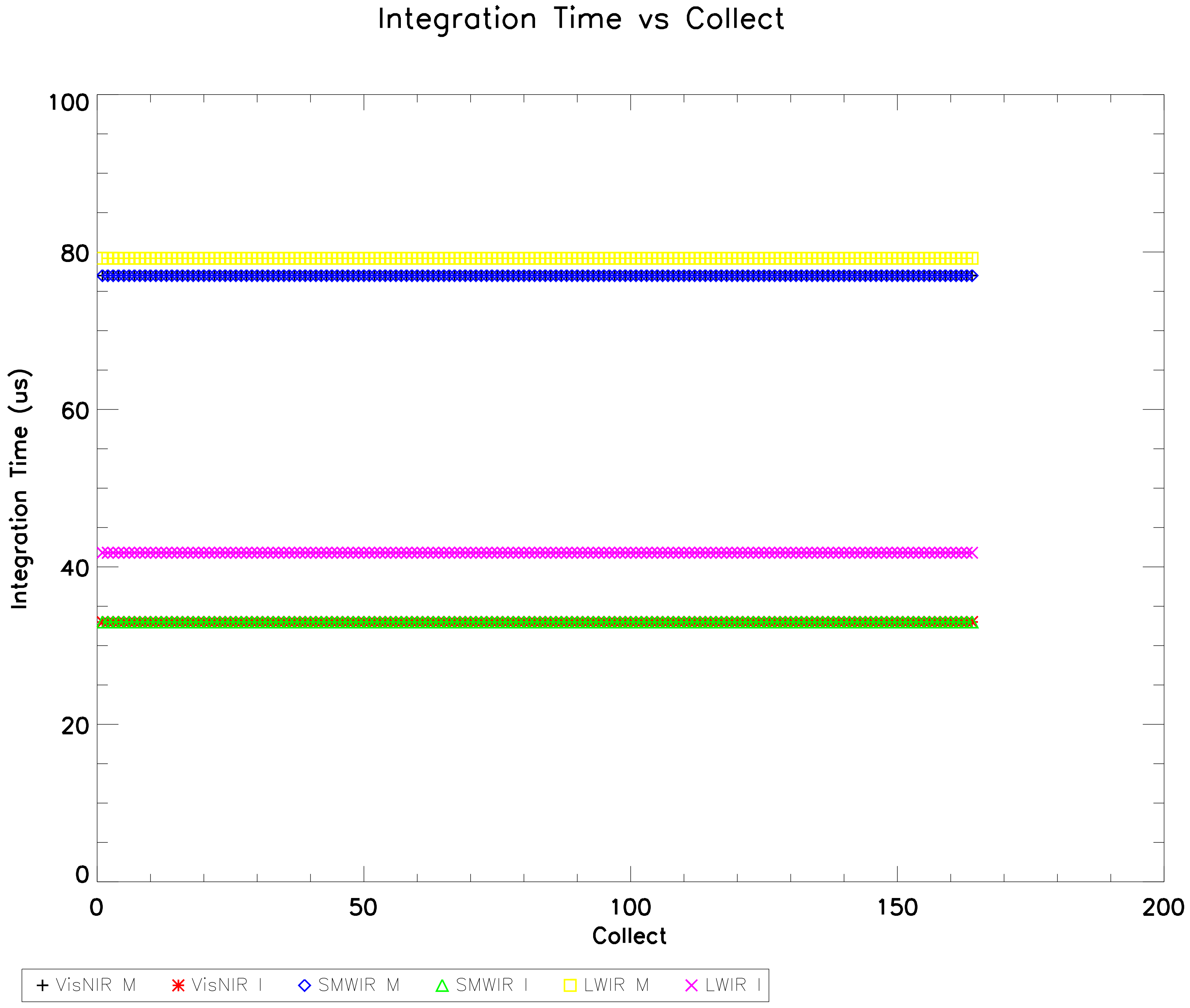
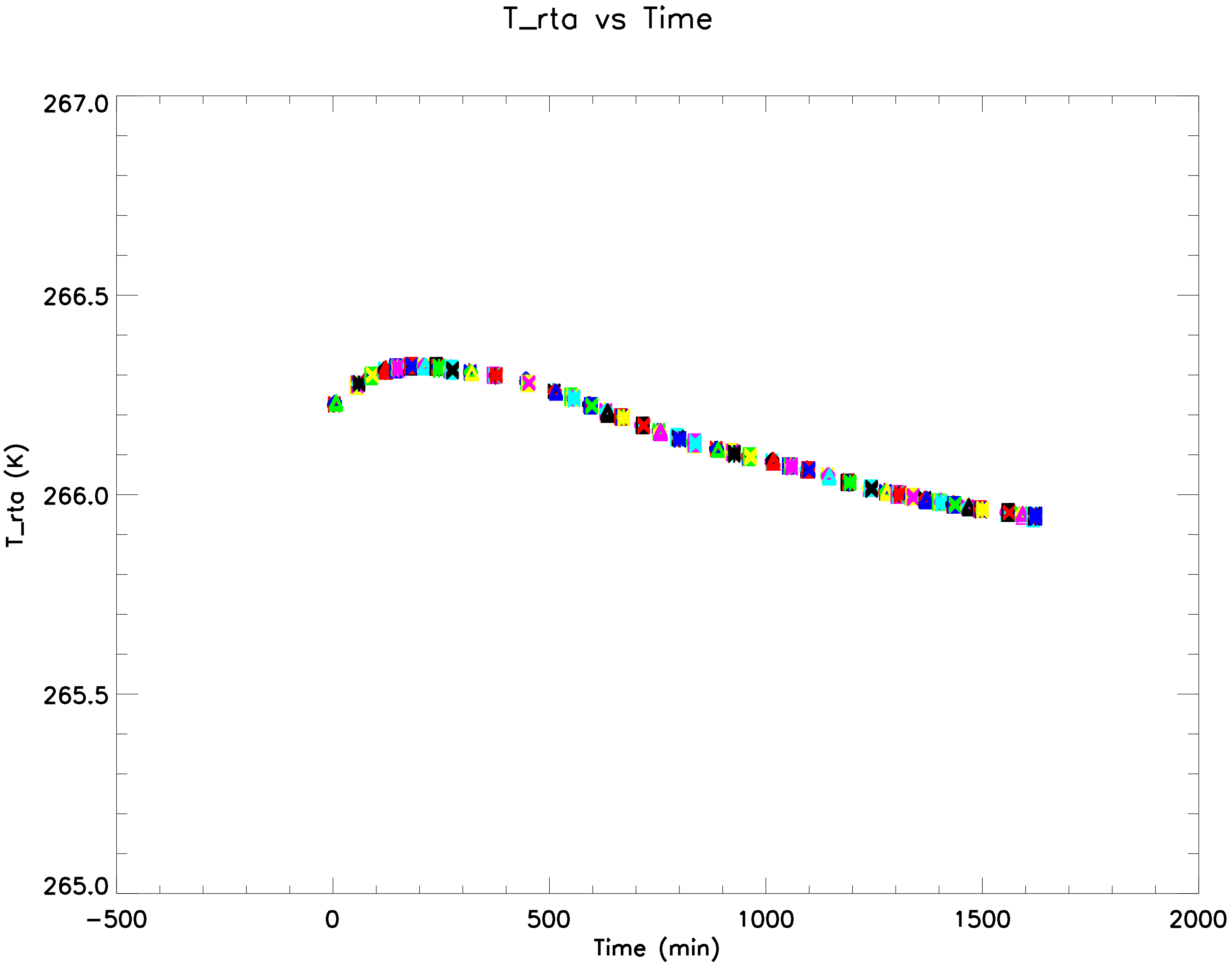
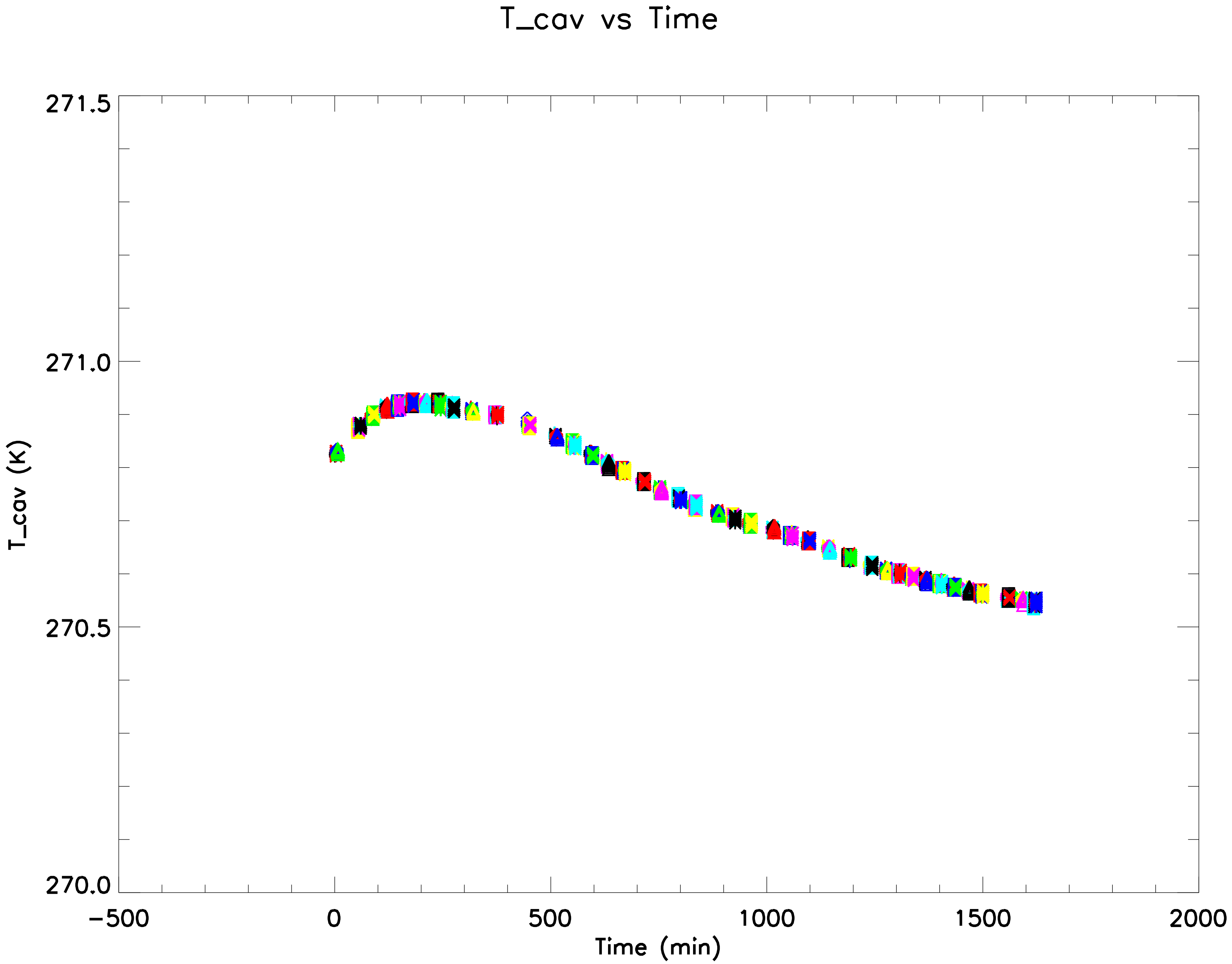
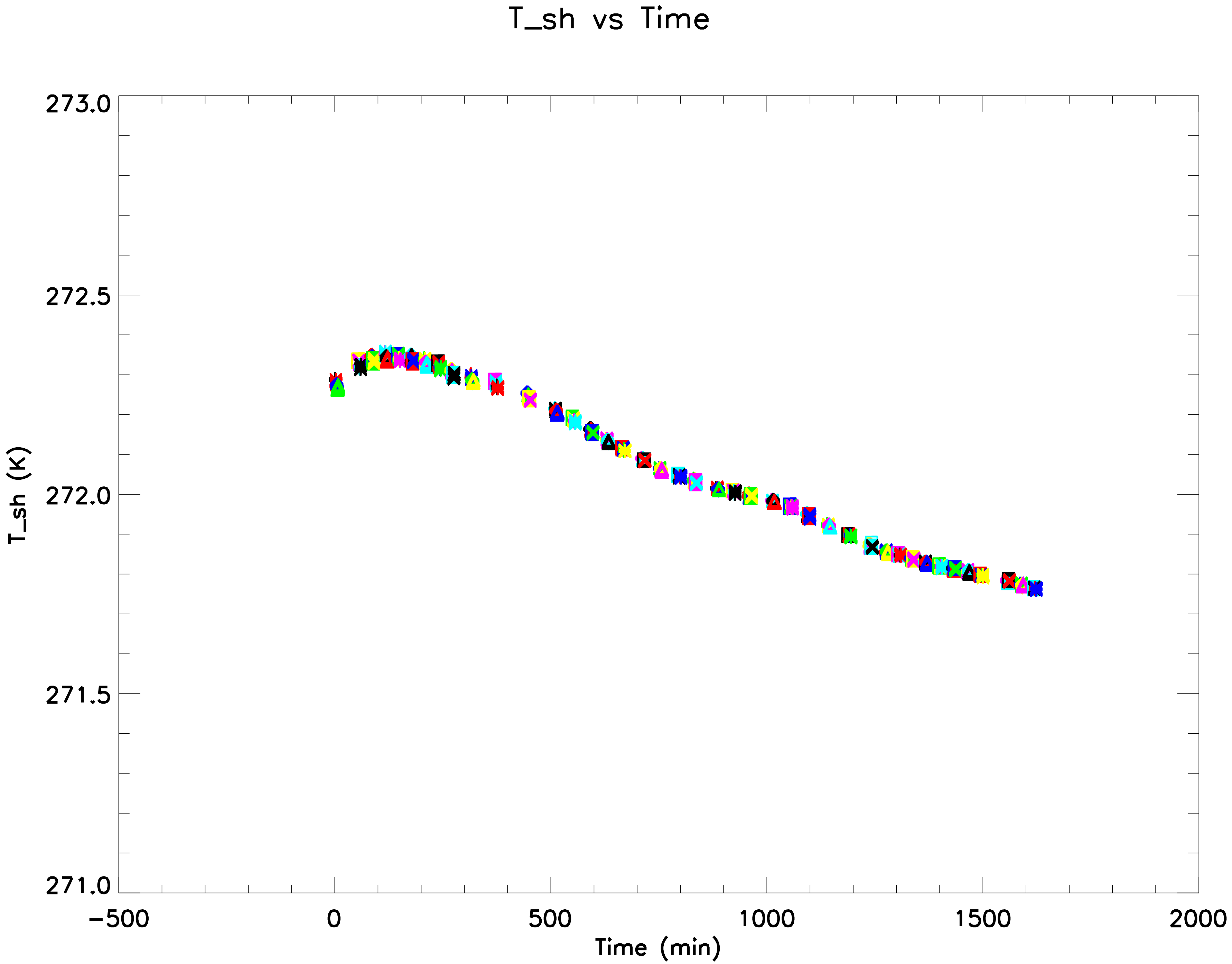
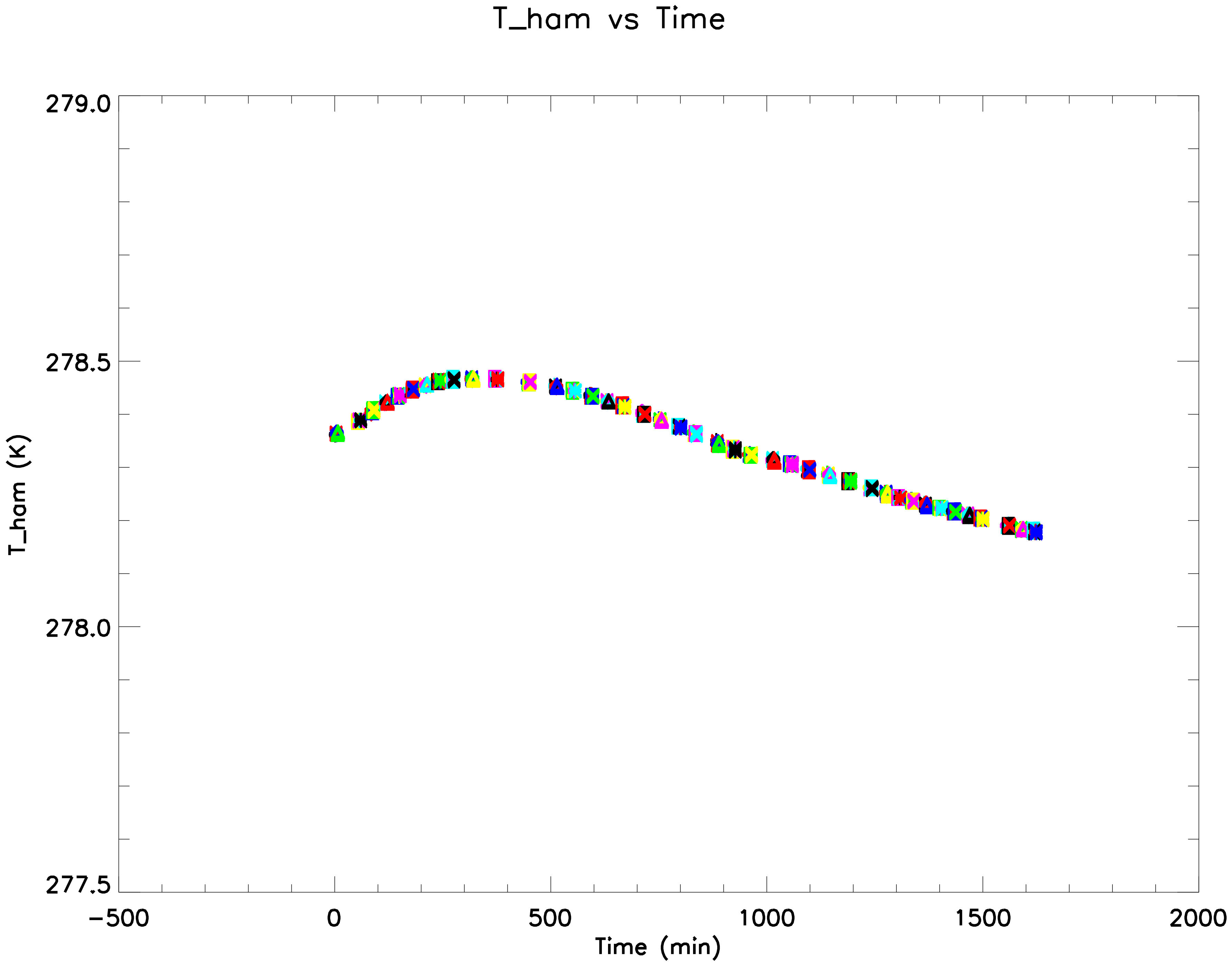
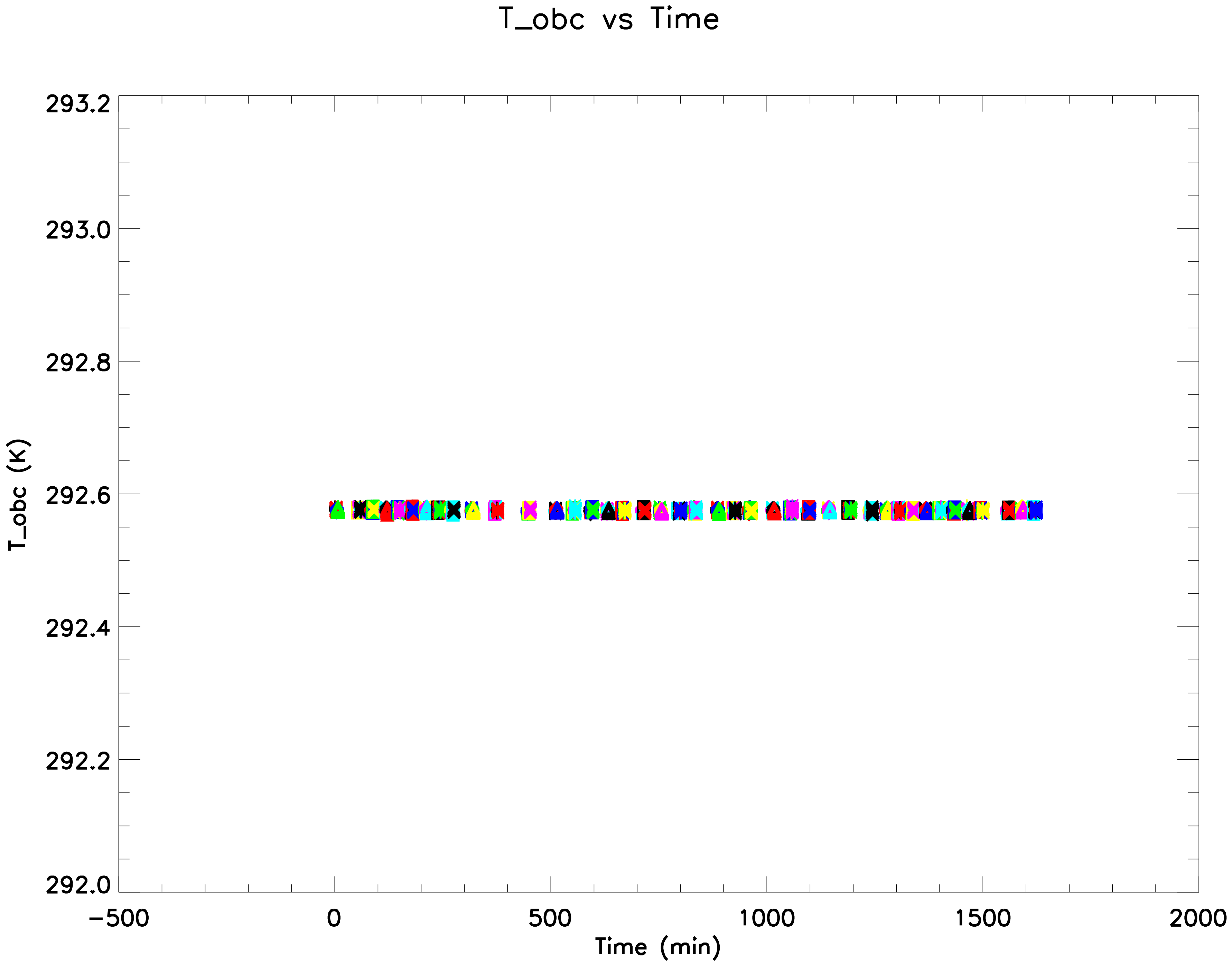

Integration Time vs Collect
Integration Time (us)
0
20
40
60
80
100
0
50
100
150
200
Collect
+ VisNIR M
✳ VisNIR I
◇ SMWIR M
△ SMWIR I
□ LWIR M
× LWIR I

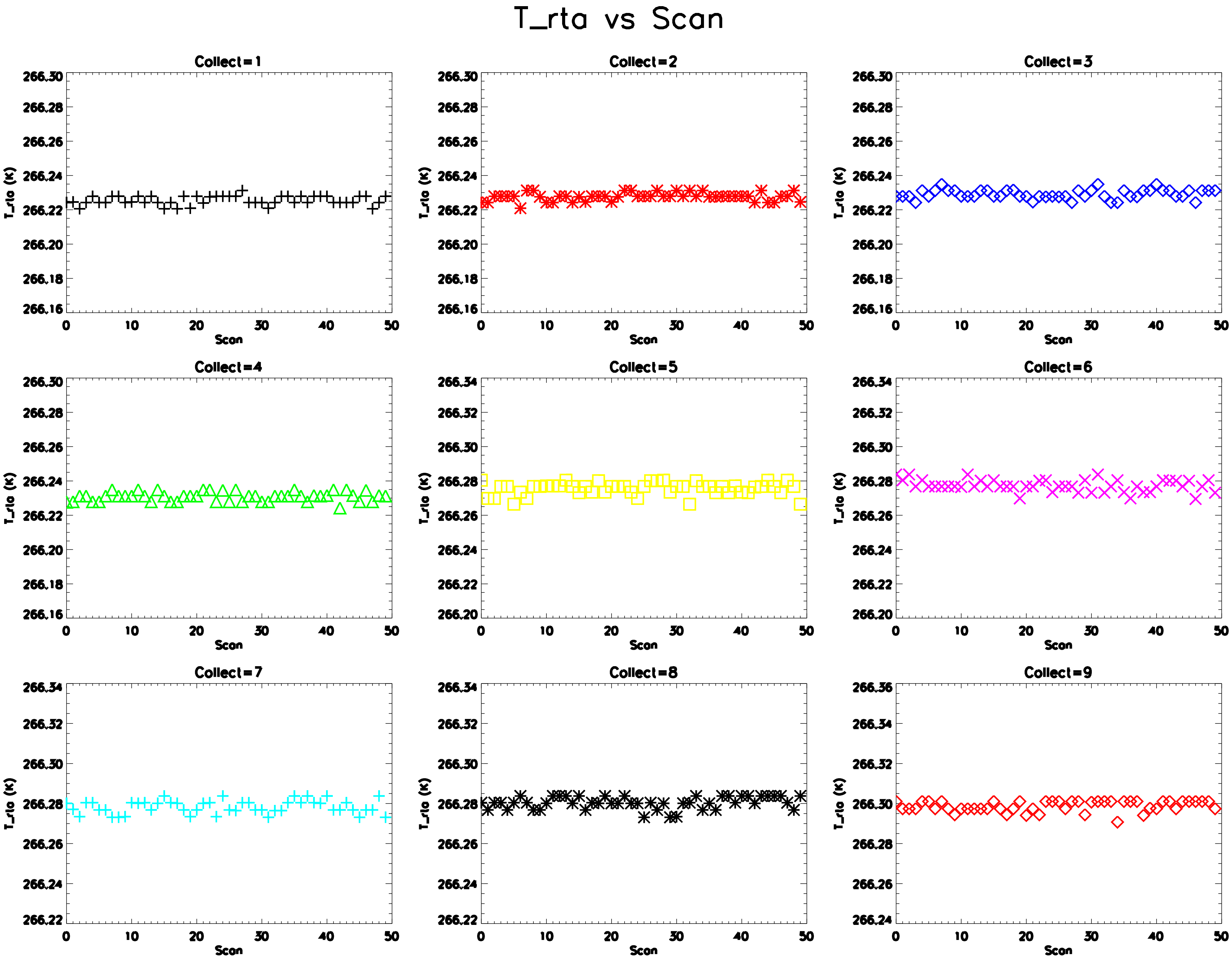

T_rta vs Time
T_rta (K)
267.0
266.5
266.0
265.5
265.0
−500
0
500
1000
1500
2000
Time (min)


T_cav vs Time
T_cav (K)
271.5
271.0
270.5
270.0
−500
0
500
1000
1500
2000
Time (min)

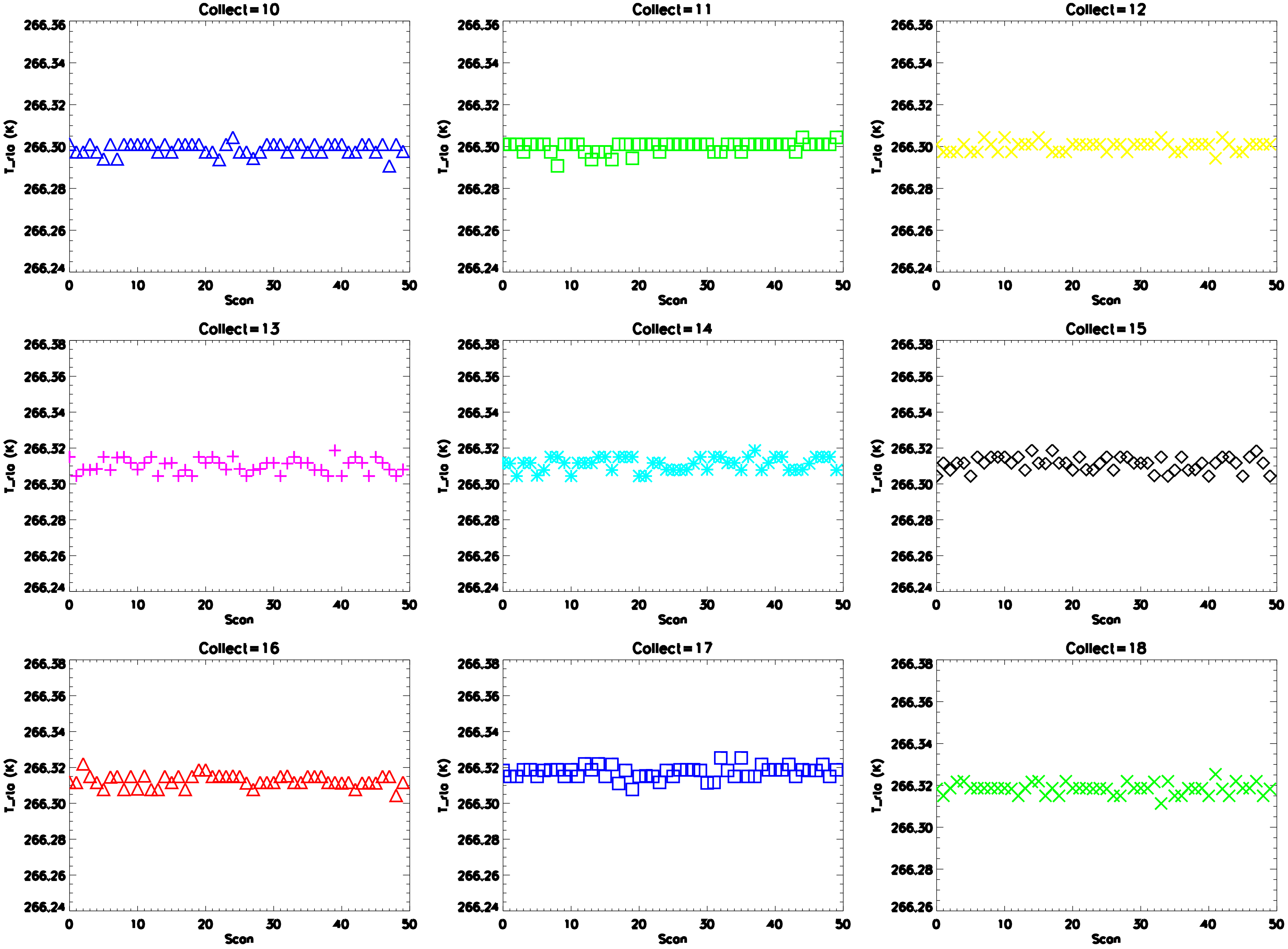

T_sh vs Time
T_sh (K)
273.0
272.5
272.0
271.5
271.0
−500
0
500
1000
1500
2000
Time (min)


T_ham vs Time
T_ham (K)
279.0
278.5
278.0
277.5
−500
0
500
1000
1500
2000
Time (min)

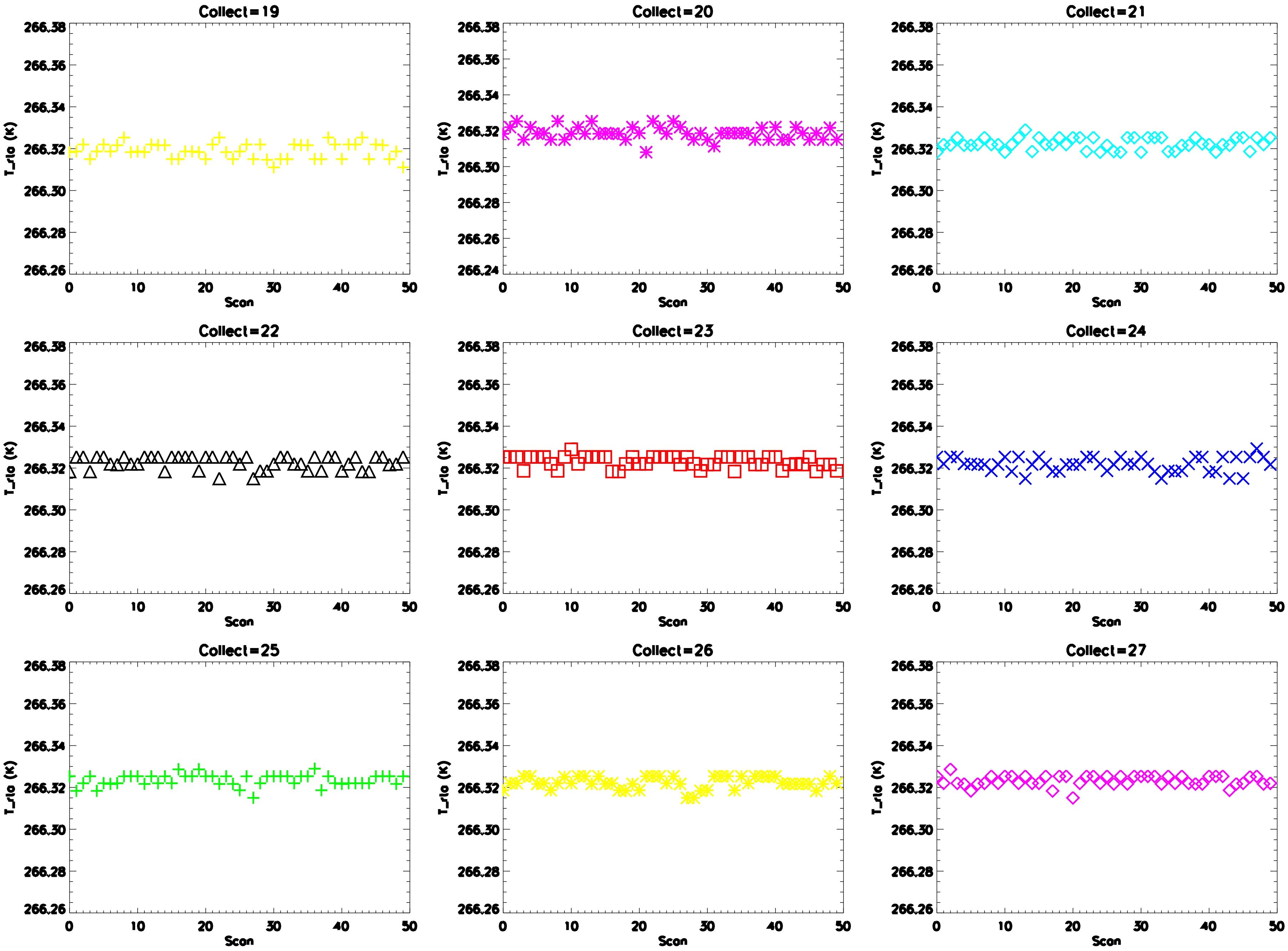

T_obc vs Time
T_obc (K)
293.2
293.0
292.8
292.6
292.4
292.2
292.0
−500
0
500
1000
1500
2000
Time (min)

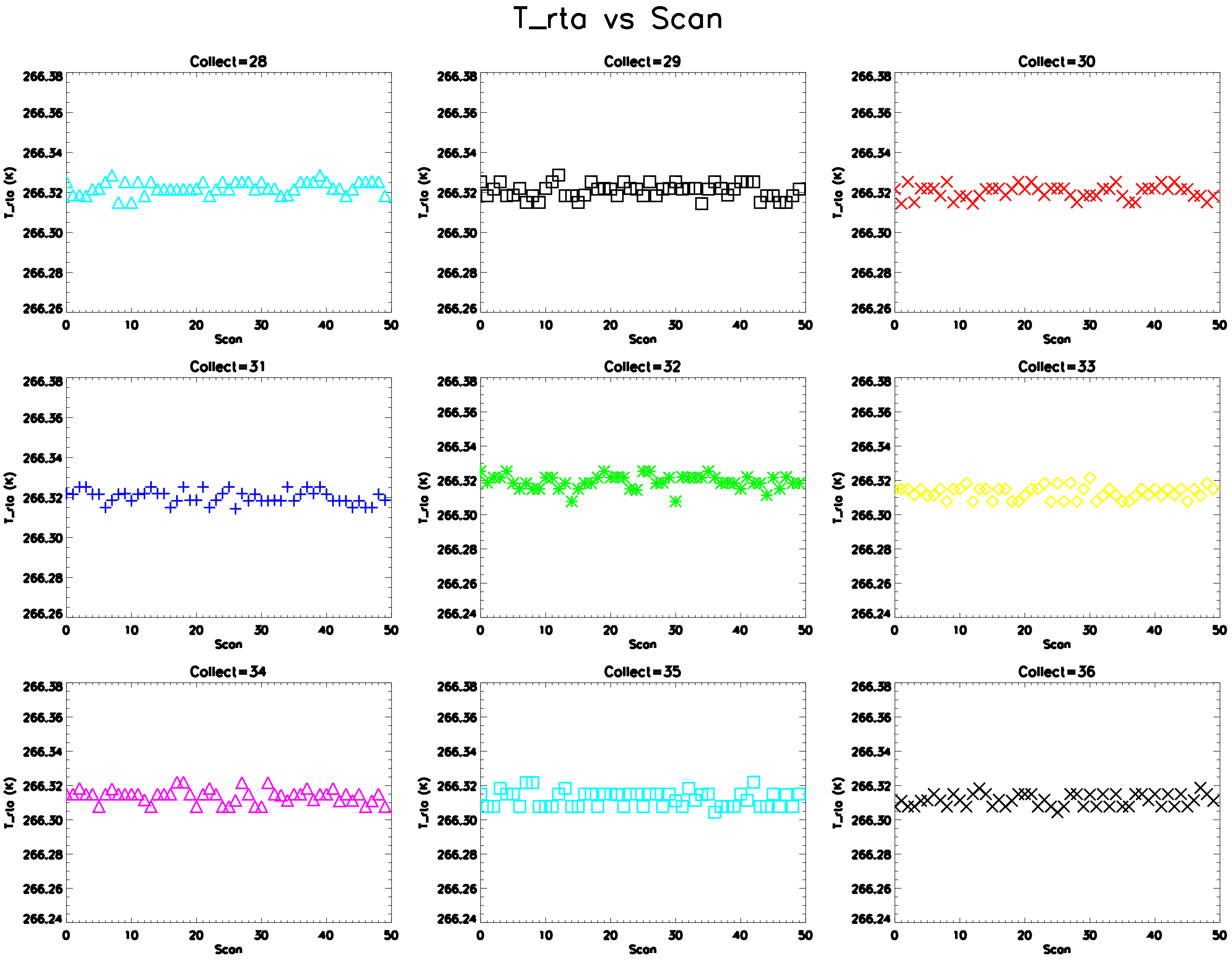

T_rta vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_rto (K)
Scan
266.16
266.18
266.20
266.22
266.24
266.26
266.28
266.30
266.32
266.34
266.36
0
10
20
30
40
50

T_rta vs Scan

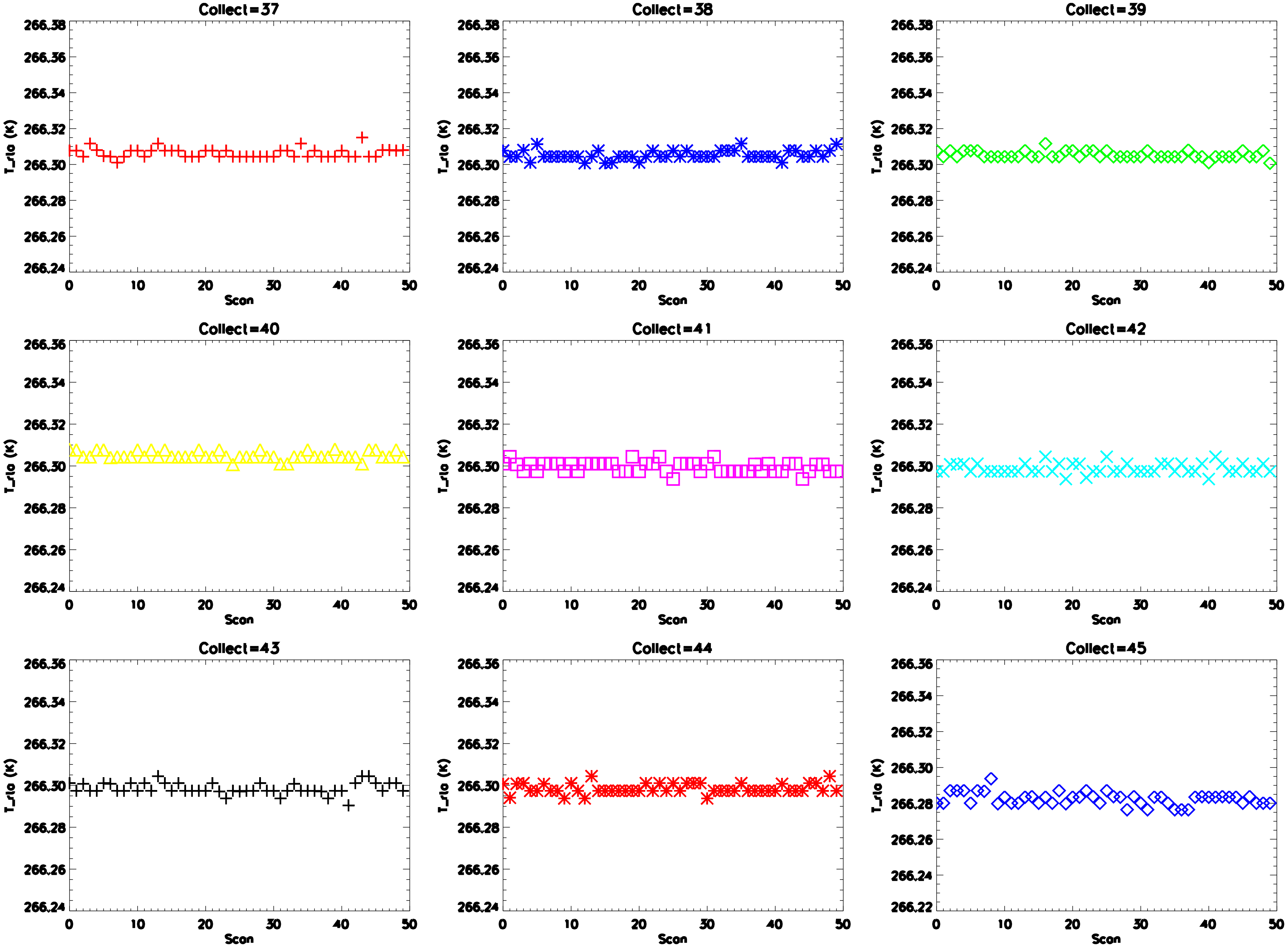

Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_rta (K)
Scan
266.24
266.26
266.28
266.30
266.32
266.34
266.36
266.38
0
10
20
30
40
50

T_rta vs Scan

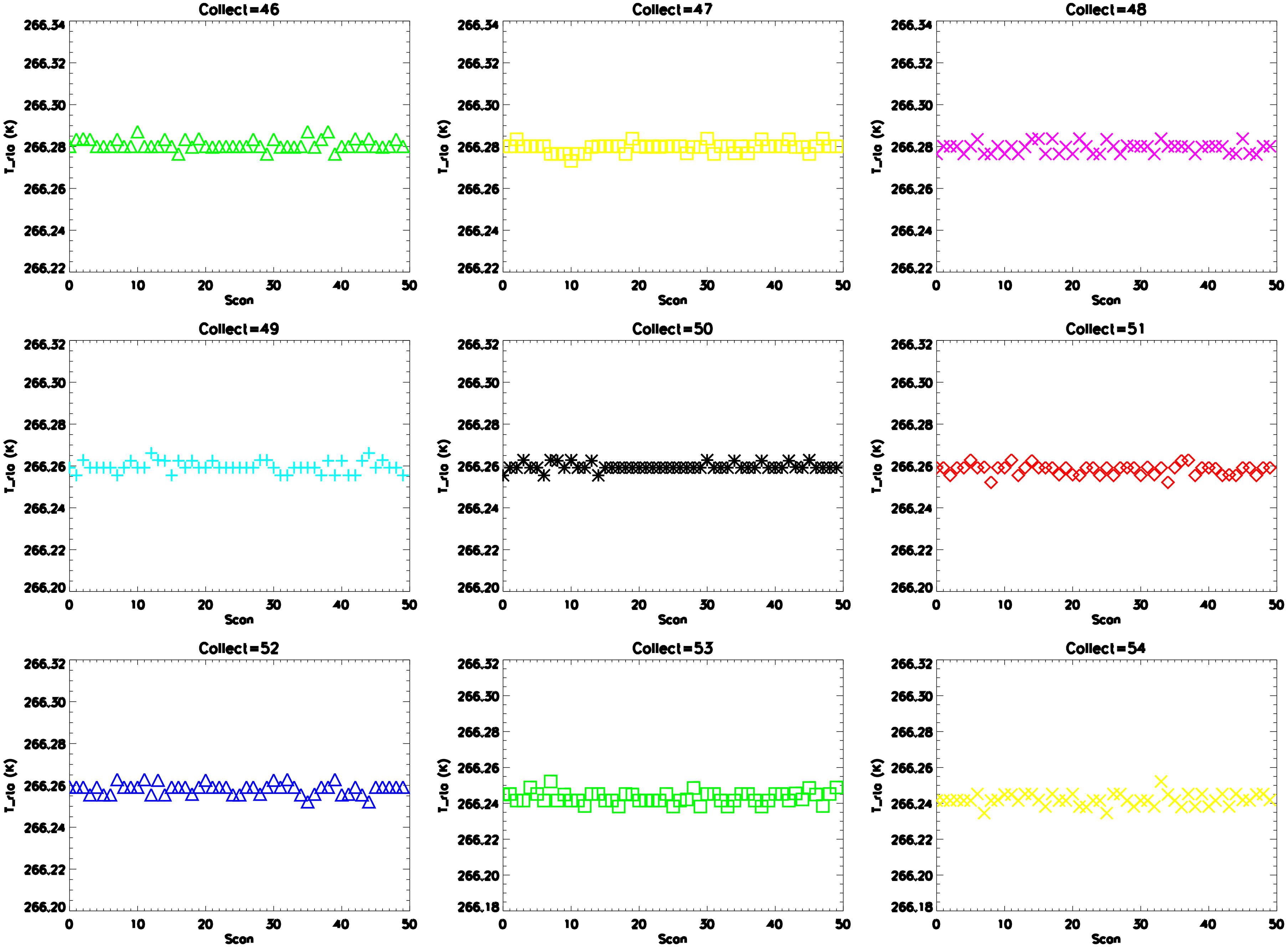

Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_rta (K)
Scan
266.26
266.28
266.30
266.32
266.34
266.36
266.38
266.24
0
10
20
30
40
50

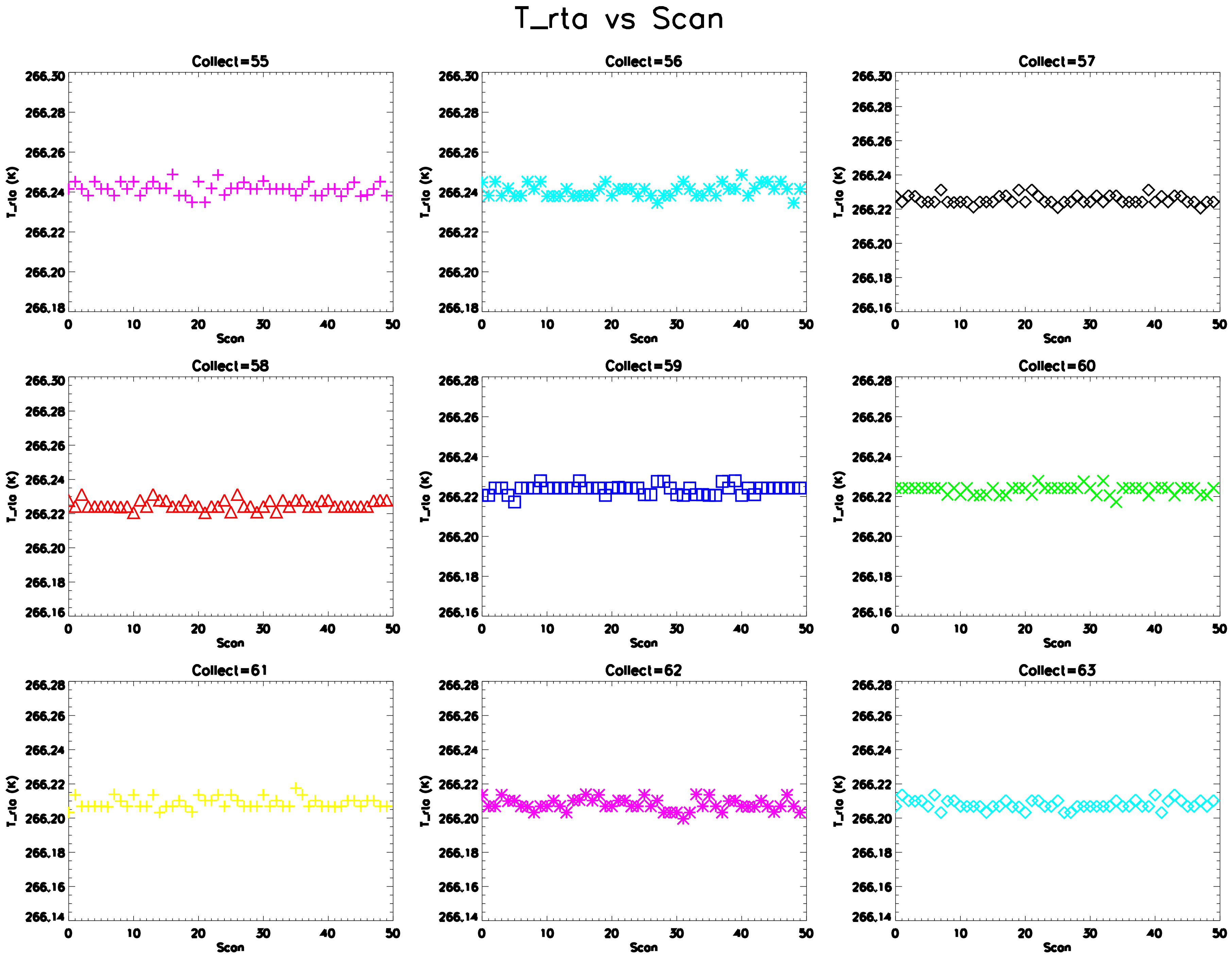

T_rta vs Scan
Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_rta (K)
Scan
266.24
266.26
266.28
266.30
266.32
266.34
266.36
266.38
0
10
20
30
40
50

T_rta vs Scan

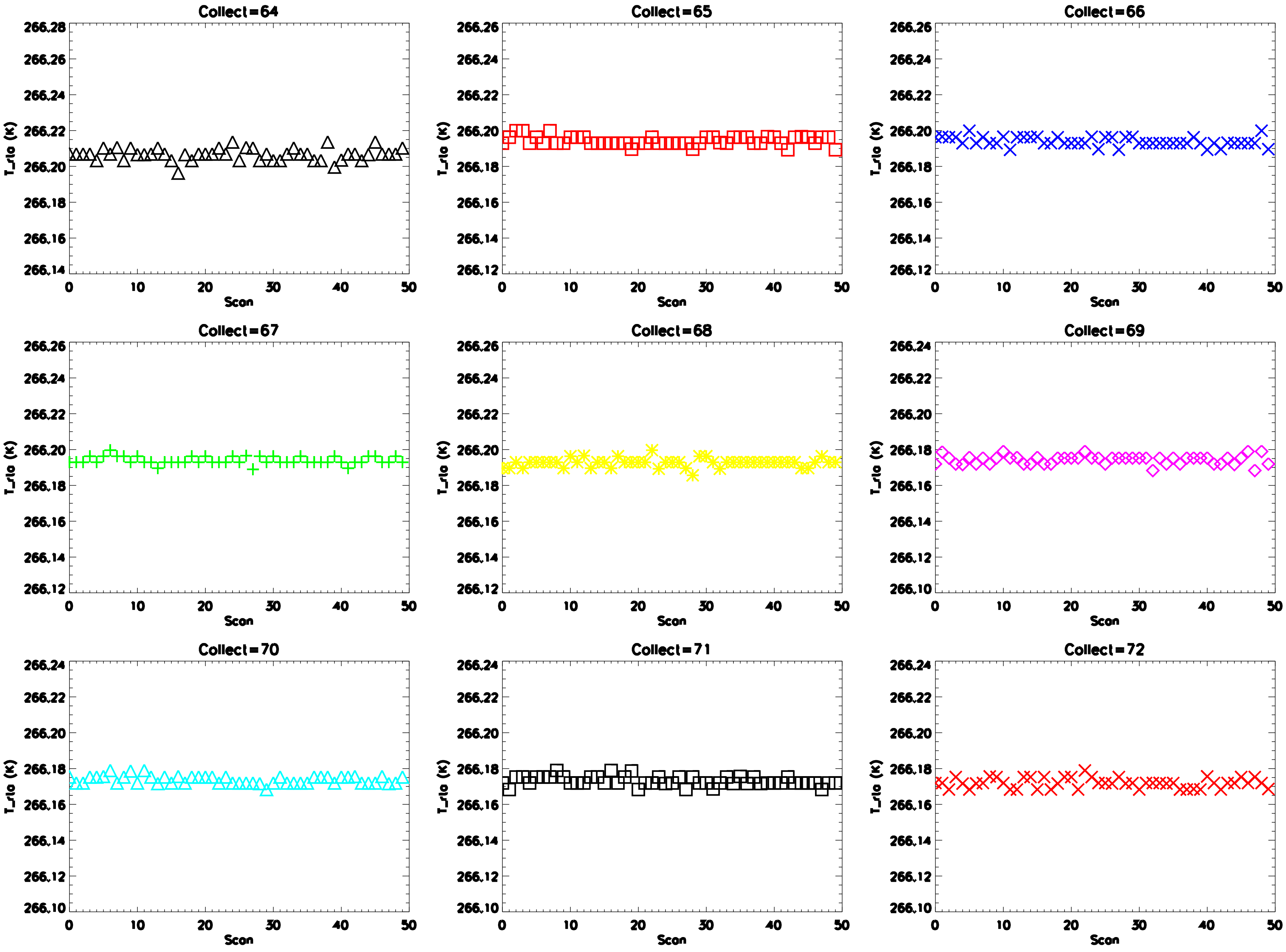

Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_rta (K)
Scan
266.22
266.24
266.26
266.28
266.30
266.32
266.34
266.36
266.38
0
10
20
30
40
50

T_rta vs Scan

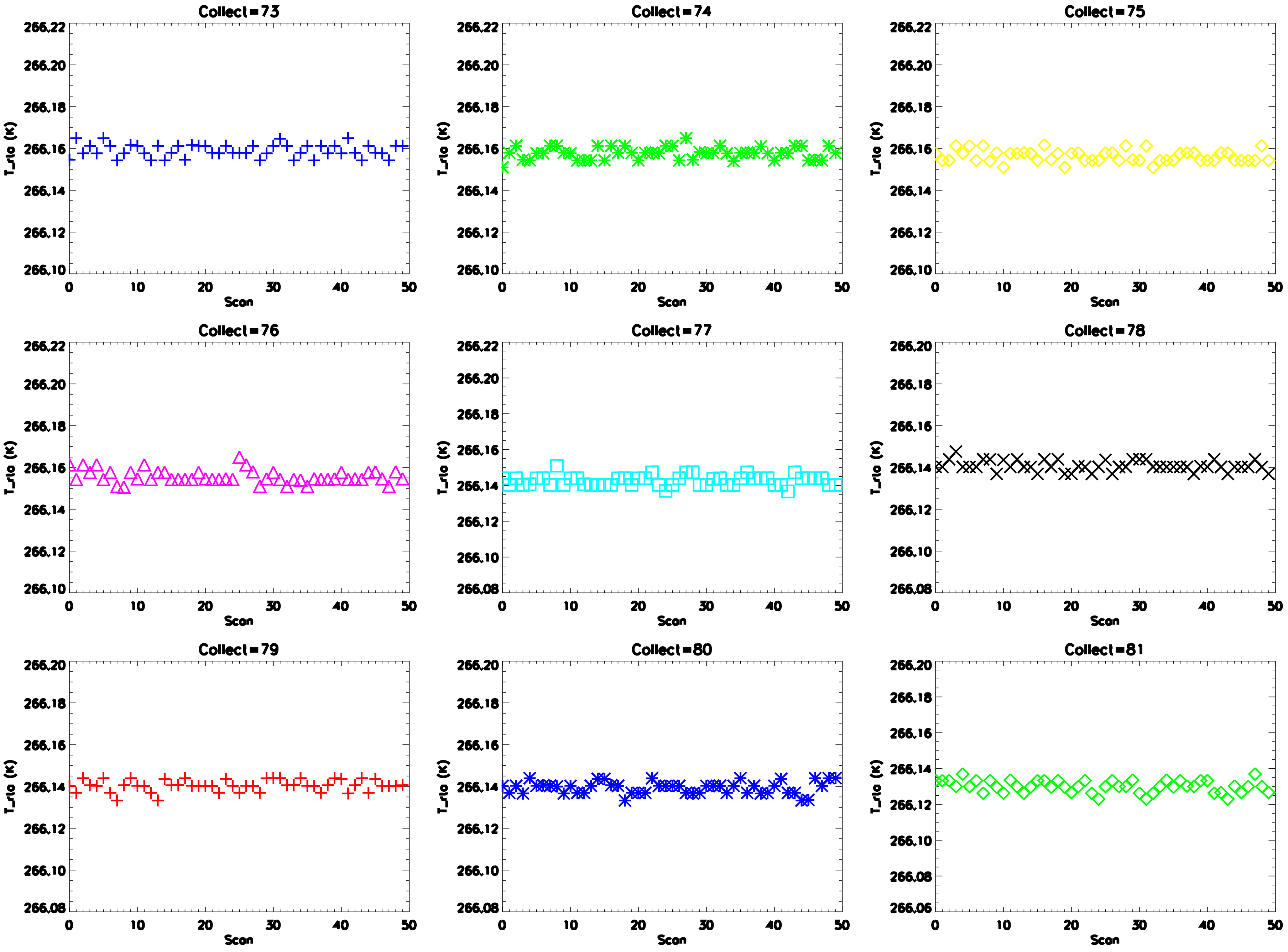

Collect=46
266.34
266.32
266.30
266.28
266.26
266.24
266.22
T_rta (K)
0
10
20
30
40
50
Scan
Collect=47
266.34
266.32
266.30
266.28
266.26
266.24
266.22
T_rta (K)
Scan
Collect=48
266.34
266.32
266.30
266.28
266.26
266.24
266.22
T_rta (K)
Scan
Collect=49
266.32
266.30
266.28
266.26
266.24
266.22
266.20
T_rta (K)
Scan
Collect=50
266.32
266.30
266.28
266.26
266.24
266.22
266.20
T_rta (K)
Scan
Collect=51
266.32
266.30
266.28
266.26
266.24
266.22
266.20
T_rta (K)
Scan
Collect=52
266.32
266.30
266.28
266.26
266.24
266.22
266.20
T_rta (K)
Scan
Collect=53
266.32
266.30
266.28
266.26
266.24
266.22
266.20
266.18
T_rta (K)
Scan
Collect=54
266.32
266.30
266.28
266.26
266.24
266.22
266.20
266.18
T_rta (K)
Scan


T_rta vs Scan
Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_rta (K)
Scan
0
10
20
30
40
50
266.14
266.16
266.18
266.20
266.22
266.24
266.26
266.28
266.30

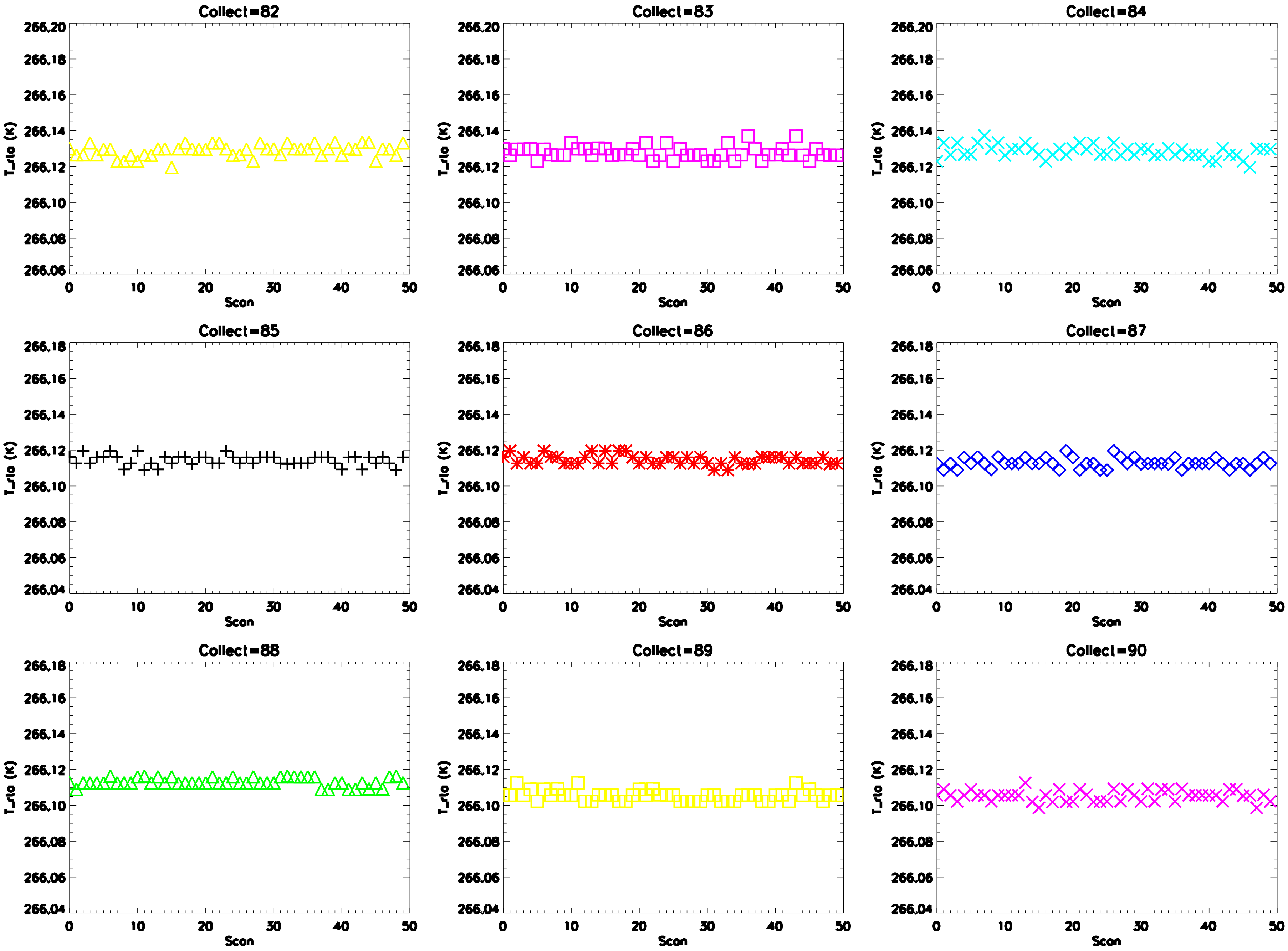
T_rta vs Scan


Collect=64
266.28
266.26
266.24
266.22
266.20
266.18
266.16
266.14
T_rta (K)
0
10
20
30
40
50
Scan
Collect=65
266.26
266.24
266.22
266.20
266.18
266.16
266.14
266.12
T_rta (K)
0
10
20
30
40
50
Scan
Collect=66
266.26
266.24
266.22
266.20
266.18
266.16
266.14
266.12
T_rta (K)
0
10
20
30
40
50
Scan
Collect=67
266.26
266.24
266.22
266.20
266.18
266.16
266.14
266.12
T_rta (K)
0
10
20
30
40
50
Scan
Collect=68
266.26
266.24
266.22
266.20
266.18
266.16
266.14
266.12
T_rta (K)
0
10
20
30
40
50
Scan
Collect=69
266.24
266.22
266.20
266.18
266.16
266.14
266.12
266.10
T_rta (K)
0
10
20
30
40
50
Scan
Collect=70
266.24
266.22
266.20
266.18
266.16
266.14
266.12
266.10
T_rta (K)
0
10
20
30
40
50
Scan
Collect=71
266.24
266.22
266.20
266.18
266.16
266.14
266.12
266.10
T_rta (K)
0
10
20
30
40
50
Scan
Collect=72
266.24
266.22
266.20
266.18
266.16
266.14
266.12
266.10
T_rta (K)
0
10
20
30
40
50
Scan

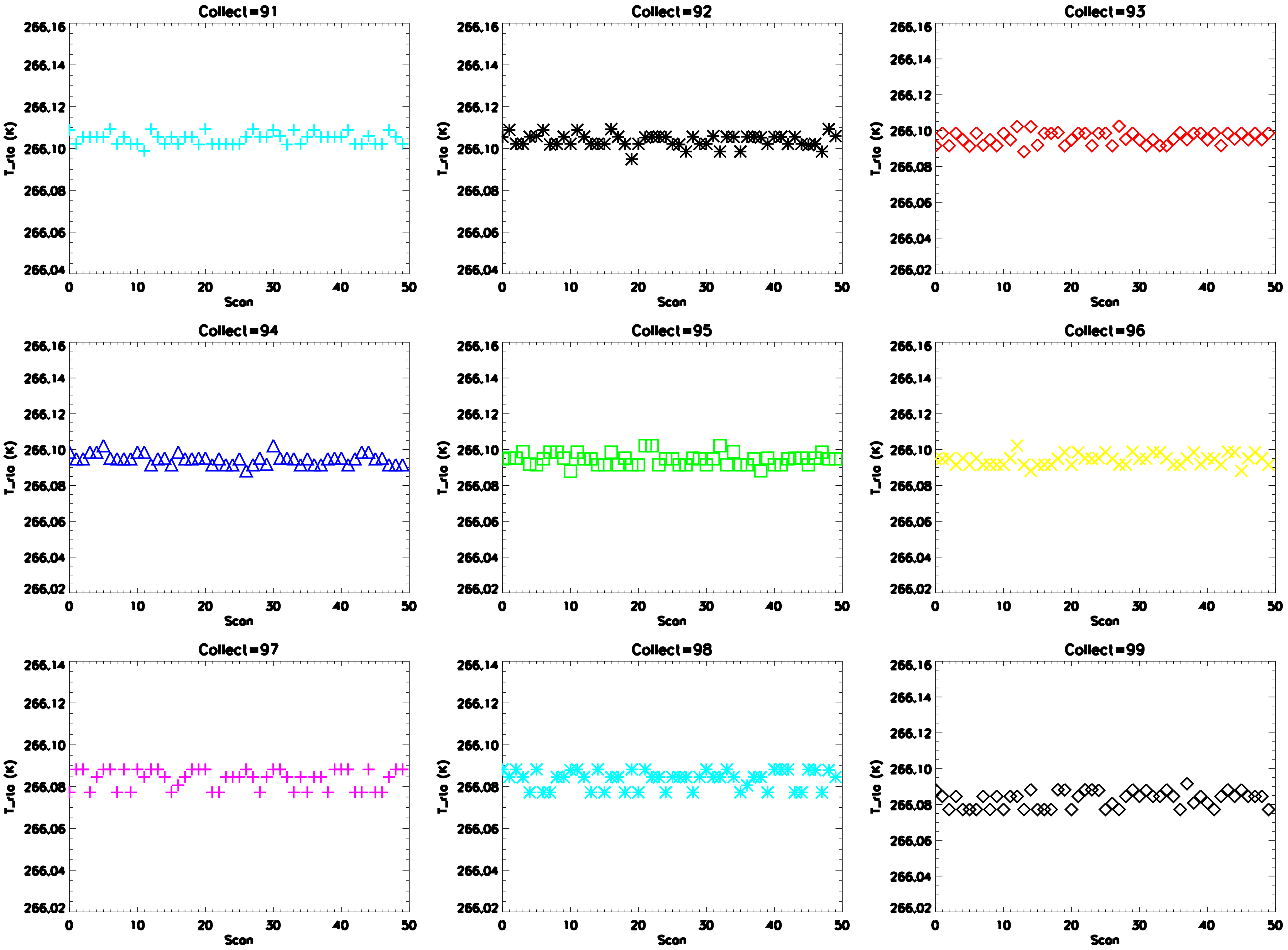
T_rta vs Scan

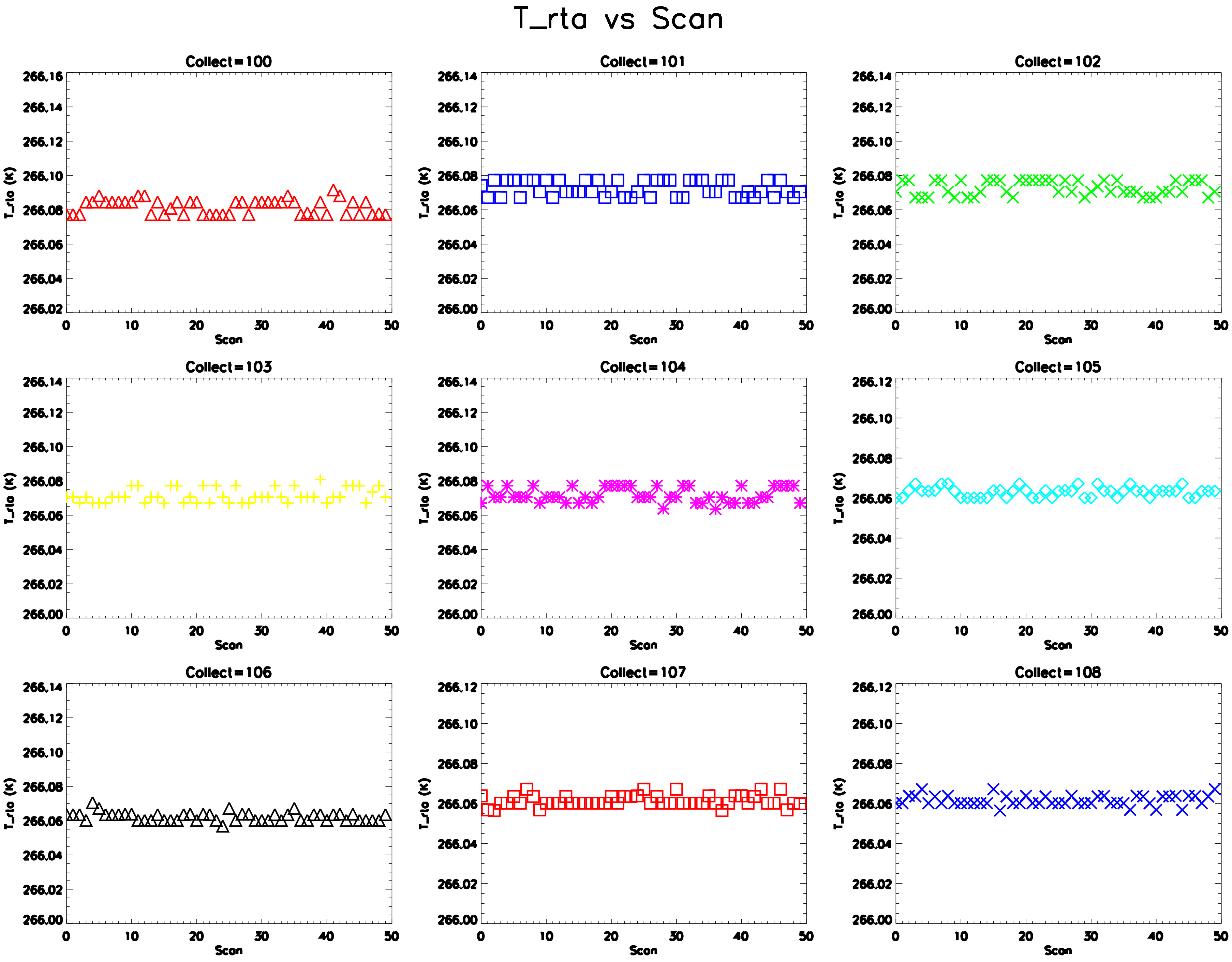

Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
T_rta (K)
Scan
0
10
20
30
40
50
266.06
266.08
266.10
266.12
266.14
266.16
266.18
266.20
266.22

T_rta vs Scan

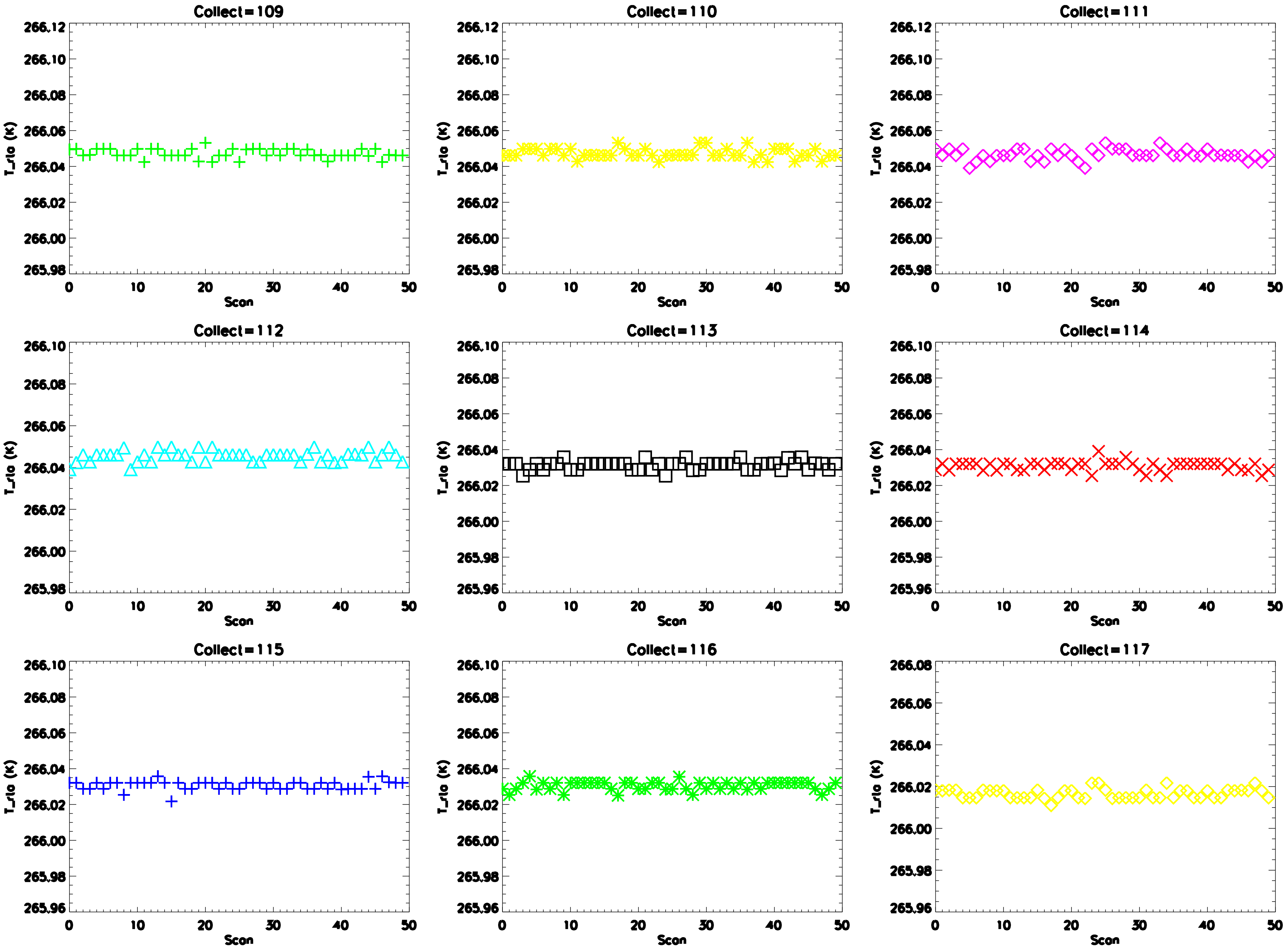

Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_rta (K)
Scan
266.20
266.18
266.16
266.14
266.12
266.10
266.08
266.06
266.04
0
10
20
30
40
50

T_rta vs Scan

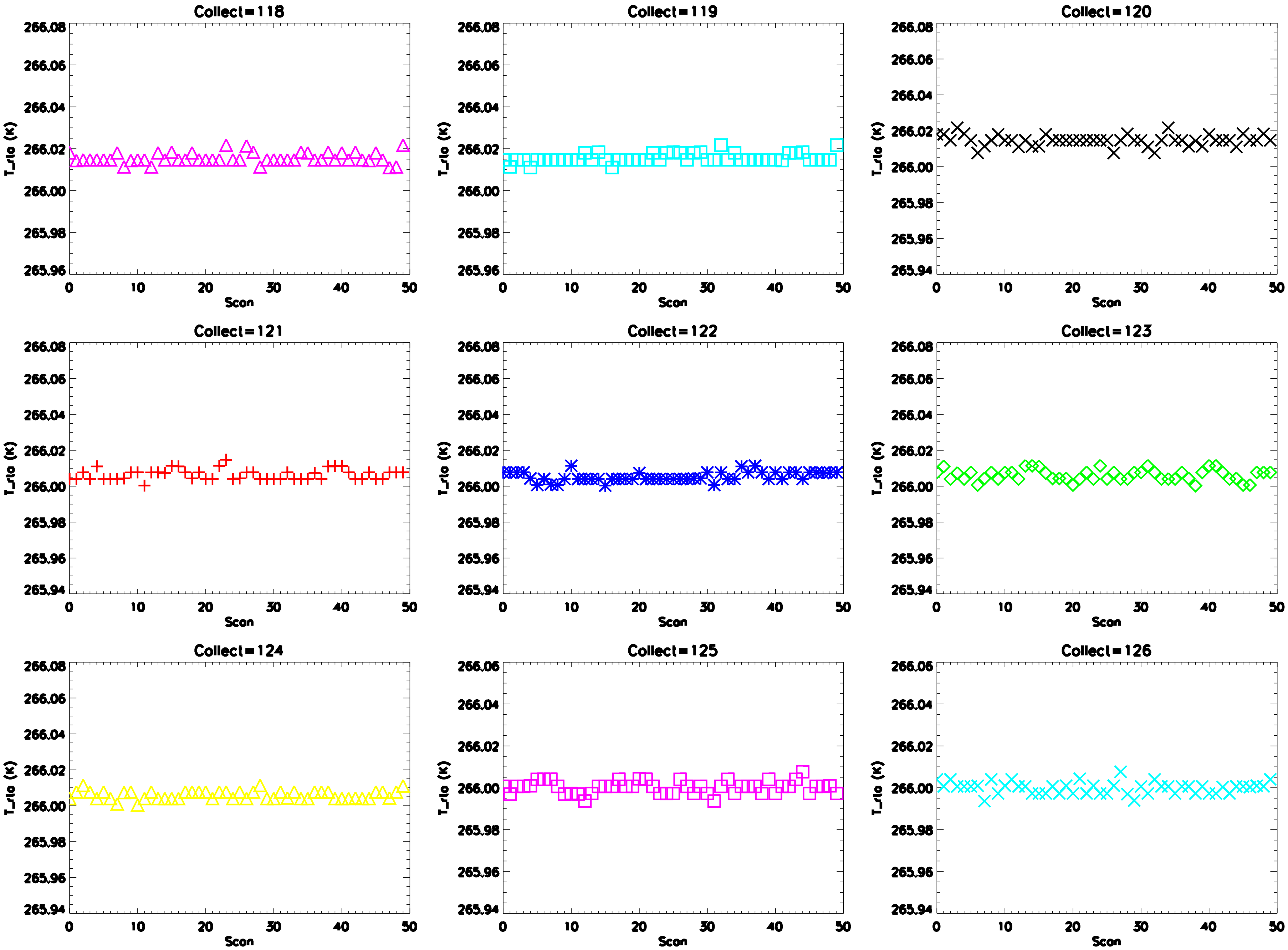

Collect=91
T_rta (K)
266.16
266.14
266.12
266.10
266.08
266.06
266.04
Scan
0
10
20
30
40
50
Collect=92
T_rta (K)
266.16
266.14
266.12
266.10
266.08
266.06
266.04
Scan
Collect=93
T_rta (K)
266.16
266.14
266.12
266.10
266.08
266.06
266.04
266.02
Scan
Collect=94
Collect=95
Collect=96
T_rta (K)
266.16
266.14
266.12
266.10
266.08
266.06
266.04
266.02
Scan
Collect=97
T_rta (K)
266.14
266.12
266.10
266.08
266.06
266.04
266.02
Scan
Collect=98
Collect=99
T_rta (K)
266.16
266.14
266.12
266.10
266.08
266.06
266.04
266.02
Scan


T_rta vs Scan
Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
T_rta (K)
Scan
0
10
20
30
40
50
266.00
266.02
266.04
266.06
266.08
266.10
266.12
266.14
266.16

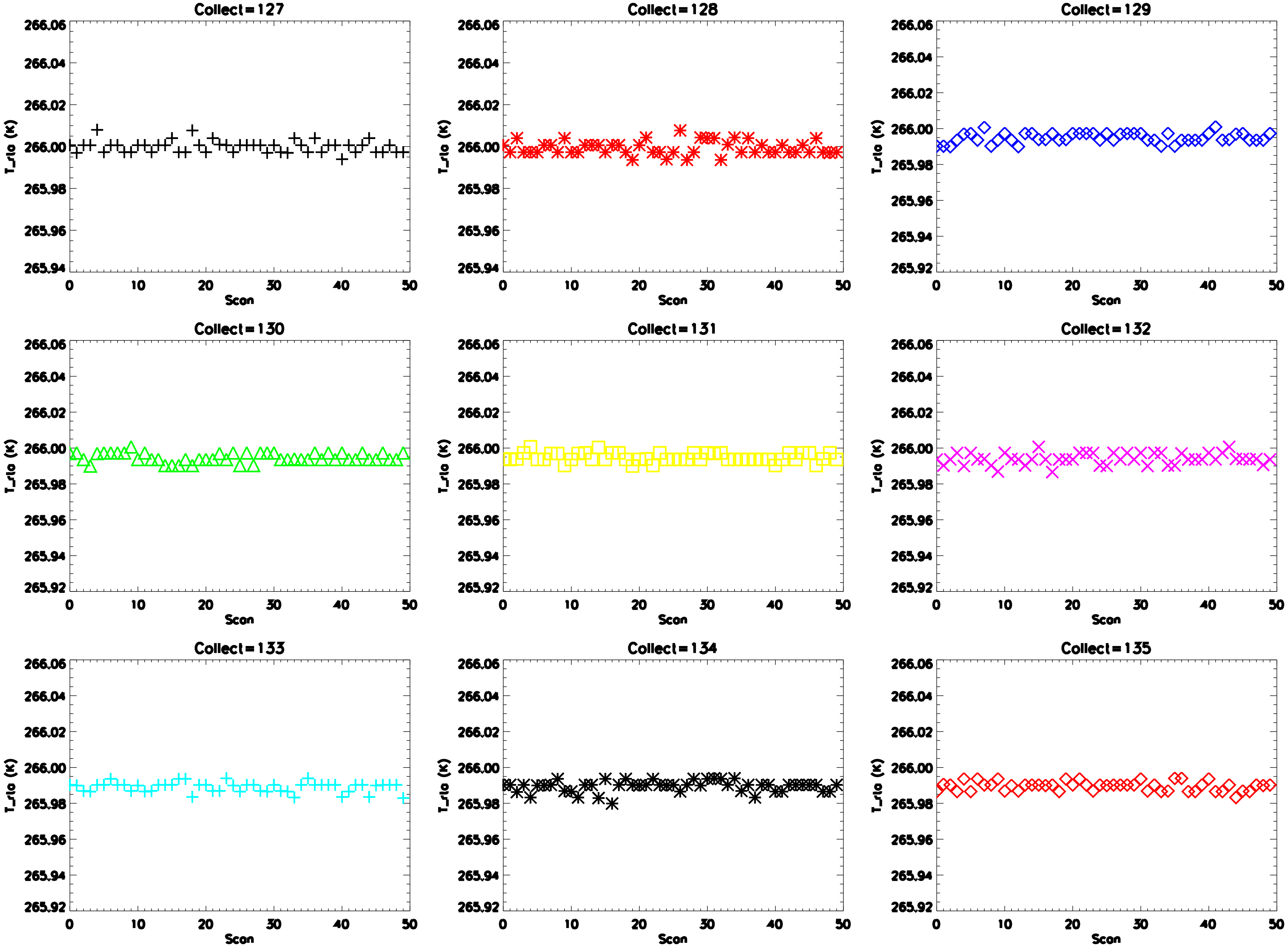
T_rta vs Scan


Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
T_rta (K)
Scan
0
10
20
30
40
50
266.12
266.10
266.08
266.06
266.04
266.02
266.00
265.98
265.96

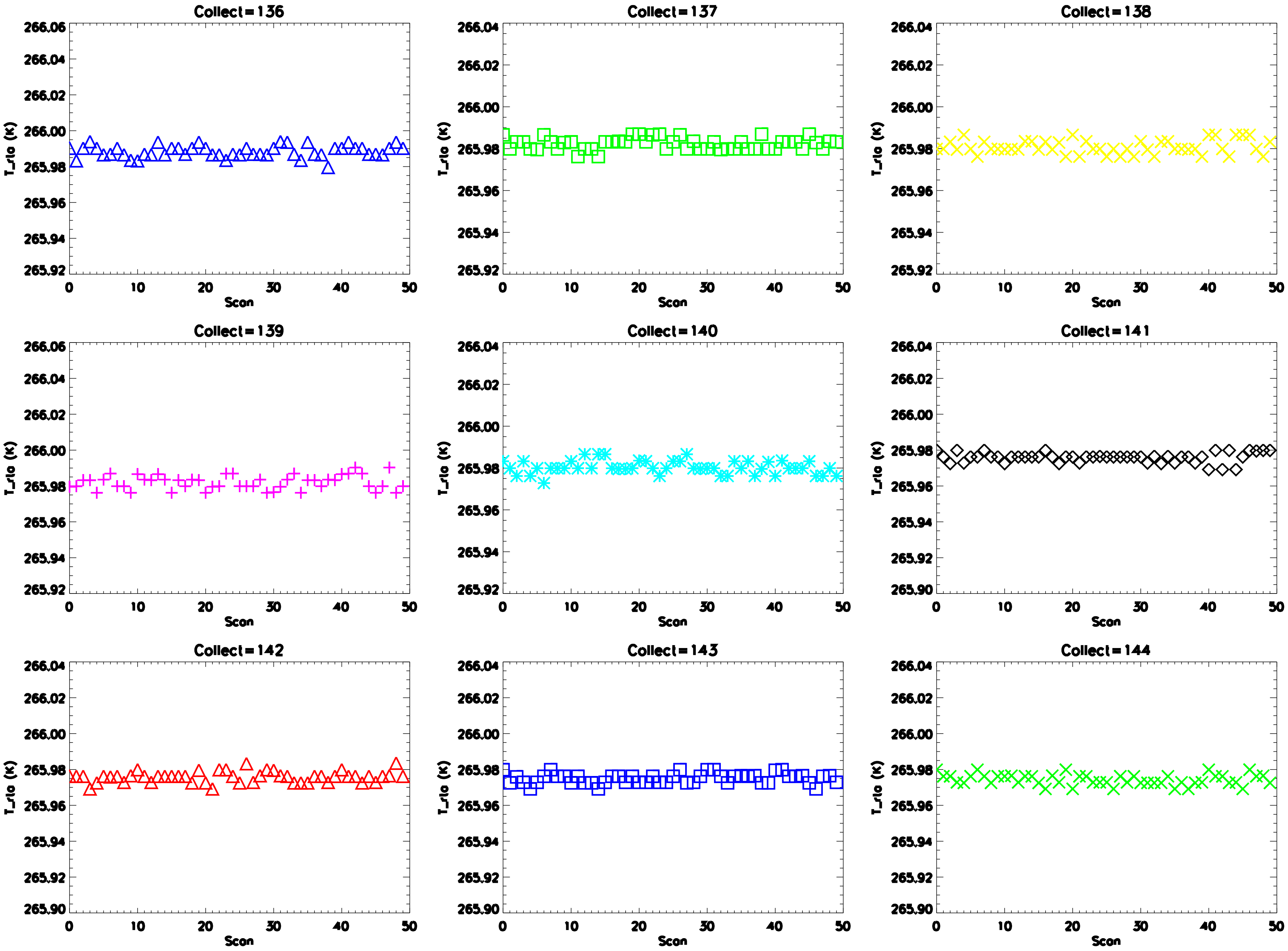
T_rta vs Scan


Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
T_rta (K)
Scan
0
10
20
30
40
50
265.94
265.96
265.98
266.00
266.02
266.04
266.06
266.08

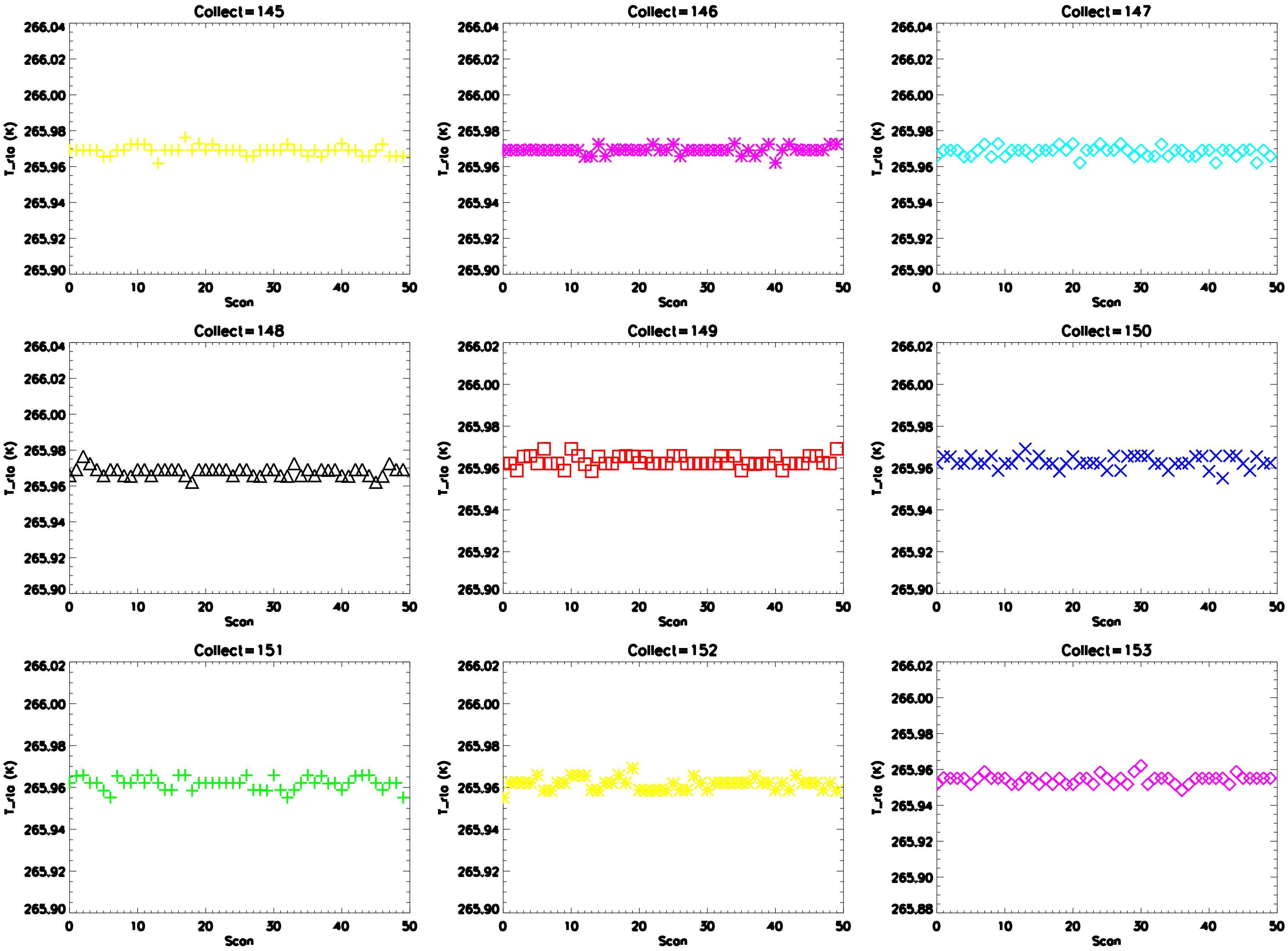
T_rta vs Scan


Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
T_rta (K)
Scan
266.06
266.04
266.02
266.00
265.98
265.96
265.94
265.92
0
10
20
30
40
50

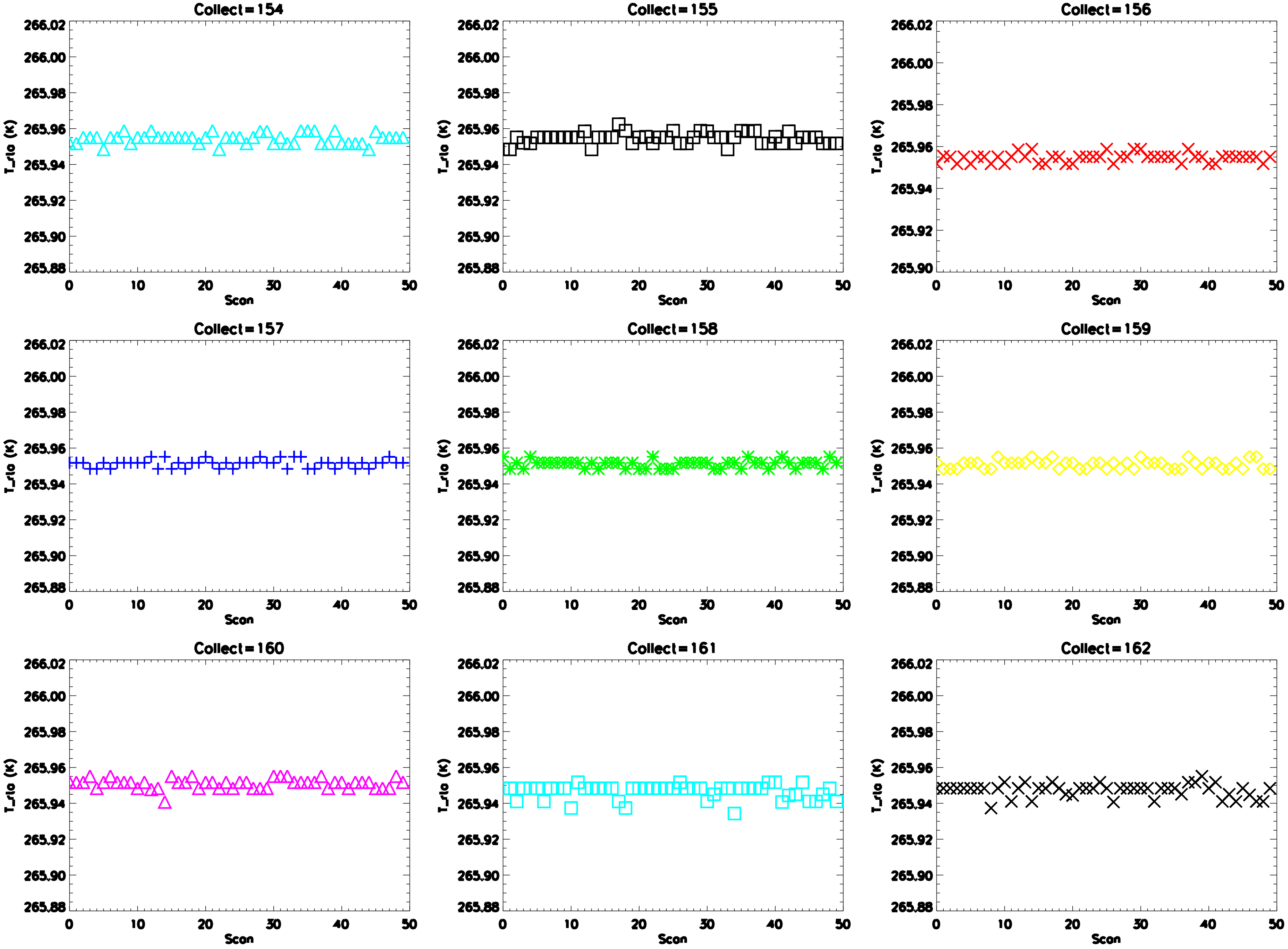
T_rta vs Scan


Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_rta (K)
Scan
0
10
20
30
40
50
266.06
266.04
266.02
266.00
265.98
265.96
265.94
265.92
265.90

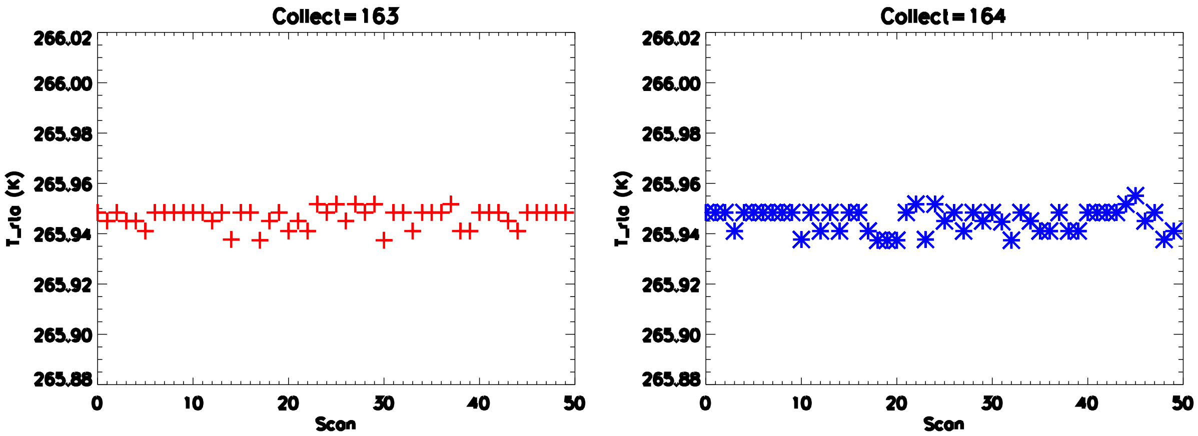
T_rta vs Scan


Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_rta (K)
Scan
0
10
20
30
40
50
266.04
266.02
266.00
265.98
265.96
265.94
265.92
265.90
265.88

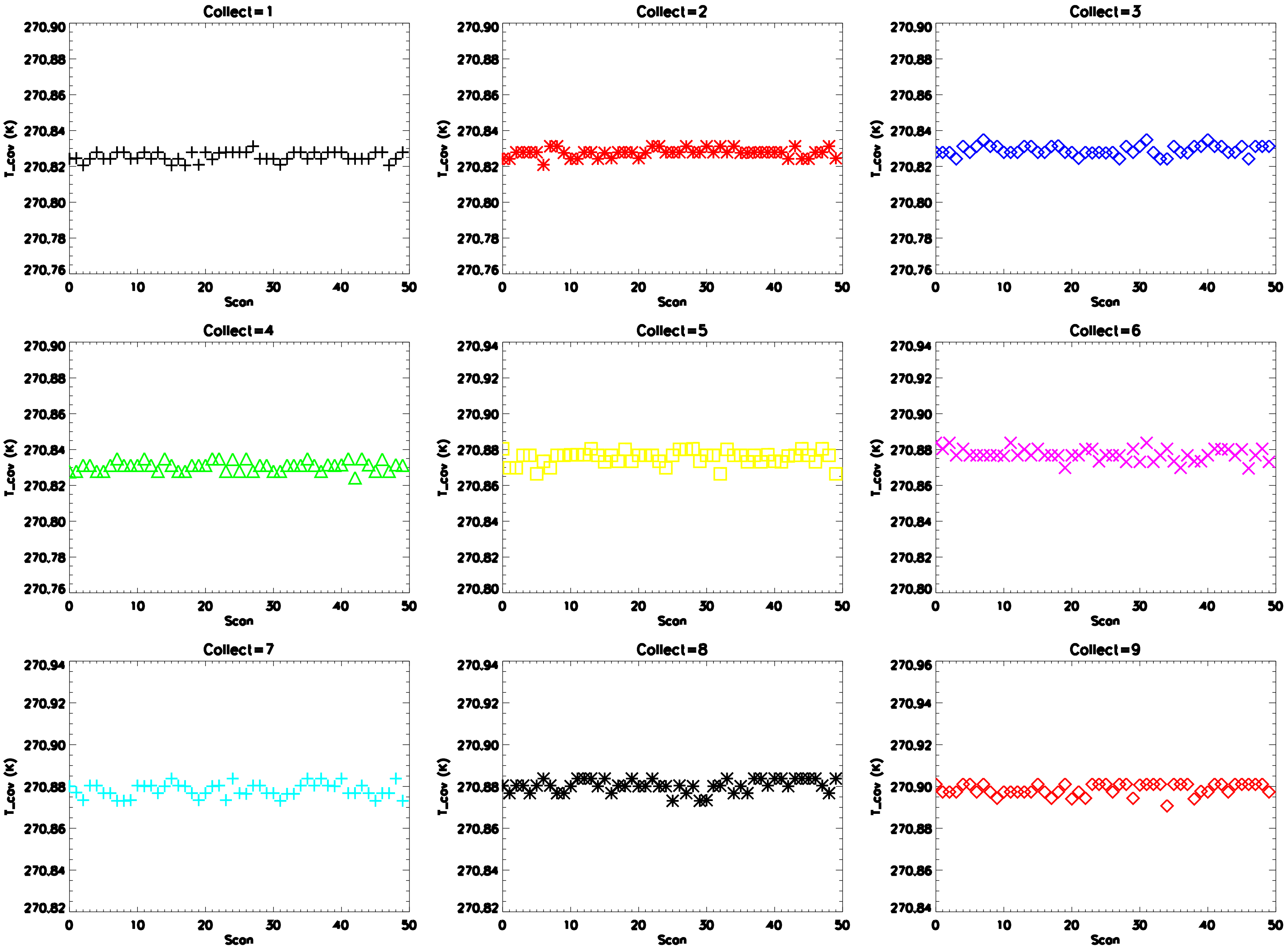
T_rta vs Scan


Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_rta (K)
Scan
265.88
265.90
265.92
265.94
265.96
265.98
266.00
266.02
0
10
20
30
40
50

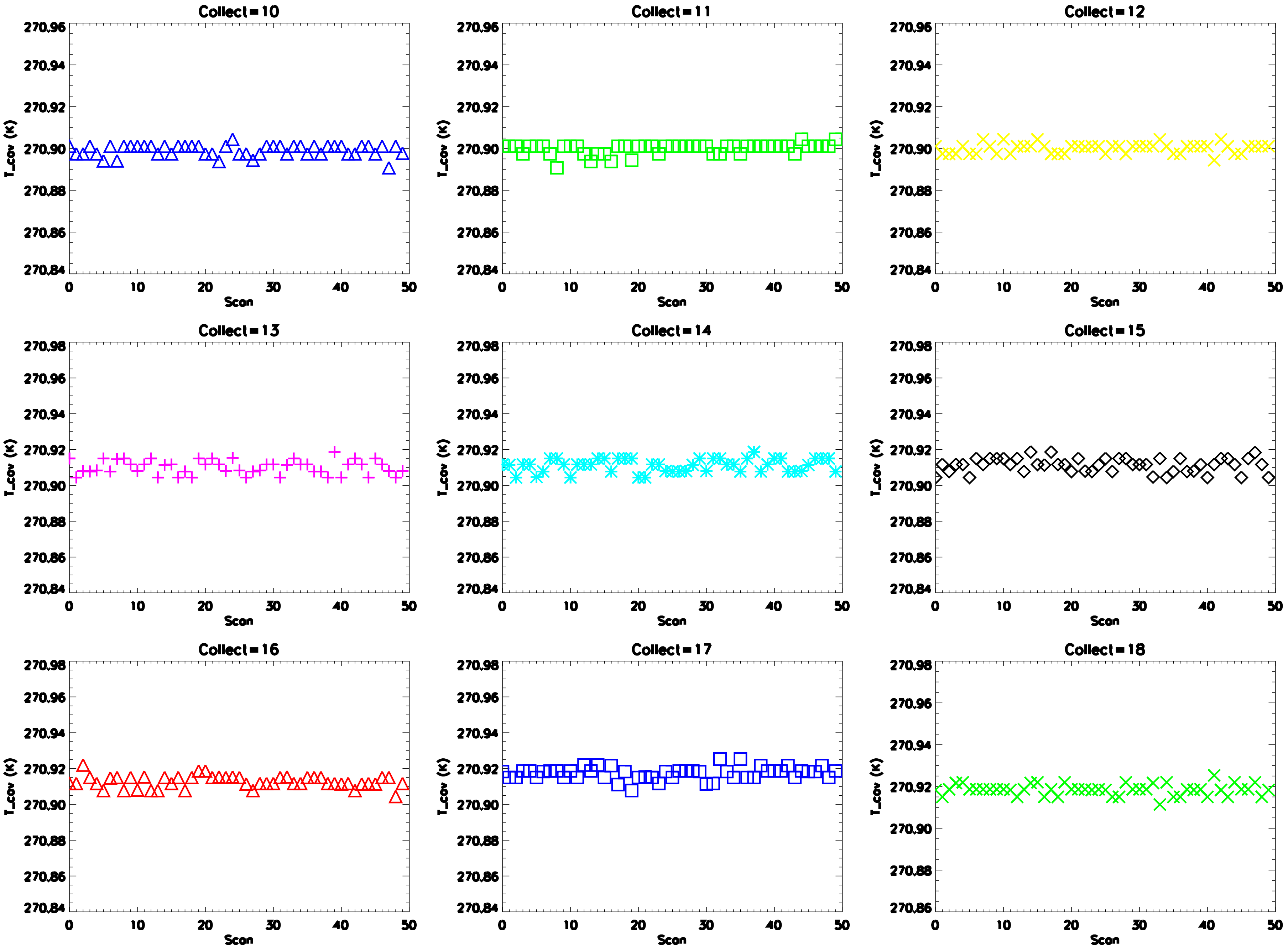
T_rta vs Scan

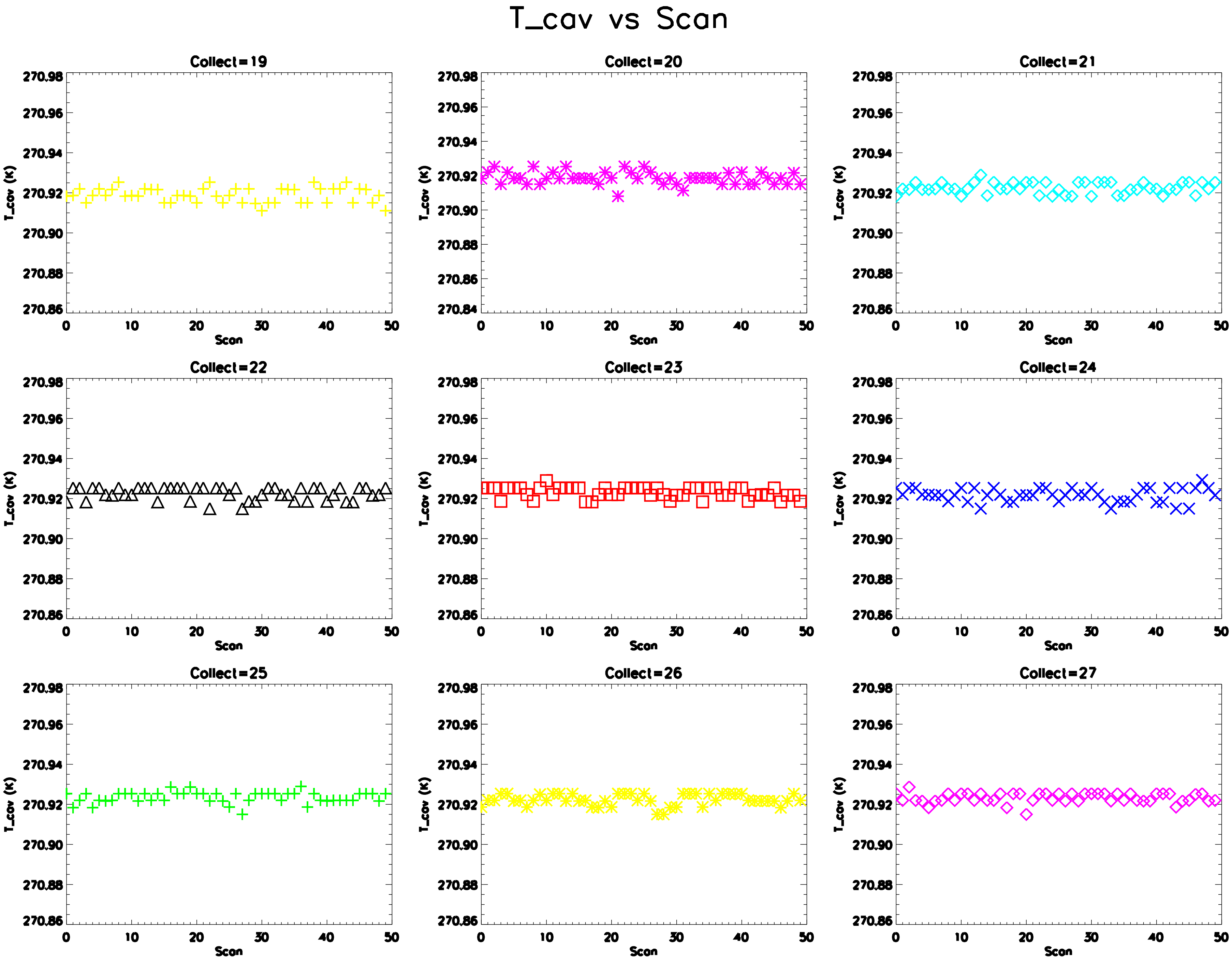

Collect=163
Collect=164
T_rta (K)
266.02
266.00
265.98
265.96
265.94
265.92
265.90
265.88
Scan
0
10
20
30
40
50

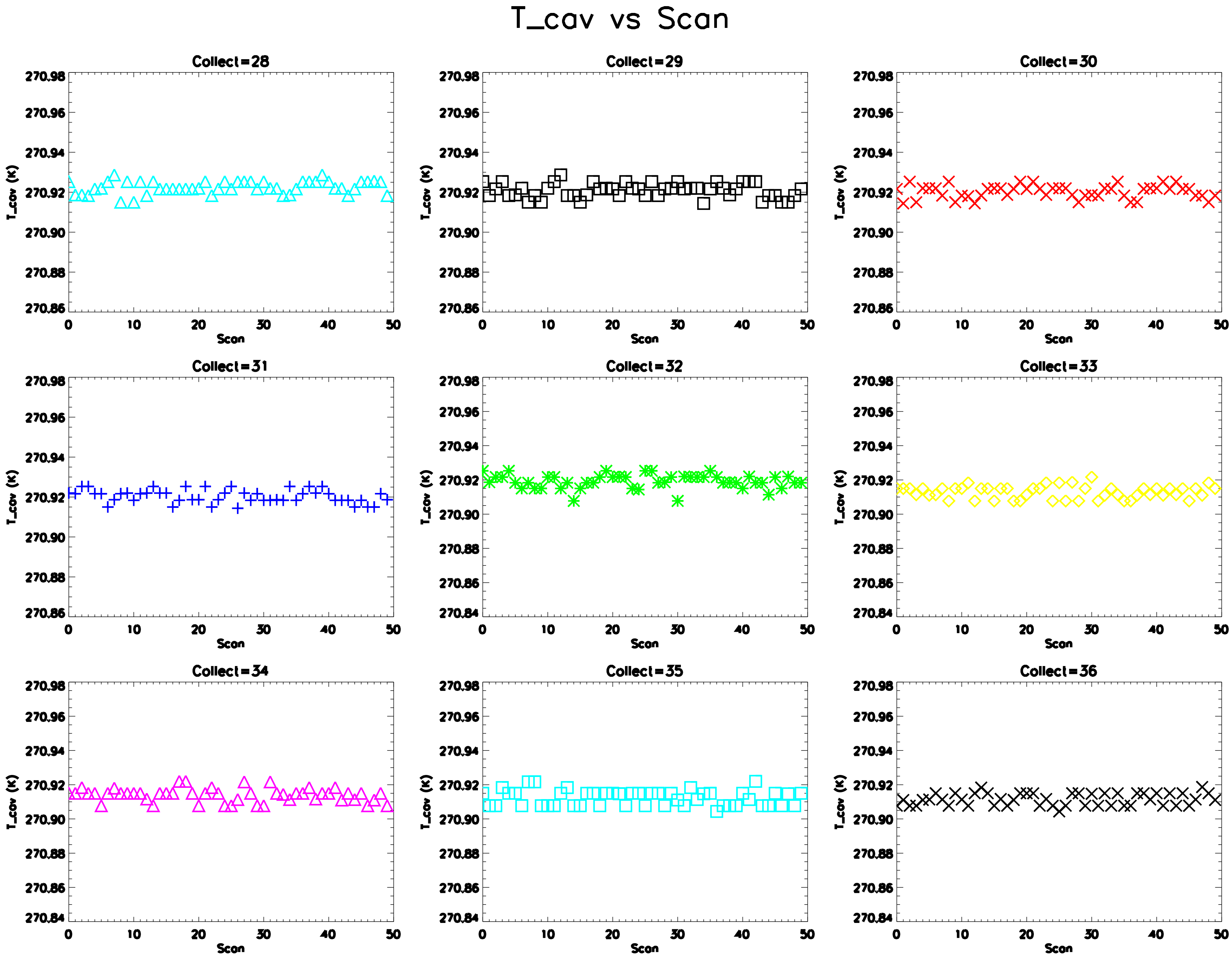
T_cav vs Scan

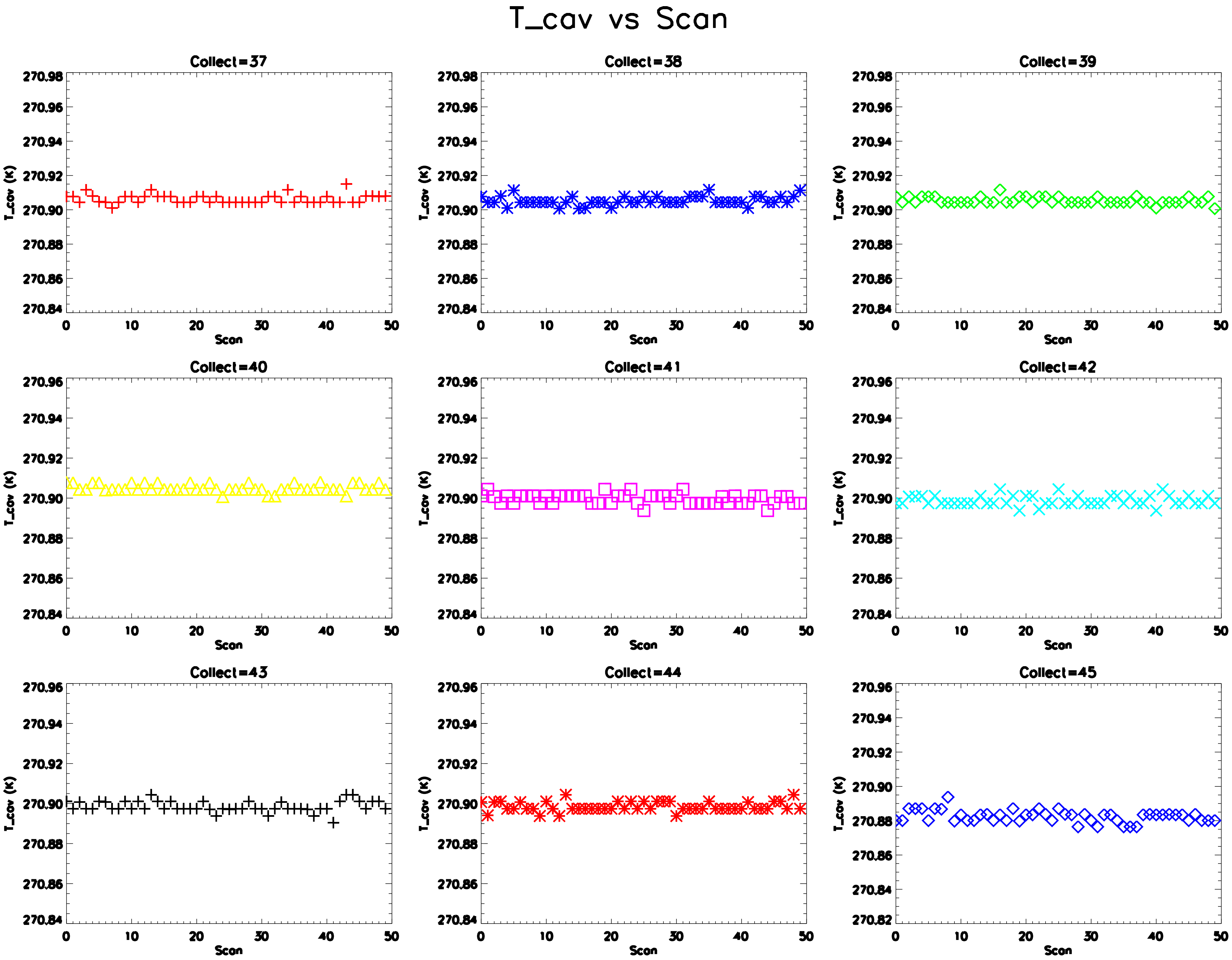

Collect=1
270.90
270.88
270.86
270.84
270.82
270.80
270.78
270.76
T_cav (K)
0
10
20
30
40
50
Scan
Collect=2
270.90
270.88
270.86
270.84
270.82
270.80
270.78
270.76
T_cav (K)
Scan
Collect=3
270.90
270.88
270.86
270.84
270.82
270.80
270.78
270.76
T_cav (K)
Scan
Collect=4
270.90
270.88
270.86
270.84
270.82
270.80
270.78
270.76
T_cav (K)
Scan
Collect=5
270.94
270.92
270.90
270.88
270.86
270.84
270.82
270.80
T_cav (K)
Scan
Collect=6
270.94
270.92
270.90
270.88
270.86
270.84
270.82
270.80
T_cav (K)
Scan
Collect=7
270.94
270.92
270.90
270.88
270.86
270.84
270.82
T_cav (K)
Scan
Collect=8
270.94
270.92
270.90
270.88
270.86
270.84
270.82
T_cav (K)
Scan
Collect=9
270.96
270.94
270.92
270.90
270.88
270.86
270.84
T_cav (K)
Scan

T_cav vs Scan

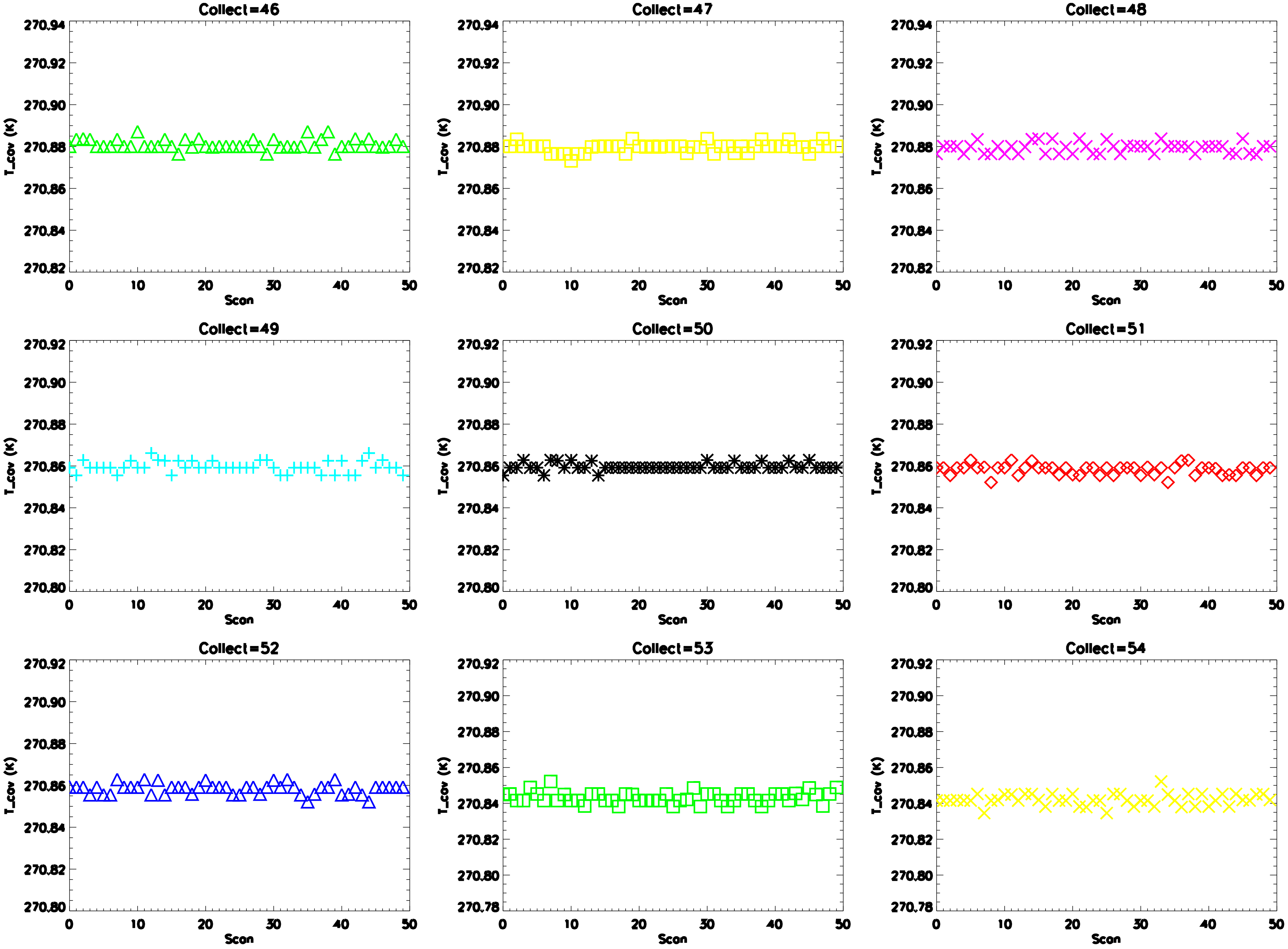

Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_cav (K)
Scan
270.84
270.86
270.88
270.90
270.92
270.94
270.96
270.98
0
10
20
30
40
50


T_cav vs Scan
Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_cav (K)
Scan
270.98
270.96
270.94
270.92
270.90
270.88
270.86
270.84
0
10
20
30
40
50

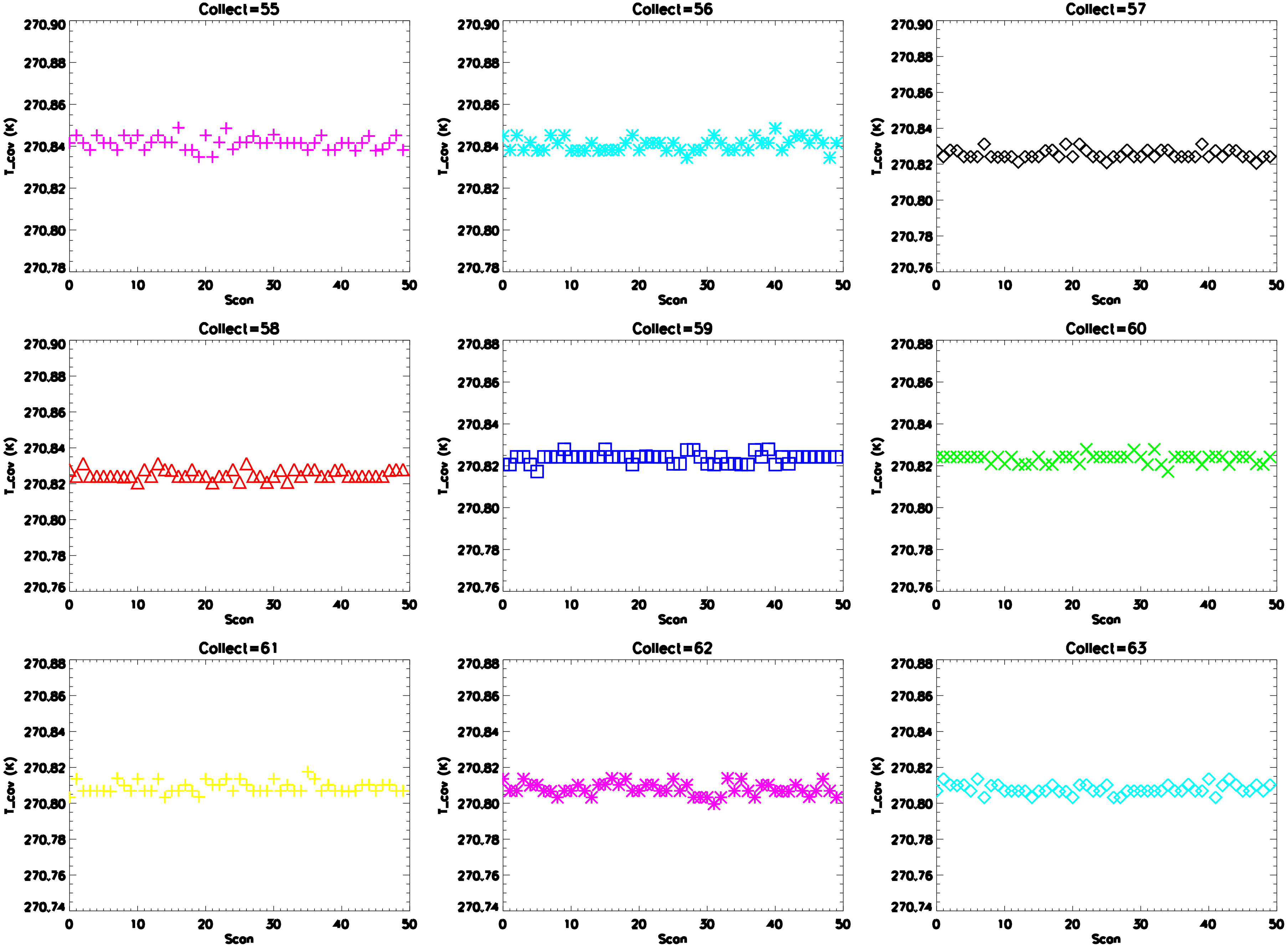

T_cav vs Scan
Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_cav (K)
Scan
270.84
270.86
270.88
270.90
270.92
270.94
270.96
270.98
0
10
20
30
40
50


T_cav vs Scan
Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_cav (K)
Scan
270.98
270.96
270.94
270.92
270.90
270.88
270.86
270.84
270.82
0
10
20
30
40
50

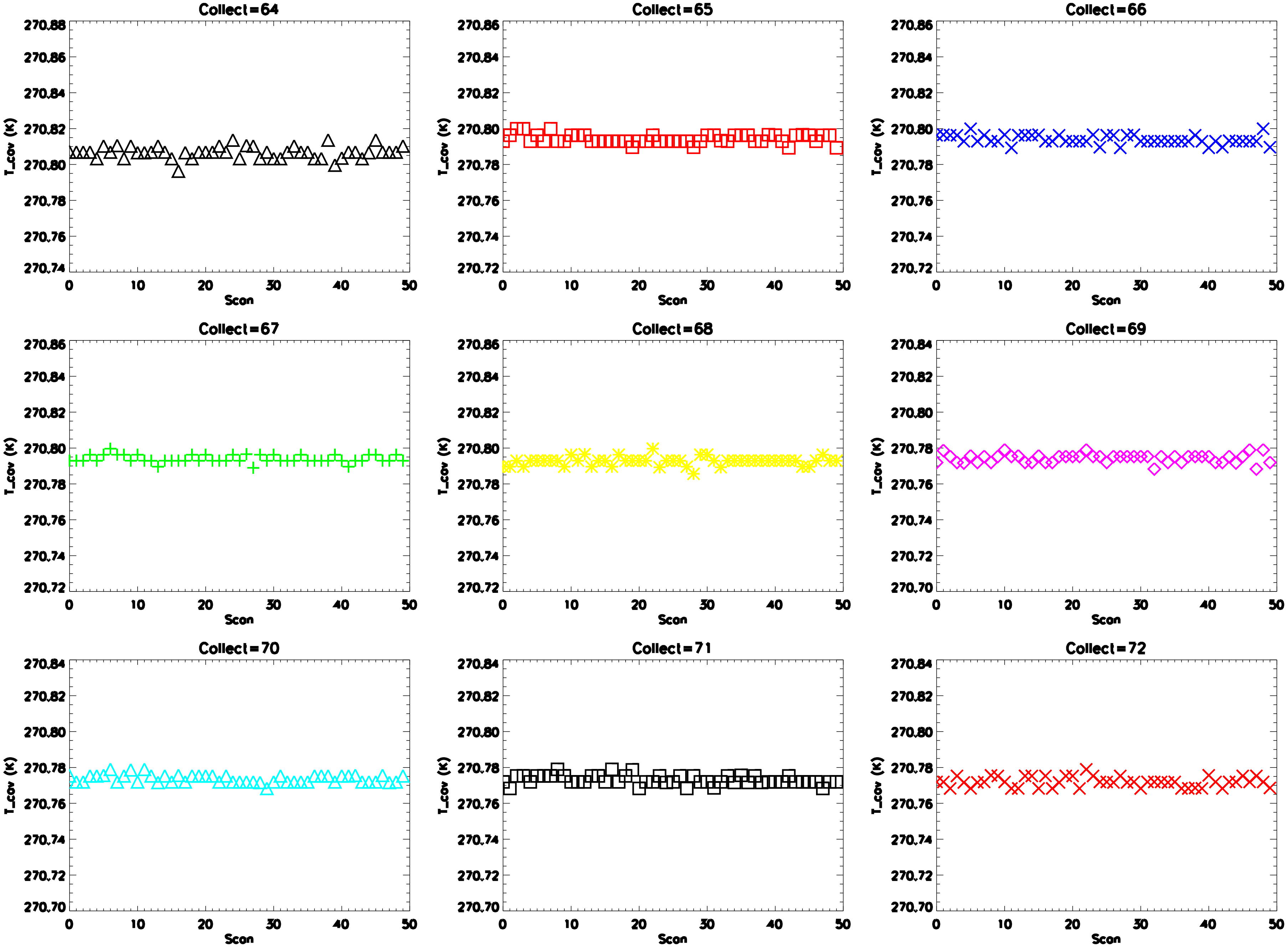
T_cav vs Scan


Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54

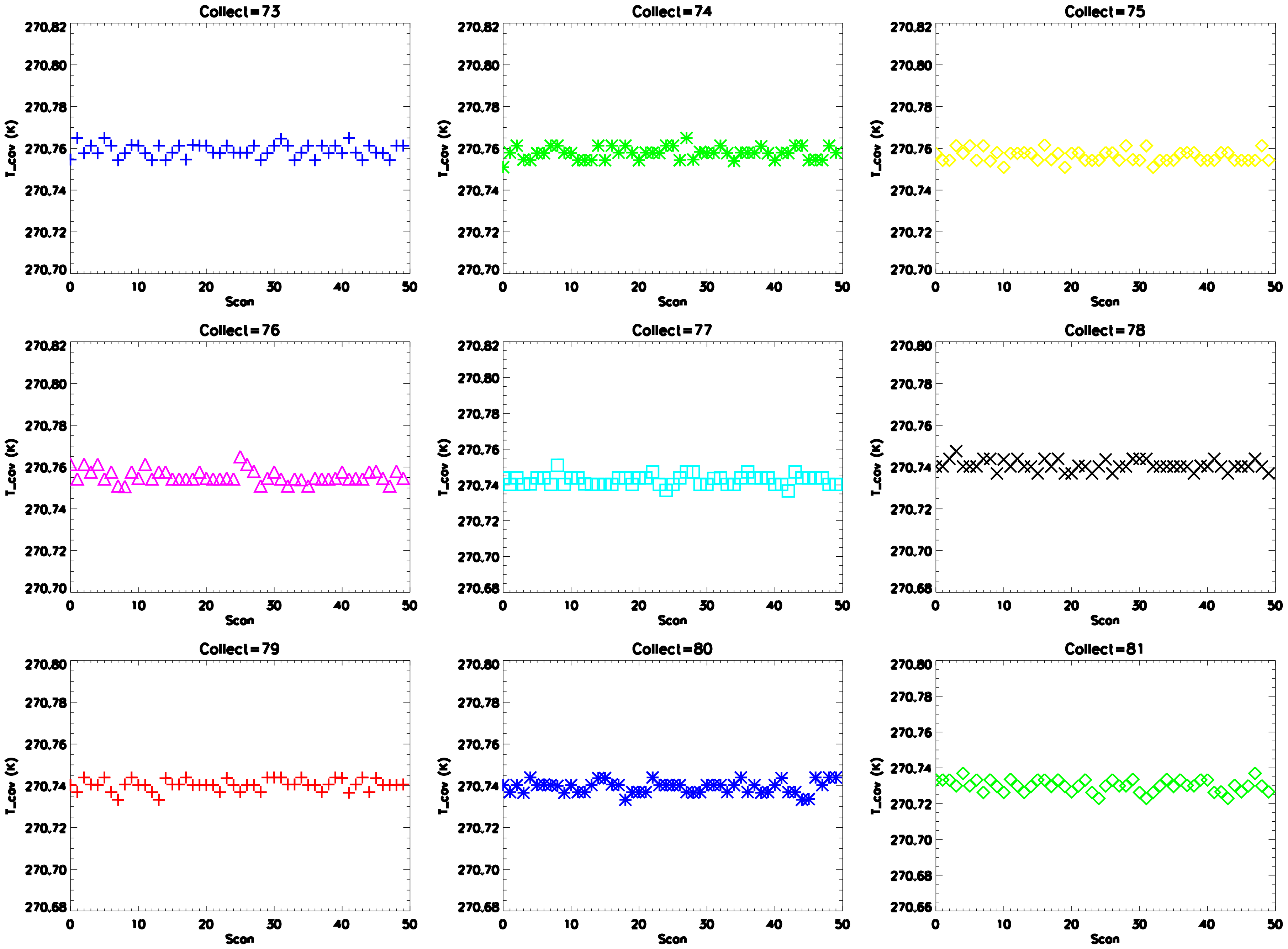
T_cav vs Scan


Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_cav (K)
Scan
270.74
270.76
270.78
270.80
270.82
270.84
270.86
270.88
270.90
0
10
20
30
40
50

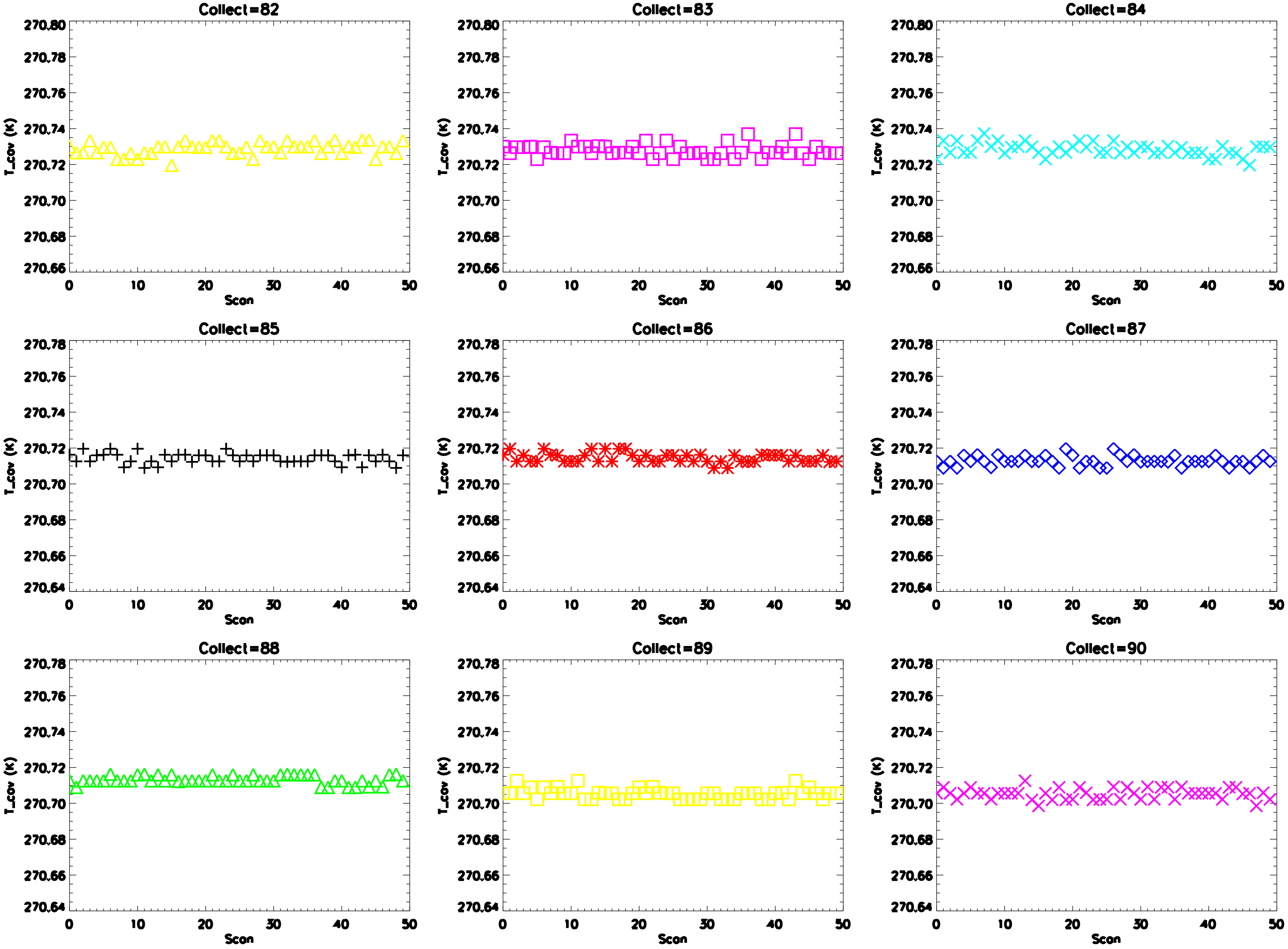
T_cav vs Scan


Collect=64
Collect=65
Collect=66
Collect=67
Collect=68
Collect=69
Collect=70
Collect=71
Collect=72
T_cav (K)
Scan
0
10
20
30
40
50
270.88
270.86
270.84
270.82
270.80
270.78
270.76
270.74
270.72
270.70

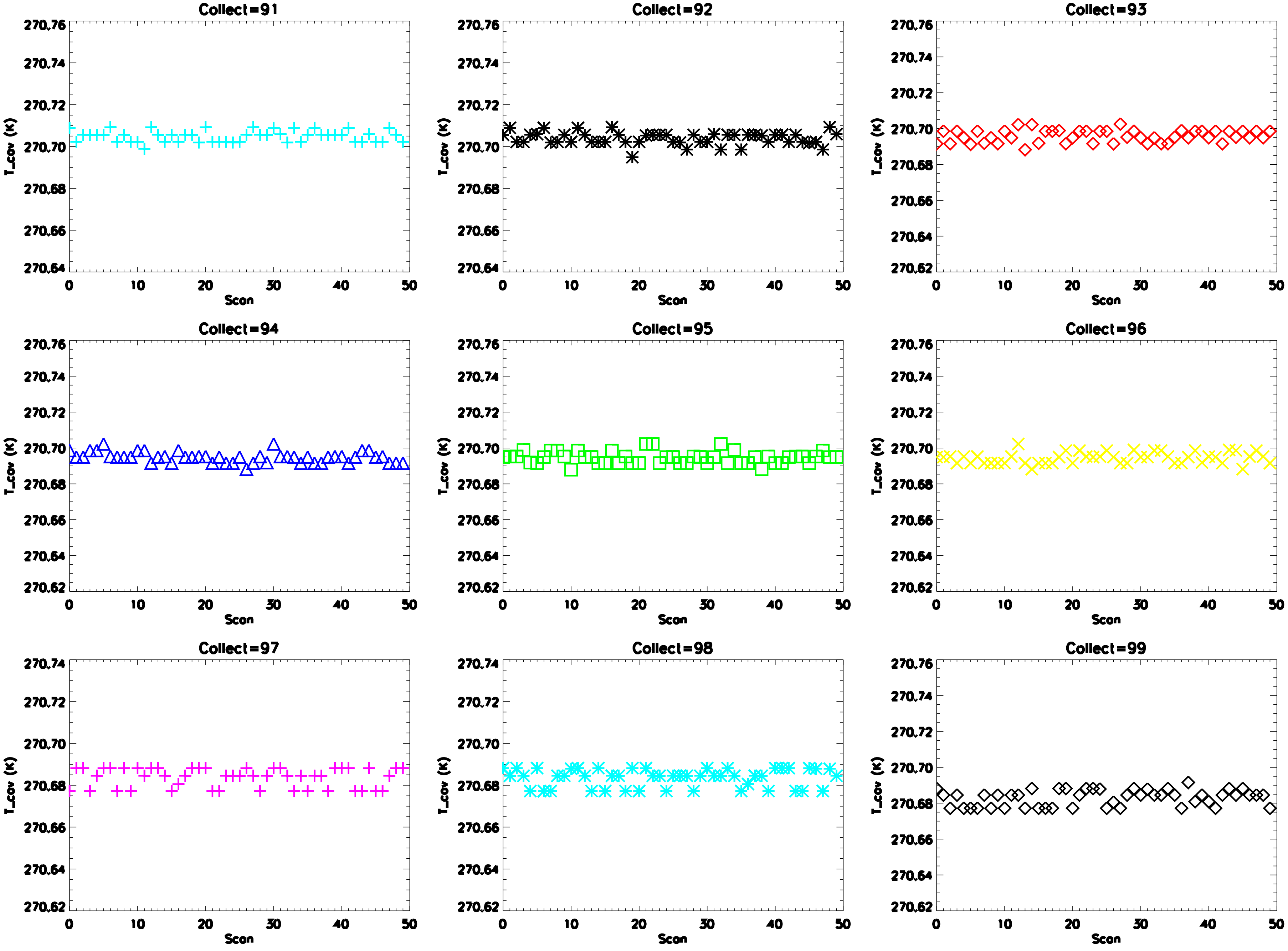
T_cav vs Scan


Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
T_cov (K)
Scan
0
10
20
30
40
50
270.66
270.68
270.70
270.72
270.74
270.76
270.78
270.80
270.82

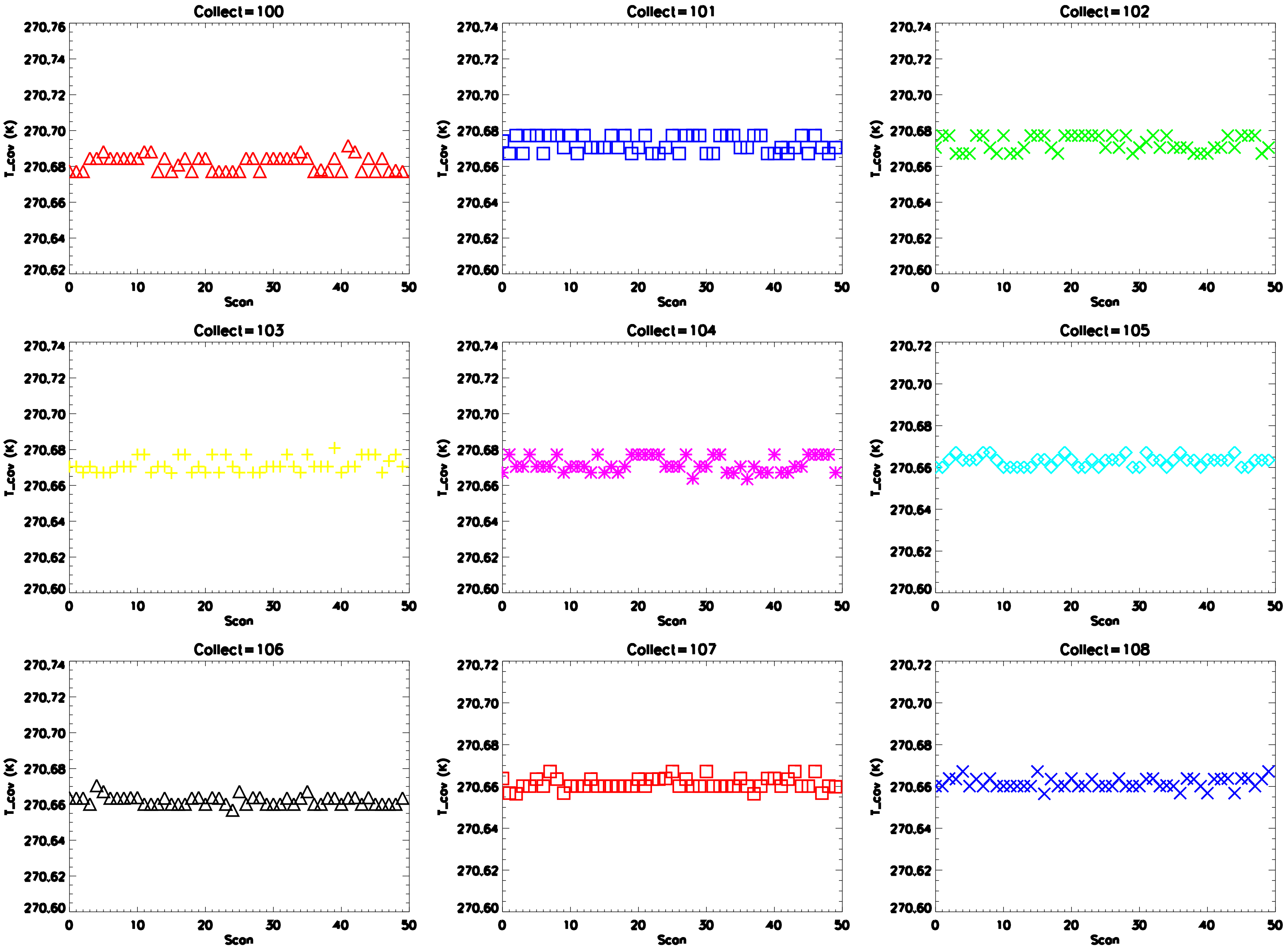
T_cav vs Scan


Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_cav (K)
Scan
270.64
270.66
270.68
270.70
270.72
270.74
270.76
270.78
270.80
0
10
20
30
40
50

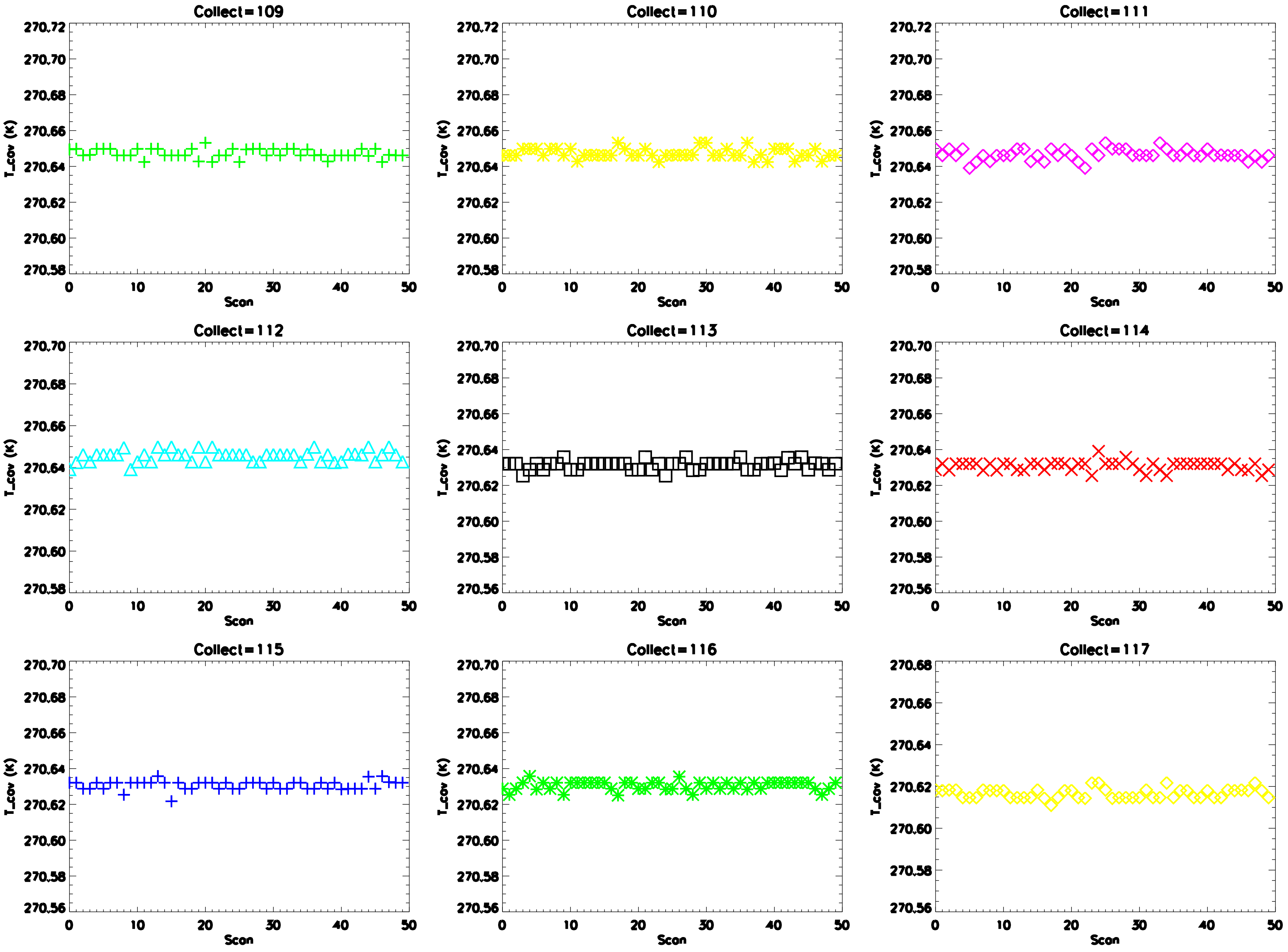
T_cav vs Scan


Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
T_cav (K)
Scan
270.62
270.64
270.66
270.68
270.70
270.72
270.74
270.76
0
10
20
30
40
50

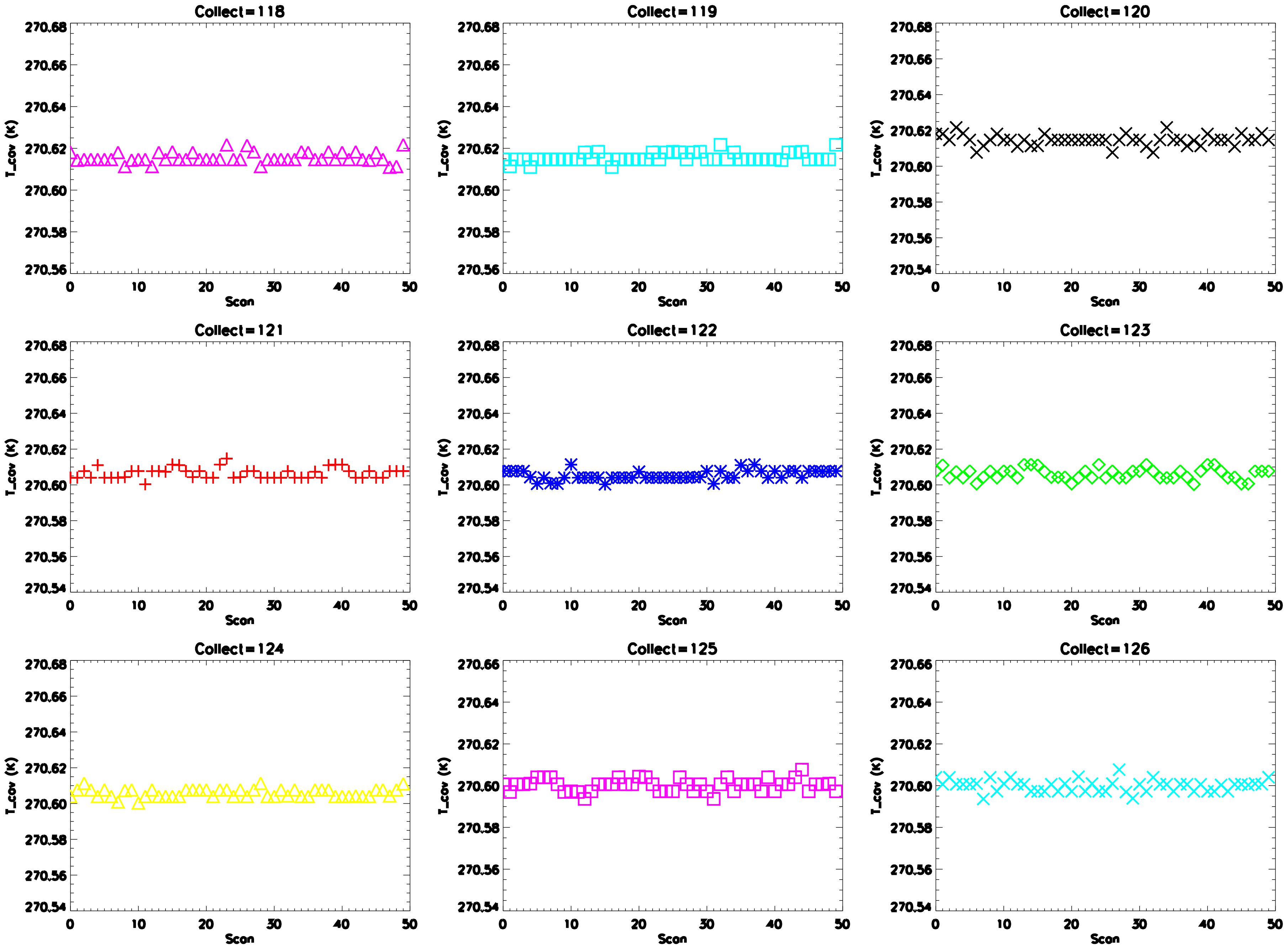
T_cav vs Scan


Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
T_cav (K)
Scan
0
10
20
30
40
50
270.60
270.62
270.64
270.66
270.68
270.70
270.72
270.74
270.76

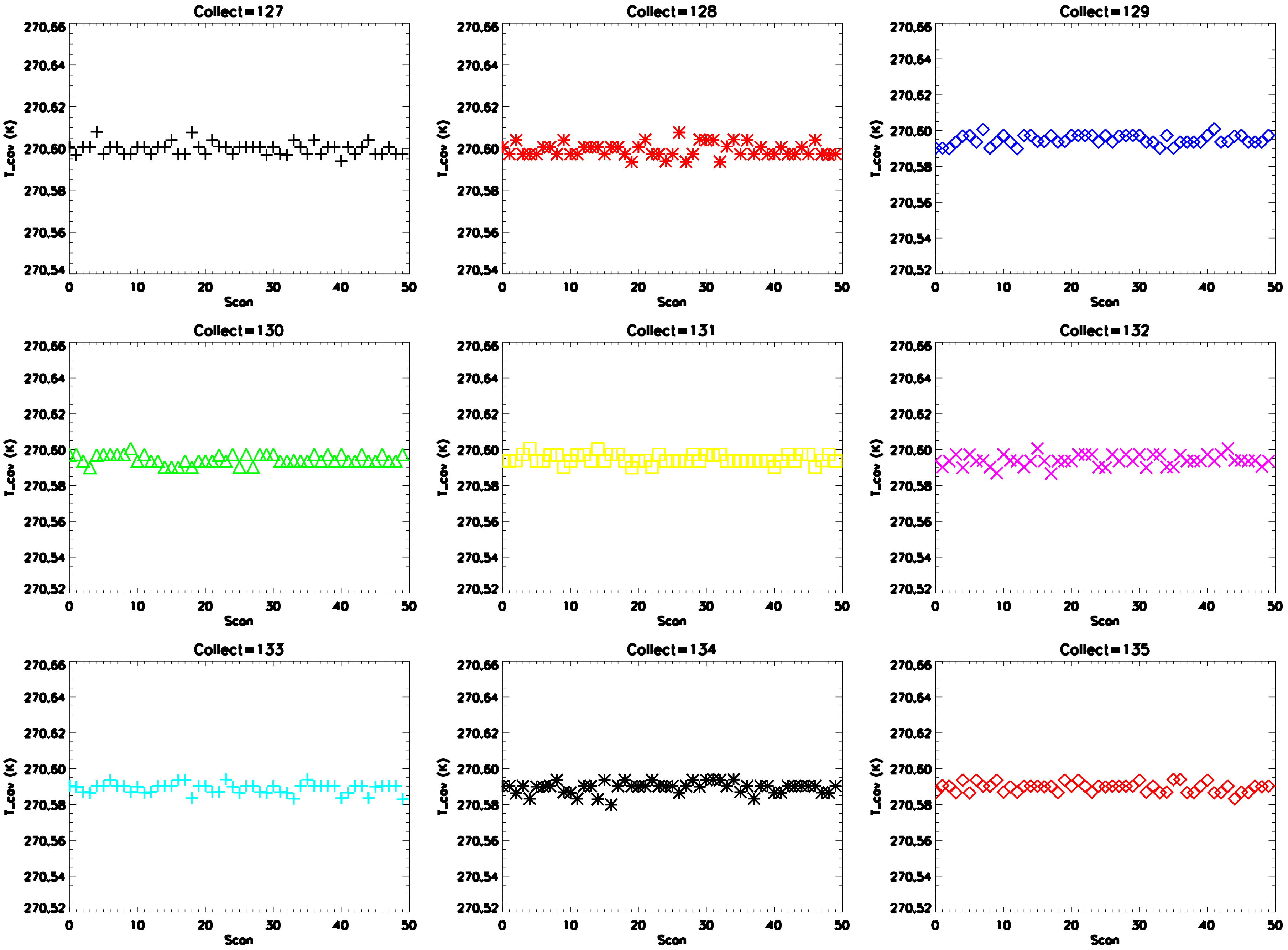
T_cav vs Scan


Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
T_cav (K)
Scan
270.56
270.58
270.60
270.62
270.64
270.66
270.68
270.70
270.72
0
10
20
30
40
50

T_cav vs Scan


Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
T_cav (K)
Scan
0
10
20
30
40
50
270.54
270.56
270.58
270.60
270.62
270.64
270.66
270.68

T_cav vs Scan



Collect=127

Collect=128

Collect=129

Collect=130

Collect=131

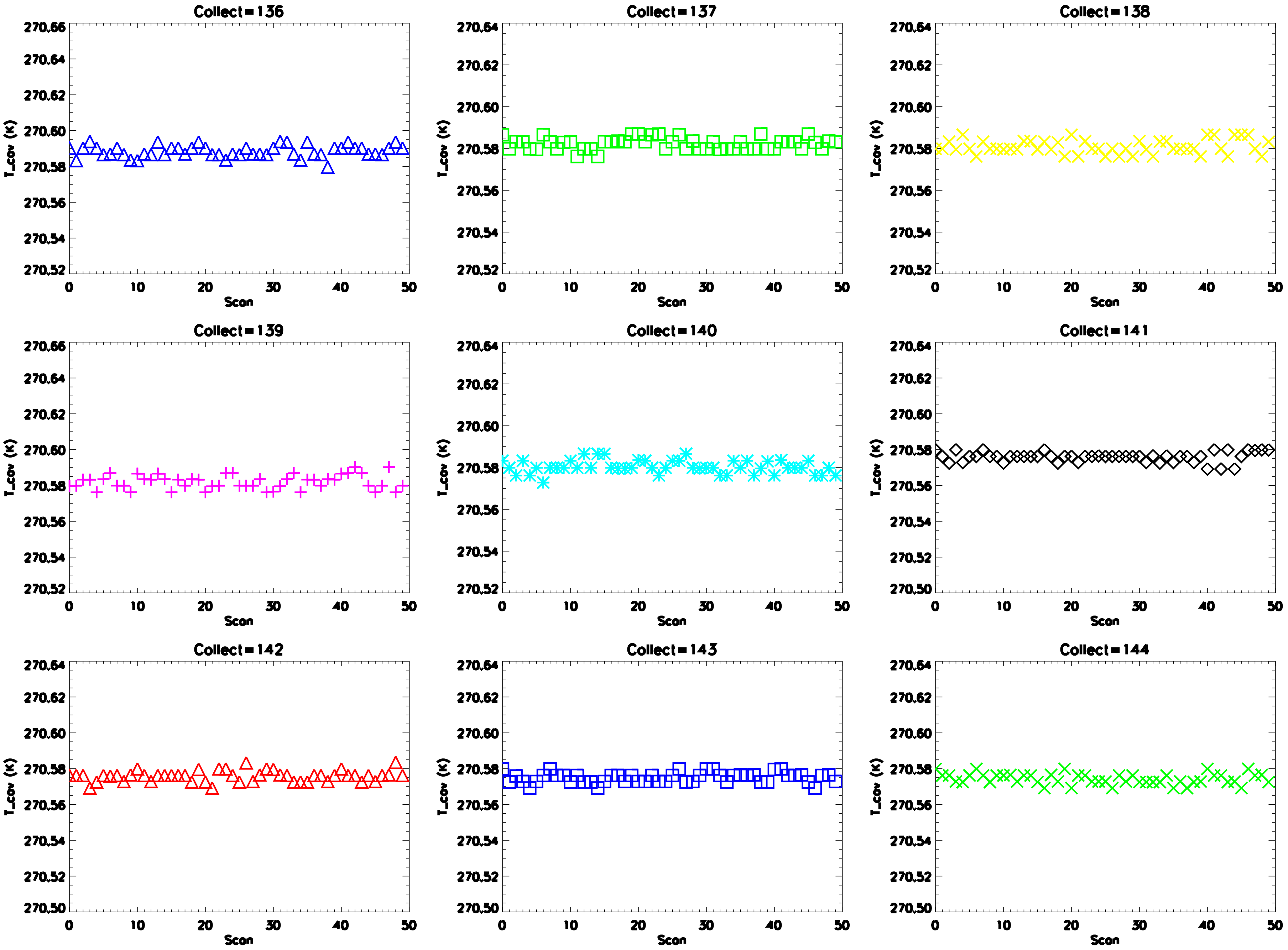
Collect=132

Collect=133

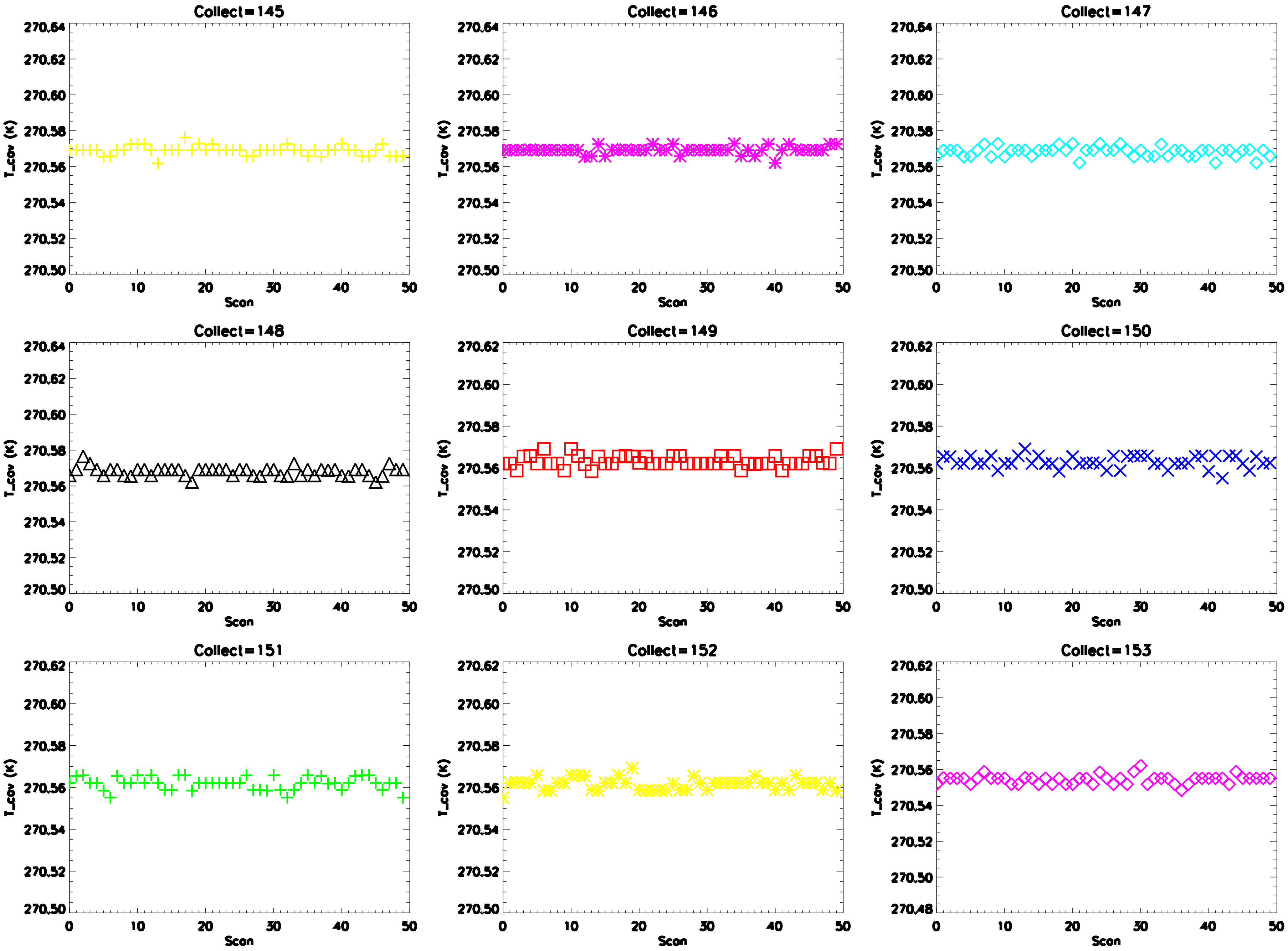
Collect=134

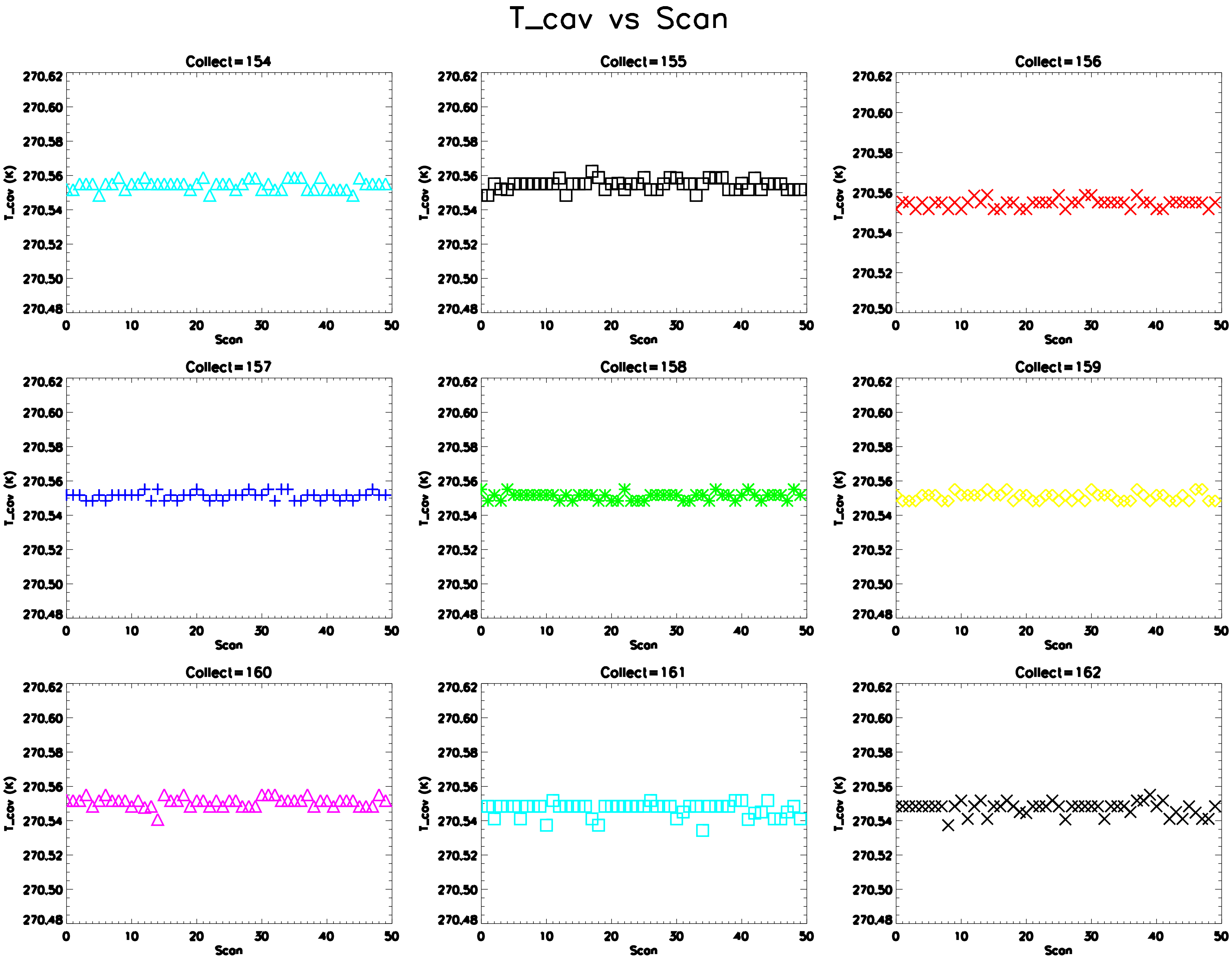
Collect=135

T_cav vs Scan

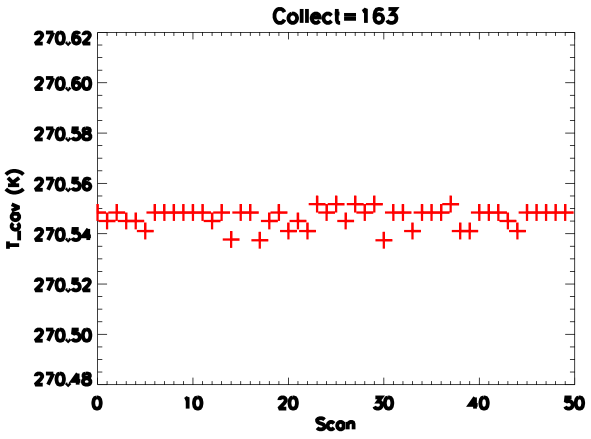

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_cav (K)
Scan
270.50
270.52
270.54
270.56
270.58
270.60
270.62
270.64
270.66
0
10
20
30
40
50

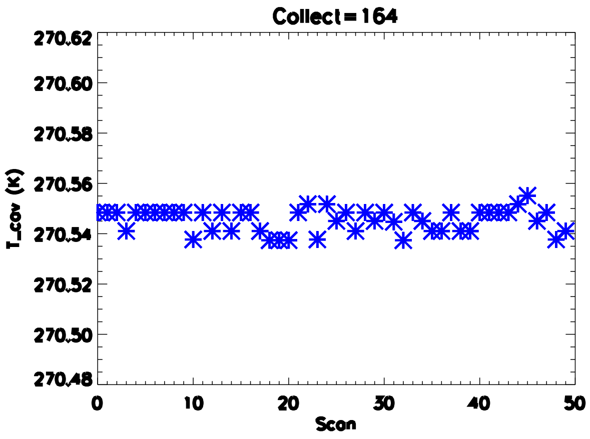
T_cav vs Scan


Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_cav (K)
Scan
270.64
270.62
270.60
270.58
270.56
270.54
270.52
270.50
270.48
0
10
20
30
40
50

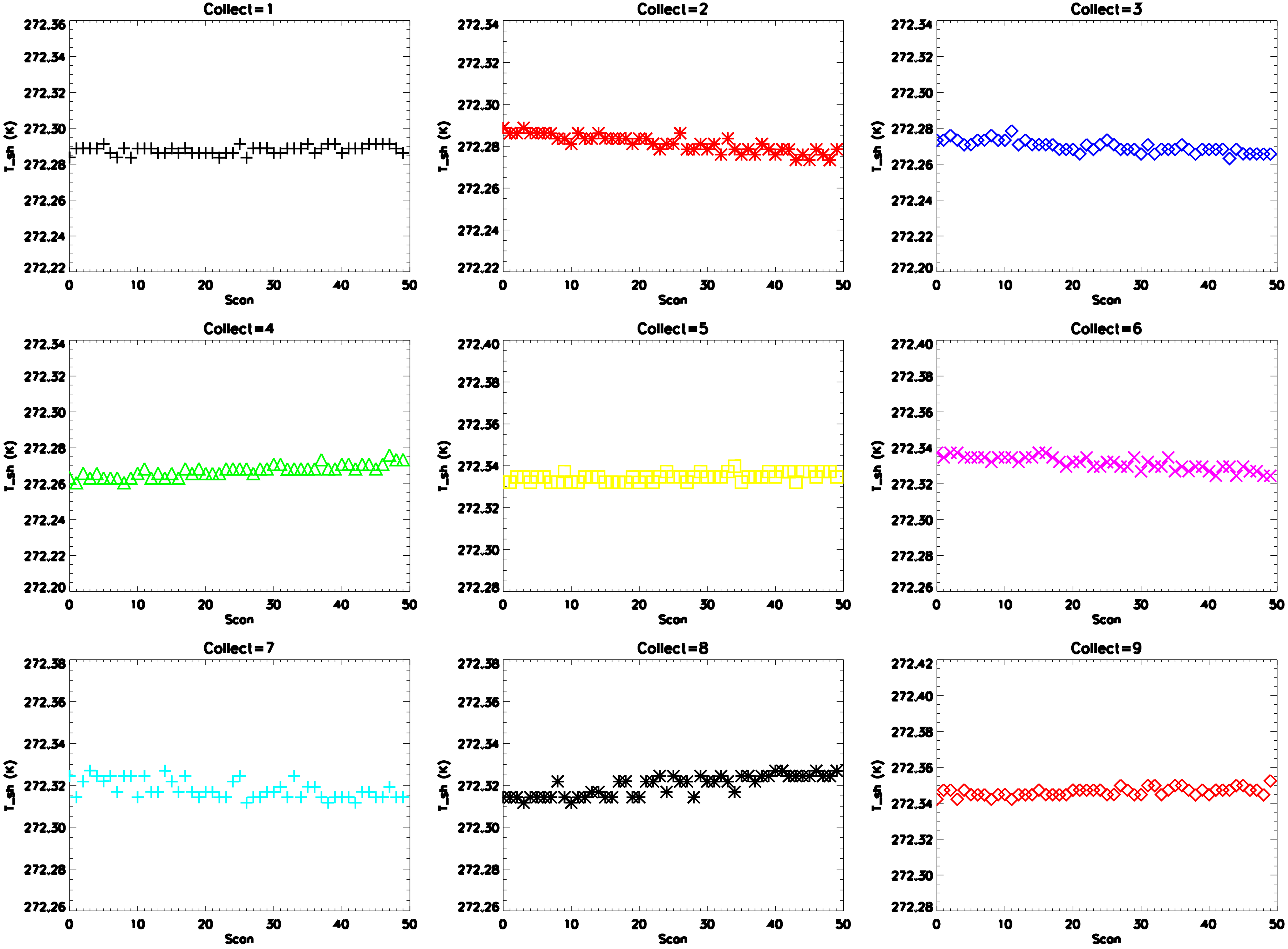

T_cav vs Scan
Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_cav (K)
Scan
270.62
270.60
270.58
270.56
270.54
270.52
270.50
270.48
0
10
20
30
40
50

T_cav vs Scan

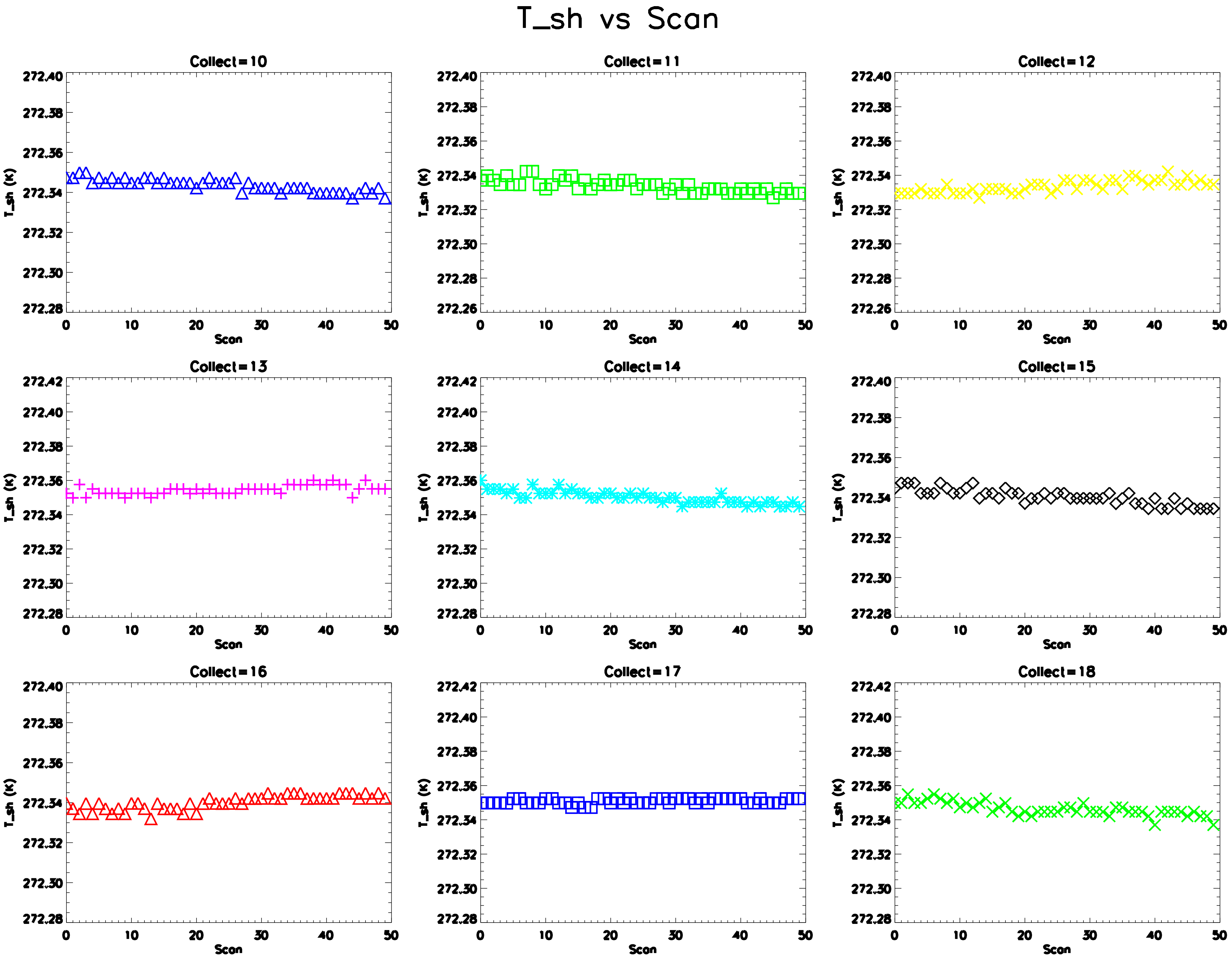

Collect=163
270.62
270.60
270.58
270.56
270.54
270.52
270.50
270.48
T_cav (K)
0
10
20
30
40
50
Scan

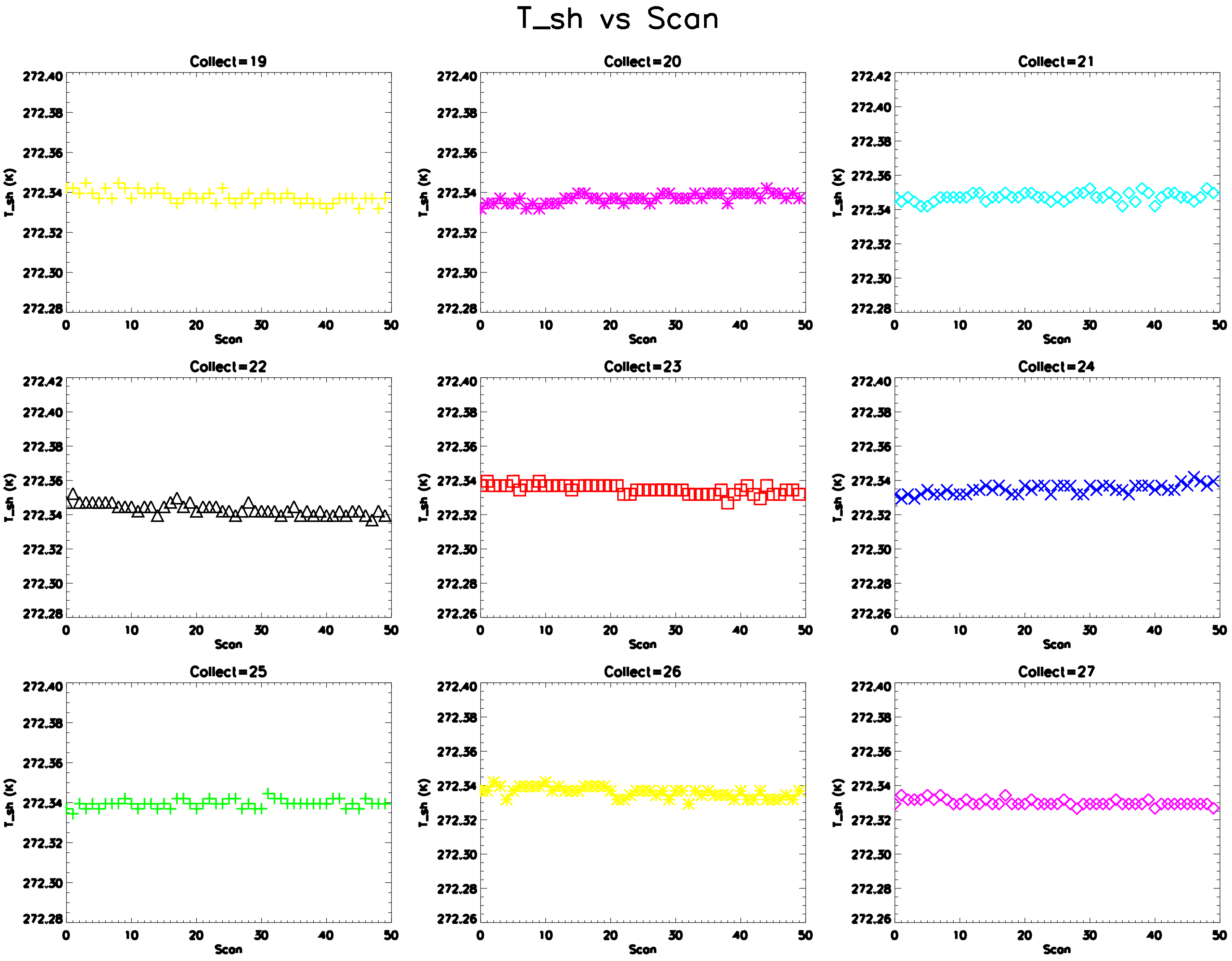

Collect=164
270.62
270.60
270.58
270.56
270.54
270.52
270.50
270.48
T_cav (K)
0
10
20
30
40
50
Scan

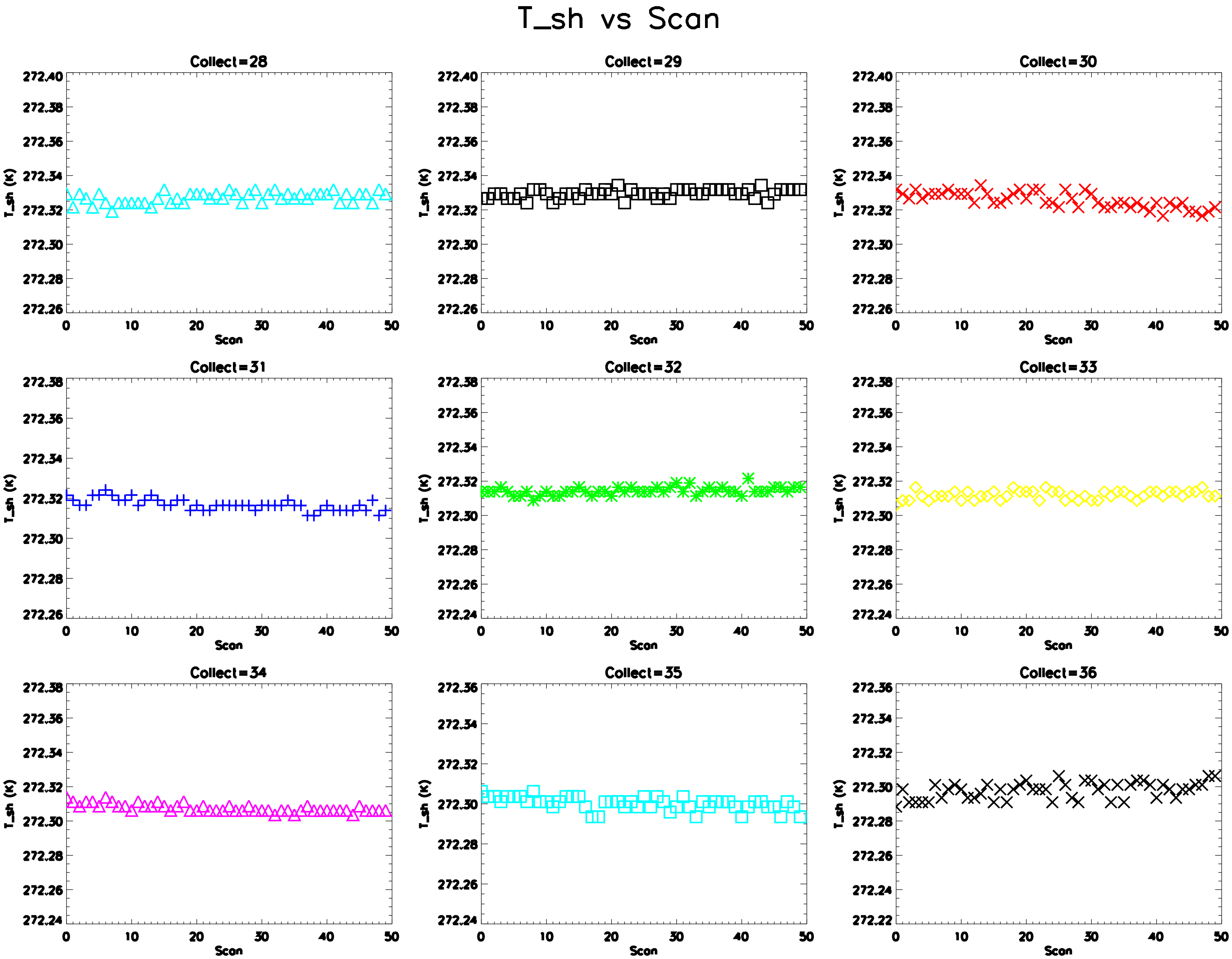
T_sh vs Scan

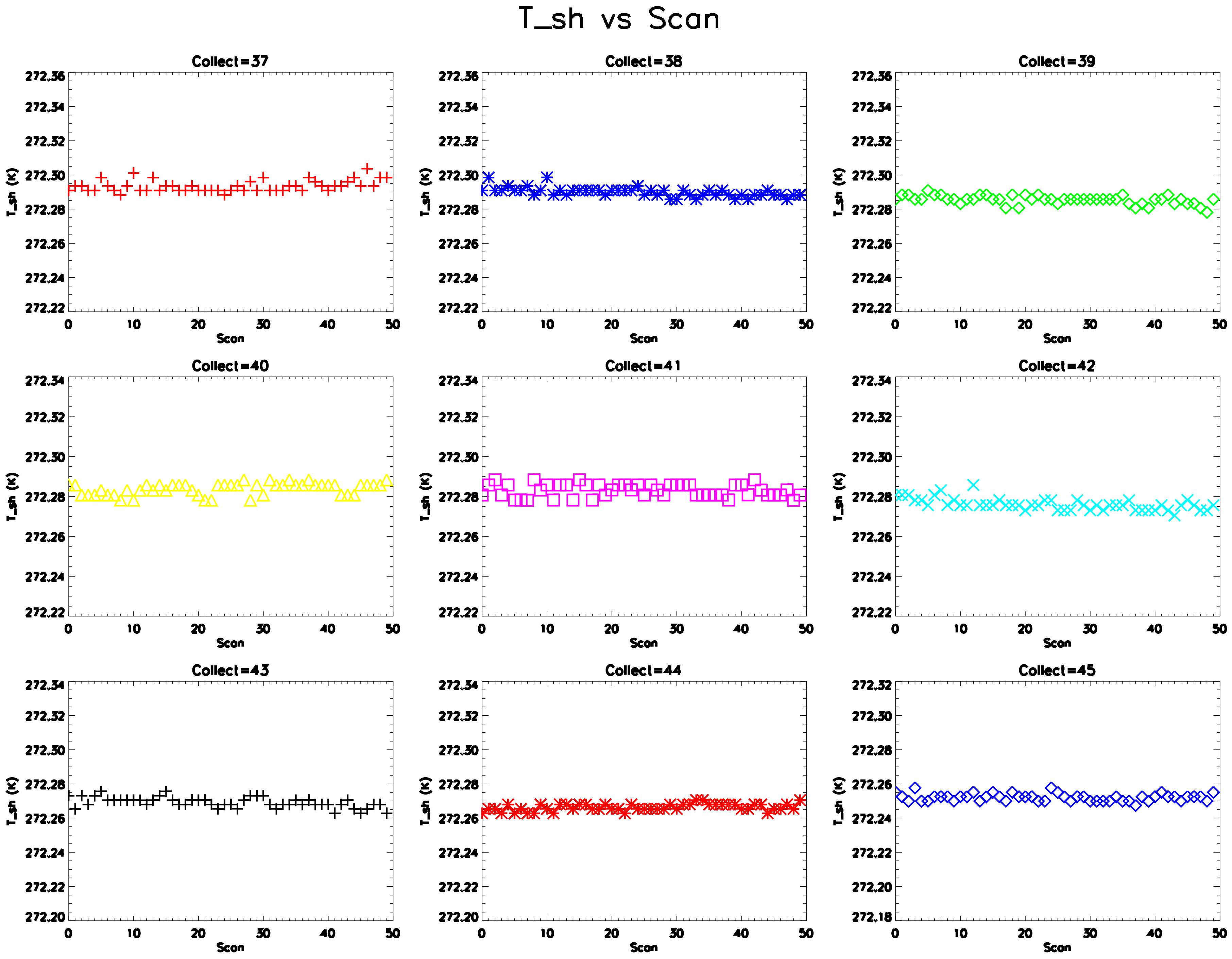


Collect=1
272.36
272.34
272.32
272.30
272.28
272.26
272.24
272.22
Collect=2
272.34
272.32
272.30
272.28
272.26
272.24
272.22
Collect=3
272.34
272.32
272.30
272.28
272.26
272.24
272.22
272.20
Collect=4
272.34
272.32
272.30
272.28
272.26
272.24
272.22
272.20
Collect=5
272.40
272.38
272.36
272.34
272.32
272.30
272.28
Collect=6
272.40
272.38
272.36
272.34
272.32
272.30
272.28
272.26
Collect=7
272.38
272.36
272.34
272.32
272.30
272.28
272.26
Collect=8
272.38
272.36
272.34
272.32
272.30
272.28
272.26
Collect=9
272.42
272.40
272.38
272.36
272.34
272.32
272.30
272.28
T_sh (K)
0
10
20
30
40
50
Scan

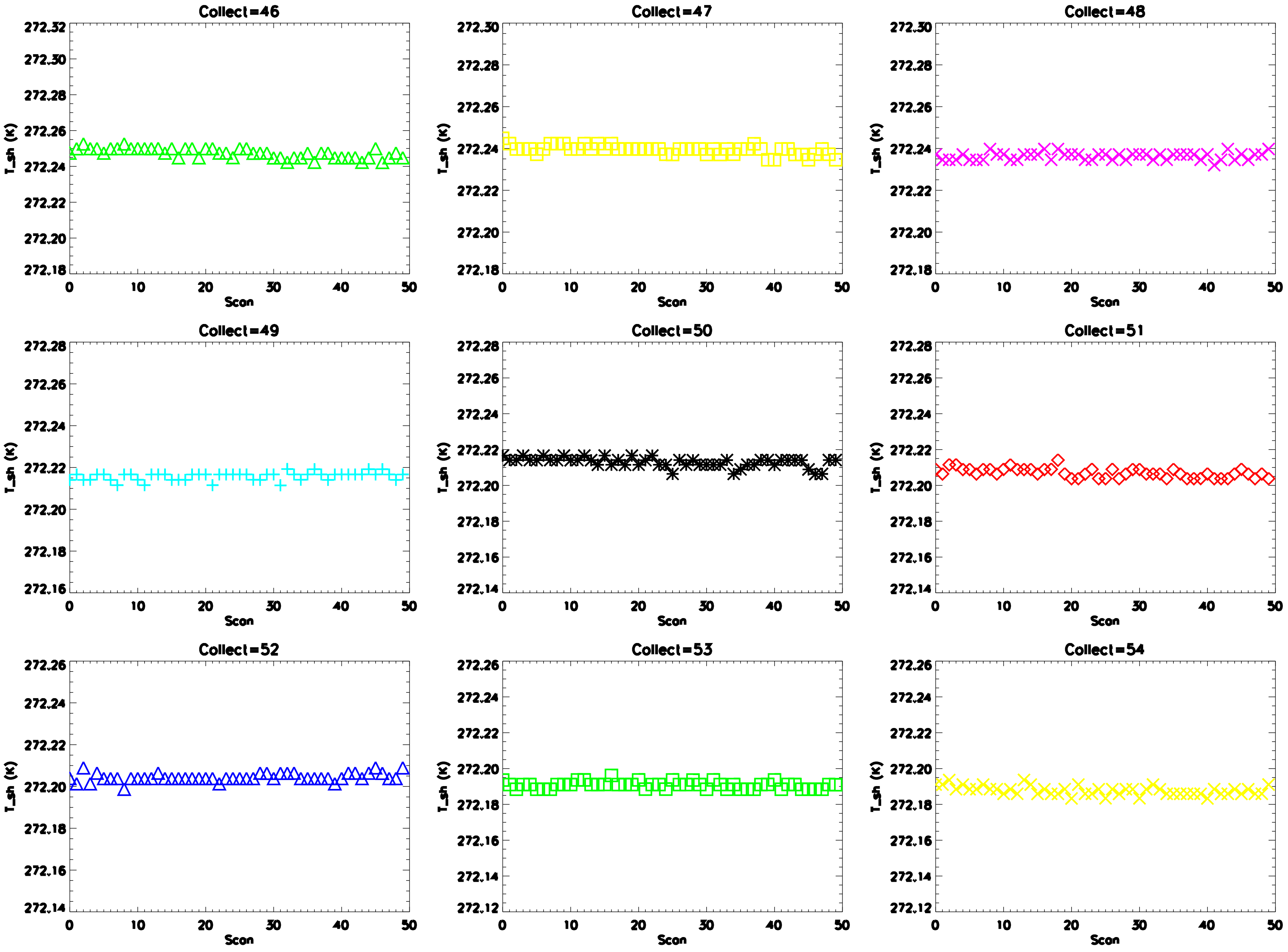

T_sh vs Scan
Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_sh (K)
Scan
0
10
20
30
40
50
272.26
272.28
272.30
272.32
272.34
272.36
272.38
272.40
272.42

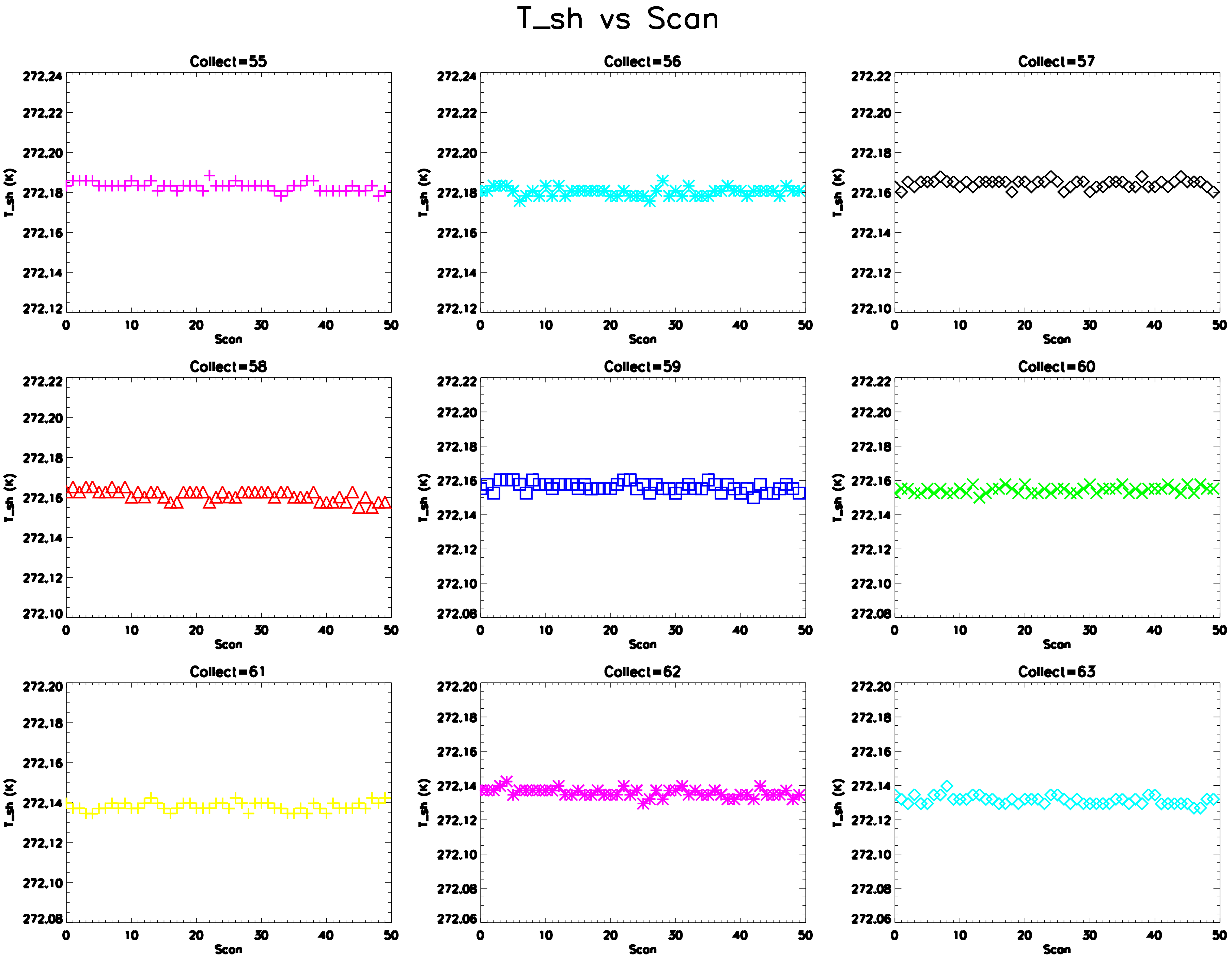

T_sh vs Scan
Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_sh (K)
Scan
0
10
20
30
40
50
272.26
272.28
272.30
272.32
272.34
272.36
272.38
272.40
272.42


T_sh vs Scan
Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_sh (K)
Scan
0
10
20
30
40
50
272.22
272.24
272.26
272.28
272.30
272.32
272.34
272.36
272.38
272.40

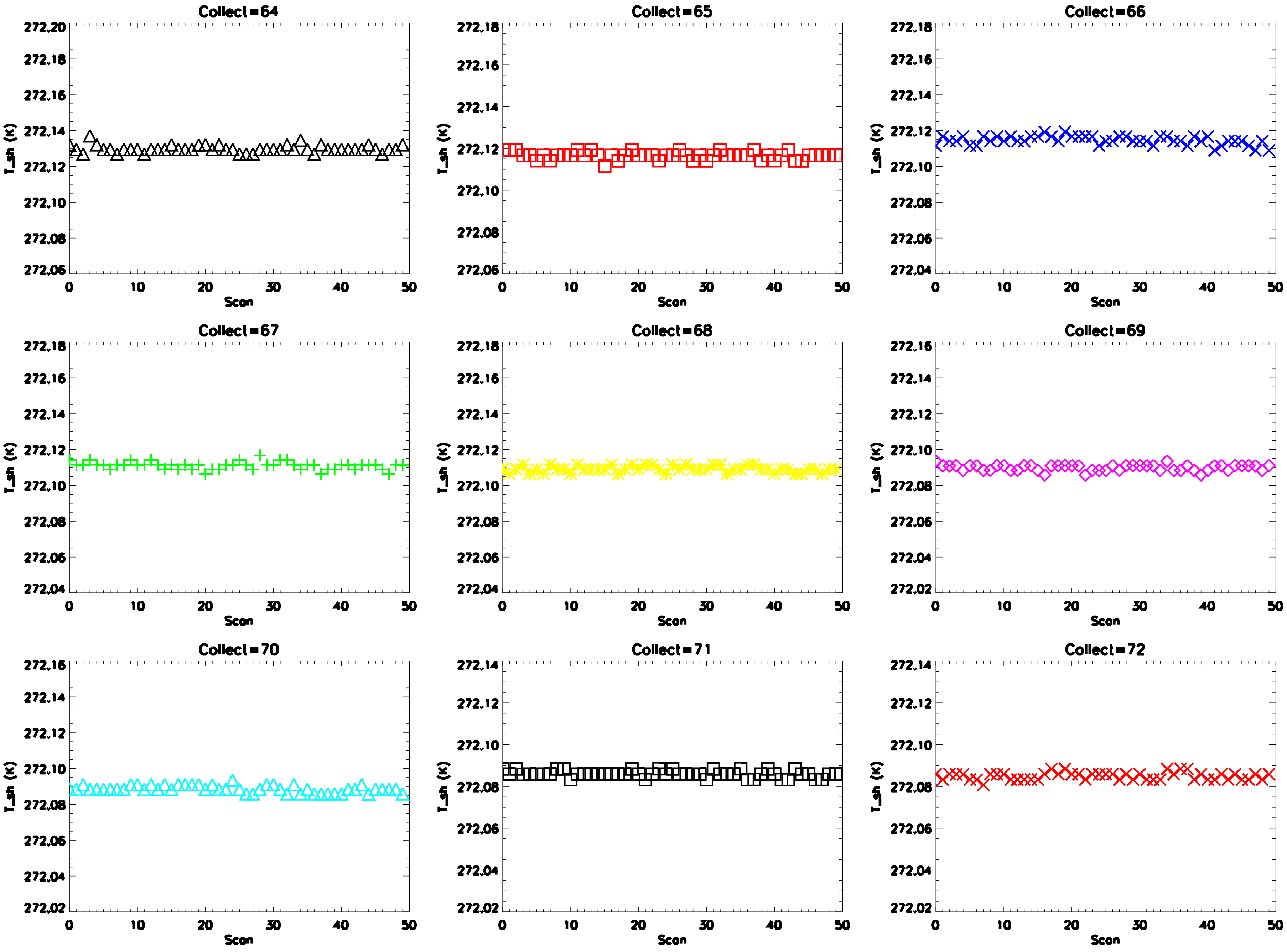

T_sh vs Scan
Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_sh (K)
Scan
272.36
272.34
272.32
272.30
272.28
272.26
272.24
272.22
272.20
272.18
0
10
20
30
40
50

T_sh vs Scan


Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
T_sh (K)
Scan
0
10
20
30
40
50
272.32
272.30
272.28
272.26
272.24
272.22
272.20
272.18
272.16
272.14
272.12

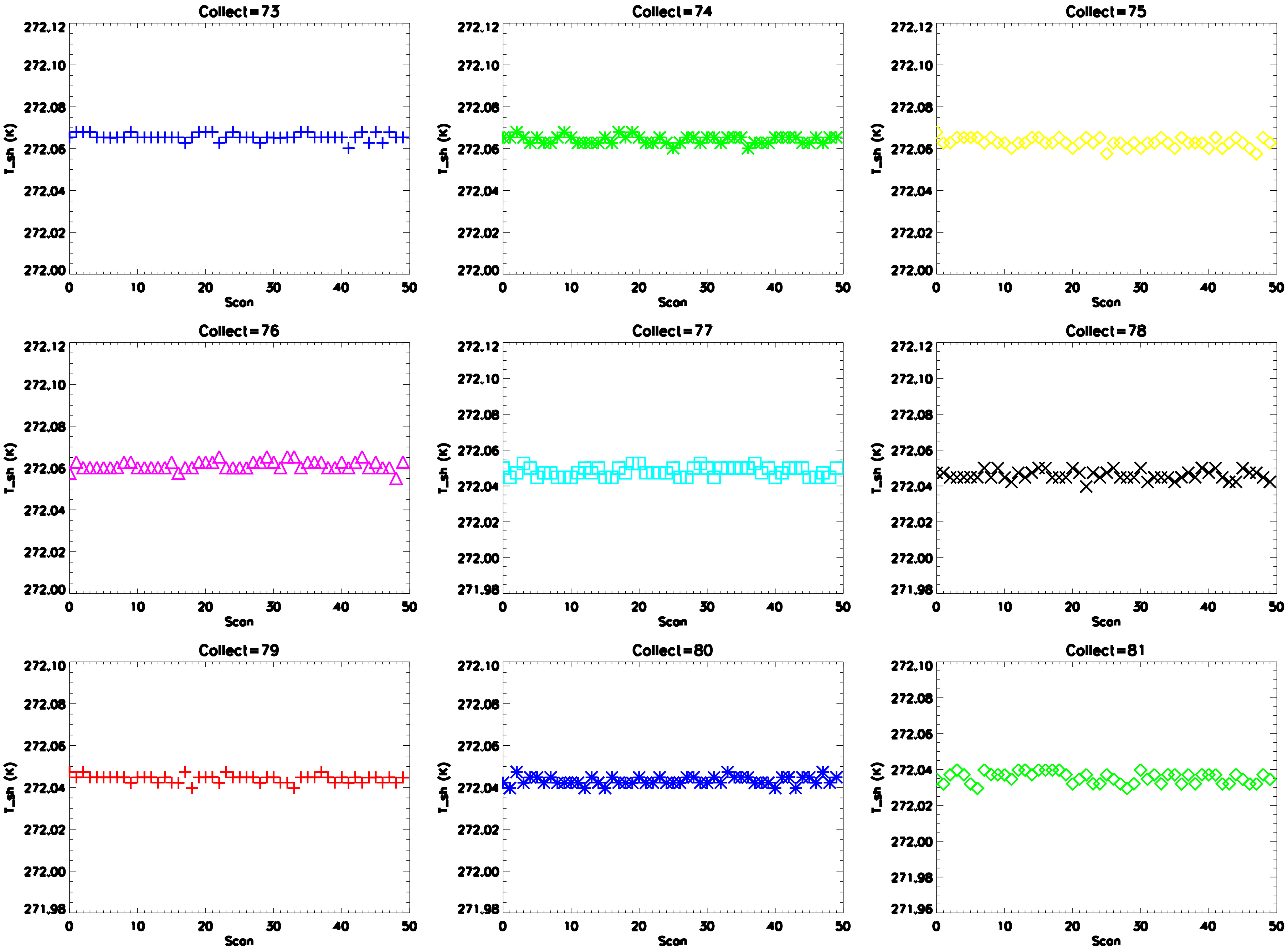

T_sh vs Scan
Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_sh (K)
Scan
0
10
20
30
40
50
272.24
272.22
272.20
272.18
272.16
272.14
272.12
272.10
272.08
272.06

T_sh vs Scan

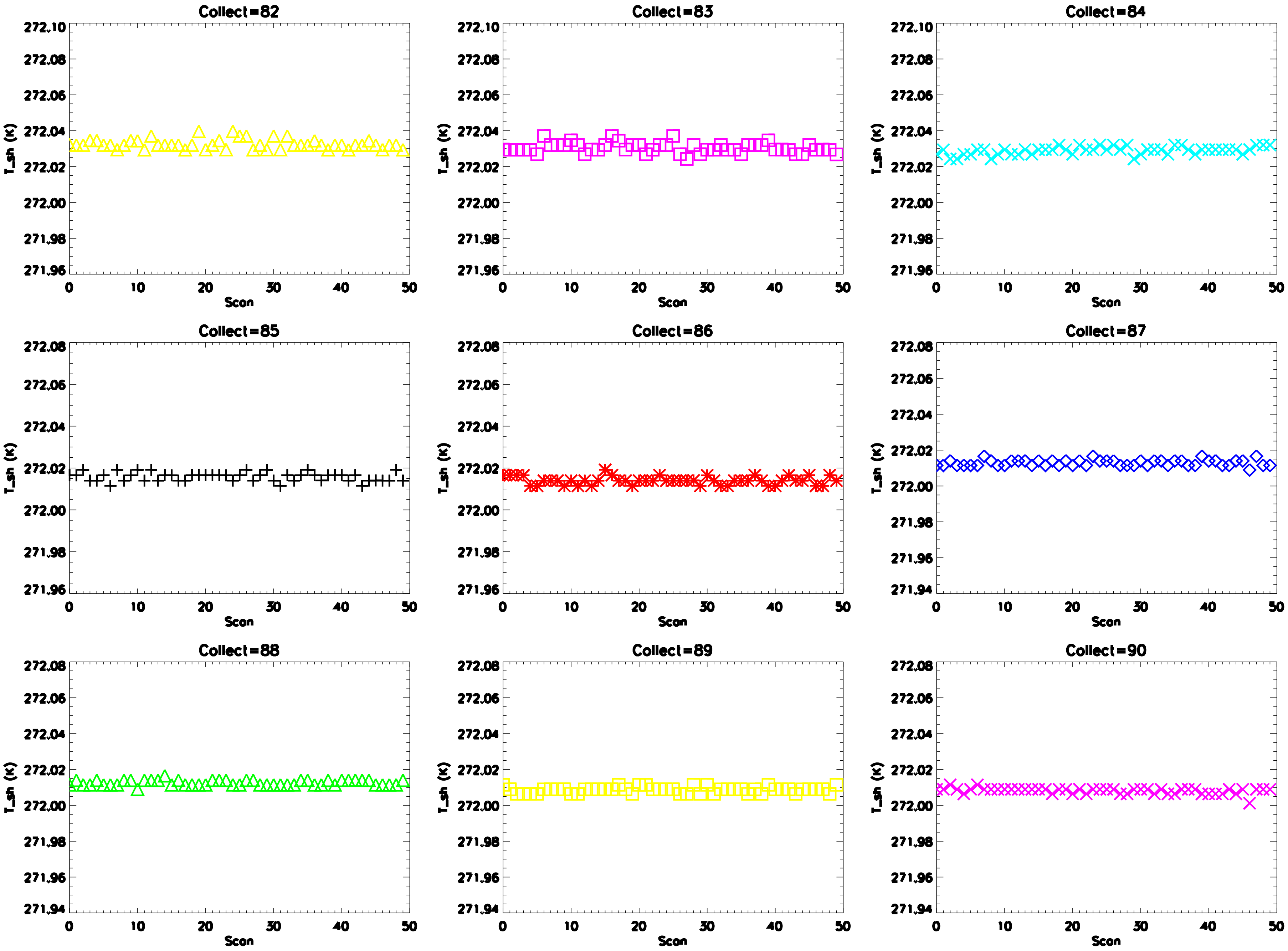


Collect=64
Collect=65
Collect=66
Collect=67
Collect=68
Collect=69
Collect=70
Collect=71
Collect=72
T_sh (K)
Scan
0
10
20
30
40
50
272.02
272.04
272.06
272.08
272.10
272.12
272.14
272.16
272.18
272.20

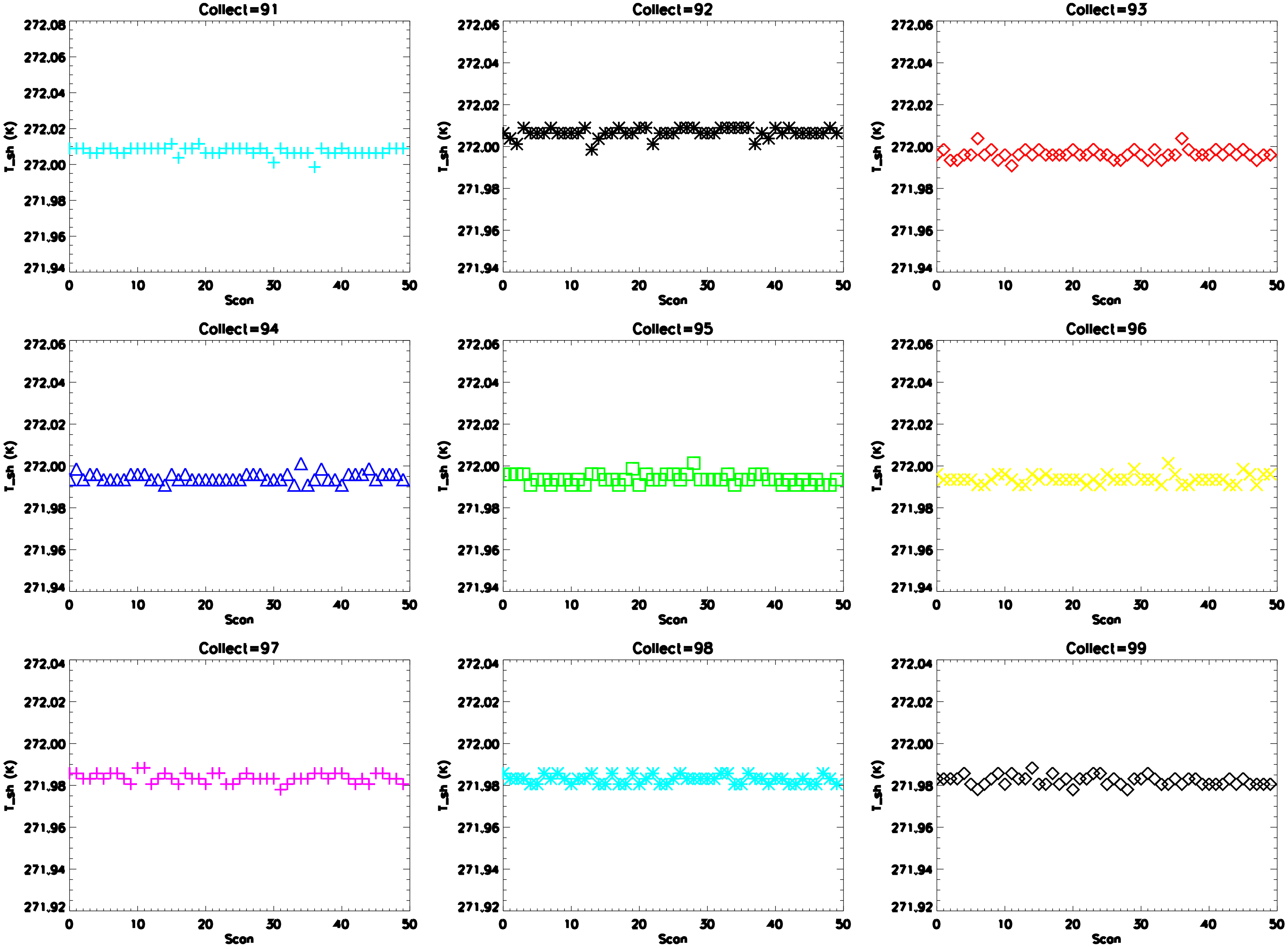
T_sh vs Scan


Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
T_sh (K)
Scan
0
10
20
30
40
50
272.12
272.10
272.08
272.06
272.04
272.02
272.00
271.98
271.96

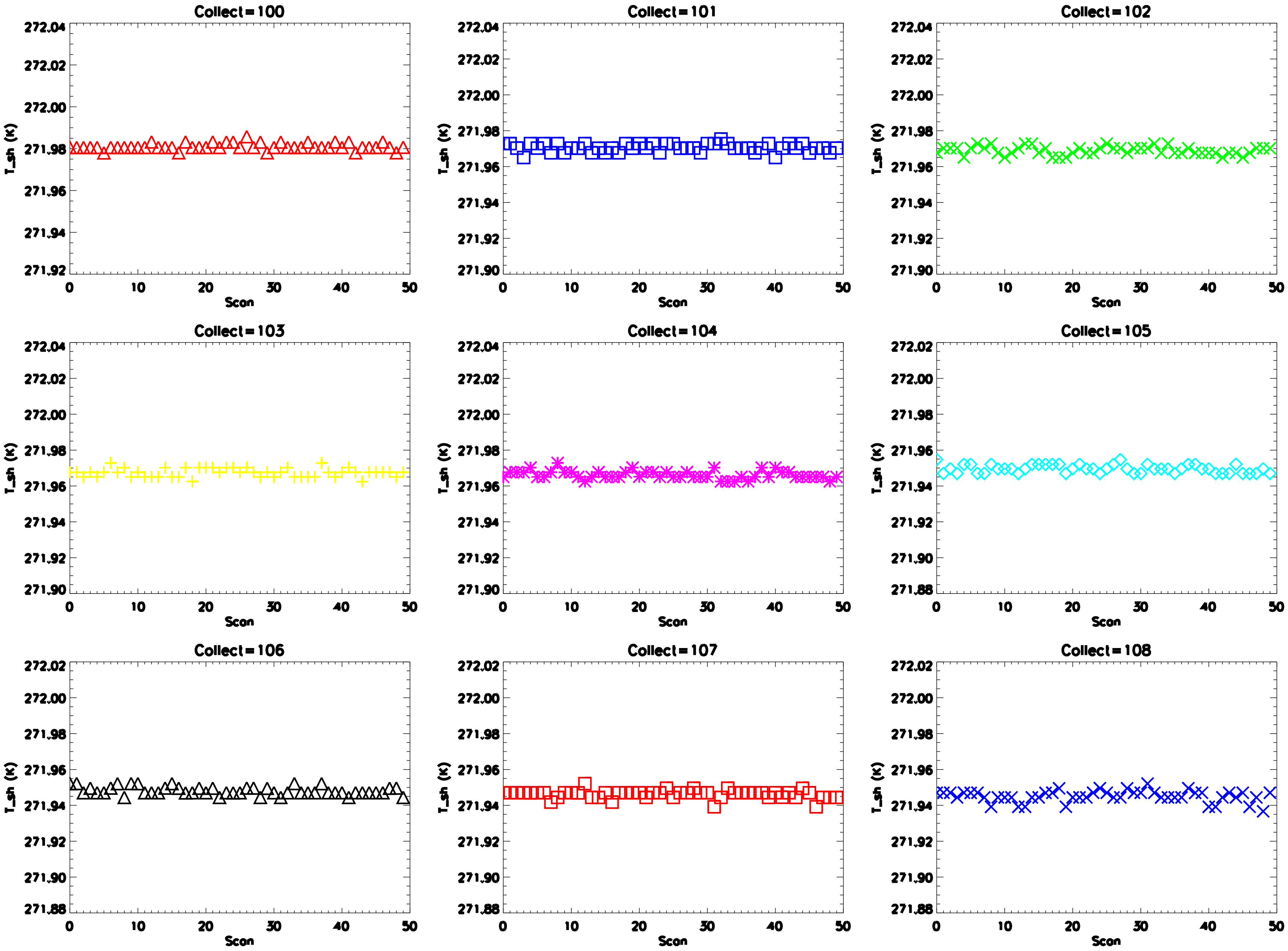
T_sh vs Scan


Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_sh (K)
Scan
0
10
20
30
40
50
272.10
272.08
272.06
272.04
272.02
272.00
271.98
271.96
271.94

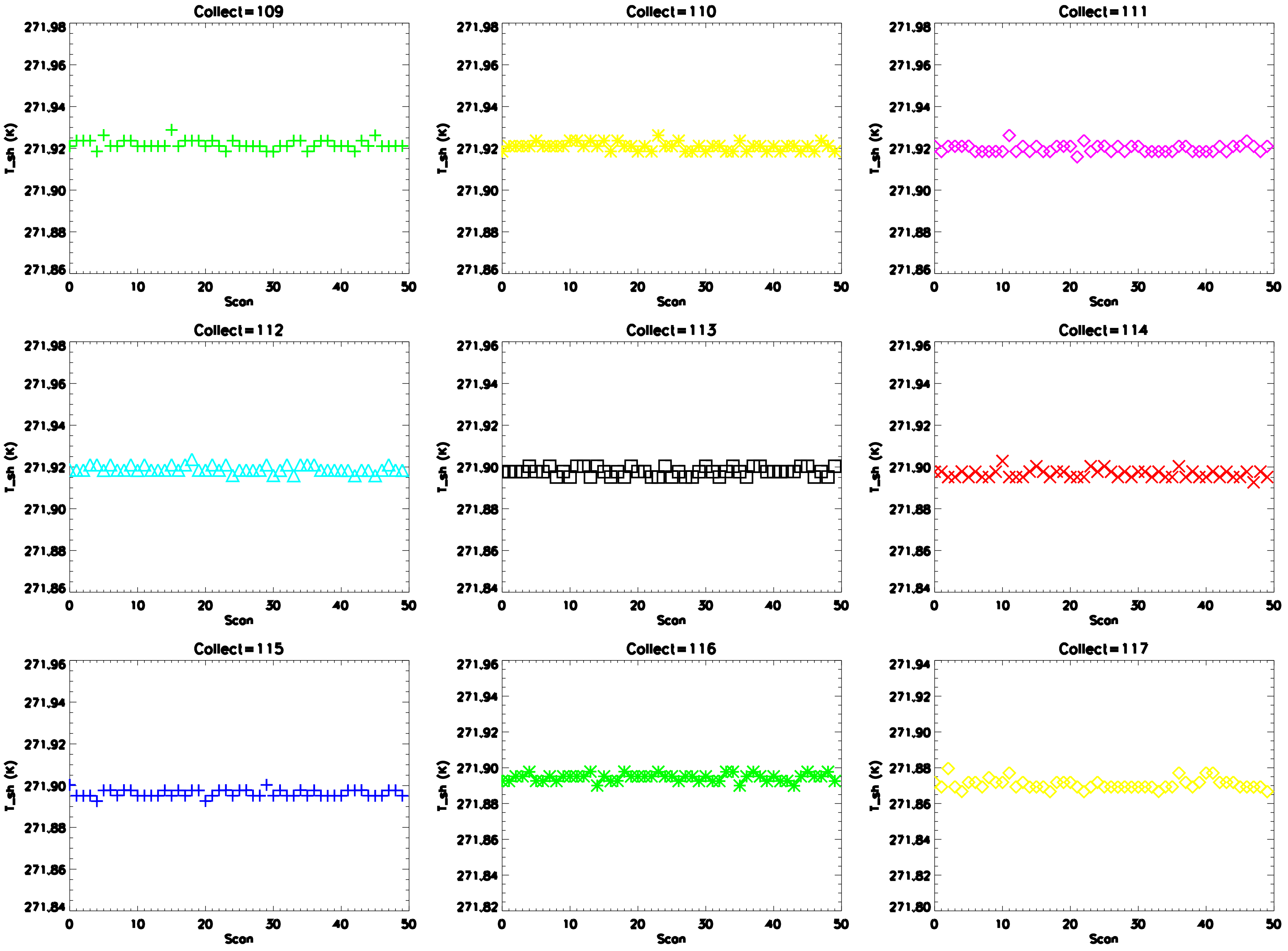
T_sh vs Scan

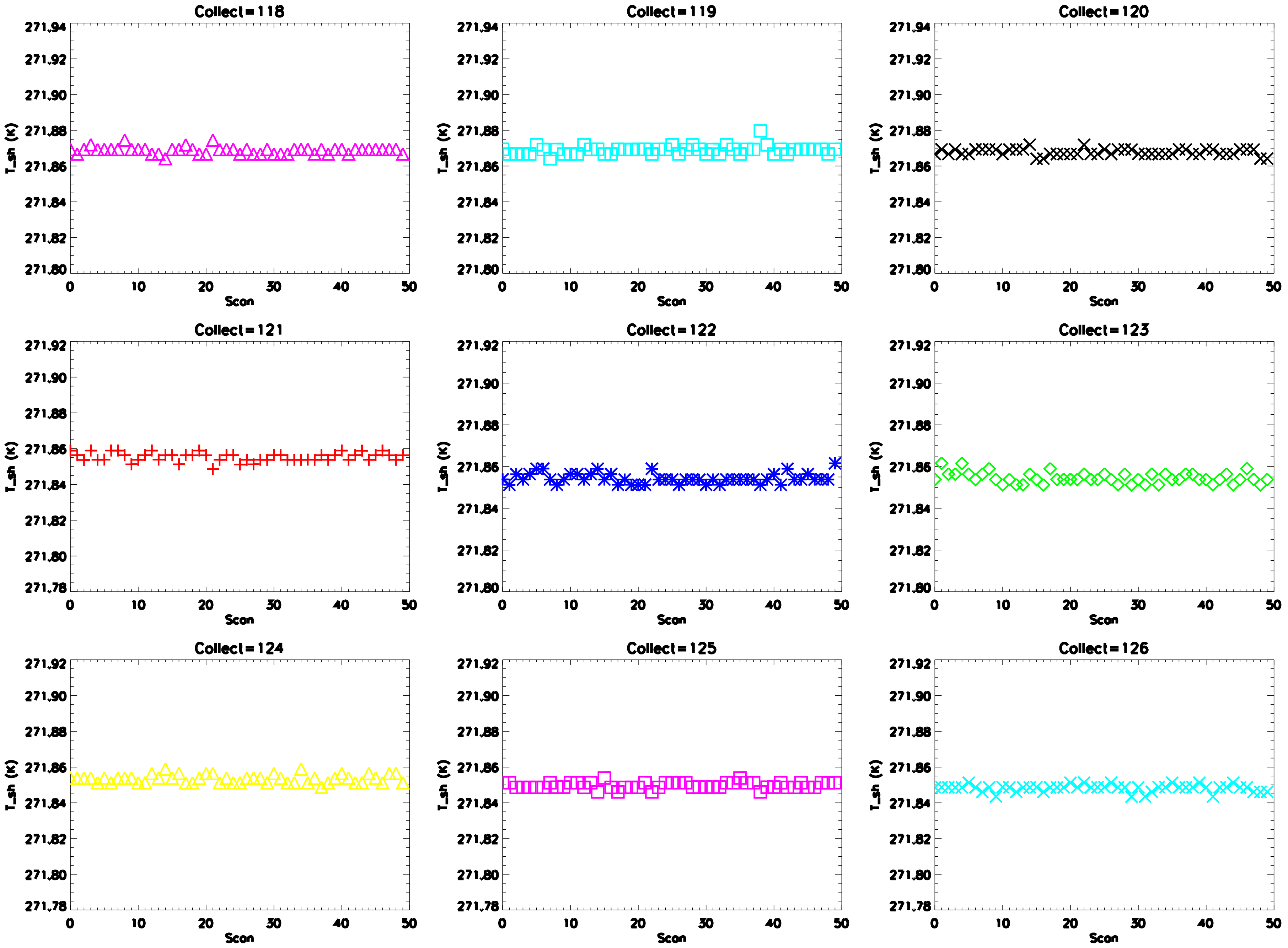

Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
T_sh (K)
Scan
0
10
20
30
40
50
272.08
272.06
272.04
272.02
272.00
271.98
271.96
271.94
271.92

T_sh vs Scan


Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
T_sh (K)
Scan
0
10
20
30
40
50
271.88
271.90
271.92
271.94
271.96
271.98
272.00
272.02
272.04

T_sh vs Scan


Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
T_sh (K)
Scan
0
10
20
30
40
50
271.80
271.82
271.84
271.86
271.88
271.90
271.92
271.94
271.96
271.98



T_sh vs Scan

Collect=118

Collect=119

Collect=120

Collect=121

Collect=122

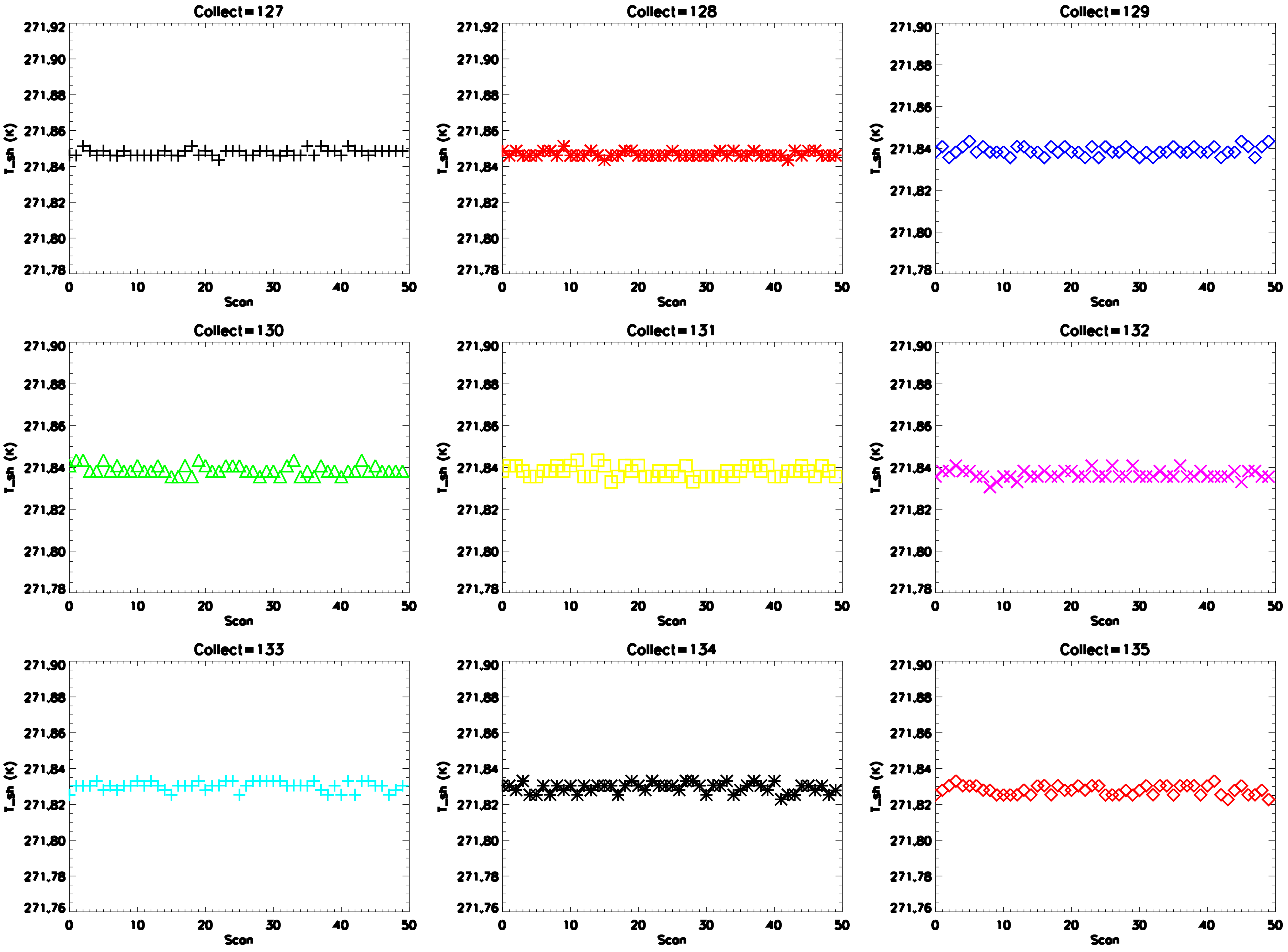
Collect=123

Collect=124

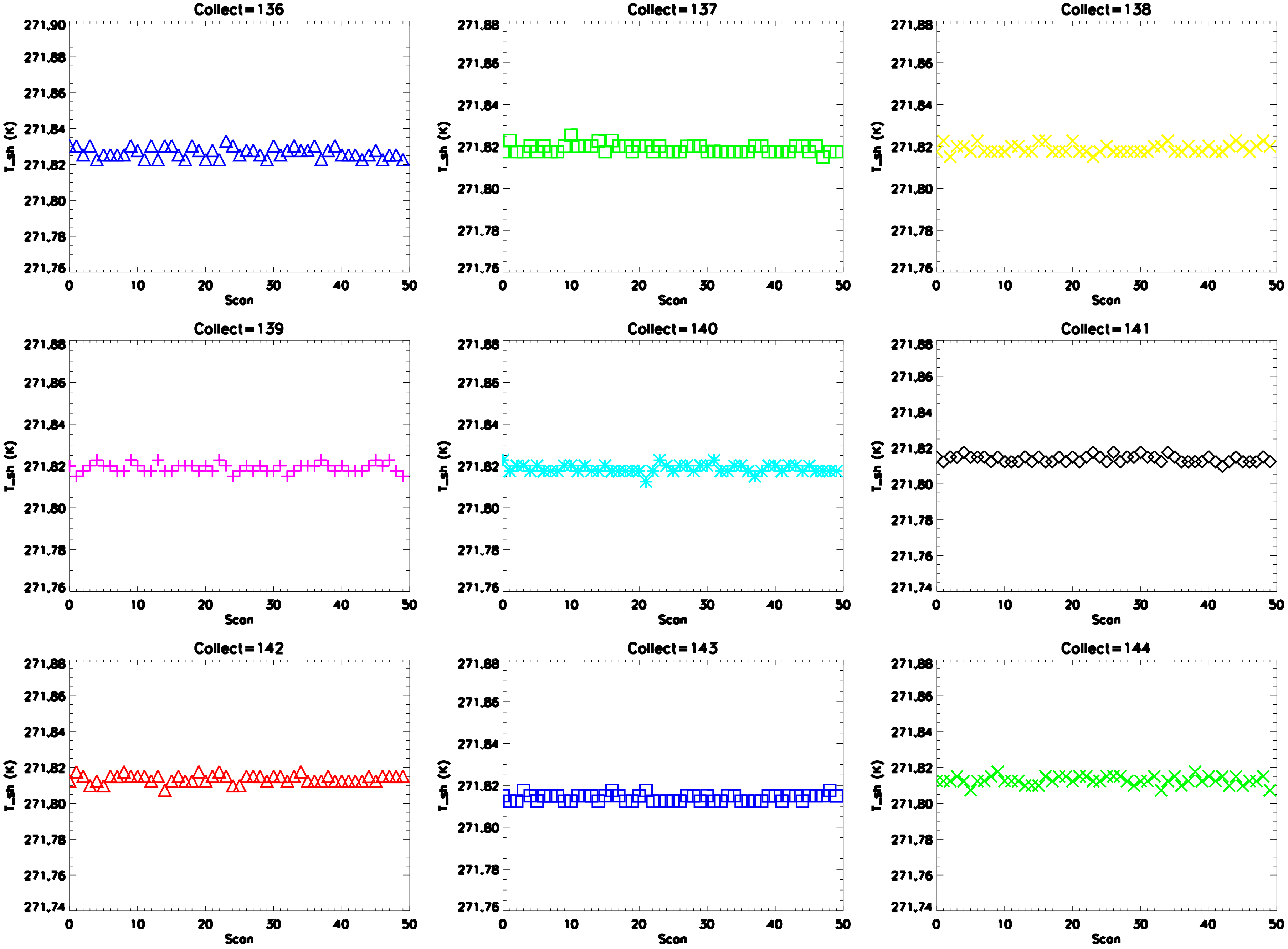
Collect=125

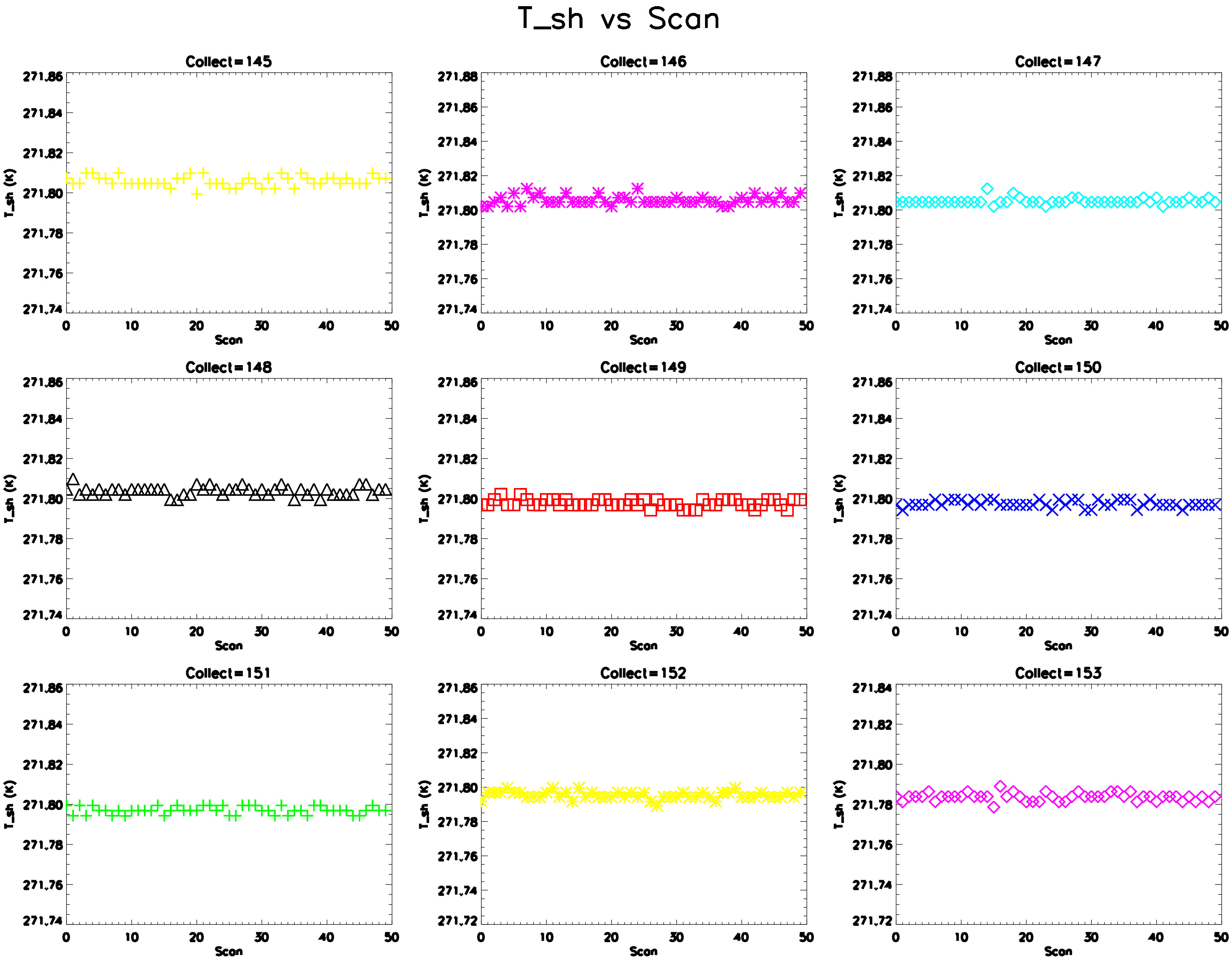
Collect=126

T_sh vs Scan

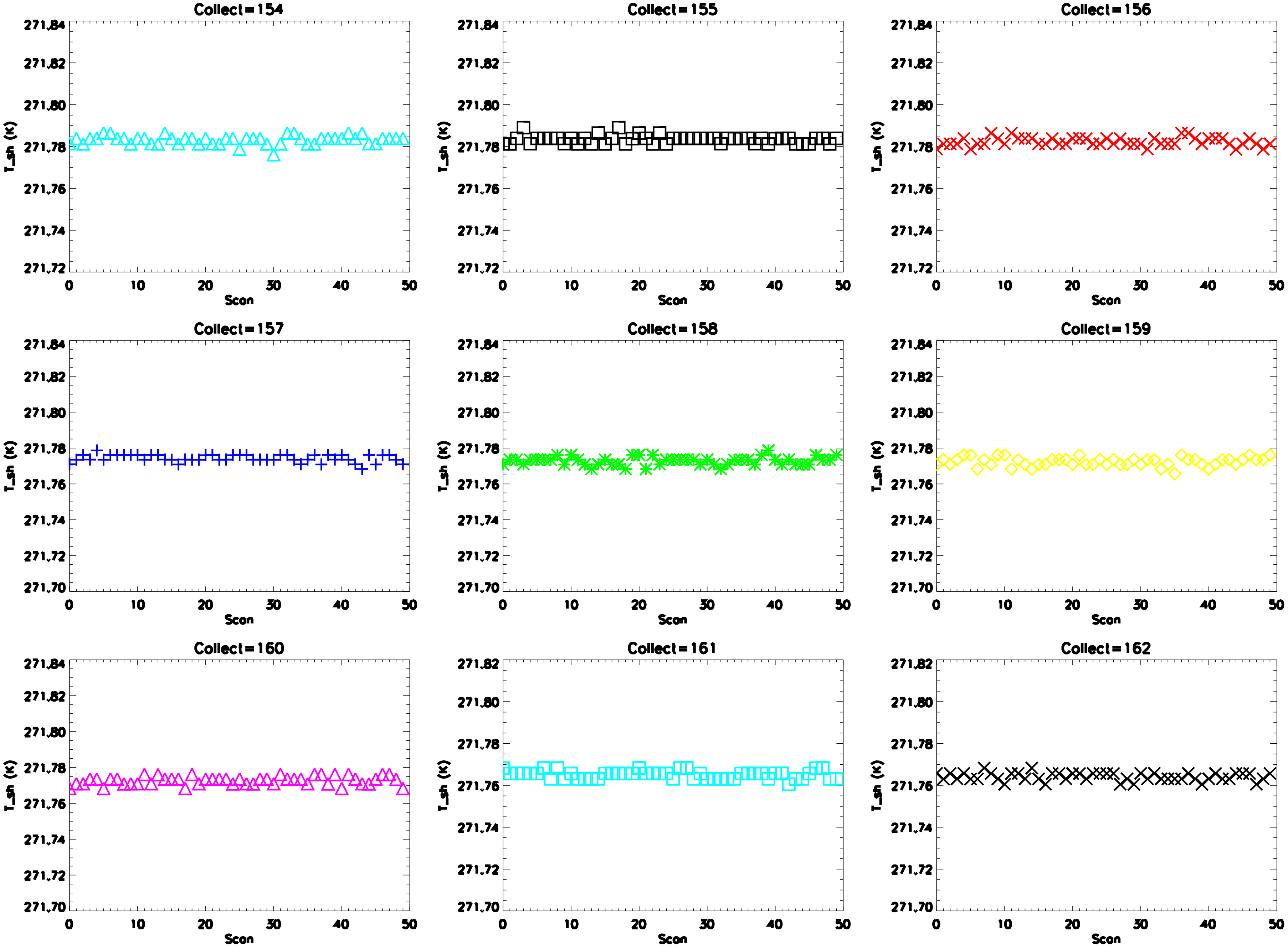

Collect=127
271.92
271.90
271.88
271.86
271.84
271.82
271.80
271.78
T_sh (K)
0
10
20
30
40
50
Scan
Collect=128
271.92
271.90
271.88
271.86
271.84
271.82
271.80
271.78
T_sh (K)
Scan
Collect=129
271.90
271.88
271.86
271.84
271.82
271.80
271.78
T_sh (K)
Scan
Collect=130
271.90
271.88
271.86
271.84
271.82
271.80
271.78
T_sh (K)
Scan
Collect=131
T_sh (K)
Scan
Collect=132
T_sh (K)
Scan
Collect=133
271.90
271.88
271.86
271.84
271.82
271.80
271.78
271.76
T_sh (K)
Scan
Collect=134
T_sh (K)
Scan
Collect=135
T_sh (K)
Scan

T_sh vs Scan

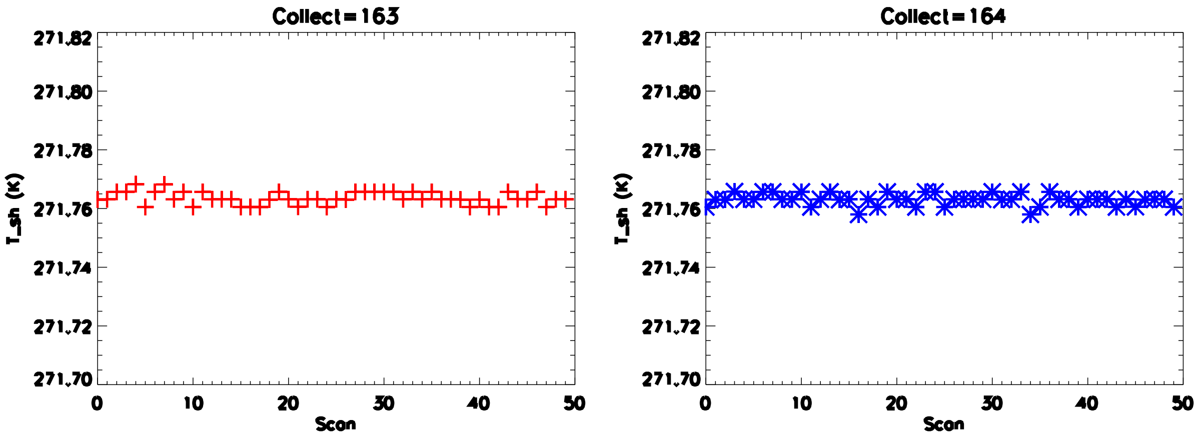

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_sh (K)
Scan
0
10
20
30
40
50
271.74
271.76
271.78
271.80
271.82
271.84
271.86
271.88
271.90


T_sh vs Scan
Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_sh (K)
Scan
0
10
20
30
40
50
271.72
271.74
271.76
271.78
271.80
271.82
271.84
271.86
271.88

T_sh vs Scan

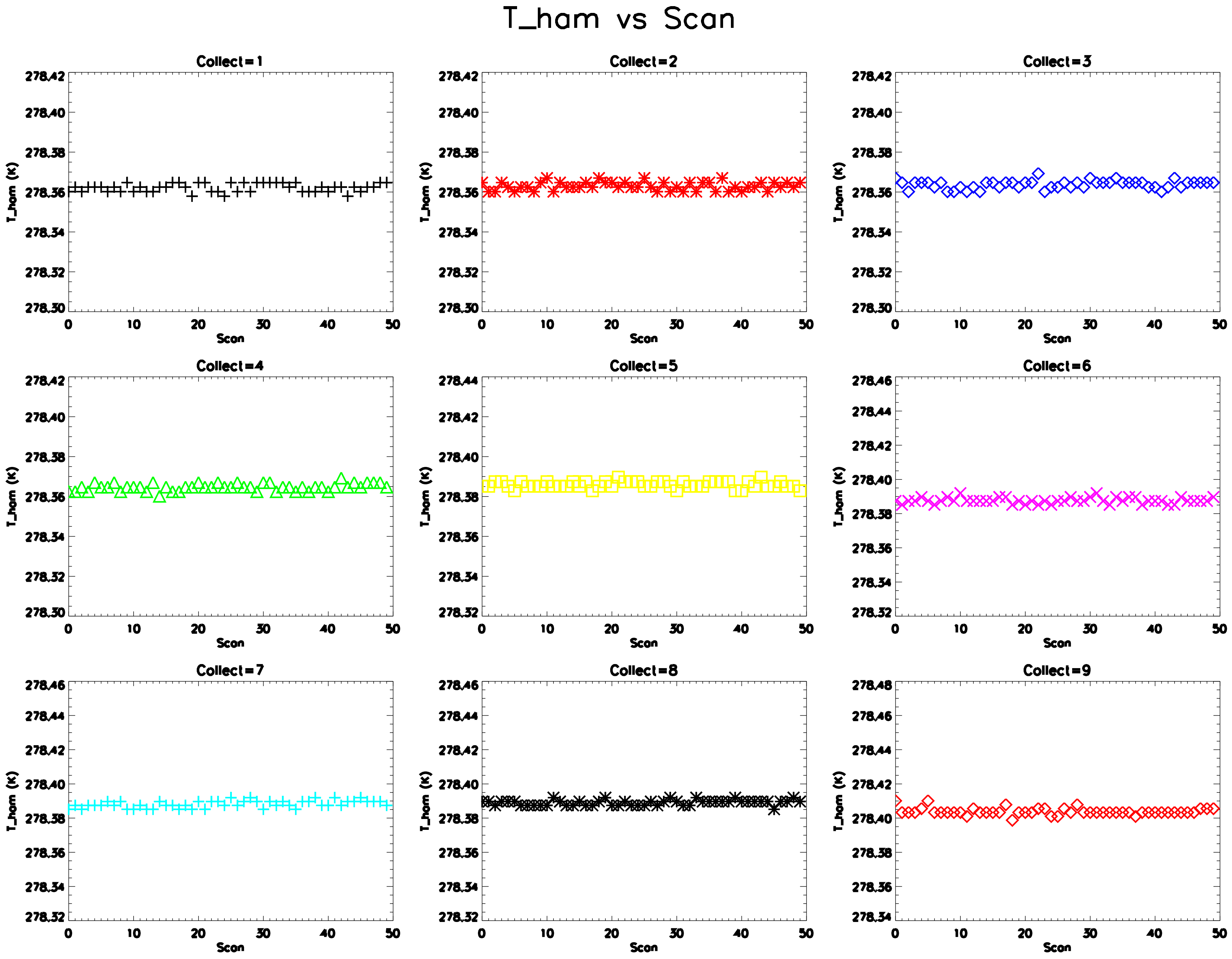

Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_sh (K)
Scan
271.84
271.82
271.80
271.78
271.76
271.74
271.72
271.70
0
10
20
30
40
50

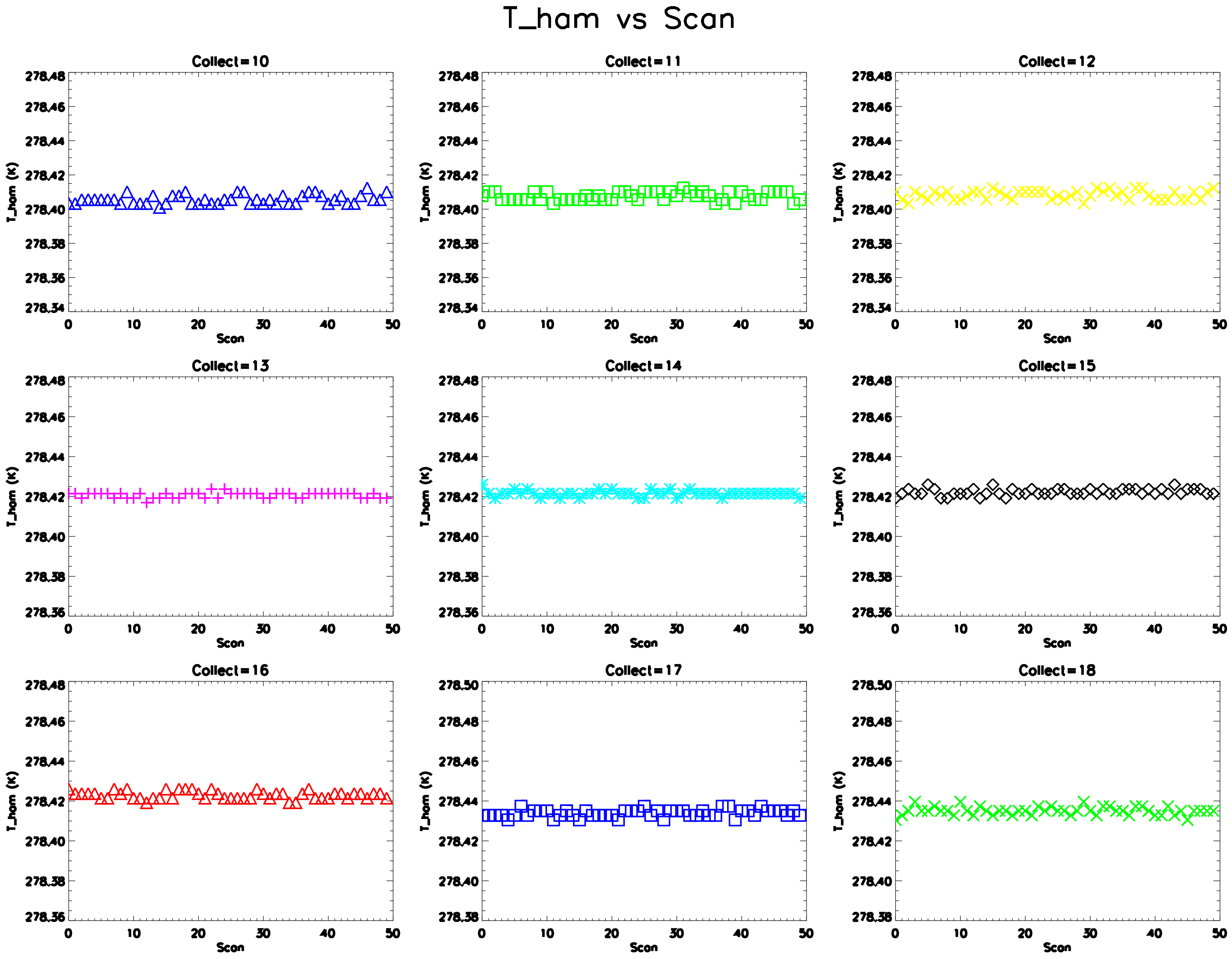
T_sh vs Scan

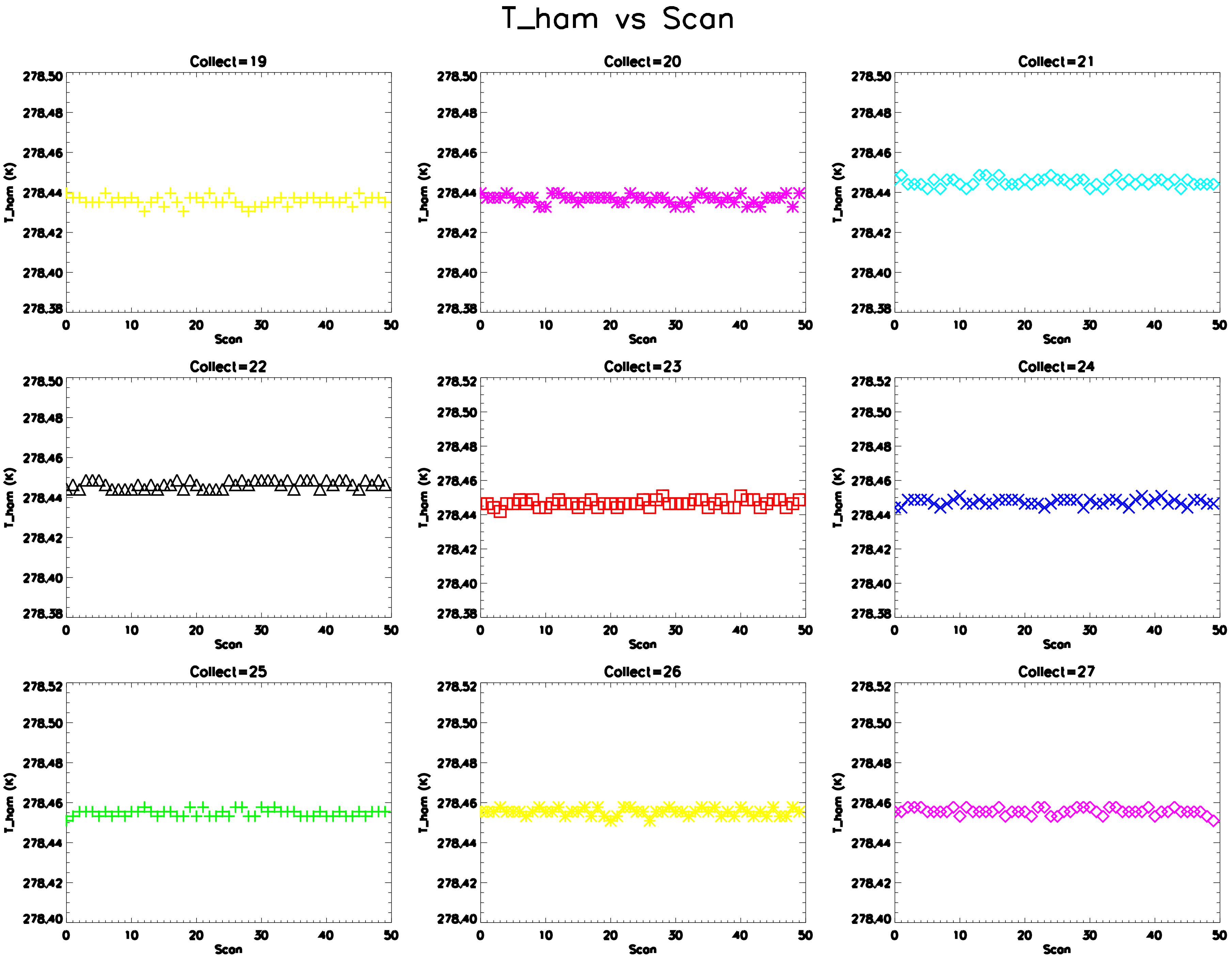


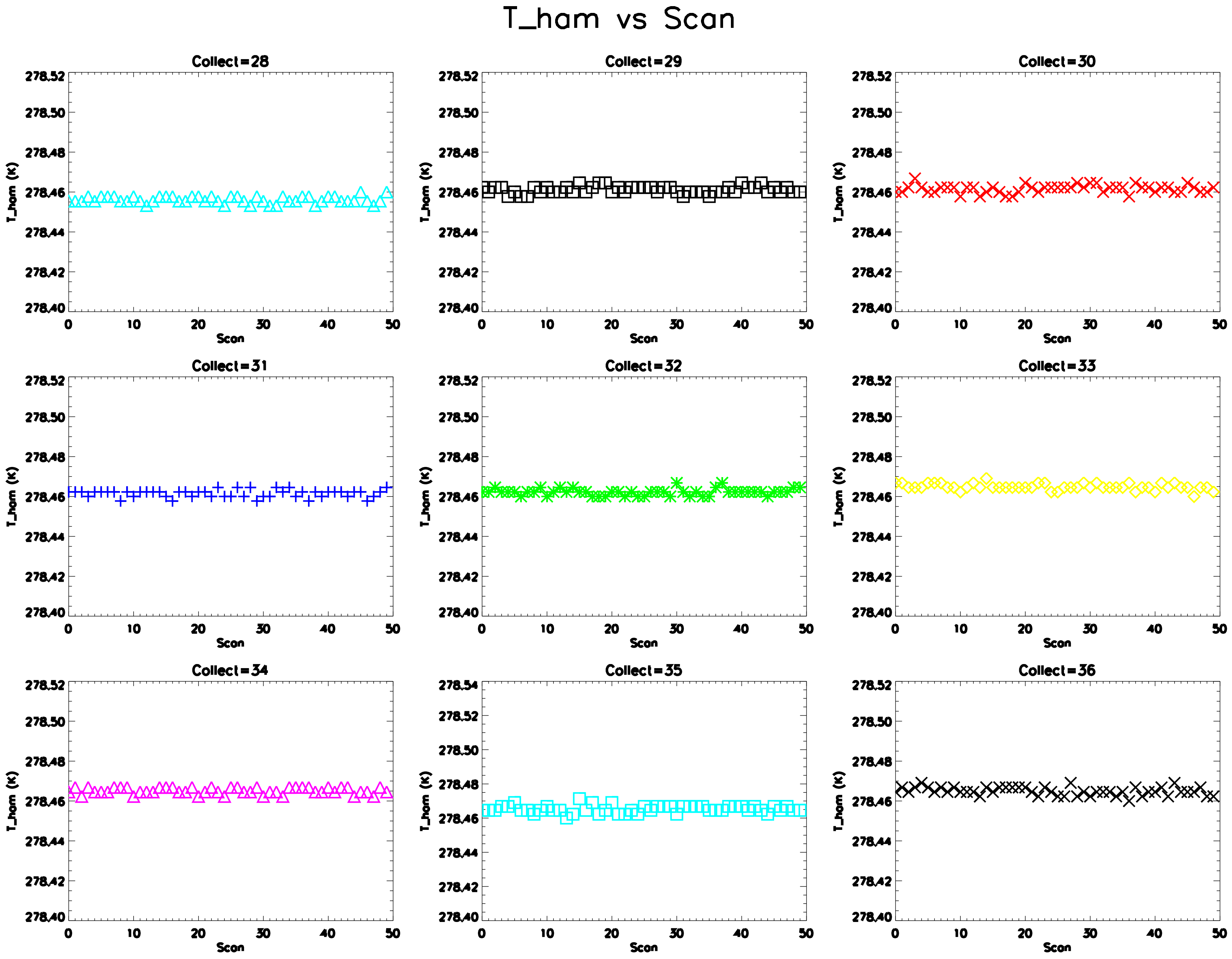
Collect=163

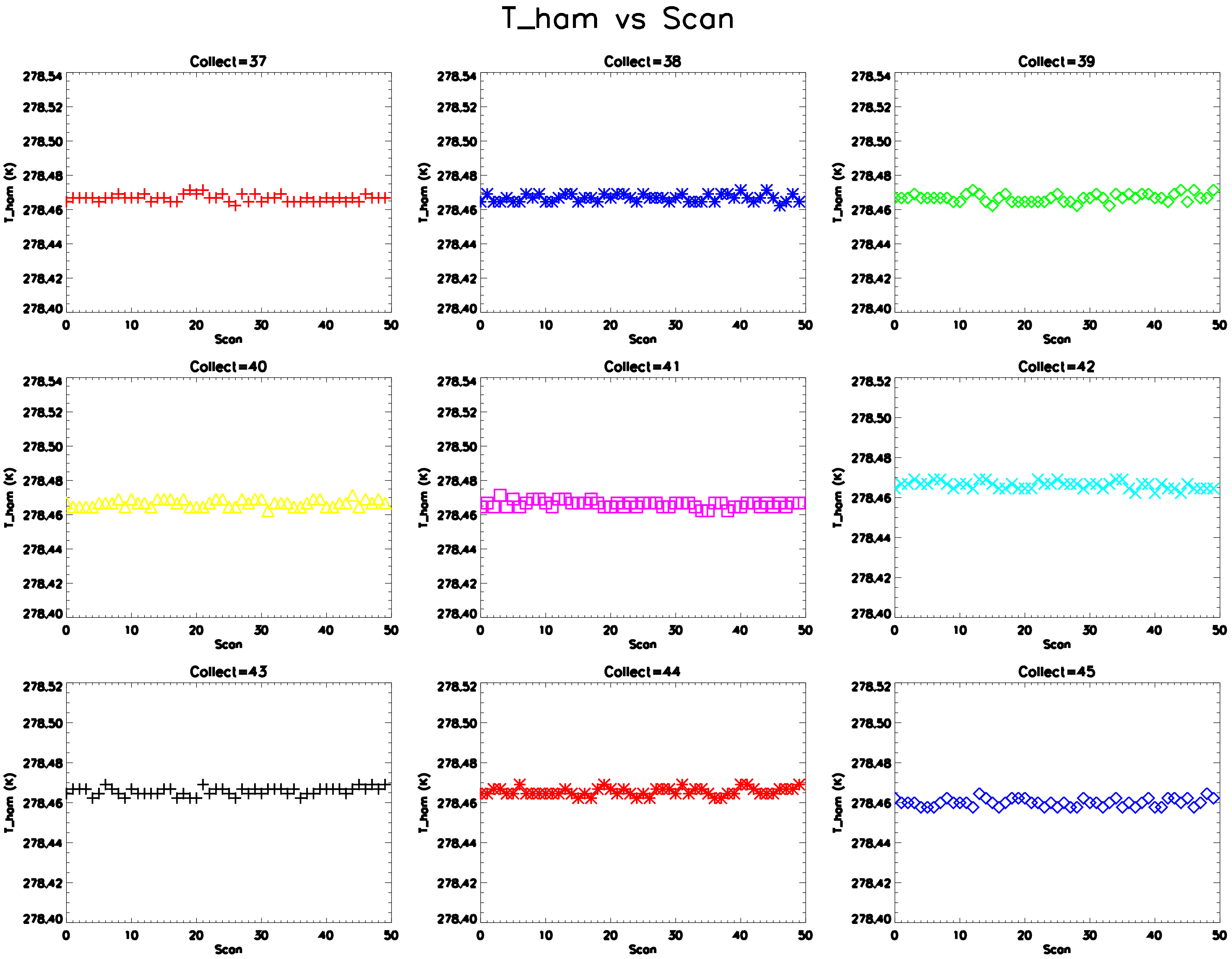
Collect=164


T_ham vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_ham (K)
Scan
0
10
20
30
40
50
278.30
278.32
278.34
278.36
278.38
278.40
278.42
278.44
278.46
278.48

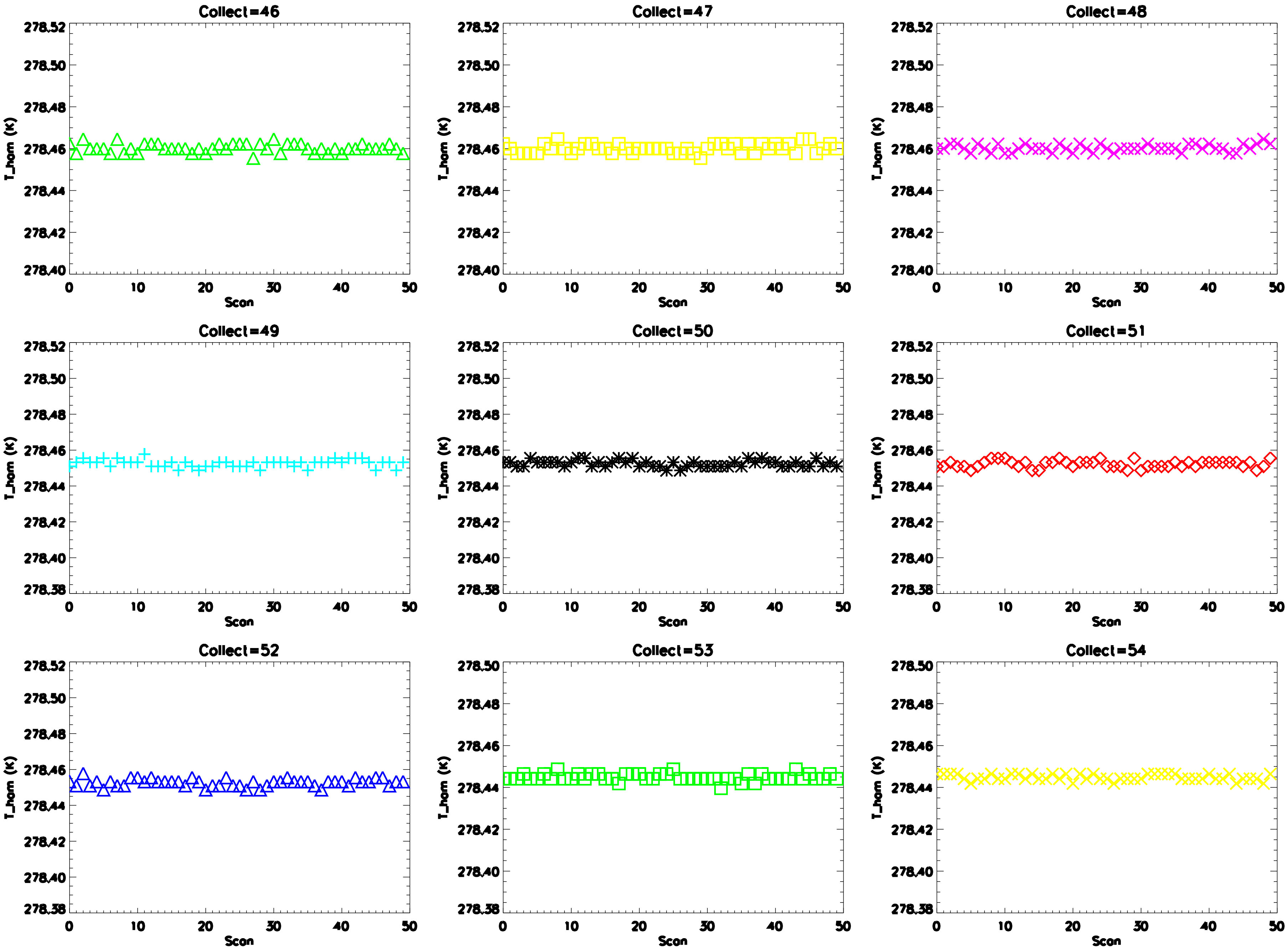

T_ham vs Scan
Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_ham (K)
Scan
278.34
278.36
278.38
278.40
278.42
278.44
278.46
278.48
278.50
0
10
20
30
40
50

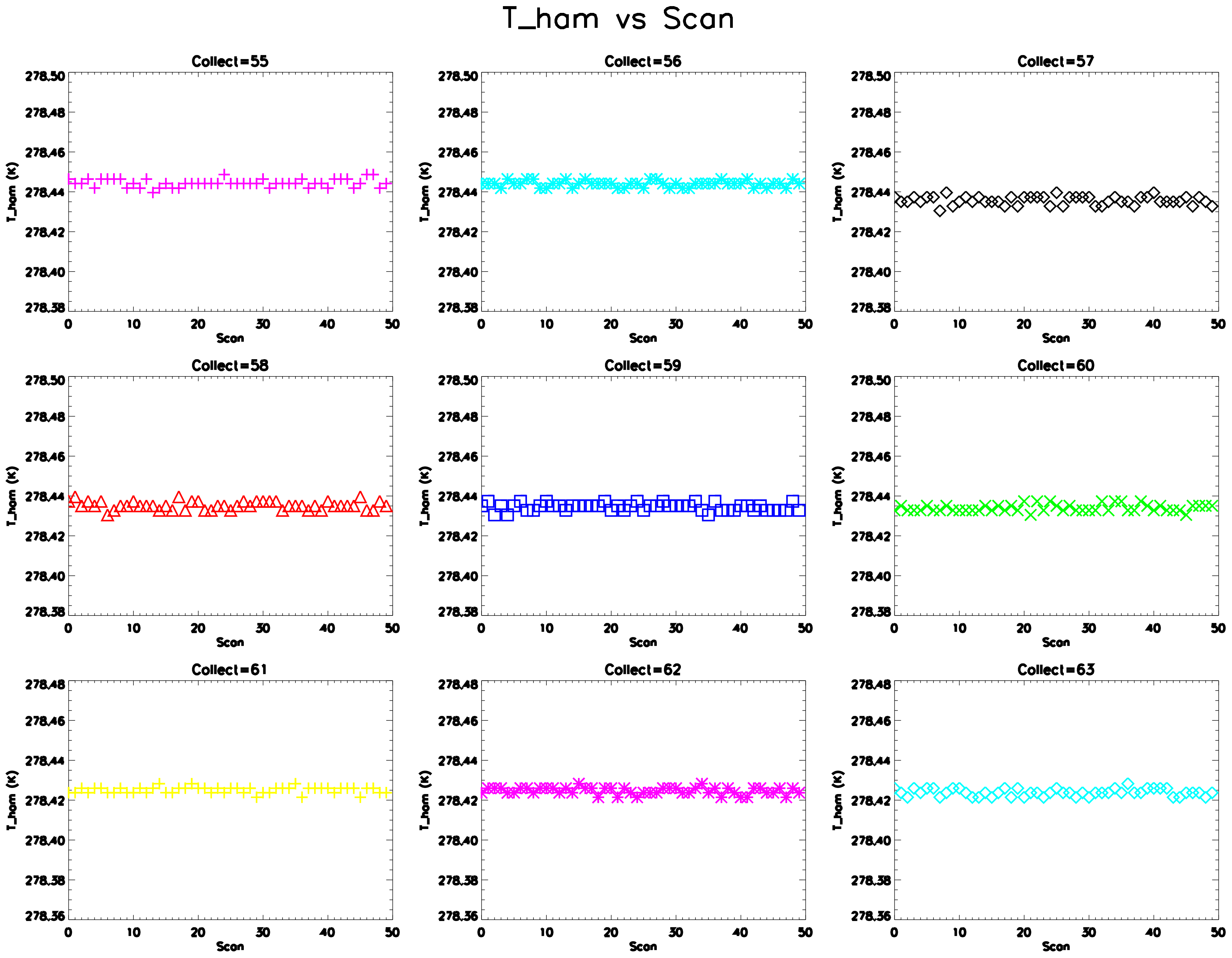

T_ham vs Scan
Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_ham (K)
Scan
0
10
20
30
40
50
278.38
278.40
278.42
278.44
278.46
278.48
278.50
278.52


T_ham vs Scan
Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_ham (K)
Scan
278.40
278.42
278.44
278.46
278.48
278.50
278.52
278.54
0
10
20
30
40
50

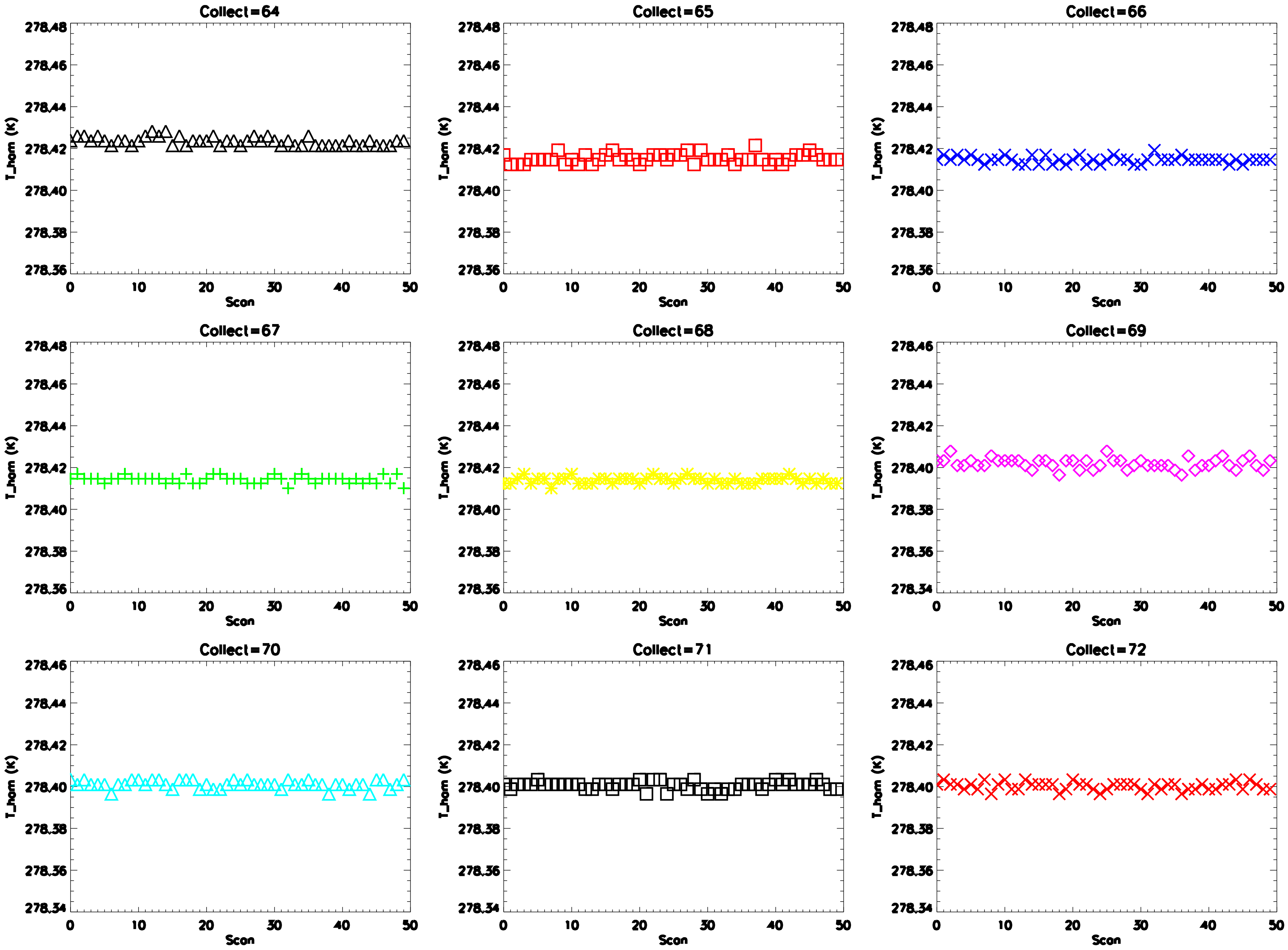

T_ham vs Scan
Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_ham (K)
Scan
278.54
278.52
278.50
278.48
278.46
278.44
278.42
278.40
0
10
20
30
40
50

T_ham vs Scan


Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
T_ham (K)
Scan
278.52
278.50
278.48
278.46
278.44
278.42
278.40
278.38
0
10
20
30
40
50


T_ham vs Scan
Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_ham (K)
Scan
278.50
278.48
278.46
278.44
278.42
278.40
278.38
278.36
0
10
20
30
40
50

T_ham vs Scan


Collect=64

Collect=65

Collect=66

Collect=67

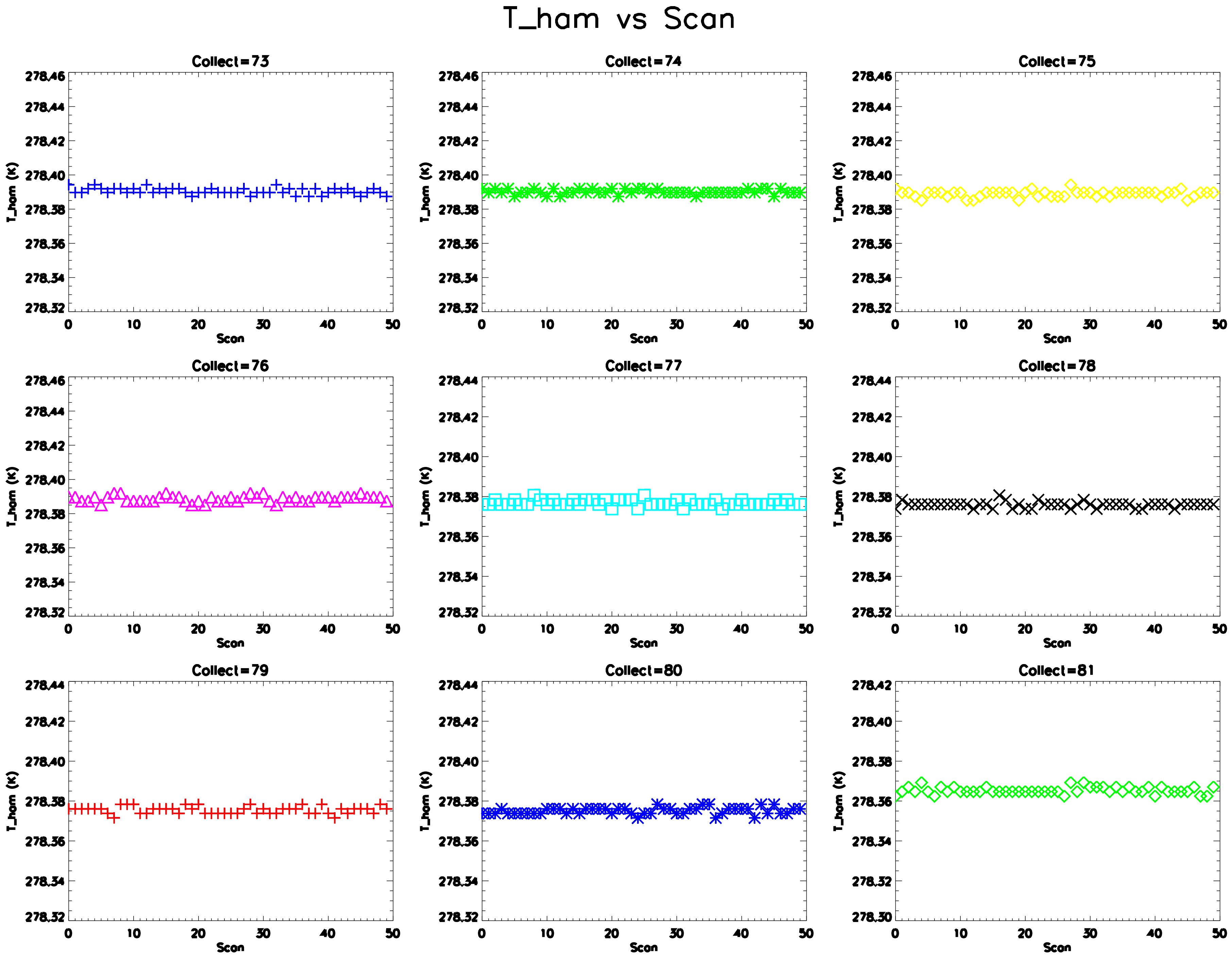
Collect=68

Collect=69

Collect=70

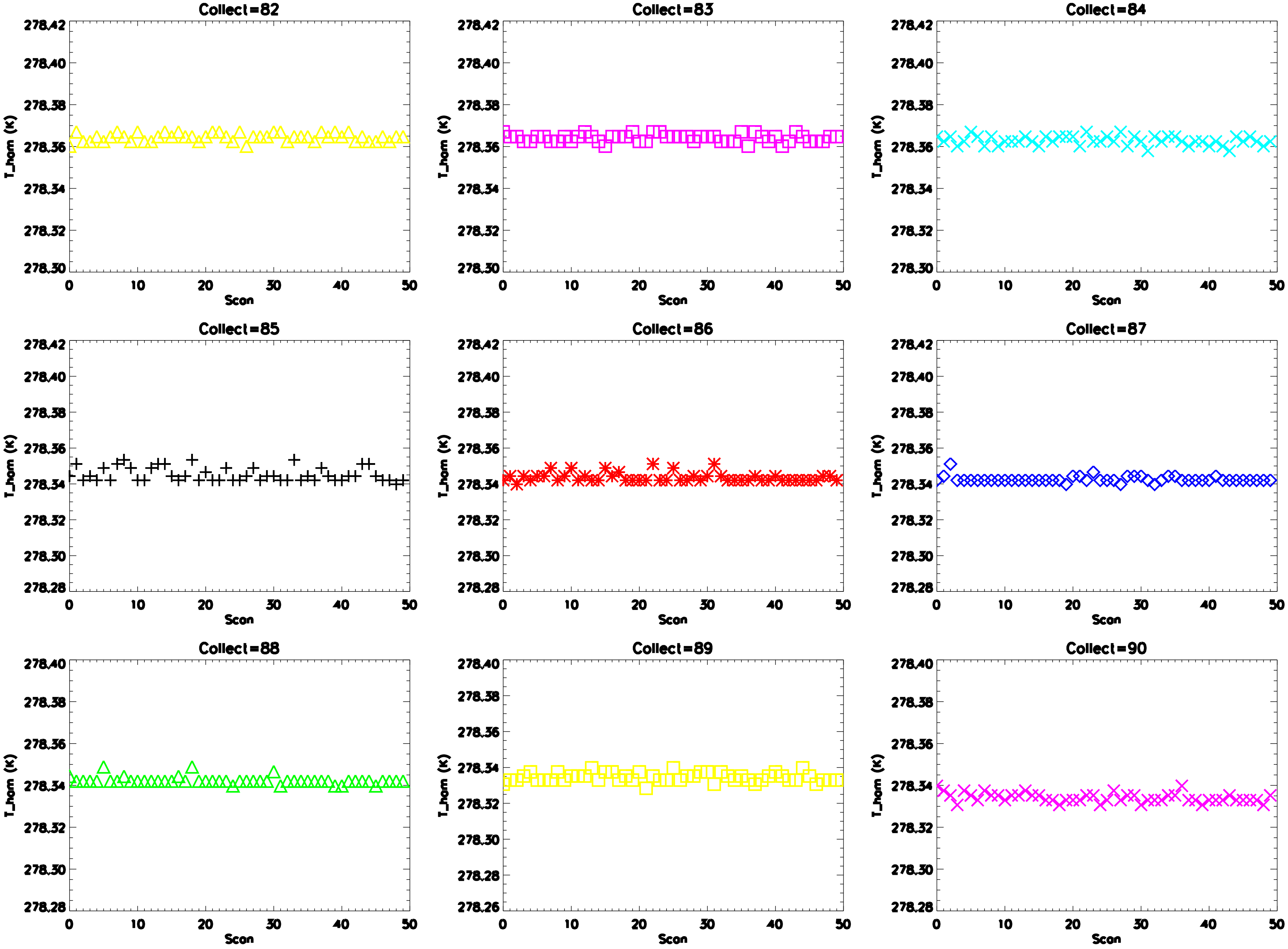
Collect=71

Collect=72

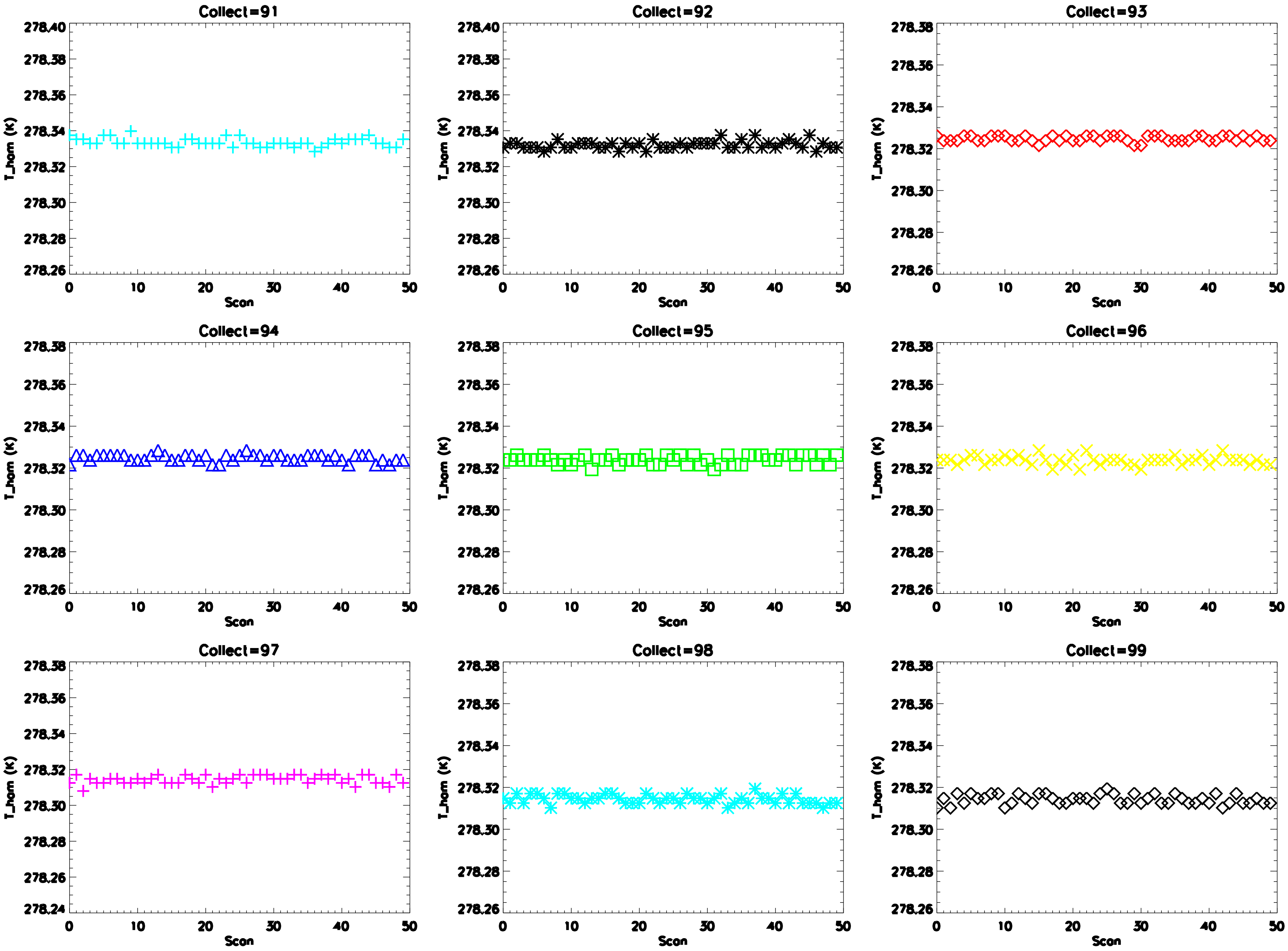
 T_ham vs Scan

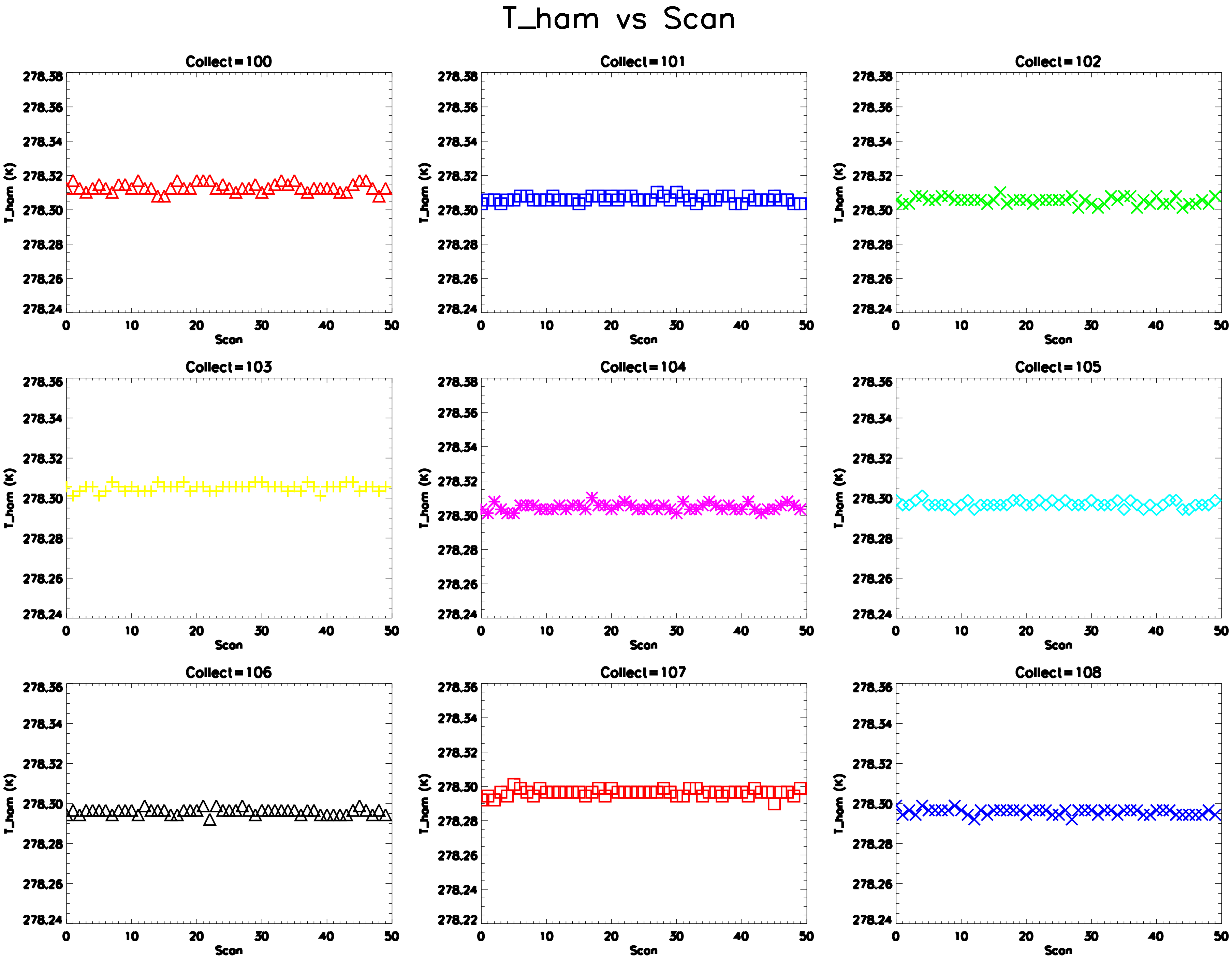
Collect=73 · Collect=74 · Collect=75 · Collect=76 · Collect=77 · Collect=78 · Collect=79 · Collect=80 · Collect=81

T_ham vs Scan

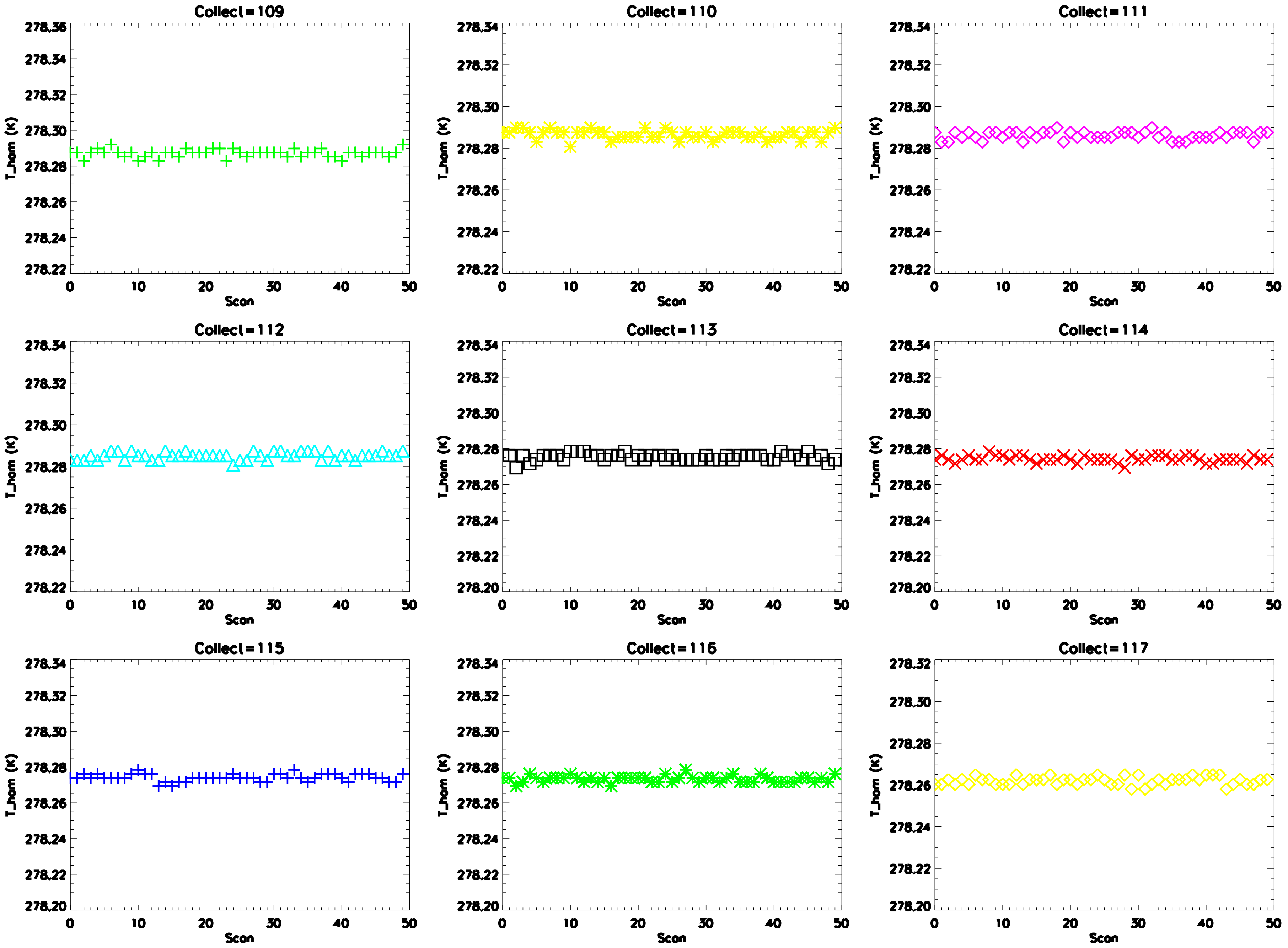

Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_ham (K)
Scan
0
10
20
30
40
50
278.26
278.28
278.30
278.32
278.34
278.36
278.38
278.40
278.42

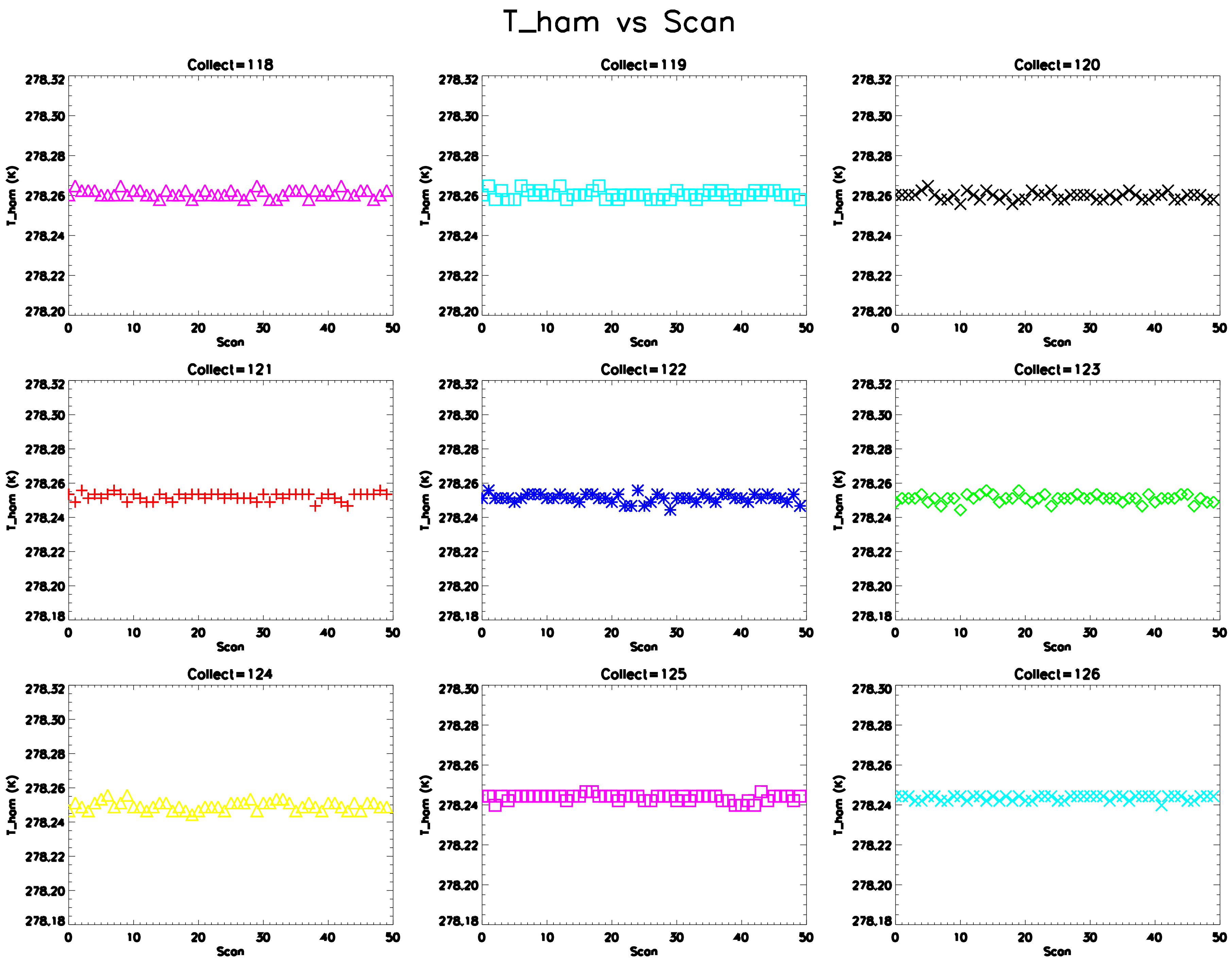
T_ham vs Scan

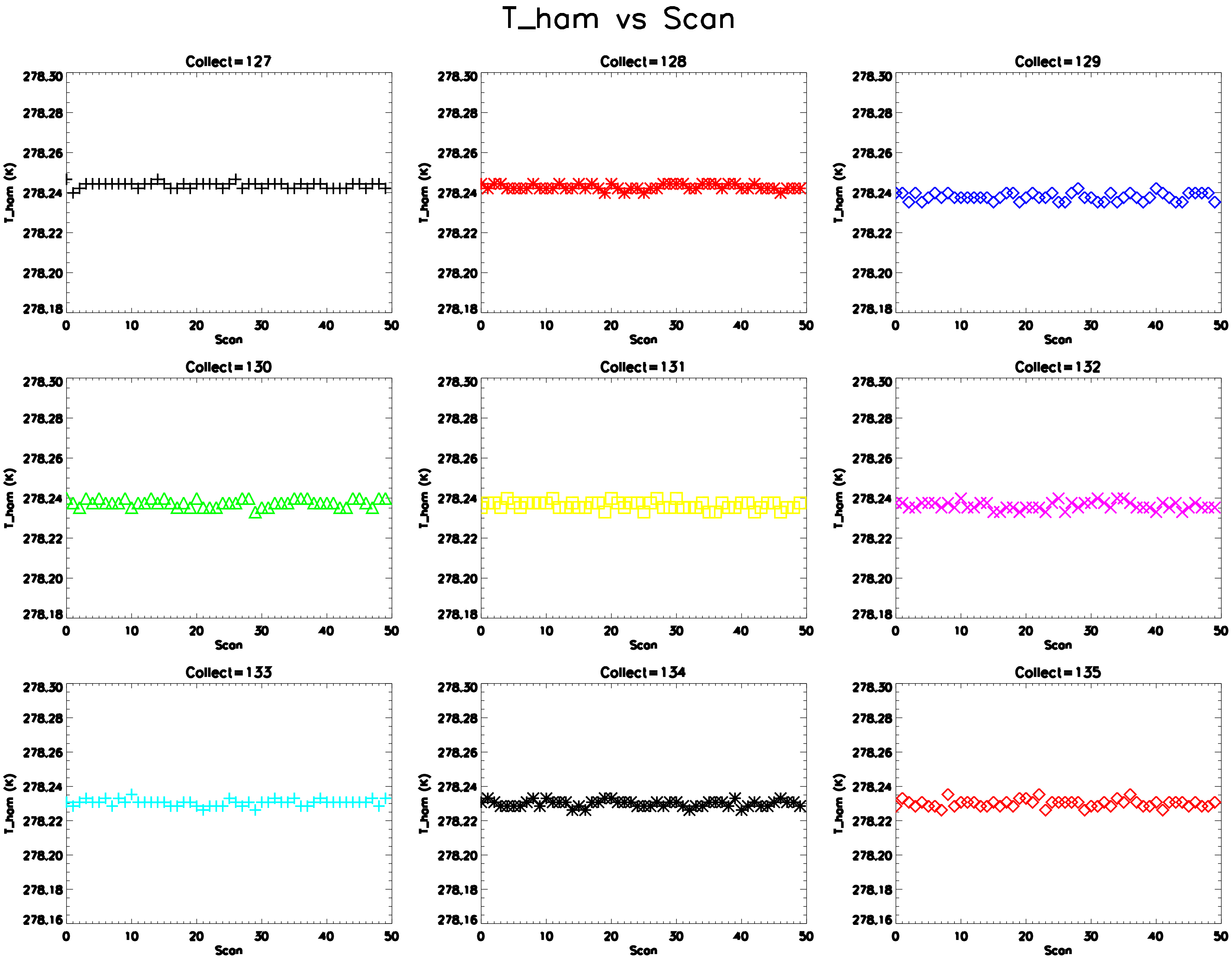

Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
T_ham (K)
Scan
0
10
20
30
40
50
278.24
278.26
278.28
278.30
278.32
278.34
278.36
278.38
278.40


T_ham vs Scan
Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
T_ham (K)
Scan
0
10
20
30
40
50
278.22
278.24
278.26
278.28
278.30
278.32
278.34
278.36
278.38

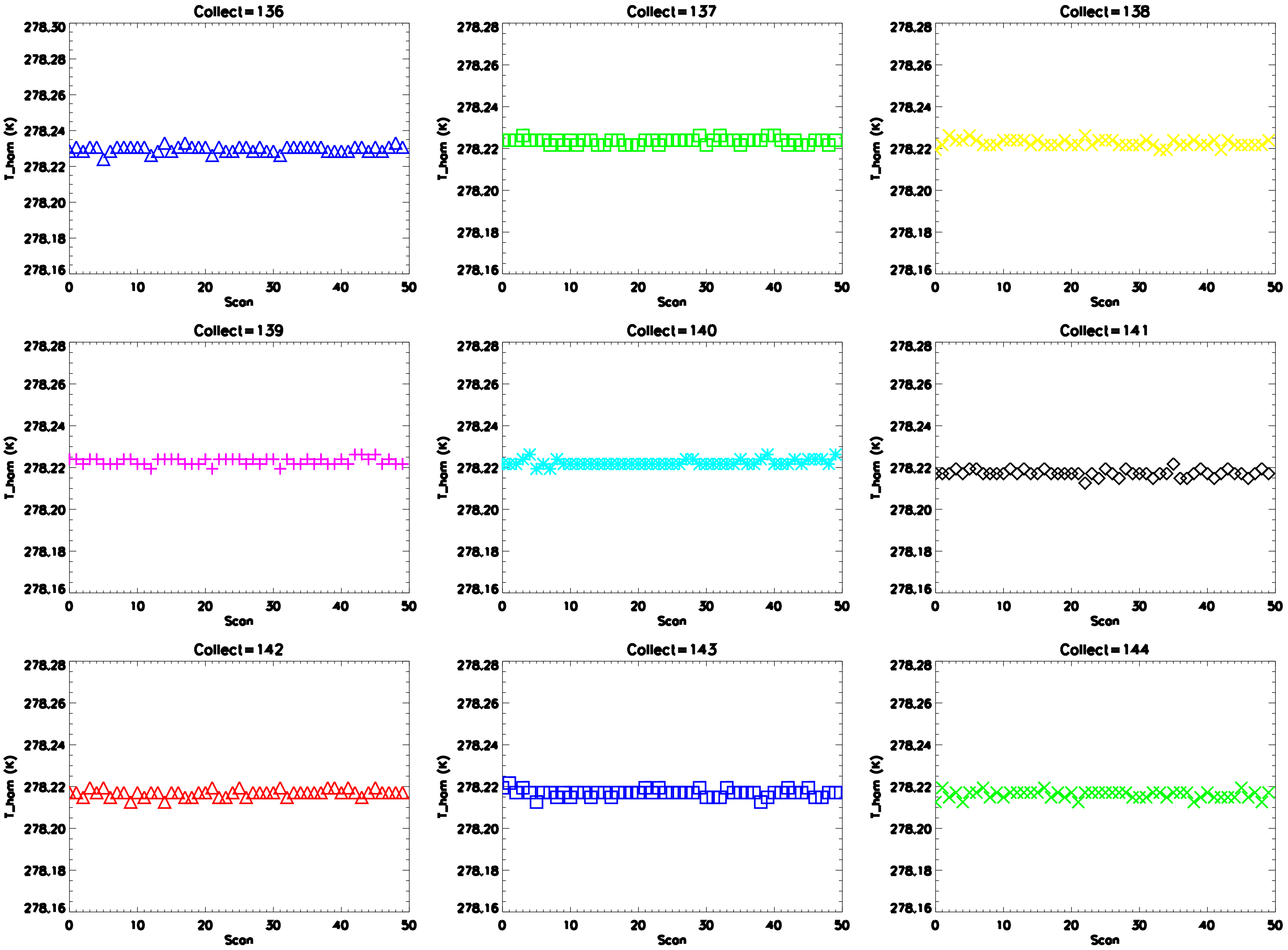
T_ham vs Scan

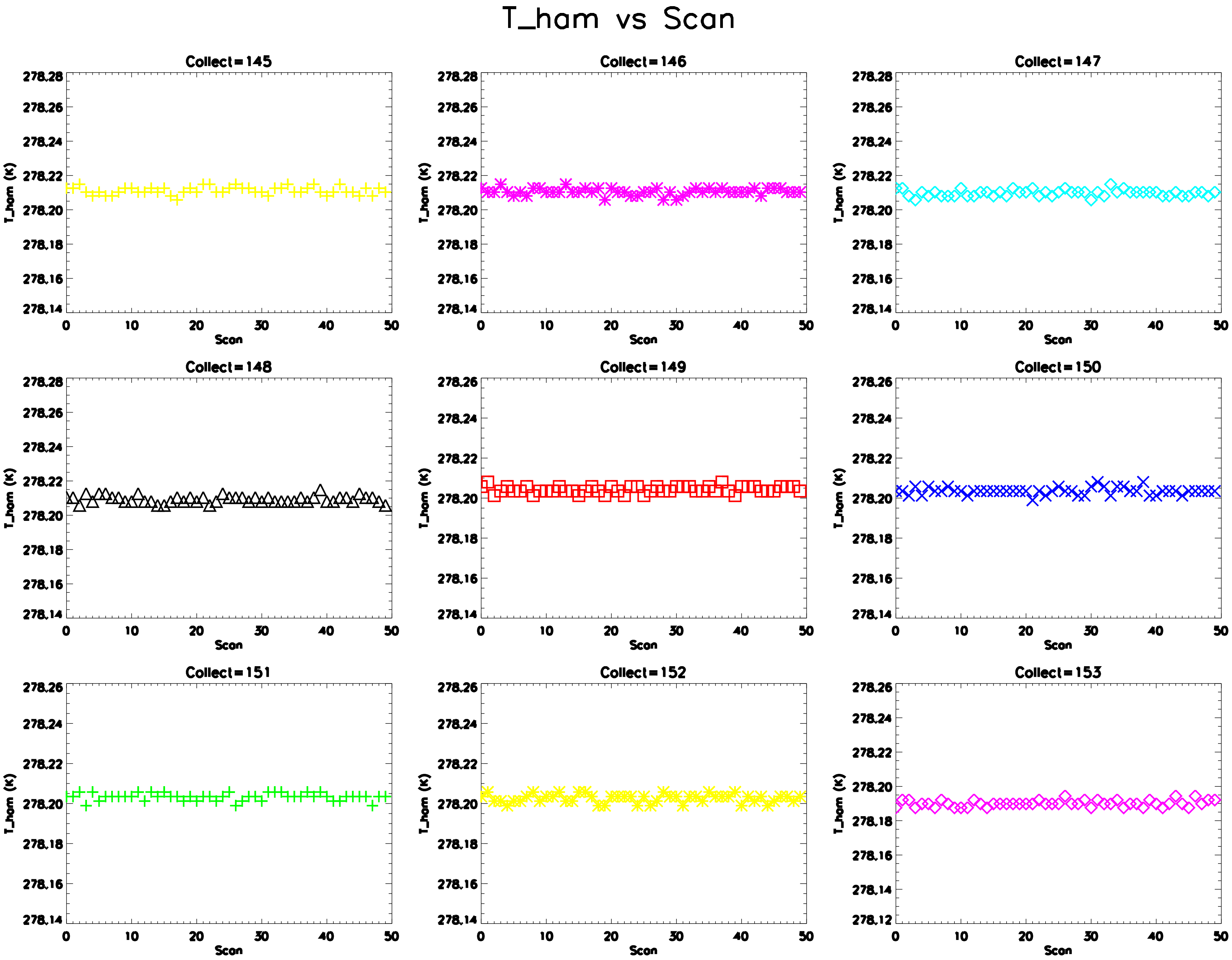

Collect=109
278.36
278.34
278.32
278.30
278.28
278.26
278.24
278.22
T_ham (K)
Scan
0
10
20
30
40
50
Collect=110
278.34
278.32
278.30
278.28
278.26
278.24
278.22
Collect=111
278.34
278.32
278.30
278.28
278.26
278.24
278.22
Collect=112
278.34
278.32
278.30
278.28
278.26
278.24
278.22
Collect=113
278.34
278.32
278.30
278.28
278.26
278.24
278.22
278.20
Collect=114
278.34
278.32
278.30
278.28
278.26
278.24
278.22
278.20
Collect=115
278.34
278.32
278.30
278.28
278.26
278.24
278.22
278.20
Collect=116
278.34
278.32
278.30
278.28
278.26
278.24
278.22
278.20
Collect=117
278.32
278.30
278.28
278.26
278.24
278.22
278.20

