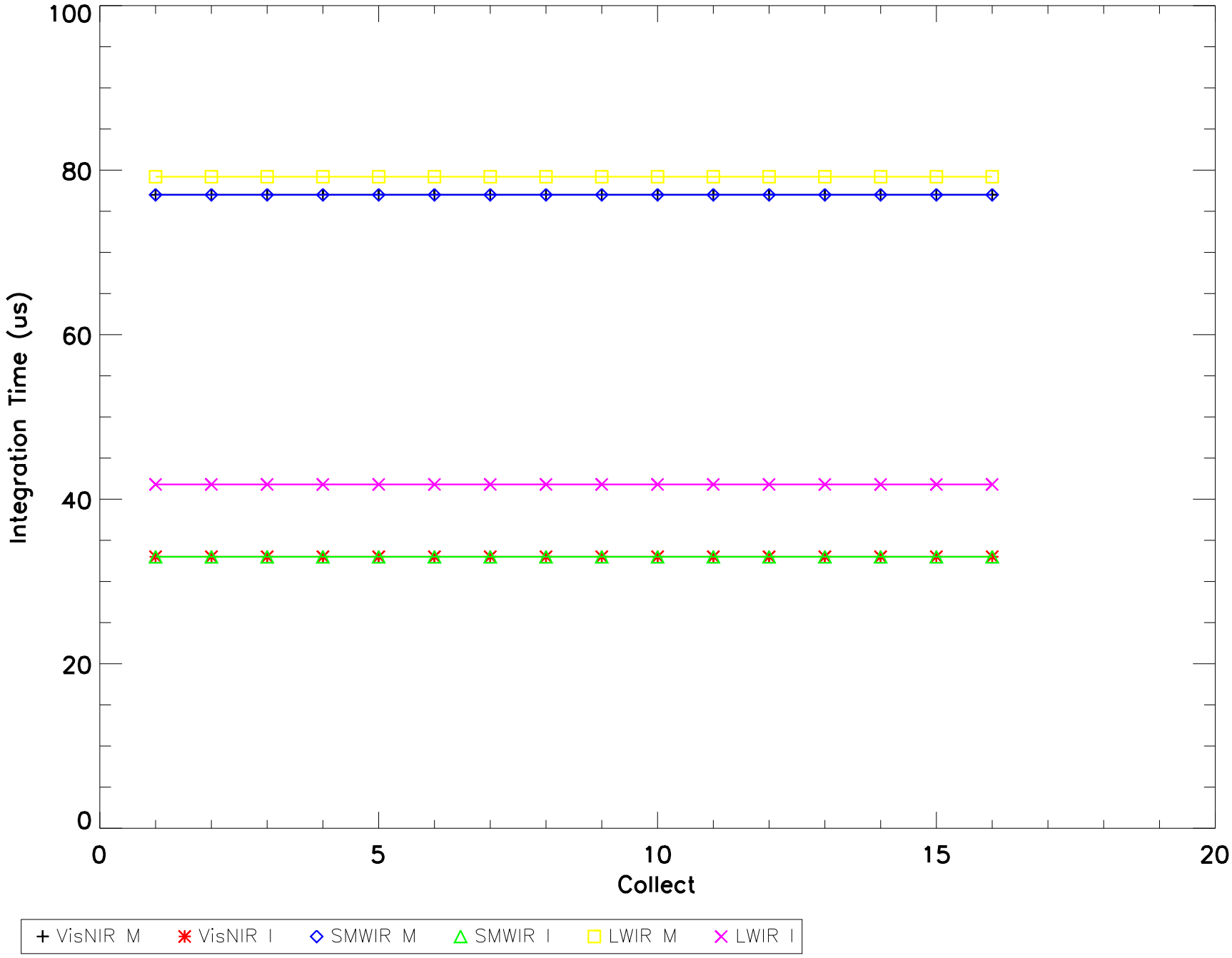
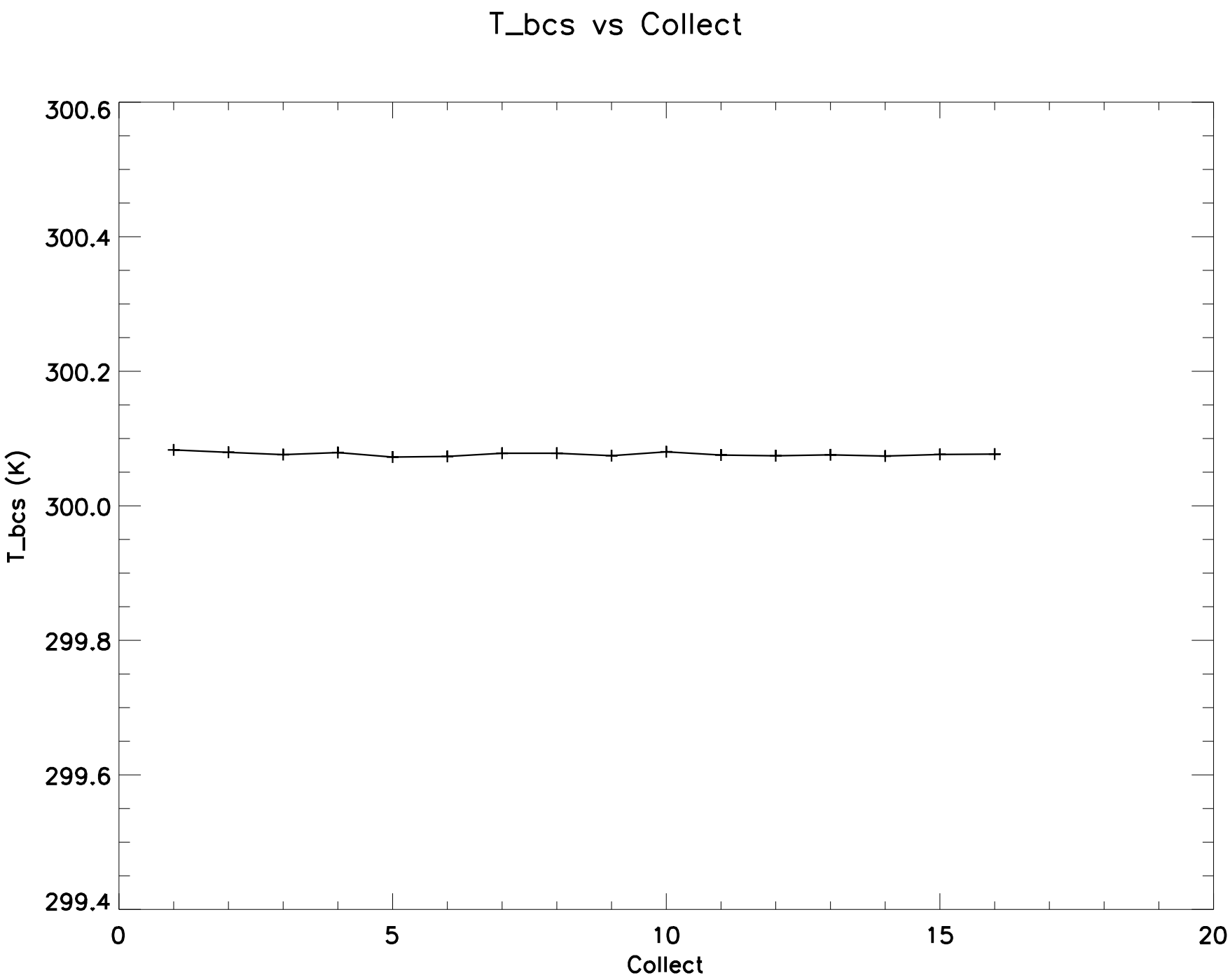
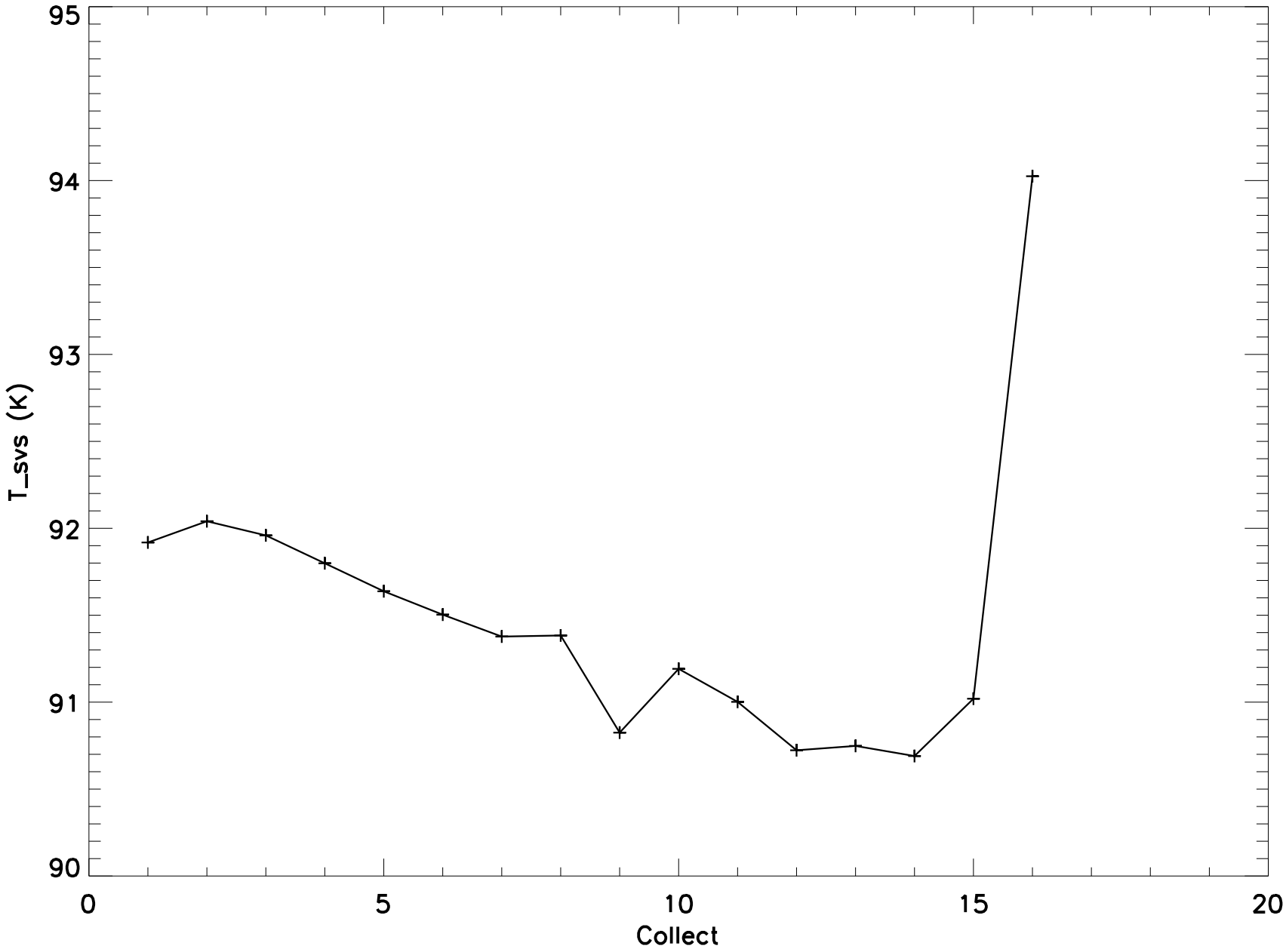
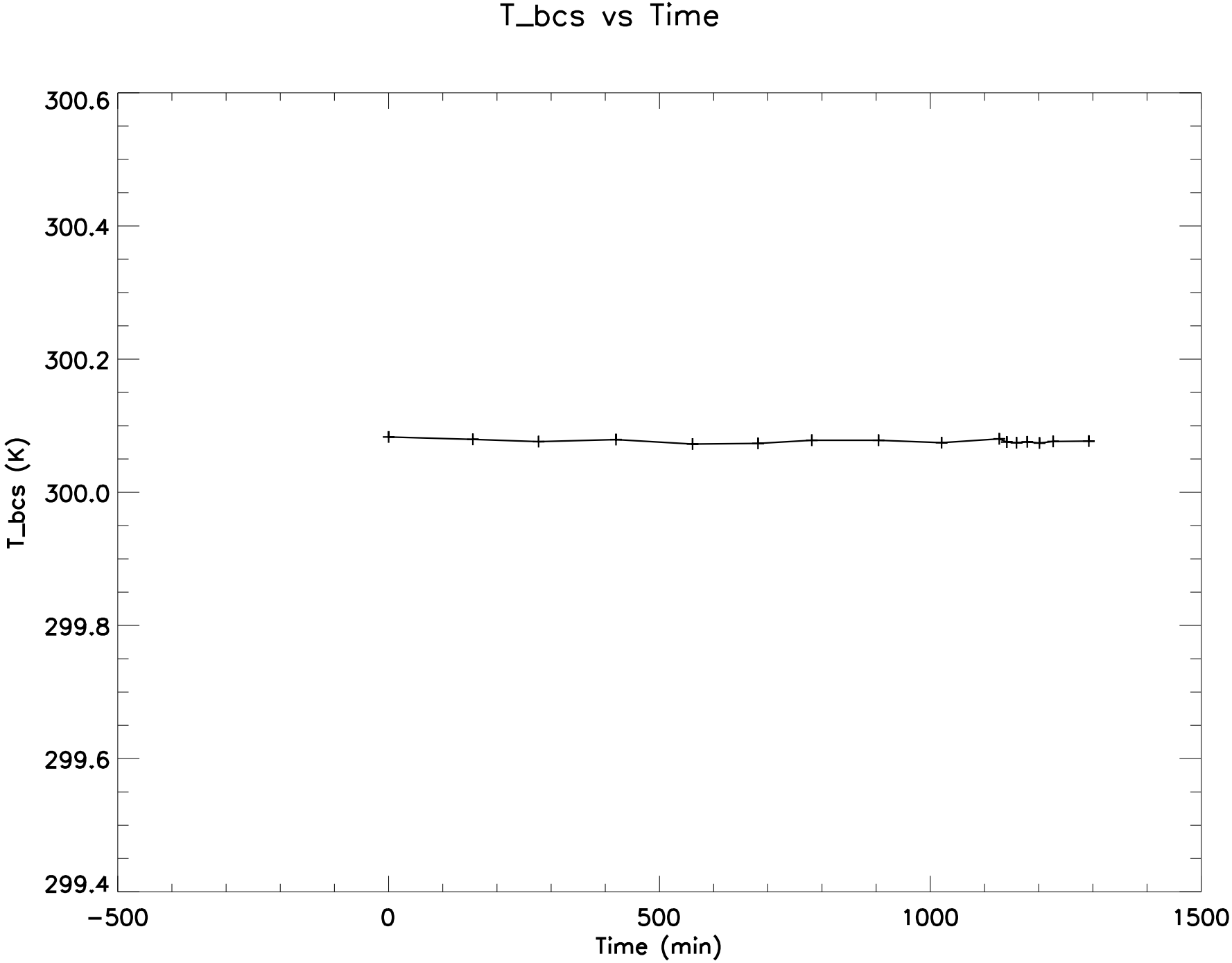
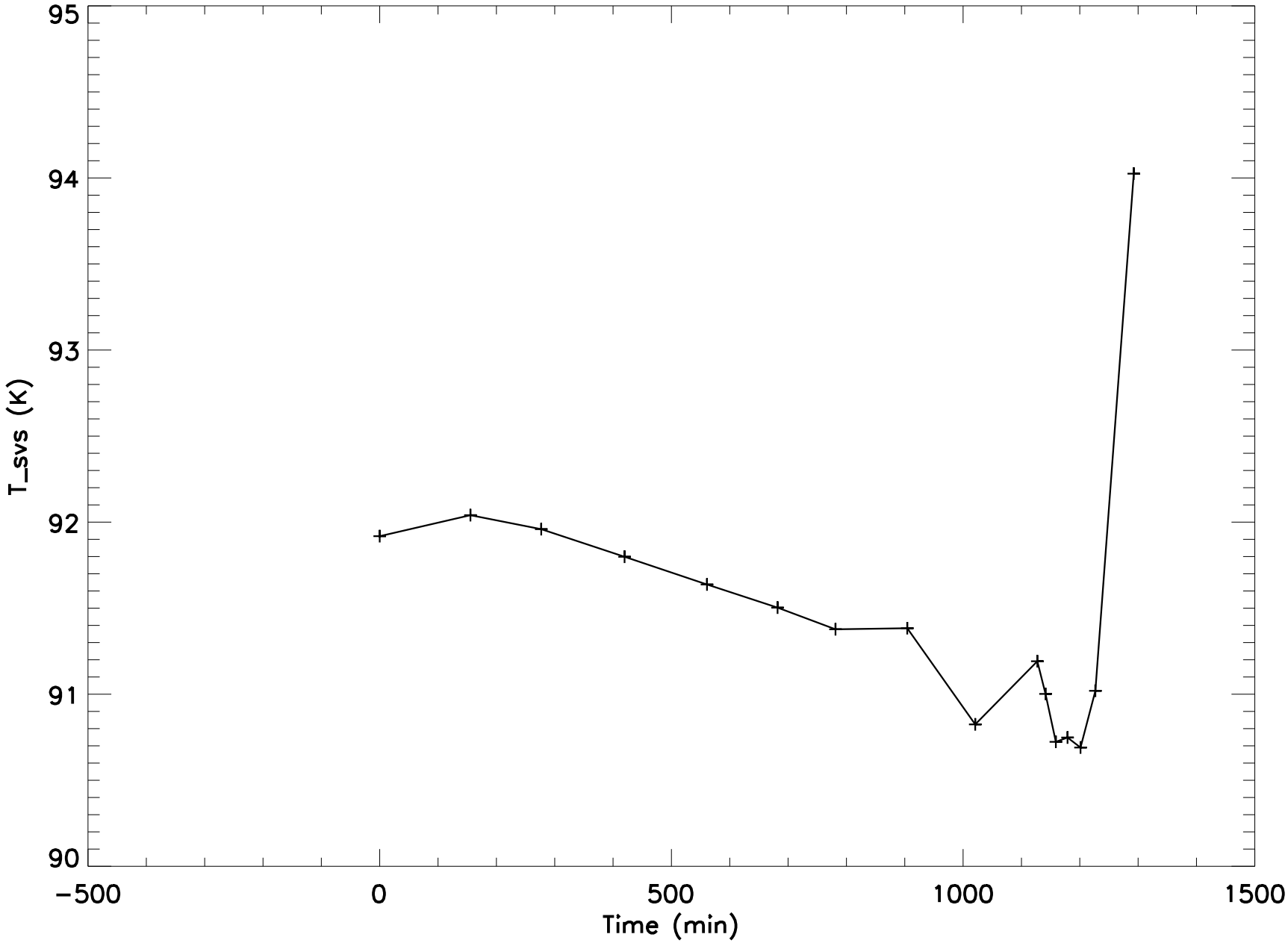
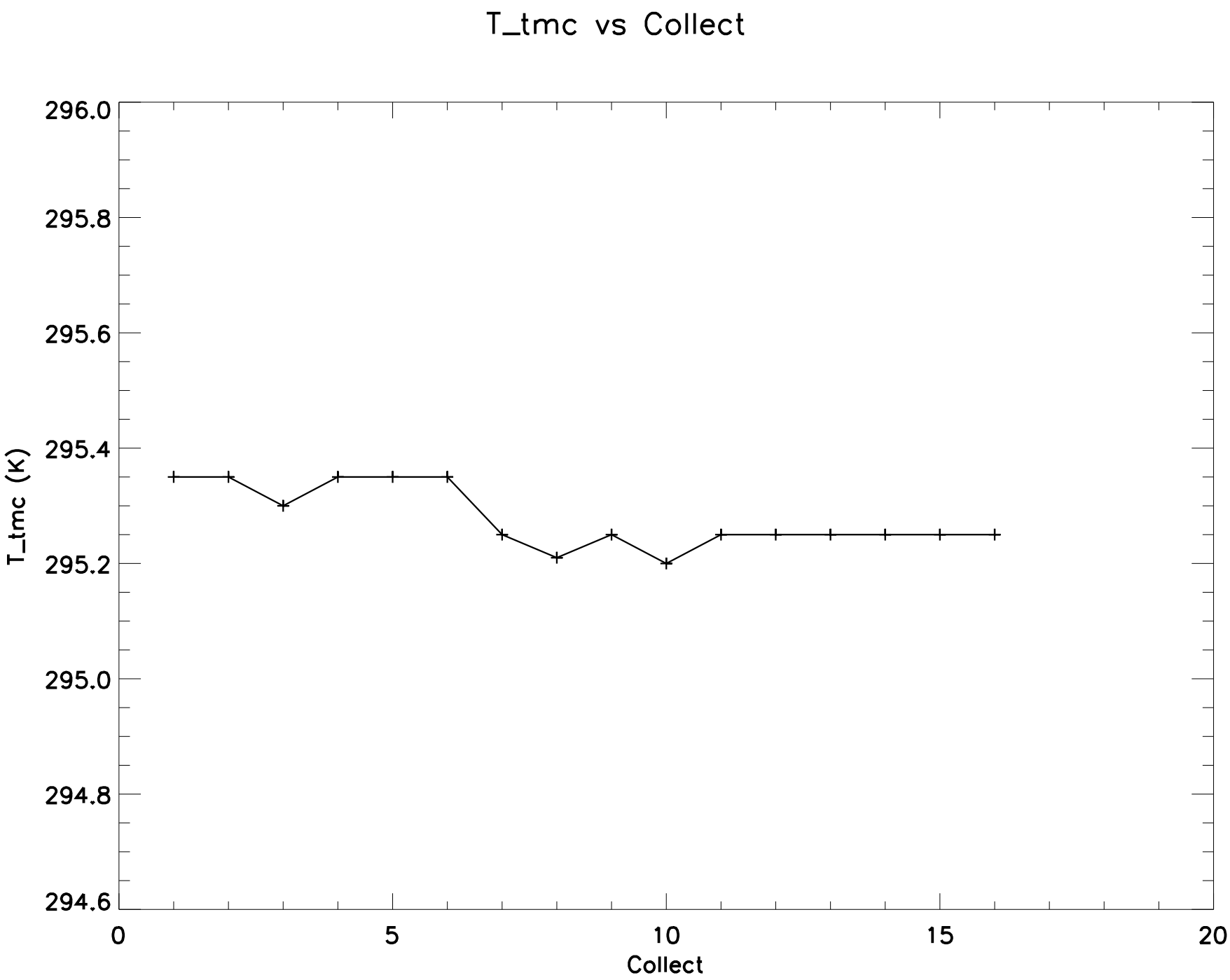

Integration Time vs Collect
Integration Time (us)
100
80
60
40
20
0
0
5
10
15
20
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

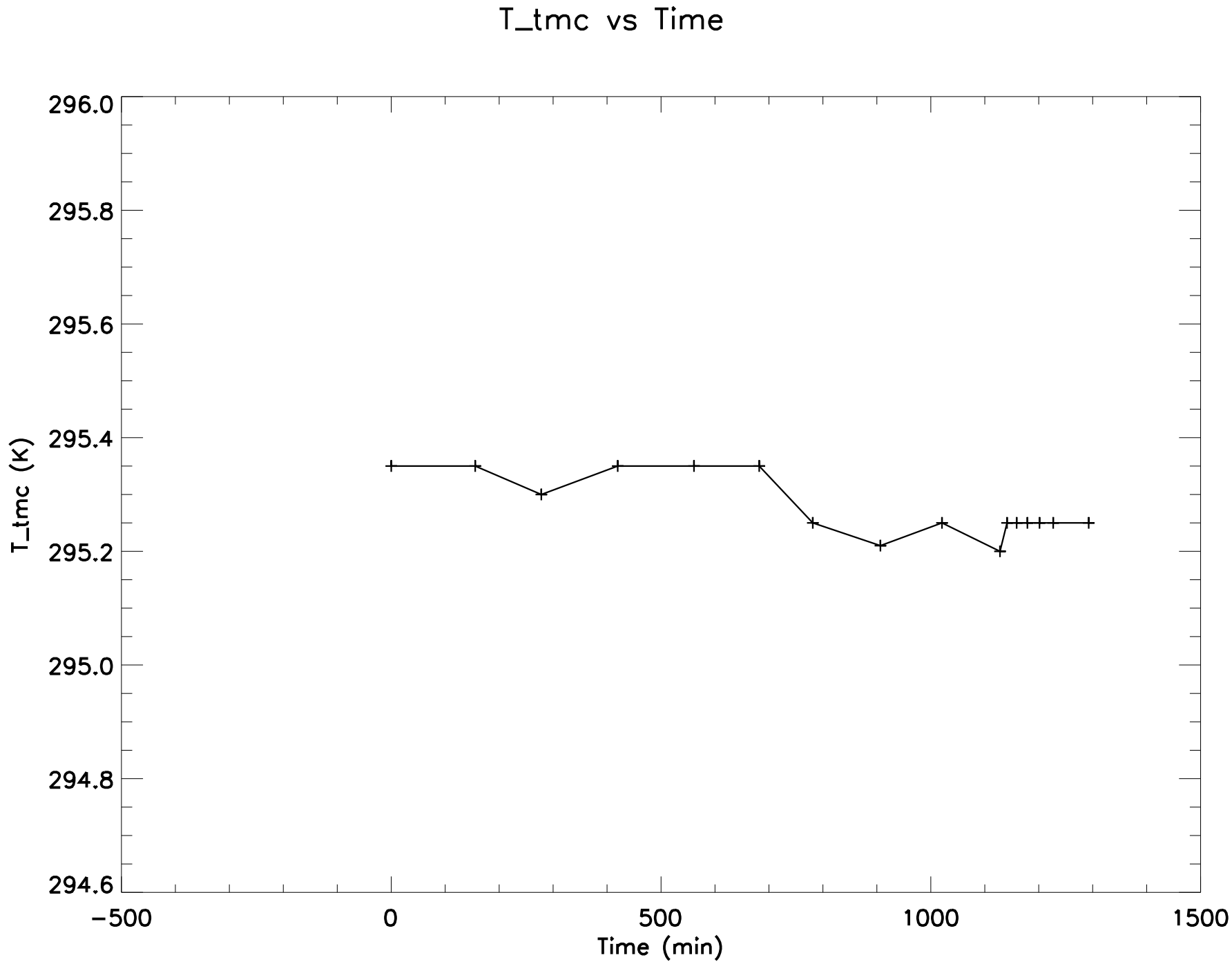

T_bcs vs Collect
300.6
300.4
300.2
300.0
299.8
299.6
299.4
T_bcs (K)
0
5
10
15
20
Collect

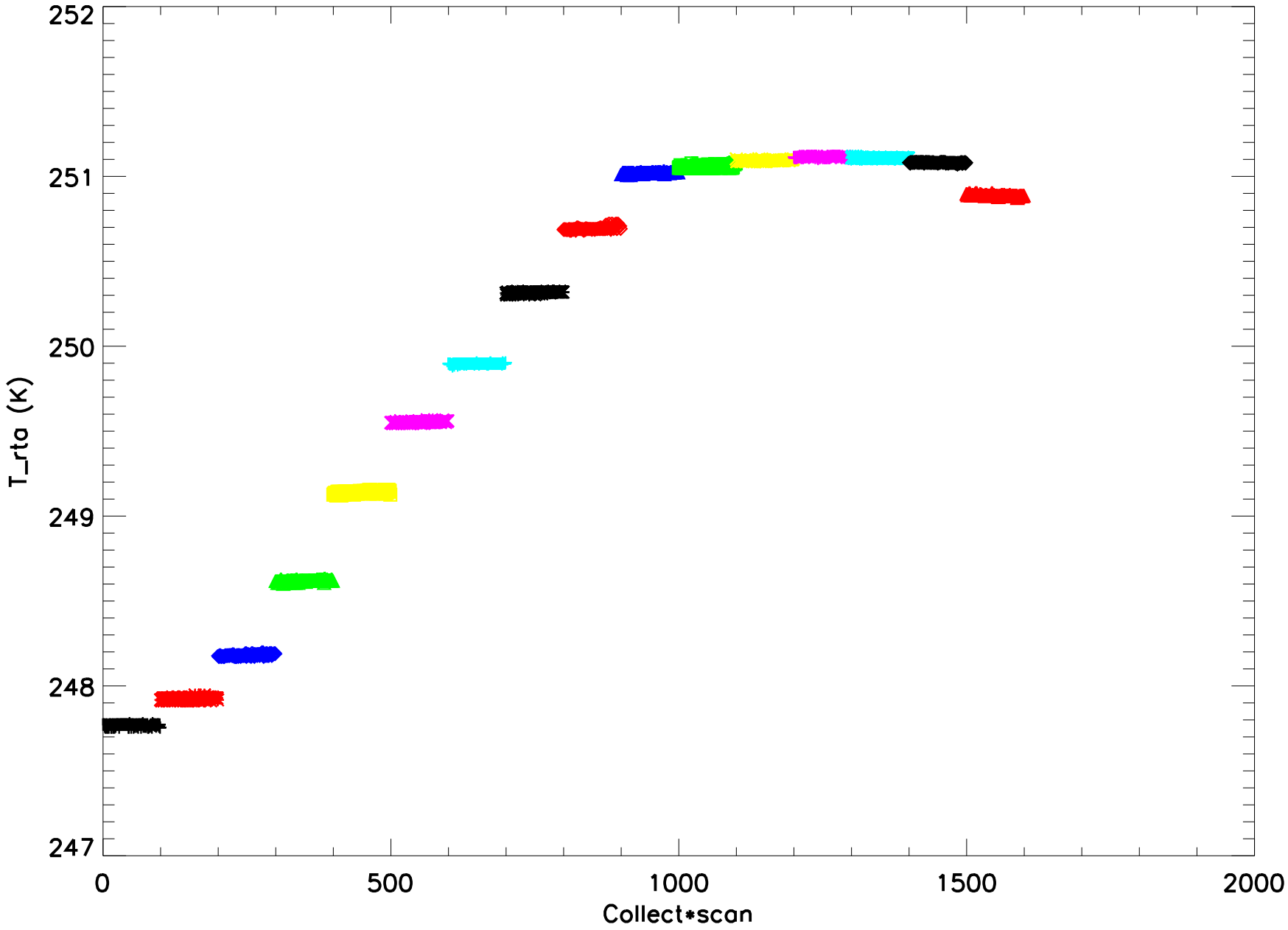

T_svs vs Collect
95
94
93
92
91
90
T_svs (K)
0
5
10
15
20
Collect

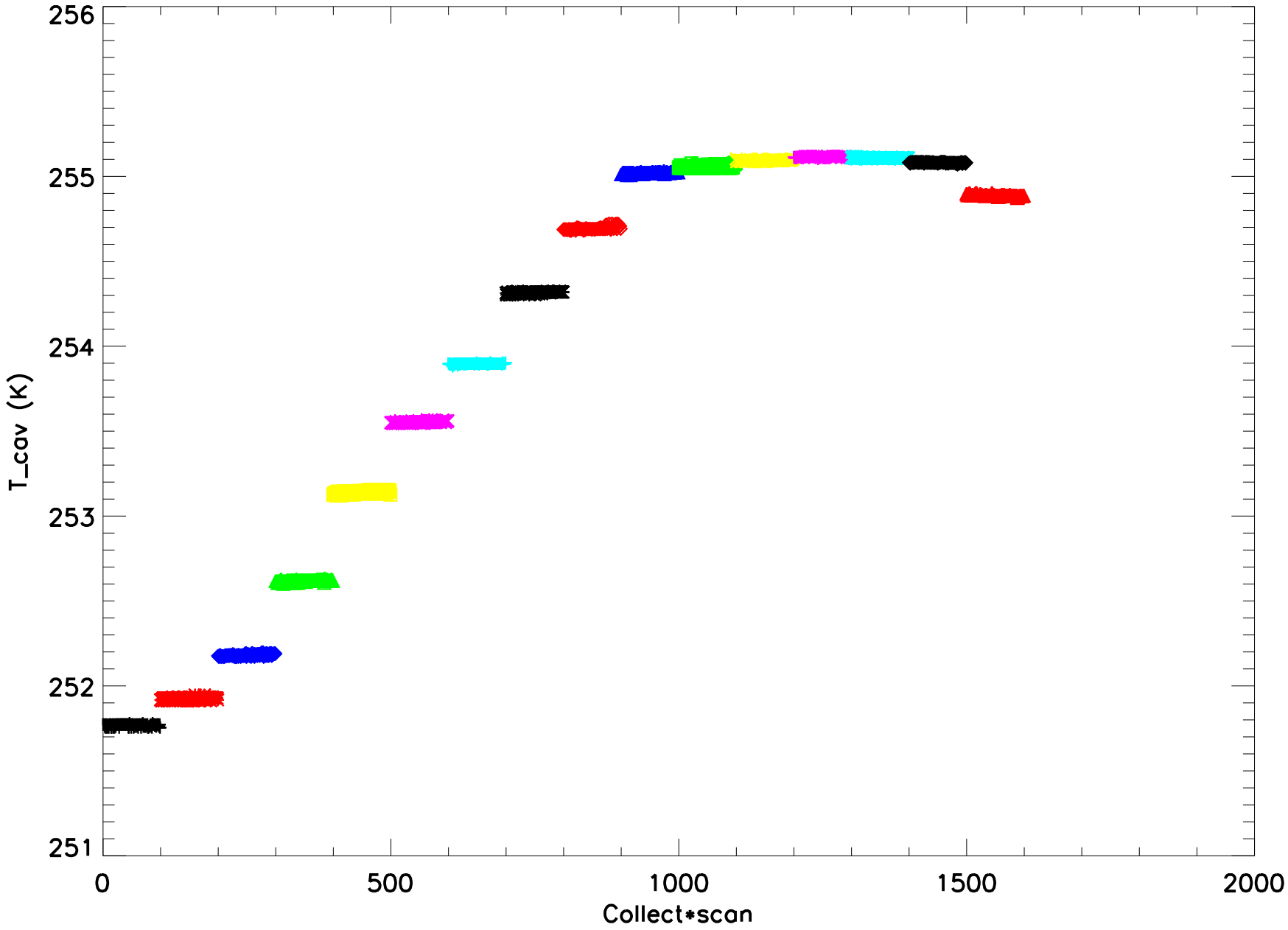

T_bcs vs Time
300.6
300.4
300.2
300.0
299.8
299.6
299.4
T_bcs (K)
−500
0
500
1000
1500
Time (min)

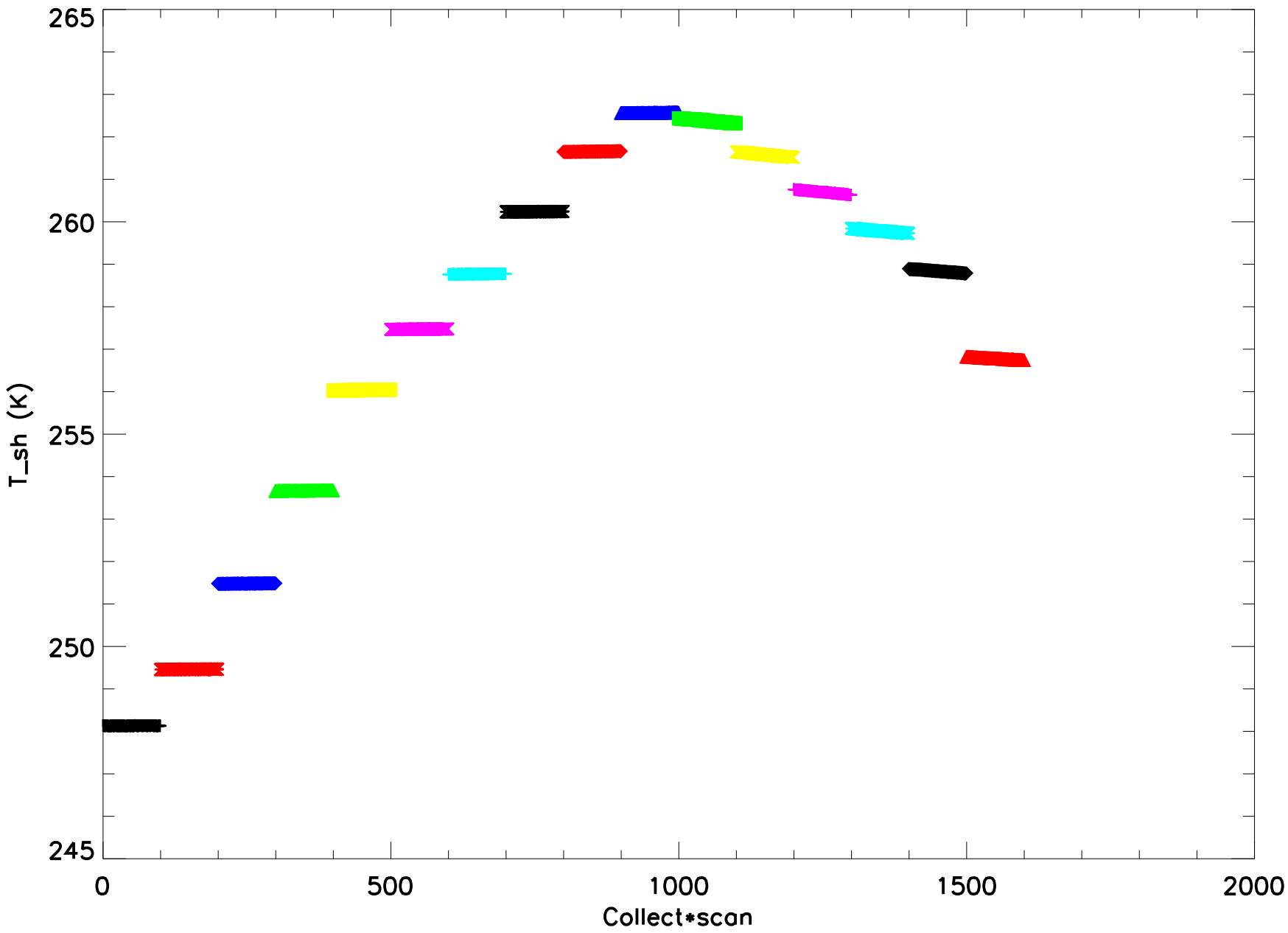

T_svs vs Time
95
94
93
92
91
90
T_svs (K)
−500
0
500
1000
1500
Time (min)

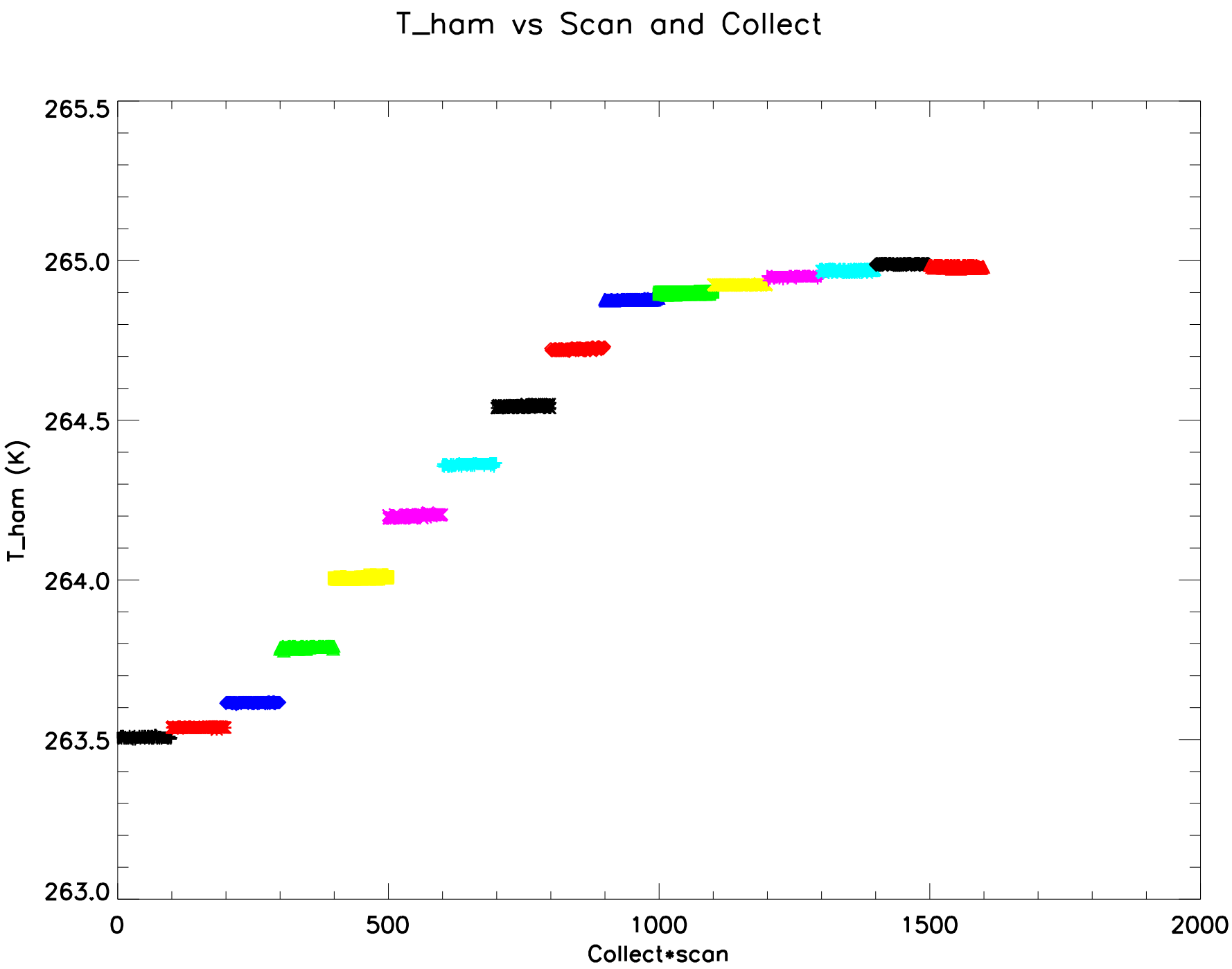

T_tmc vs Collect
296.0
295.8
295.6
295.4
295.2
295.0
294.8
294.6
T_tmc (K)
0
5
10
15
20
Collect

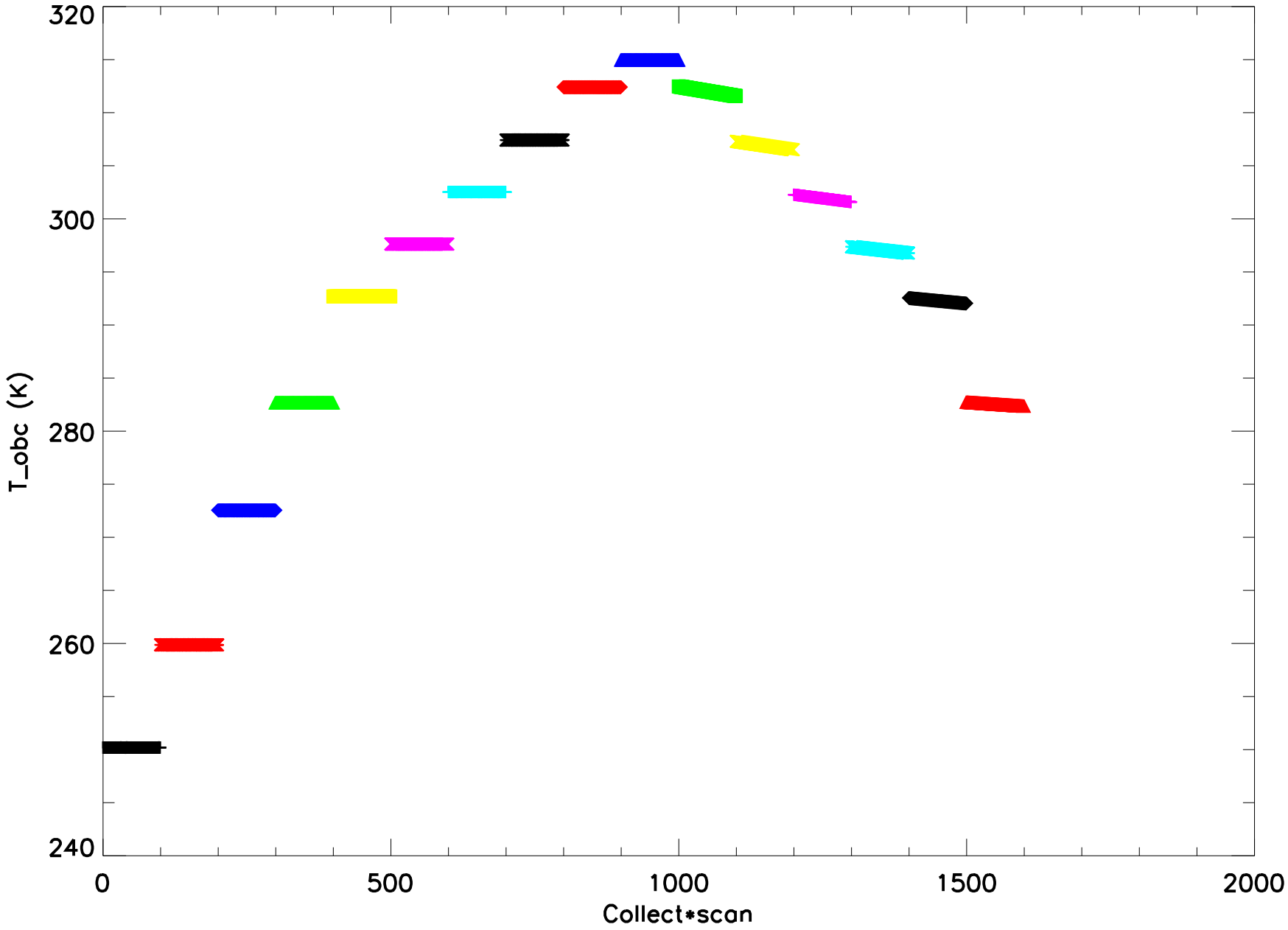

T_tmc vs Time
296.0
295.8
295.6
295.4
295.2
295.0
294.8
294.6
T_tmc (K)
−500
0
500
1000
1500
Time (min)

