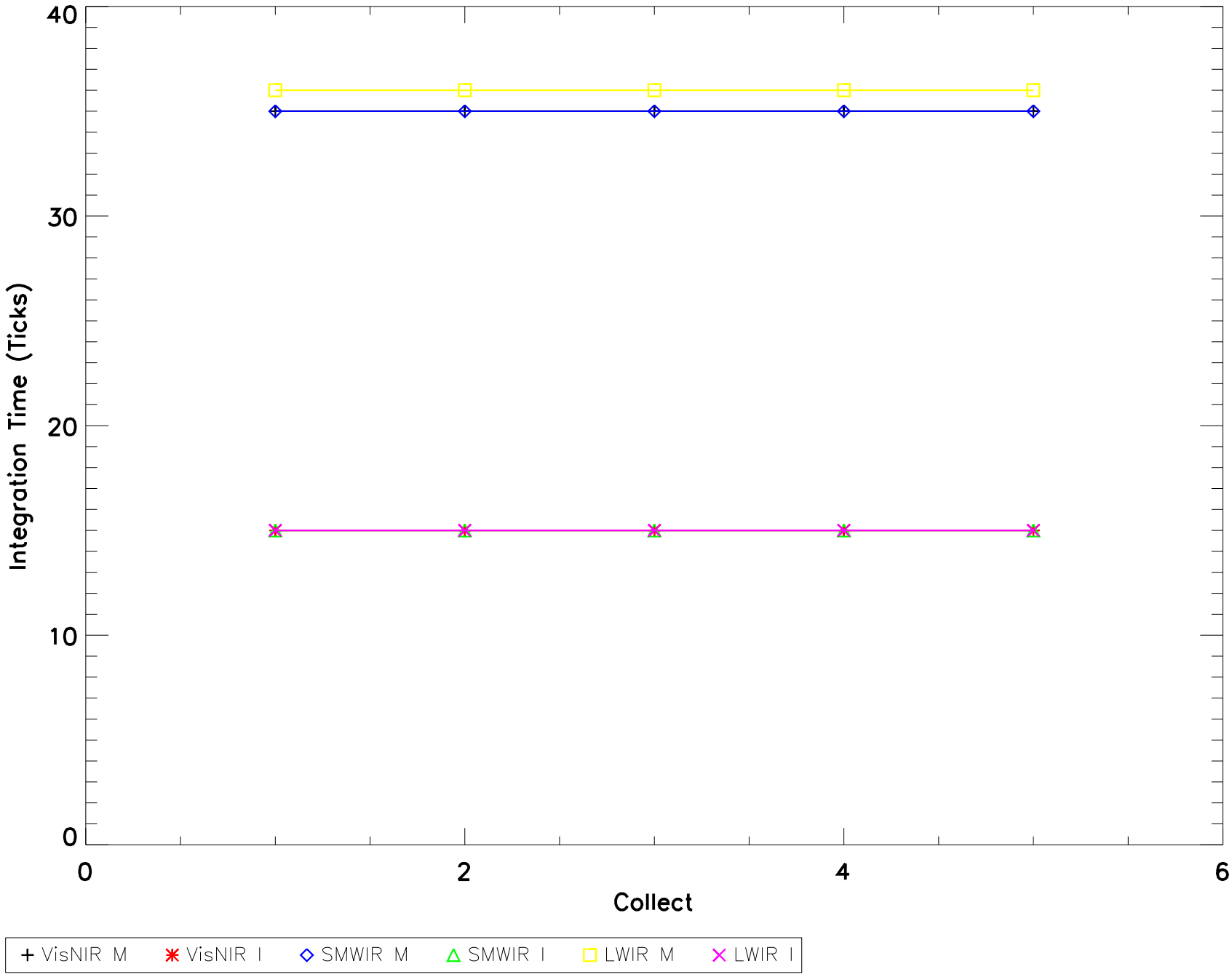
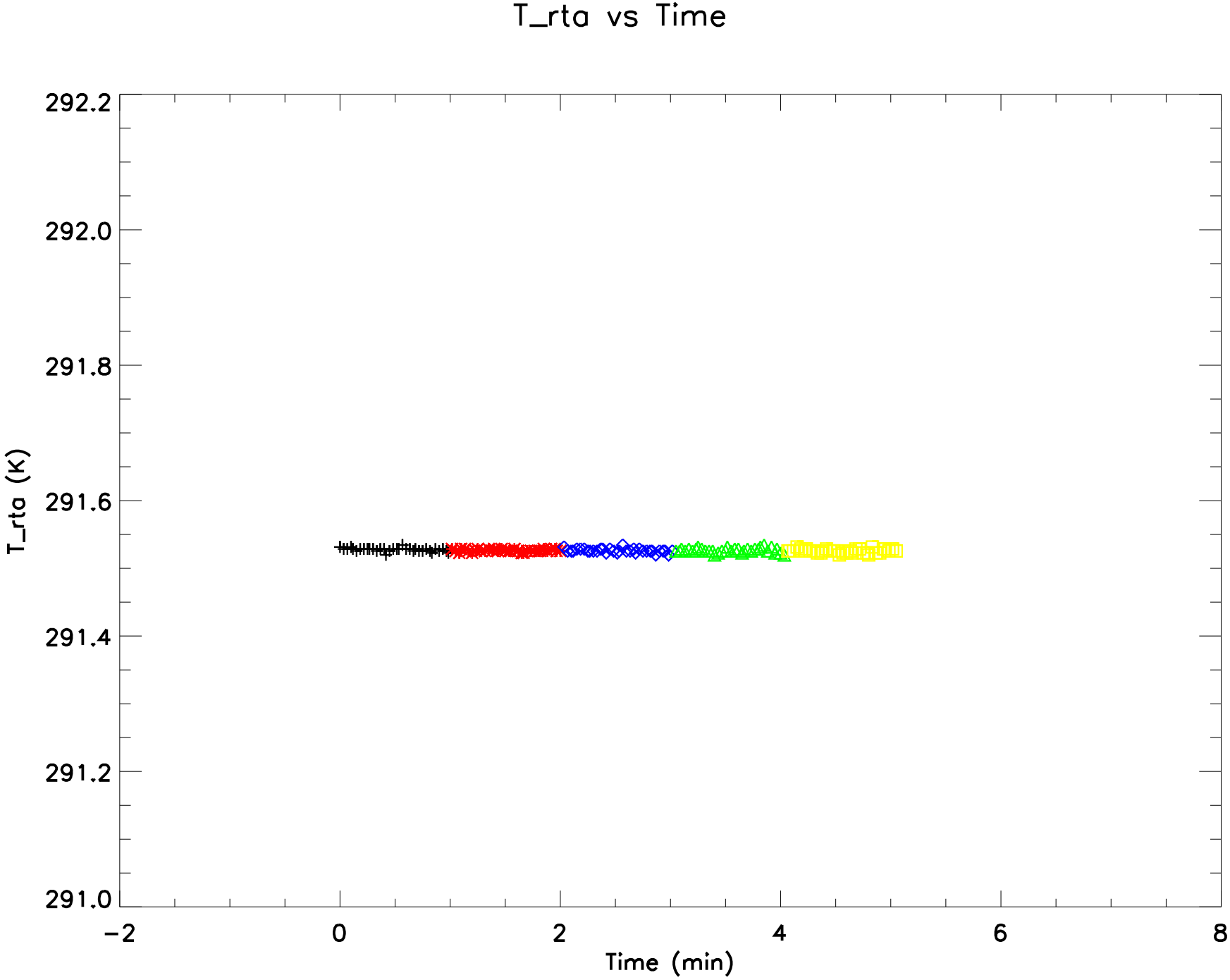
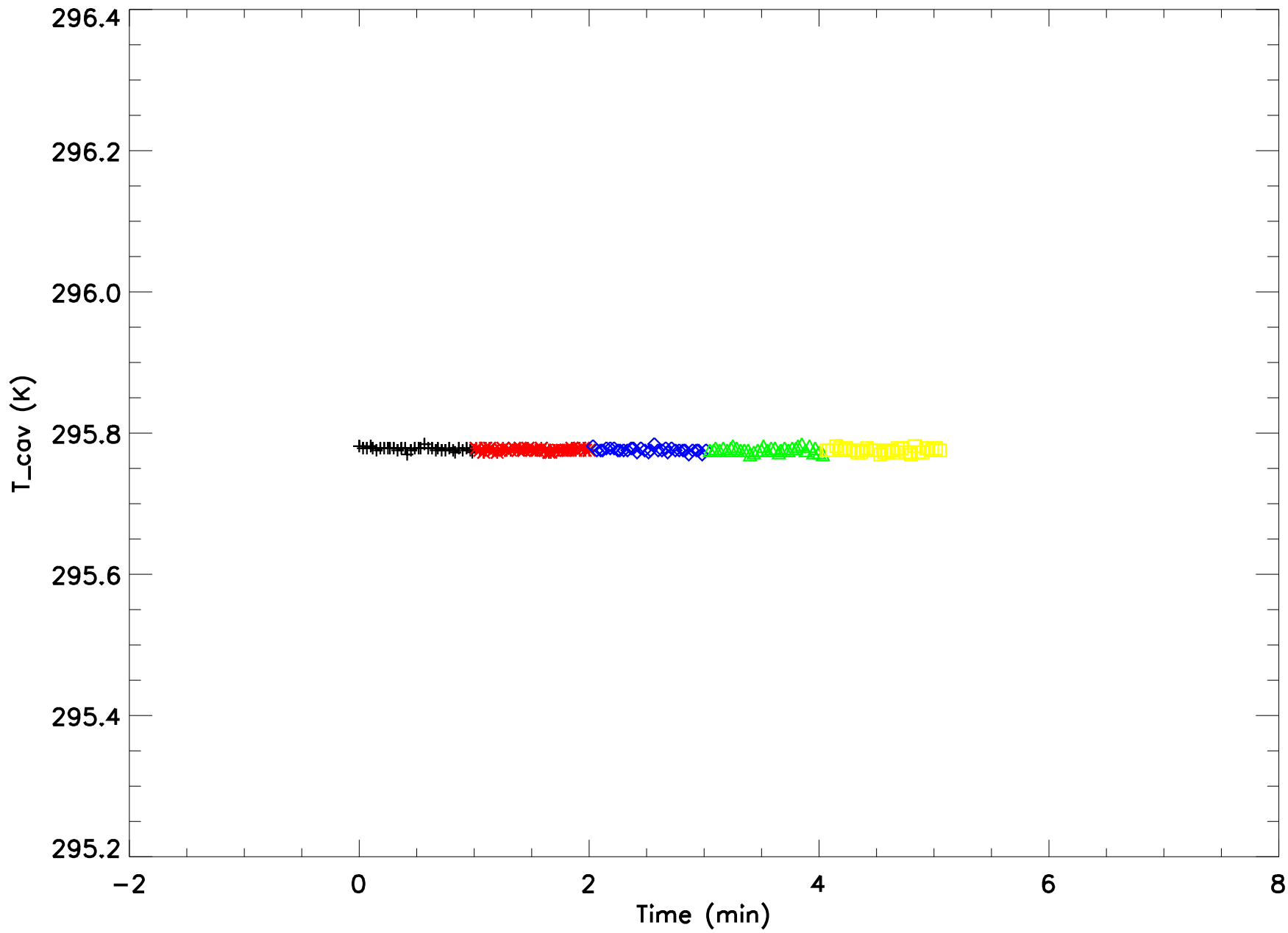
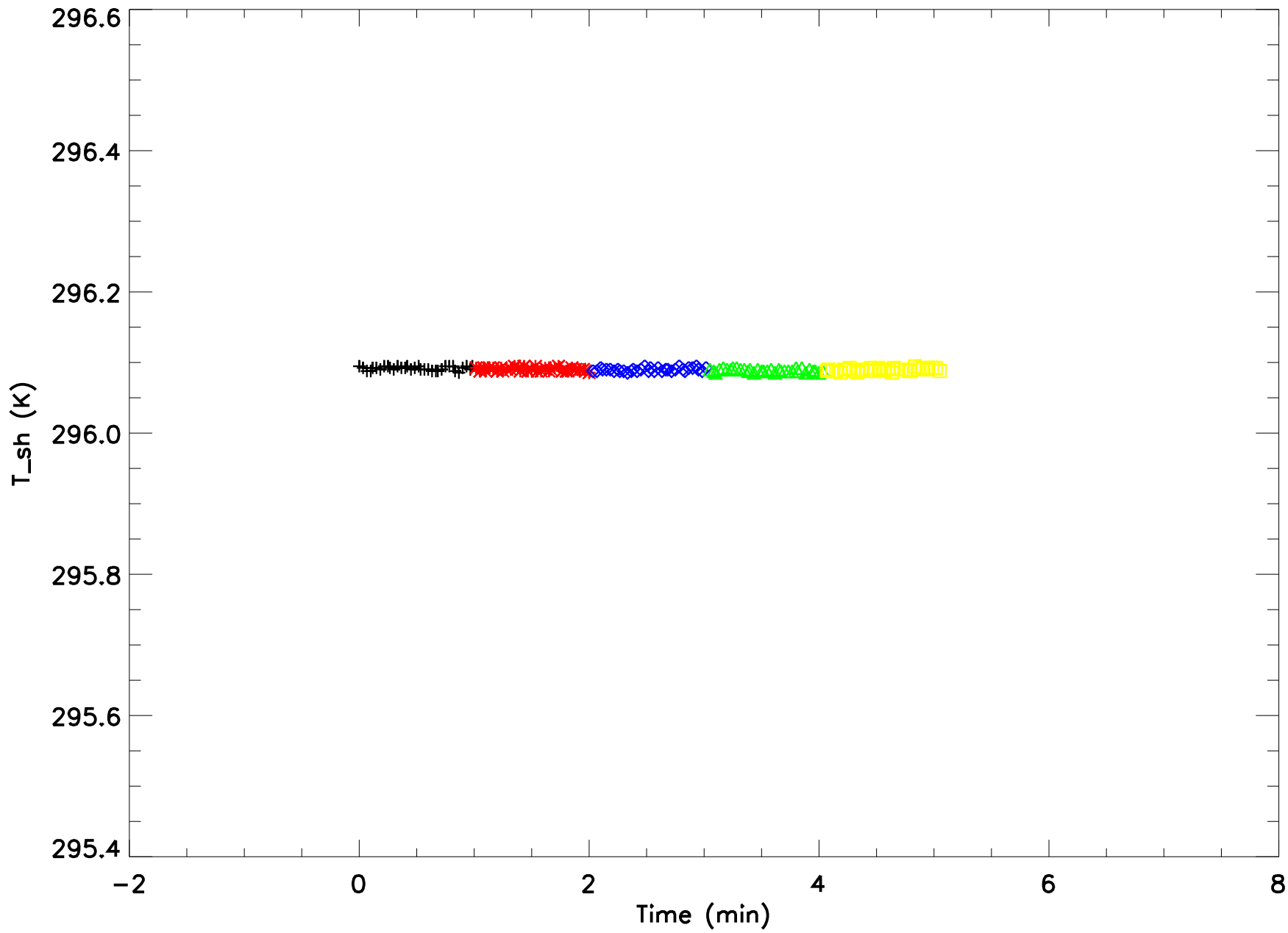
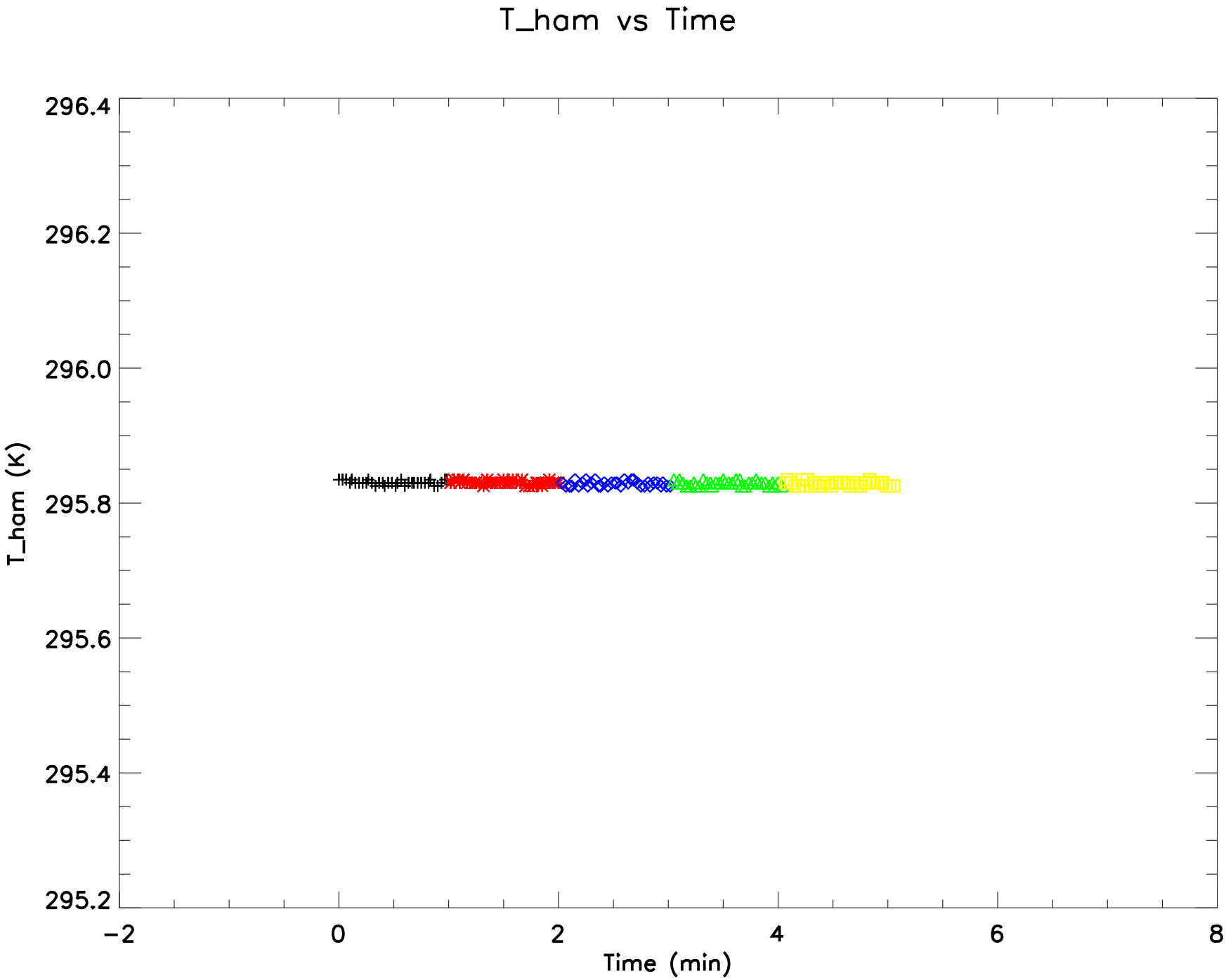
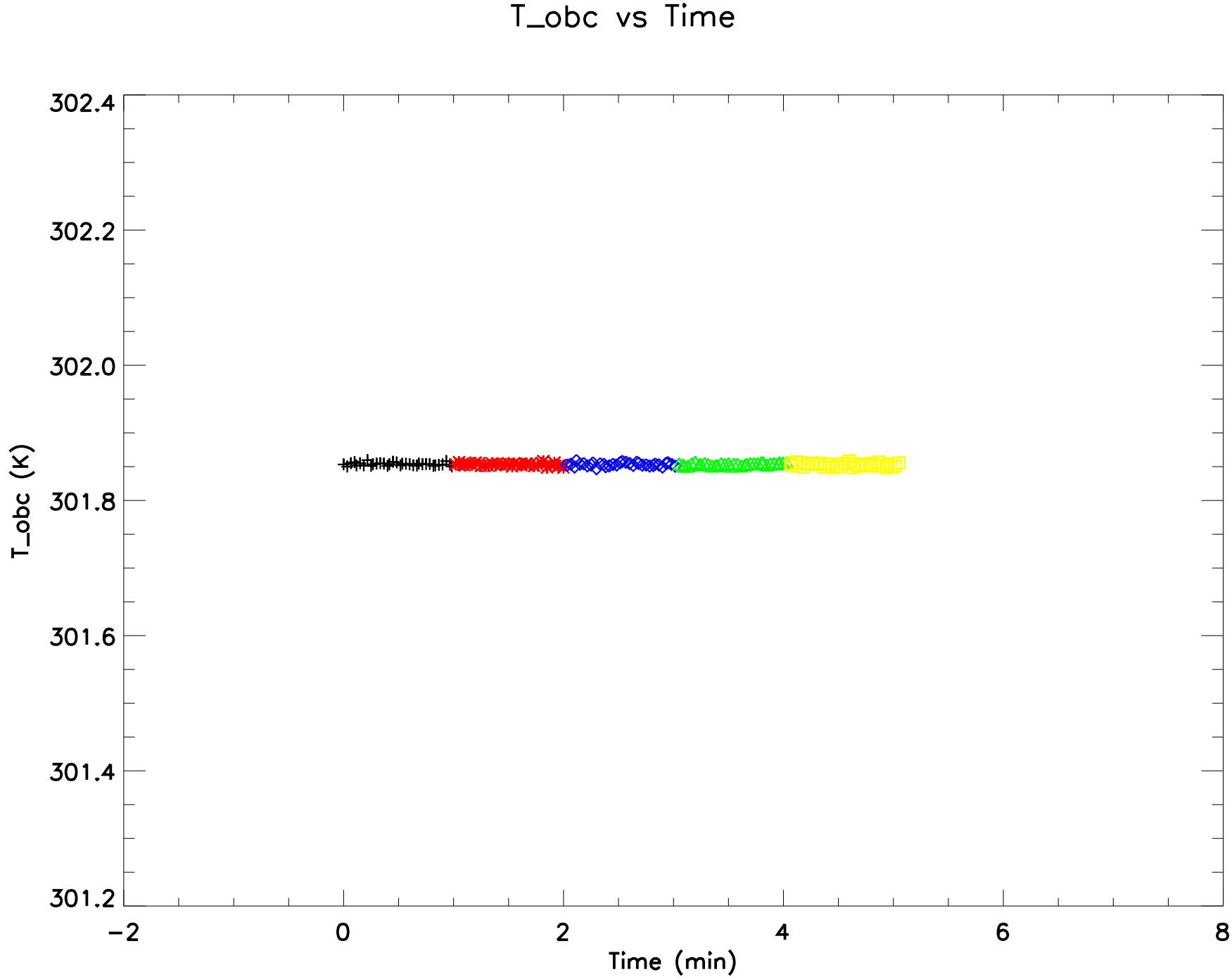