T_ham vs Scan
Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
T_ham (K)
Scan
278.32
278.30
278.28
278.26
278.24
278.22
278.20
278.18
0
10
20
30
40
50

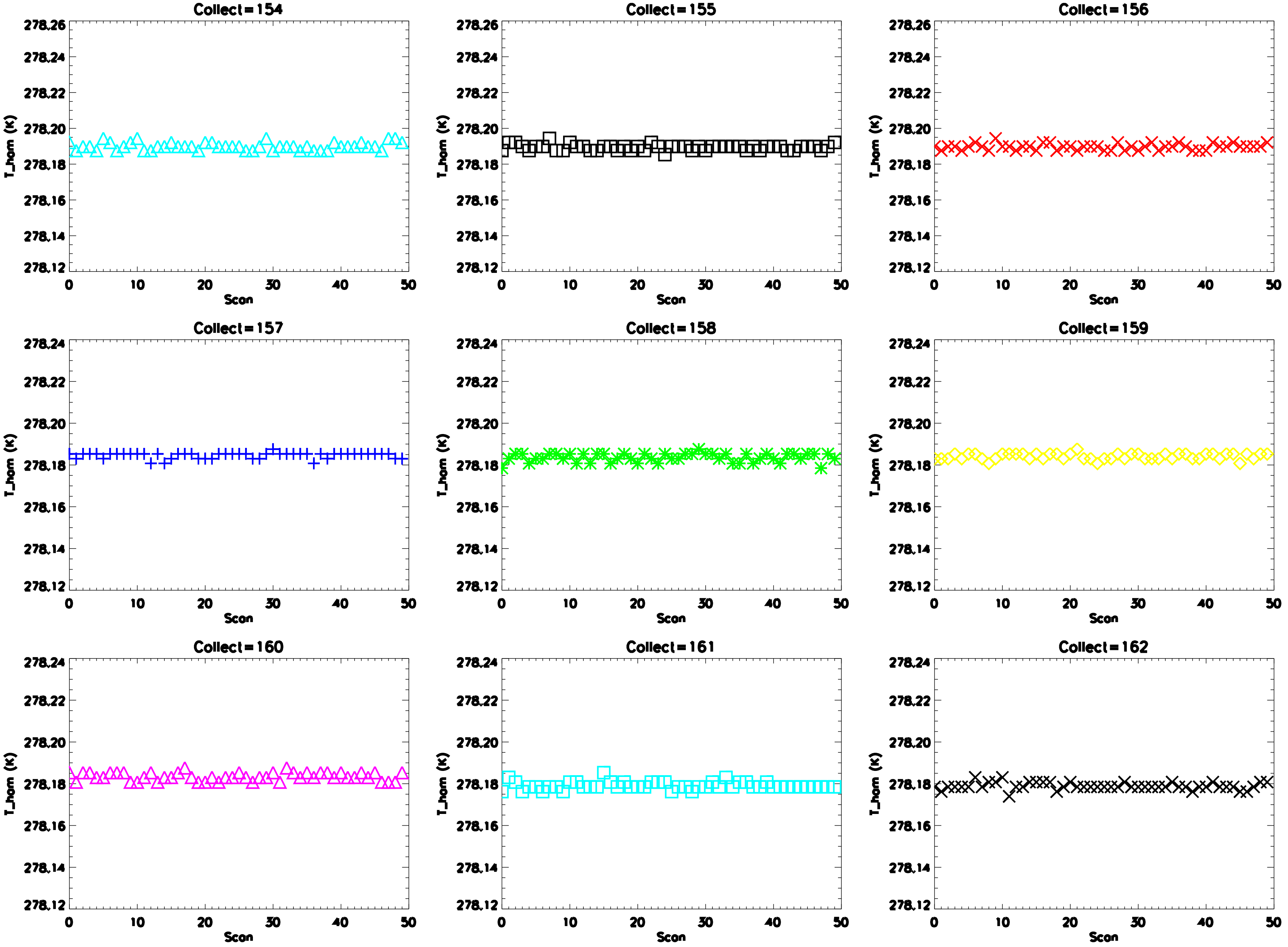

T_ham vs Scan
Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
T_ham (K)
Scan
278.30
278.28
278.26
278.24
278.22
278.20
278.18
278.16
0
10
20
30
40
50

T_ham vs Scan

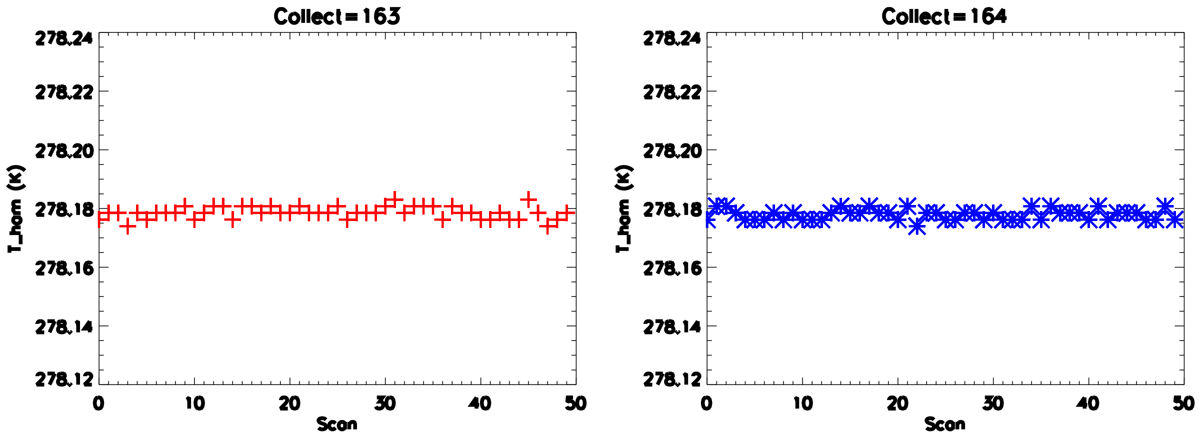

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_ham (K)
Scan
278.16
278.18
278.20
278.22
278.24
278.26
278.28
278.30
0
10
20
30
40
50

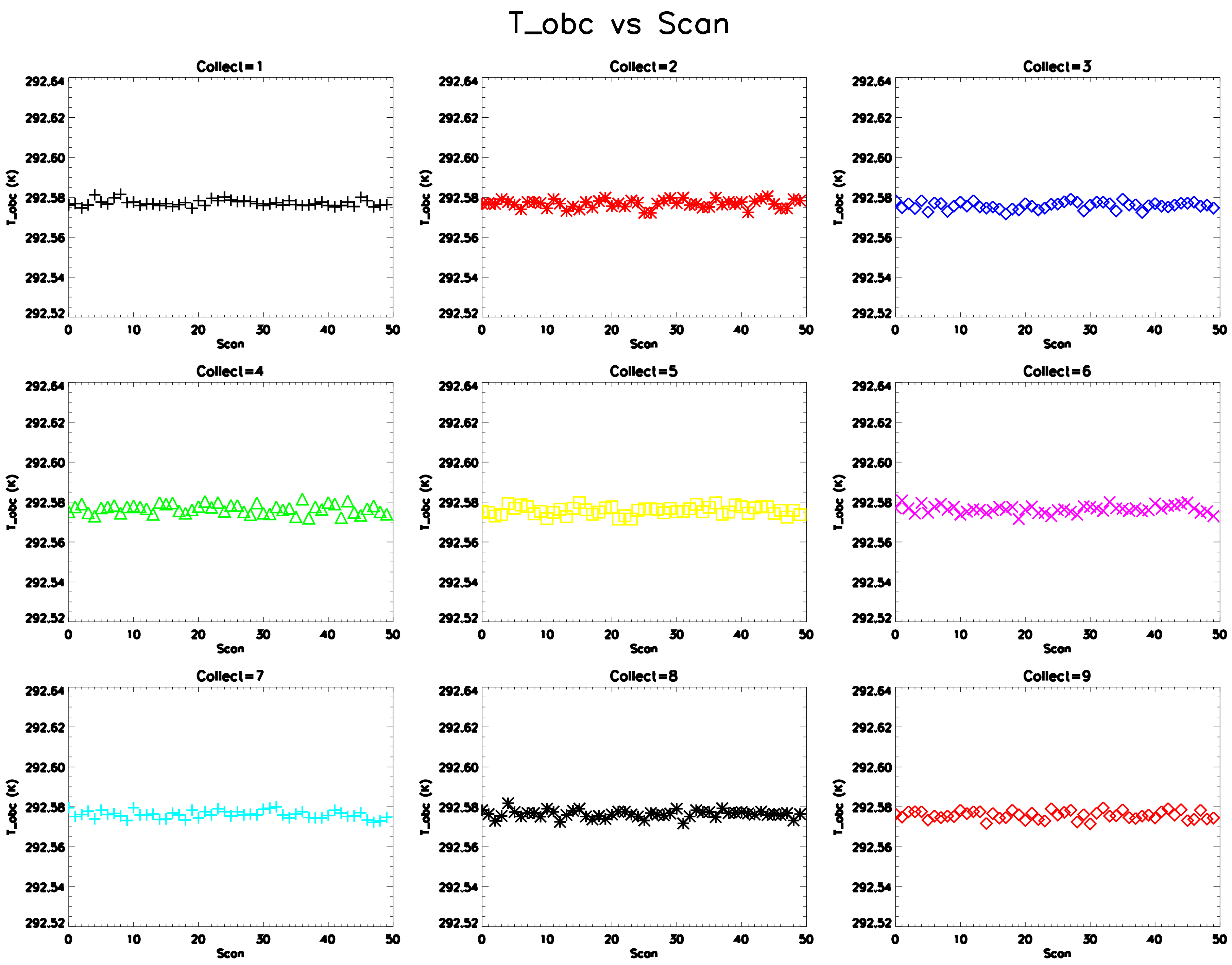

T_ham vs Scan
Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_ham (K)
Scan
278.28
278.26
278.24
278.22
278.20
278.18
278.16
278.14
278.12
0
10
20
30
40
50

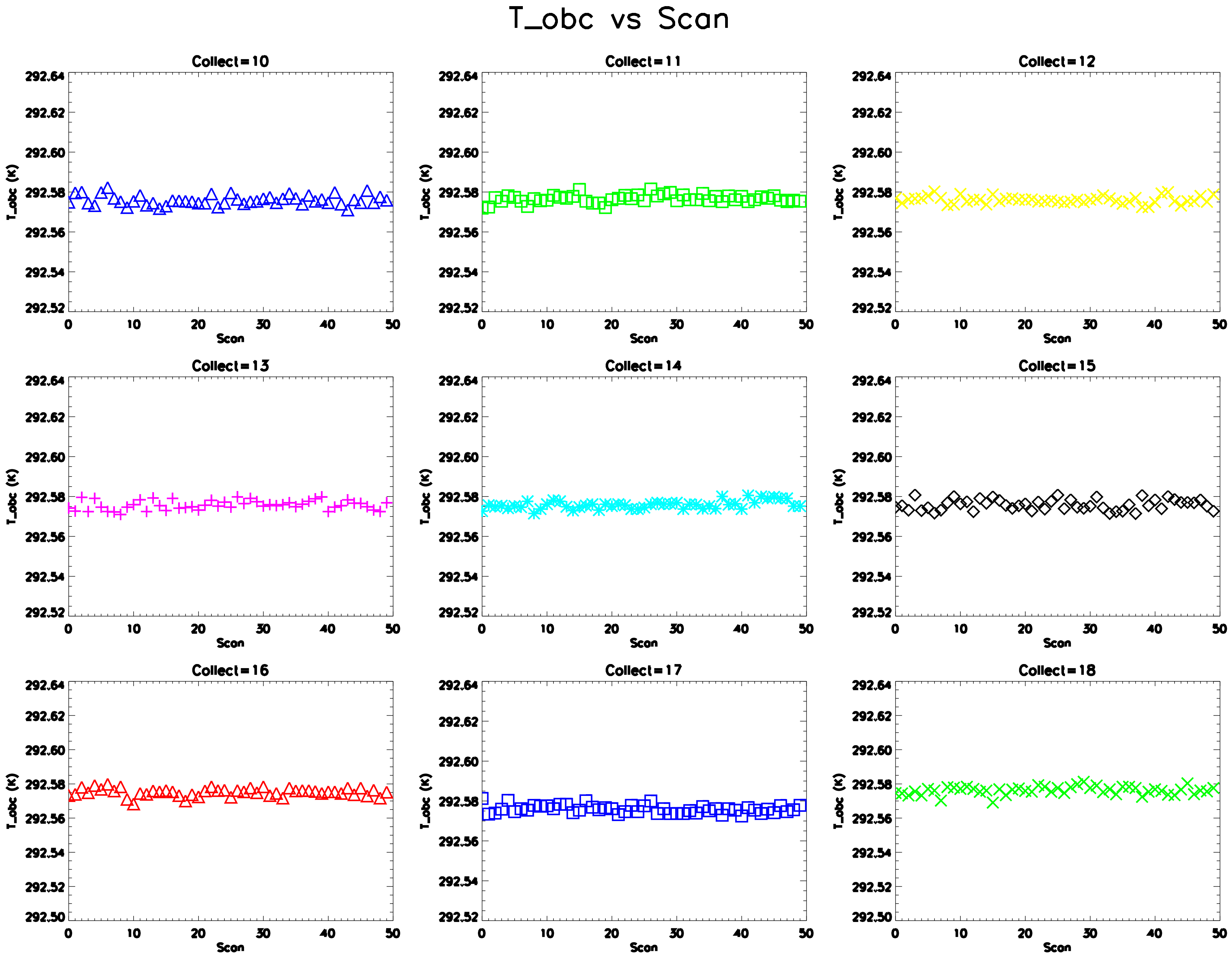
T_ham vs Scan

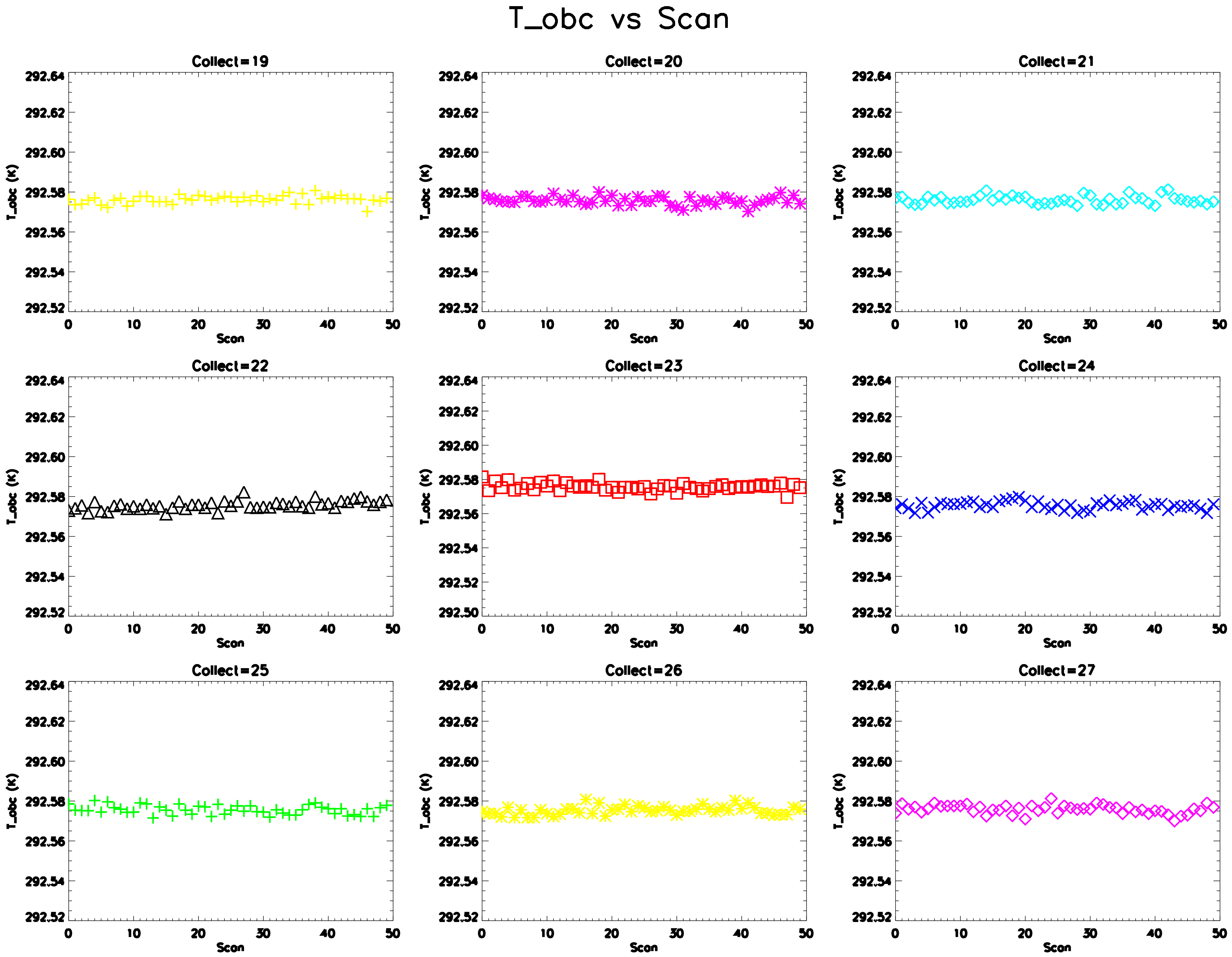

Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_ham (K)
Scan
278.26
278.24
278.22
278.20
278.18
278.16
278.14
278.12
0
10
20
30
40
50

T_ham vs Scan

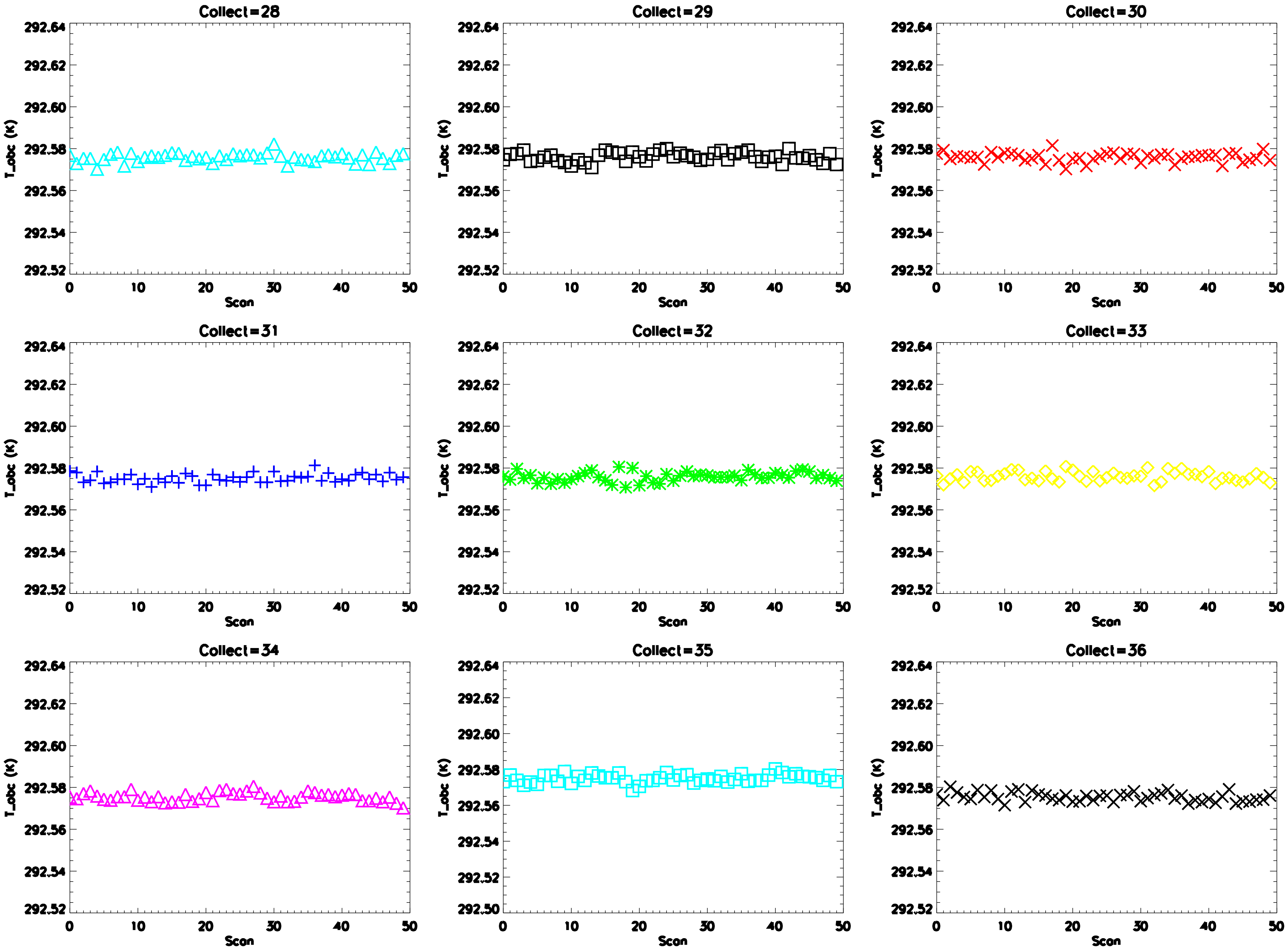

Collect=163
Collect=164
T_ham (K)
278.24
278.22
278.20
278.18
278.16
278.14
278.12
0
10
20
30
40
50
Scan

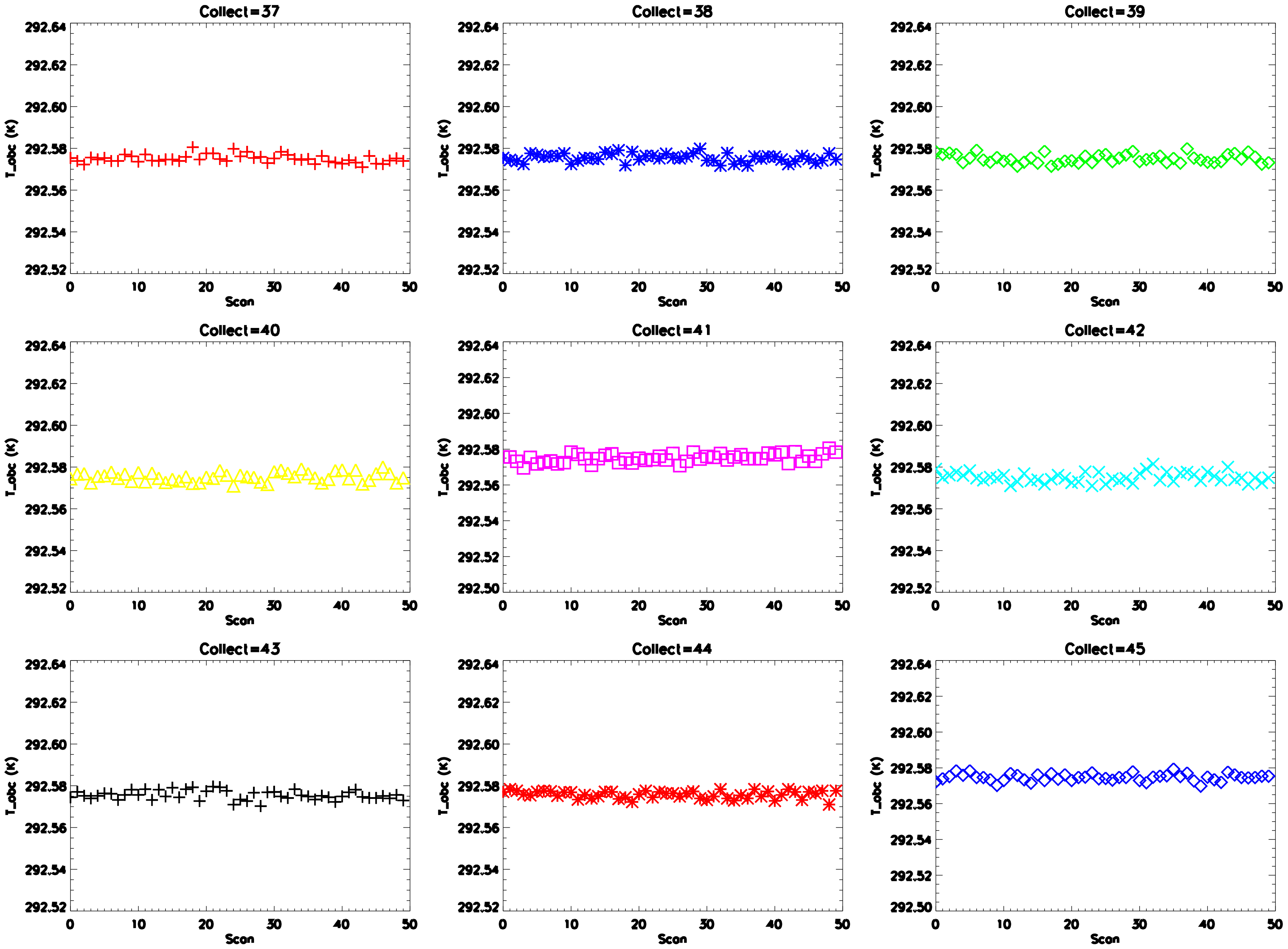

T_obc vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_obc (K)
292.64
292.62
292.60
292.58
292.56
292.54
292.52
Scan
0
10
20
30
40
50


T_obc vs Scan
Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50


T_obc vs Scan
Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

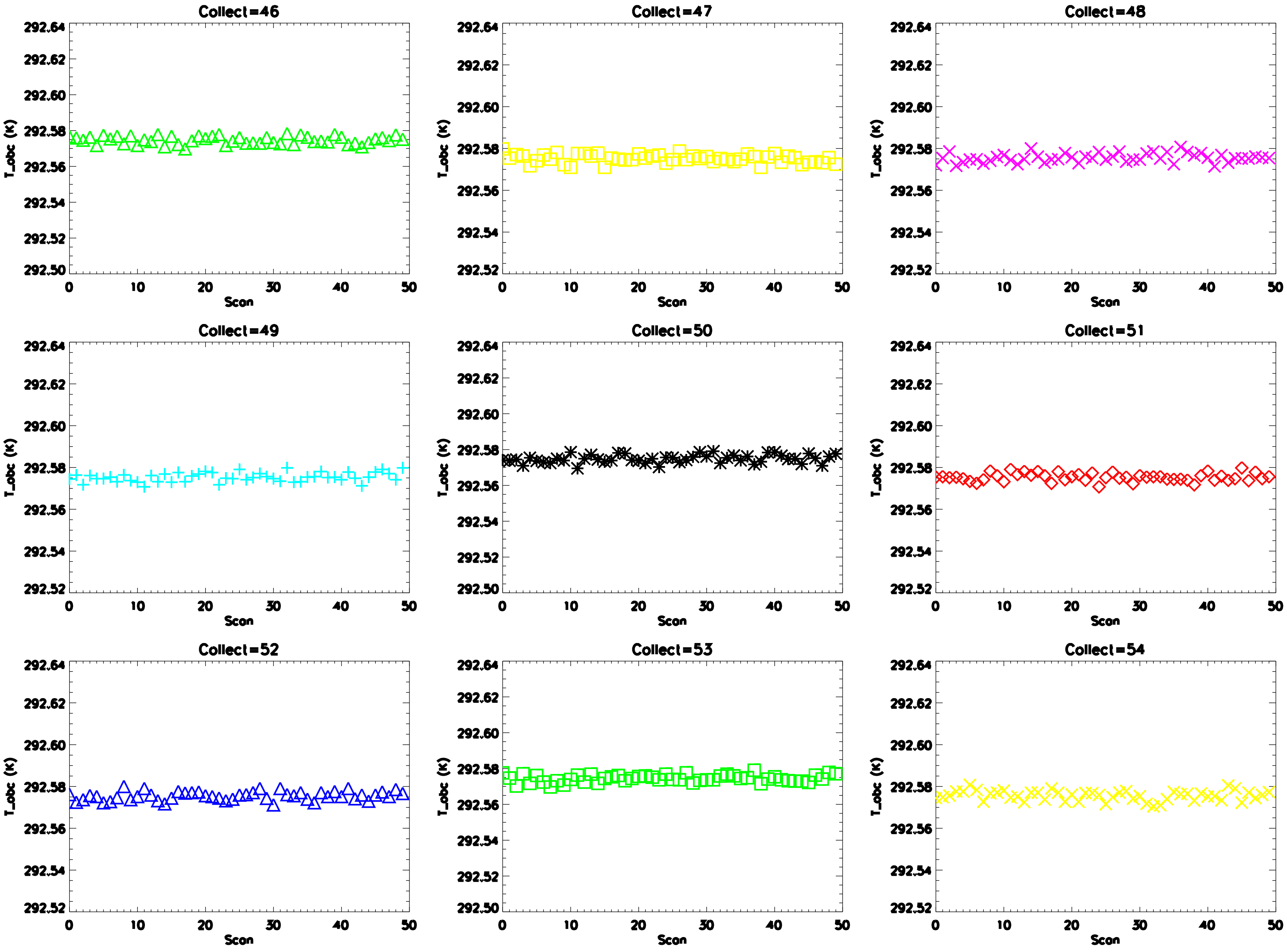
T_obc vs Scan


Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50


T_obc vs Scan

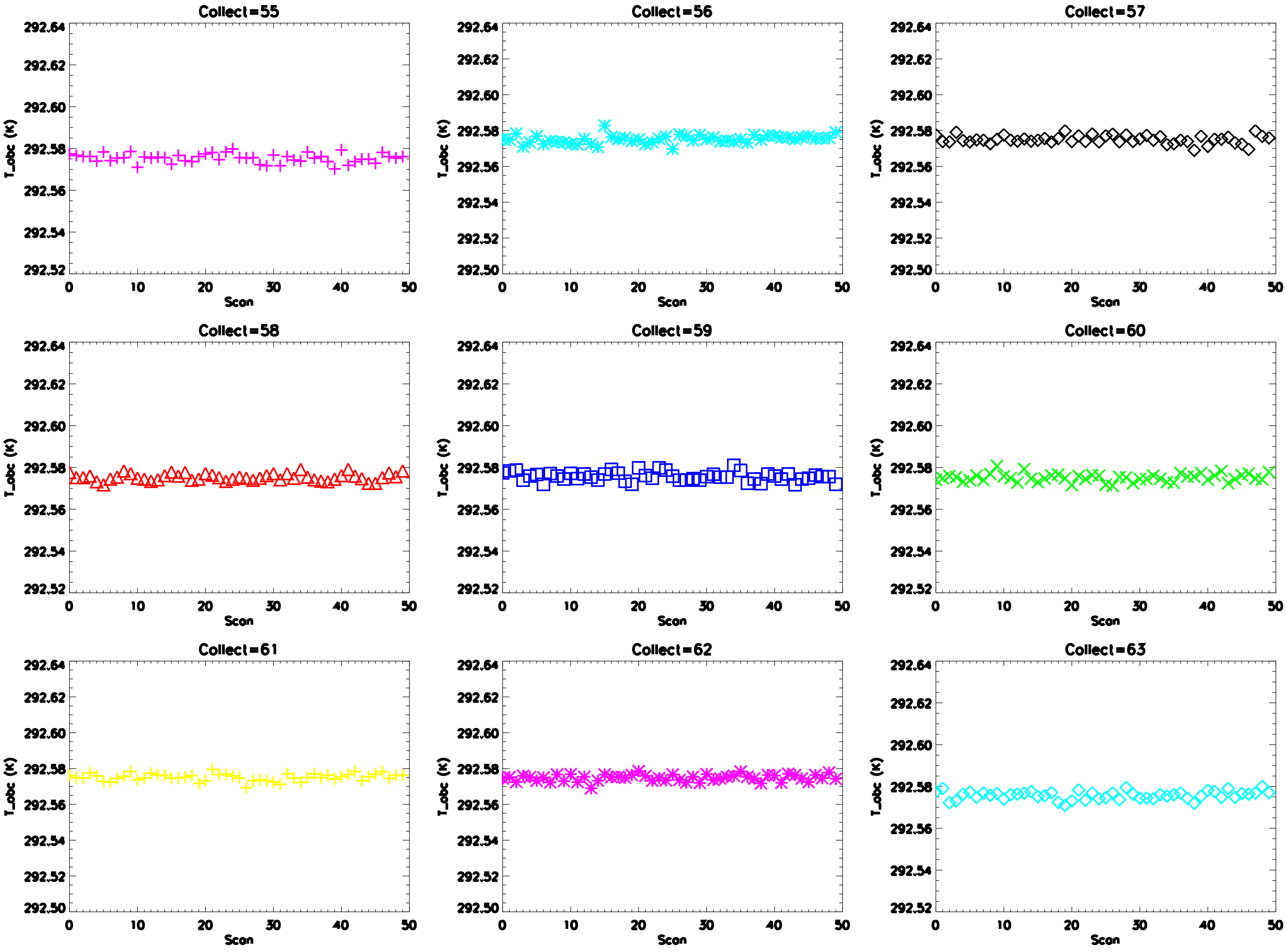
Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50

T_obc vs Scan

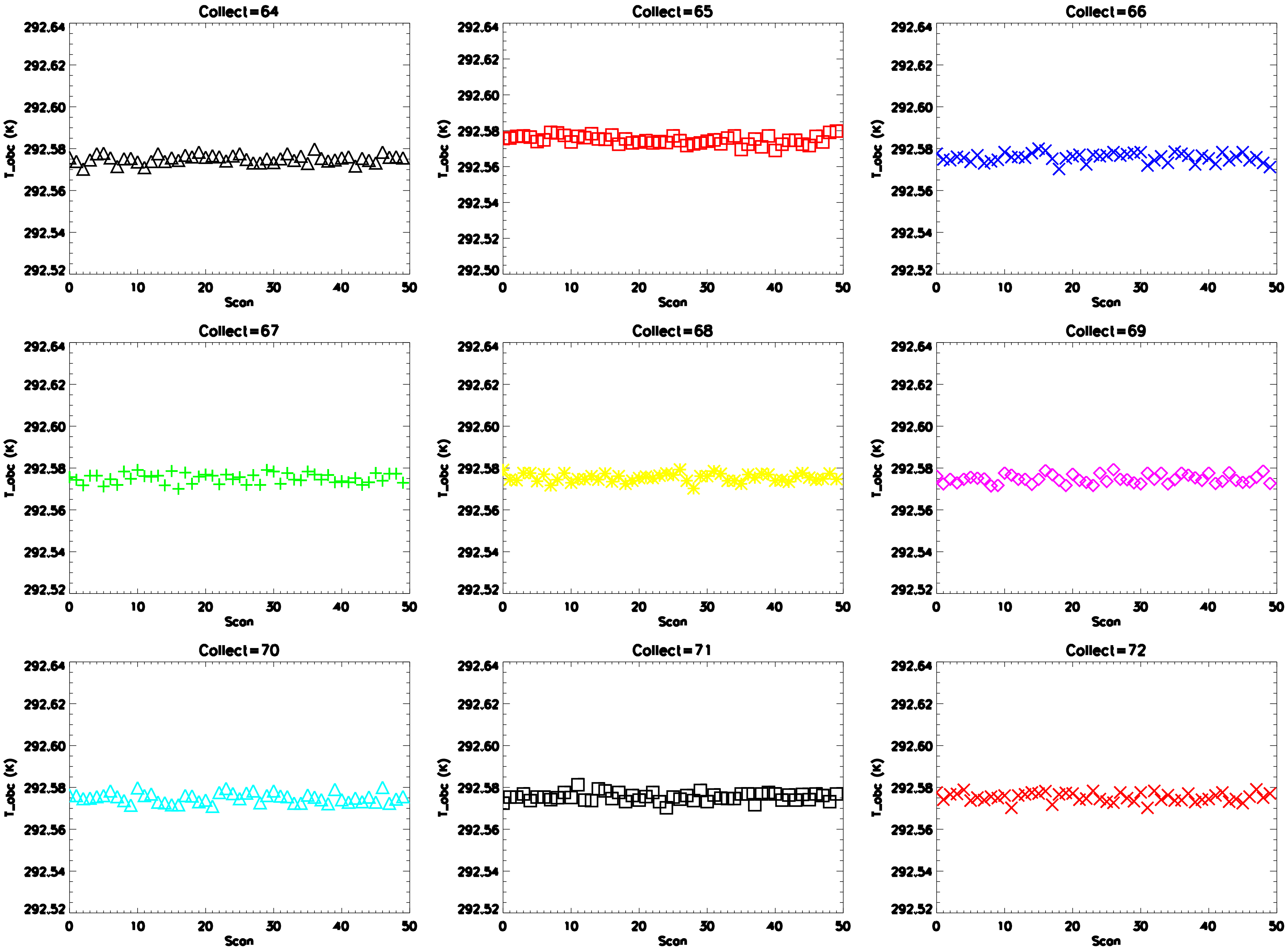


Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50

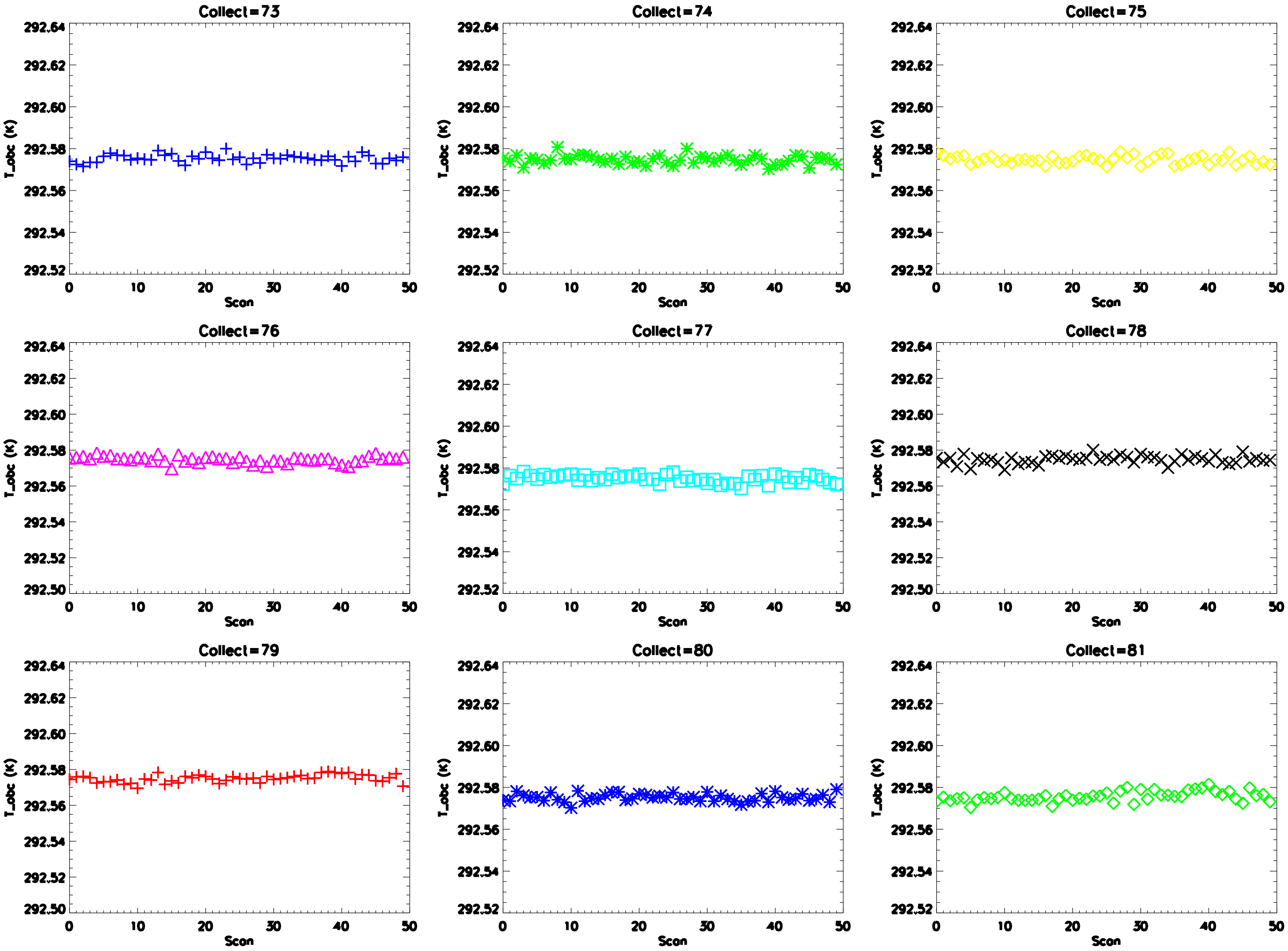
T_obc vs Scan

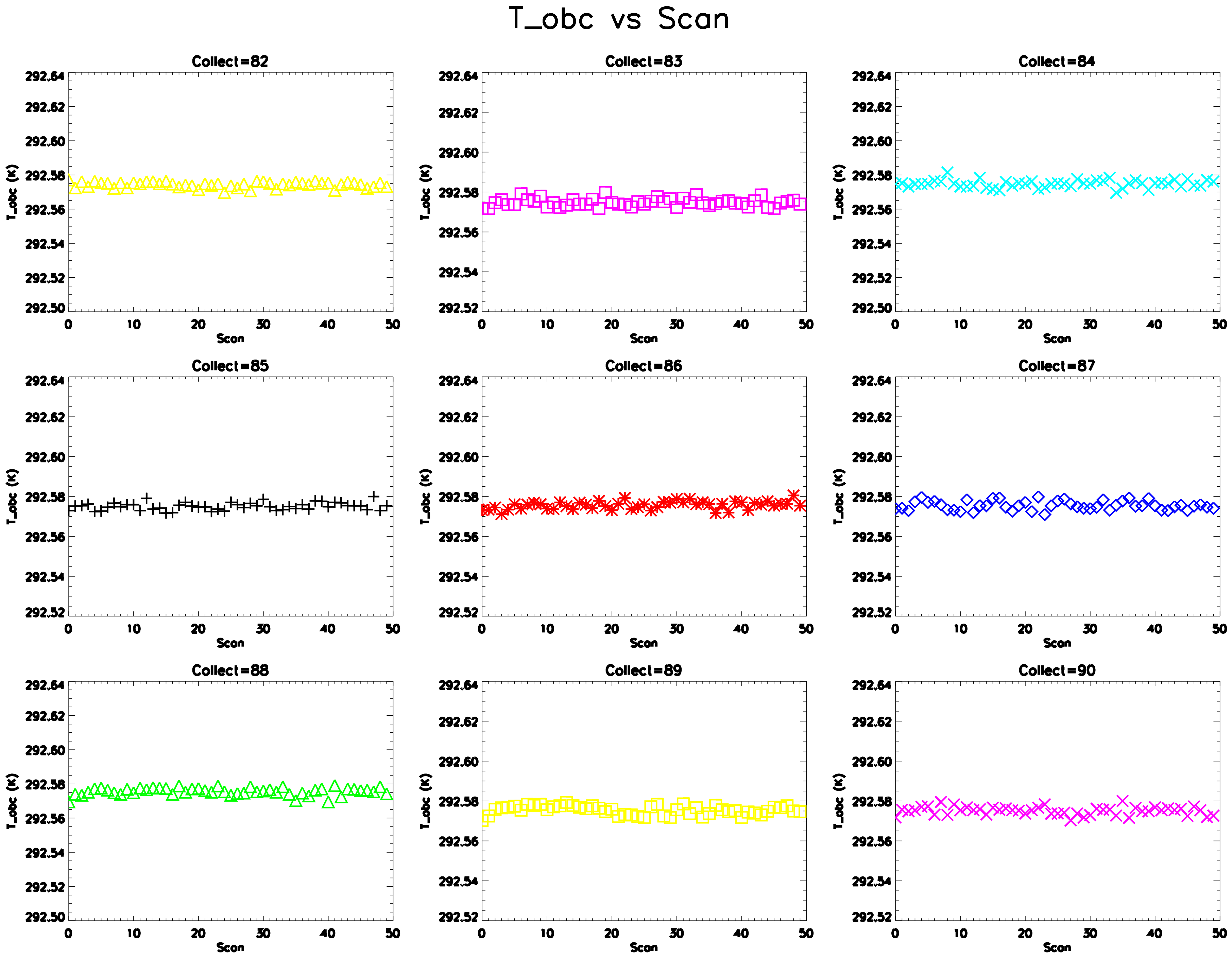

Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50

T_obc vs Scan

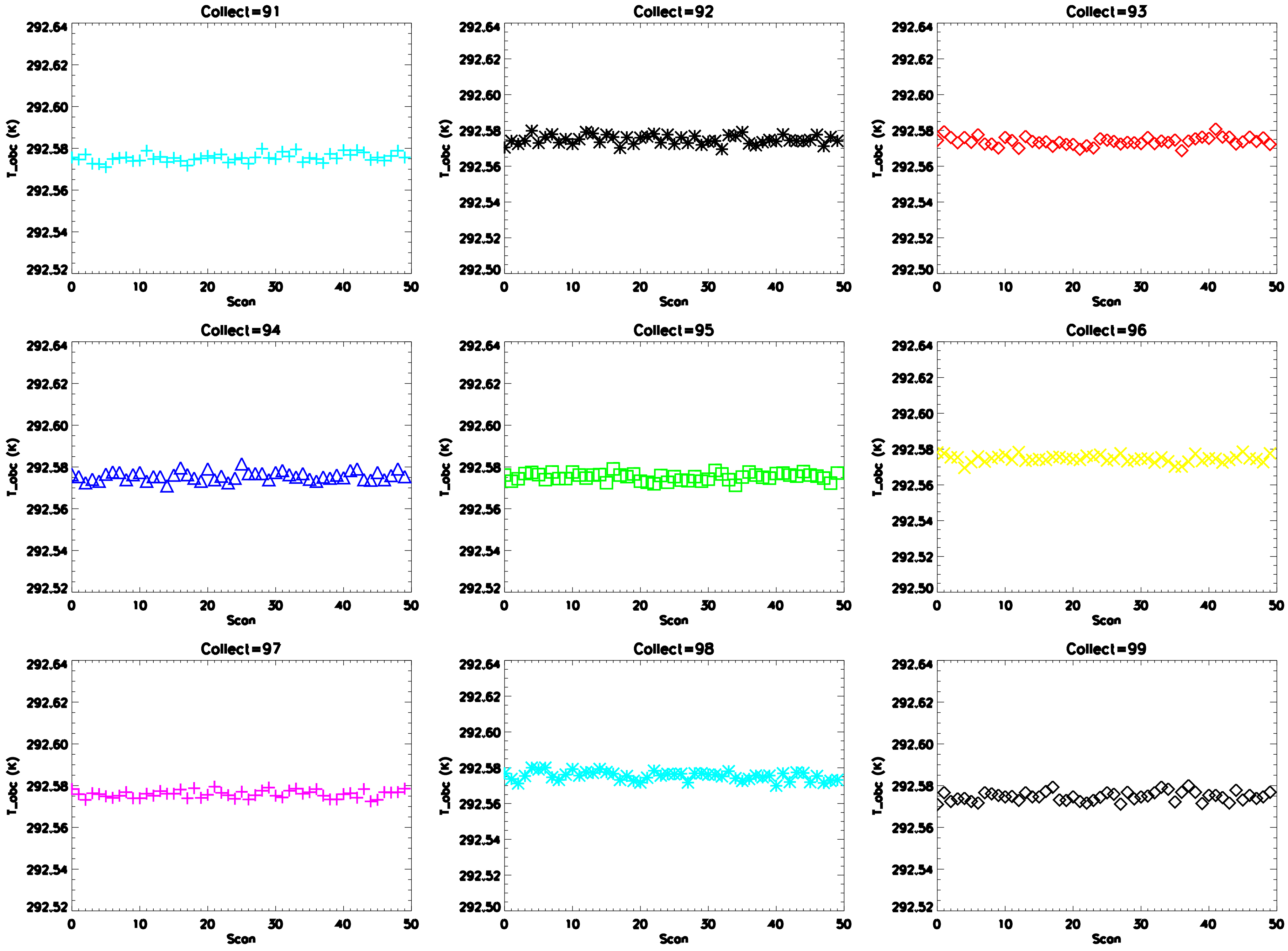

Collect=64
Collect=65
Collect=66
Collect=67
Collect=68
Collect=69
Collect=70
Collect=71
Collect=72
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50

T_obc vs Scan

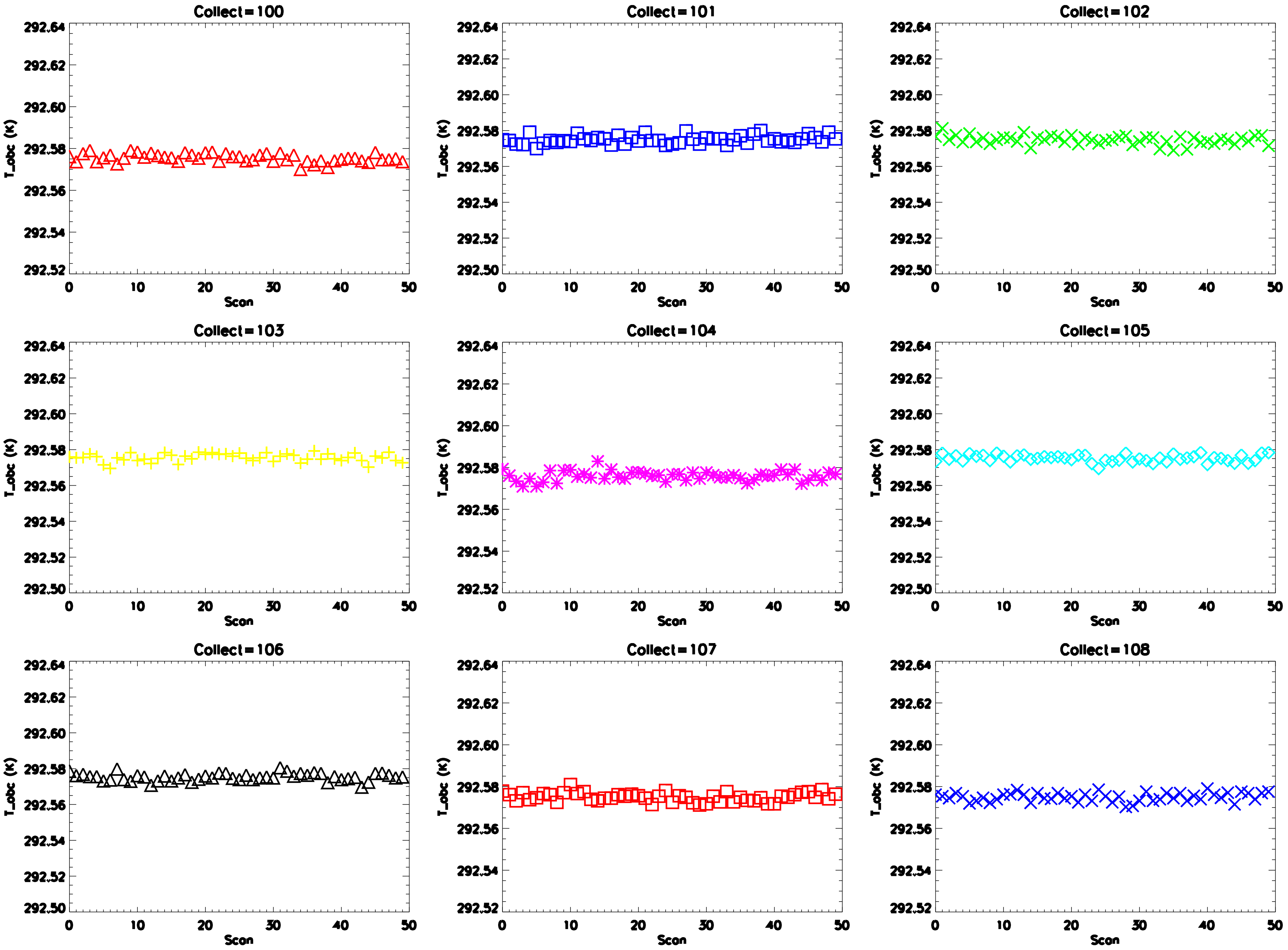

Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50


T_obc vs Scan
Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

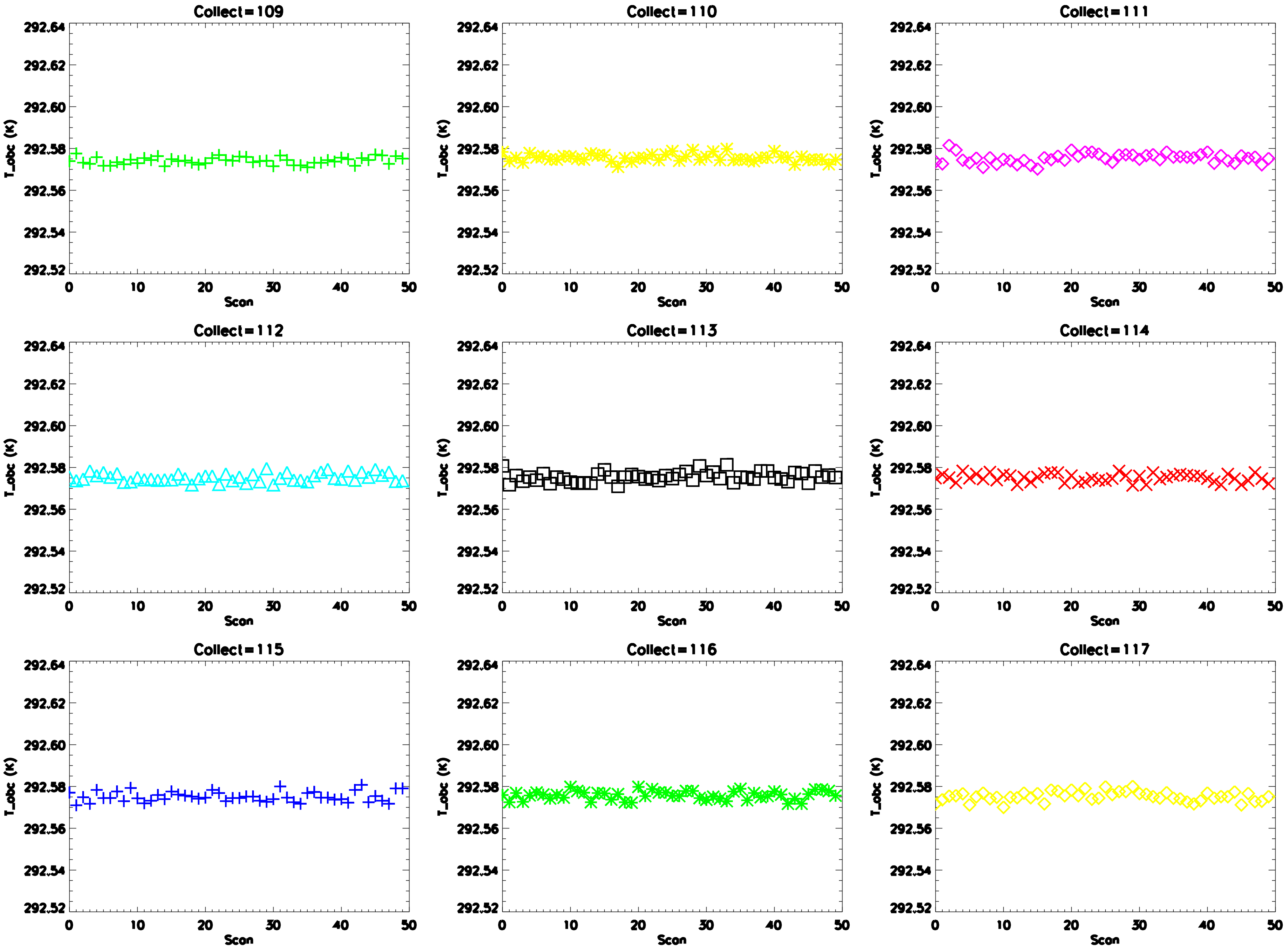
T_obc vs Scan


Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
T_obc (K)
Scan
0
10
20
30
40
50
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64

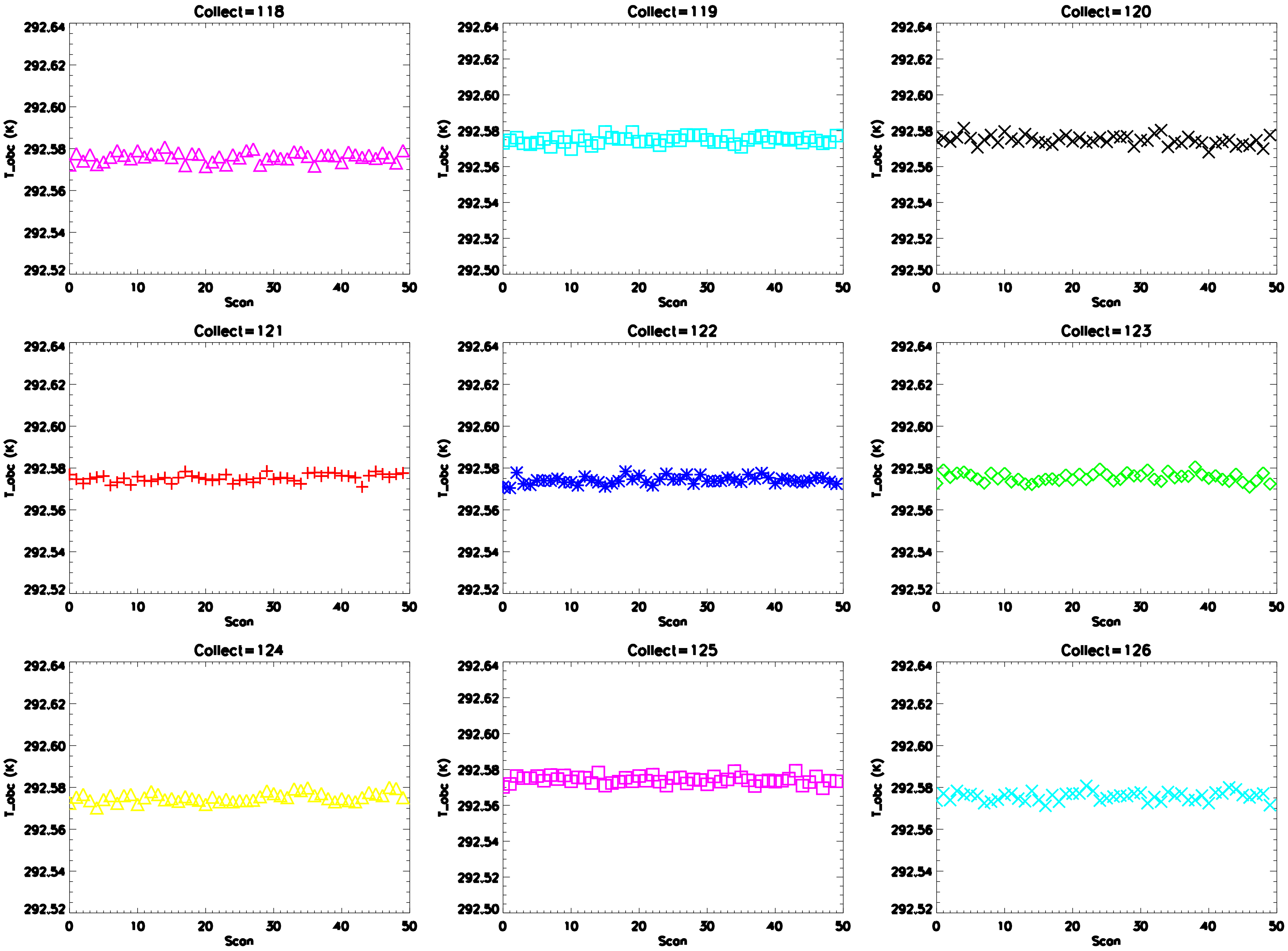
T_obc vs Scan


Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

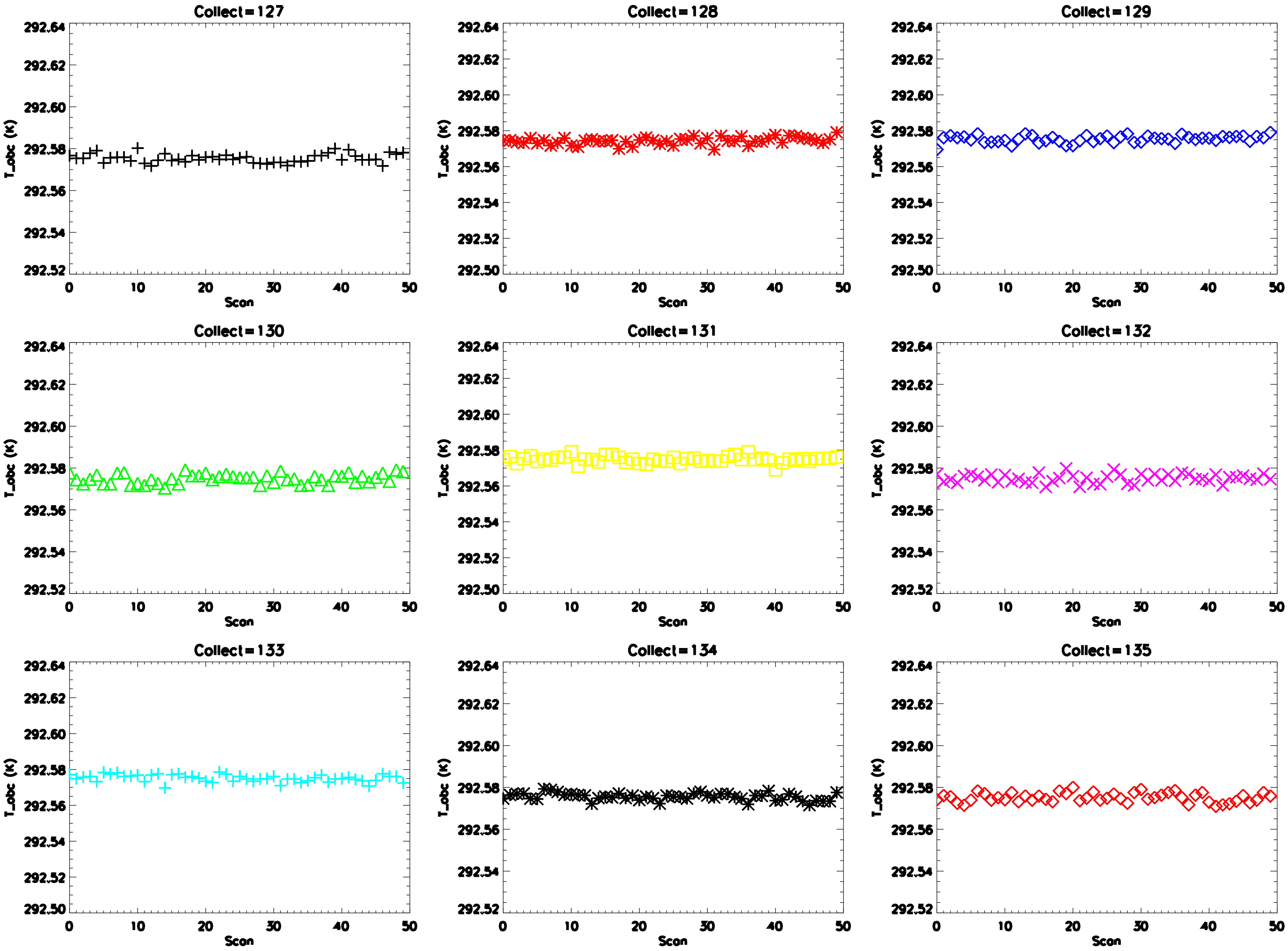
T_obc vs Scan

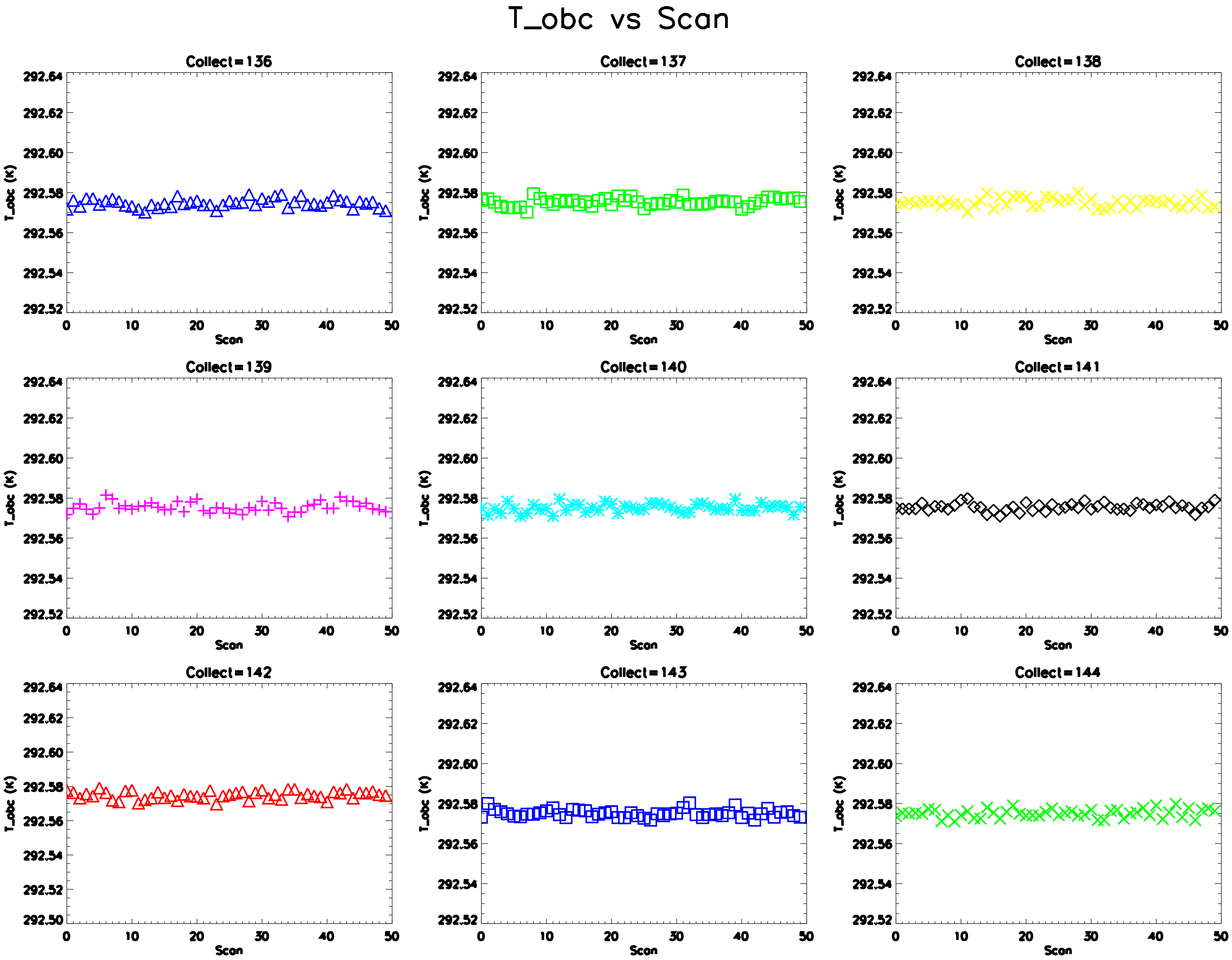

Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
T_obc (K)
292.64
292.62
292.60
292.58
292.56
292.54
292.52
Scan
0
10
20
30
40
50

T_obc vs Scan

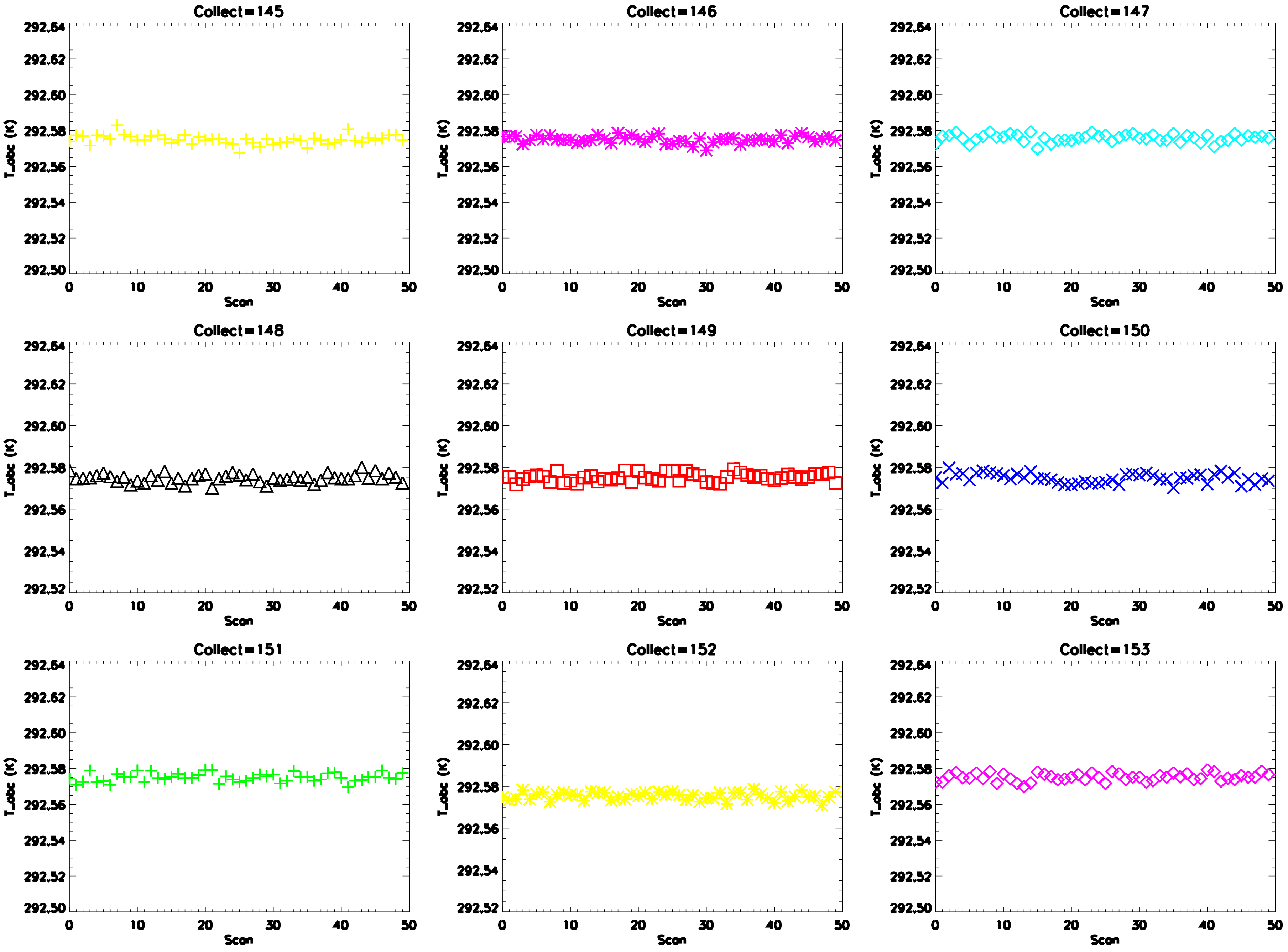

Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

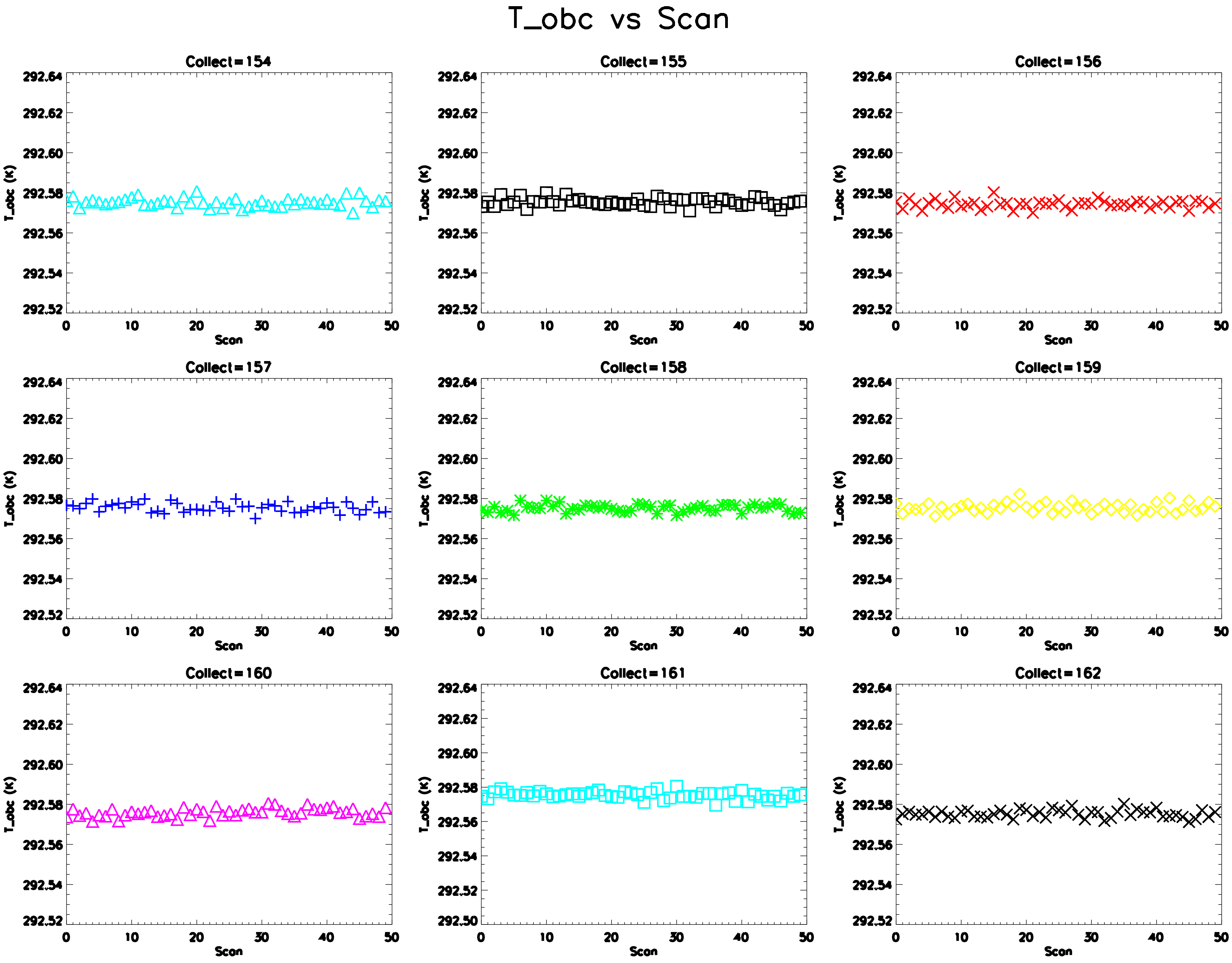
T_obc vs Scan

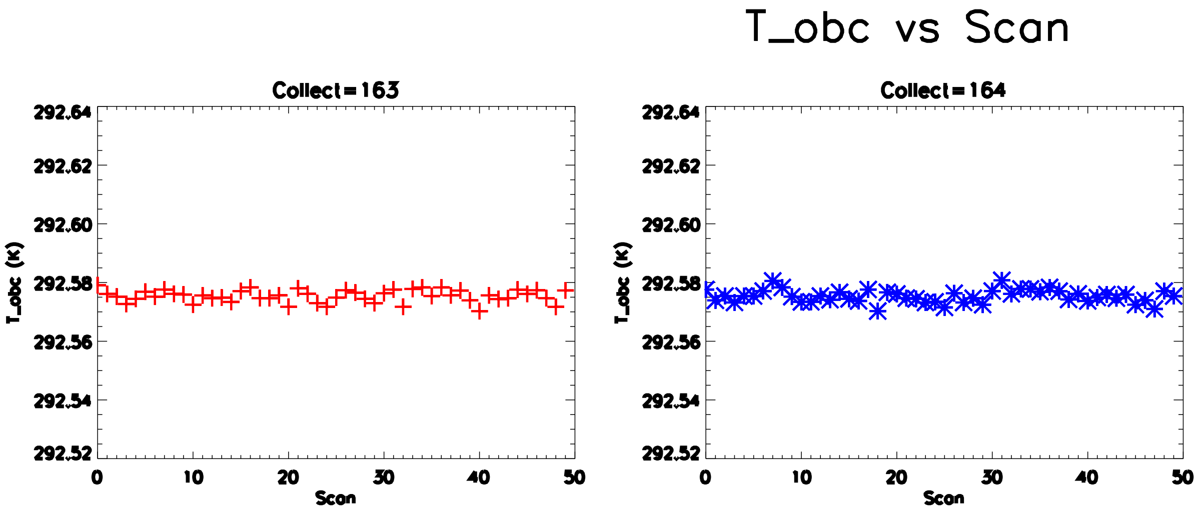

Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50

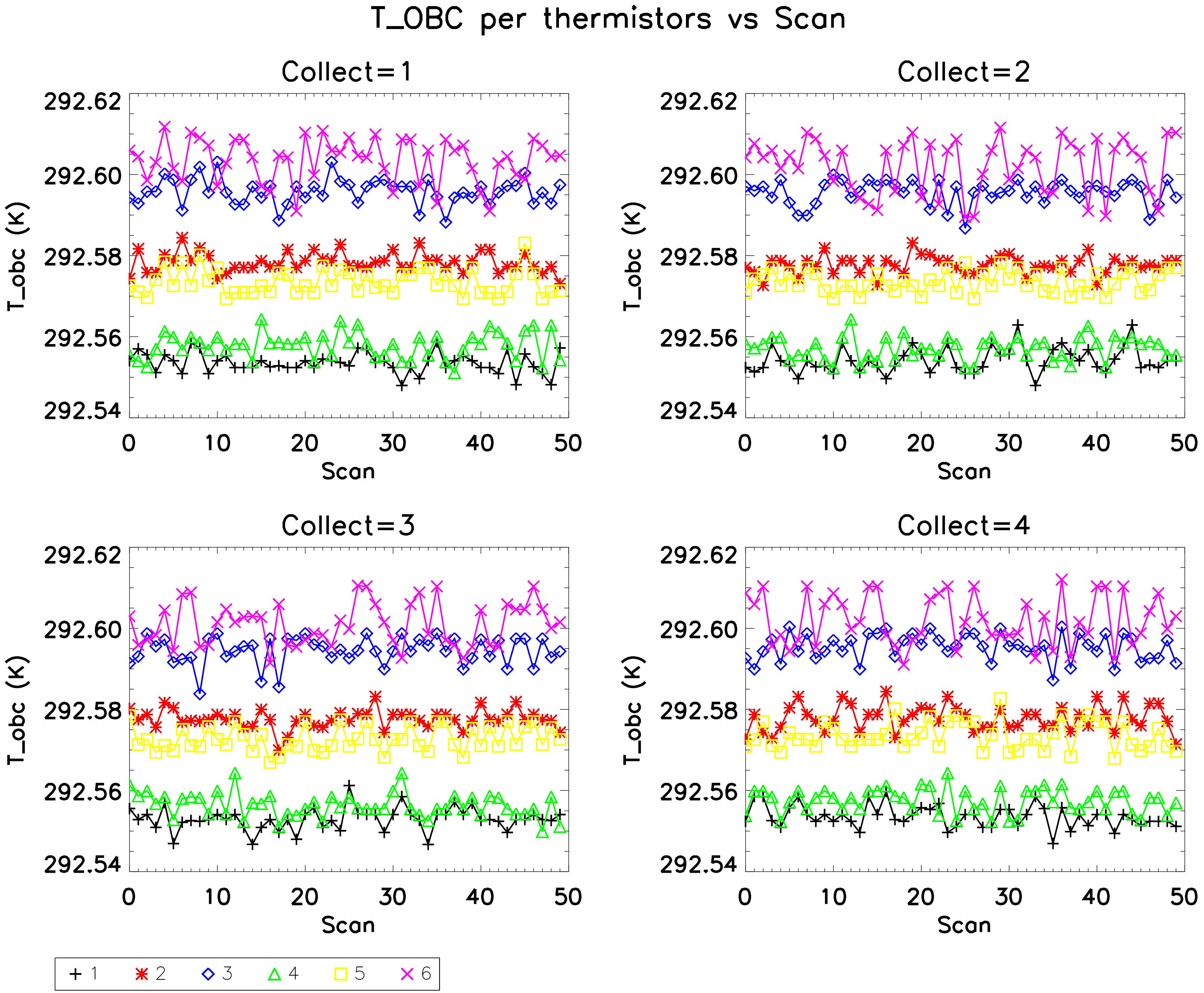

T_obc vs Scan
Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

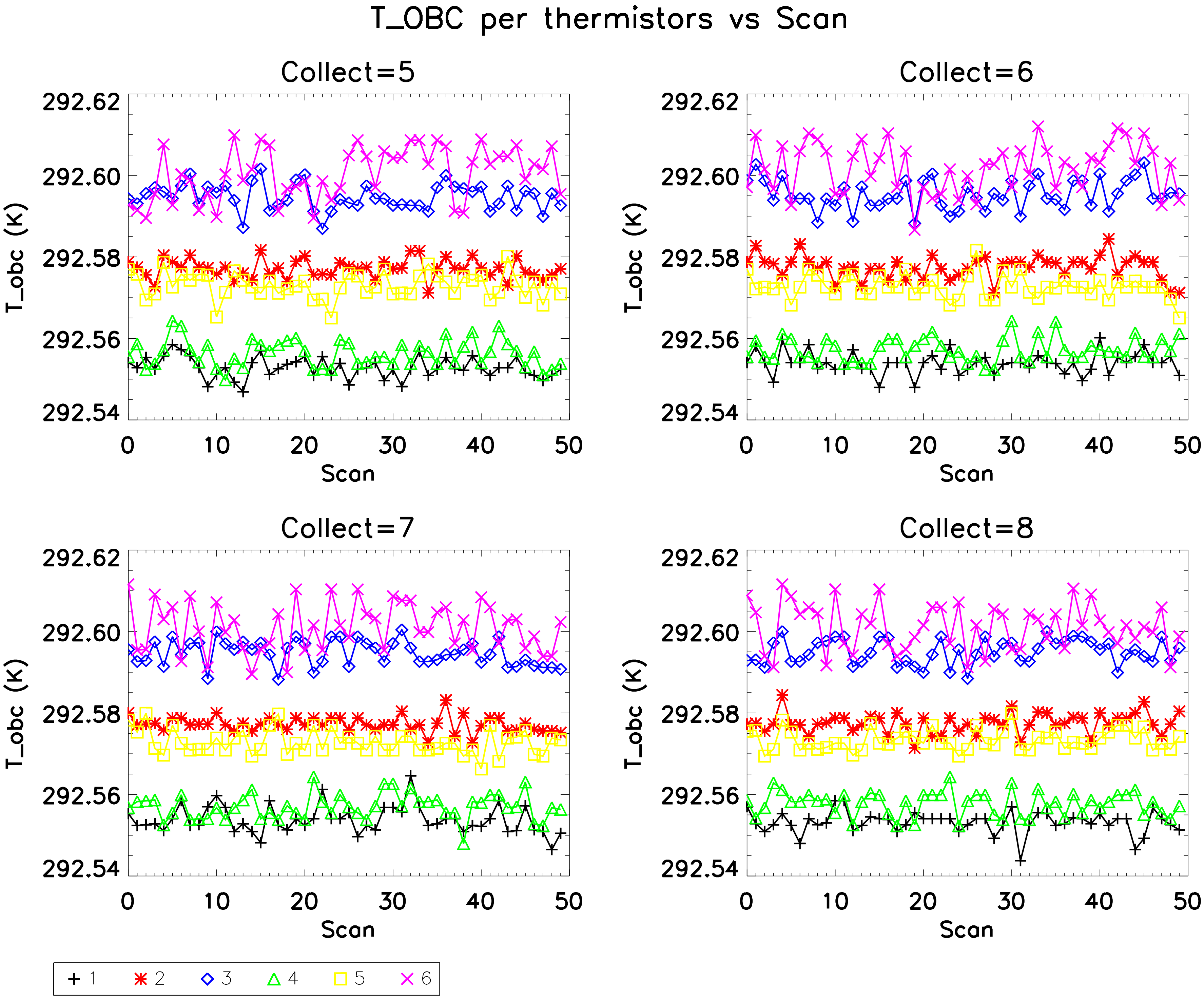
T_obc vs Scan

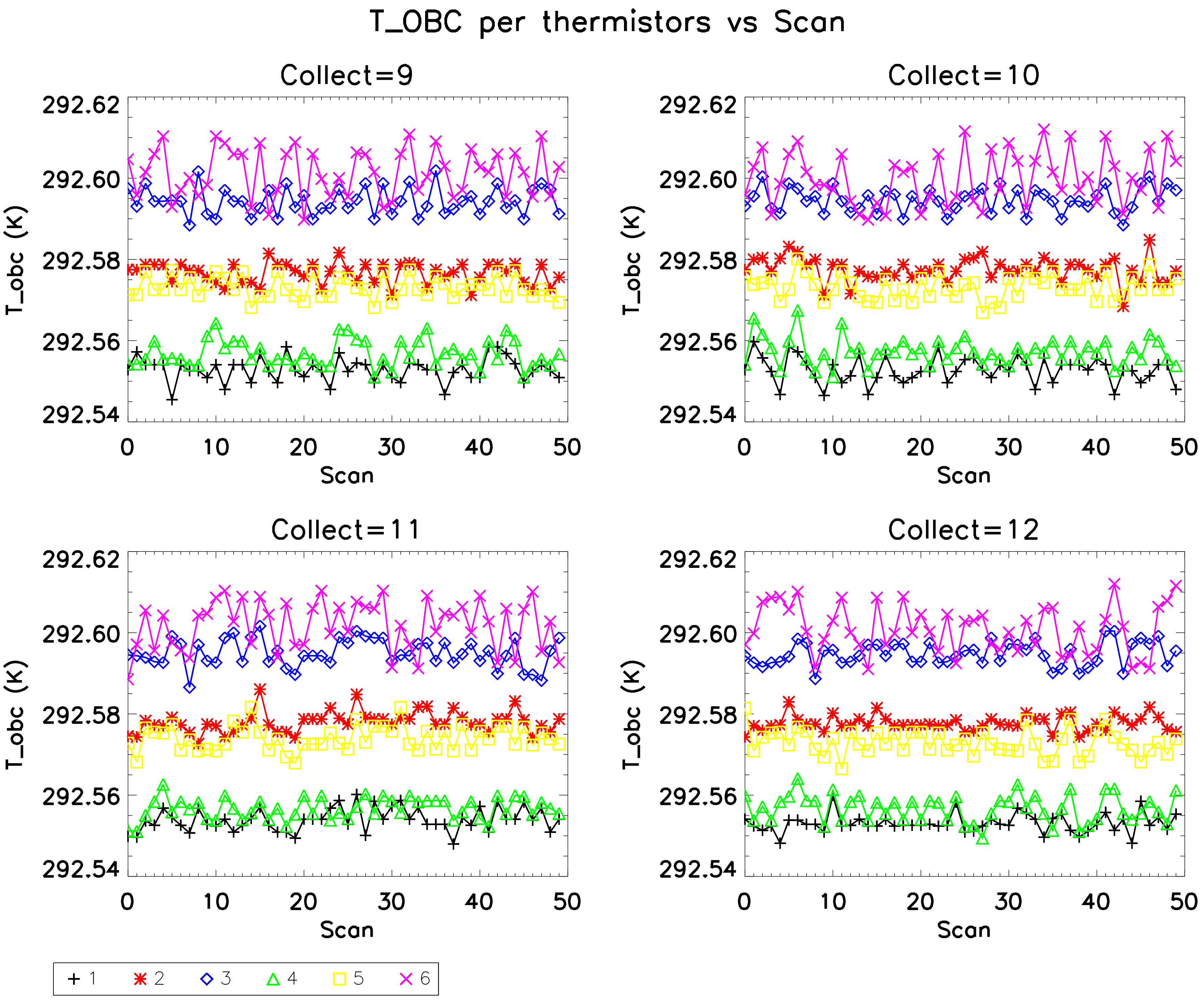

Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_obc (K)
Scan
292.50
292.52
292.54
292.56
292.58
292.60
292.62
292.64
0
10
20
30
40
50


T_obc vs Scan
Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_obc (K)
Scan
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50

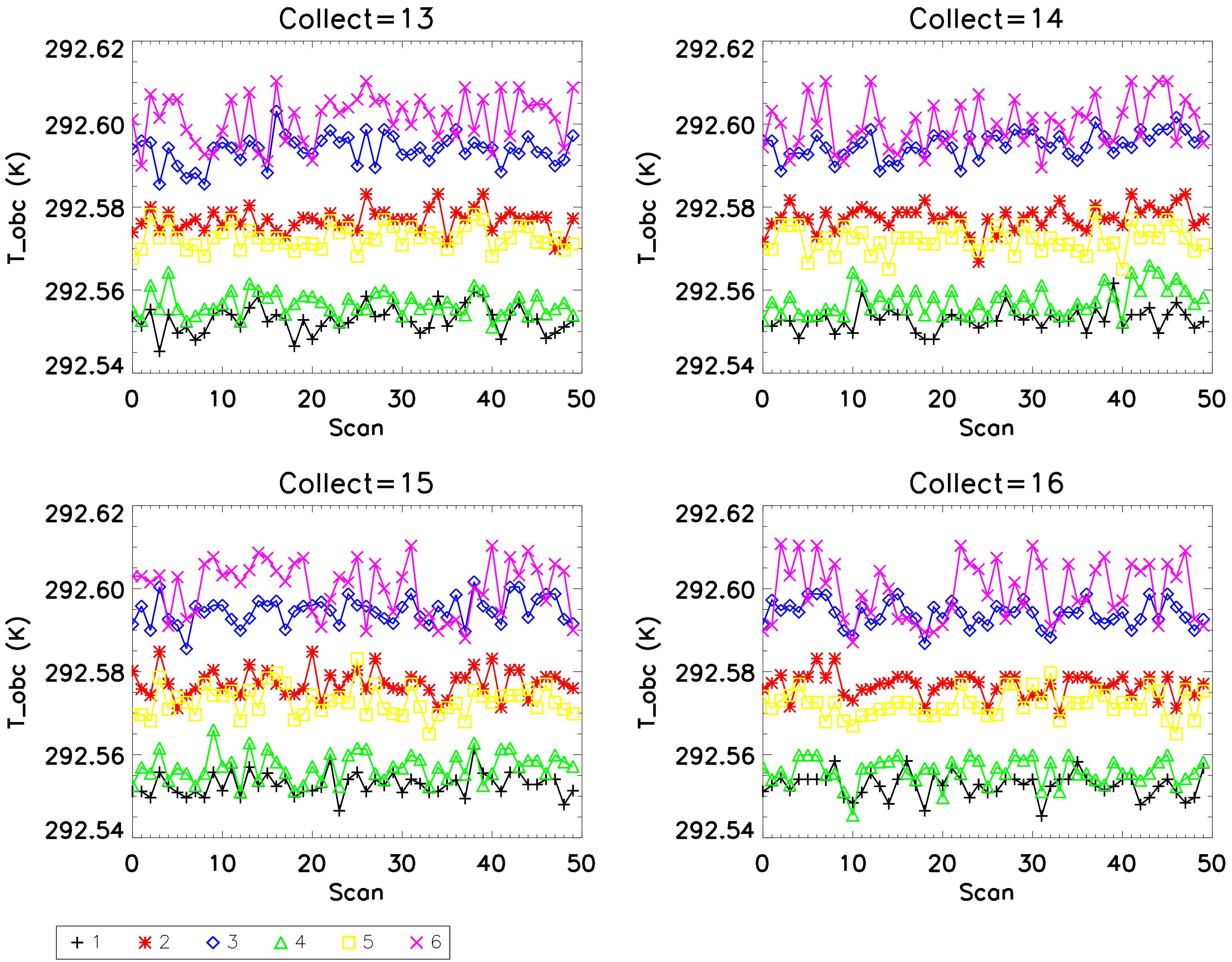

T_obc vs Scan
Collect=163
Collect=164
T_obc (K)
292.64
292.62
292.60
292.58
292.56
292.54
292.52
0
10
20
30
40
50
Scan

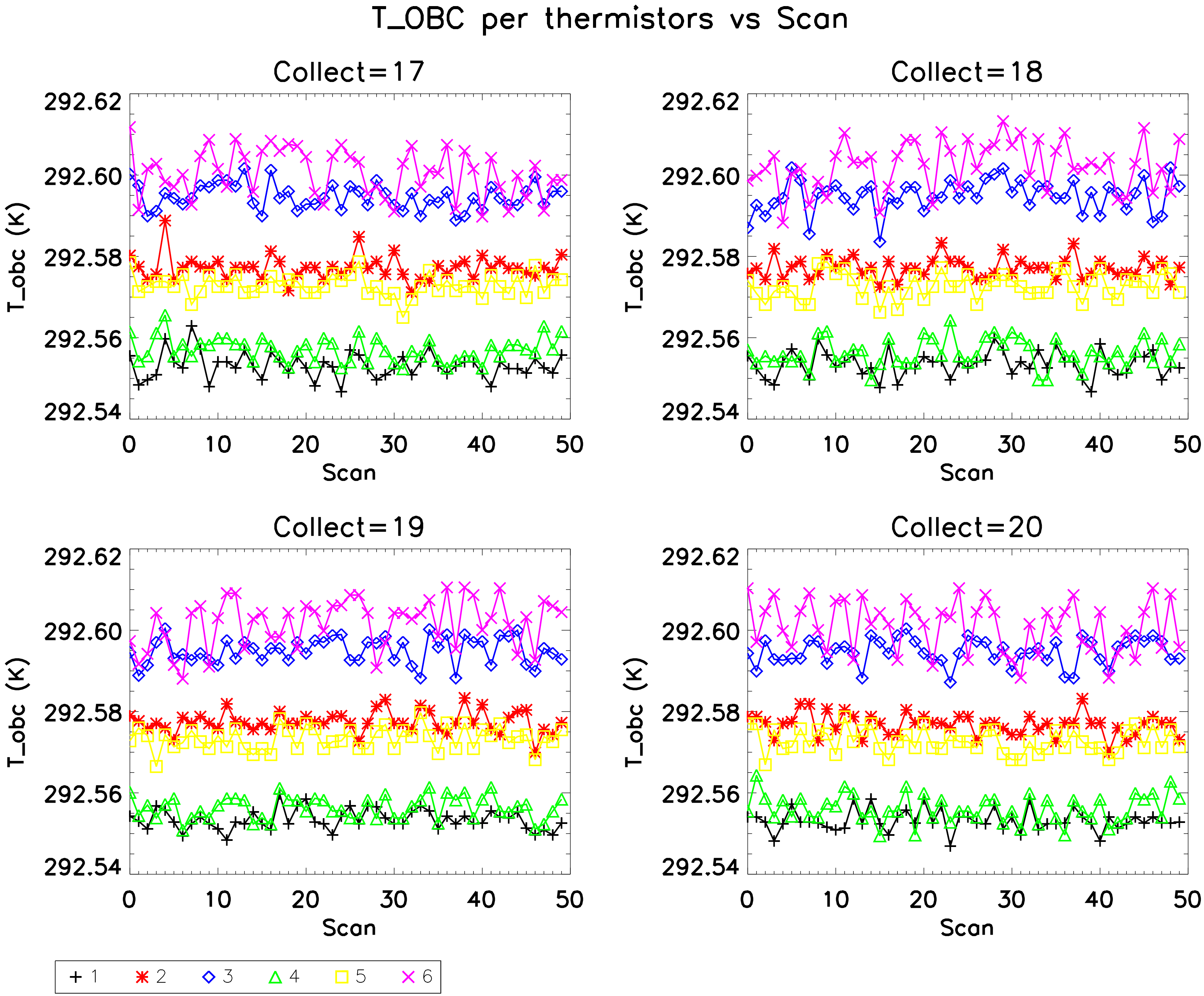

T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

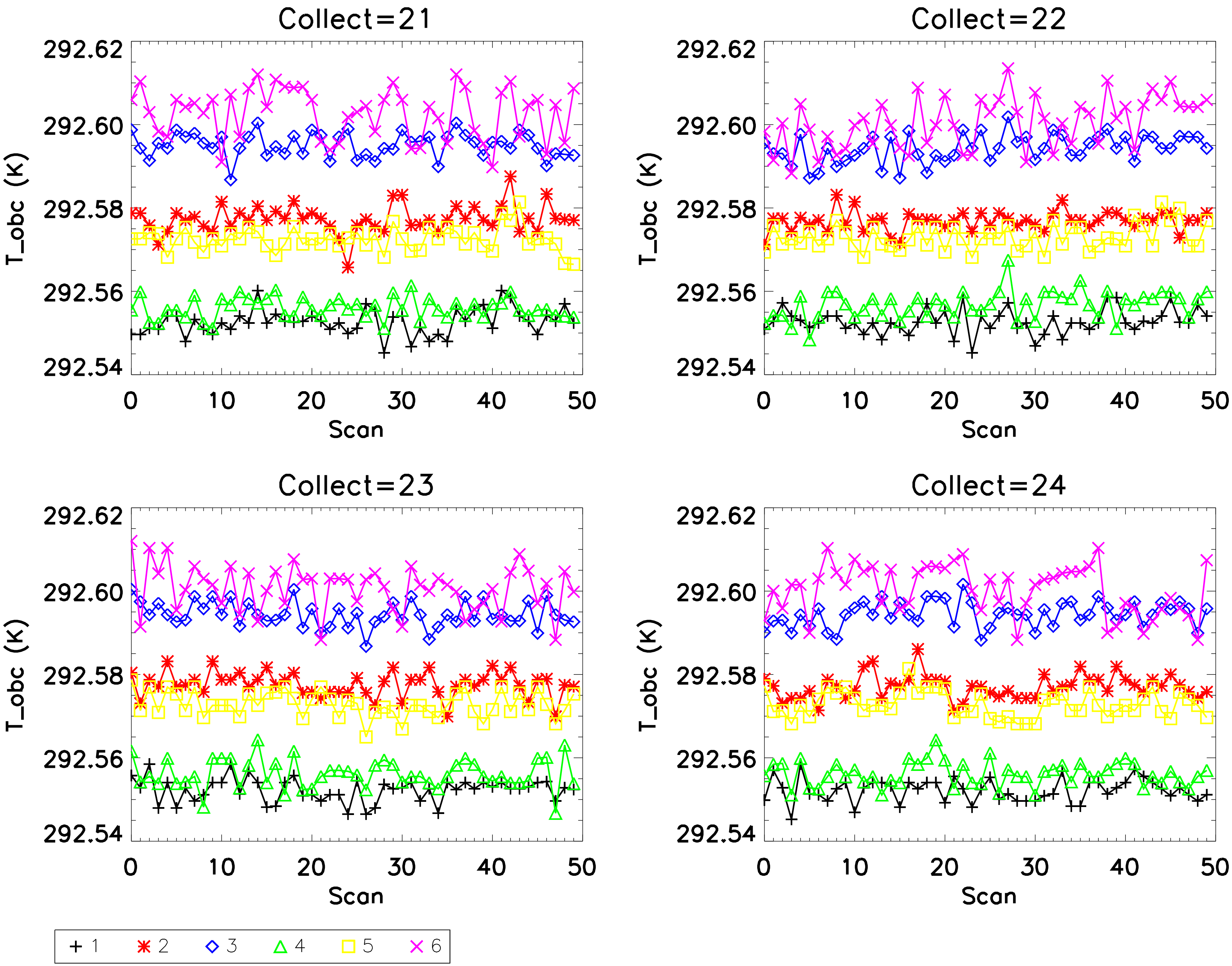

T_OBC per thermistors vs Scan
Collect=5
Collect=6
Collect=7
Collect=8
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=9
Collect=10
Collect=11
Collect=12
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

T_OBC per thermistors vs Scan




T_OBC per thermistors vs Scan
Collect=17
Collect=18
Collect=19
Collect=20
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6



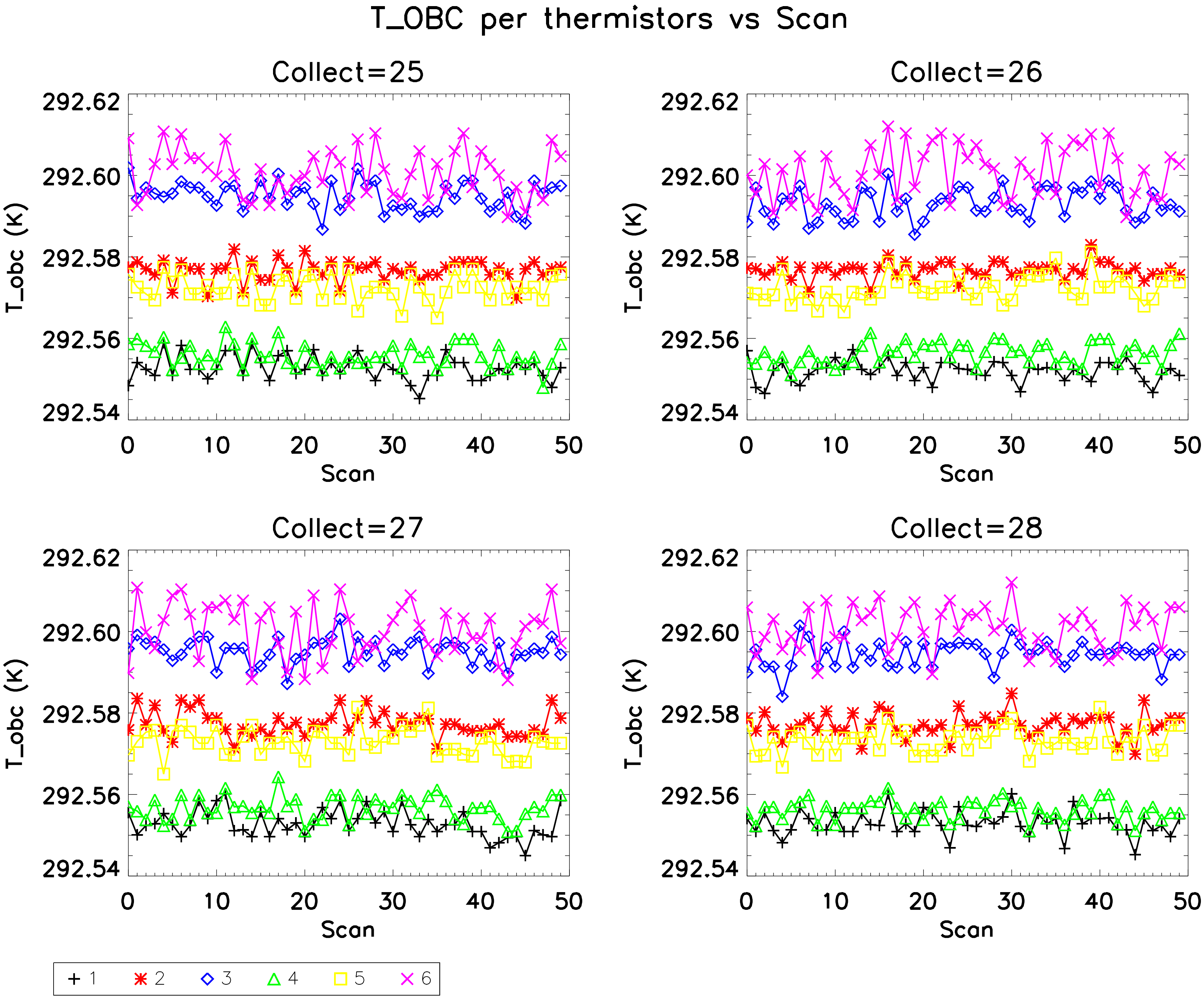
T_OBC per thermistors vs Scan

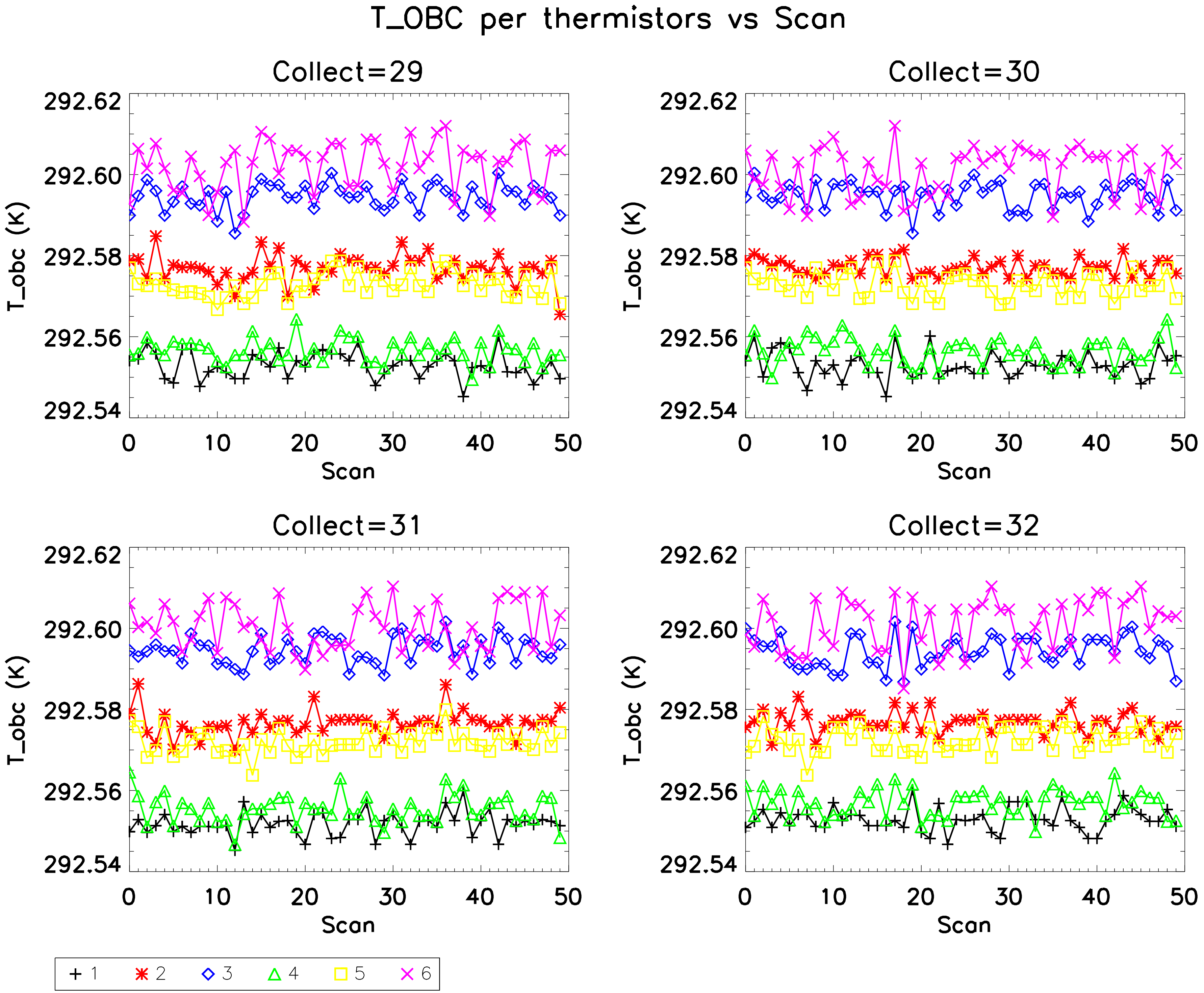
Collect=21

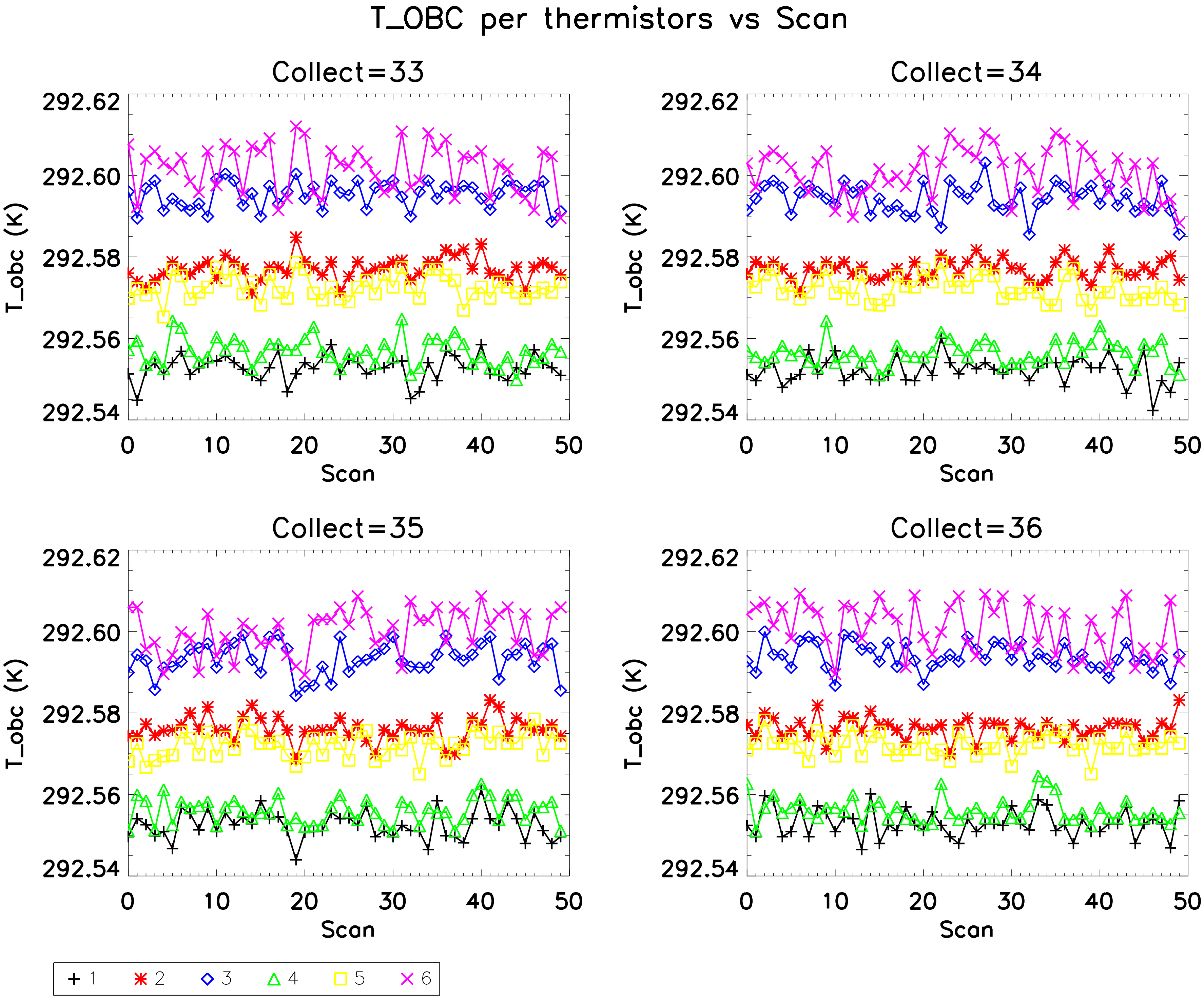
Collect=22

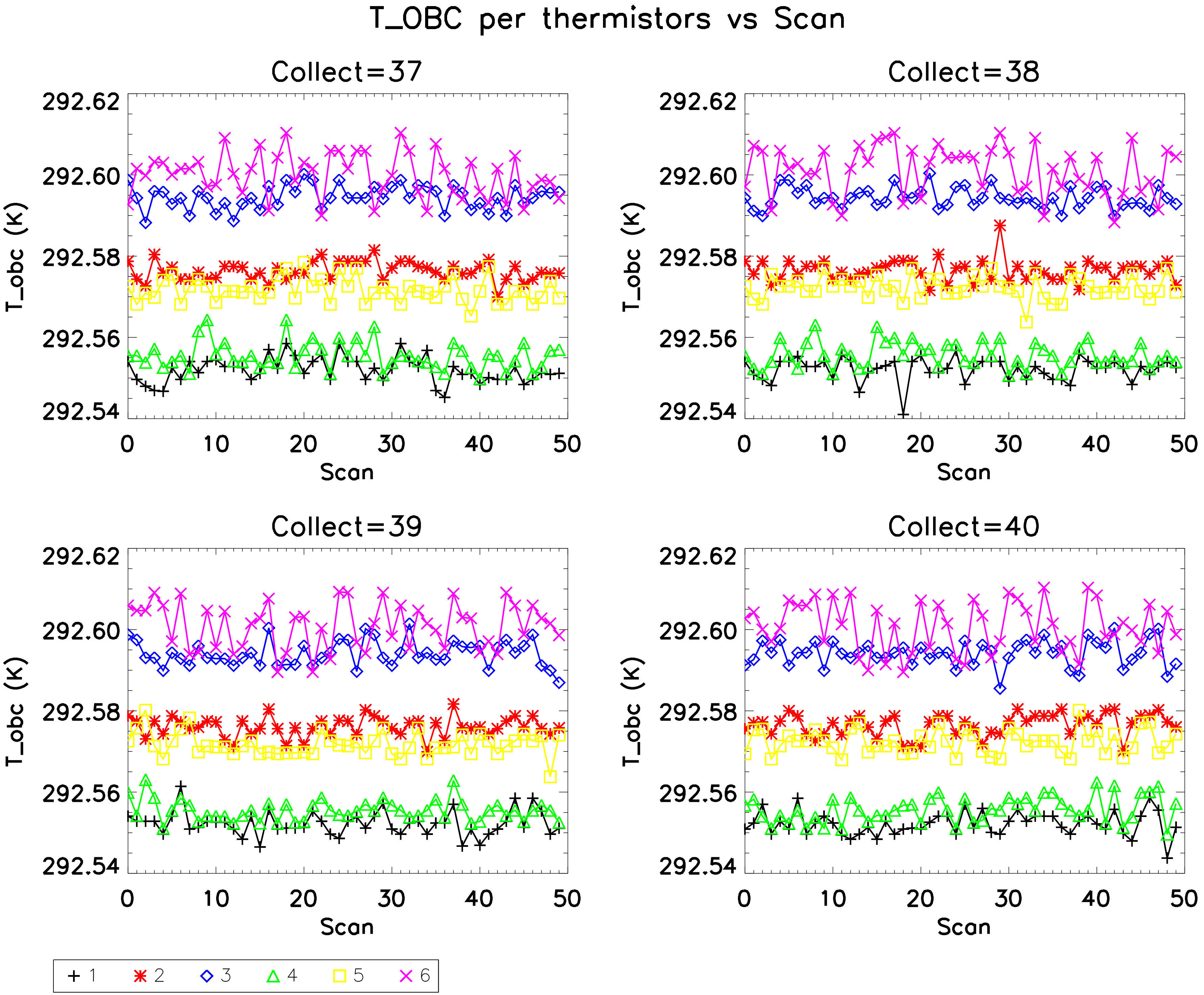
Collect=23

Collect=24

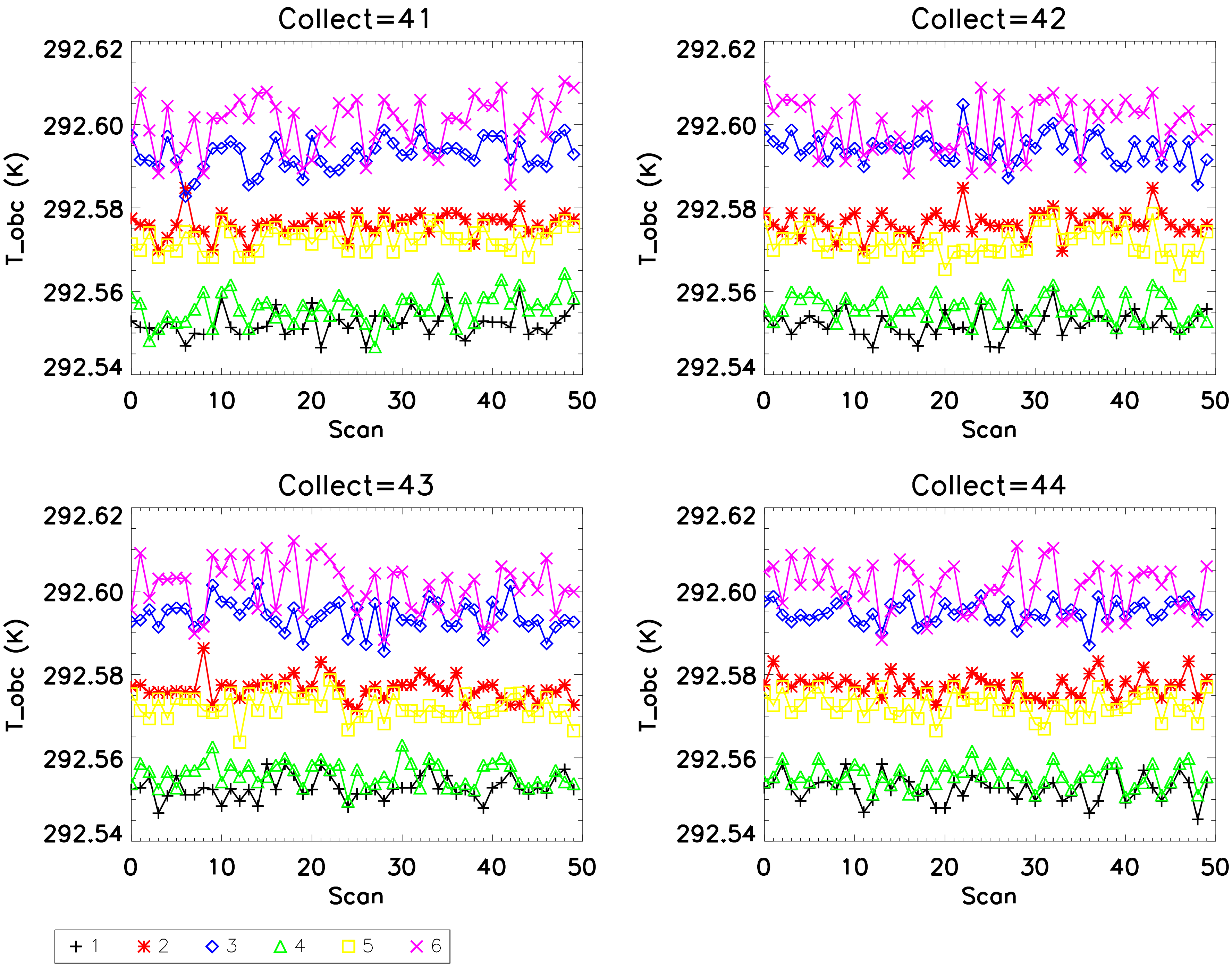

T_OBC per thermistors vs Scan
Collect=25
Collect=26
Collect=27
Collect=28
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=29
Collect=30
Collect=31
Collect=32
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=33
Collect=34
Collect=35
Collect=36
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=37
Collect=38
Collect=39
Collect=40
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

T_OBC per thermistors vs Scan

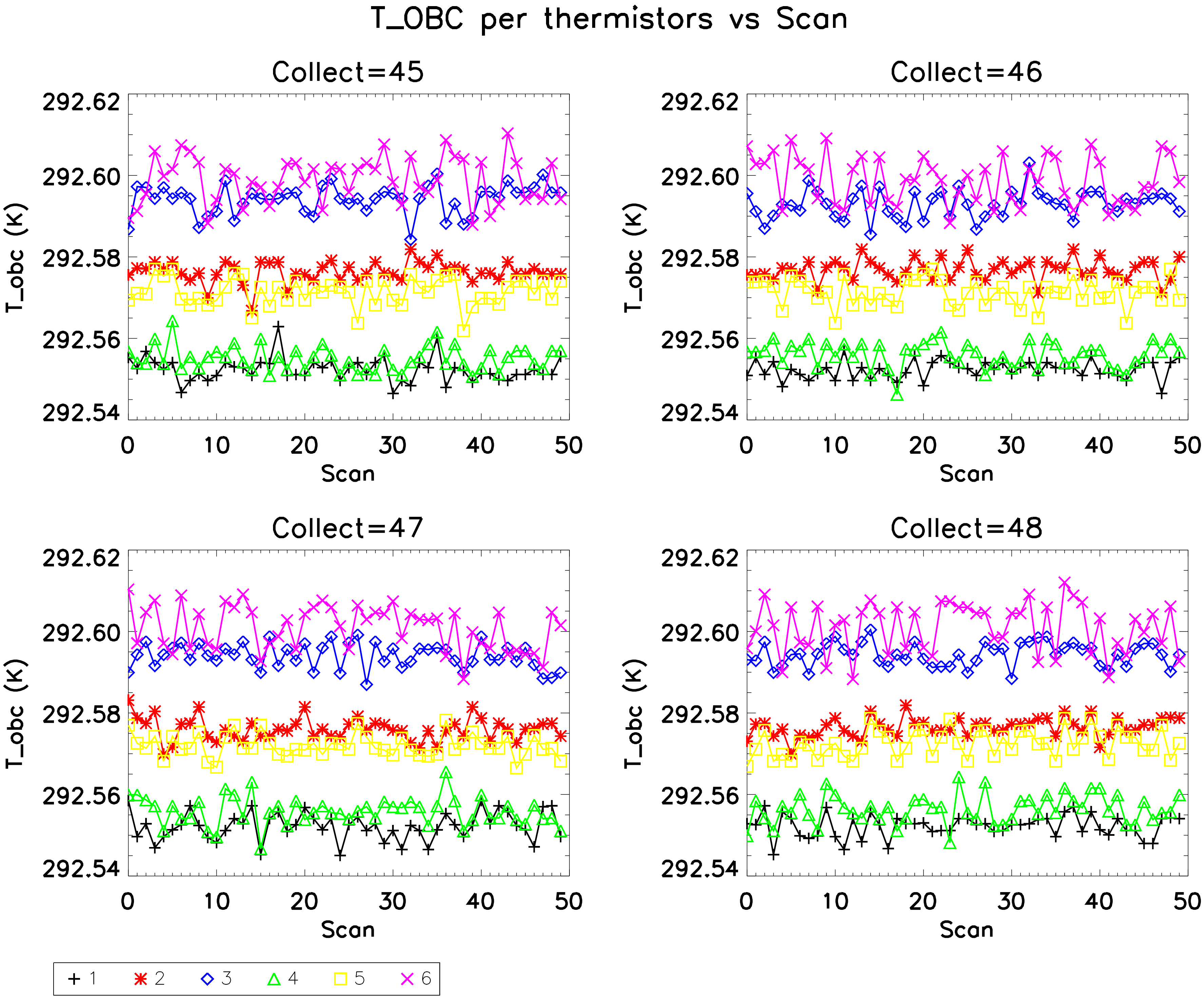


Collect=41

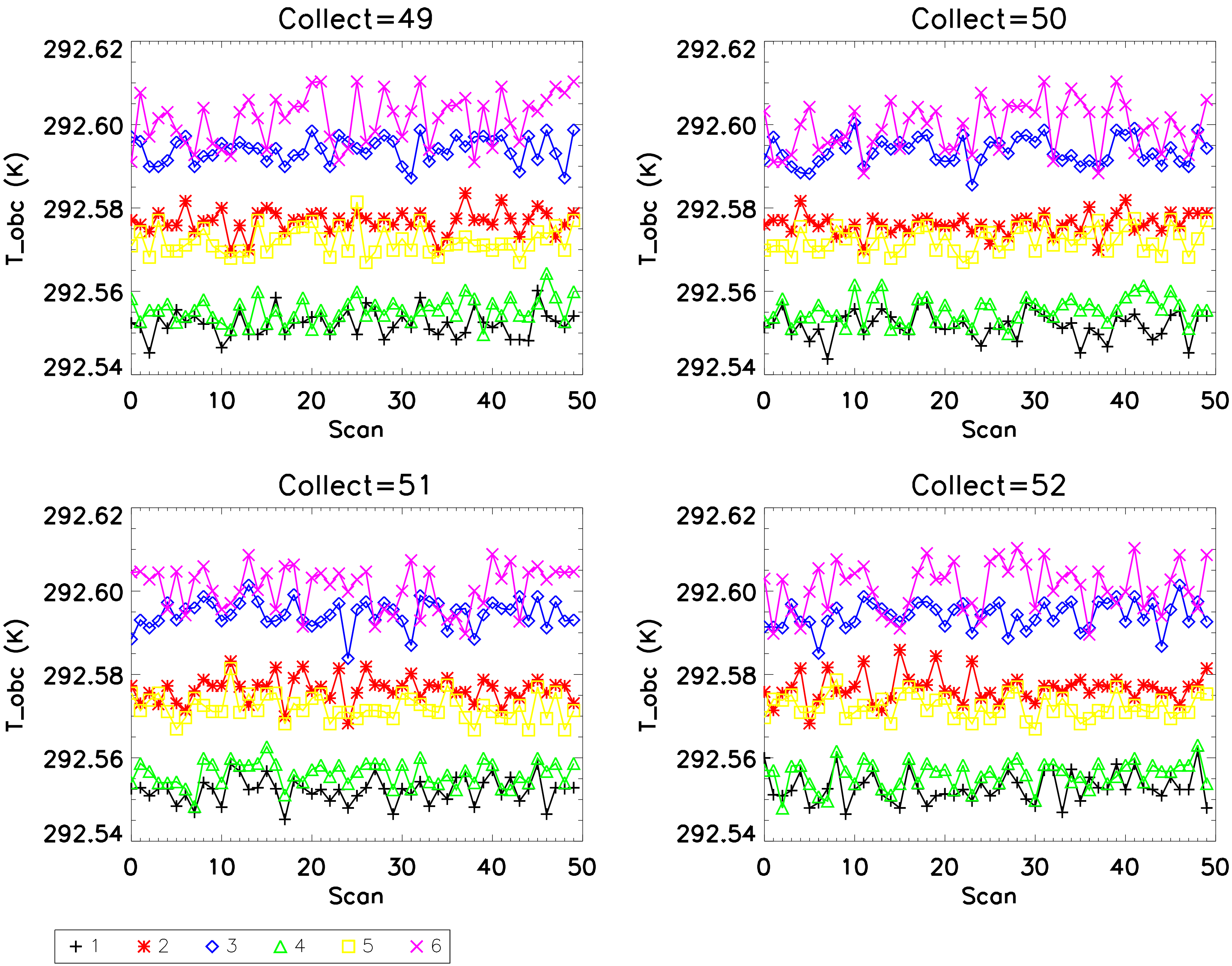
Collect=42

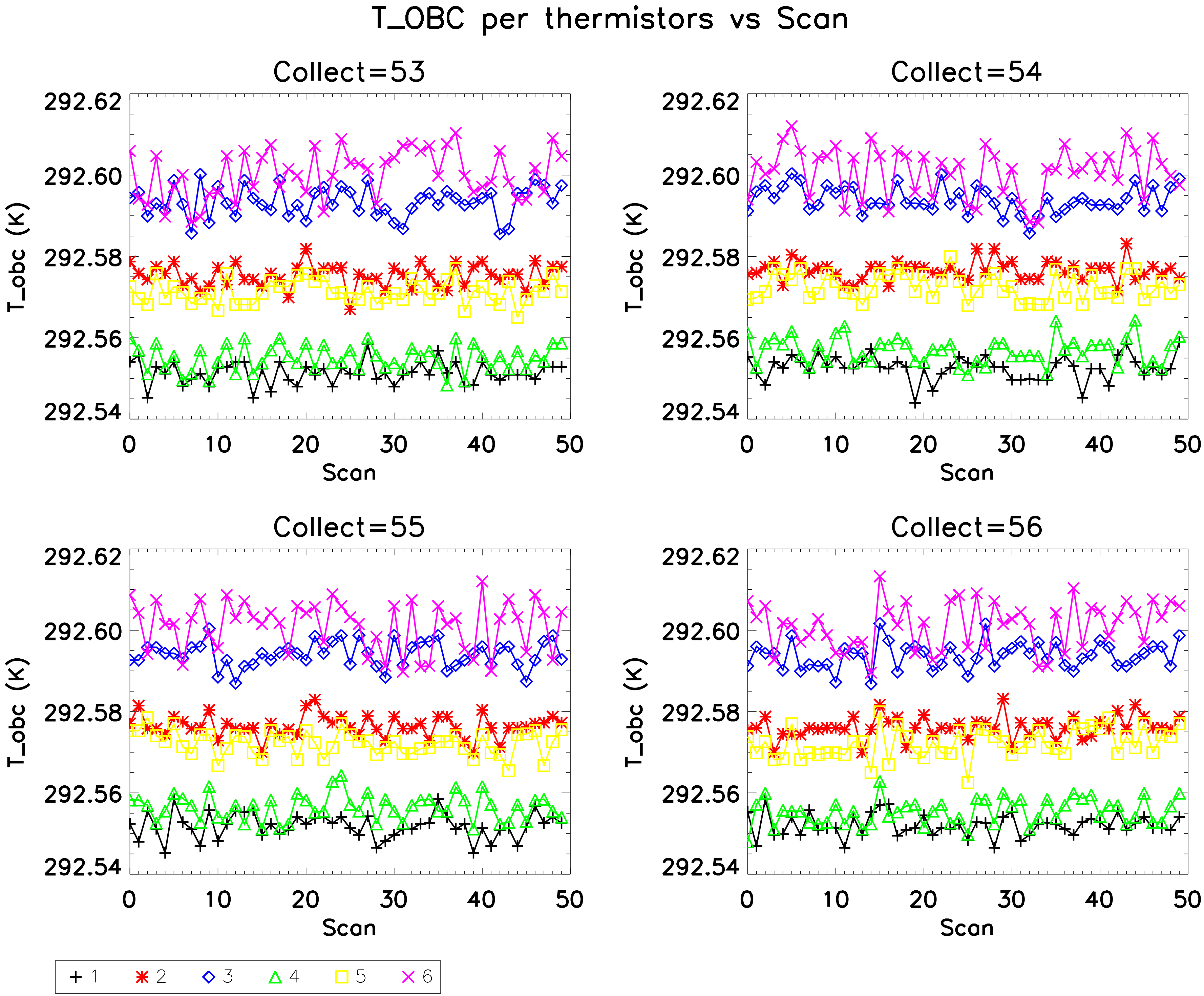
Collect=43

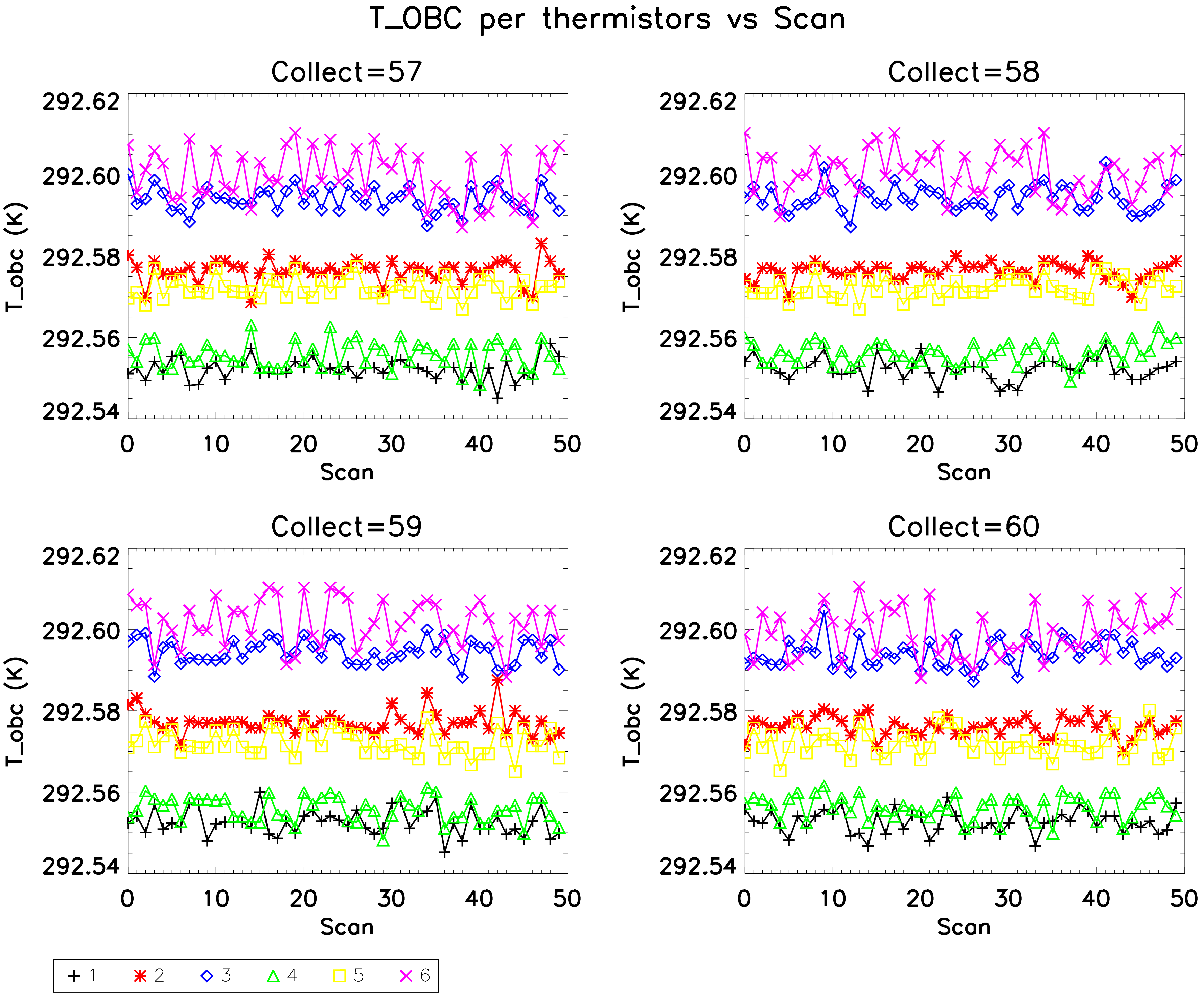
Collect=44

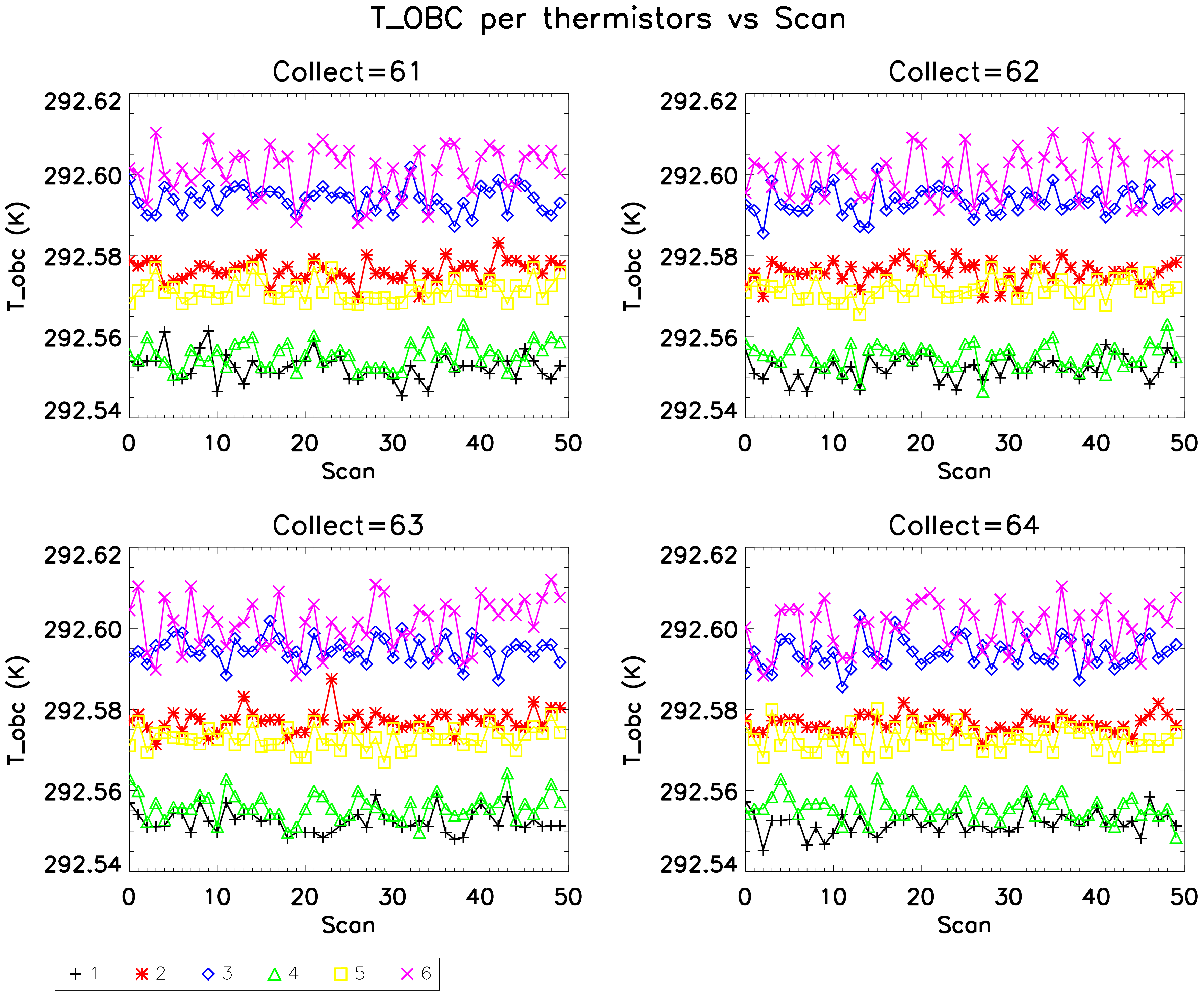

T_OBC per thermistors vs Scan
Collect=45
Collect=46
Collect=47
Collect=48
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

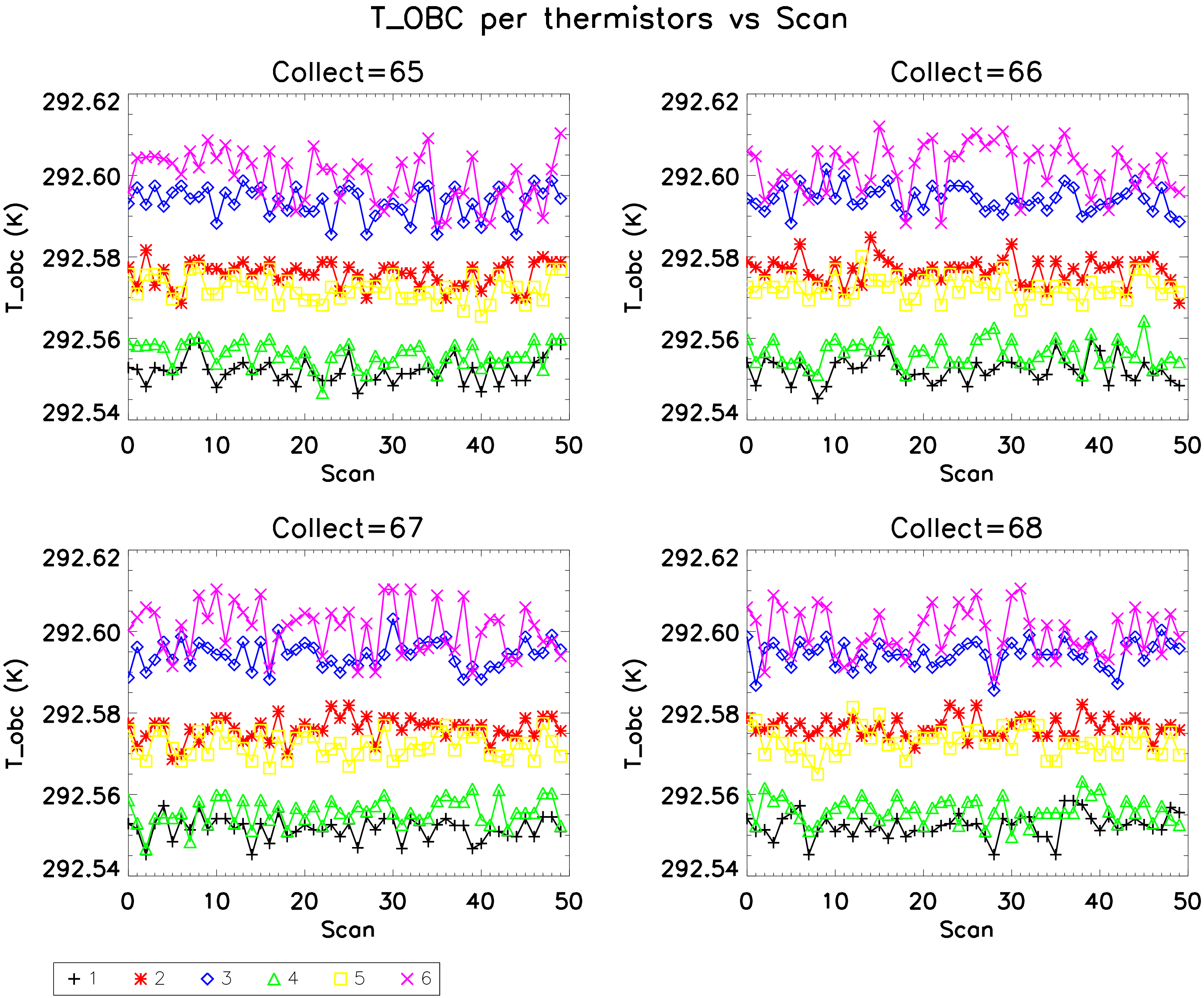
T_OBC per thermistors vs Scan

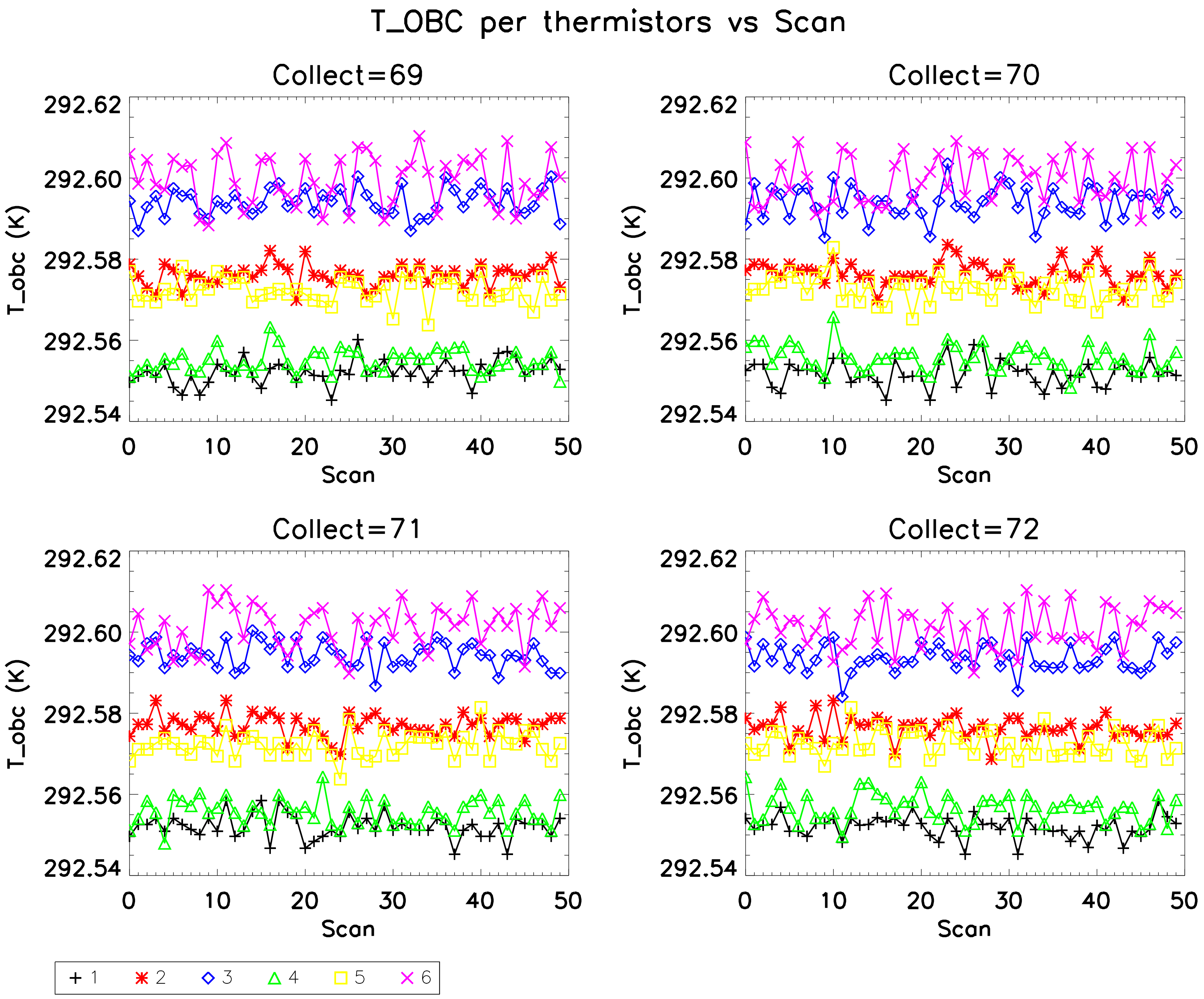


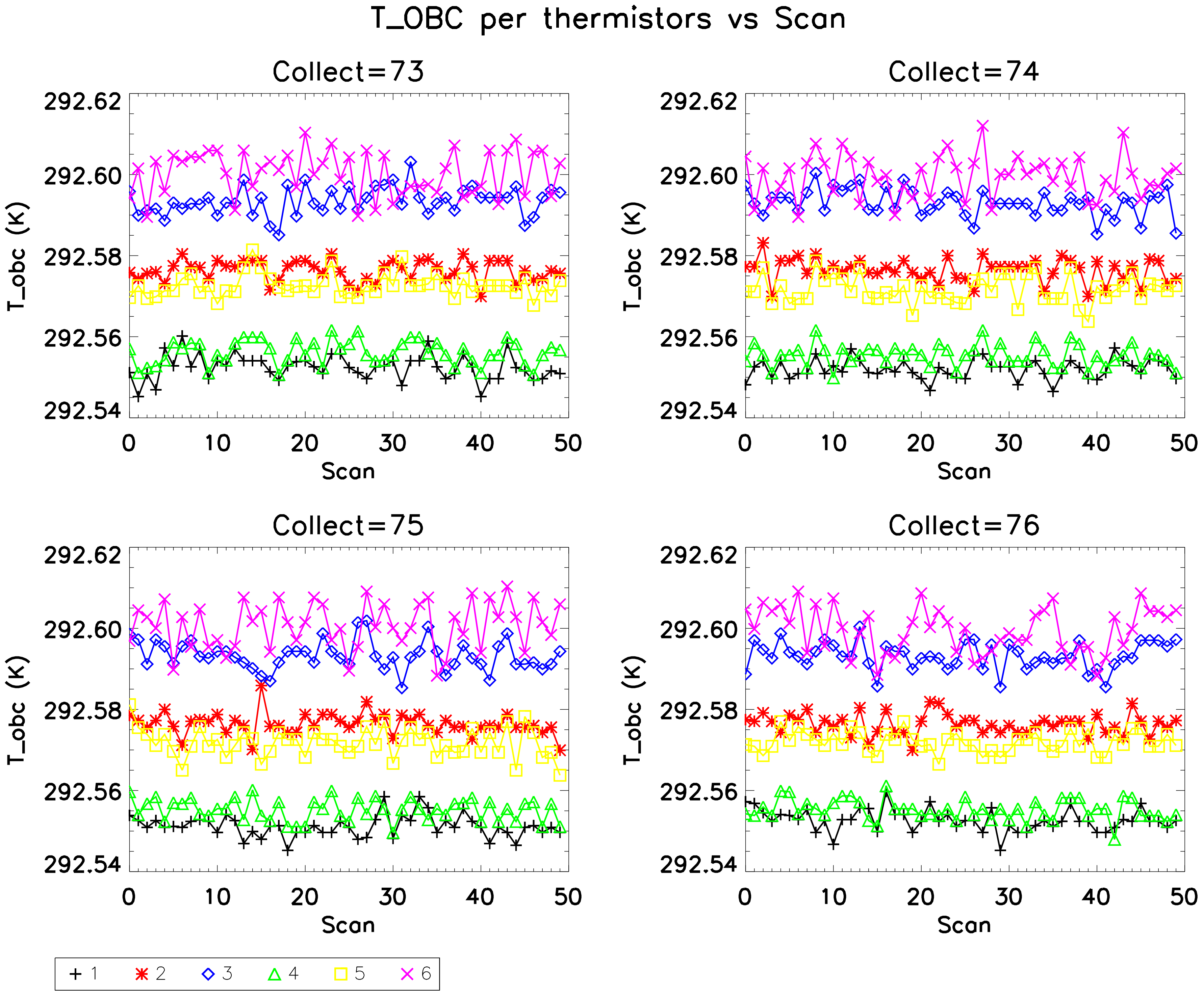

T_OBC per thermistors vs Scan
Collect=53
Collect=54
Collect=55
Collect=56
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=57
Collect=58
Collect=59
Collect=60
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

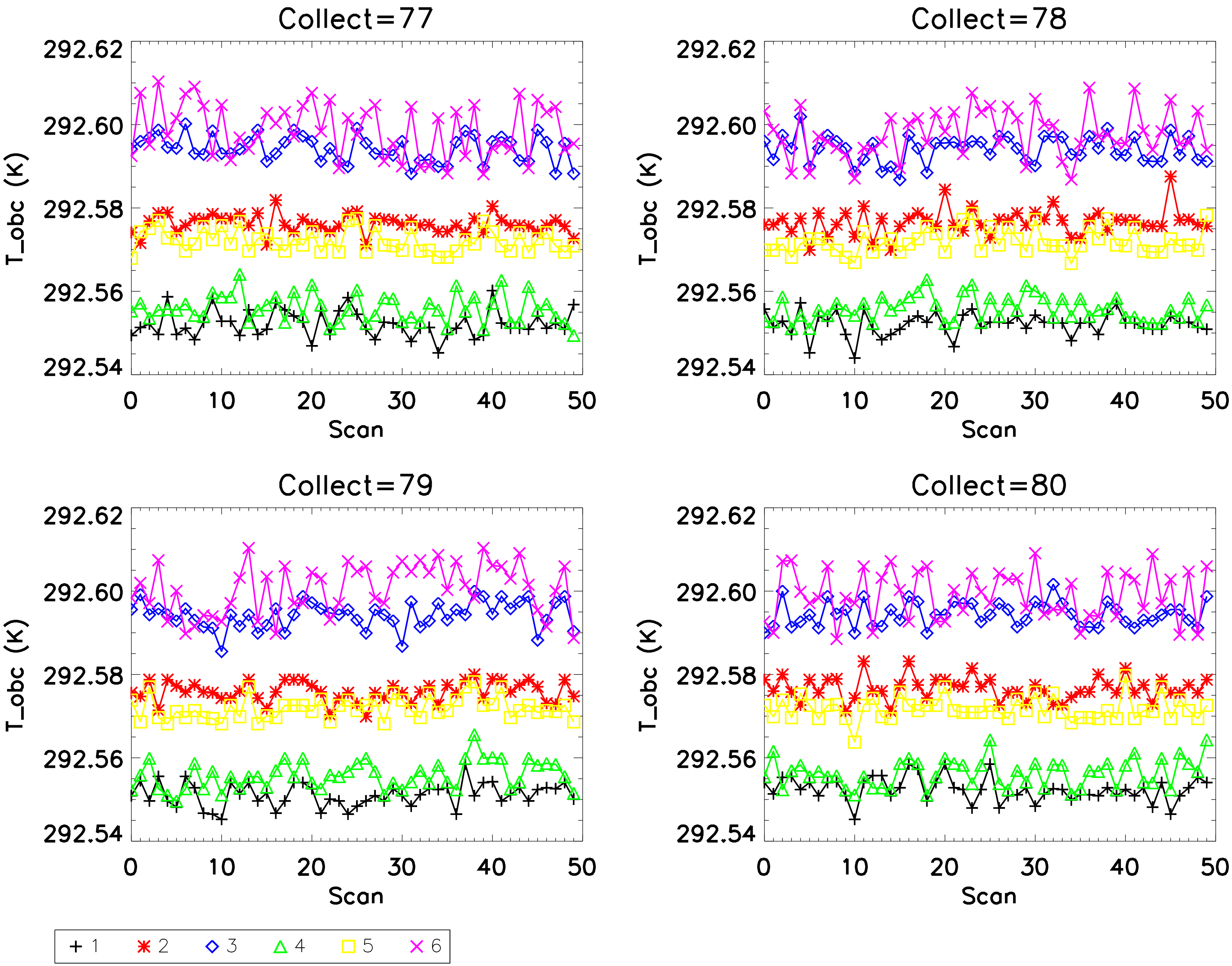

T_OBC per thermistors vs Scan
Collect=61
Collect=62
Collect=63
Collect=64
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=65
Collect=66
Collect=67
Collect=68
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

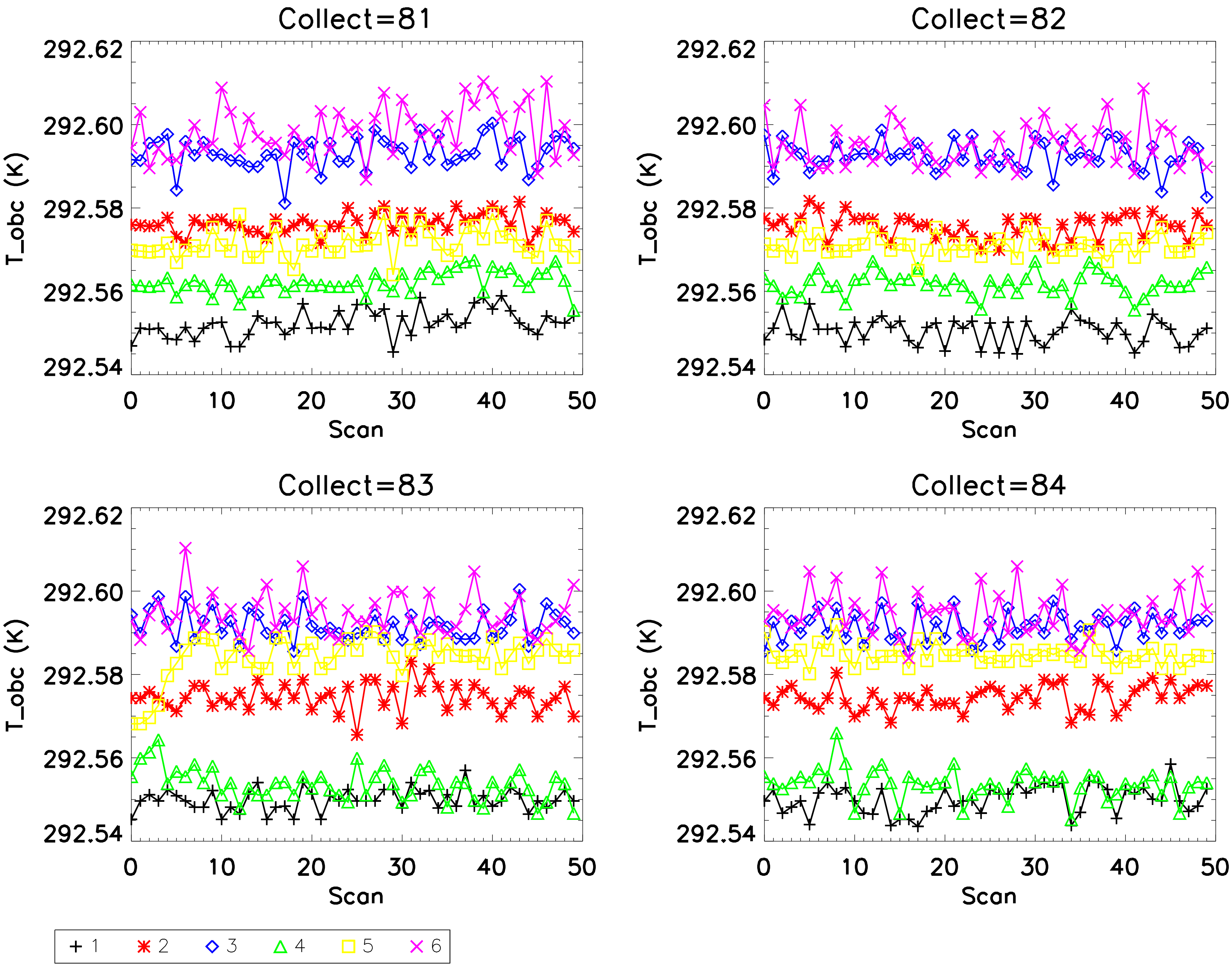

T_OBC per thermistors vs Scan
Collect=69
Collect=70
Collect=71
Collect=72
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

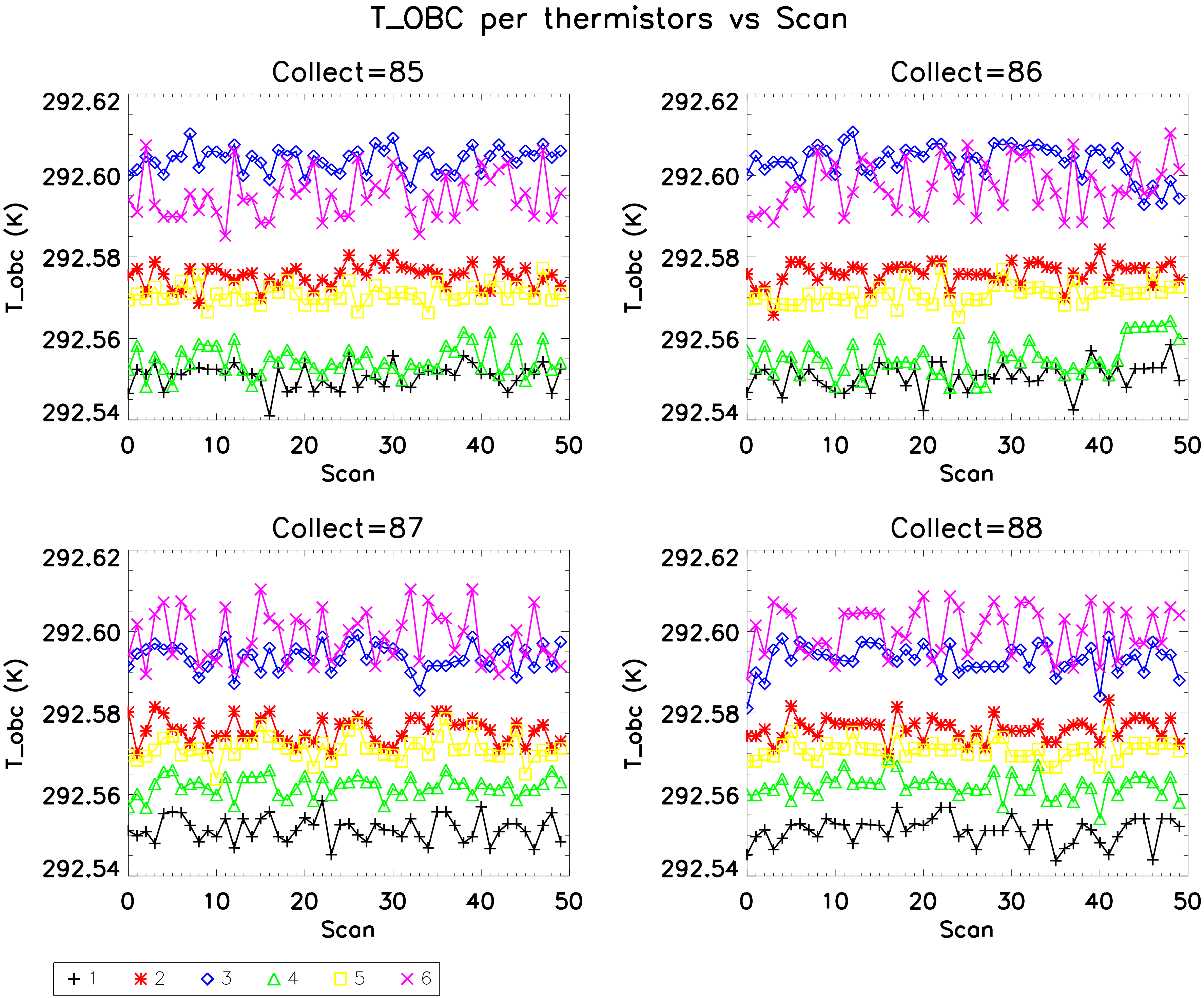

T_OBC per thermistors vs Scan
Collect=73
Collect=74
Collect=75
Collect=76
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

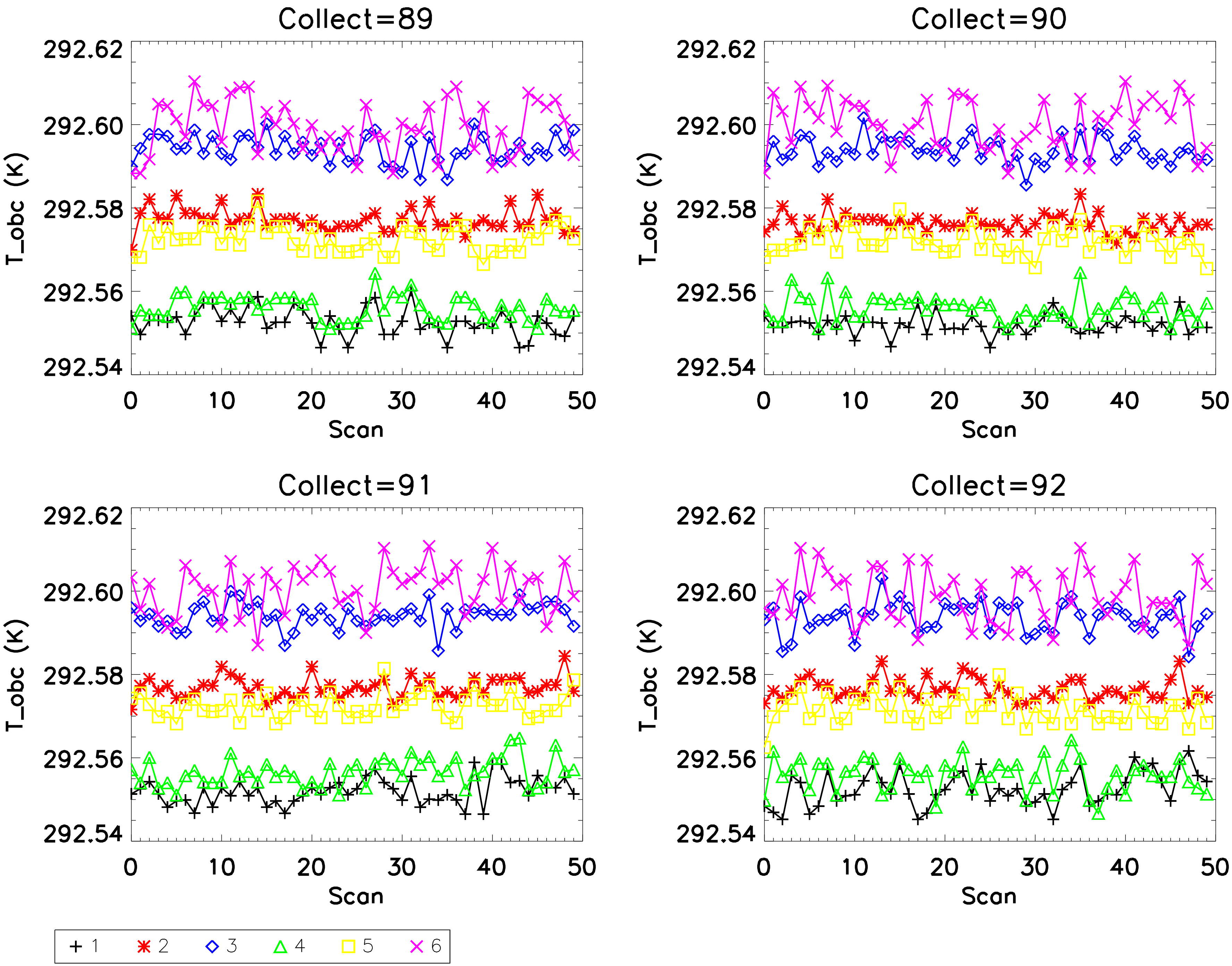
T_OBC per thermistors vs Scan

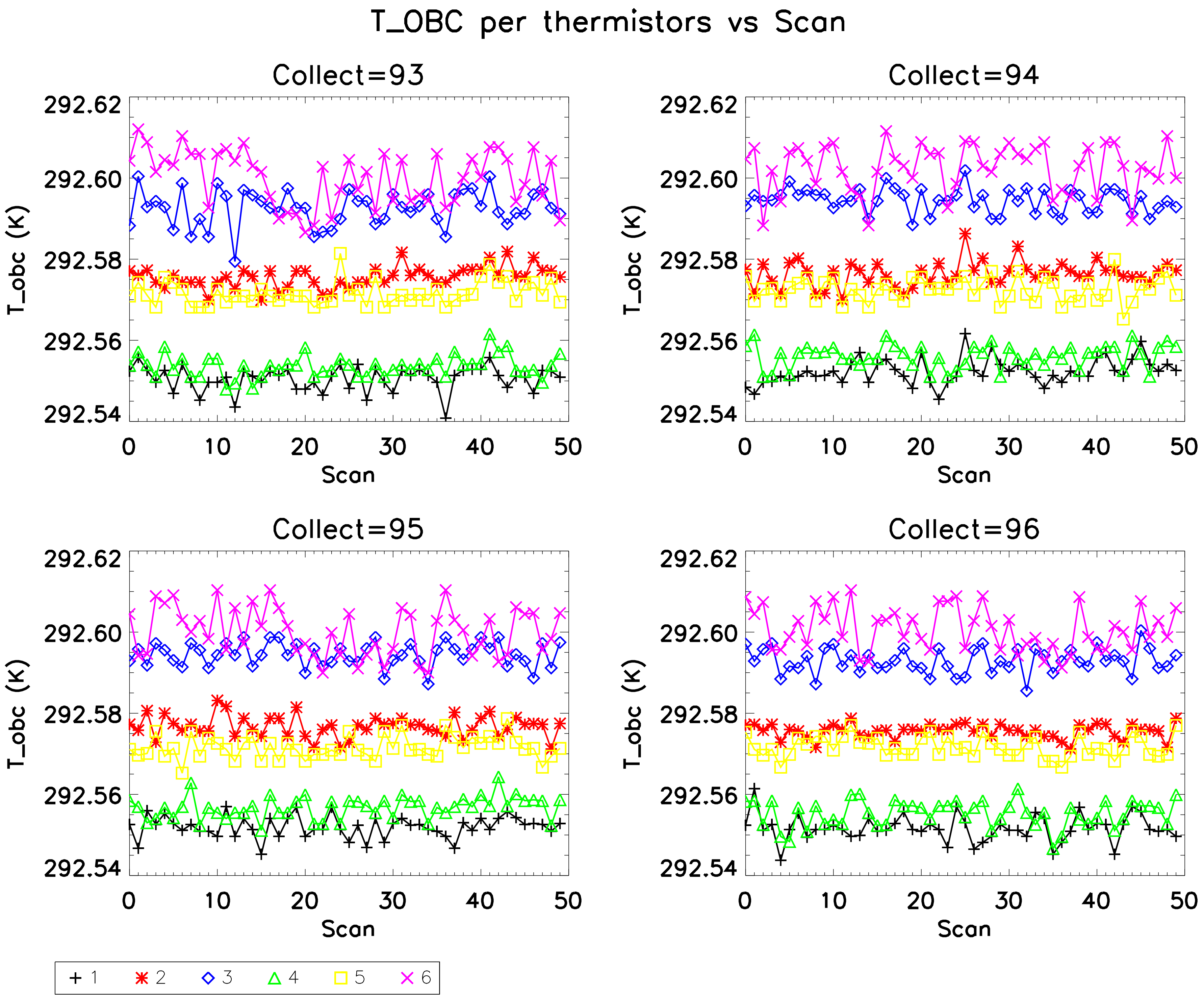


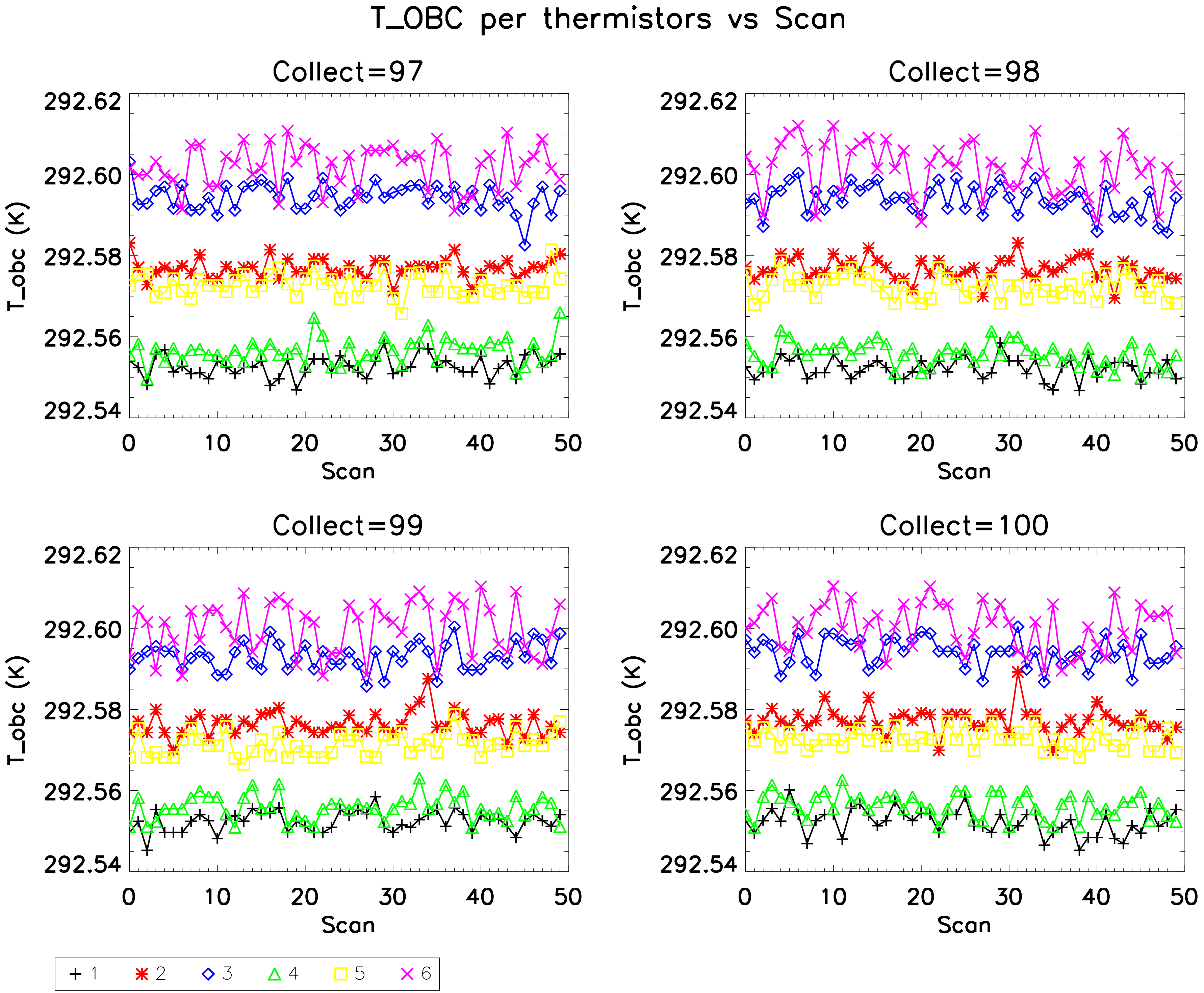
T_OBC per thermistors vs Scan

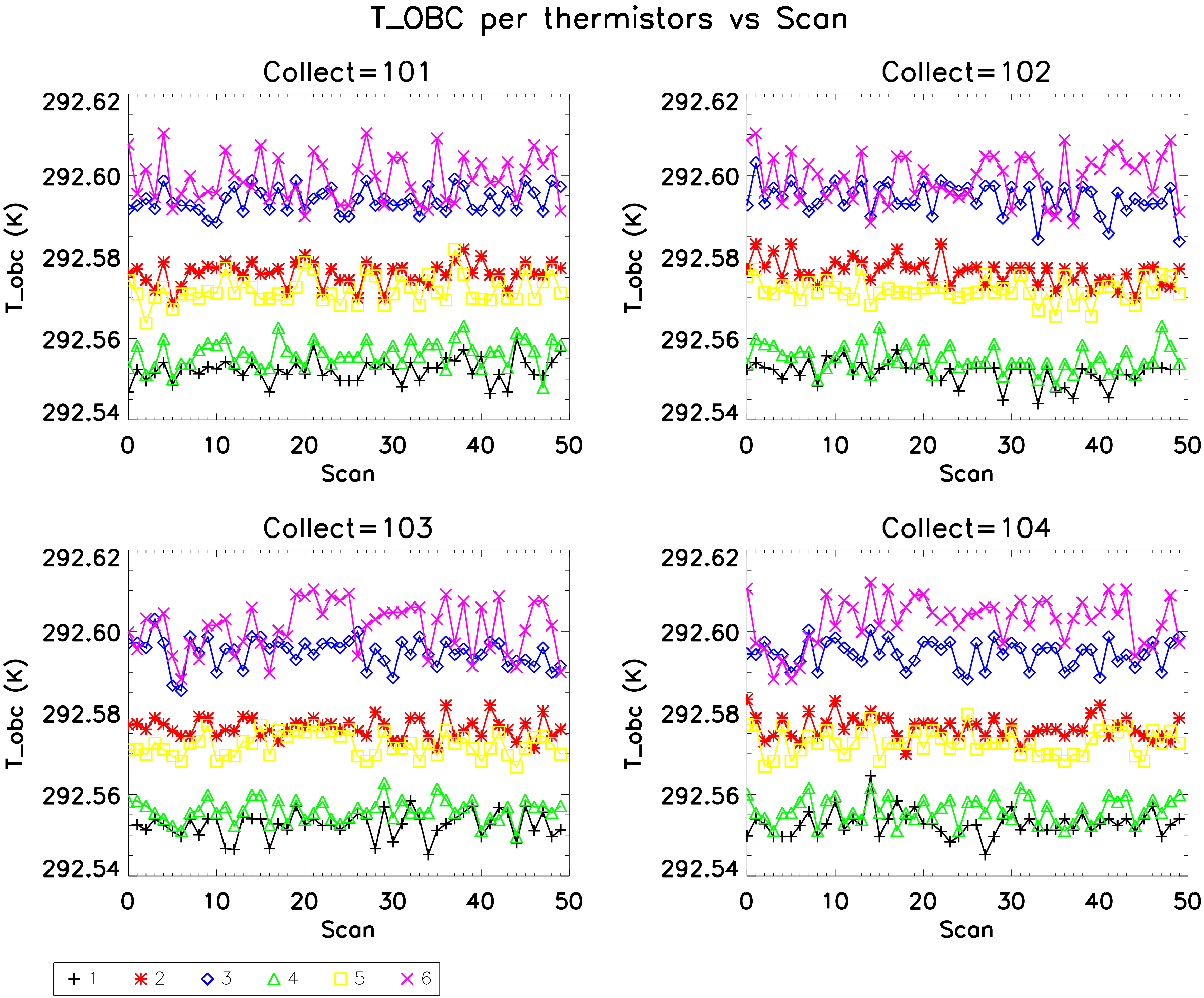


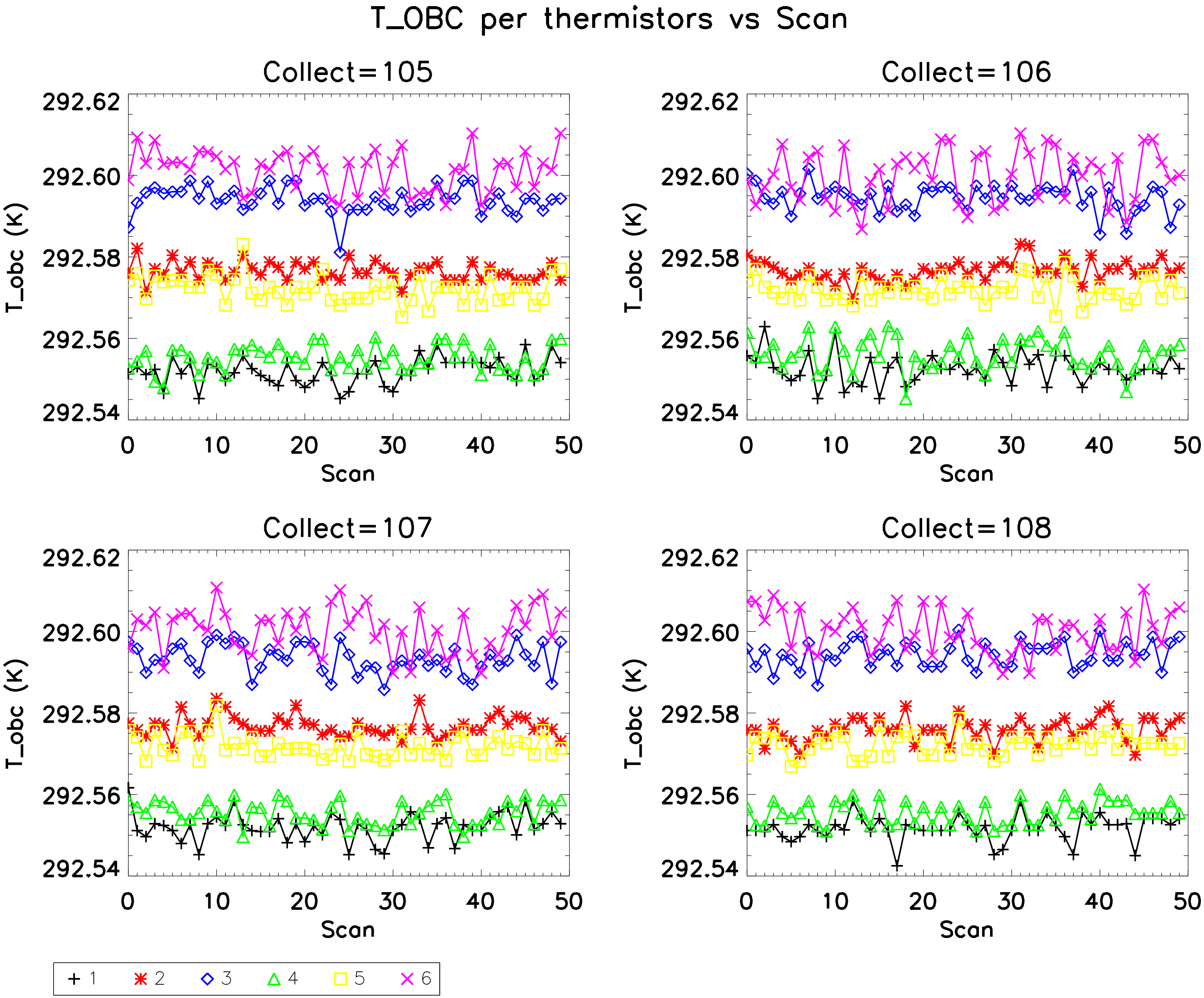

T_OBC per thermistors vs Scan
Collect=85
Collect=86
Collect=87
Collect=88
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6

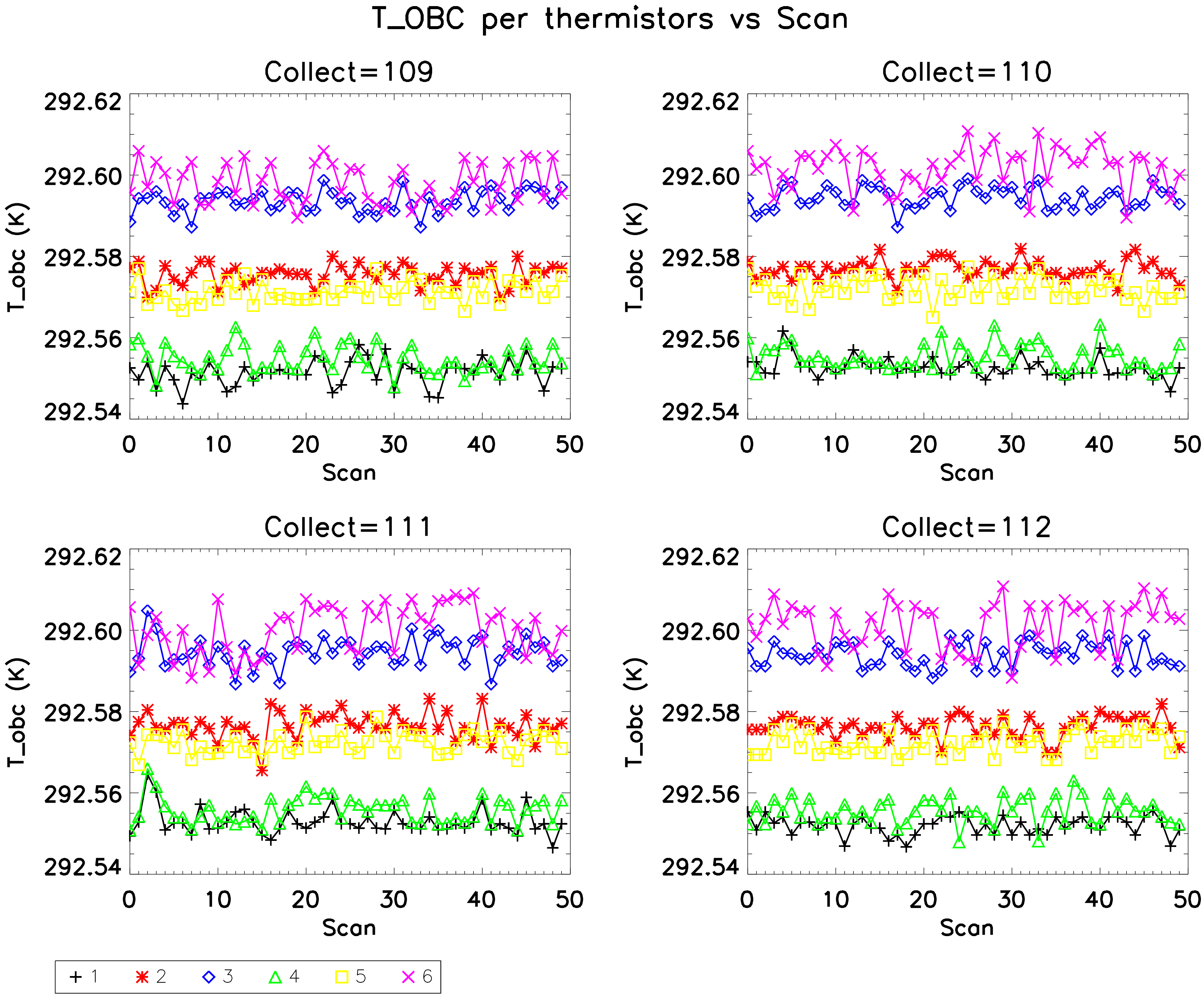

T_OBC per thermistors vs Scan

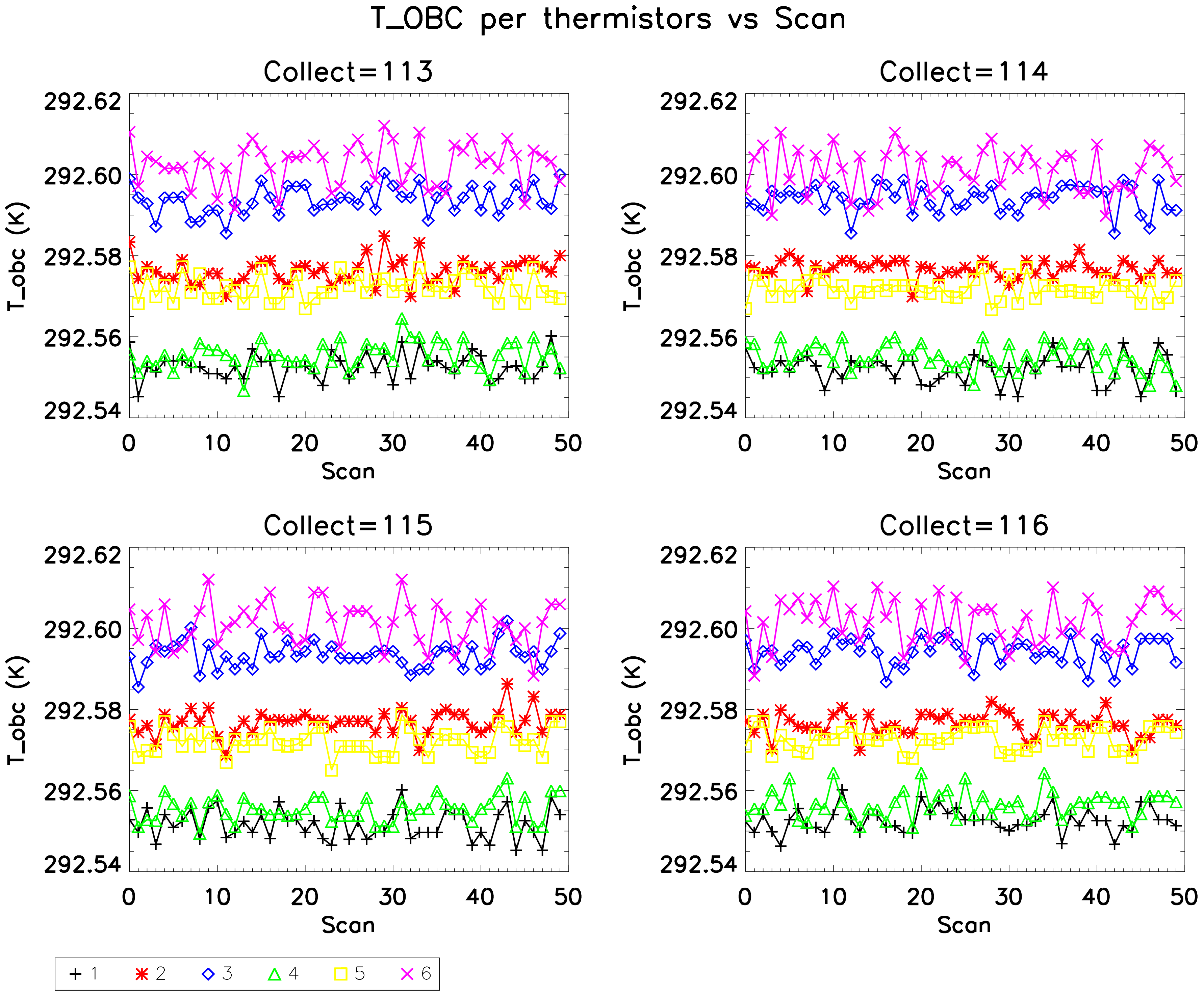

T_OBC per thermistors vs Scan
Collect=93
Collect=94
Collect=95
Collect=96
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

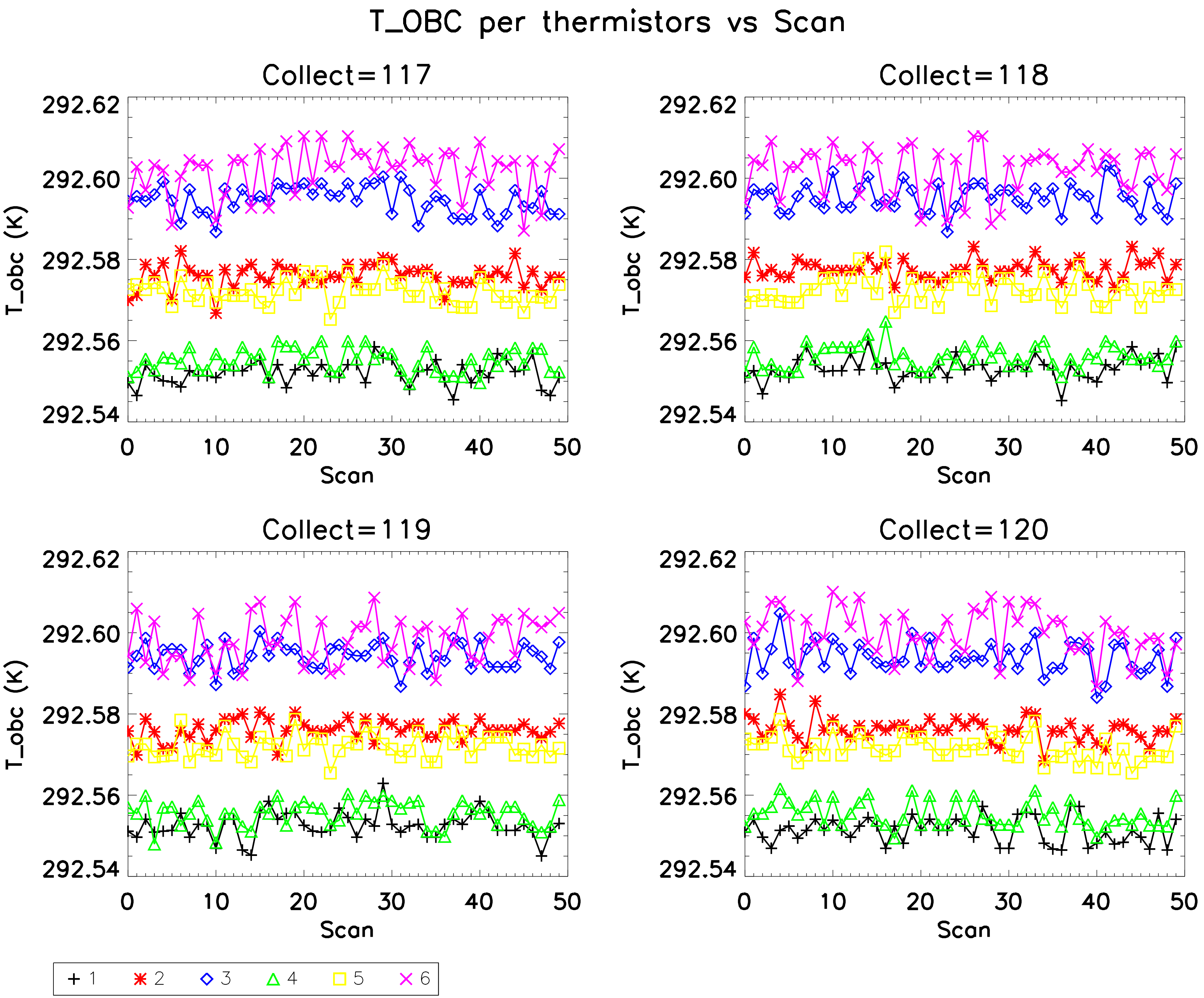

T_OBC per thermistors vs Scan
Collect=97
Collect=98
Collect=99
Collect=100
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

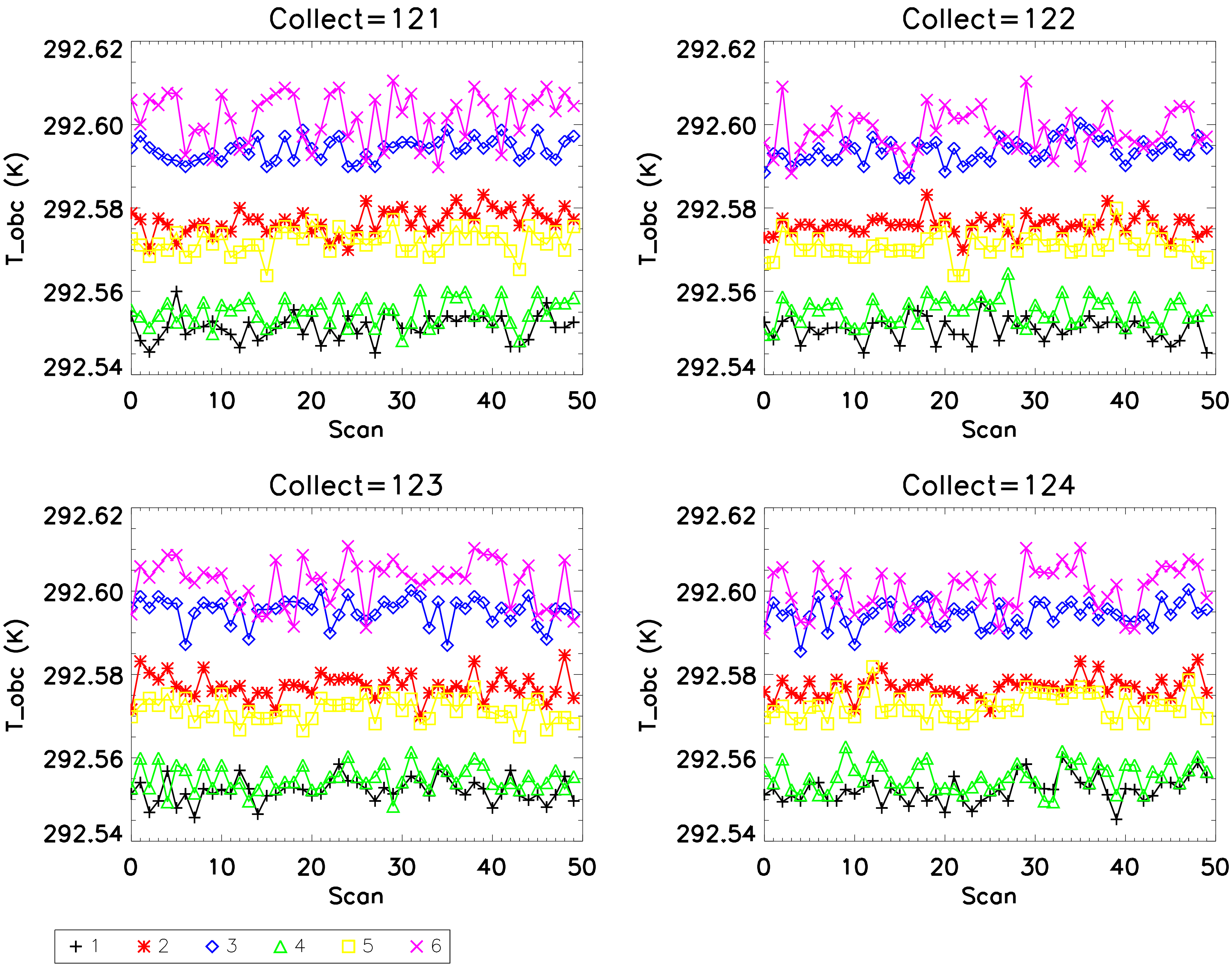

T_OBC per thermistors vs Scan
Collect=101
Collect=102
Collect=103
Collect=104
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

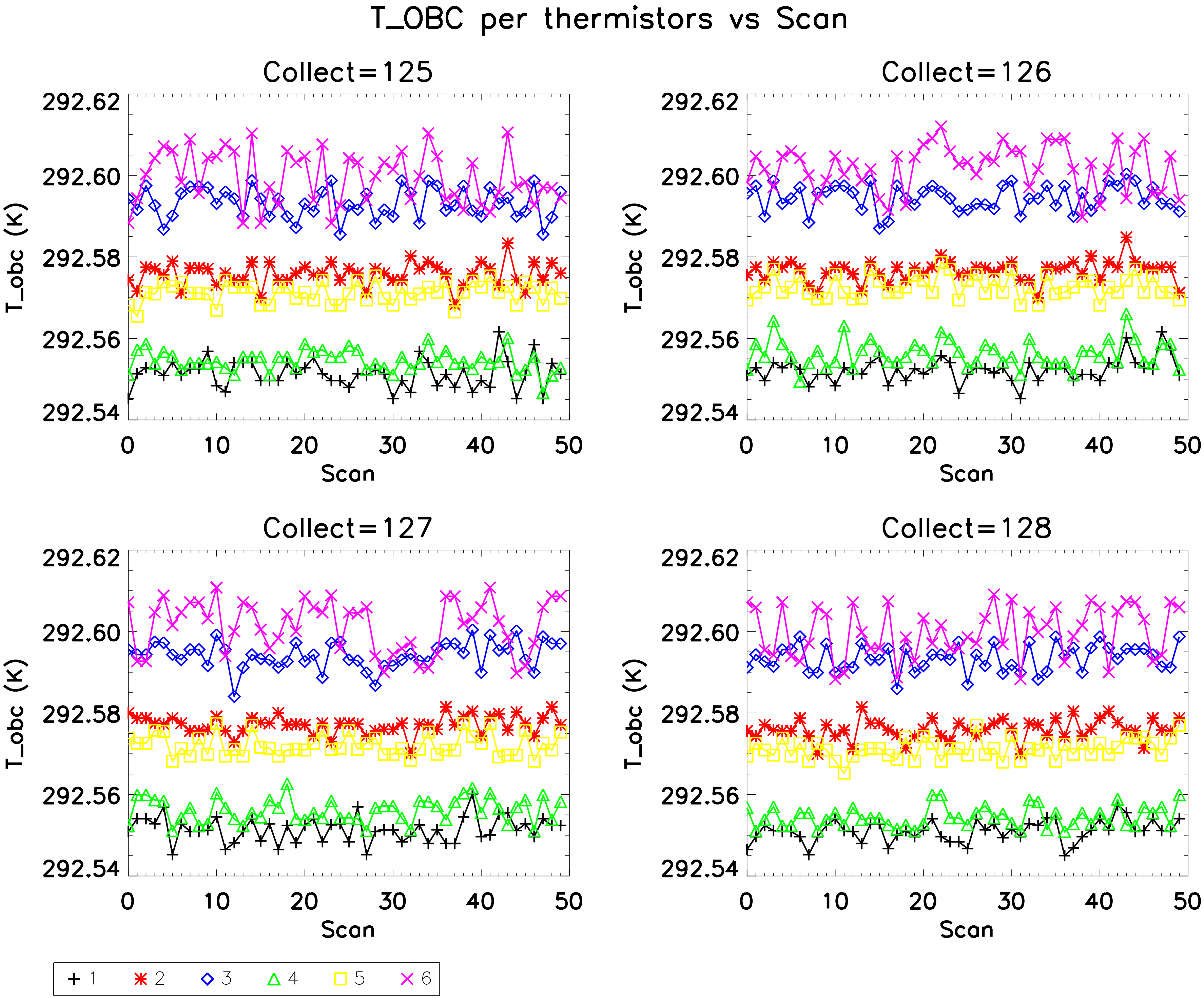

T_OBC per thermistors vs Scan
Collect=105
Collect=106
Collect=107
Collect=108
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

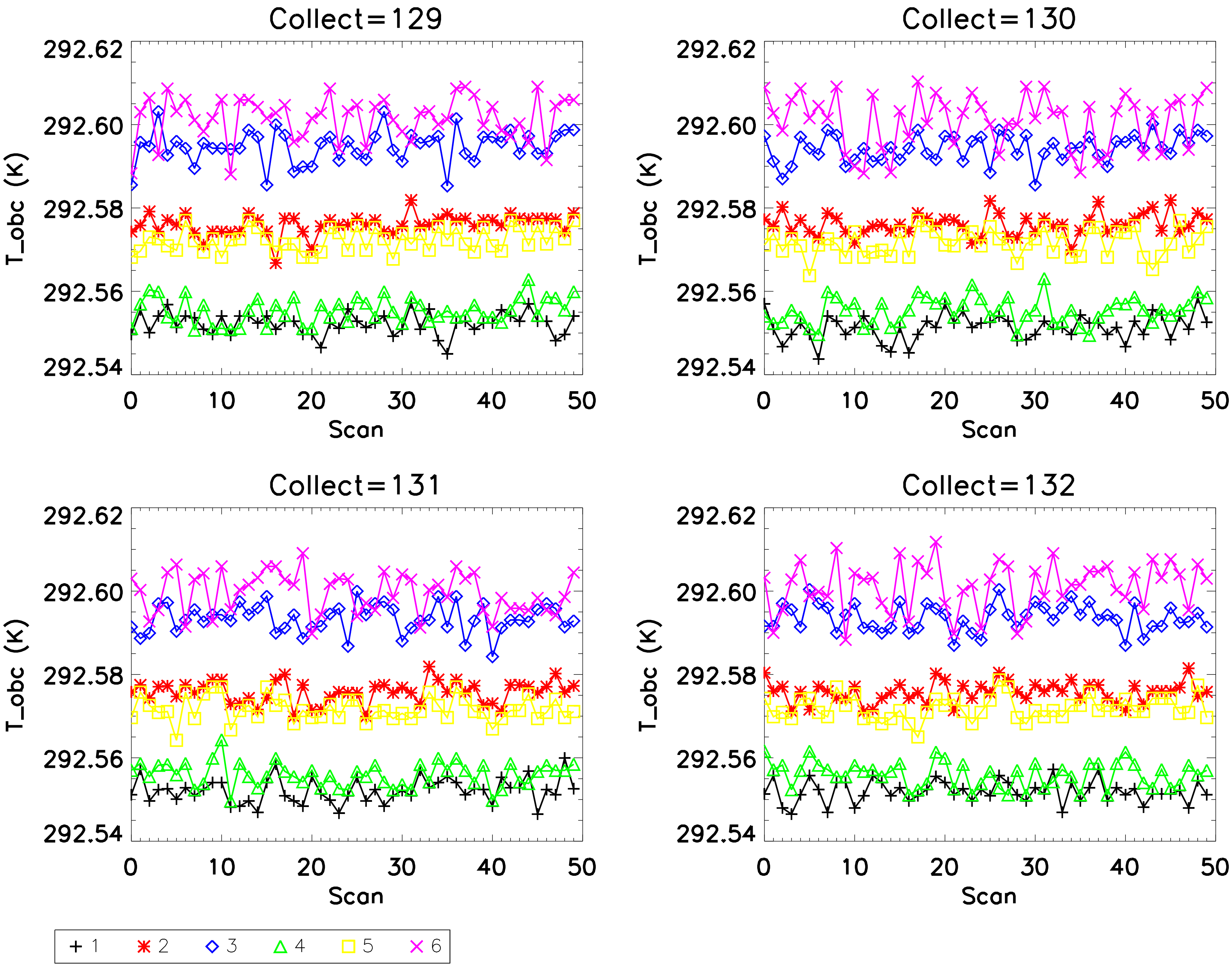

T_OBC per thermistors vs Scan
Collect=109
Collect=110
Collect=111
Collect=112
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6


T_OBC per thermistors vs Scan
Collect=113
Collect=114
Collect=115
Collect=116
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

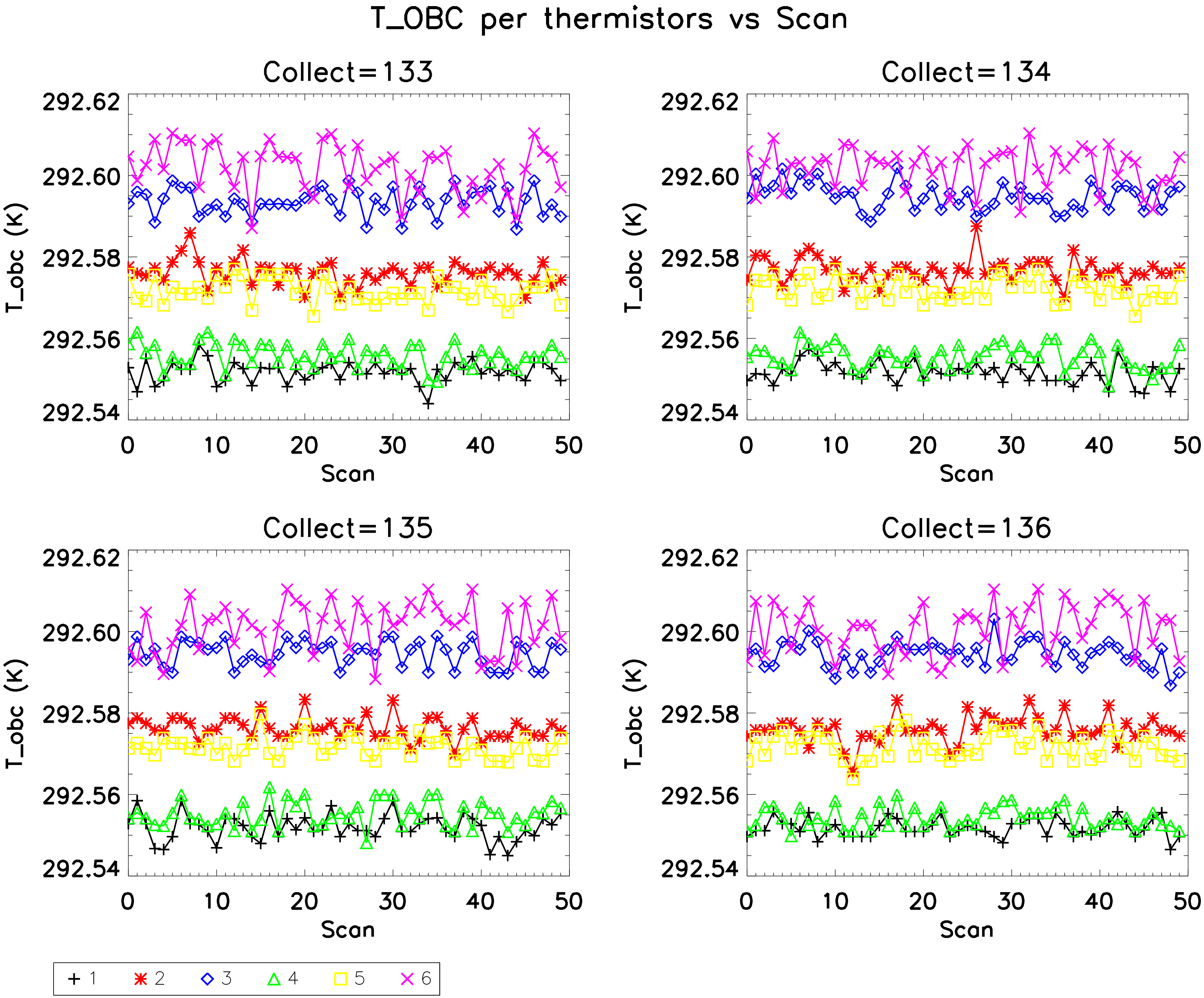

T_OBC per thermistors vs Scan
Collect=117
Collect=118
Collect=119
Collect=120
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

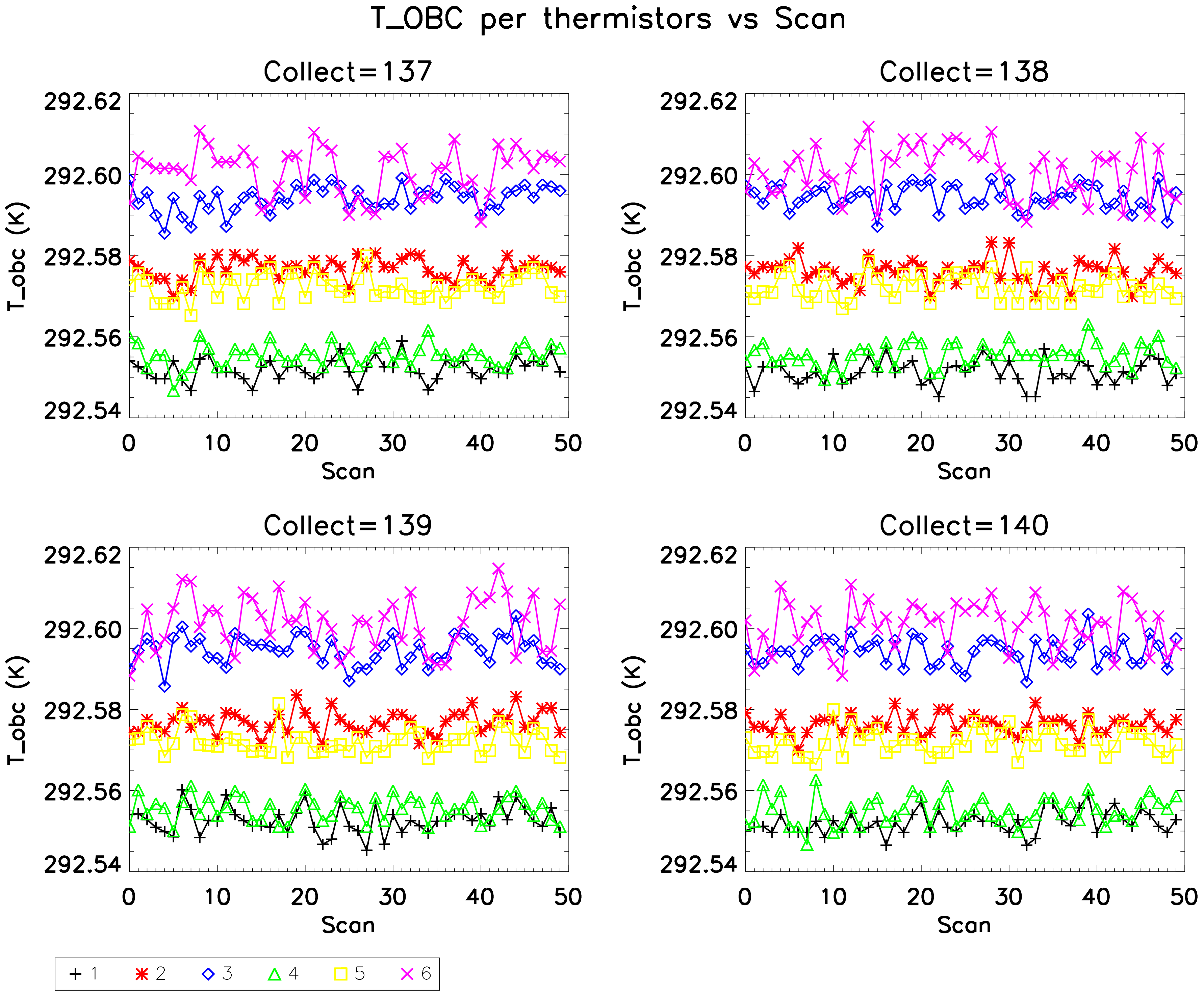

T_OBC per thermistors vs Scan

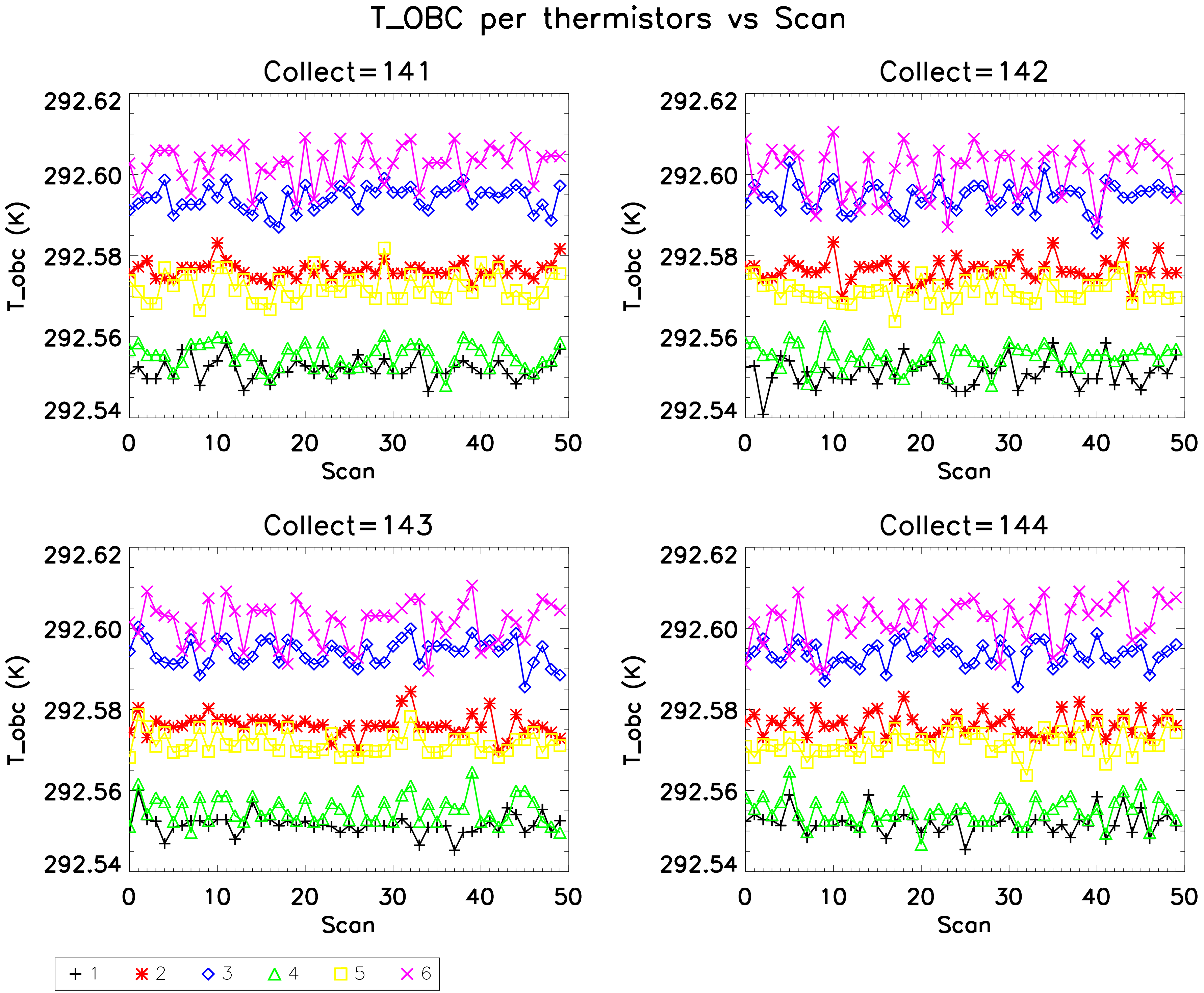

T_OBC per thermistors vs Scan
Collect=125
Collect=126
Collect=127
Collect=128
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

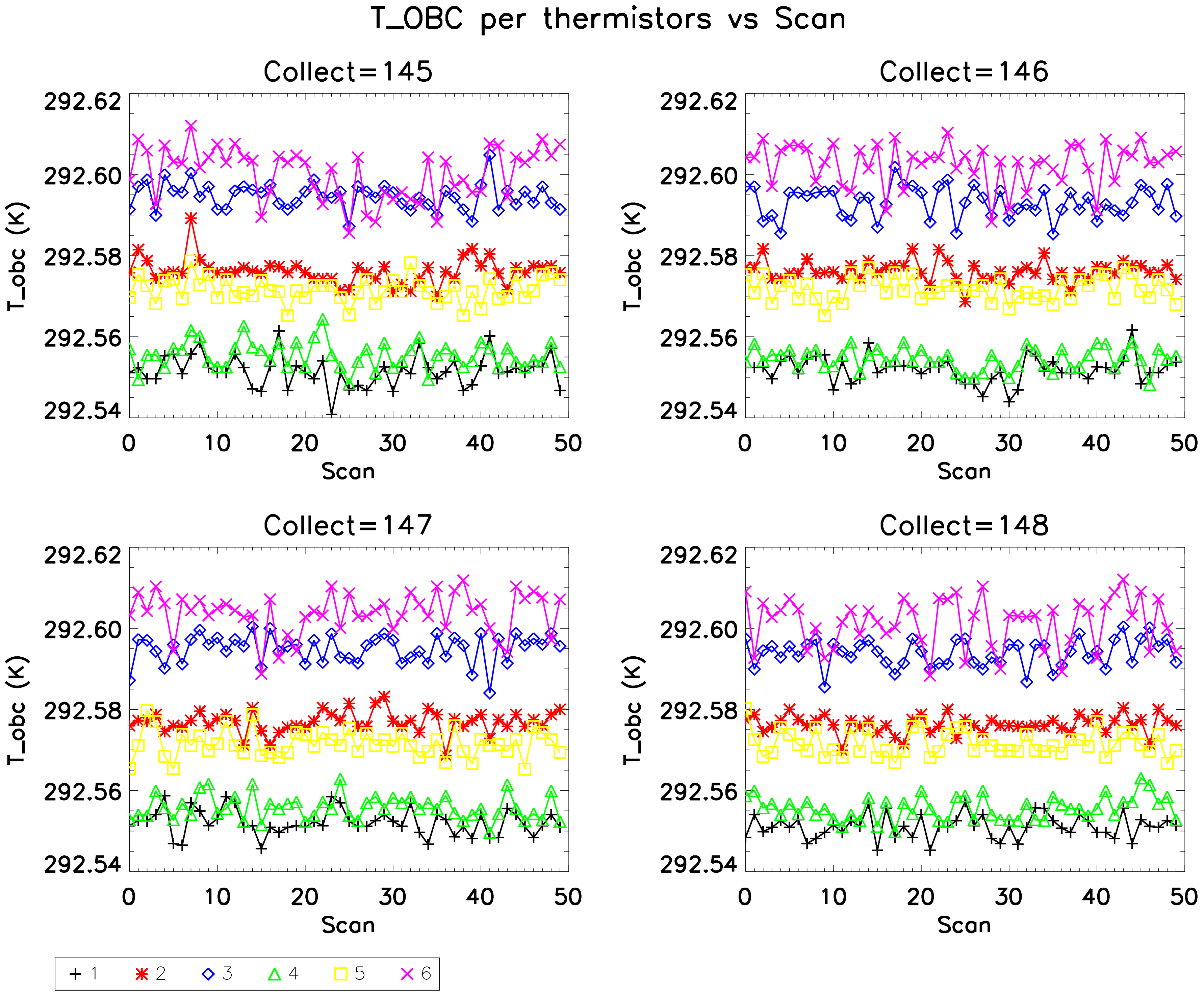


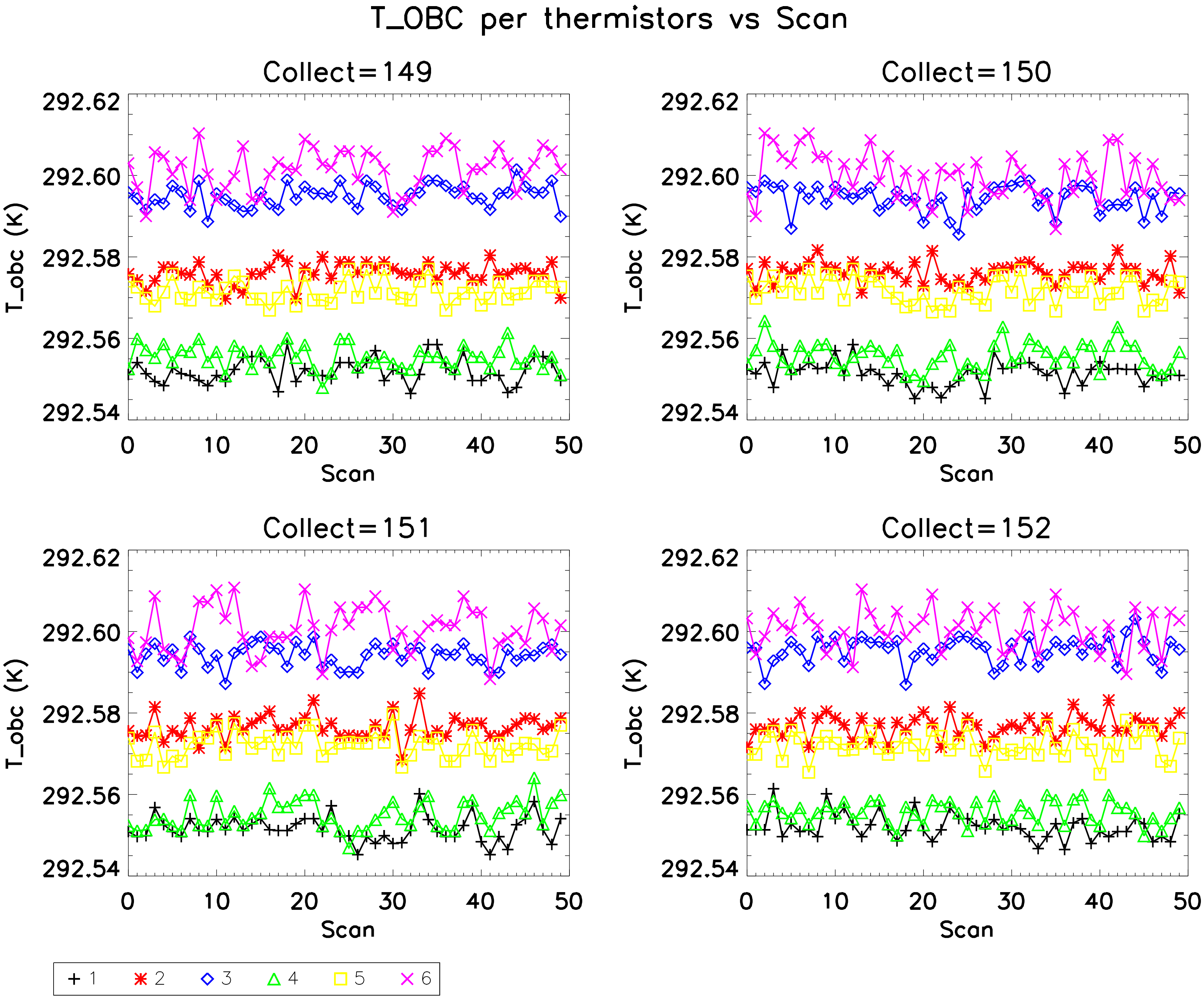
T_OBC per thermistors vs Scan

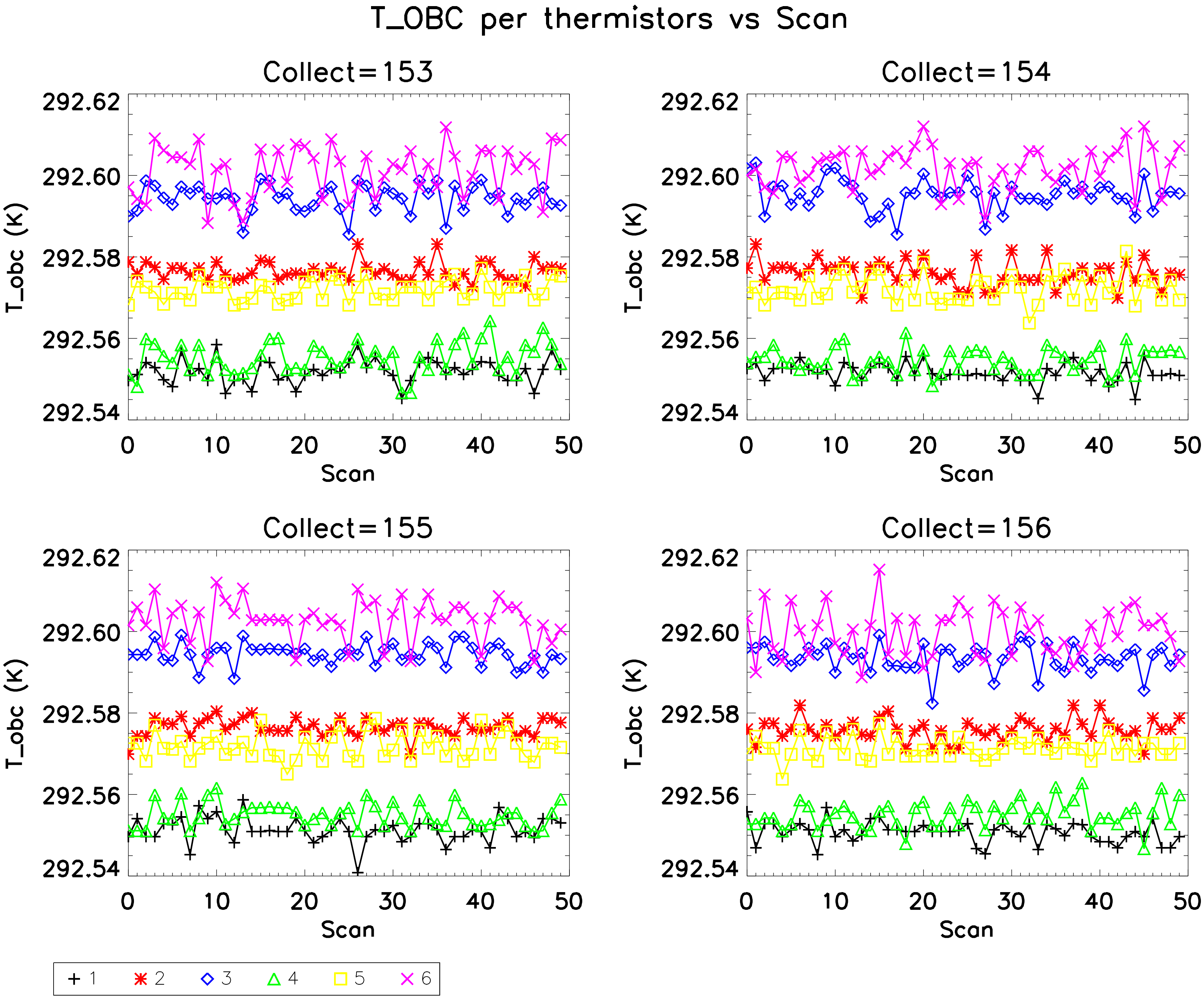

T_OBC per thermistors vs Scan
Collect=133
Collect=134
Collect=135
Collect=136
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

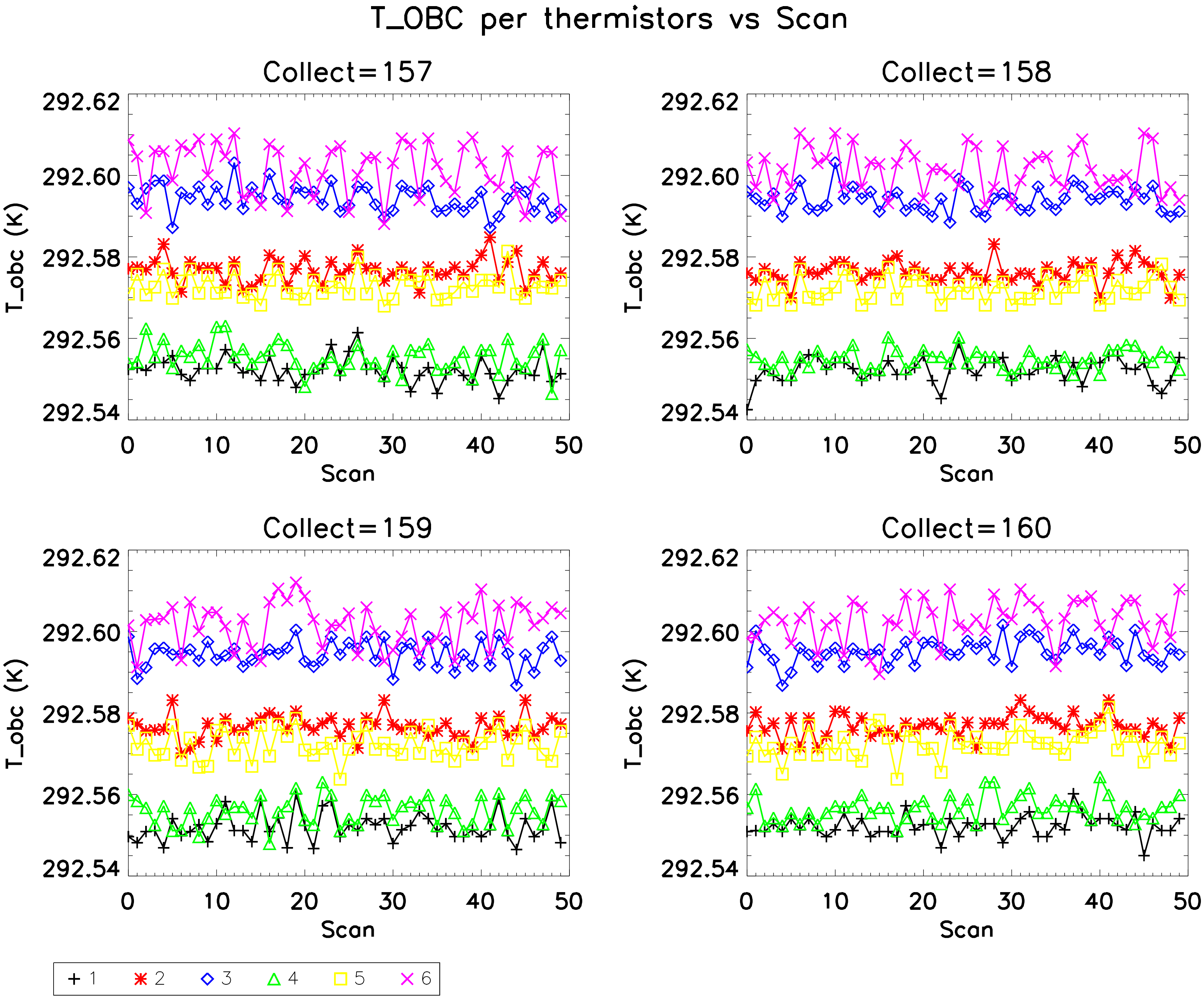

T_OBC per thermistors vs Scan
Collect=137
Collect=138
Collect=139
Collect=140
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

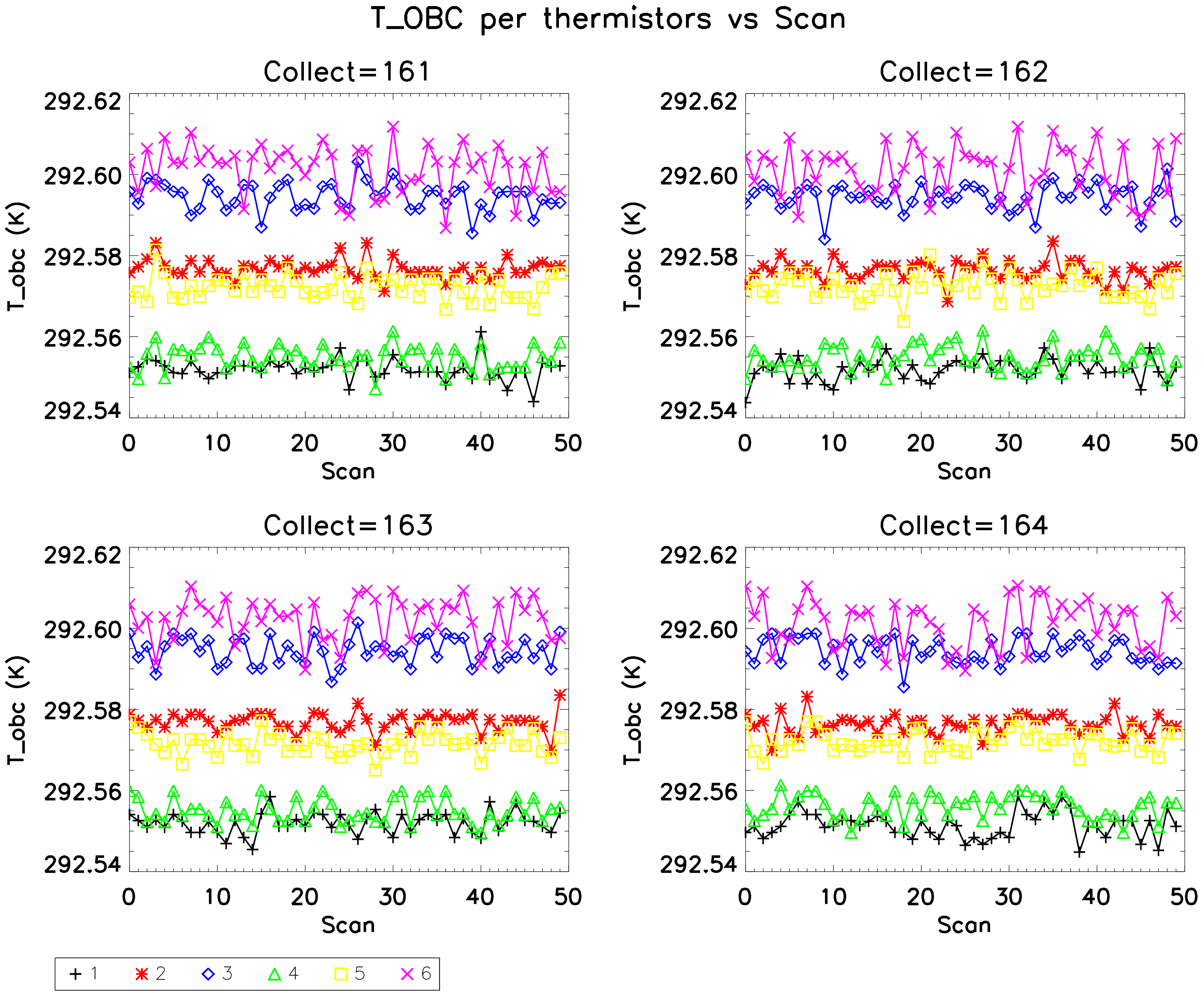

T_OBC per thermistors vs Scan
Collect=141
Collect=142
Collect=143
Collect=144
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

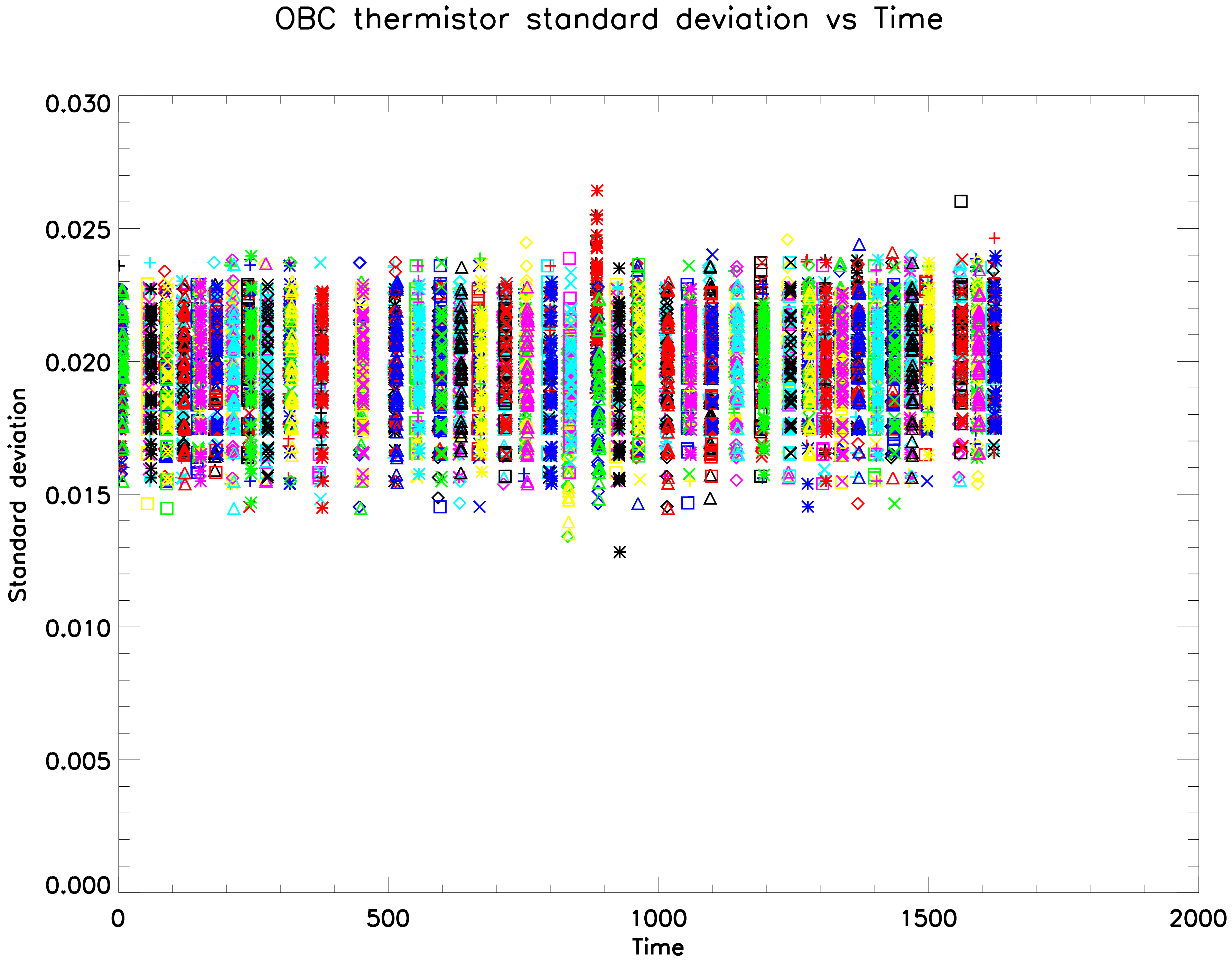

T_OBC per thermistors vs Scan
Collect=145
Collect=146
Collect=147
Collect=148
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

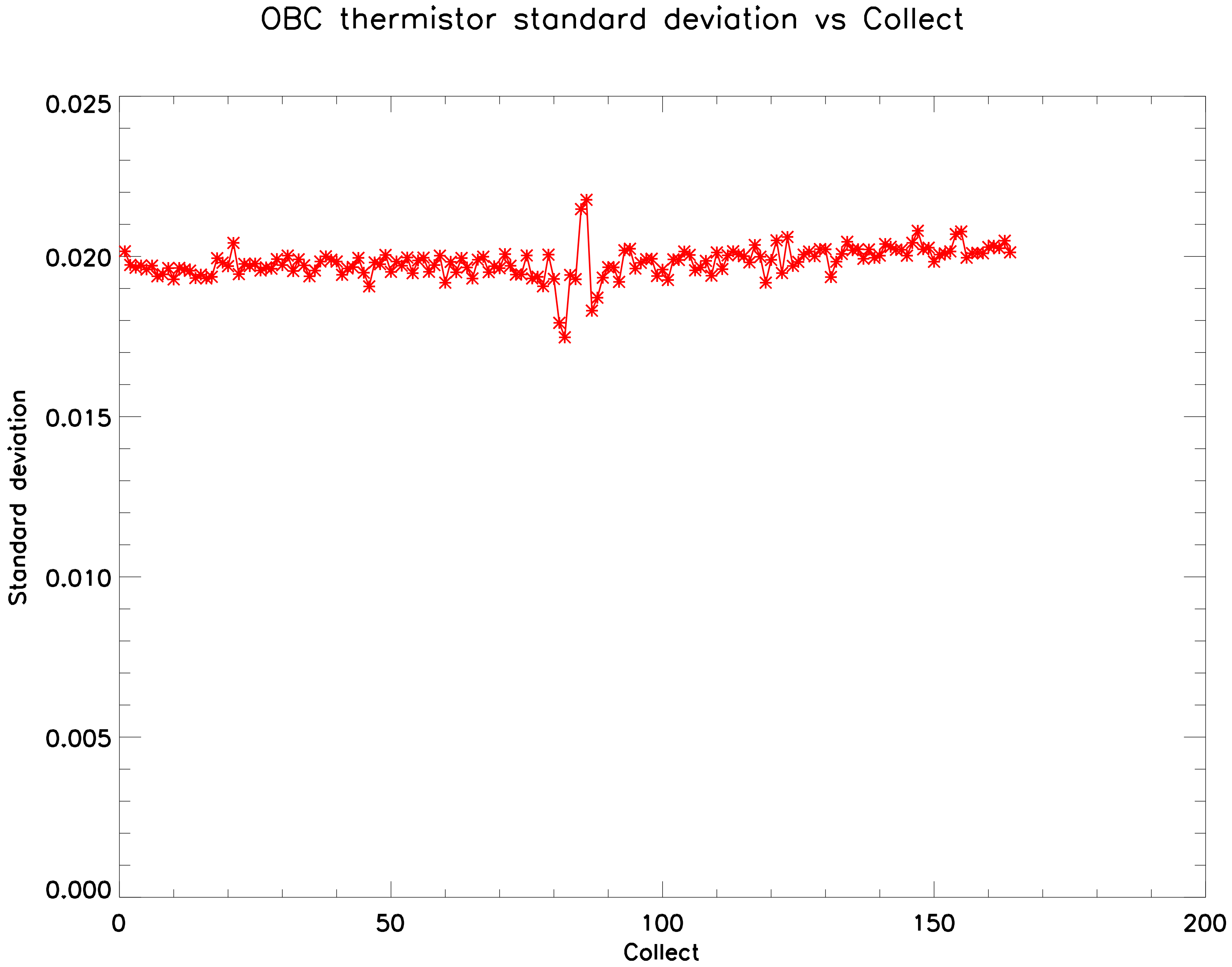

T_OBC per thermistors vs Scan
Collect=149
Collect=150
Collect=151
Collect=152
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

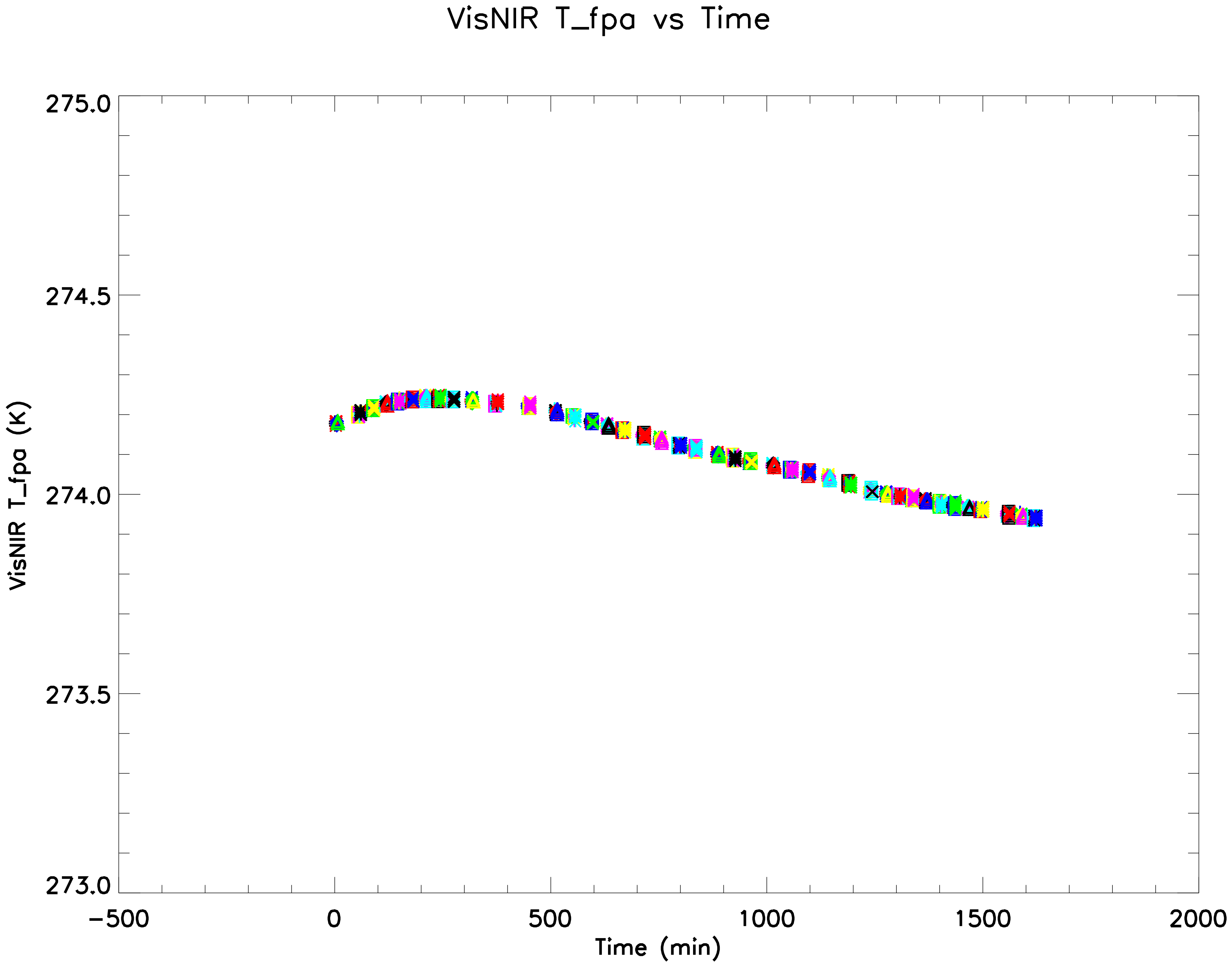

T_OBC per thermistors vs Scan
Collect=153
Collect=154
Collect=155
Collect=156
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

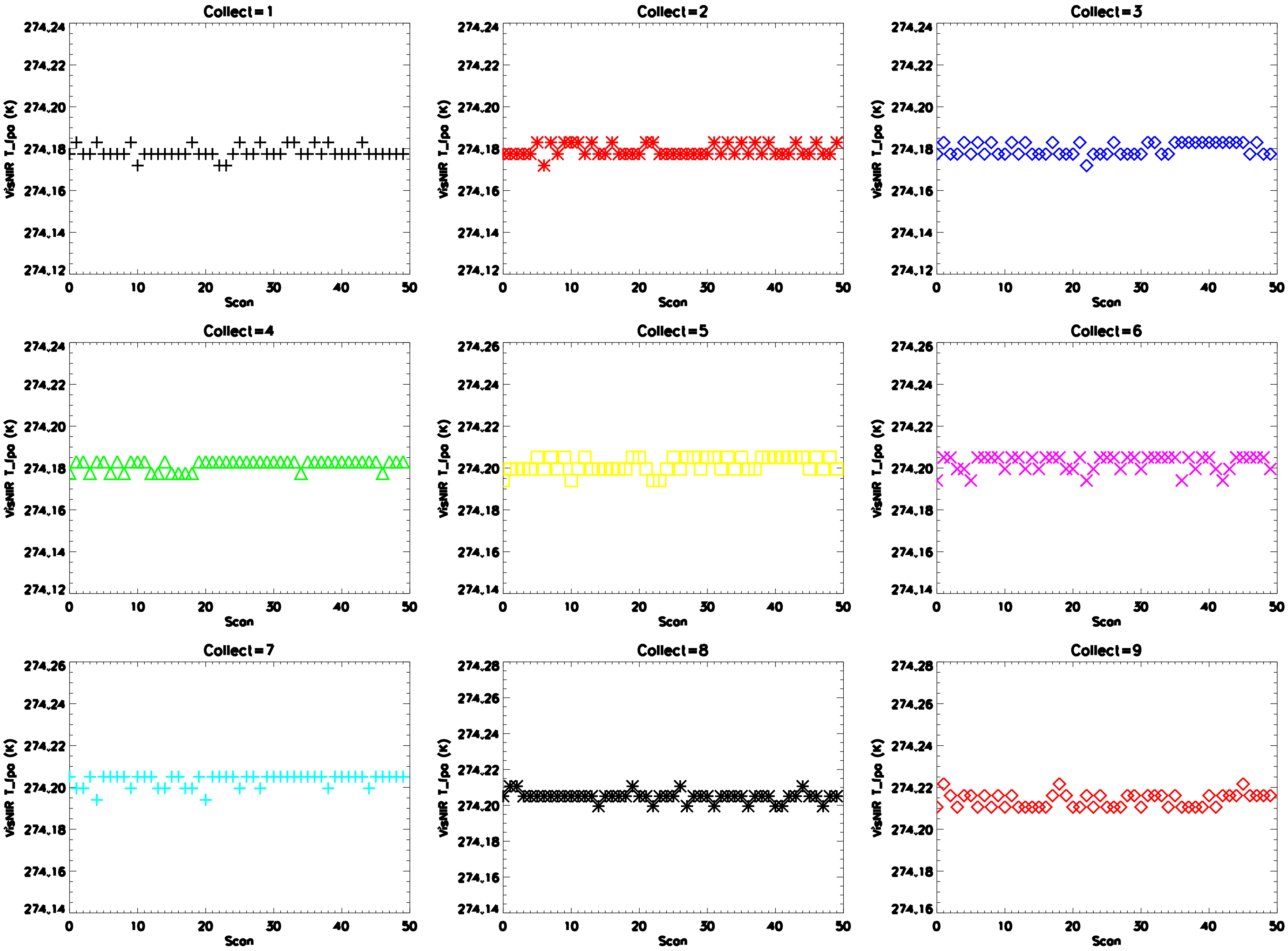

T_OBC per thermistors vs Scan
Collect=157
Collect=158
Collect=159
Collect=160
T_obc (K)
292.62
292.60
292.58
292.56
292.54
Scan
0
10
20
30
40
50
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

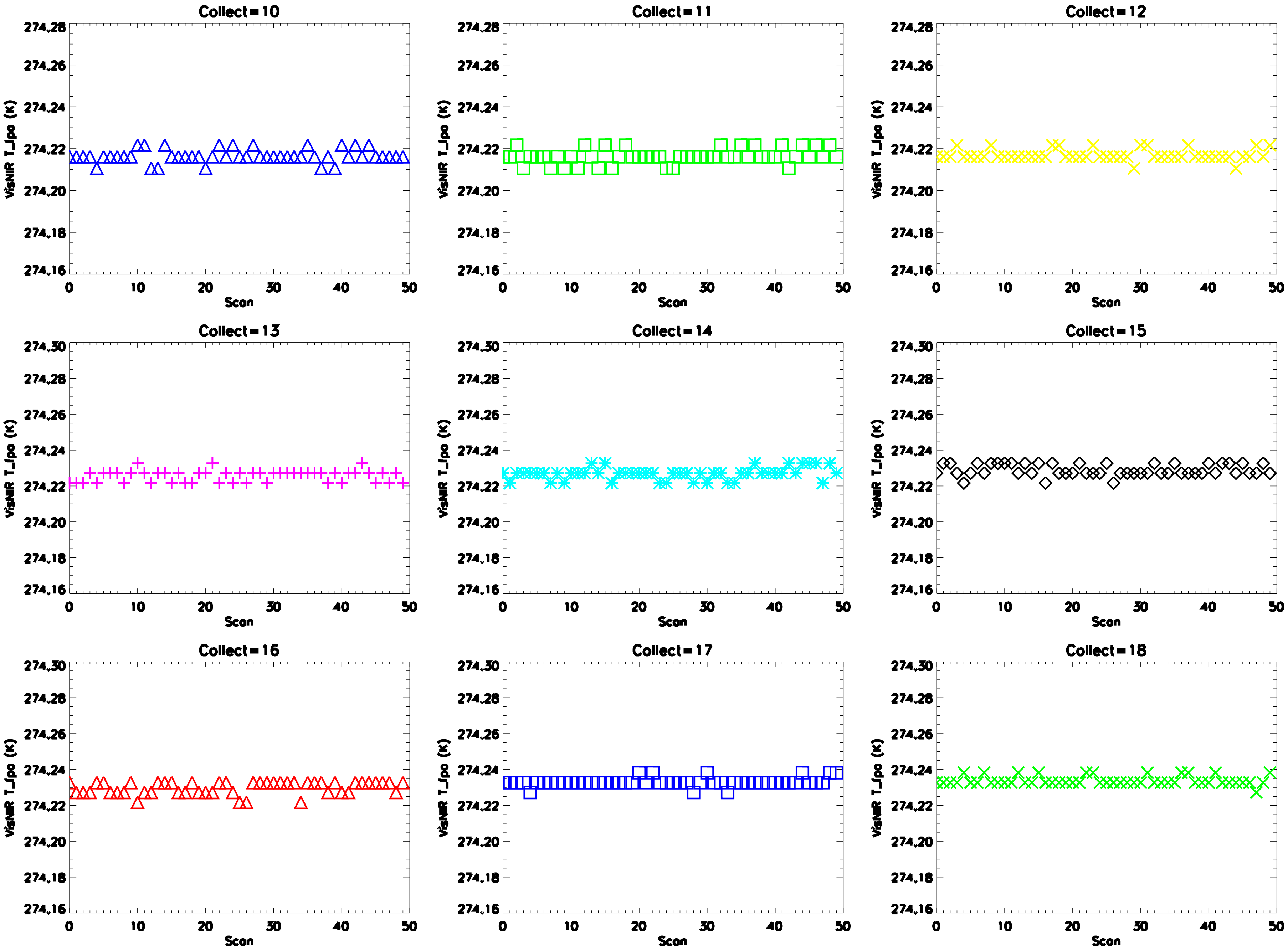

T_OBC per thermistors vs Scan
Collect=161
Collect=162
Collect=163
Collect=164
T_obc (K)
292.62
292.60
292.58
292.56
292.54
0
10
20
30
40
50
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6

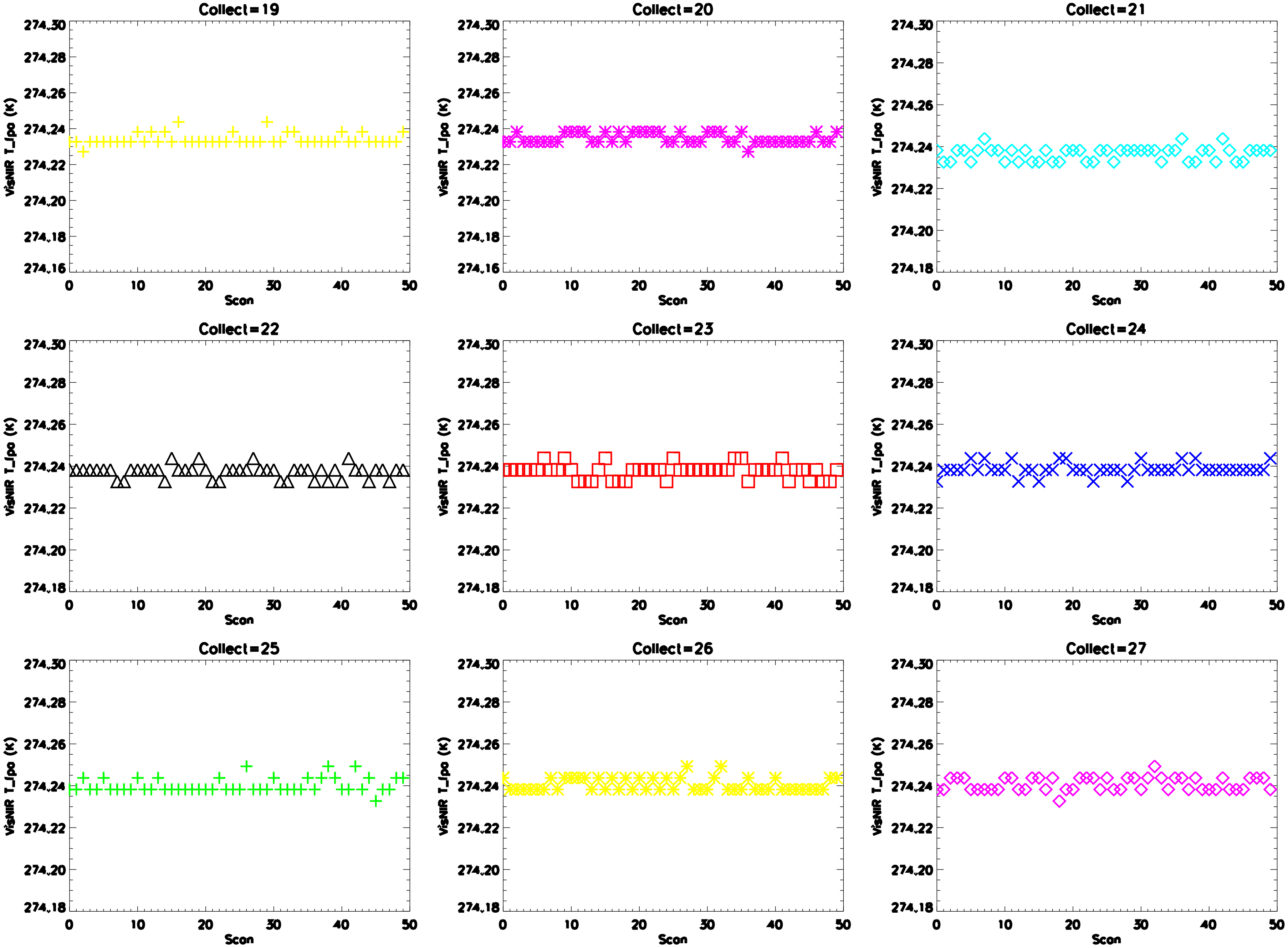

OBC thermistor standard deviation vs Time
Standard deviation
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
500
1000
1500
2000
Time

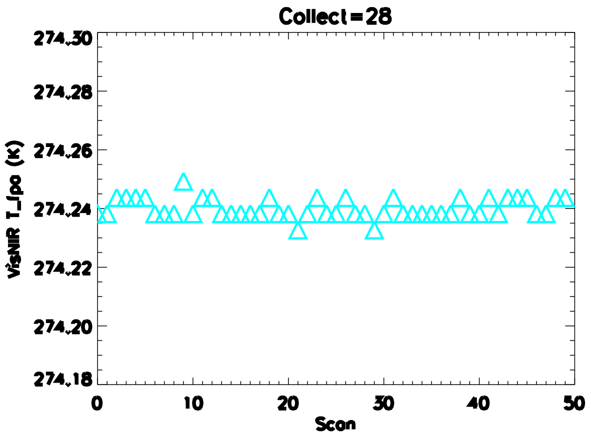

OBC thermistor standard deviation vs Collect
Standard deviation
0.025
0.020
0.015
0.010
0.005
0.000
0
50
100
150
200
Collect

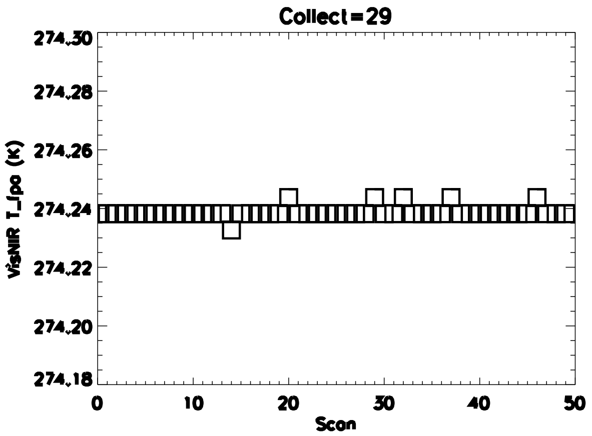

VisNIR T_fpa vs Time

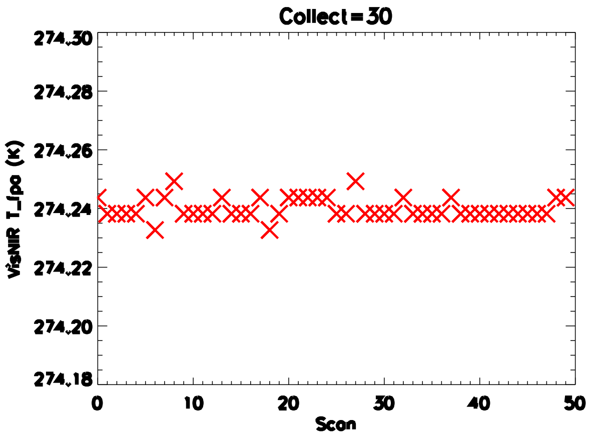

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_lpo (K)
Scan
0
10
20
30
40
50
274.12
274.14
274.16
274.18
274.20
274.22
274.24
274.26
274.28

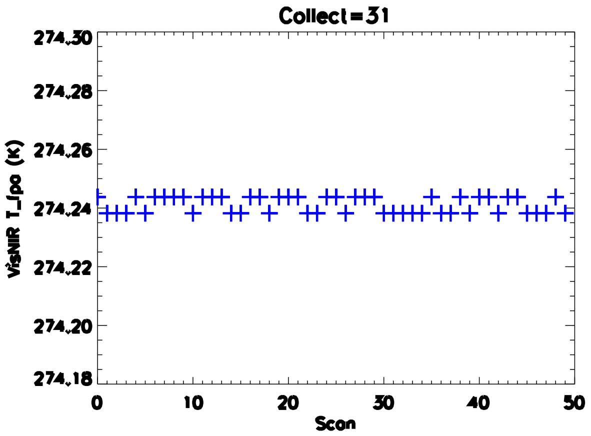

Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
VisNIR T_lpo (K)
Scan
274.16
274.18
274.20
274.22
274.24
274.26
274.28
274.30
0
10
20
30
40
50

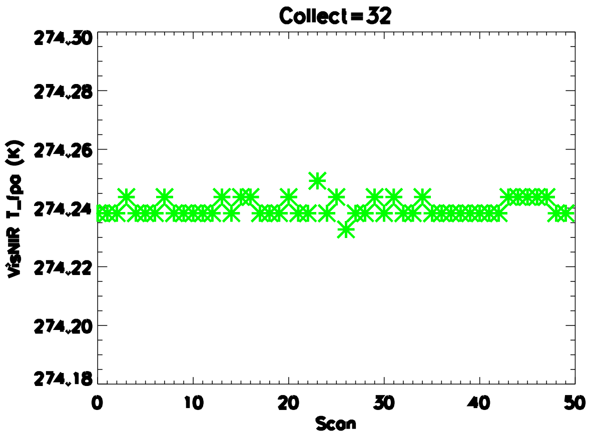

Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
VisNIR T_lpo (K)
Scan
274.16
274.18
274.20
274.22
274.24
274.26
274.28
274.30
0
10
20
30
40
50

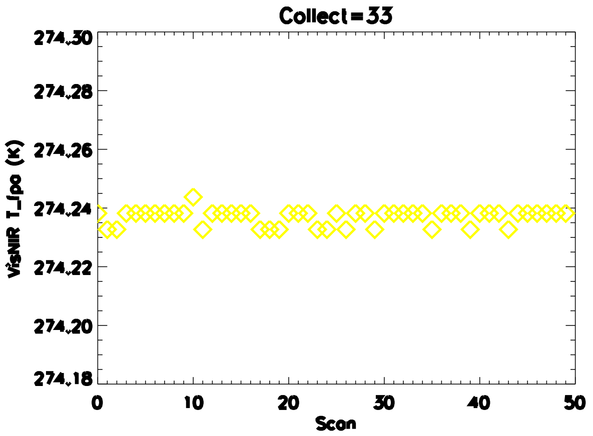

Collect=28
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

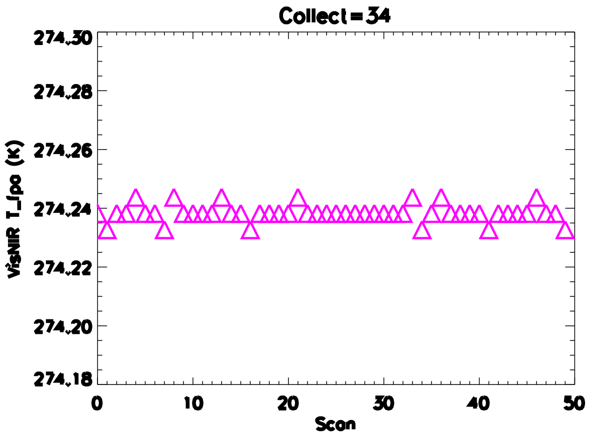

Collect=29
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

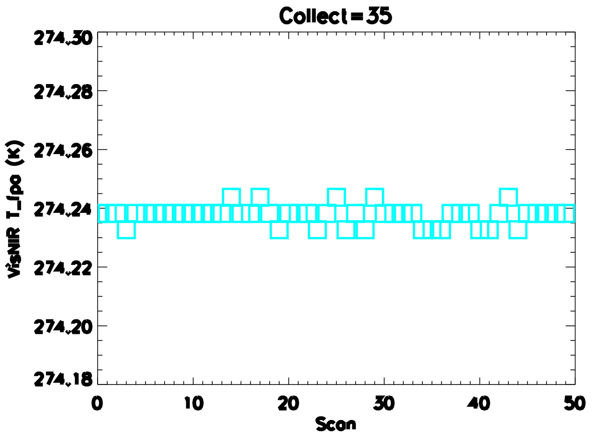

Collect=30
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

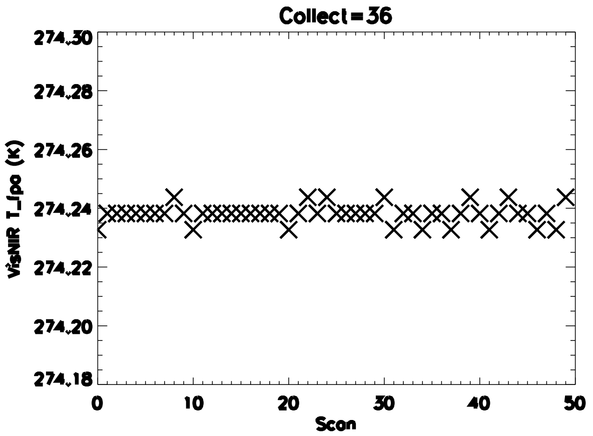

Collect=31
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

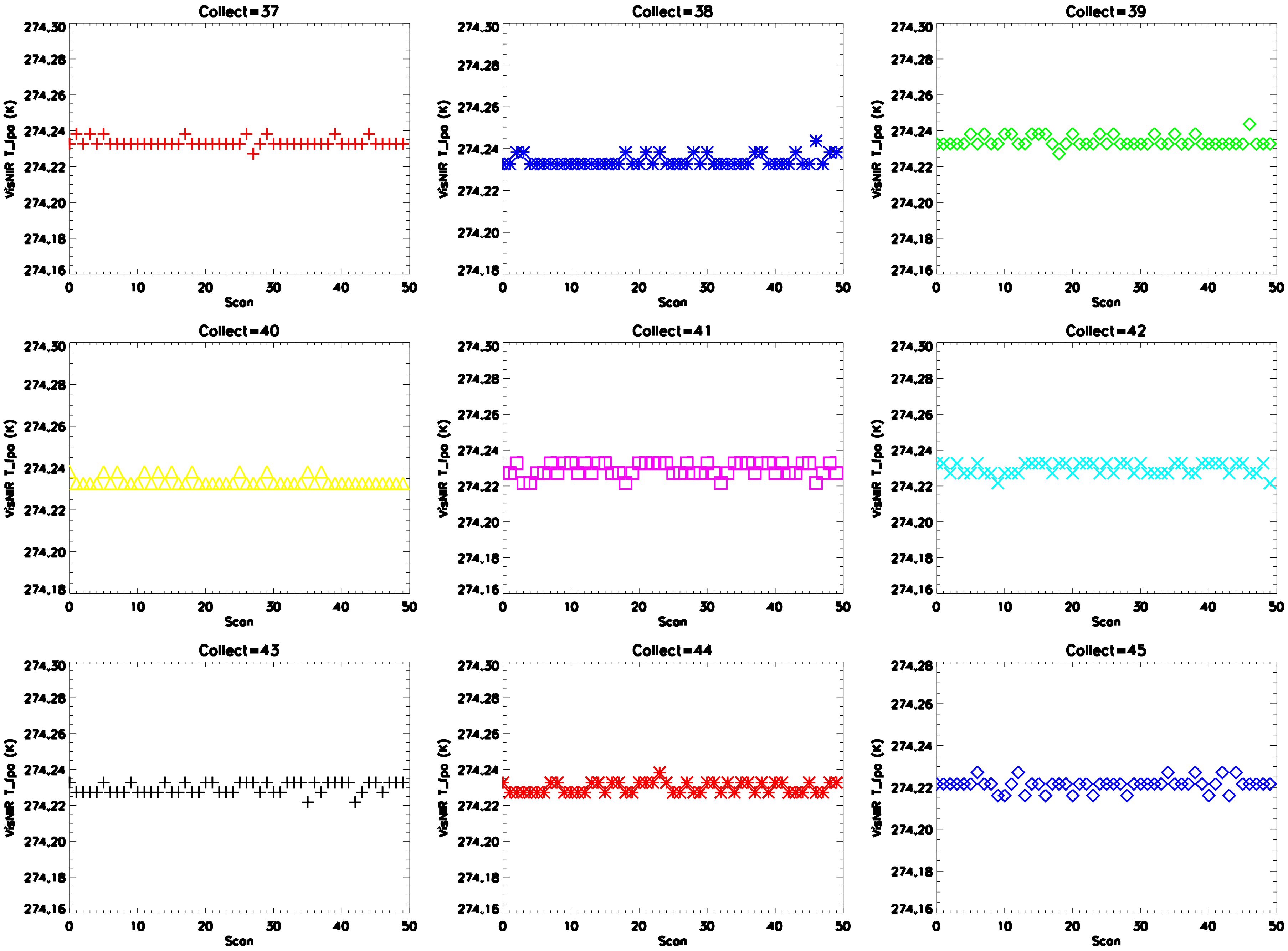

Collect=32
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

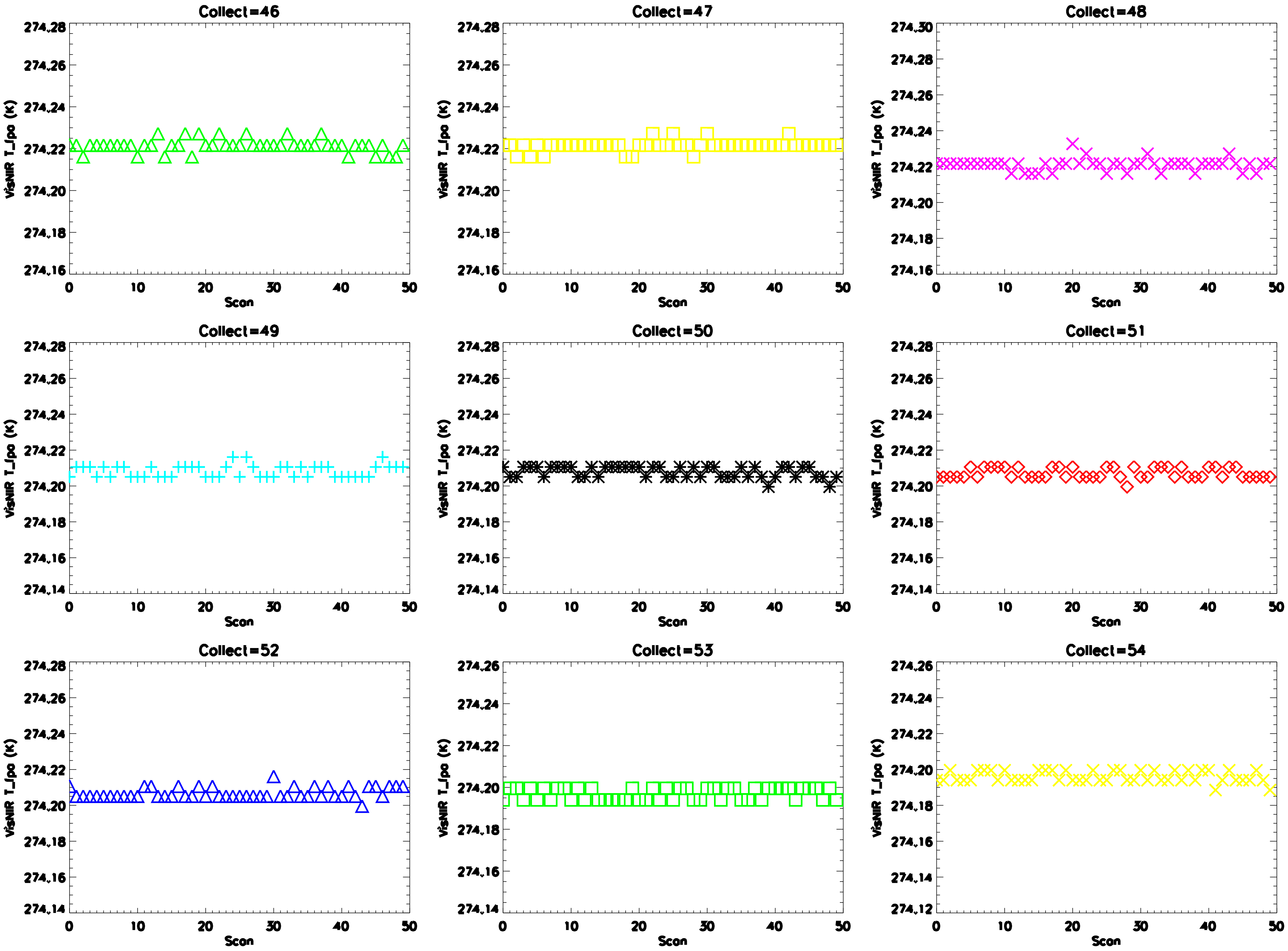

Collect=33
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

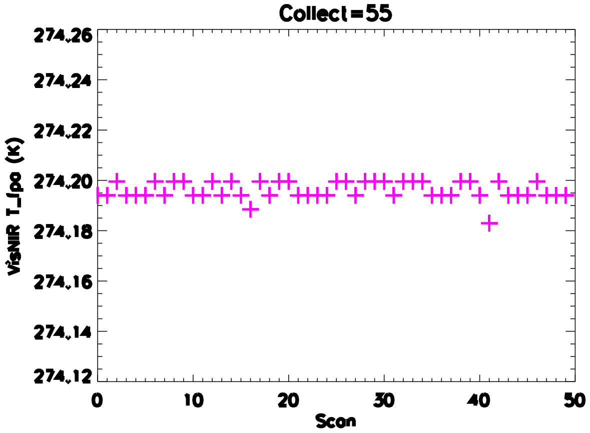

Collect=34
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

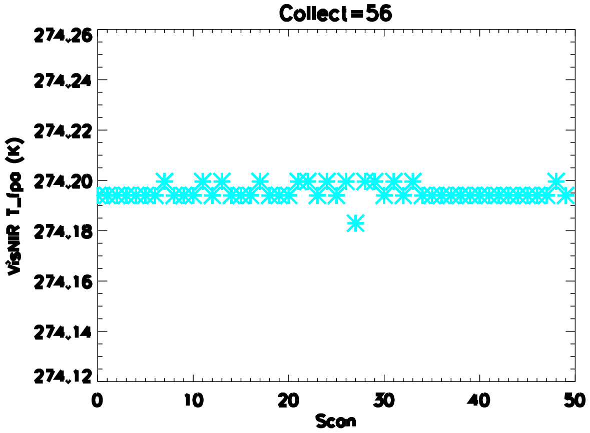

Collect=35
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

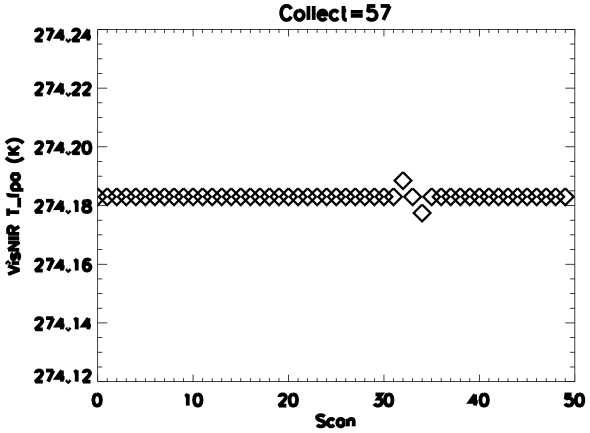

Collect=36
VisNIR T_lpo (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan

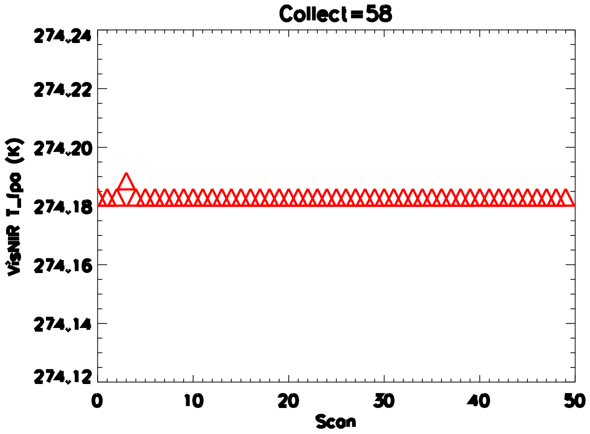

Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
VisNIR T_lpo (K)
Scan
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50

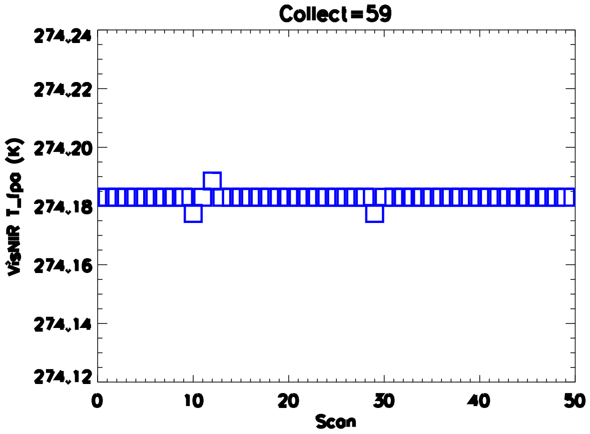

Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
VisNIR T_lpo (K)
Scan
274.12
274.14
274.16
274.18
274.20
274.22
274.24
274.26
274.28
274.30
0
10
20
30
40
50

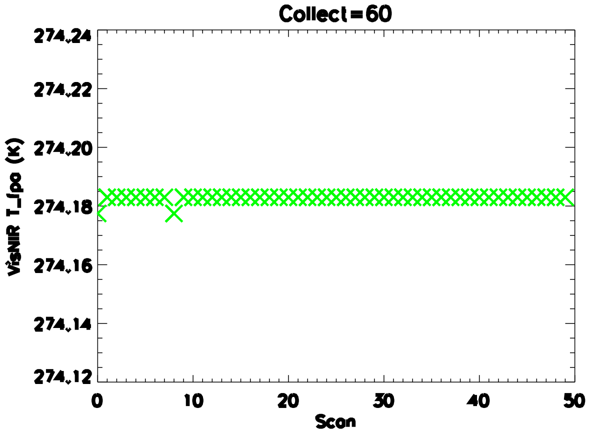

Collect=55
VisNIR T_lpo (K)
274.26
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

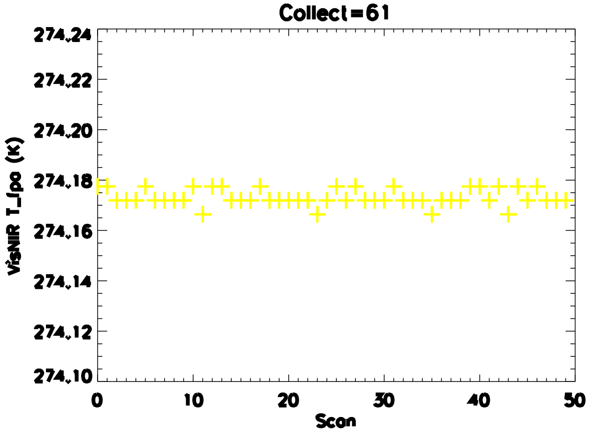

Collect=56
VisNIR T_lpo (K)
274.26
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

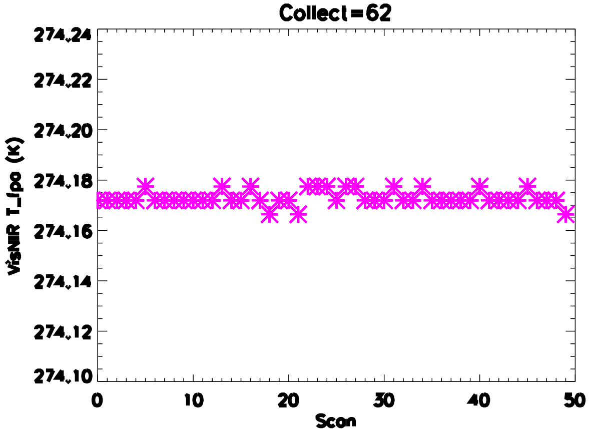

Collect=57
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

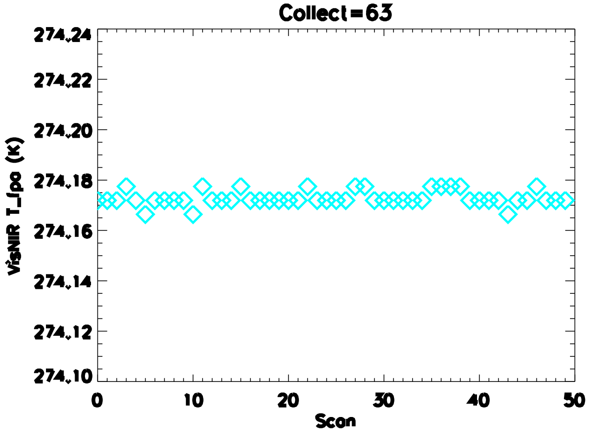

Collect=58
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

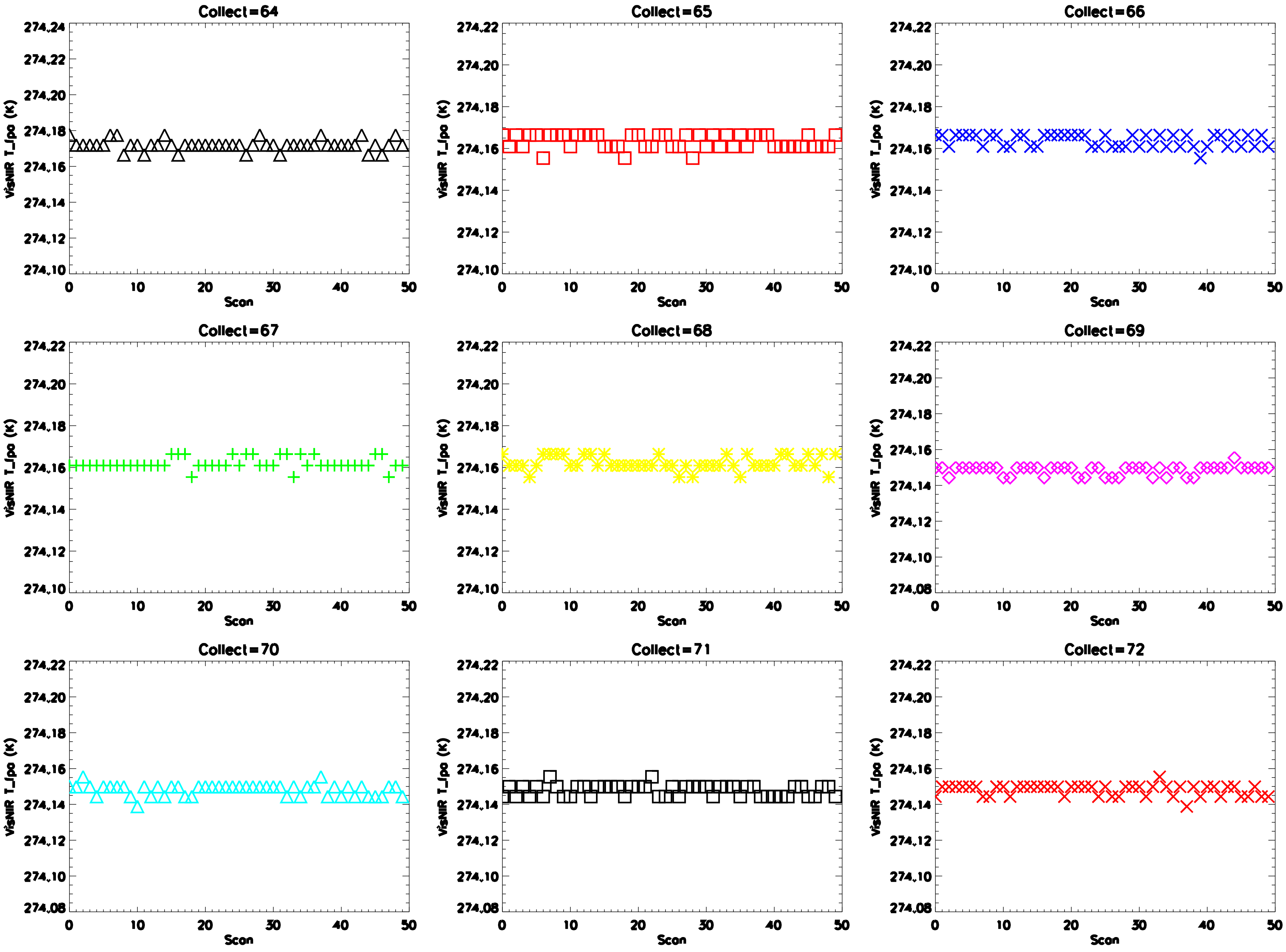

Collect=59
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

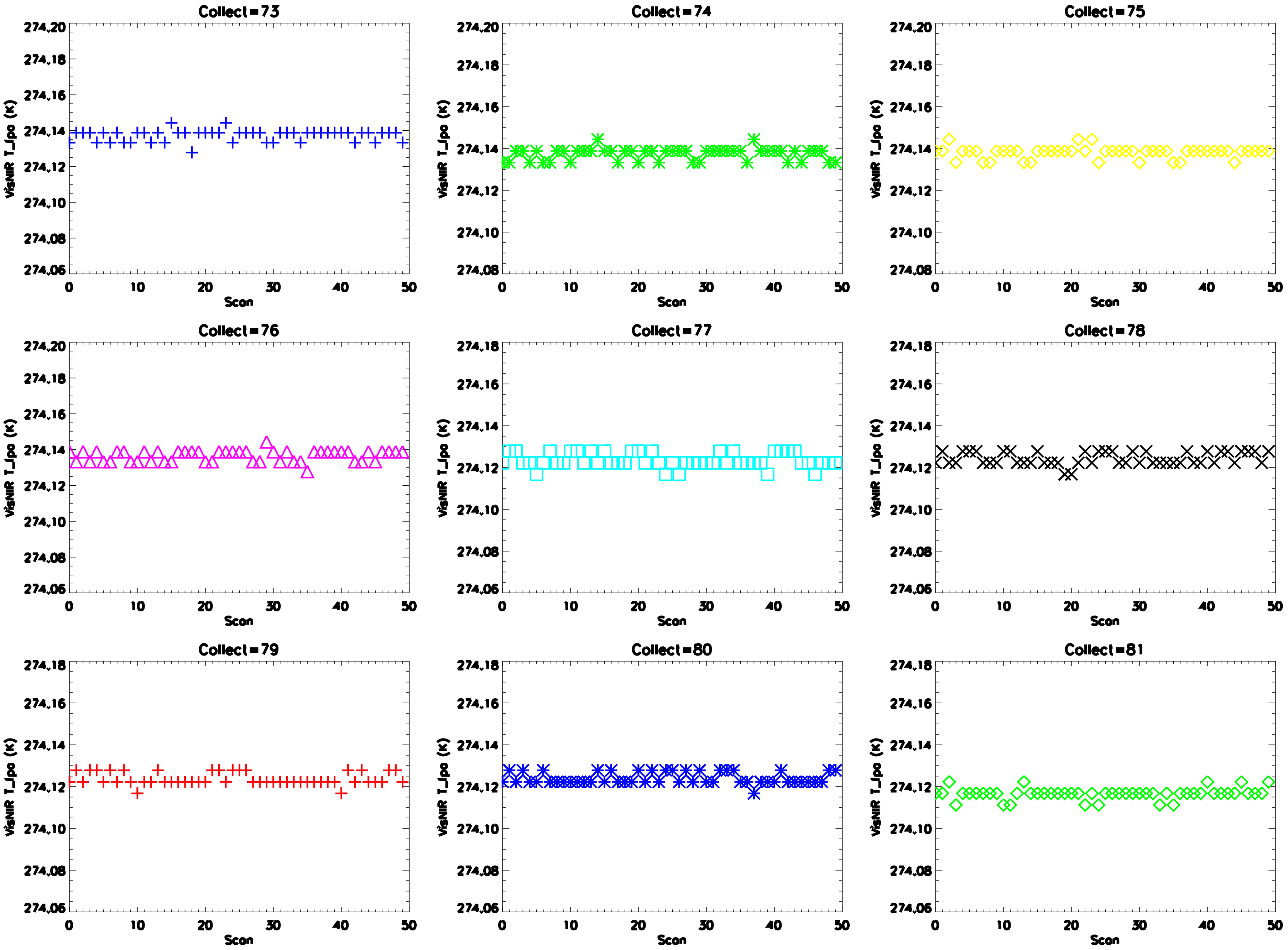

Collect=60
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan

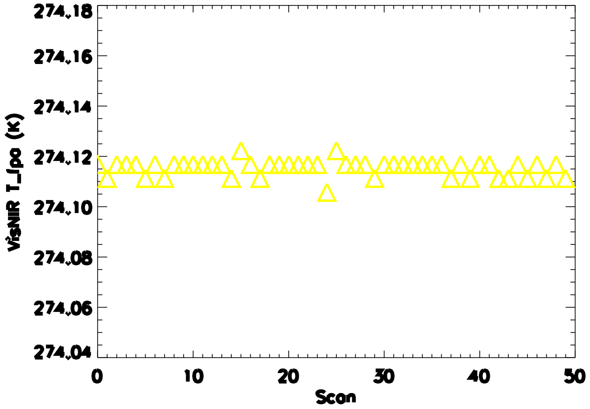

Collect=61
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
10
20
30
40
50
Scan

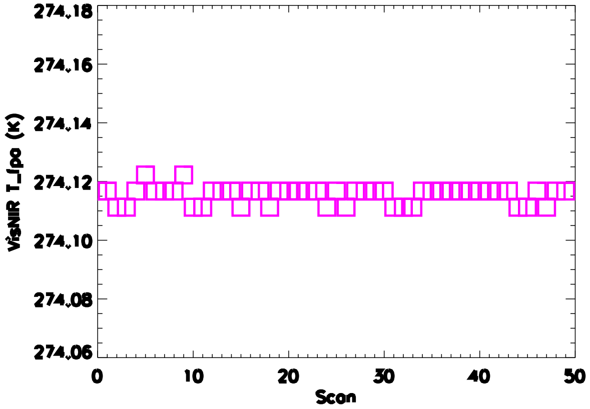

Collect=62
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
10
20
30
40
50
Scan

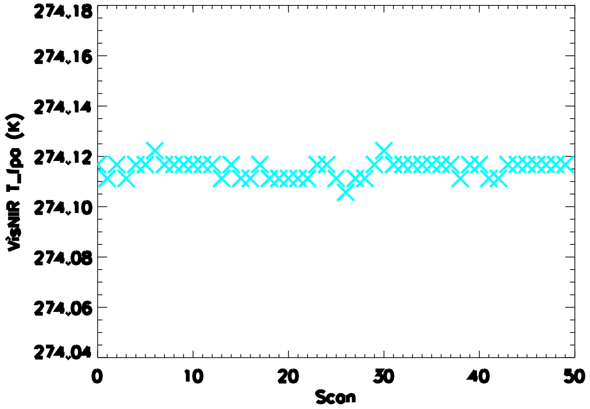

Collect=63
VisNIR T_lpo (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
10
20
30
40
50
Scan

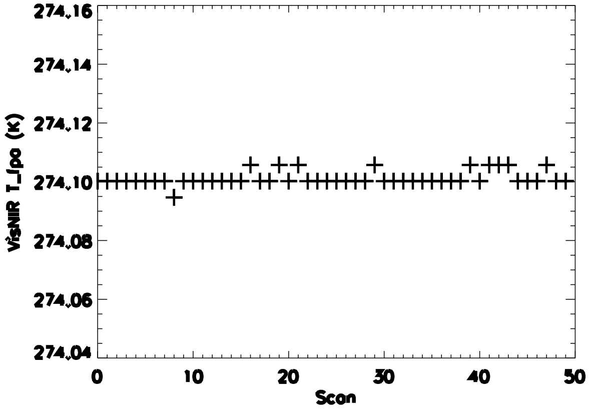

Collect=64
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan
Collect=65
274.22
274.20
274.18
274.16
274.14
274.12
274.10
VisNIR T_lpo (K)
Scan
Collect=66
274.22
274.20
274.18
274.16
274.14
274.12
274.10
VisNIR T_lpo (K)
Scan
Collect=67
274.22
274.20
274.18
274.16
274.14
274.12
274.10
VisNIR T_lpo (K)
Scan
Collect=68
274.22
274.20
274.18
274.16
274.14
274.12
274.10
VisNIR T_lpo (K)
Scan
Collect=69
274.22
274.20
274.18
274.16
274.14
274.12
274.10
274.08
VisNIR T_lpo (K)
Scan
Collect=70
274.22
274.20
274.18
274.16
274.14
274.12
274.10
274.08
VisNIR T_lpo (K)
Scan
Collect=71
274.22
274.20
274.18
274.16
274.14
274.12
274.10
274.08
VisNIR T_lpo (K)
Scan
Collect=72
274.22
274.20
274.18
274.16
274.14
274.12
274.10
274.08
VisNIR T_lpo (K)
Scan

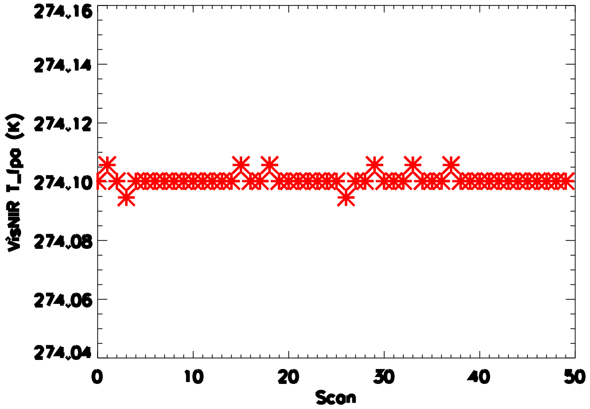

Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
VisNIR T_lpo (K)
Scan
274.06
274.08
274.10
274.12
274.14
274.16
274.18
274.20
0
10
20
30
40
50

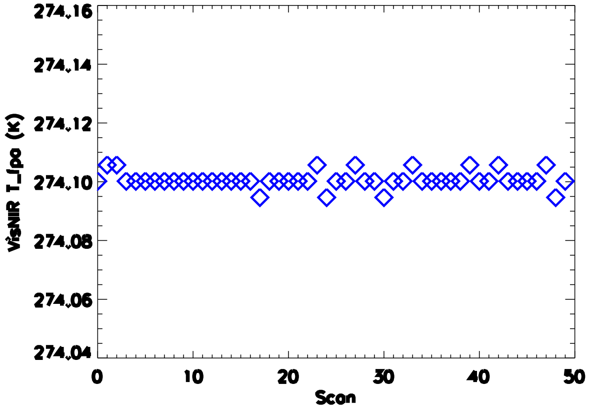

Collect=82

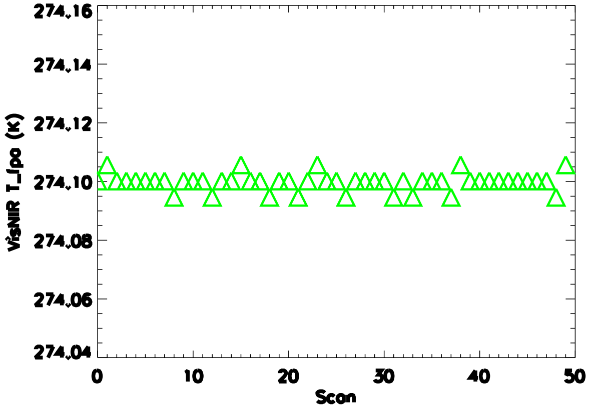

Collect=83

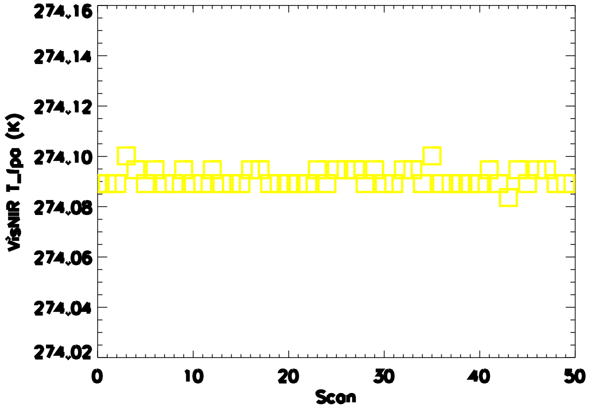

Collect=84

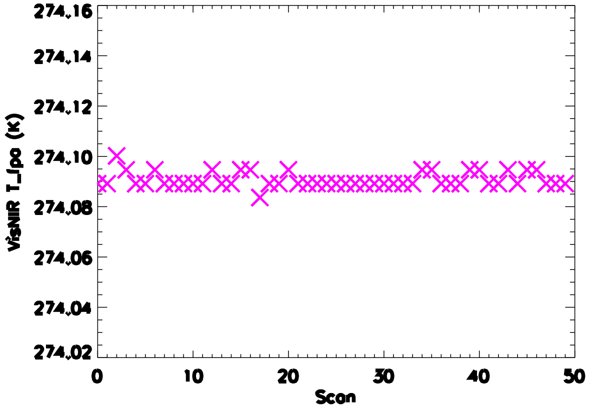

Collect=85

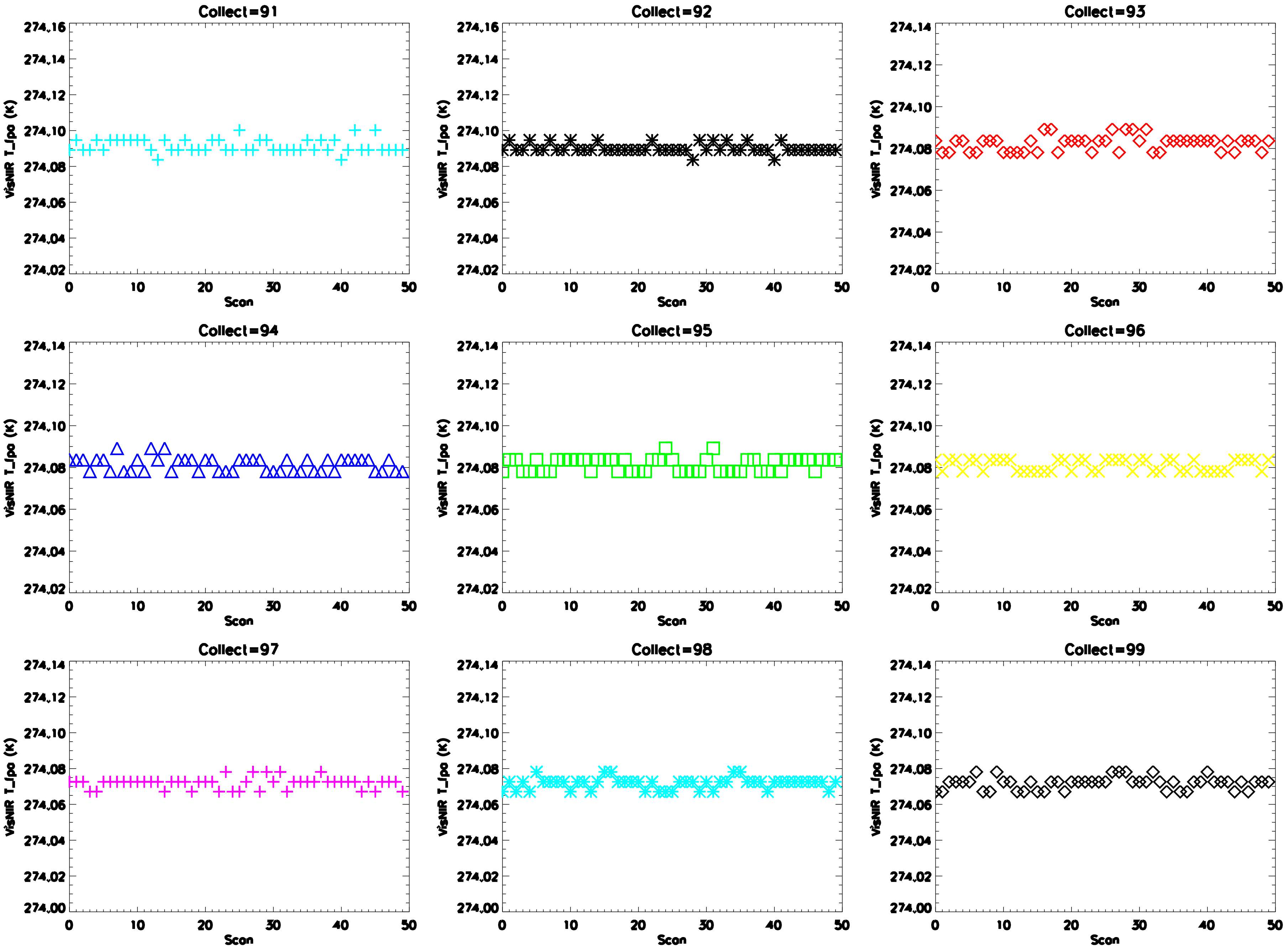

Collect=86

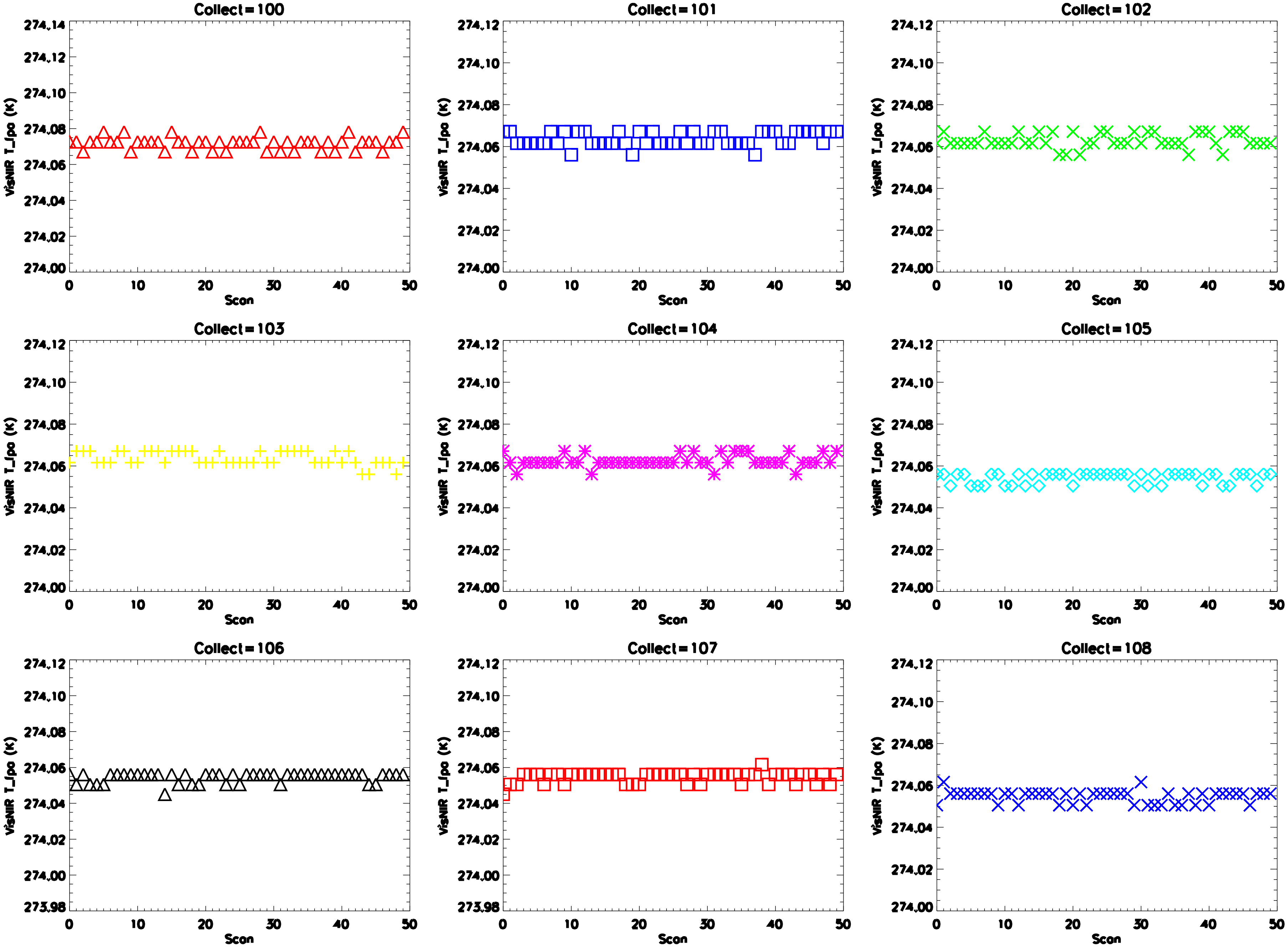

Collect=87

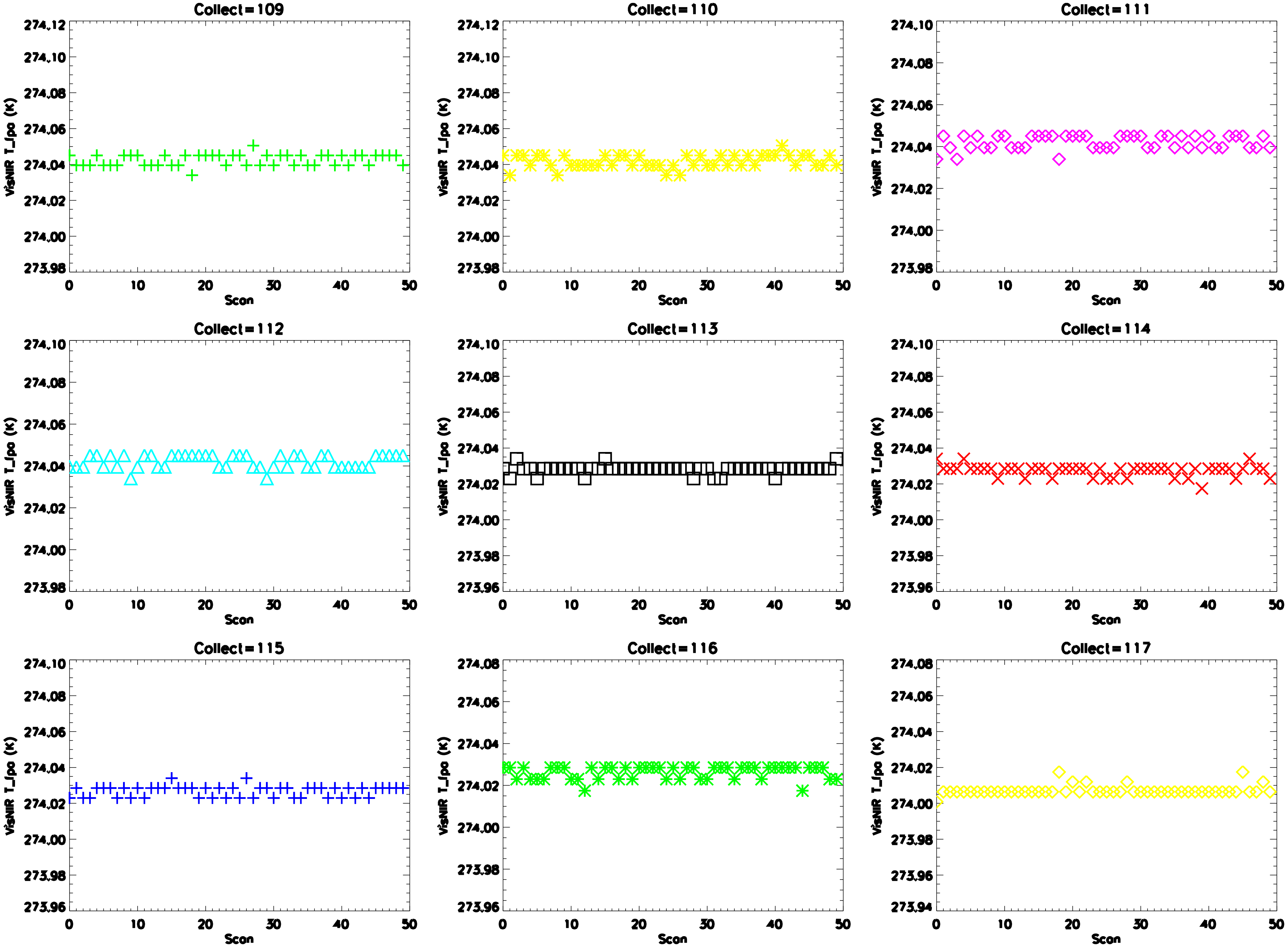

Collect=88

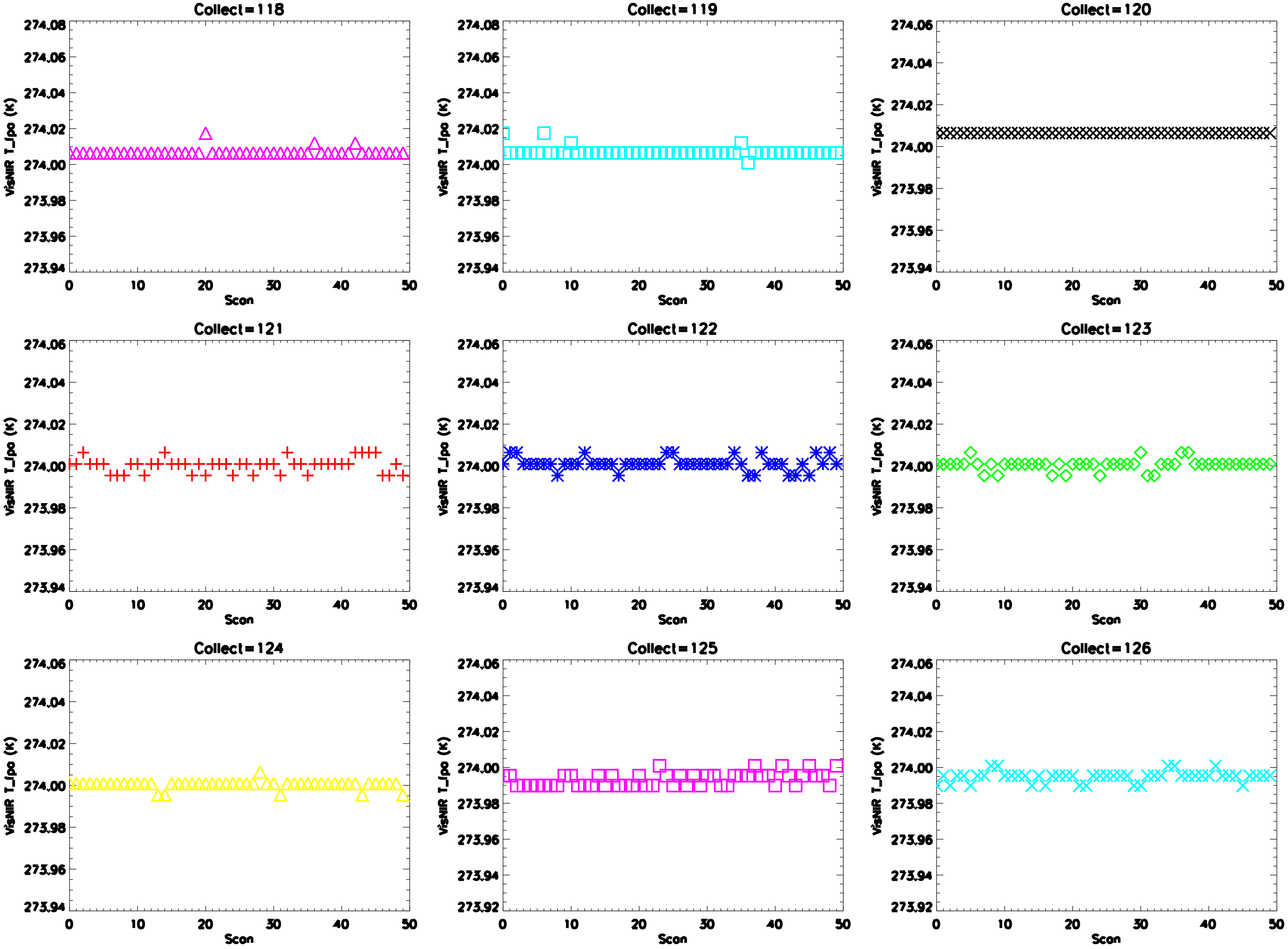

Collect=89

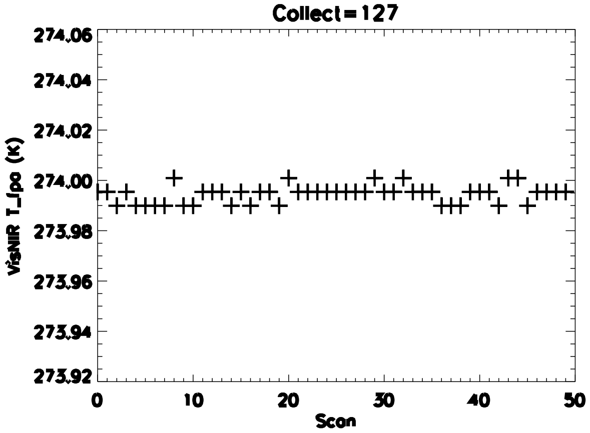

Collect=90

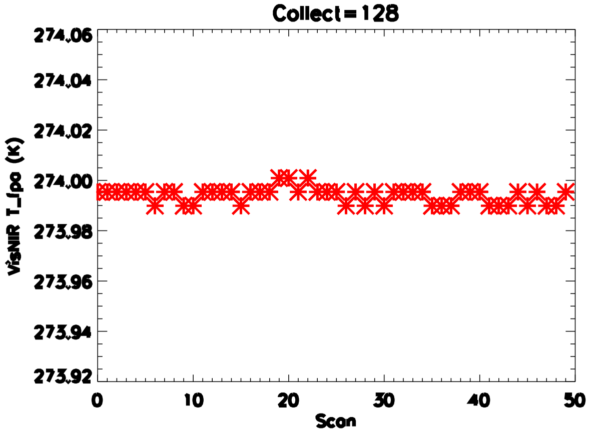

Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
VisNIR T_lpo (K)
Scan
274.00
274.02
274.04
274.06
274.08
274.10
274.12
274.14
274.16
0
10
20
30
40
50

