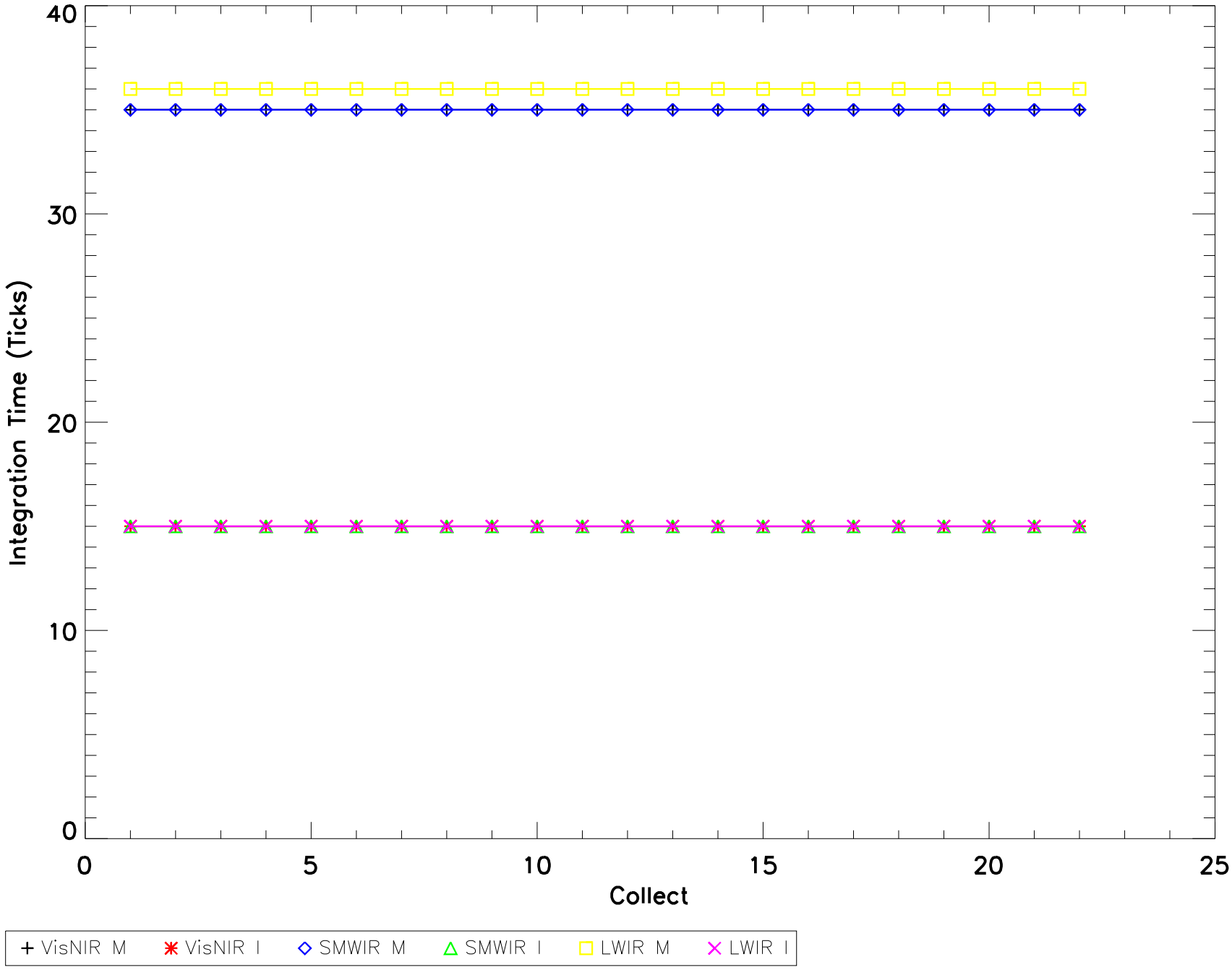
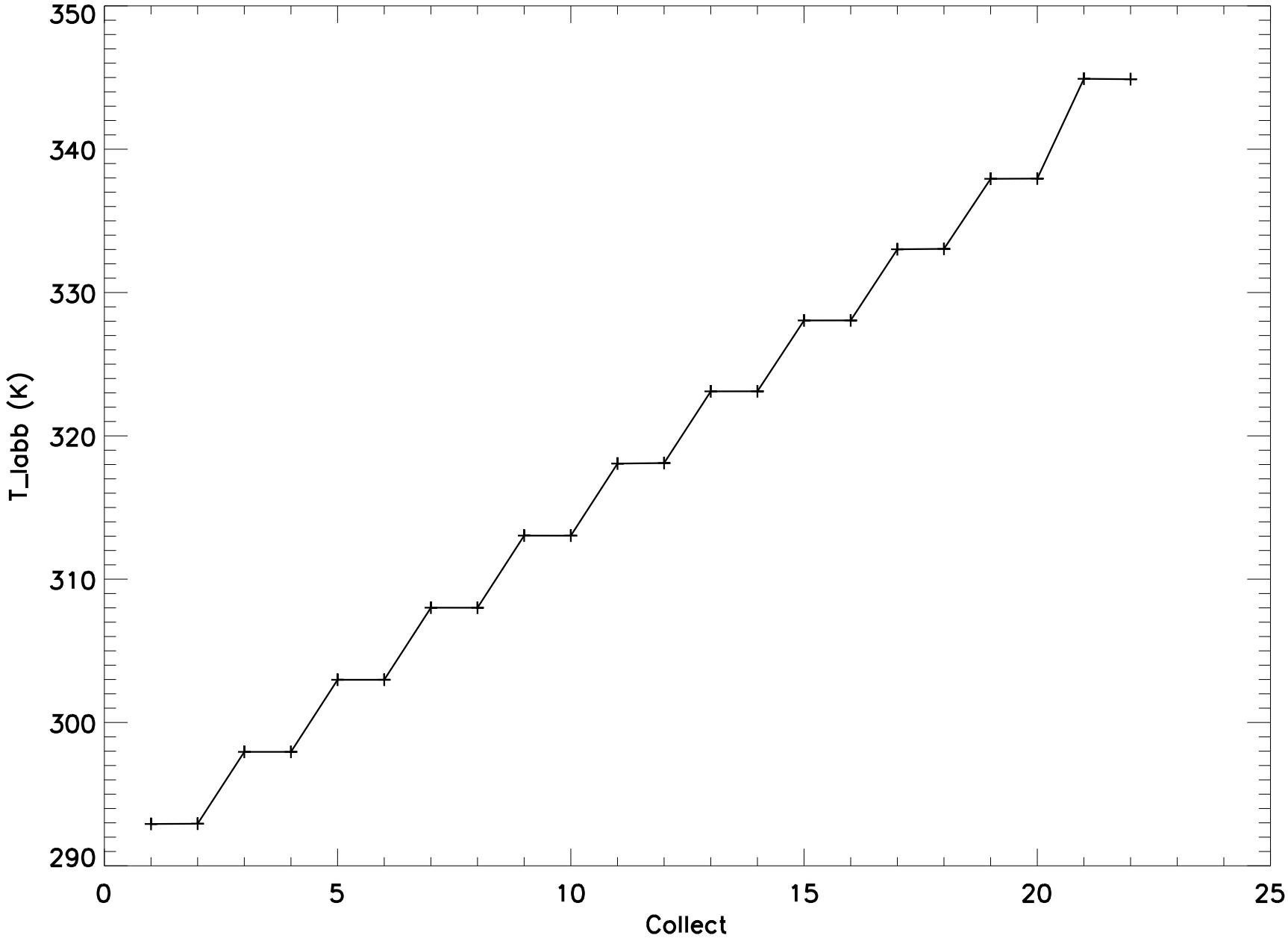
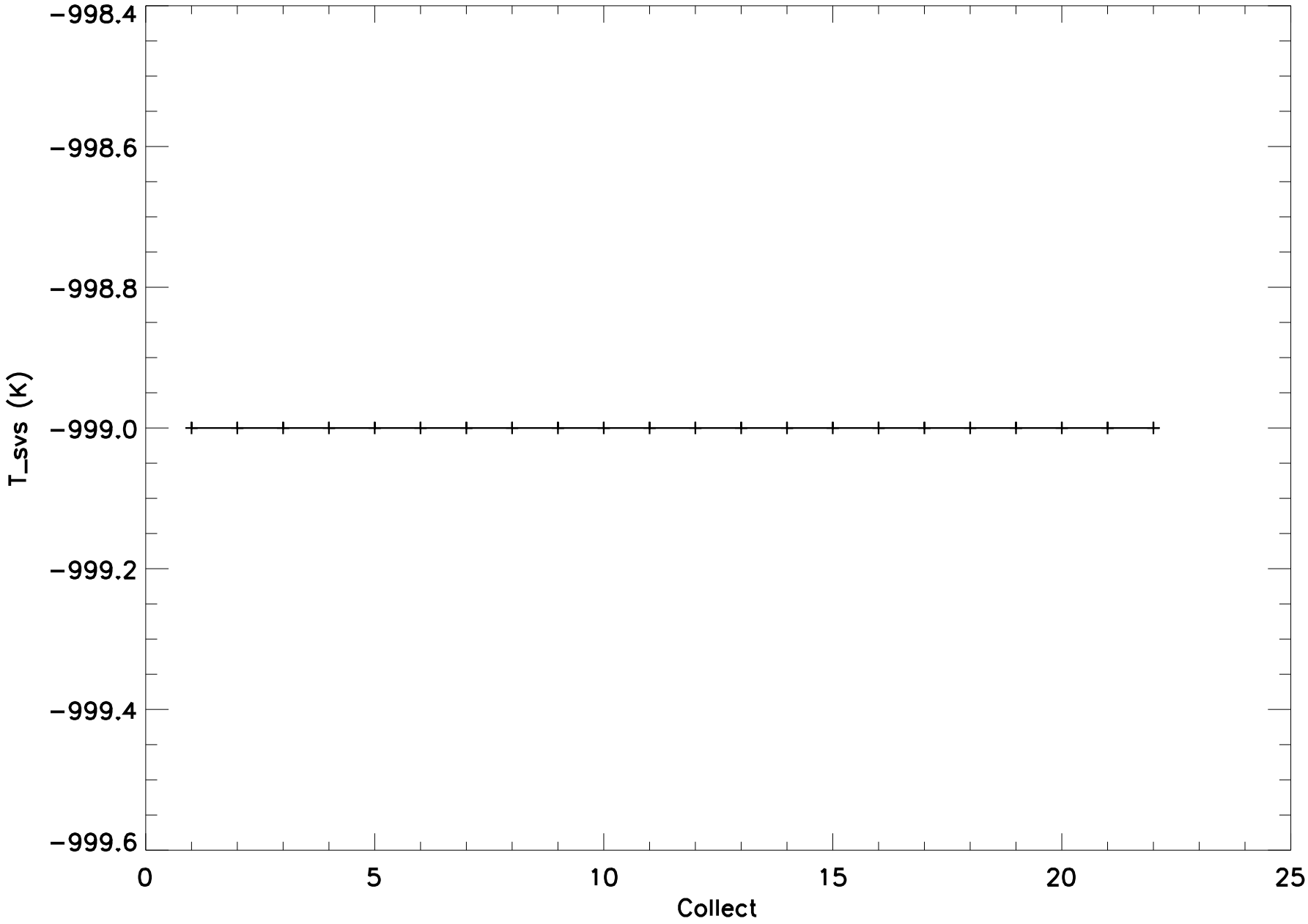
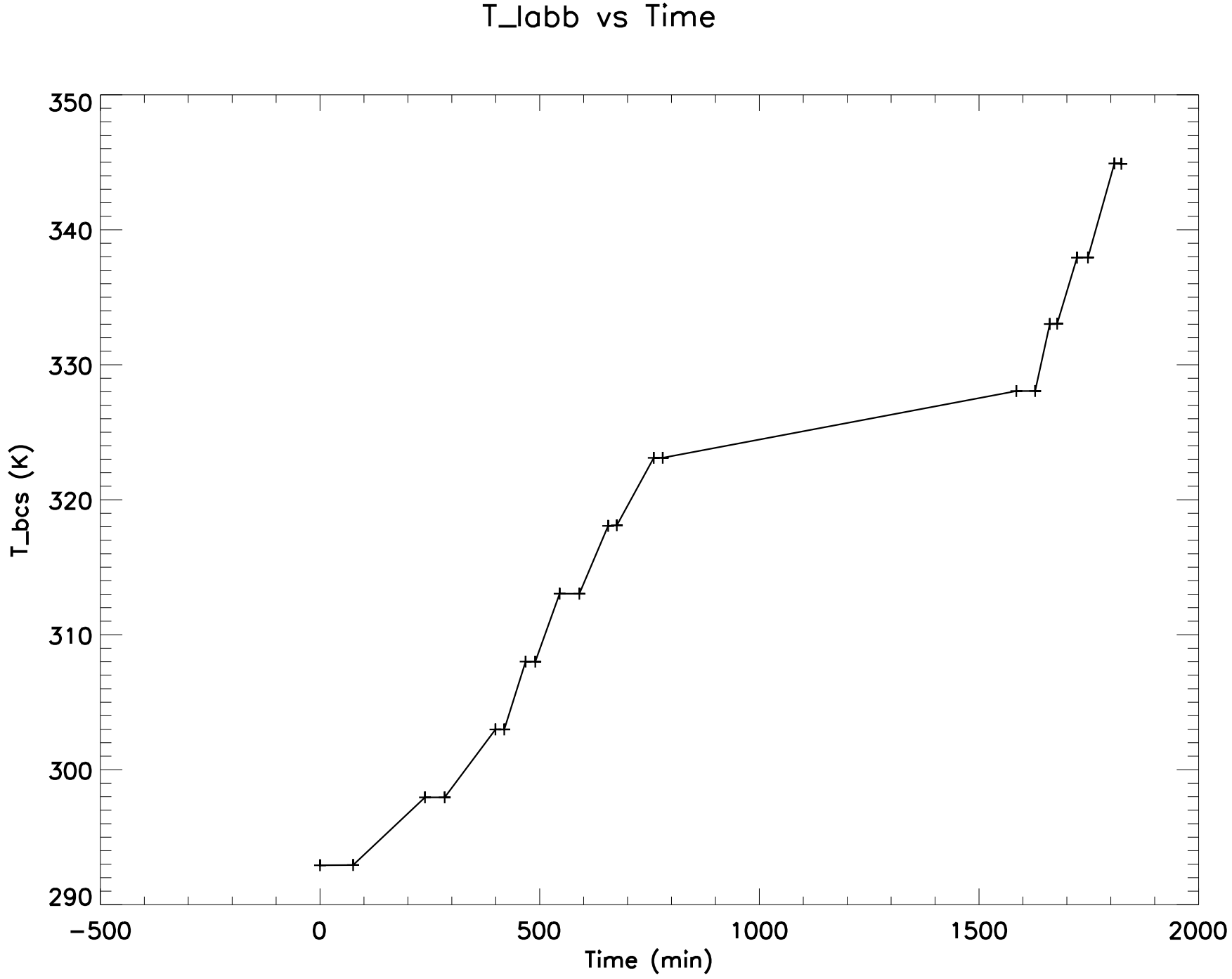
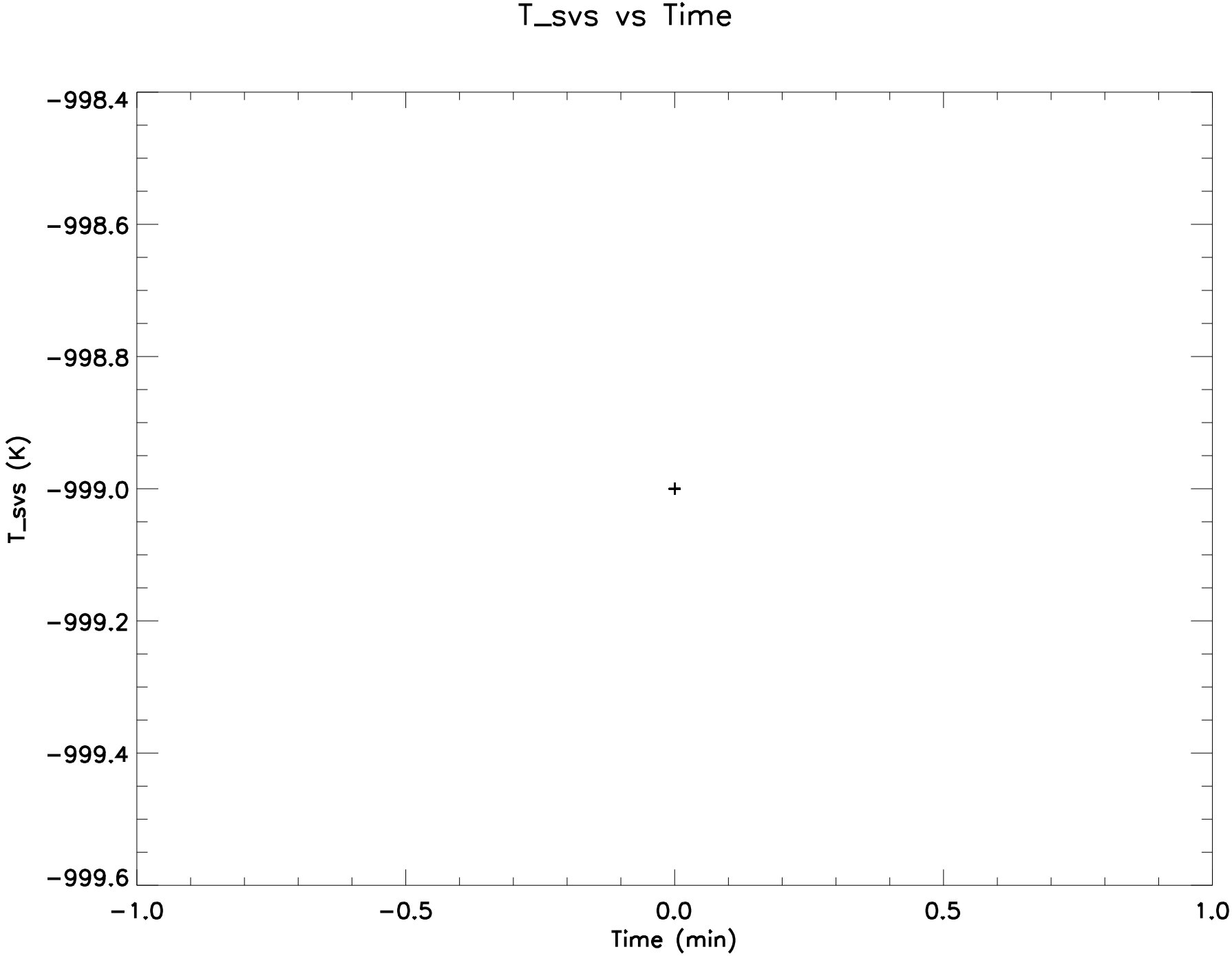
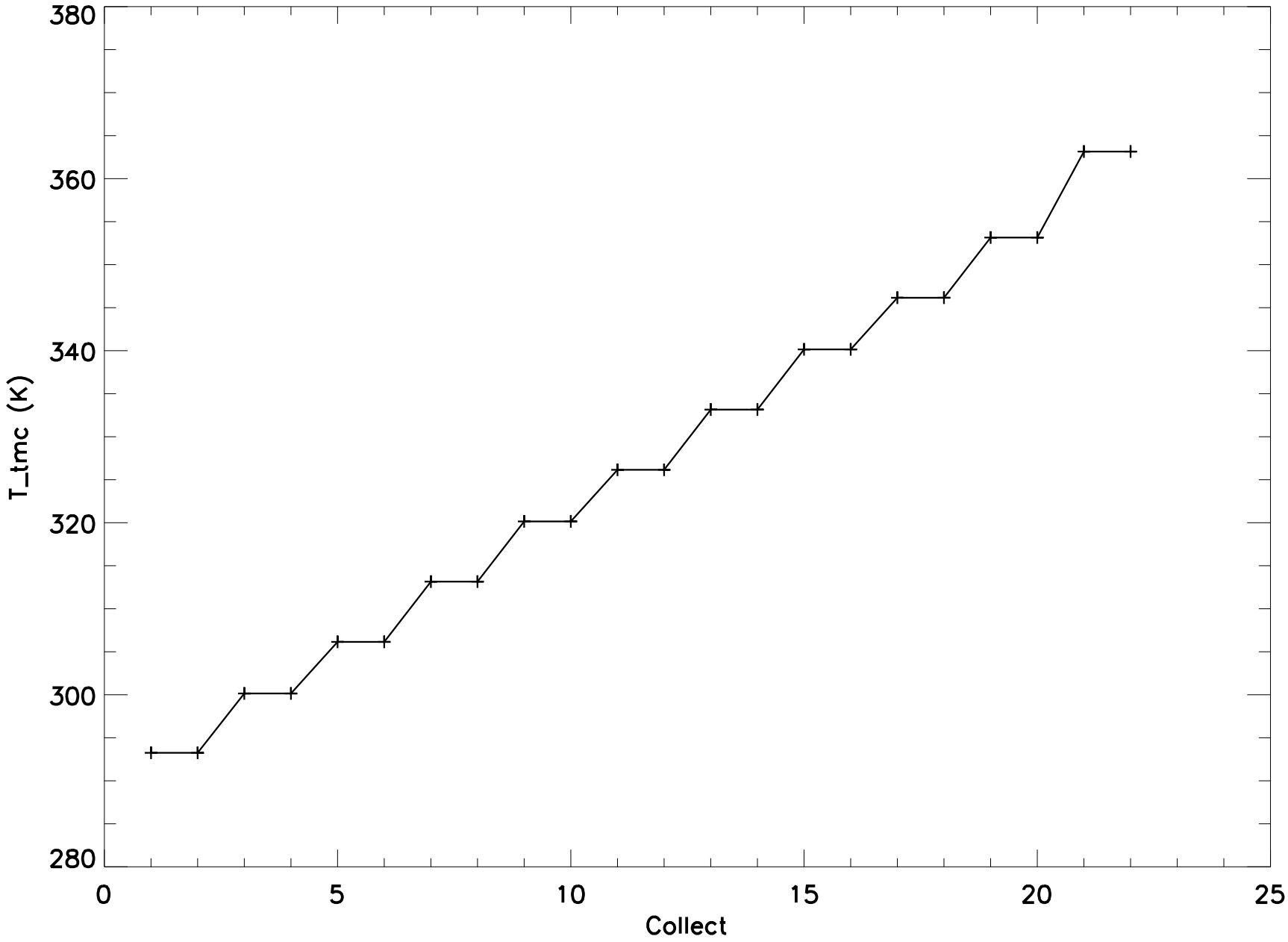

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
5
10
15
20
25
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

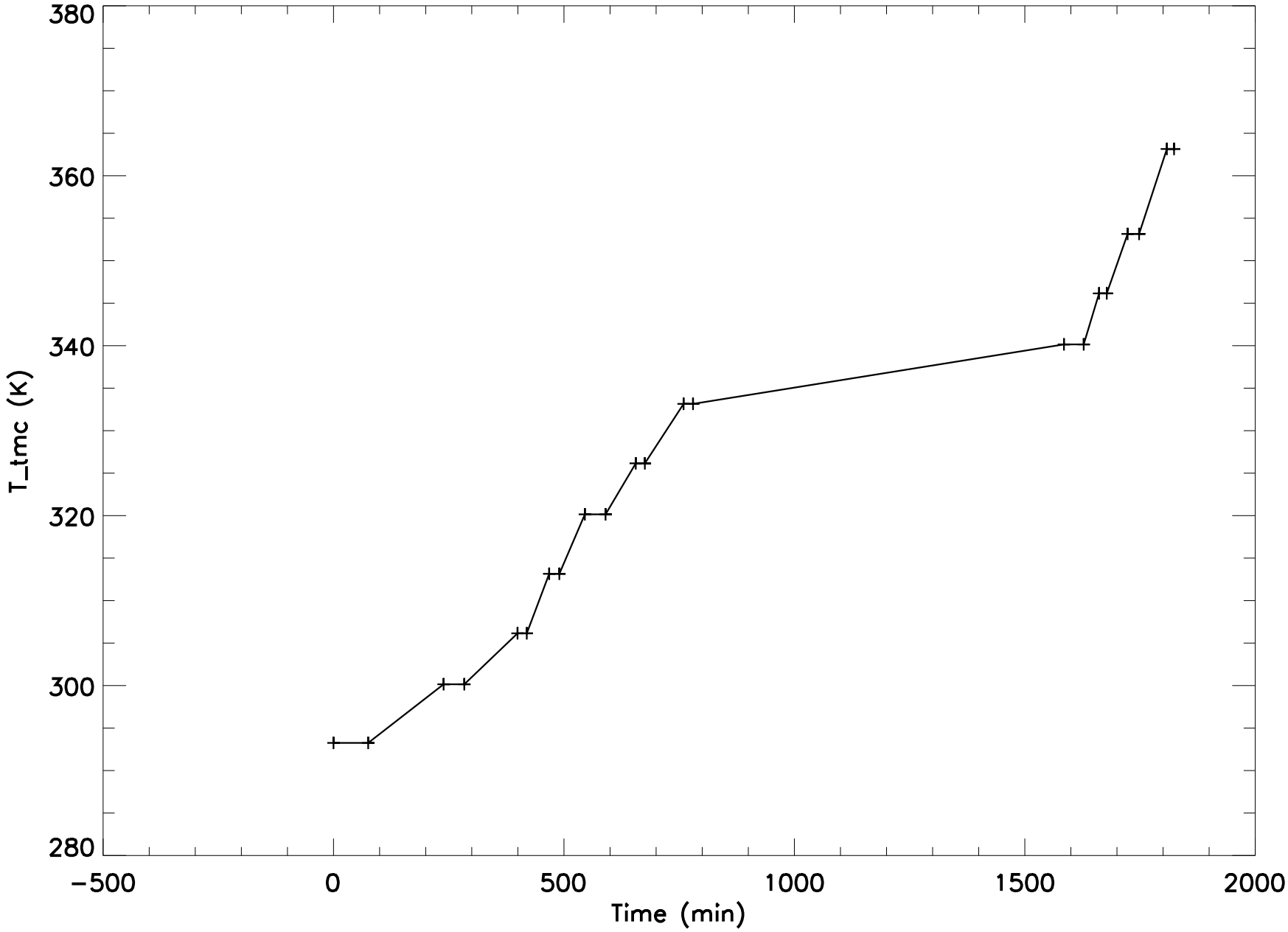

T_labb vs Collect
350
340
330
320
310
300
290
T_labb (K)
0
5
10
15
20
25
Collect

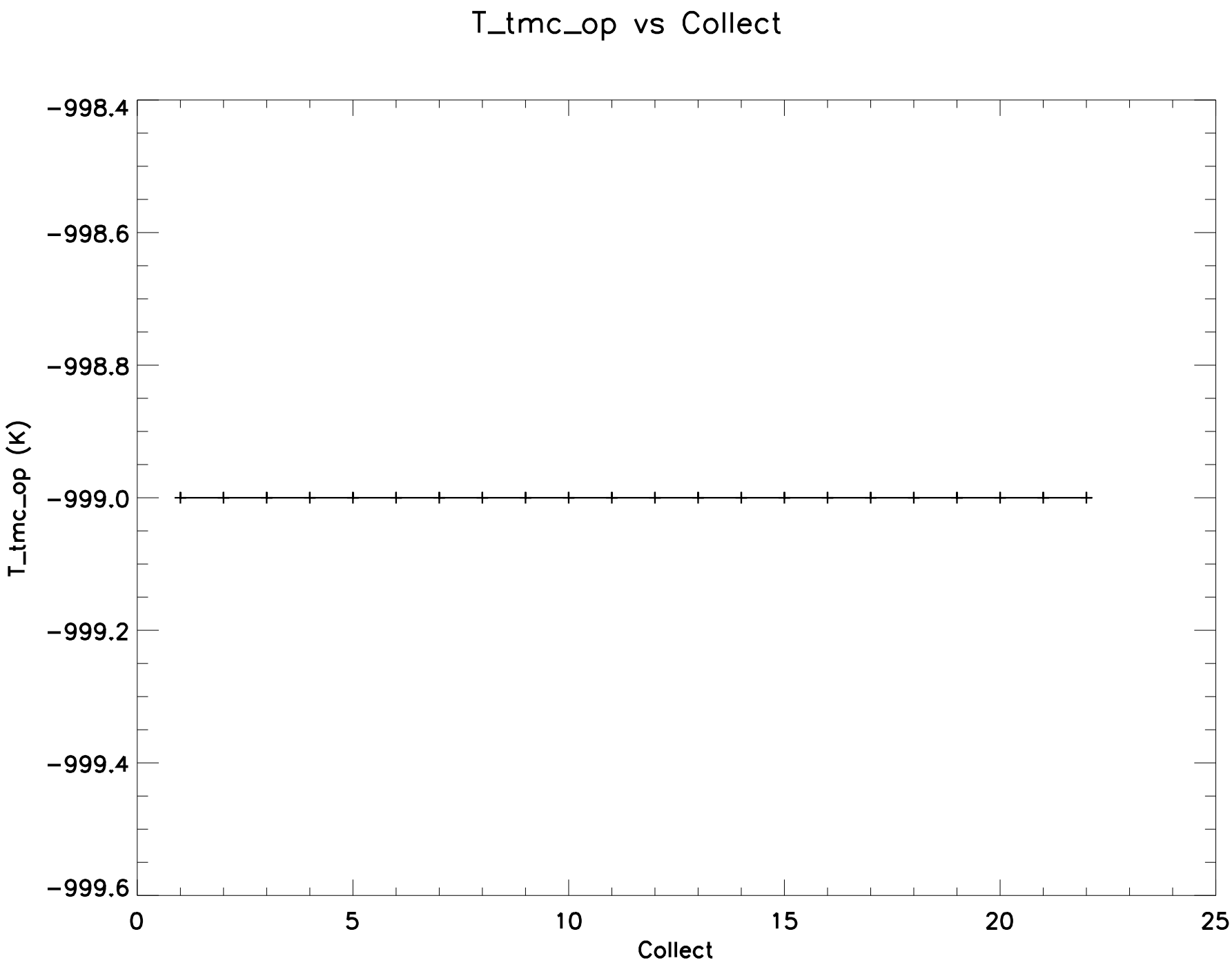

T_svs vs Collect
T_svs (K)
-998.4
-998.6
-998.8
-999.0
-999.2
-999.4
-999.6
0
5
10
15
20
25
Collect

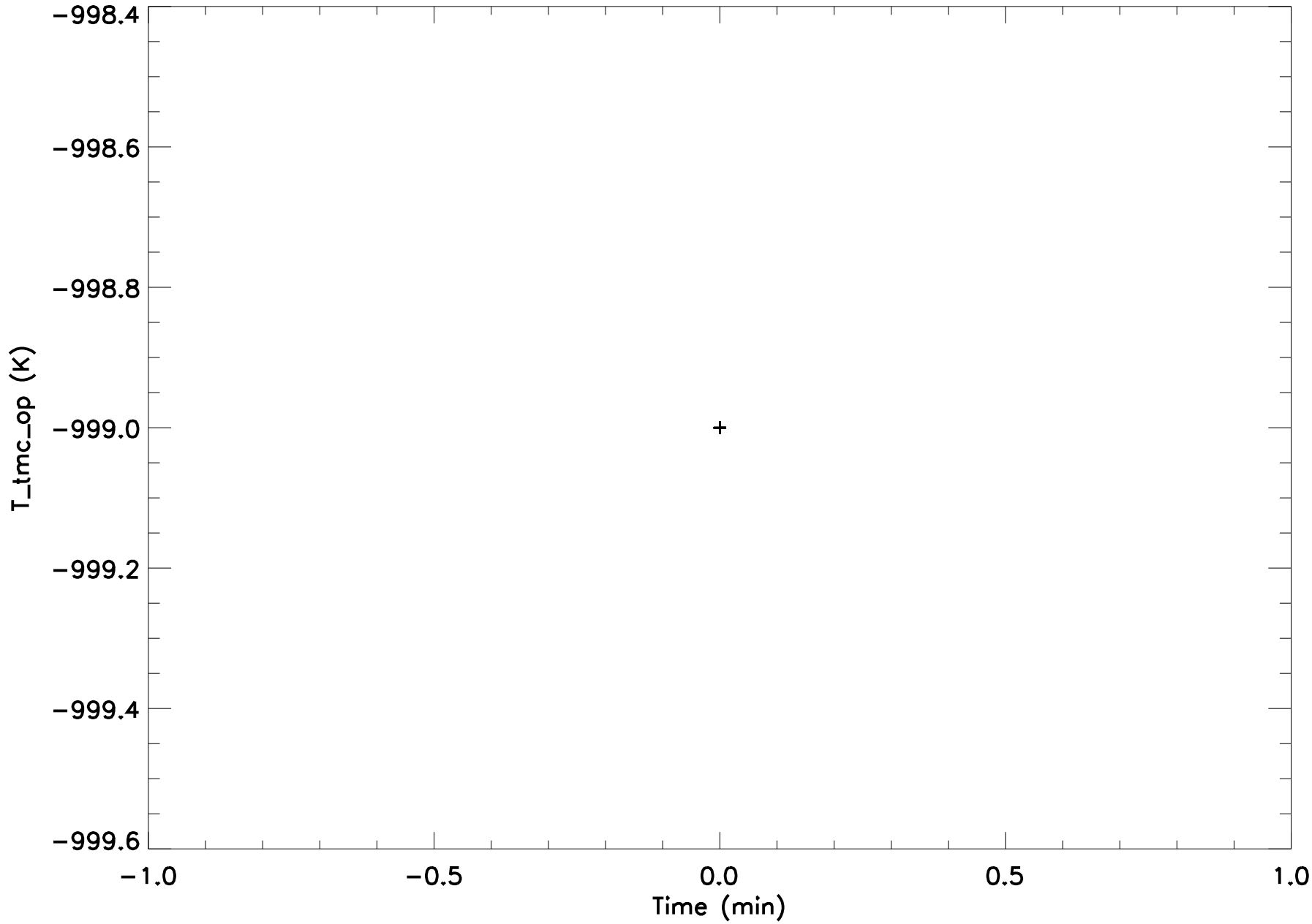

T_labb vs Time
350
340
330
320
310
300
290
T_bcs (K)
−500
0
500
1000
1500
2000
Time (min)

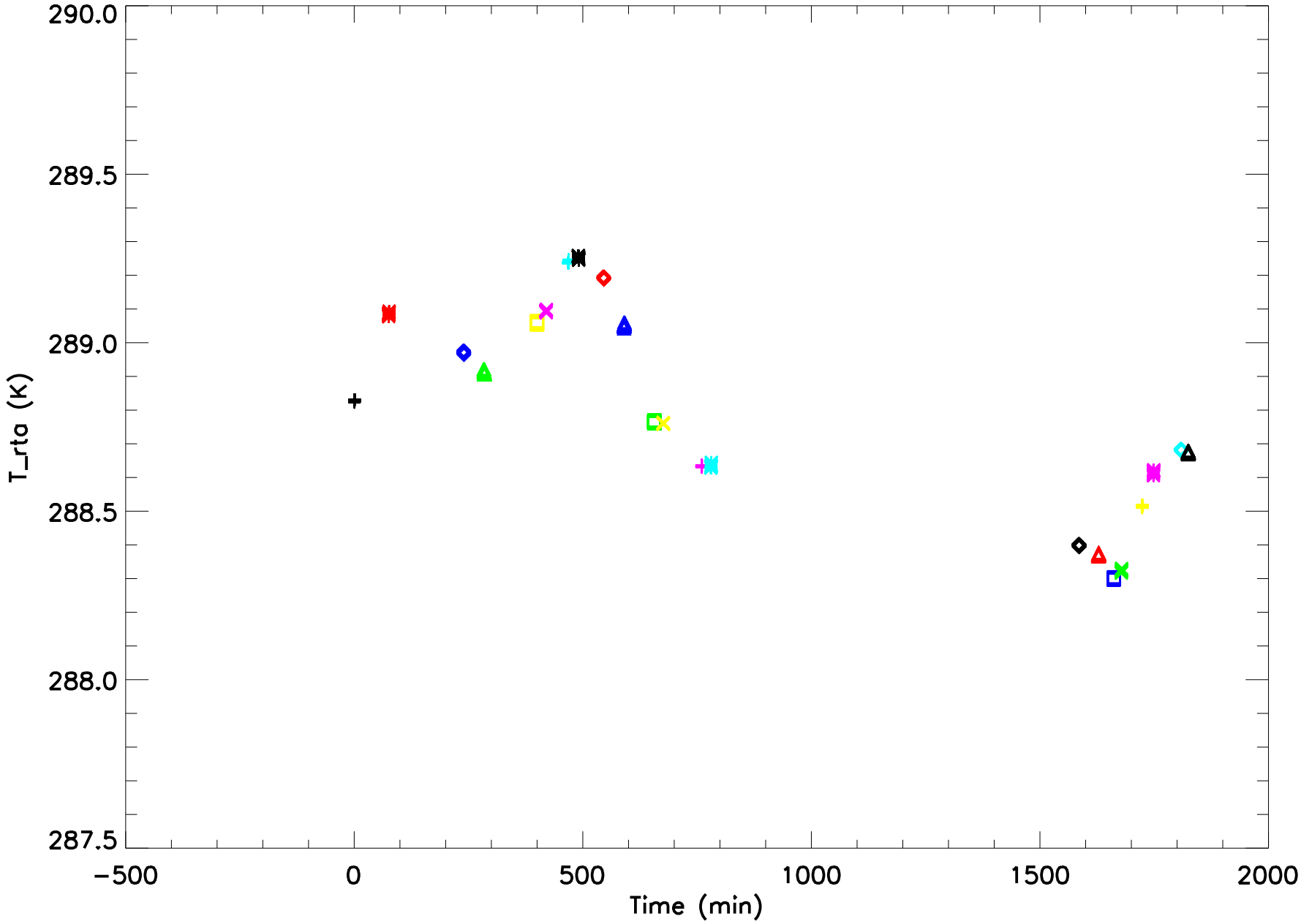

T_svs vs Time
−998.4
−998.6
−998.8
−999.0
−999.2
−999.4
−999.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

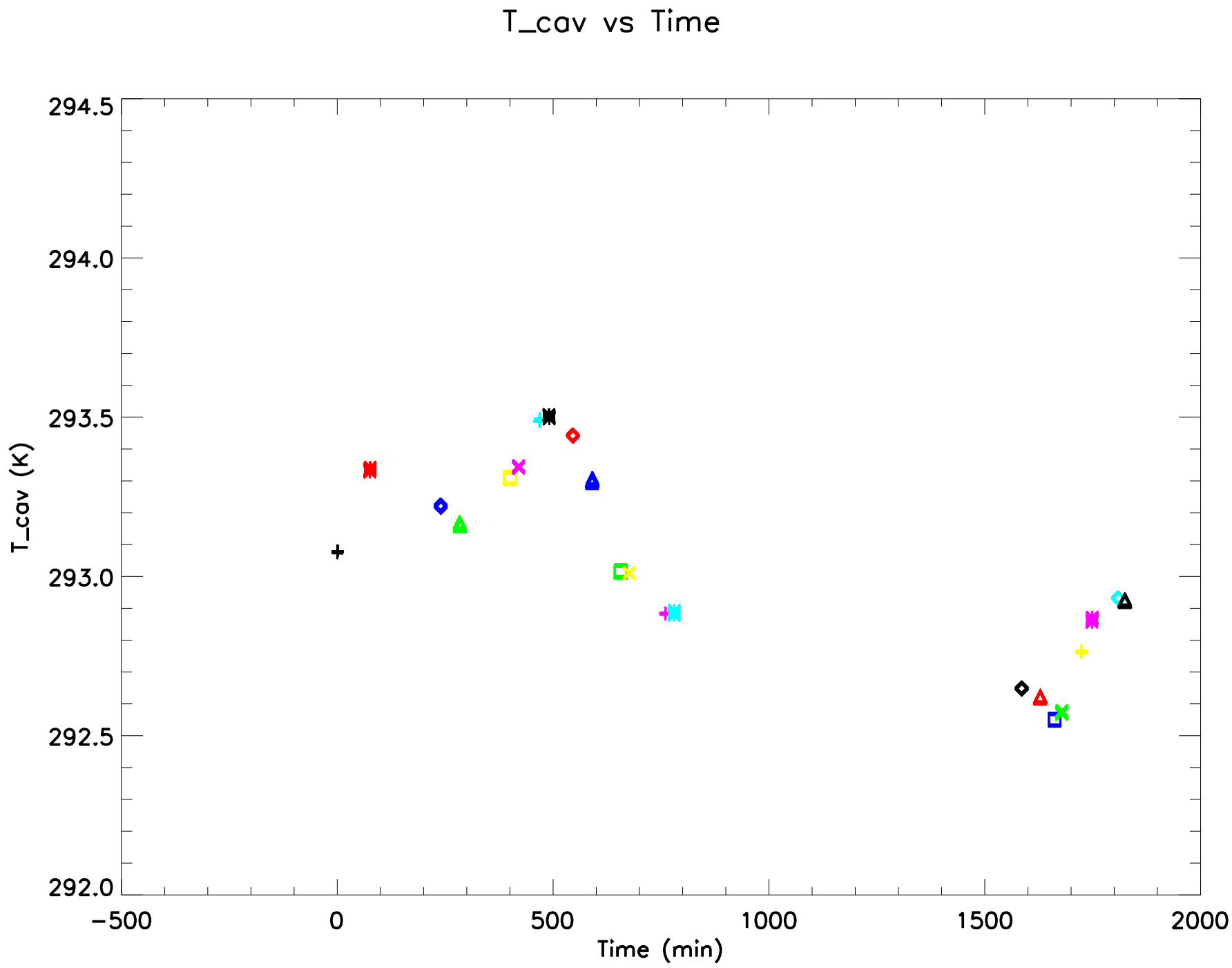

T_tmc vs Collect
380
360
340
320
300
280
T_tmc (K)
0
5
10
15
20
25
Collect

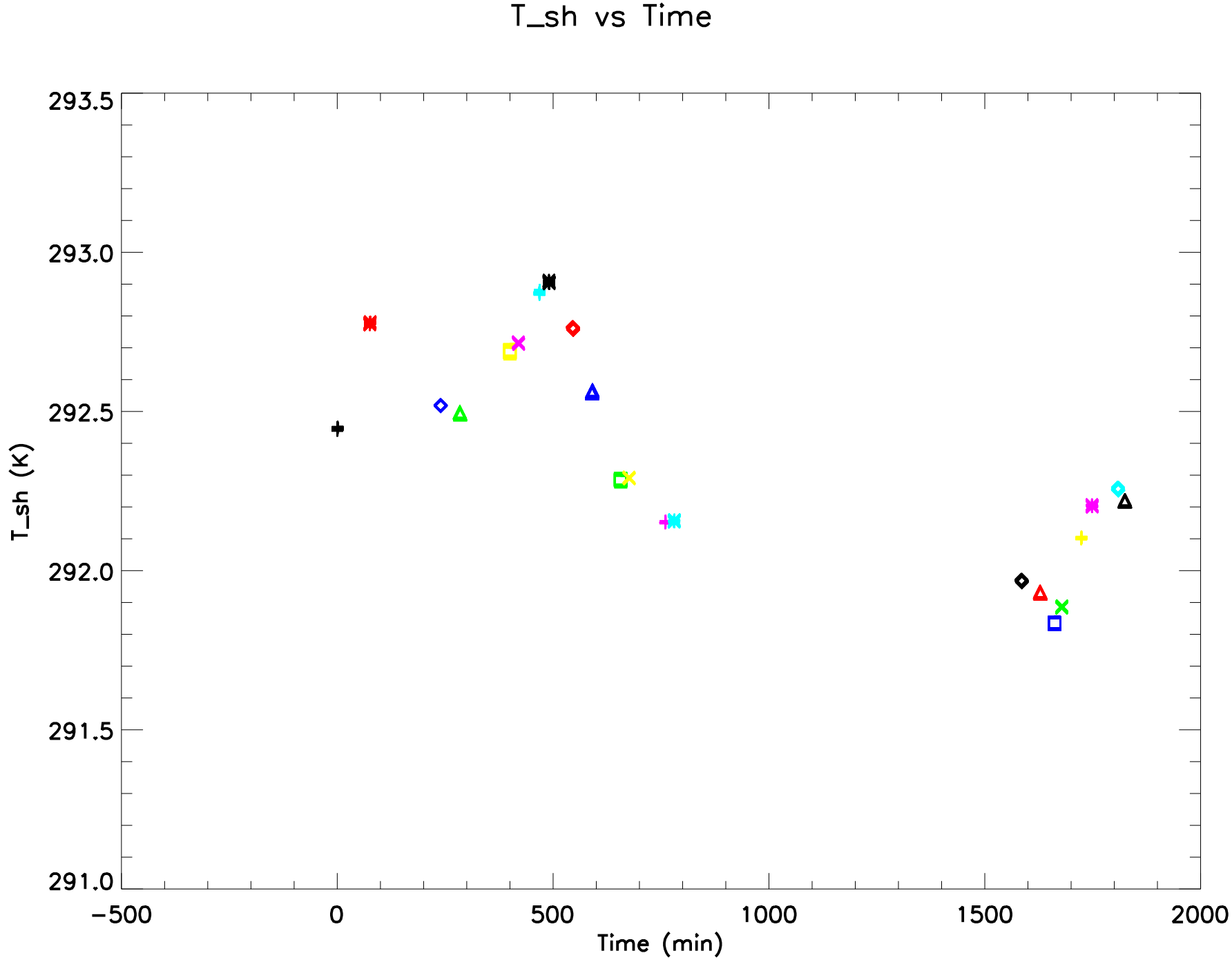

T_tmc vs Time
380
360
340
320
300
280
T_tmc (K)
−500
0
500
1000
1500
2000
Time (min)

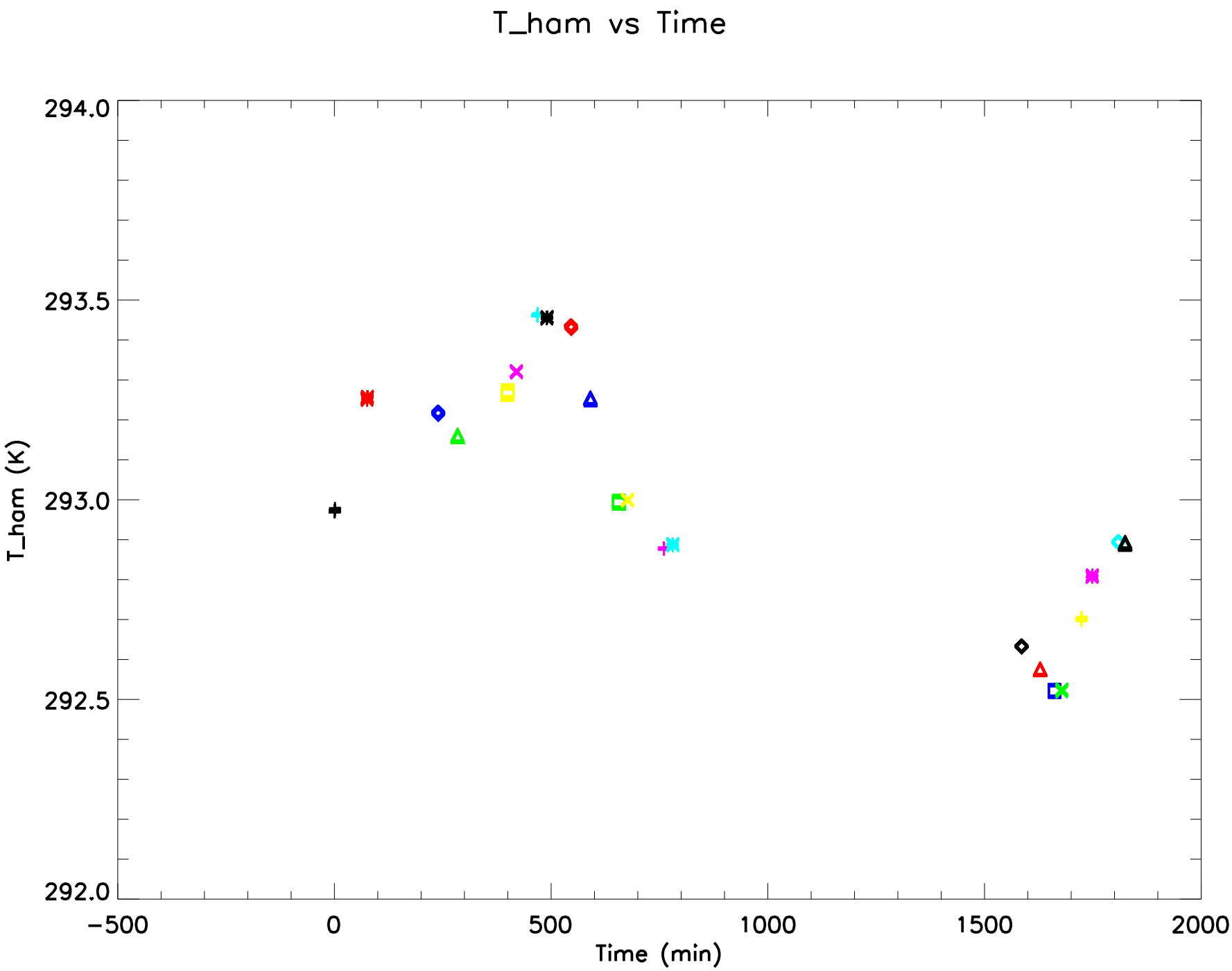

T_tmc_op vs Collect
T_tmc_op (K)
-998.4
-998.6
-998.8
-999.0
-999.2
-999.4
-999.6
0
5
10
15
20
25
Collect

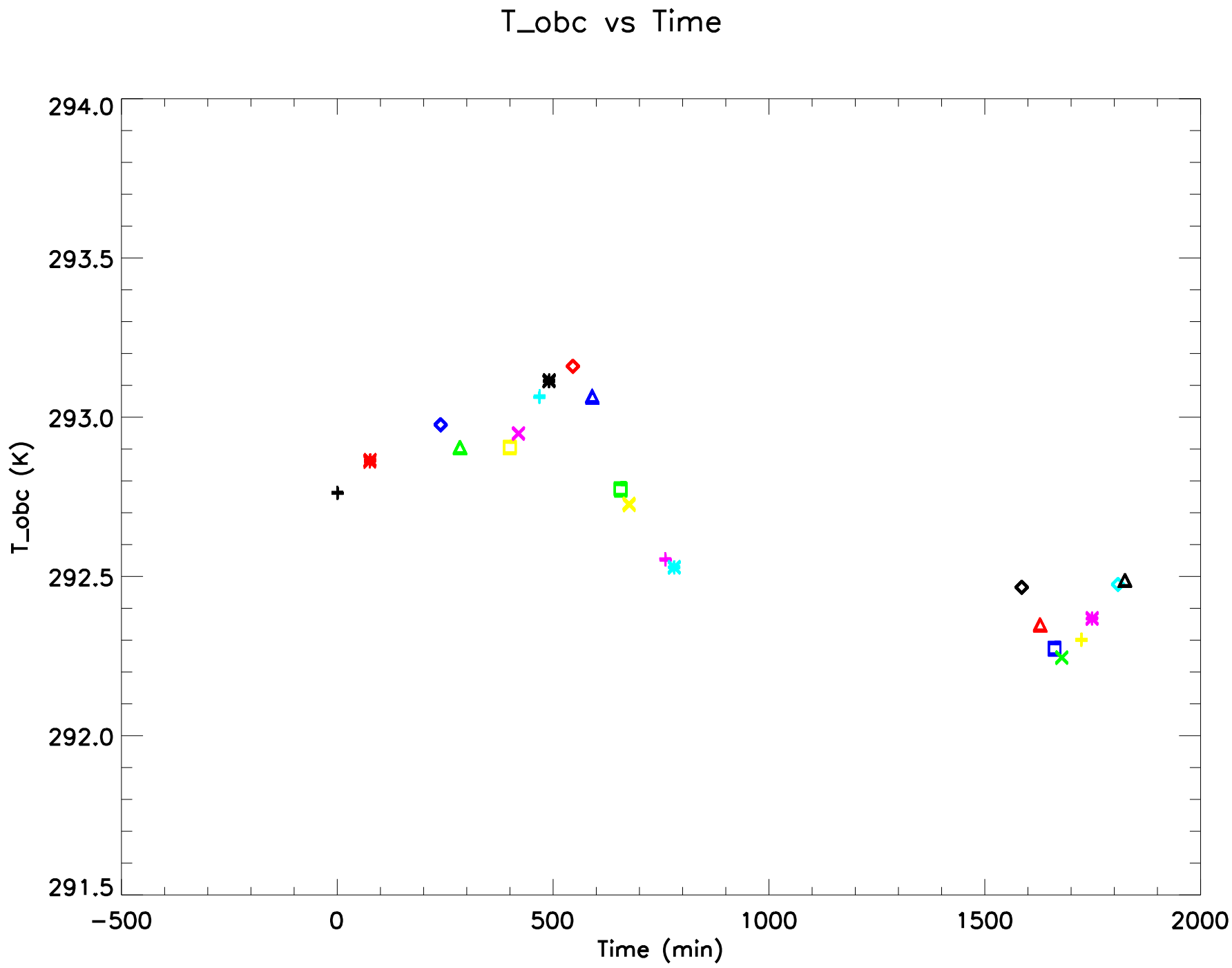

T_tmc_op vs Time
T_tmc_op (K)
−998.4
−998.6
−998.8
−999.0
−999.2
−999.4
−999.6
−1.0
−0.5
0.0
0.5
1.0
Time (min)


T_rta vs Time
290.0
289.5
289.0
288.5
288.0
287.5
T_rta (K)
−500
0
500
1000
1500
2000
Time (min)