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
2
4
6
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I


T_rta vs Time
292.2
292.0
291.8
291.6
291.4
291.2
291.0
T_rta (K)
−2
0
2
4
6
8
Time (min)

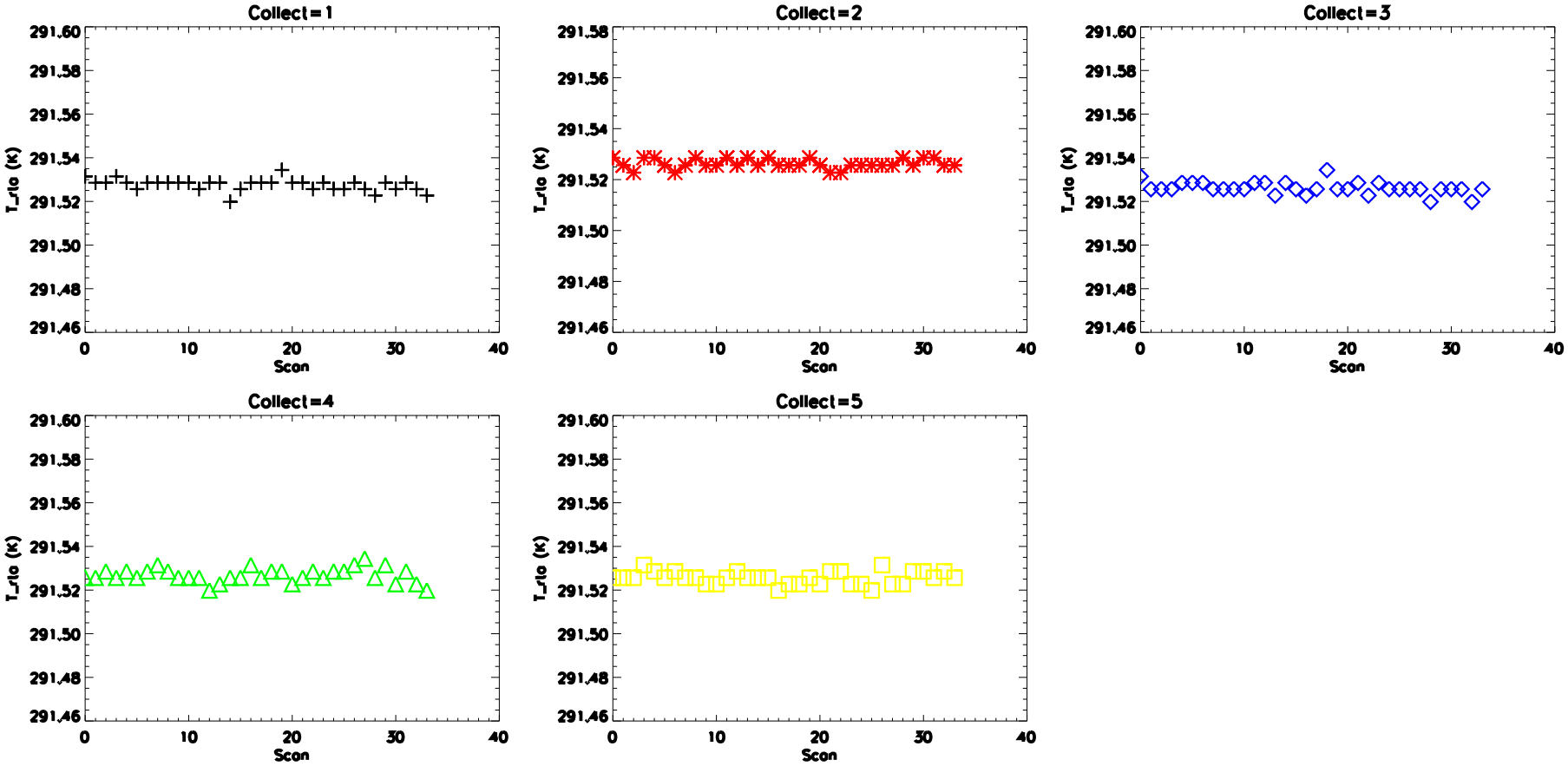

T_cav vs Time
296.4
296.2
296.0
295.8
295.6
295.4
295.2
T_cav (K)
−2
0
2
4
6
8
Time (min)


T_sh vs Time
296.6
296.4
296.2
296.0
295.8
295.6
295.4
T_sh (K)
−2
0
2
4
6
8
Time (min)

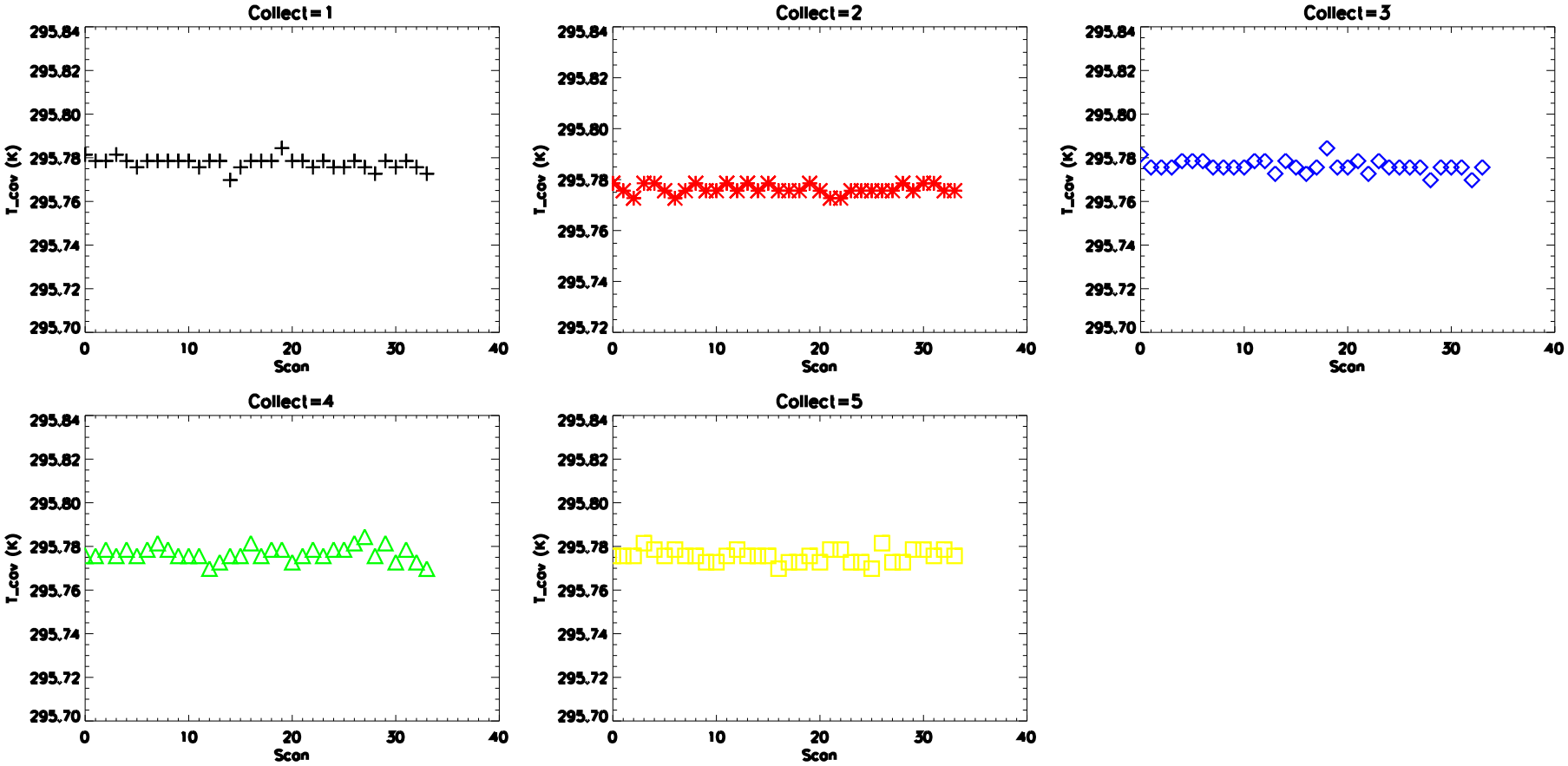

T_ham vs Time
296.4
296.2
296.0
295.8
295.6
295.4
295.2
T_ham (K)
−2
0
2
4
6
8
Time (min)


T_obc vs Time
302.4
302.2
302.0
301.8
301.6
301.4
301.2
T_obc (K)
−2
0
2
4
6
8
Time (min)

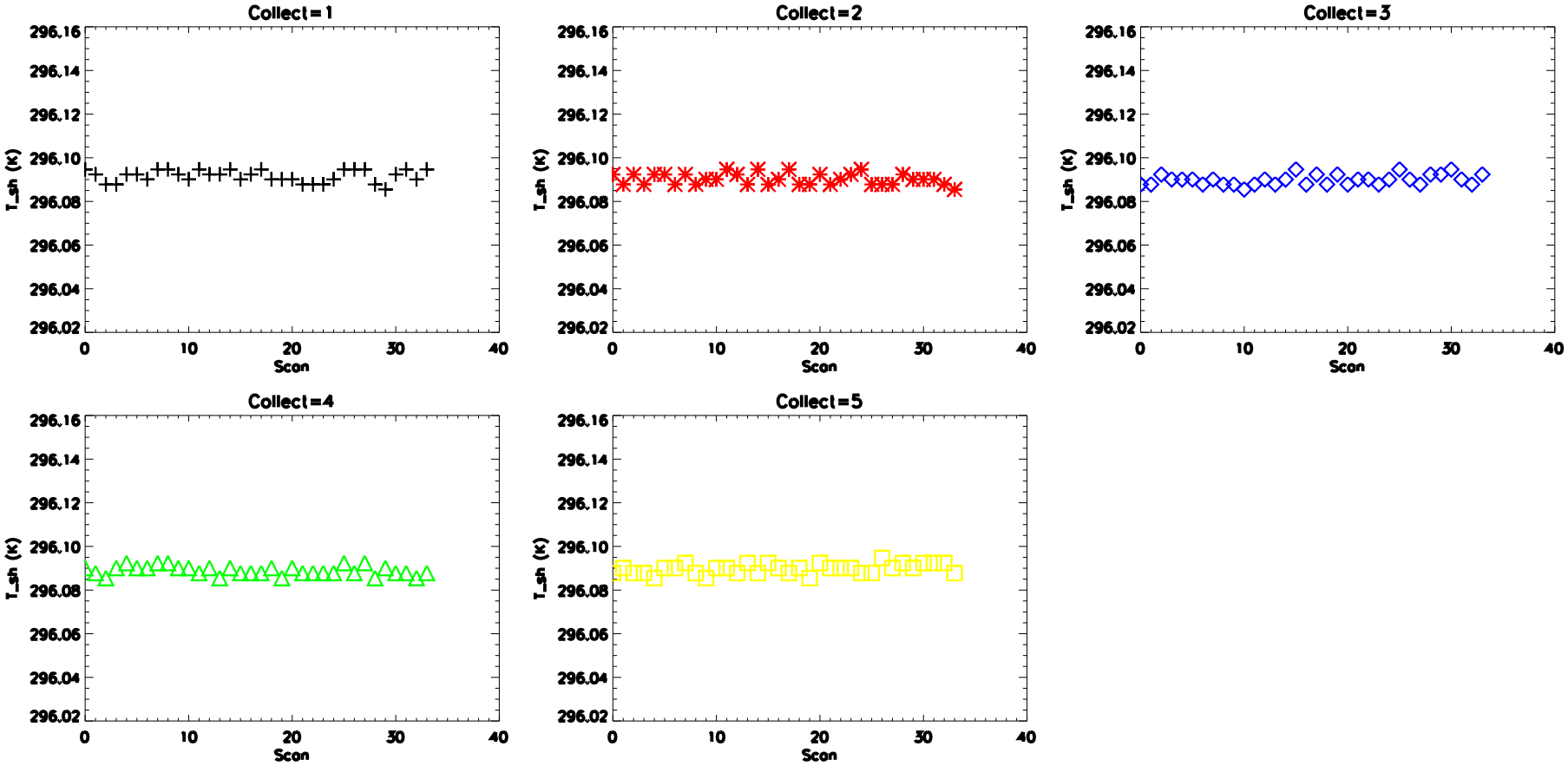
T_rta vs Scan


Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
T_rta (K)
Scan
291.60
291.58
291.56
291.54
291.52
291.50
291.48
291.46
0
10
20
30
40

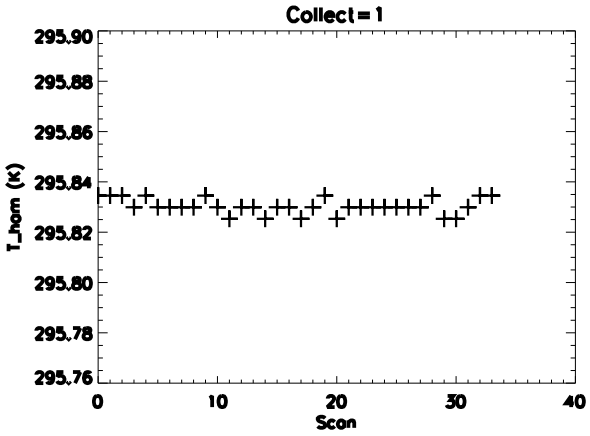
T_cav vs Scan

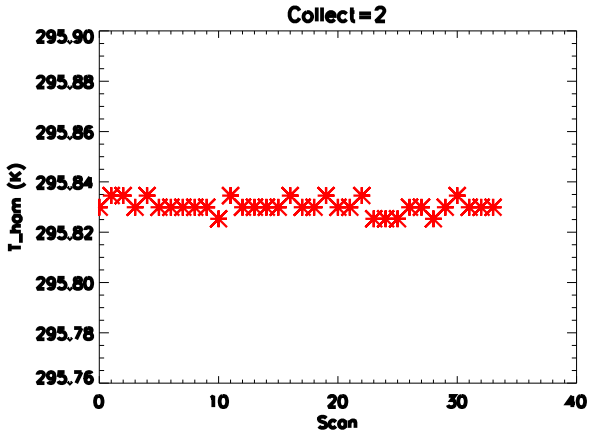

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
T_cav (K)
Scan
295.84
295.82
295.80
295.78
295.76
295.74
295.72
295.70
0
10
20
30
40

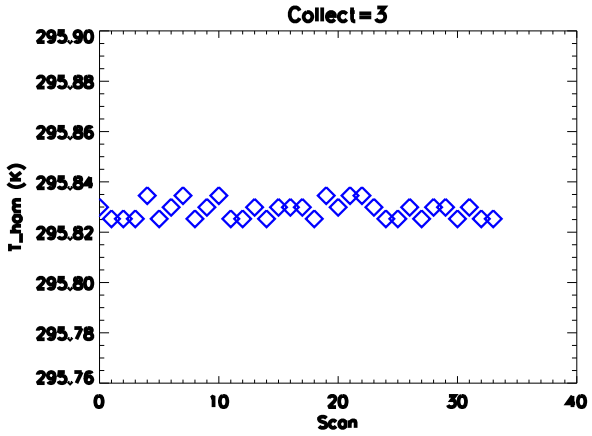
T_sh vs Scan

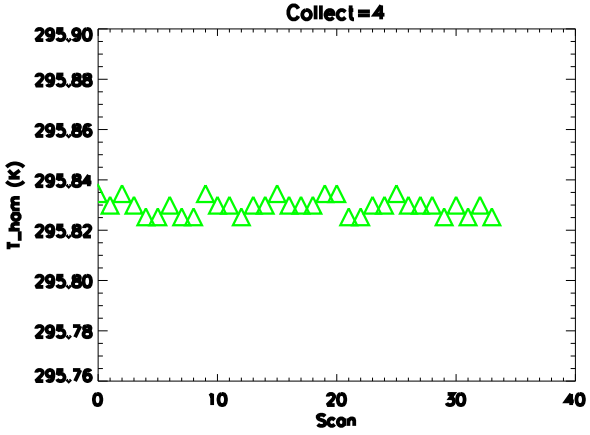

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
T_sh (K)
Scan
296.16
296.14
296.12
296.10
296.08
296.06
296.04
296.02
0
10
20
30
40