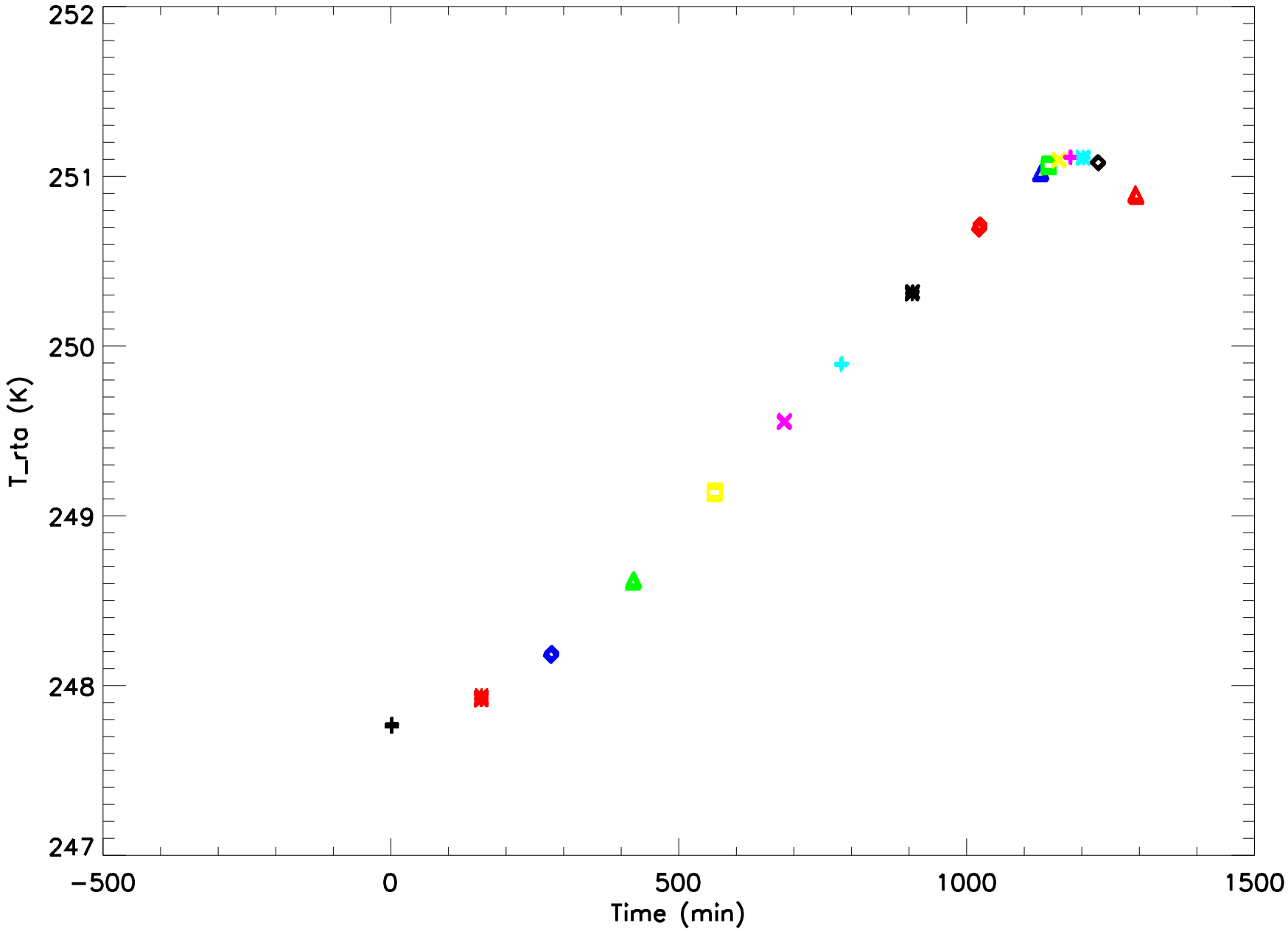

T_rta vs Scan and Collect
252
251
250
249
248
247
T_rta (K)
0
500
1000
1500
2000
Collect*scan

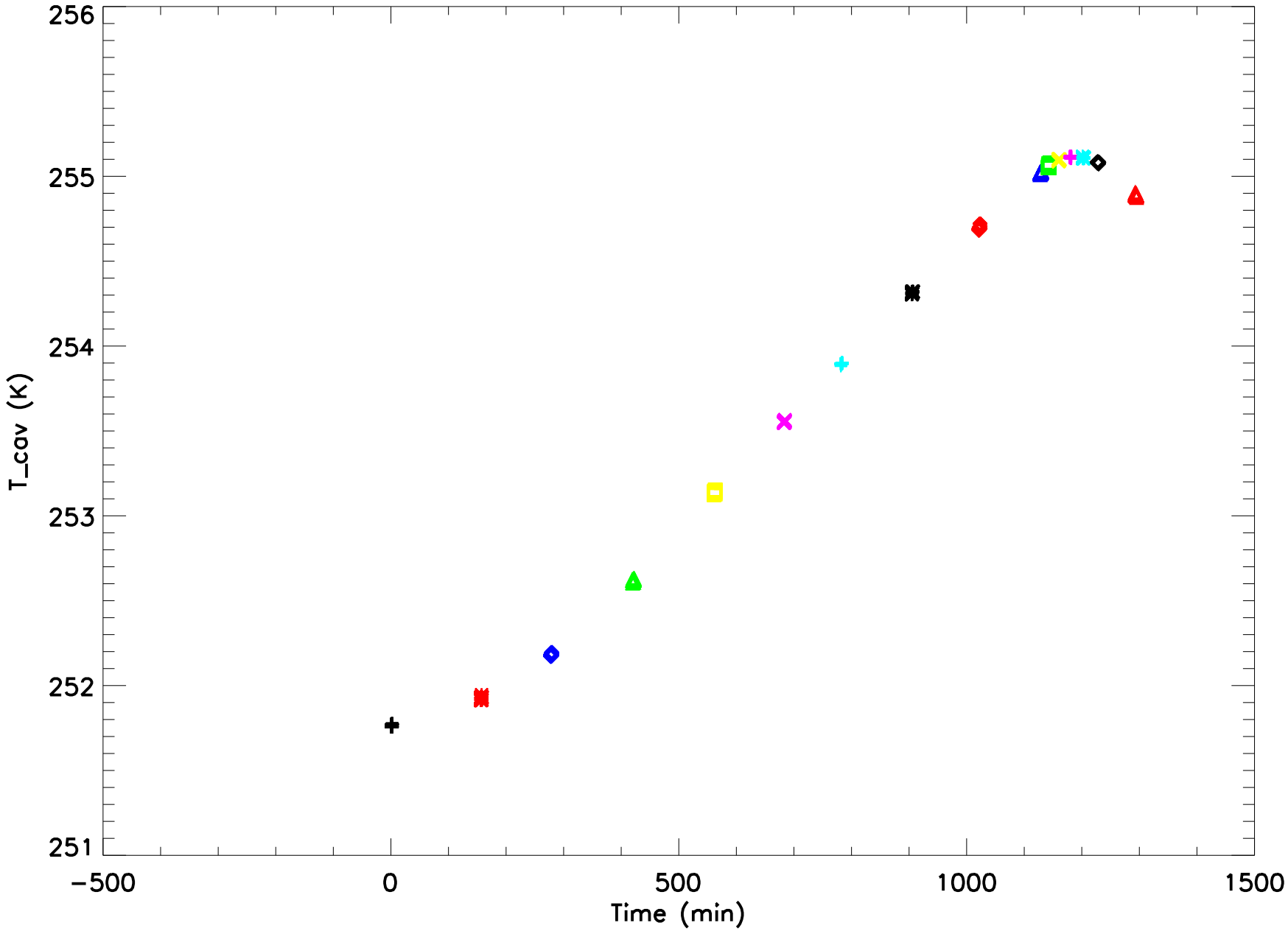

T_cav vs Scan and Collect
256
255
254
253
252
251
T_cav (K)
0
500
1000
1500
2000
Collect*scan

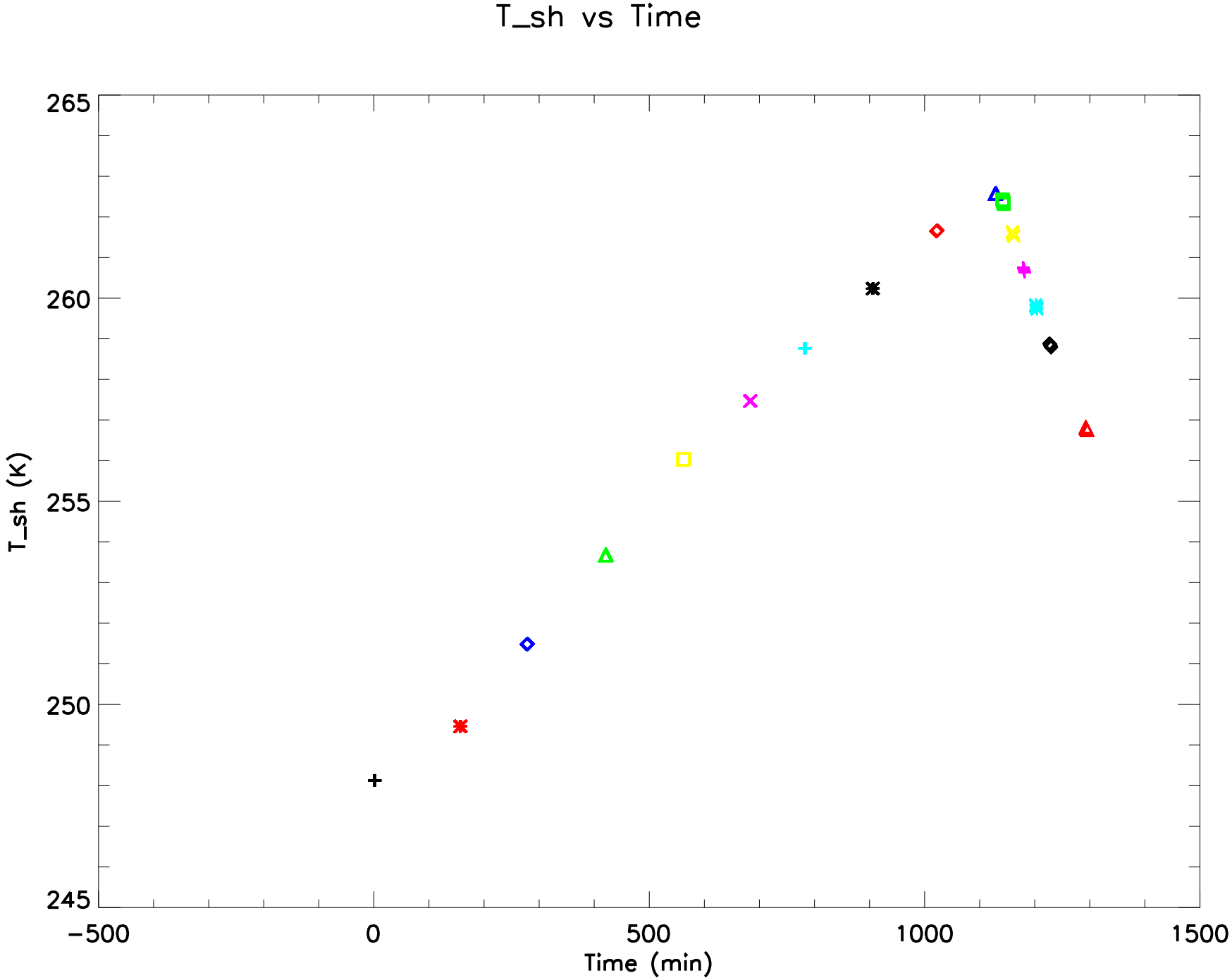

T_sh vs Scan and Collect
265
260
255
250
245
T_sh (K)
0
500
1000
1500
2000
Collect*scan

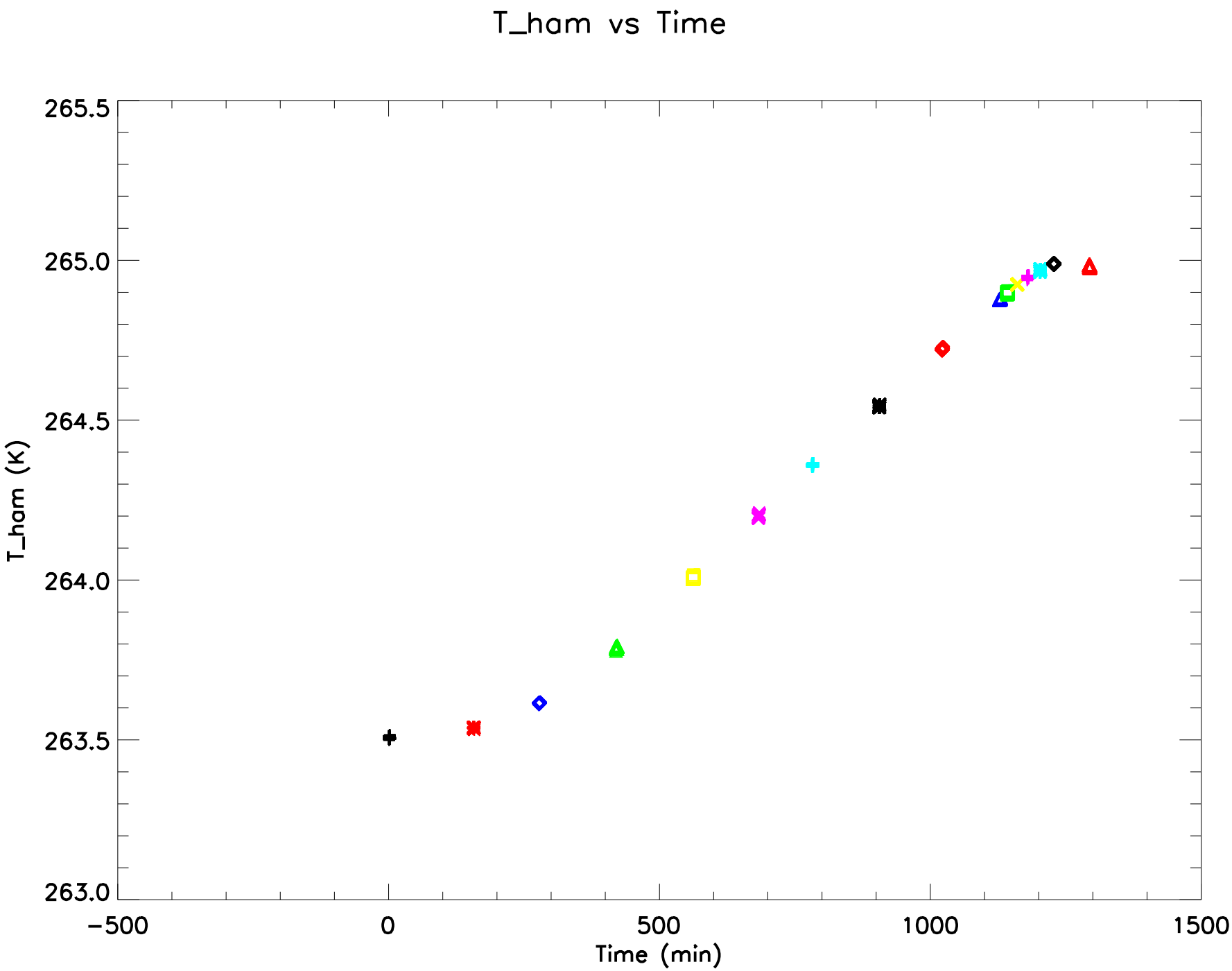

T_ham vs Scan and Collect
265.5
265.0
264.5
264.0
263.5
263.0
T_ham (K)
0
500
1000
1500
2000
Collect*scan

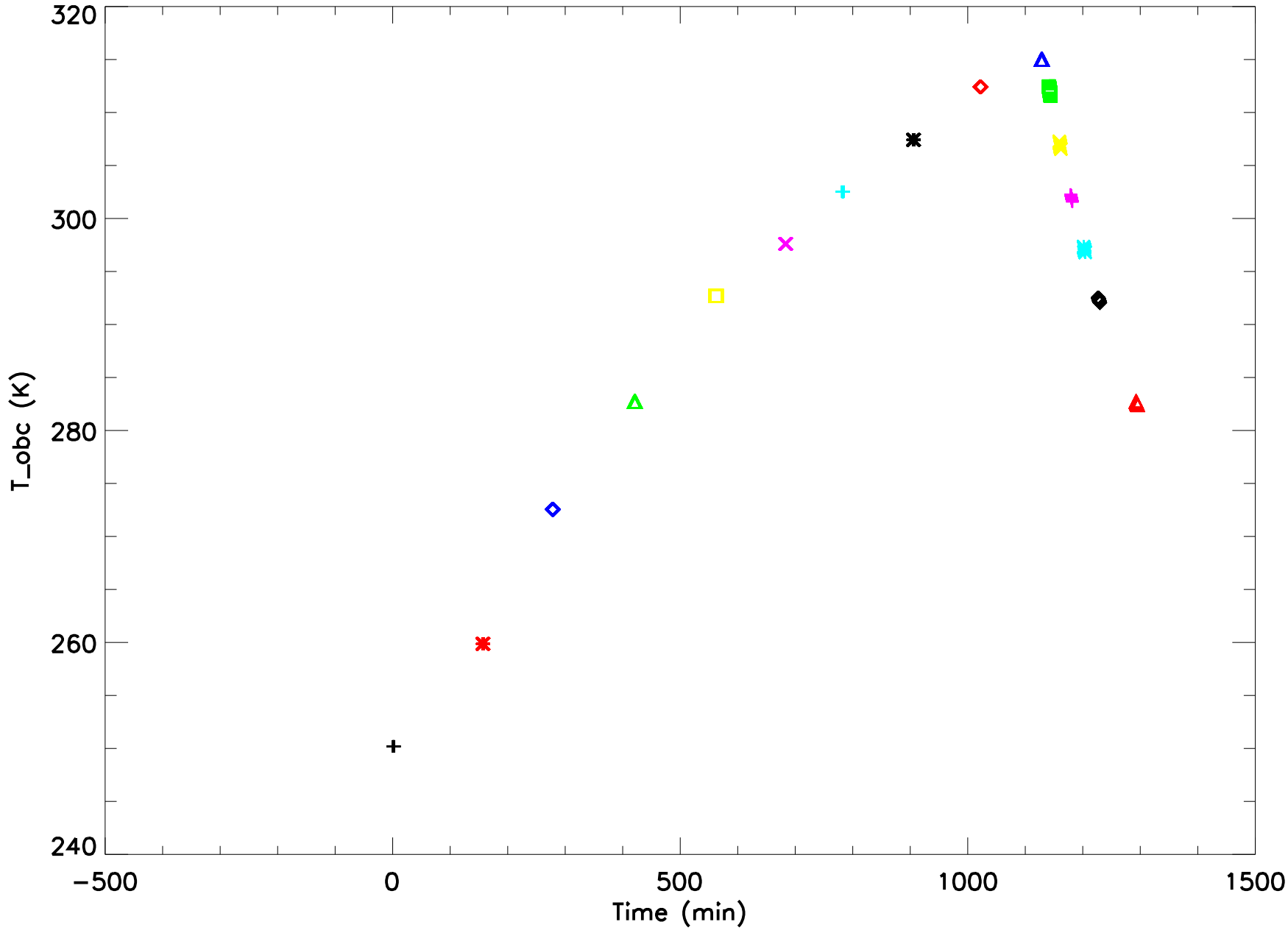

T_obc vs Scan and Collect
320
300
280
260
240
T_obc (K)
0
500
1000
1500
2000
Collect*scan

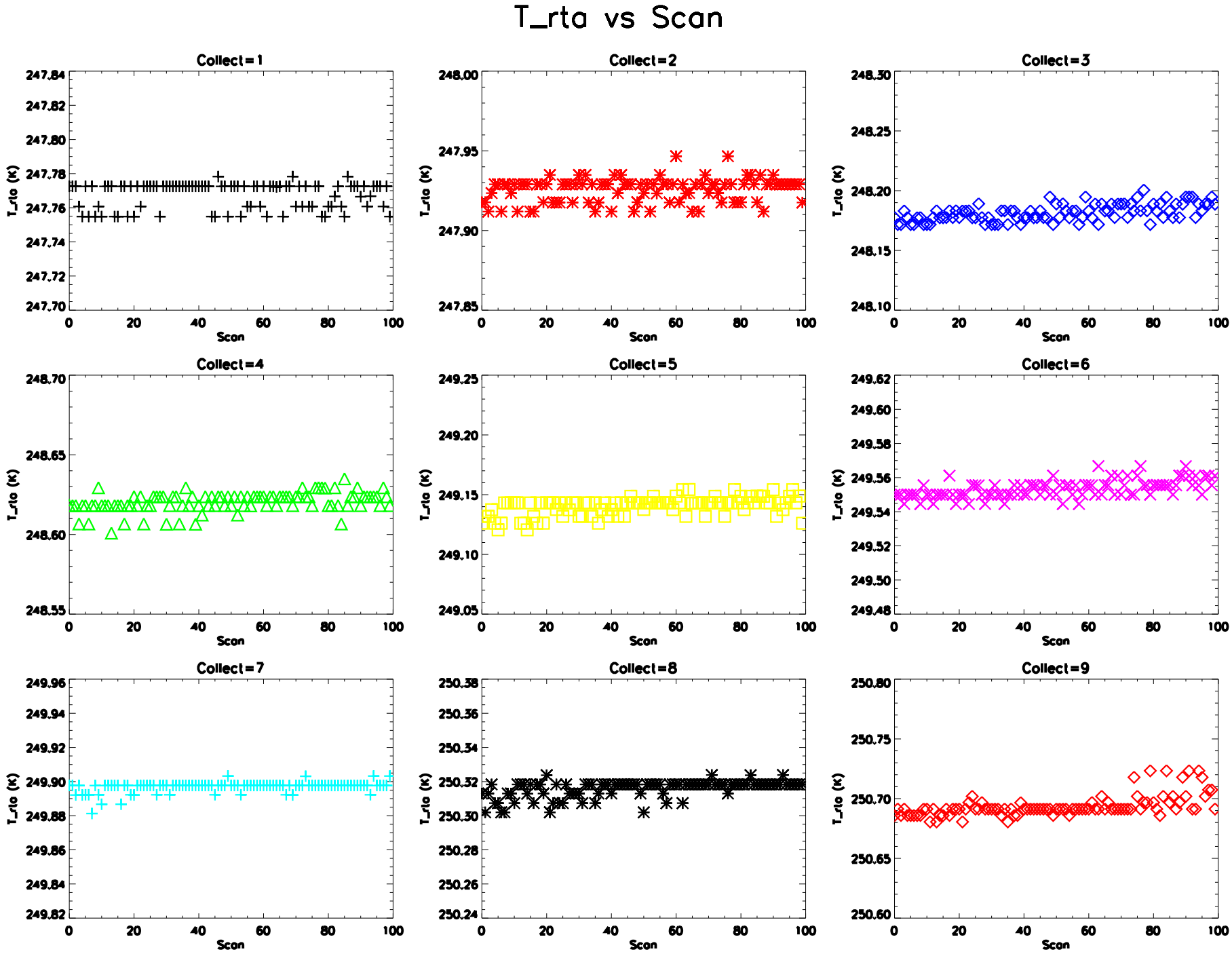

T_rta vs Time
252
251
250
249
248
247
T_rta (K)
−500
0
500
1000
1500
Time (min)


T_cav vs Time
256
255
254
253
252
251
T_cav (K)
−500
0
500
1000
1500
Time (min)

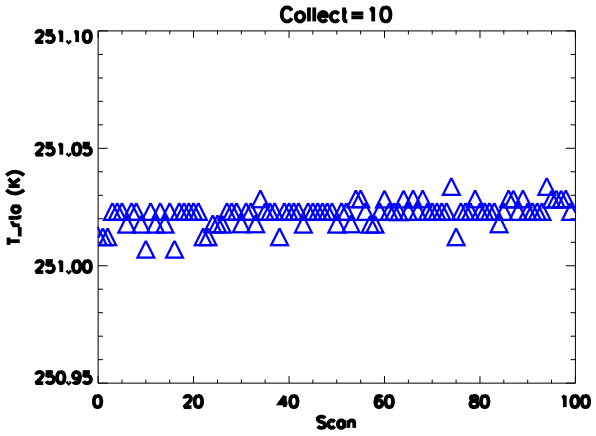

T_sh vs Time
265
260
255
250
245
T_sh (K)
−500
0
500
1000
1500
Time (min)

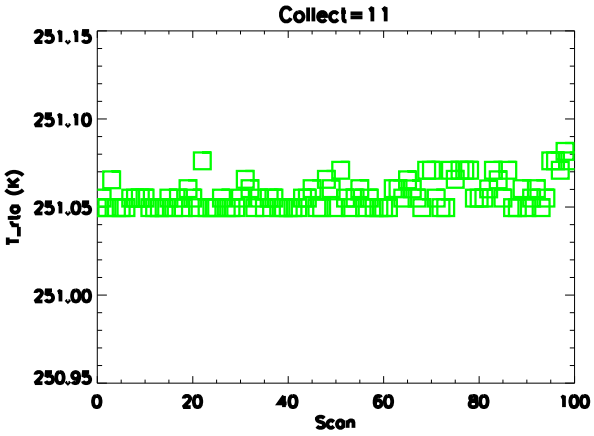

T_ham vs Time
265.5
265.0
264.5
264.0
263.5
263.0
T_ham (K)
−500
0
500
1000
1500
Time (min)

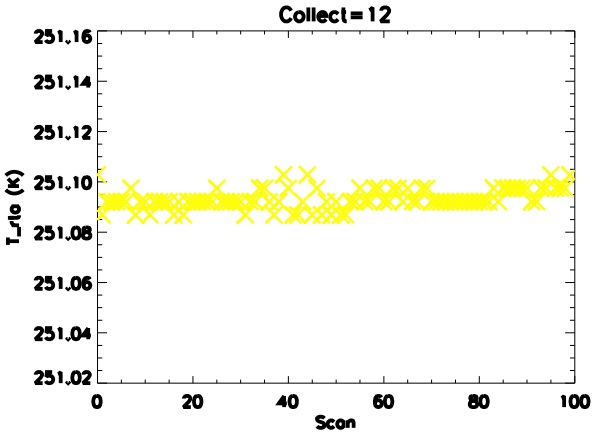

T_obc vs Time
320
300
280
260
240
T_obc (K)
−500
0
500
1000
1500
Time (min)

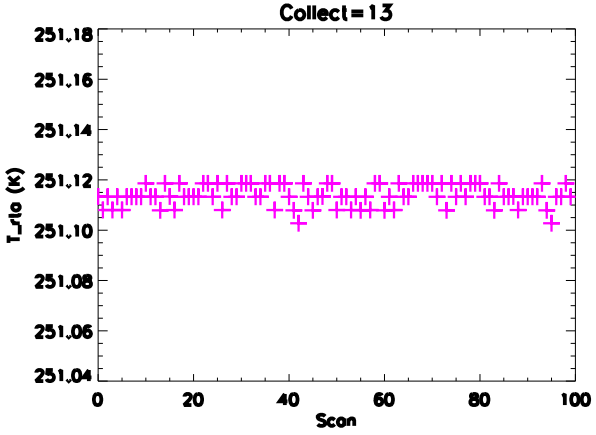

T_rta vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_rta (K)
Scan

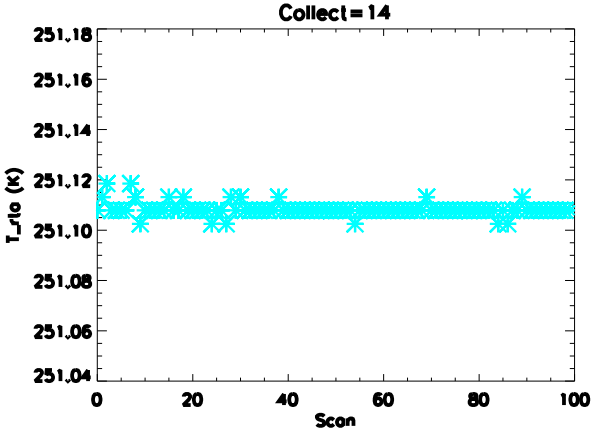
T_rta vs Scan

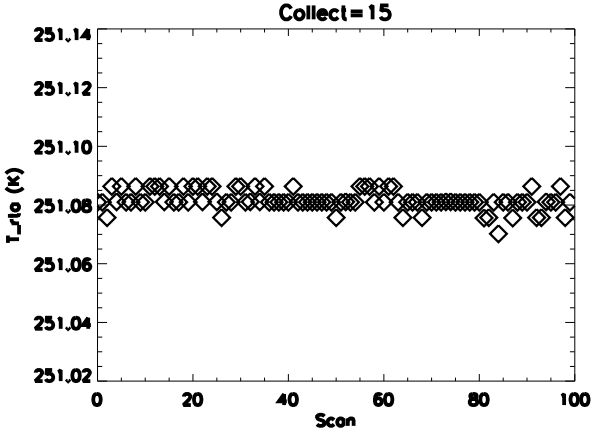

Collect = 10
T_rta (K)
Scan
251.10
251.05
251.00
250.95
0
20
40
60
80
100

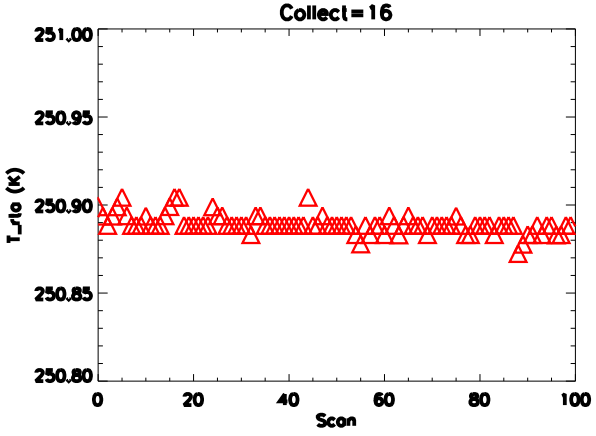

Collect = 11
T_rta (K)
Scan
251.15
251.10
251.05
251.00
250.95
0
20
40
60
80
100


Collect = 12
T_rta (K)
Scan
251.16
251.14
251.12
251.10
251.08
251.06
251.04
251.02
0
20
40
60
80
100

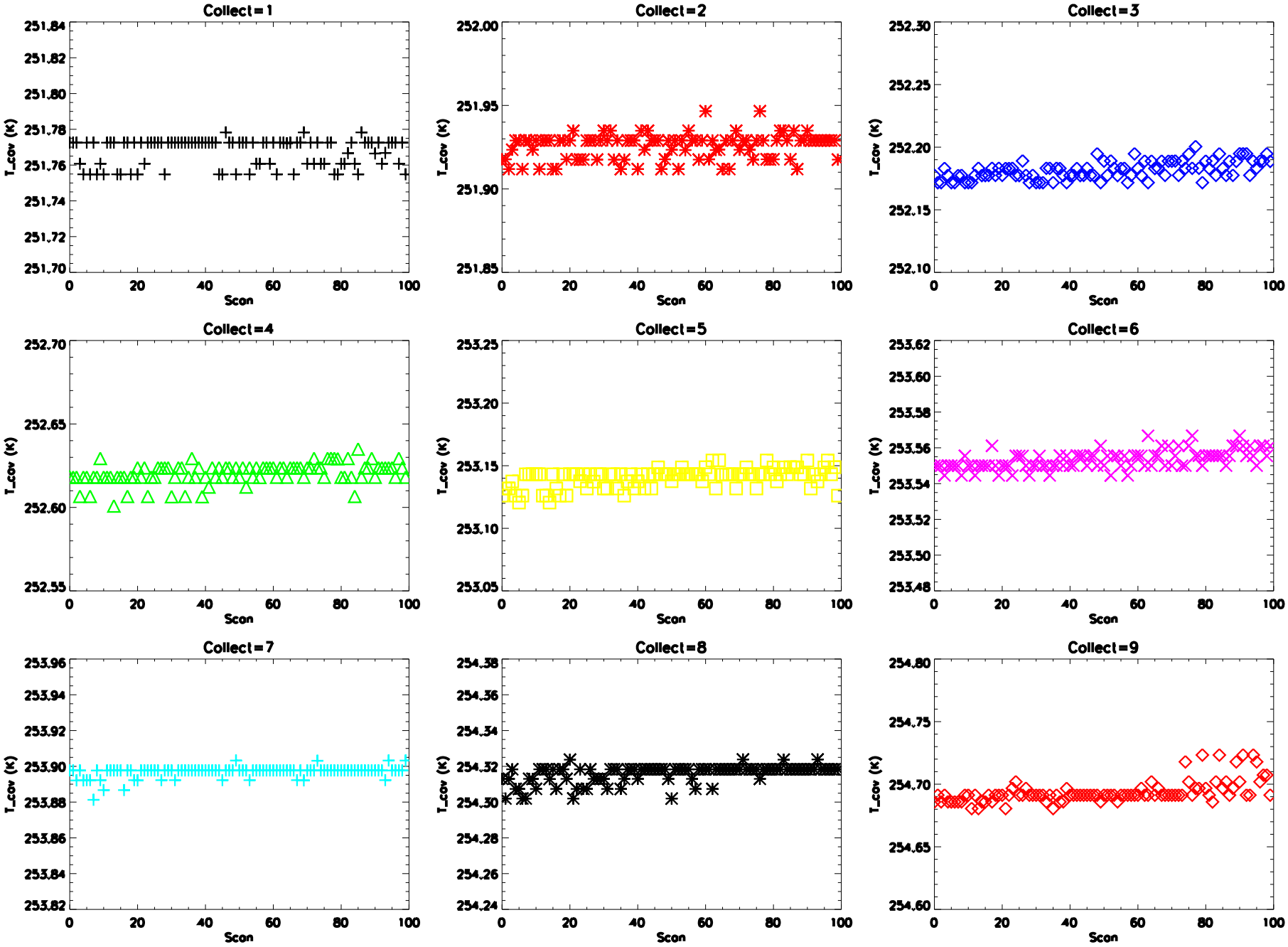

Collect = 13
T_rta (K)
Scan
251.18
251.16
251.14
251.12
251.10
251.08
251.06
251.04
0
20
40
60
80
100


Collect = 14
T_rta (K)
Scan
251.18
251.16
251.14
251.12
251.10
251.08
251.06
251.04
0
20
40
60
80
100

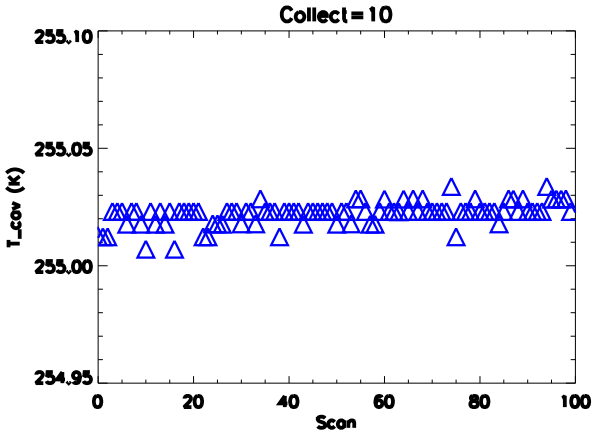

Collect = 15
T_rta (K)
Scan
251.14
251.12
251.10
251.08
251.06
251.04
251.02
0
20
40
60
80
100

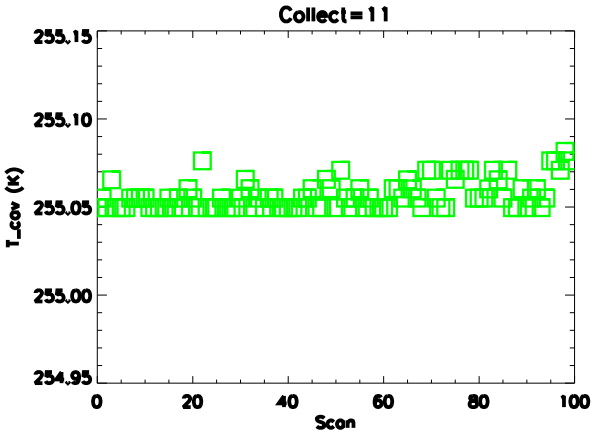

Collect = 16
T_rta (K)
Scan
251.00
250.95
250.90
250.85
250.80
0
20
40
60
80
100

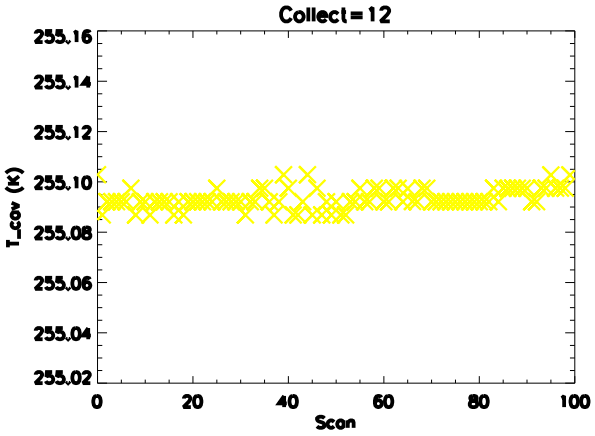
T_cav vs Scan

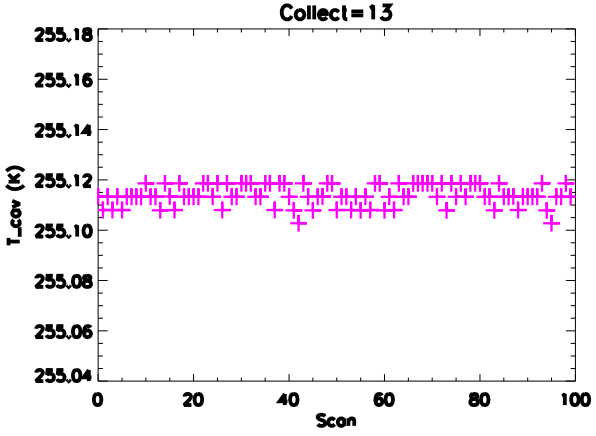

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_cav (K)
Scan

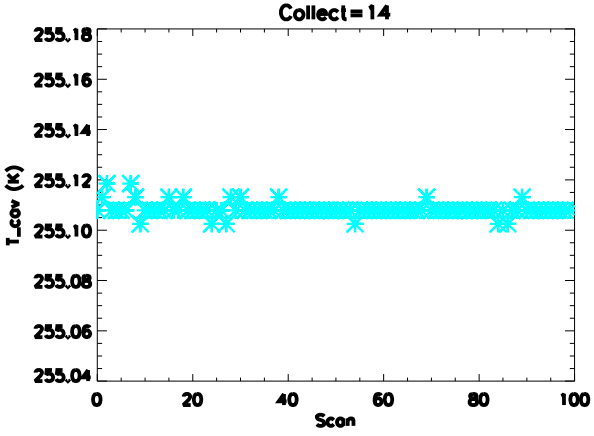
T_cav vs Scan

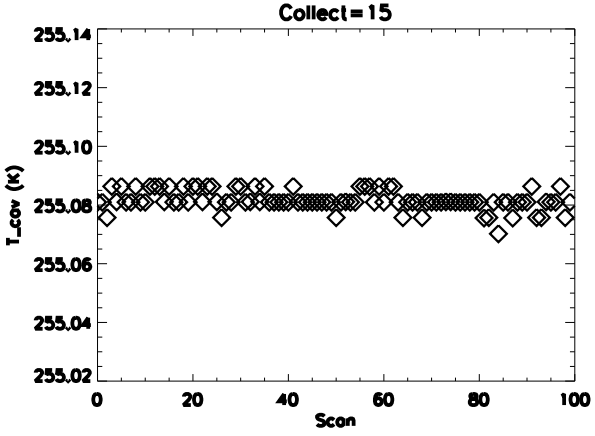

Collect = 10
T_cav (K)
255.10
255.05
255.00
254.95
0
20
40
60
80
100
Scan

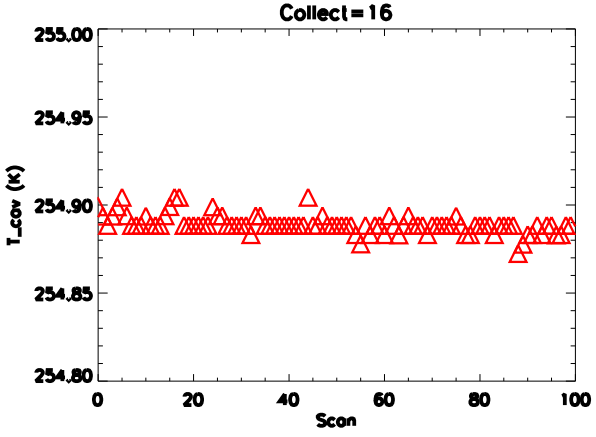

Collect = 11
T_cav (K)
255.15
255.10
255.05
255.00
254.95
0
20
40
60
80
100
Scan

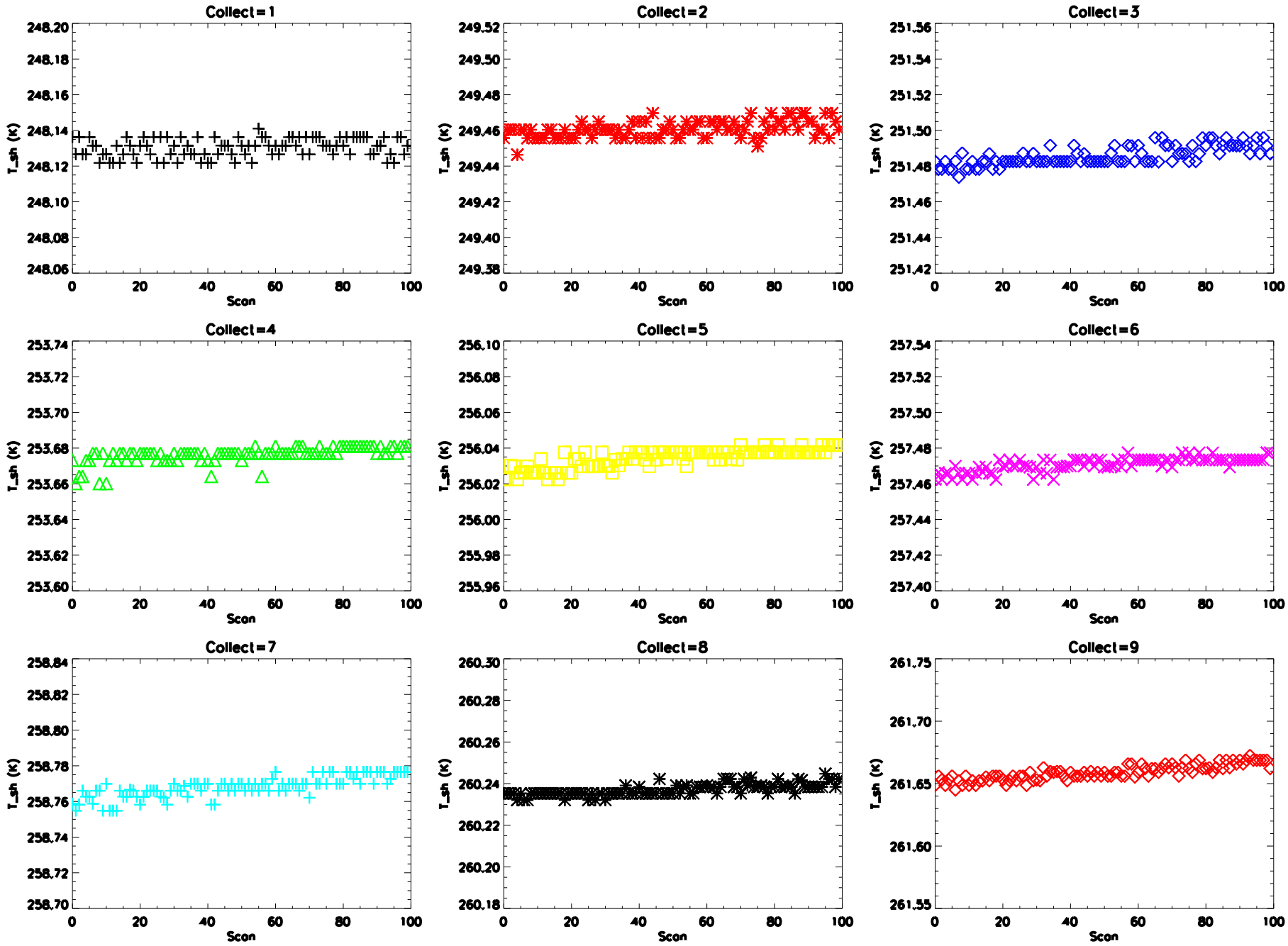

Collect = 12
T_cav (K)
255.16
255.14
255.12
255.10
255.08
255.06
255.04
255.02
0
20
40
60
80
100
Scan


Collect = 13
T_cav (K)
255.18
255.16
255.14
255.12
255.10
255.08
255.06
255.04
0
20
40
60
80
100
Scan

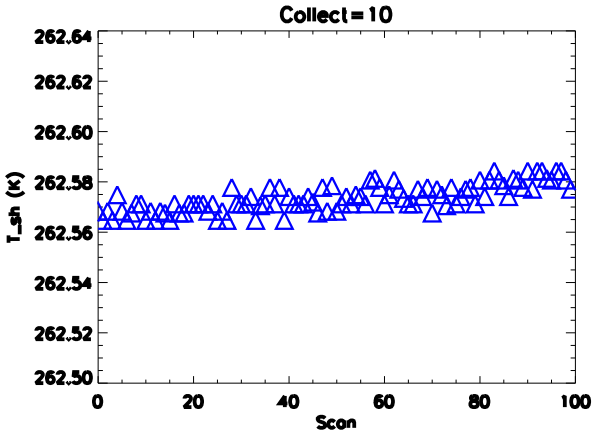

Collect = 14
T_cav (K)
255.18
255.16
255.14
255.12
255.10
255.08
255.06
255.04
0
20
40
60
80
100
Scan

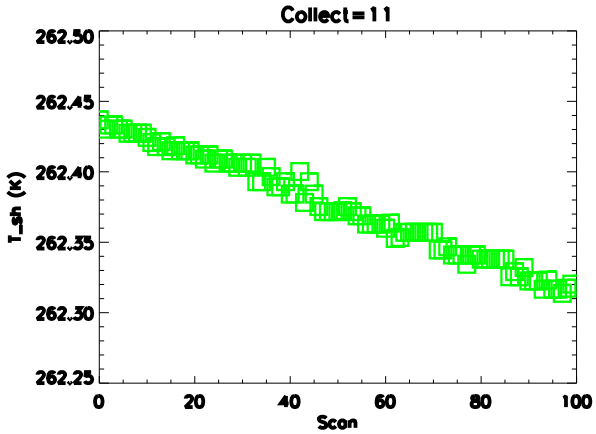

Collect = 15
T_cav (K)
255.14
255.12
255.10
255.08
255.06
255.04
255.02
0
20
40
60
80
100
Scan