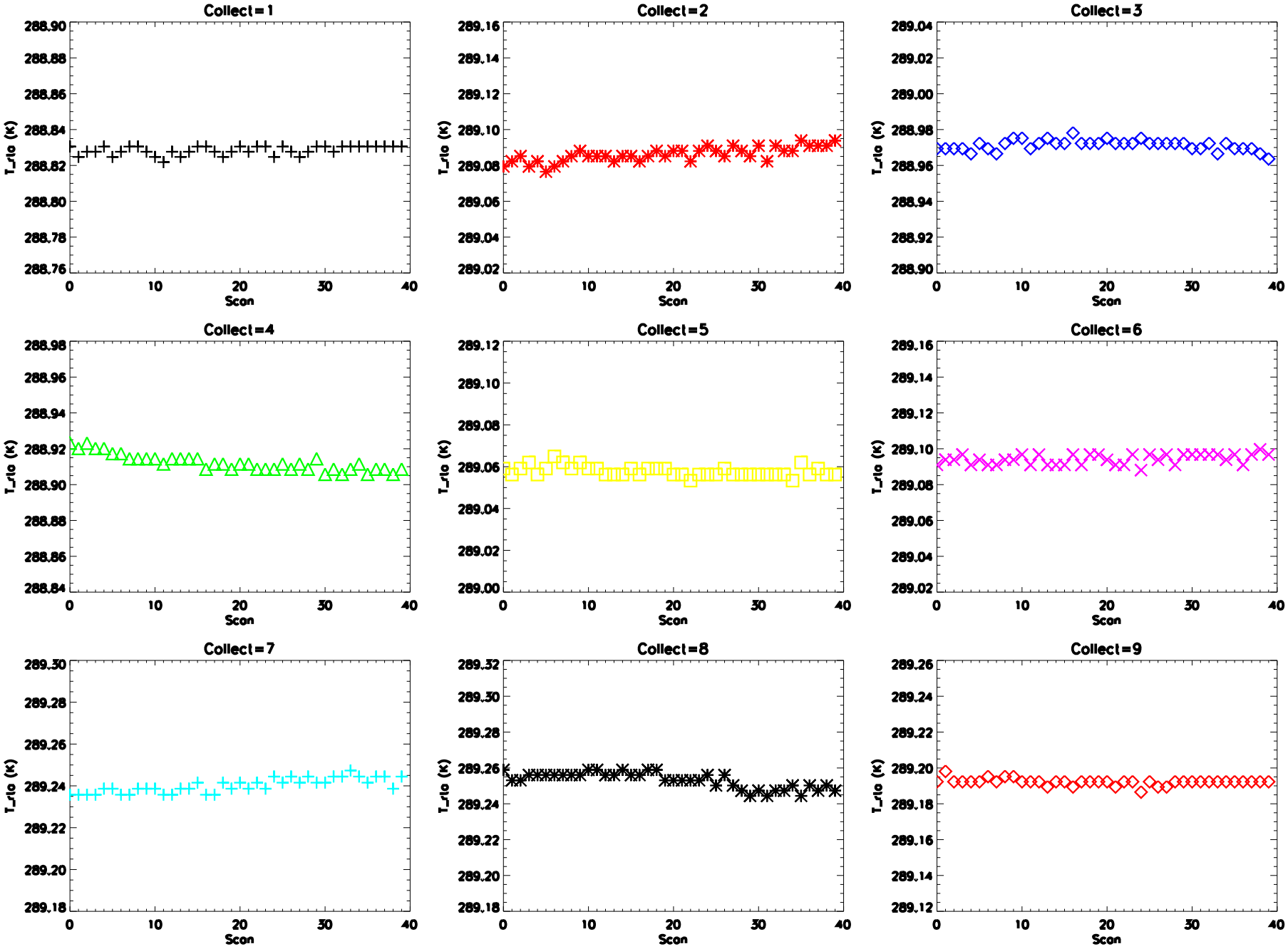

T_cav vs Time
294.5
294.0
293.5
293.0
292.5
292.0
T_cav (K)
−500
0
500
1000
1500
2000
Time (min)


T_sh vs Time
293.5
293.0
292.5
292.0
291.5
291.0
T_sh (K)
−500
0
500
1000
1500
2000
Time (min)

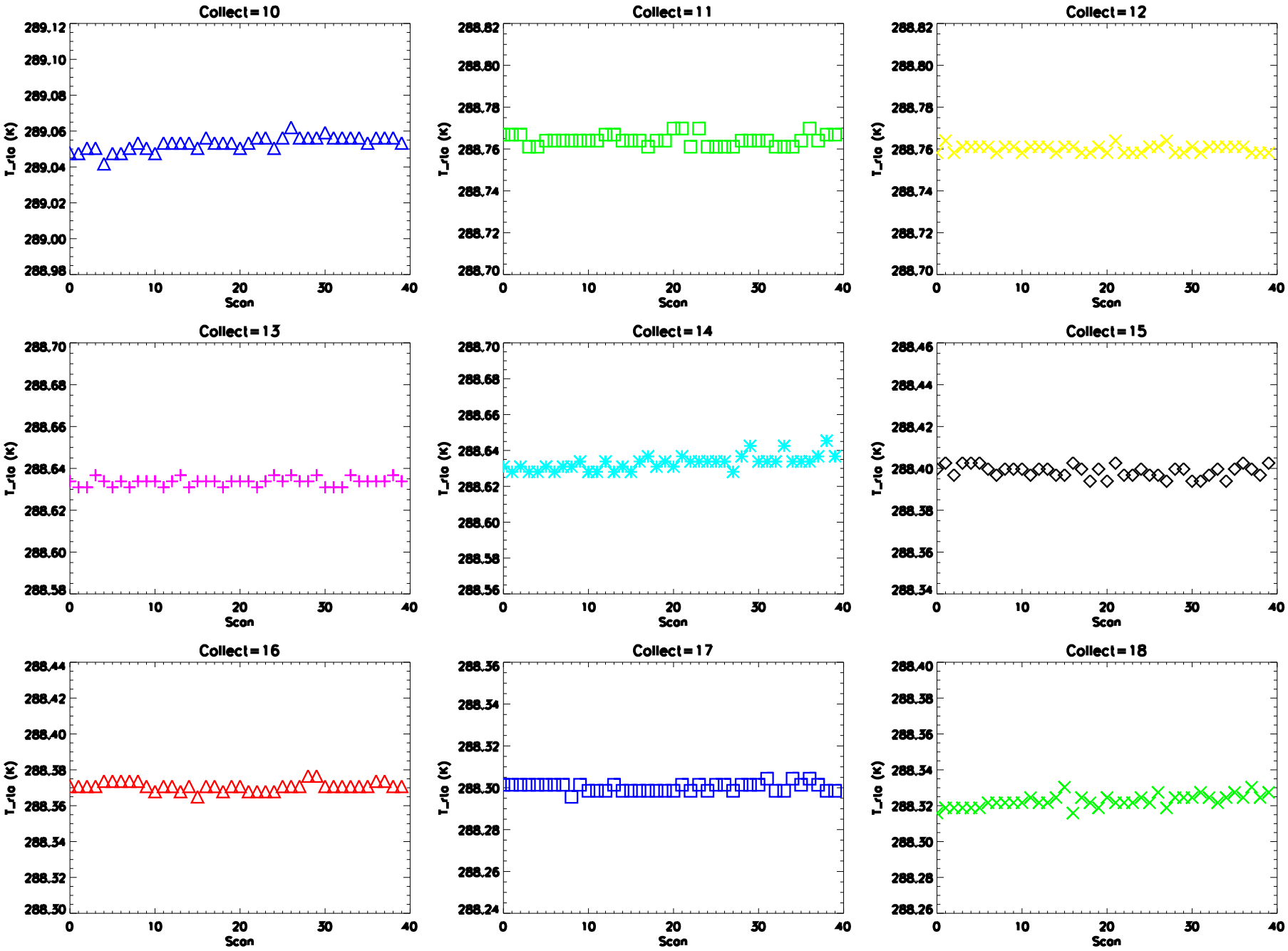

T_ham vs Time
294.0
293.5
293.0
292.5
292.0
T_ham (K)
−500
0
500
1000
1500
2000
Time (min)


T_obc vs Time
294.0
293.5
293.0
292.5
292.0
291.5
T_obc (K)
−500
0
500
1000
1500
2000
Time (min)

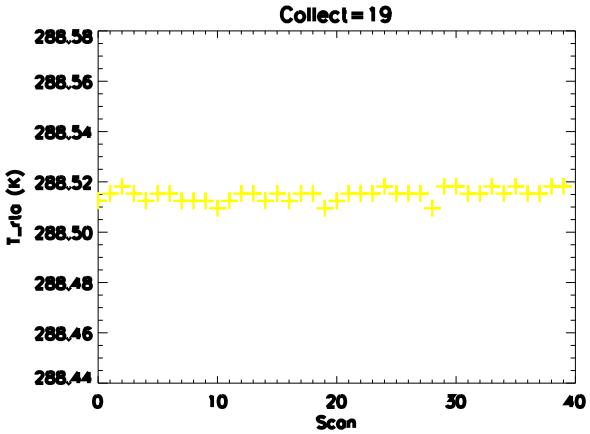
T_rta vs Scan

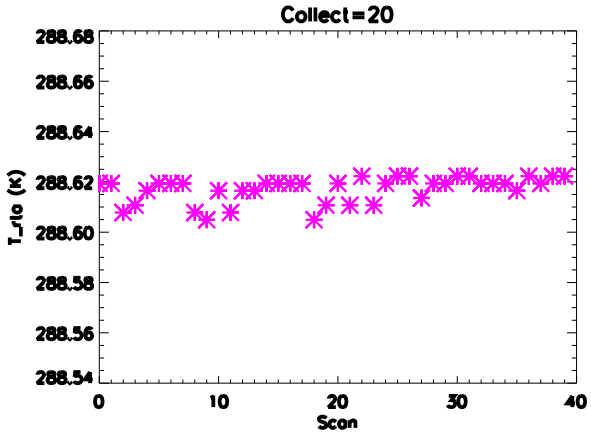

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_rta (K)
Scan

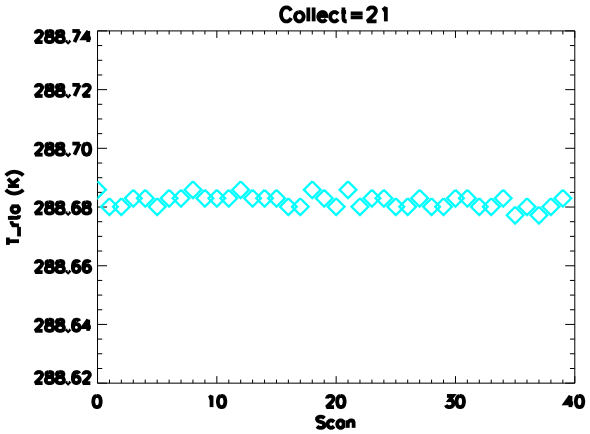
T_rta vs Scan

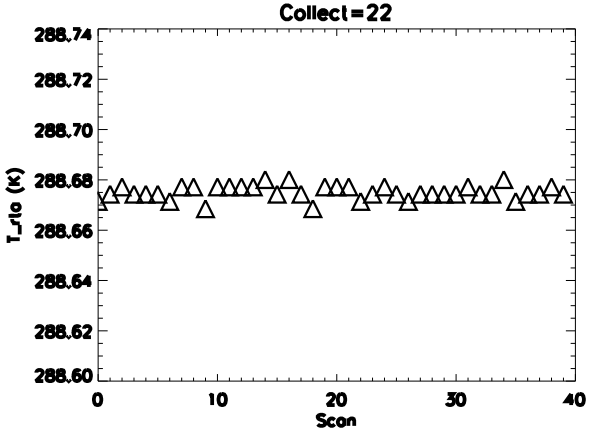

Collect = 10
T_rta (K)
289.12
289.10
289.08
289.06
289.04
289.02
289.00
288.98
Collect = 11
288.82
288.80
288.78
288.76
288.74
288.72
288.70
Collect = 12
288.82
288.80
288.78
288.76
288.74
288.72
288.70
Collect = 13
288.70
288.68
288.66
288.64
288.62
288.60
288.58
Collect = 14
288.70
288.68
288.66
288.64
288.62
288.60
288.58
288.56
Collect = 15
288.46
288.44
288.42
288.40
288.38
288.36
288.34
Collect = 16
288.44
288.42
288.40
288.38
288.36
288.34
288.32
288.30
Collect = 17
288.36
288.34
288.32
288.30
288.28
288.26
288.24
Collect = 18
288.40
288.38
288.36
288.34
288.32
288.30
288.28
288.26
0
10
20
30
40
Scan

T_rta vs Scan

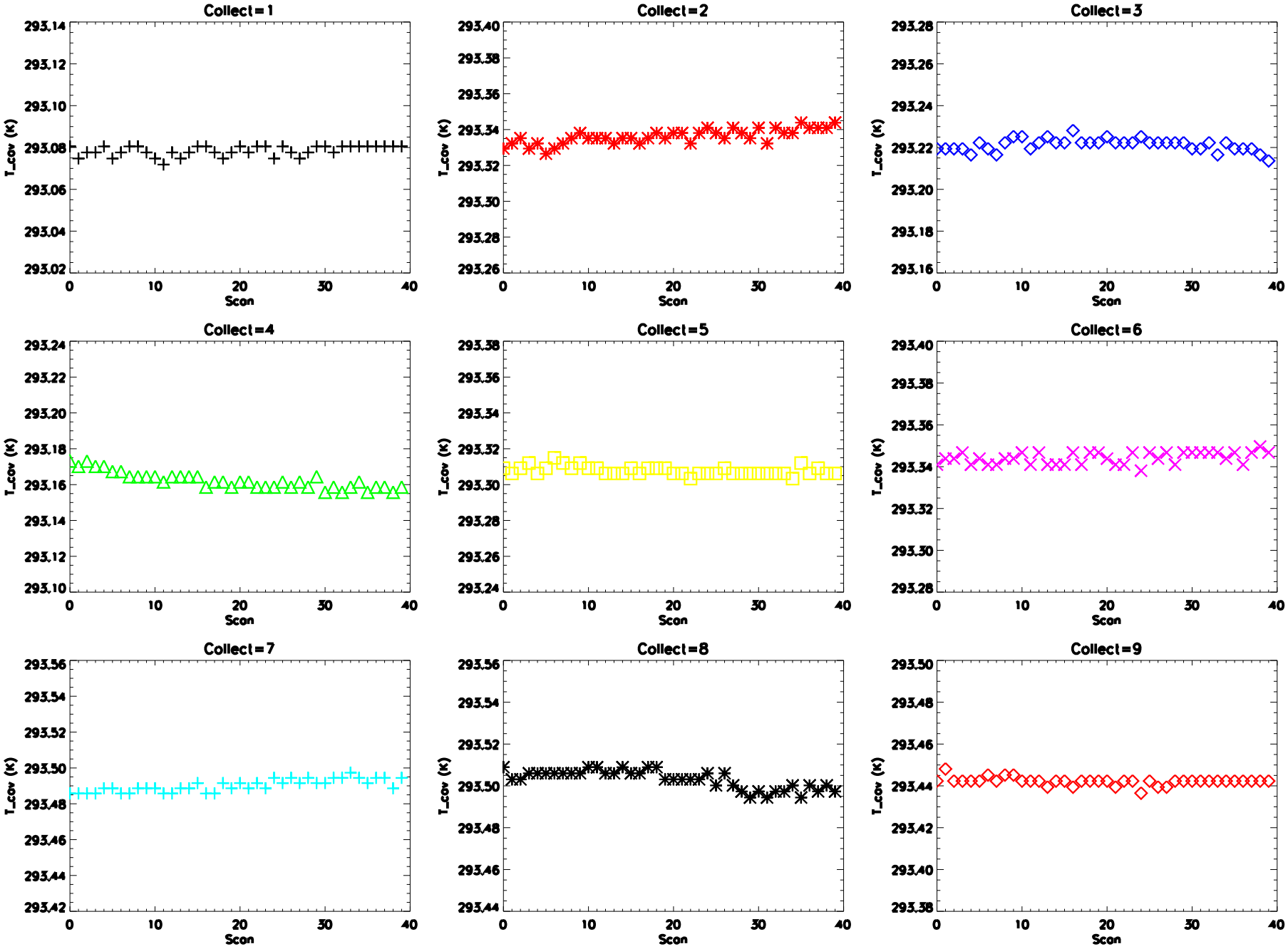

Collect=19
T_rta (K)
288.58
288.56
288.54
288.52
288.50
288.48
288.46
288.44
0
10
20
30
40
Scan


Collect=20
T_rta (K)
288.68
288.66
288.64
288.62
288.60
288.58
288.56
288.54
0
10
20
30
40
Scan

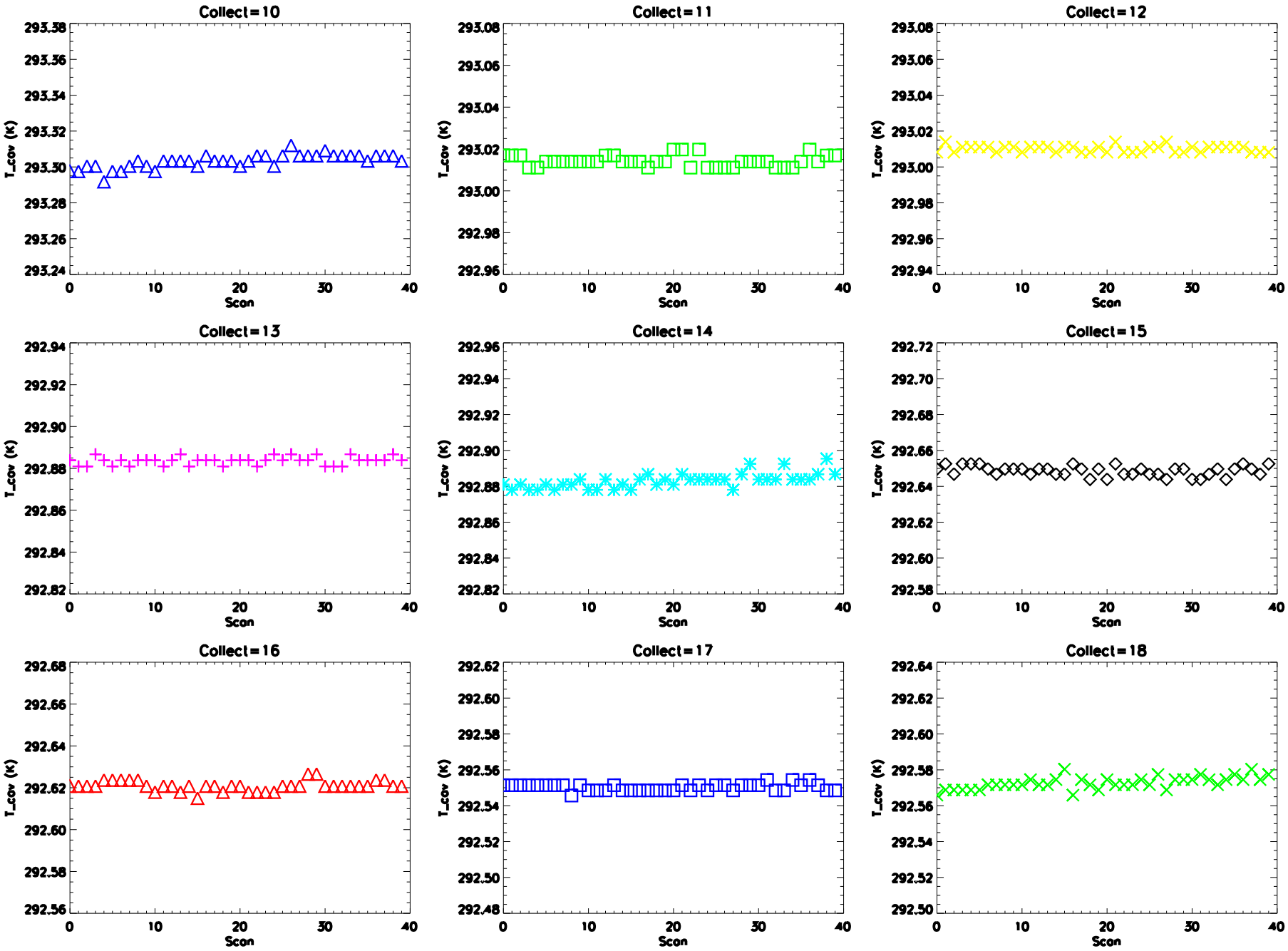

Collect=21
T_rta (K)
288.74
288.72
288.70
288.68
288.66
288.64
288.62
0
10
20
30
40
Scan


Collect=22
T_rta (K)
288.74
288.72
288.70
288.68
288.66
288.64
288.62
288.60
0
10
20
30
40
Scan

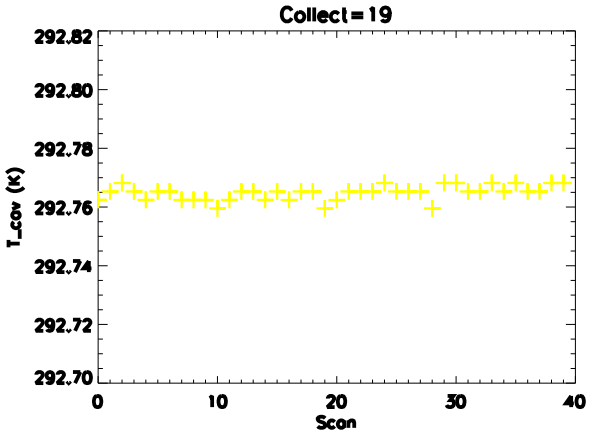
T_cav vs Scan

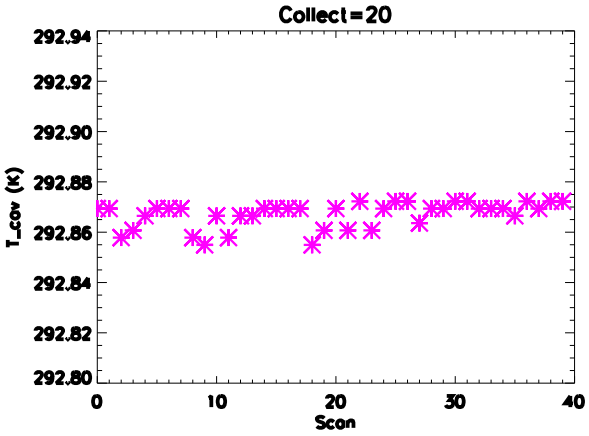

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_cav (K)
Scan

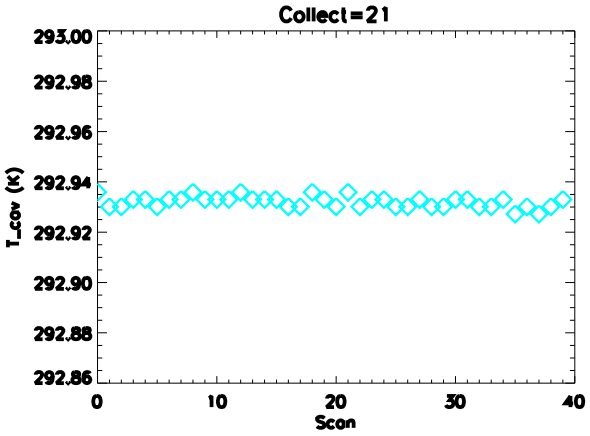
T_cav vs Scan

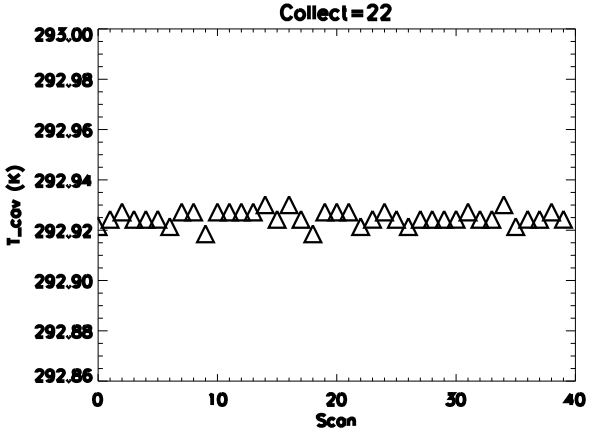

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
T_cav (K)
Scan

T_cav vs Scan

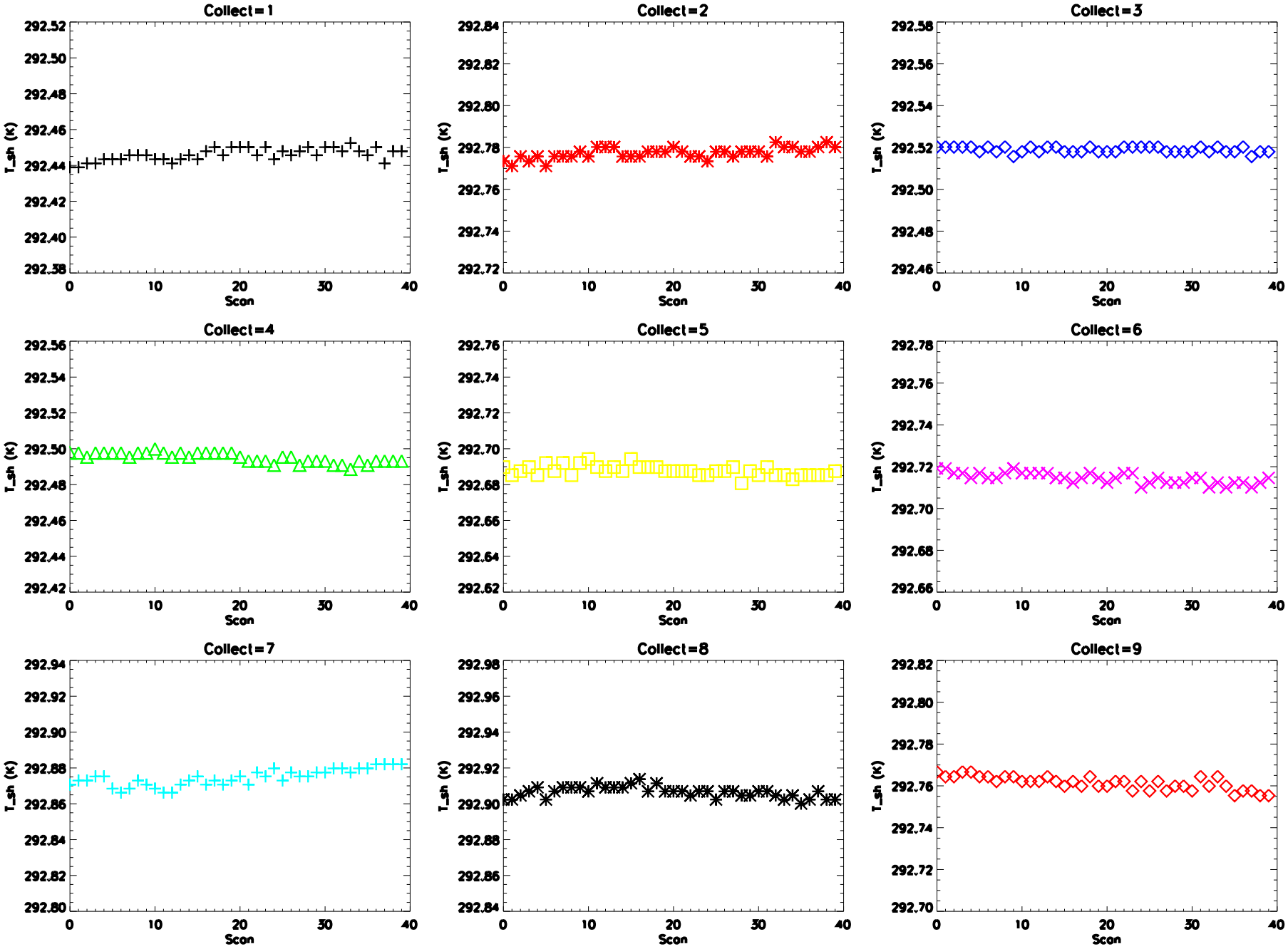

Collect=19
T_cav (K)
292.82
292.80
292.78
292.76
292.74
292.72
292.70
0
10
20
30
40
Scan


Collect=20
T_cav (K)
292.94
292.92
292.90
292.88
292.86
292.84
292.82
292.80
0
10
20
30
40
Scan

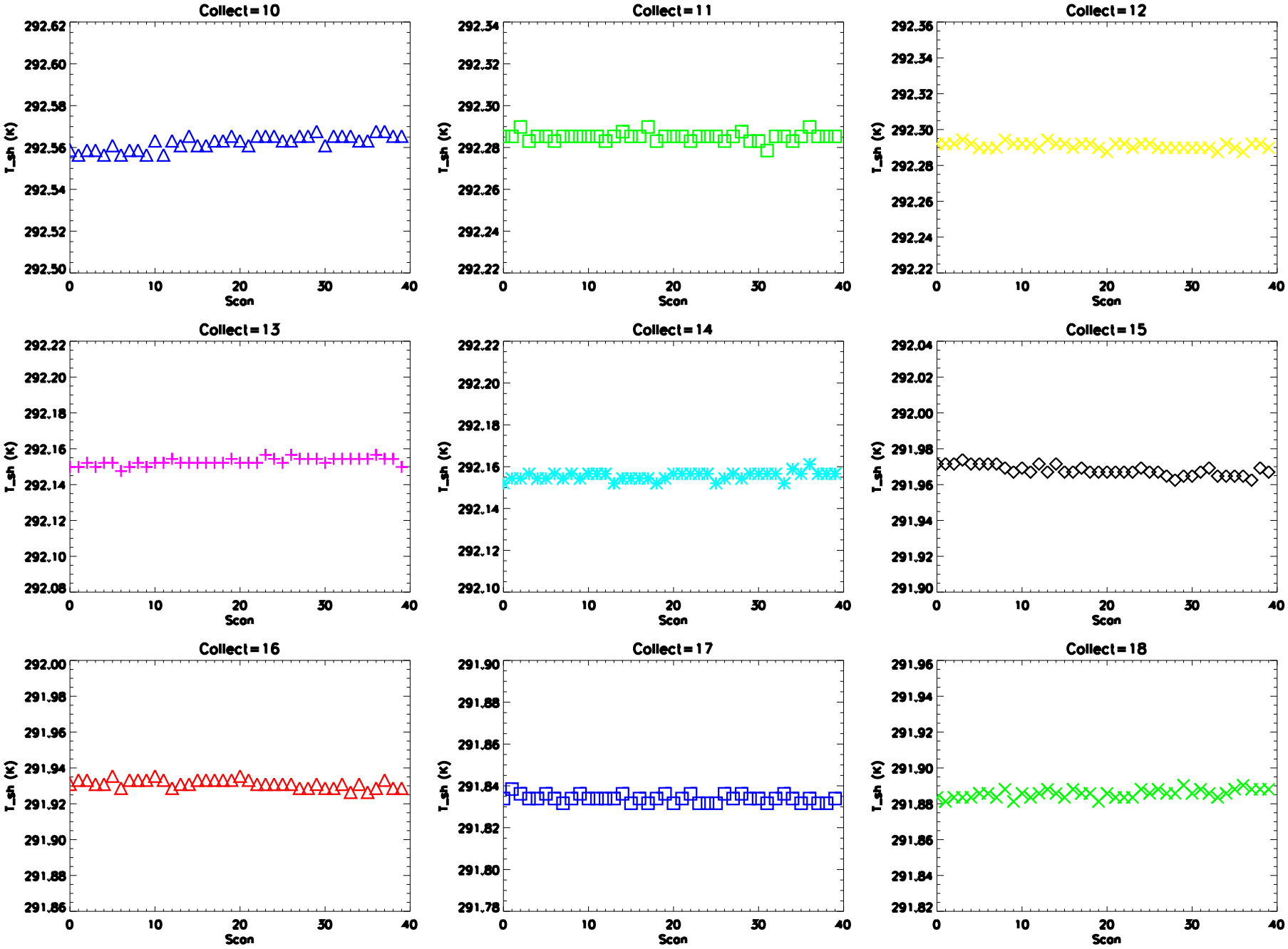

Collect=21
T_cav (K)
293.00
292.98
292.96
292.94
292.92
292.90
292.88
292.86
0
10
20
30
40
Scan


Collect=22
T_cav (K)
293.00
292.98
292.96
292.94
292.92
292.90
292.88
292.86
0
10
20
30
40
Scan

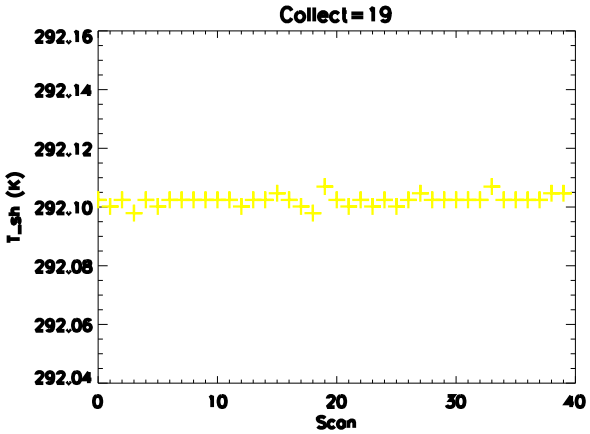
T_sh vs Scan

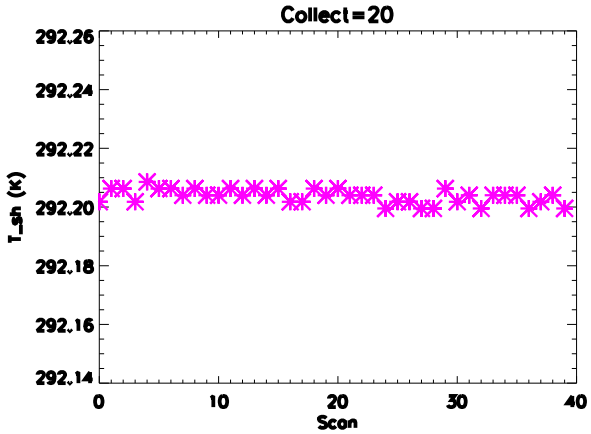

Collect=1
T_sh (K)
292.52
292.50
292.48
292.46
292.44
292.42
292.40
292.38
0
10
20
30
40
Scan
Collect=2
T_sh (K)
292.84
292.82
292.80
292.78
292.76
292.74
292.72
0
10
20
30
40
Scan
Collect=3
T_sh (K)
292.58
292.56
292.54
292.52
292.50
292.48
292.46
0
10
20
30
40
Scan
Collect=4
T_sh (K)
292.56
292.54
292.52
292.50
292.48
292.46
292.44
292.42
0
10
20
30
40
Scan
Collect=5
T_sh (K)
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
0
10
20
30
40
Scan
Collect=6
T_sh (K)
292.78
292.76
292.74
292.72
292.70
292.68
292.66
0
10
20
30
40
Scan
Collect=7
T_sh (K)
292.94
292.92
292.90
292.88
292.86
292.84
292.82
292.80
0
10
20
30
40
Scan
Collect=8
T_sh (K)
292.98
292.96
292.94
292.92
292.90
292.88
292.86
292.84
0
10
20
30
40
Scan
Collect=9
T_sh (K)
292.82
292.80
292.78
292.76
292.74
292.72
292.70
0
10
20
30
40
Scan

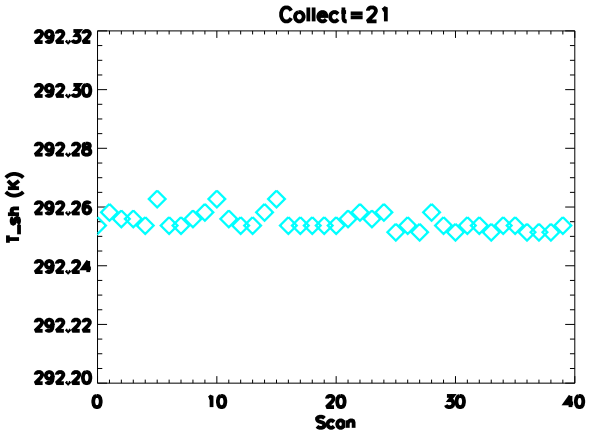
T_sh vs Scan

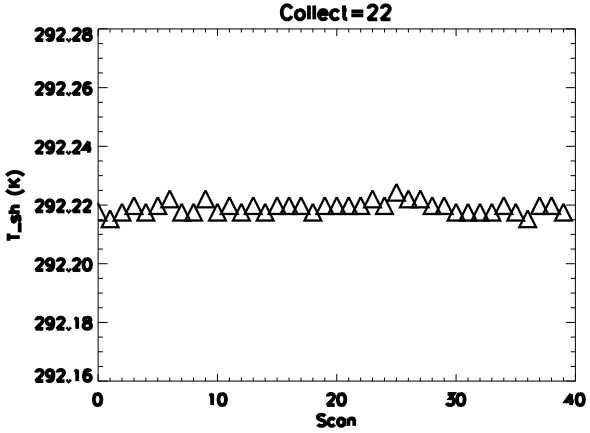

Collect = 10
292.62
292.60
292.58
292.56
292.54
292.52
292.50
T_sh (K)
0
10
20
30
40
Scan
Collect = 11
292.34
292.32
292.30
292.28
292.26
292.24
292.22
T_sh (K)
0
10
20
30
40
Scan
Collect = 12
292.36
292.34
292.32
292.30
292.28
292.26
292.24
292.22
T_sh (K)
0
10
20
30
40
Scan
Collect = 13
292.22
292.20
292.18
292.16
292.14
292.12
292.10
292.08
T_sh (K)
0
10
20
30
40
Scan
Collect = 14
292.22
292.20
292.18
292.16
292.14
292.12
292.10
T_sh (K)
0
10
20
30
40
Scan
Collect = 15
292.04
292.02
292.00
291.98
291.96
291.94
291.92
291.90
T_sh (K)
0
10
20
30
40
Scan
Collect = 16
292.00
291.98
291.96
291.94
291.92
291.90
291.88
291.86
T_sh (K)
0
10
20
30
40
Scan
Collect = 17
291.90
291.88
291.86
291.84
291.82
291.80
291.78
T_sh (K)
0
10
20
30
40
Scan
Collect = 18
291.96
291.94
291.92
291.90
291.88
291.86
291.84
291.82
T_sh (K)
0
10
20
30
40
Scan

T_sh vs Scan

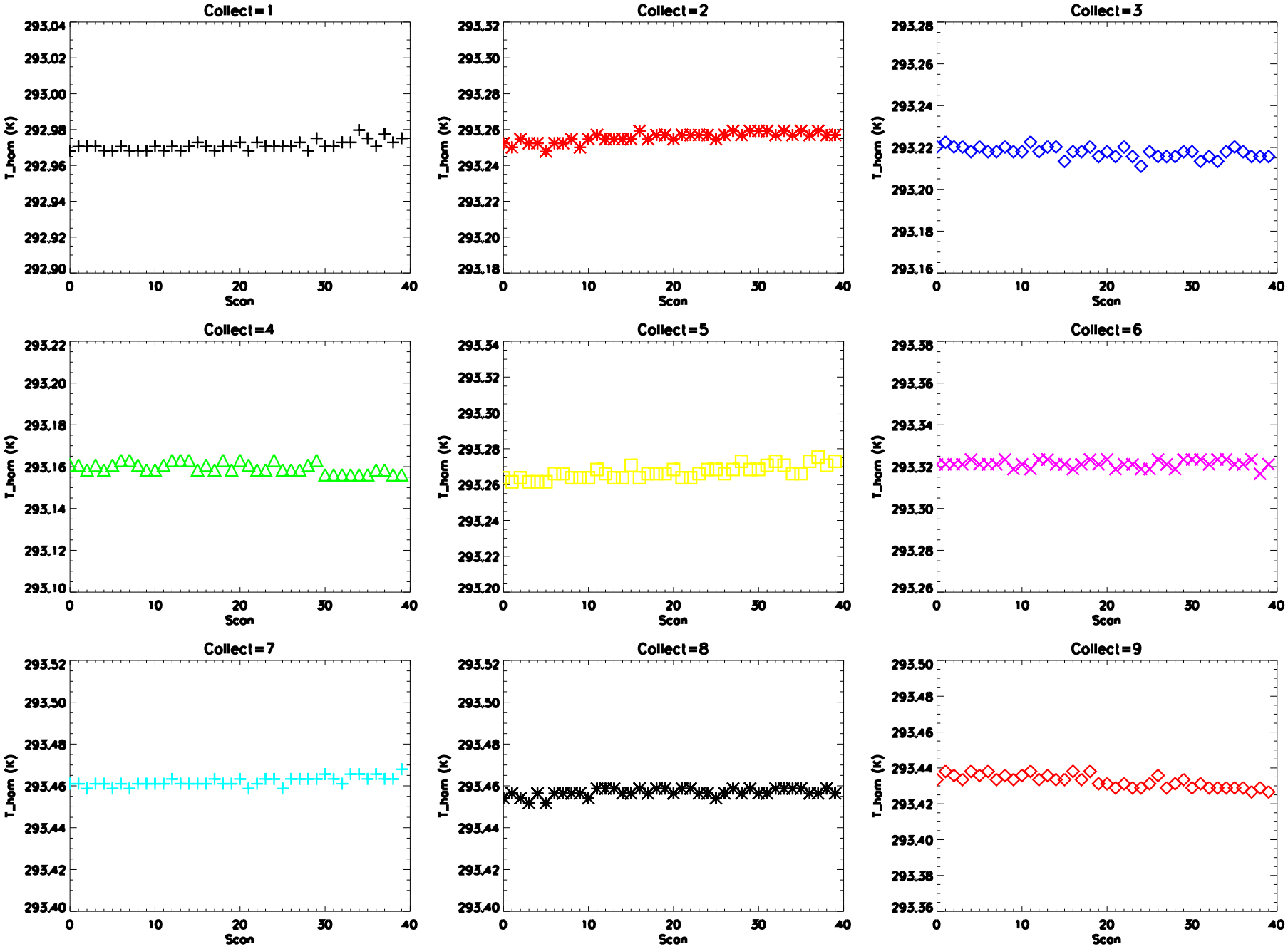

Collect=19
T_sh (K)
292.16
292.14
292.12
292.10
292.08
292.06
292.04
0
10
20
30
40
Scan


Collect=20
T_sh (K)
292.26
292.24
292.22
292.20
292.18
292.16
292.14
0
10
20
30
40
Scan

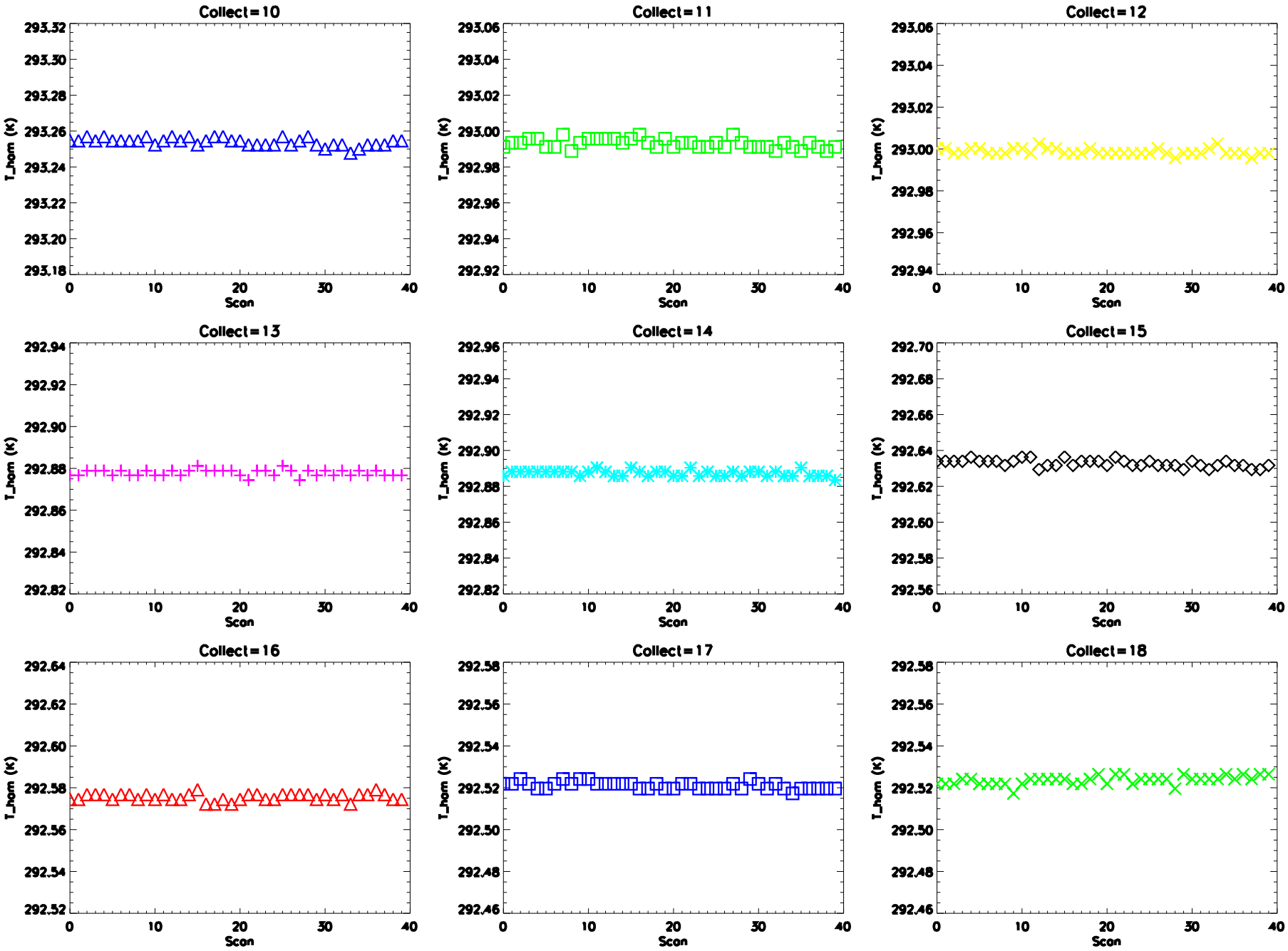

Collect=21
T_sh (K)
292.32
292.30
292.28
292.26
292.24
292.22
292.20
0
10
20
30
40
Scan


Collect=22
T_sh (K)
292.28
292.26
292.24
292.22
292.20
292.18
292.16
0
10
20
30
40
Scan

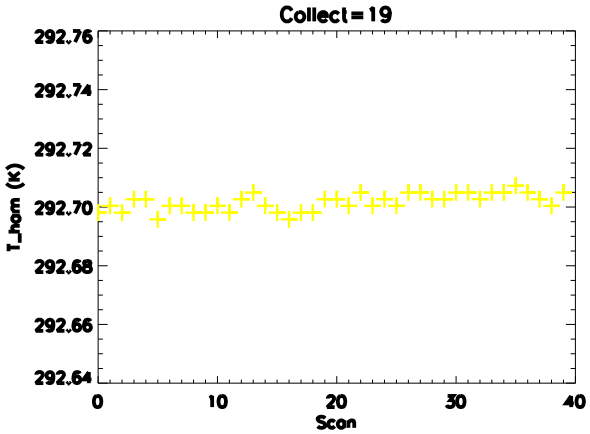
T_ham vs Scan

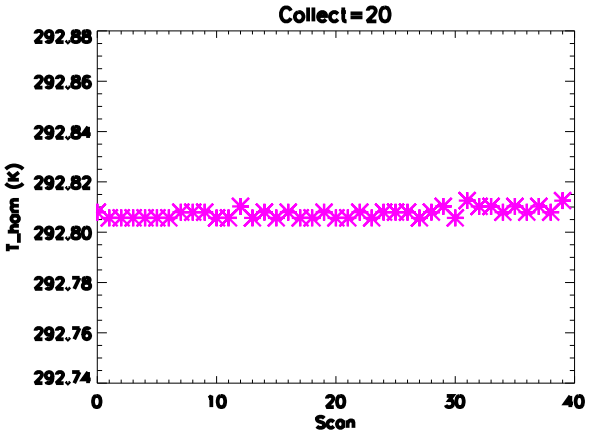

Collect=1
293.04
293.02
293.00
292.98
292.96
292.94
292.92
292.90
T_ham (K)
0
10
20
30
40
Scan
Collect=2
293.32
293.30
293.28
293.26
293.24
293.22
293.20
293.18
T_ham (K)
0
10
20
30
40
Scan
Collect=3
293.28
293.26
293.24
293.22
293.20
293.18
293.16
T_ham (K)
0
10
20
30
40
Scan
Collect=4
293.22
293.20
293.18
293.16
293.14
293.12
293.10
T_ham (K)
0
10
20
30
40
Scan
Collect=5
293.34
293.32
293.30
293.28
293.26
293.24
293.22
293.20
T_ham (K)
0
10
20
30
40
Scan
Collect=6
293.38
293.36
293.34
293.32
293.30
293.28
293.26
T_ham (K)
0
10
20
30
40
Scan
Collect=7
293.52
293.50
293.48
293.46
293.44
293.42
293.40
T_ham (K)
0
10
20
30
40
Scan
Collect=8
293.52
293.50
293.48
293.46
293.44
293.42
293.40
T_ham (K)
0
10
20
30
40
Scan
Collect=9
293.50
293.48
293.46
293.44
293.42
293.40
293.38
293.36
T_ham (K)
0
10
20
30
40
Scan

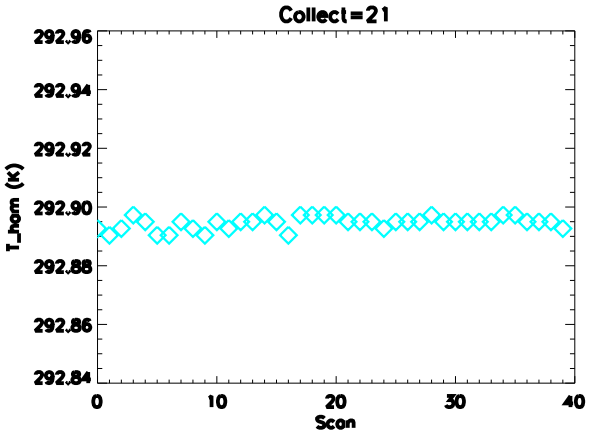
T_ham vs Scan

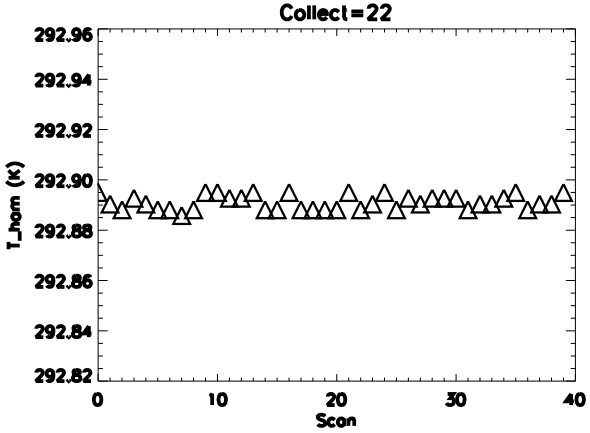

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
T_ham (K)
Scan

T_ham vs Scan

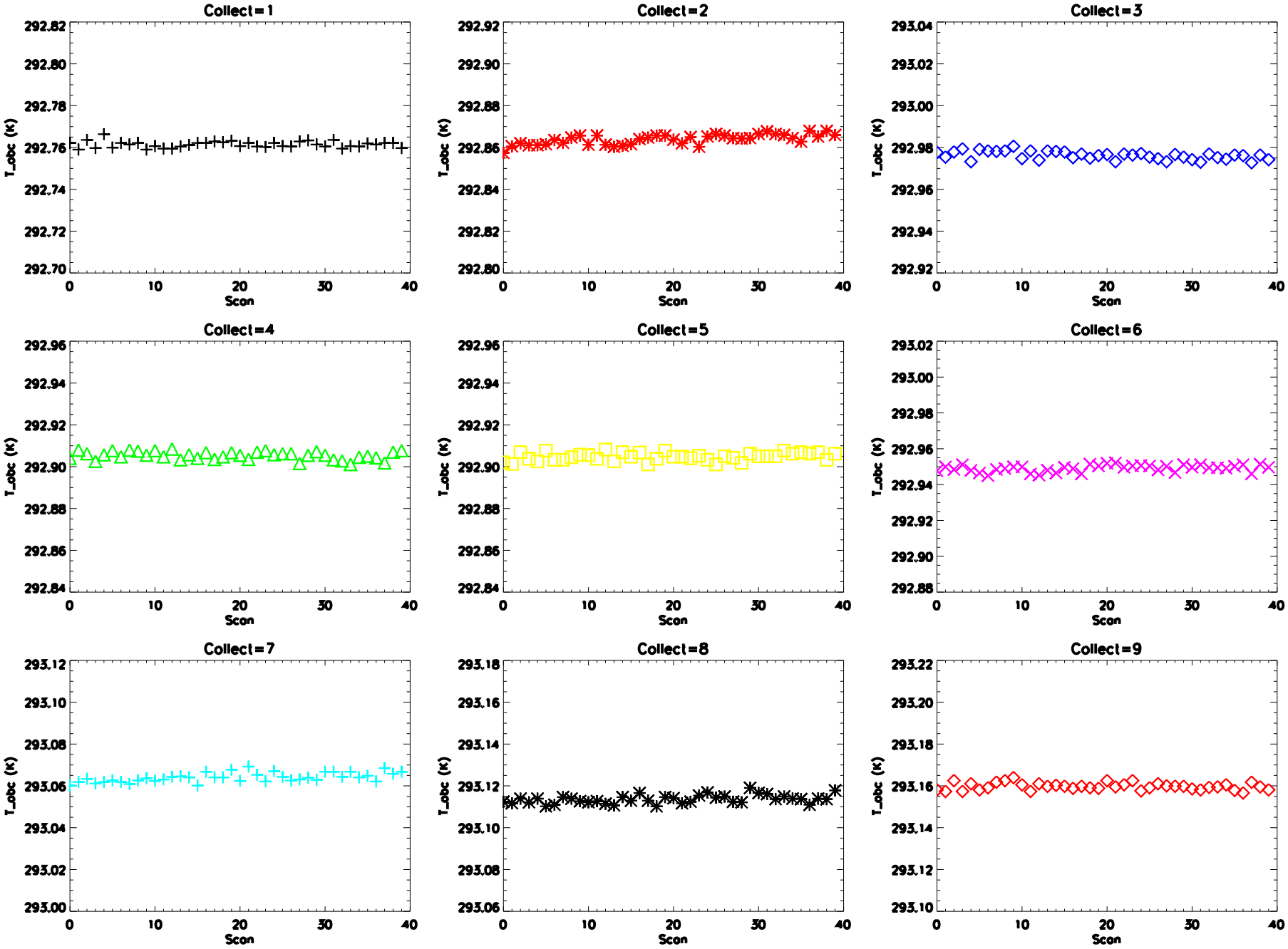

Collect=19
T_ham (K)
292.76
292.74
292.72
292.70
292.68
292.66
292.64
0
10
20
30
40
Scan