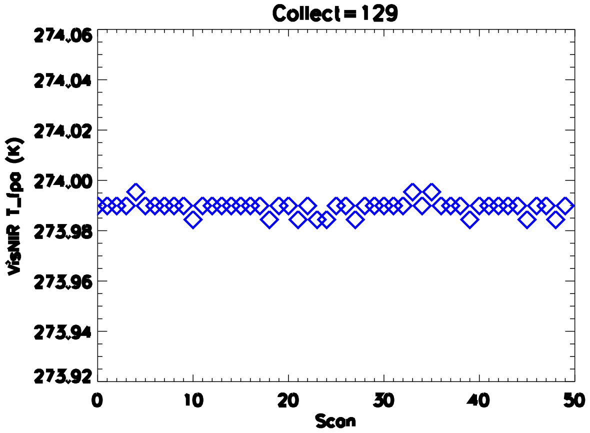

Collect = 100
Collect = 101
Collect = 102
Collect = 103
Collect = 104
Collect = 105
Collect = 106
Collect = 107
Collect = 108
VisNIR T_lpo (K)
Scan
0
10
20
30
40
50
273.98
274.00
274.02
274.04
274.06
274.08
274.10
274.12
274.14

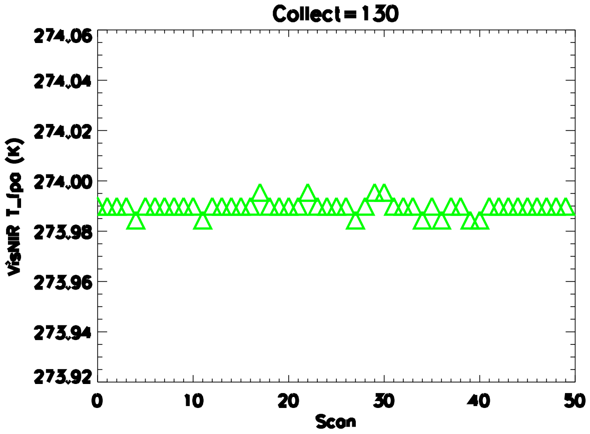

Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
VisNIR T_lpo (K)
Scan
0
10
20
30
40
50
273.94
273.96
273.98
274.00
274.02
274.04
274.06
274.08
274.10
274.12

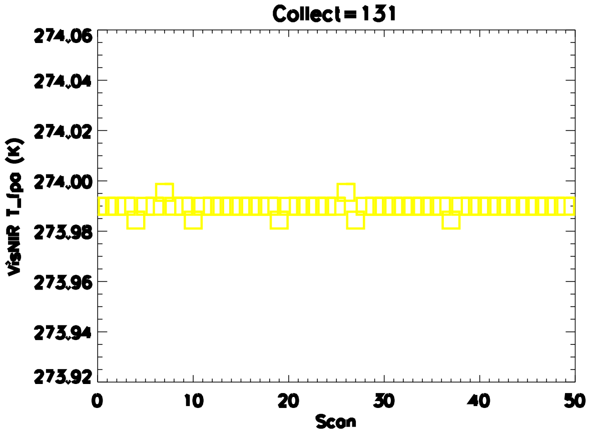

Collect = 118
Collect = 119
Collect = 120
Collect = 121
Collect = 122
Collect = 123
Collect = 124
Collect = 125
Collect = 126
VisNIR T_lpo (K)
Scan
274.08
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
0
10
20
30
40
50

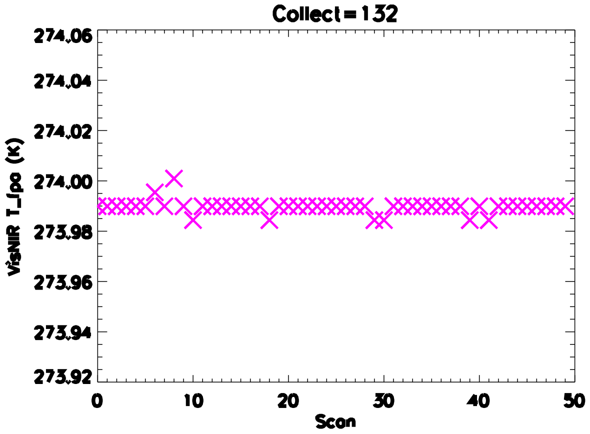

Collect=127
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

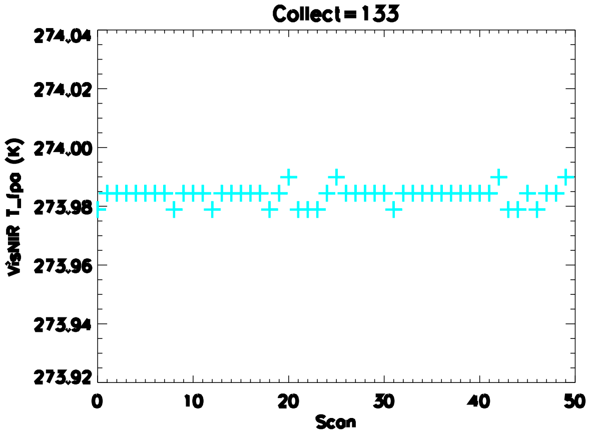

Collect=128
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

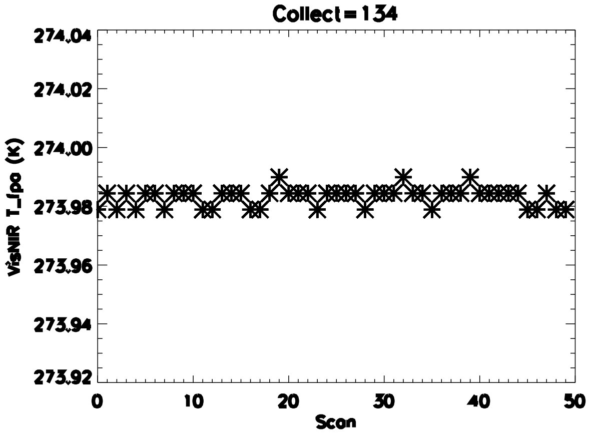

Collect=129
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

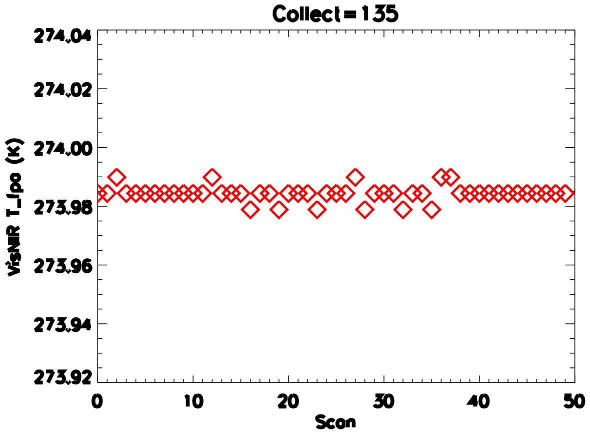

Collect=130
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

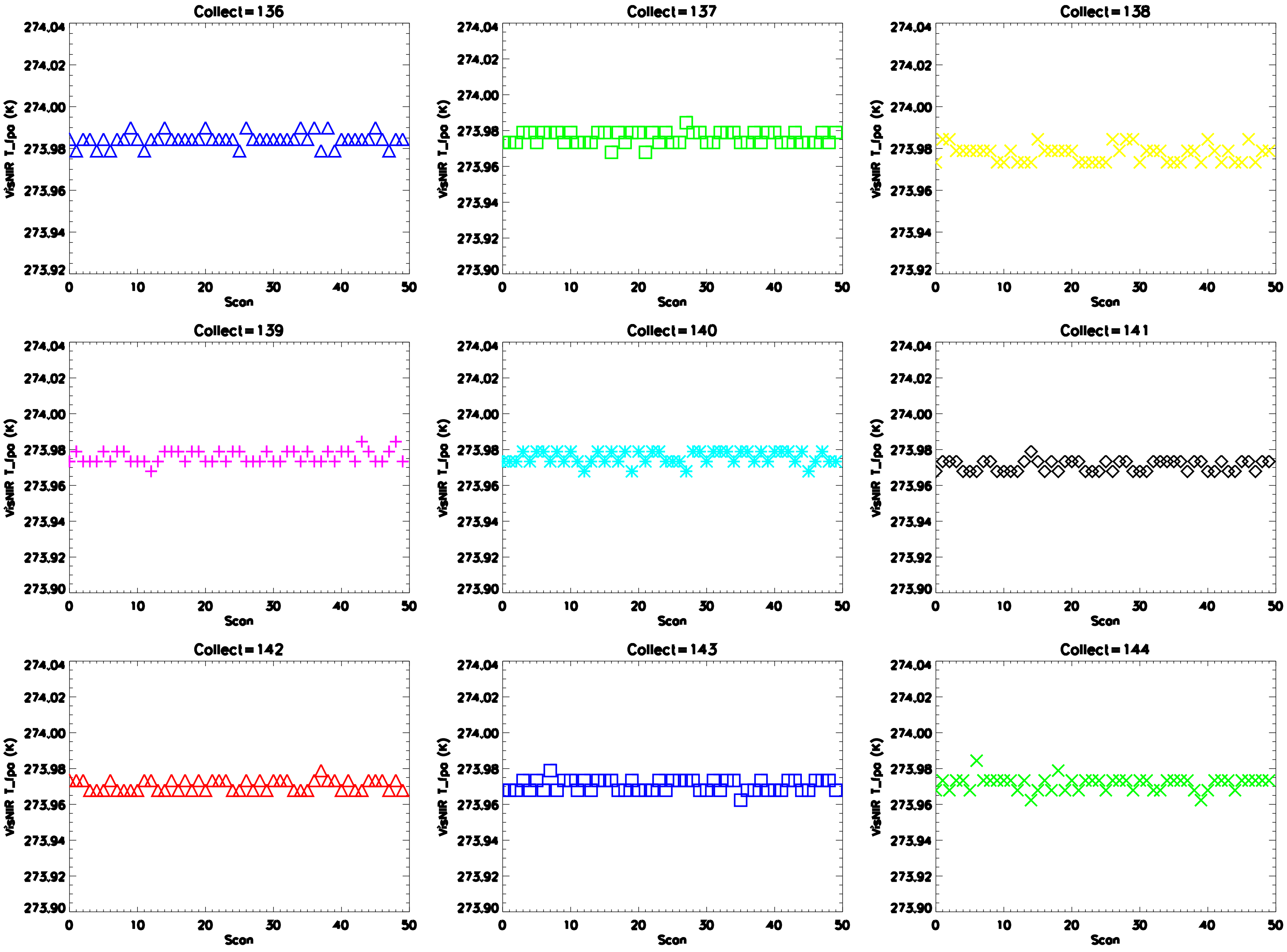

Collect=131
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

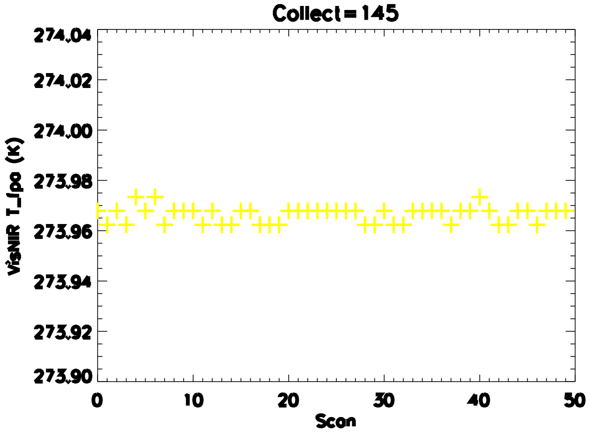

Collect=132
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

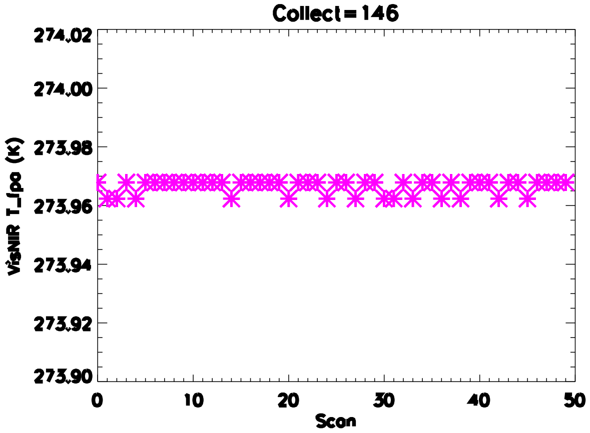

Collect=133
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

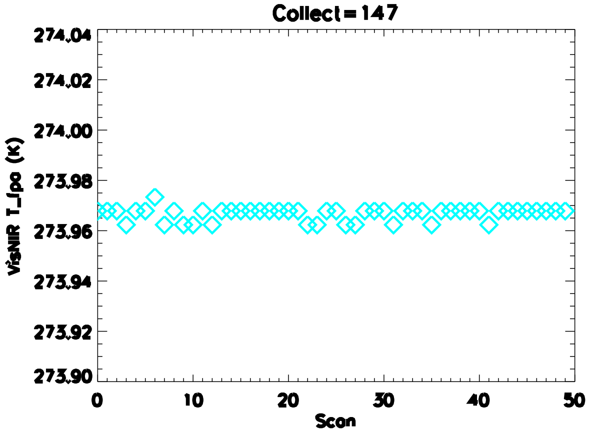

Collect=134
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

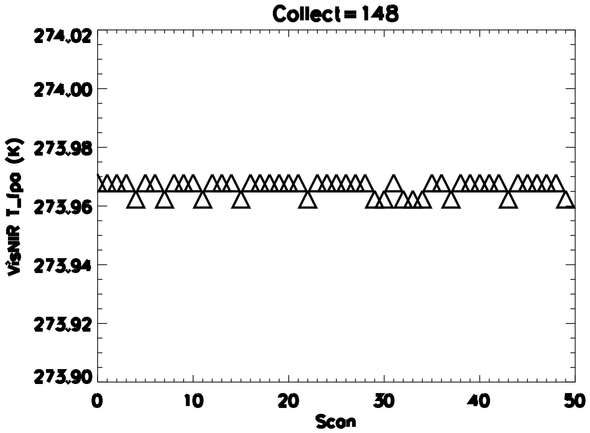

Collect=135
274.04
274.02
274.00
273.98
273.96
273.94
273.92
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

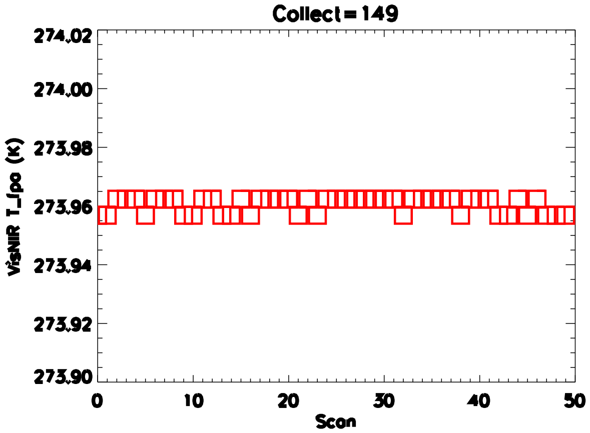

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
VisNIR T_lpo (K)
Scan
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50

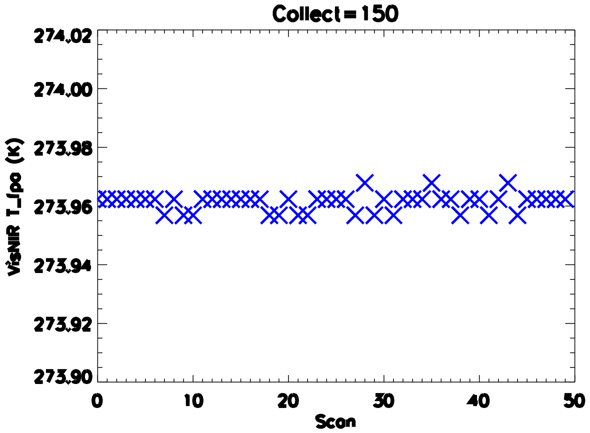

Collect=145
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

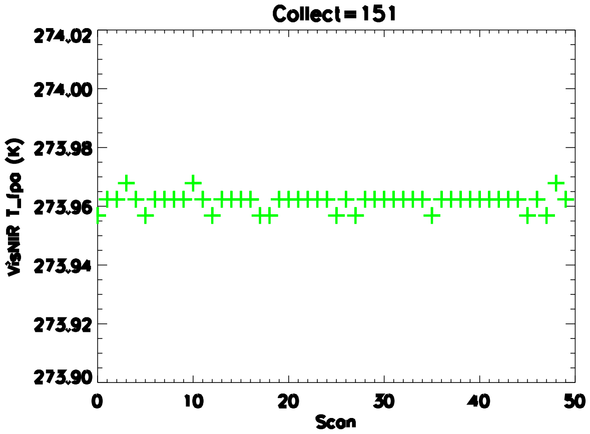

Collect=146
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

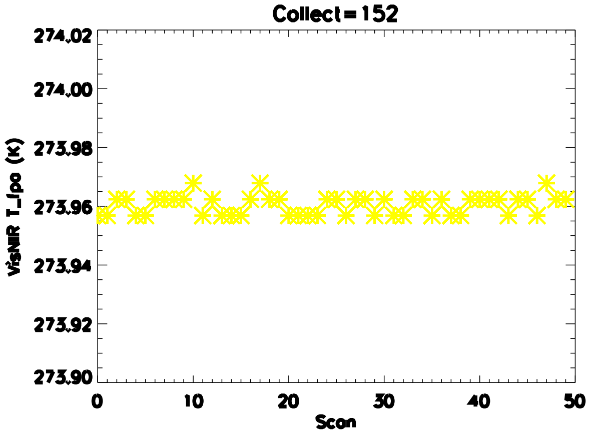

Collect=147
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

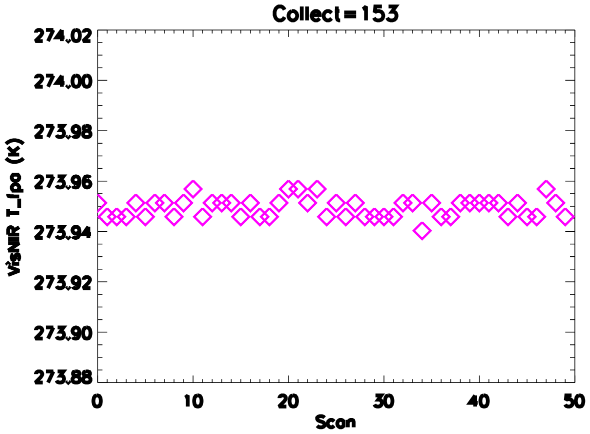

Collect=148
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

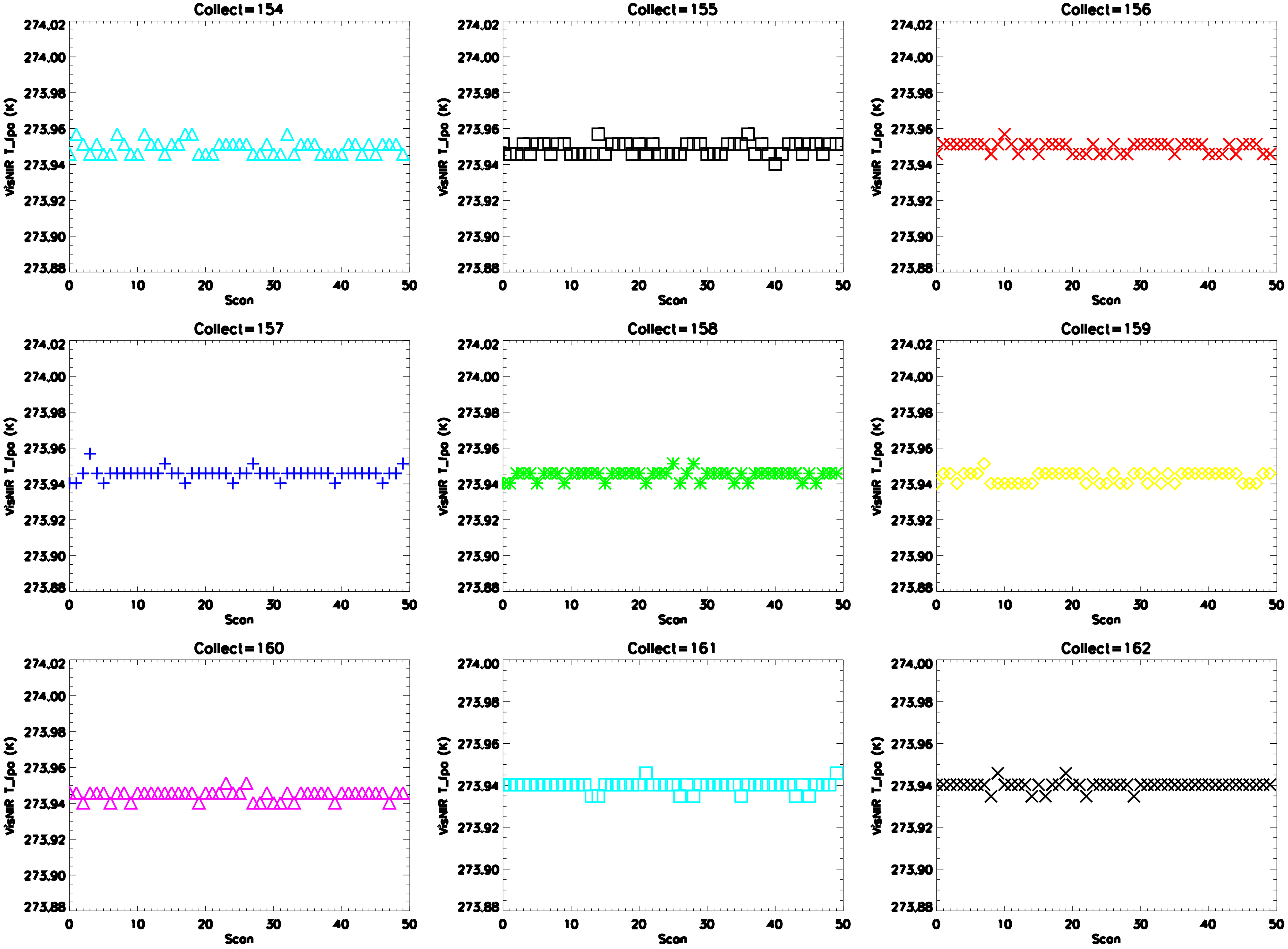

Collect=149
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan


Collect=150
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

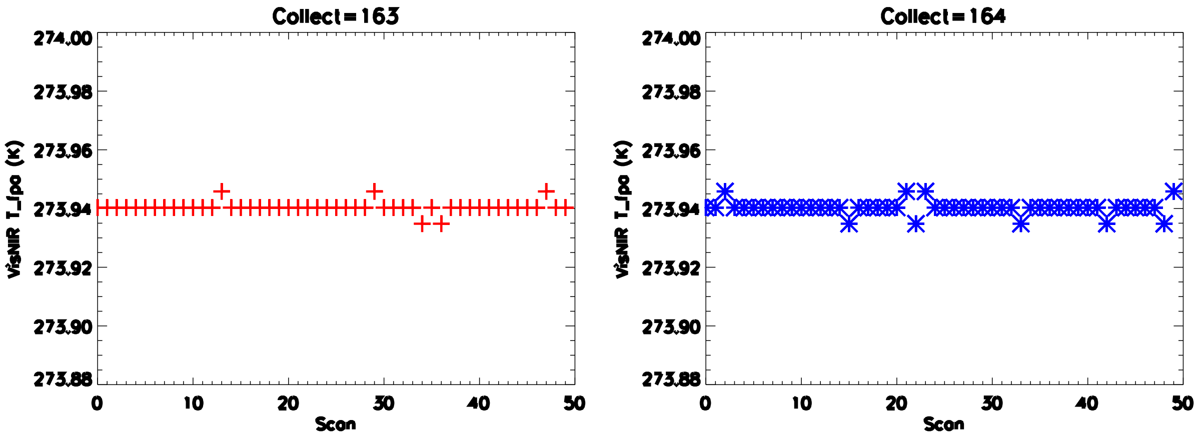

Collect=151
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

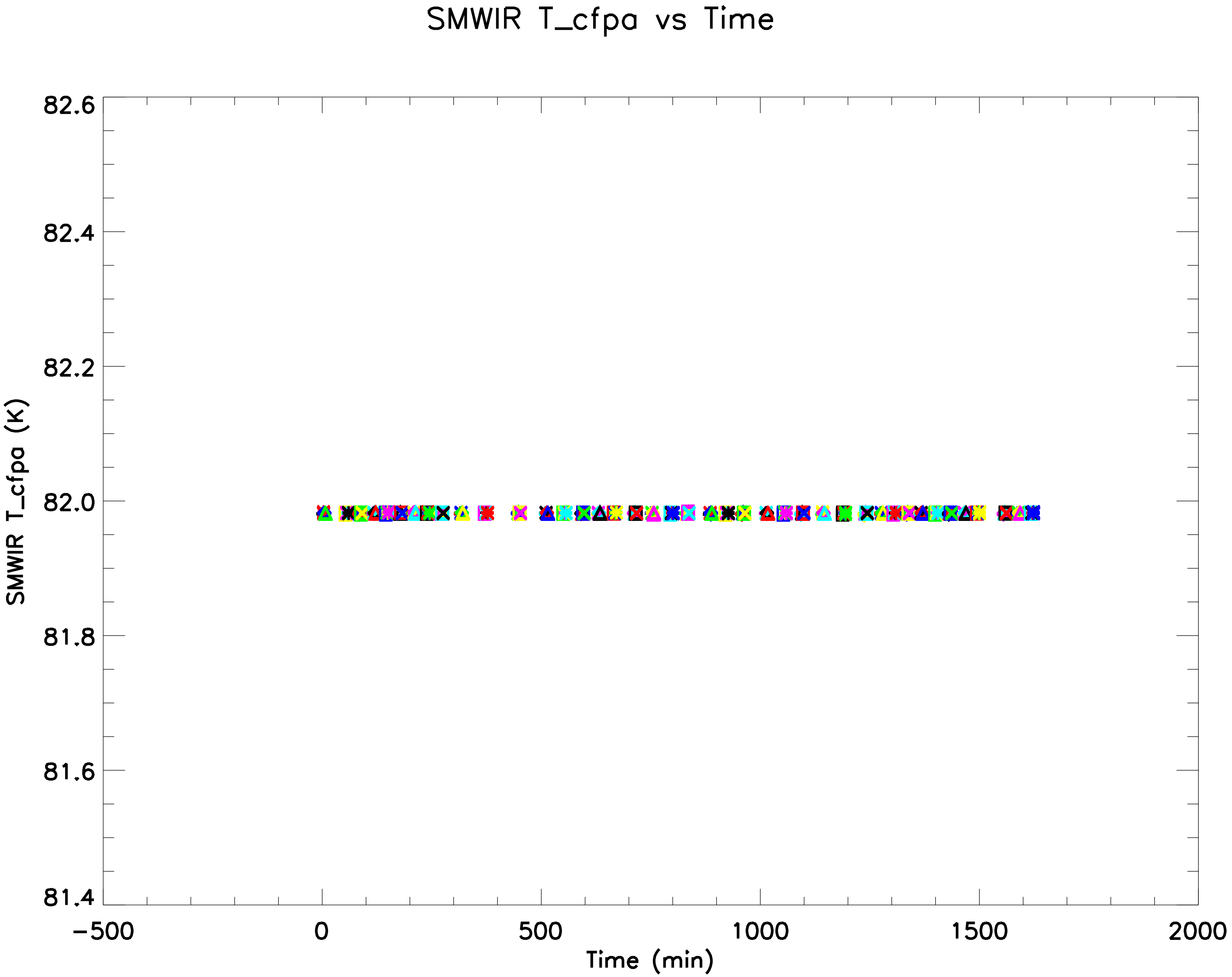

Collect=152
274.02
274.00
273.98
273.96
273.94
273.92
273.90
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

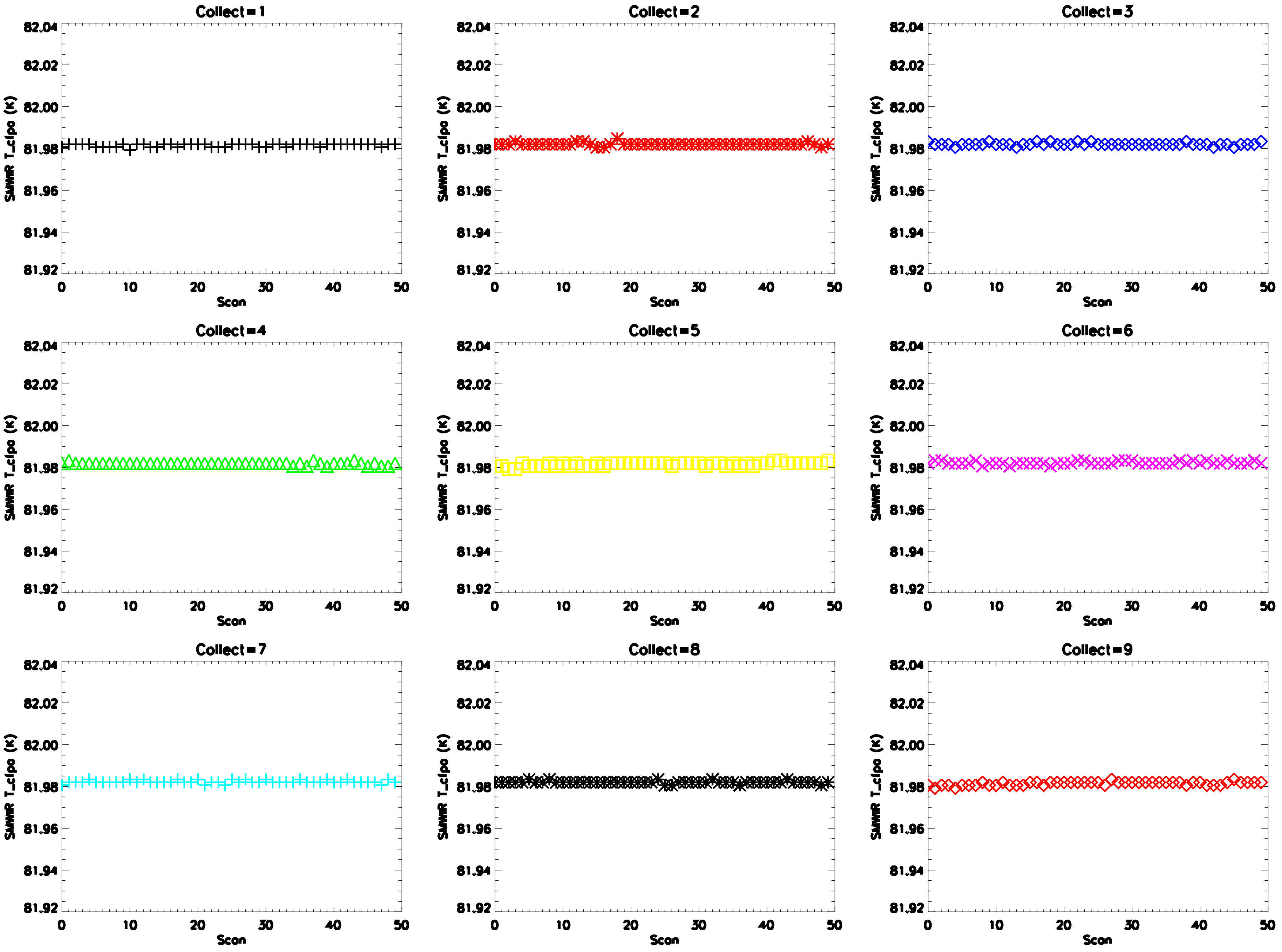

Collect=153
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
VisNIR T_lpo (K)
0
10
20
30
40
50
Scan

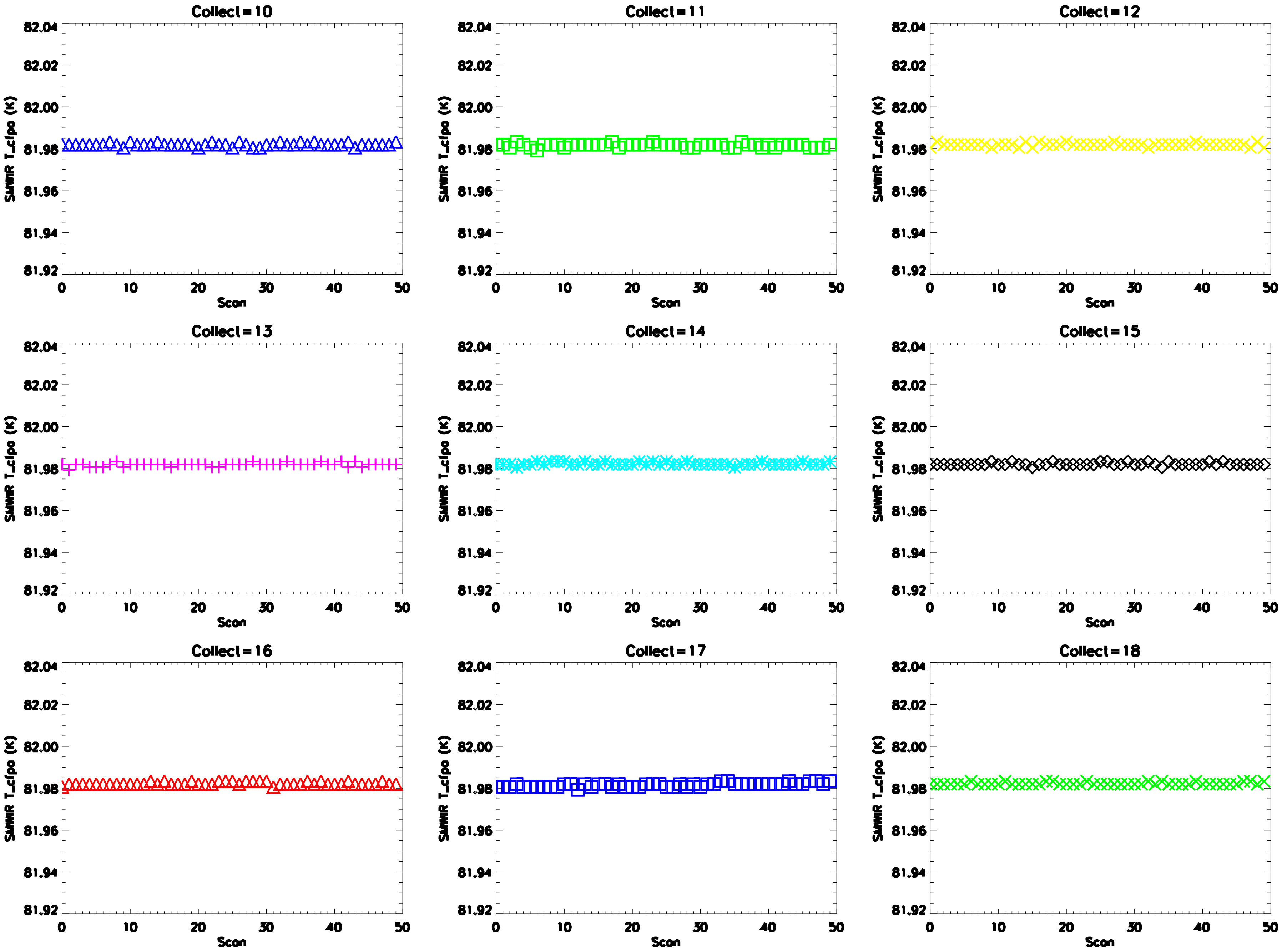

Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
VisNIR T_lpo (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
10
20
30
40
50
Scan

VisNIR T_fpa vs Scan

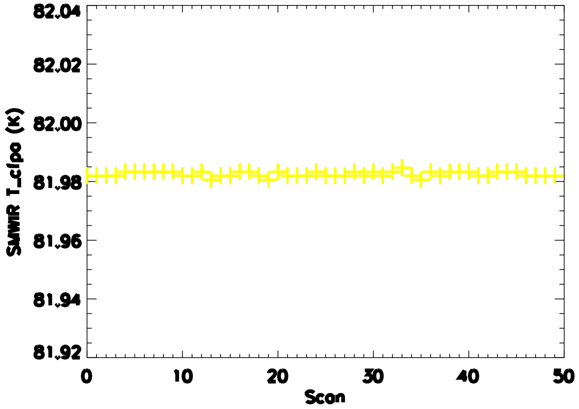



SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
82.6
82.4
82.2
82.0
81.8
81.6
81.4
−500
0
500
1000
1500
2000
Time (min)

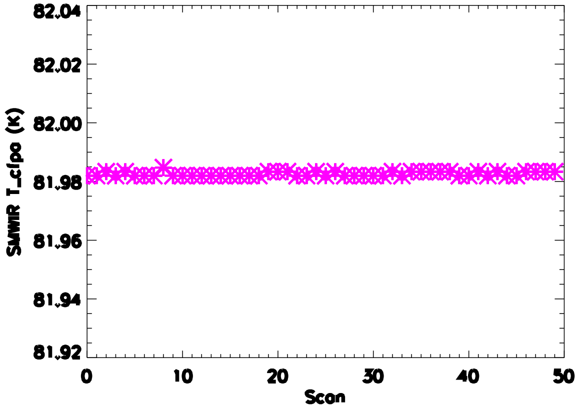

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan


Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

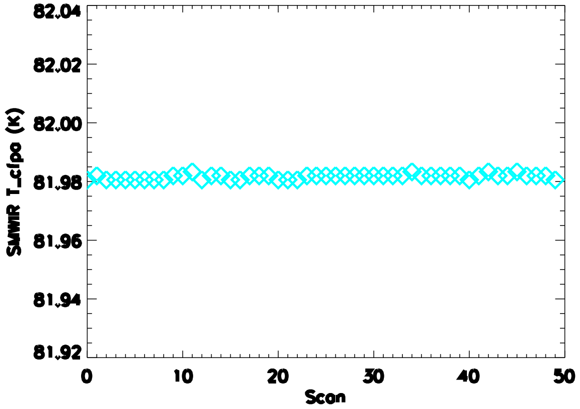
Collect=19



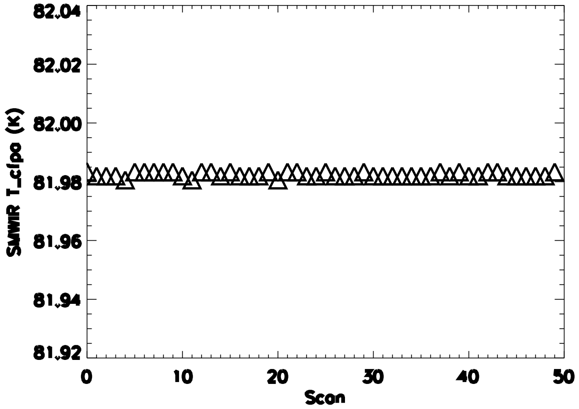
Collect=20



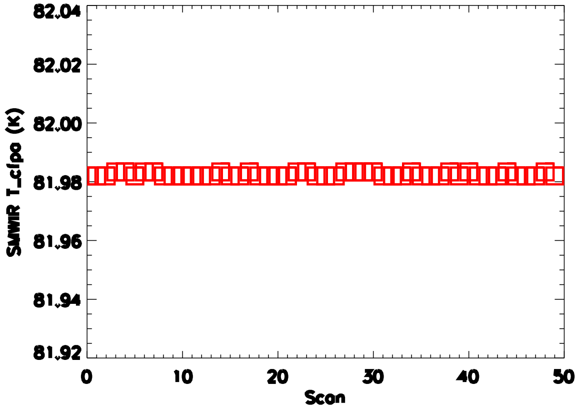
Collect=21



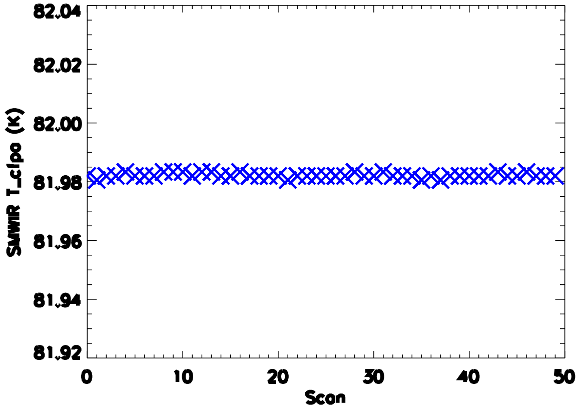
Collect=22



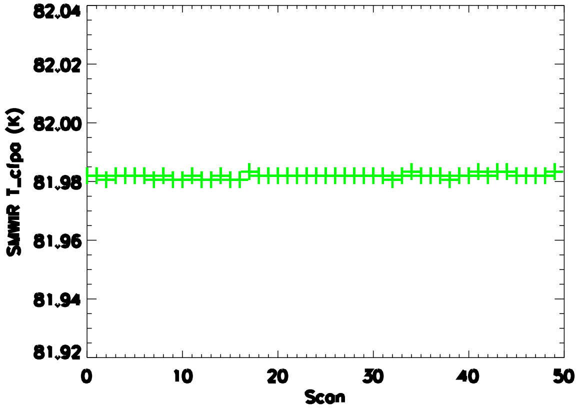
Collect=23



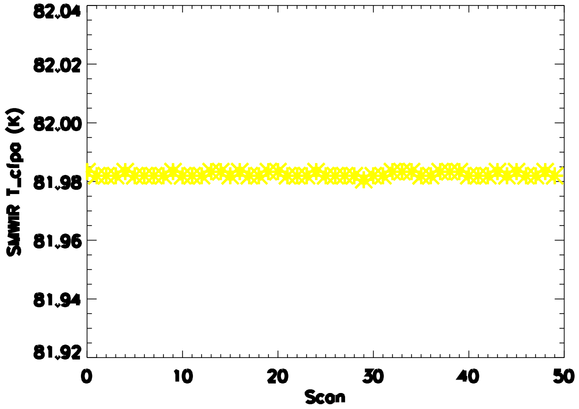
Collect=24



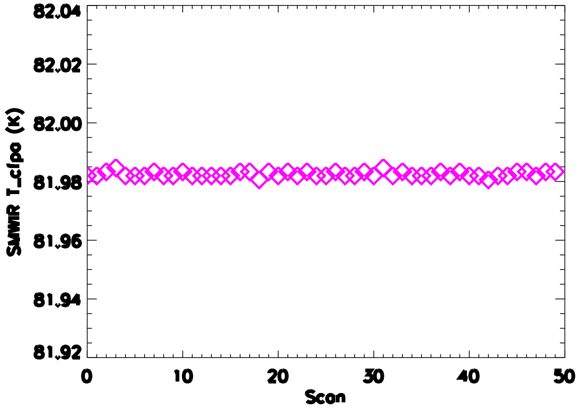
Collect=25

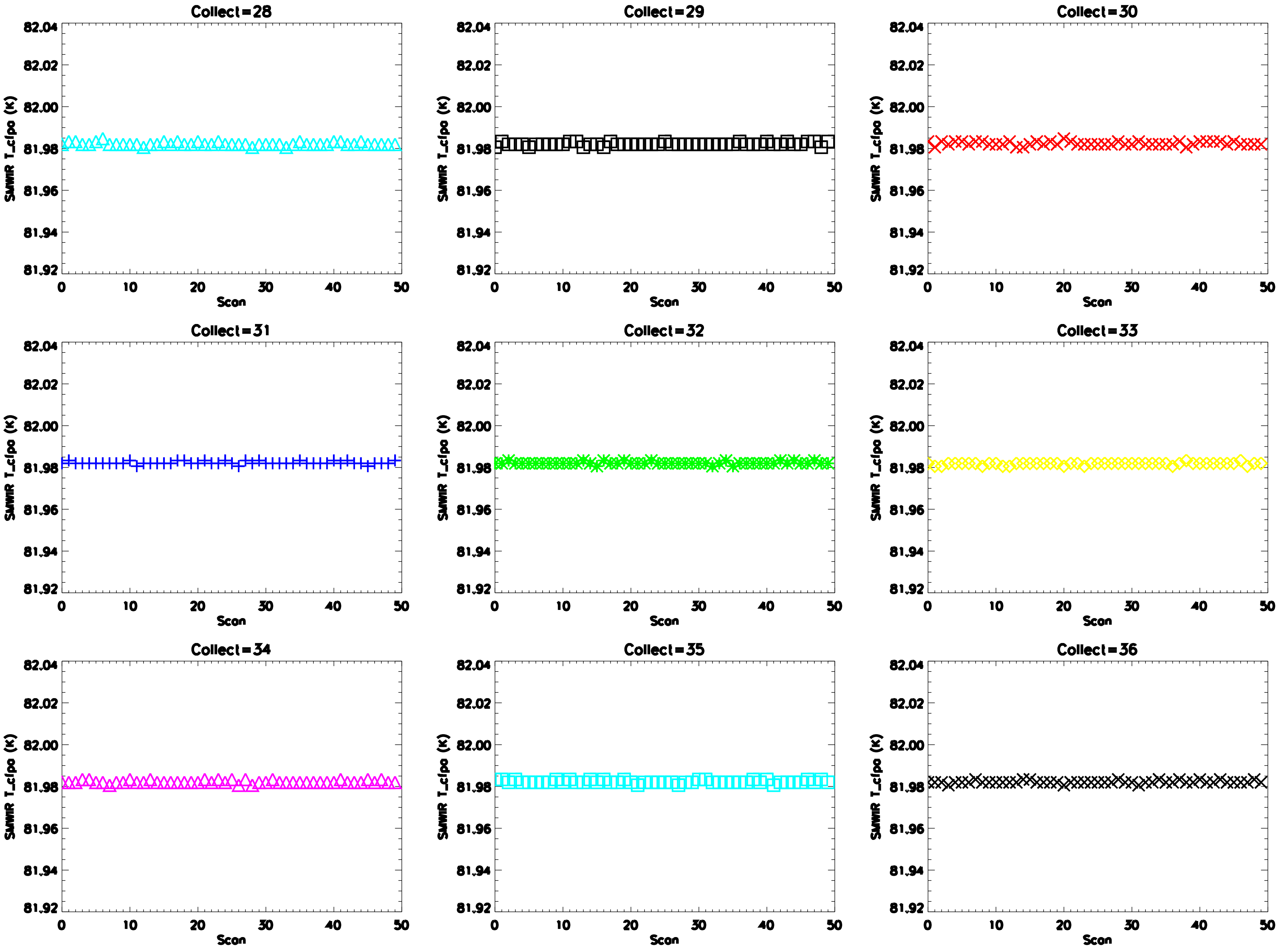


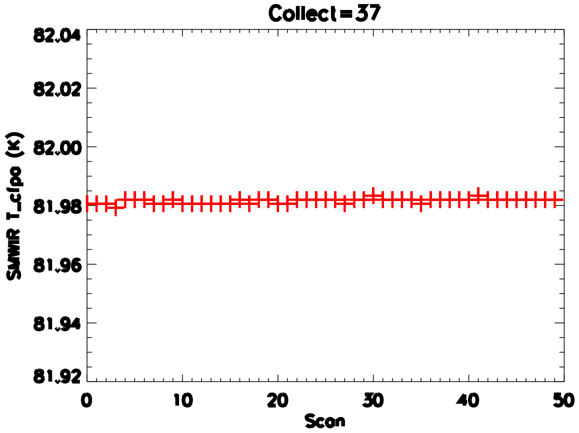
Collect=26

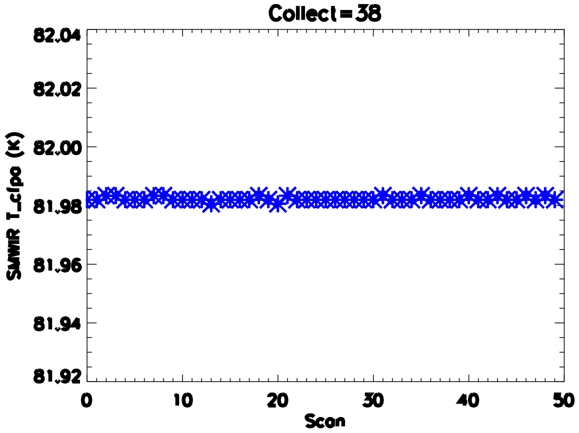


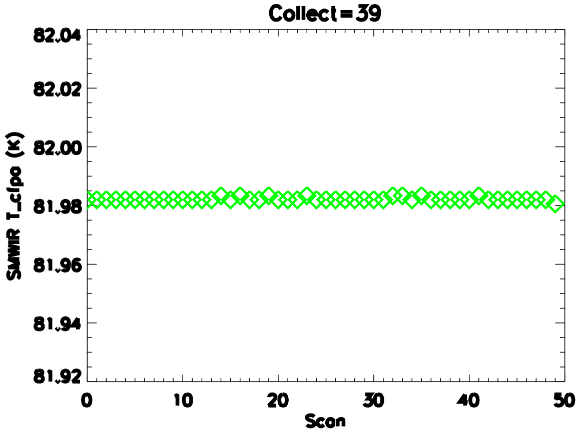
Collect=27

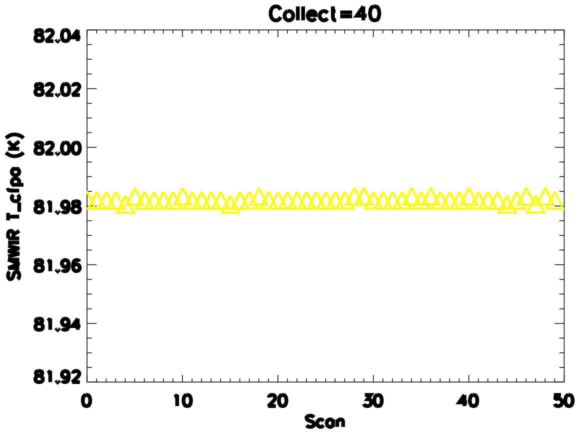


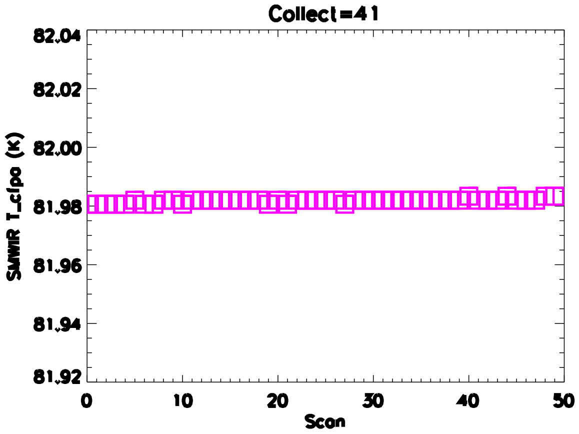

Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

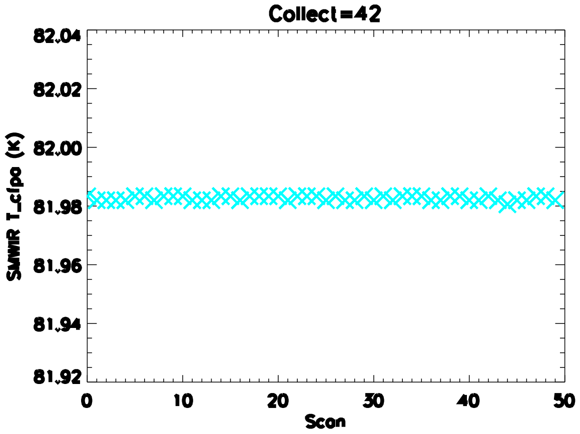

Collect=37
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

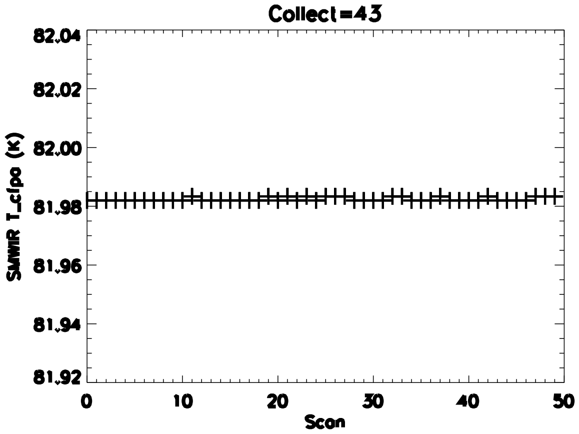

Collect=38
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

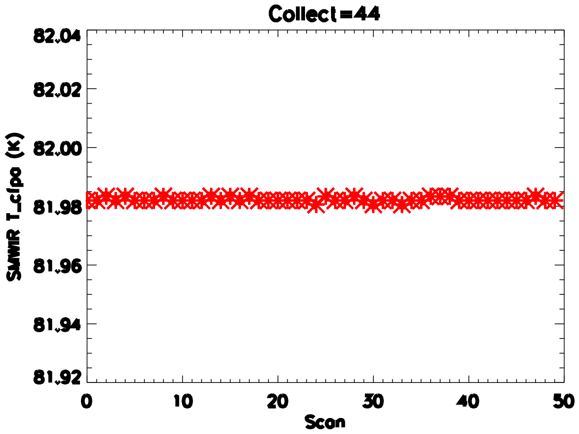

Collect=39
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

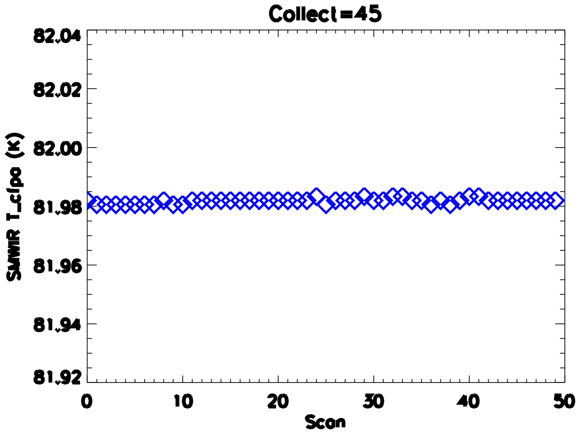

Collect=40
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

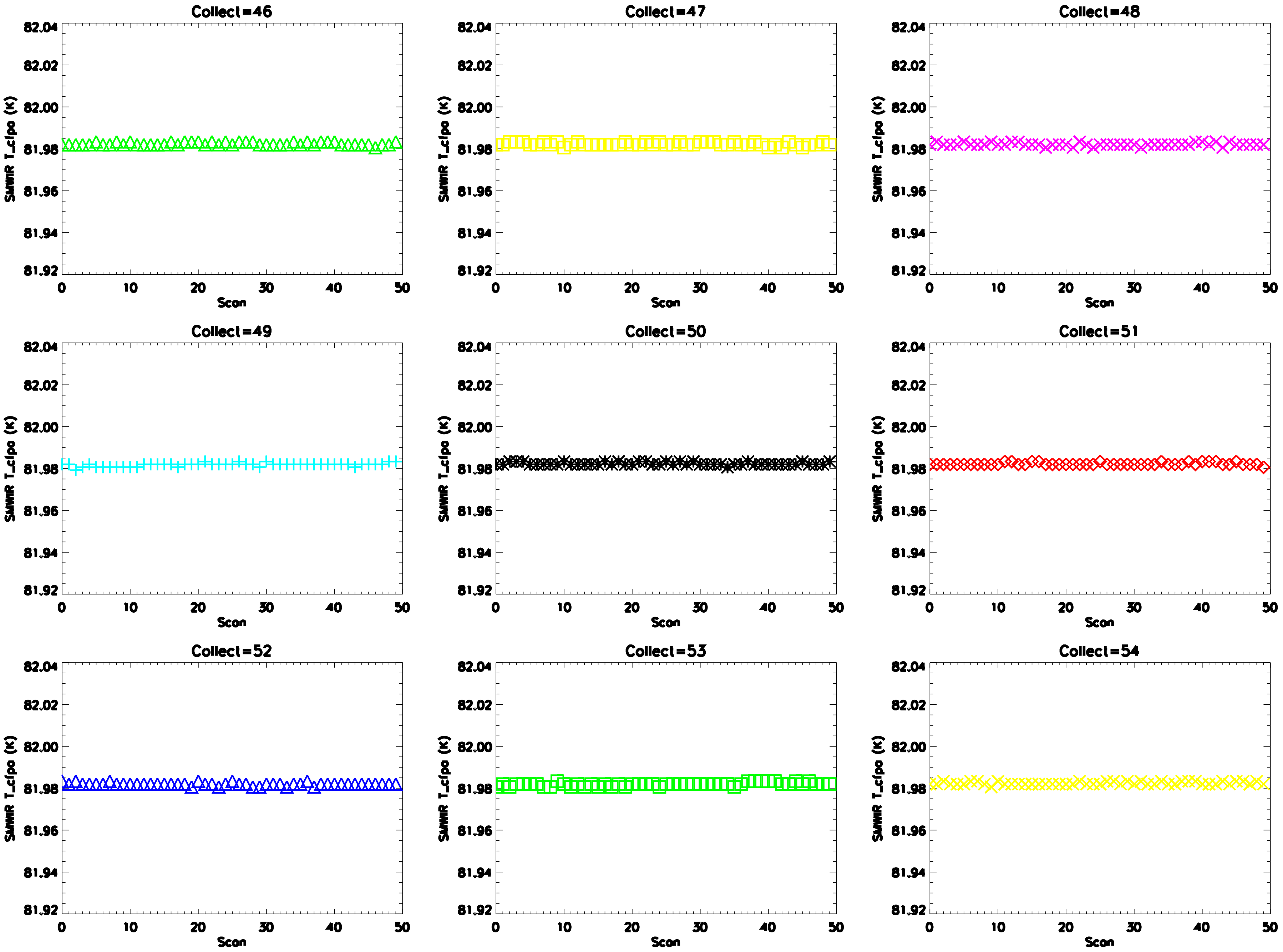

Collect=41
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

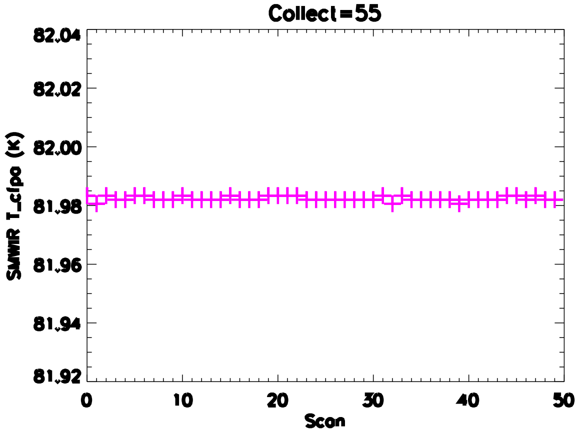

Collect=42
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

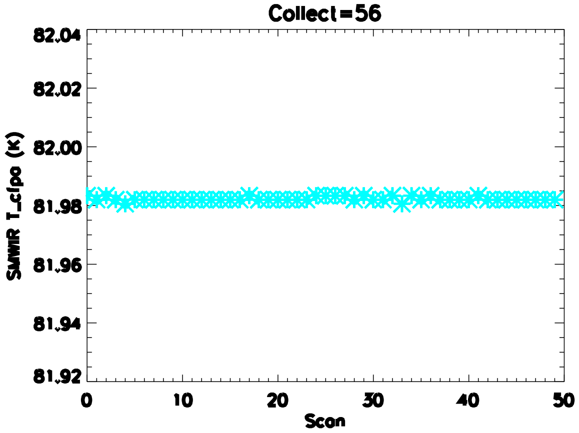

Collect=43
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

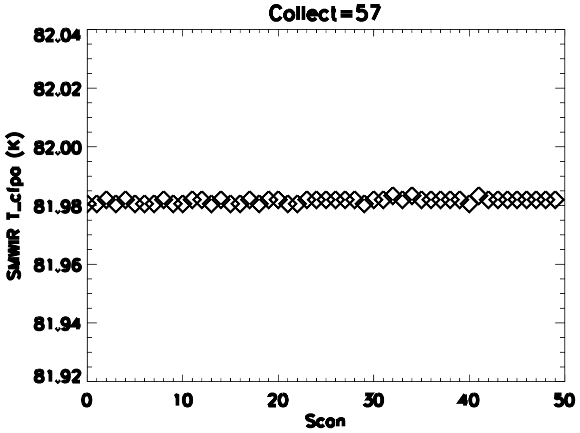

Collect=44
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

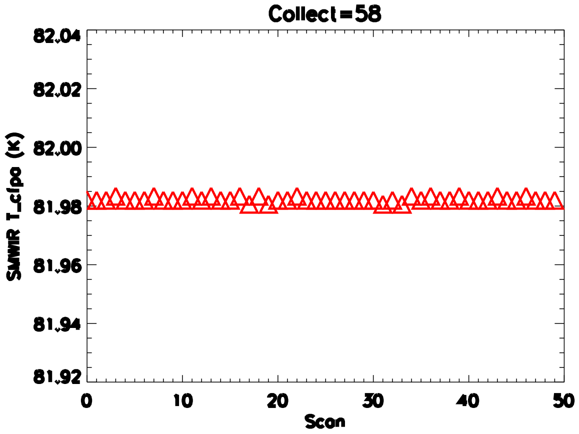

Collect=45
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

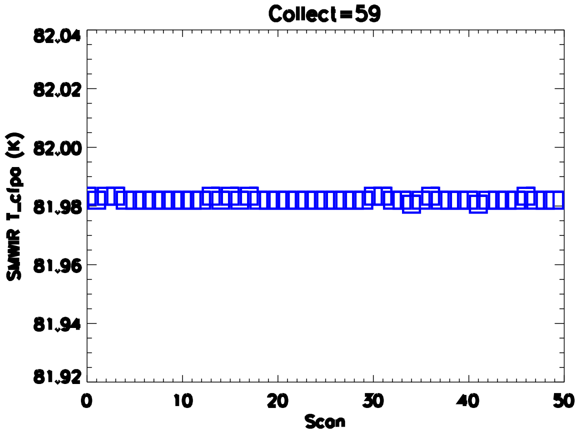

Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

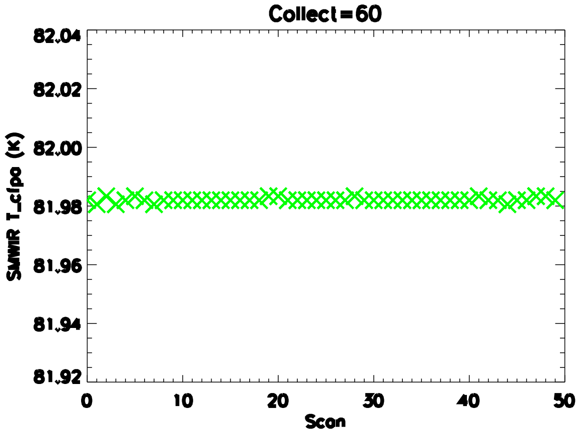

Collect=55
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

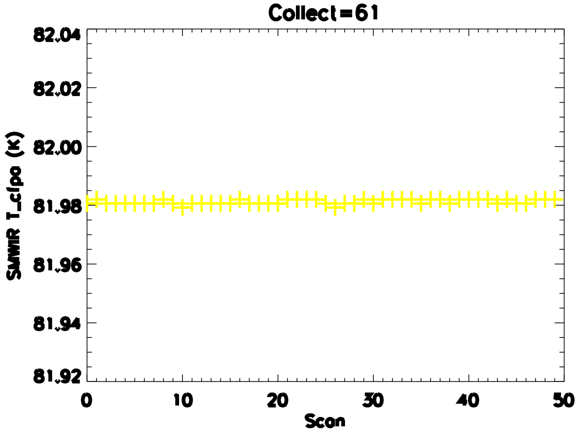

Collect=56
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

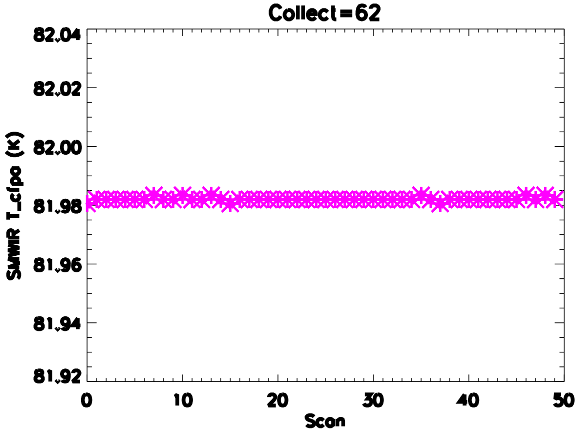

Collect=57
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

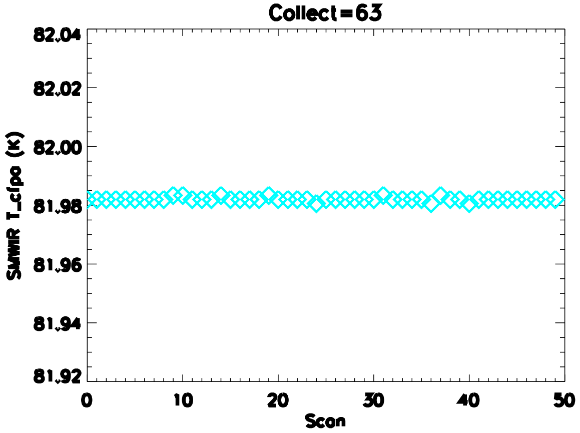

Collect=58
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

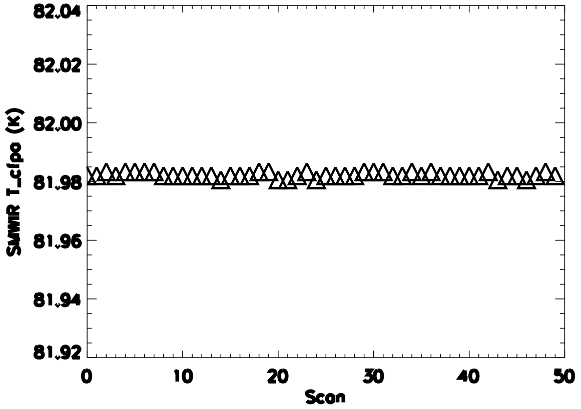

Collect=59
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

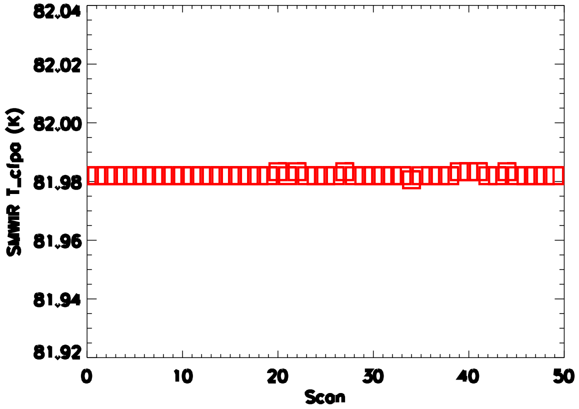

Collect=60
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

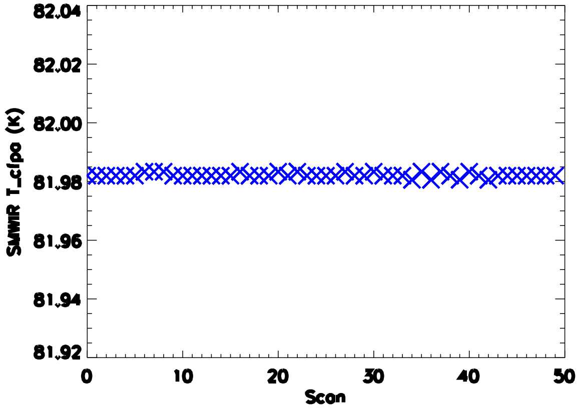

Collect=61
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

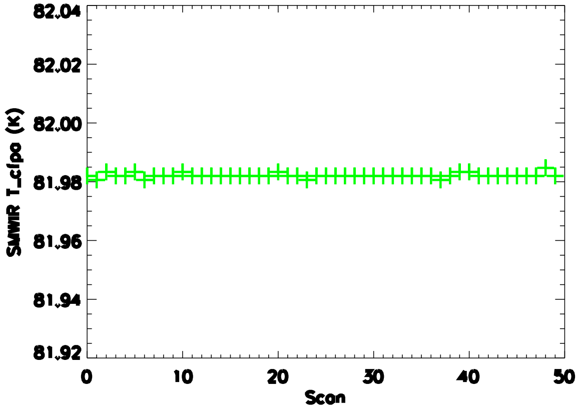

Collect=62
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

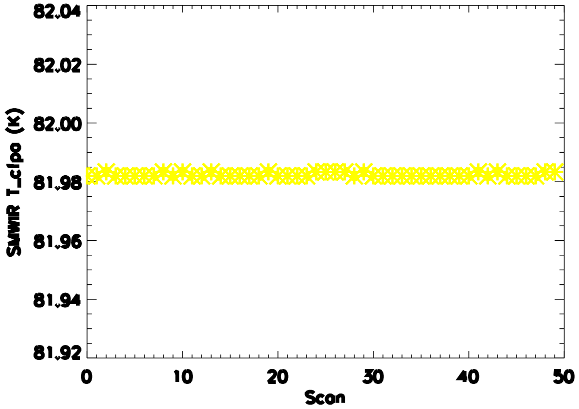

Collect=63
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

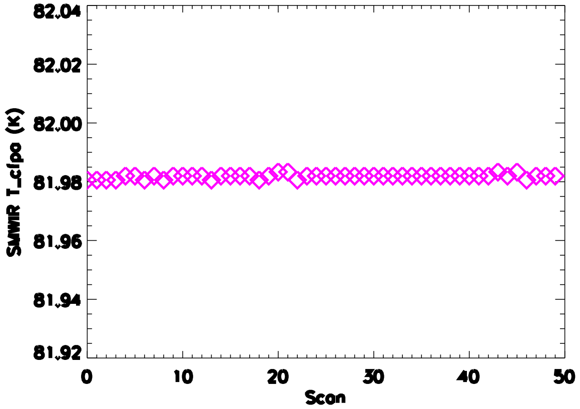

Collect=64

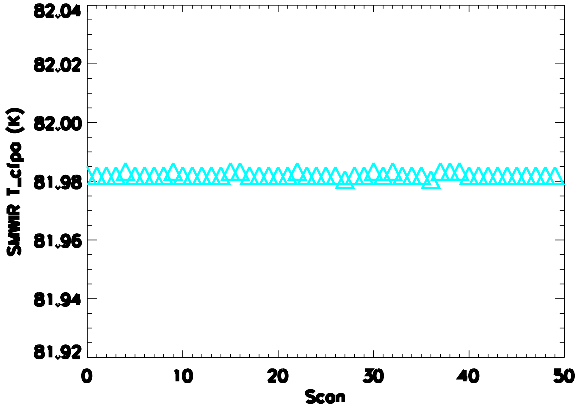

Collect=65

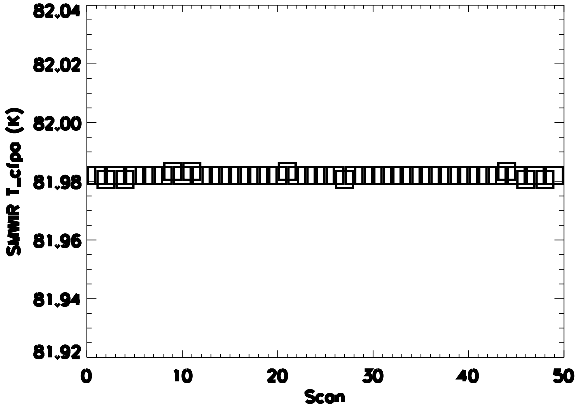

Collect=66

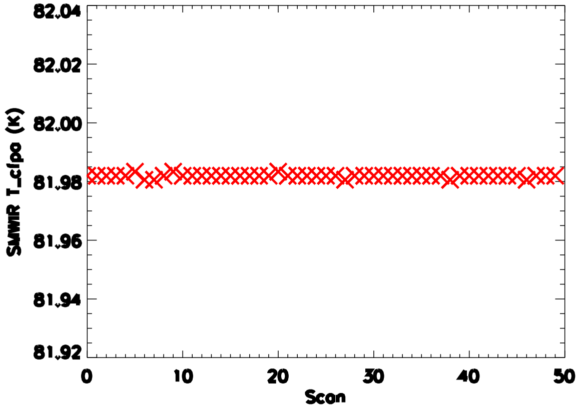

Collect=67

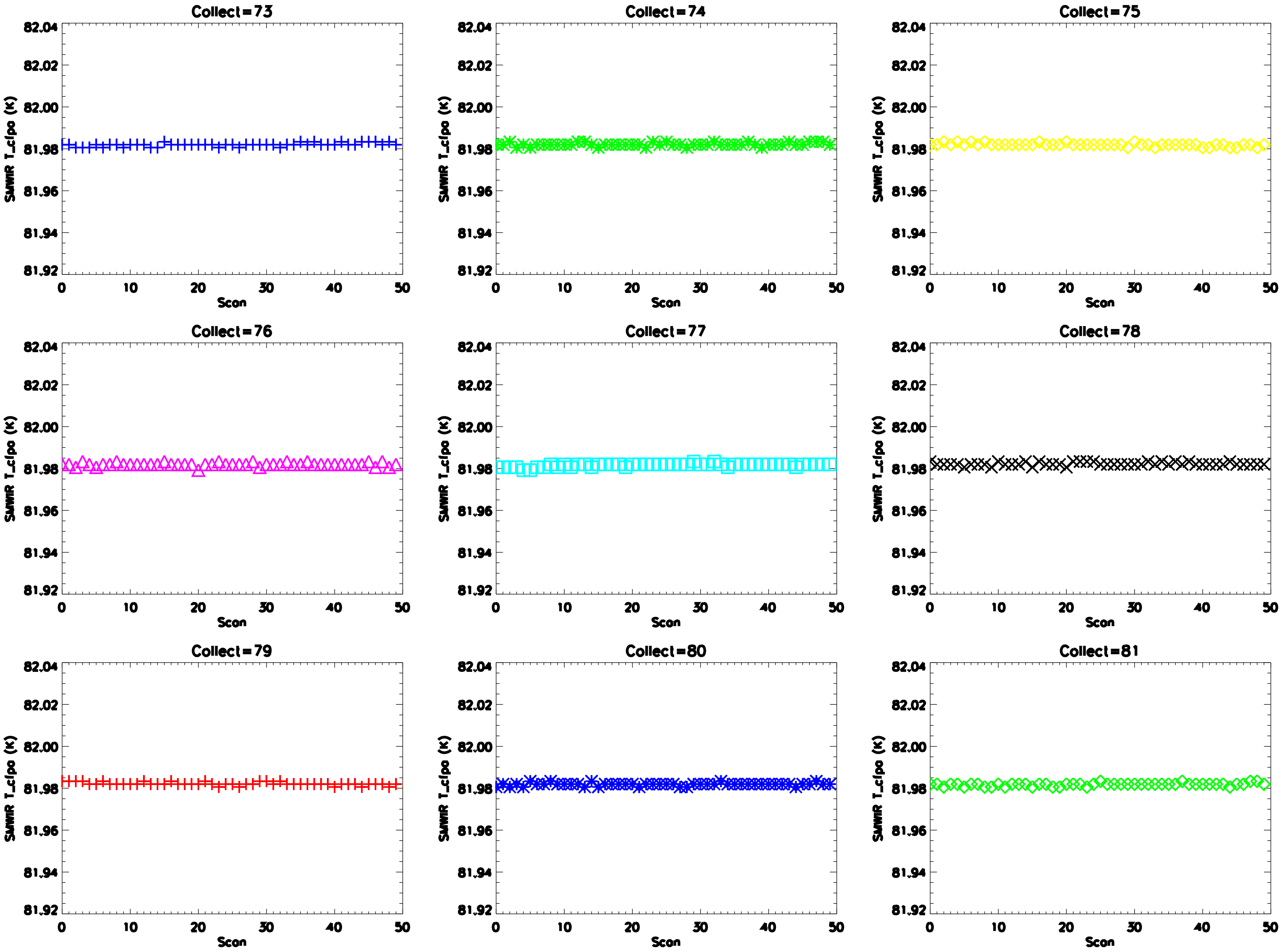

Collect=68

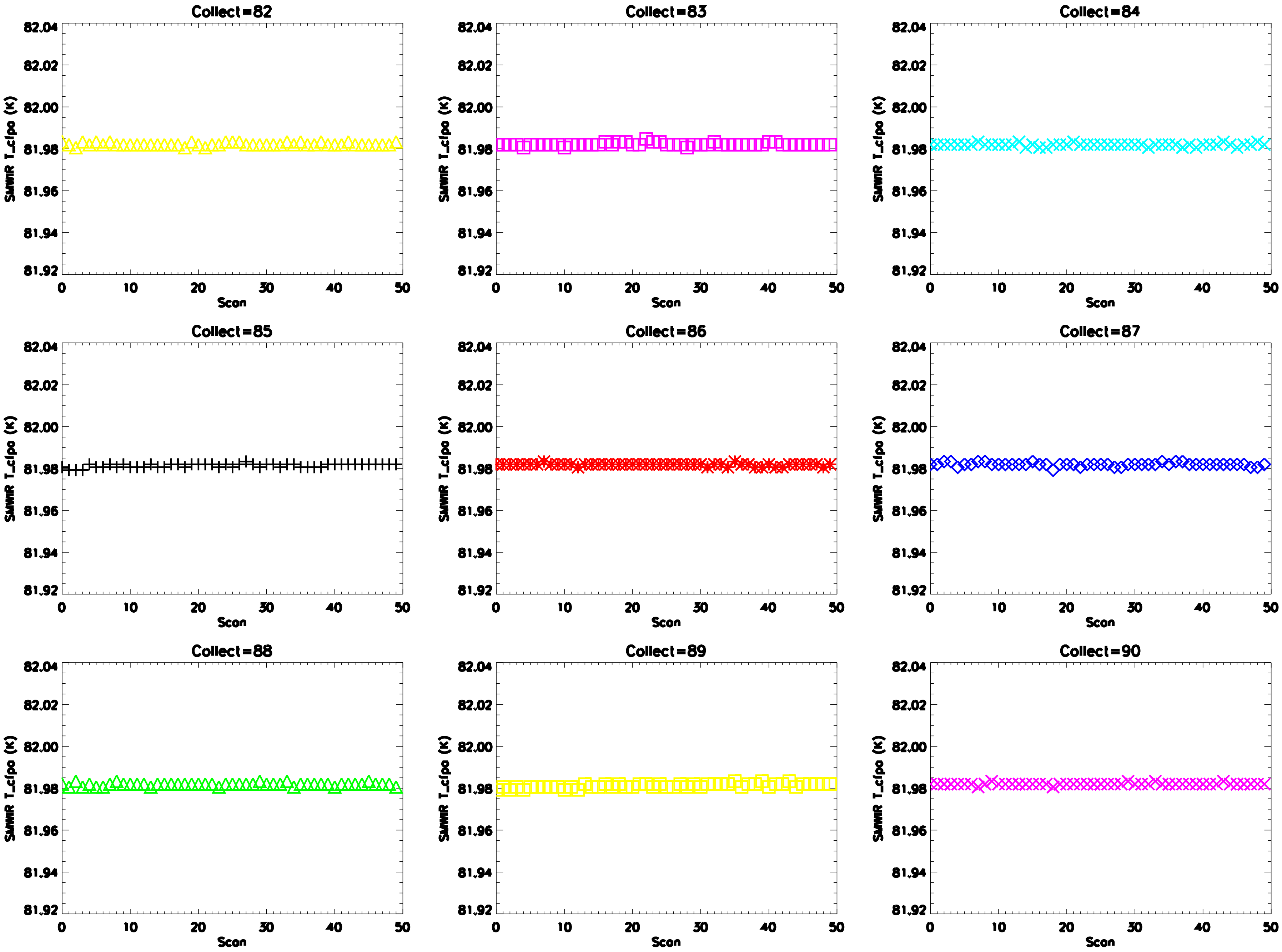

Collect=69

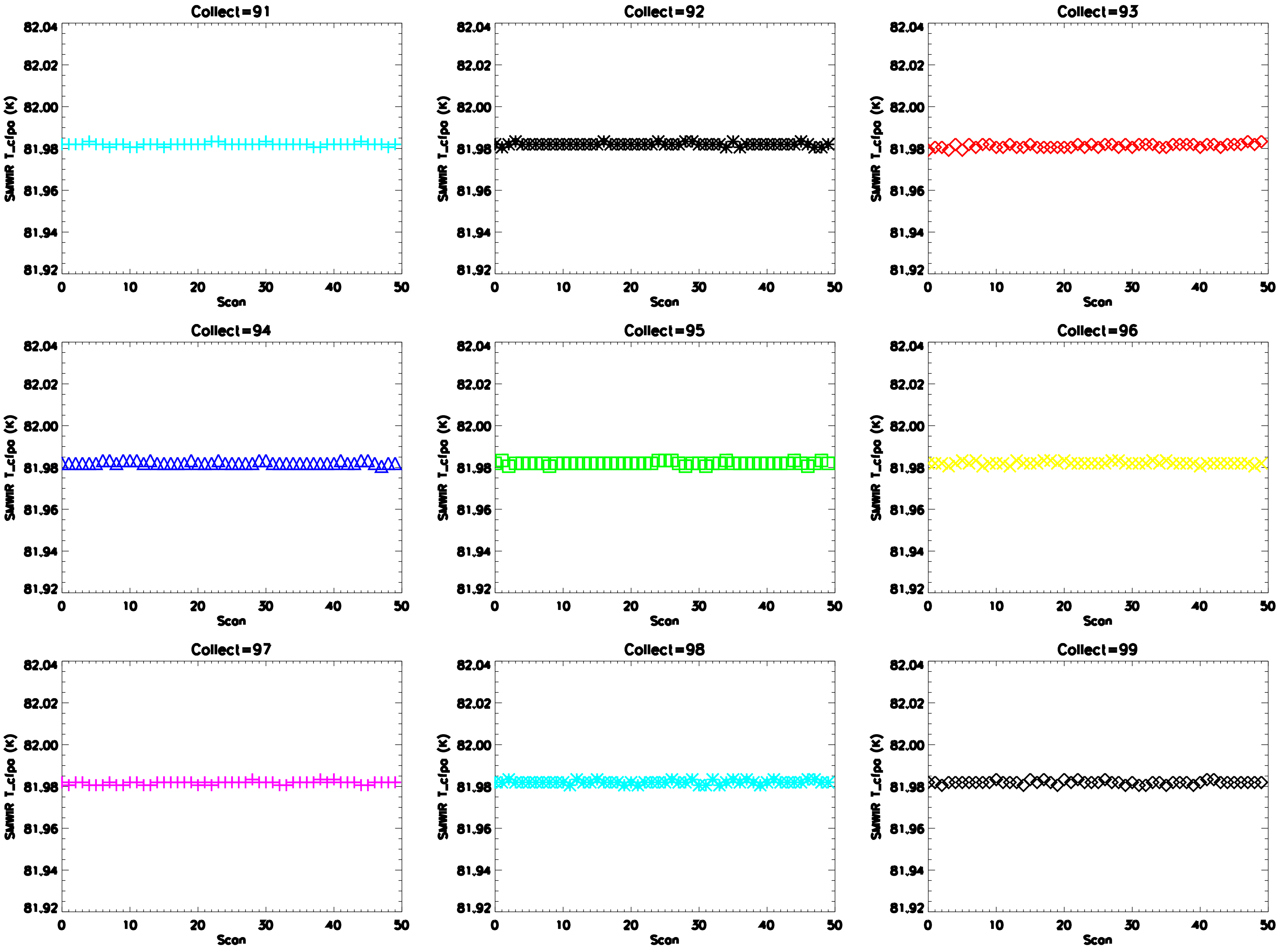

Collect=70

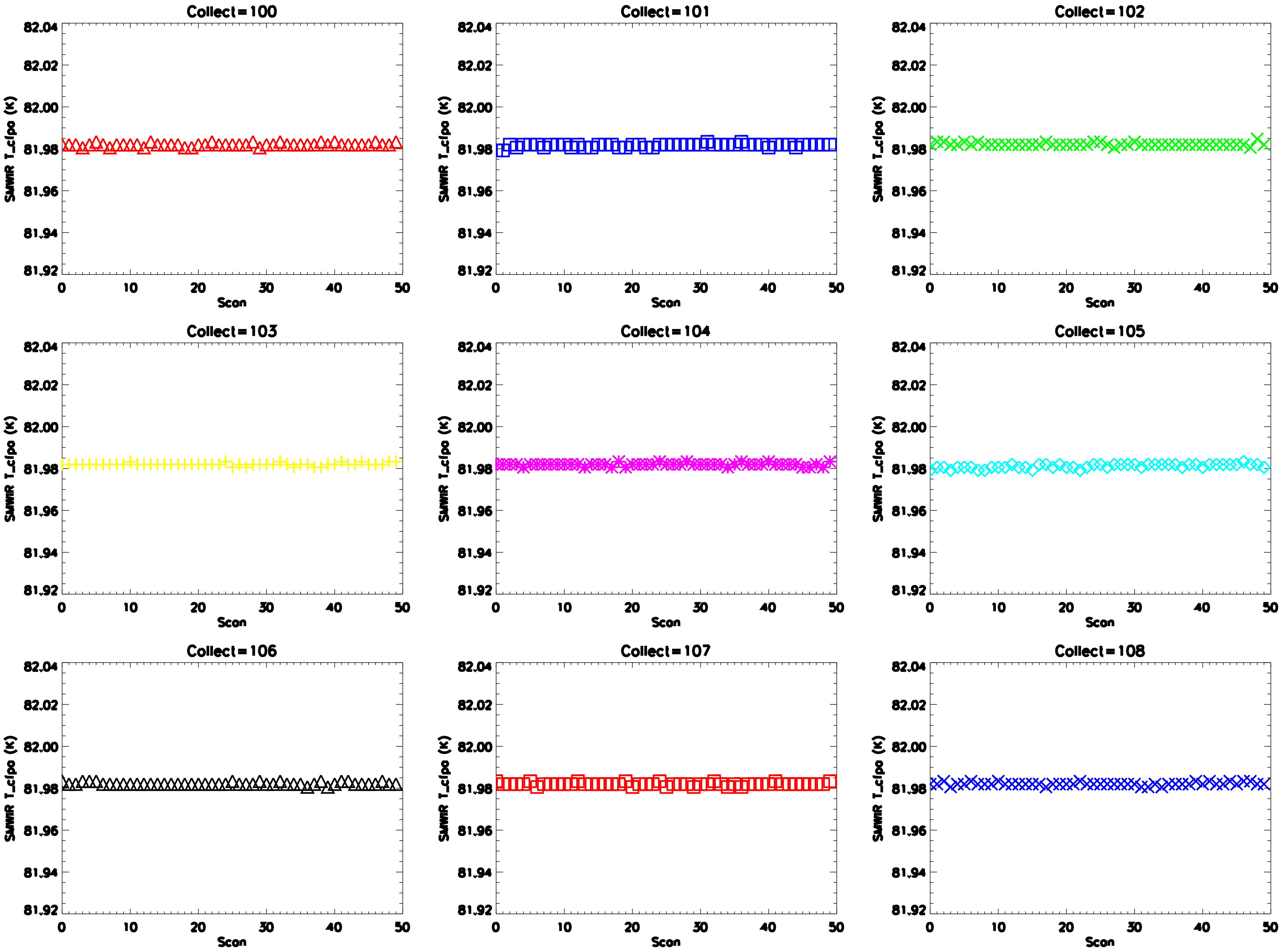

Collect=71

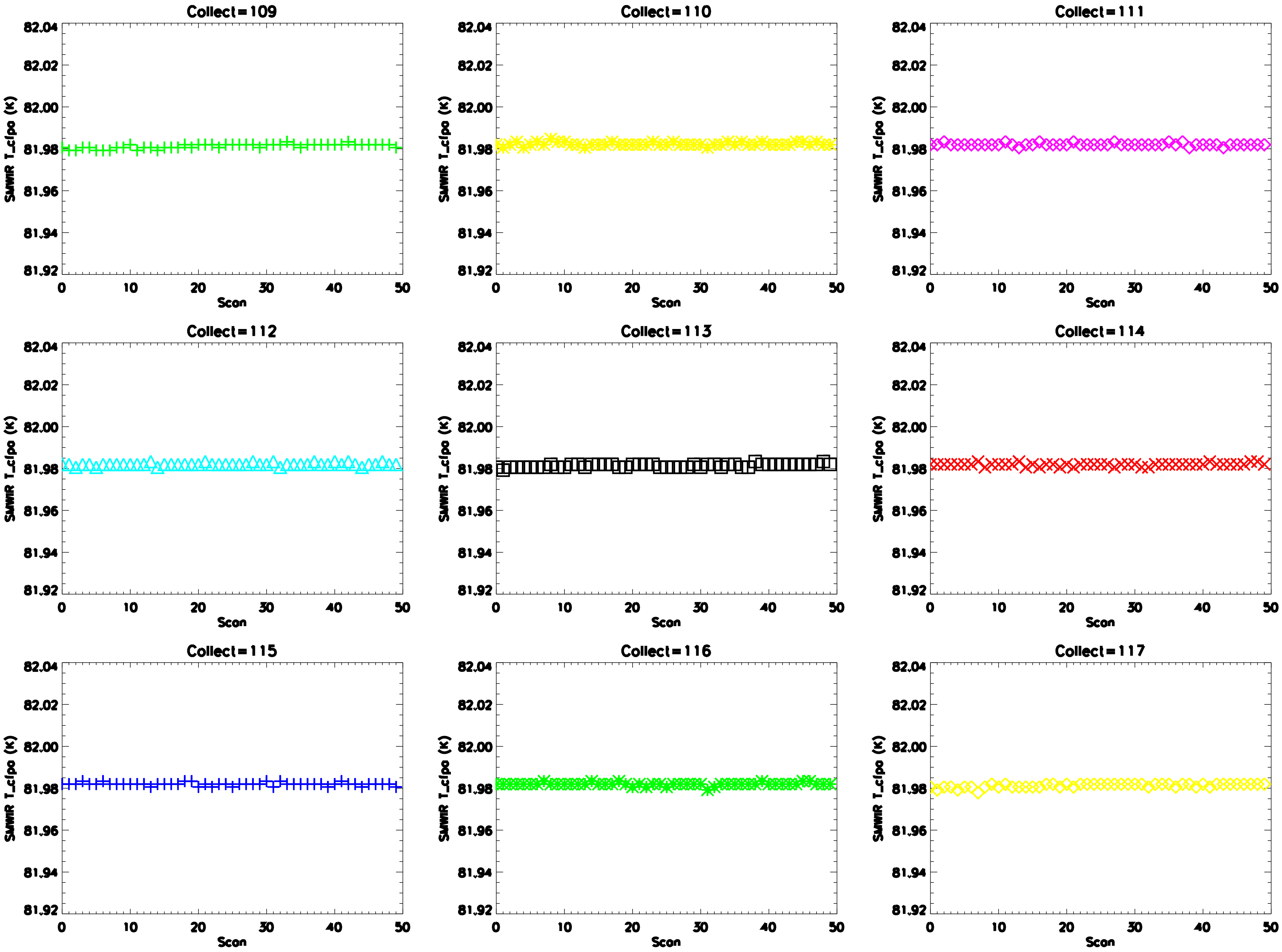

Collect=72


Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

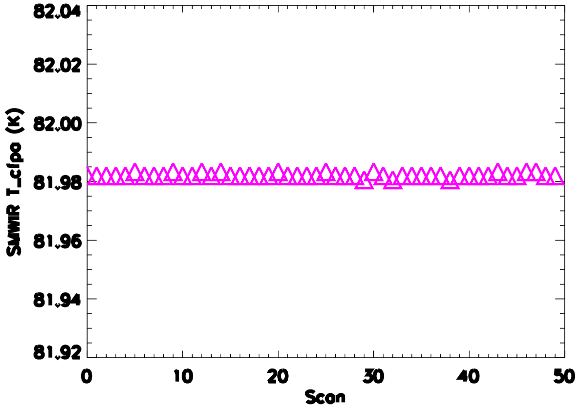

Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan


Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
SMMR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

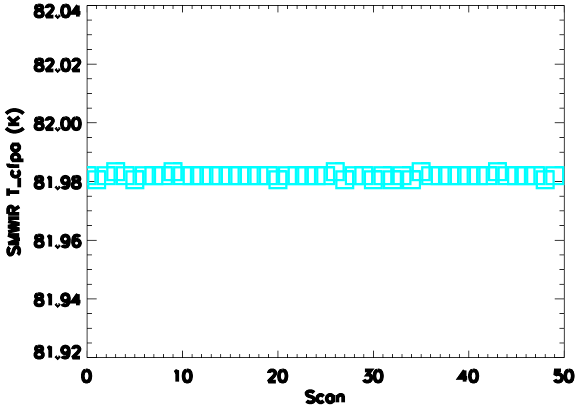

Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
SMWIR T_cfpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan


Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

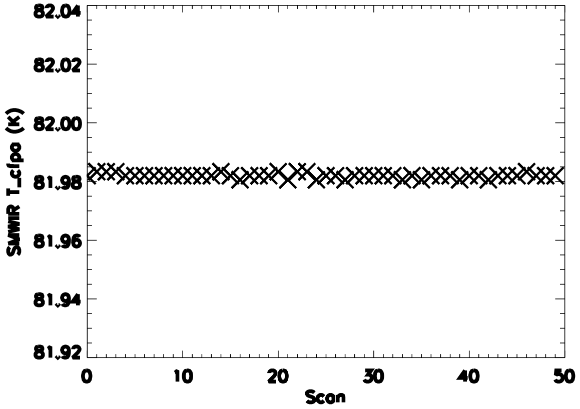
Collect=118



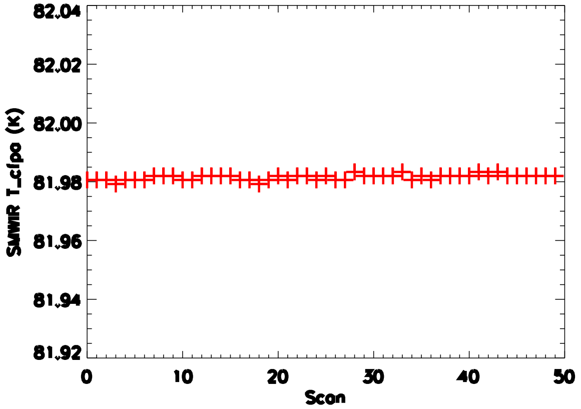
Collect=119



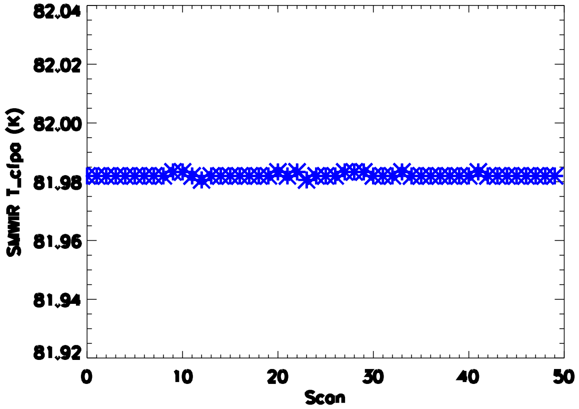
Collect=120



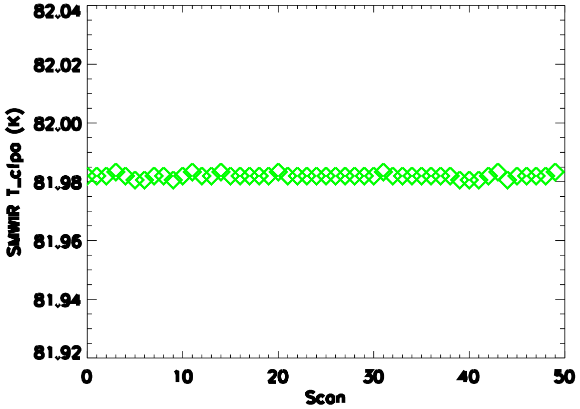
Collect=121



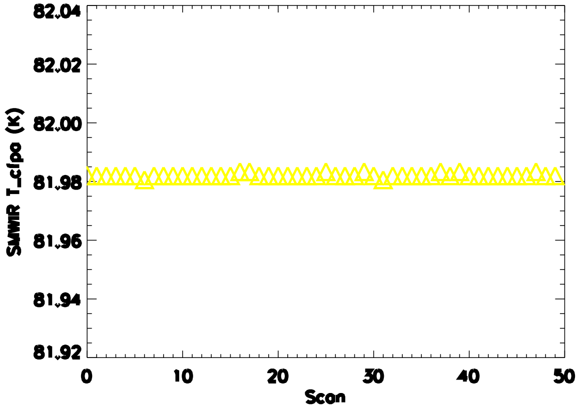
Collect=122



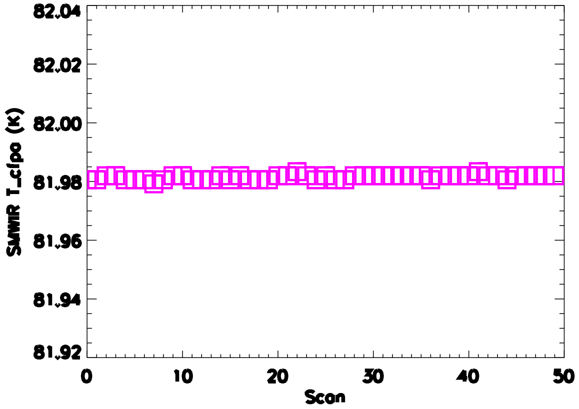
Collect=123



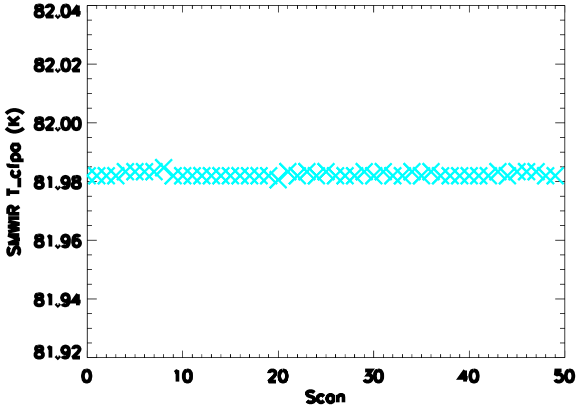
Collect=124

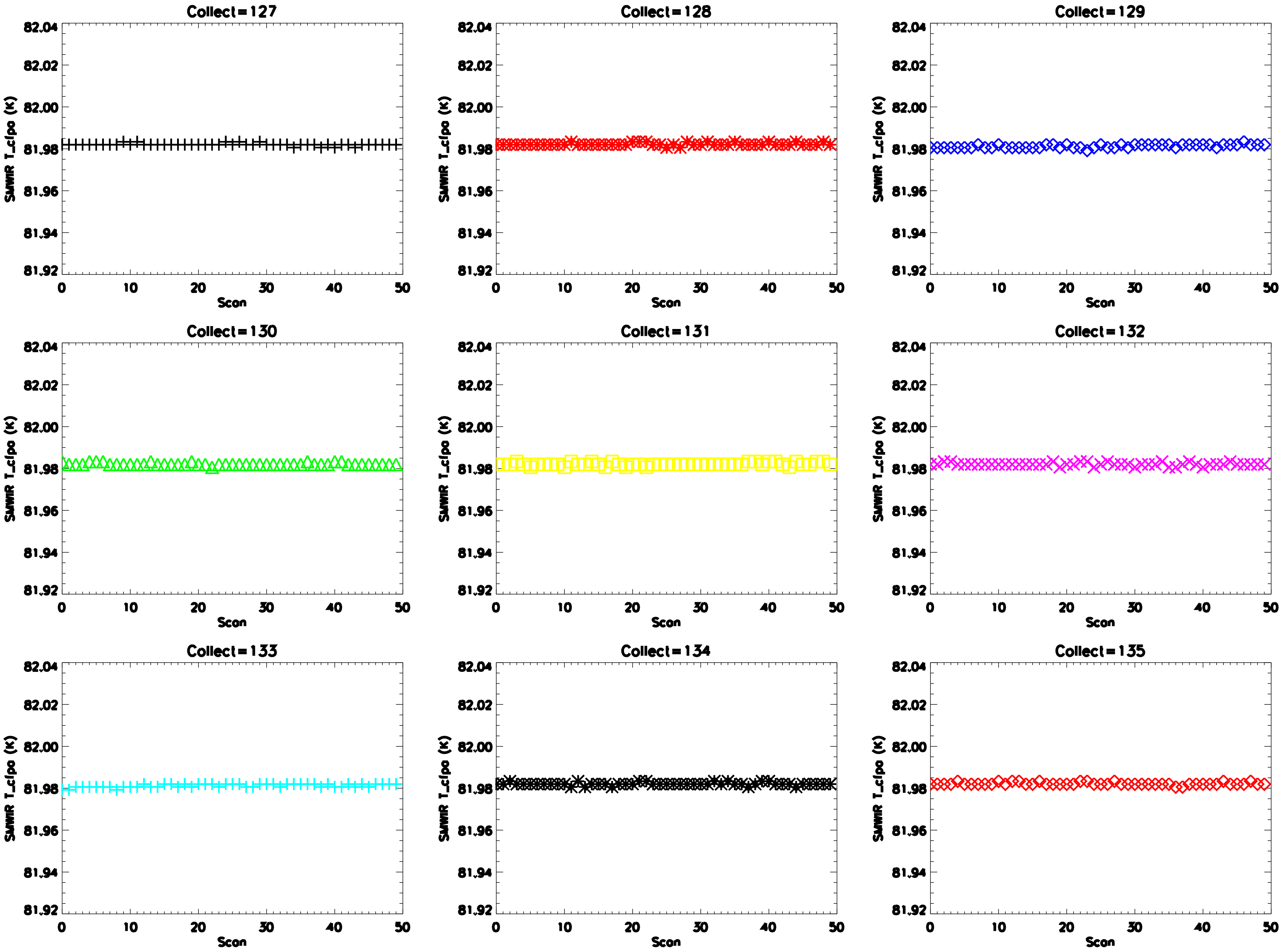


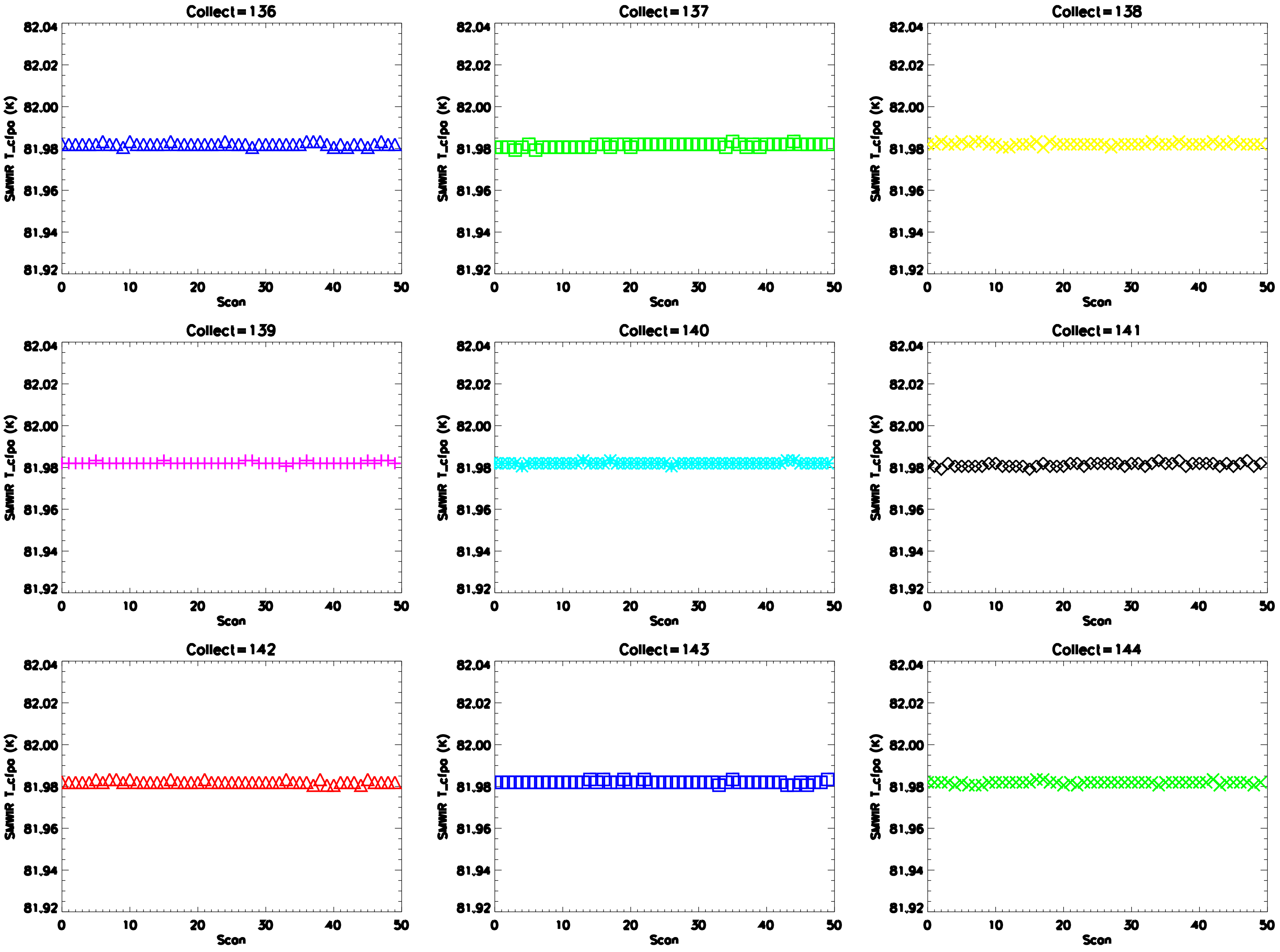
Collect=125



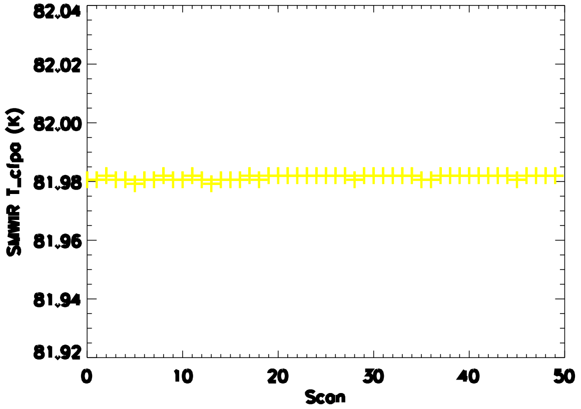
Collect=126



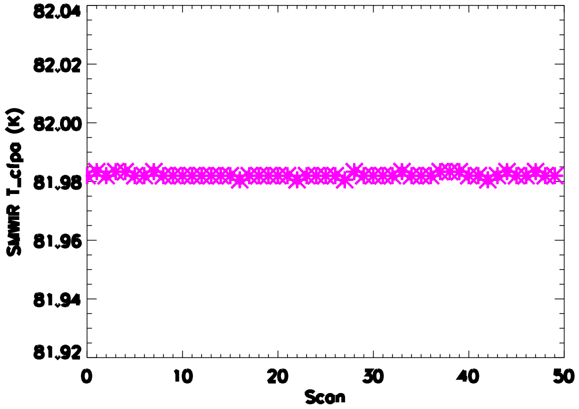

Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan


Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

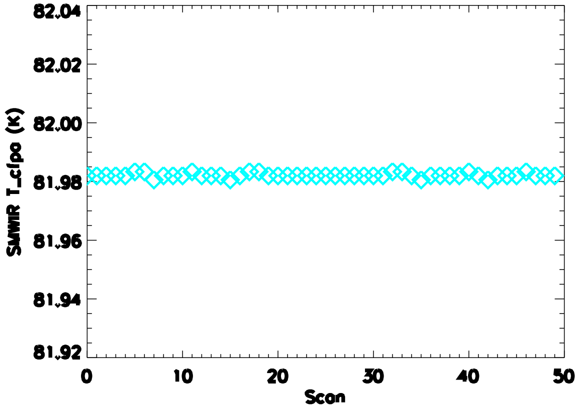
Collect=145



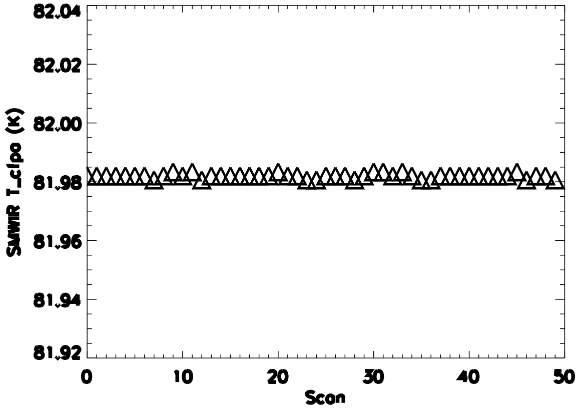
Collect=146



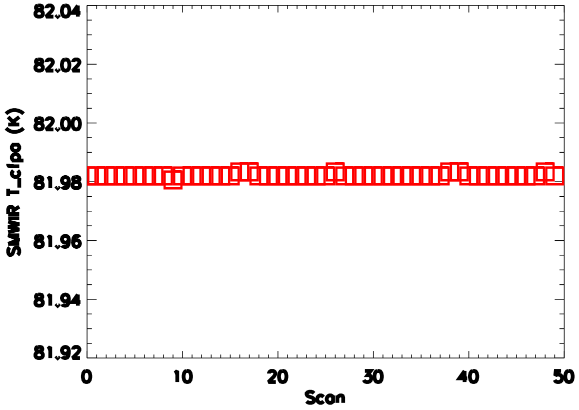
Collect=147



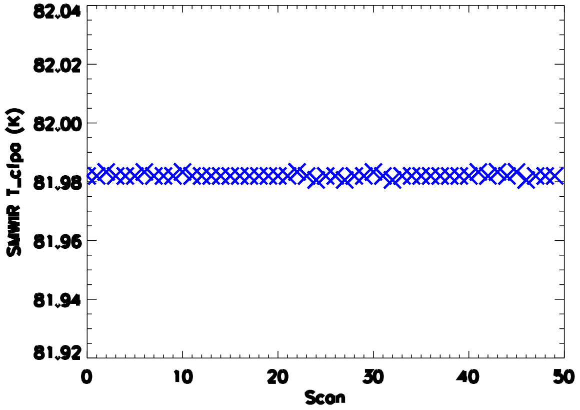
Collect=148



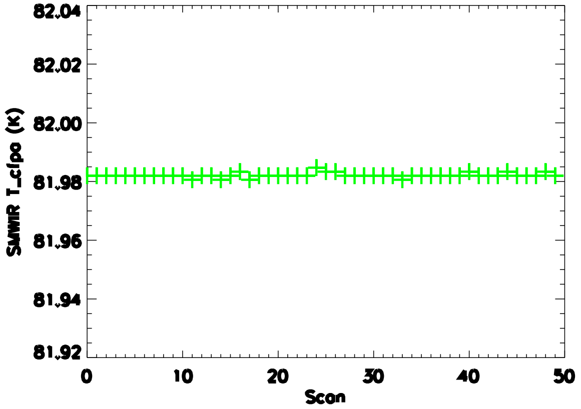
Collect=149



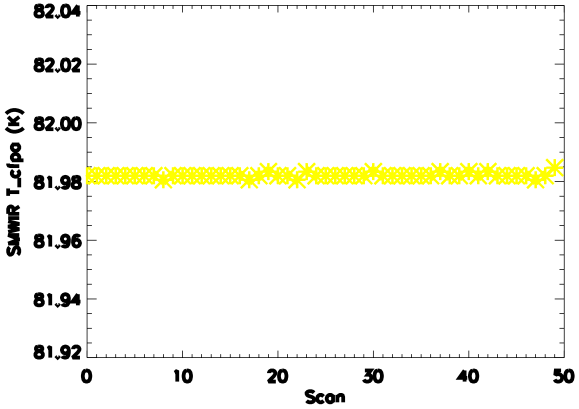
Collect=150



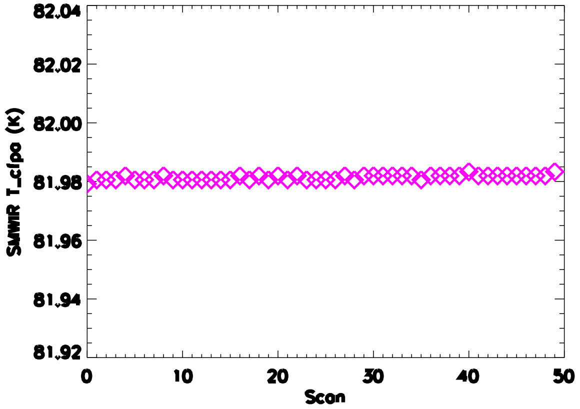
Collect=151

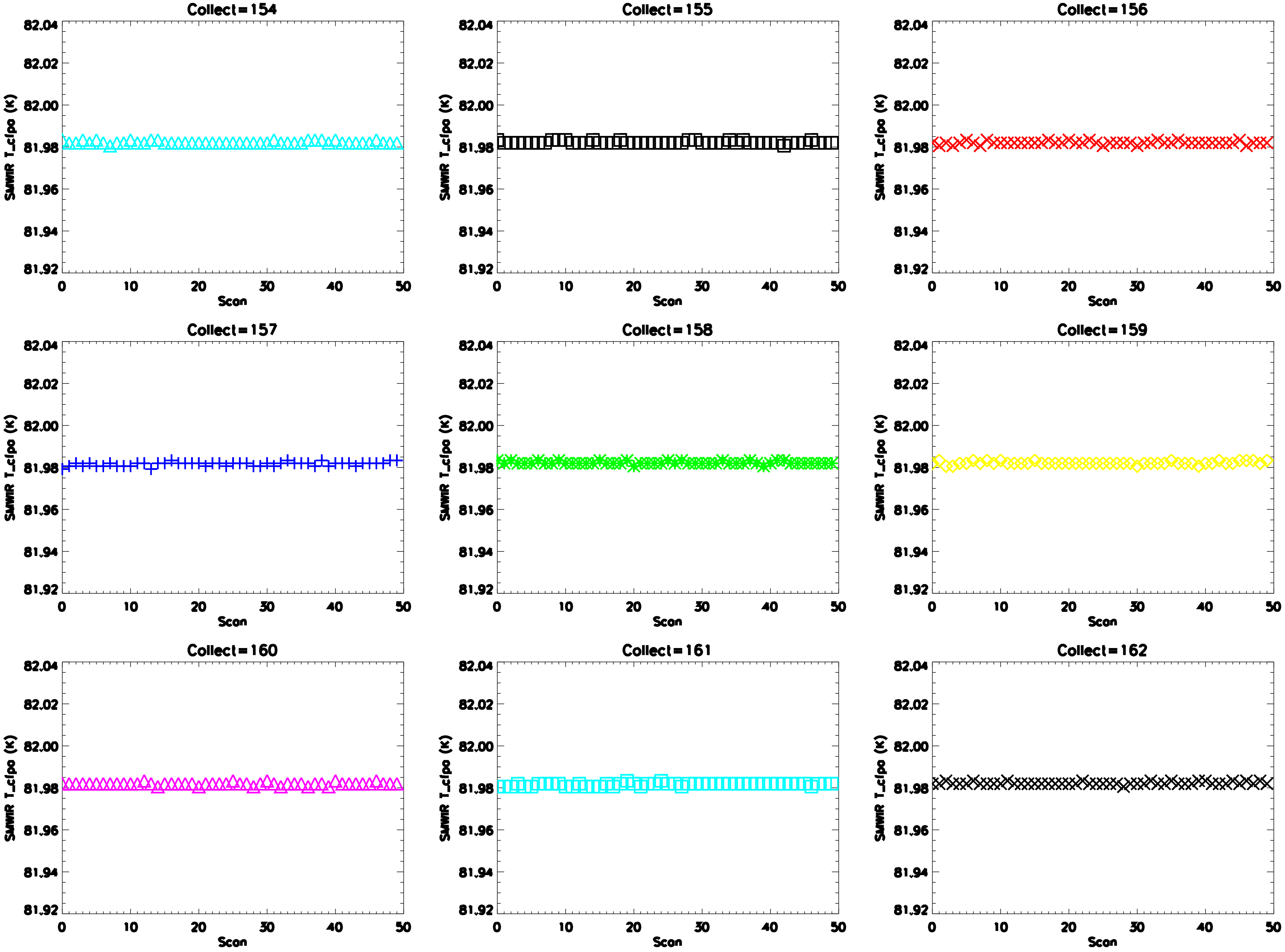


Collect=152

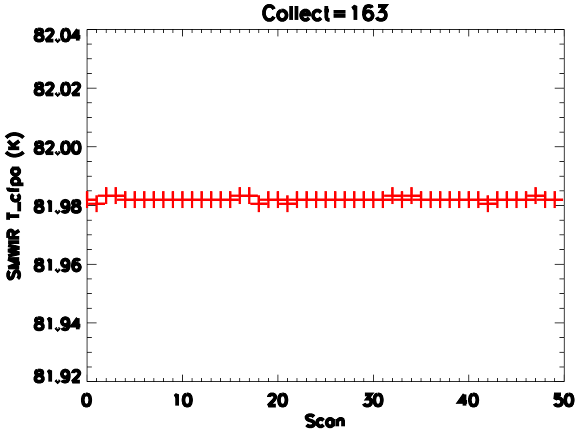


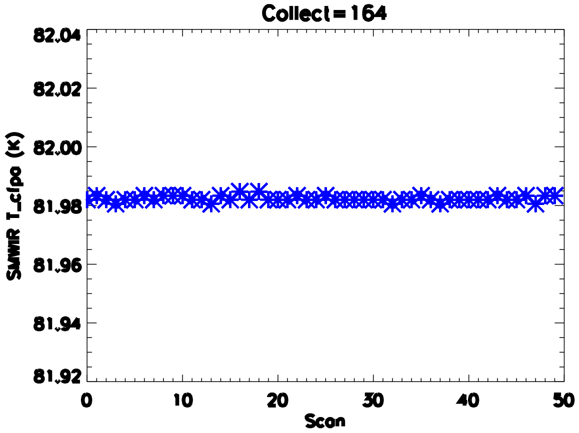
Collect=153



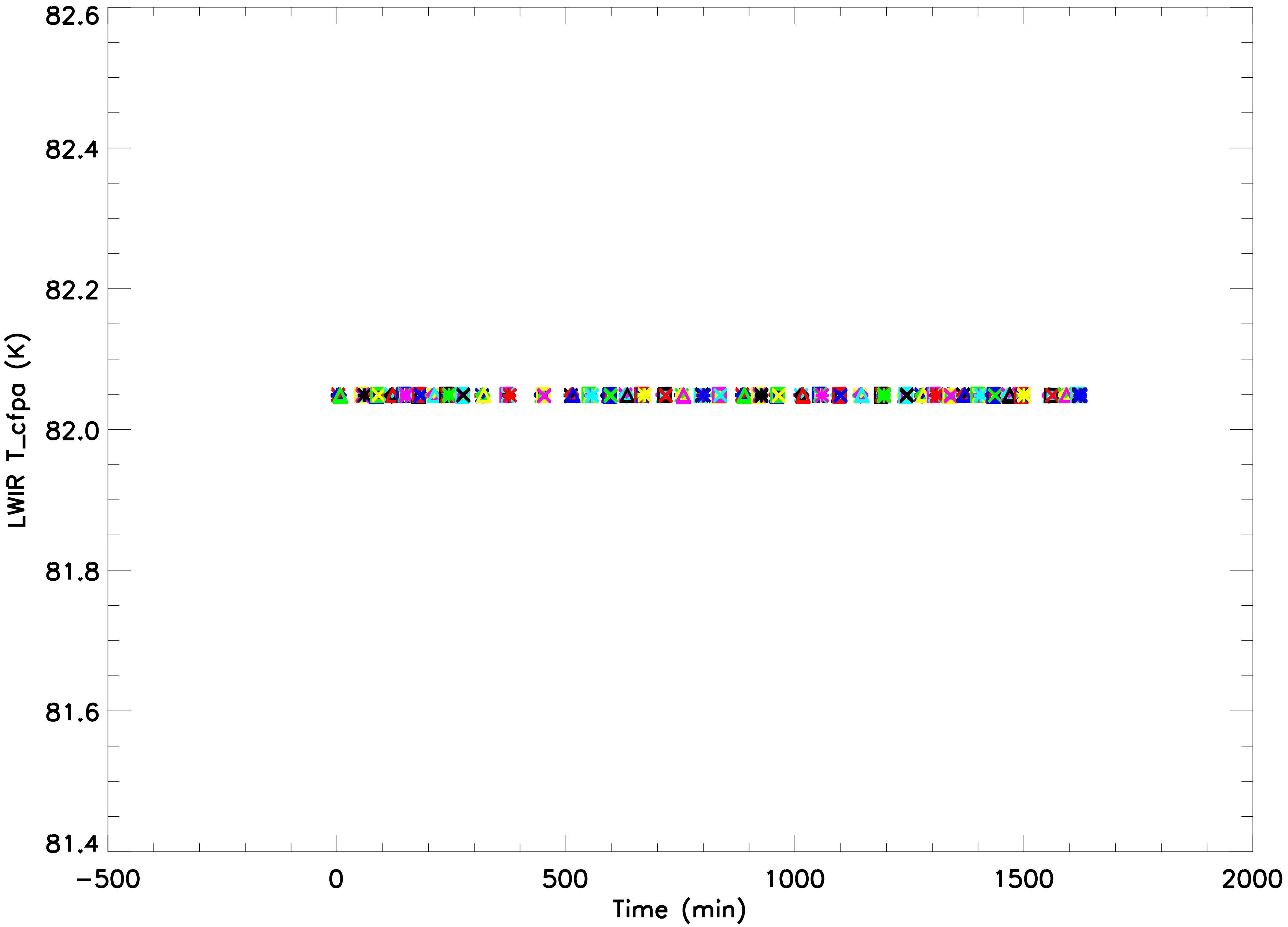

Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
SMWIR T_clpo (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan

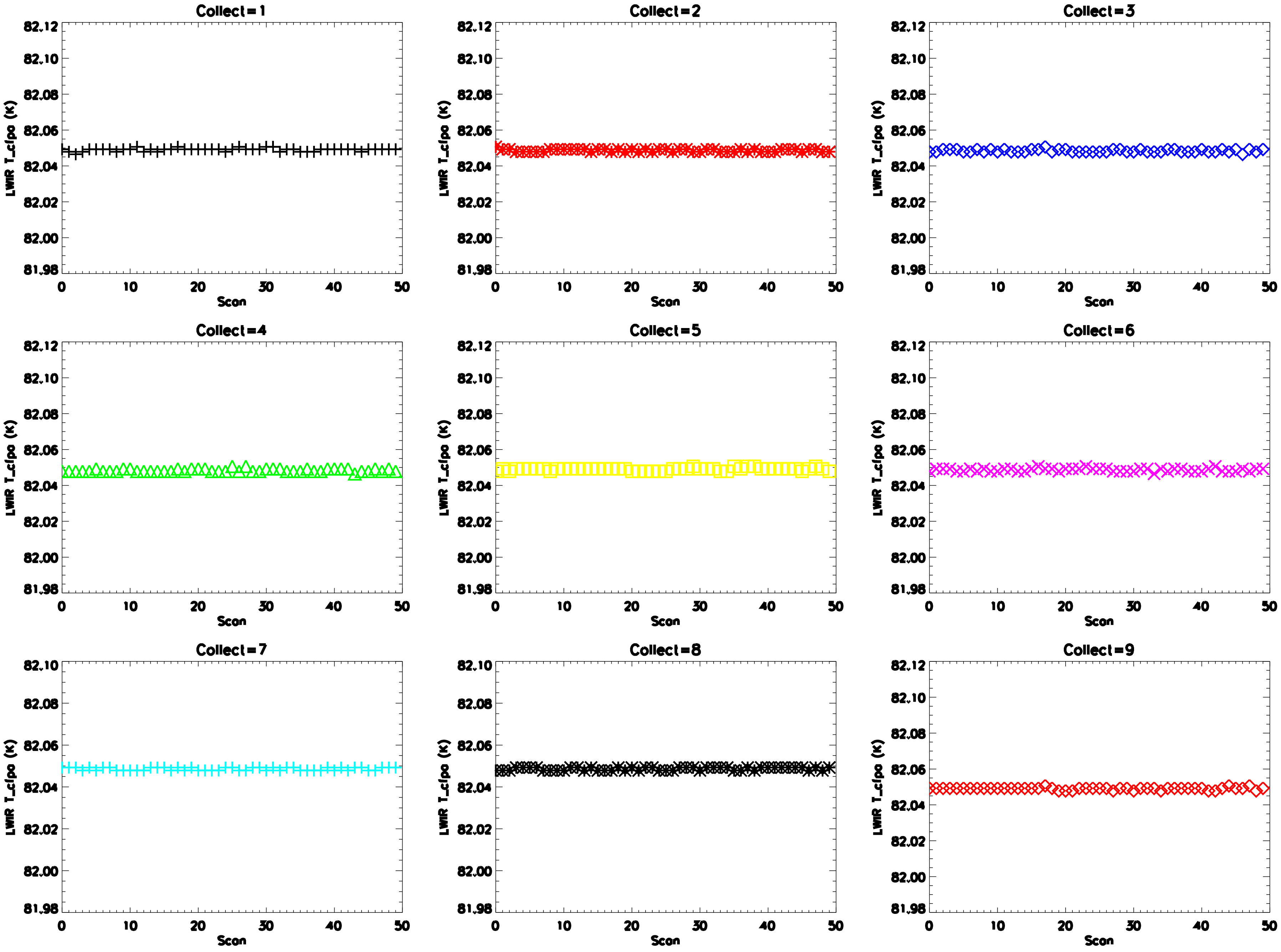
SMWIR T_cfpa vs Scan

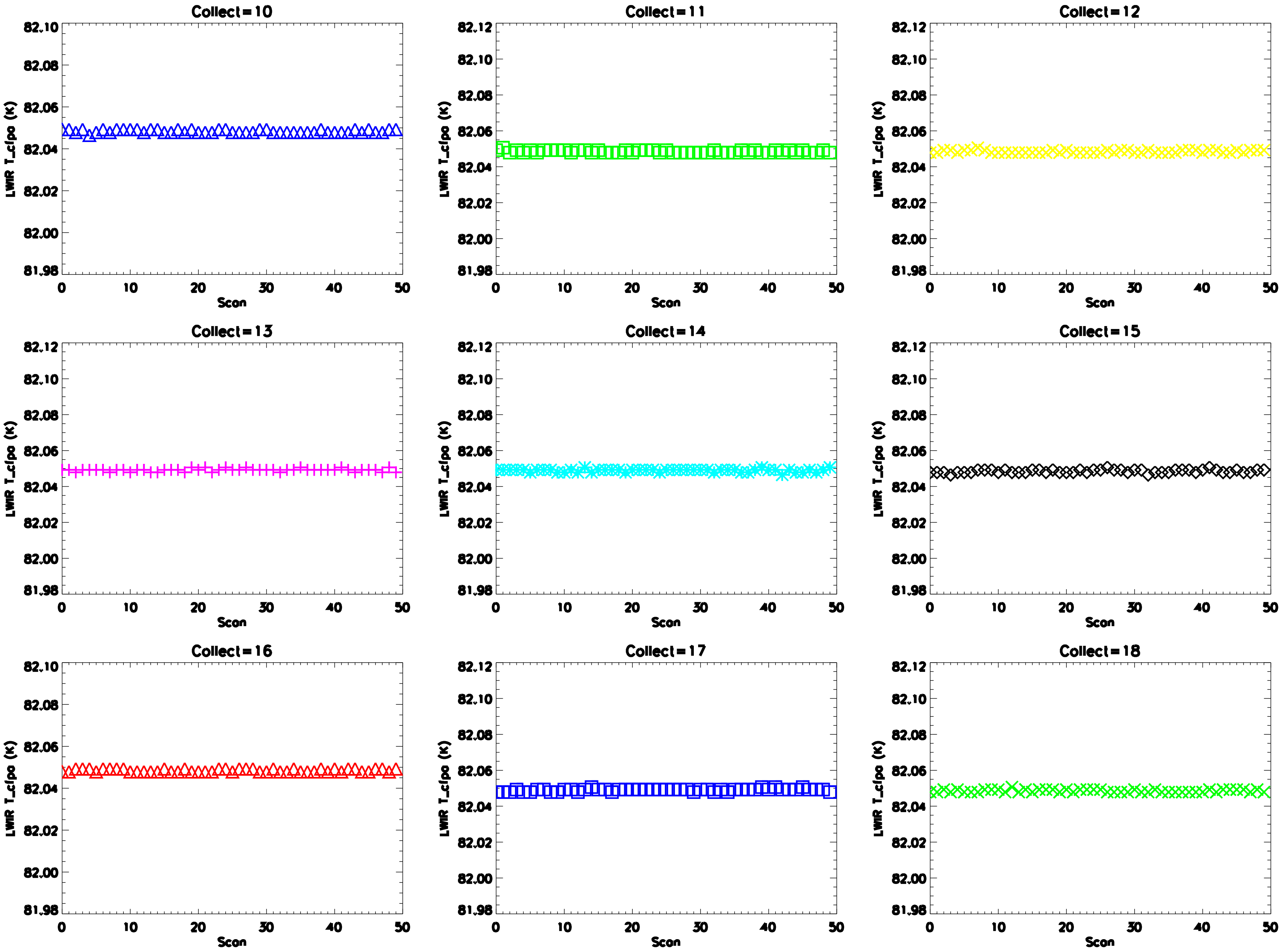


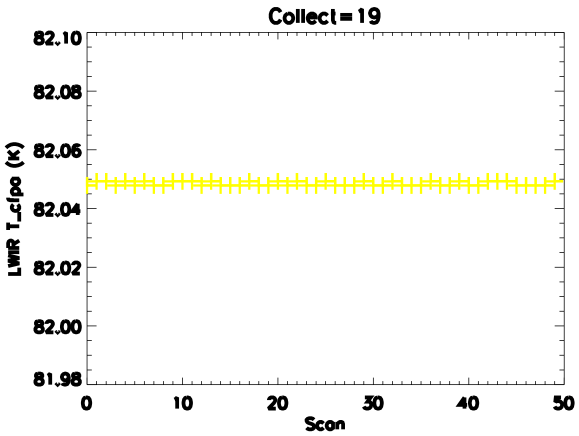


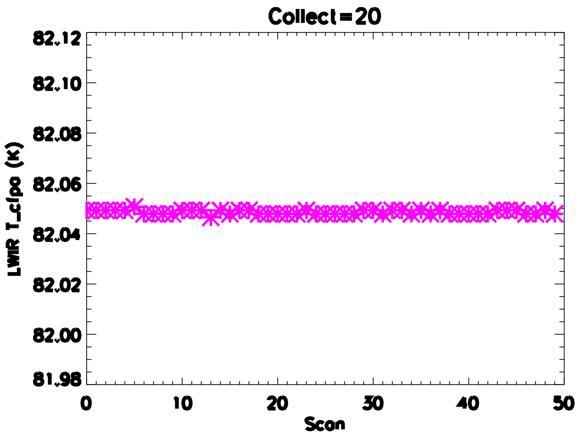
LWIR T_cfpa vs Time

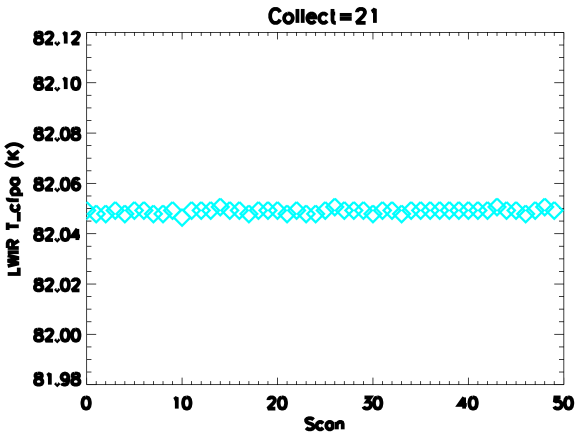


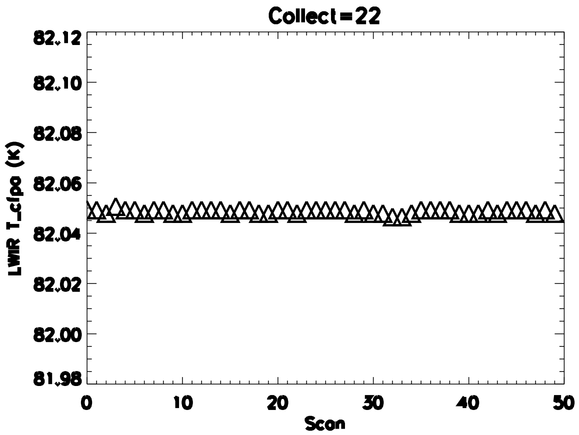

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_cfpo (K)
Scan
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50

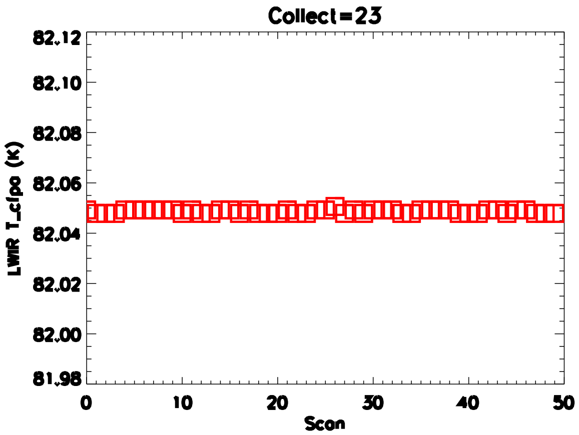

Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
LWIR T_clpo (K)
Scan
0
10
20
30
40
50
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12

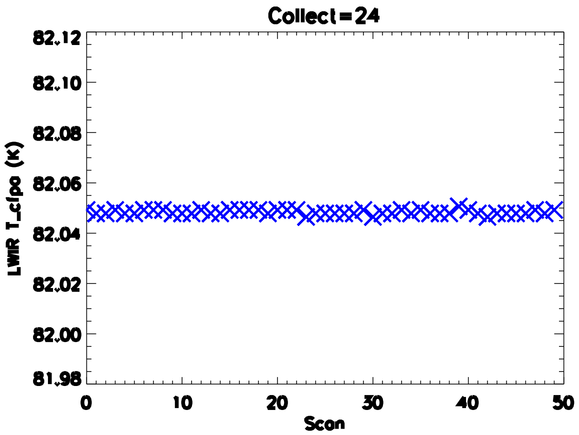

Collect=19
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

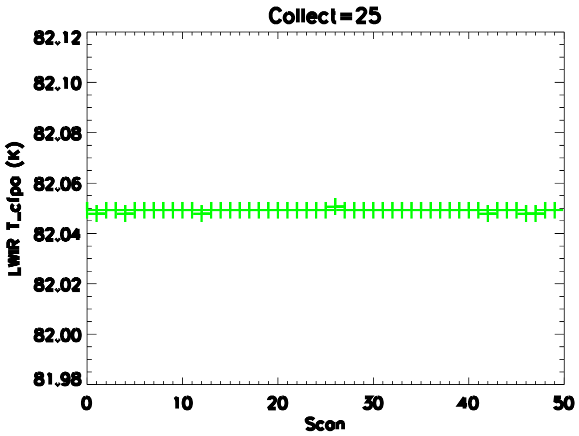

Collect=20
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

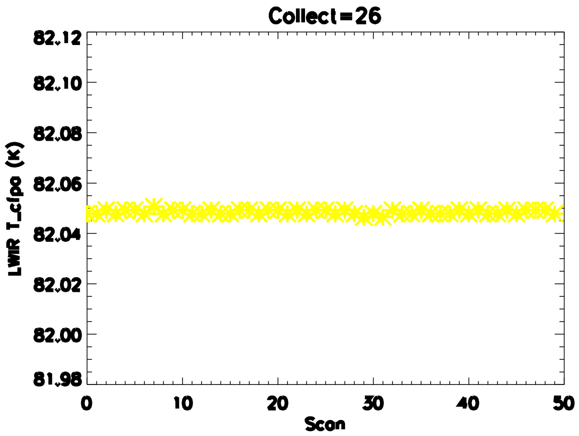

Collect=21
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

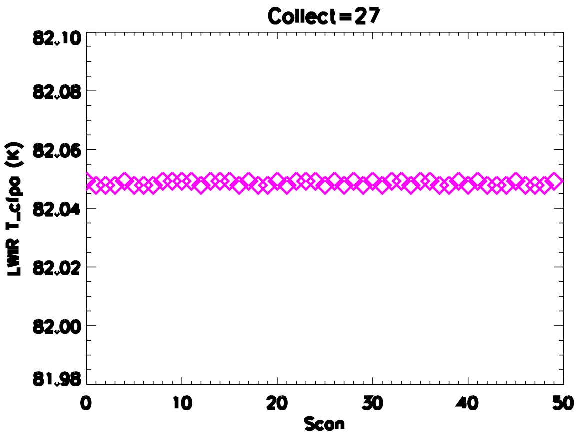

Collect=22
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

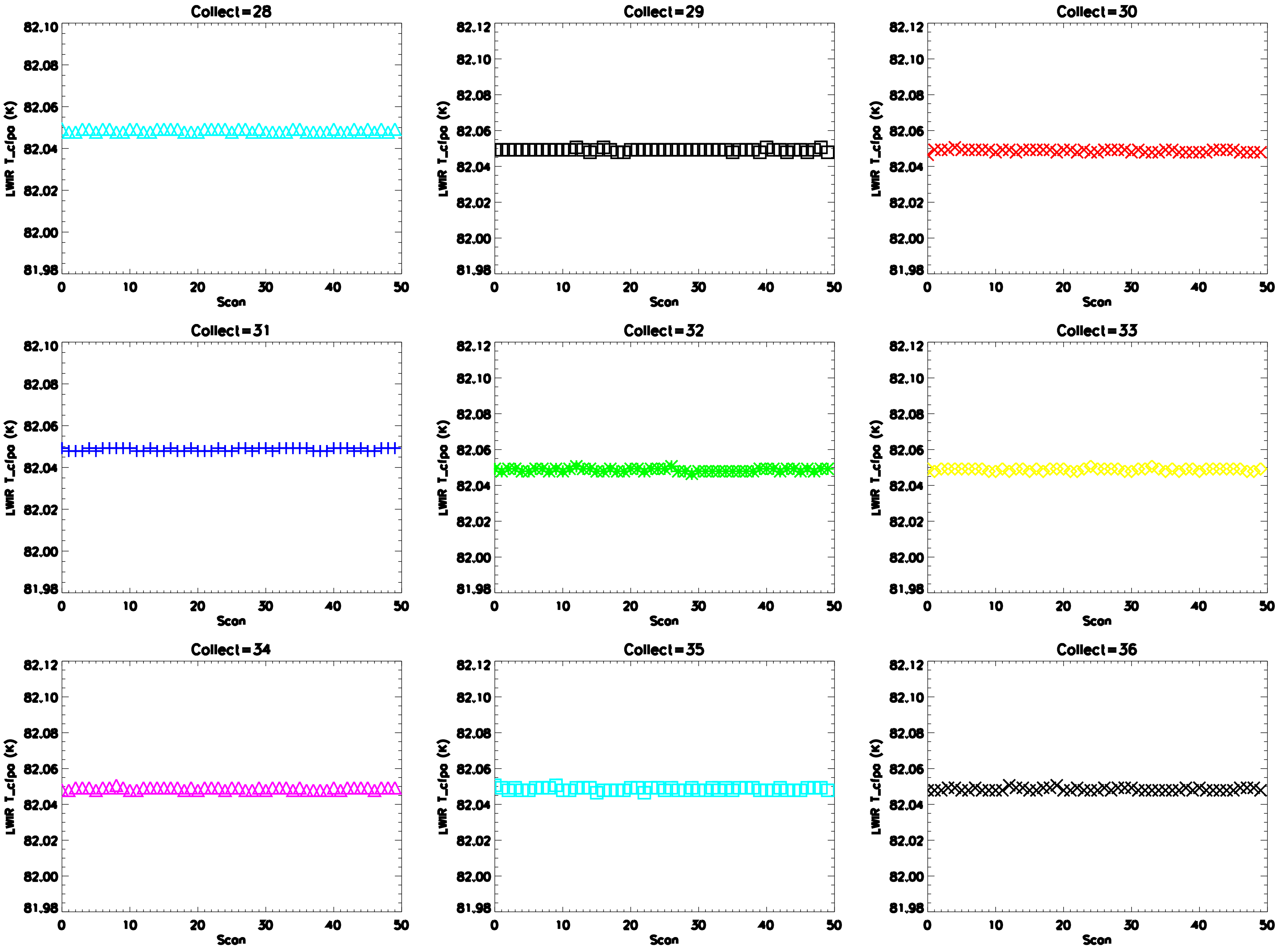

Collect=23
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

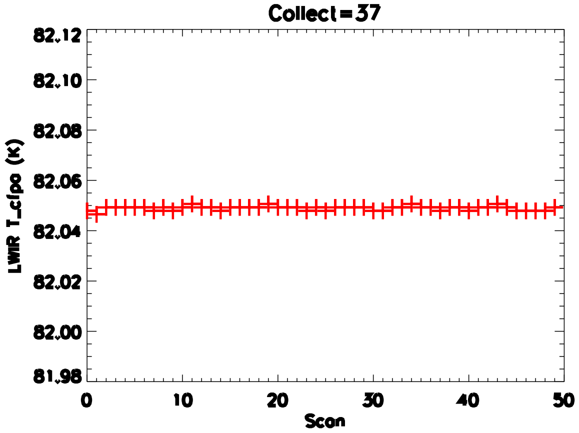

Collect=24
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

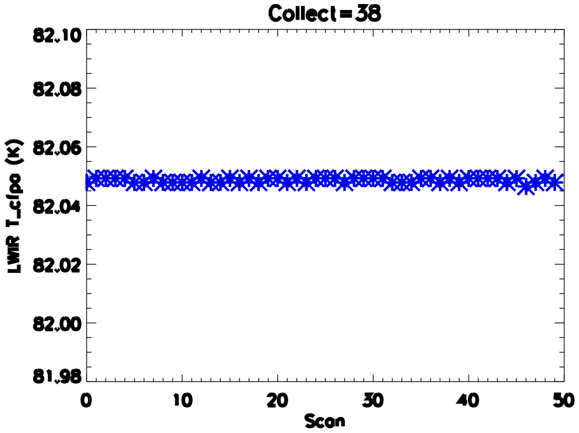

Collect=25
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

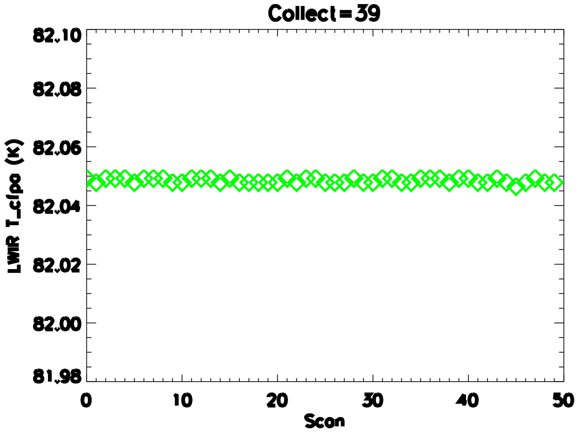

Collect=26
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=27
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
LWIR T_clpo (K)
Scan
0
10
20
30
40
50
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12


Collect=37


Collect=38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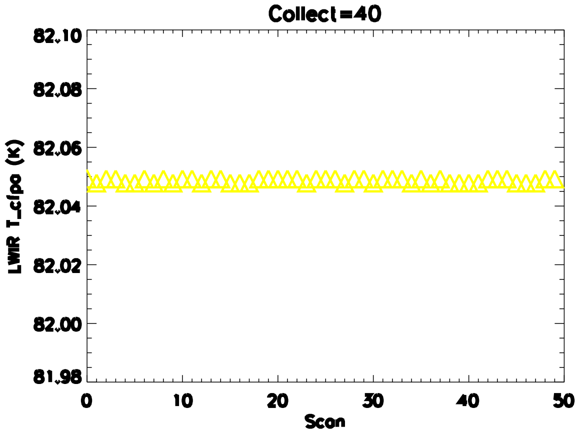
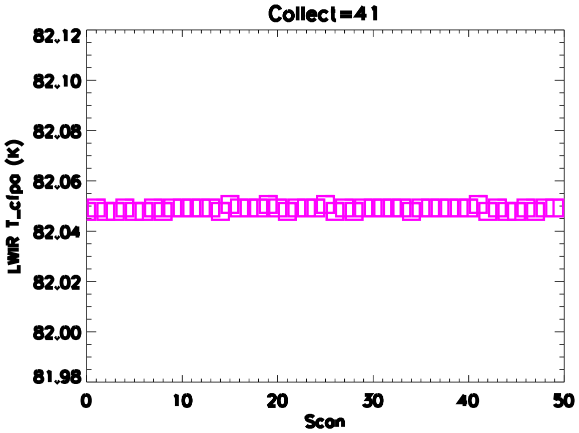
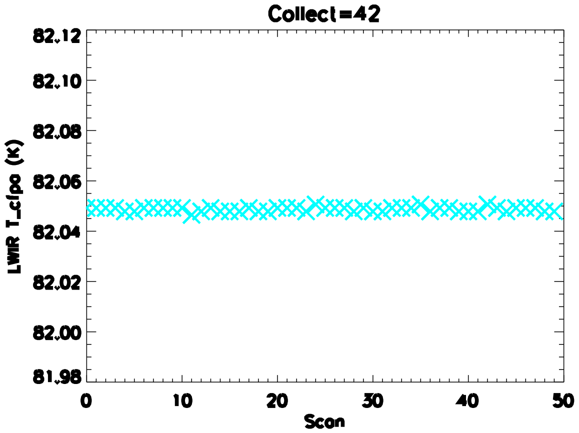
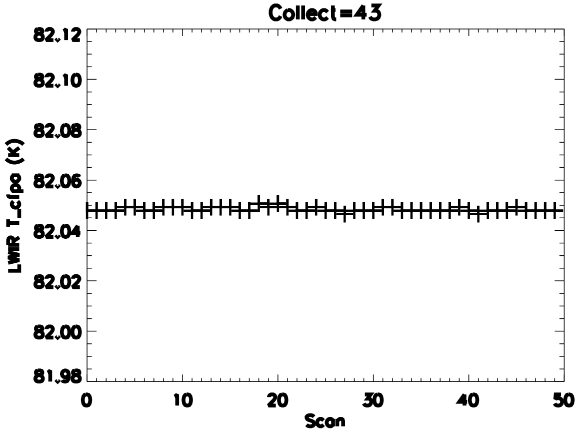
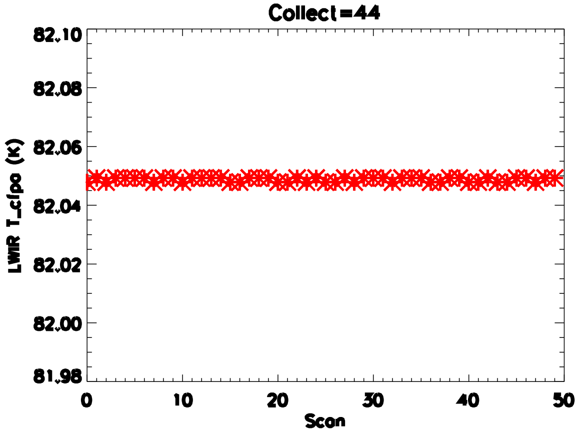
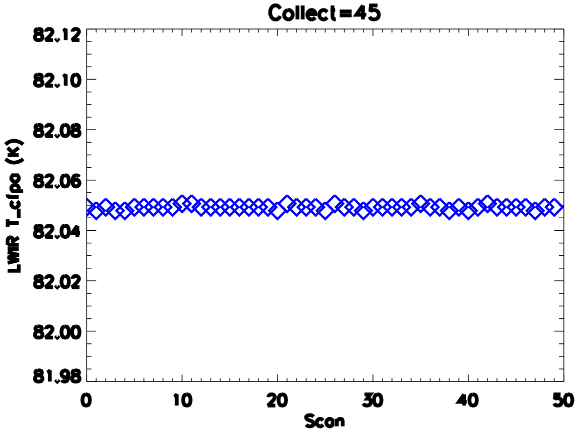

Collect=40

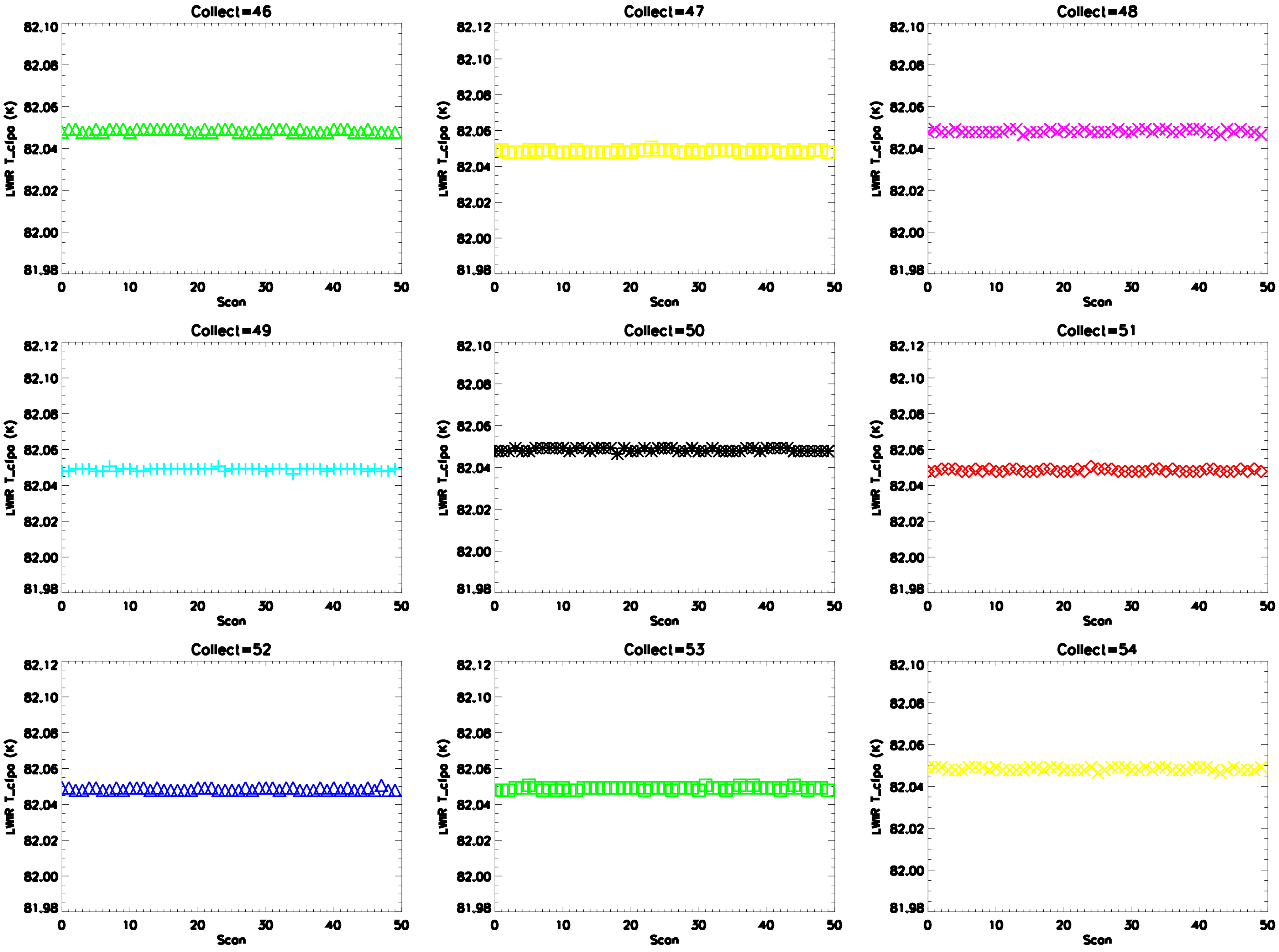

Collect=41

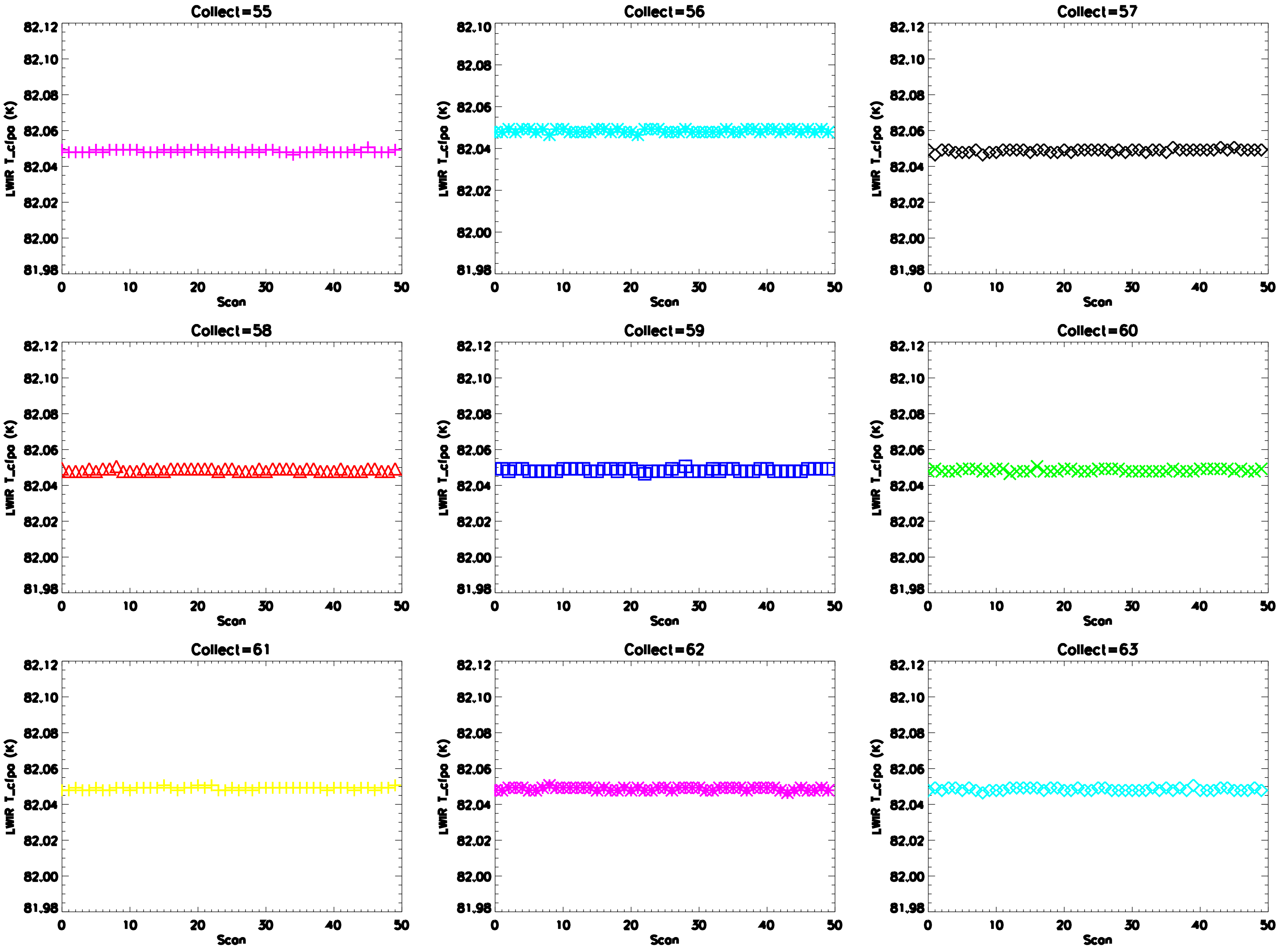

Collect=42

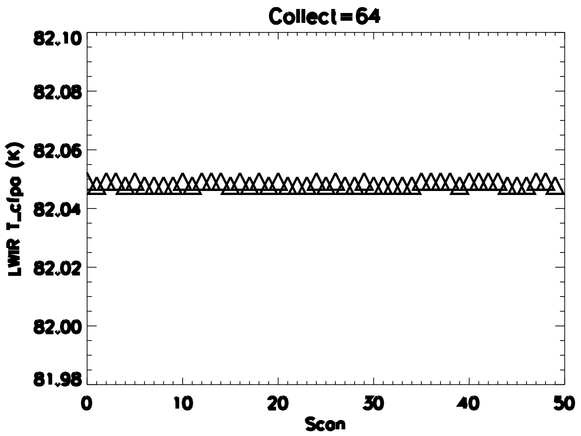

Collect=43

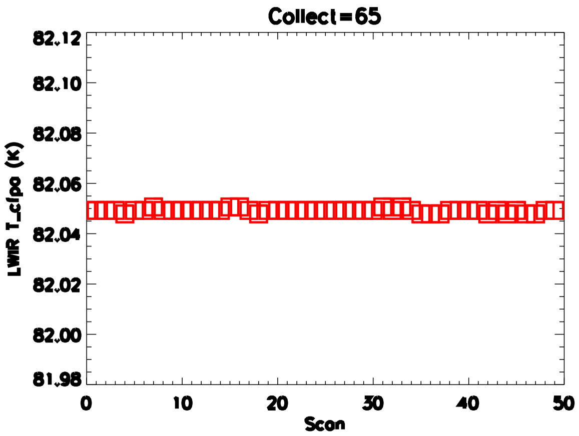

Collect=44

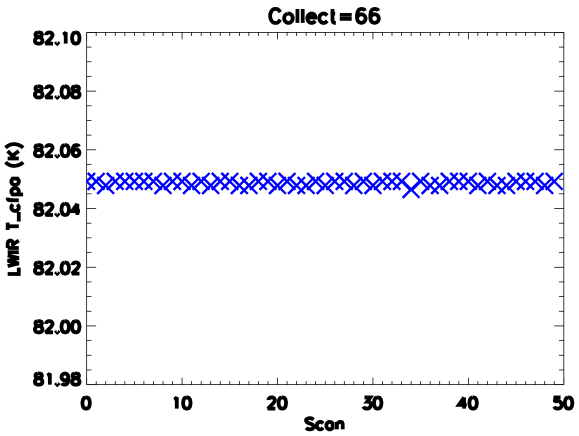

Collect=45

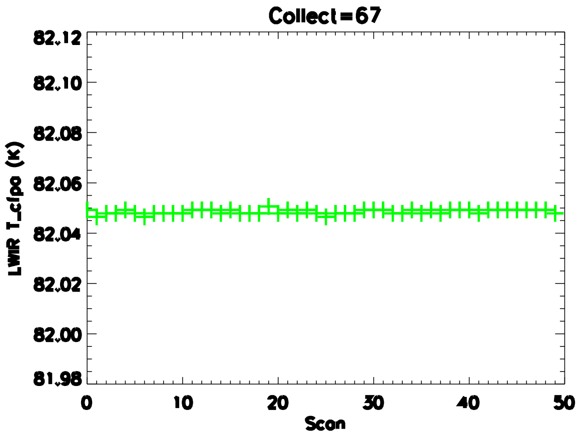

Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
LWIR T_clpo (K)
Scan
0
10
20
30
40
50
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12

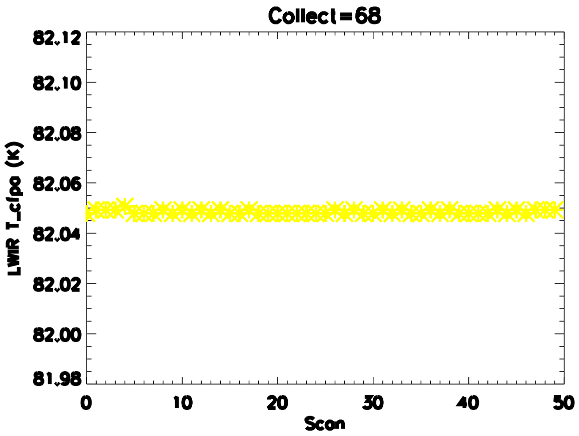

Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
LWIR T_clpo (K)
Scan
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50

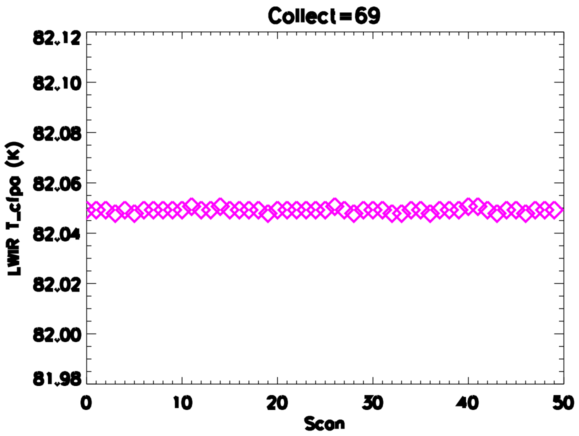

Collect=64
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

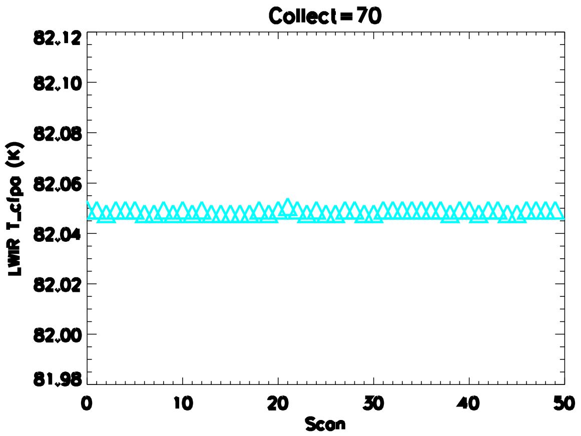

Collect=65
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=66
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=67
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=68
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=69
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


Collect=70
LWIR T_clpo (K)
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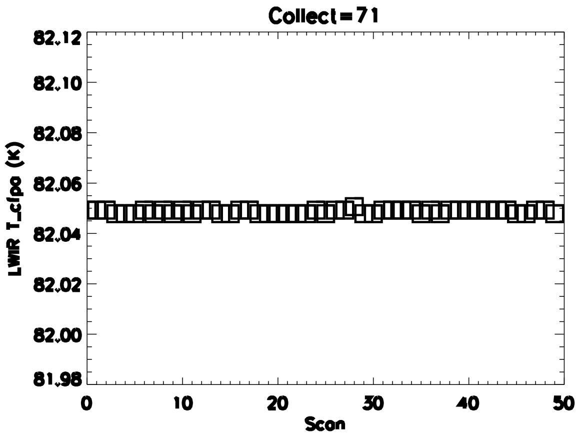
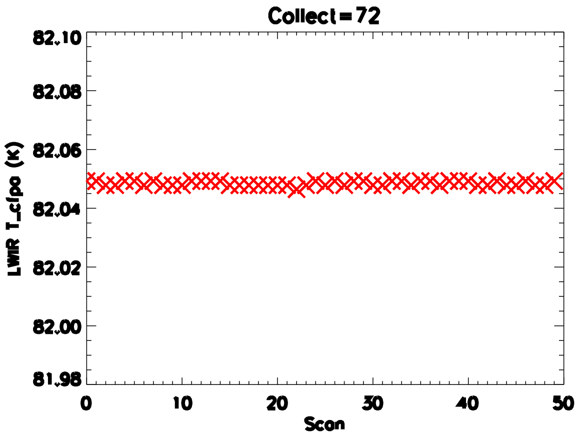
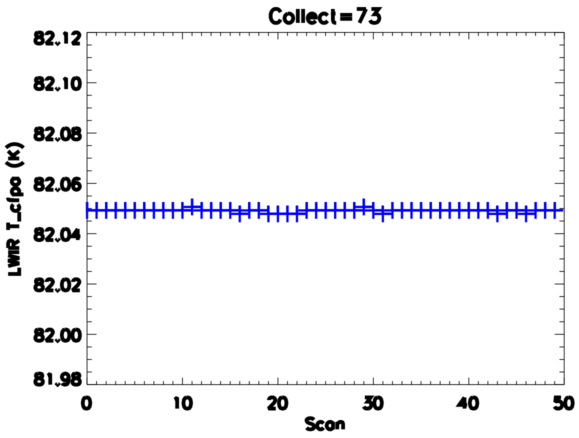
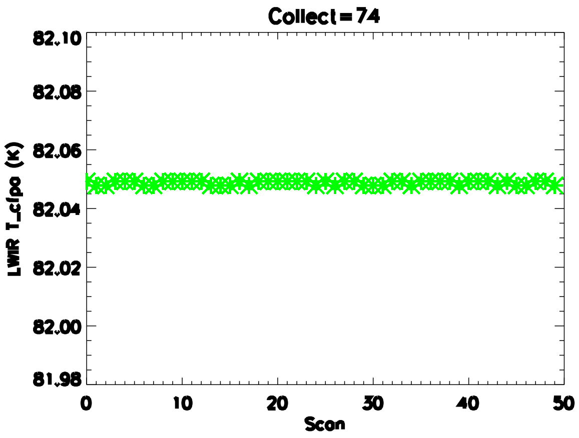
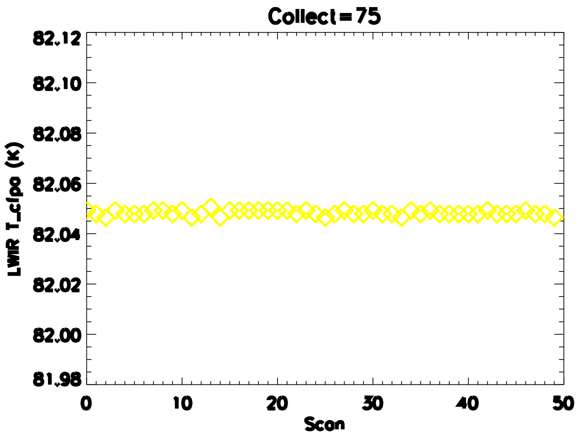
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

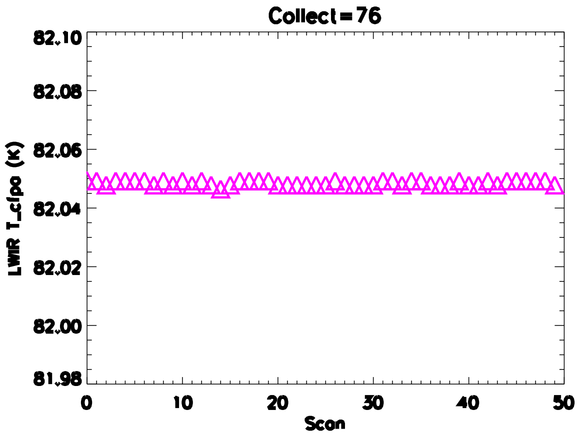

Collect=71
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

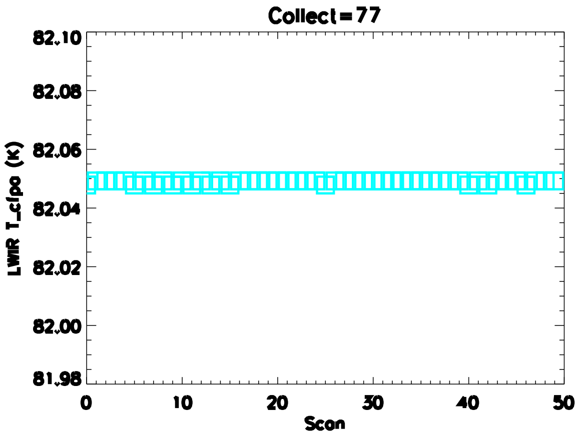

Collect=72
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

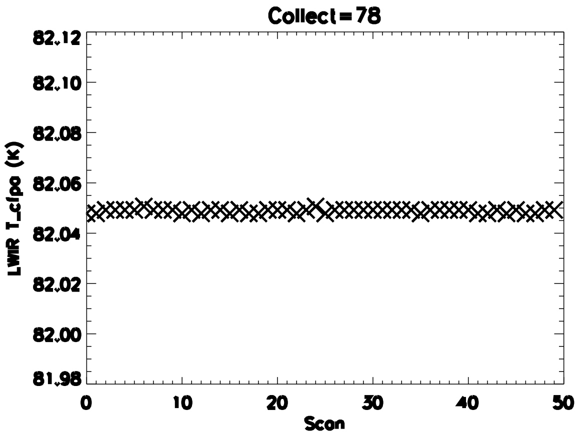

Collect=73
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

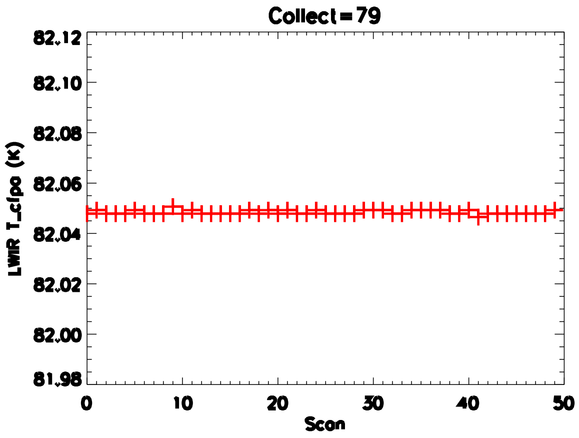

Collect=74
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

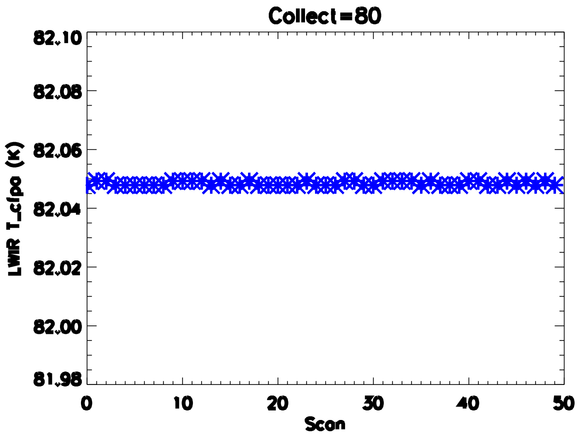

Collect=75
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

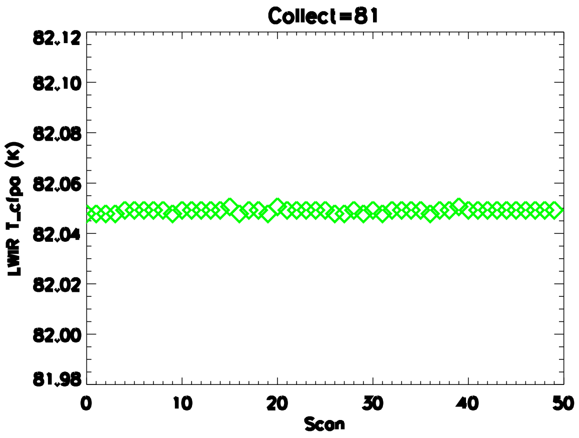

Collect=76
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

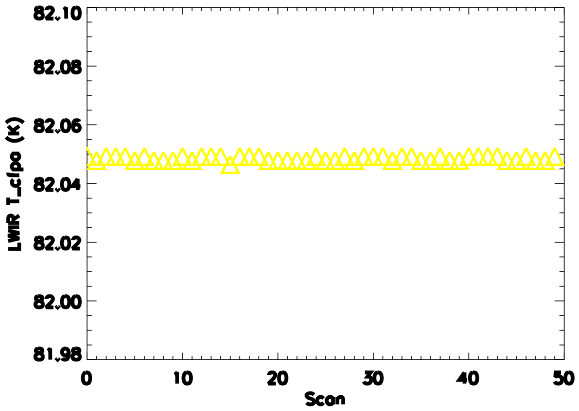

Collect=77
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

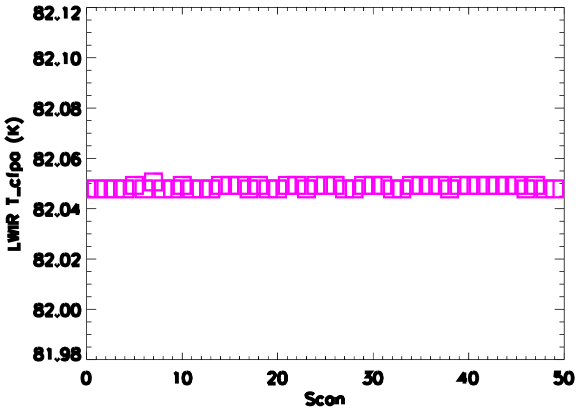

Collect=78
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

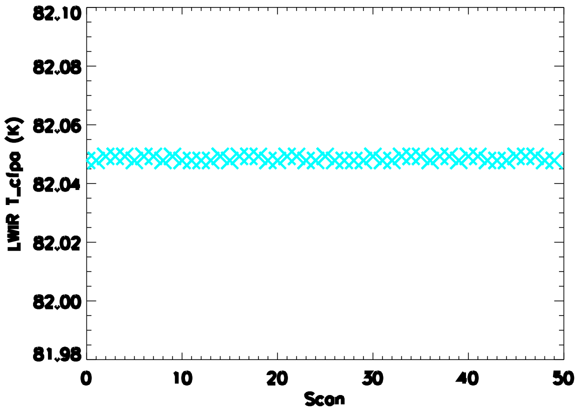

Collect=79
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

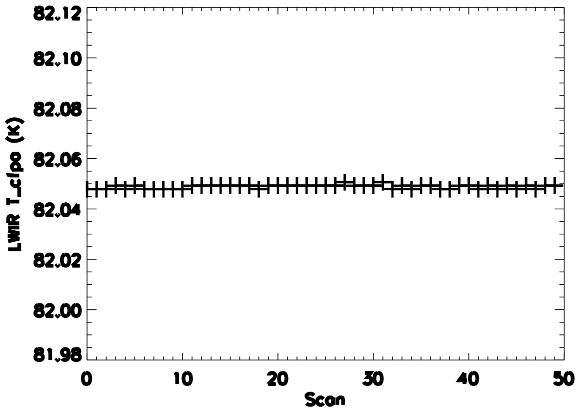

Collect=80
LWIR T_clpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

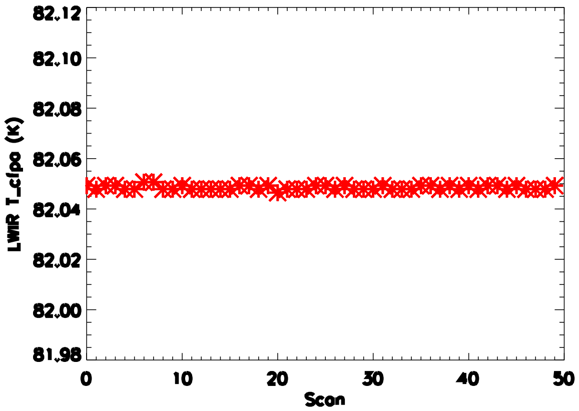

Collect=81
LWIR T_clpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

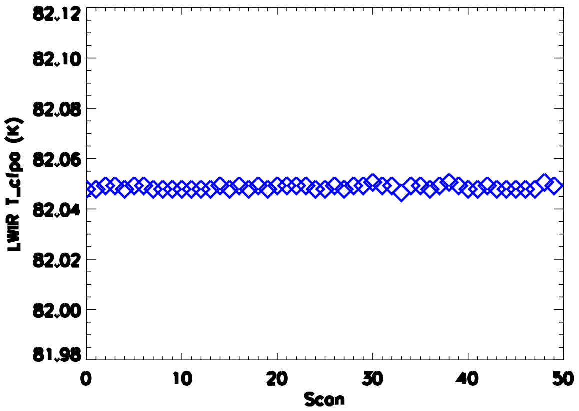

Collect=82

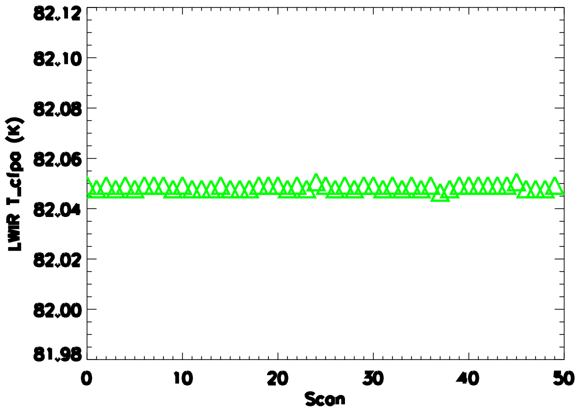

Collect=83

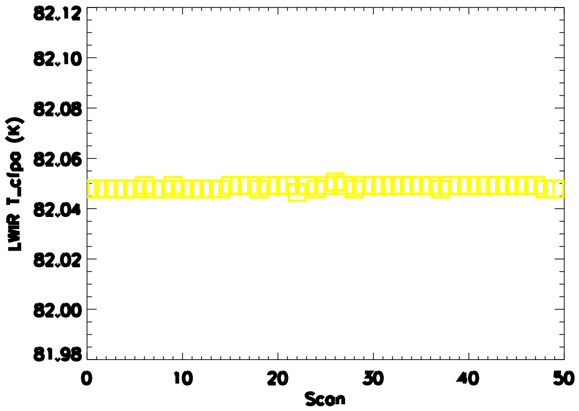

Collect=84

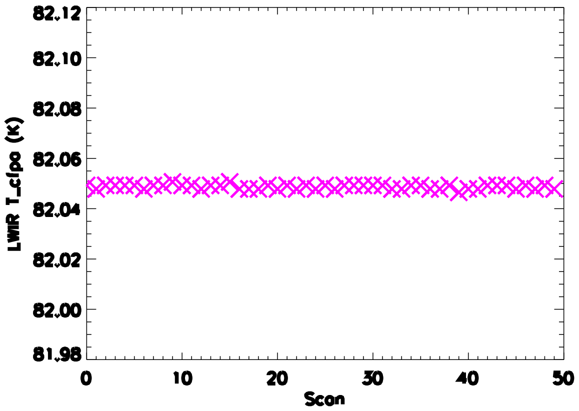

Collect=85


Collect=86

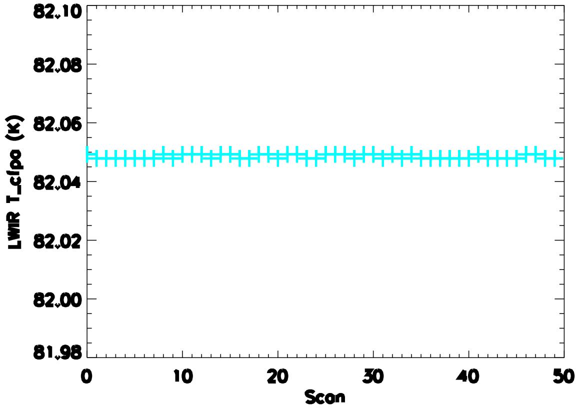

Collect=87


Collect=88

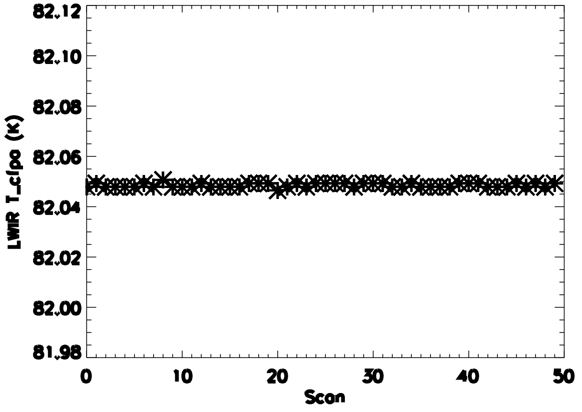

Collect=89


Collect=90

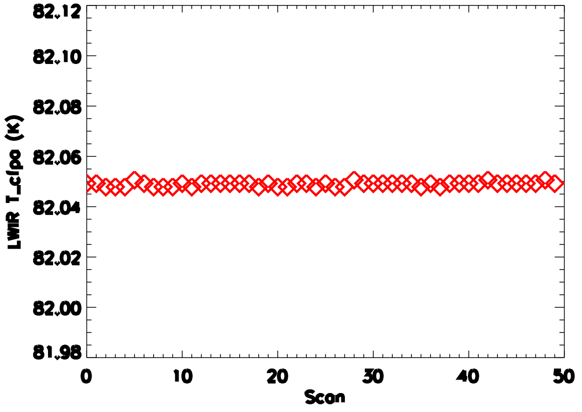
Collect=91



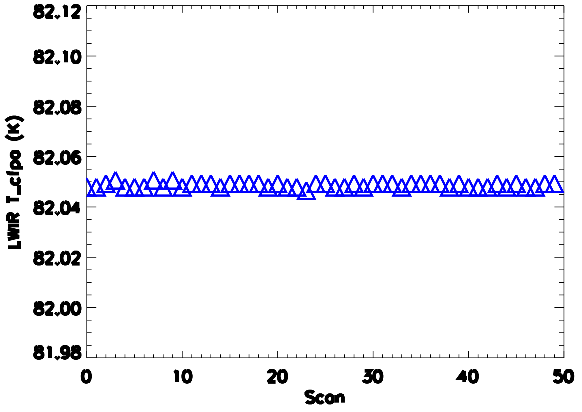
Collect=92



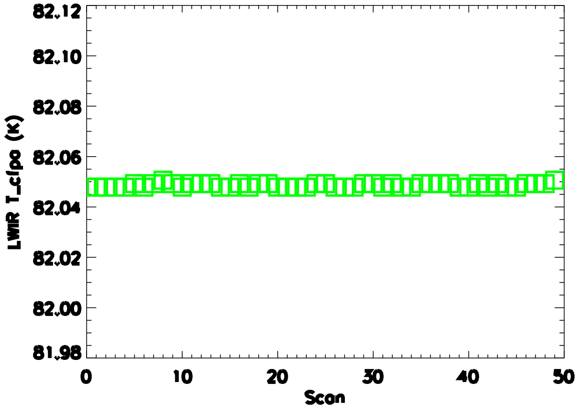
Collect=93



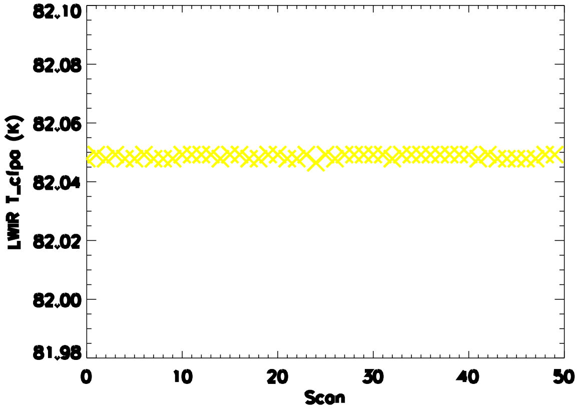
Collect=94



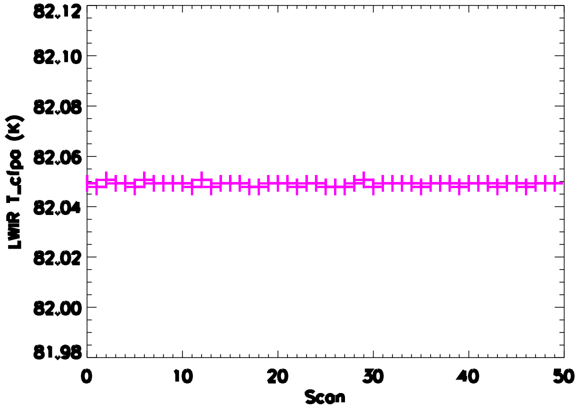
Collect=95



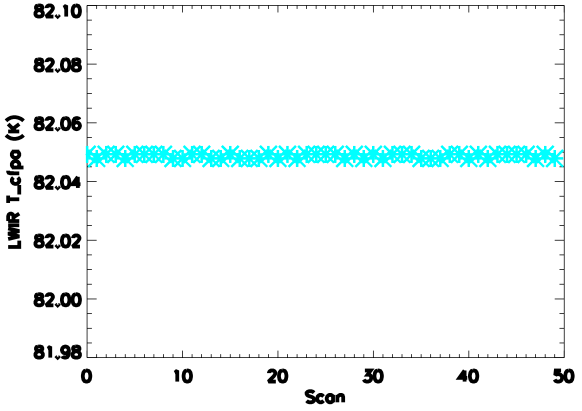
Collect=96



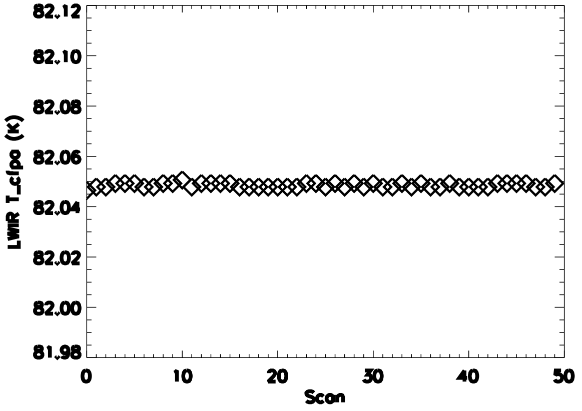
Collect=97

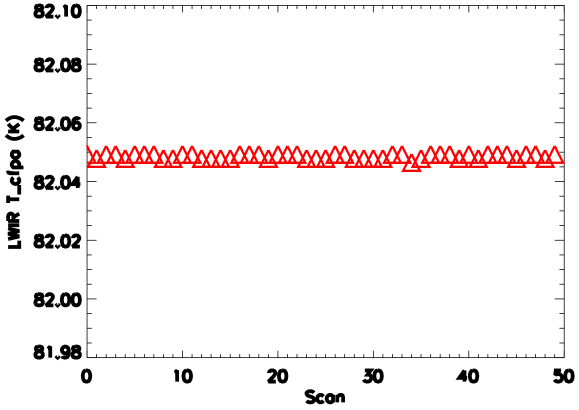


Collect=98

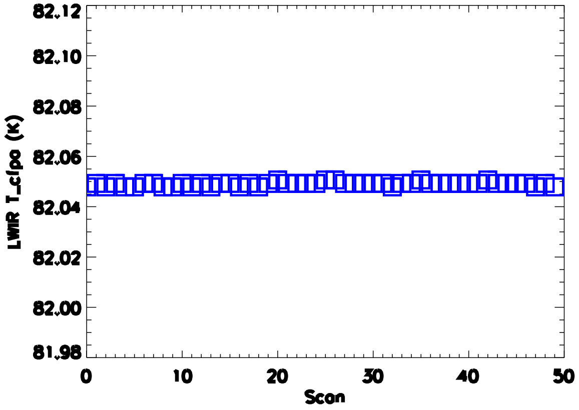


Collect=99

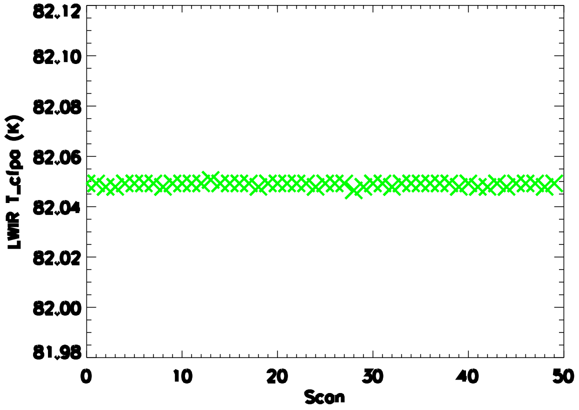




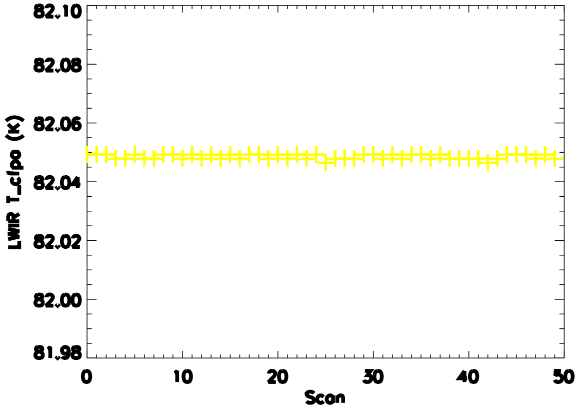
Collect=100



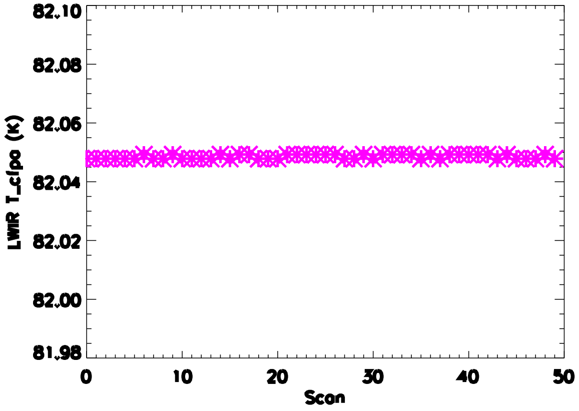
Collect=101



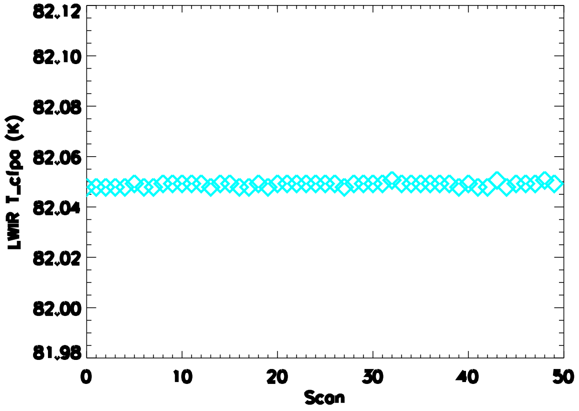
Collect=102



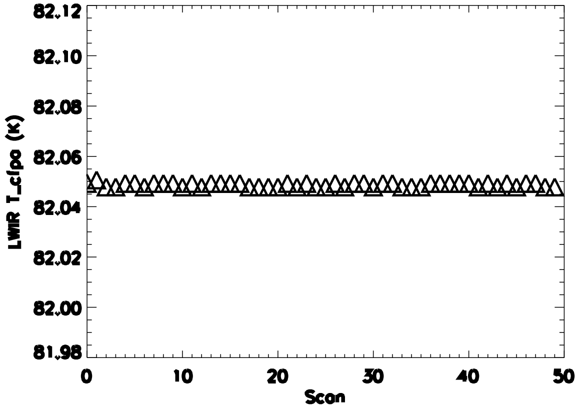
Collect=103



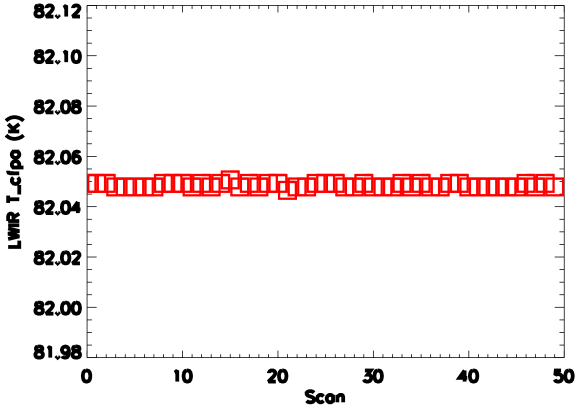
Collect=104



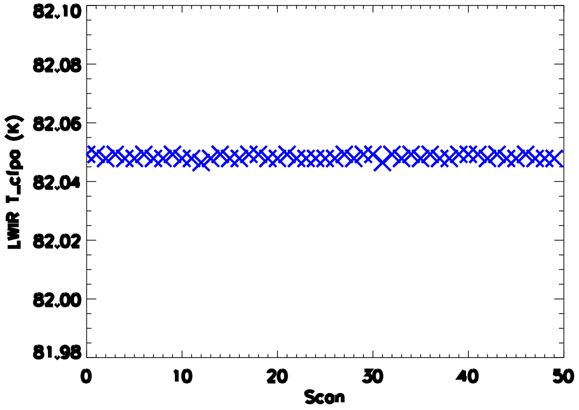
Collect=105



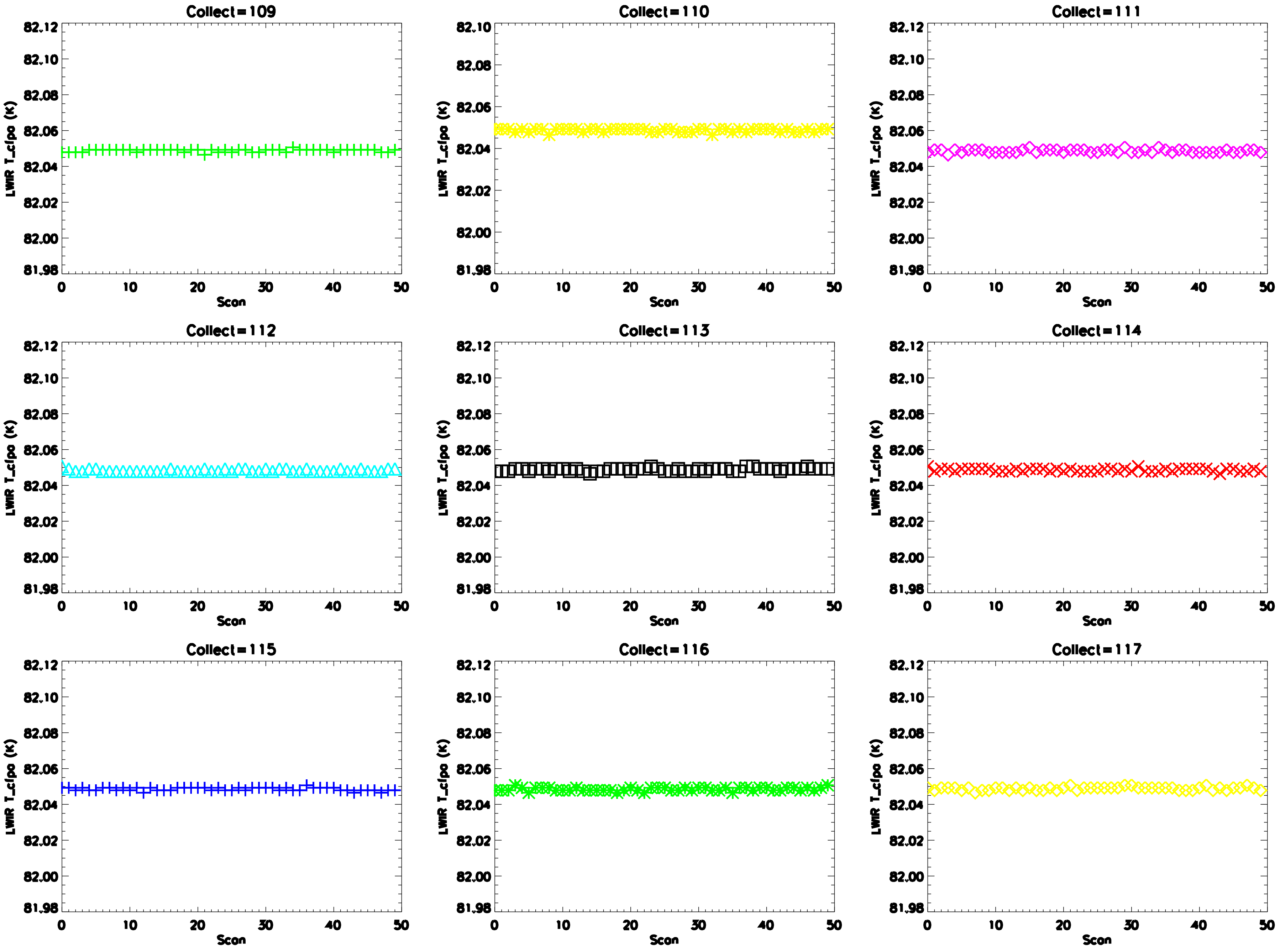
Collect=106

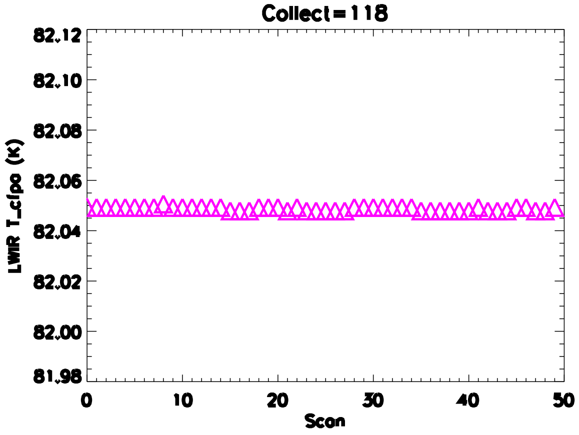


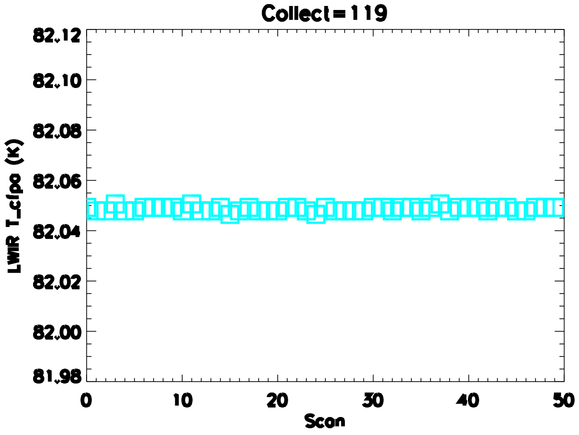
Collect=107

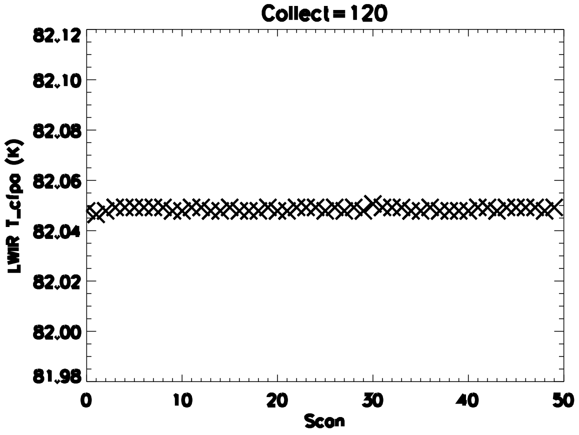


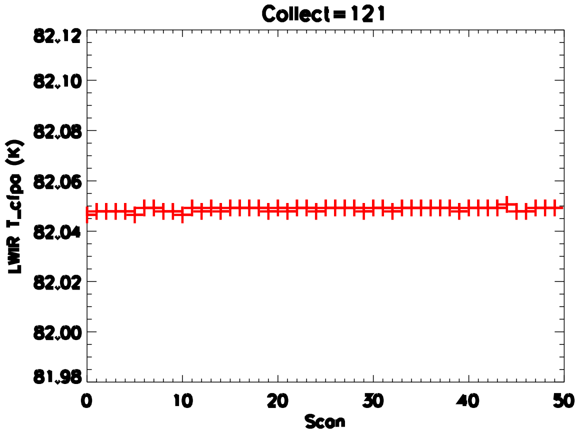
Collect=108

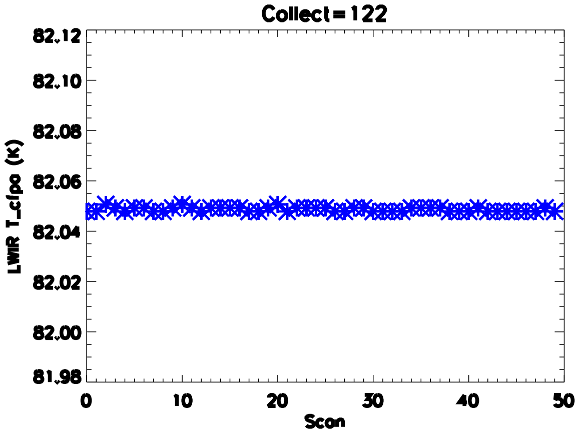

Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
LWIR T_clpo (K)
Scan
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12
0
10
20
30
40
50

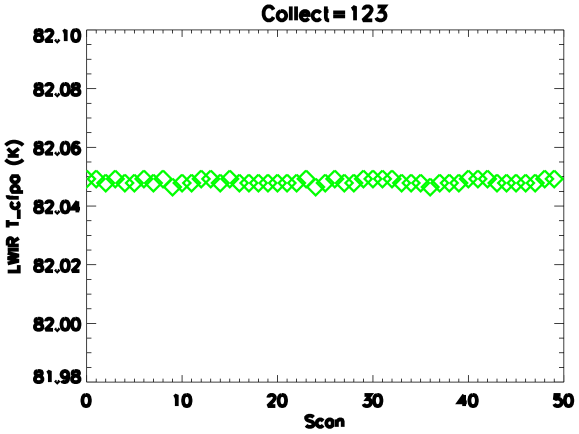

Collect=118
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

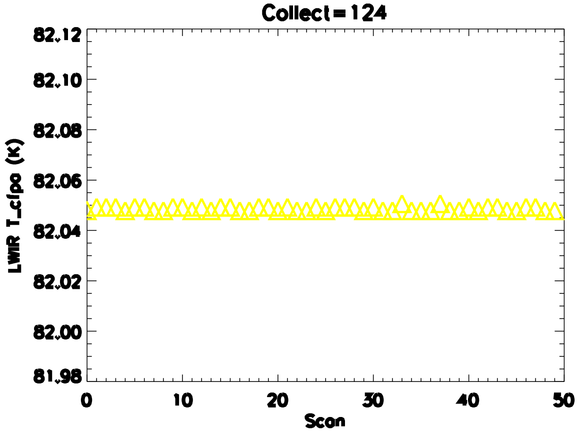

Collect=119
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

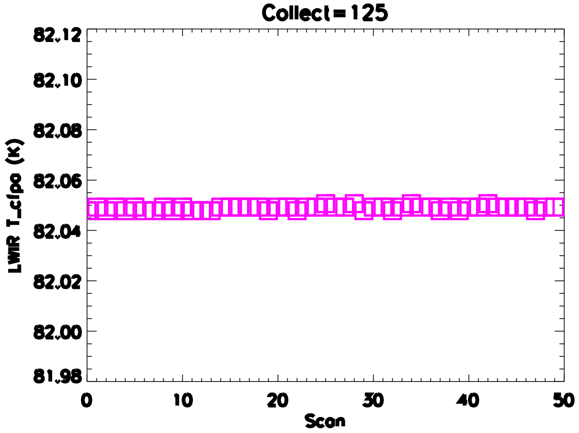

Collect=120
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

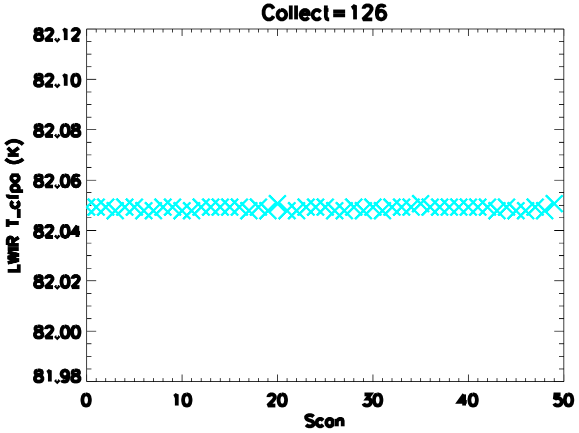

Collect=121
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

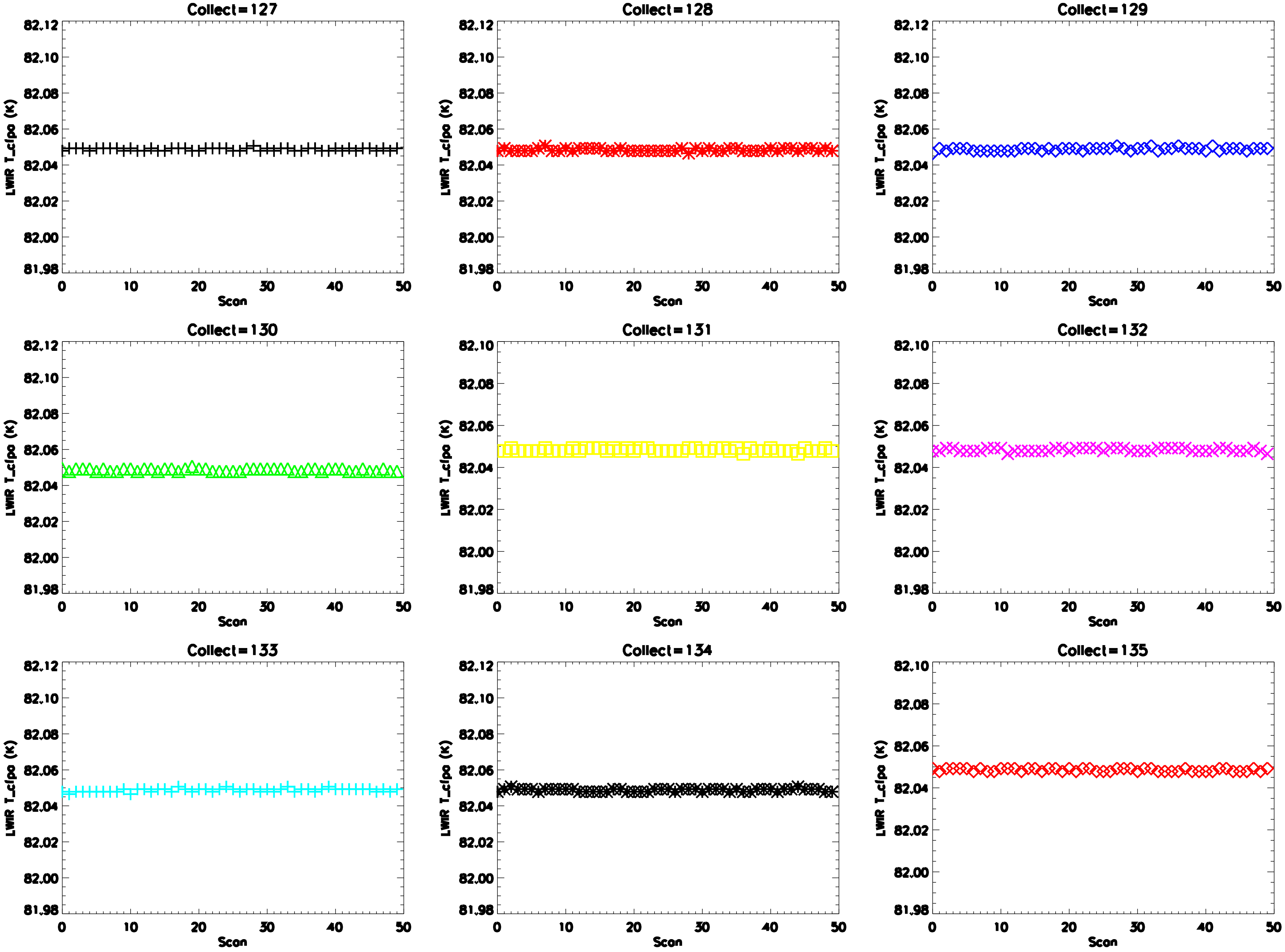

Collect=122
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

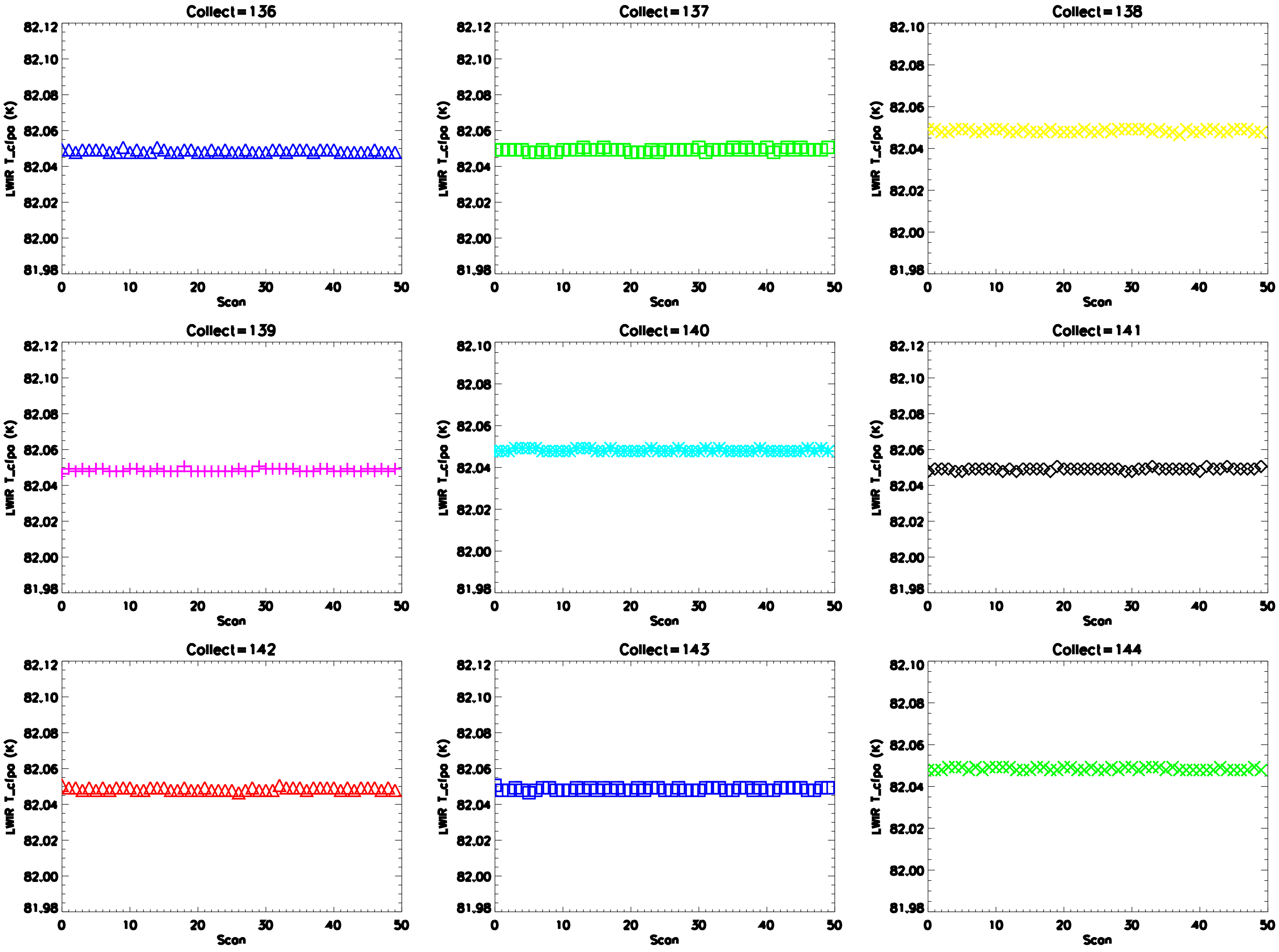

Collect=123
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

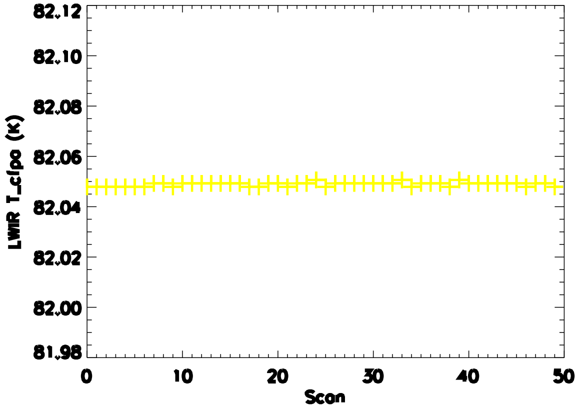

Collect=124
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

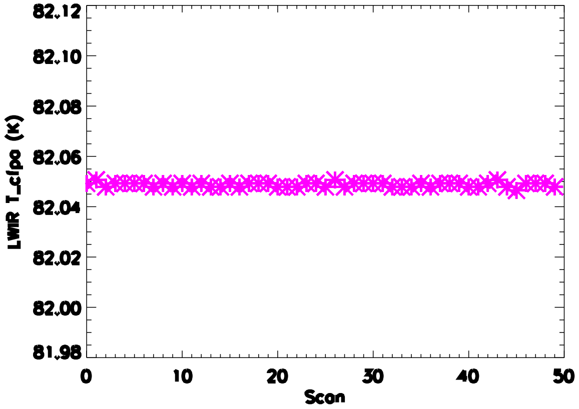

Collect=125
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

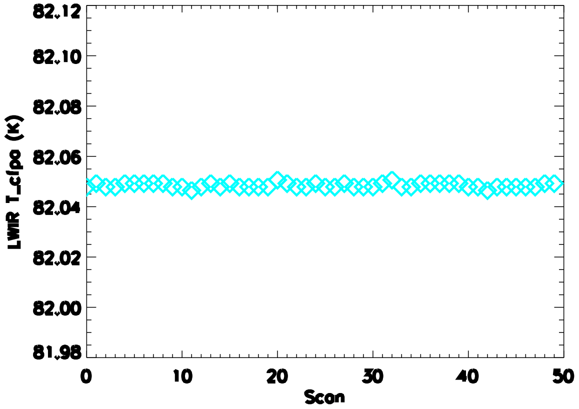

Collect=126
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_clpo (K)
0
10
20
30
40
50
Scan

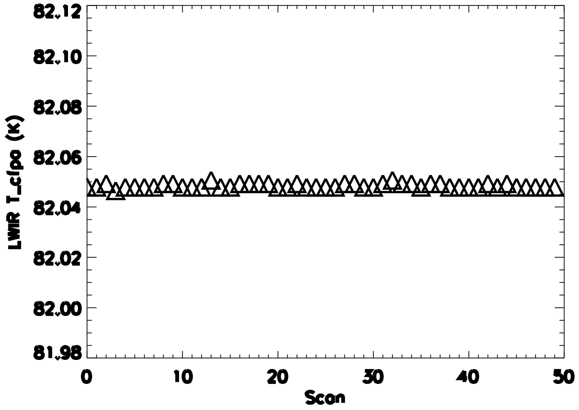

Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
LWIR T_clpo (K)
Scan
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12
0
10
20
30
40
50

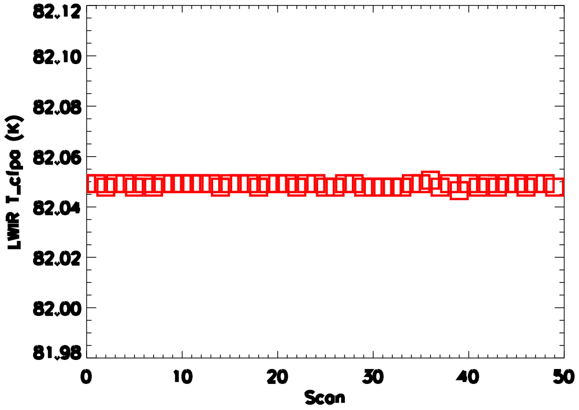

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
LWIR T_clpo (K)
Scan
0
10
20
30
40
50
81.98
82.00
82.02
82.04
82.06
82.08
82.10
82.12

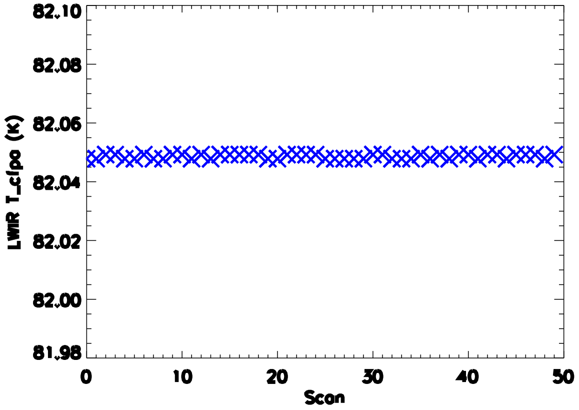

Collect = 145

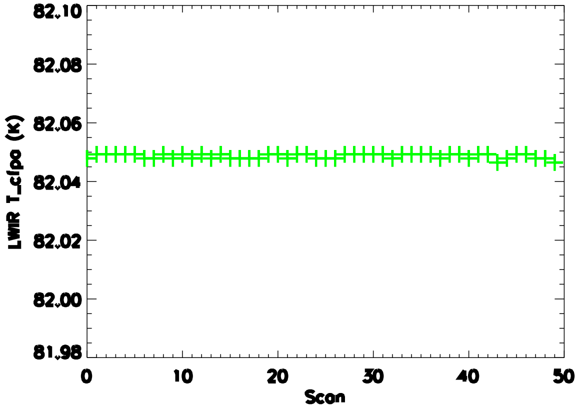

Collect = 146

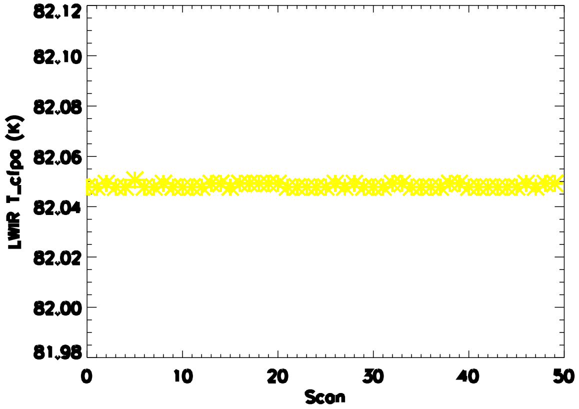

Collect = 147

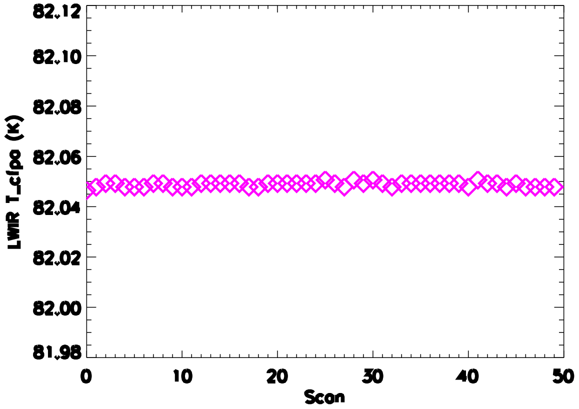

Collect = 148

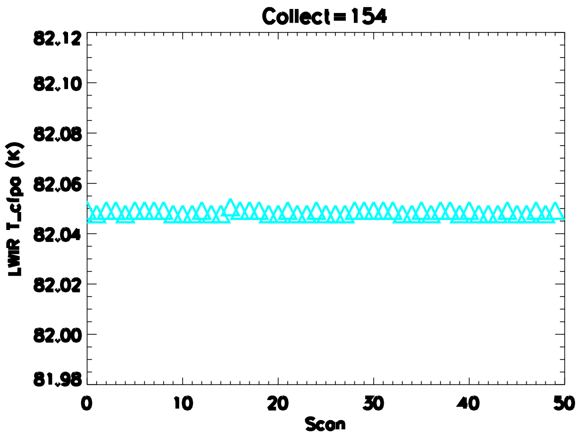

Collect = 149

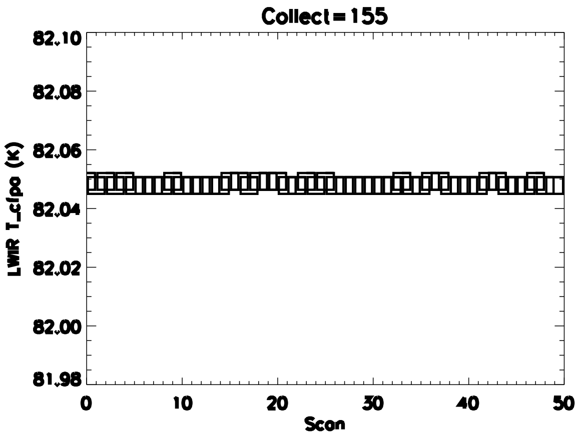

Collect = 150

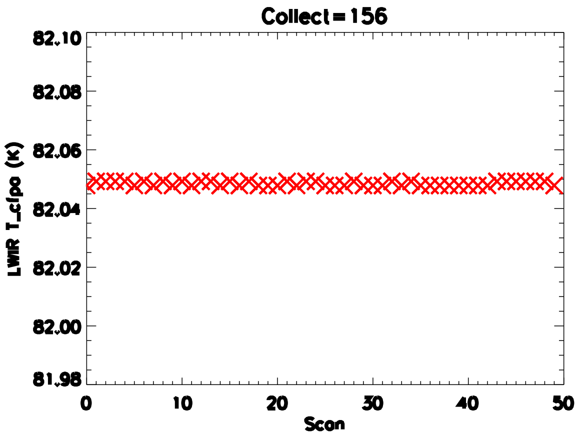

Collect = 151

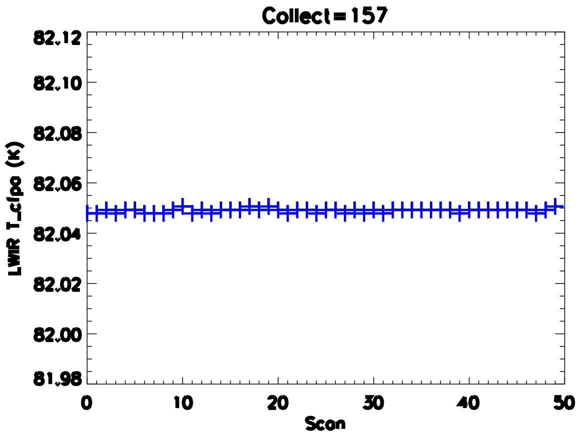

Collect = 152

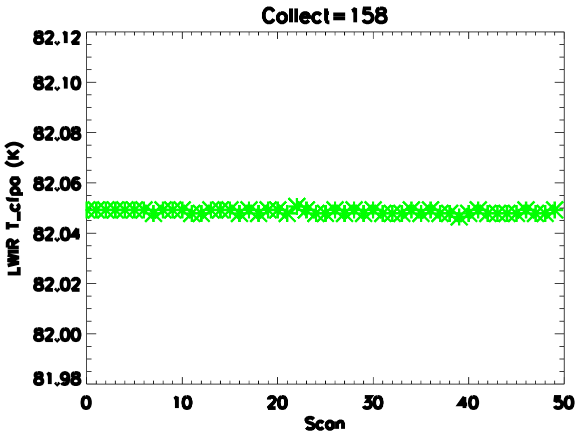

Collect = 153

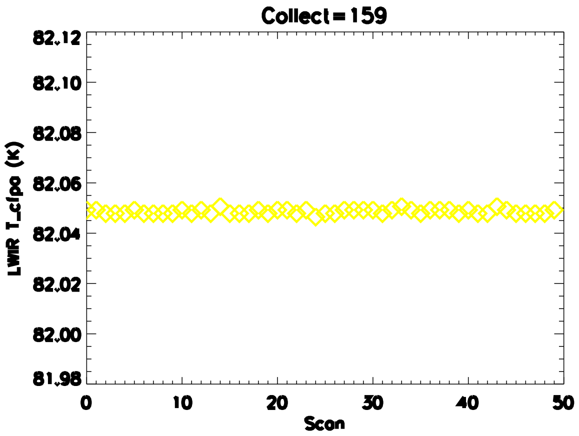

Collect = 154
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

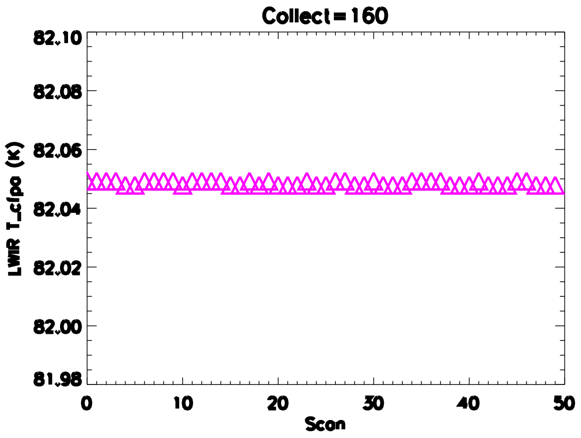

Collect = 155
LWIR T_cfpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

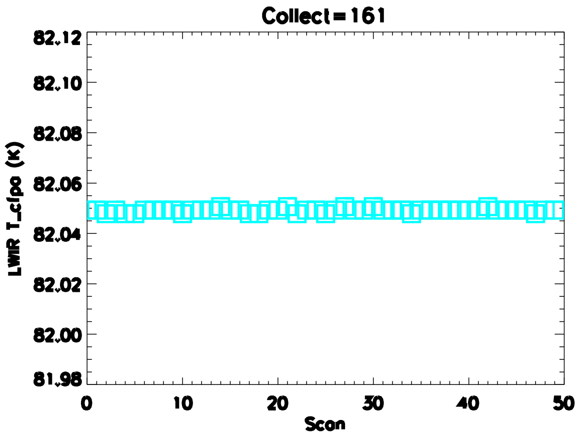

Collect = 156
LWIR T_cfpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

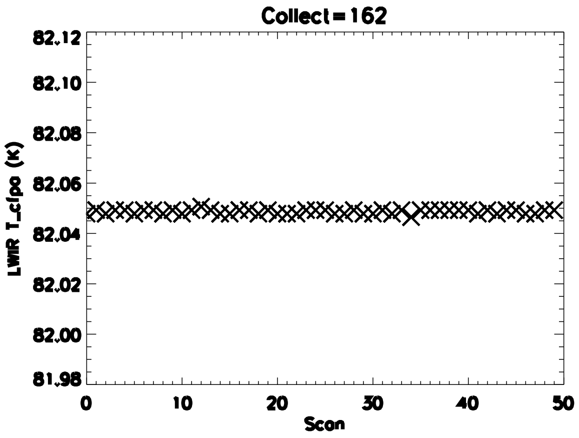

Collect = 157
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

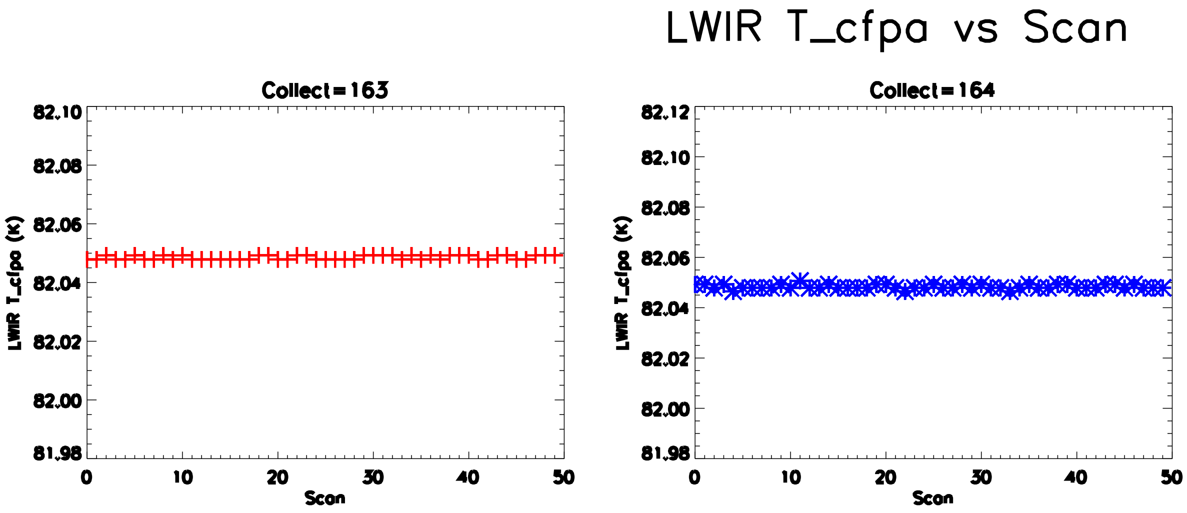

Collect = 158
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

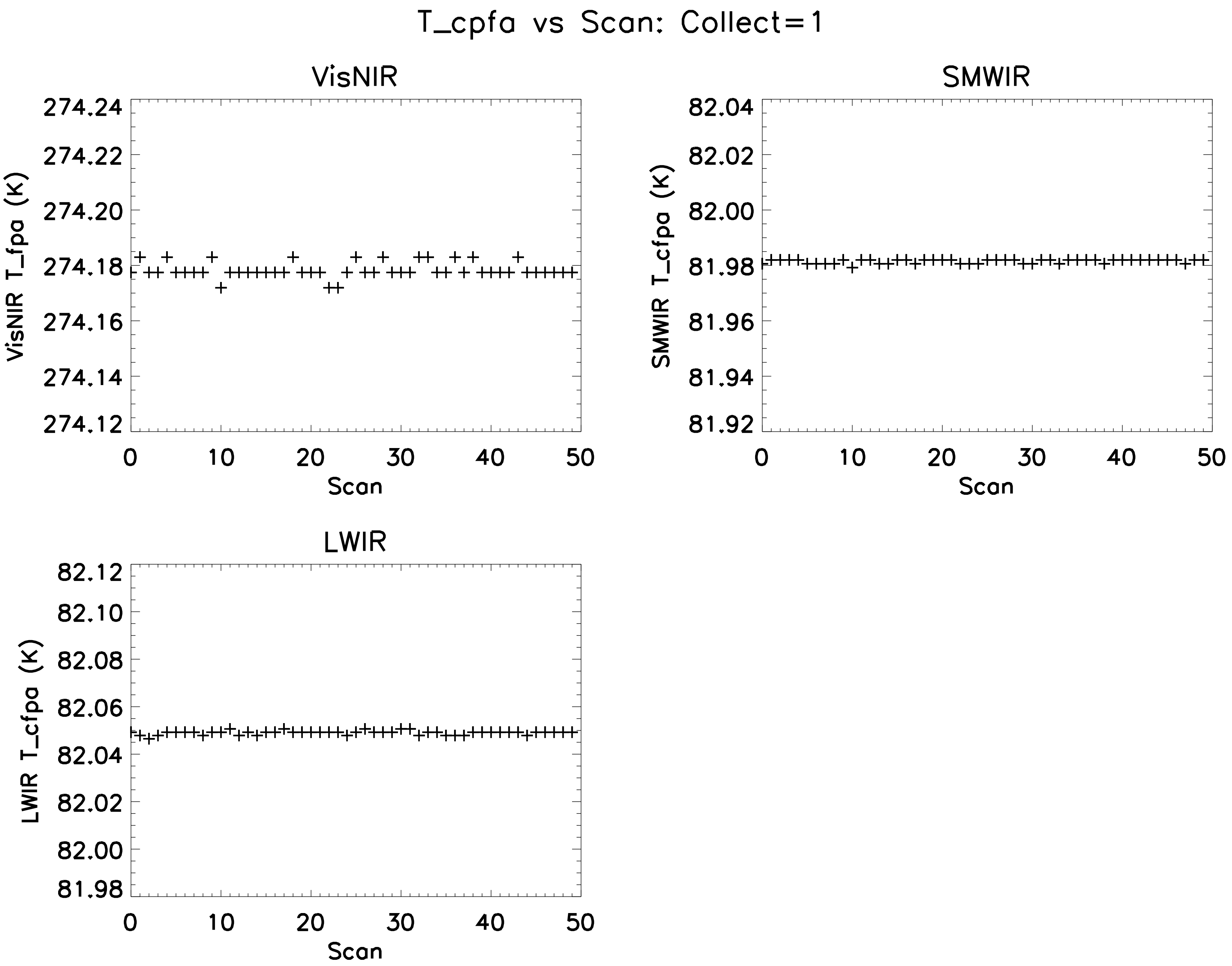

Collect = 159
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

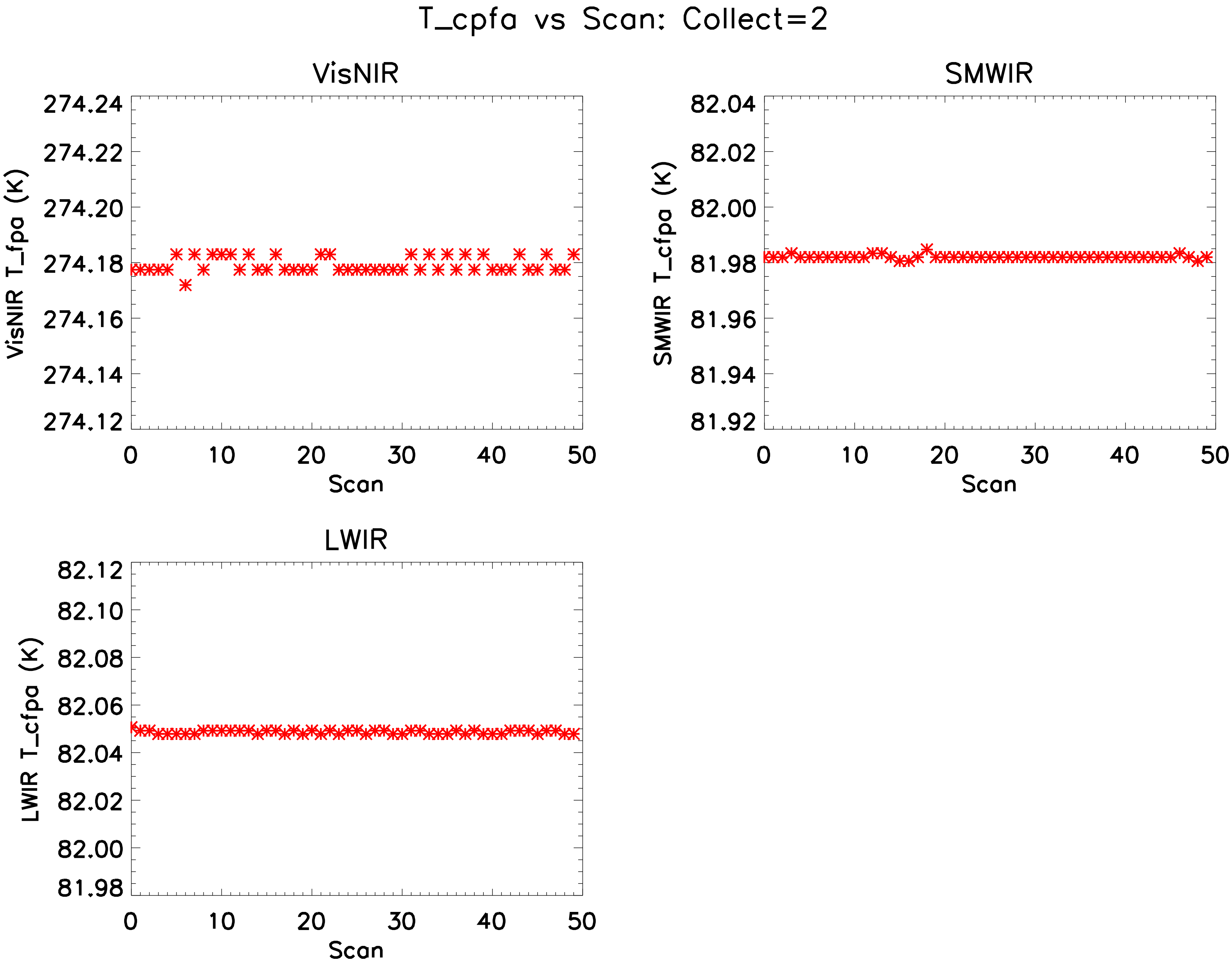

Collect = 160
LWIR T_cfpo (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

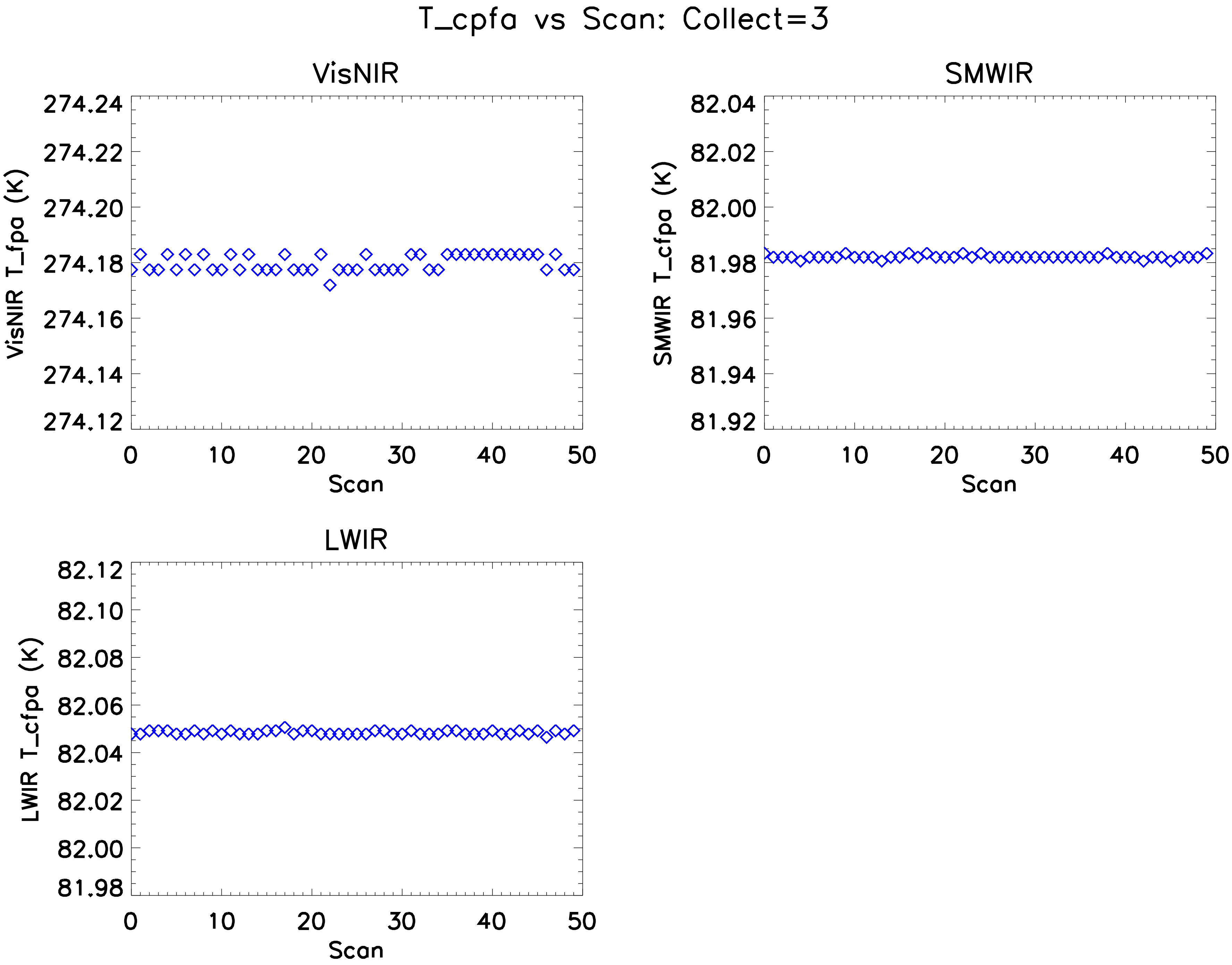

Collect = 161
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

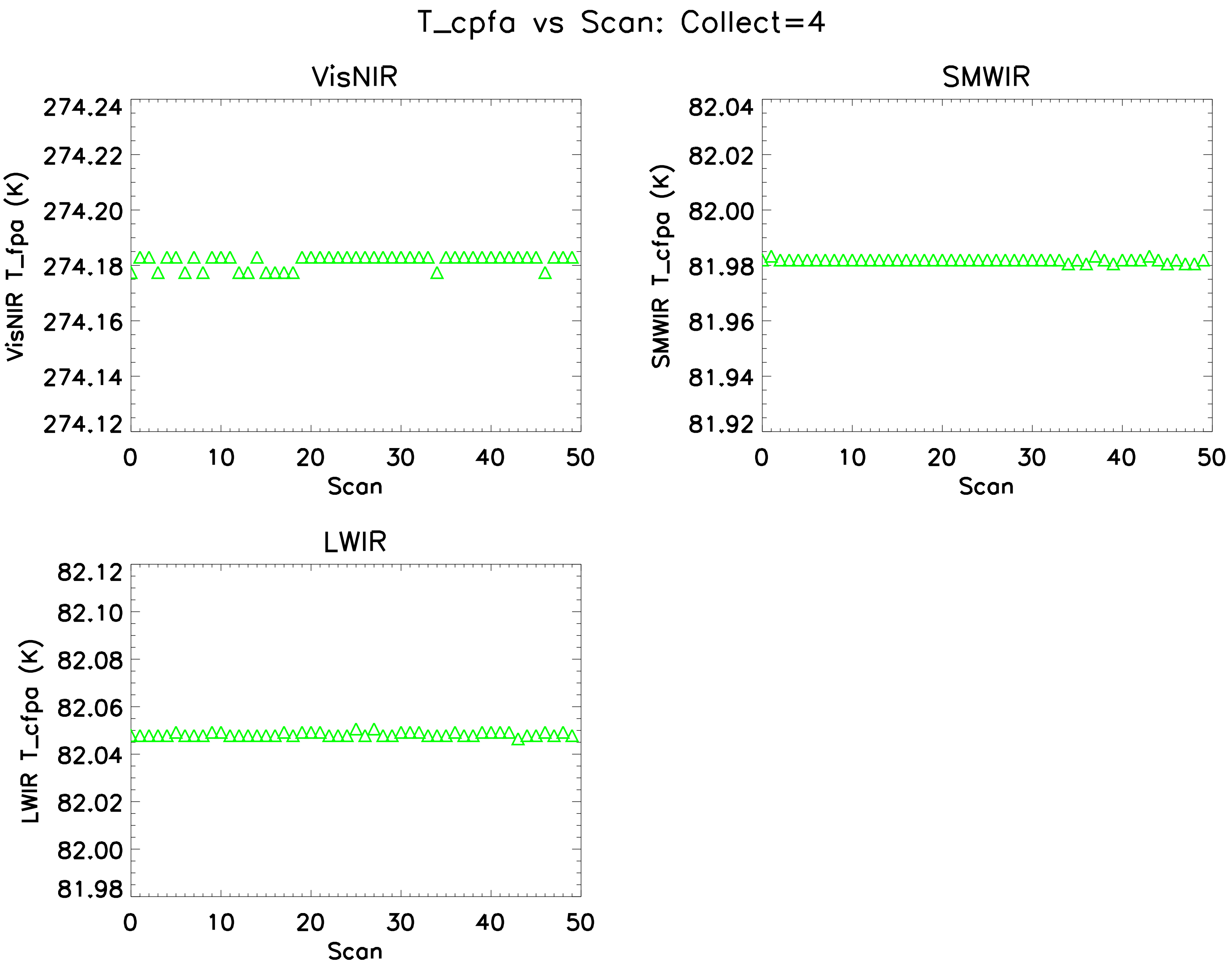

Collect = 162
LWIR T_cfpo (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

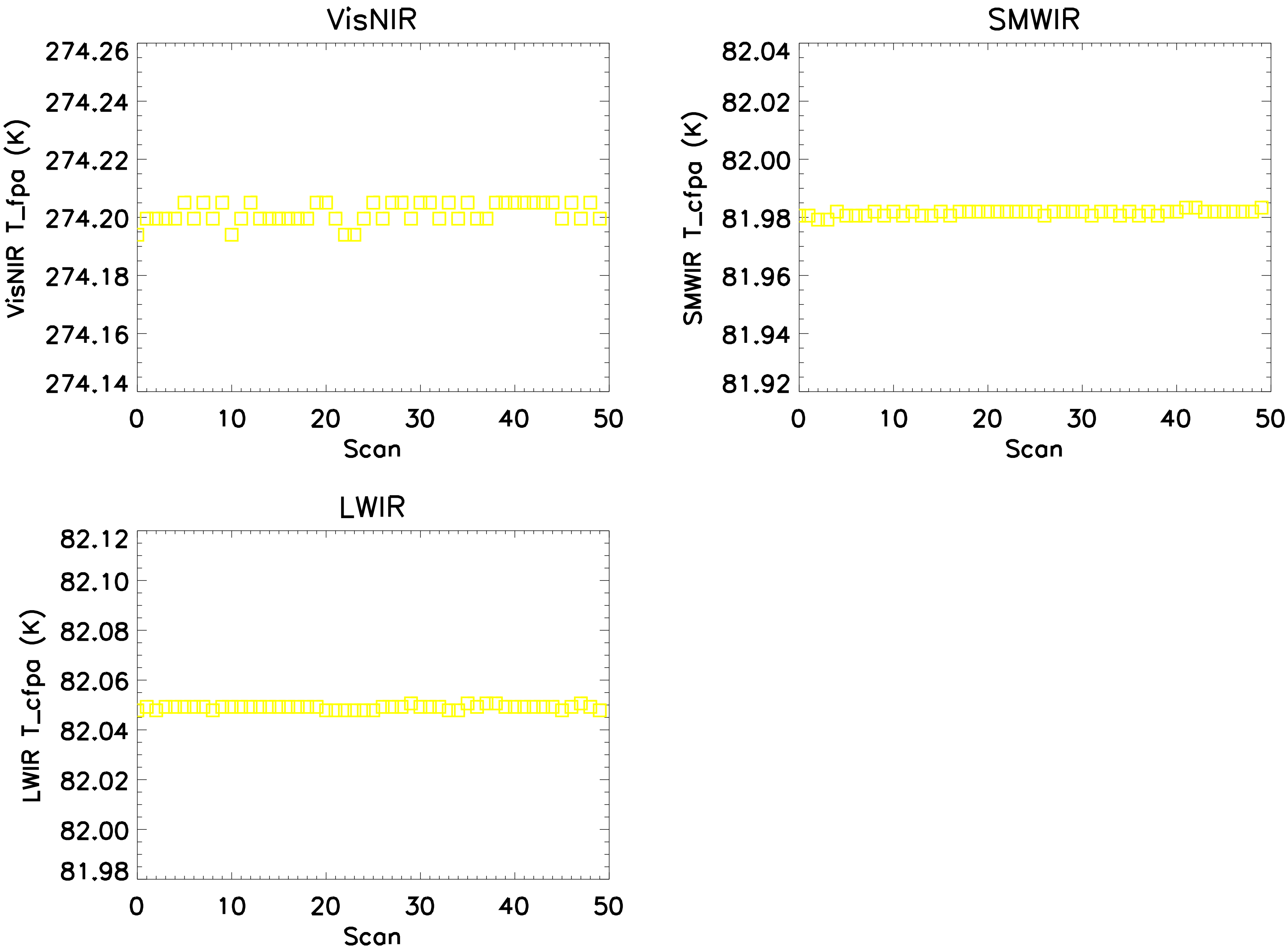

LWIR T_cfpa vs Scan
Collect=163
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan
Collect=164
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

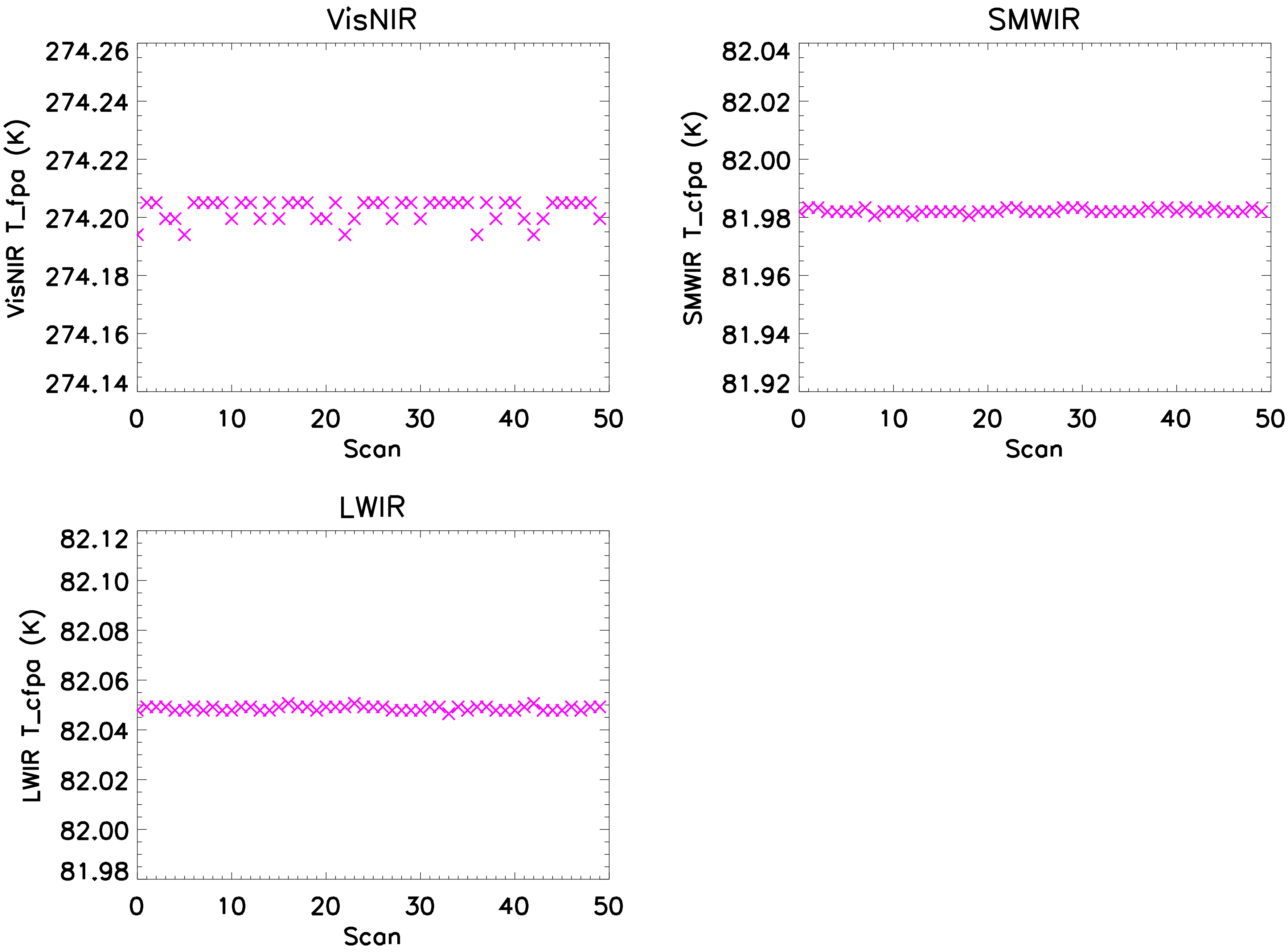

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

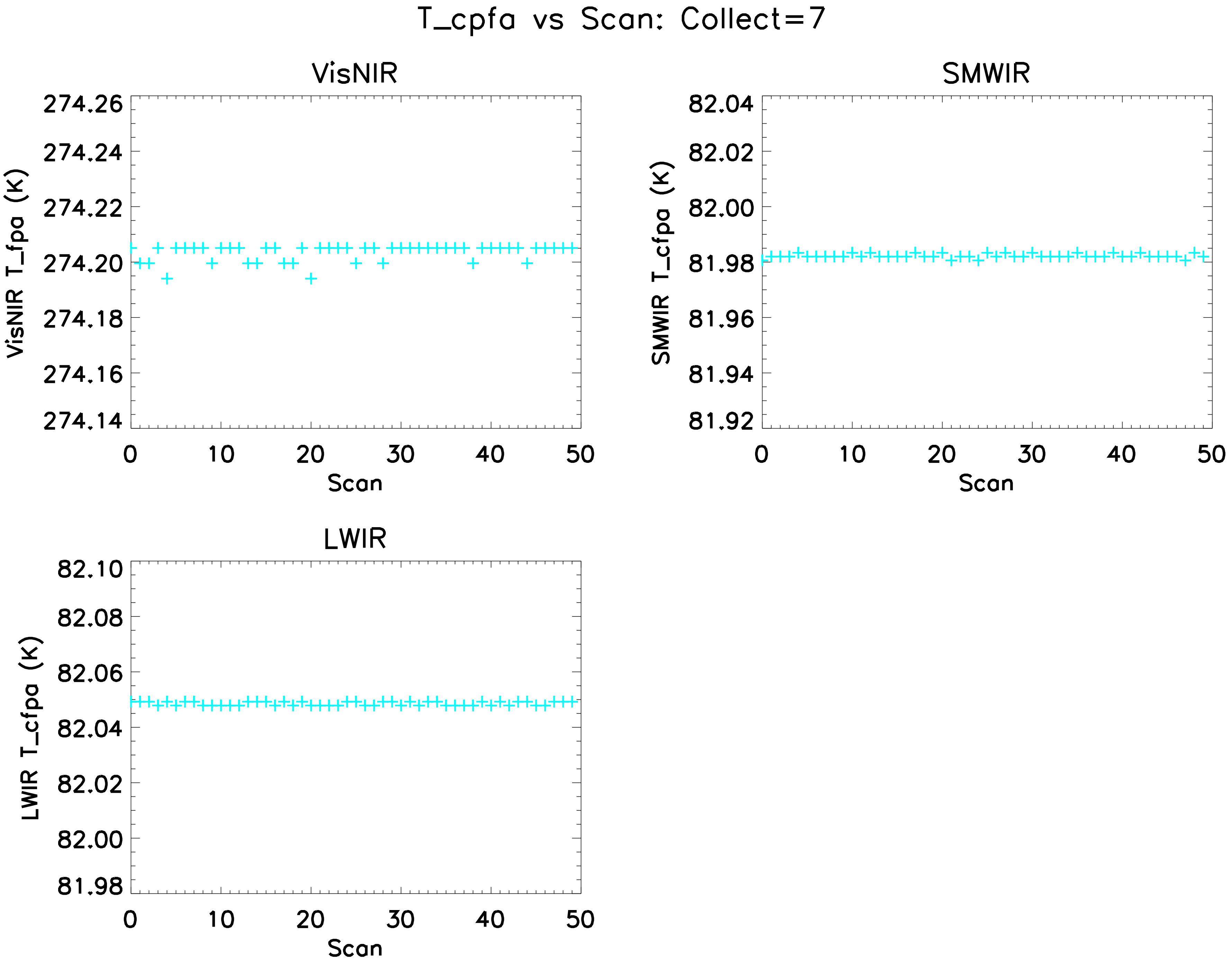

T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

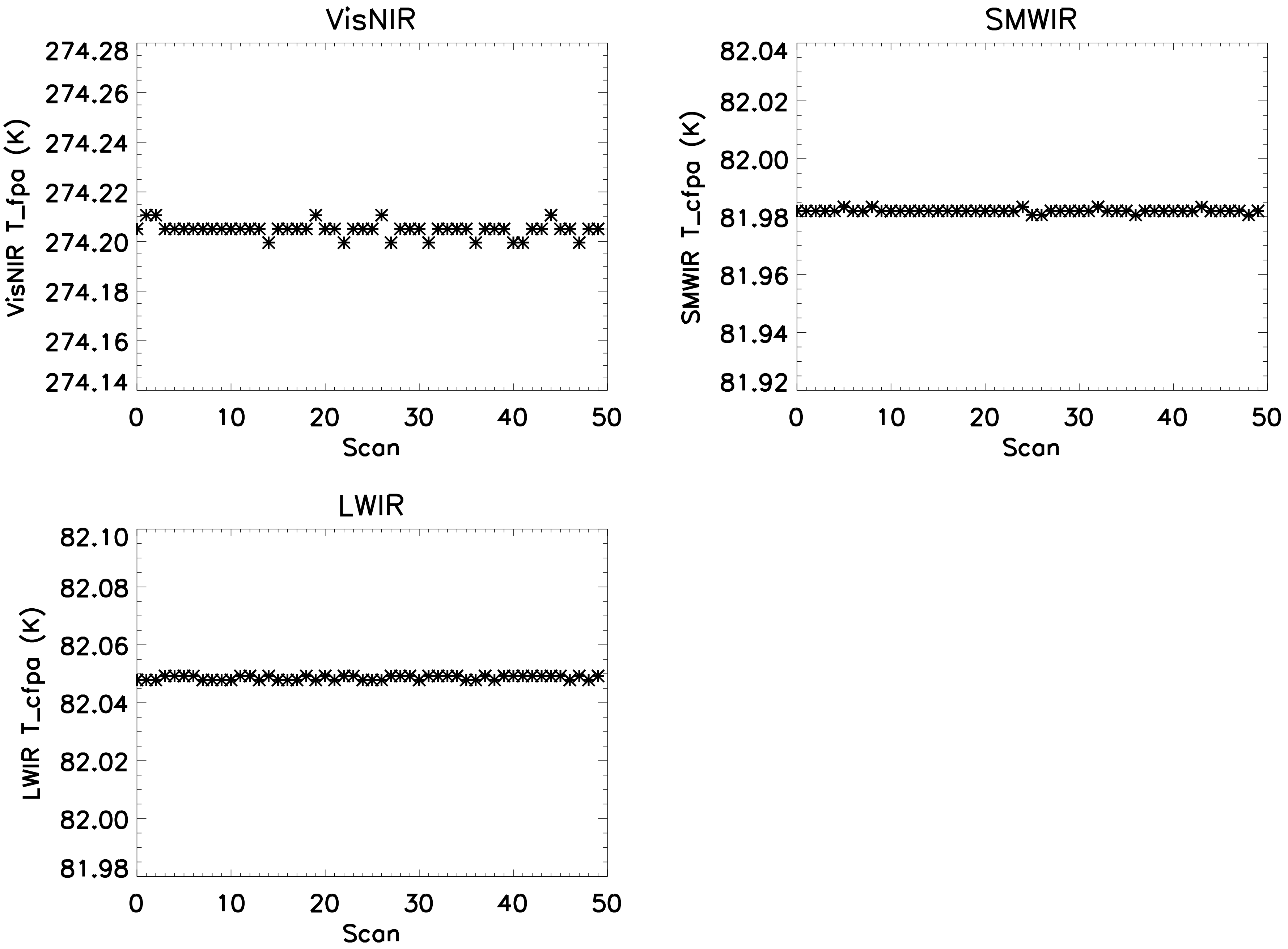

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

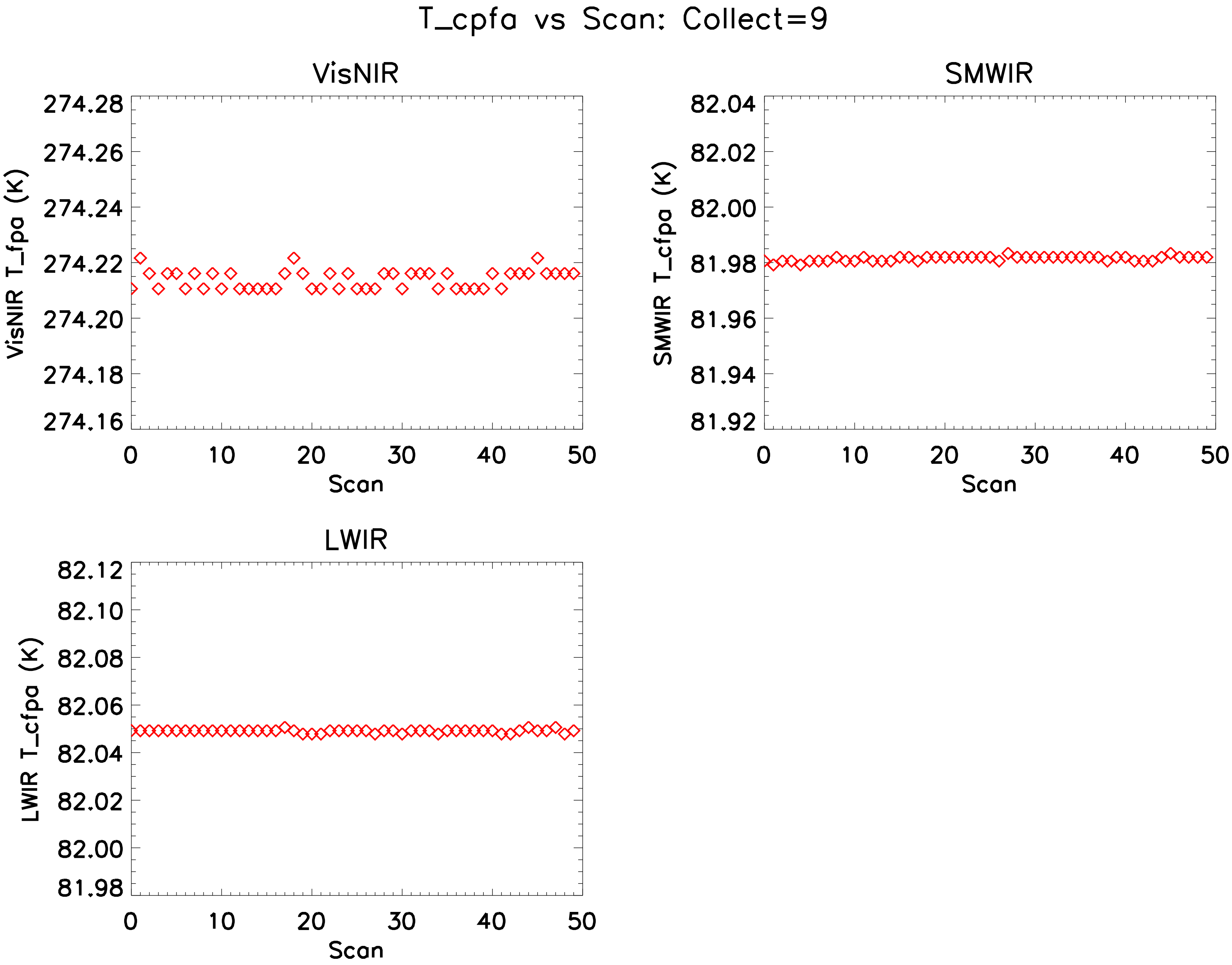

T_cpfa vs Scan: Collect=5

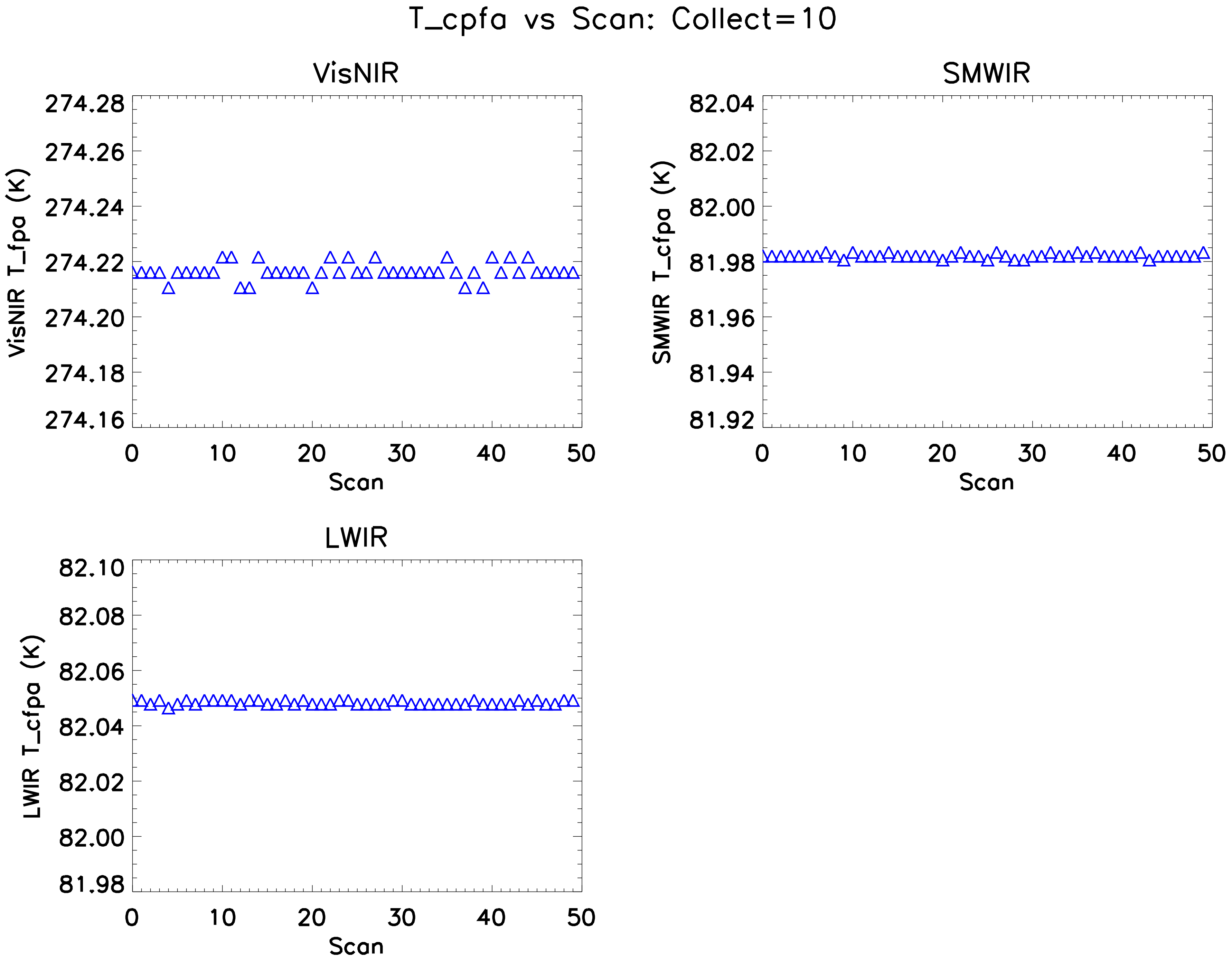

T_cpfa vs Scan: Collect=6

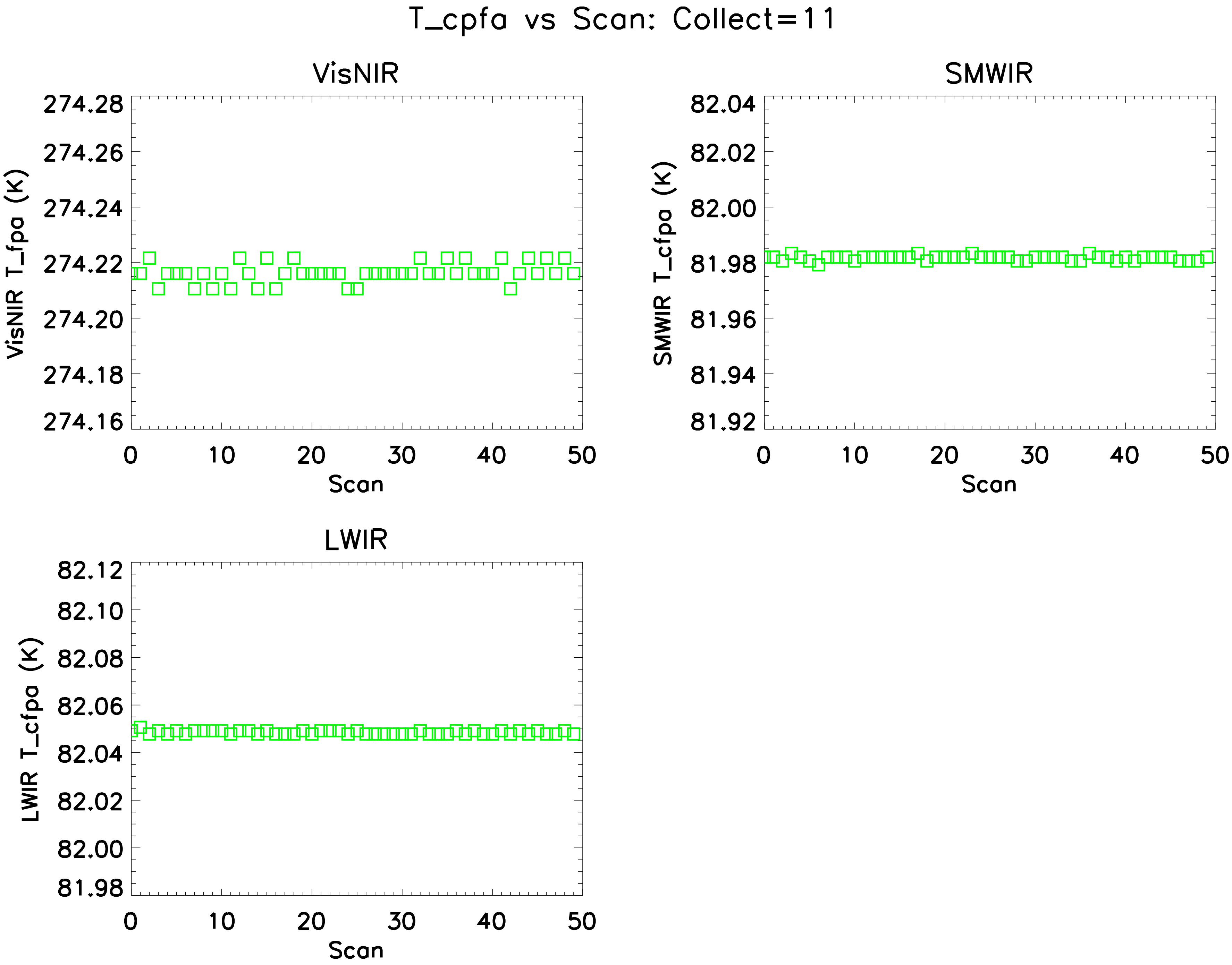

T_cpfa vs Scan: Collect=7
VisNIR
VisNIR T_fpa (K)
274.26
274.24
274.22
274.20
274.18
274.16
274.14
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=8

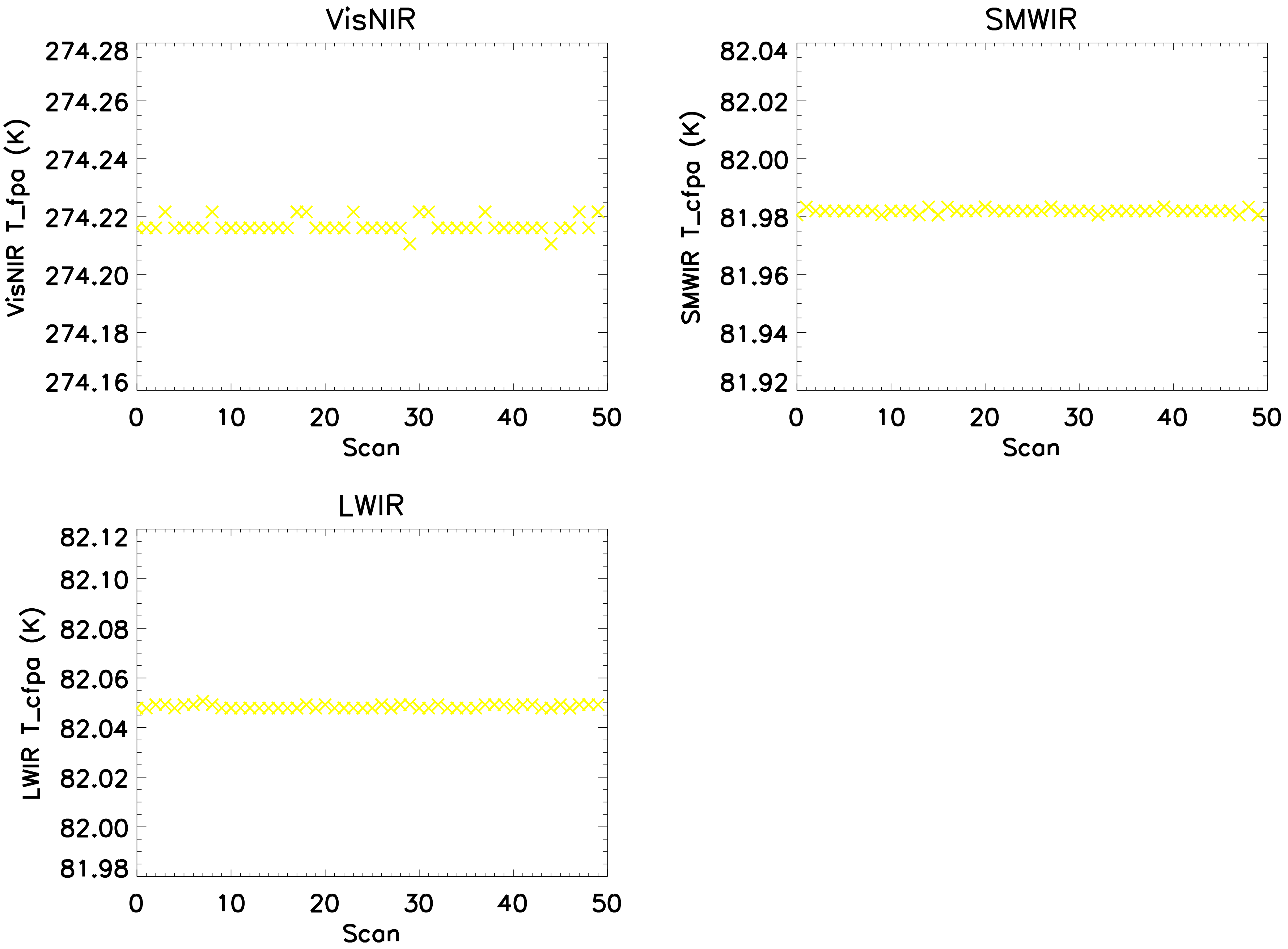


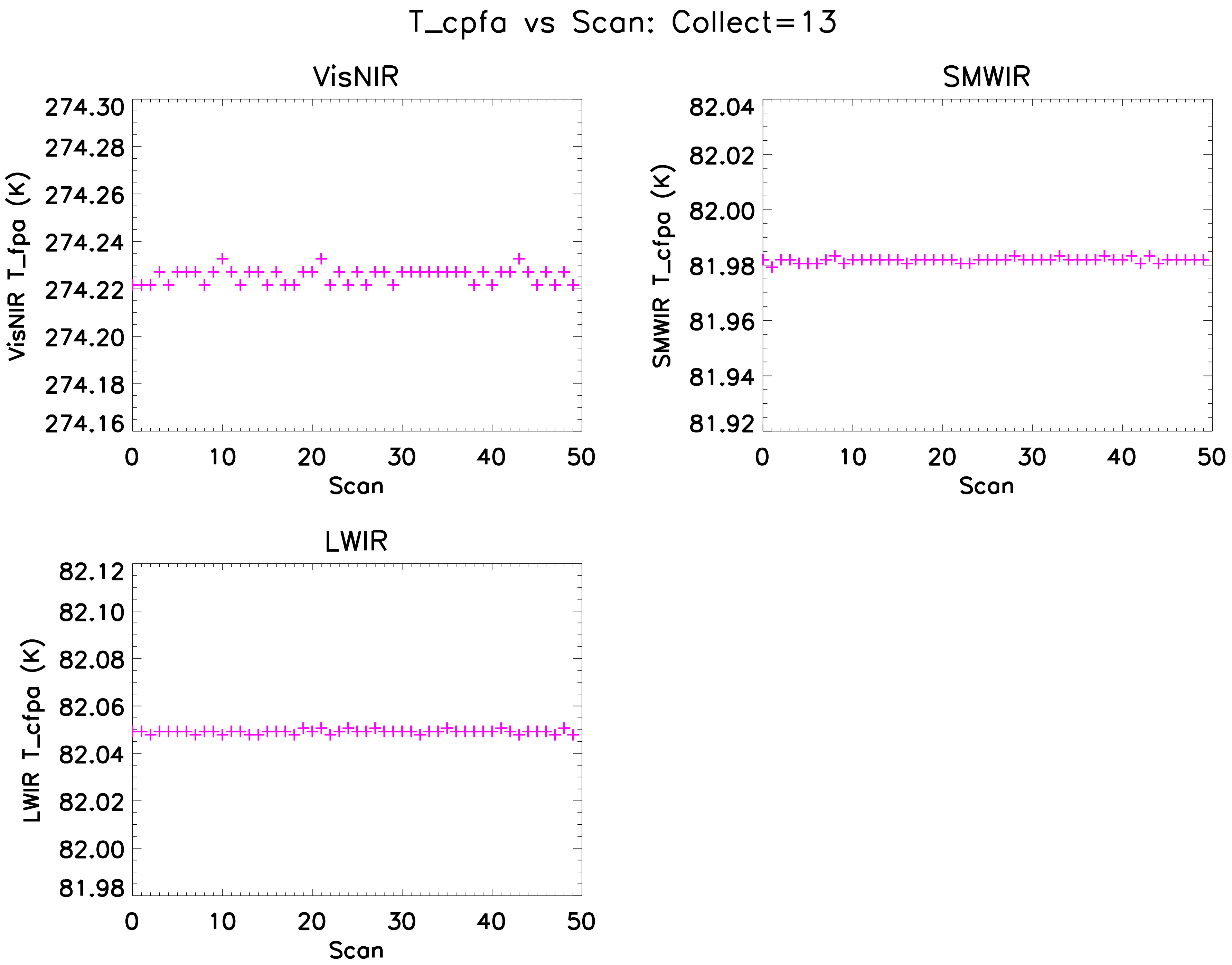

T_cpfa vs Scan: Collect=9
VisNIR
VisNIR T_fpa (K)
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=10
VisNIR
VisNIR T_fpa (K)
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

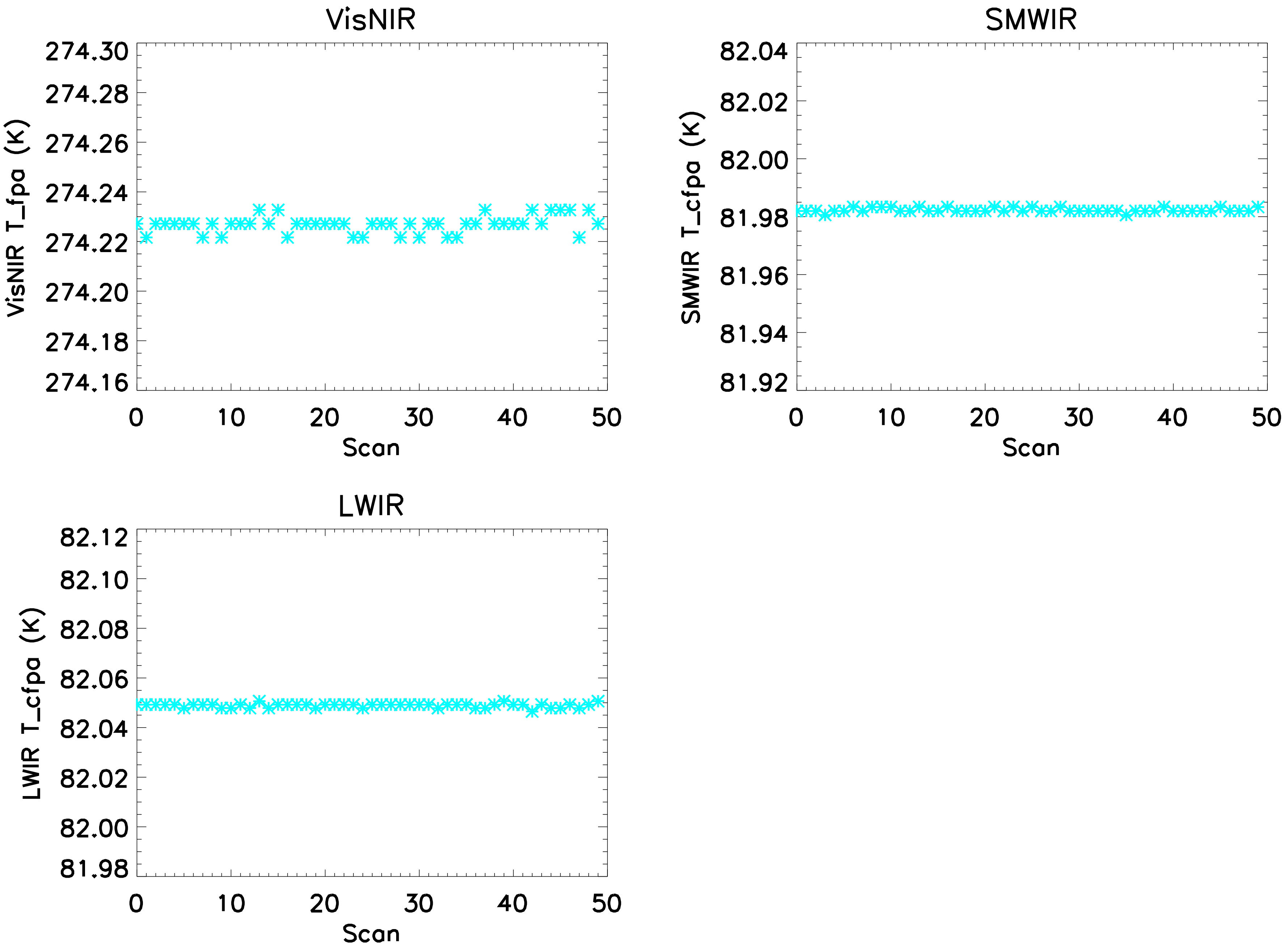

T_cpfa vs Scan: Collect=11
VisNIR
VisNIR T_fpa (K)
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

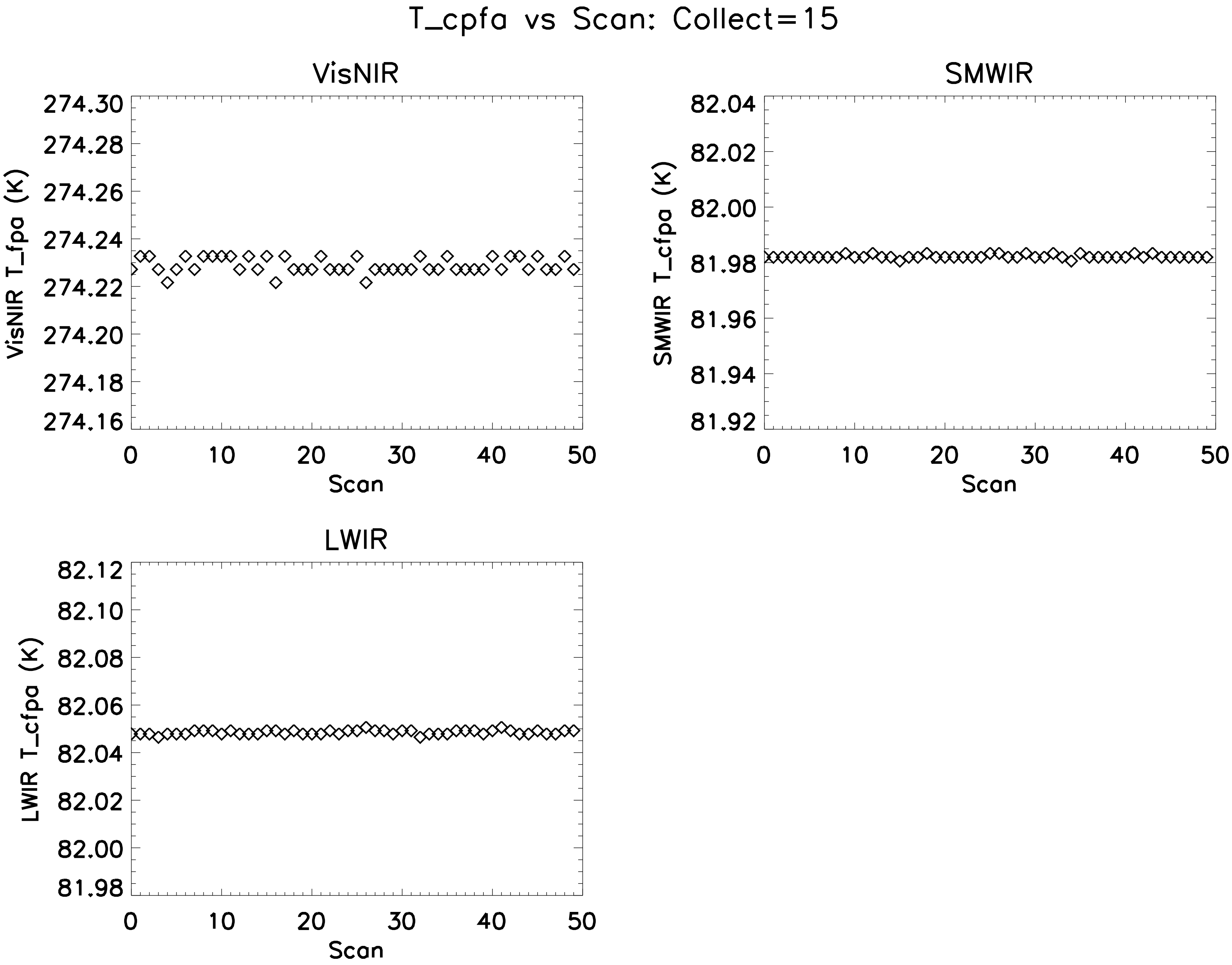
T_cpfa vs Scan: Collect=12



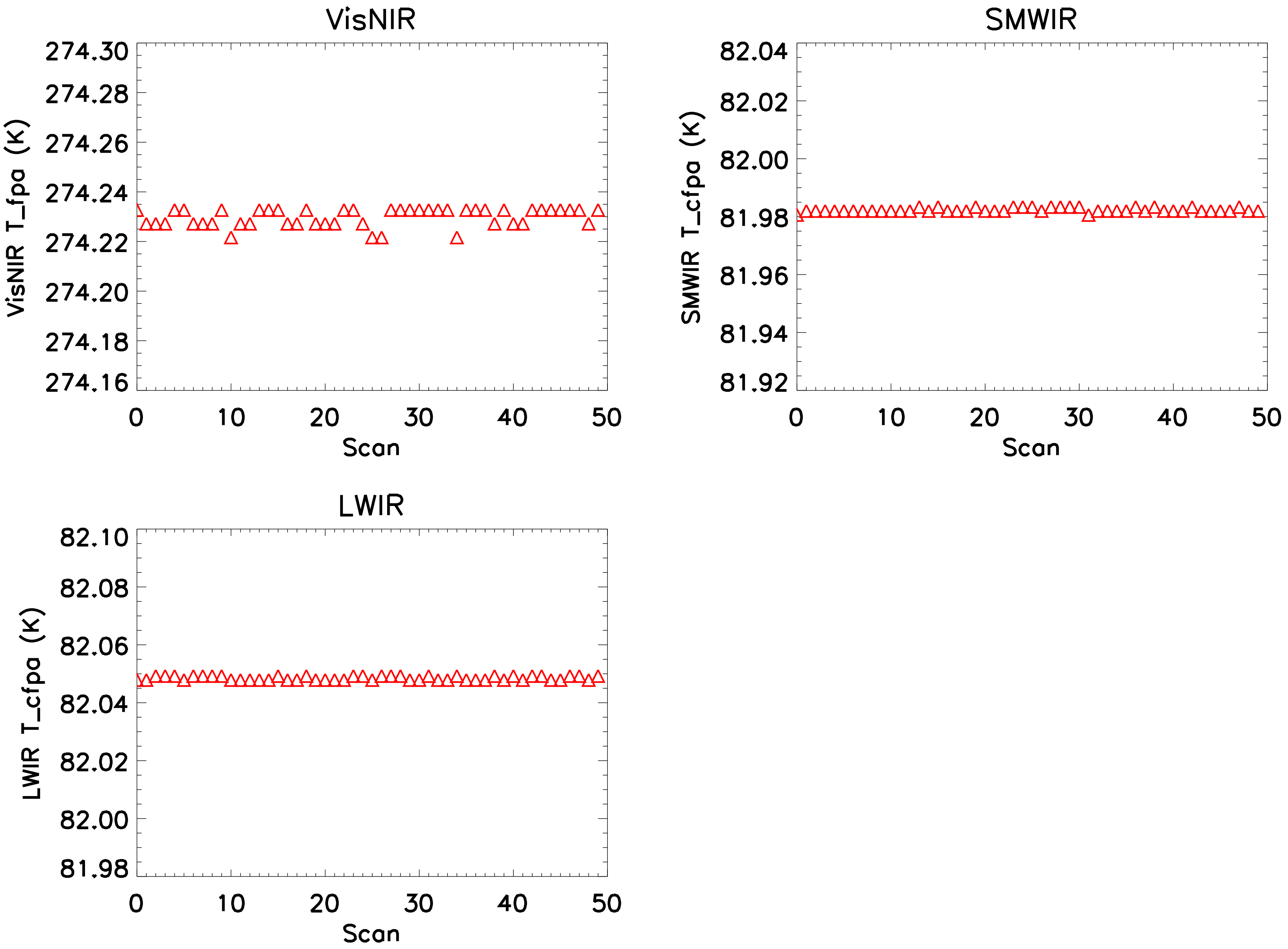

T_cpfa vs Scan: Collect=13
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

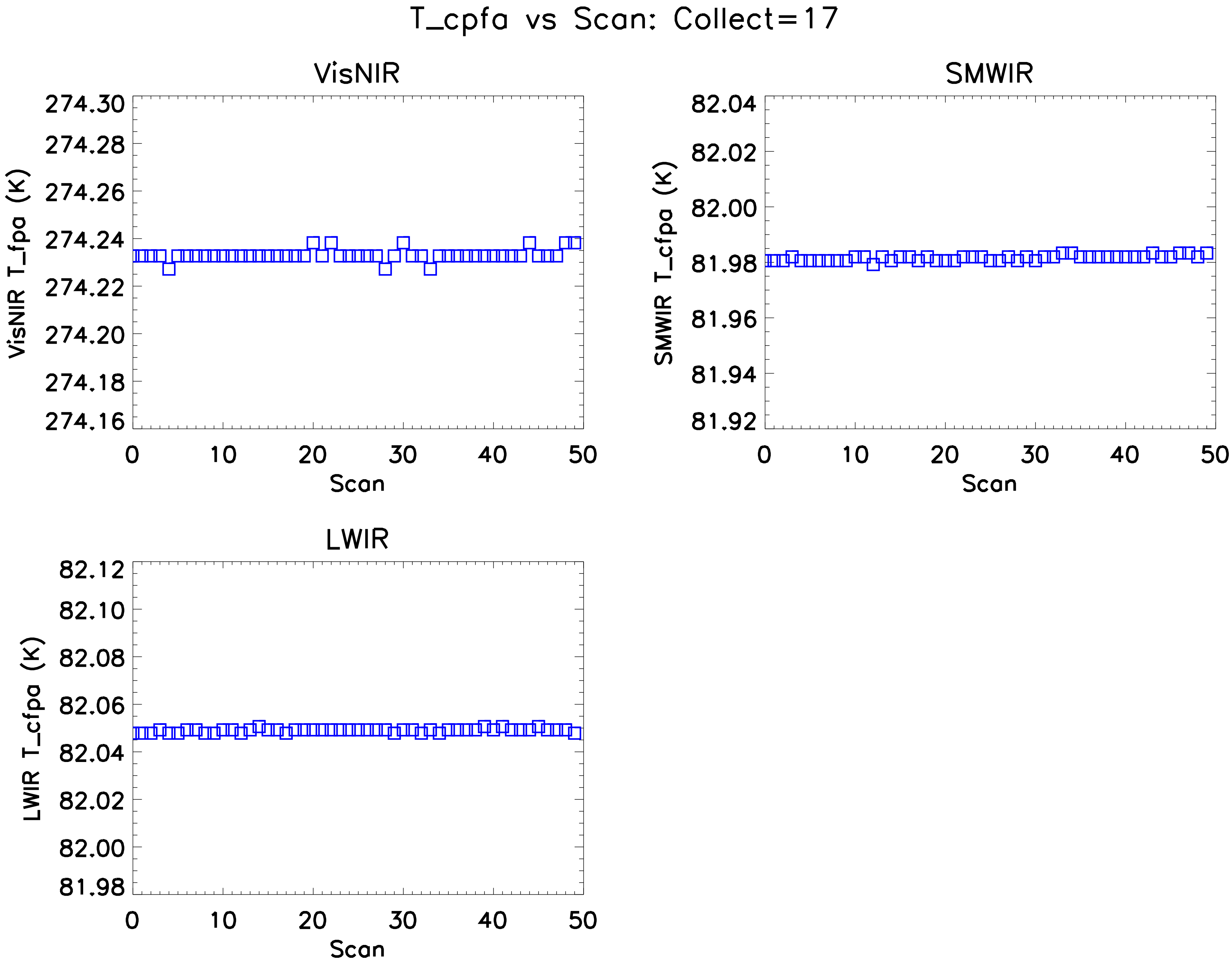
T_cpfa vs Scan: Collect=14

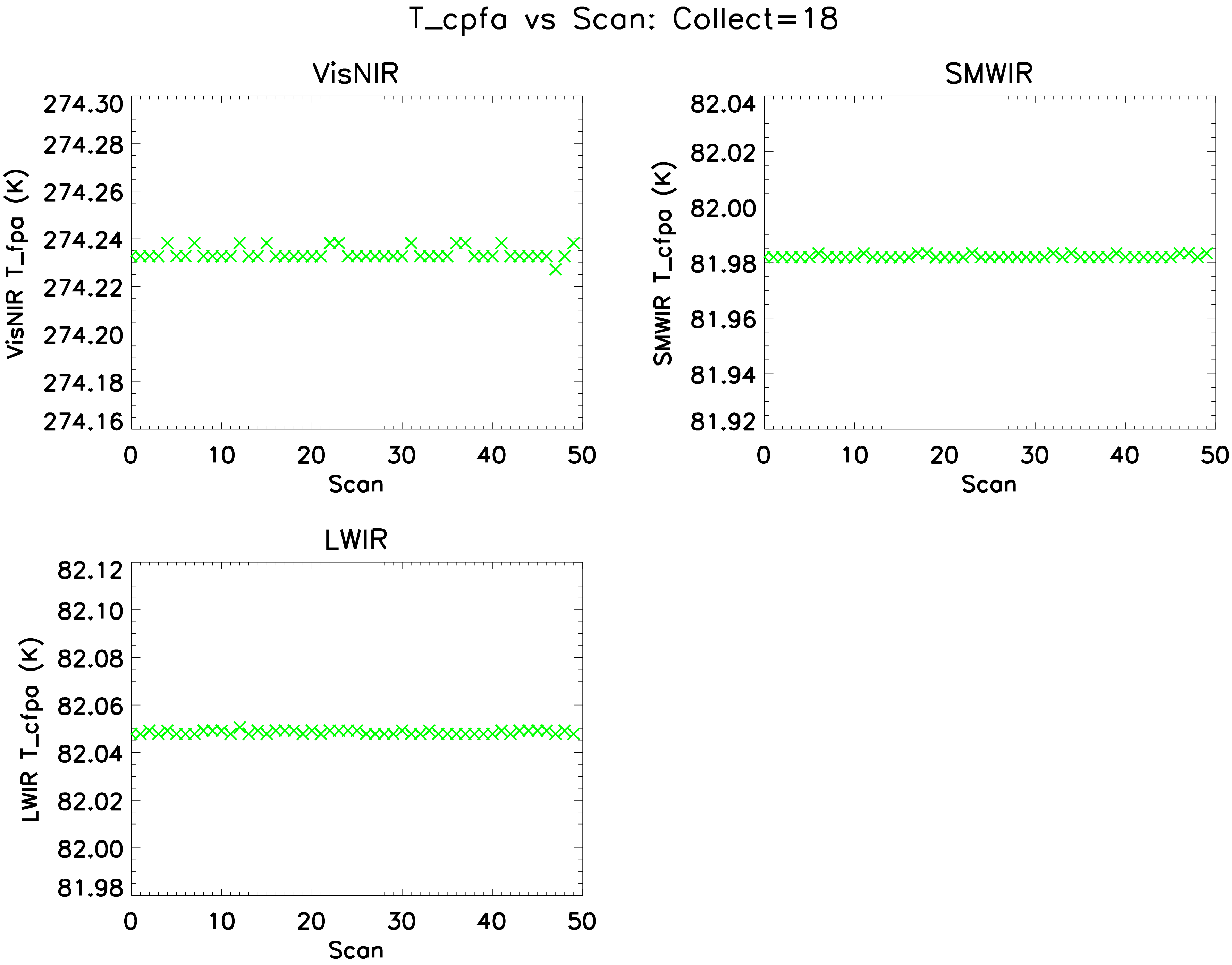


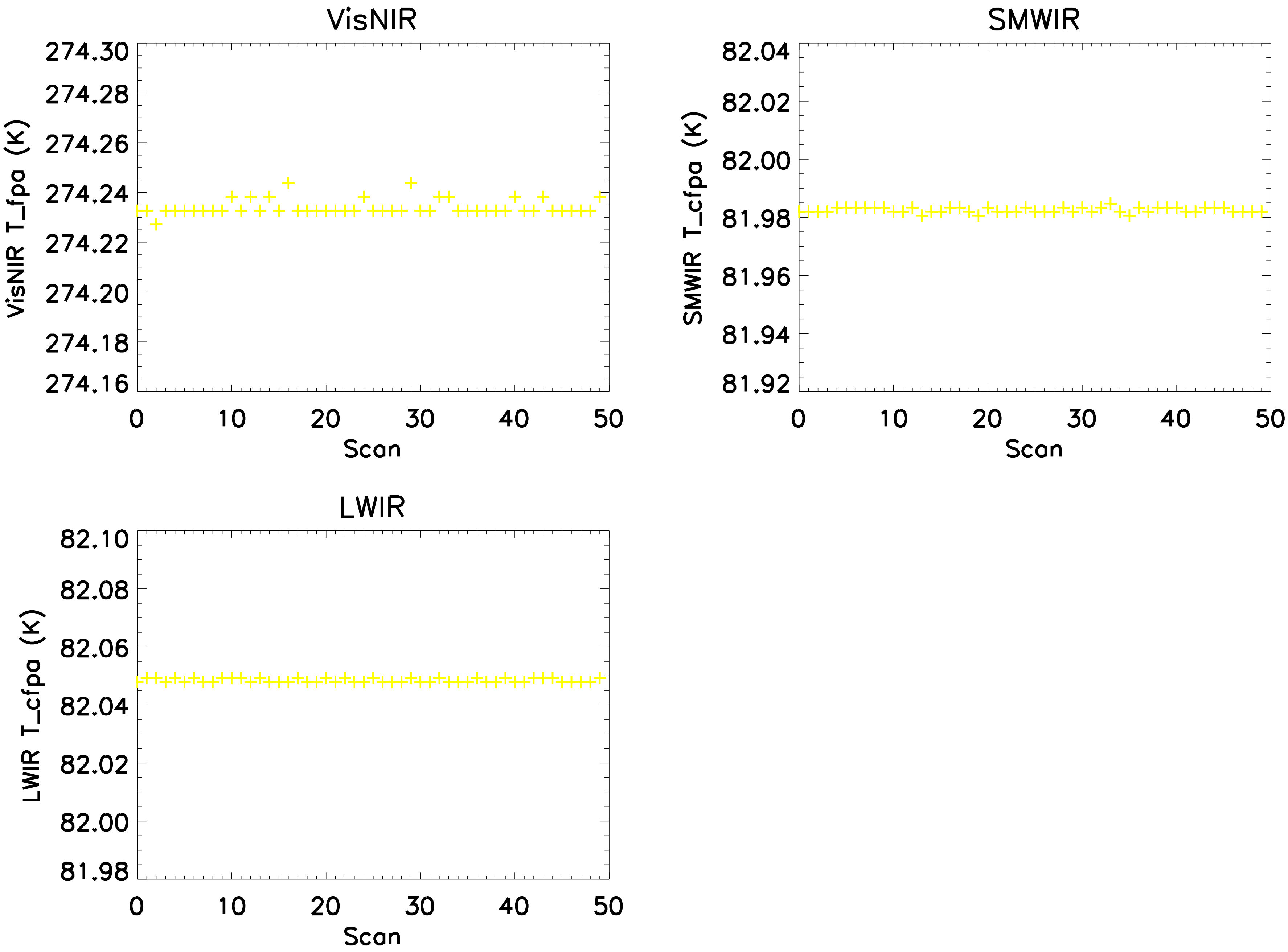

T_cpfa vs Scan: Collect=15
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=16