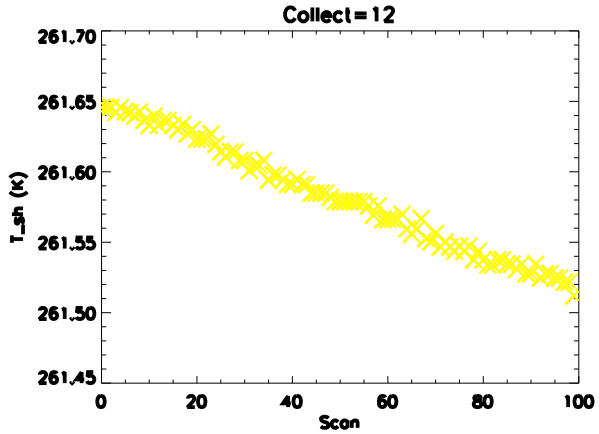

Collect = 16
T_cav (K)
255.00
254.95
254.90
254.85
254.80
0
20
40
60
80
100
Scan

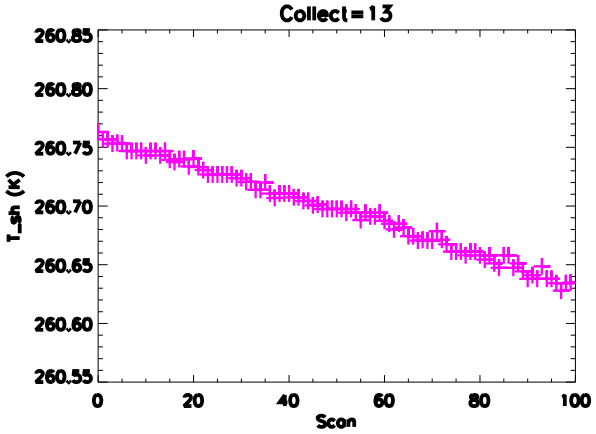

T_sh vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_sh (K)
Scan

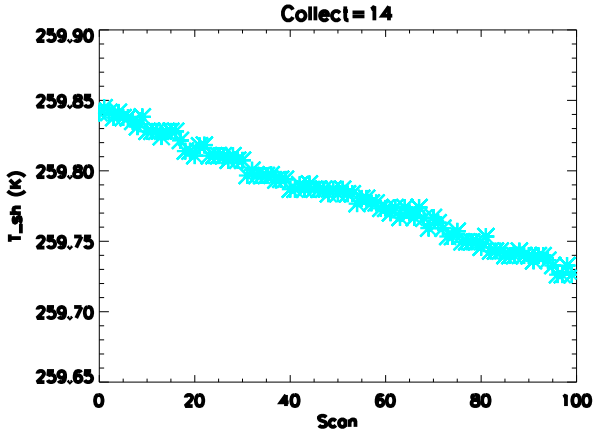
T_sh vs Scan

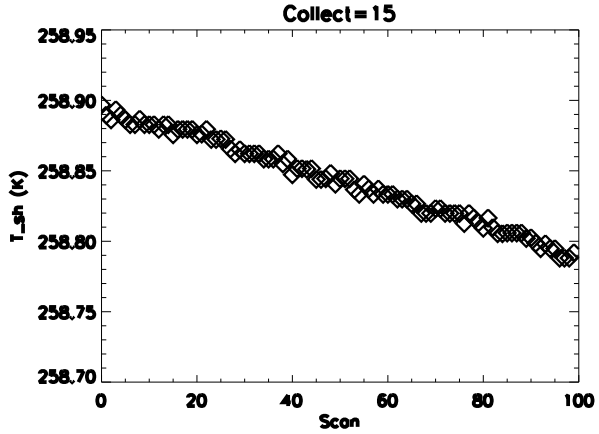

Collect = 10
T_sh (K)
Scan
262.64
262.62
262.60
262.58
262.56
262.54
262.52
262.50
0
20
40
60
80
100

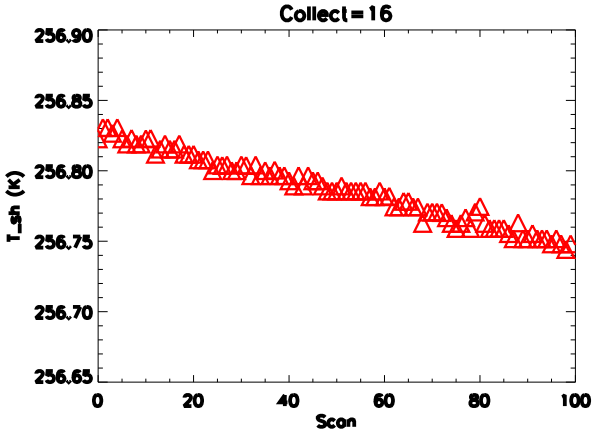

Collect = 11
T_sh (K)
Scan
262.50
262.45
262.40
262.35
262.30
262.25
0
20
40
60
80
100


Collect = 12
T_sh (K)
Scan
261.70
261.65
261.60
261.55
261.50
261.45
0
20
40
60
80
100

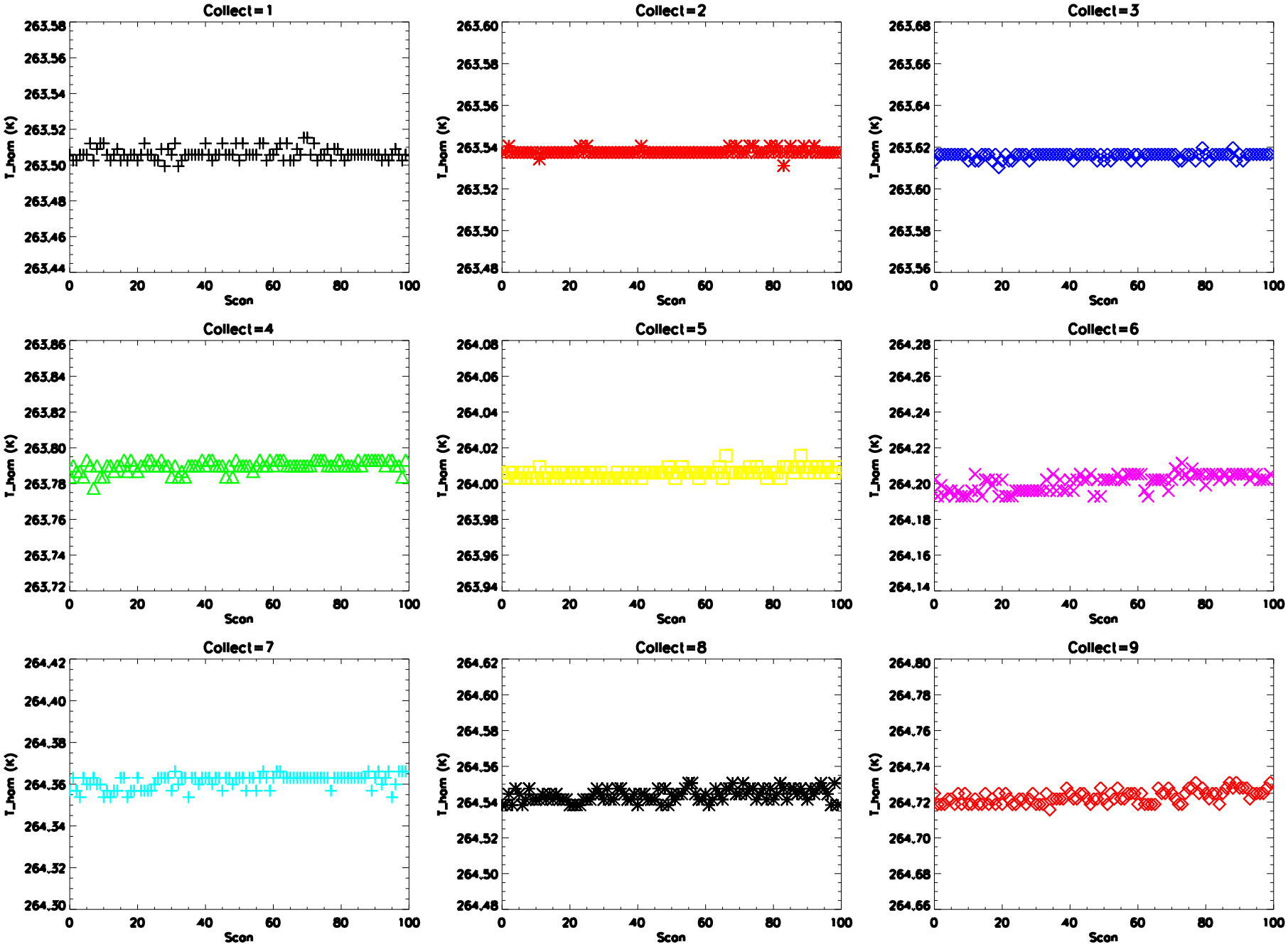

Collect = 13
T_sh (K)
Scan
260.85
260.80
260.75
260.70
260.65
260.60
260.55
0
20
40
60
80
100


Collect = 14
T_sh (K)
Scan
259.90
259.85
259.80
259.75
259.70
259.65
0
20
40
60
80
100

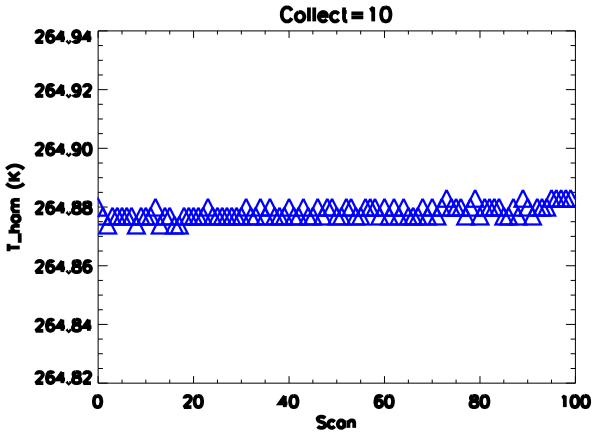

Collect = 15
T_sh (K)
Scan
258.95
258.90
258.85
258.80
258.75
258.70
0
20
40
60
80
100

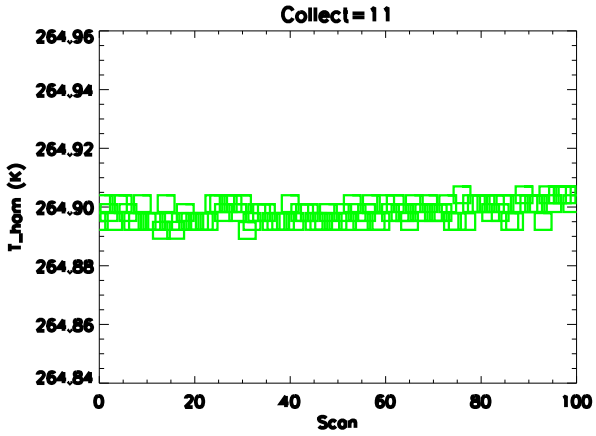

Collect = 16
T_sh (K)
Scan
256.90
256.85
256.80
256.75
256.70
256.65
0
20
40
60
80
100

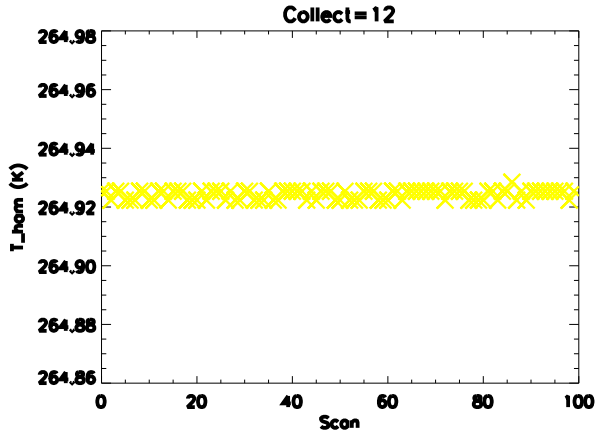
T_ham vs Scan

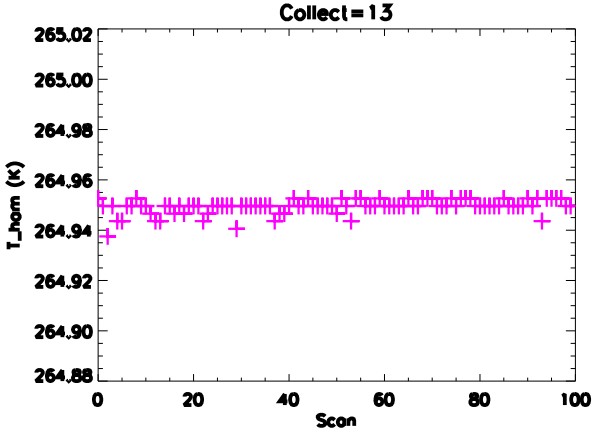

Collect=1
263.58
263.56
263.54
263.52
263.50
263.48
263.46
263.44
T_ham (K)
0
20
40
60
80
100
Scan
Collect=2
263.60
263.58
263.56
263.54
263.52
263.50
263.48
T_ham (K)
0
20
40
60
80
100
Scan
Collect=3
263.68
263.66
263.64
263.62
263.60
263.58
263.56
T_ham (K)
0
20
40
60
80
100
Scan
Collect=4
263.86
263.84
263.82
263.80
263.78
263.76
263.74
263.72
T_ham (K)
0
20
40
60
80
100
Scan
Collect=5
264.08
264.06
264.04
264.02
264.00
263.98
263.96
263.94
T_ham (K)
0
20
40
60
80
100
Scan
Collect=6
264.28
264.26
264.24
264.22
264.20
264.18
264.16
264.14
T_ham (K)
0
20
40
60
80
100
Scan
Collect=7
264.42
264.40
264.38
264.36
264.34
264.32
264.30
T_ham (K)
0
20
40
60
80
100
Scan
Collect=8
264.62
264.60
264.58
264.56
264.54
264.52
264.50
264.48
T_ham (K)
0
20
40
60
80
100
Scan
Collect=9
264.80
264.78
264.76
264.74
264.72
264.70
264.68
264.66
T_ham (K)
0
20
40
60
80
100
Scan

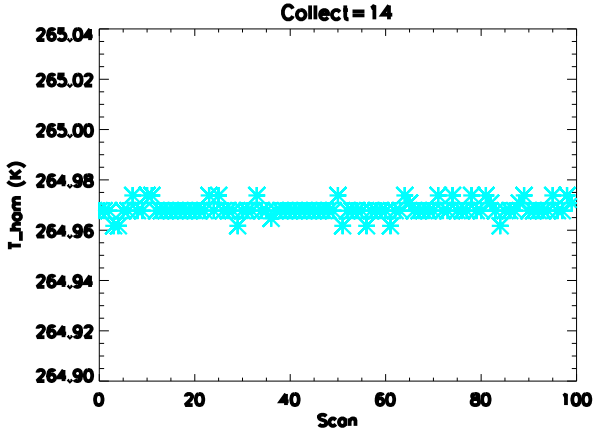
T_ham vs Scan

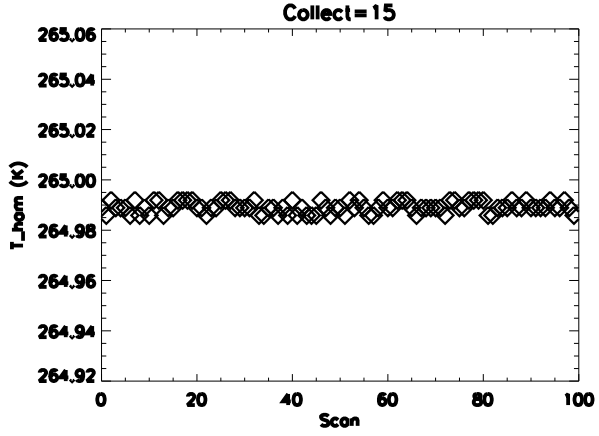

Collect = 10
T_ham (K)
264.94
264.92
264.90
264.88
264.86
264.84
264.82
0
20
40
60
80
100
Scan

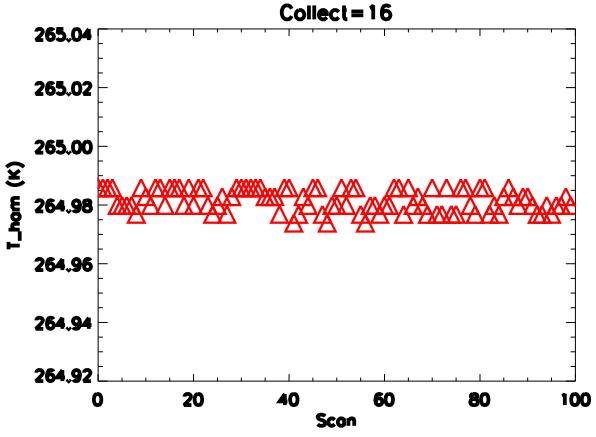

Collect = 11
T_ham (K)
264.96
264.94
264.92
264.90
264.88
264.86
264.84
0
20
40
60
80
100
Scan


Collect = 12
T_ham (K)
264.98
264.96
264.94
264.92
264.90
264.88
264.86
0
20
40
60
80
100
Scan

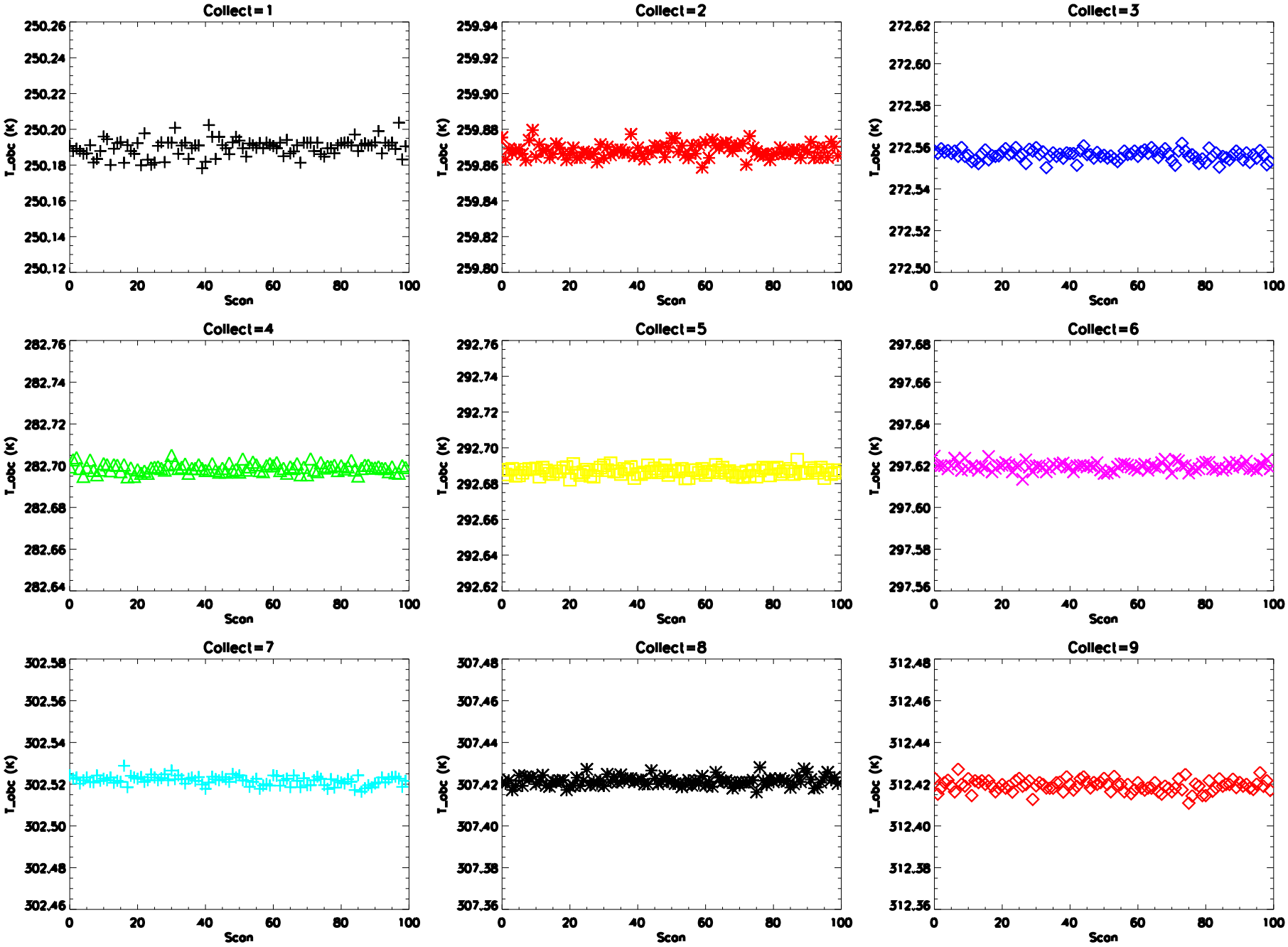

Collect = 13
T_ham (K)
265.02
265.00
264.98
264.96
264.94
264.92
264.90
264.88
0
20
40
60
80
100
Scan


Collect = 14
T_ham (K)
265.04
265.02
265.00
264.98
264.96
264.94
264.92
264.90
0
20
40
60
80
100
Scan

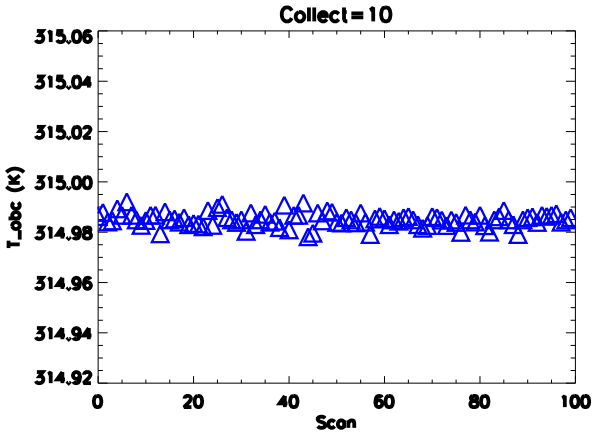

Collect = 15
T_ham (K)
265.06
265.04
265.02
265.00
264.98
264.96
264.94
264.92
0
20
40
60
80
100
Scan

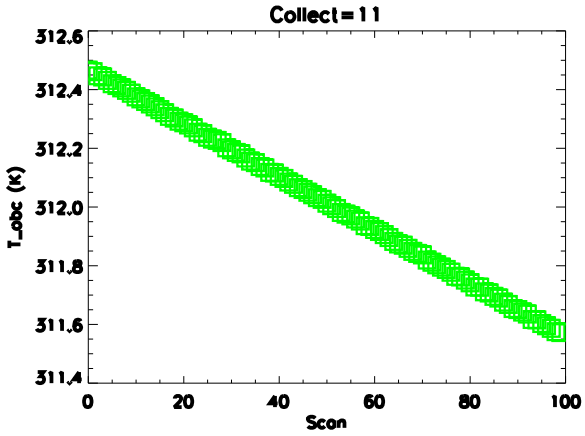

Collect = 16
T_ham (K)
265.04
265.02
265.00
264.98
264.96
264.94
264.92
0
20
40
60
80
100
Scan

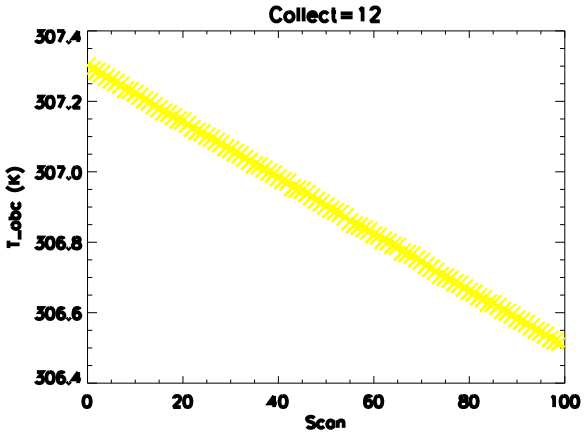
T_obc vs Scan

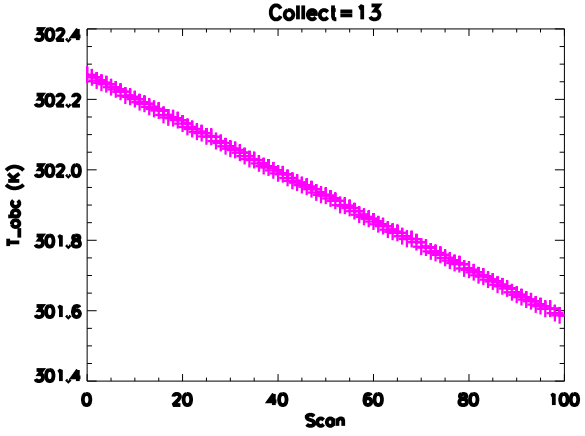

Collect=1
250.26
250.24
250.22
250.20
250.18
250.16
250.14
250.12
T_obc (K)
0
20
40
60
80
100
Scan
Collect=2
259.94
259.92
259.90
259.88
259.86
259.84
259.82
259.80
T_obc (K)
0
20
40
60
80
100
Scan
Collect=3
272.62
272.60
272.58
272.56
272.54
272.52
272.50
T_obc (K)
0
20
40
60
80
100
Scan
Collect=4
282.76
282.74
282.72
282.70
282.68
282.66
282.64
T_obc (K)
0
20
40
60
80
100
Scan
Collect=5
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
T_obc (K)
0
20
40
60
80
100
Scan
Collect=6
297.68
297.66
297.64
297.62
297.60
297.58
297.56
T_obc (K)
0
20
40
60
80
100
Scan
Collect=7
302.58
302.56
302.54
302.52
302.50
302.48
302.46
T_obc (K)
0
20
40
60
80
100
Scan
Collect=8
307.48
307.46
307.44
307.42
307.40
307.38
307.36
T_obc (K)
0
20
40
60
80
100
Scan
Collect=9
312.48
312.46
312.44
312.42
312.40
312.38
312.36
T_obc (K)
0
20
40
60
80
100
Scan

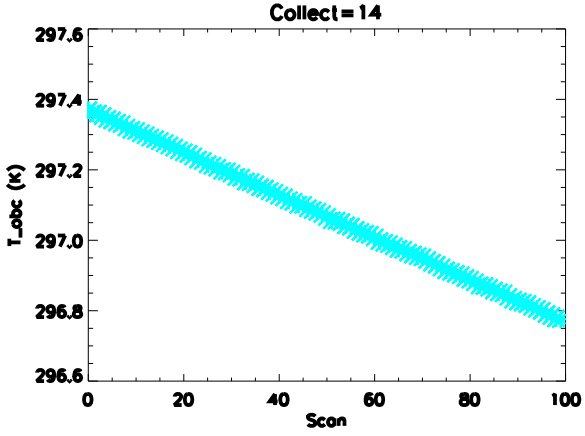
T_obc vs Scan

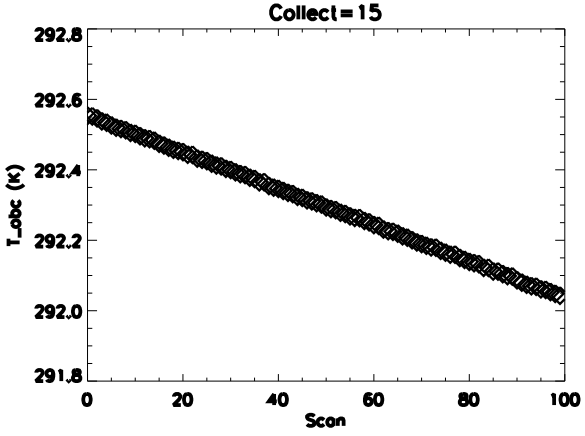

Collect = 10
T_obc (K)
315.06
315.04
315.02
315.00
314.98
314.96
314.94
314.92
0
20
40
60
80
100
Scan

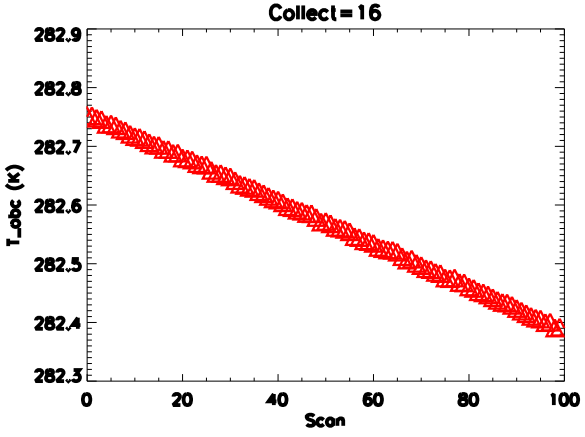

Collect = 11
T_obc (K)
312.6
312.4
312.2
312.0
311.8
311.6
311.4
0
20
40
60
80
100
Scan

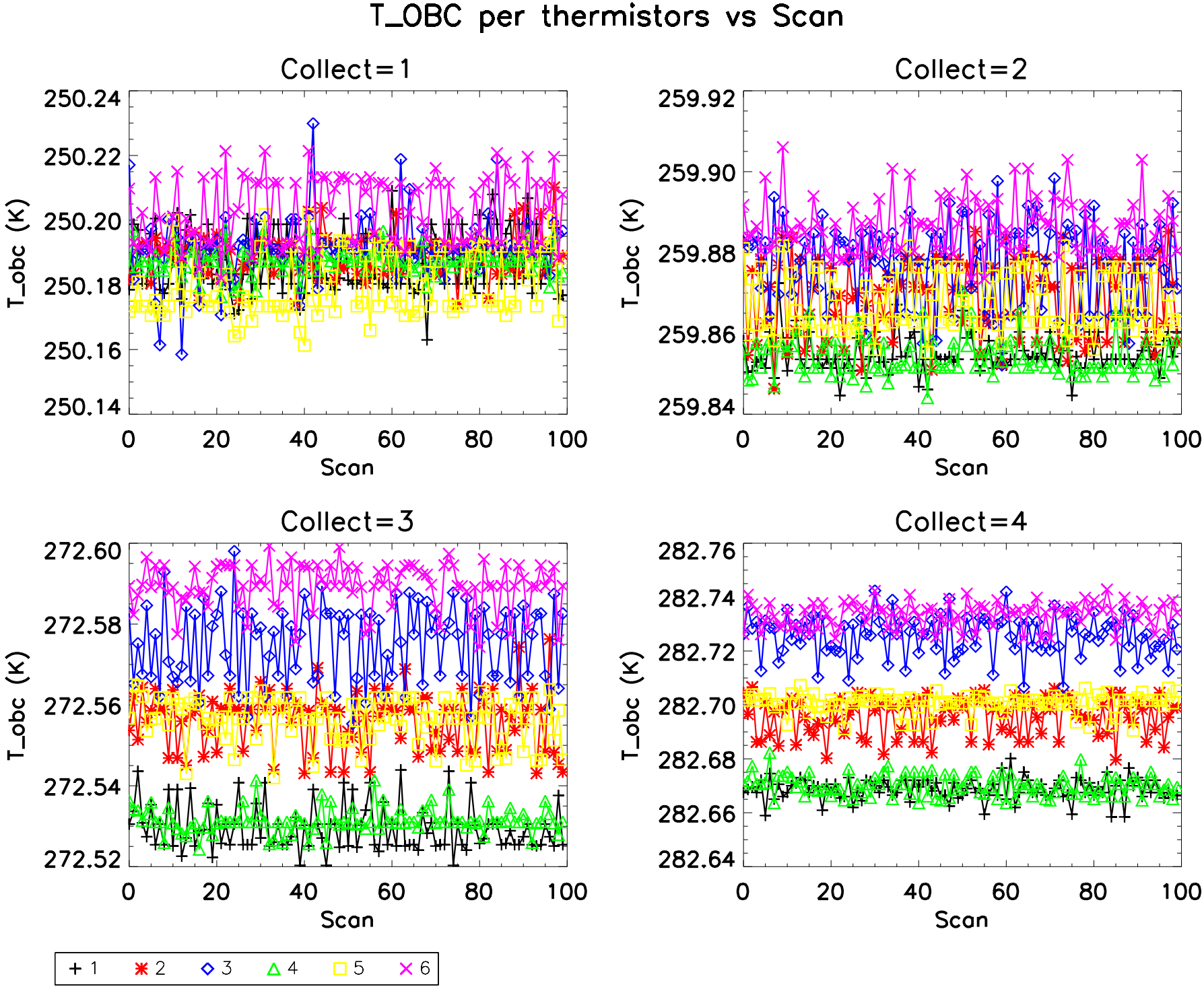

Collect = 12
T_obc (K)
307.4
307.2
307.0
306.8
306.6
306.4
0
20
40
60
80
100
Scan

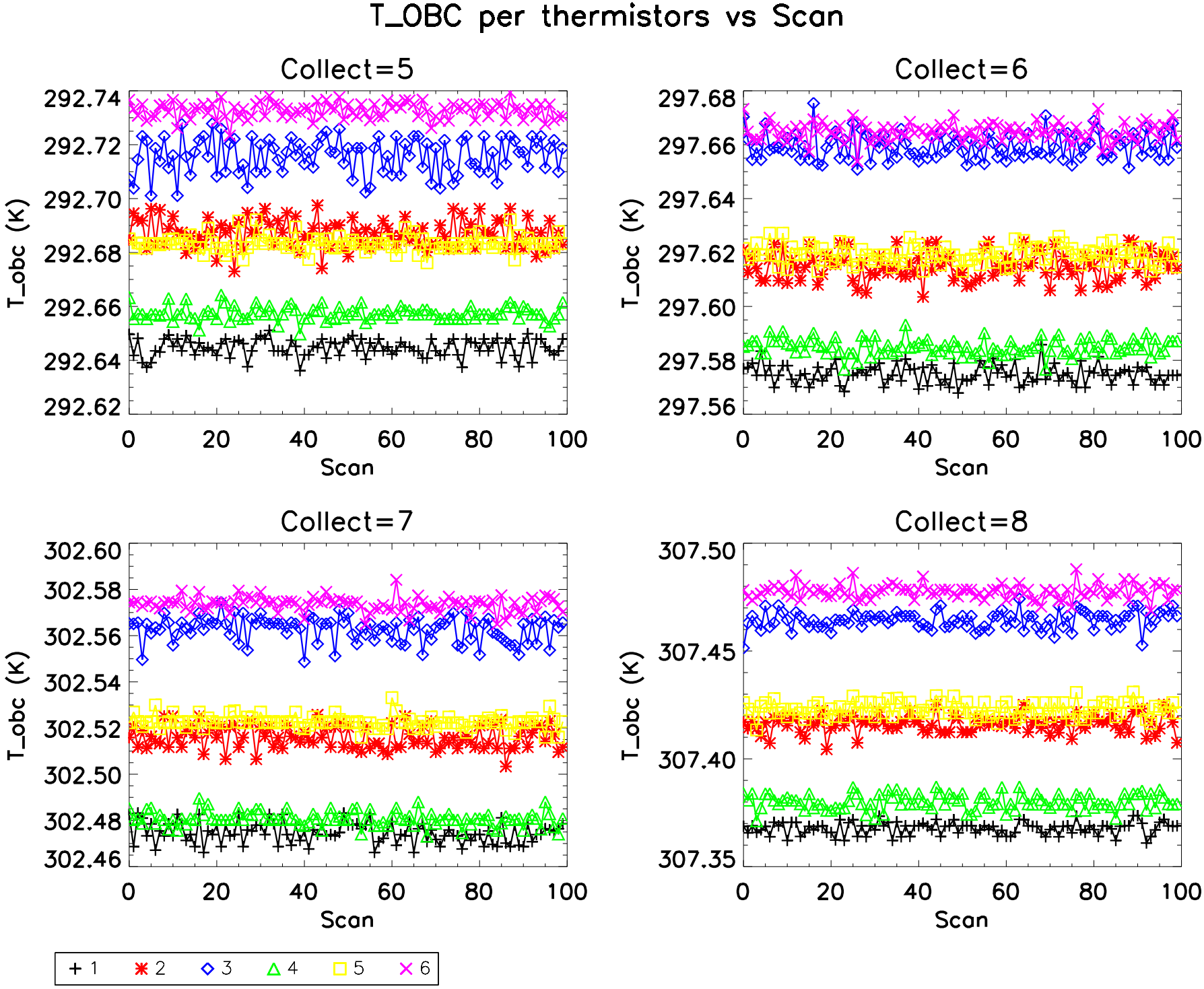

Collect = 13
T_obc (K)
302.4
302.2
302.0
301.8
301.6
301.4
0
20
40
60
80
100
Scan

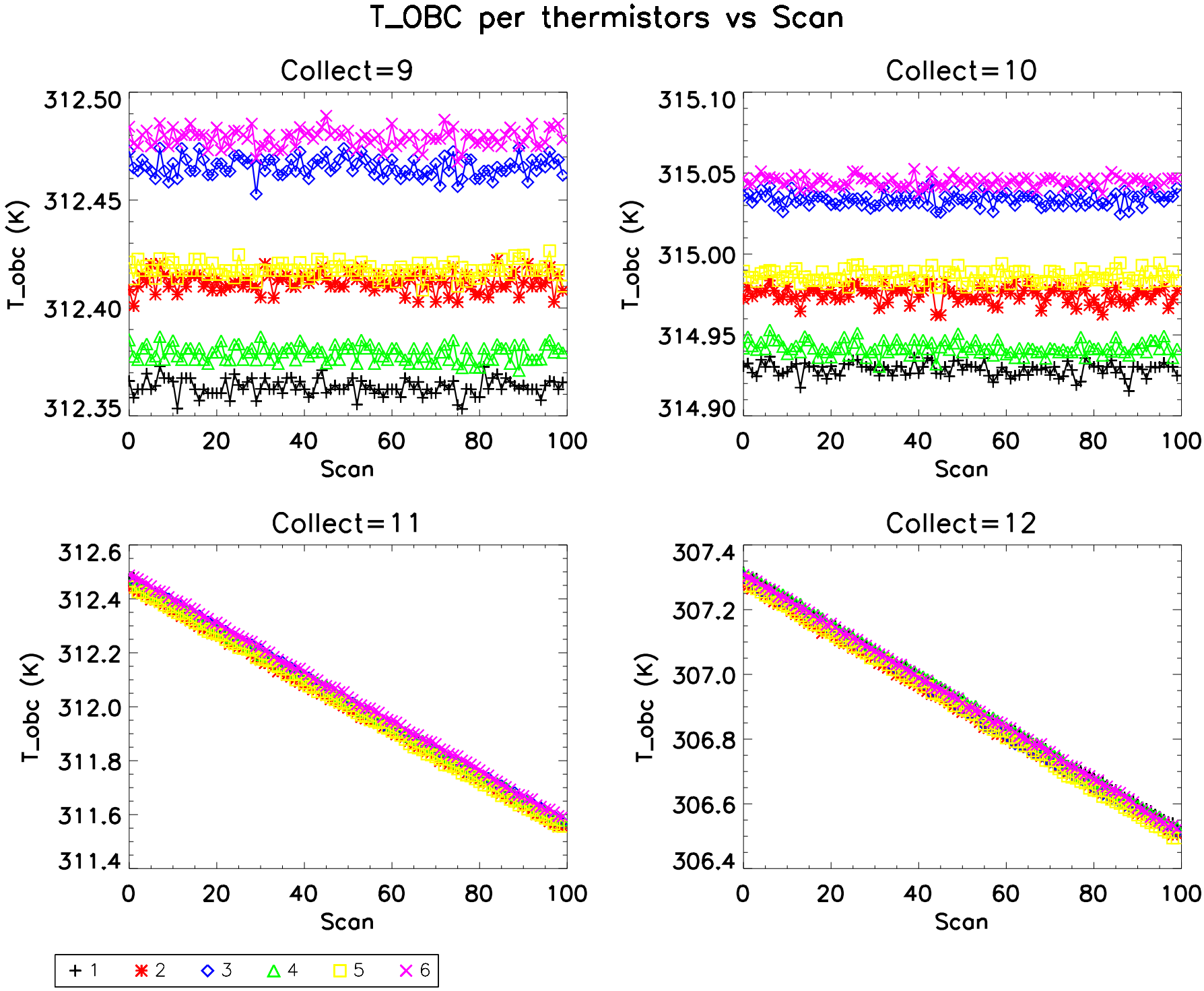

Collect = 14
T_obc (K)
297.6
297.4
297.2
297.0
296.8
296.6
0
20
40
60
80
100
Scan

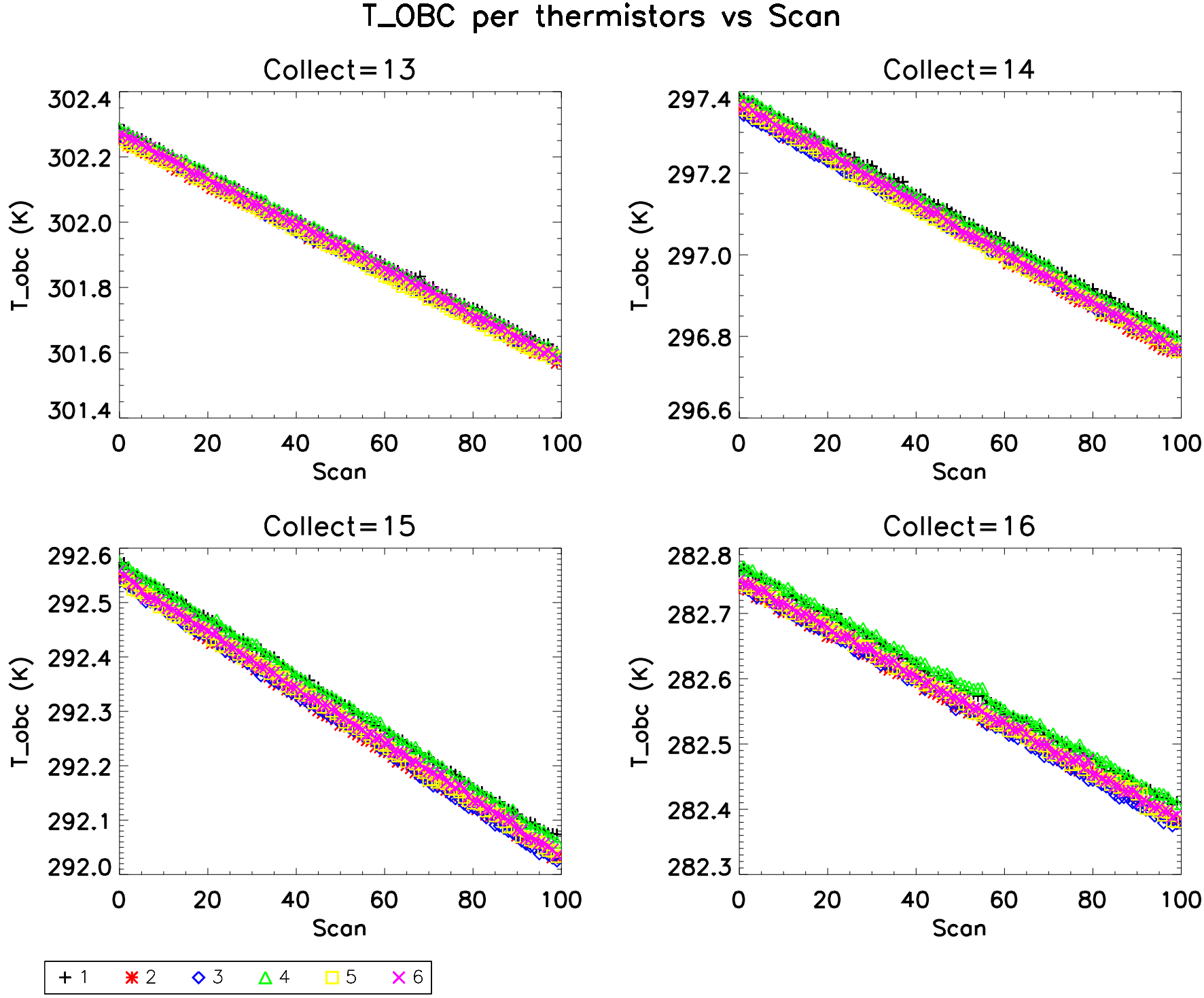

Collect = 15
T_obc (K)
292.8
292.6
292.4
292.2
292.0
291.8
0
20
40
60
80
100
Scan

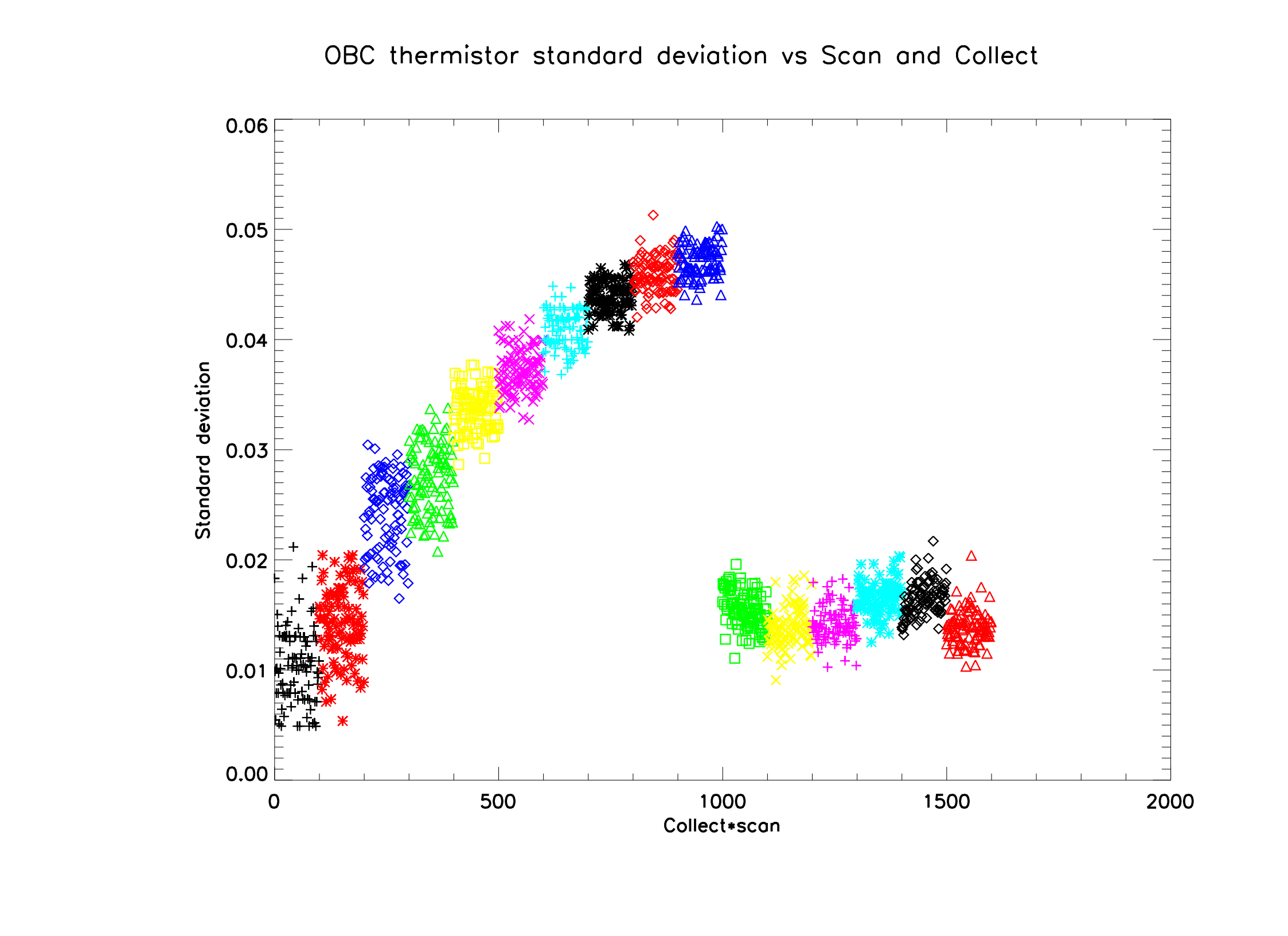

Collect = 16
T_obc (K)
282.9
282.8
282.7
282.6
282.5
282.4
282.3
0
20
40
60
80
100
Scan