Collect=20
T_ham (K)
292.88
292.86
292.84
292.82
292.80
292.78
292.76
292.74
0
10
20
30
40
Scan

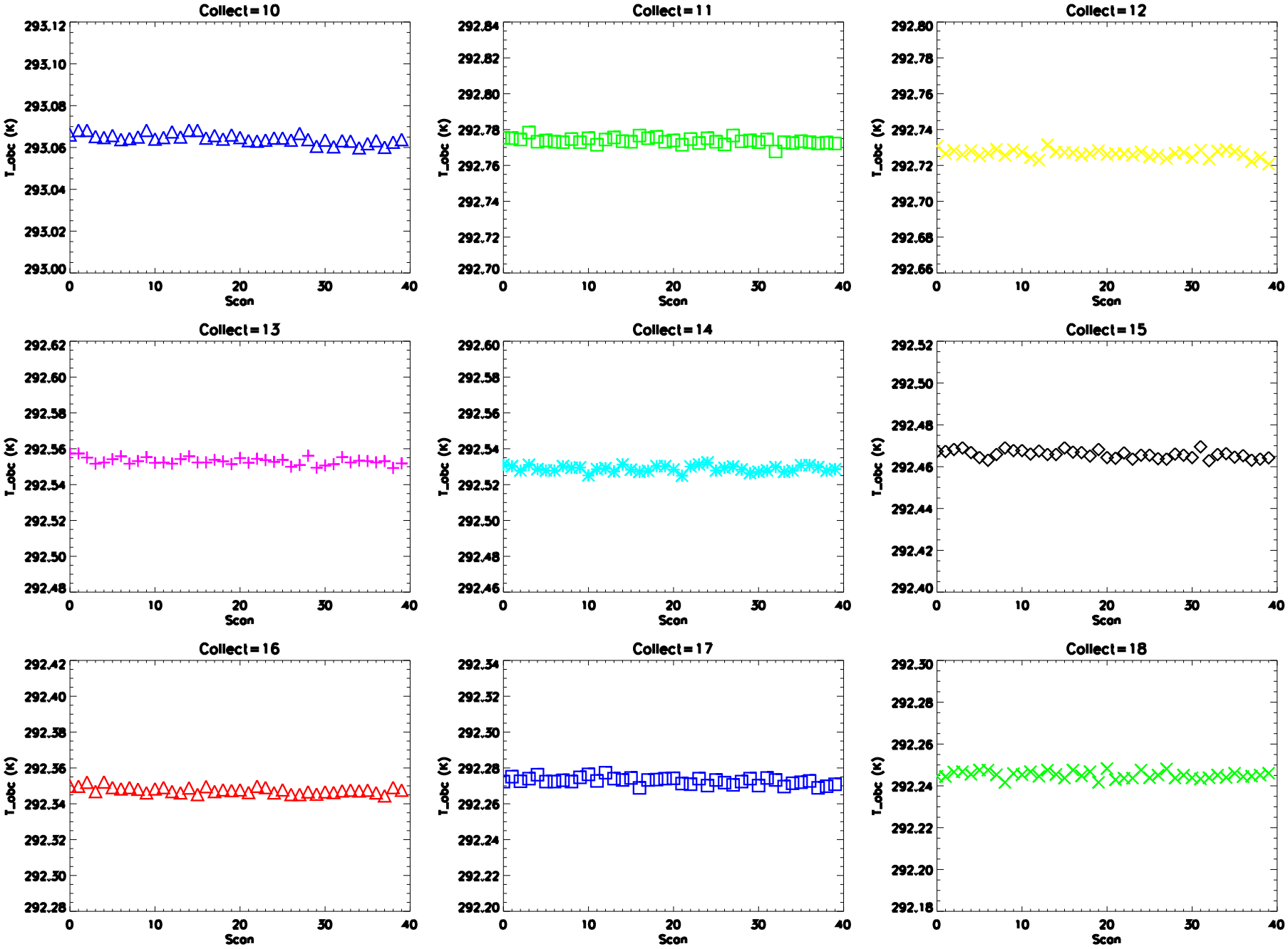

Collect=21
T_ham (K)
292.96
292.94
292.92
292.90
292.88
292.86
292.84
0
10
20
30
40
Scan


Collect=22
T_ham (K)
292.96
292.94
292.92
292.90
292.88
292.86
292.84
292.82
0
10
20
30
40
Scan

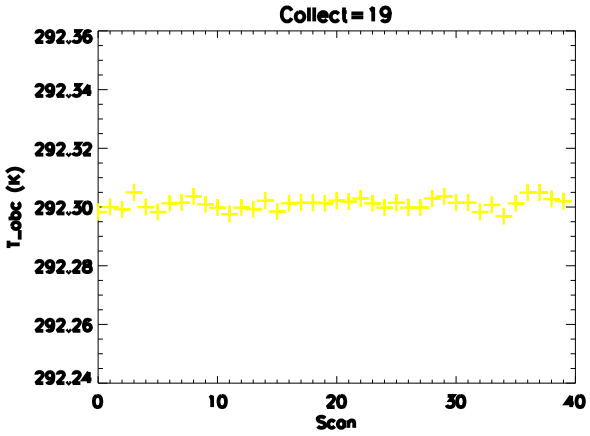
T_obc vs Scan

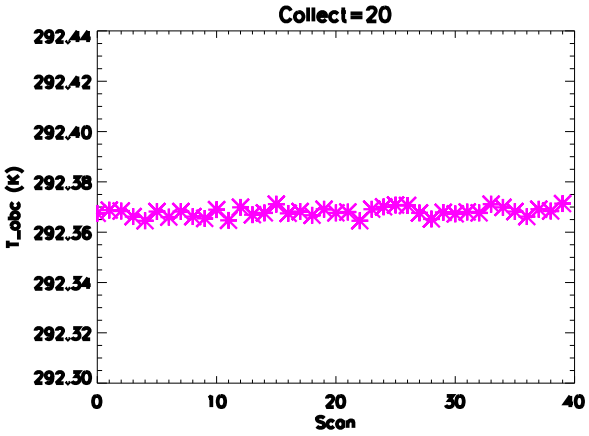

Collect=1
292.82
292.80
292.78
292.76
292.74
292.72
292.70
T_obc (K)
0
10
20
30
40
Scan
Collect=2
292.92
292.90
292.88
292.86
292.84
292.82
292.80
T_obc (K)
0
10
20
30
40
Scan
Collect=3
293.04
293.02
293.00
292.98
292.96
292.94
292.92
T_obc (K)
0
10
20
30
40
Scan
Collect=4
292.96
292.94
292.92
292.90
292.88
292.86
292.84
T_obc (K)
0
10
20
30
40
Scan
Collect=5
292.96
292.94
292.92
292.90
292.88
292.86
292.84
T_obc (K)
0
10
20
30
40
Scan
Collect=6
293.02
293.00
292.98
292.96
292.94
292.92
292.90
292.88
T_obc (K)
0
10
20
30
40
Scan
Collect=7
293.12
293.10
293.08
293.06
293.04
293.02
293.00
T_obc (K)
0
10
20
30
40
Scan
Collect=8
293.18
293.16
293.14
293.12
293.10
293.08
293.06
T_obc (K)
0
10
20
30
40
Scan
Collect=9
293.22
293.20
293.18
293.16
293.14
293.12
293.10
T_obc (K)
0
10
20
30
40
Scan

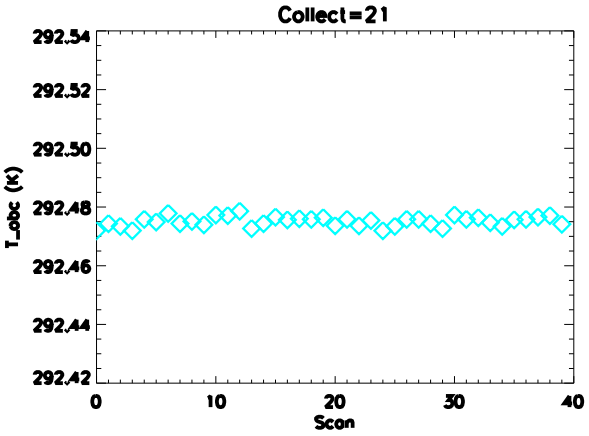
T_obc vs Scan

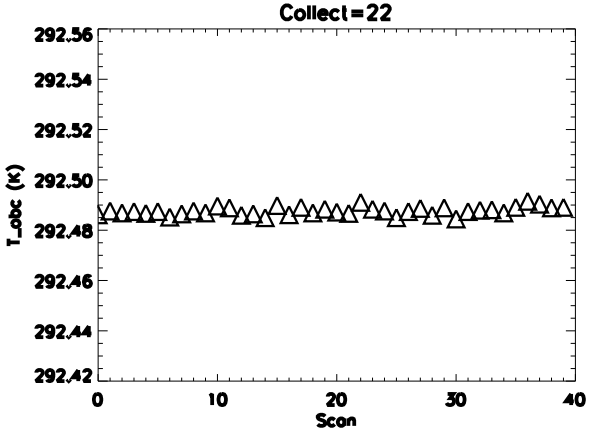

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
T_obc (K)
Scan

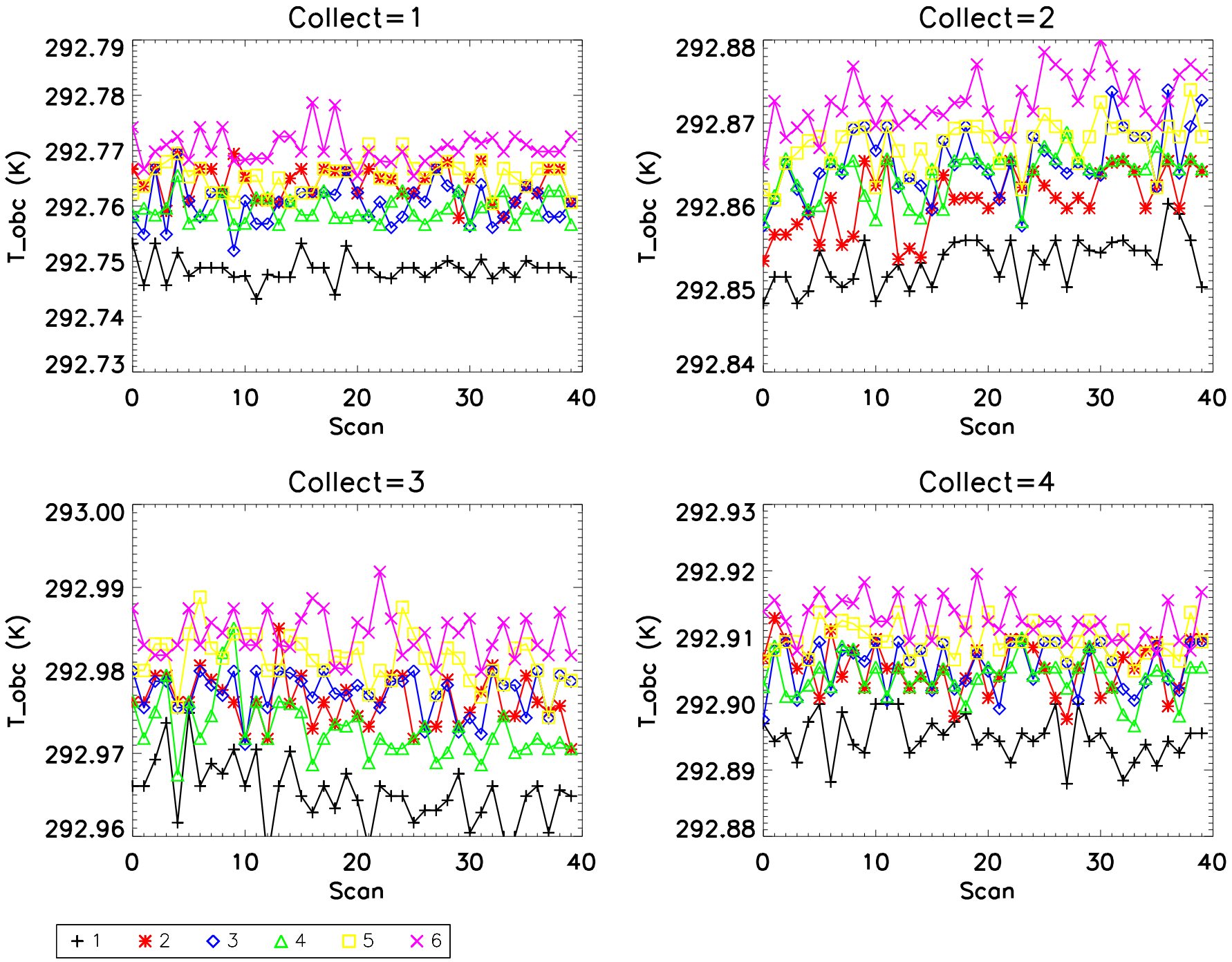
T_obc vs Scan

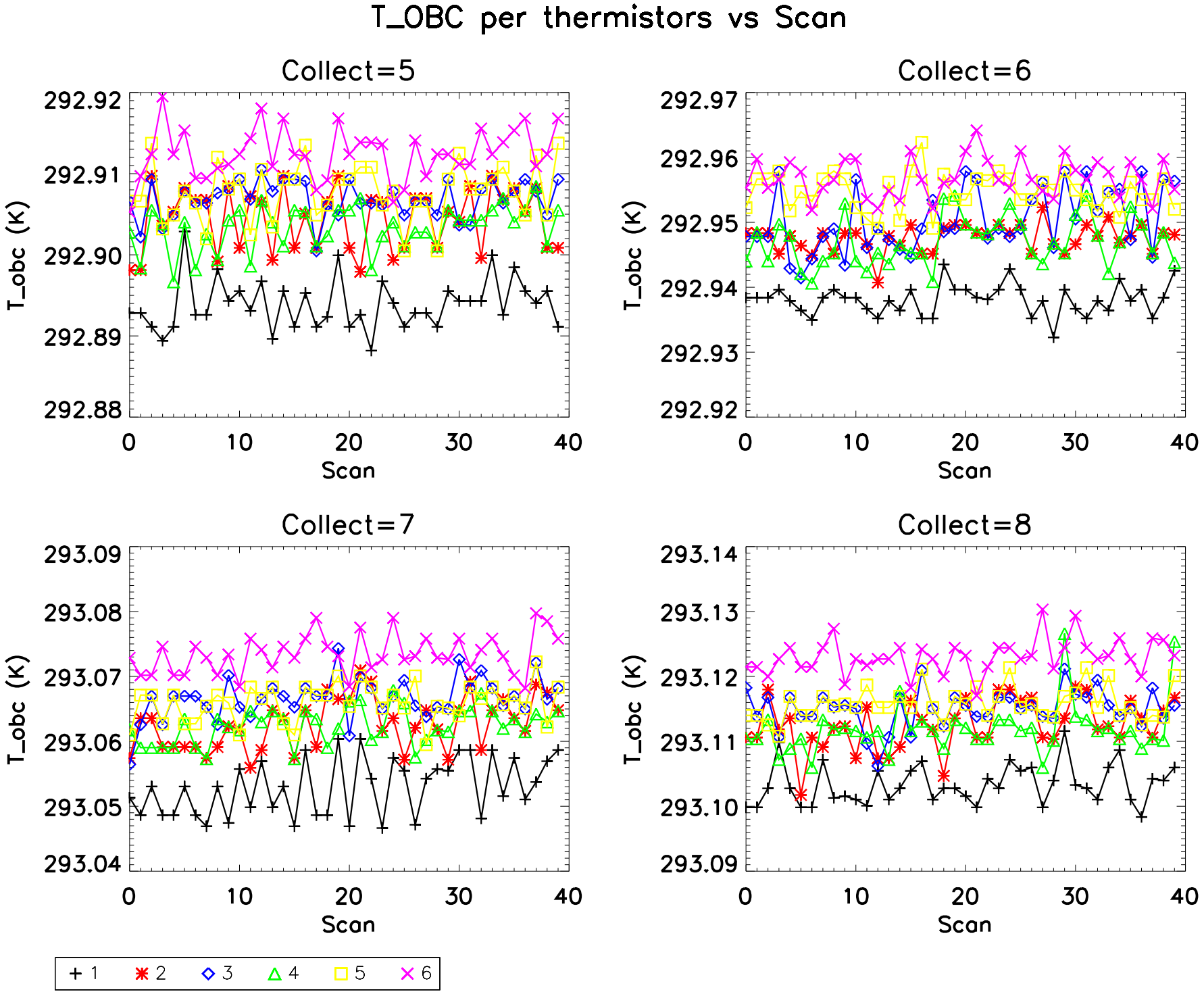

Collect=19
T_obc (K)
292.36
292.34
292.32
292.30
292.28
292.26
292.24
0
10
20
30
40
Scan

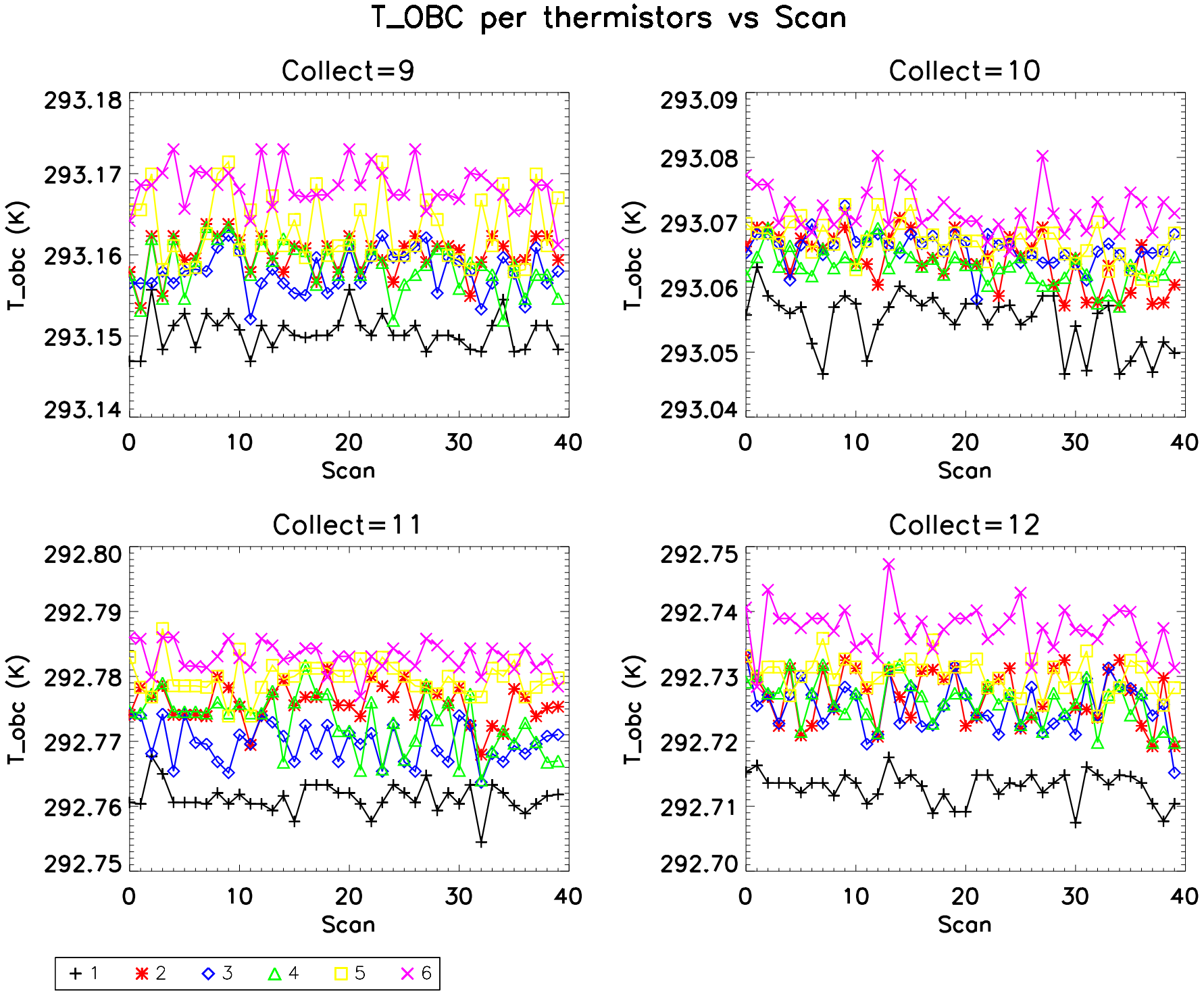

Collect=20
T_obc (K)
292.44
292.42
292.40
292.38
292.36
292.34
292.32
292.30
0
10
20
30
40
Scan

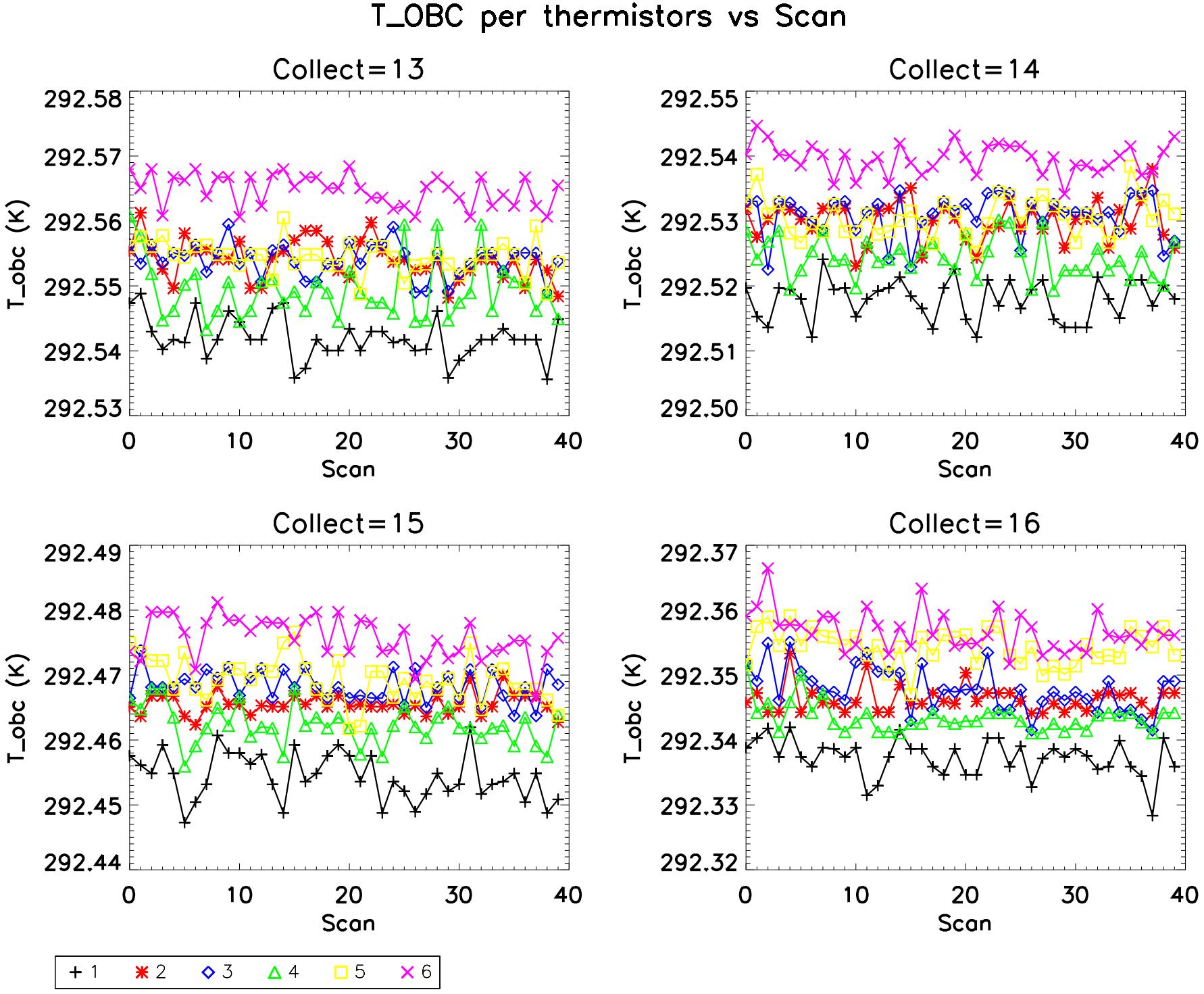

Collect=21
T_obc (K)
292.54
292.52
292.50
292.48
292.46
292.44
292.42
0
10
20
30
40
Scan

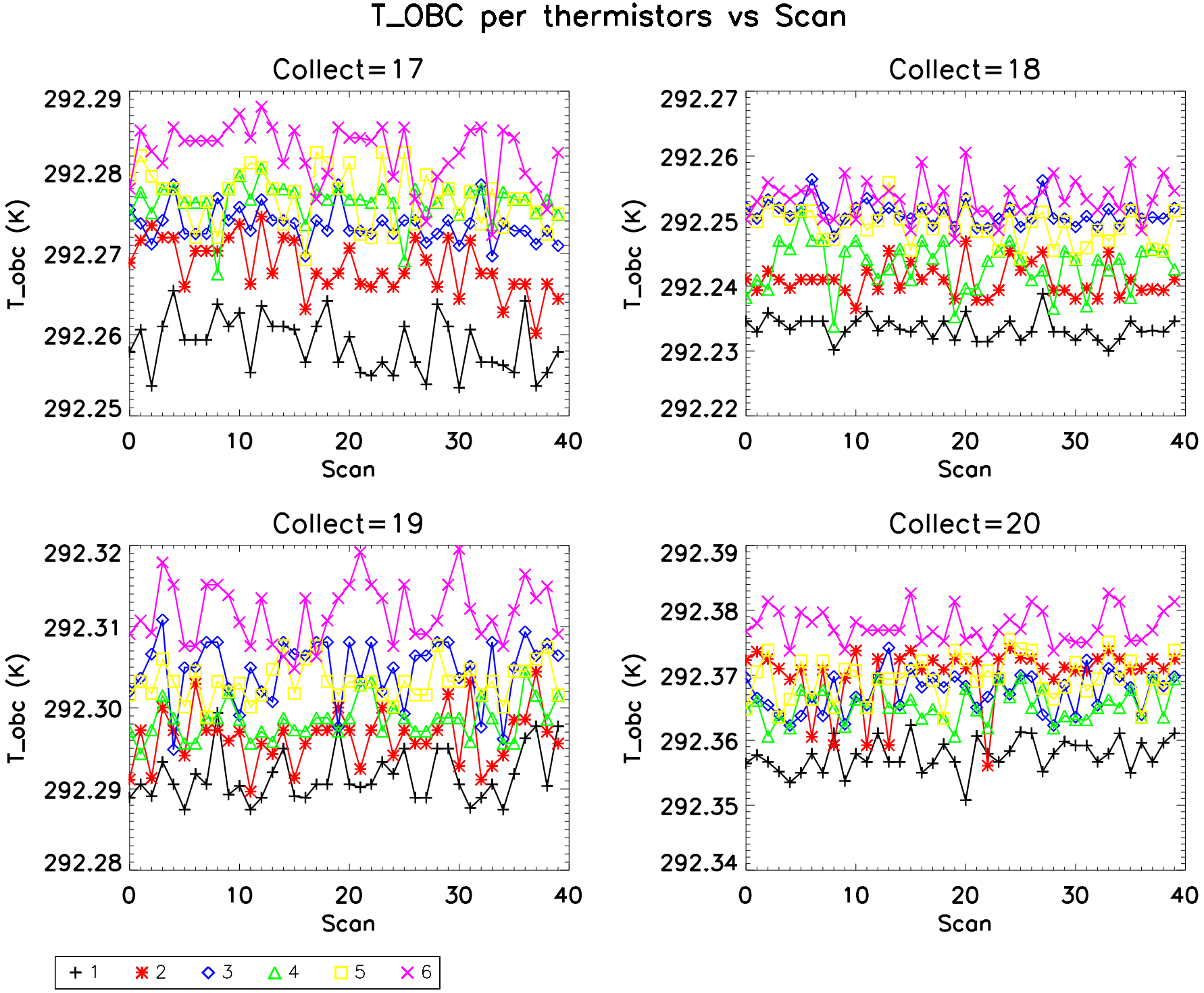

Collect=22
T_obc (K)
292.56
292.54
292.52
292.50
292.48
292.46
292.44
292.42
0
10
20
30
40
Scan


T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
292.79
292.78
292.77
292.76
292.75
292.74
292.73
292.88
292.87
292.86
292.85
292.84
293.00
292.99
292.98
292.97
292.96
292.93
292.92
292.91
292.90
292.89
292.88
0
10
20
30
40
1
2
3
4
5
6

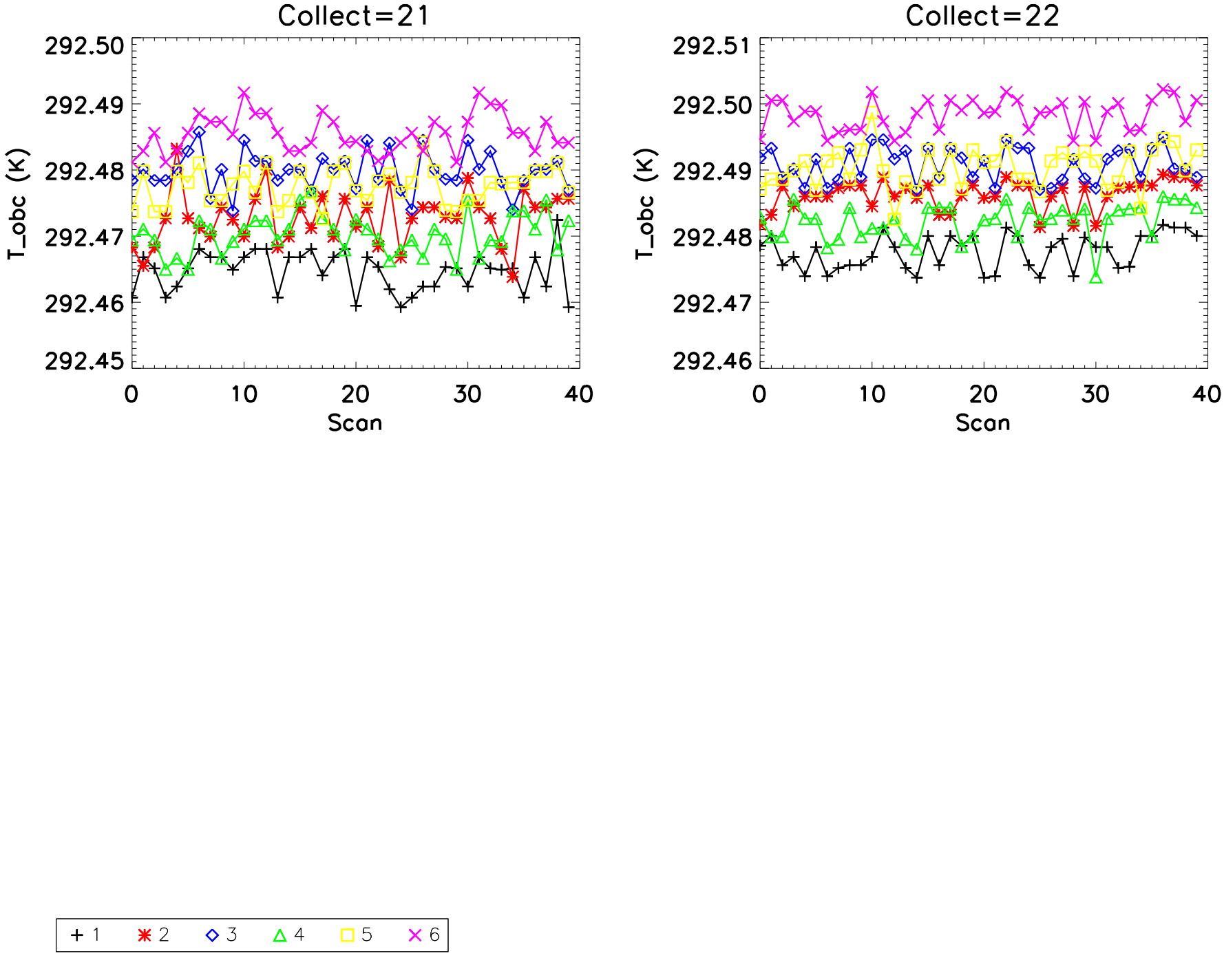

T_OBC per thermistors vs Scan
Collect=5
Collect=6
Collect=7
Collect=8
T_obc (K)
Scan
292.92
292.91
292.90
292.89
292.88
292.97
292.96
292.95
292.94
292.93
293.09
293.08
293.07
293.06
293.05
293.04
293.14
293.13
293.12
293.11
293.10
0
10
20
30
40
1
2
3
4
5
6

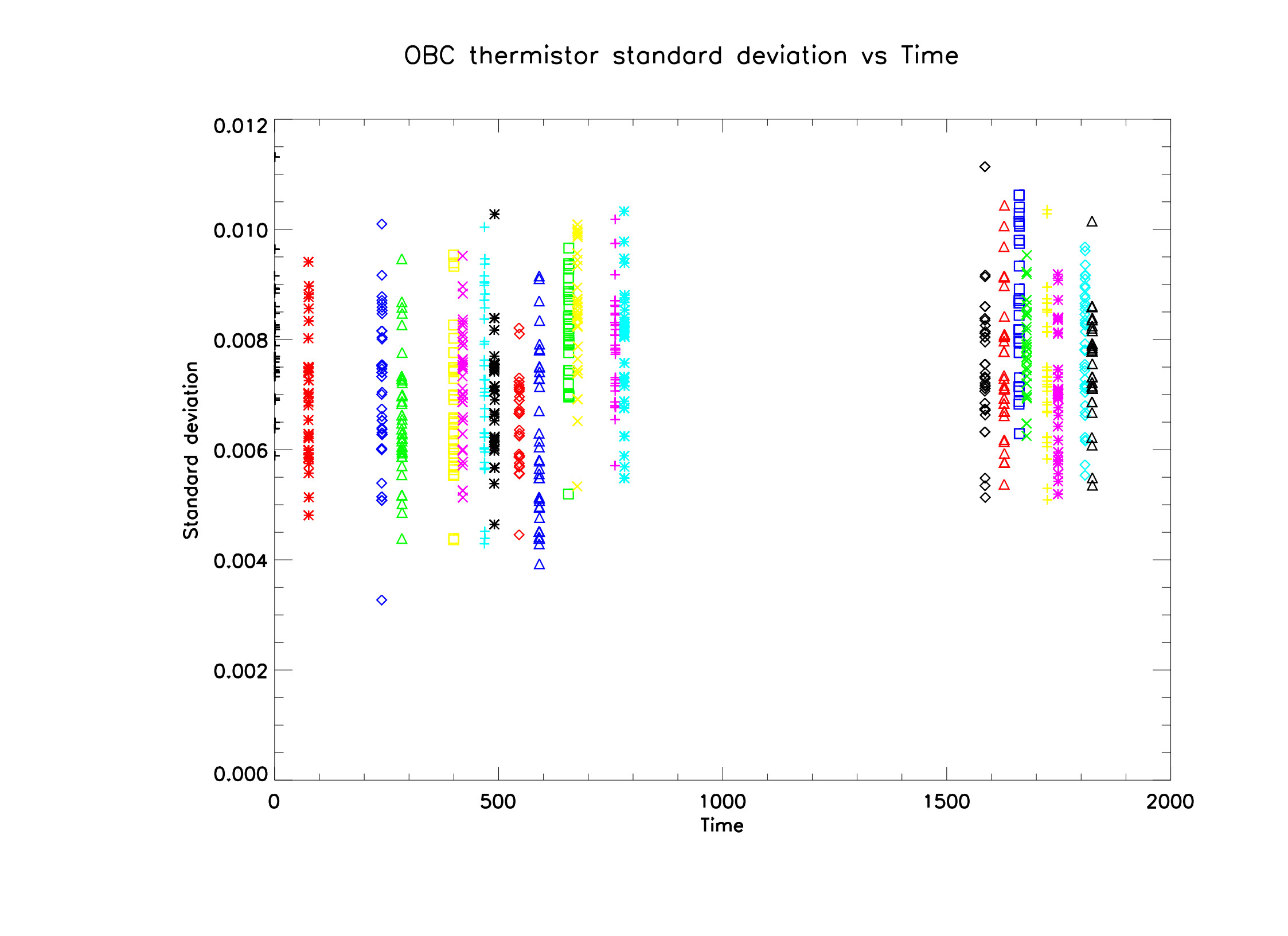

T_OBC per thermistors vs Scan
Collect=9
Collect=10
Collect=11
Collect=12
T_obc (K)
Scan
293.18
293.17
293.16
293.15
293.14
293.09
293.08
293.07
293.06
293.05
293.04
292.80
292.79
292.78
292.77
292.76
292.75
292.75
292.74
292.73
292.72
292.71
292.70
0
10
20
30
40
1
2
3
4
5
6

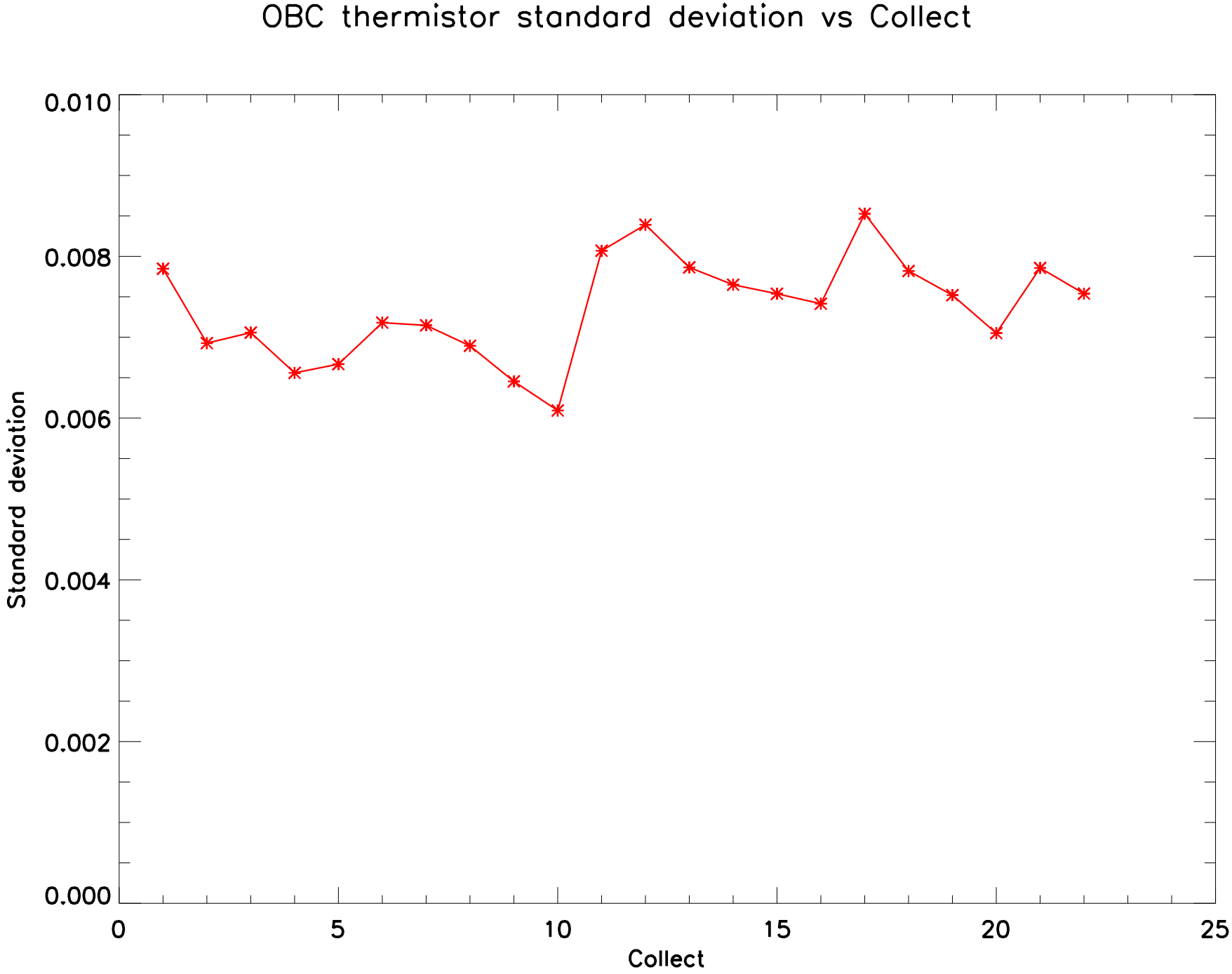

T_OBC per thermistors vs Scan
Collect=13
Collect=14
Collect=15
Collect=16
T_obc (K)
Scan
292.58
292.57
292.56
292.55
292.54
292.53
292.55
292.54
292.53
292.52
292.51
292.50
292.49
292.48
292.47
292.46
292.45
292.44
292.37
292.36
292.35
292.34
292.33
292.32
0
10
20
30
40
1
2
3
4
5
6

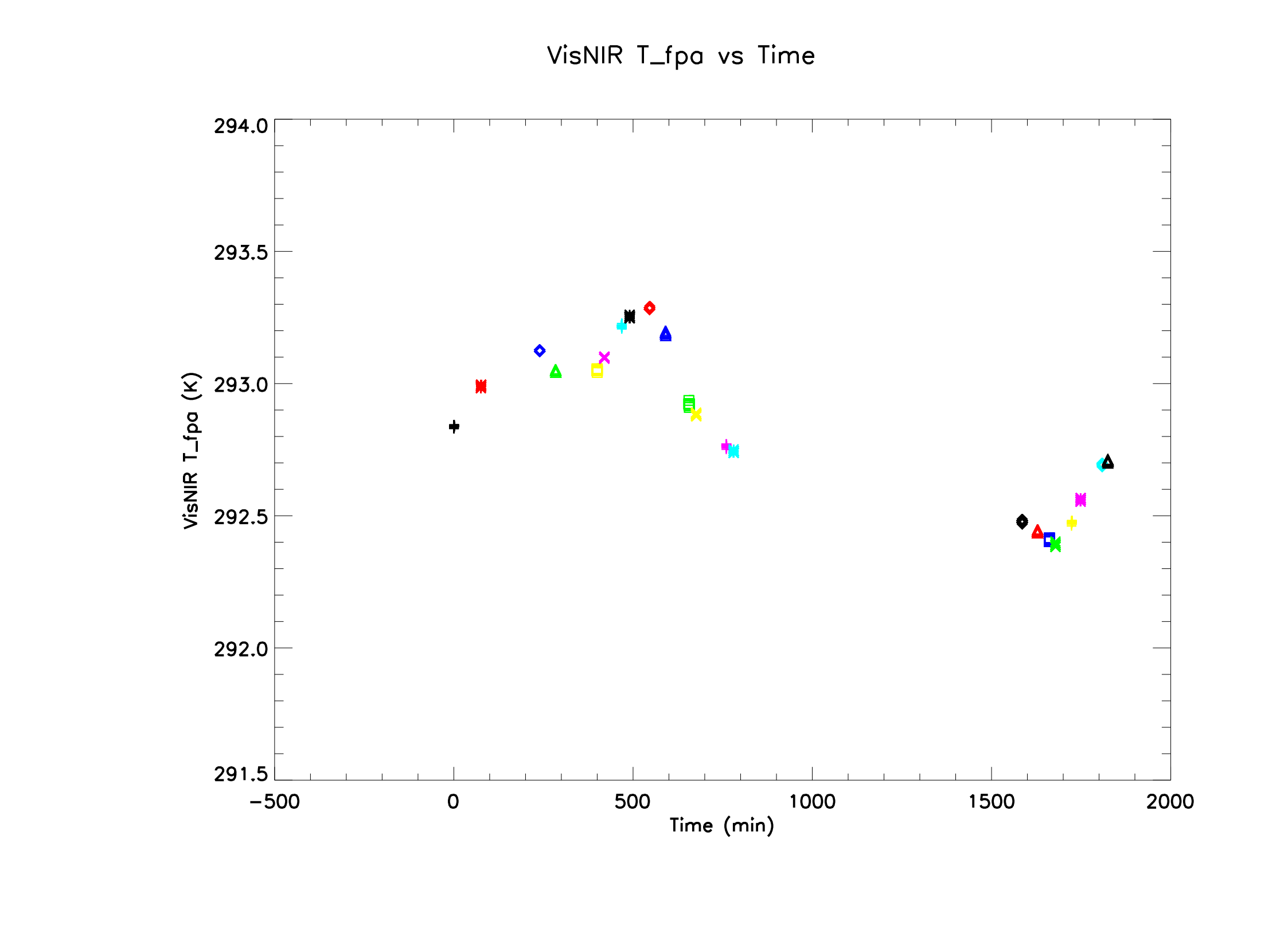

T_OBC per thermistors vs Scan
Collect=17
Collect=18
Collect=19
Collect=20
T_obc (K)
Scan
292.29
292.28
292.27
292.26
292.25
292.27
292.26
292.25
292.24
292.23
292.22
292.32
292.31
292.30
292.29
292.28
292.39
292.38
292.37
292.36
292.35
292.34
0
10
20
30
40
1
2
3
4
5
6

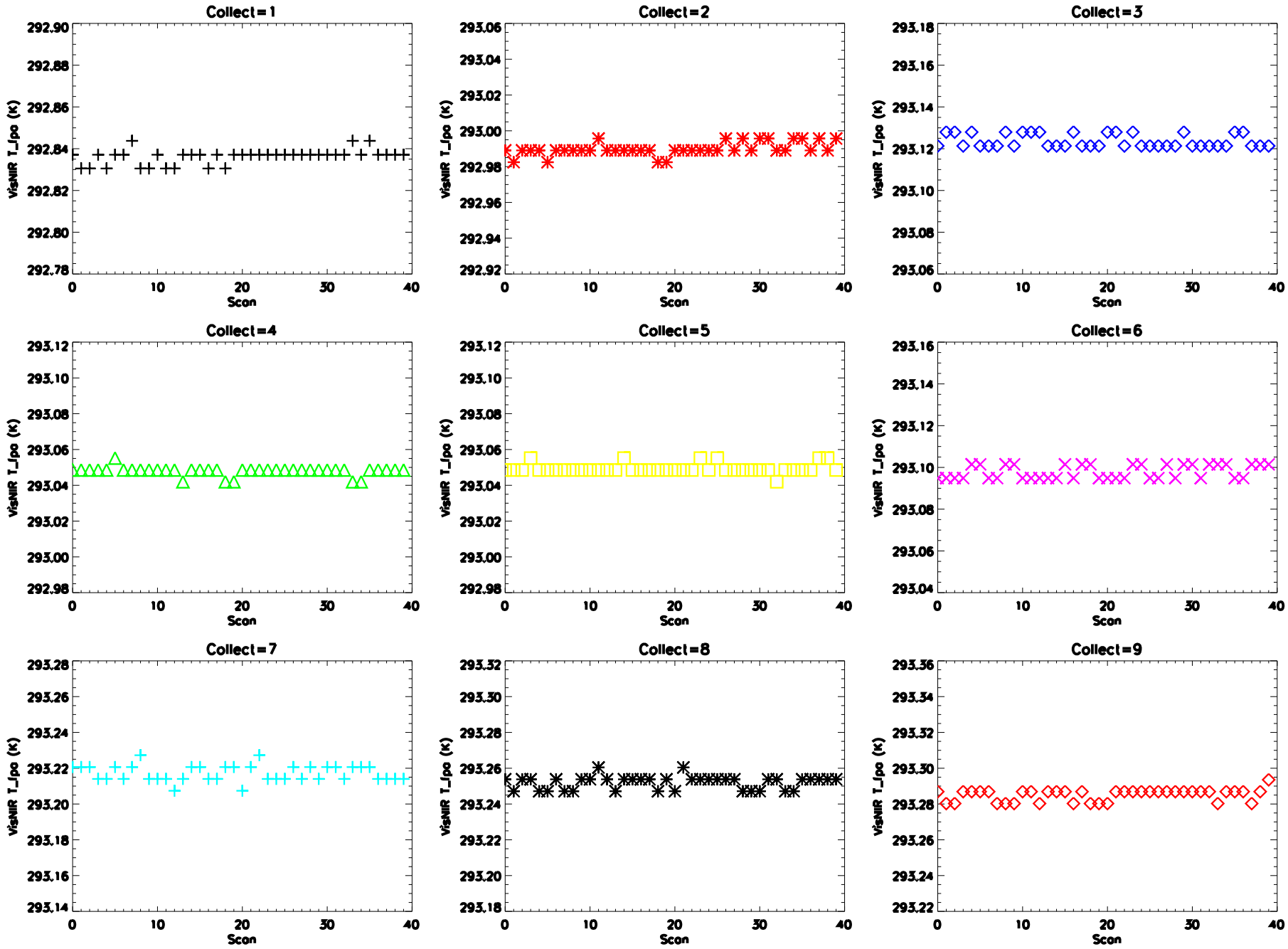
T_OBC per thermistors vs Scan

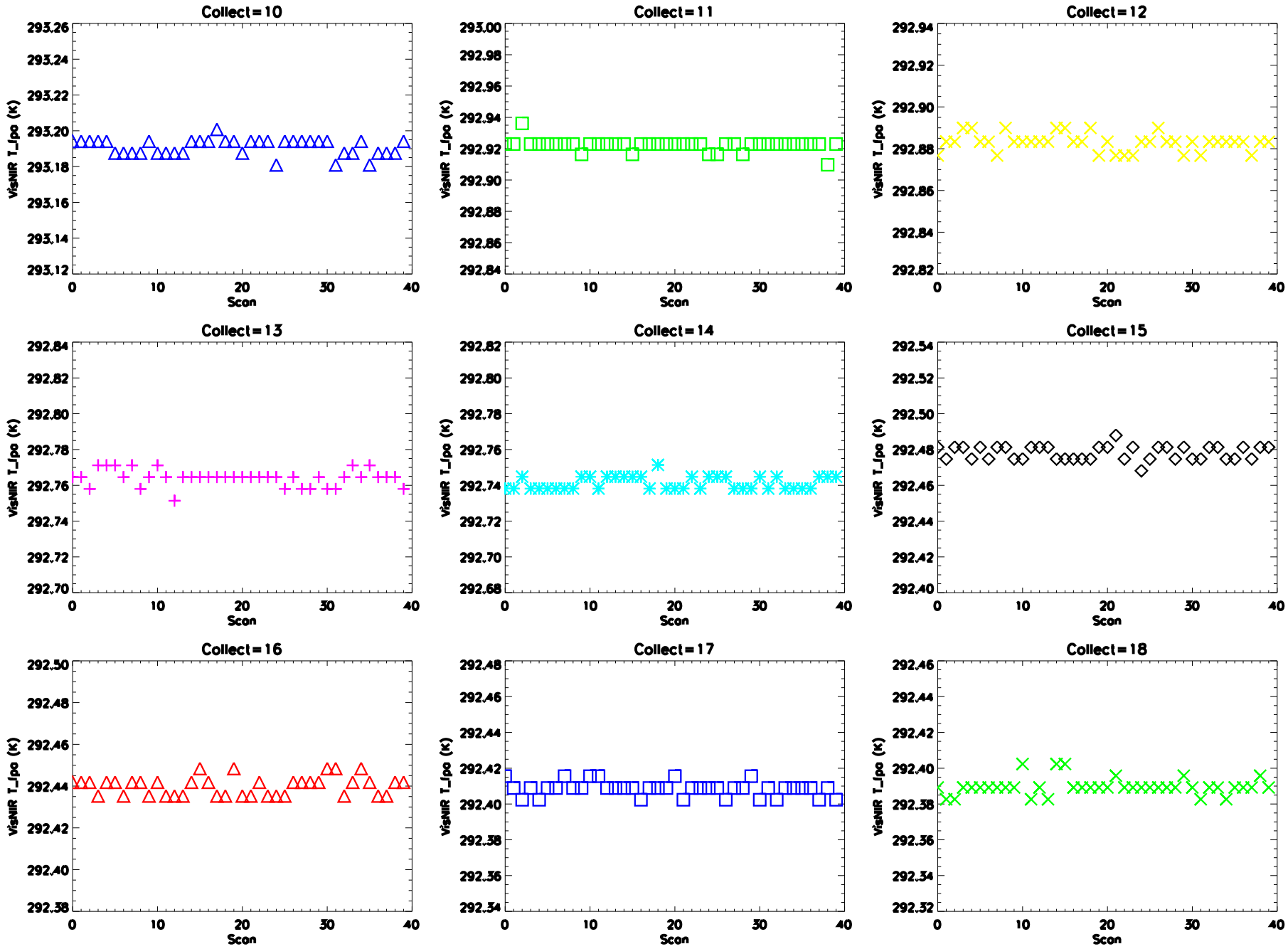



OBC thermistor standard deviation vs Time
Standard deviation
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0
500
1000
1500
2000
Time

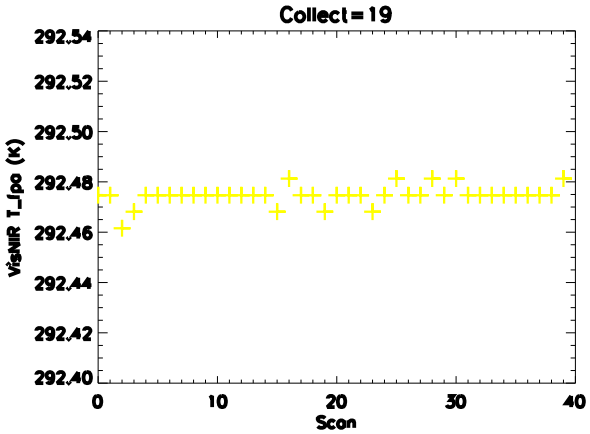

OBC thermistor standard deviation vs Collect
Standard deviation
0.010
0.008
0.006
0.004
0.002
0.000
0
5
10
15
20
25
Collect

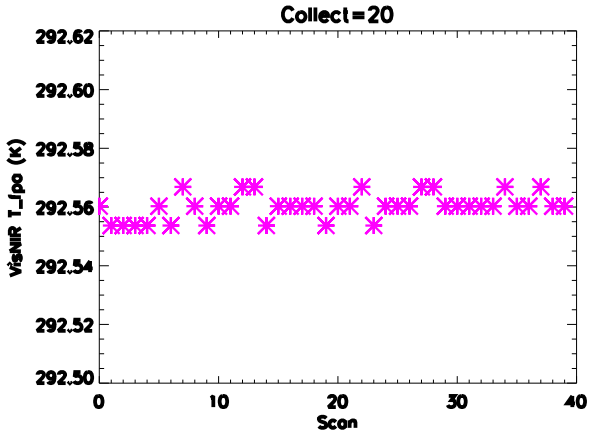

VisNIR T_fpa vs Time
294.0
293.5
293.0
292.5
292.0
291.5
VisNIR T_fpa (K)
−500
0
500
1000
1500
2000
Time (min)