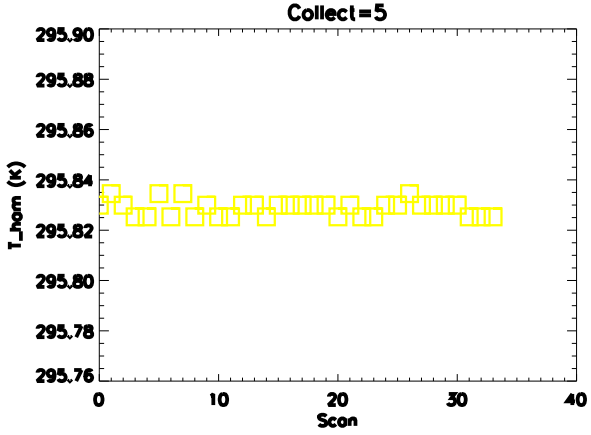
T_ham vs Scan


Collect=1
T_ham (K)
295.90
295.88
295.86
295.84
295.82
295.80
295.78
295.76
0
10
20
30
40
Scan

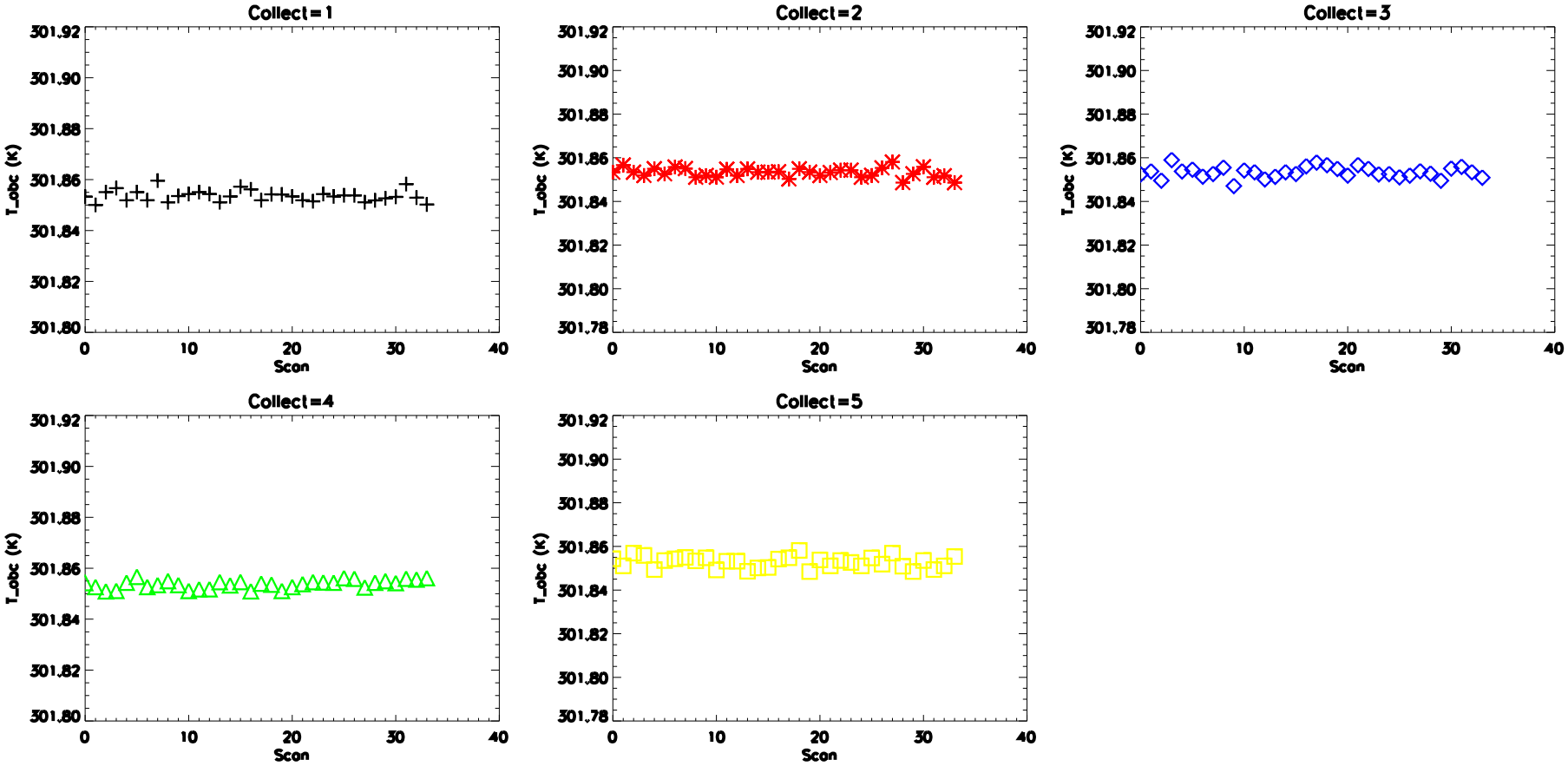

Collect=2
T_ham (K)
295.90
295.88
295.86
295.84
295.82
295.80
295.78
295.76
0
10
20
30
40
Scan

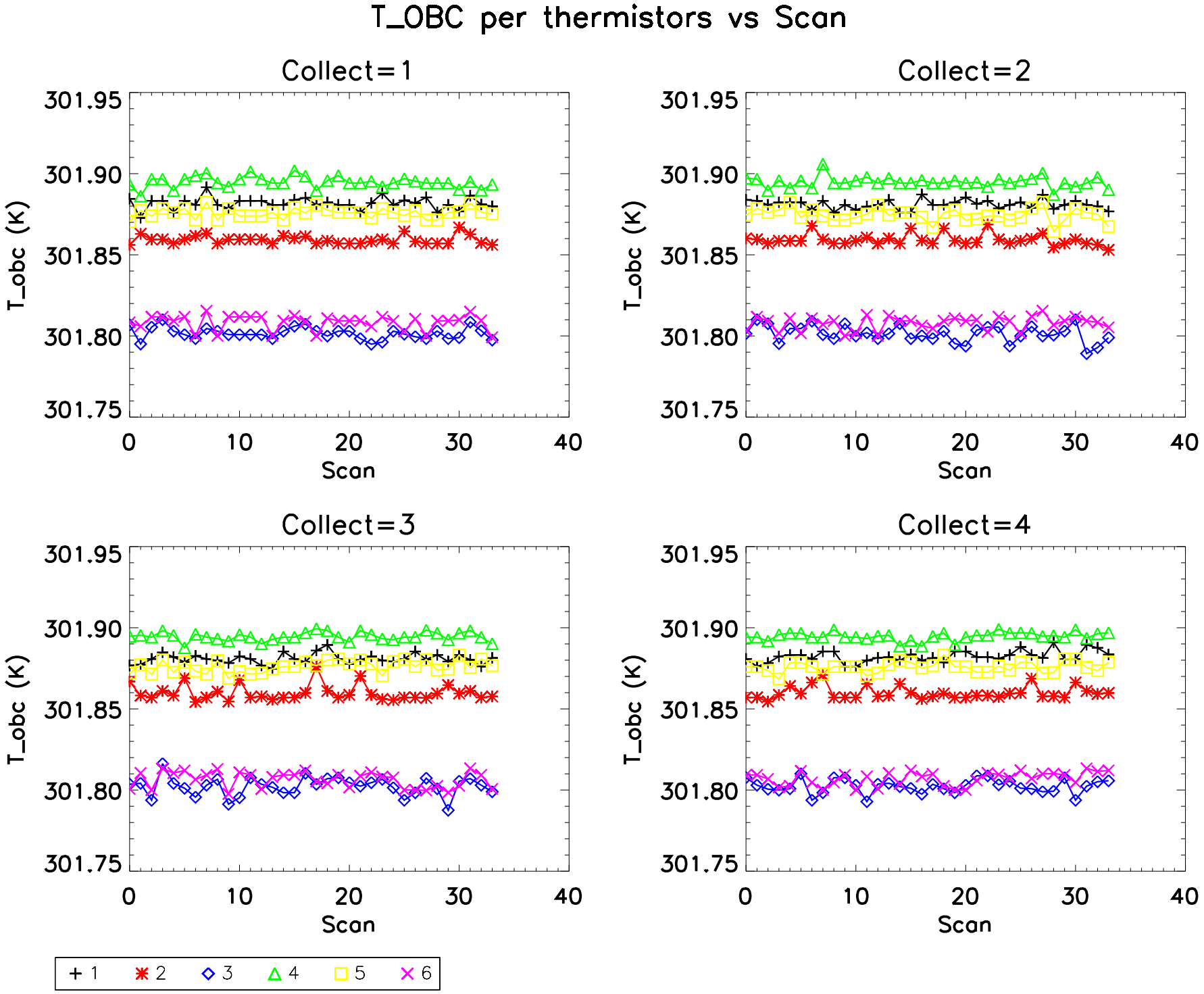

Collect=3
T_ham (K)
295.90
295.88
295.86
295.84
295.82
295.80
295.78
295.76
0
10
20
30
40
Scan


Collect=4
T_ham (K)
295.90
295.88
295.86
295.84
295.82
295.80
295.78
295.76
0
10
20
30
40
Scan

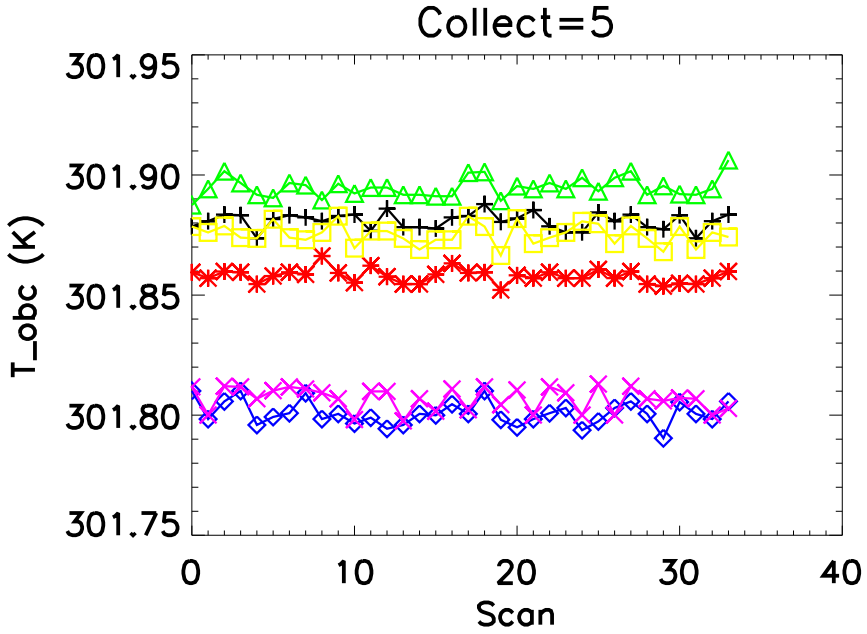

Collect=5
T_ham (K)
295.90
295.88
295.86
295.84
295.82
295.80
295.78
295.76
0
10
20
30
40
Scan

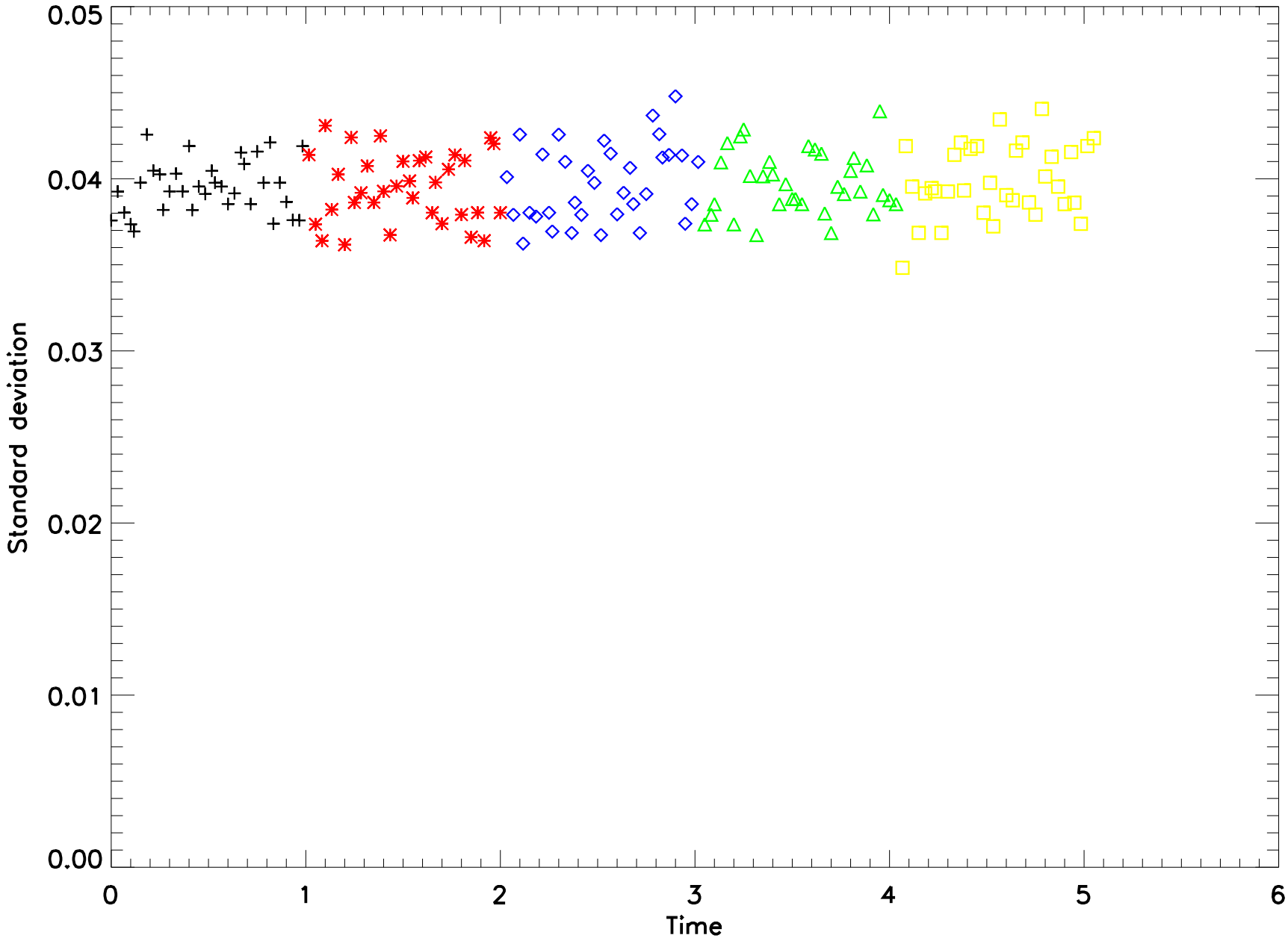
T_obc vs Scan

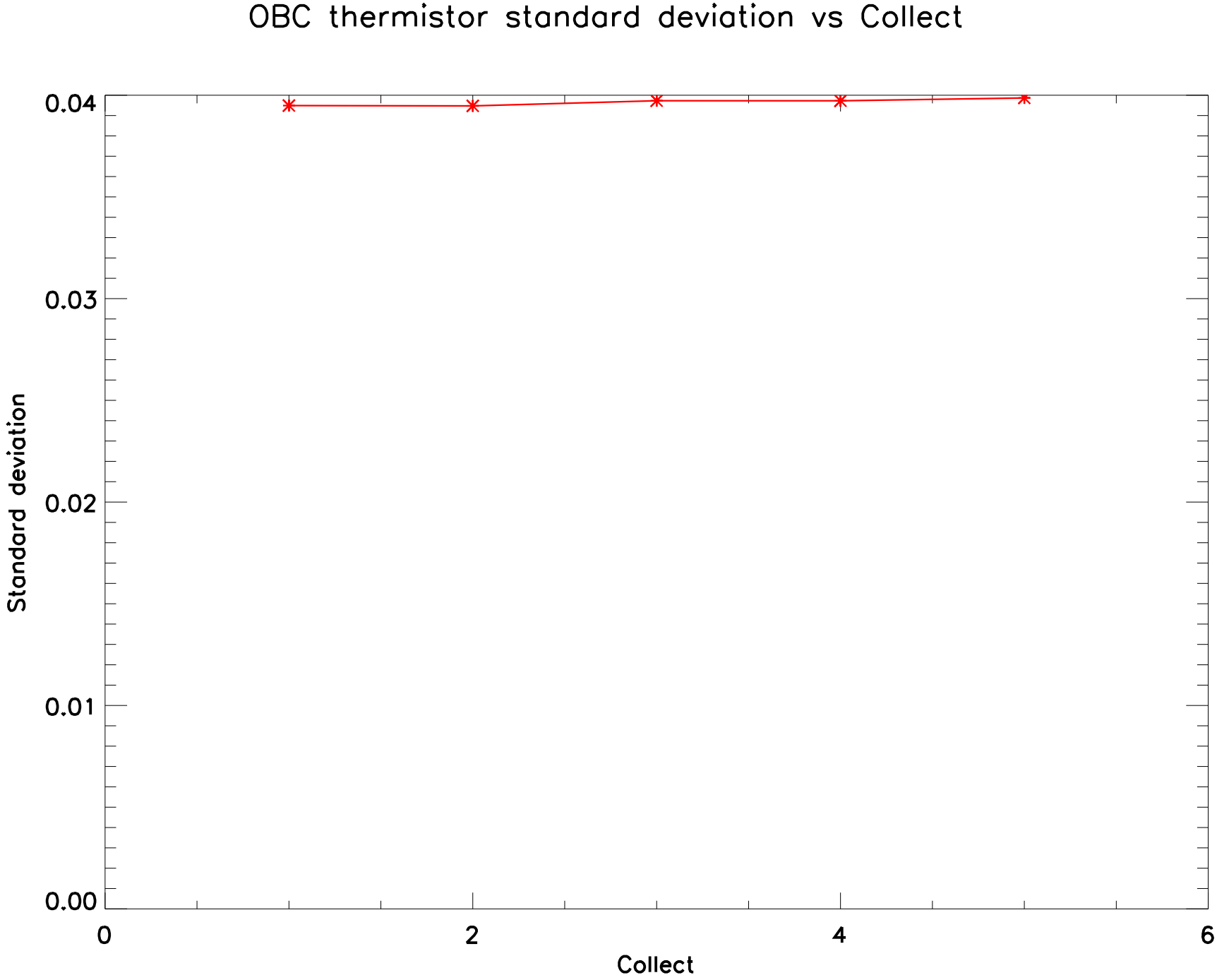

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
T_obc (K)
Scan
301.92
301.90
301.88
301.86
301.84
301.82
301.80
301.78
0
10
20
30
40