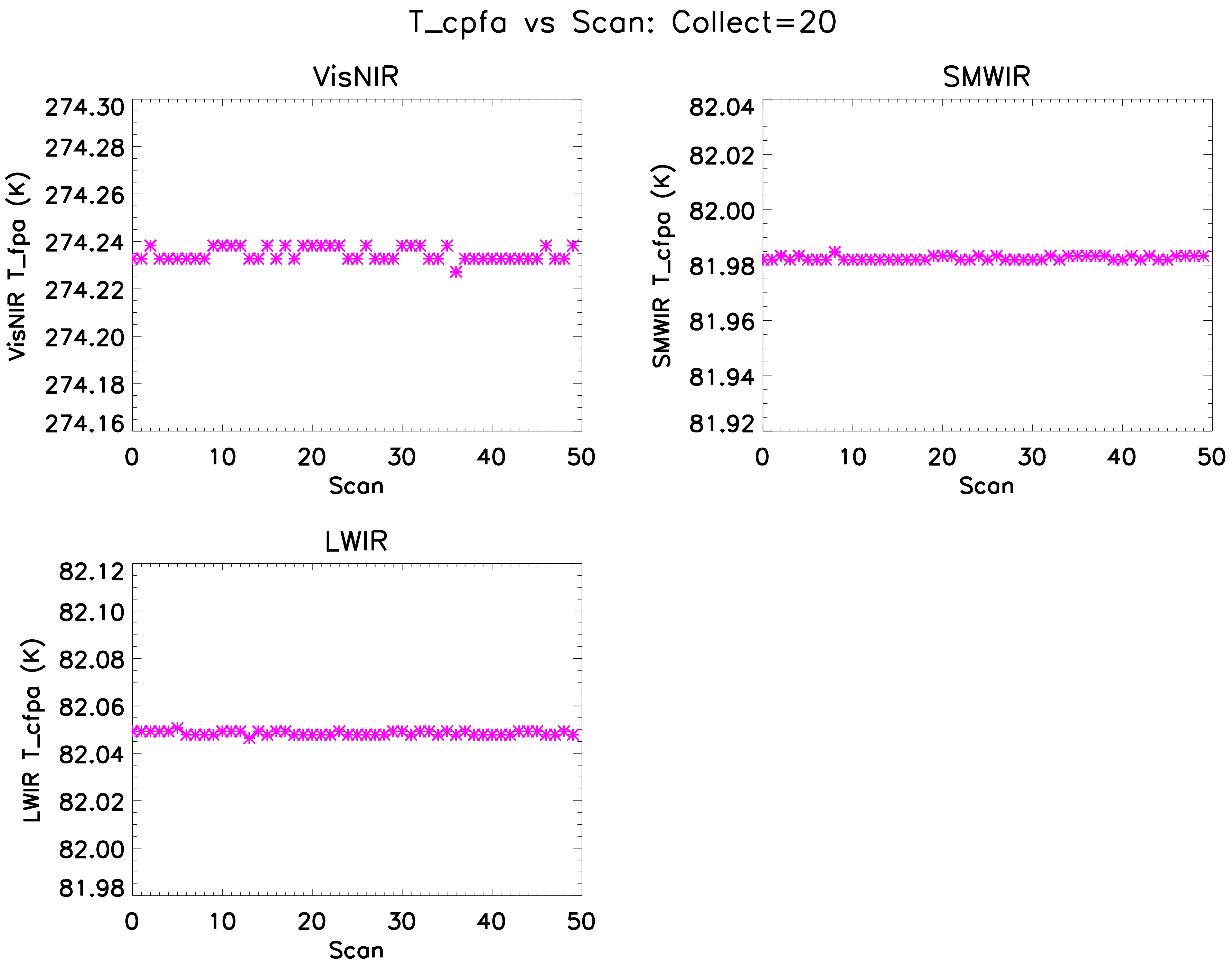



T_cpfa vs Scan: Collect=17
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

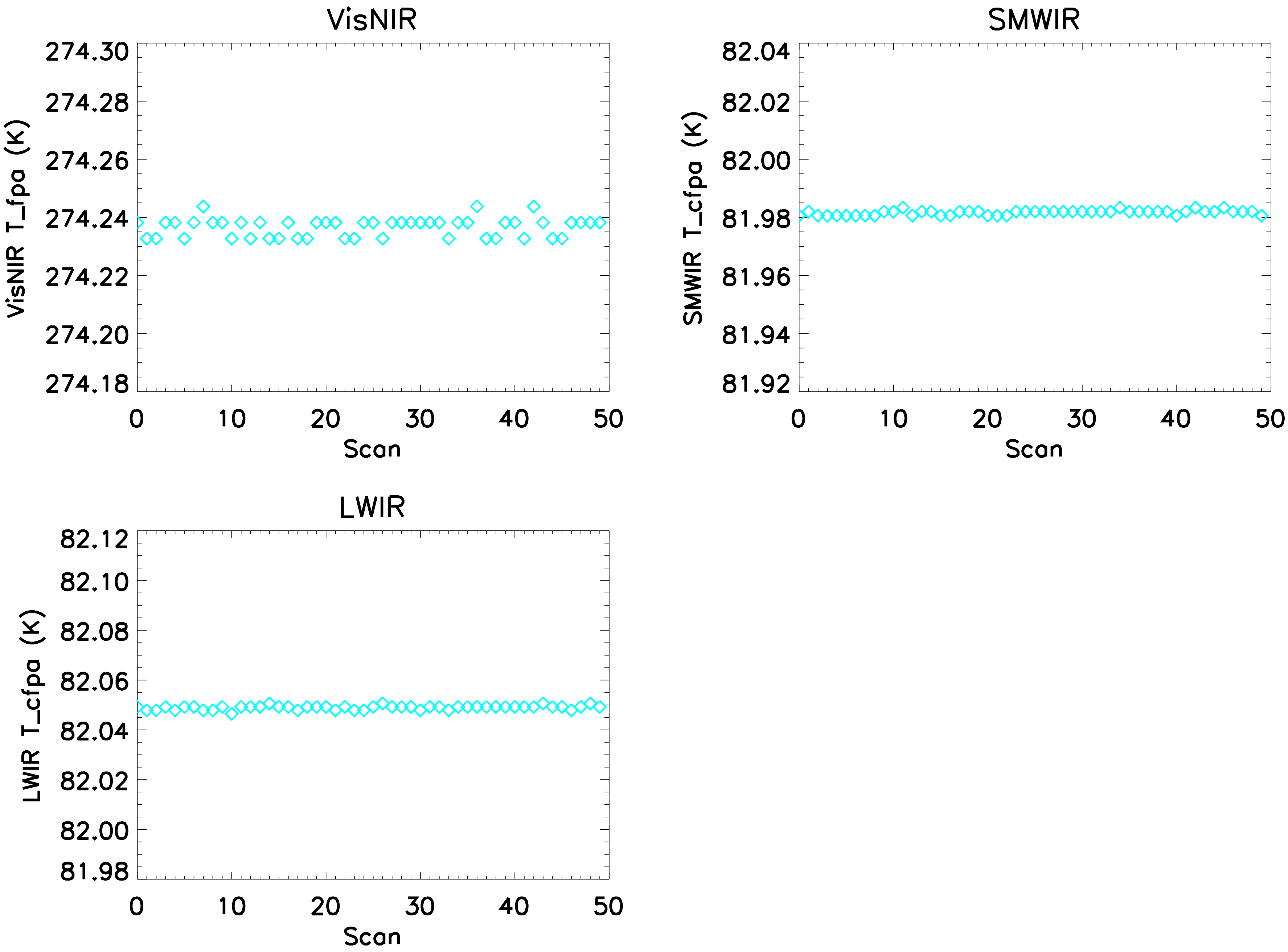

T_cpfa vs Scan: Collect=18
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

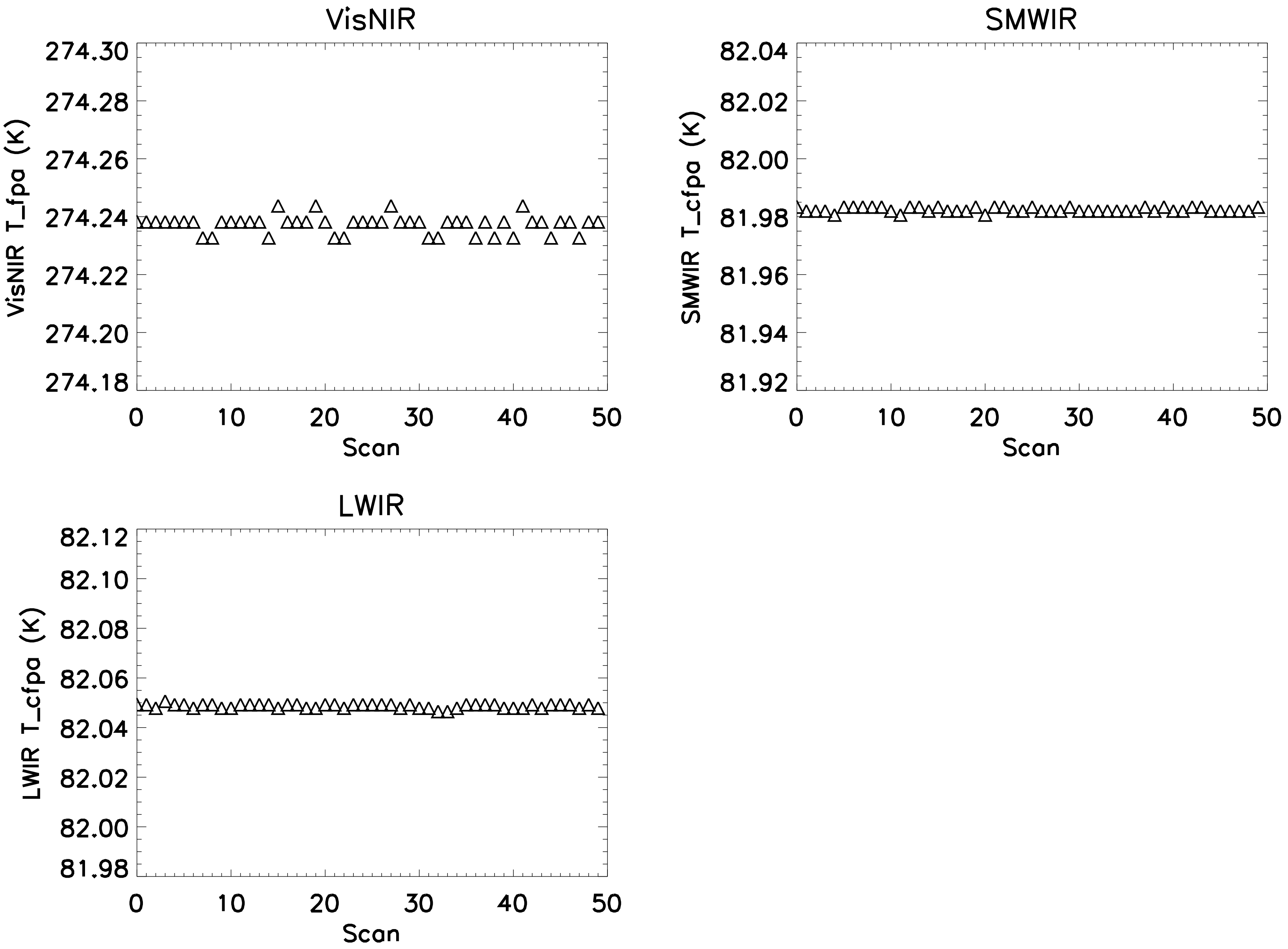


T_cpfa vs Scan: Collect=19

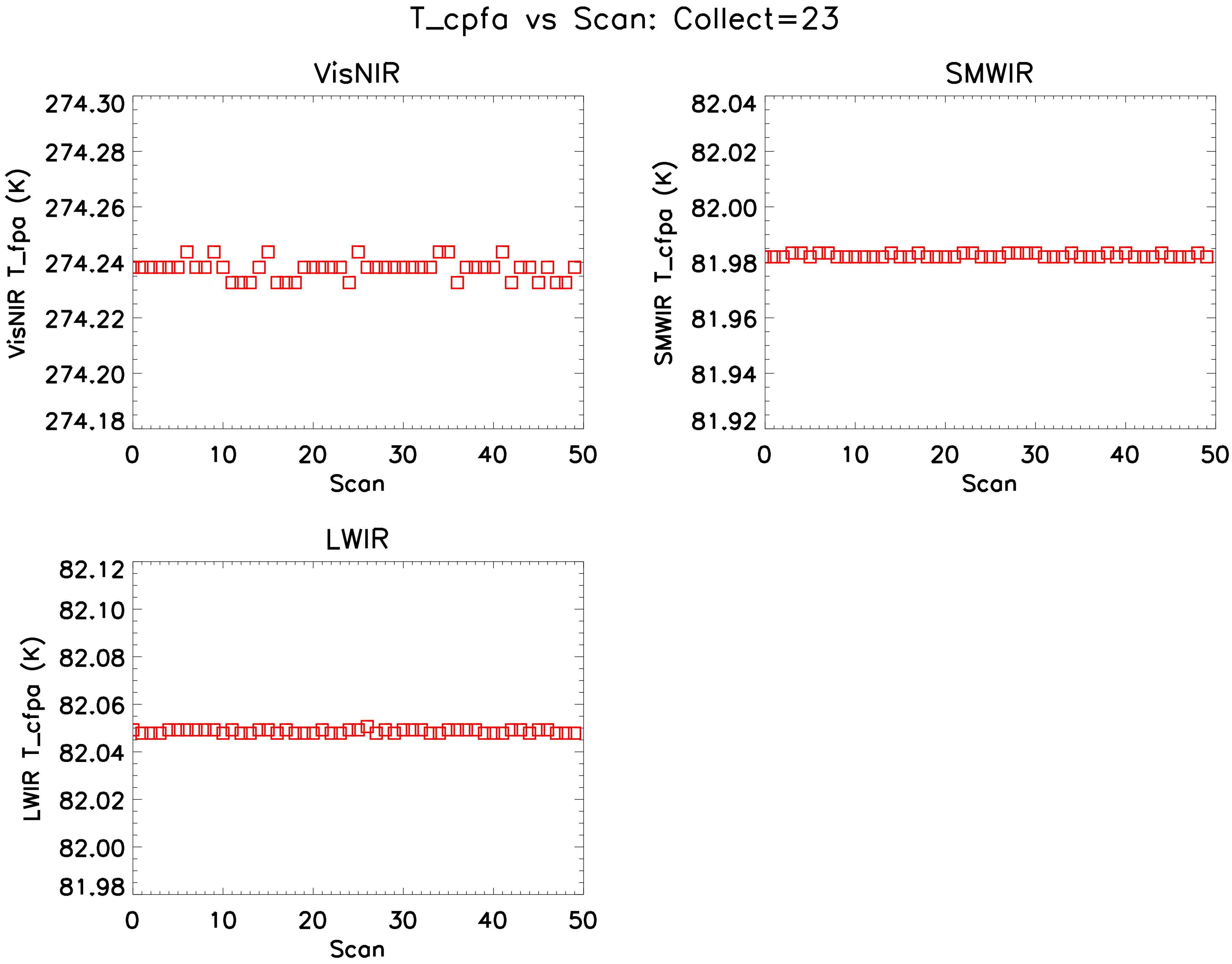

T_cpfa vs Scan: Collect=20
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

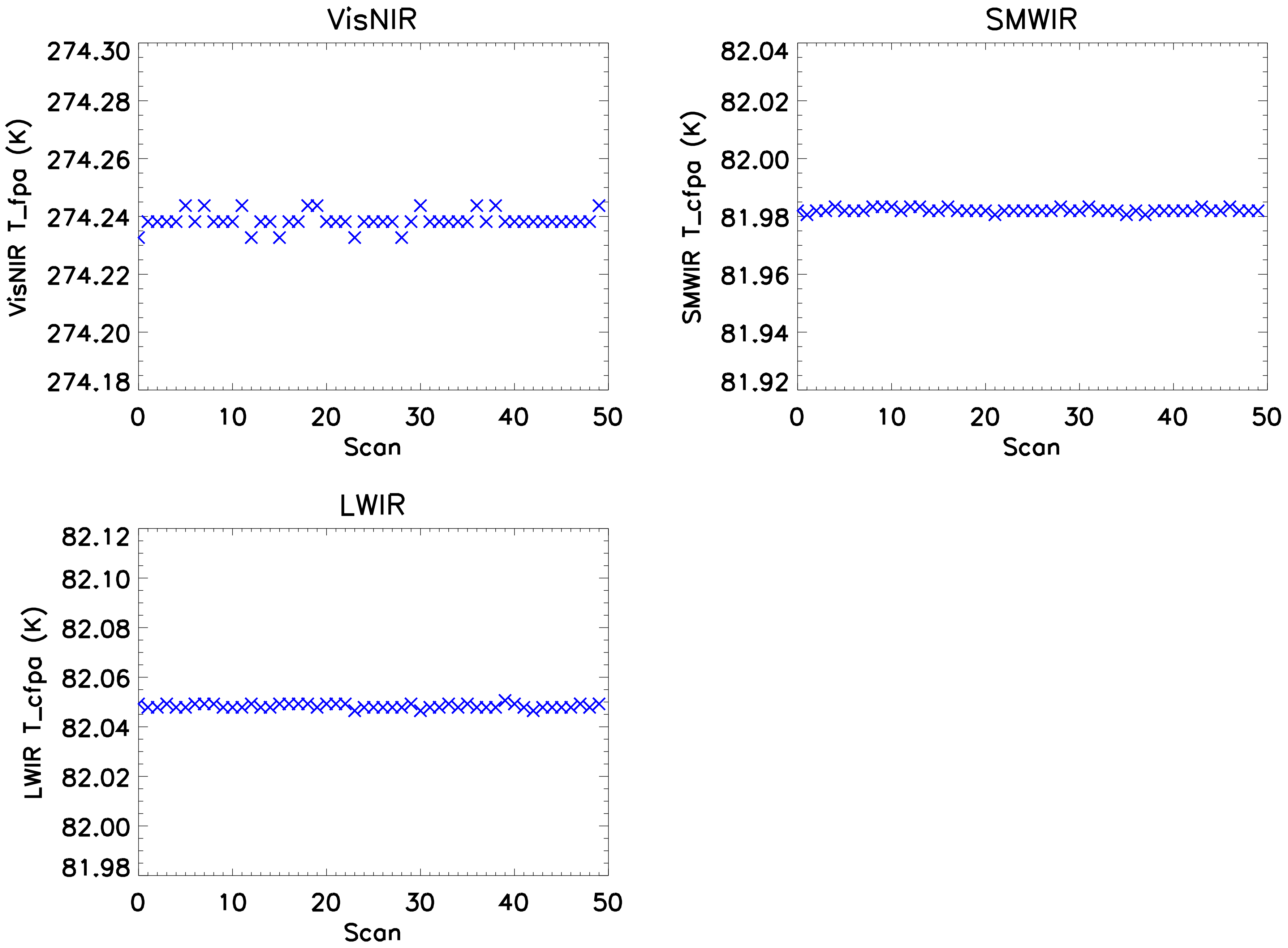
T_cpfa vs Scan: Collect=21

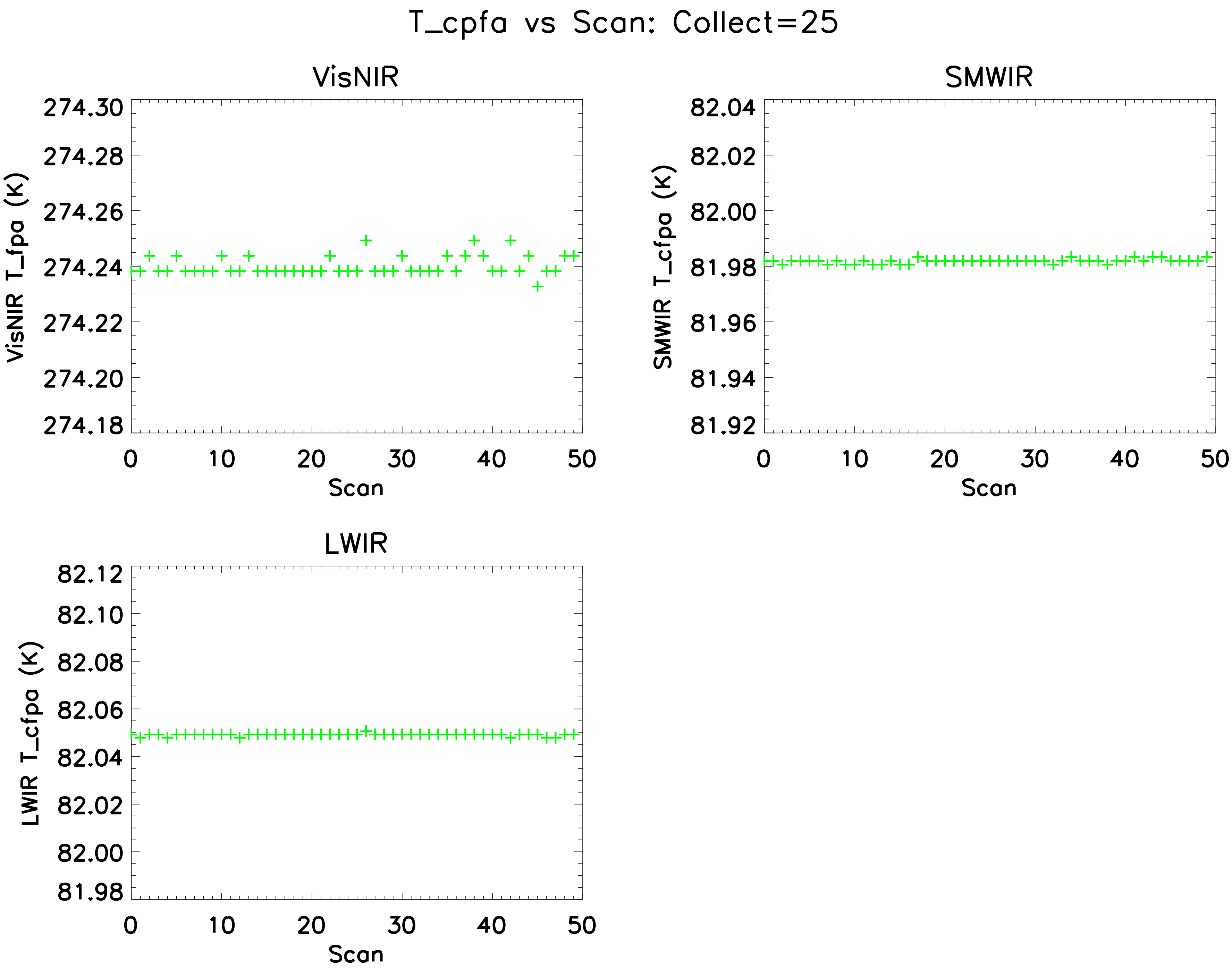




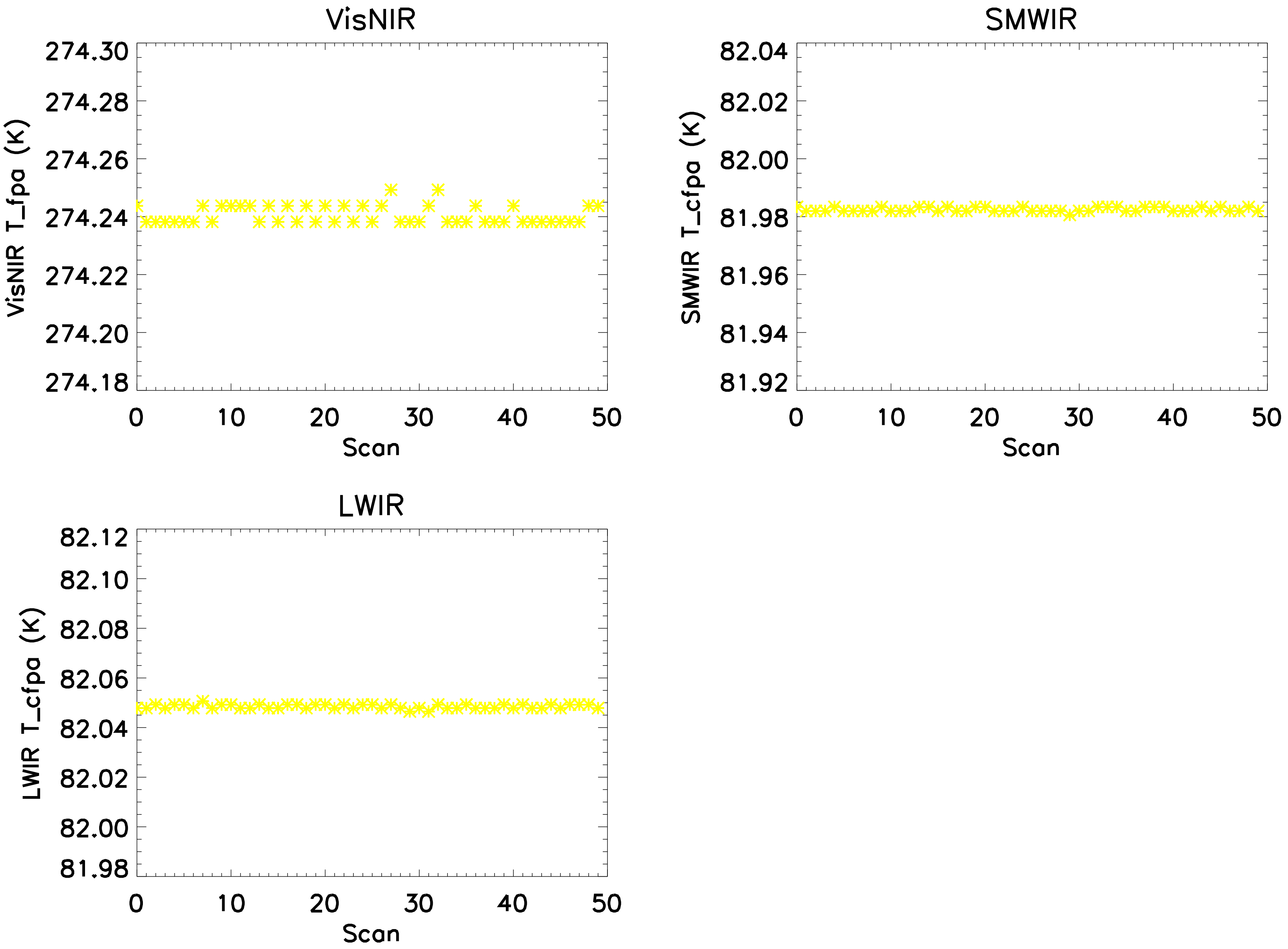
T_cpfa vs Scan: Collect=22

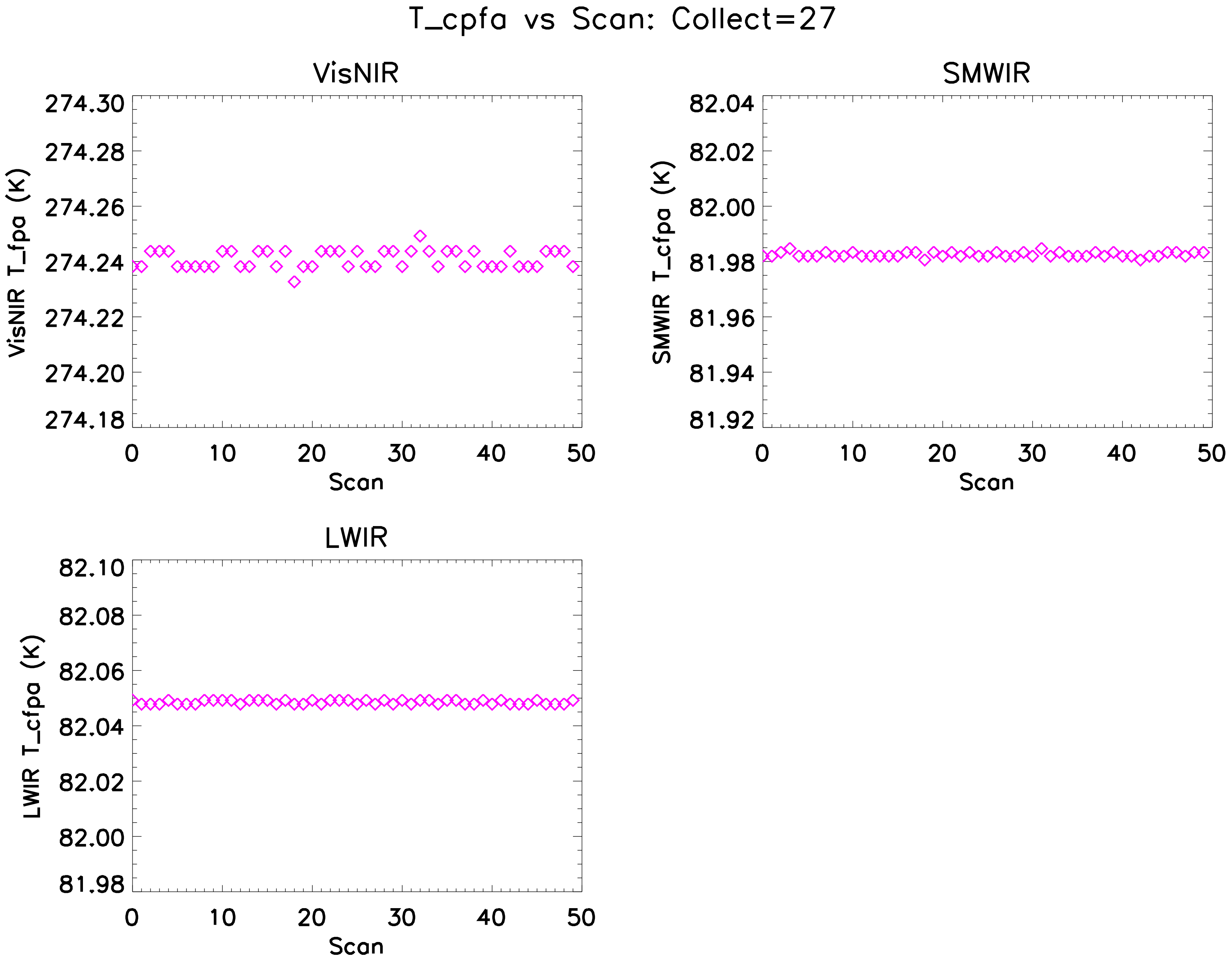

T_cpfa vs Scan: Collect=23
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

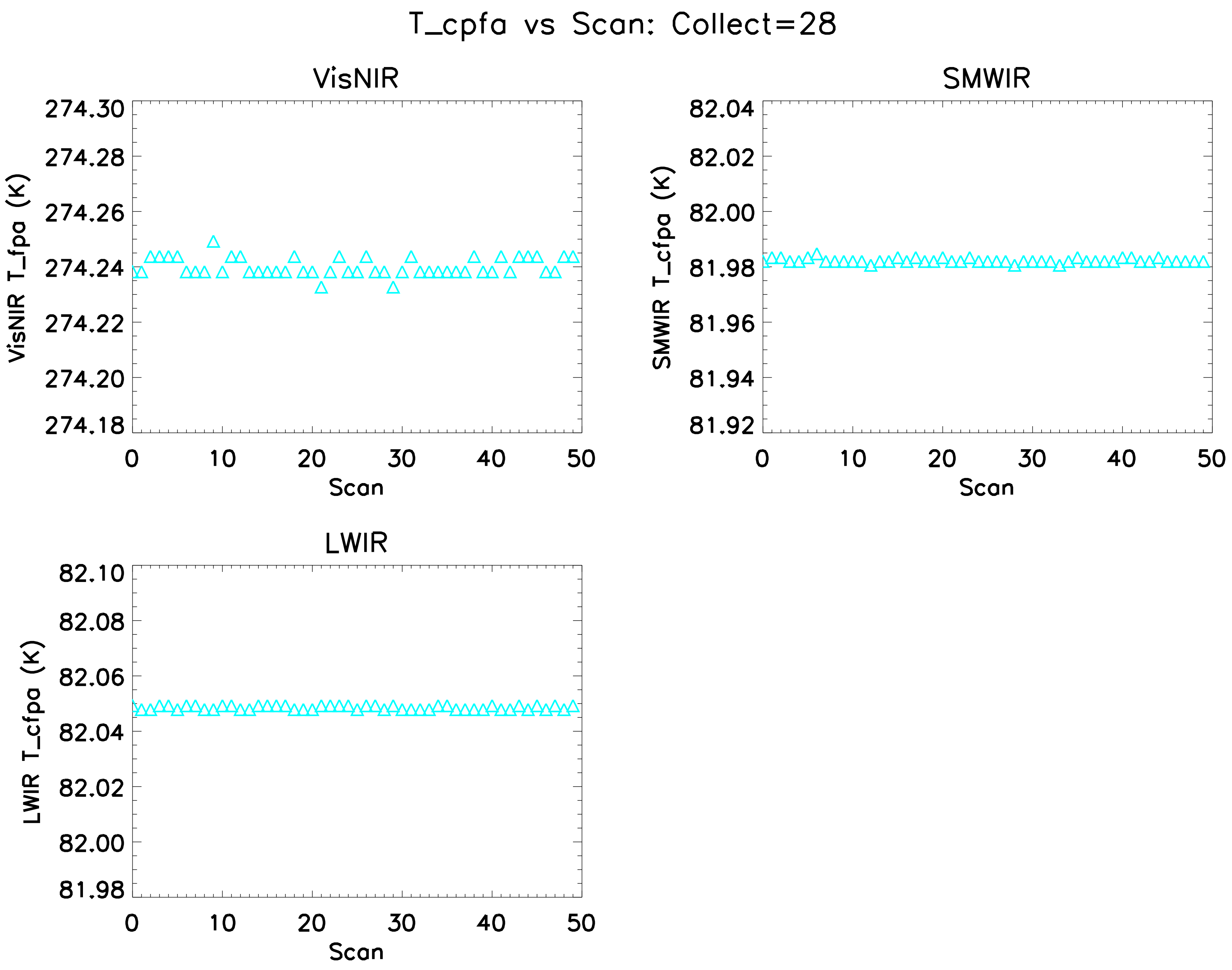

T_cpfa vs Scan: Collect=24


T_cpfa vs Scan: Collect=25

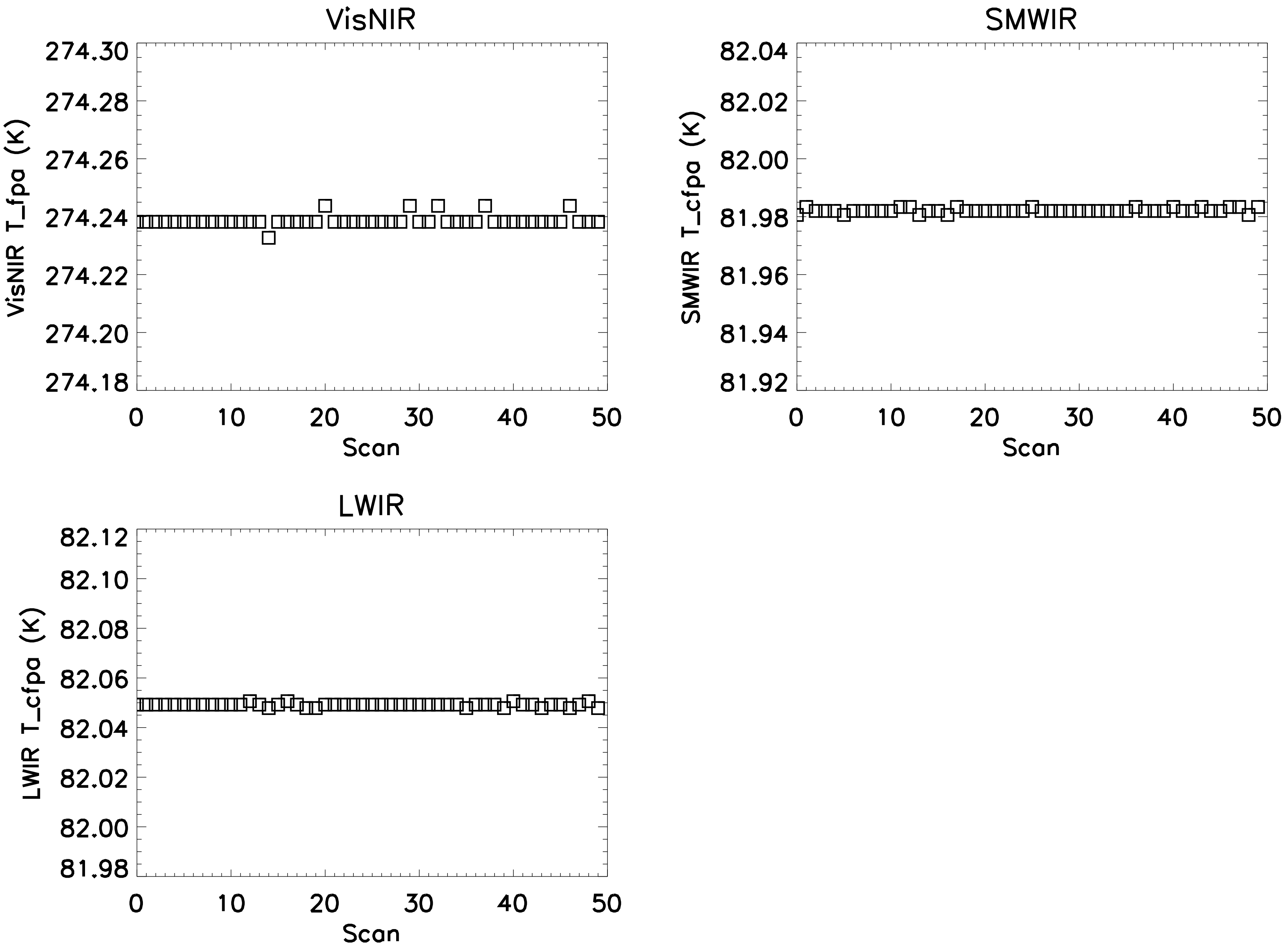
T_cpfa vs Scan: Collect=26



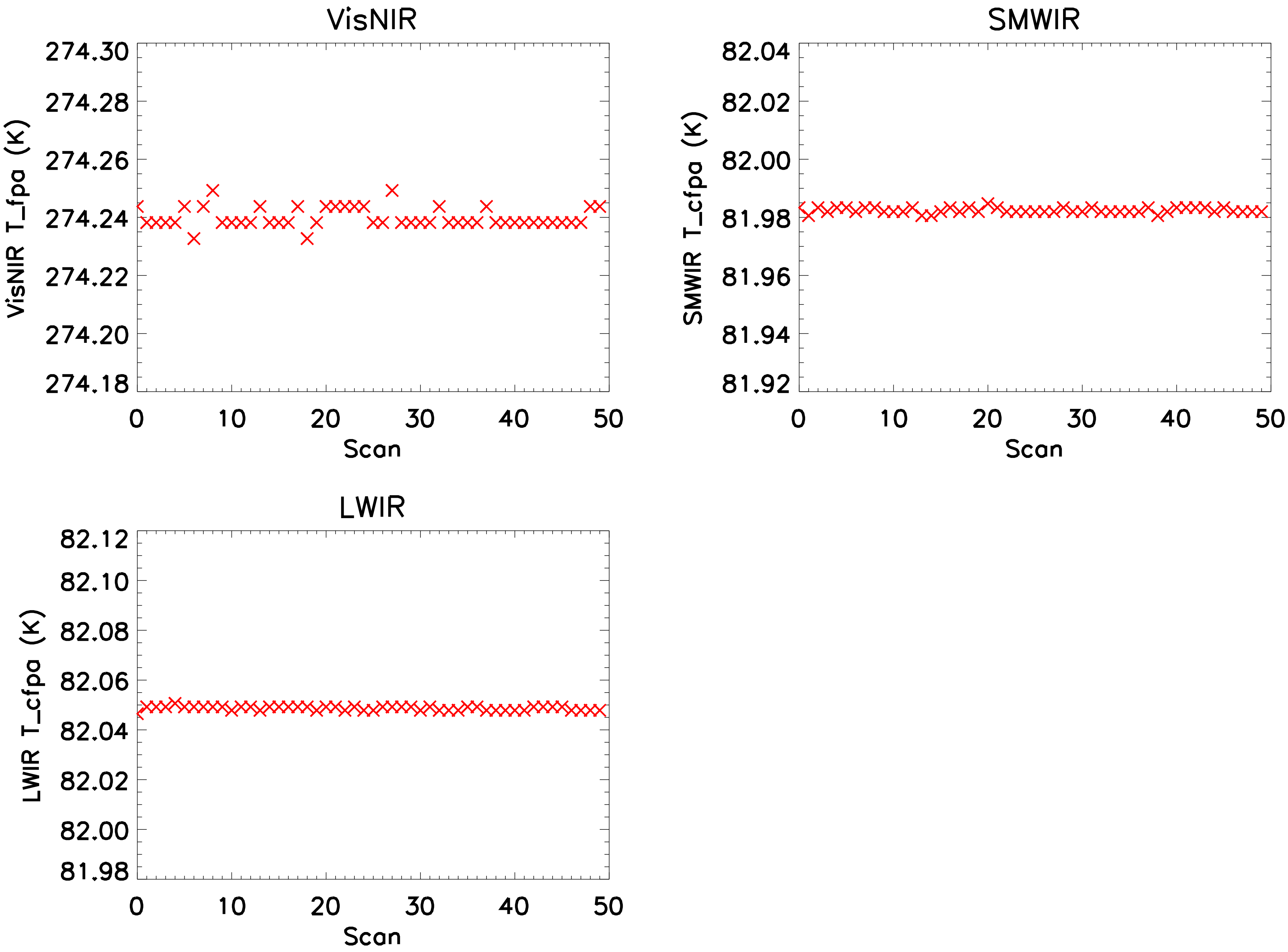

T_cpfa vs Scan: Collect=27
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

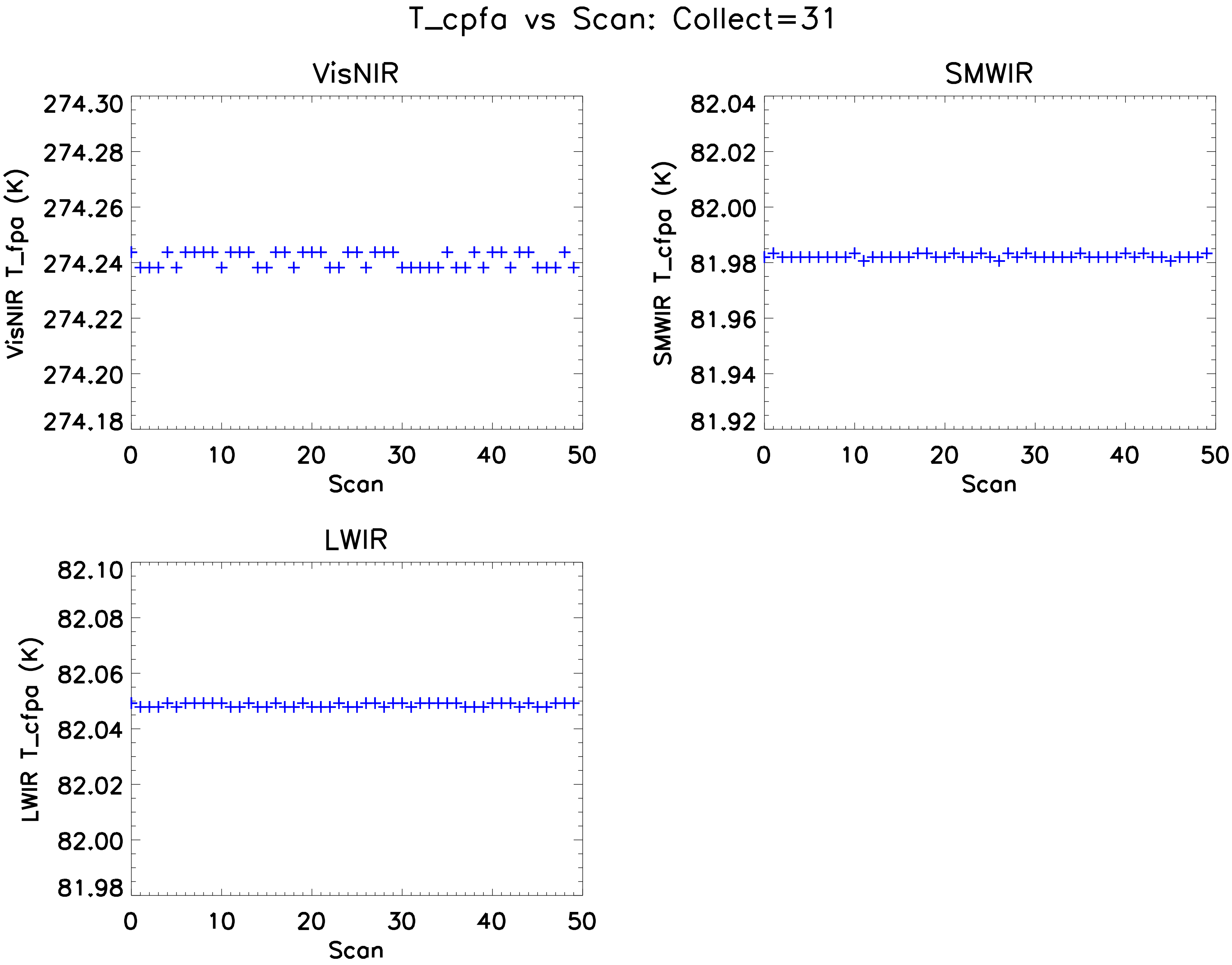

T_cpfa vs Scan: Collect=28
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

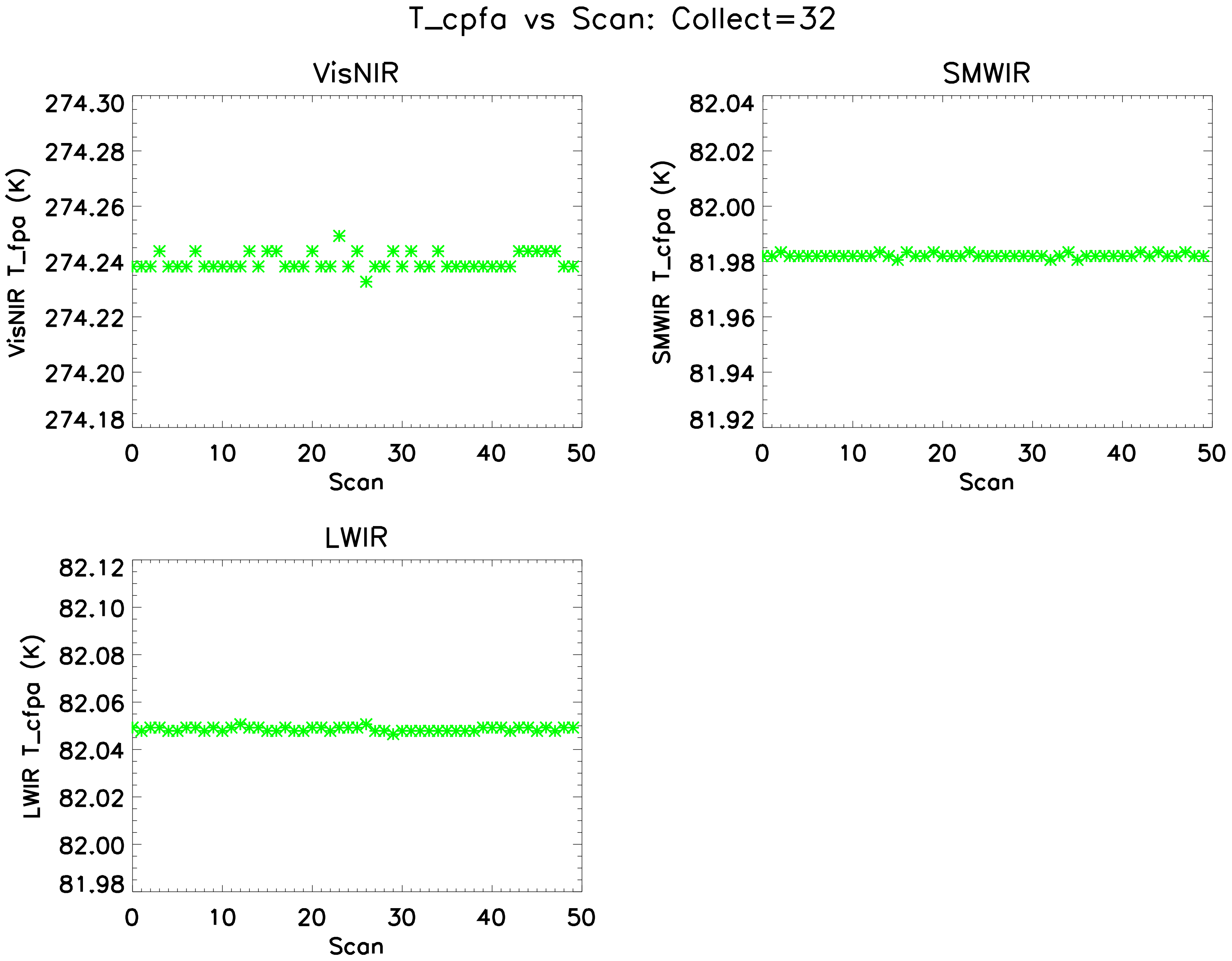
T_cpfa vs Scan: Collect=29

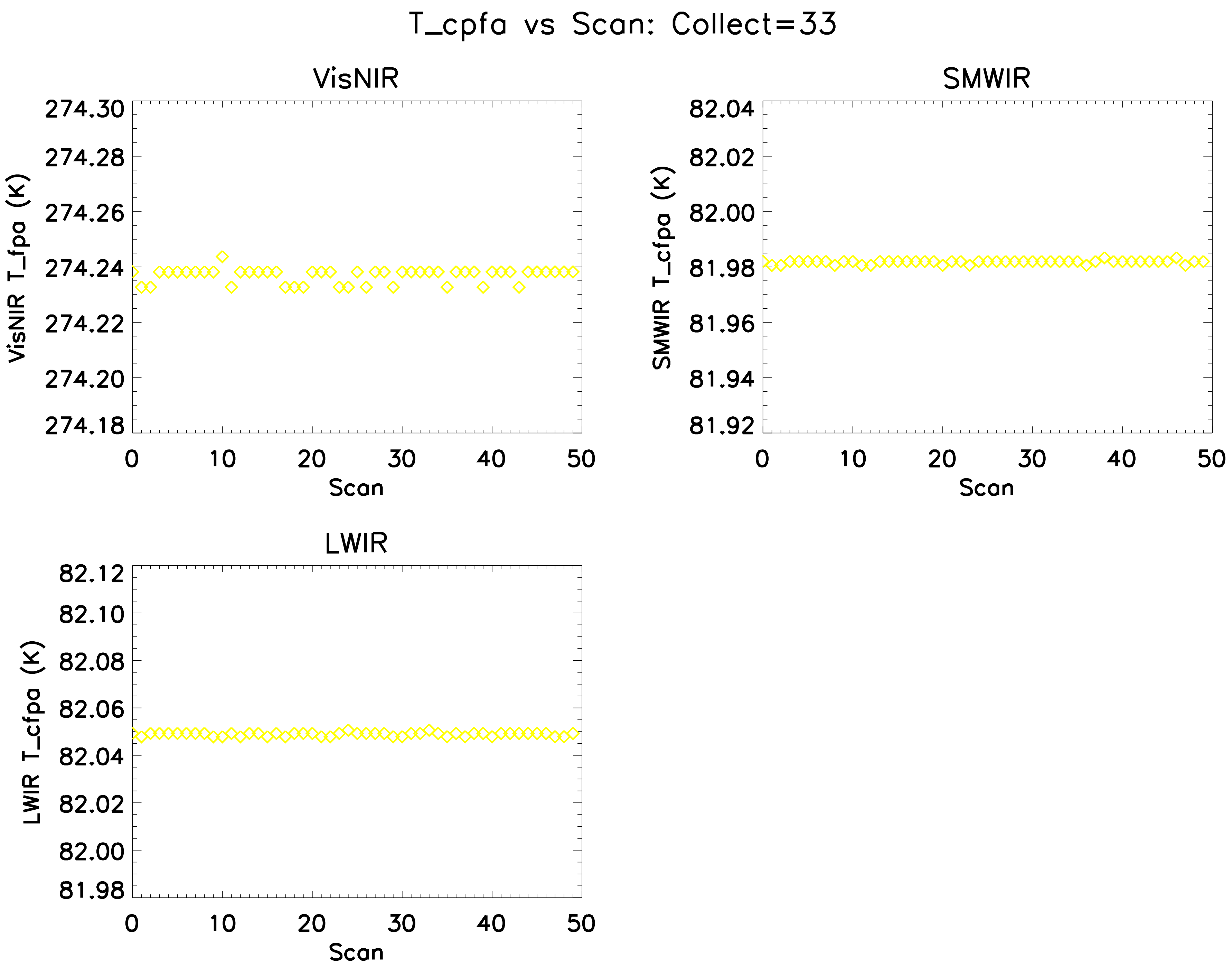


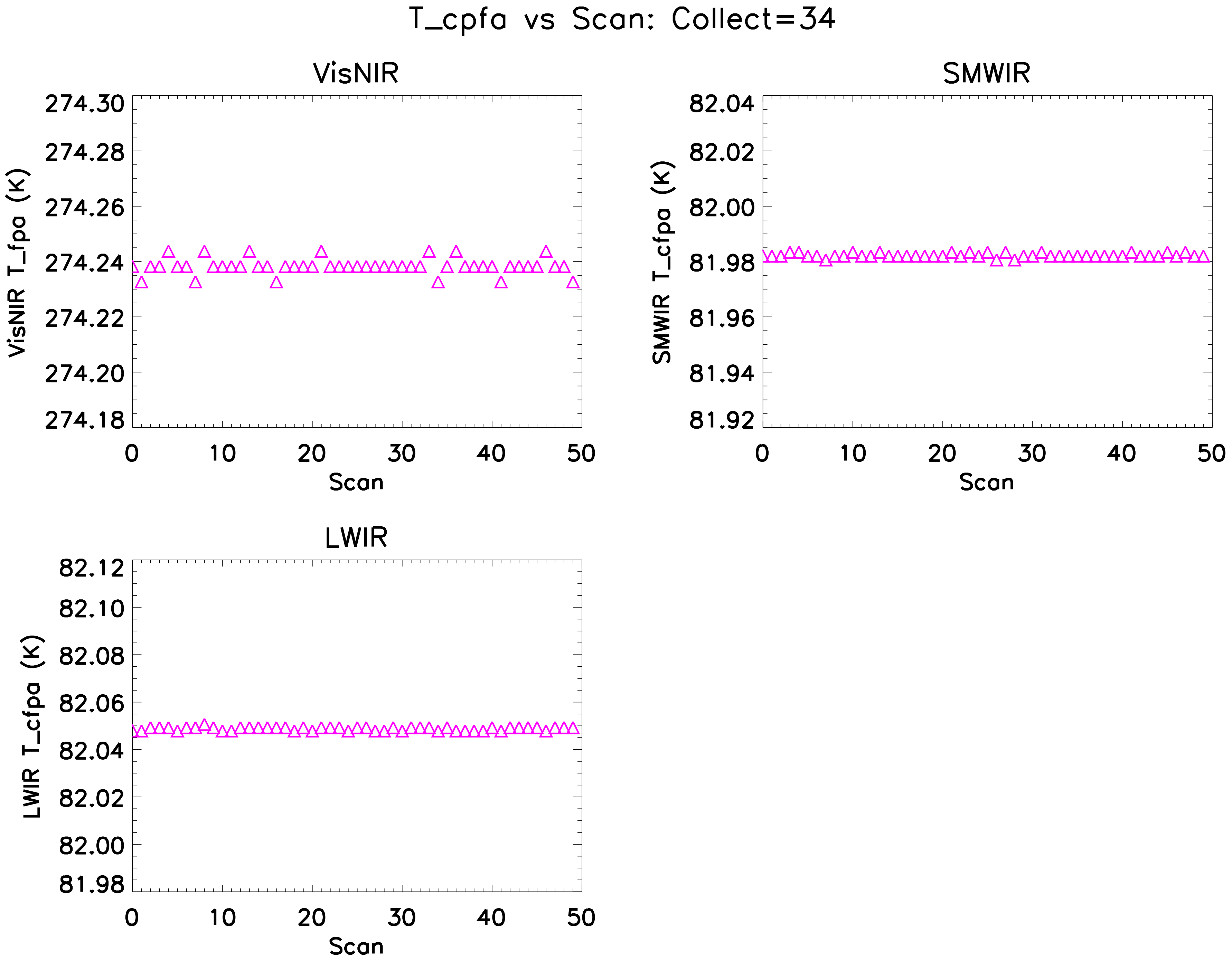
T_cpfa vs Scan: Collect=30



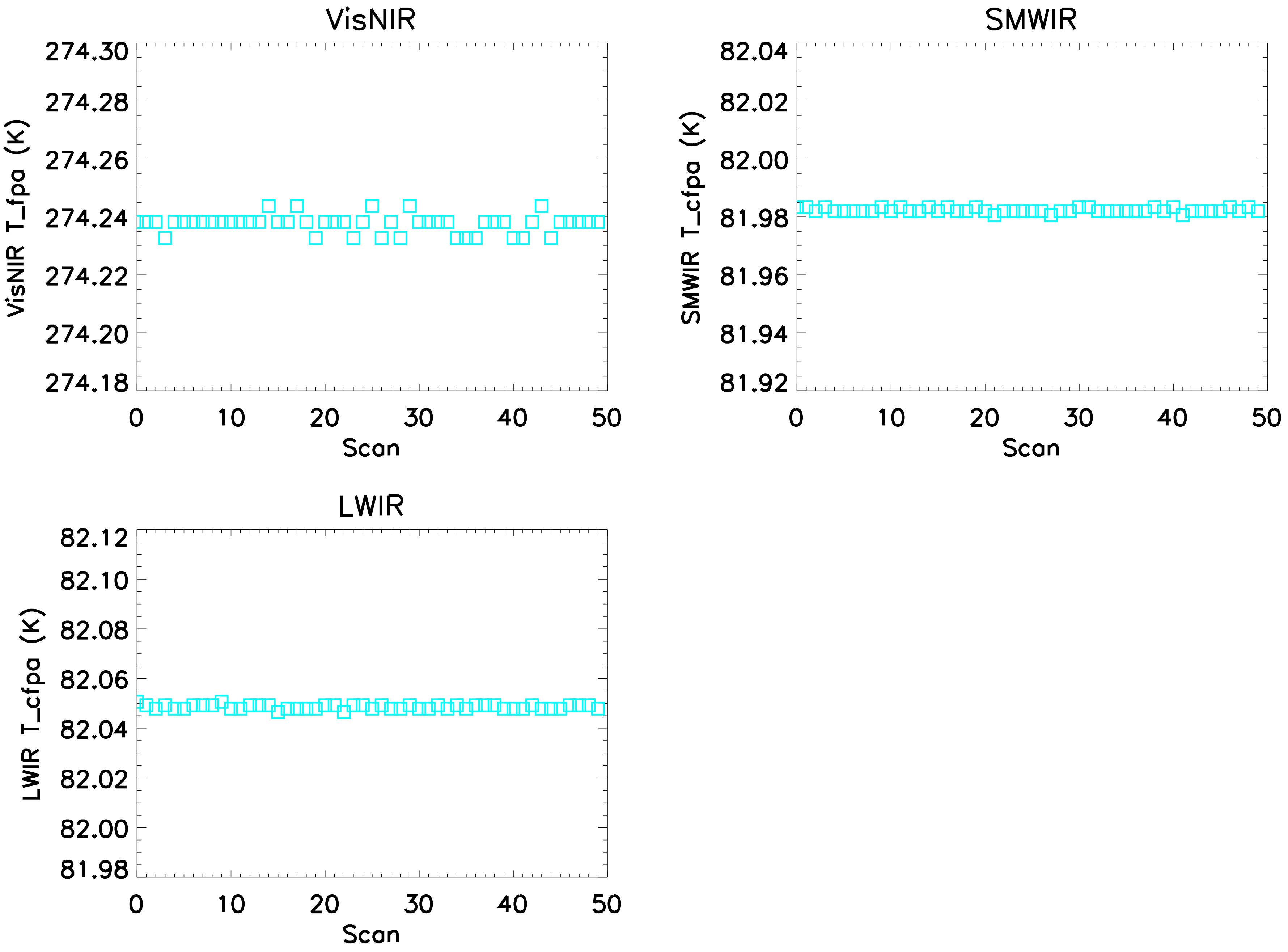

T_cpfa vs Scan: Collect=31
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

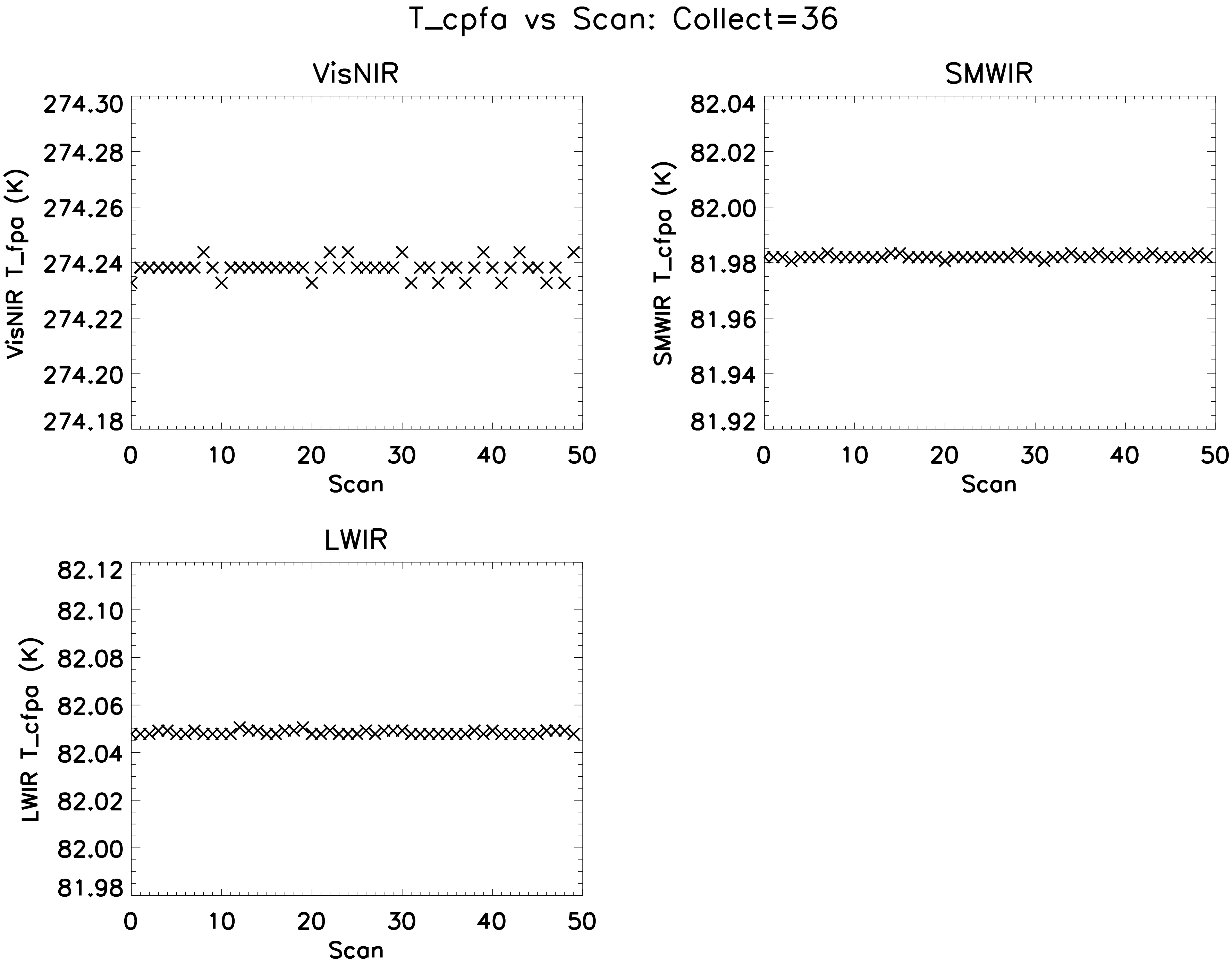

T_cpfa vs Scan: Collect=32
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

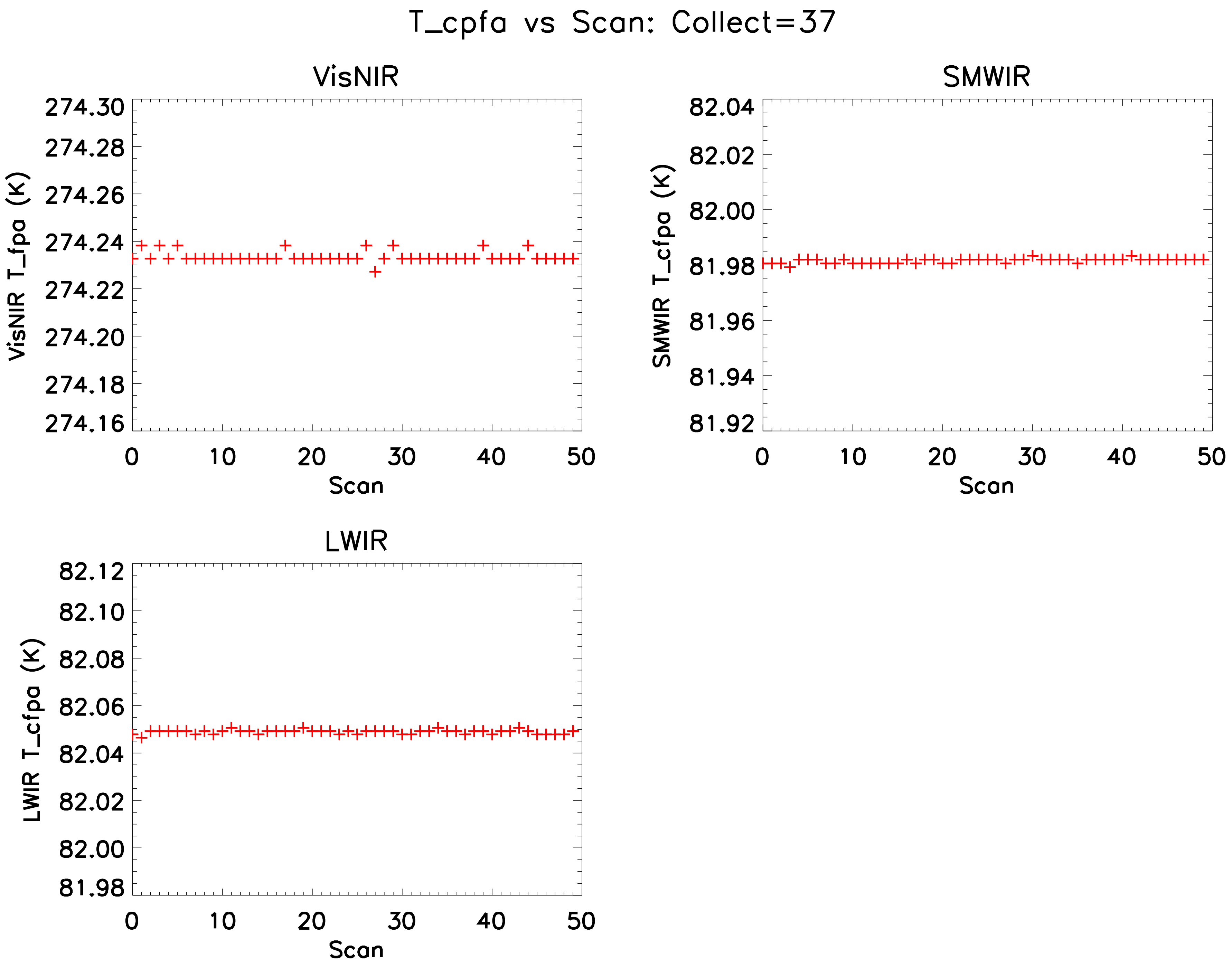

T_cpfa vs Scan: Collect=33
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=34
VisNIR
274.30
274.28
274.26
274.24
274.22
274.20
274.18
VisNIR T_fpa (K)
0
10
20
30
40
50
Scan
SMWIR
82.04
82.02
82.00
81.98
81.96
81.94
81.92
SMWIR T_cfpa (K)
0
10
20
30
40
50
Scan
LWIR
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
LWIR T_cfpa (K)
0
10
20
30
40
50
Scan

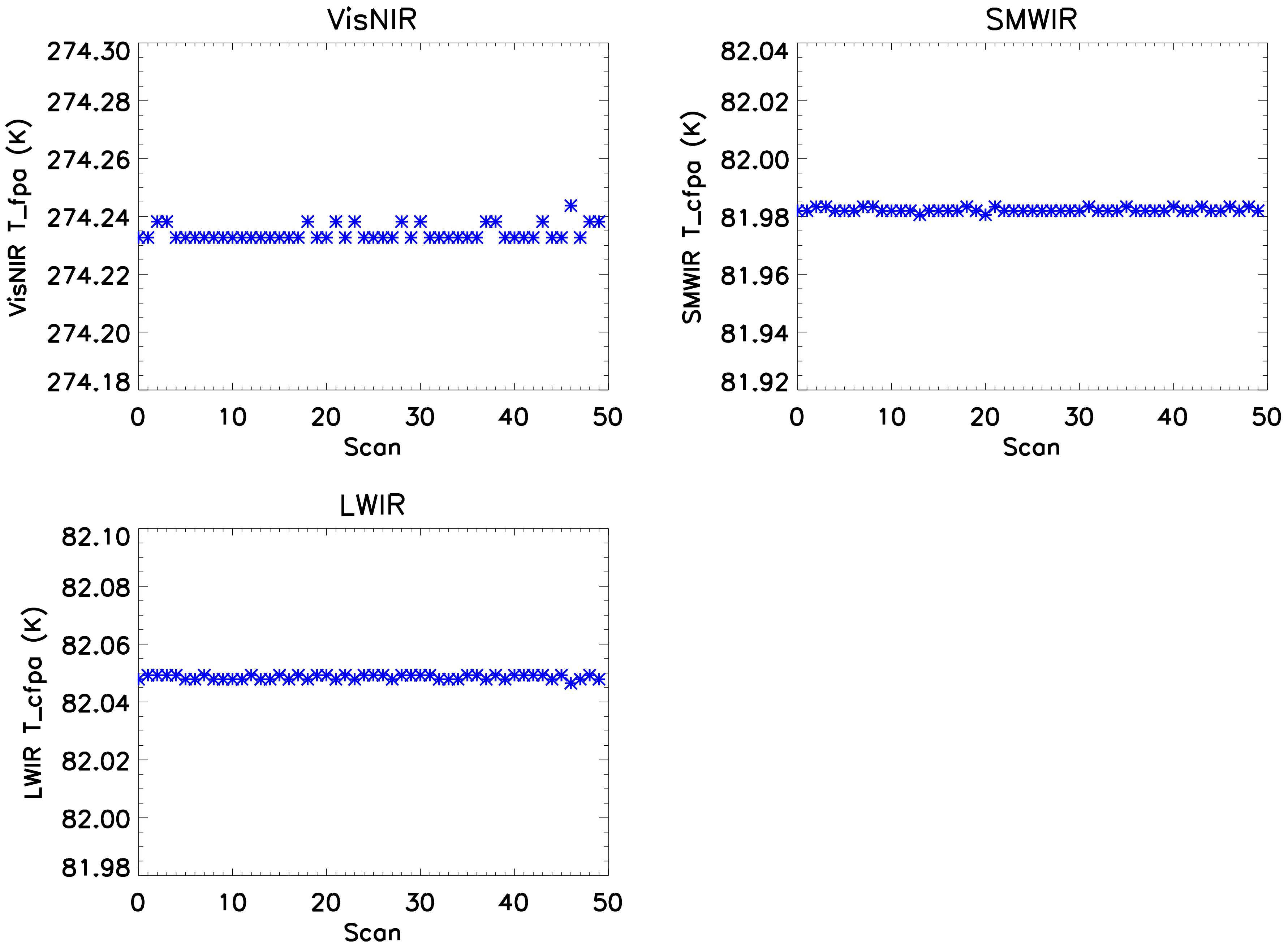
T_cpfa vs Scan: Collect=35



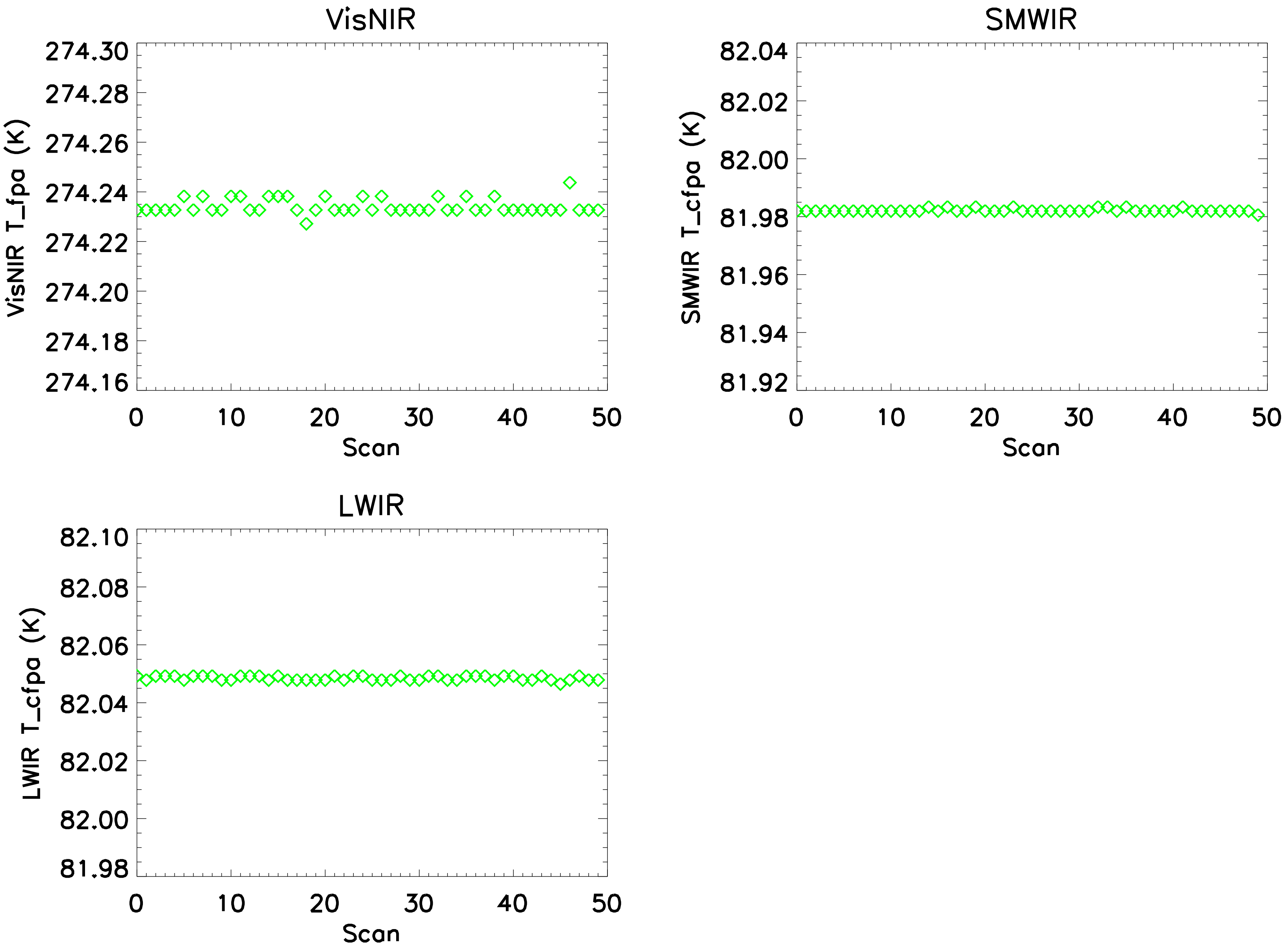

T_cpfa vs Scan: Collect=36
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=37
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

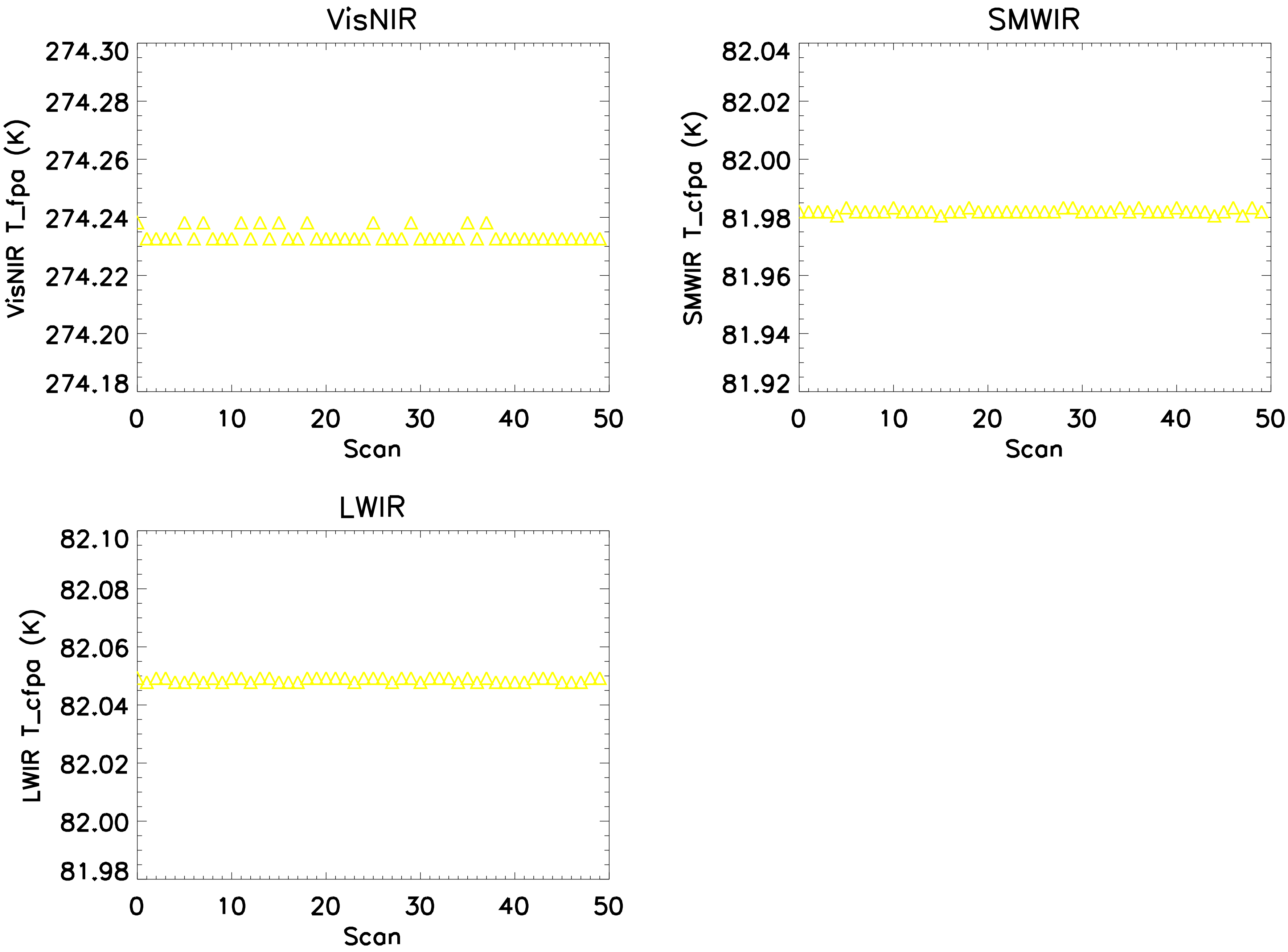
T_cpfa vs Scan: Collect=38



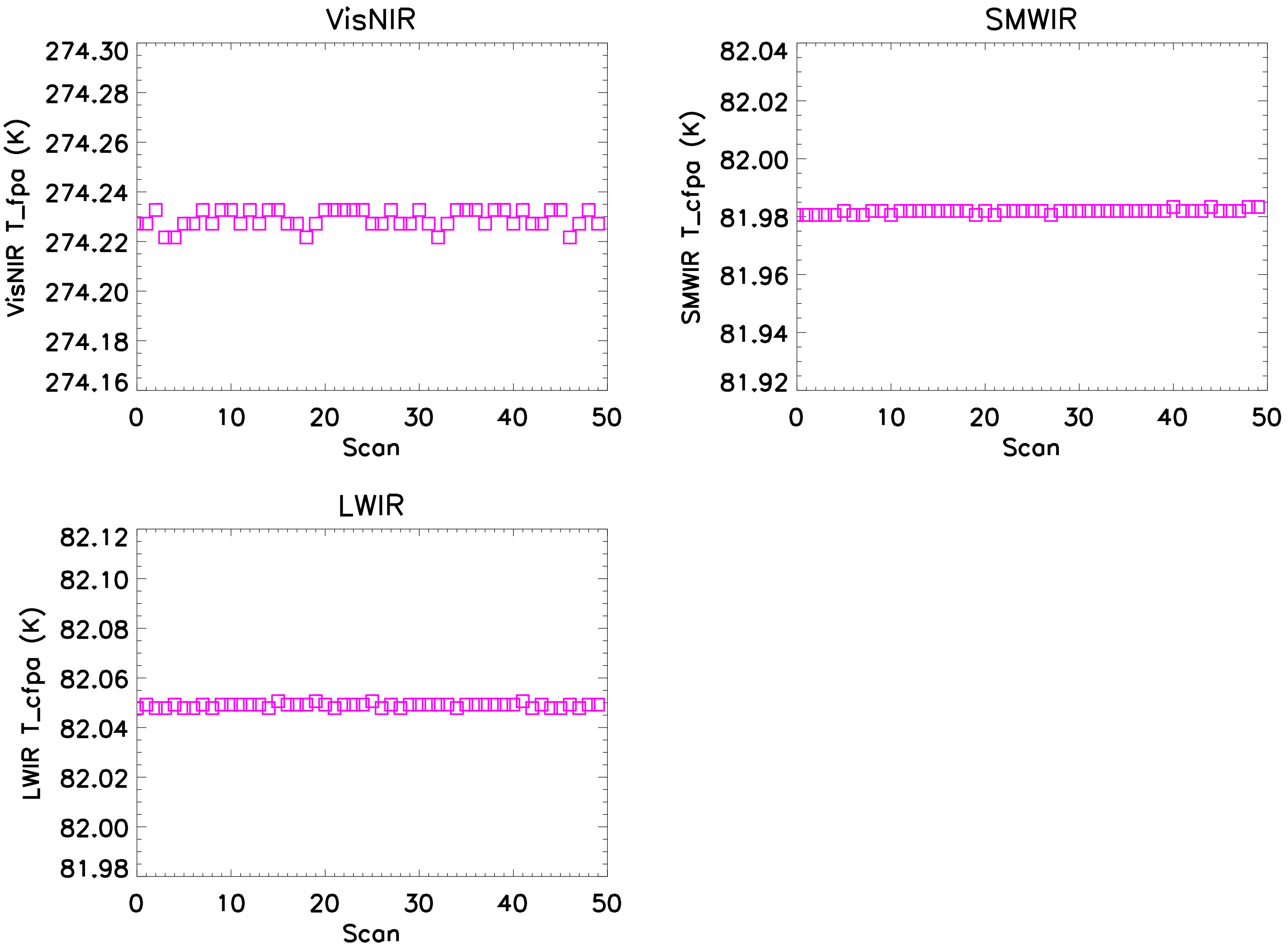
T_cpfa vs Scan: Collect=39

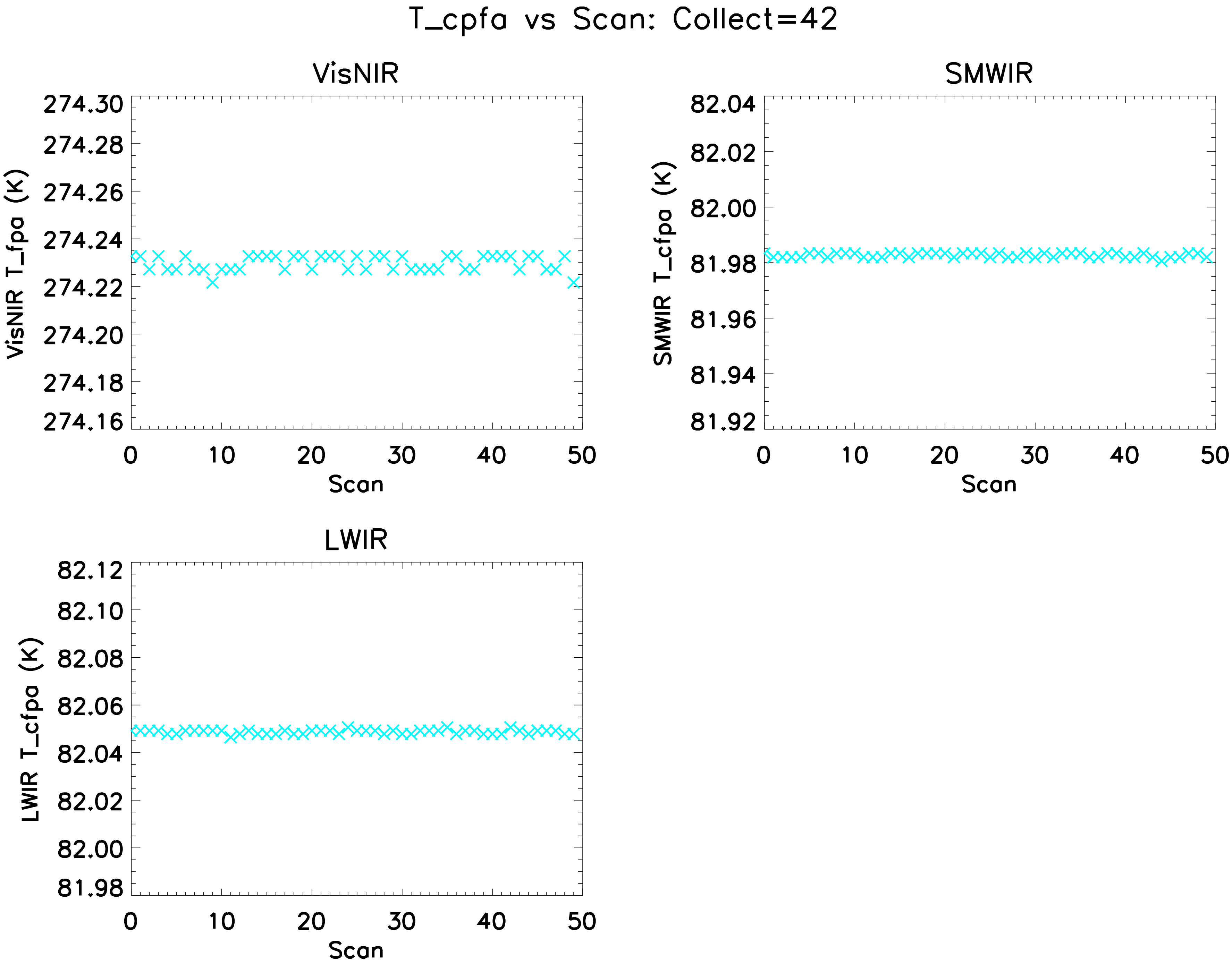


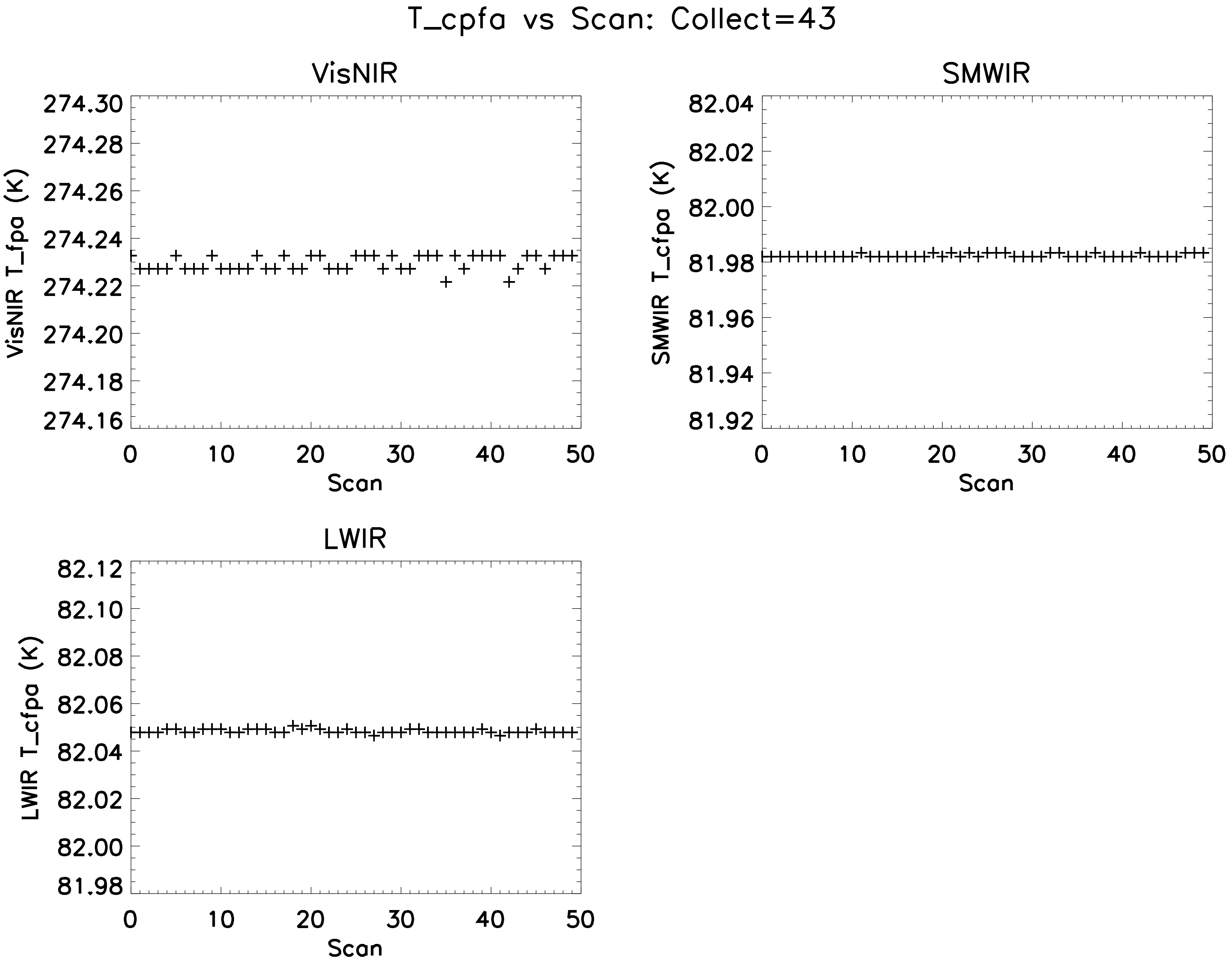
T_cpfa vs Scan: Collect=40



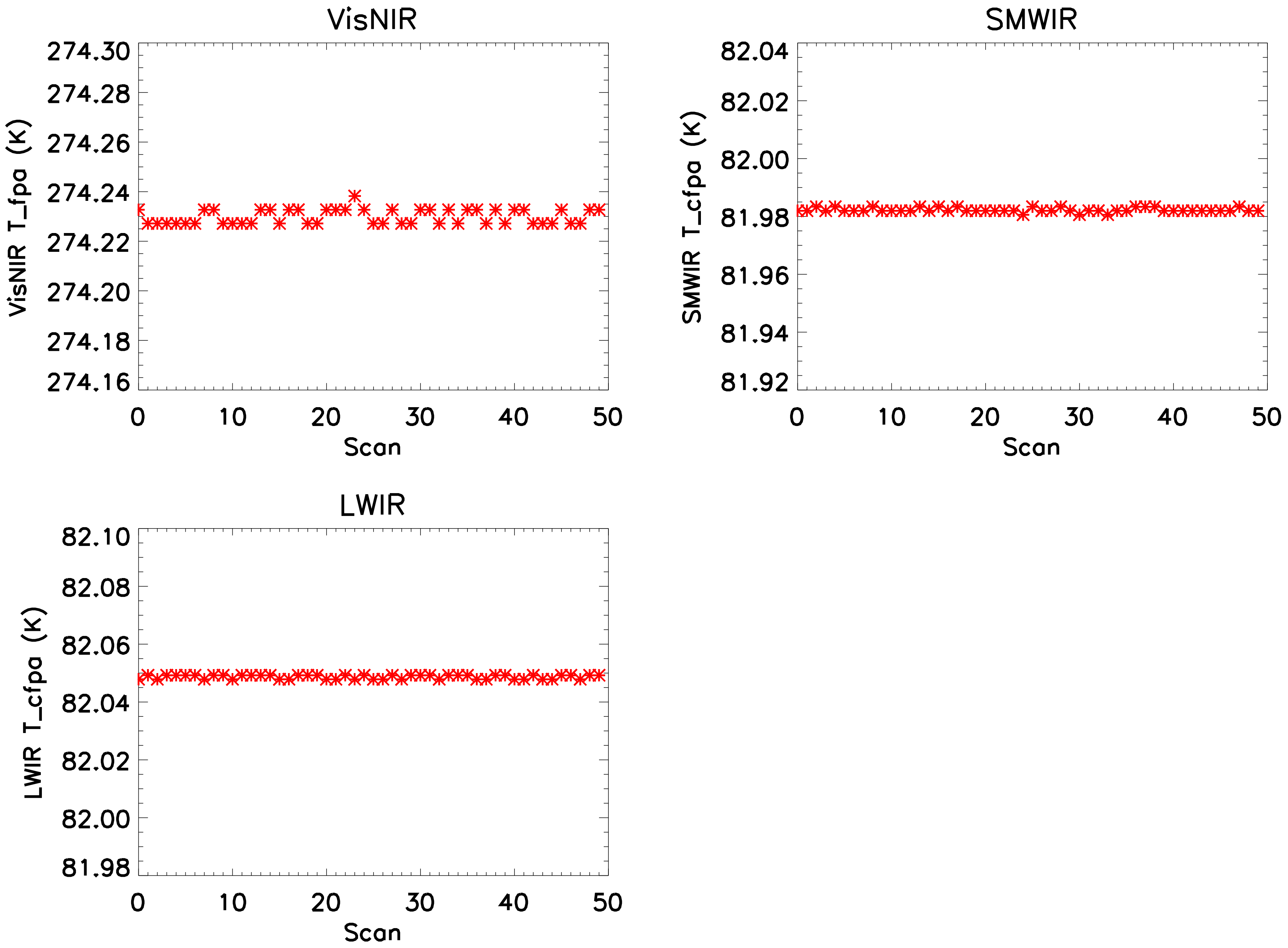
T_cpfa vs Scan: Collect=41

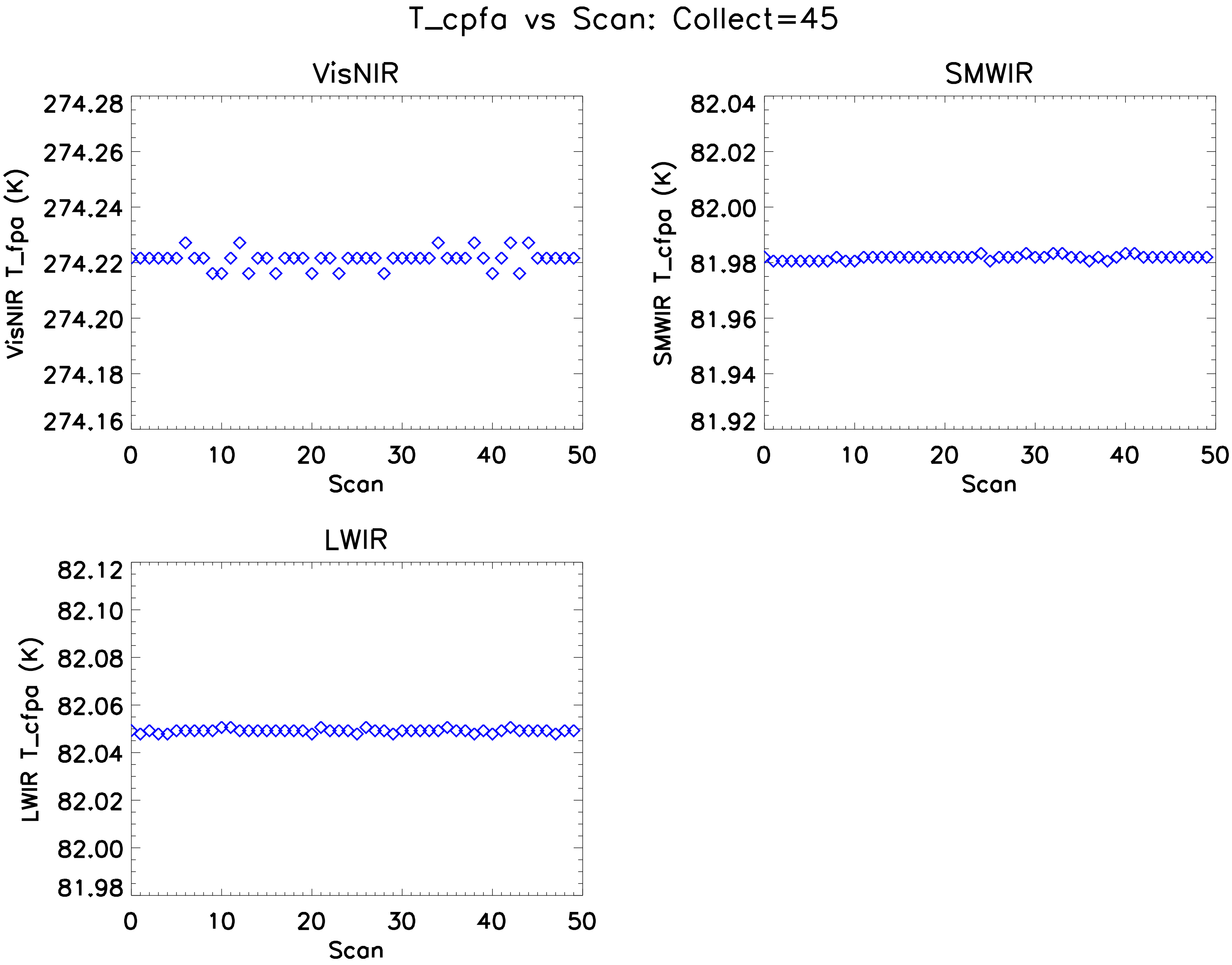


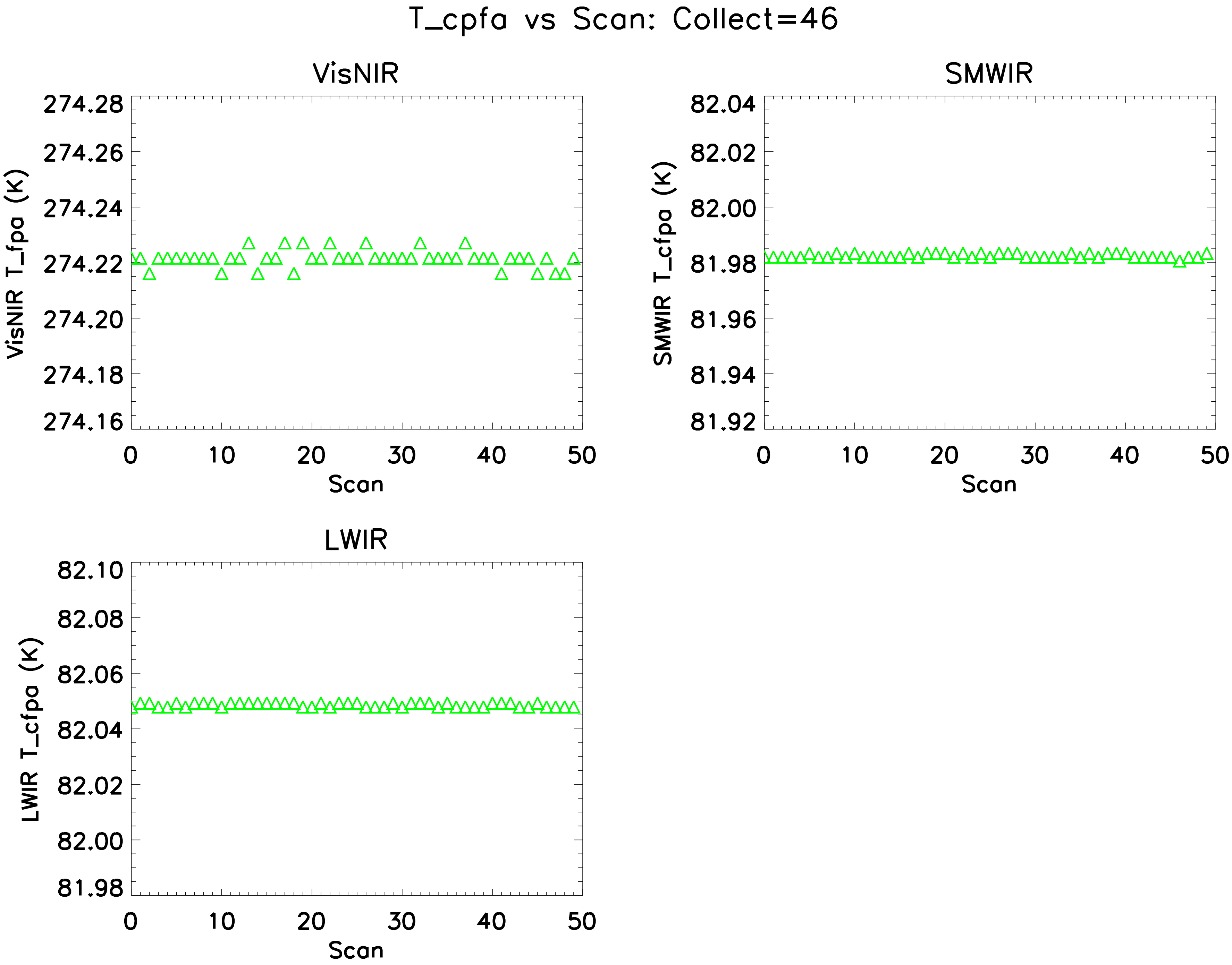

T_cpfa vs Scan: Collect=42
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=43
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

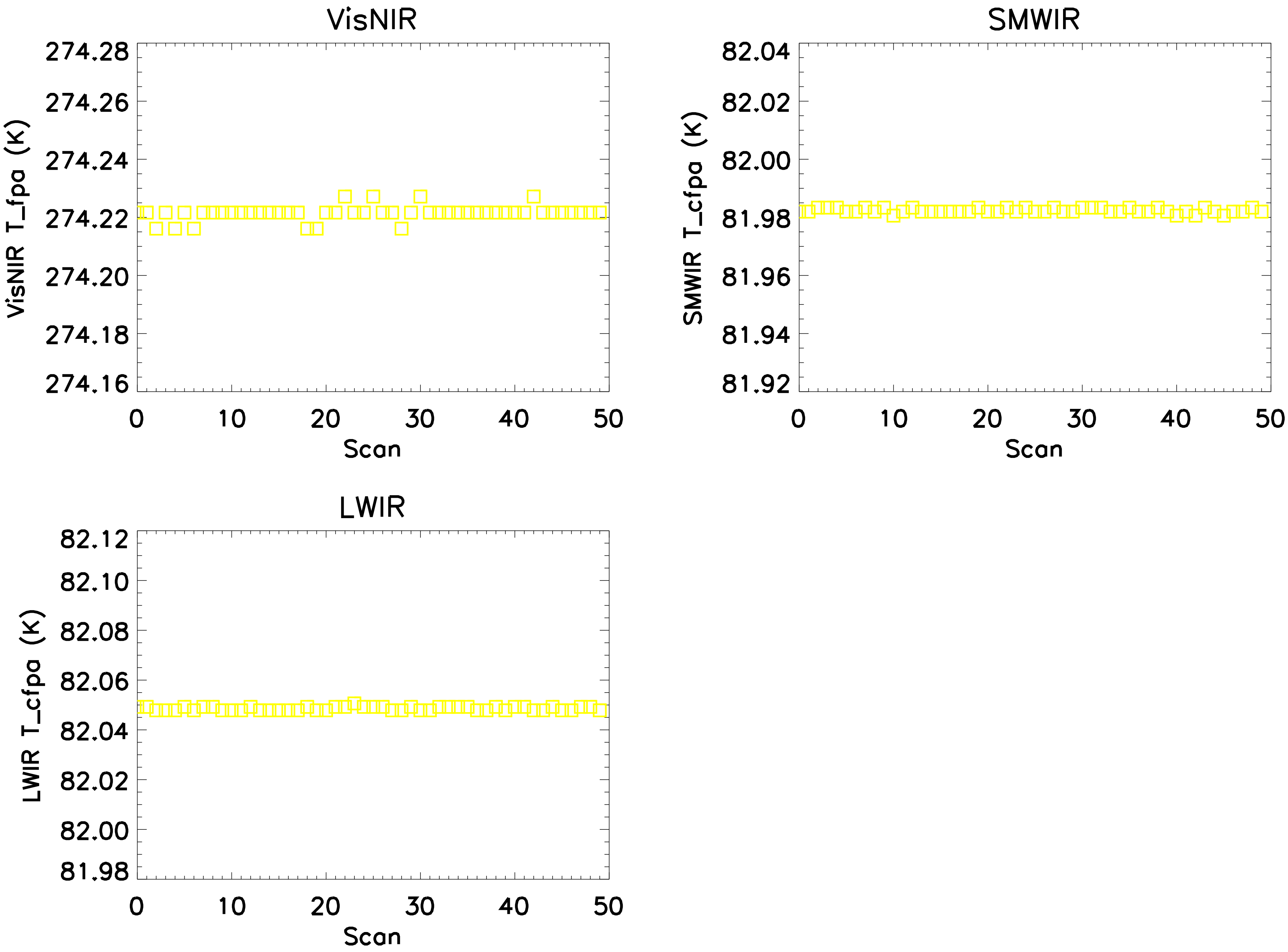
T_cpfa vs Scan: Collect=44

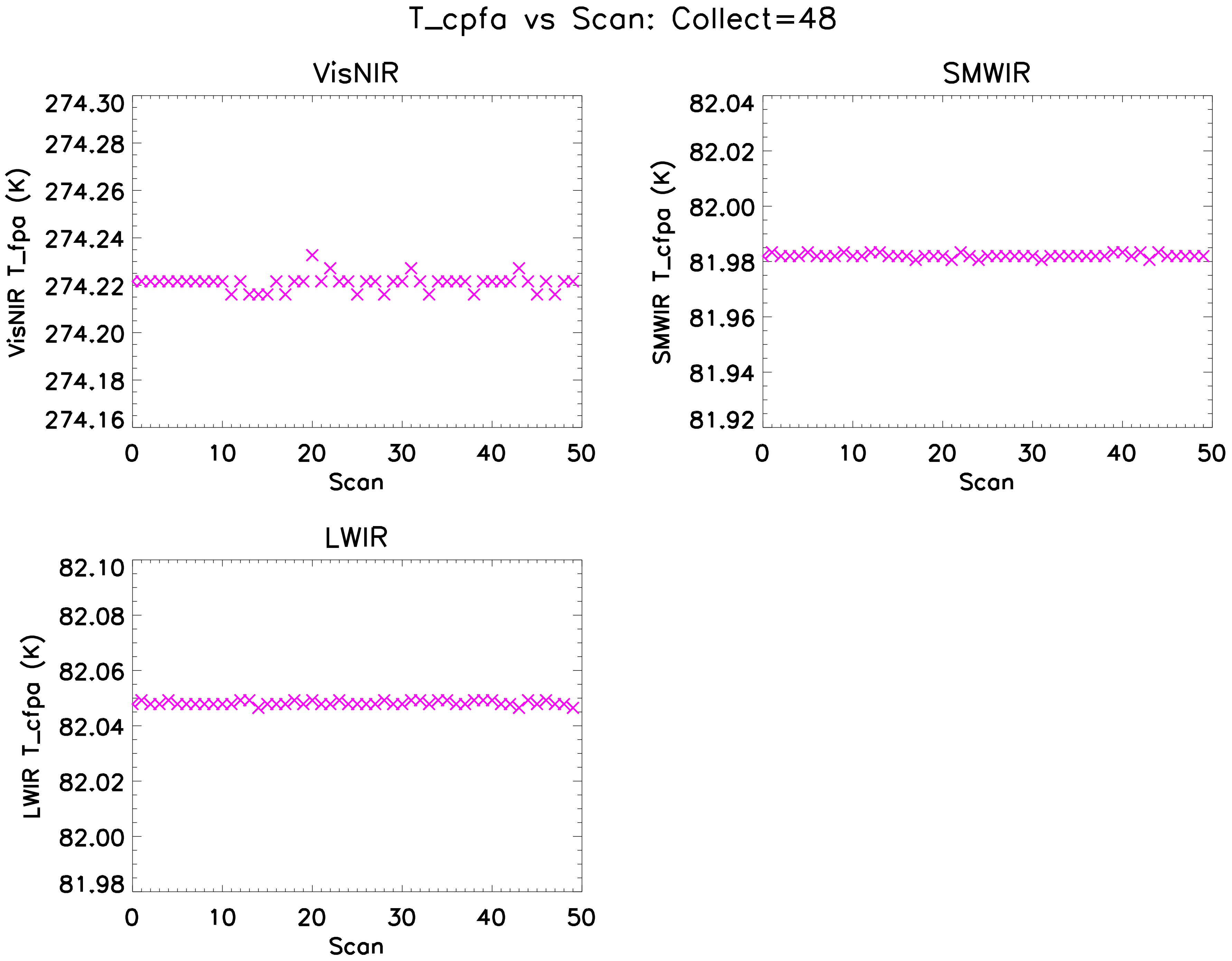


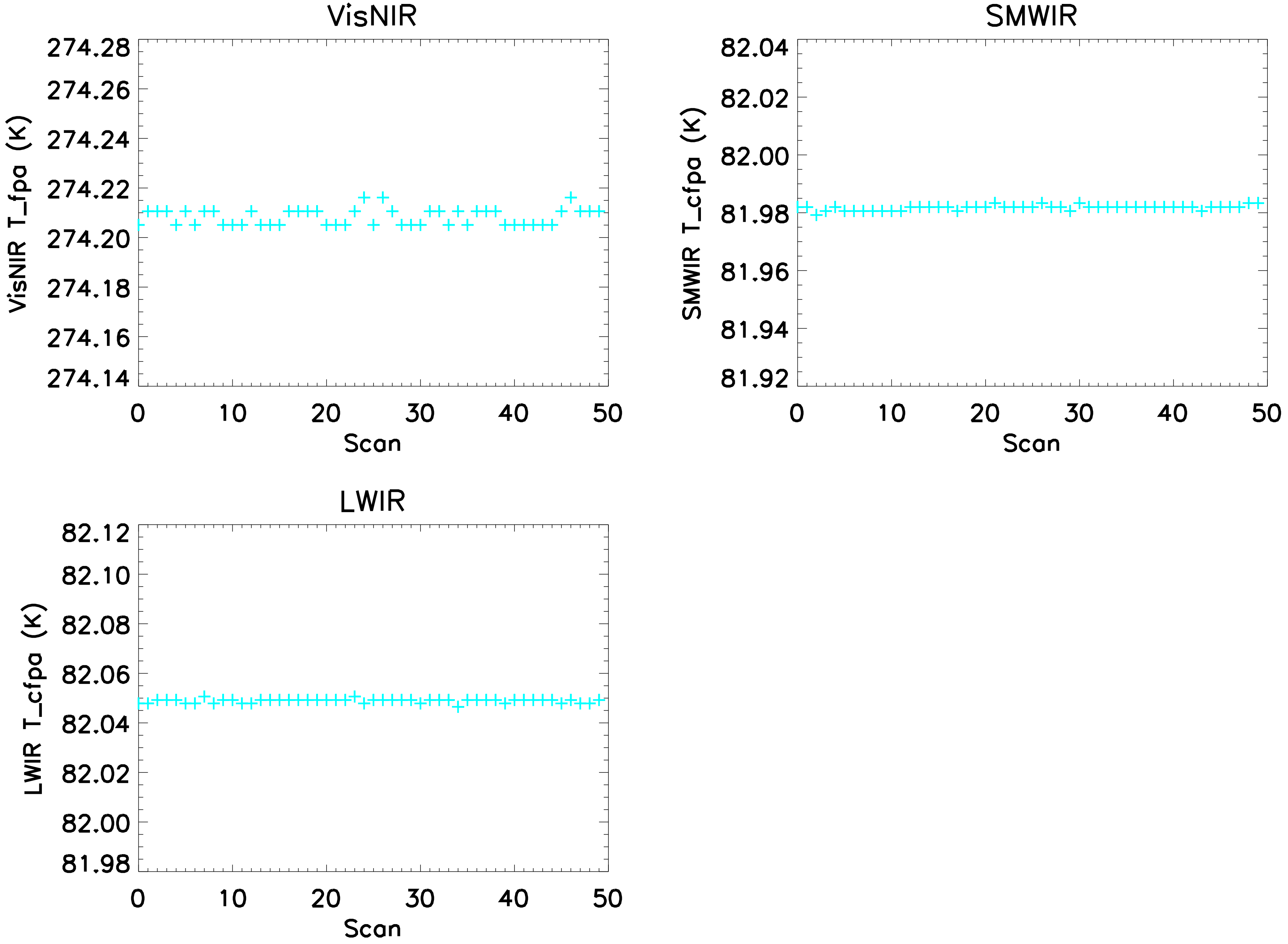

T_cpfa vs Scan: Collect=45
VisNIR
VisNIR T_fpa (K)
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

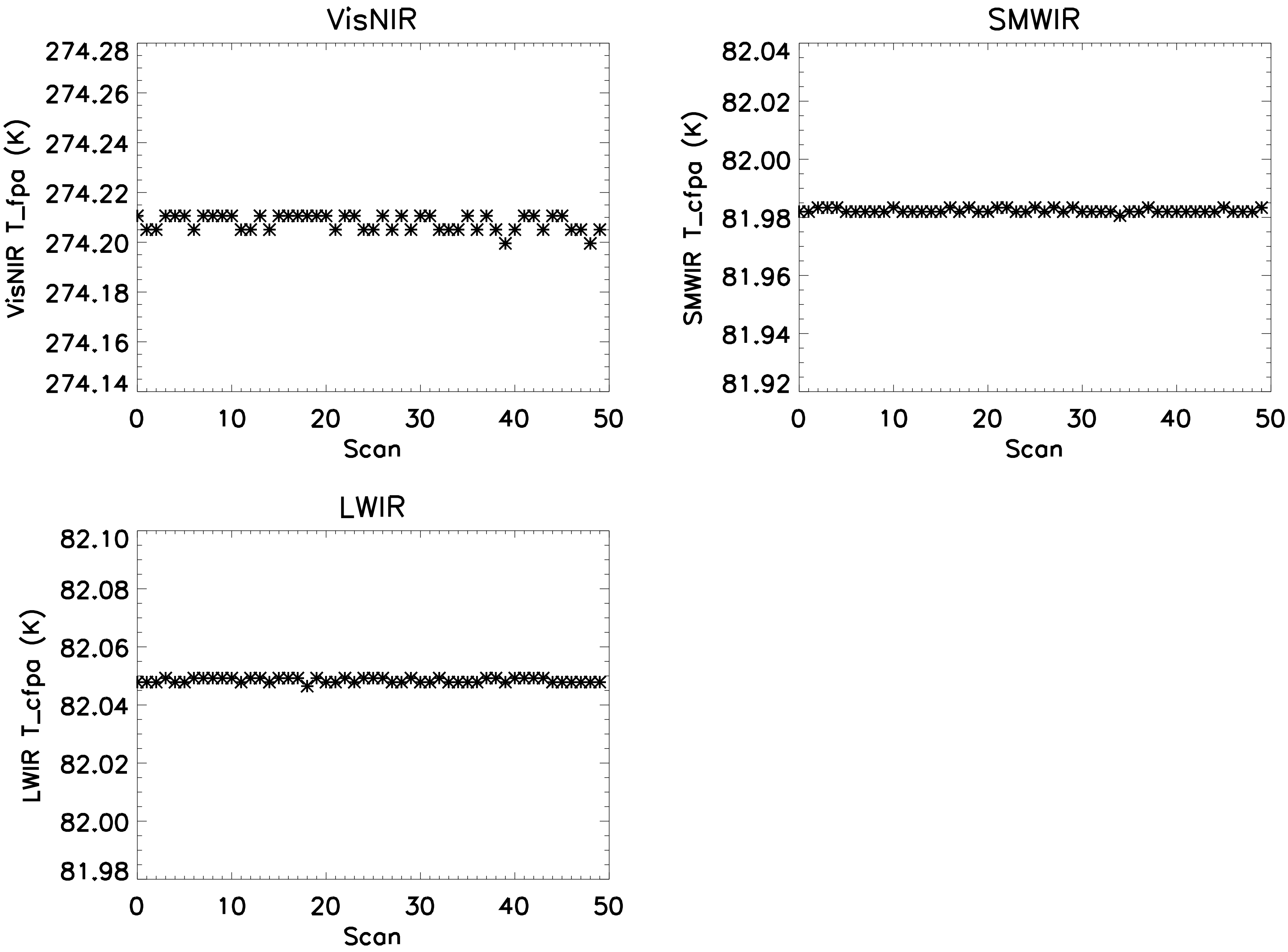

T_cpfa vs Scan: Collect=46
VisNIR
VisNIR T_fpa (K)
274.16
274.18
274.20
274.22
274.24
274.26
274.28
SMWIR
SMWIR T_cfpa (K)
81.92
81.94
81.96
81.98
82.00
82.02
82.04
LWIR
LWIR T_cfpa (K)
81.98
82.00
82.02
82.04
82.06
82.08
82.10
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=47

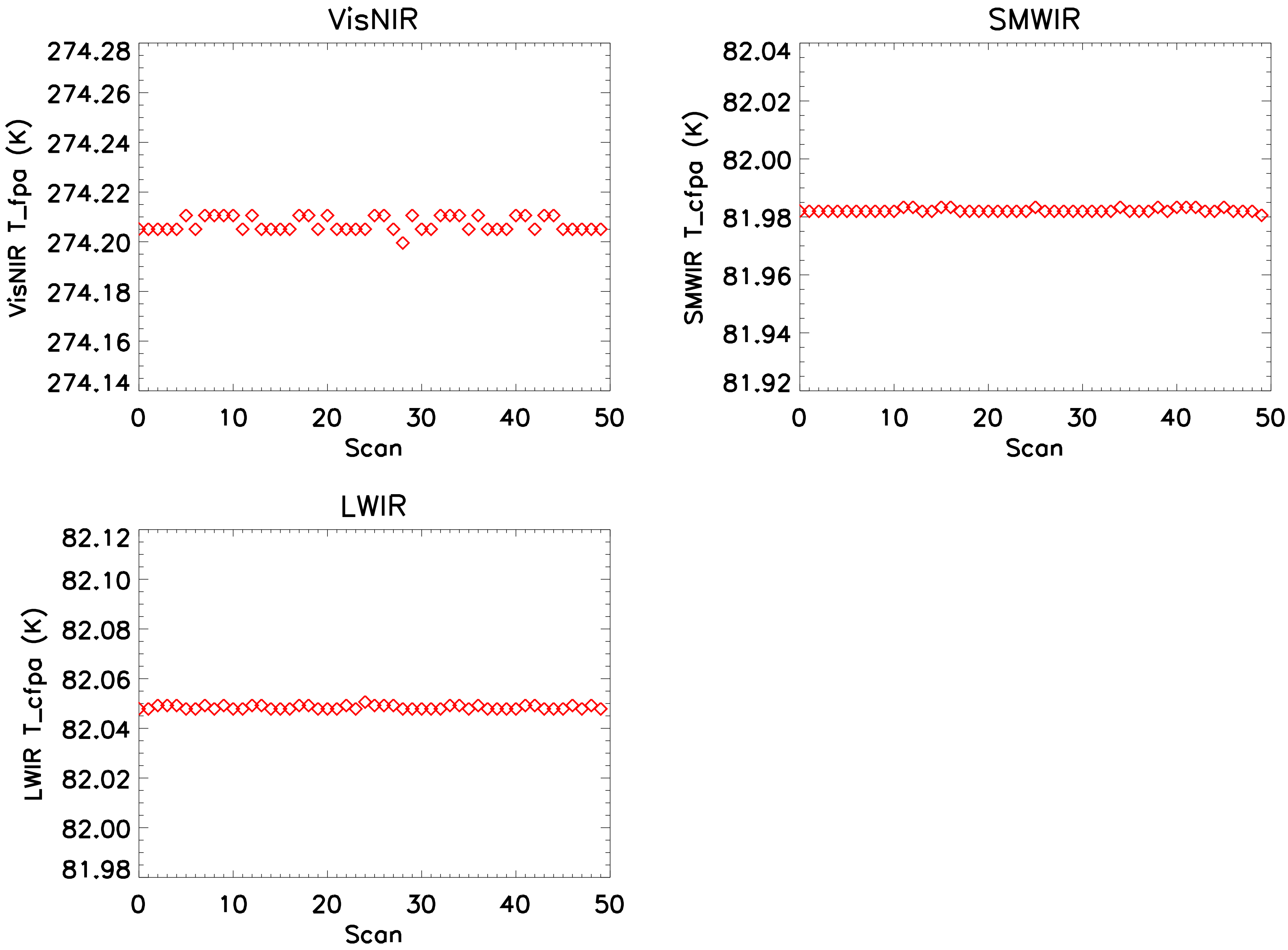



T_cpfa vs Scan: Collect=48
VisNIR
VisNIR T_fpa (K)
274.30
274.28
274.26
274.24
274.22
274.20
274.18
274.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

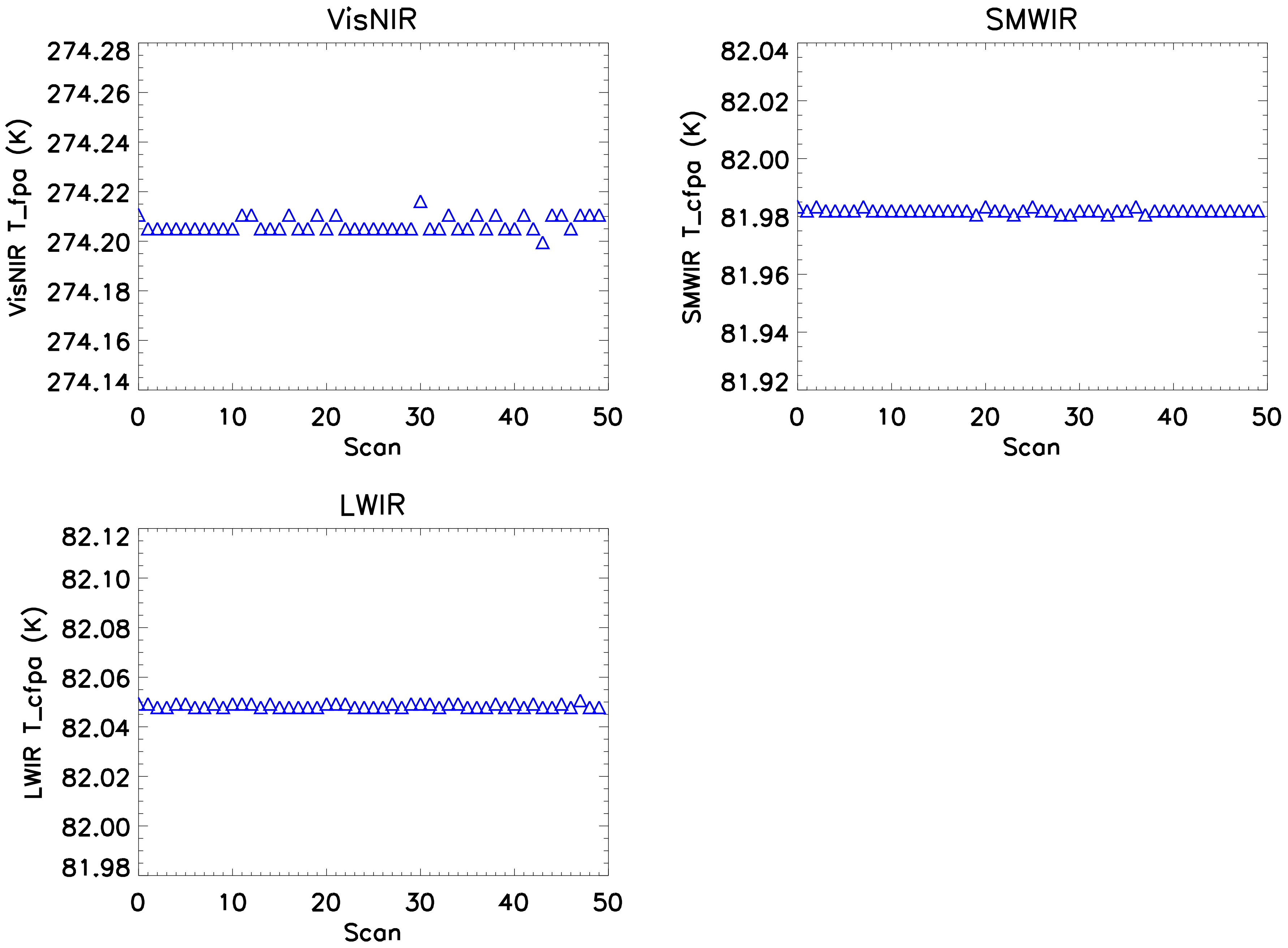

T_cpfa vs Scan: Collect=49



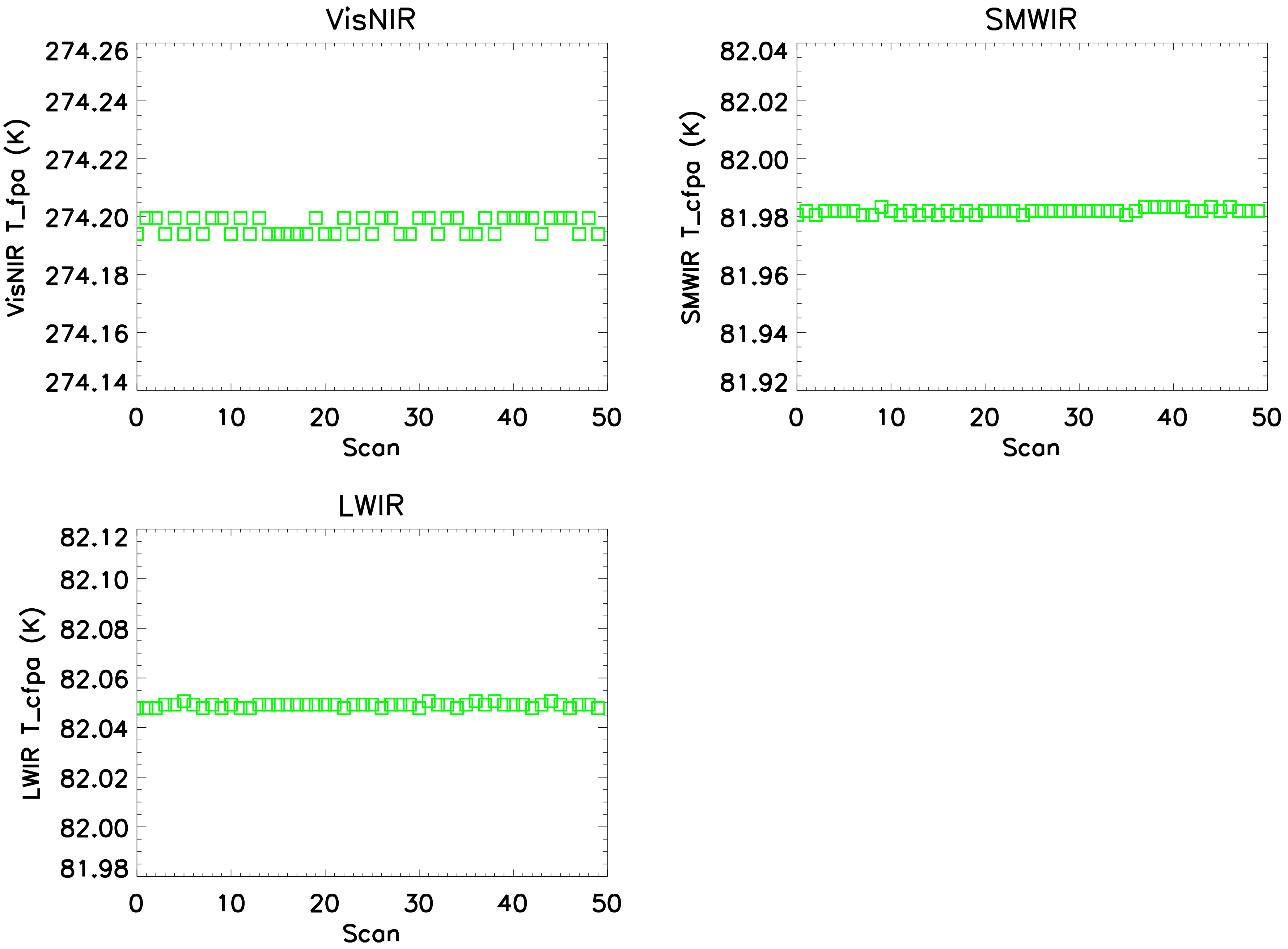
T_cpfa vs Scan: Collect=50


T_cpfa vs Scan: Collect=51

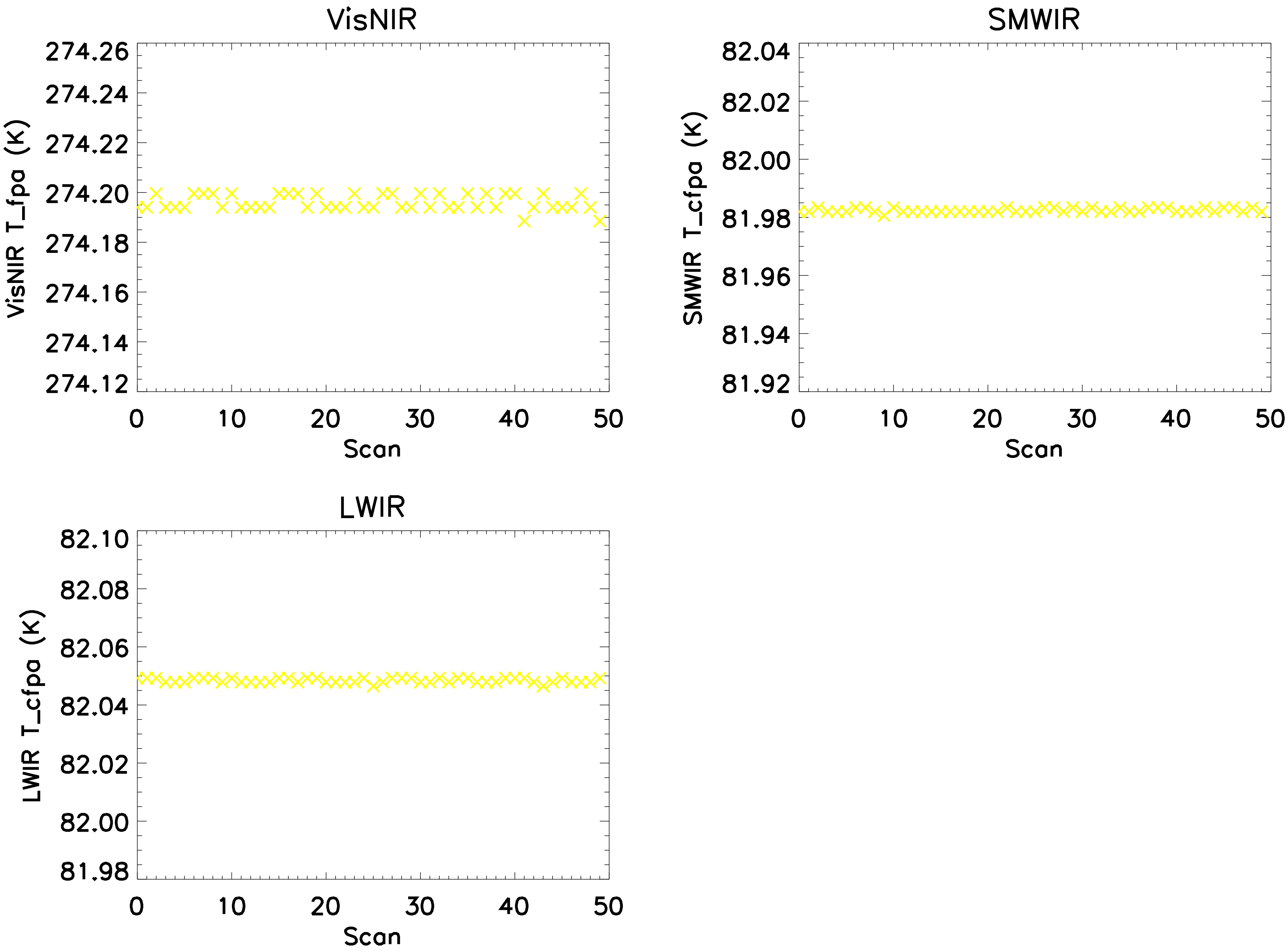
T_cpfa vs Scan: Collect=52



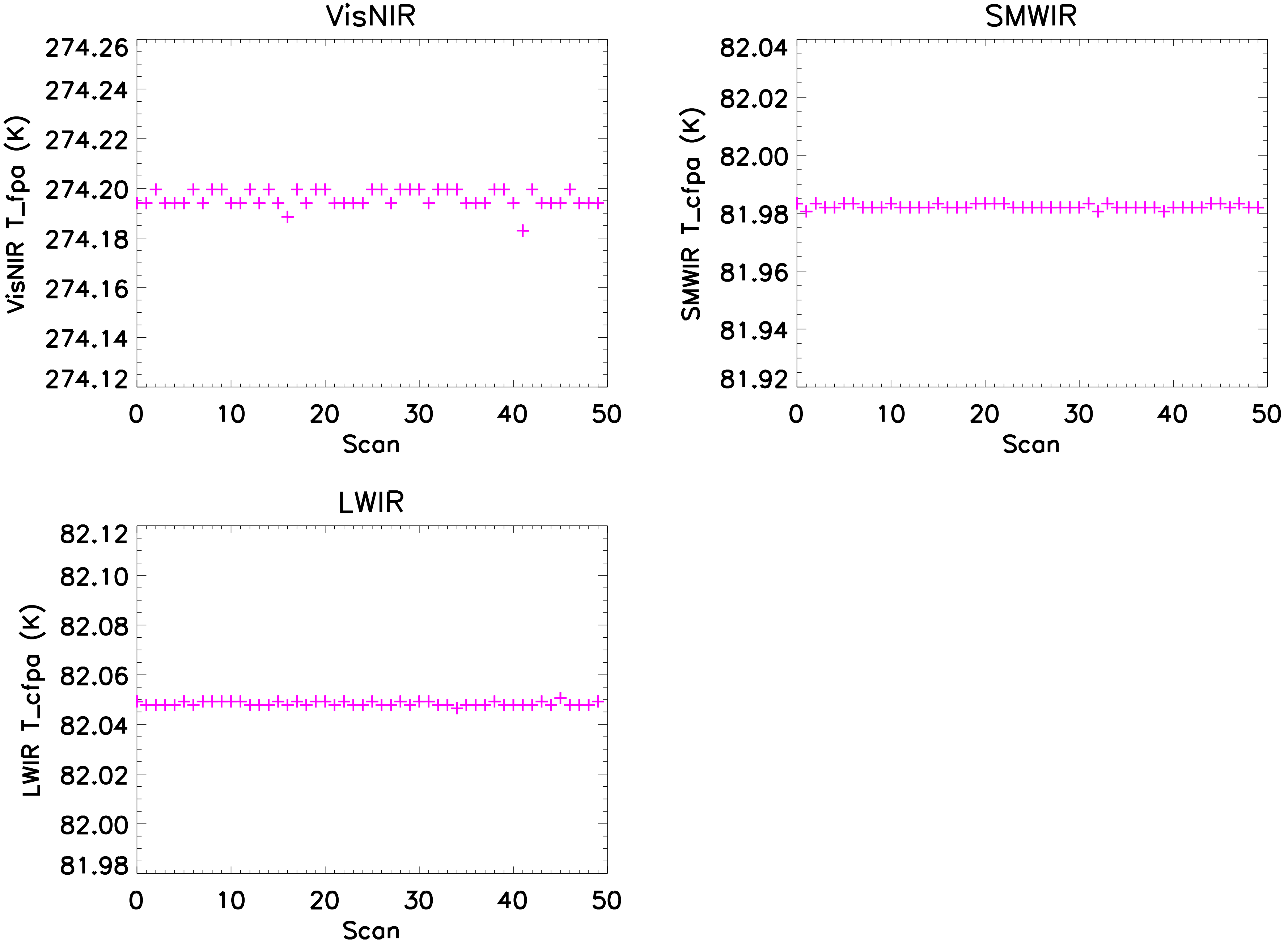
T_cpfa vs Scan: Collect=53



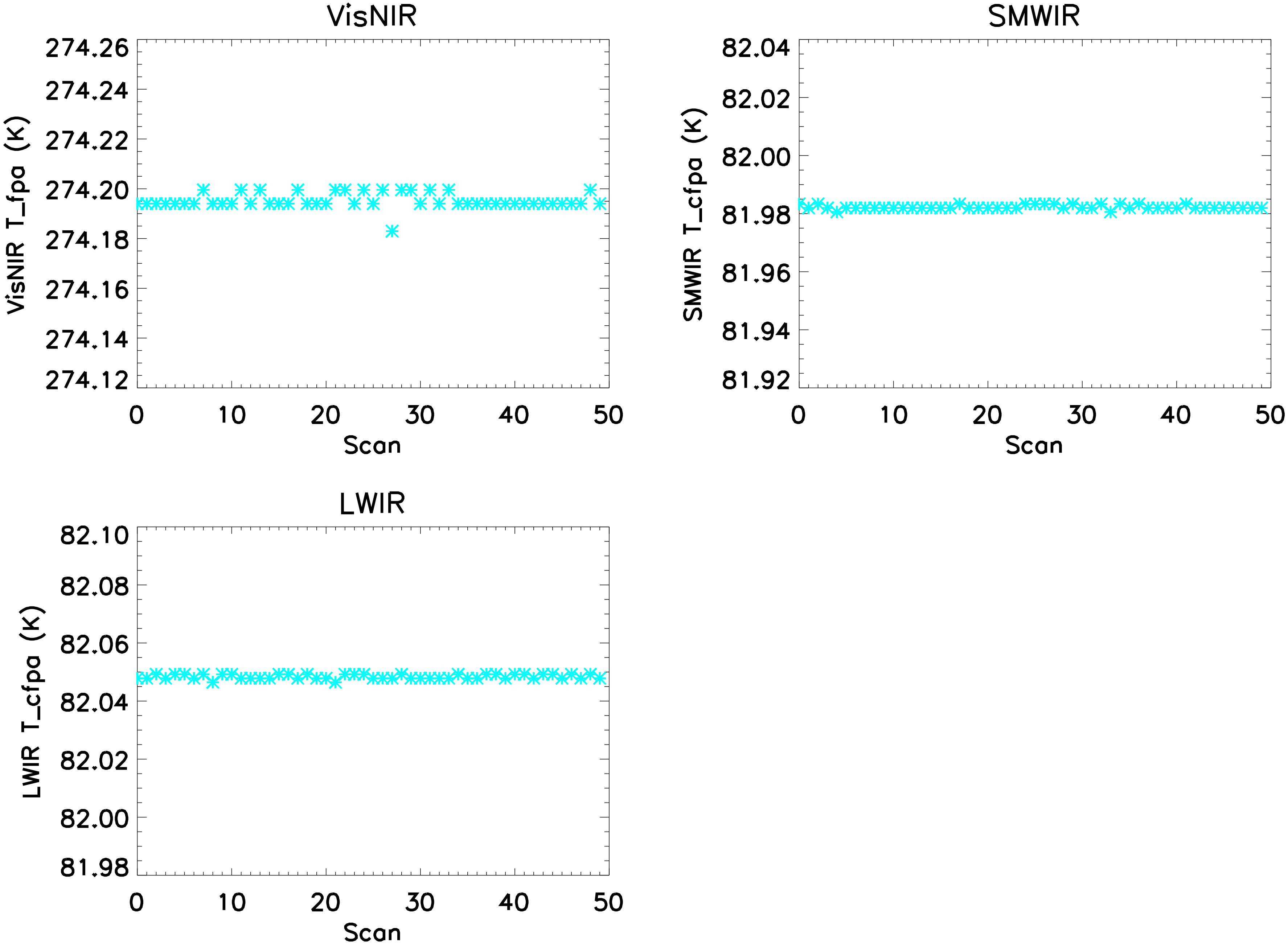
T_cpfa vs Scan: Collect=54

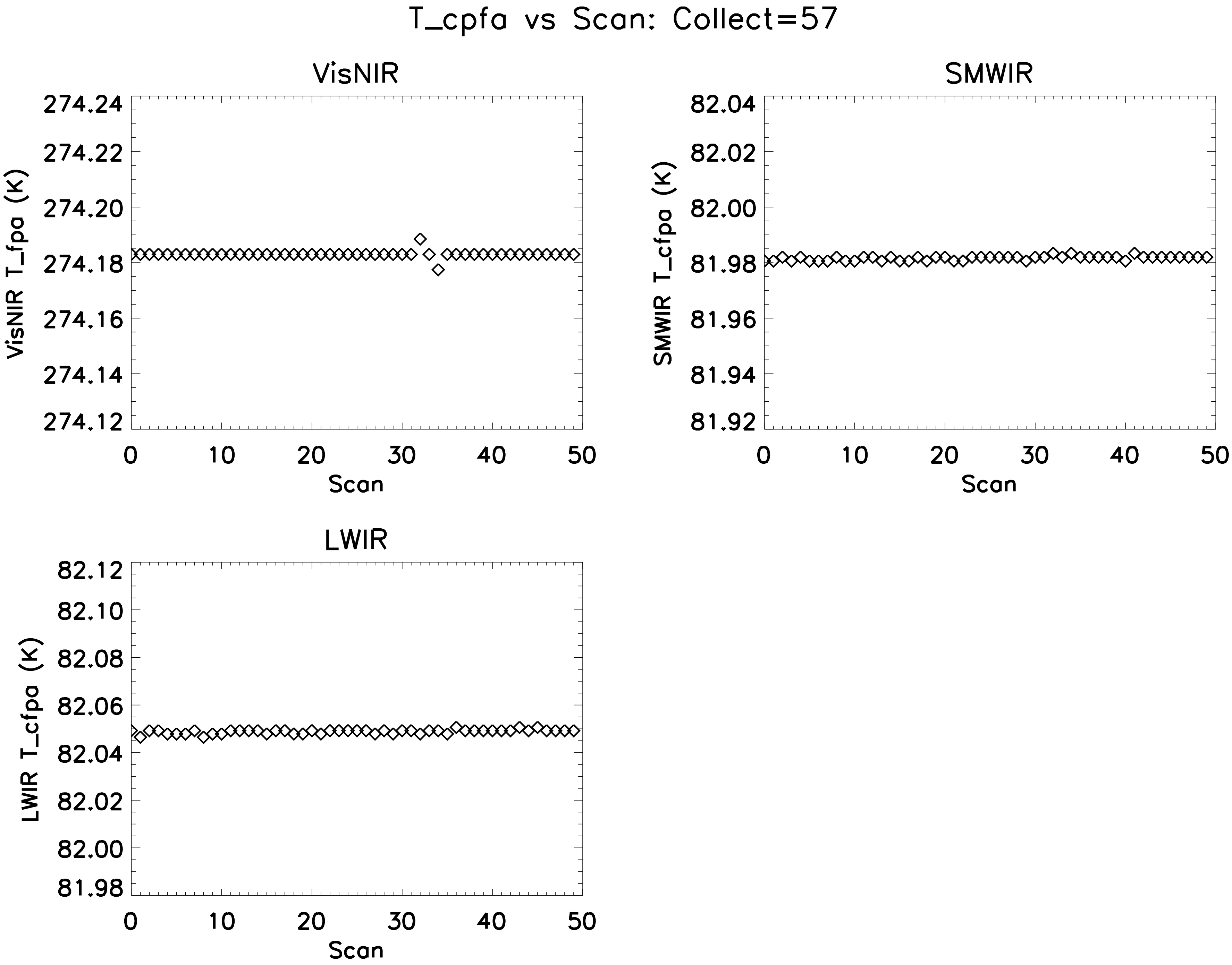


T_cpfa vs Scan: Collect=55

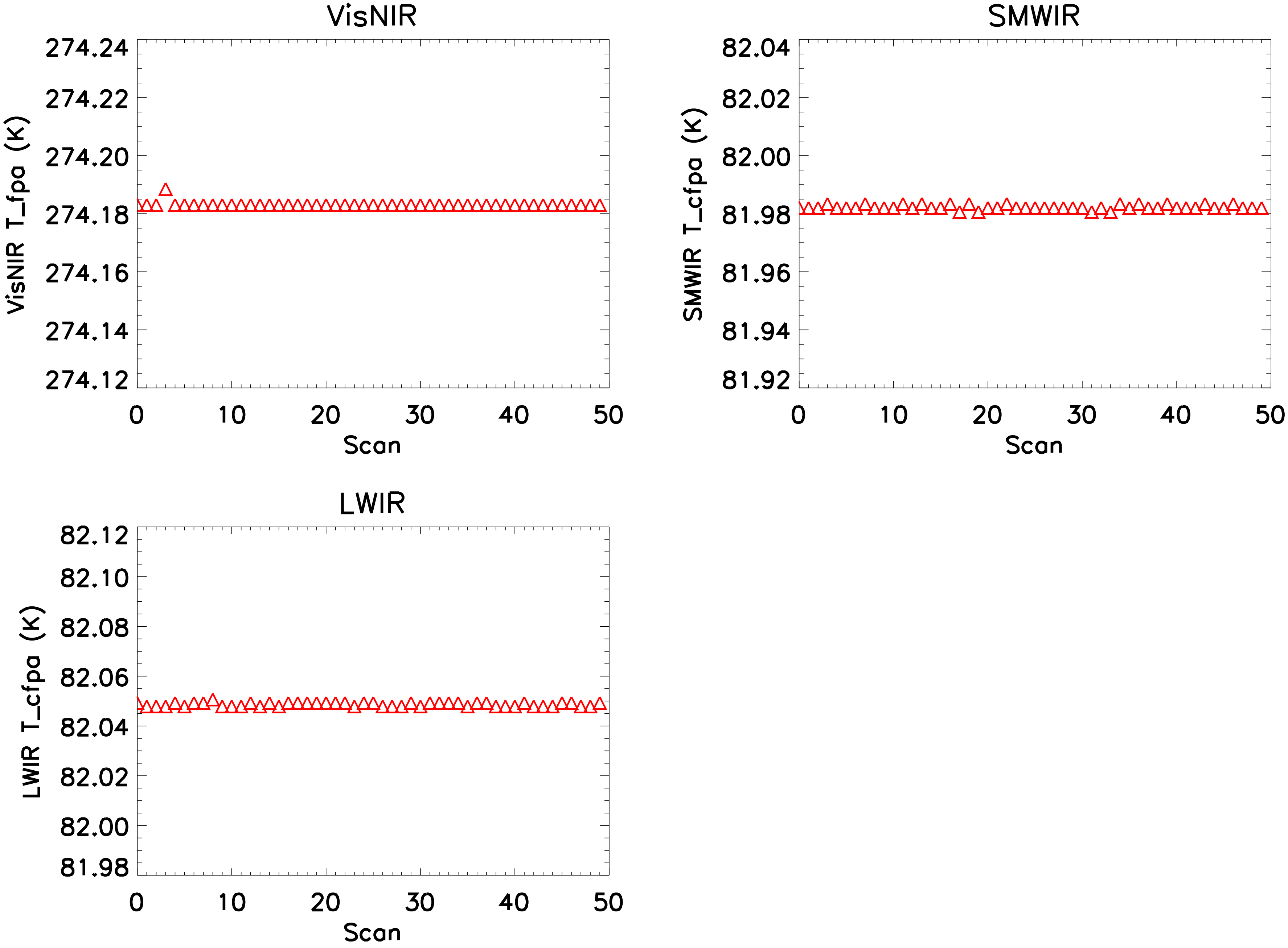


T_cpfa vs Scan: Collect=56

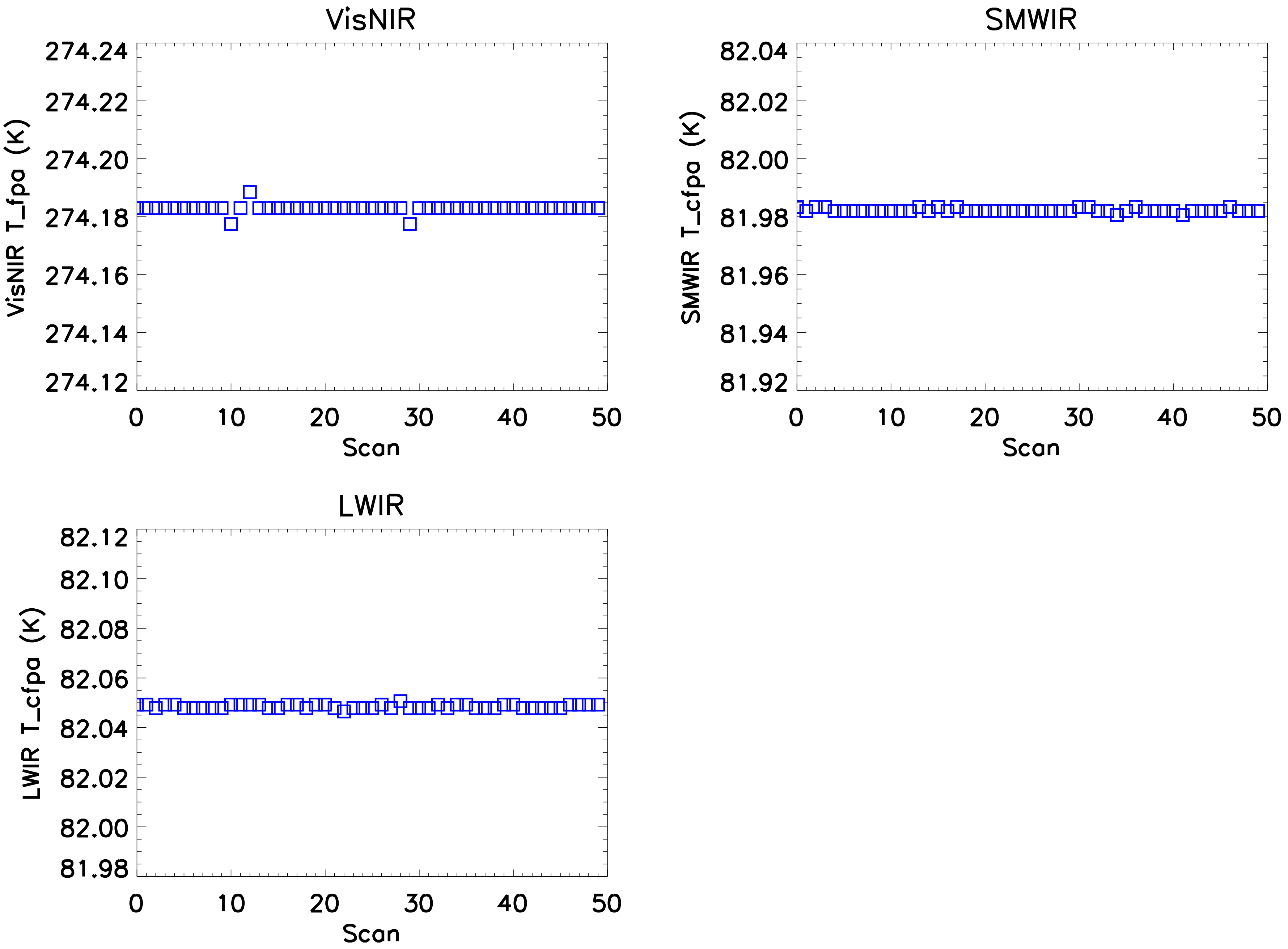


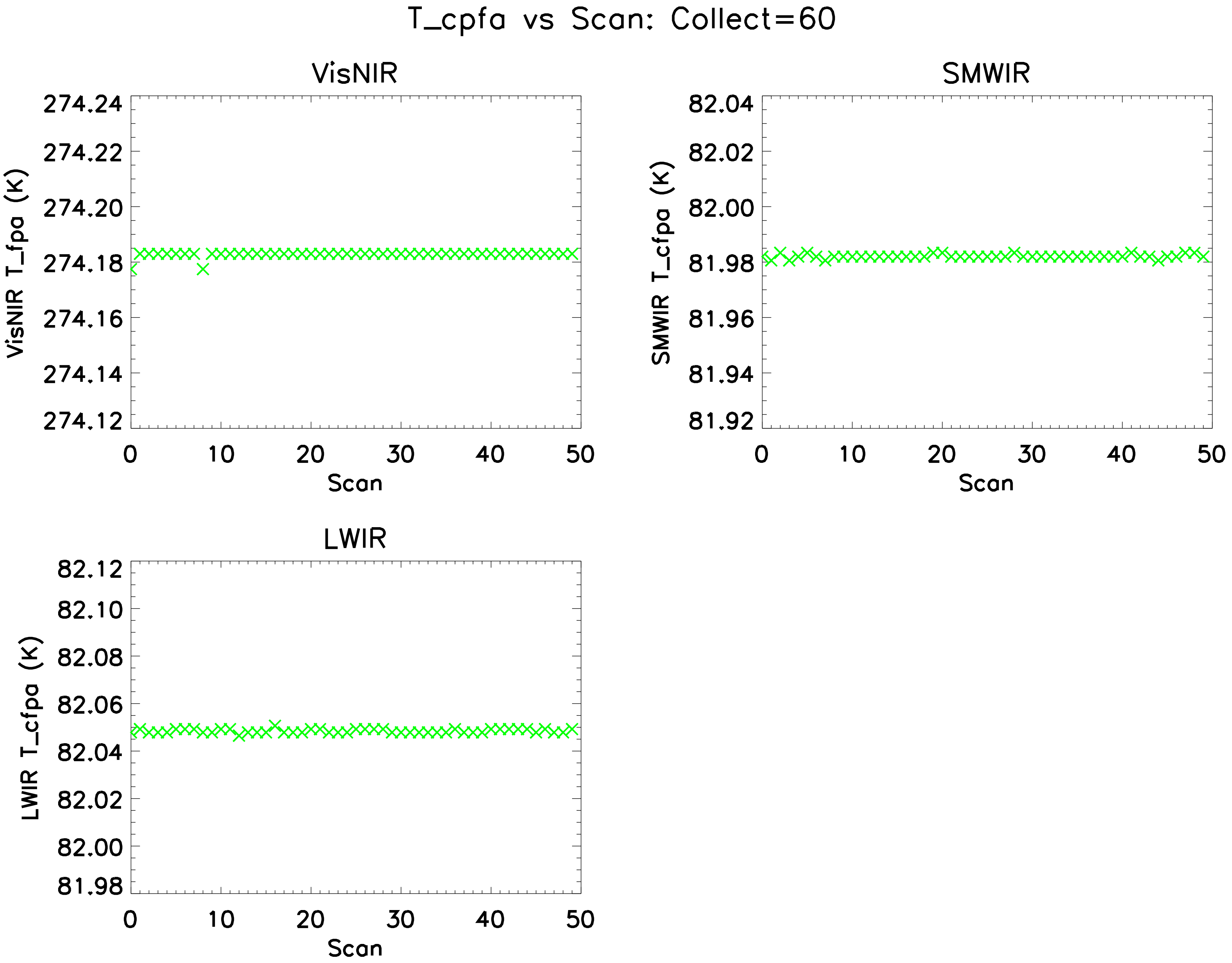

T_cpfa vs Scan: Collect=57
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=58

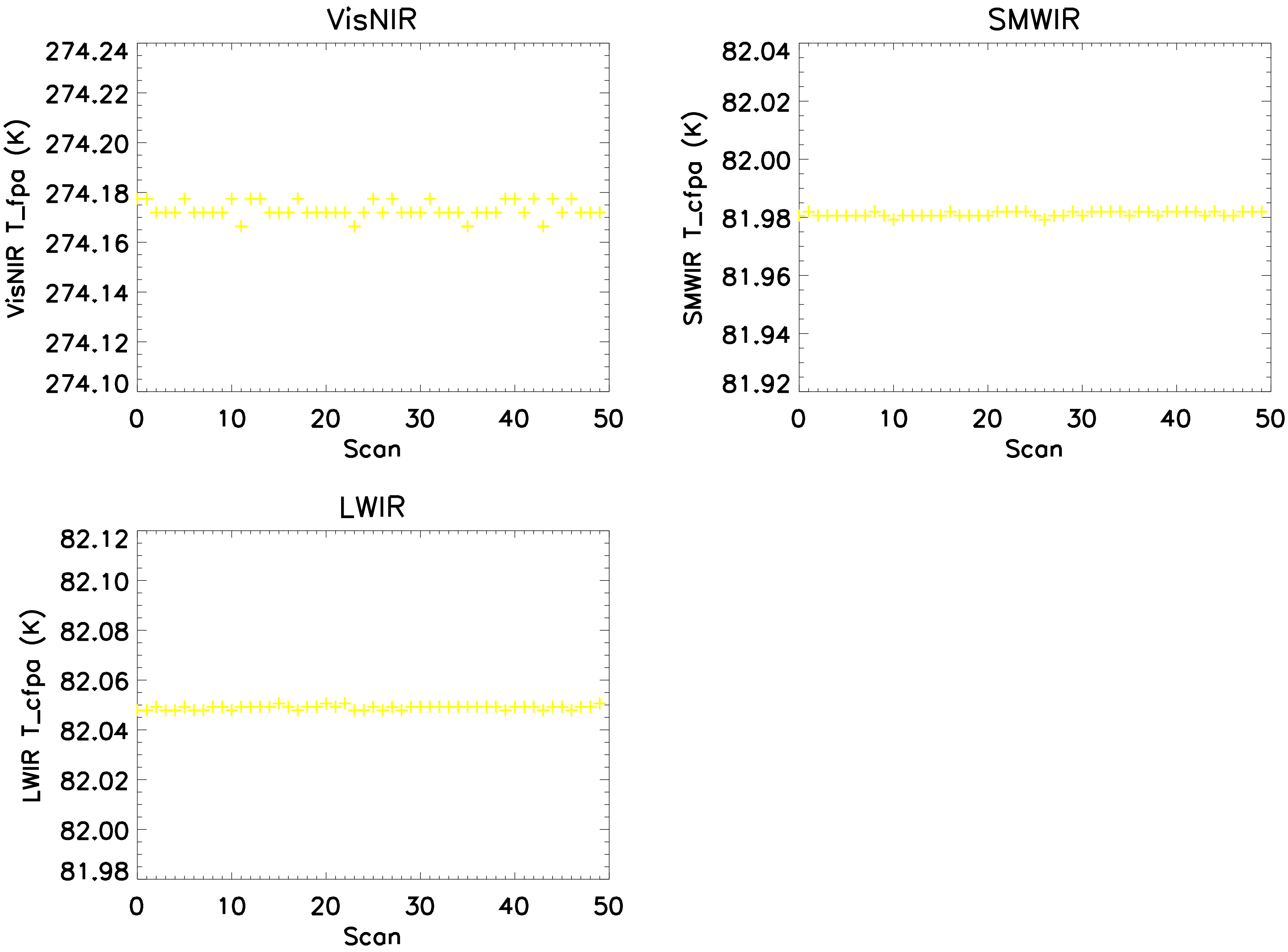


T_cpfa vs Scan: Collect=59

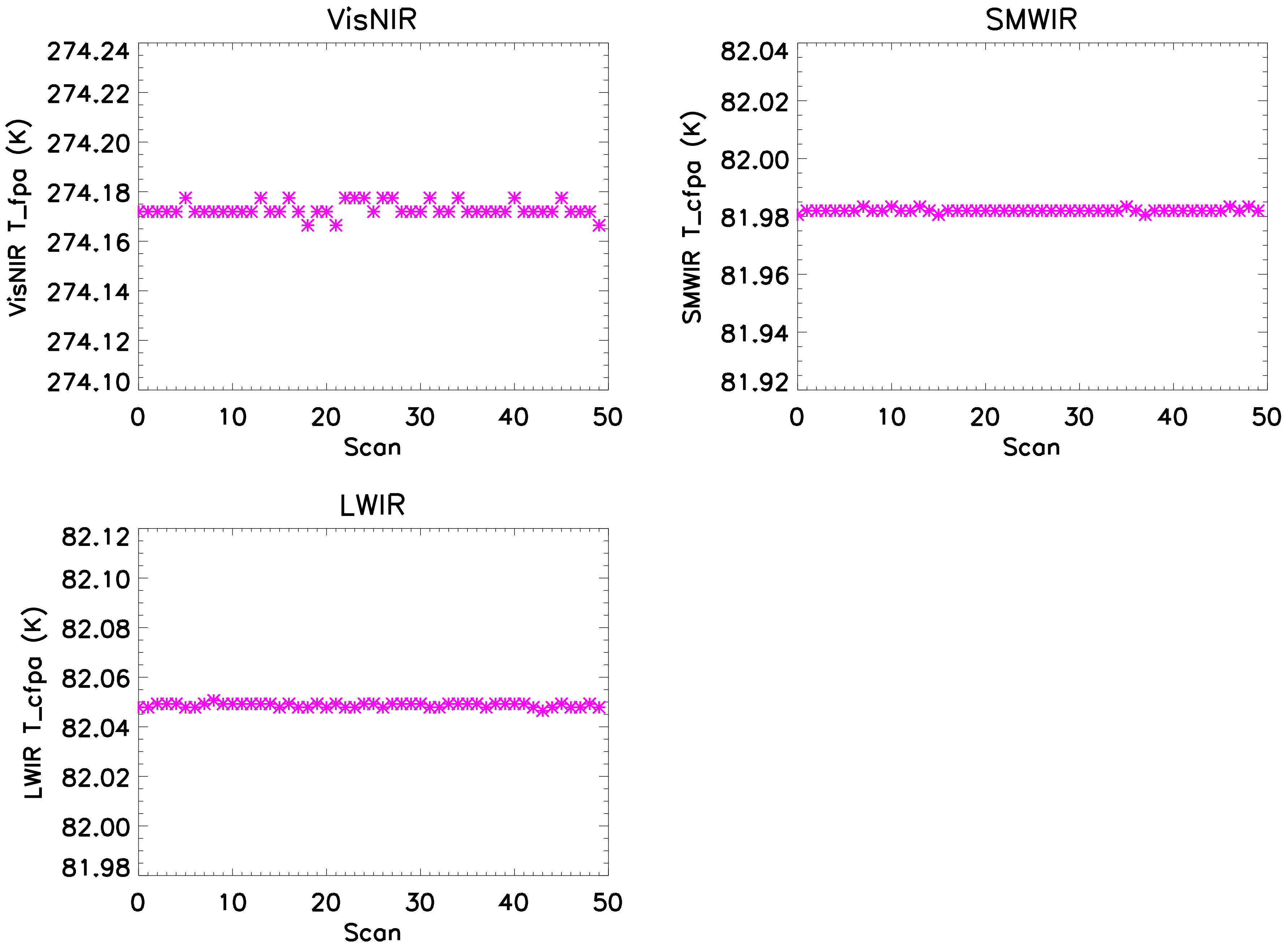


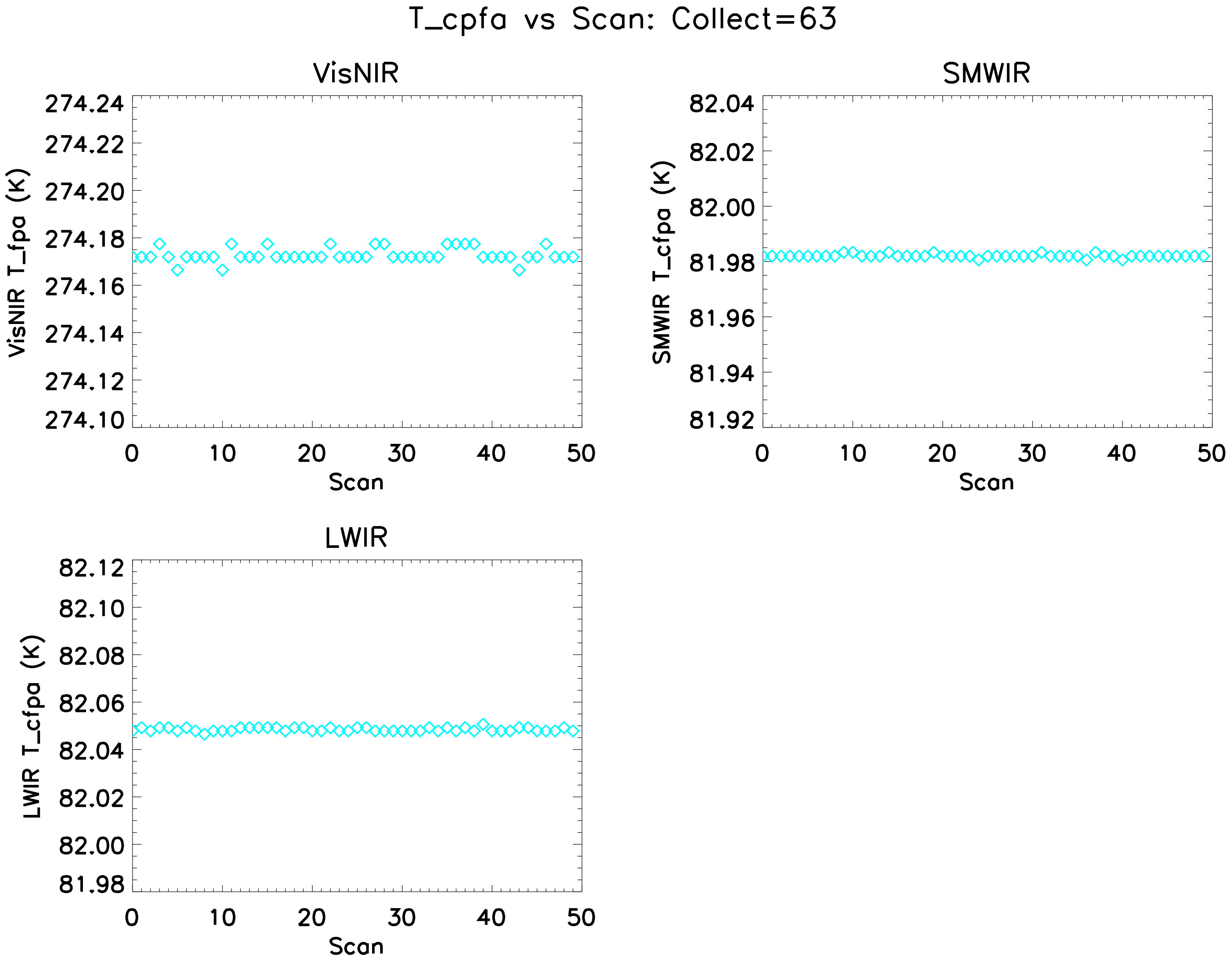

T_cpfa vs Scan: Collect=60
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=61

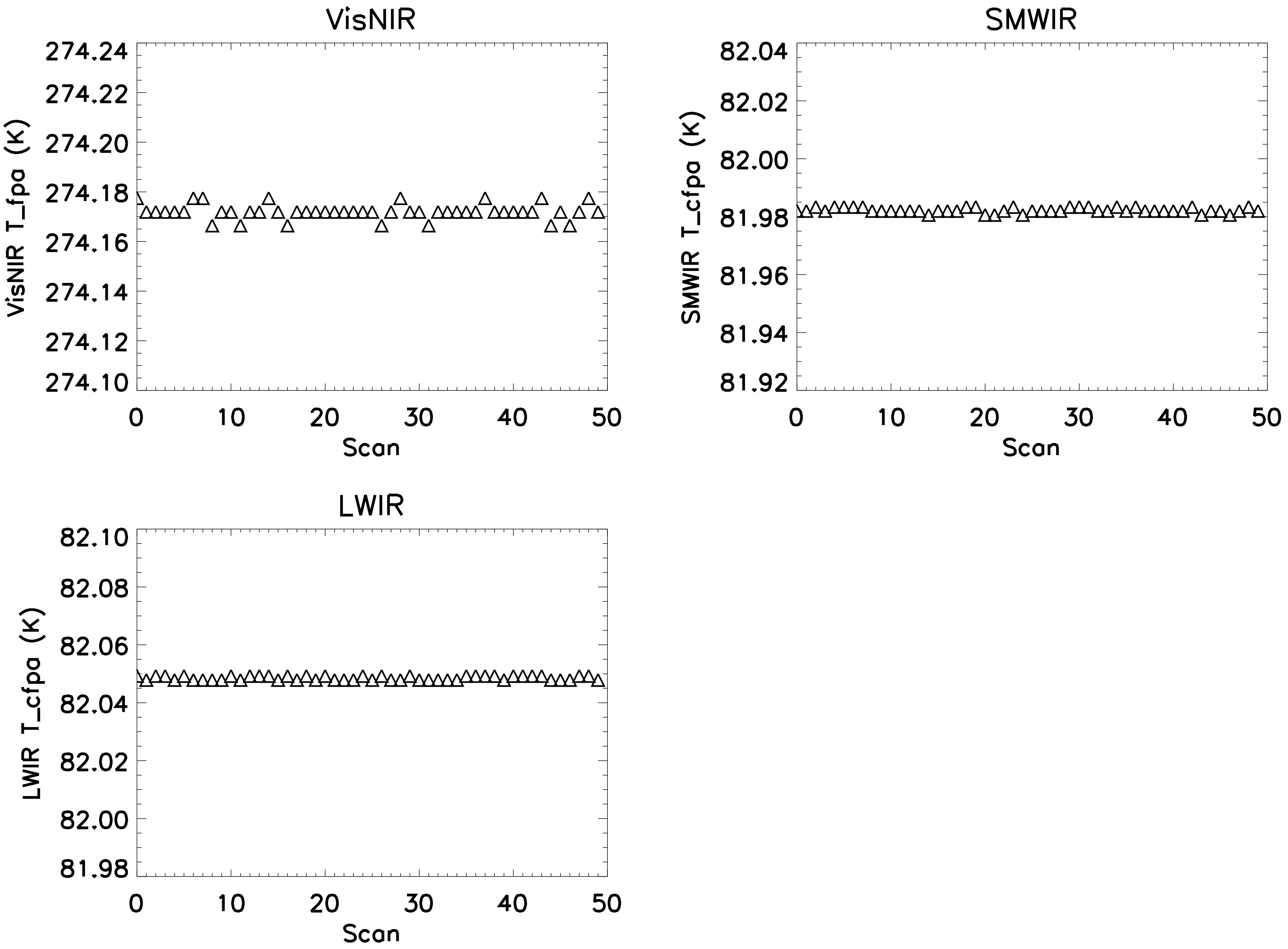


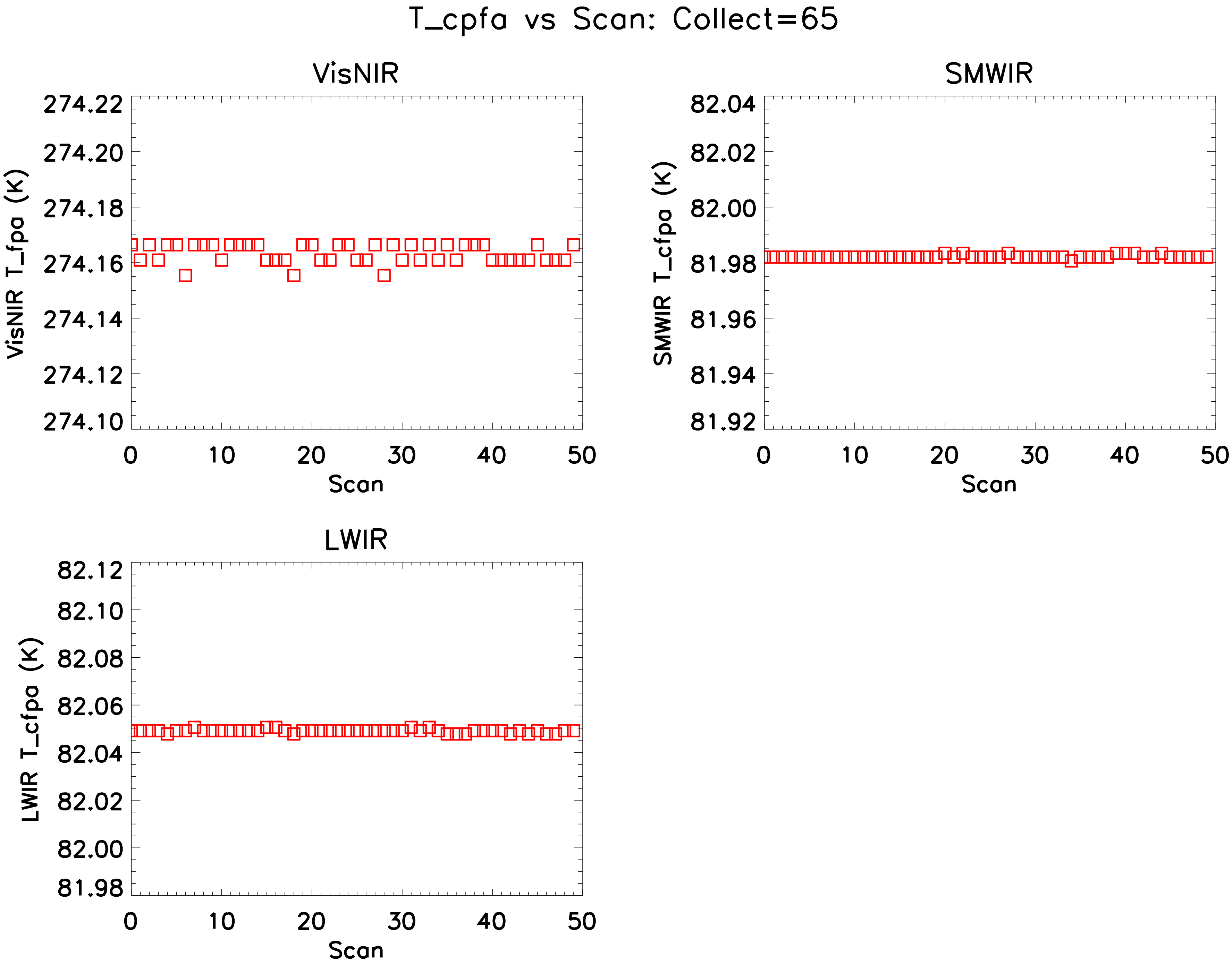
T_cpfa vs Scan: Collect=62

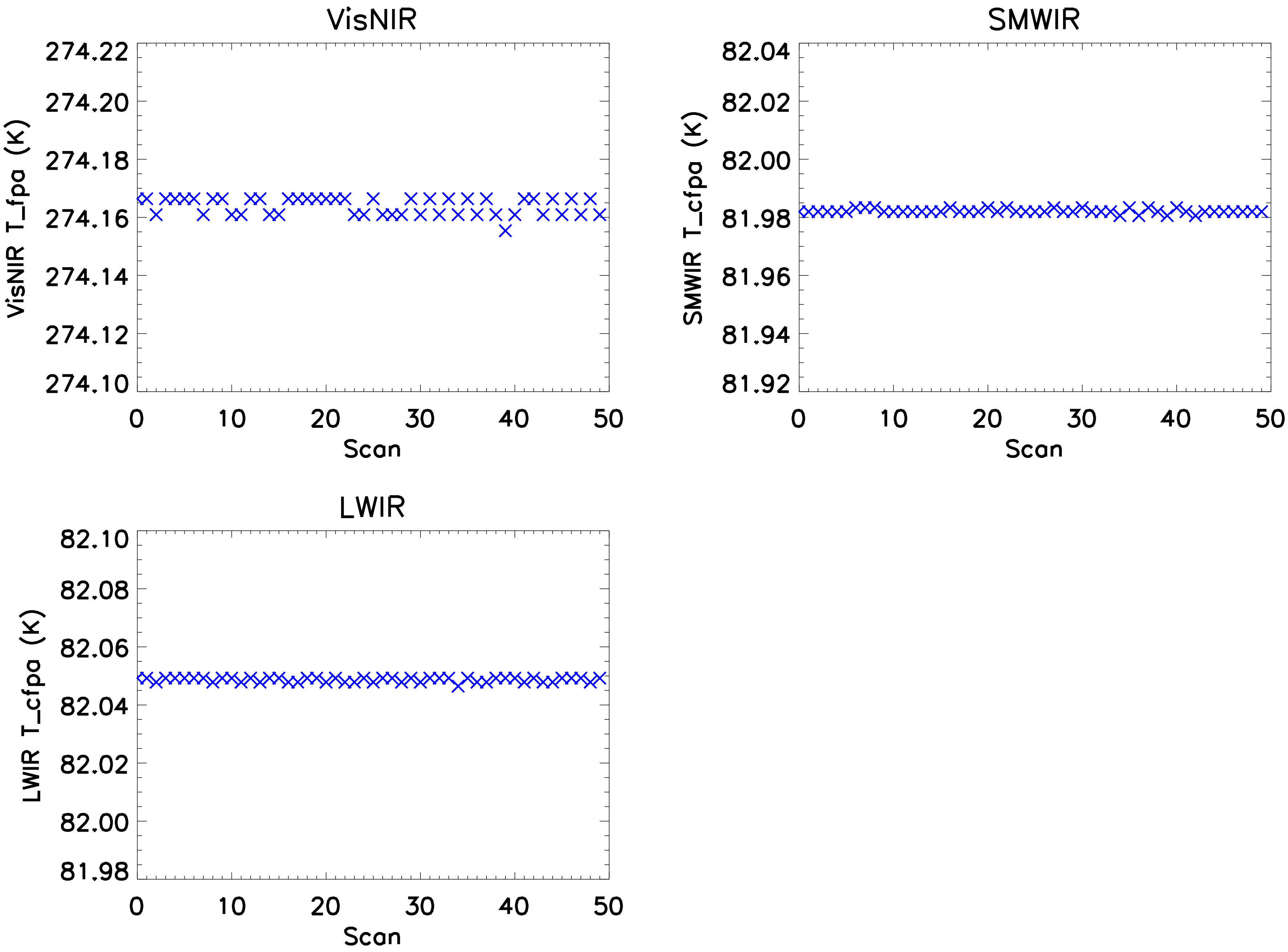



T_cpfa vs Scan: Collect=63
VisNIR
VisNIR T_fpa (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=64

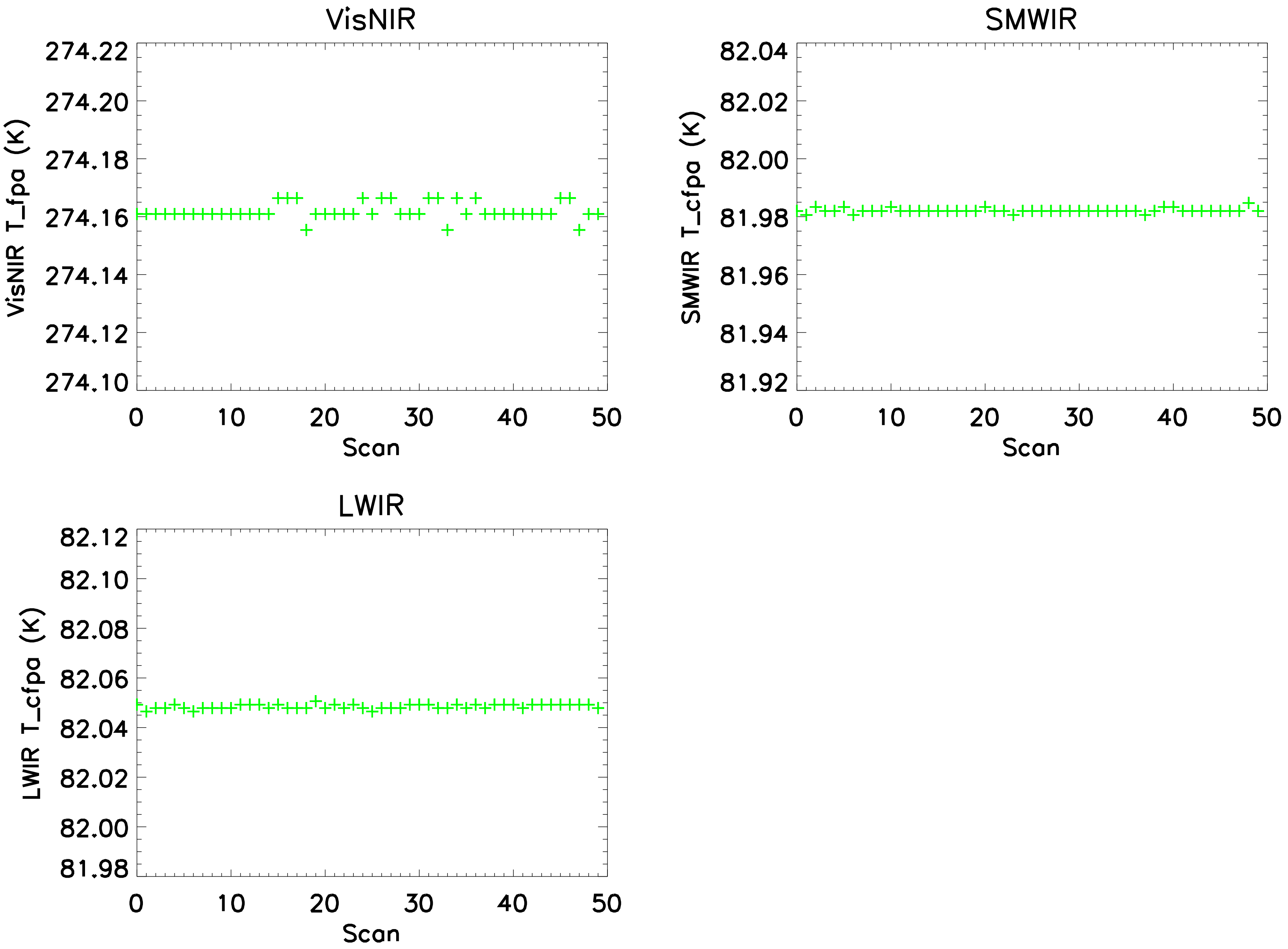



T_cpfa vs Scan: Collect=65
VisNIR
VisNIR T_fpa (K)
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

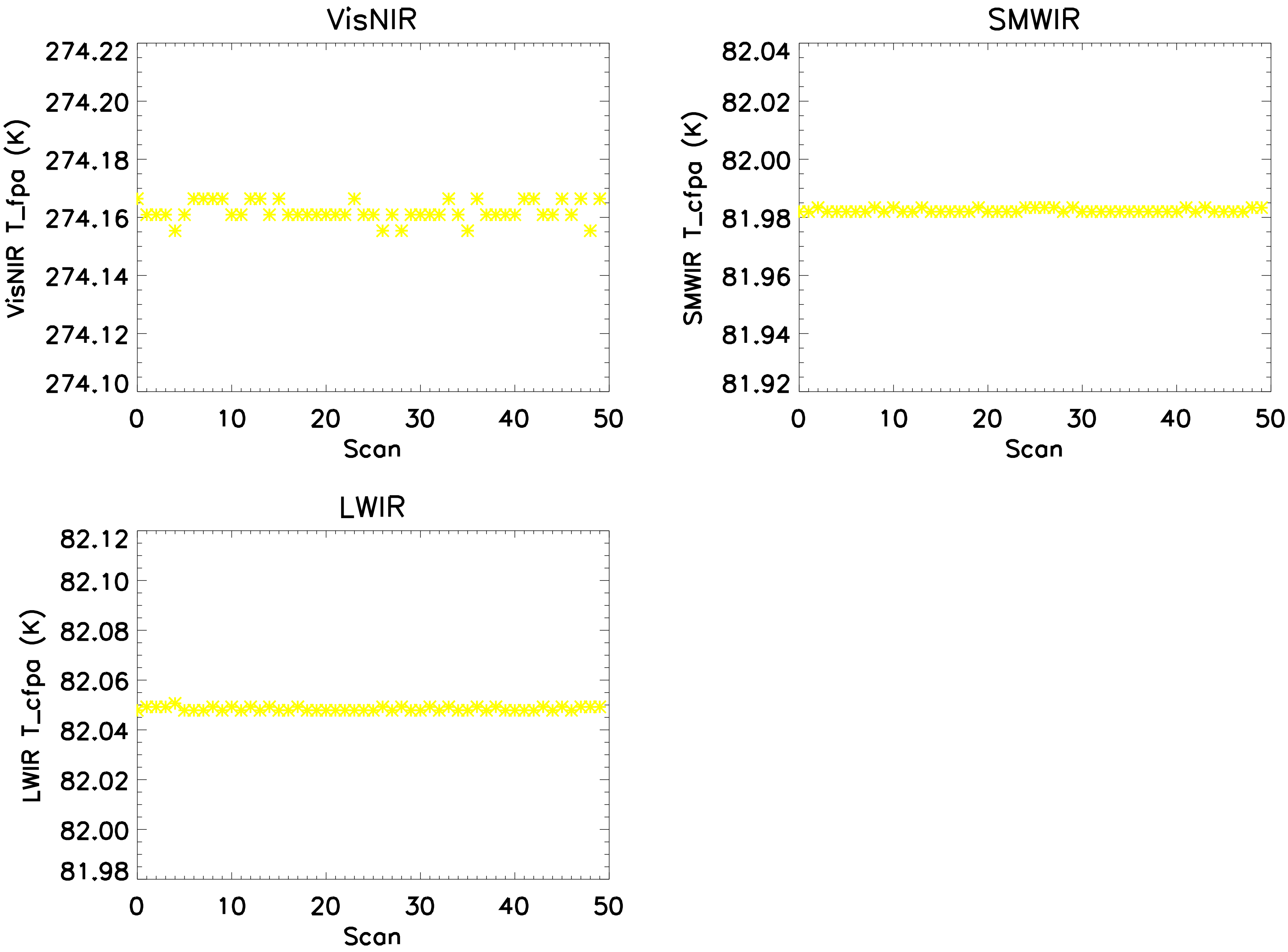


T_cpfa vs Scan: Collect=66

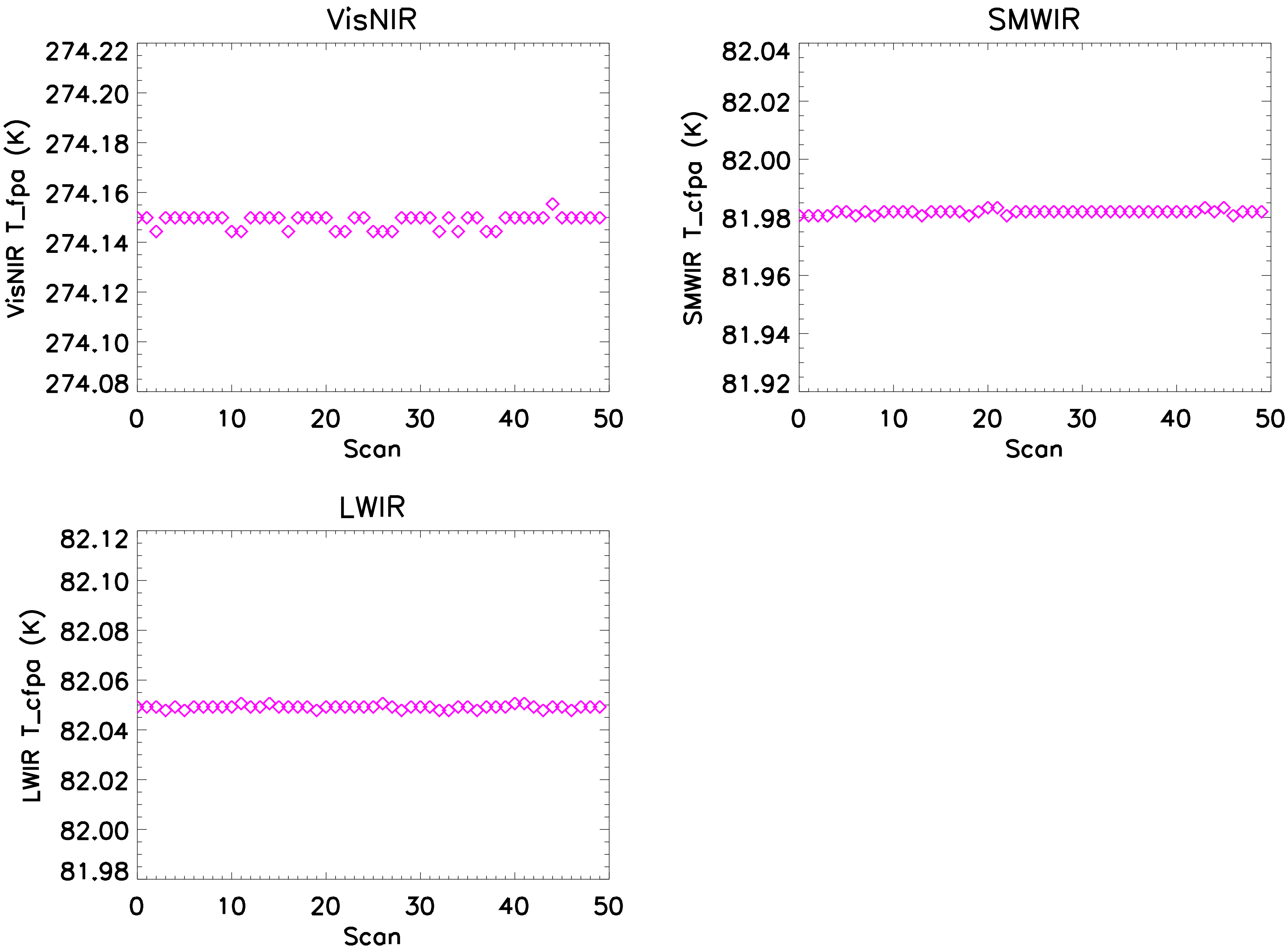
T_cpfa vs Scan: Collect=67



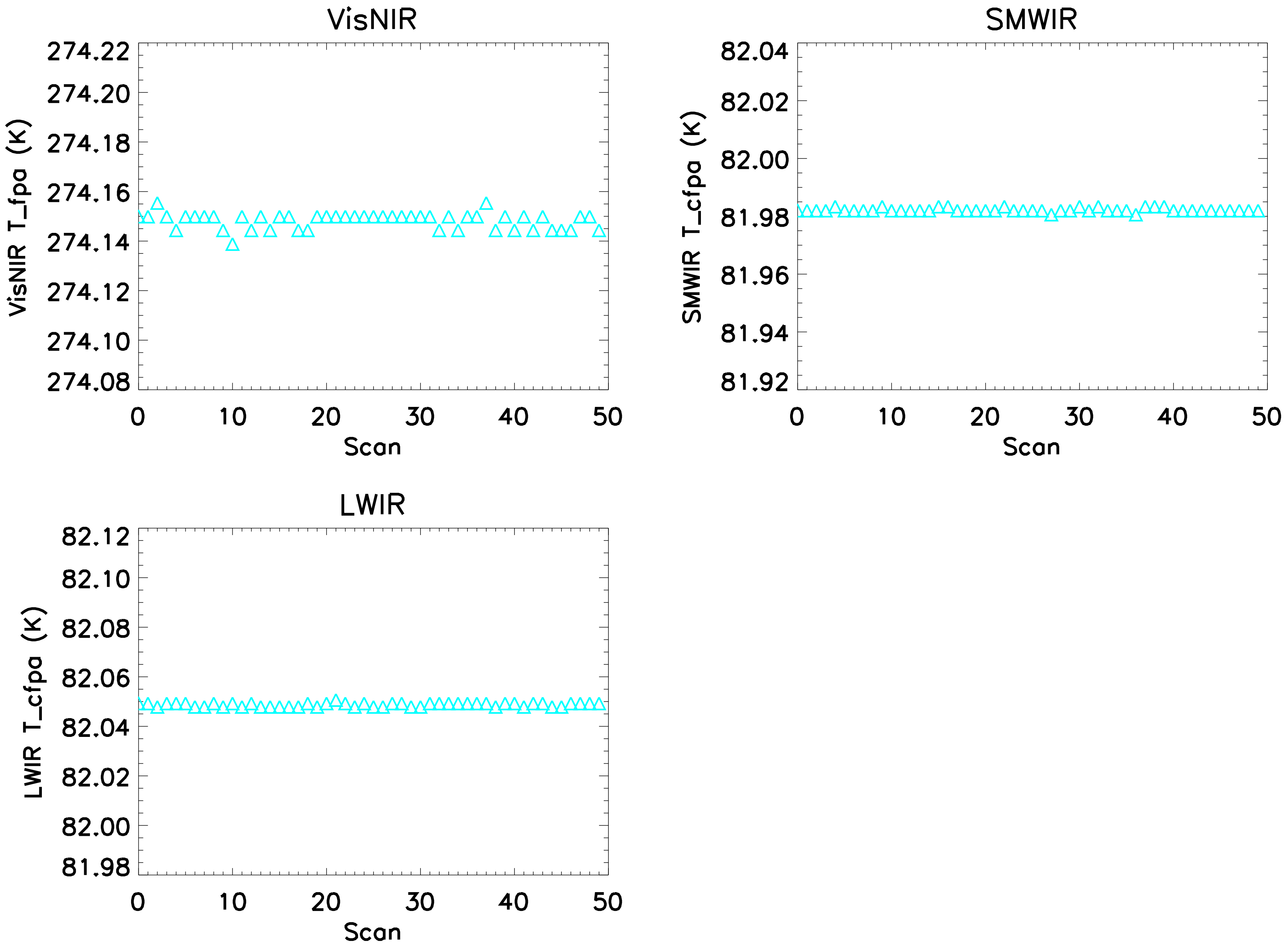
T_cpfa vs Scan: Collect=68

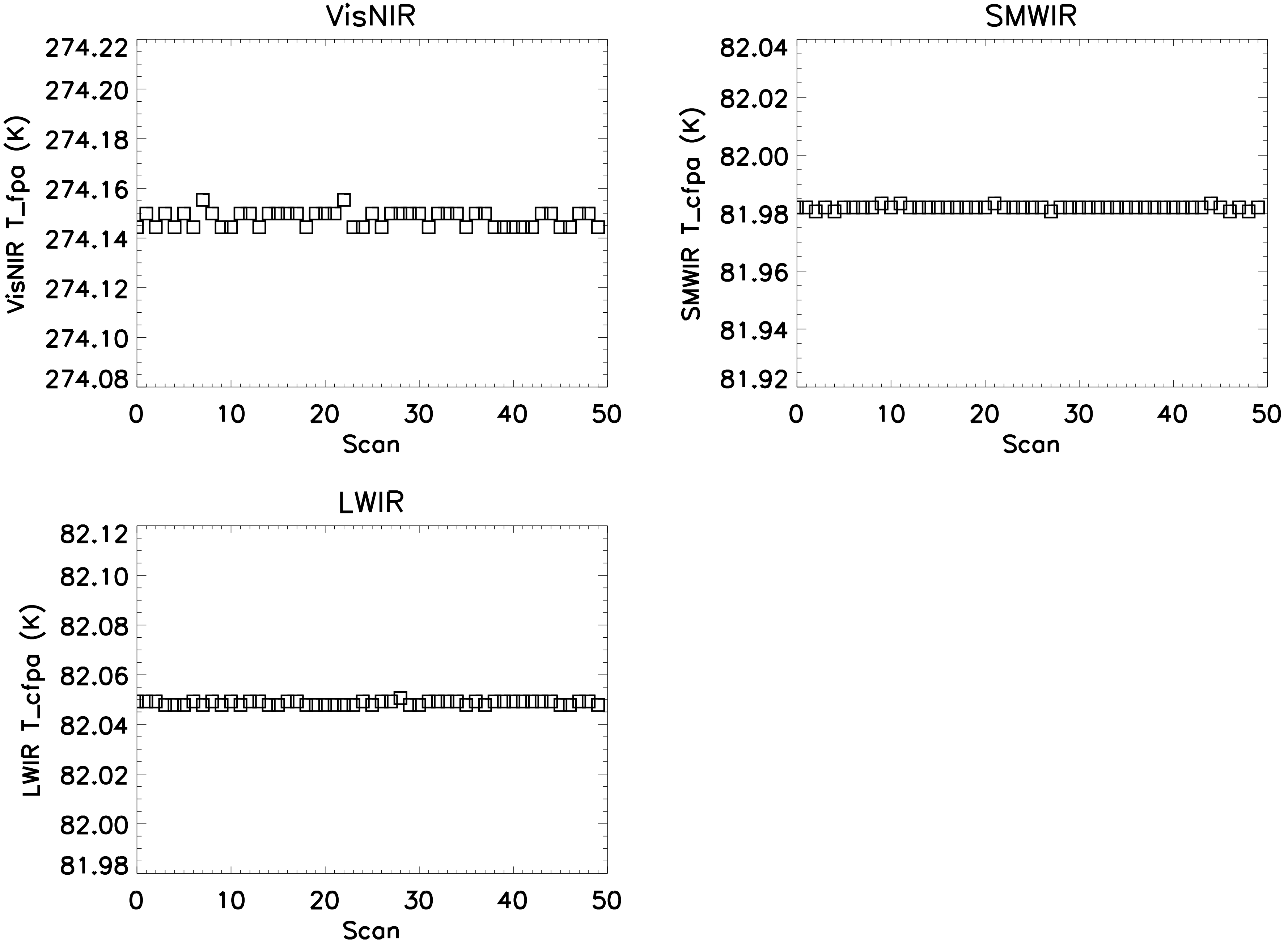


T_cpfa vs Scan: Collect=69



T_cpfa vs Scan: Collect=70



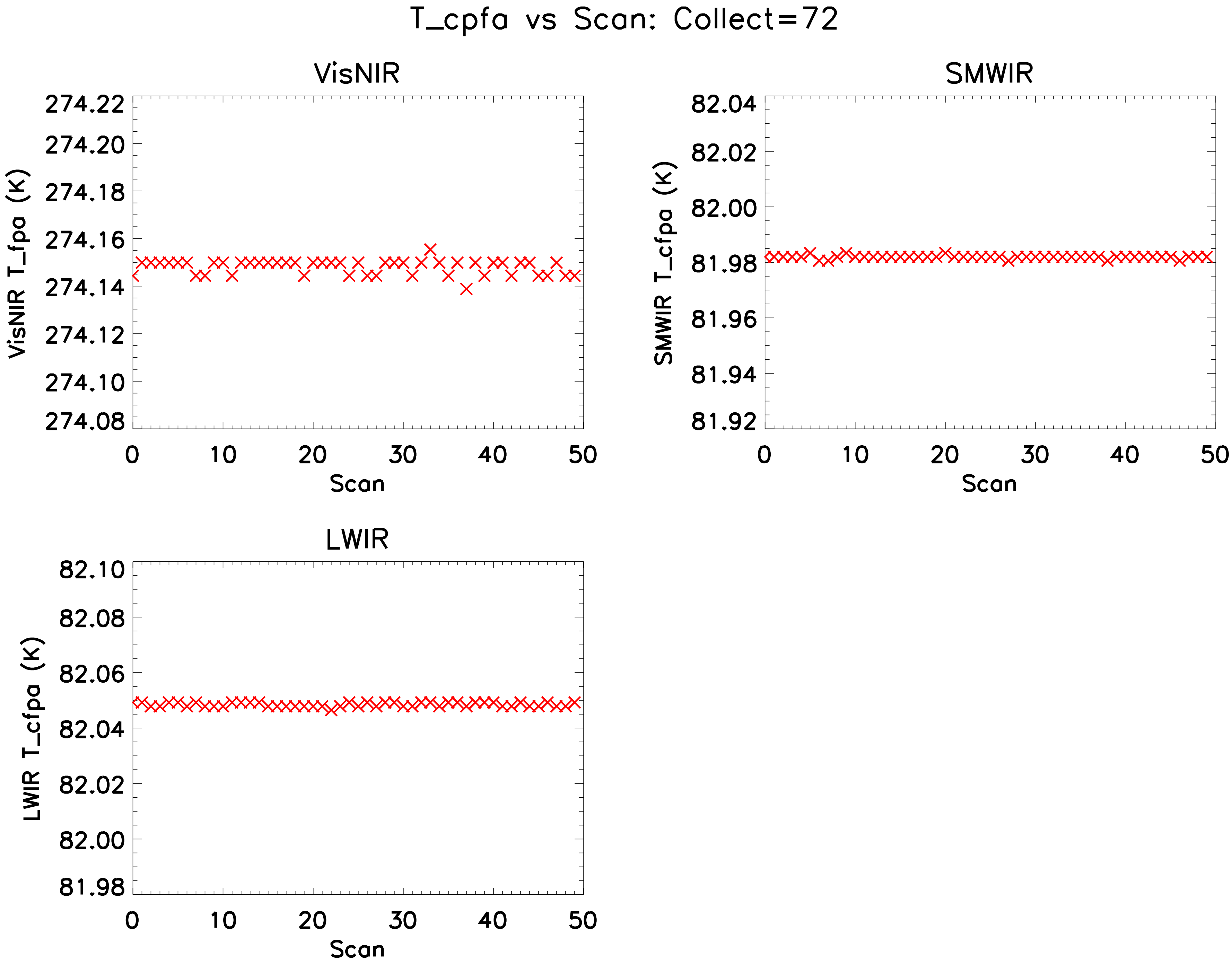


T_cpfa vs Scan: Collect=71

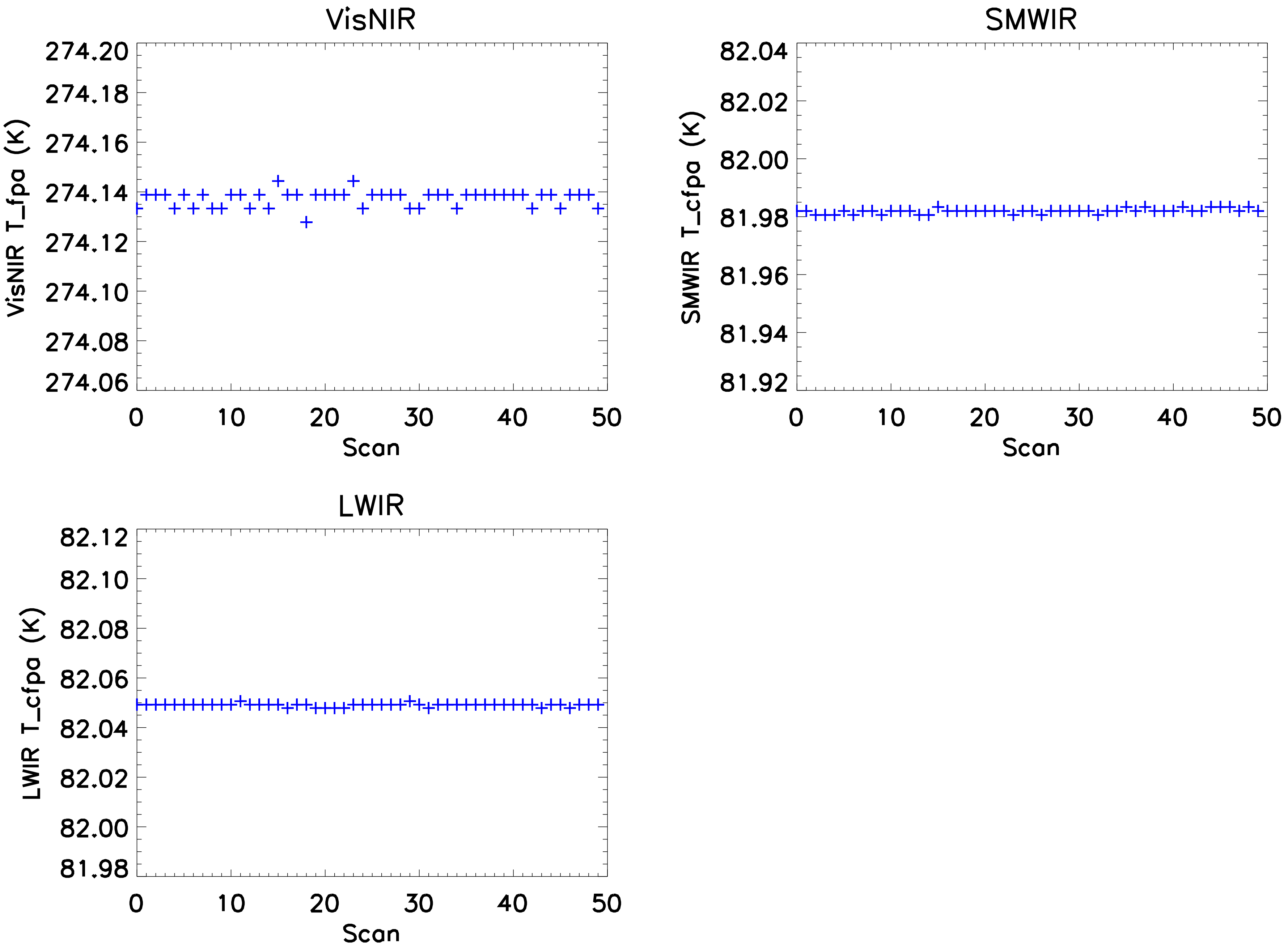
VisNIR

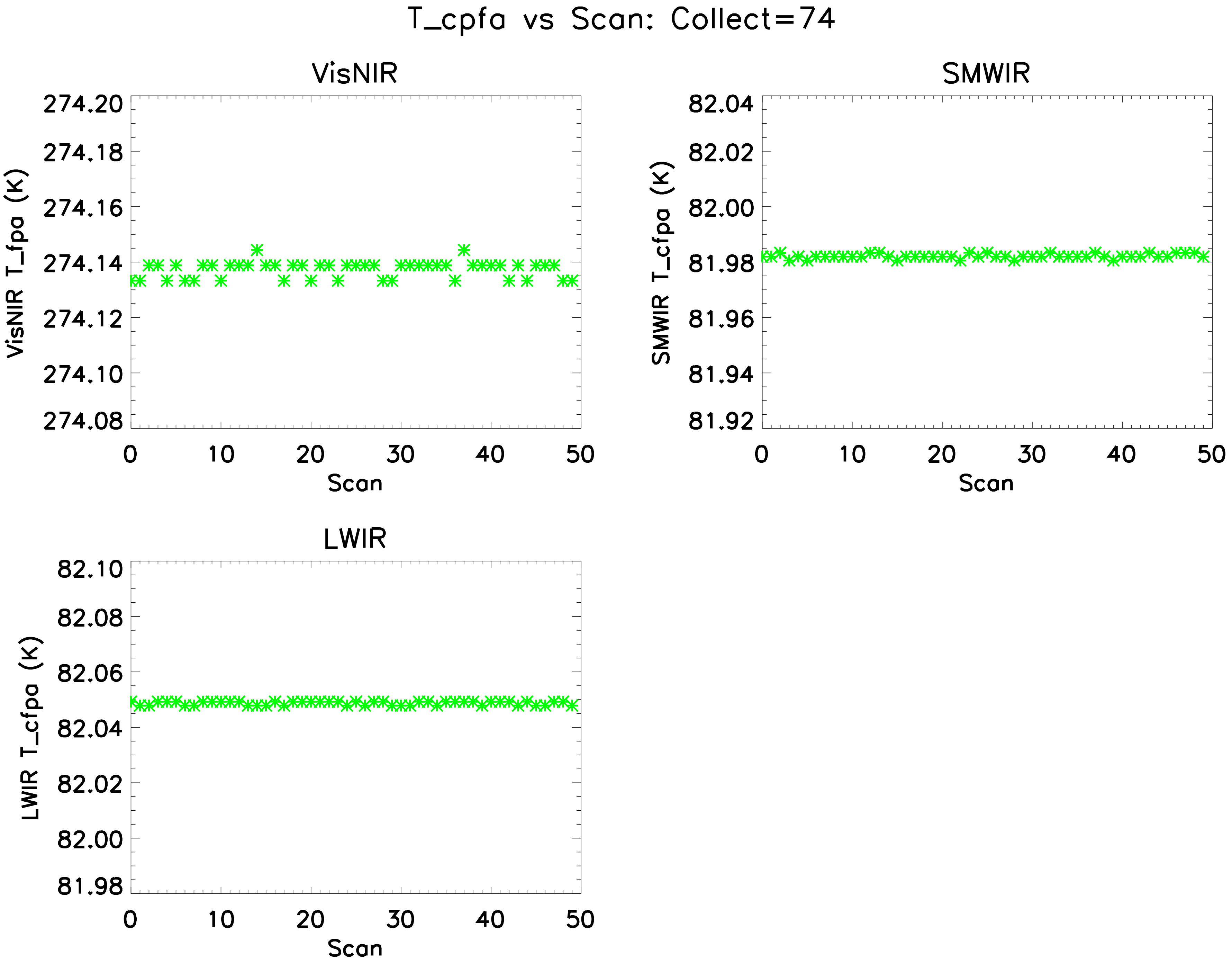
SMWIR

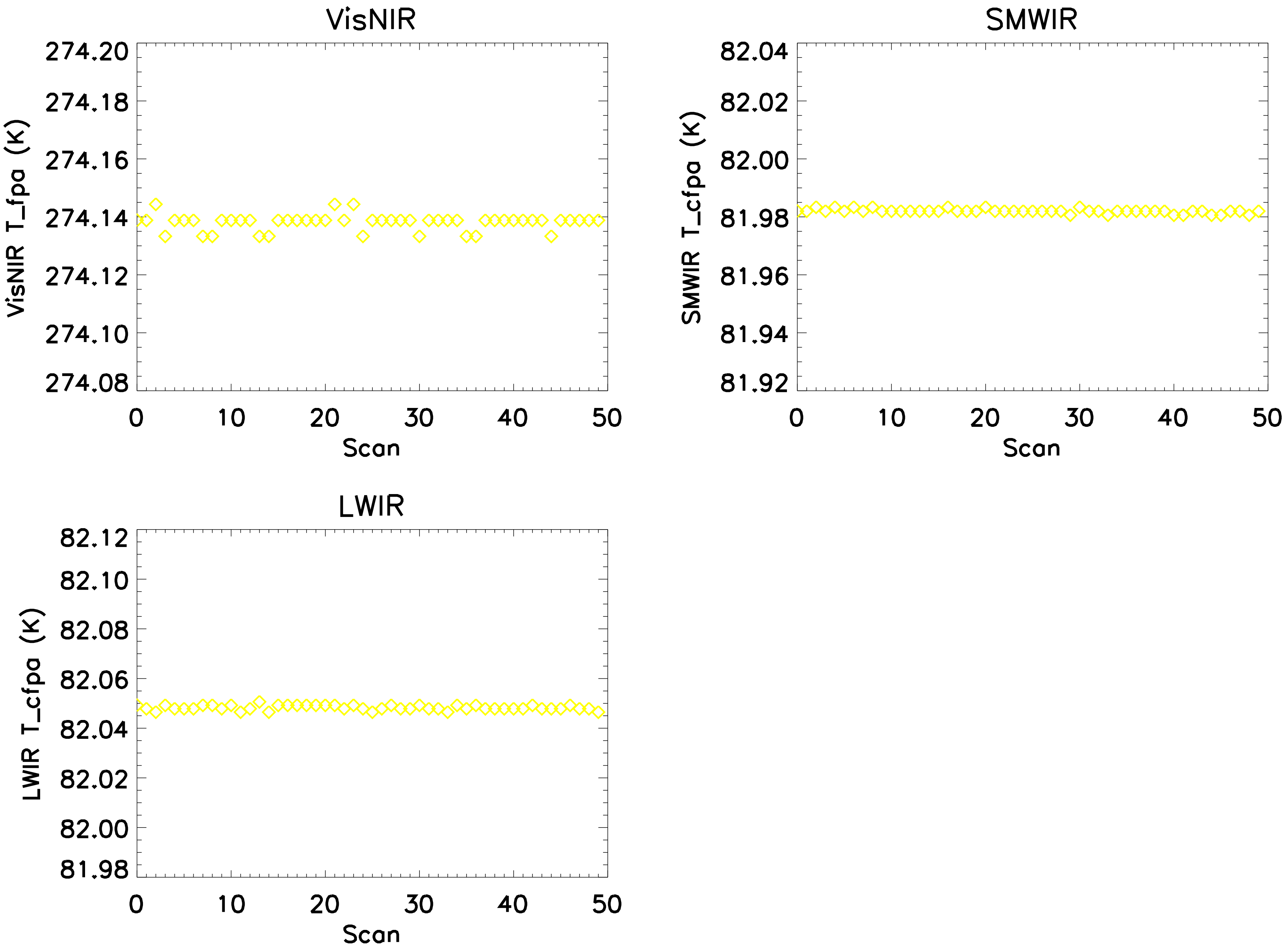
LWIR


T_cpfa vs Scan: Collect=72
VisNIR
VisNIR T_fpa (K)
274.22
274.20
274.18
274.16
274.14
274.12
274.10
274.08
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

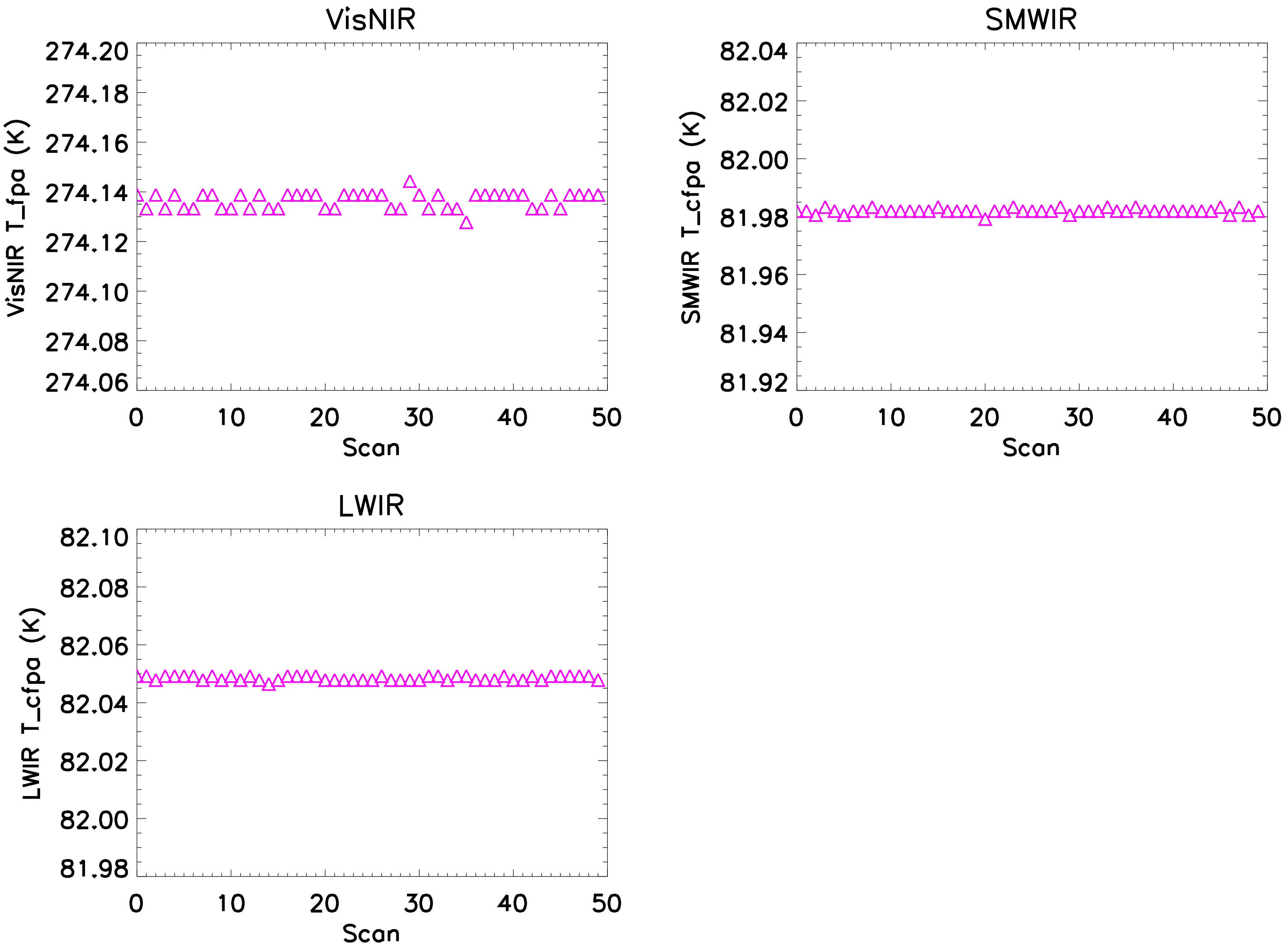
T_cpfa vs Scan: Collect=73



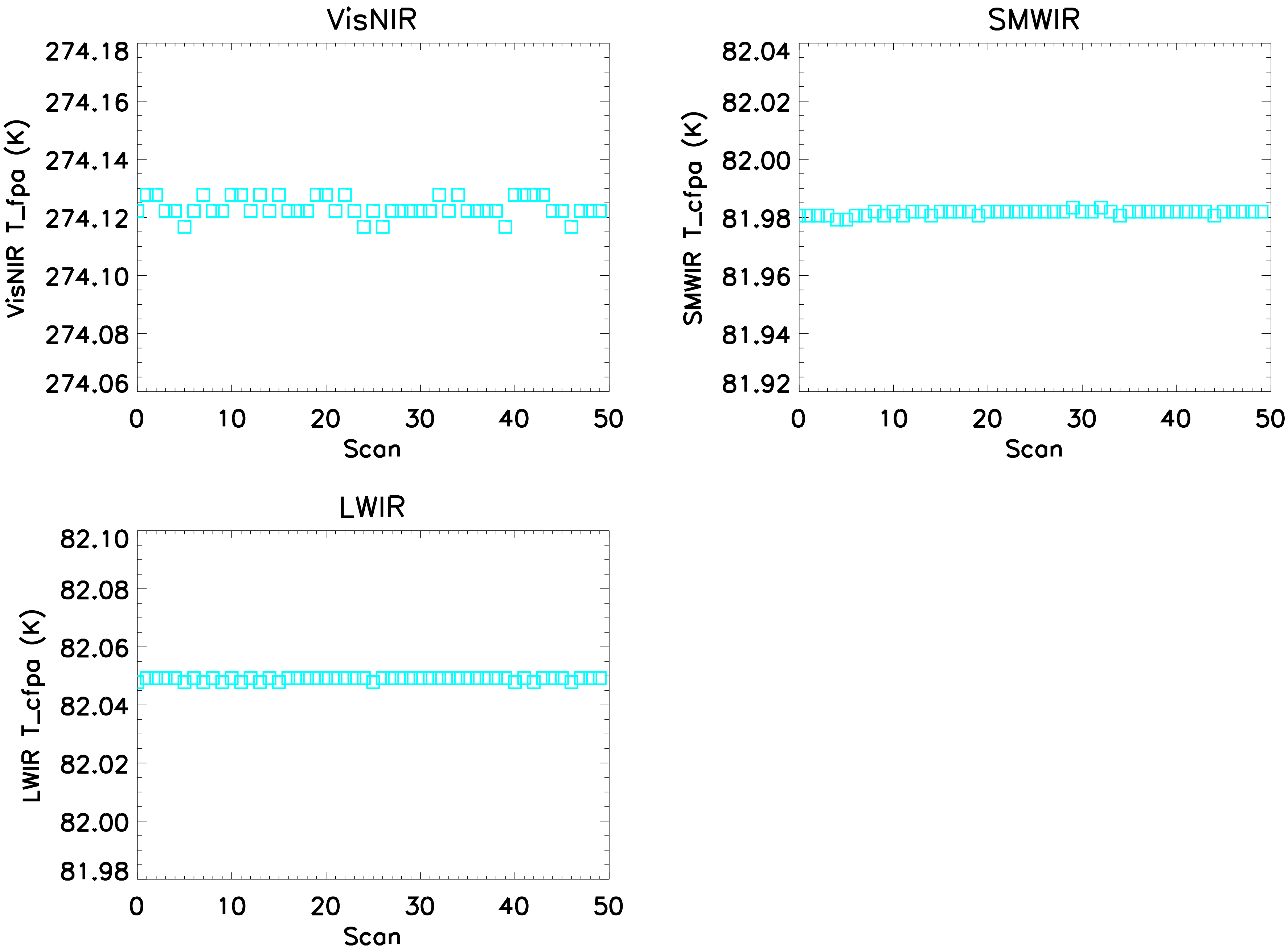

T_cpfa vs Scan: Collect=74
VisNIR
VisNIR T_fpa (K)
274.20
274.18
274.16
274.14
274.12
274.10
274.08
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

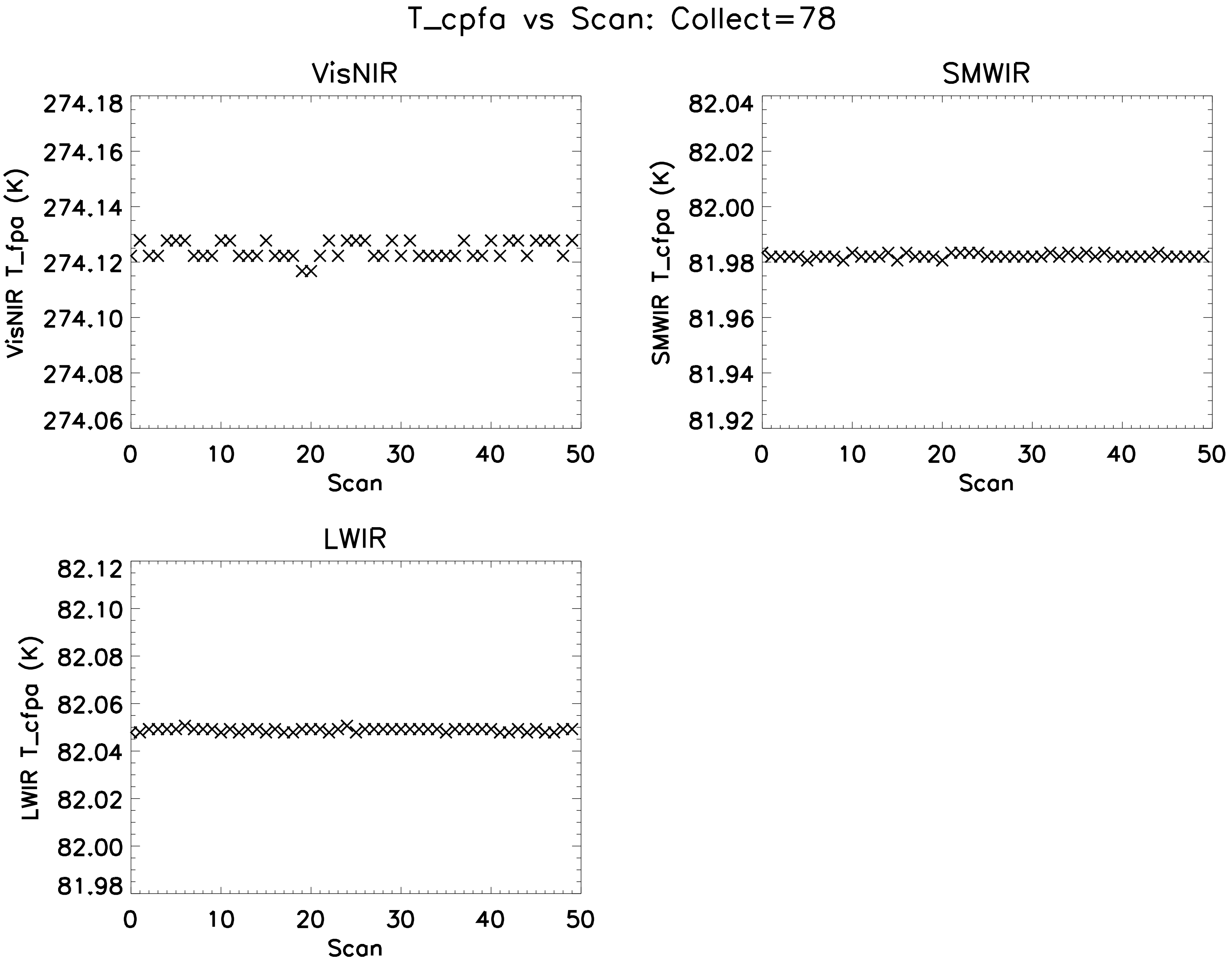


T_cpfa vs Scan: Collect=75

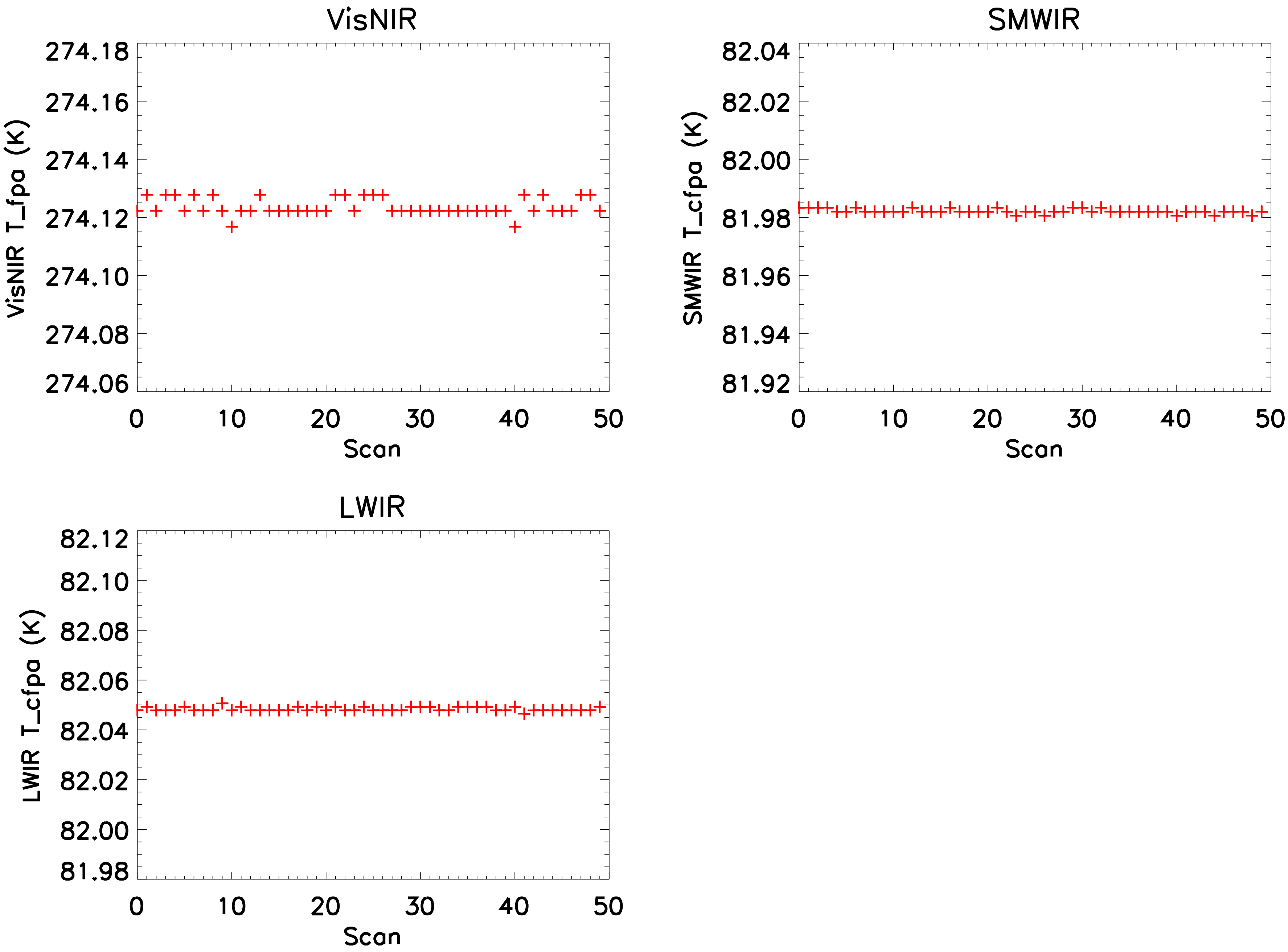

T_cpfa vs Scan: Collect=76

T_cpfa vs Scan: Collect=77




T_cpfa vs Scan: Collect=78
VisNIR
VisNIR T_fpa (K)
274.18
274.16
274.14
274.12
274.10
274.08
274.06
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

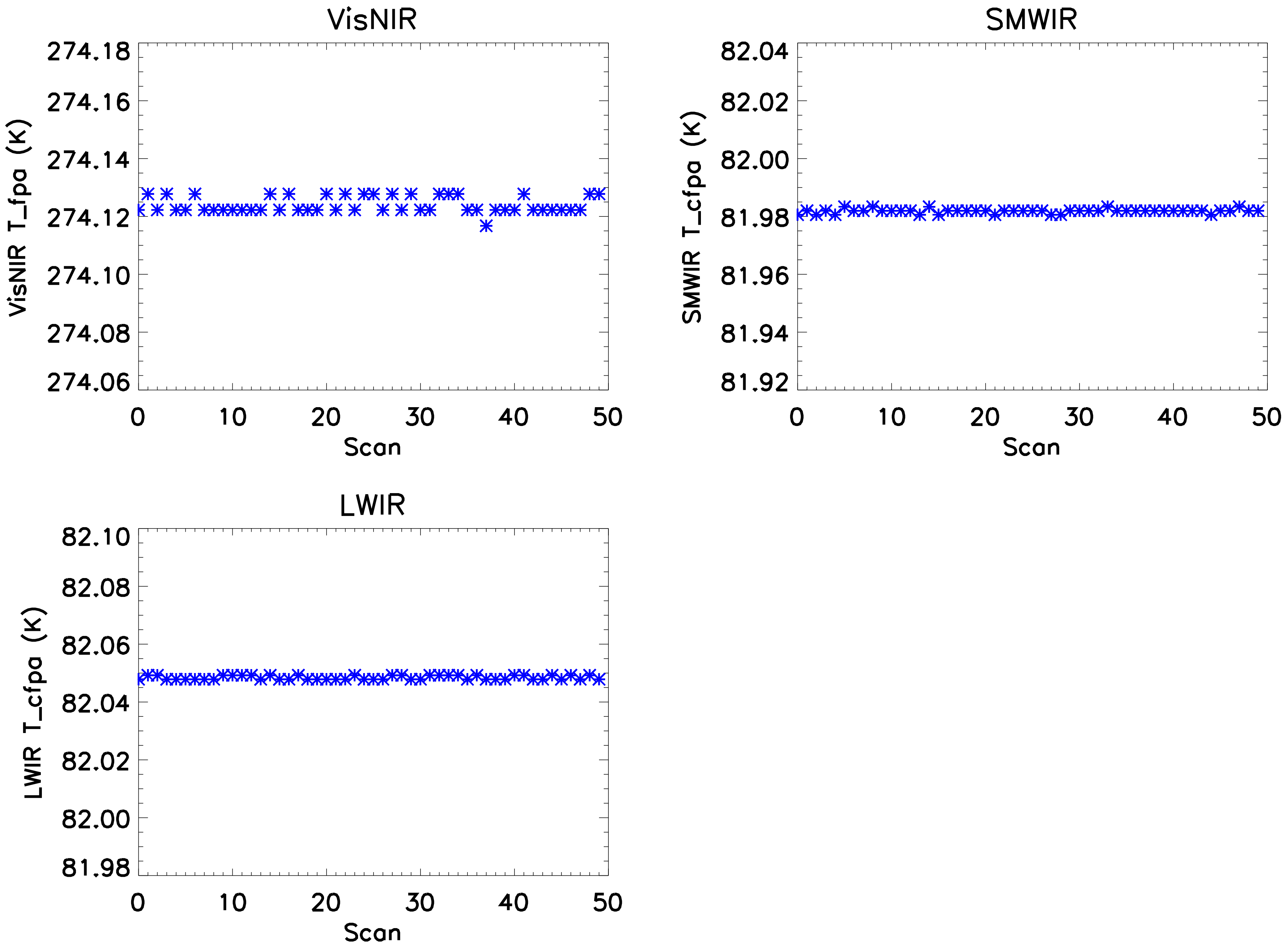
T_cpfa vs Scan: Collect=79

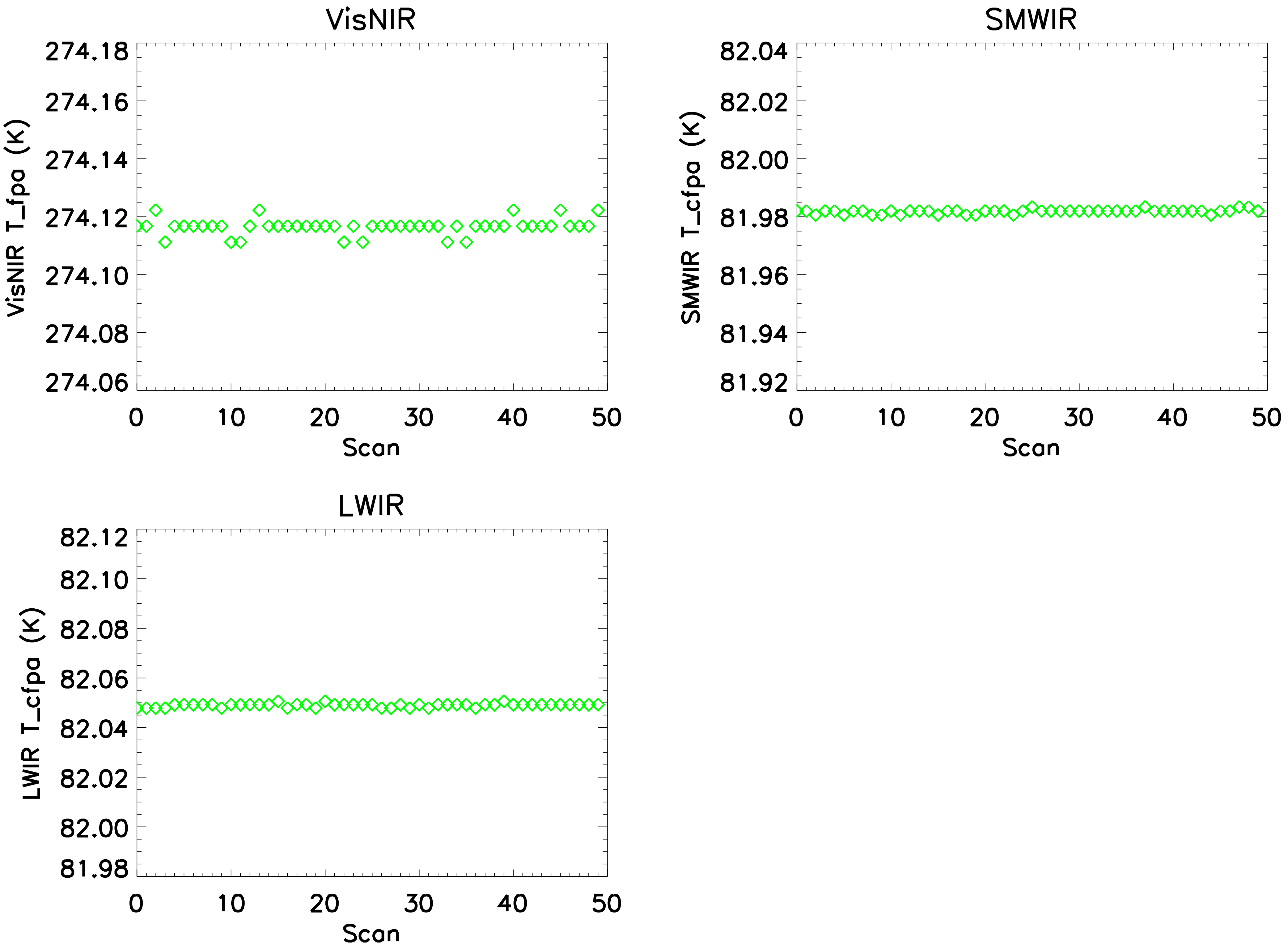


VisNIR

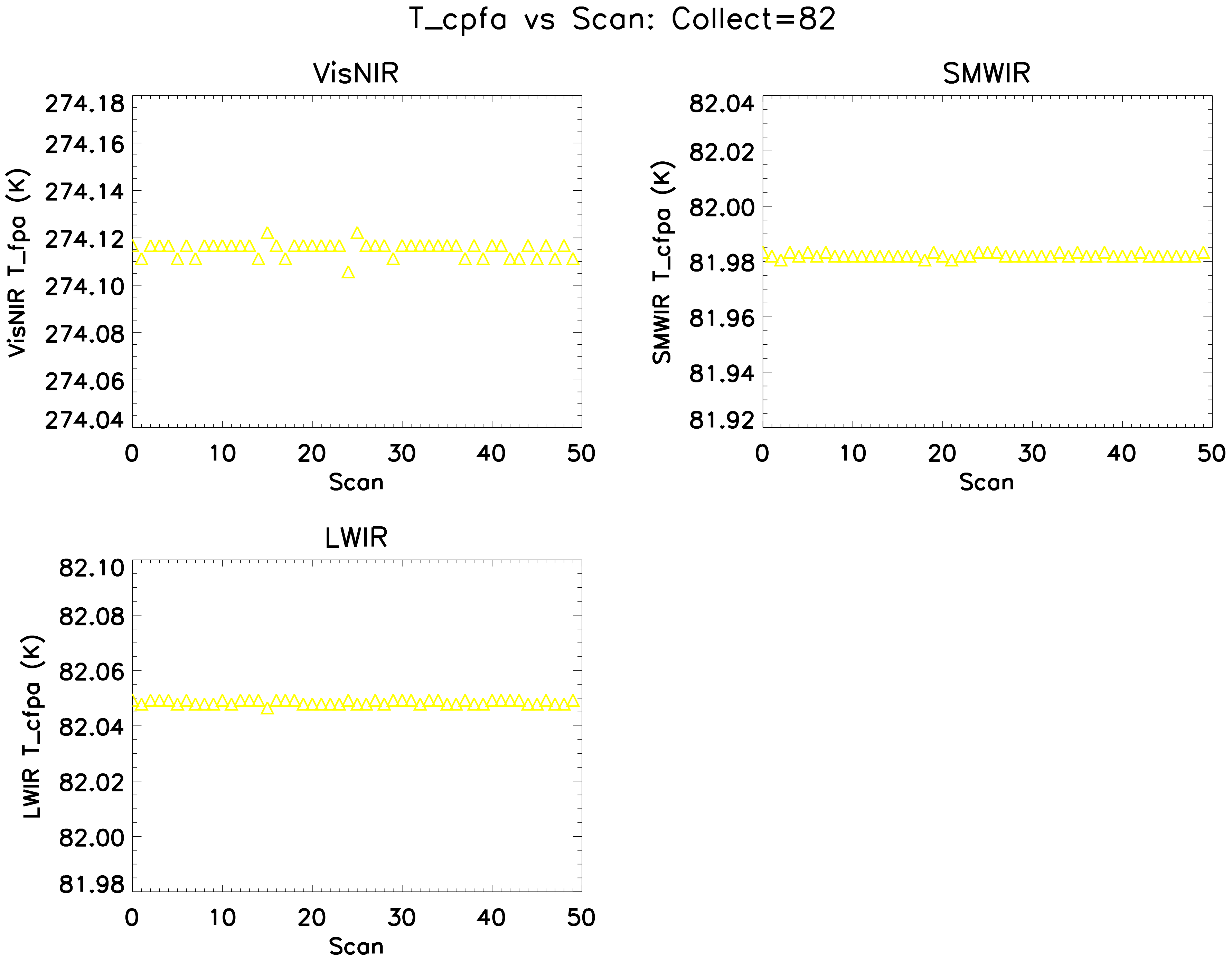
SMWIR

LWIR

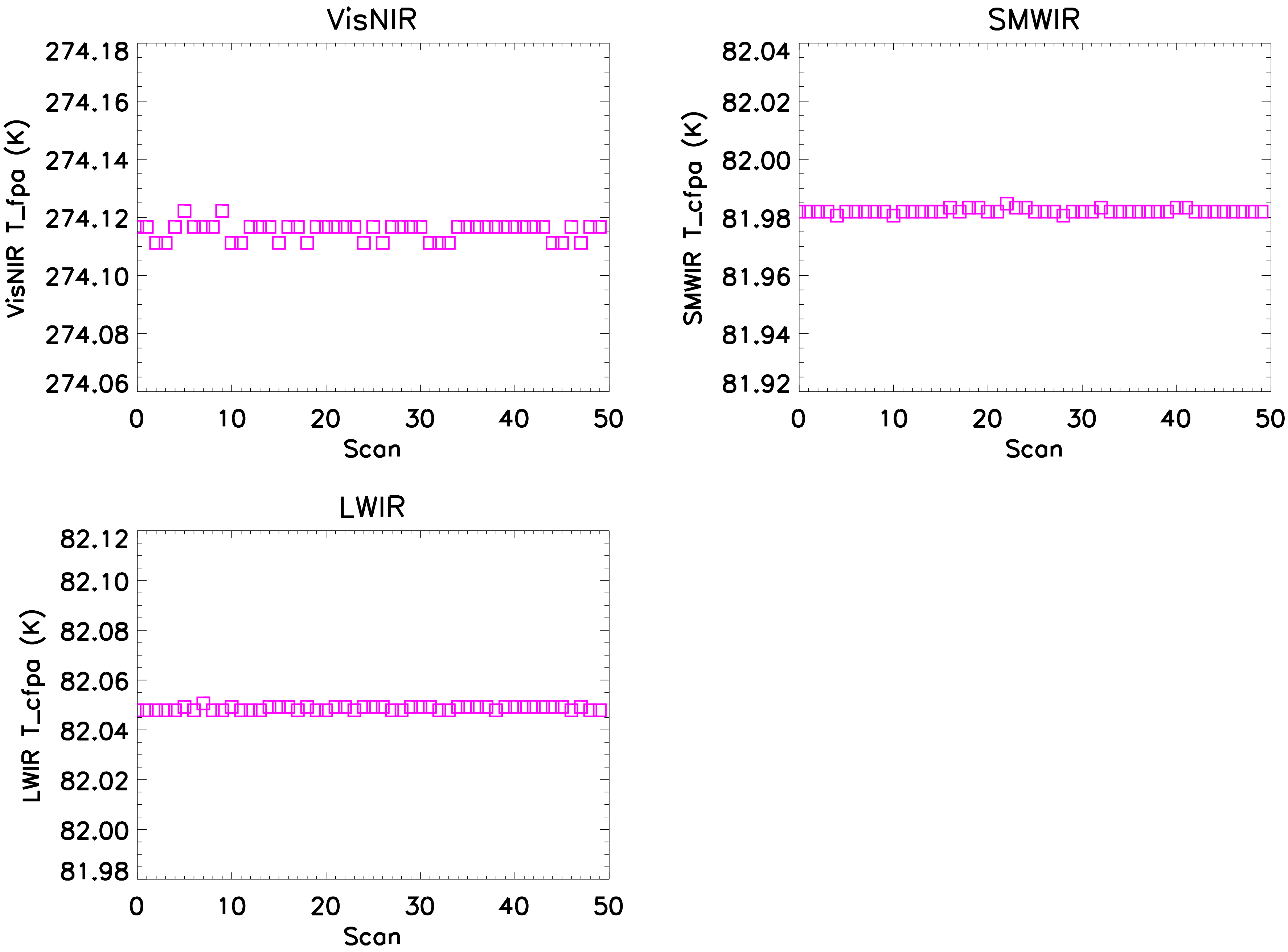

T_cpfa vs Scan: Collect=80



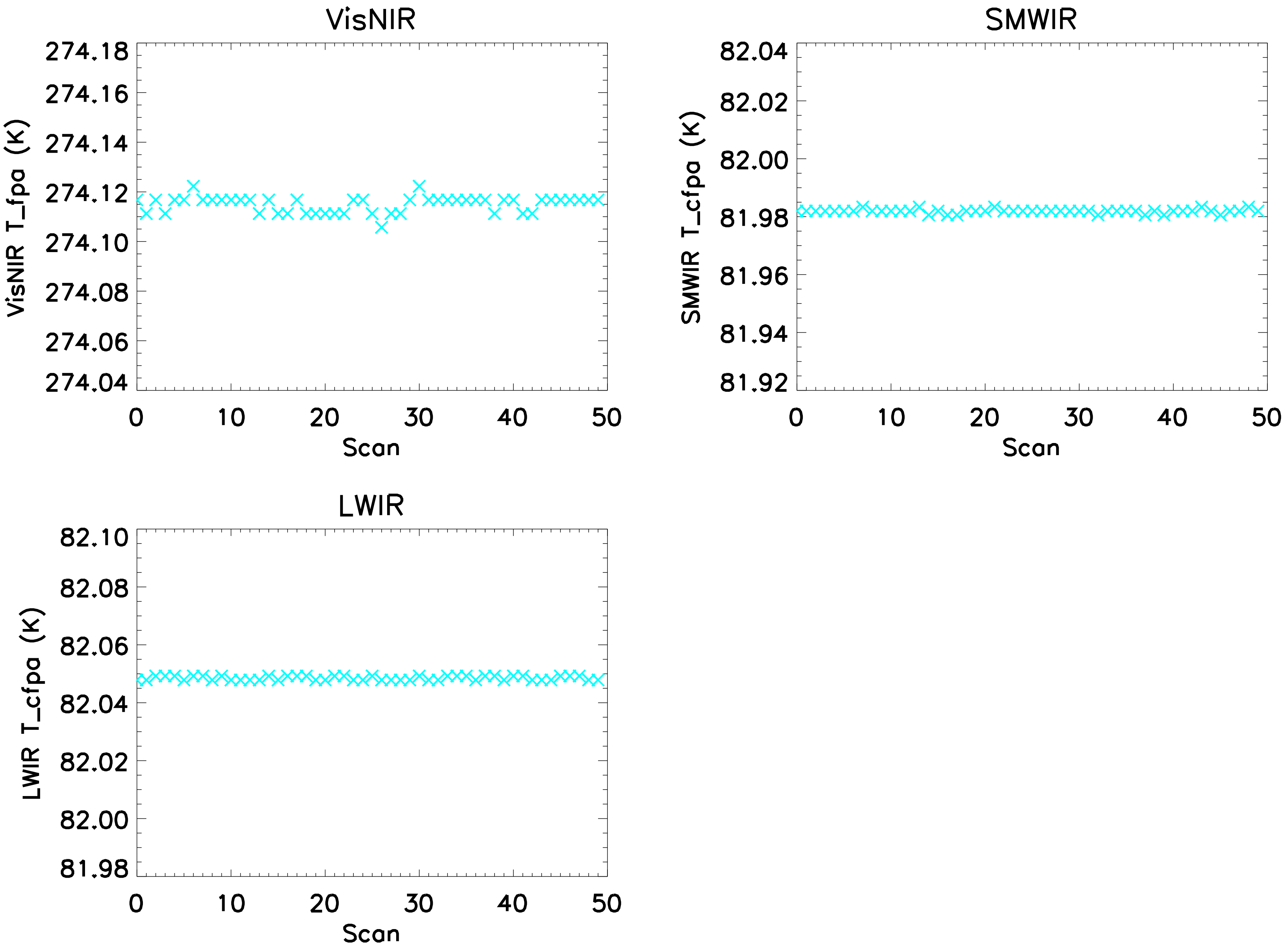
T_cpfa vs Scan: Collect=81


T_cpfa vs Scan: Collect=82
VisNIR
VisNIR T_fpa (K)
274.18
274.16
274.14
274.12
274.10
274.08
274.06
274.04
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

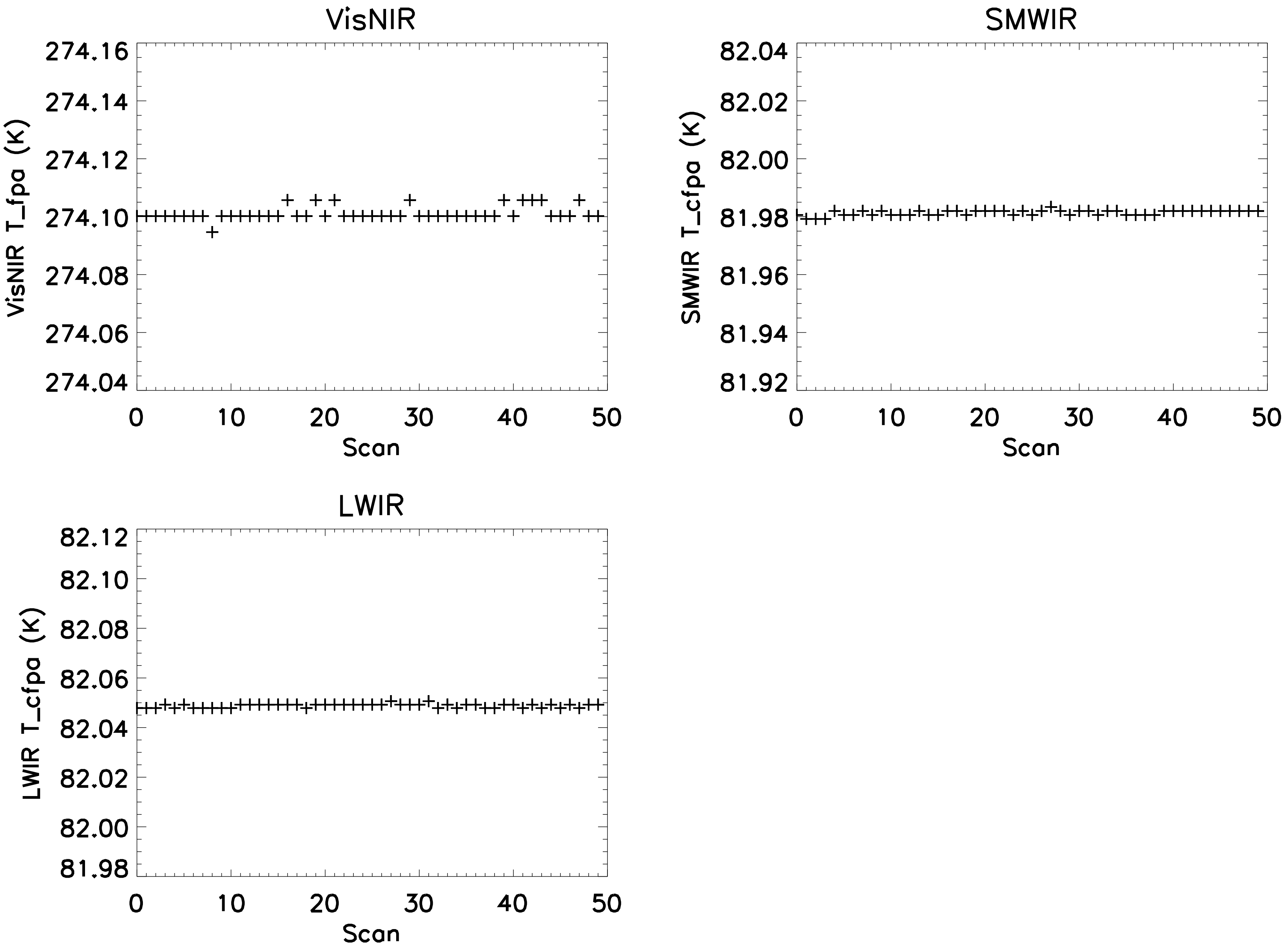
T_cpfa vs Scan: Collect=83

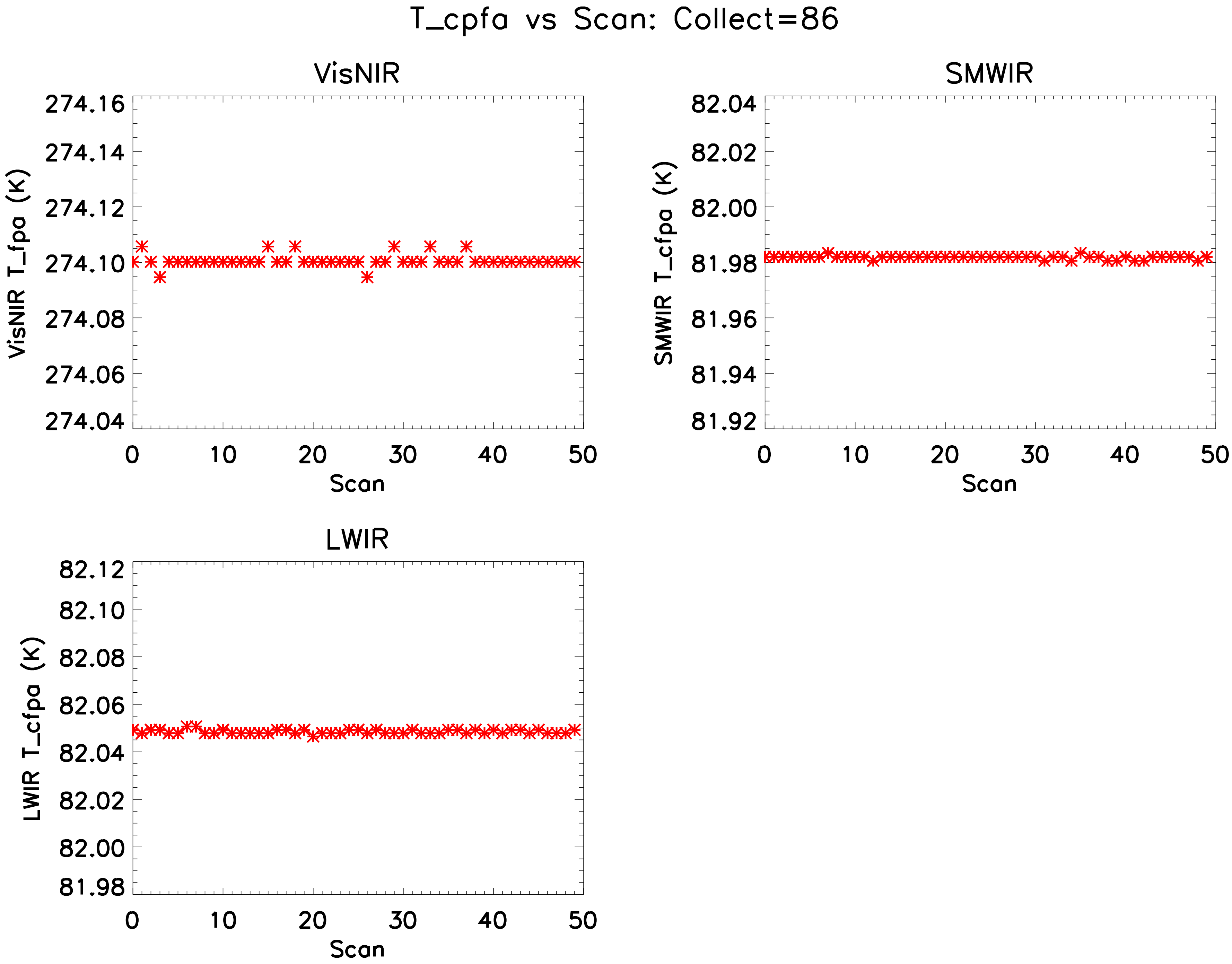


T_cpfa vs Scan: Collect=84

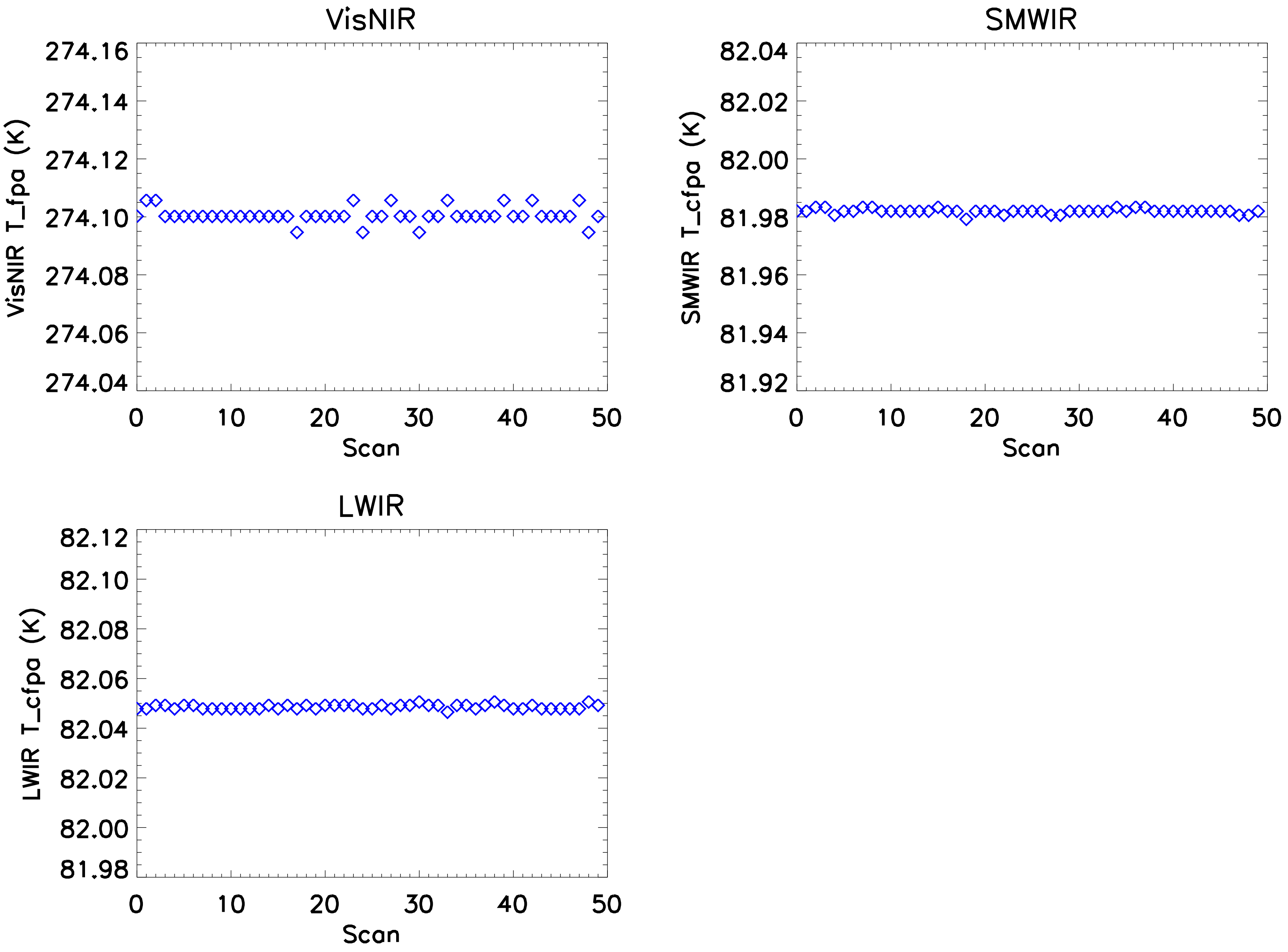


T_cpfa vs Scan: Collect=85

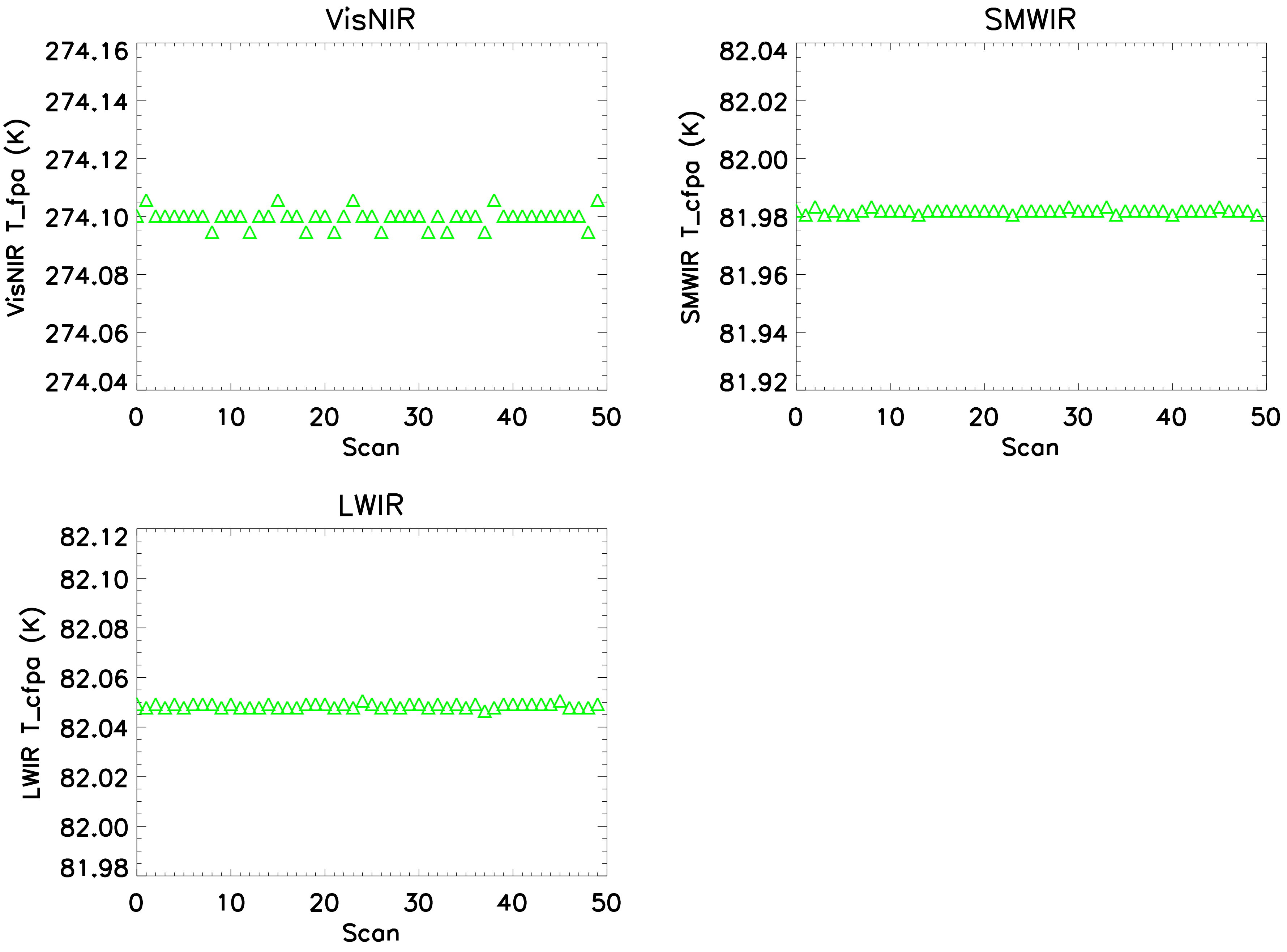


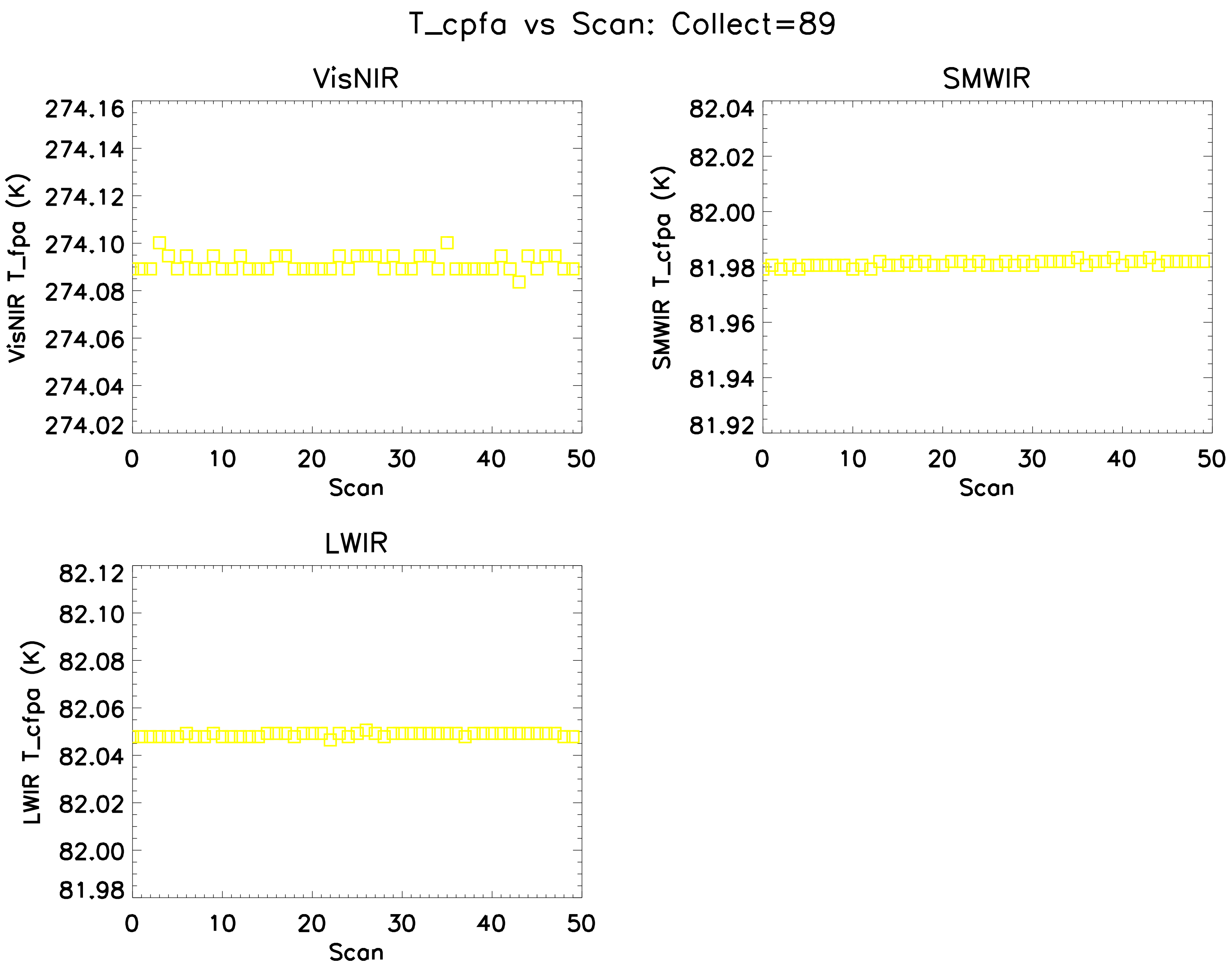

T_cpfa vs Scan: Collect=86
VisNIR
VisNIR T_fpa (K)
274.16
274.14
274.12
274.10
274.08
274.06
274.04
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=87



T_cpfa vs Scan: Collect=88

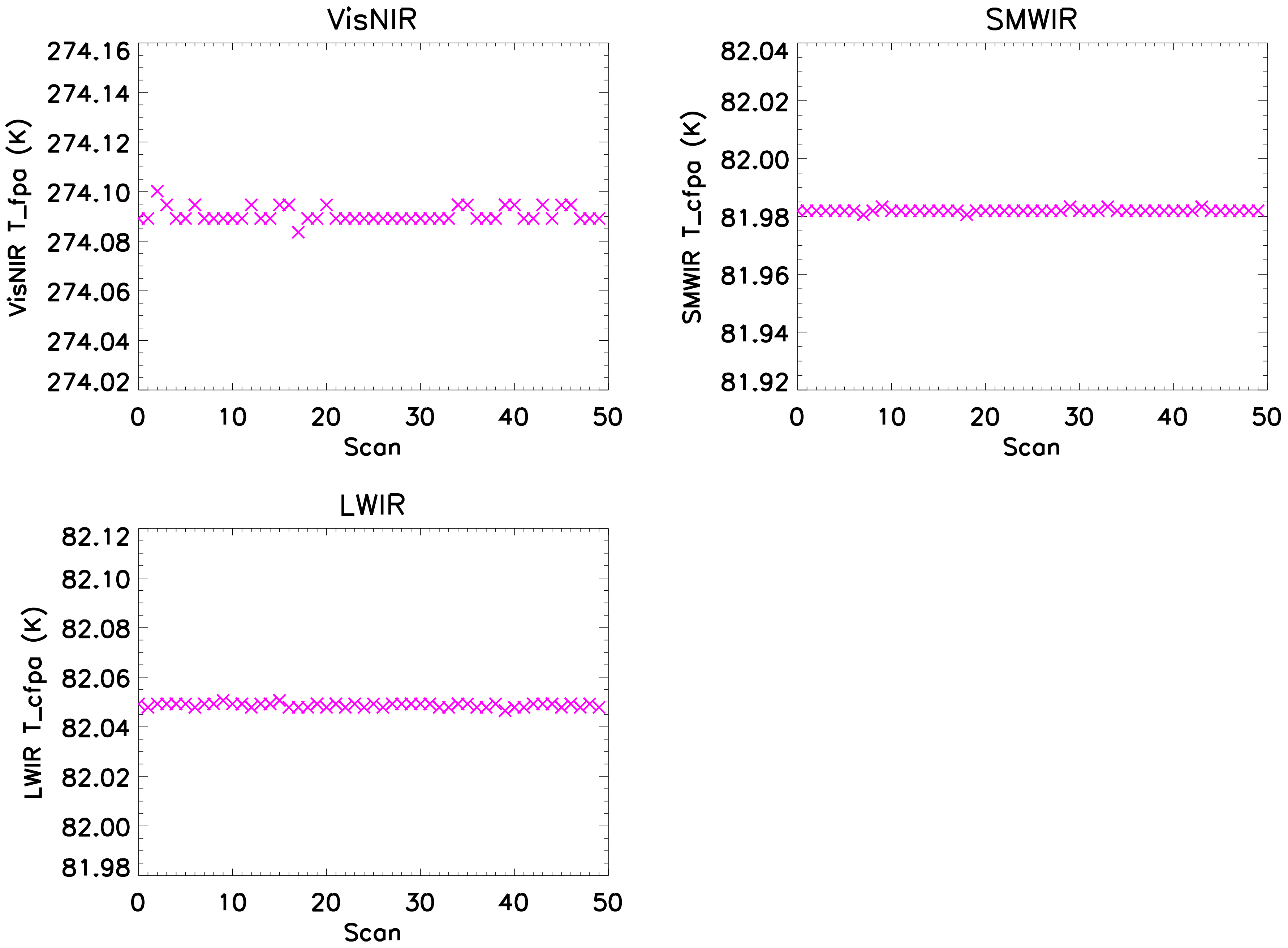



T_cpfa vs Scan: Collect=89

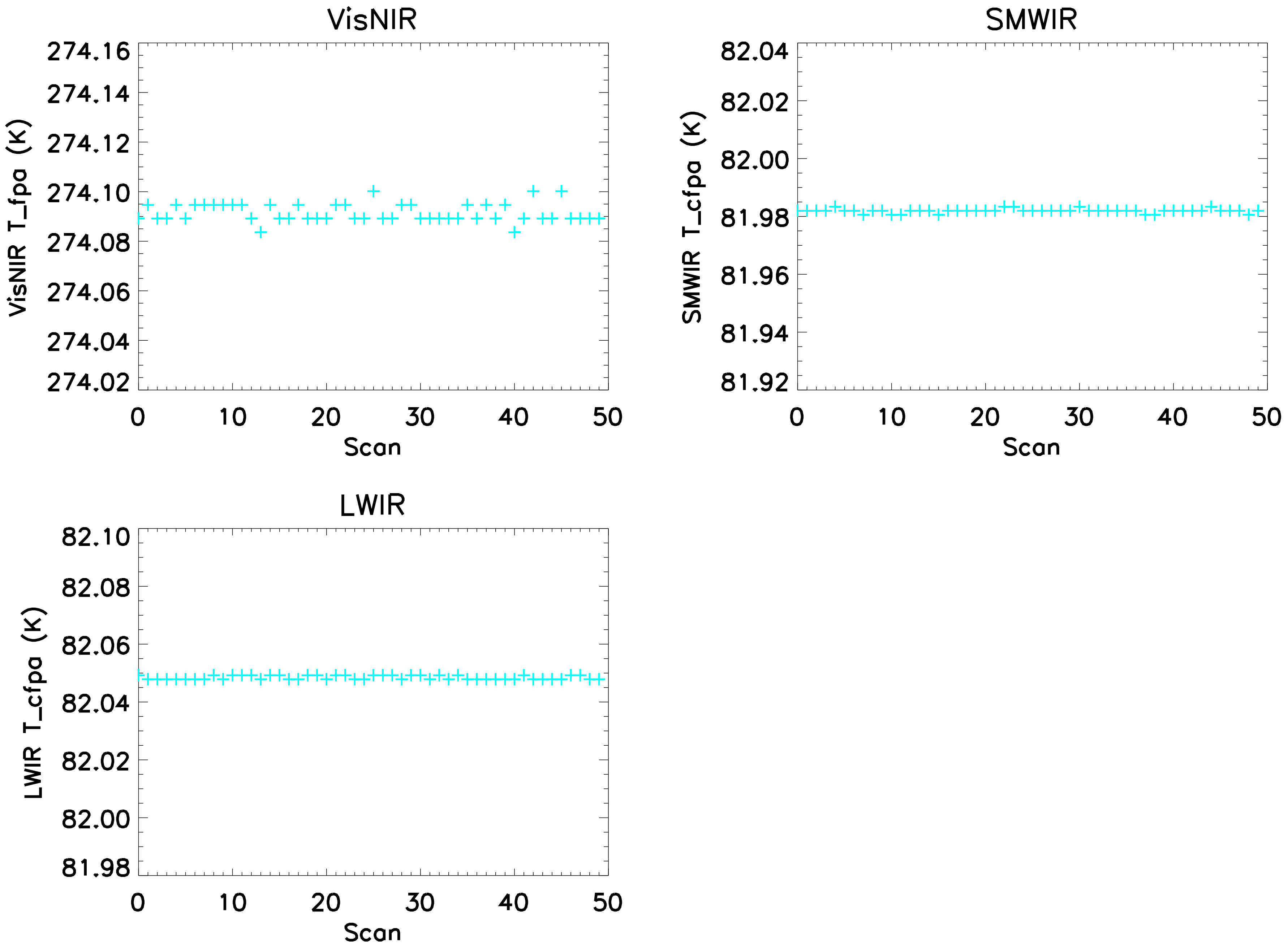
VisNIR

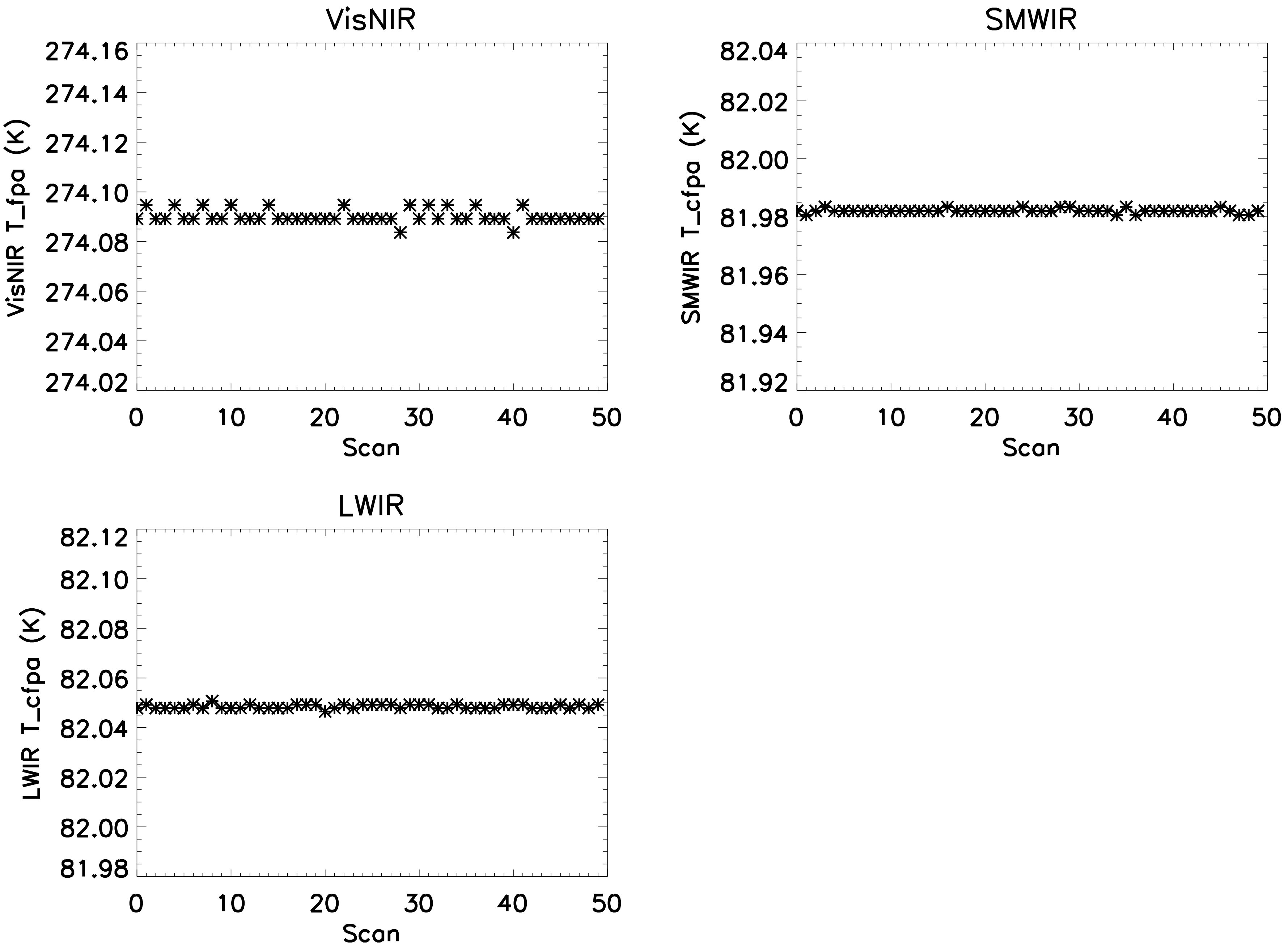
SMWIR

LWIR

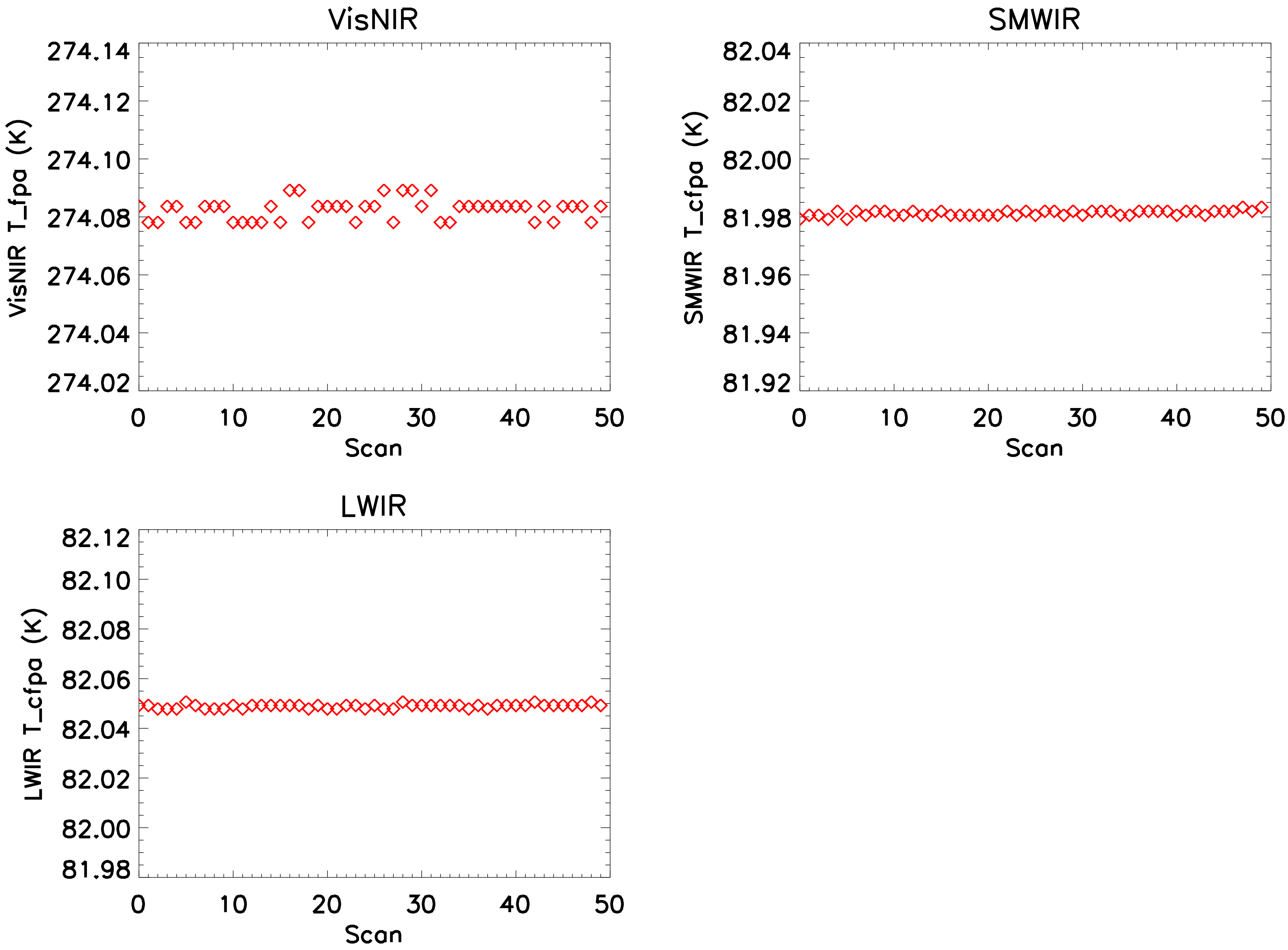

T_cpfa vs Scan: Collect=90

T_cpfa vs Scan: Collect=91

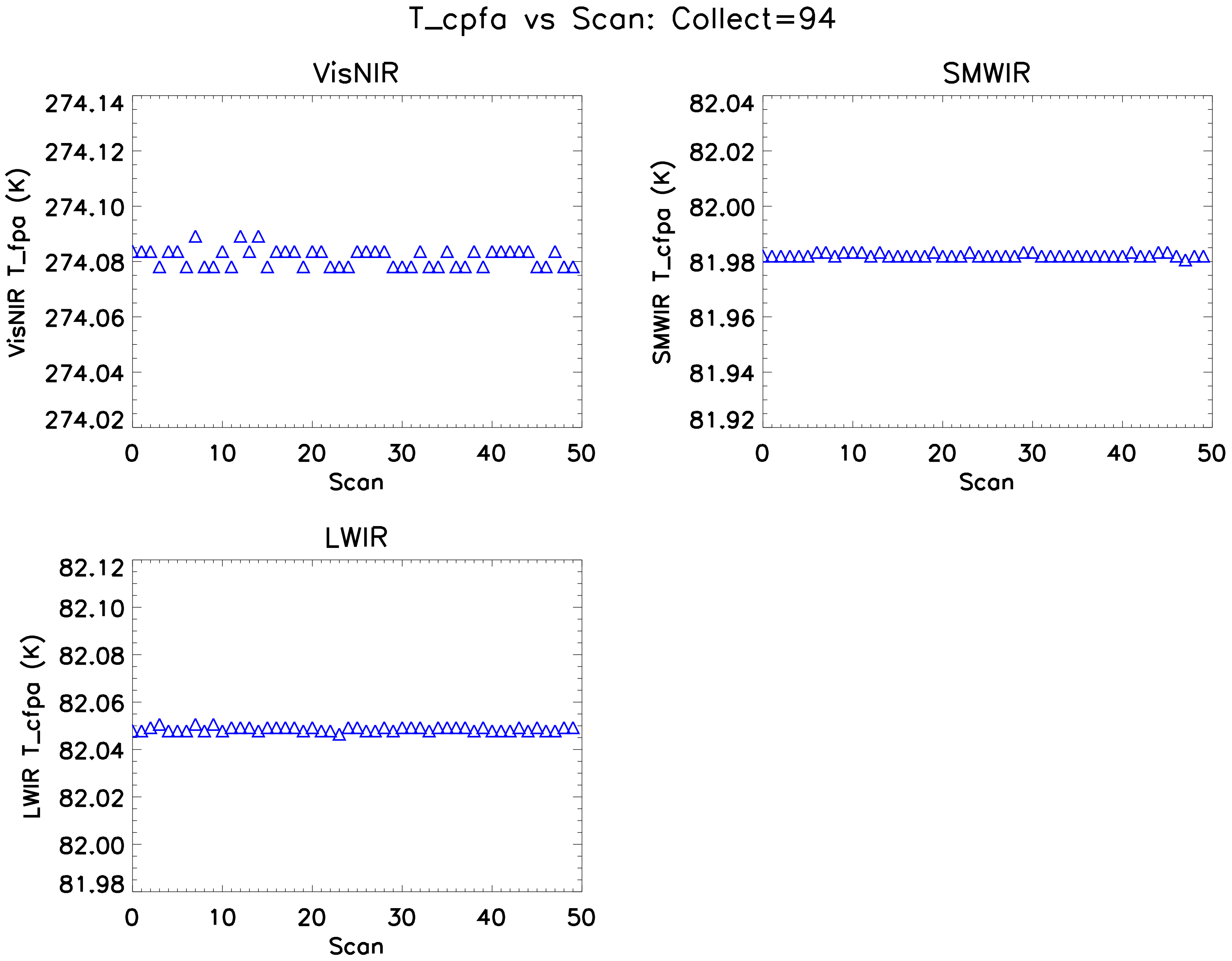




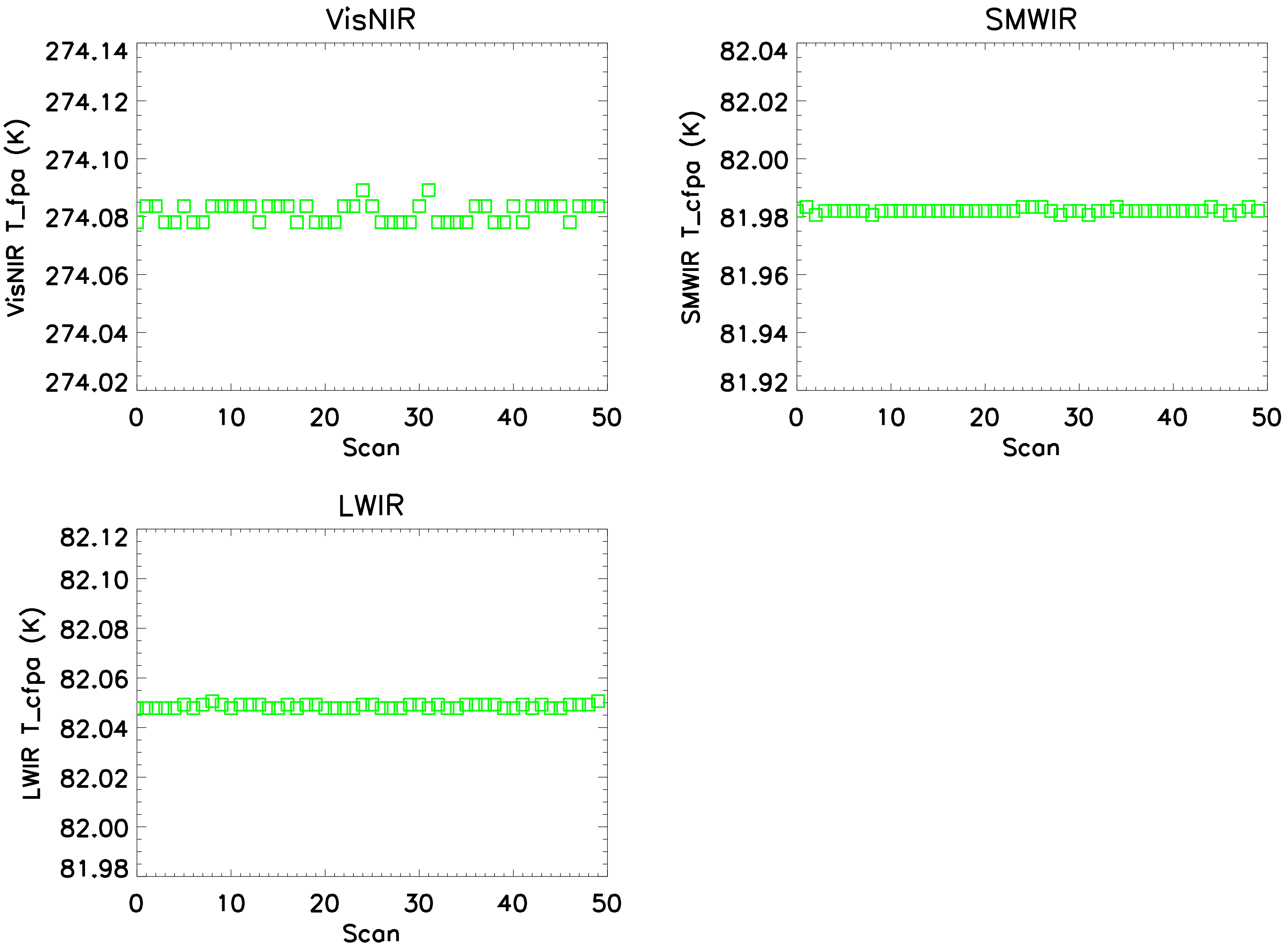
T_cpfa vs Scan: Collect=92



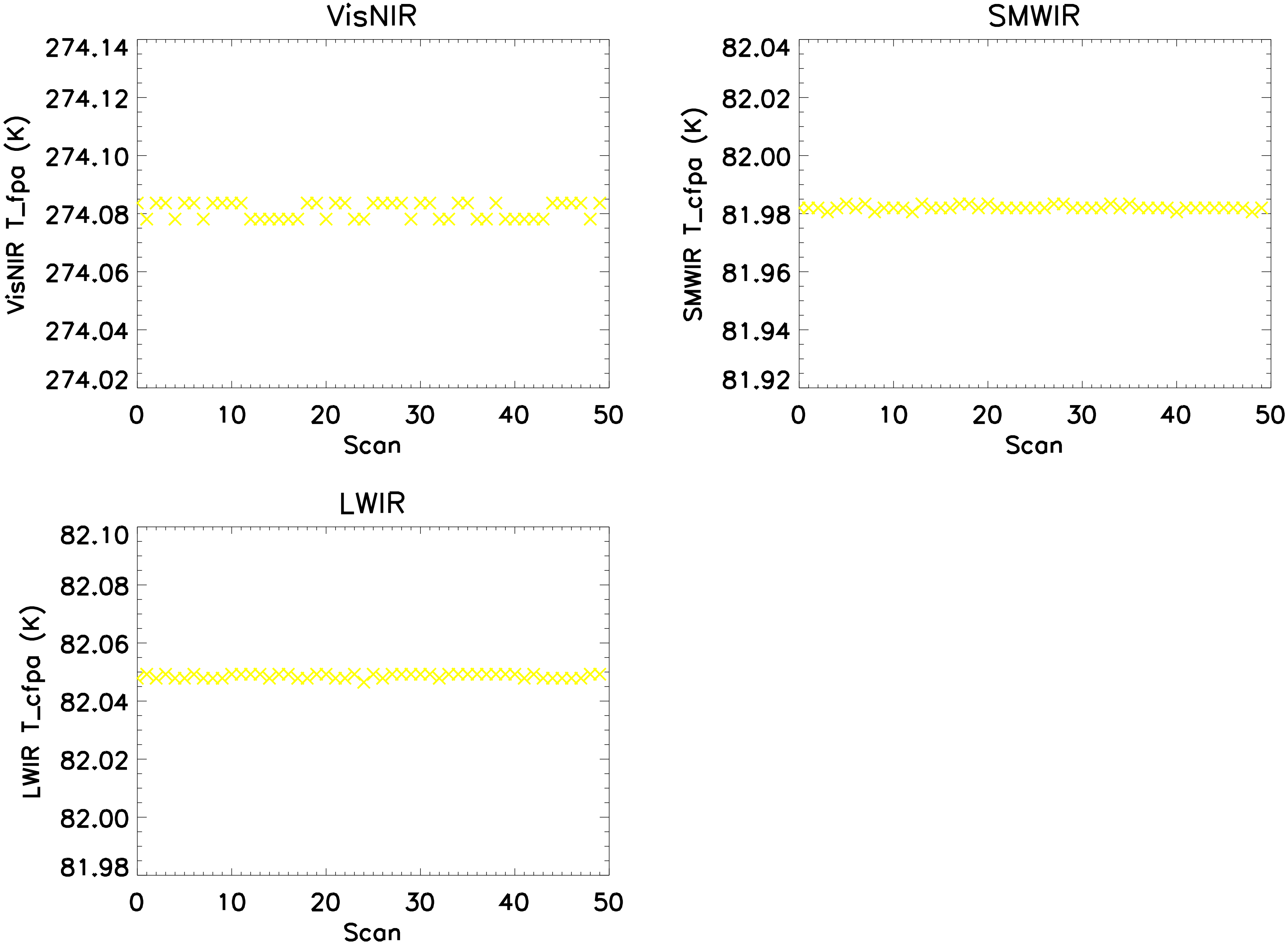
T_cpfa vs Scan: Collect=93

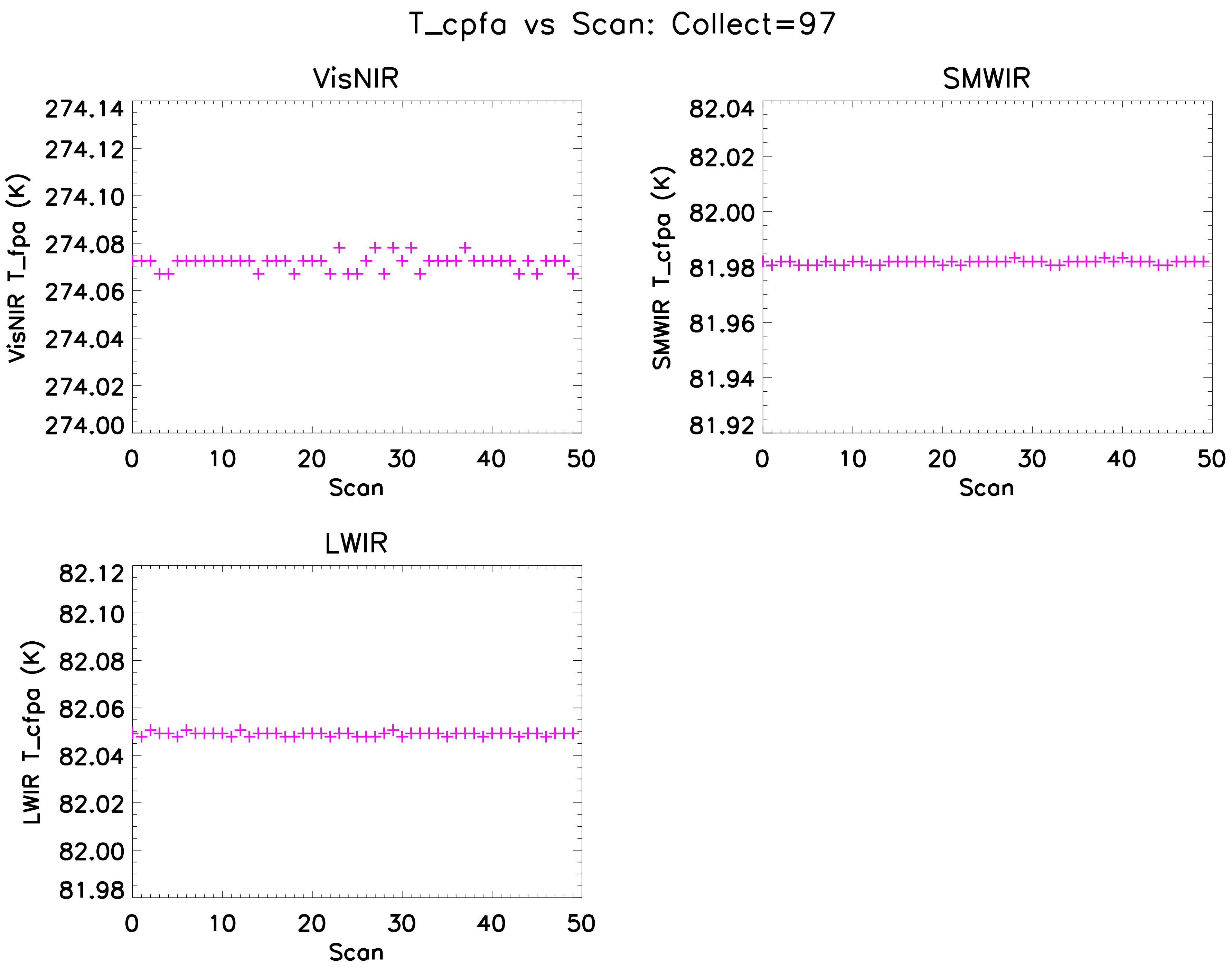

T_cpfa vs Scan: Collect=94
VisNIR
VisNIR T_fpa (K)
274.14
274.12
274.10
274.08
274.06
274.04
274.02
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=95

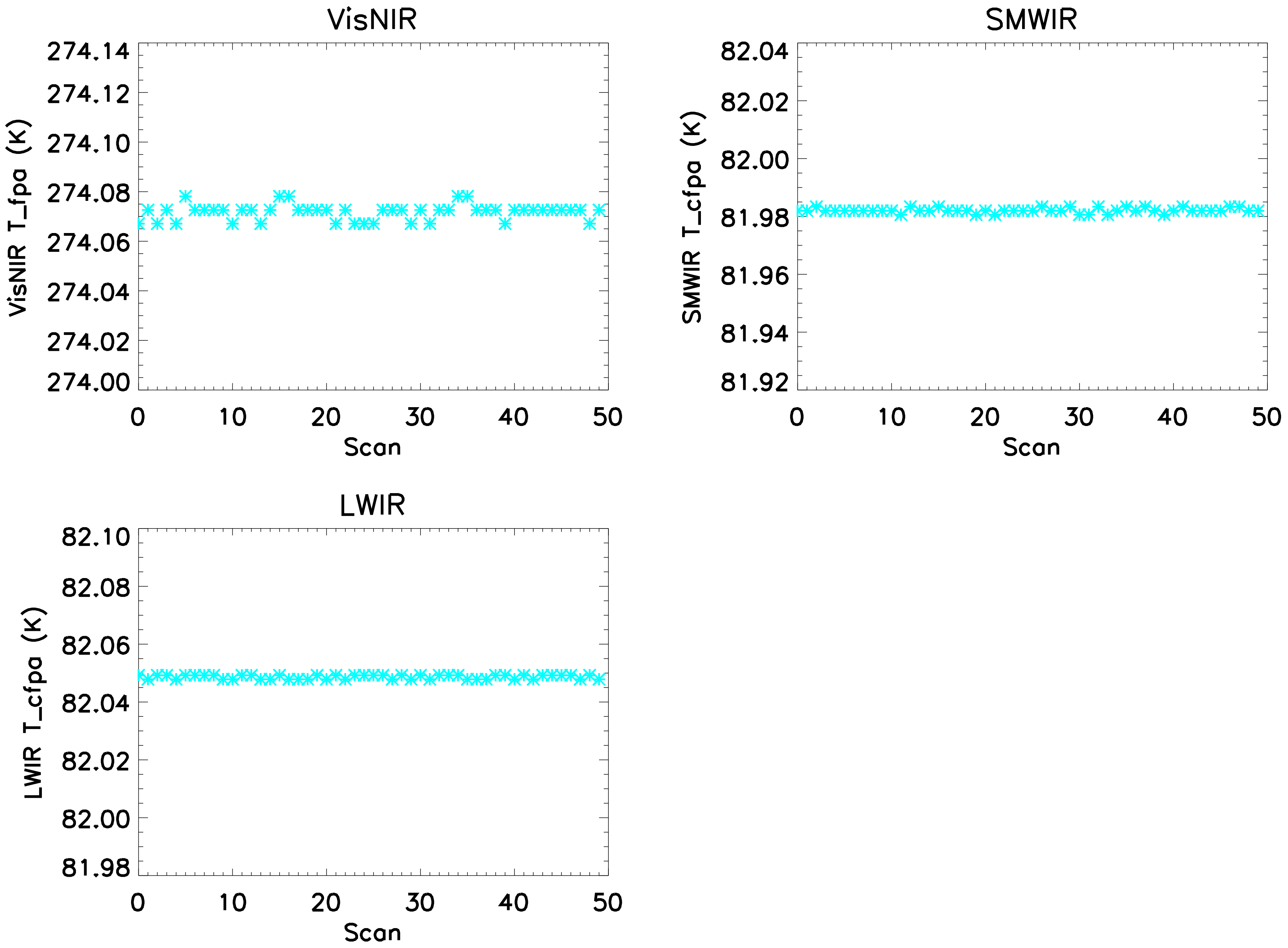


T_cpfa vs Scan: Collect=96

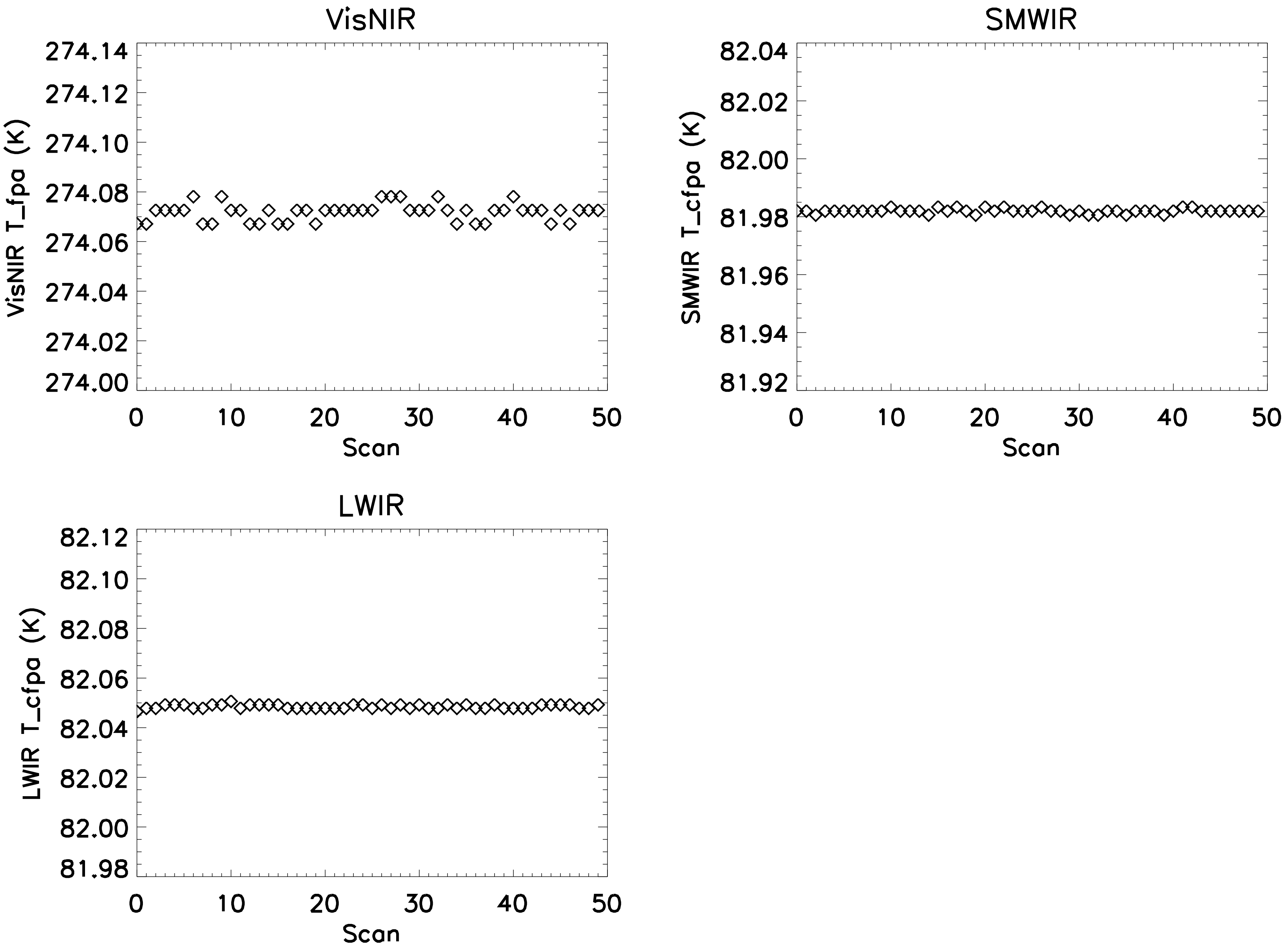



T_cpfa vs Scan: Collect=97
VisNIR
VisNIR T_fpa (K)
274.14
274.12
274.10
274.08
274.06
274.04
274.02
274.00
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

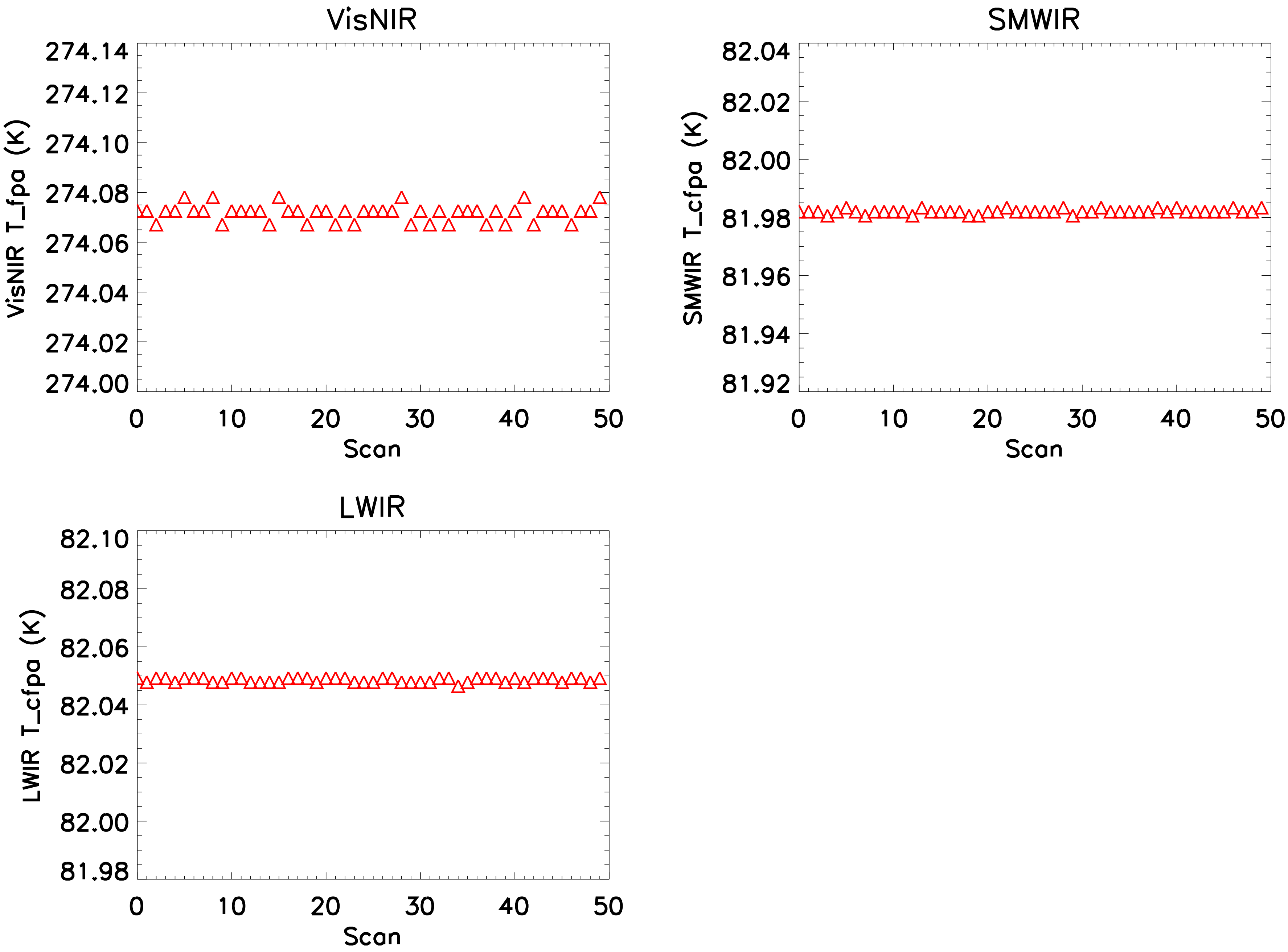
T_cpfa vs Scan: Collect=98

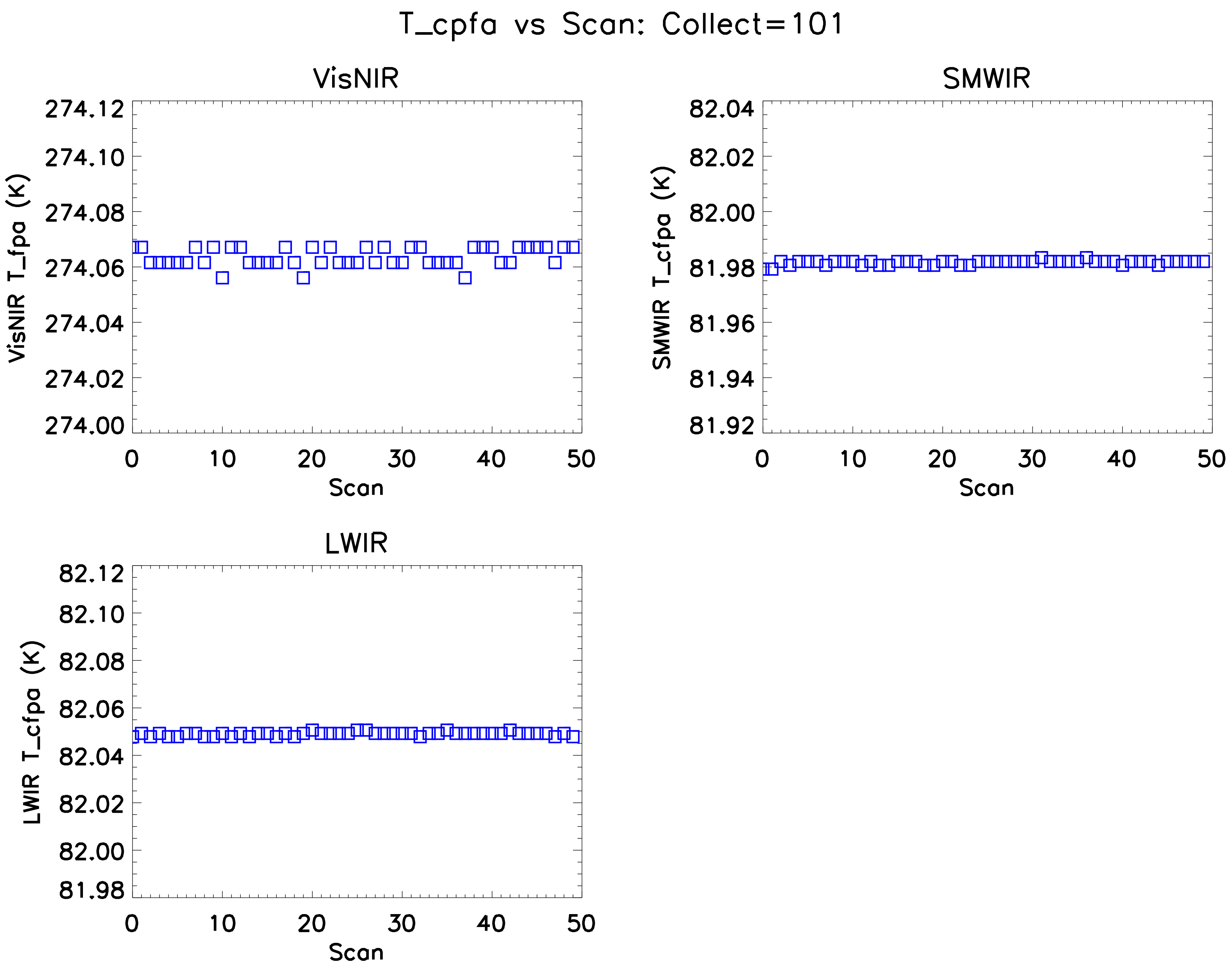


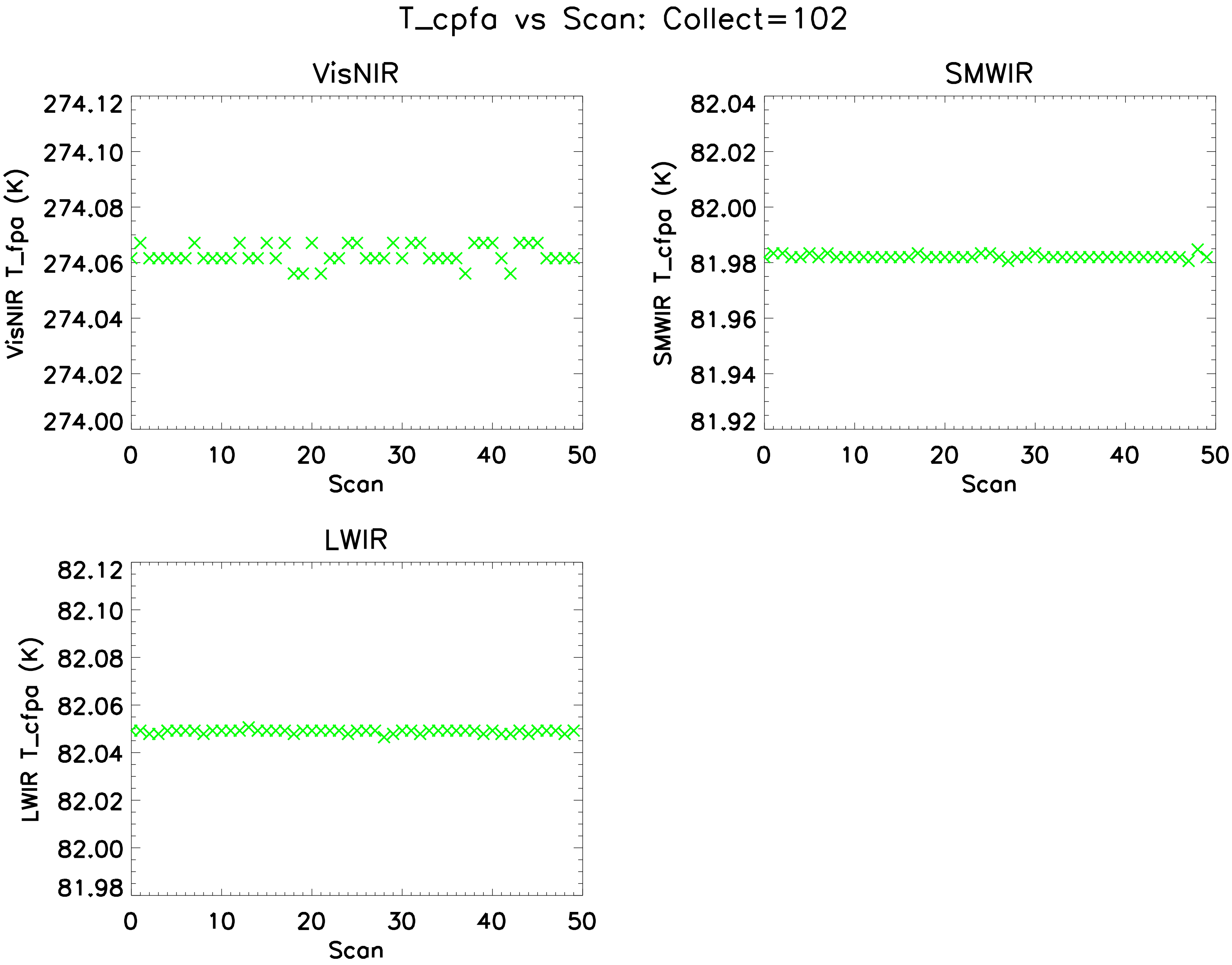
T_cpfa vs Scan: Collect=99

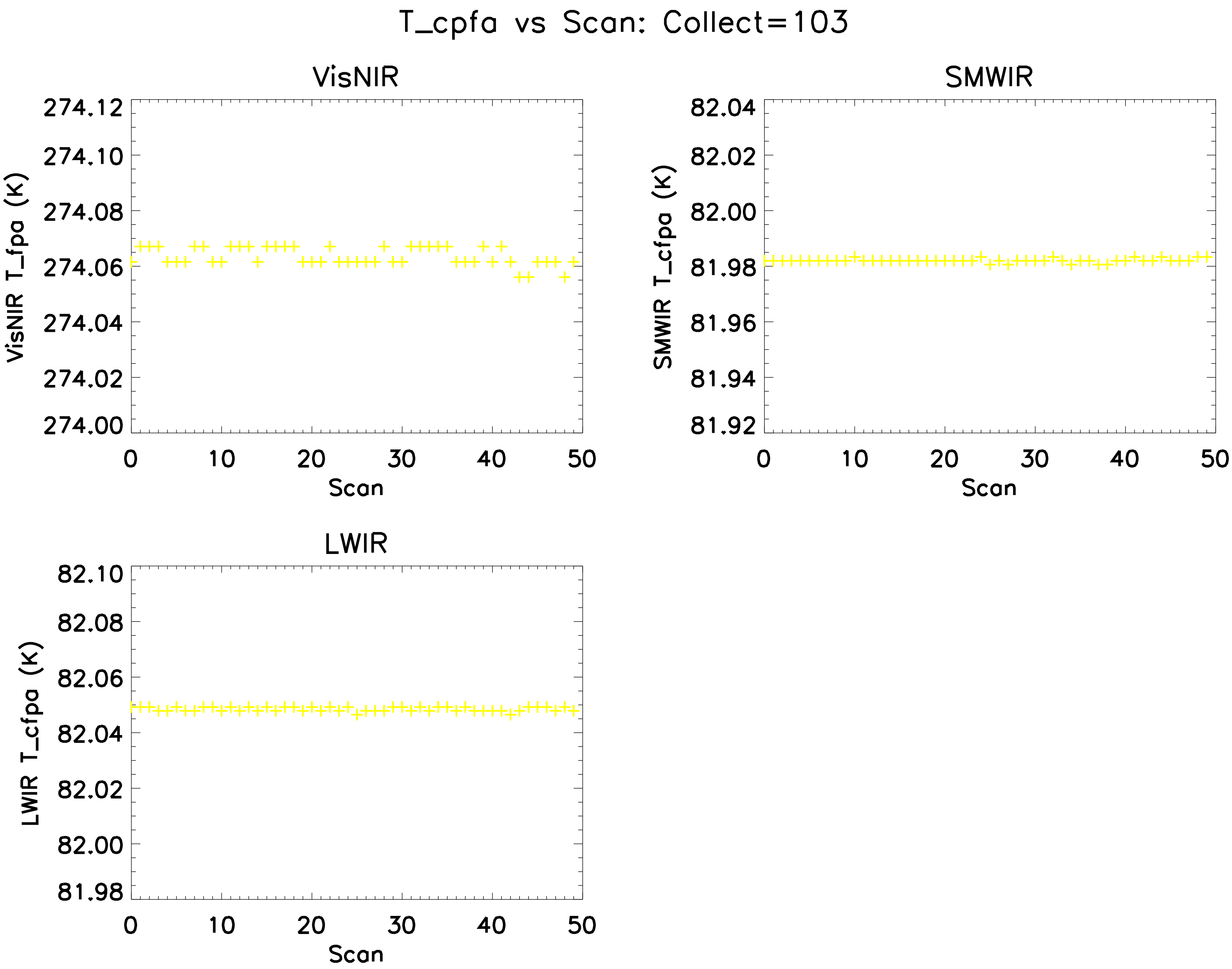


T_cpfa vs Scan: Collect=100

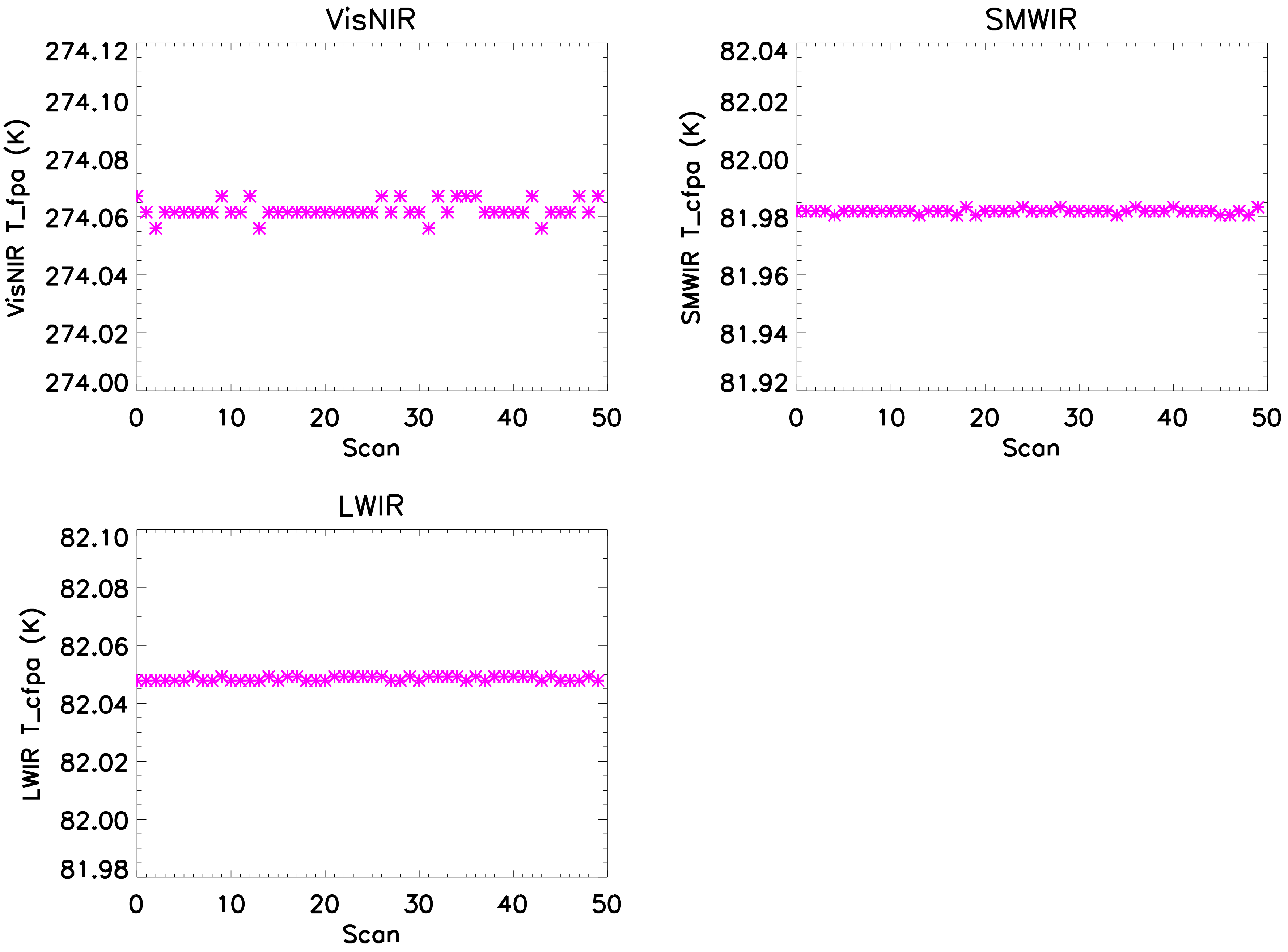


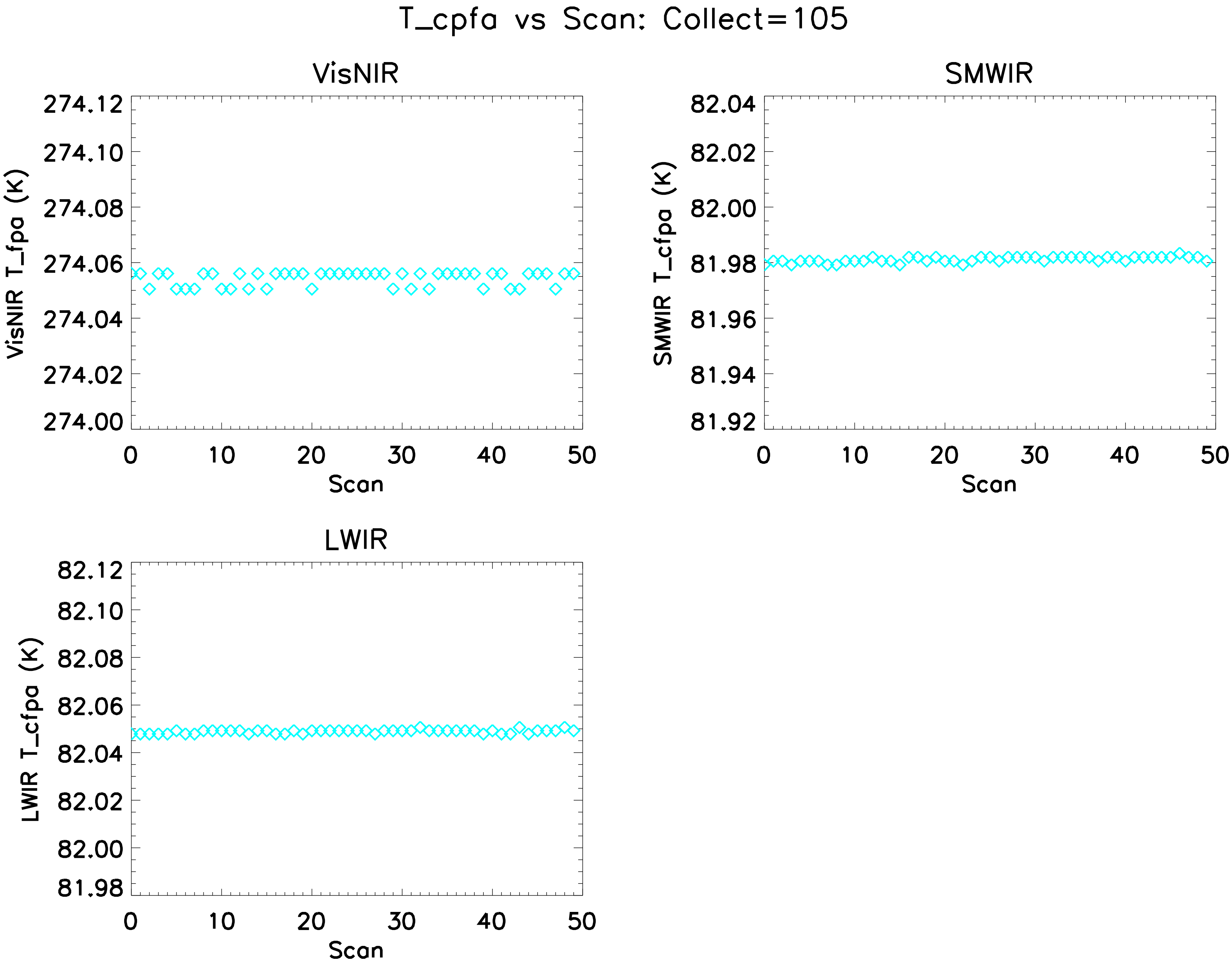

T_cpfa vs Scan: Collect=101

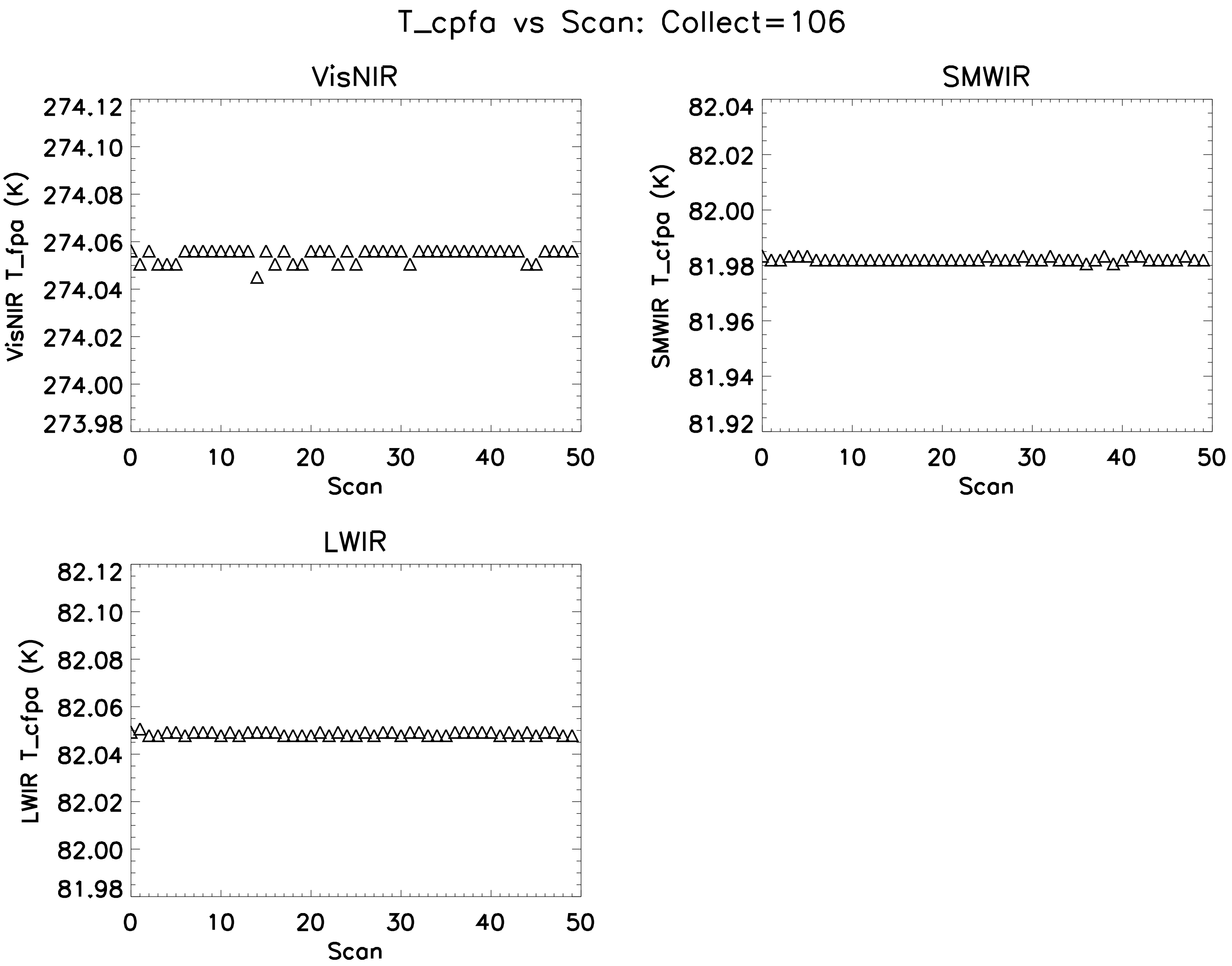

T_cpfa vs Scan: Collect=102
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