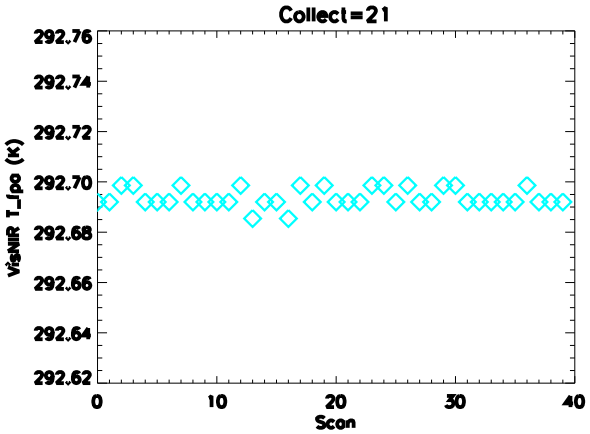

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_lpo (K)
Scan

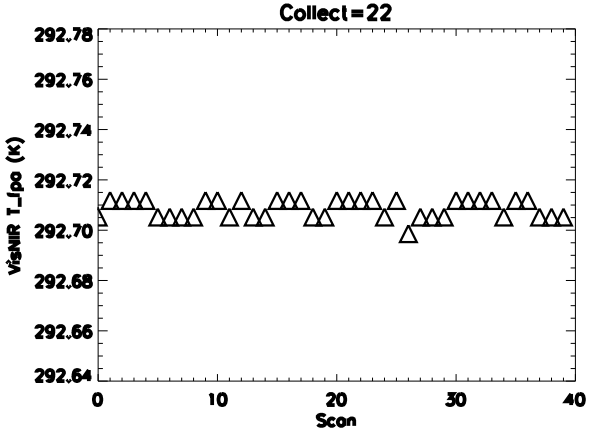

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
VisNIR T_lpo (K)
Scan

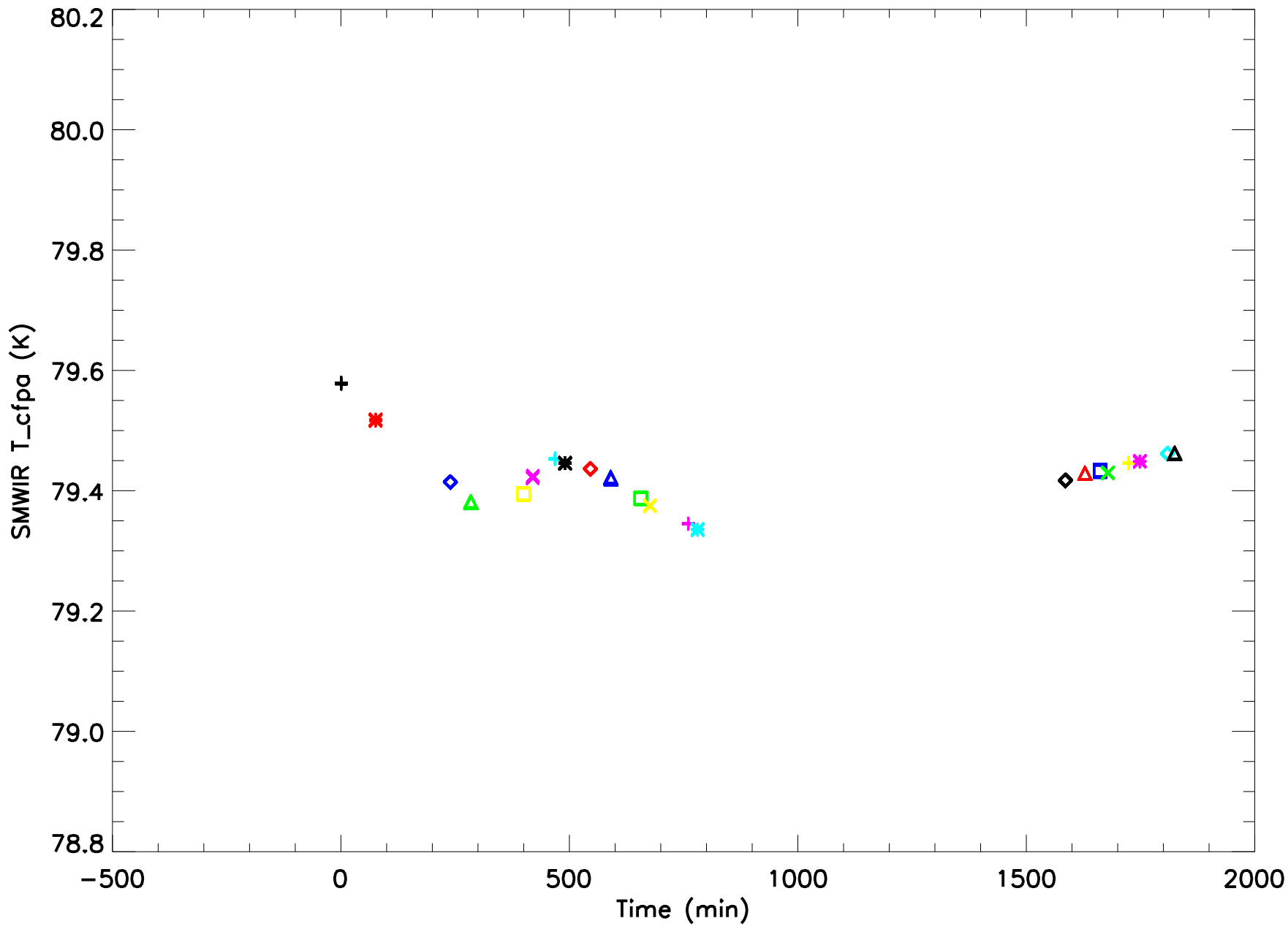
VisNIR T_fpa vs Scan

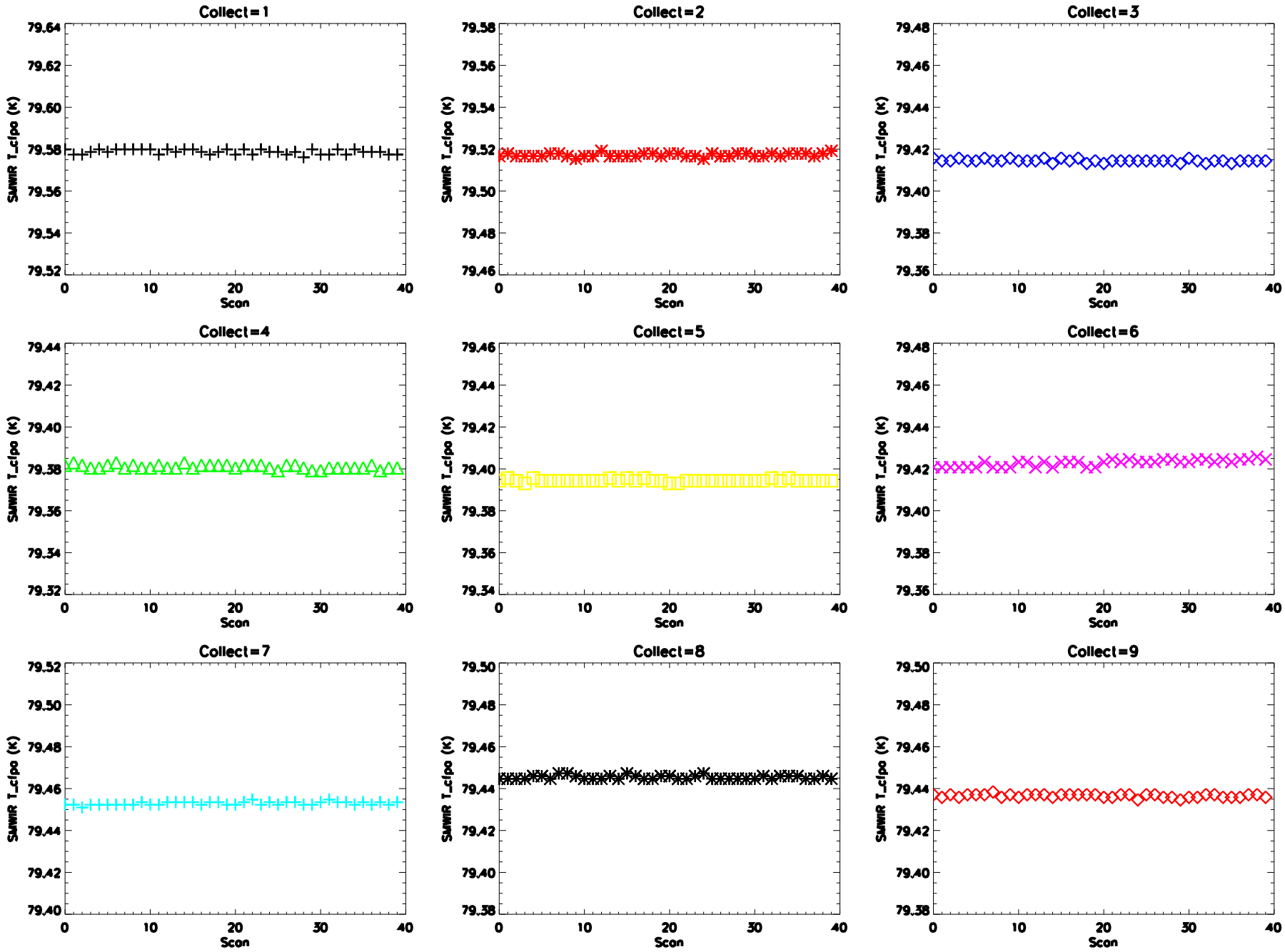


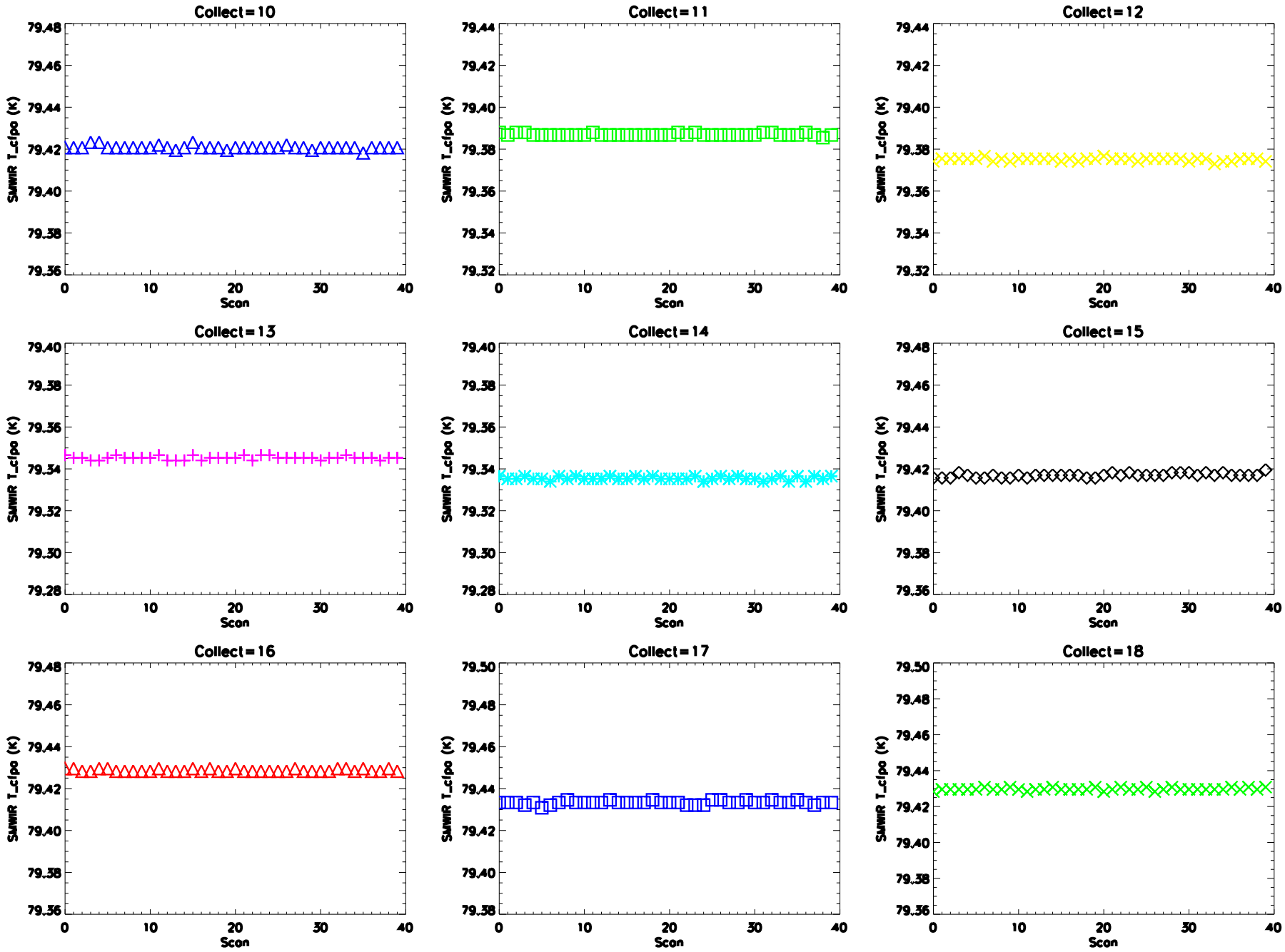




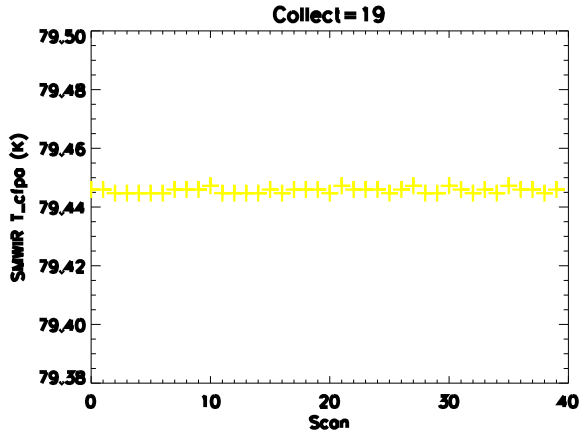


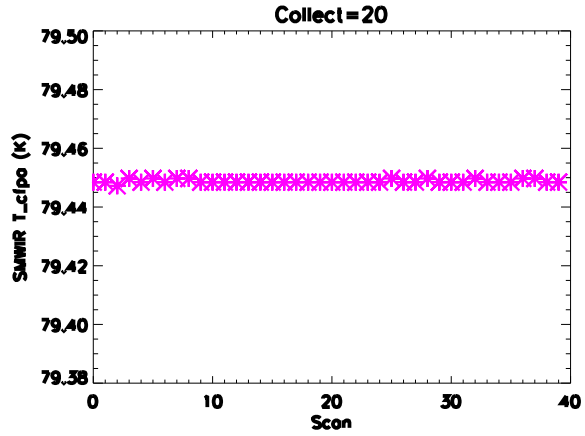

SMWIR T_cfpa vs Time
80.2
80.0
79.8
79.6
79.4
79.2
79.0
78.8
SMWIR T_cfpa (K)
−500
0
500
1000
1500
2000
Time (min)

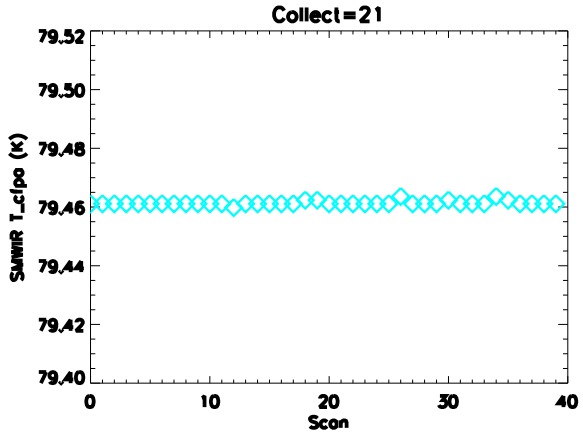

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SMWIR T_clpa (K)
Scan

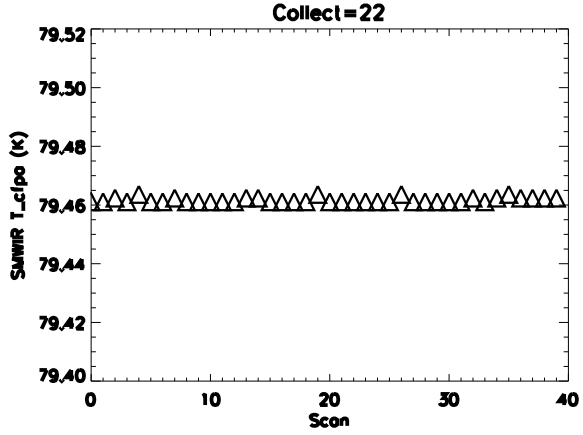

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
SMWIR T_cfpa (K)
Scan

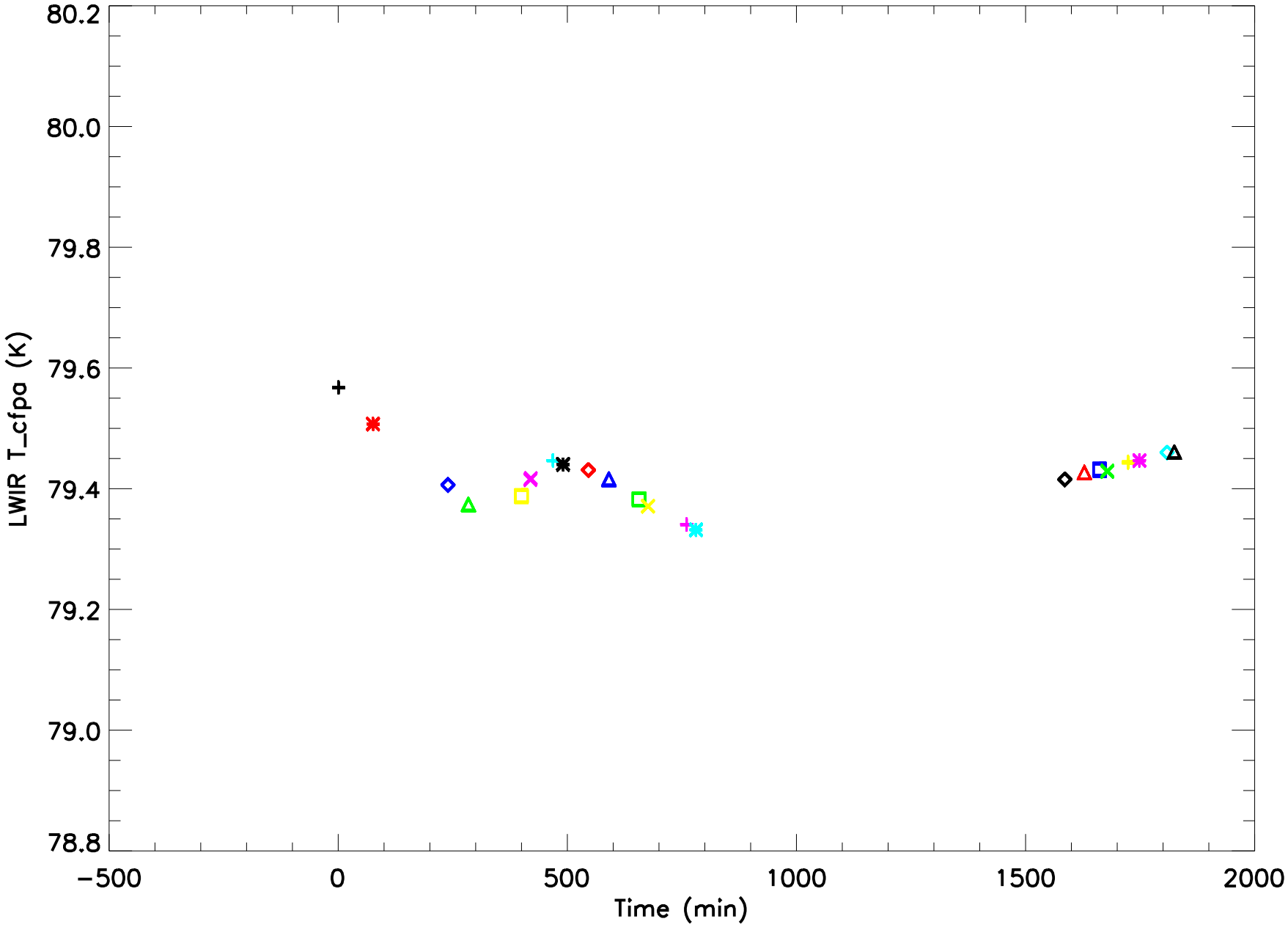
SMWIR T_cfpa vs Scan

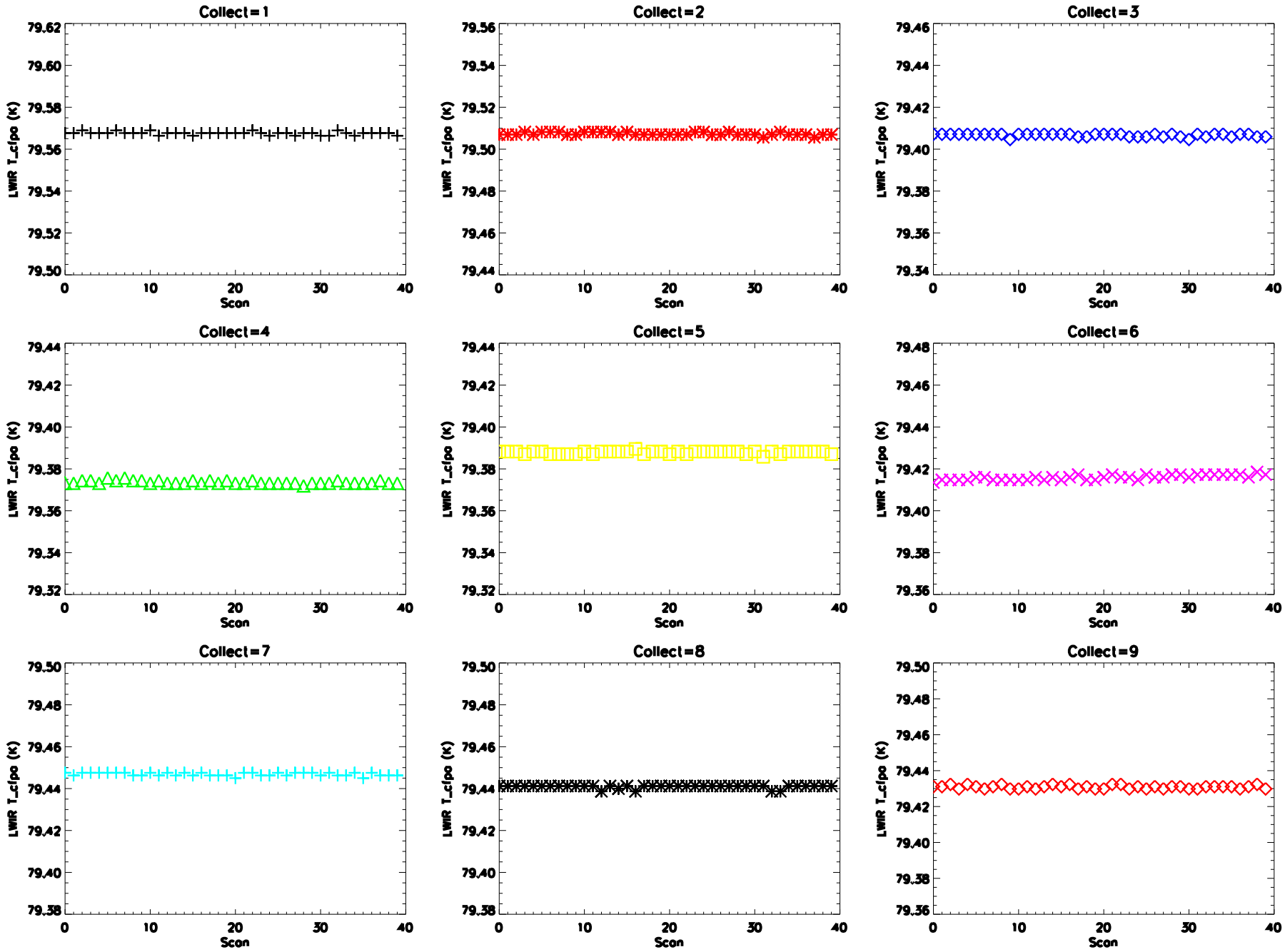


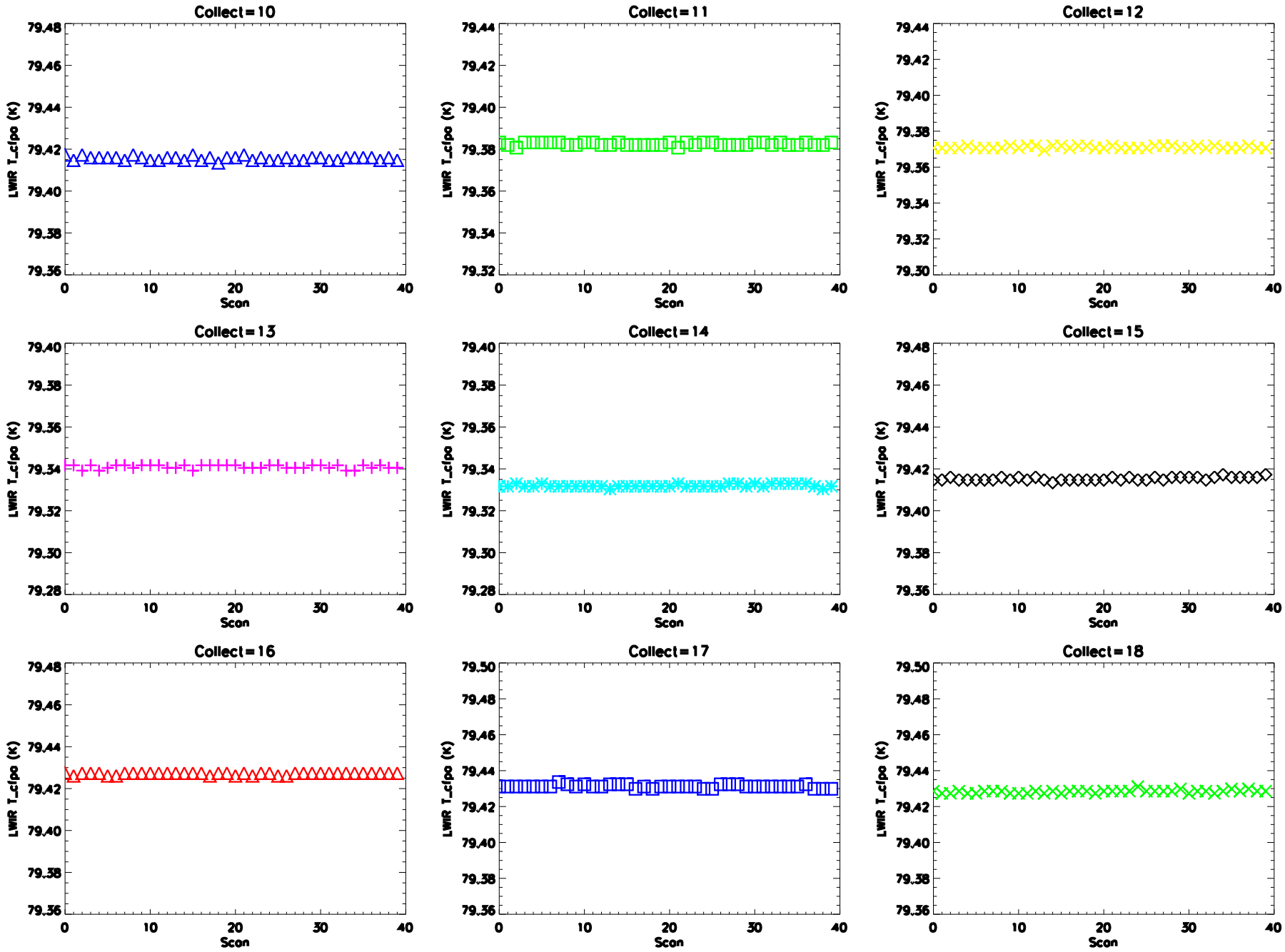




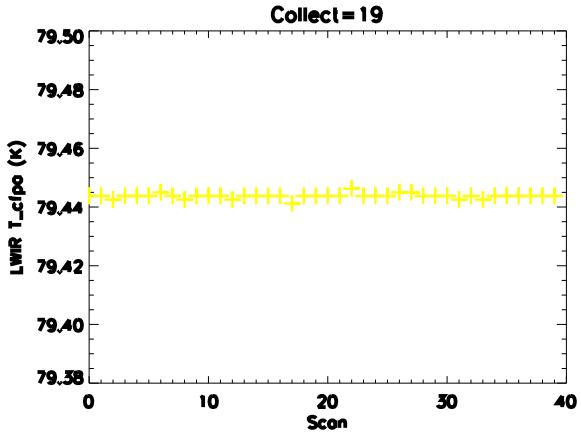


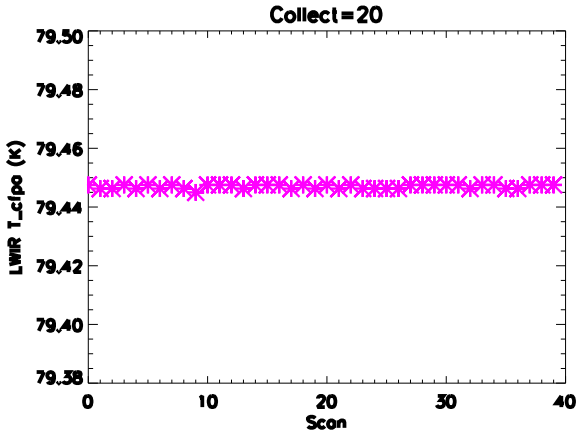

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
80.2
80.0
79.8
79.6
79.4
79.2
79.0
78.8
−500
0
500
1000
1500
2000
Time (min)

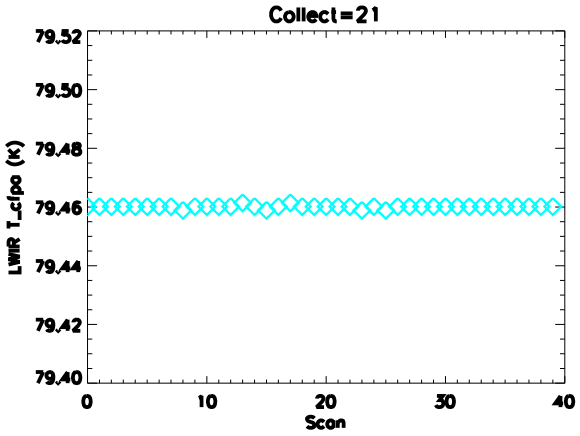

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_cfpa (K)
Scan

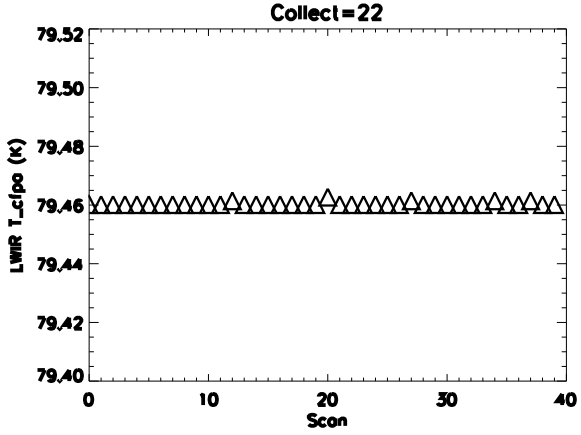

Collect = 10
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
Collect = 11
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan
Collect = 12
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
79.30
0
10
20
30
40
Scan
Collect = 13
LWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan
Collect = 14
LWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan
Collect = 15
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
Collect = 16
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
Collect = 17
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
Collect = 18
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

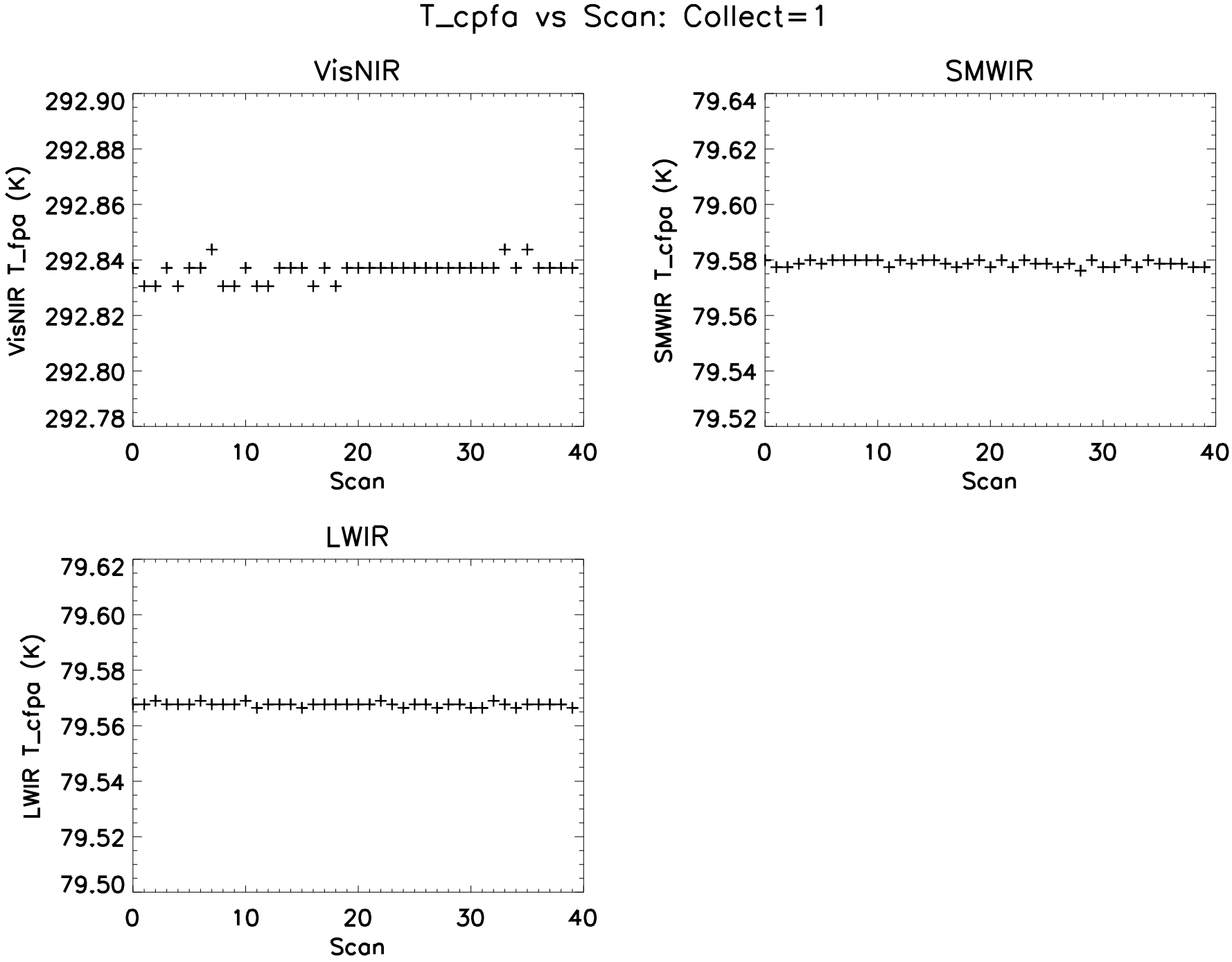
LWIR T_cfpa vs Scan

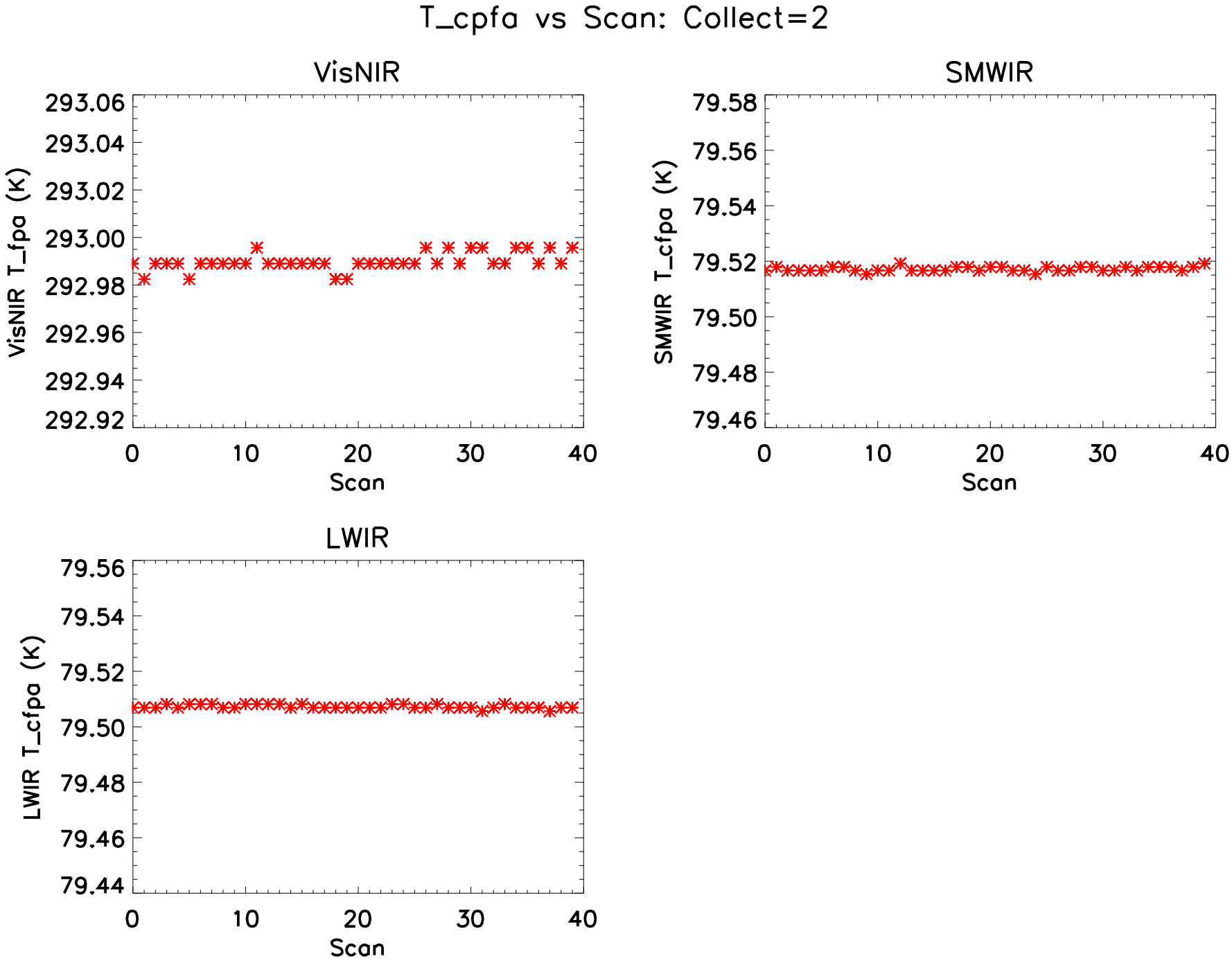


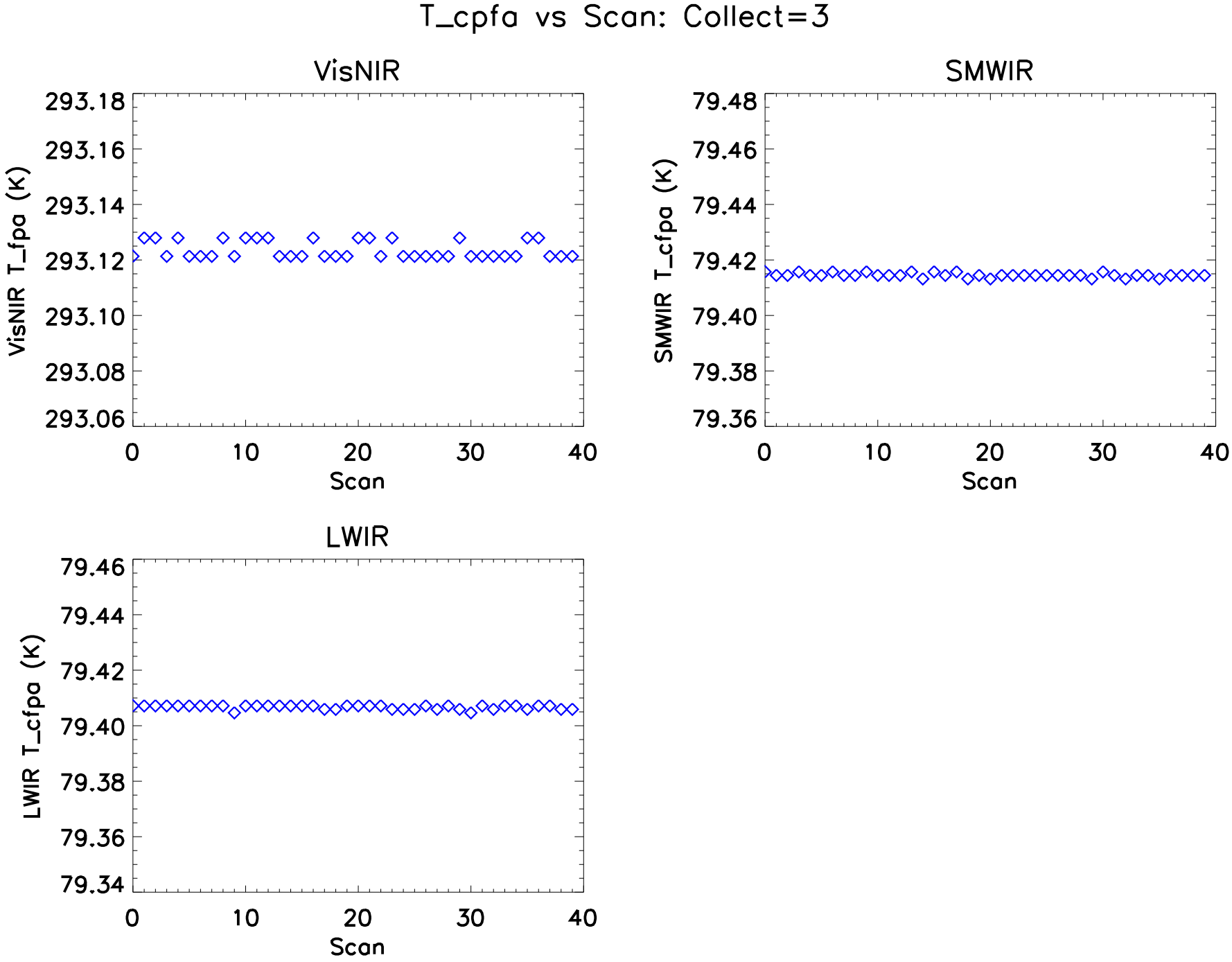


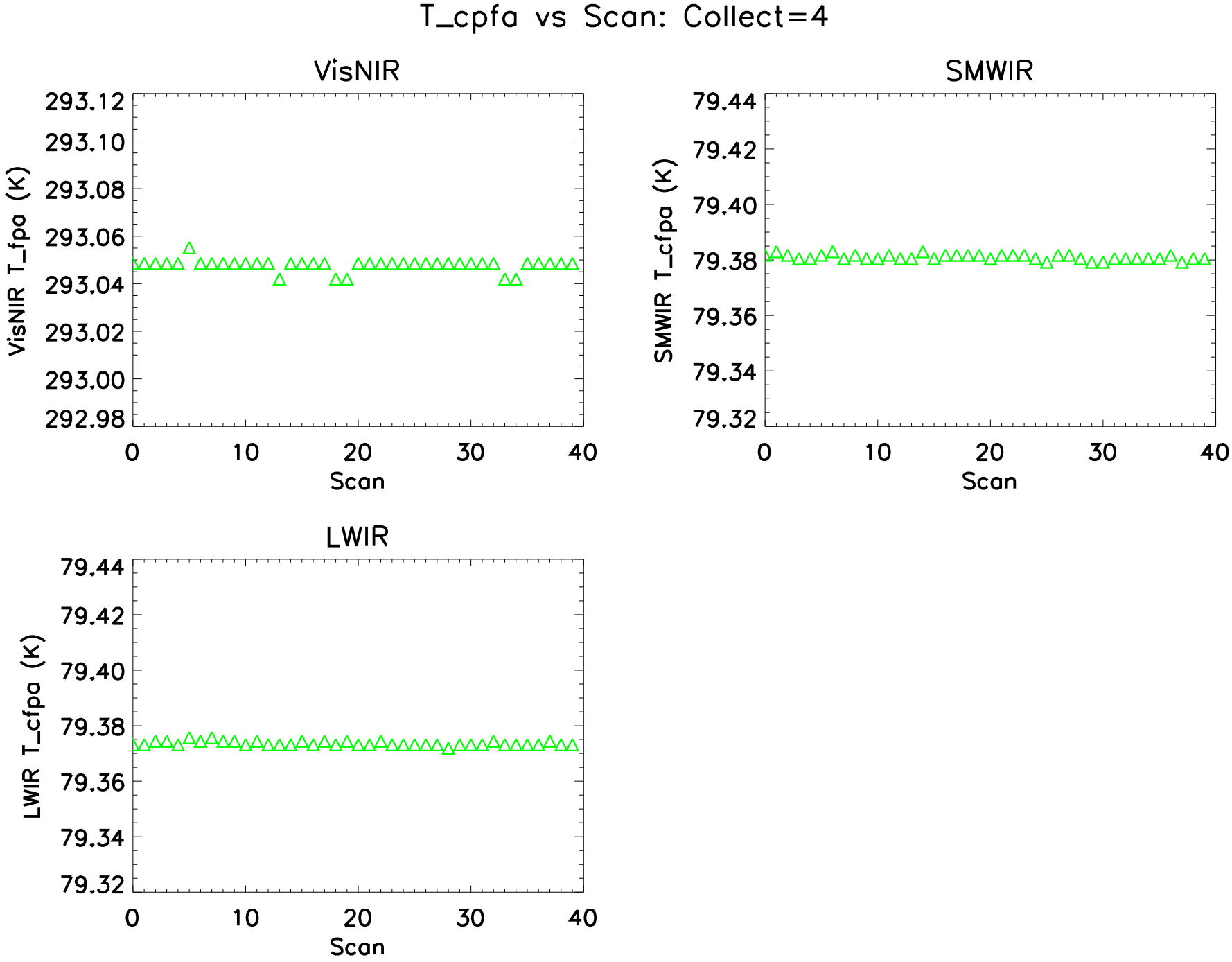


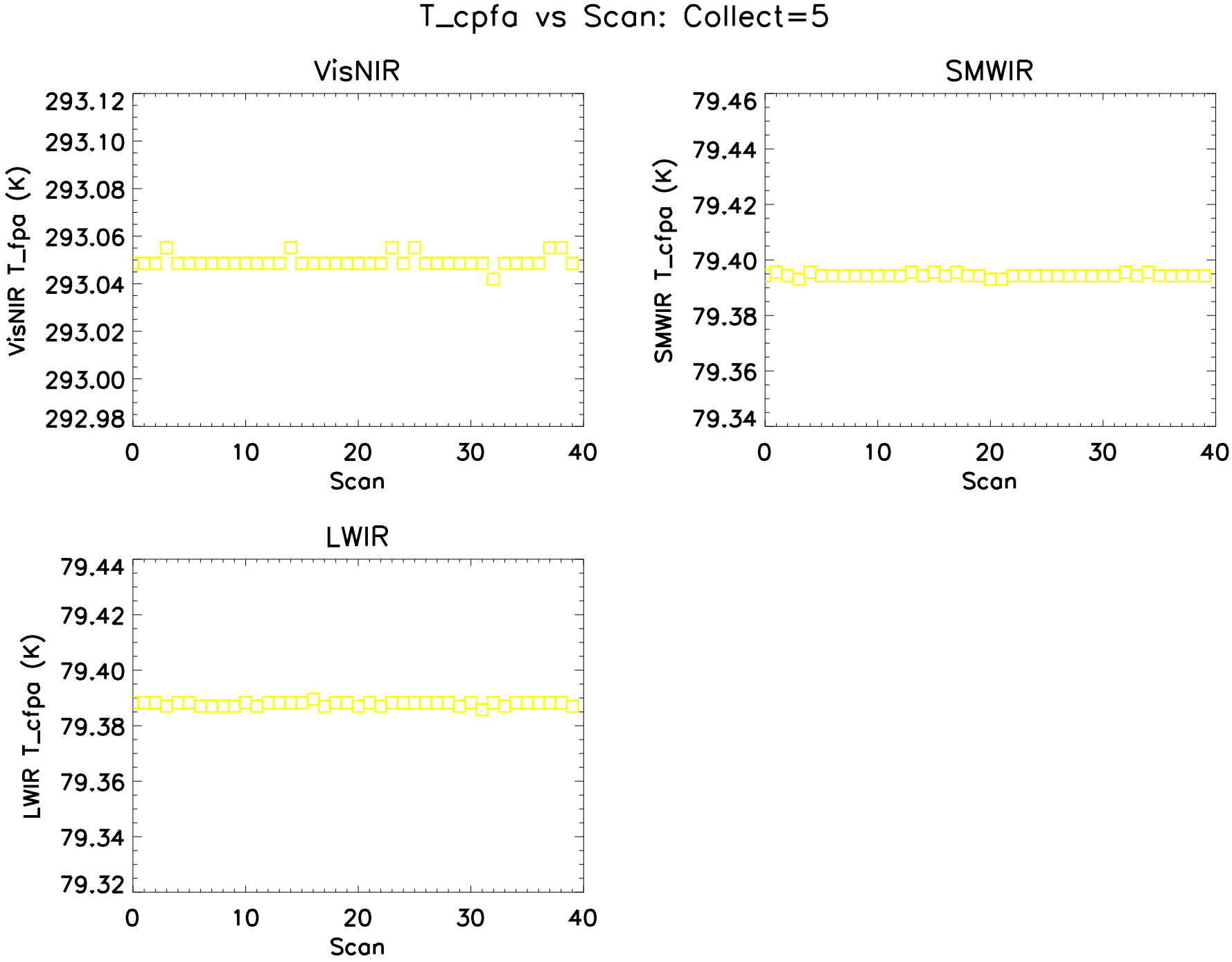


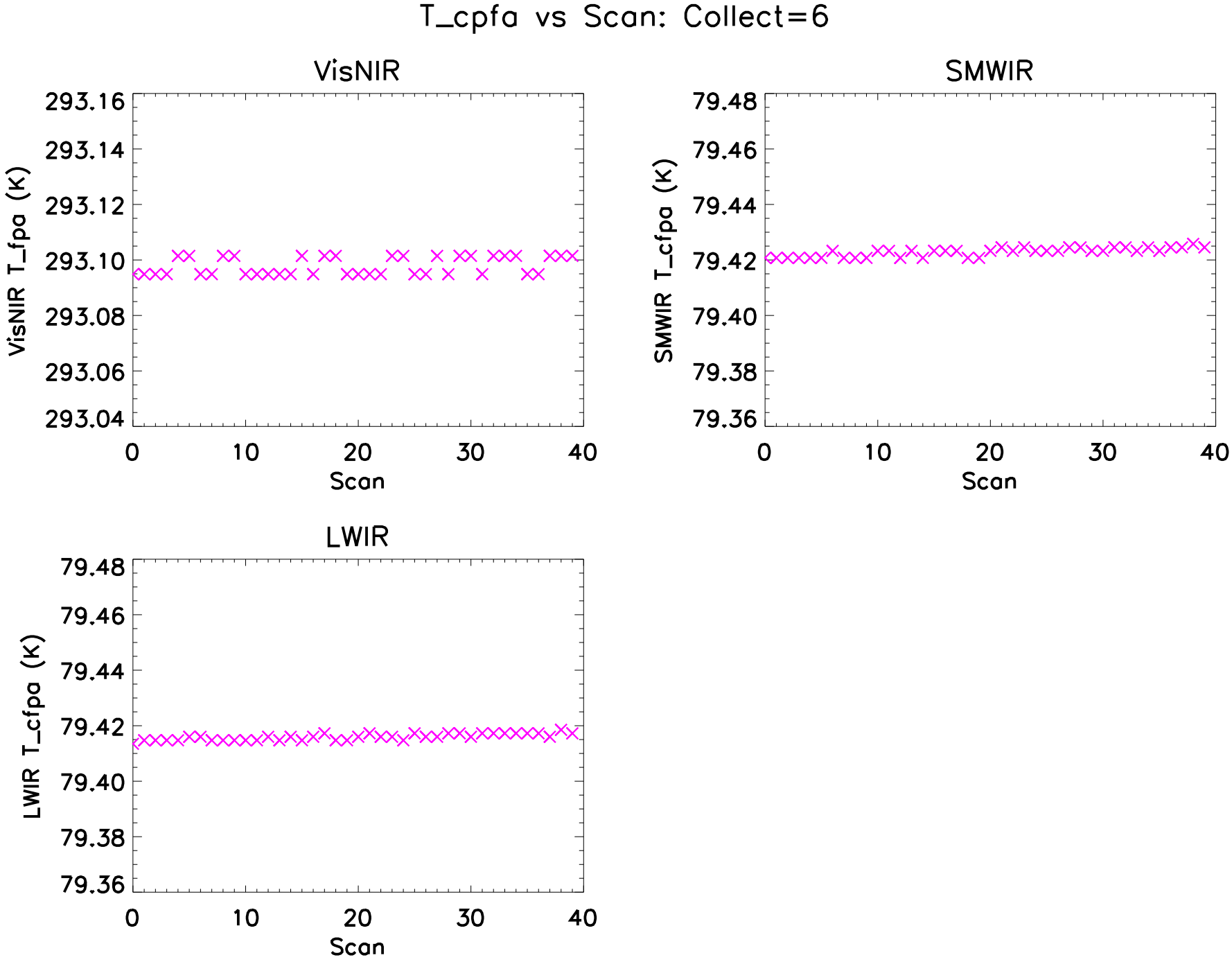

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
292.90
292.88
292.86
292.84
292.82
292.80
292.78
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.64
79.62
79.60
79.58
79.56
79.54
79.52
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.62
79.60
79.58
79.56
79.54
79.52
79.50
0
10
20
30
40
Scan