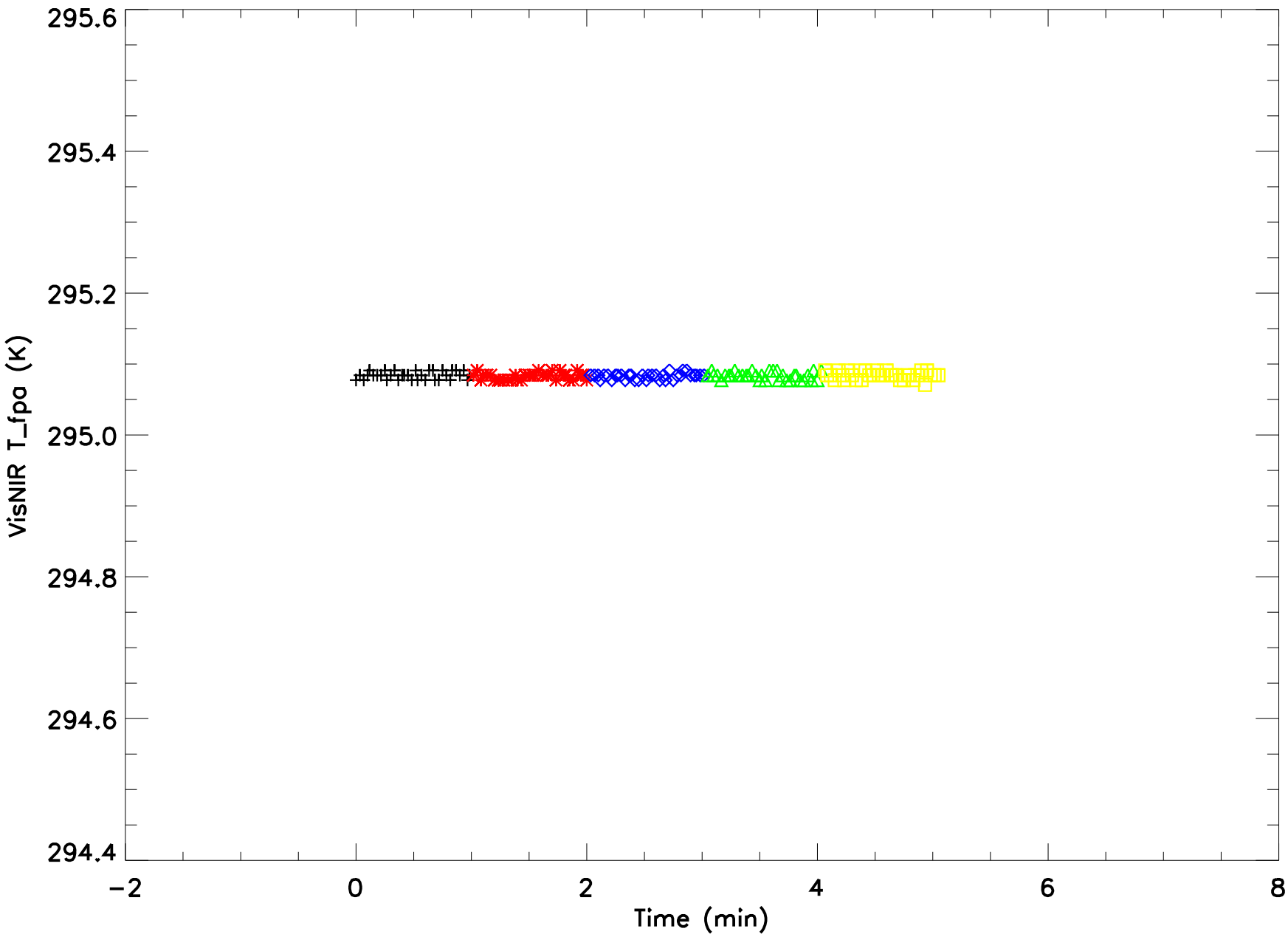

T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
301.95
301.90
301.85
301.80
301.75
0
10
20
30
40
1
2
3
4
5
6

T_OBC per thermistors vs Scan

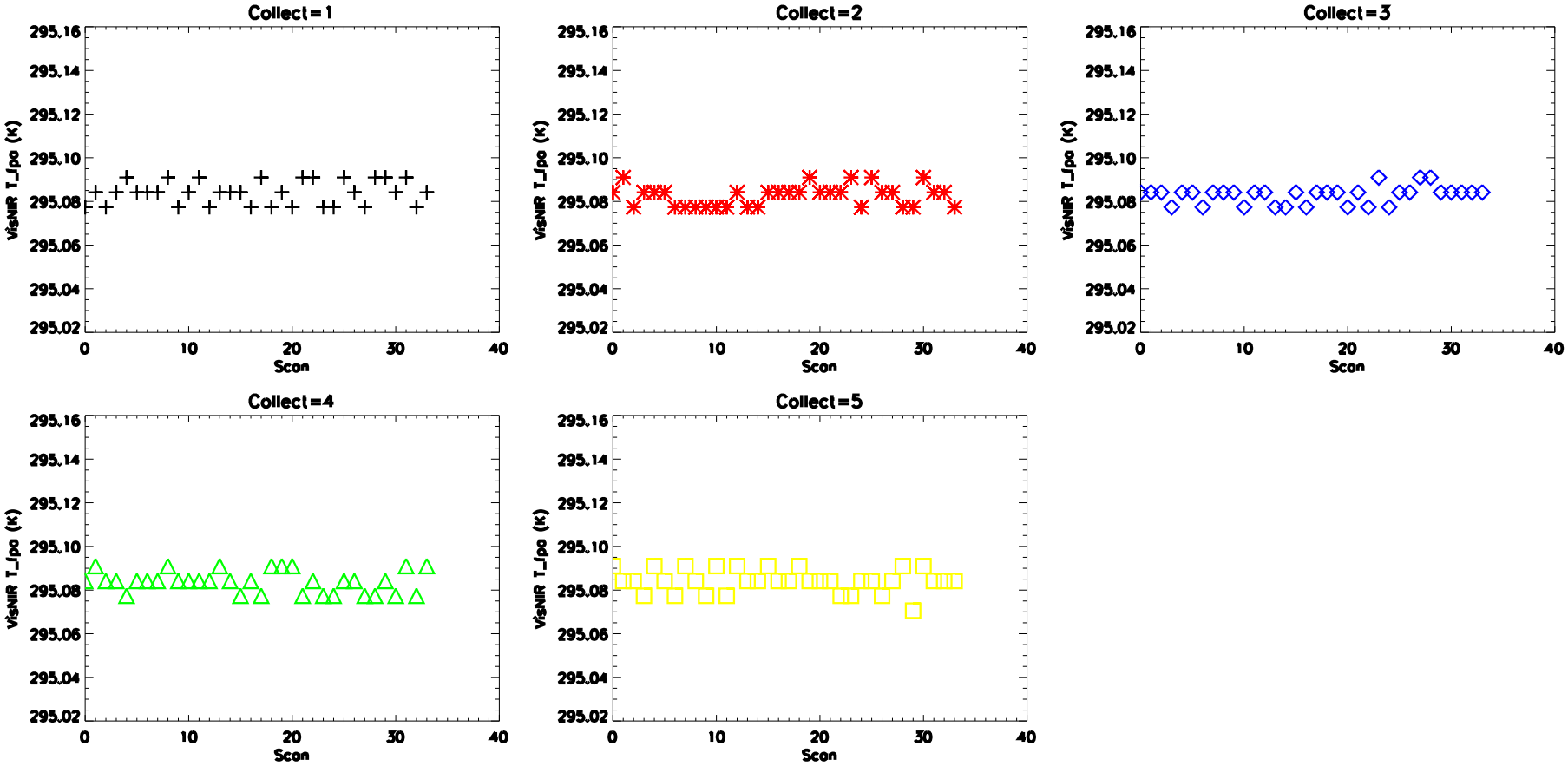


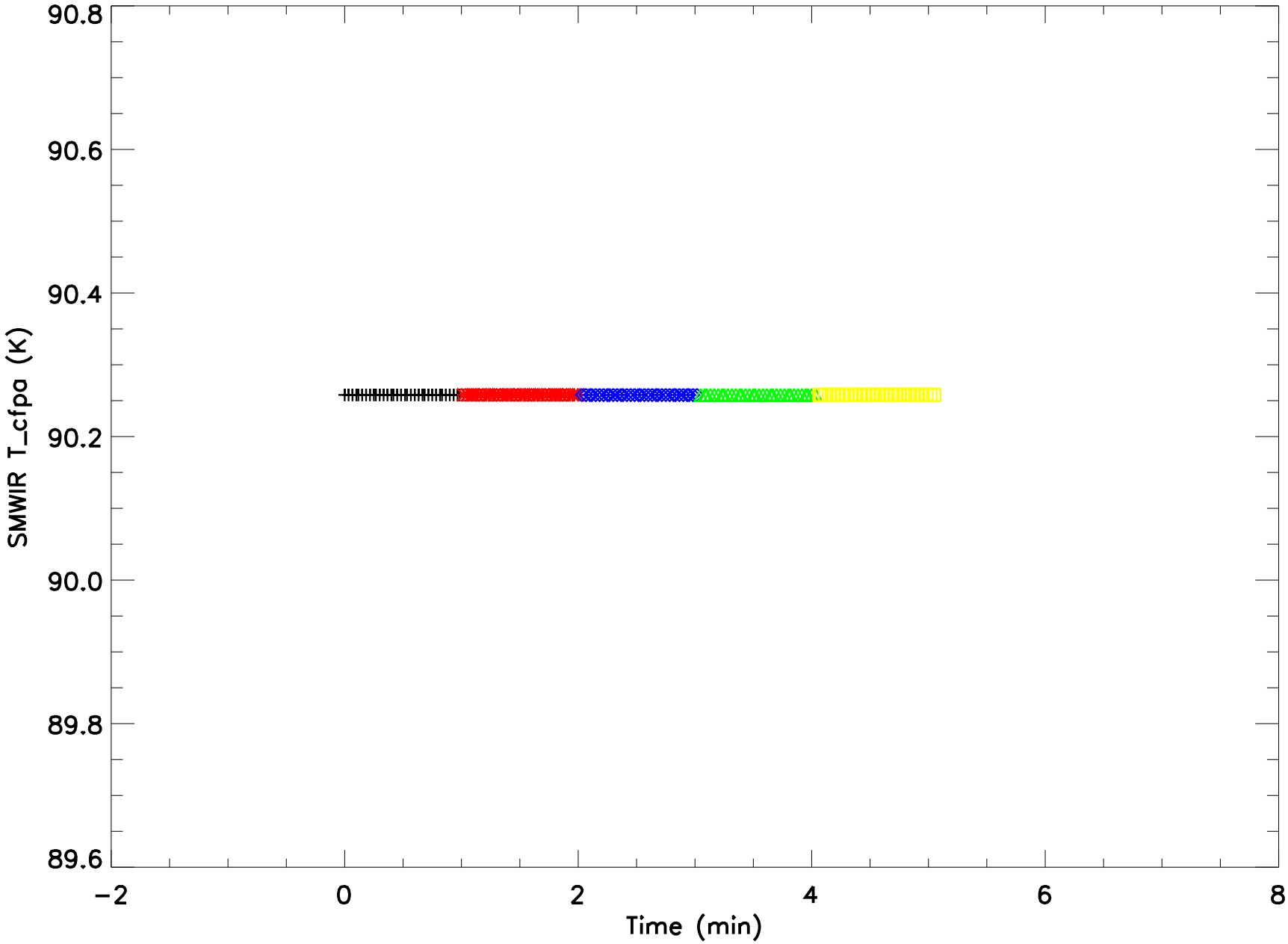

OBC thermistor standard deviation vs Time
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0
1
2
3
4
5
6
Time


OBC thermistor standard deviation vs Collect
0.04
0.03
0.02
0.01
0.00
Standard deviation
0
2
4
6
Collect

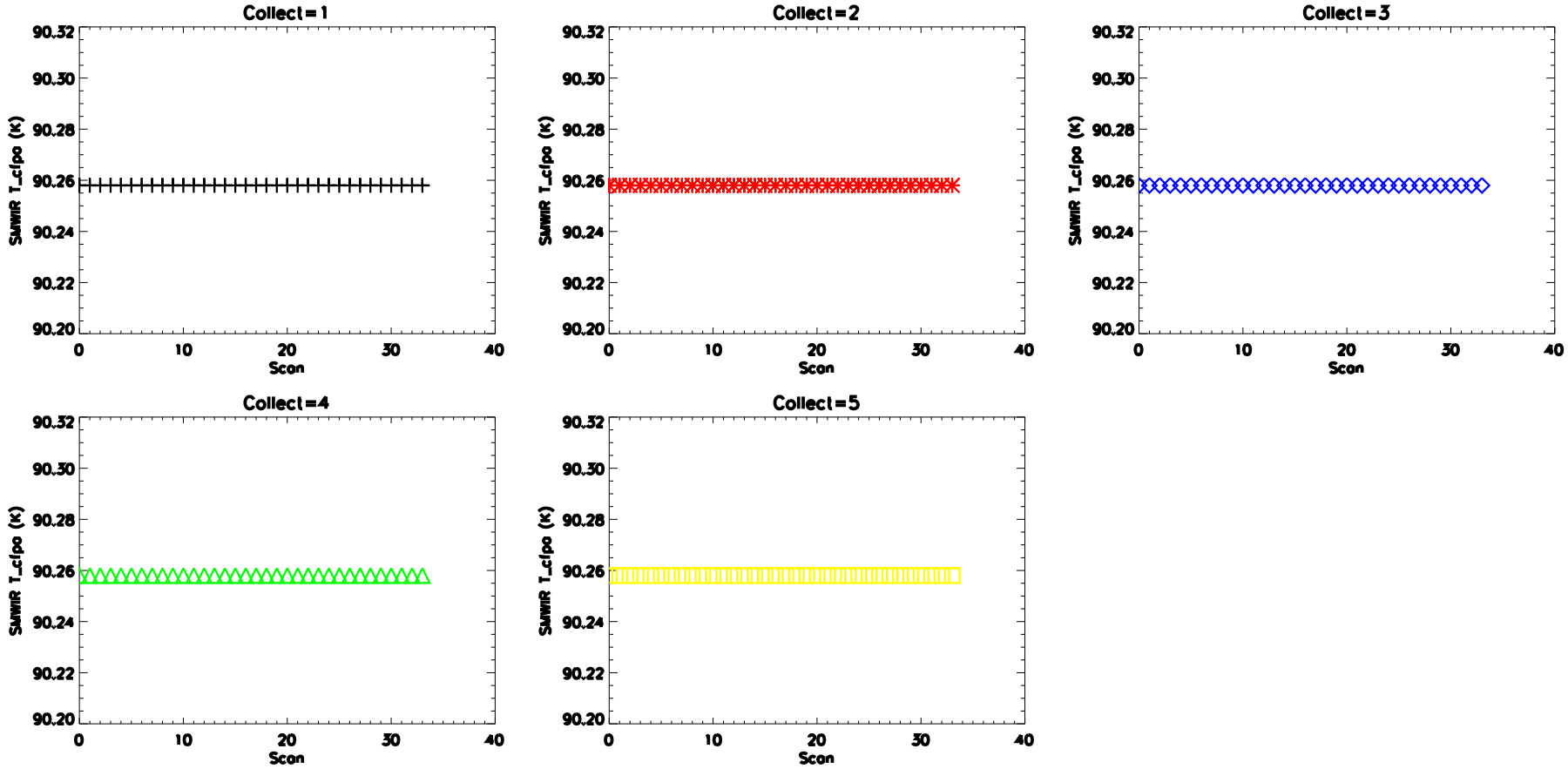

VisNIR T_fpa vs Time
VisNIR T_fpa (K)
295.6
295.4
295.2
295.0
294.8
294.6
294.4
−2
0
2
4
6
8
Time (min)