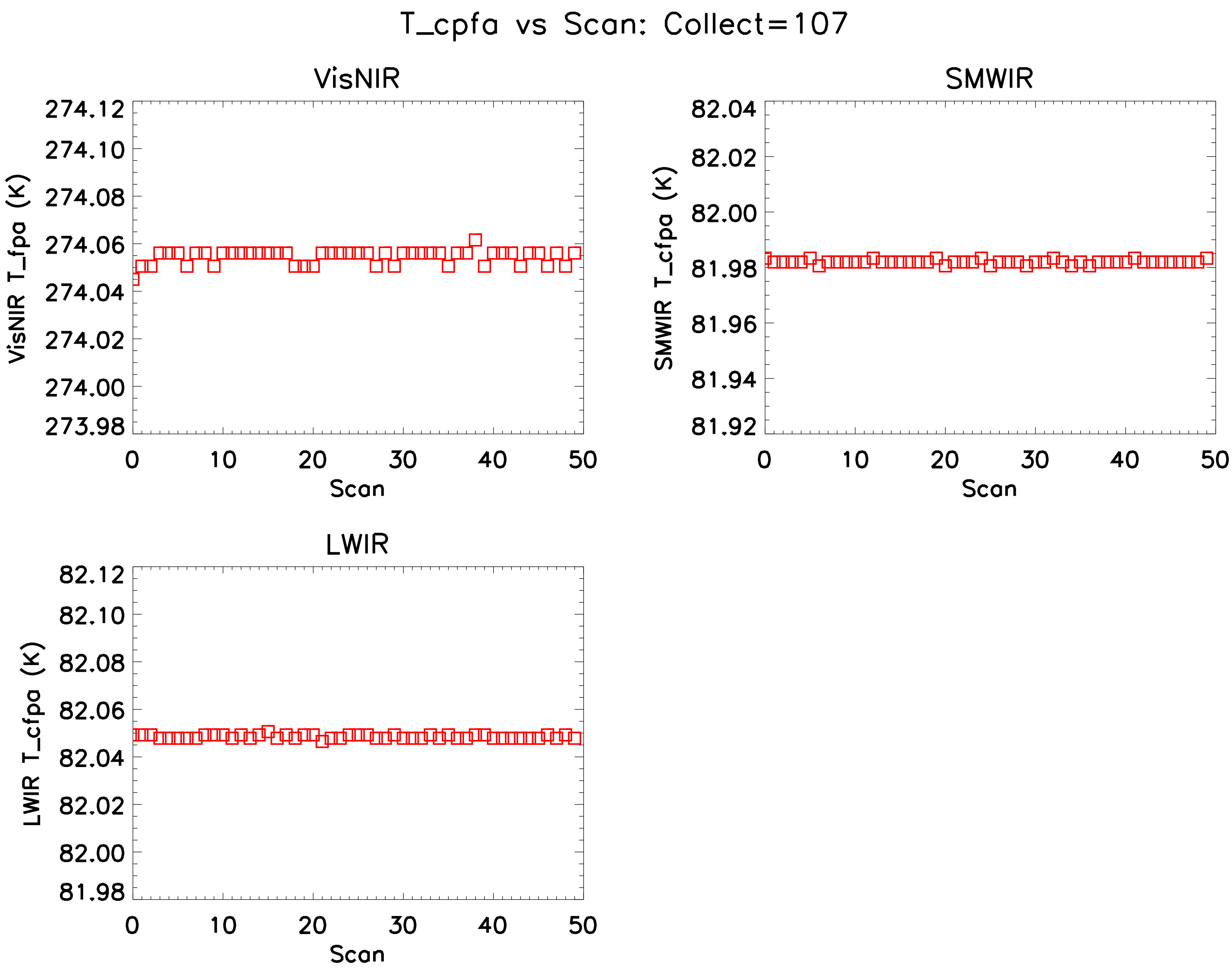

T_cpfa vs Scan: Collect=103
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

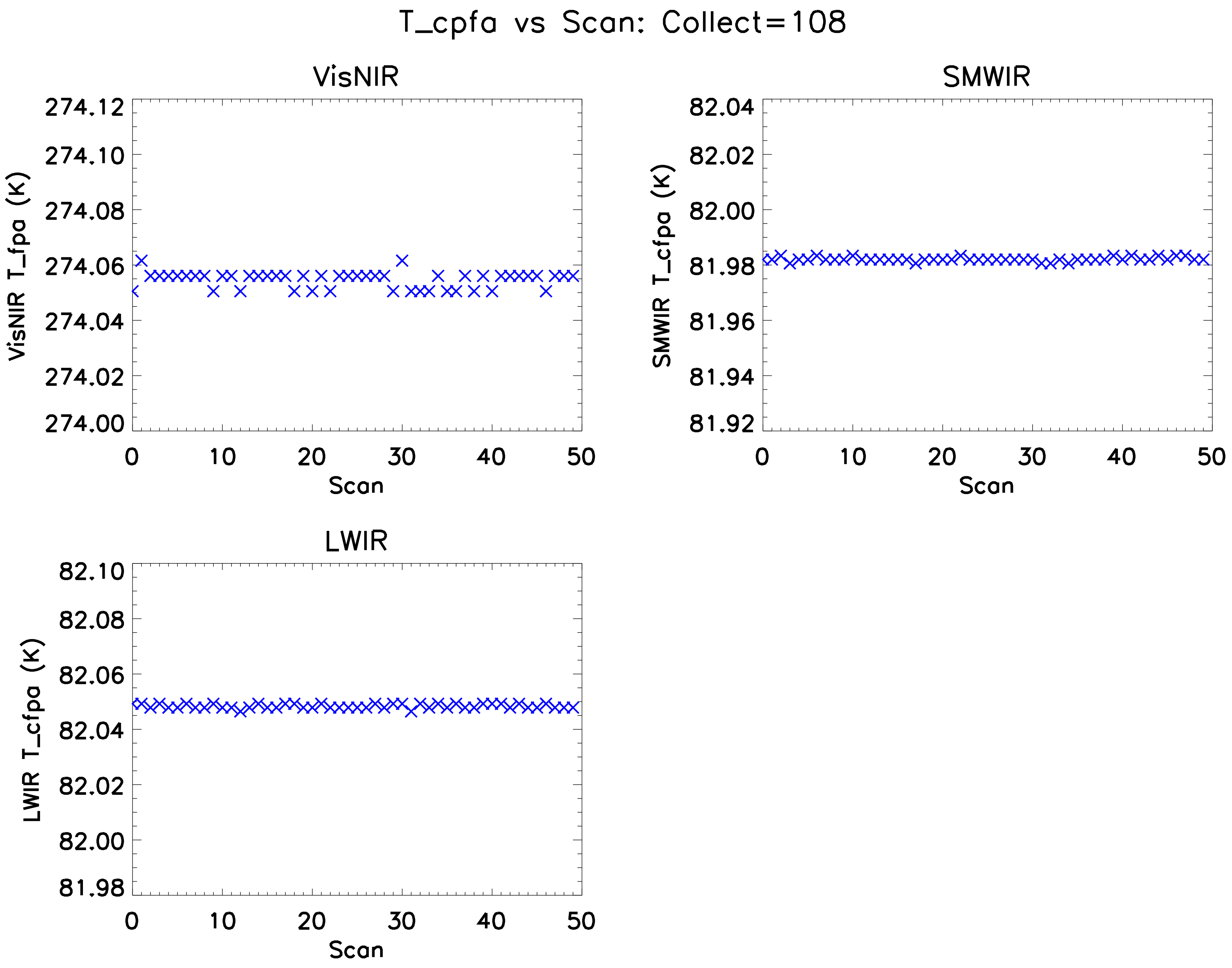
T_cpfa vs Scan: Collect=104



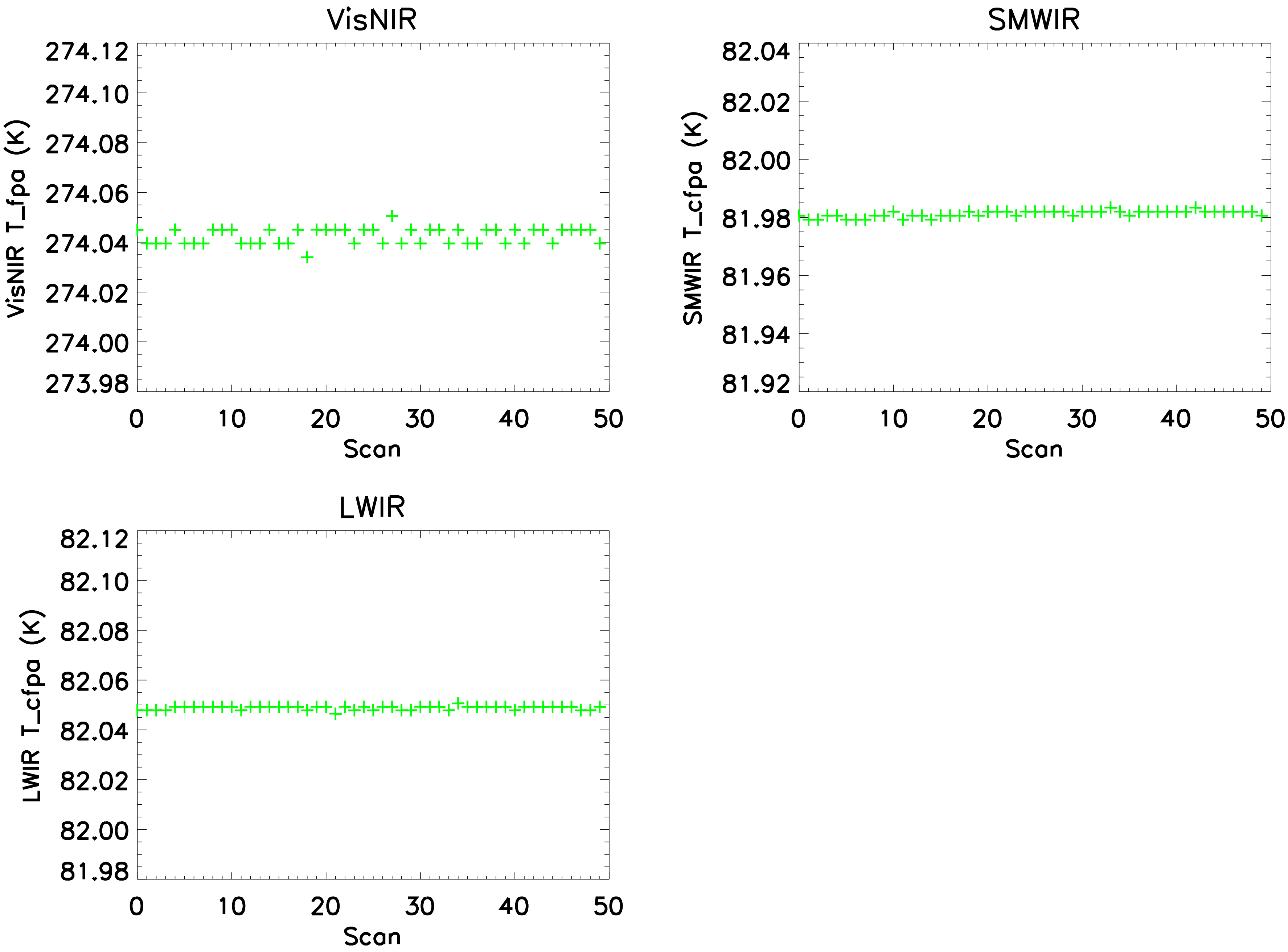

T_cpfa vs Scan: Collect=105
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=106
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
273.98
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

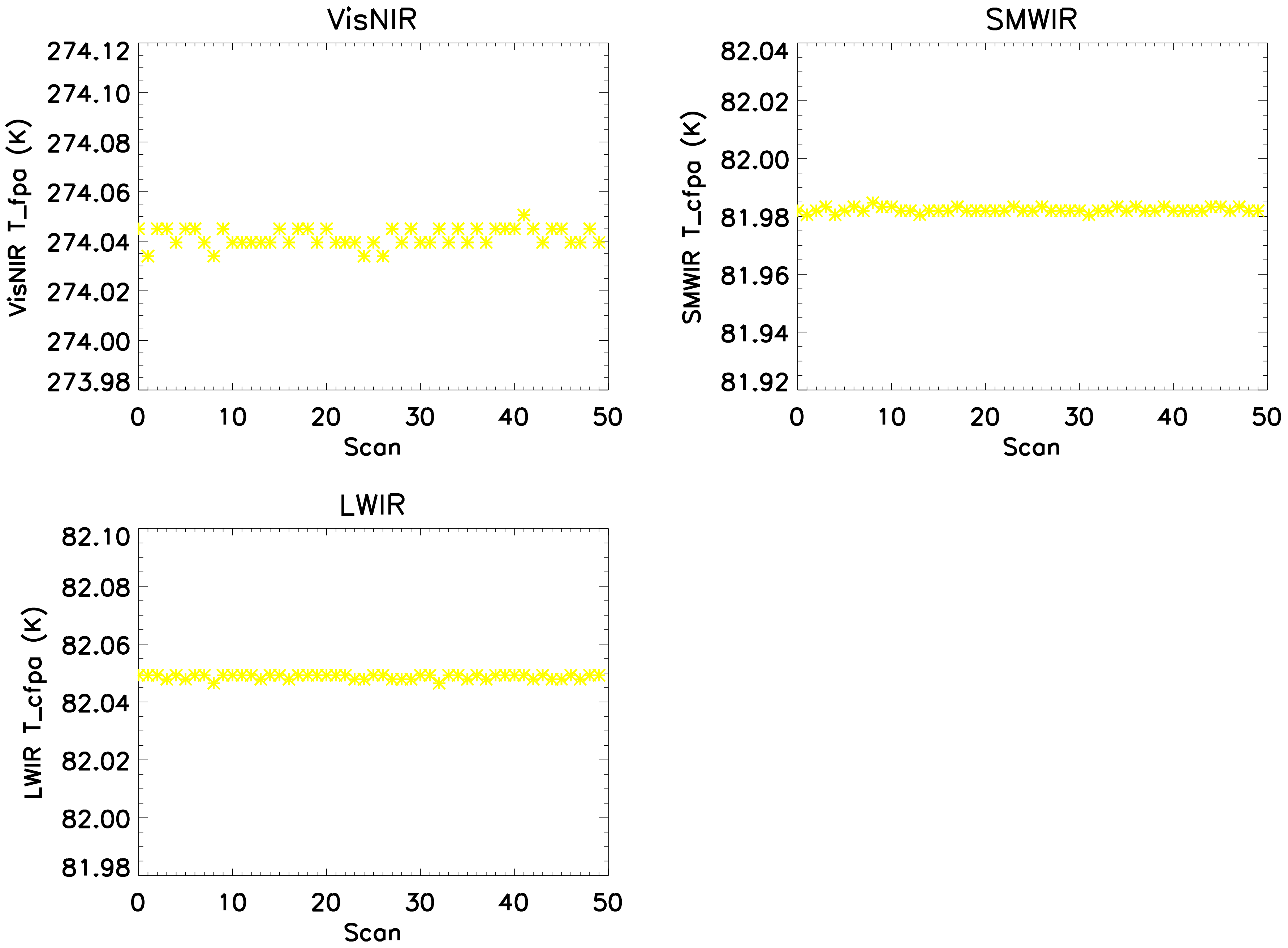

T_cpfa vs Scan: Collect=107
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
273.98
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

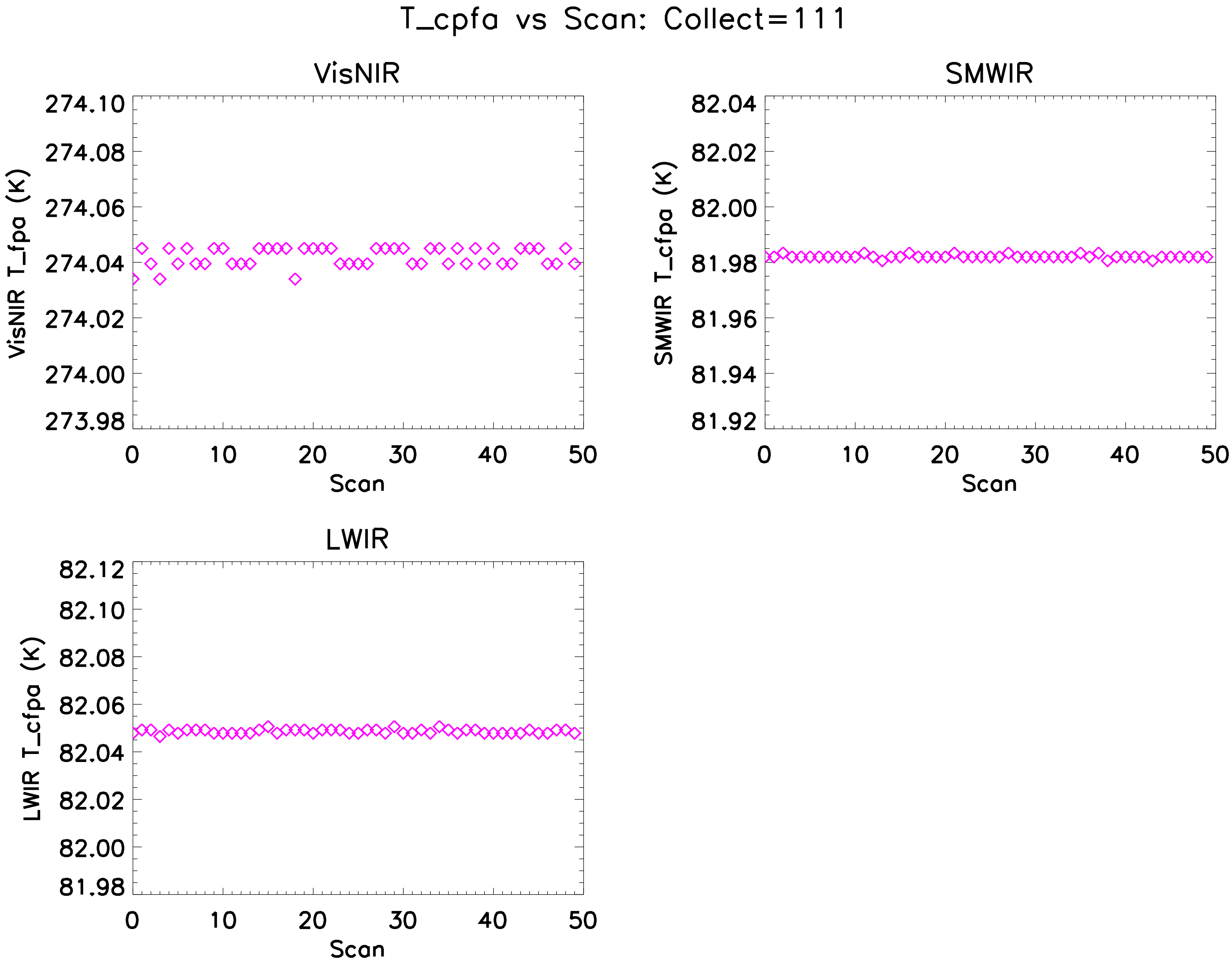

T_cpfa vs Scan: Collect=108
VisNIR
VisNIR T_fpa (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

T_cpfa vs Scan: Collect=109

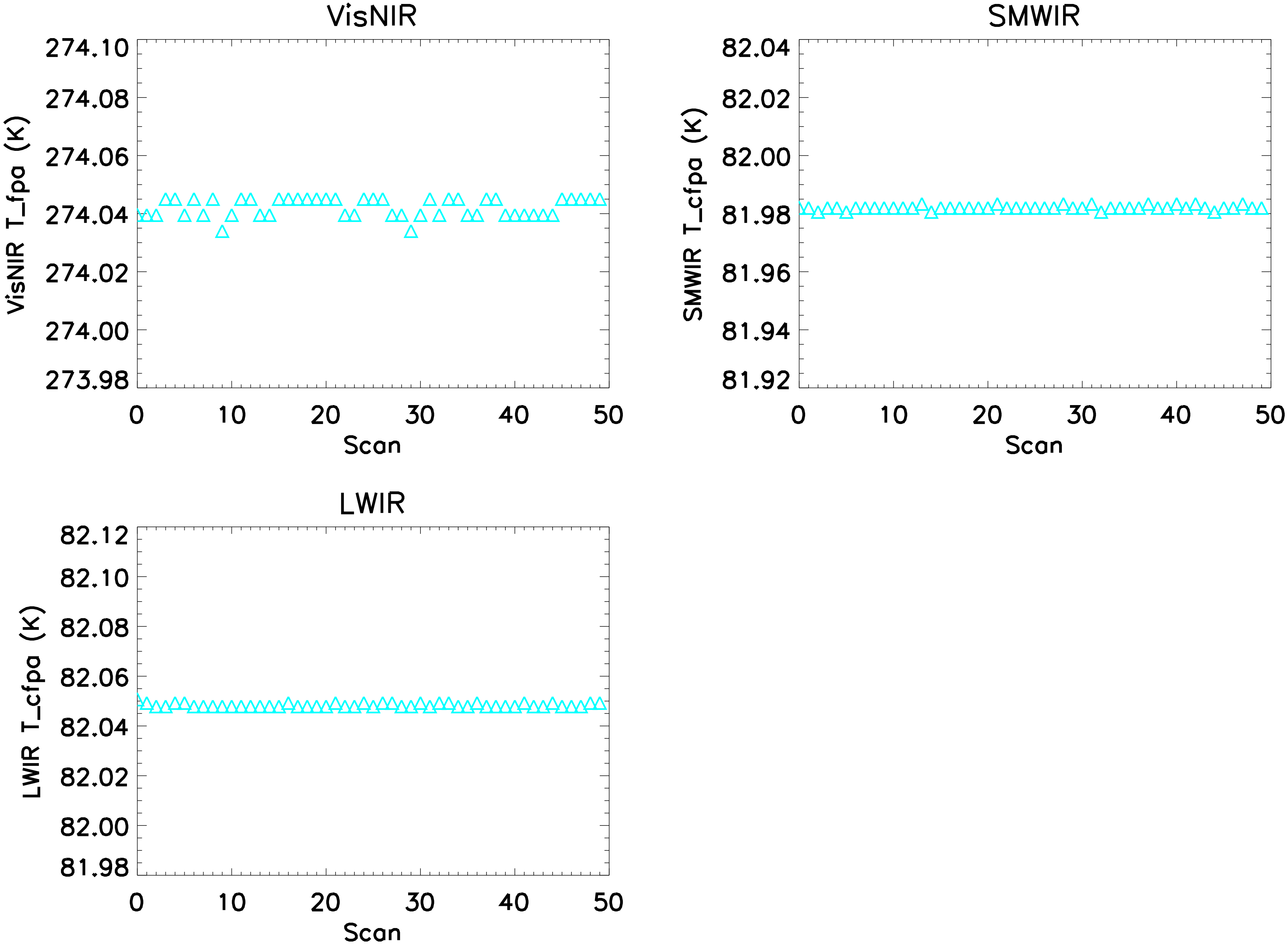


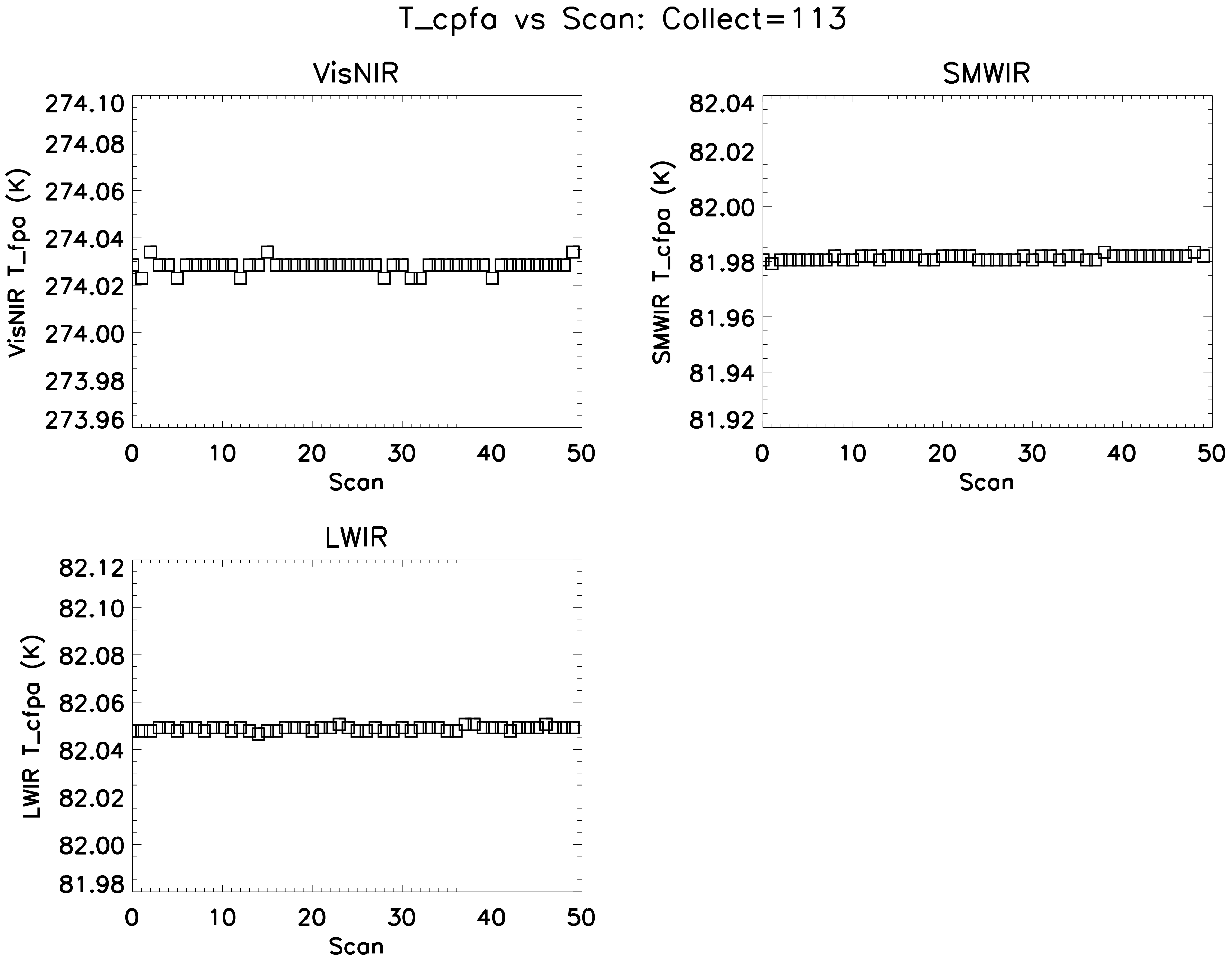
T_cpfa vs Scan: Collect=110

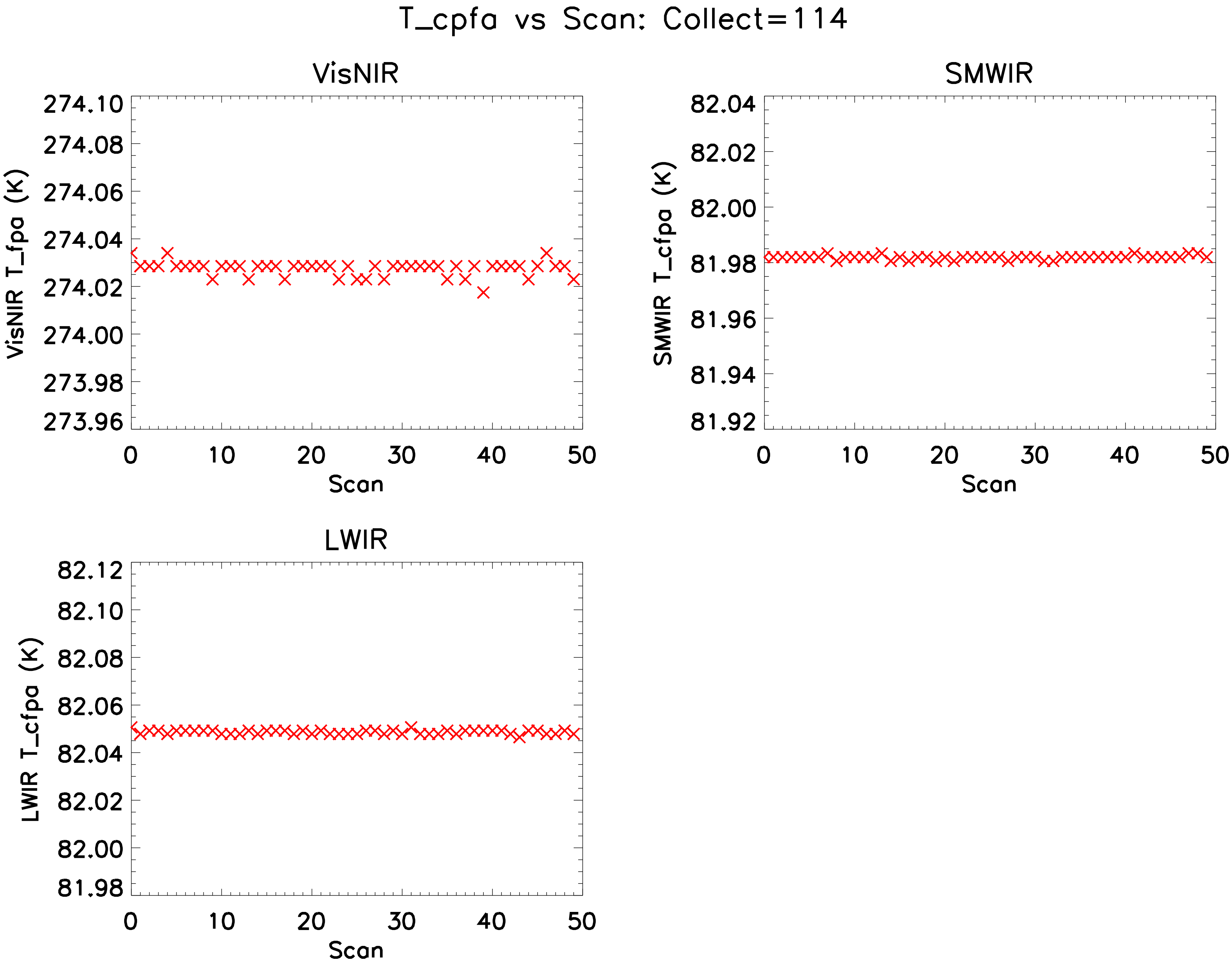


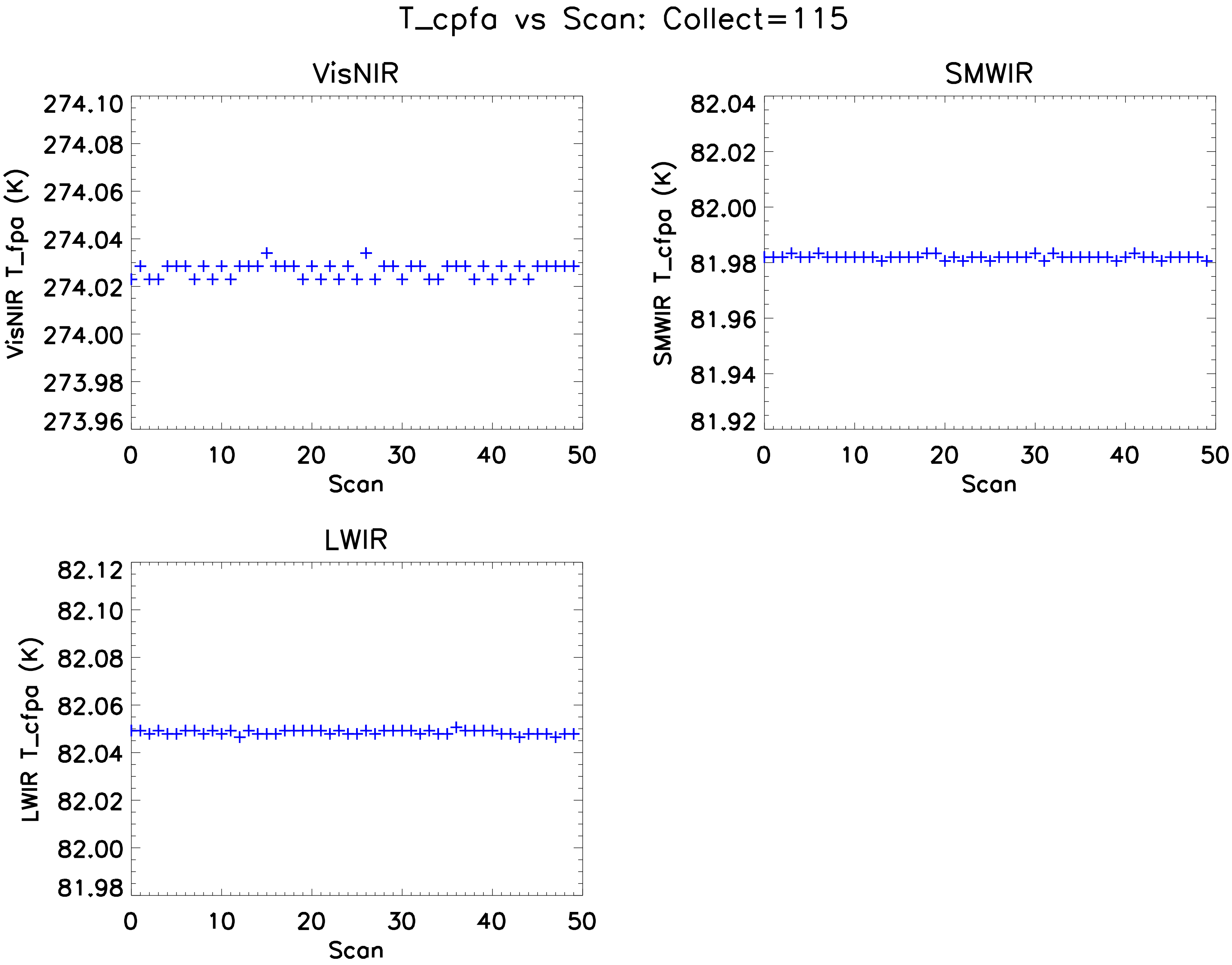

T_cpfa vs Scan: Collect=111
VisNIR
VisNIR T_fpa (K)
274.10
274.08
274.06
274.04
274.02
274.00
273.98
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

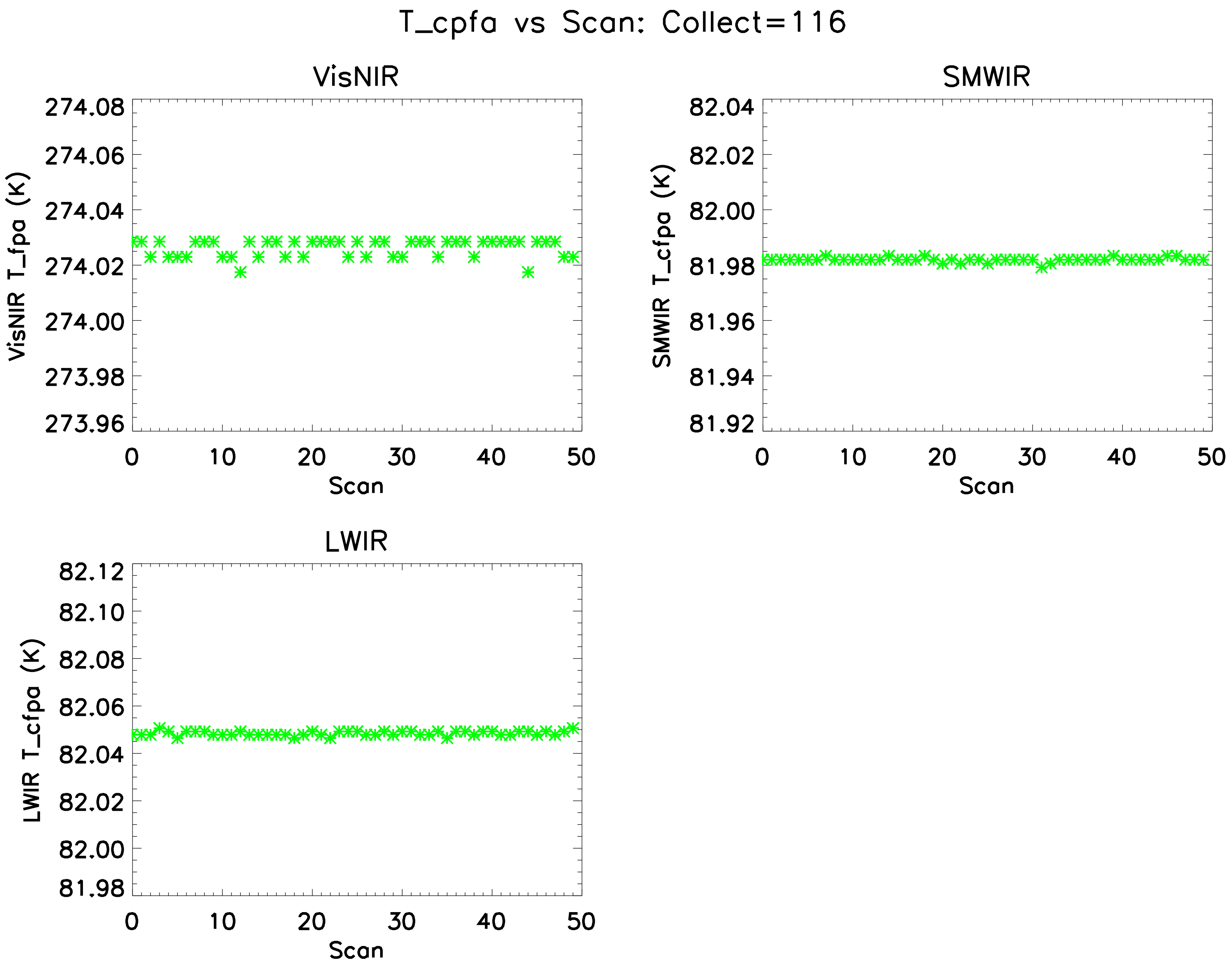
T_cpfa vs Scan: Collect=112

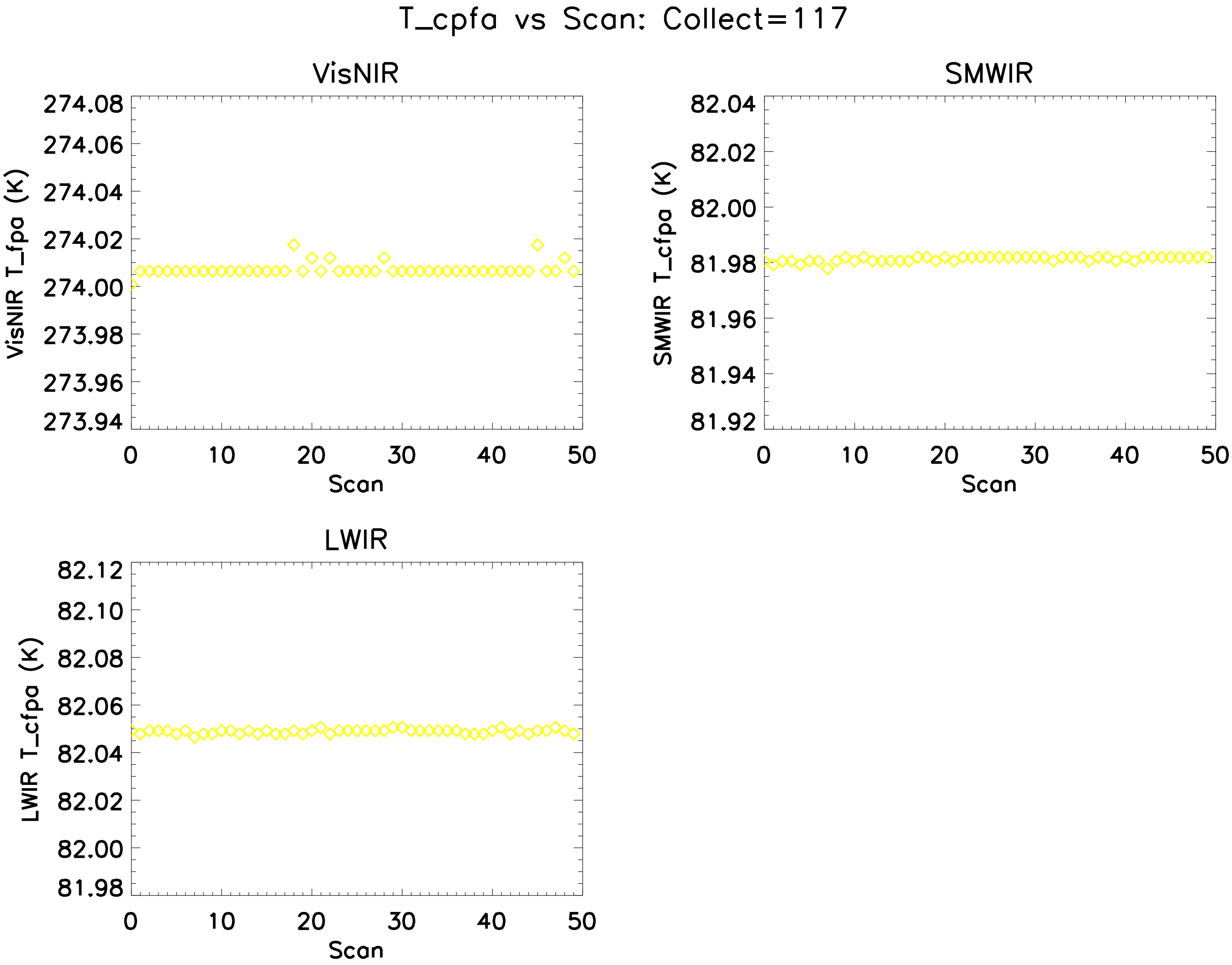



T_cpfa vs Scan: Collect=113
VisNIR
VisNIR T_fpa (K)
274.10
274.08
274.06
274.04
274.02
274.00
273.98
273.96
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

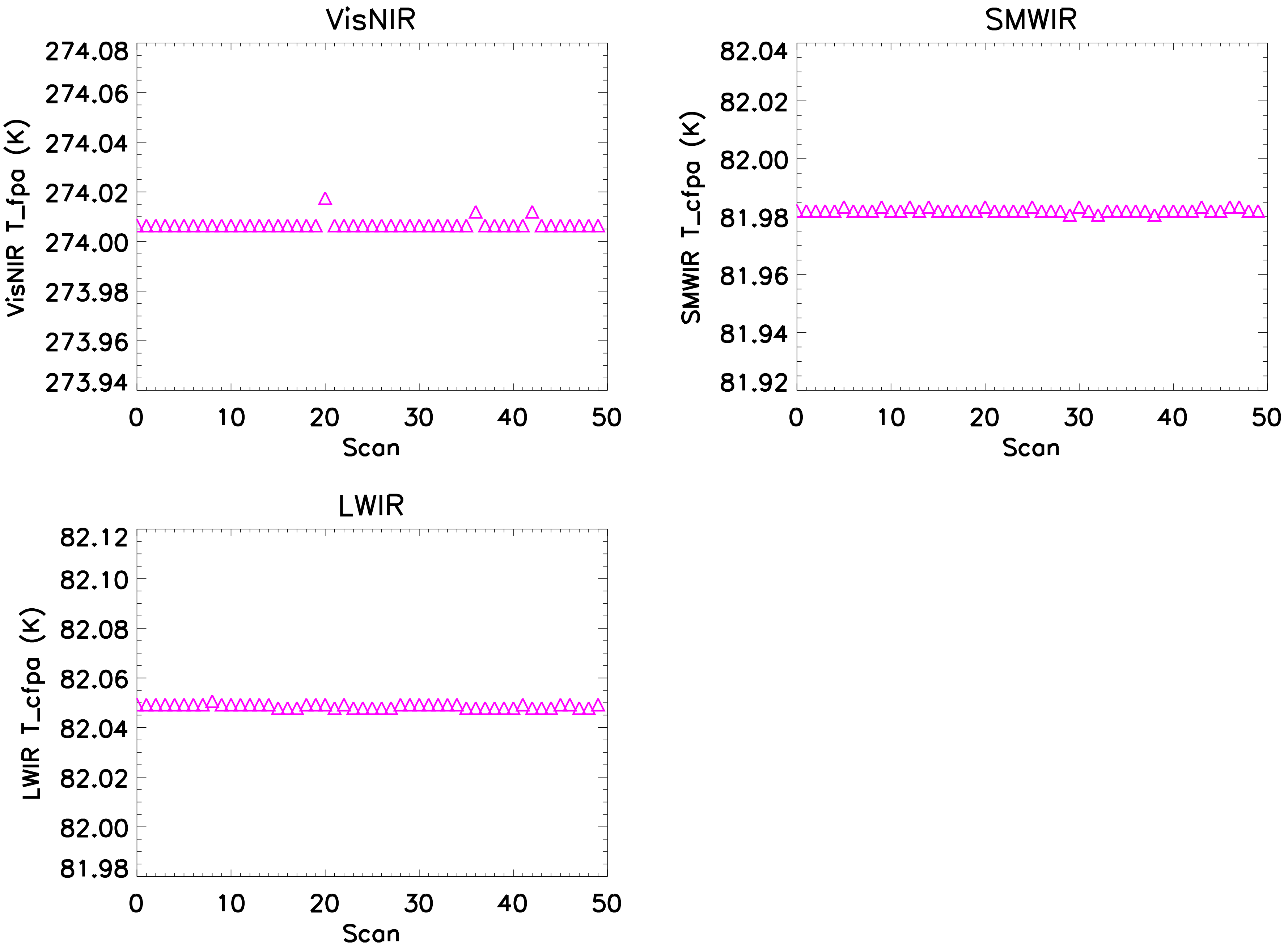

T_cpfa vs Scan: Collect=114
VisNIR
VisNIR T_fpa (K)
274.10
274.08
274.06
274.04
274.02
274.00
273.98
273.96
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=115
VisNIR
VisNIR T_fpa (K)
274.10
274.08
274.06
274.04
274.02
274.00
273.98
273.96
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

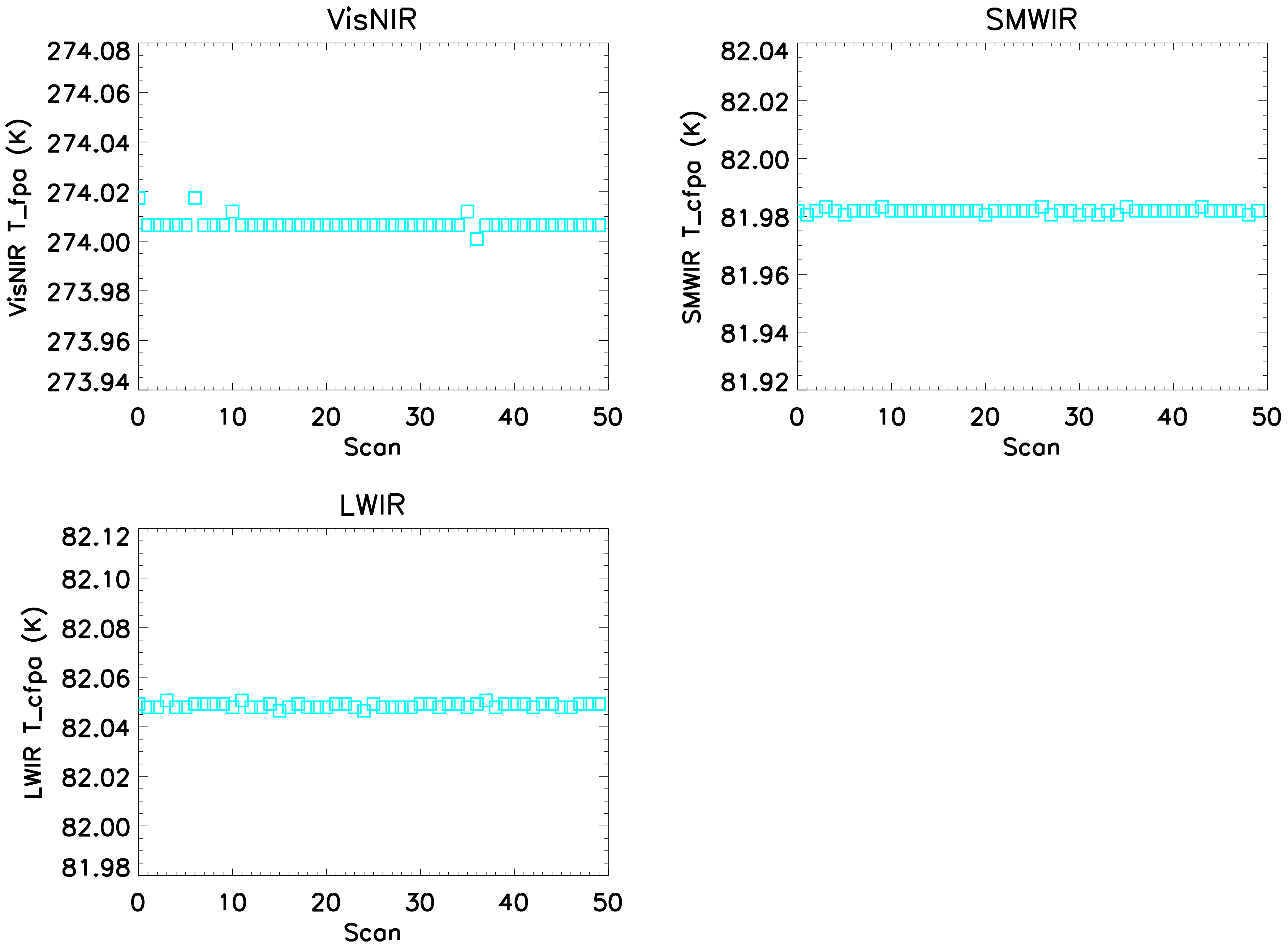

T_cpfa vs Scan: Collect=116
VisNIR
VisNIR T_fpa (K)
274.08
274.06
274.04
274.02
274.00
273.98
273.96
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=117
VisNIR
VisNIR T_fpa (K)
274.08
274.06
274.04
274.02
274.00
273.98
273.96
273.94
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

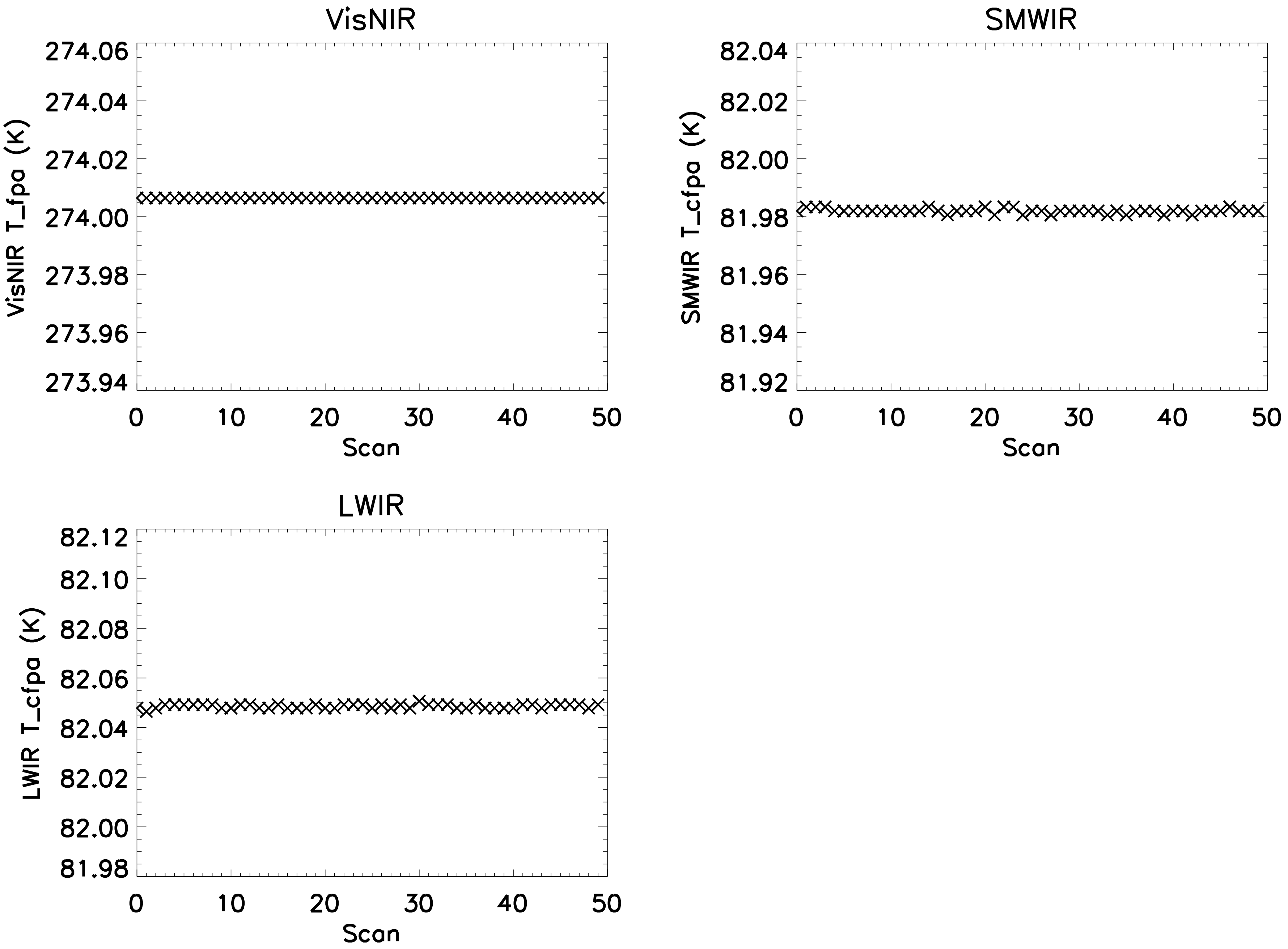
T_cpfa vs Scan: Collect=118



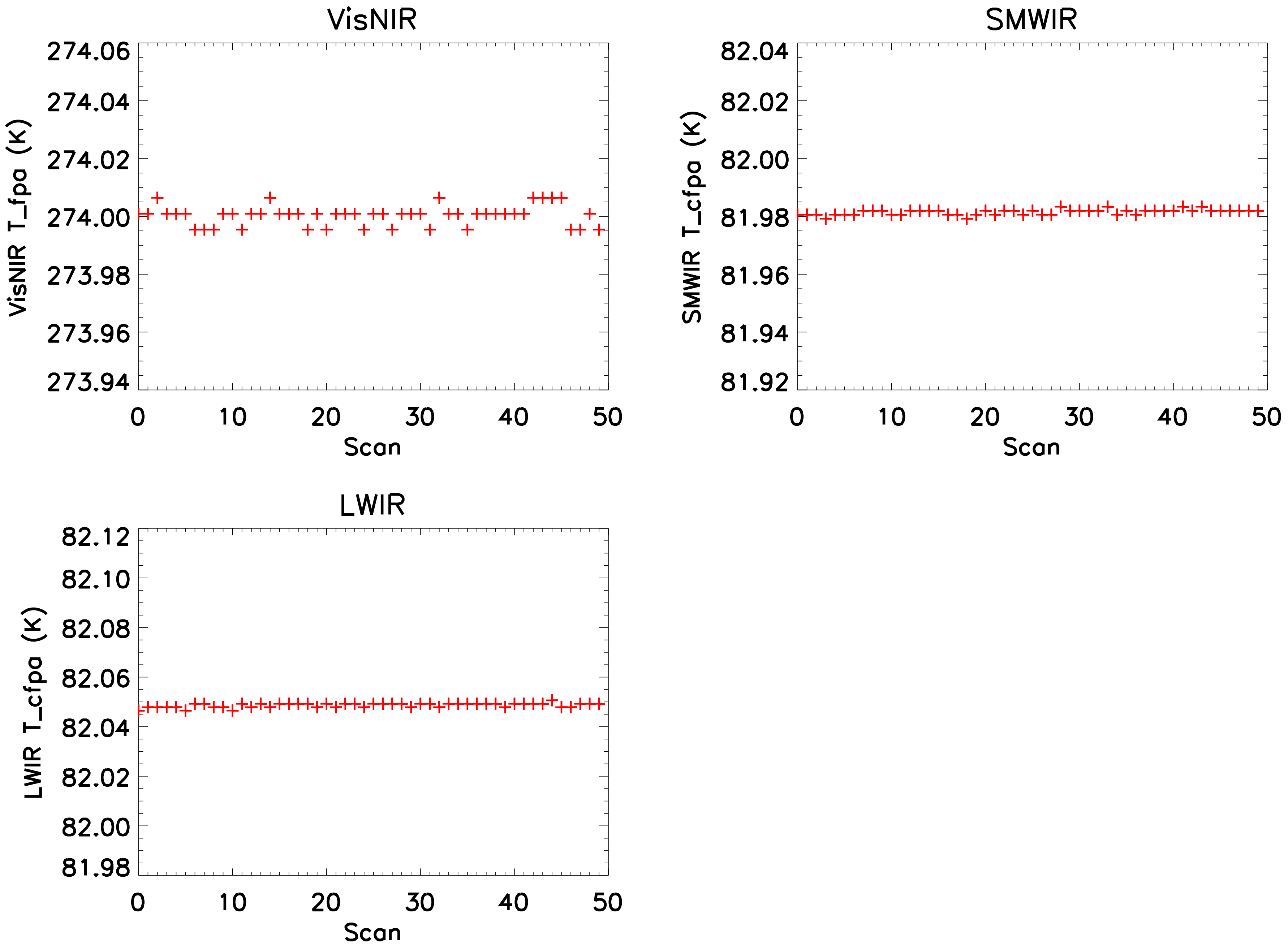
T_cpfa vs Scan: Collect=119



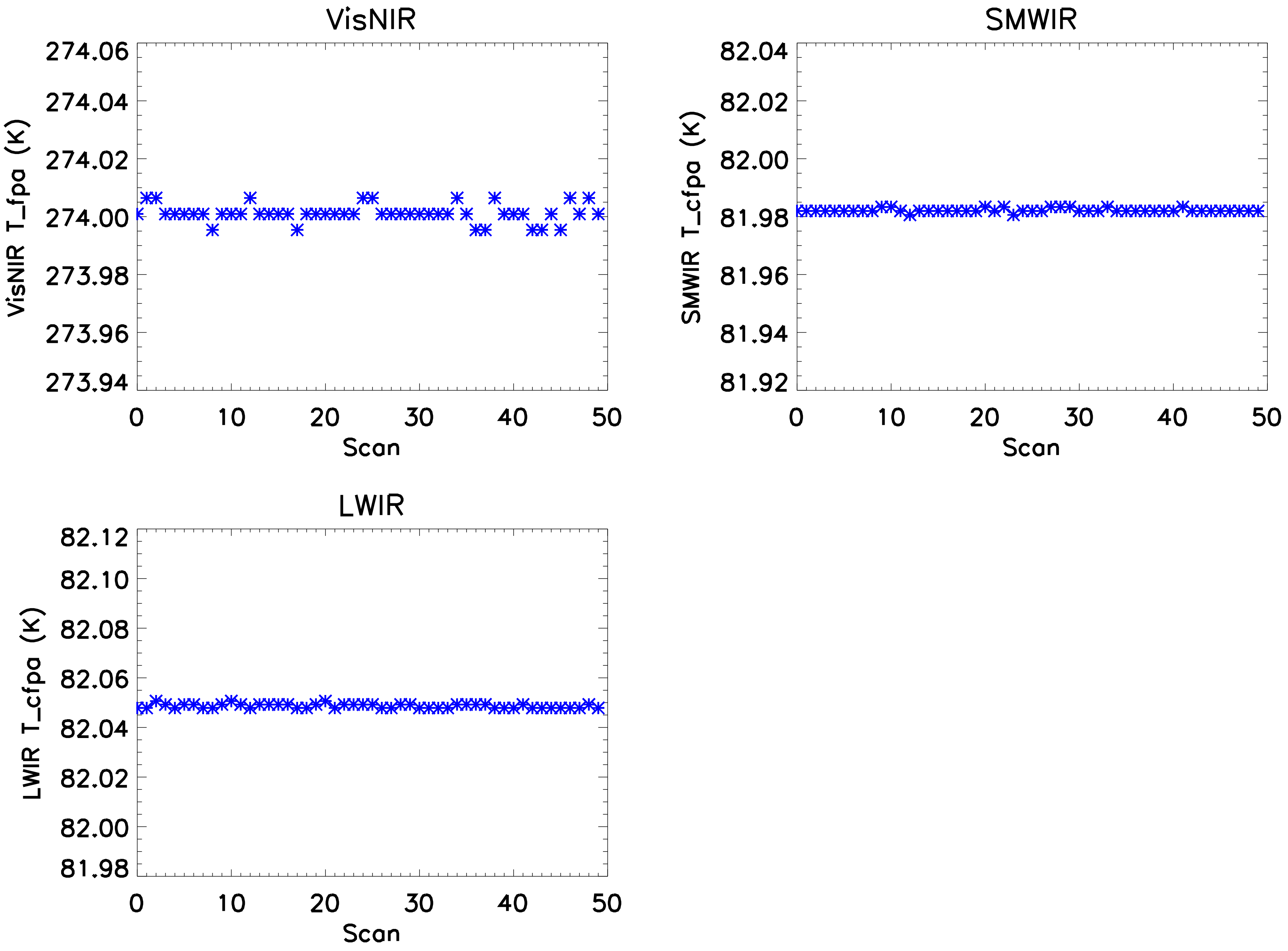
T_cpfa vs Scan: Collect=120

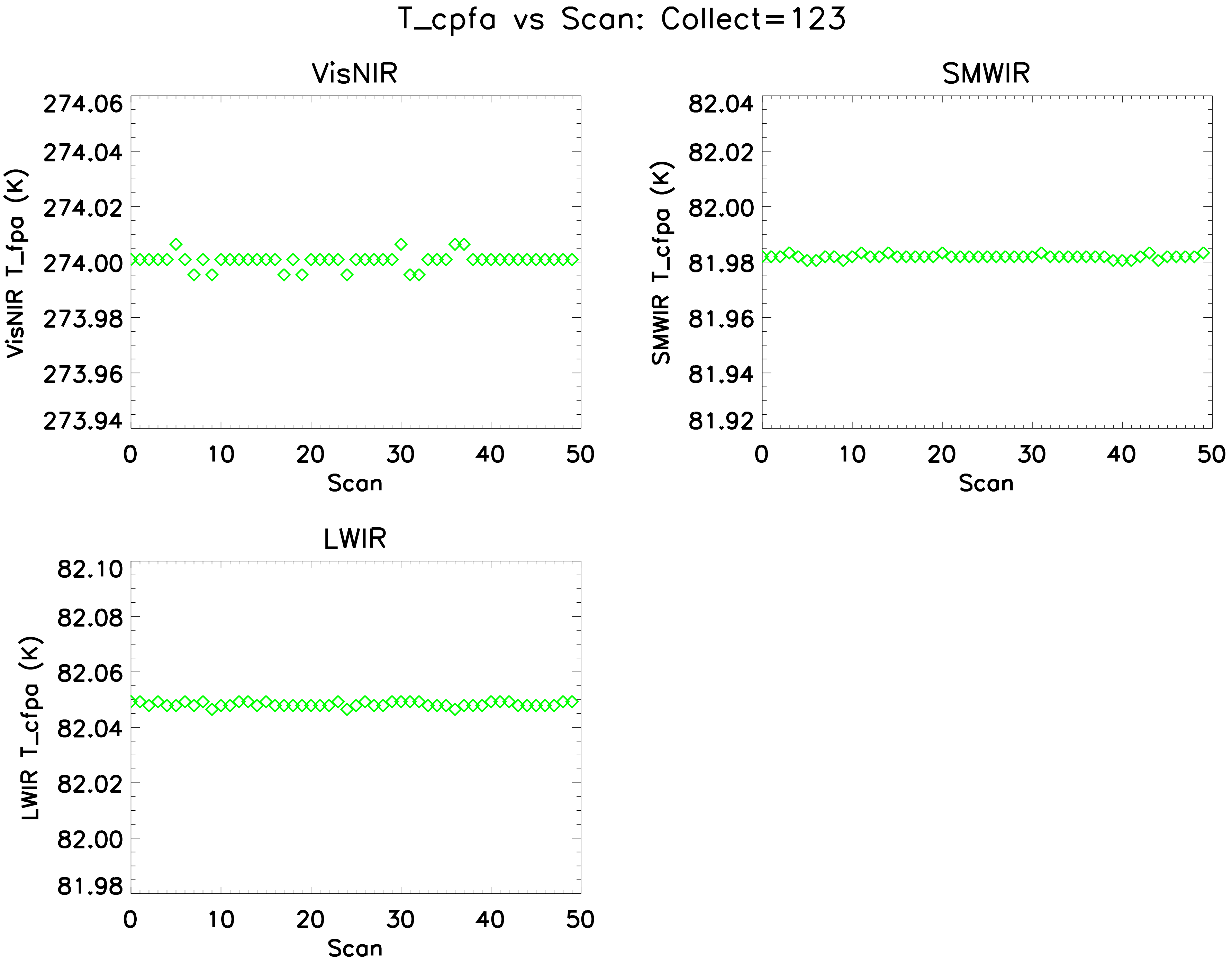


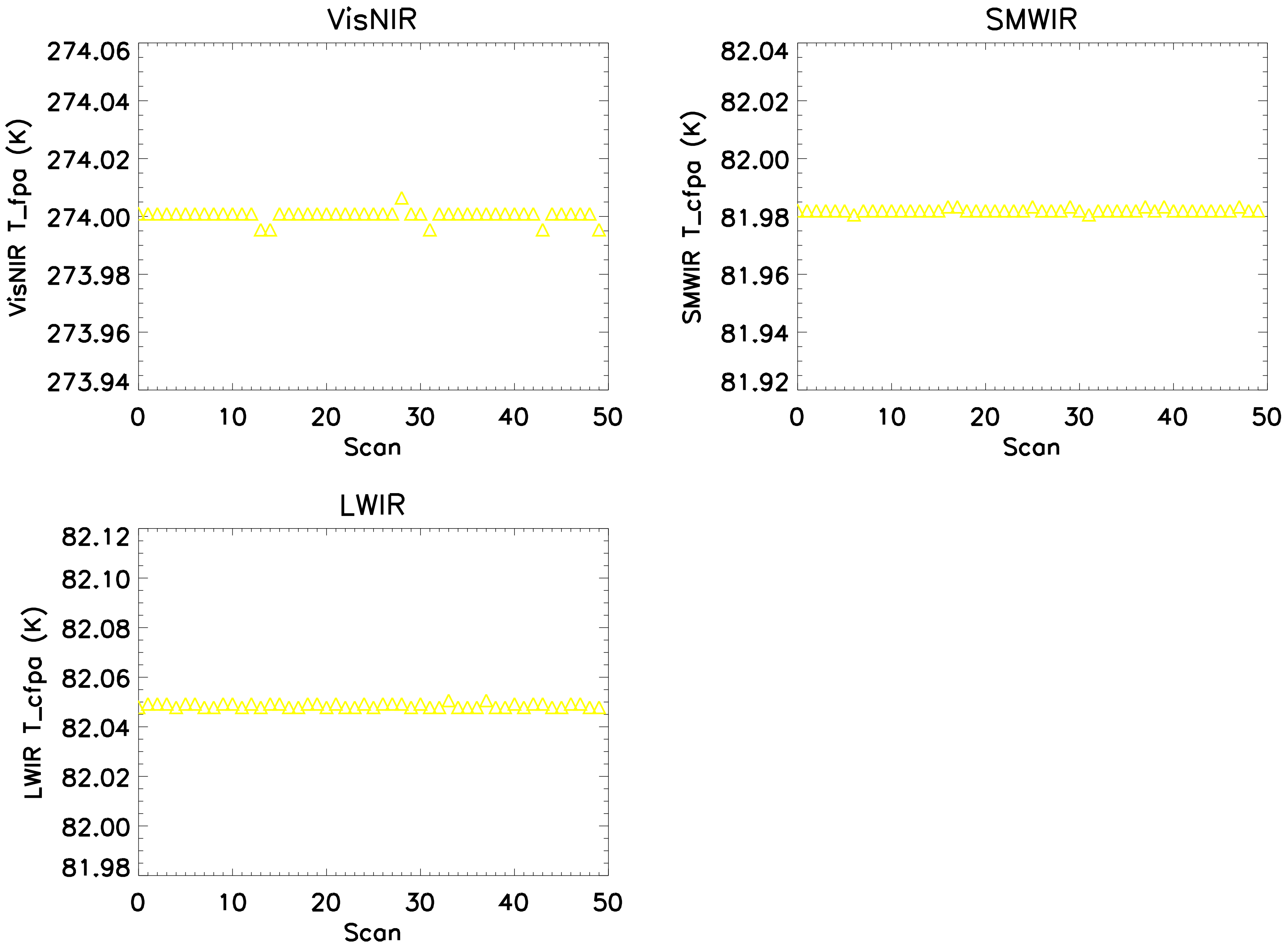
T_cpfa vs Scan: Collect=121



T_cpfa vs Scan: Collect=122

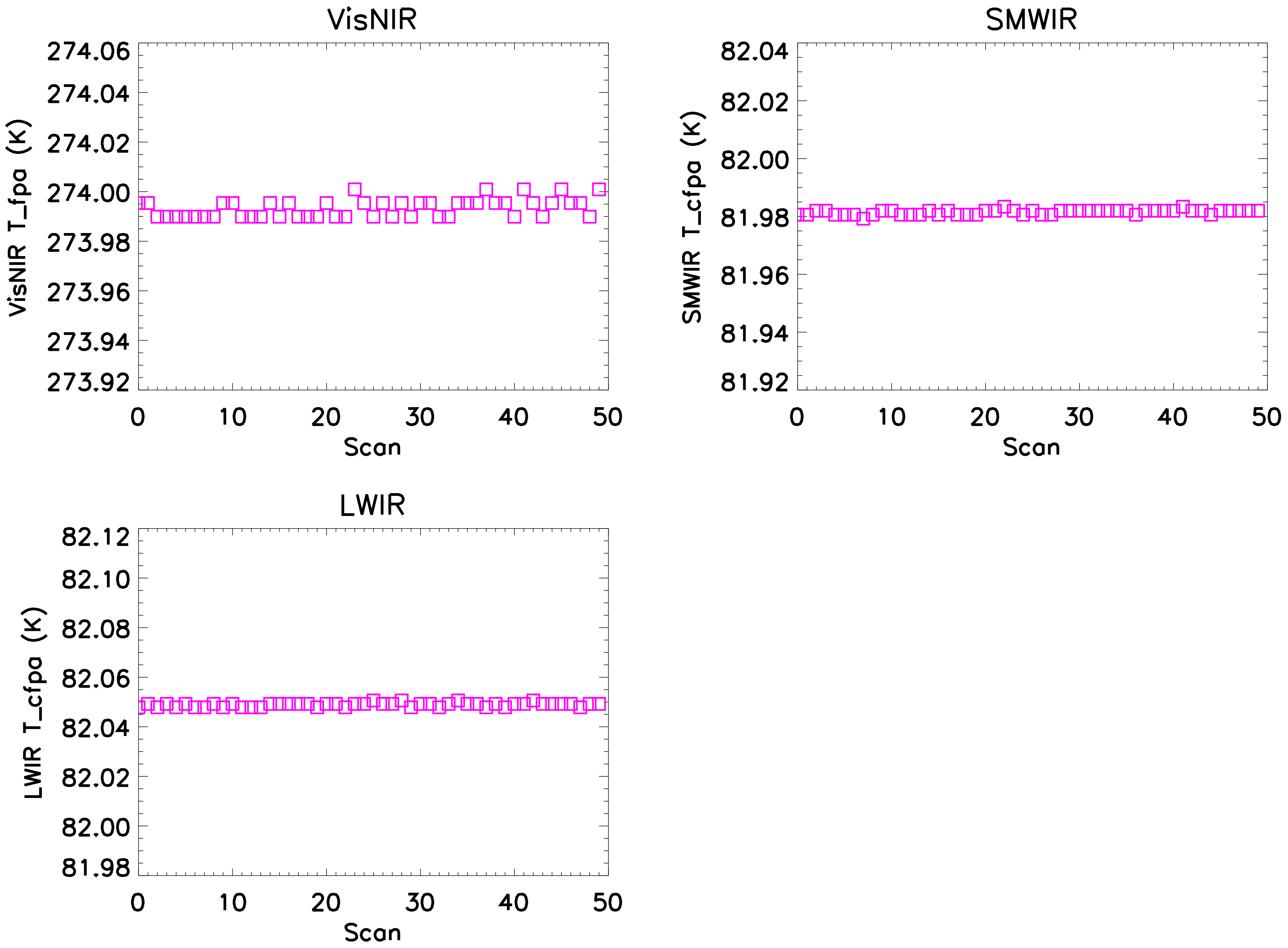



T_cpfa vs Scan: Collect=123
VisNIR
VisNIR T_fpa (K)
274.06
274.04
274.02
274.00
273.98
273.96
273.94
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

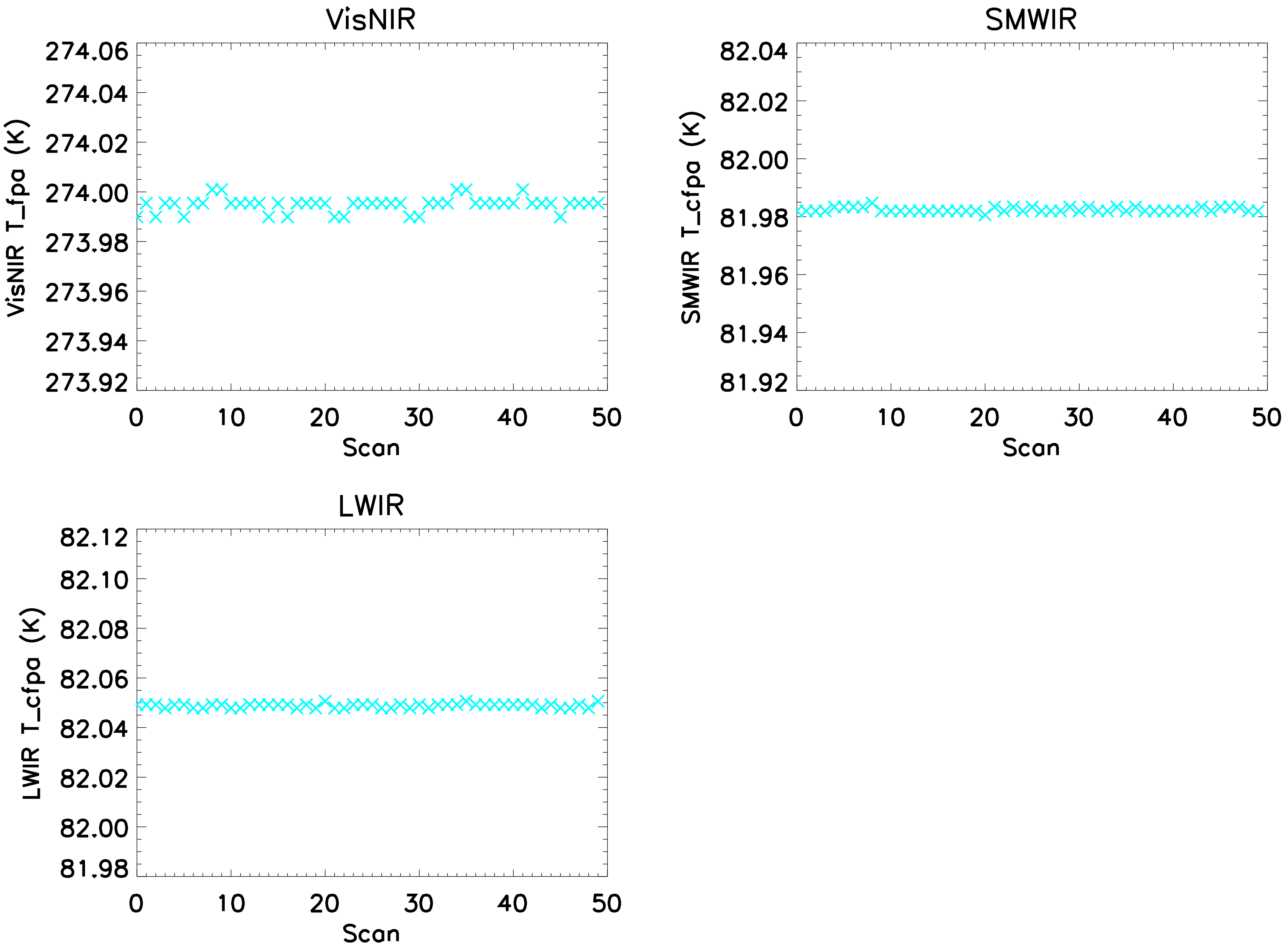


T_cpfa vs Scan: Collect=124

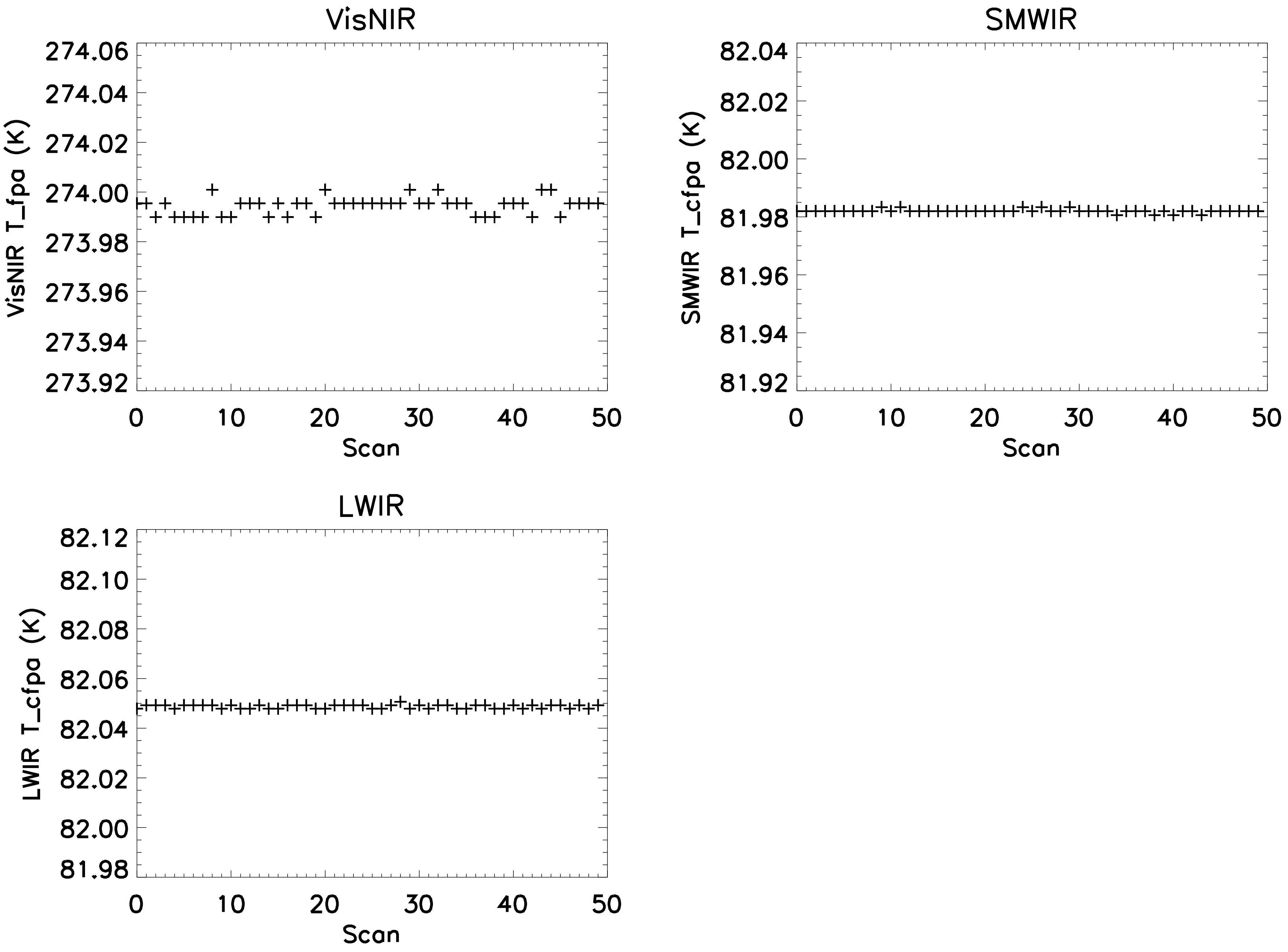
T_cpfa vs Scan: Collect=125



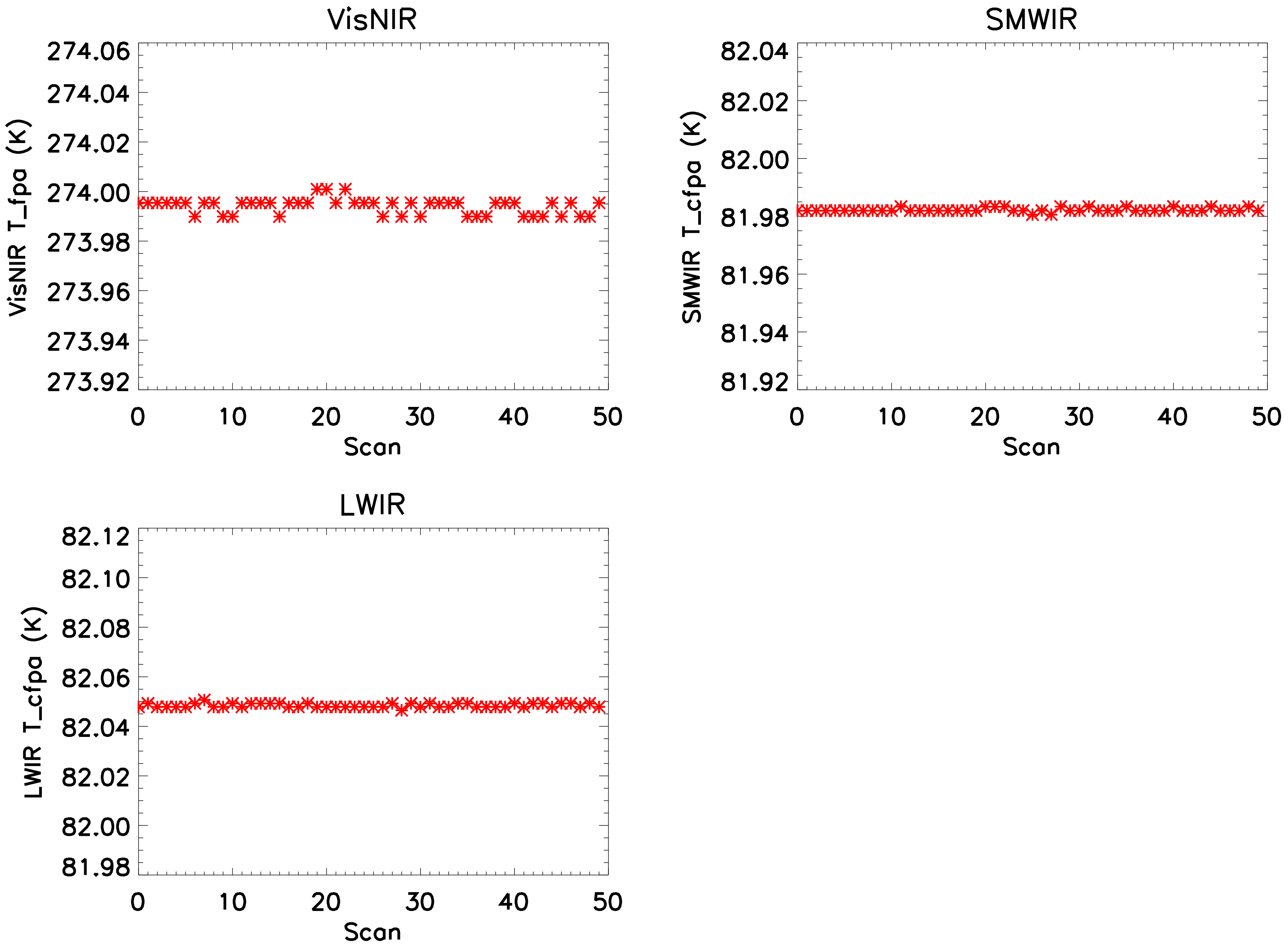
T_cpfa vs Scan: Collect=126

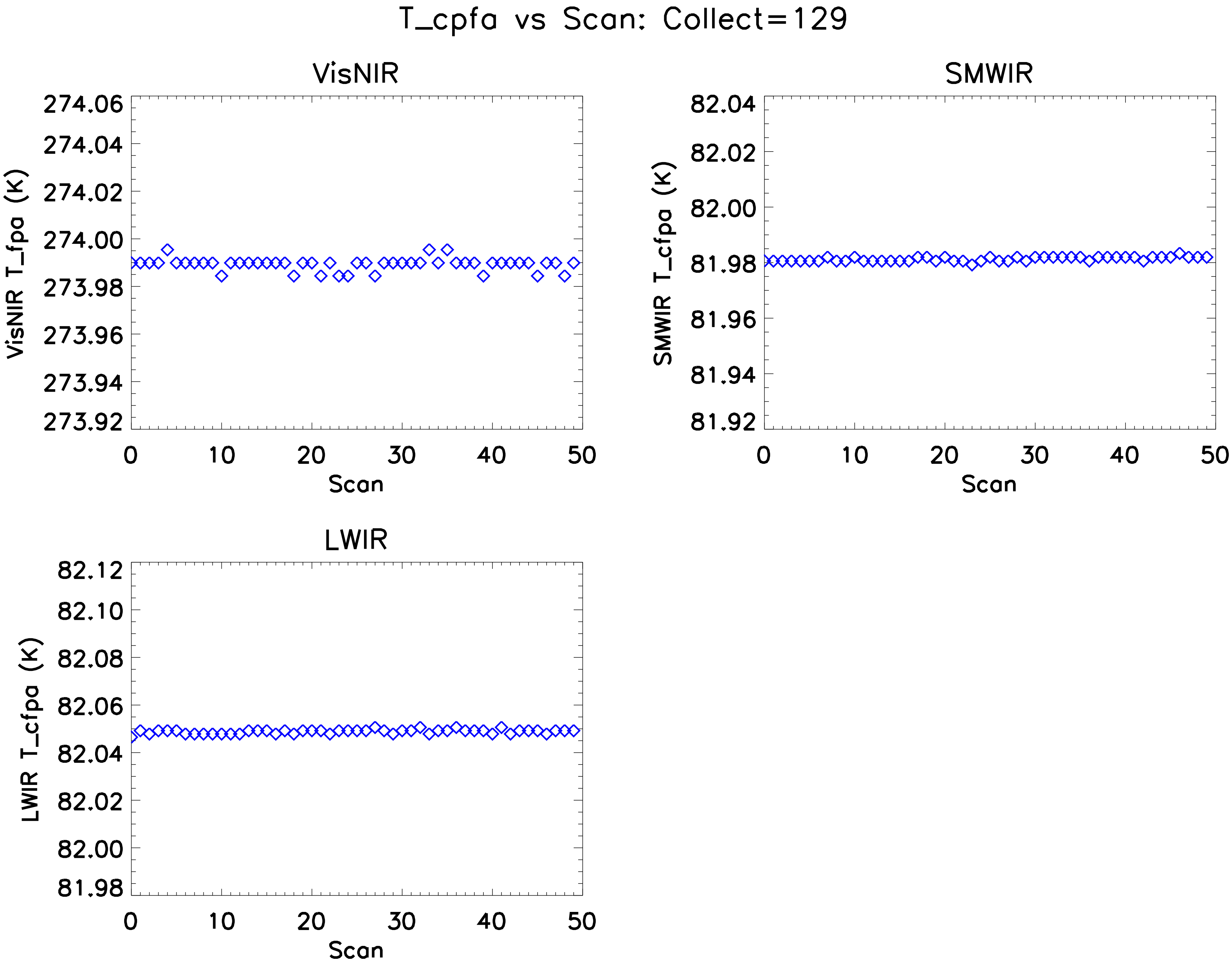


T_cpfa vs Scan: Collect=127

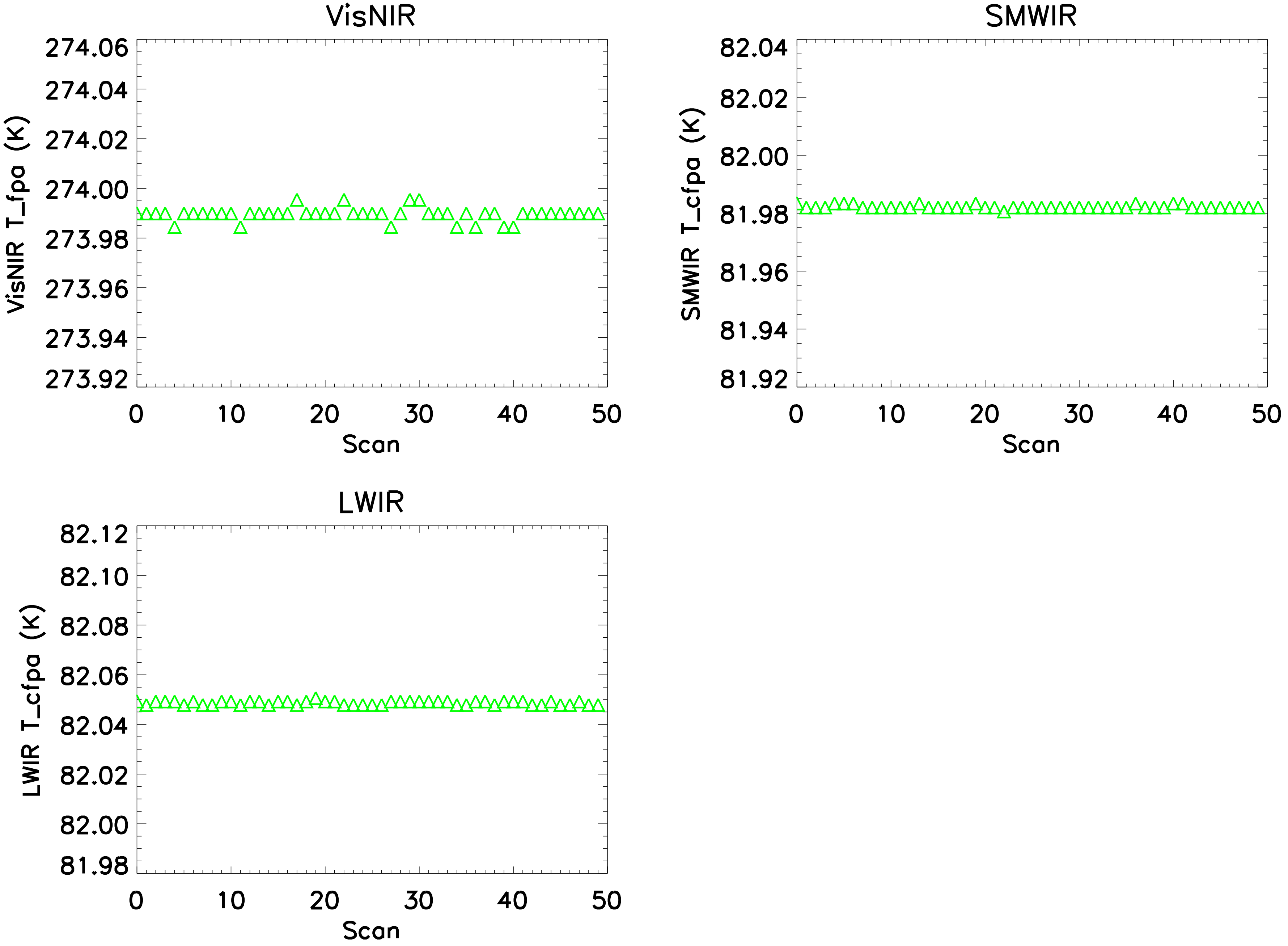


T_cpfa vs Scan: Collect=128

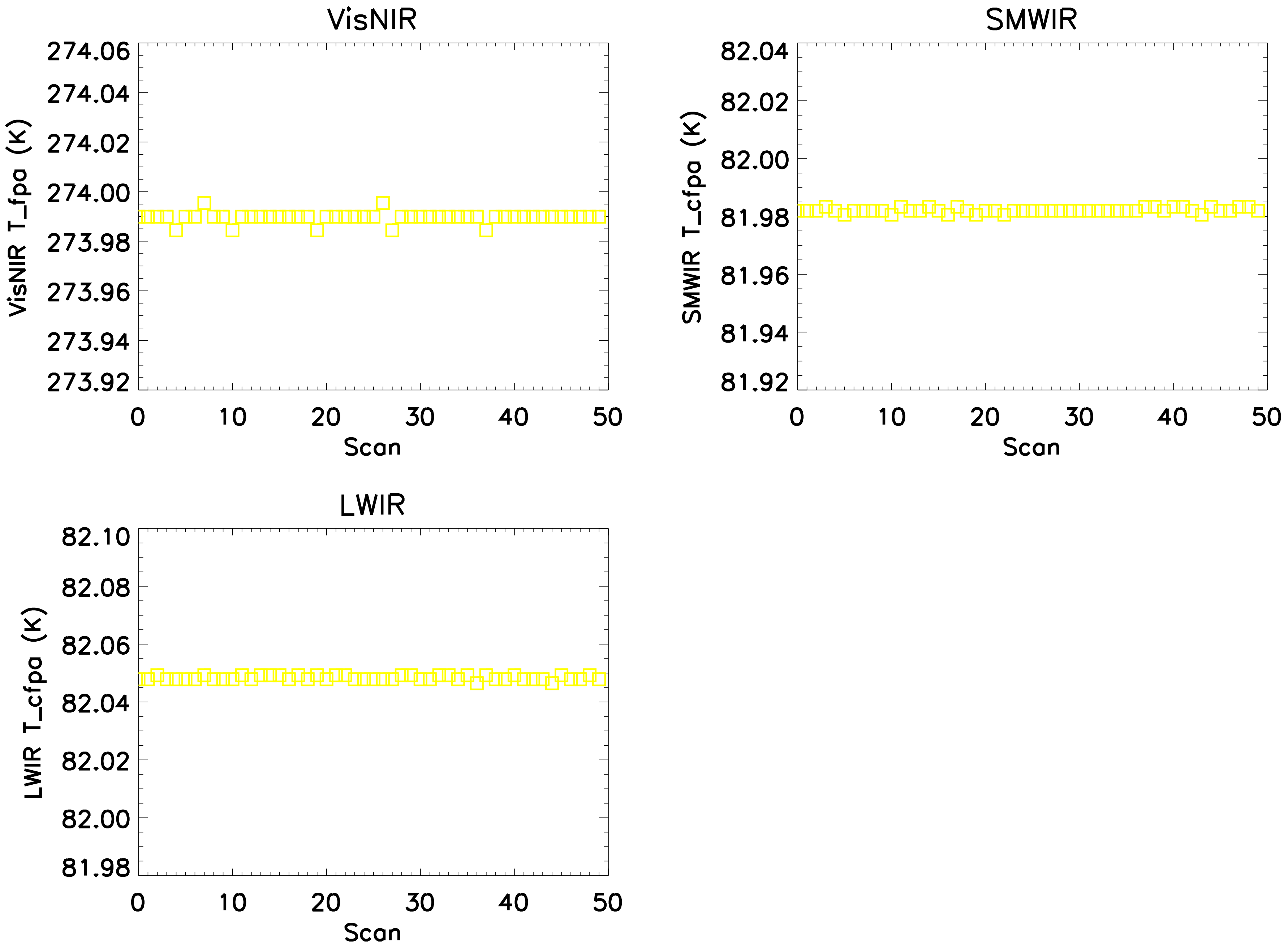



T_cpfa vs Scan: Collect=129
VisNIR
VisNIR T_fpa (K)
274.06
274.04
274.02
274.00
273.98
273.96
273.94
273.92
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

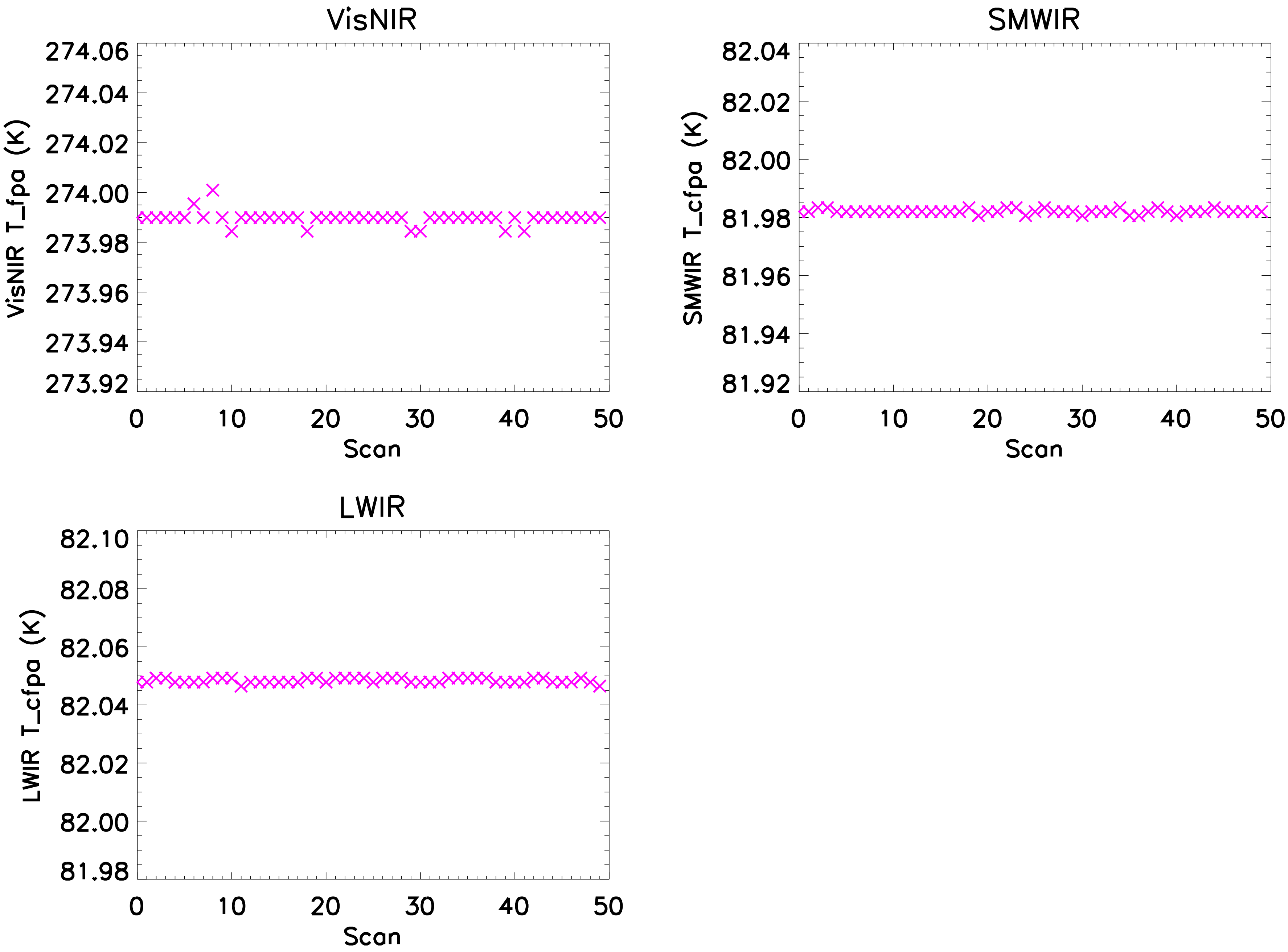
T_cpfa vs Scan: Collect=130

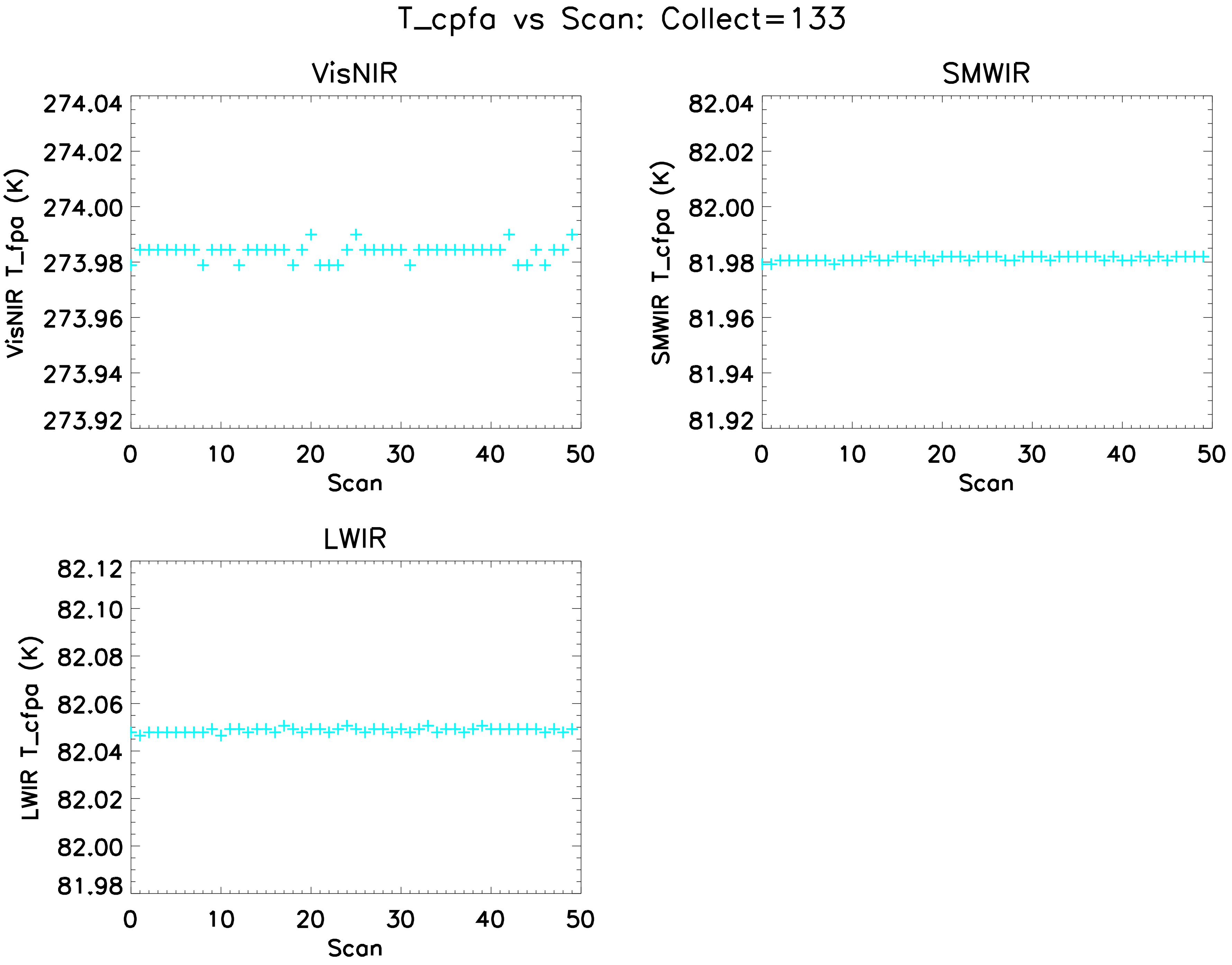


T_cpfa vs Scan: Collect=131

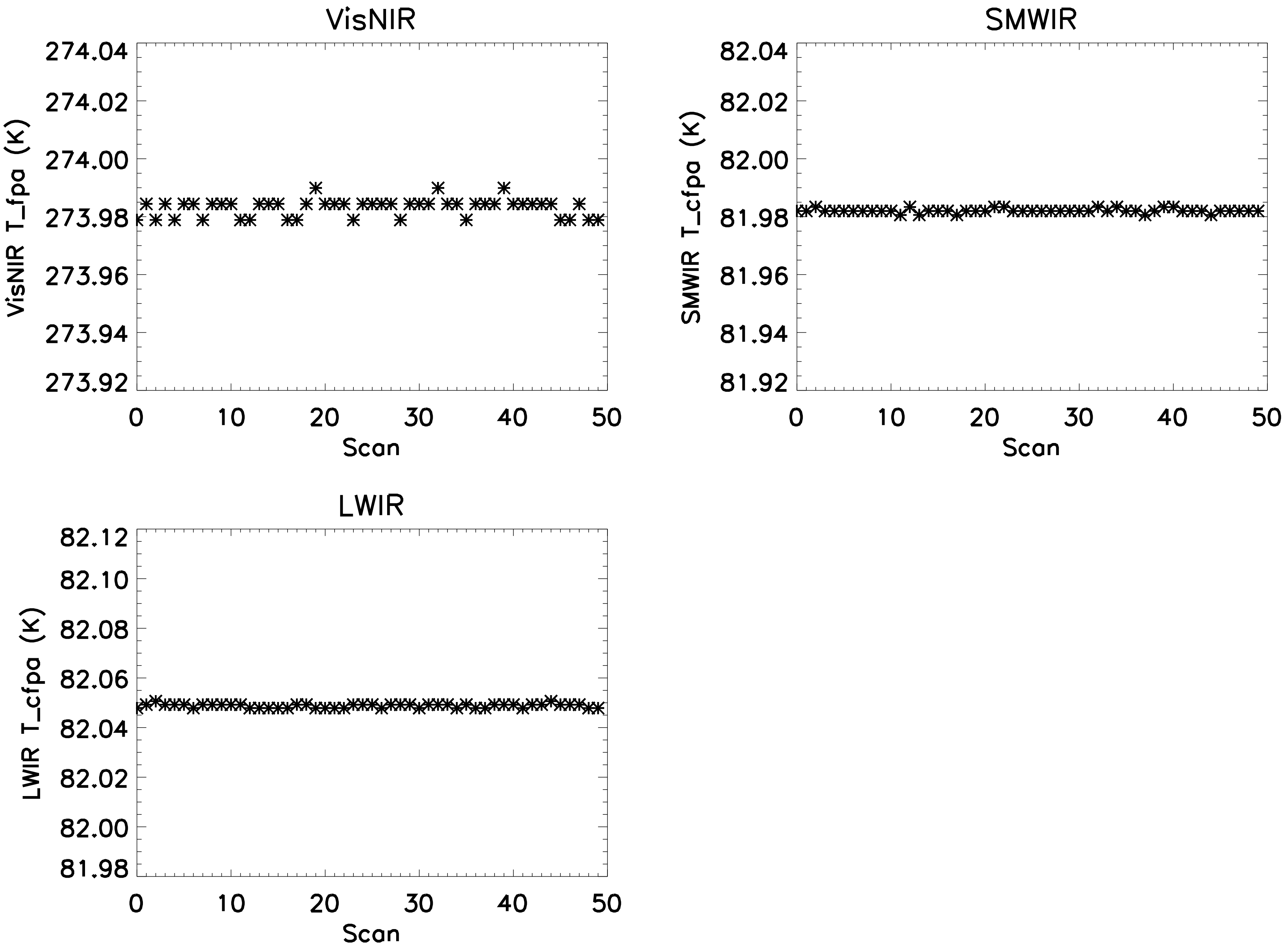


T_cpfa vs Scan: Collect=132

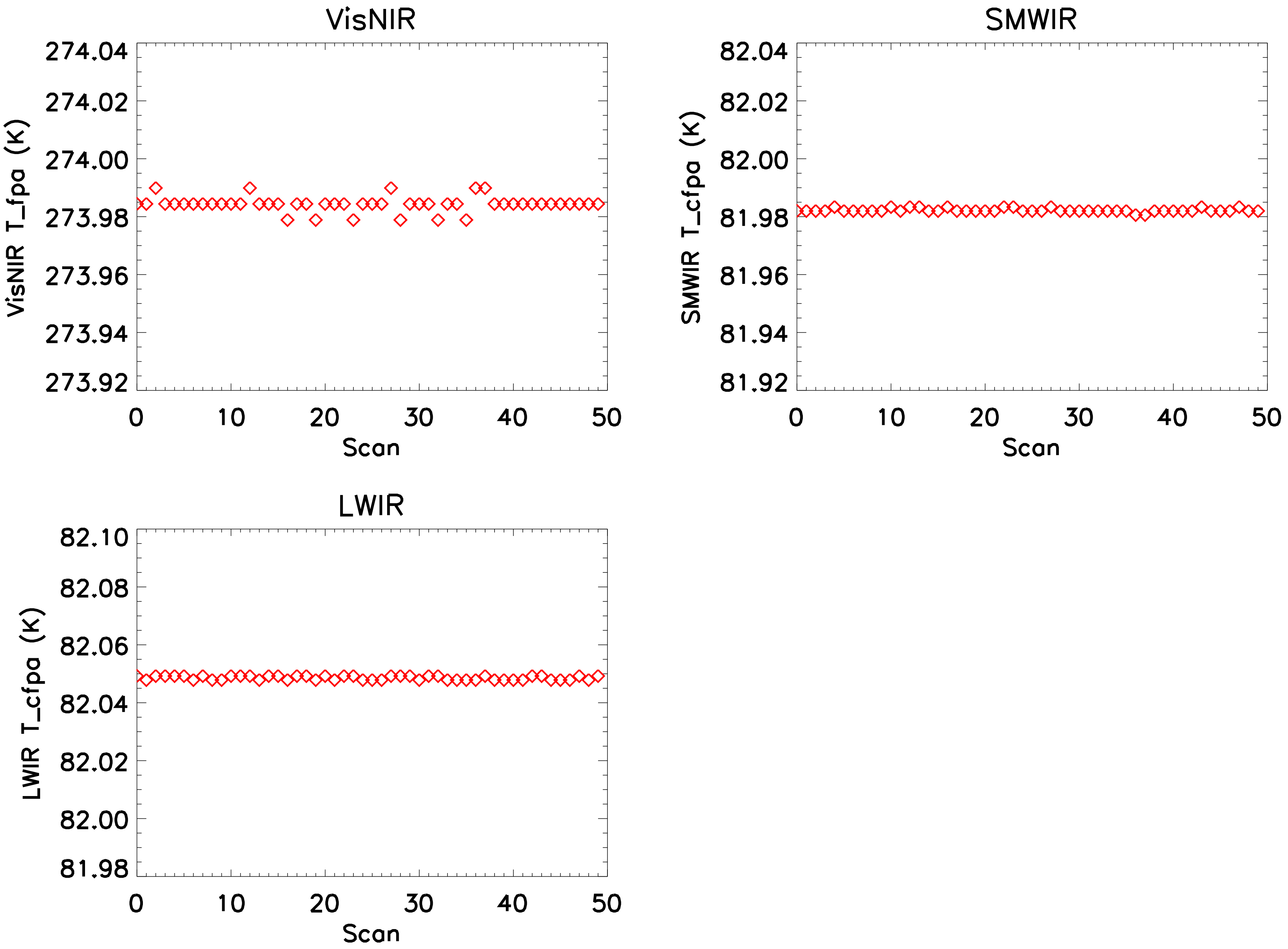



T_cpfa vs Scan: Collect=133
VisNIR
VisNIR T_fpa (K)
274.04
274.02
274.00
273.98
273.96
273.94
273.92
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

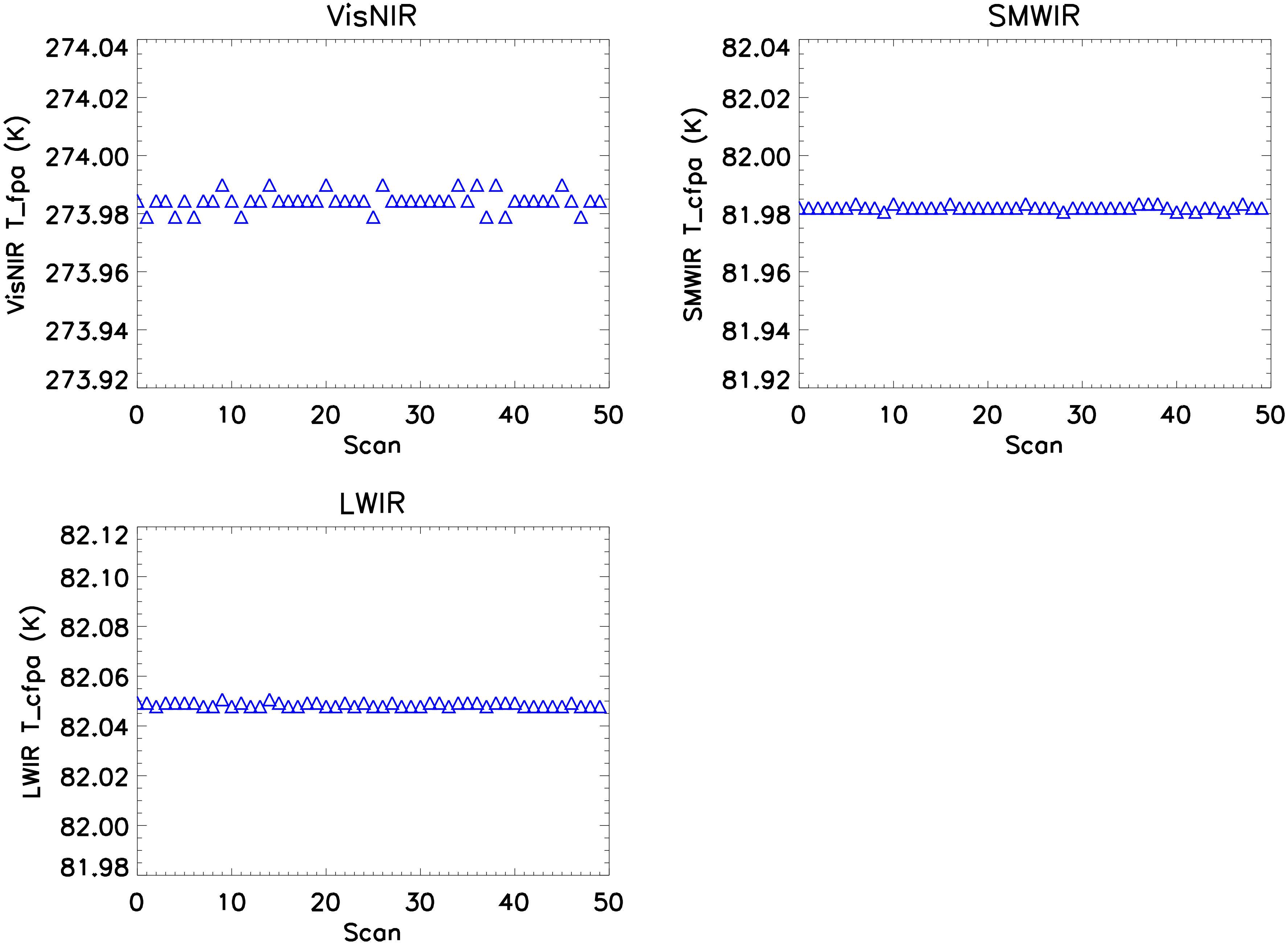
T_cpfa vs Scan: Collect=134



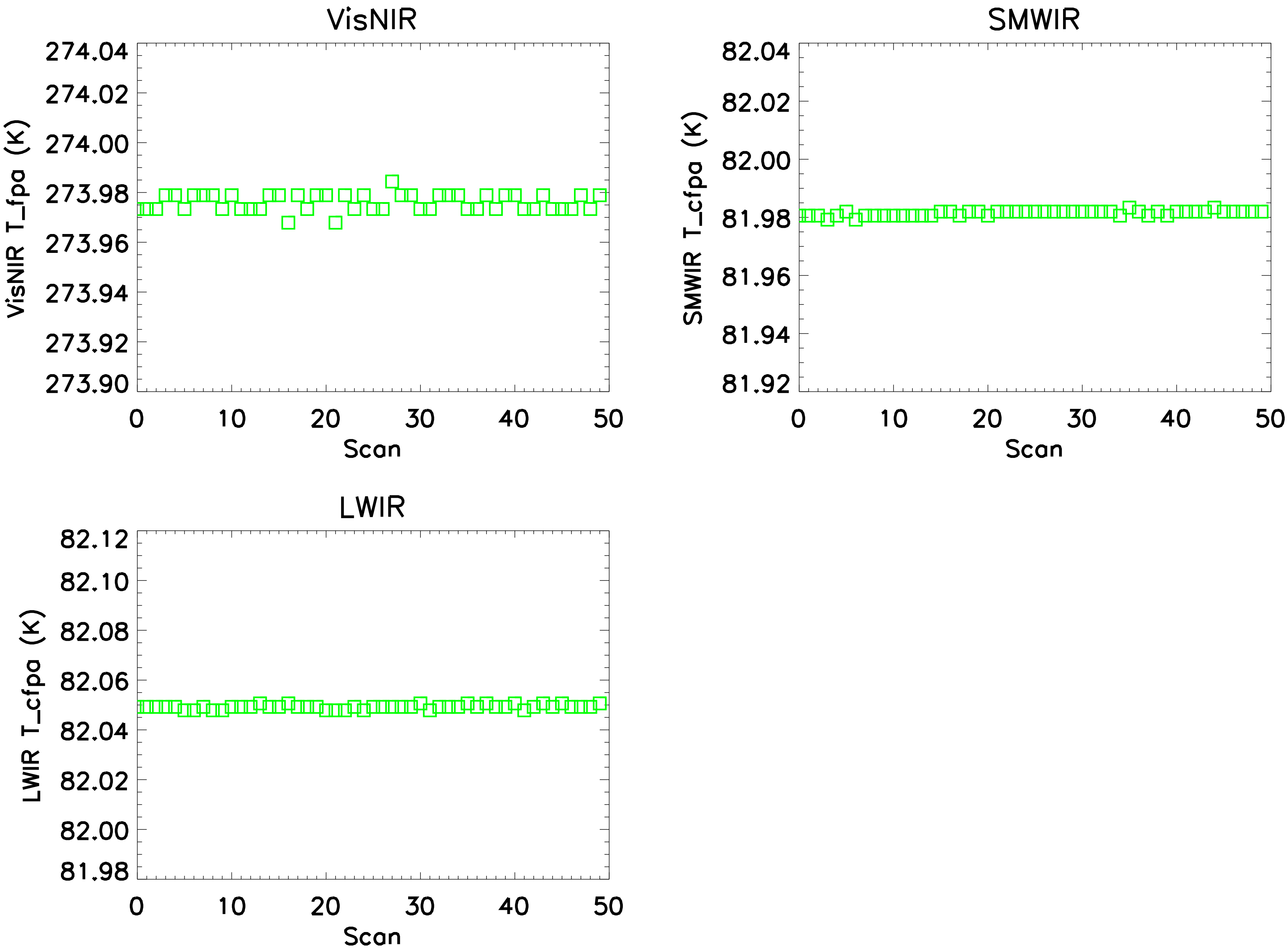
T_cpfa vs Scan: Collect=135



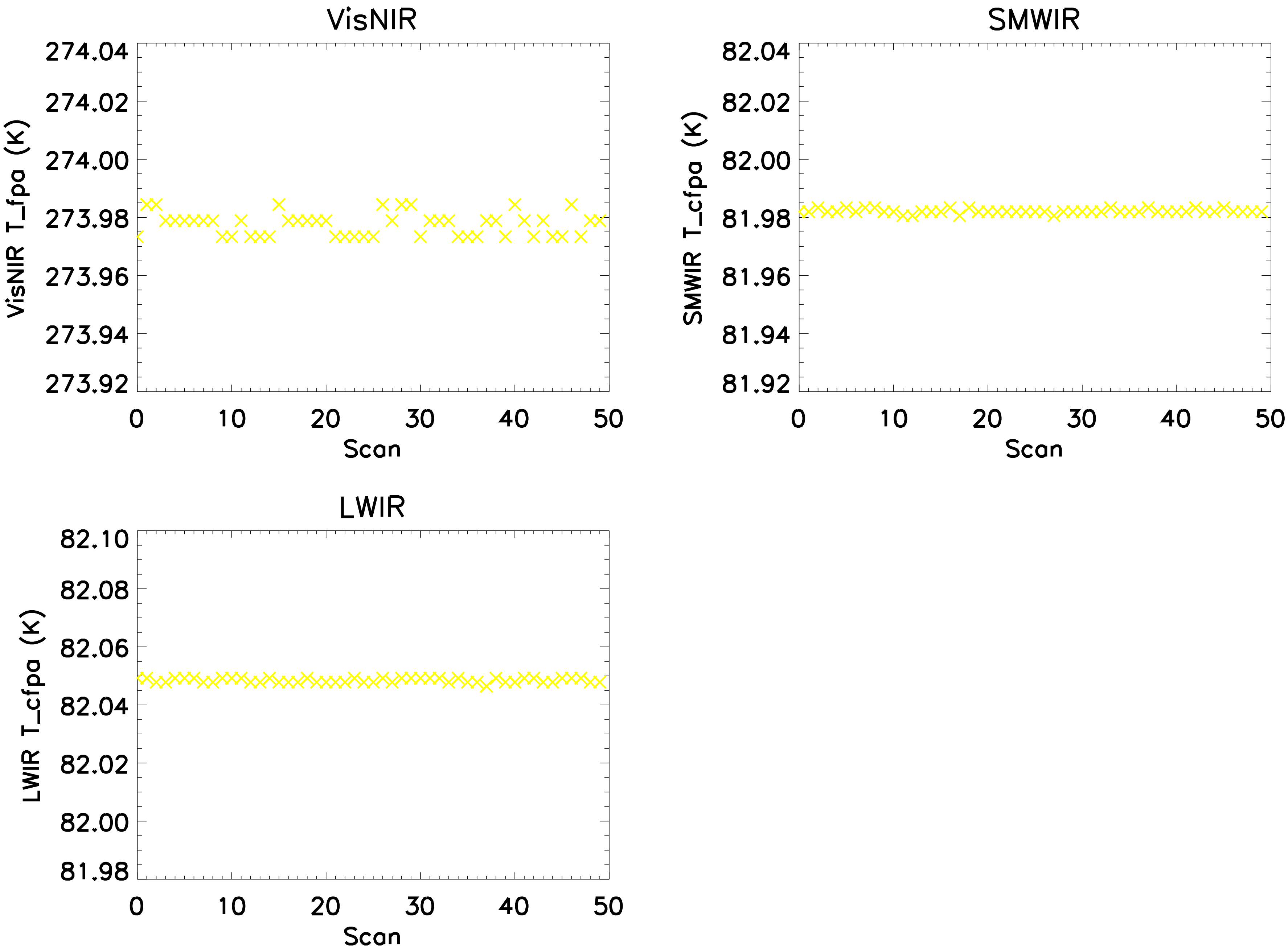
T_cpfa vs Scan: Collect=136



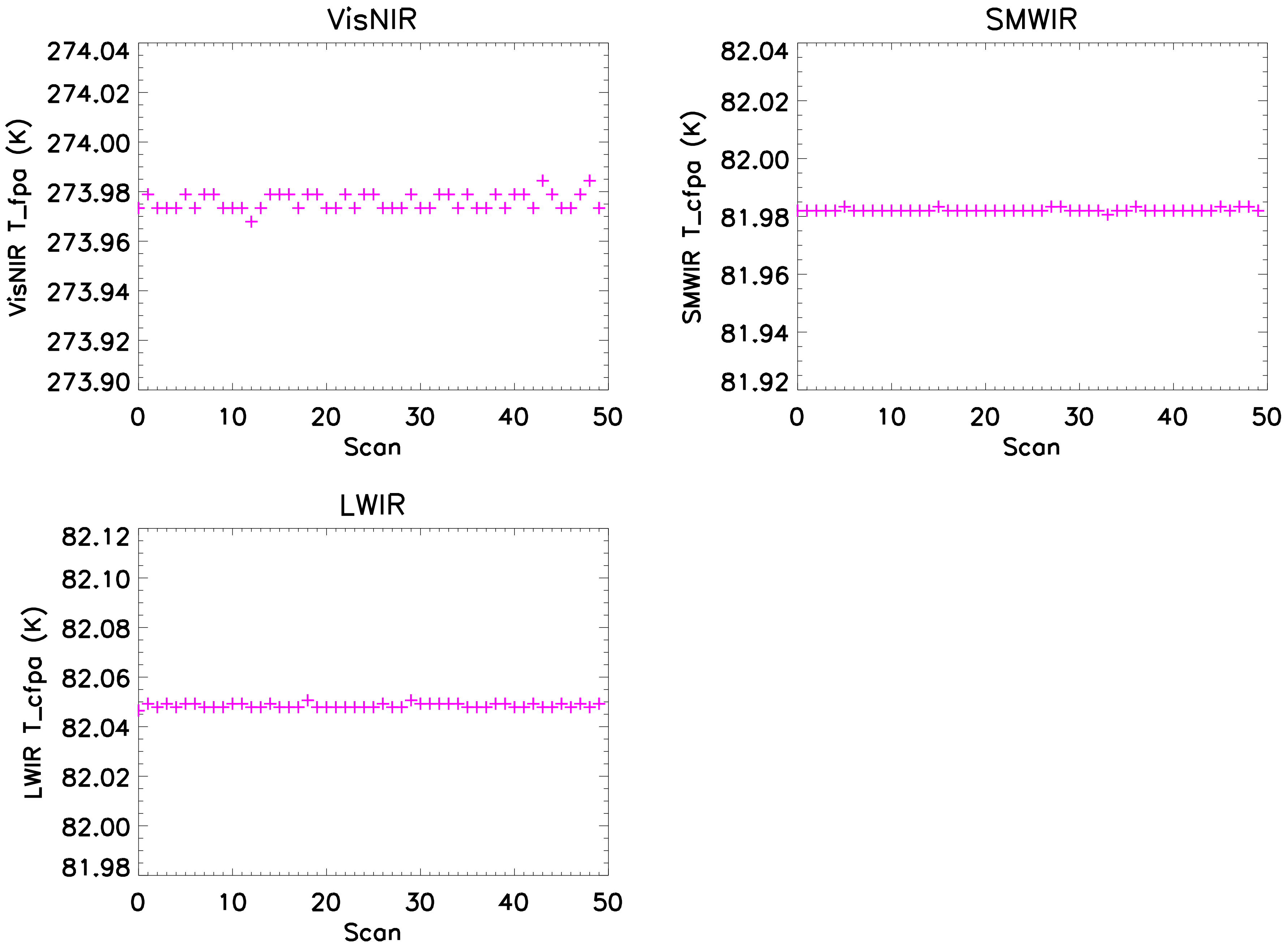
T_cpfa vs Scan: Collect=137



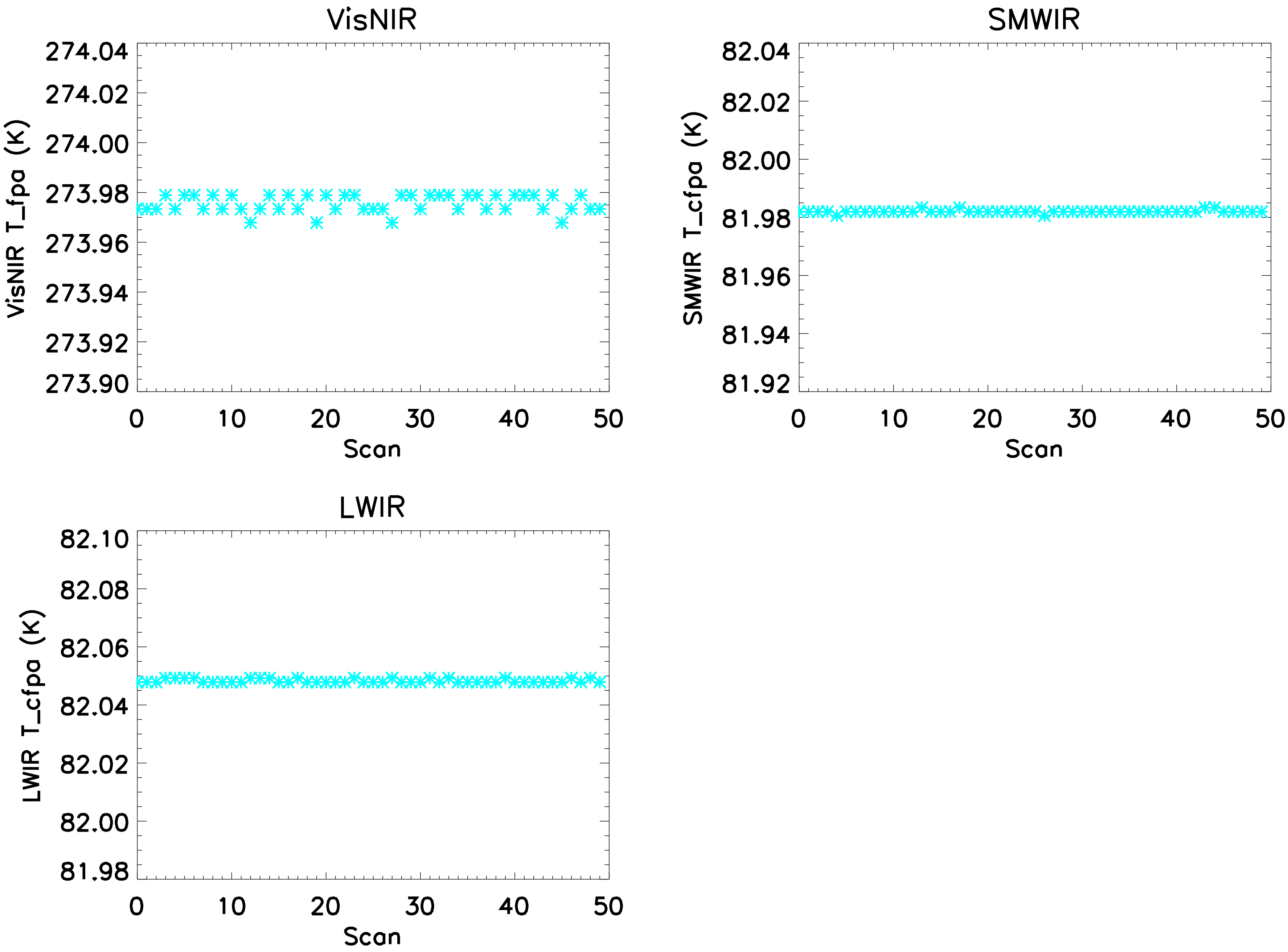
T_cpfa vs Scan: Collect=138

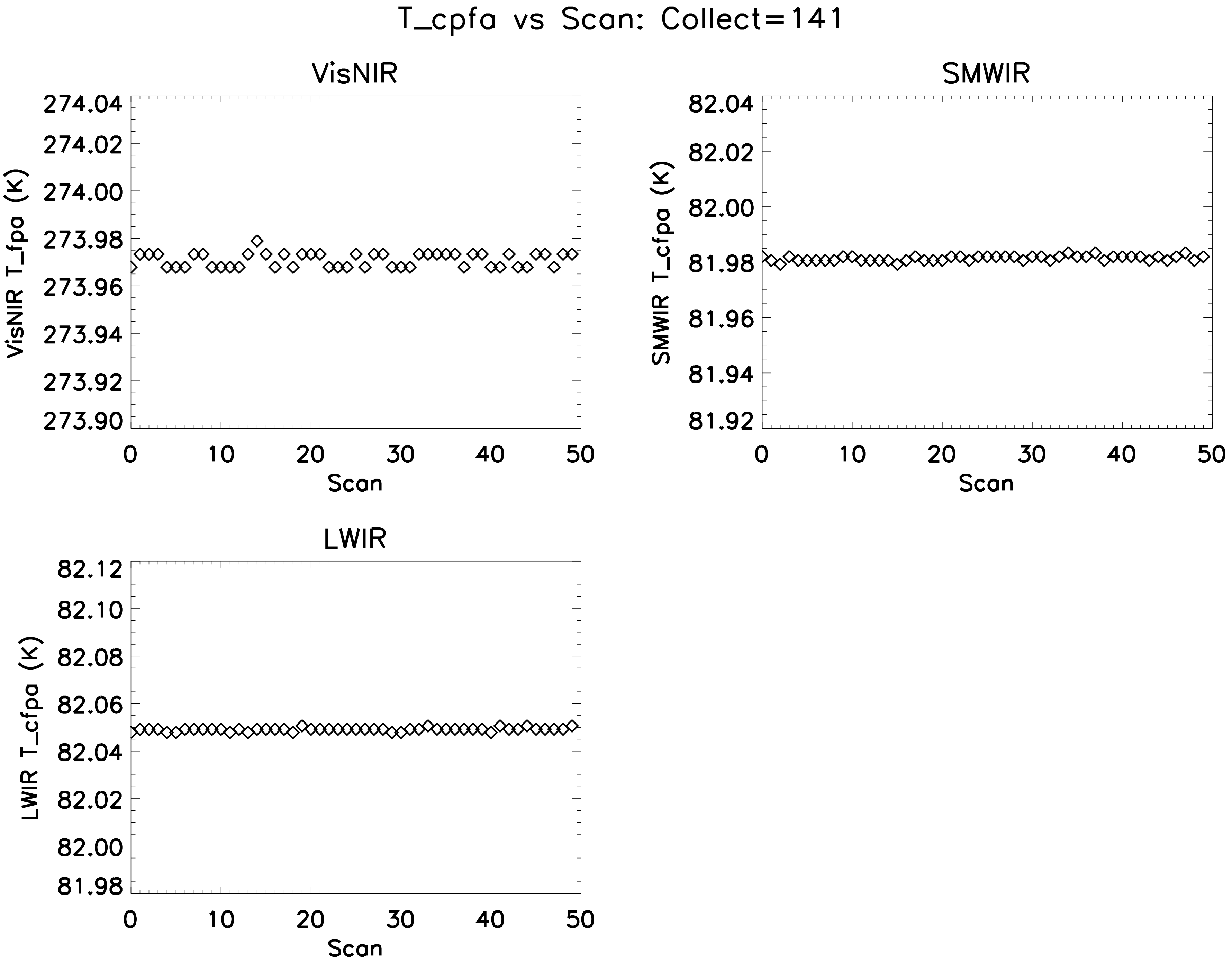


T_cpfa vs Scan: Collect=139

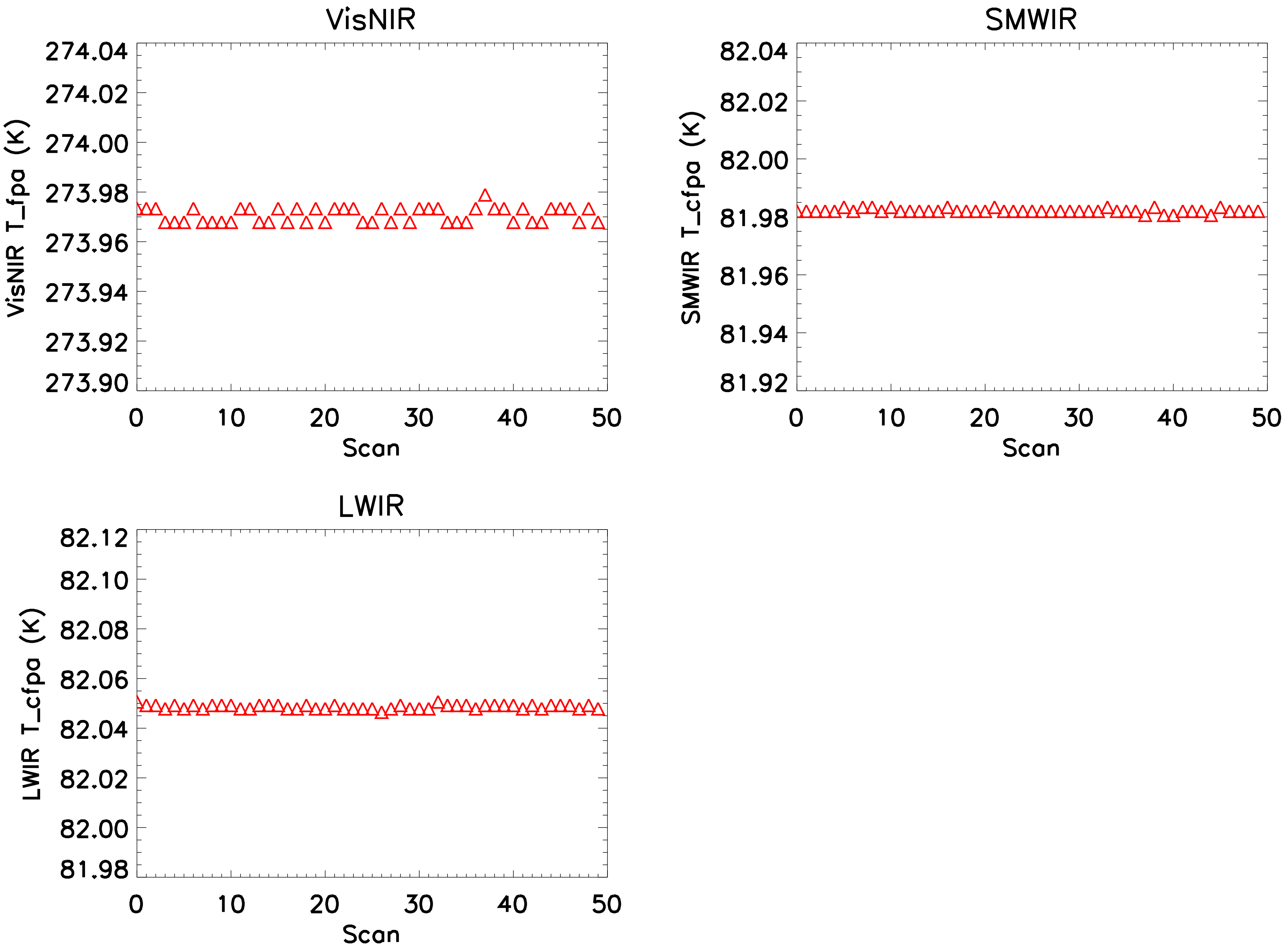


T_cpfa vs Scan: Collect=140

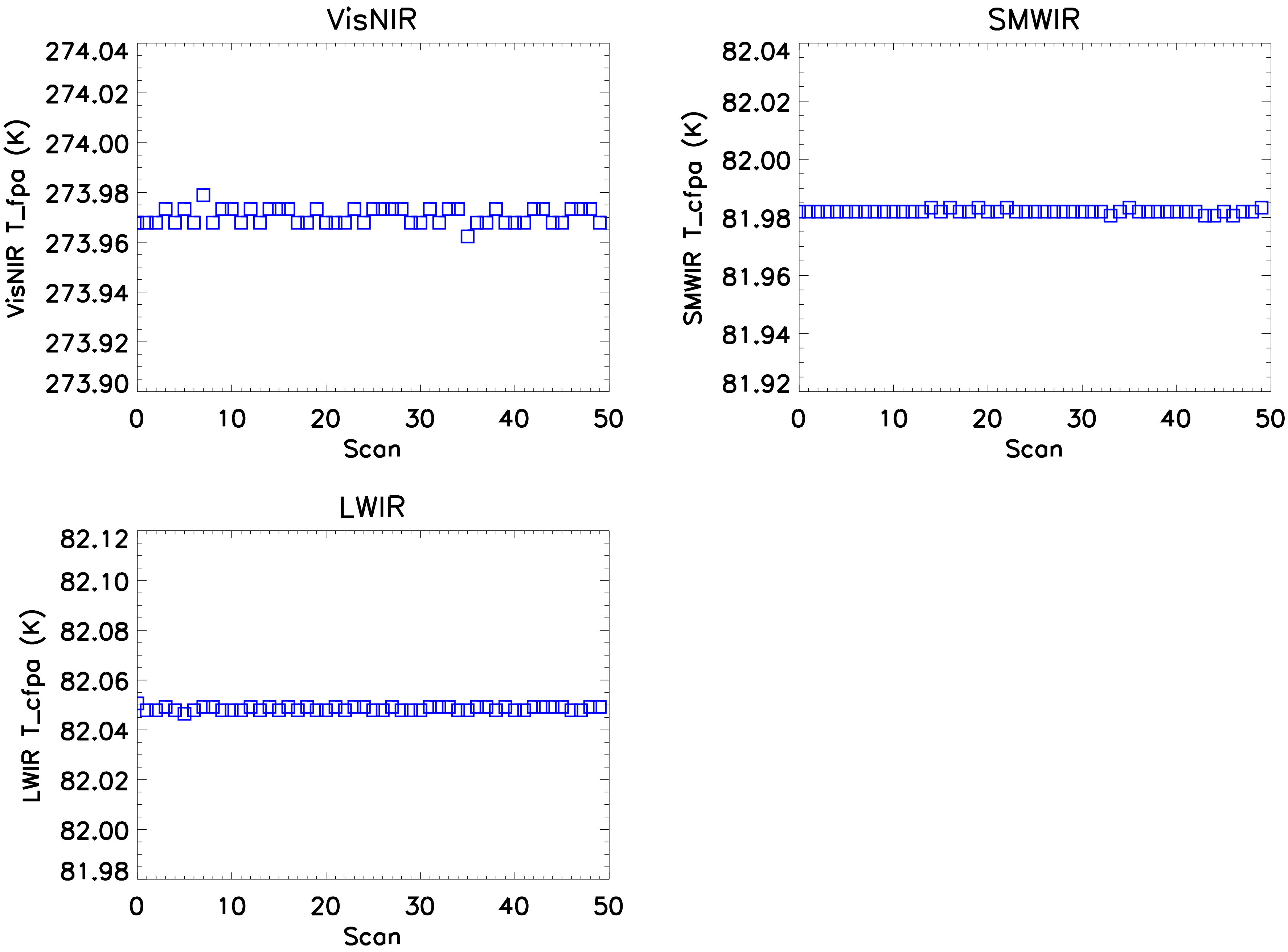


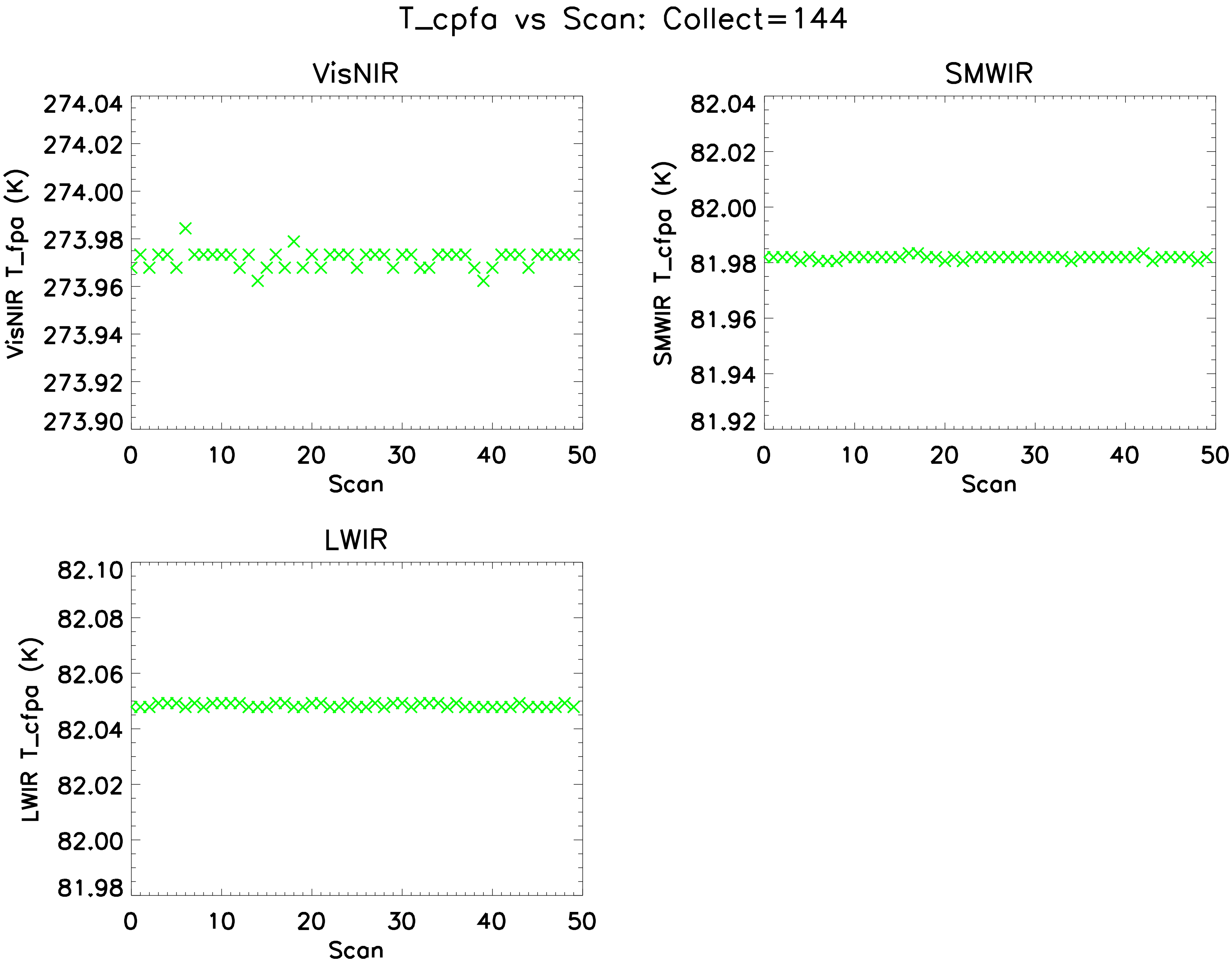

T_cpfa vs Scan: Collect=141
VisNIR
VisNIR T_fpa (K)
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

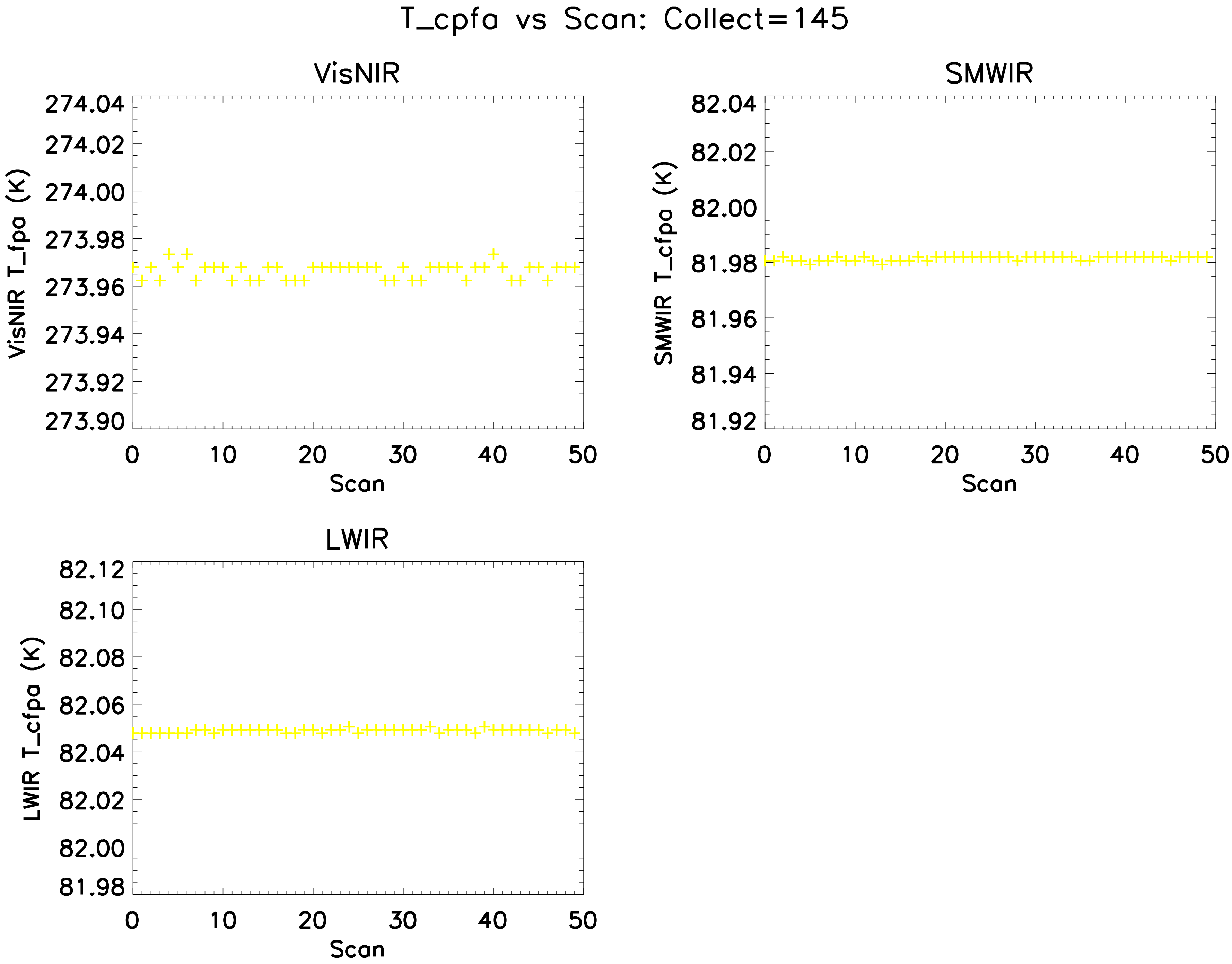
T_cpfa vs Scan: Collect=142



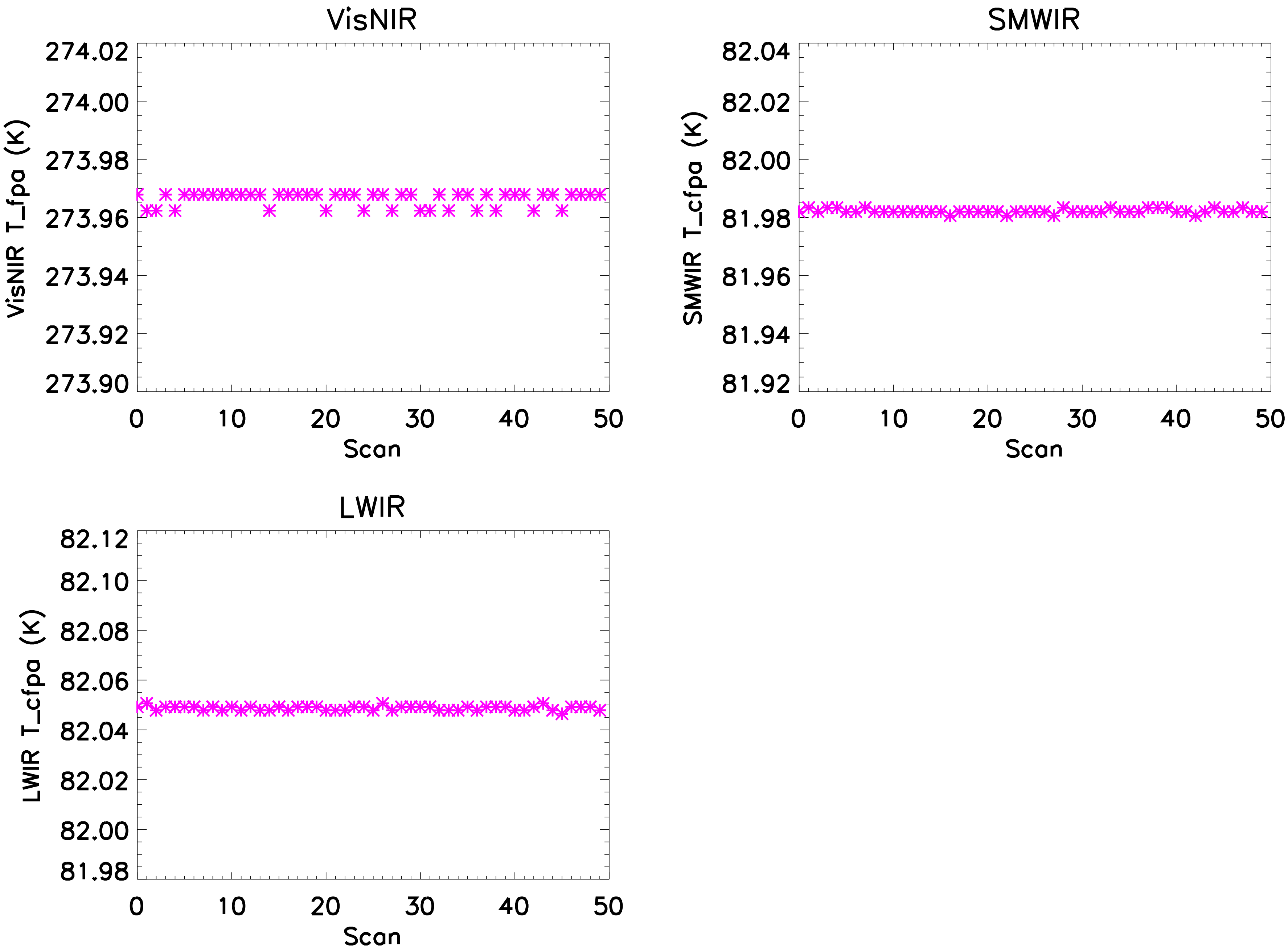
T_cpfa vs Scan: Collect=143

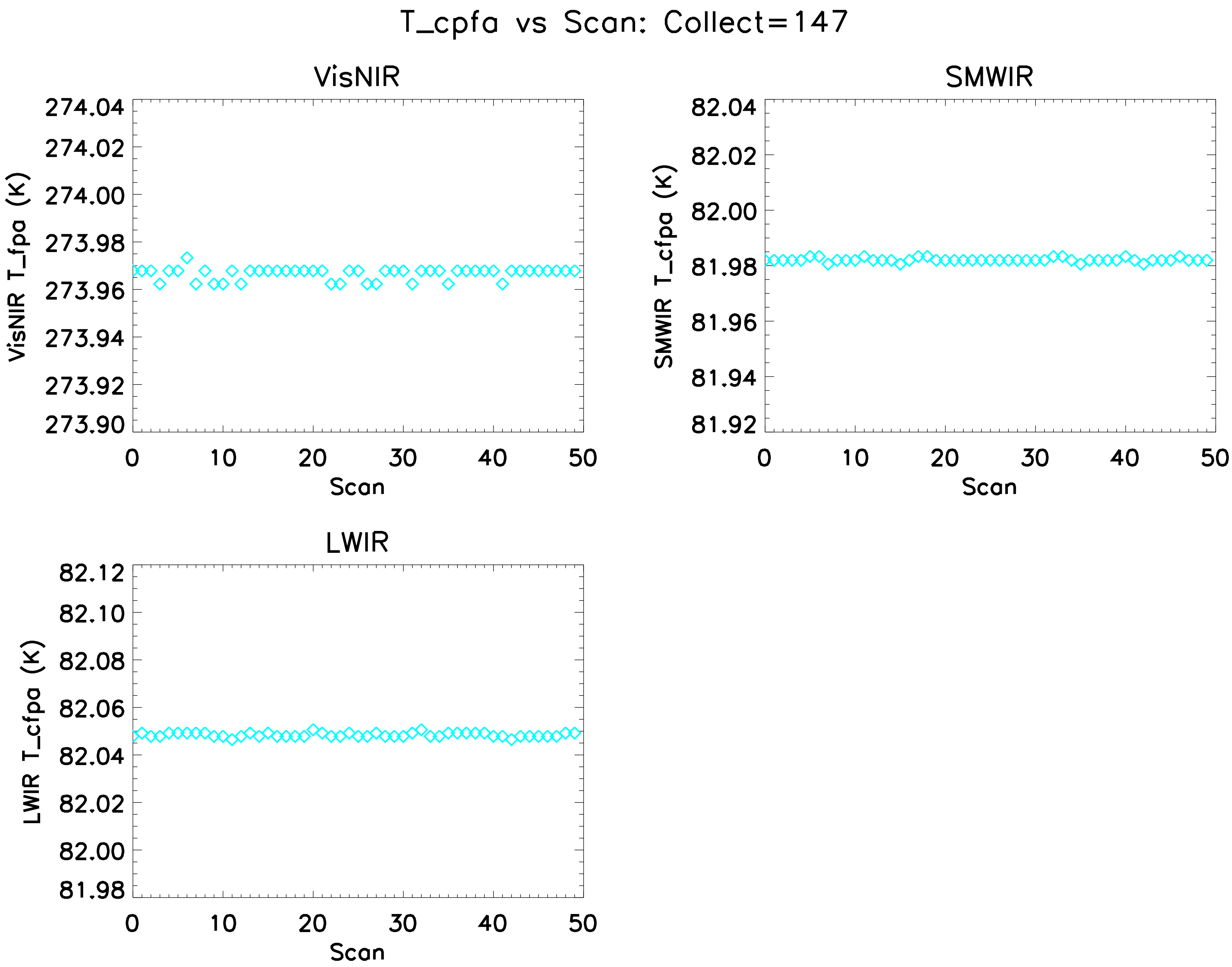



T_cpfa vs Scan: Collect=144
VisNIR
VisNIR T_fpa (K)
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

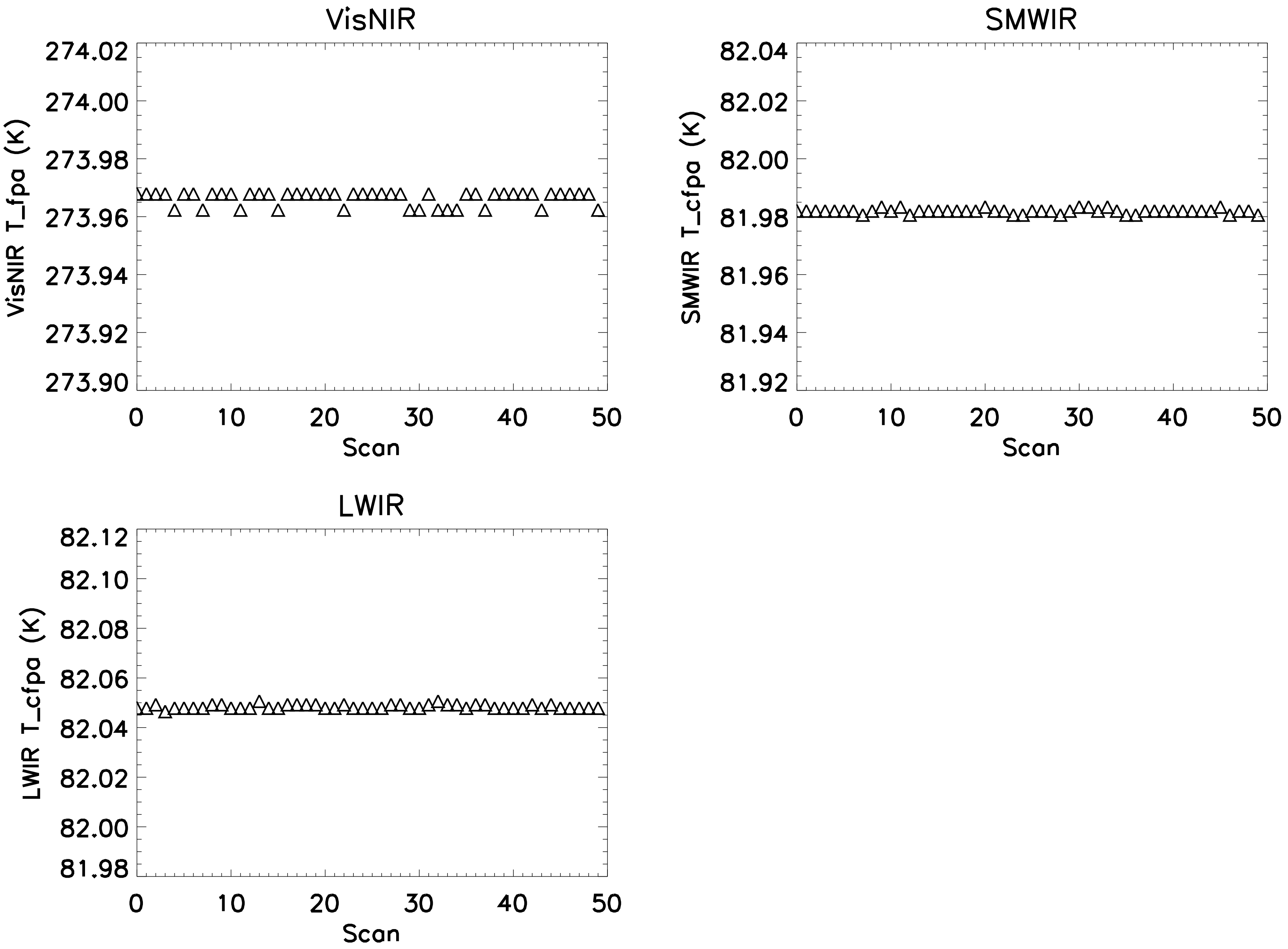

T_cpfa vs Scan: Collect=145
VisNIR
VisNIR T_fpa (K)
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

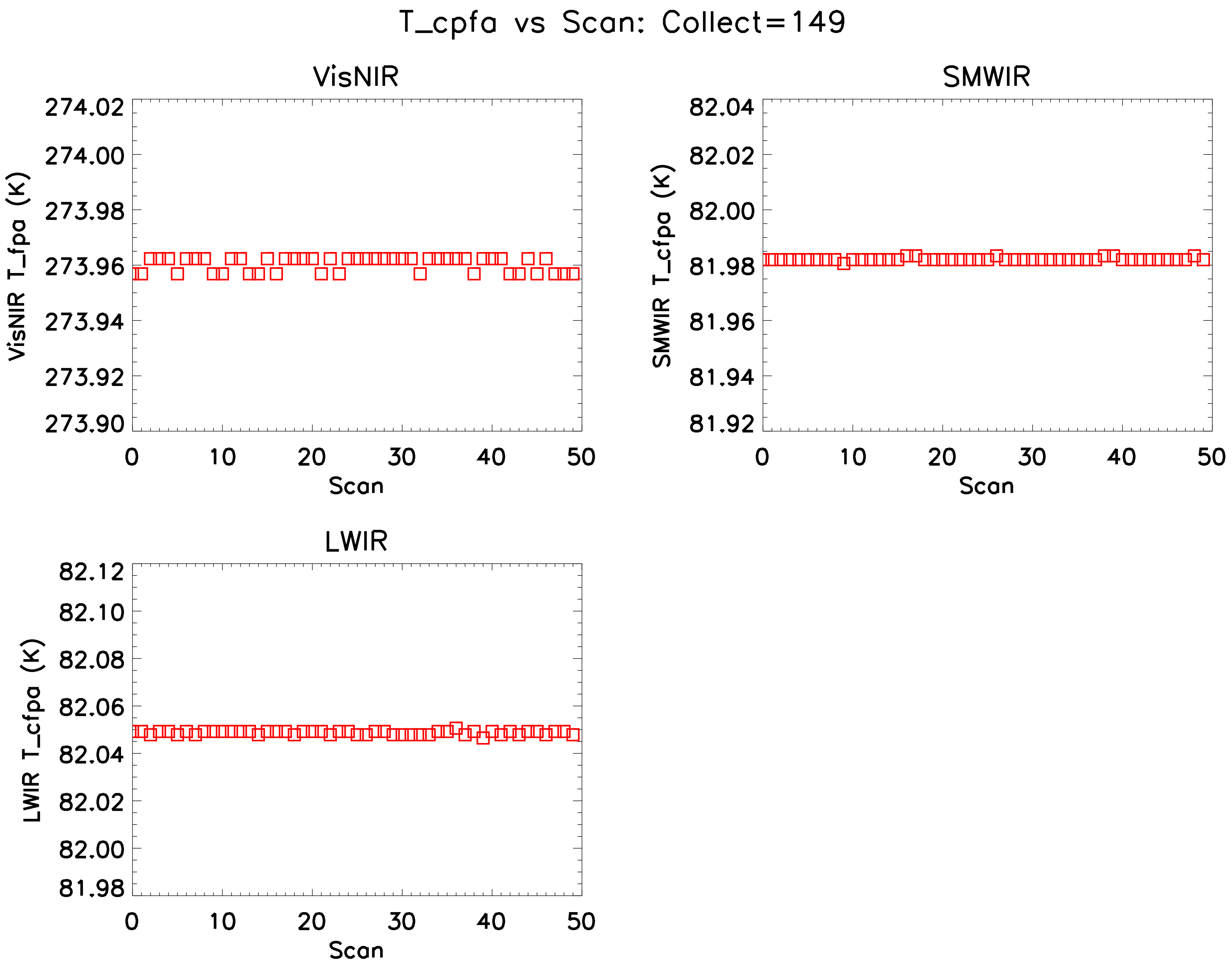
T_cpfa vs Scan: Collect=146

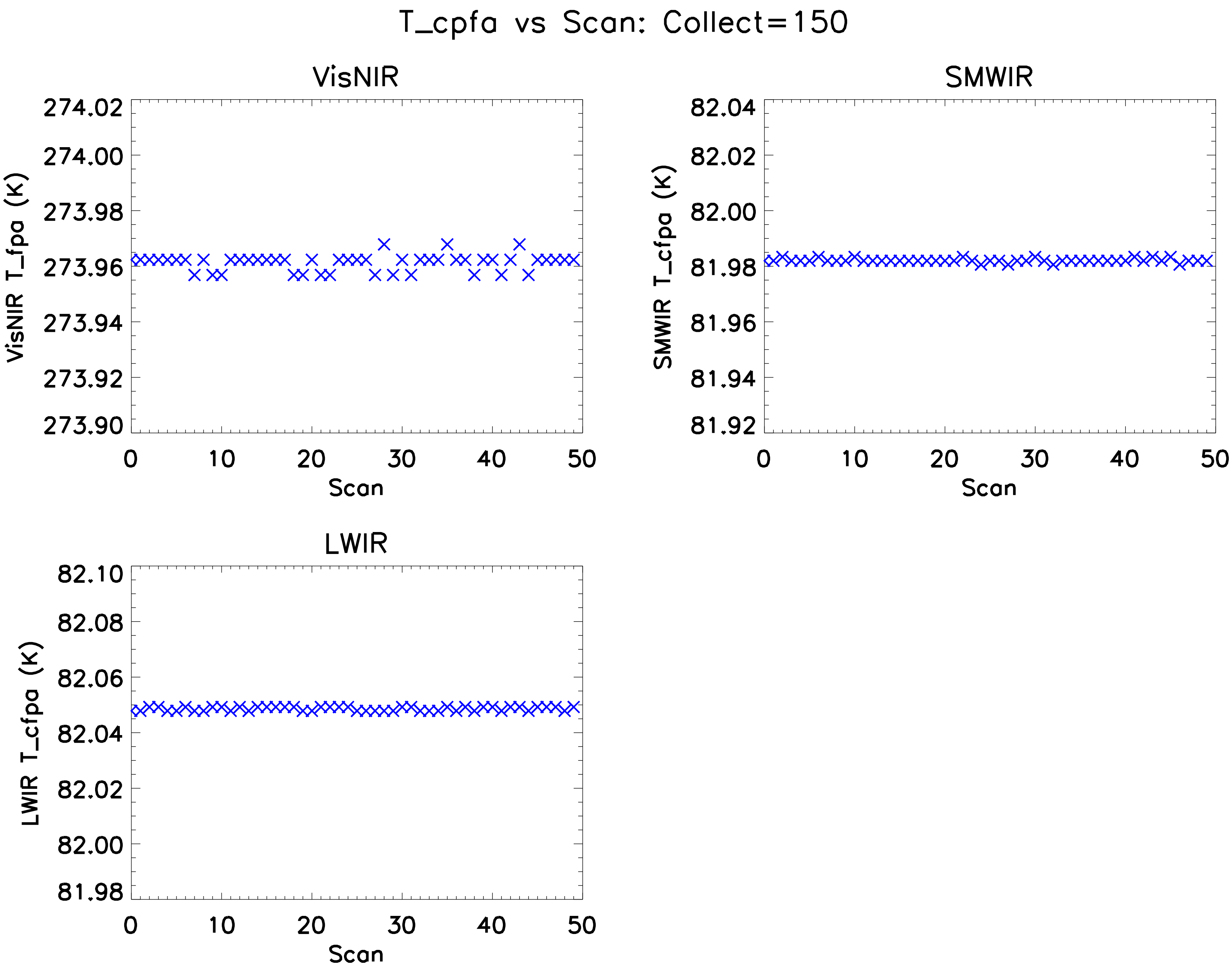



T_cpfa vs Scan: Collect=147
VisNIR
VisNIR T_fpa (K)
274.04
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

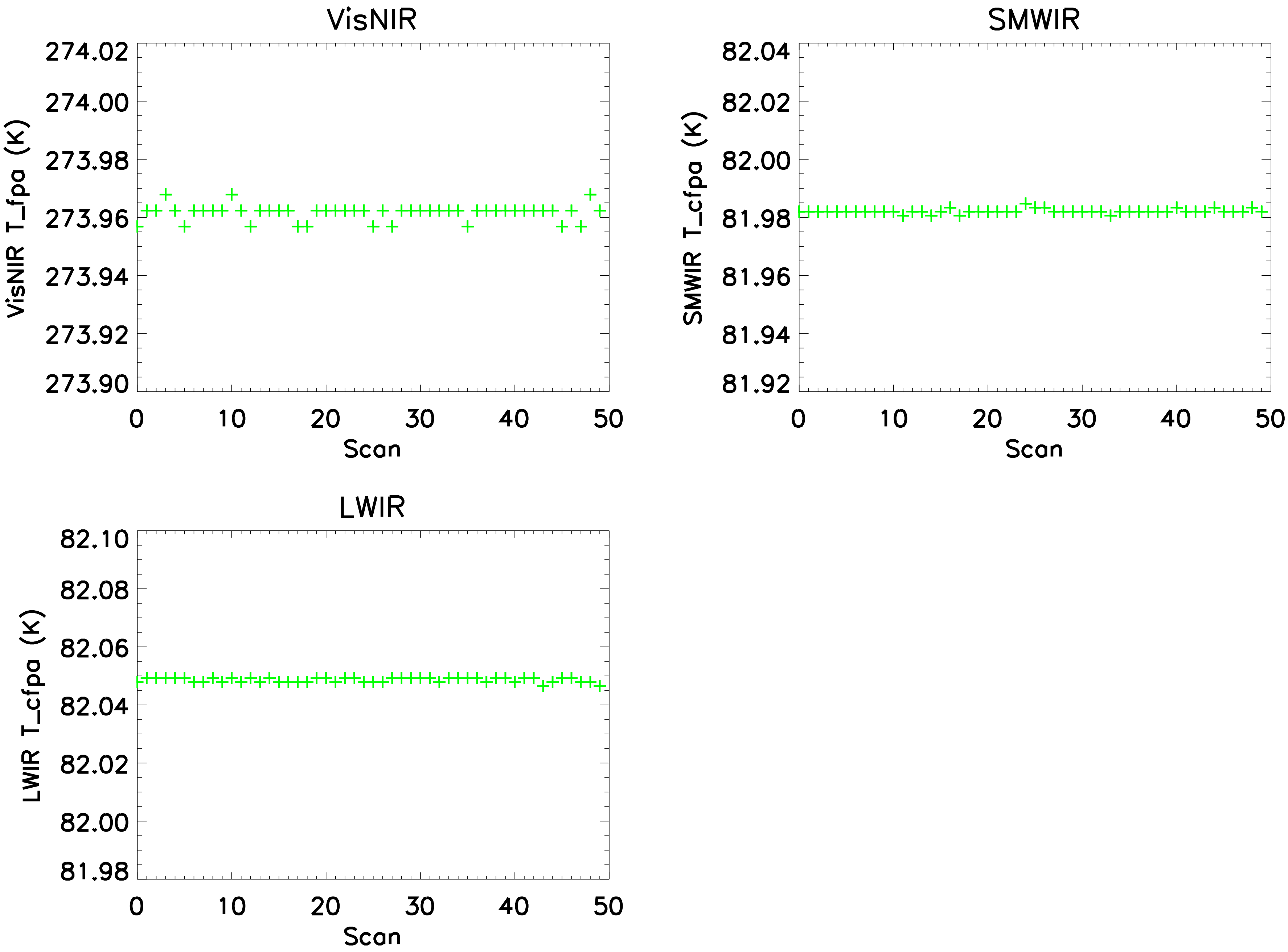
T_cpfa vs Scan: Collect=148

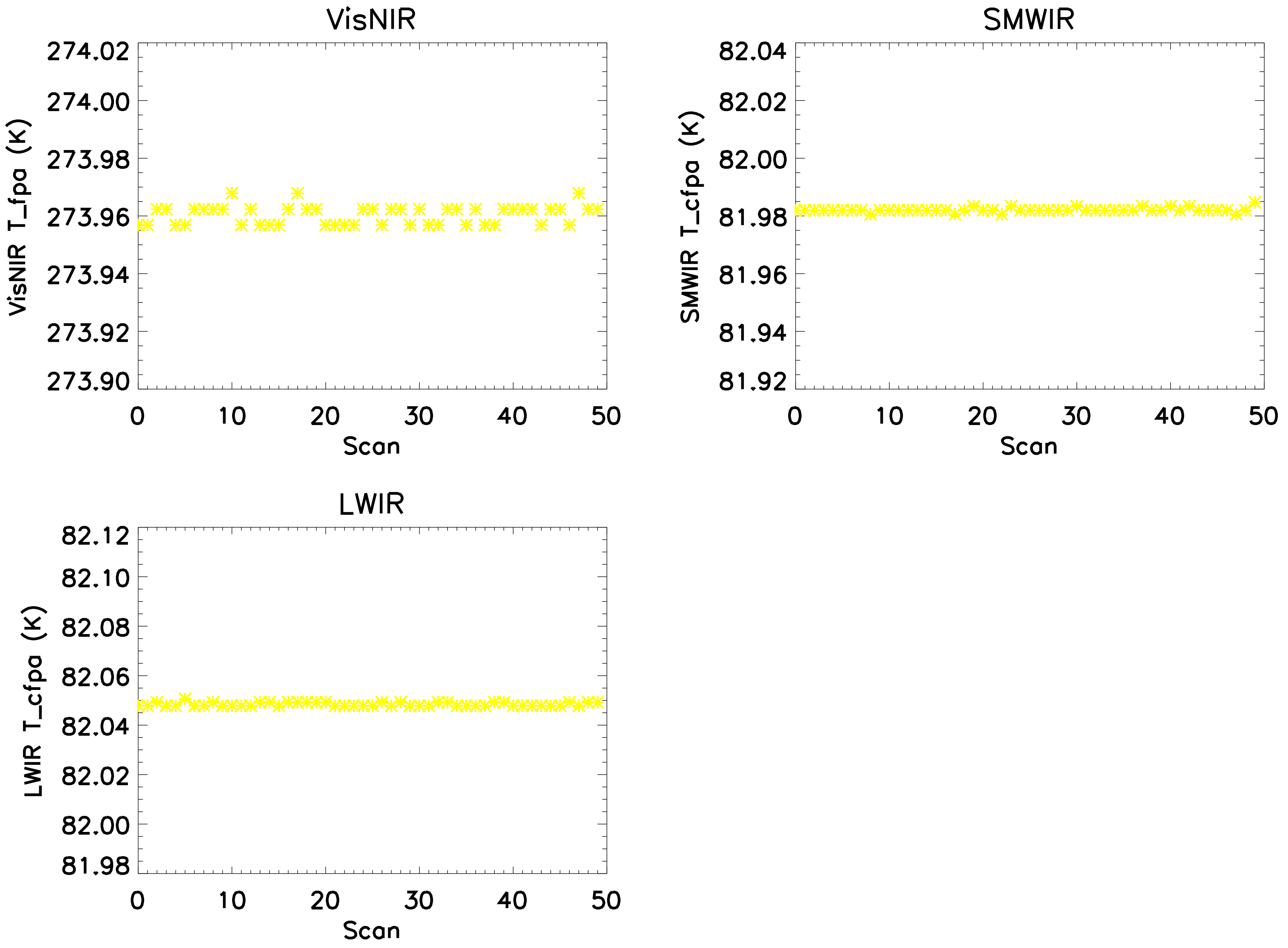



T_cpfa vs Scan: Collect=149
VisNIR
VisNIR T_fpa (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=150
VisNIR
VisNIR T_fpa (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
Scan
0
10
20
30
40
50
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
Scan
0
10
20
30
40
50
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
Scan
0
10
20
30
40
50

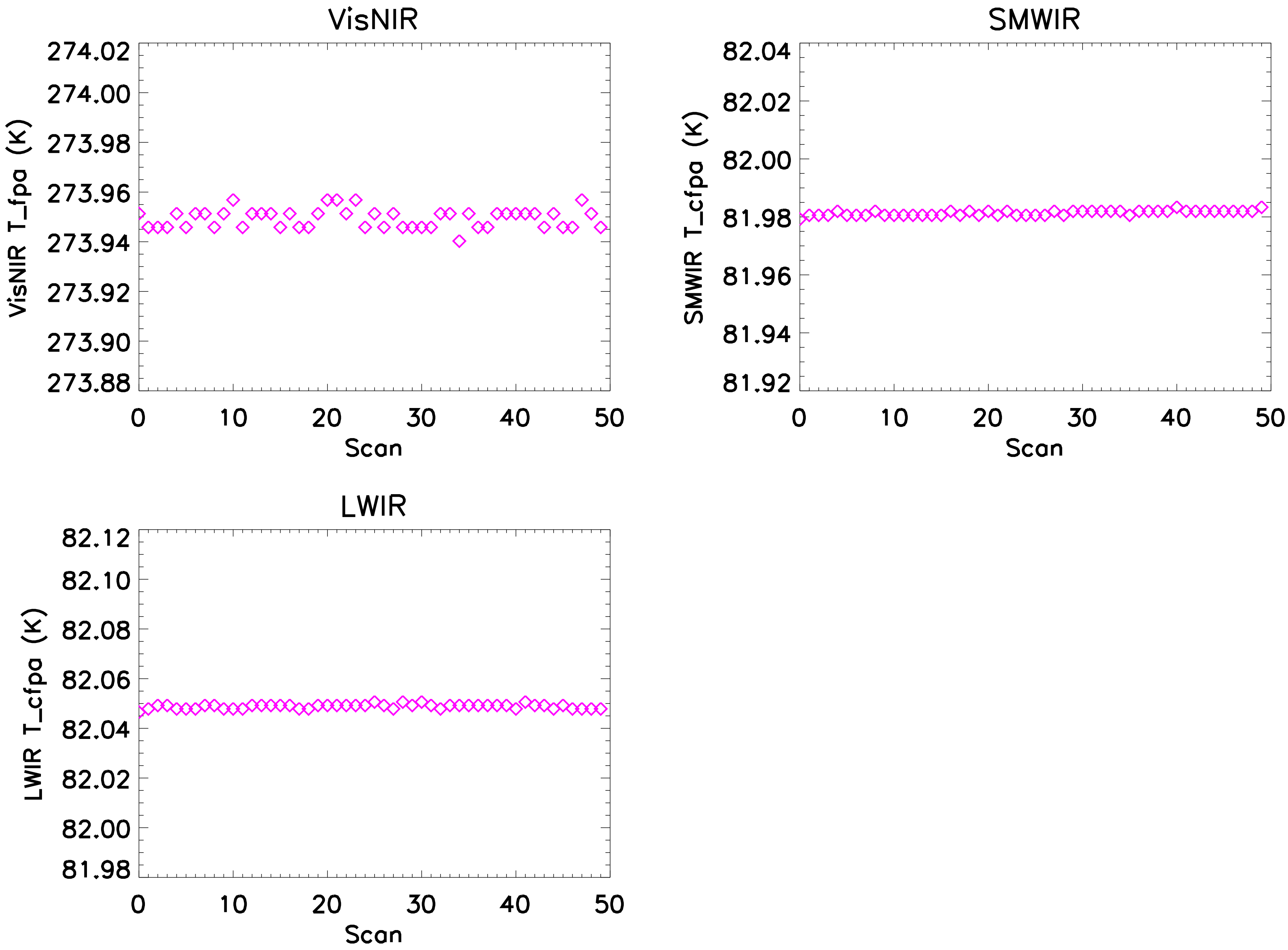
T_cpfa vs Scan: Collect=151

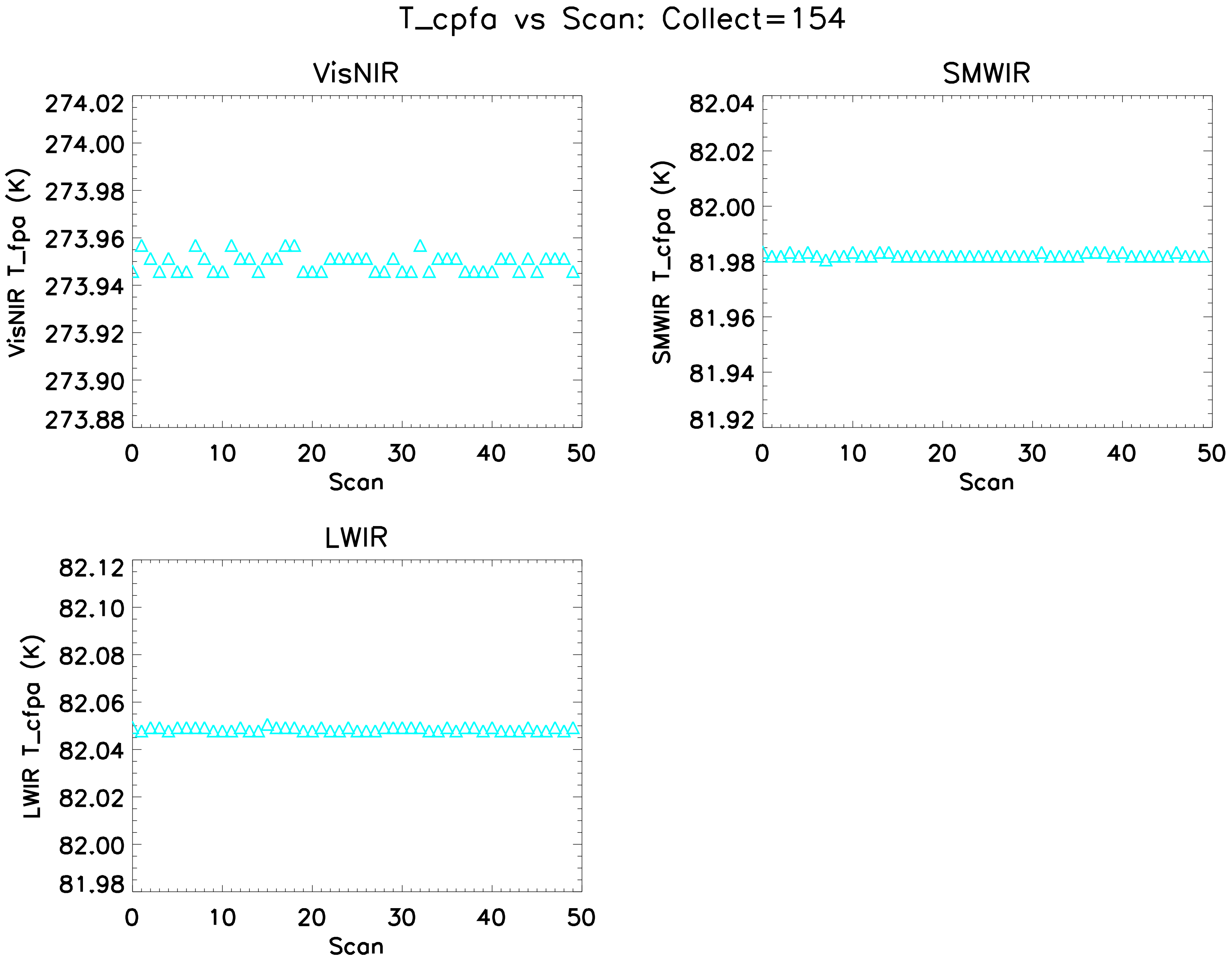


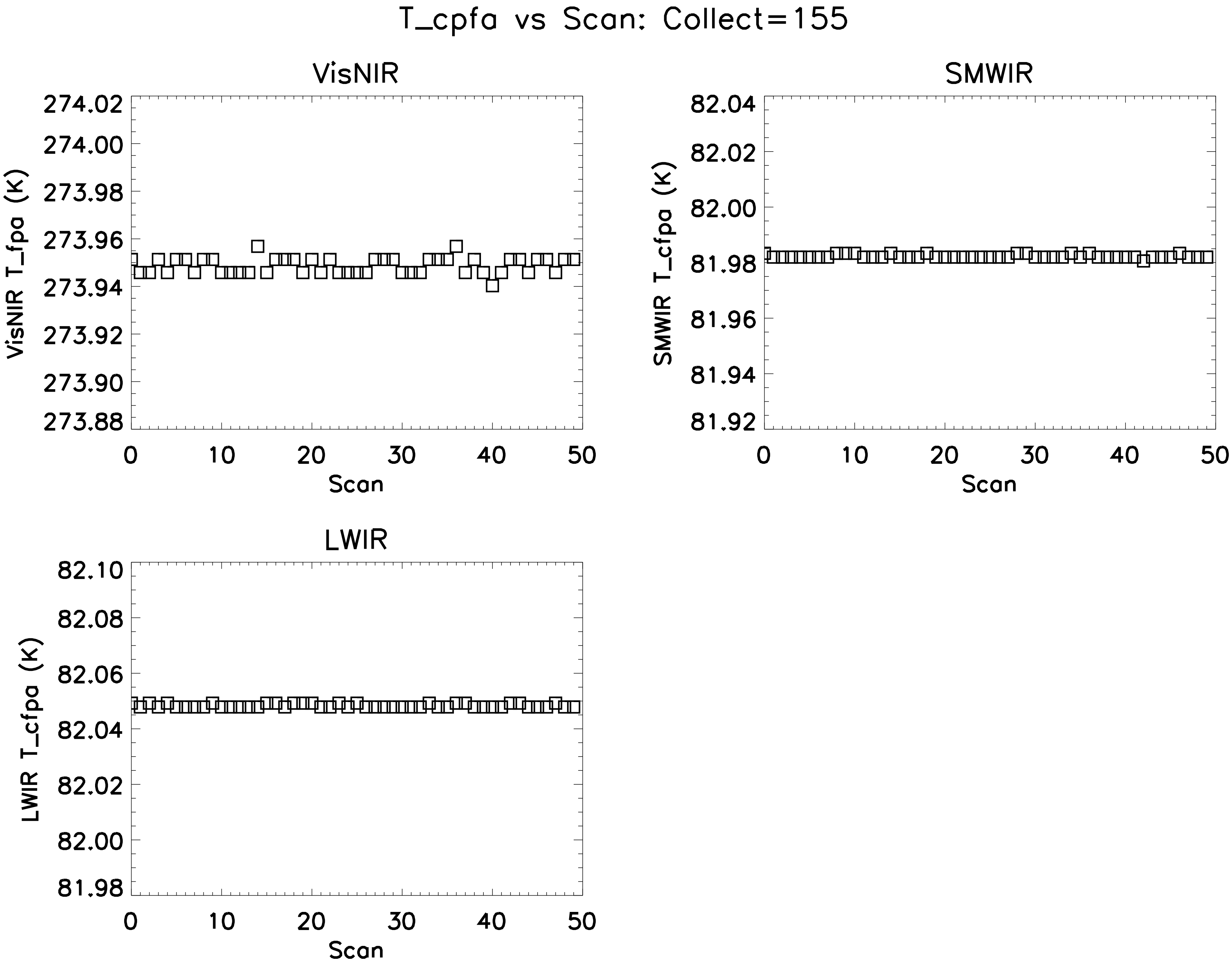


T_cpfa vs Scan: Collect=152

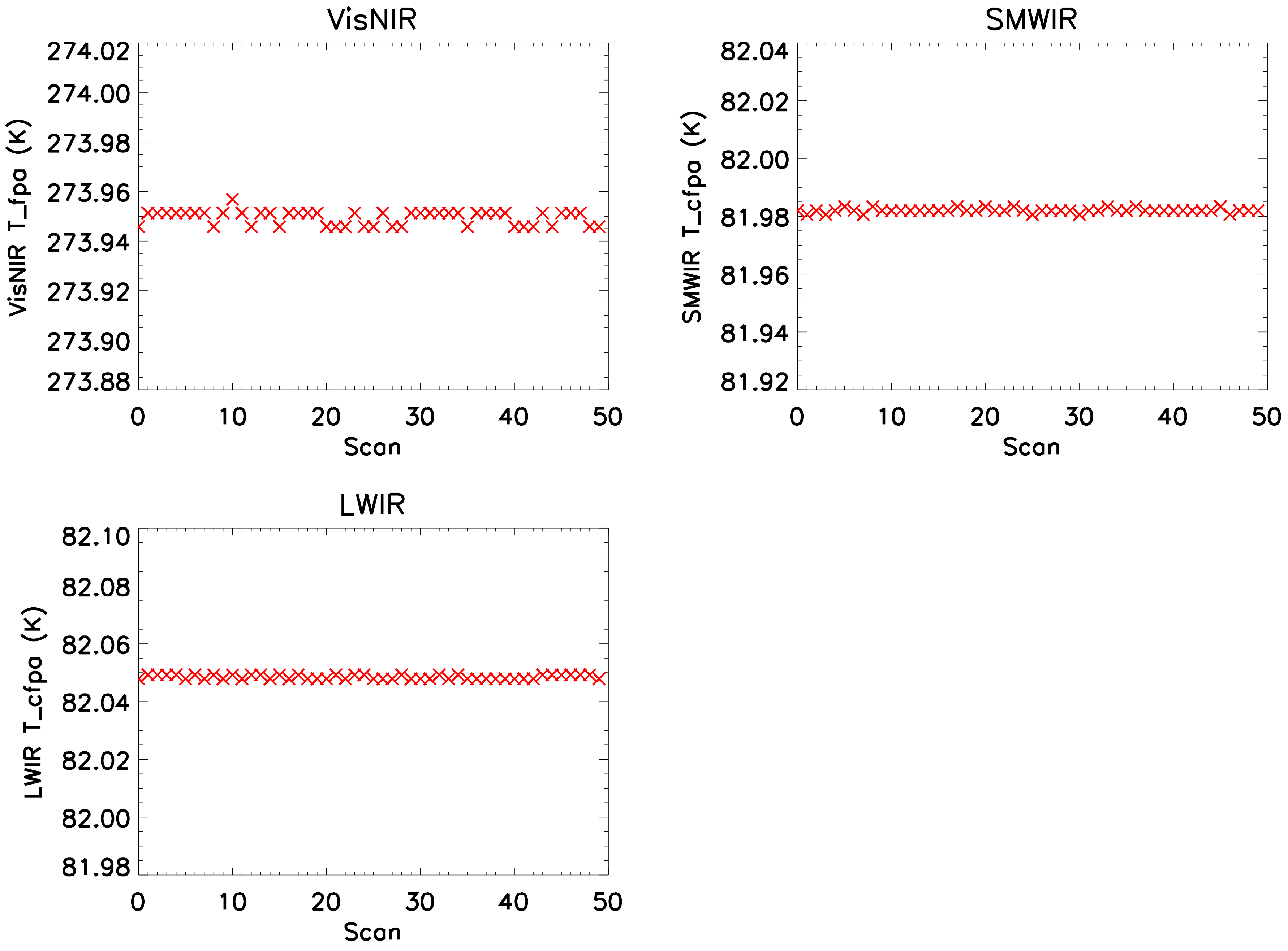
T_cpfa vs Scan: Collect=153



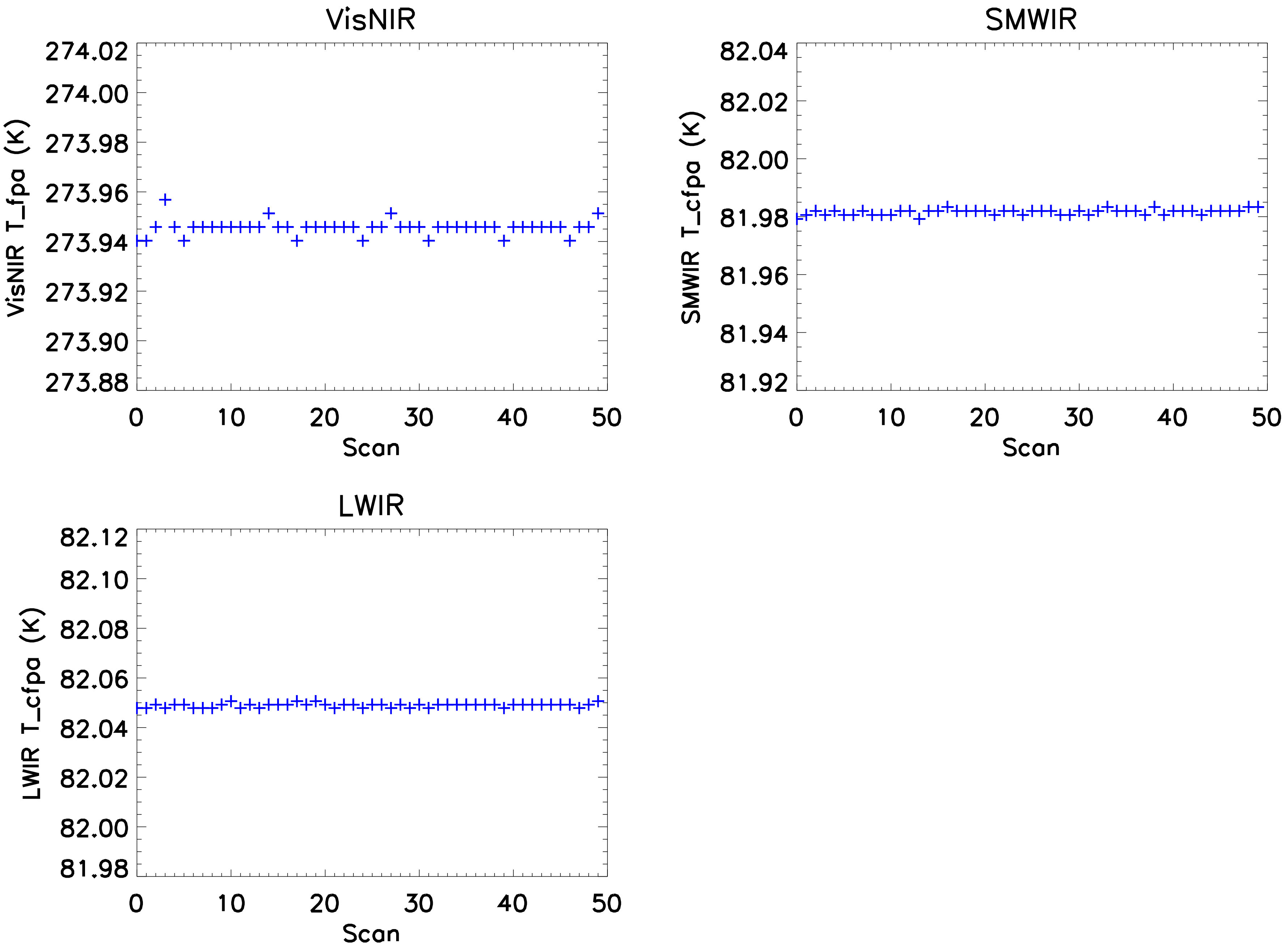

T_cpfa vs Scan: Collect=154
VisNIR
VisNIR T_fpa (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=155
VisNIR
VisNIR T_fpa (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

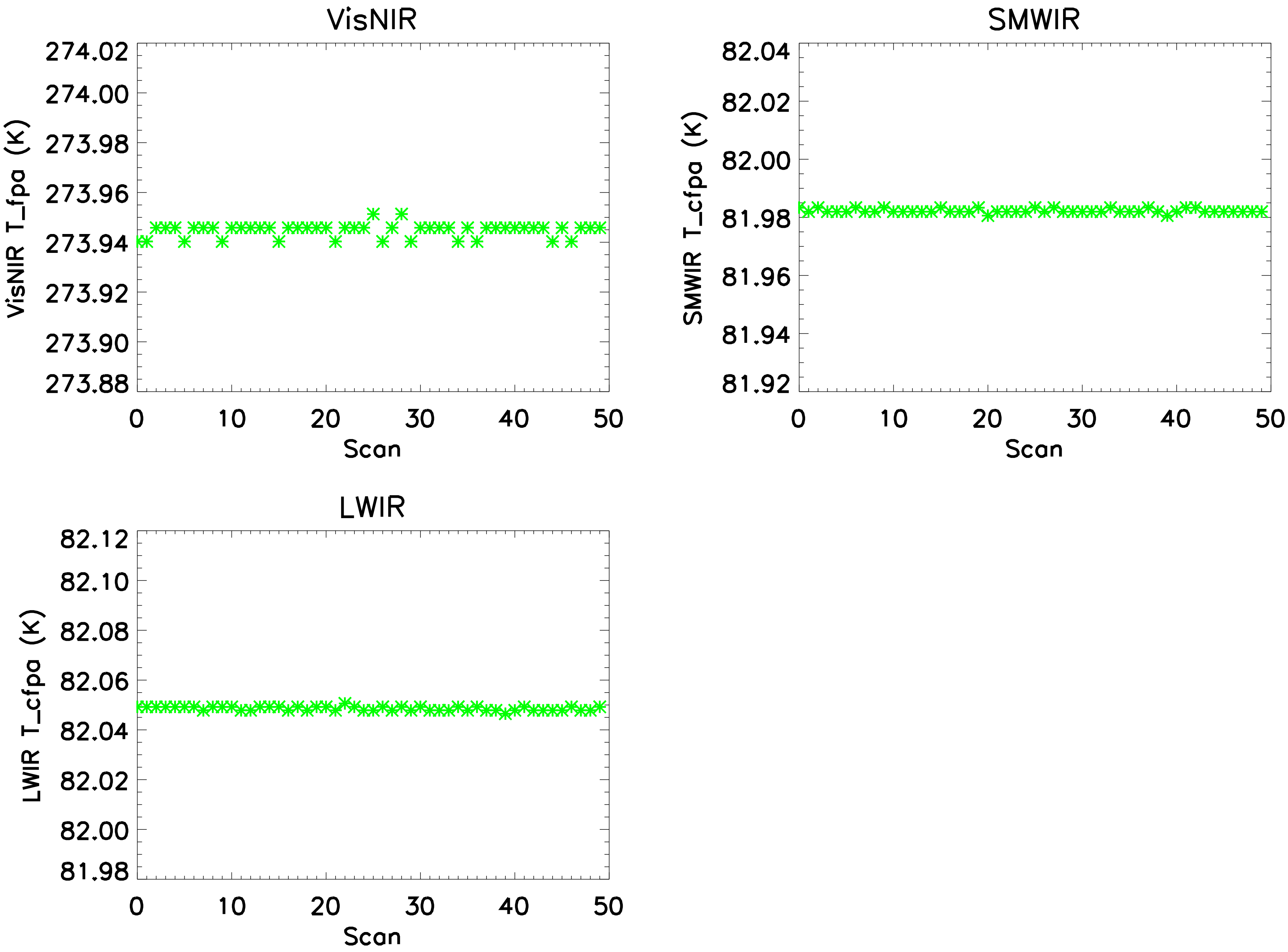
T_cpfa vs Scan: Collect=156



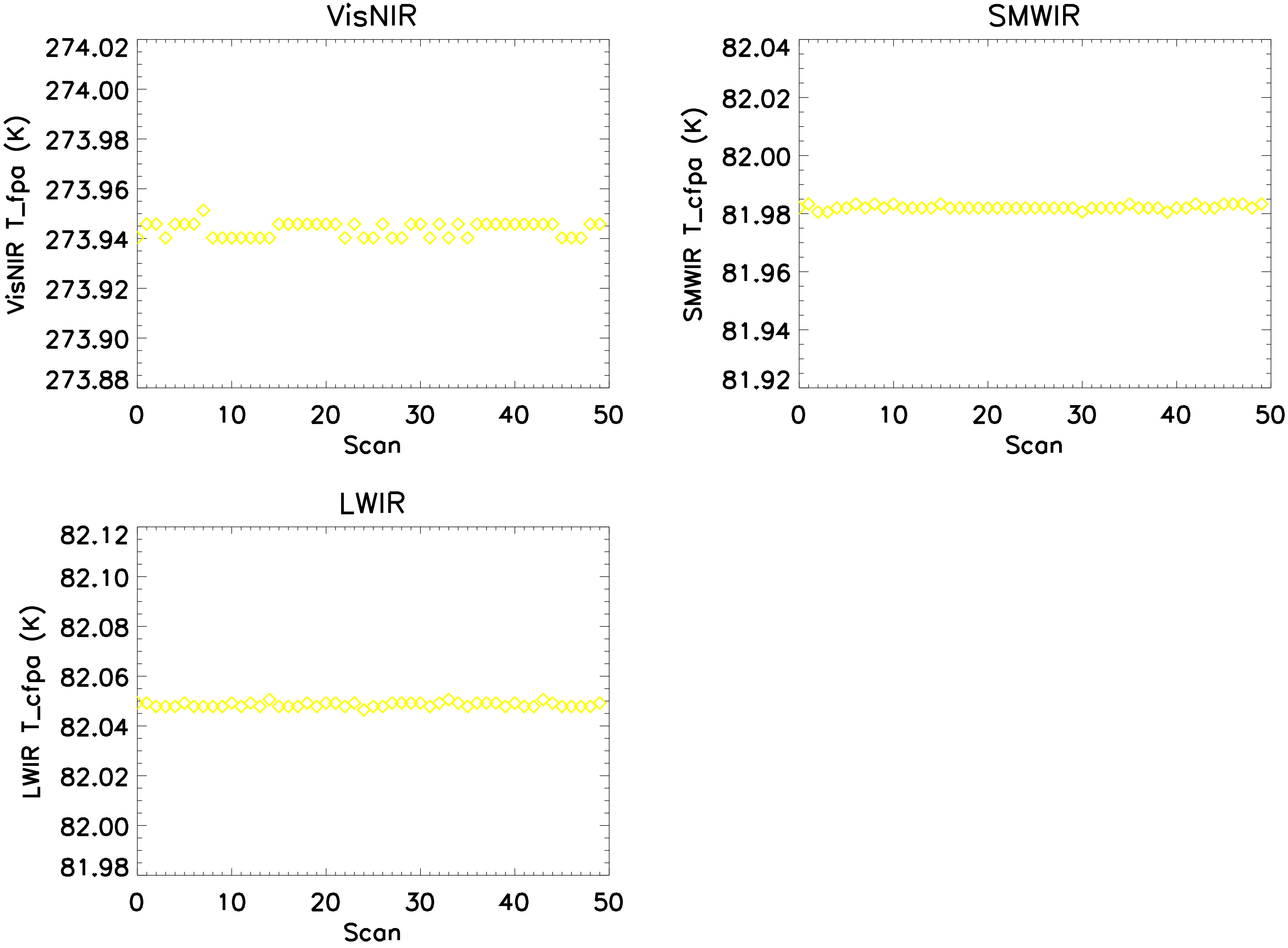
T_cpfa vs Scan: Collect=157



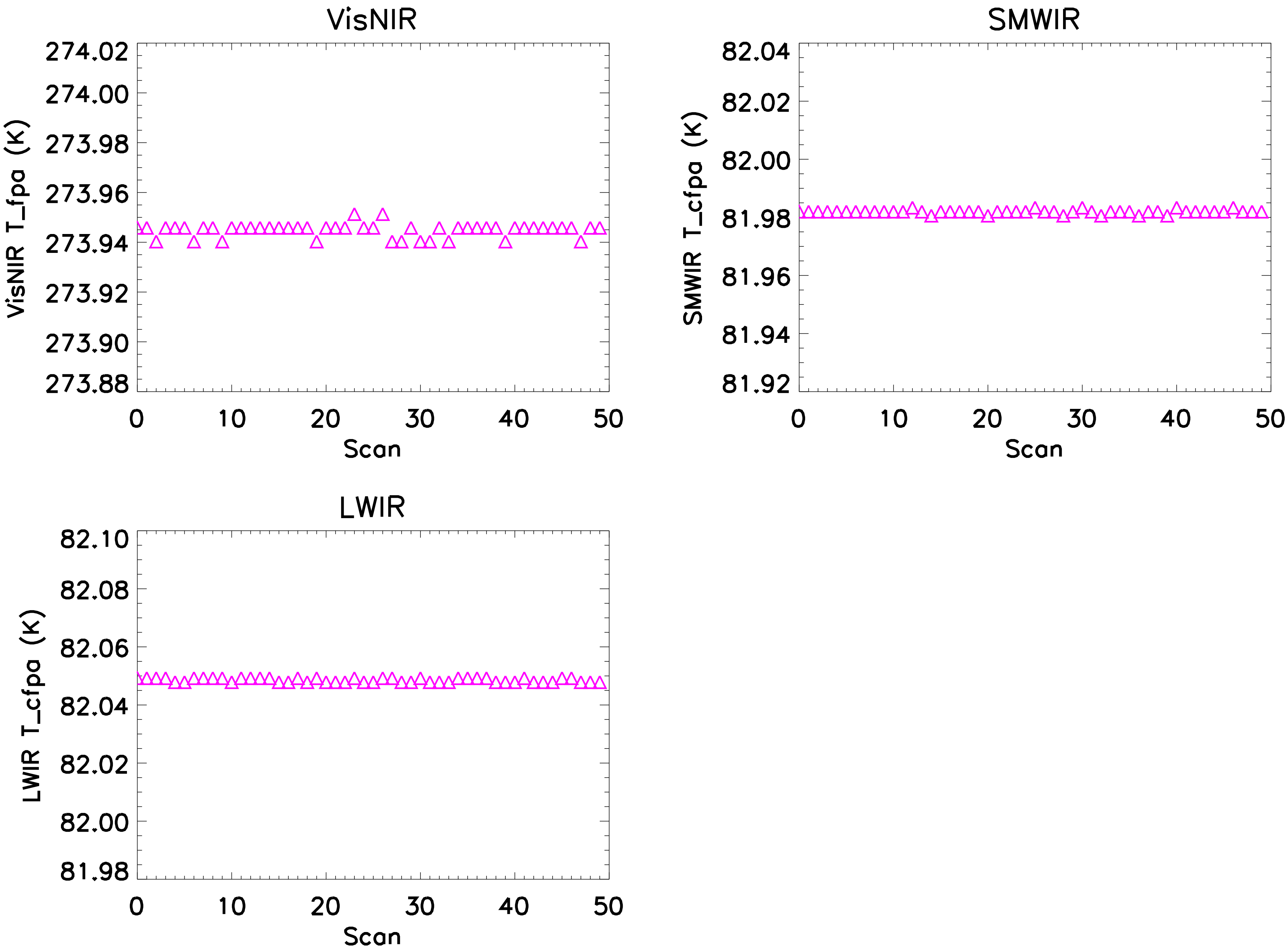
T_cpfa vs Scan: Collect=158



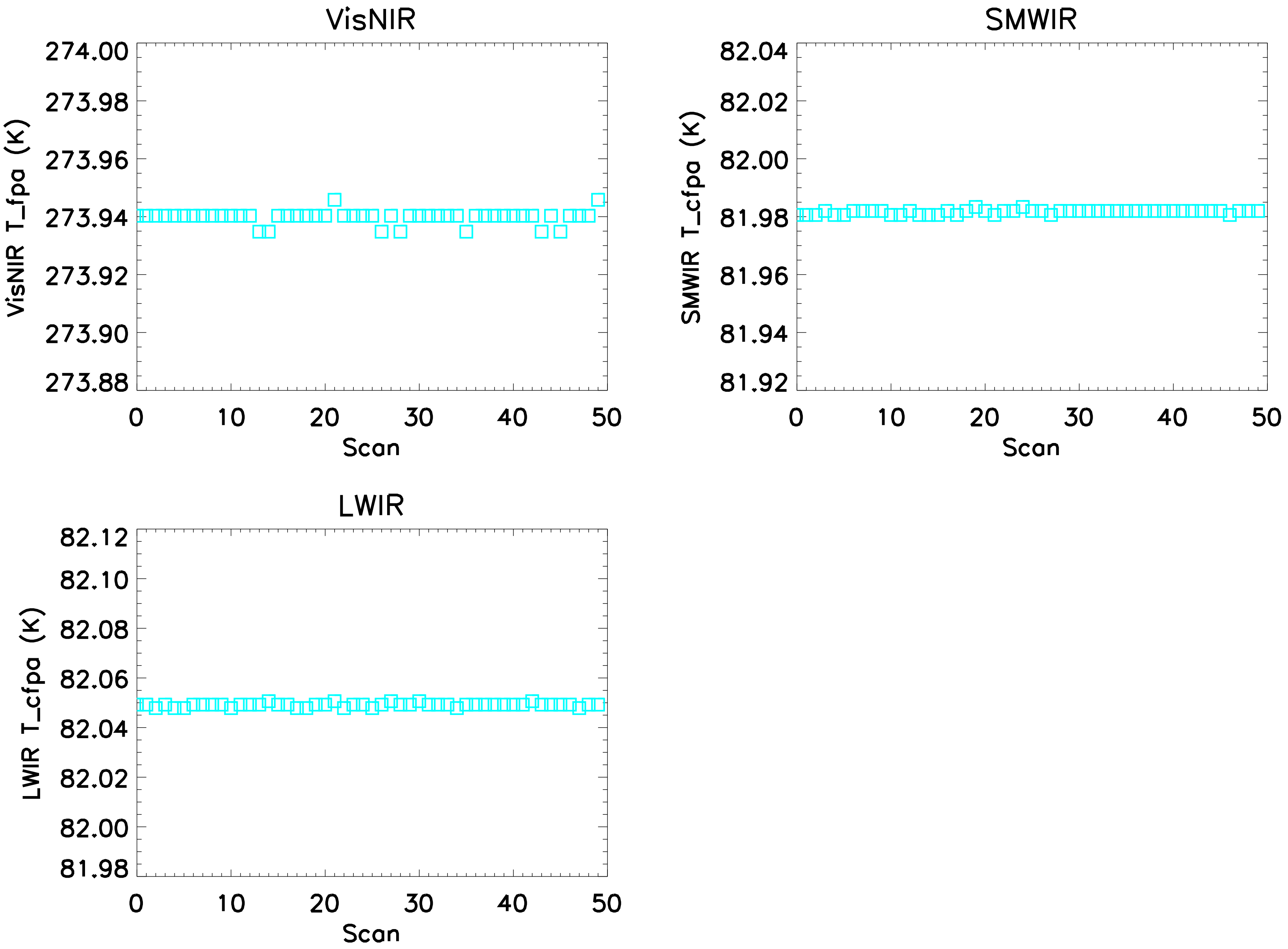
T_cpfa vs Scan: Collect=159



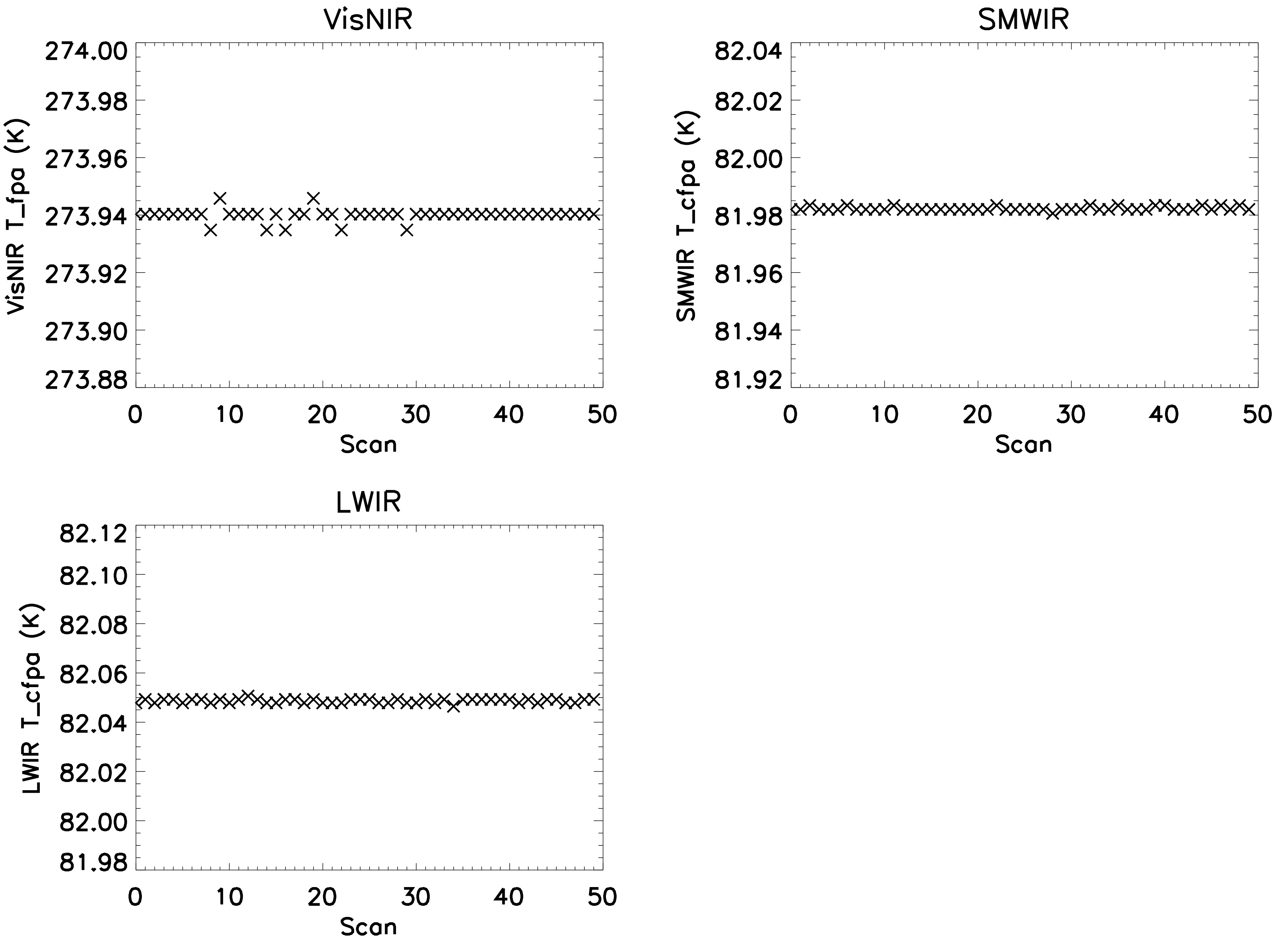
T_cpfa vs Scan: Collect=160

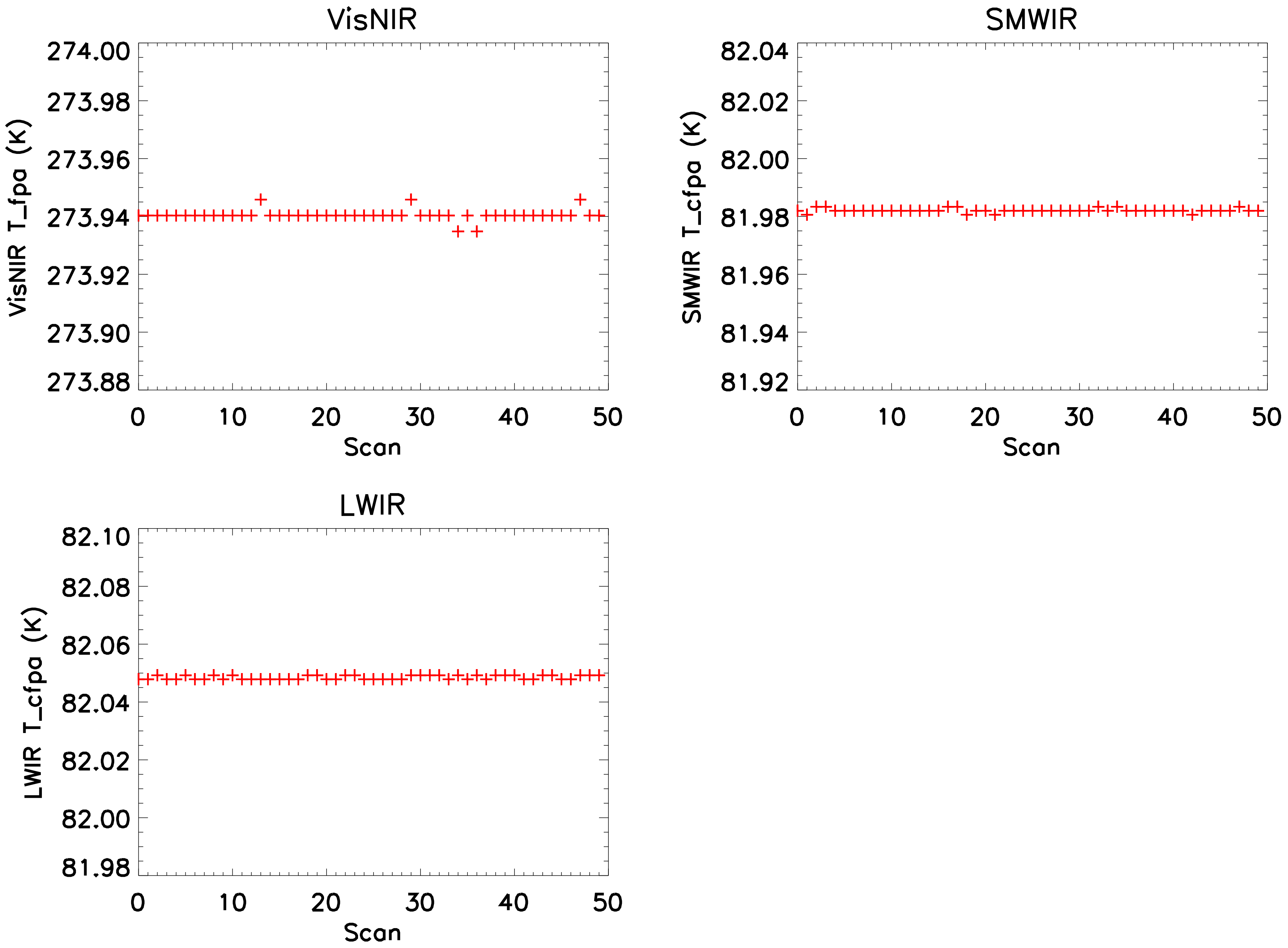


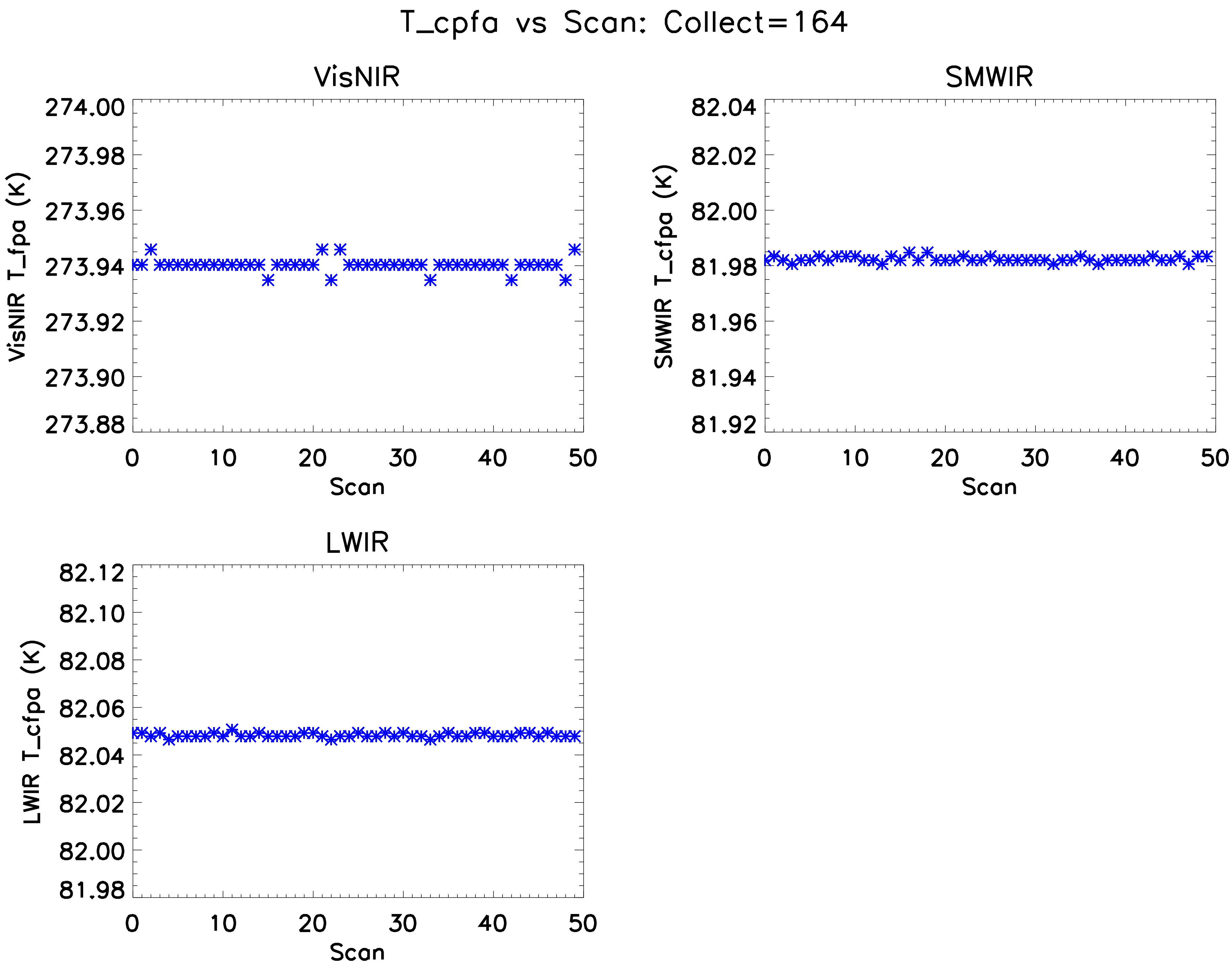
T_cpfa vs Scan: Collect=161

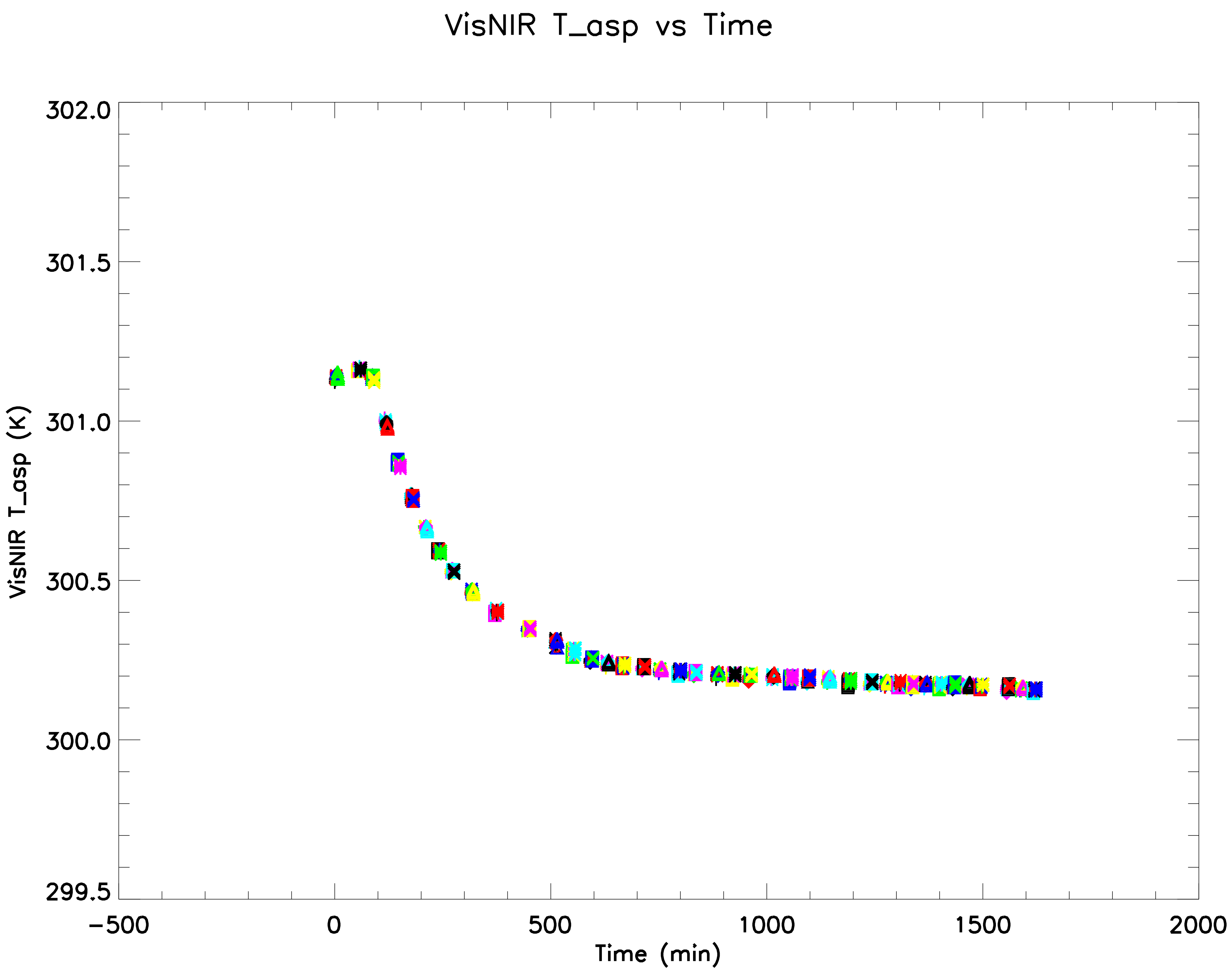


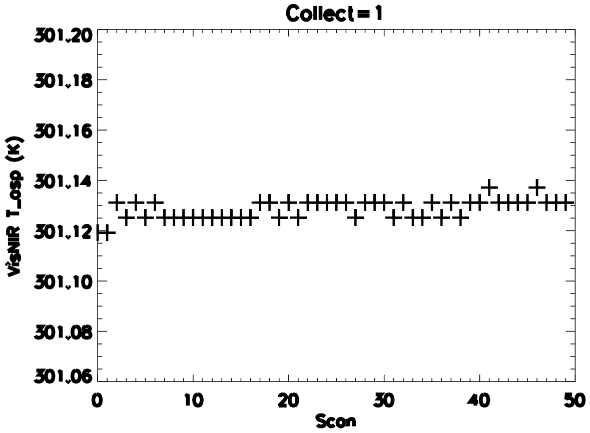
T_cpfa vs Scan: Collect=162

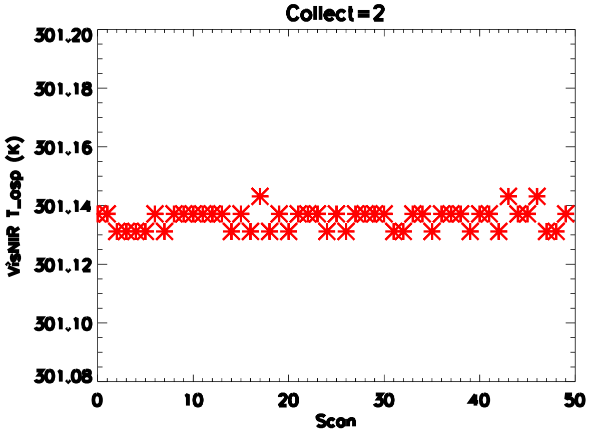


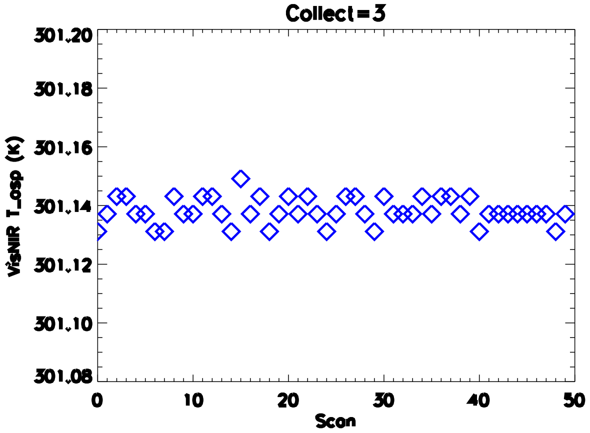

T_cpfa vs Scan: Collect=163

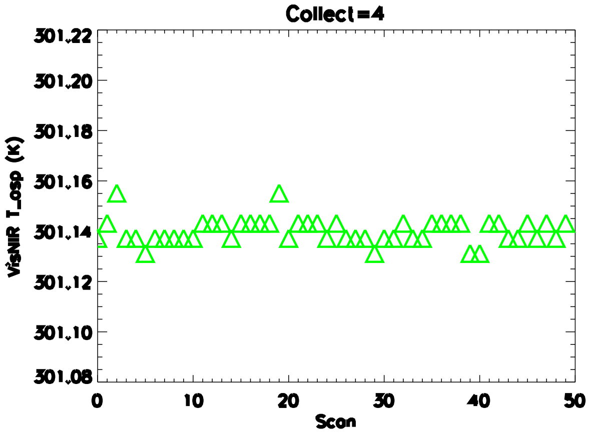

T_cpfa vs Scan: Collect=164
VisNIR
VisNIR T_fpa (K)
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.04
82.02
82.00
81.98
81.96
81.94
81.92
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.12
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

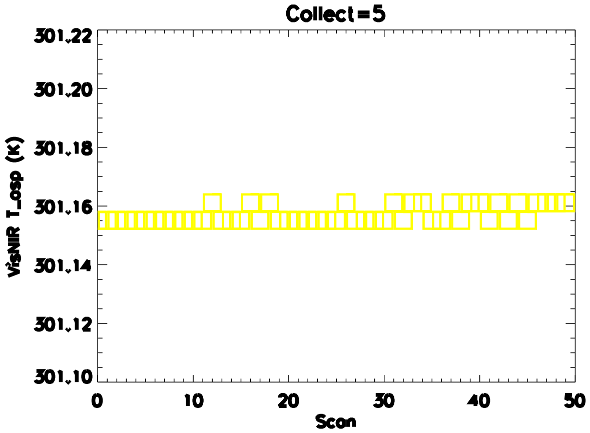

VisNIR T_asp vs Time
VisNIR T_asp (K)
302.0
301.5
301.0
300.5
300.0
299.5
−500
0
500
1000
1500
2000
Time (min)

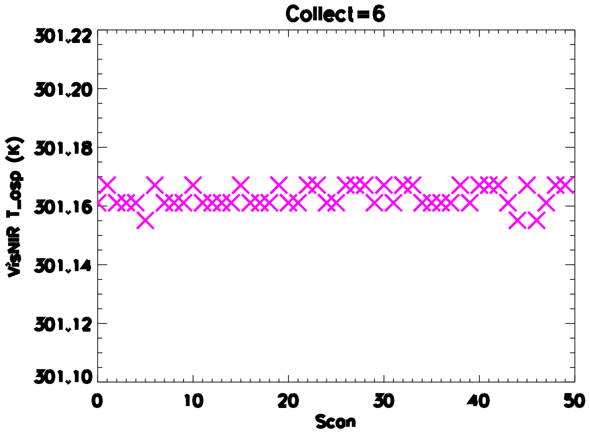

Collect=1

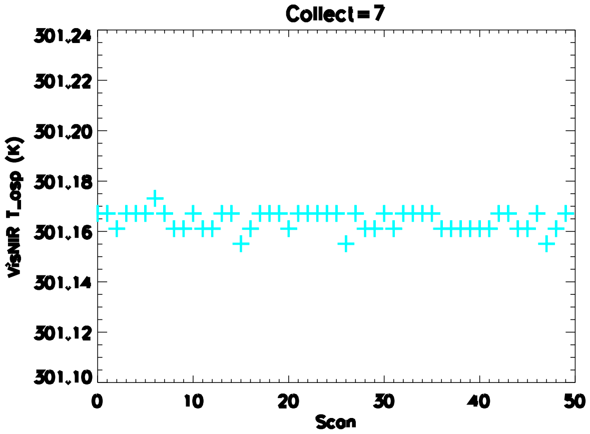

Collect=2

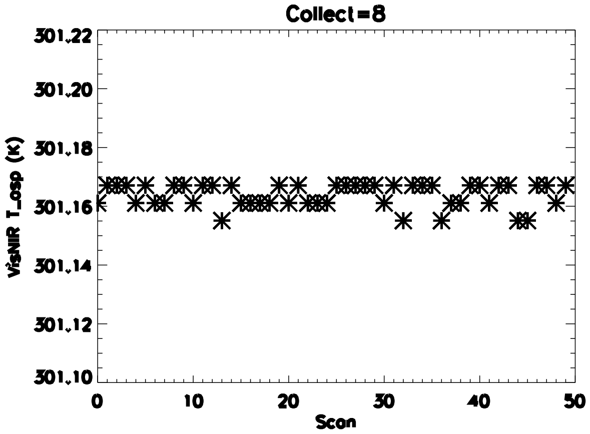

Collect=3

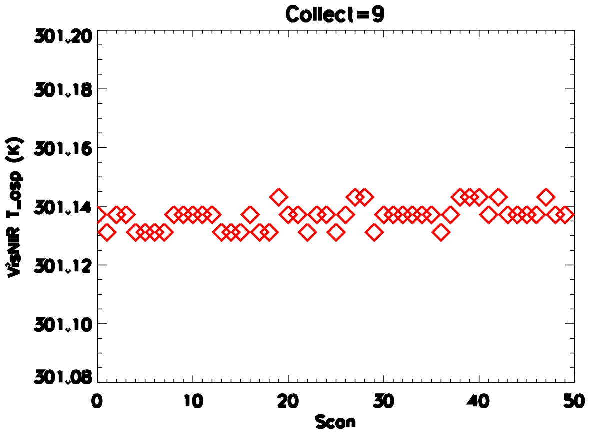

Collect=4

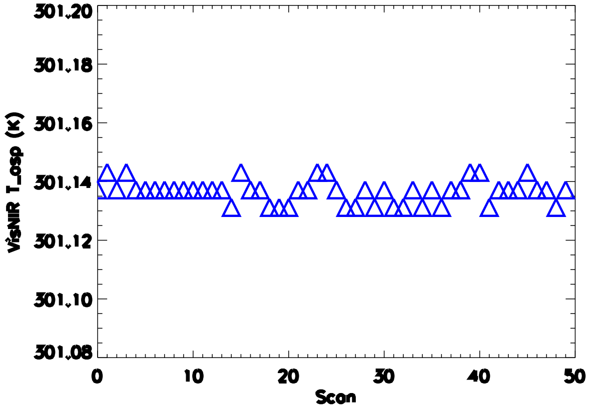

Collect=5

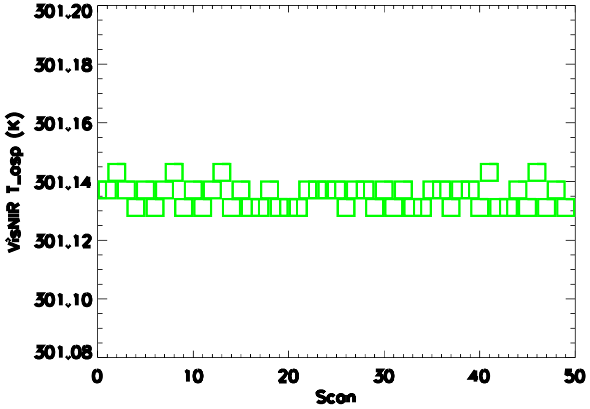

Collect=6

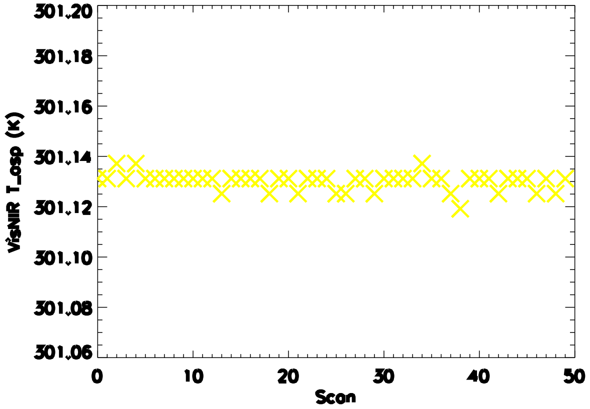

Collect=7

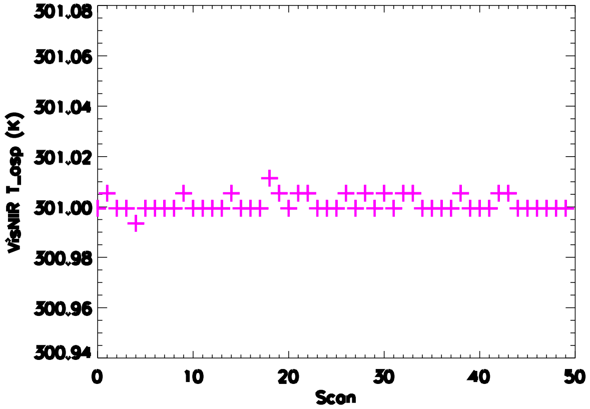

Collect=8

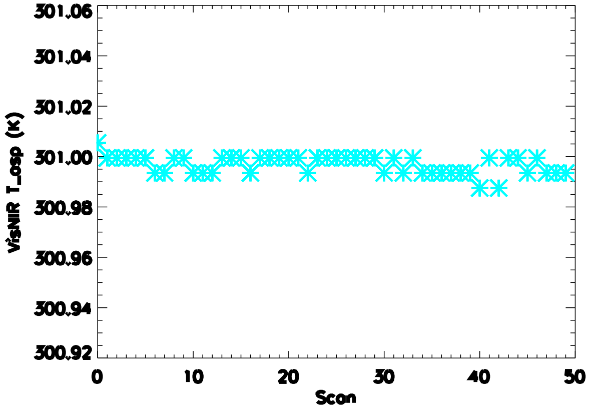

Collect=9

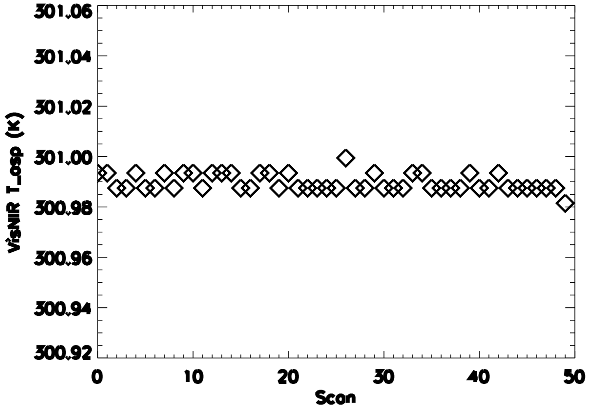

Collect = 10

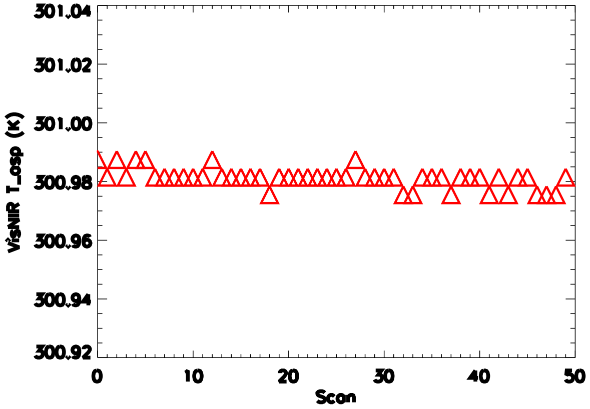

Collect = 11

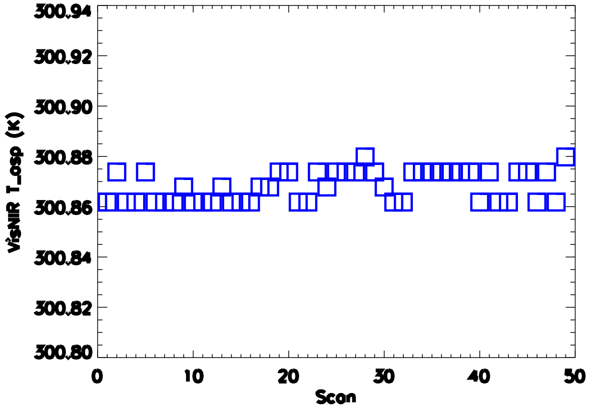

Collect = 12

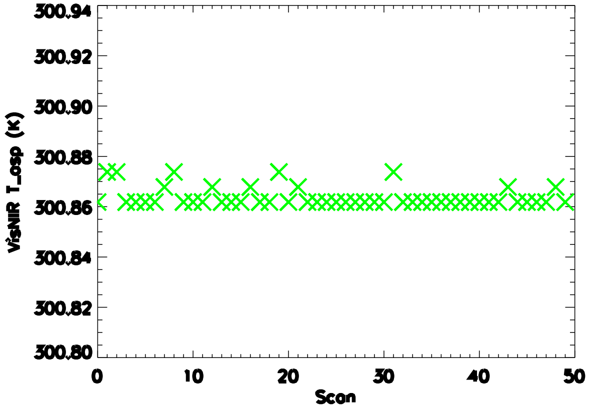

Collect = 13

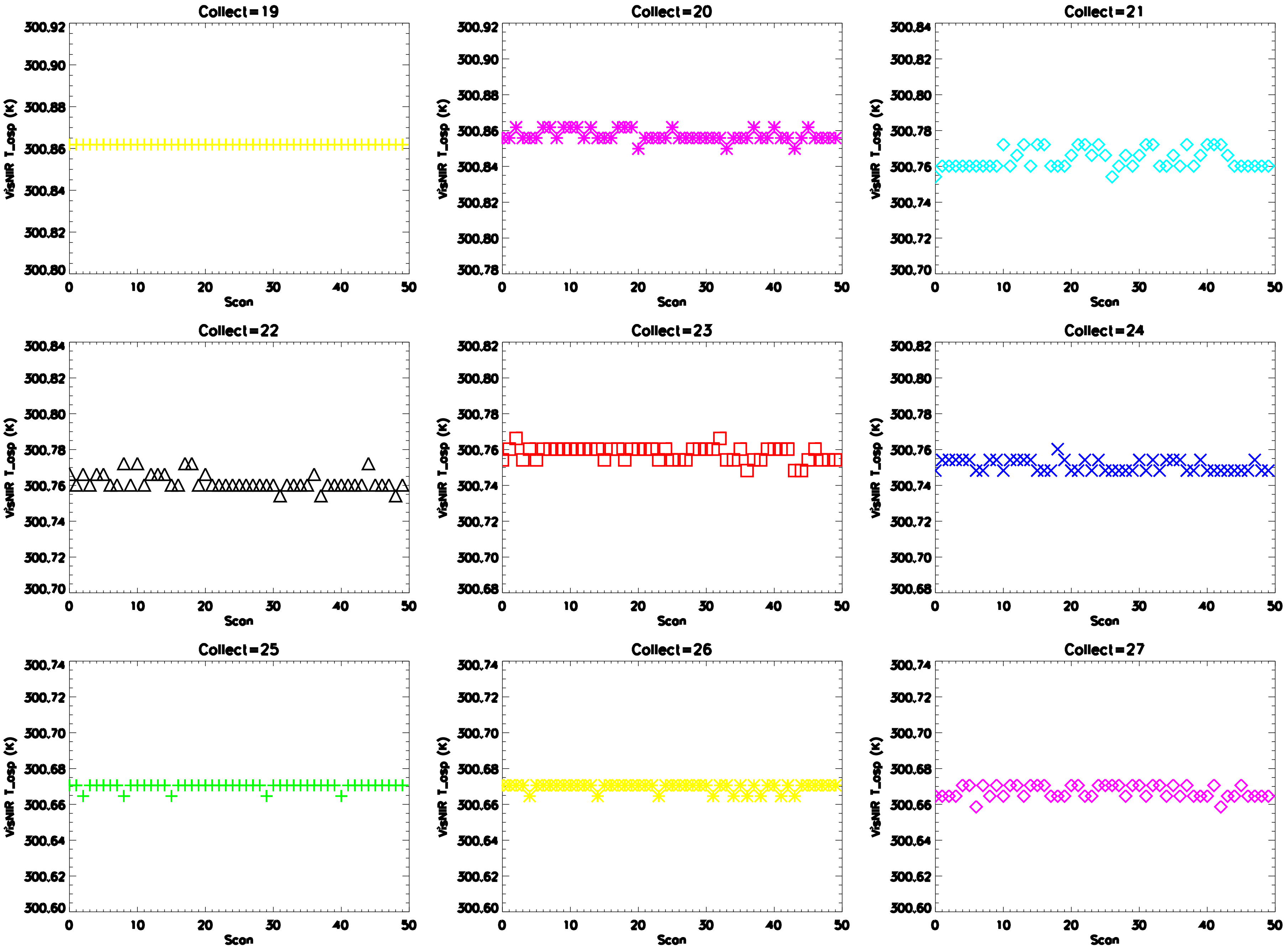

Collect = 14

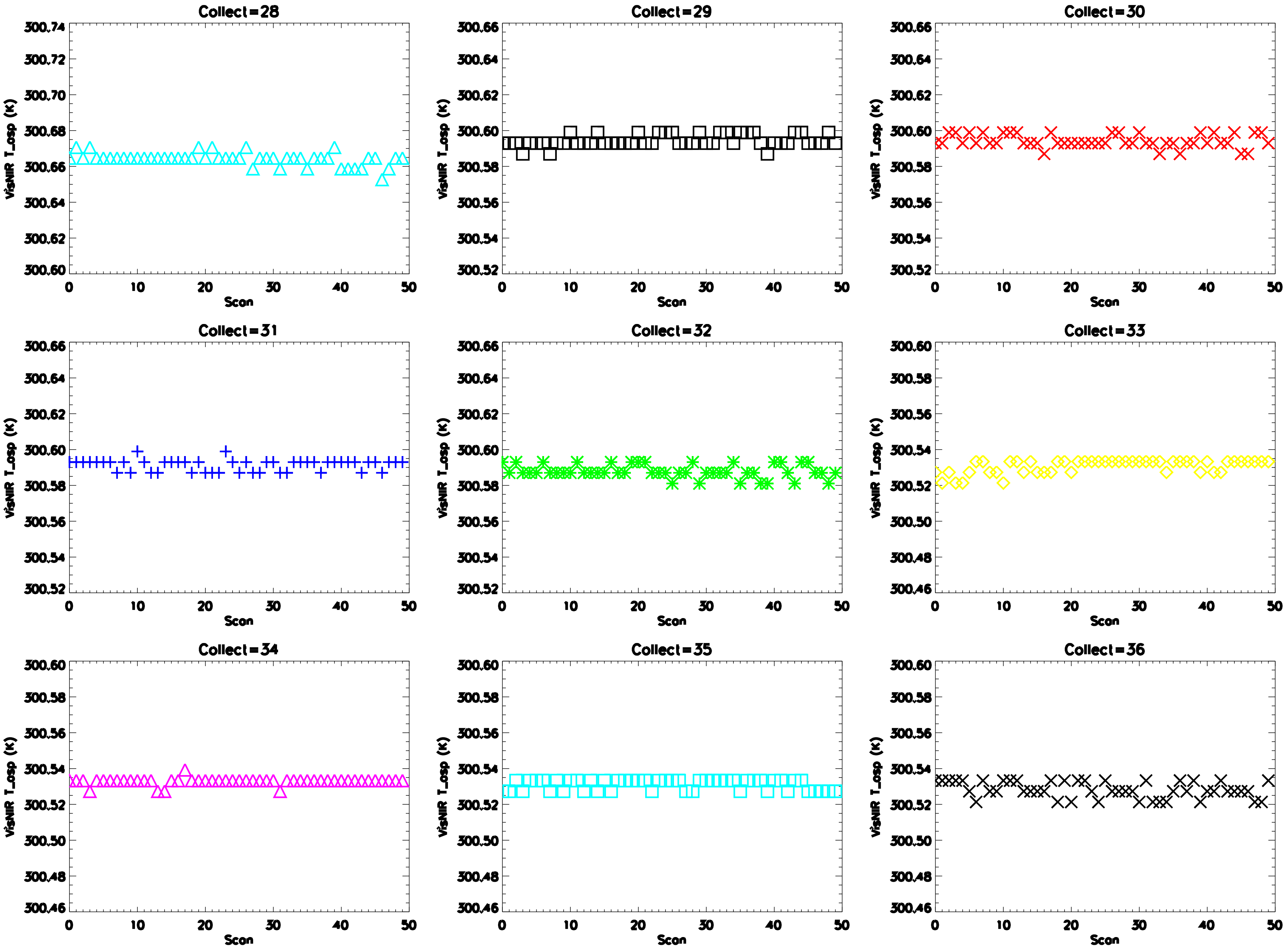

Collect = 15

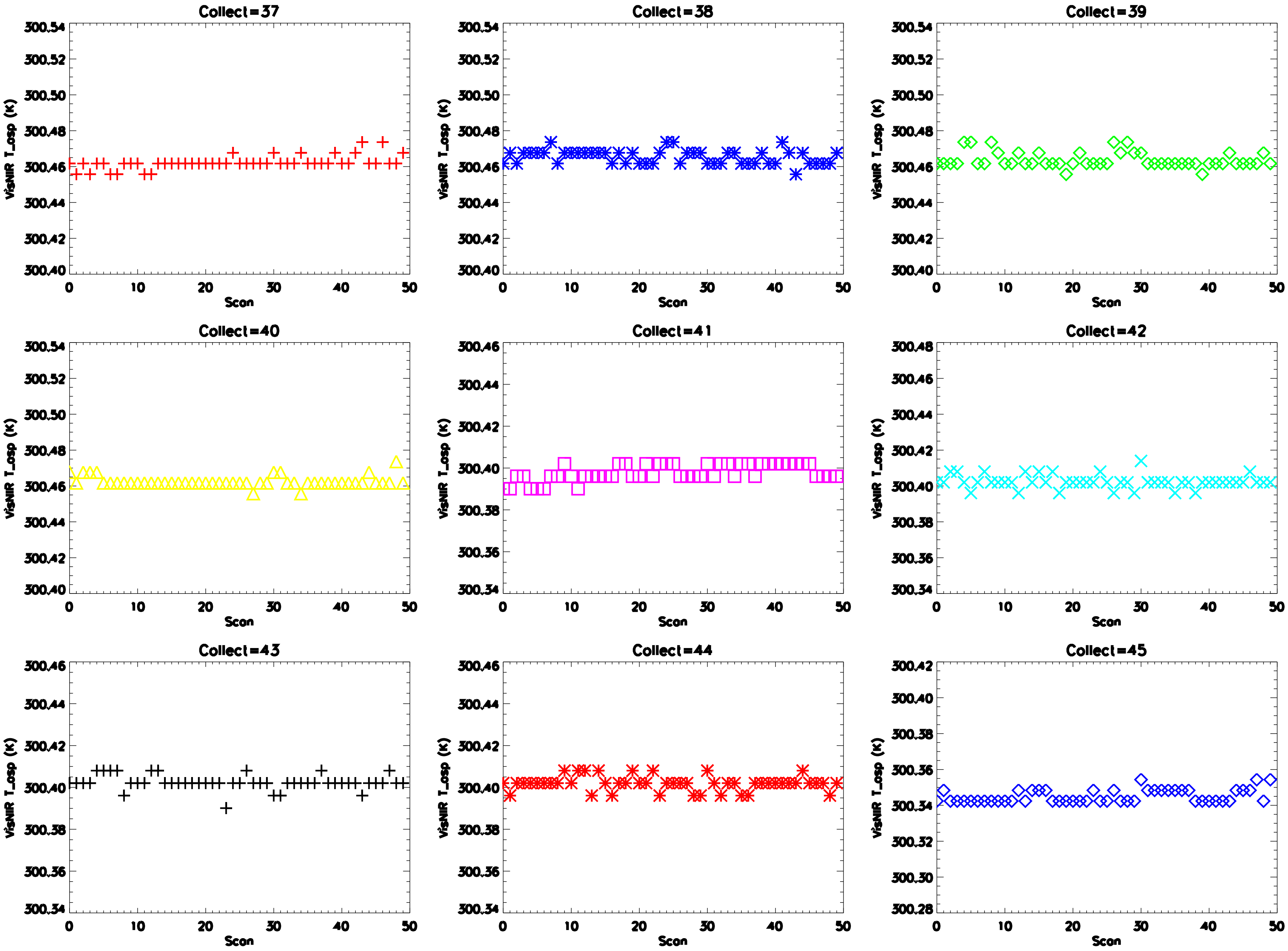

Collect = 16

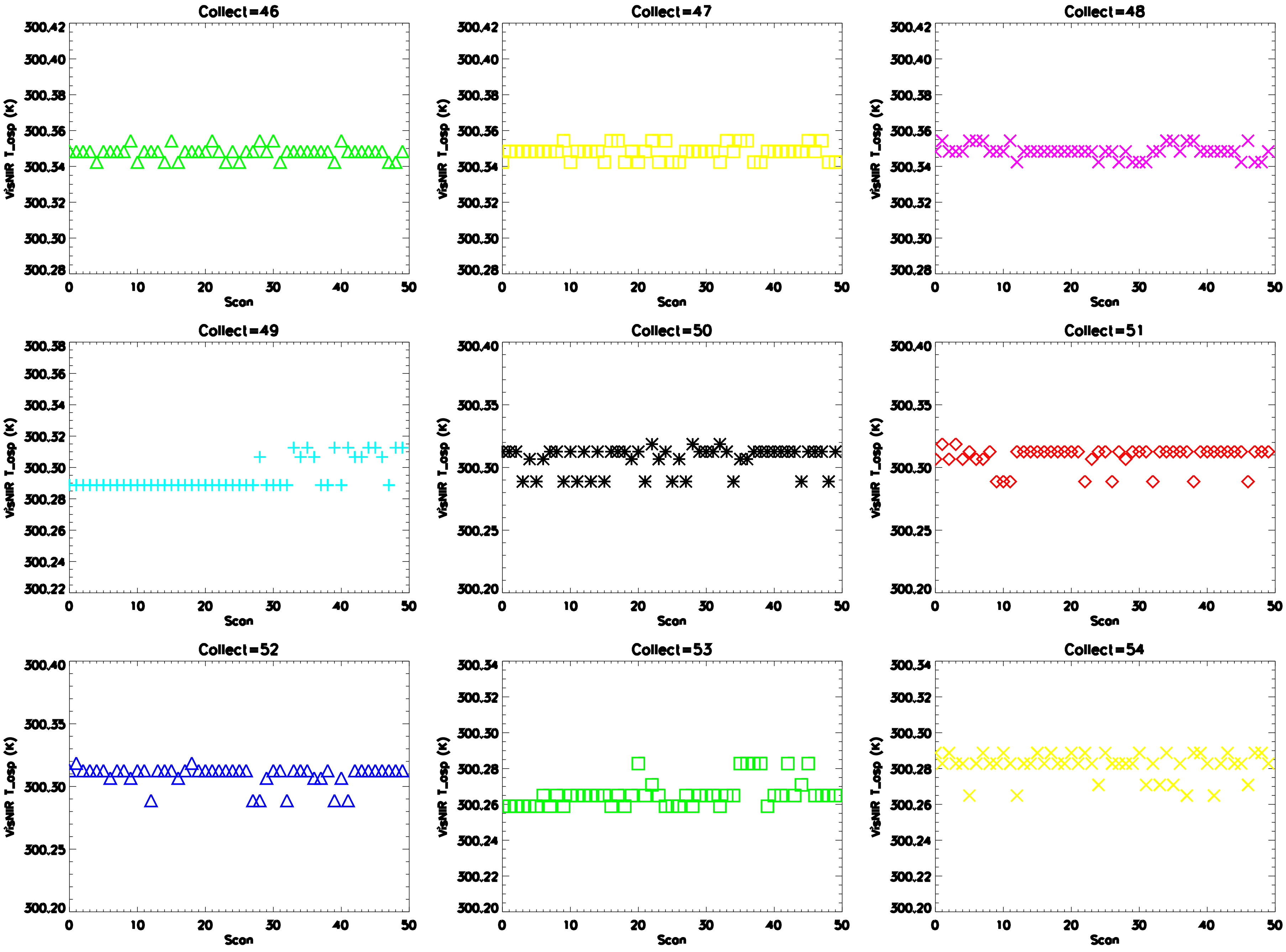

Collect = 17

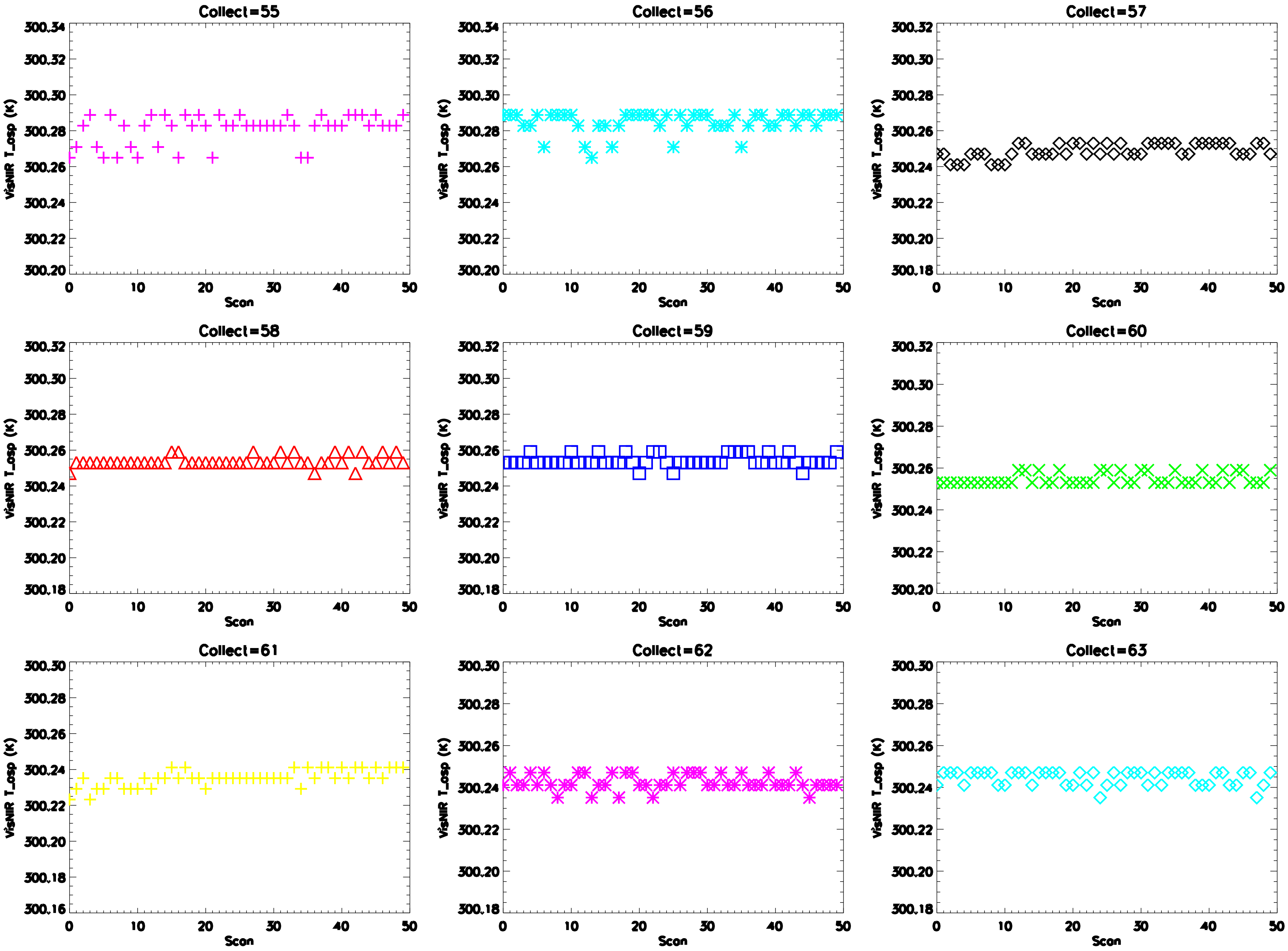

Collect = 18


Collect=19
300.92
300.90
300.88
300.86
300.84
300.82
300.80
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=20
300.92
300.90
300.88
300.86
300.84
300.82
300.80
300.78
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=21
300.84
300.82
300.80
300.78
300.76
300.74
300.72
300.70
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=22
300.84
300.82
300.80
300.78
300.76
300.74
300.72
300.70
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=23
300.82
300.80
300.78
300.76
300.74
300.72
300.70
300.68
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=24
300.82
300.80
300.78
300.76
300.74
300.72
300.70
300.68
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=25
300.74
300.72
300.70
300.68
300.66
300.64
300.62
300.60
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=26
300.74
300.72
300.70
300.68
300.66
300.64
300.62
300.60
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=27
300.74
300.72
300.70
300.68
300.66
300.64
300.62
300.60
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

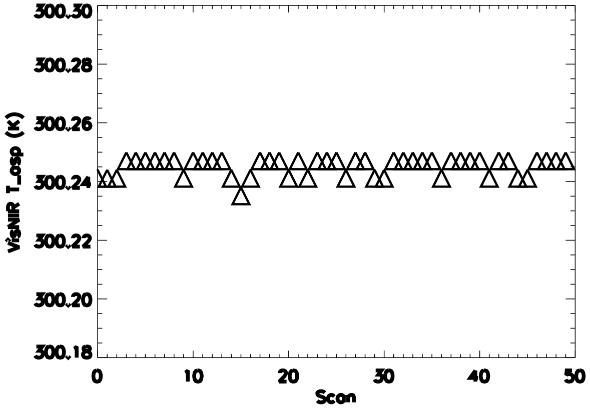

Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
VisNIR T_osp (K)
Scan
0
10
20
30
40
50
300.60
300.62
300.64
300.66
300.68
300.70
300.72
300.74
300.52
300.54
300.56
300.58
300.46
300.48
300.50


Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
VisNIR T_osp (K)
Scan
0
10
20
30
40
50
300.54
300.52
300.50
300.48
300.46
300.44
300.42
300.40
300.38
300.36
300.34
300.32
300.30
300.28

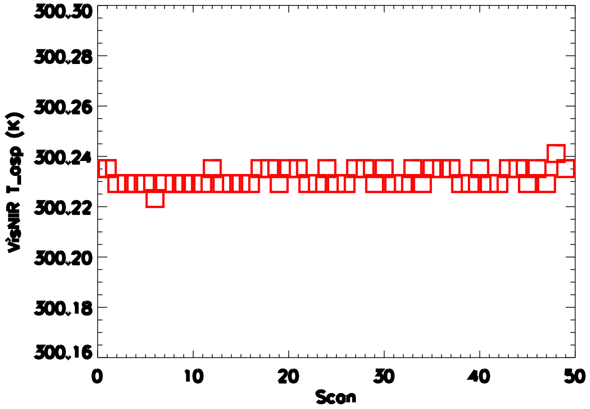

Collect=46
300.42
300.40
300.38
300.36
300.34
300.32
300.30
300.28
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=47
300.42
300.40
300.38
300.36
300.34
300.32
300.30
300.28
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=48
300.42
300.40
300.38
300.36
300.34
300.32
300.30
300.28
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=49
300.38
300.36
300.34
300.32
300.30
300.28
300.26
300.24
300.22
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=50
300.40
300.35
300.30
300.25
300.20
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=51
300.40
300.35
300.30
300.25
300.20
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=52
300.40
300.35
300.30
300.25
300.20
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=53
300.34
300.32
300.30
300.28
300.26
300.24
300.22
300.20
VisNIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=54
300.34
300.32
300.30
300.28
300.26
300.24
300.22
300.20
VisNIR T_osp (K)
0
10
20
30
40
50
Scan


Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
VisNIR T_osp (K)
Scan
0
10
20
30
40
50
300.16
300.18
300.20
300.22
300.24
300.26
300.28
300.30
300.32
300.34

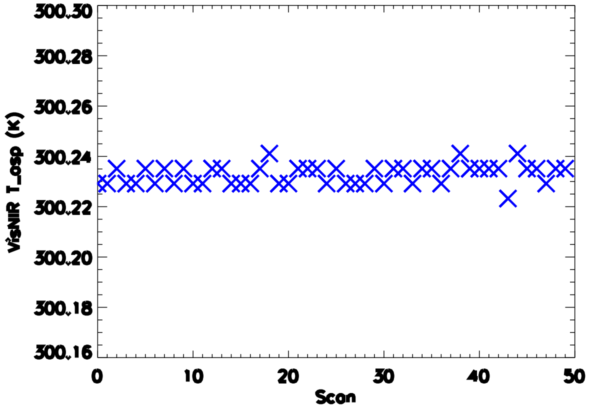
Collect=64



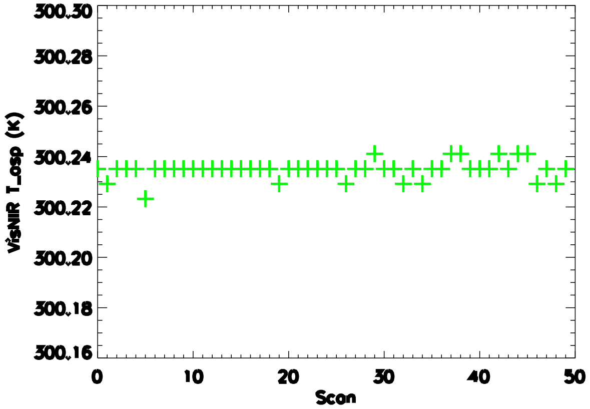
Collect=65



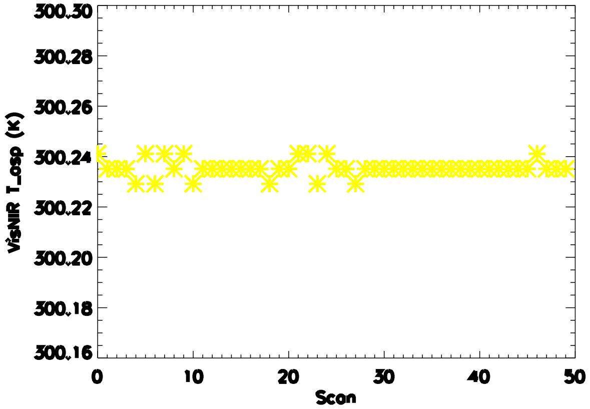
Collect=66



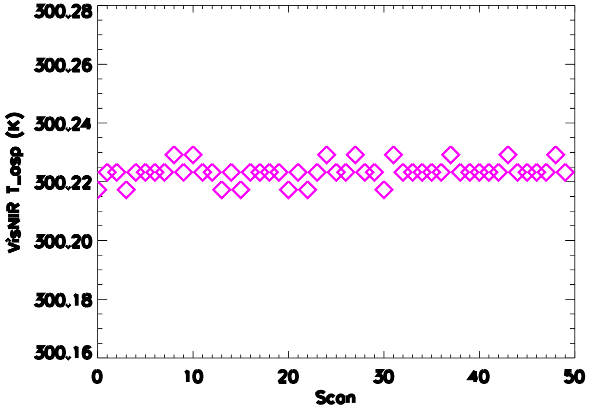
Collect=67



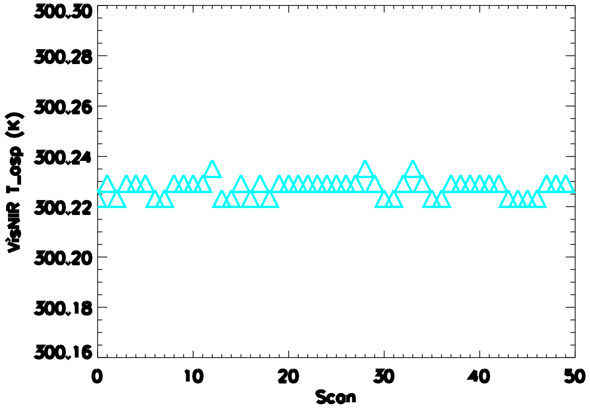
Collect=68



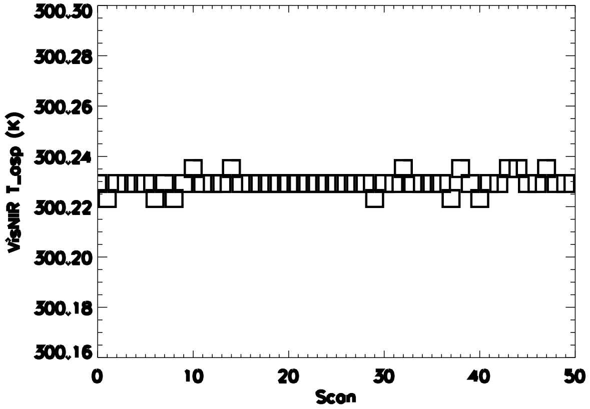
Collect=69



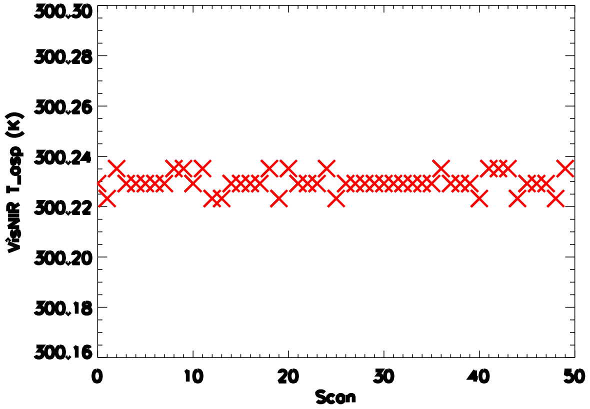
Collect=70

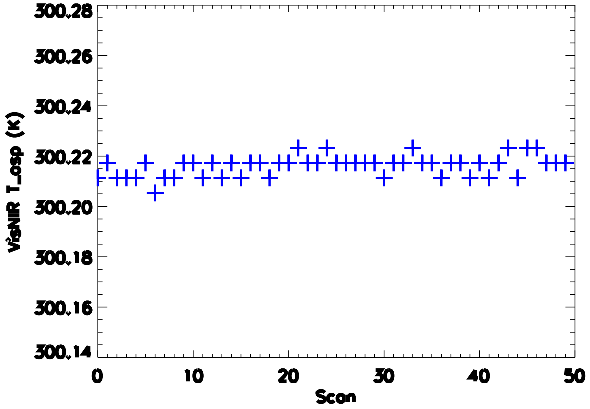


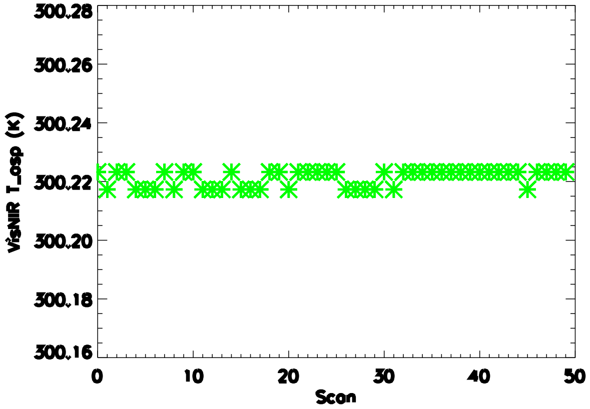
Collect=71

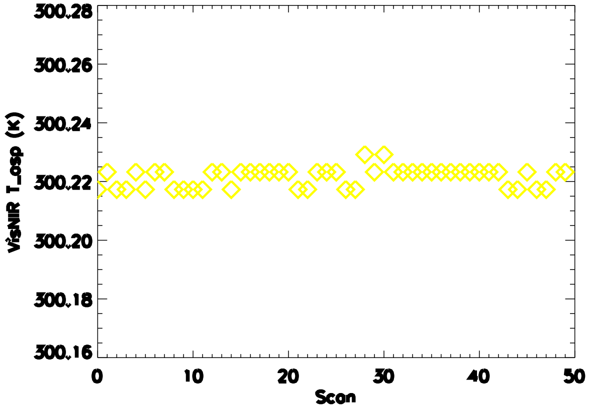


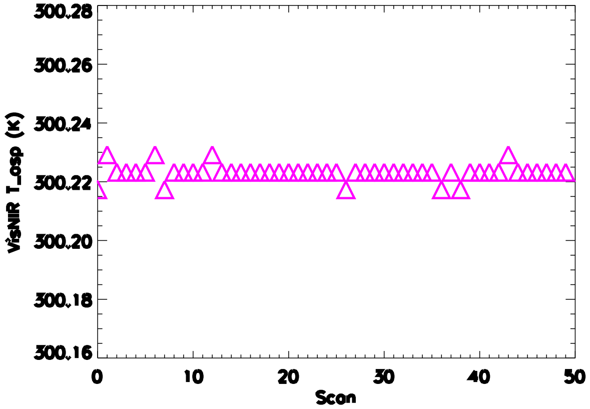
Collect=72

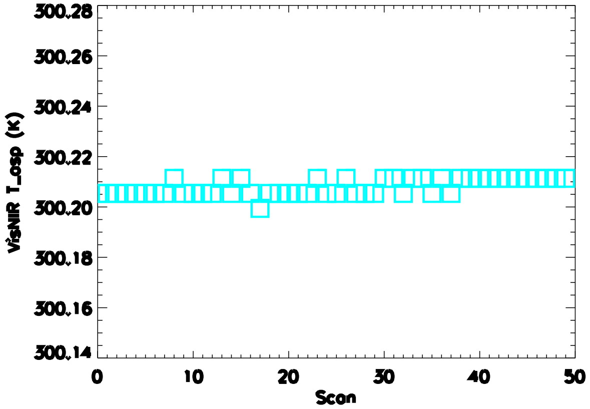


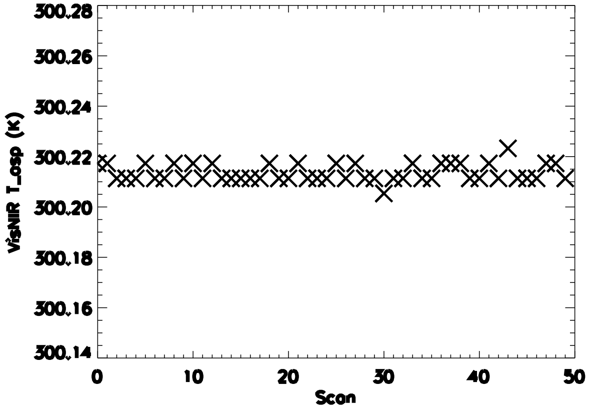

Collect=73

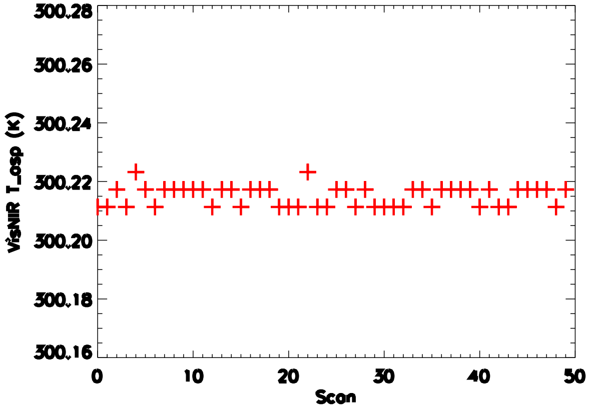

Collect=74

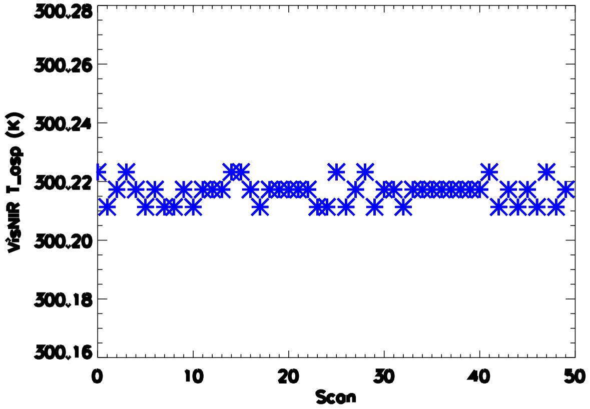

Collect=75

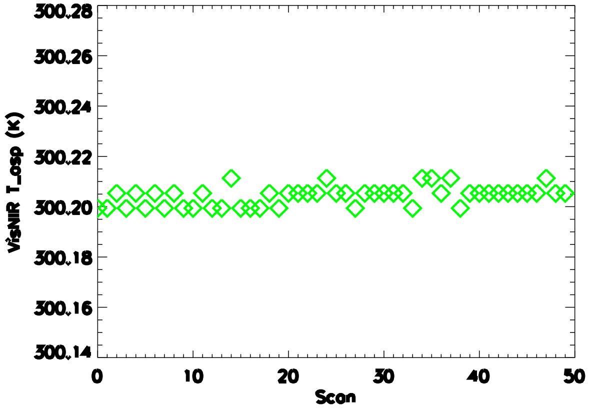

Collect=76

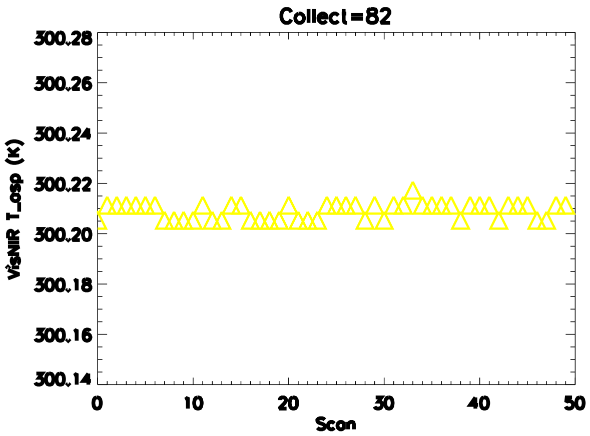

Collect=77

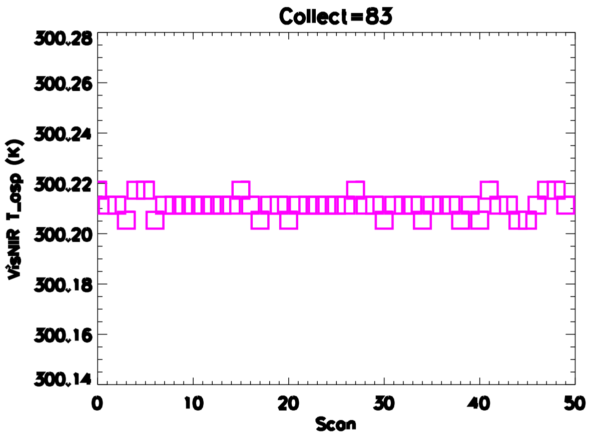

Collect=78

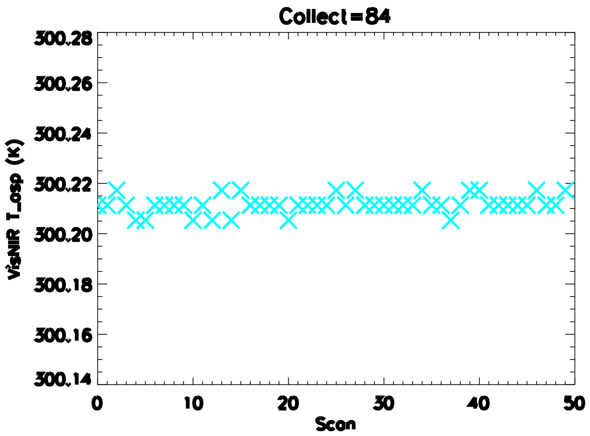

Collect=79

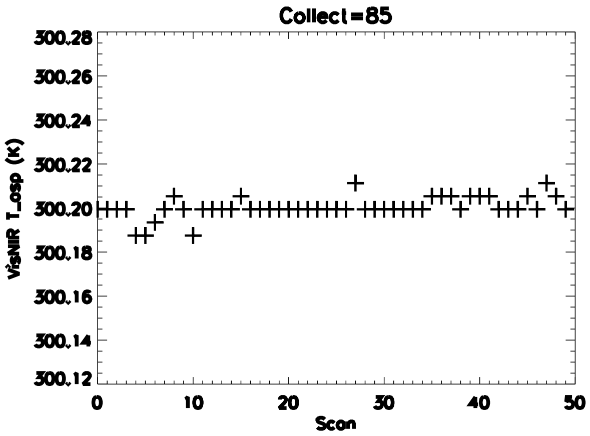

Collect=80

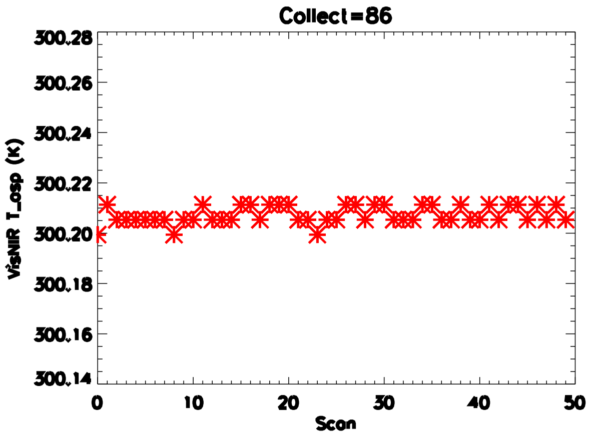

Collect=81

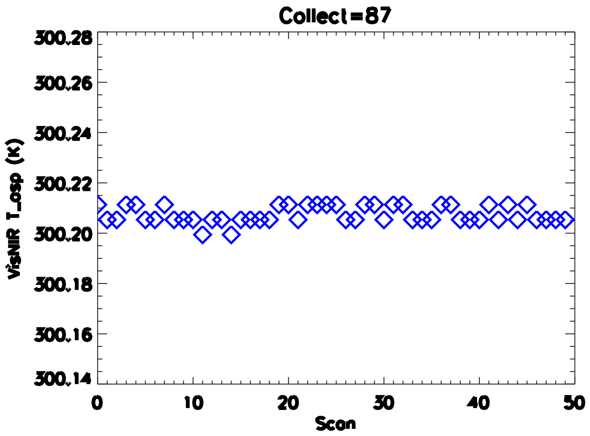

Collect=82
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

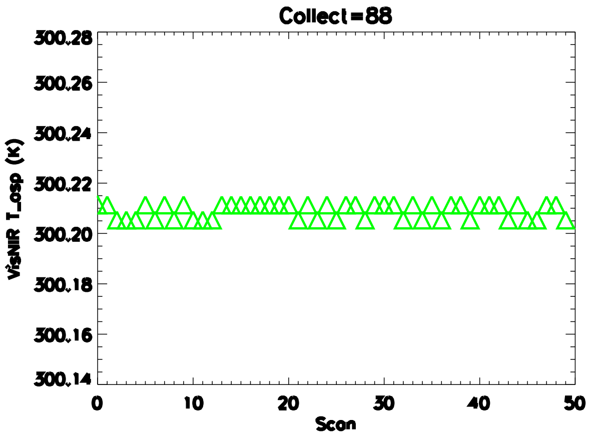

Collect=83
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

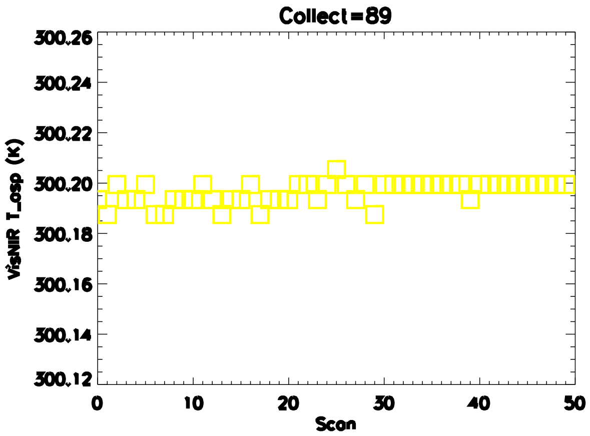

Collect=84
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

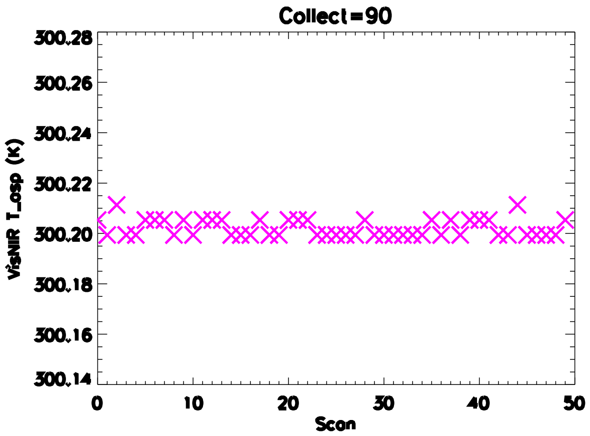

Collect=85
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan

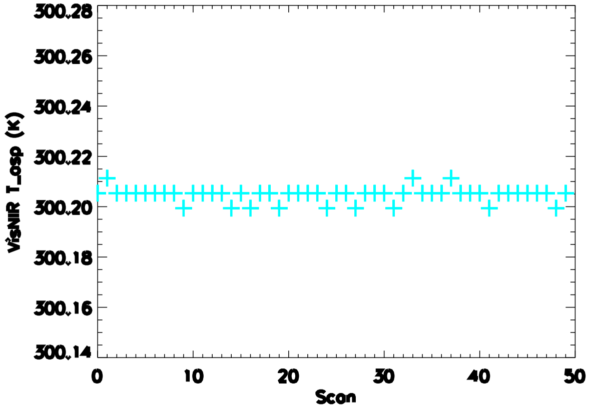

Collect=86
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

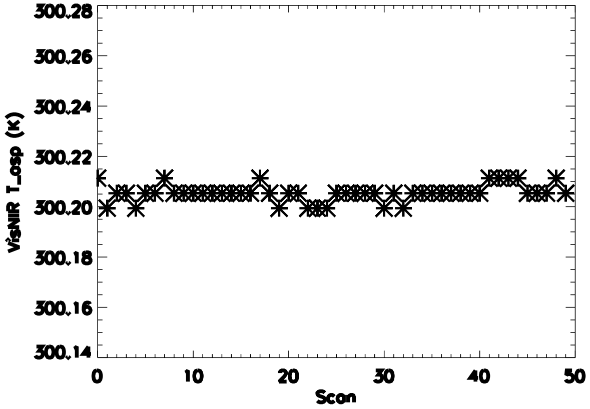

Collect=87
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

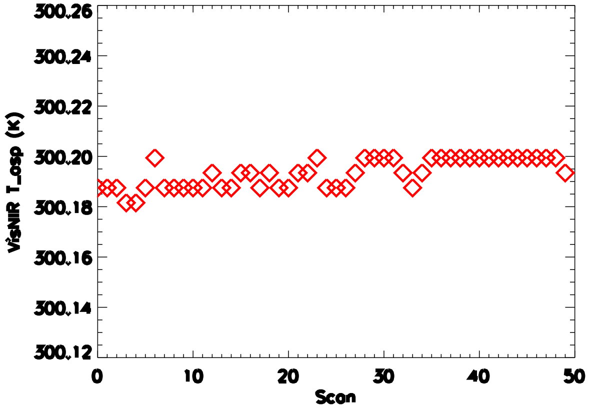

Collect=88
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

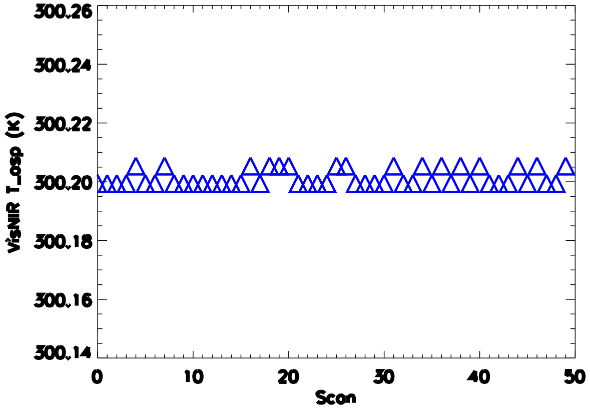

Collect=89
VisNIR T_osp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan

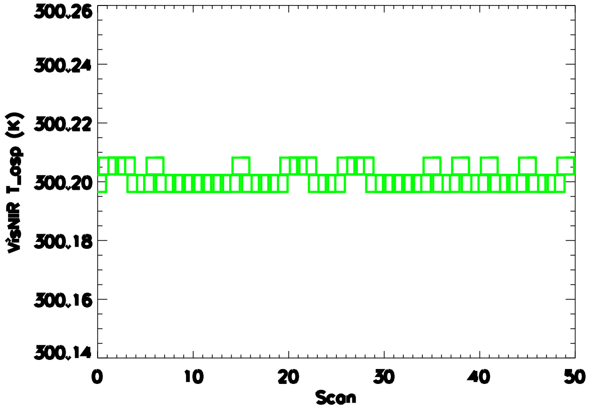

Collect=90
VisNIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan

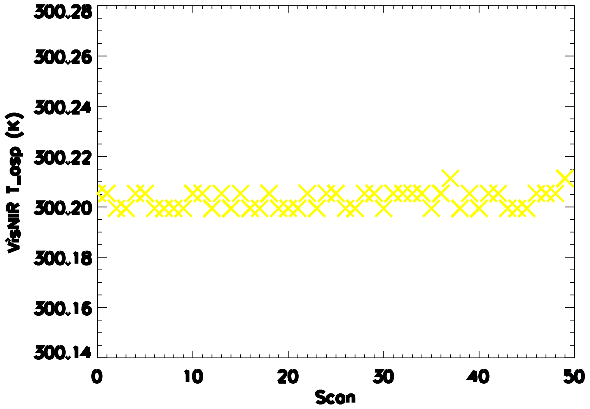

Collect=91

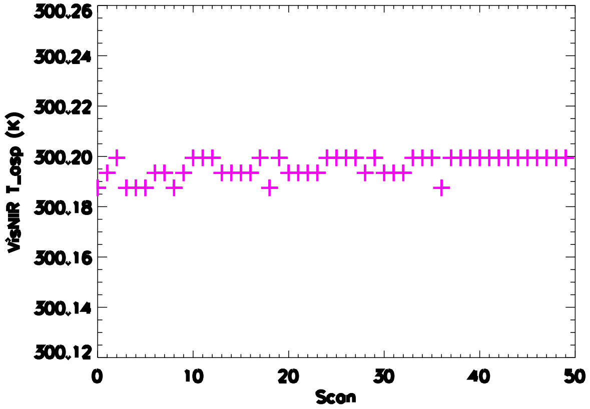

Collect=92

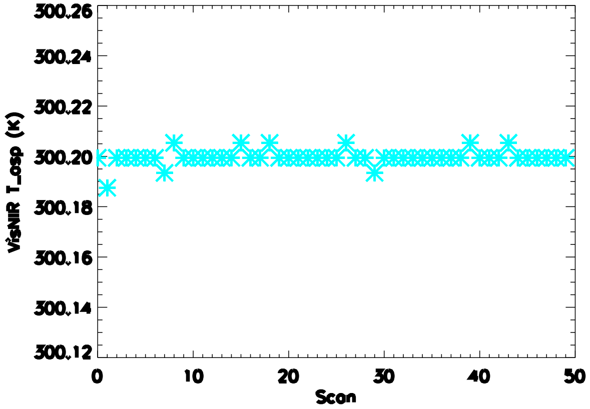

Collect=93

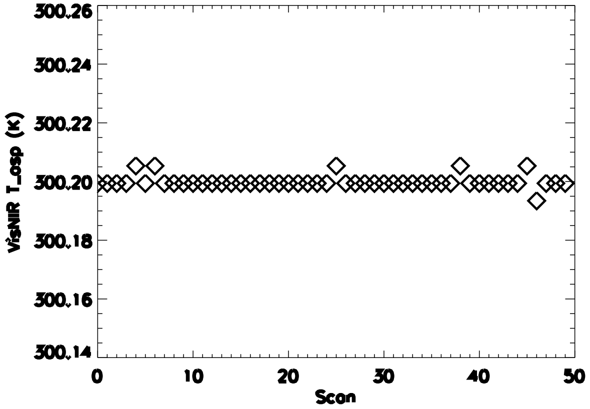

Collect=94

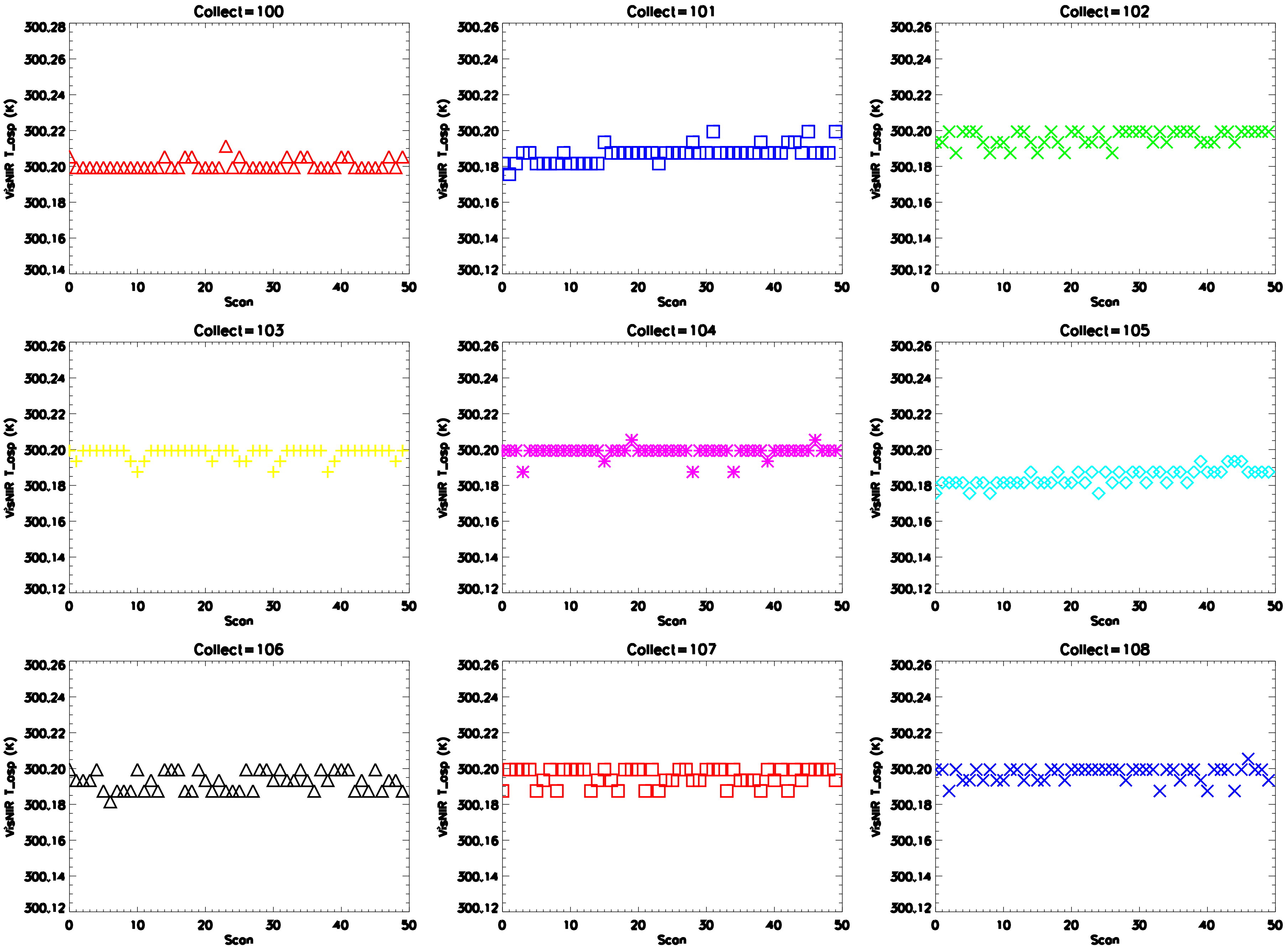

Collect=95

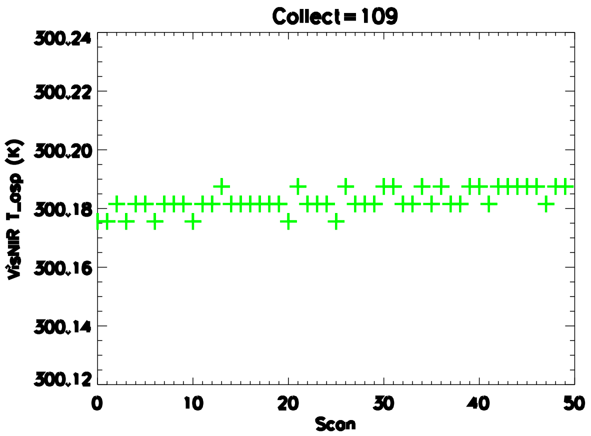

Collect=96

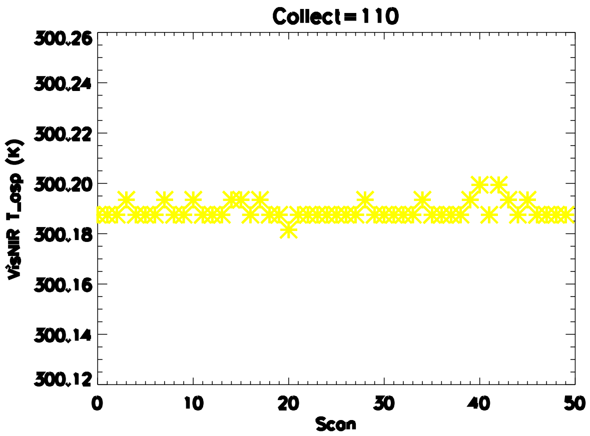

Collect=97

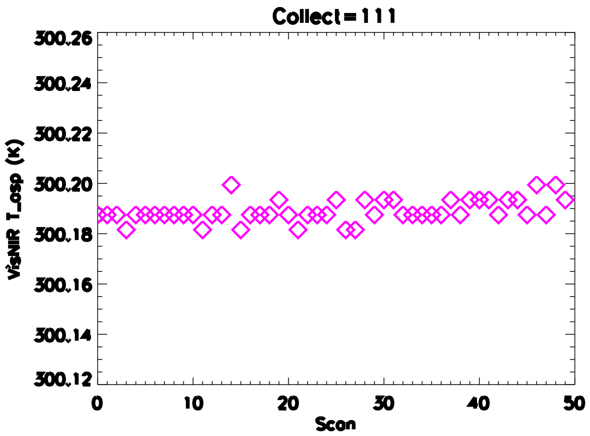

Collect=98

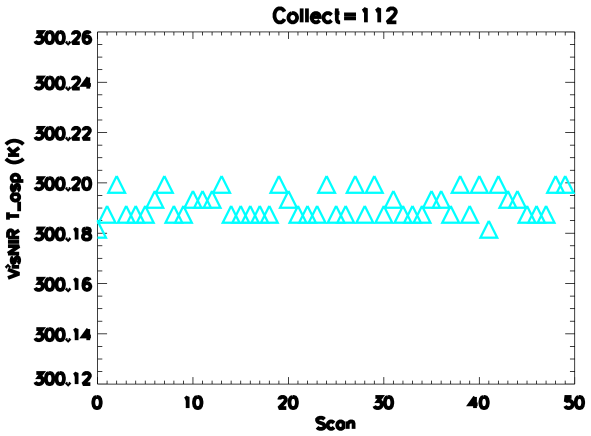

Collect=99

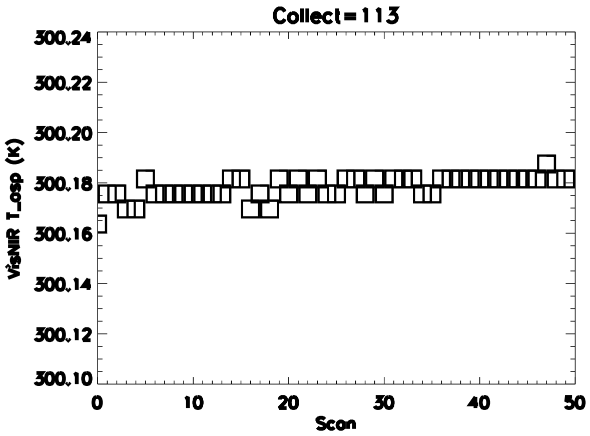

Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
VisNIR T_osp (K)
Scan
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50