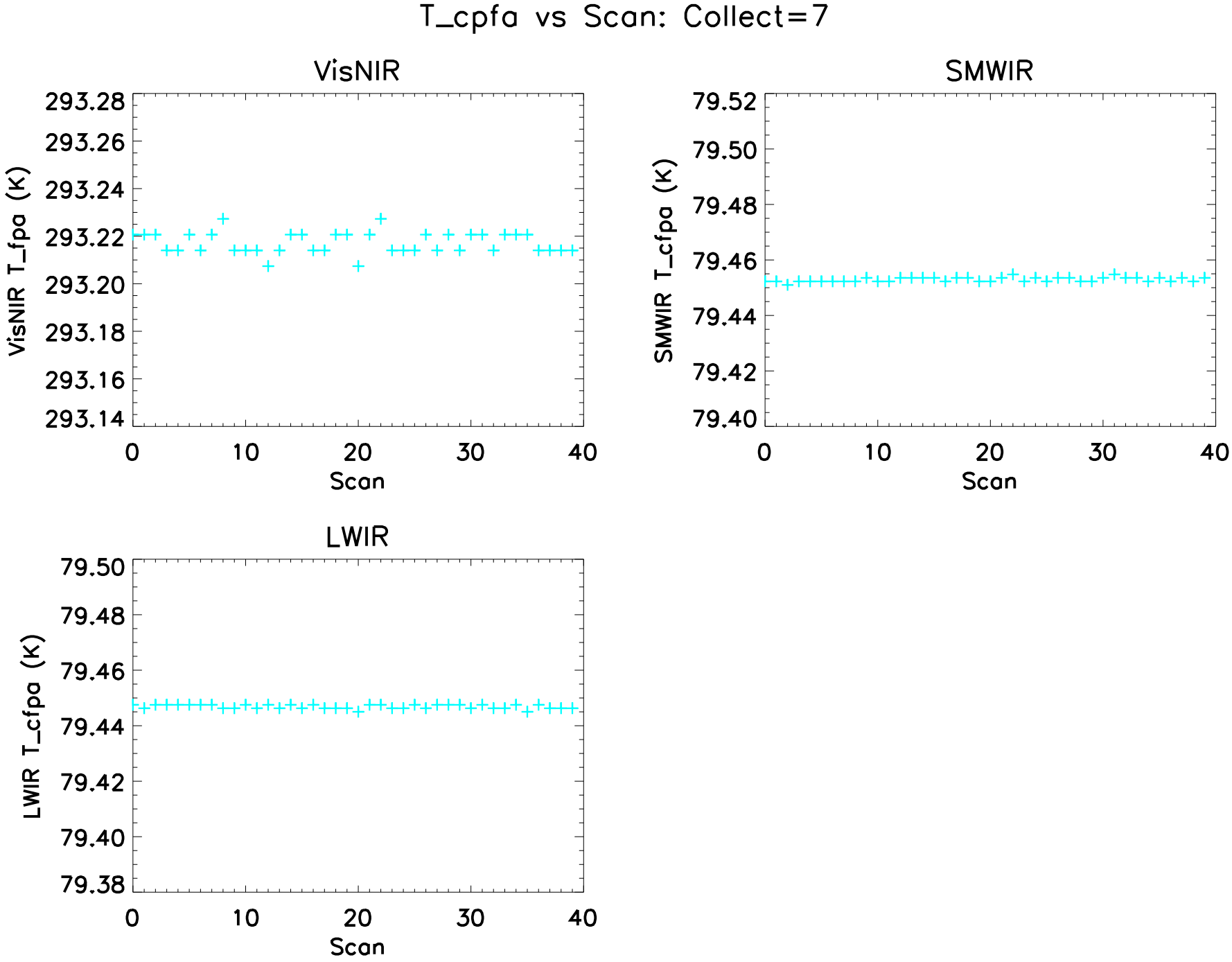

T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
293.06
293.04
293.02
293.00
292.98
292.96
292.94
292.92
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.58
79.56
79.54
79.52
79.50
79.48
79.46
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.56
79.54
79.52
79.50
79.48
79.46
79.44
0
10
20
30
40
Scan

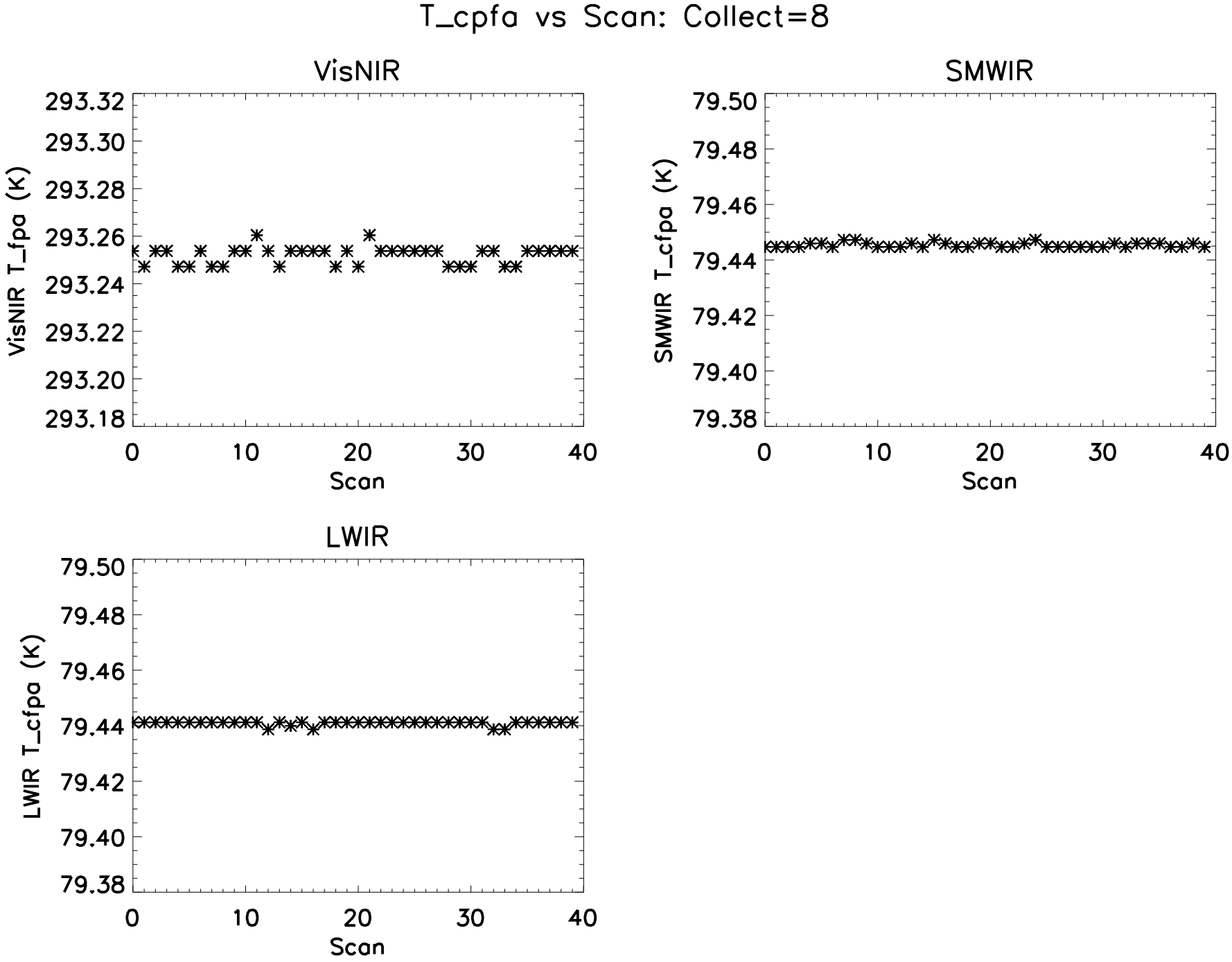

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
293.18
293.16
293.14
293.12
293.10
293.08
293.06
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.46
79.44
79.42
79.40
79.38
79.36
79.34
0
10
20
30
40
Scan

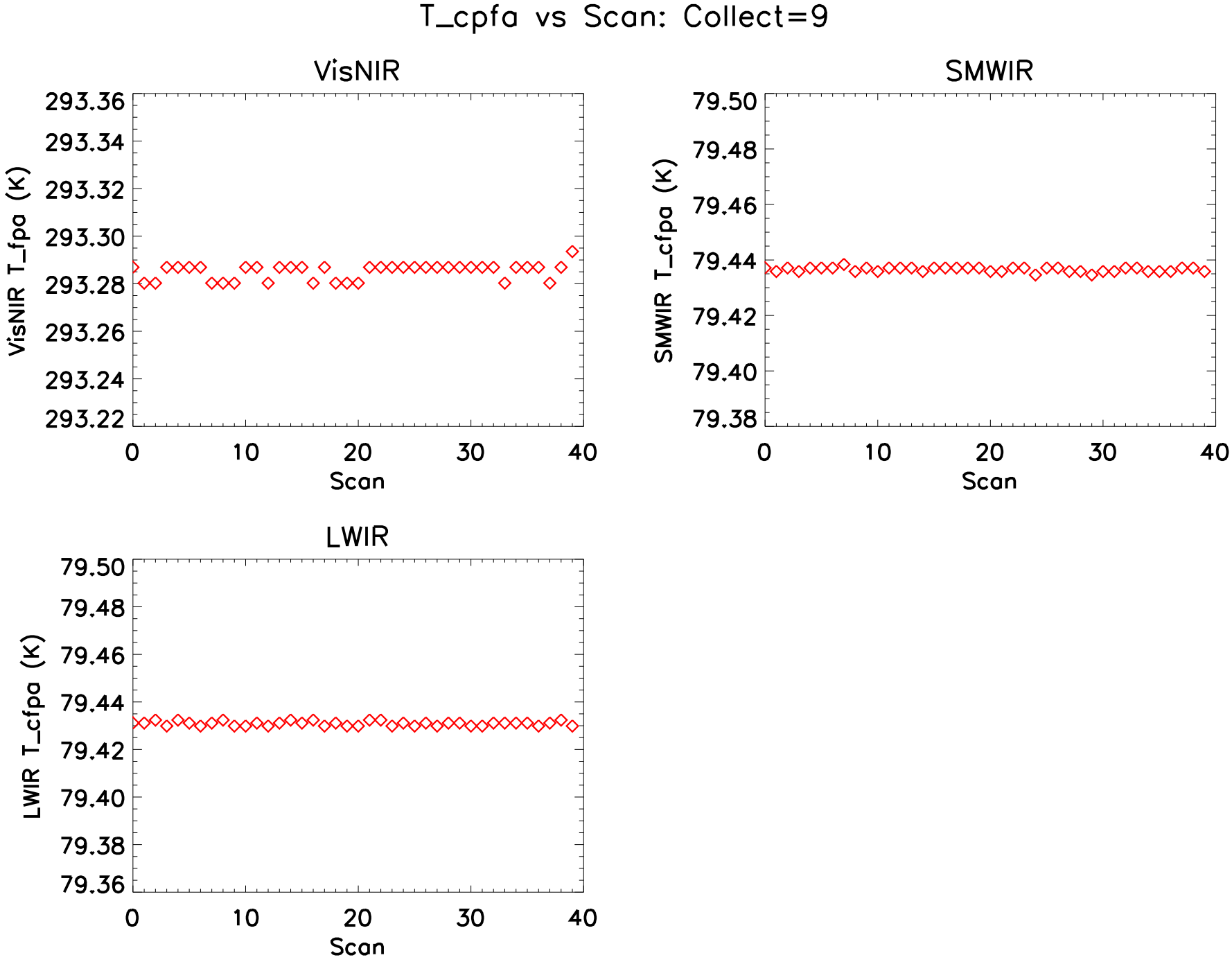

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
293.12
293.10
293.08
293.06
293.04
293.02
293.00
292.98
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan

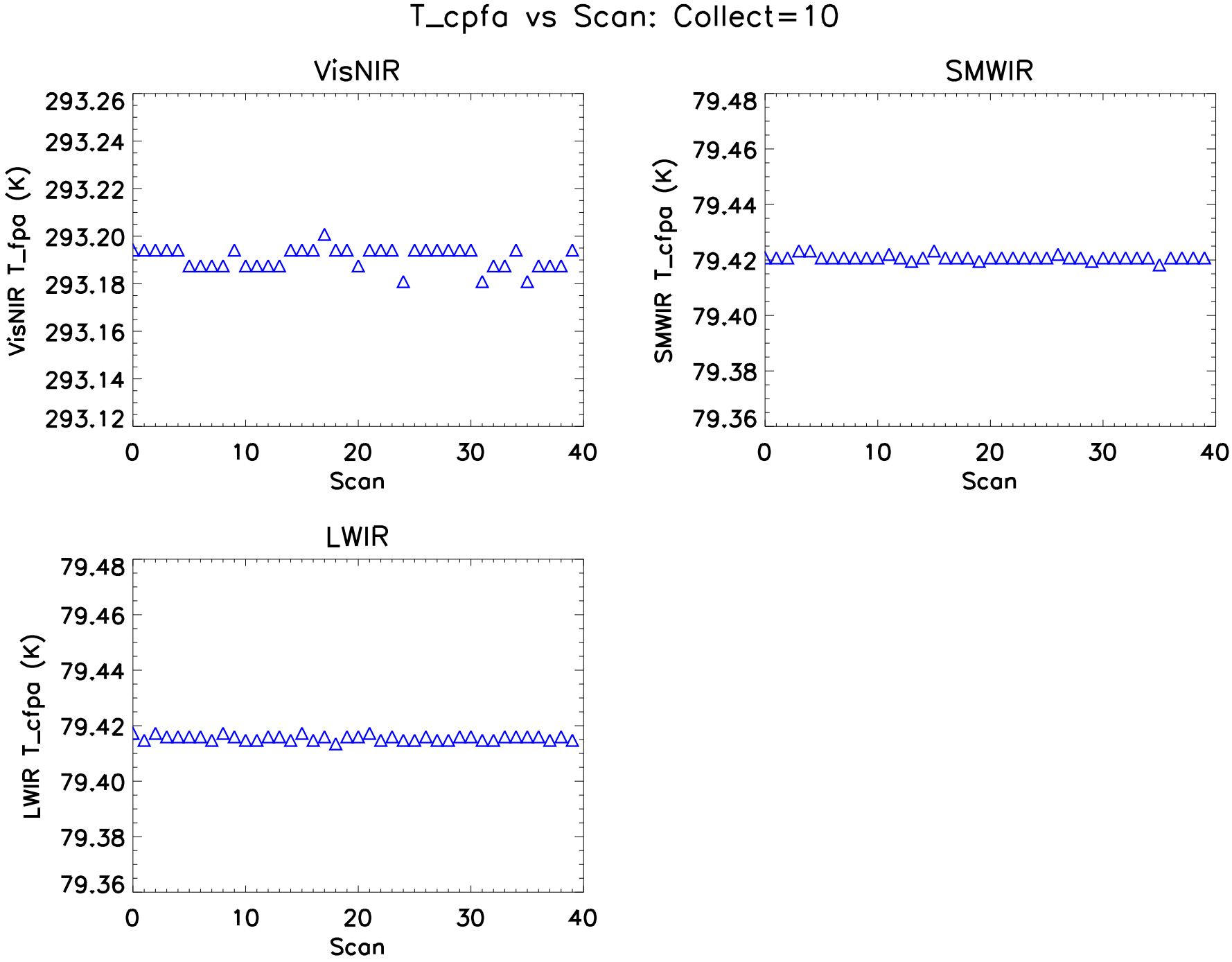

T_cpfa vs Scan: Collect=5
VisNIR
VisNIR T_fpa (K)
293.12
293.10
293.08
293.06
293.04
293.02
293.00
292.98
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.46
79.44
79.42
79.40
79.38
79.36
79.34
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan

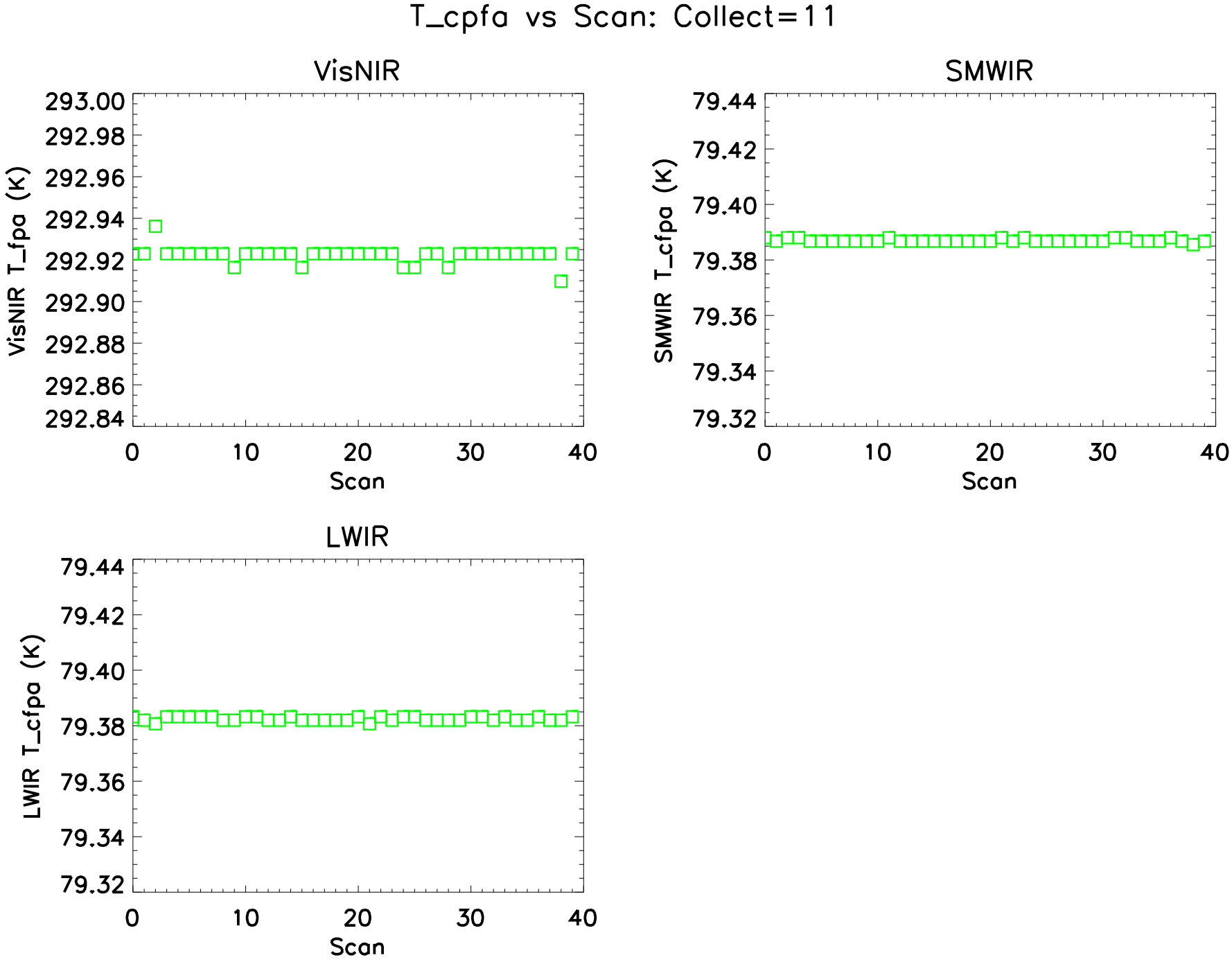

T_cpfa vs Scan: Collect=6
VisNIR
VisNIR T_fpa (K)
293.16
293.14
293.12
293.10
293.08
293.06
293.04
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

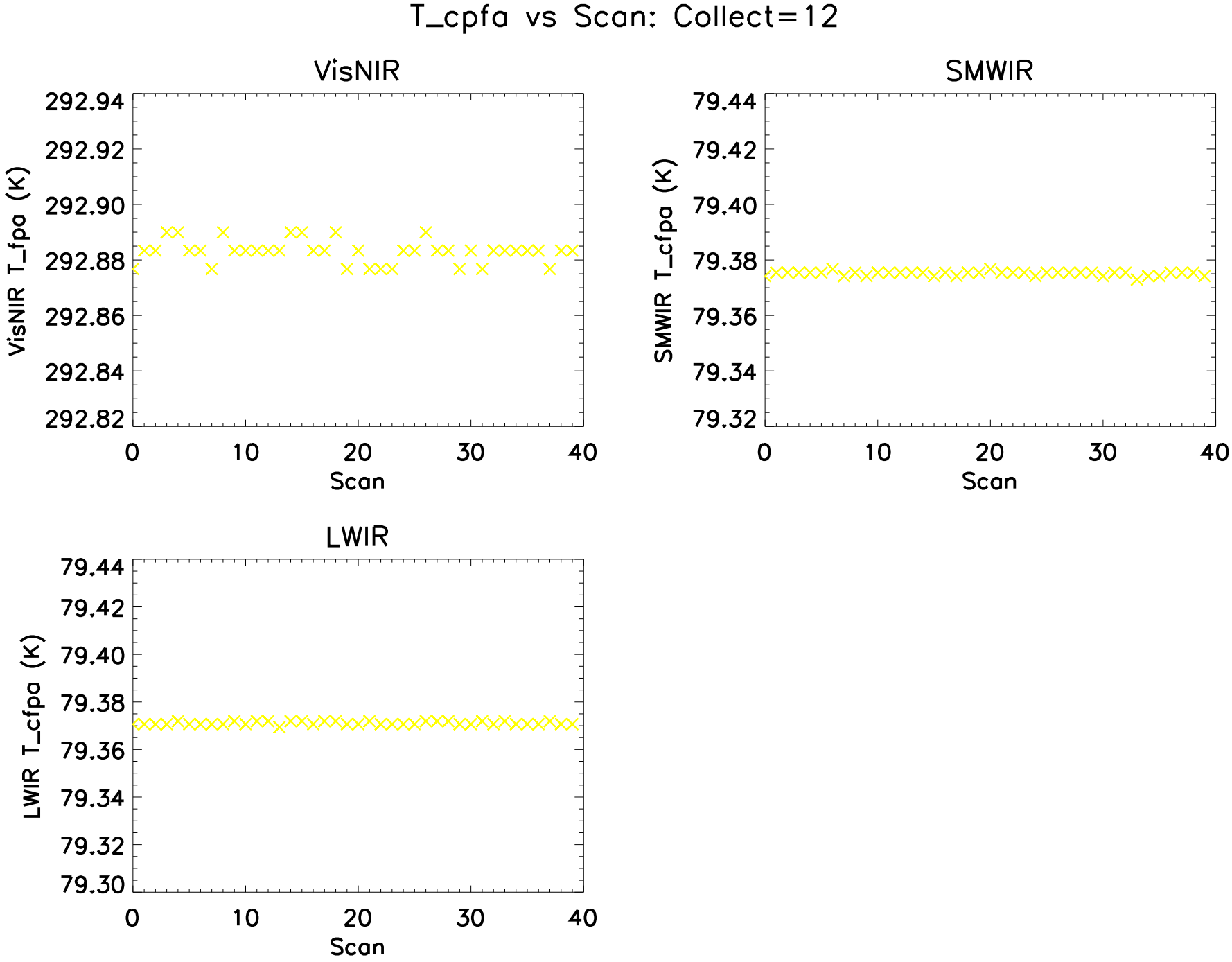

T_cpfa vs Scan: Collect=7
VisNIR
VisNIR T_fpa (K)
293.28
293.26
293.24
293.22
293.20
293.18
293.16
293.14
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.52
79.50
79.48
79.46
79.44
79.42
79.40
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan

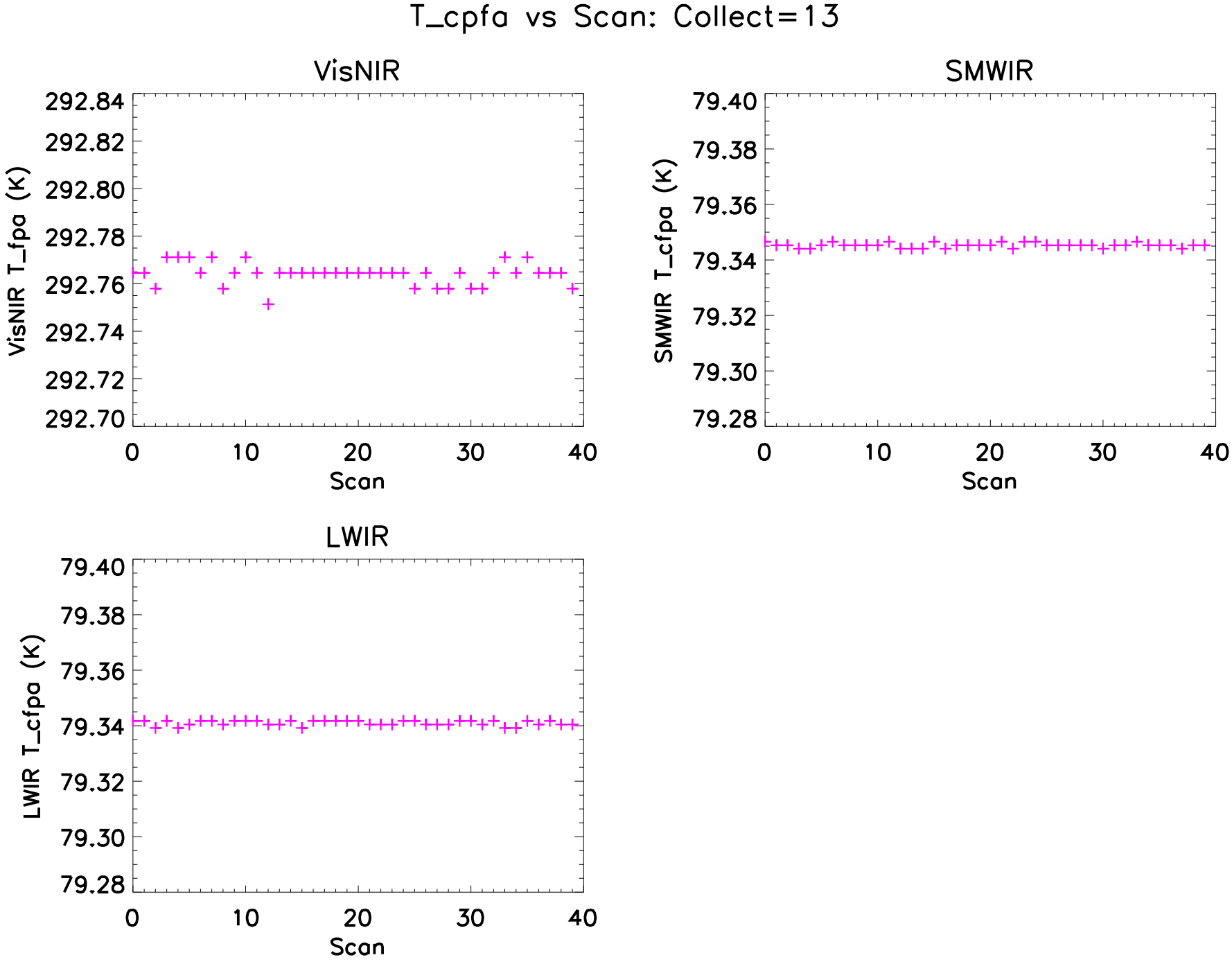

T_cpfa vs Scan: Collect=8
VisNIR
VisNIR T_fpa (K)
293.32
293.30
293.28
293.26
293.24
293.22
293.20
293.18
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan

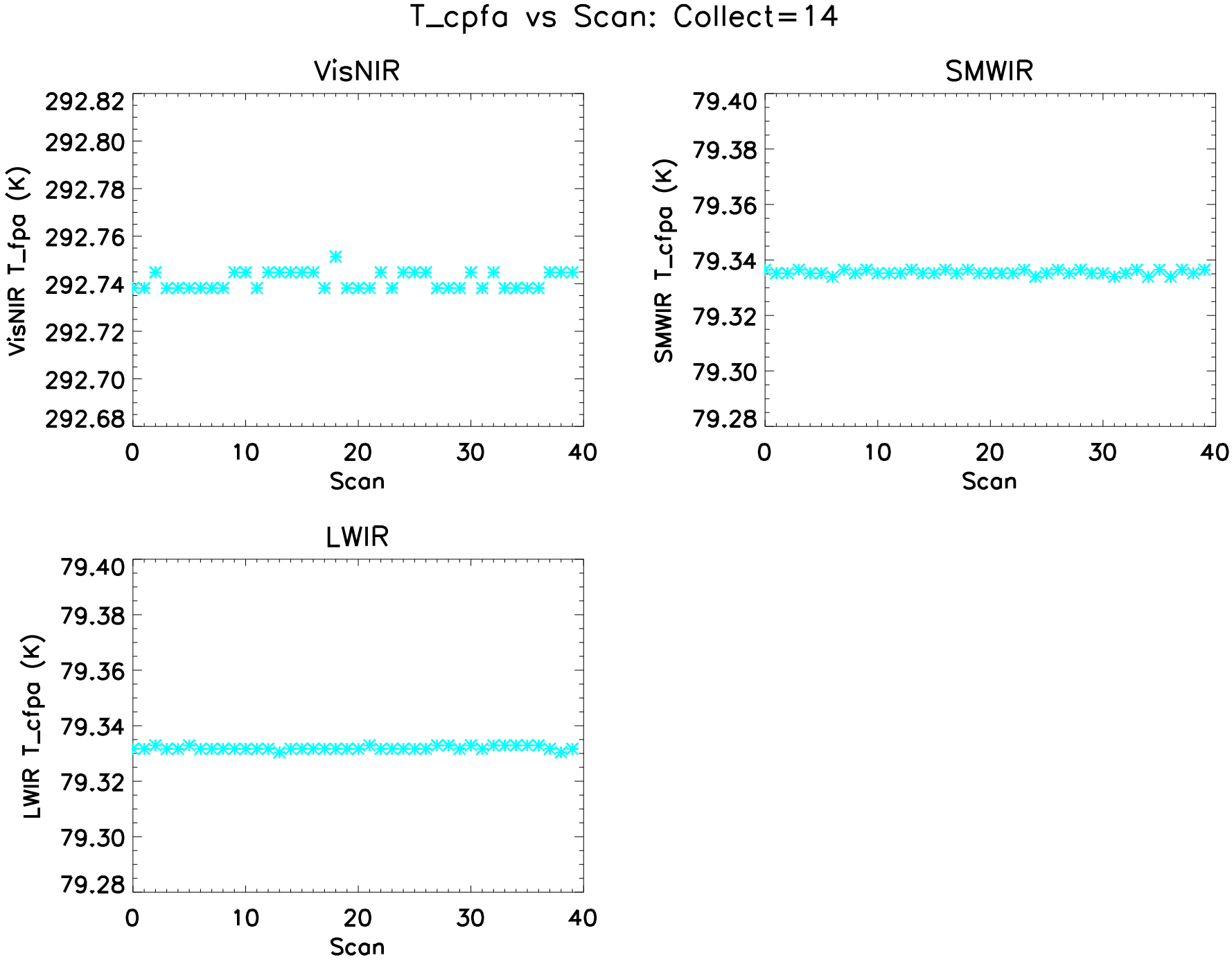

T_cpfa vs Scan: Collect=9
VisNIR
VisNIR T_fpa (K)
293.36
293.34
293.32
293.30
293.28
293.26
293.24
293.22
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

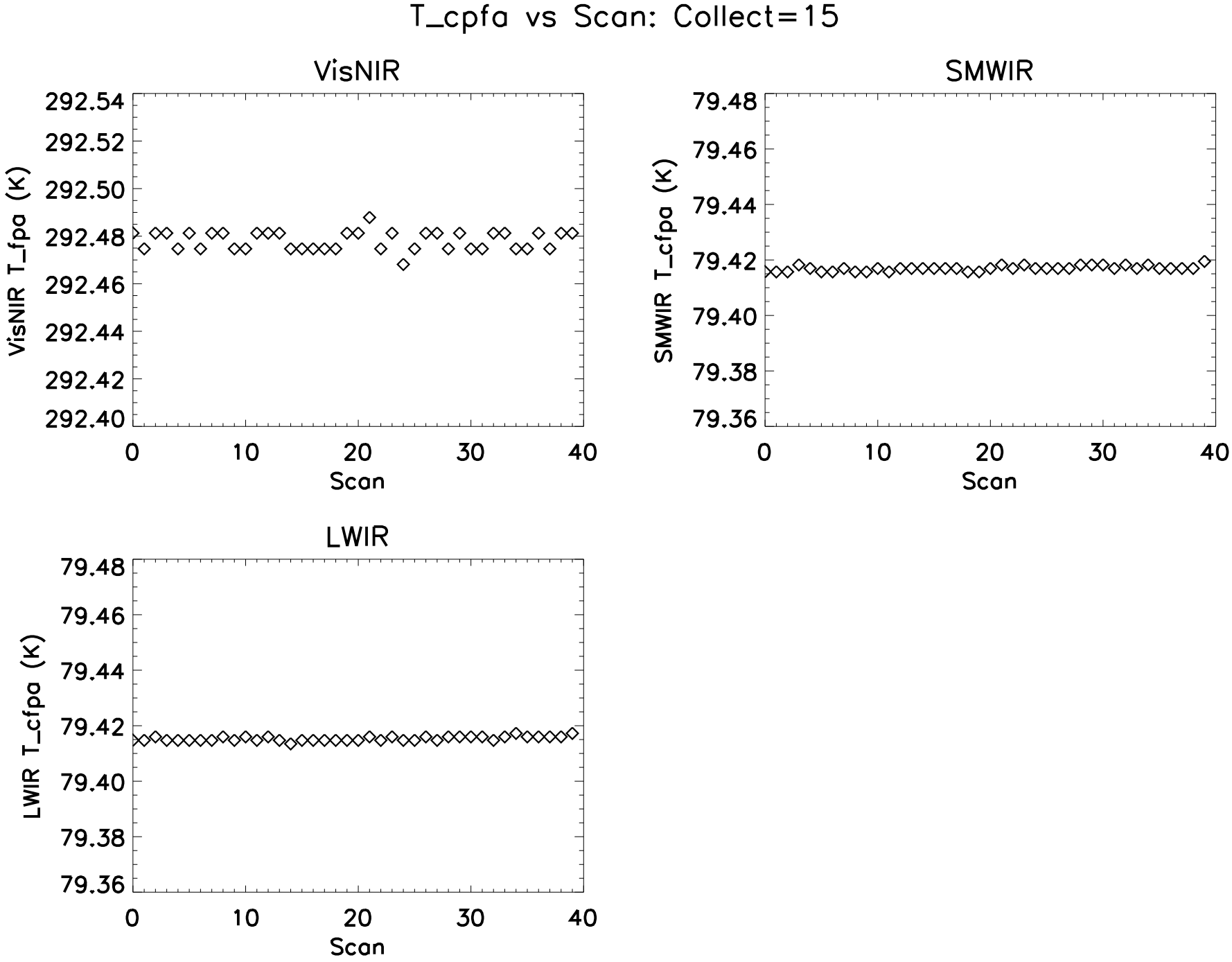

T_cpfa vs Scan: Collect=10
VisNIR
VisNIR T_fpa (K)
293.26
293.24
293.22
293.20
293.18
293.16
293.14
293.12
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

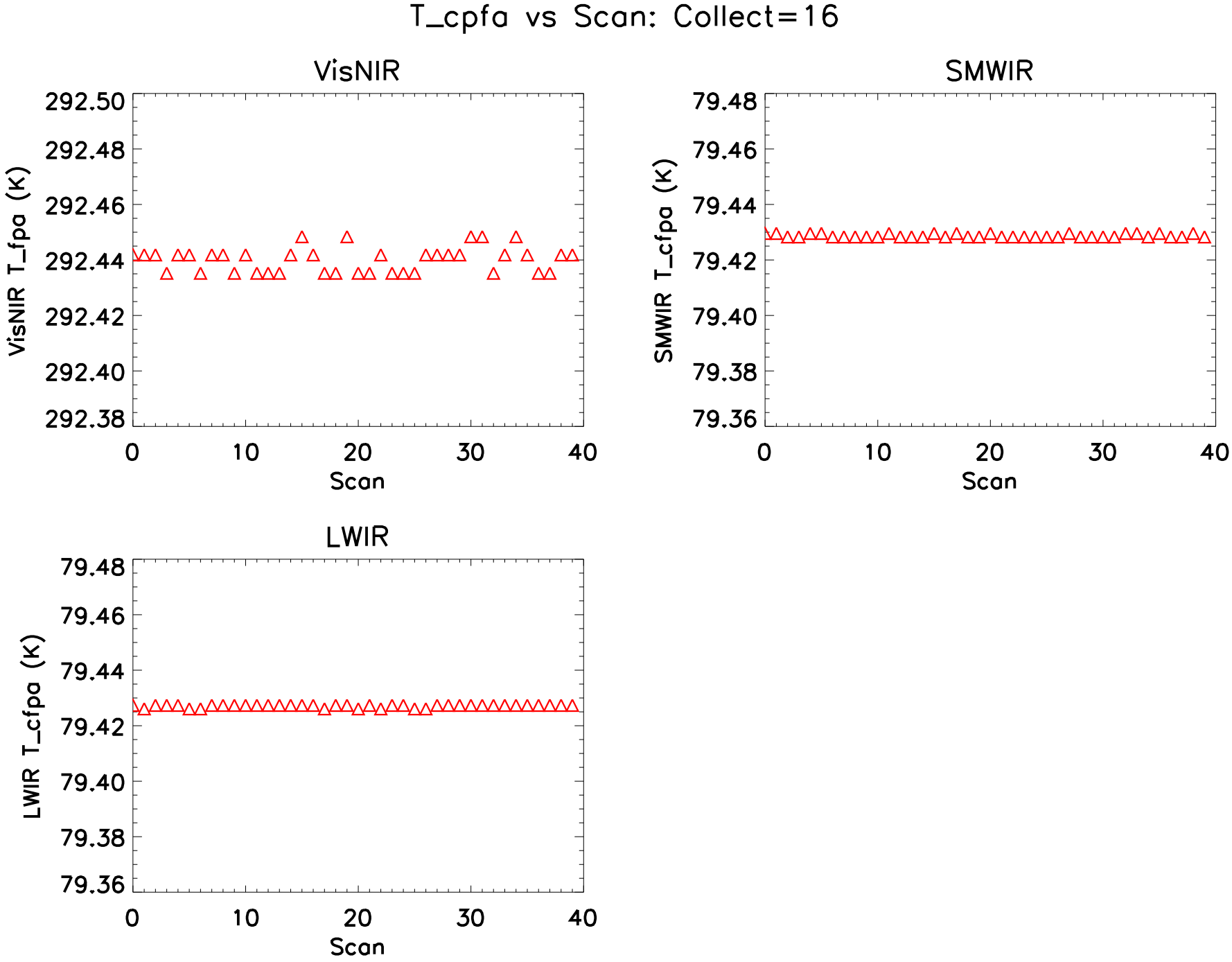

T_cpfa vs Scan: Collect=11
VisNIR
VisNIR T_fpa (K)
293.00
292.98
292.96
292.94
292.92
292.90
292.88
292.86
292.84
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan

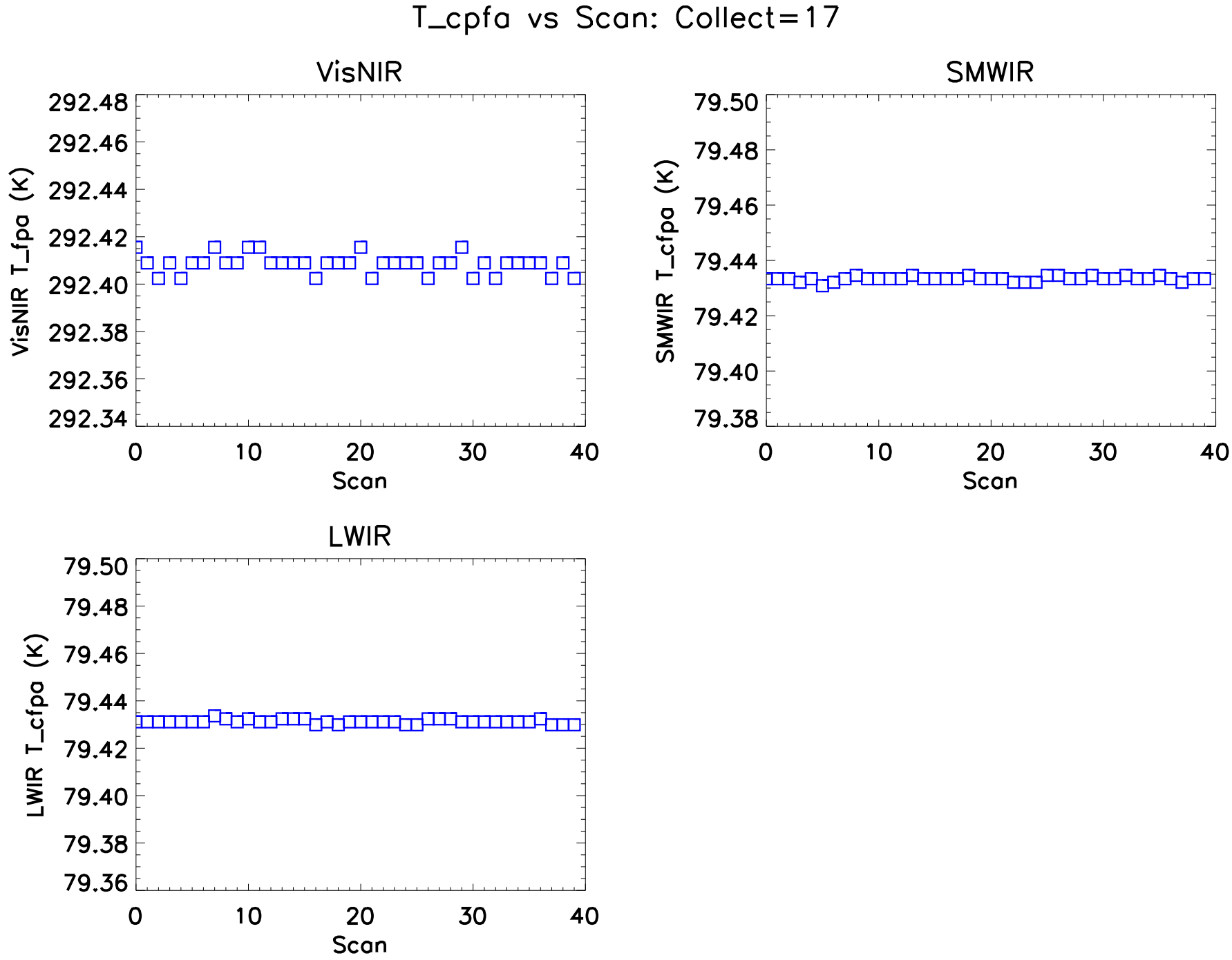

T_cpfa vs Scan: Collect=12
VisNIR
VisNIR T_fpa (K)
292.94
292.92
292.90
292.88
292.86
292.84
292.82
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.44
79.42
79.40
79.38
79.36
79.34
79.32
79.30
0
10
20
30
40
Scan

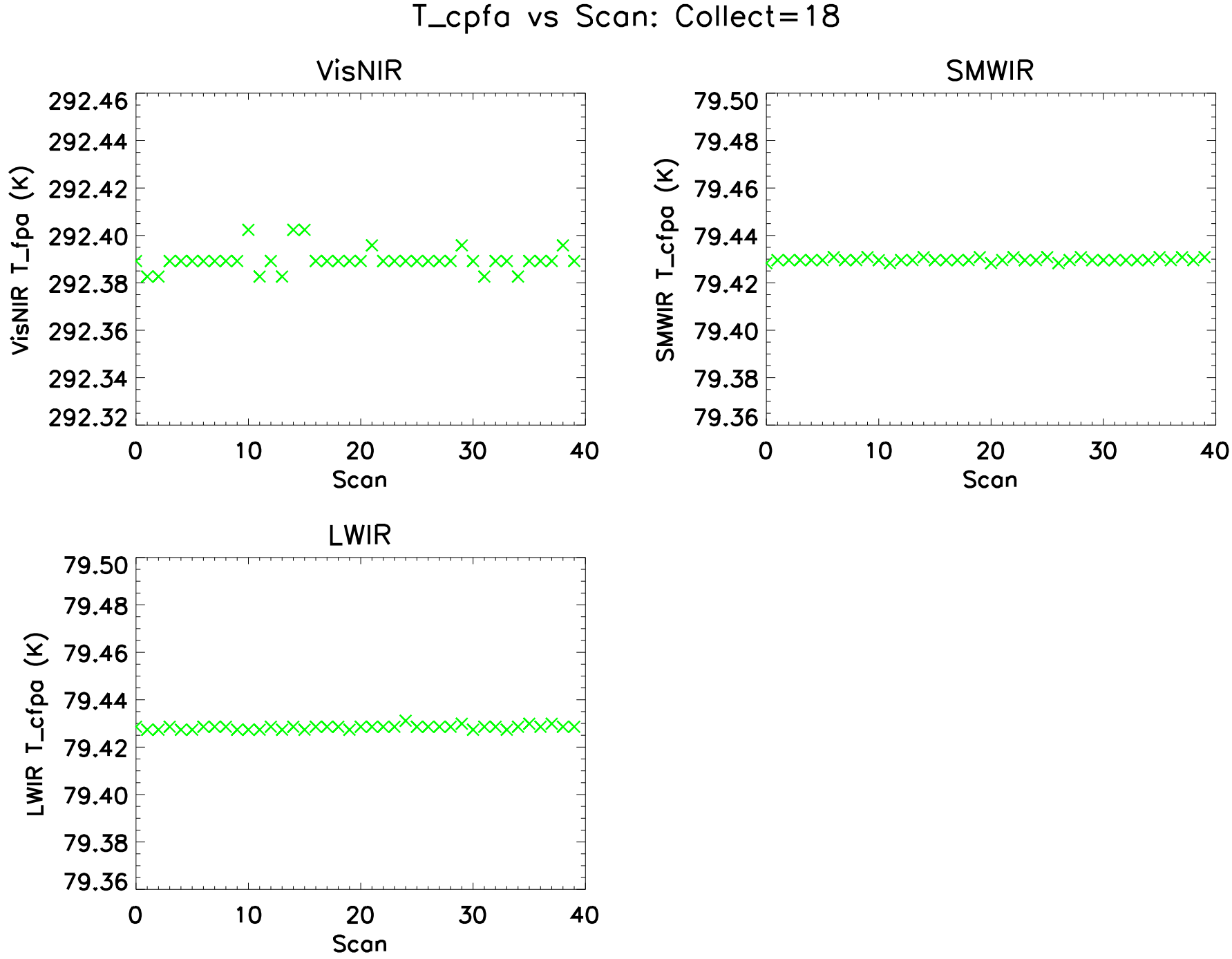

T_cpfa vs Scan: Collect=13
VisNIR
VisNIR T_fpa (K)
292.84
292.82
292.80
292.78
292.76
292.74
292.72
292.70
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan

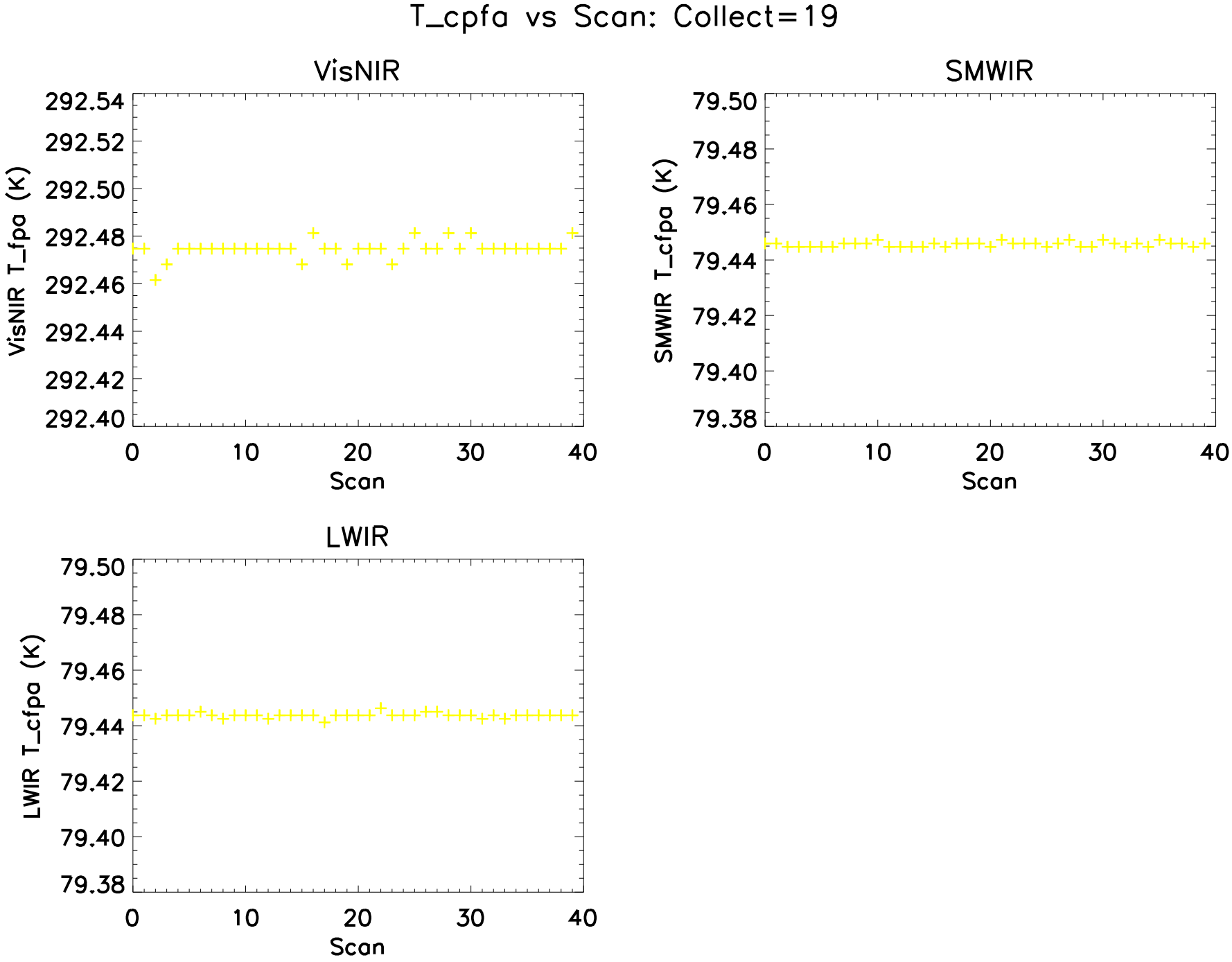

T_cpfa vs Scan: Collect=14
VisNIR
VisNIR T_fpa (K)
292.82
292.80
292.78
292.76
292.74
292.72
292.70
292.68
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.40
79.38
79.36
79.34
79.32
79.30
79.28
0
10
20
30
40
Scan

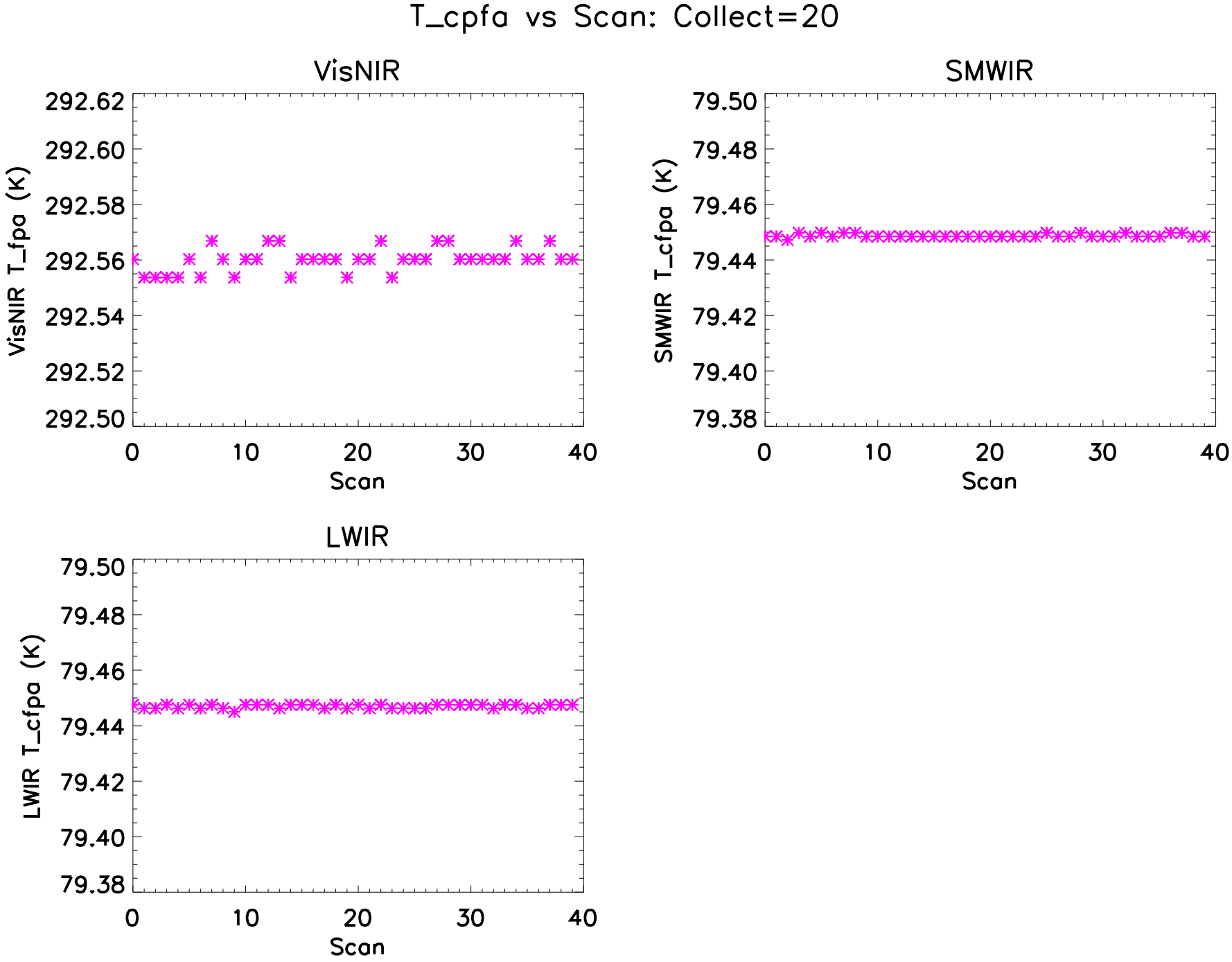

T_cpfa vs Scan: Collect=15
VisNIR
VisNIR T_fpa (K)
292.54
292.52
292.50
292.48
292.46
292.44
292.42
292.40
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