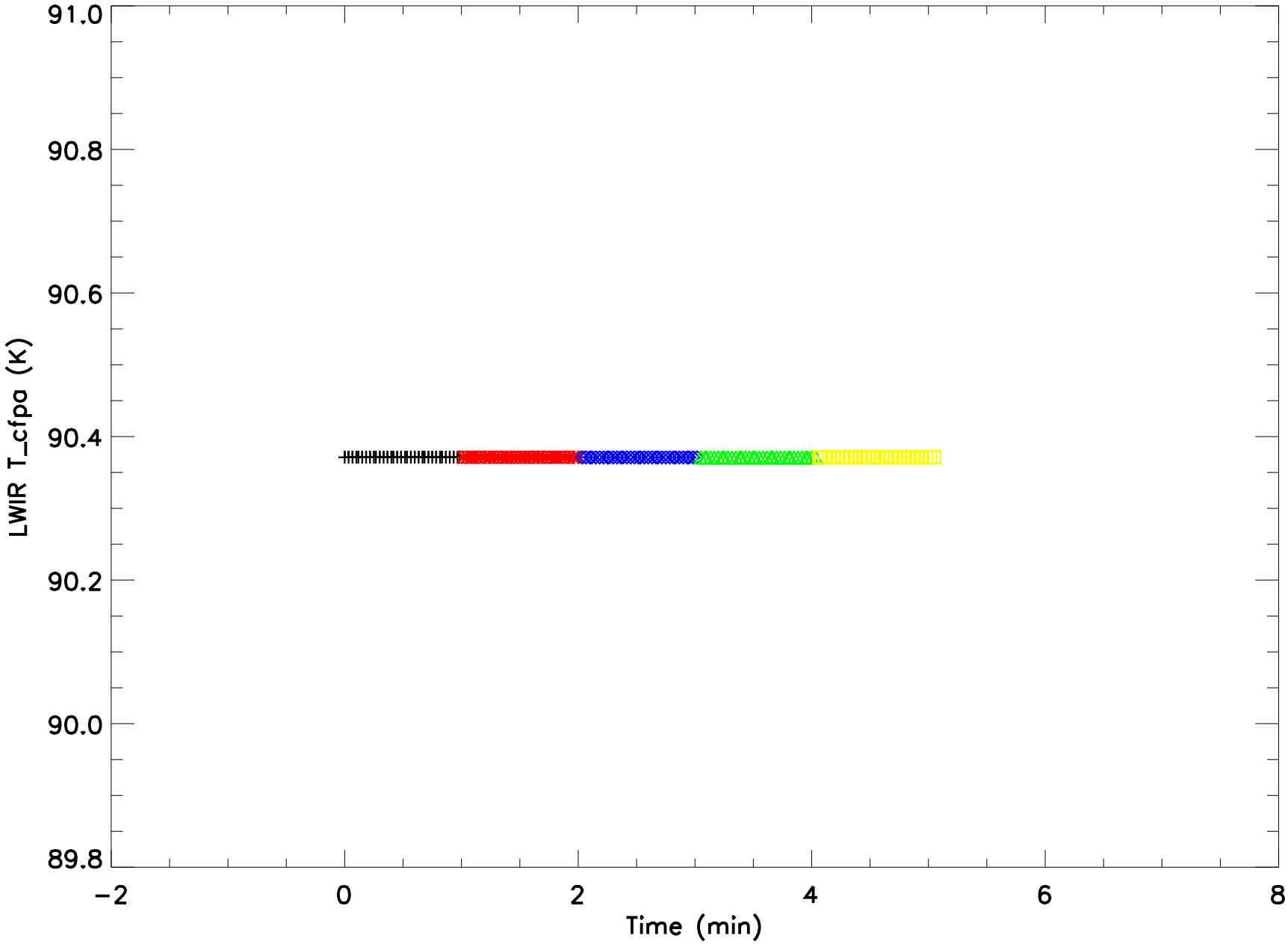
VisNIR T_fpa vs Scan



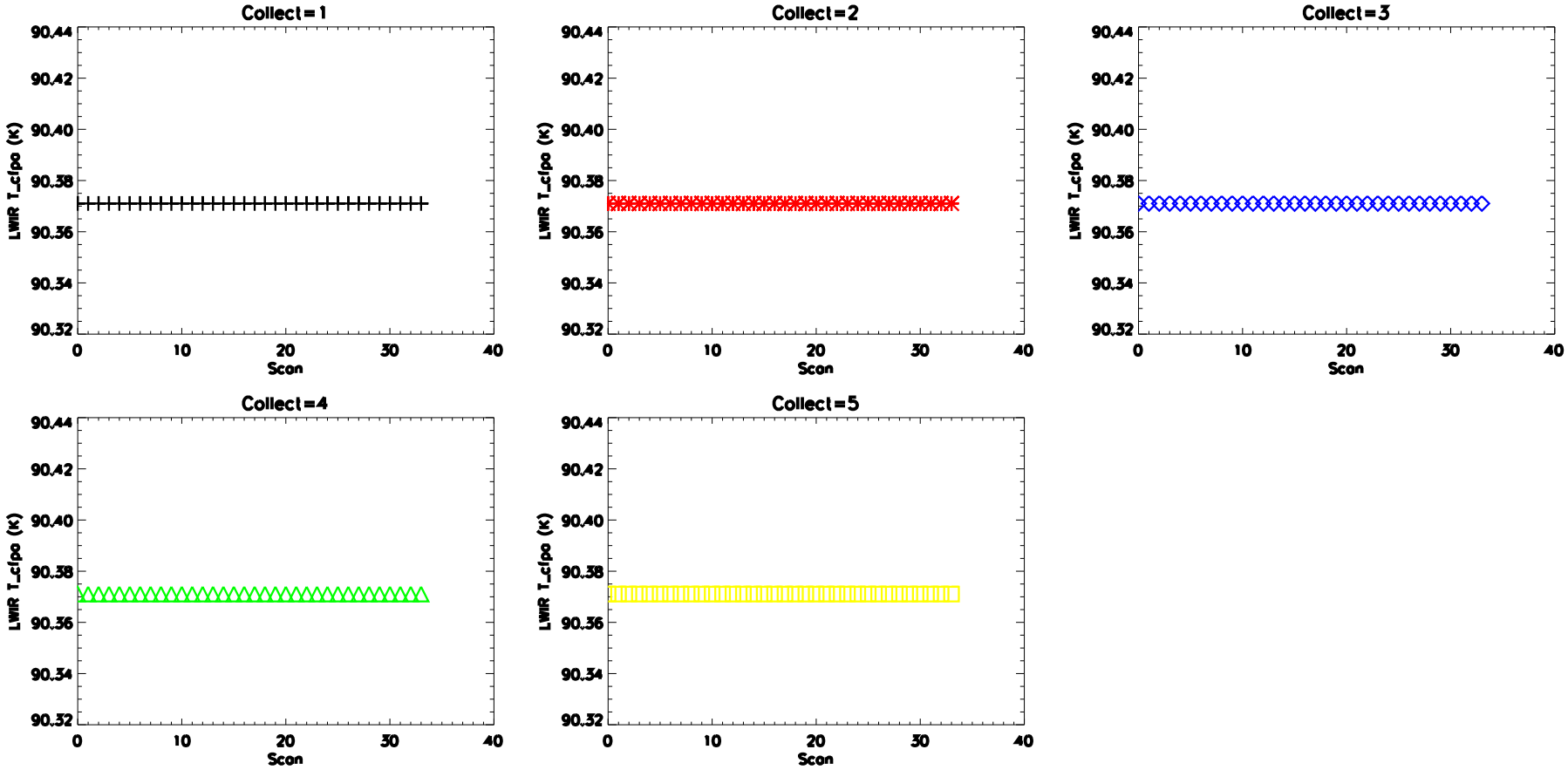

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
90.8
90.6
90.4
90.2
90.0
89.8
89.6
−2
0
2
4
6
8
Time (min)

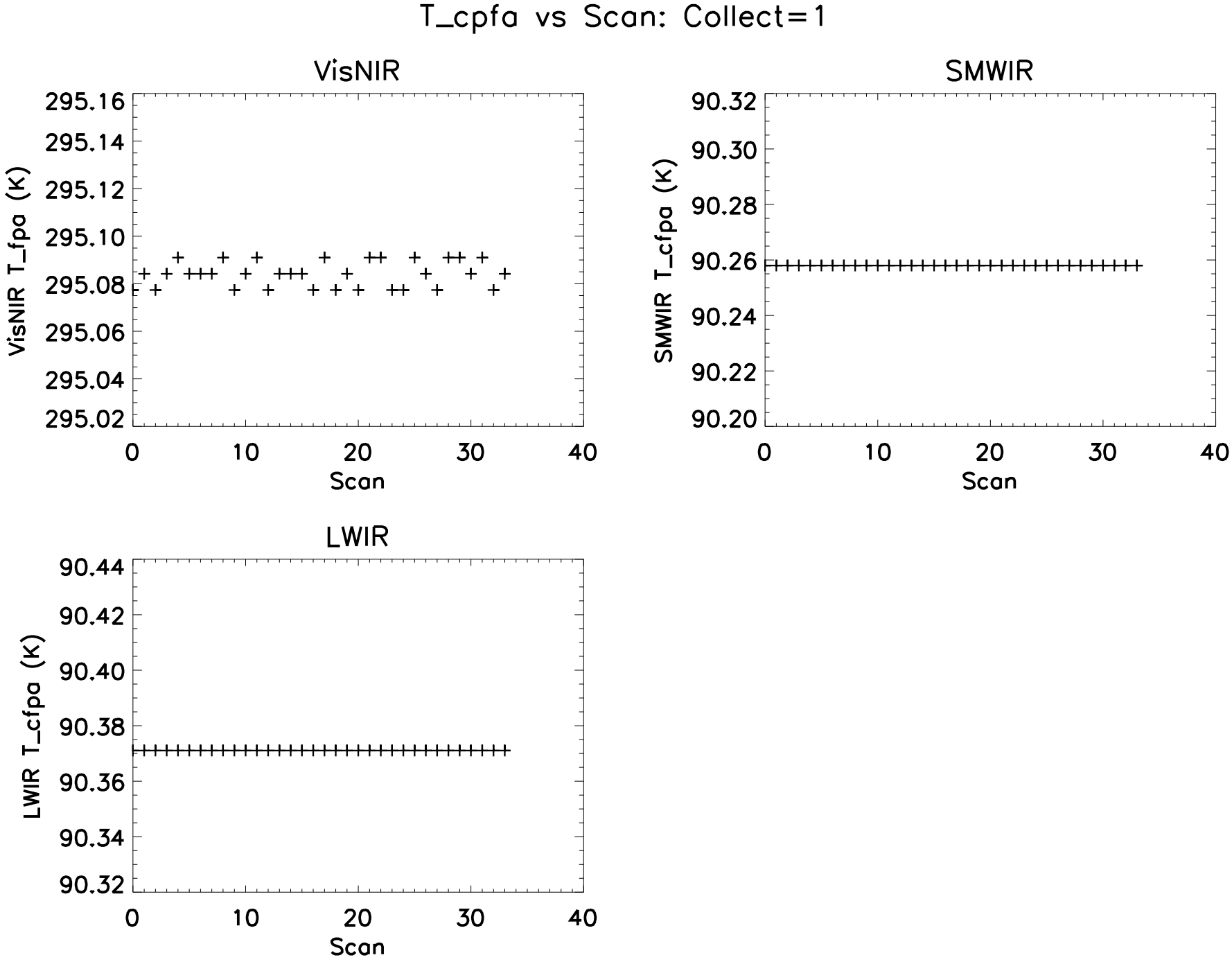
SMWIR T_cfpa vs Scan

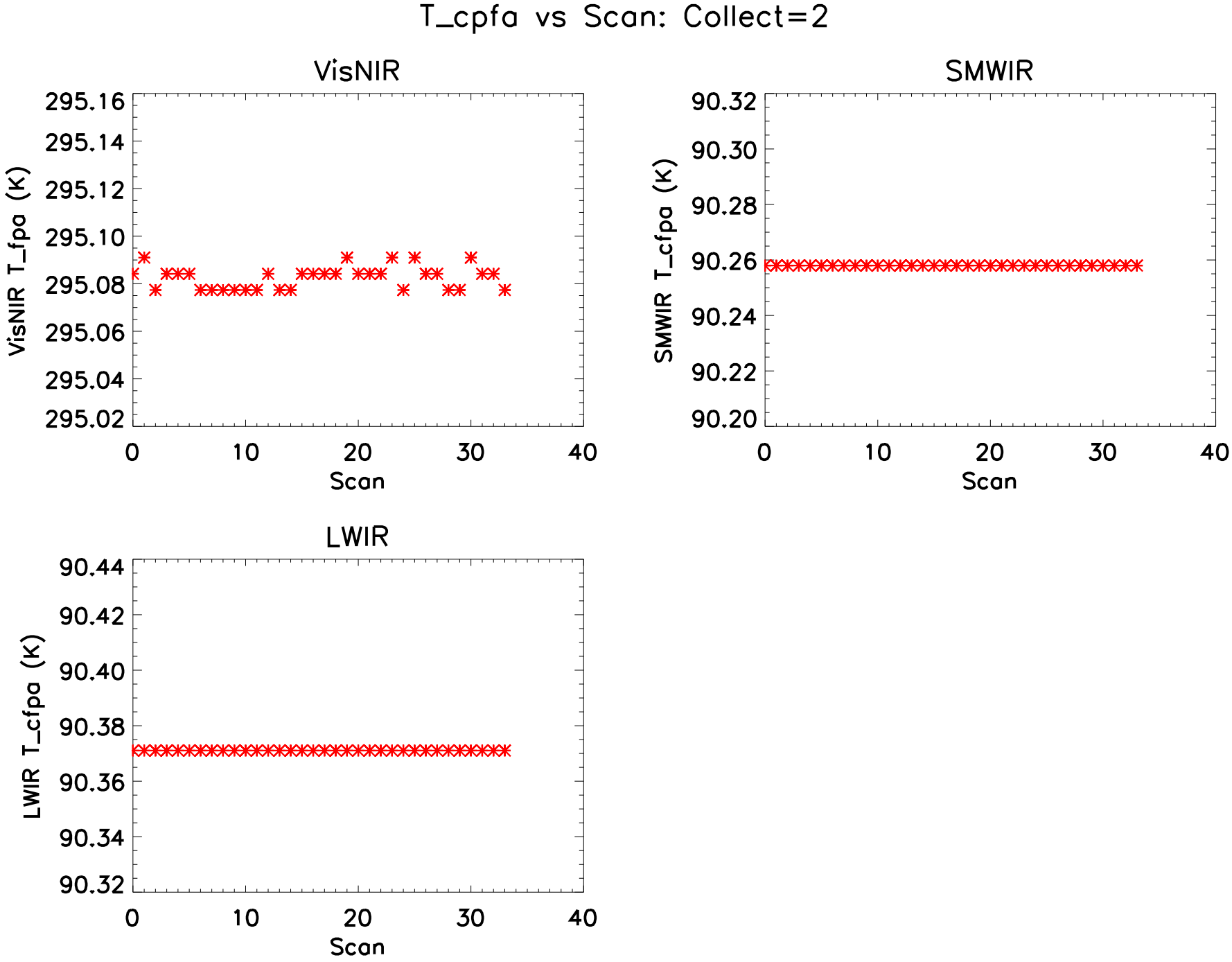


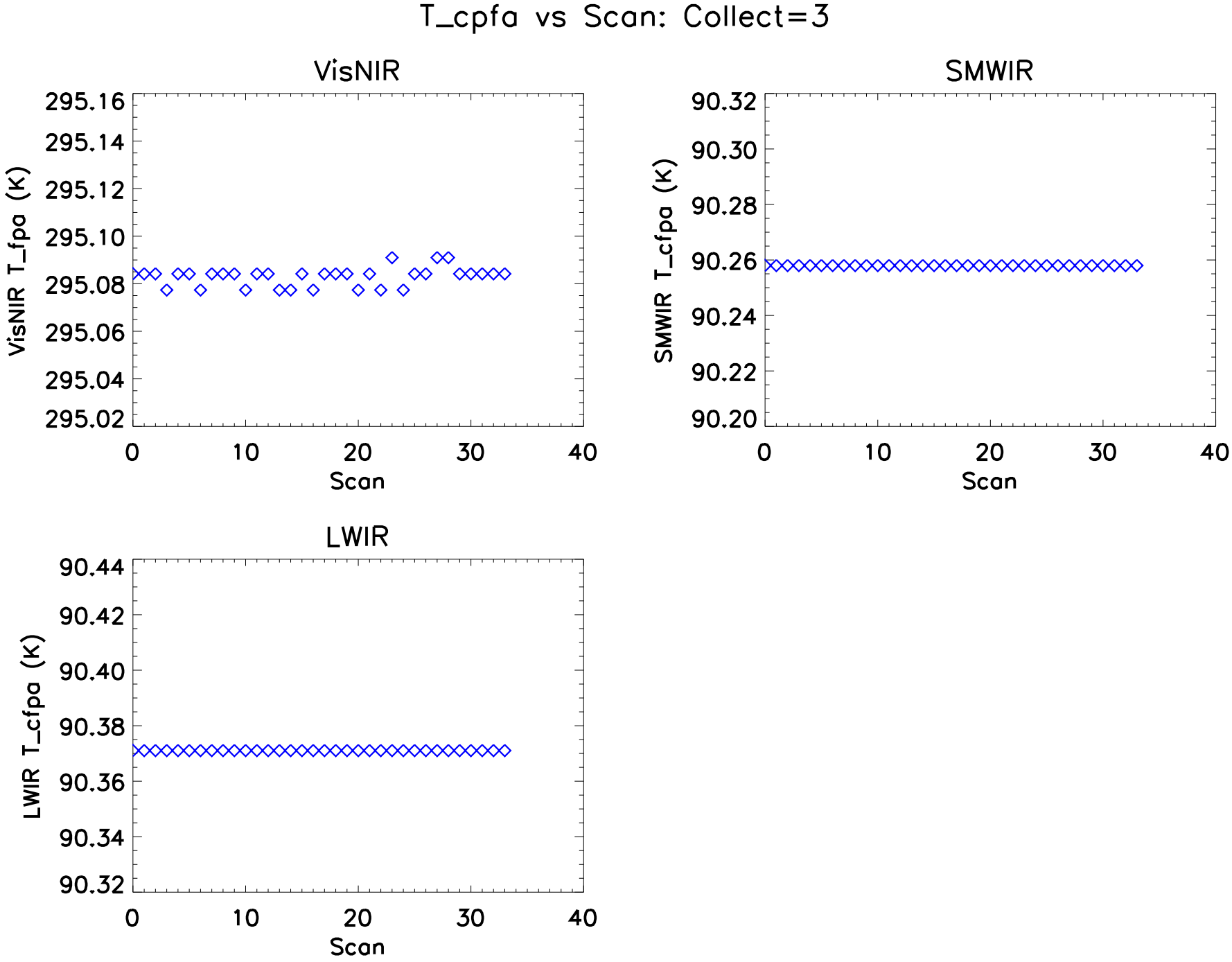

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
91.0
90.8
90.6
90.4
90.2
90.0
89.8
−2
0
2
4
6
8
Time (min)