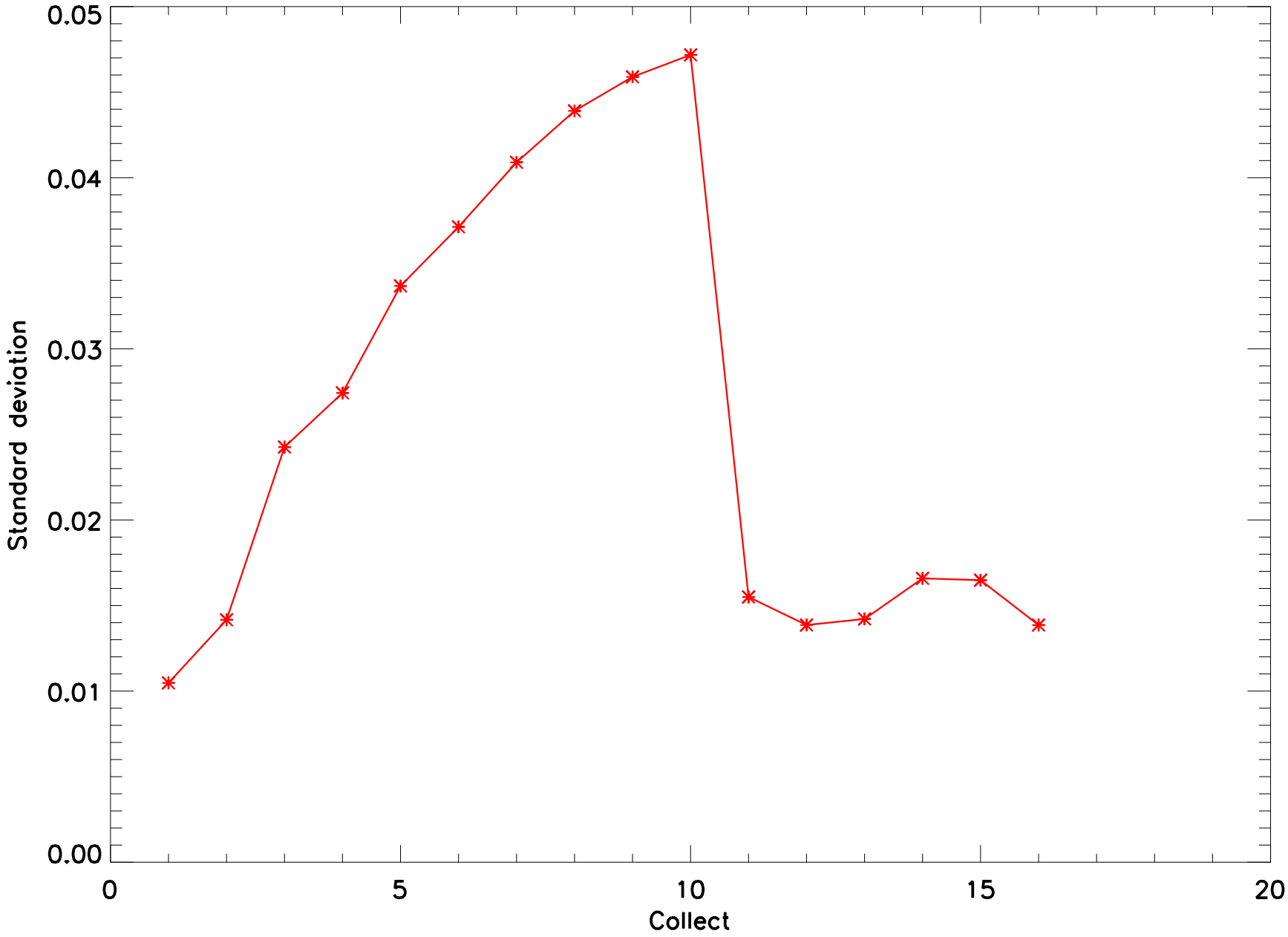

T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
250.24
250.22
250.20
250.18
250.16
250.14
259.92
259.90
259.88
259.86
259.84
272.60
272.58
272.56
272.54
272.52
282.76
282.74
282.72
282.70
282.68
282.66
282.64
0
20
40
60
80
100
1
2
3
4
5
6

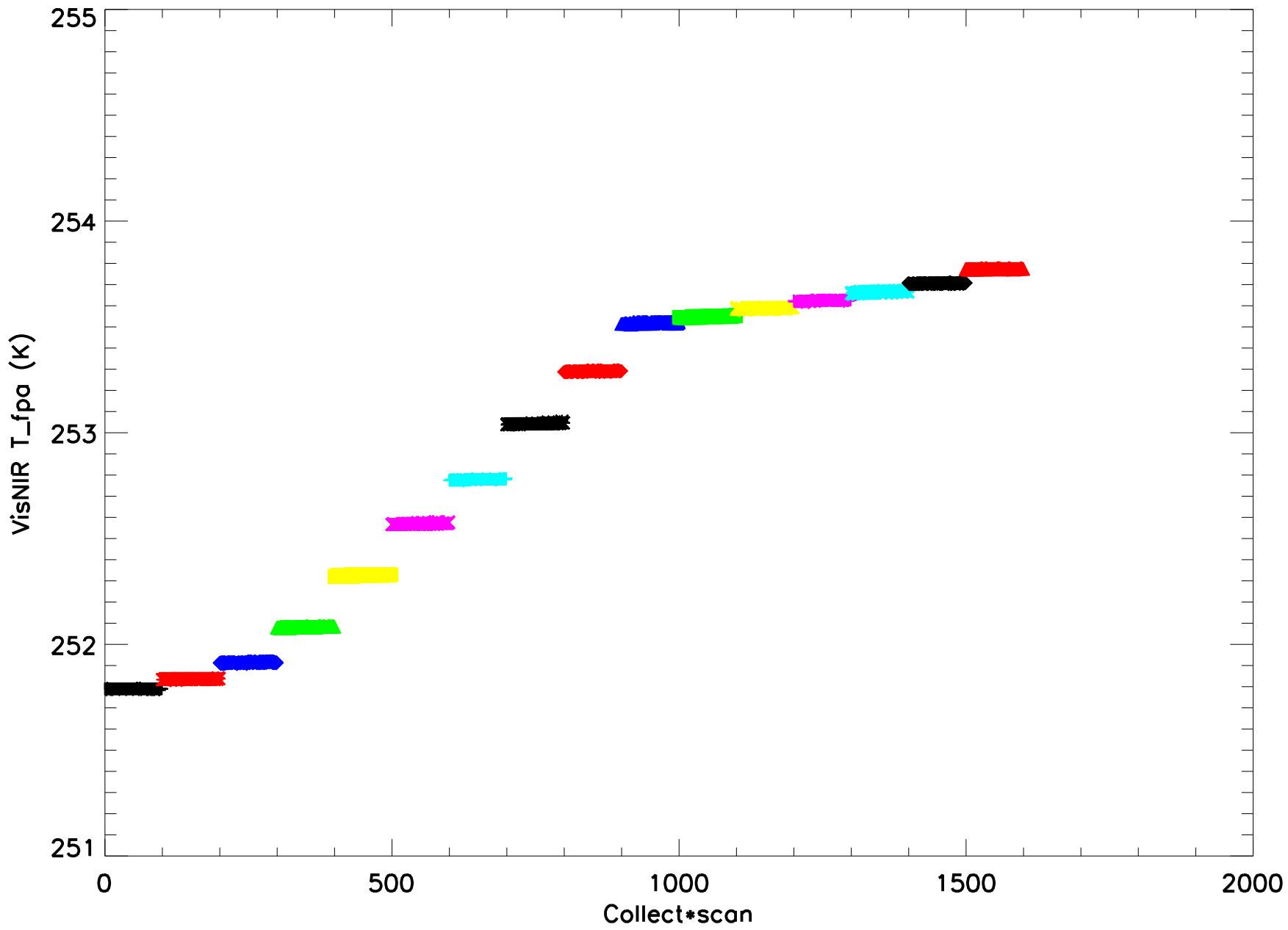

T_OBC per thermistors vs Scan
Collect=5
Collect=6
Collect=7
Collect=8
T_obc (K)
Scan
292.74
292.72
292.70
292.68
292.66
292.64
292.62
297.68
297.66
297.64
297.62
297.60
297.58
297.56
302.60
302.58
302.56
302.54
302.52
302.50
302.48
302.46
307.50
307.45
307.40
307.35
0
20
40
60
80
100
1
2
3
4
5
6

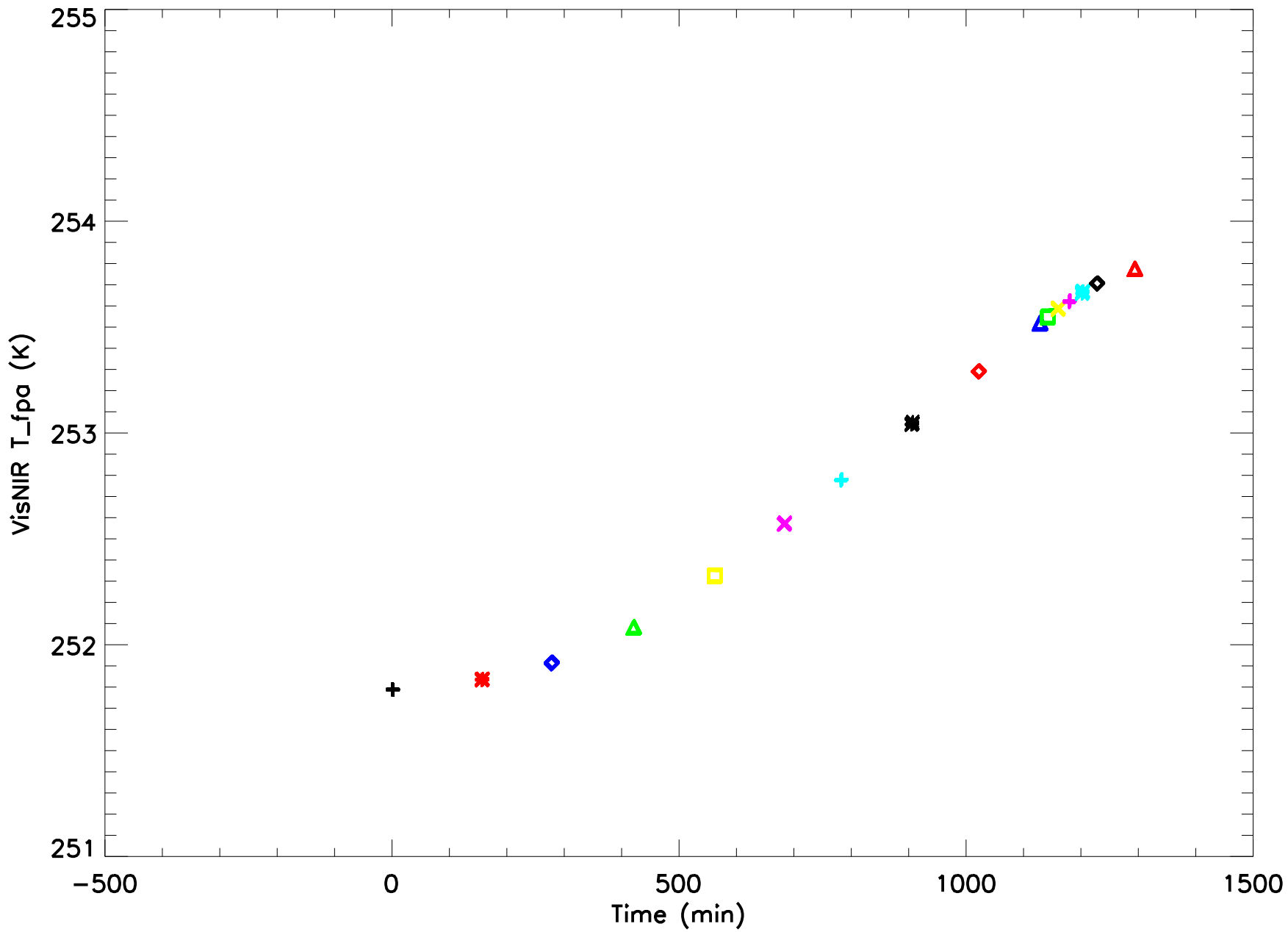

T_OBC per thermistors vs Scan
Collect=9
Collect=10
Collect=11
Collect=12
T_obc (K)
Scan
312.50
312.45
312.40
312.35
315.10
315.05
315.00
314.95
314.90
312.6
312.4
312.2
312.0
311.8
311.6
311.4
307.4
307.2
307.0
306.8
306.6
306.4
0
20
40
60
80
100
1
2
3
4
5
6

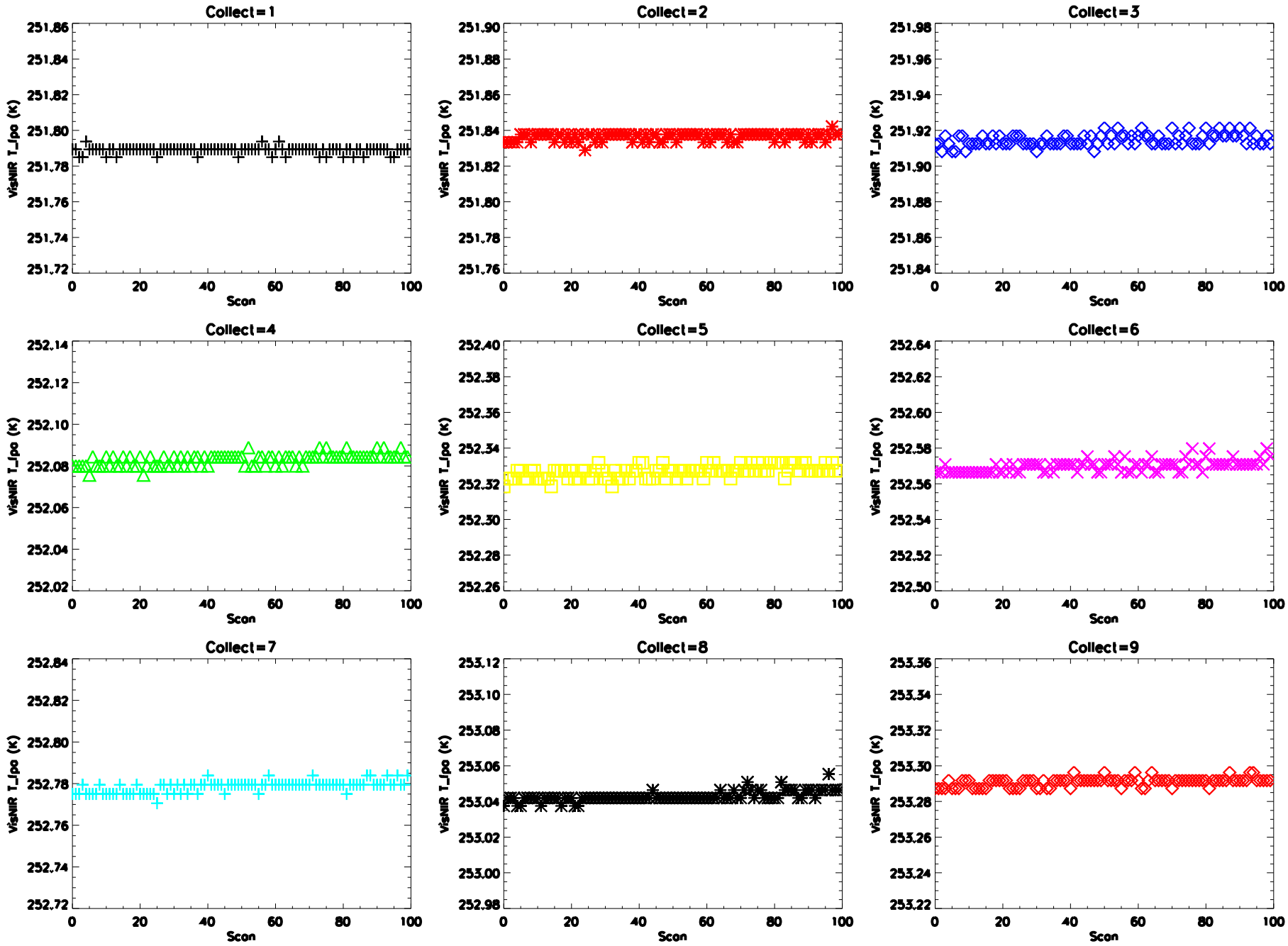

T_OBC per thermistors vs Scan
Collect=13
Collect=14
Collect=15
Collect=16
T_obc (K)
Scan
302.4
302.2
302.0
301.8
301.6
301.4
297.4
297.2
297.0
296.8
296.6
292.6
292.5
292.4
292.3
292.2
292.1
292.0
282.8
282.7
282.6
282.5
282.4
282.3
0
20
40
60
80
100
1
2
3
4
5
6


OBC thermistor standard deviation vs Scan and Collect
Standard deviation
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
500
1000
1500
2000
Collect*scan

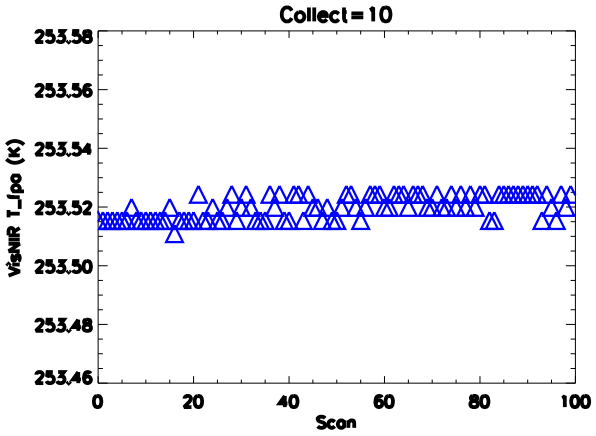

OBC thermistor standard deviation vs Collect
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
Collect

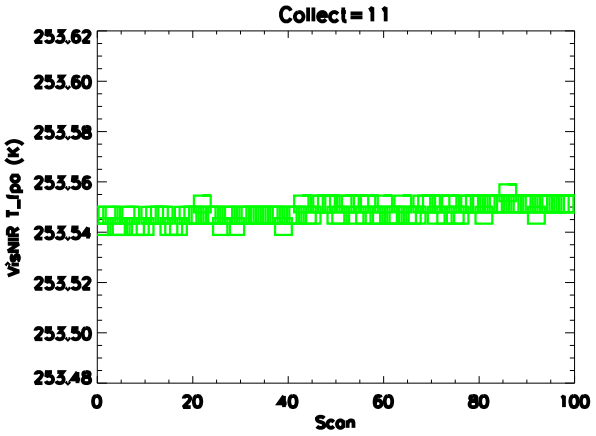

VisNIR T_fpa vs Scan and Collect
VisNIR T_fpa (K)
255
254
253
252
251
0
500
1000
1500
2000
Collect*scan

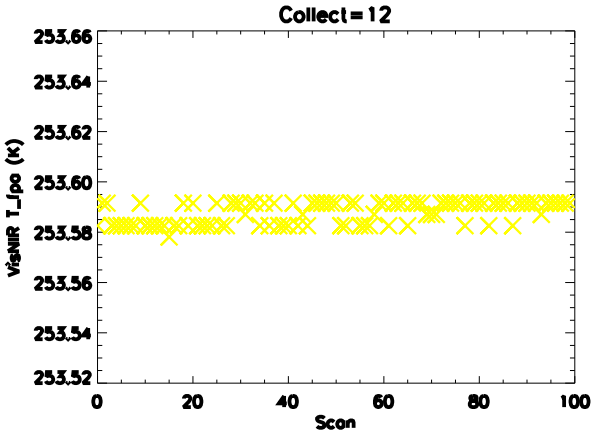

VisNIR T_fpa vs Time
255
254
253
252
251
VisNIR T_fpa (K)
−500
0
500
1000
1500
Time (min)

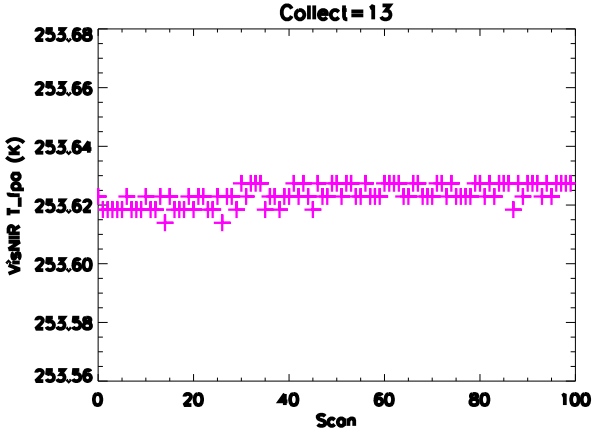

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_lpo (K)
Scan

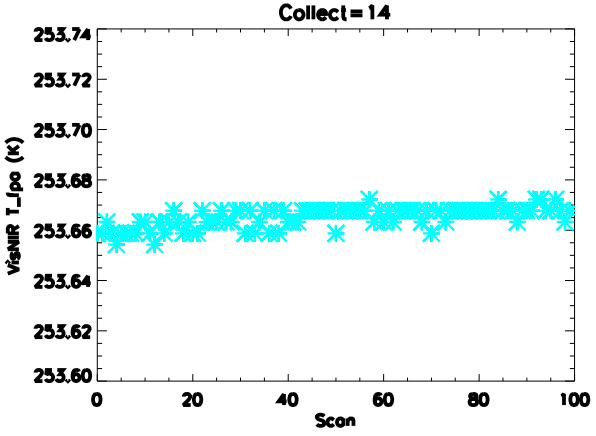
VisNIR T_fpa vs Scan

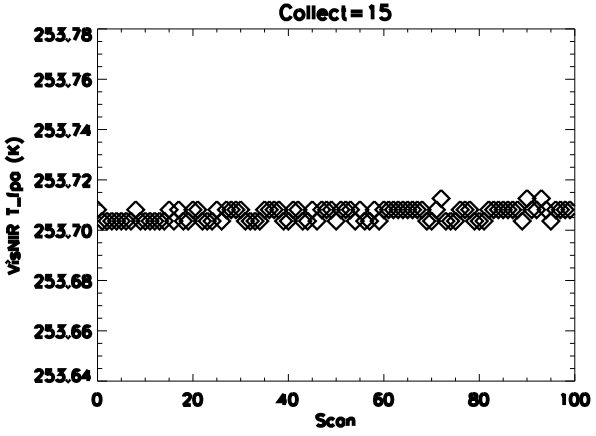


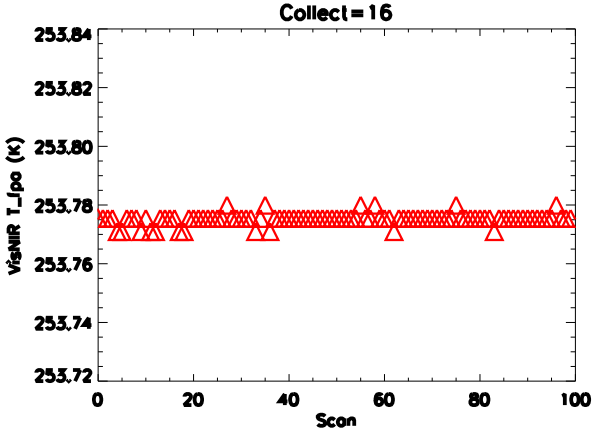


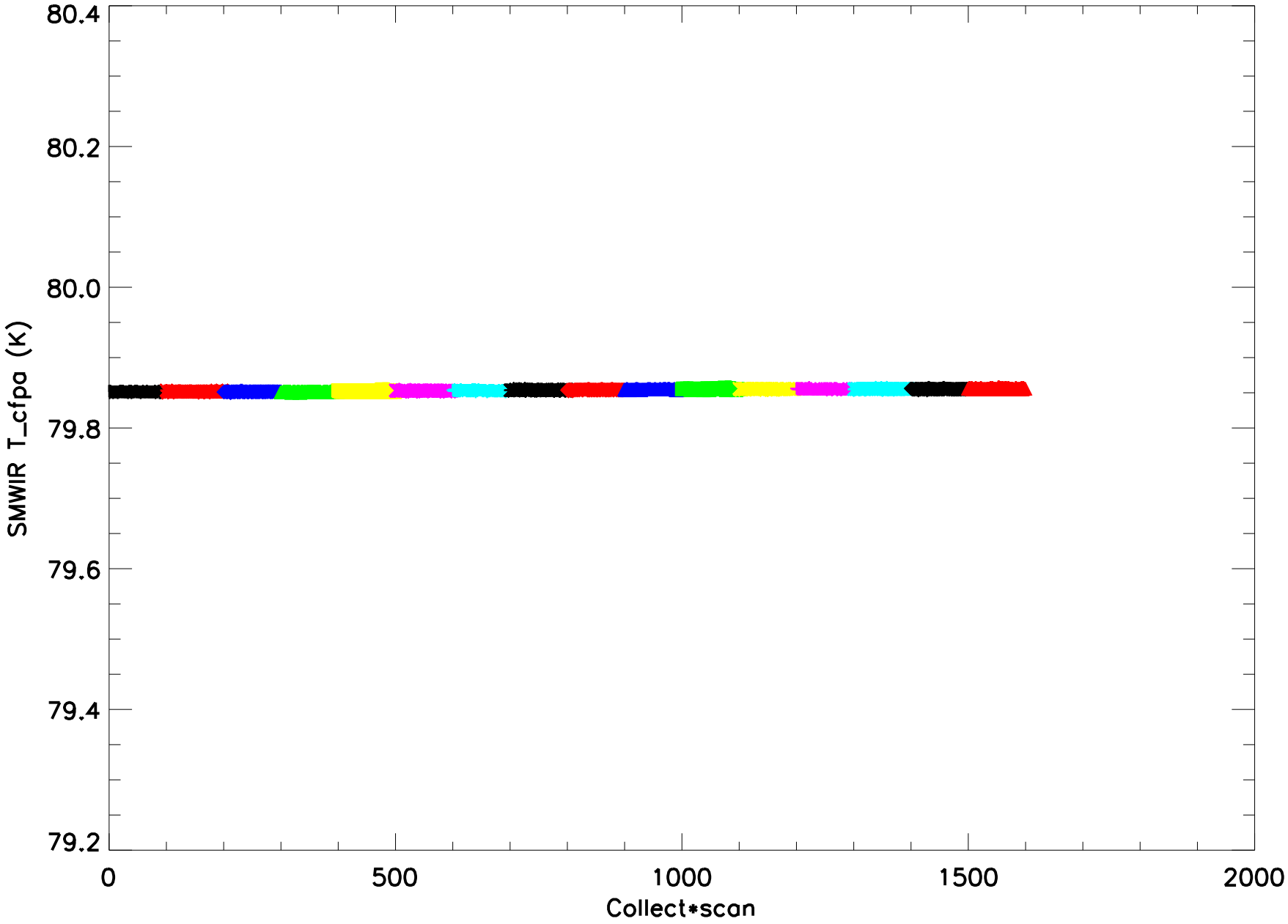


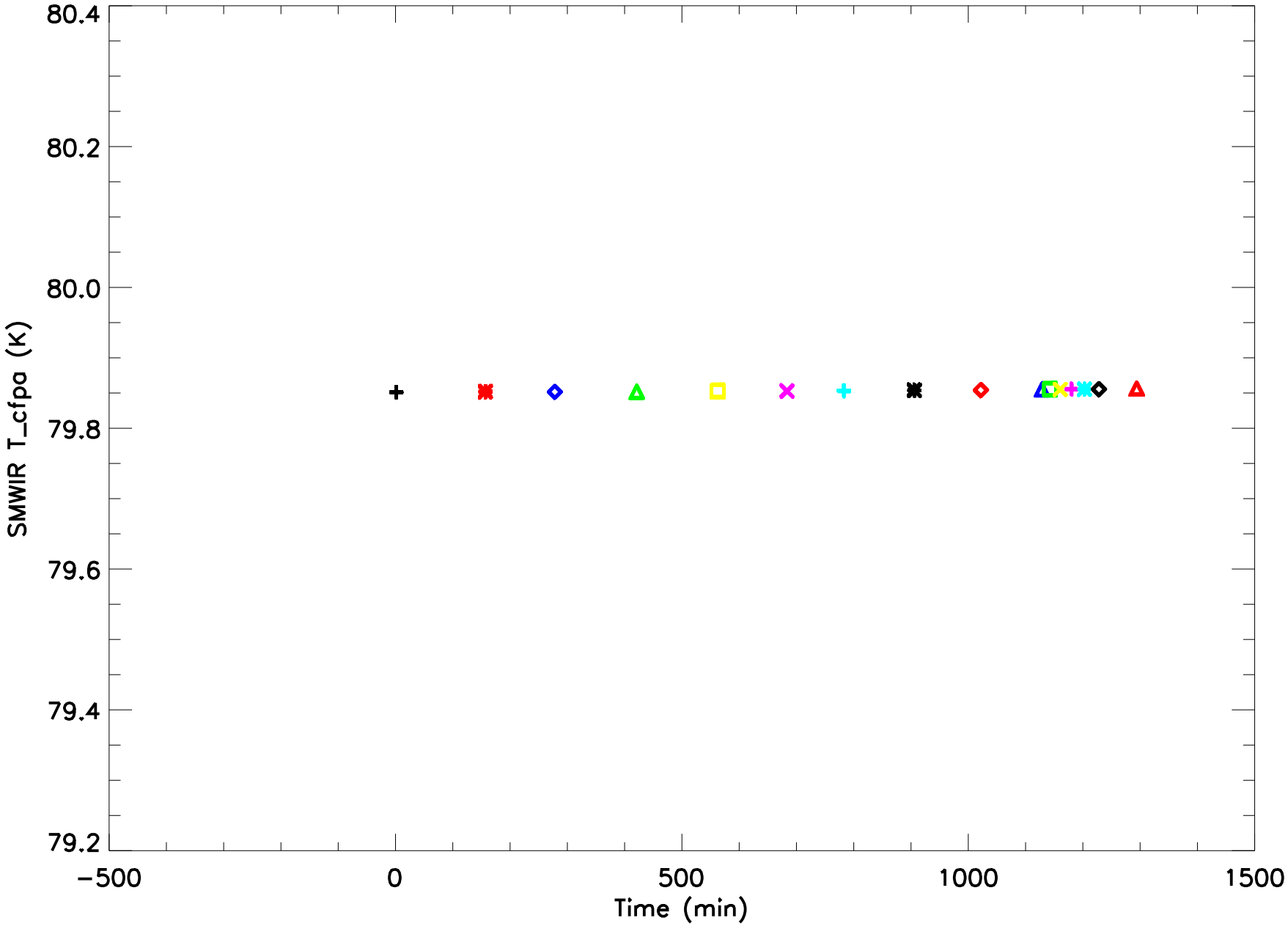






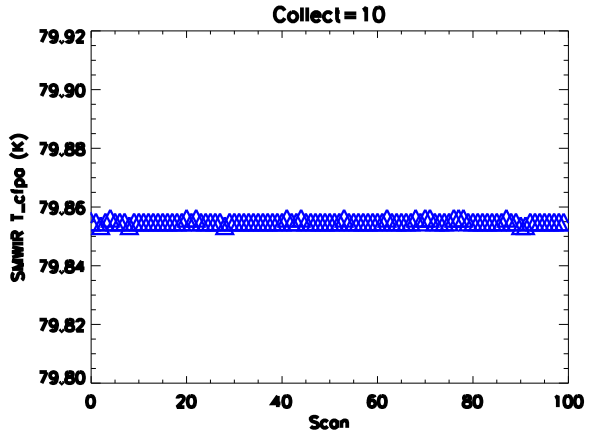


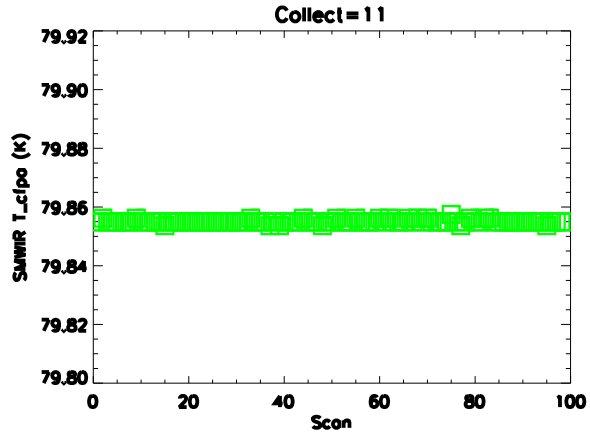

SMWIR T_cfpa vs Scan and Collect
80.4
80.2
80.0
79.8
79.6
79.4
79.2
SMWIR T_cfpa (K)
0
500
1000
1500
2000
Collect*scan

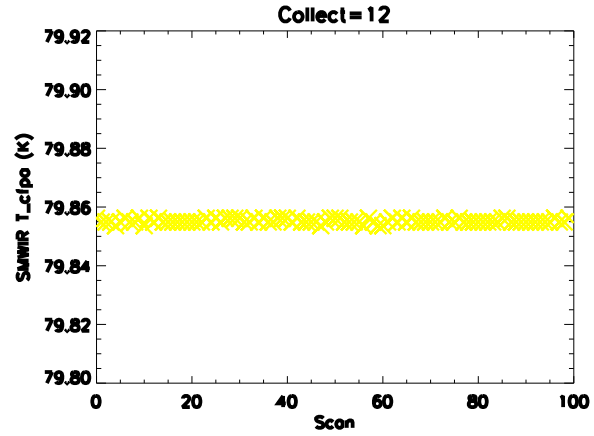

SMWIR T_cfpa vs Time
80.4
80.2
80.0
79.8
79.6
79.4
79.2
SMWIR T_cfpa (K)
−500
0
500
1000
1500
Time (min)

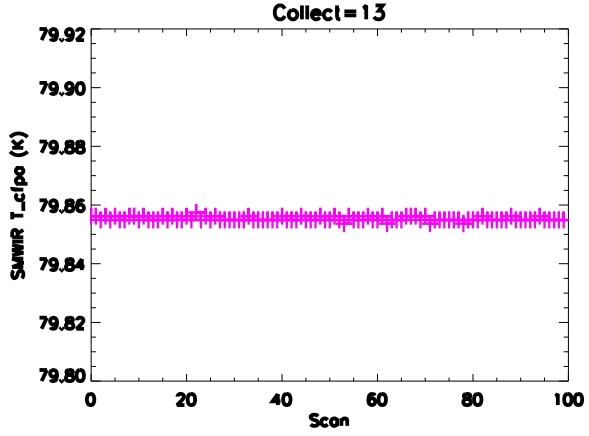
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SMMR T_cipa (K)
Scan
79.92
79.90
79.88
79.86
79.84
79.82
79.80
79.78
0
20
40
60
80
100

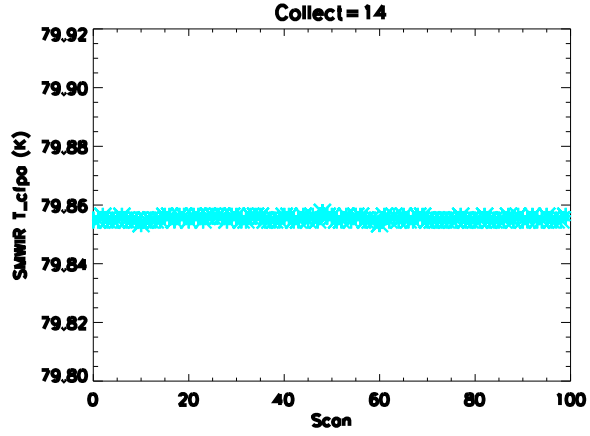
SMWIR T_cfpa vs Scan

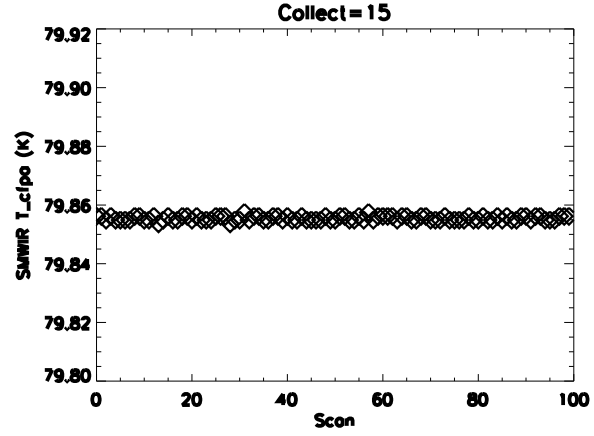


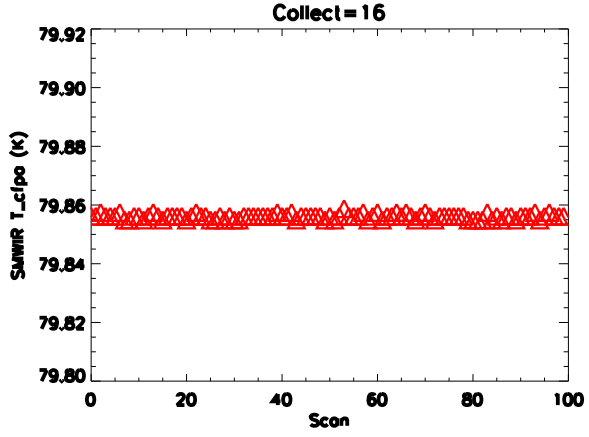


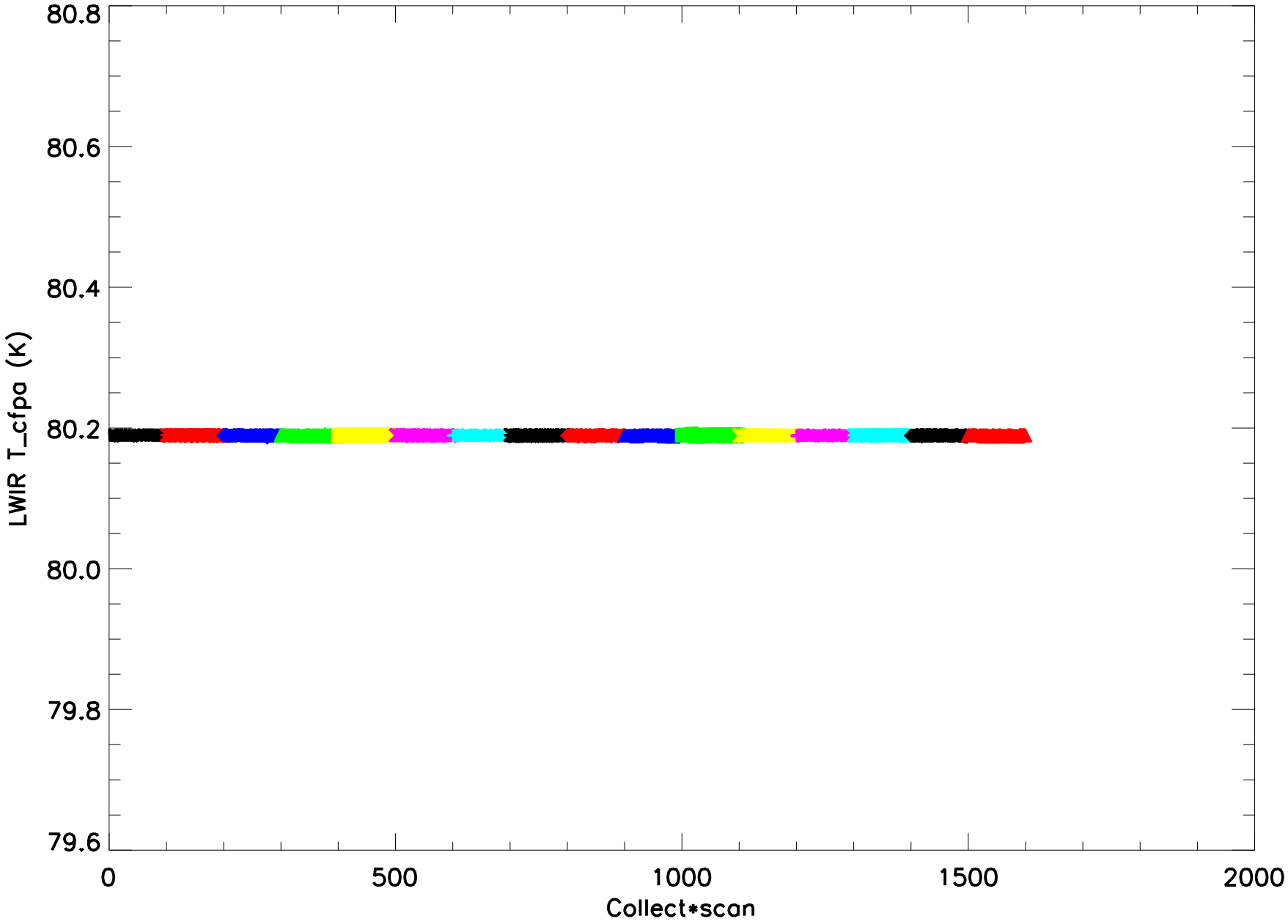


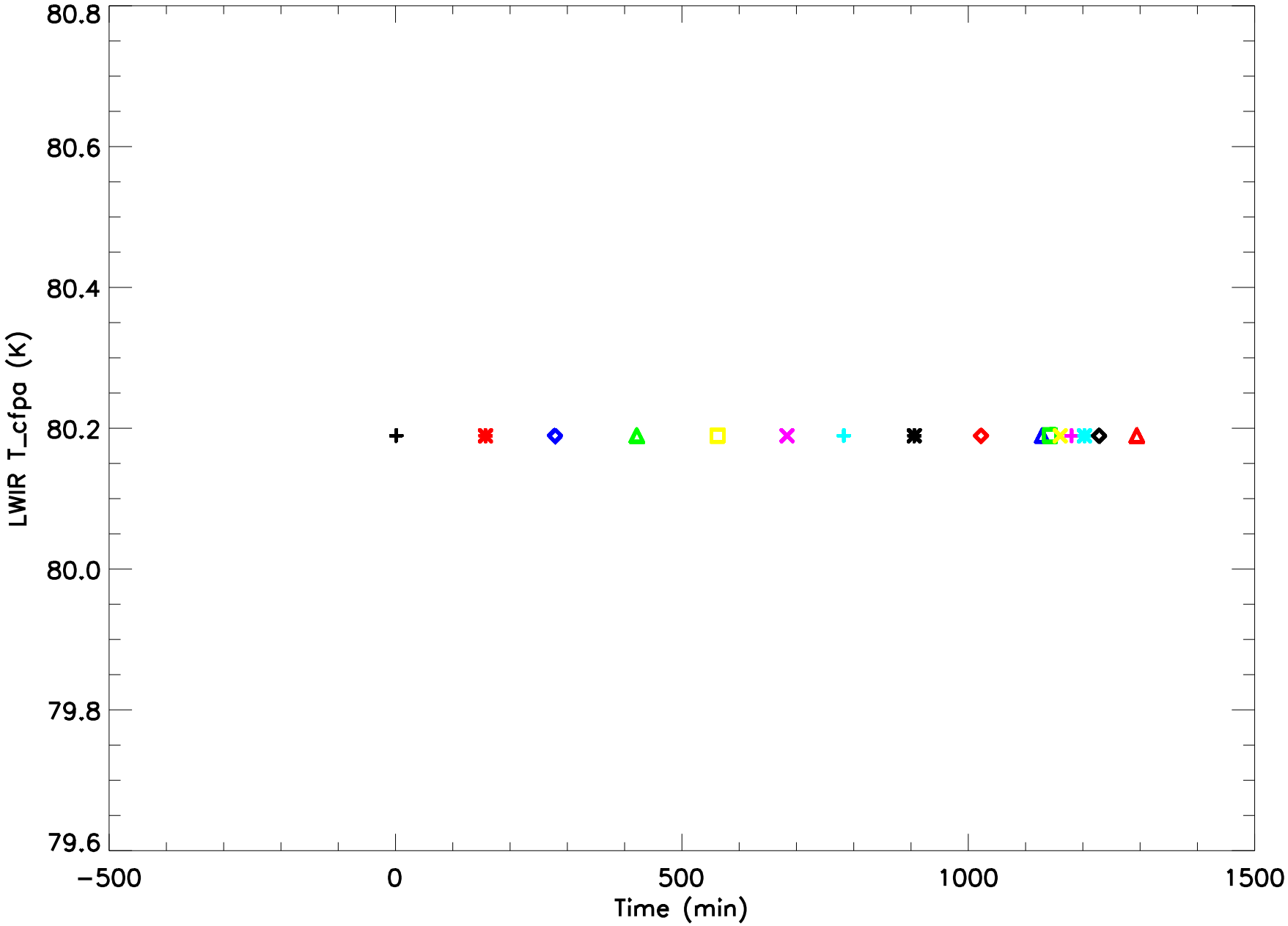


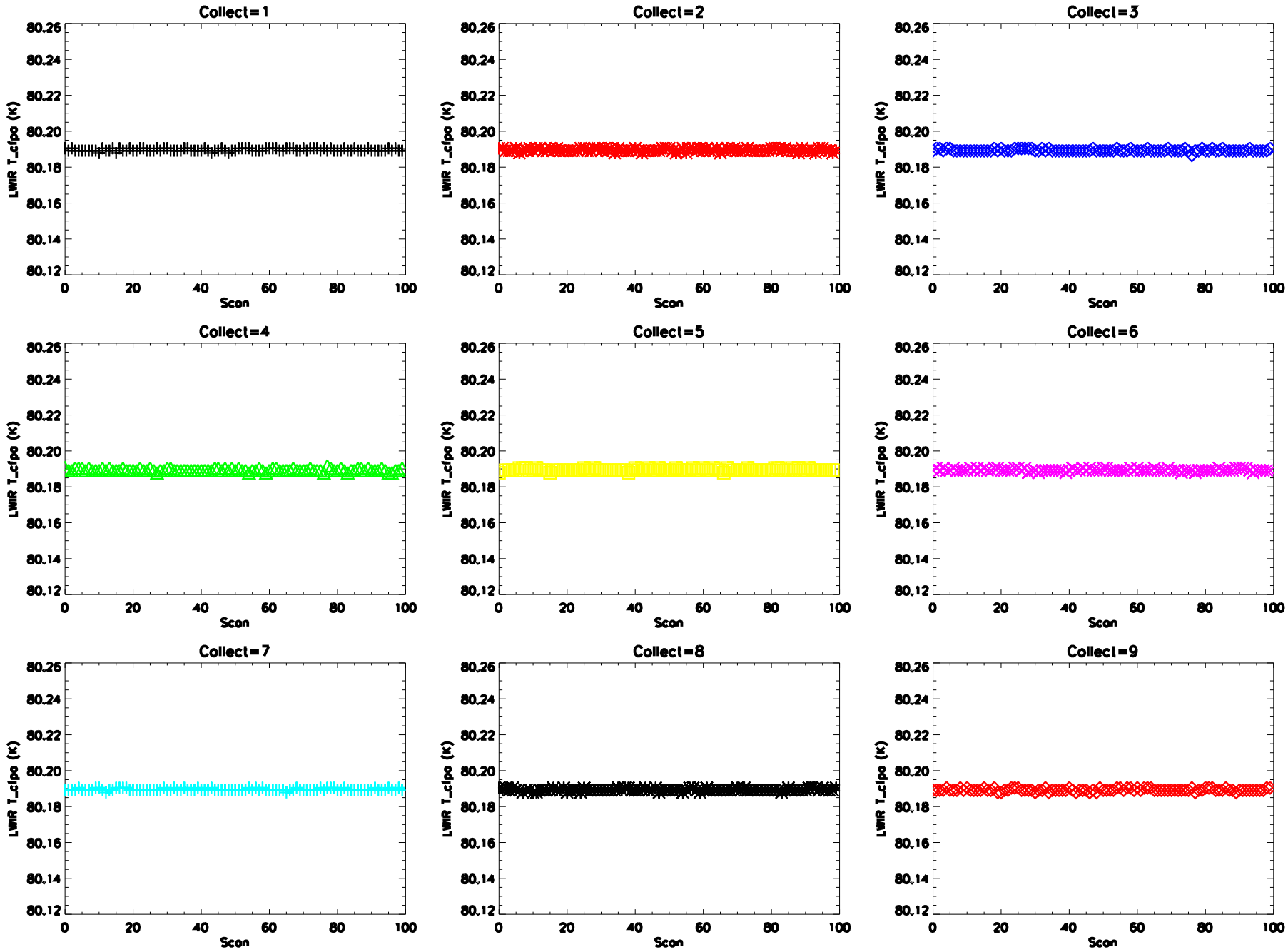




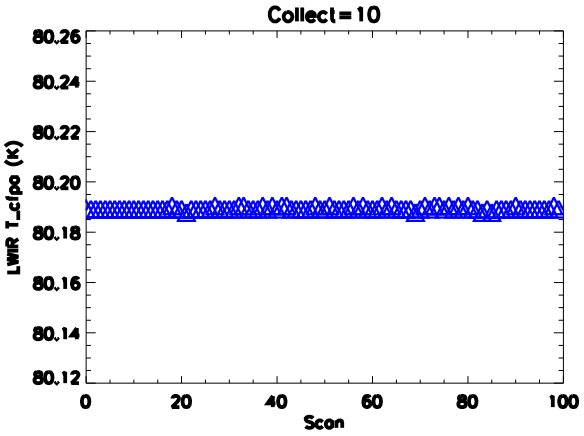


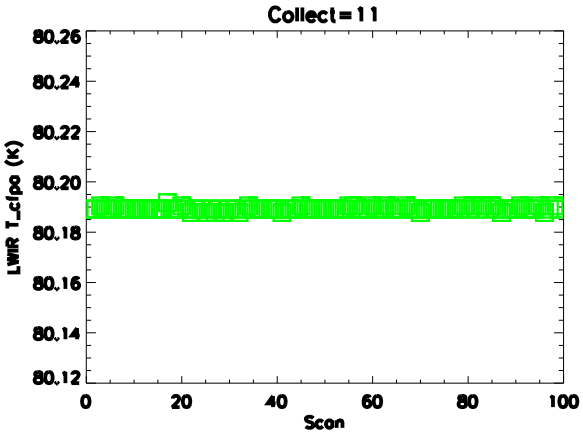

LWIR T_cfpa vs Scan and Collect
80.8
80.6
80.4
80.2
80.0
79.8
79.6
LWIR T_cfpa (K)
0
500
1000
1500
2000
Collect*scan