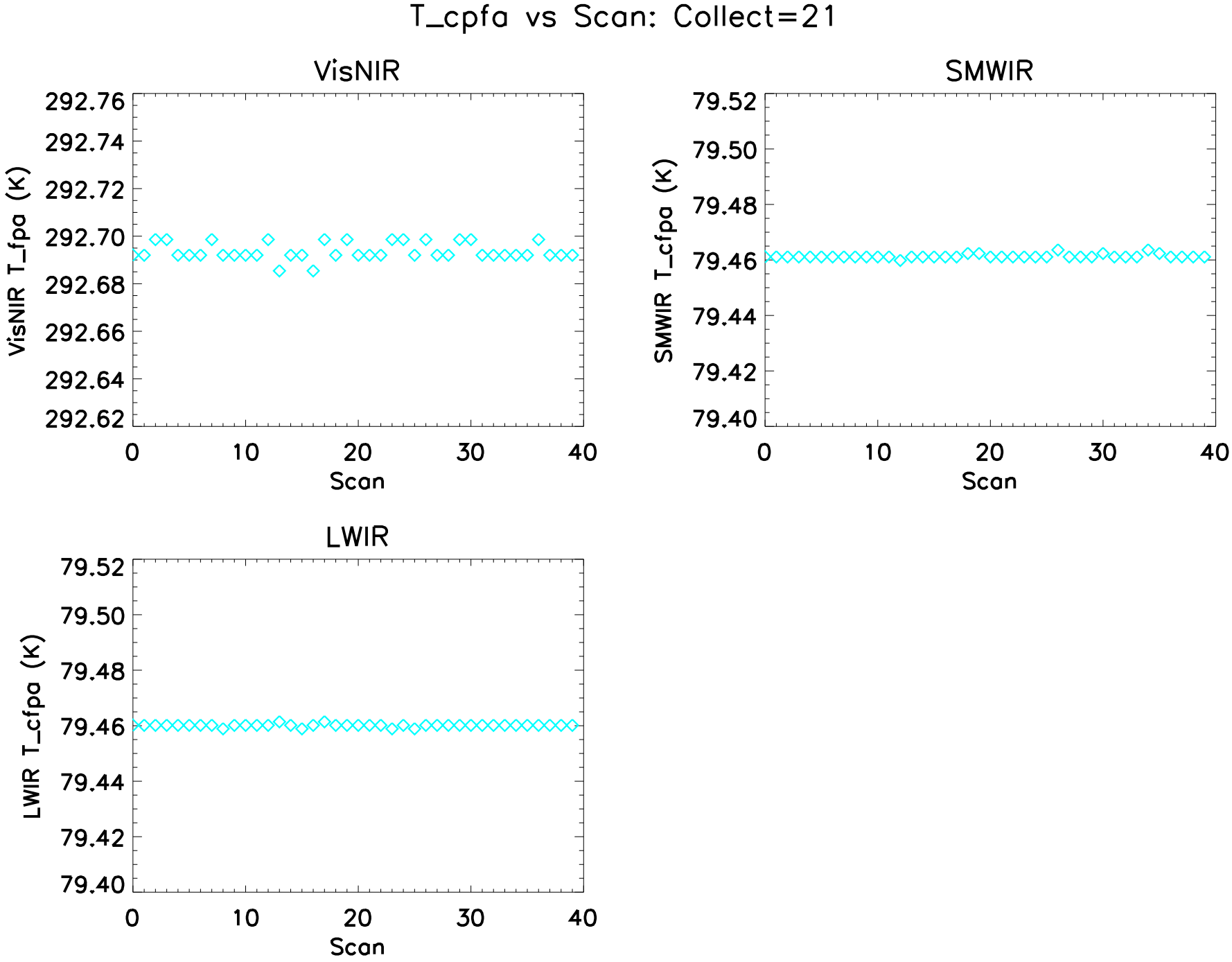

T_cpfa vs Scan: Collect=16
VisNIR
VisNIR T_fpa (K)
292.50
292.48
292.46
292.44
292.42
292.40
292.38
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

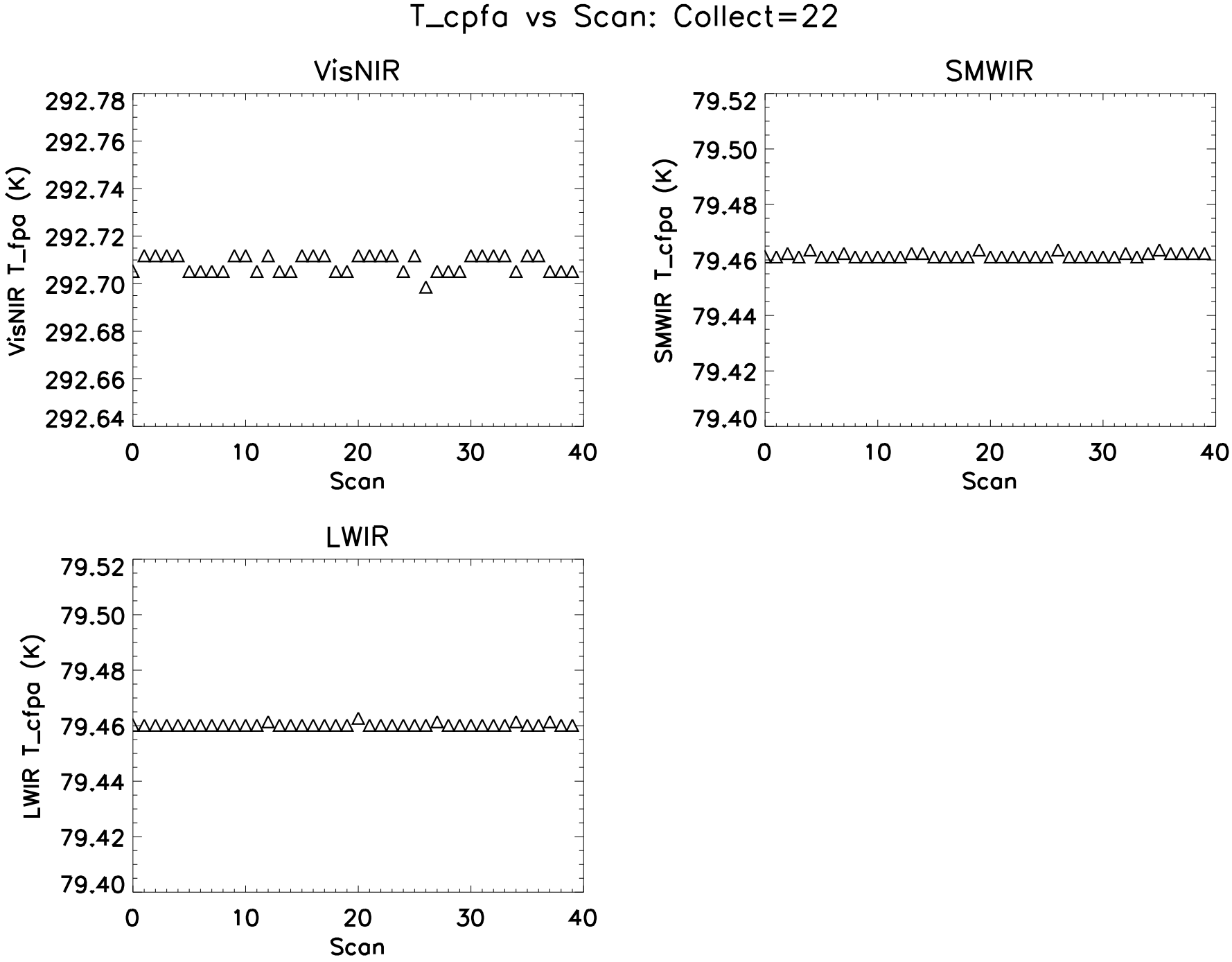

T_cpfa vs Scan: Collect=17
VisNIR
VisNIR T_fpa (K)
292.48
292.46
292.44
292.42
292.40
292.38
292.36
292.34
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

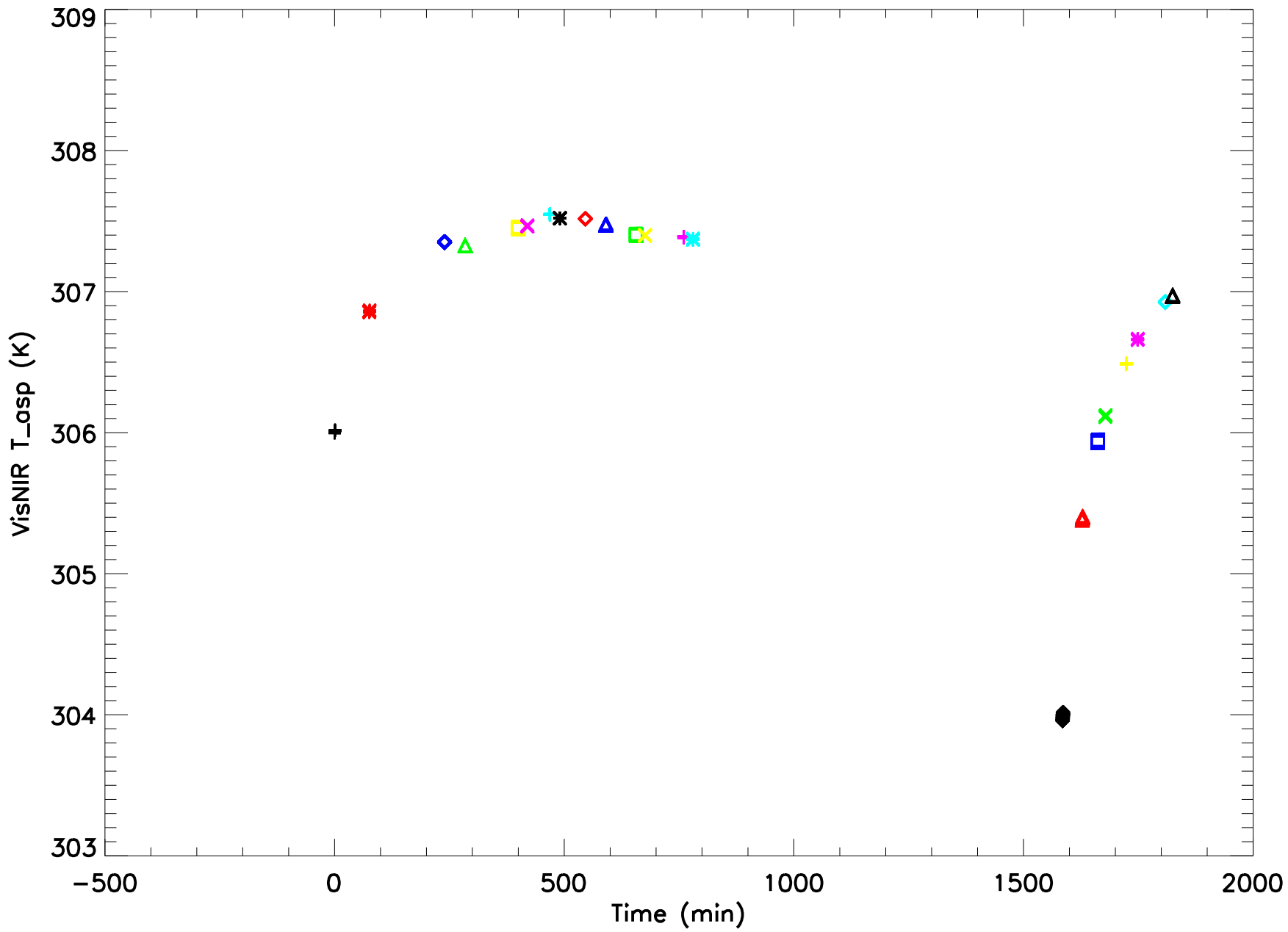

T_cpfa vs Scan: Collect=18
VisNIR
VisNIR T_fpa (K)
292.46
292.44
292.42
292.40
292.38
292.36
292.34
292.32
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
79.36
0
10
20
30
40
Scan

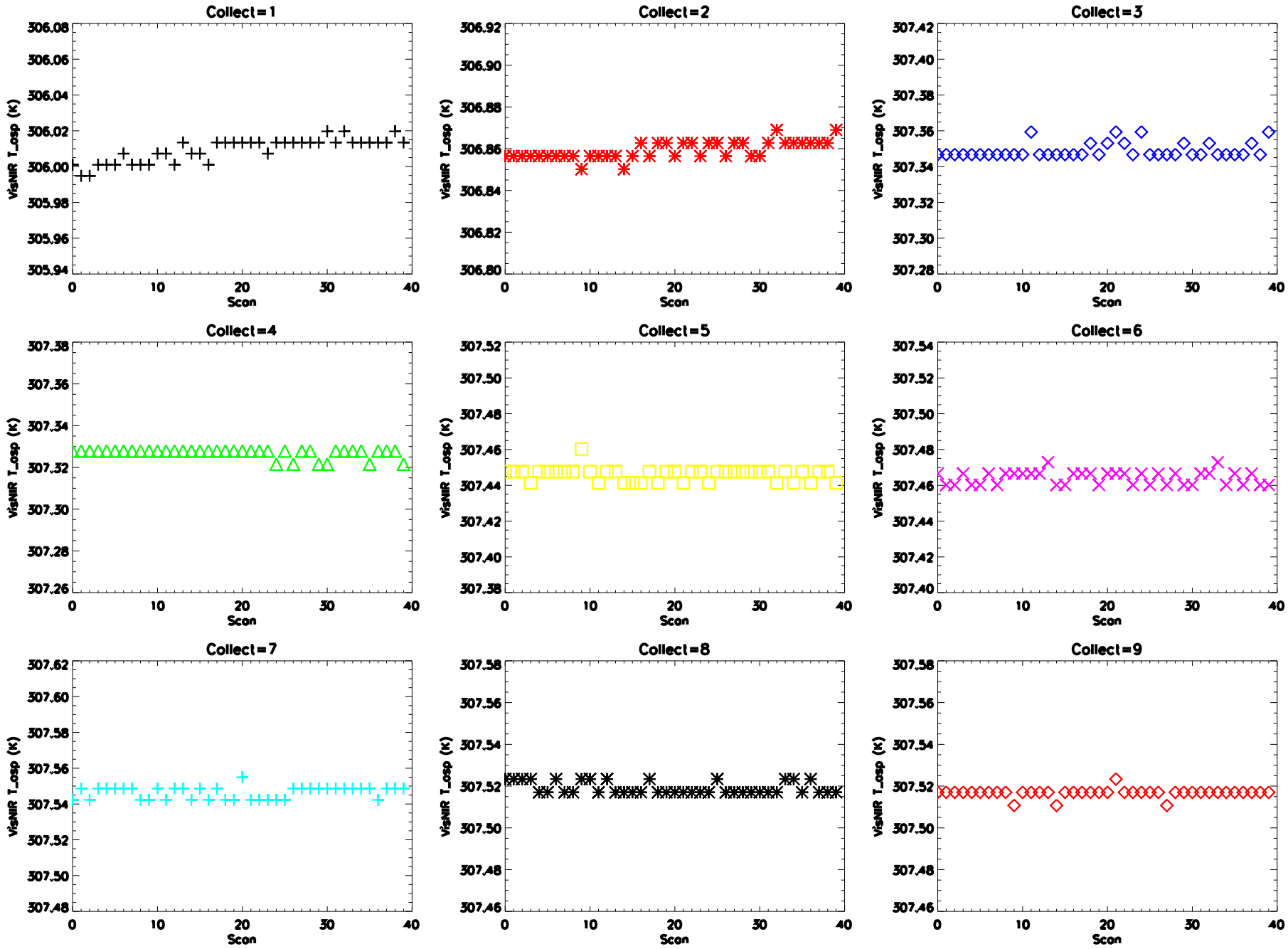

T_cpfa vs Scan: Collect=19
VisNIR
VisNIR T_fpa (K)
292.54
292.52
292.50
292.48
292.46
292.44
292.42
292.40
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan

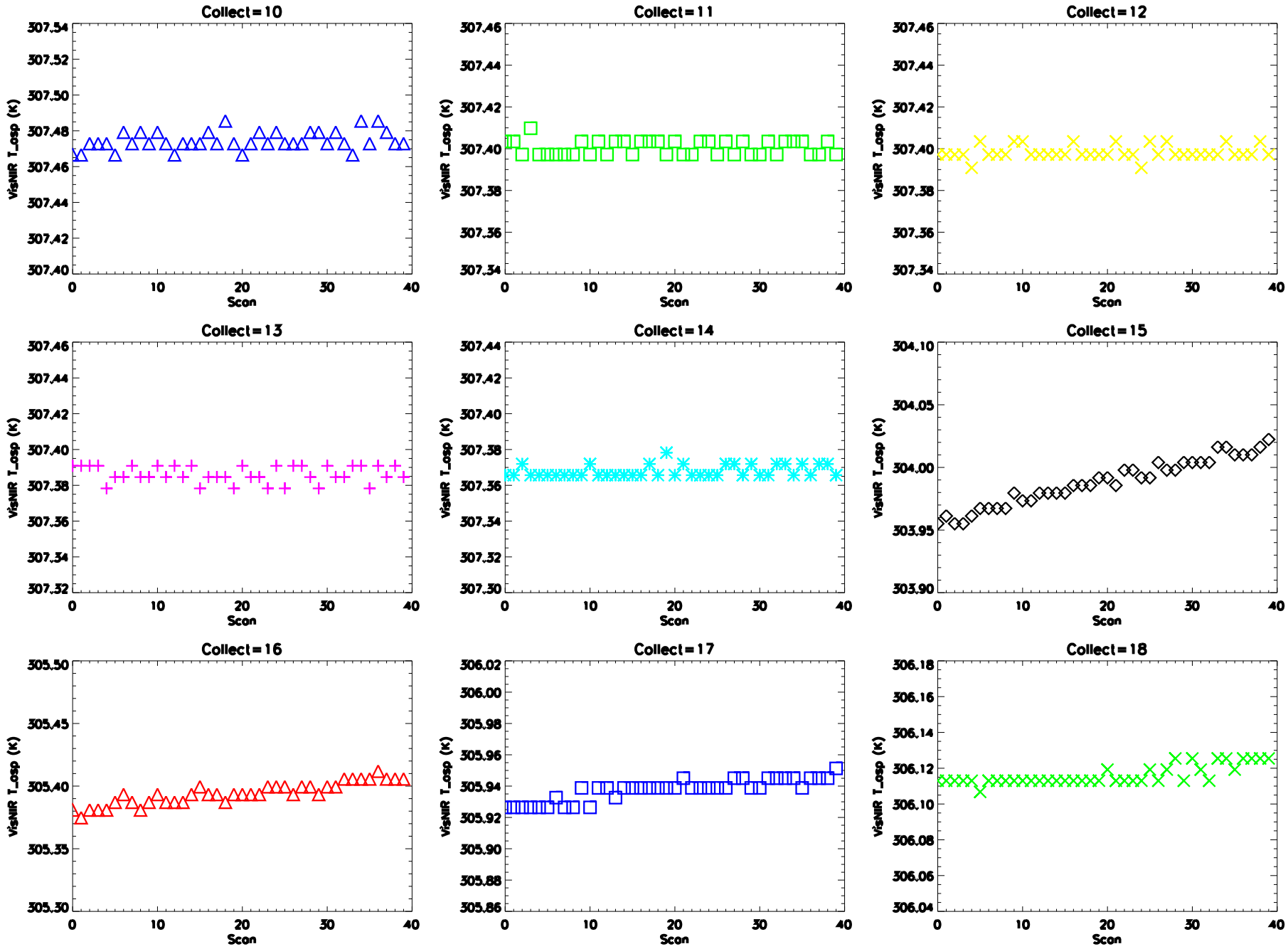

T_cpfa vs Scan: Collect=20
VisNIR
VisNIR T_fpa (K)
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.50
79.48
79.46
79.44
79.42
79.40
79.38
0
10
20
30
40
Scan


T_cpfa vs Scan: Collect=21
VisNIR
VisNIR T_fpa (K)
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.52
79.50
79.48
79.46
79.44
79.42
79.40
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.52
79.50
79.48
79.46
79.44
79.42
79.40
0
10
20
30
40
Scan

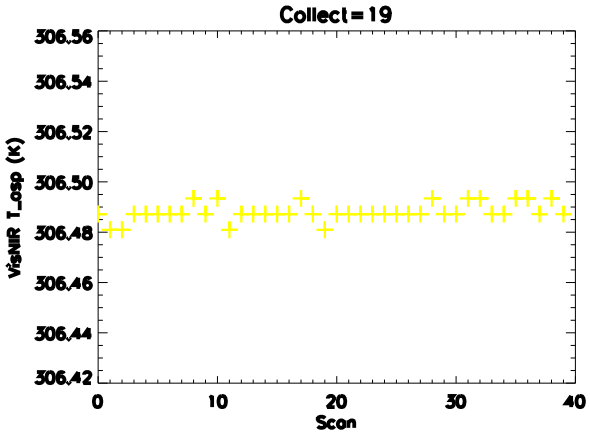

T_cpfa vs Scan: Collect=22
VisNIR
VisNIR T_fpa (K)
292.78
292.76
292.74
292.72
292.70
292.68
292.66
292.64
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
79.52
79.50
79.48
79.46
79.44
79.42
79.40
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
79.52
79.50
79.48
79.46
79.44
79.42
79.40
0
10
20
30
40
Scan

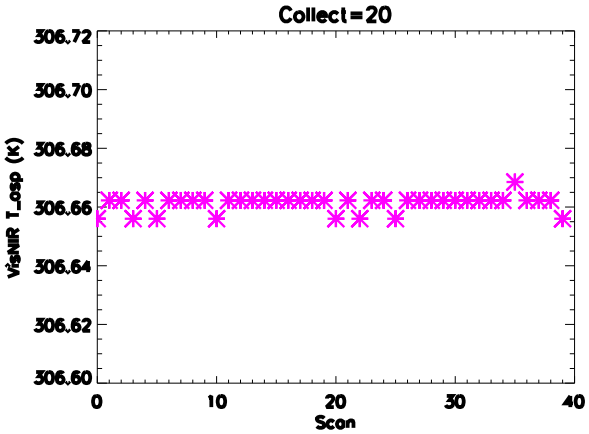

VisNIR T_asp vs Time
VisNIR T_asp (K)
309
308
307
306
305
304
303
−500
0
500
1000
1500
2000
Time (min)

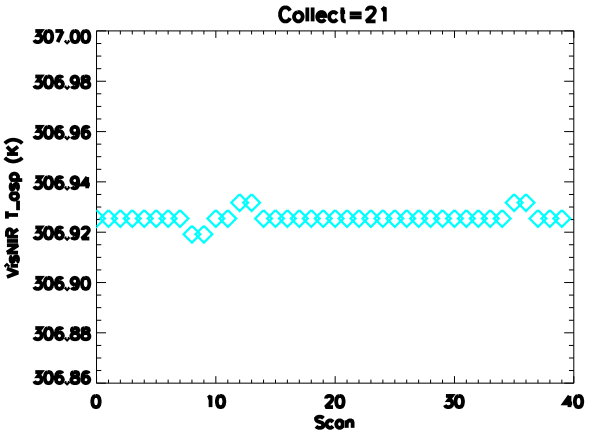

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_osp (K)
Scan

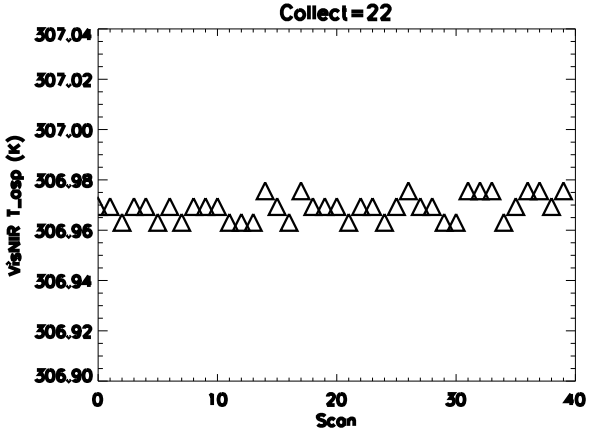

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
VisNIR T_osp (K)
Scan

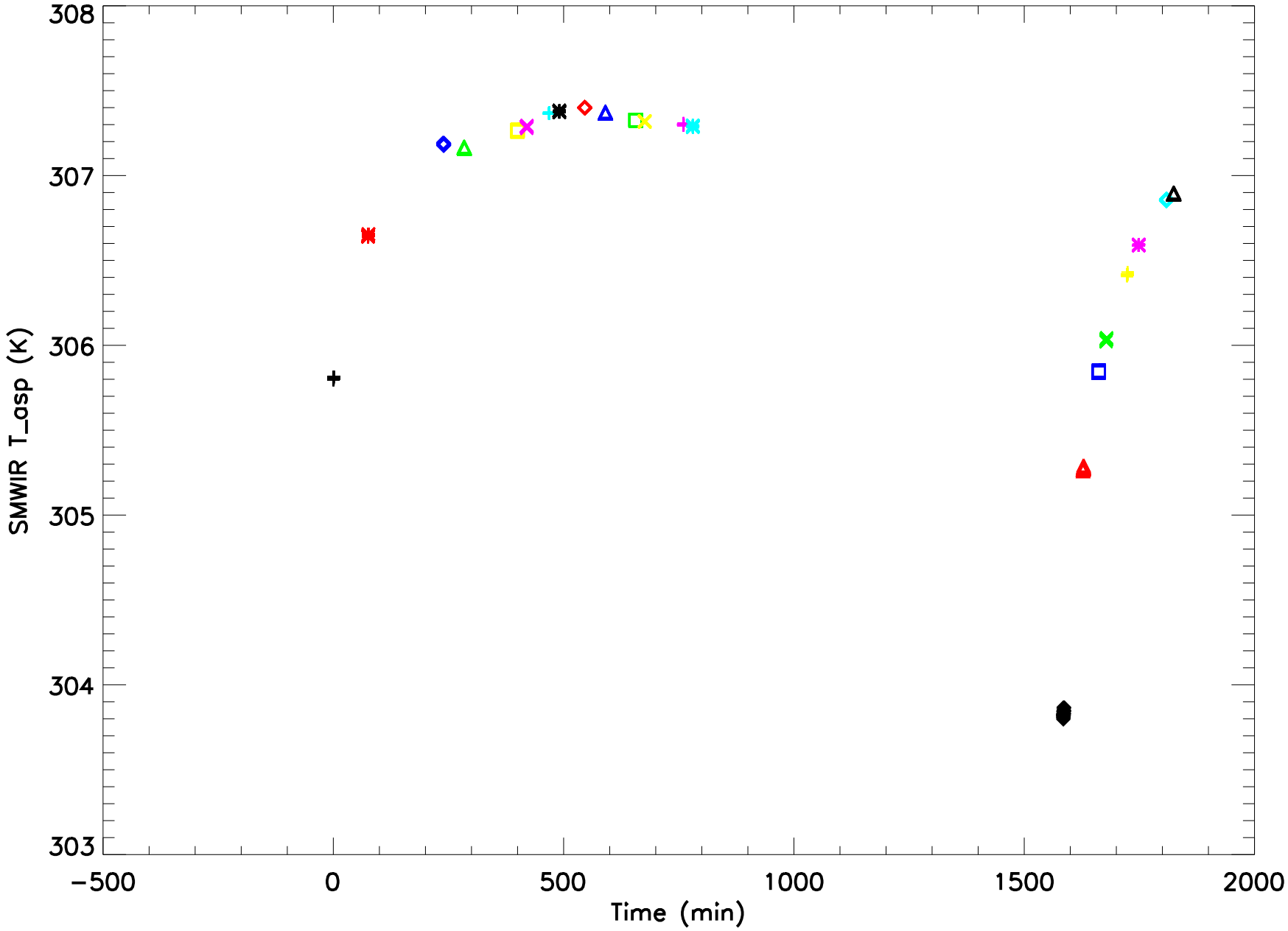
VisNIR T_asp vs Scan

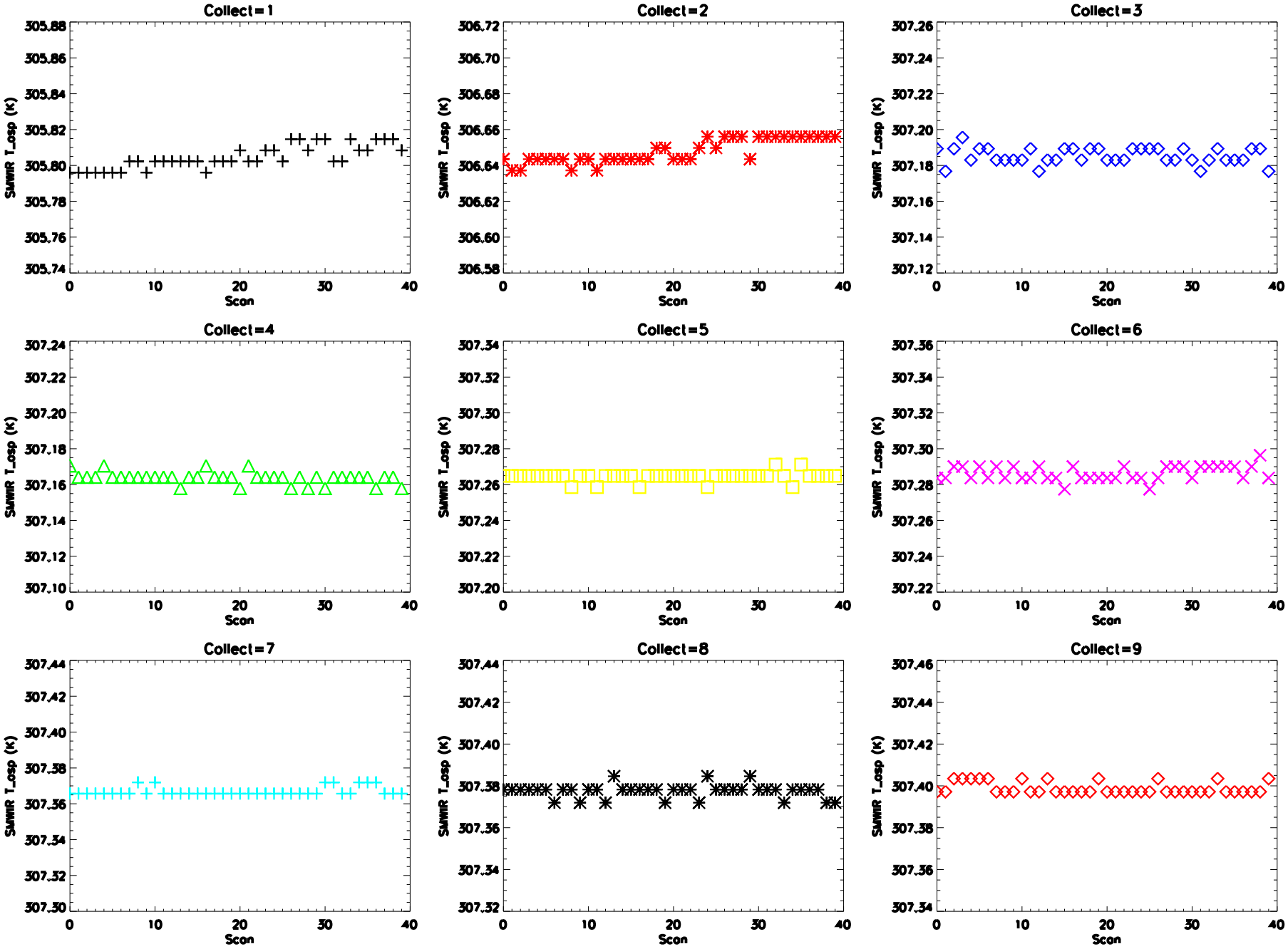


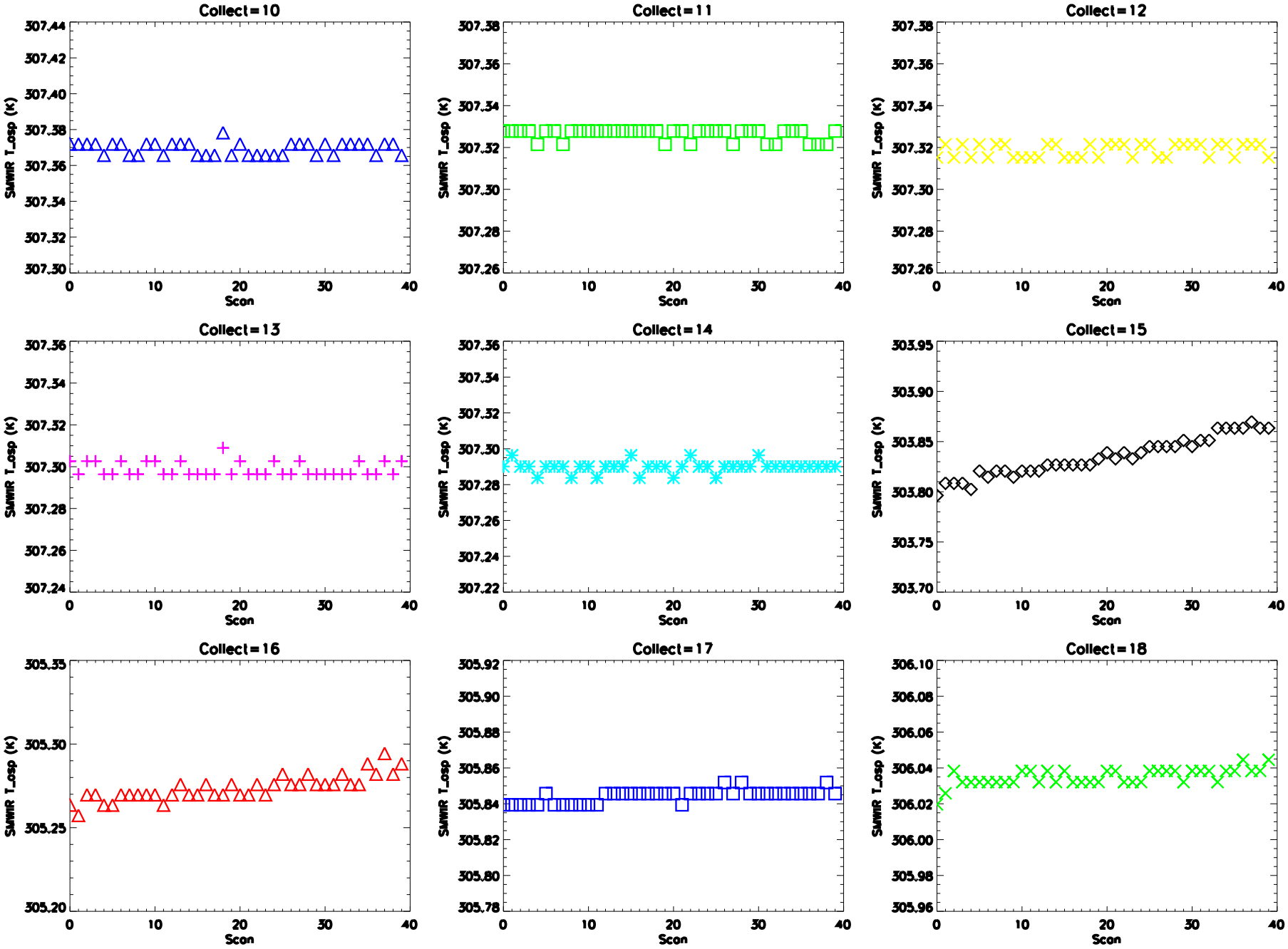




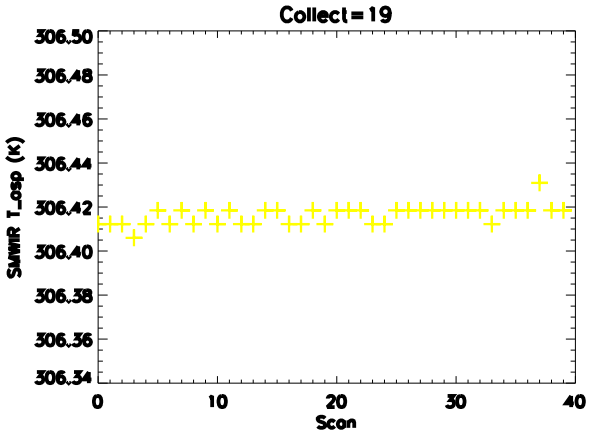


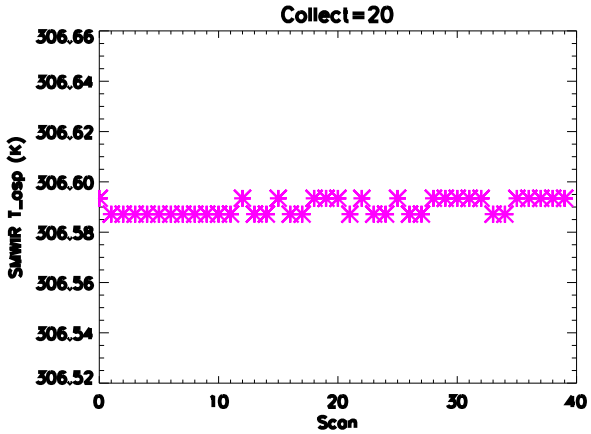

SMWIR T_asp vs Time
SMWIR T_asp (K)
308
307
306
305
304
303
−500
0
500
1000
1500
2000
Time (min)

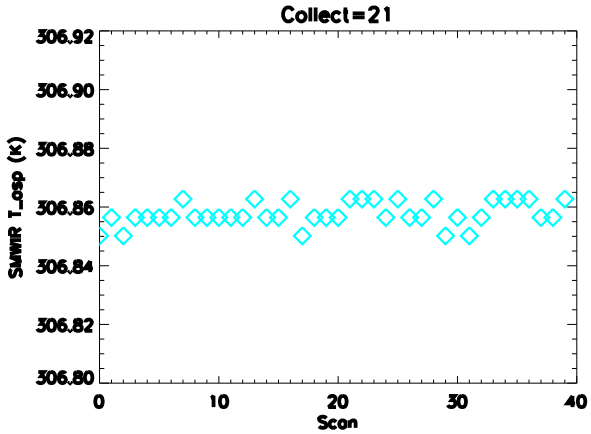

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SWWR T_osp (K)
Scan

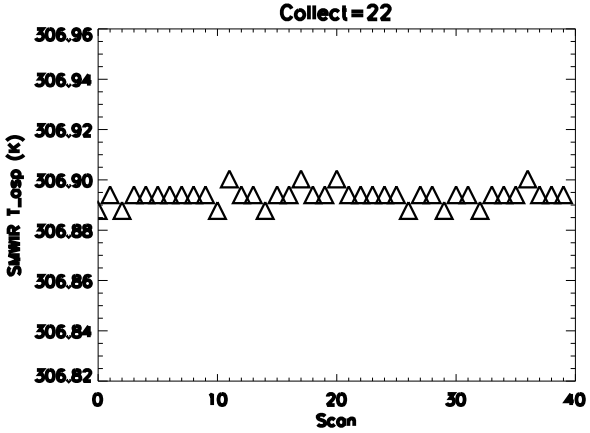

Collect = 10
SMMR T_osp (K)
307.44
307.42
307.40
307.38
307.36
307.34
307.32
307.30
0
10
20
30
40
Scan
Collect = 11
SMMR T_osp (K)
307.38
307.36
307.34
307.32
307.30
307.28
307.26
0
10
20
30
40
Scan
Collect = 12
SMMR T_osp (K)
307.38
307.36
307.34
307.32
307.30
307.28
307.26
0
10
20
30
40
Scan
Collect = 13
SMMR T_osp (K)
307.36
307.34
307.32
307.30
307.28
307.26
307.24
0
10
20
30
40
Scan
Collect = 14
SMMR T_osp (K)
307.36
307.34
307.32
307.30
307.28
307.26
307.24
307.22
0
10
20
30
40
Scan
Collect = 15
SMMR T_osp (K)
303.95
303.90
303.85
303.80
303.75
303.70
0
10
20
30
40
Scan
Collect = 16
SMMR T_osp (K)
305.35
305.30
305.25
305.20
0
10
20
30
40
Scan
Collect = 17
SMMR T_osp (K)
305.92
305.90
305.88
305.86
305.84
305.82
305.80
305.78
0
10
20
30
40
Scan
Collect = 18
SMMR T_osp (K)
306.10
306.08
306.06
306.04
306.02
306.00
305.98
305.96
0
10
20
30
40
Scan

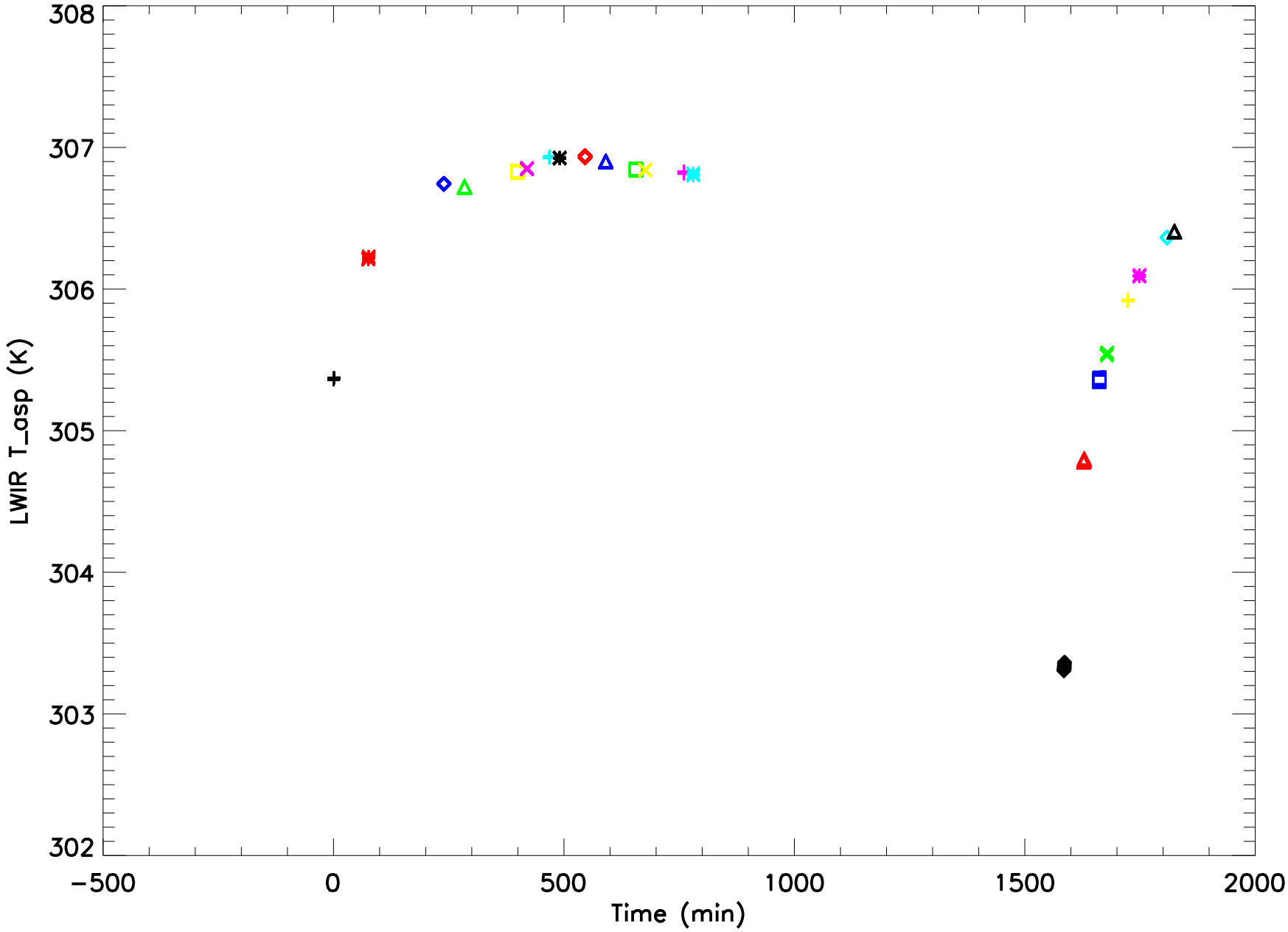
SMWIR T_asp vs Scan

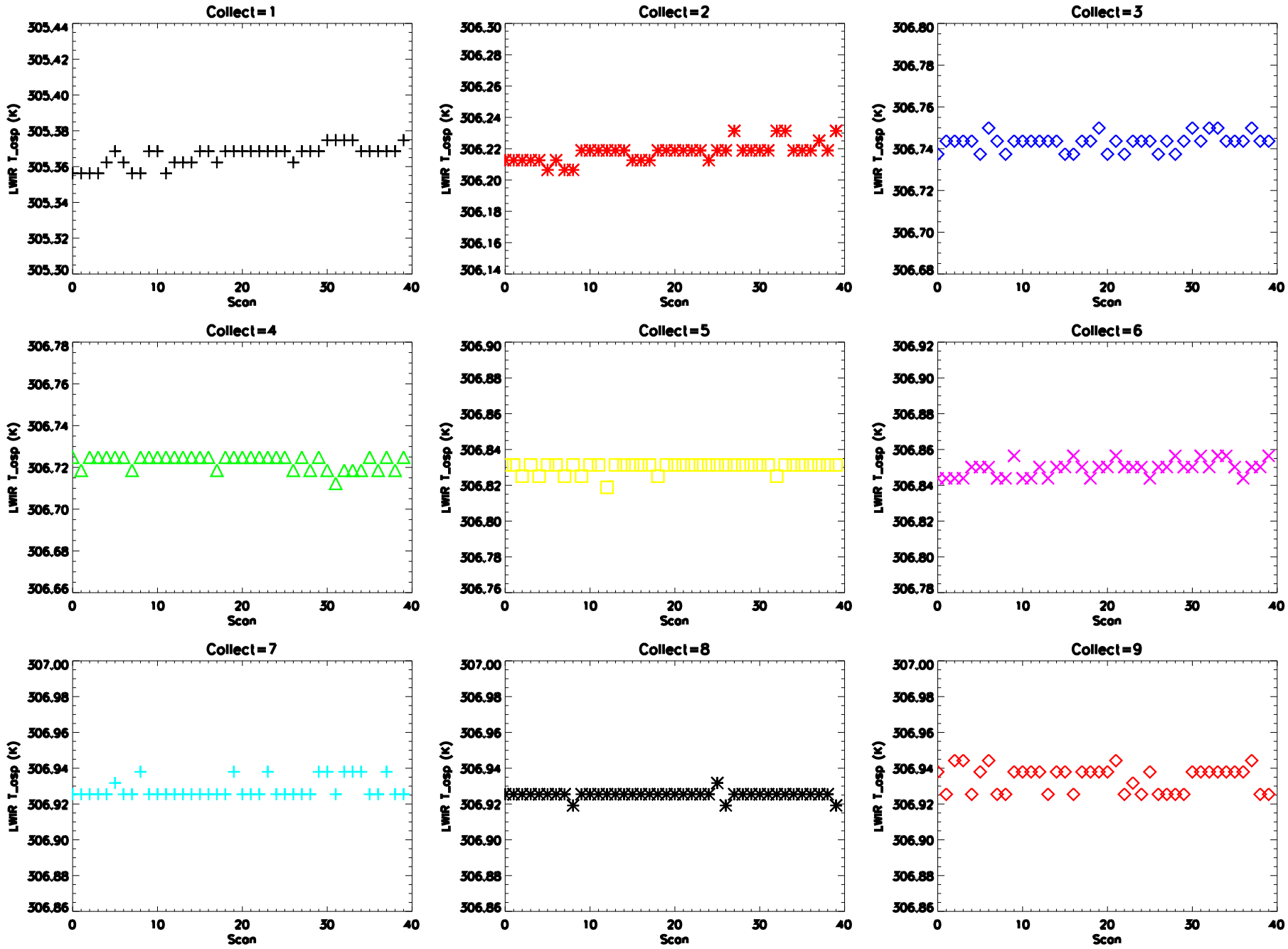


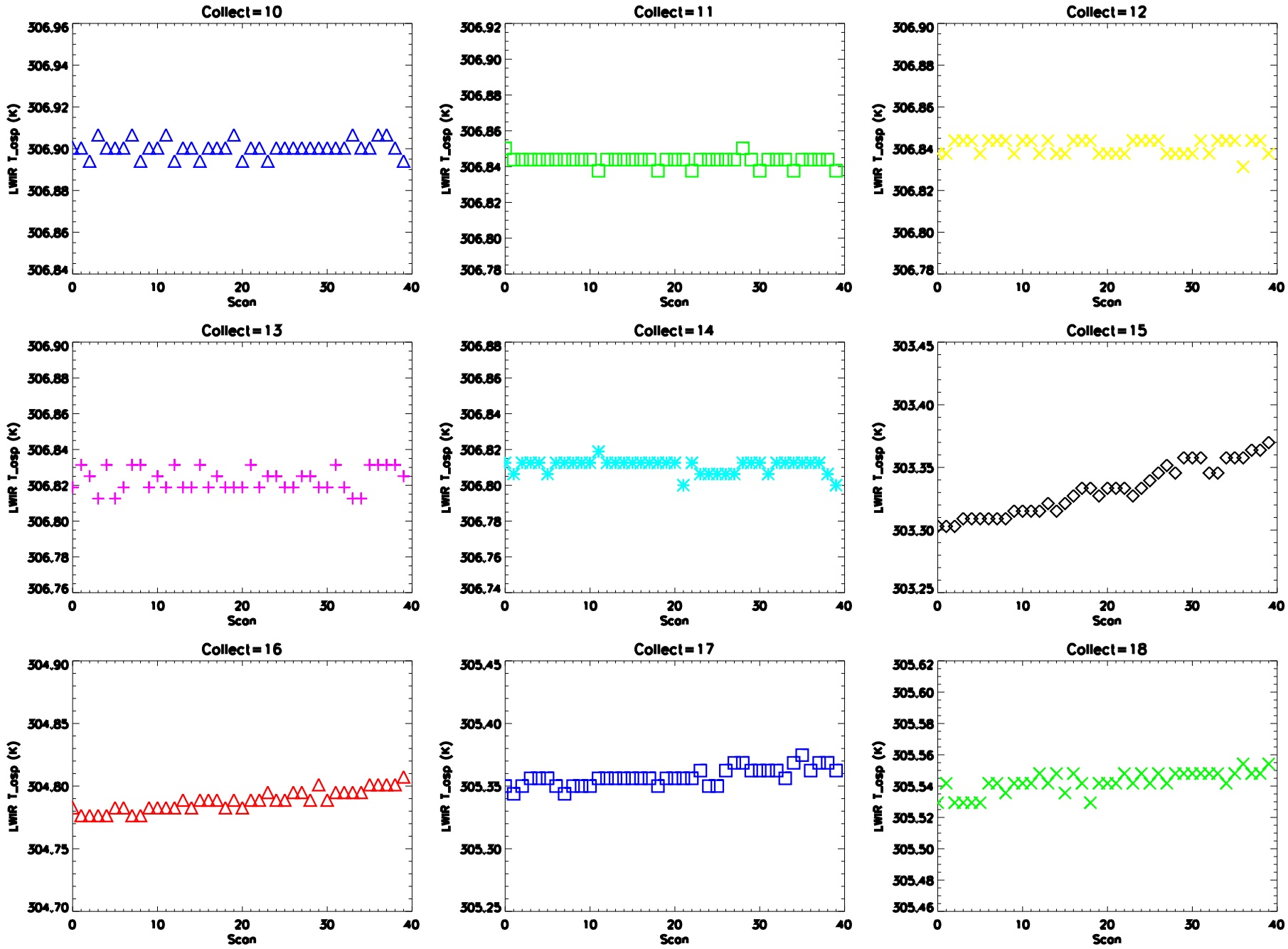




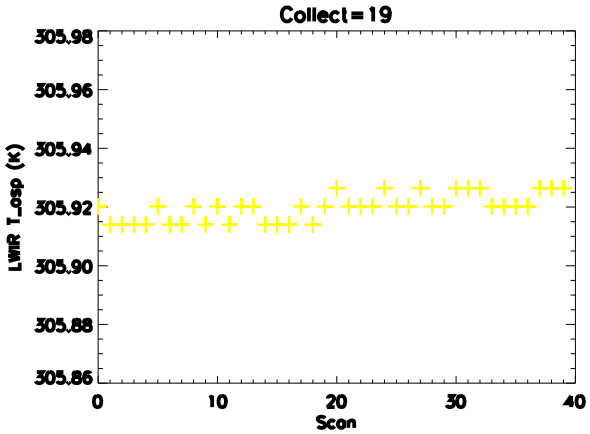


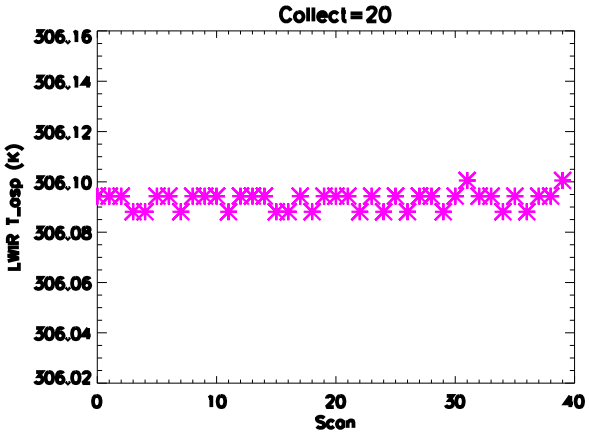

LWIR T_asp vs Time
LWIR T_asp (K)
308
307
306
305
304
303
302
−500
0
500
1000
1500
2000
Time (min)