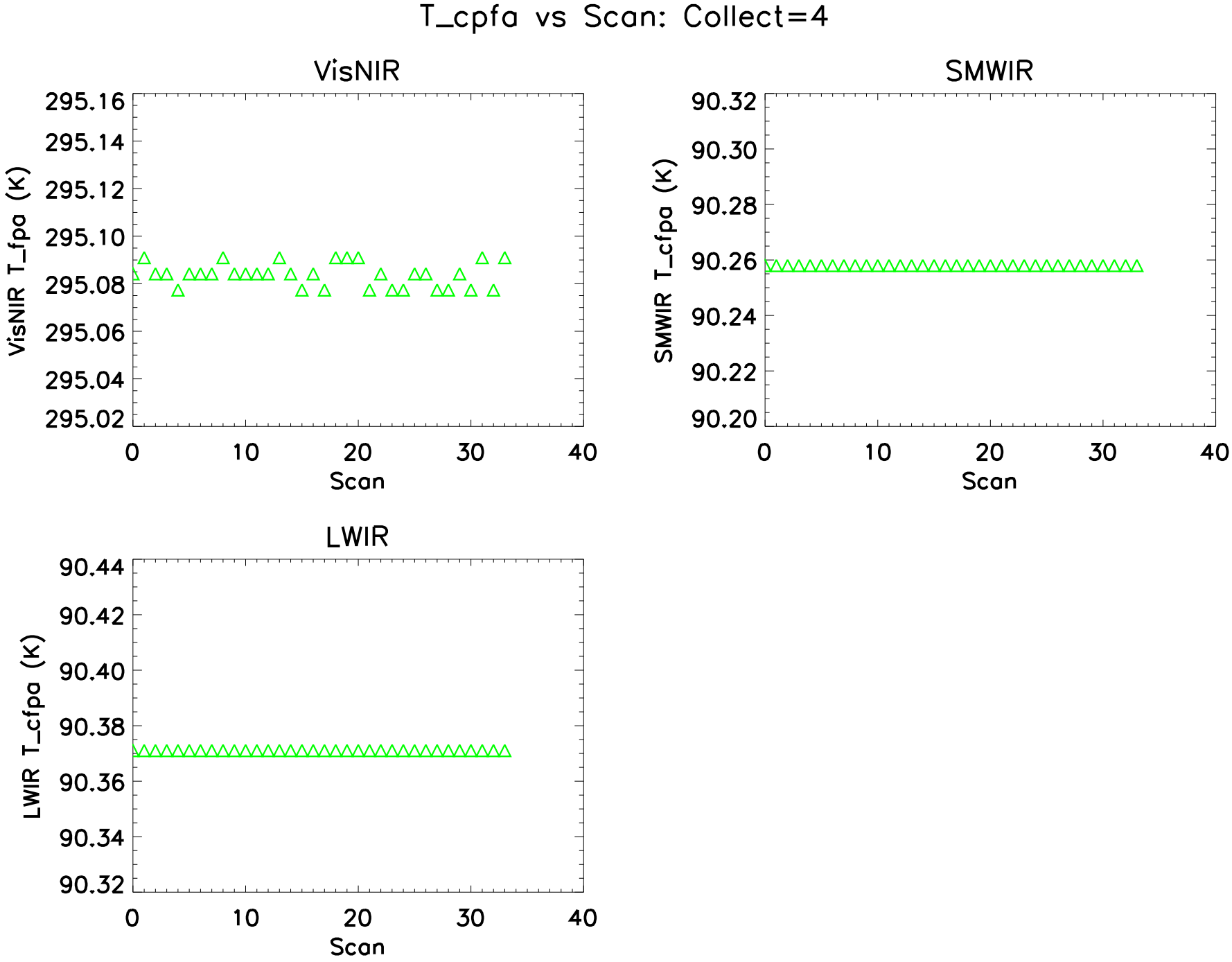
LWIR T_cfpa vs Scan

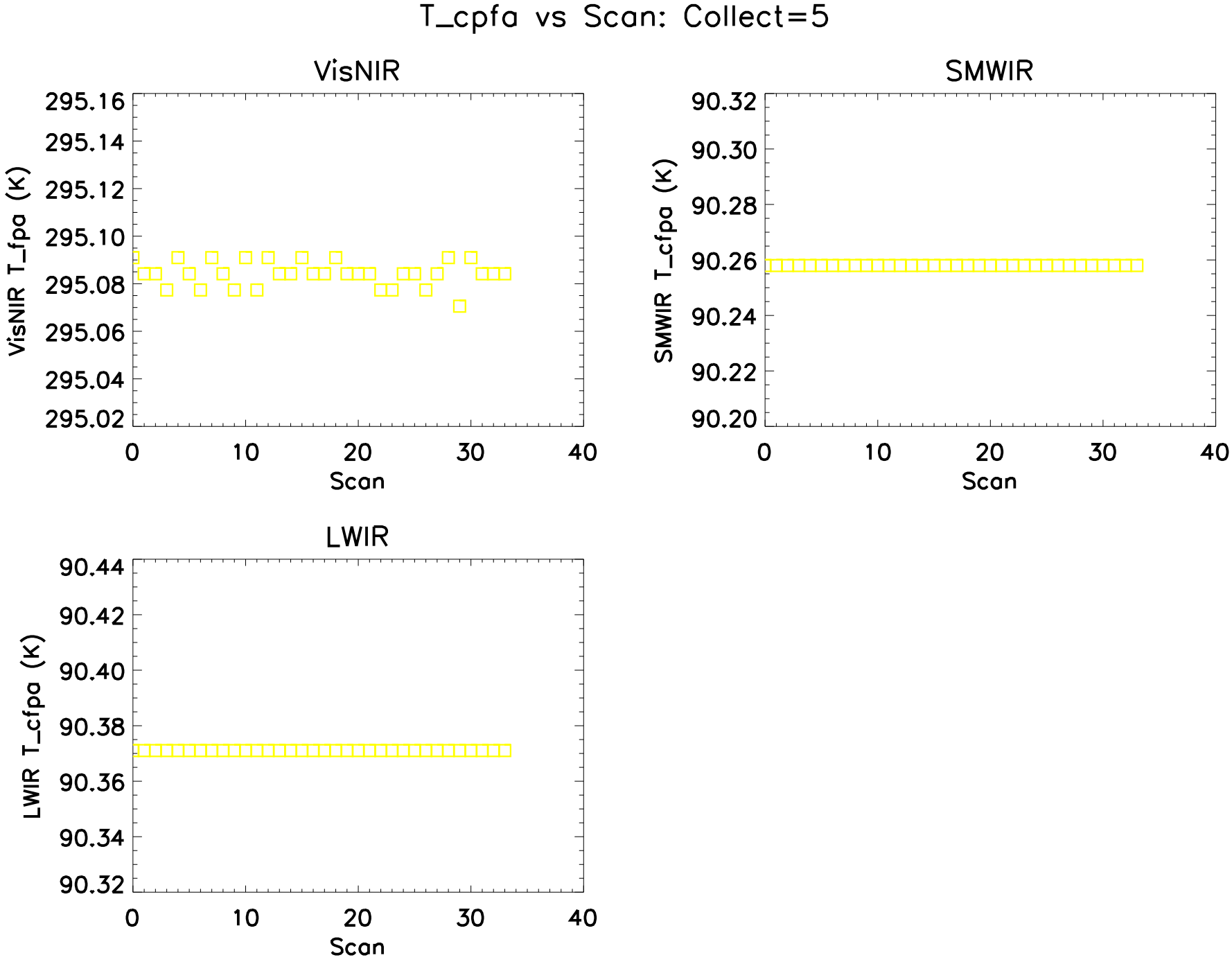


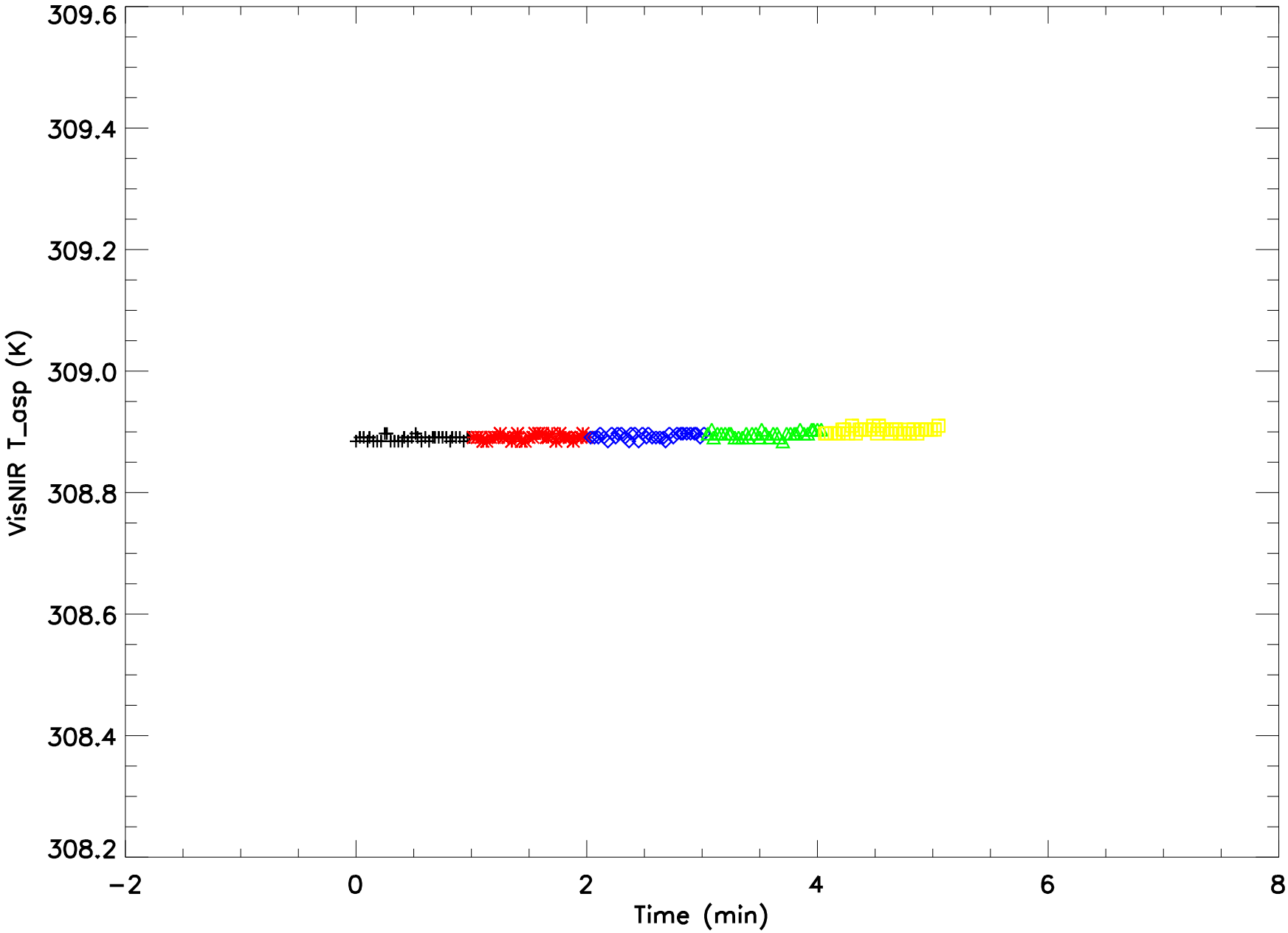

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
90.32
90.30
90.28
90.26
90.24
90.22
90.20
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
90.44
90.42
90.40
90.38
90.36
90.34
90.32
0
10
20
30
40
Scan


T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
90.32
90.30
90.28
90.26
90.24
90.22
90.20
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
90.44
90.42
90.40
90.38
90.36
90.34
90.32
0
10
20
30
40
Scan

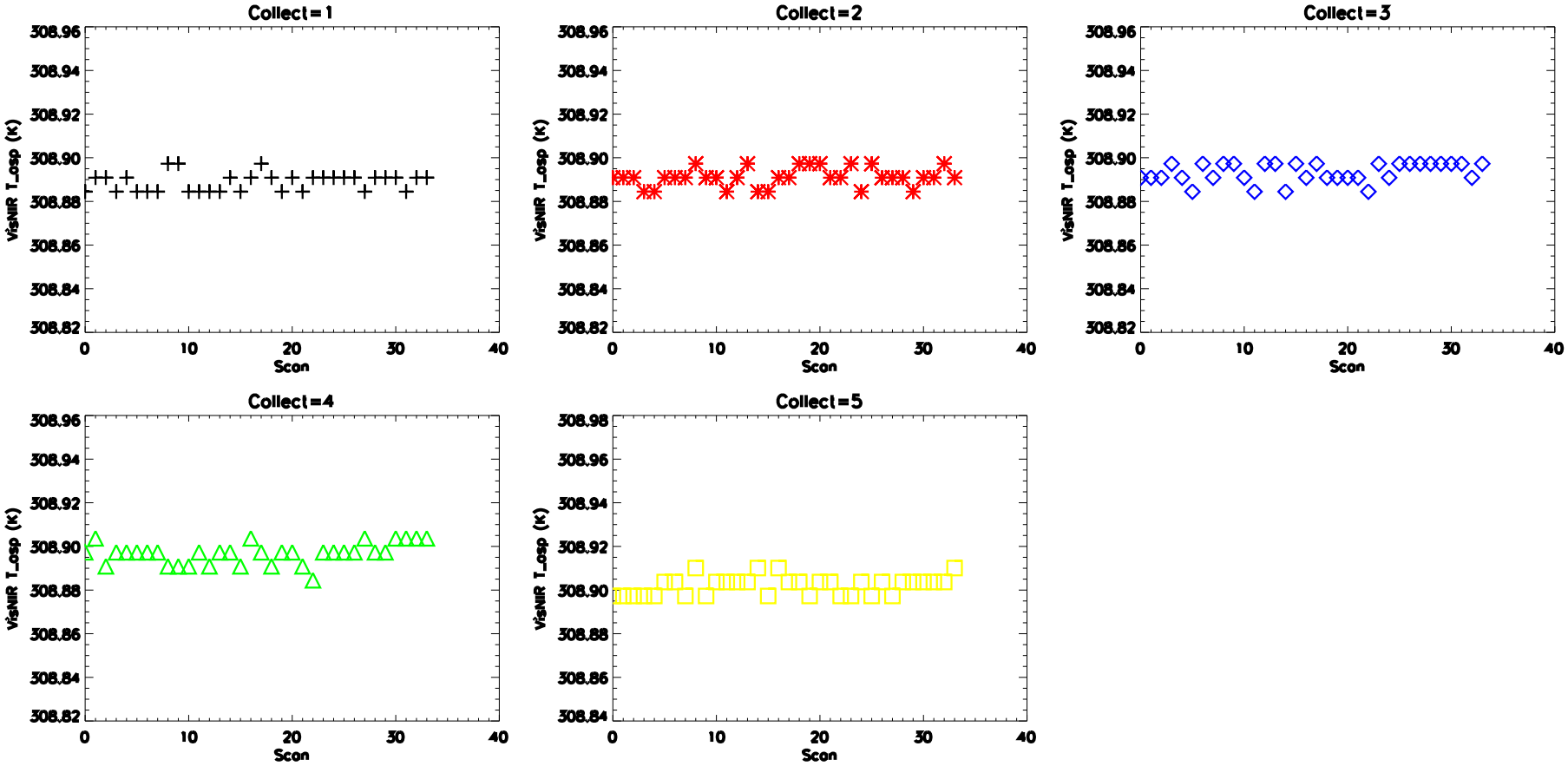

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
90.32
90.30
90.28
90.26
90.24
90.22
90.20
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
90.44
90.42
90.40
90.38
90.36
90.34
90.32
0
10
20
30
40
Scan

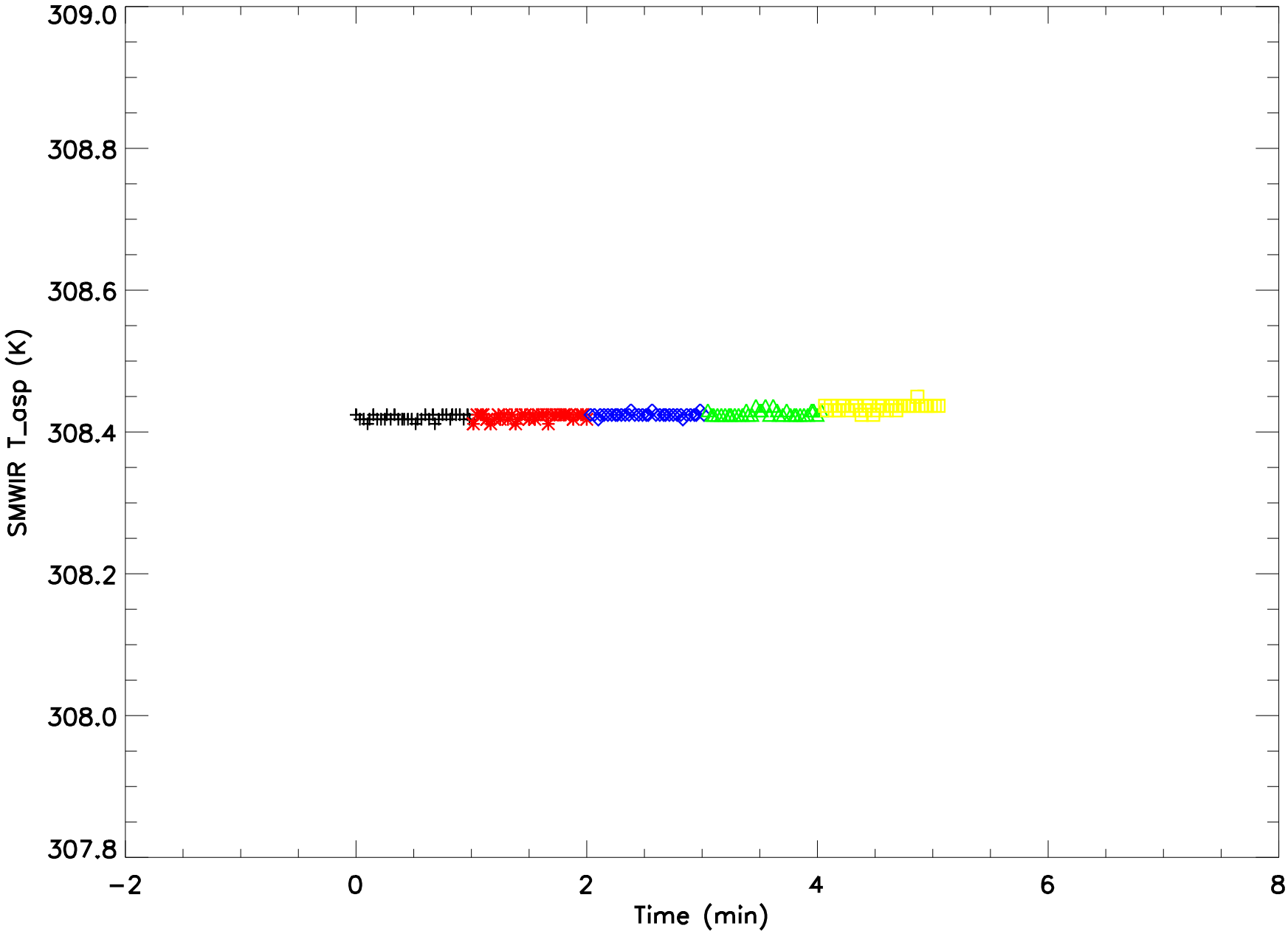

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
90.32
90.30
90.28
90.26
90.24
90.22
90.20
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
90.44
90.42
90.40
90.38
90.36
90.34
90.32
0
10
20
30
40
Scan


T_cpfa vs Scan: Collect=5
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
Scan
SMWIR
SMWIR T_cfpa (K)
90.32
90.30
90.28
90.26
90.24
90.22
90.20
0
10
20
30
40
Scan
LWIR
LWIR T_cfpa (K)
90.44
90.42
90.40
90.38
90.36
90.34
90.32
0
10
20
30
40
Scan

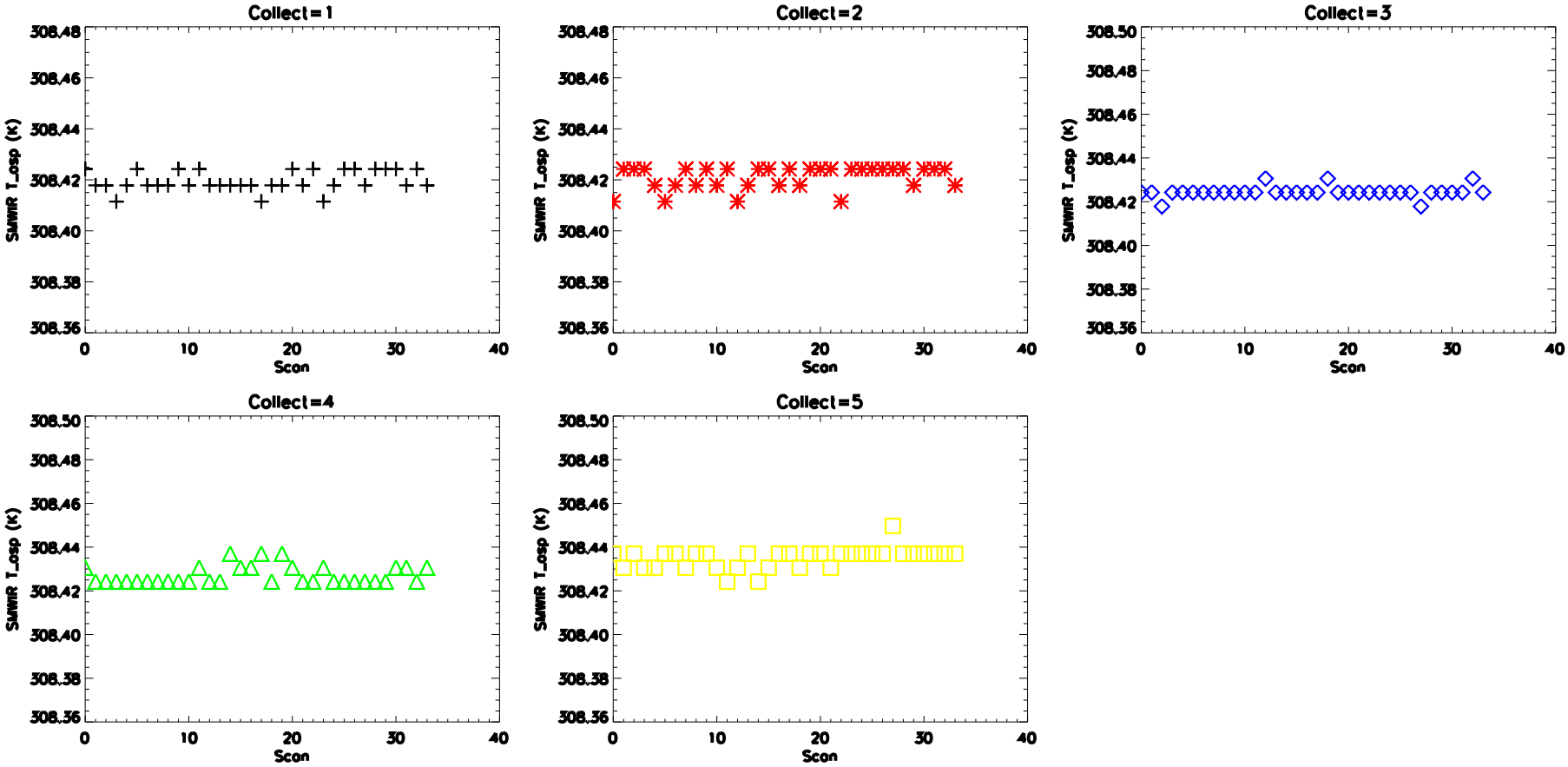

VisNIR T_asp vs Time
VisNIR T_asp (K)
309.6
309.4
309.2
309.0
308.8
308.6
308.4
308.2
−2
0
2
4
6
8
Time (min)