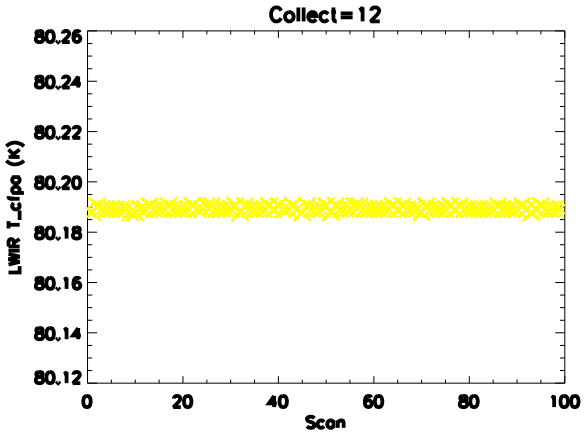

LWIR T_cfpa vs Time
80.8
80.6
80.4
80.2
80.0
79.8
79.6
LWIR T_cfpa (K)
−500
0
500
1000
1500
Time (min)

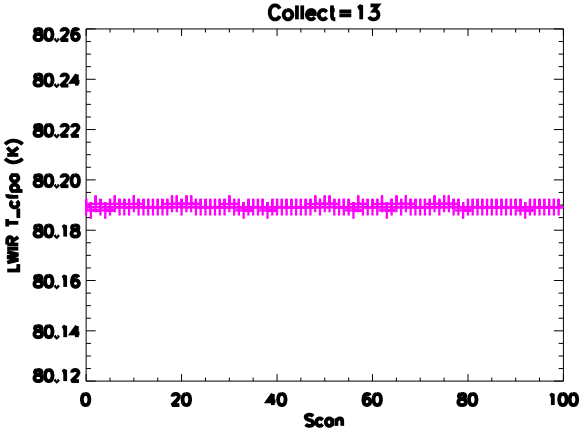

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_clpo (K)
Scan
80.12
80.14
80.16
80.18
80.20
80.22
80.24
80.26
0
20
40
60
80
100

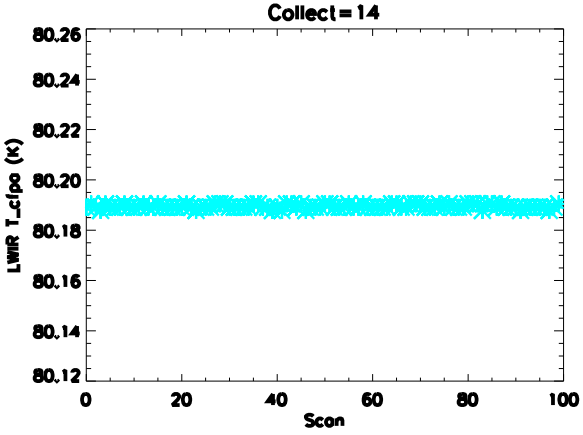
LWIR T_cfpa vs Scan

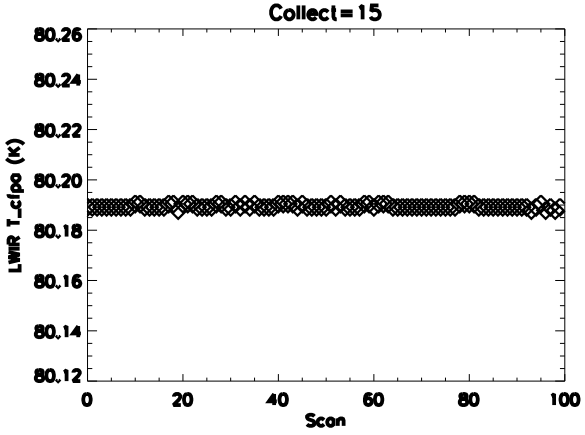


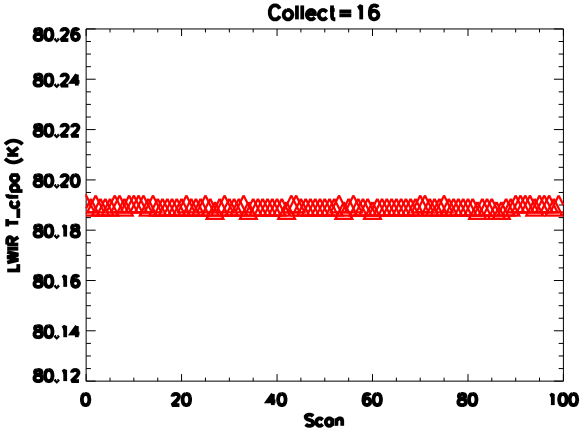


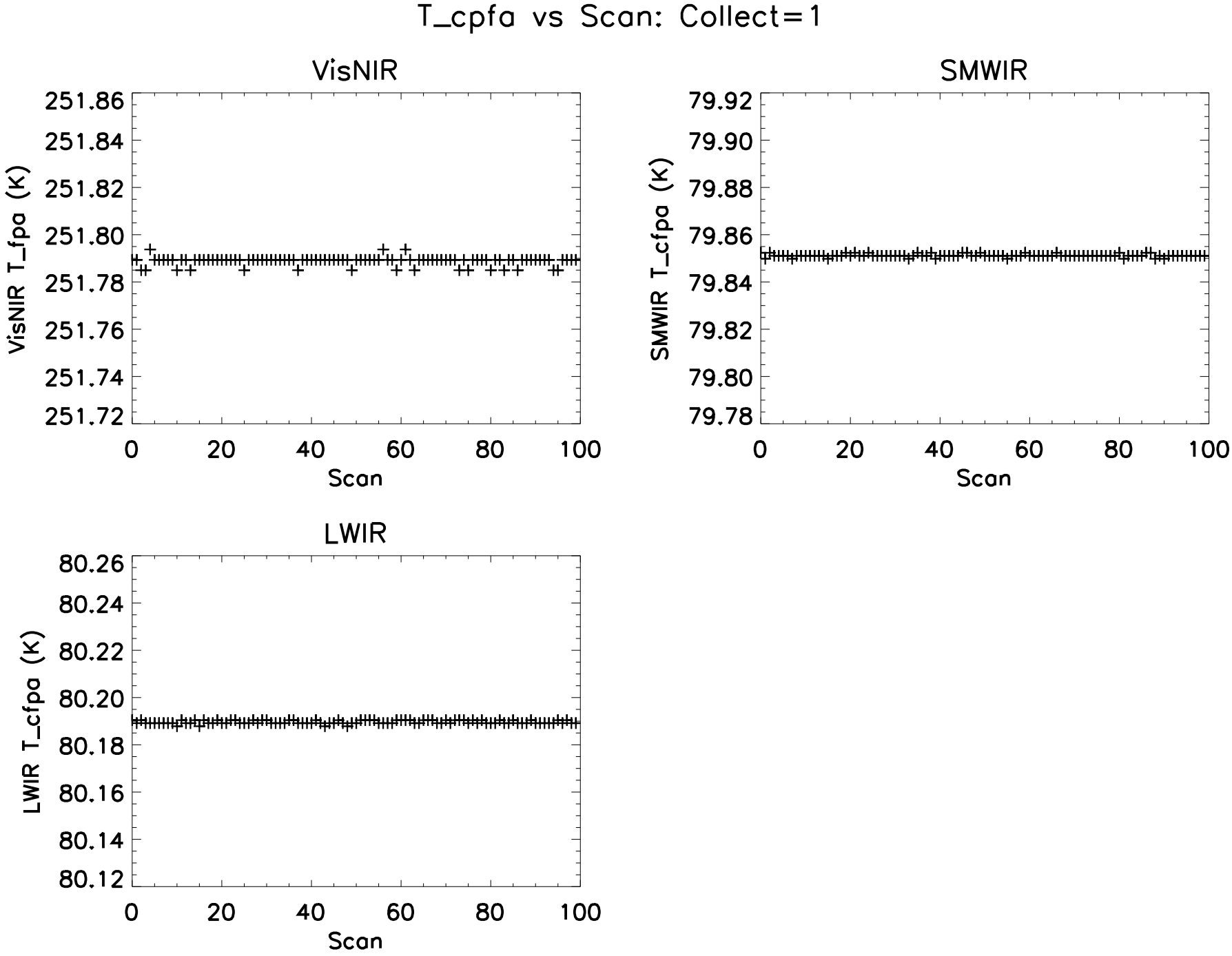


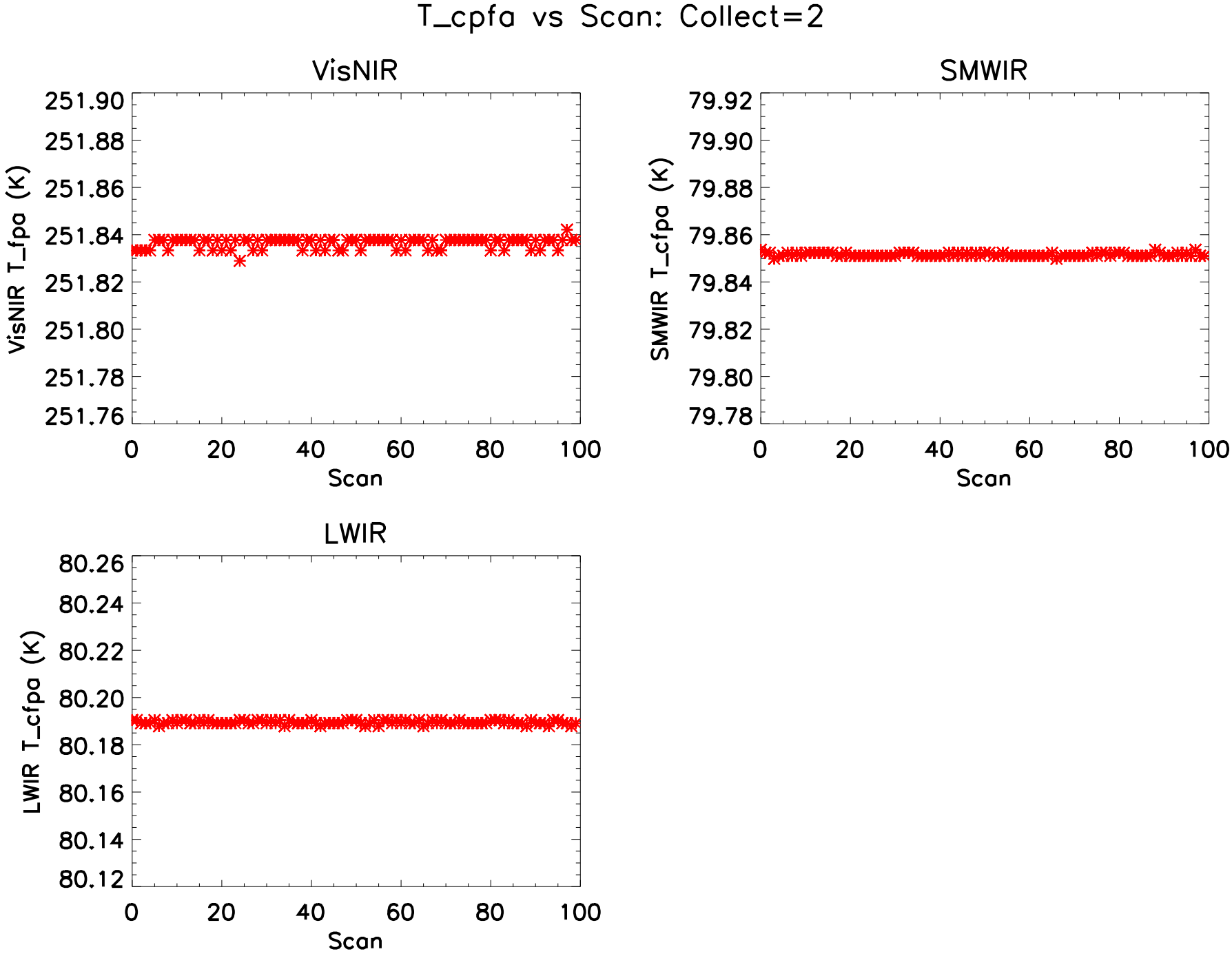


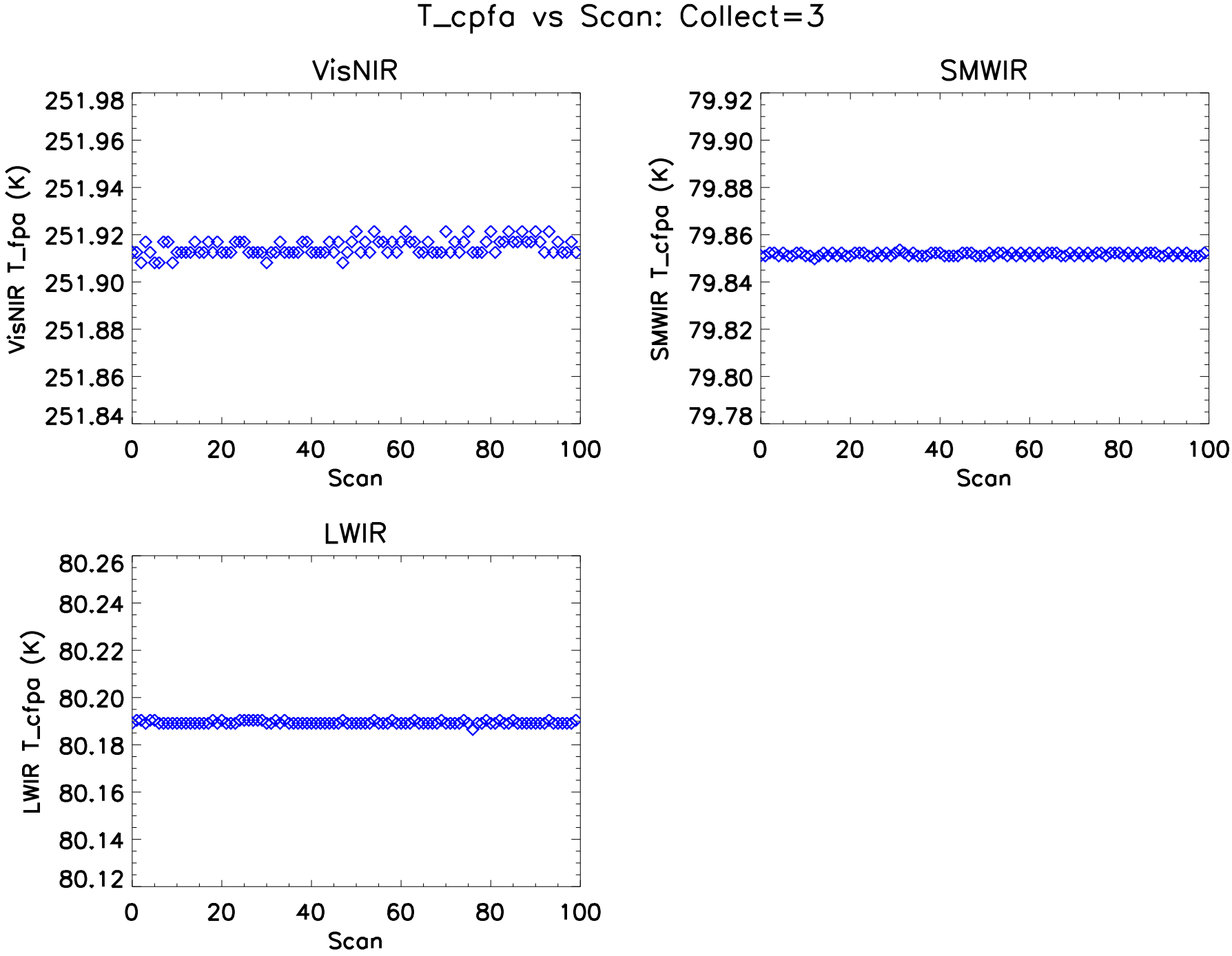


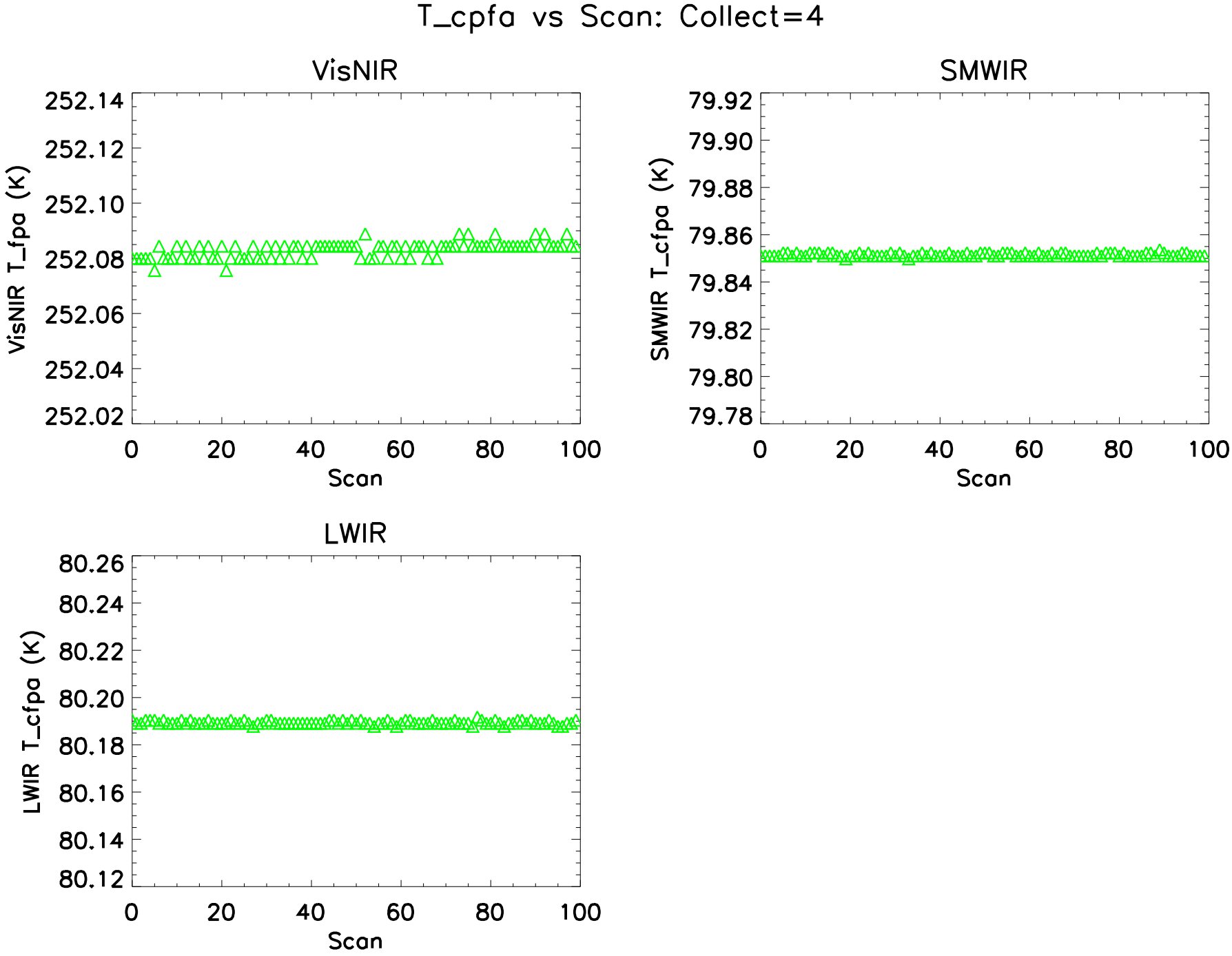


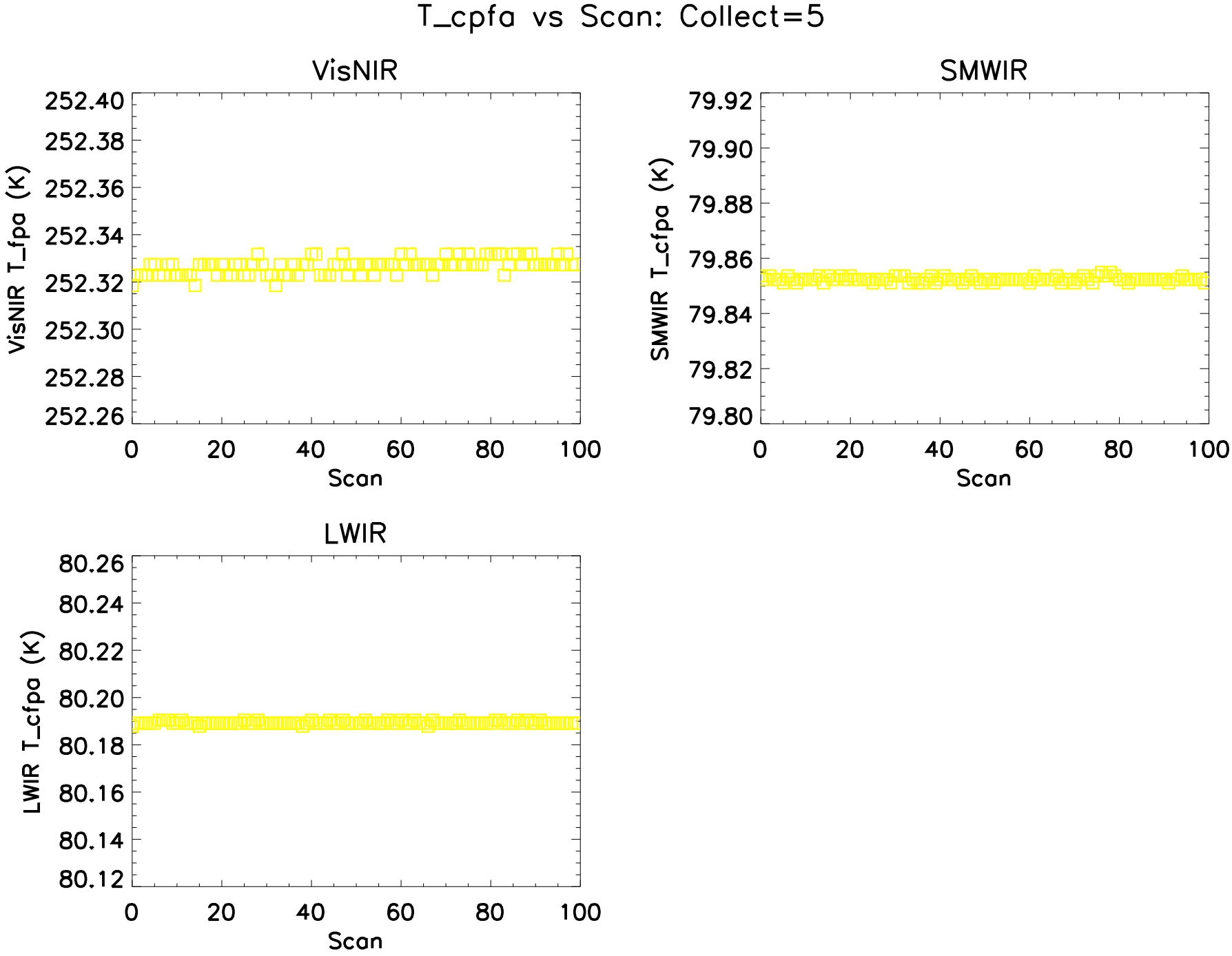


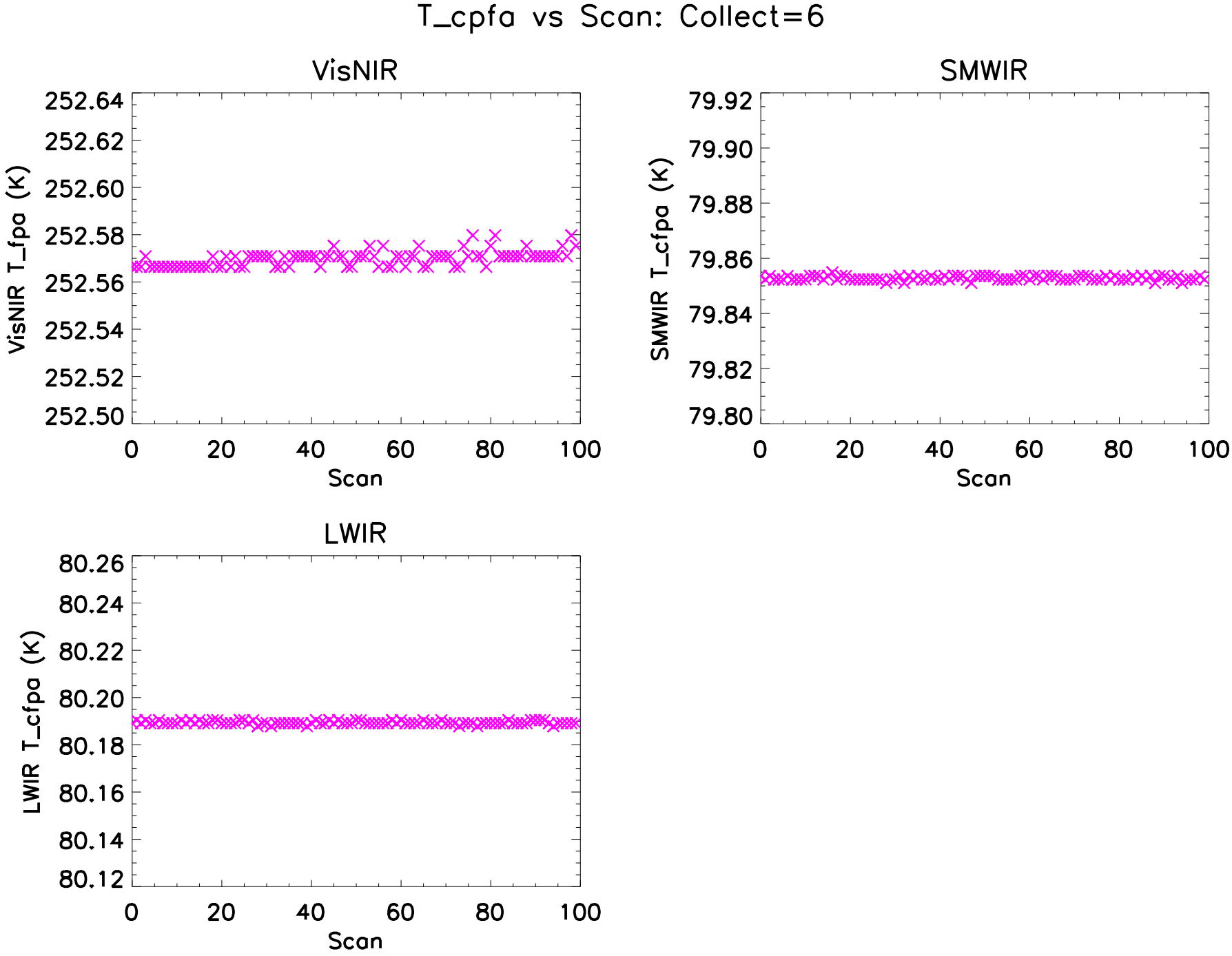

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
251.86
251.84
251.82
251.80
251.78
251.76
251.74
251.72
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
79.78
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

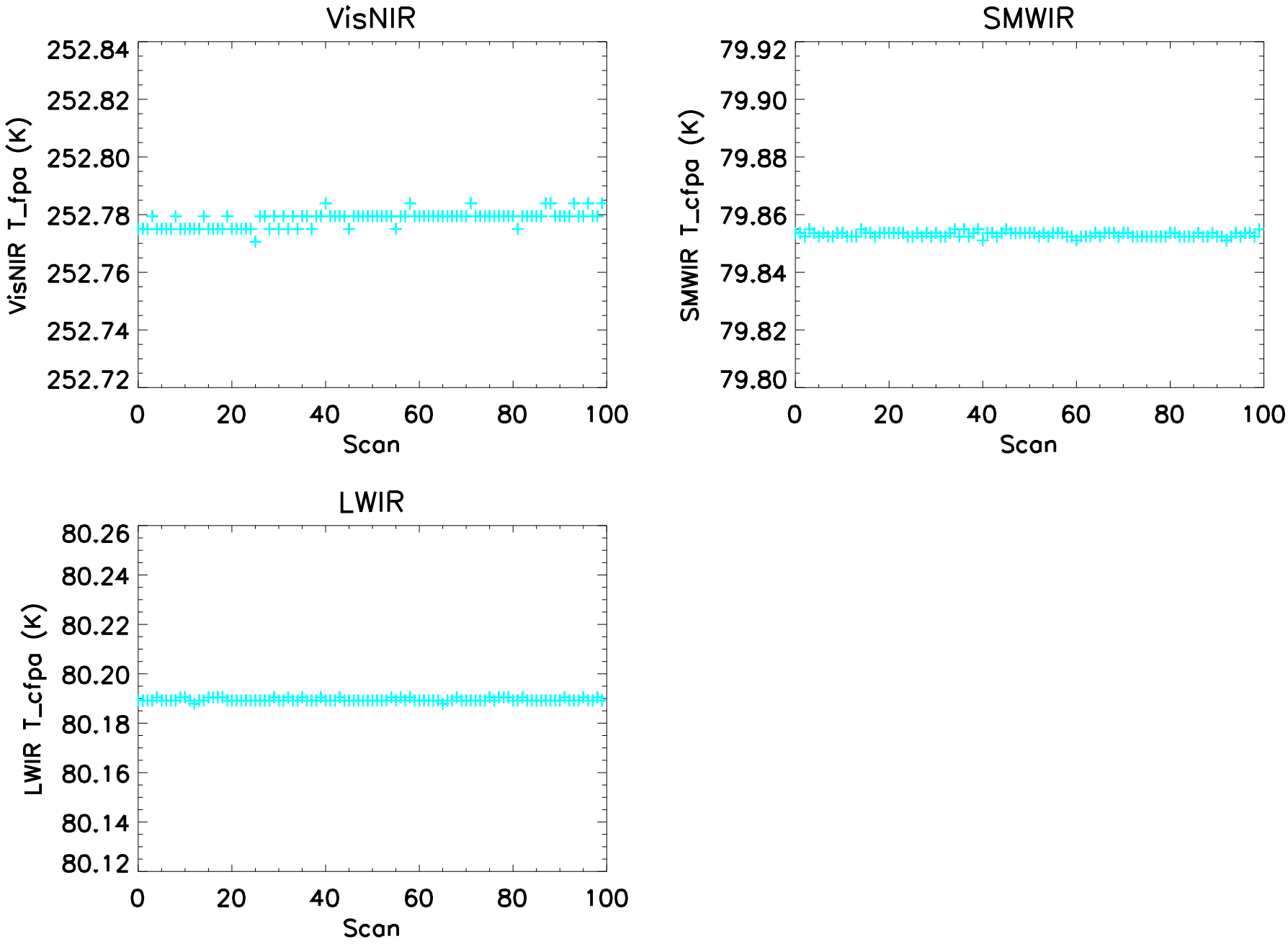

T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
251.90
251.88
251.86
251.84
251.82
251.80
251.78
251.76
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
79.78
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

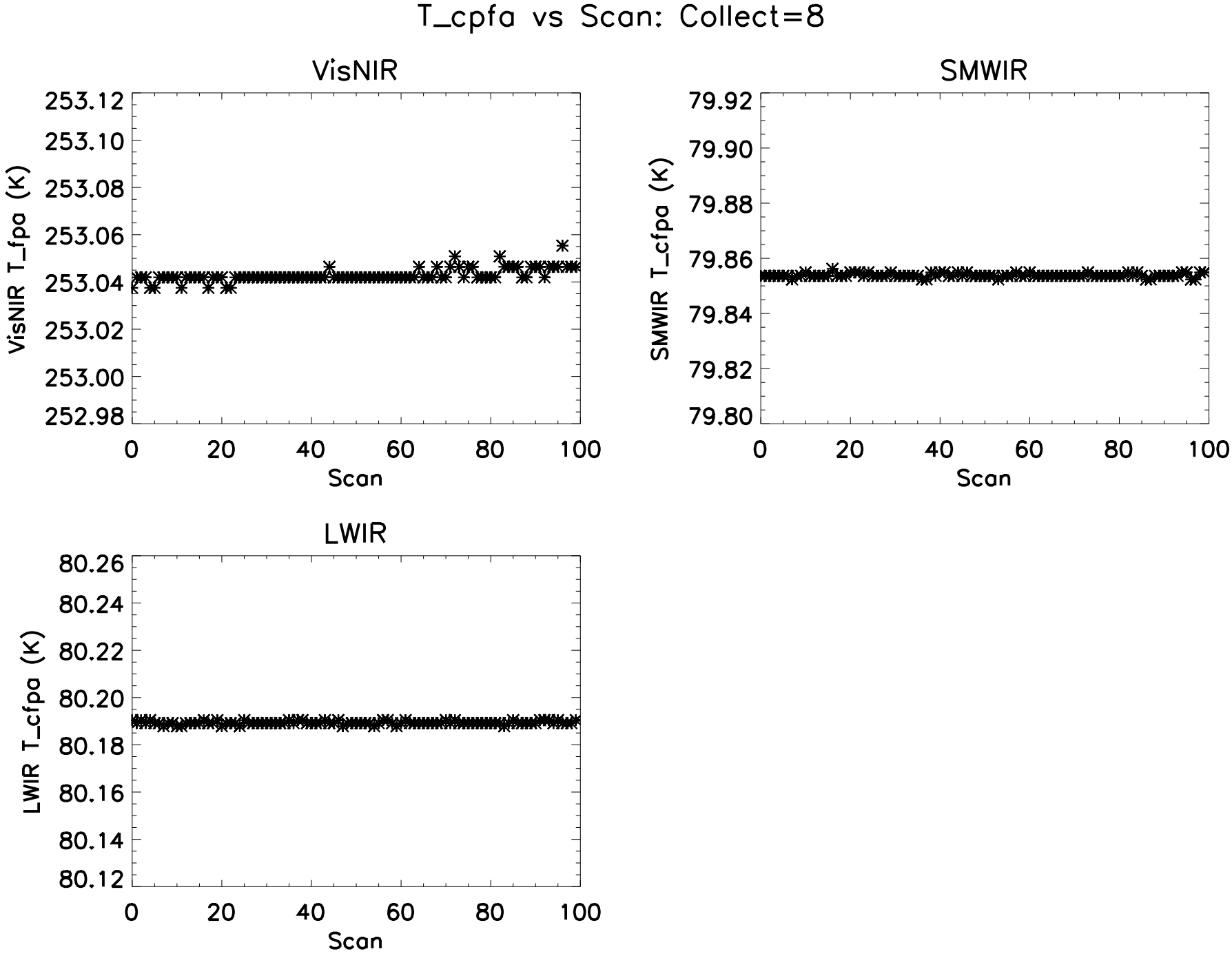

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
251.98
251.96
251.94
251.92
251.90
251.88
251.86
251.84
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
79.78
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

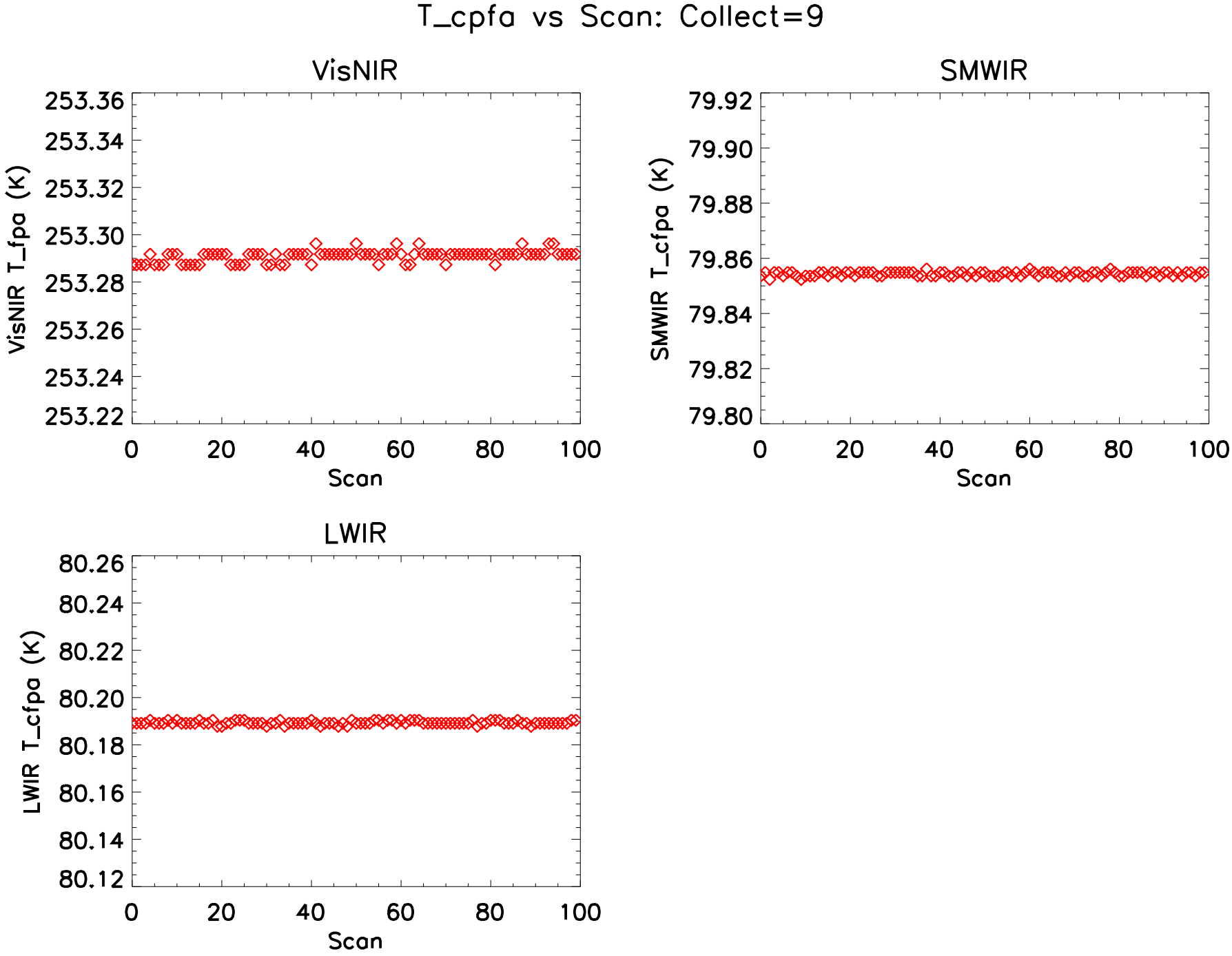

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
252.14
252.12
252.10
252.08
252.06
252.04
252.02
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
79.78
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

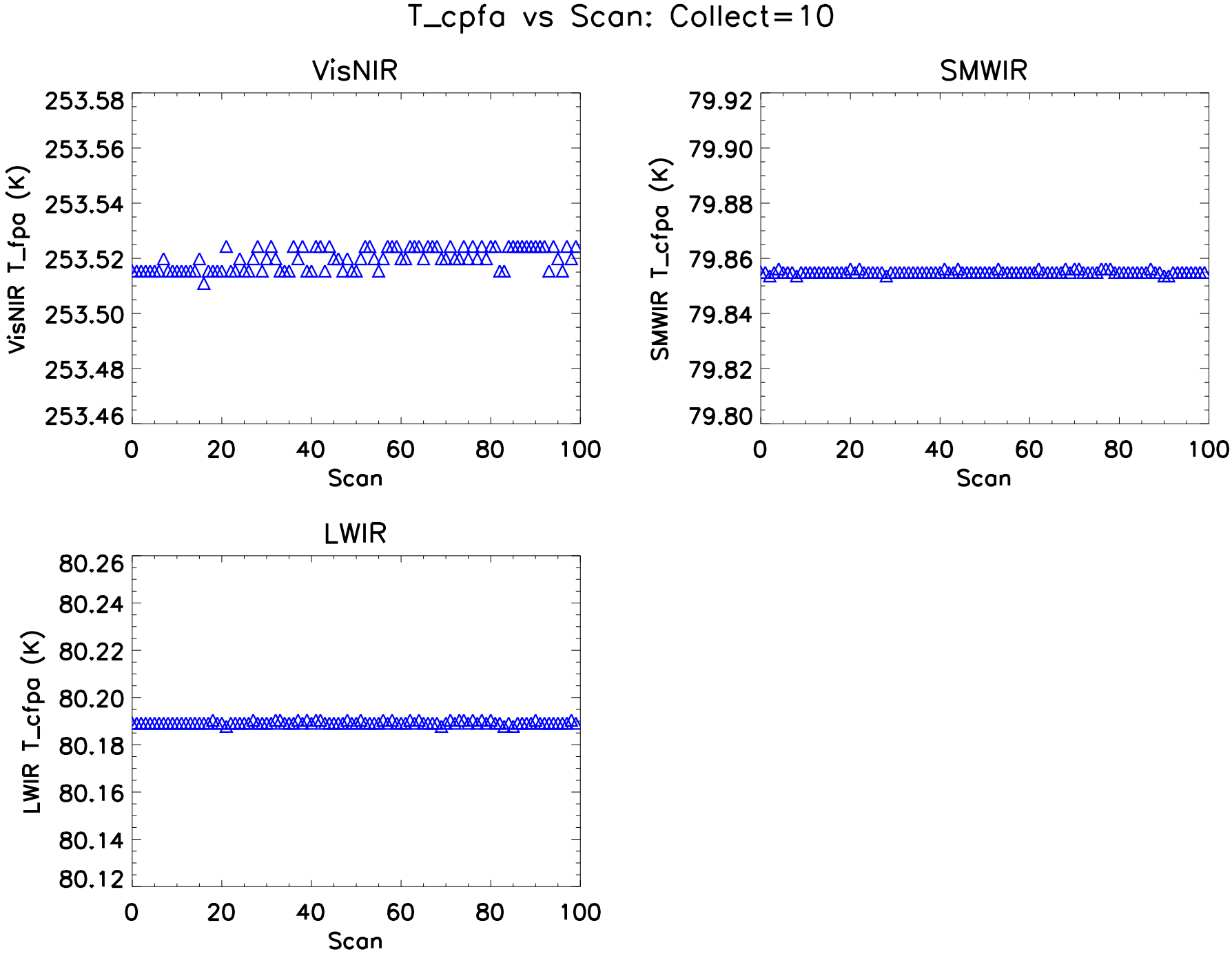

T_cpfa vs Scan: Collect=5
VisNIR
VisNIR T_fpa (K)
252.40
252.38
252.36
252.34
252.32
252.30
252.28
252.26
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