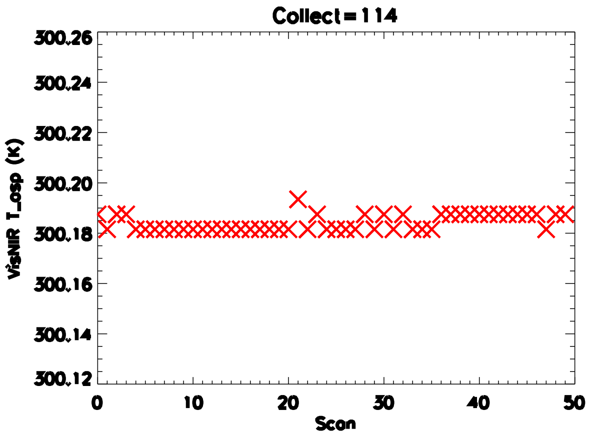

Collect=109
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

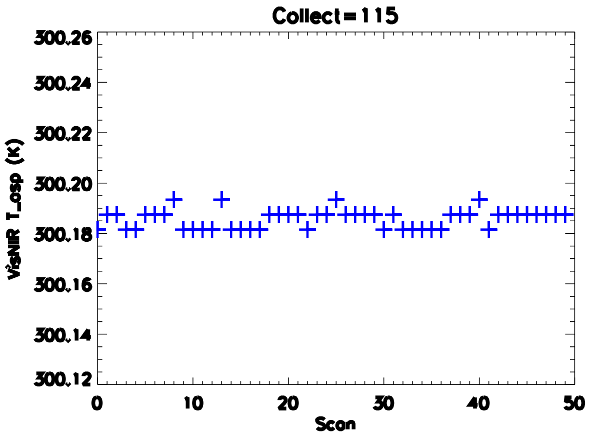

Collect=110
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

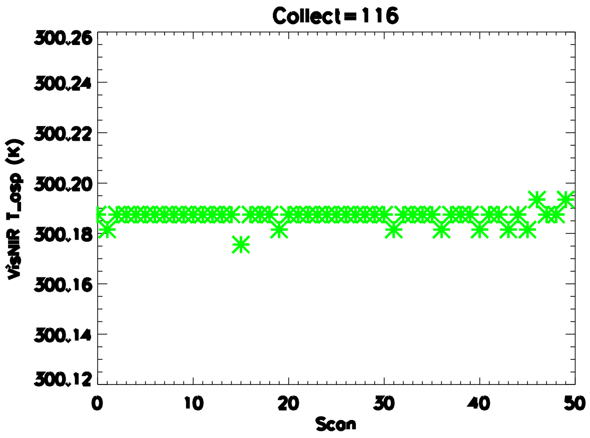

Collect=111
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

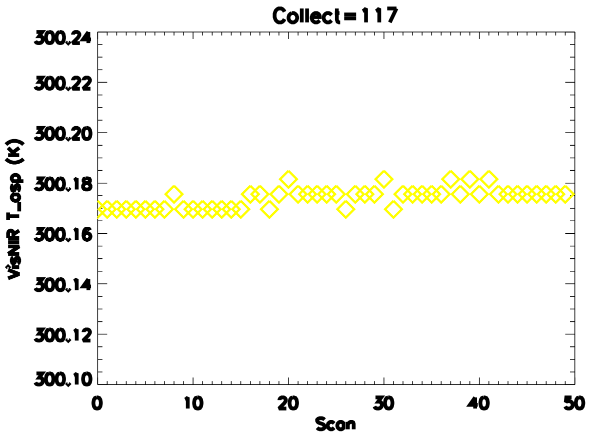

Collect=112
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

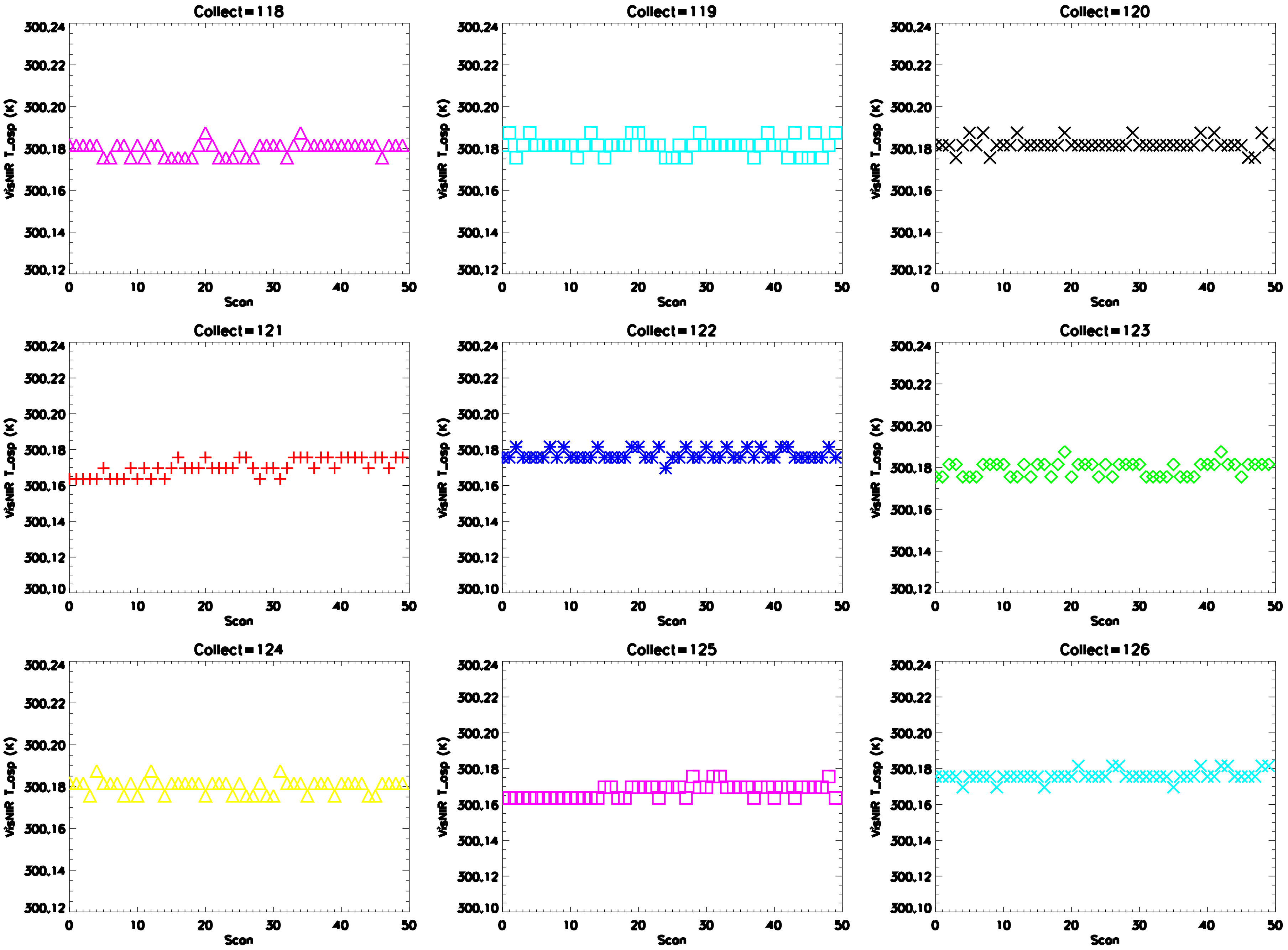

Collect=113
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

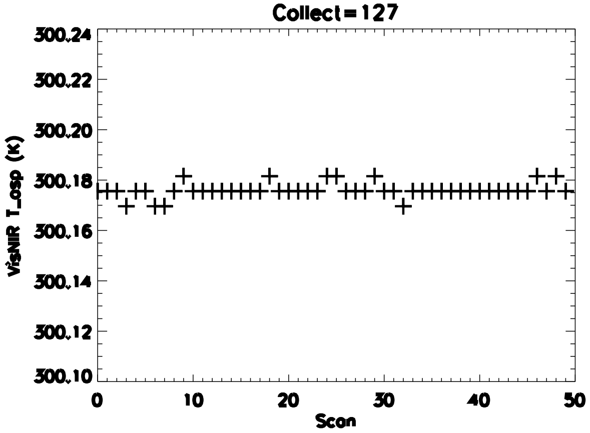

Collect=114
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

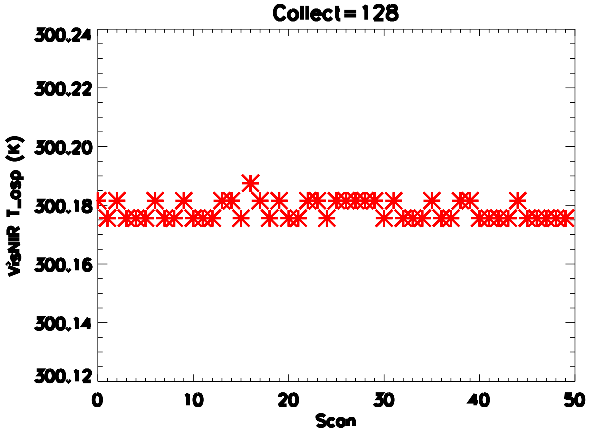

Collect=115
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

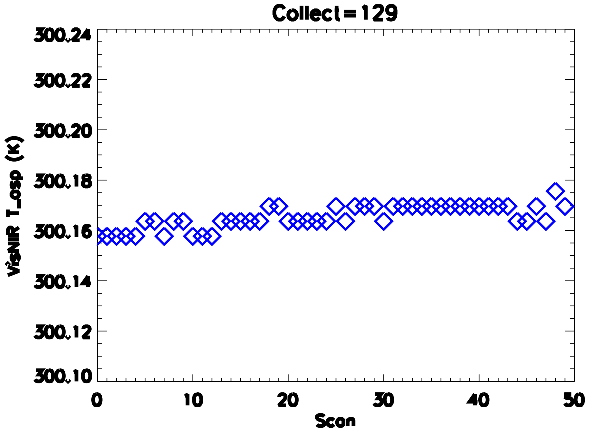

Collect=116
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

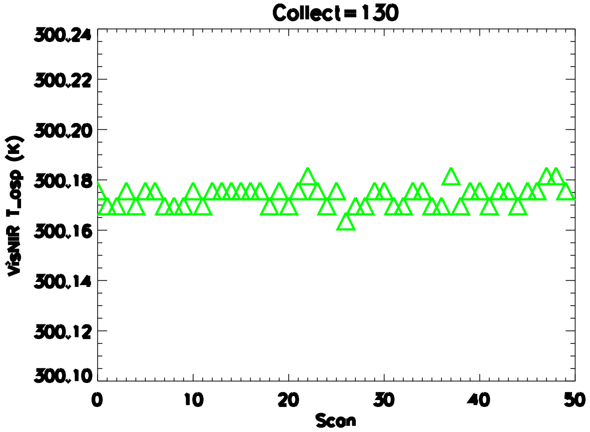

Collect=117
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
VisNIR T_osp (K)
0
10
20
30
40
50
Scan

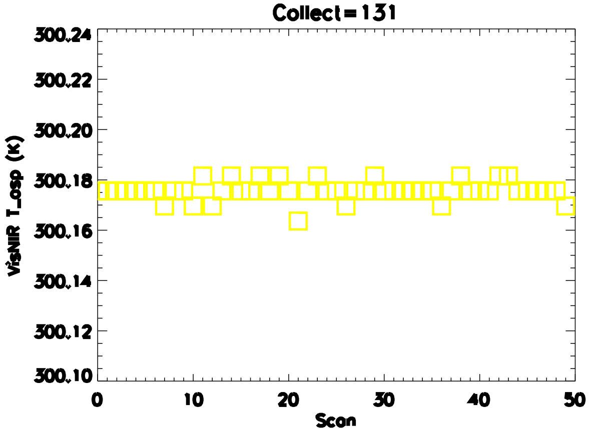

Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
VisNIR T_osp (K)
Scan
0
10
20
30
40
50
300.10
300.12
300.14
300.16
300.18
300.20
300.22
300.24

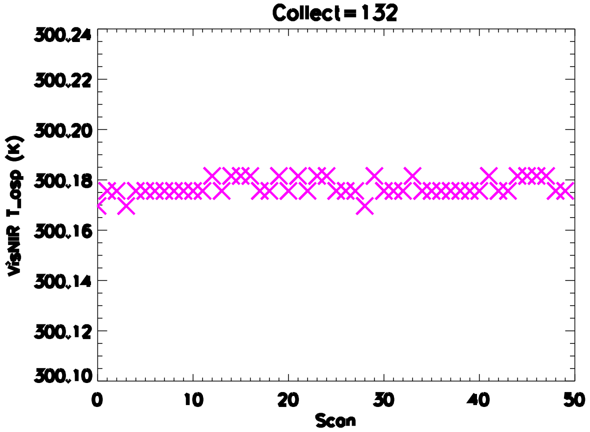

Collect=127
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

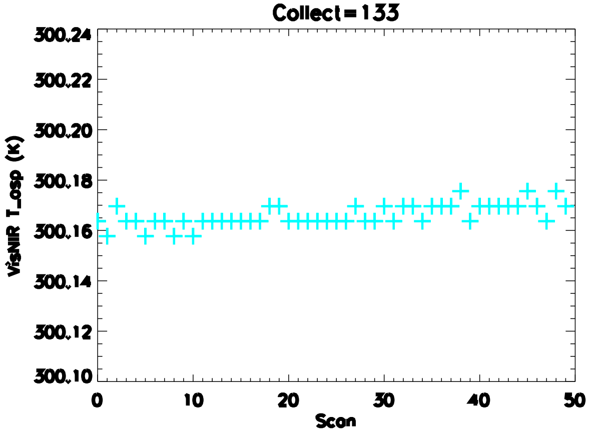

Collect=128
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan

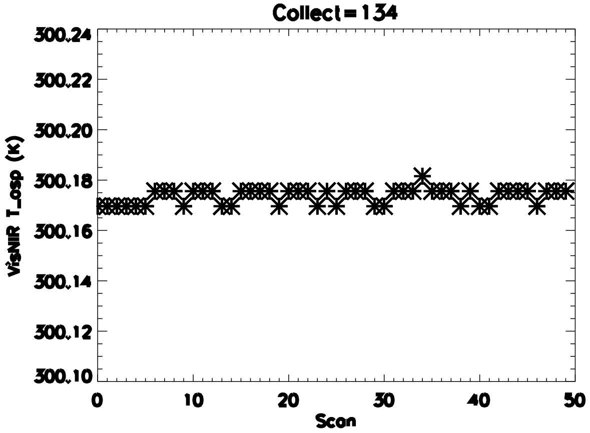

Collect=129
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

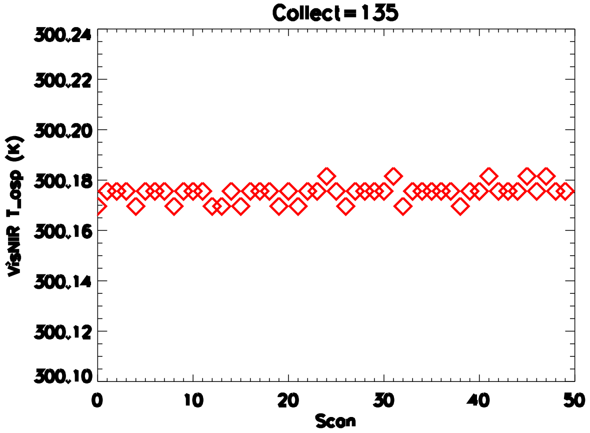

Collect=130
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

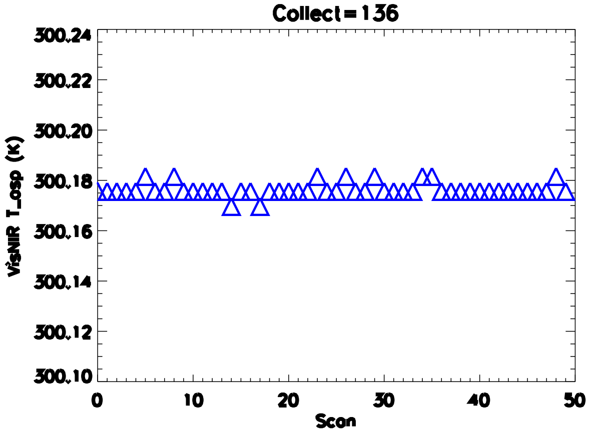

Collect=131
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

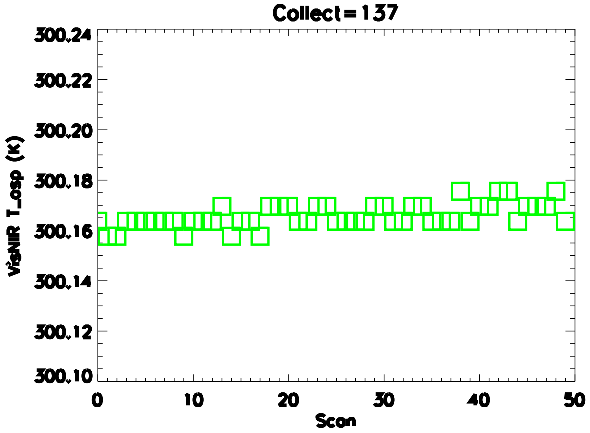

Collect=132
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

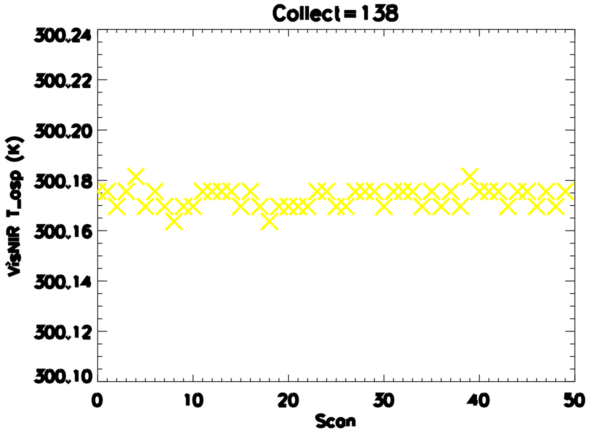

Collect=133
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

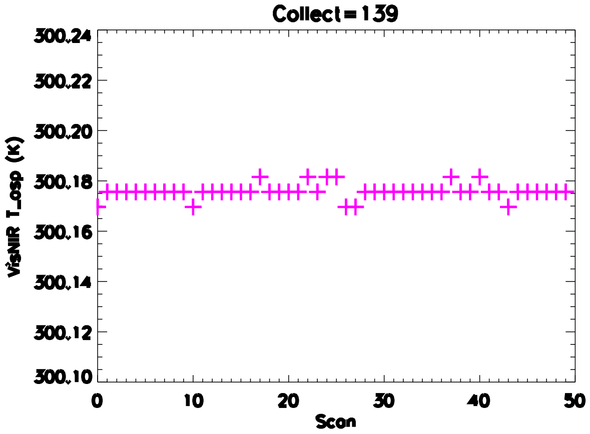

Collect=134
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

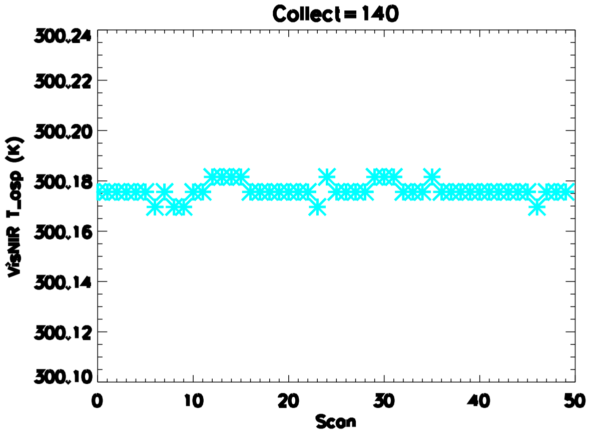

Collect=135
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

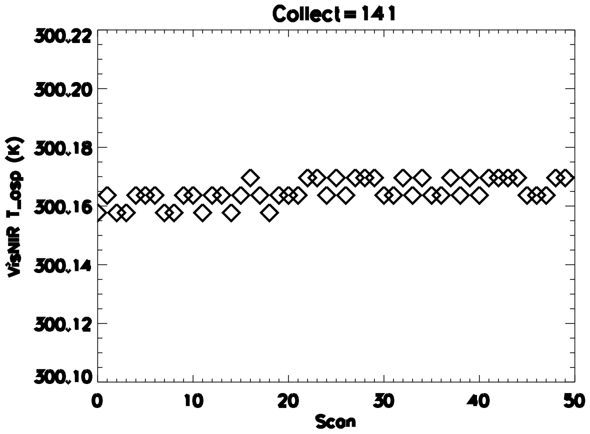

Collect=136
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

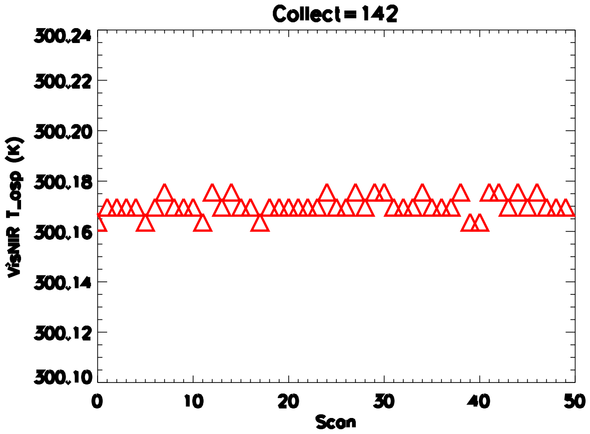

Collect=137
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

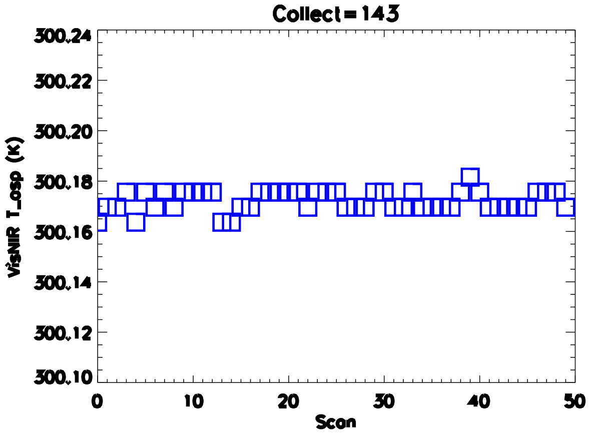

Collect=138
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

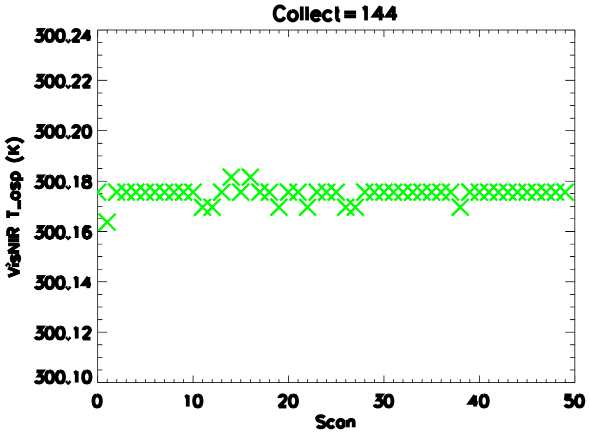

Collect=139
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

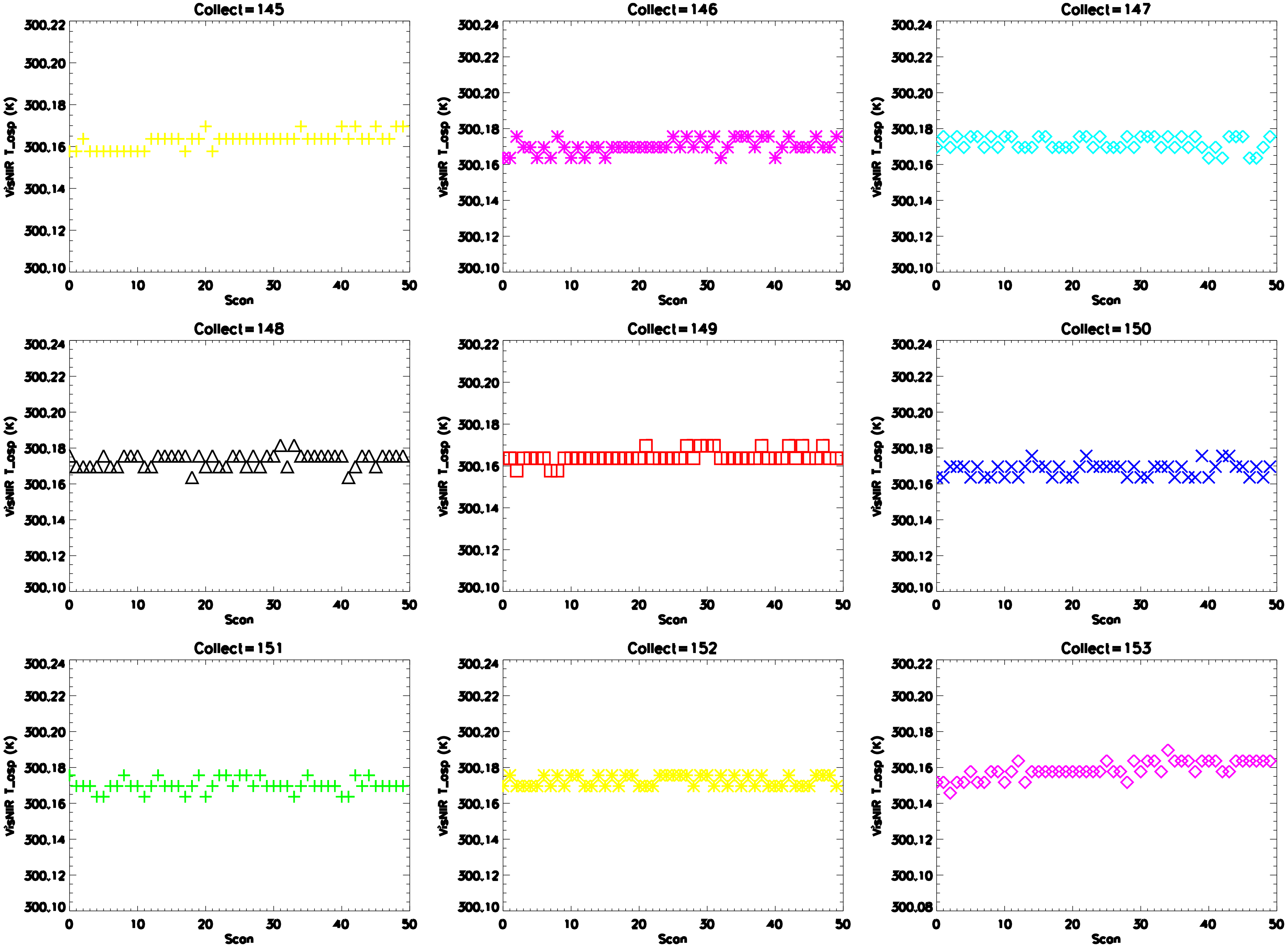

Collect=140
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

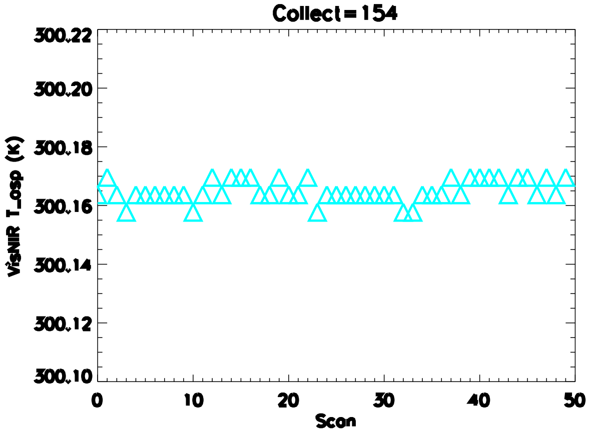

Collect=141
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

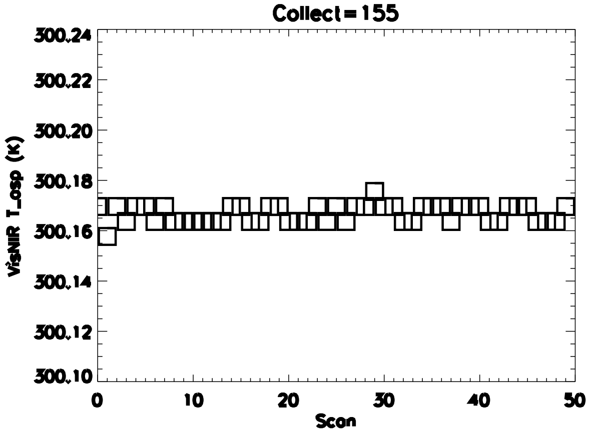

Collect=142
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

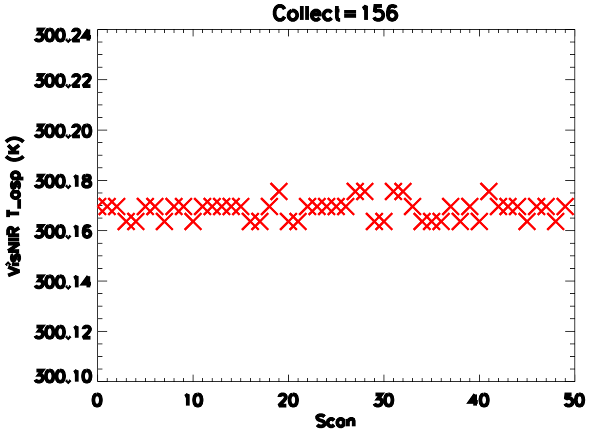

Collect=143
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

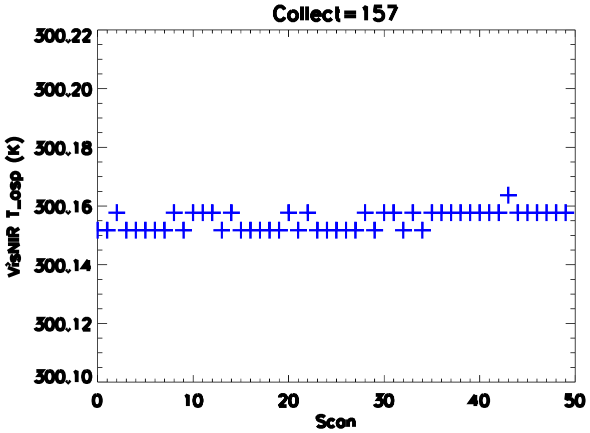

Collect=144
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

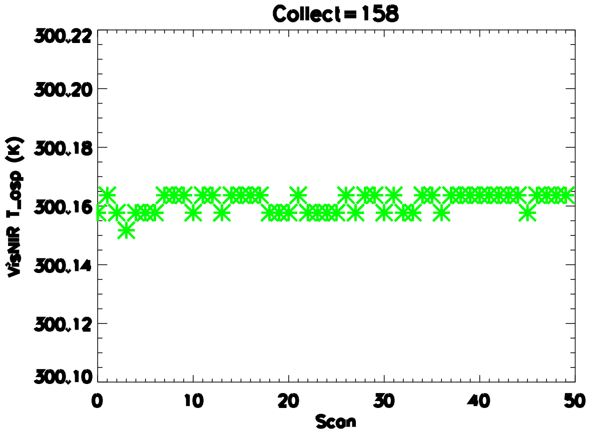

Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
VisNIR T_osp (K)
Scan
0
10
20
30
40
50
300.08
300.10
300.12
300.14
300.16
300.18
300.20
300.22
300.24

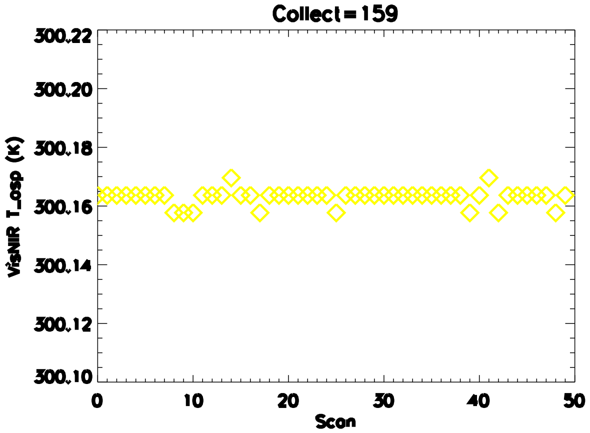

Collect = 154
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

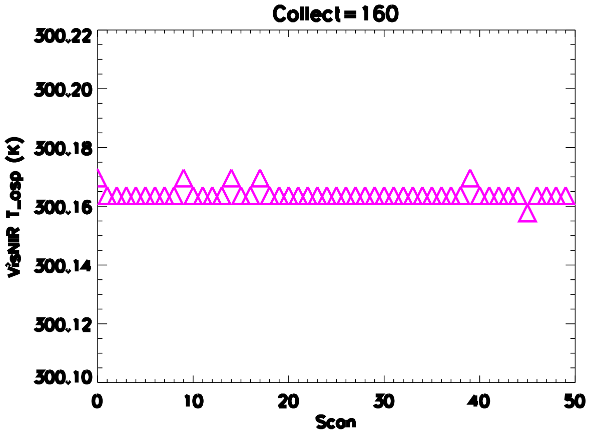

Collect = 155
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

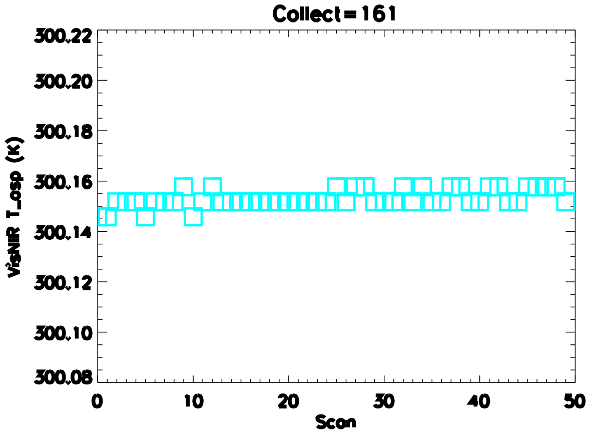

Collect = 156
VisNIR T_osp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

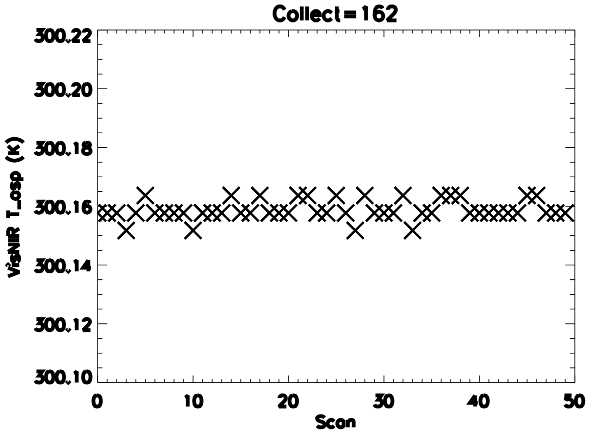

Collect = 157
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan


Collect = 158
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

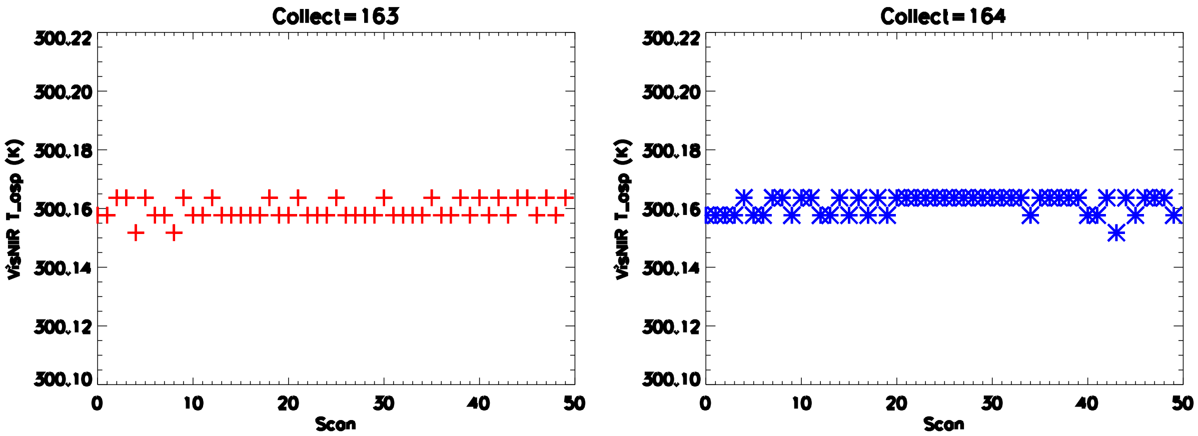

Collect = 159
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

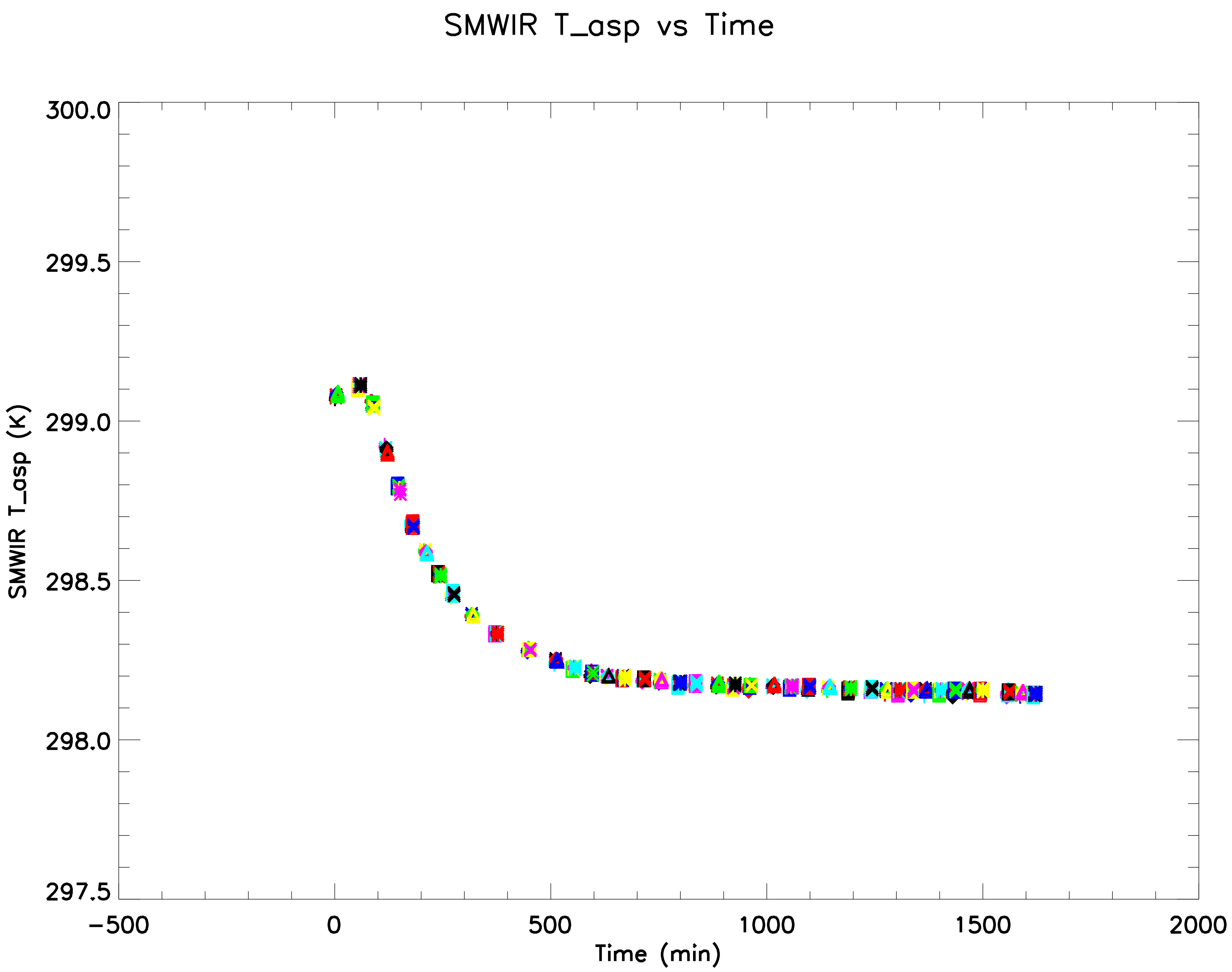

Collect = 160
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

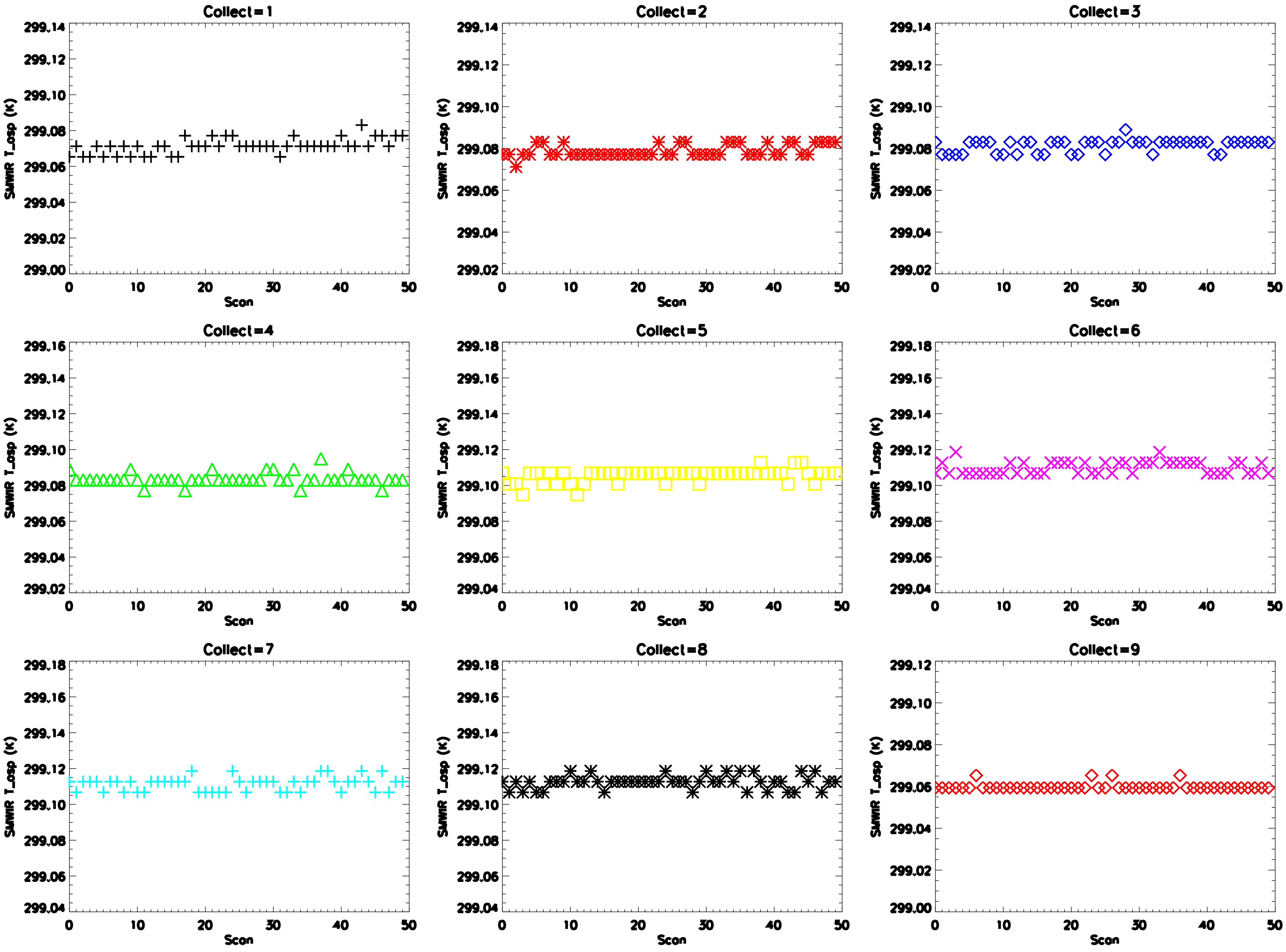

Collect = 161
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
300.08
0
10
20
30
40
50
Scan

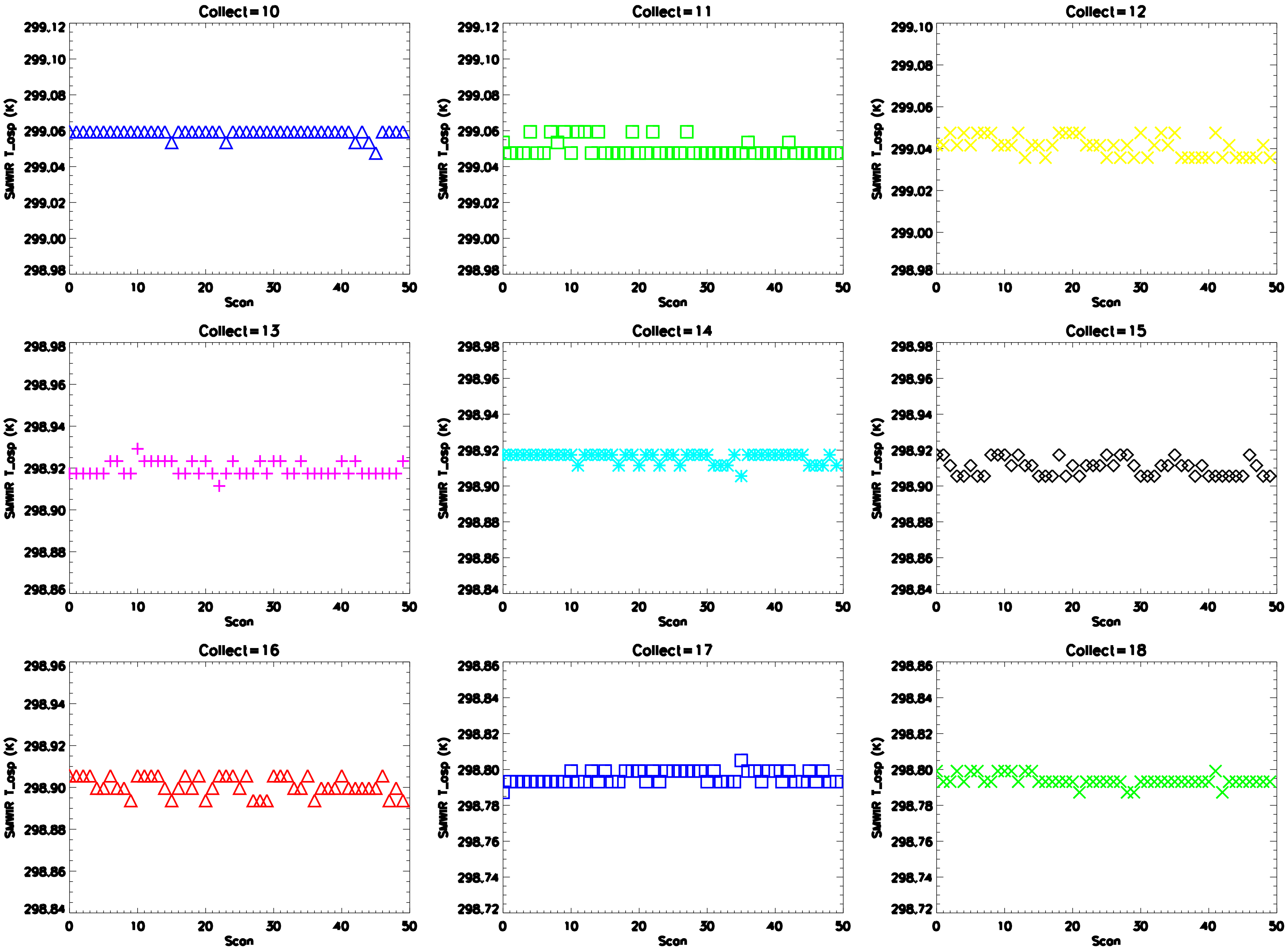

Collect = 162
VisNIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

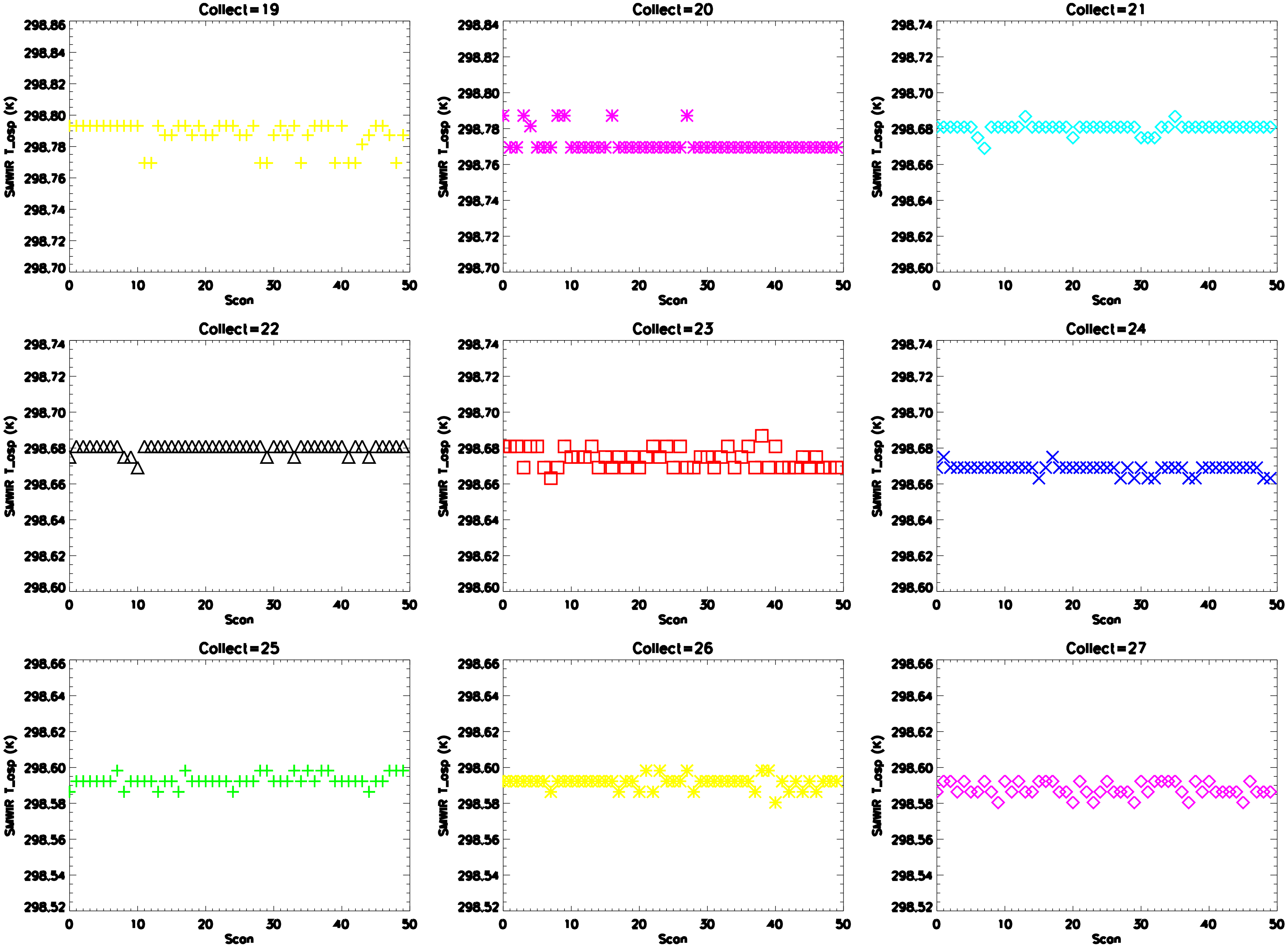
VisNIR T_asp vs Scan

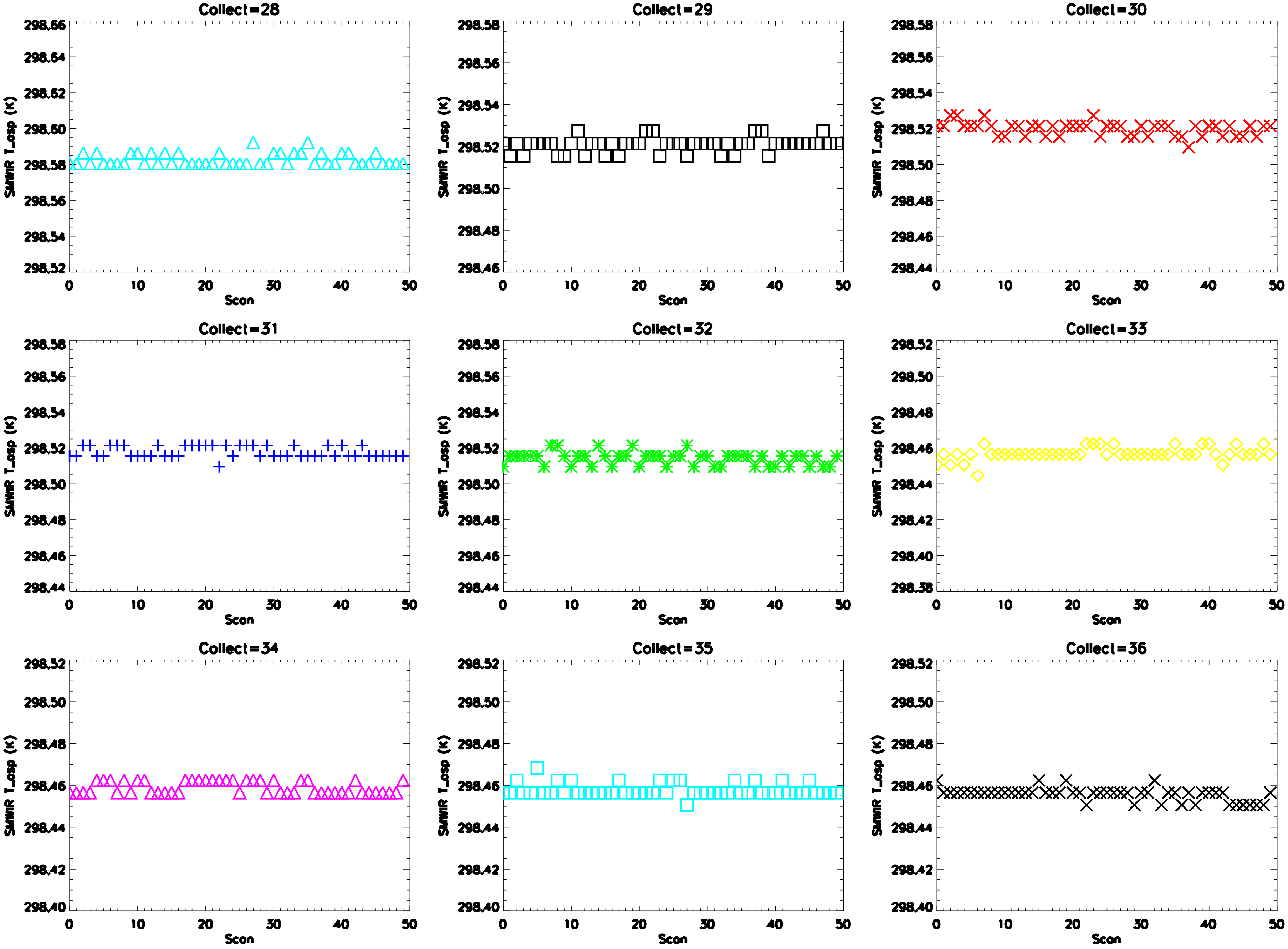


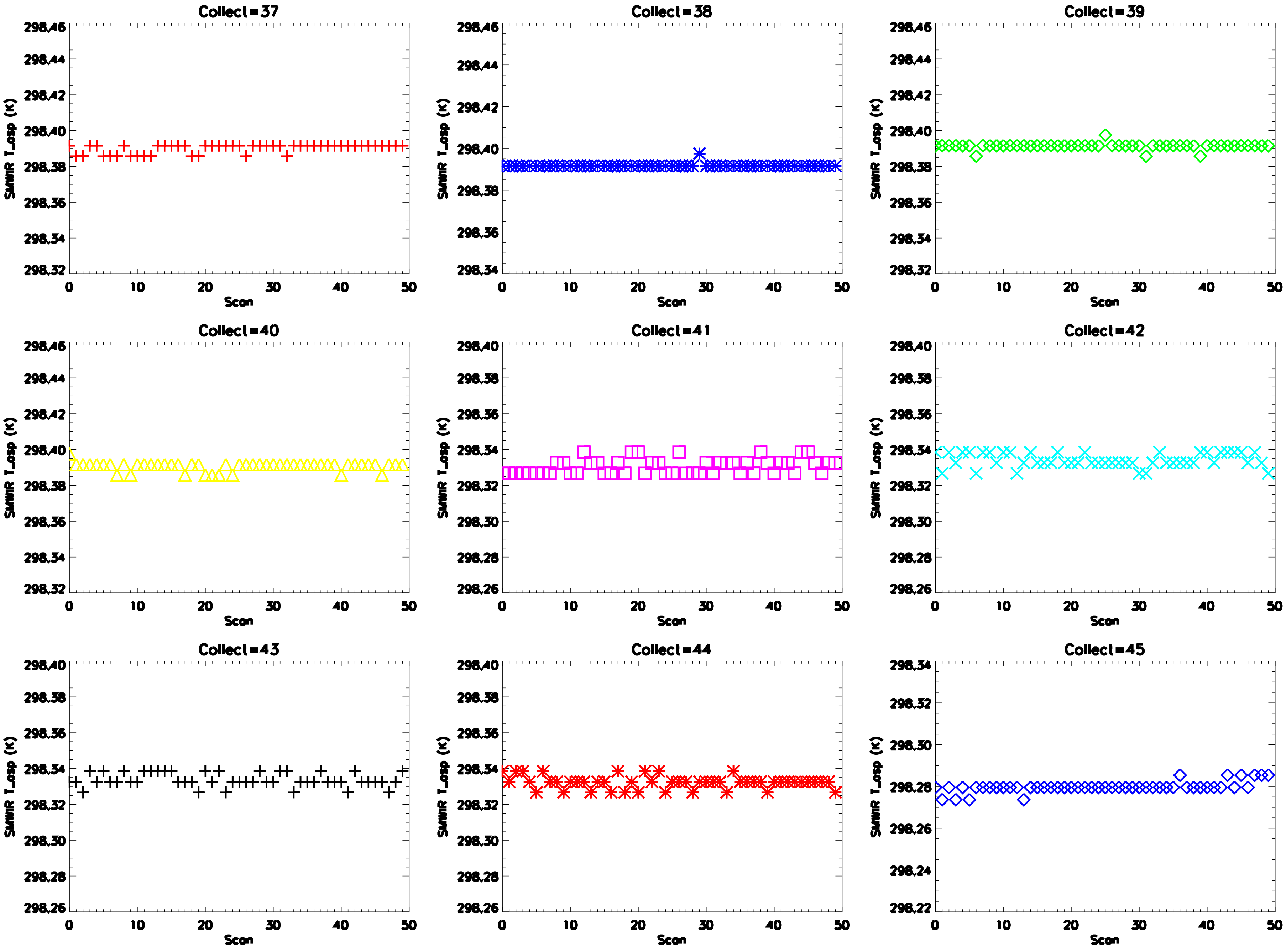

SMWIR T_asp vs Time
SMWIR T_asp (K)
300.0
299.5
299.0
298.5
298.0
297.5
−500
0
500
1000
1500
2000
Time (min)


Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SMWIR T_osp (K)
Scan
0
10
20
30
40
50
299.00
299.02
299.04
299.06
299.08
299.10
299.12
299.14
299.16
299.18


Collect=10
299.12
299.10
299.08
299.06
299.04
299.02
299.00
298.98
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=11
299.12
299.10
299.08
299.06
299.04
299.02
299.00
298.98
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=12
299.10
299.08
299.06
299.04
299.02
299.00
298.98
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=13
298.98
298.96
298.94
298.92
298.90
298.88
298.86
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=14
298.98
298.96
298.94
298.92
298.90
298.88
298.86
298.84
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=15
298.98
298.96
298.94
298.92
298.90
298.88
298.86
298.84
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=16
298.96
298.94
298.92
298.90
298.88
298.86
298.84
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=17
298.86
298.84
298.82
298.80
298.78
298.76
298.74
298.72
SWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=18
298.86
298.84
298.82
298.80
298.78
298.76
298.74
298.72
SWIR T_osp (K)
0
10
20
30
40
50
Scan


Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
SMWIR T_osp (K)
Scan
298.86
298.84
298.82
298.80
298.78
298.76
298.74
298.72
298.70
298.68
298.66
298.64
298.62
298.60
298.58
298.56
298.54
298.52
0
10
20
30
40
50


Collect=28
298.66
298.64
298.62
298.60
298.58
298.56
298.54
298.52
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=29
298.58
298.56
298.54
298.52
298.50
298.48
298.46
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=30
298.58
298.56
298.54
298.52
298.50
298.48
298.46
298.44
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=31
298.58
298.56
298.54
298.52
298.50
298.48
298.46
298.44
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=32
298.58
298.56
298.54
298.52
298.50
298.48
298.46
298.44
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=33
298.52
298.50
298.48
298.46
298.44
298.42
298.40
298.38
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=34
298.52
298.50
298.48
298.46
298.44
298.42
298.40
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=35
298.52
298.50
298.48
298.46
298.44
298.42
298.40
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=36
298.52
298.50
298.48
298.46
298.44
298.42
298.40
SMWIR T_osp (K)
0
10
20
30
40
50
Scan


Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
SMWIR T_osp (K)
Scan
0
10
20
30
40
50
298.46
298.44
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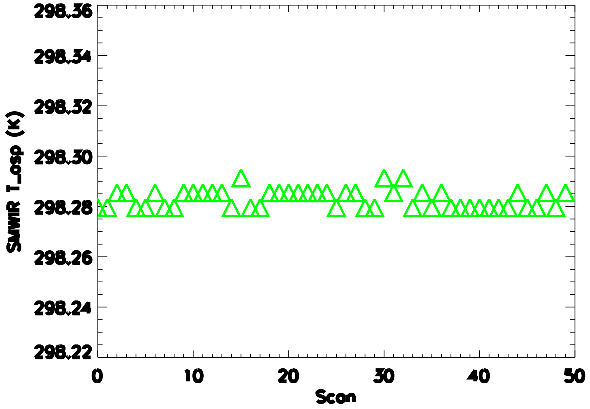
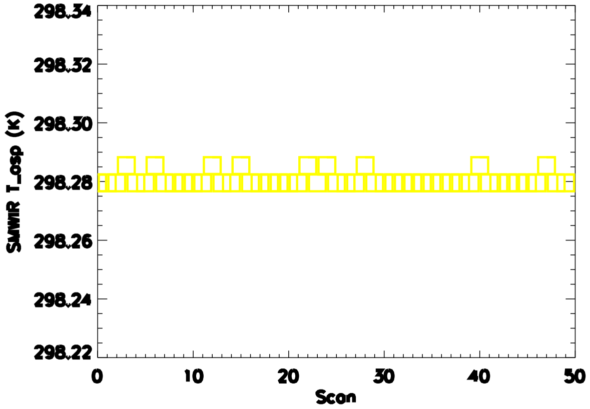
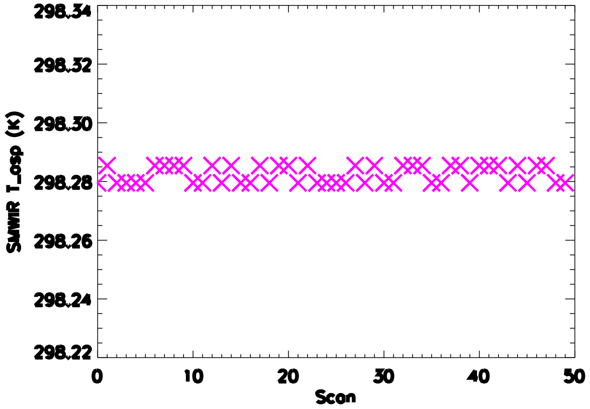
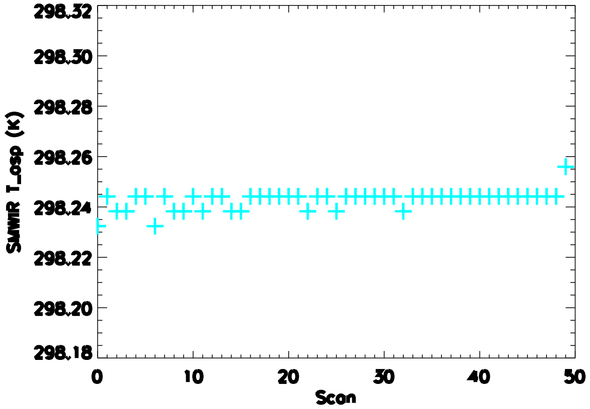
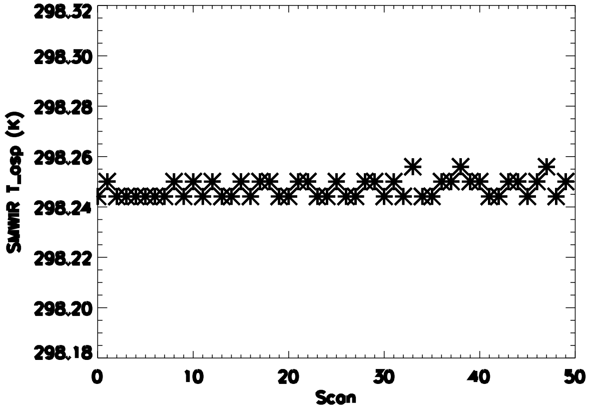
298.26
298.24
298.22

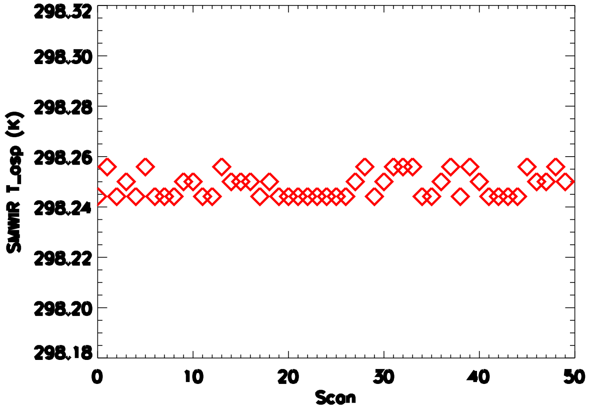

Collect=46

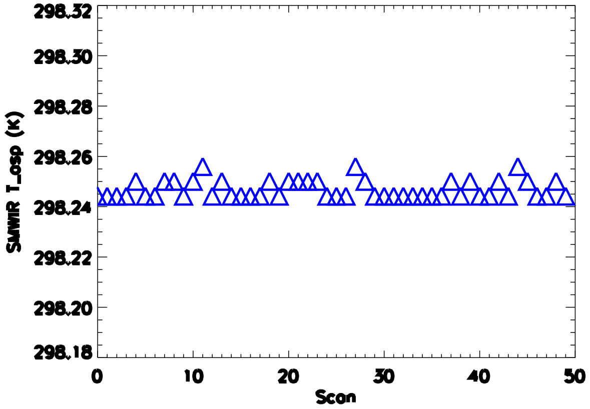

Collect=47

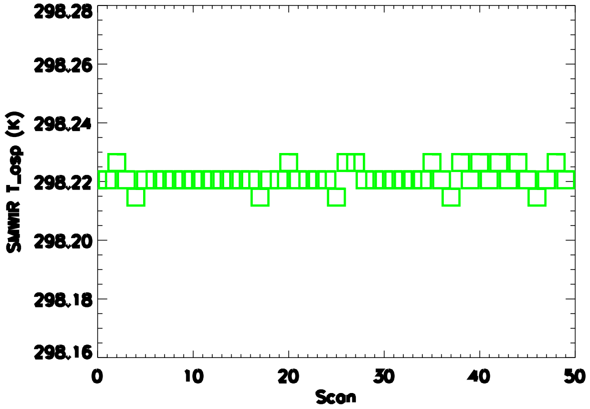

Collect=48

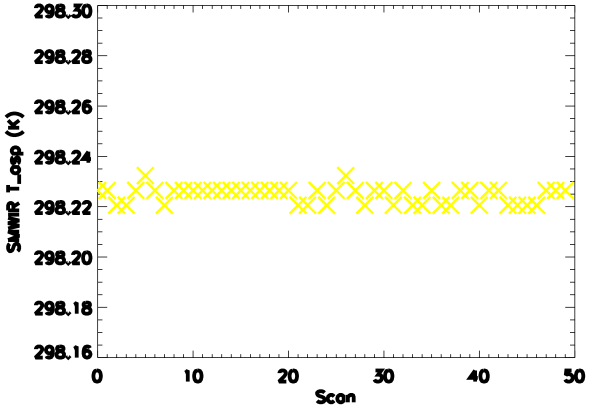

Collect=49

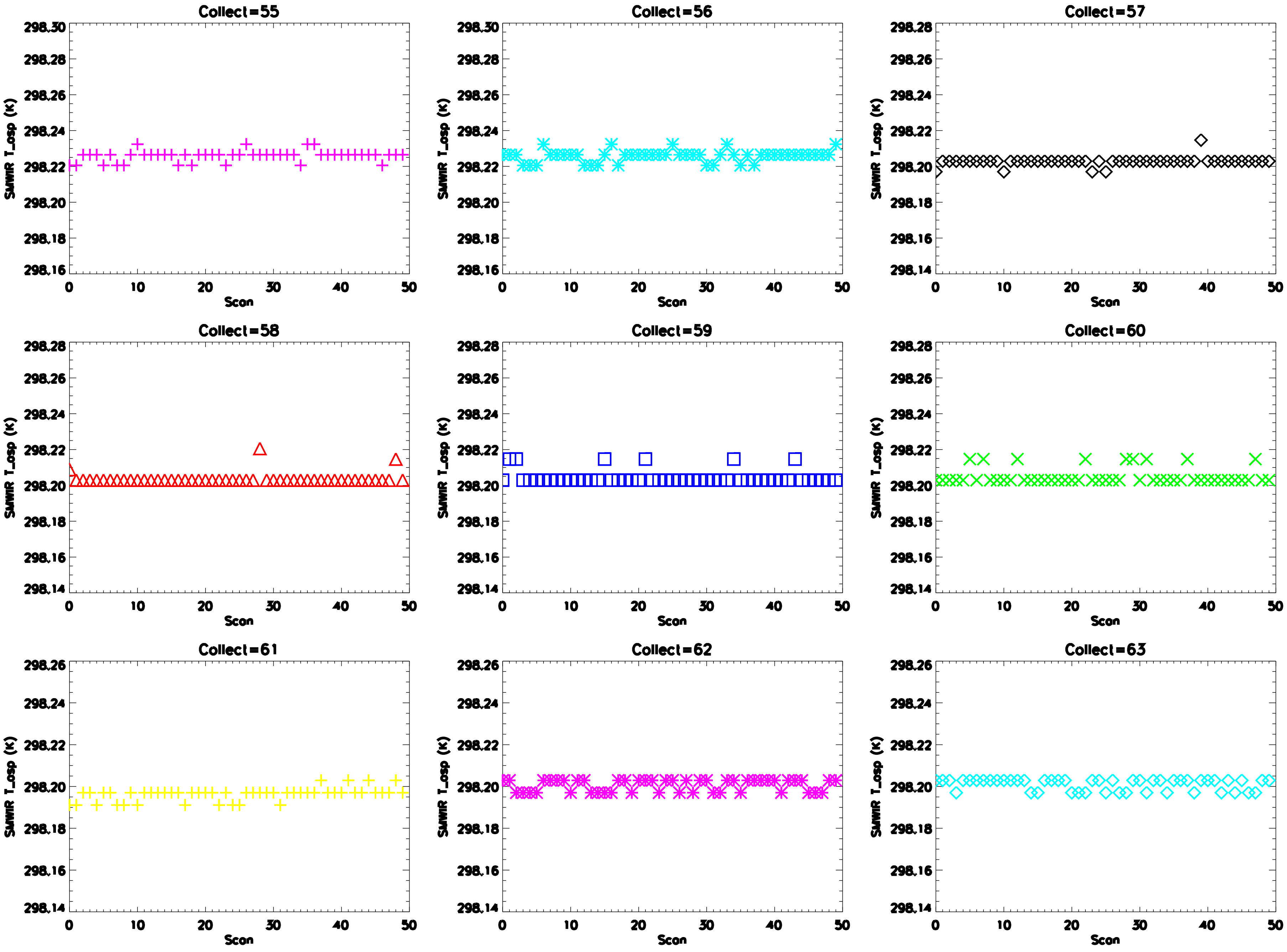

Collect=50

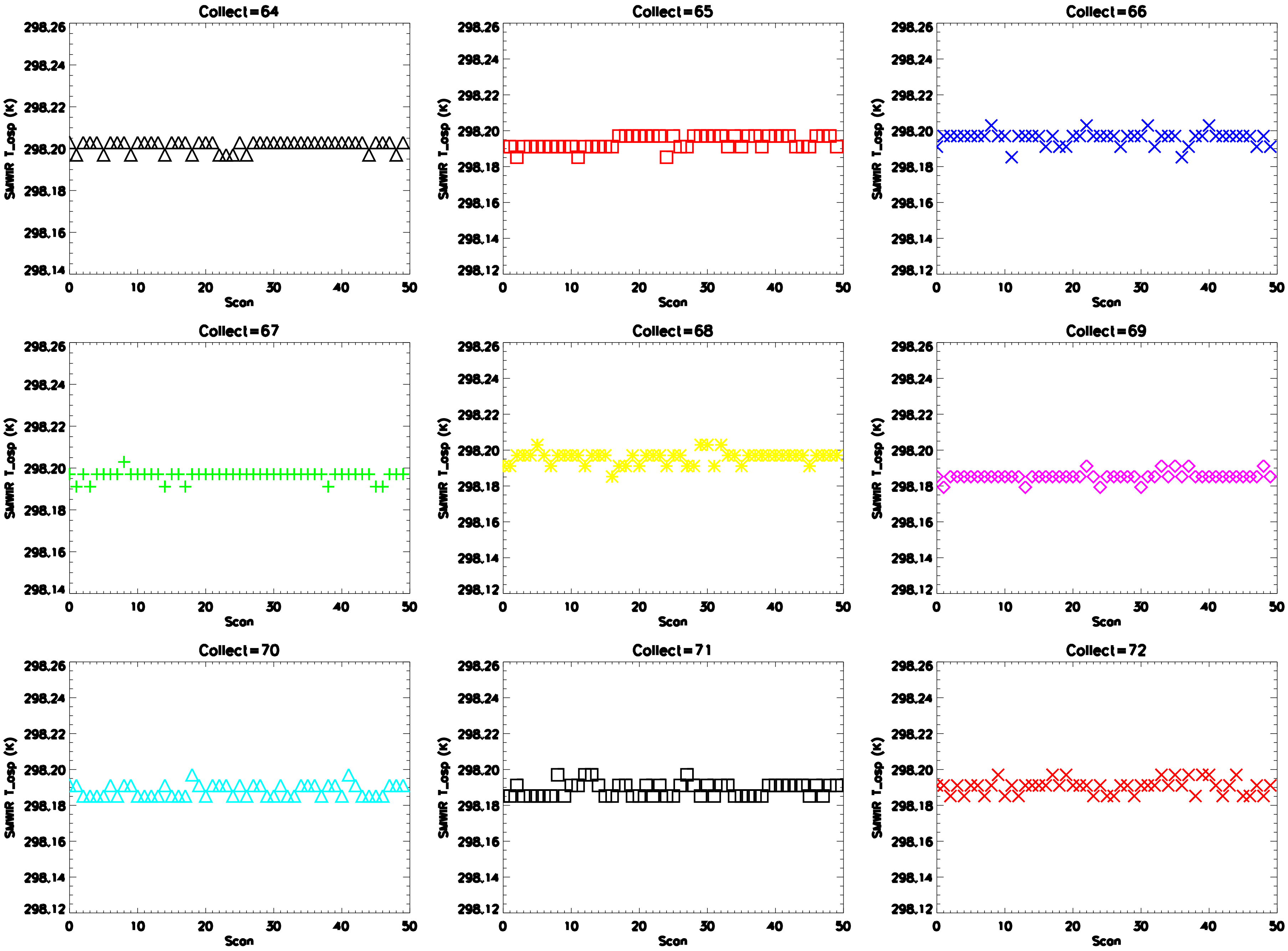

Collect=51


Collect=52


Collect=53


Collect=54


Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
SMWIR T_osp (K)
Scan
298.14
298.16
298.18
298.20
298.22
298.24
298.26
298.28
298.30
0
10
20
30
40
50


Collect=64
Collect=65
Collect=66
Collect=67
Collect=68
Collect=69
Collect=70
Collect=71
Collect=72
SMWIR T_osp (K)
Scan
298.12
298.14
298.16
298.18
298.20
298.22
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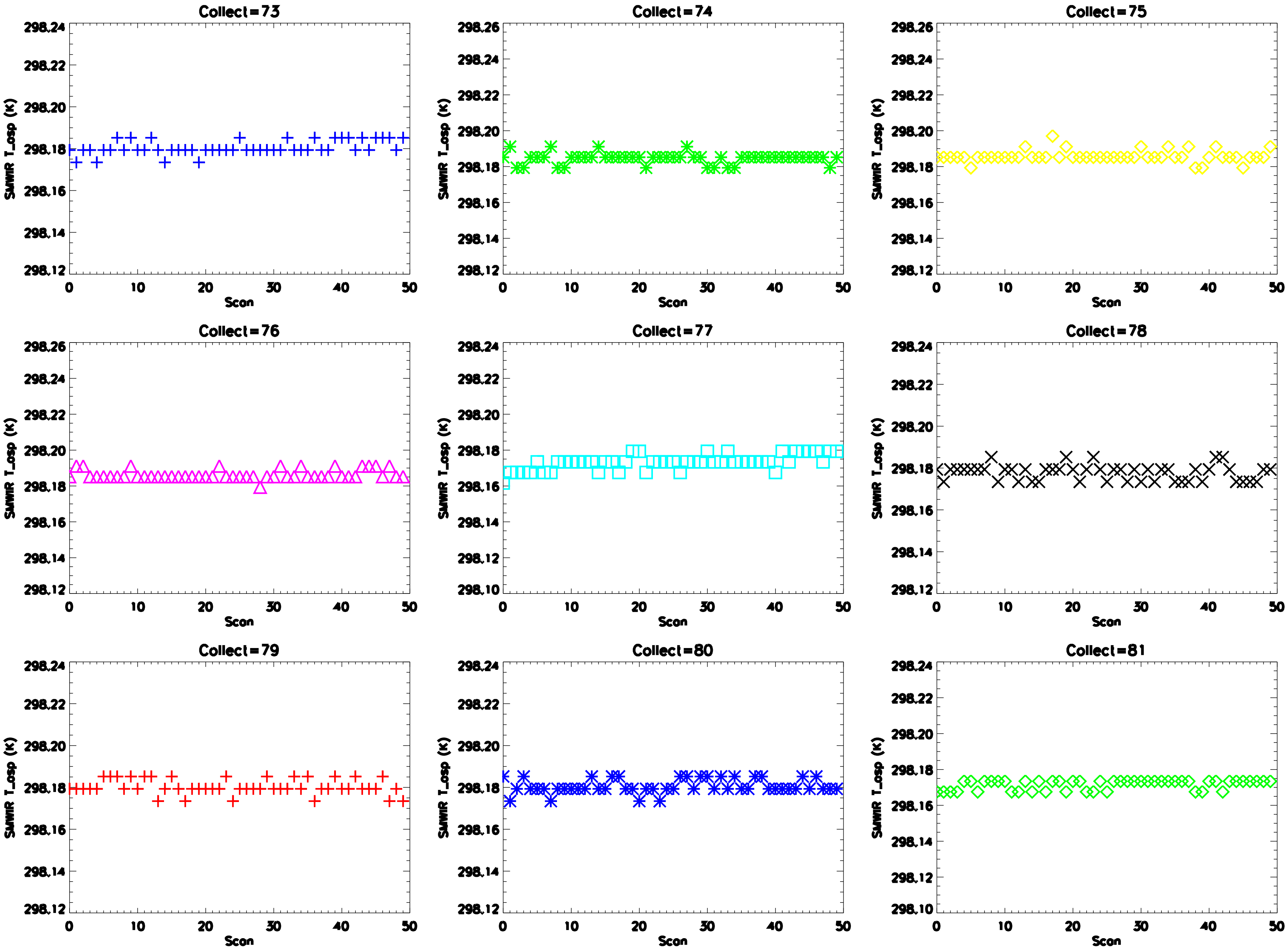
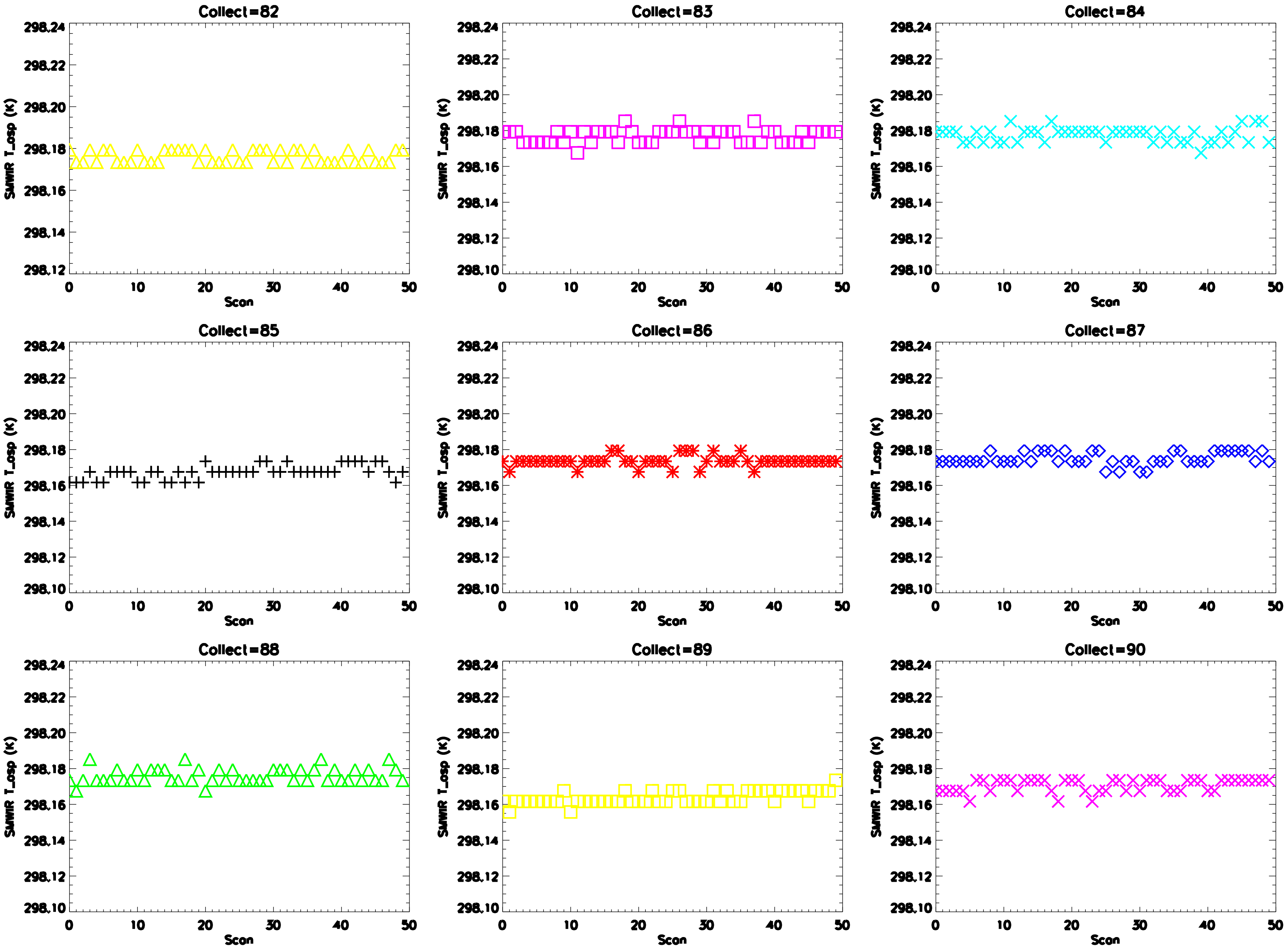
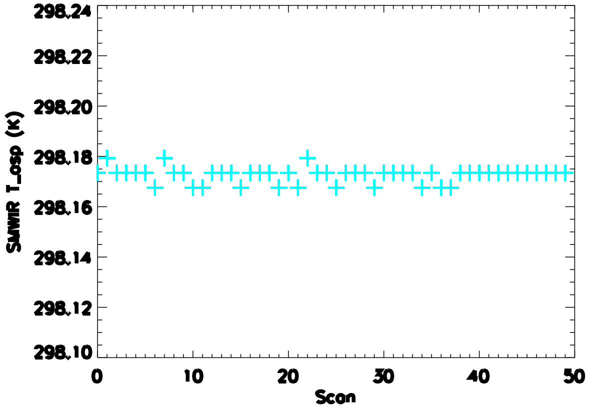
298.26
0
10
20
30
40
50

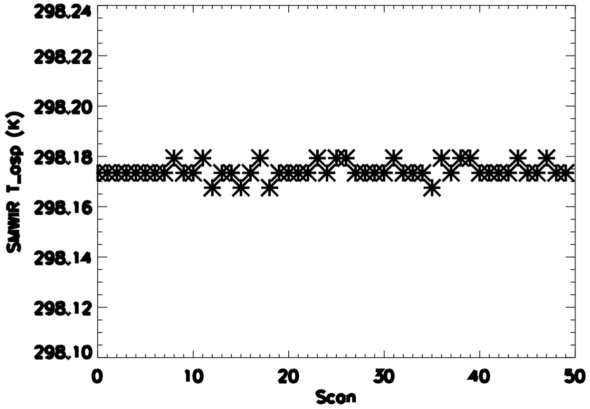

Collect=73
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=74
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=75
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=76
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=77
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=78
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=79
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=80
298.24
298.22
298.20
298.18
298.16
298.14
298.12
SMWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=81
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
SMWIR T_osp (K)
0
10
20
30
40
50
Scan


Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
SMWIR T_osp (K)
Scan
298.10
298.12
298.14
298.16
298.18
298.20
298.22
298.24
0
10
20
30
40
50

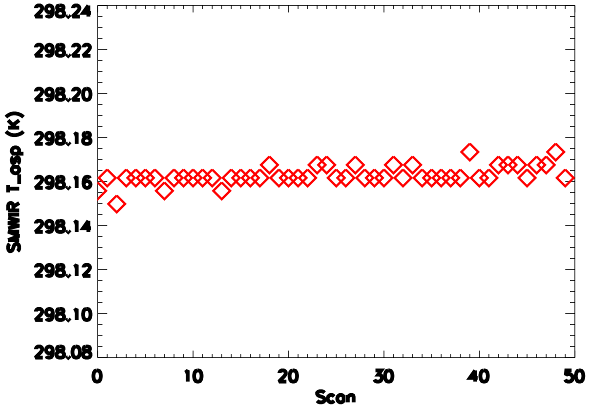
Collect=91



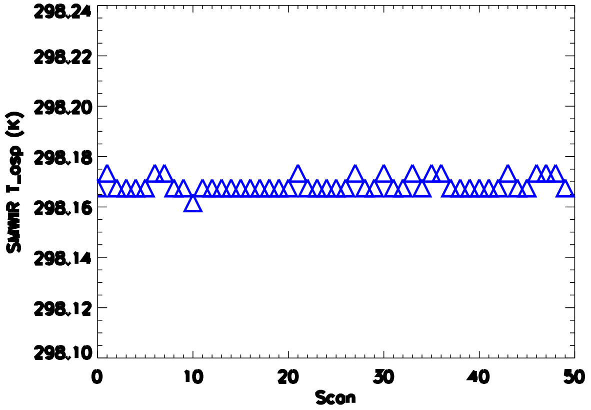
Collect=92



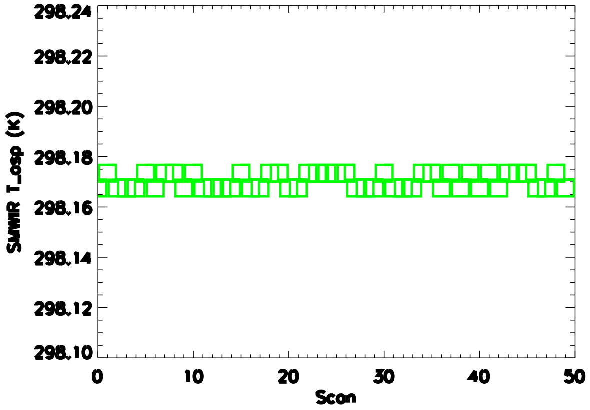
Collect=93



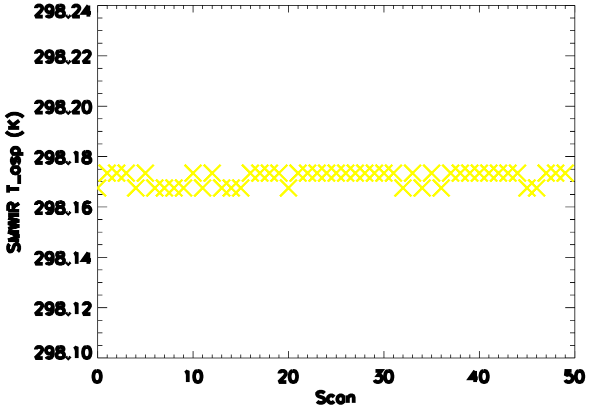
Collect=94



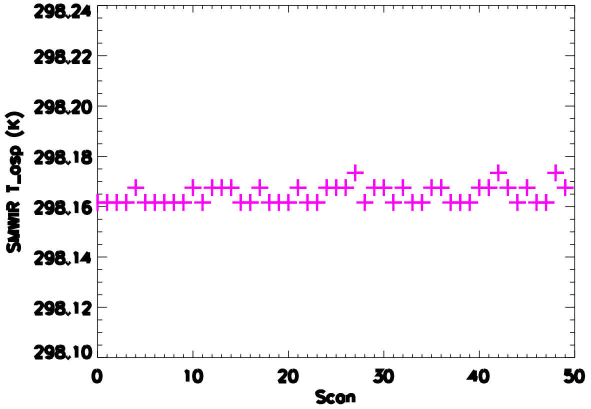
Collect=95



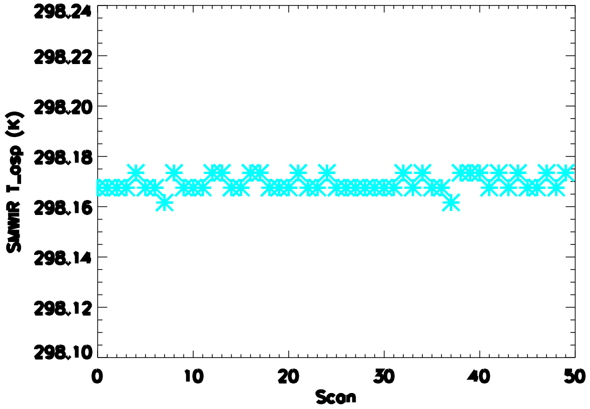
Collect=96



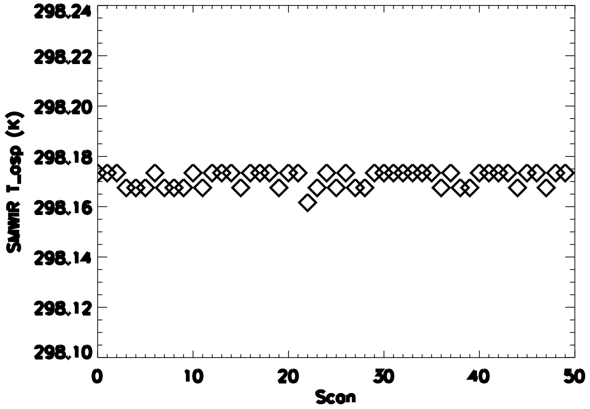
Collect=97

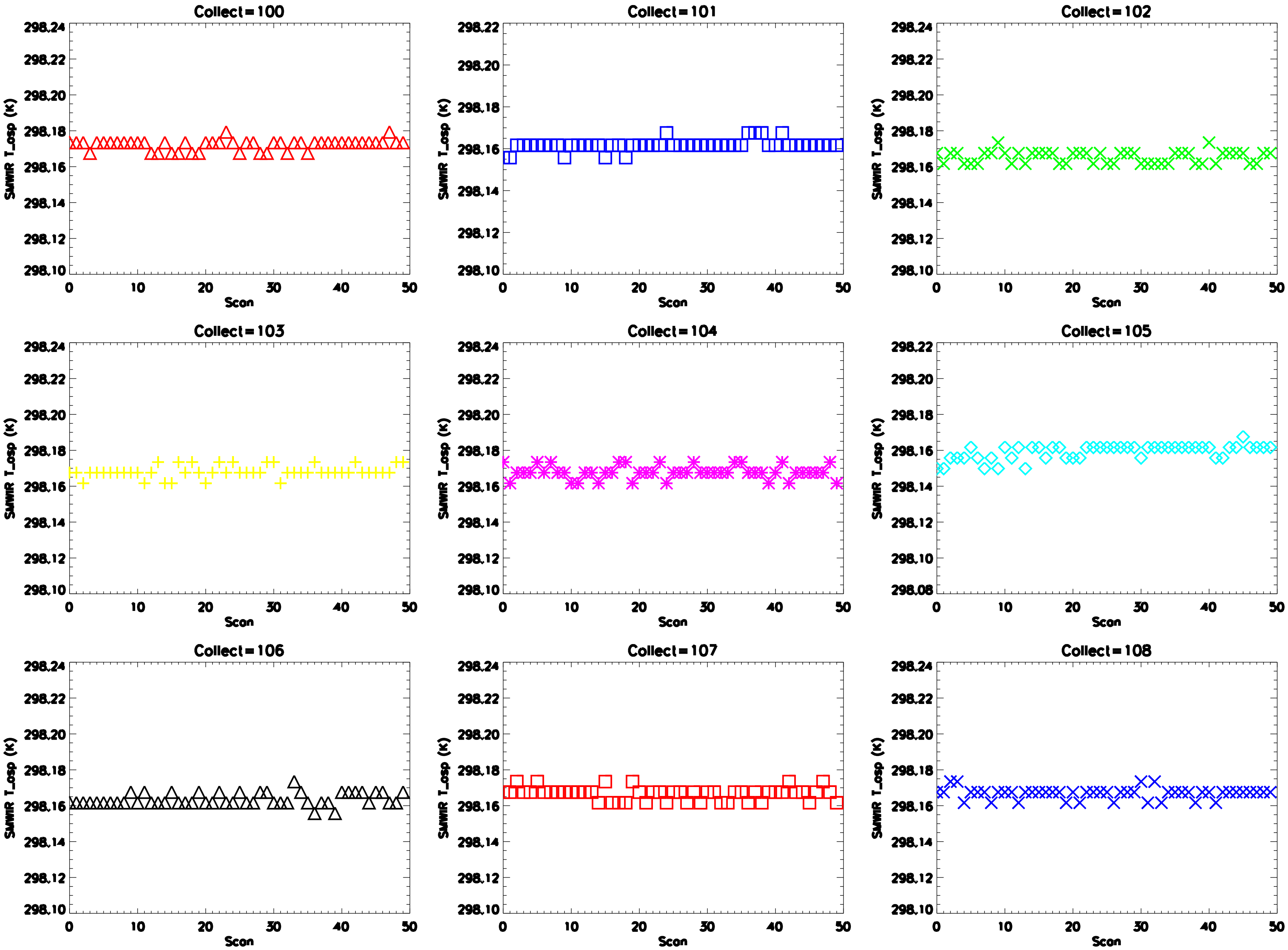


Collect=98

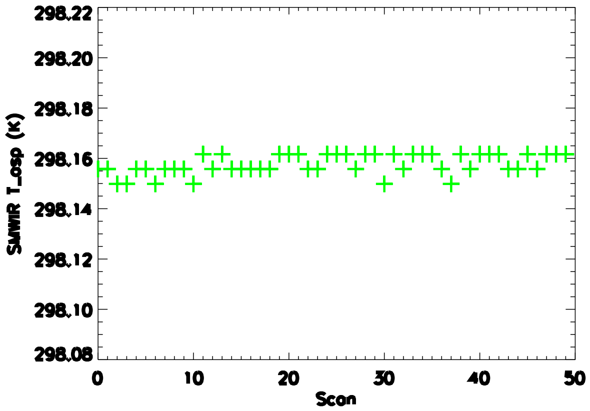


Collect=99

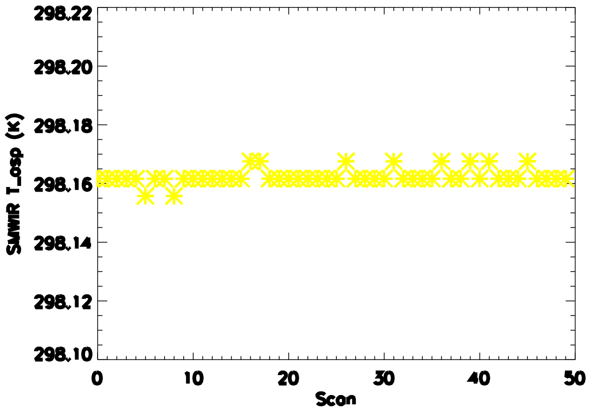



Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
SMWIR T_osp (K)
Scan
298.08
298.10
298.12
298.14
298.16
298.18
298.20
298.22
298.24
0
10
20
30
40
50

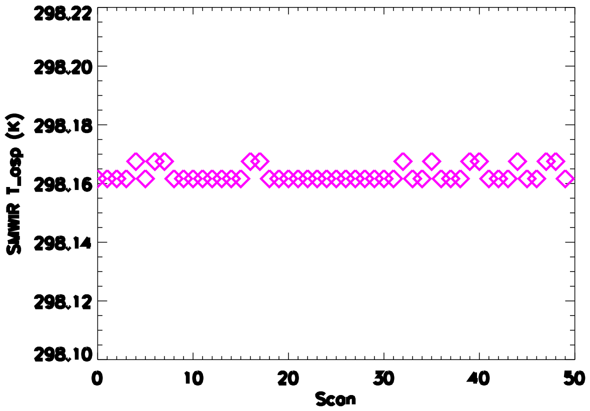
Collect=109



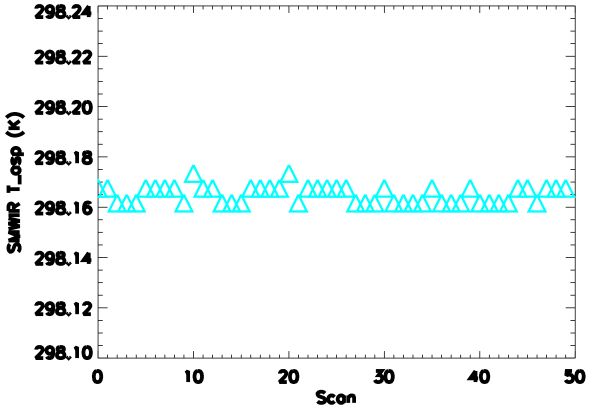
Collect=110



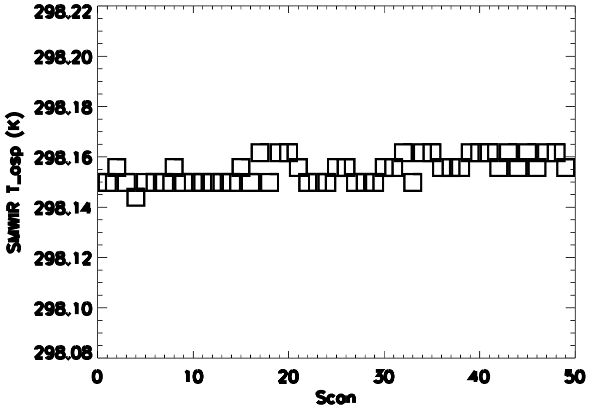
Collect=111



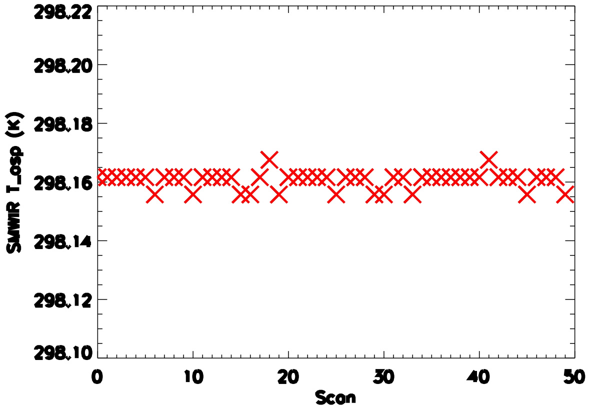
Collect=112



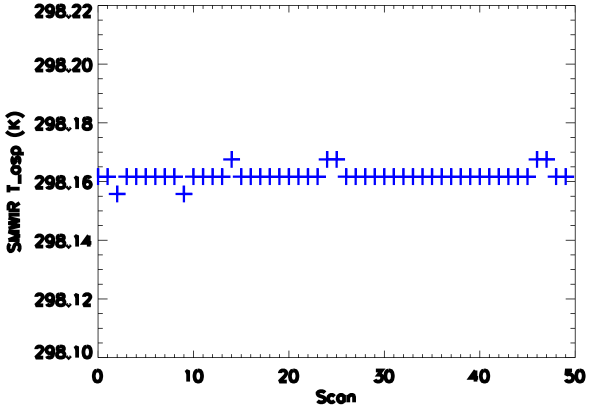
Collect=113



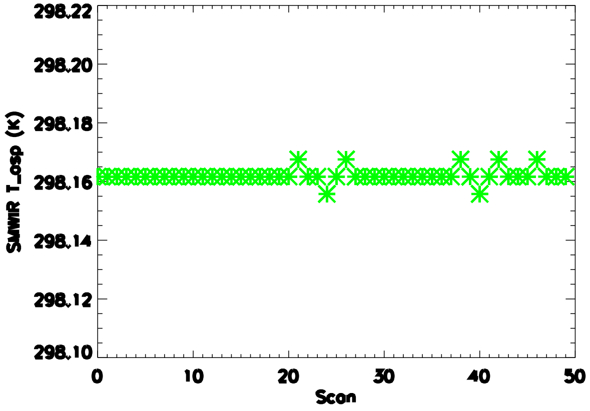
Collect=114



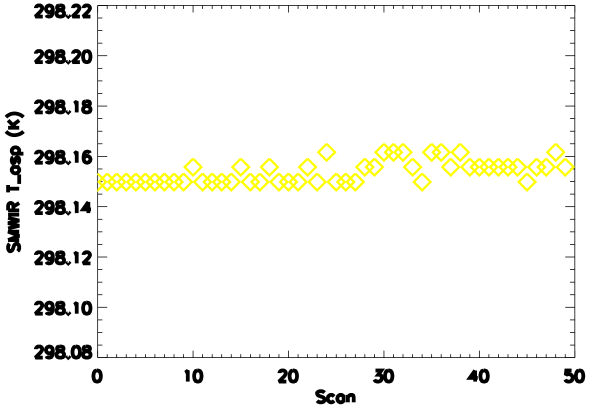
Collect=115

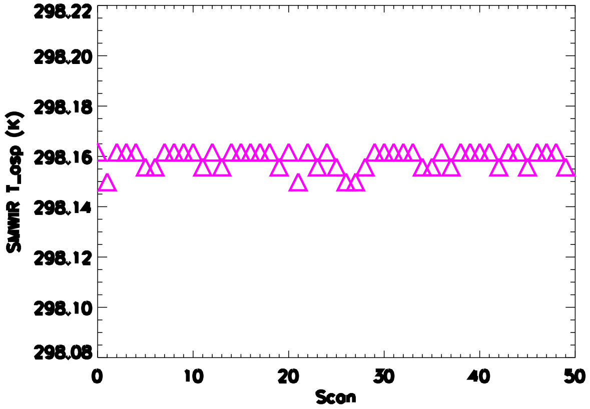


Collect=116

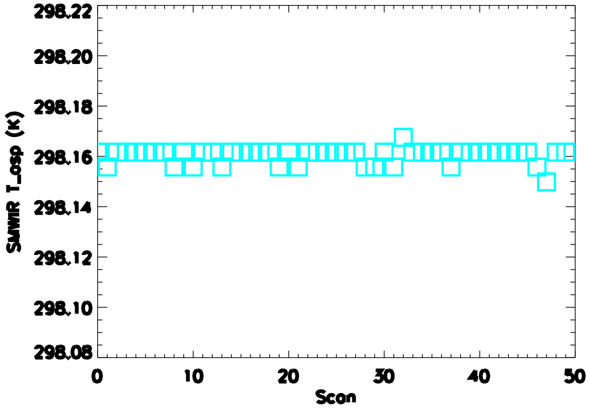


Collect=117

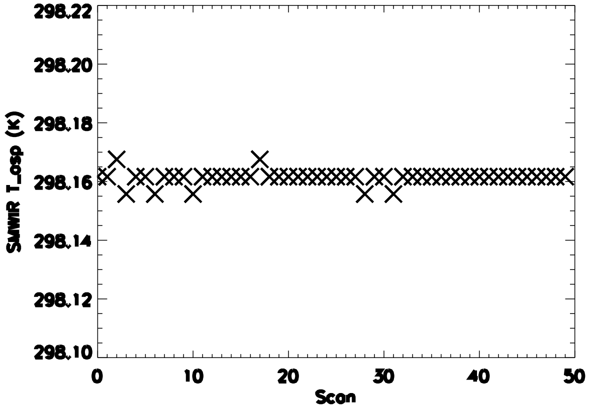




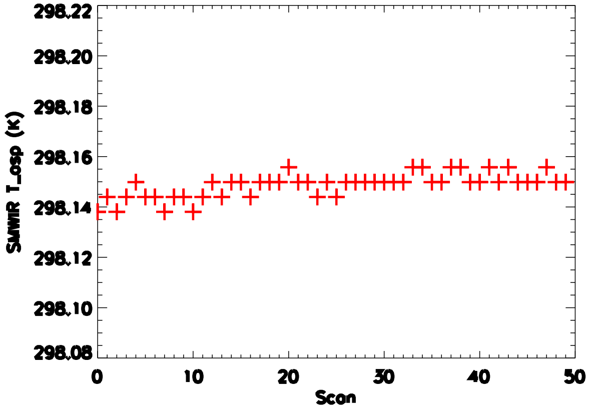
Collect=118



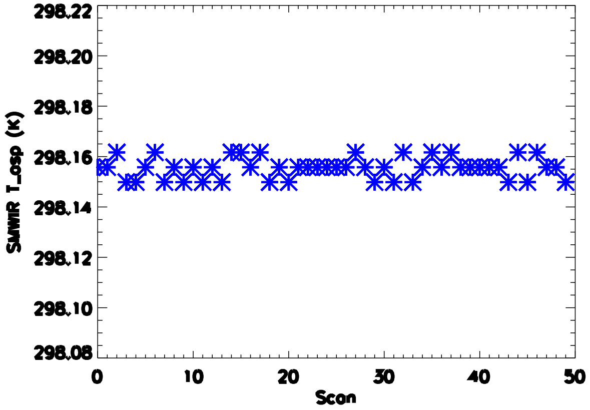
Collect=119



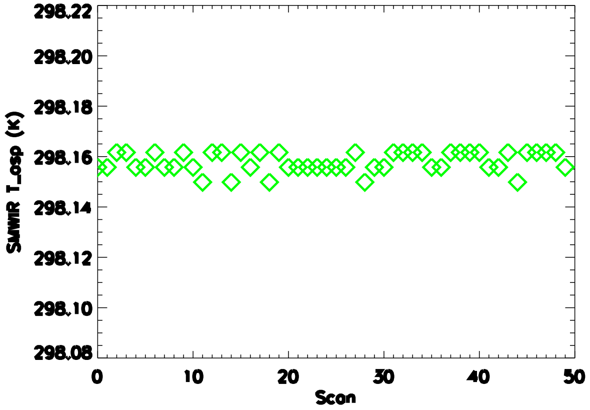
Collect=120



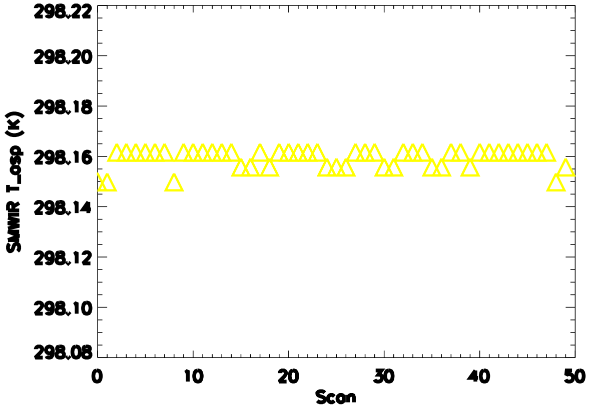
Collect=121



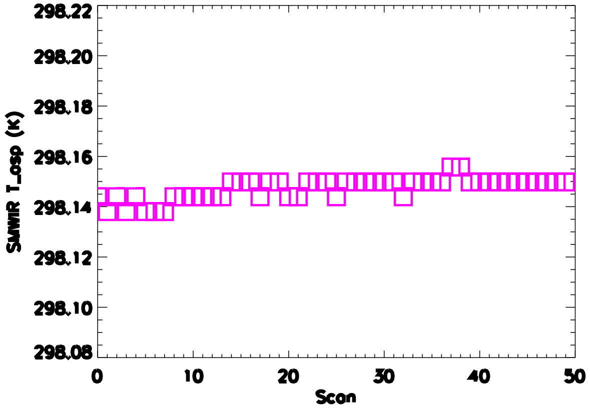
Collect=122



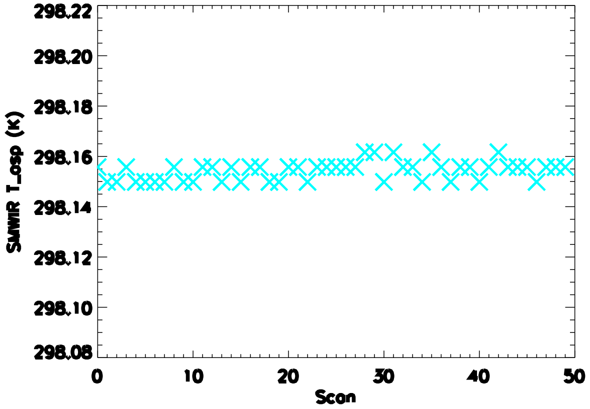
Collect=123



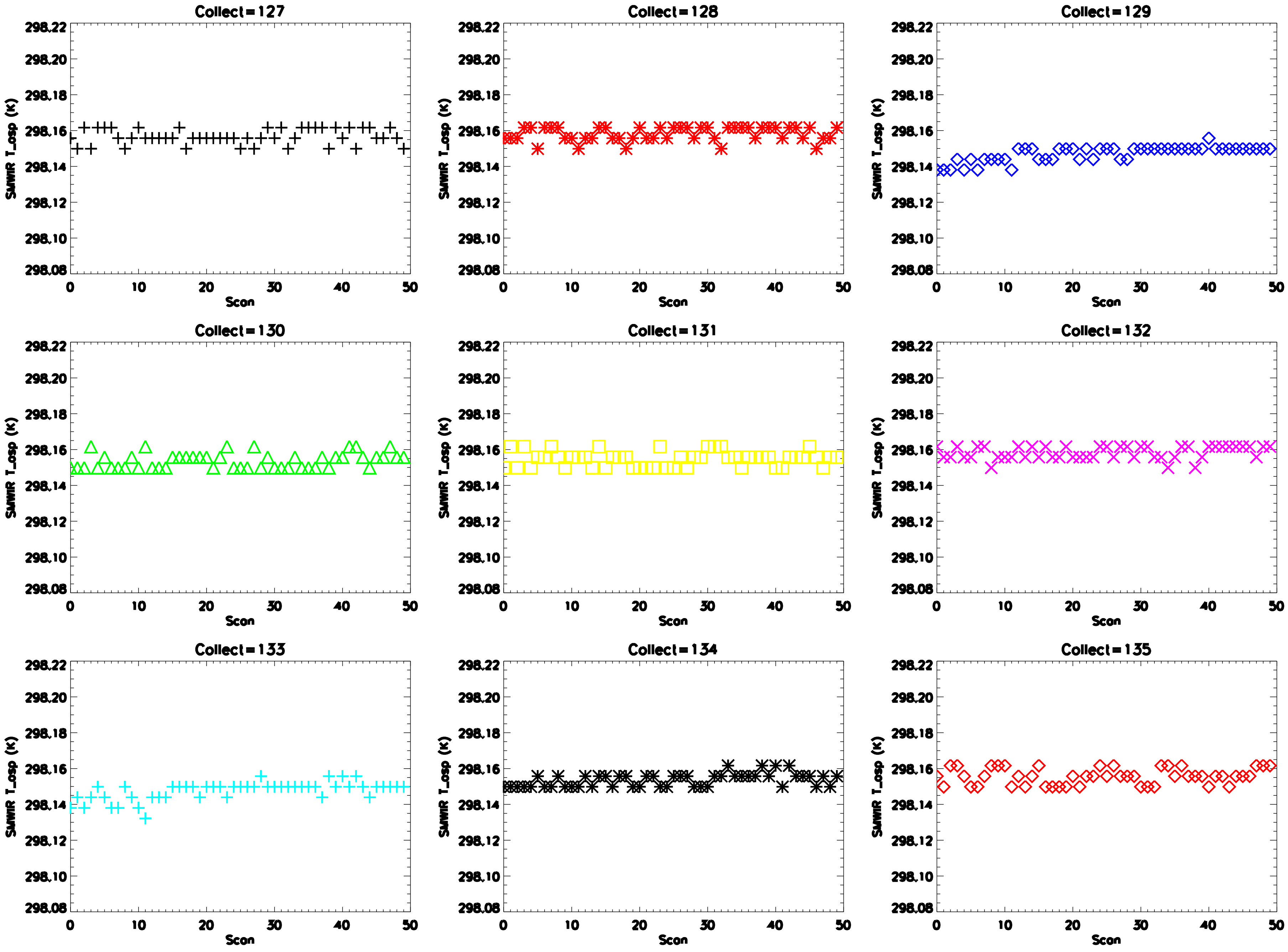
Collect=124

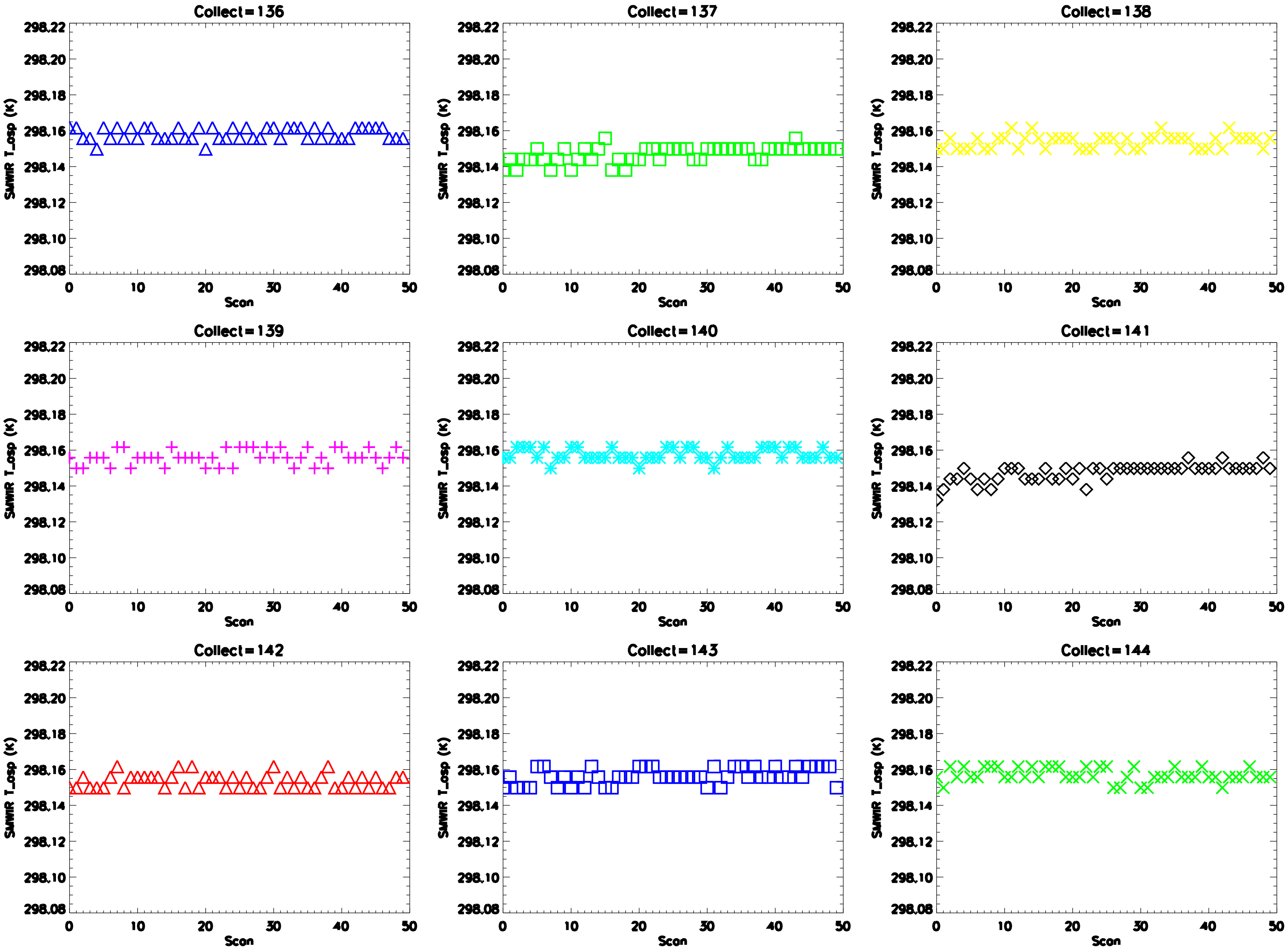


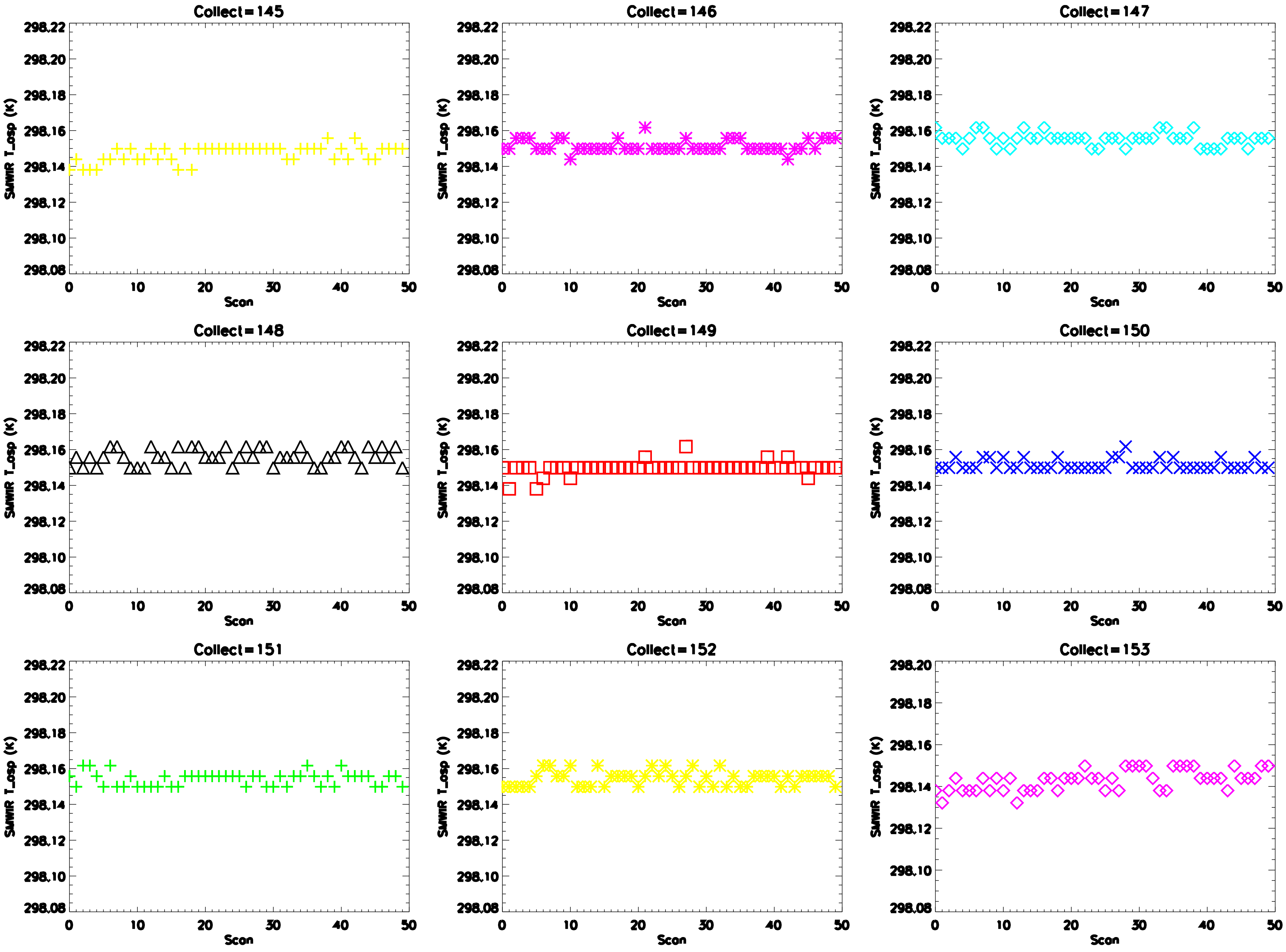
Collect=125

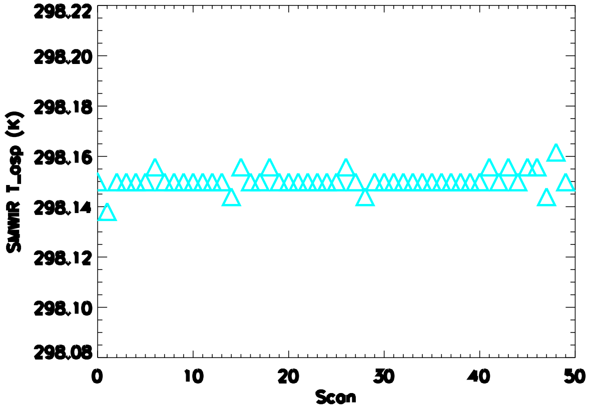


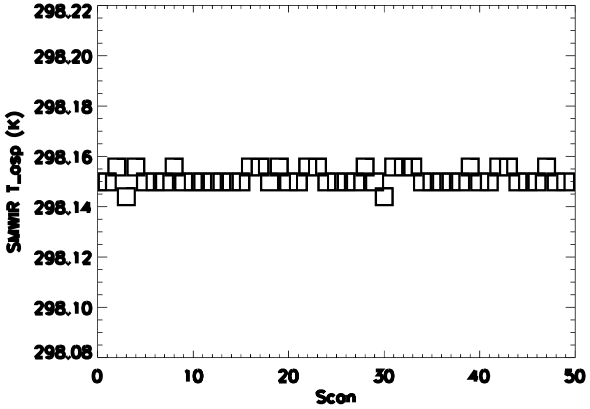
Collect=126

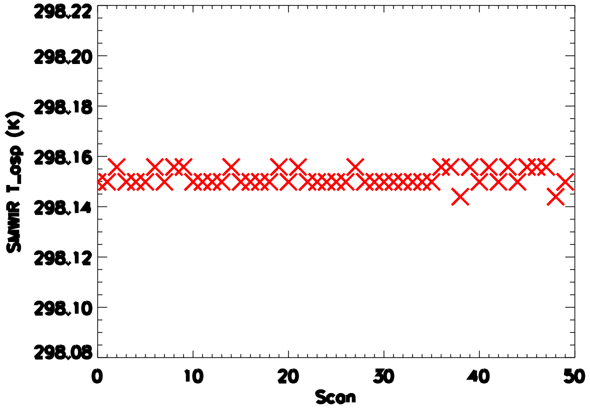

Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
SMWIR T_osp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
Scan
0
10
20
30
40
50

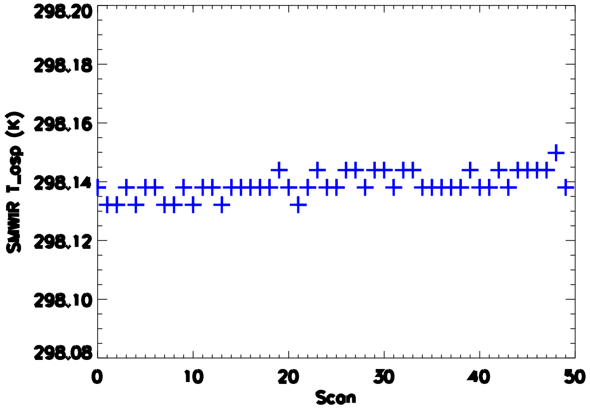

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
SAWIR T_osp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan

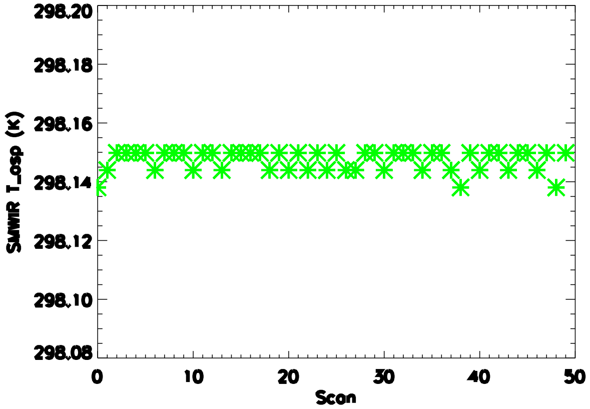

Collect = 145
Collect = 146
Collect = 147
Collect = 148
Collect = 149
Collect = 150
Collect = 151
Collect = 152
Collect = 153
SMWIR T_osp (K)
Scan
298.08
298.10
298.12
298.14
298.16
298.18
298.20
298.22
0
10
20
30
40
50

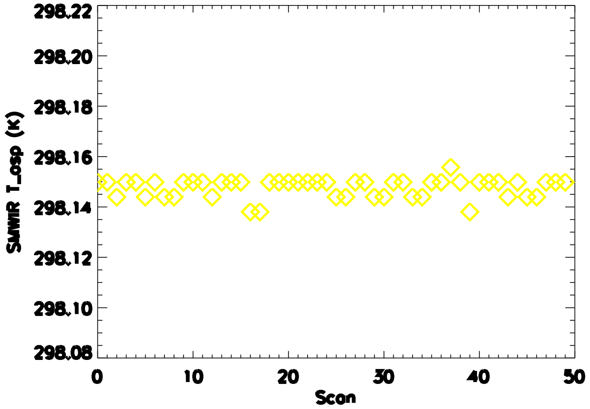

Collect=154

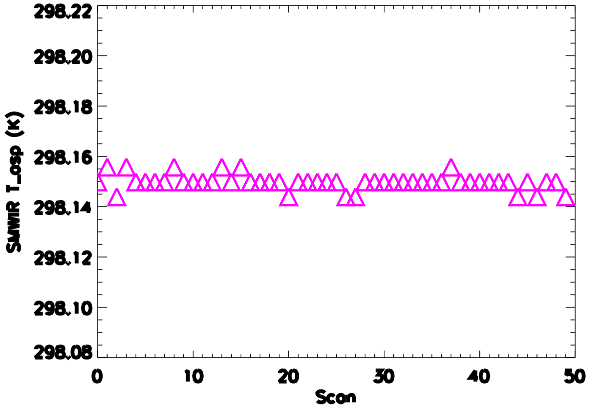

Collect=155

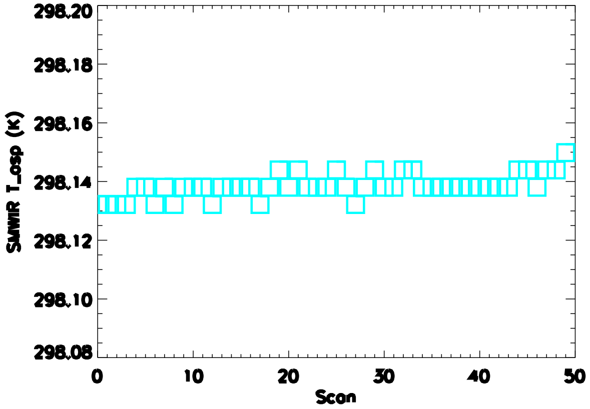

Collect=156

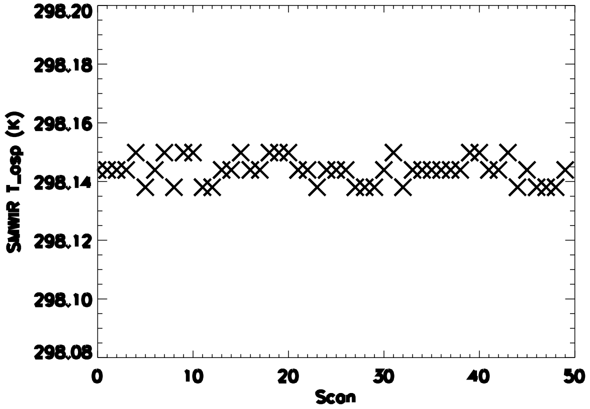

Collect=157

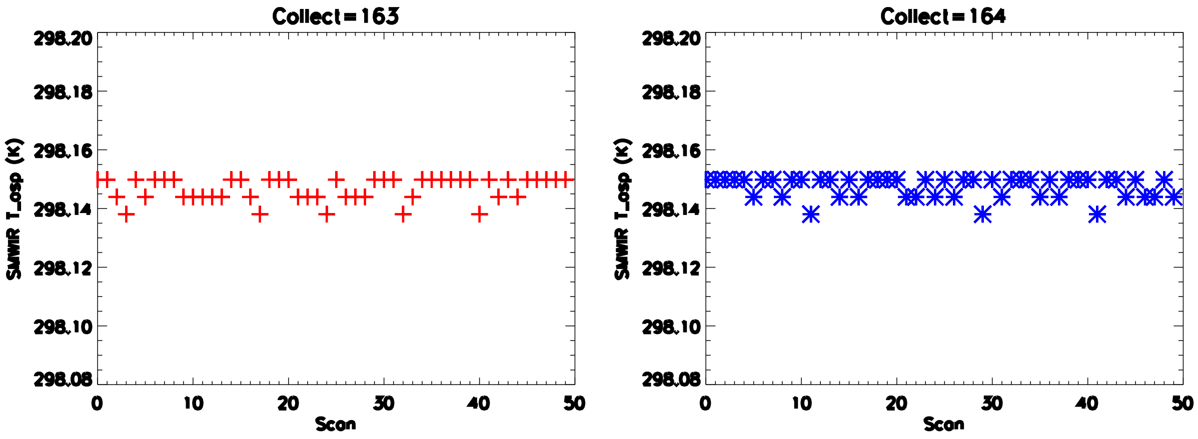

Collect=158

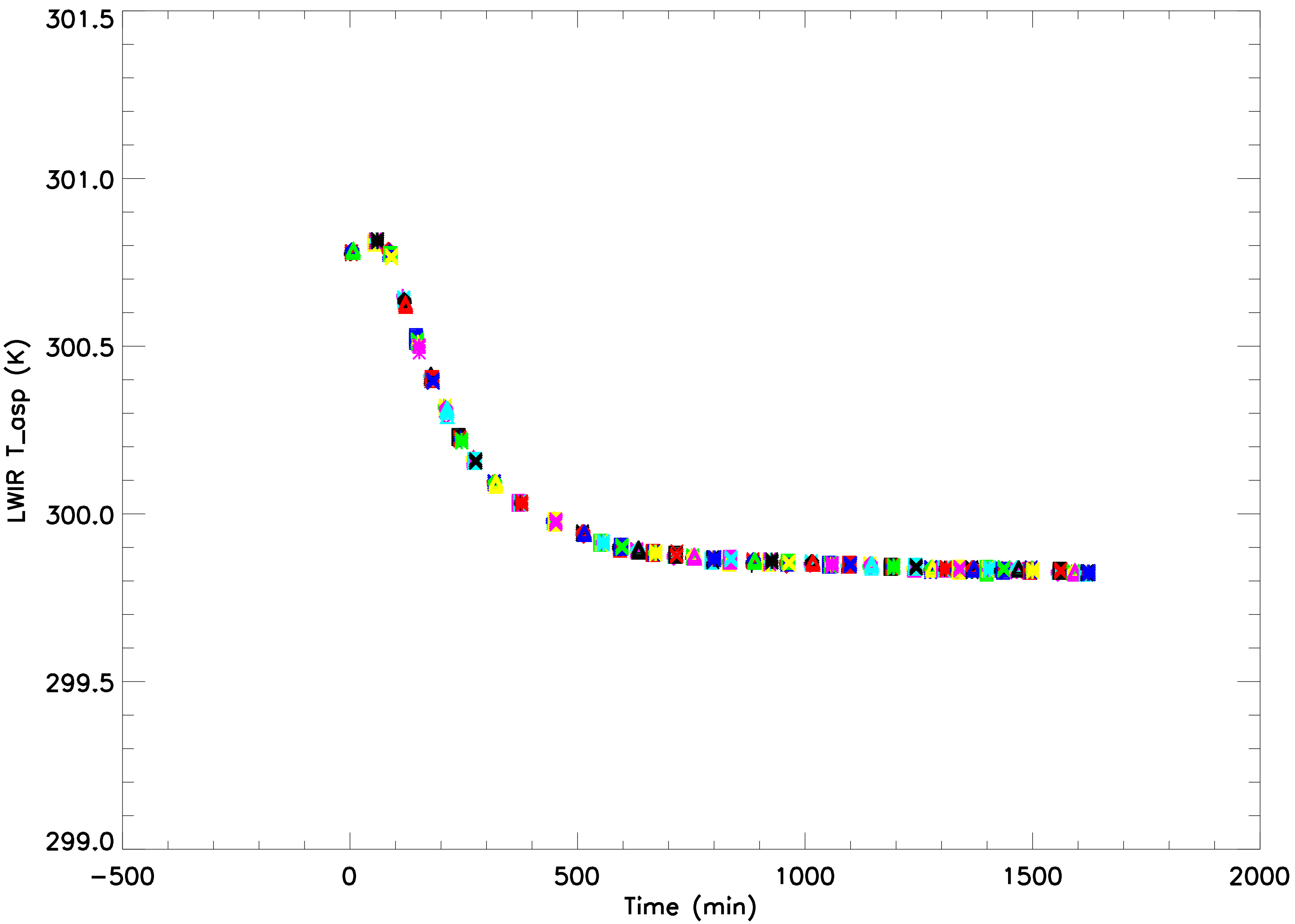

Collect=159


Collect=160

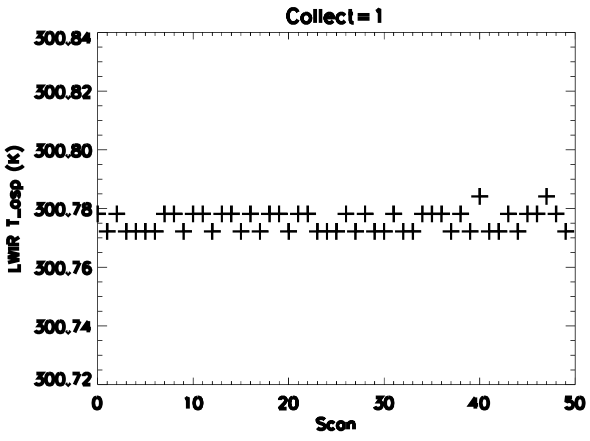

Collect=161

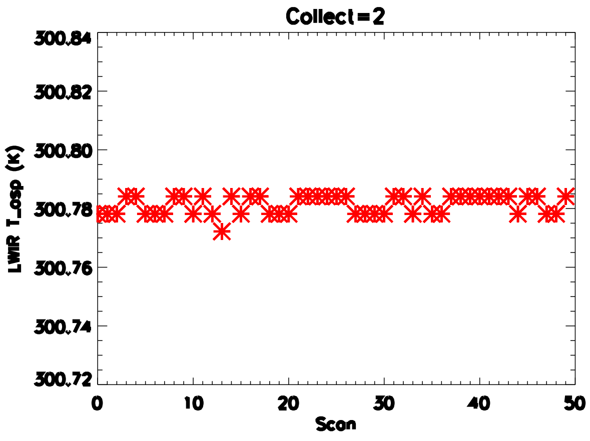

Collect=162

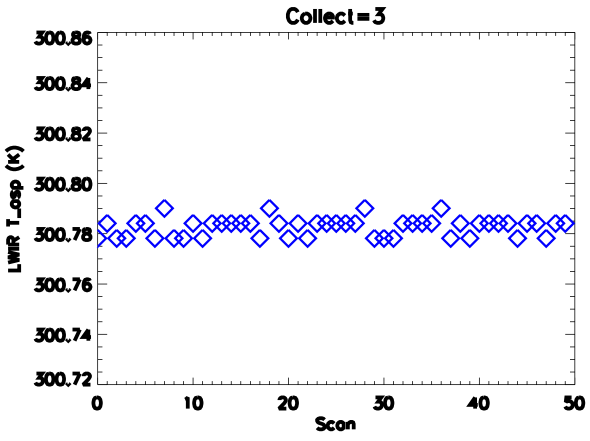

SMWIR T_asp vs Scan

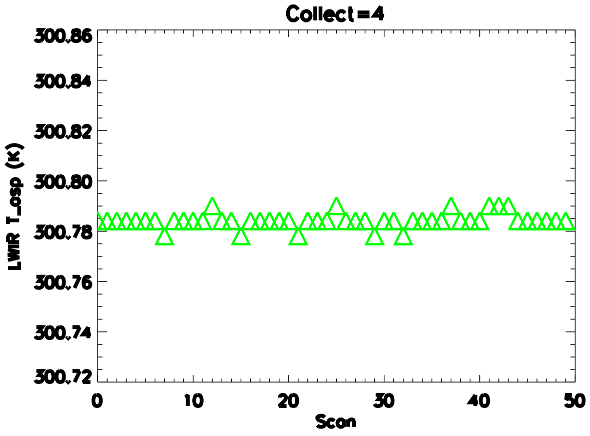


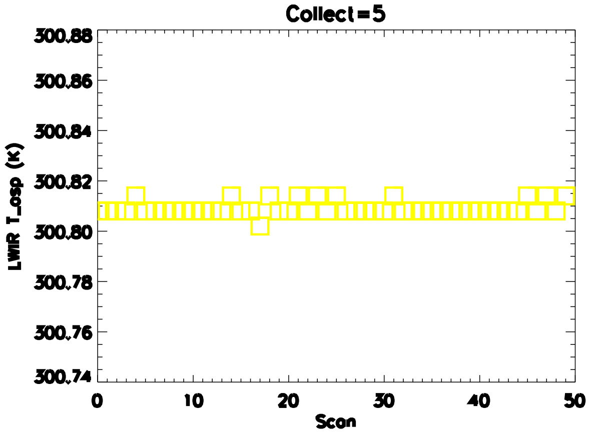
LWIR T_asp vs Time

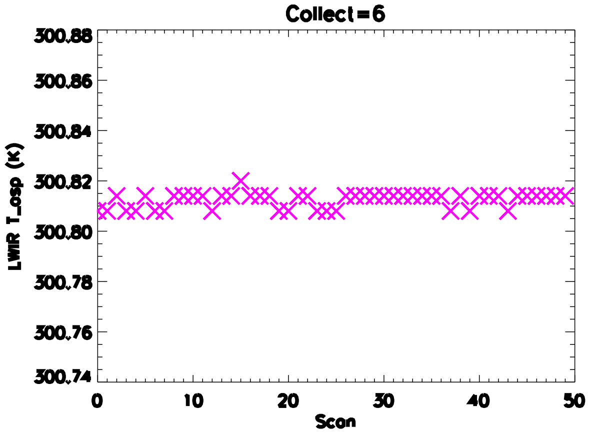

Collect=1

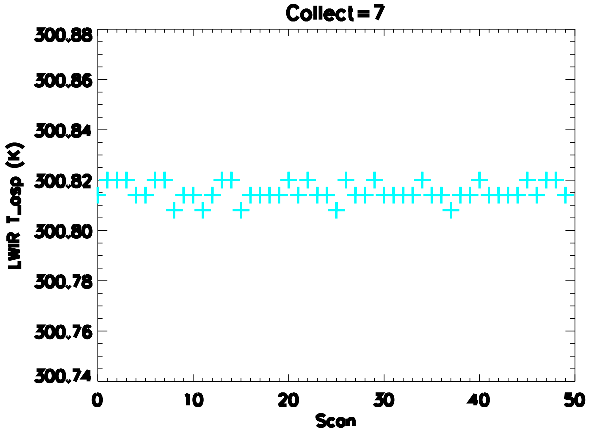

Collect=2

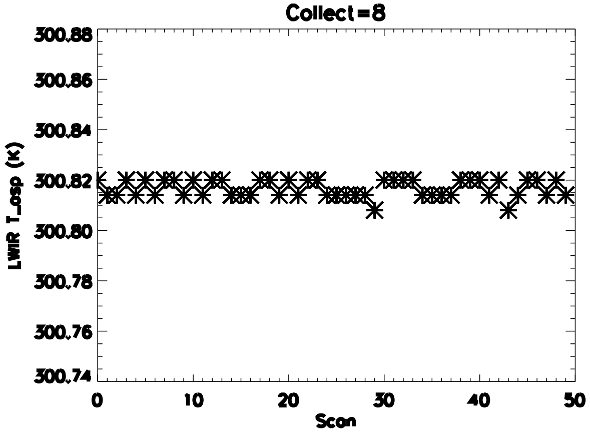

Collect=3

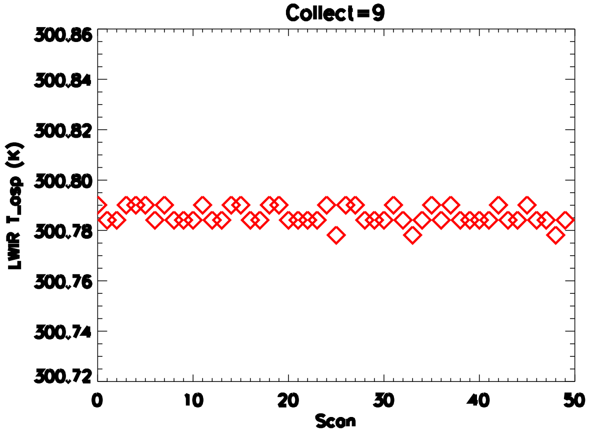

Collect=4

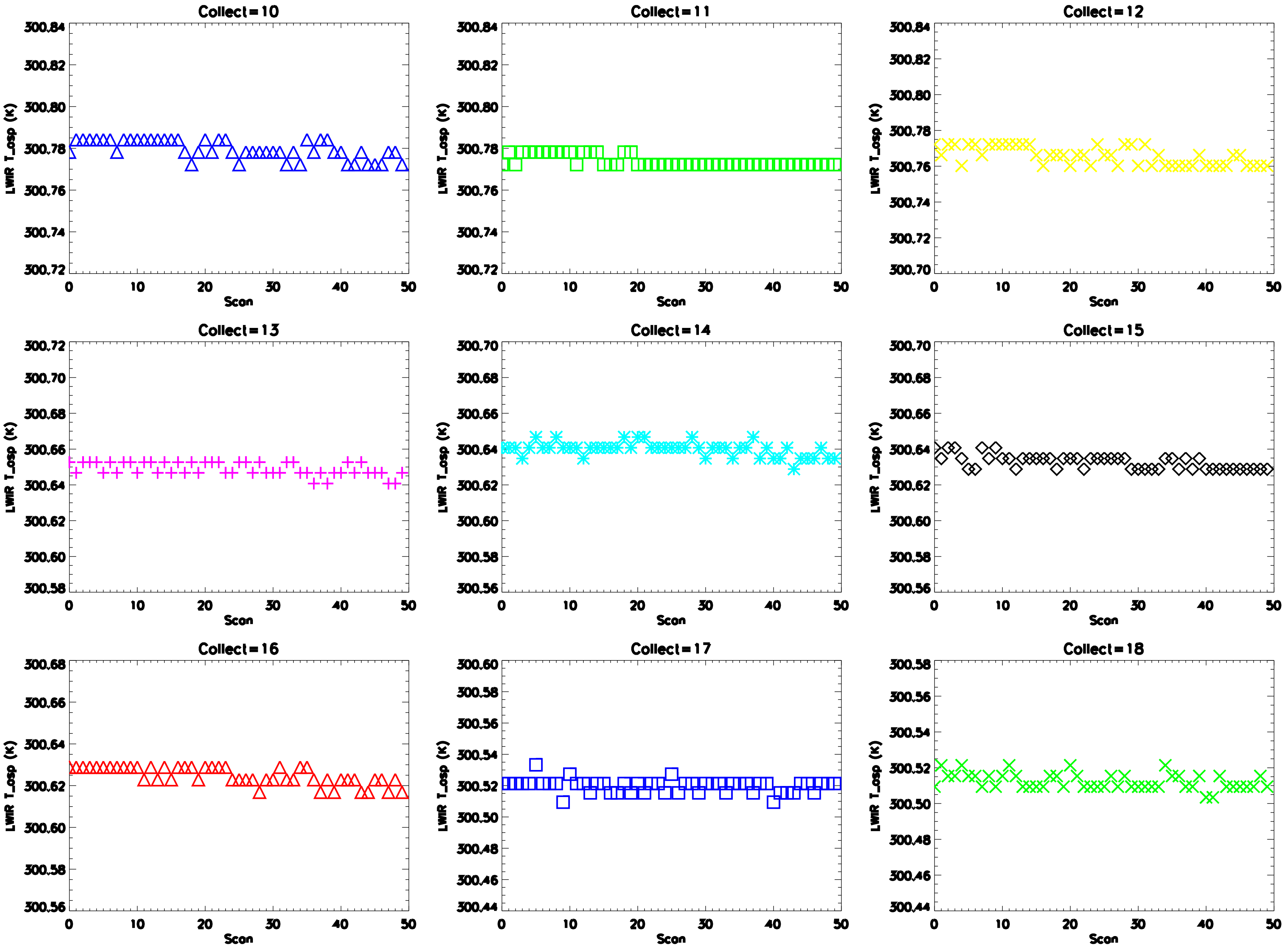

Collect=5

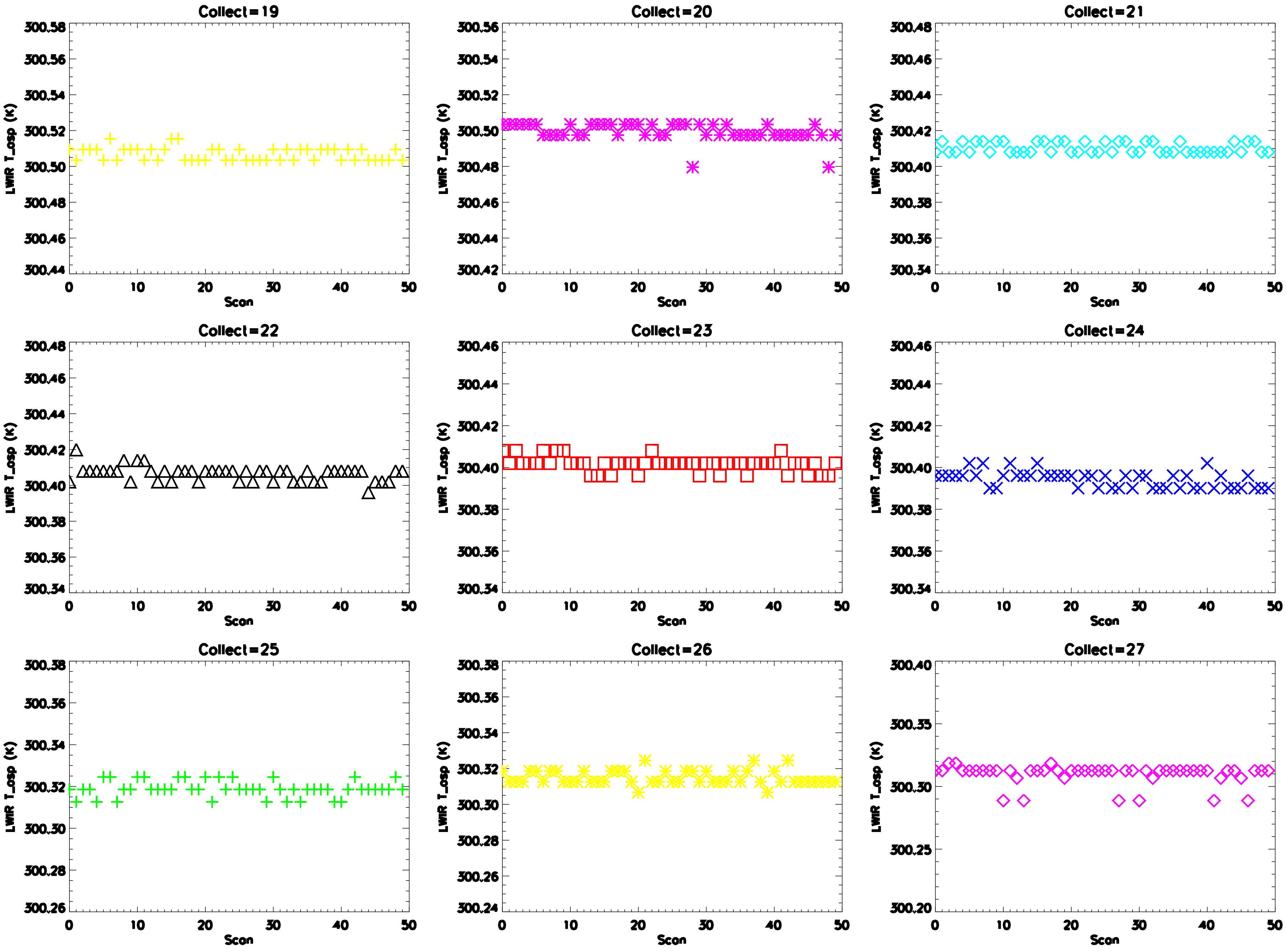

Collect=6

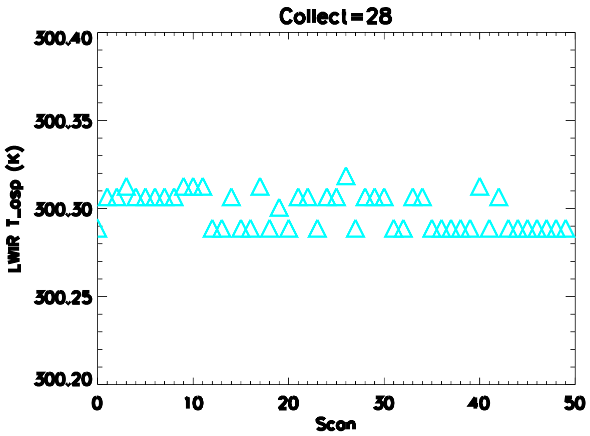

Collect=7

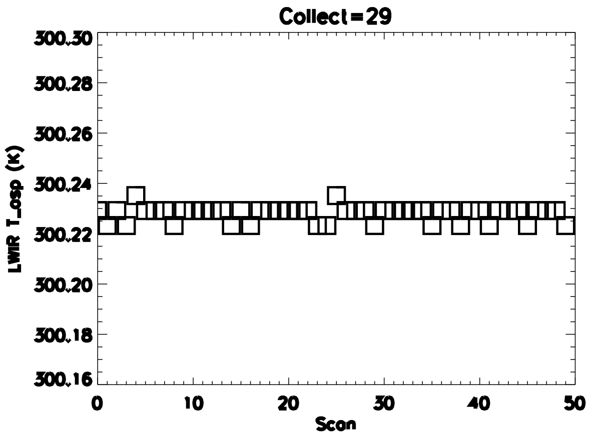

Collect=8

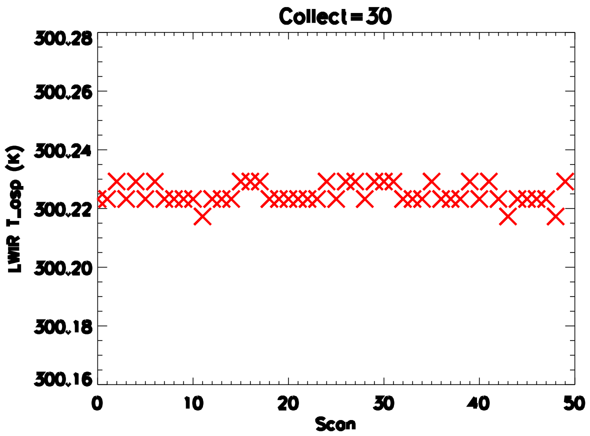

Collect=9

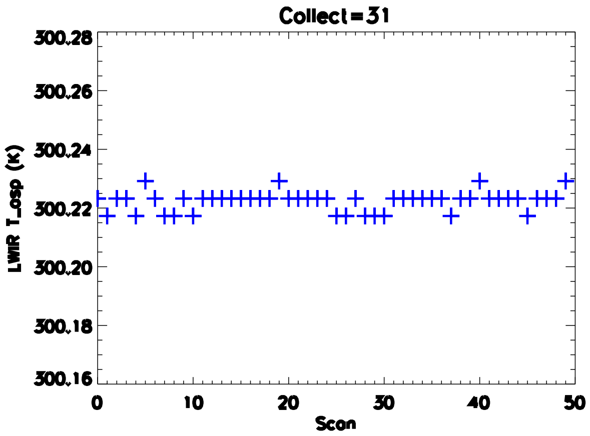

Collect = 10
LWIR T_osp (K)
300.72
300.74
300.76
300.78
300.80
300.82
300.84
Scan
0
10
20
30
40
50
Collect = 11
LWIR T_osp (K)
300.72
300.74
300.76
300.78
300.80
300.82
300.84
Scan
Collect = 12
LWIR T_osp (K)
300.70
300.72
300.74
300.76
300.78
300.80
300.82
300.84
Scan
Collect = 13
LWIR T_osp (K)
300.58
300.60
300.62
300.64
300.66
300.68
300.70
300.72
Scan
Collect = 14
LWIR T_osp (K)
300.56
300.58
300.60
300.62
300.64
300.66
300.68
300.70
Scan
Collect = 15
LWIR T_osp (K)
300.56
300.58
300.60
300.62
300.64
300.66
300.68
300.70
Scan
Collect = 16
LWIR T_osp (K)
300.56
300.58
300.60
300.62
300.64
300.66
300.68
Scan
Collect = 17
LWIR T_osp (K)
300.44
300.46
300.48
300.50
300.52
300.54
300.56
300.58
300.60
Scan
Collect = 18
LWIR T_osp (K)
300.44
300.46
300.48
300.50
300.52
300.54
300.56
300.58
Scan

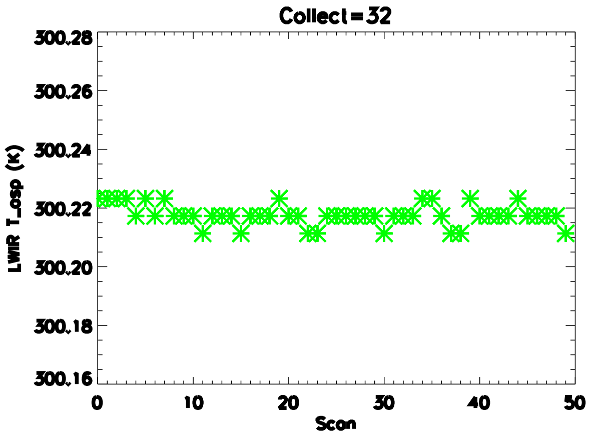

Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
LWIR T_osp (K)
Scan
0
10
20
30
40
50
300.58
300.56
300.54
300.52
300.50
300.48
300.46
300.44
300.42
300.40
300.38
300.36
300.34
300.35
300.32
300.30
300.28
300.26
300.25
300.24
300.20

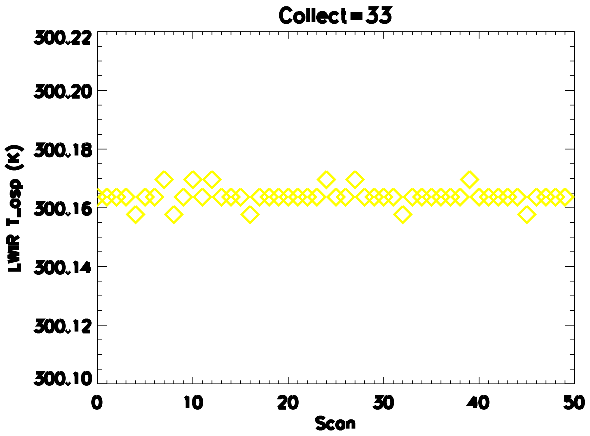

Collect=28
LWIR T_osp (K)
300.40
300.35
300.30
300.25
300.20
0
10
20
30
40
50
Scan

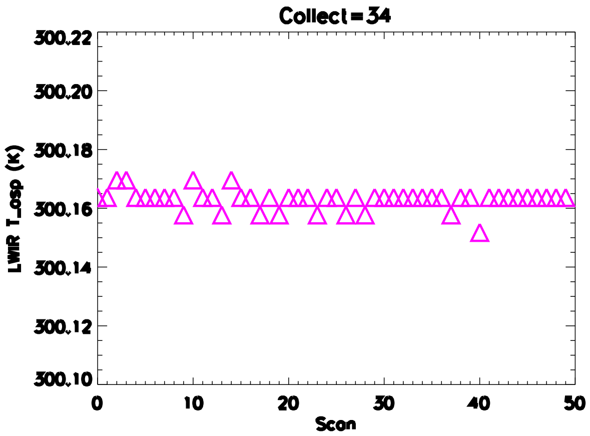

Collect=29
LWIR T_osp (K)
300.30
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan

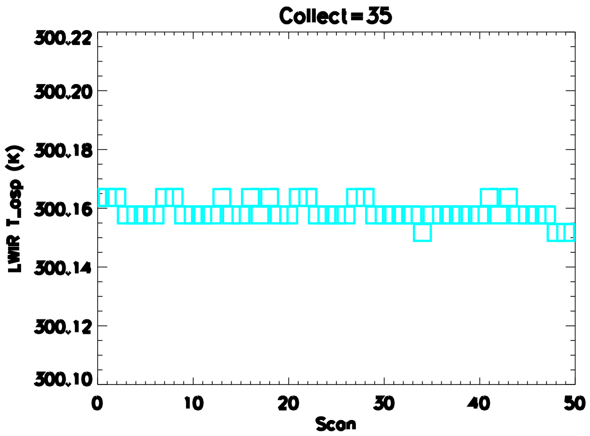

Collect=30
LWIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan

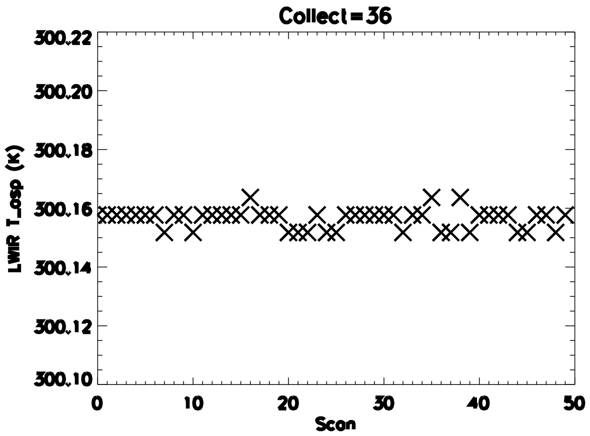

Collect=31
LWIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan


Collect=32
LWIR T_osp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan

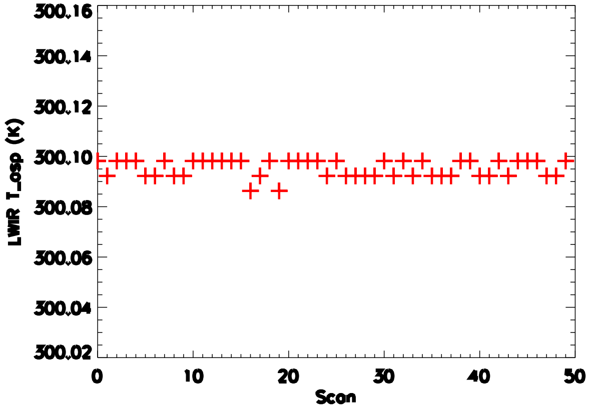

Collect=33
LWIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan


Collect=34
LWIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

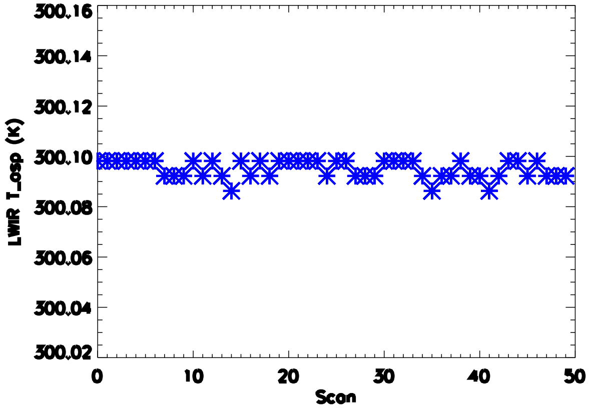

Collect=35
LWIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan


Collect=36
LWIR T_osp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan

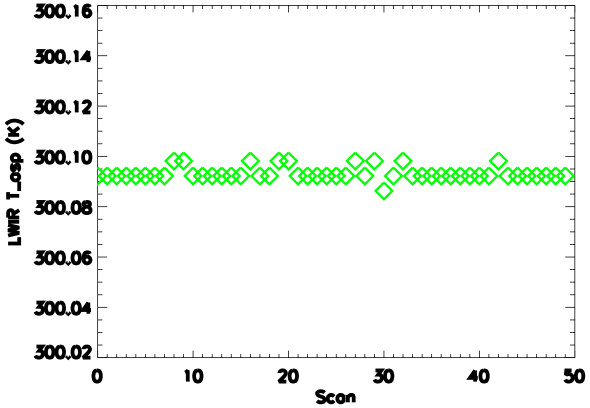
Collect=37



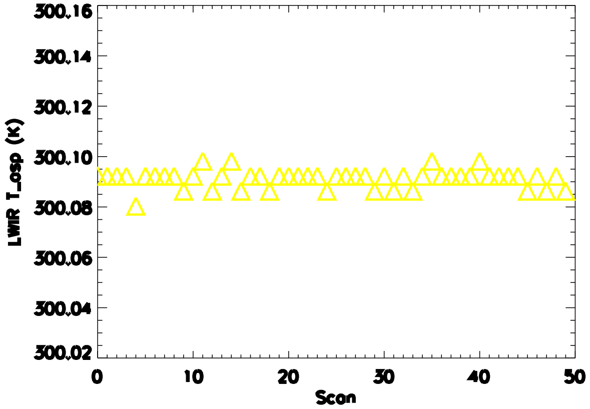
Collect=38



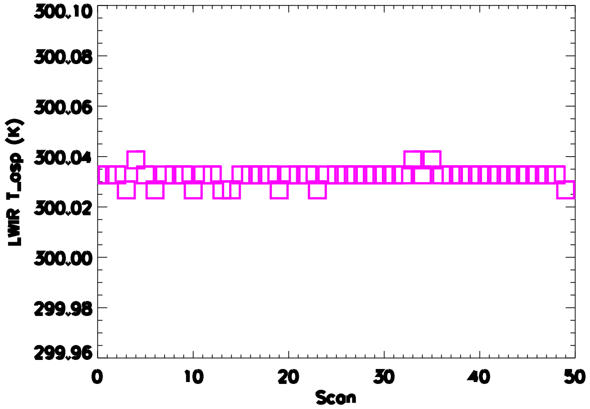
Collect=39



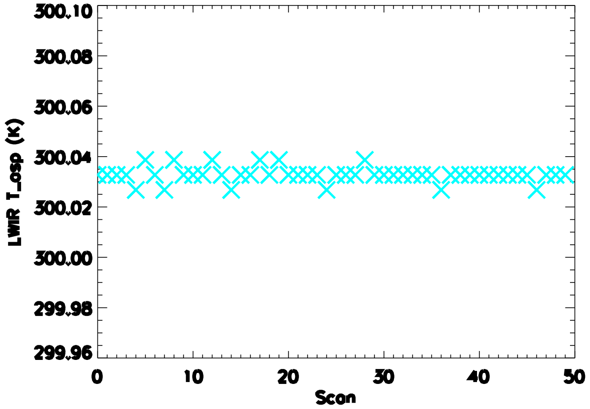
Collect=40



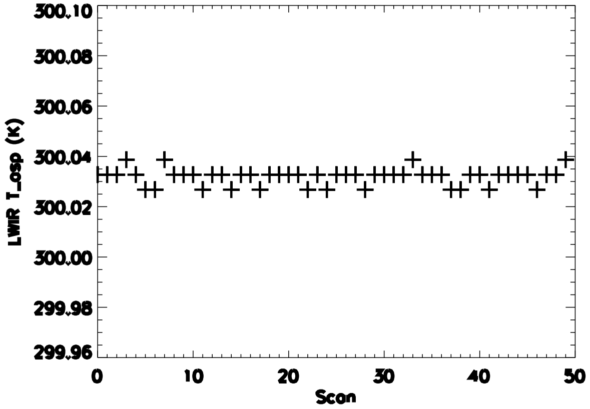
Collect=41



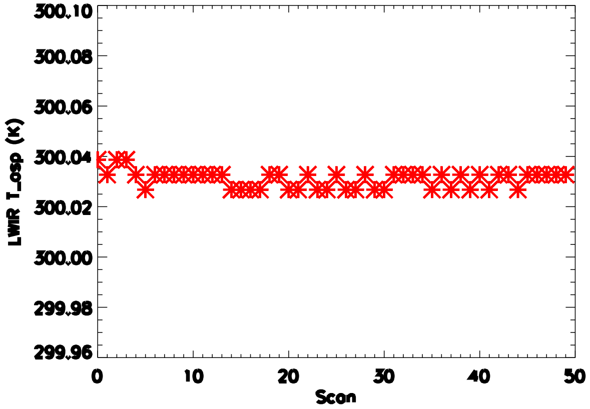
Collect=42



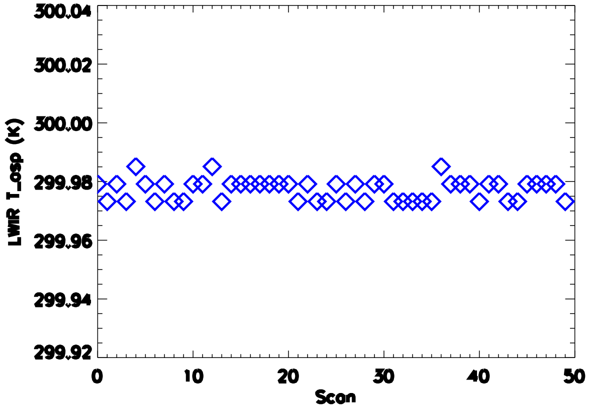
Collect=43

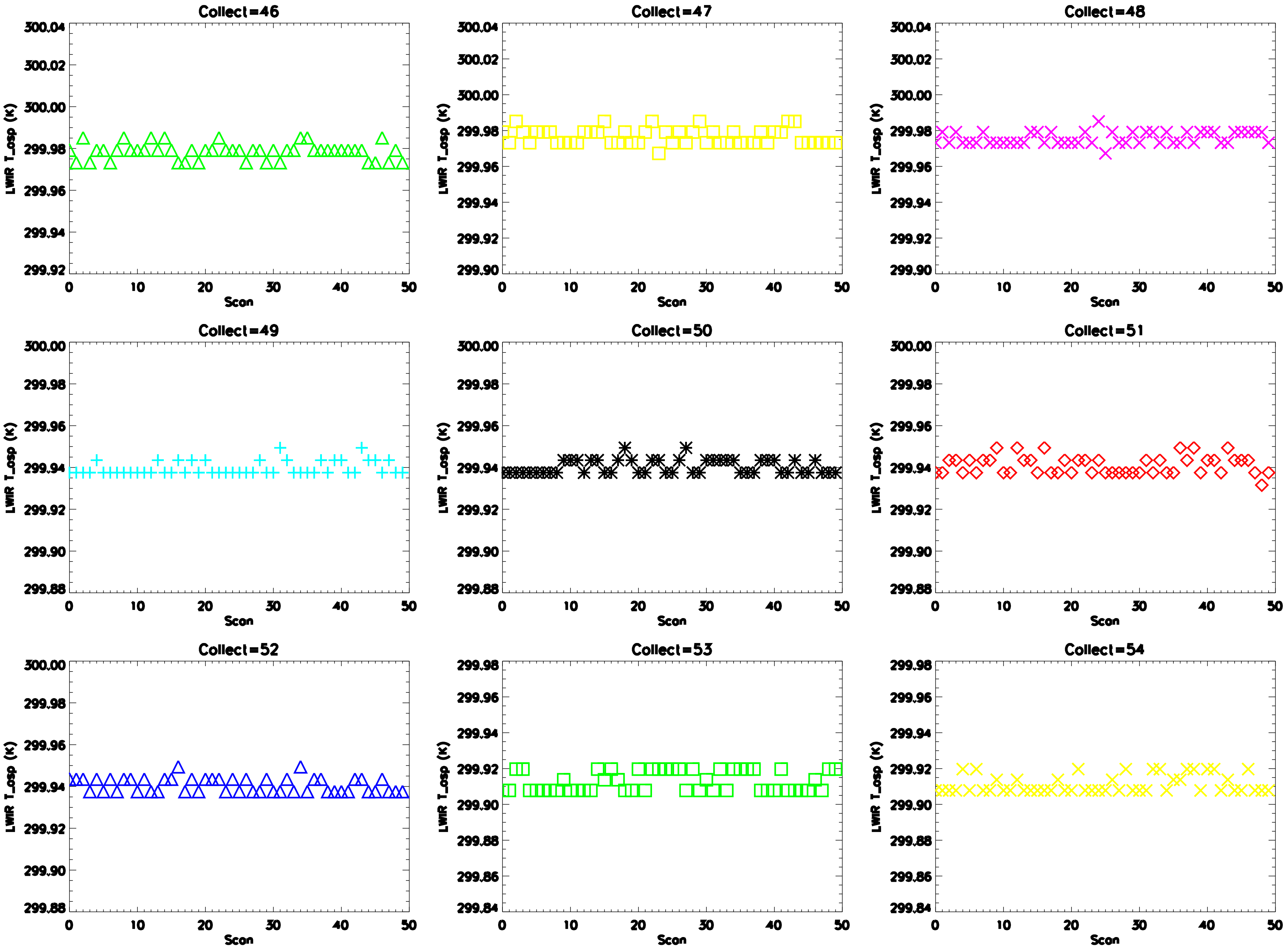


Collect=44

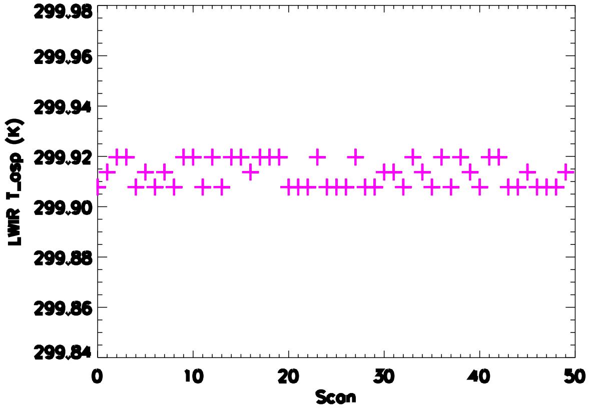


Collect=45

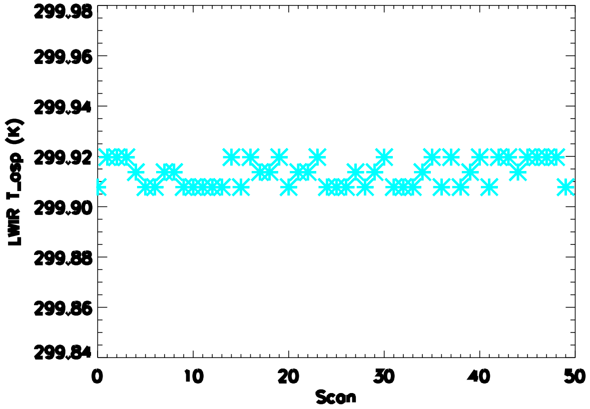



Collect=46
LWIR T_osp (K)
300.04
300.02
300.00
299.98
299.96
299.94
299.92
Scan
0
10
20
30
40
50
Collect=47
LWIR T_osp (K)
300.04
300.02
300.00
299.98
299.96
299.94
299.92
299.90
Scan
Collect=48
LWIR T_osp (K)
300.04
300.02
300.00
299.98
299.96
299.94
299.92
299.90
Scan
Collect=49
LWIR T_osp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
Scan
Collect=50
LWIR T_osp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
Scan
Collect=51
LWIR T_osp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
Scan
Collect=52
LWIR T_osp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
Scan
Collect=53
LWIR T_osp (K)
299.98
299.96
299.94
299.92
299.90
299.88
299.86
299.84
Scan
Collect=54
LWIR T_osp (K)
299.98
299.96
299.94
299.92
299.90
299.88
299.86
299.84
Scan

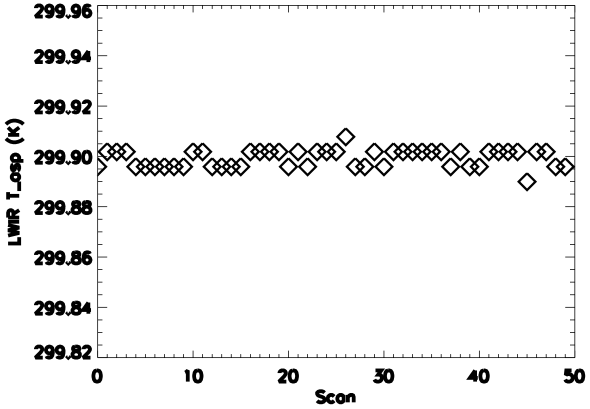
Collect=55



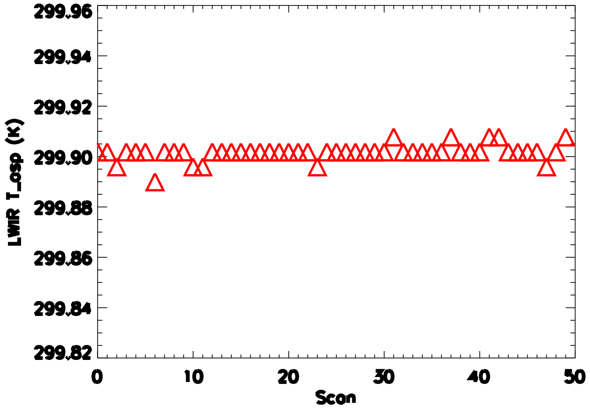
Collect=56



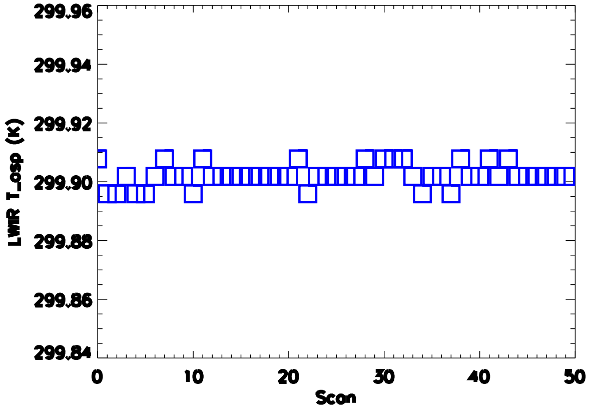
Collect=57



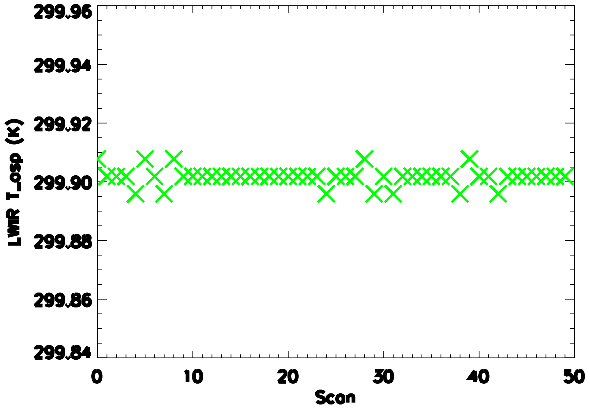
Collect=58



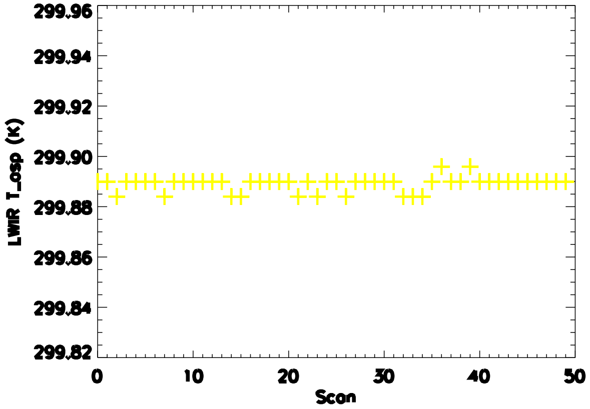
Collect=59



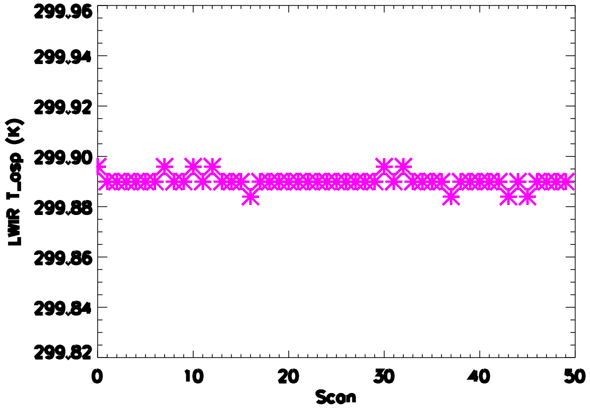
Collect=60



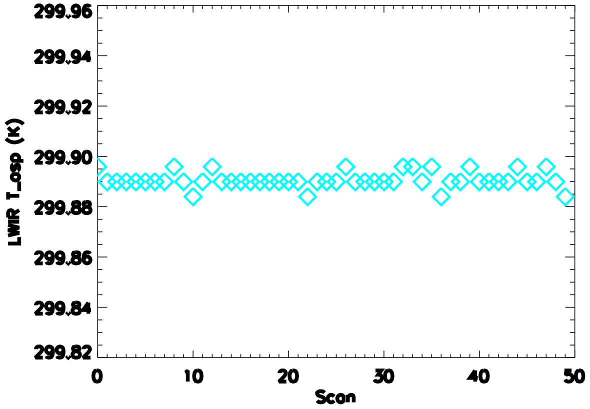
Collect=61

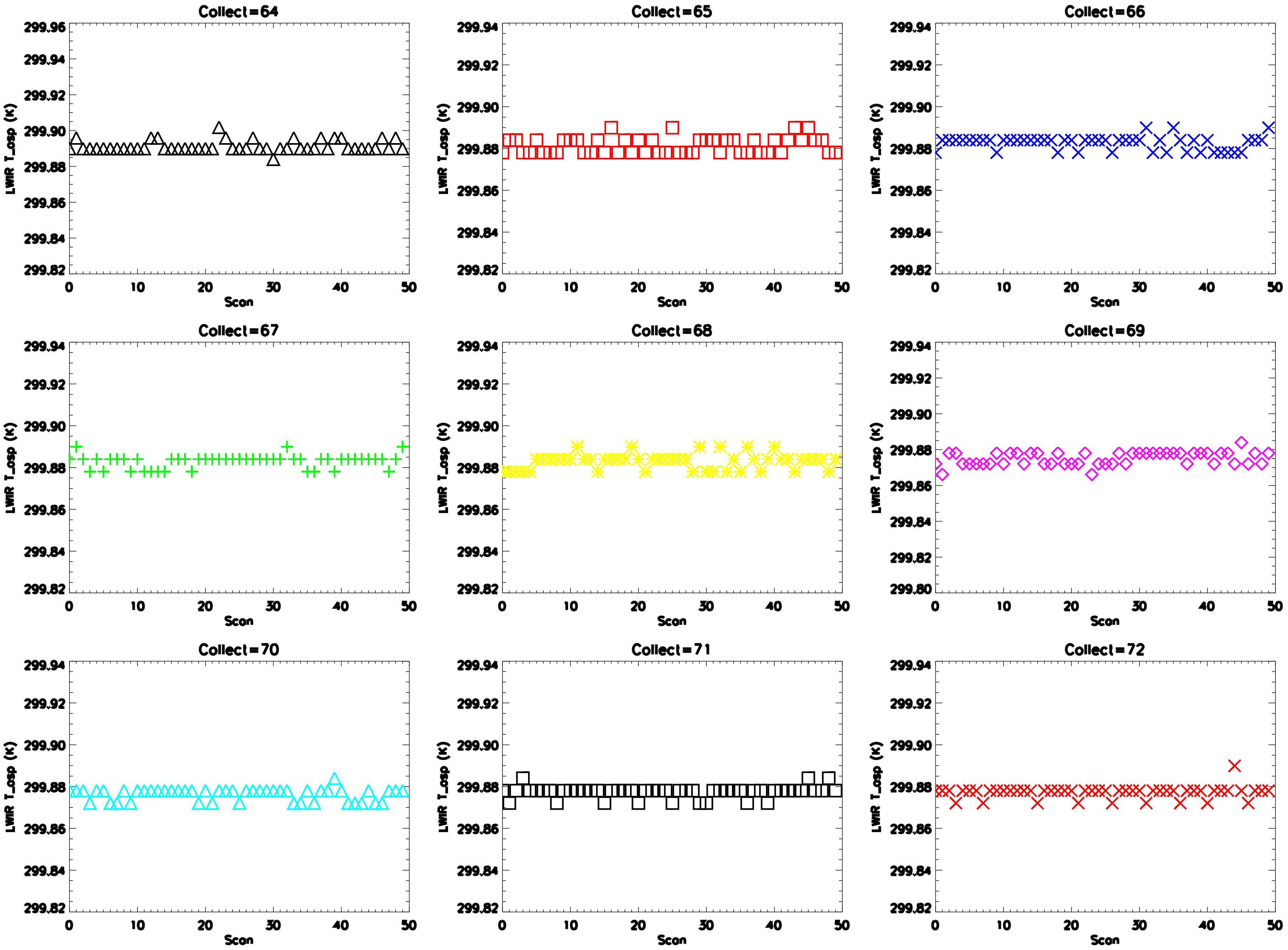


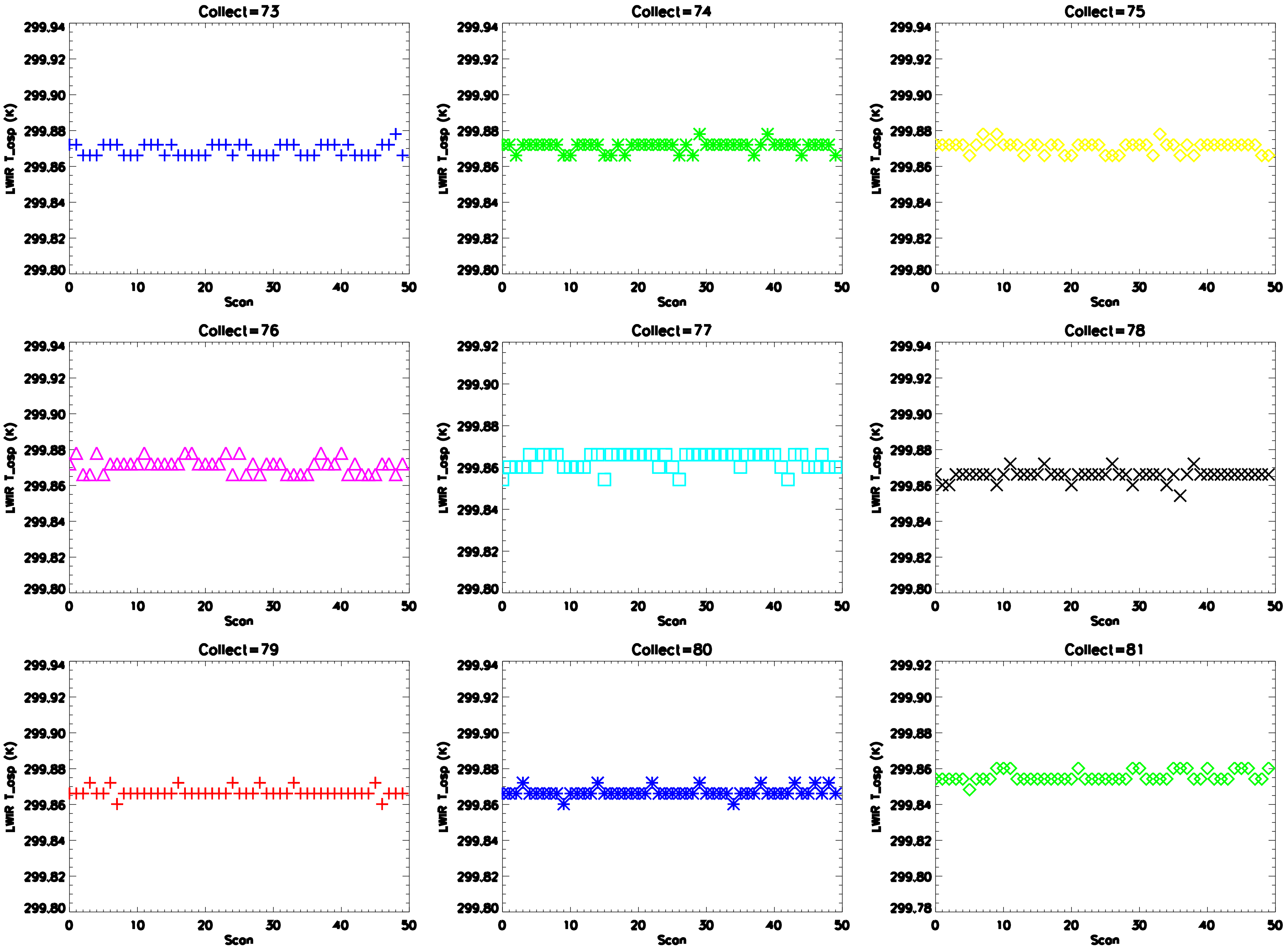
Collect=62

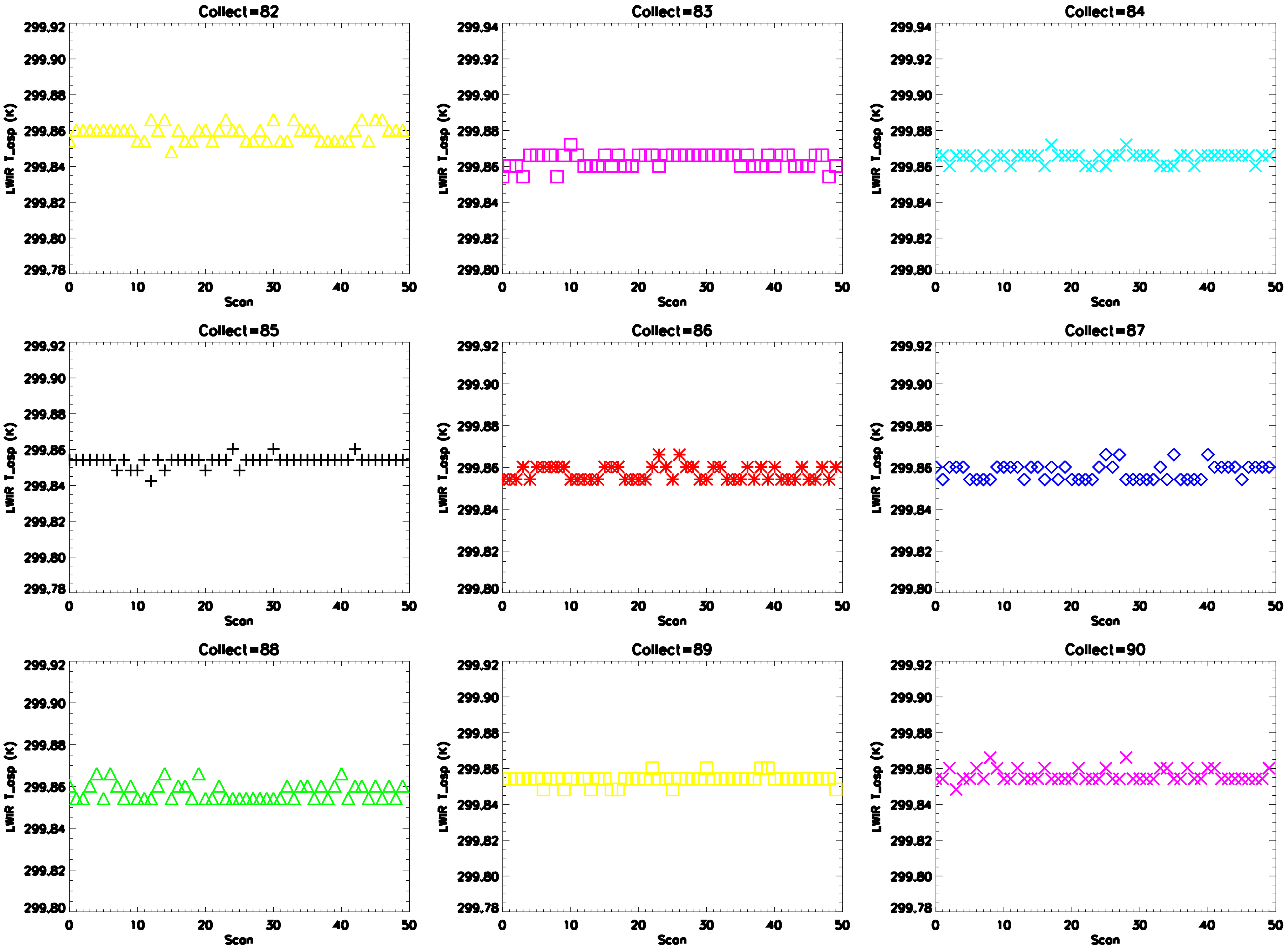


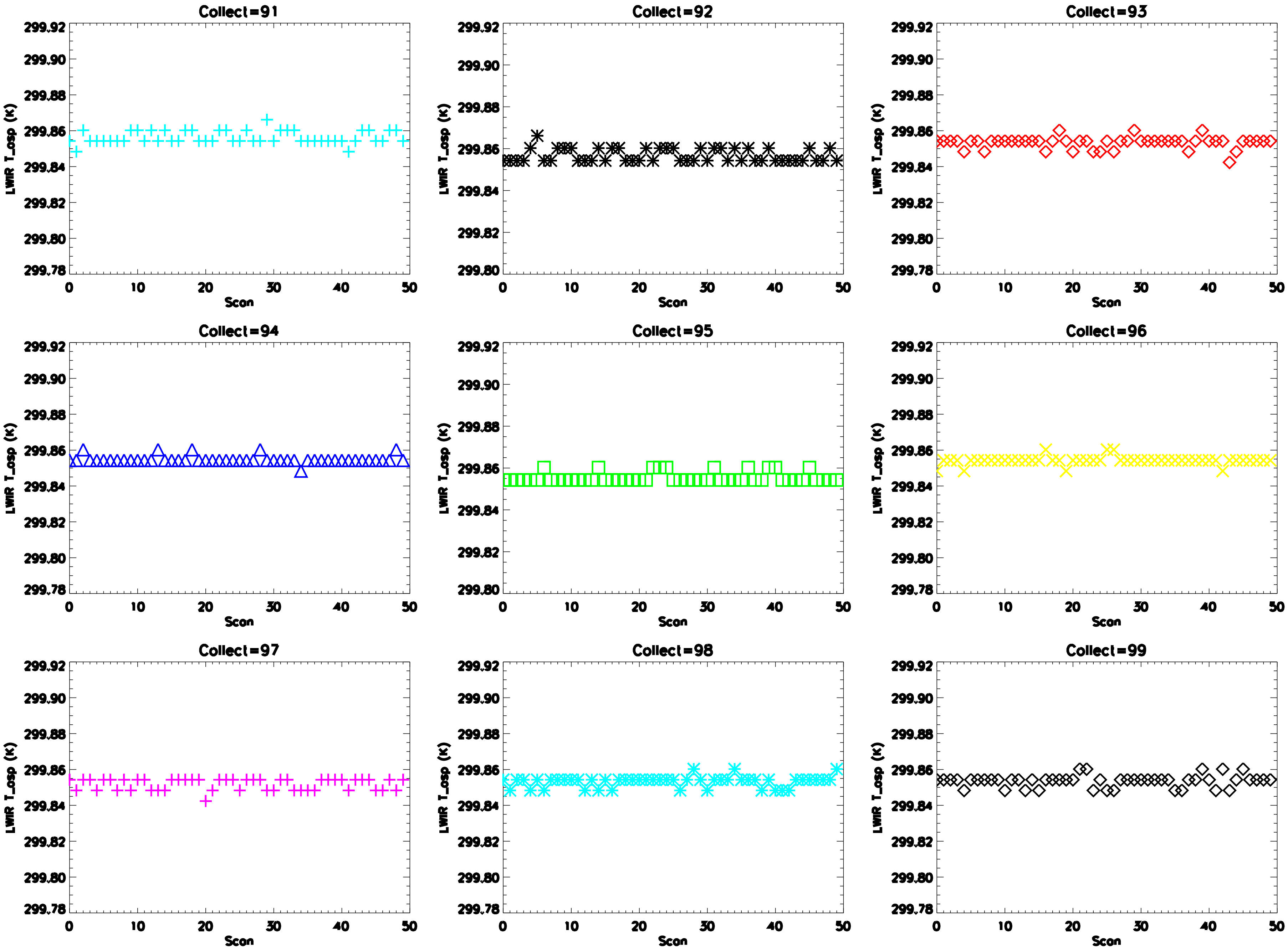
Collect=63

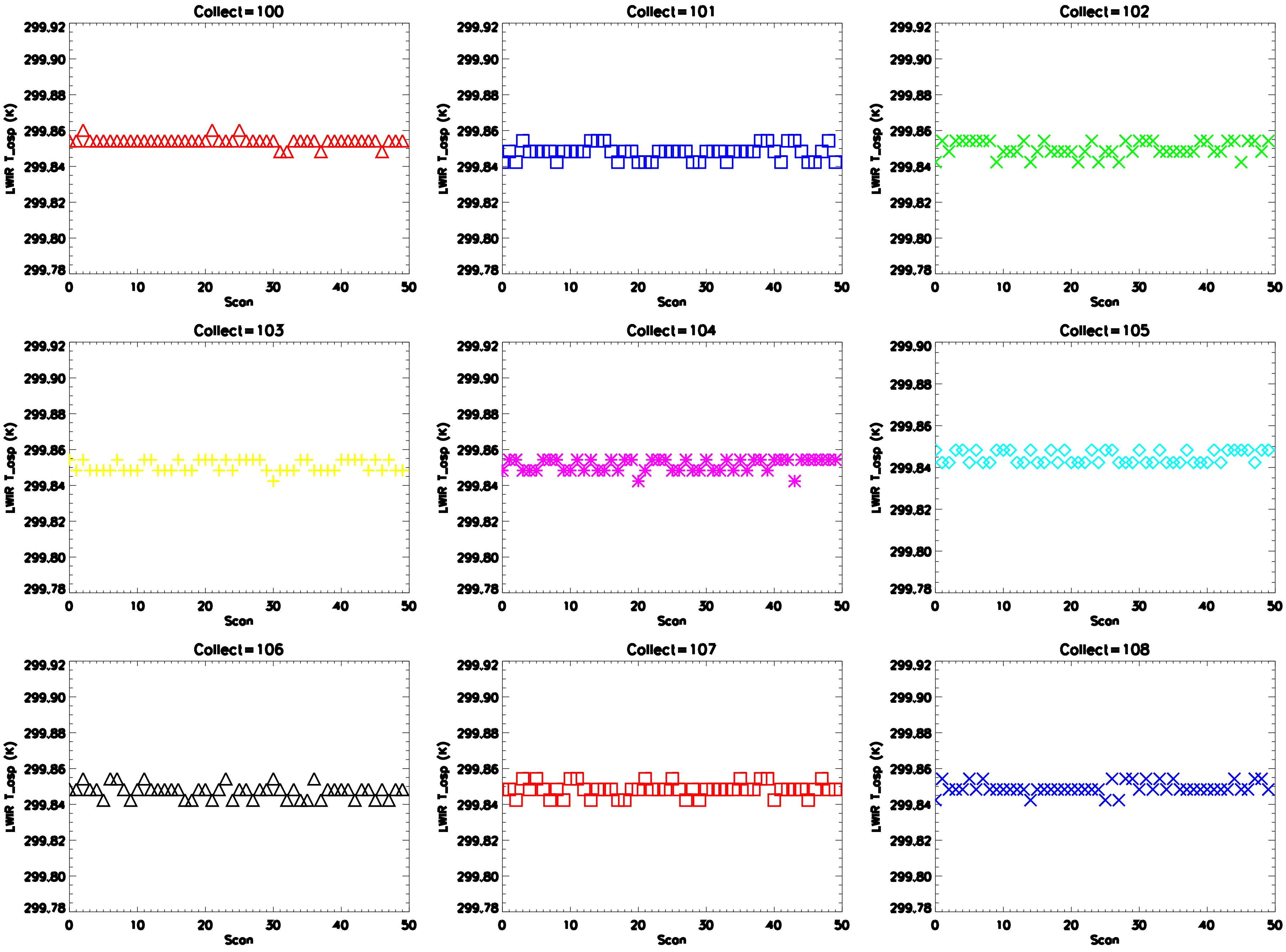


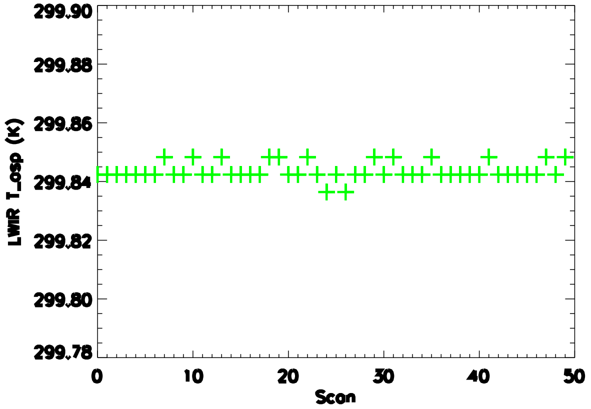

Collect=64
299.96
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=65
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=66
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=67
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=68
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=69
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=70
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=71
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan
Collect=72
299.94
299.92
299.90
299.88
299.86
299.84
299.82
LWIR T_osp (K)
0
10
20
30
40
50
Scan

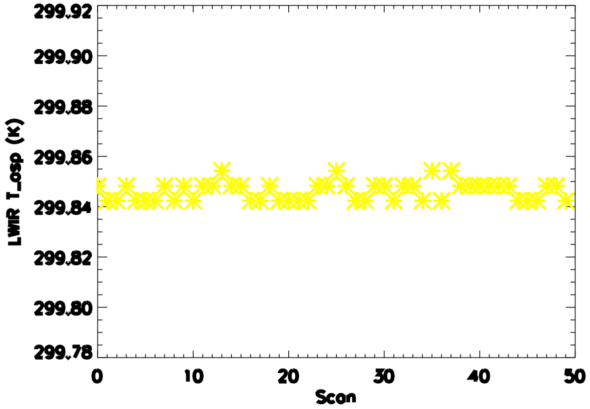

Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
LWIR T_osp (K)
Scan
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50

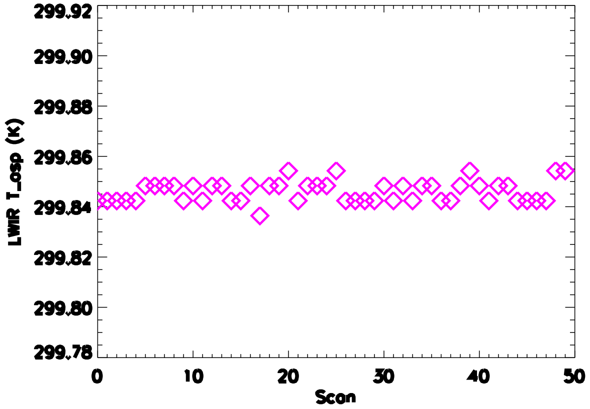

Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
LWIR T_osp (K)
Scan
0
10
20
30
40
50
299.78
299.80
299.82
299.84
299.86
299.88
299.90
299.92
299.94

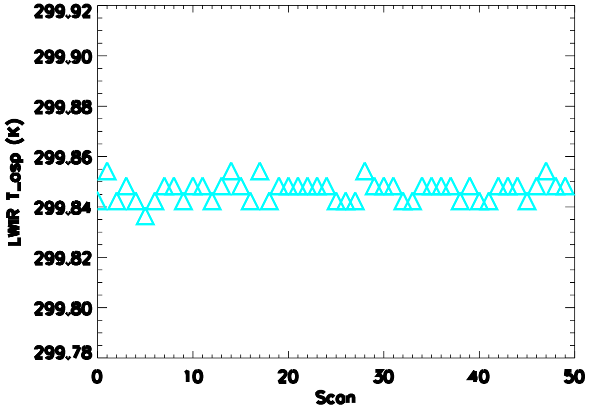

Collect=91
Collect=92
Collect=93
Collect=94
Collect=95
Collect=96
Collect=97
Collect=98
Collect=99
LWIR T_osp (K)
Scan
299.78
299.80
299.82
299.84
299.86
299.88
299.90
299.92
0
10
20
30
40
50

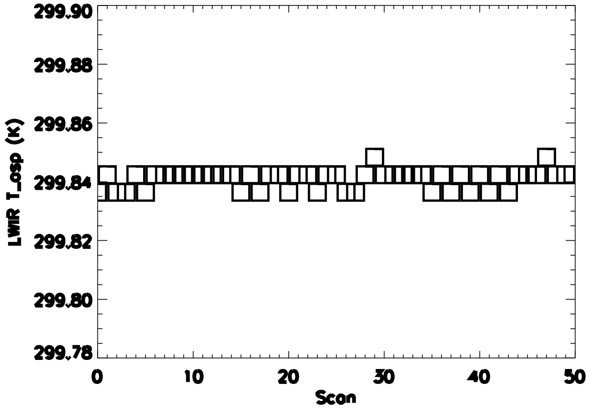

Collect=100
Collect=101
Collect=102
Collect=103
Collect=104
Collect=105
Collect=106
Collect=107
Collect=108
LWIR T_osp (K)
Scan
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50

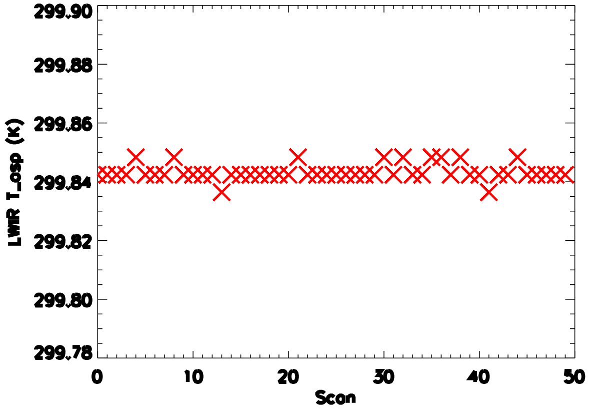

Collect=109

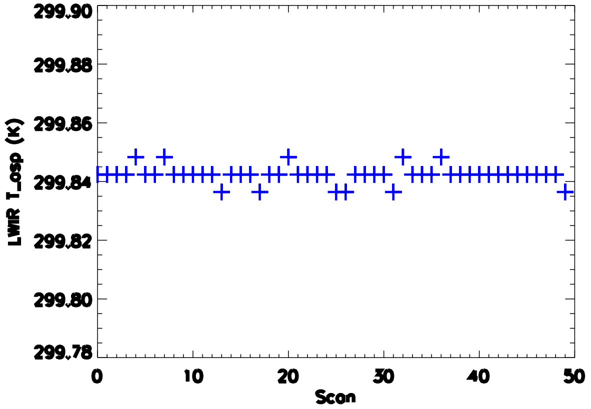

Collect=110

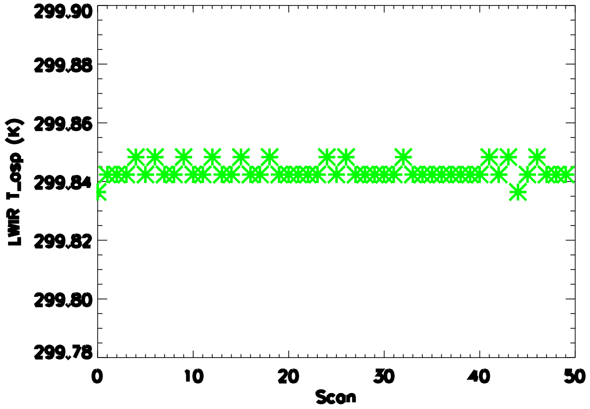

Collect=111

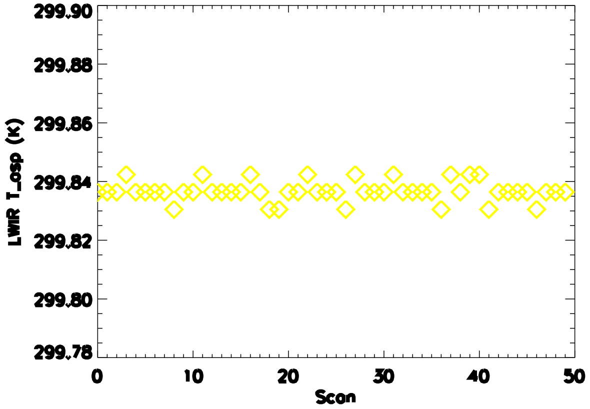

Collect=112

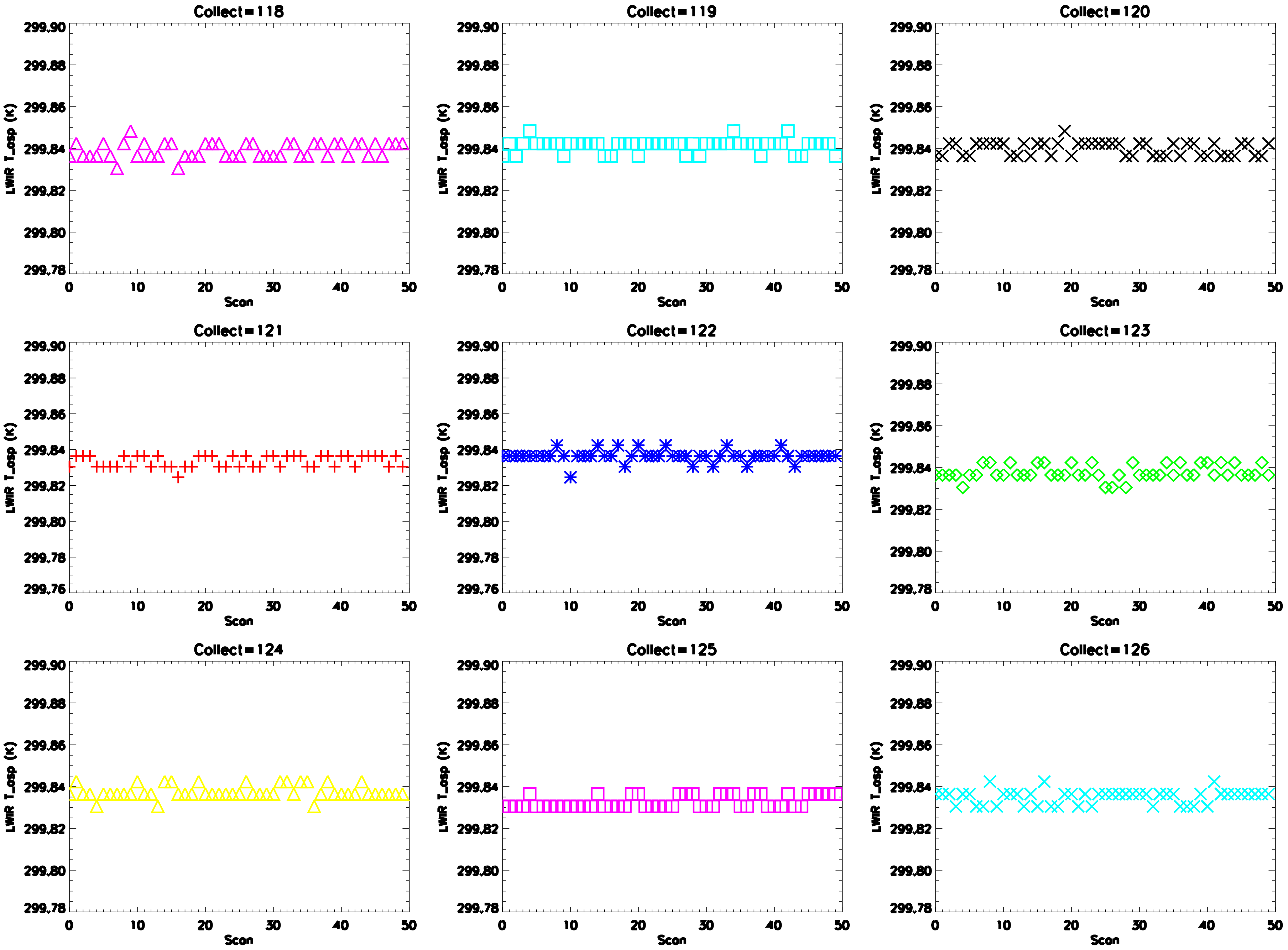

Collect=113

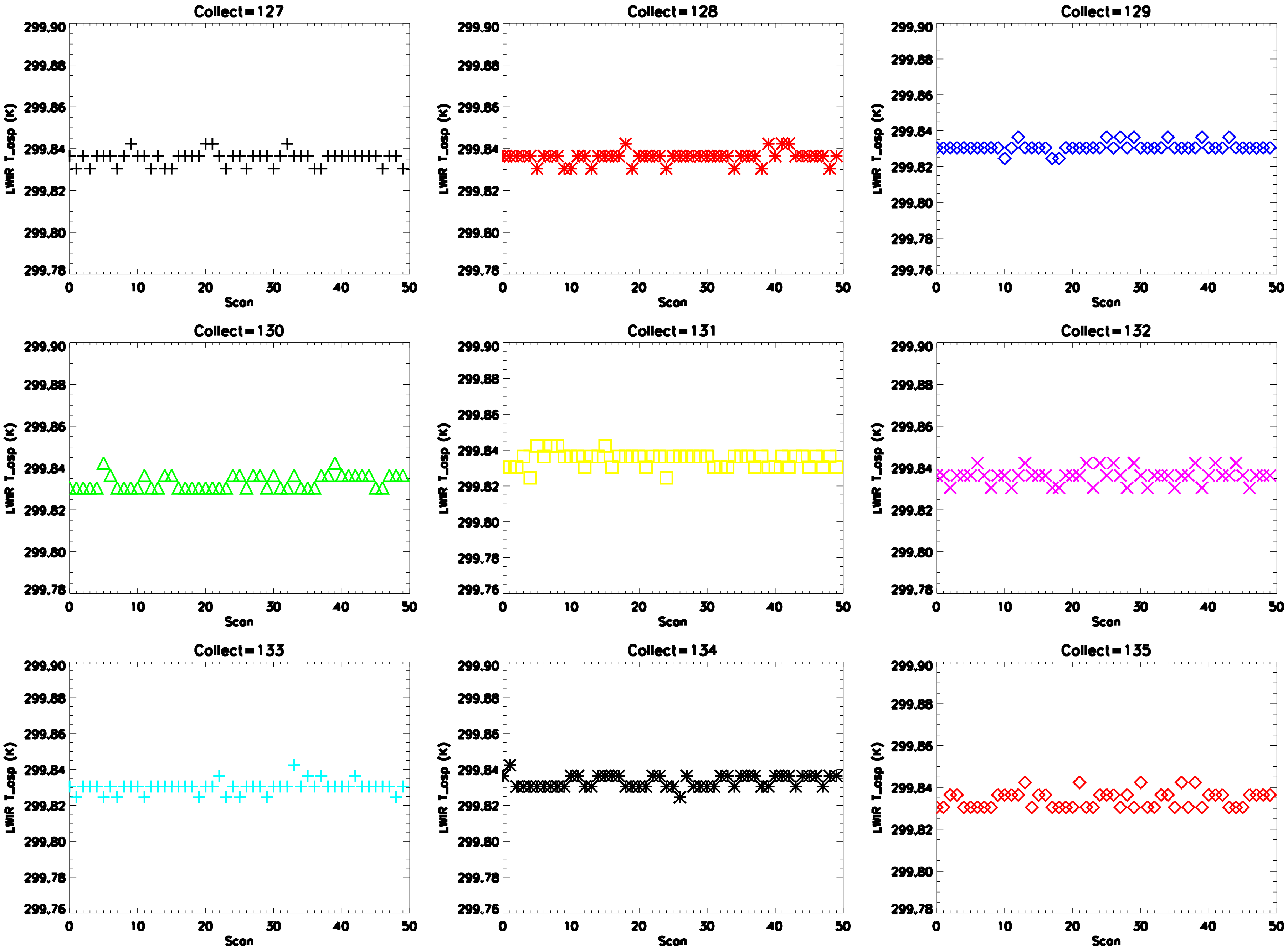

Collect=114


Collect=115

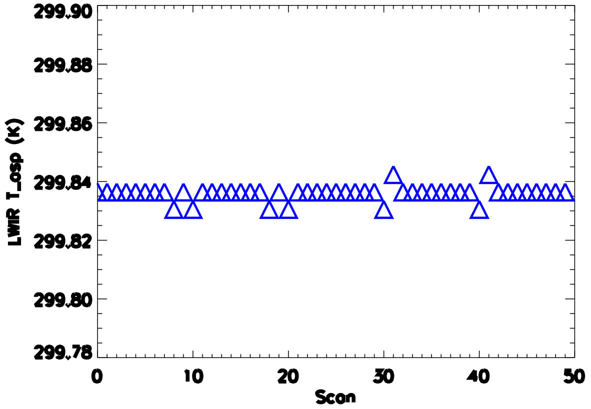

Collect=116


Collect=117

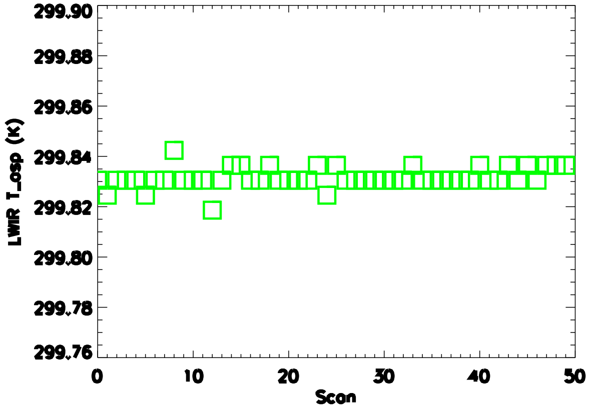

Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
LWIR T_osp (K)
Scan
299.76
299.78
299.80
299.82
299.84
299.86
299.88
299.90
0
10
20
30
40
50


Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
LWIR T_osp (K)
Scan
0
10
20
30
40
50
299.76
299.78
299.80
299.82
299.84
299.86
299.88
299.90

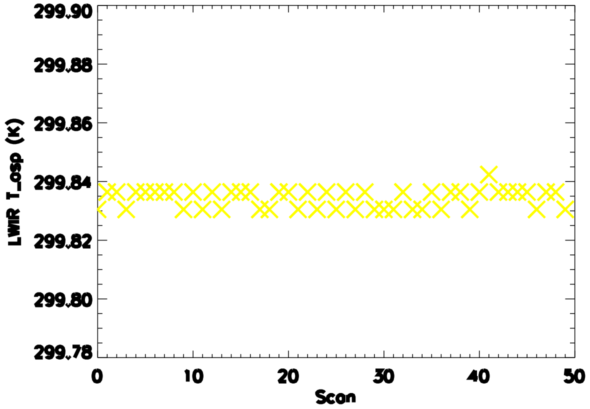
Collect=136



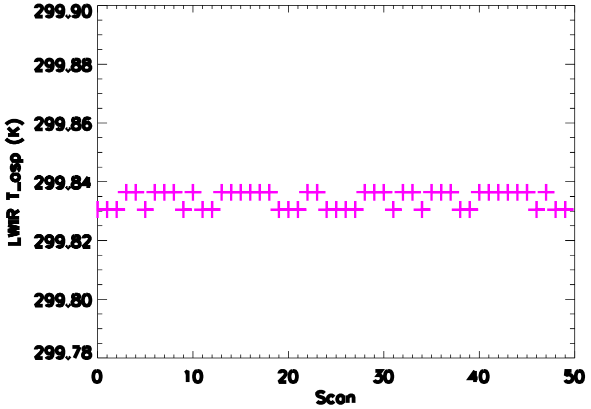
Collect=137



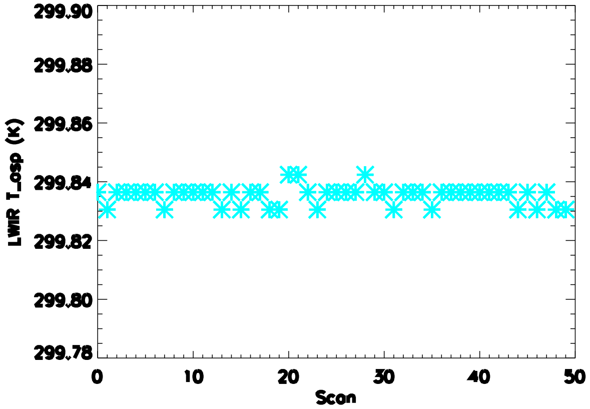
Collect=138



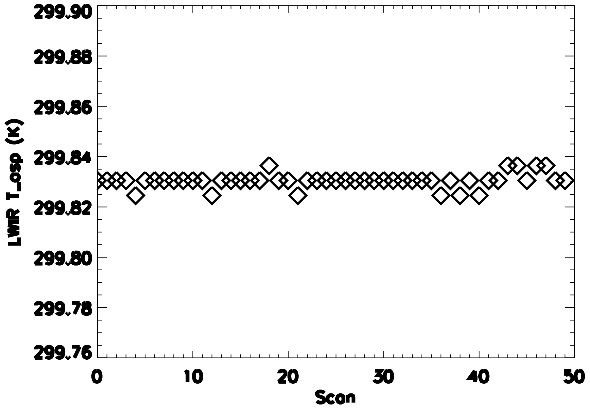
Collect=139



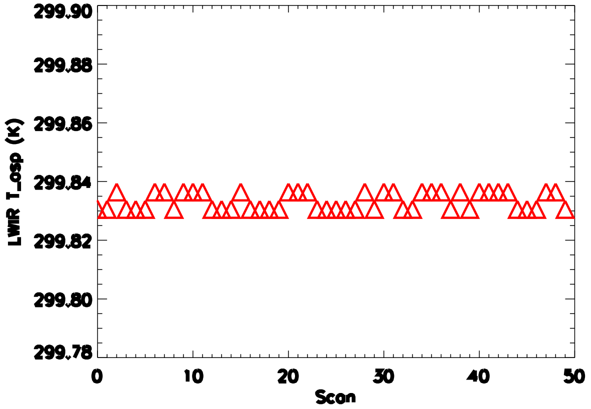
Collect=140



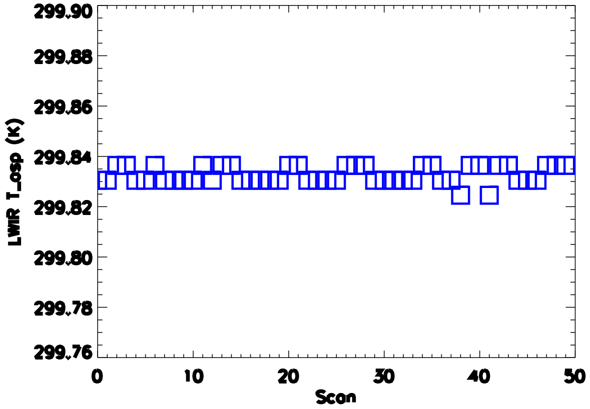
Collect=141



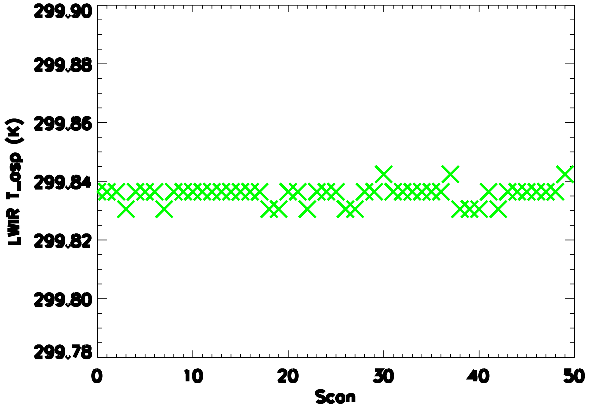
Collect=142

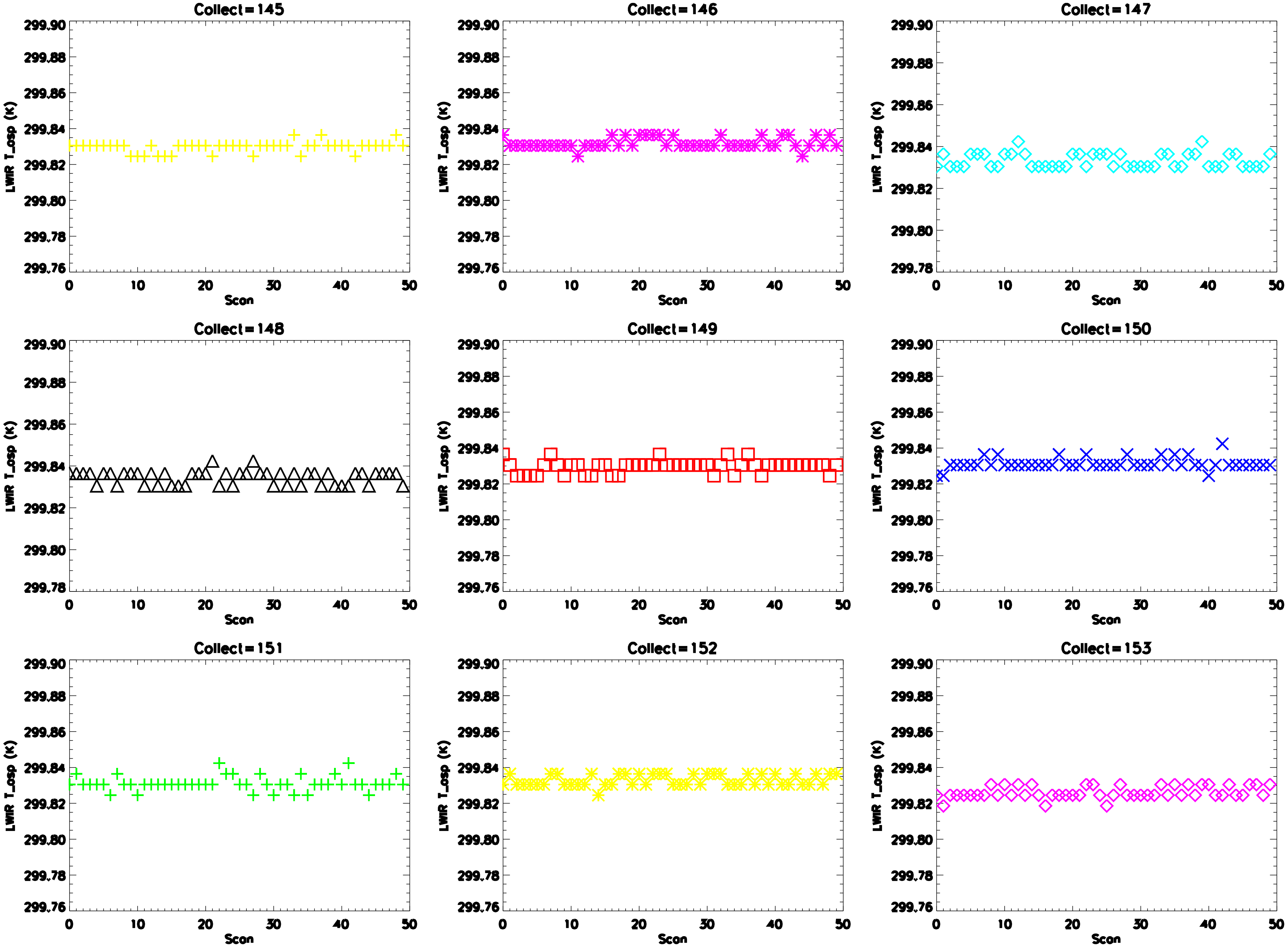


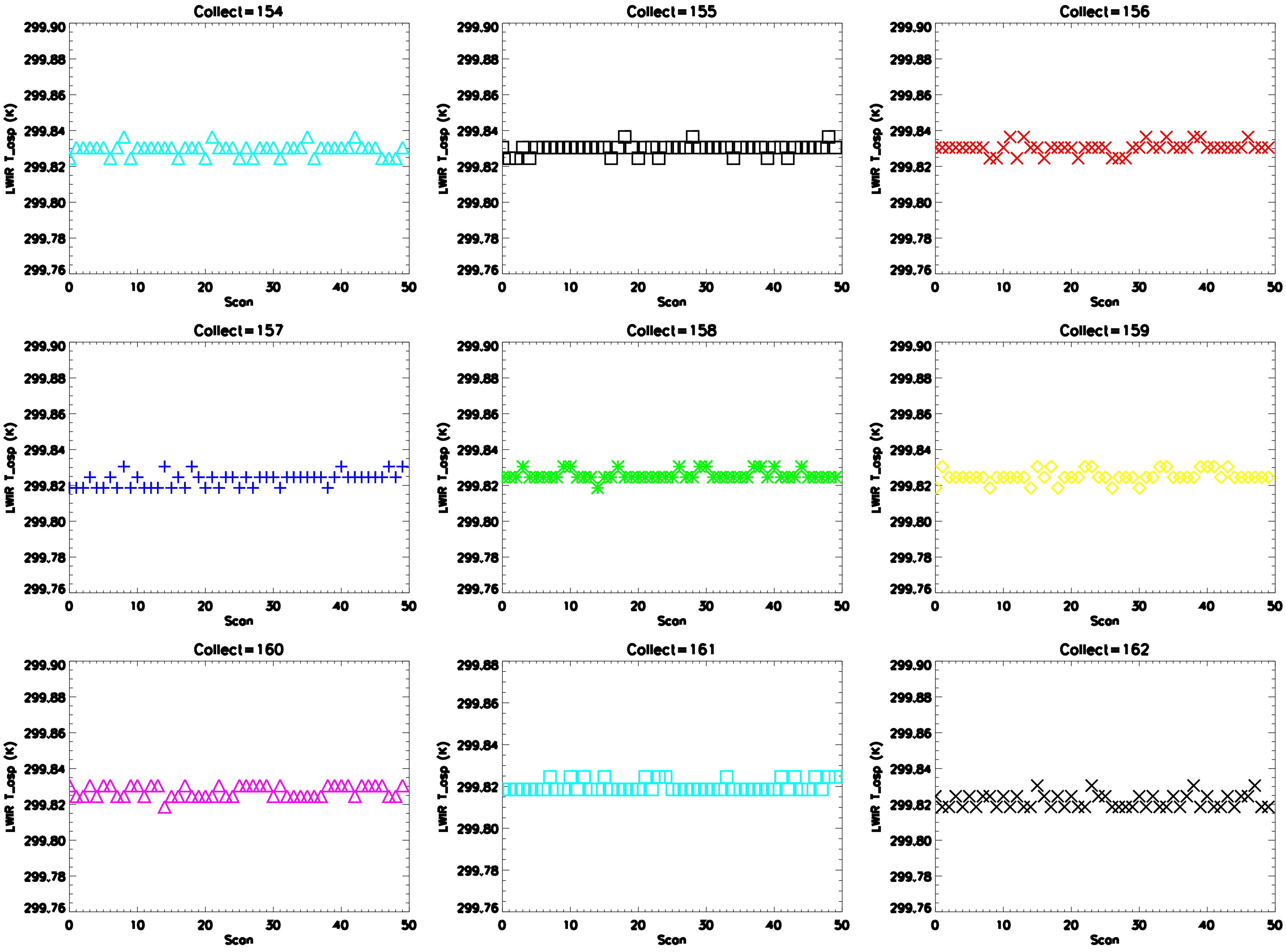
Collect=143



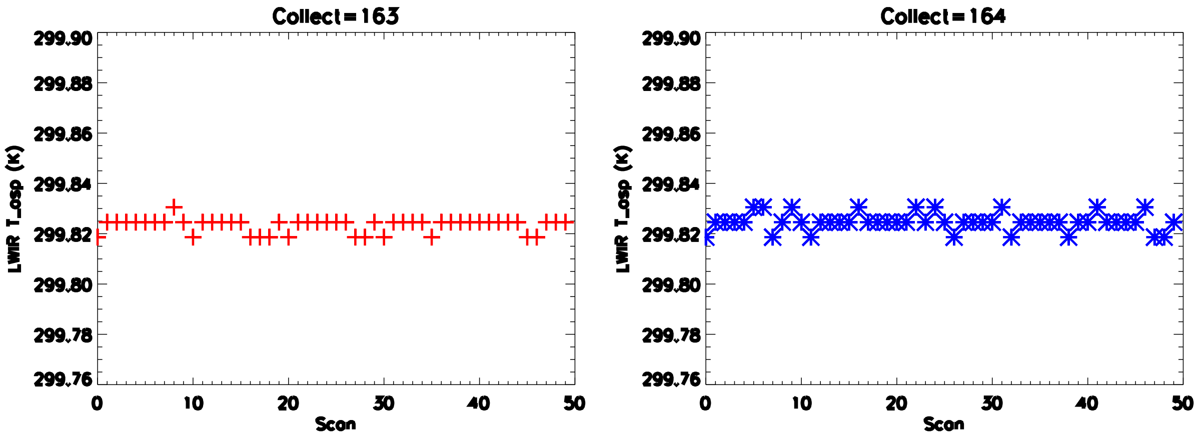
Collect=144



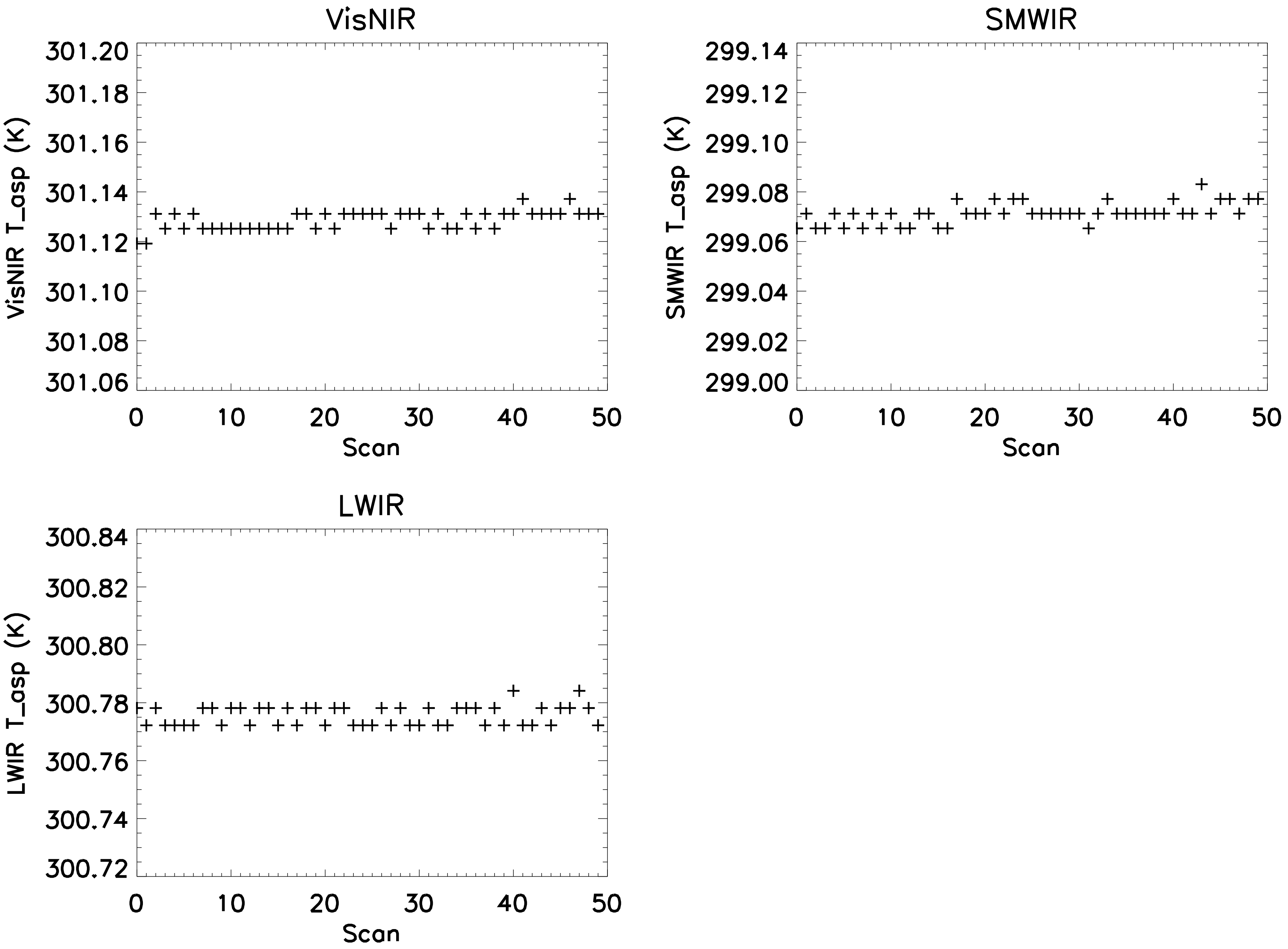

Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
LWIR T_osp (K)
Scan
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50

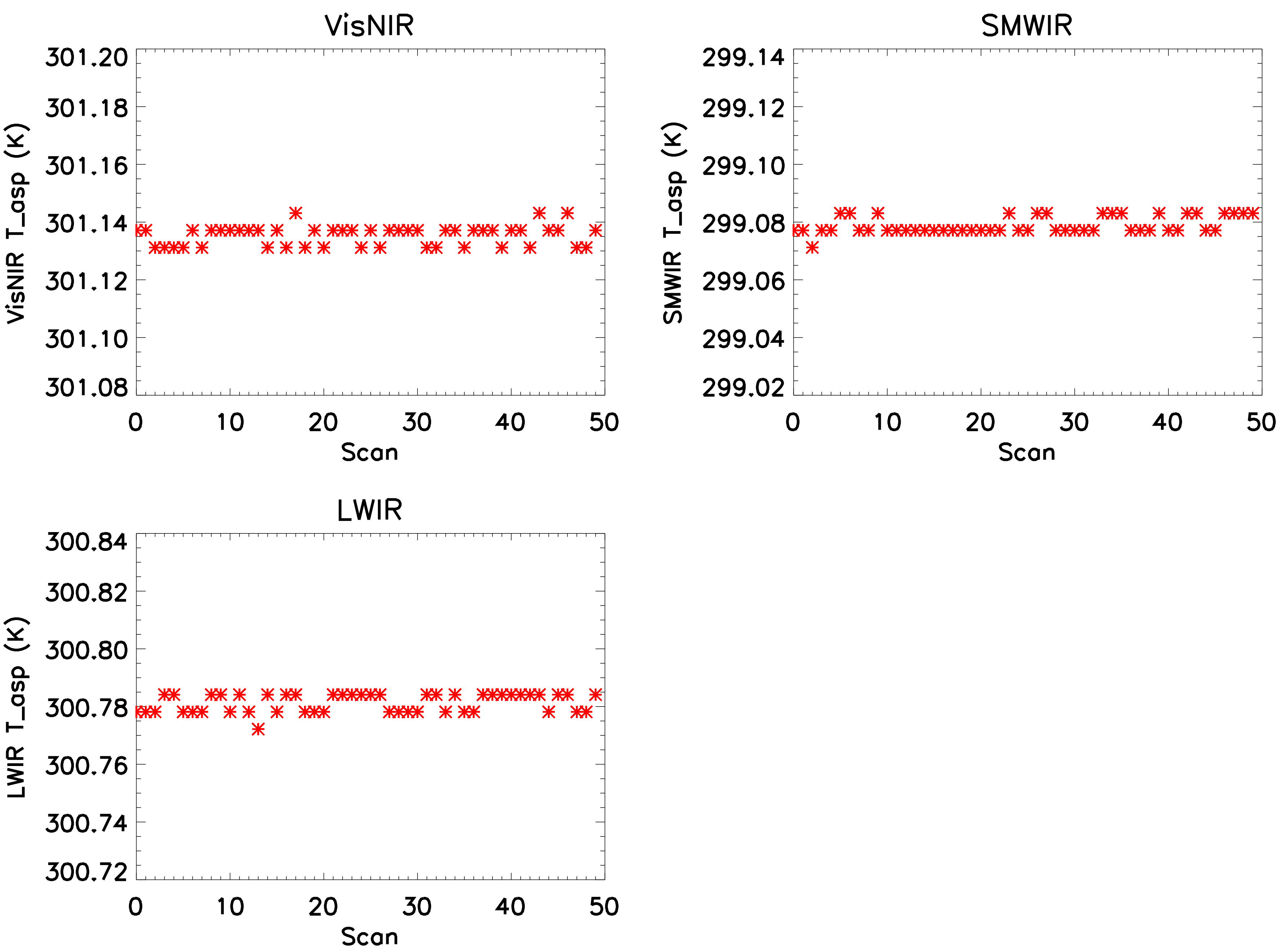

Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
LWIR T_osp (K)
Scan
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50

LWIR T_asp vs Scan



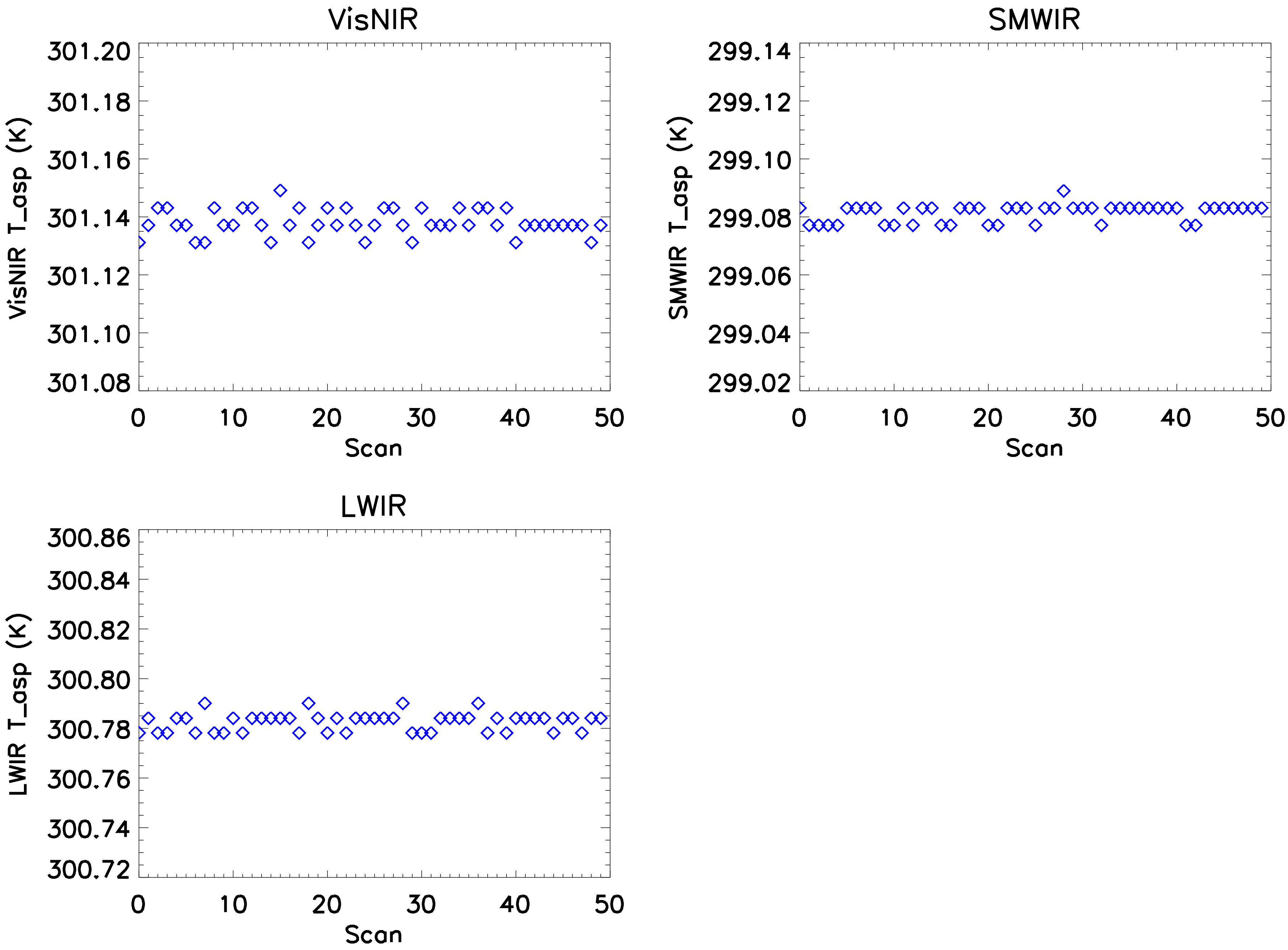
T_asp vs Scan: Collect=1

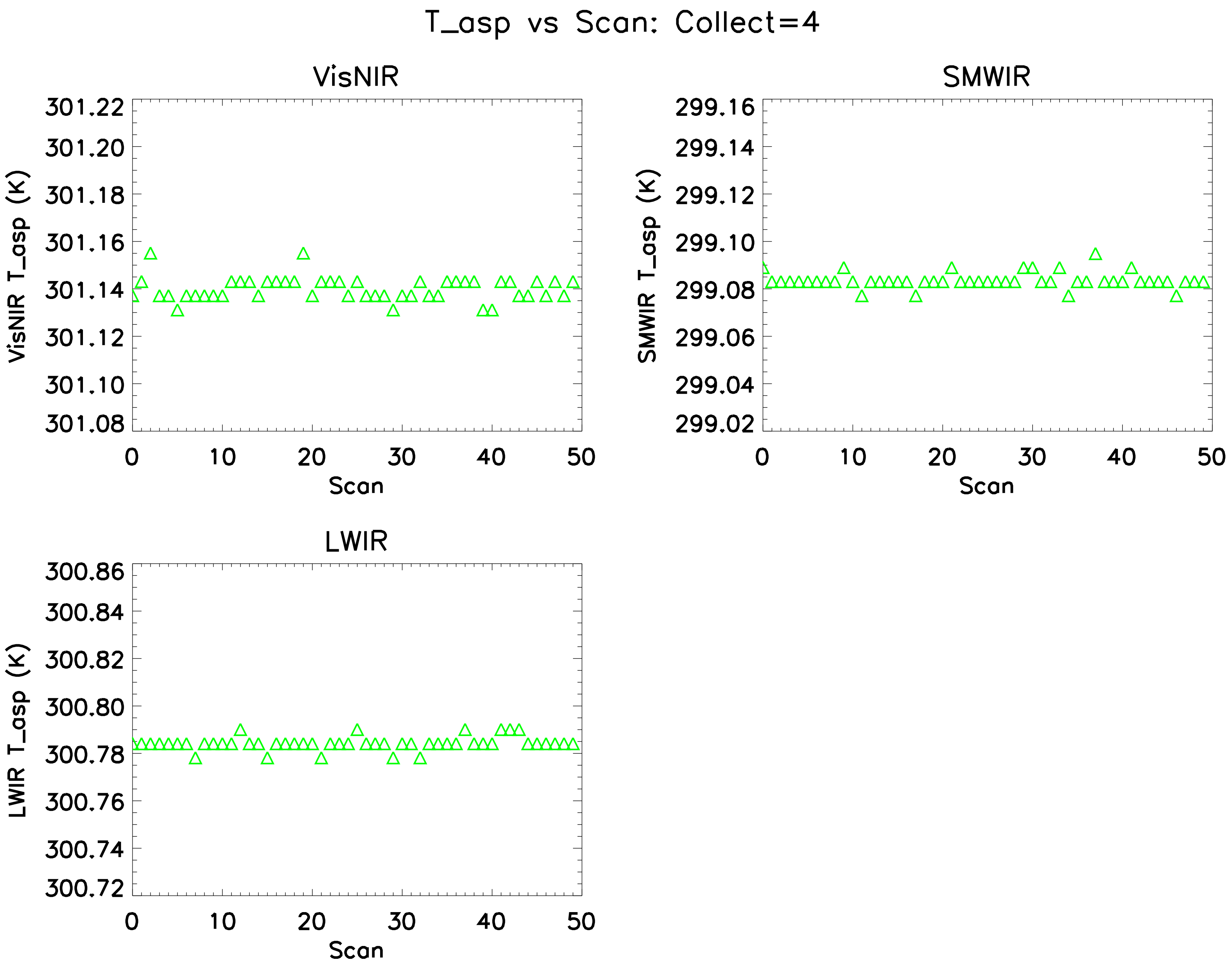


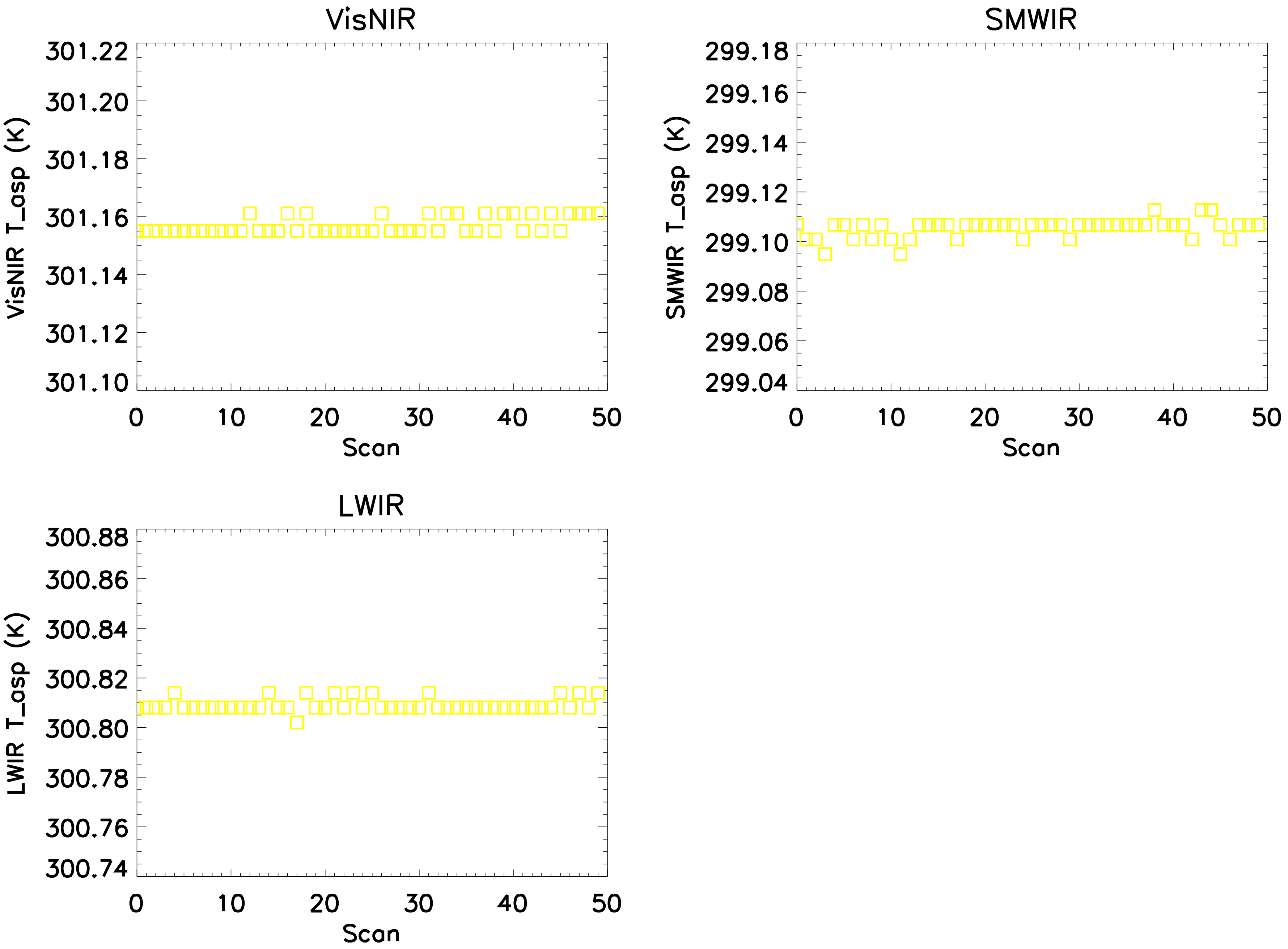


T_asp vs Scan: Collect=2

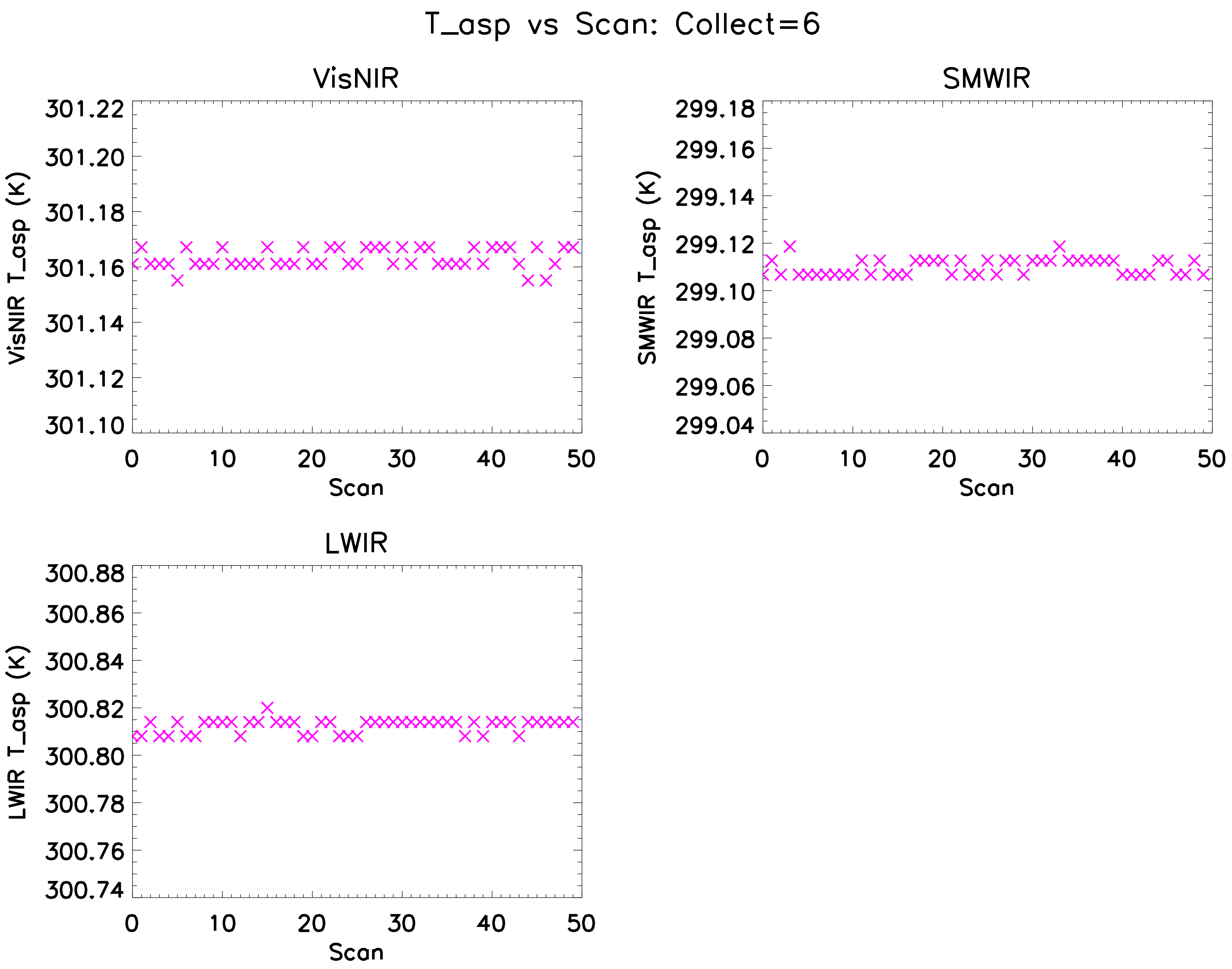
T_asp vs Scan: Collect=3



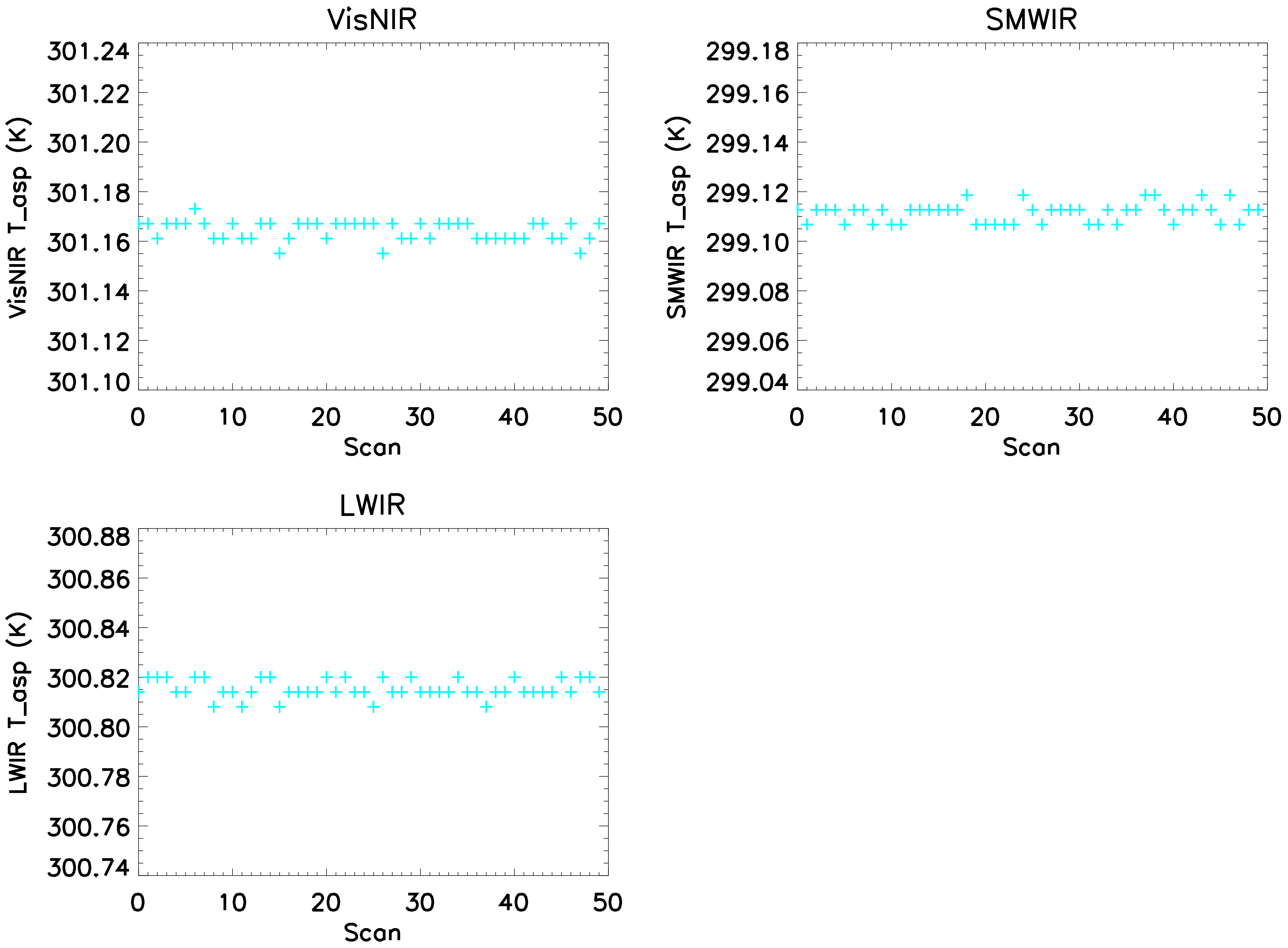

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
301.22
301.20
301.18
301.16
301.14
301.12
301.10
301.08
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
299.16
299.14
299.12
299.10
299.08
299.06
299.04
299.02
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.86
300.84
300.82
300.80
300.78
300.76
300.74
300.72
0
10
20
30
40
50
Scan

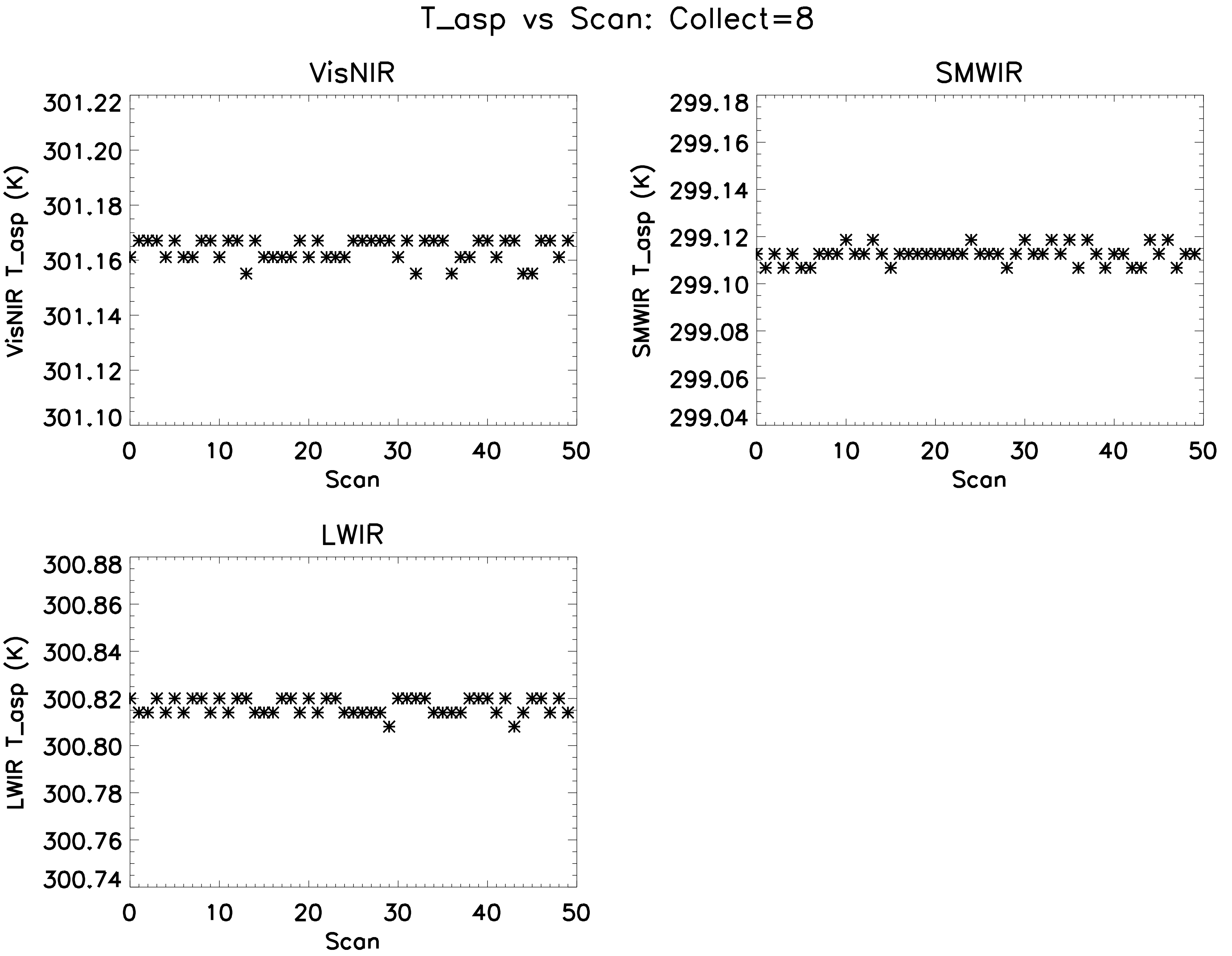


T_asp vs Scan: Collect=5

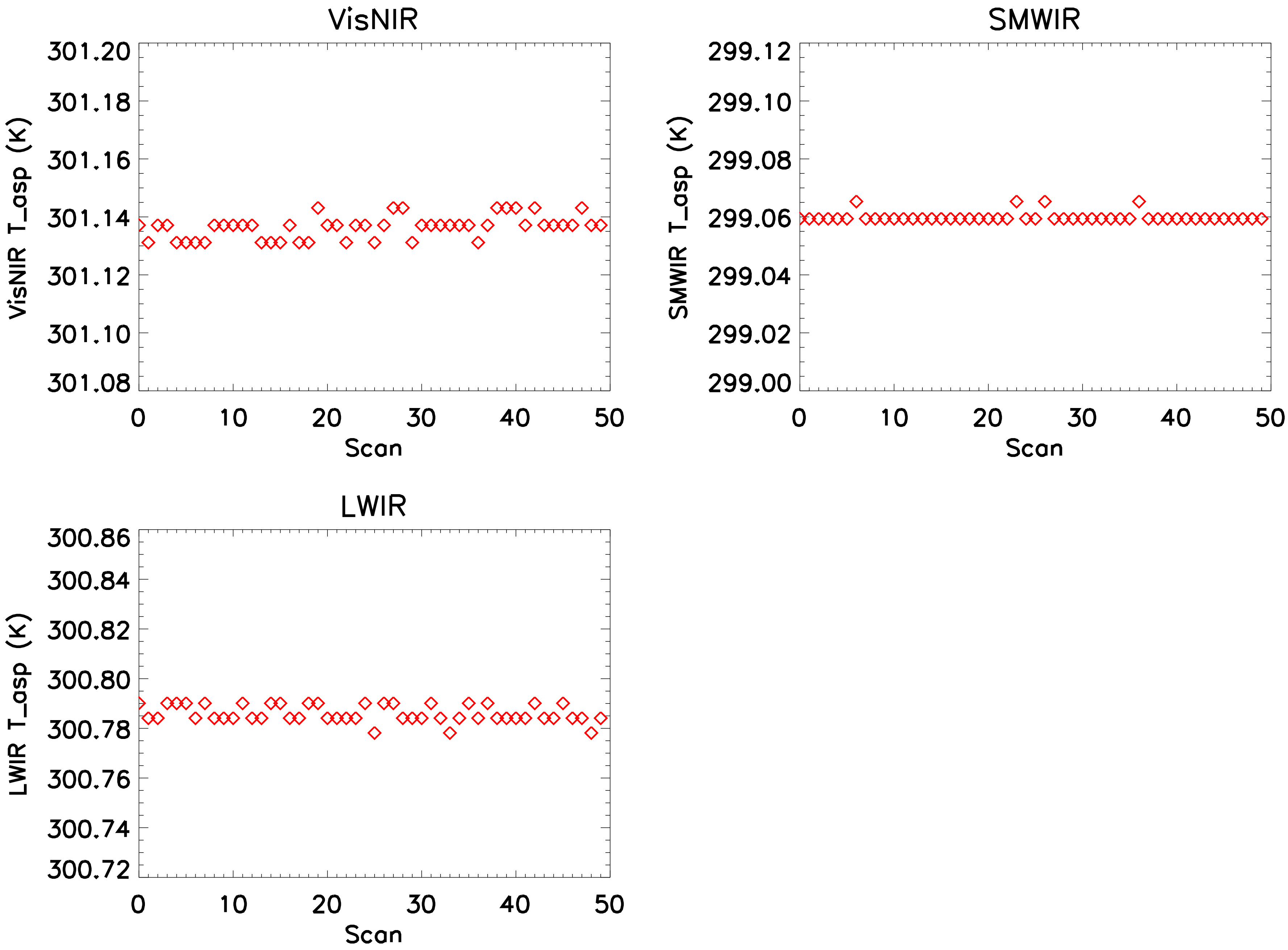

T_asp vs Scan: Collect=6
VisNIR
VisNIR T_asp (K)
301.22
301.20
301.18
301.16
301.14
301.12
301.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
299.18
299.16
299.14
299.12
299.10
299.08
299.06
299.04
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.88
300.86
300.84
300.82
300.80
300.78
300.76
300.74
0
10
20
30
40
50
Scan

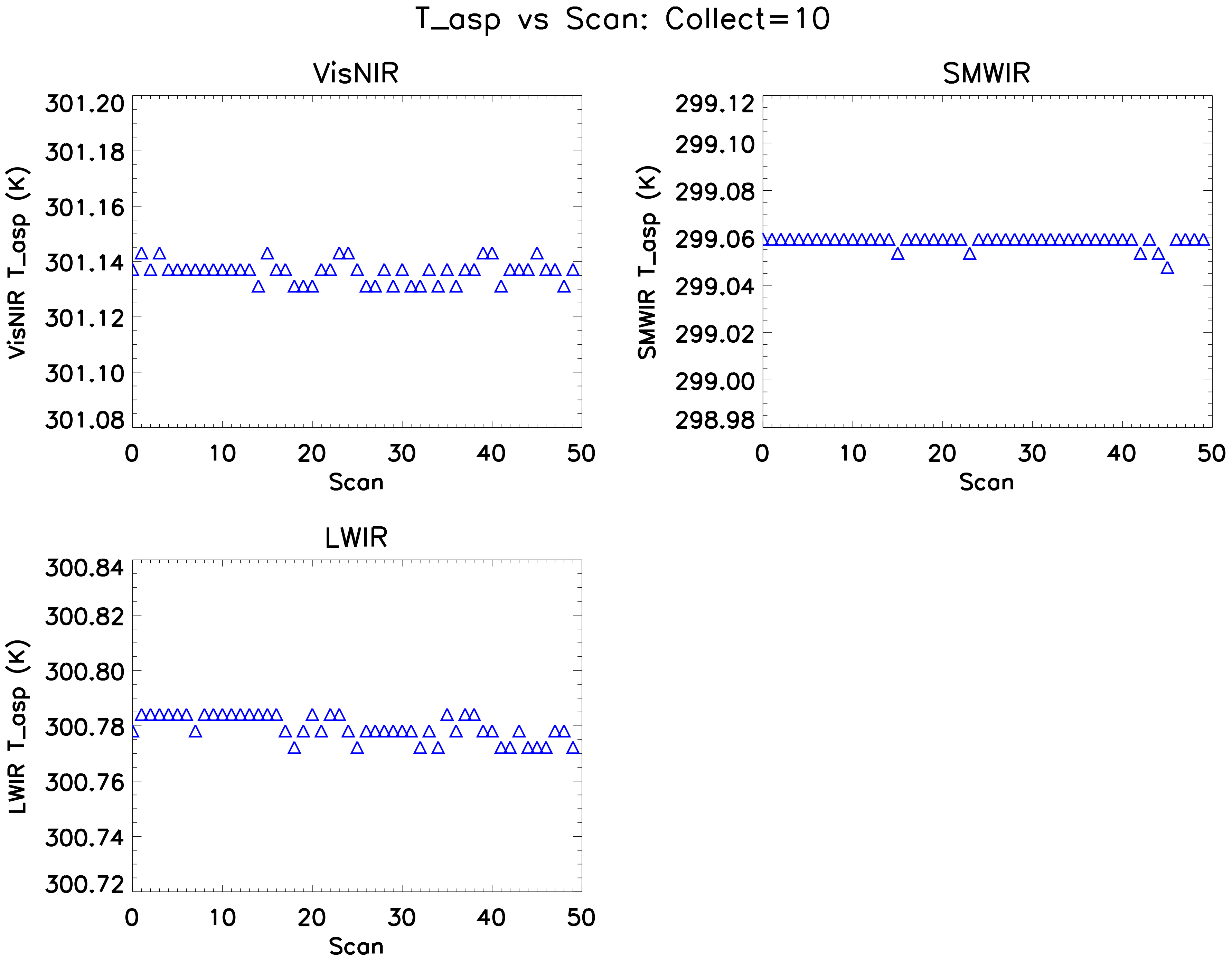
T_asp vs Scan: Collect=7

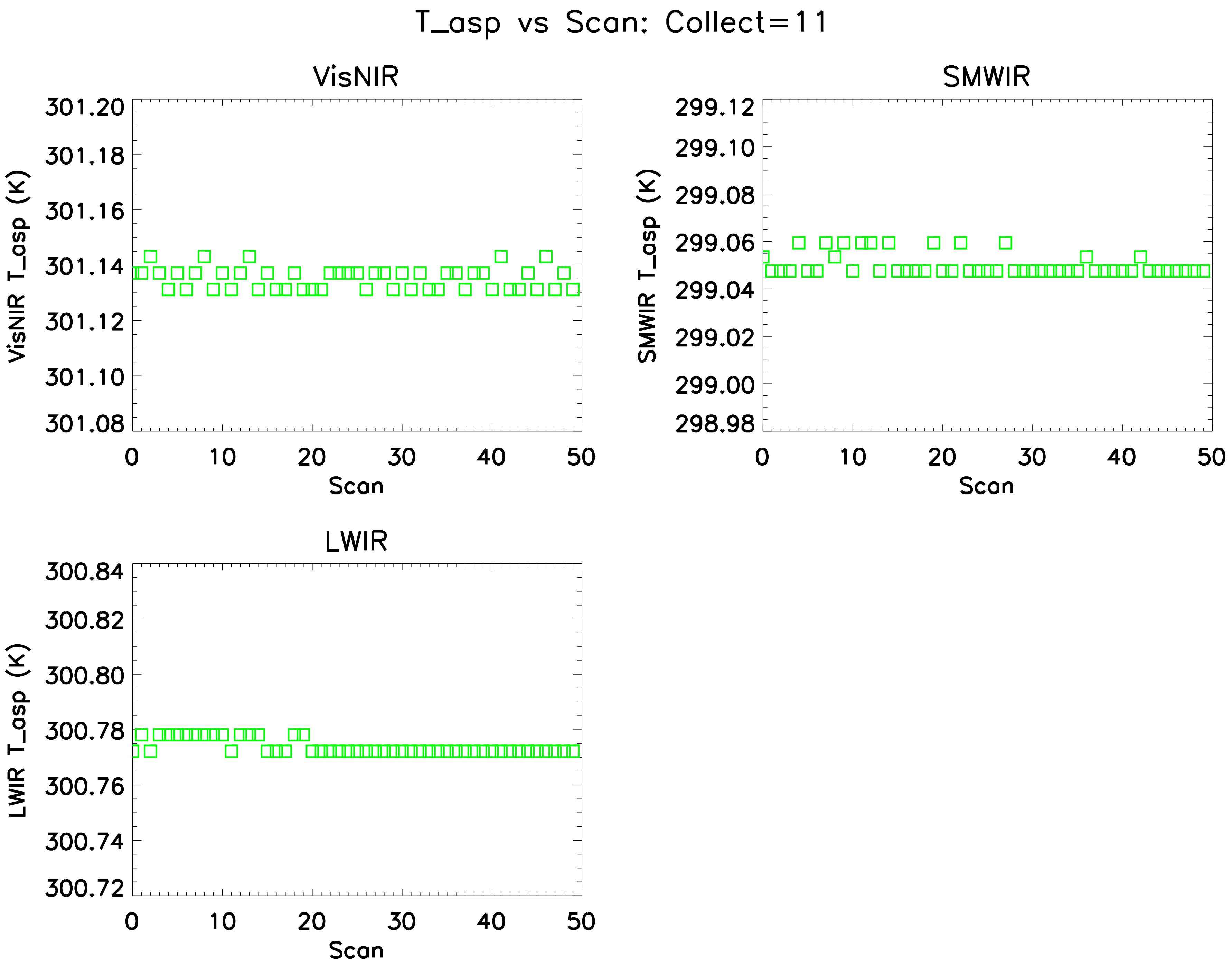



T_asp vs Scan: Collect=8
VisNIR
VisNIR T_asp (K)
301.22
301.20
301.18
301.16
301.14
301.12
301.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
299.18
299.16
299.14
299.12
299.10
299.08
299.06
299.04
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.88
300.86
300.84
300.82
300.80
300.78
300.76
300.74
0
10
20
30
40
50
Scan

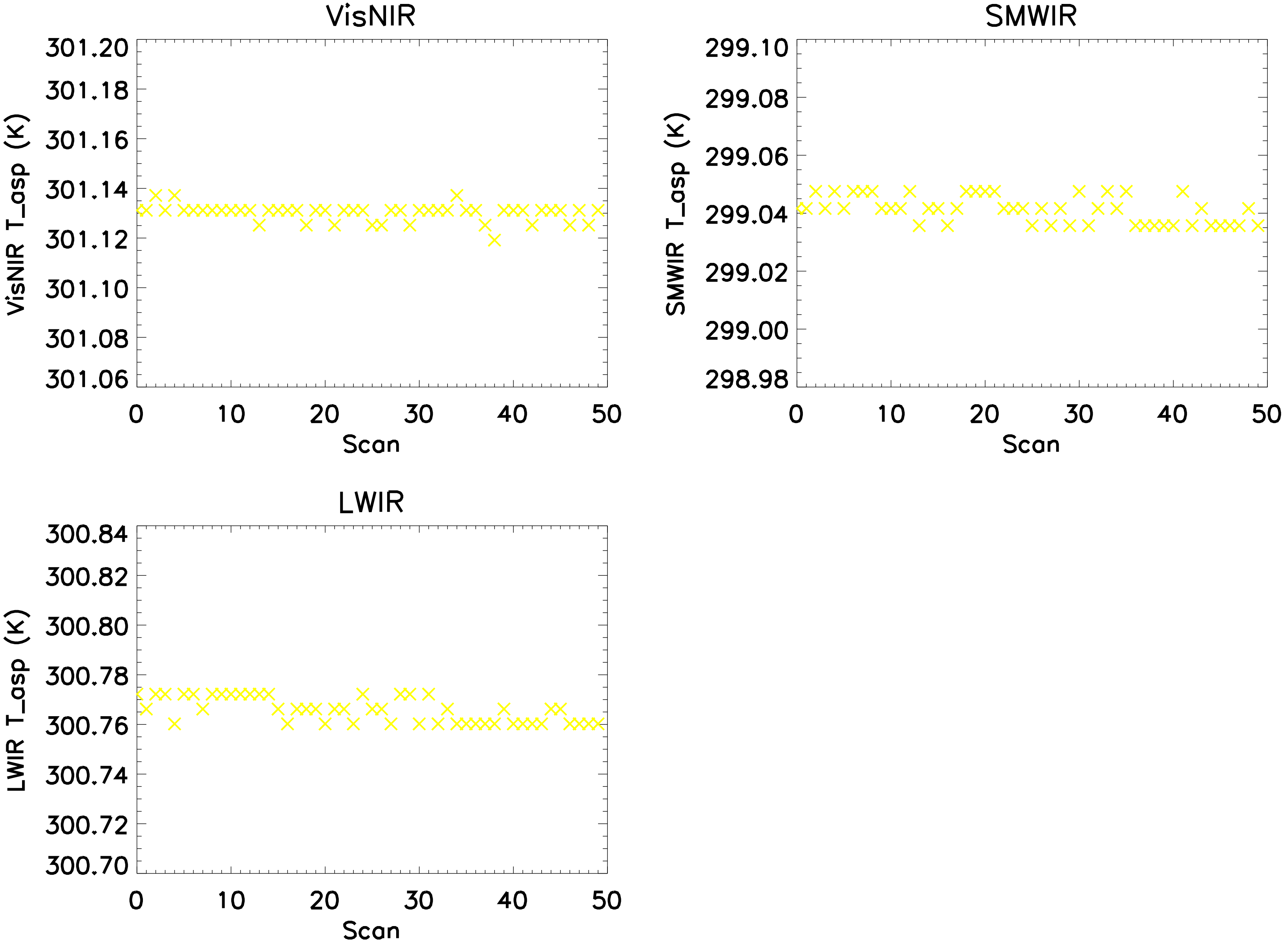
T_asp vs Scan: Collect=9

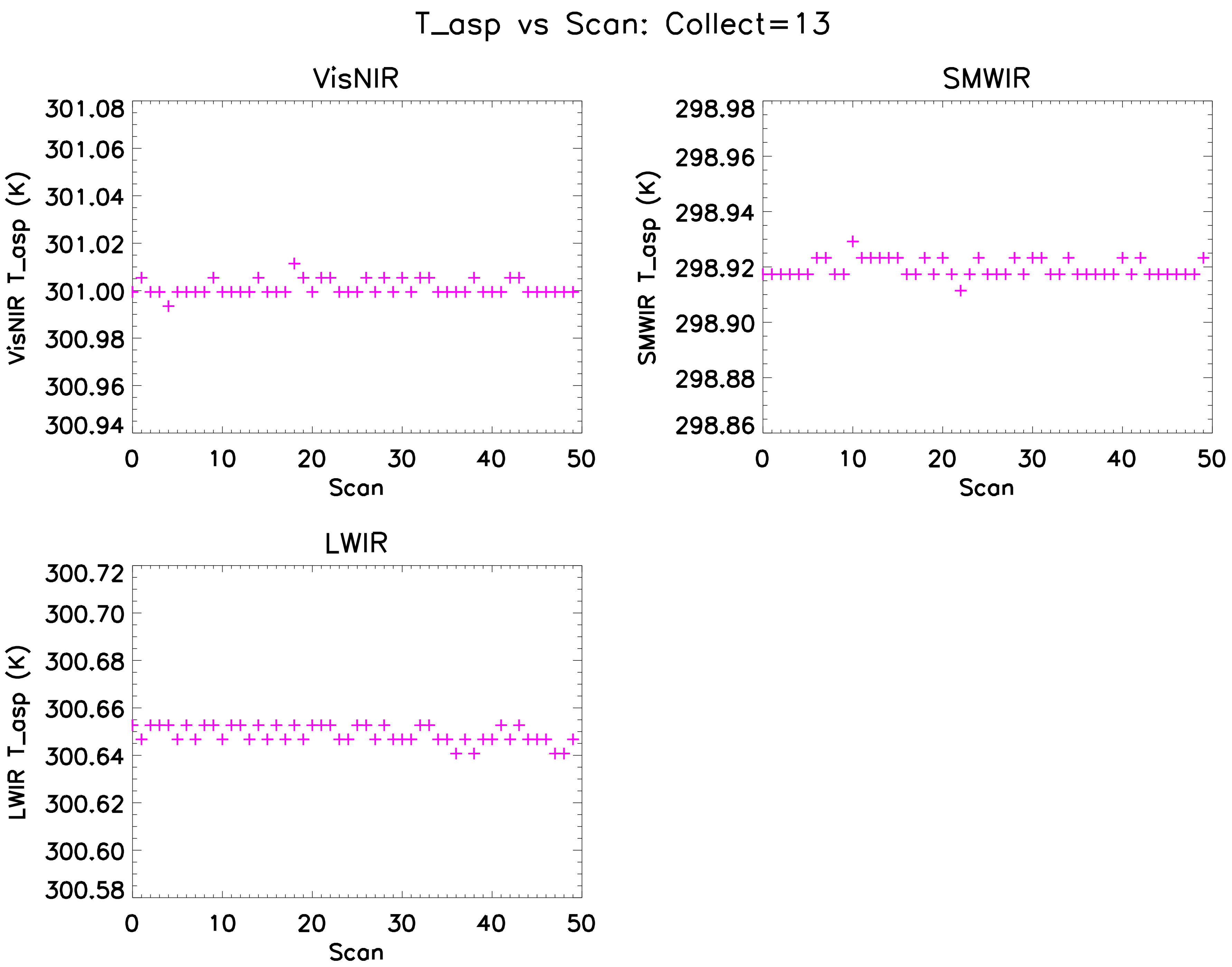



T_asp vs Scan: Collect=10
VisNIR
VisNIR T_asp (K)
301.20
301.18
301.16
301.14
301.12
301.10
301.08
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
299.12
299.10
299.08
299.06
299.04
299.02
299.00
298.98
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.84
300.82
300.80
300.78
300.76
300.74
300.72
0
10
20
30
40
50
Scan

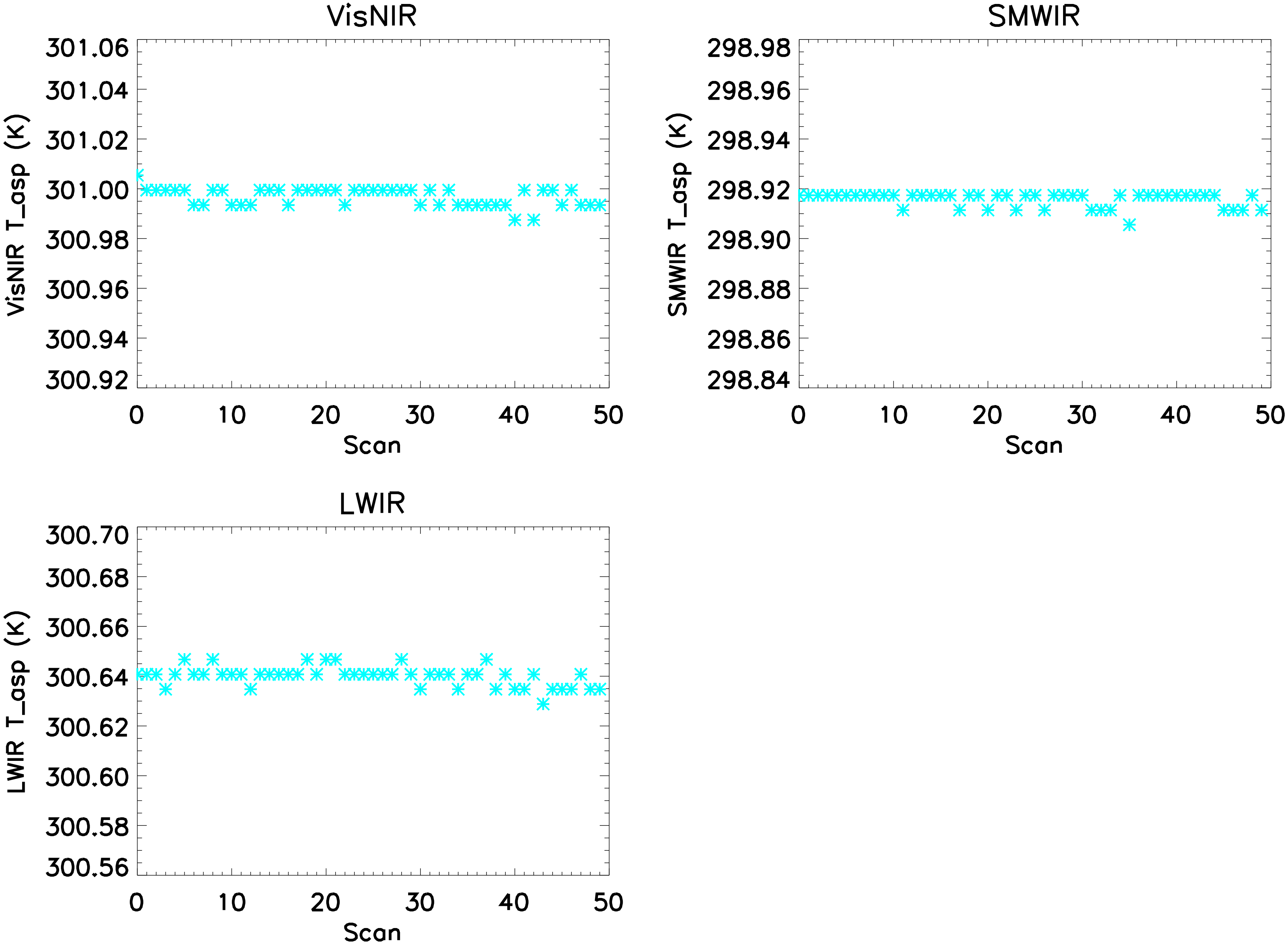

T_asp vs Scan: Collect=11
VisNIR
VisNIR T_asp (K)
301.20
301.18
301.16
301.14
301.12
301.10
301.08
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
299.12
299.10
299.08
299.06
299.04
299.02
299.00
298.98
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.84
300.82
300.80
300.78
300.76
300.74
300.72
0
10
20
30
40
50
Scan

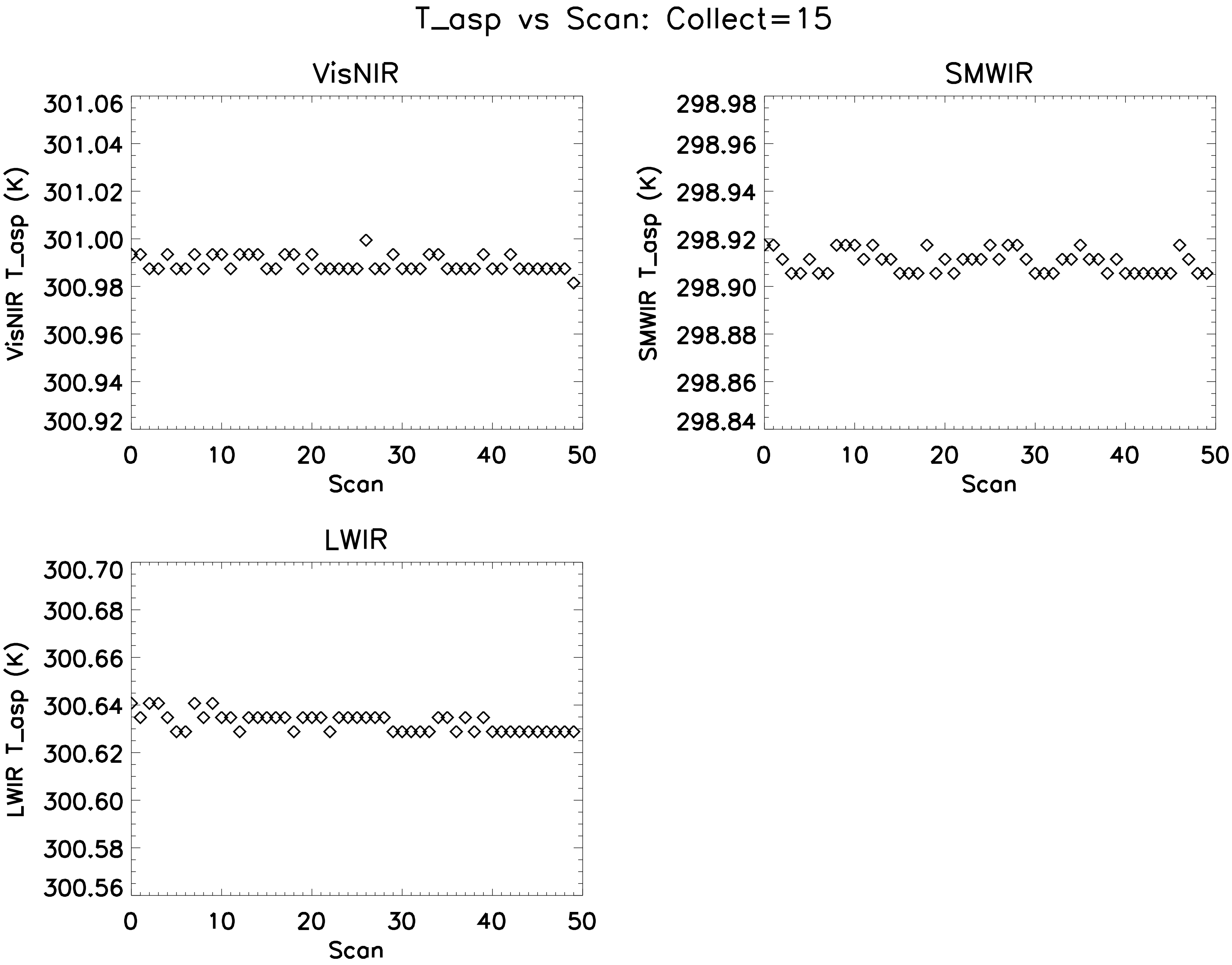
T_asp vs Scan: Collect=12

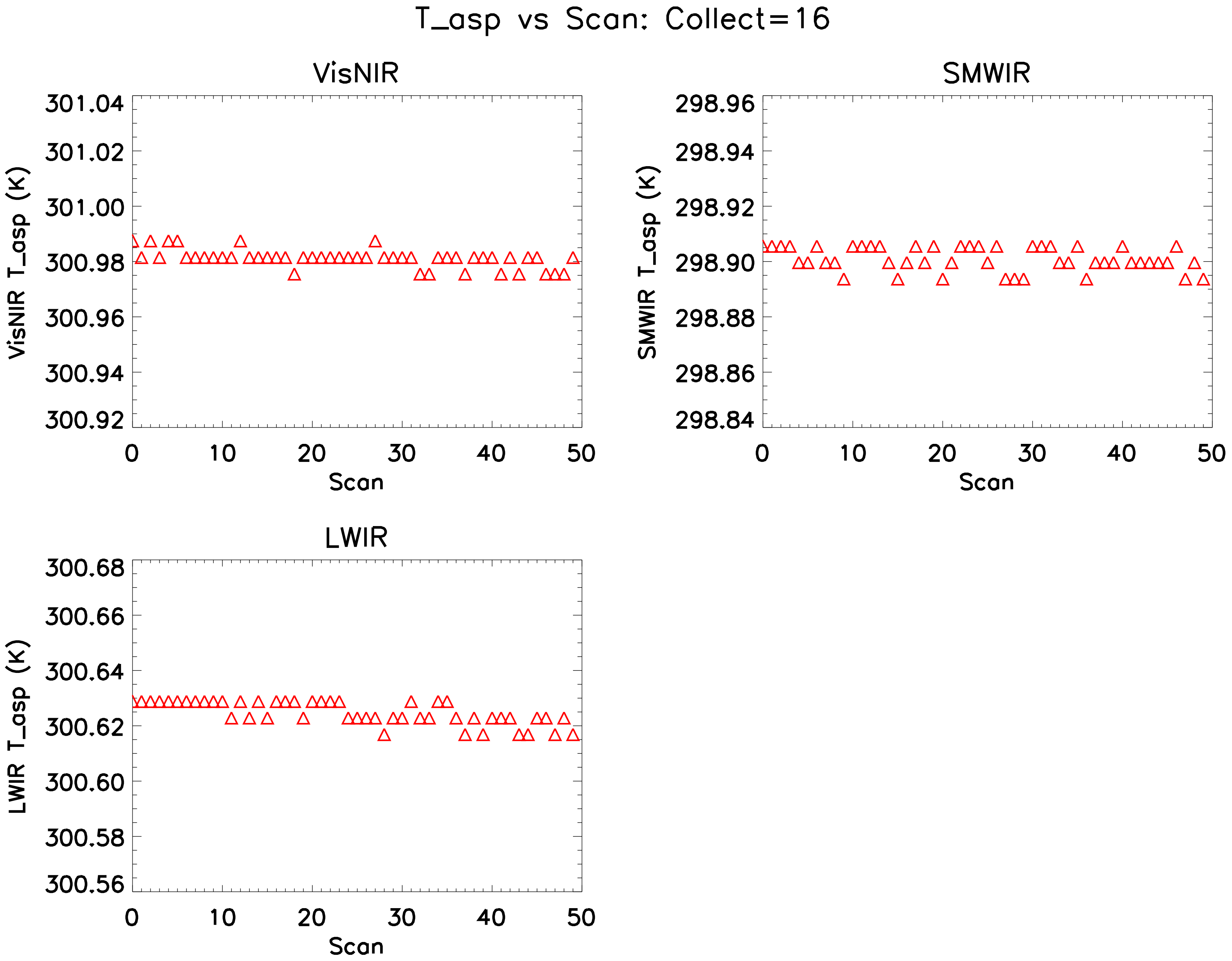



T_asp vs Scan: Collect=13
VisNIR
VisNIR T_asp (K)
301.08
301.06
301.04
301.02
301.00
300.98
300.96
300.94
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.98
298.96
298.94
298.92
298.90
298.88
298.86
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.72
300.70
300.68
300.66
300.64
300.62
300.60
300.58
0
10
20
30
40
50
Scan

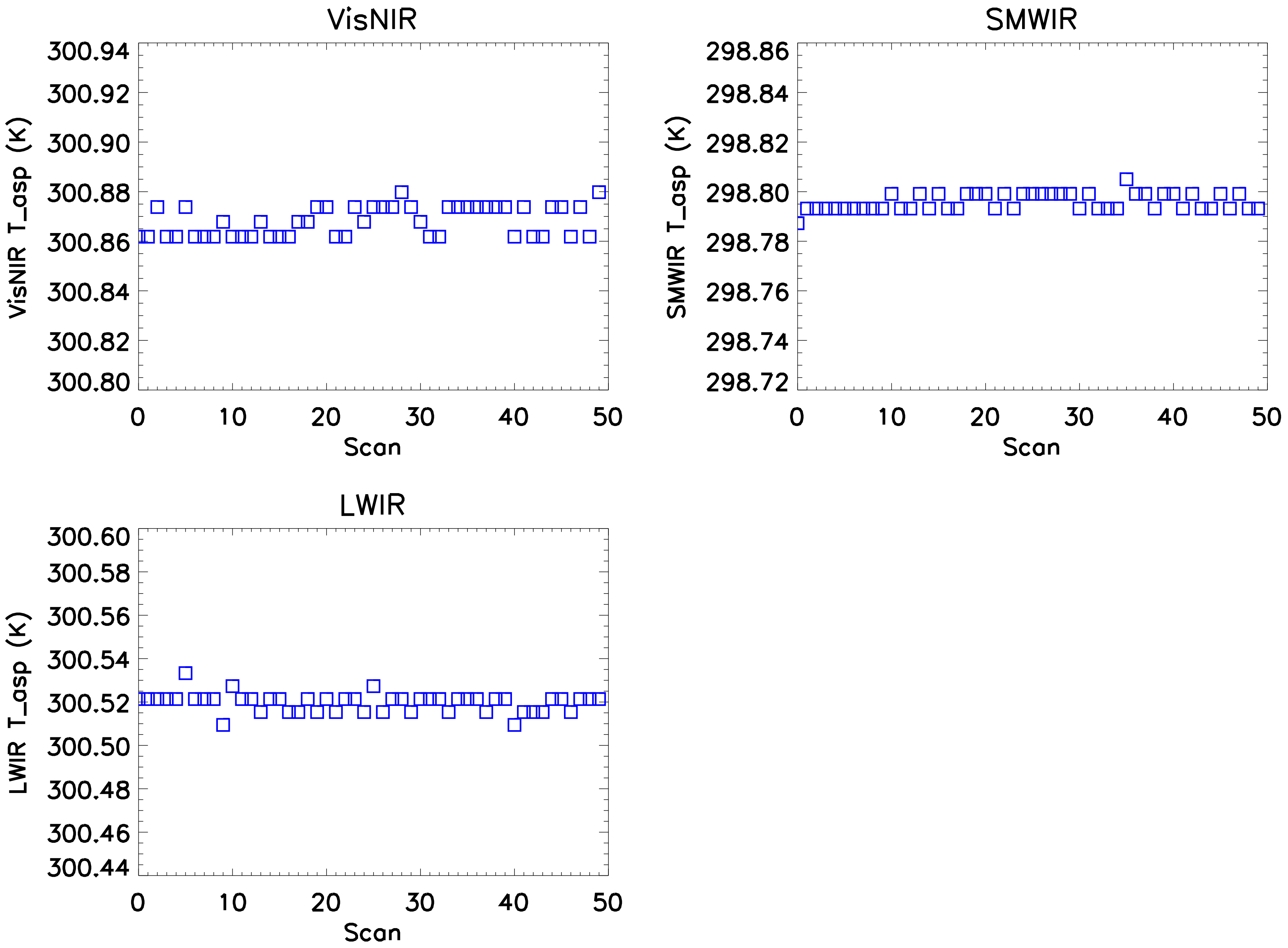
T_asp vs Scan: Collect=14



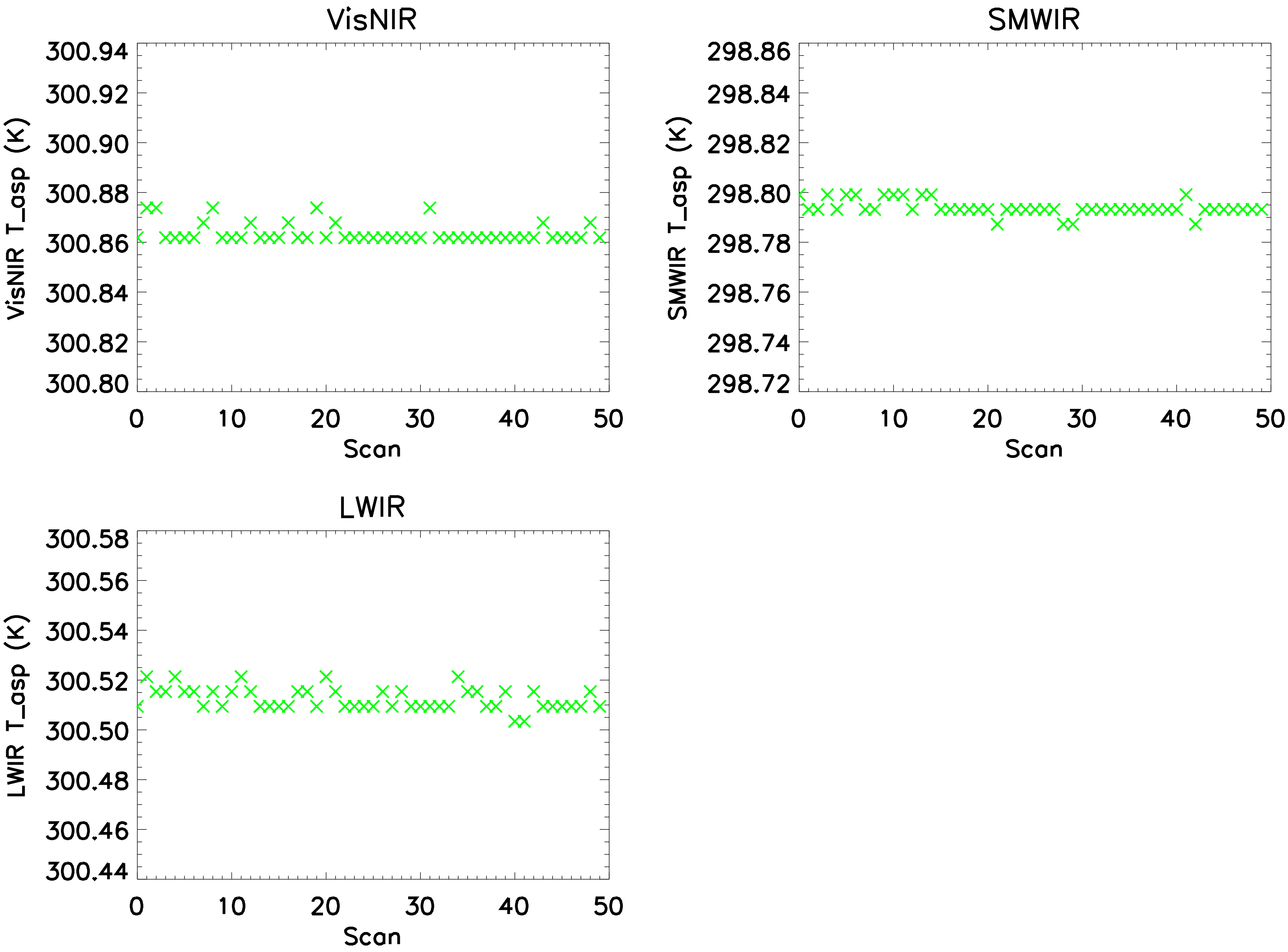

T_asp vs Scan: Collect=15
VisNIR
VisNIR T_asp (K)
301.06
301.04
301.02
301.00
300.98
300.96
300.94
300.92
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.98
298.96
298.94
298.92
298.90
298.88
298.86
298.84
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.70
300.68
300.66
300.64
300.62
300.60
300.58
300.56
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=16
VisNIR
VisNIR T_asp (K)
301.04
301.02
301.00
300.98
300.96
300.94
300.92
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.96
298.94
298.92
298.90
298.88
298.86
298.84
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.68
300.66
300.64
300.62
300.60
300.58
300.56
0
10
20
30
40
50
Scan

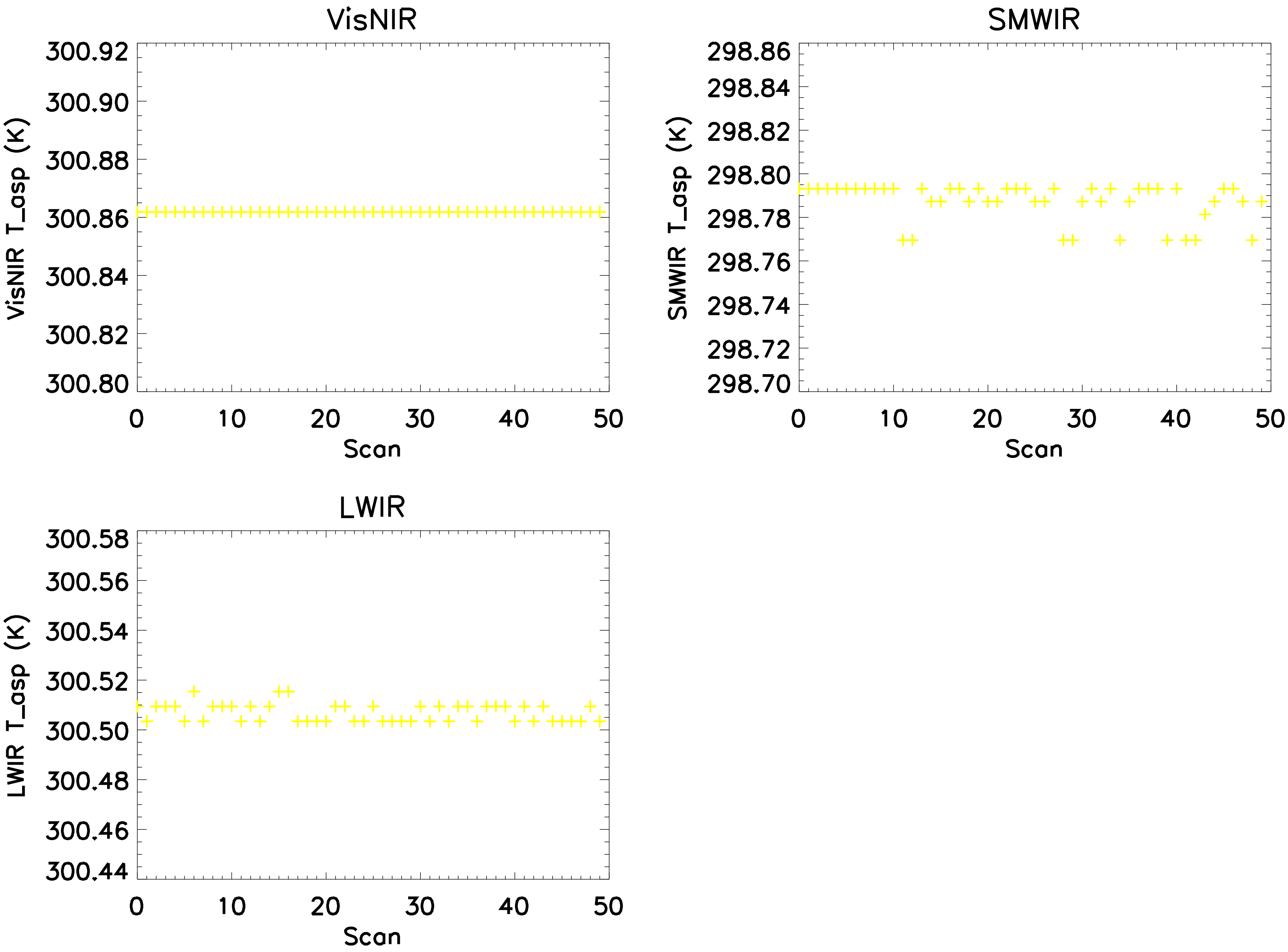
T_asp vs Scan: Collect=17

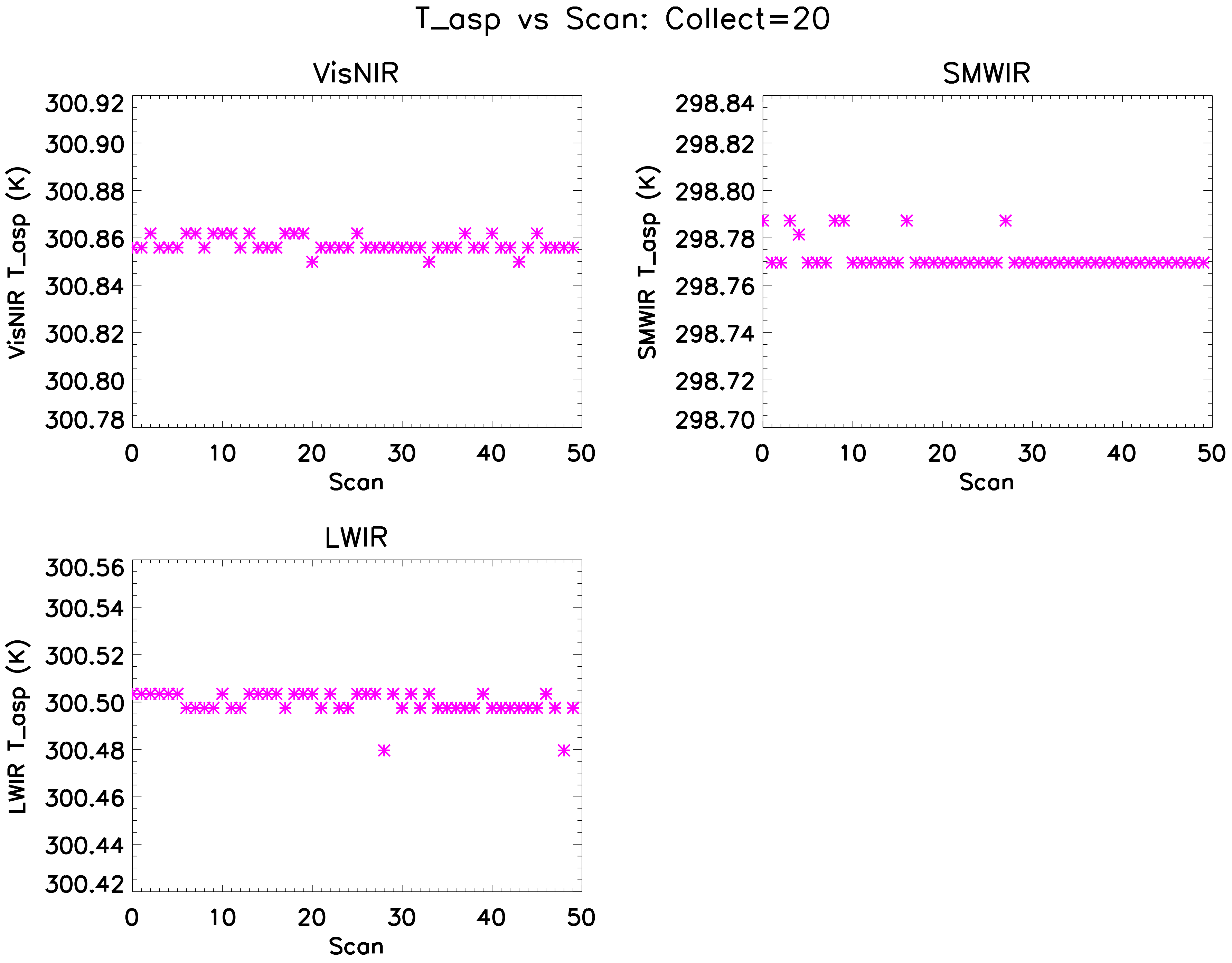


T_asp vs Scan: Collect=18

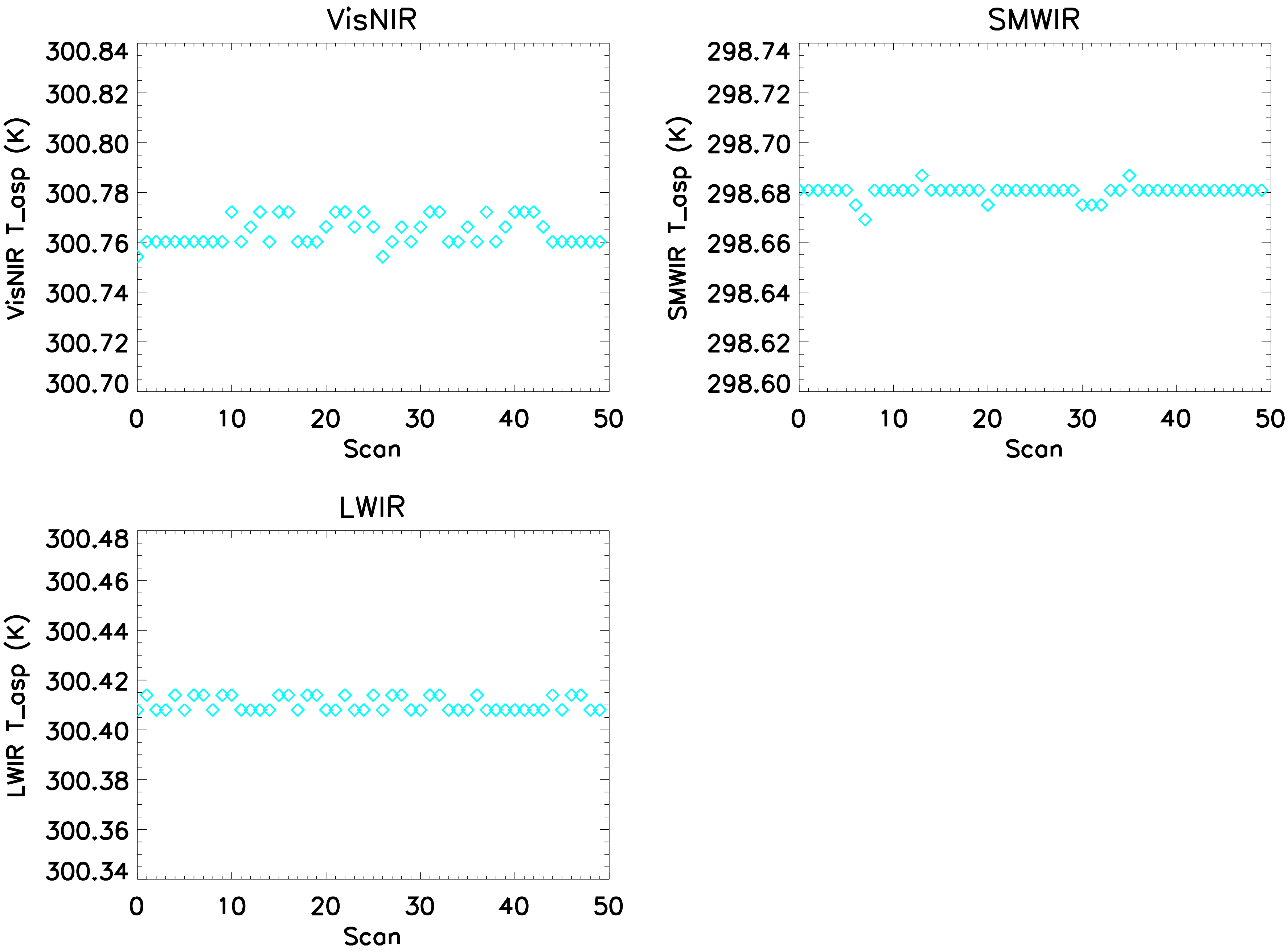


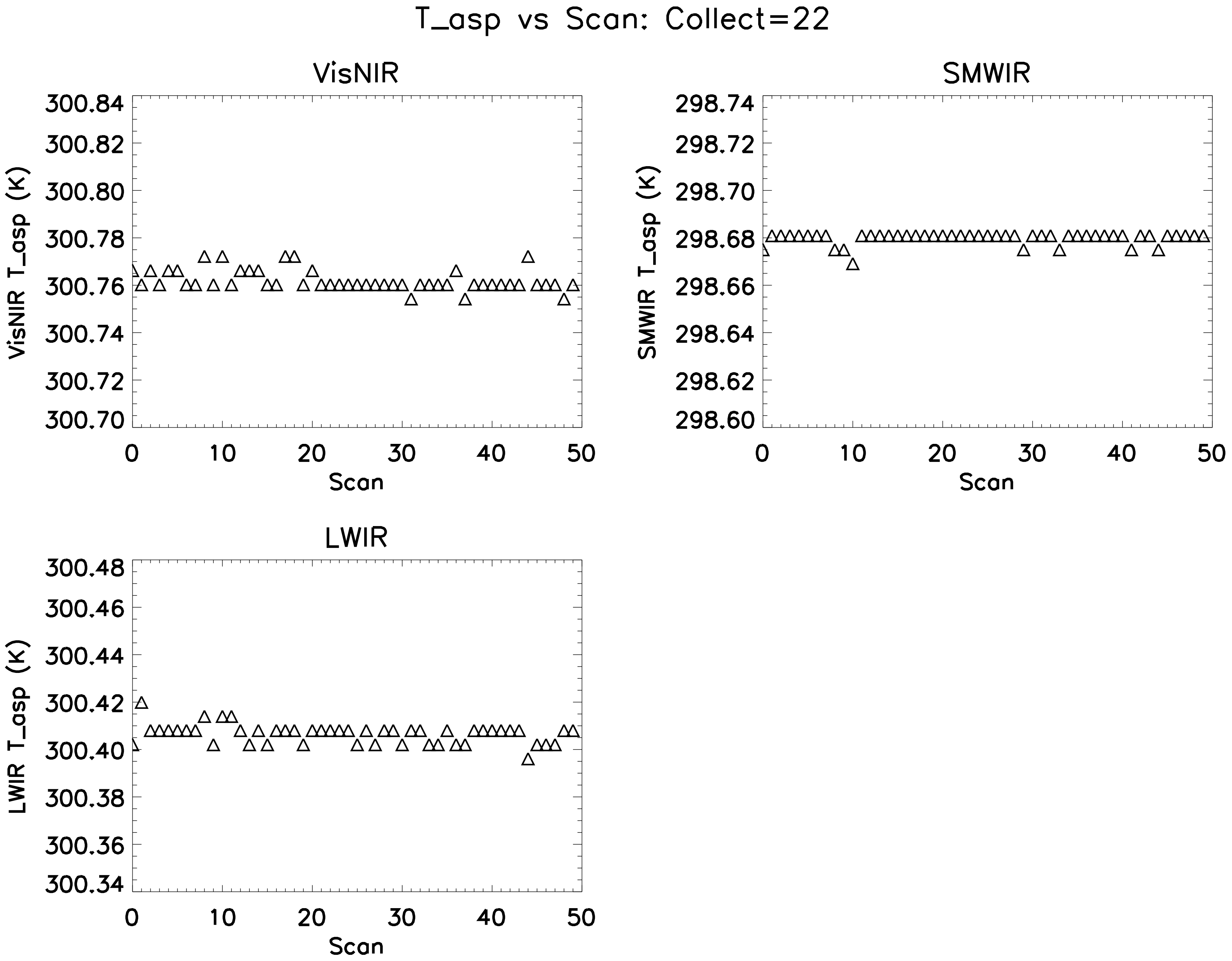
T_asp vs Scan: Collect=19



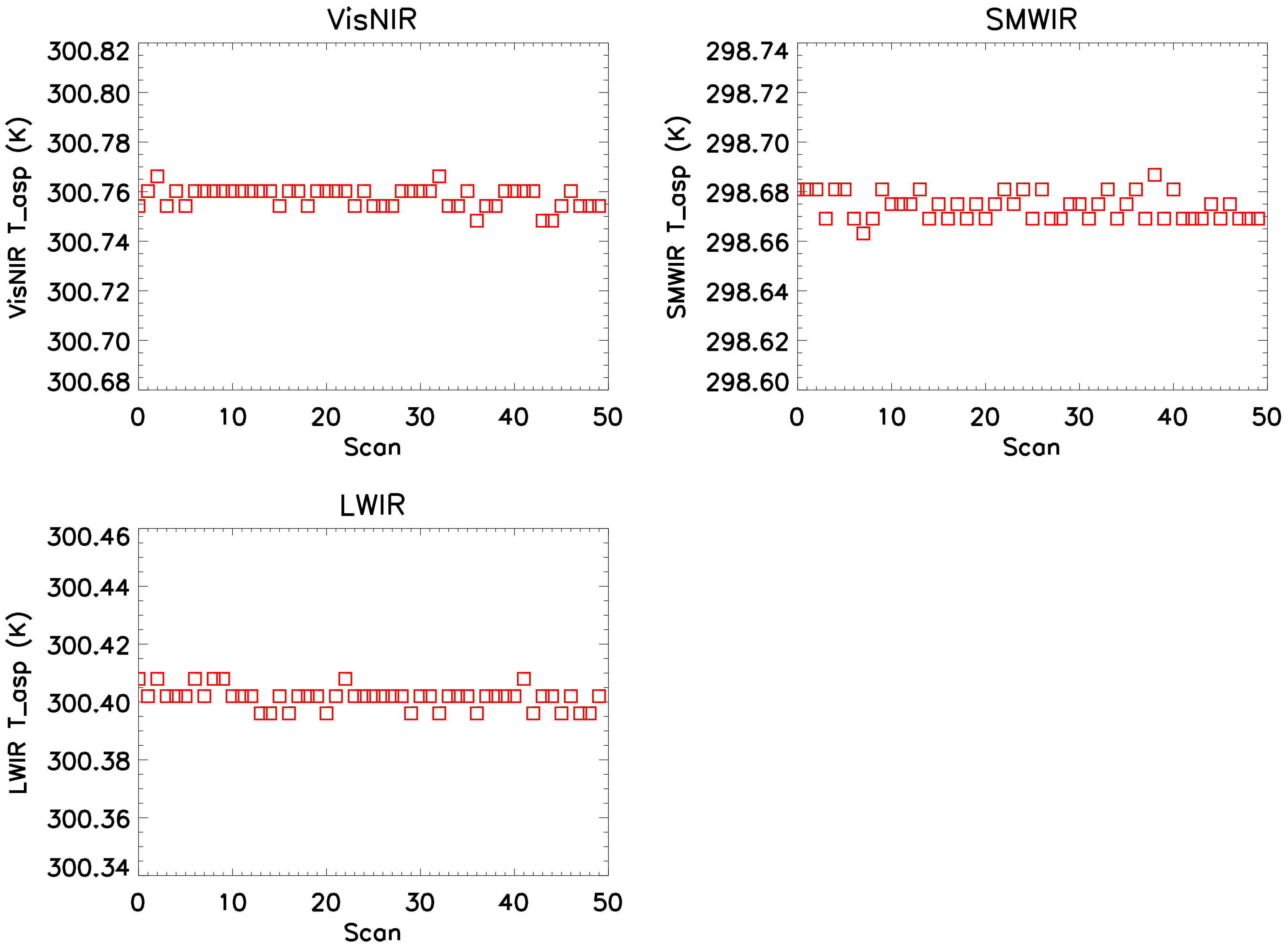

T_asp vs Scan: Collect=20
VisNIR
VisNIR T_asp (K)
300.92
300.90
300.88
300.86
300.84
300.82
300.80
300.78
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.84
298.82
298.80
298.78
298.76
298.74
298.72
298.70
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.56
300.54
300.52
300.50
300.48
300.46
300.44
300.42
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=21