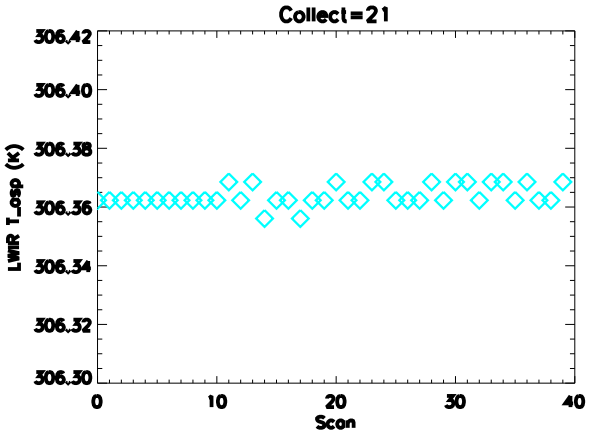

Collect=1
LWIR T_osp (K)
Scan
Collect=2
LWIR T_osp (K)
Scan
Collect=3
LWIR T_osp (K)
Scan
Collect=4
LWIR T_osp (K)
Scan
Collect=5
LWIR T_osp (K)
Scan
Collect=6
LWIR T_osp (K)
Scan
Collect=7
LWIR T_osp (K)
Scan
Collect=8
LWIR T_osp (K)
Scan
Collect=9
LWIR T_osp (K)
Scan

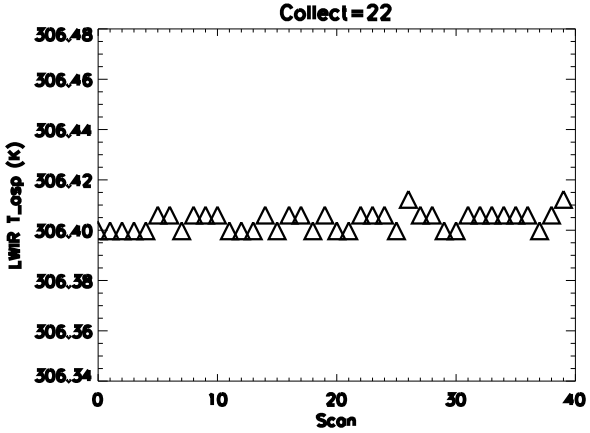

Collect = 10
LWIR T_osp (K)
306.96
306.94
306.92
306.90
306.88
306.86
306.84
0
10
20
30
40
Scan
Collect = 11
LWIR T_osp (K)
306.92
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
Scan
Collect = 12
LWIR T_osp (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
Scan
Collect = 13
LWIR T_osp (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
306.76
0
10
20
30
40
Scan
Collect = 14
LWIR T_osp (K)
306.88
306.86
306.84
306.82
306.80
306.78
306.76
306.74
0
10
20
30
40
Scan
Collect = 15
LWIR T_osp (K)
303.45
303.40
303.35
303.30
303.25
0
10
20
30
40
Scan
Collect = 16
LWIR T_osp (K)
304.90
304.85
304.80
304.75
304.70
0
10
20
30
40
Scan
Collect = 17
LWIR T_osp (K)
305.45
305.40
305.35
305.30
305.25
0
10
20
30
40
Scan
Collect = 18
LWIR T_osp (K)
305.62
305.60
305.58
305.56
305.54
305.52
305.50
305.48
305.46
0
10
20
30
40
Scan

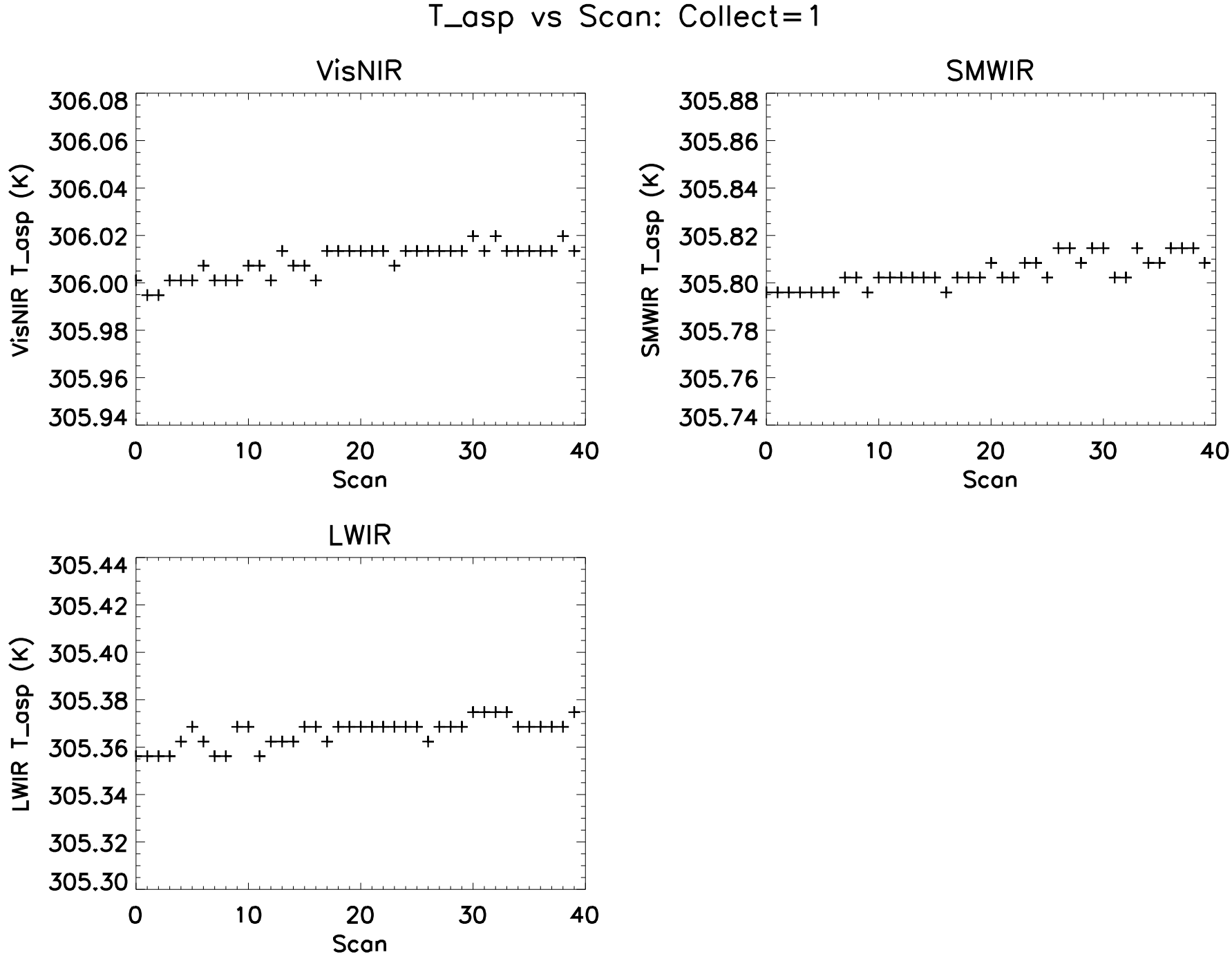
LWIR T_asp vs Scan

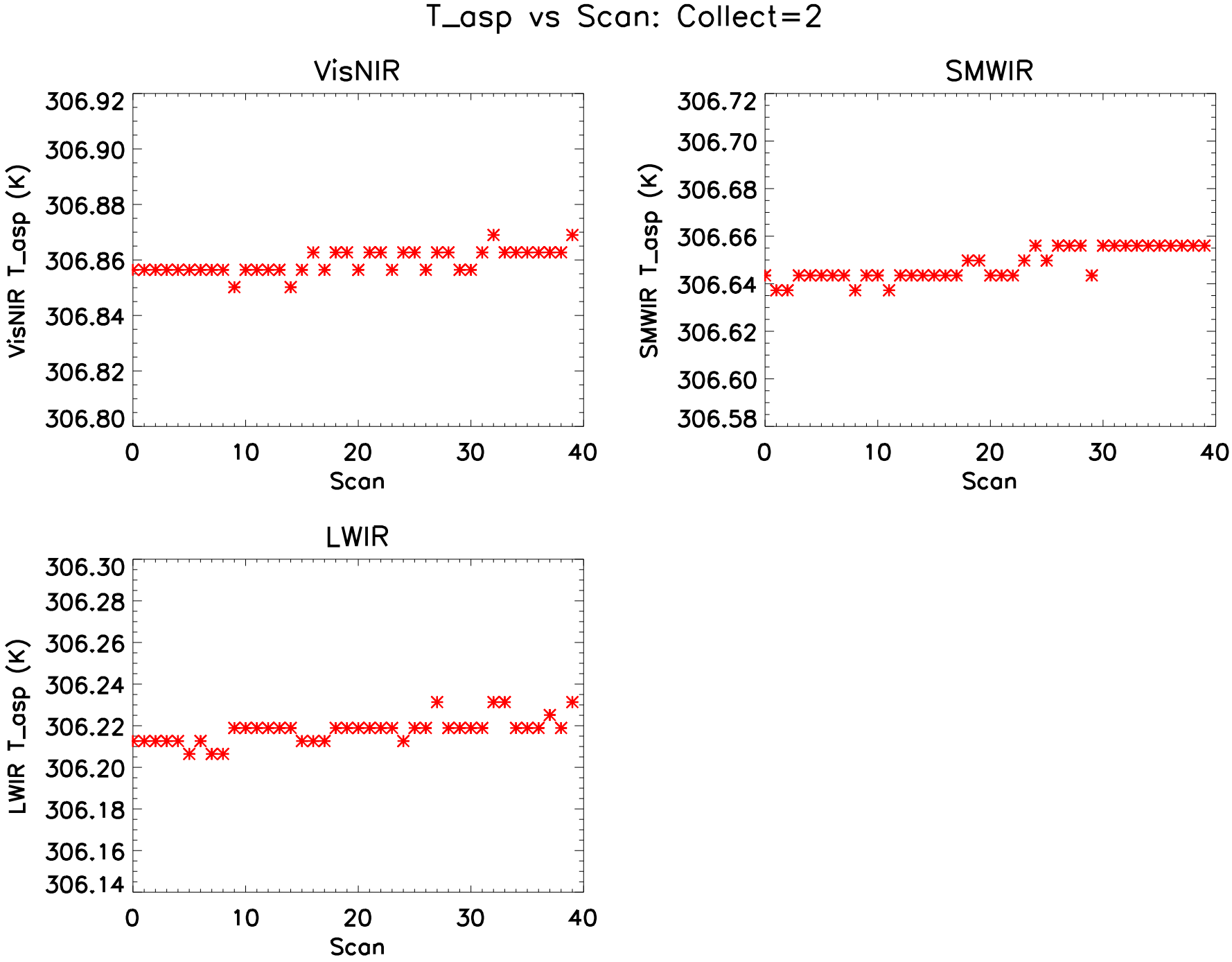


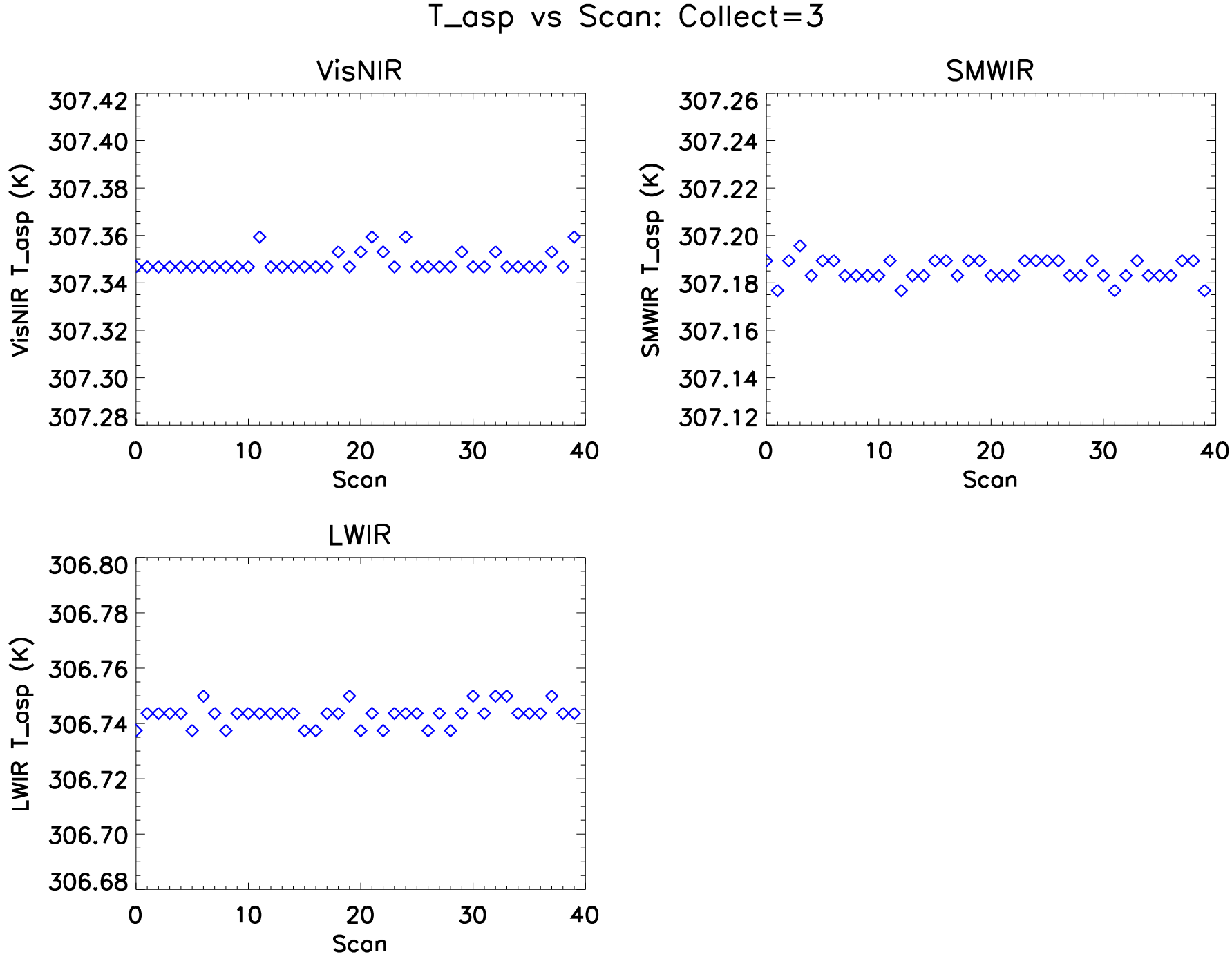


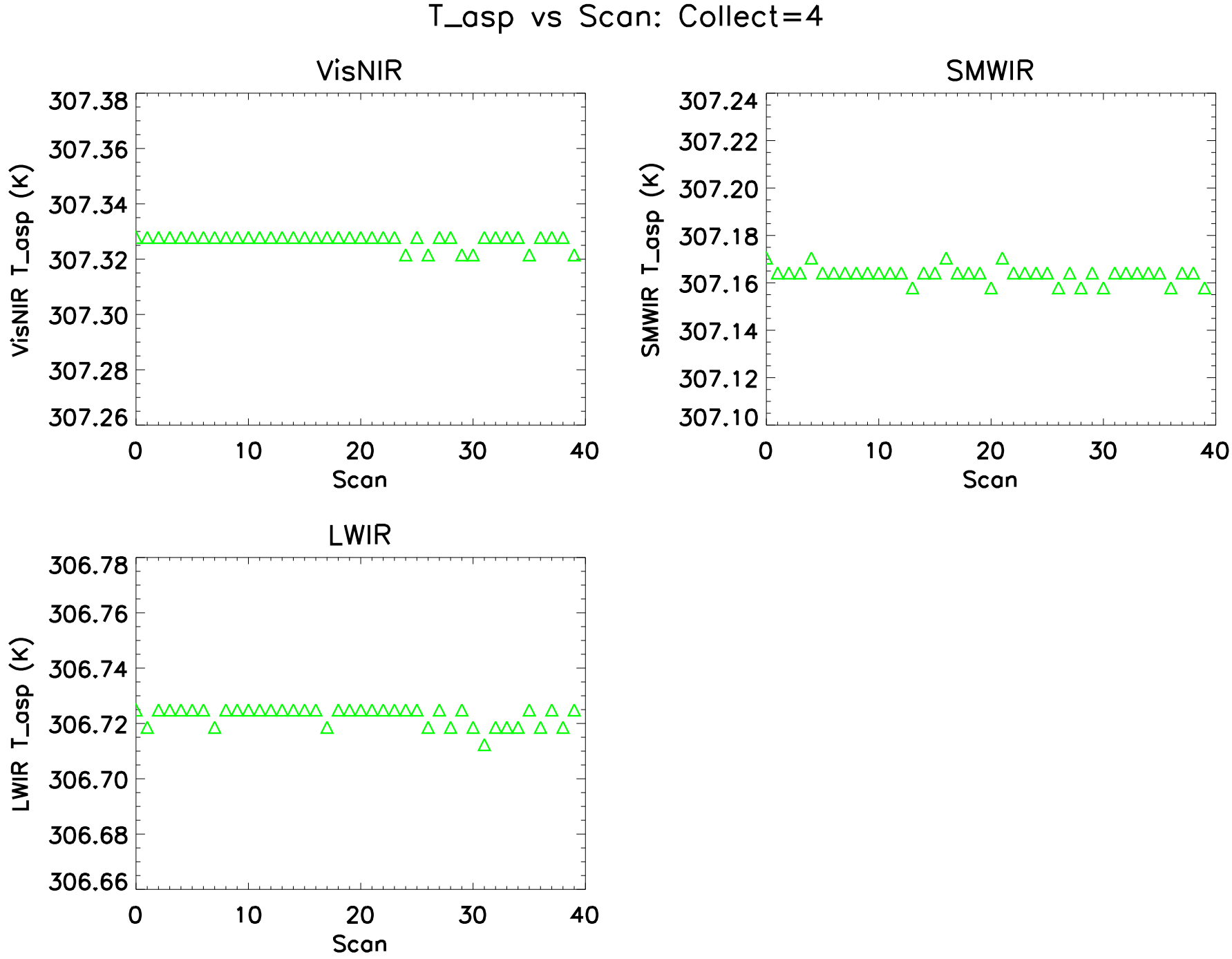


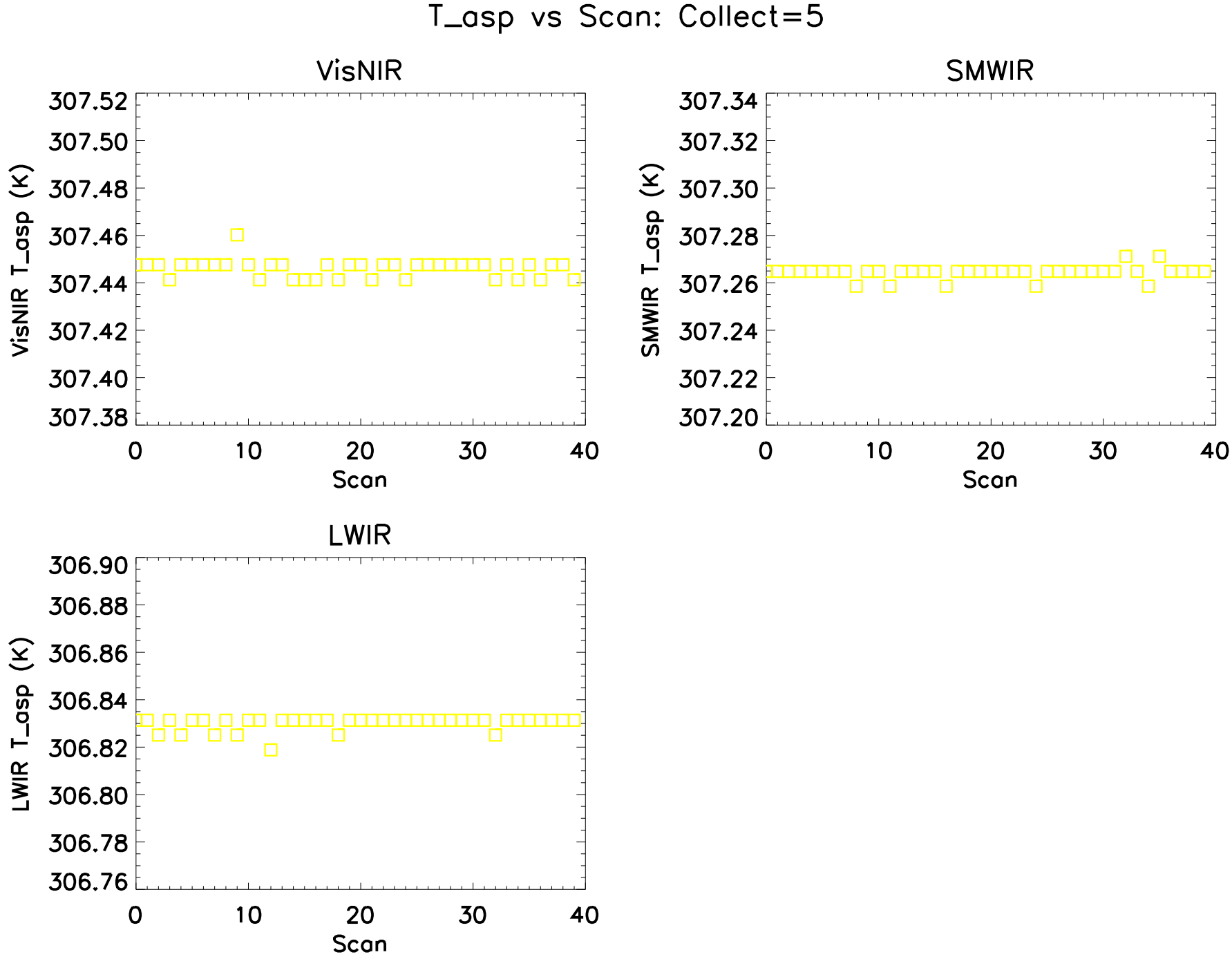


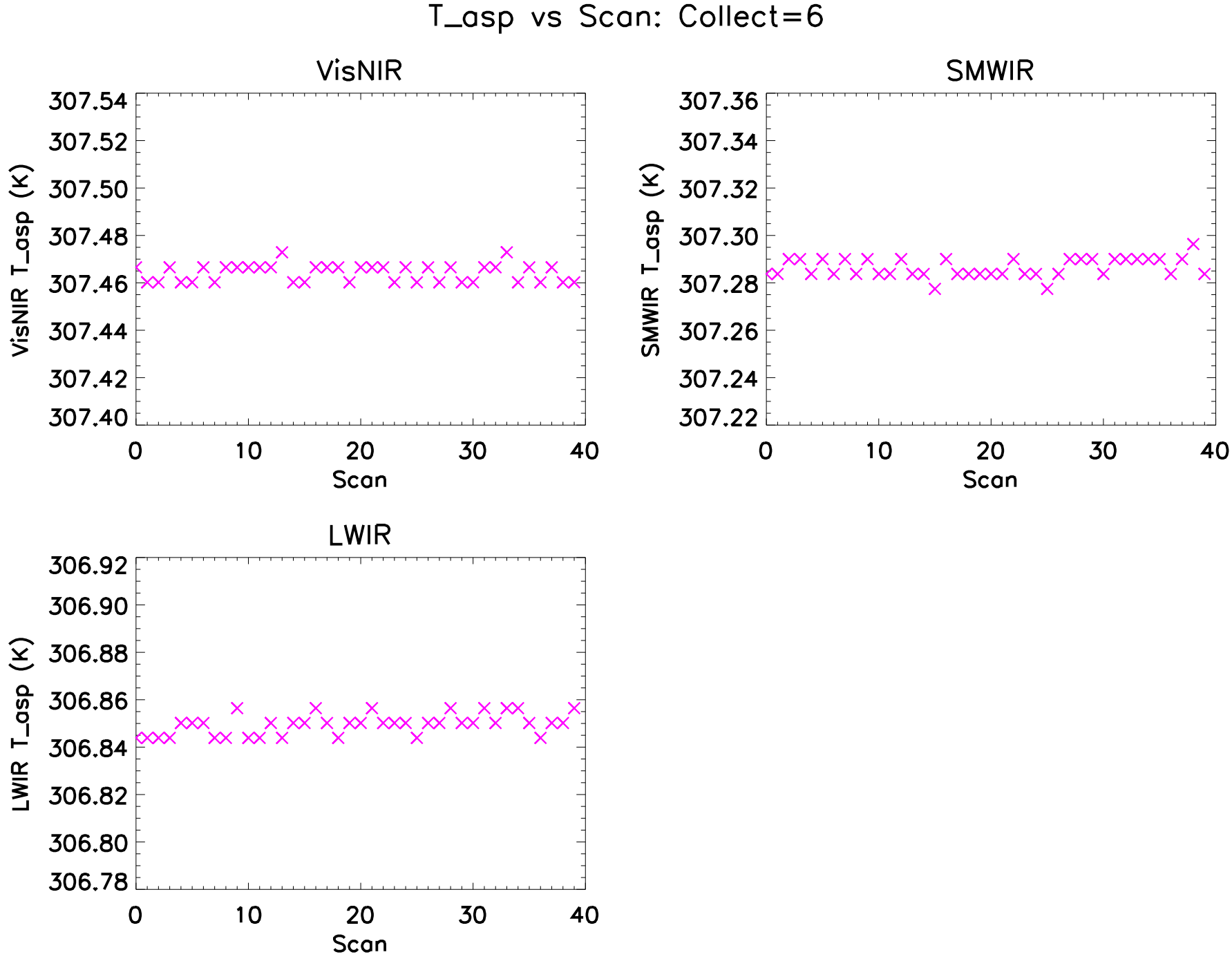

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
306.08
306.06
306.04
306.02
306.00
305.98
305.96
305.94
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
305.88
305.86
305.84
305.82
305.80
305.78
305.76
305.74
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
305.44
305.42
305.40
305.38
305.36
305.34
305.32
305.30
0
10
20
30
40
Scan

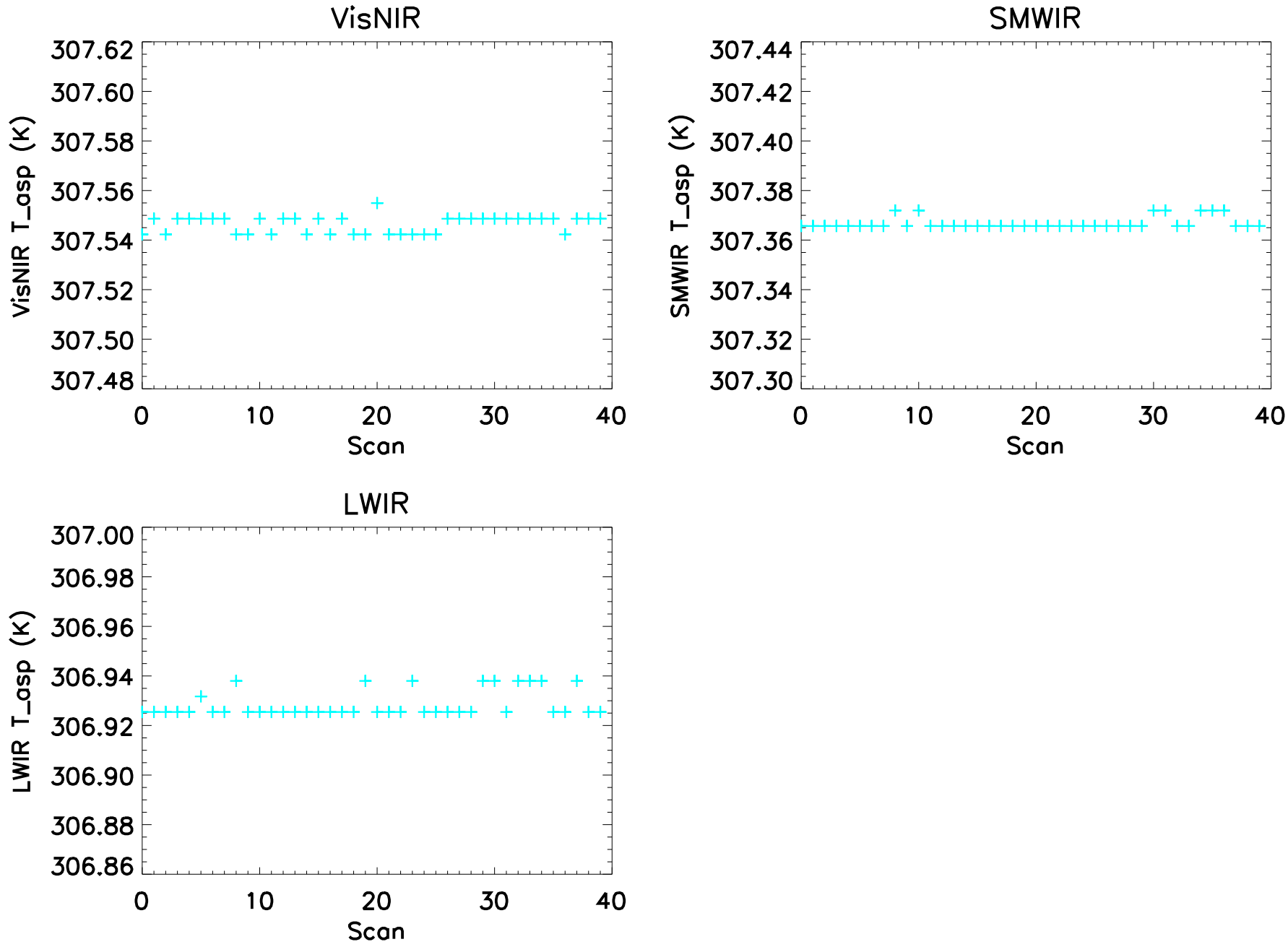

T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
306.92
306.90
306.88
306.86
306.84
306.82
306.80
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.72
306.70
306.68
306.66
306.64
306.62
306.60
306.58
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.30
306.28
306.26
306.24
306.22
306.20
306.18
306.16
306.14
0
10
20
30
40
Scan

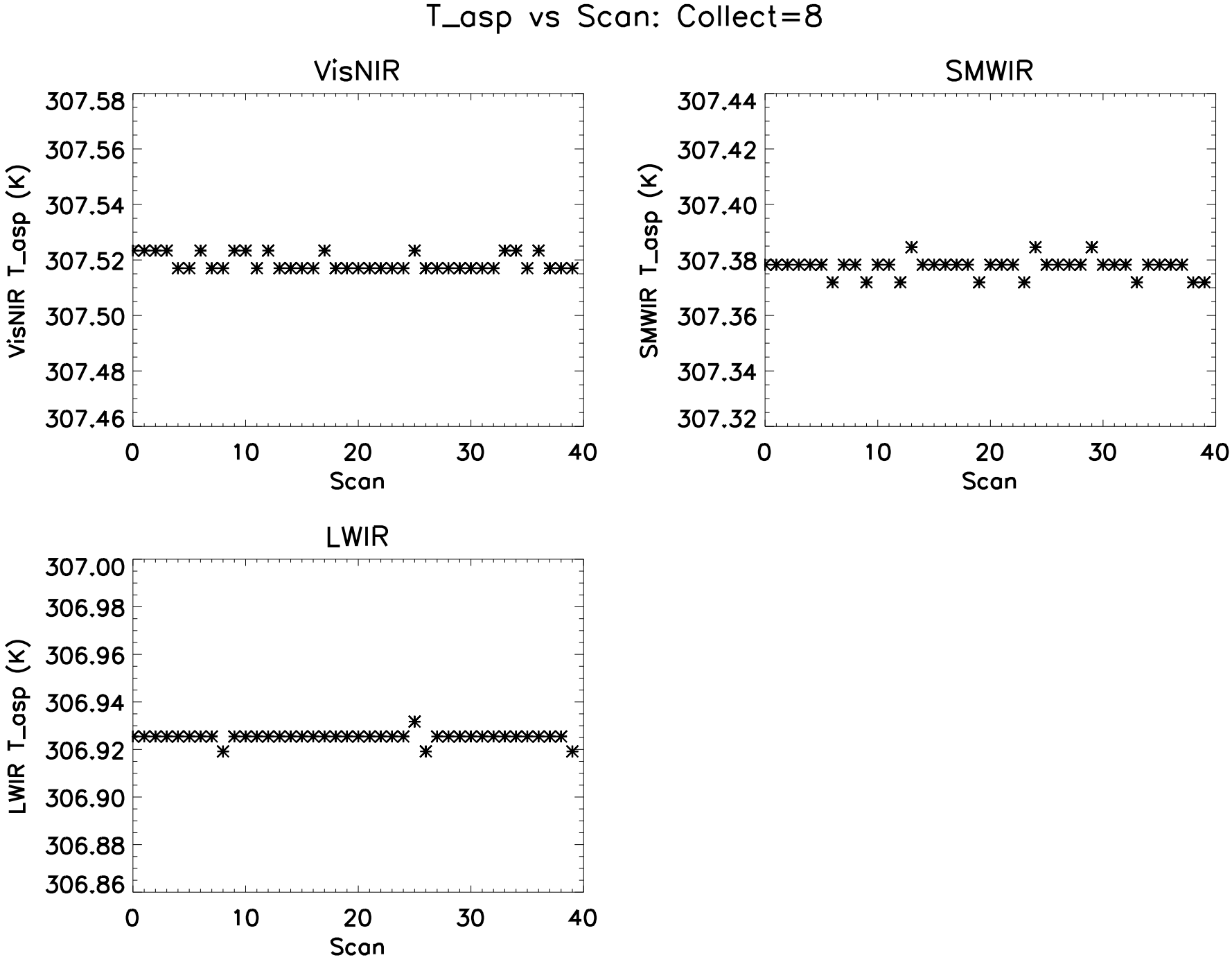

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
307.42
307.40
307.38
307.36
307.34
307.32
307.30
307.28
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.26
307.24
307.22
307.20
307.18
307.16
307.14
307.12
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.80
306.78
306.76
306.74
306.72
306.70
306.68
0
10
20
30
40
Scan

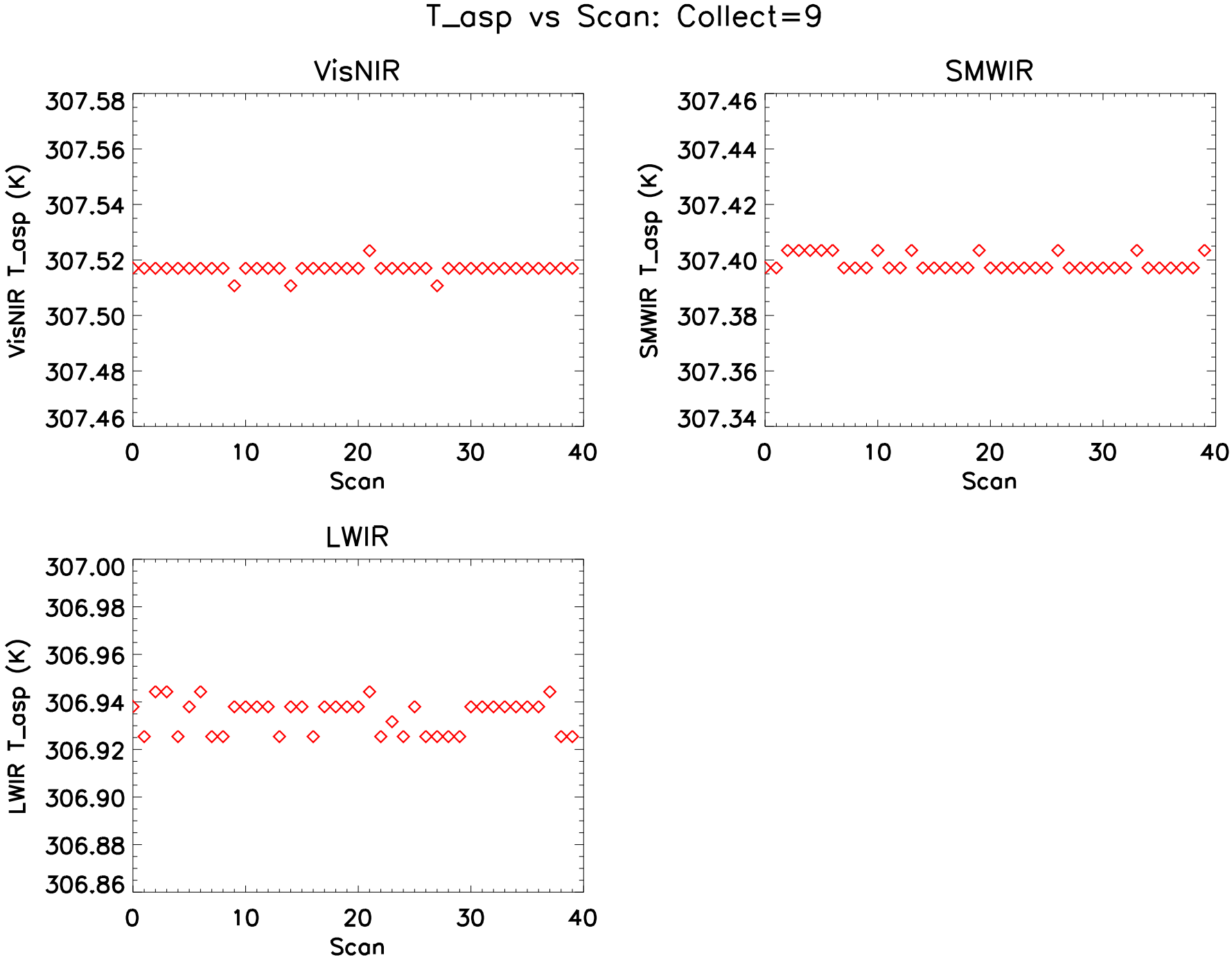

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
307.38
307.36
307.34
307.32
307.30
307.28
307.26
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.24
307.22
307.20
307.18
307.16
307.14
307.12
307.10
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.78
306.76
306.74
306.72
306.70
306.68
306.66
0
10
20
30
40
Scan

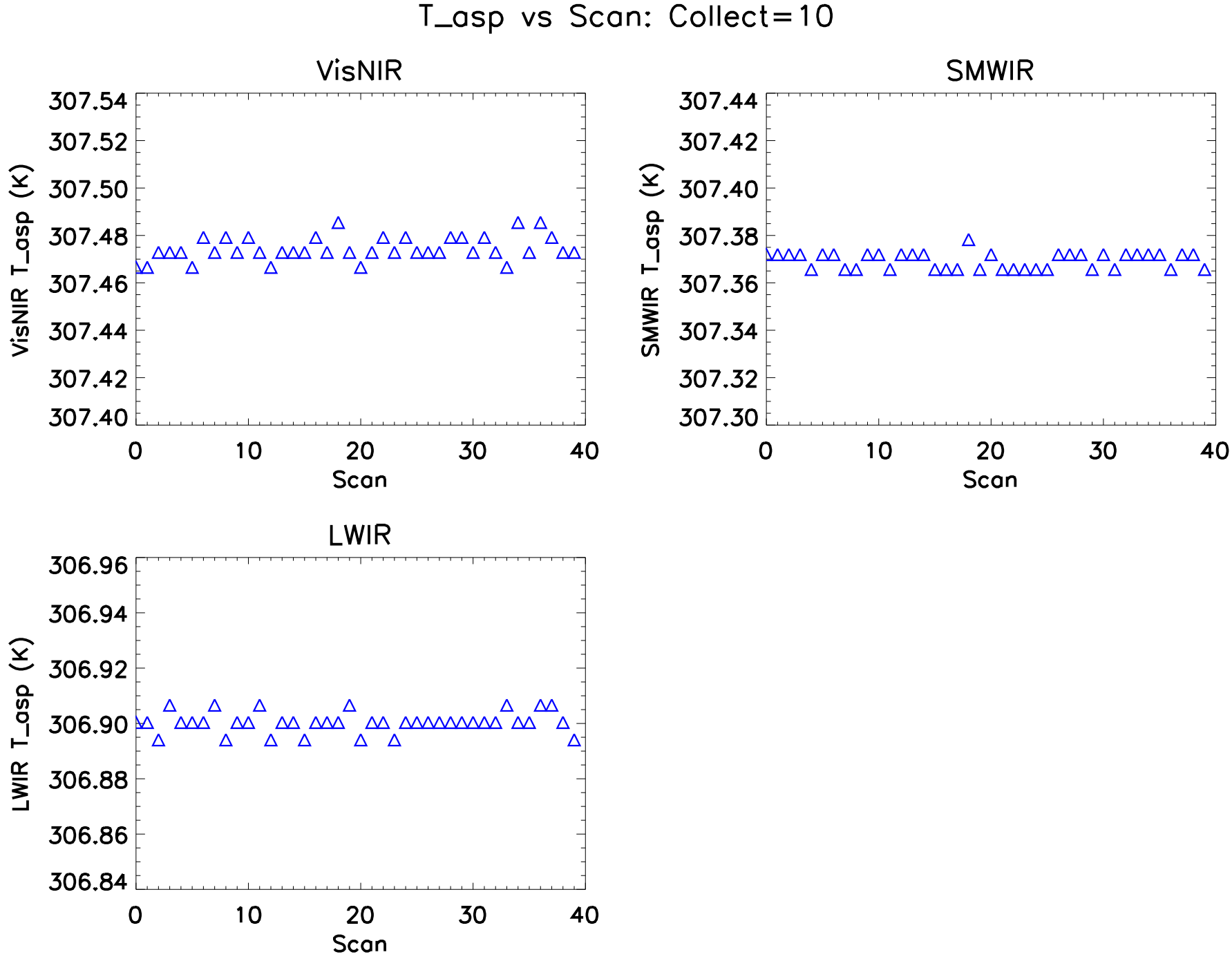

T_asp vs Scan: Collect=5
VisNIR
VisNIR T_asp (K)
307.52
307.50
307.48
307.46
307.44
307.42
307.40
307.38
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.34
307.32
307.30
307.28
307.26
307.24
307.22
307.20
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
306.76
0
10
20
30
40
Scan

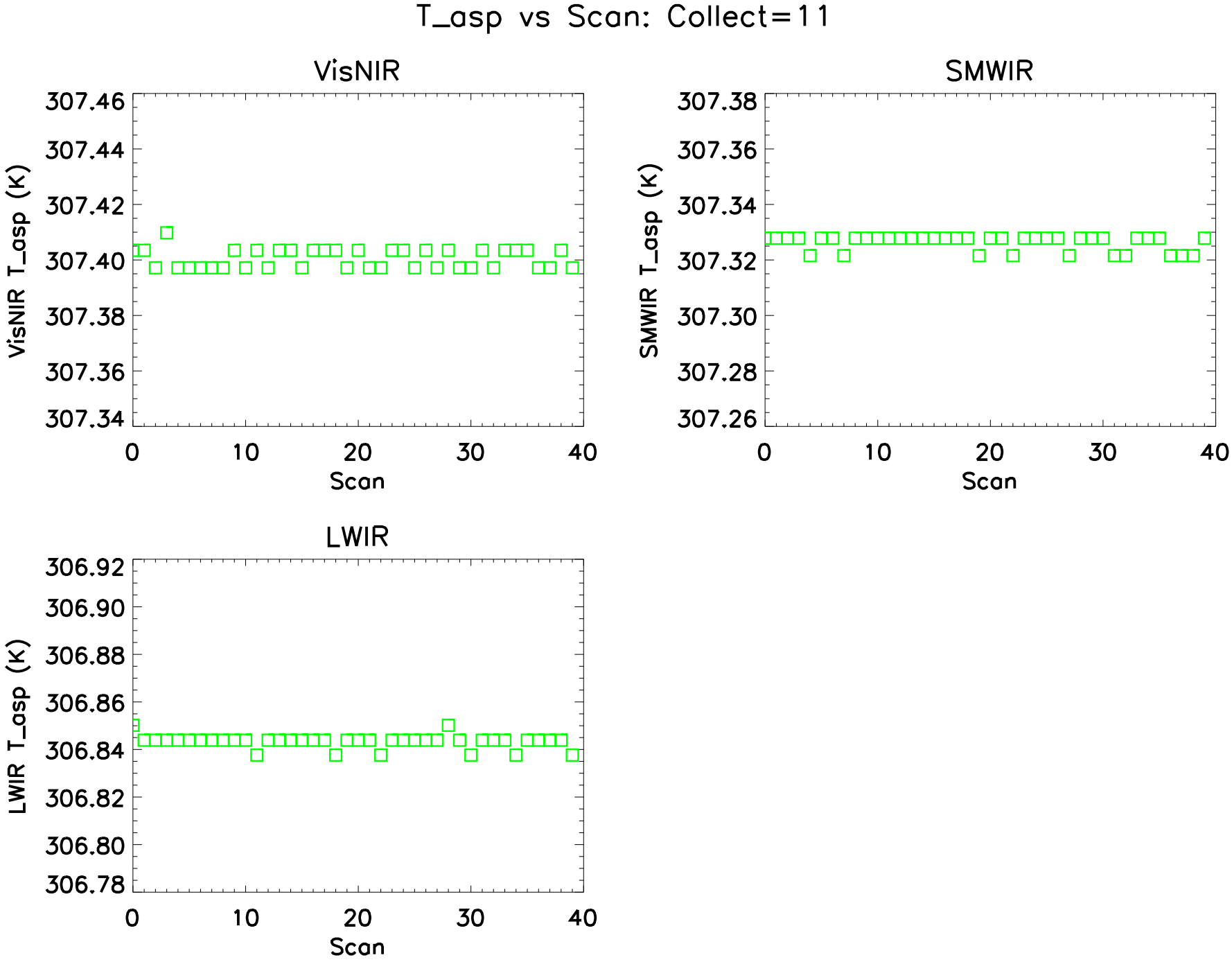

T_asp vs Scan: Collect=6
VisNIR
VisNIR T_asp (K)
307.54
307.52
307.50
307.48
307.46
307.44
307.42
307.40
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.36
307.34
307.32
307.30
307.28
307.26
307.24
307.22
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.92
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
Scan

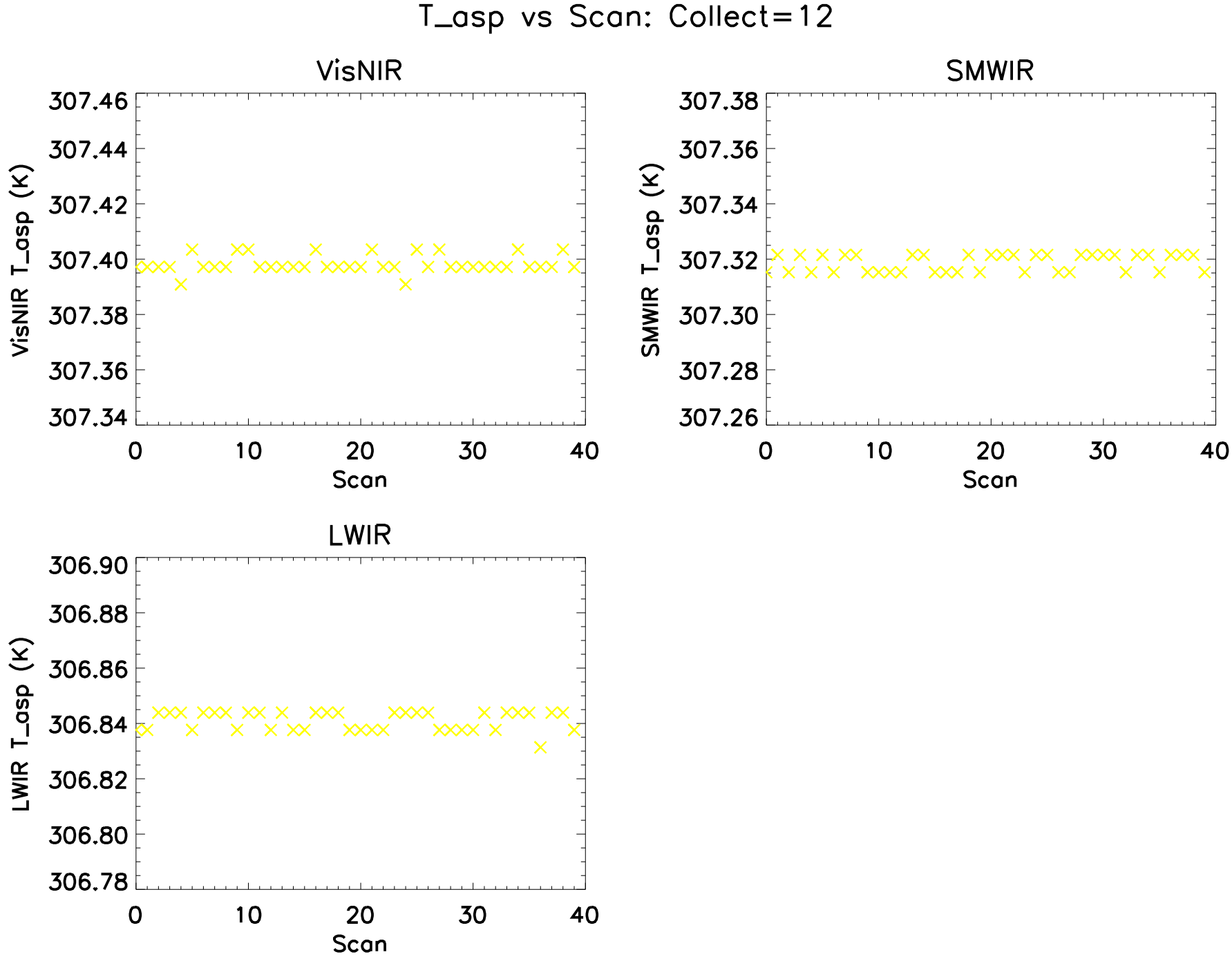

T_asp vs Scan: Collect=7
VisNIR
VisNIR T_asp (K)
307.62
307.60
307.58
307.56
307.54
307.52
307.50
307.48
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.44
307.42
307.40
307.38
307.36
307.34
307.32
307.30
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
307.00
306.98
306.96
306.94
306.92
306.90
306.88
306.86
0
10
20
30
40
Scan

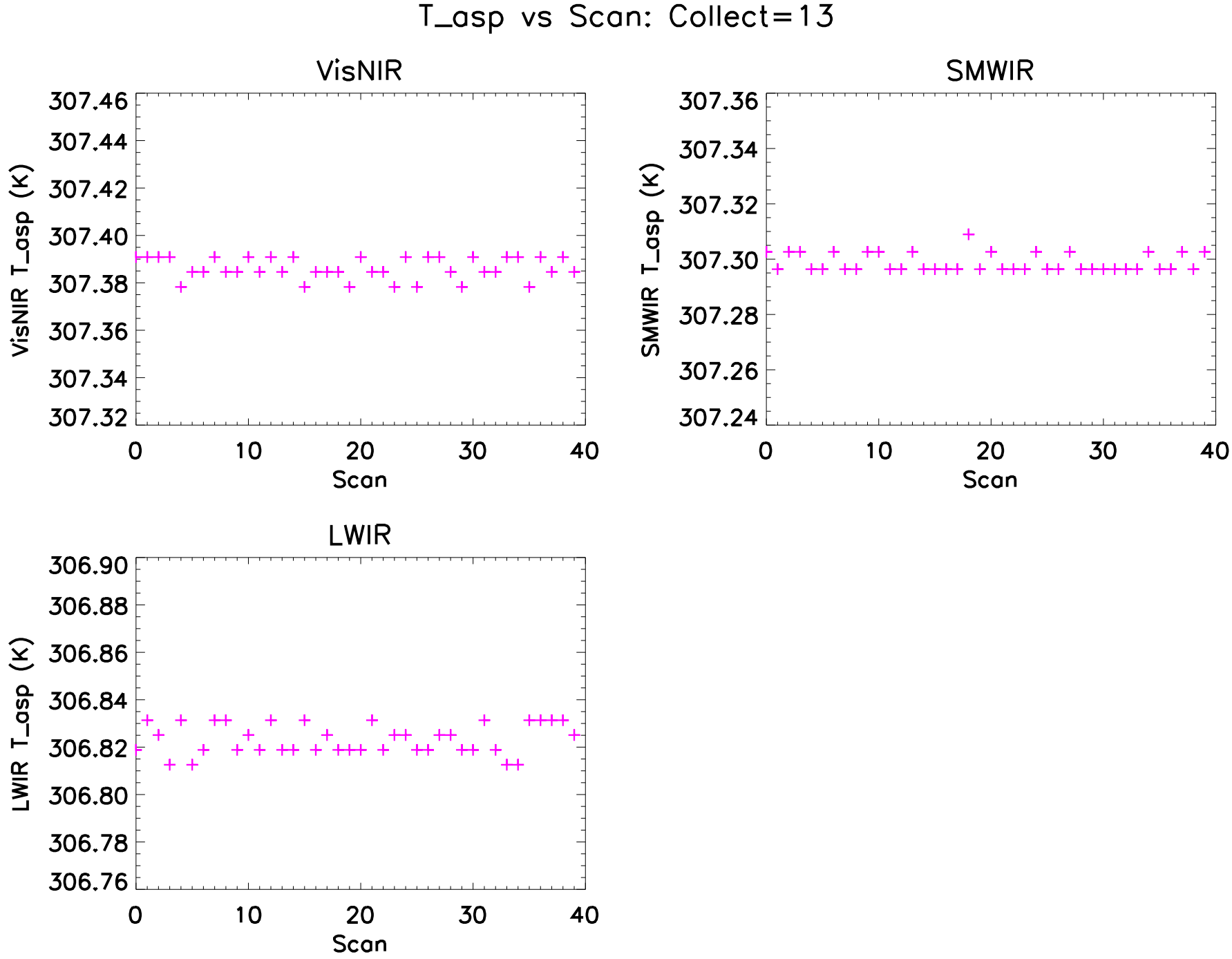

T_asp vs Scan: Collect=8
VisNIR
VisNIR T_asp (K)
307.58
307.56
307.54
307.52
307.50
307.48
307.46
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.44
307.42
307.40
307.38
307.36
307.34
307.32
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
307.00
306.98
306.96
306.94
306.92
306.90
306.88
306.86
0
10
20
30
40
Scan