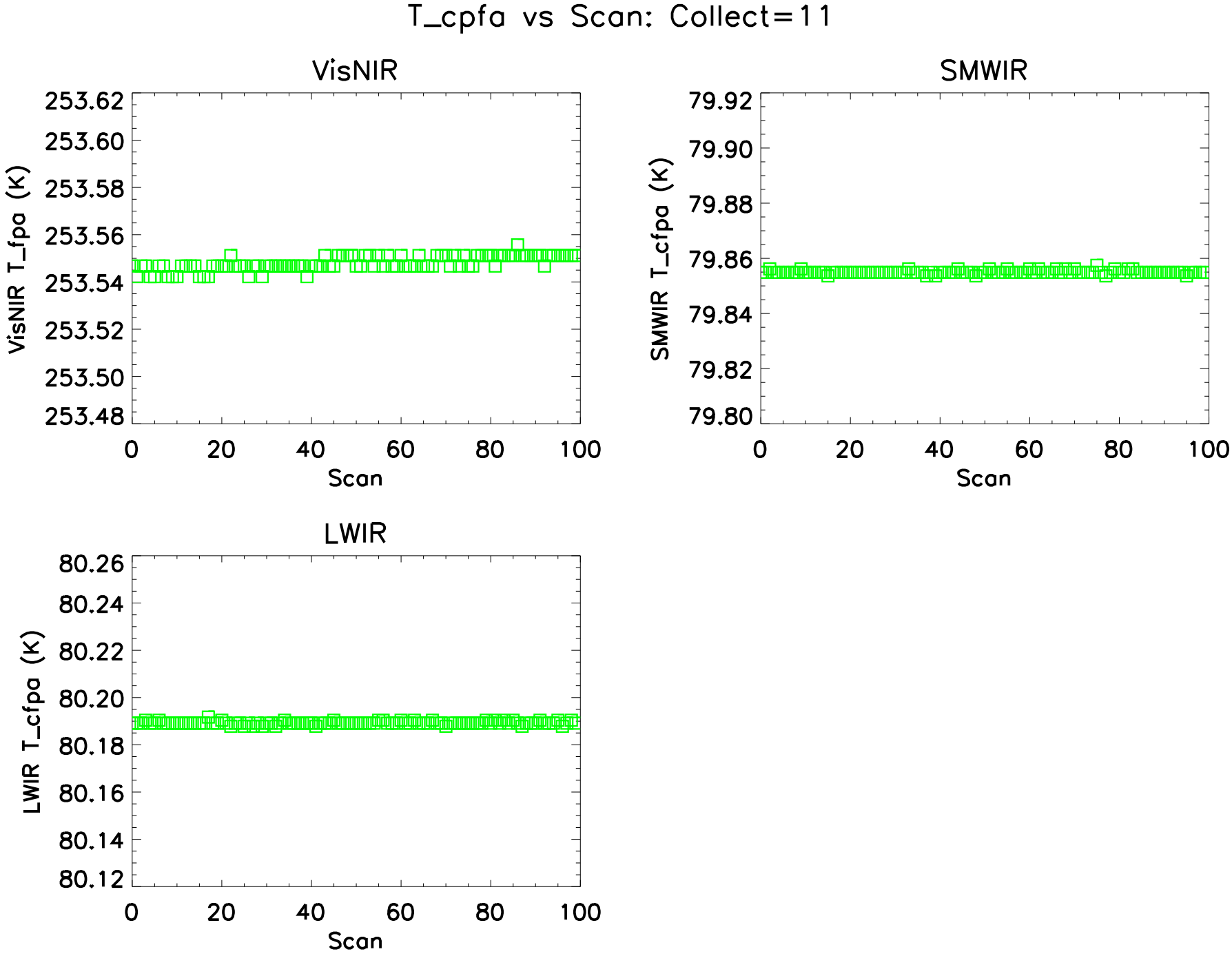

T_cpfa vs Scan: Collect=6
VisNIR
VisNIR T_fpa (K)
252.64
252.62
252.60
252.58
252.56
252.54
252.52
252.50
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

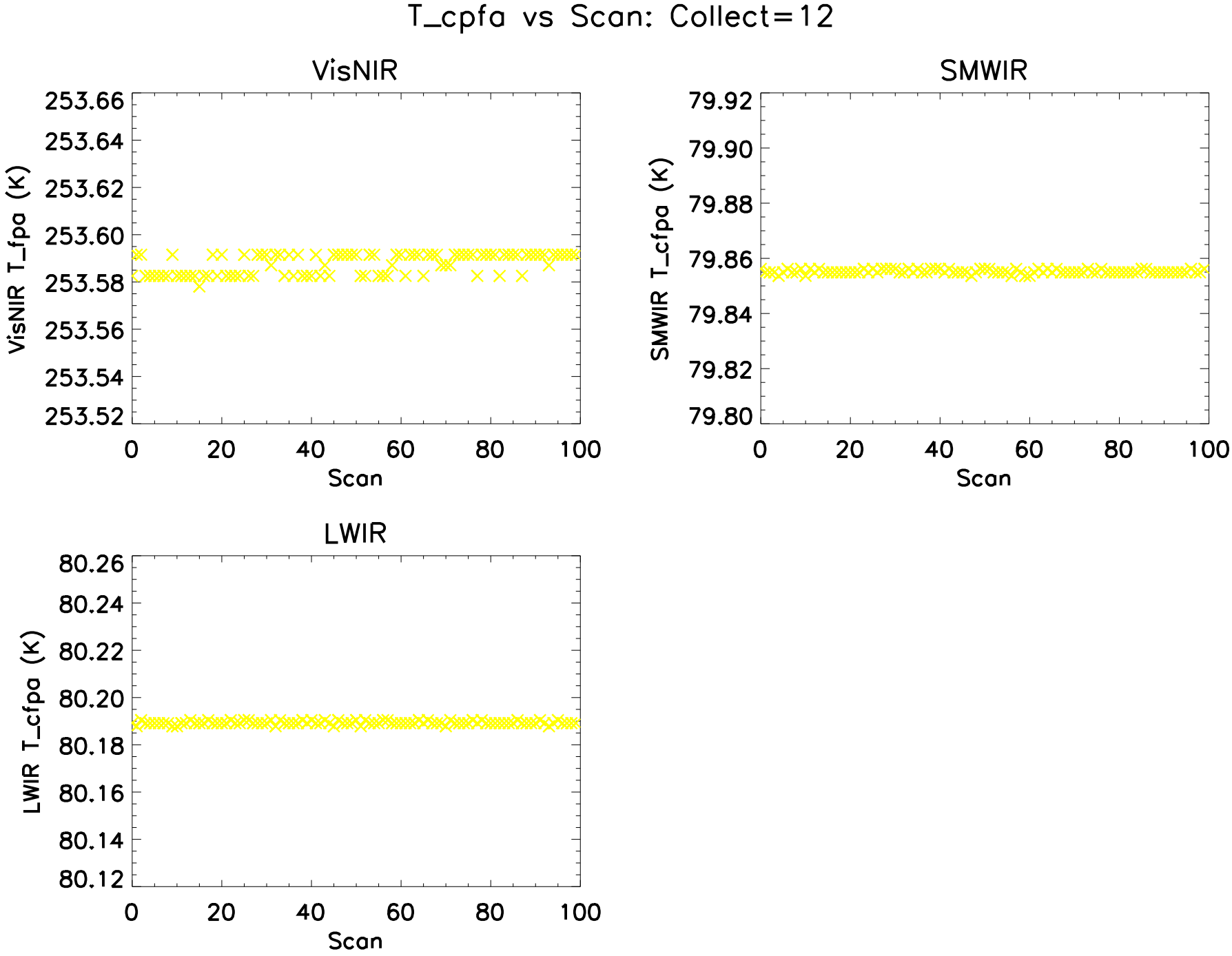

T_cpfa vs Scan: Collect=7
VisNIR
VisNIR T_fpa (K)
252.84
252.82
252.80
252.78
252.76
252.74
252.72
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

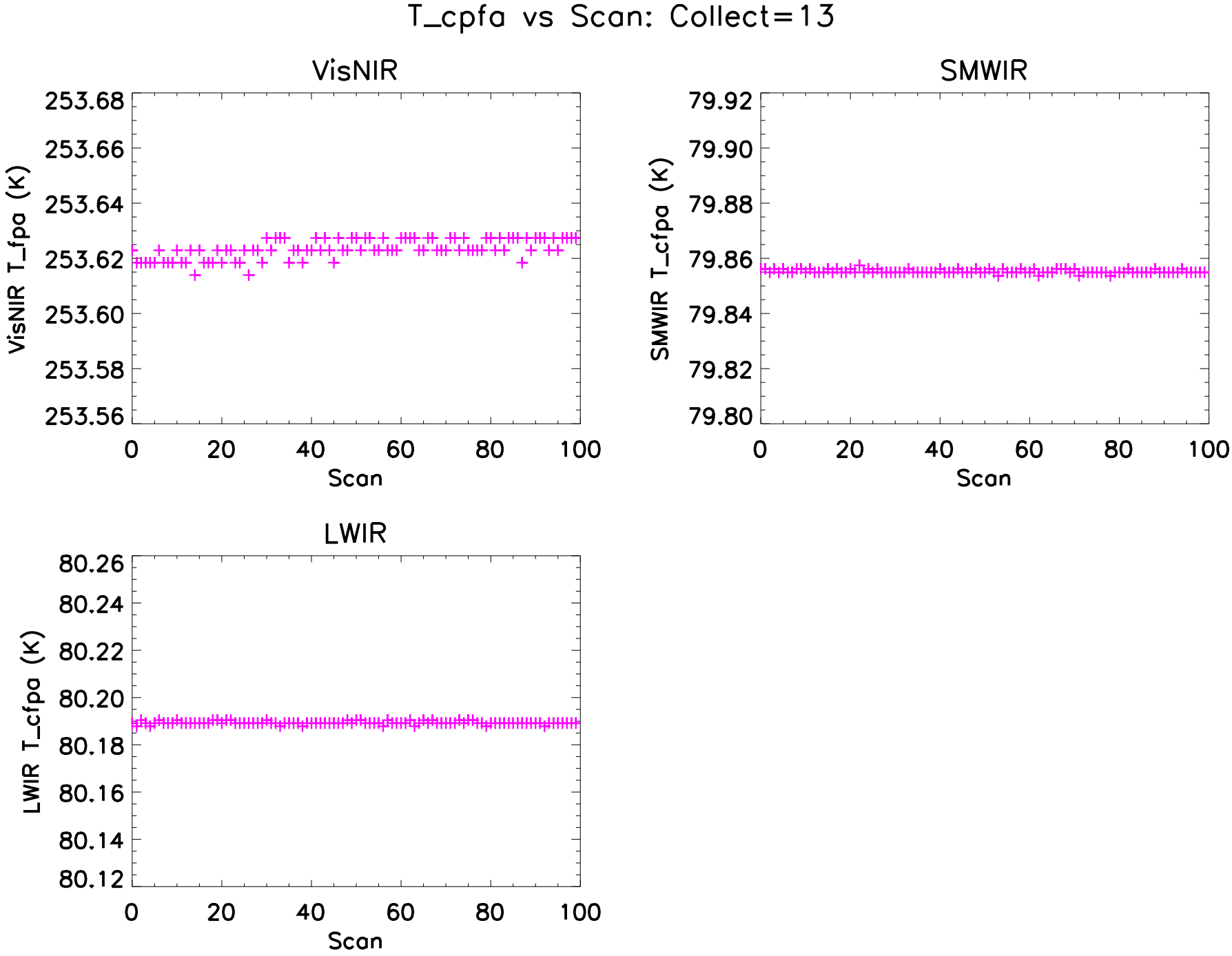

T_cpfa vs Scan: Collect=8
VisNIR
VisNIR T_fpa (K)
253.12
253.10
253.08
253.06
253.04
253.02
253.00
252.98
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

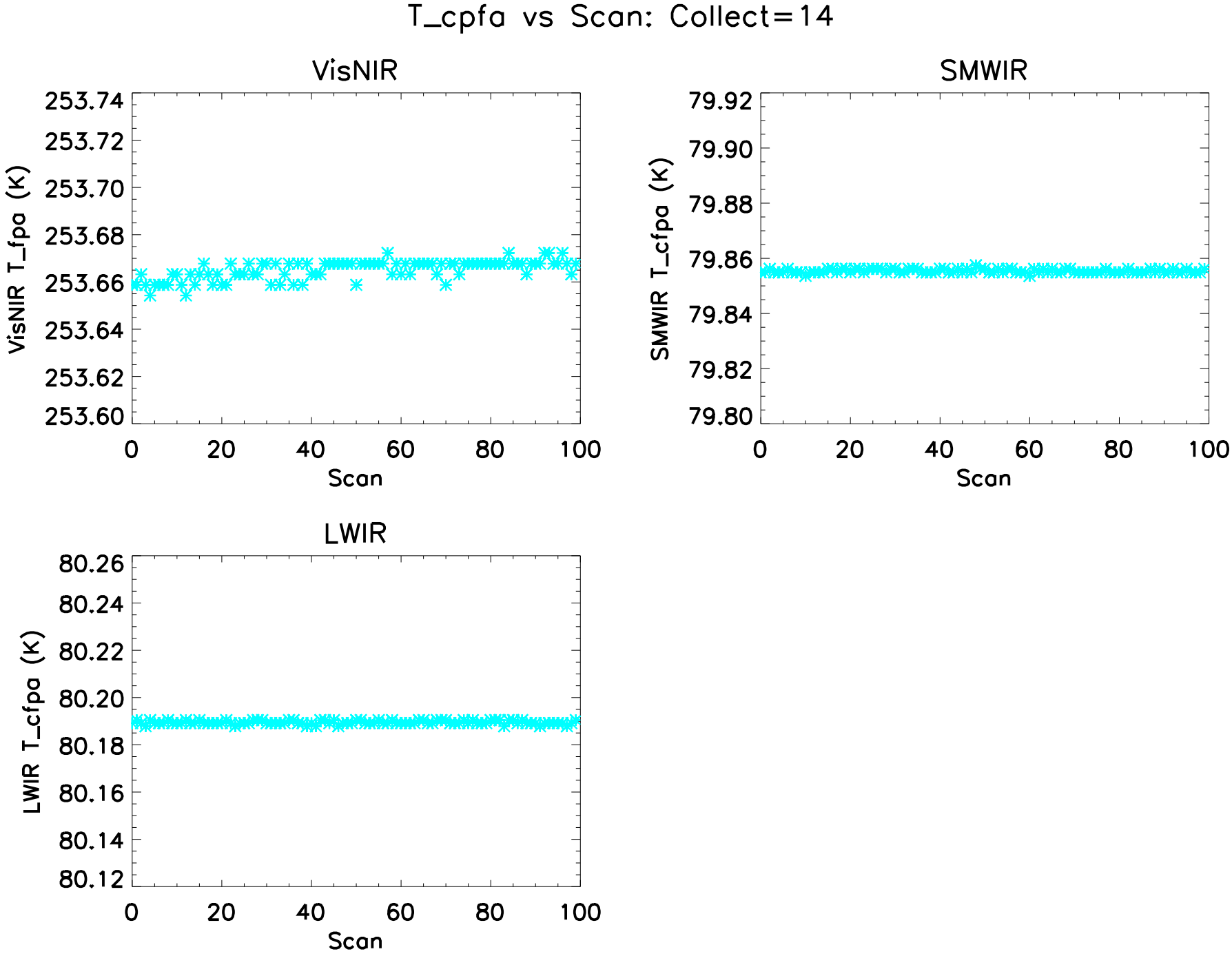

T_cpfa vs Scan: Collect=9
VisNIR
VisNIR T_fpa (K)
253.36
253.34
253.32
253.30
253.28
253.26
253.24
253.22
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

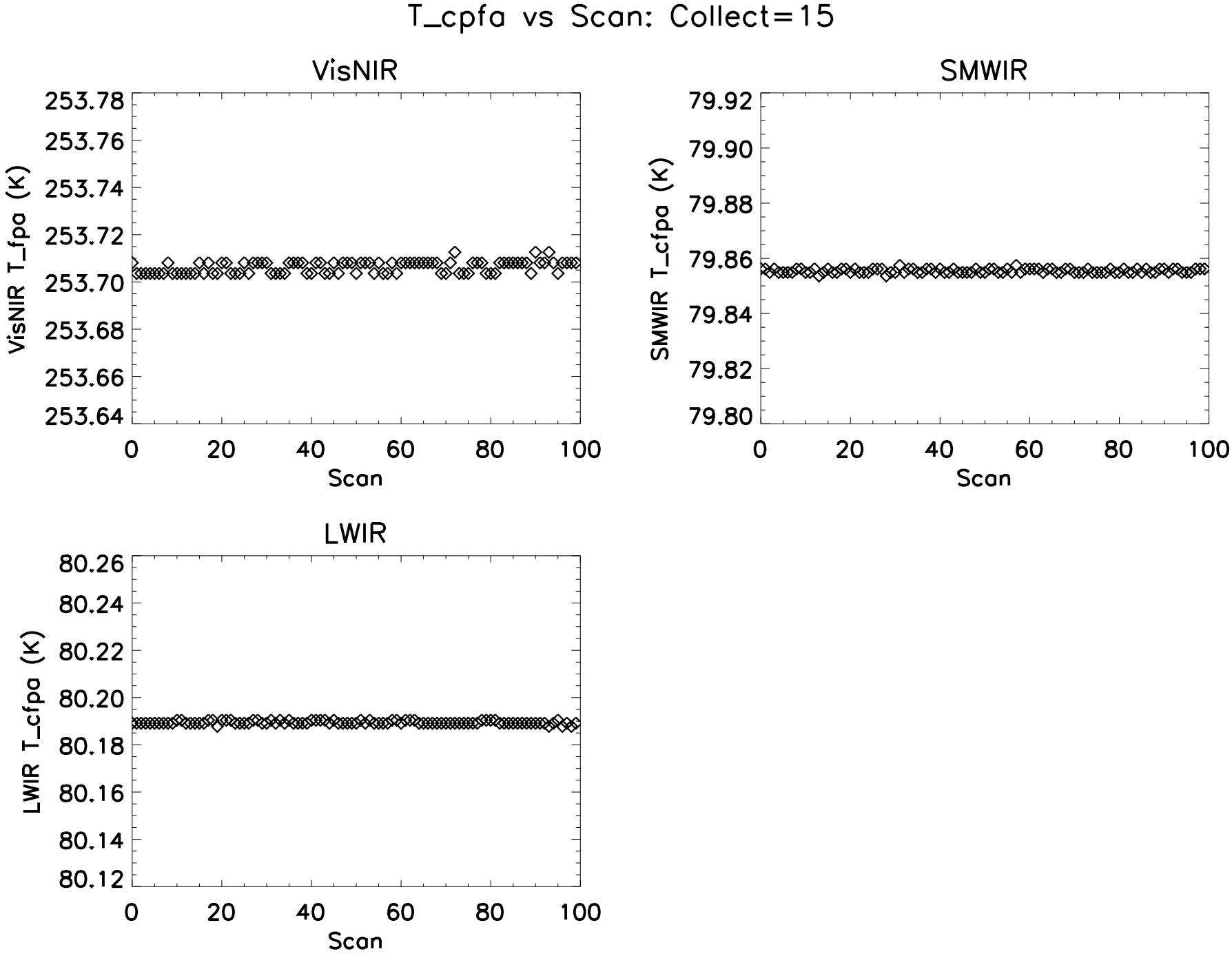

T_cpfa vs Scan: Collect=10
VisNIR
VisNIR T_fpa (K)
253.58
253.56
253.54
253.52
253.50
253.48
253.46
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

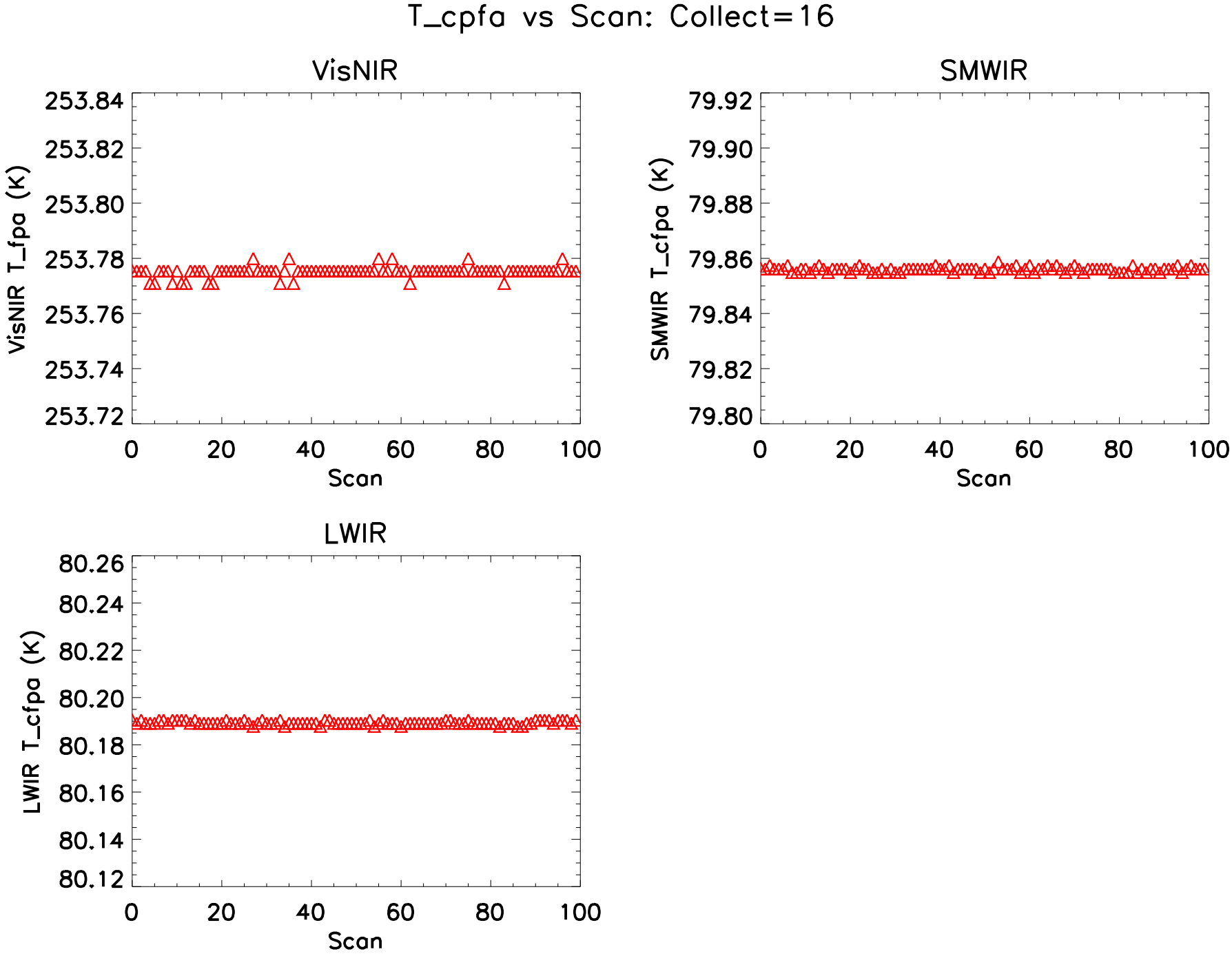

T_cpfa vs Scan: Collect=11
VisNIR
VisNIR T_fpa (K)
253.62
253.60
253.58
253.56
253.54
253.52
253.50
253.48
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

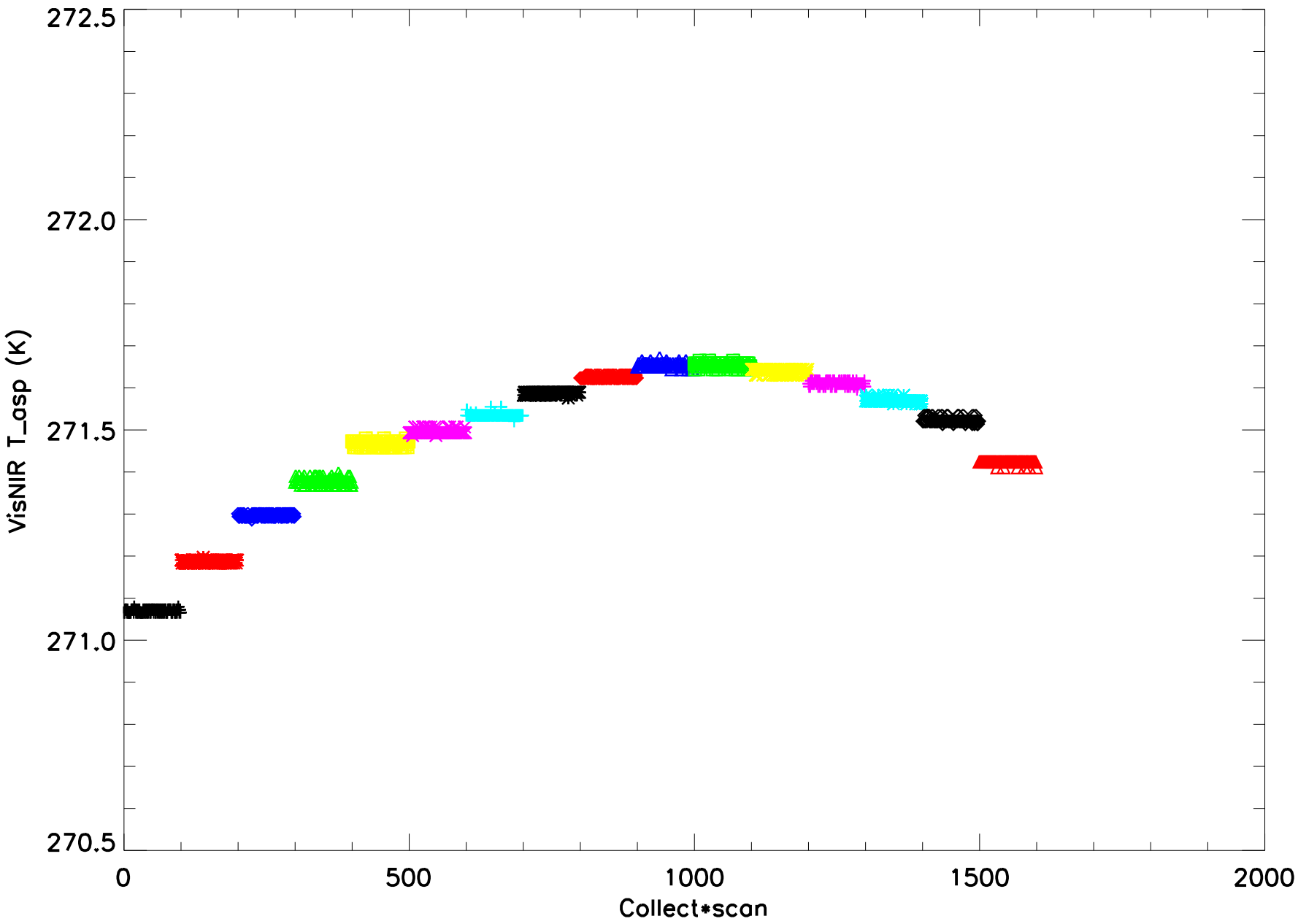

T_cpfa vs Scan: Collect=12
VisNIR
VisNIR T_fpa (K)
253.66
253.64
253.62
253.60
253.58
253.56
253.54
253.52
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

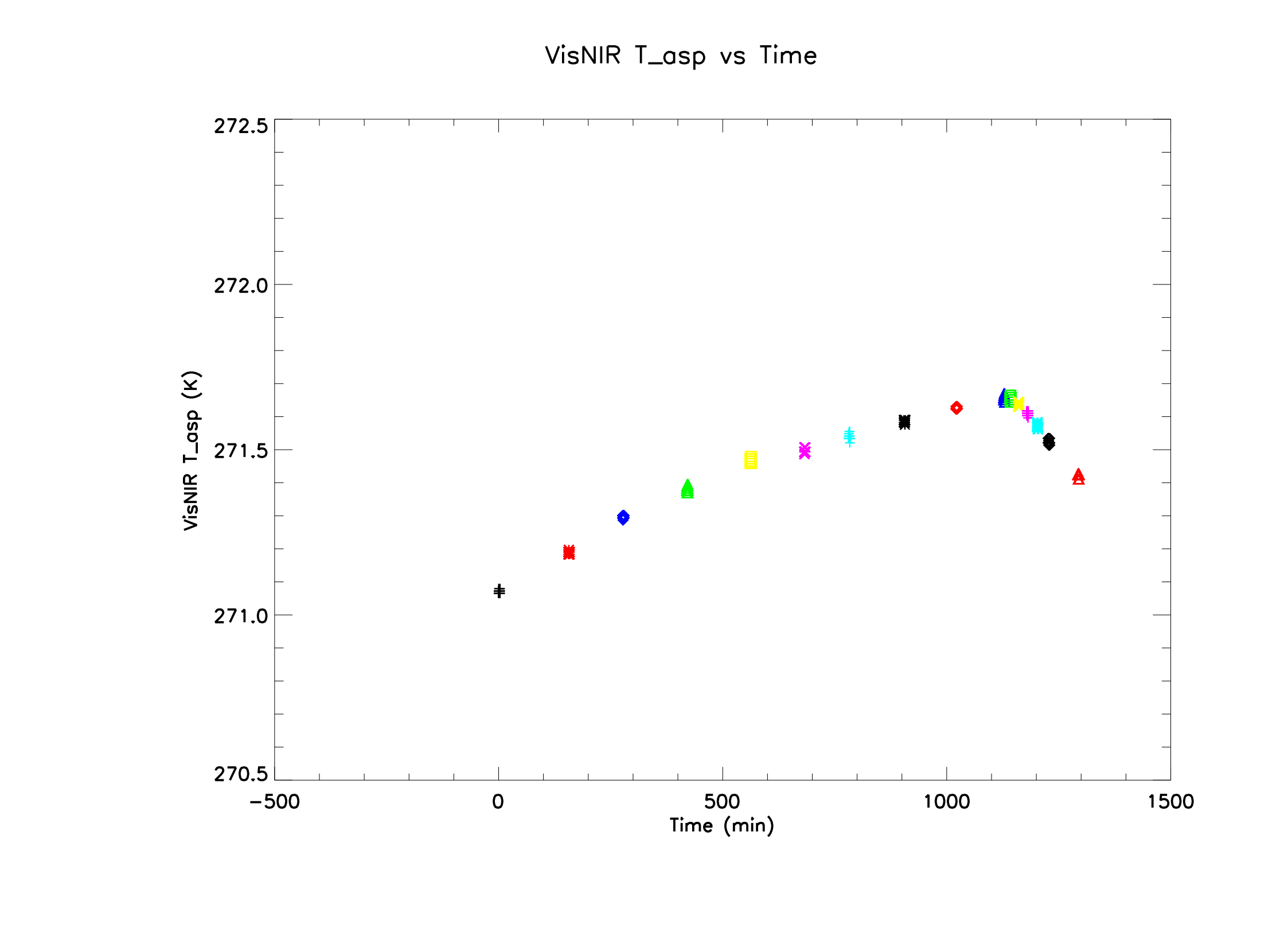

T_cpfa vs Scan: Collect=13
VisNIR
VisNIR T_fpa (K)
253.68
253.66
253.64
253.62
253.60
253.58
253.56
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

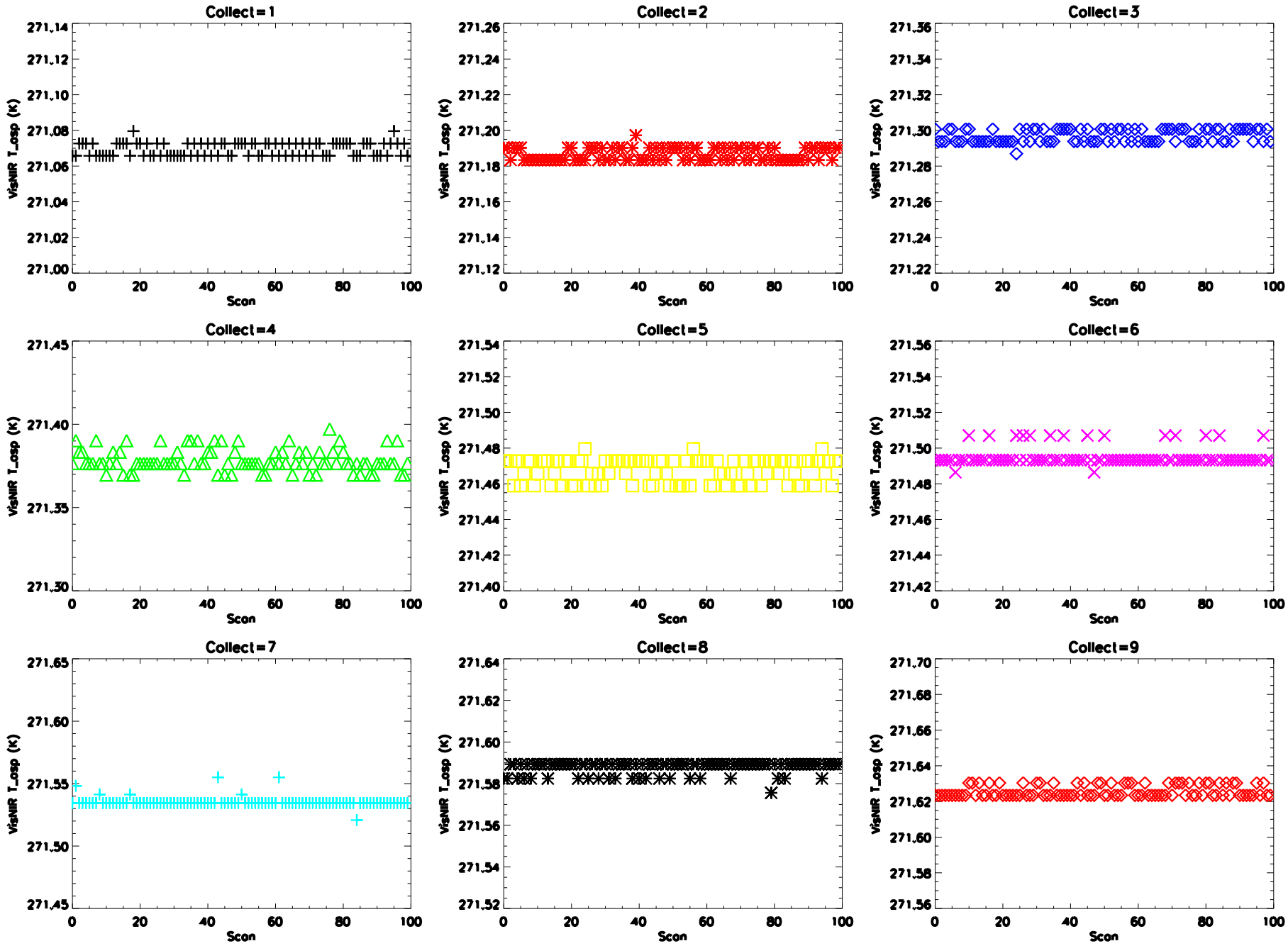

T_cpfa vs Scan: Collect=14
VisNIR
VisNIR T_fpa (K)
253.74
253.72
253.70
253.68
253.66
253.64
253.62
253.60
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan


T_cpfa vs Scan: Collect=15
VisNIR
VisNIR T_fpa (K)
253.78
253.76
253.74
253.72
253.70
253.68
253.66
253.64
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

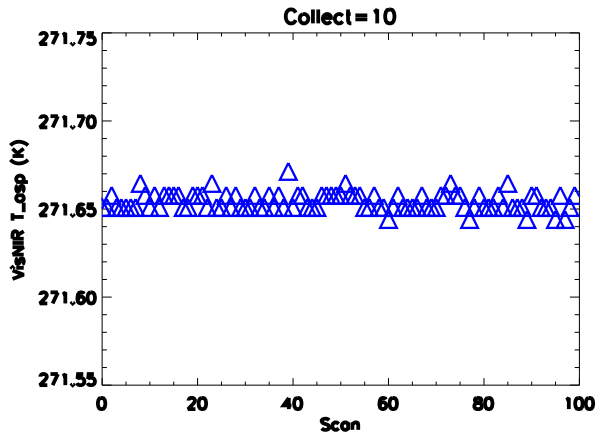

T_cpfa vs Scan: Collect=16
VisNIR
VisNIR T_fpa (K)
253.84
253.82
253.80
253.78
253.76
253.74
253.72
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
80.26
80.24
80.22
80.20
80.18
80.16
80.14
80.12
0
20
40
60
80
100
Scan

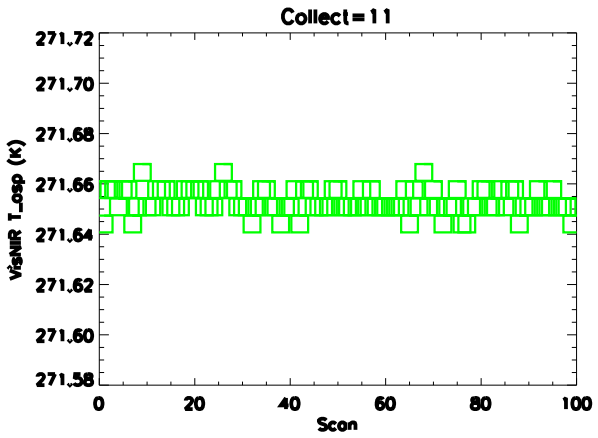

VisNIR T_asp vs Scan and Collect
VisNIR T_asp (K)
272.5
272.0
271.5
271.0
270.5
0
500
1000
1500
2000
Collect*scan

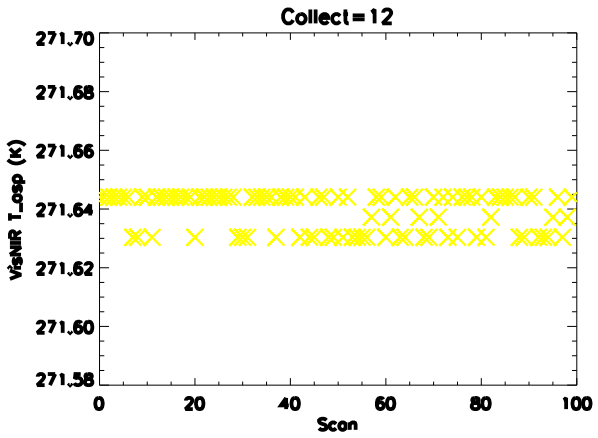

VisNIR T_asp vs Time
272.5
272.0
271.5
271.0
270.5
VisNIR T_asp (K)
−500
0
500
1000
1500
Time (min)