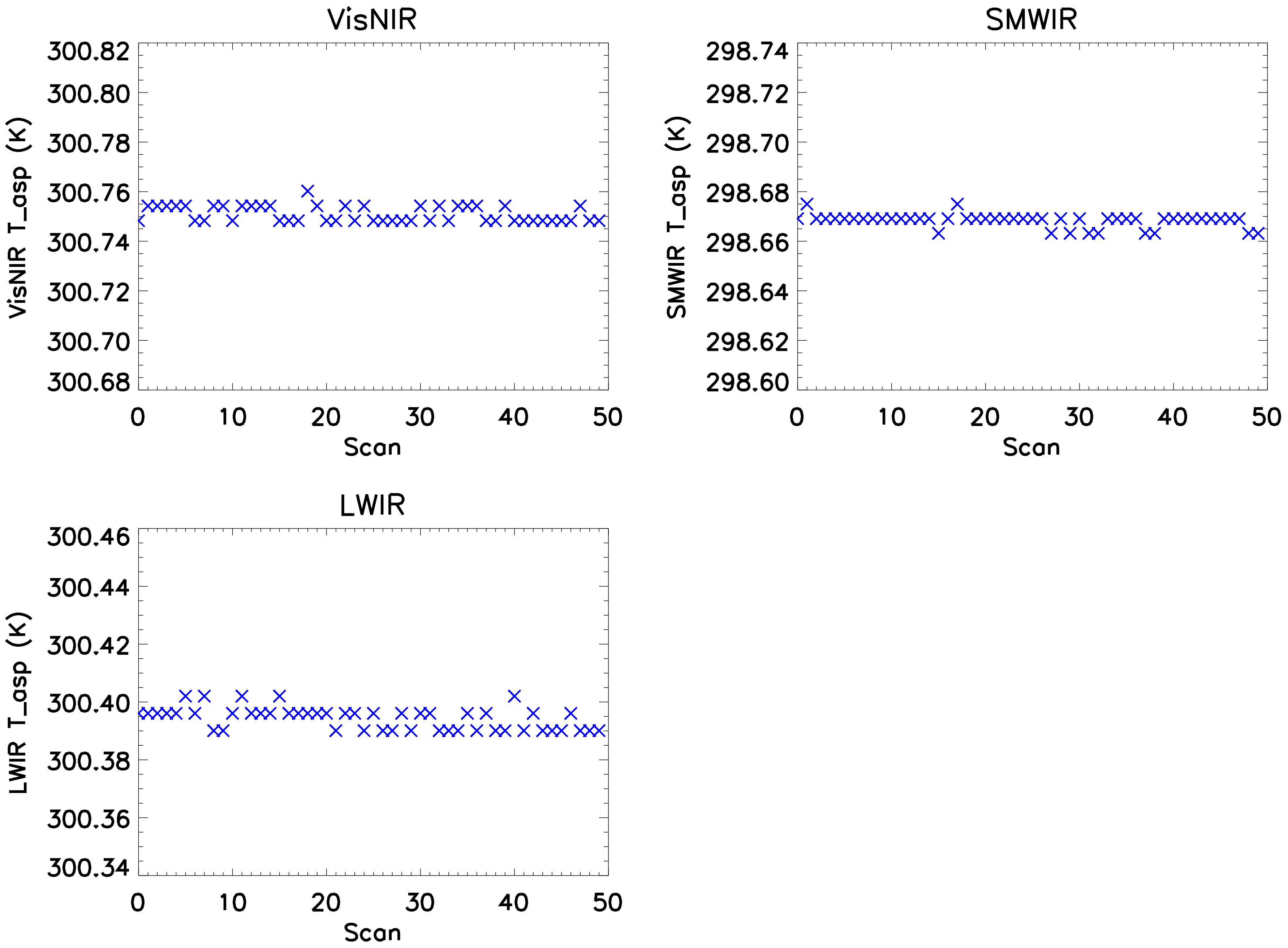



T_asp vs Scan: Collect=22
VisNIR
VisNIR T_asp (K)
300.84
300.82
300.80
300.78
300.76
300.74
300.72
300.70
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.74
298.72
298.70
298.68
298.66
298.64
298.62
298.60
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.48
300.46
300.44
300.42
300.40
300.38
300.36
300.34
0
10
20
30
40
50
Scan

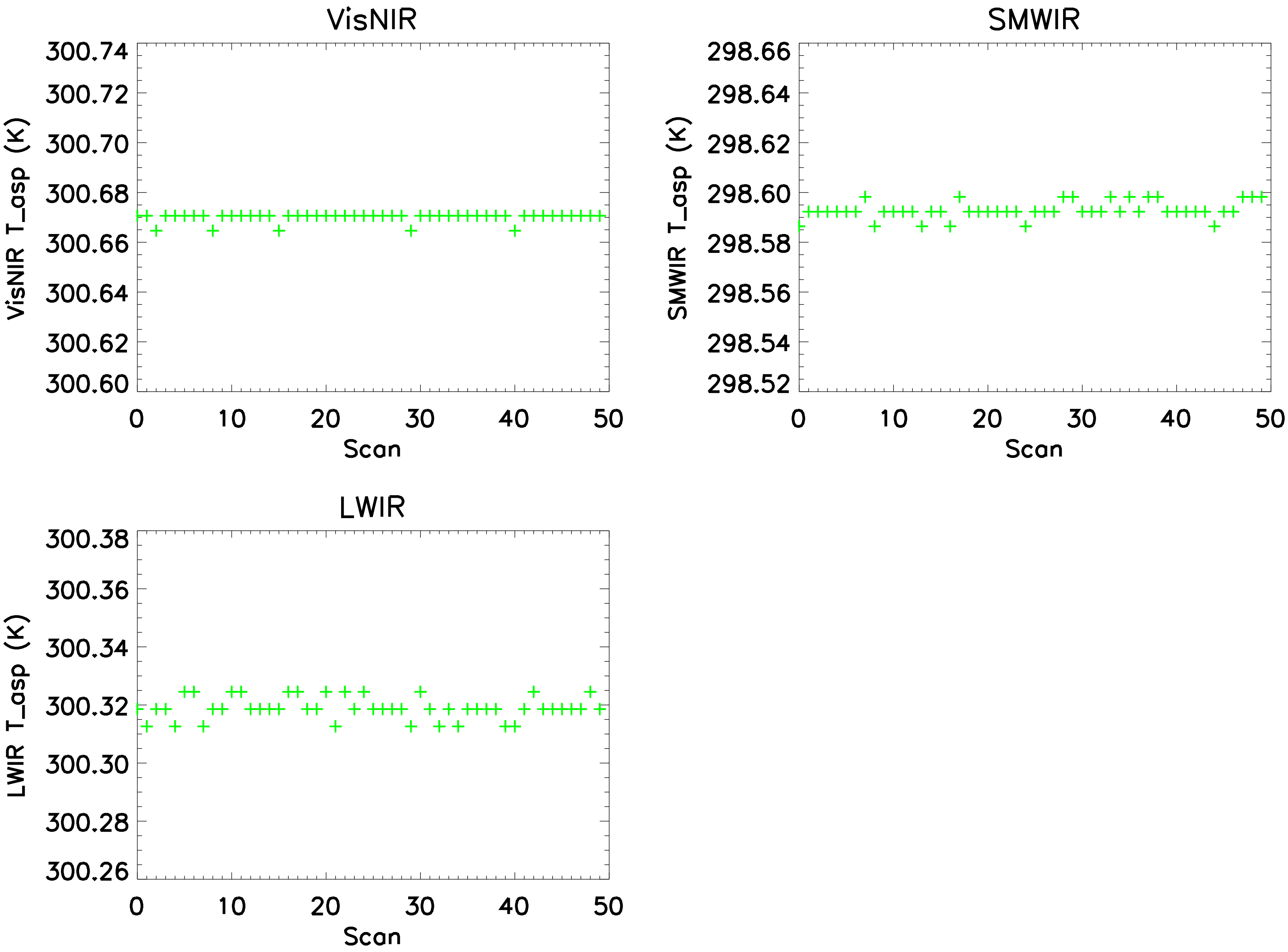
T_asp vs Scan: Collect=23



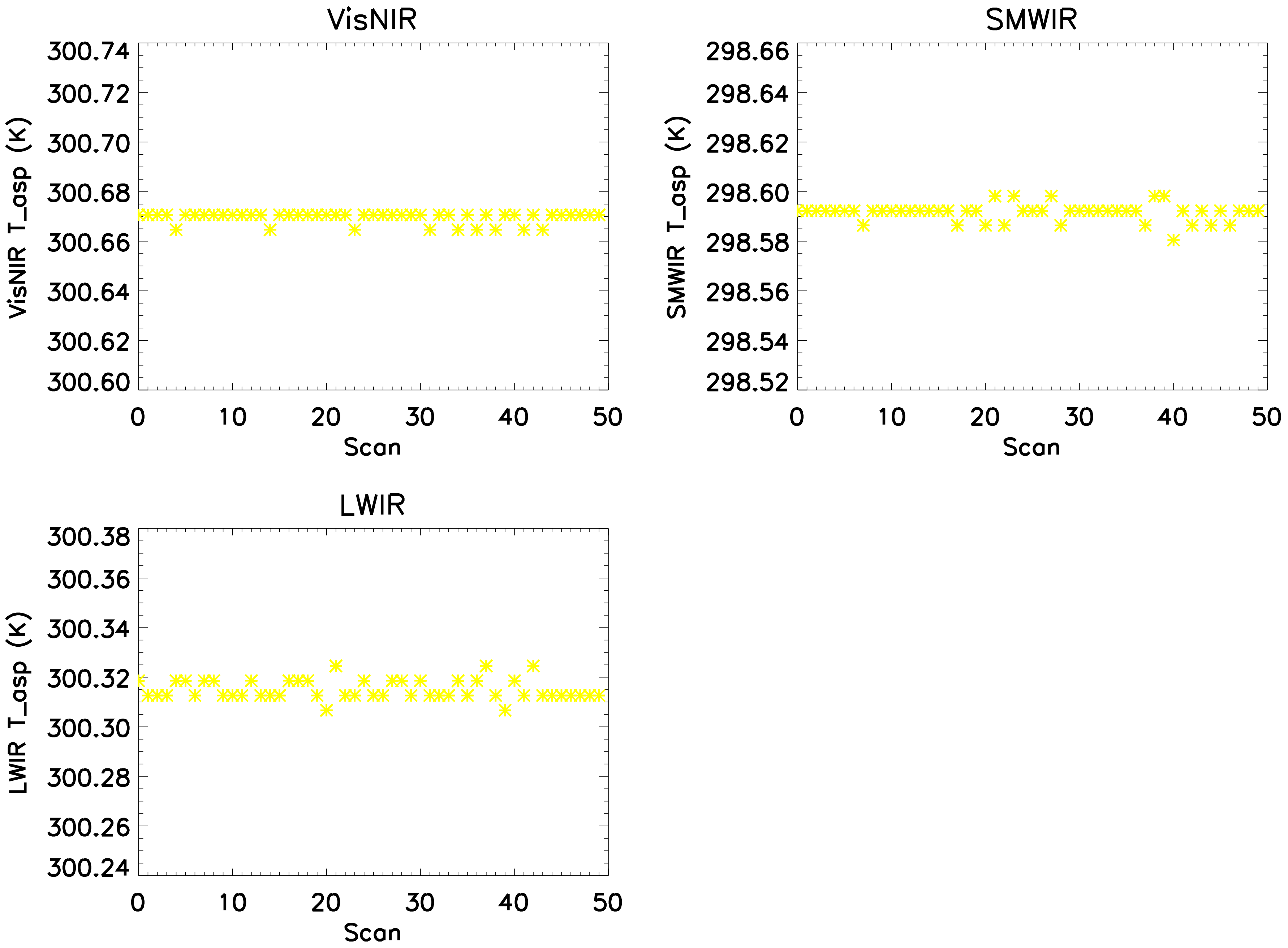
T_asp vs Scan: Collect=24

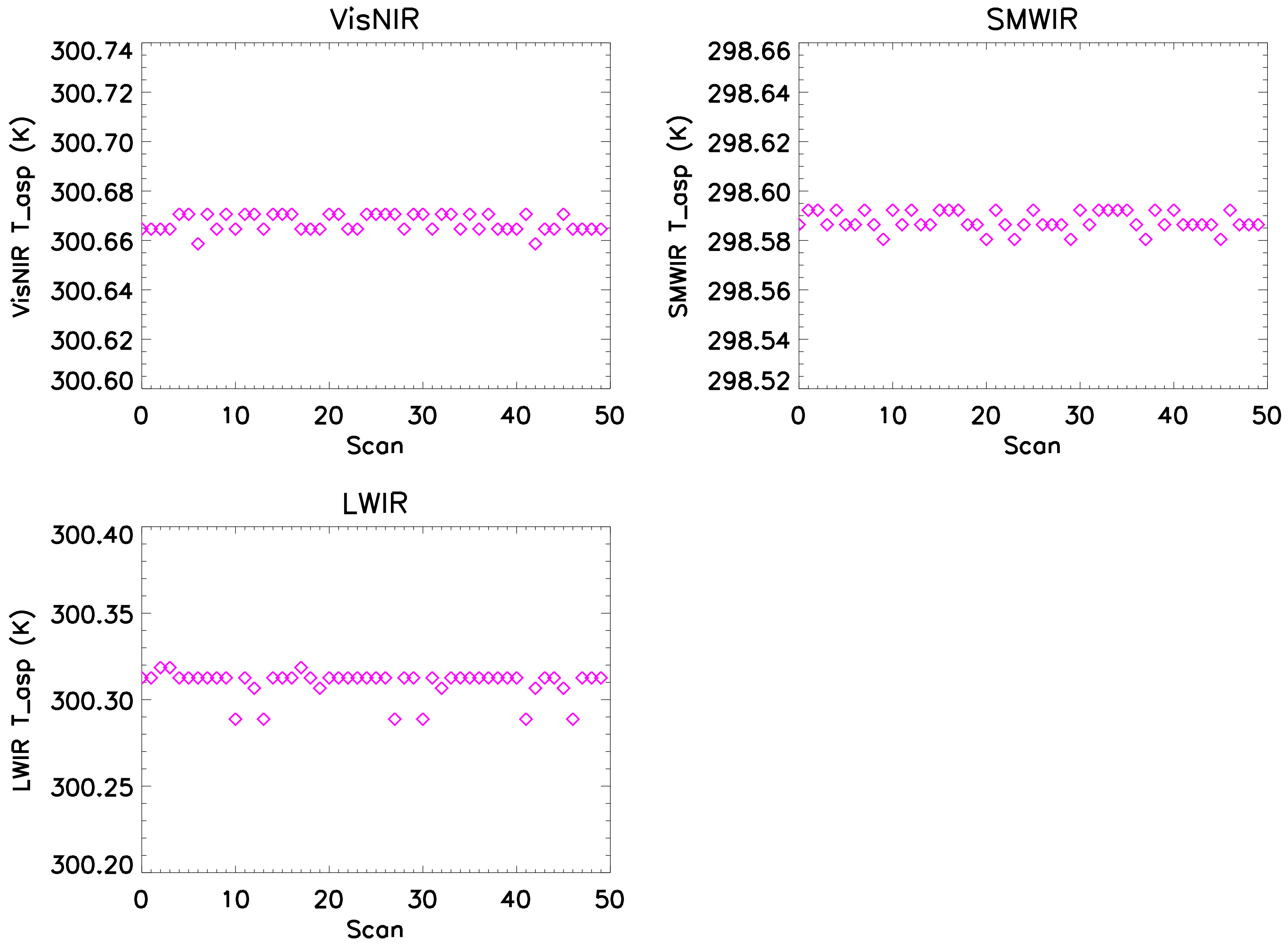


T_asp vs Scan: Collect=25

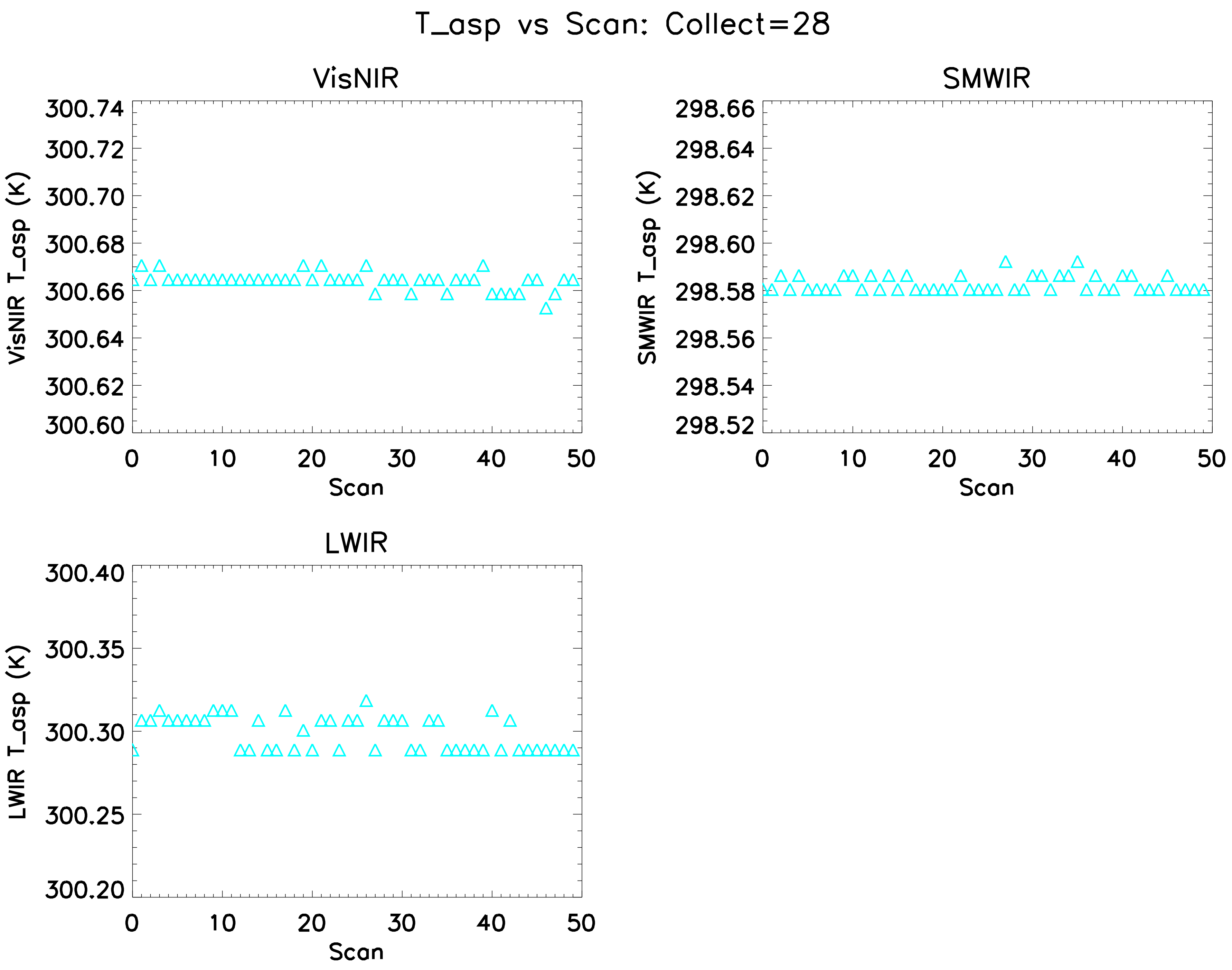


T_asp vs Scan: Collect=26

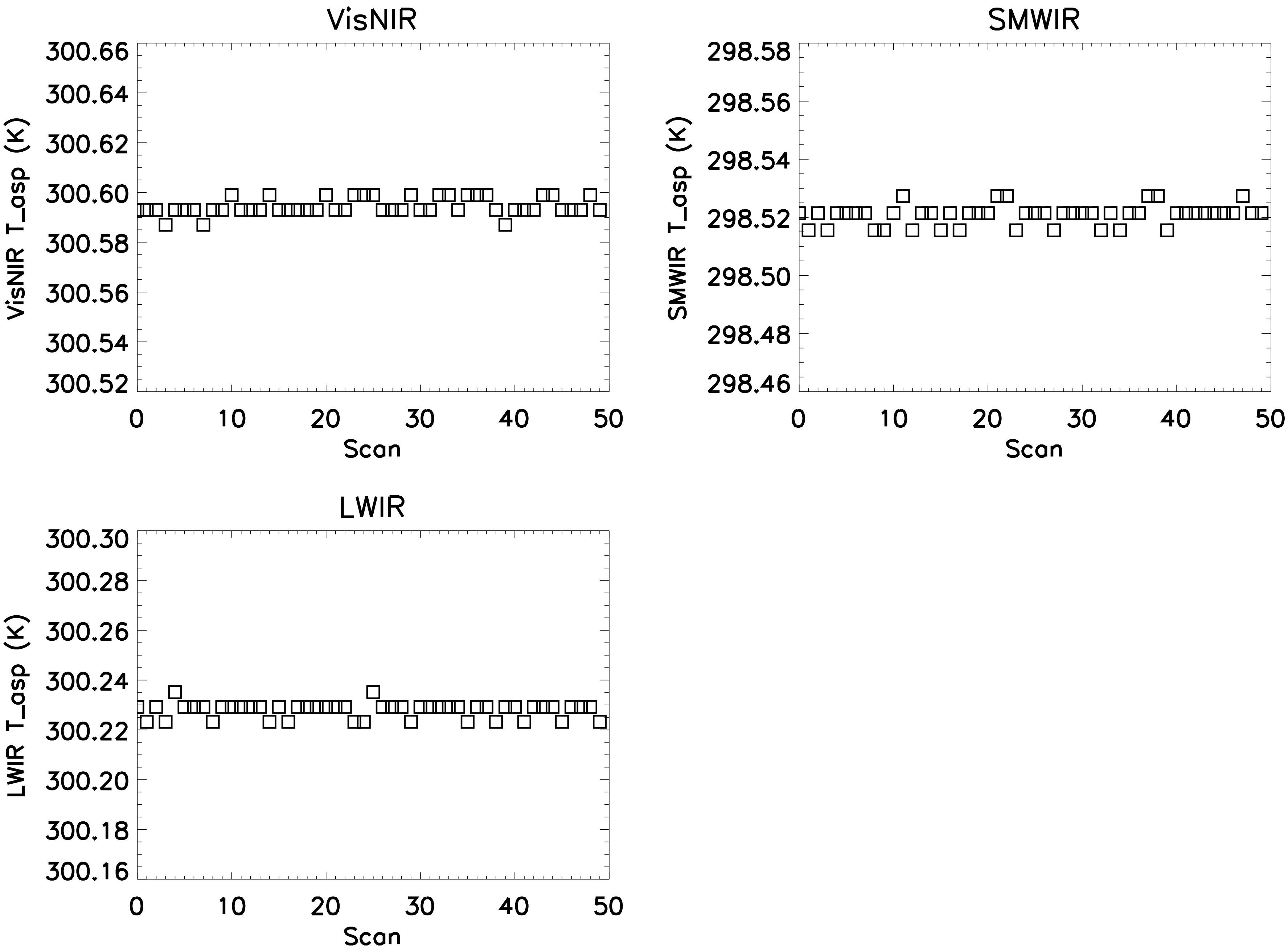


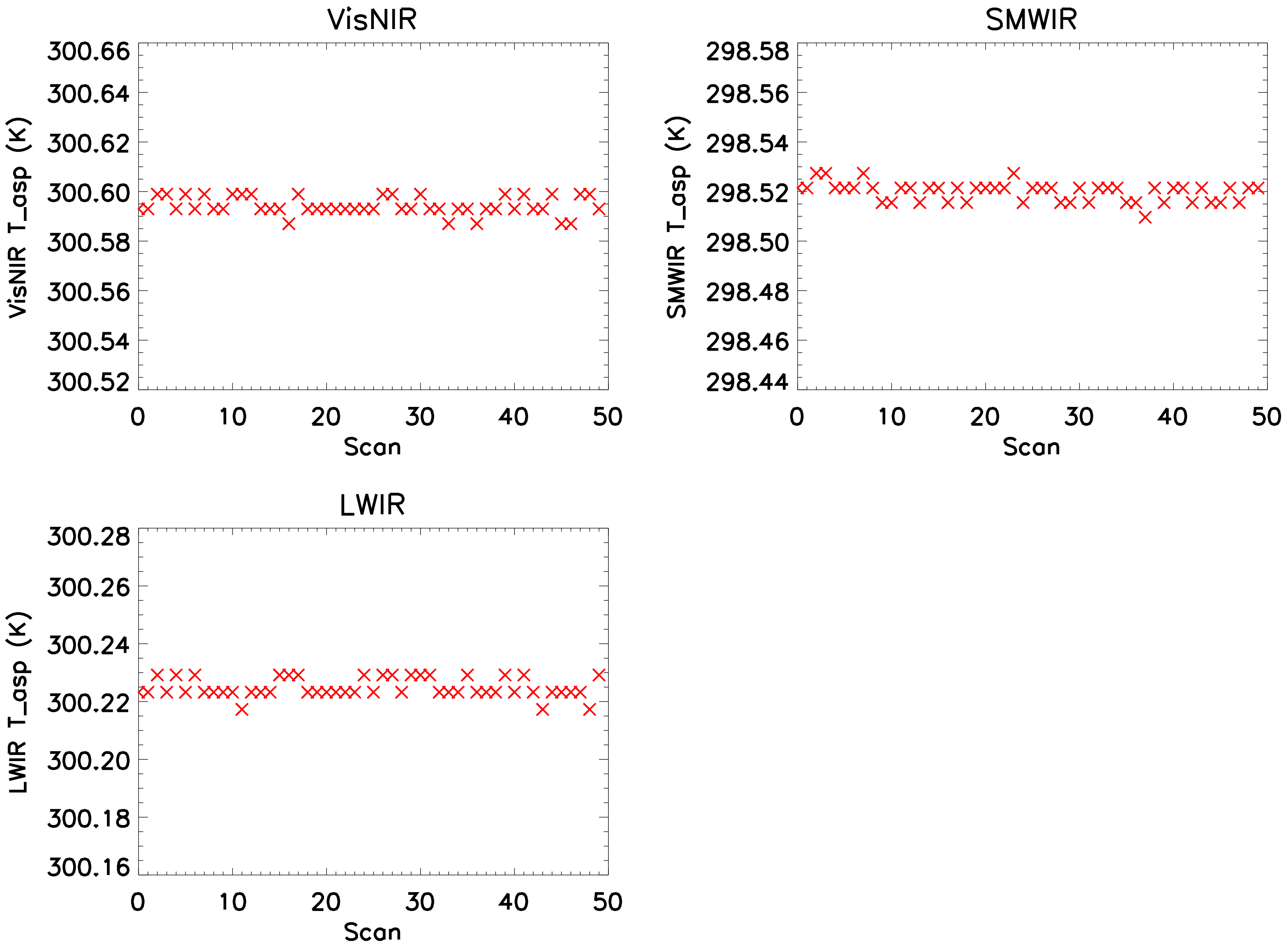


T_asp vs Scan: Collect=27

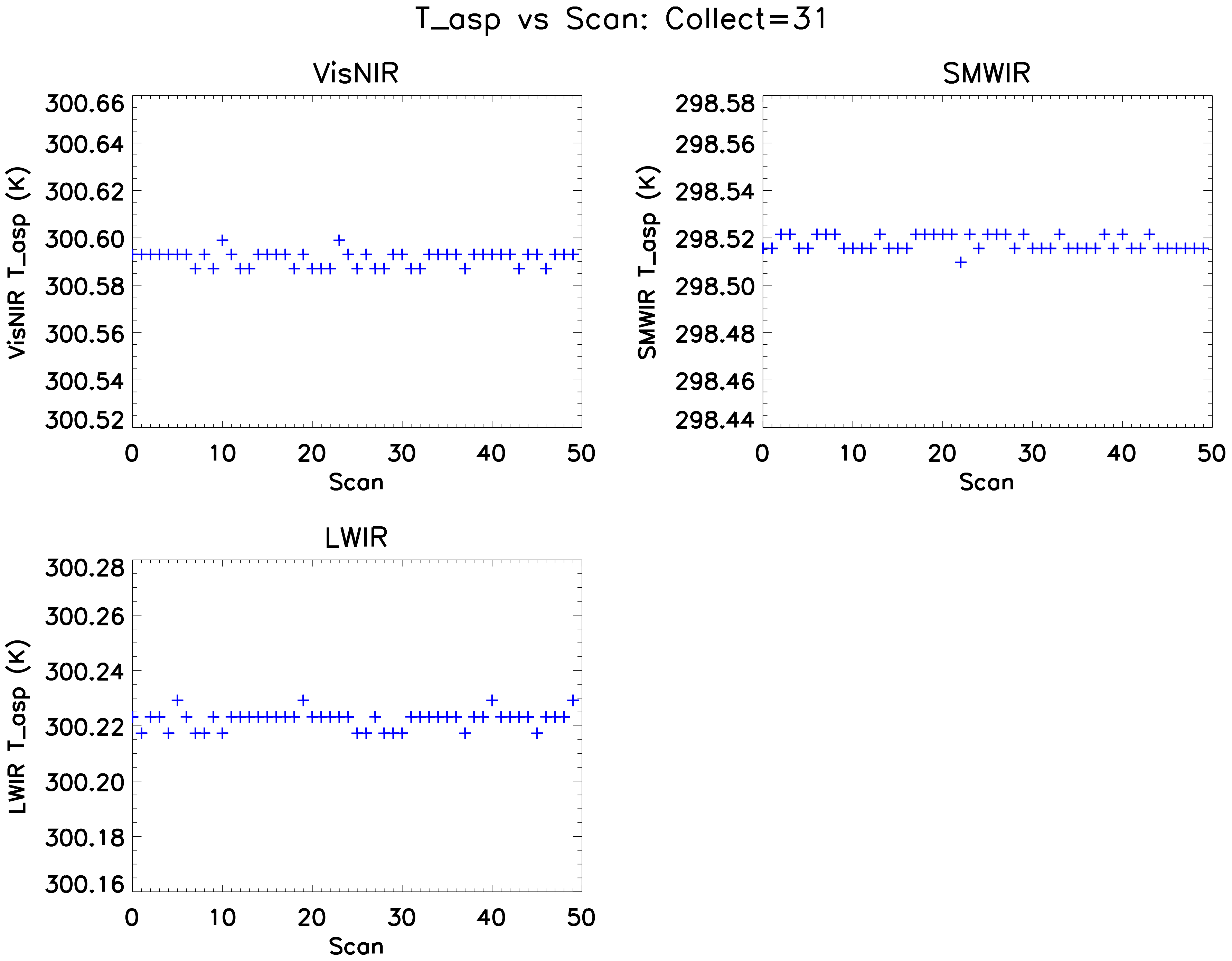

T_asp vs Scan: Collect=28
VisNIR
VisNIR T_asp (K)
300.74
300.72
300.70
300.68
300.66
300.64
300.62
300.60
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.66
298.64
298.62
298.60
298.58
298.56
298.54
298.52
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.40
300.35
300.30
300.25
300.20
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=29

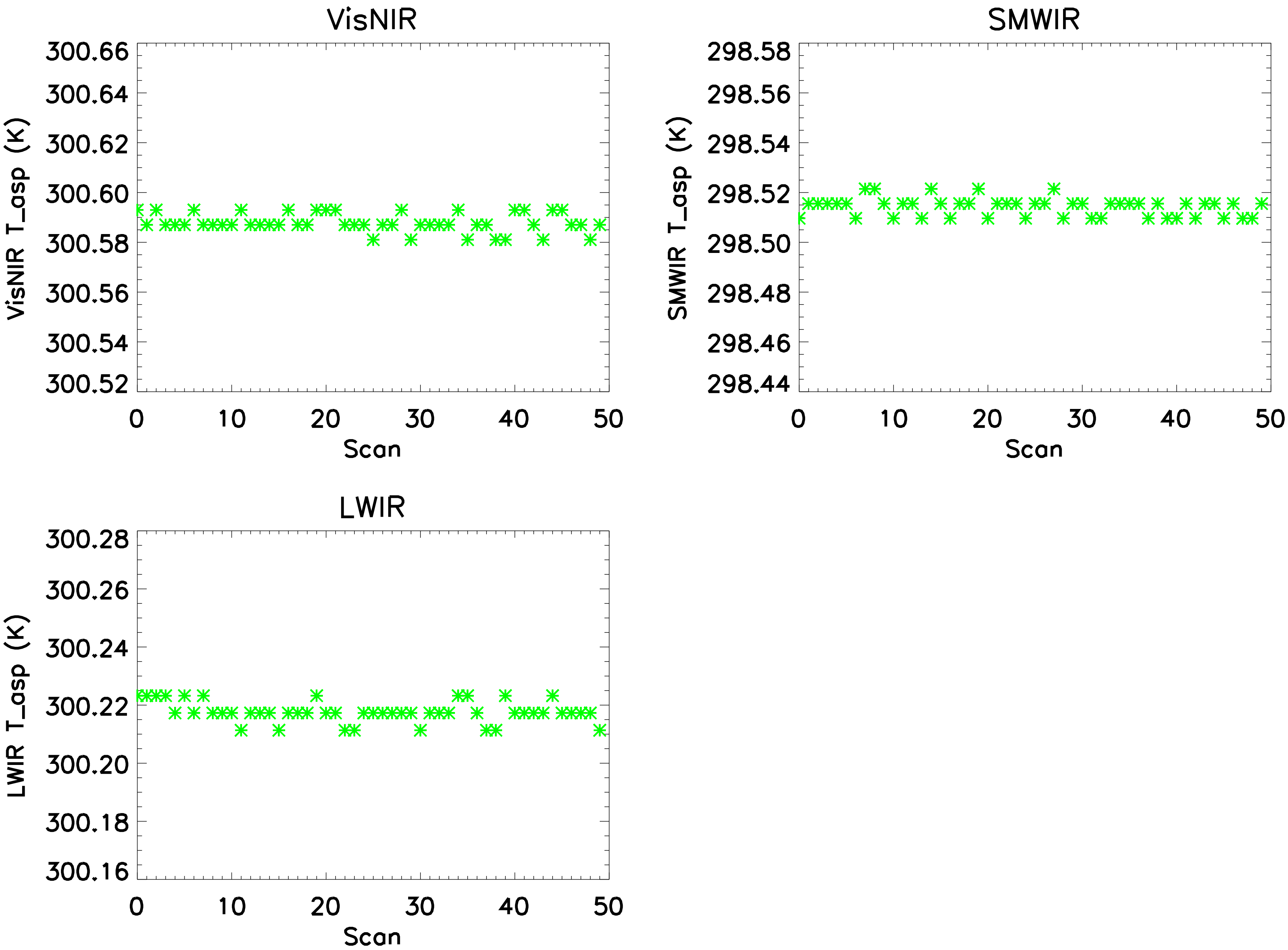




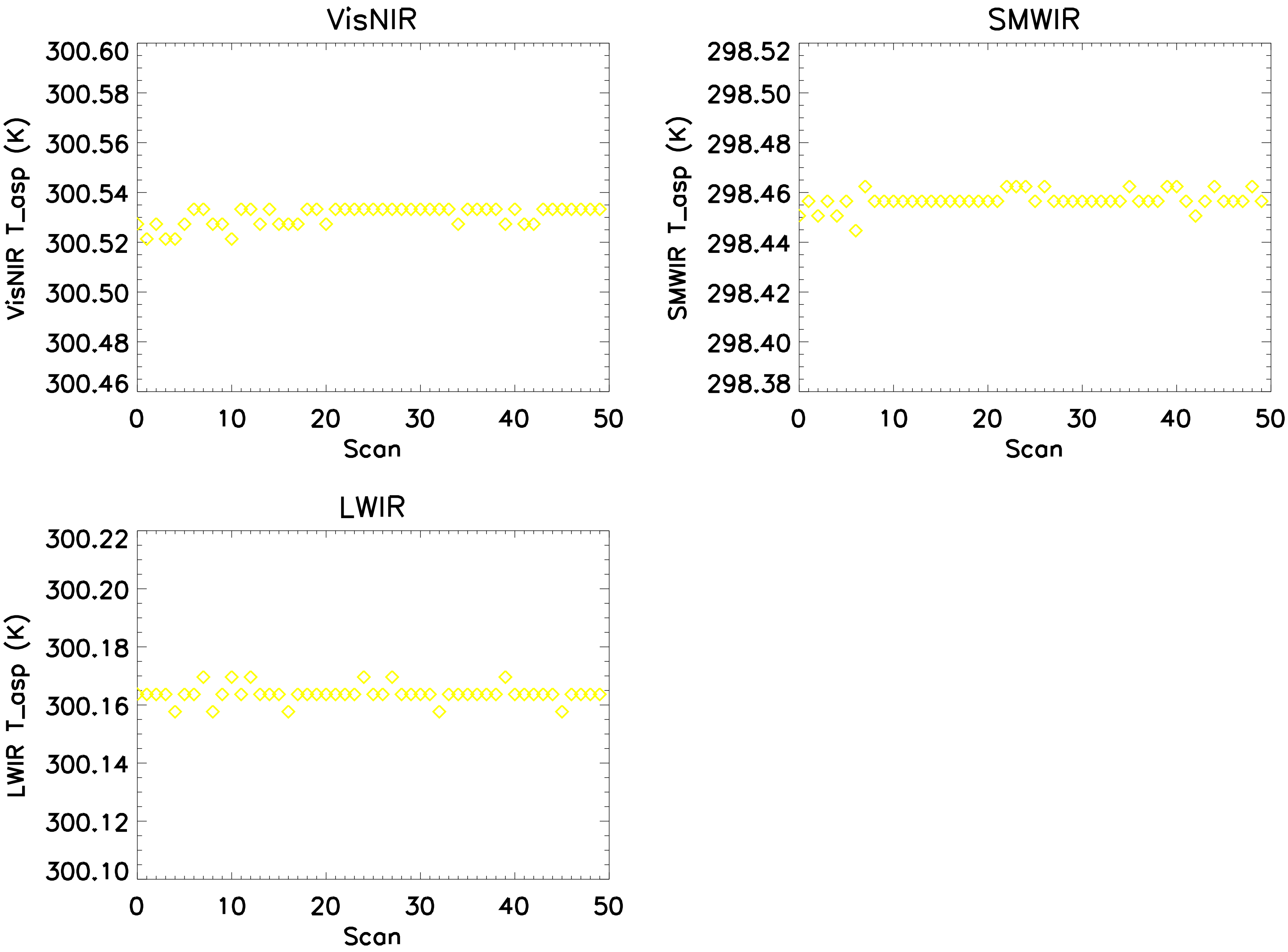
T_asp vs Scan: Collect=30


T_asp vs Scan: Collect=31
VisNIR
VisNIR T_asp (K)
300.66
300.64
300.62
300.60
300.58
300.56
300.54
300.52
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.58
298.56
298.54
298.52
298.50
298.48
298.46
298.44
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan

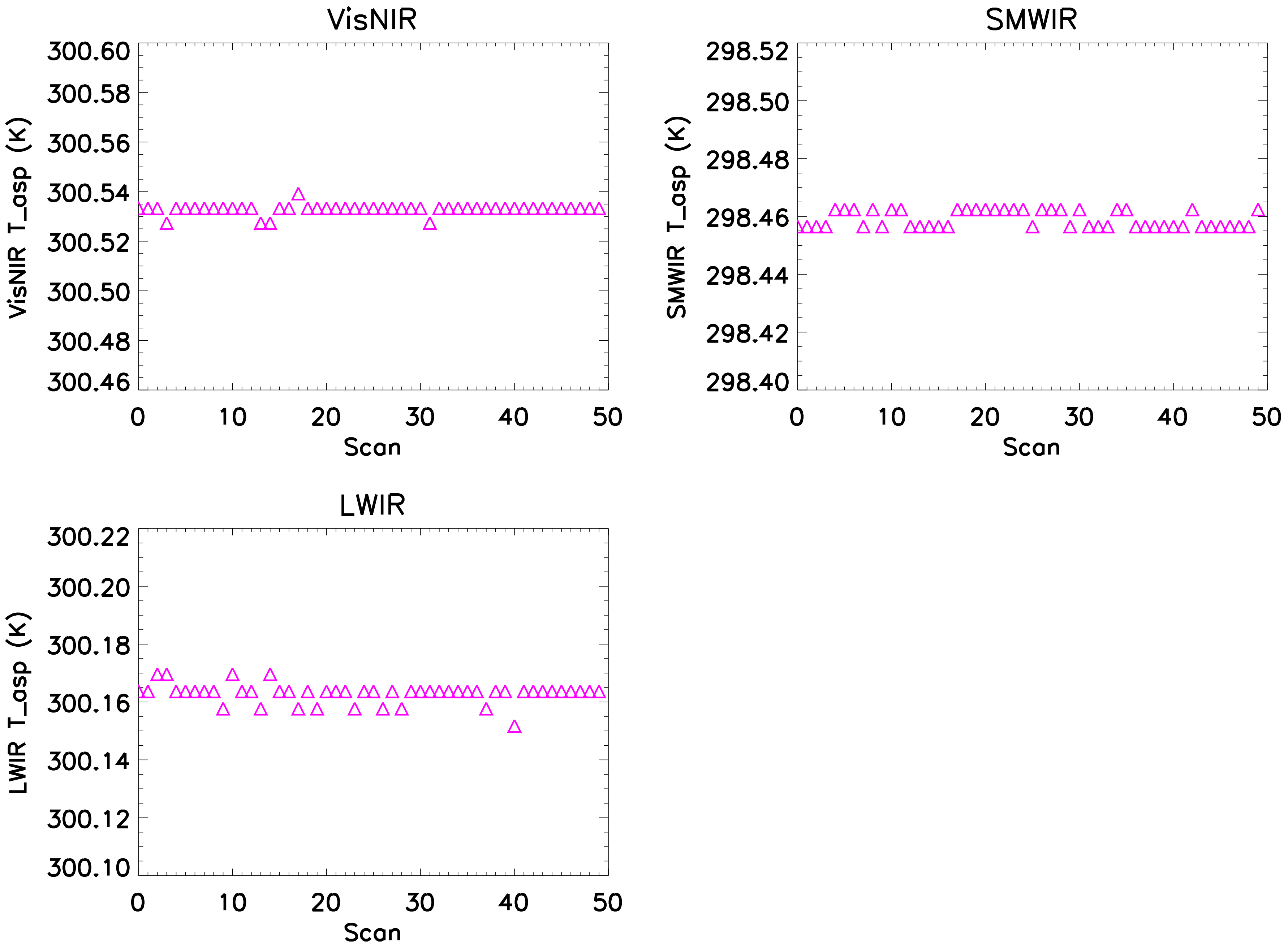
T_asp vs Scan: Collect=32



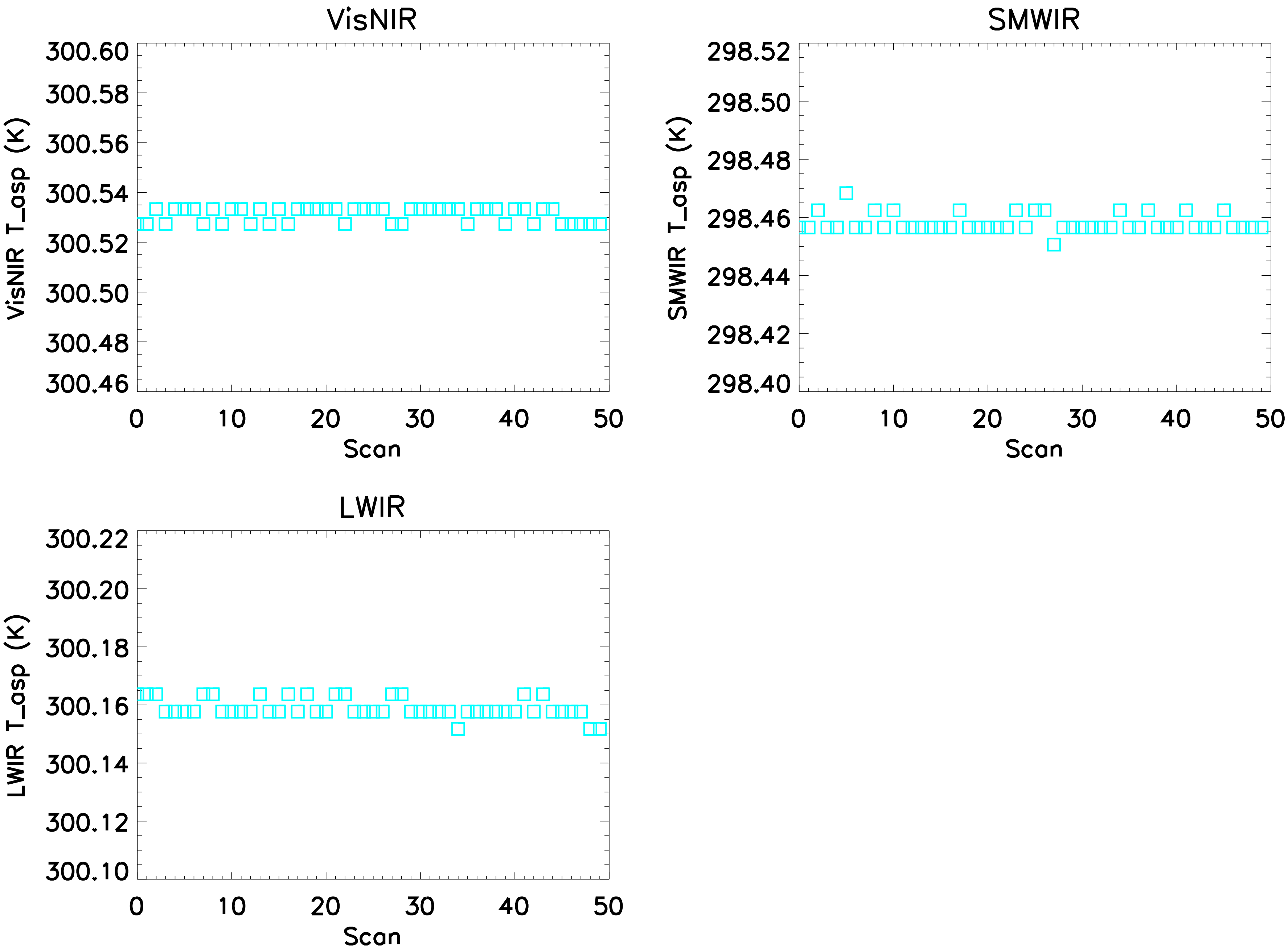
T_asp vs Scan: Collect=33



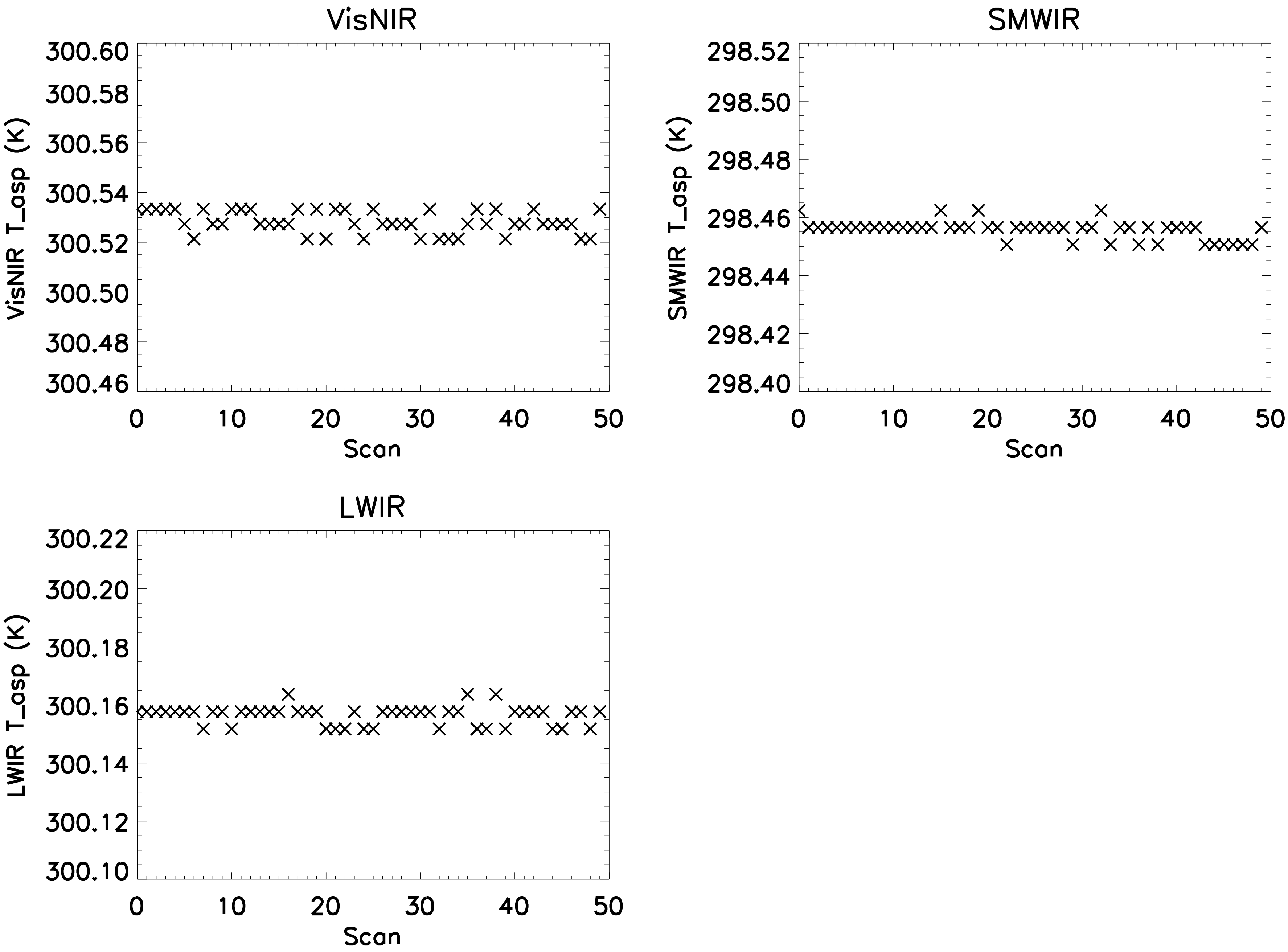
T_asp vs Scan: Collect=34



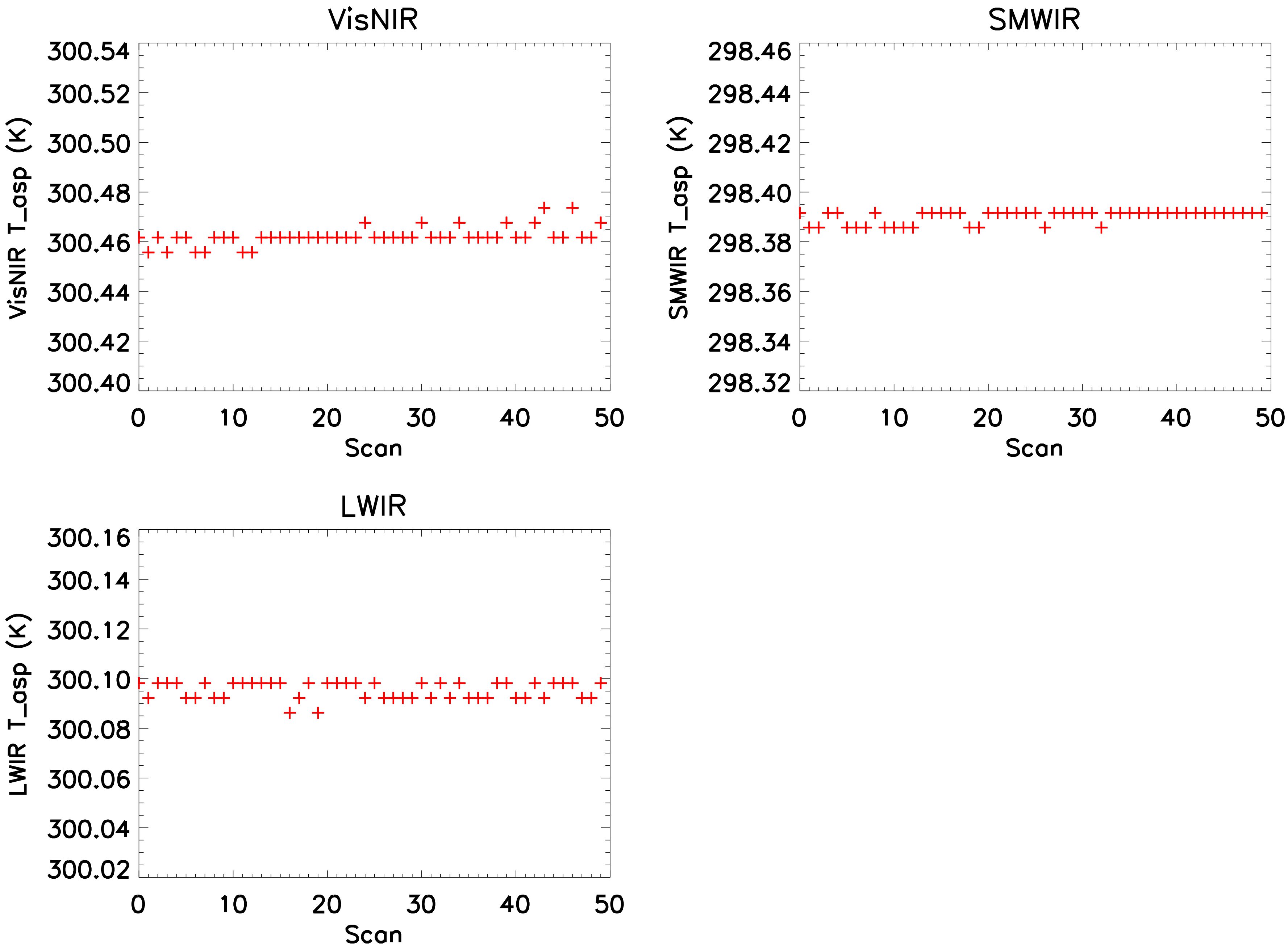
T_asp vs Scan: Collect=35



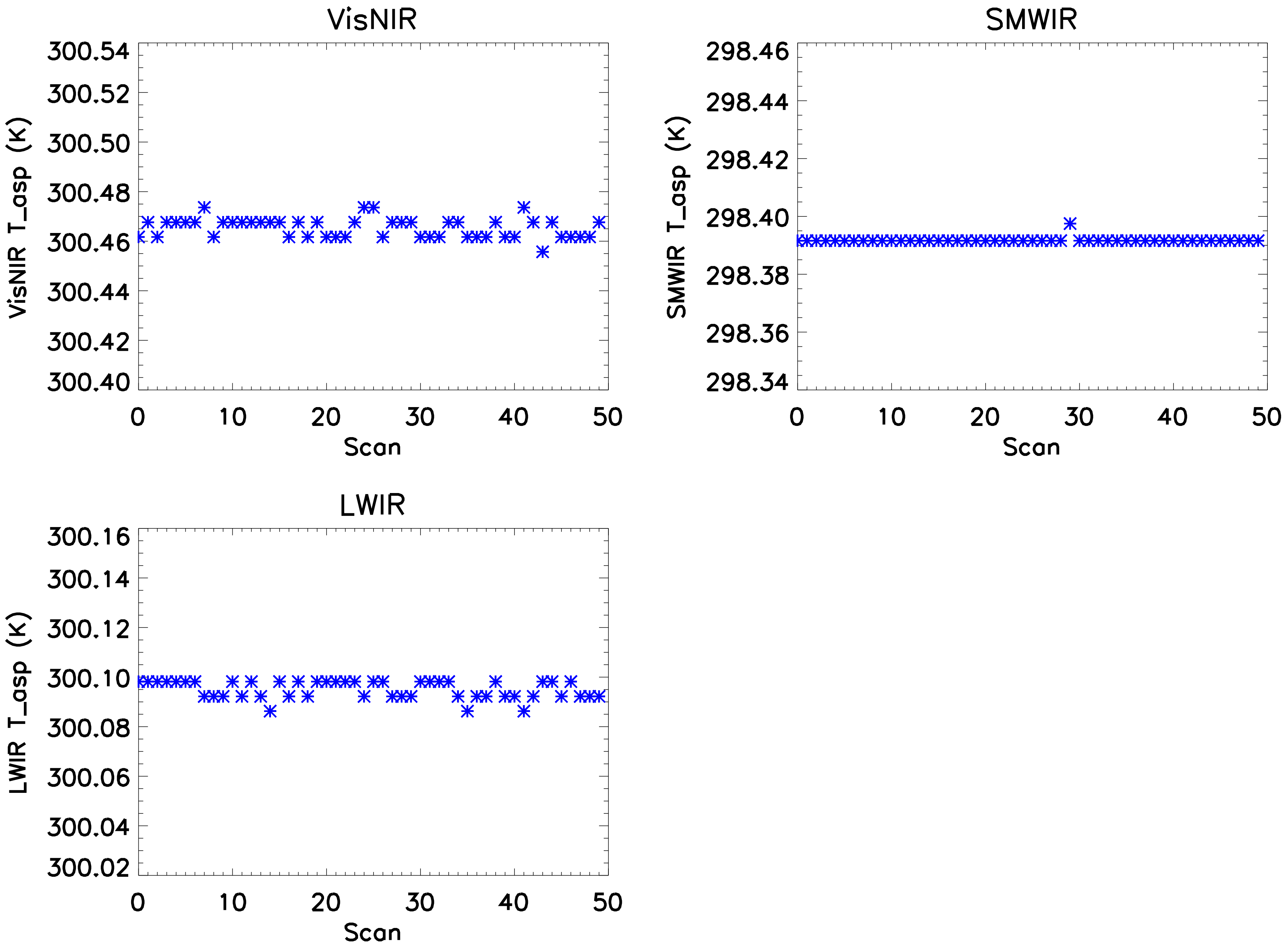
T_asp vs Scan: Collect=36

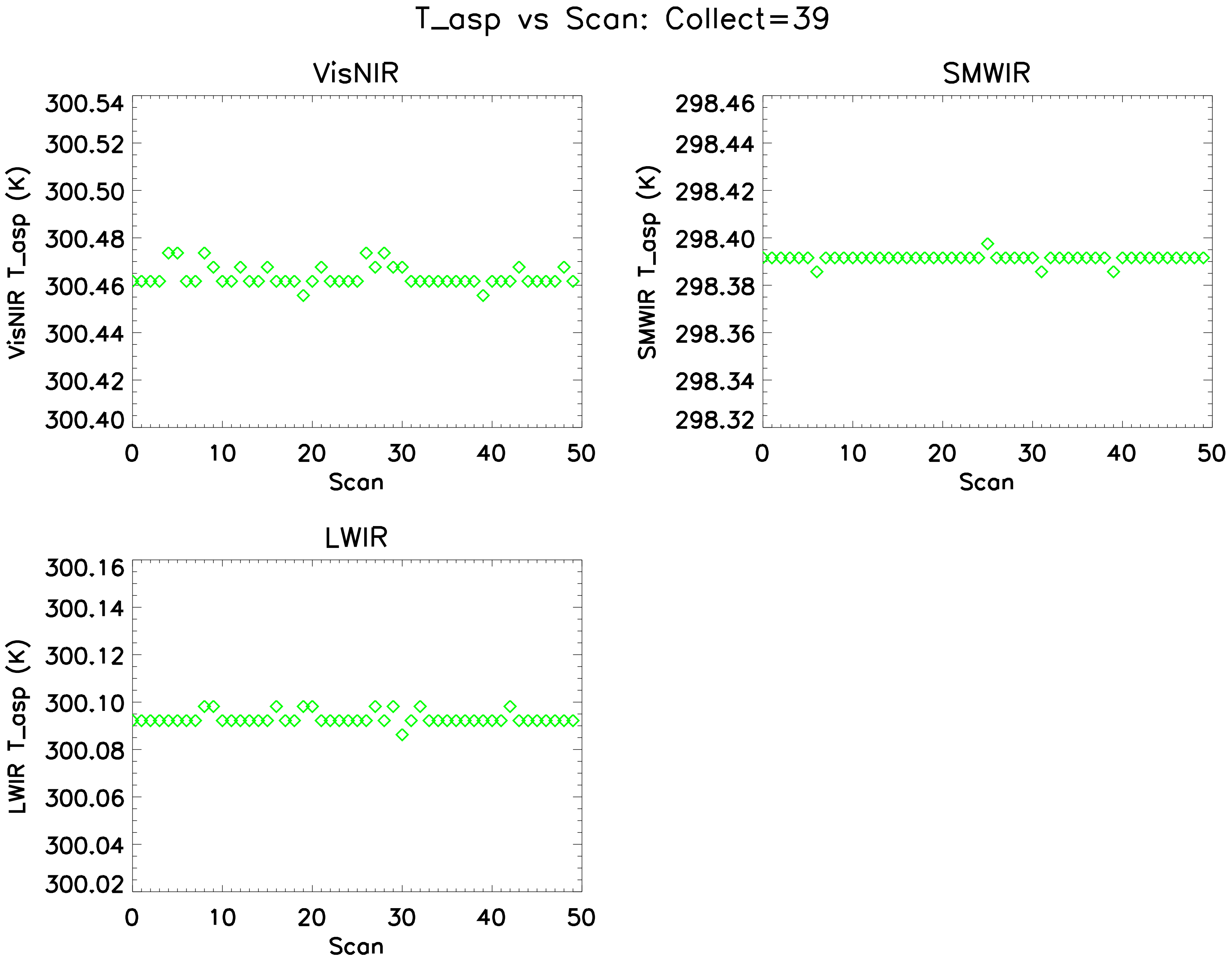


T_asp vs Scan: Collect=37

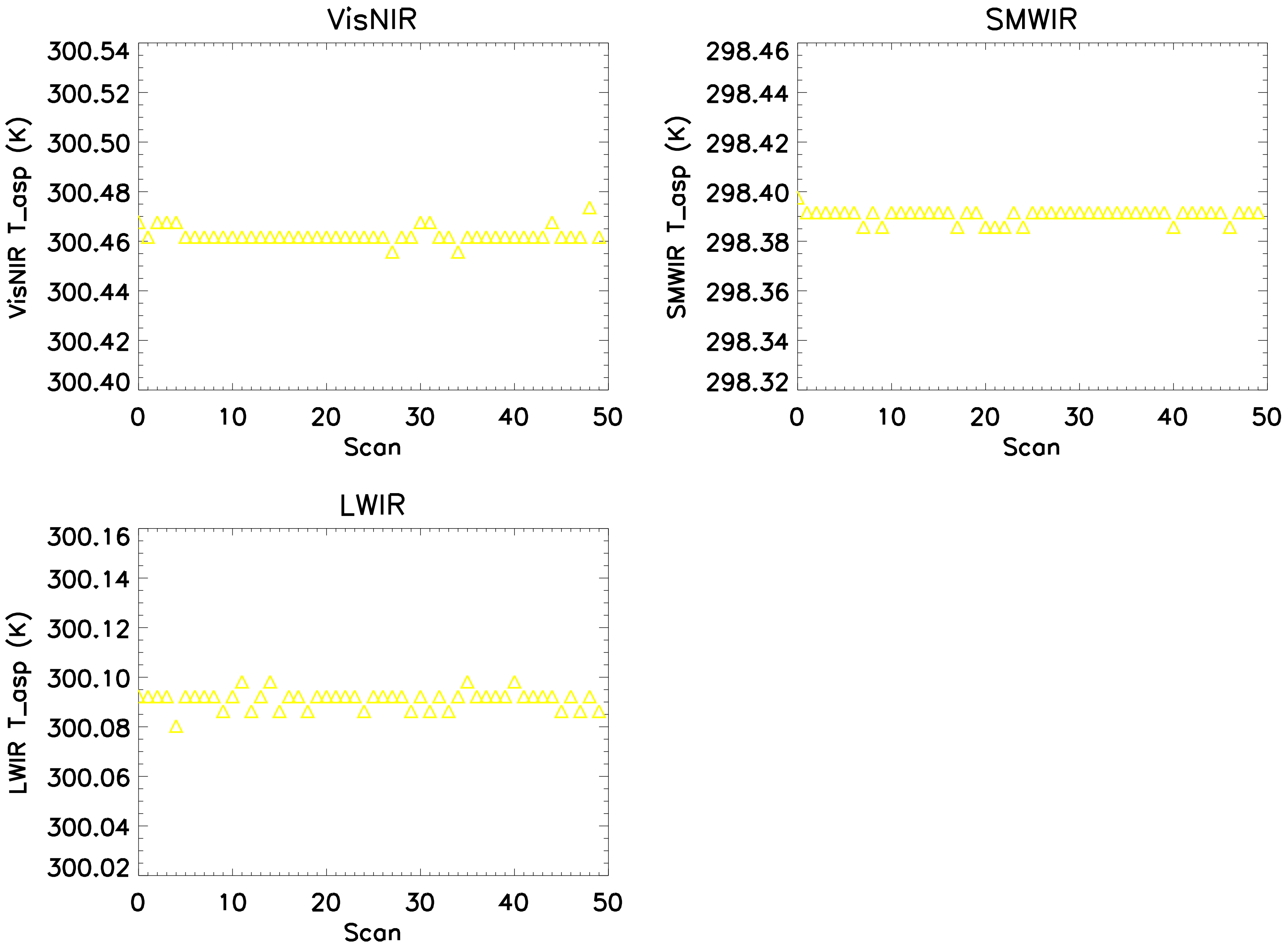


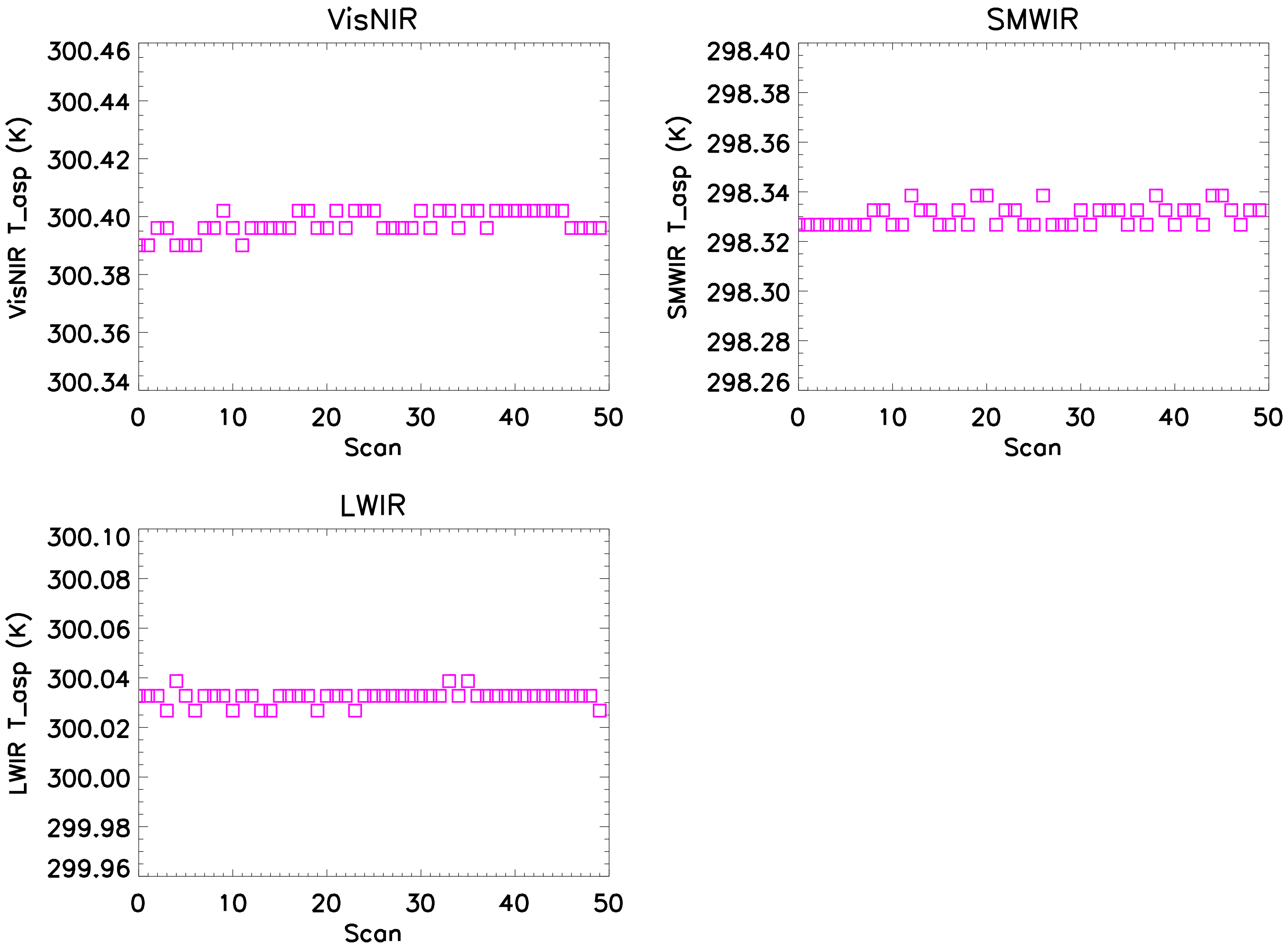
T_asp vs Scan: Collect=38




T_asp vs Scan: Collect=39
VisNIR
VisNIR T_asp (K)
300.54
300.52
300.50
300.48
300.46
300.44
300.42
300.40
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.46
298.44
298.42
298.40
298.38
298.36
298.34
298.32
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.16
300.14
300.12
300.10
300.08
300.06
300.04
300.02
0
10
20
30
40
50
Scan

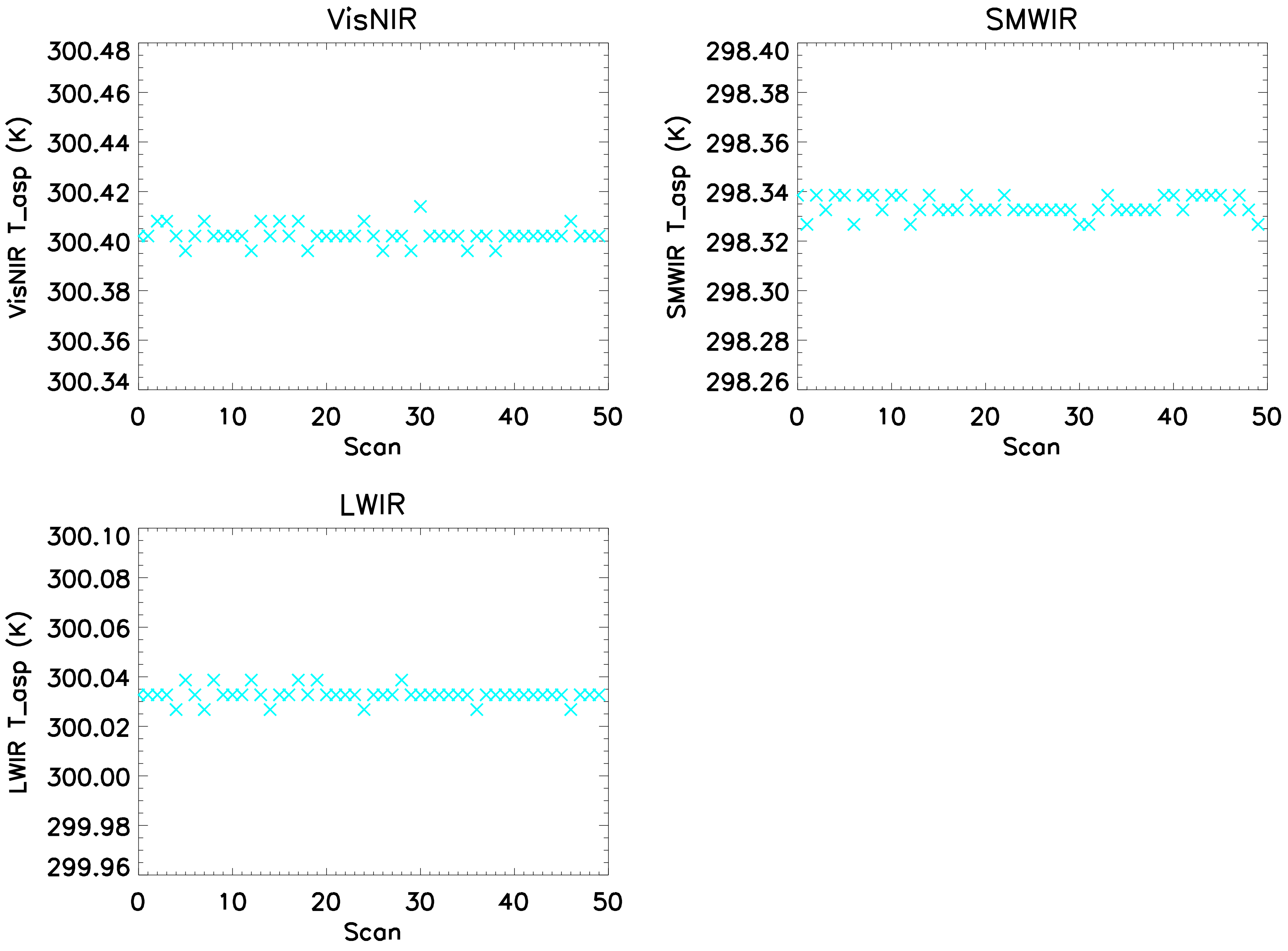
T_asp vs Scan: Collect=40



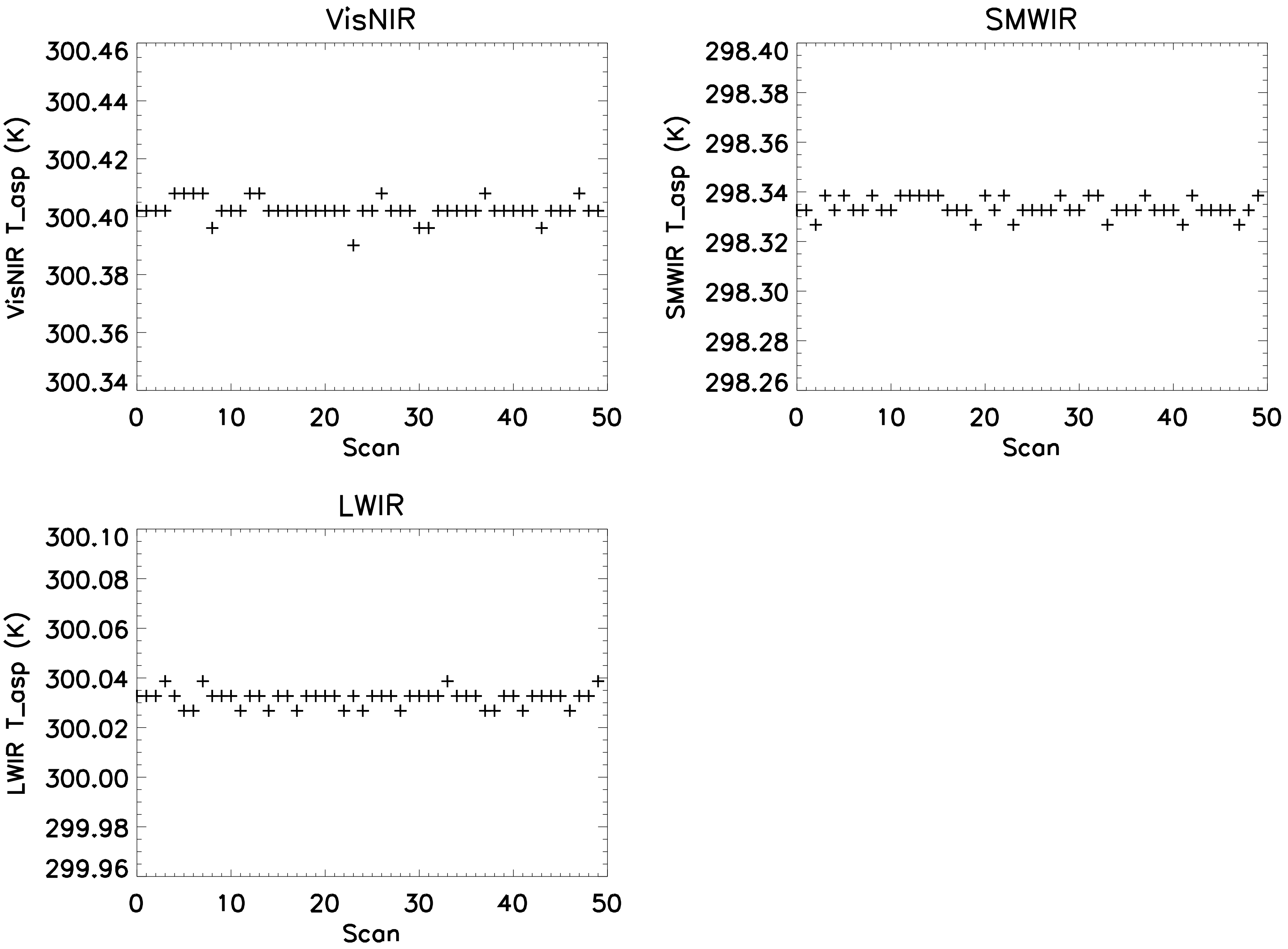


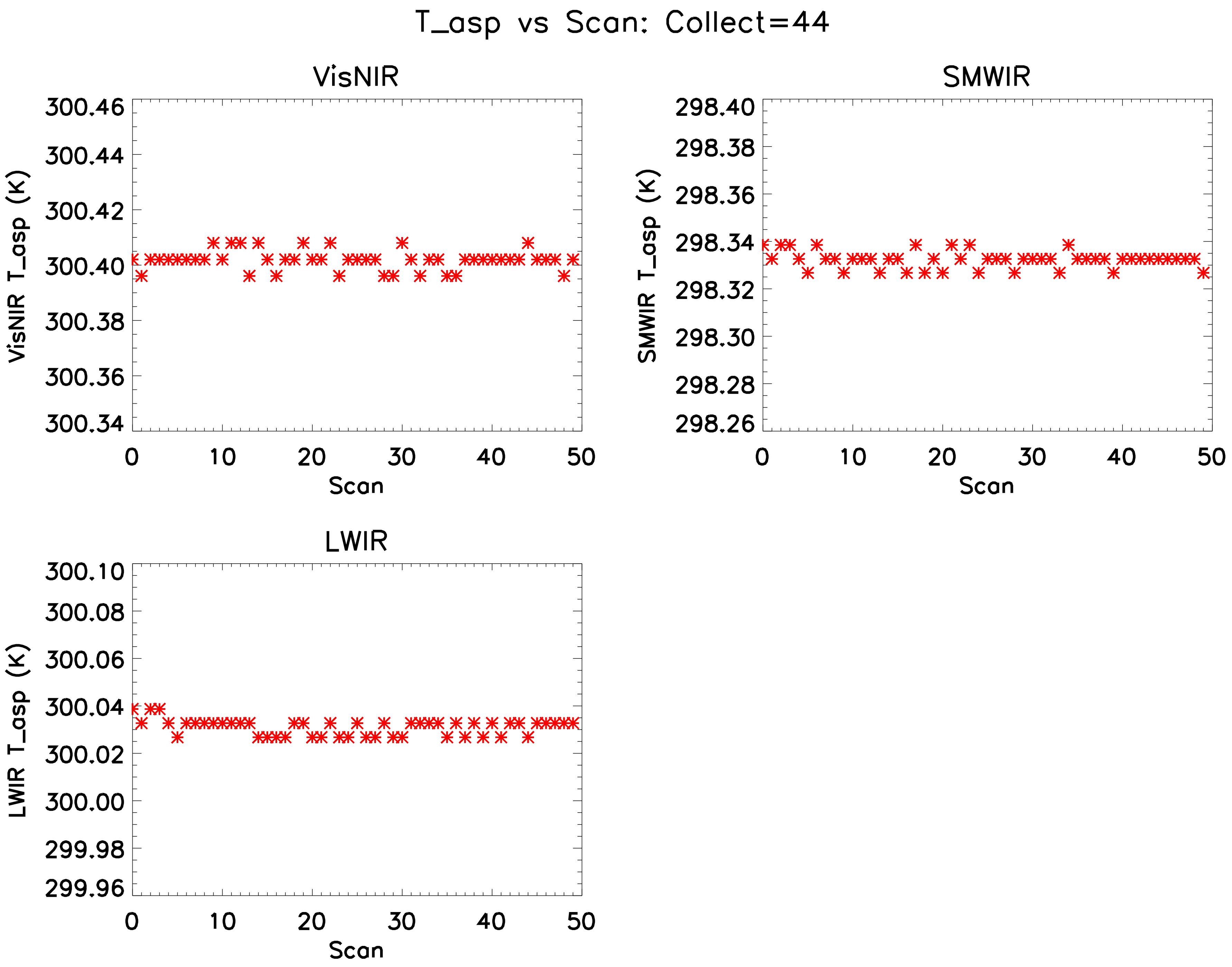
T_asp vs Scan: Collect=41

T_asp vs Scan: Collect=42

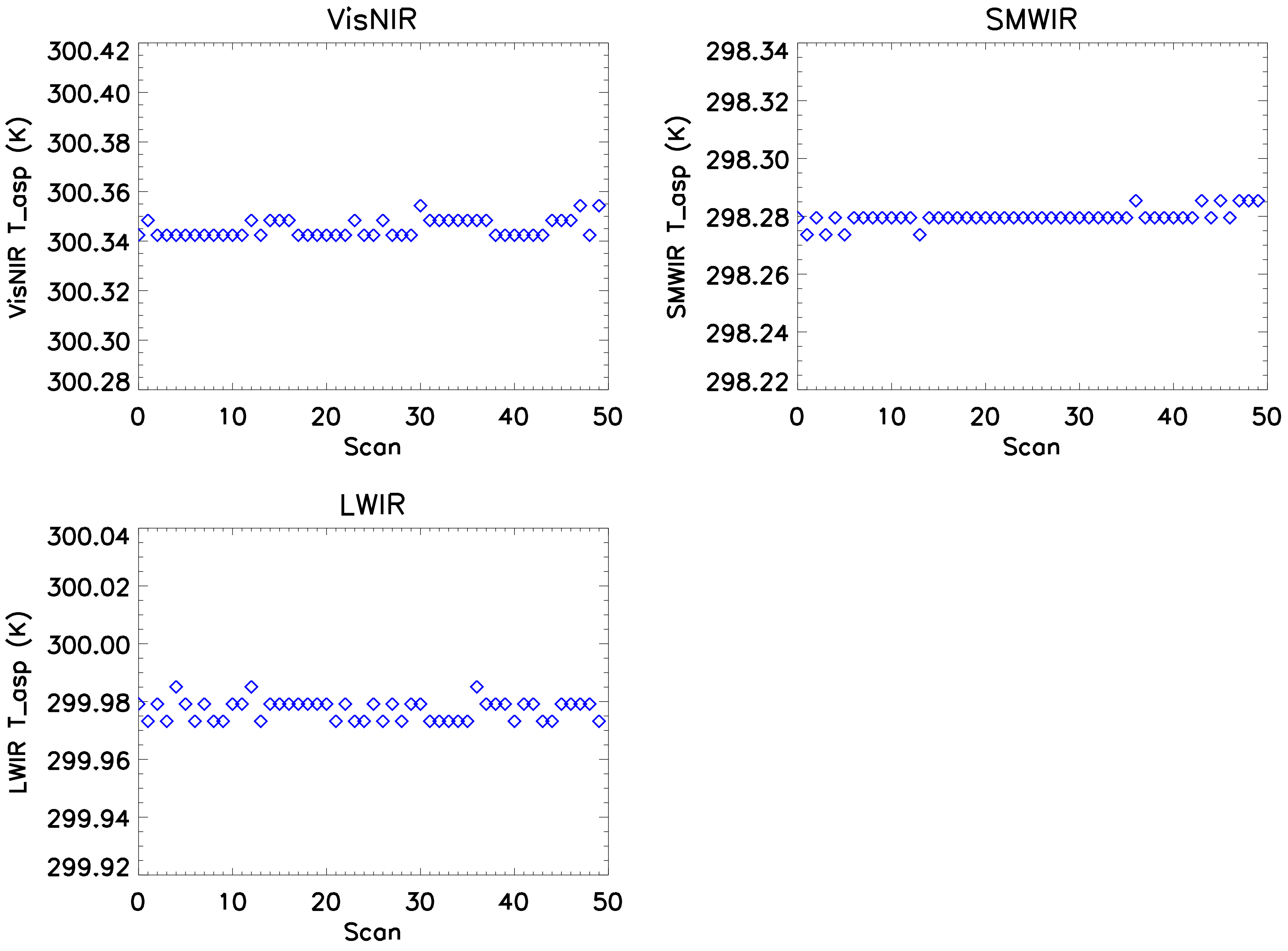


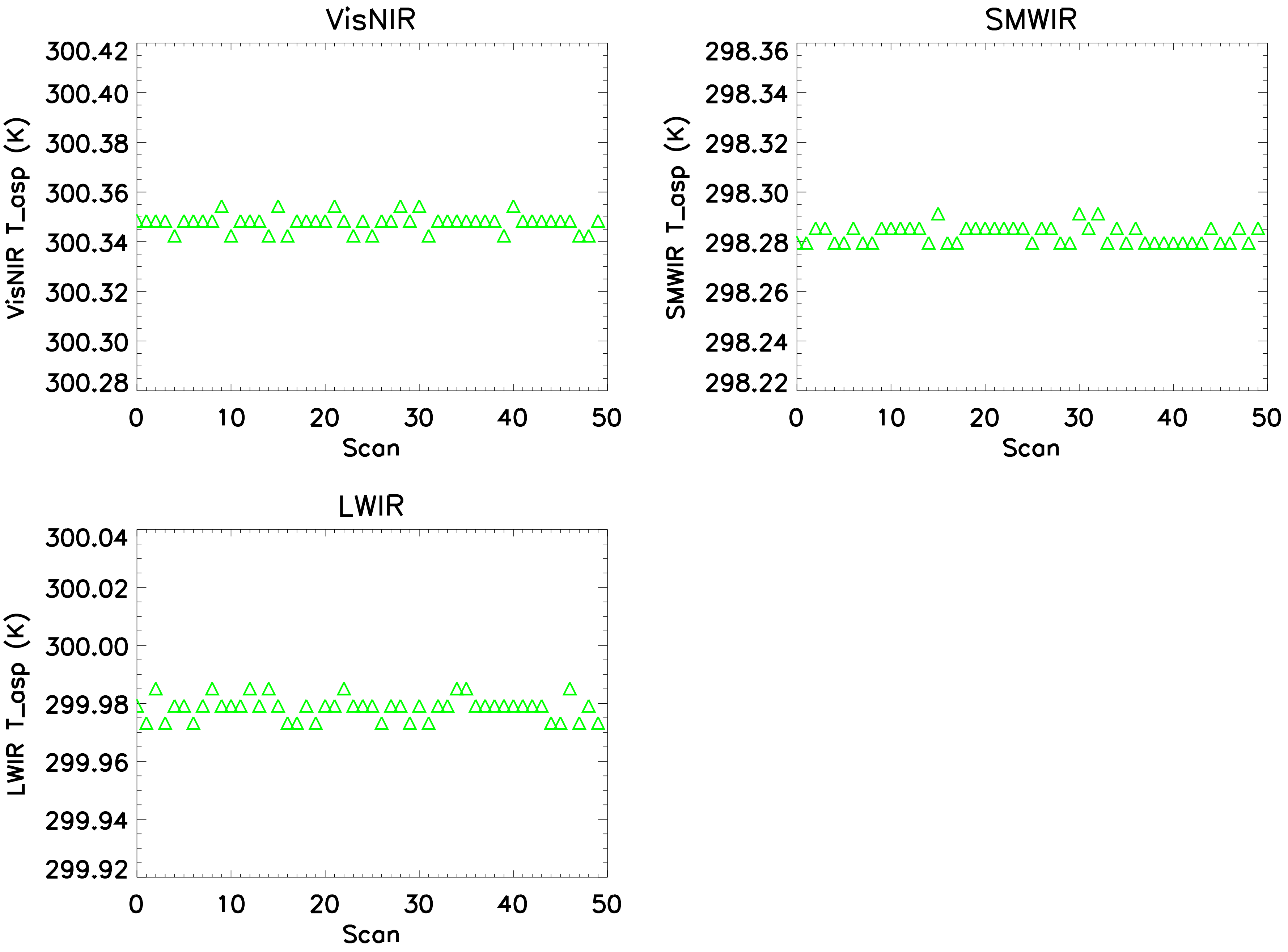
T_asp vs Scan: Collect=43

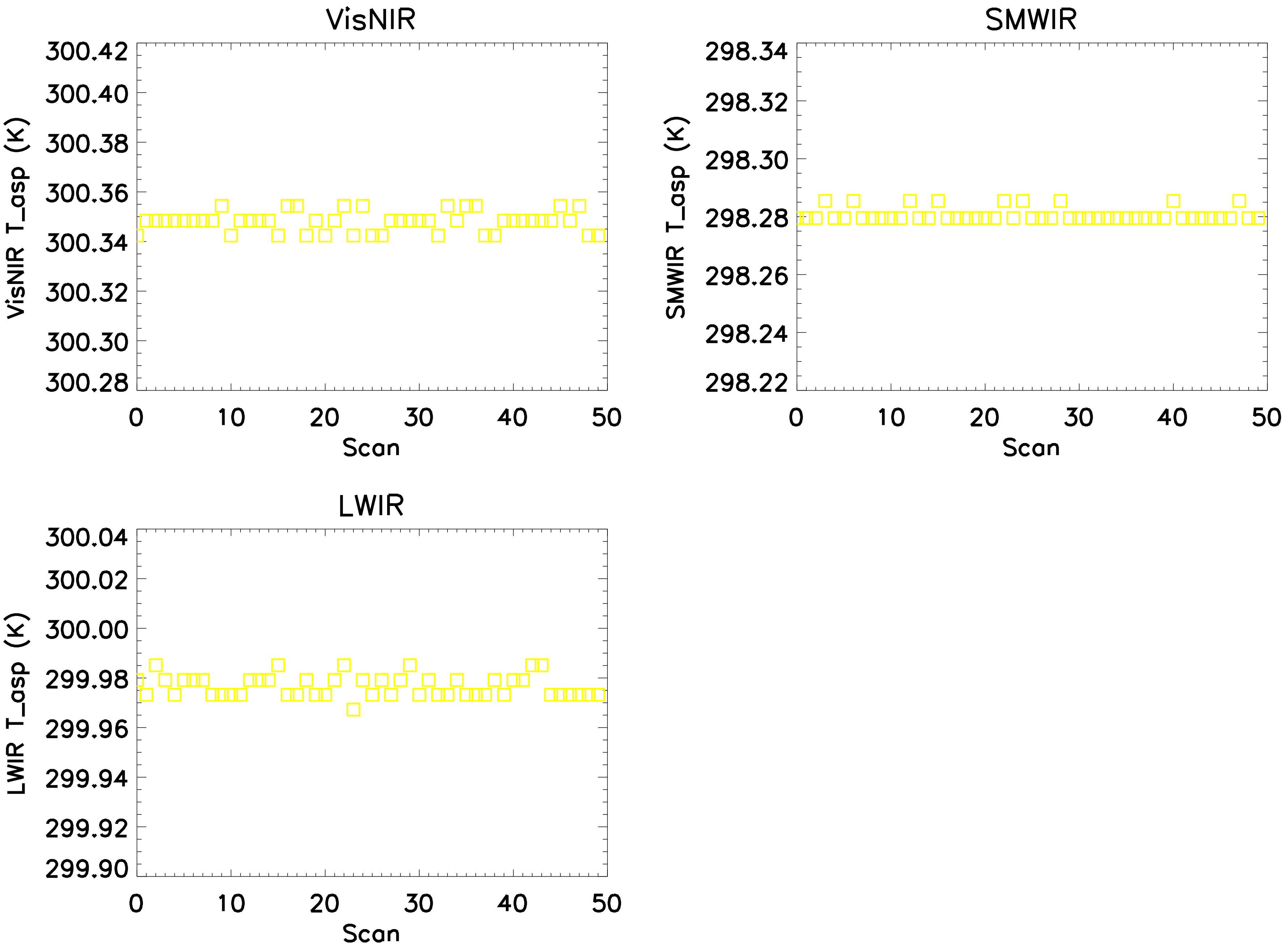



T_asp vs Scan: Collect=44
VisNIR
VisNIR T_asp (K)
300.46
300.44
300.42
300.40
300.38
300.36
300.34
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.40
298.38
298.36
298.34
298.32
298.30
298.28
298.26
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.10
300.08
300.06
300.04
300.02
300.00
299.98
299.96
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=45

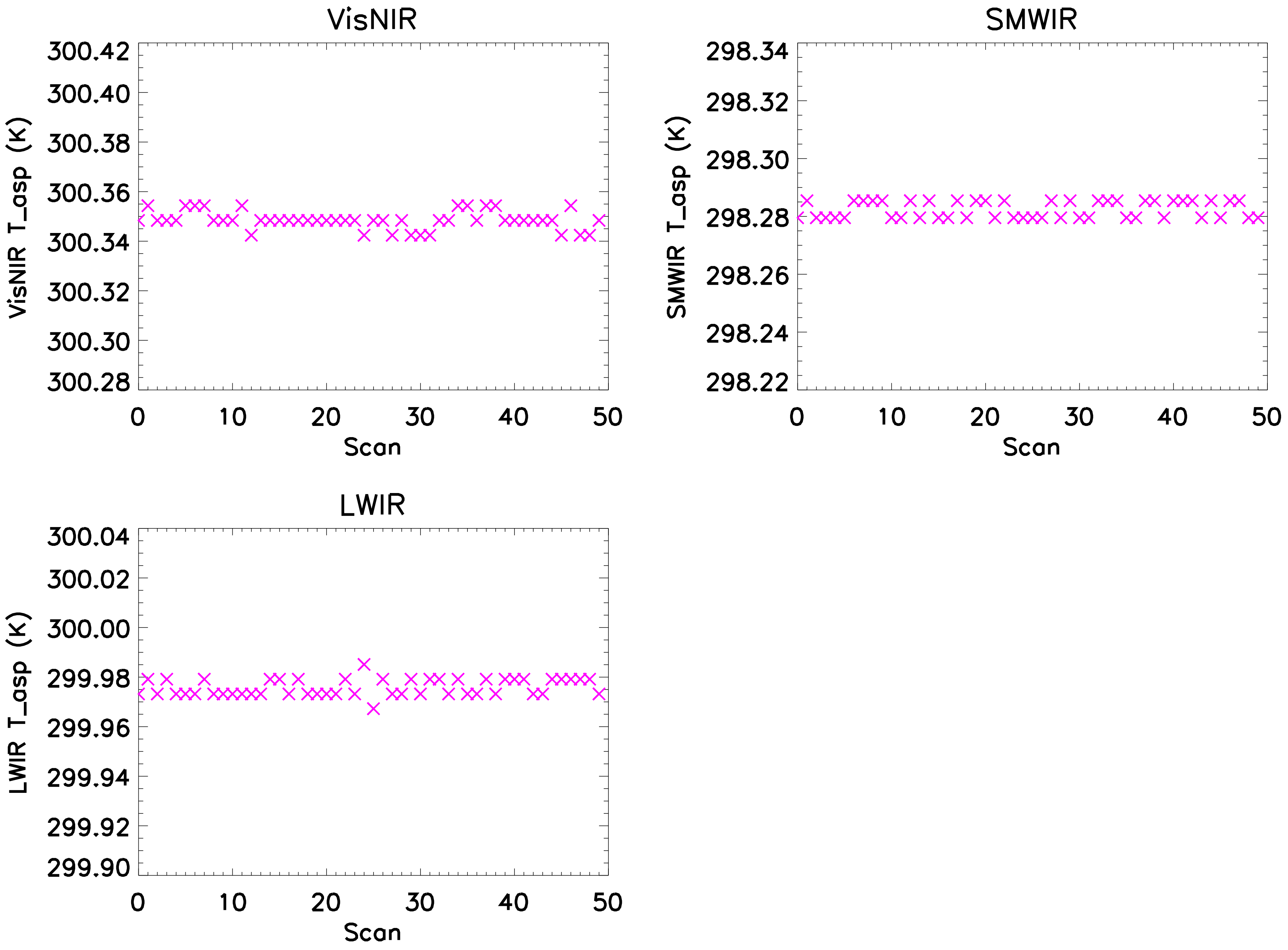


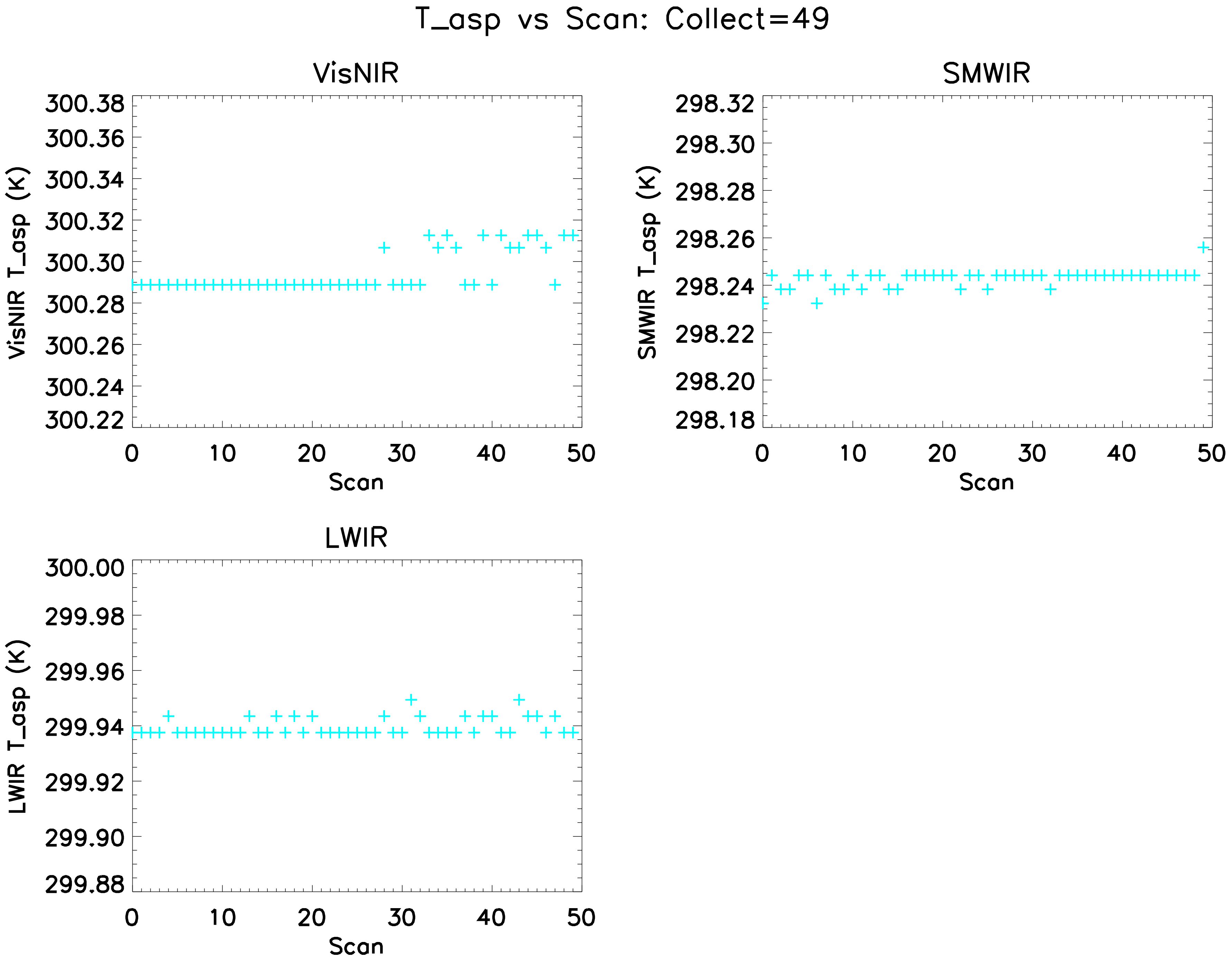

T_asp vs Scan: Collect=46



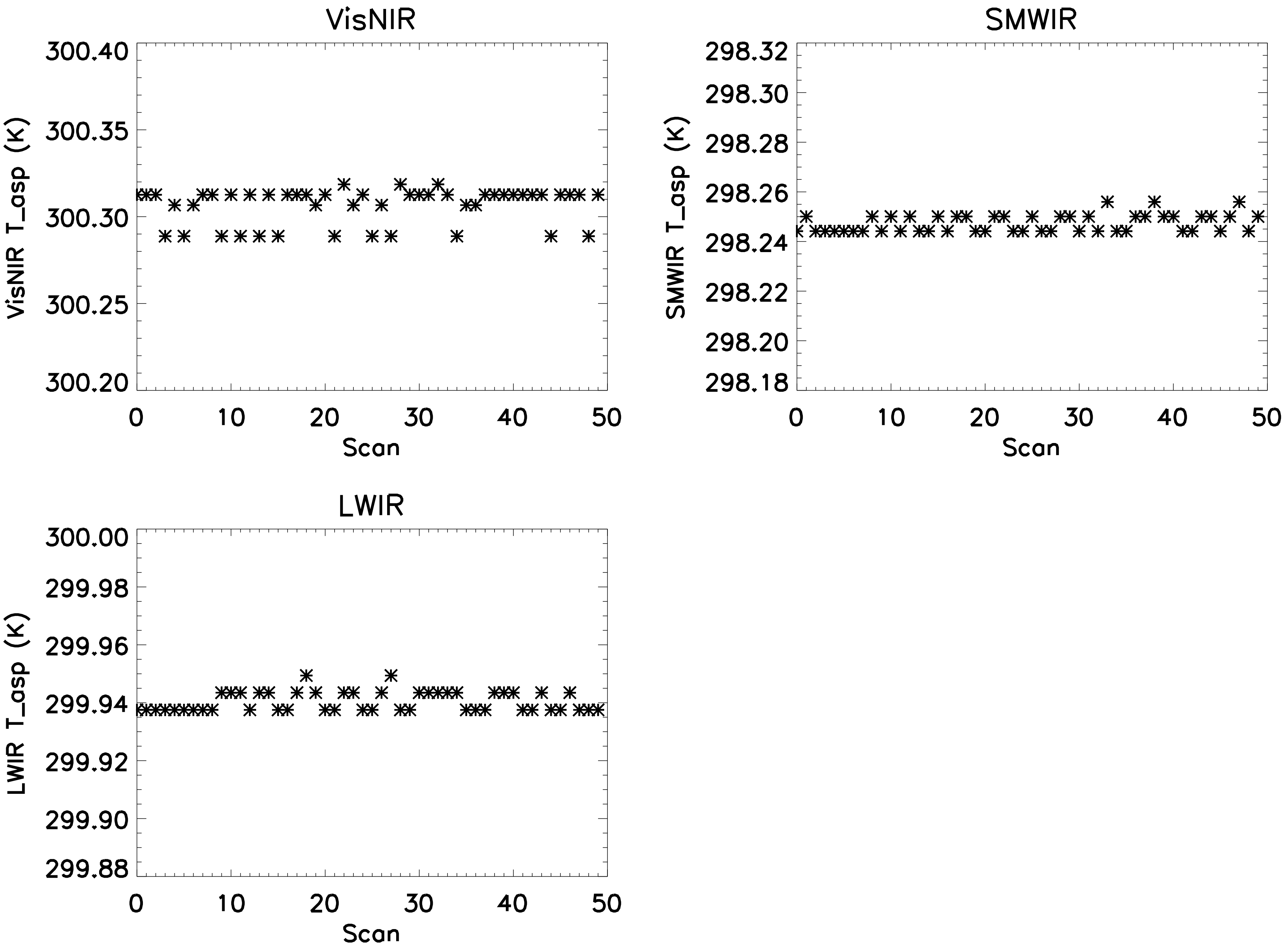
T_asp vs Scan: Collect=47

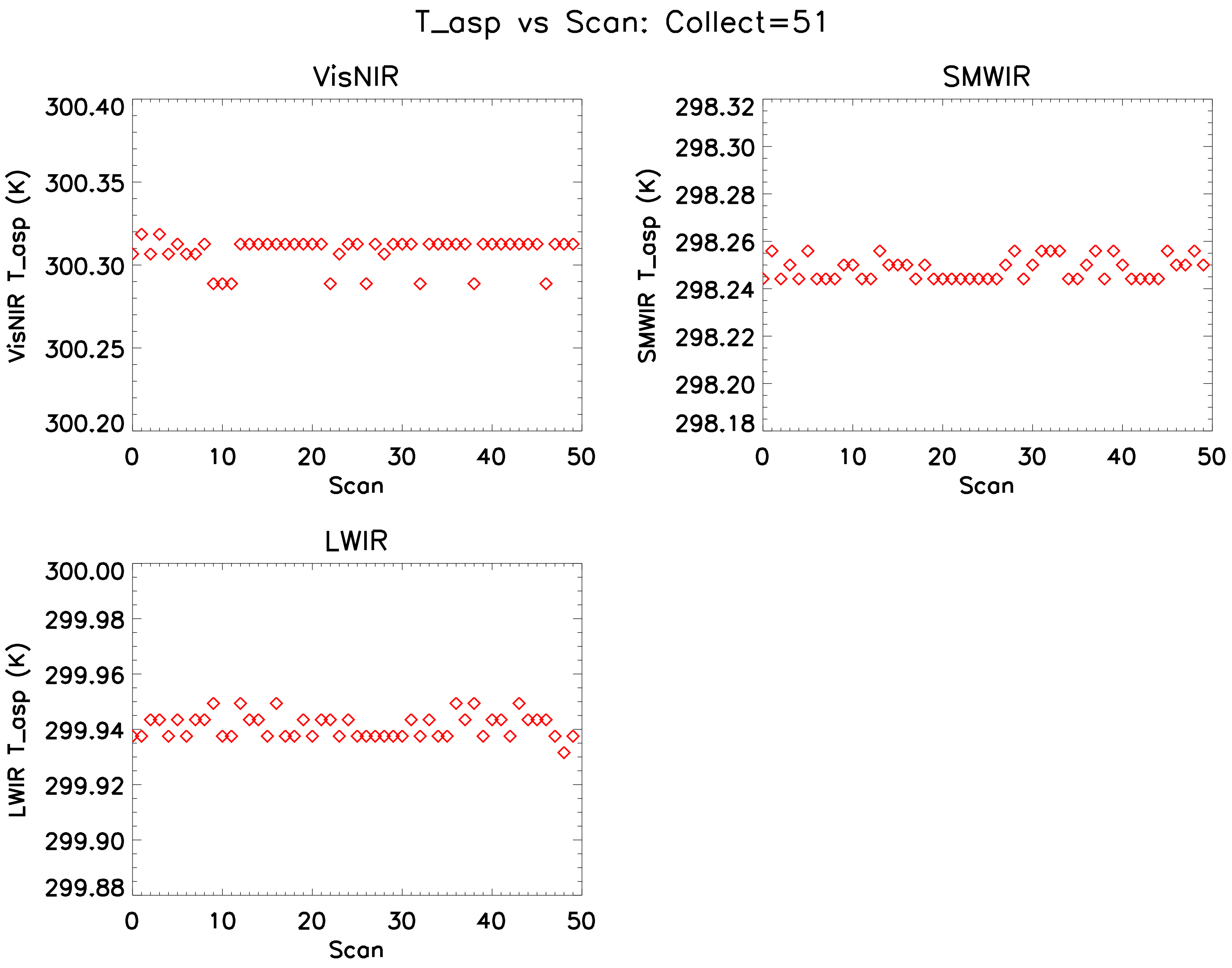
T_asp vs Scan: Collect=48

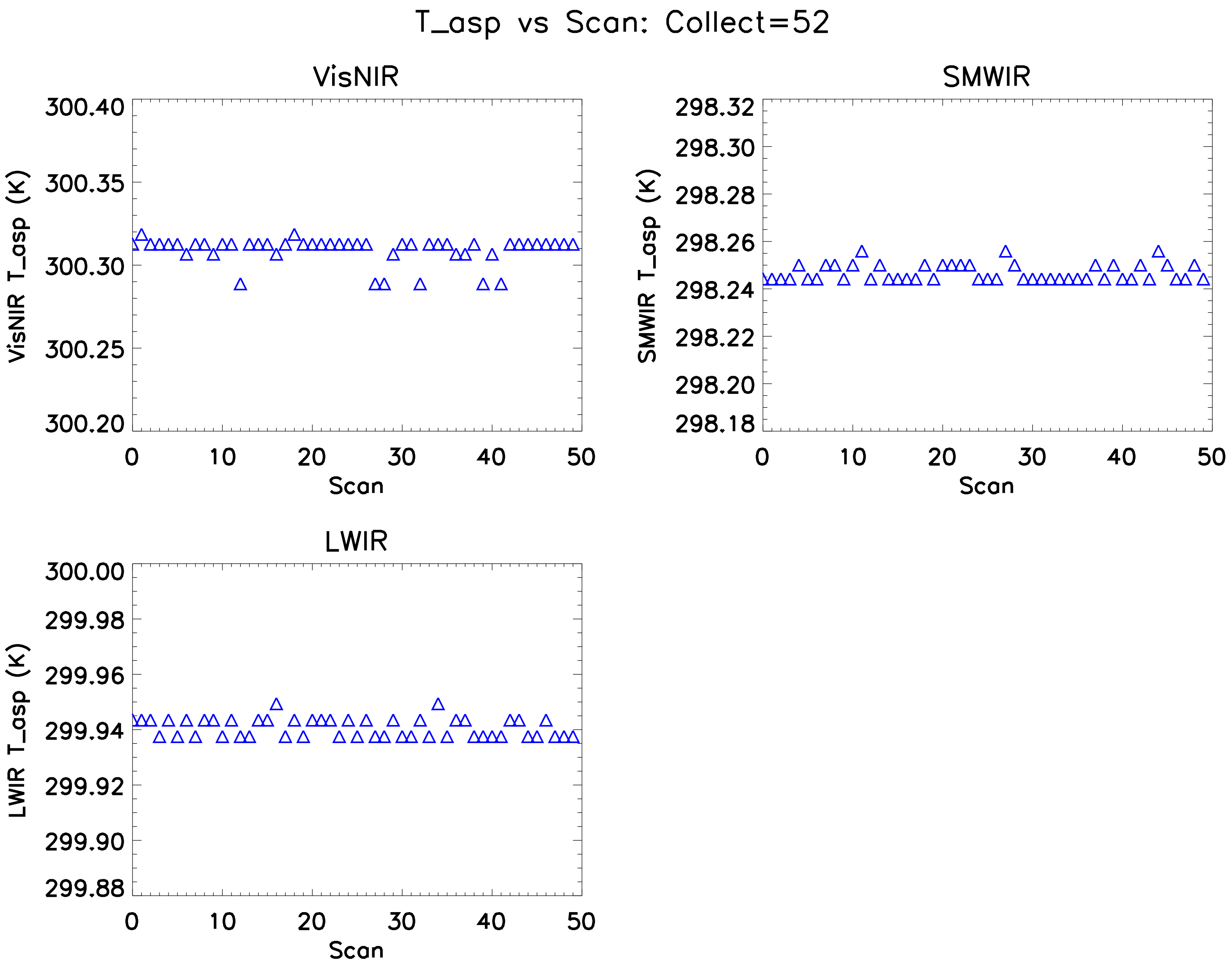



T_asp vs Scan: Collect=49
VisNIR
VisNIR T_asp (K)
300.38
300.36
300.34
300.32
300.30
300.28
300.26
300.24
300.22
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.32
298.30
298.28
298.26
298.24
298.22
298.20
298.18
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
0
10
20
30
40
50
Scan

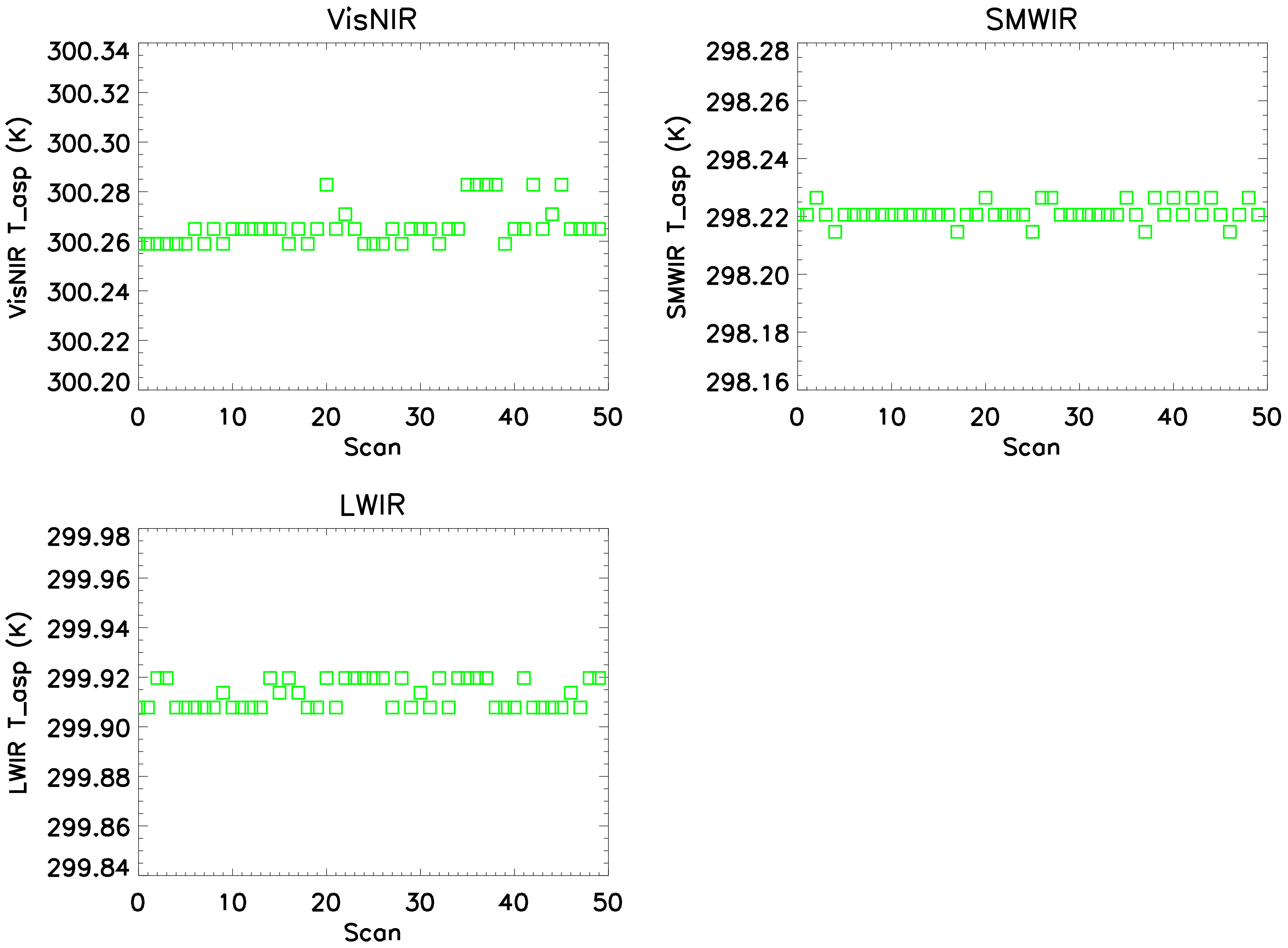
T_asp vs Scan: Collect=50



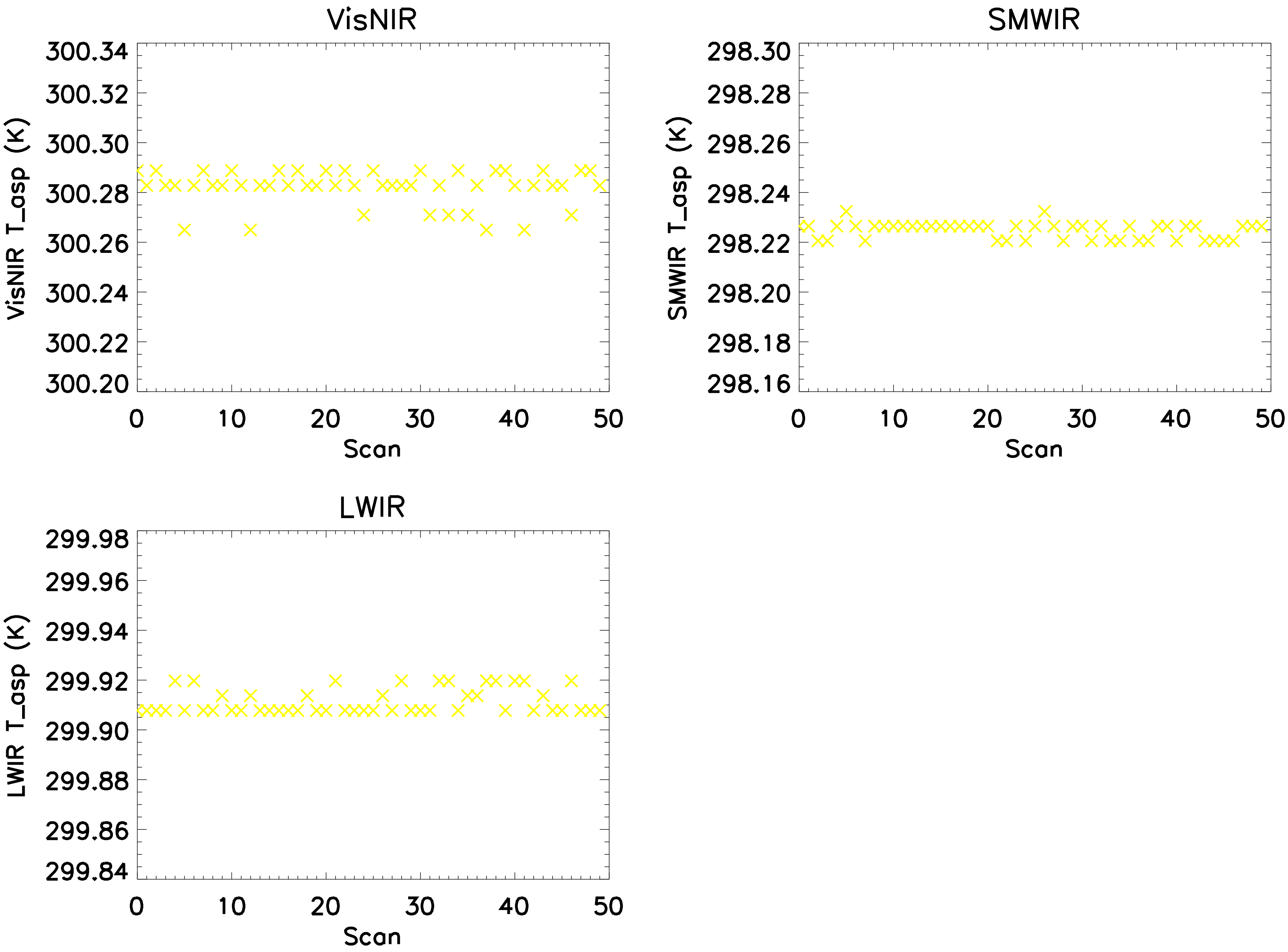

T_asp vs Scan: Collect=51
VisNIR
VisNIR T_asp (K)
300.40
300.35
300.30
300.25
300.20
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.32
298.30
298.28
298.26
298.24
298.22
298.20
298.18
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
0
10
20
30
40
50
Scan

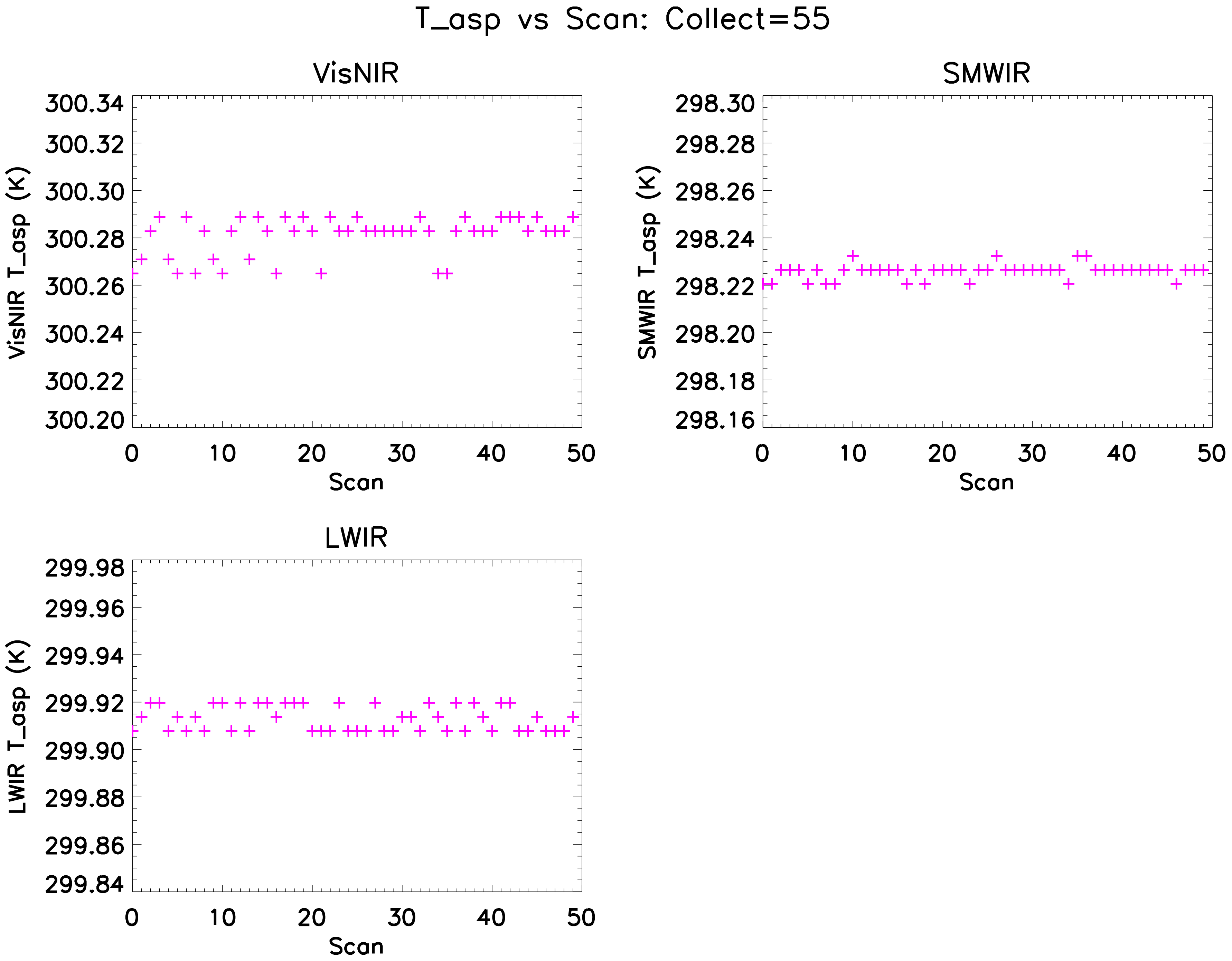

T_asp vs Scan: Collect=52
VisNIR
VisNIR T_asp (K)
300.40
300.35
300.30
300.25
300.20
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.32
298.30
298.28
298.26
298.24
298.22
298.20
298.18
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
300.00
299.98
299.96
299.94
299.92
299.90
299.88
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=53

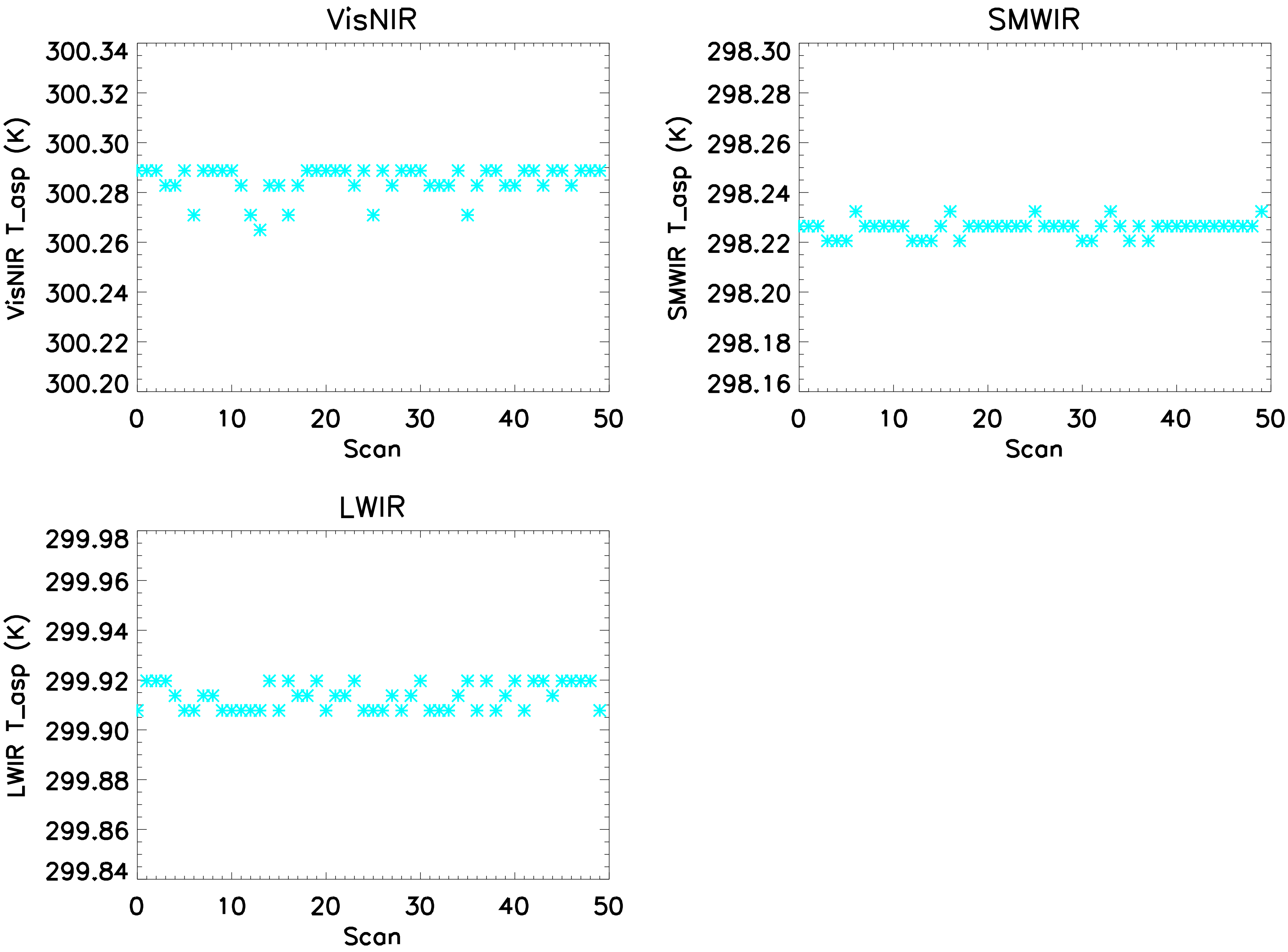


T_asp vs Scan: Collect=54

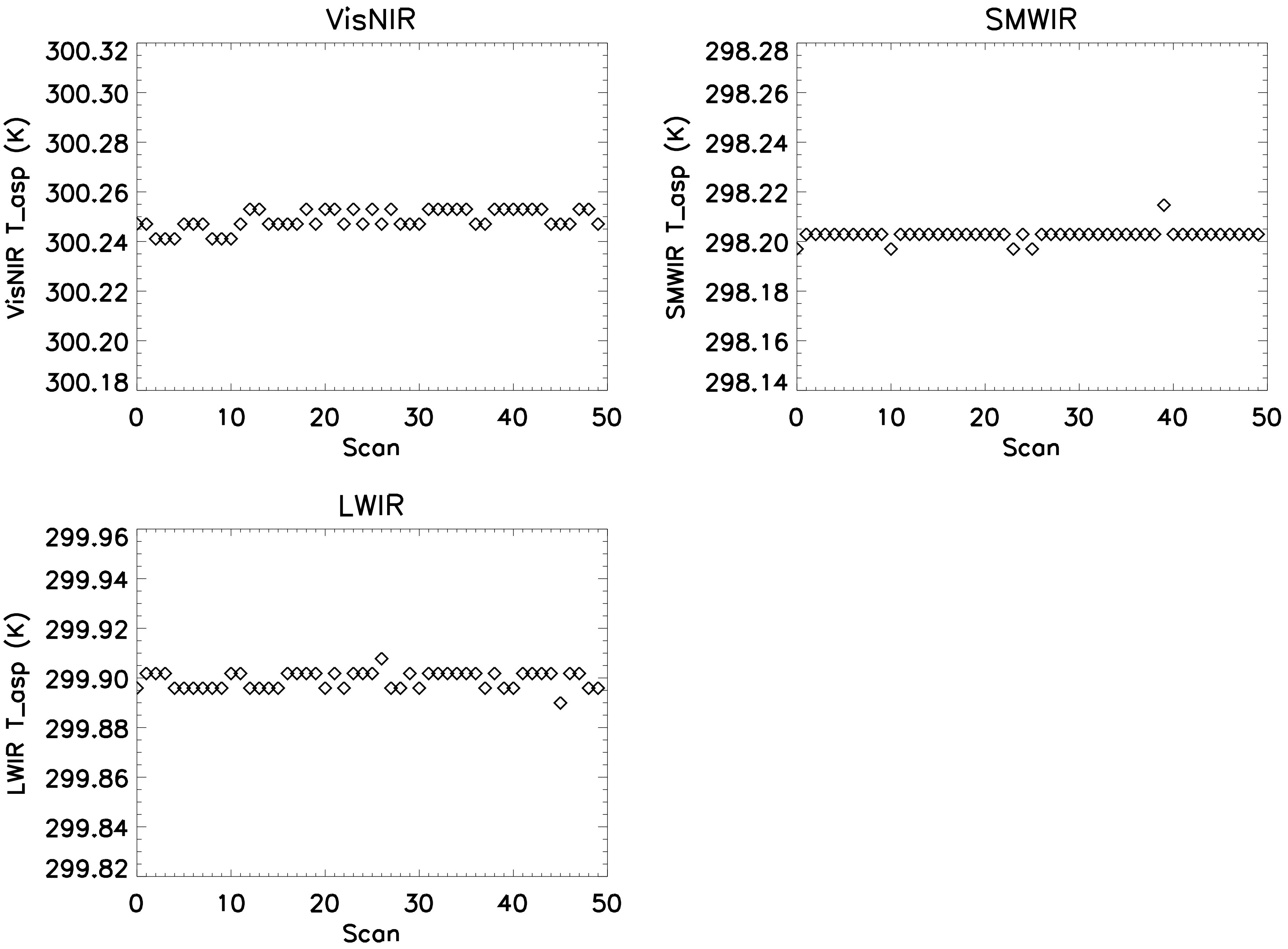



T_asp vs Scan: Collect=55
VisNIR
VisNIR T_asp (K)
300.34
300.32
300.30
300.28
300.26
300.24
300.22
300.20
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.30
298.28
298.26
298.24
298.22
298.20
298.18
298.16
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.98
299.96
299.94
299.92
299.90
299.88
299.86
299.84
0
10
20
30
40
50
Scan

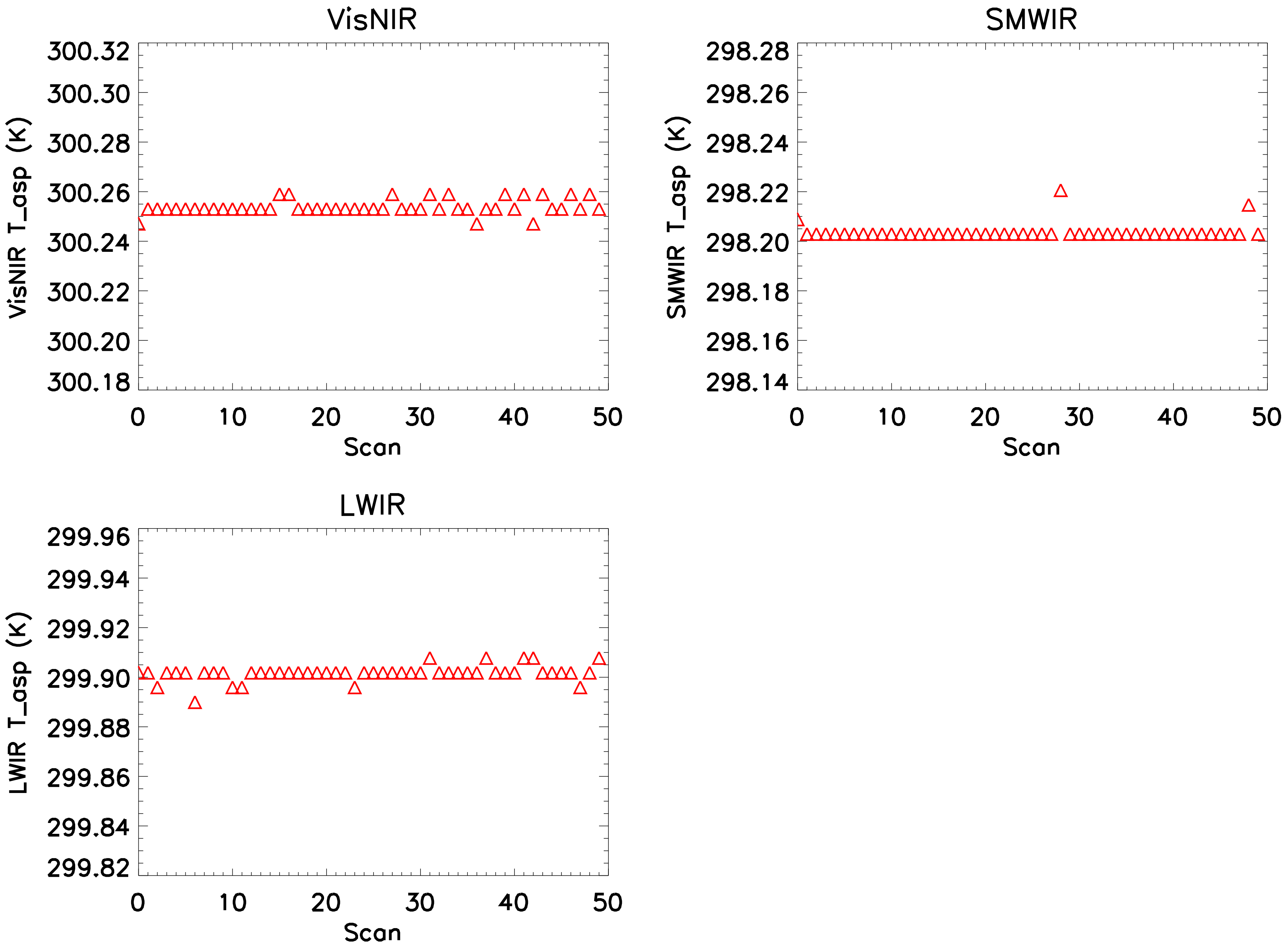
T_asp vs Scan: Collect=56



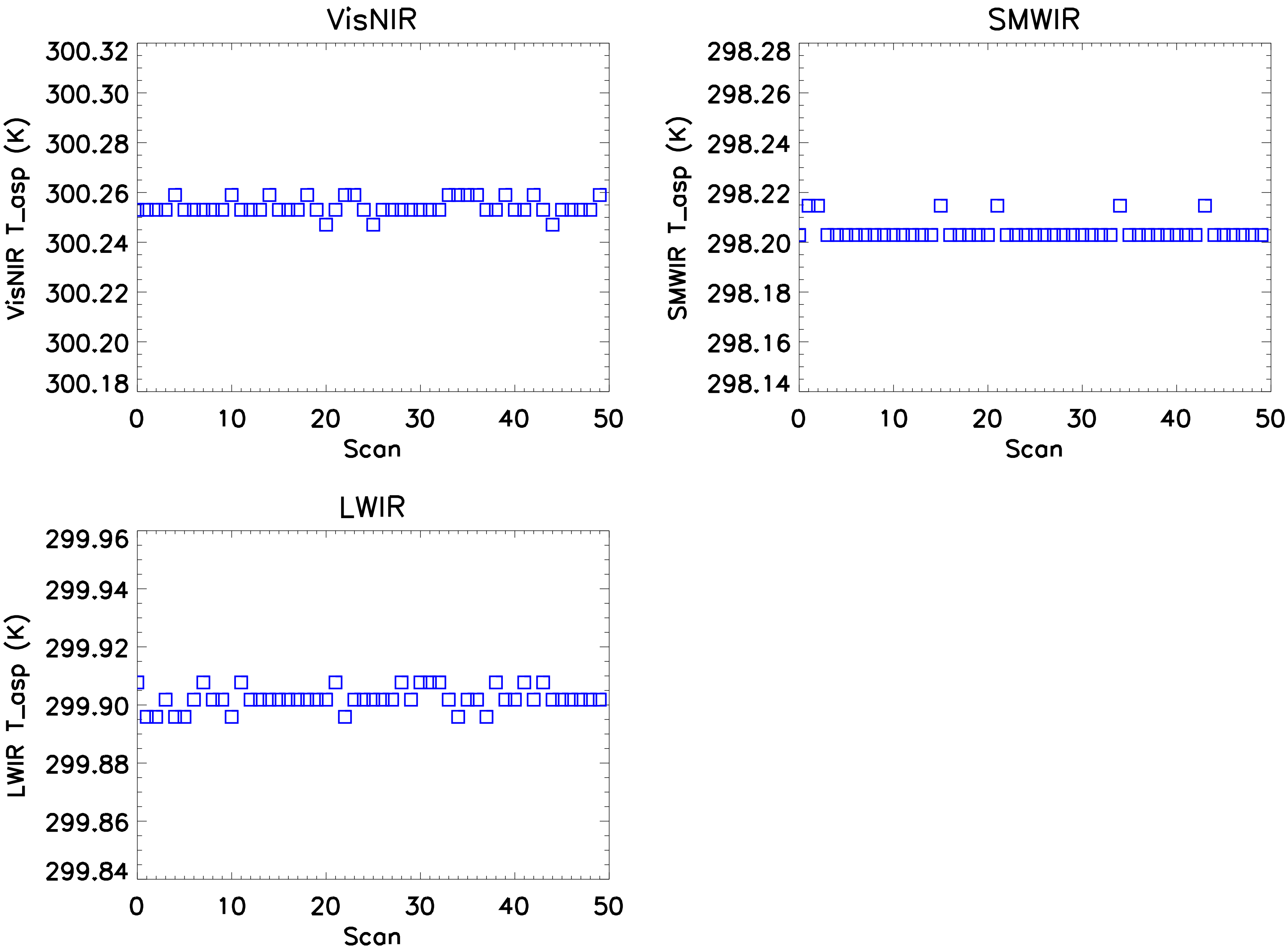
T_asp vs Scan: Collect=57

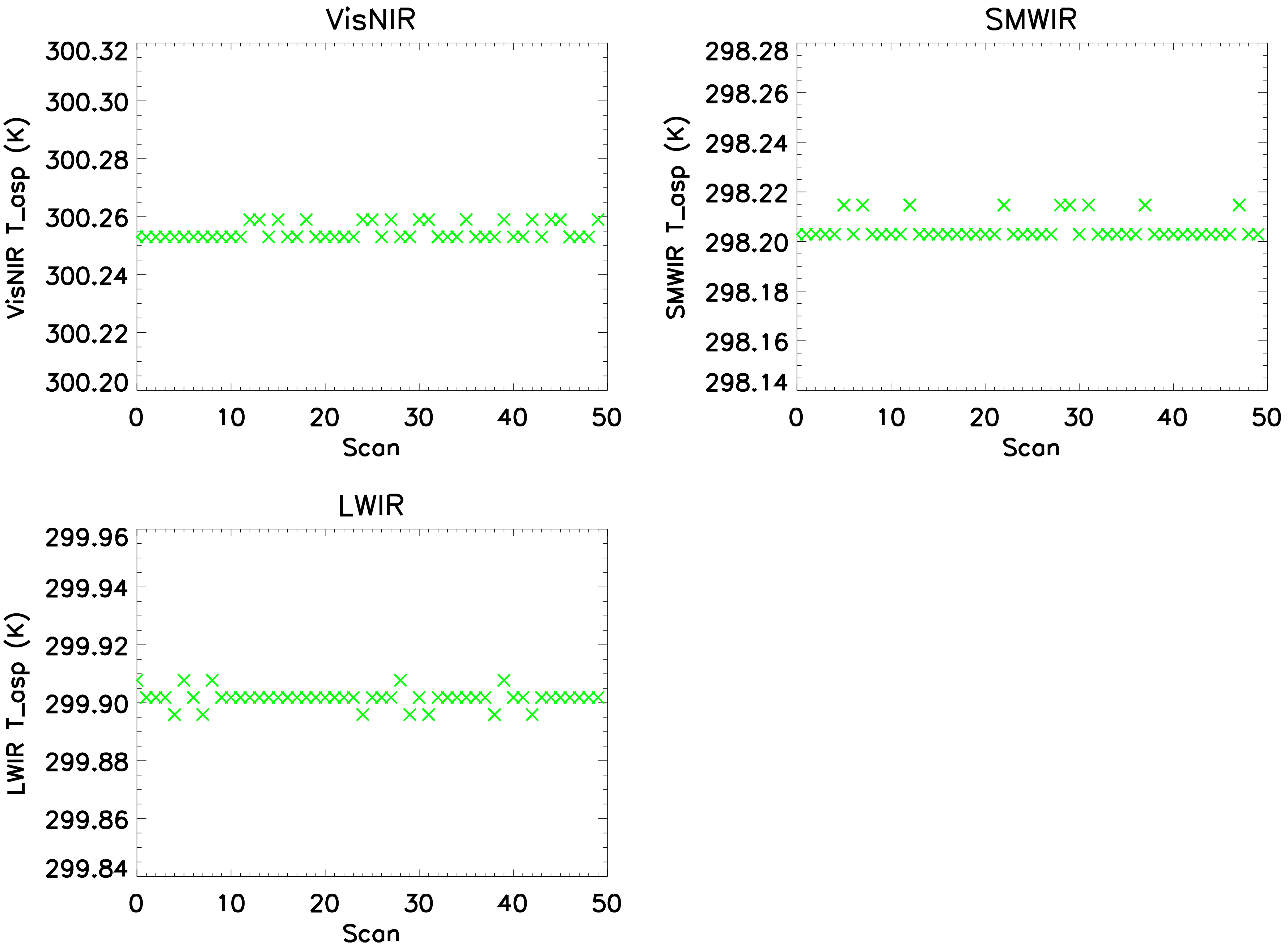


T_asp vs Scan: Collect=58



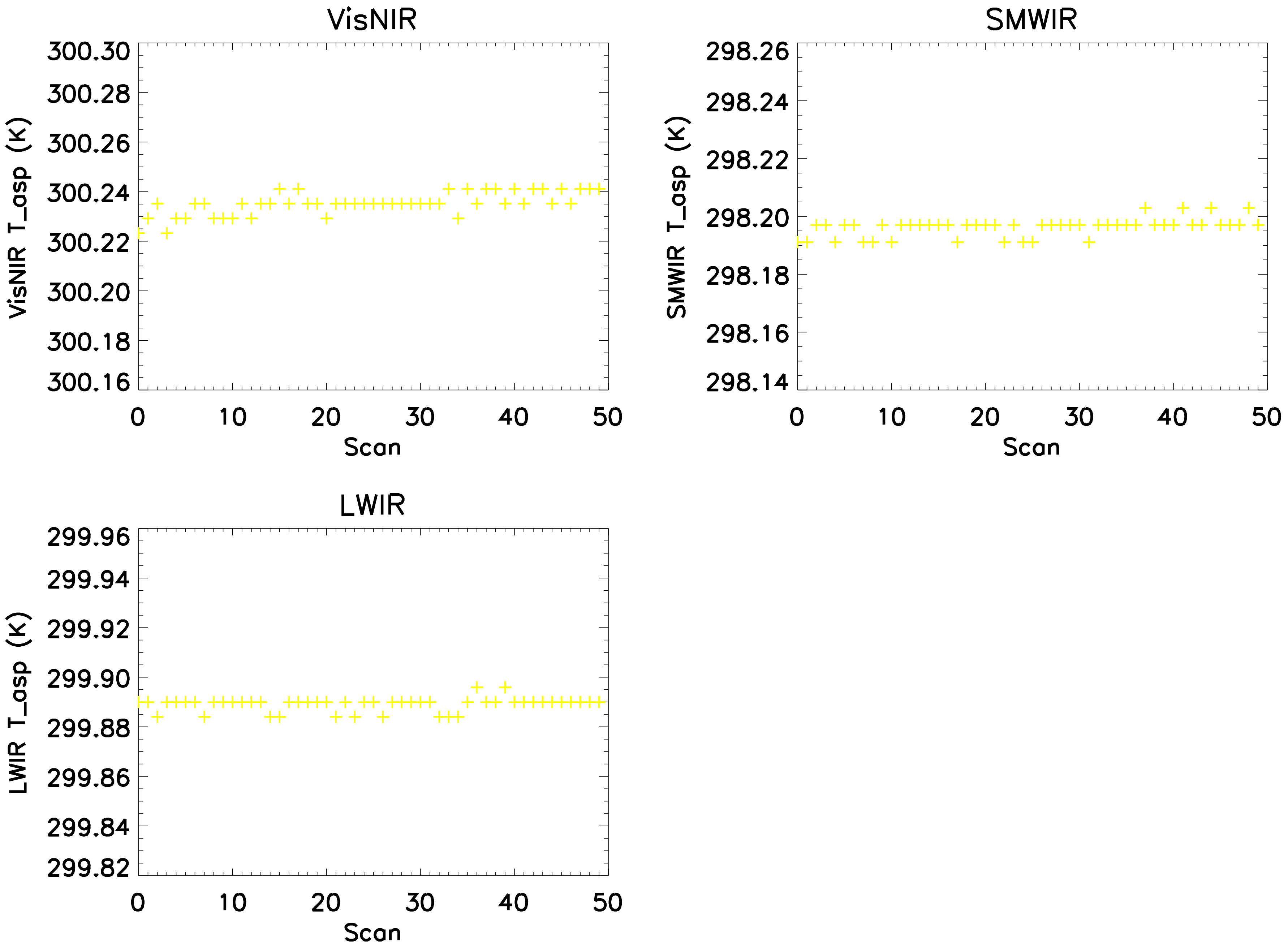
T_asp vs Scan: Collect=59

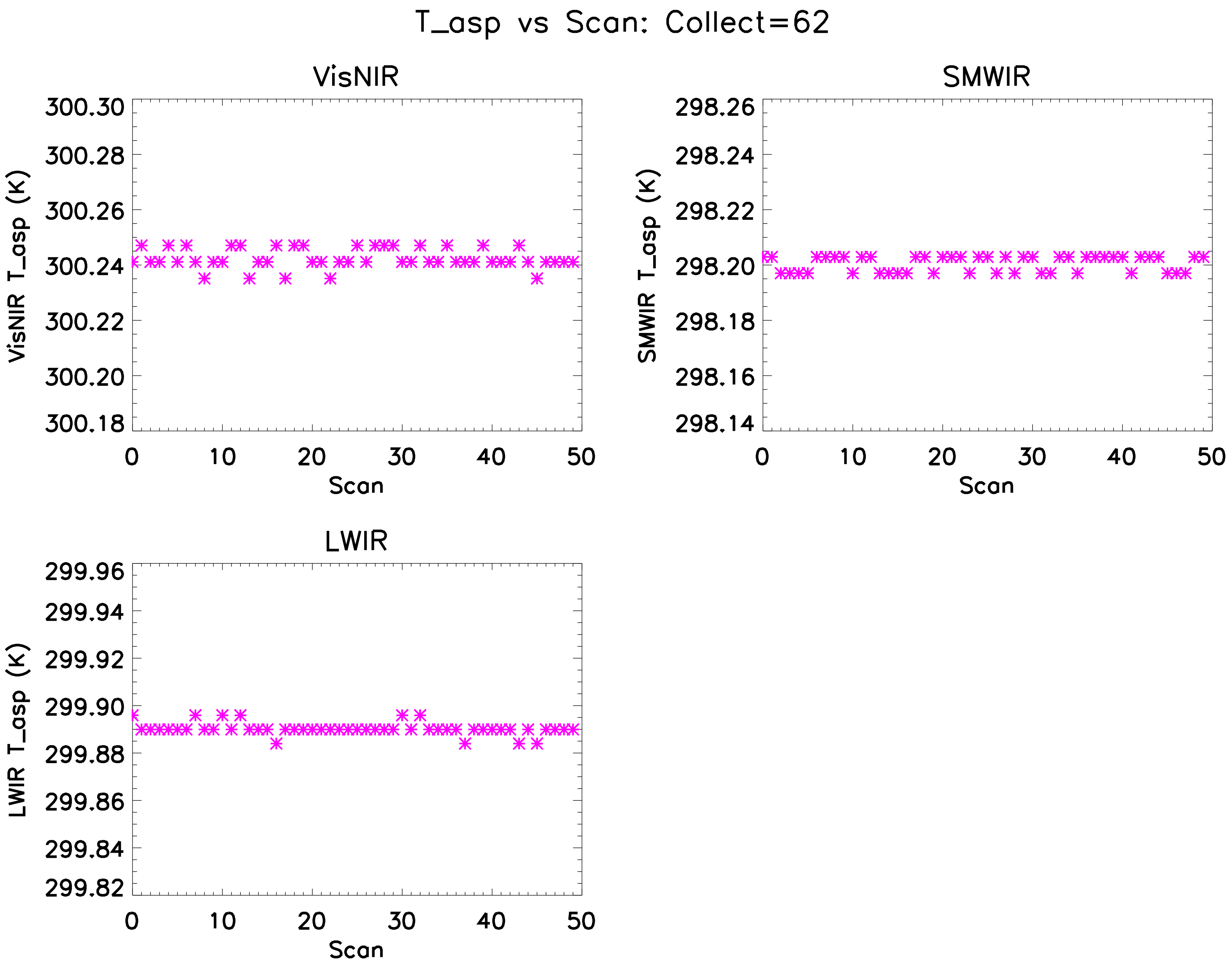


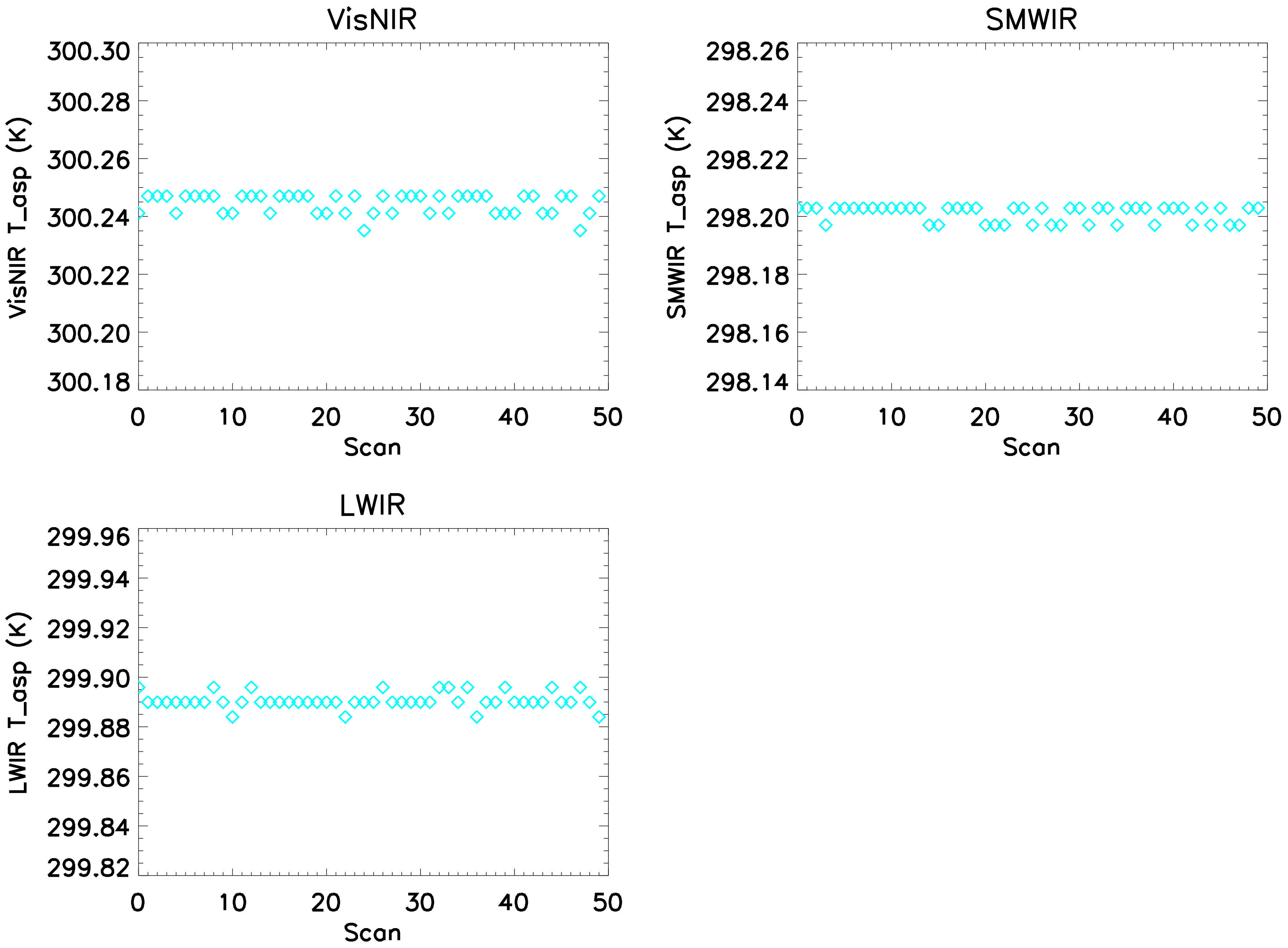


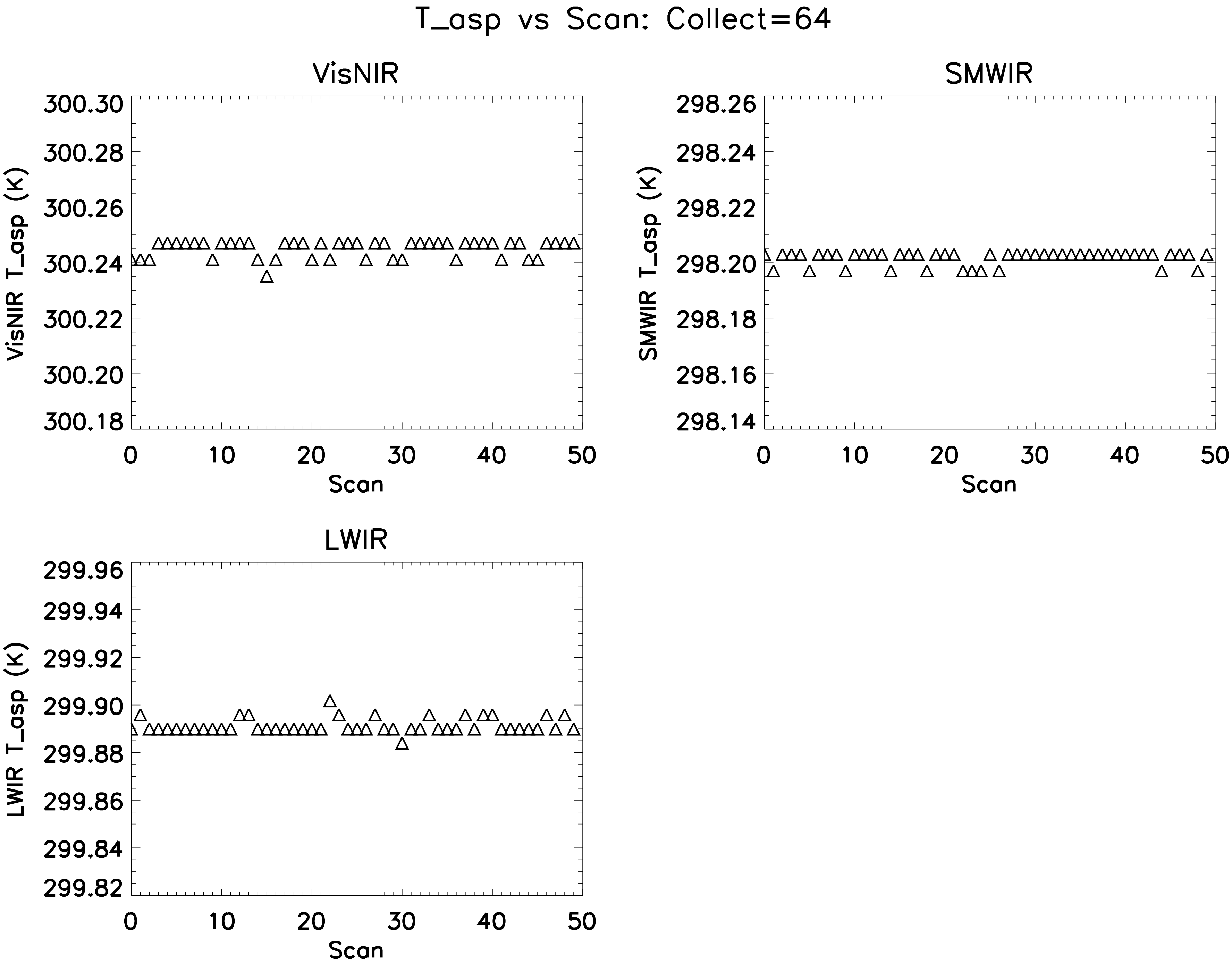
T_asp vs Scan: Collect=60

T_asp vs Scan: Collect=61

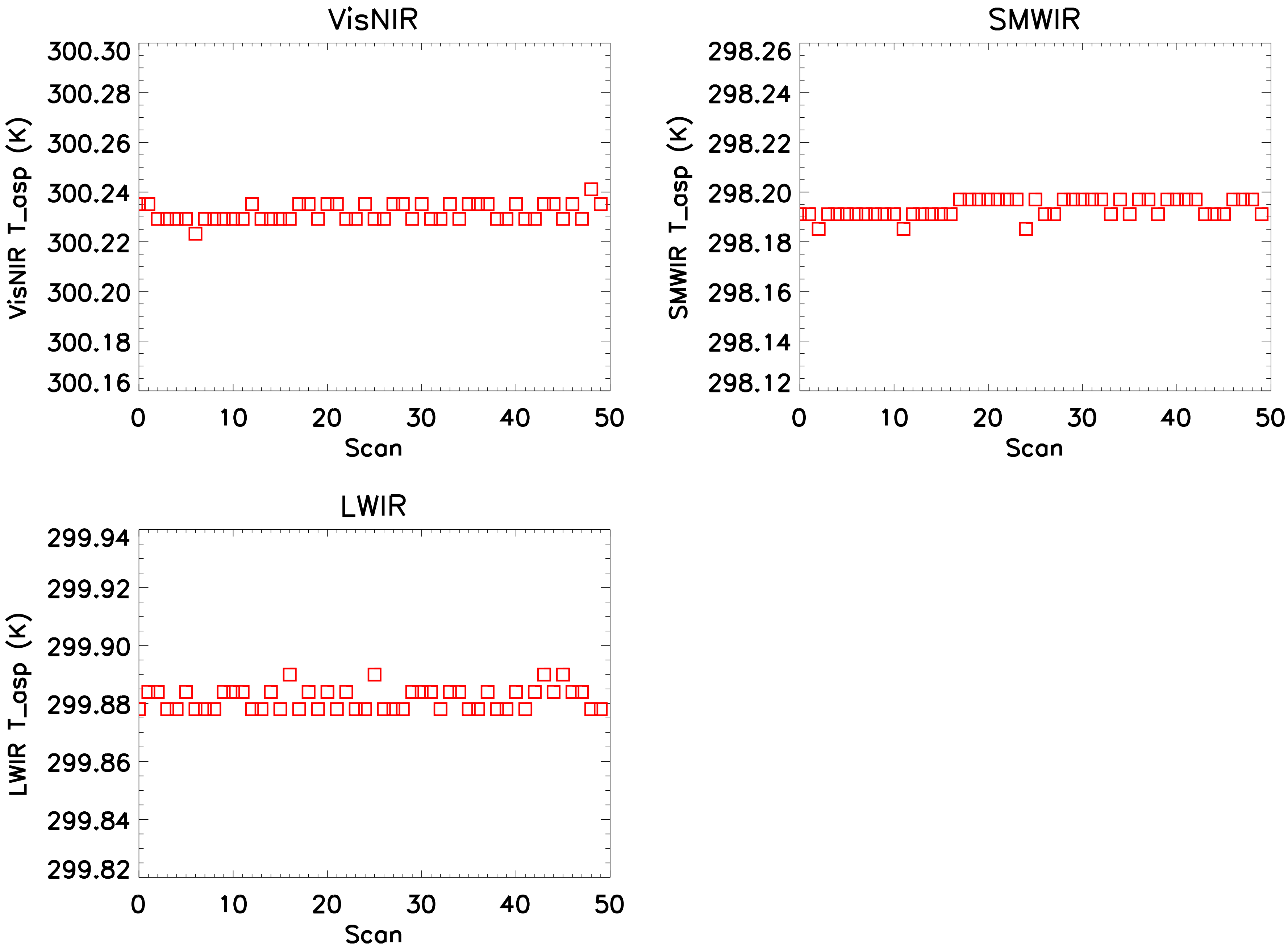


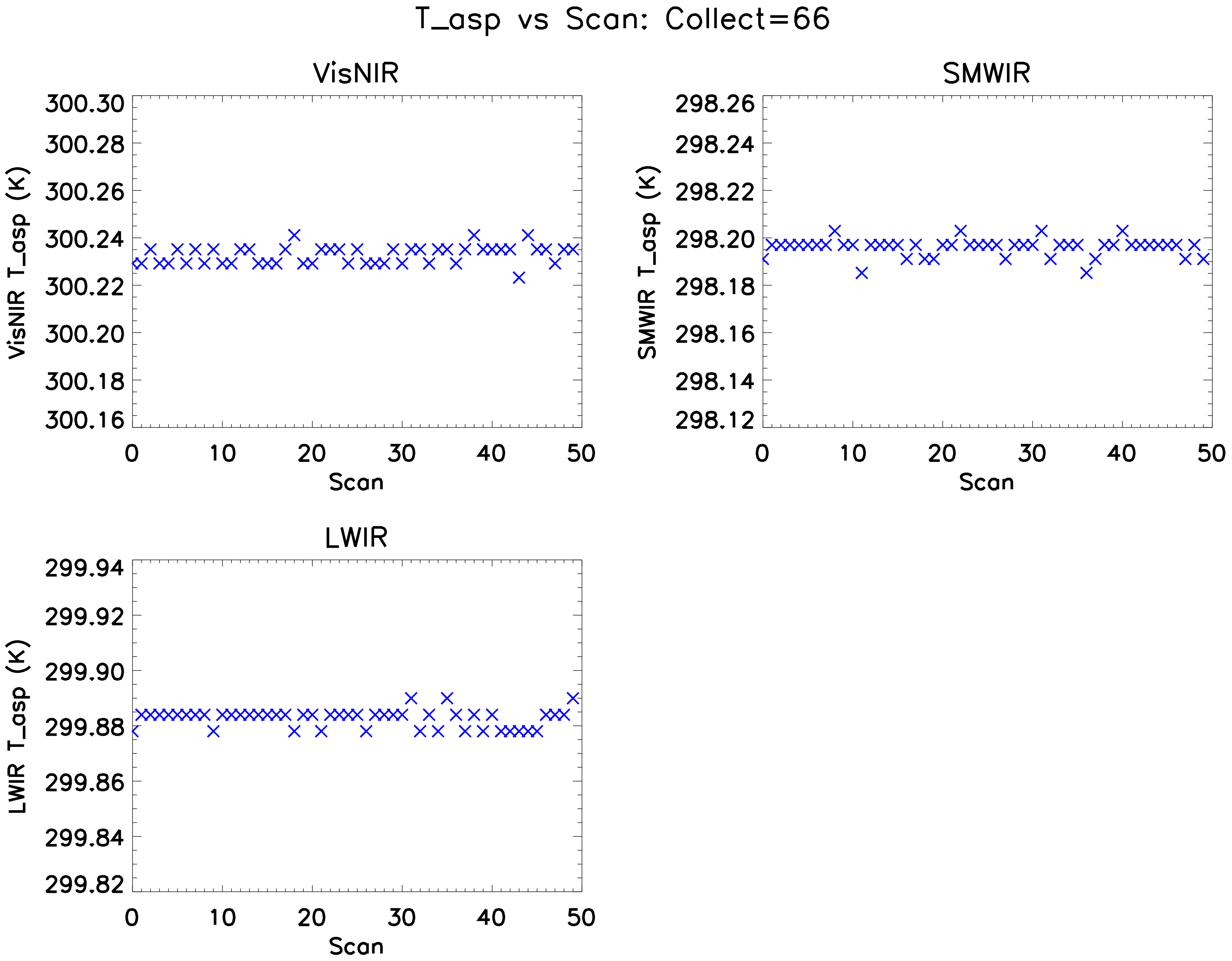

T_asp vs Scan: Collect=62
VisNIR
VisNIR T_asp (K)
300.30
300.28
300.26
300.24
300.22
300.20
300.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.96
299.94
299.92
299.90
299.88
299.86
299.84
299.82
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=63

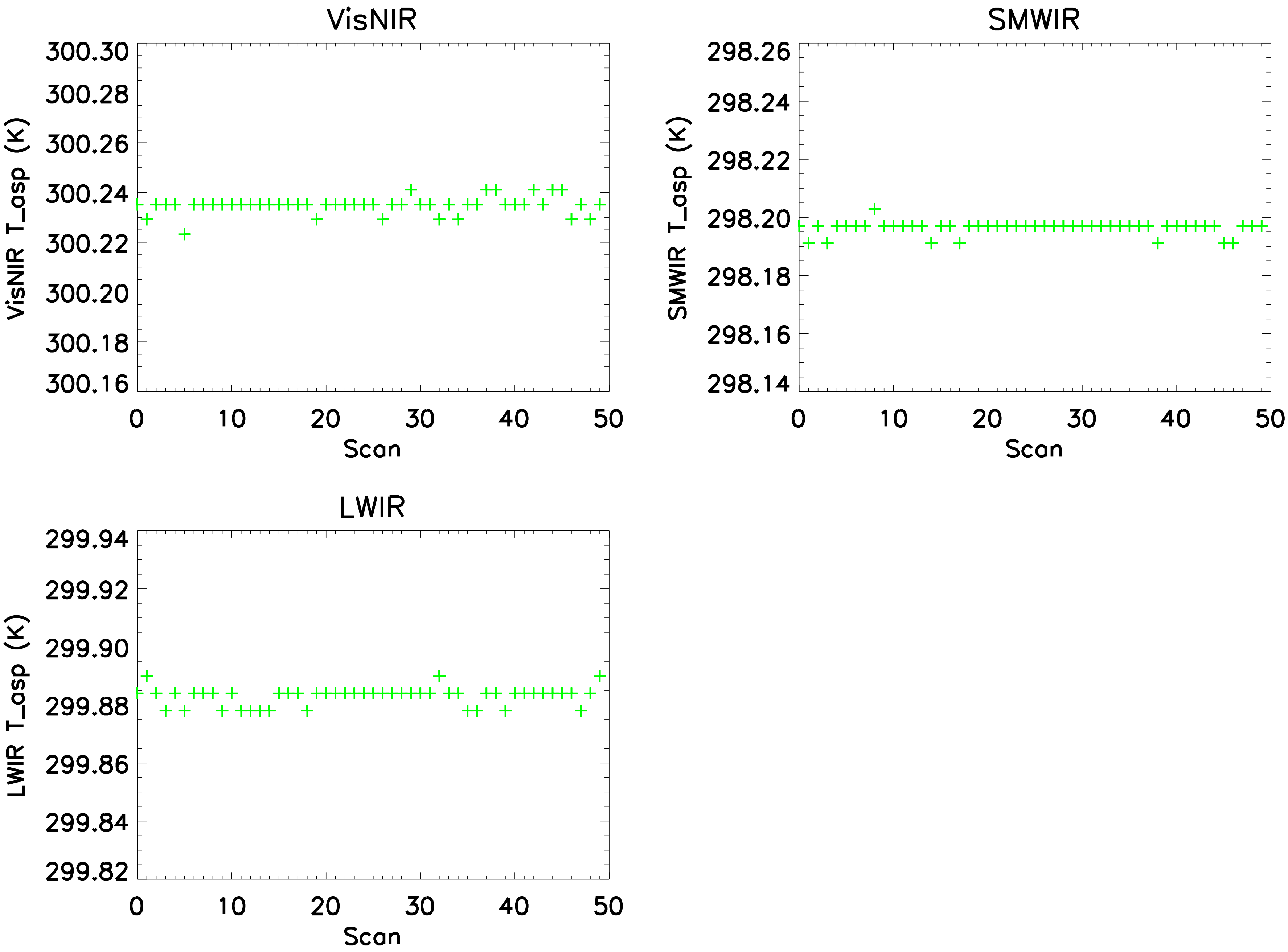

T_asp vs Scan: Collect=64
VisNIR
VisNIR T_asp (K)
300.30
300.28
300.26
300.24
300.22
300.20
300.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.96
299.94
299.92
299.90
299.88
299.86
299.84
299.82
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=65

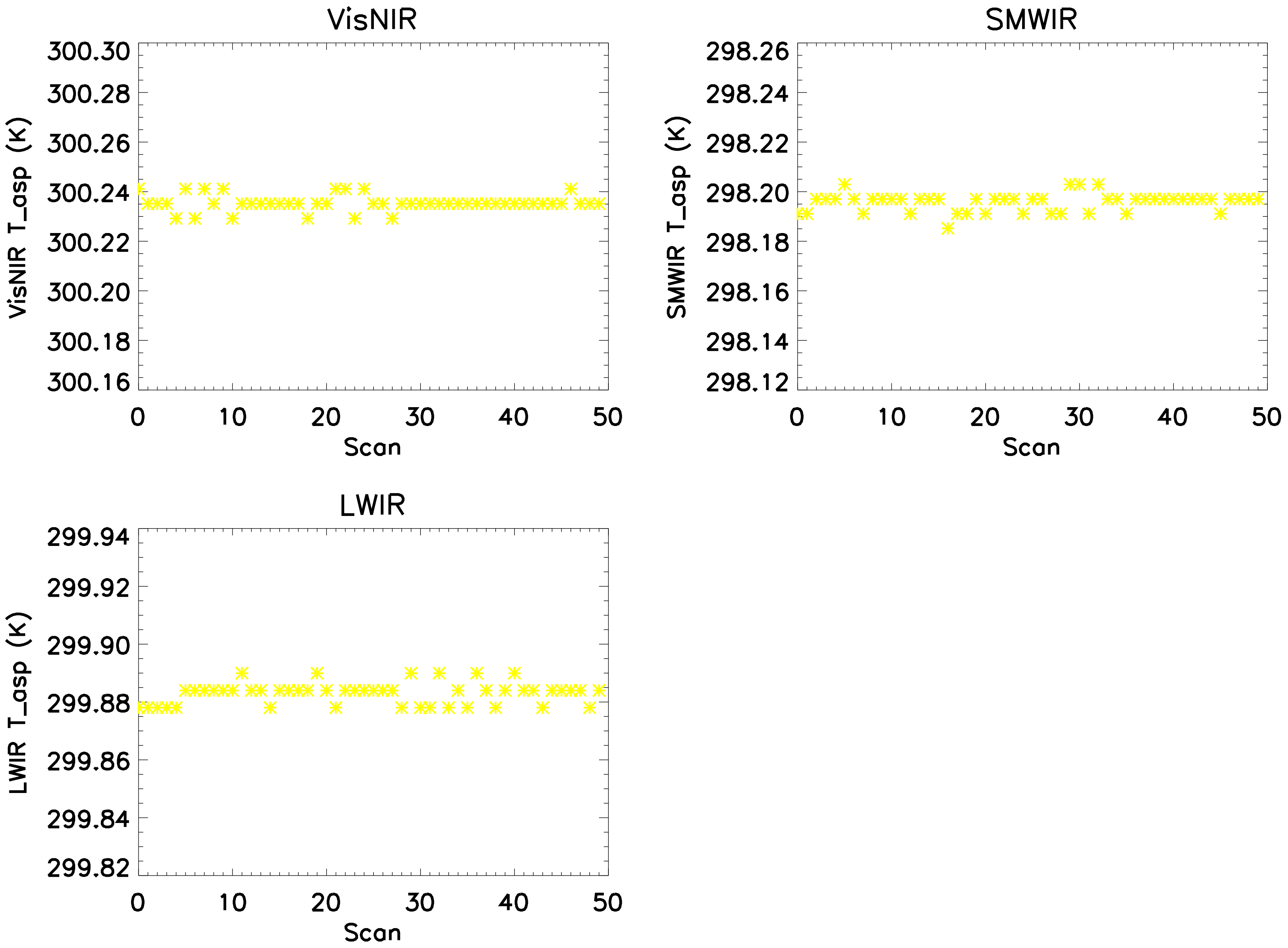



T_asp vs Scan: Collect=66
VisNIR
VisNIR T_asp (K)
300.30
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=67

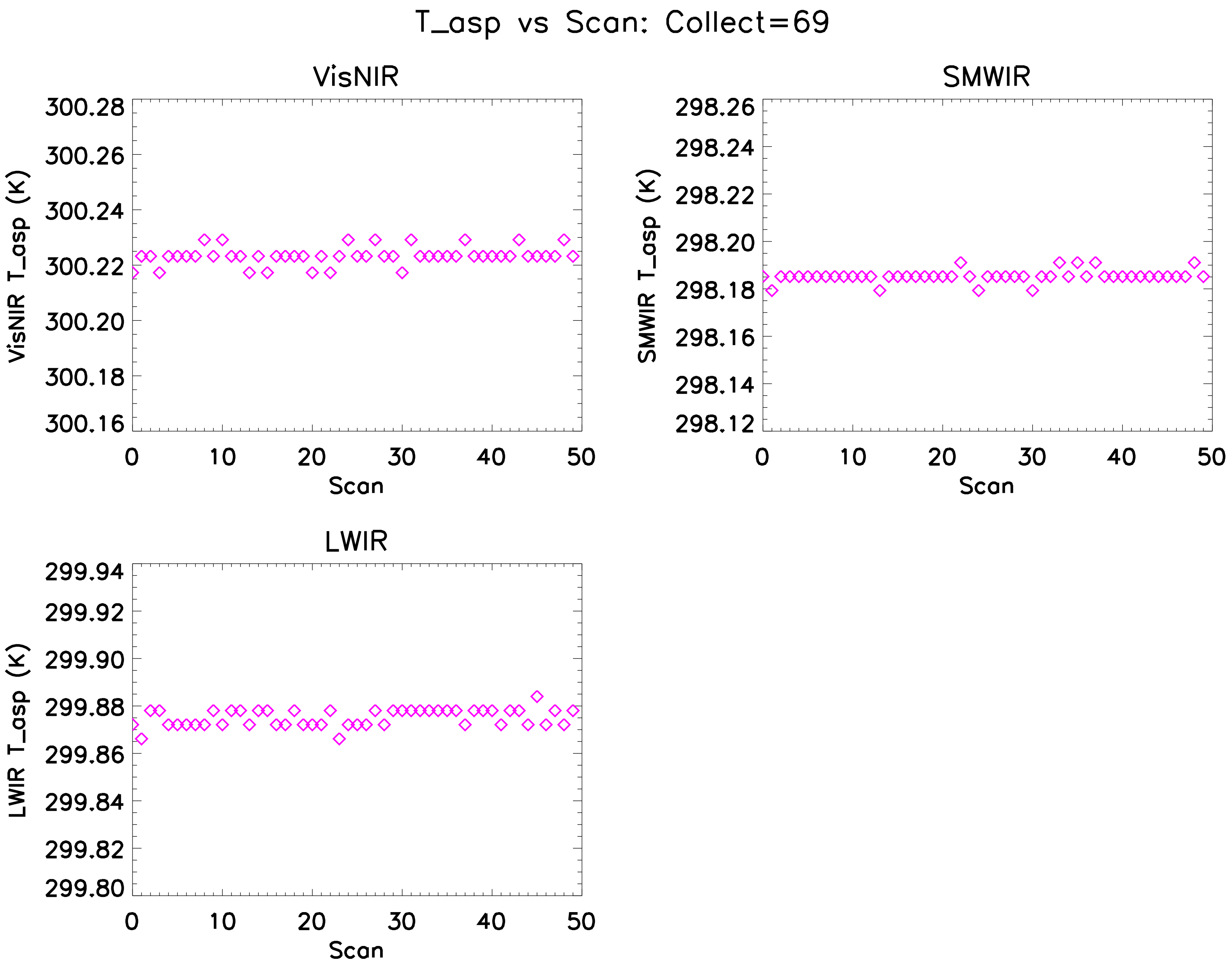


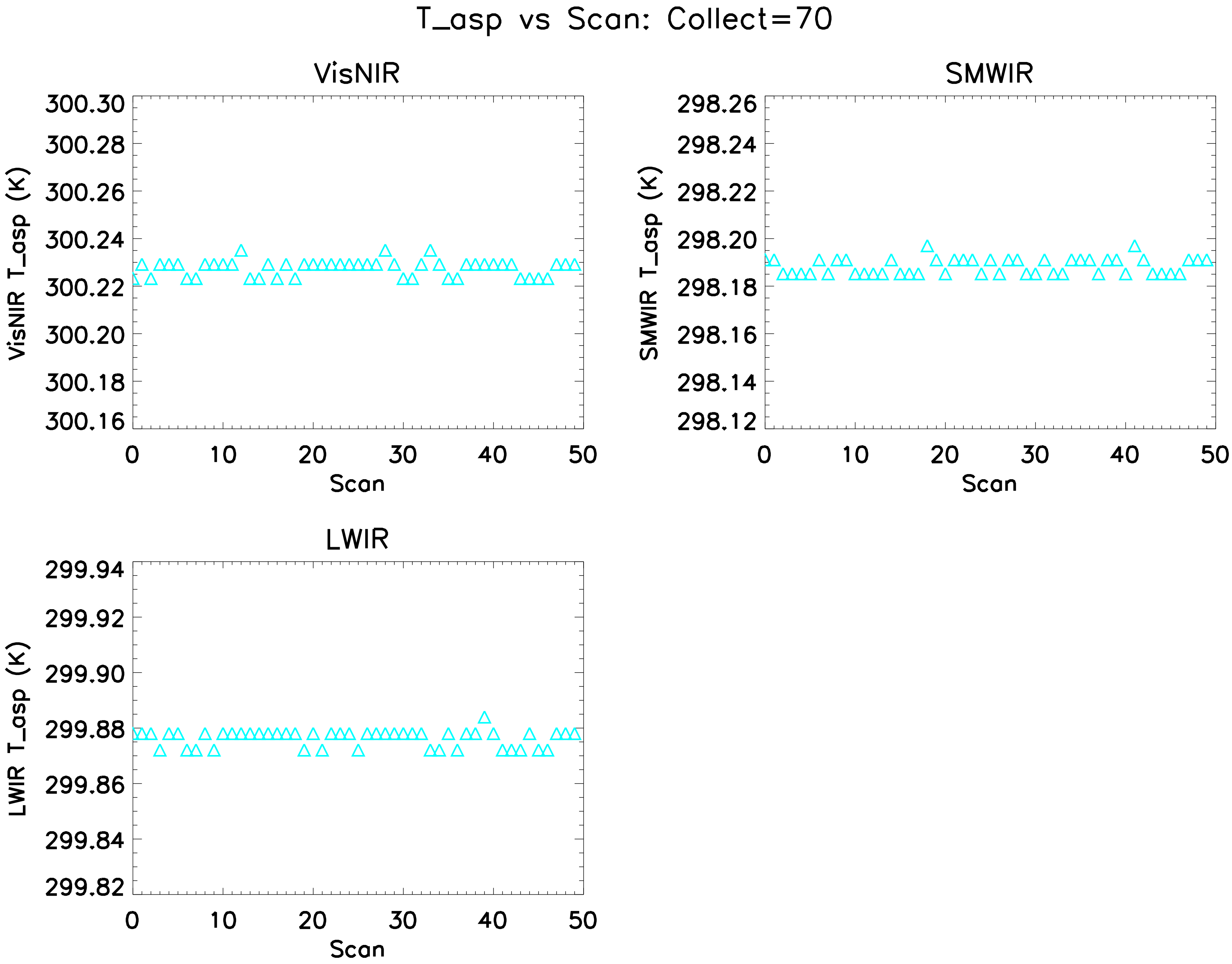
T_asp vs Scan: Collect=68


VisNIR

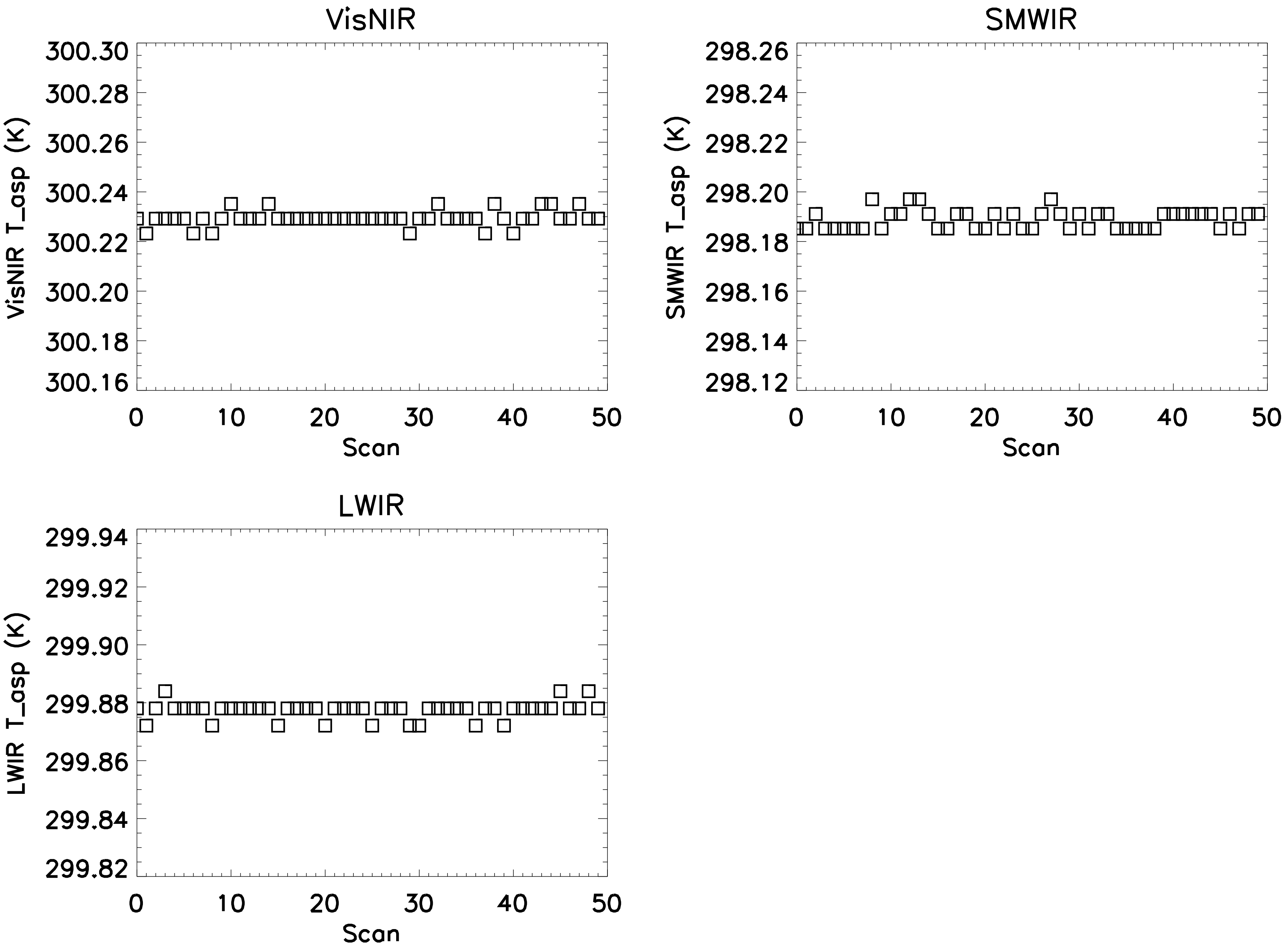
SMWIR

LWIR

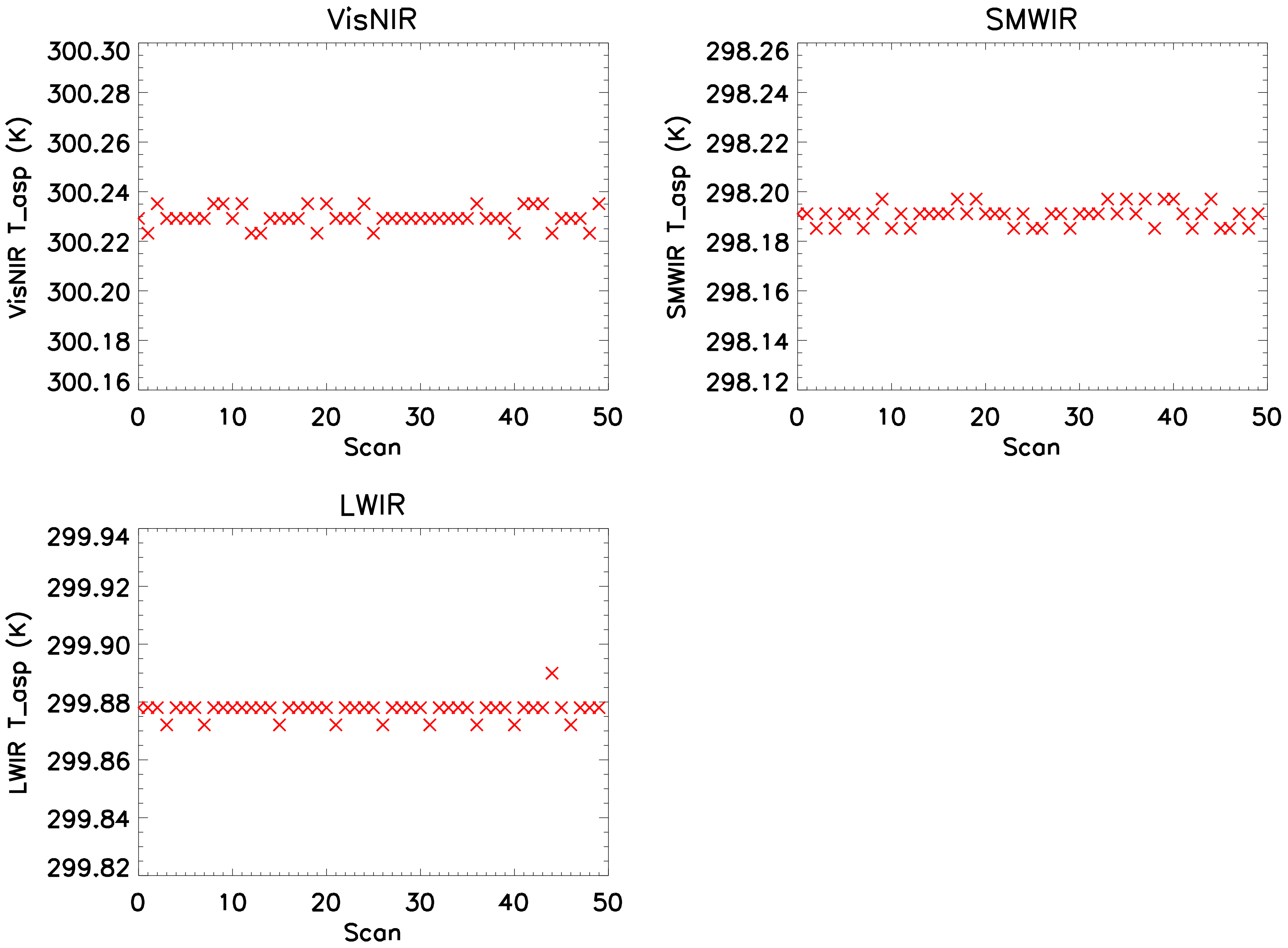

T_asp vs Scan: Collect=69
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan

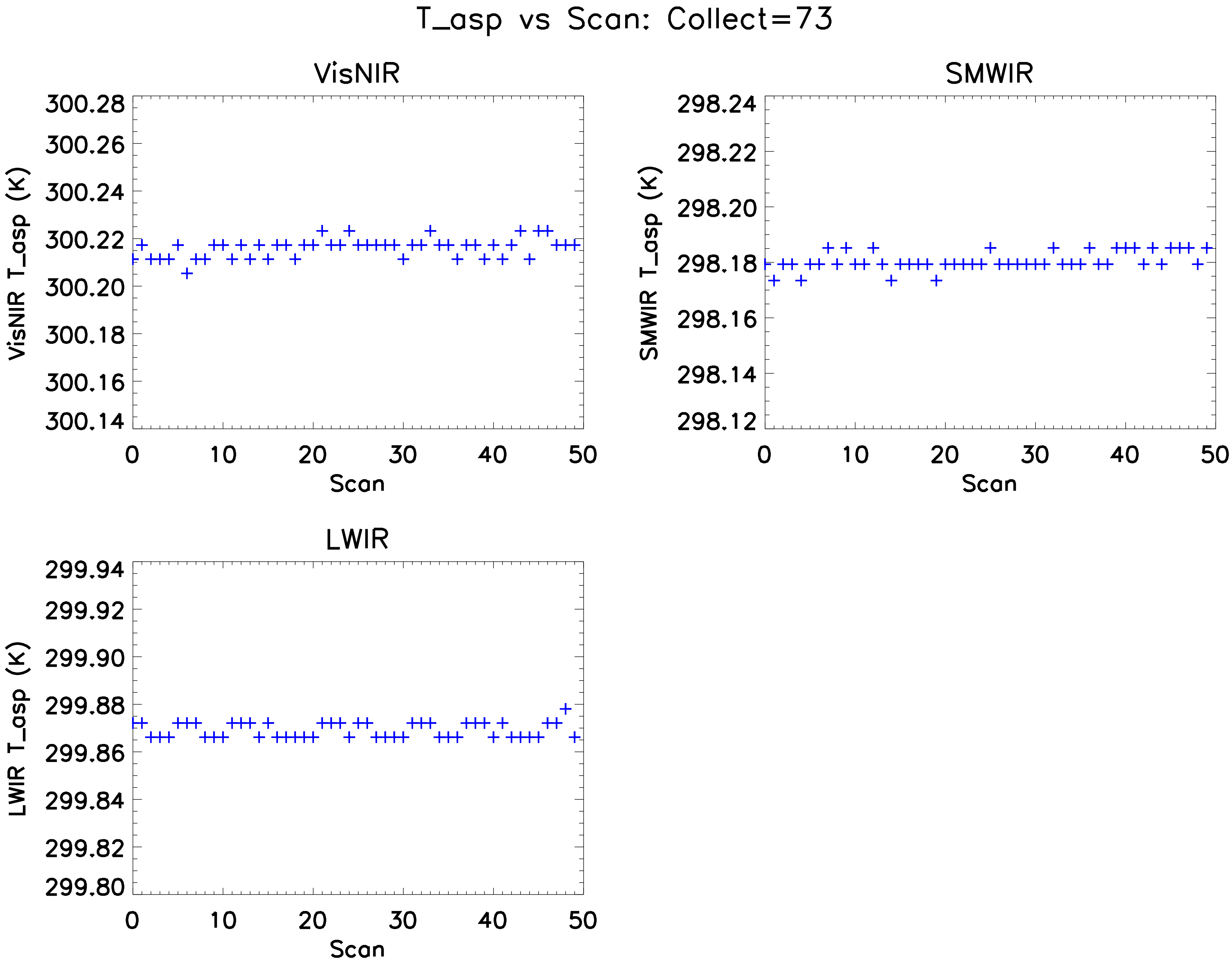

T_asp vs Scan: Collect=70
VisNIR
VisNIR T_asp (K)
300.30
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
0
10
20
30
40
50
Scan

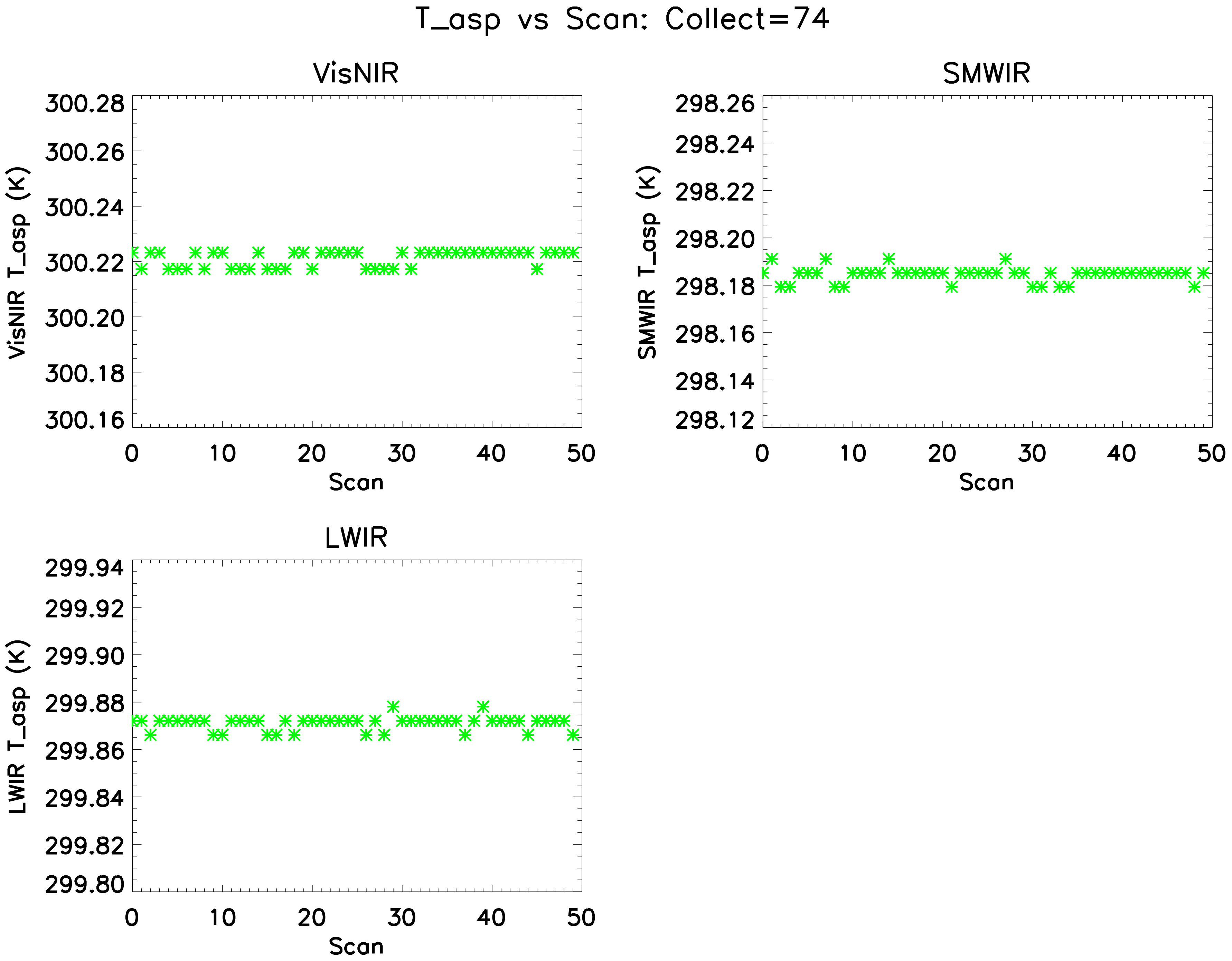
T_asp vs Scan: Collect=71

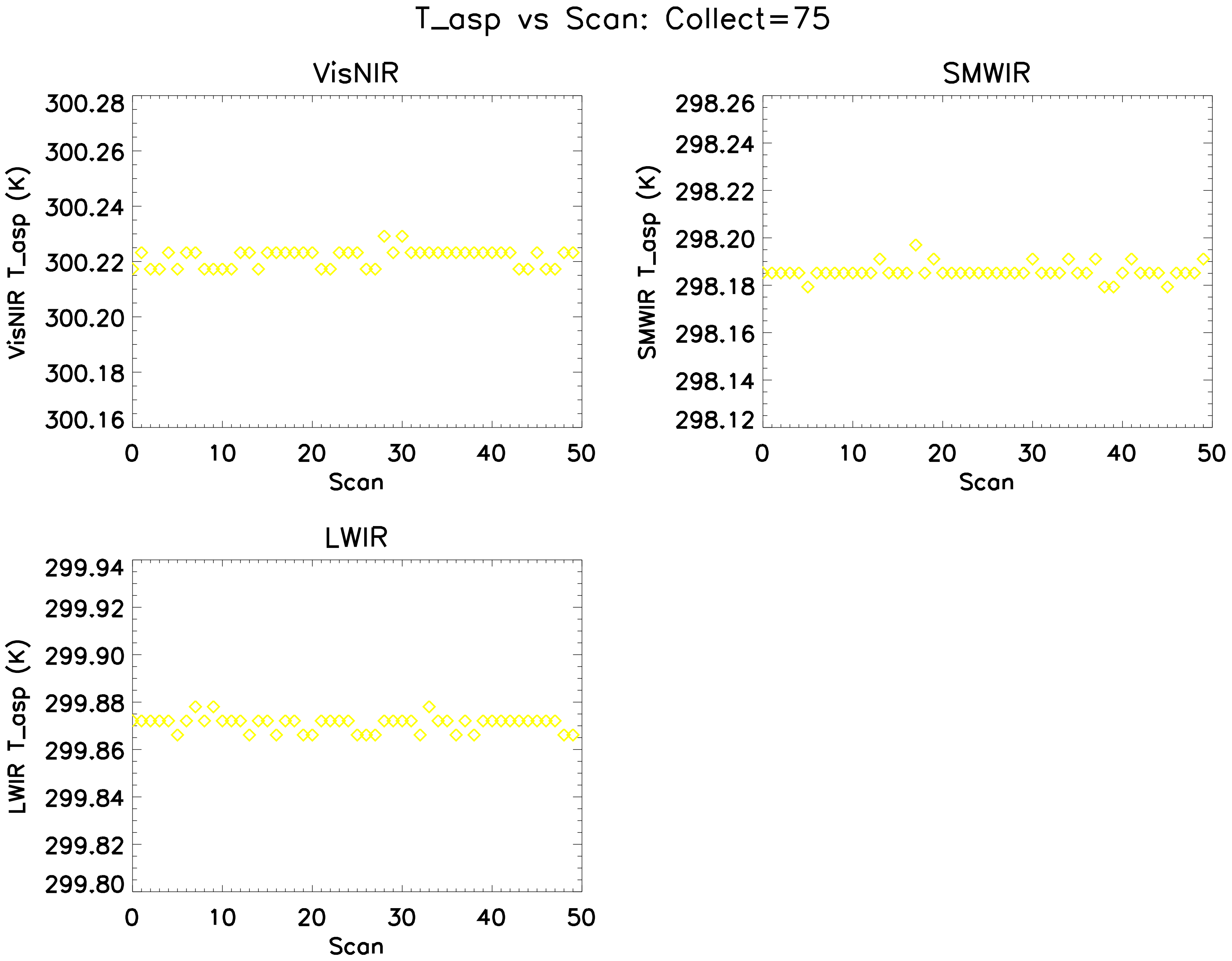


T_asp vs Scan: Collect=72

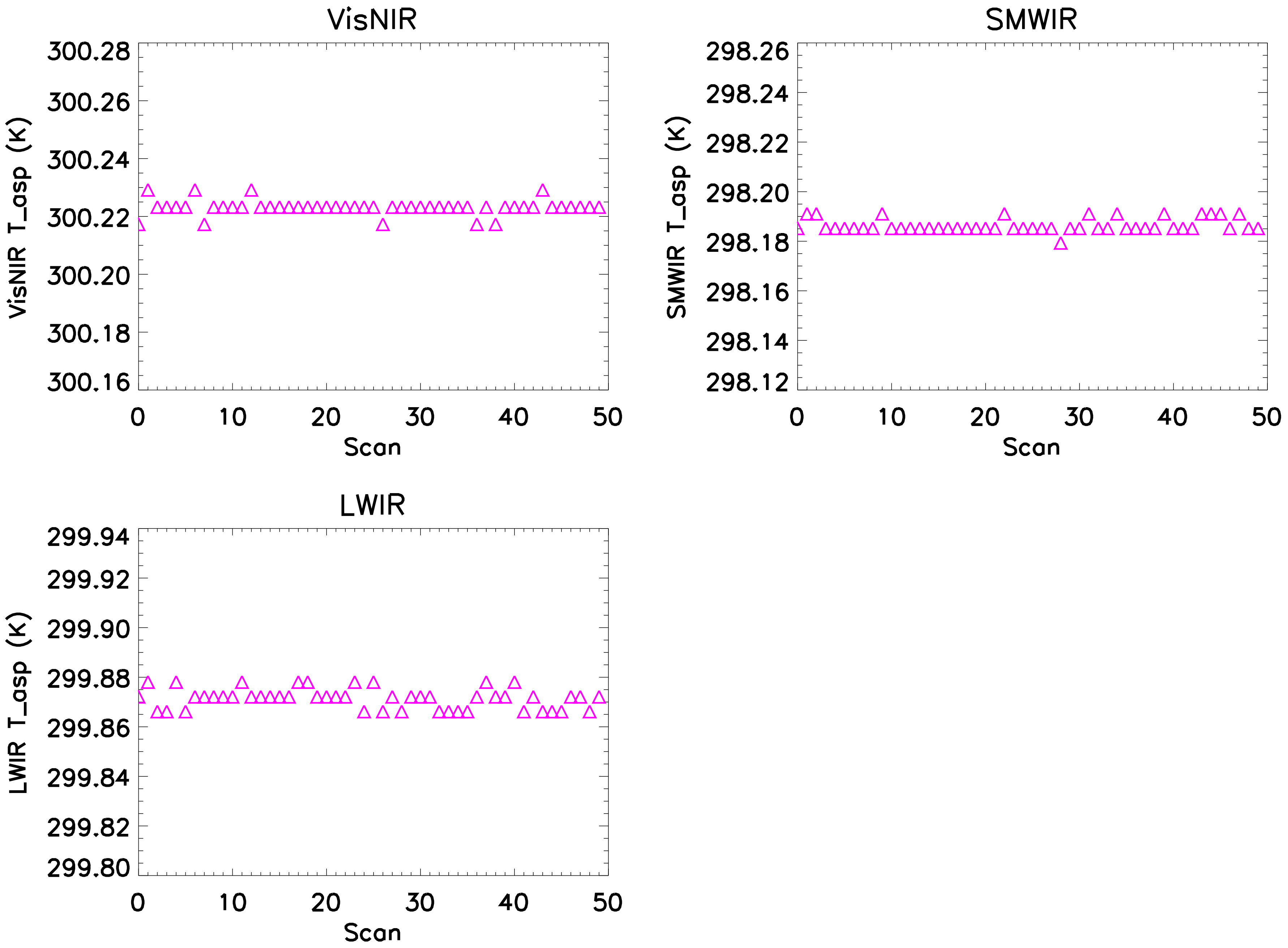



T_asp vs Scan: Collect=73
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan

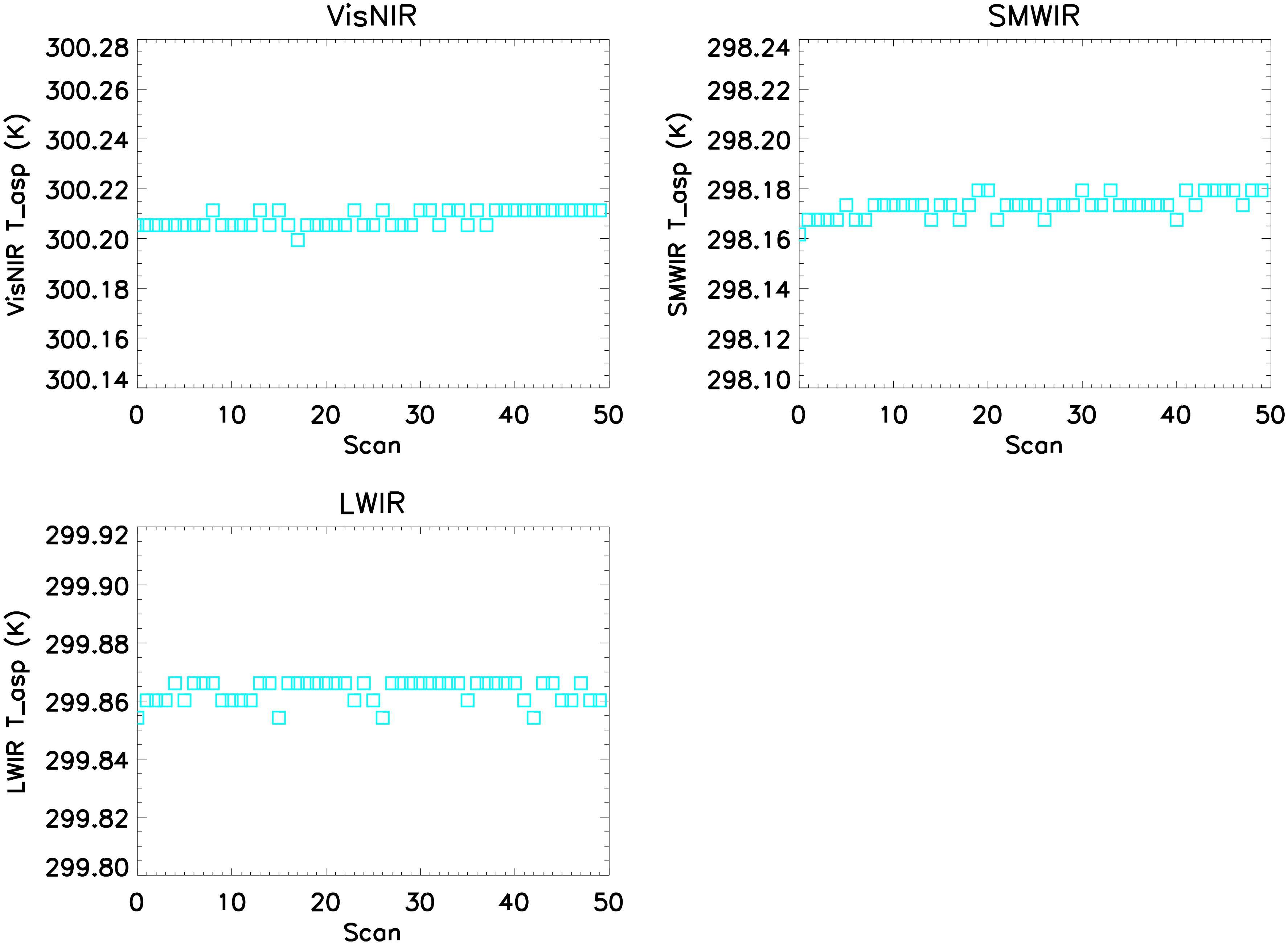

T_asp vs Scan: Collect=74
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=75
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.26
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan

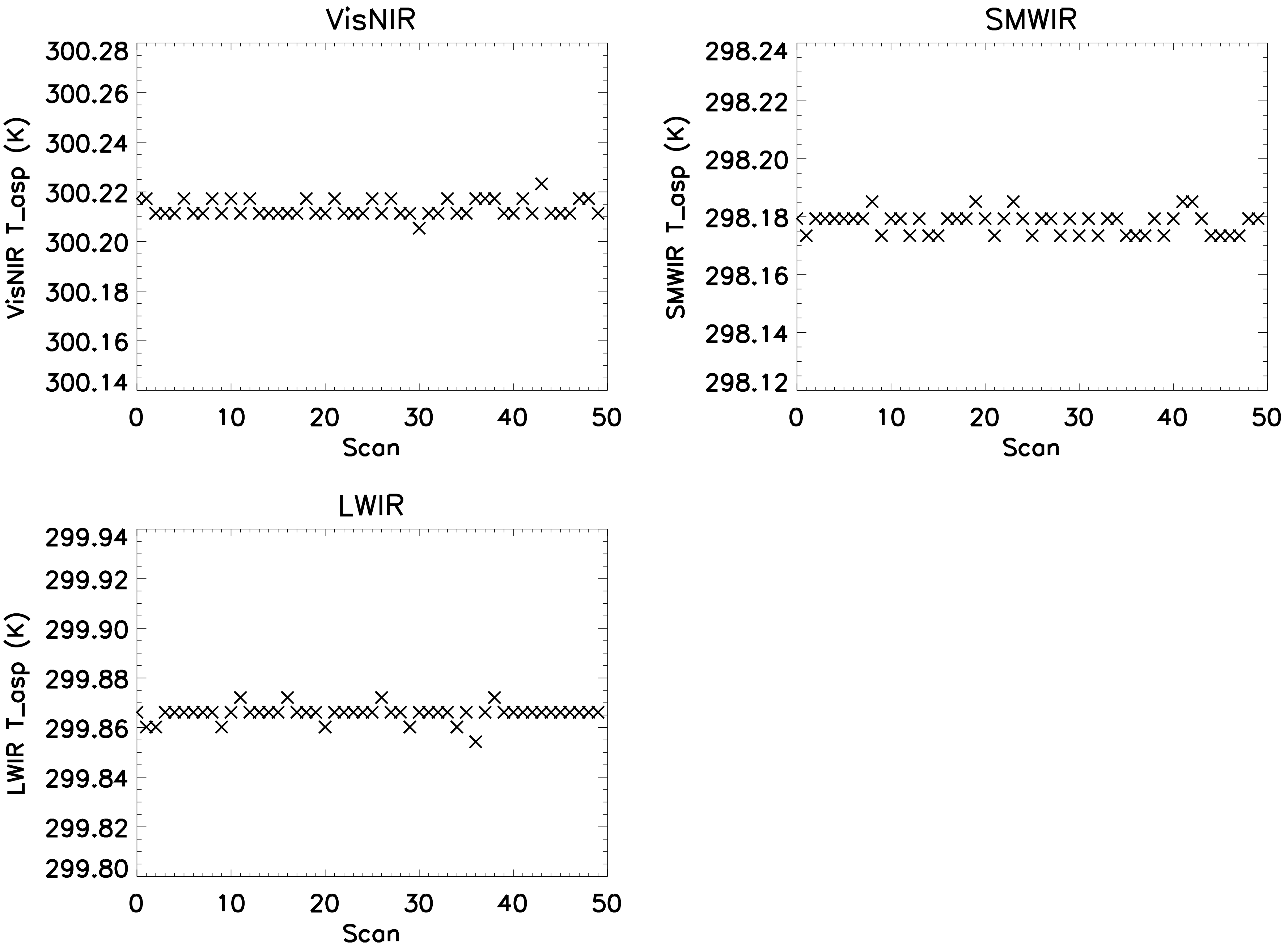
T_asp vs Scan: Collect=76

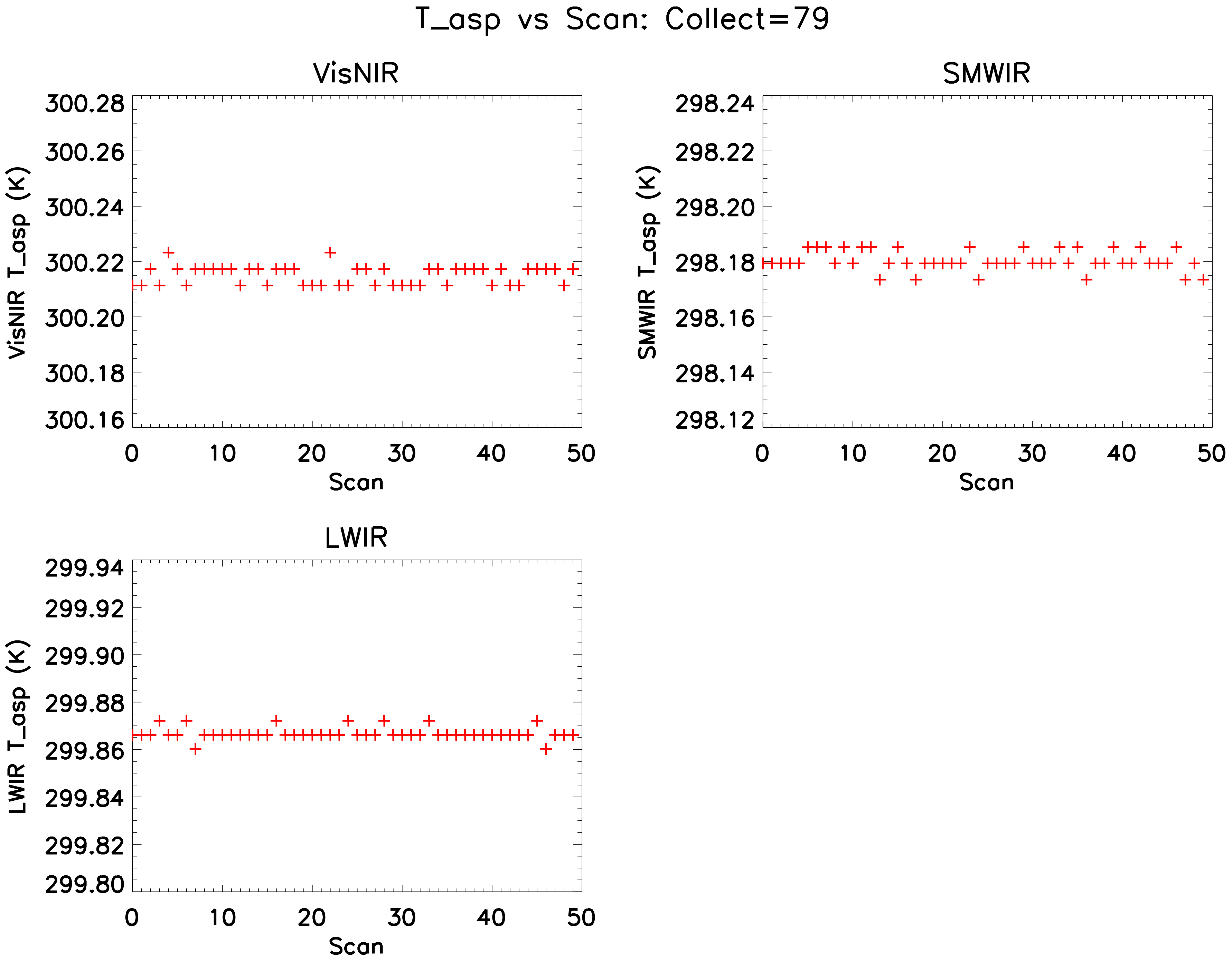


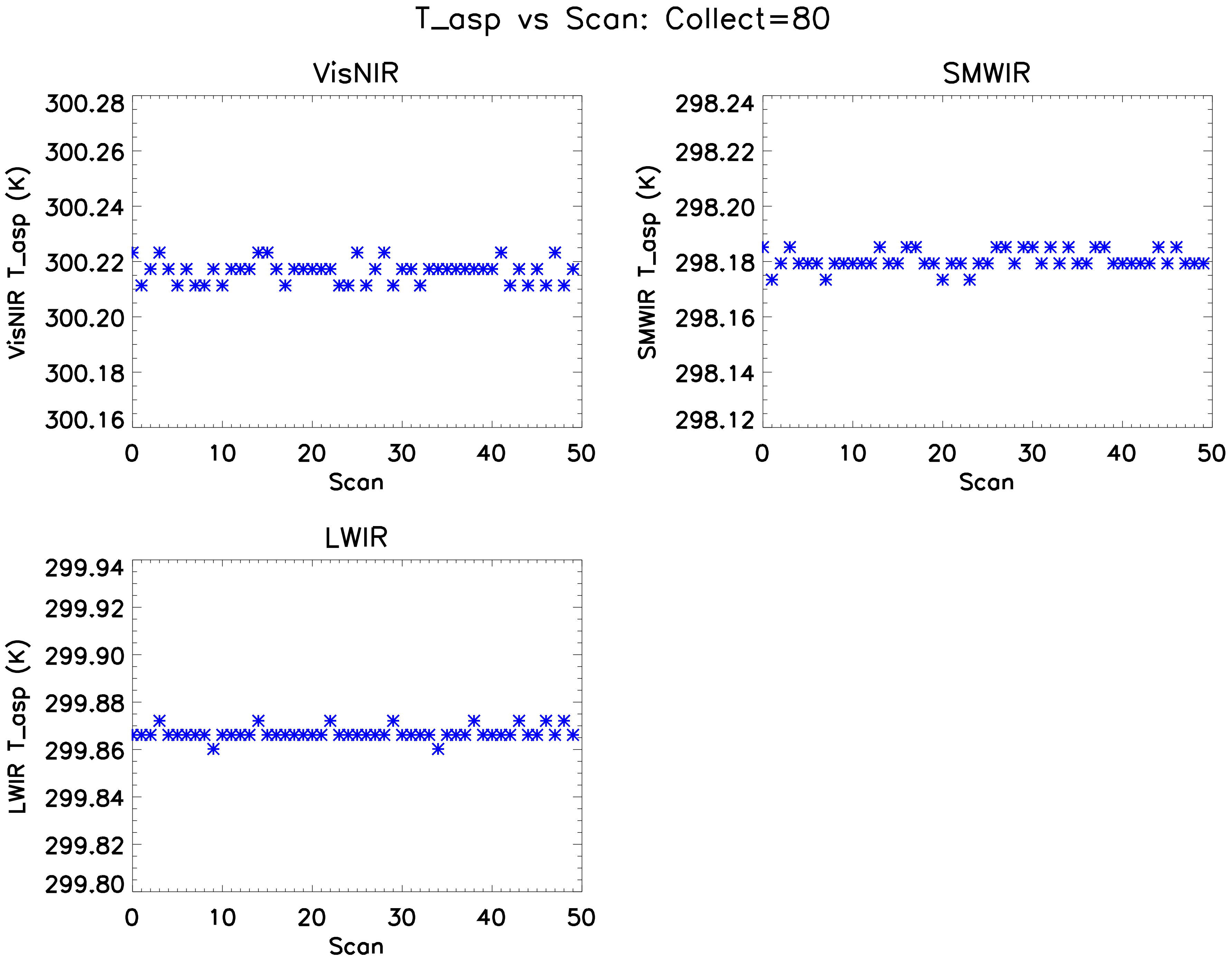
T_asp vs Scan: Collect=77



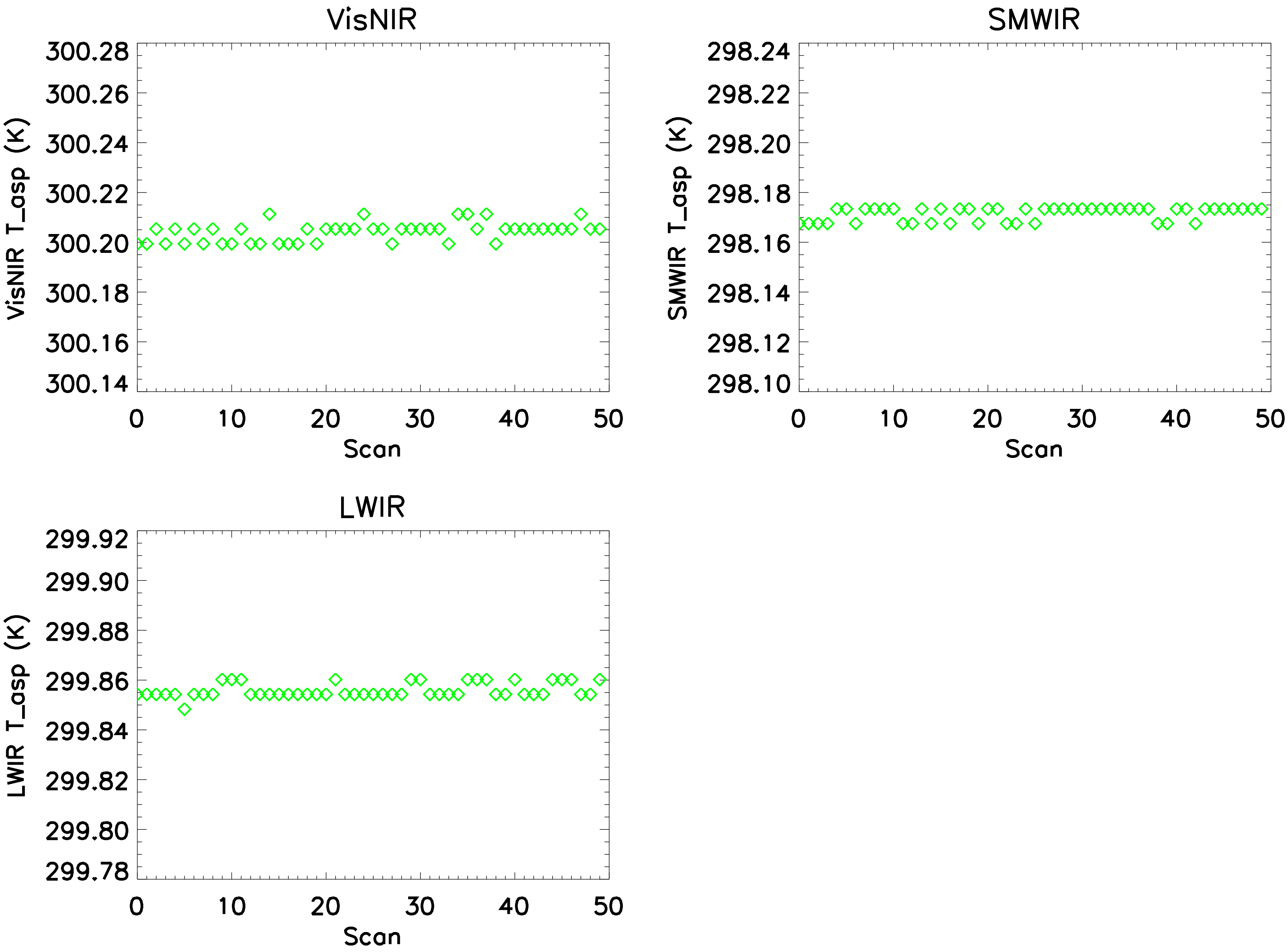
T_asp vs Scan: Collect=78



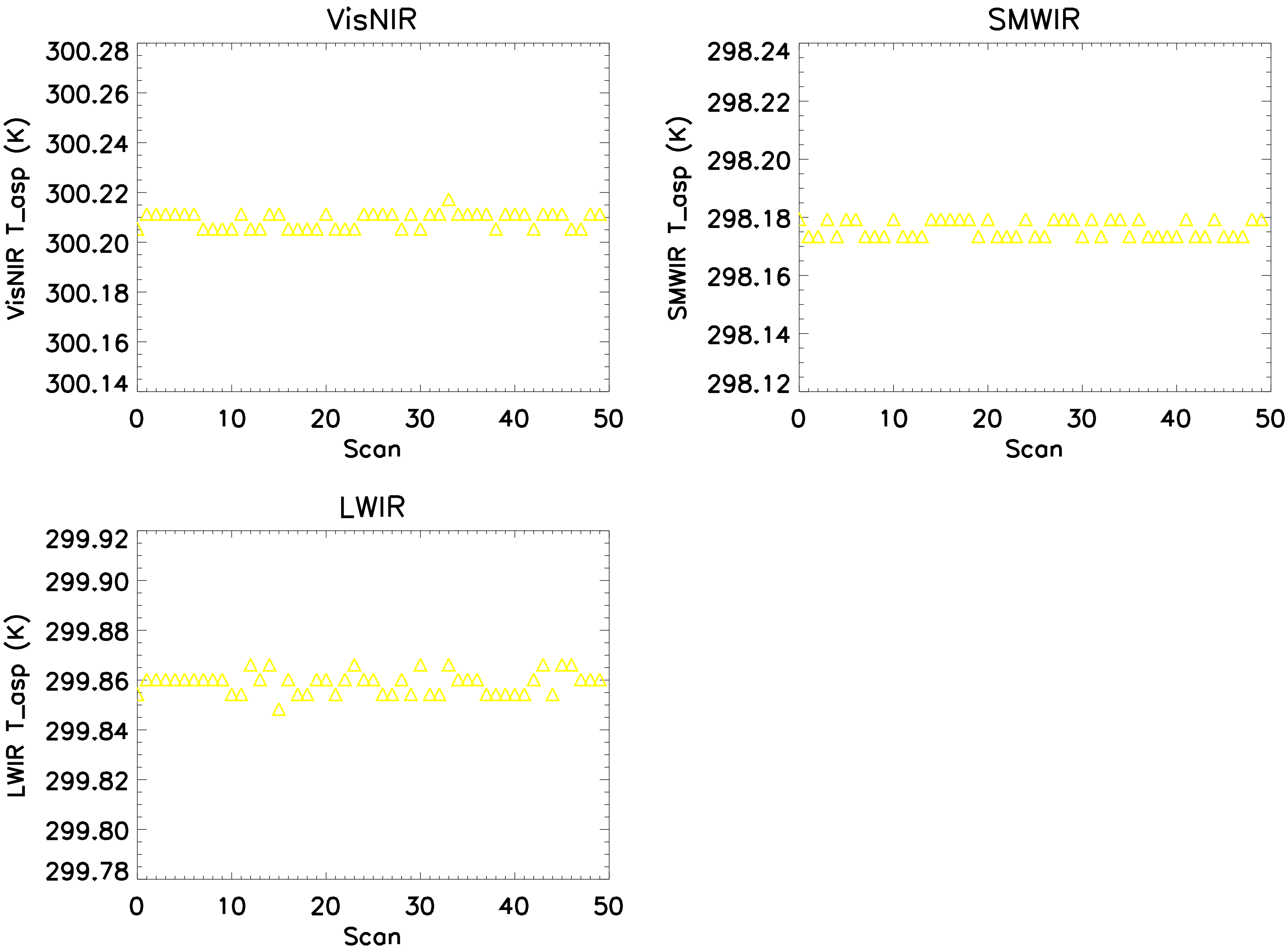

T_asp vs Scan: Collect=79
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=80
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan

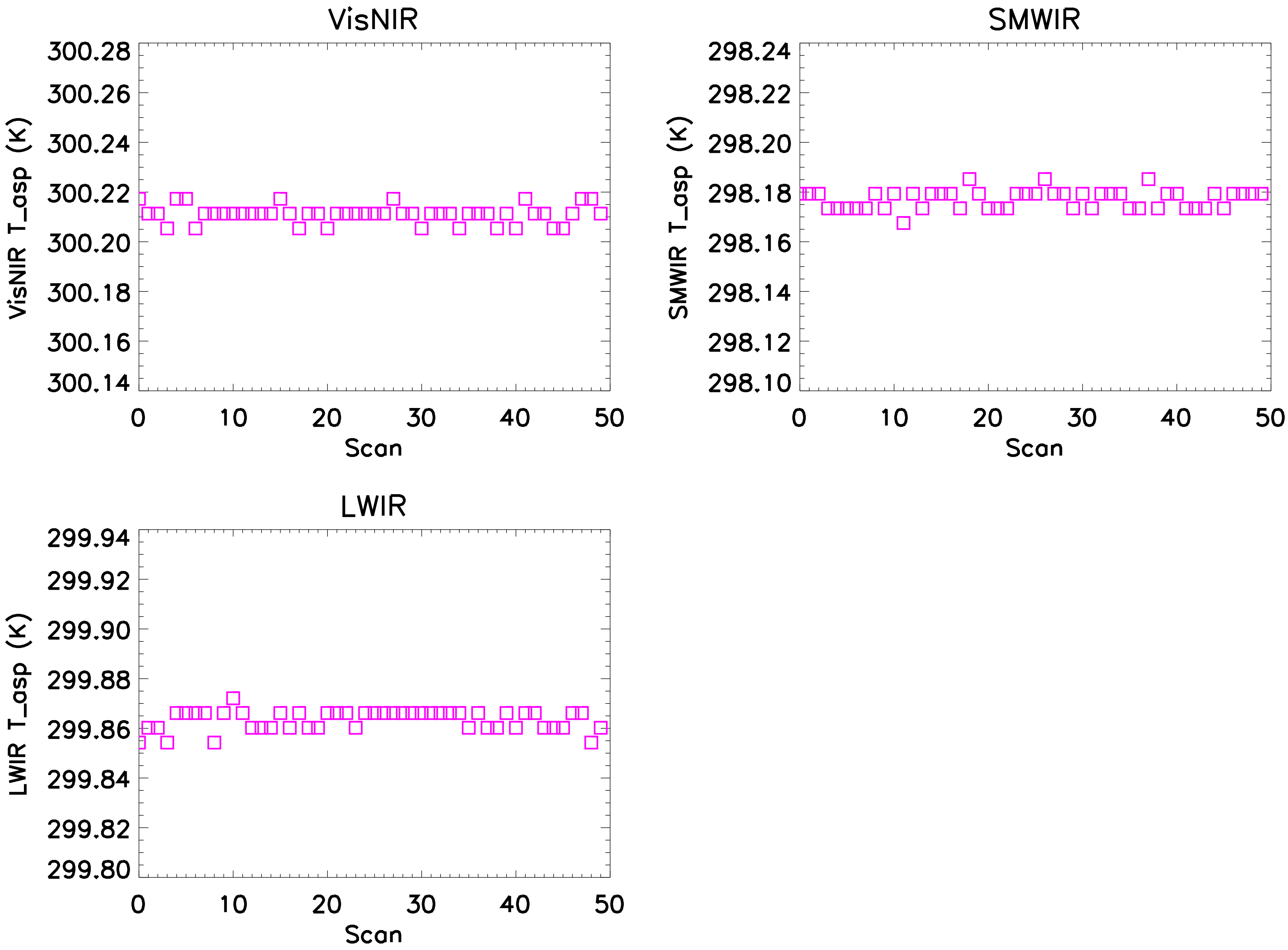
T_asp vs Scan: Collect=81

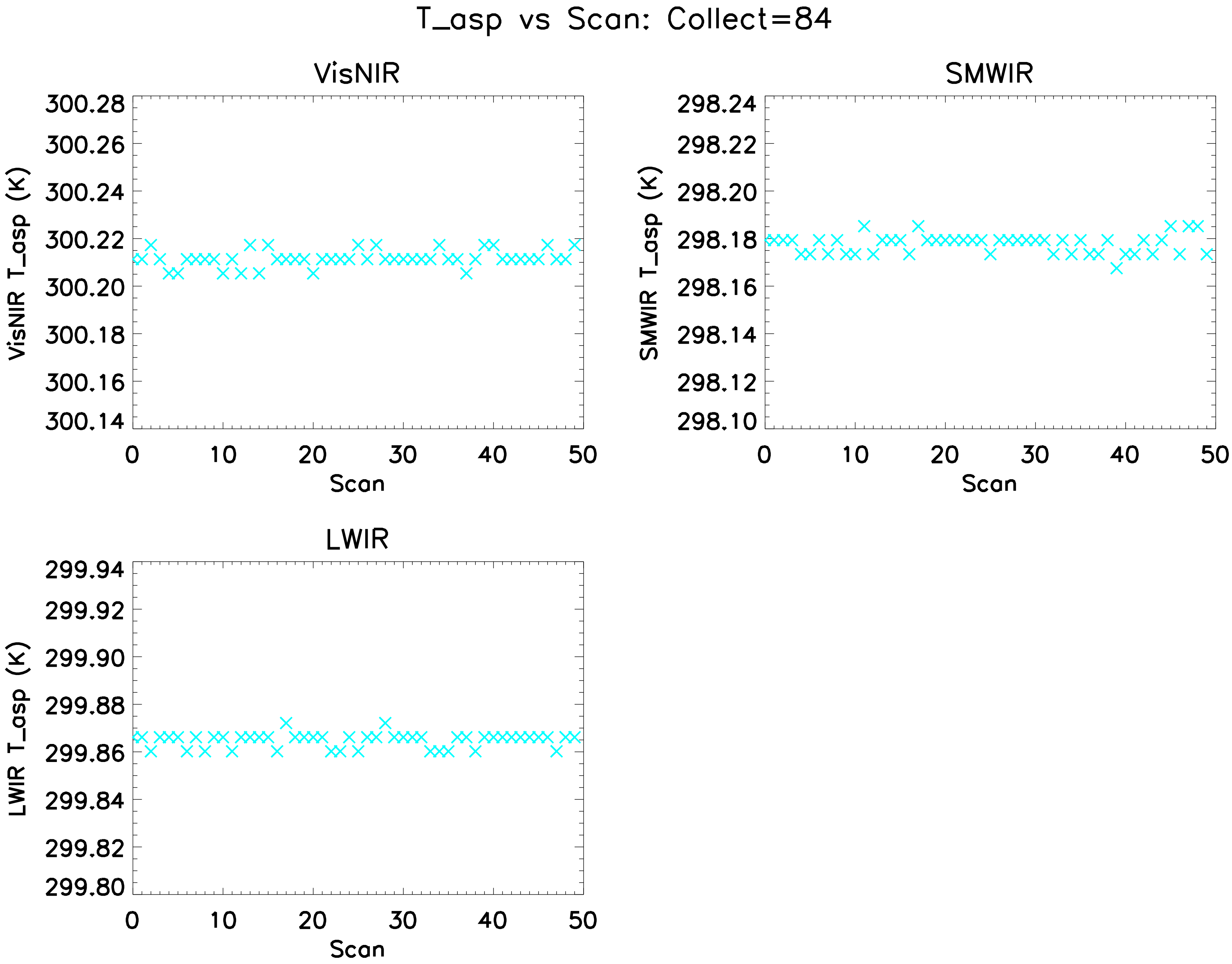


T_asp vs Scan: Collect=82

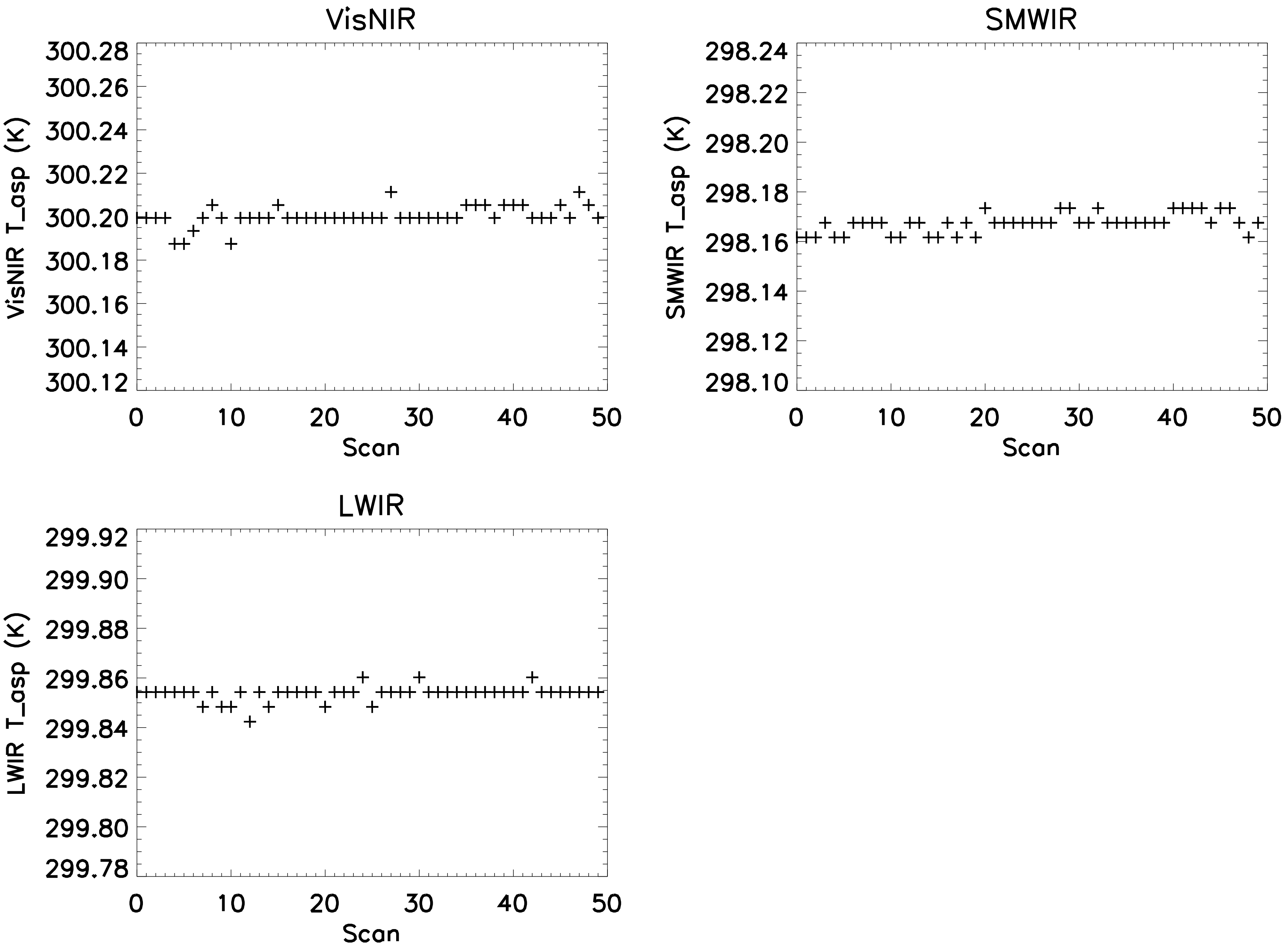


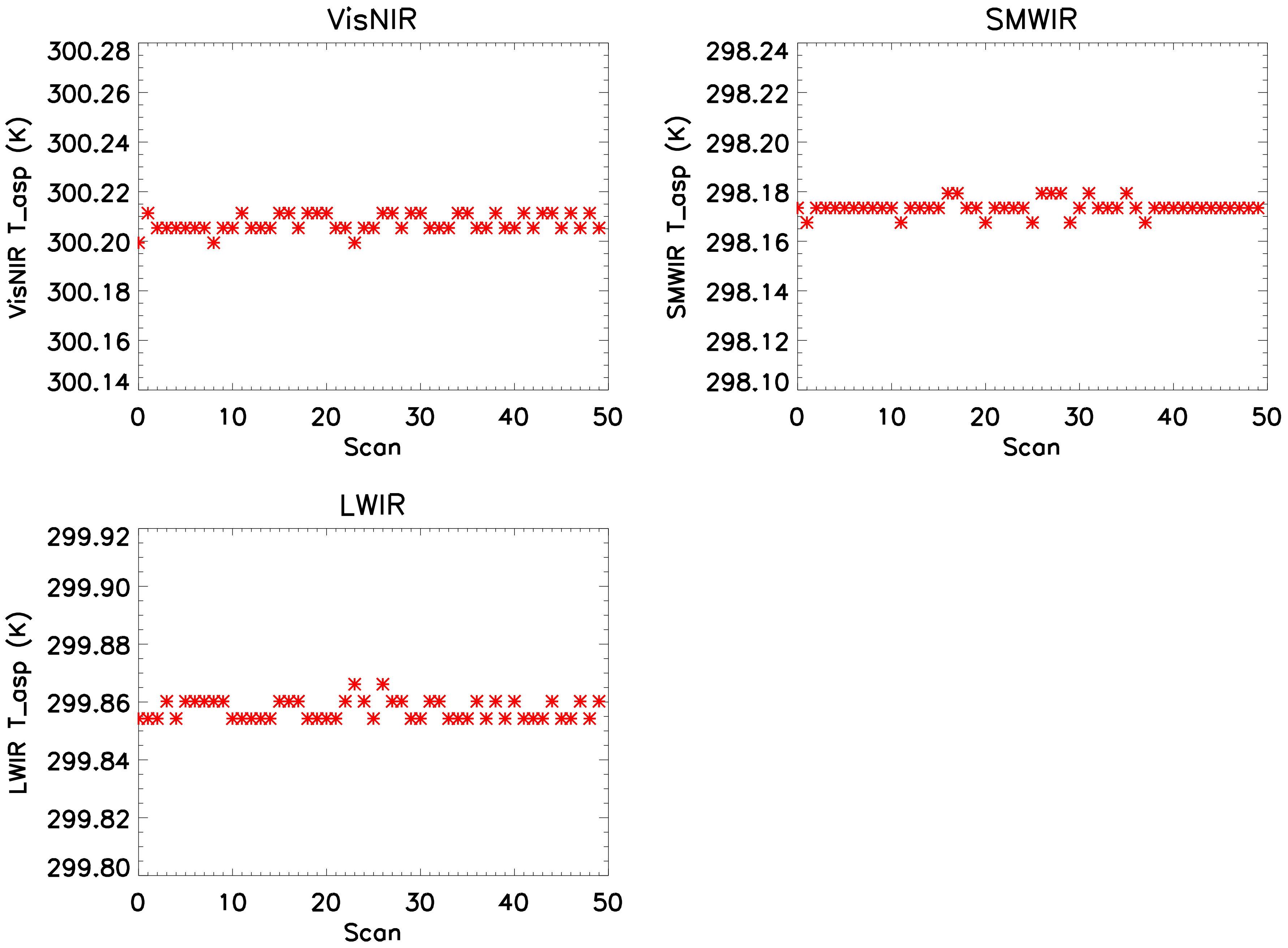
T_asp vs Scan: Collect=83



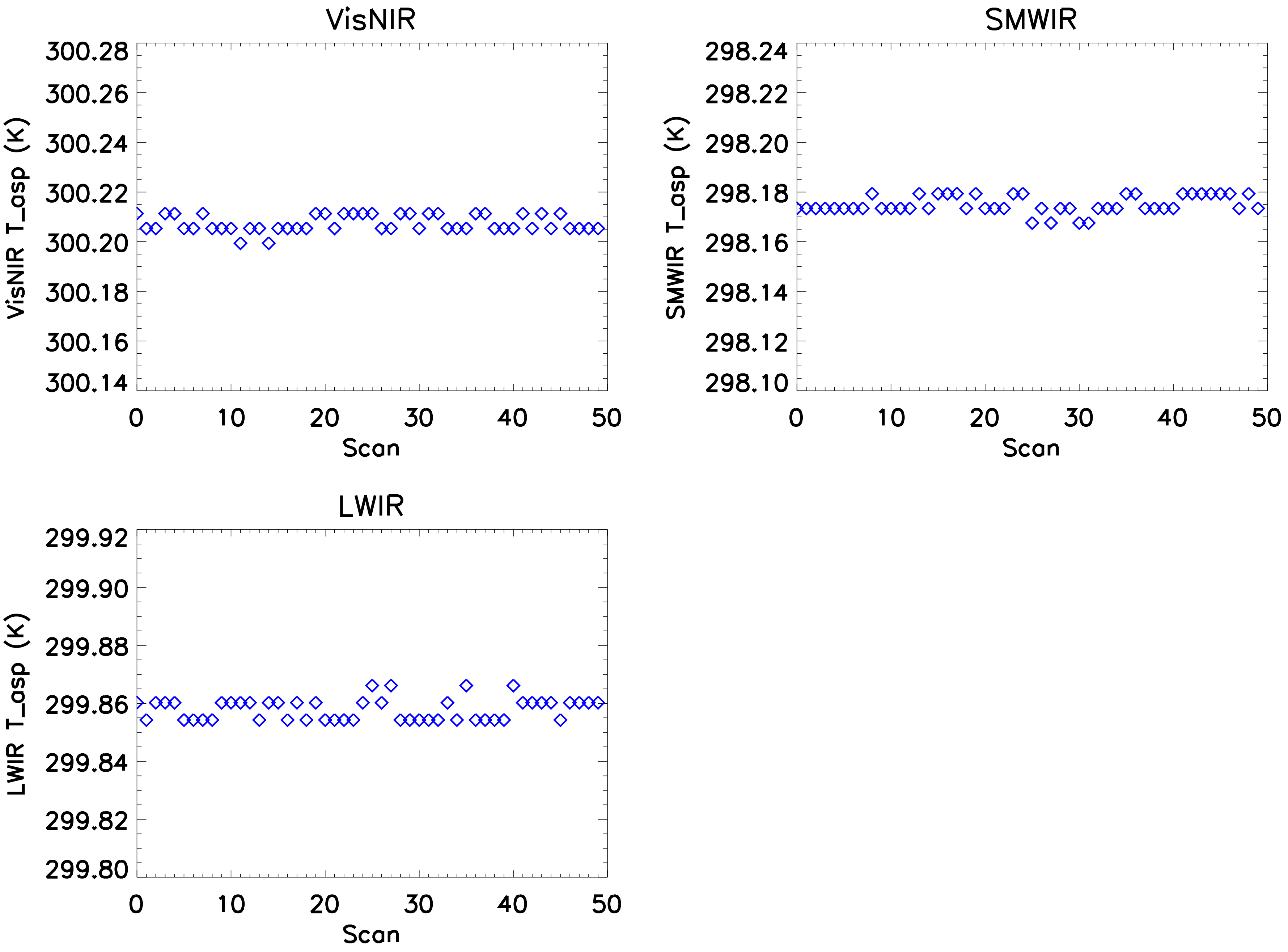

T_asp vs Scan: Collect=84
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.94
299.92
299.90
299.88
299.86
299.84
299.82
299.80
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=85




T_asp vs Scan: Collect=86

T_asp vs Scan: Collect=87

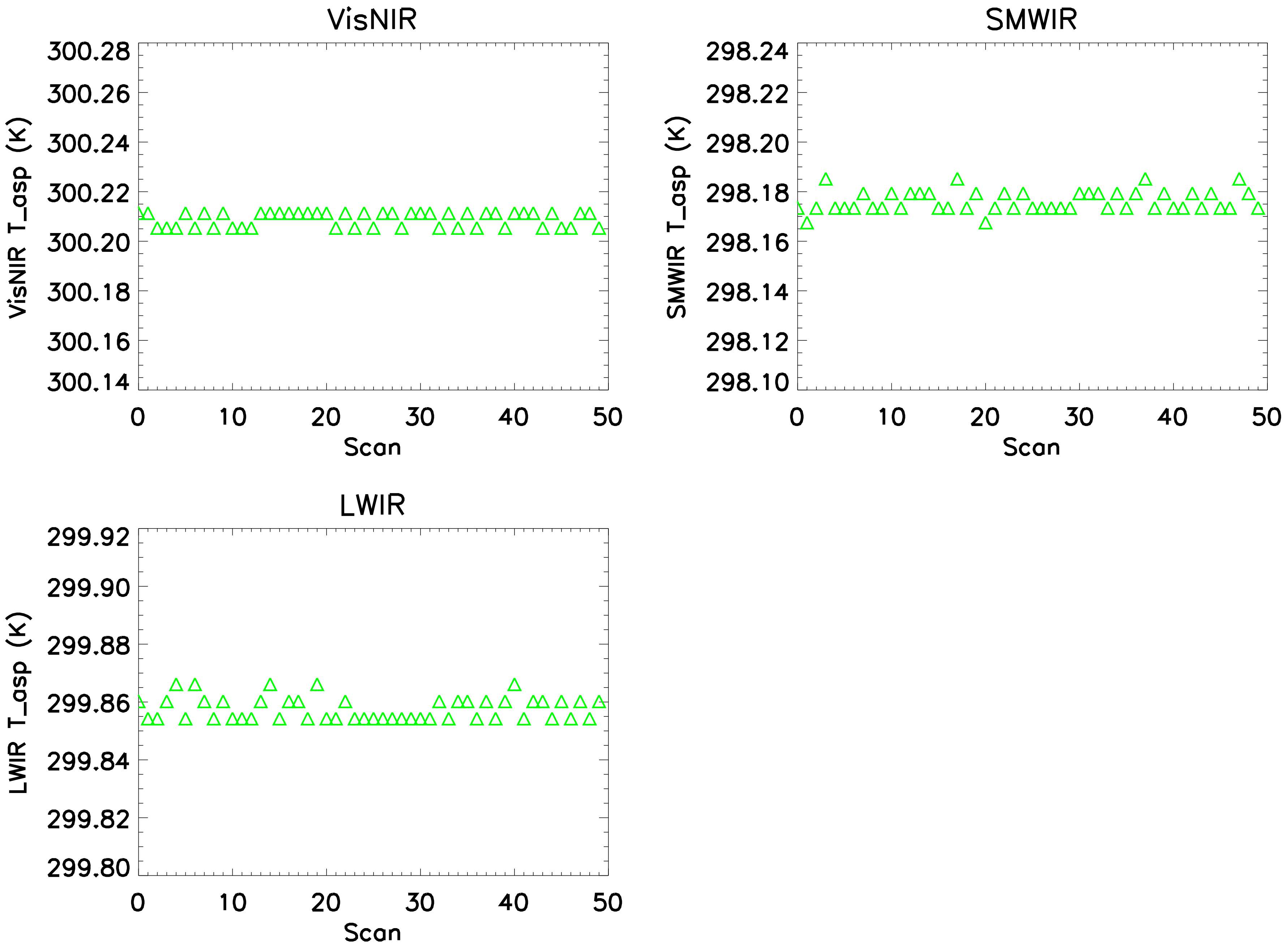


VisNIR

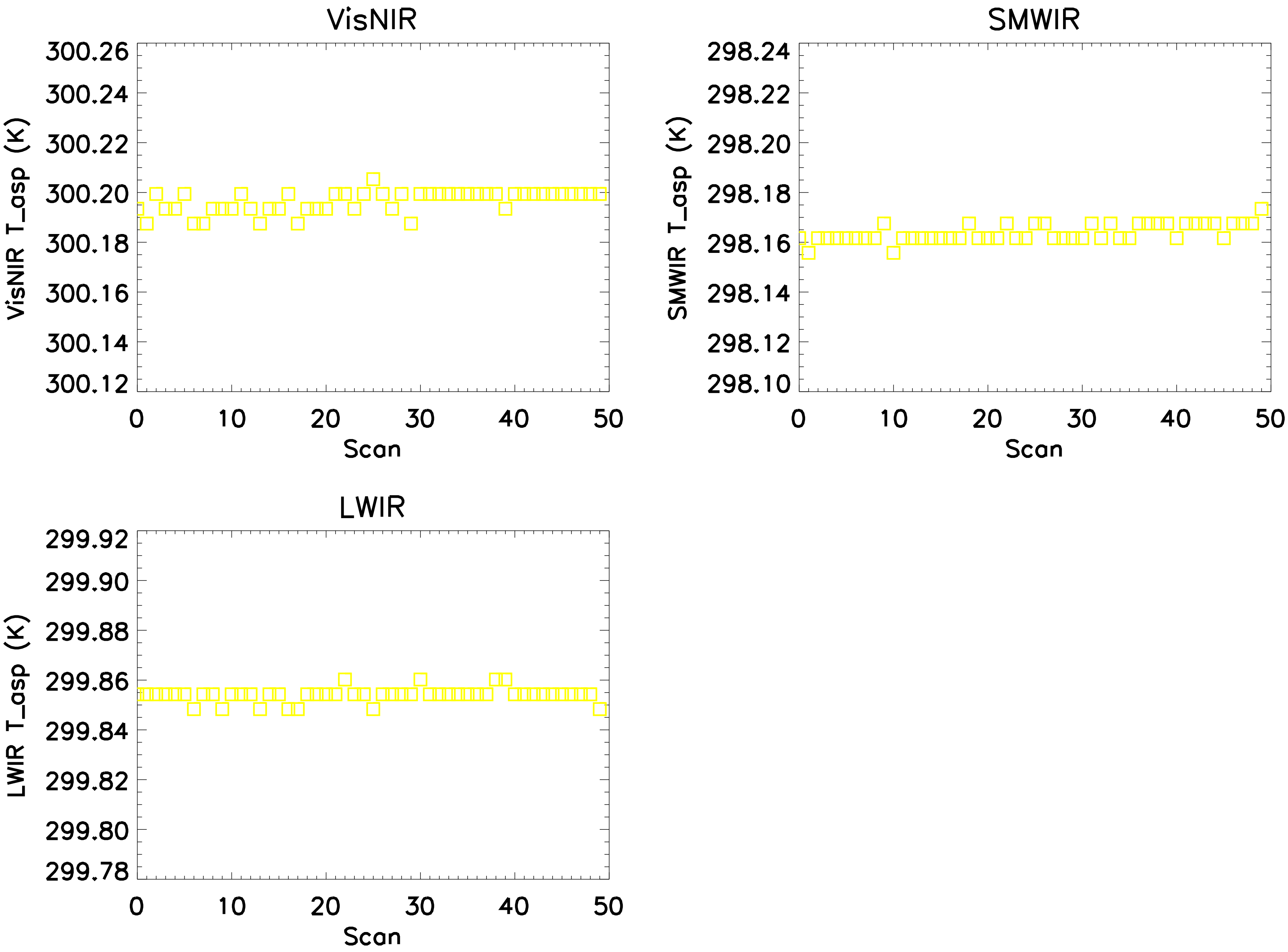
SMWIR

LWIR

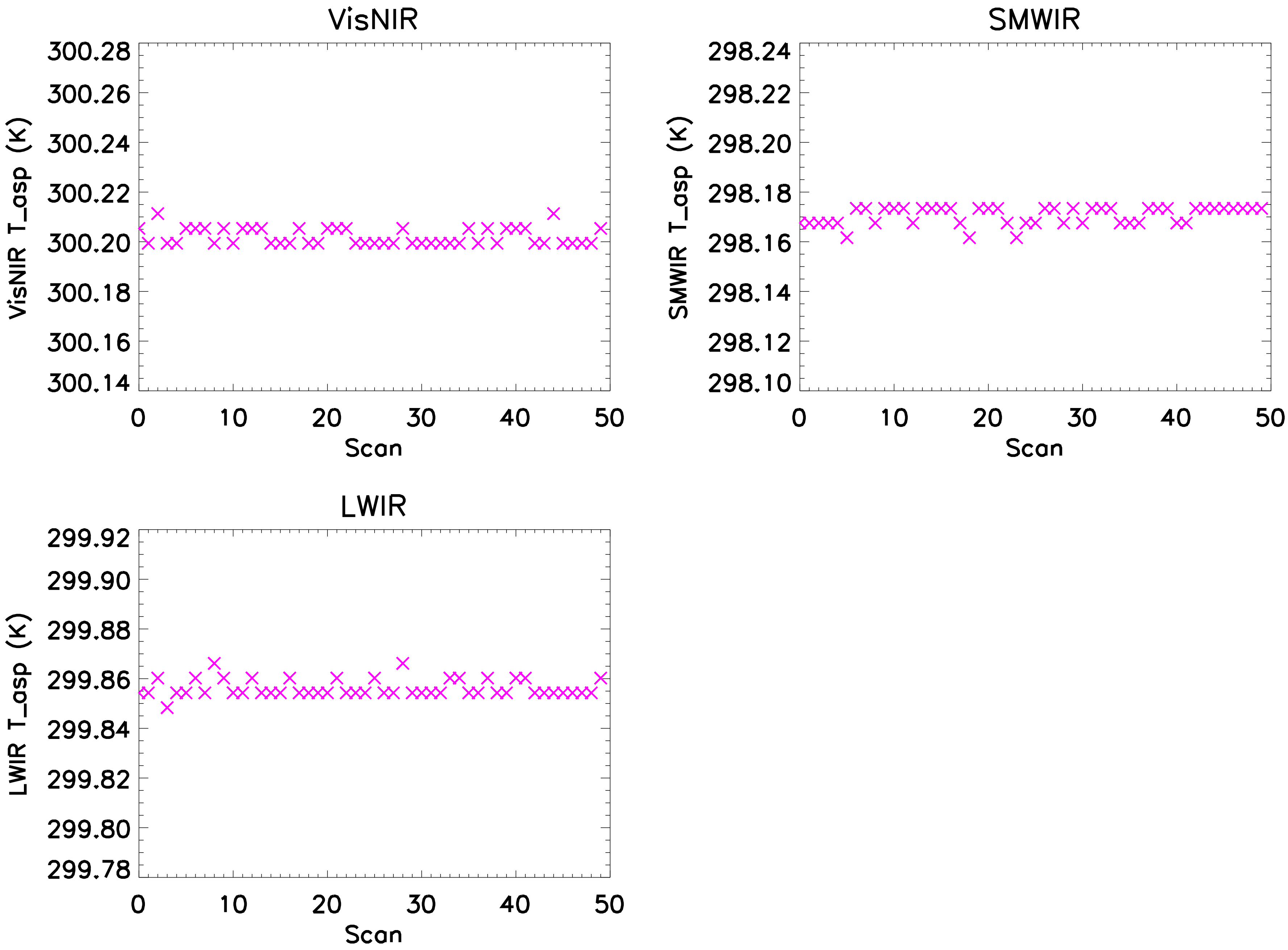
T_asp vs Scan: Collect=88



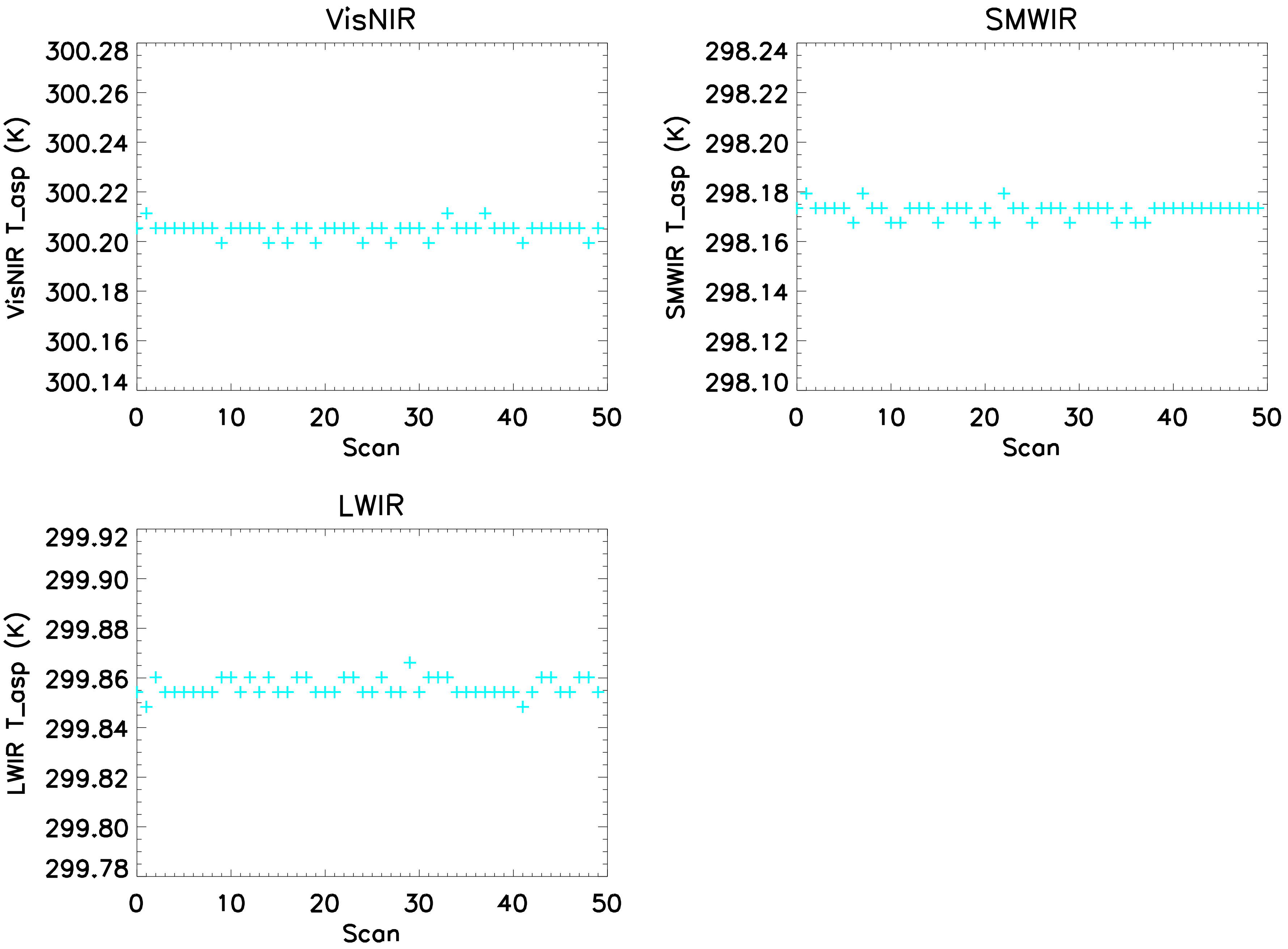
T_asp vs Scan: Collect=89



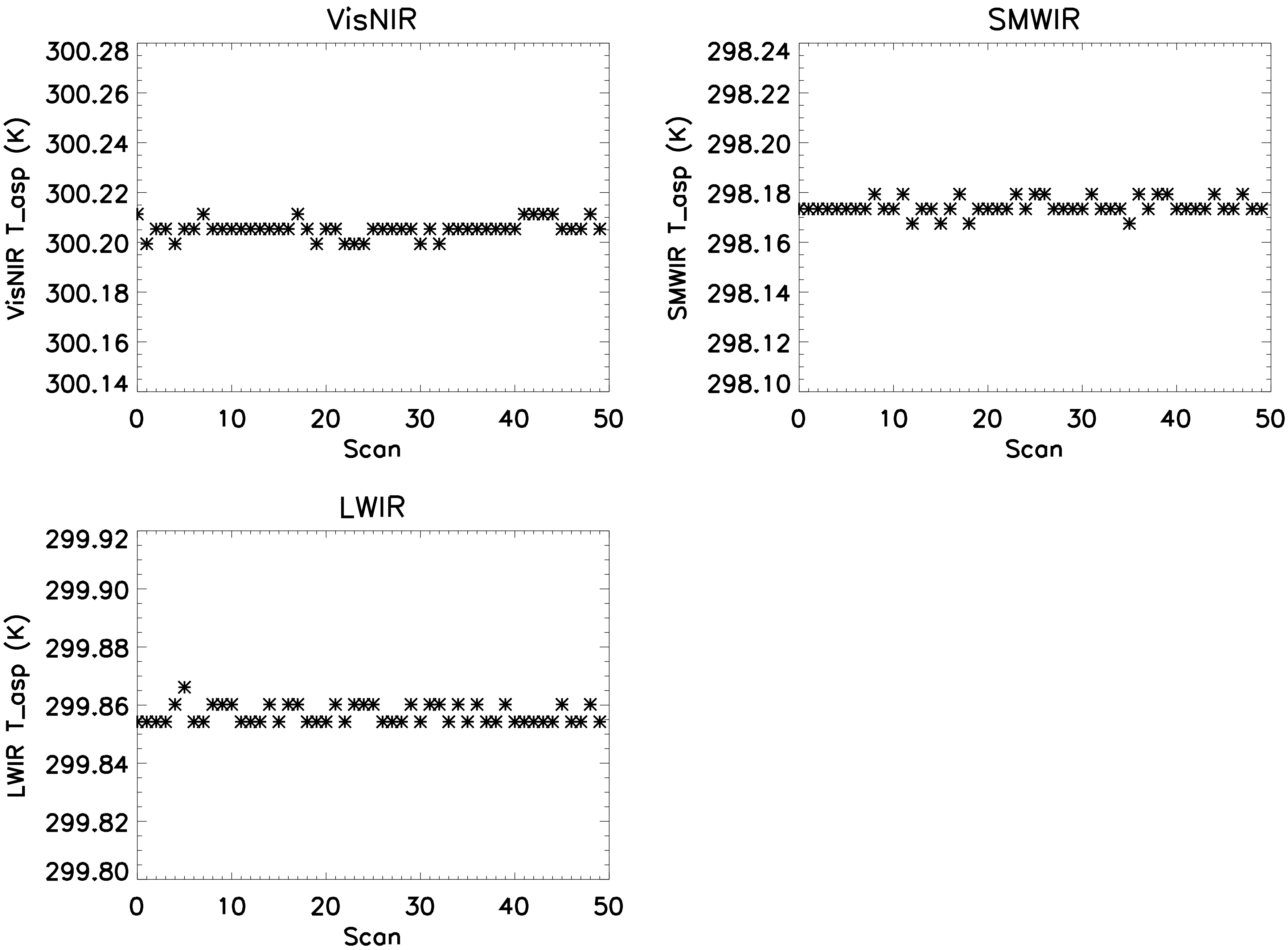
T_asp vs Scan: Collect=90

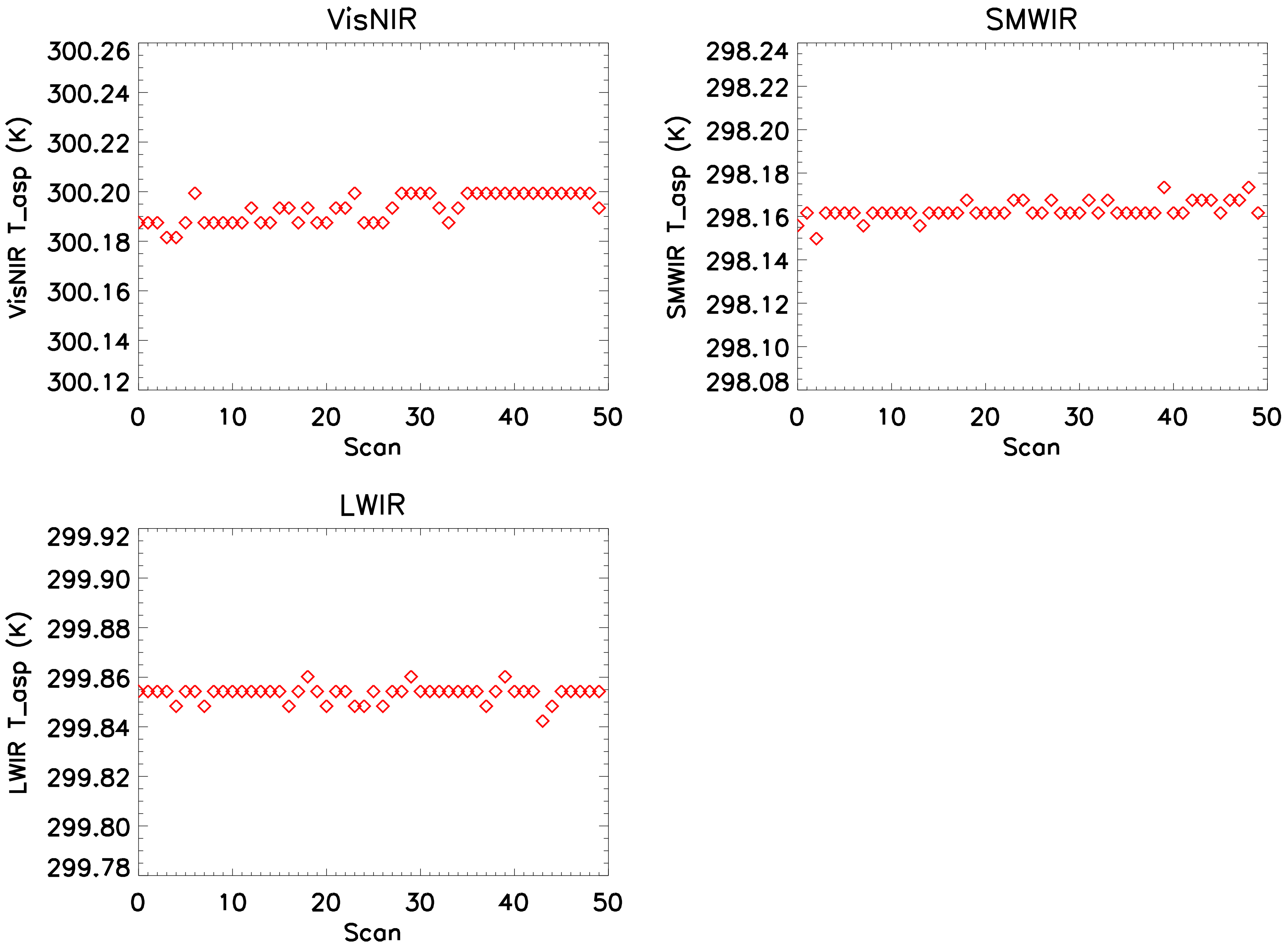


T_asp vs Scan: Collect=91



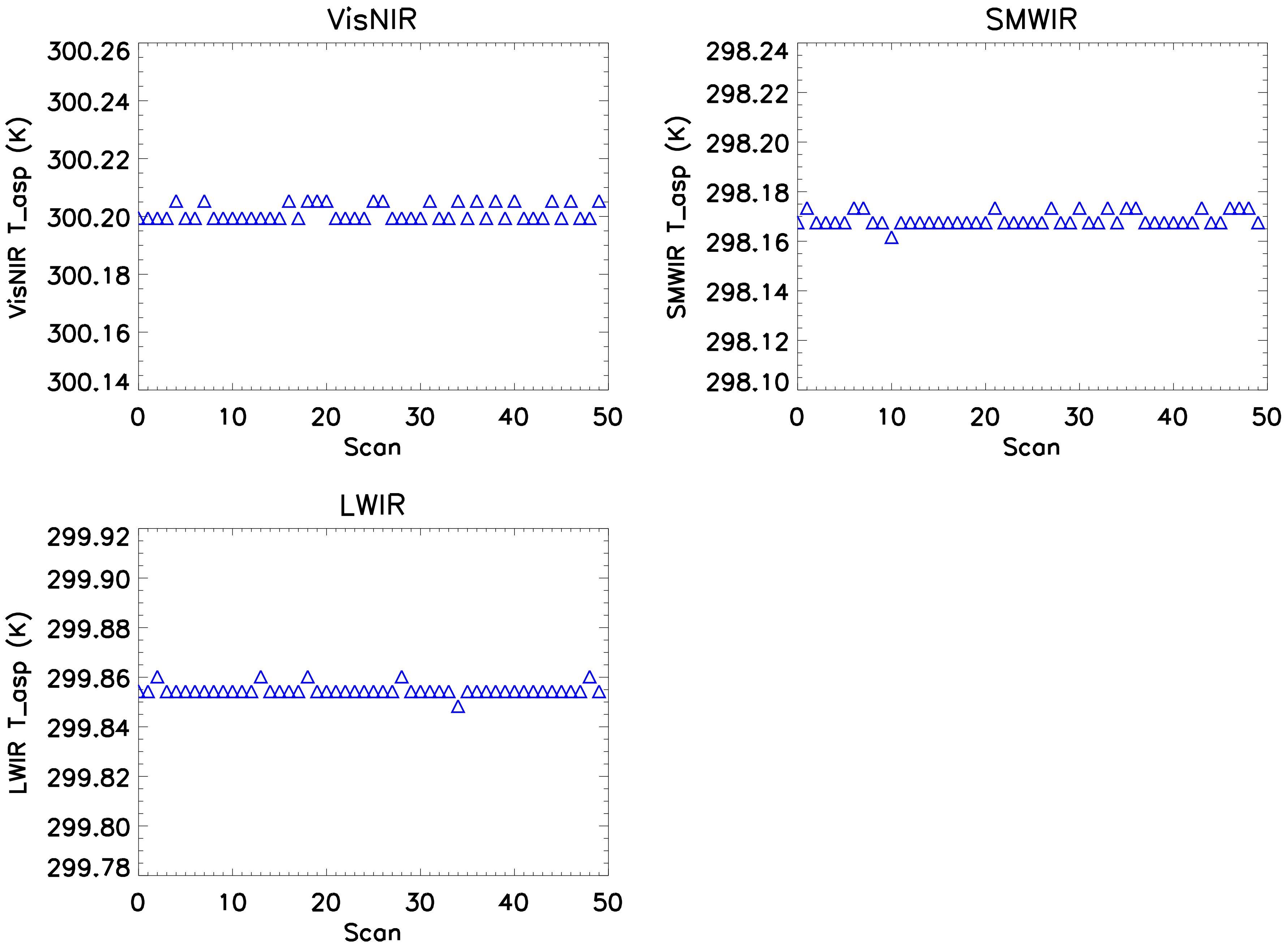
T_asp vs Scan: Collect=92



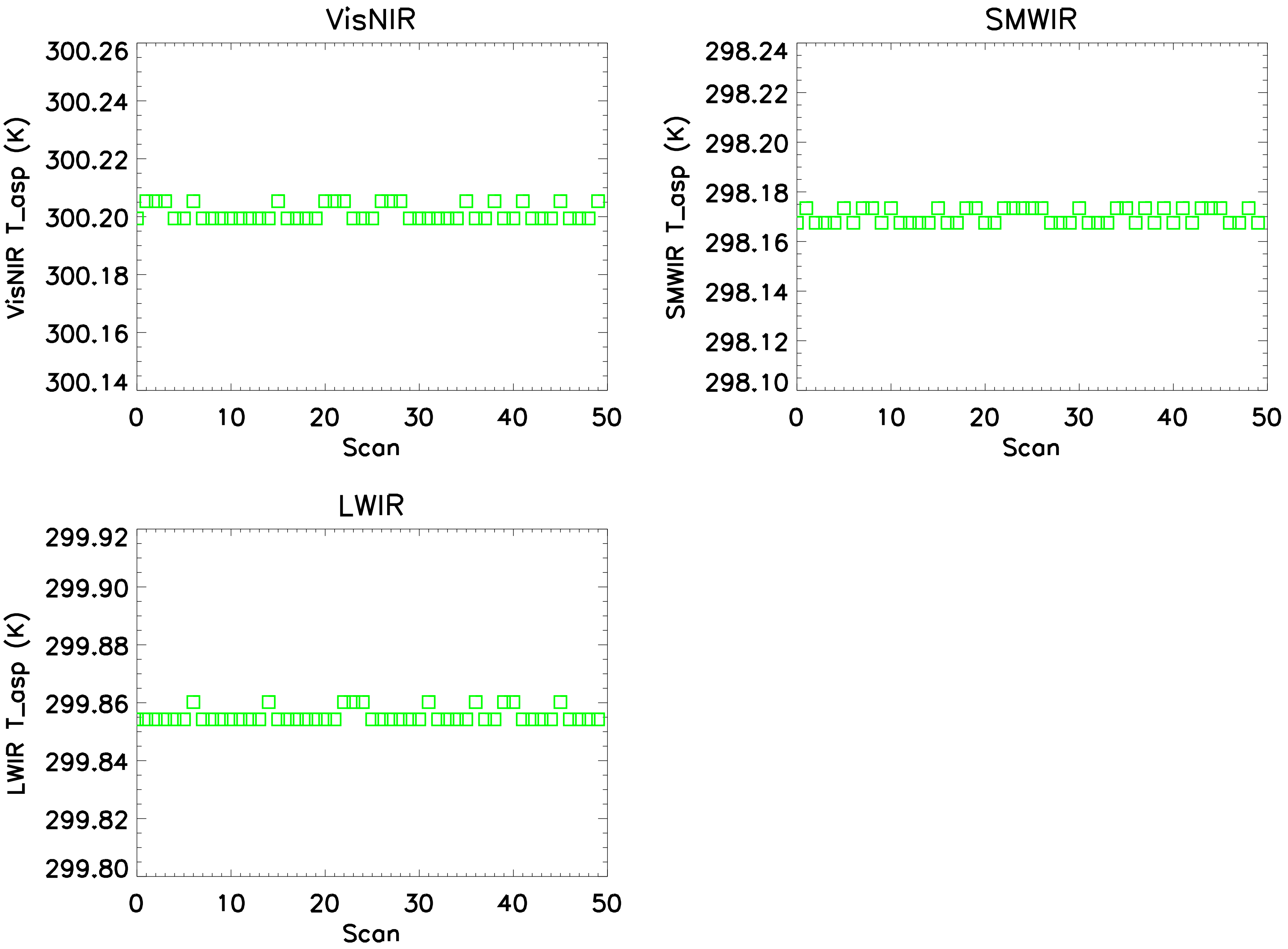


T_asp vs Scan: Collect=93

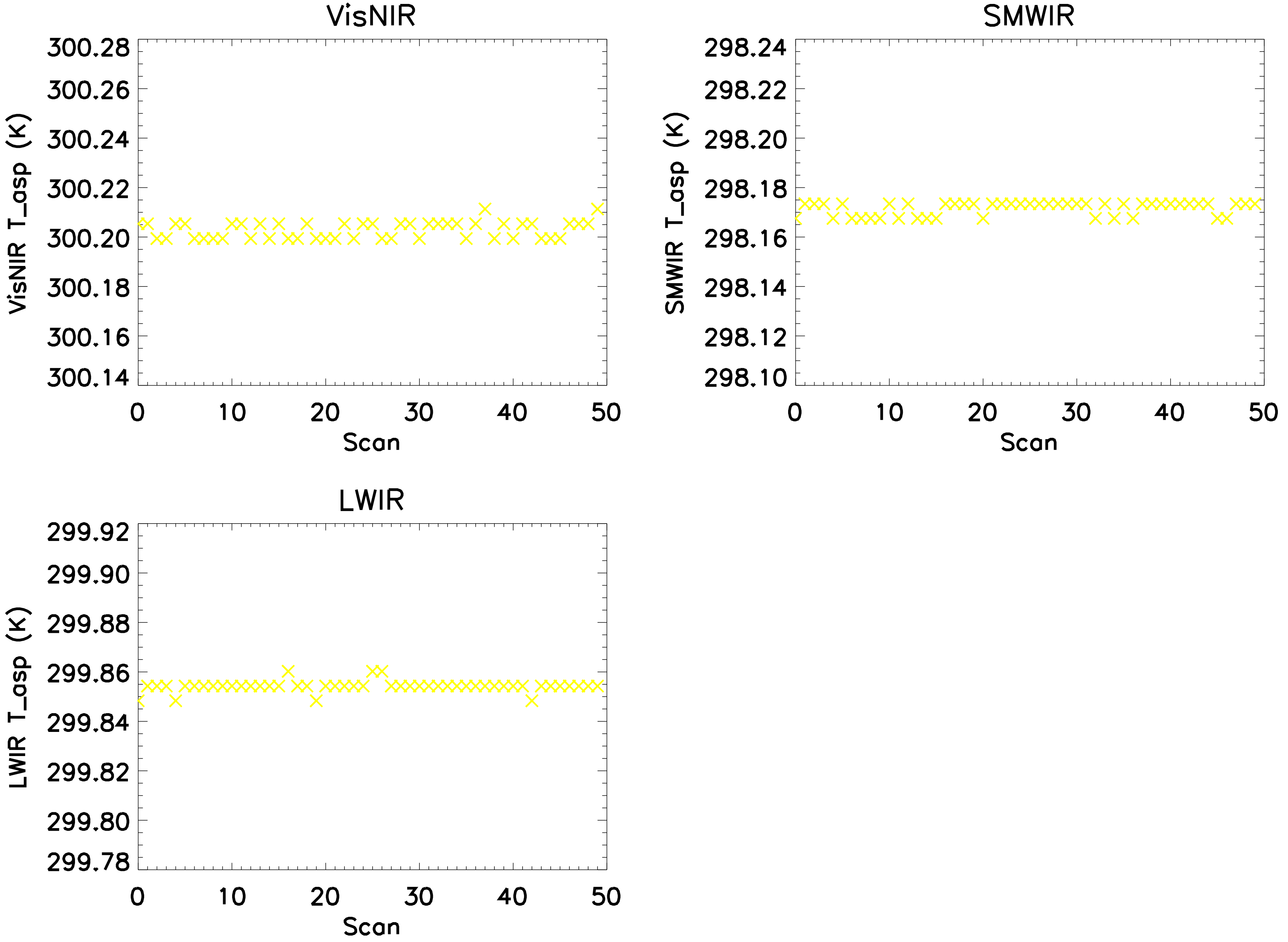
T_asp vs Scan: Collect=94

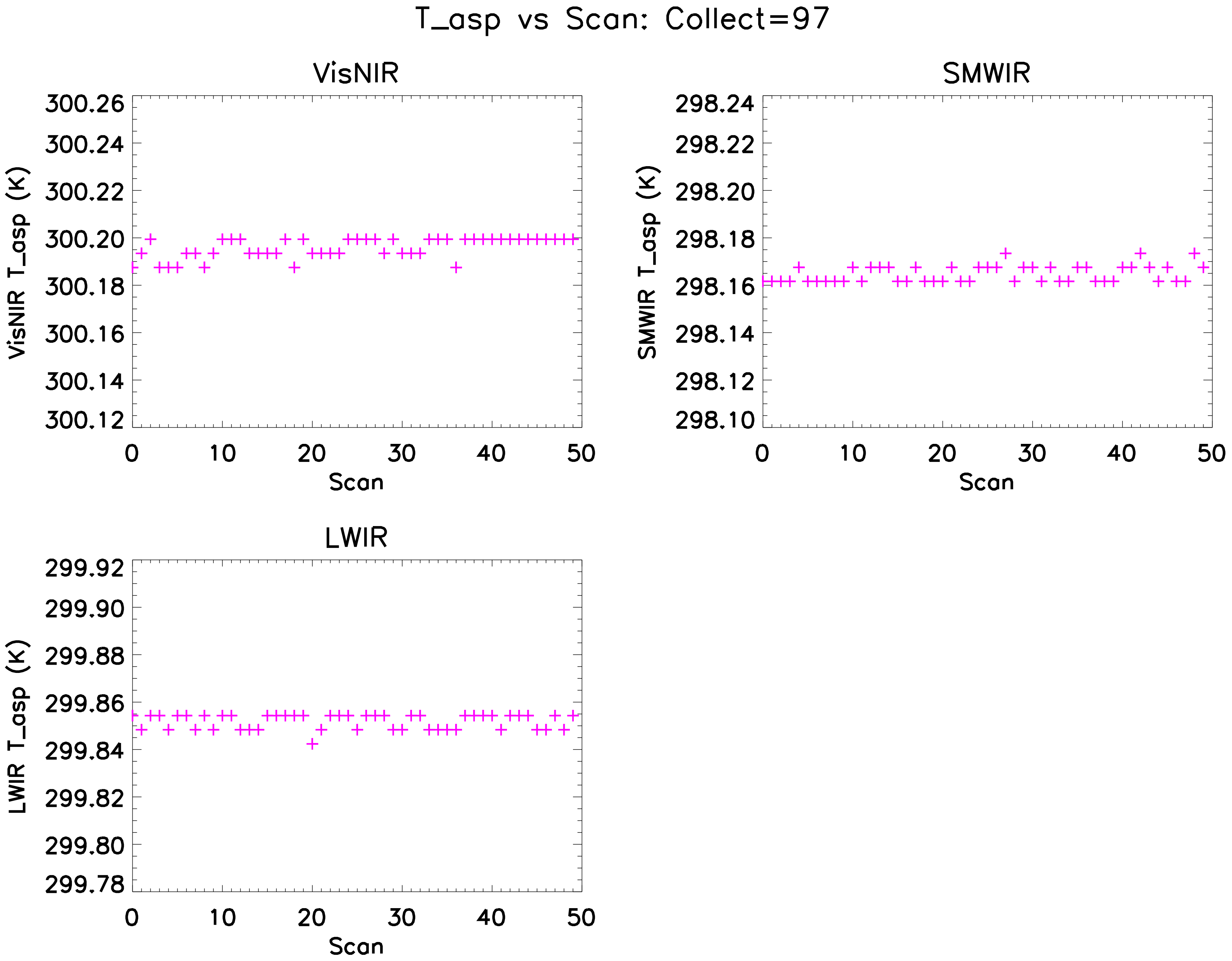


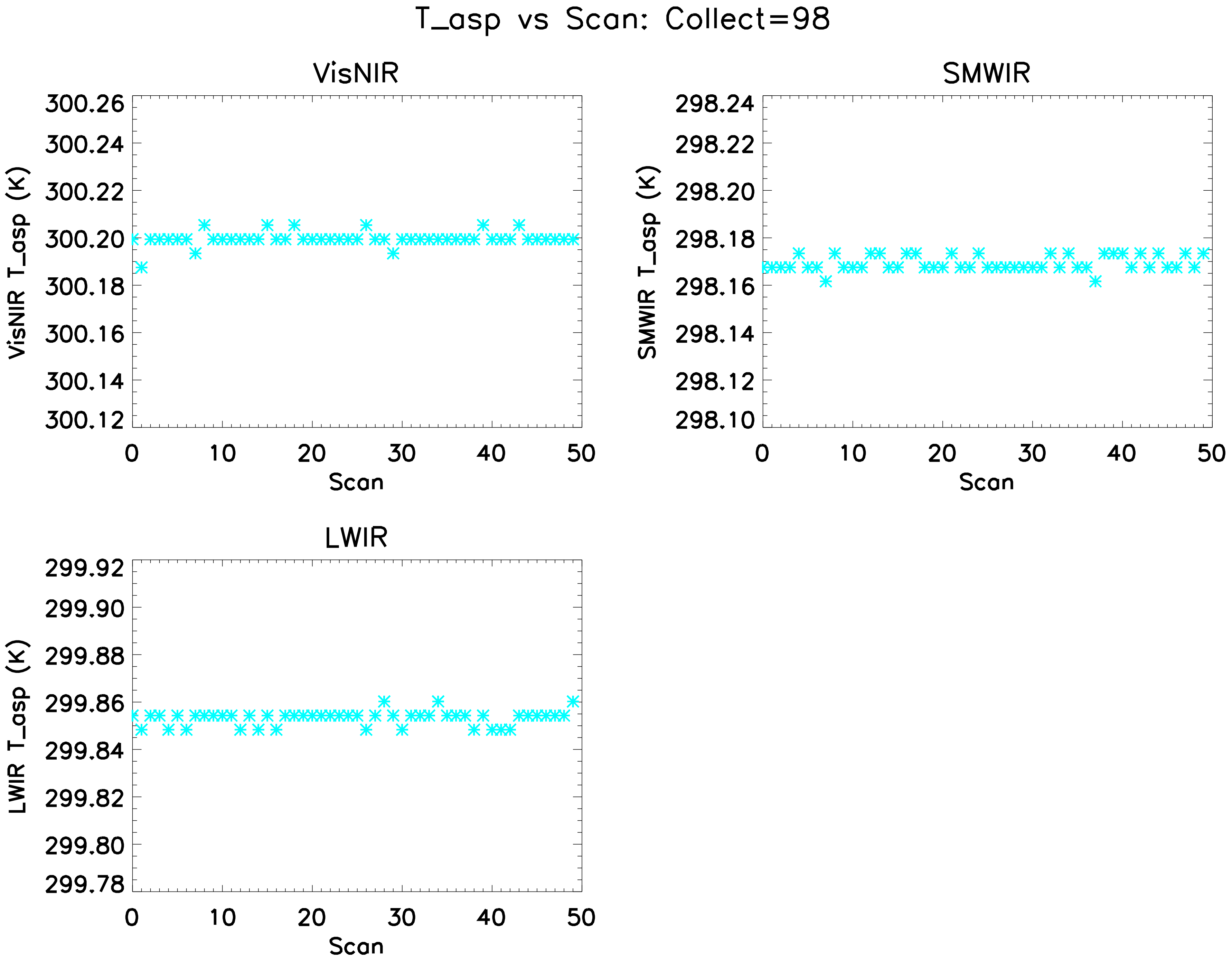
T_asp vs Scan: Collect=95

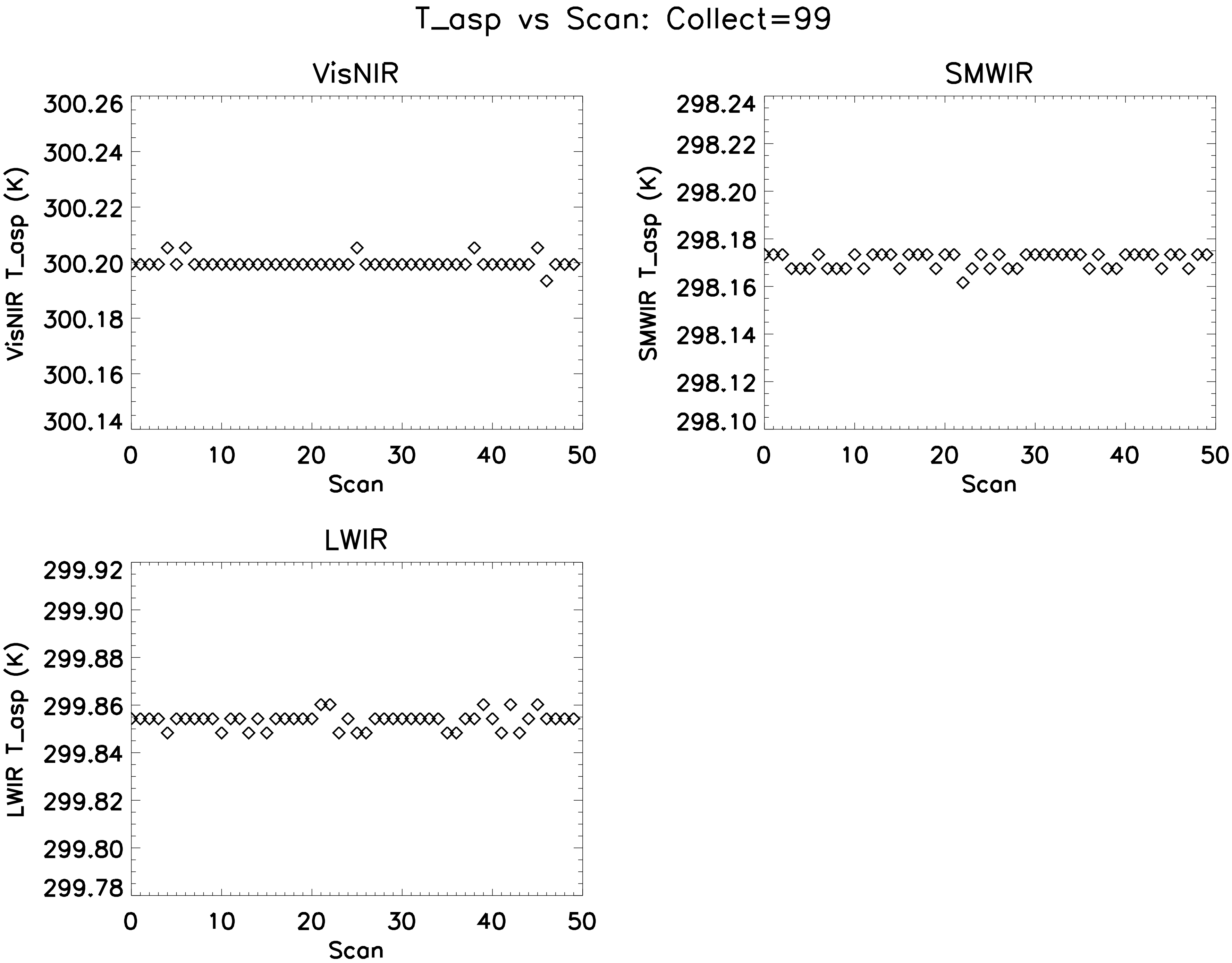


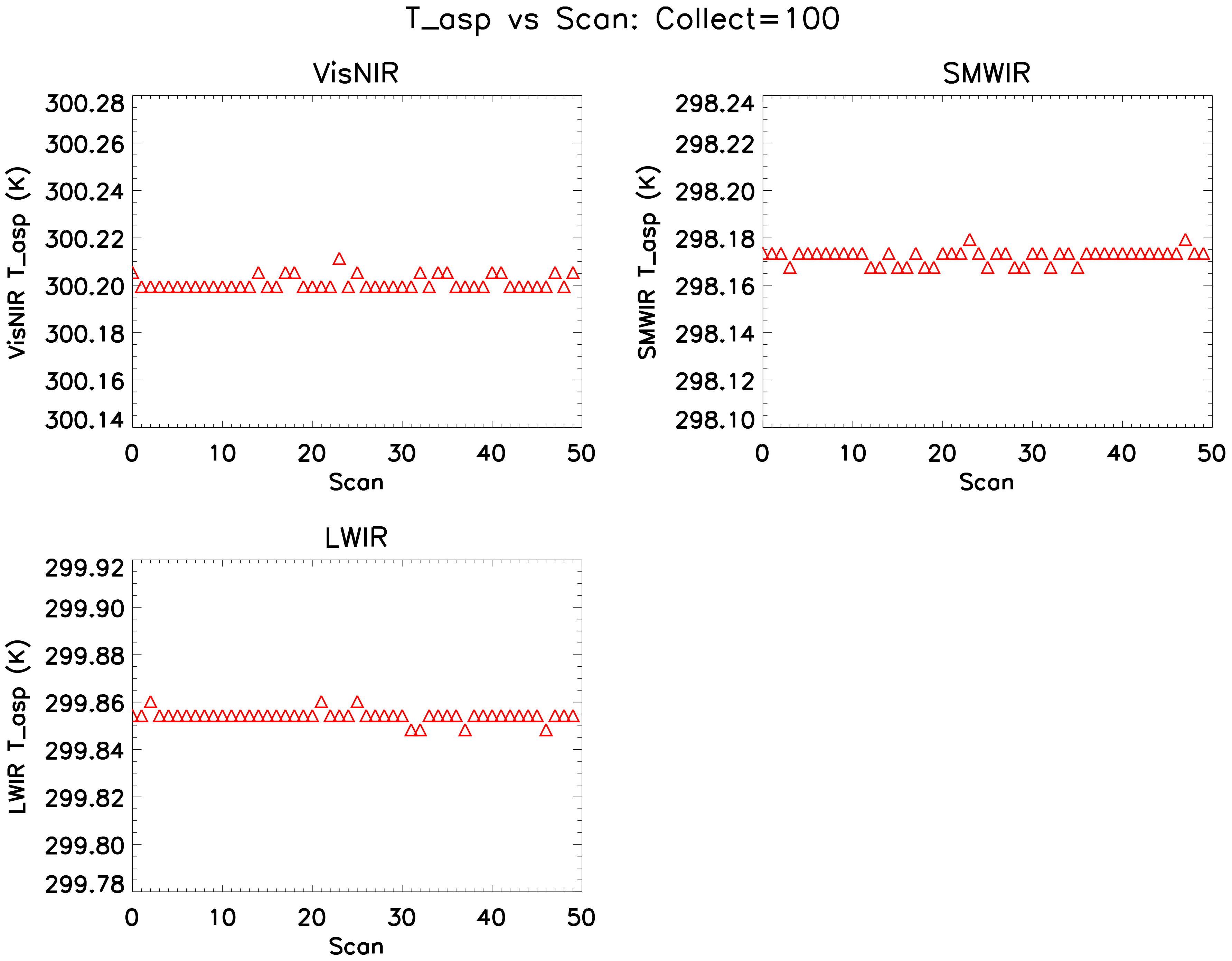
T_asp vs Scan: Collect=96



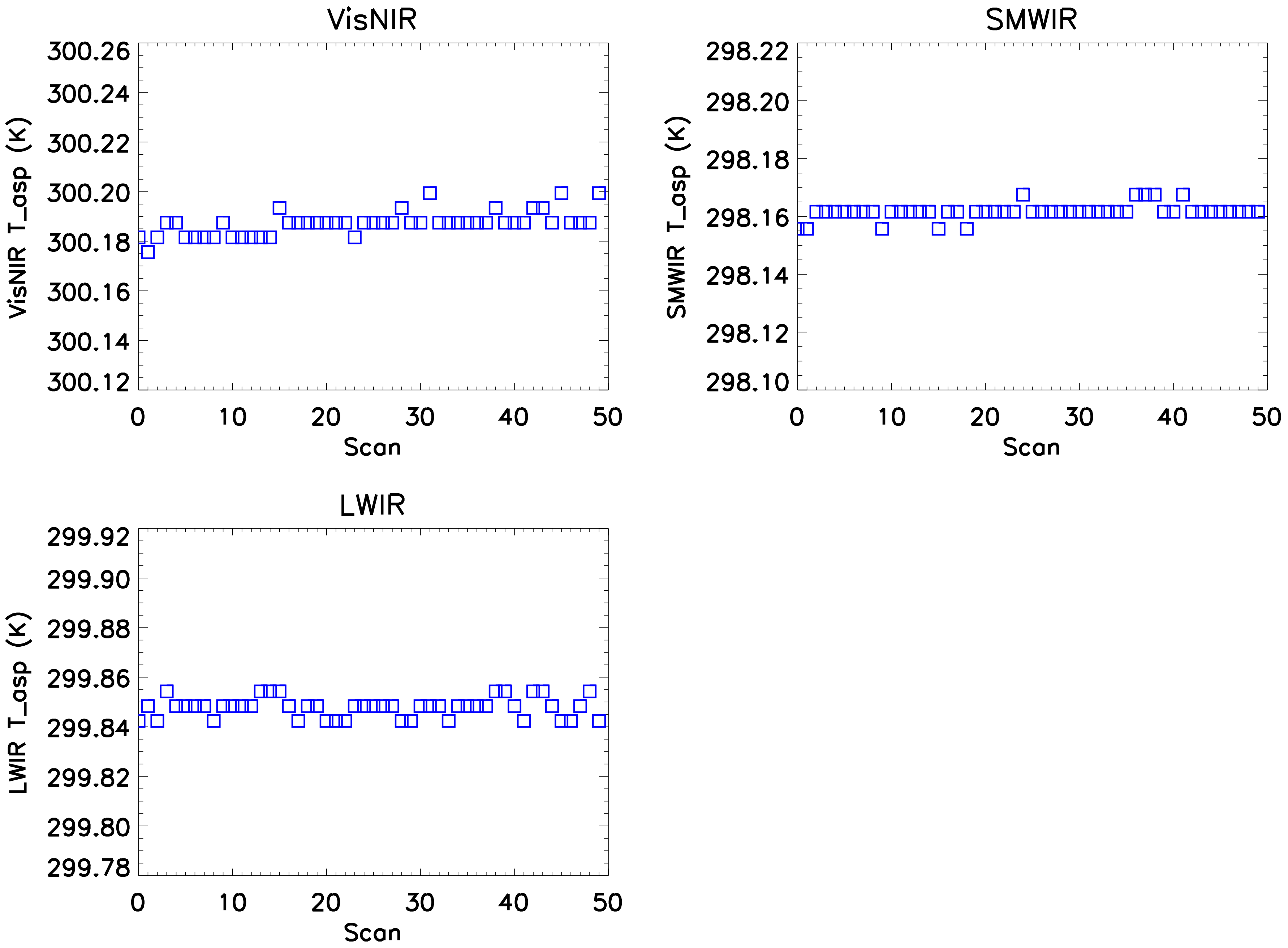

T_asp vs Scan: Collect=97
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

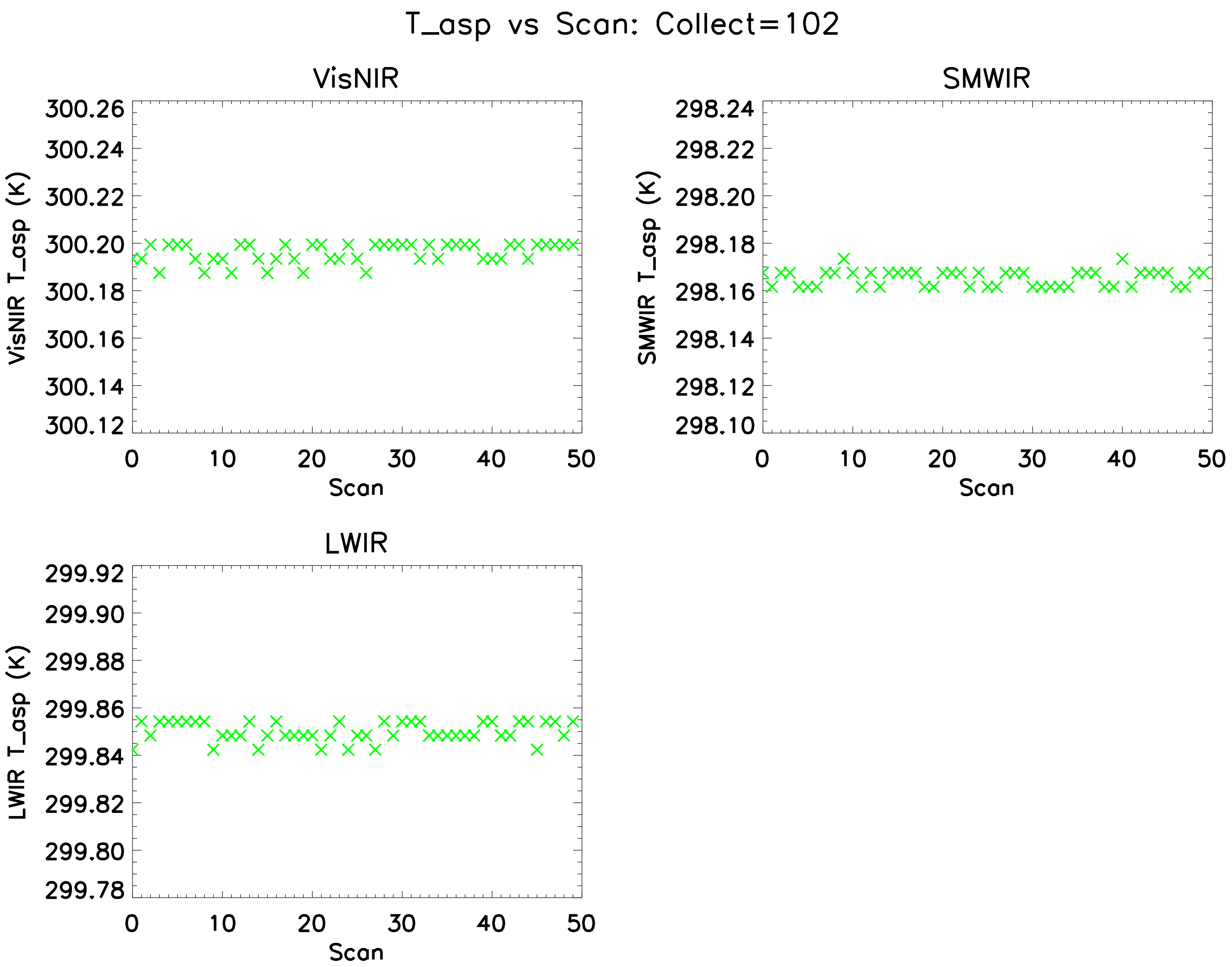

T_asp vs Scan: Collect=98
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=99
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

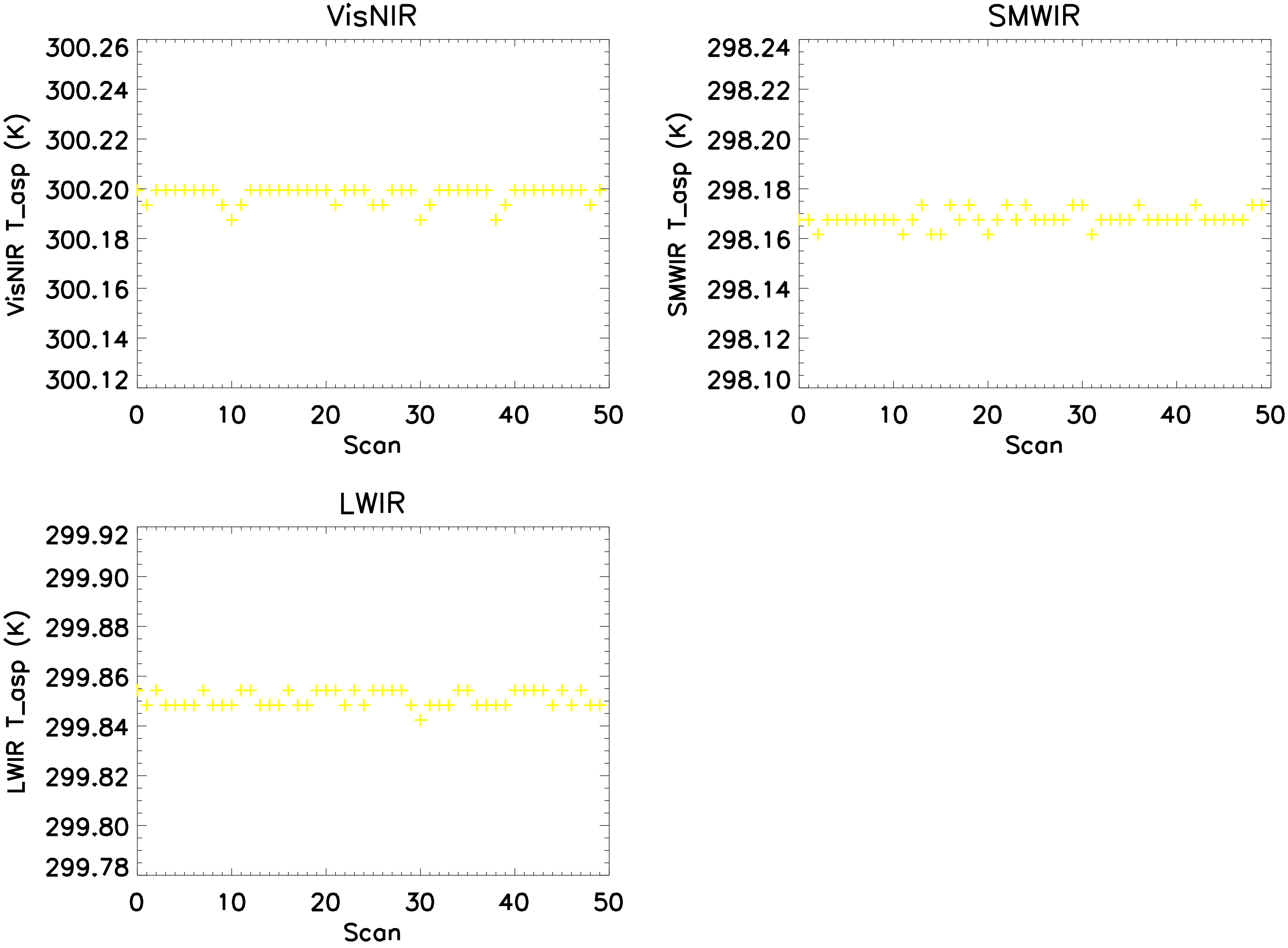

T_asp vs Scan: Collect=100
VisNIR
VisNIR T_asp (K)
300.28
300.26
300.24
300.22
300.20
300.18
300.16
300.14
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=101