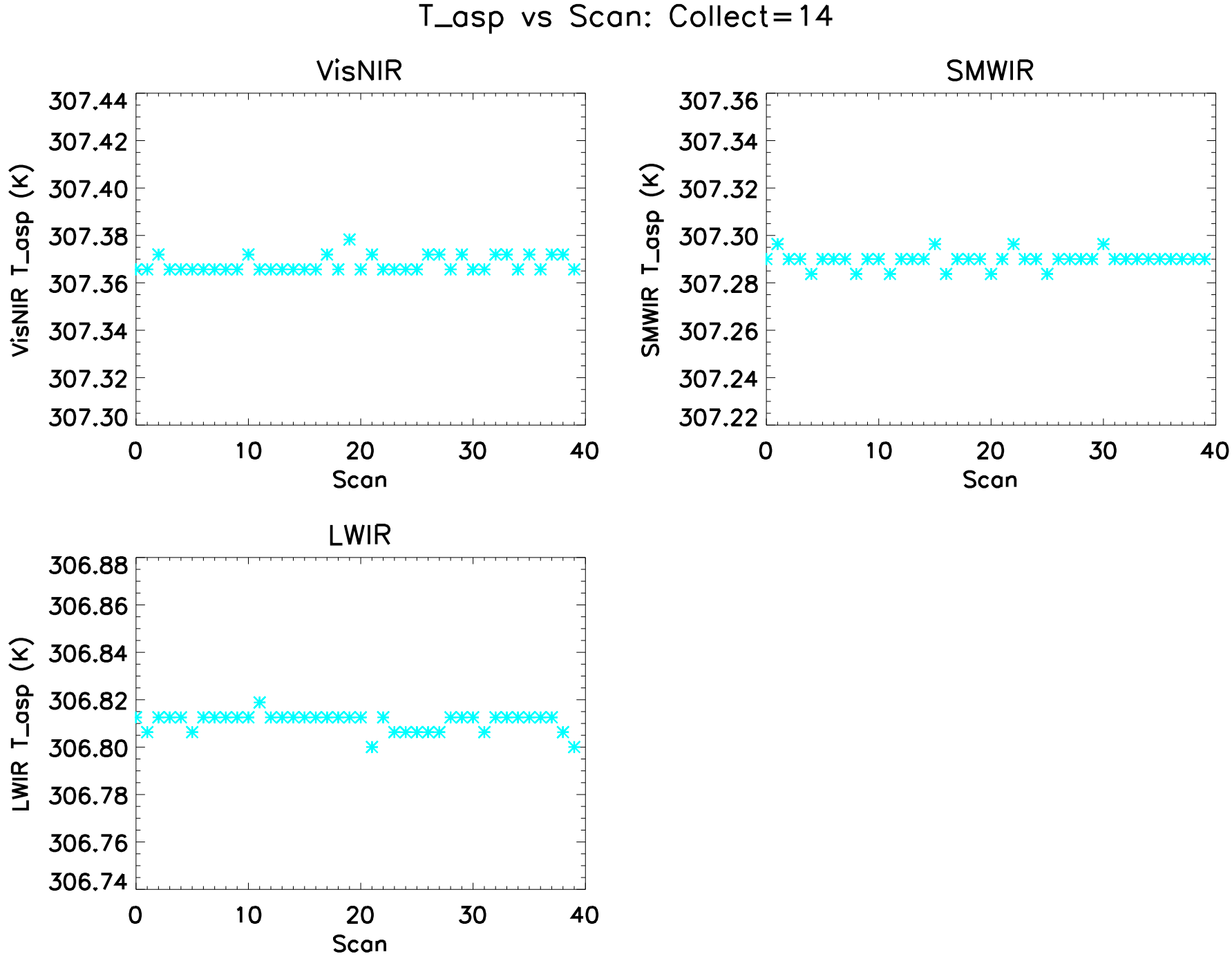

T_asp vs Scan: Collect=9
VisNIR
VisNIR T_asp (K)
307.58
307.56
307.54
307.52
307.50
307.48
307.46
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.46
307.44
307.42
307.40
307.38
307.36
307.34
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
307.00
306.98
306.96
306.94
306.92
306.90
306.88
306.86
0
10
20
30
40
Scan

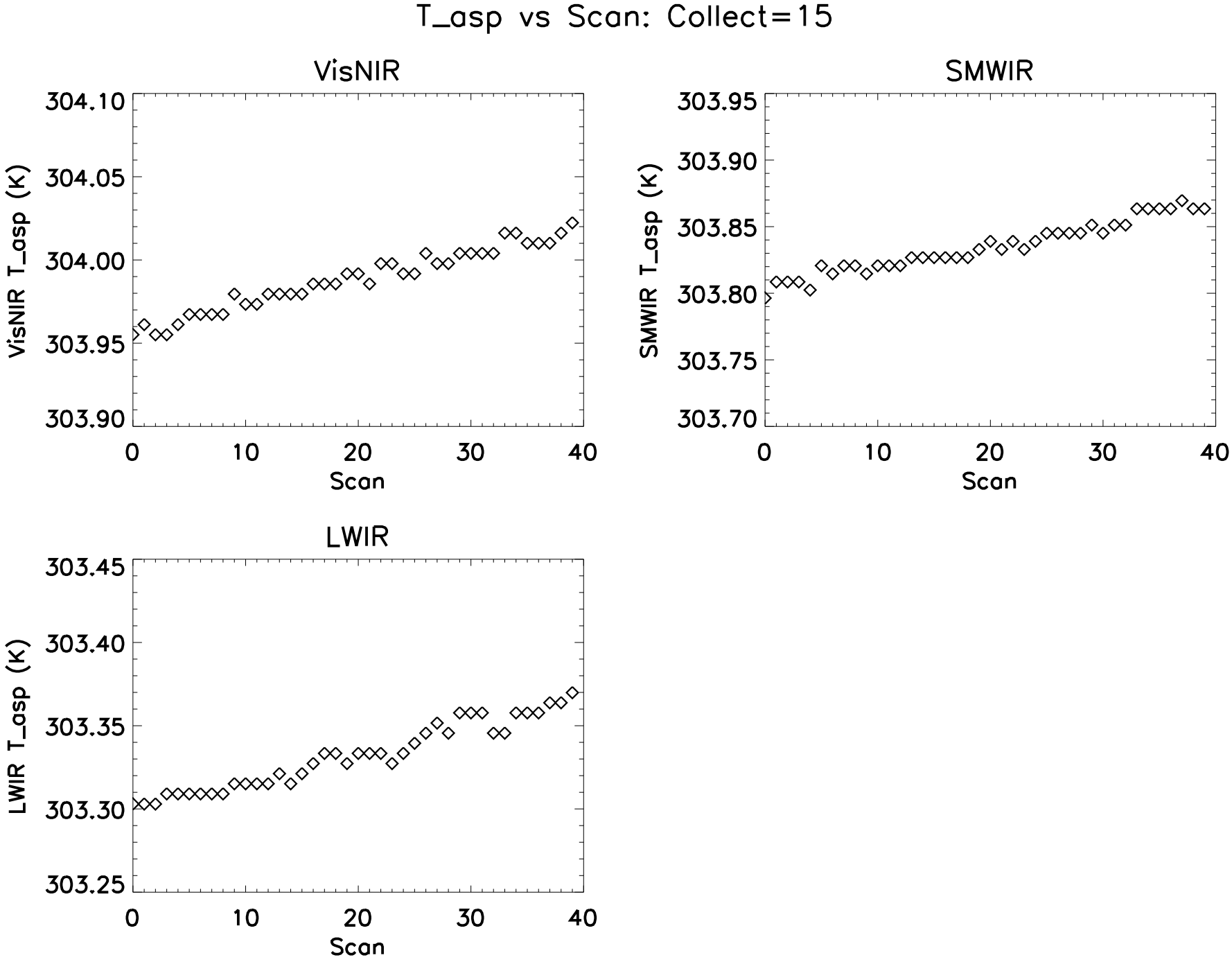

T_asp vs Scan: Collect=10
VisNIR
VisNIR T_asp (K)
307.54
307.52
307.50
307.48
307.46
307.44
307.42
307.40
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.44
307.42
307.40
307.38
307.36
307.34
307.32
307.30
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.96
306.94
306.92
306.90
306.88
306.86
306.84
0
10
20
30
40
Scan

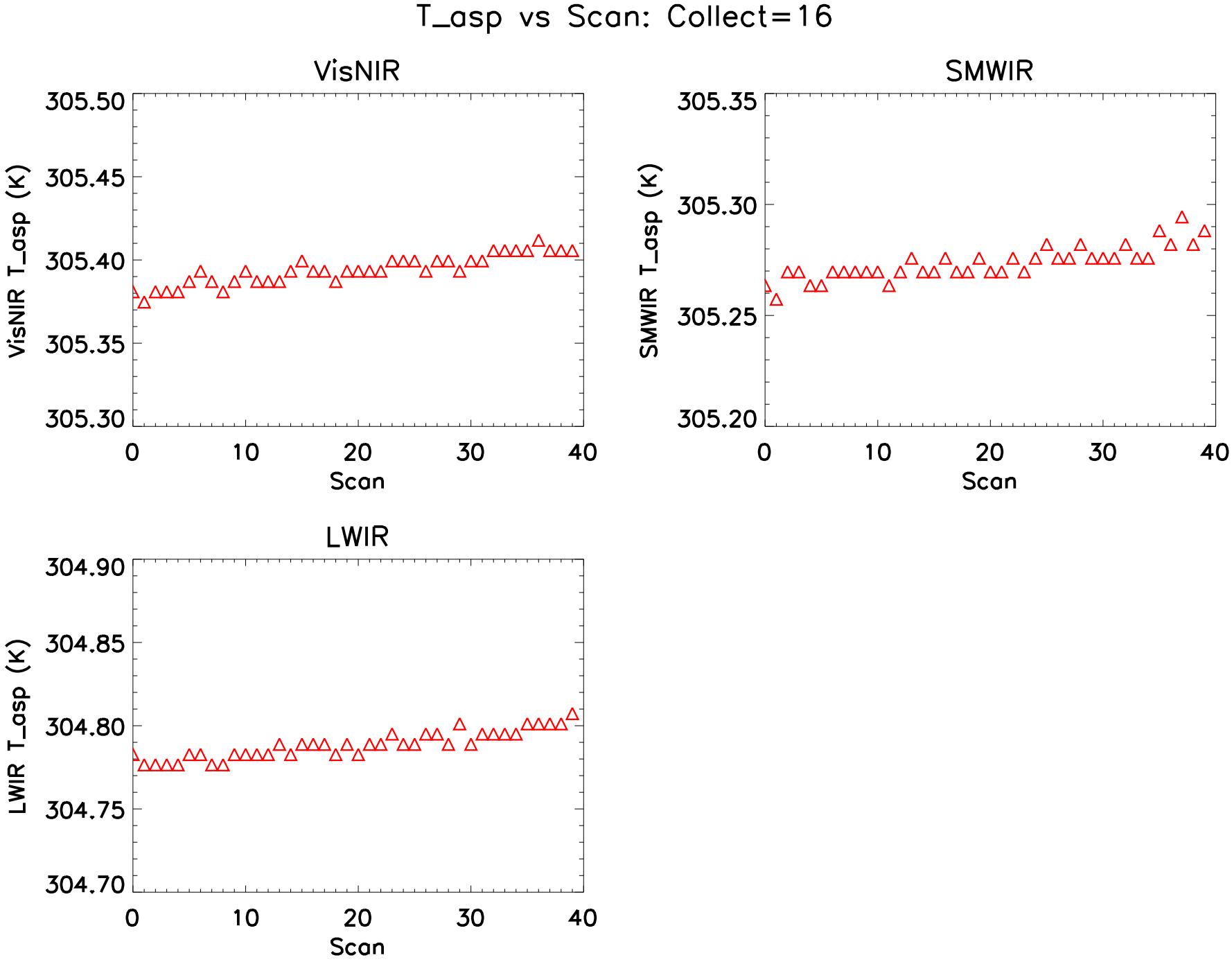

T_asp vs Scan: Collect=11
VisNIR
VisNIR T_asp (K)
307.46
307.44
307.42
307.40
307.38
307.36
307.34
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.38
307.36
307.34
307.32
307.30
307.28
307.26
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.92
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
Scan

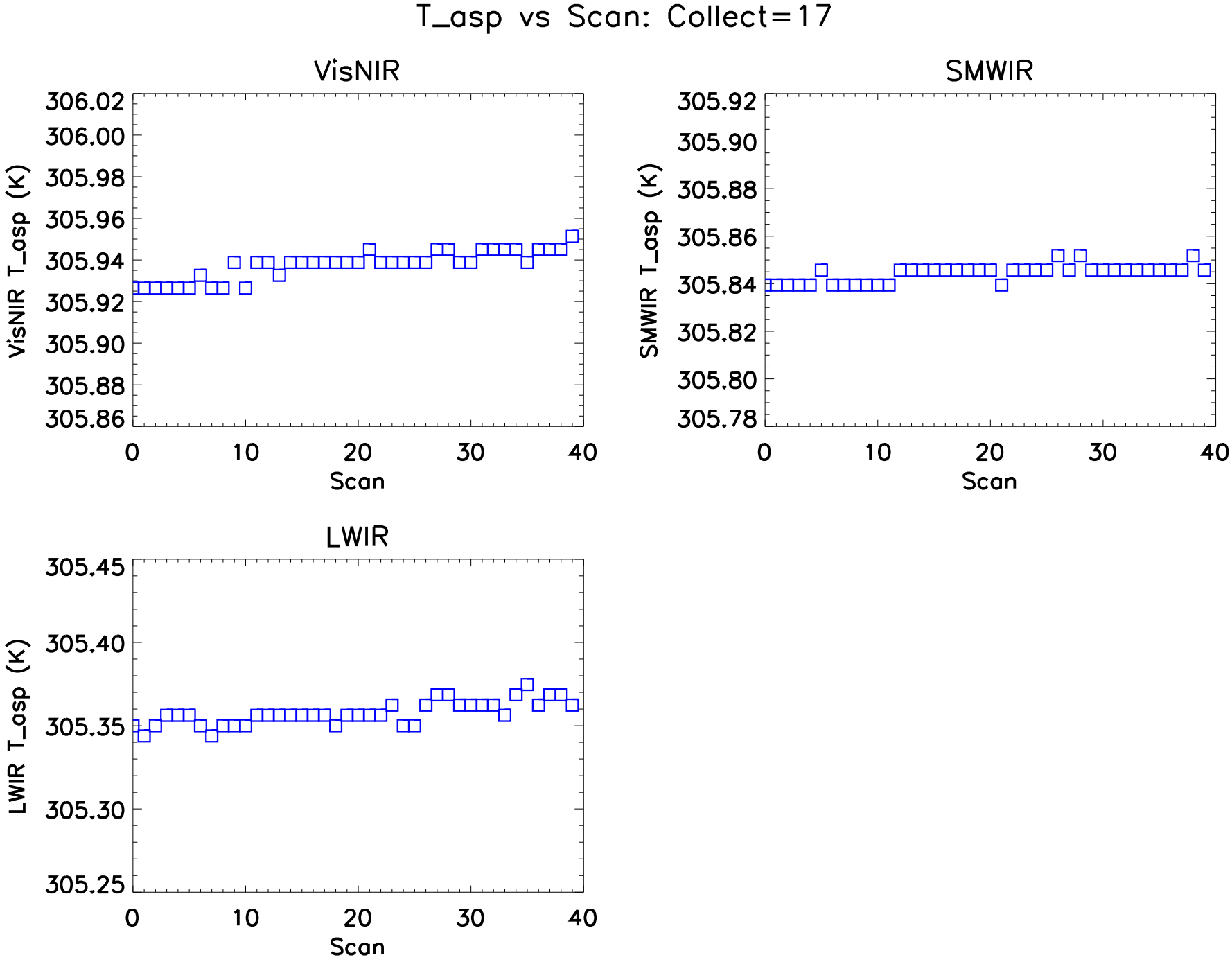

T_asp vs Scan: Collect=12
VisNIR
VisNIR T_asp (K)
307.46
307.44
307.42
307.40
307.38
307.36
307.34
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.38
307.36
307.34
307.32
307.30
307.28
307.26
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
Scan

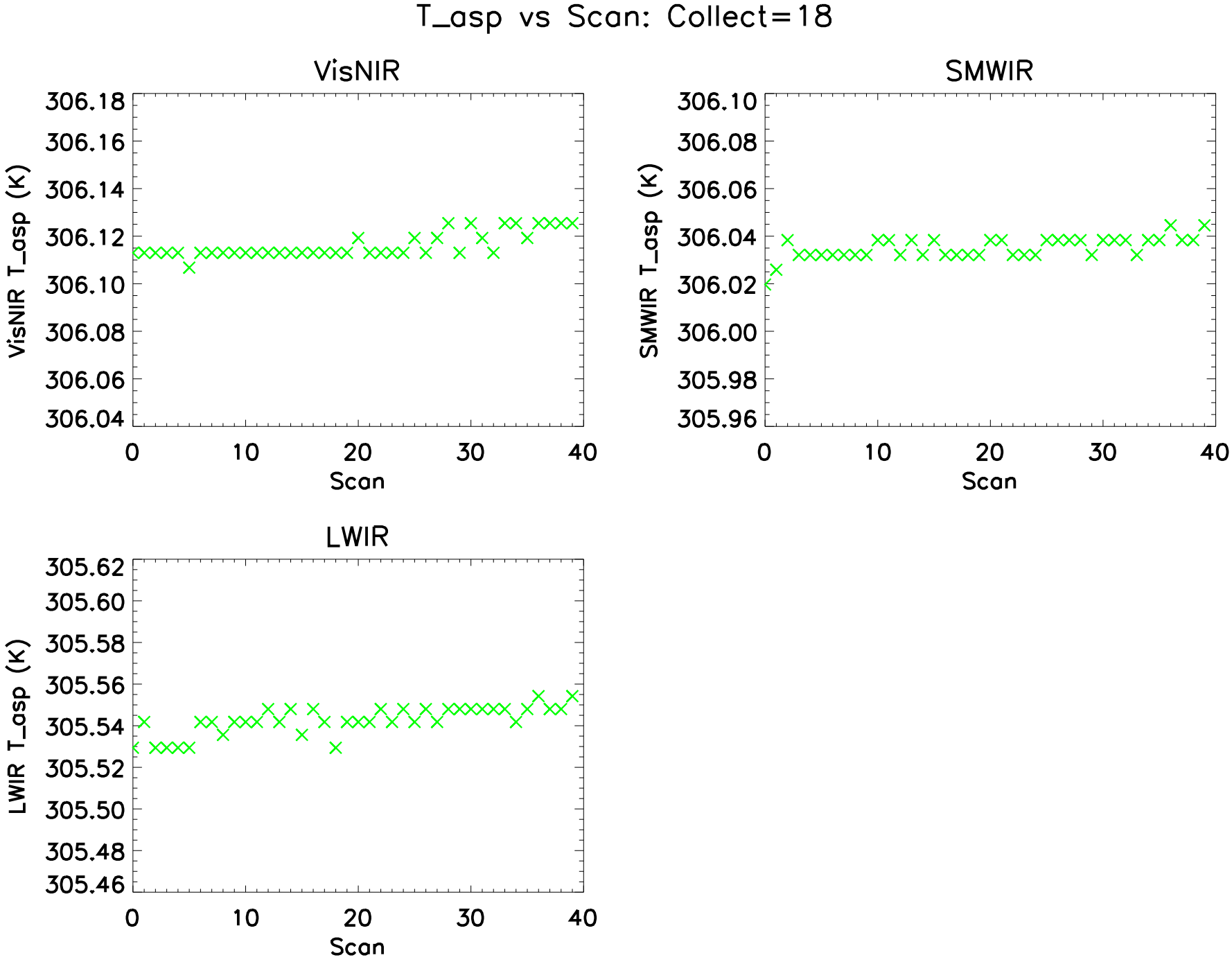

T_asp vs Scan: Collect=13
VisNIR
VisNIR T_asp (K)
307.46
307.44
307.42
307.40
307.38
307.36
307.34
307.32
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.36
307.34
307.32
307.30
307.28
307.26
307.24
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
306.76
0
10
20
30
40
Scan

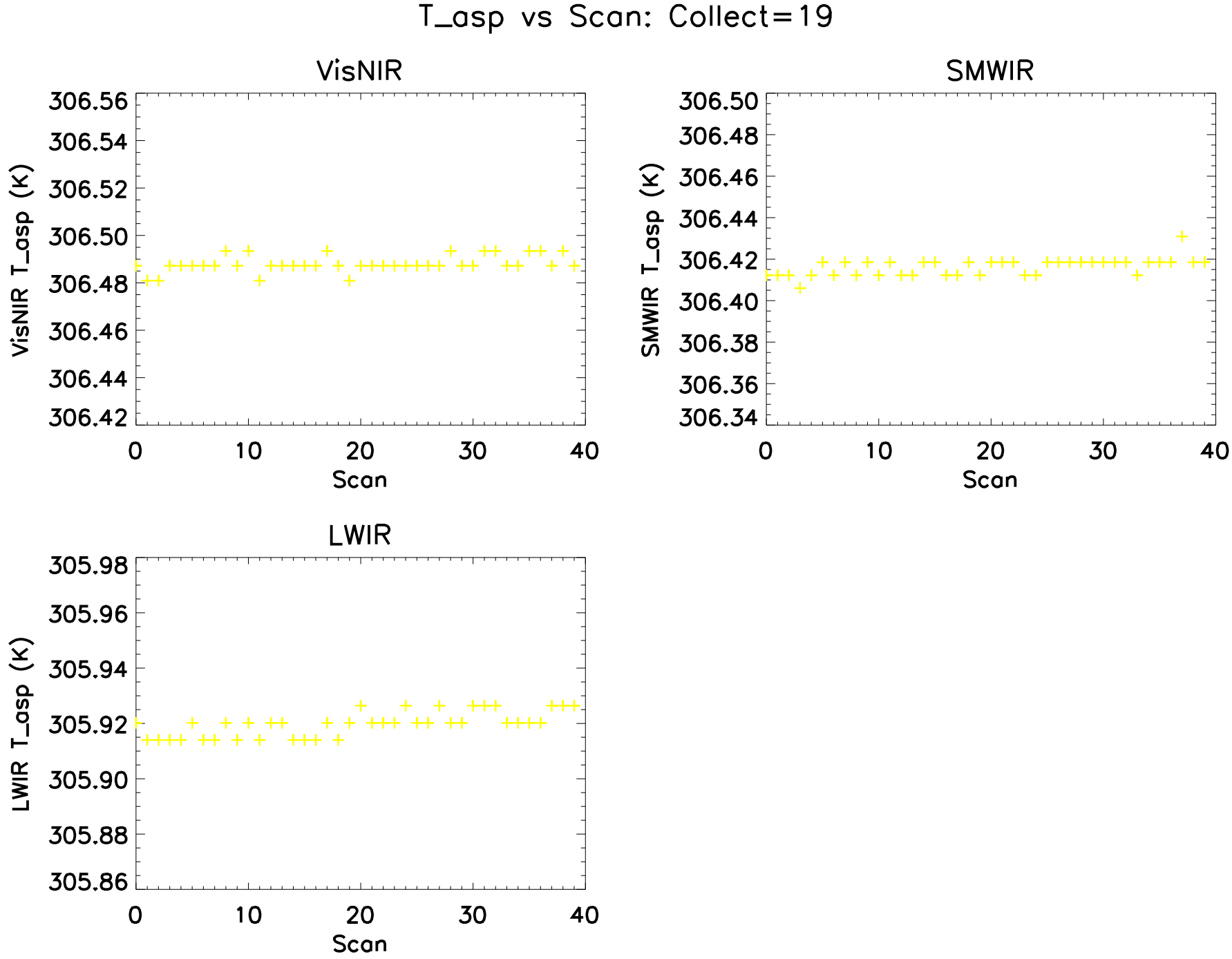

T_asp vs Scan: Collect=14
VisNIR
VisNIR T_asp (K)
307.44
307.42
307.40
307.38
307.36
307.34
307.32
307.30
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
307.36
307.34
307.32
307.30
307.28
307.26
307.24
307.22
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.88
306.86
306.84
306.82
306.80
306.78
306.76
306.74
0
10
20
30
40
Scan

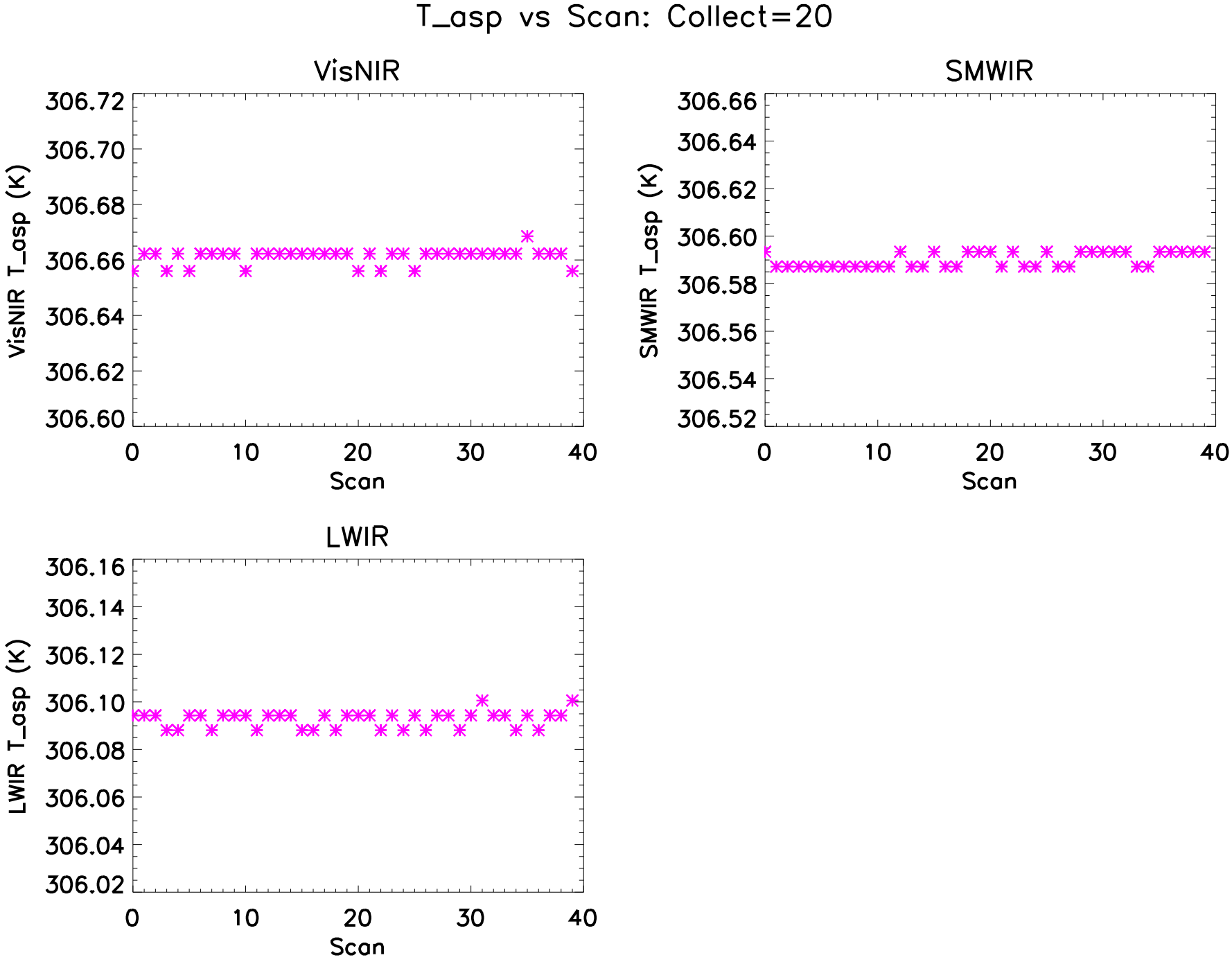

T_asp vs Scan: Collect=15
VisNIR
VisNIR T_asp (K)
304.10
304.05
304.00
303.95
303.90
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
303.95
303.90
303.85
303.80
303.75
303.70
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
303.45
303.40
303.35
303.30
303.25
0
10
20
30
40
Scan

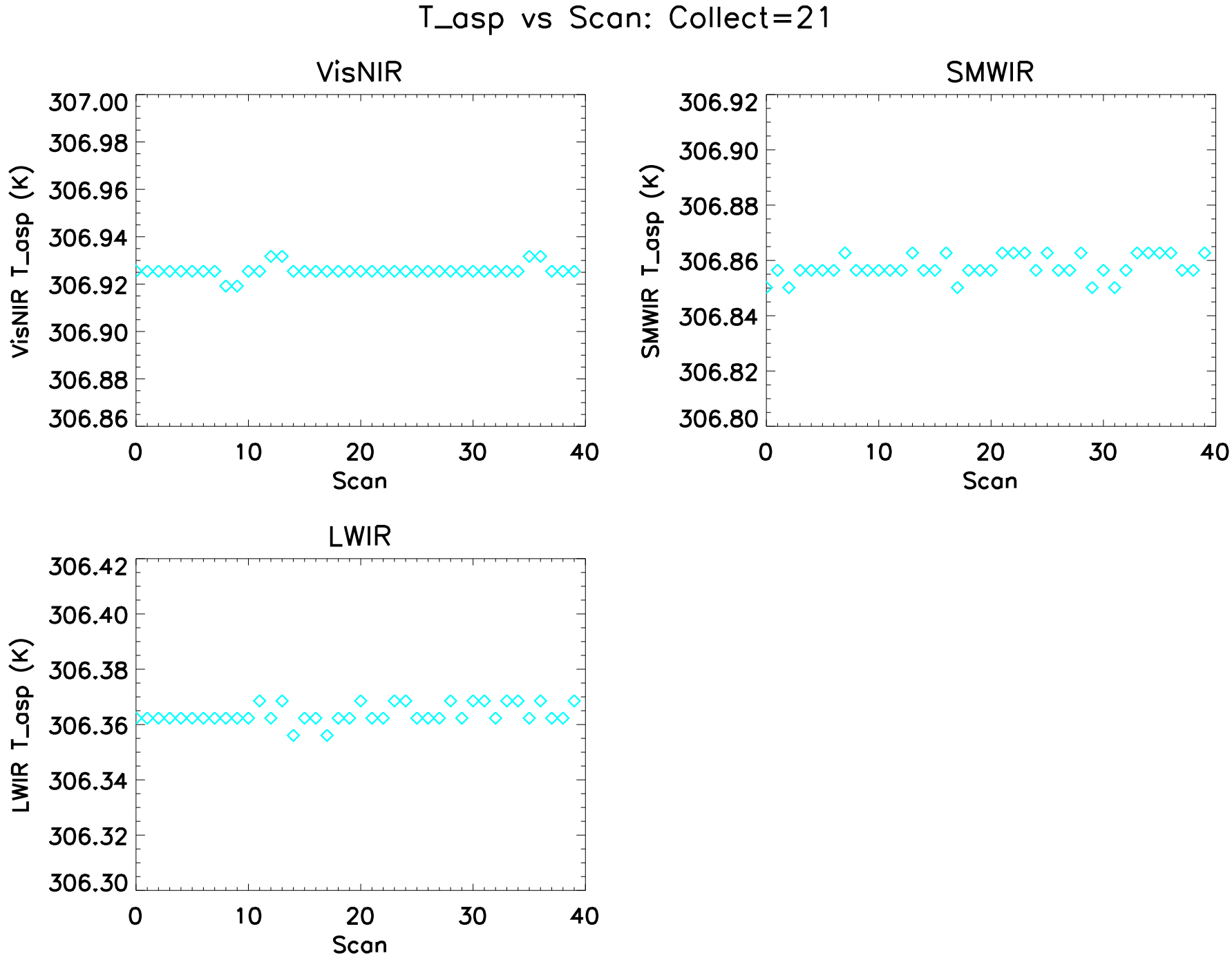

T_asp vs Scan: Collect=16
VisNIR
VisNIR T_asp (K)
305.50
305.45
305.40
305.35
305.30
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
305.35
305.30
305.25
305.20
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
304.90
304.85
304.80
304.75
304.70
0
10
20
30
40
Scan

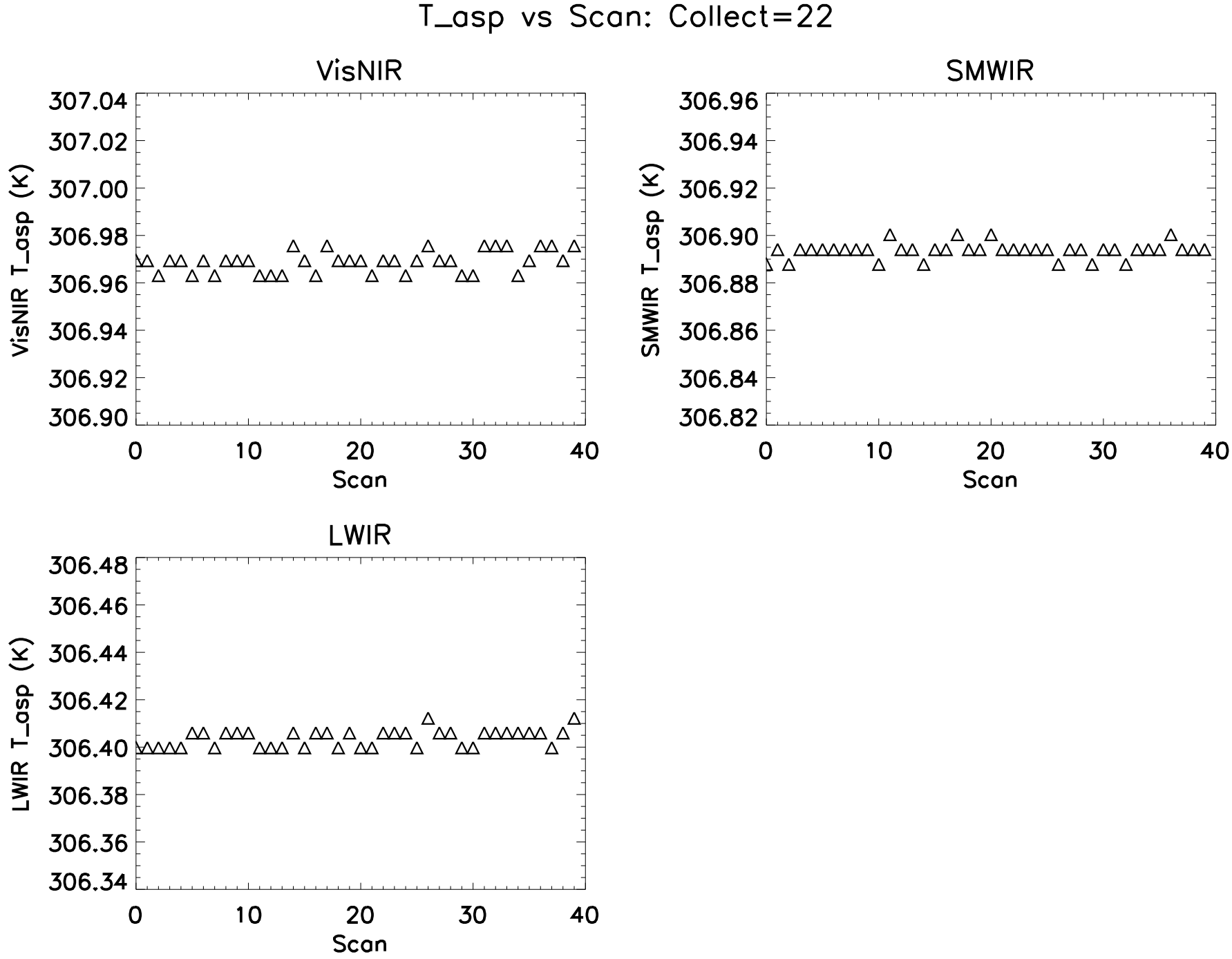

T_asp vs Scan: Collect=17
VisNIR
VisNIR T_asp (K)
306.02
306.00
305.98
305.96
305.94
305.92
305.90
305.88
305.86
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
305.92
305.90
305.88
305.86
305.84
305.82
305.80
305.78
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
305.45
305.40
305.35
305.30
305.25
0
10
20
30
40
Scan

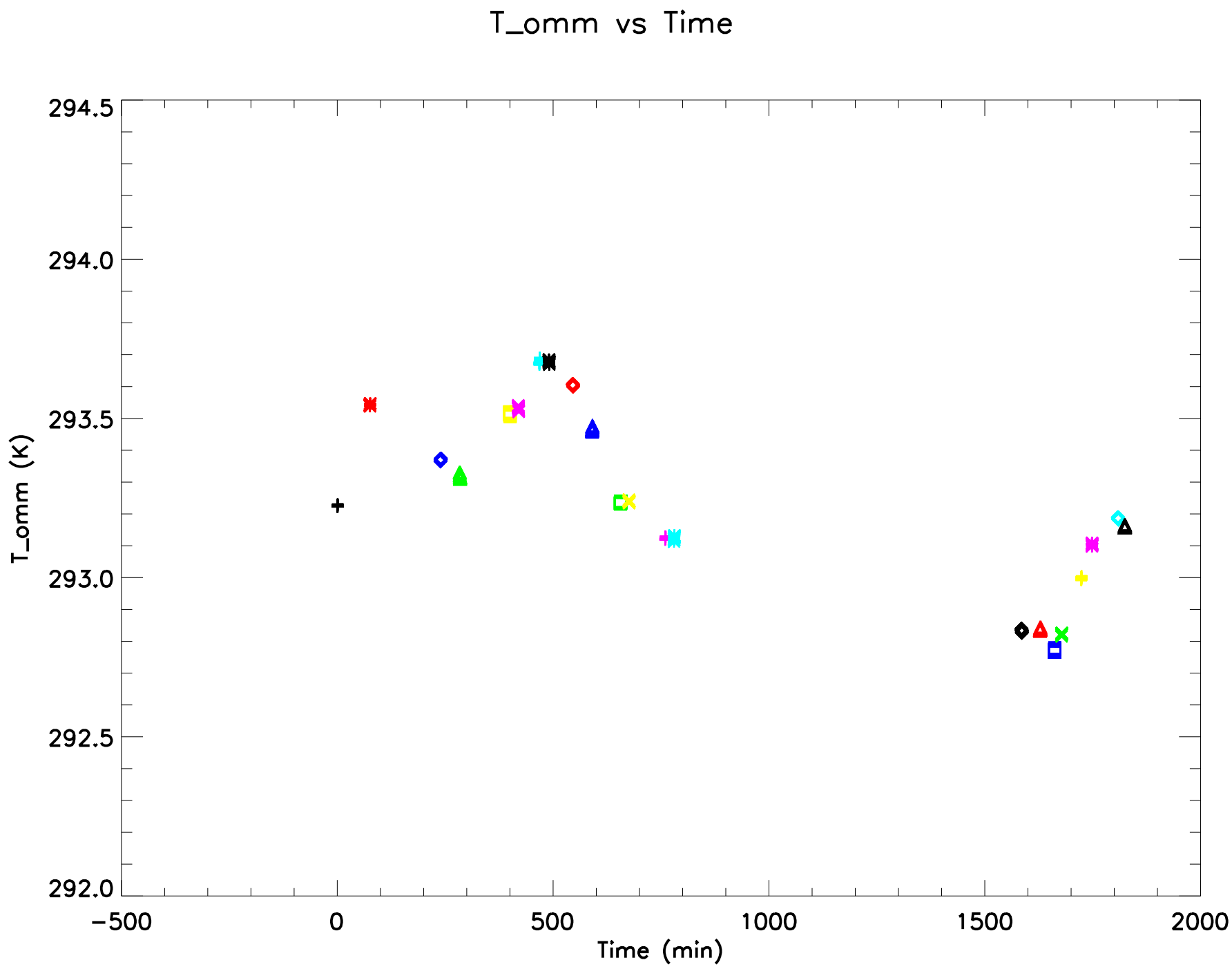

T_asp vs Scan: Collect=18
VisNIR
VisNIR T_asp (K)
306.18
306.16
306.14
306.12
306.10
306.08
306.06
306.04
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.10
306.08
306.06
306.04
306.02
306.00
305.98
305.96
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
305.62
305.60
305.58
305.56
305.54
305.52
305.50
305.48
305.46
0
10
20
30
40
Scan


T_asp vs Scan: Collect=19
VisNIR
VisNIR T_asp (K)
306.56
306.54
306.52
306.50
306.48
306.46
306.44
306.42
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.50
306.48
306.46
306.44
306.42
306.40
306.38
306.36
306.34
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
305.98
305.96
305.94
305.92
305.90
305.88
305.86
0
10
20
30
40
Scan

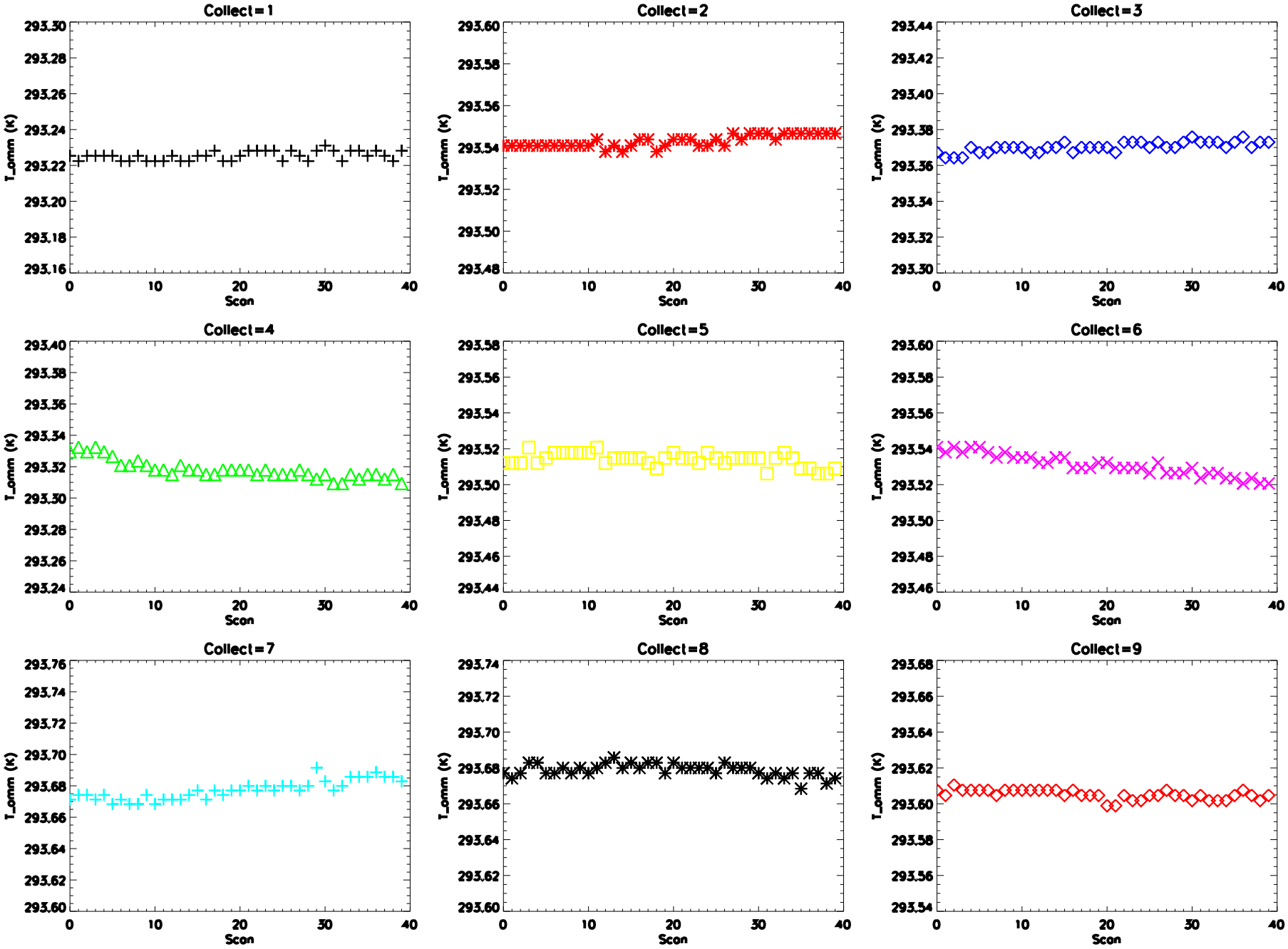

T_asp vs Scan: Collect=20
VisNIR
VisNIR T_asp (K)
306.72
306.70
306.68
306.66
306.64
306.62
306.60
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.66
306.64
306.62
306.60
306.58
306.56
306.54
306.52
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.16
306.14
306.12
306.10
306.08
306.06
306.04
306.02
0
10
20
30
40
Scan


T_asp vs Scan: Collect=21
VisNIR
VisNIR T_asp (K)
307.00
306.98
306.96
306.94
306.92
306.90
306.88
306.86
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.92
306.90
306.88
306.86
306.84
306.82
306.80
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.42
306.40
306.38
306.36
306.34
306.32
306.30
0
10
20
30
40
Scan

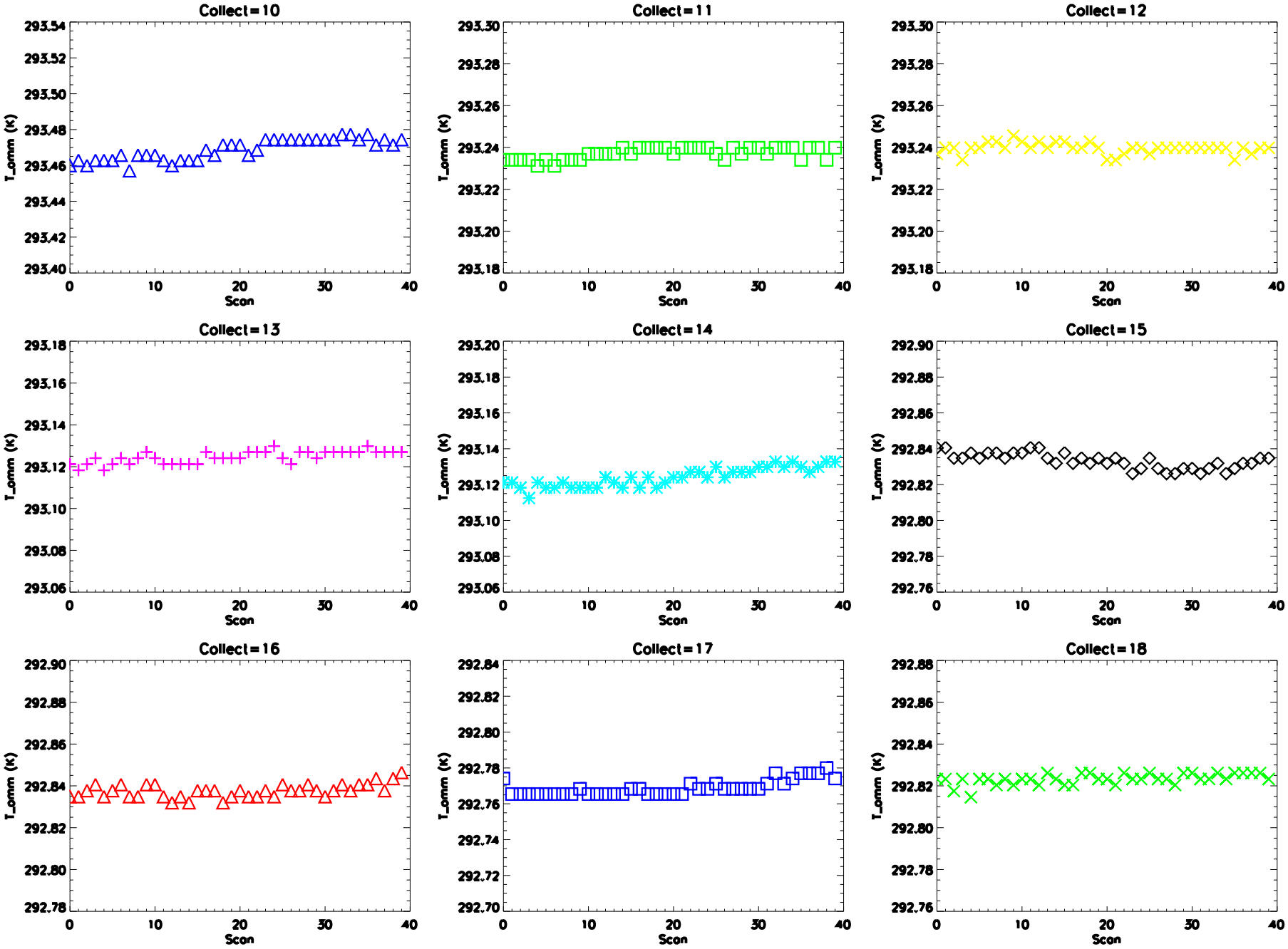

T_asp vs Scan: Collect=22
VisNIR
VisNIR T_asp (K)
307.04
307.02
307.00
306.98
306.96
306.94
306.92
306.90
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
306.96
306.94
306.92
306.90
306.88
306.86
306.84
306.82
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
306.48
306.46
306.44
306.42
306.40
306.38
306.36
306.34
0
10
20
30
40
Scan


T_omm vs Time
T_omm (K)
294.5
294.0
293.5
293.0
292.5
292.0
−500
0
500
1000
1500
2000
Time (min)

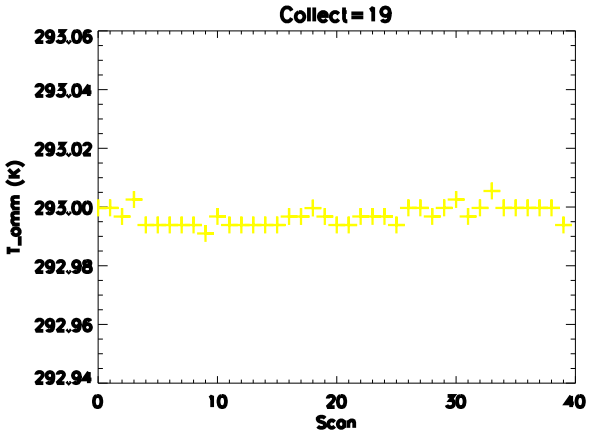
T_omm vs Scan

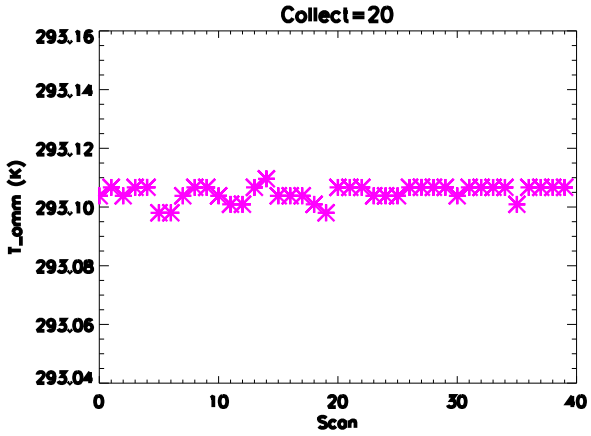

Collect=1
293.30
293.28
293.26
293.24
293.22
293.20
293.18
293.16
T_omm (K)
0
10
20
30
40
Scan
Collect=2
293.60
293.58
293.56
293.54
293.52
293.50
293.48
T_omm (K)
0
10
20
30
40
Scan
Collect=3
293.44
293.42
293.40
293.38
293.36
293.34
293.32
293.30
T_omm (K)
0
10
20
30
40
Scan
Collect=4
293.40
293.38
293.36
293.34
293.32
293.30
293.28
293.26
293.24
T_omm (K)
0
10
20
30
40
Scan
Collect=5
293.58
293.56
293.54
293.52
293.50
293.48
293.46
293.44
T_omm (K)
0
10
20
30
40
Scan
Collect=6
293.60
293.58
293.56
293.54
293.52
293.50
293.48
293.46
T_omm (K)
0
10
20
30
40
Scan
Collect=7
293.76
293.74
293.72
293.70
293.68
293.66
293.64
293.62
293.60
T_omm (K)
0
10
20
30
40
Scan
Collect=8
293.74
293.72
293.70
293.68
293.66
293.64
293.62
293.60
T_omm (K)
0
10
20
30
40
Scan
Collect=9
293.68
293.66
293.64
293.62
293.60
293.58
293.56
293.54
T_omm (K)
0
10
20
30
40
Scan

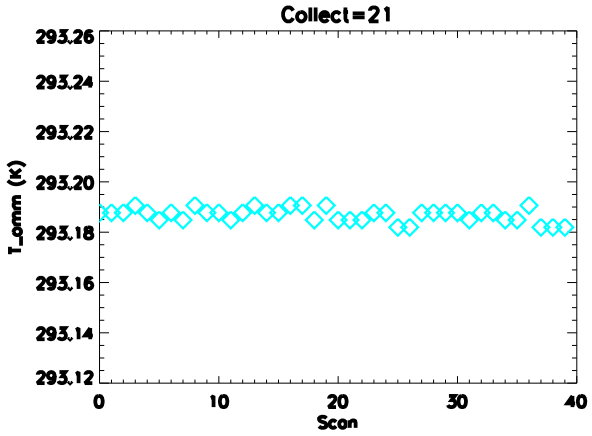
T_omm vs Scan

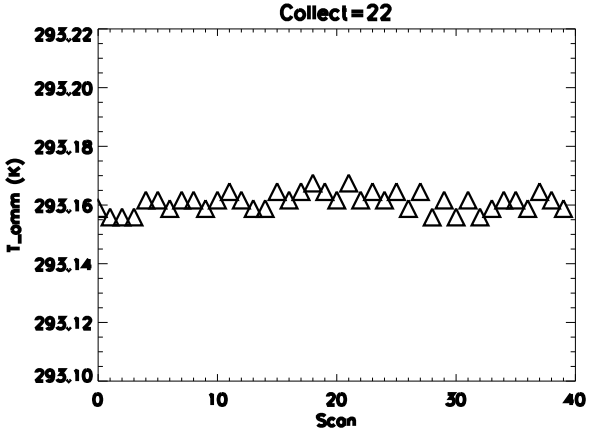

Collect = 10
Collect = 11
Collect = 12
Collect = 13
Collect = 14
Collect = 15
Collect = 16
Collect = 17
Collect = 18
T_omm (K)
Scan

T_omm vs Scan


Collect=19
T_omm (K)
293.06
293.04
293.02
293.00
292.98
292.96
292.94
0
10
20
30
40
Scan


Collect=20
T_omm (K)
293.16
293.14
293.12
293.10
293.08
293.06
293.04
0
10
20
30
40
Scan


Collect=21
T_omm (K)
293.26
293.24
293.22
293.20
293.18
293.16
293.14
293.12
0
10
20
30
40
Scan


Collect=22
T_omm (K)
293.22
293.20
293.18
293.16
293.14
293.12
293.10
0
10
20
30
40
Scan