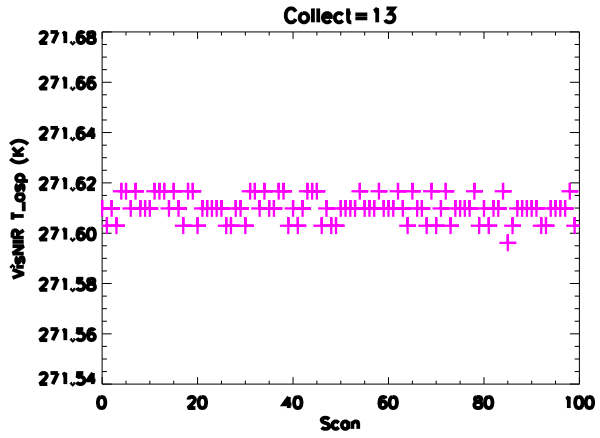

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_osp (K)
Scan

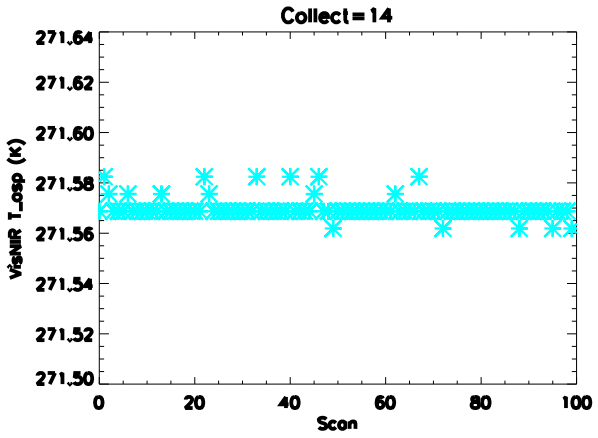
VisNIR T_asp vs Scan

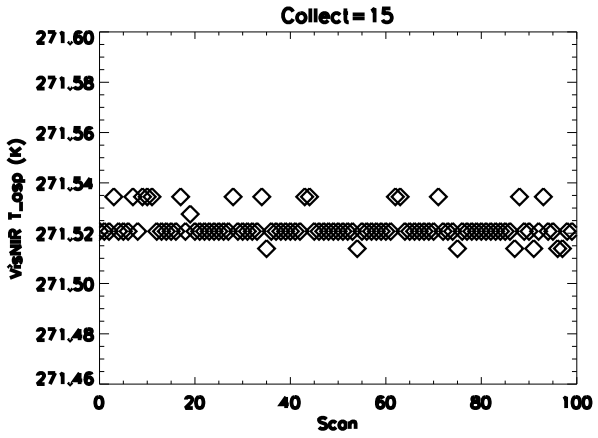


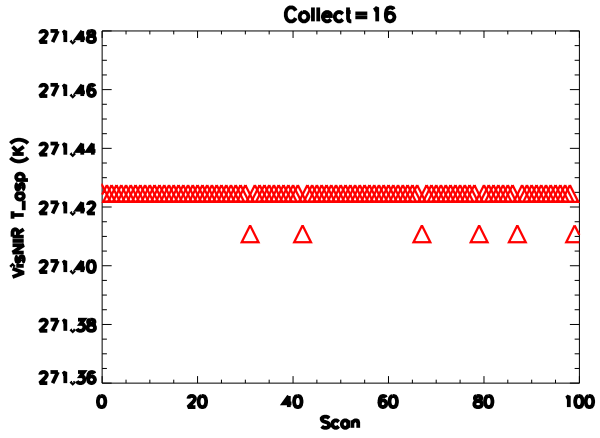


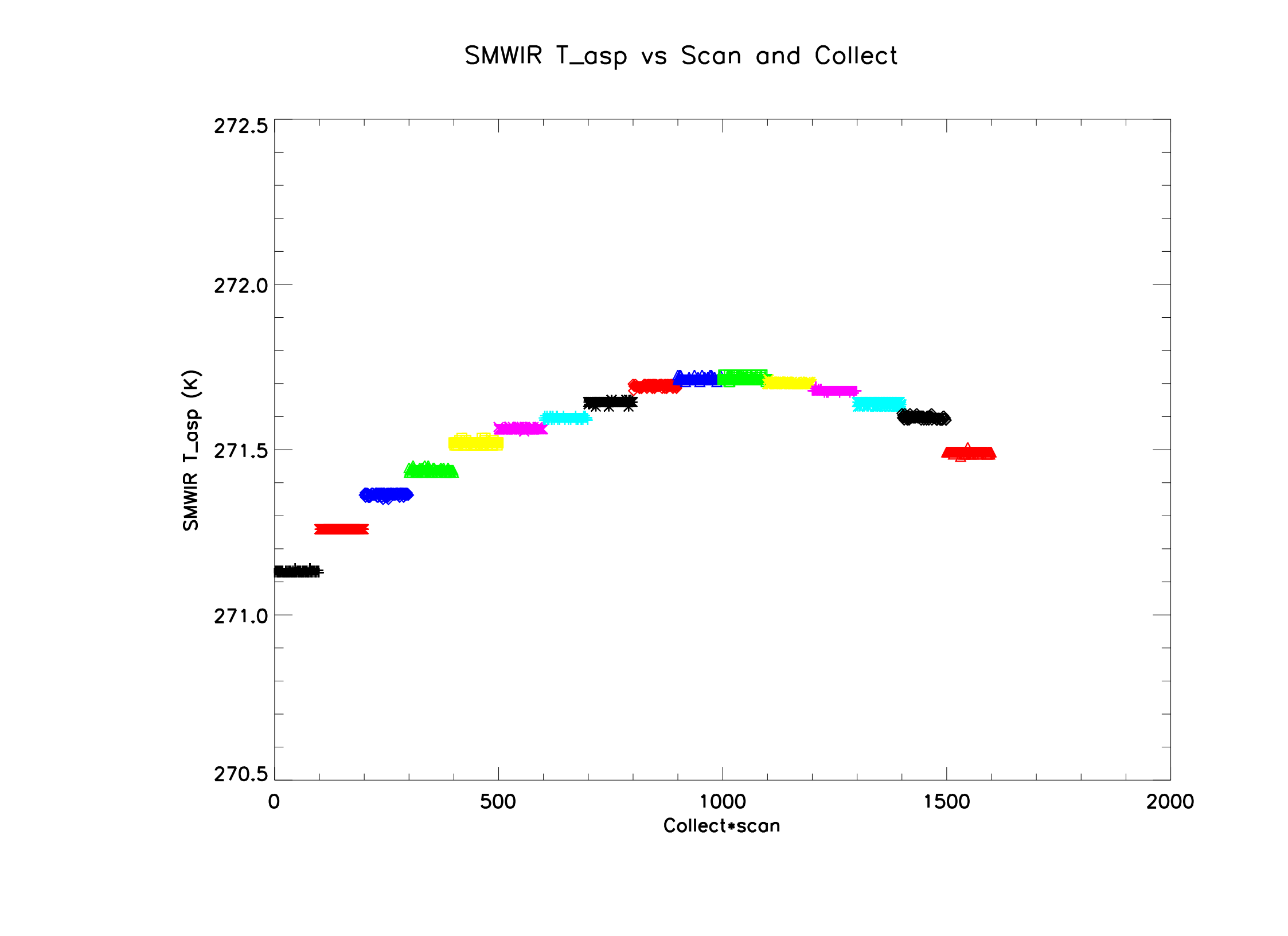


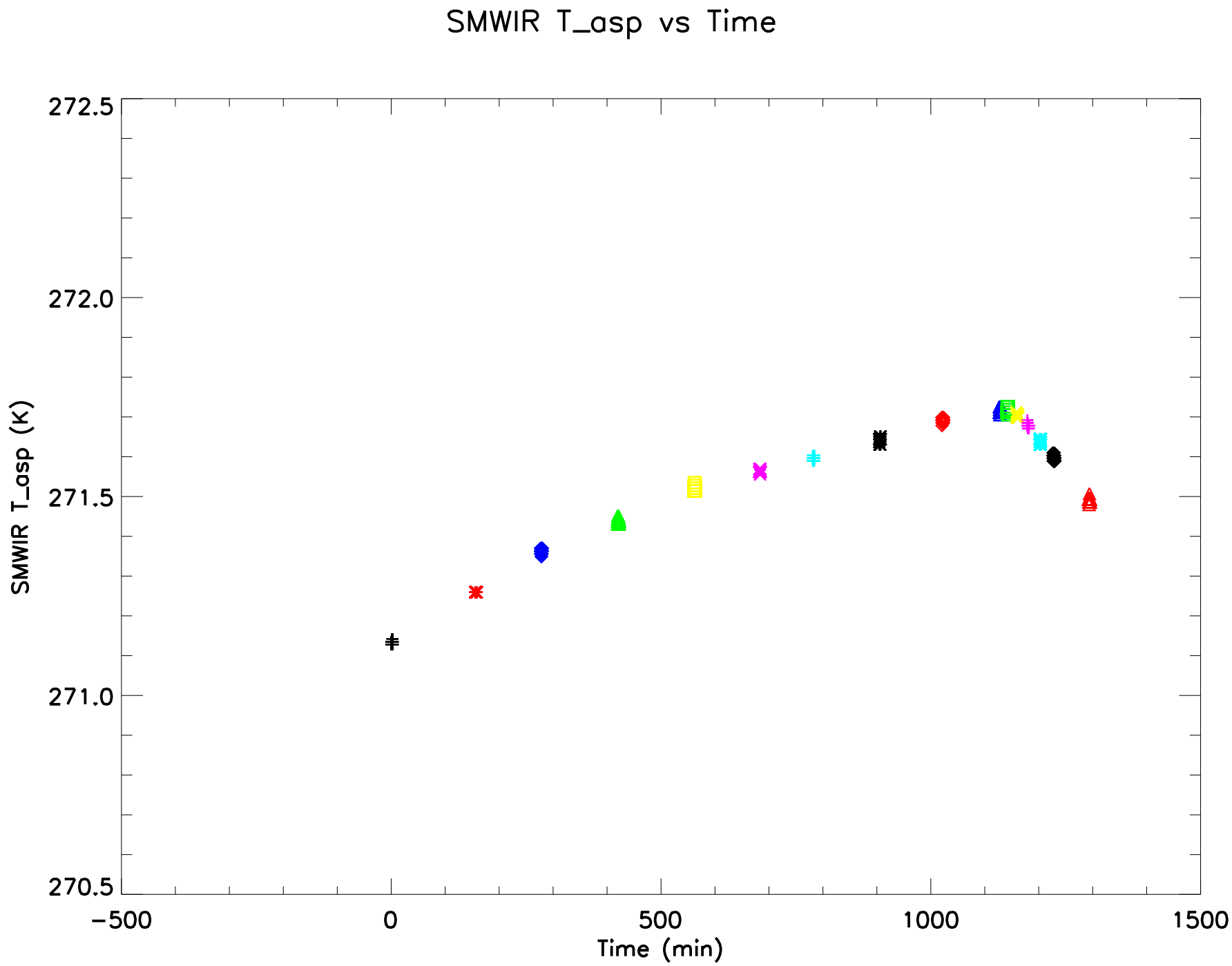


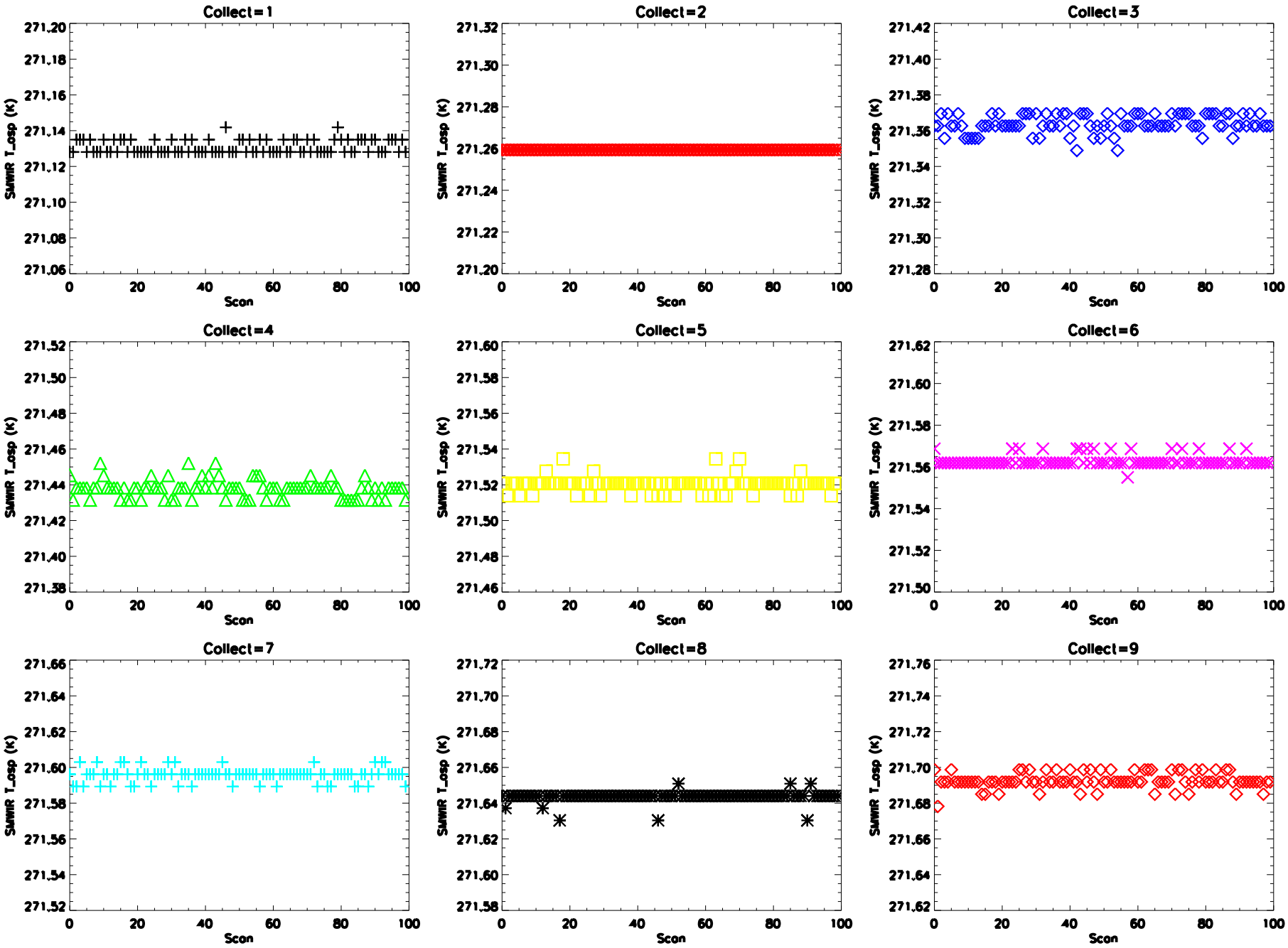




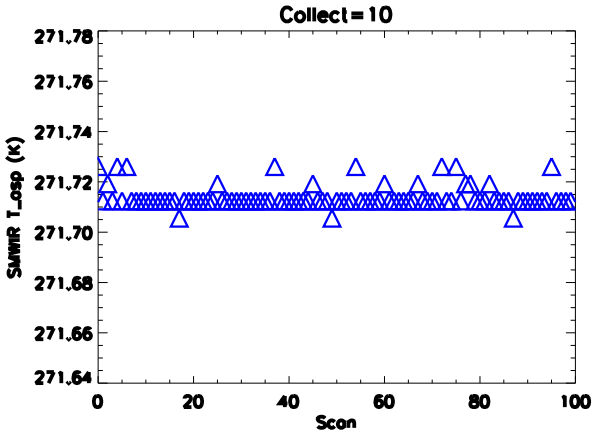


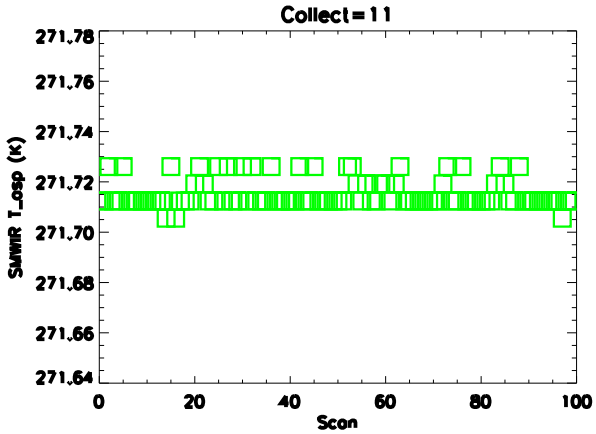

SMWIR T_asp vs Scan and Collect
272.5
272.0
271.5
271.0
270.5
SMWIR T_asp (K)
0
500
1000
1500
2000
Collect*scan

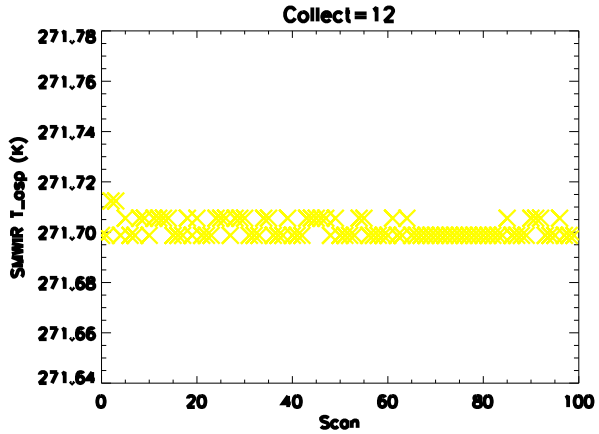

SMWIR T_asp vs Time
272.5
272.0
271.5
271.0
270.5
SMWIR T_asp (K)
−500
0
500
1000
1500
Time (min)

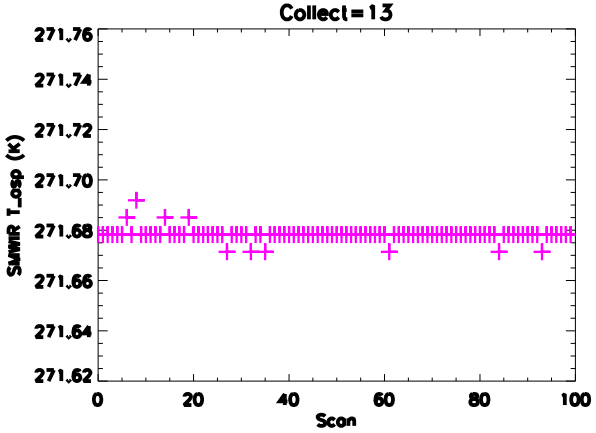

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SWWR T_osp (K)
Scan

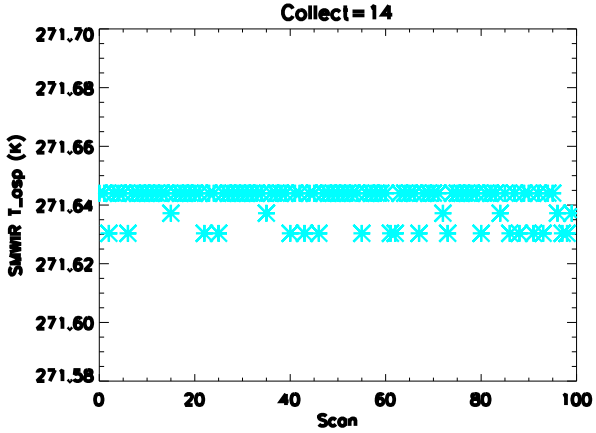
SMWIR T_asp vs Scan

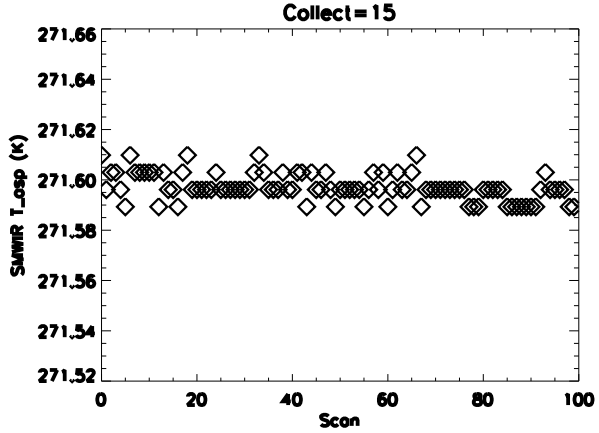


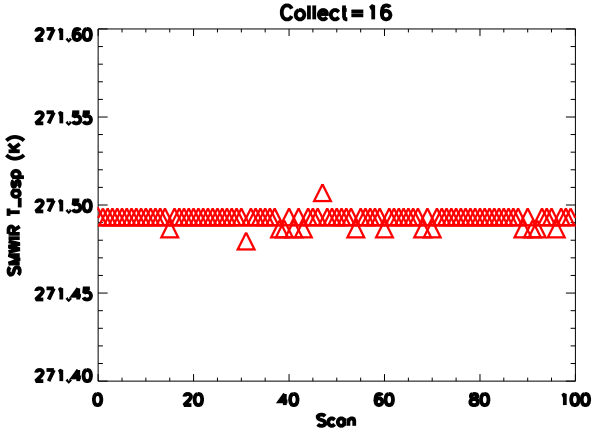


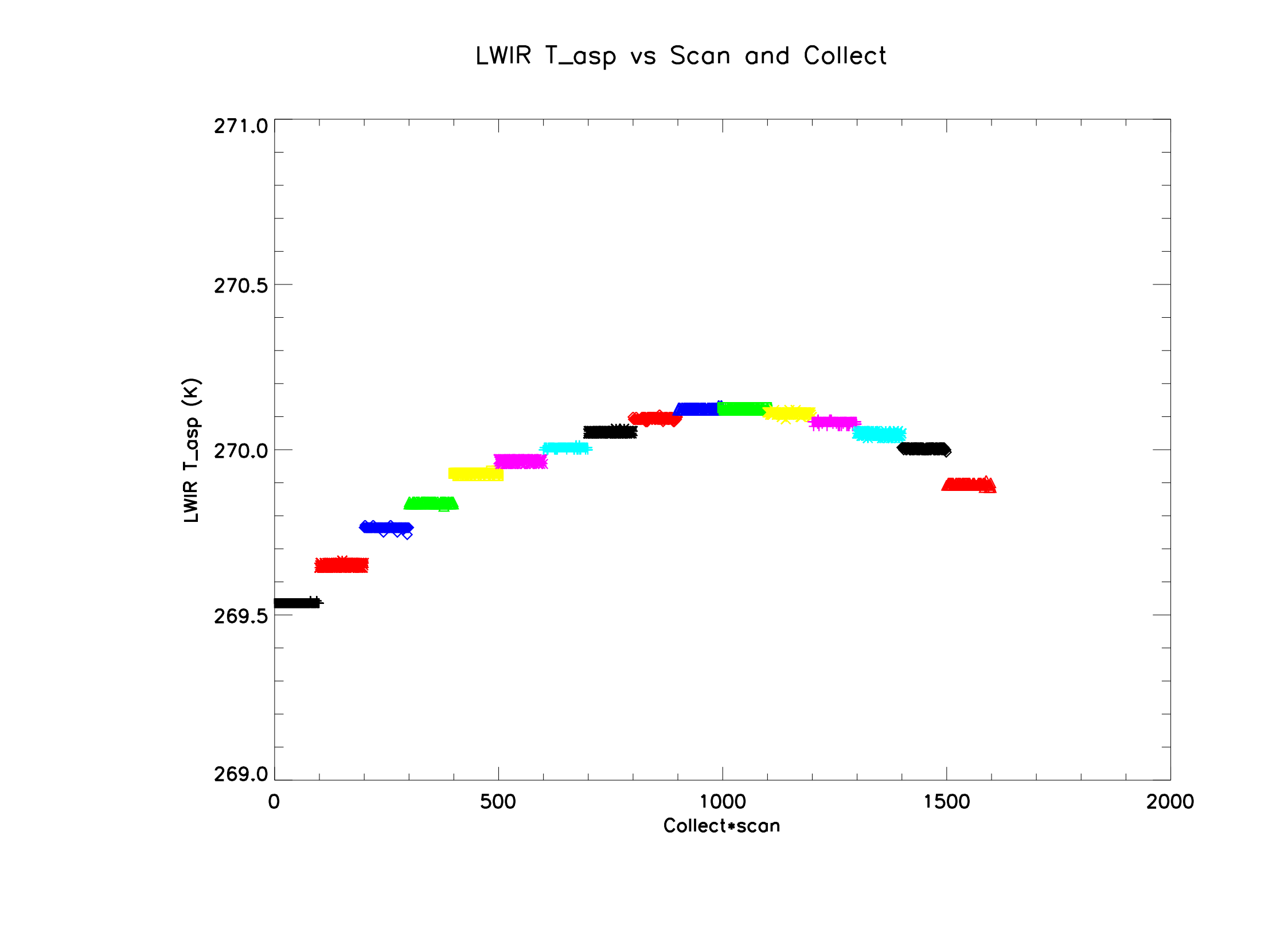


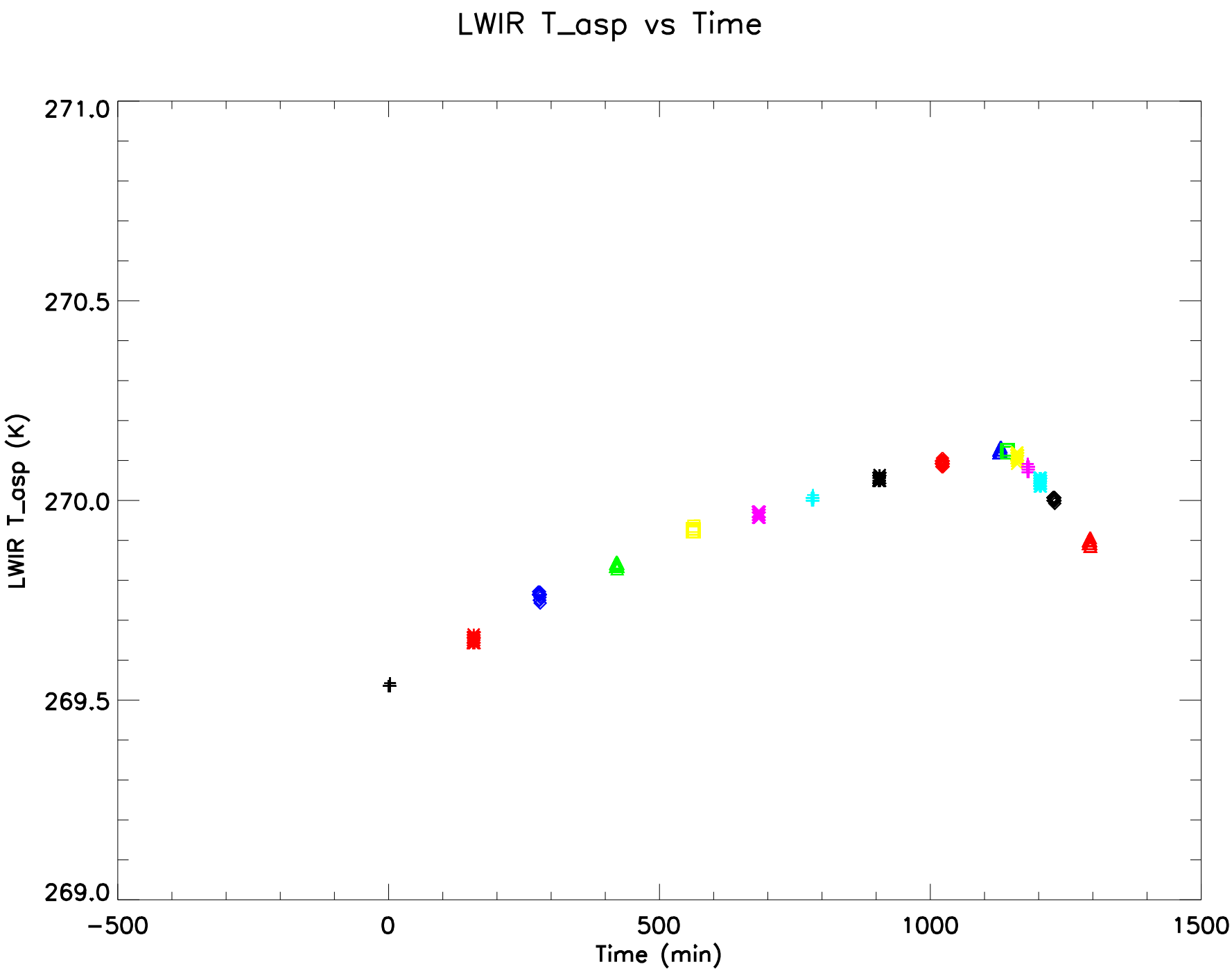


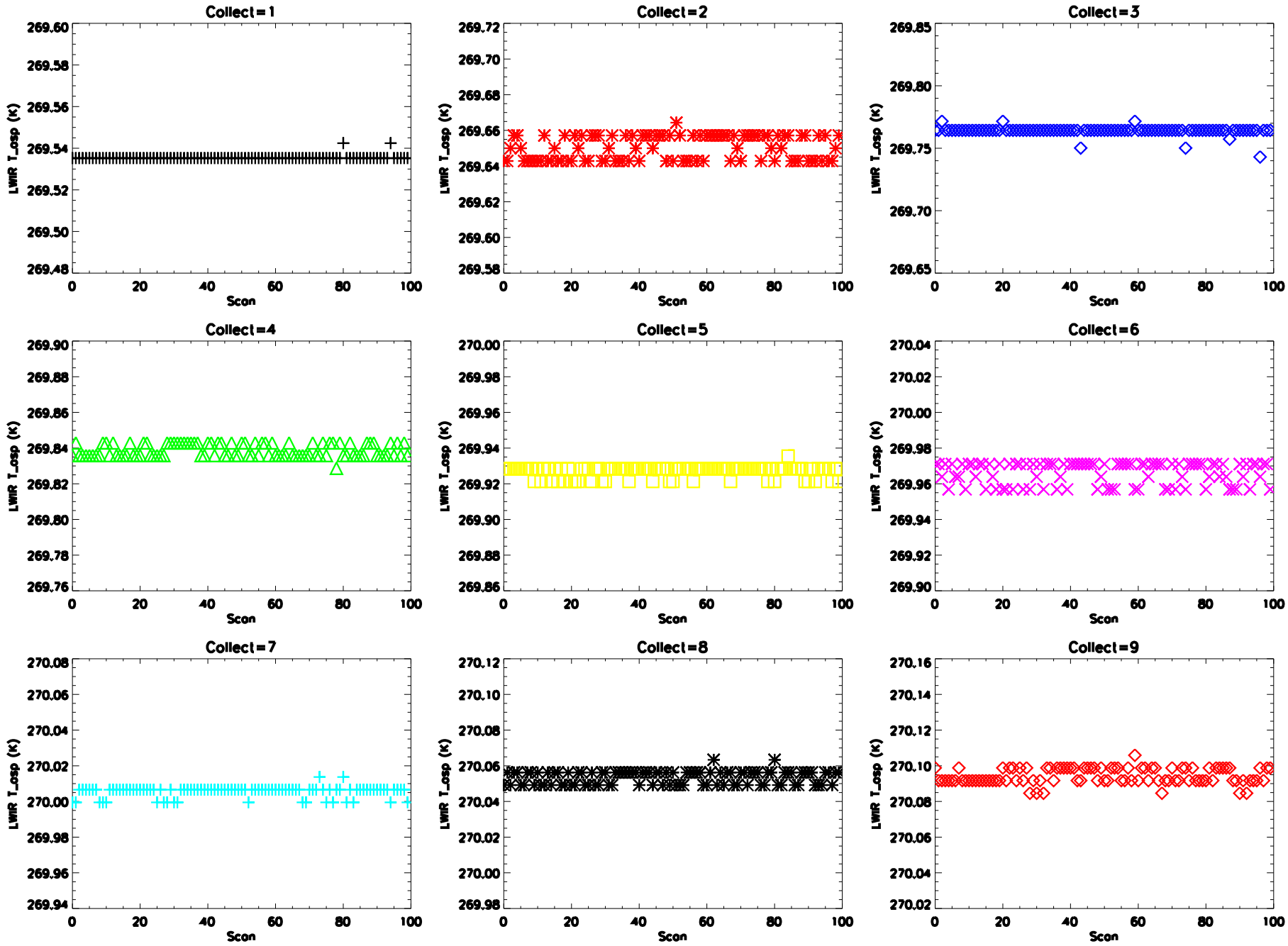




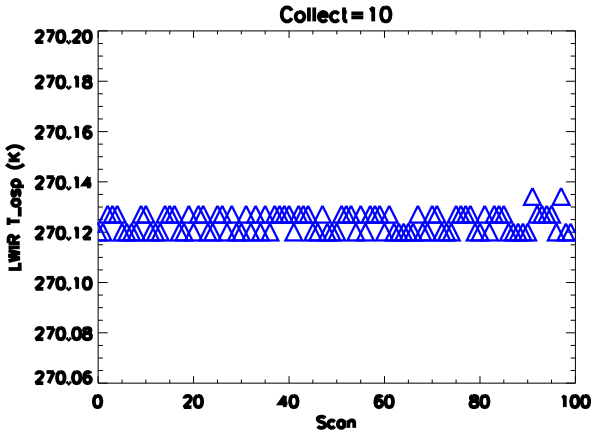


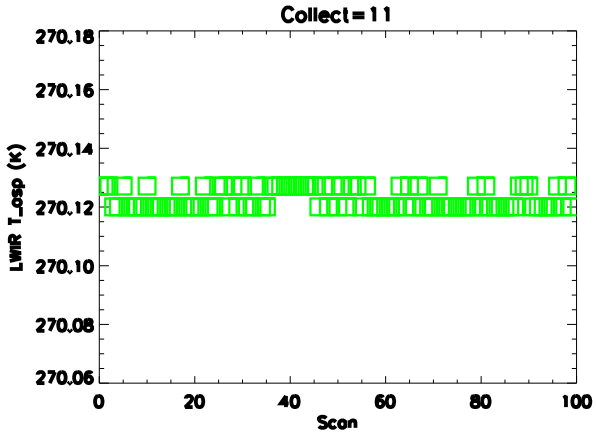

LWIR T_asp vs Scan and Collect
271.0
270.5
270.0
269.5
269.0
LWIR T_asp (K)
0
500
1000
1500
2000
Collect*scan

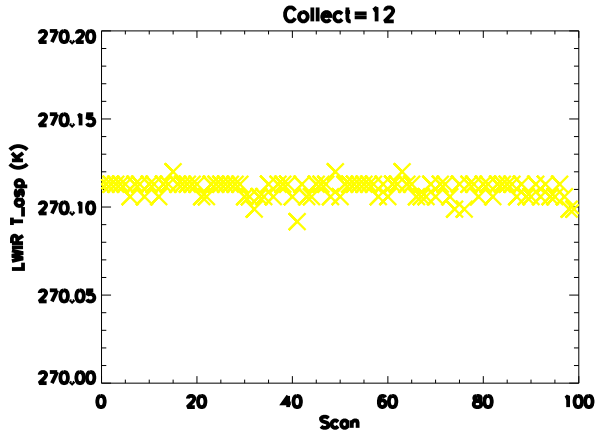

LWIR T_asp vs Time
271.0
270.5
270.0
269.5
269.0
LWIR T_asp (K)
−500
0
500
1000
1500
Time (min)

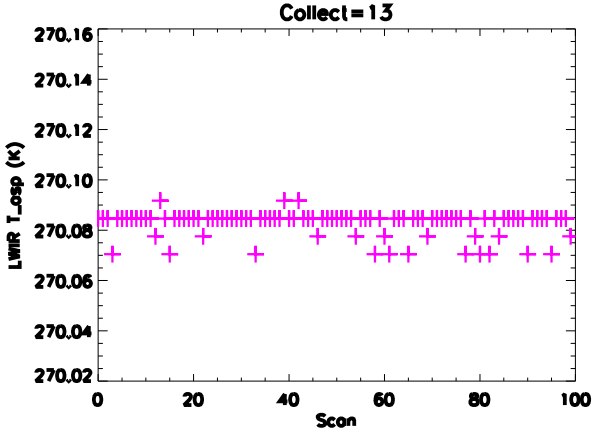

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_osp (K)
Scan

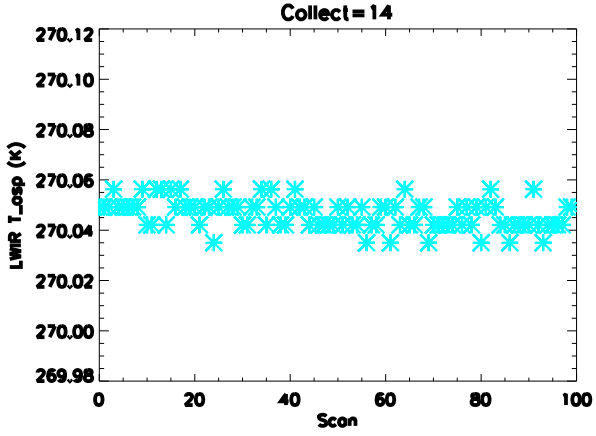
LWIR T_asp vs Scan

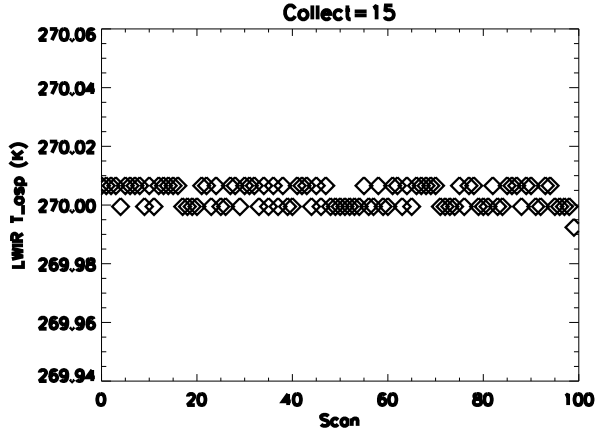


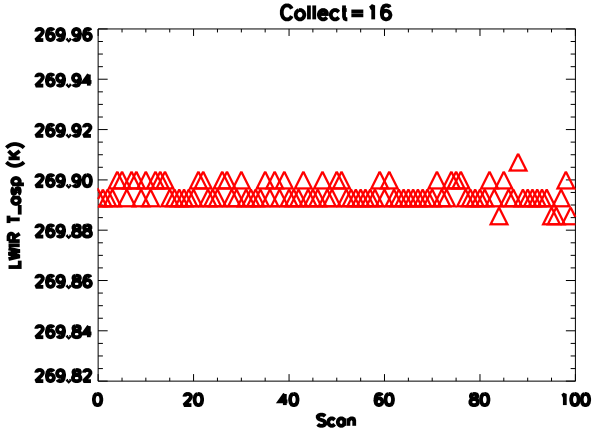


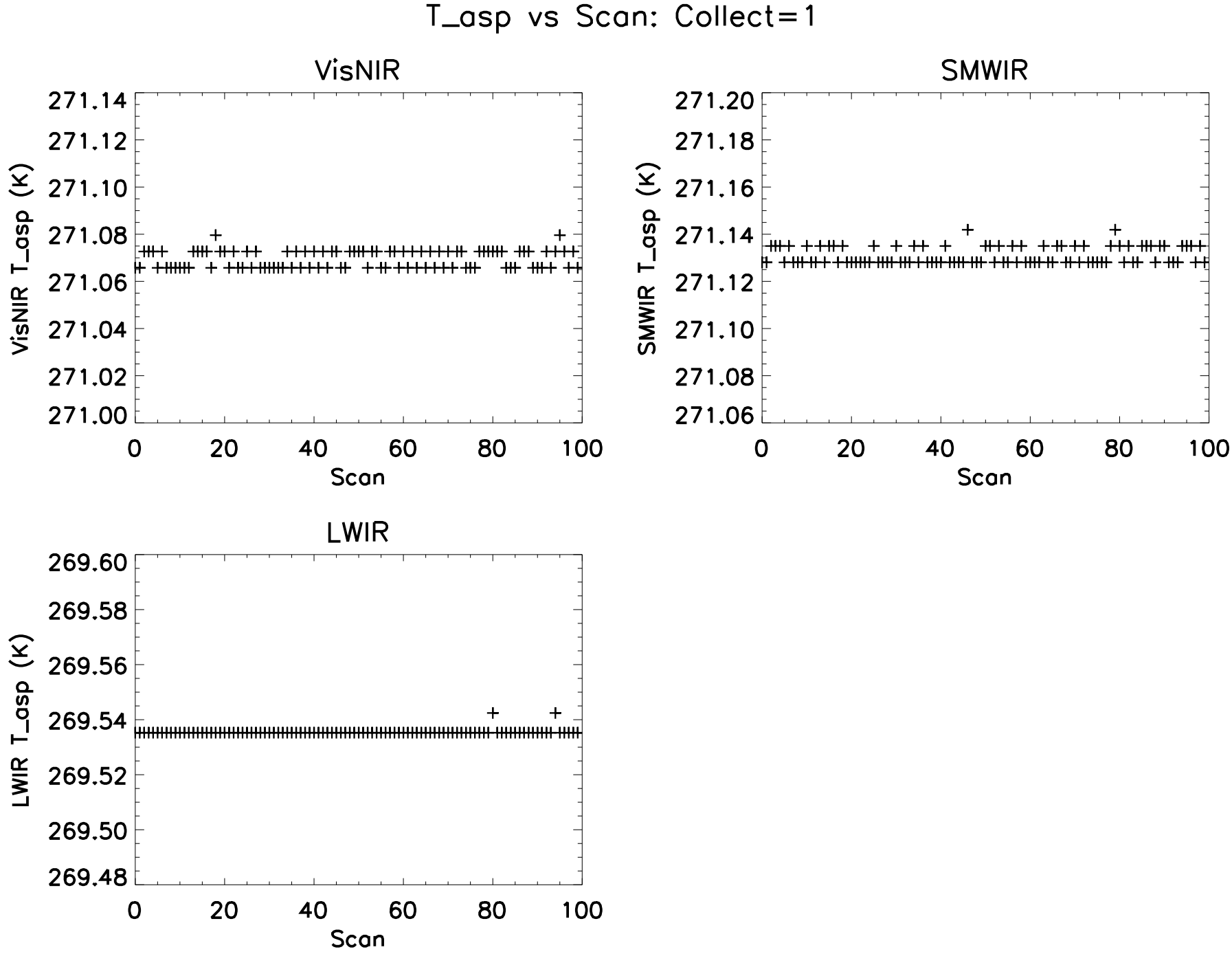


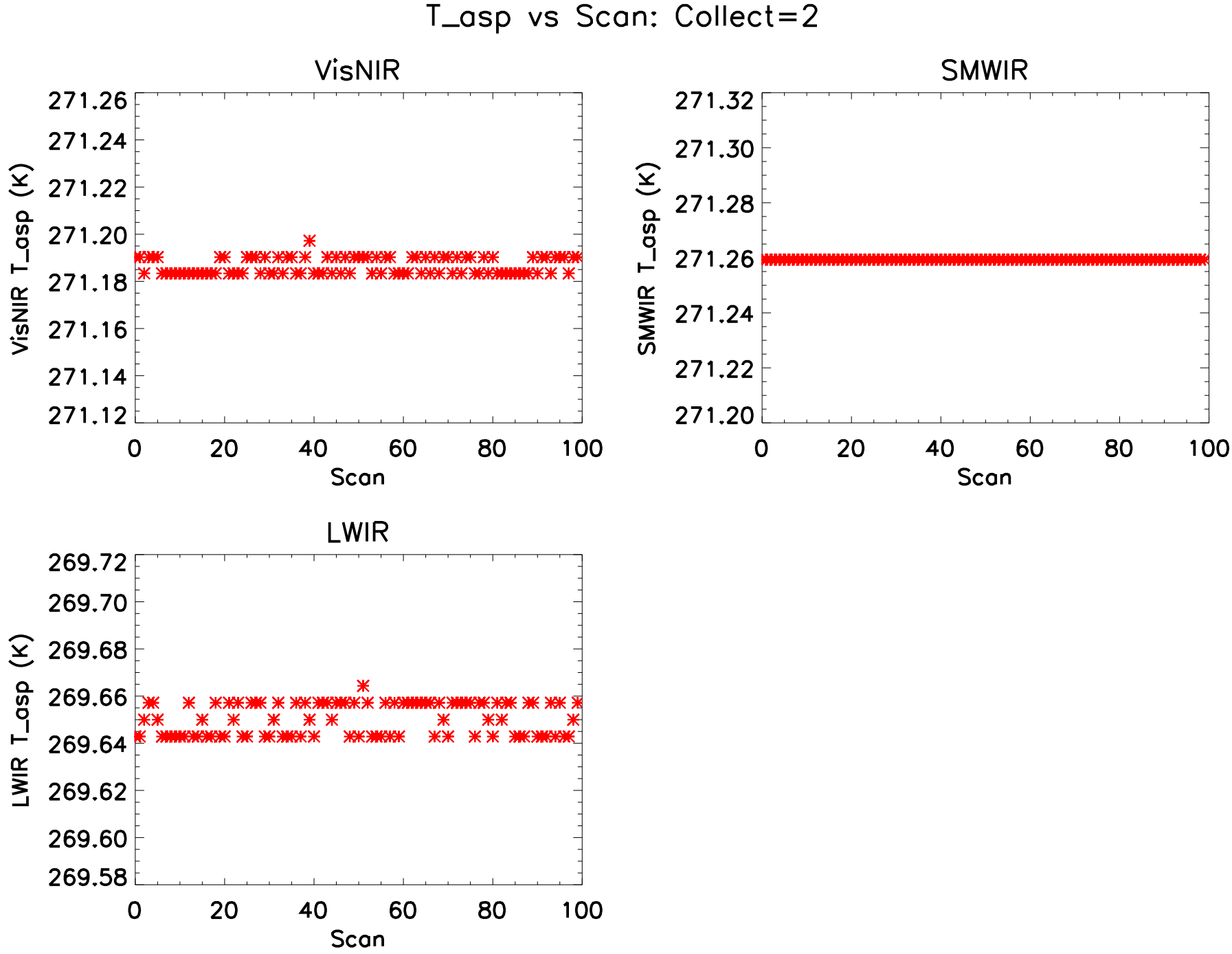


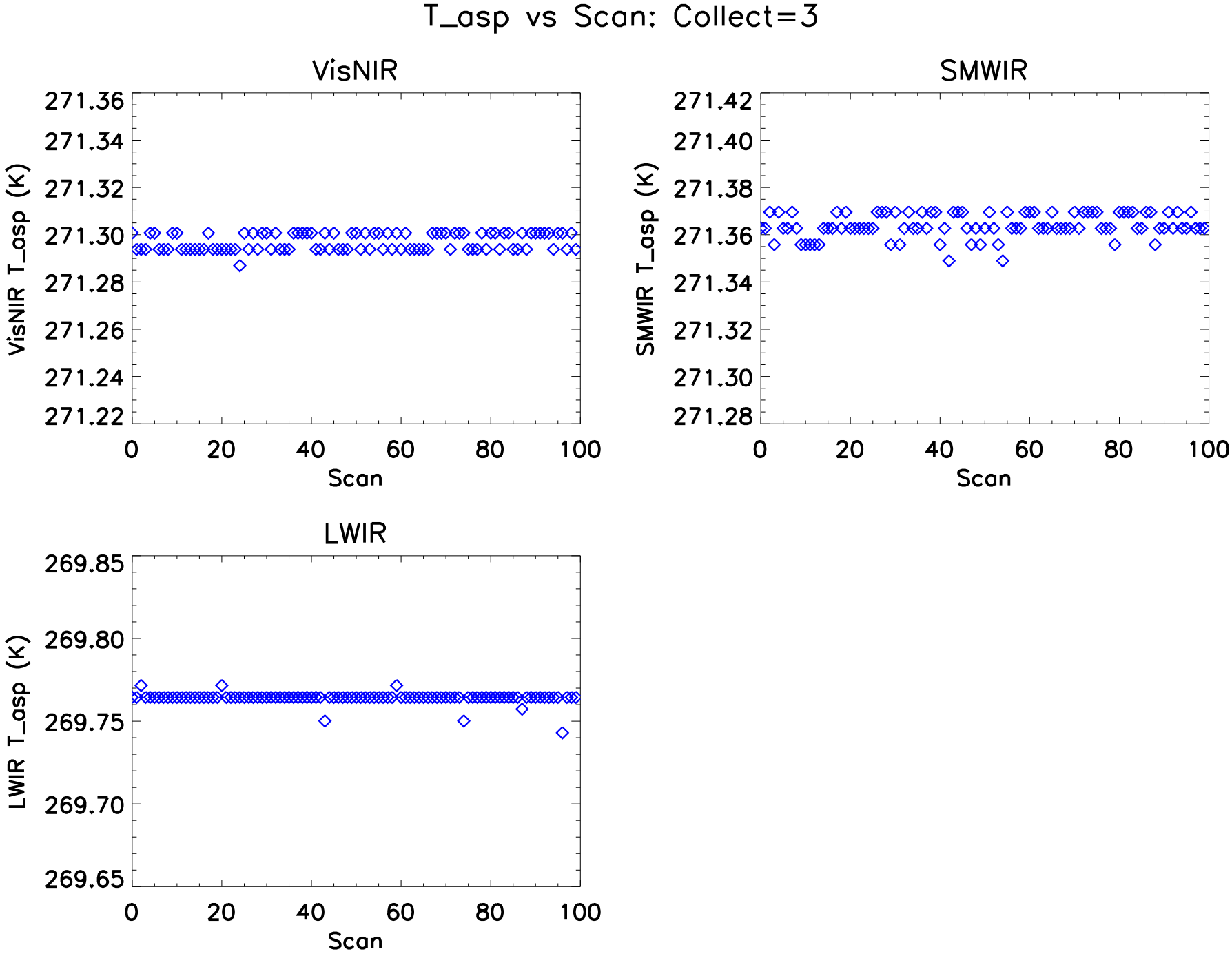


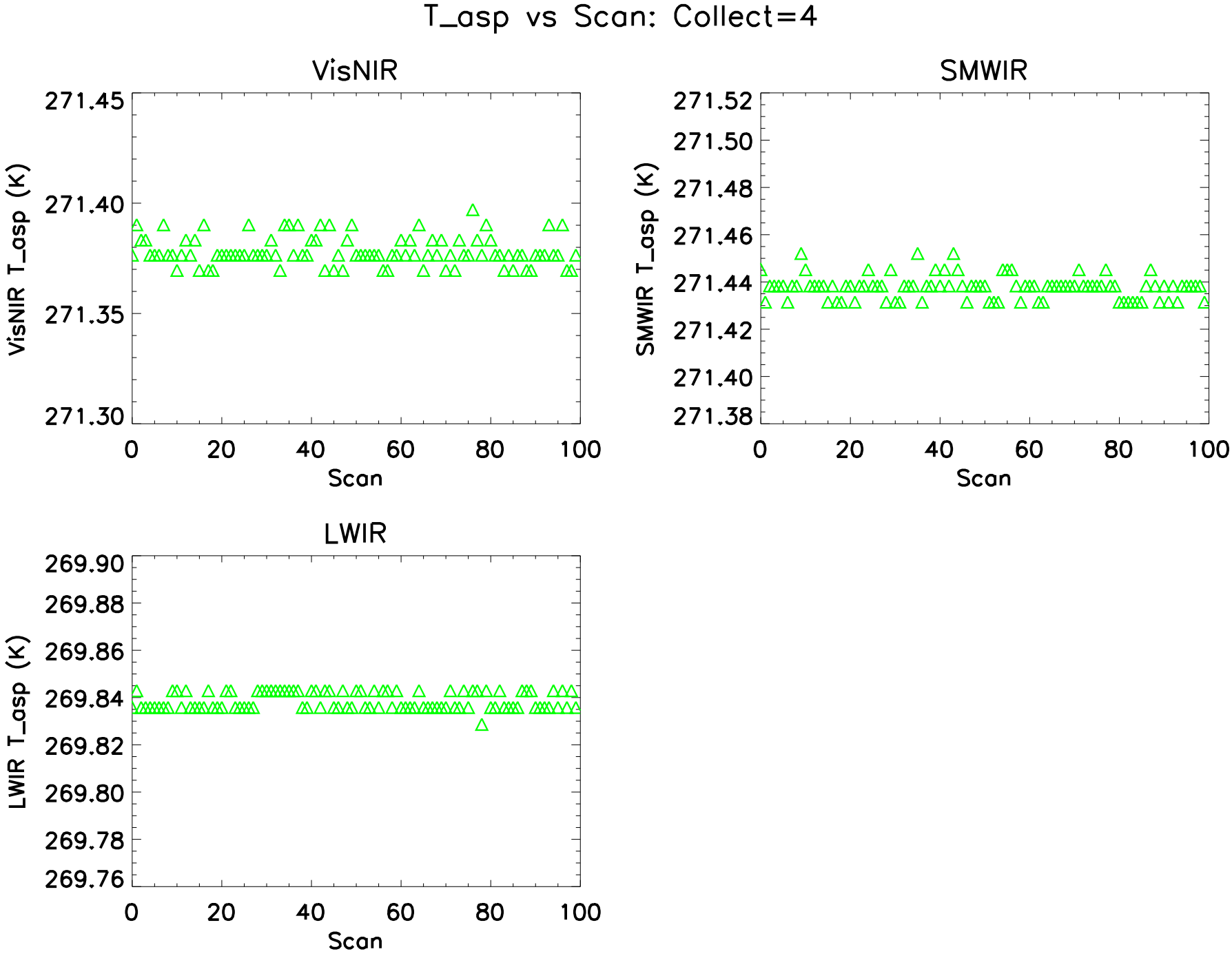


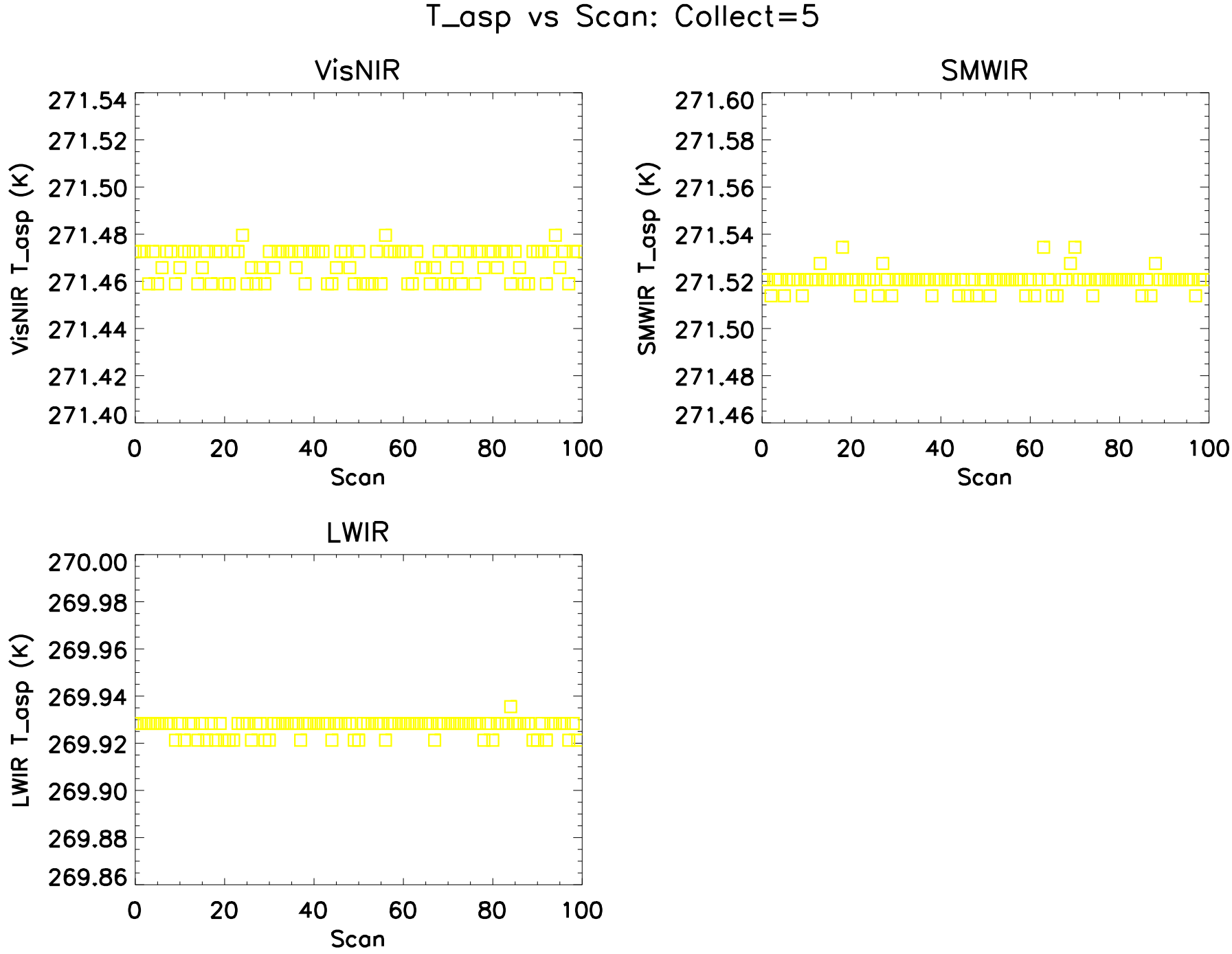


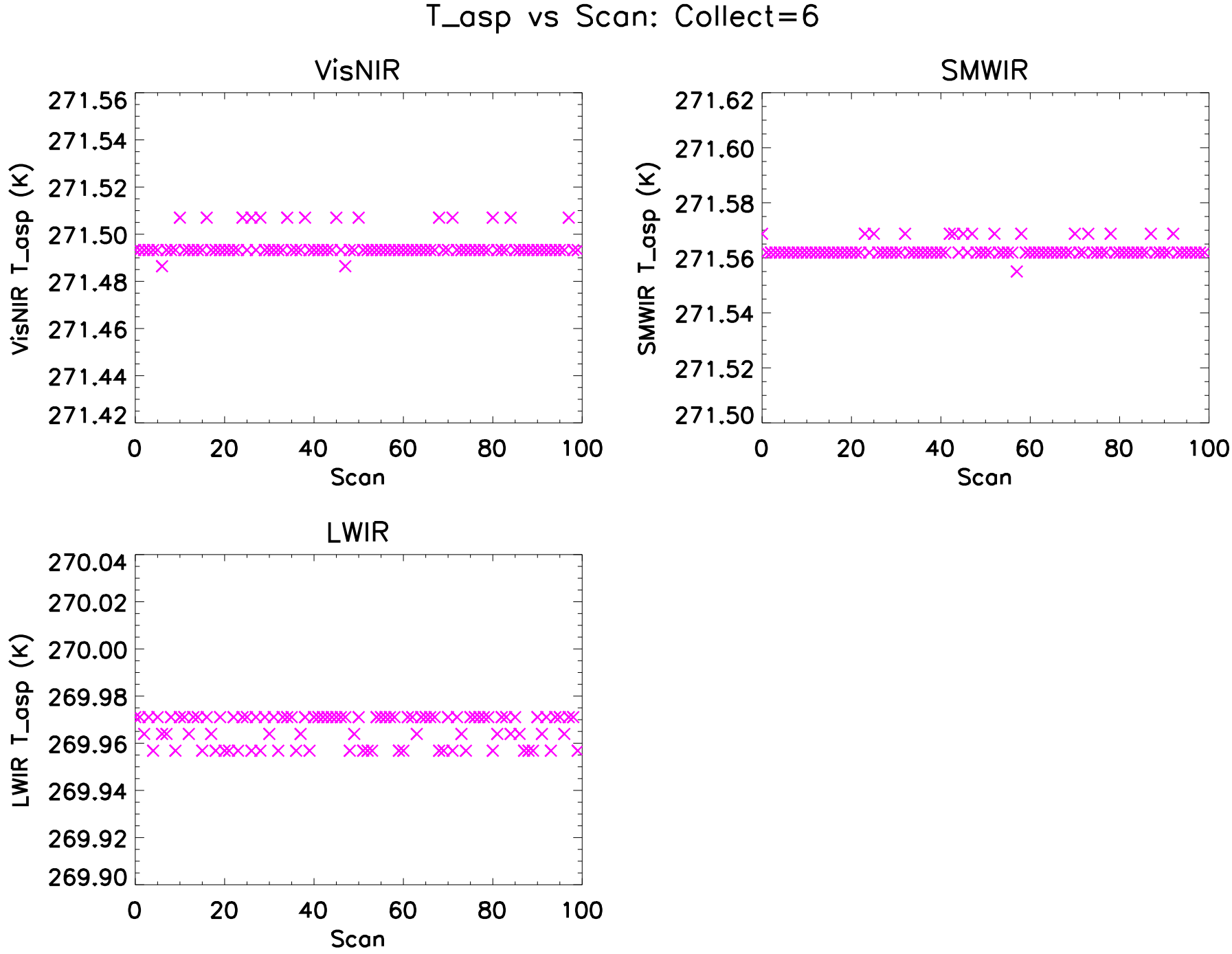

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
271.14
271.12
271.10
271.08
271.06
271.04
271.02
271.00
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.20
271.18
271.16
271.14
271.12
271.10
271.08
271.06
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
269.60
269.58
269.56
269.54
269.52
269.50
269.48
0
20
40
60
80
100
Scan