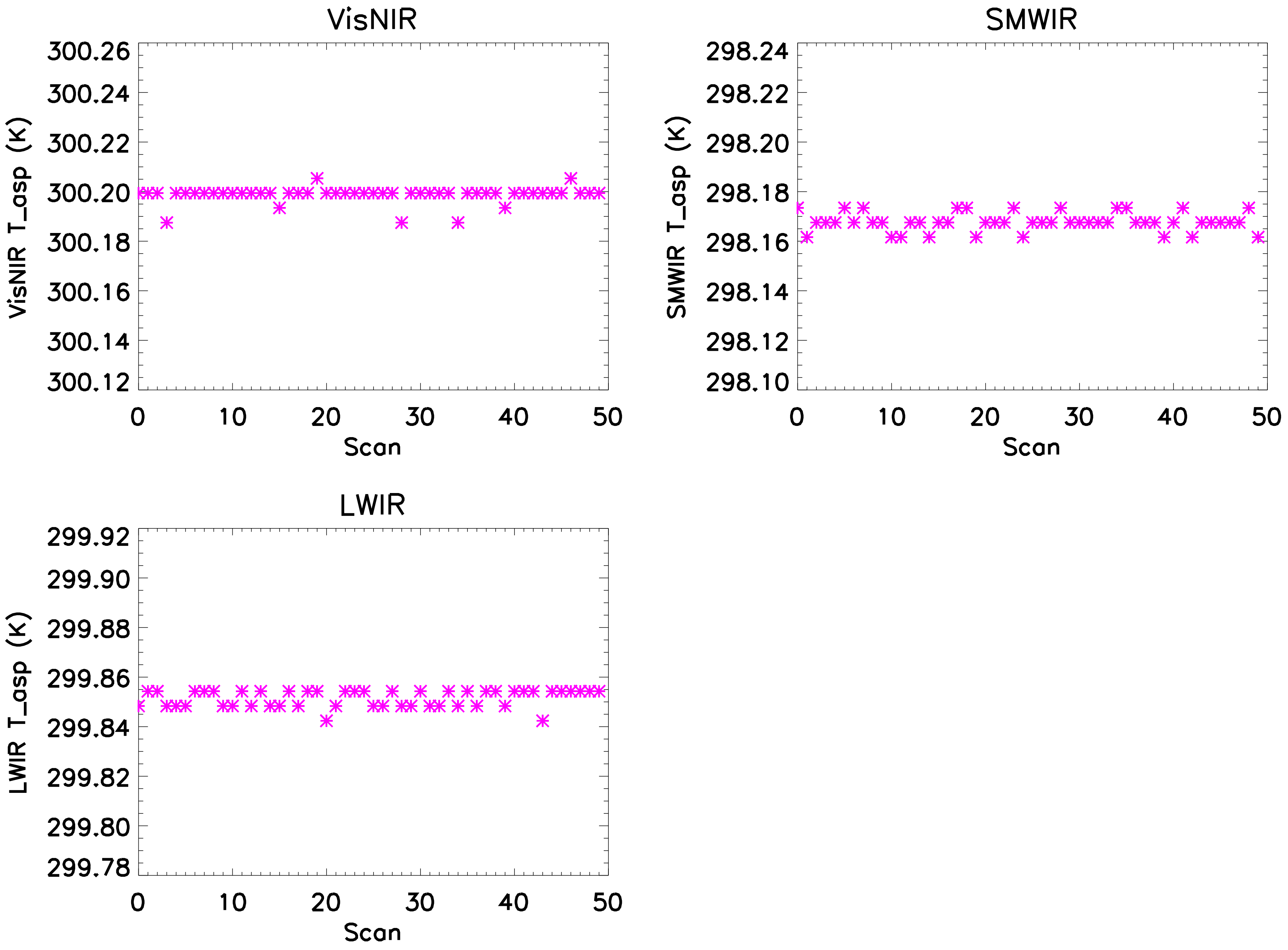


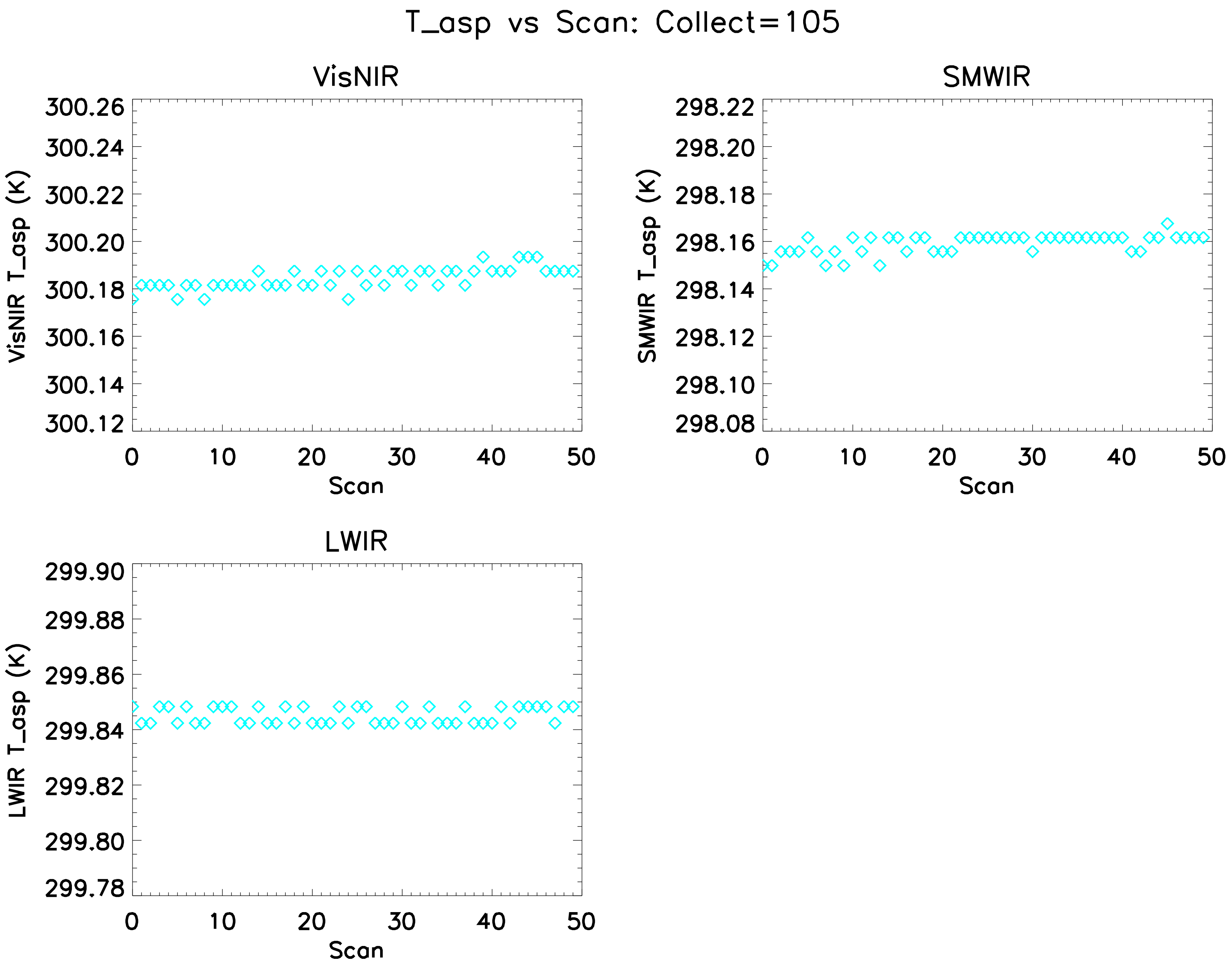

T_asp vs Scan: Collect=102
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=103

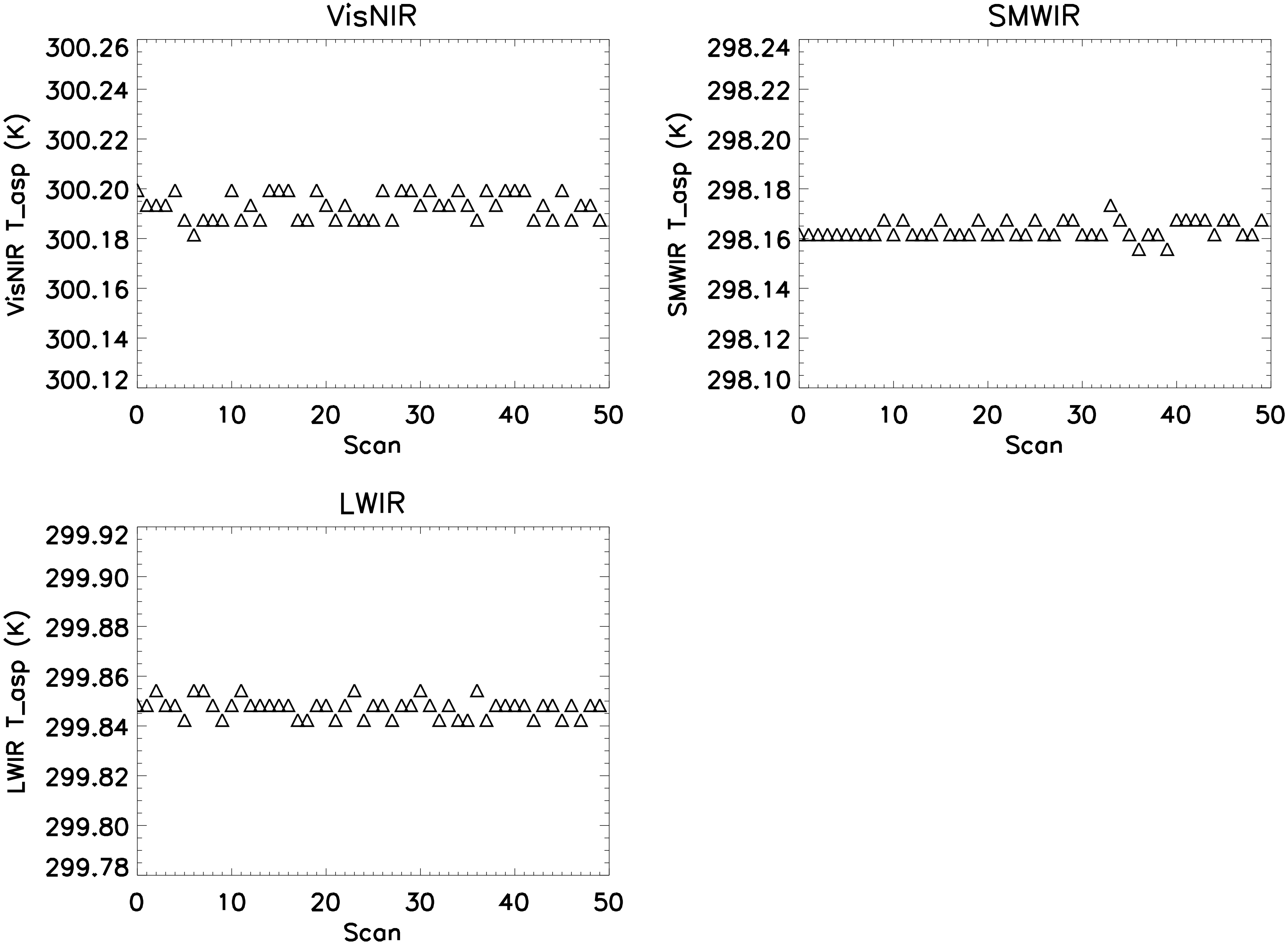


T_asp vs Scan: Collect=104

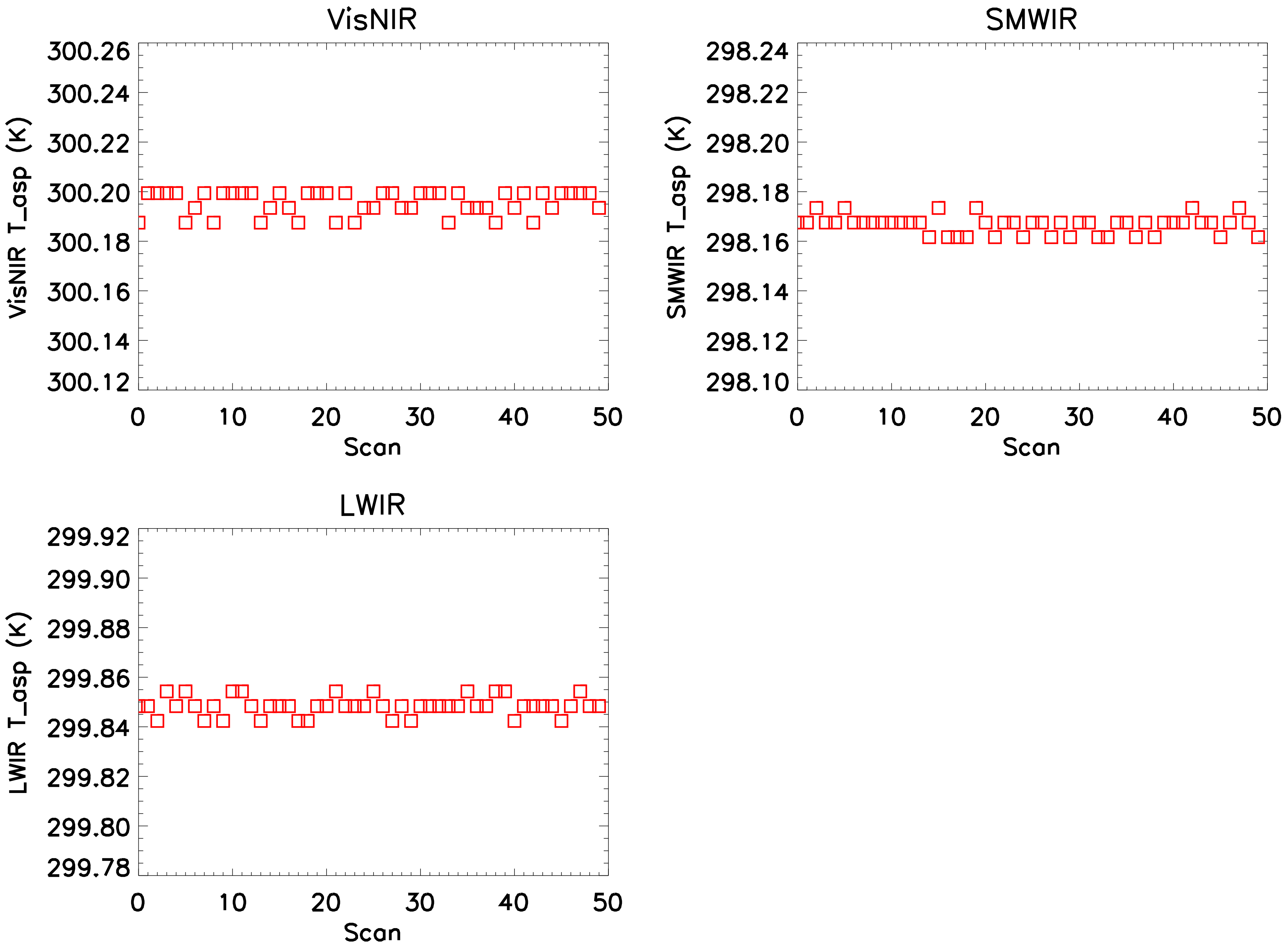


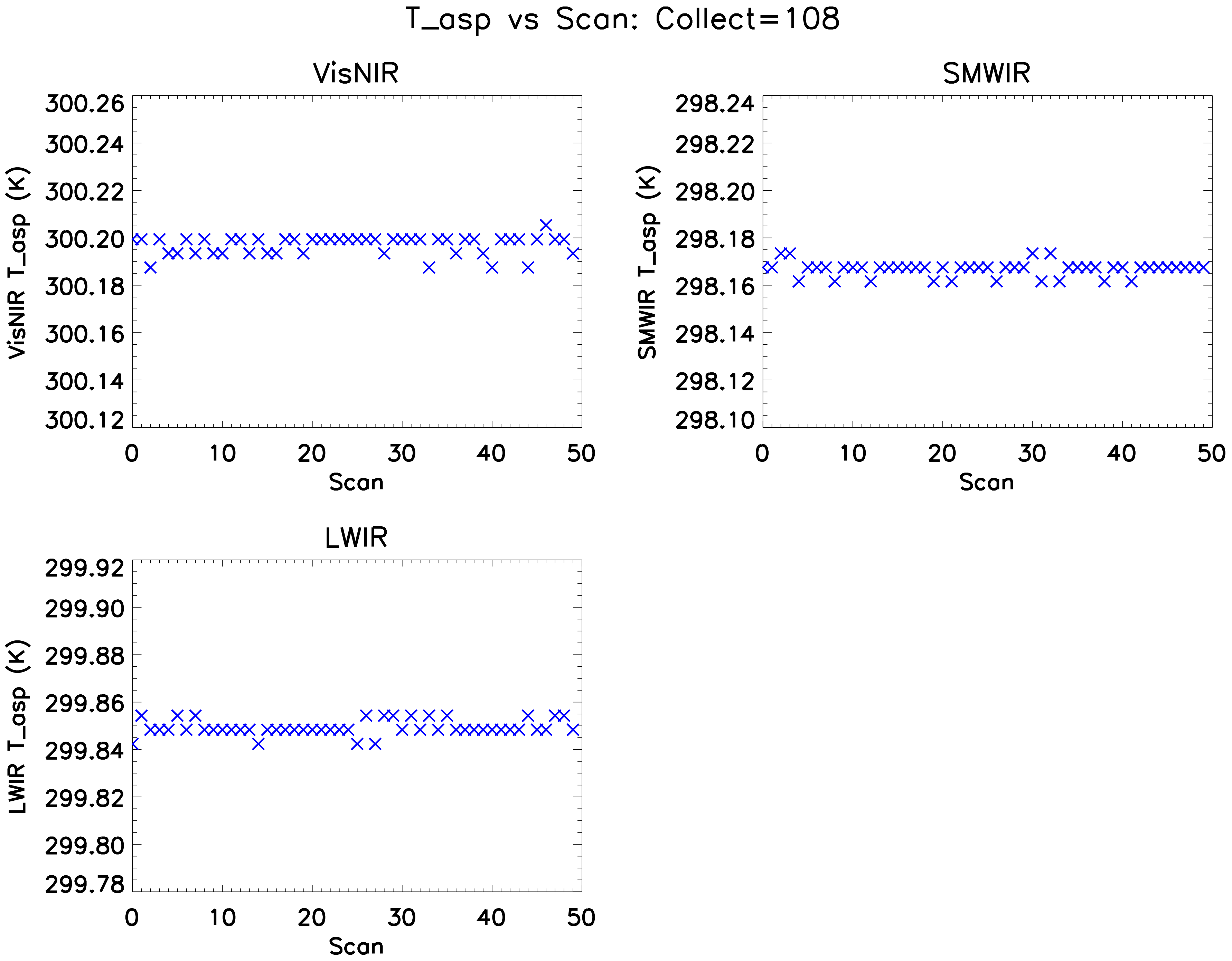

T_asp vs Scan: Collect=105
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

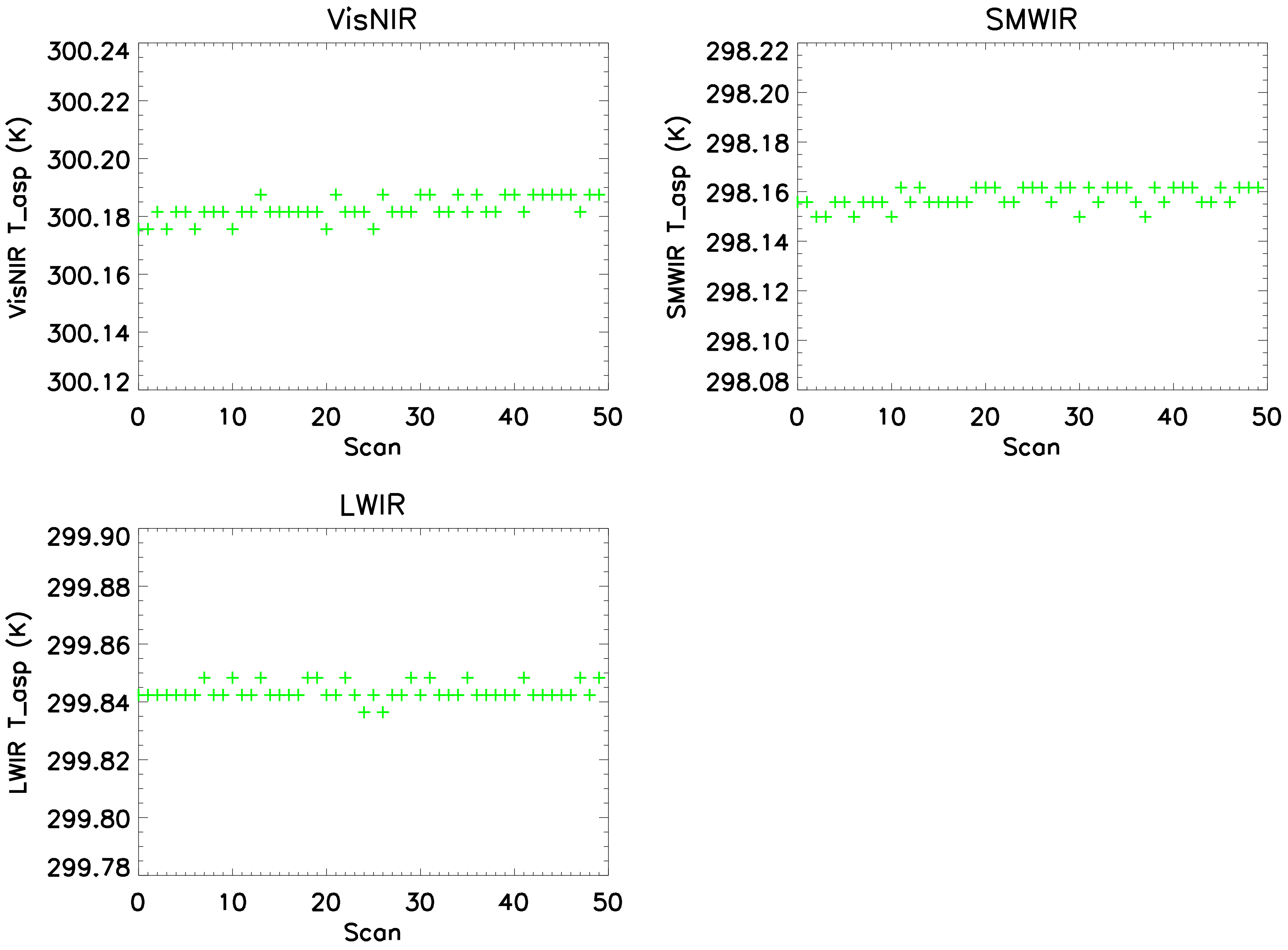
T_asp vs Scan: Collect=106



T_asp vs Scan: Collect=107

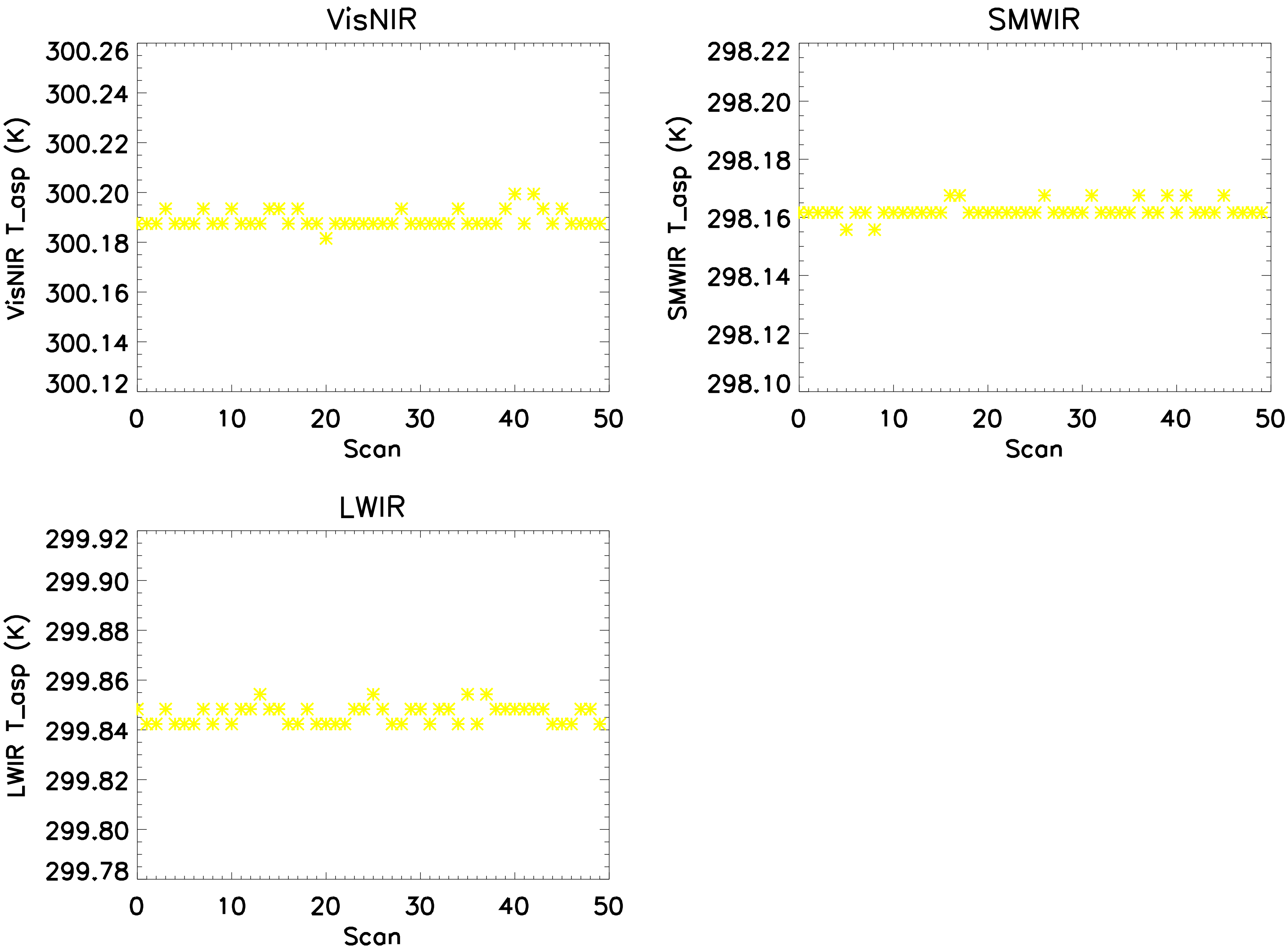


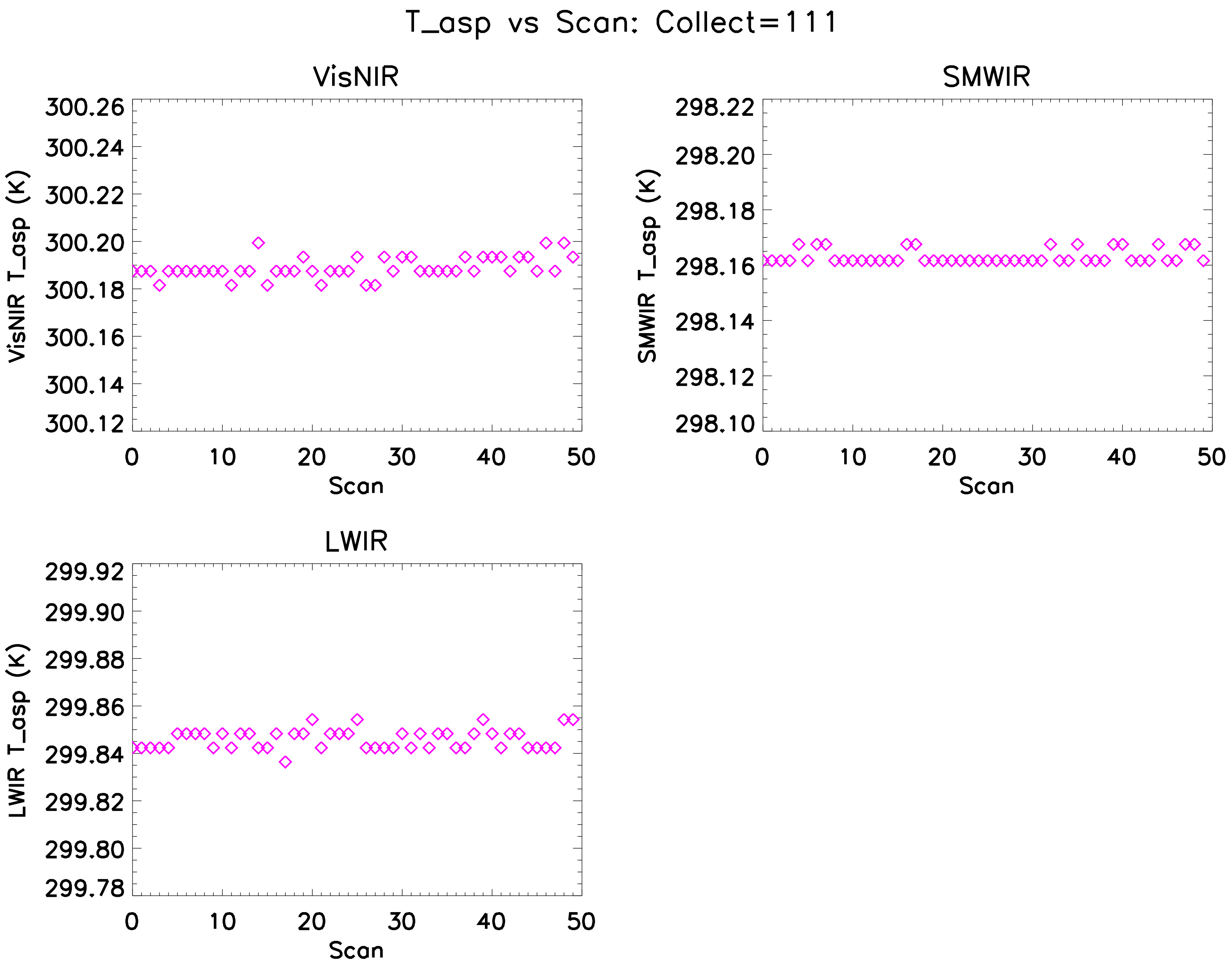

T_asp vs Scan: Collect=108
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
SMWIR
SMWIR T_asp (K)
298.24
298.22
298.20
298.18
298.16
298.14
298.12
298.10
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

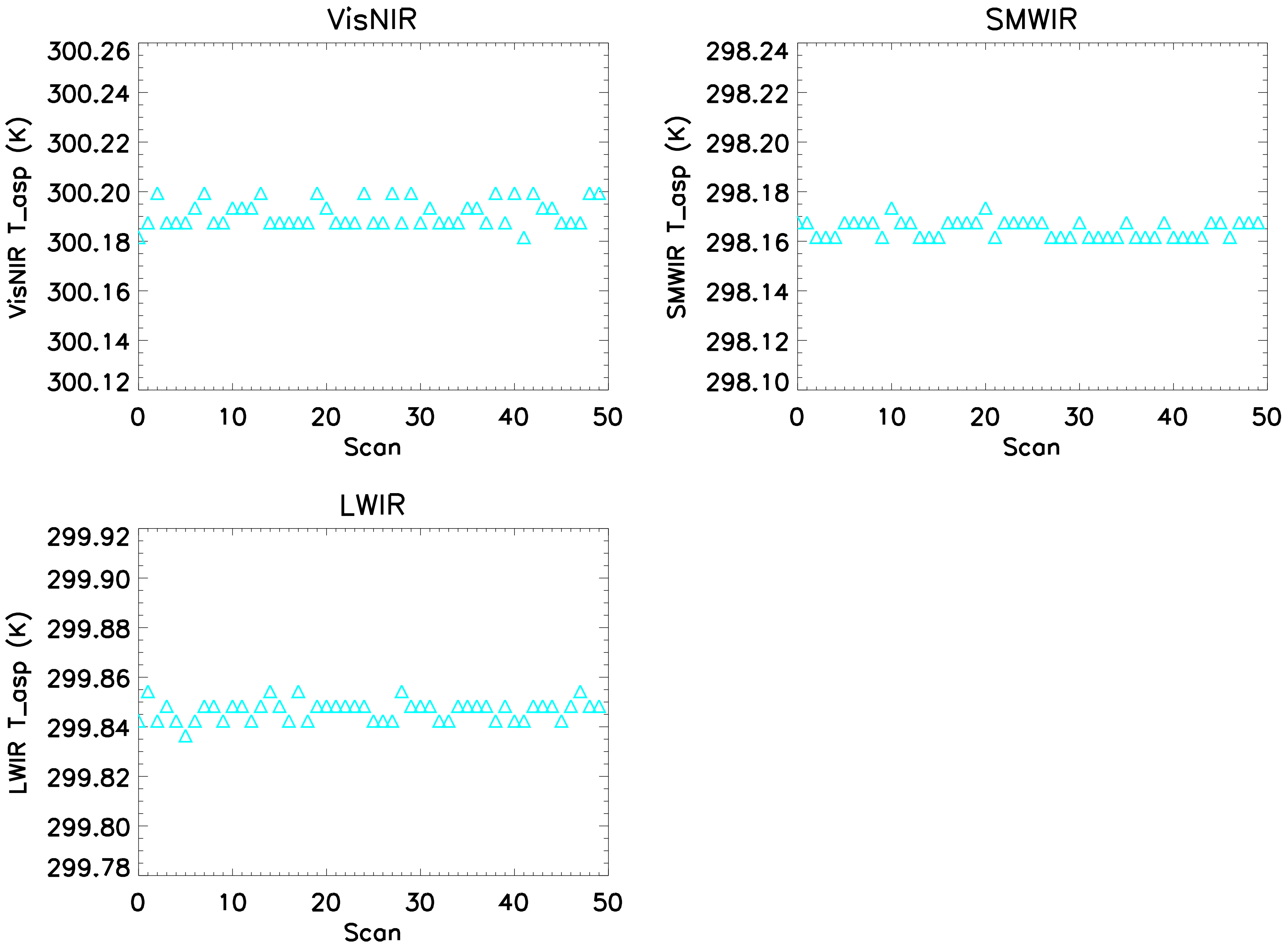


T_asp vs Scan: Collect=109

T_asp vs Scan: Collect=110

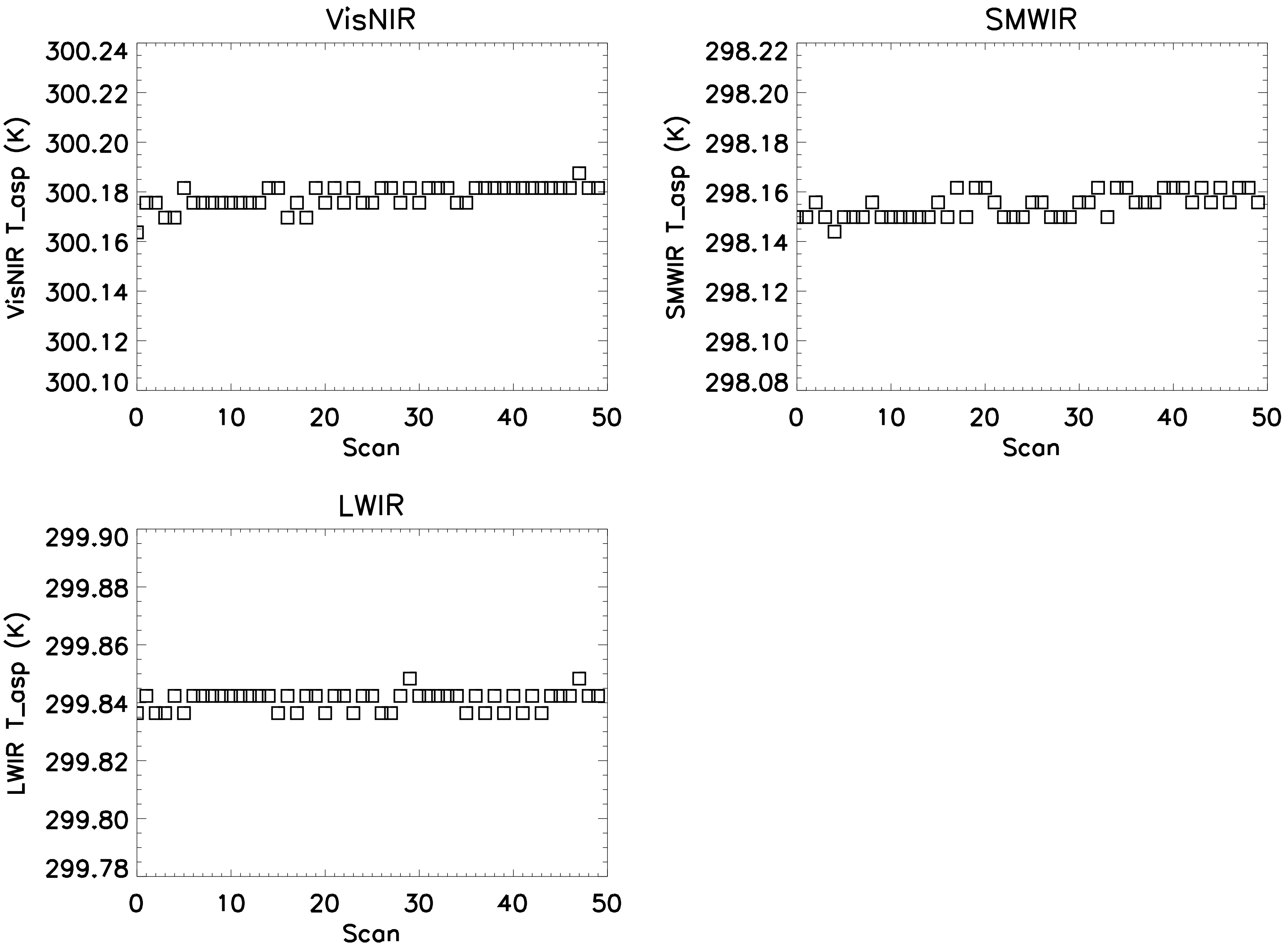



T_asp vs Scan: Collect=111
VisNIR
VisNIR T_asp (K)
300.26
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.92
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

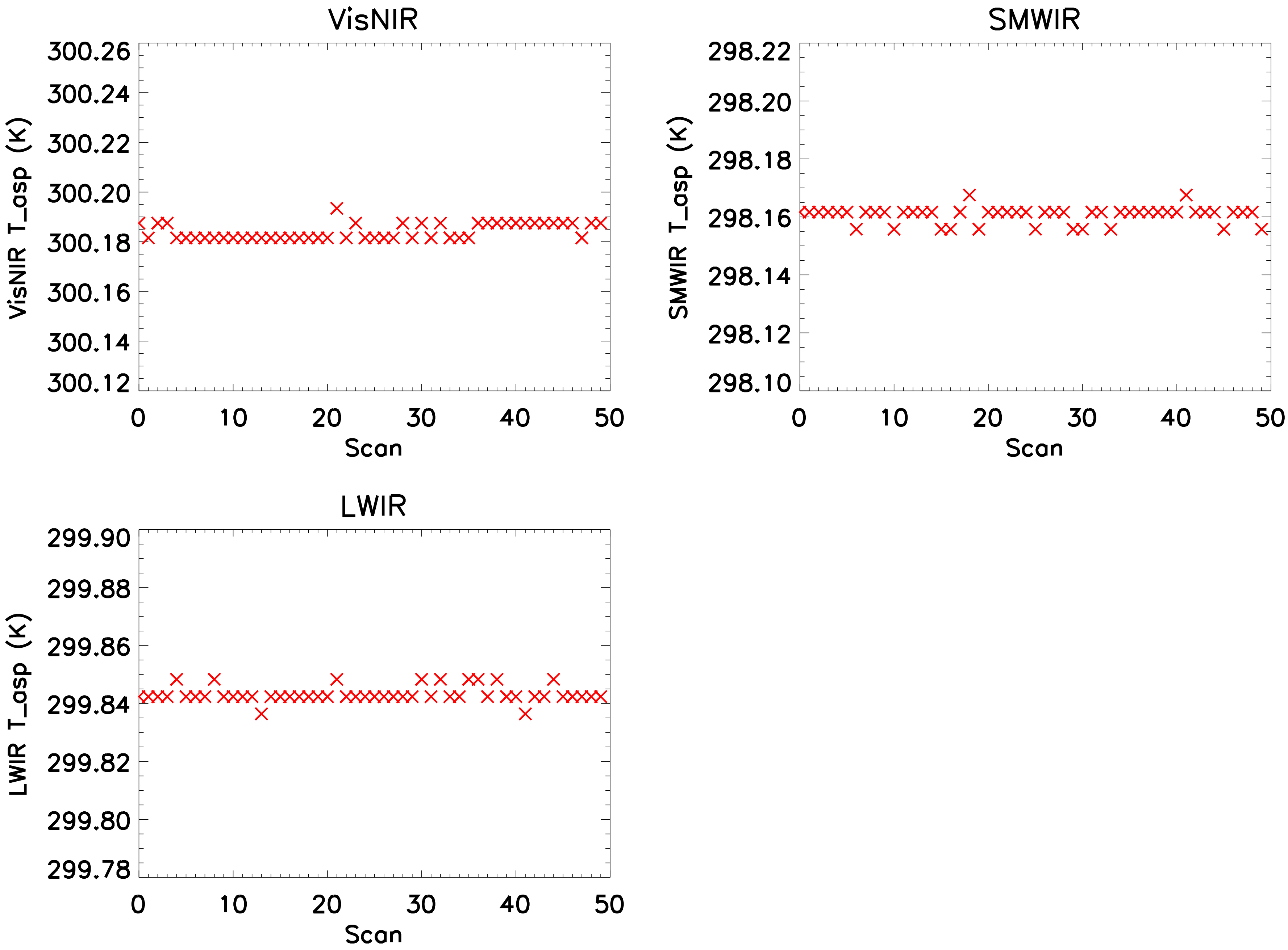


T_asp vs Scan: Collect=112

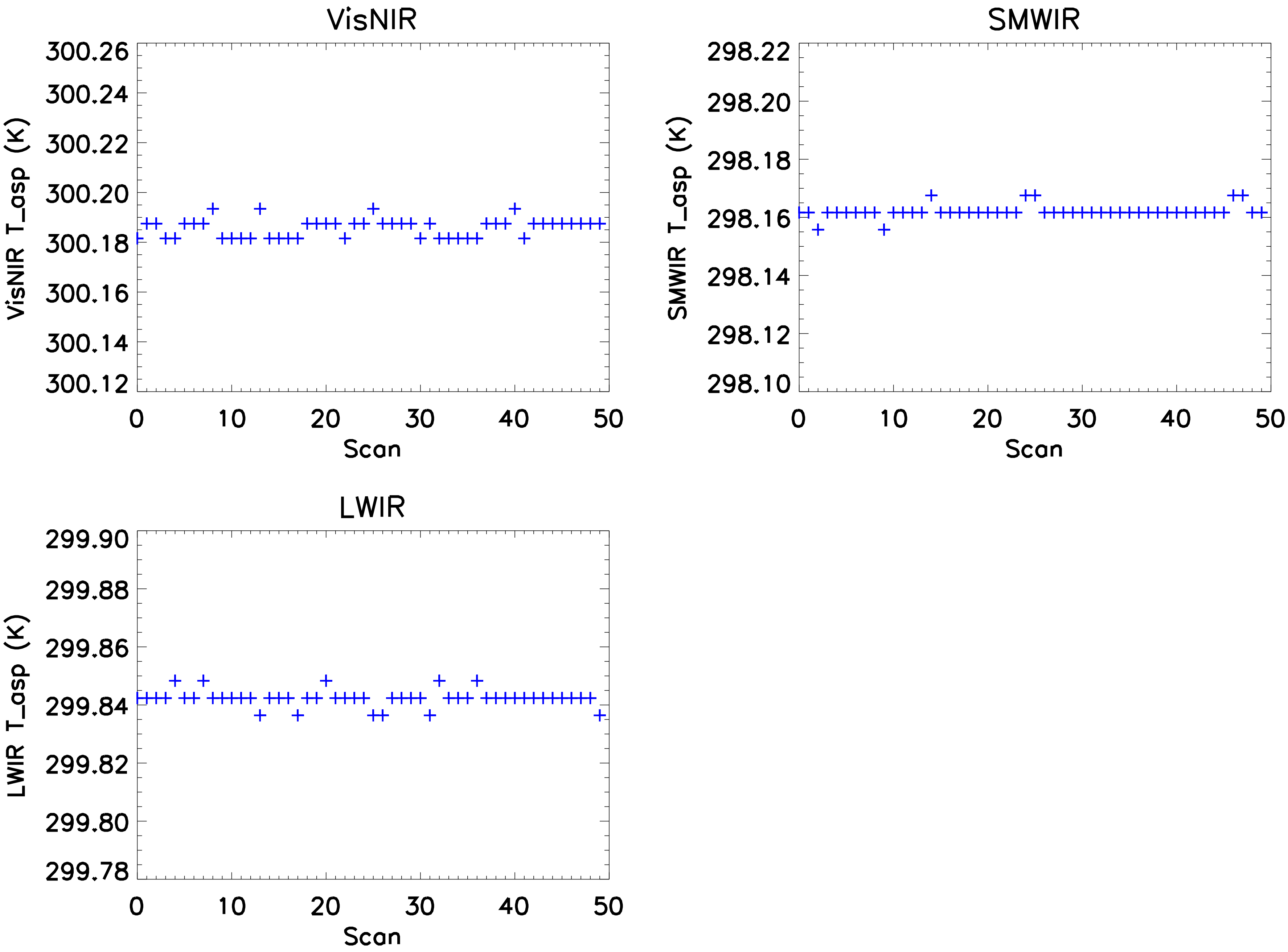
T_asp vs Scan: Collect=113

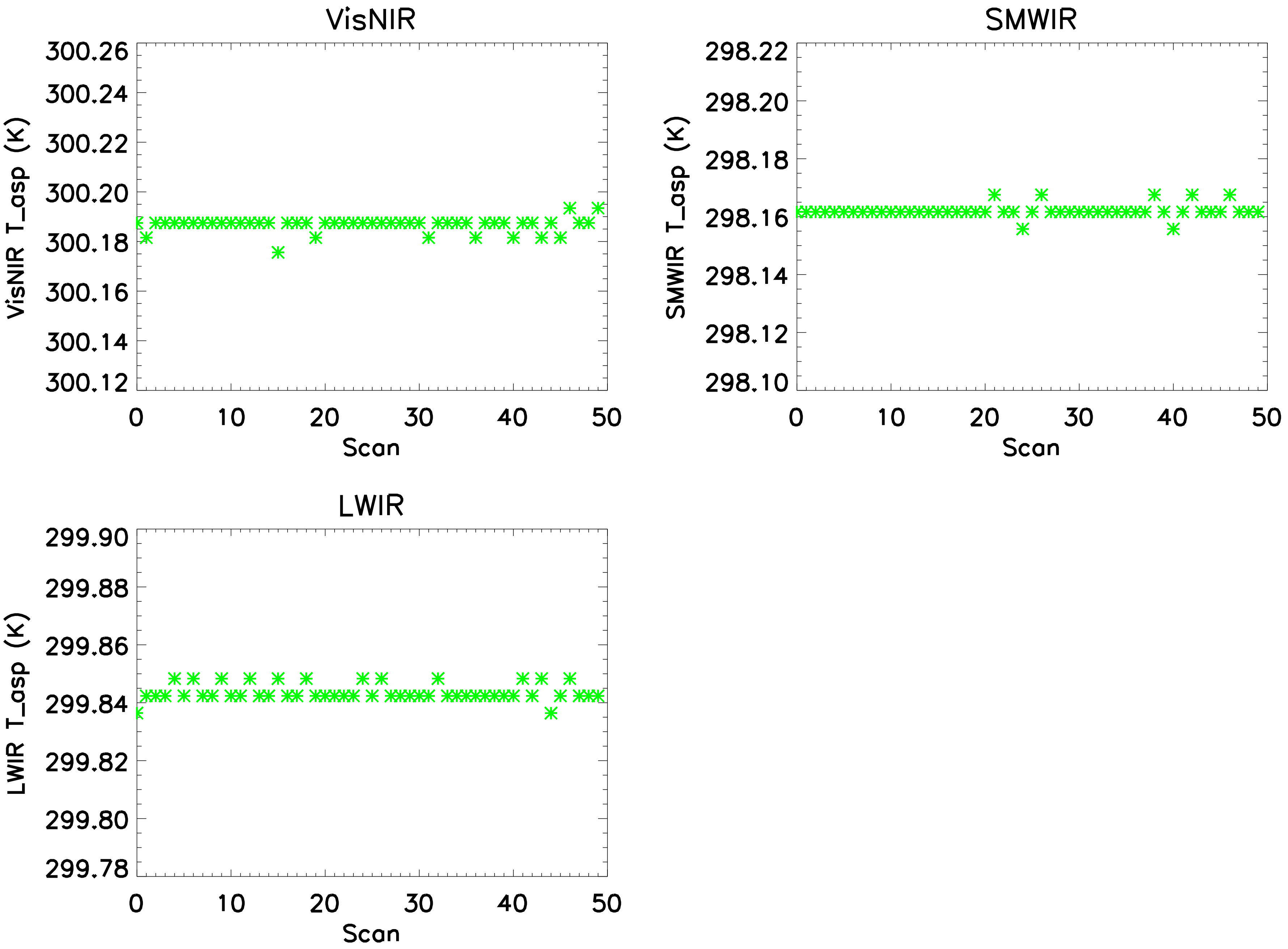


T_asp vs Scan: Collect=114



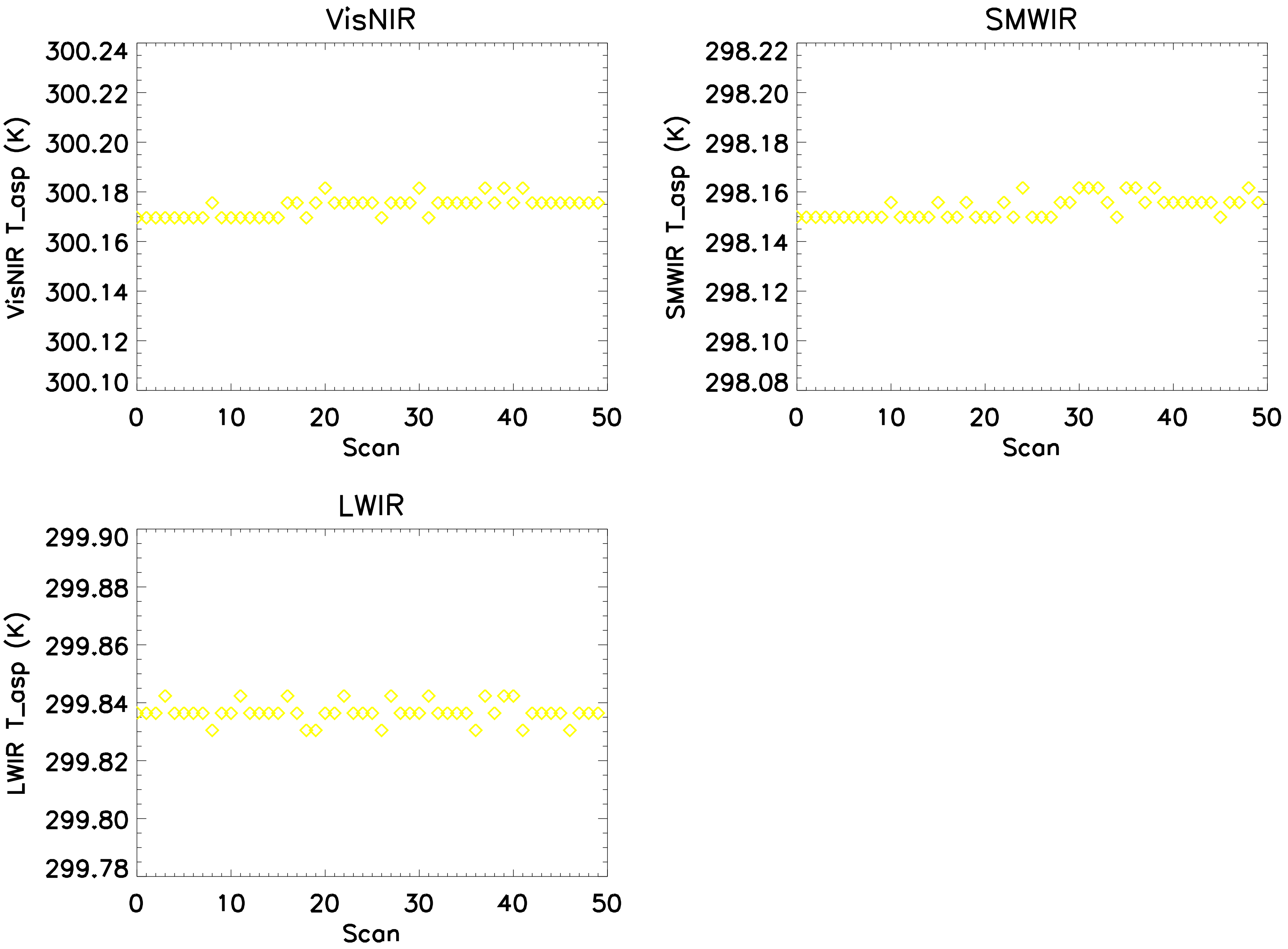
T_asp vs Scan: Collect=115

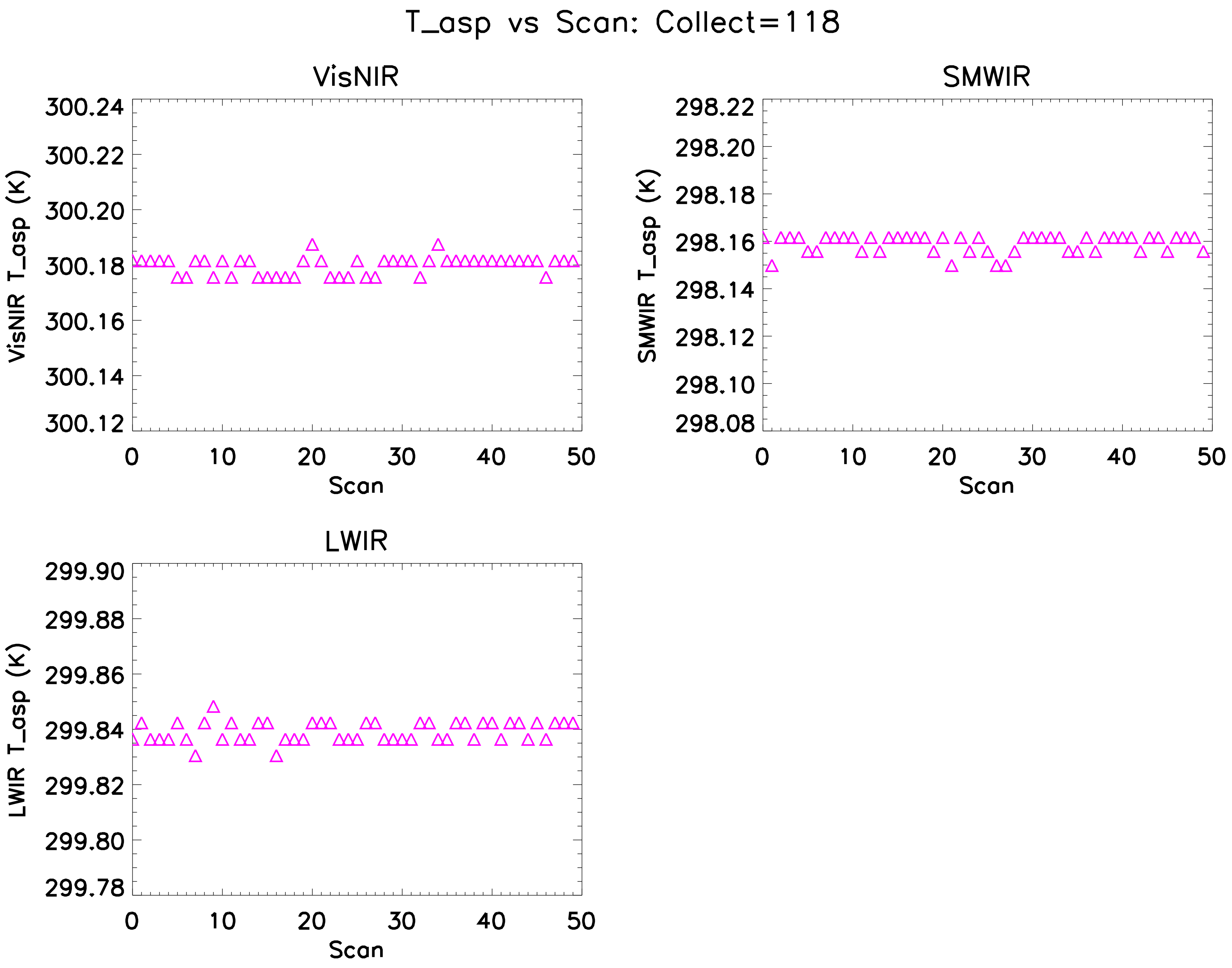




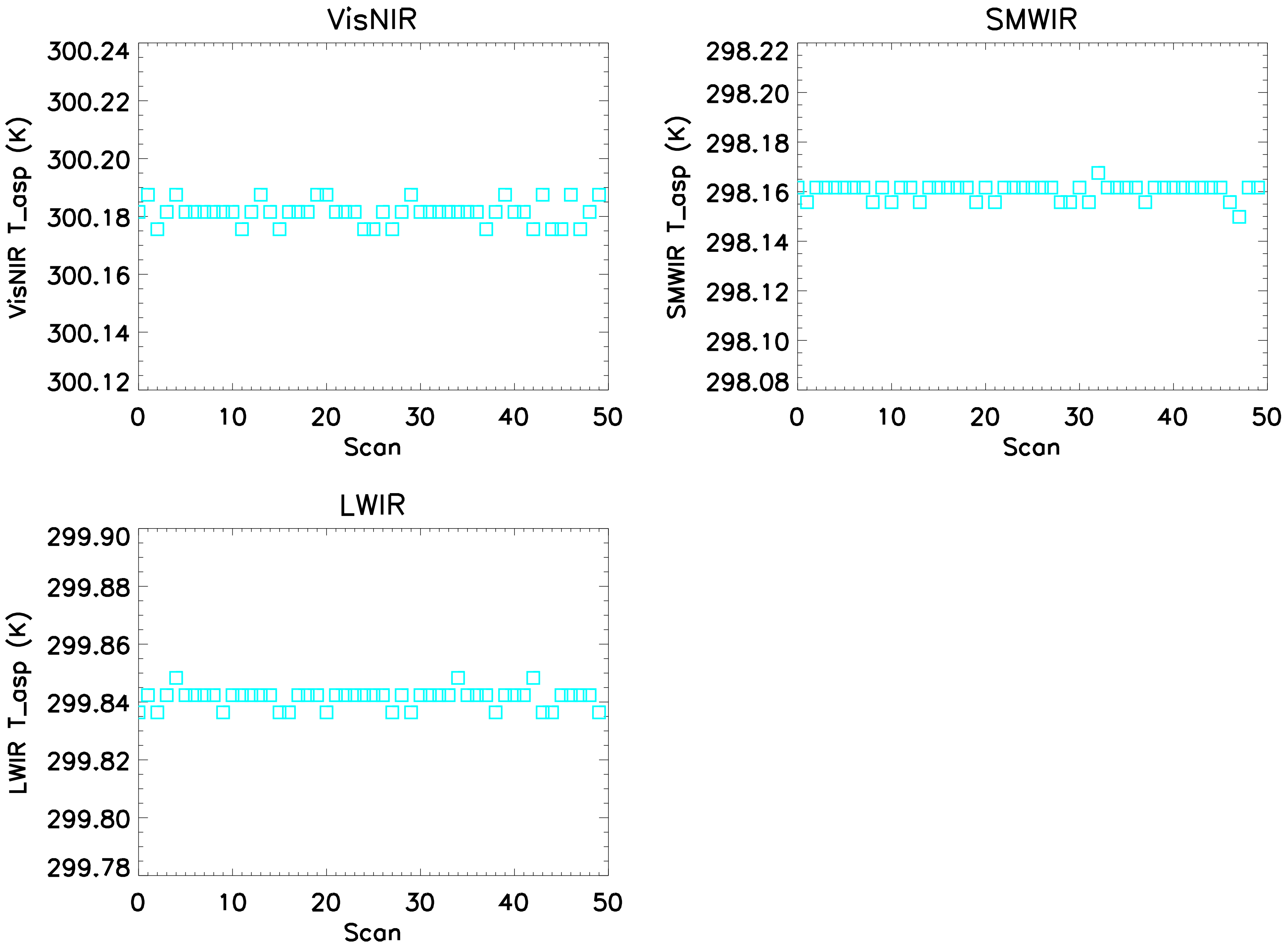
T_asp vs Scan: Collect=116

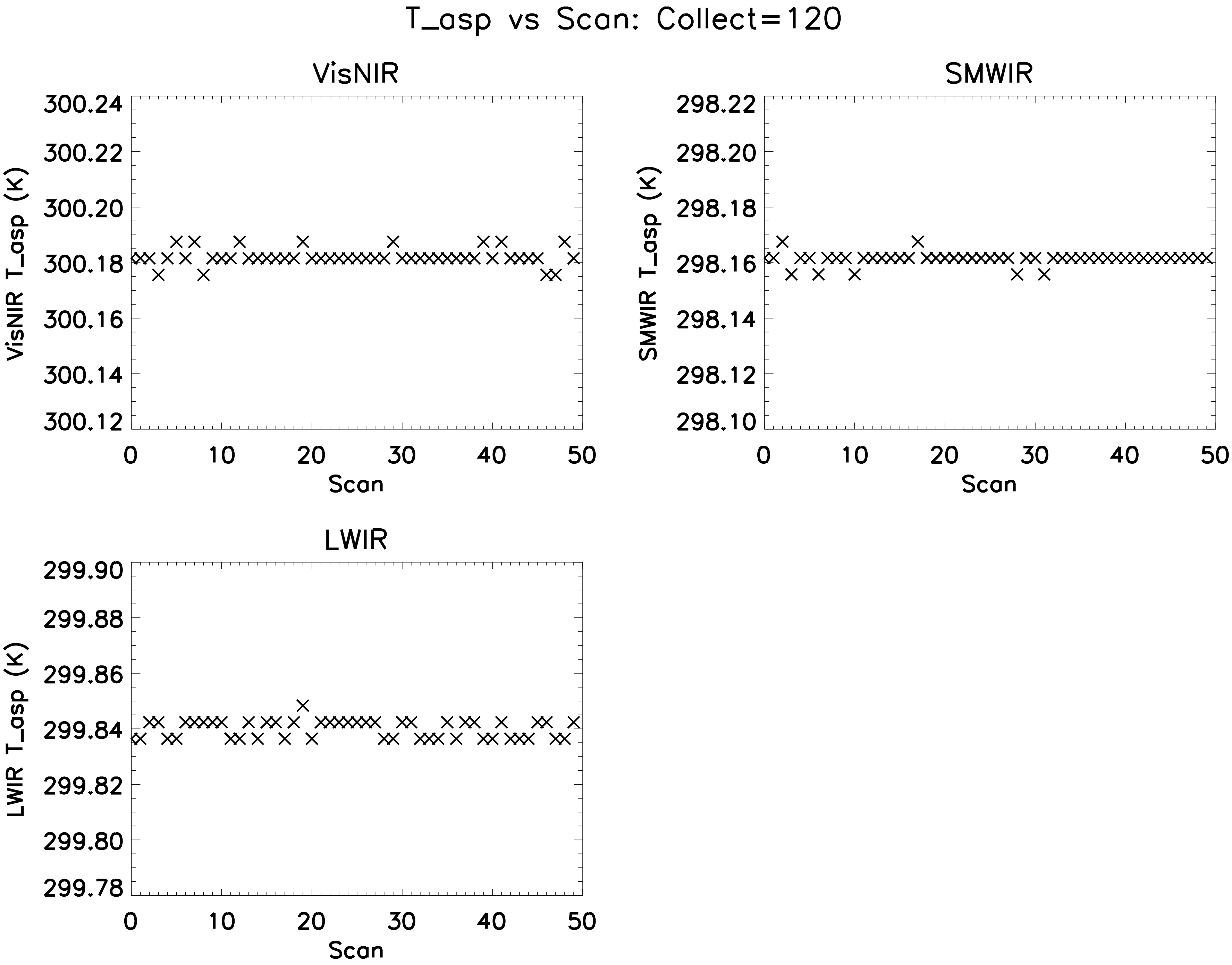
T_asp vs Scan: Collect=117



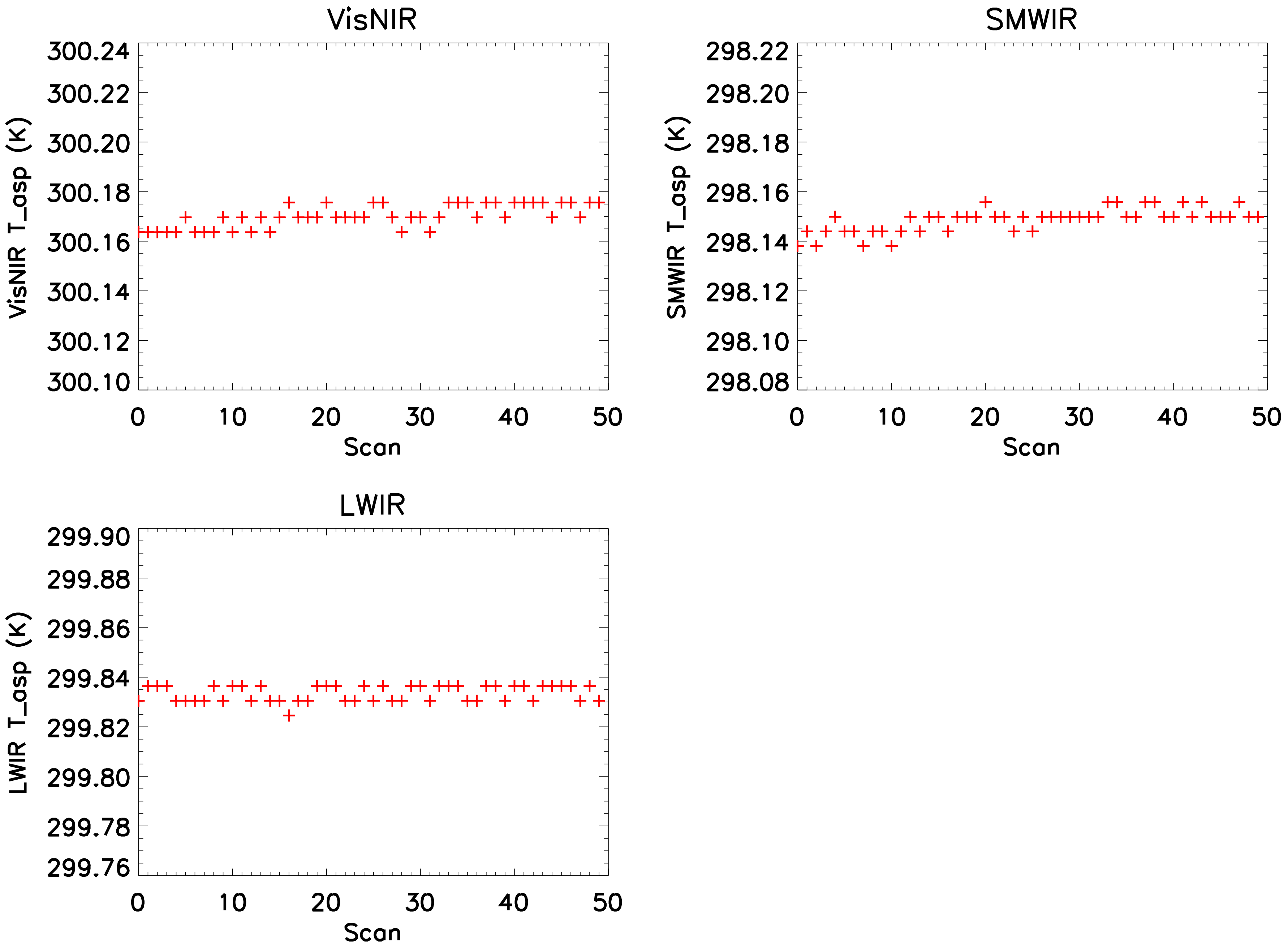

T_asp vs Scan: Collect=118
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

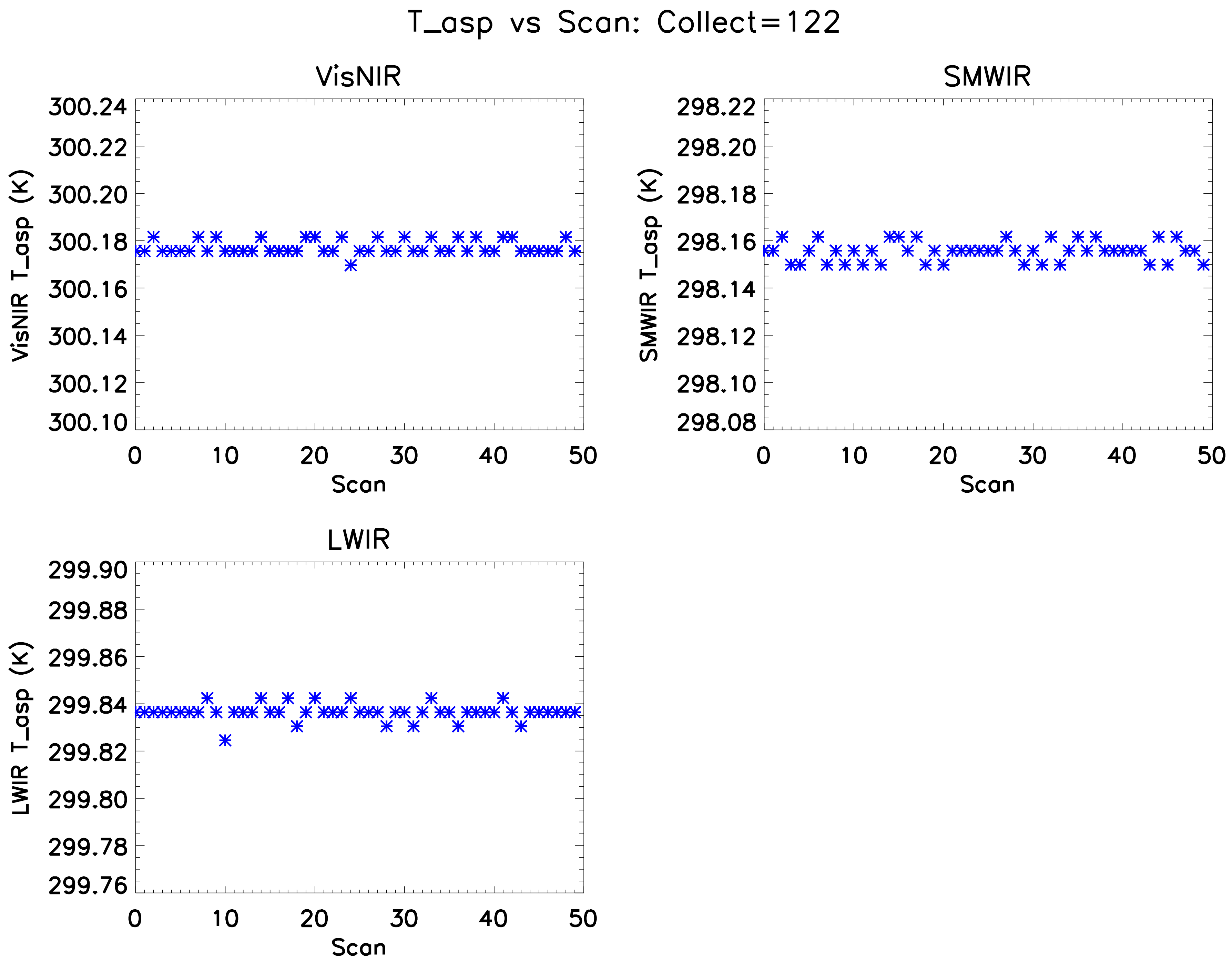
T_asp vs Scan: Collect=119



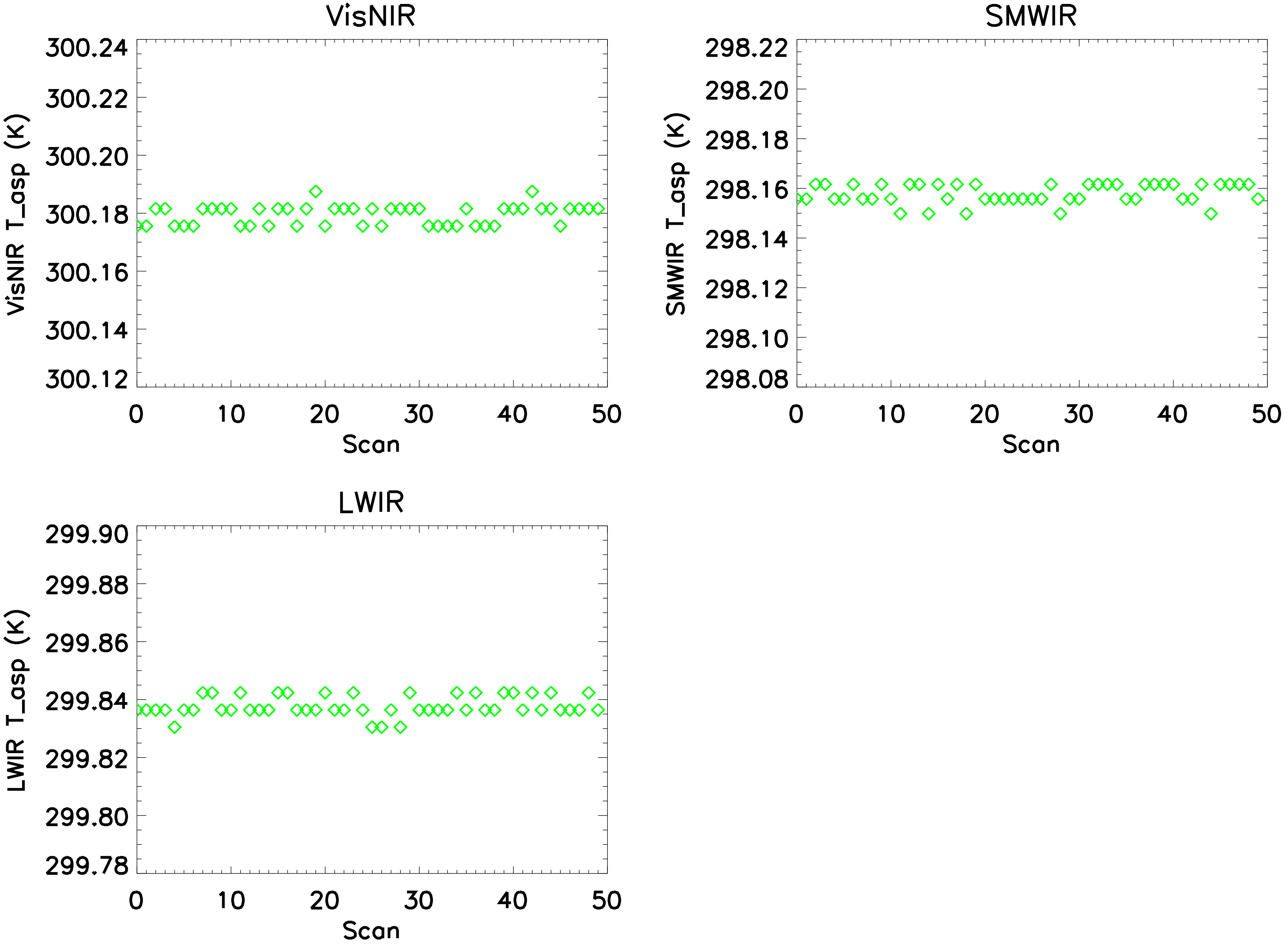

T_asp vs Scan: Collect=120
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=121

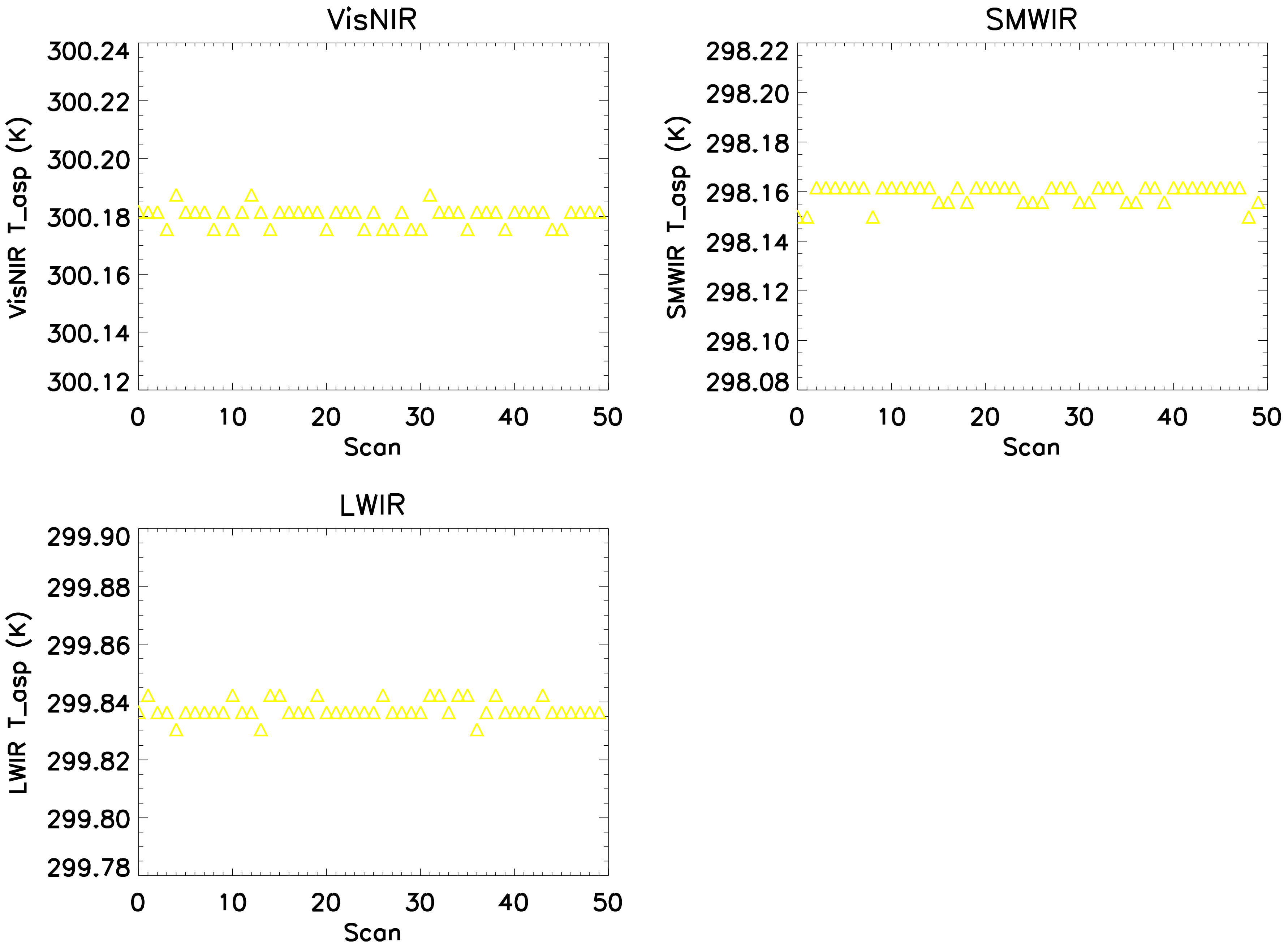



T_asp vs Scan: Collect=122
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

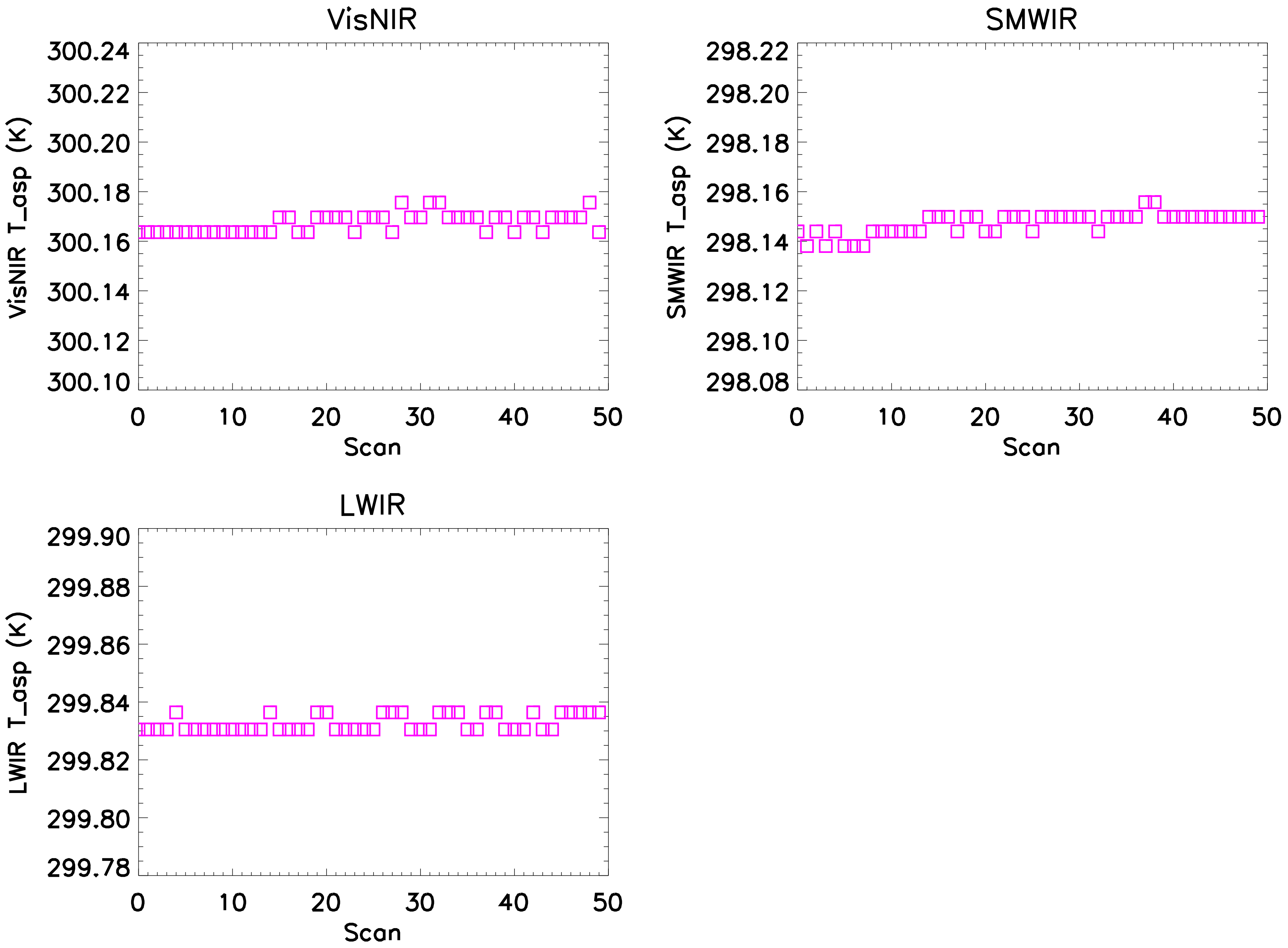
T_asp vs Scan: Collect=123



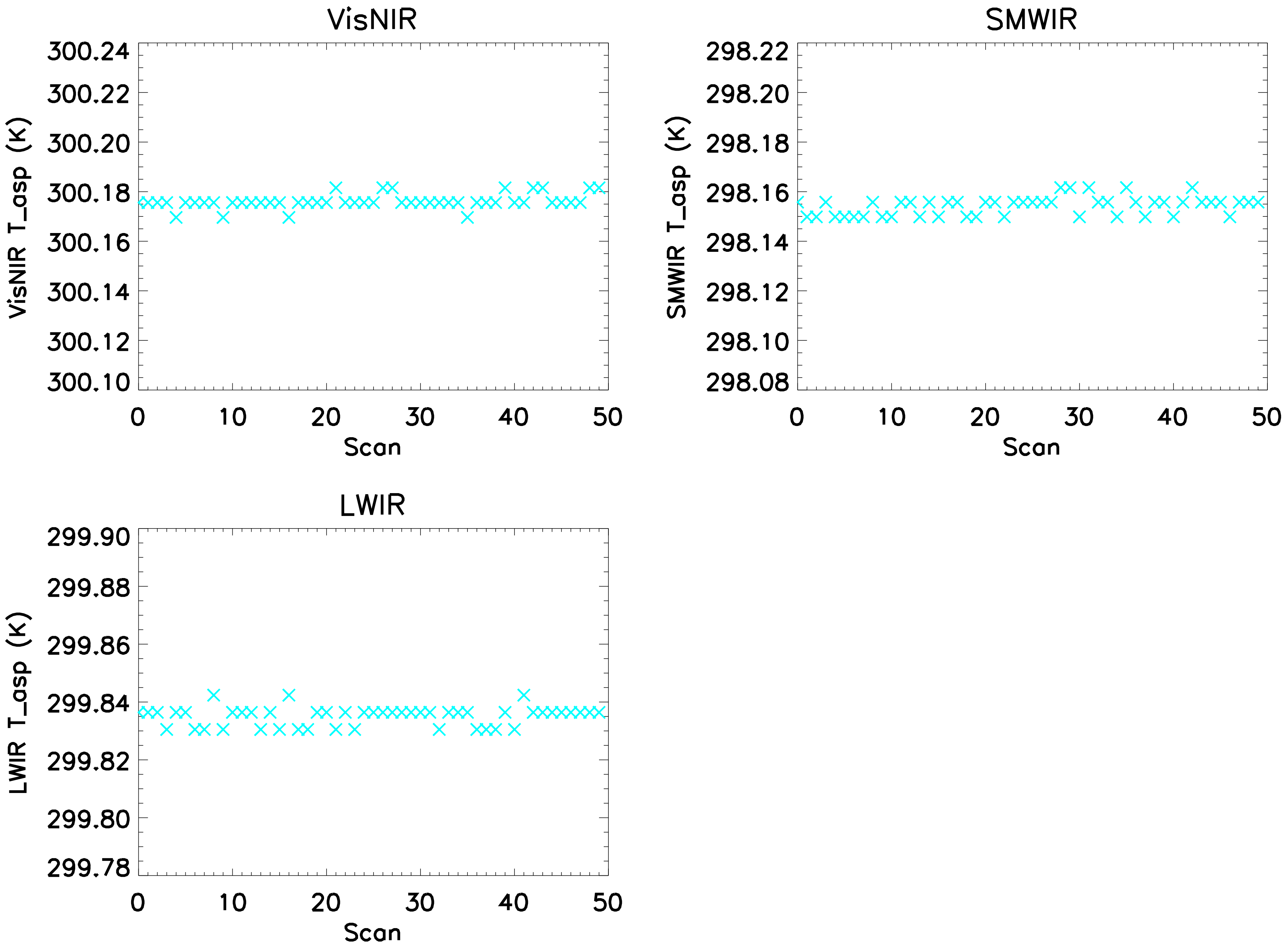
T_asp vs Scan: Collect=124

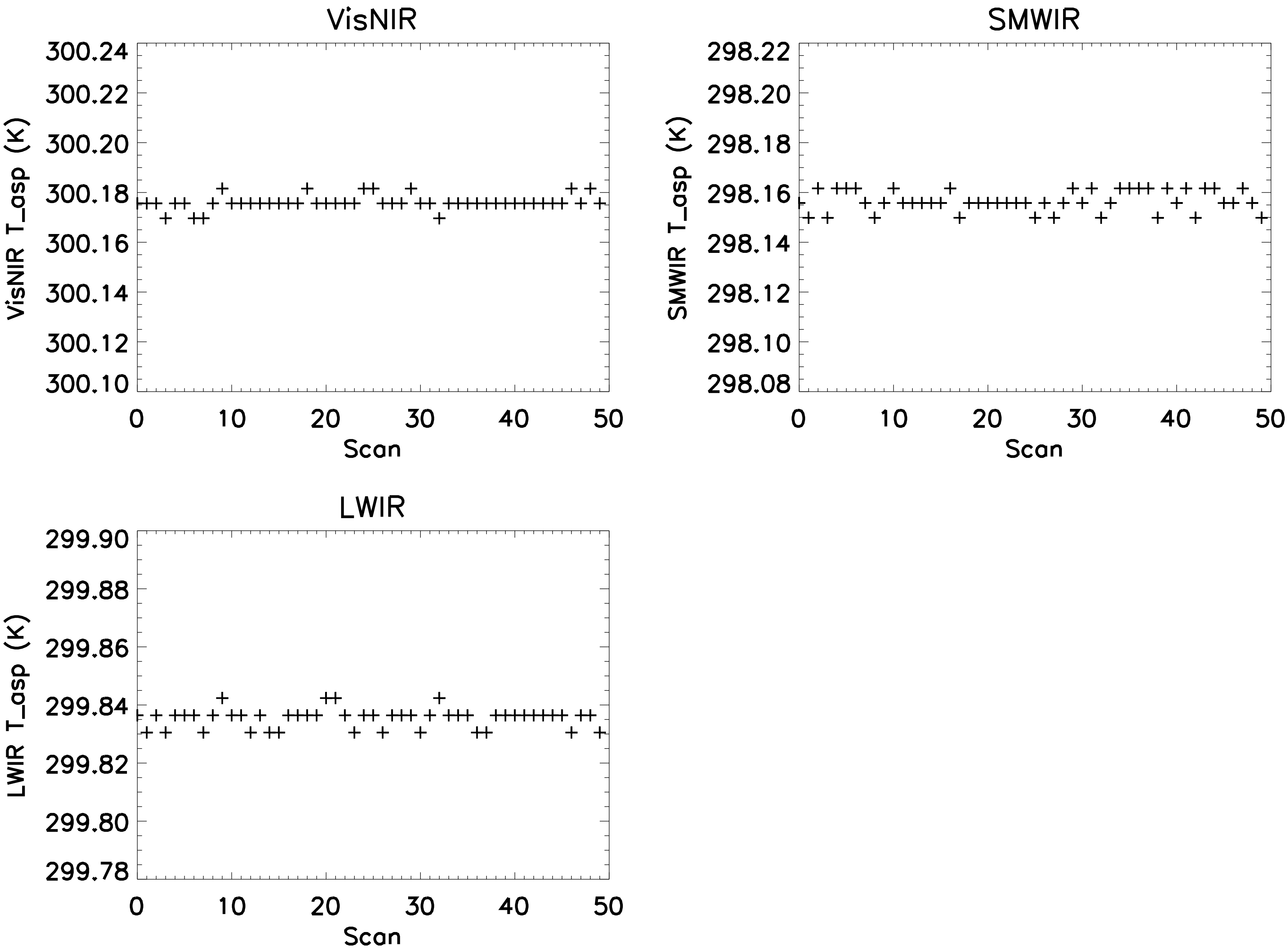


T_asp vs Scan: Collect=125

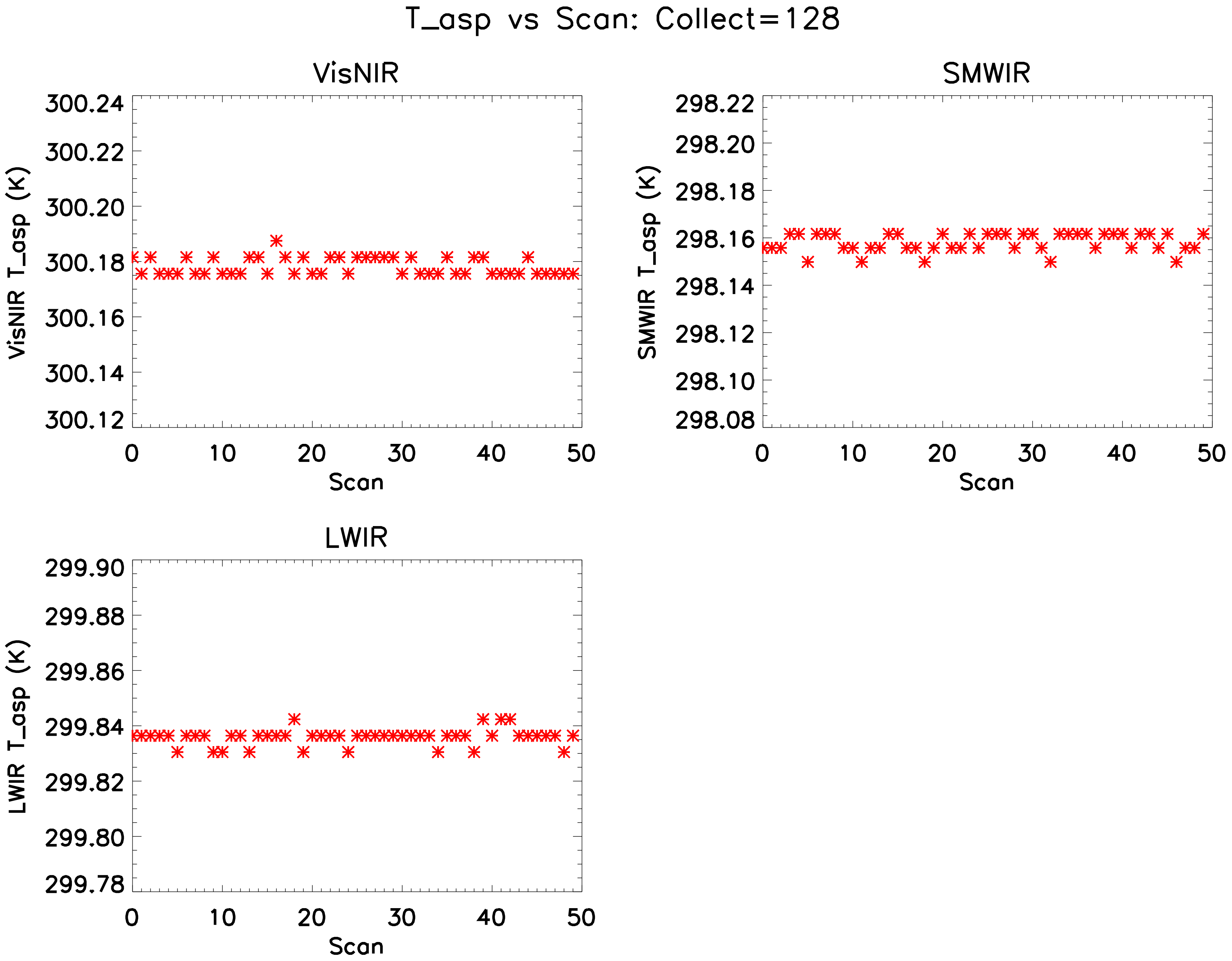


T_asp vs Scan: Collect=126

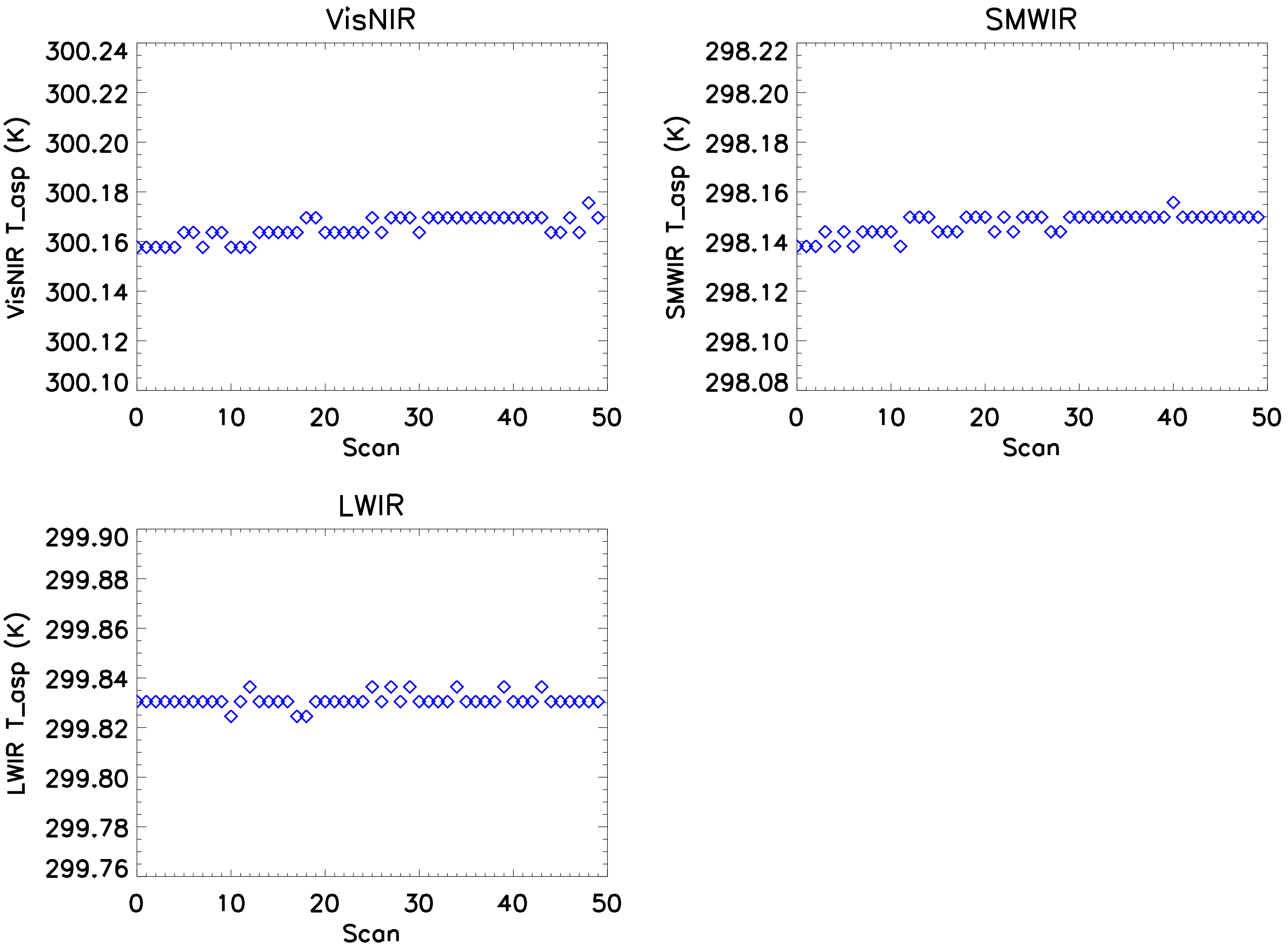




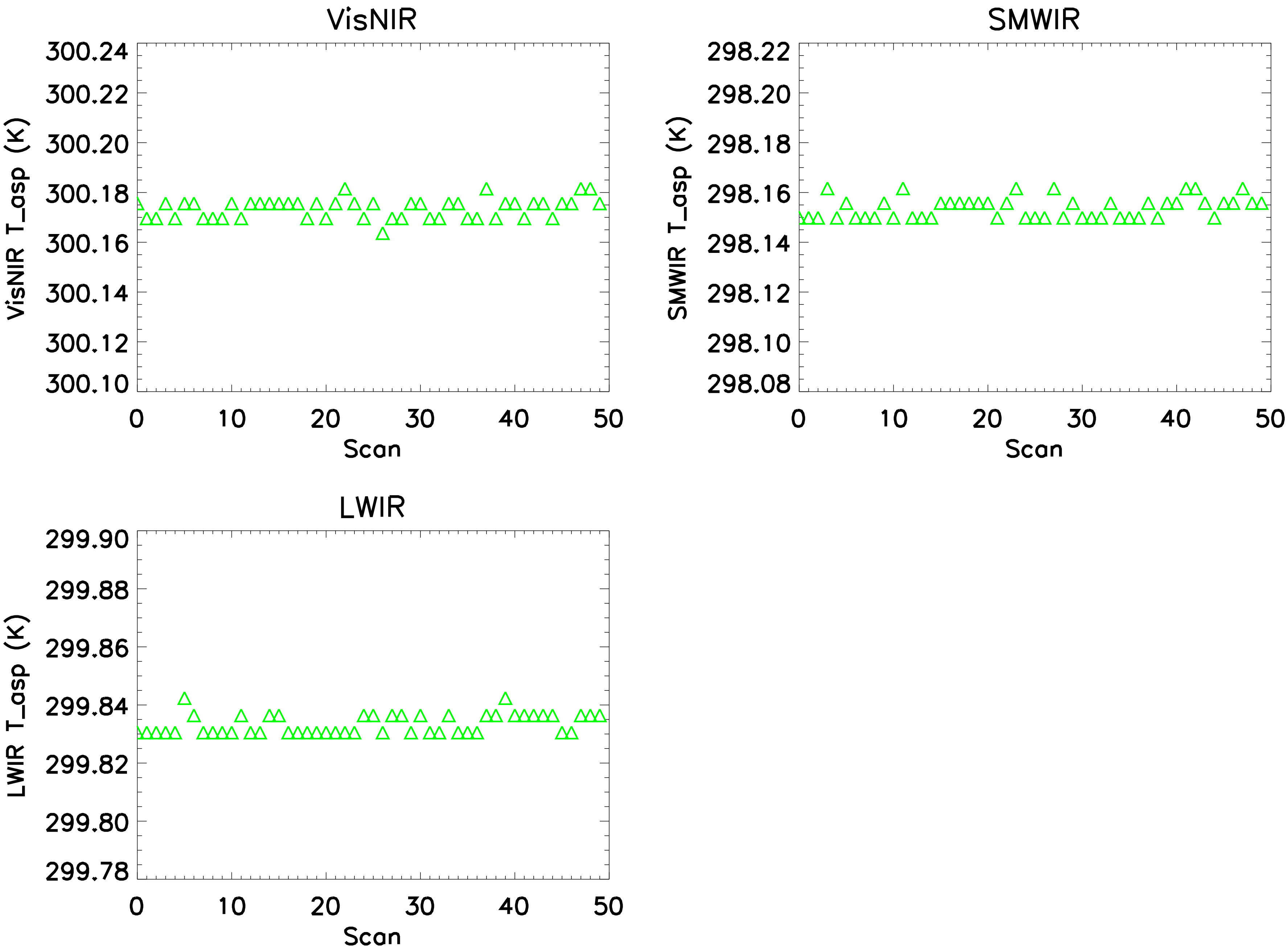
T_asp vs Scan: Collect=127


T_asp vs Scan: Collect=128
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

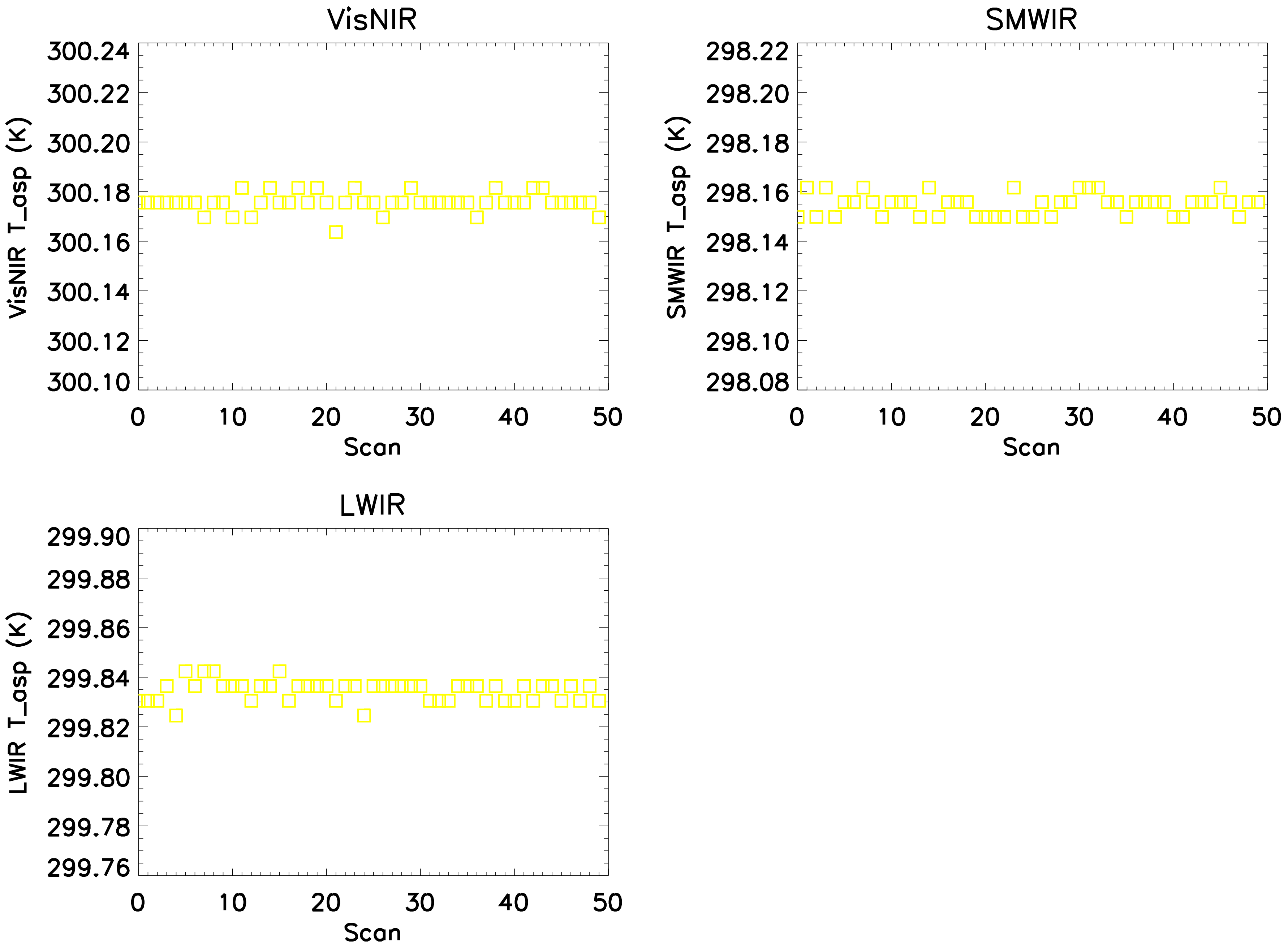
T_asp vs Scan: Collect=129

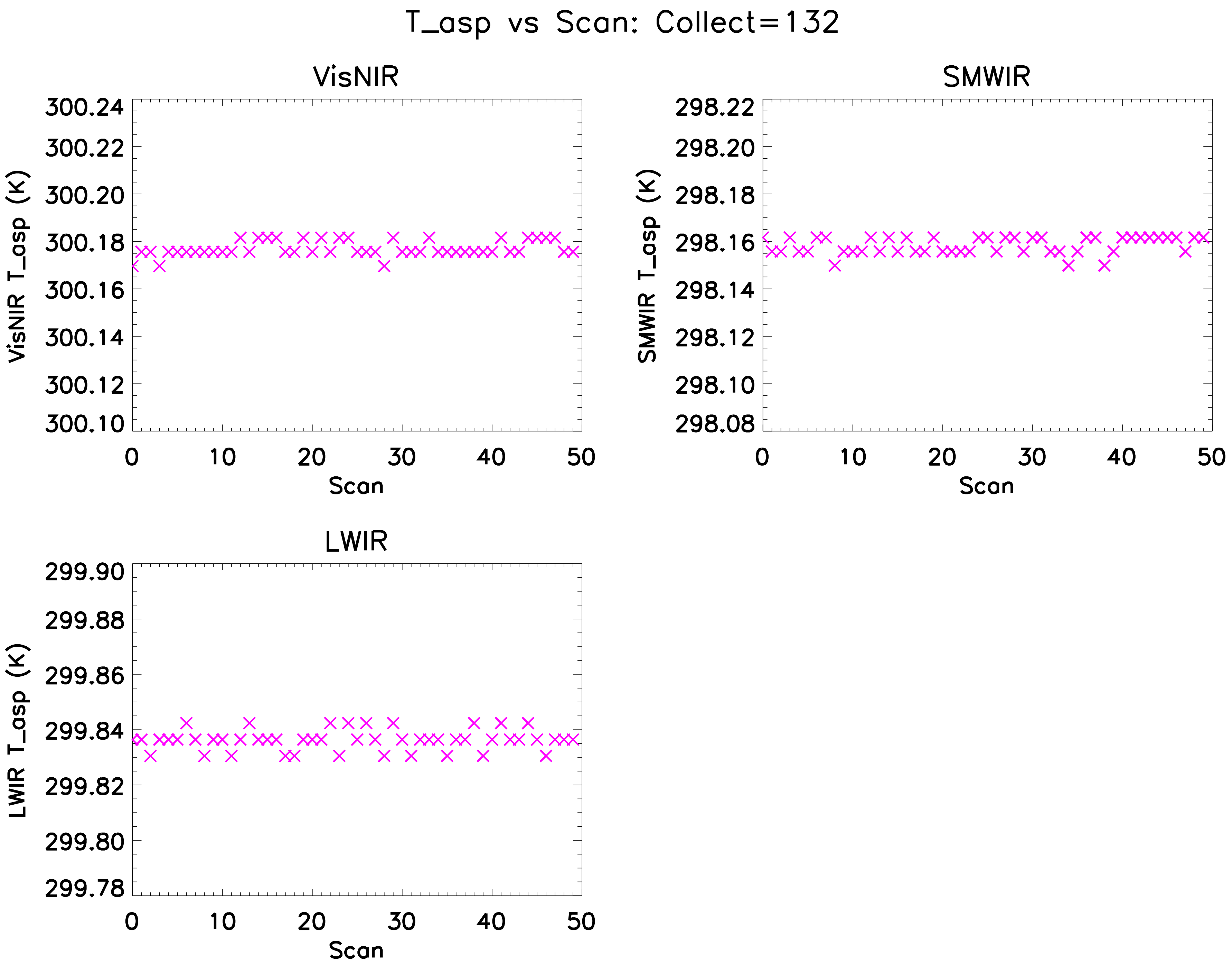


T_asp vs Scan: Collect=130

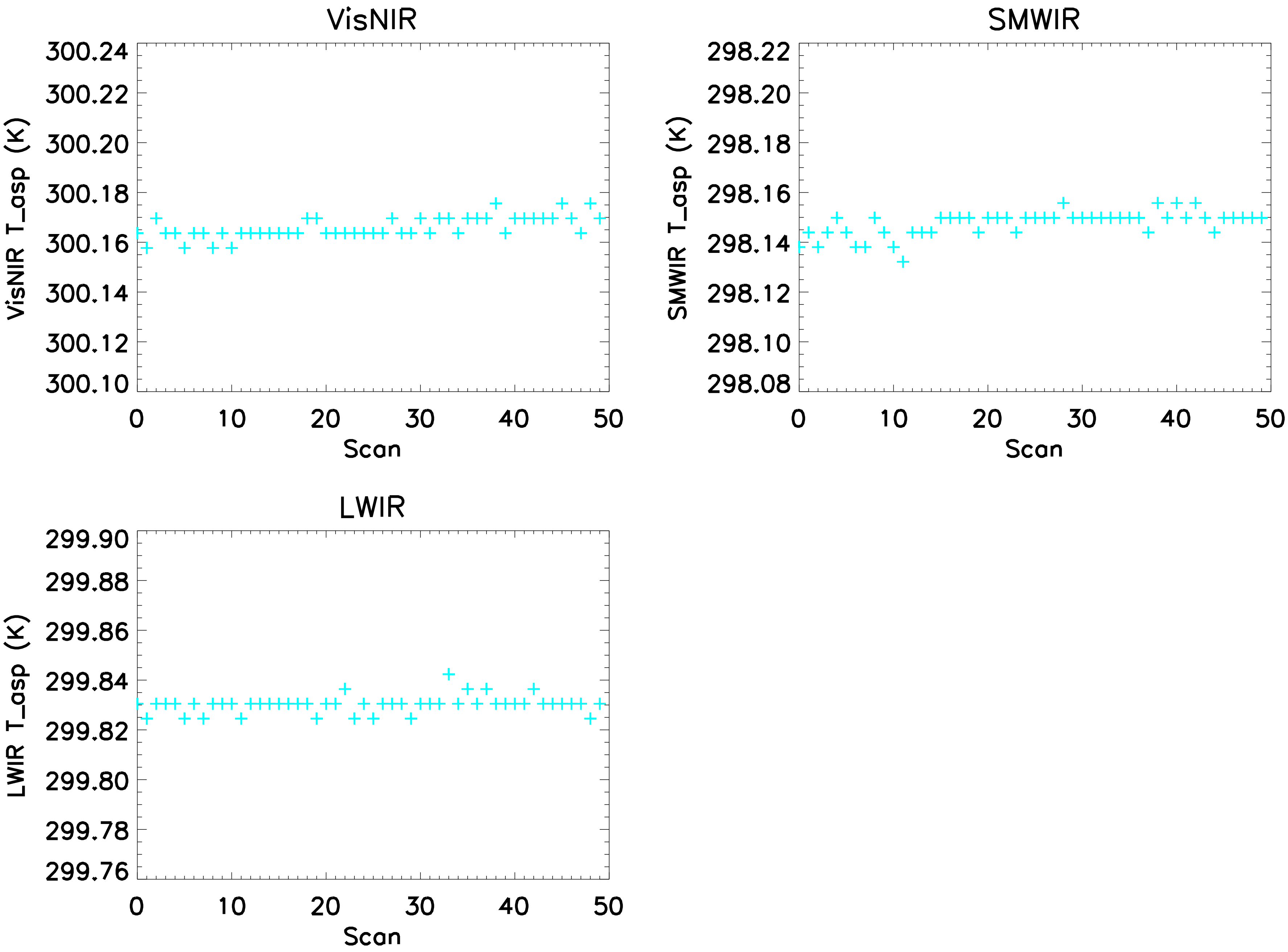


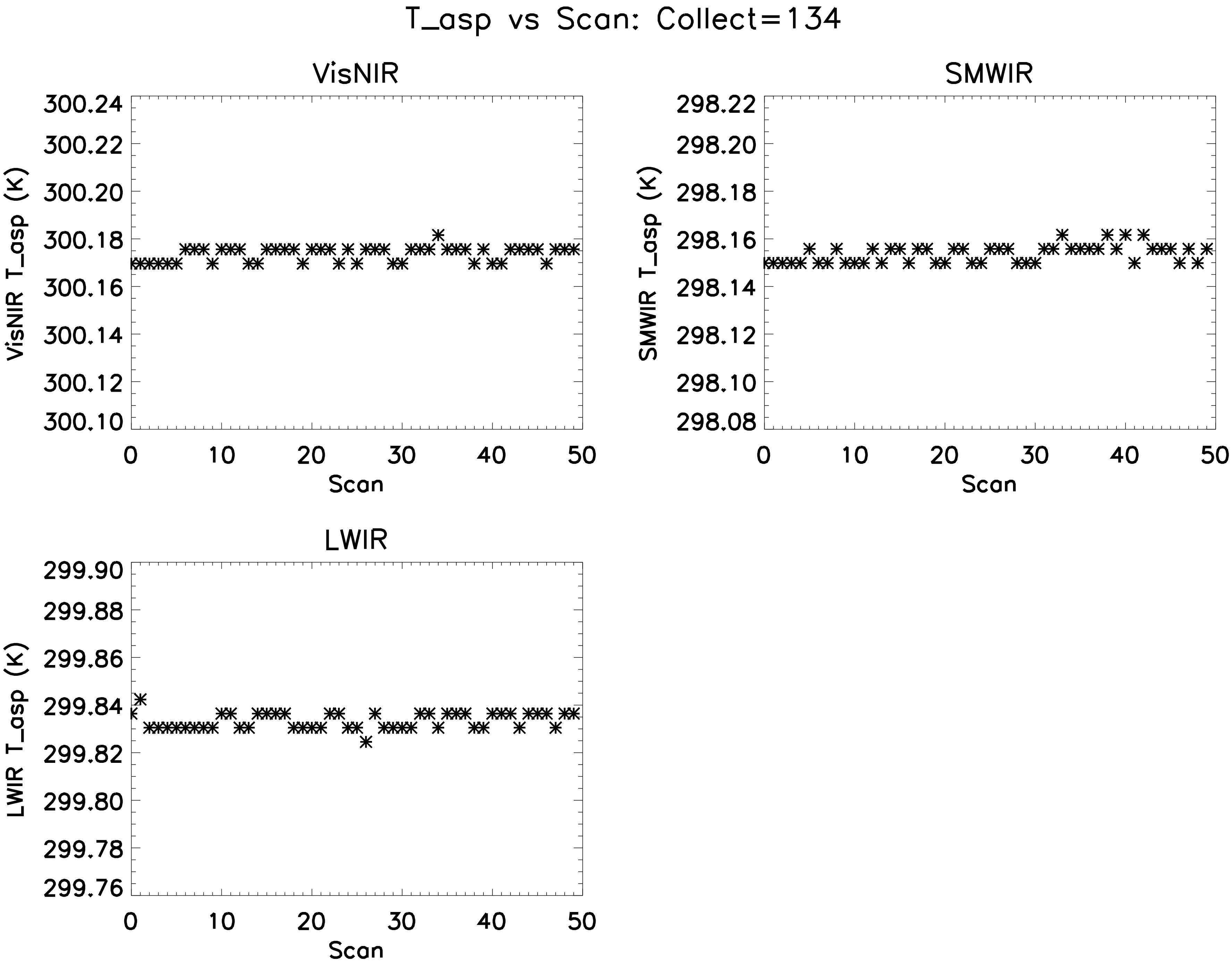
T_asp vs Scan: Collect=131

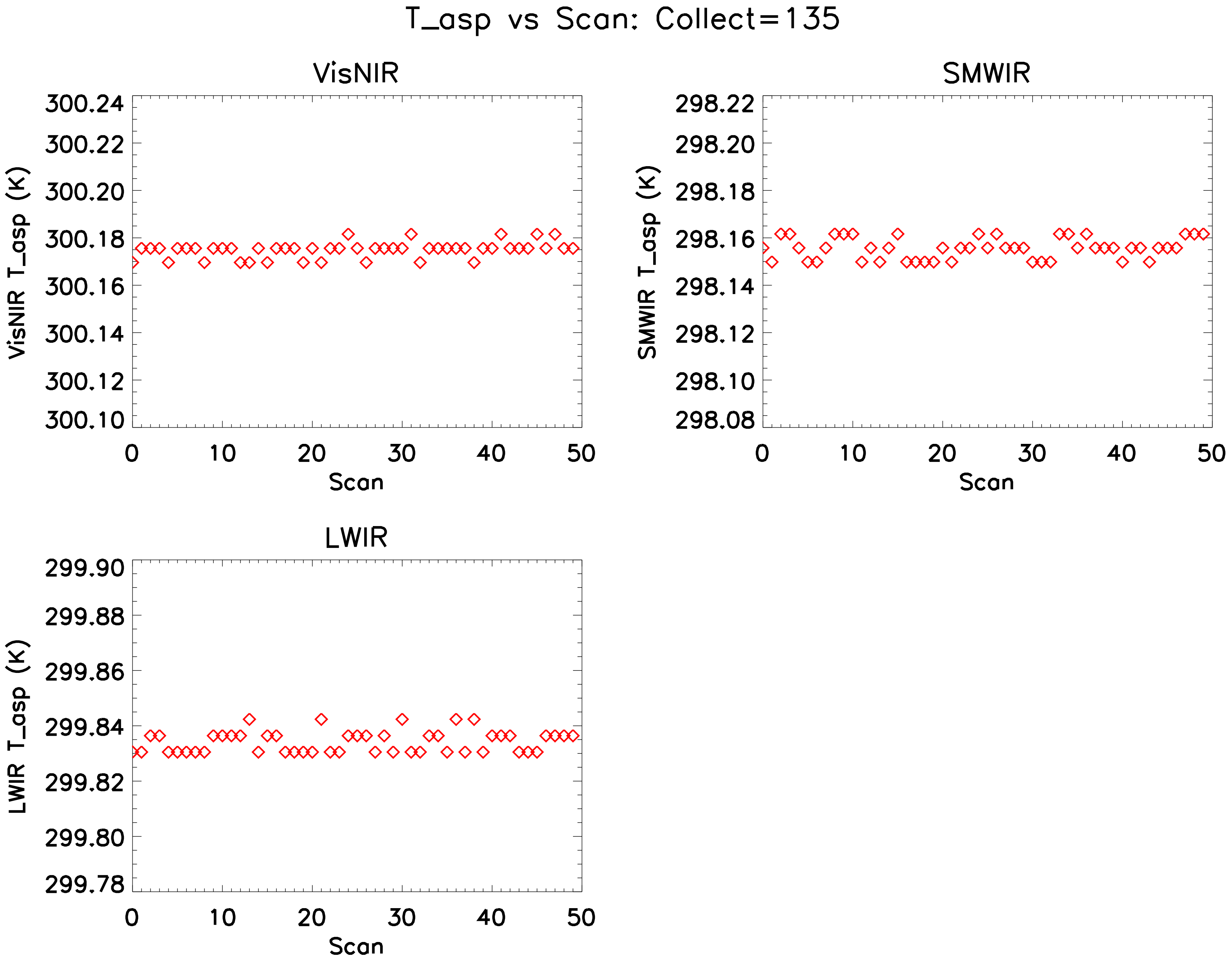



T_asp vs Scan: Collect=132
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

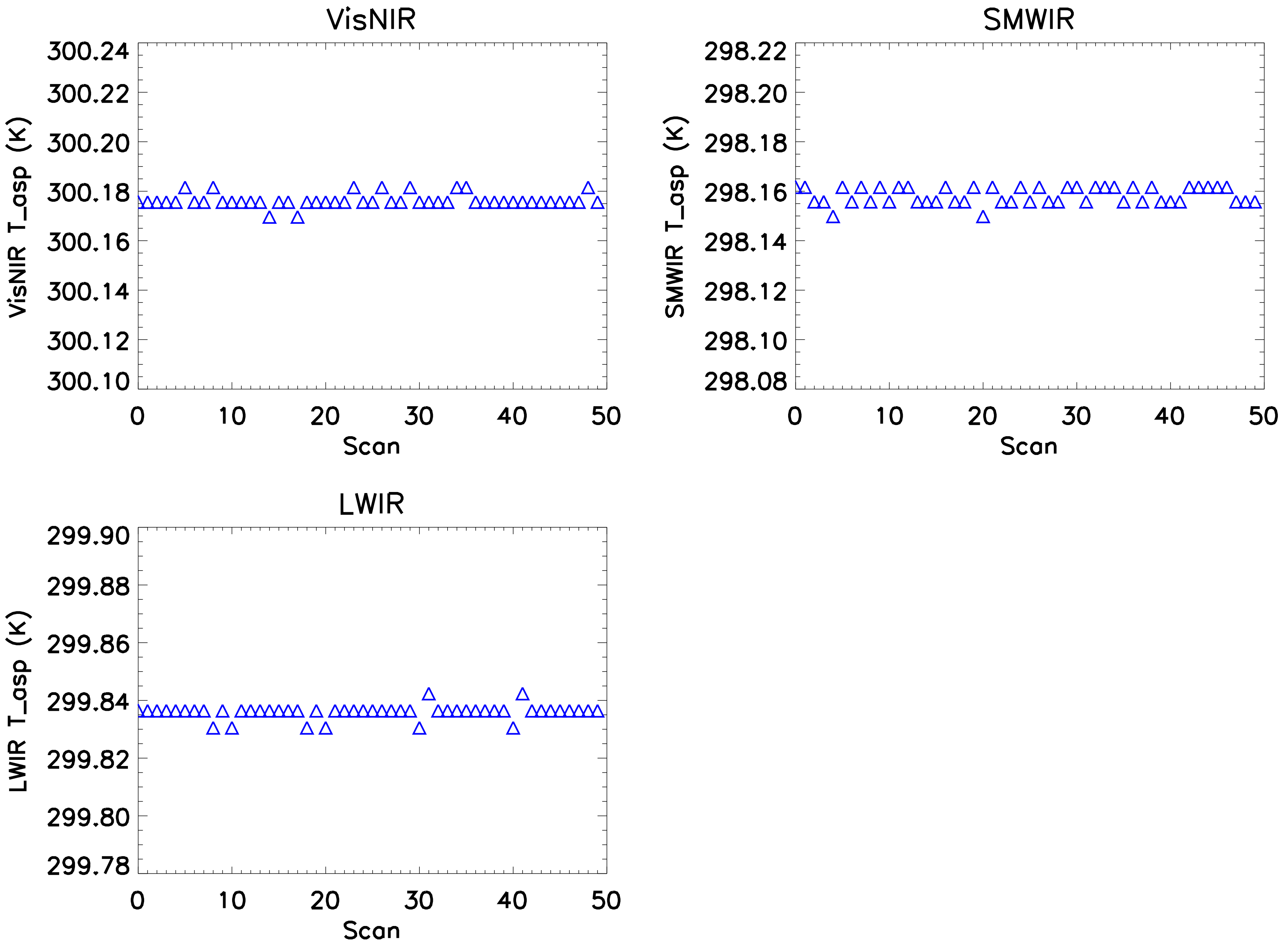
T_asp vs Scan: Collect=133



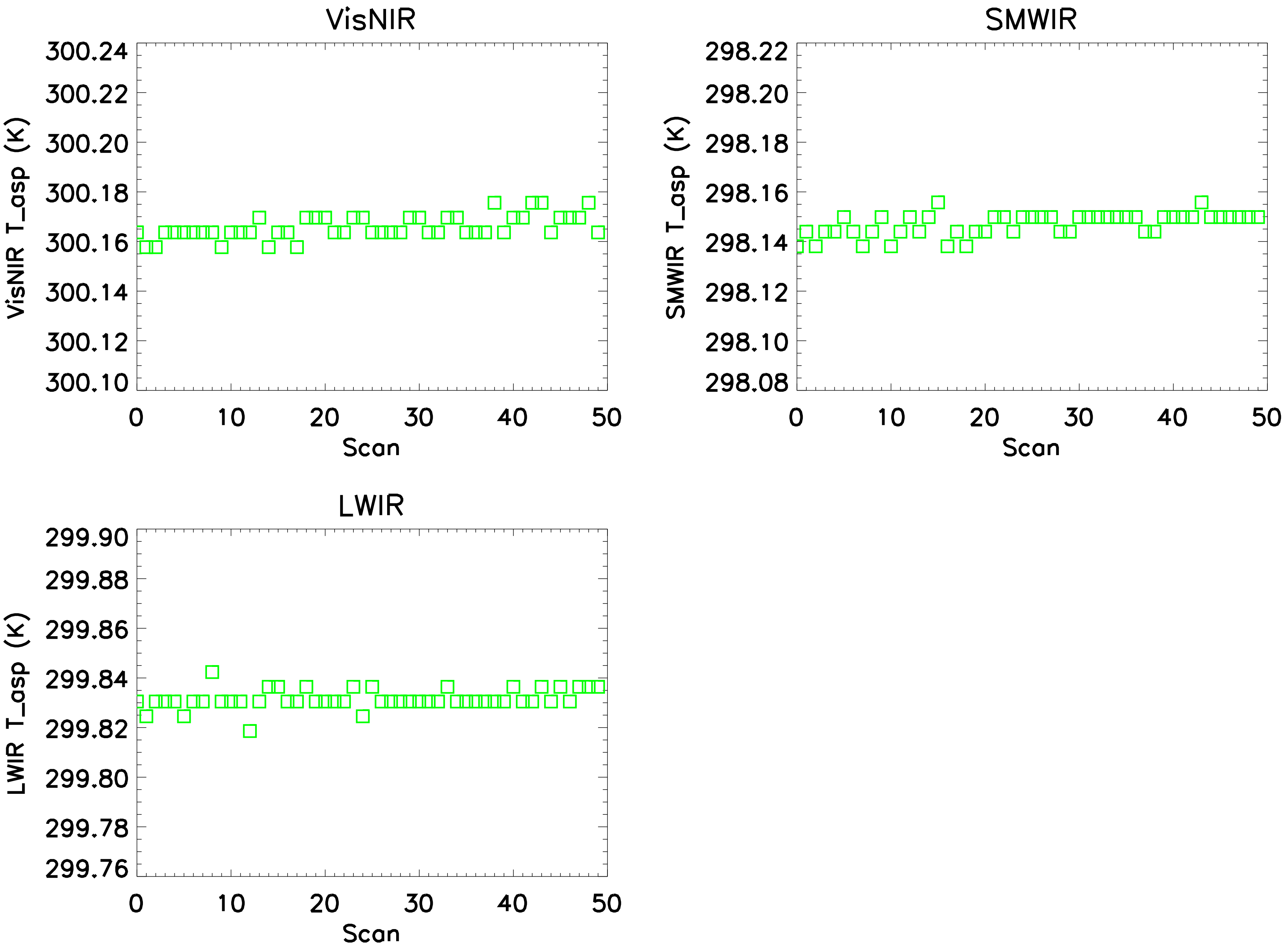

T_asp vs Scan: Collect=134
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=135
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

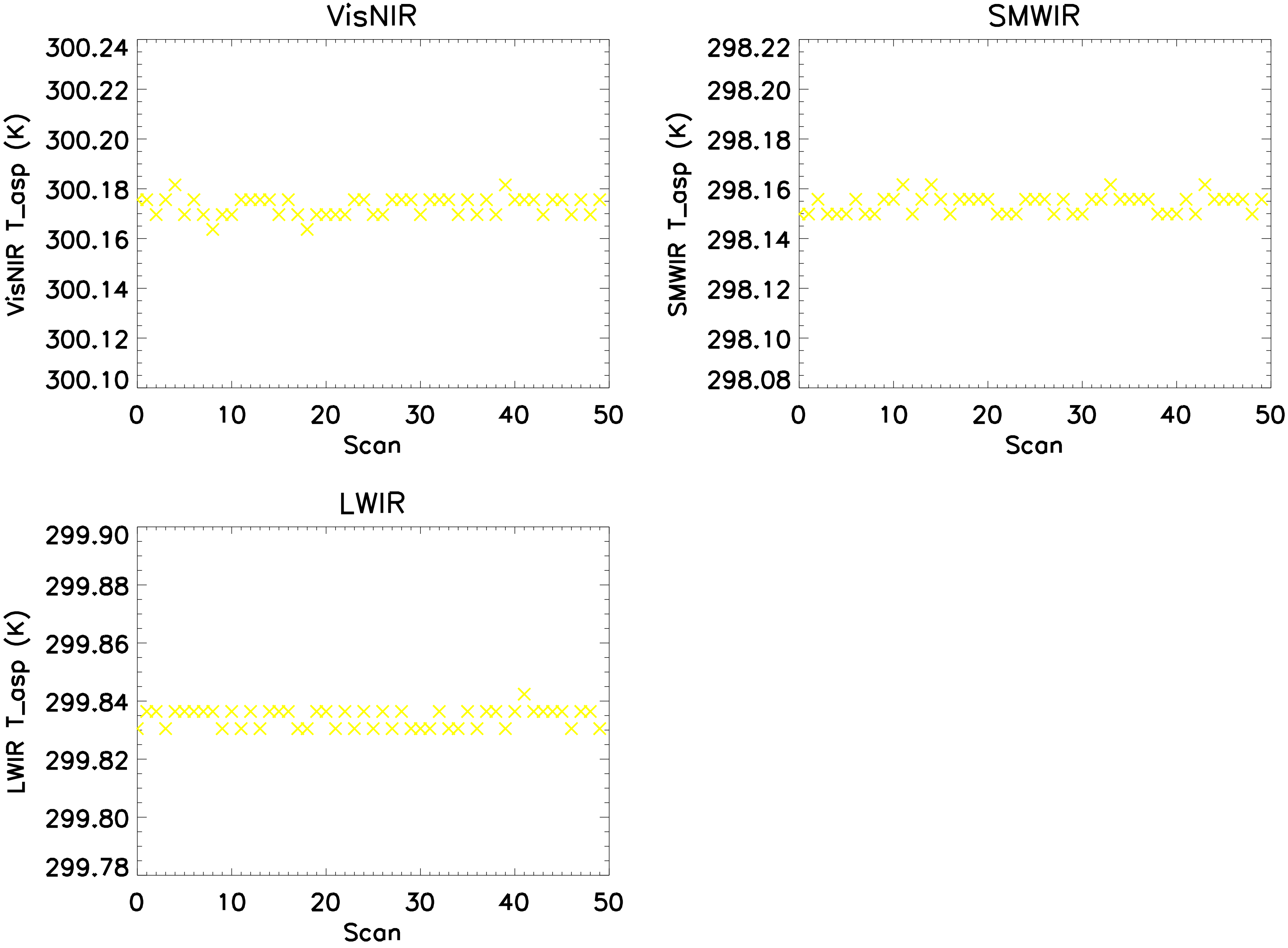
T_asp vs Scan: Collect=136

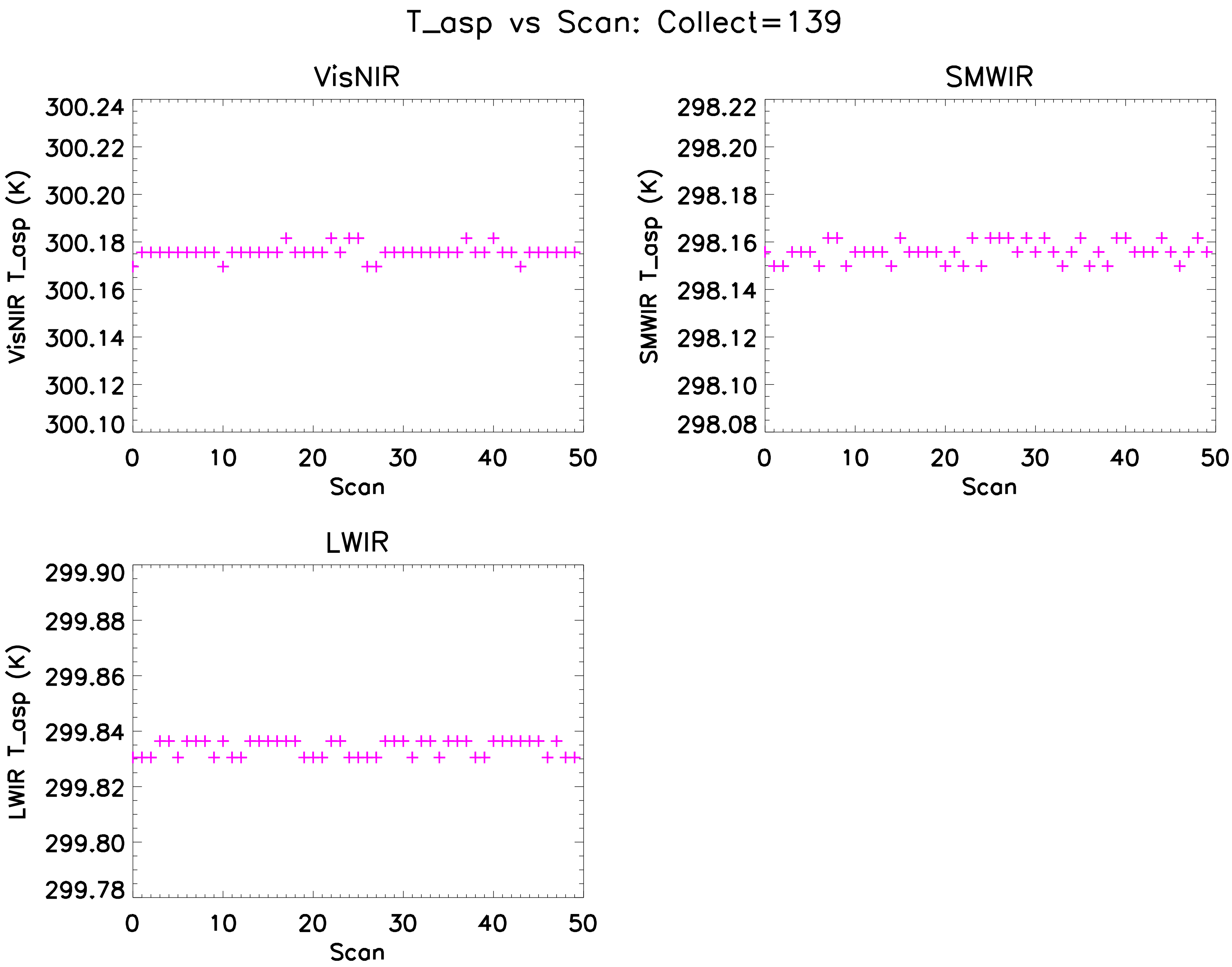


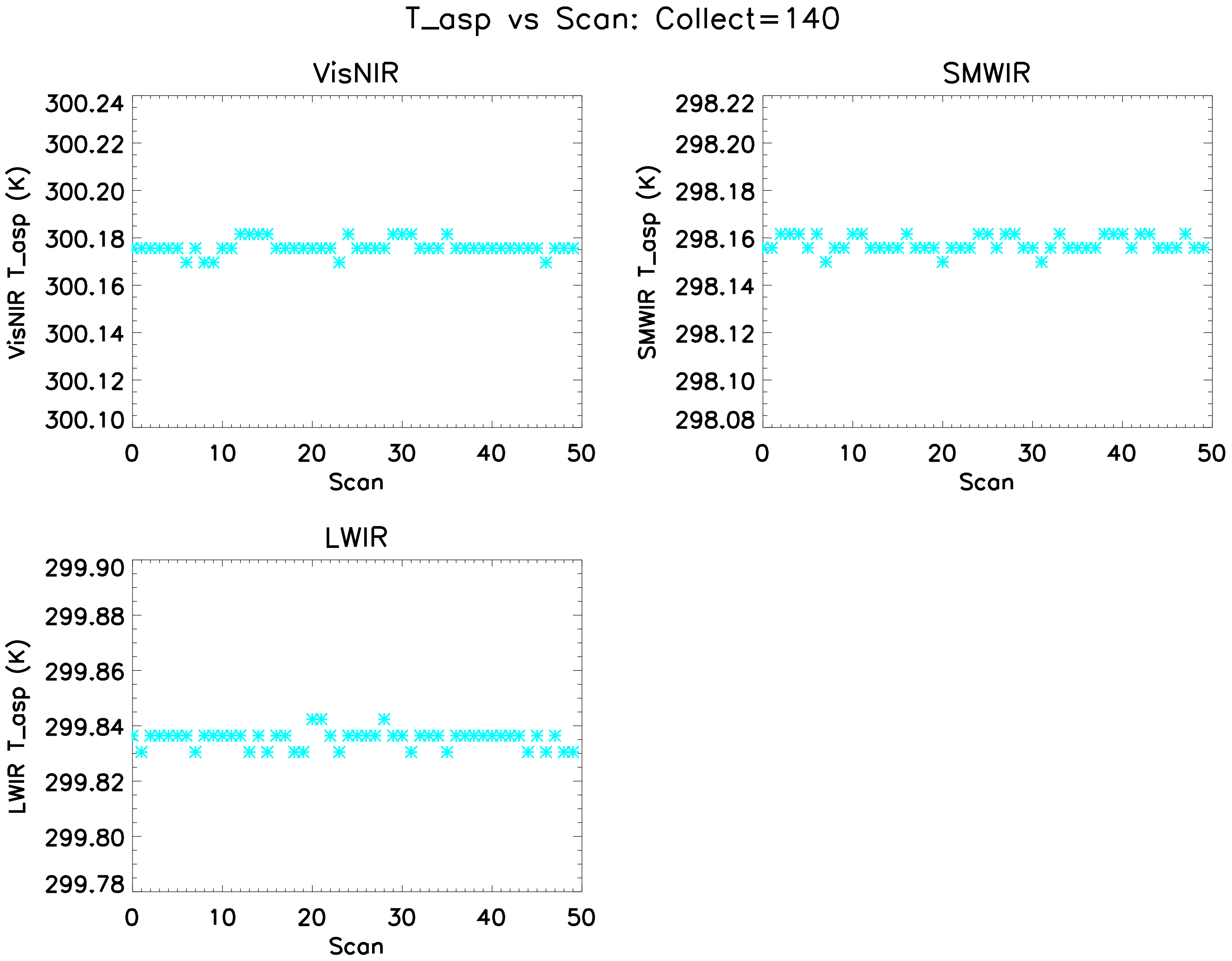
T_asp vs Scan: Collect=137

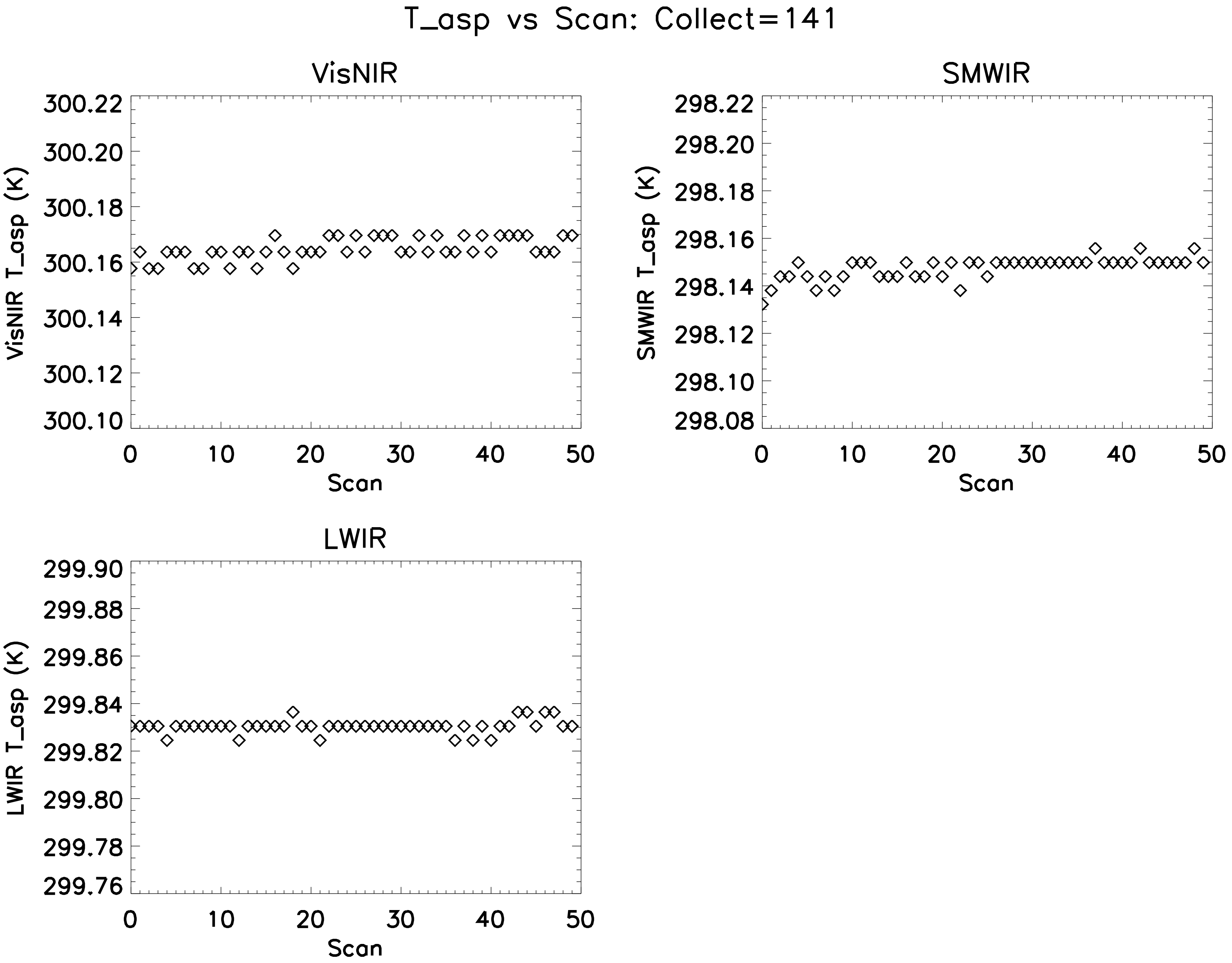


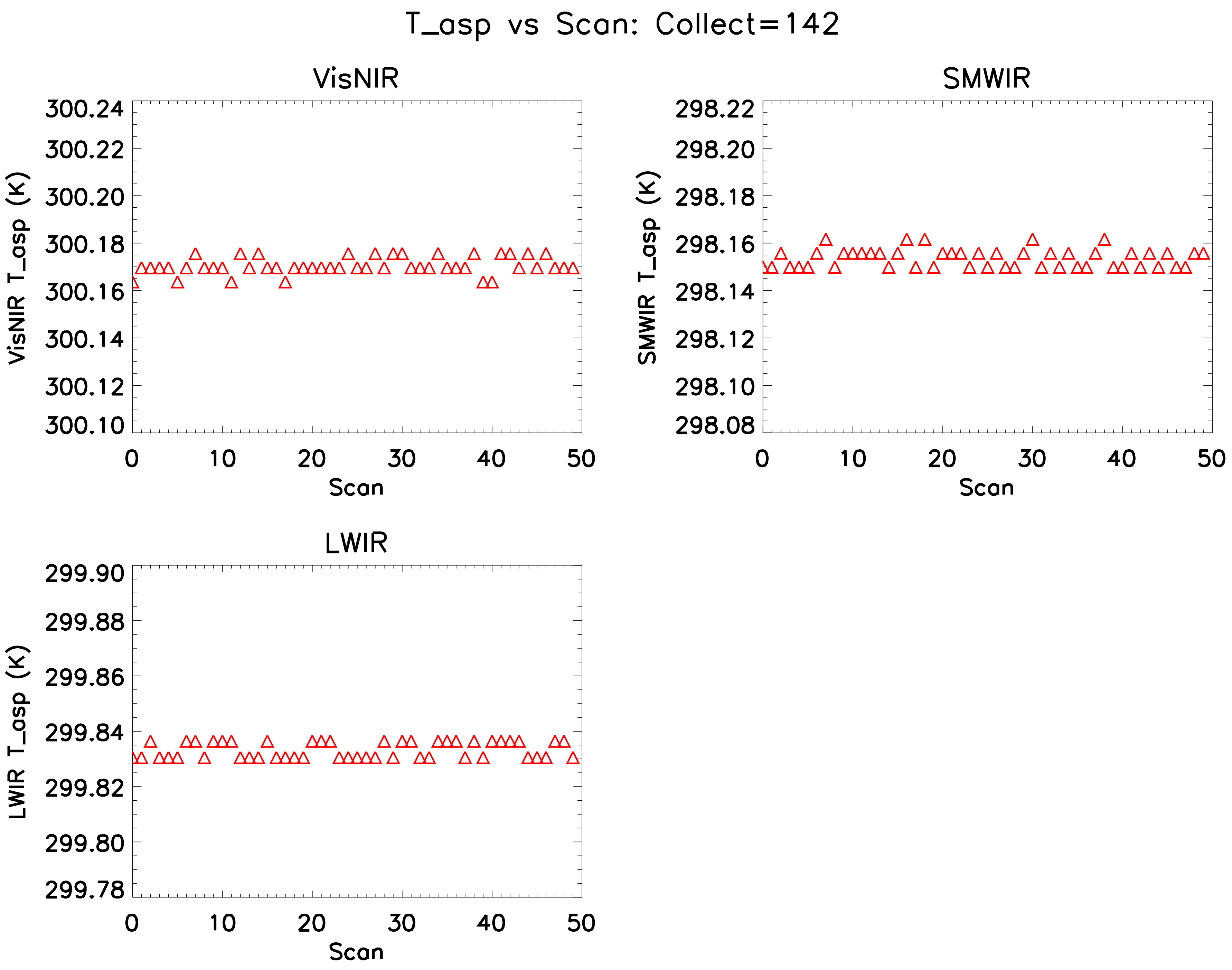
T_asp vs Scan: Collect=138



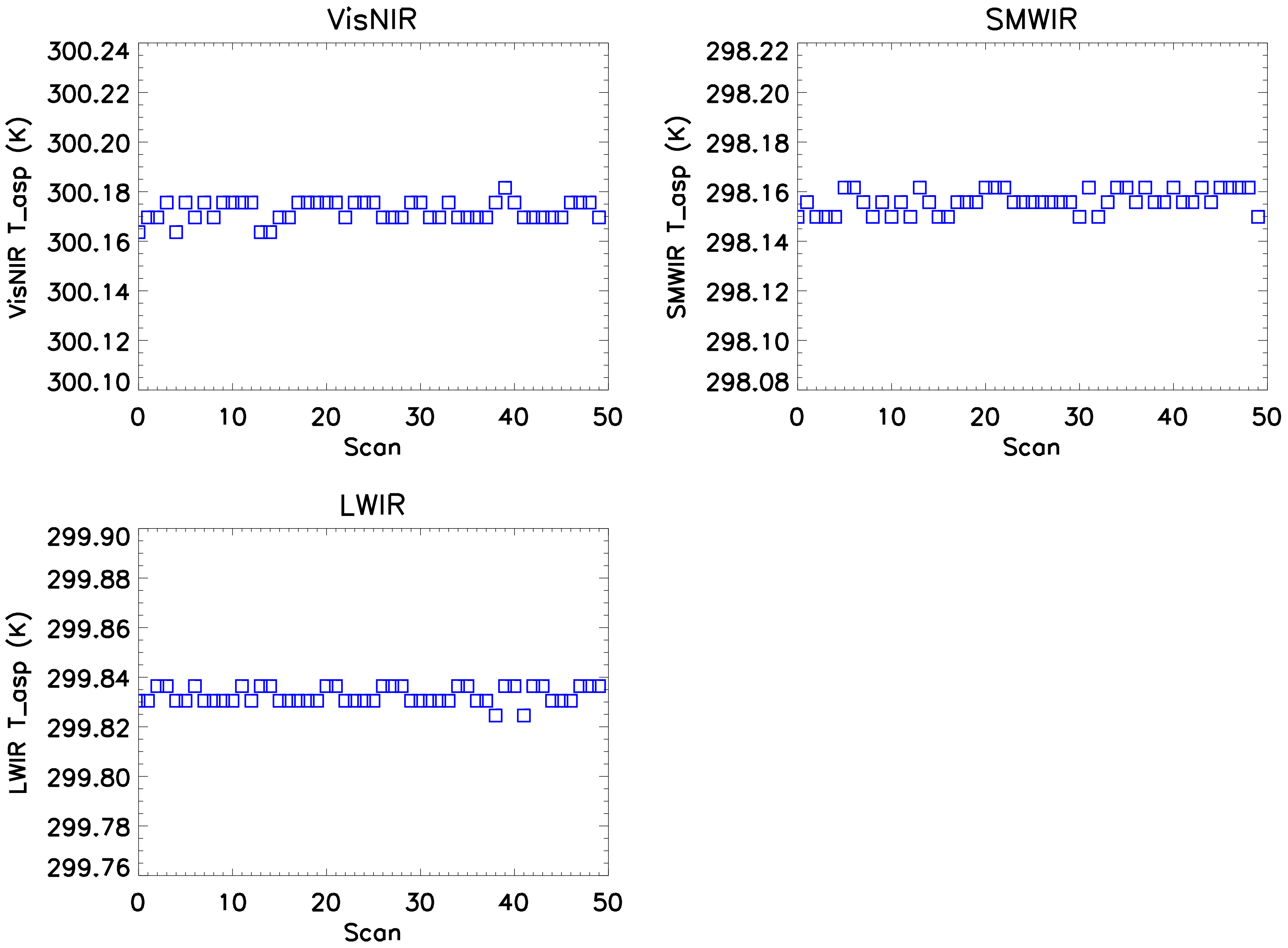

T_asp vs Scan: Collect=139
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=140
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

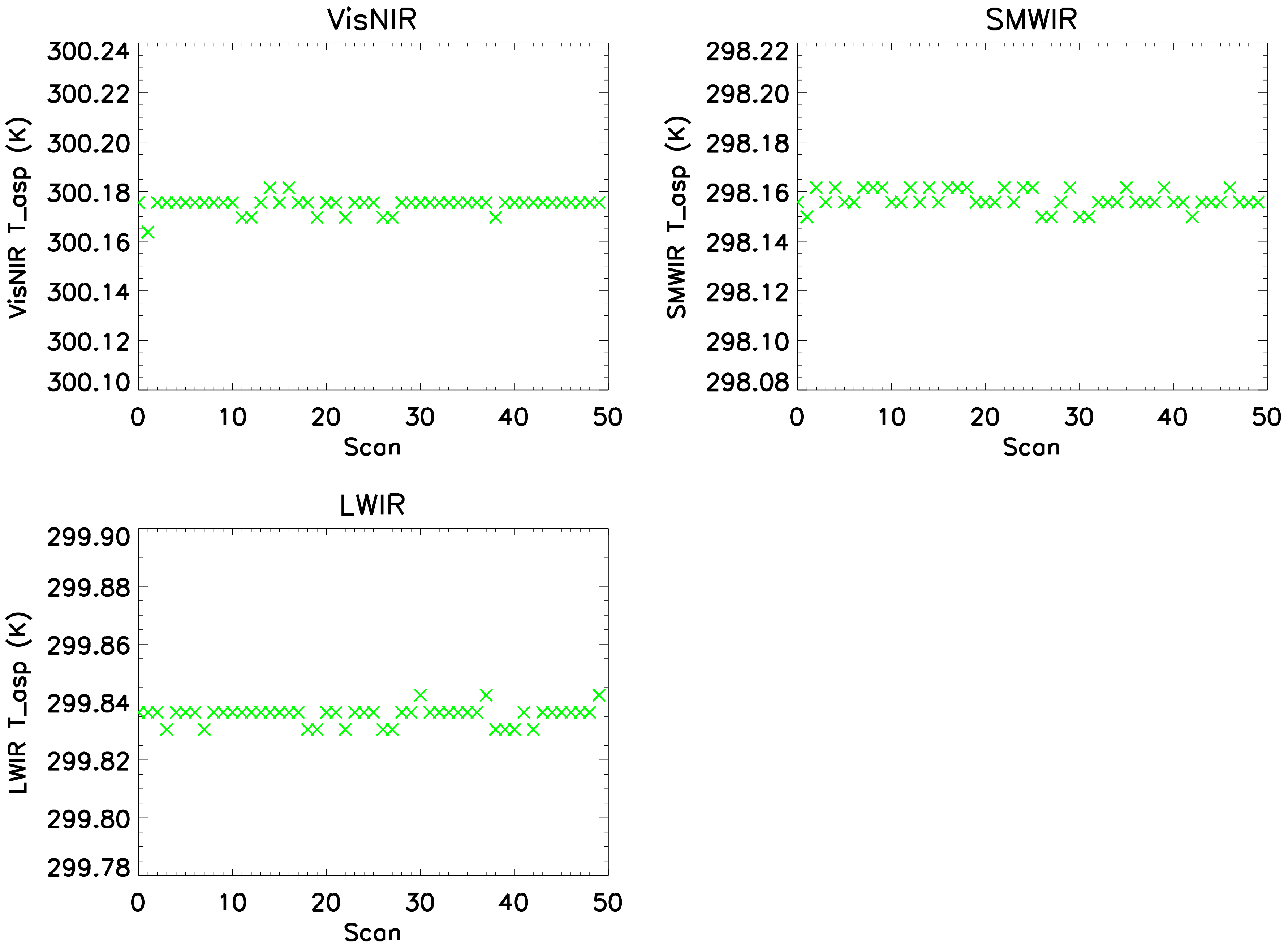

T_asp vs Scan: Collect=141
VisNIR
VisNIR T_asp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

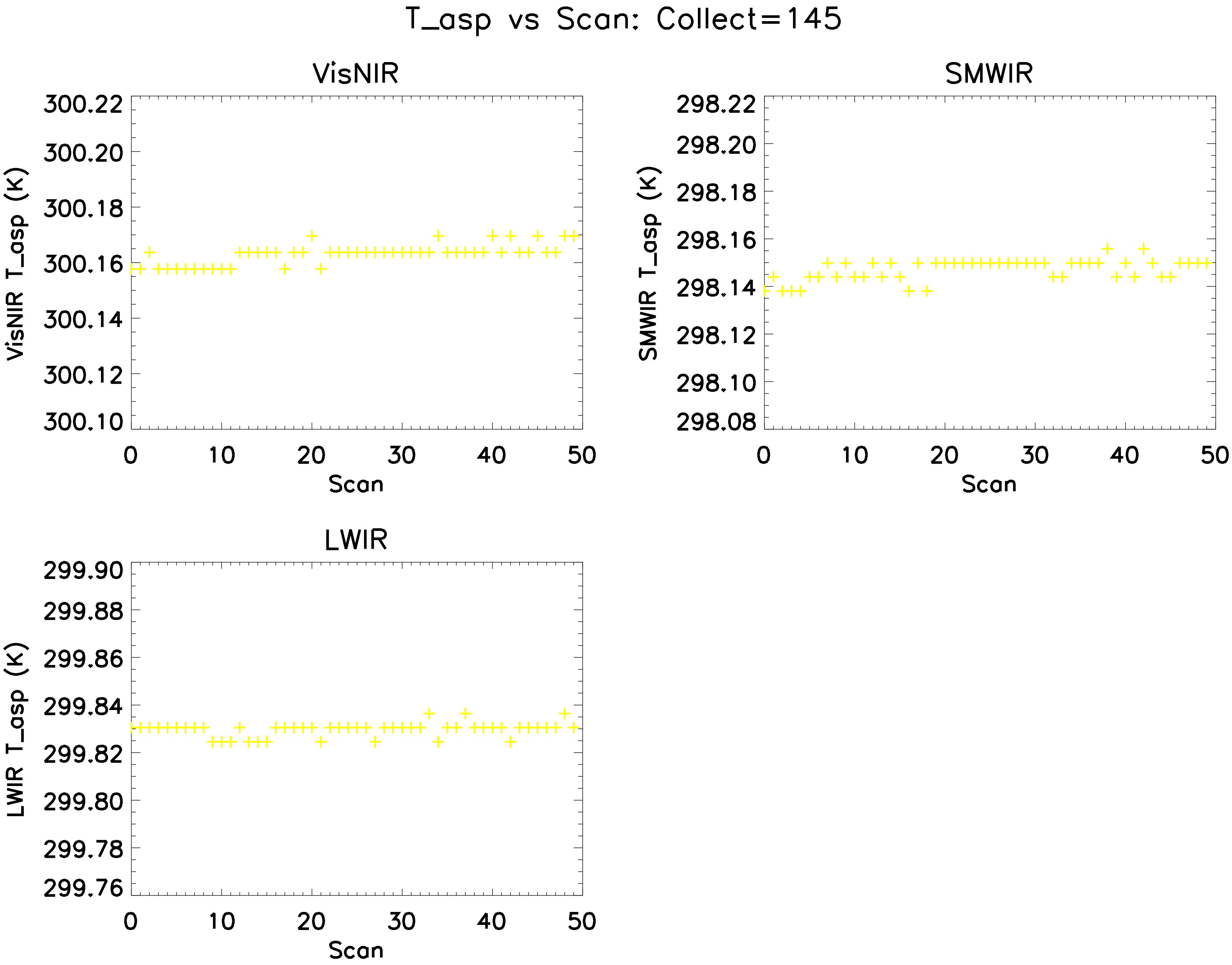

T_asp vs Scan: Collect=142
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

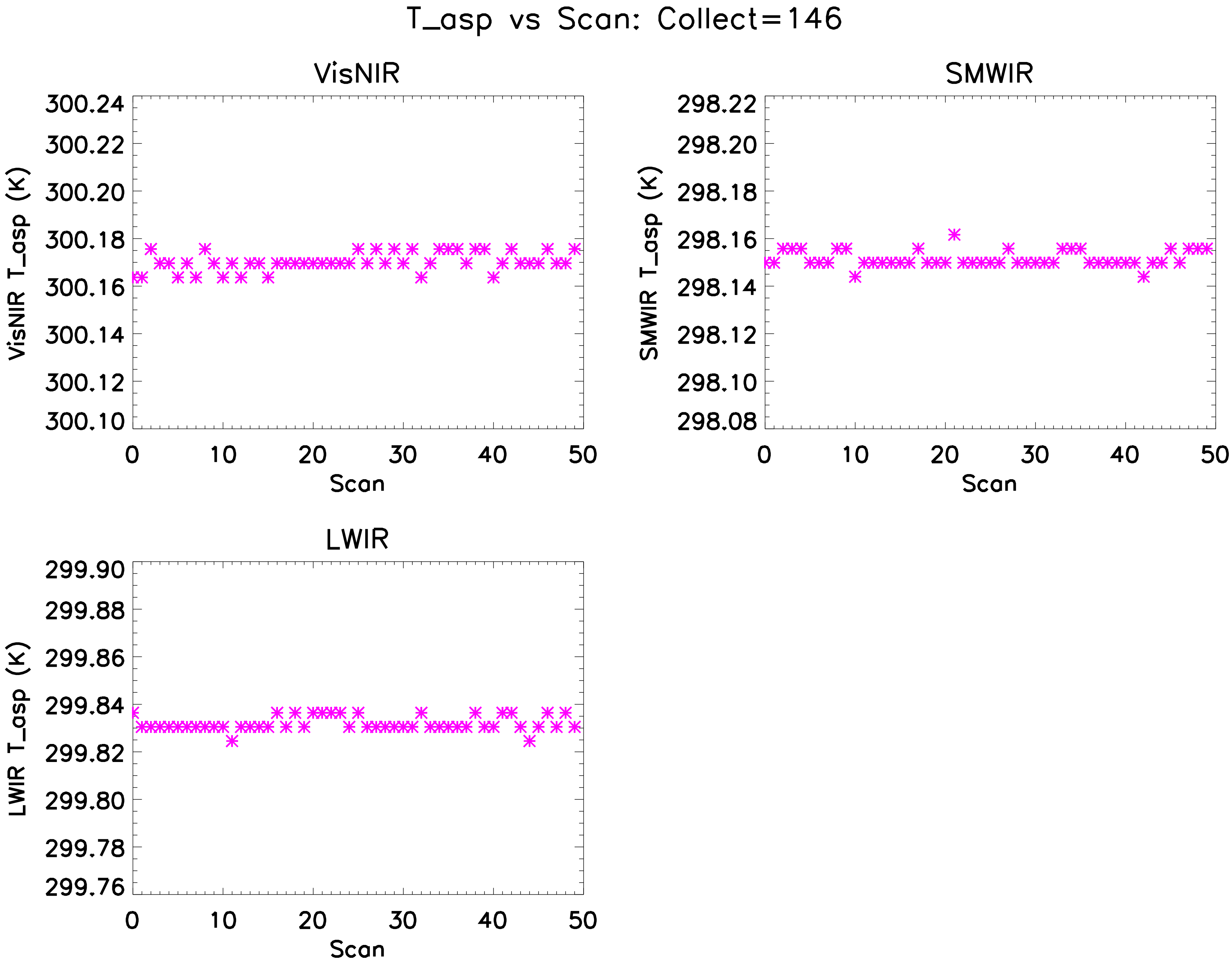
T_asp vs Scan: Collect=143



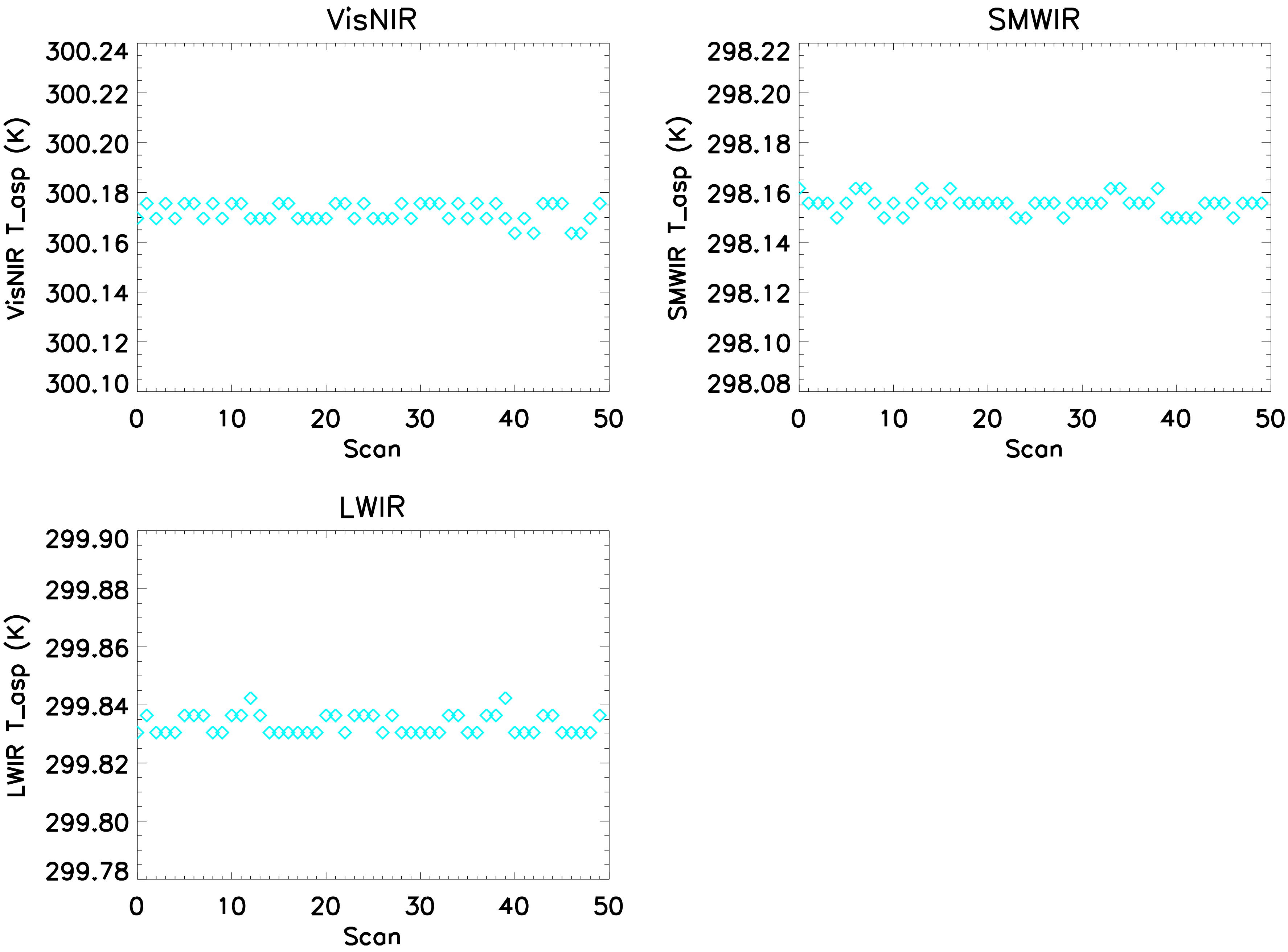
T_asp vs Scan: Collect=144

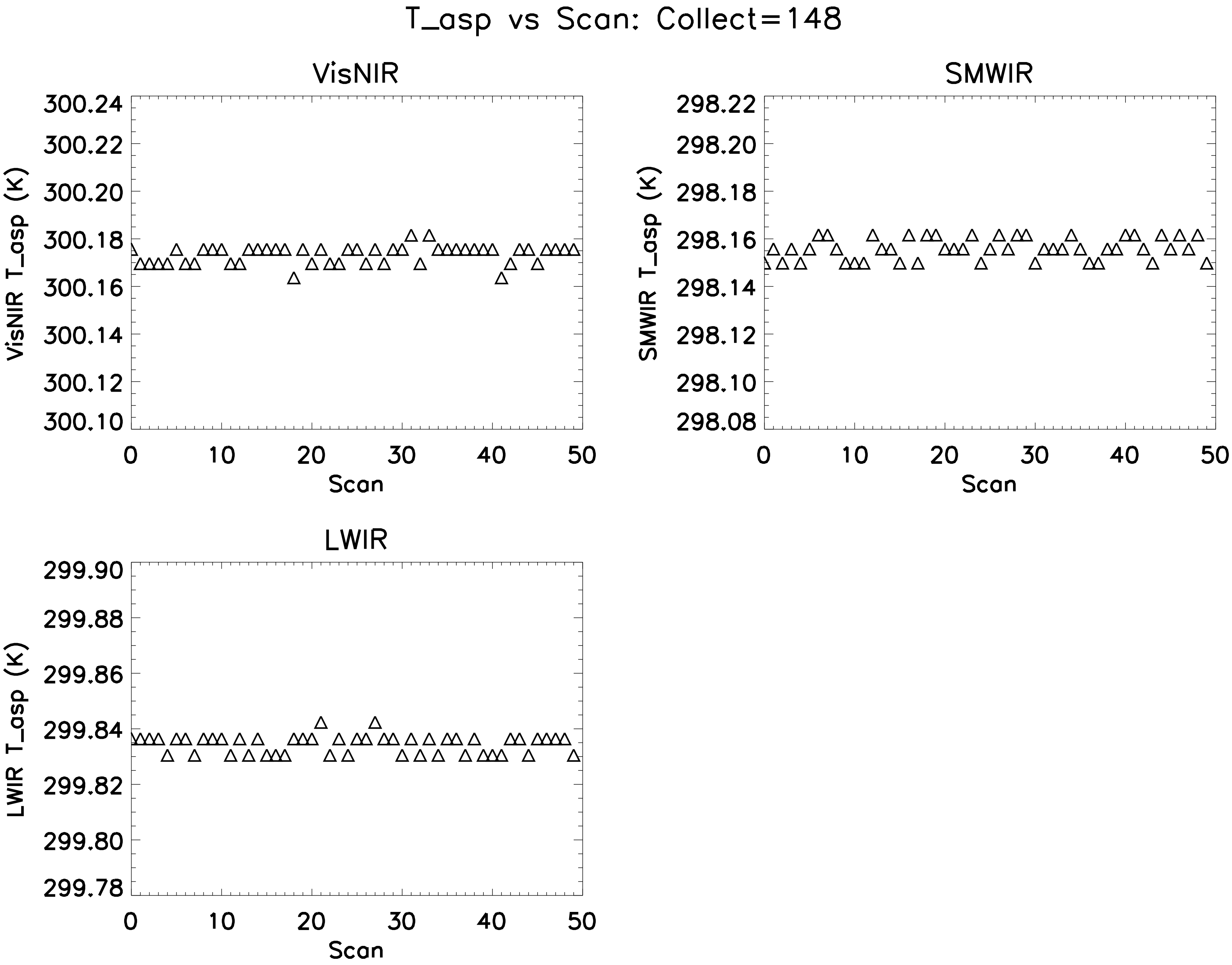



T_asp vs Scan: Collect=145
VisNIR
VisNIR T_asp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

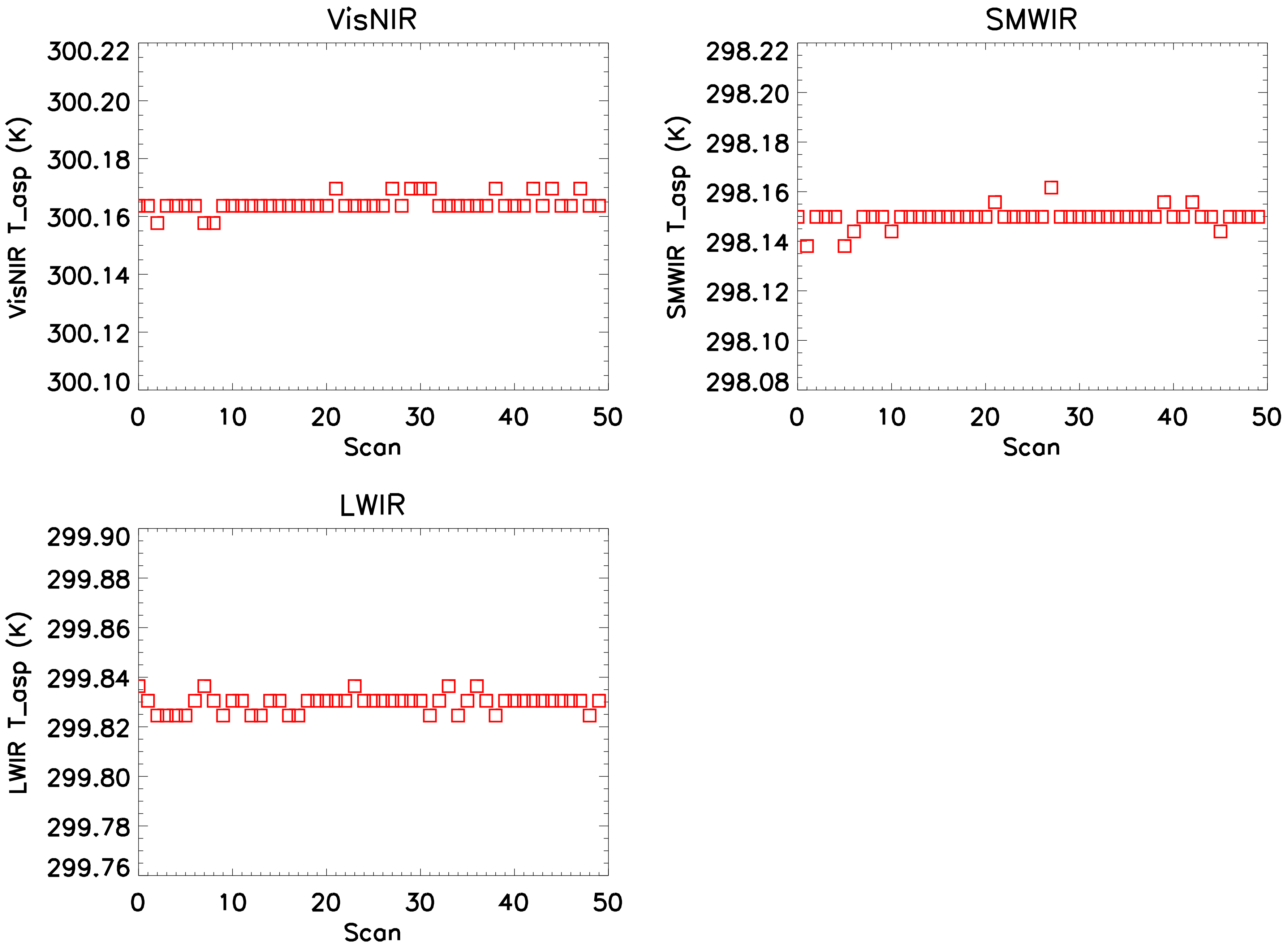

T_asp vs Scan: Collect=146
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

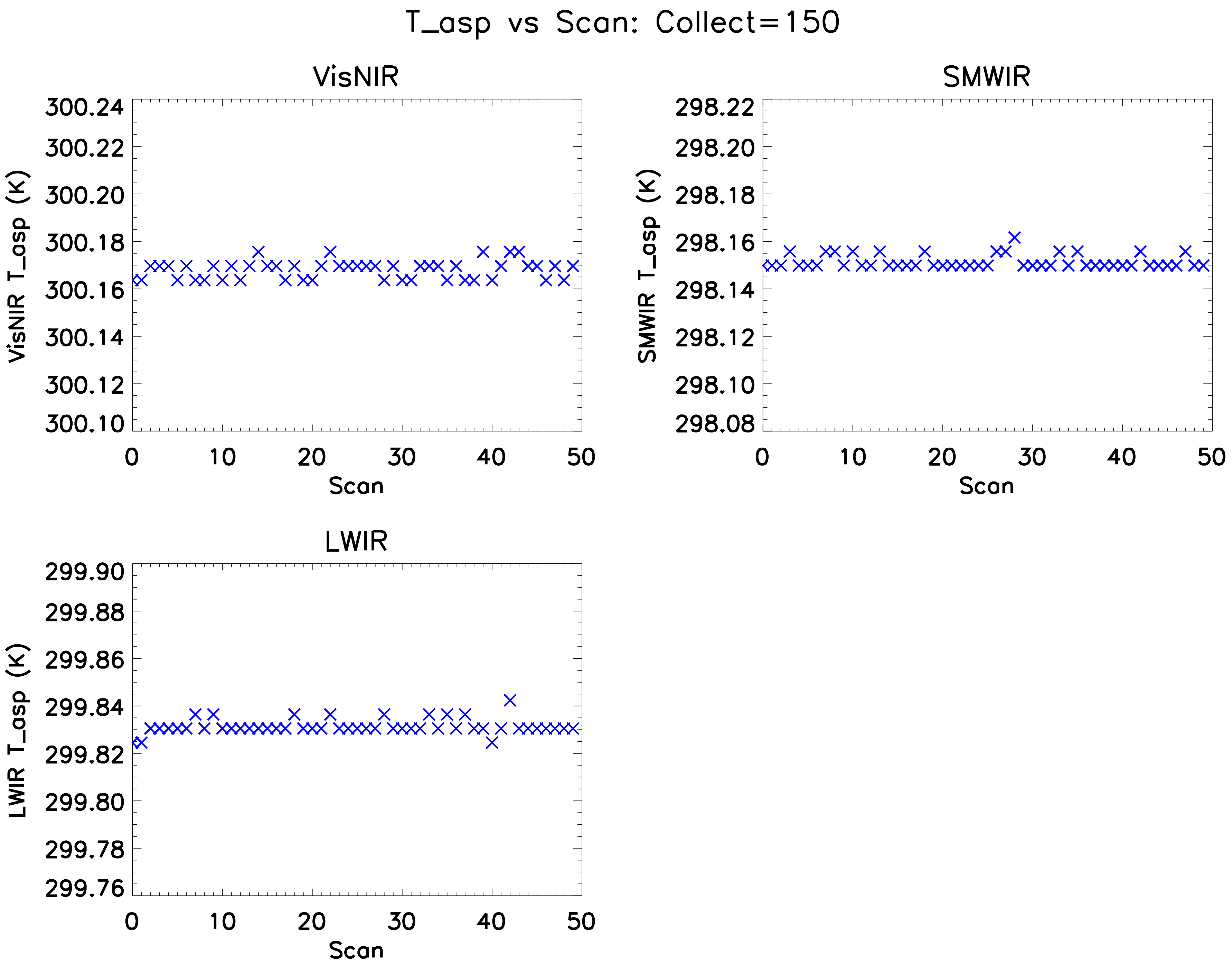
T_asp vs Scan: Collect=147



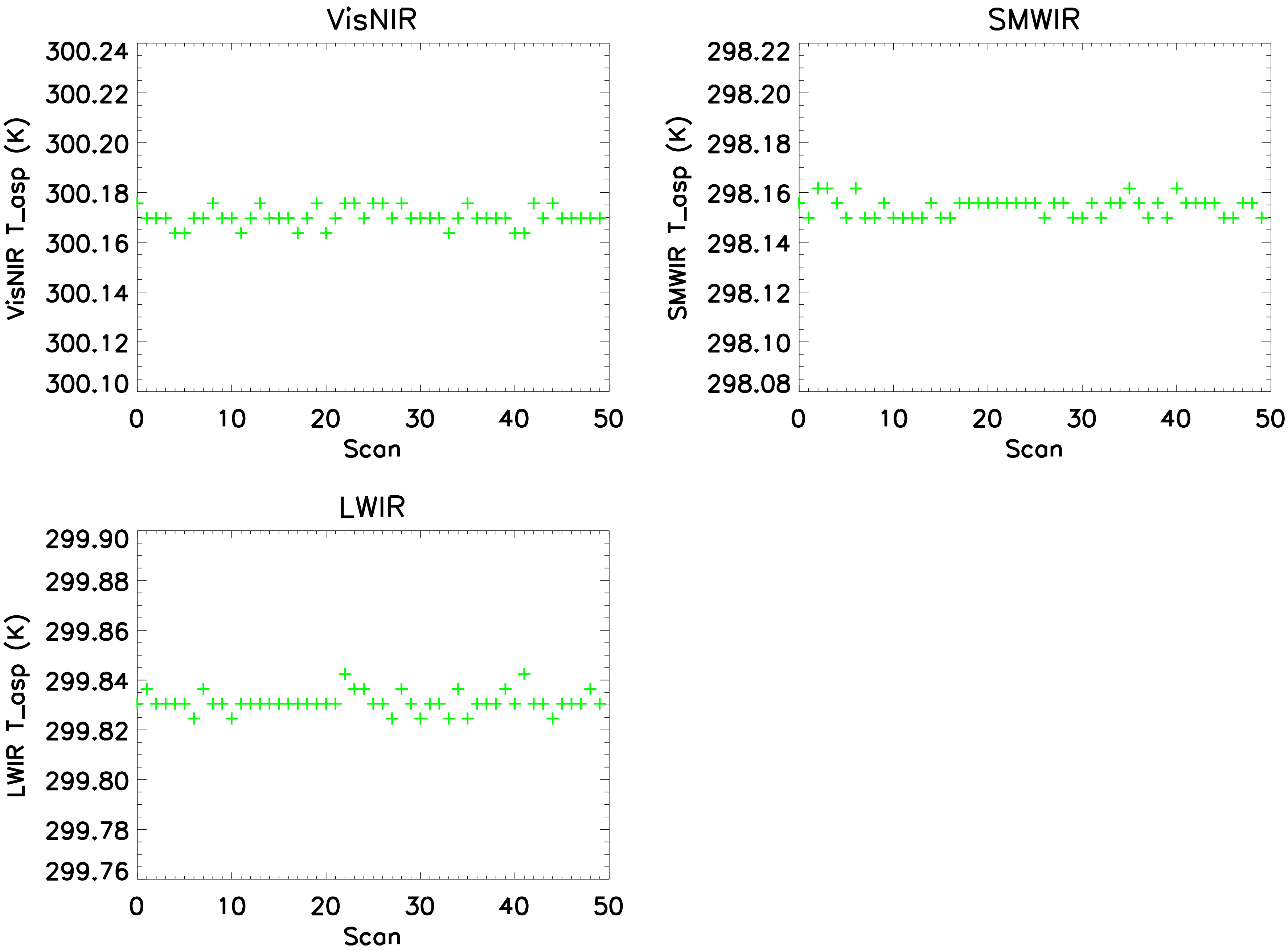

T_asp vs Scan: Collect=148
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
0
10
20
30
40
50
Scan

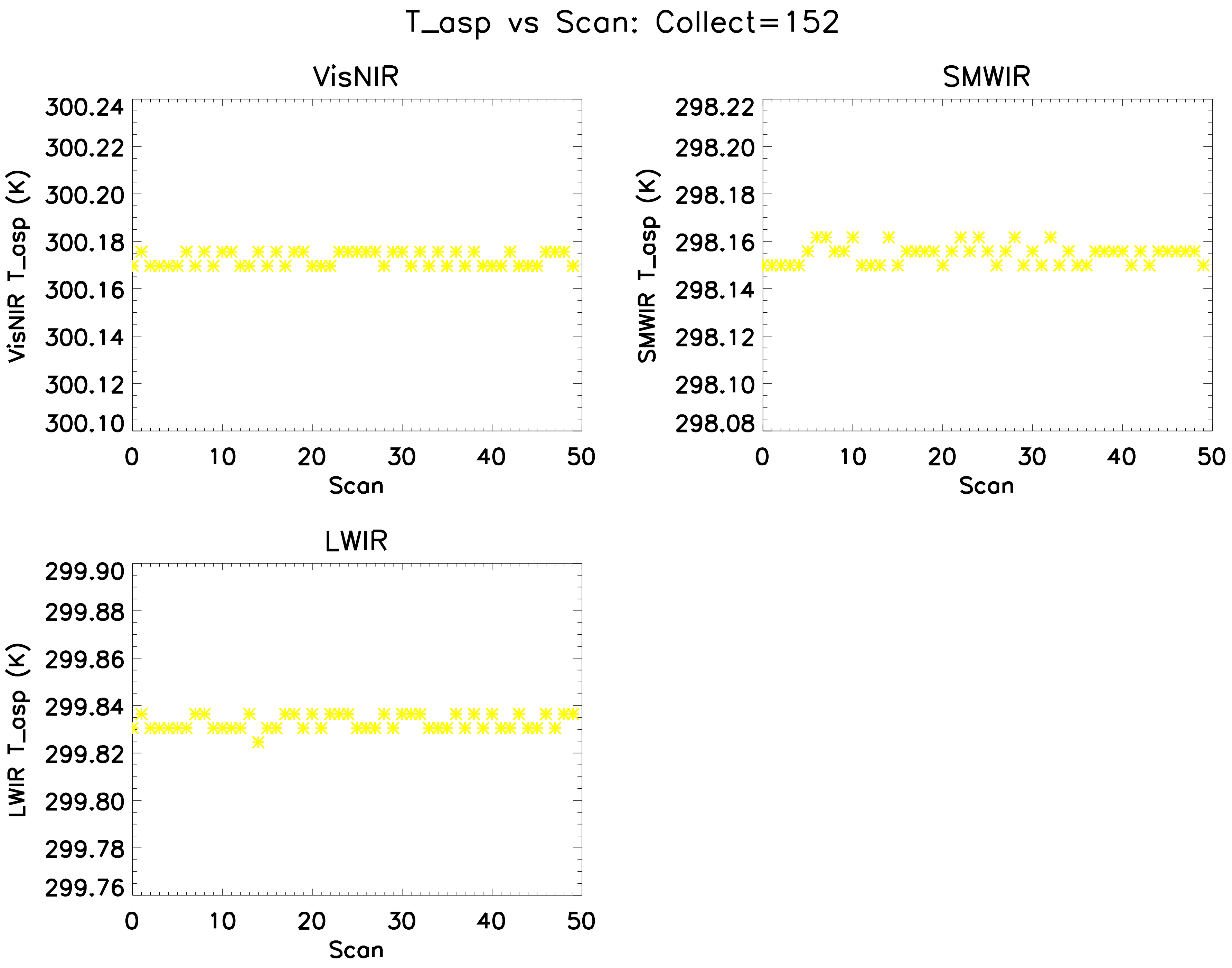
T_asp vs Scan: Collect=149



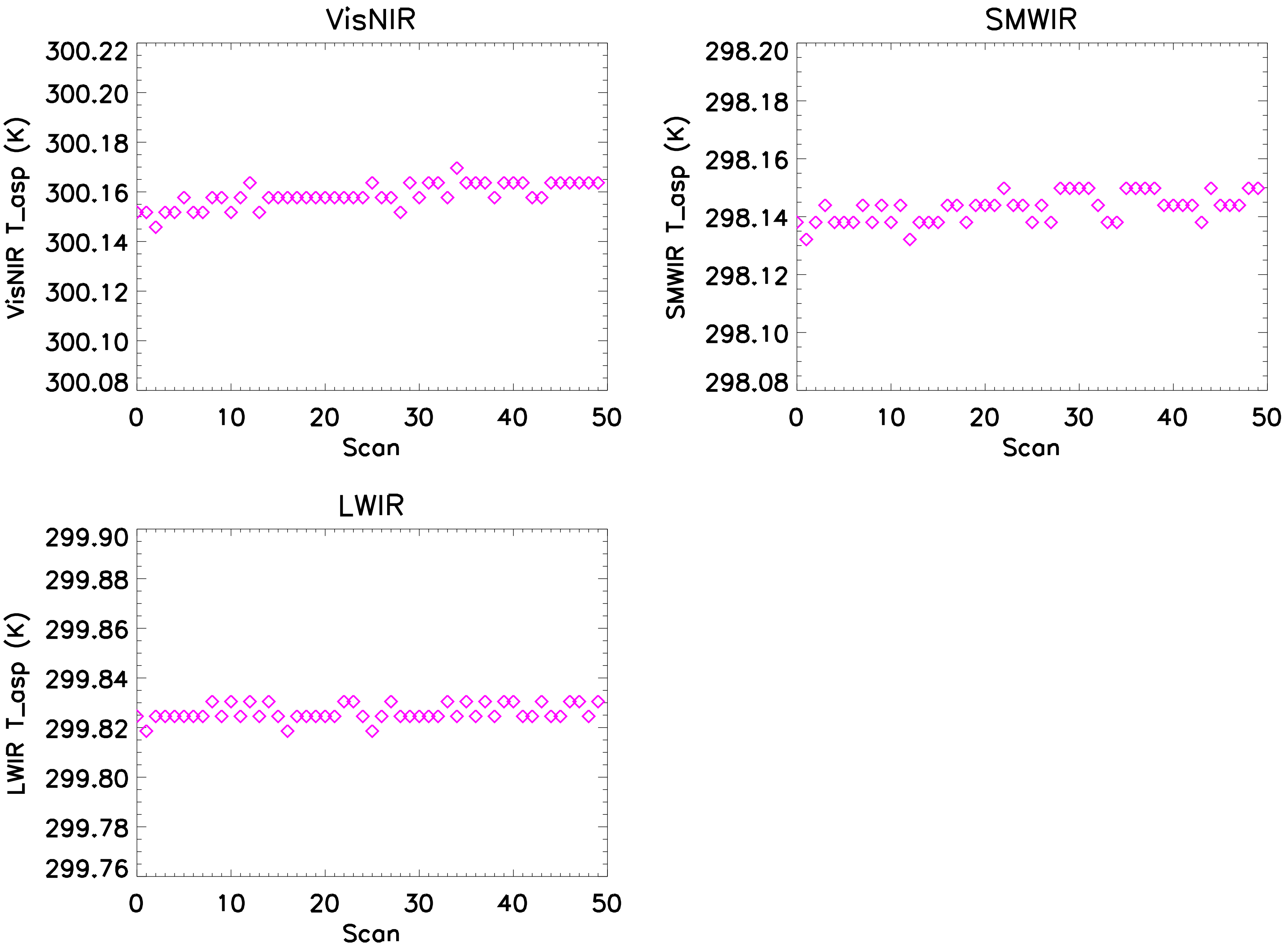

T_asp vs Scan: Collect=150
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

T_asp vs Scan: Collect=151

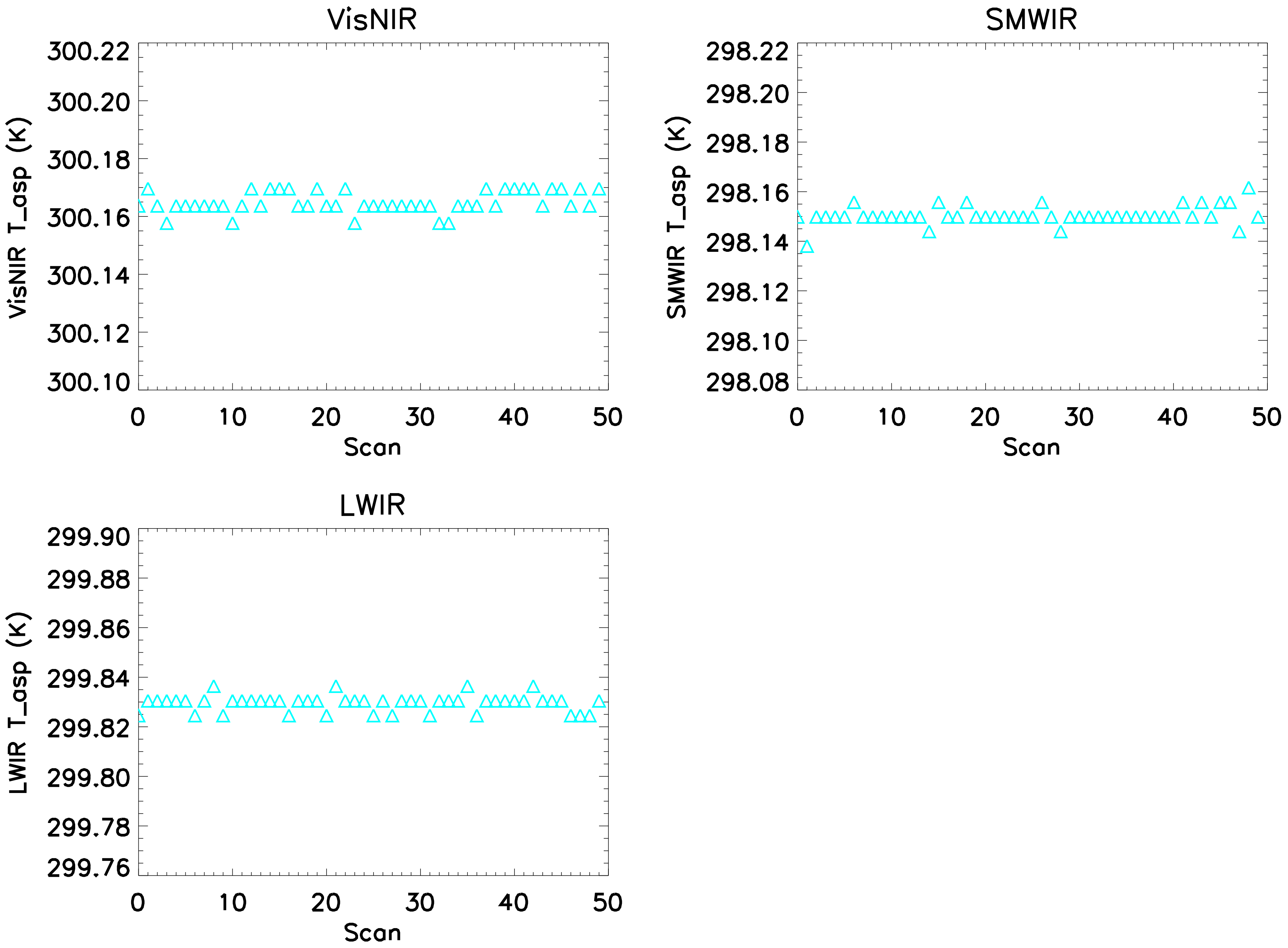



T_asp vs Scan: Collect=152
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

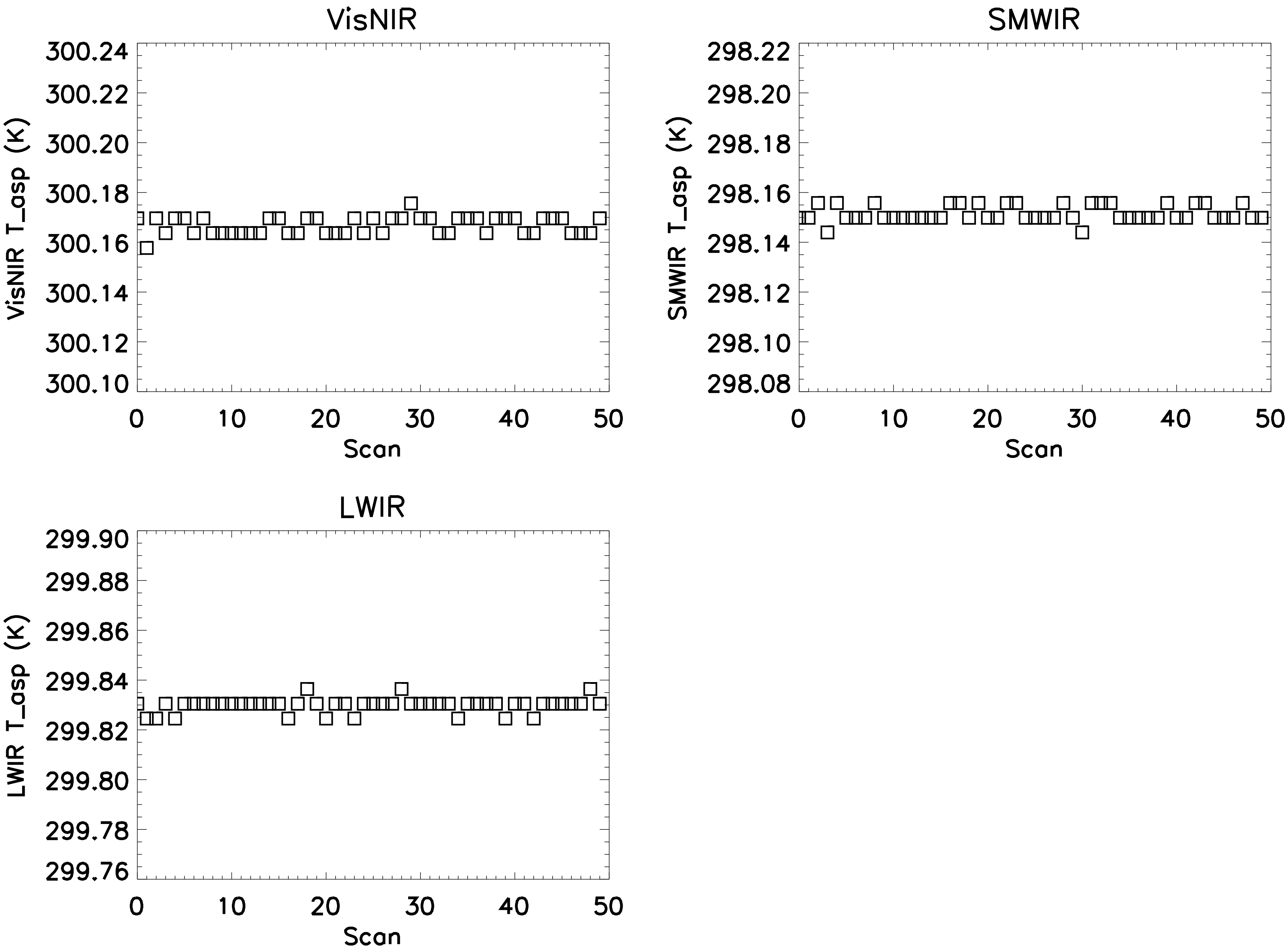
T_asp vs Scan: Collect=153

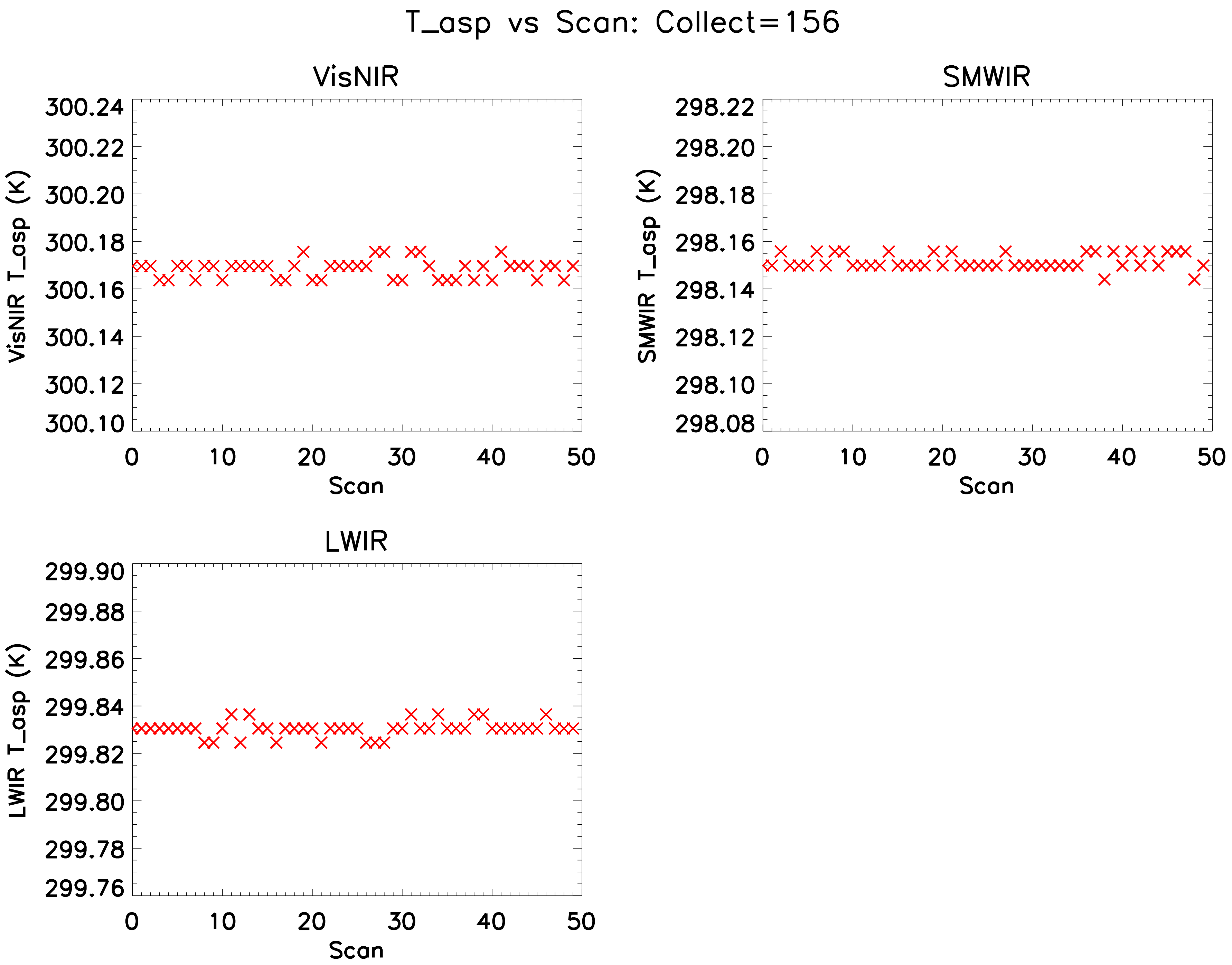


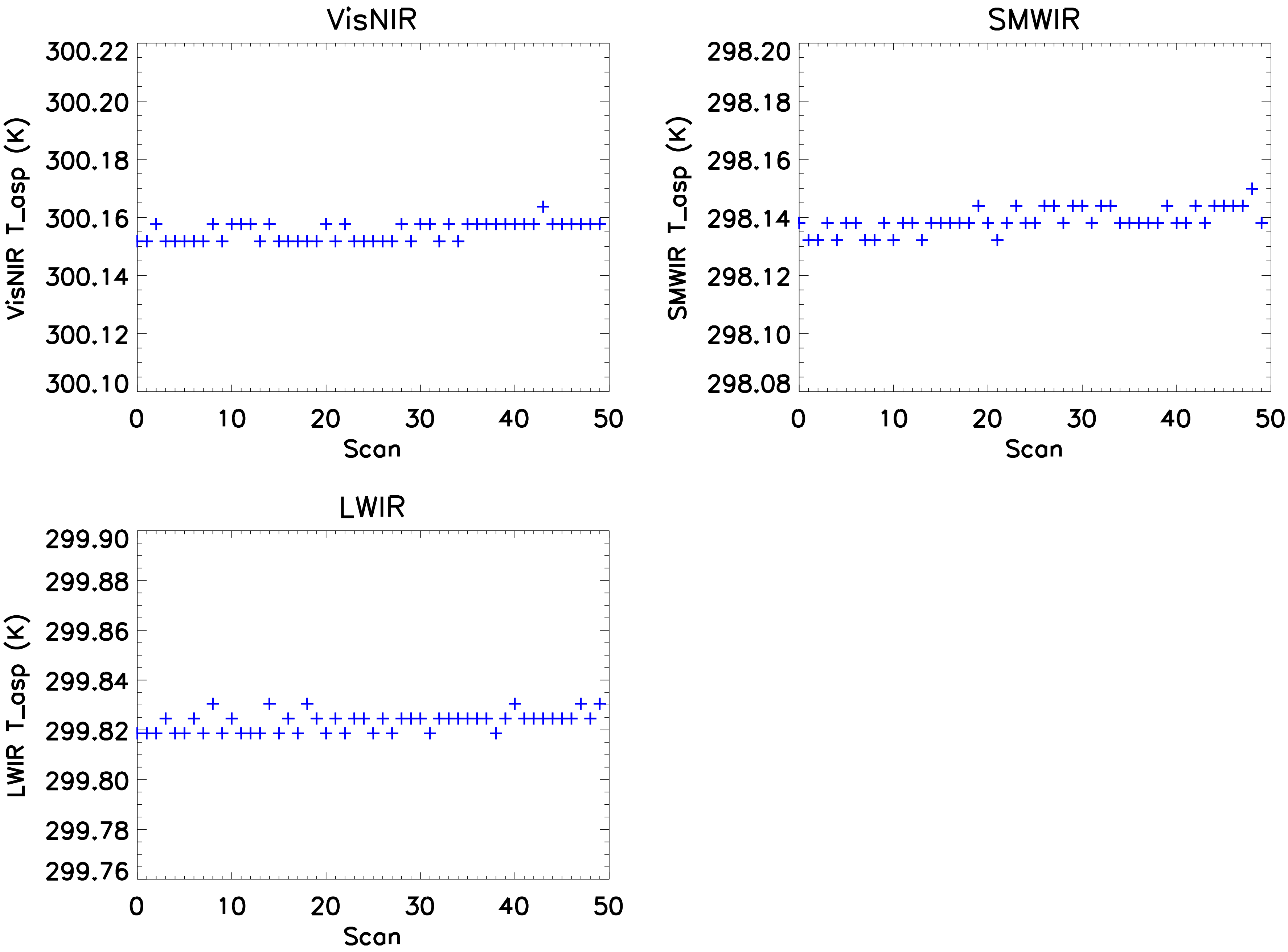
T_asp vs Scan: Collect=154



T_asp vs Scan: Collect=155

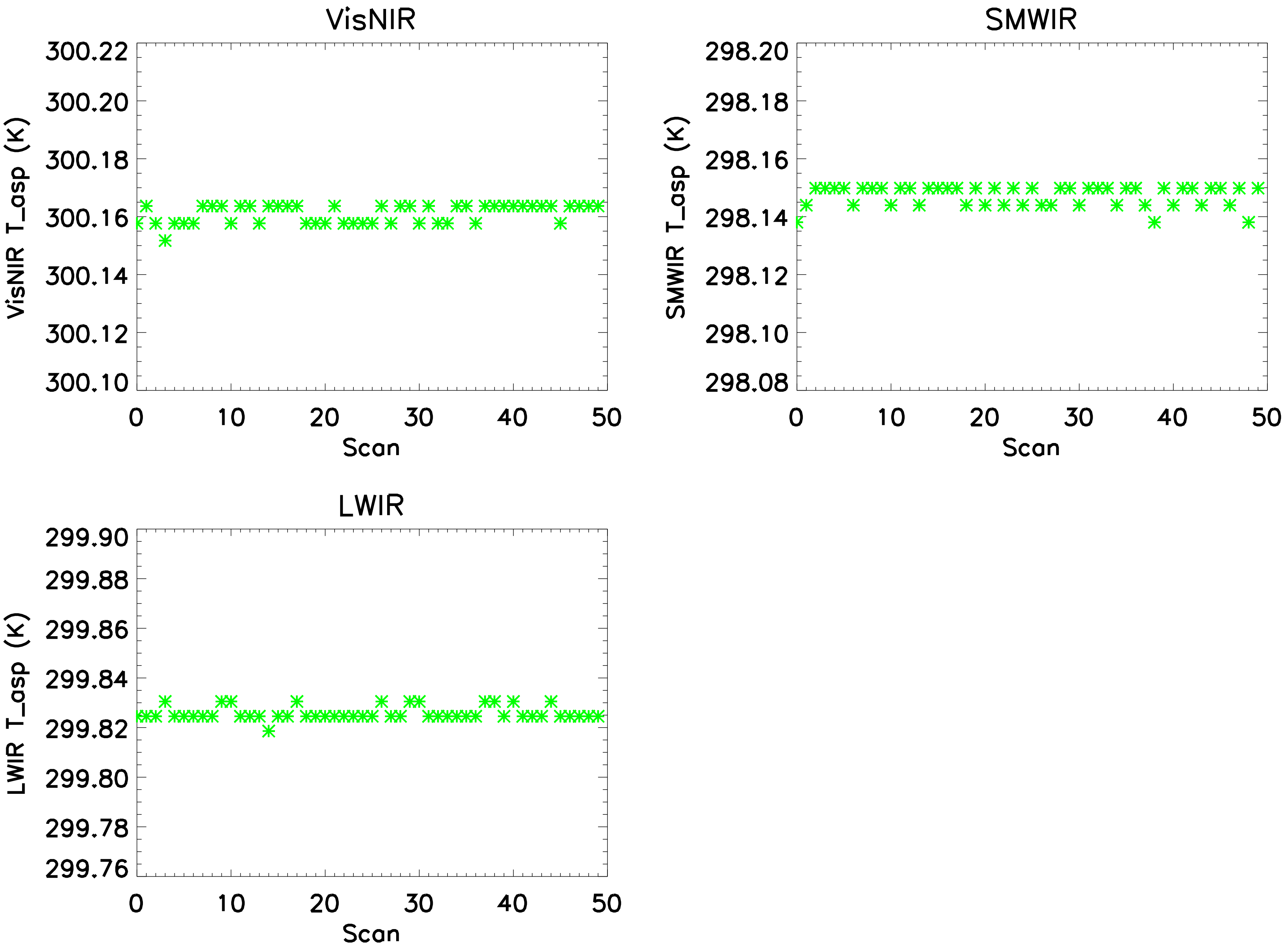


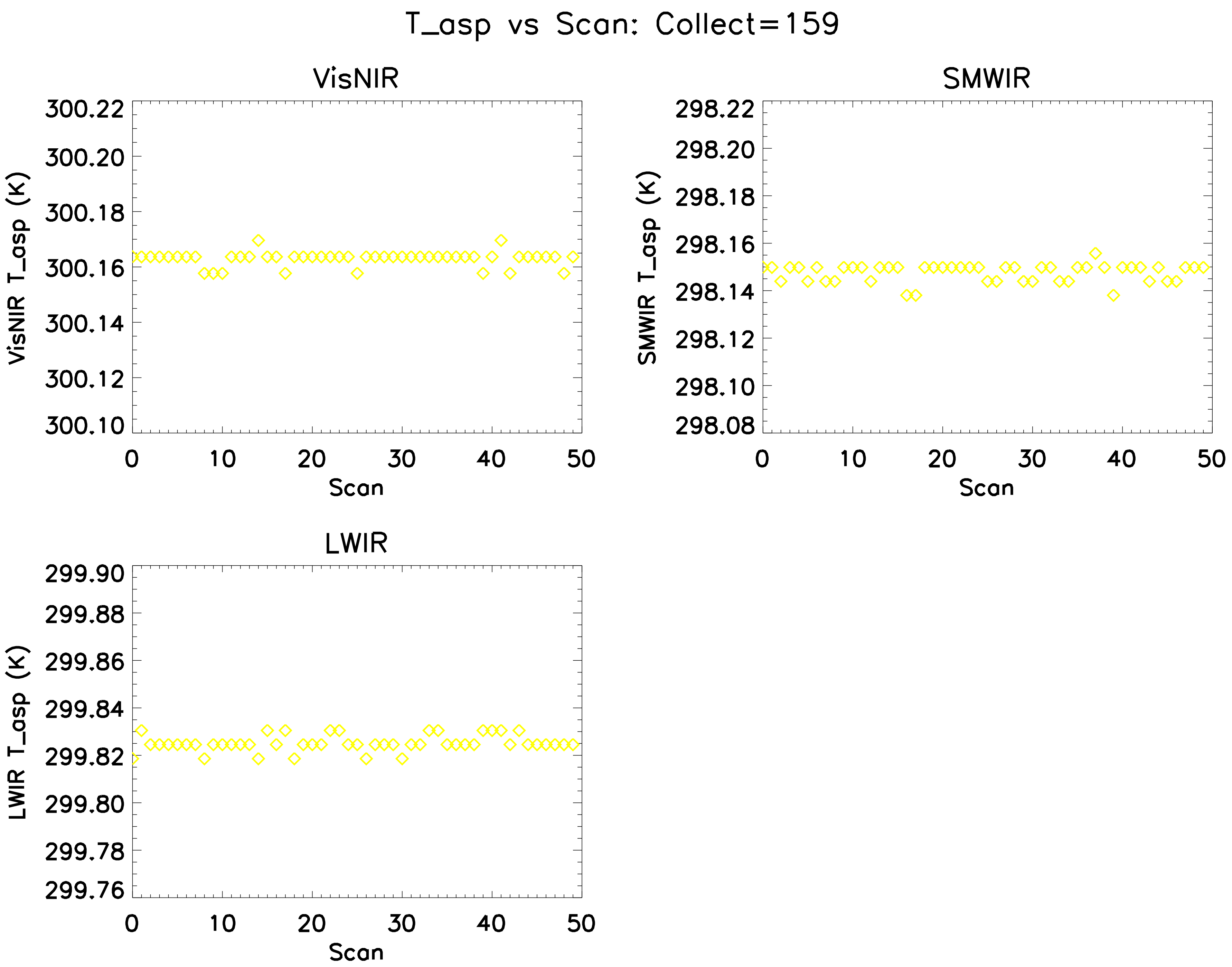

T_asp vs Scan: Collect=156
VisNIR
VisNIR T_asp (K)
300.24
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan



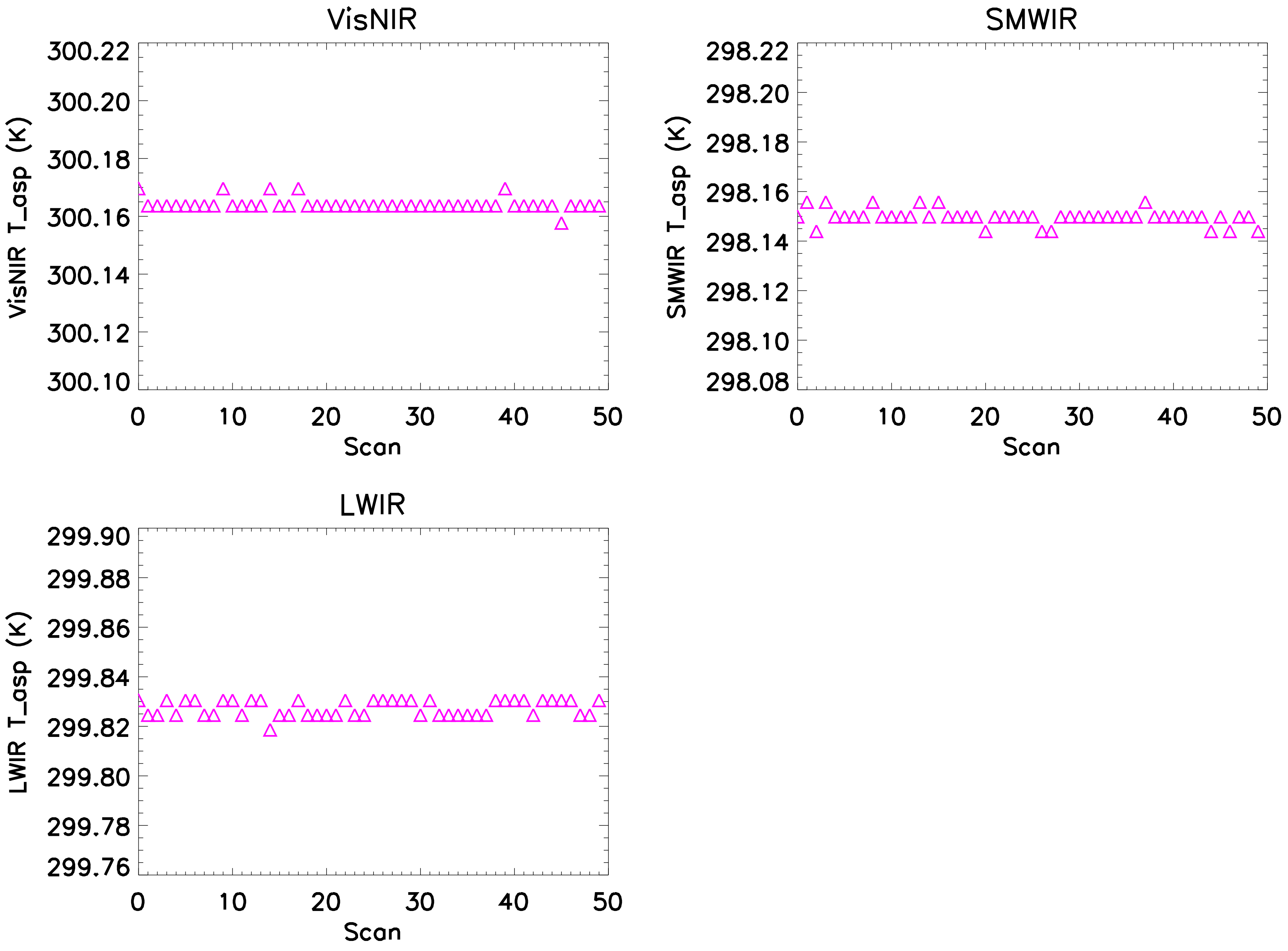
T_asp vs Scan: Collect=157

T_asp vs Scan: Collect=158

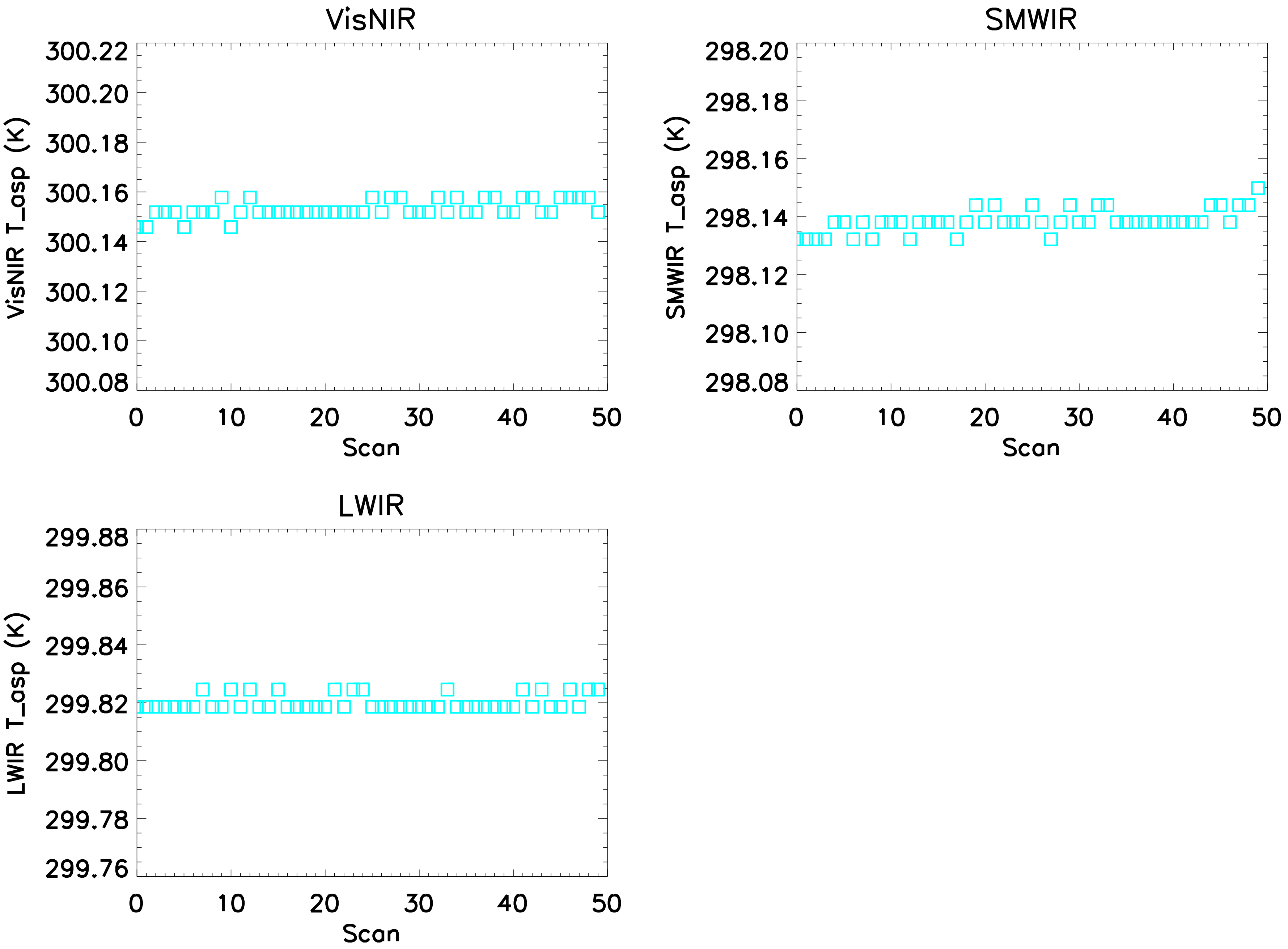


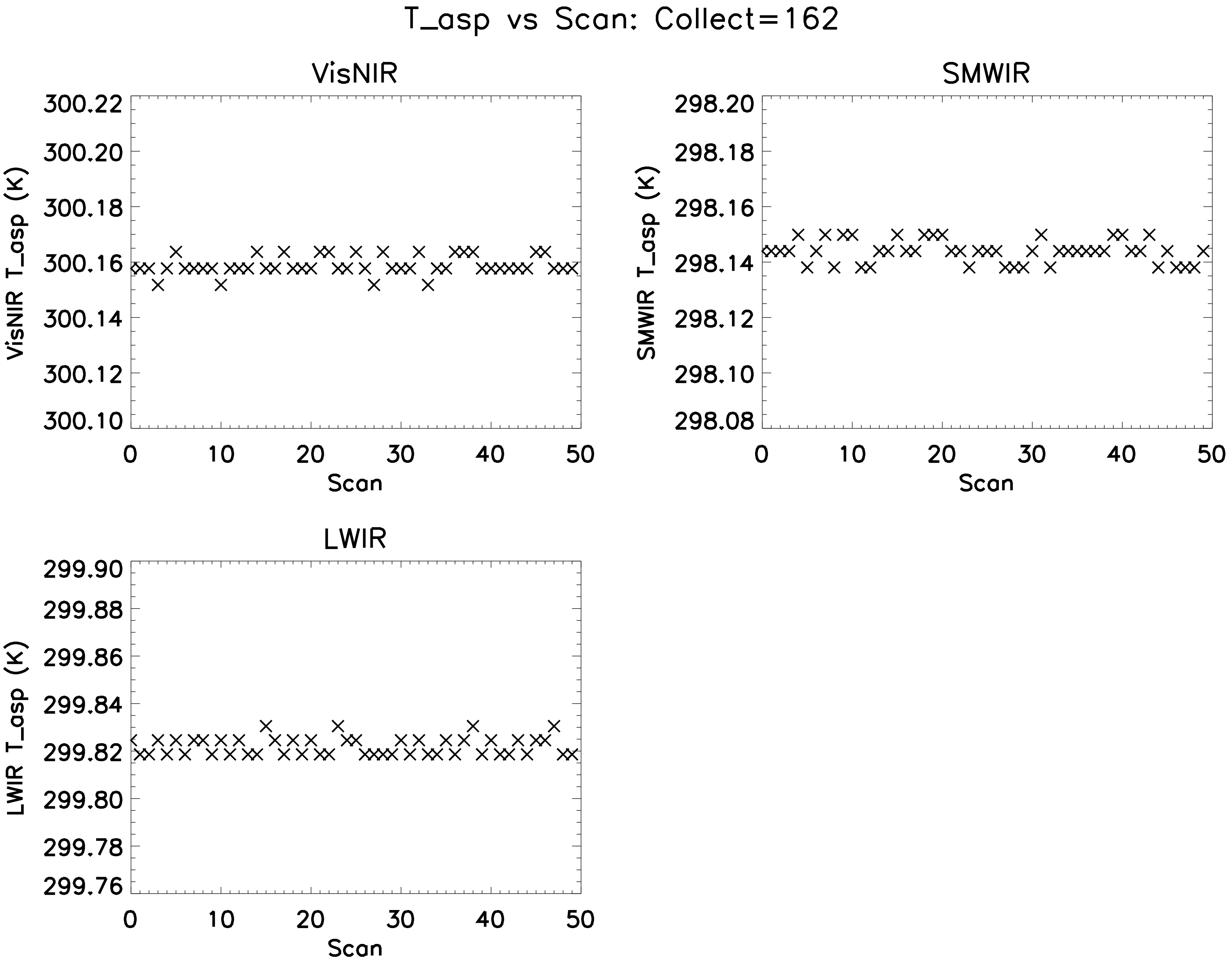

T_asp vs Scan: Collect=159
VisNIR
VisNIR T_asp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.22
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

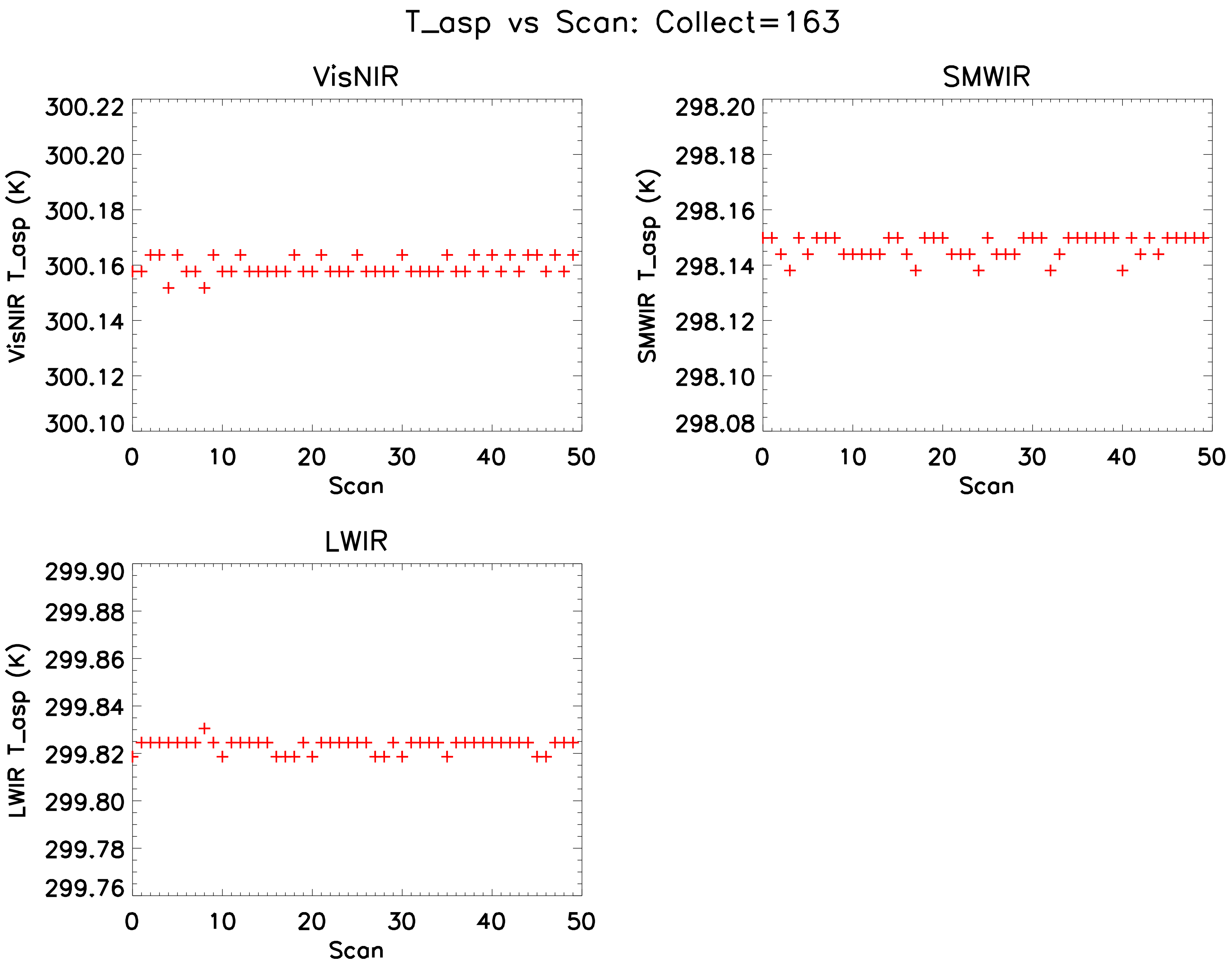
T_asp vs Scan: Collect=160

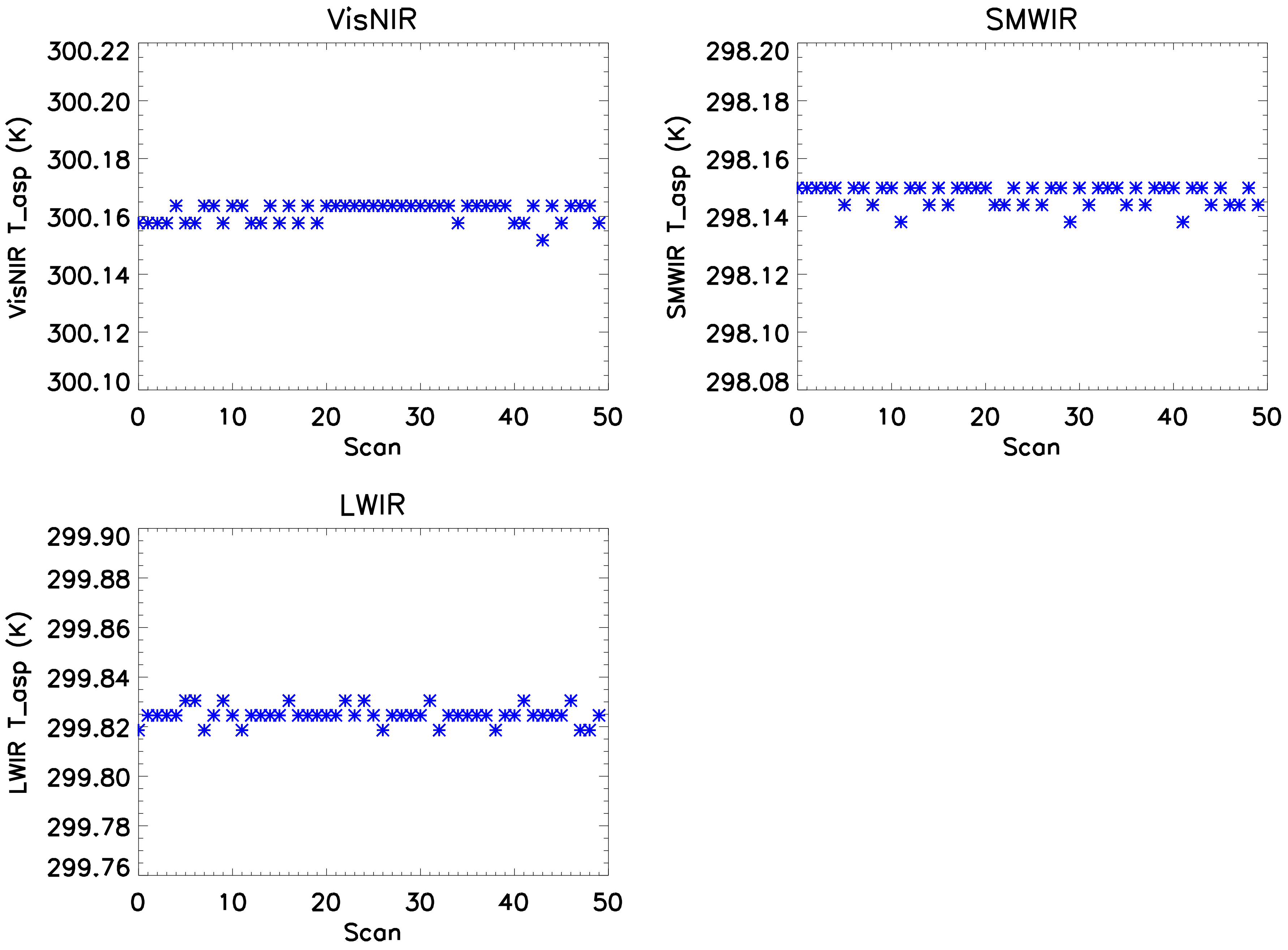


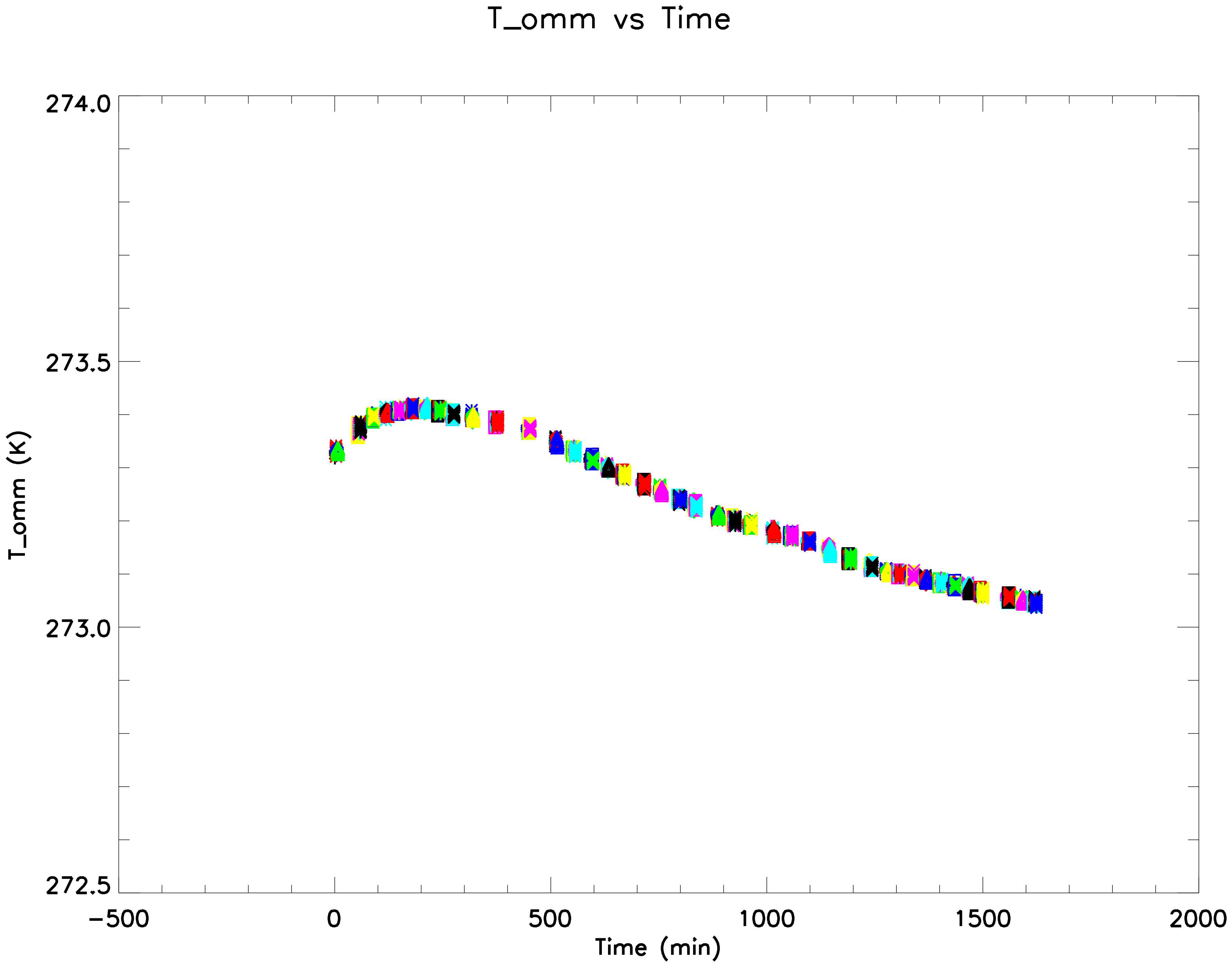
T_asp vs Scan: Collect=161

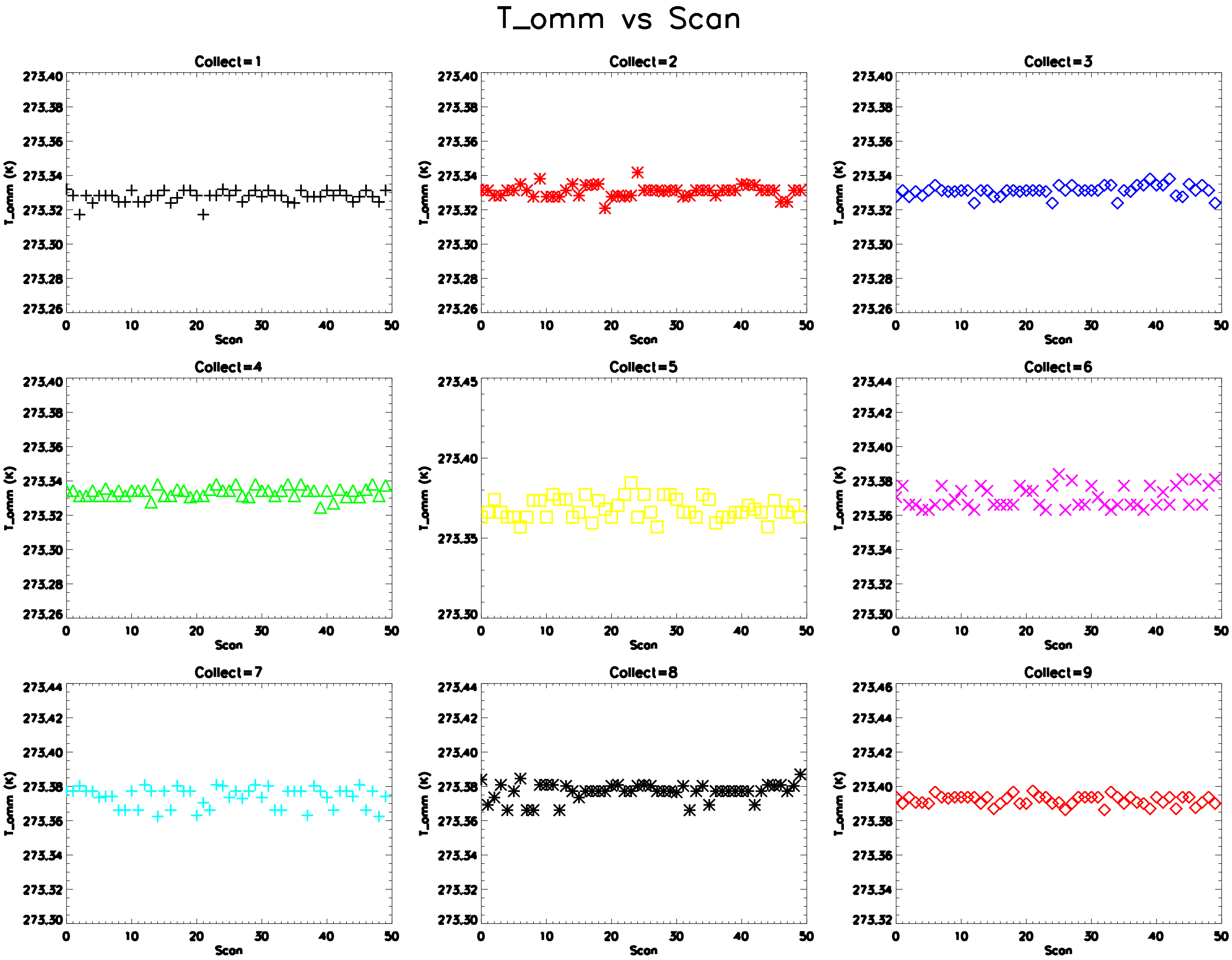


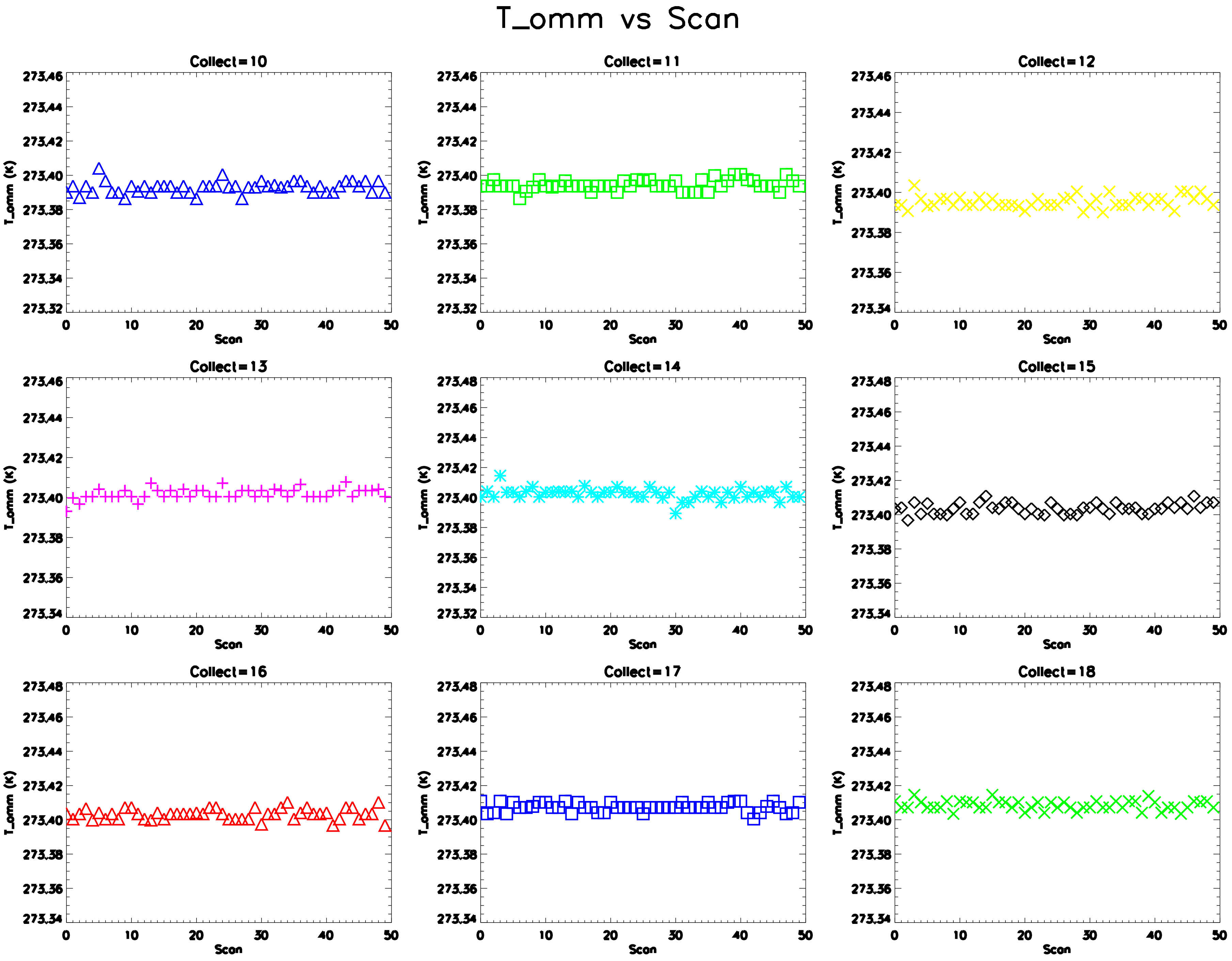

T_asp vs Scan: Collect=162
VisNIR
VisNIR T_asp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan

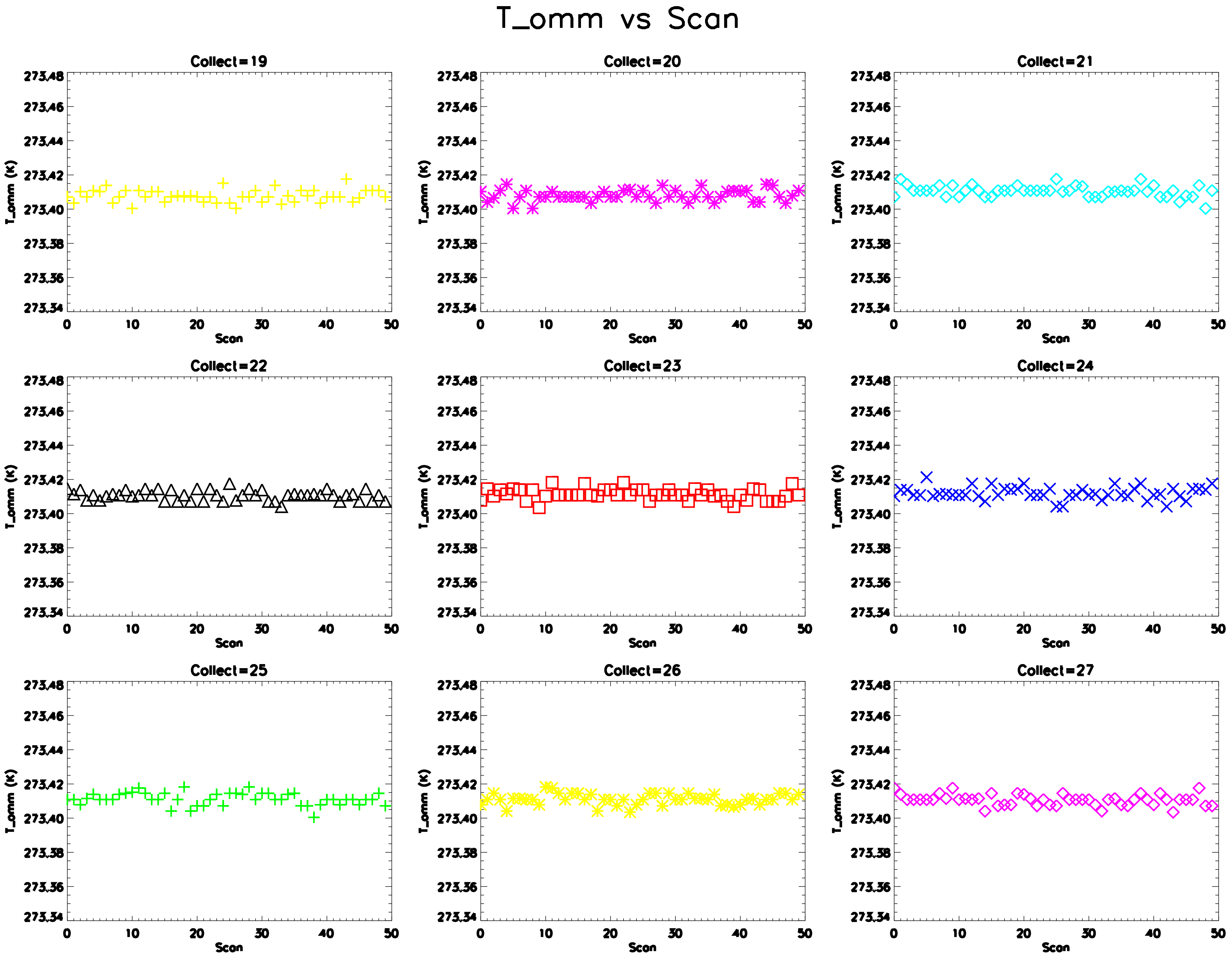

T_asp vs Scan: Collect=163
VisNIR
VisNIR T_asp (K)
300.22
300.20
300.18
300.16
300.14
300.12
300.10
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
298.20
298.18
298.16
298.14
298.12
298.10
298.08
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
299.90
299.88
299.86
299.84
299.82
299.80
299.78
299.76
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=164

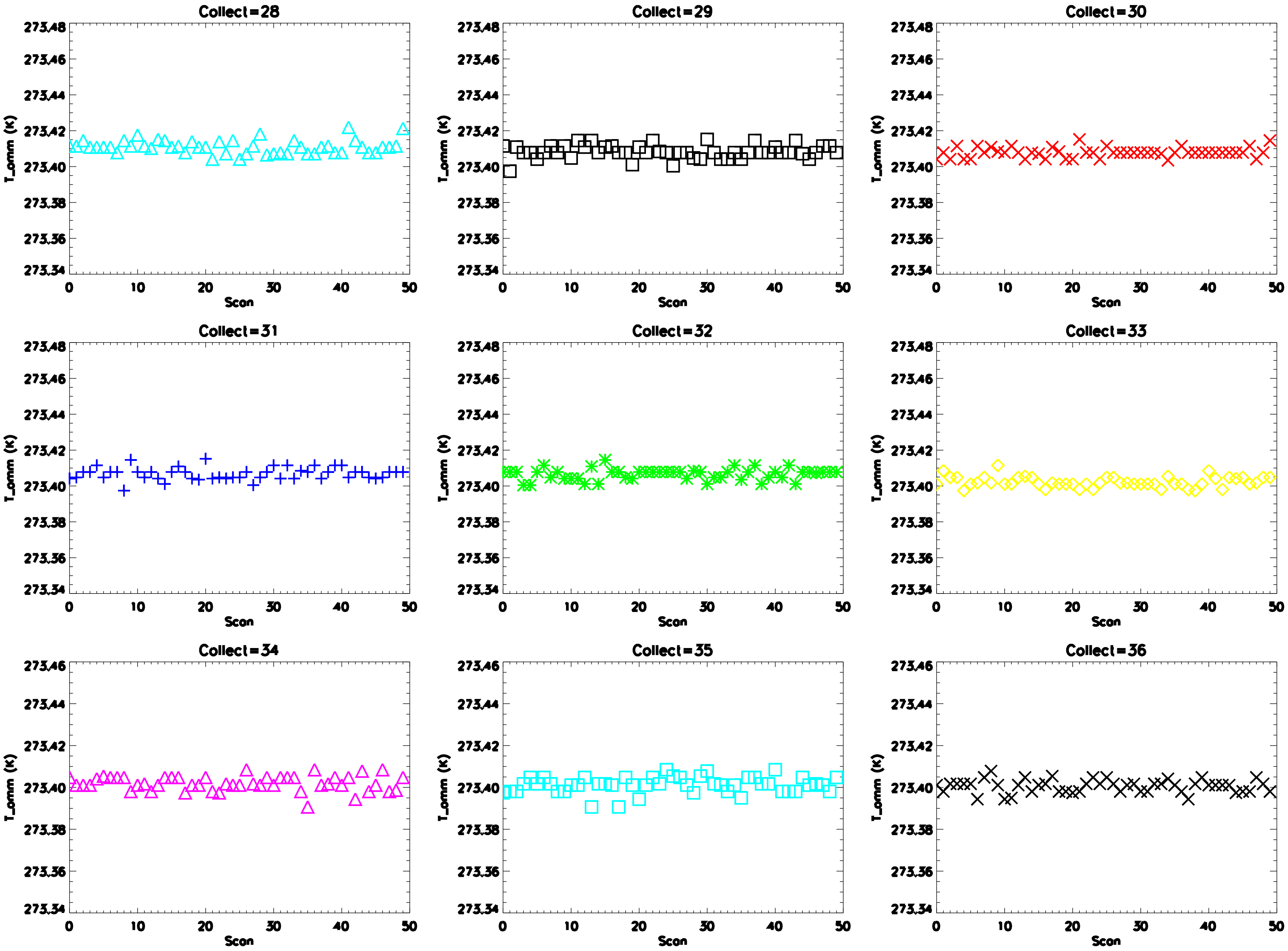

T_omm vs Time
T_omm (K)
274.0
273.5
273.0
272.5
−500
0
500
1000
1500
2000
Time (min)


T_omm vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_omm (K)
Scan
0
10
20
30
40
50
273.26
273.28
273.30
273.32
273.34
273.35
273.36
273.38
273.40
273.42
273.44
273.45
273.46

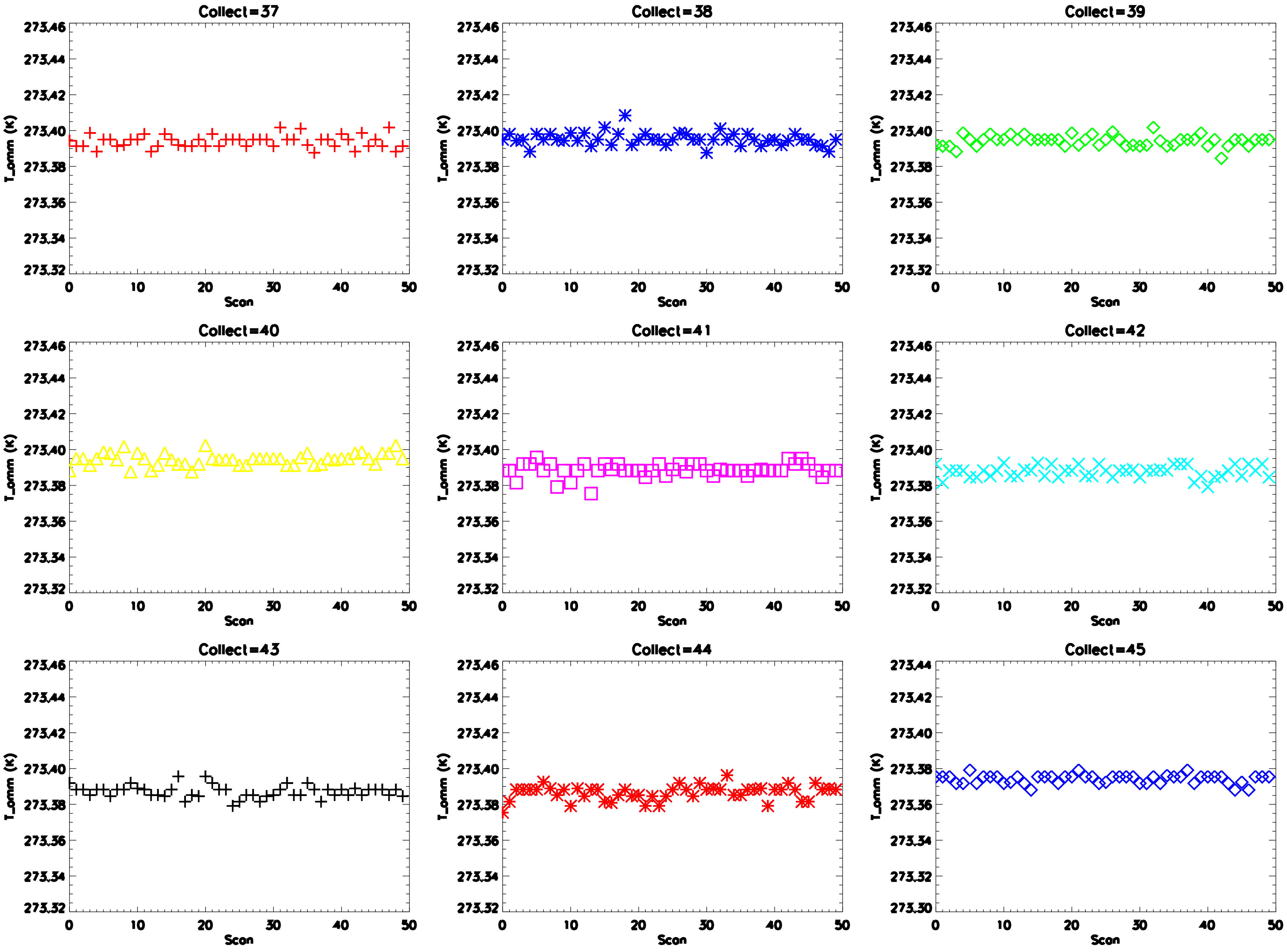

T_omm vs Scan
Collect=10
Collect=11
Collect=12
Collect=13
Collect=14
Collect=15
Collect=16
Collect=17
Collect=18
T_omm (K)
Scan
273.32
273.34
273.36
273.38
273.40
273.42
273.44
273.46
273.48
0
10
20
30
40
50

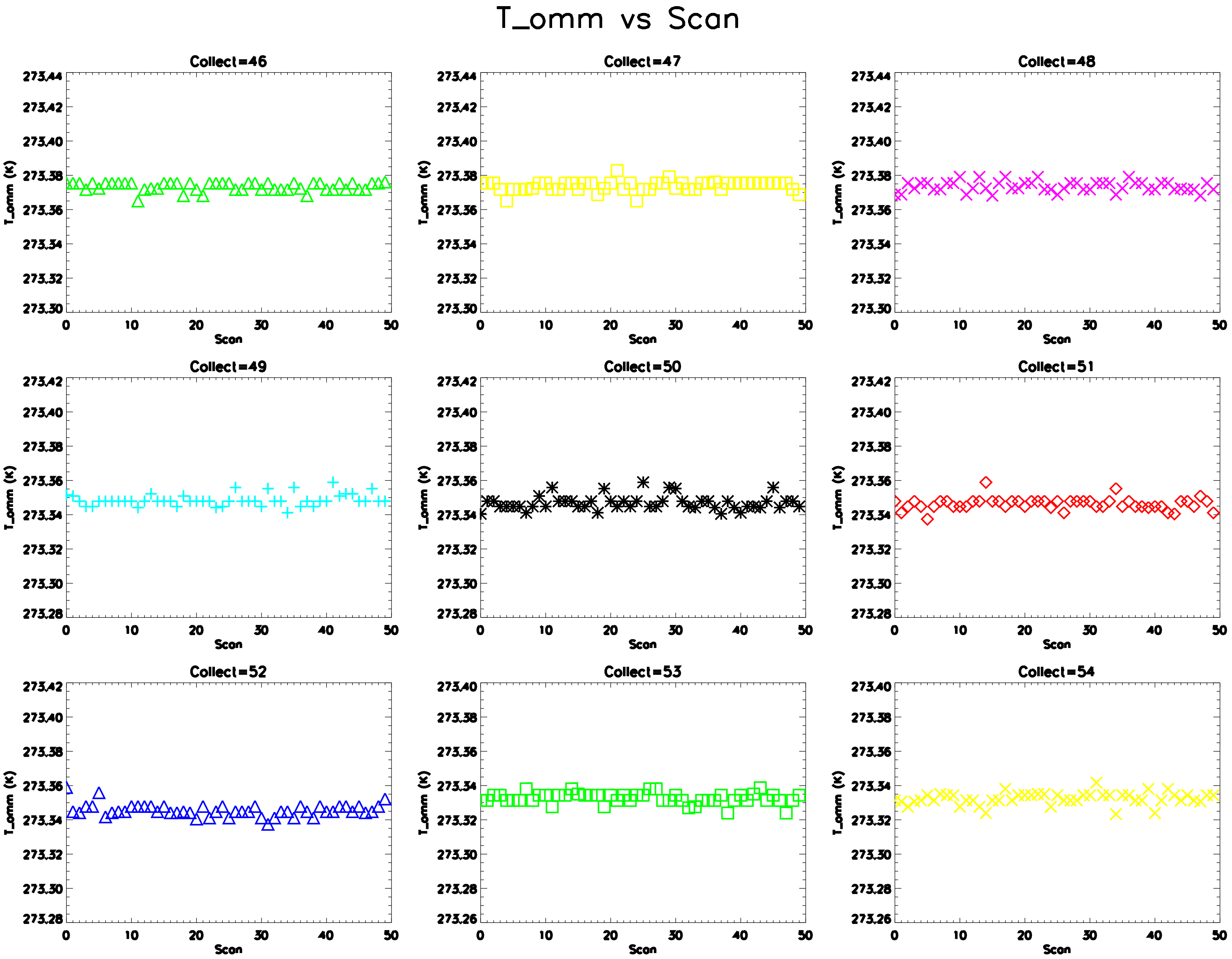
T_omm vs Scan
Collect=19
Collect=20
Collect=21
Collect=22
Collect=23
Collect=24
Collect=25
Collect=26
Collect=27
T_omm (K)
273.48
273.46
273.44
273.42
273.40
273.38
273.36
273.34
Scan
0
10
20
30
40
50

T_omm vs Scan

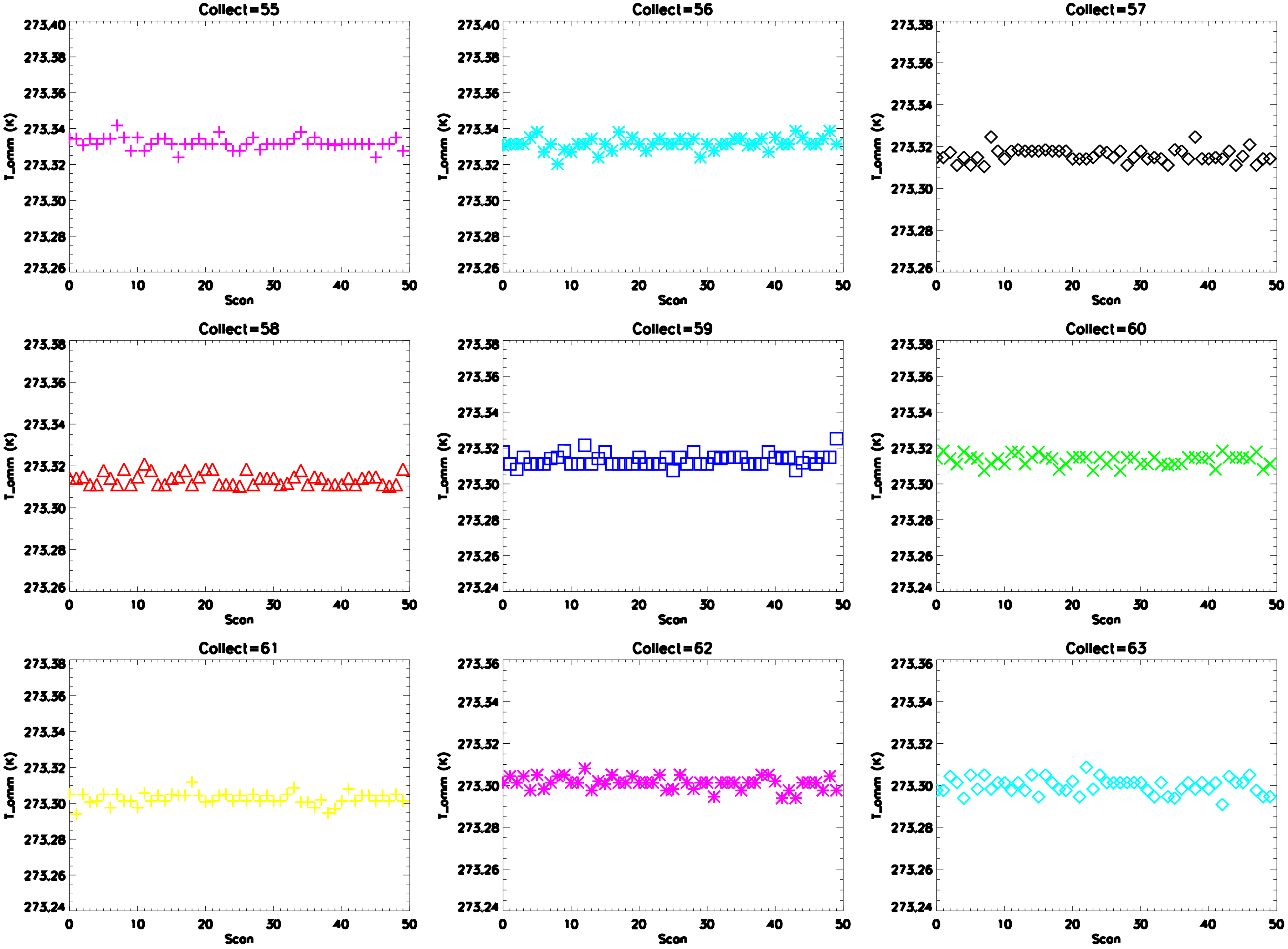

Collect=28
Collect=29
Collect=30
Collect=31
Collect=32
Collect=33
Collect=34
Collect=35
Collect=36
T_omm (K)
Scan
273.34
273.36
273.38
273.40
273.42
273.44
273.46
273.48
0
10
20
30
40
50

T_omm vs Scan


Collect=37
Collect=38
Collect=39
Collect=40
Collect=41
Collect=42
Collect=43
Collect=44
Collect=45
T_omm (K)
Scan
273.46
273.44
273.42
273.40
273.38
273.36
273.34
273.32
273.30
0
10
20
30
40
50

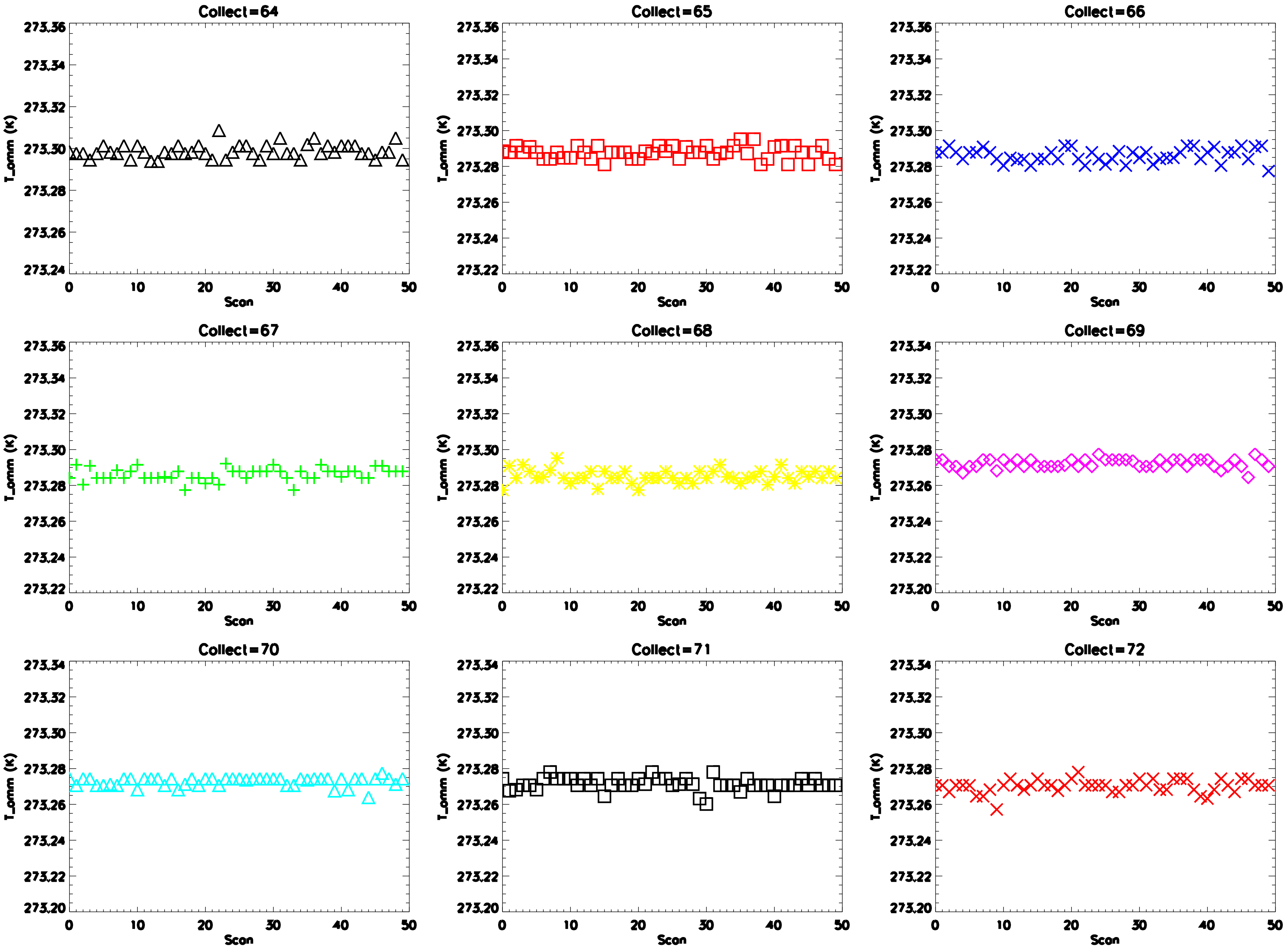

T_omm vs Scan
Collect=46
Collect=47
Collect=48
Collect=49
Collect=50
Collect=51
Collect=52
Collect=53
Collect=54
T_omm (K)
Scan
0
10
20
30
40
50
273.26
273.28
273.30
273.32
273.34
273.36
273.38
273.40
273.42
273.44

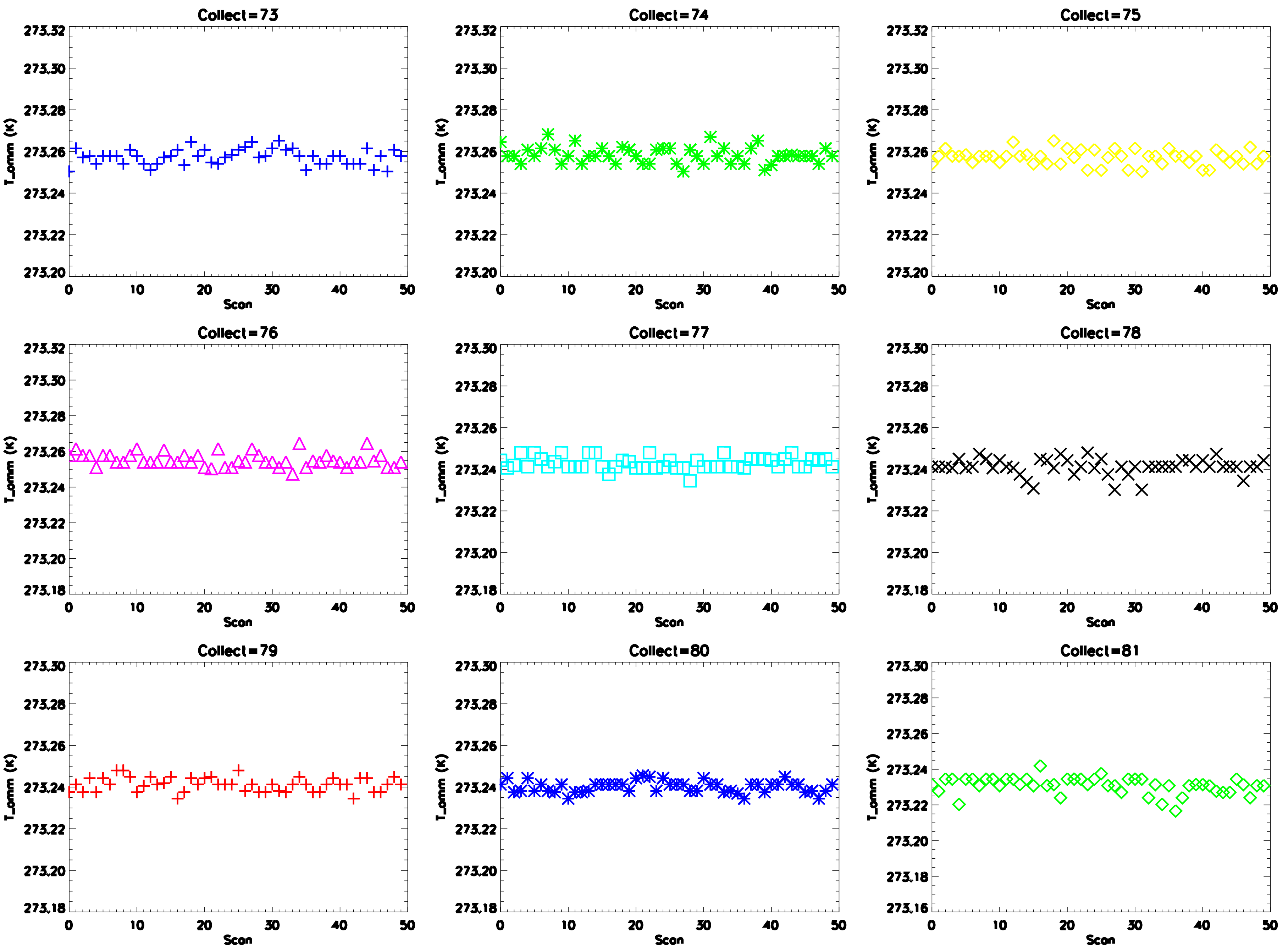
T_omm vs Scan



Collect=55
Collect=56
Collect=57
Collect=58
Collect=59
Collect=60
Collect=61
Collect=62
Collect=63
T_omm (K)
Scan
273.40
273.38
273.36
273.34
273.32
273.30
273.28
273.26
273.24
0
10
20
30
40
50

T_omm vs Scan

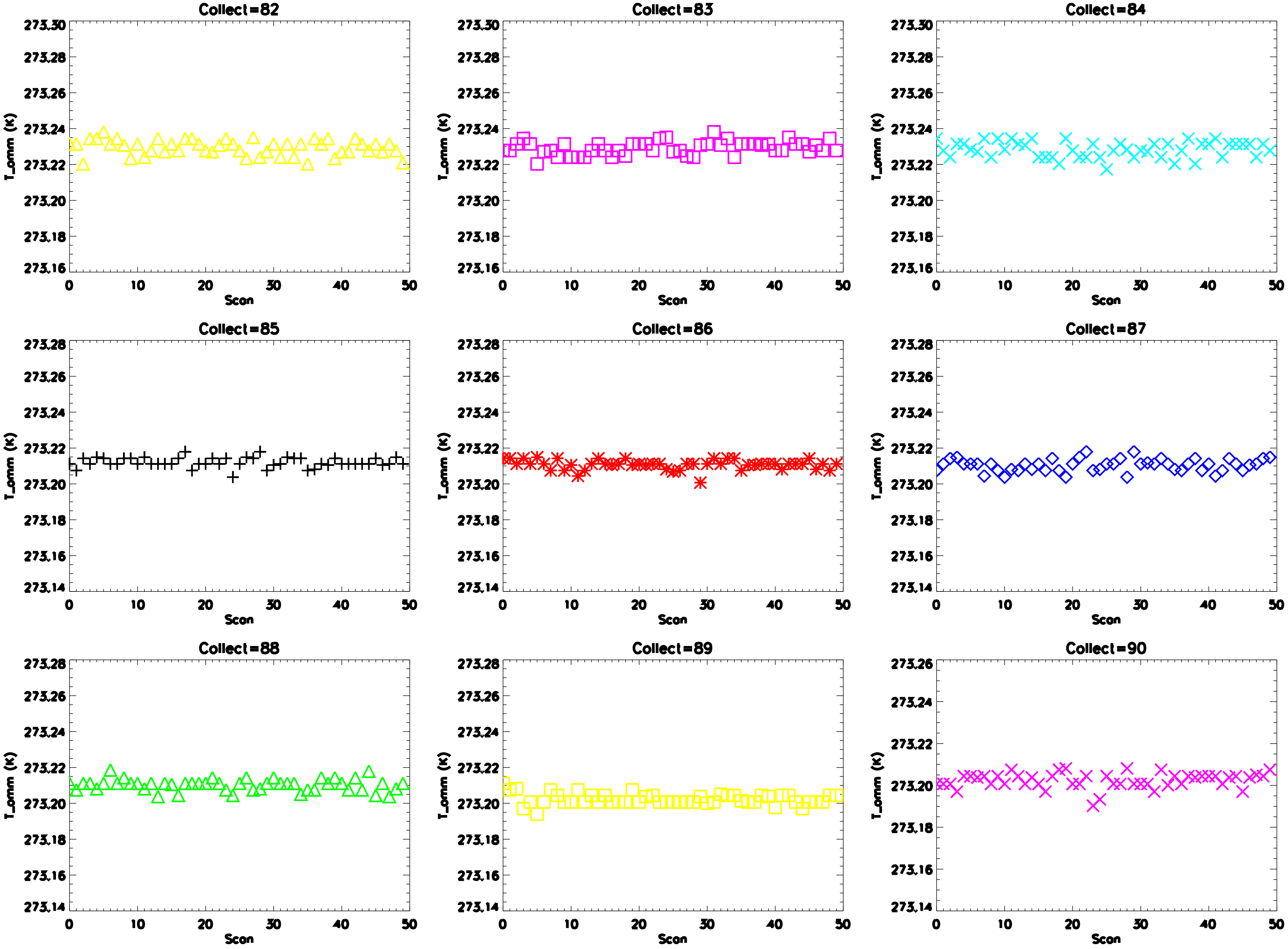

Collect=64
Collect=65
Collect=66
Collect=67
Collect=68
Collect=69
Collect=70
Collect=71
Collect=72
T_omm (K)
Scan
0
10
20
30
40
50
273.20
273.22
273.24
273.26
273.28
273.30
273.32
273.34
273.36



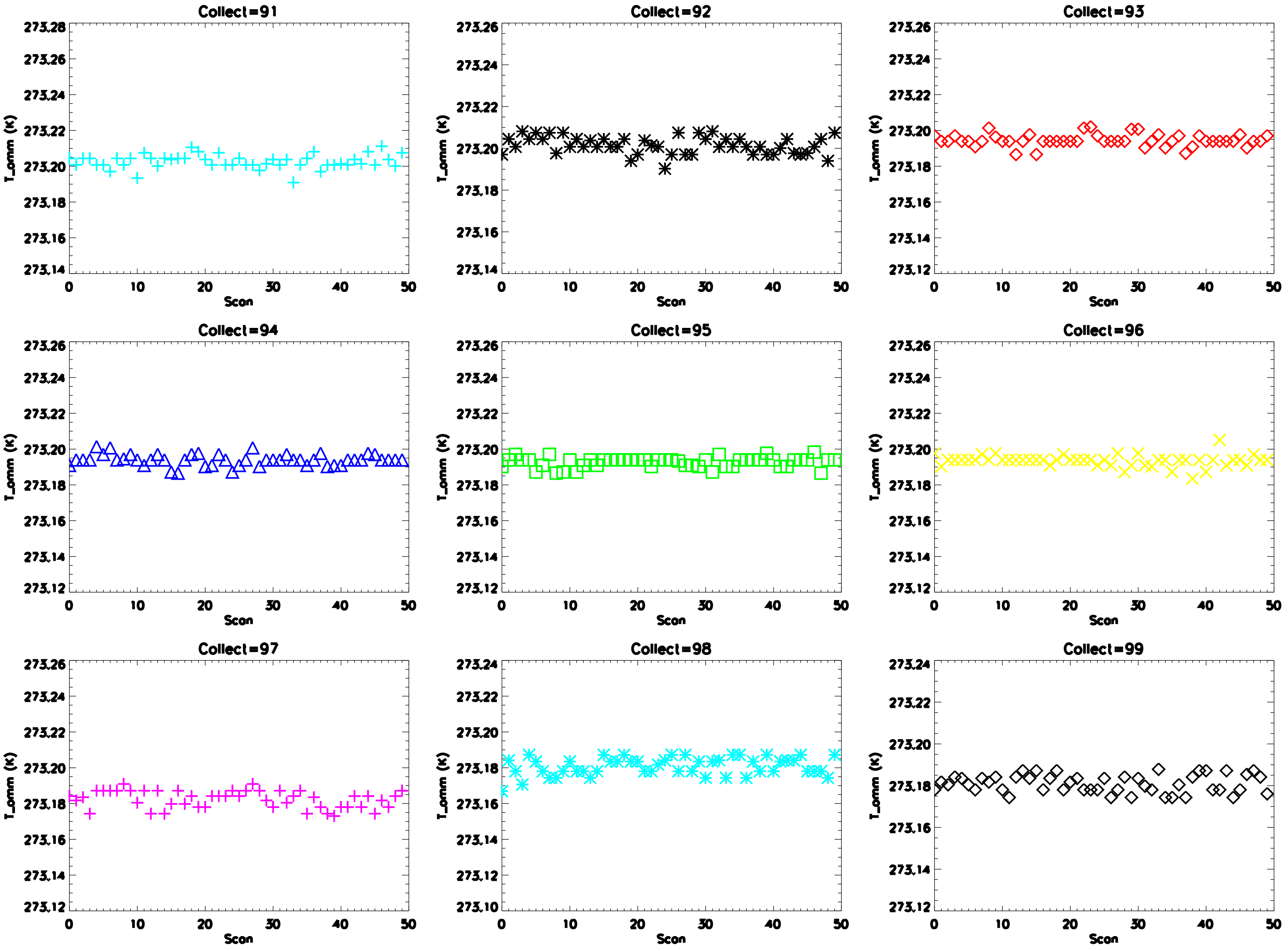
T_omm vs Scan

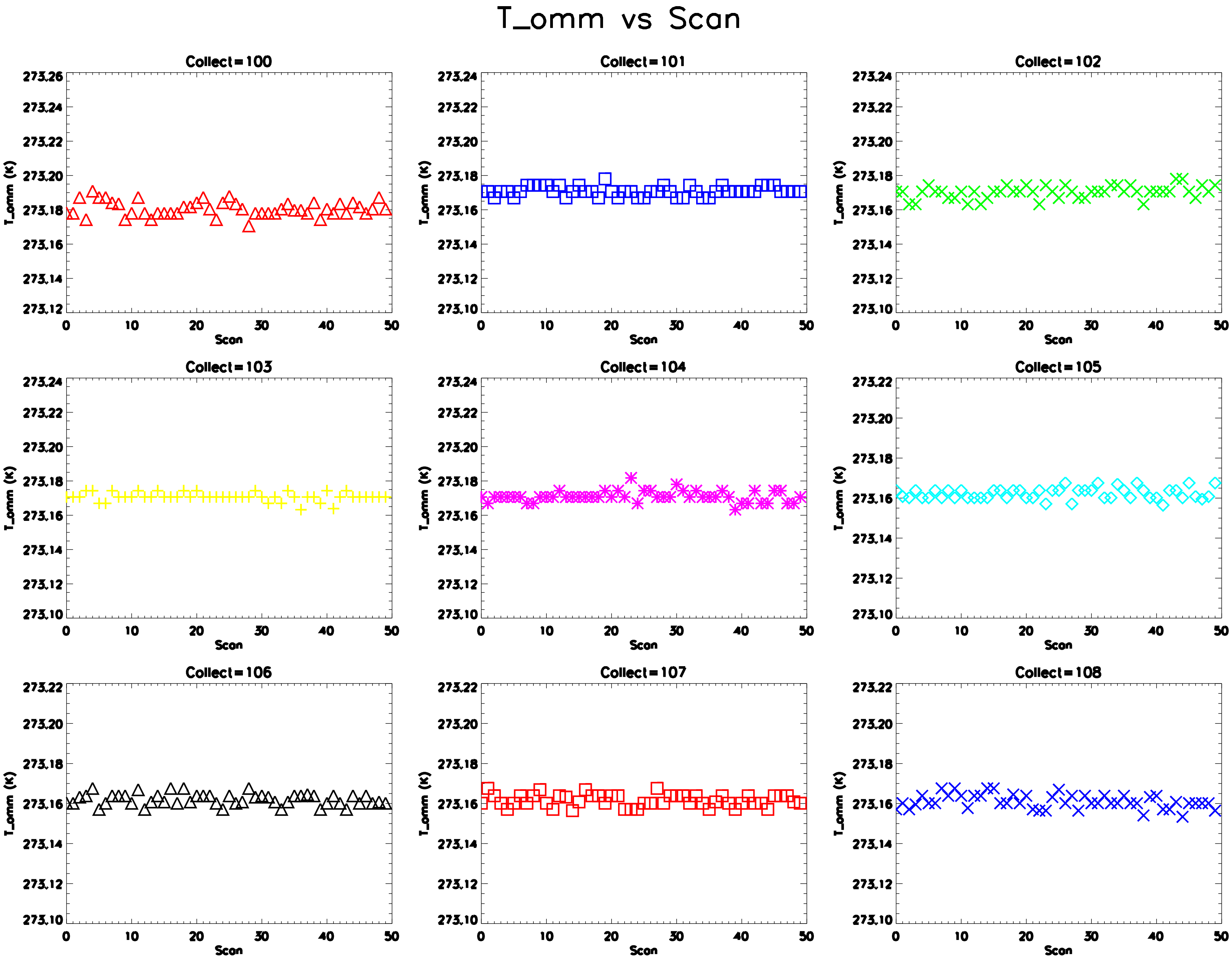
Collect=73
Collect=74
Collect=75
Collect=76
Collect=77
Collect=78
Collect=79
Collect=80
Collect=81
T_omm (K)
Scan
0
10
20
30
40
50
273.16
273.18
273.20
273.22
273.24
273.26
273.28
273.30
273.32

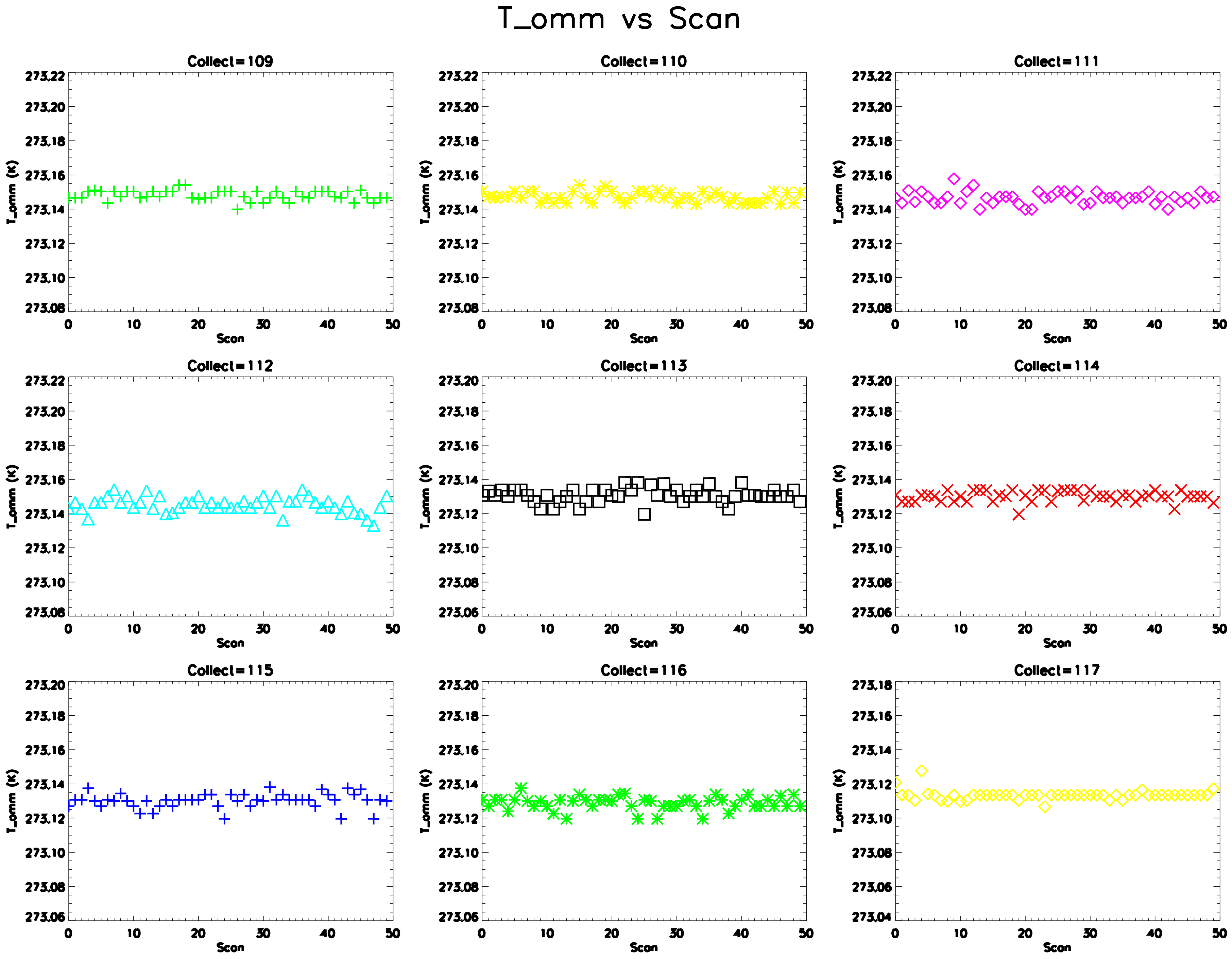
T_omm vs Scan

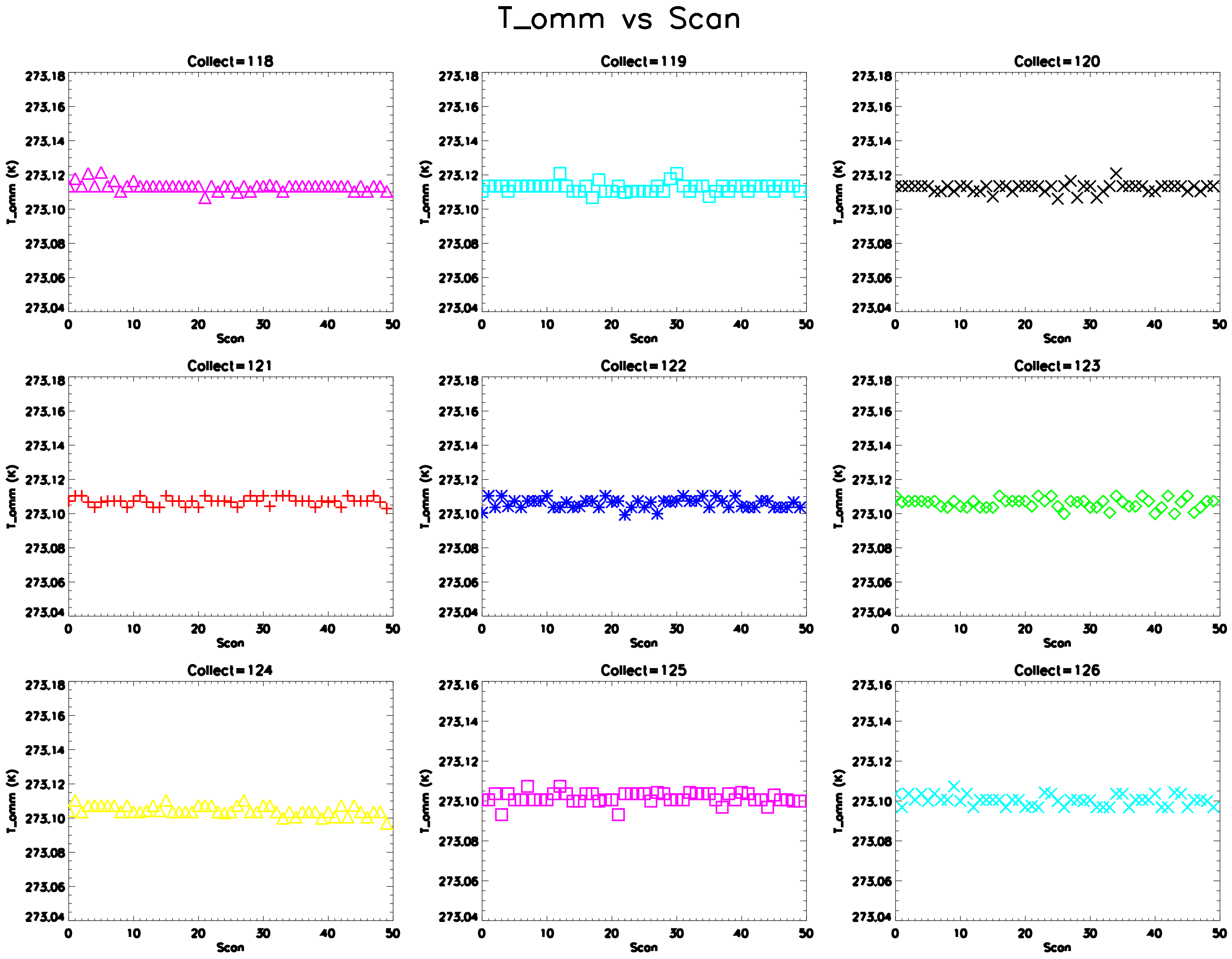

Collect=82
Collect=83
Collect=84
Collect=85
Collect=86
Collect=87
Collect=88
Collect=89
Collect=90
T_omm (K)
Scan
0
10
20
30
40
50
273.14
273.16
273.18
273.20
273.22
273.24
273.26
273.28
273.30

T_omm vs Scan

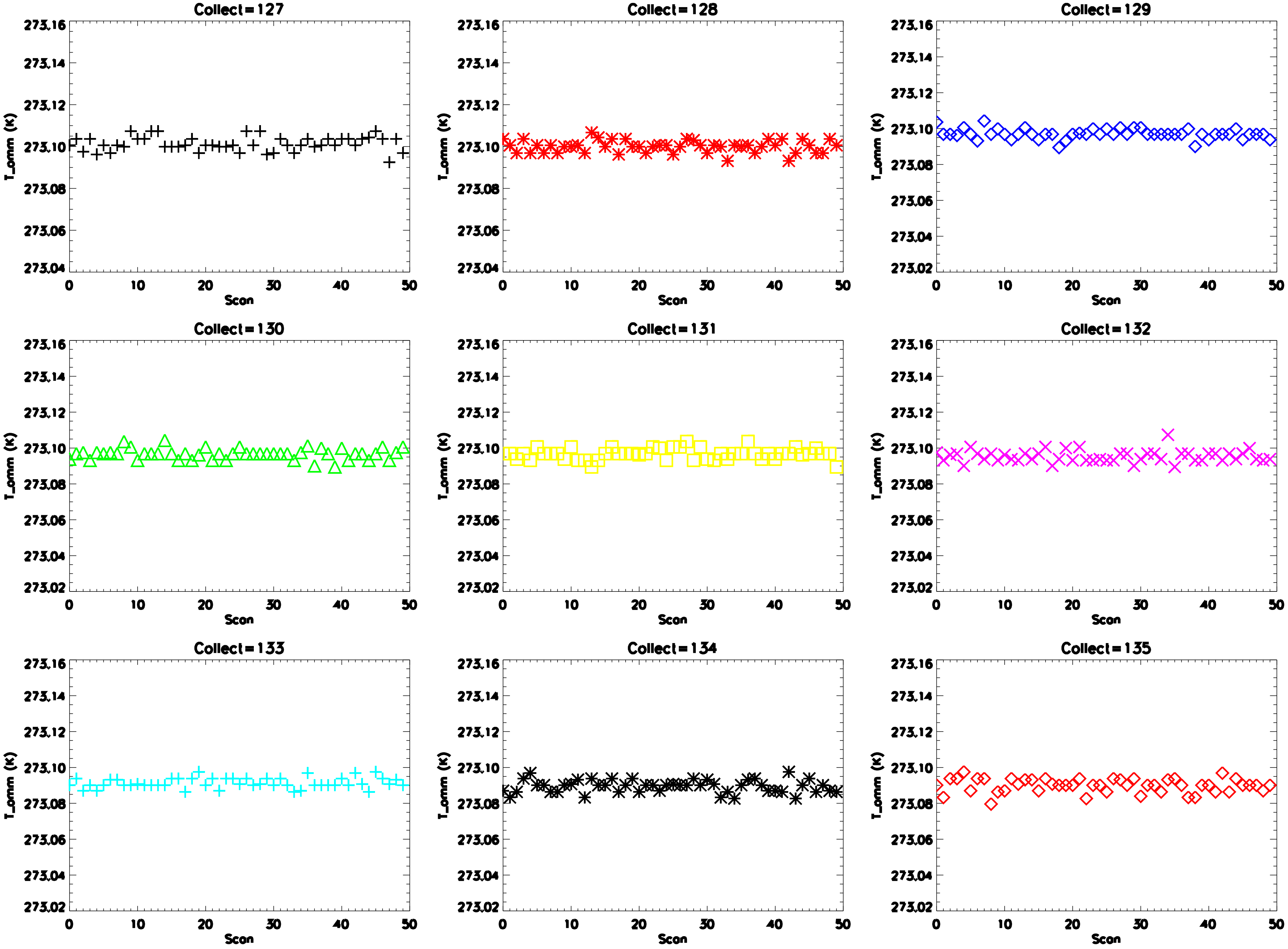

Collect=91
273.28
273.26
273.24
273.22
273.20
273.18
273.16
273.14
T_omm (K)
Collect=92
273.26
273.24
273.22
273.20
273.18
273.16
273.14
T_omm (K)
Collect=93
273.26
273.24
273.22
273.20
273.18
273.16
273.14
273.12
T_omm (K)
Collect=94
Collect=95
Collect=96
273.26
273.24
273.22
273.20
273.18
273.16
273.14
273.12
T_omm (K)
Collect=97
273.26
273.24
273.22
273.20
273.18
273.16
273.14
273.12
T_omm (K)
Collect=98
273.24
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Collect=99
273.24
273.22
273.20
273.18
273.16
273.14
273.12
T_omm (K)
0
10
20
30
40
50
Scan


T_omm vs Scan
Collect=100
273.26
273.24
273.22
273.20
273.18
273.16
273.14
273.12
T_omm (K)
0
10
20
30
40
50
Scan
Collect=101
273.24
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=102
273.24
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=103
273.24
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=104
273.24
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=105
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=106
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=107
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan
Collect=108
273.22
273.20
273.18
273.16
273.14
273.12
273.10
T_omm (K)
Scan

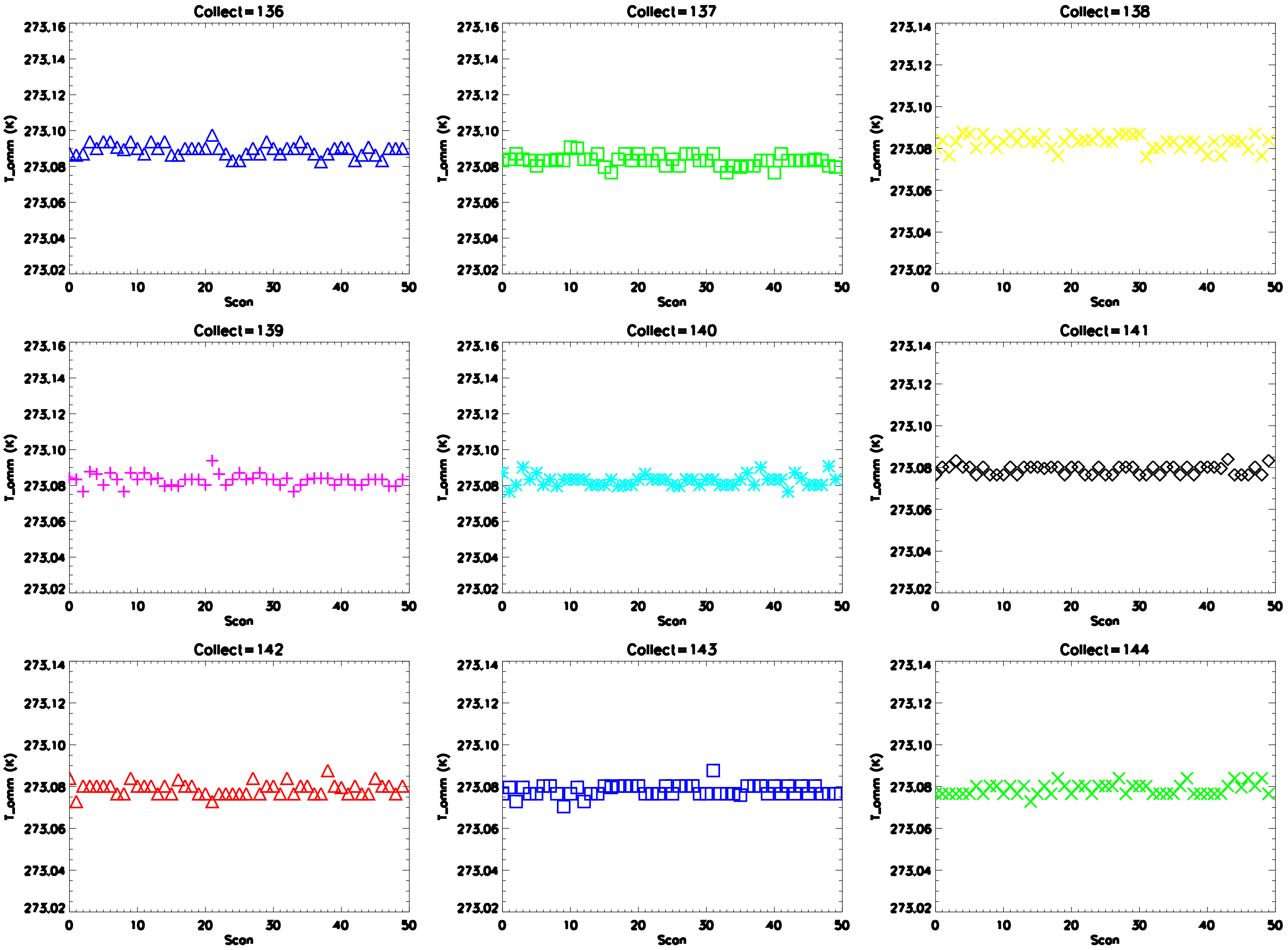

T_omm vs Scan
Collect=109
Collect=110
Collect=111
Collect=112
Collect=113
Collect=114
Collect=115
Collect=116
Collect=117
T_omm (K)
Scan
0
10
20
30
40
50
273.04
273.06
273.08
273.10
273.12
273.14
273.16
273.18
273.20
273.22


T_omm vs Scan
Collect=118
Collect=119
Collect=120
Collect=121
Collect=122
Collect=123
Collect=124
Collect=125
Collect=126
T_omm (K)
Scan
273.04
273.06
273.08
273.10
273.12
273.14
273.16
273.18
0
10
20
30
40
50

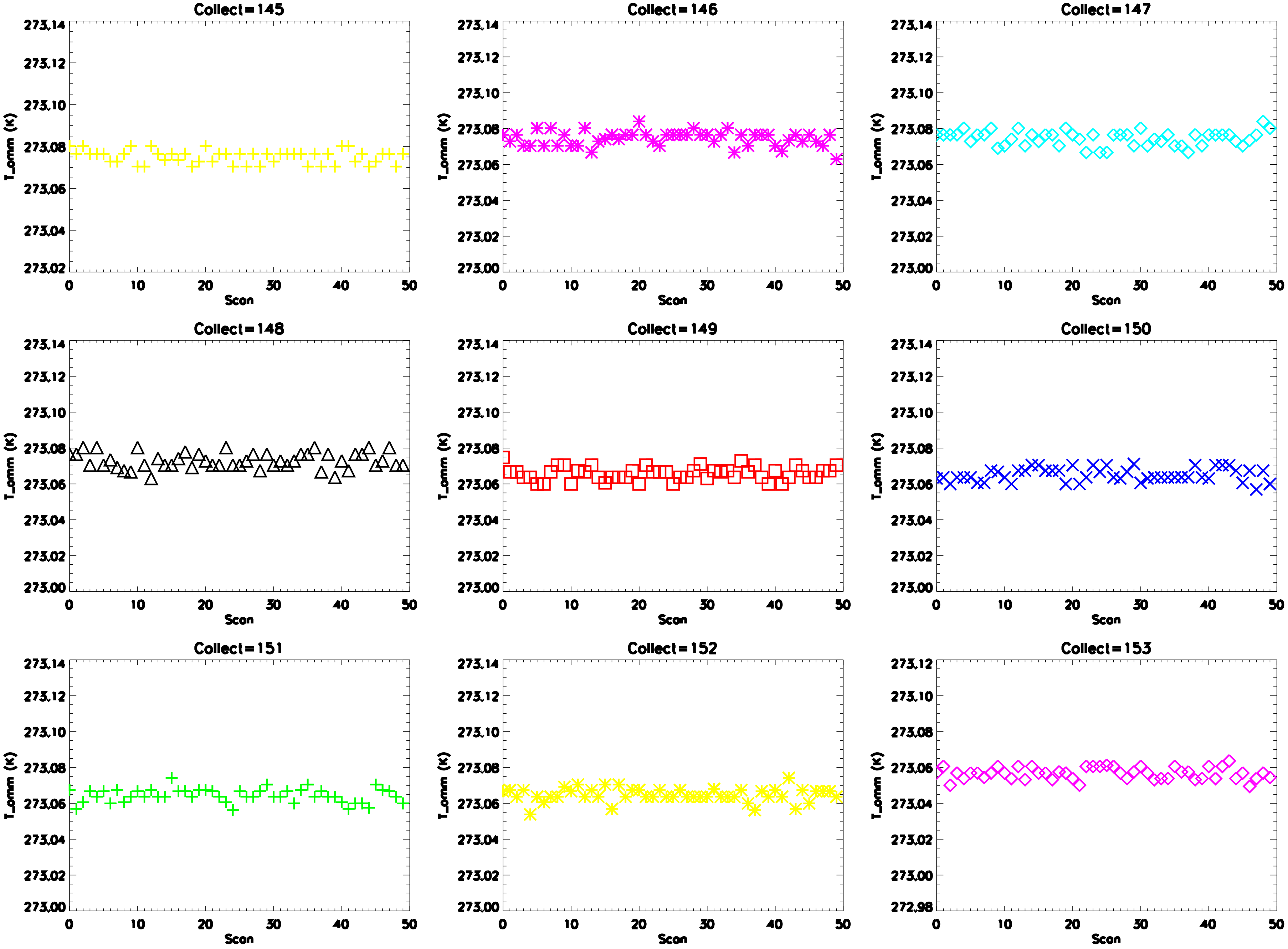
T_omm vs Scan


Collect=127
Collect=128
Collect=129
Collect=130
Collect=131
Collect=132
Collect=133
Collect=134
Collect=135
T_omm (K)
Scan
273.16
273.14
273.12
273.10
273.08
273.06
273.04
273.02
0
10
20
30
40
50

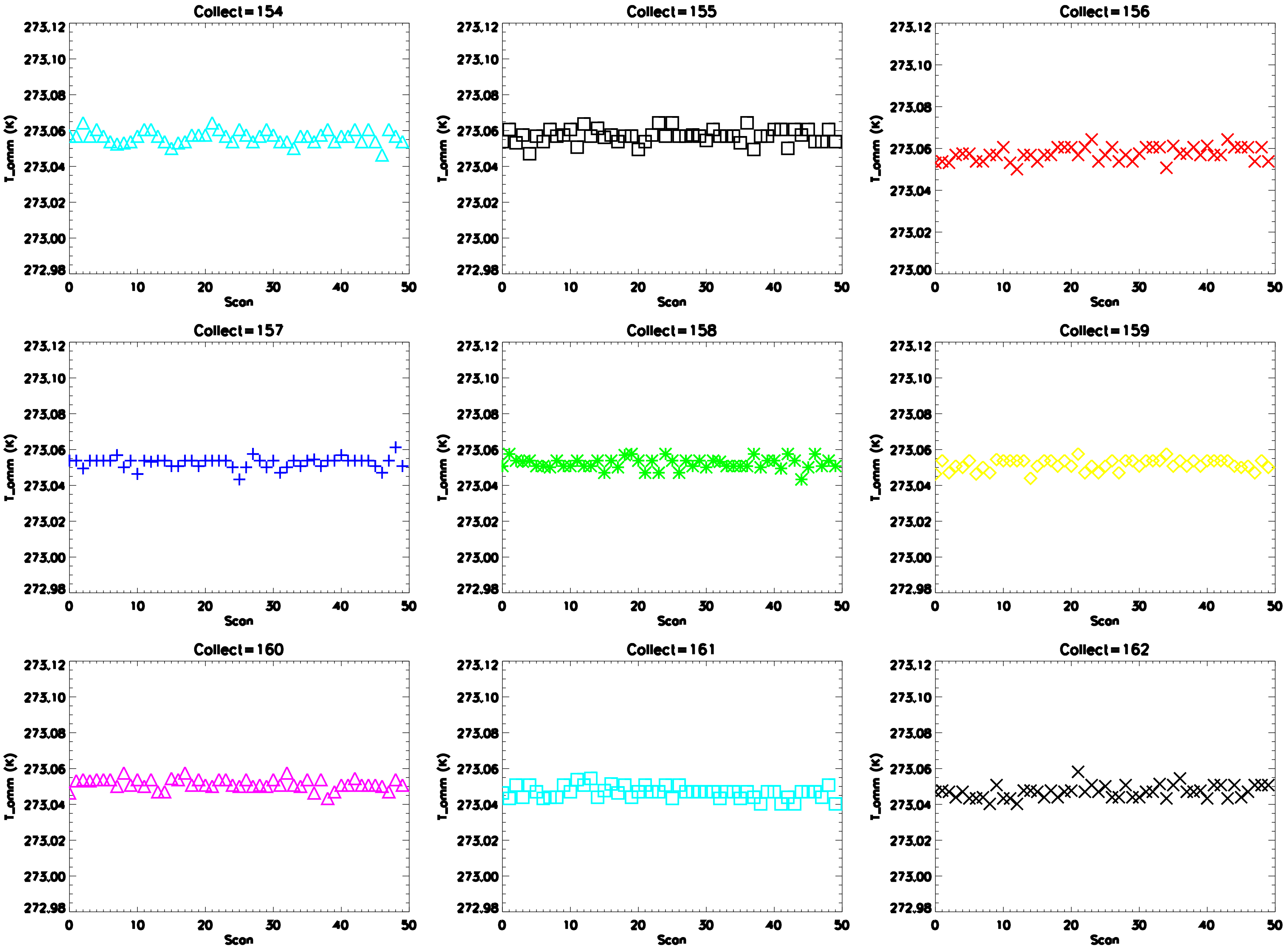
T_omm vs Scan

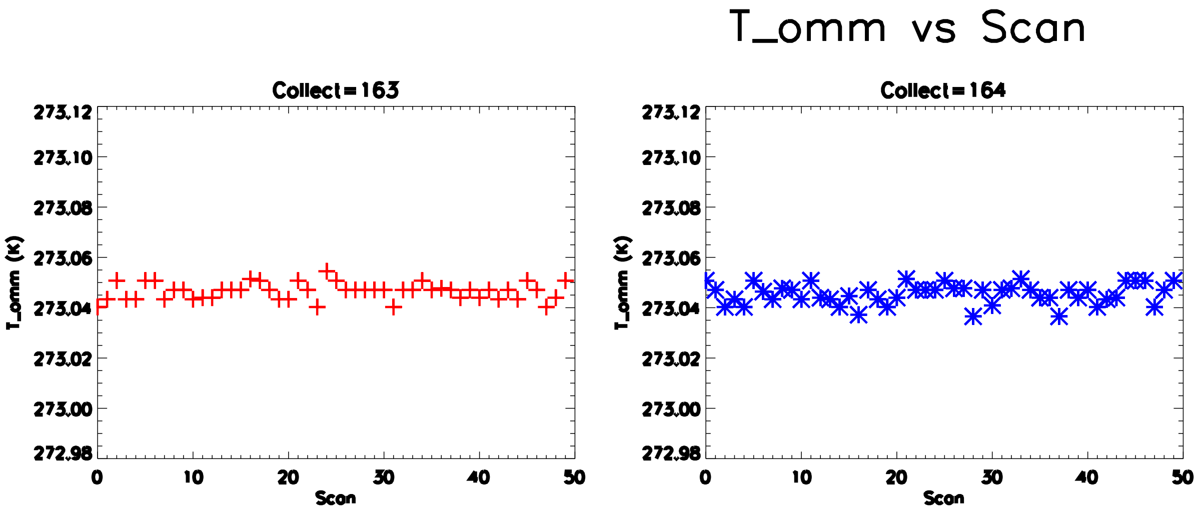

Collect=136
Collect=137
Collect=138
Collect=139
Collect=140
Collect=141
Collect=142
Collect=143
Collect=144
T_omm (K)
Scan
273.02
273.04
273.06
273.08
273.10
273.12
273.14
273.16
0
10
20
30
40
50

T_omm vs Scan


Collect=145
Collect=146
Collect=147
Collect=148
Collect=149
Collect=150
Collect=151
Collect=152
Collect=153
T_omm (K)
Scan
0
10
20
30
40
50
273.14
273.12
273.10
273.08
273.06
273.04
273.02
273.00
272.98

T_omm vs Scan


Collect=154
Collect=155
Collect=156
Collect=157
Collect=158
Collect=159
Collect=160
Collect=161
Collect=162
T_omm (K)
Scan
272.98
273.00
273.02
273.04
273.06
273.08
273.10
273.12
0
10
20
30
40
50


T_omm vs Scan
Collect=163
Collect=164
T_omm (K)
273.12
273.10
273.08
273.06
273.04
273.02
273.00
272.98
0
10
20
30
40
50
Scan