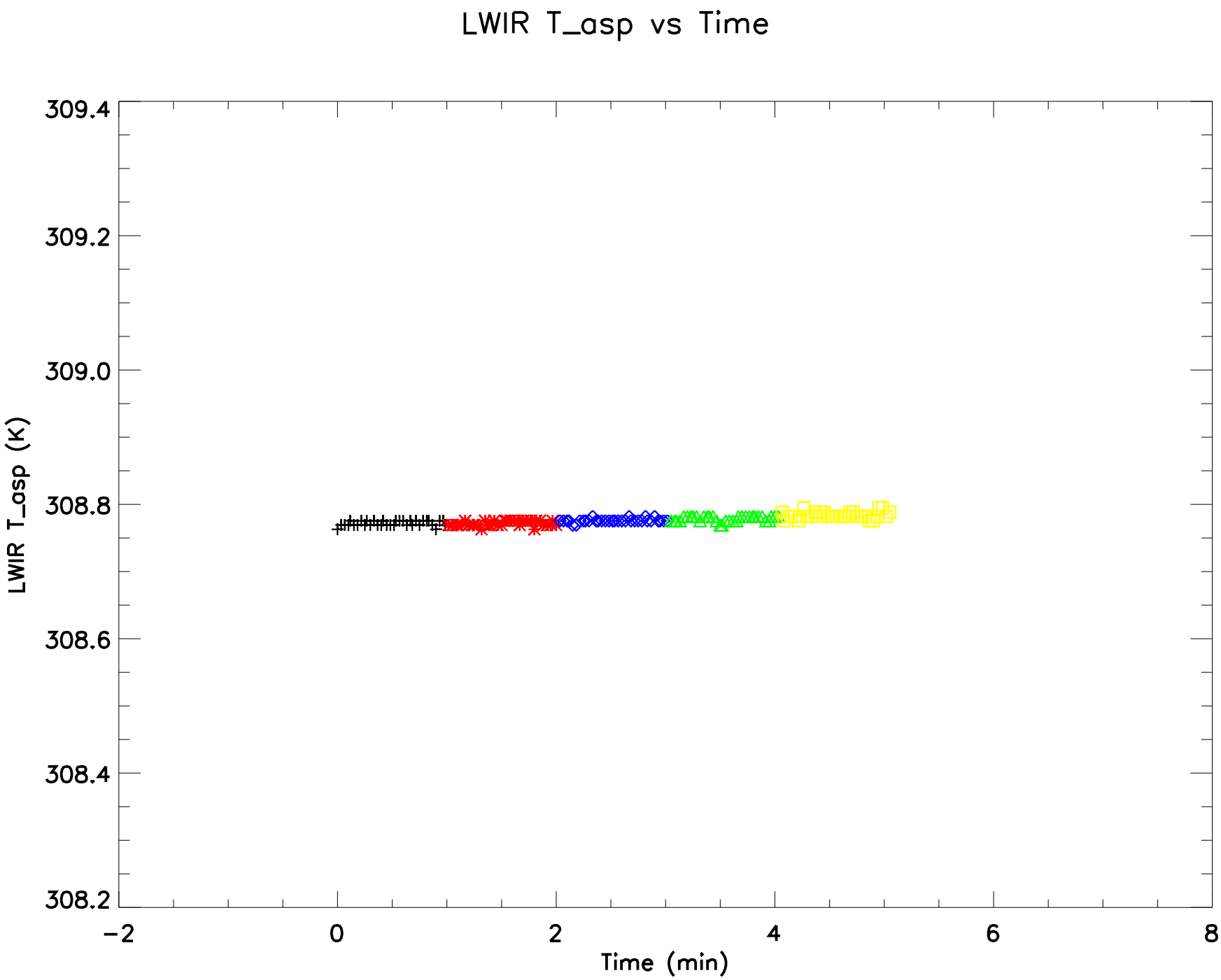
VisNIR T_asp vs Scan



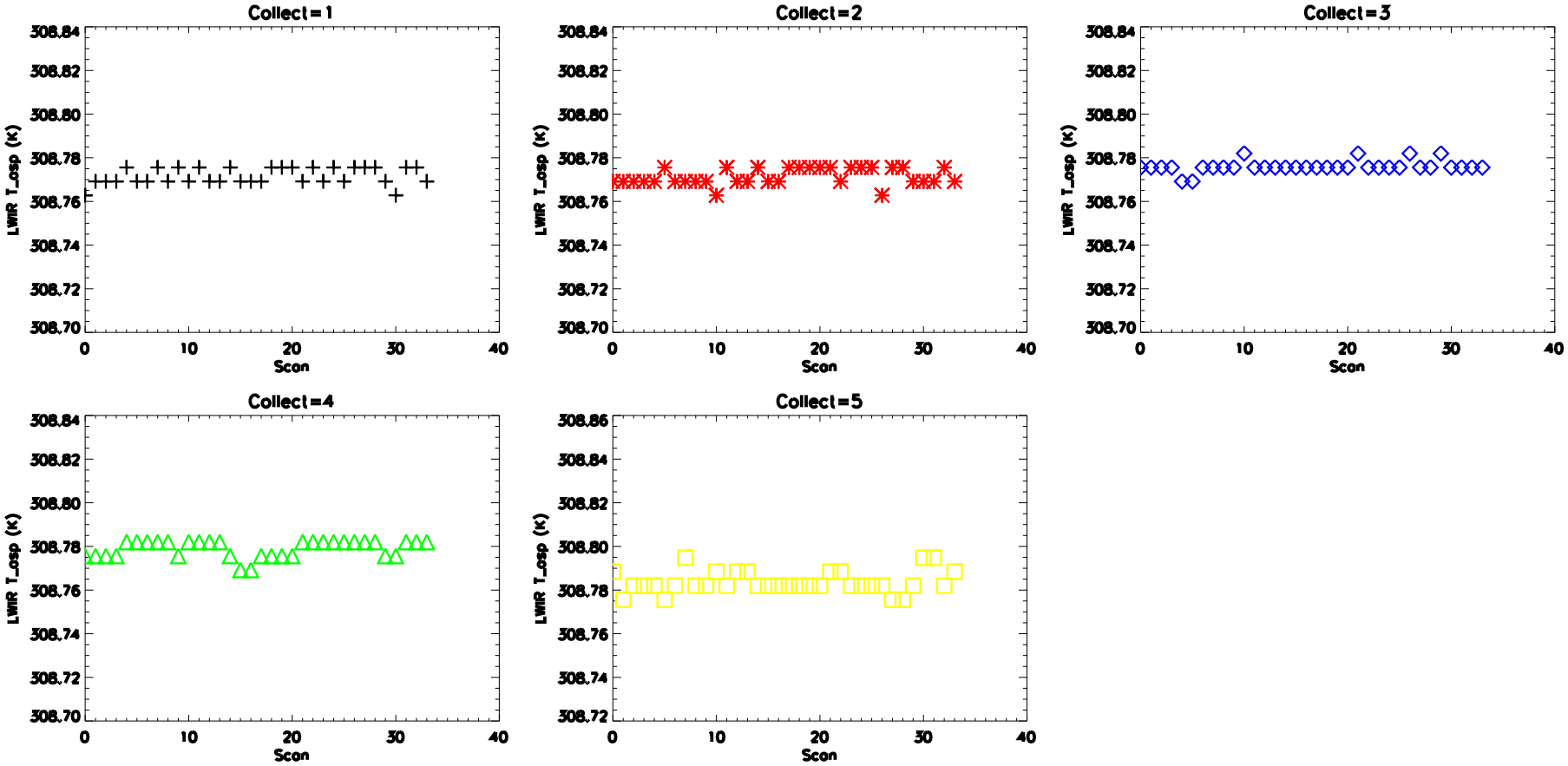

SMWIR T_asp vs Time
309.0
308.8
308.6
308.4
308.2
308.0
307.8
SMWIR T_asp (K)
−2
0
2
4
6
8
Time (min)

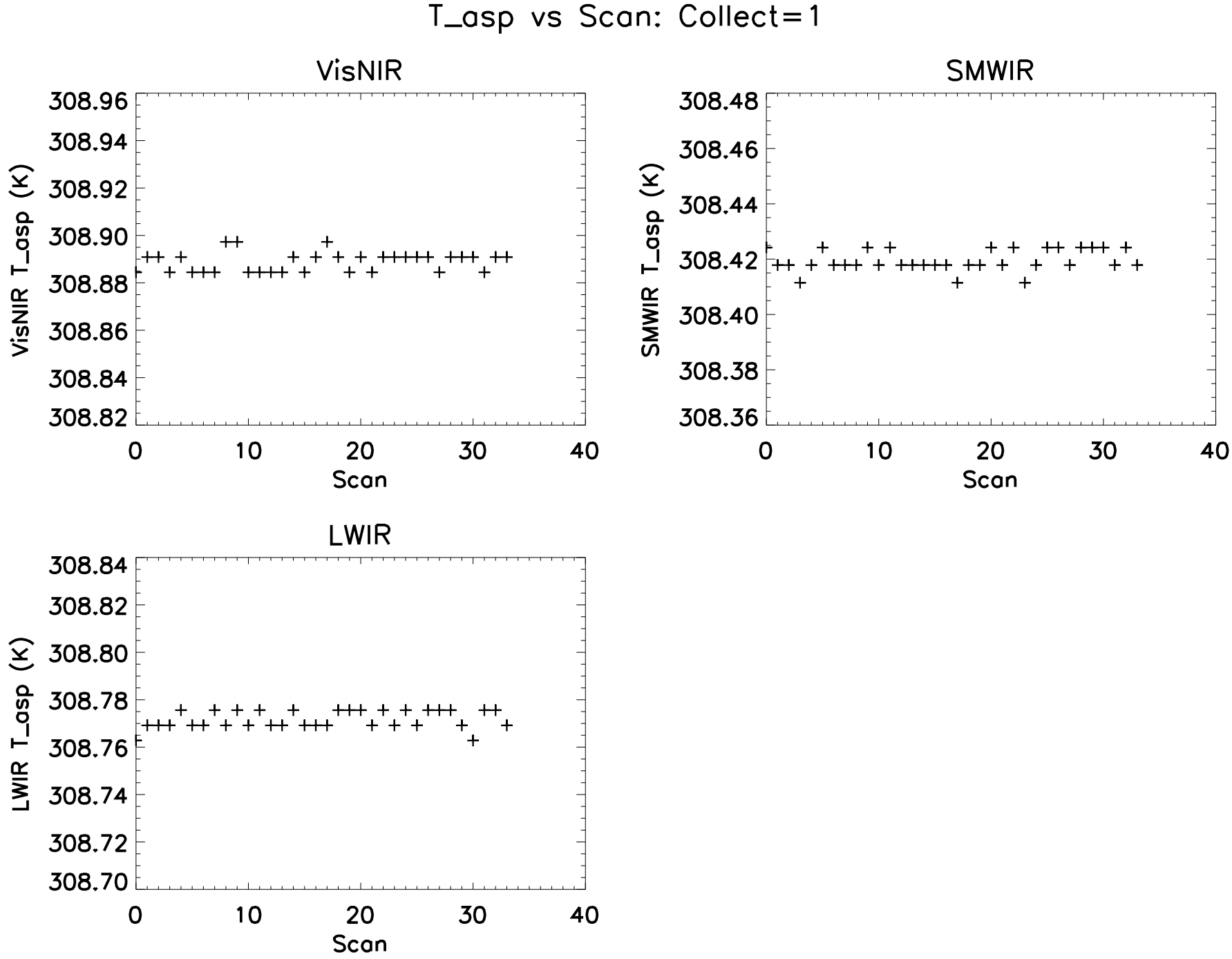
SMWIR T_asp vs Scan

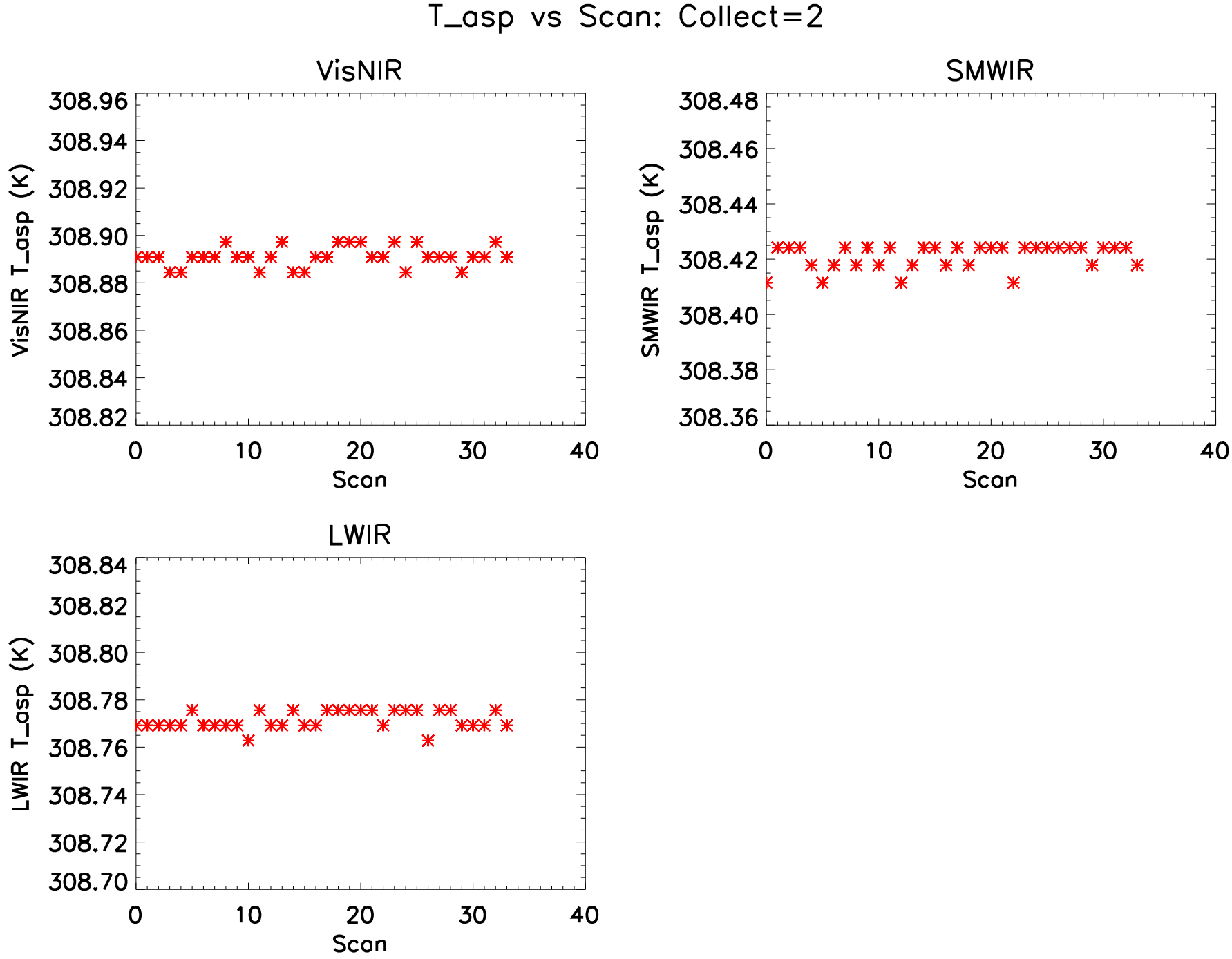


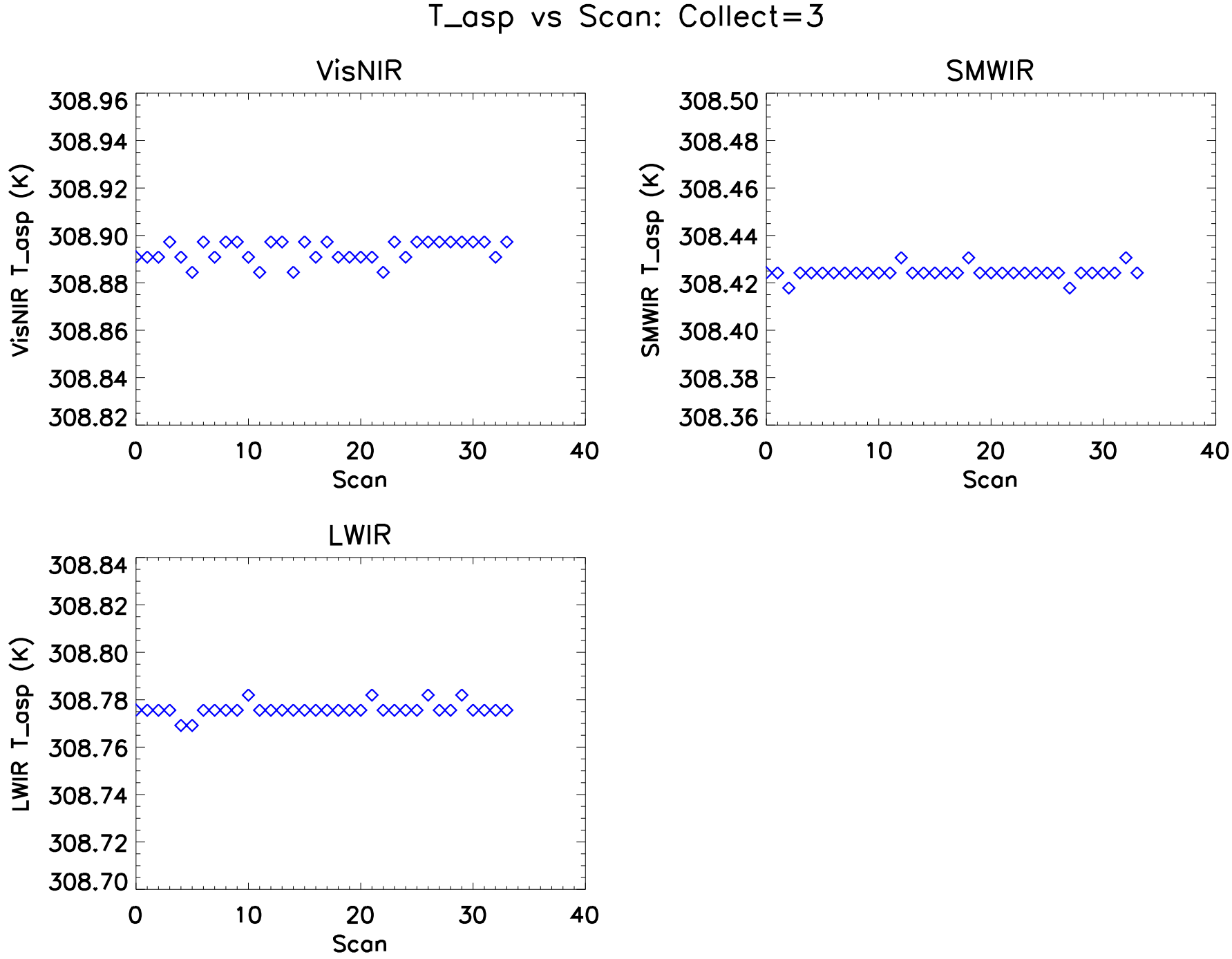

LWIR T_asp vs Time
LWIR T_asp (K)
309.4
309.2
309.0
308.8
308.6
308.4
308.2
−2
0
2
4
6
8
Time (min)

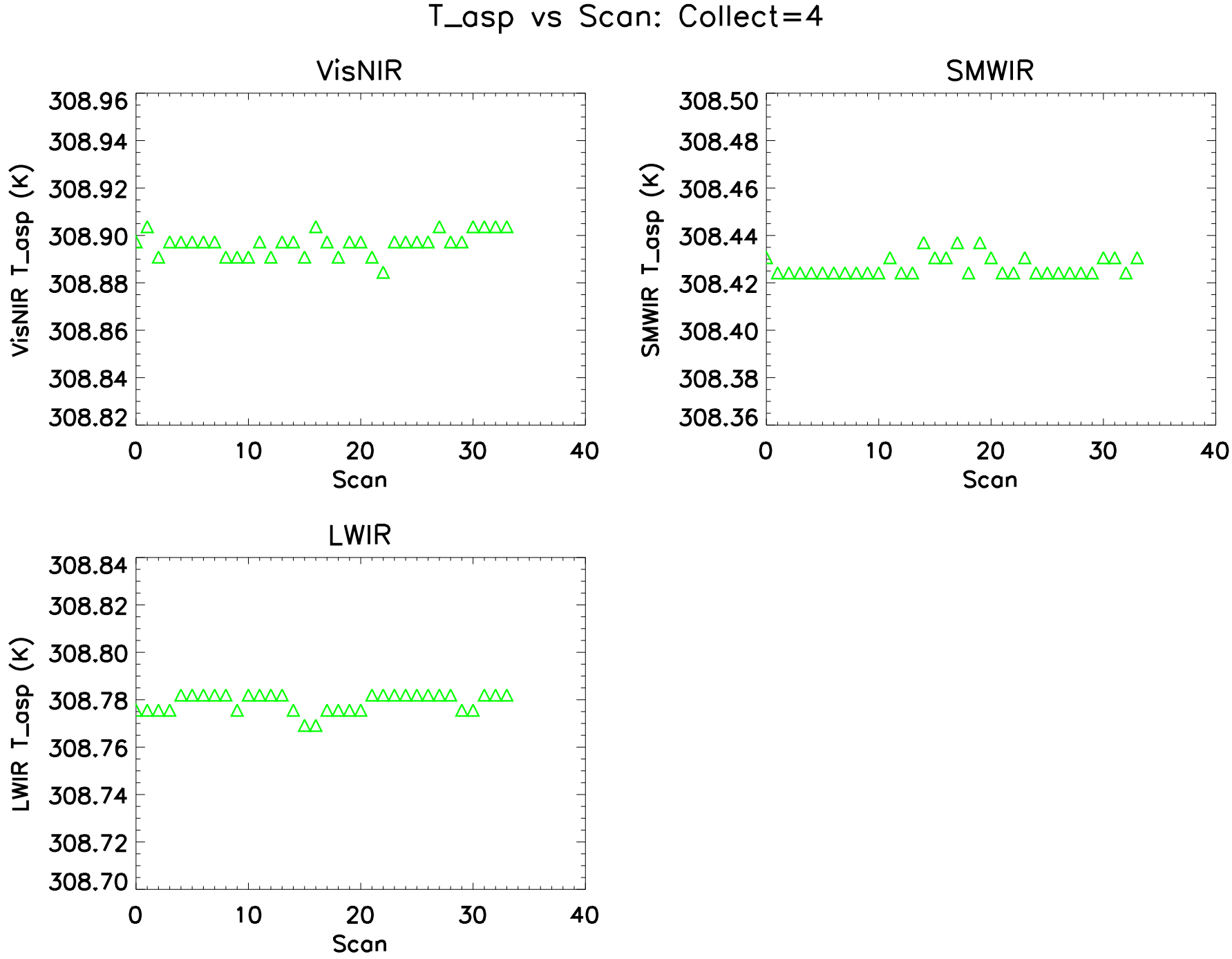
LWIR T_asp vs Scan

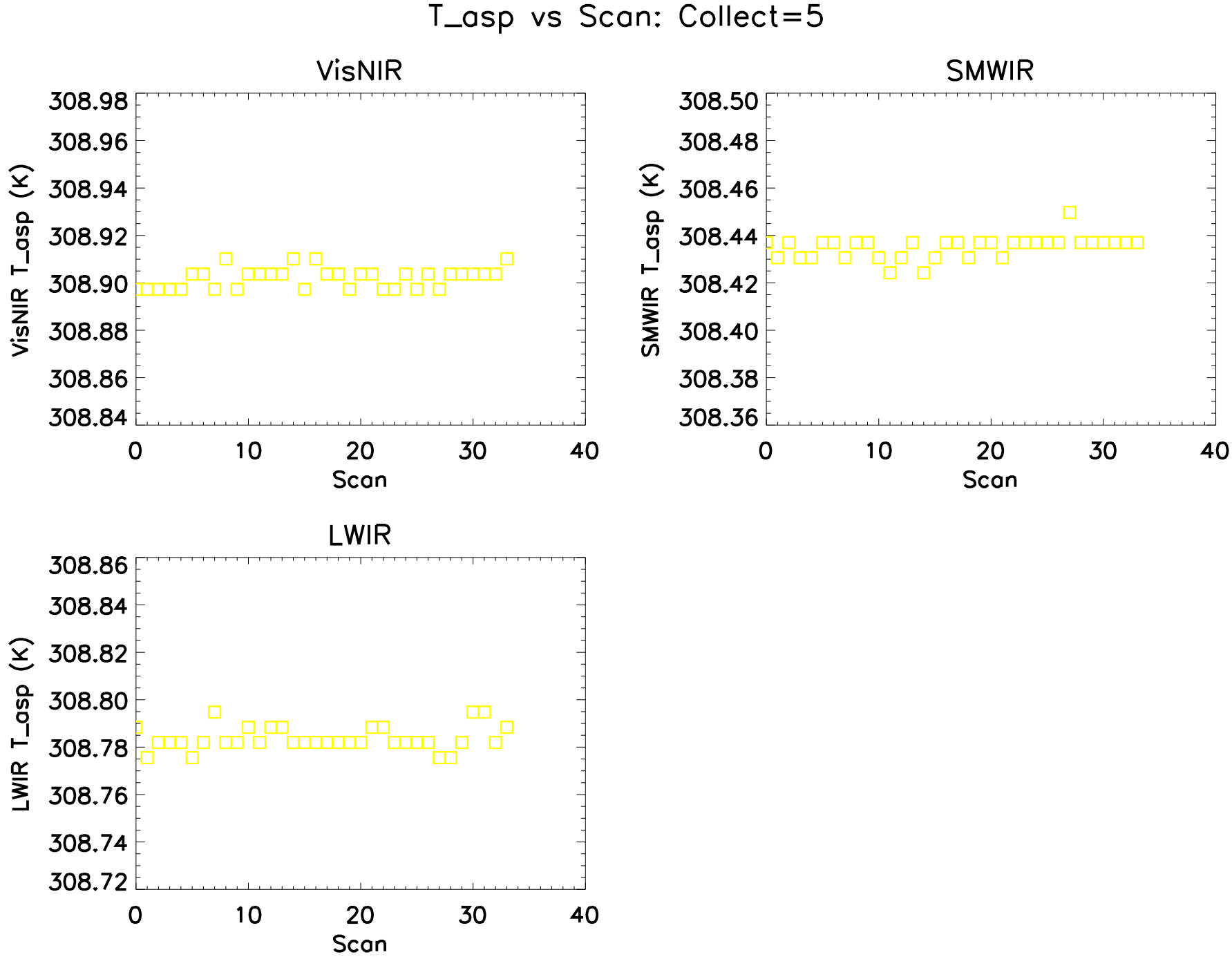


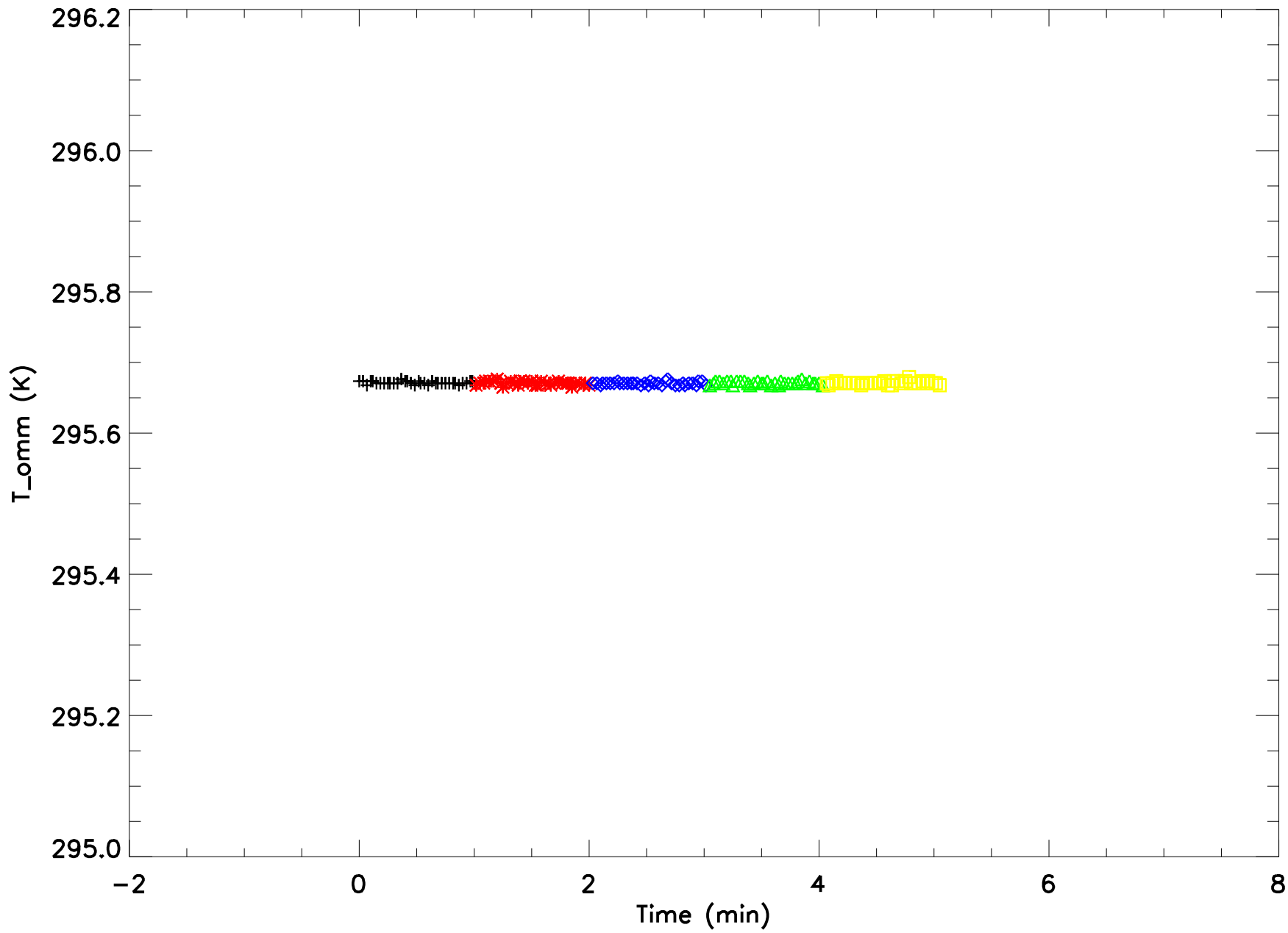

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
308.96
308.94
308.92
308.90
308.88
308.86
308.84
308.82
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
308.48
308.46
308.44
308.42
308.40
308.38
308.36
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
308.84
308.82
308.80
308.78
308.76
308.74
308.72
308.70
0
10
20
30
40
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
308.96
308.94
308.92
308.90
308.88
308.86
308.84
308.82
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
308.48
308.46
308.44
308.42
308.40
308.38
308.36
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
308.84
308.82
308.80
308.78
308.76
308.74
308.72
308.70
0
10
20
30
40
Scan

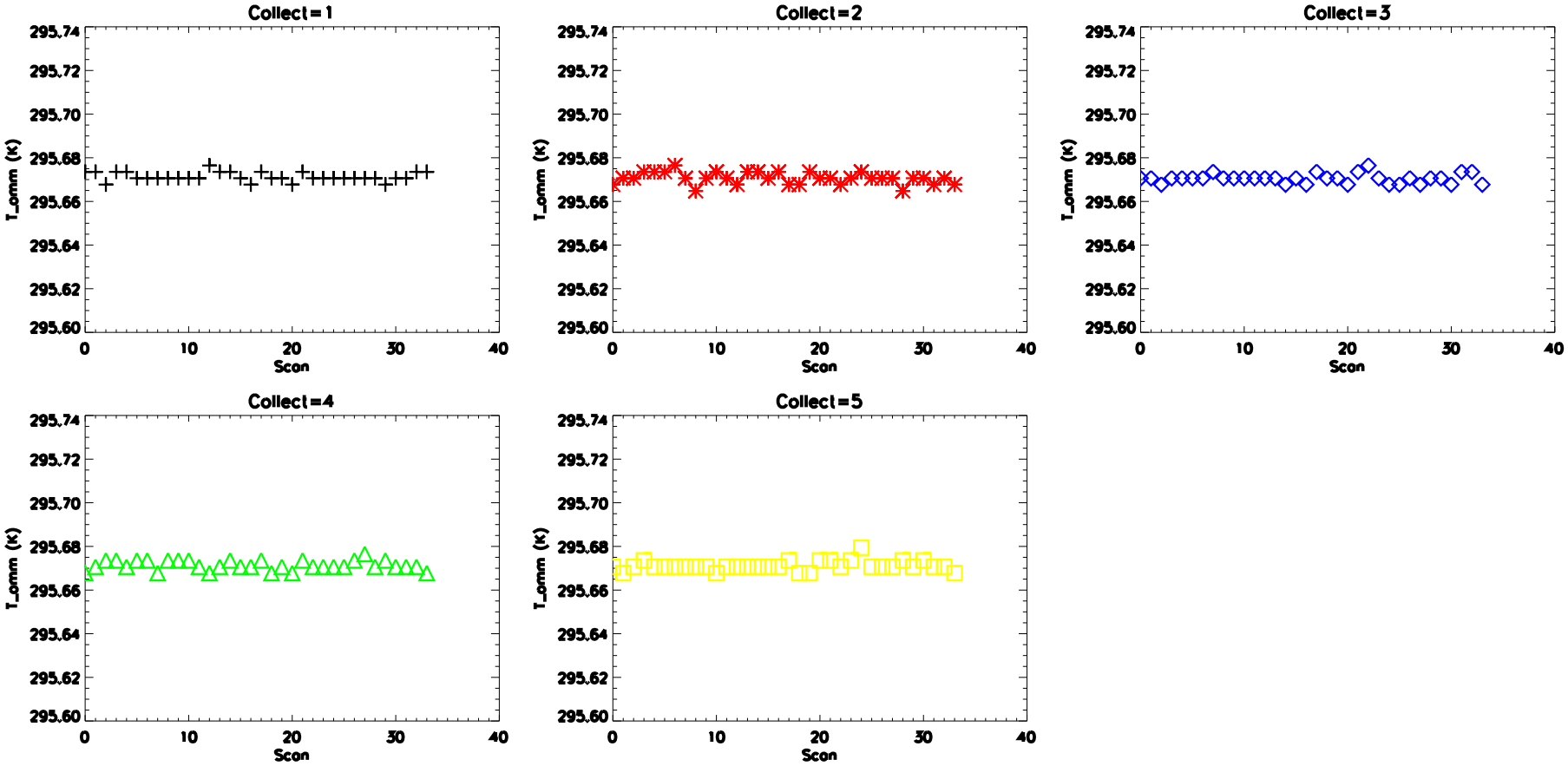

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
308.96
308.94
308.92
308.90
308.88
308.86
308.84
308.82
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
308.50
308.48
308.46
308.44
308.42
308.40
308.38
308.36
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
308.84
308.82
308.80
308.78
308.76
308.74
308.72
308.70
0
10
20
30
40
Scan


T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
308.96
308.94
308.92
308.90
308.88
308.86
308.84
308.82
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
308.50
308.48
308.46
308.44
308.42
308.40
308.38
308.36
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
308.84
308.82
308.80
308.78
308.76
308.74
308.72
308.70
0
10
20
30
40
Scan


T_asp vs Scan: Collect=5
VisNIR
VisNIR T_asp (K)
308.98
308.96
308.94
308.92
308.90
308.88
308.86
308.84
0
10
20
30
40
Scan
SMWIR
SMWIR T_asp (K)
308.50
308.48
308.46
308.44
308.42
308.40
308.38
308.36
0
10
20
30
40
Scan
LWIR
LWIR T_asp (K)
308.86
308.84
308.82
308.80
308.78
308.76
308.74
308.72
0
10
20
30
40
Scan


T_omm vs Time
296.2
296.0
295.8
295.6
295.4
295.2
295.0
T_omm (K)
−2
0
2
4
6
8
Time (min)

T_omm vs Scan


Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
T_omm (K)
Scan
295.74
295.72
295.70
295.68
295.66
295.64
295.62
295.60
0
10
20
30
40