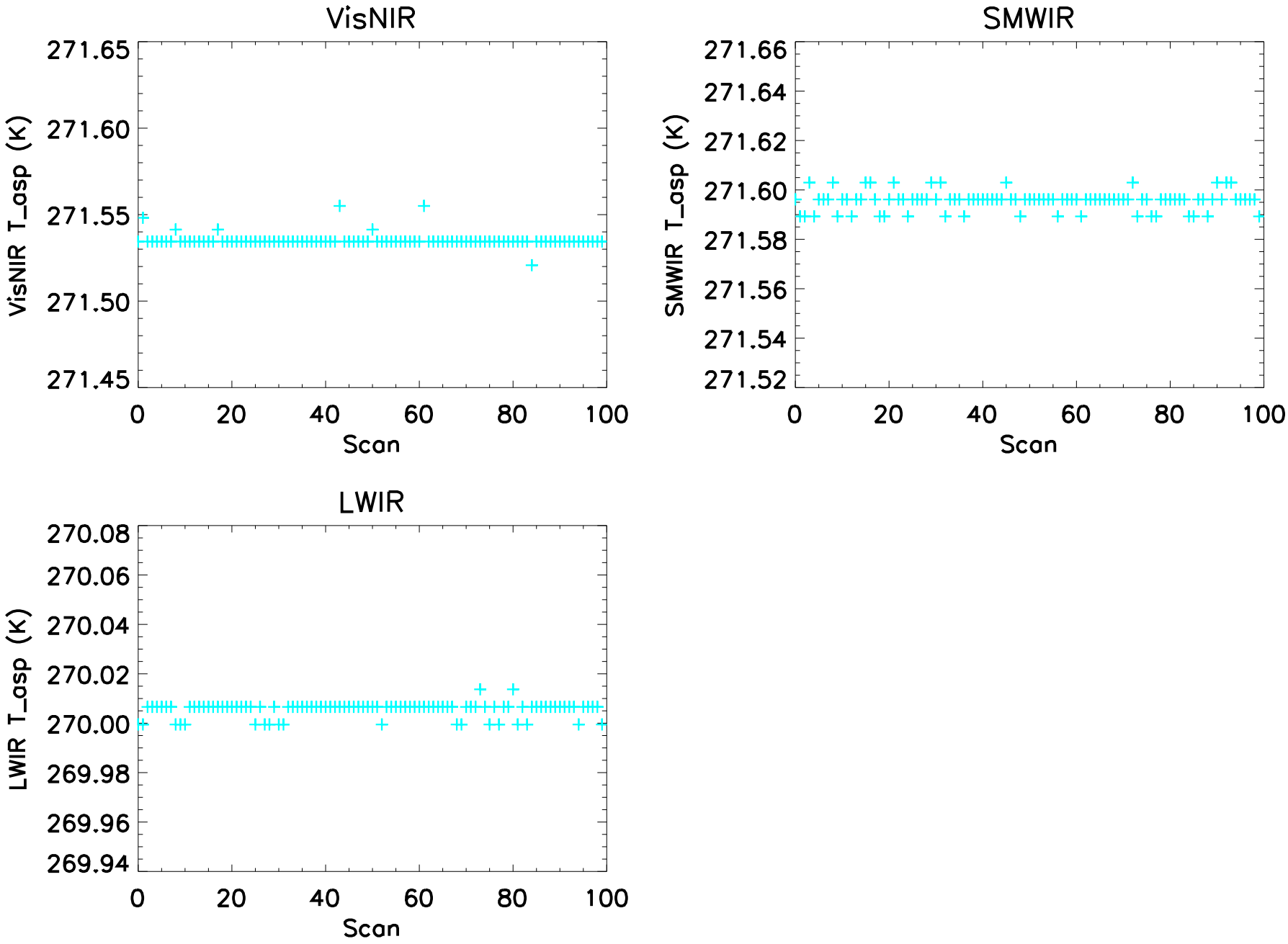

T_asp vs Scan: Collect=2
VisNIR
271.26
271.24
271.22
271.20
271.18
271.16
271.14
271.12
VisNIR T_asp (K)
0
20
40
60
80
100
Scan
SMWIR
271.32
271.30
271.28
271.26
271.24
271.22
271.20
SMWIR T_asp (K)
0
20
40
60
80
100
Scan
LWIR
269.72
269.70
269.68
269.66
269.64
269.62
269.60
269.58
LWIR T_asp (K)
0
20
40
60
80
100
Scan

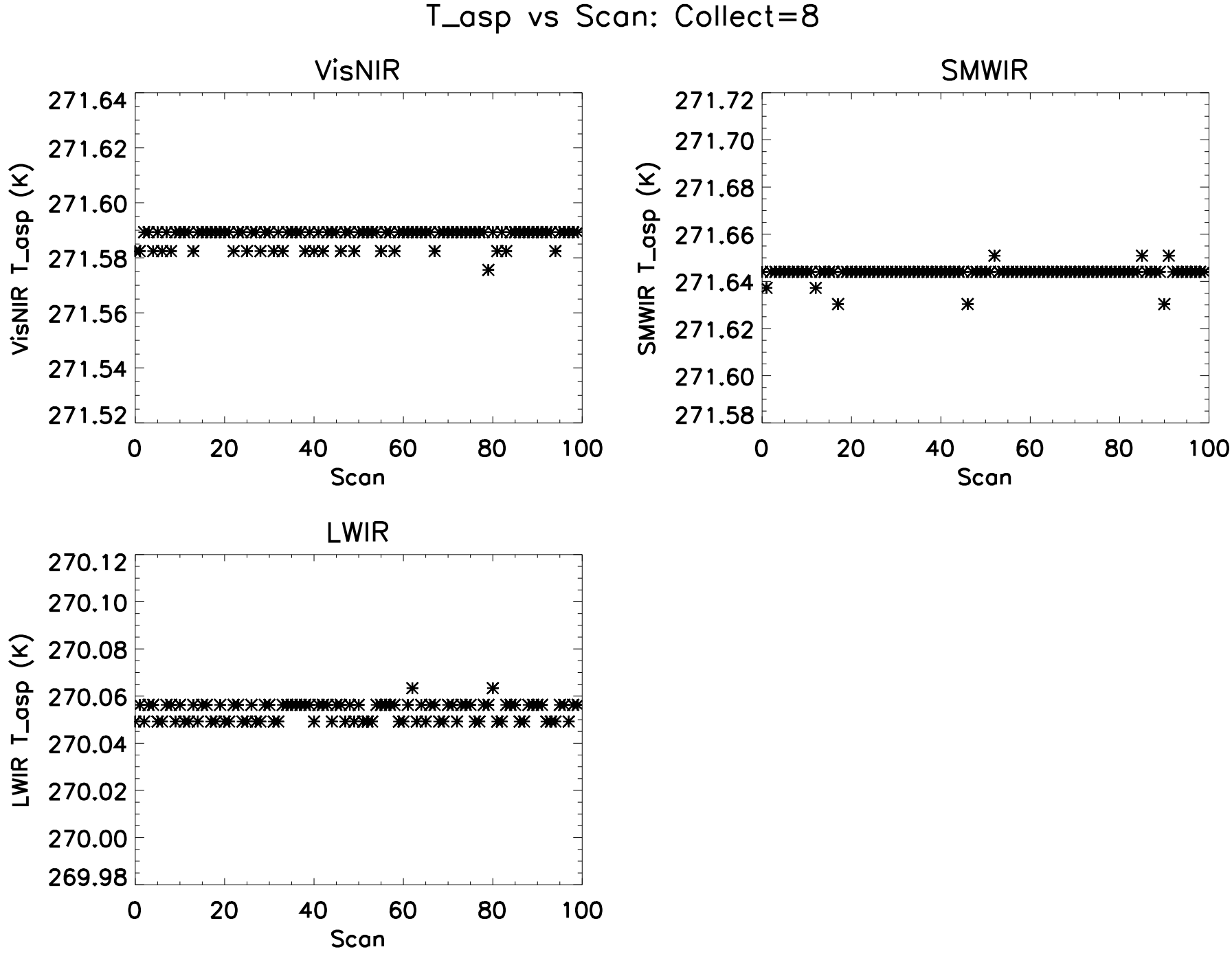

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
271.36
271.34
271.32
271.30
271.28
271.26
271.24
271.22
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.42
271.40
271.38
271.36
271.34
271.32
271.30
271.28
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
269.85
269.80
269.75
269.70
269.65
0
20
40
60
80
100
Scan

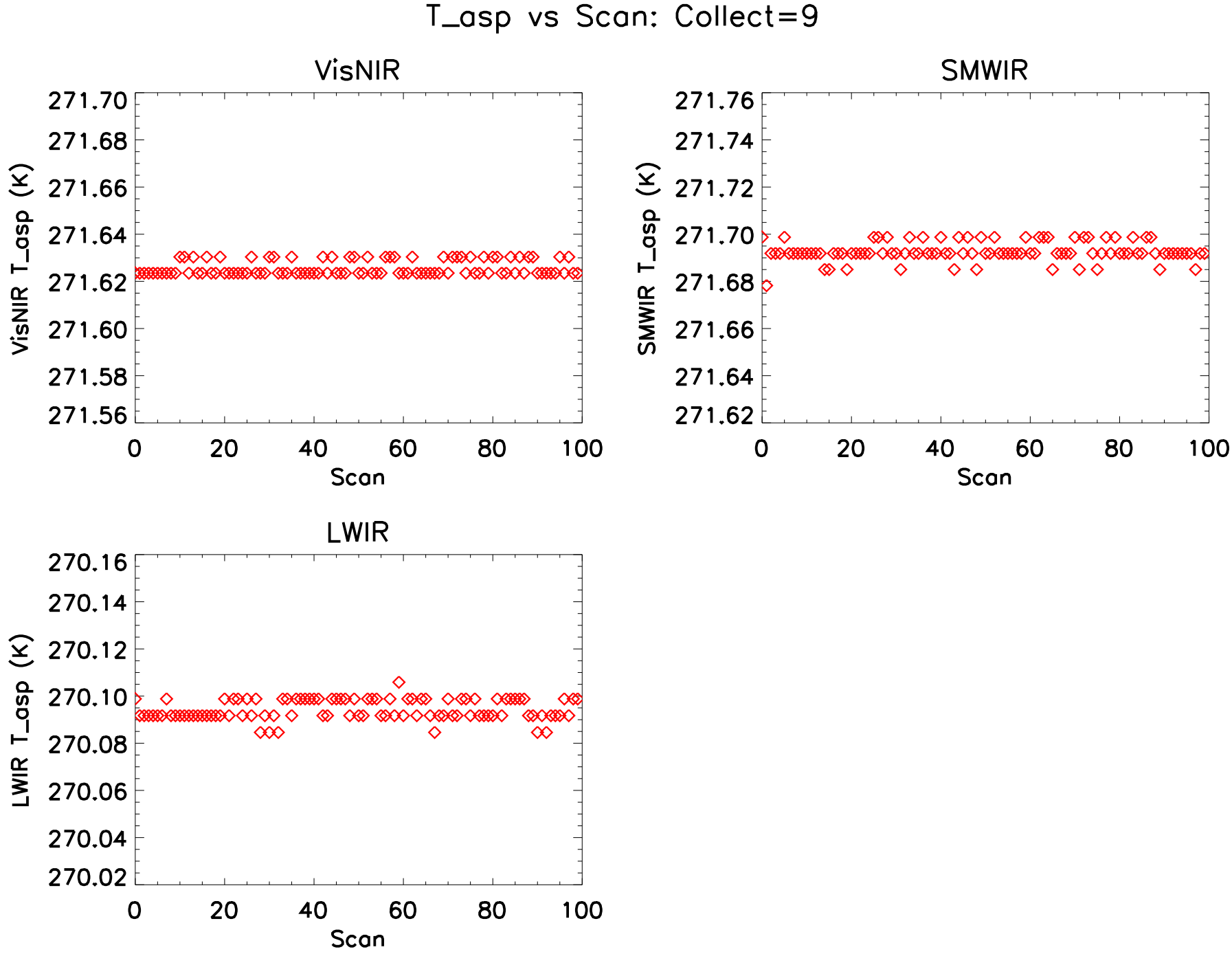

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
271.45
271.40
271.35
271.30
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.52
271.50
271.48
271.46
271.44
271.42
271.40
271.38
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
269.90
269.88
269.86
269.84
269.82
269.80
269.78
269.76
0
20
40
60
80
100
Scan

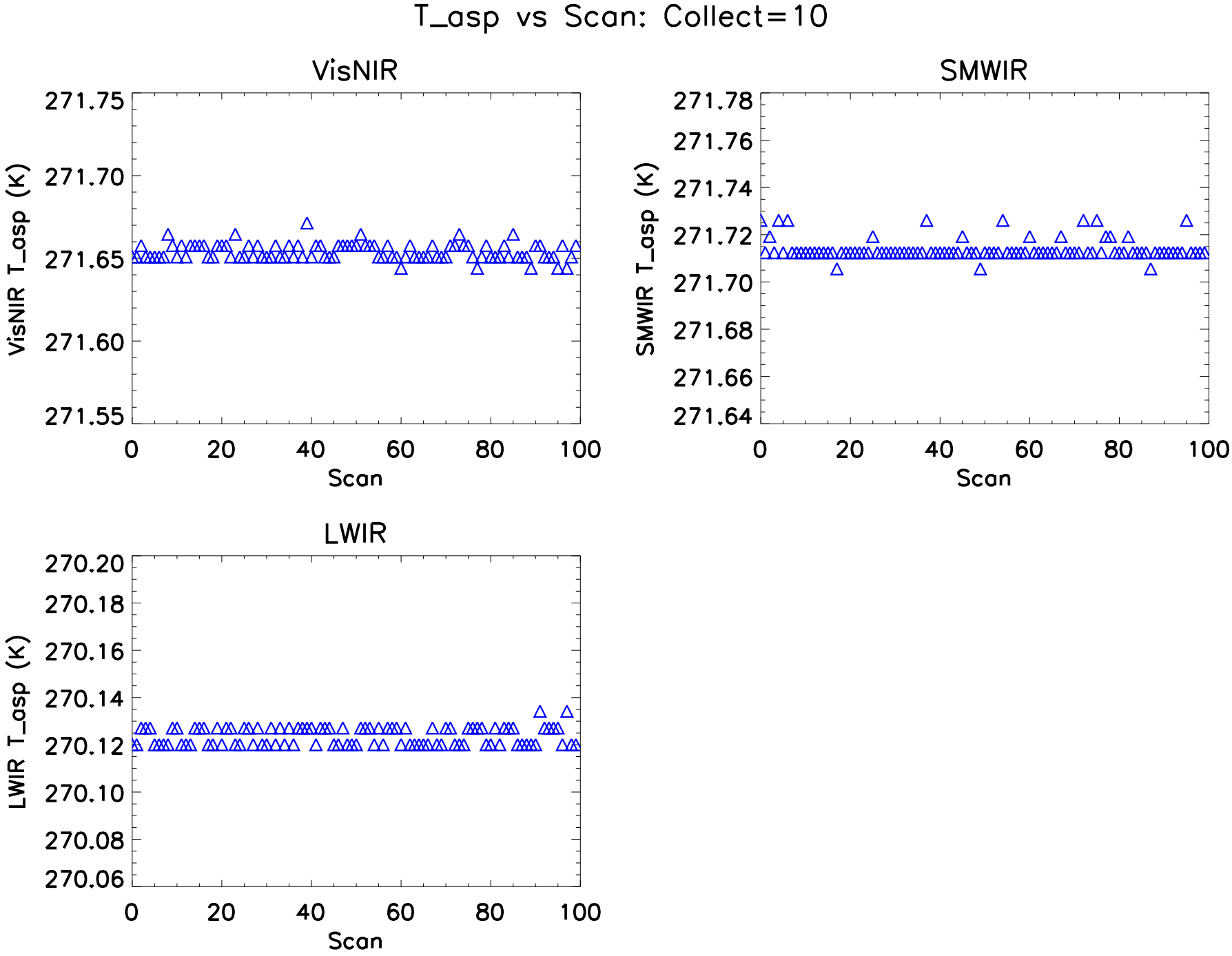

T_asp vs Scan: Collect=5
VisNIR
VisNIR T_asp (K)
271.54
271.52
271.50
271.48
271.46
271.44
271.42
271.40
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.60
271.58
271.56
271.54
271.52
271.50
271.48
271.46
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.00
269.98
269.96
269.94
269.92
269.90
269.88
269.86
0
20
40
60
80
100
Scan

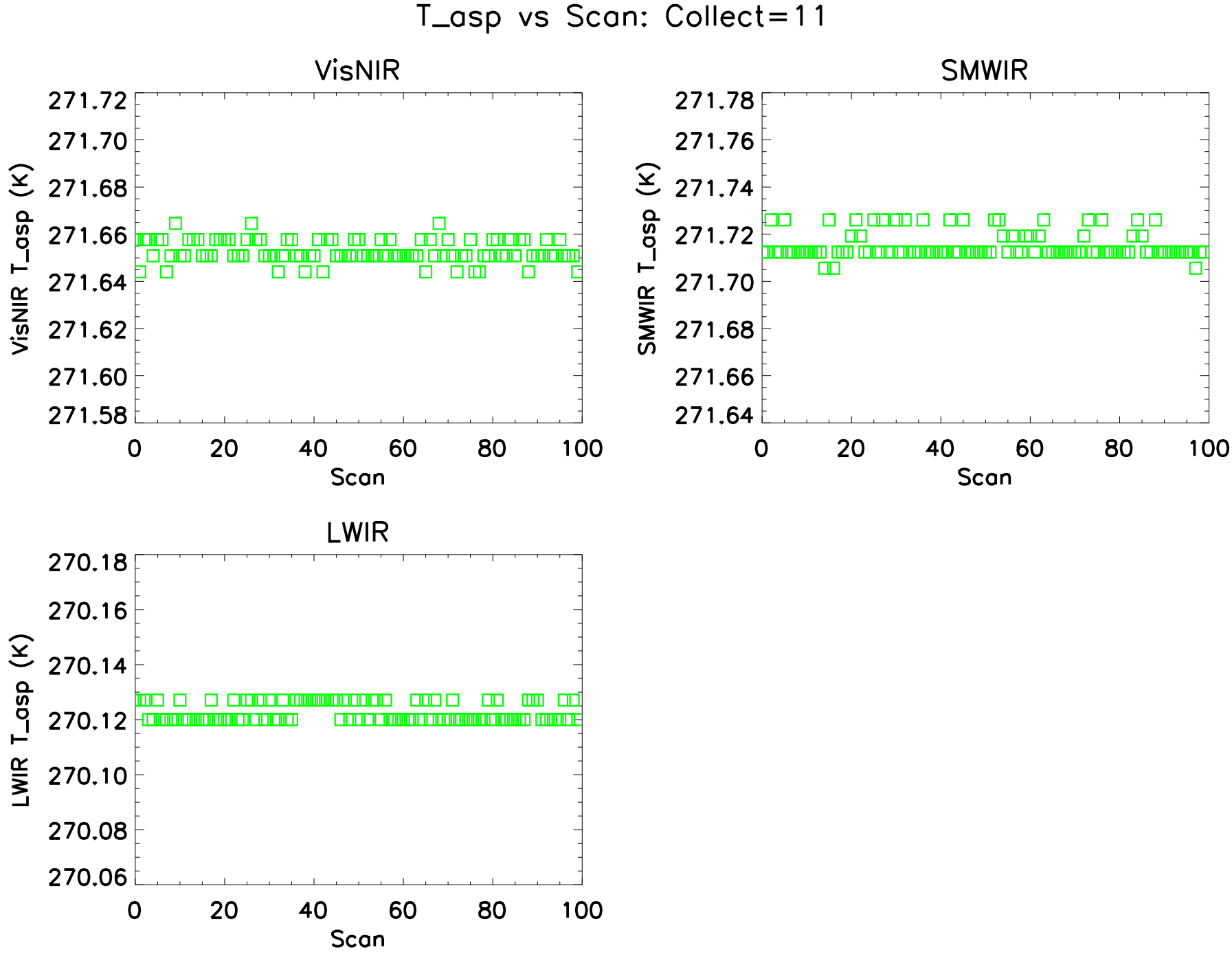

T_asp vs Scan: Collect=6
VisNIR
271.56
271.54
271.52
271.50
271.48
271.46
271.44
271.42
VisNIR T_asp (K)
0
20
40
60
80
100
Scan
SMWIR
271.62
271.60
271.58
271.56
271.54
271.52
271.50
SMWIR T_asp (K)
0
20
40
60
80
100
Scan
LWIR
270.04
270.02
270.00
269.98
269.96
269.94
269.92
269.90
LWIR T_asp (K)
0
20
40
60
80
100
Scan

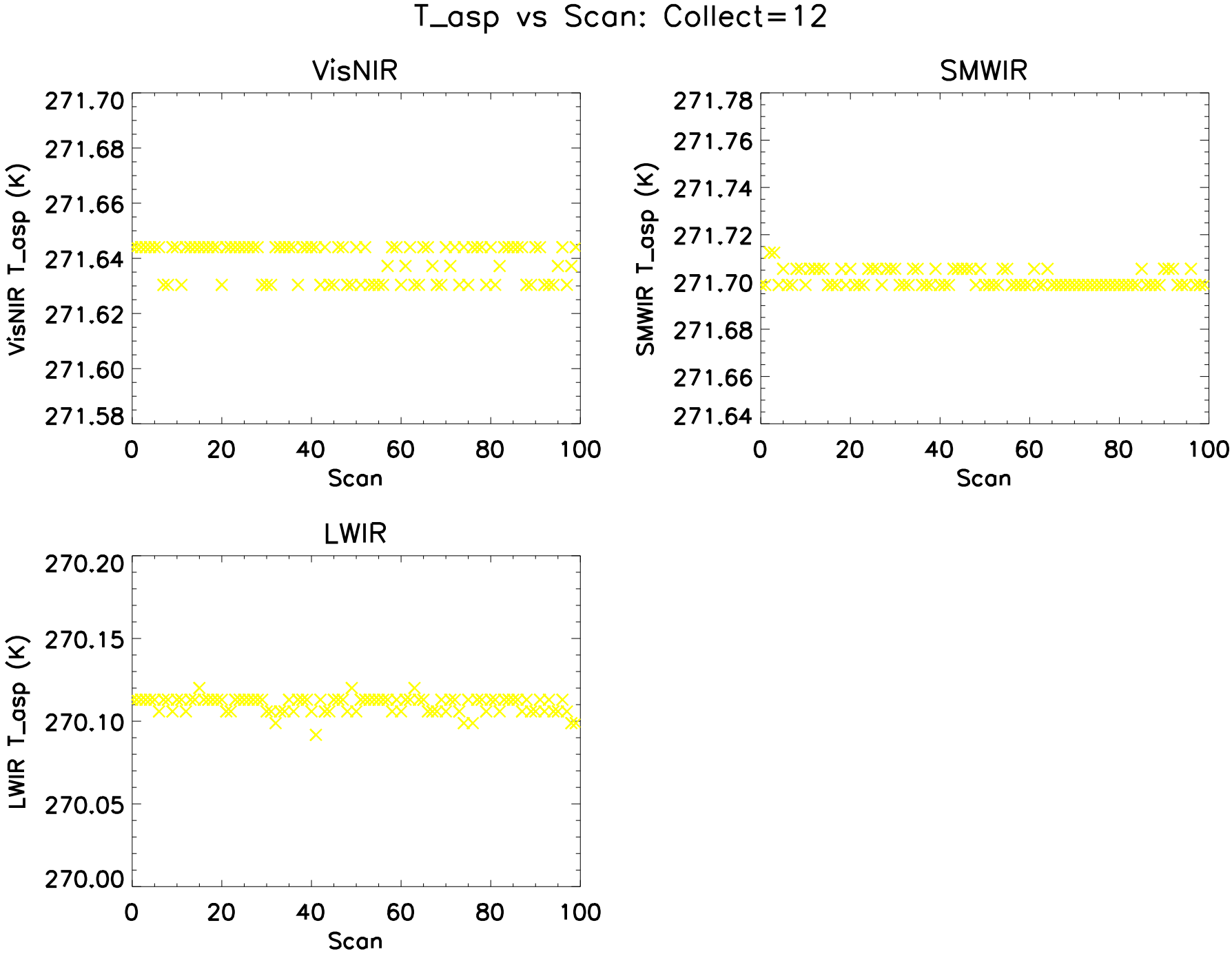

T_asp vs Scan: Collect=7
VisNIR
VisNIR T_asp (K)
271.65
271.60
271.55
271.50
271.45
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.66
271.64
271.62
271.60
271.58
271.56
271.54
271.52
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.08
270.06
270.04
270.02
270.00
269.98
269.96
269.94
0
20
40
60
80
100
Scan

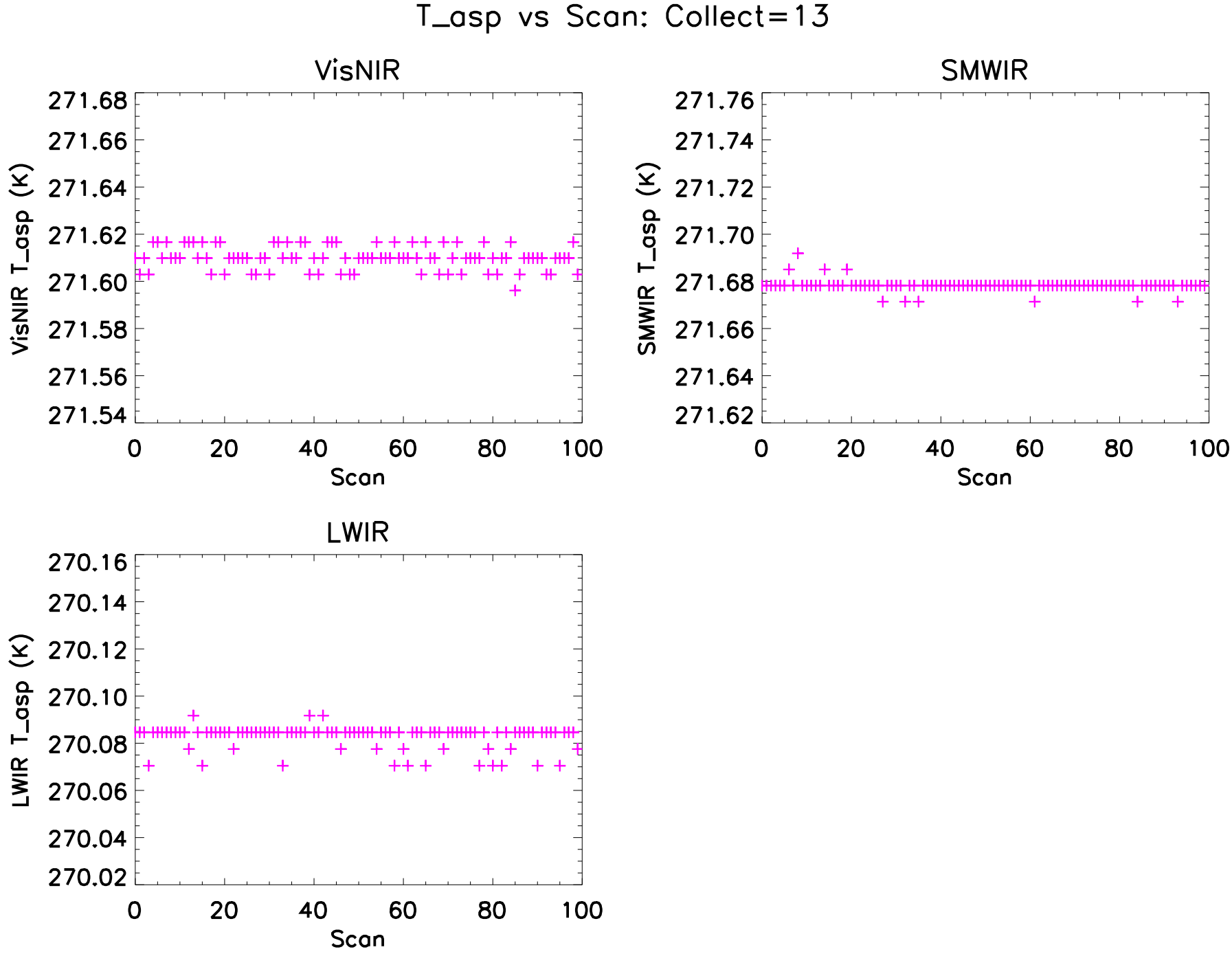

T_asp vs Scan: Collect=8
VisNIR
VisNIR T_asp (K)
271.64
271.62
271.60
271.58
271.56
271.54
271.52
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.72
271.70
271.68
271.66
271.64
271.62
271.60
271.58
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.12
270.10
270.08
270.06
270.04
270.02
270.00
269.98
0
20
40
60
80
100
Scan

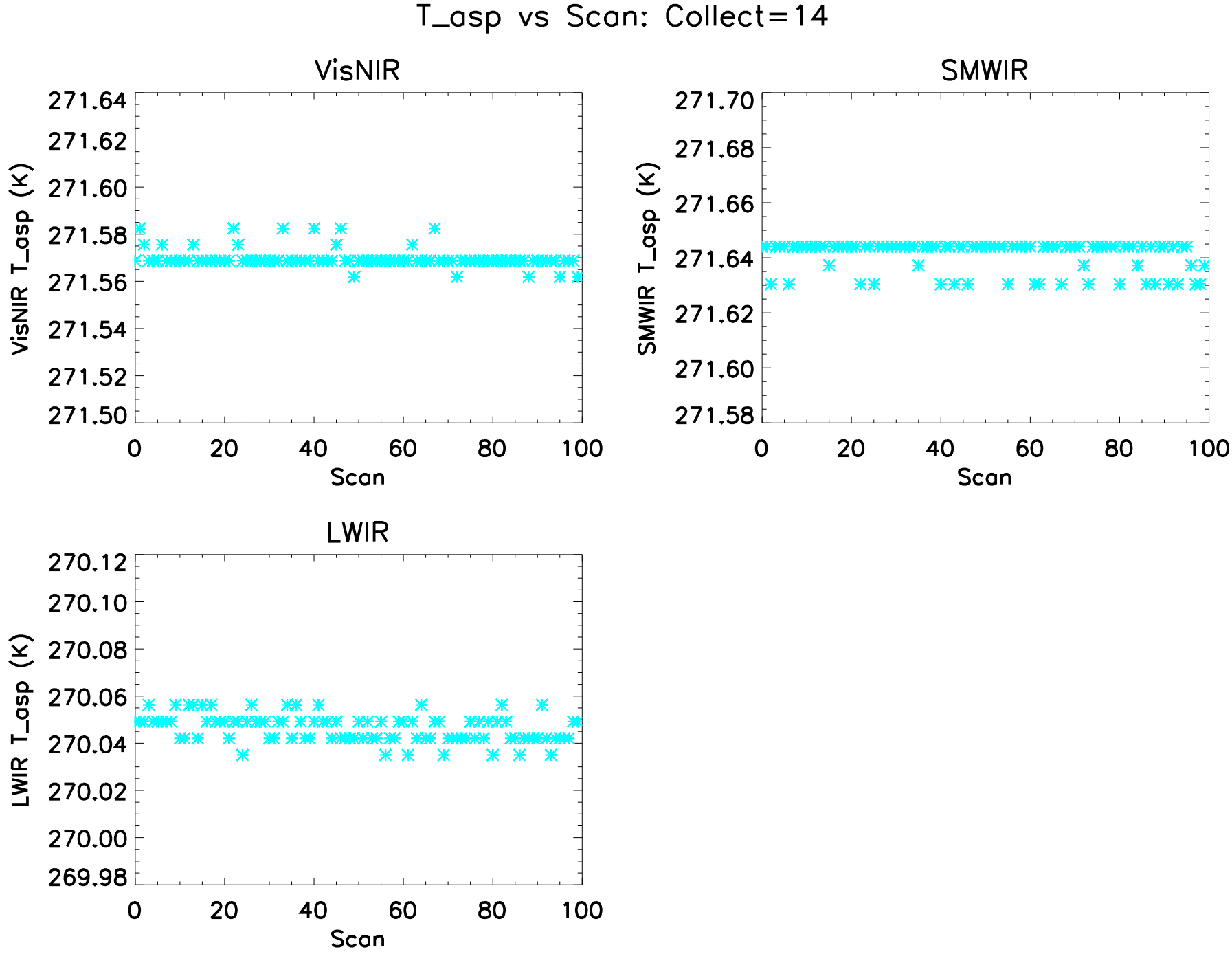

T_asp vs Scan: Collect=9
VisNIR
VisNIR T_asp (K)
271.70
271.68
271.66
271.64
271.62
271.60
271.58
271.56
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.76
271.74
271.72
271.70
271.68
271.66
271.64
271.62
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.16
270.14
270.12
270.10
270.08
270.06
270.04
270.02
0
20
40
60
80
100
Scan

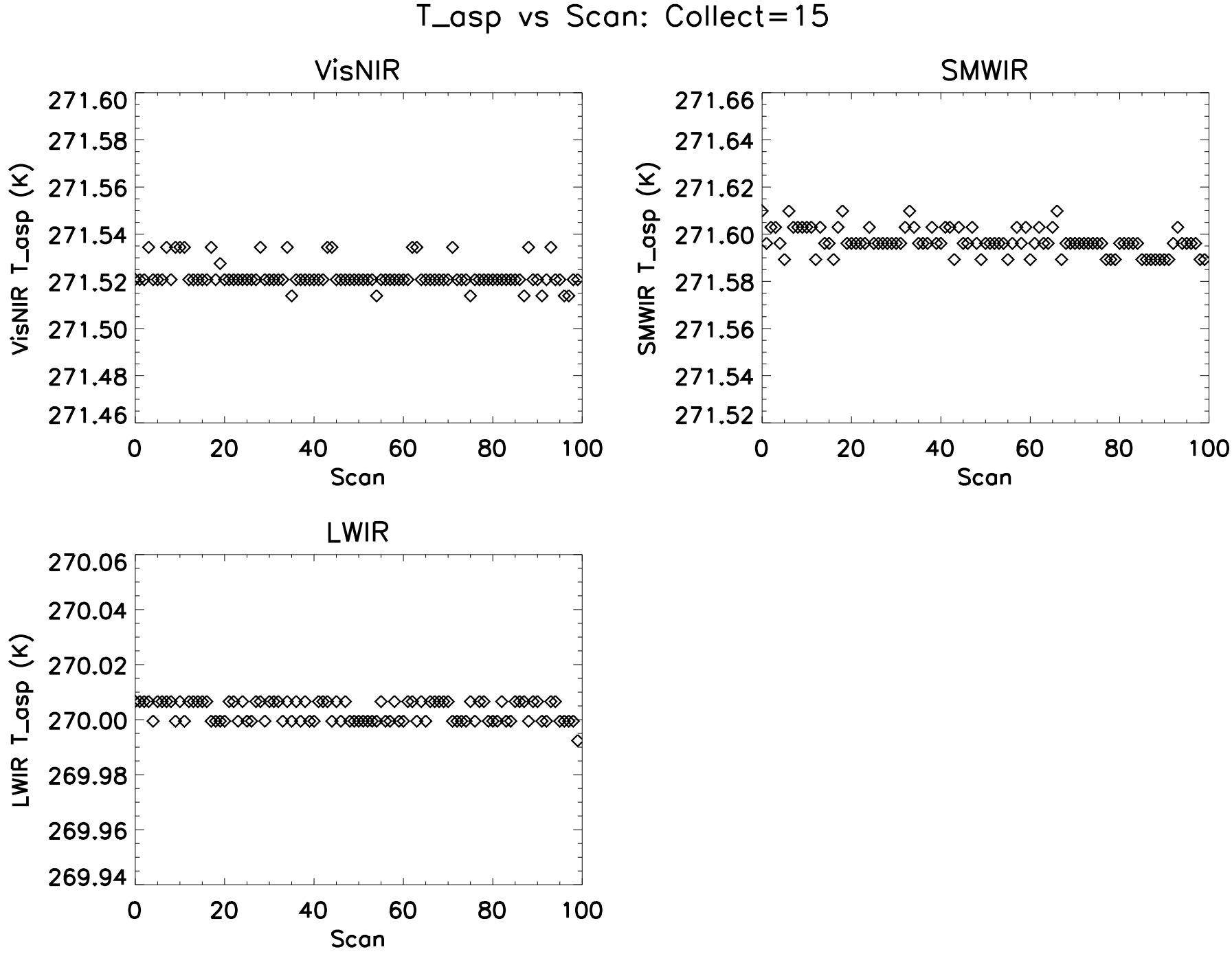

T_asp vs Scan: Collect=10
VisNIR
271.75
271.70
271.65
271.60
271.55
VisNIR T_asp (K)
0
20
40
60
80
100
Scan
SMWIR
271.78
271.76
271.74
271.72
271.70
271.68
271.66
271.64
SMWIR T_asp (K)
0
20
40
60
80
100
Scan
LWIR
270.20
270.18
270.16
270.14
270.12
270.10
270.08
270.06
LWIR T_asp (K)
0
20
40
60
80
100
Scan

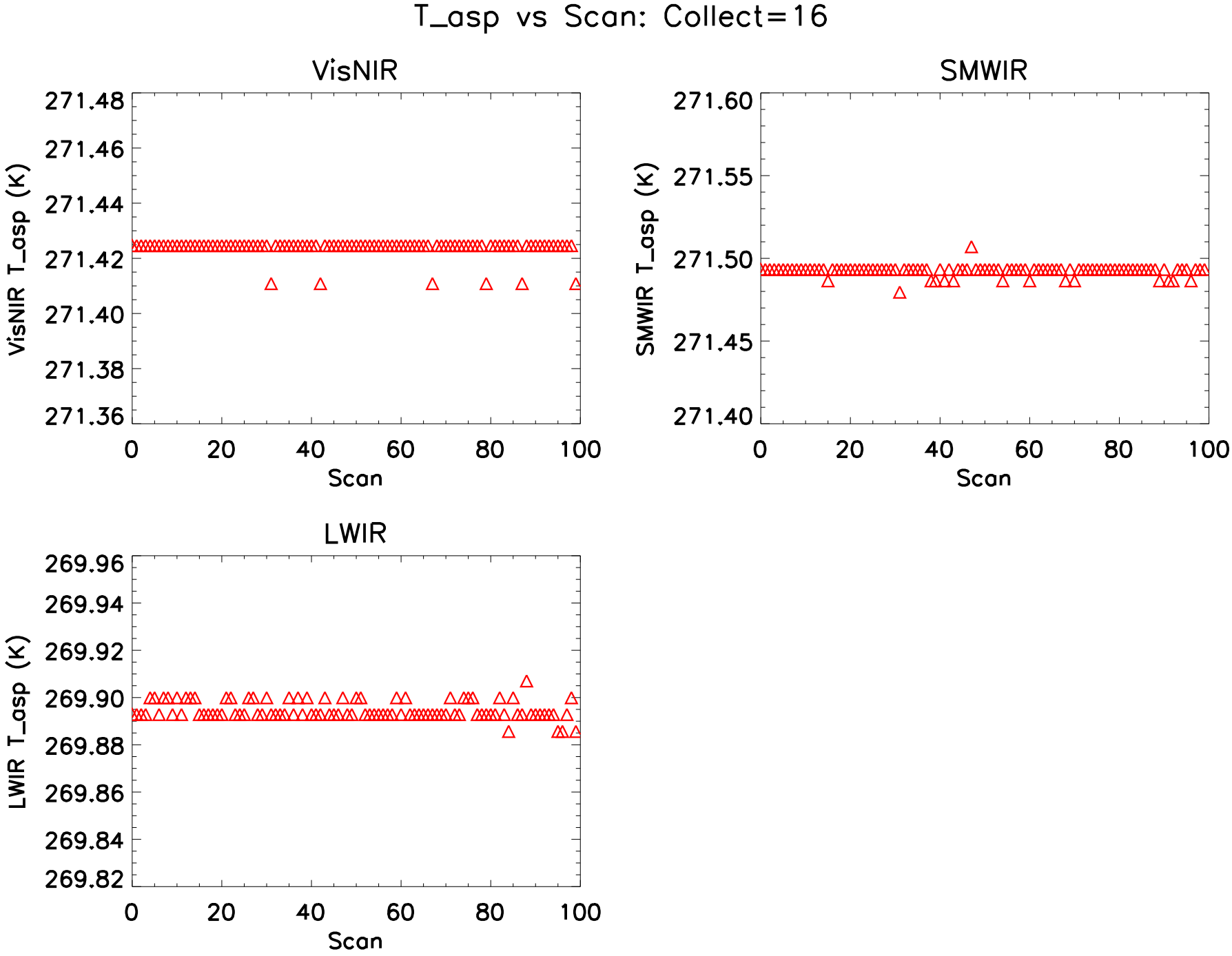

T_asp vs Scan: Collect=11
VisNIR
VisNIR T_asp (K)
271.72
271.70
271.68
271.66
271.64
271.62
271.60
271.58
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.78
271.76
271.74
271.72
271.70
271.68
271.66
271.64
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.18
270.16
270.14
270.12
270.10
270.08
270.06
0
20
40
60
80
100
Scan

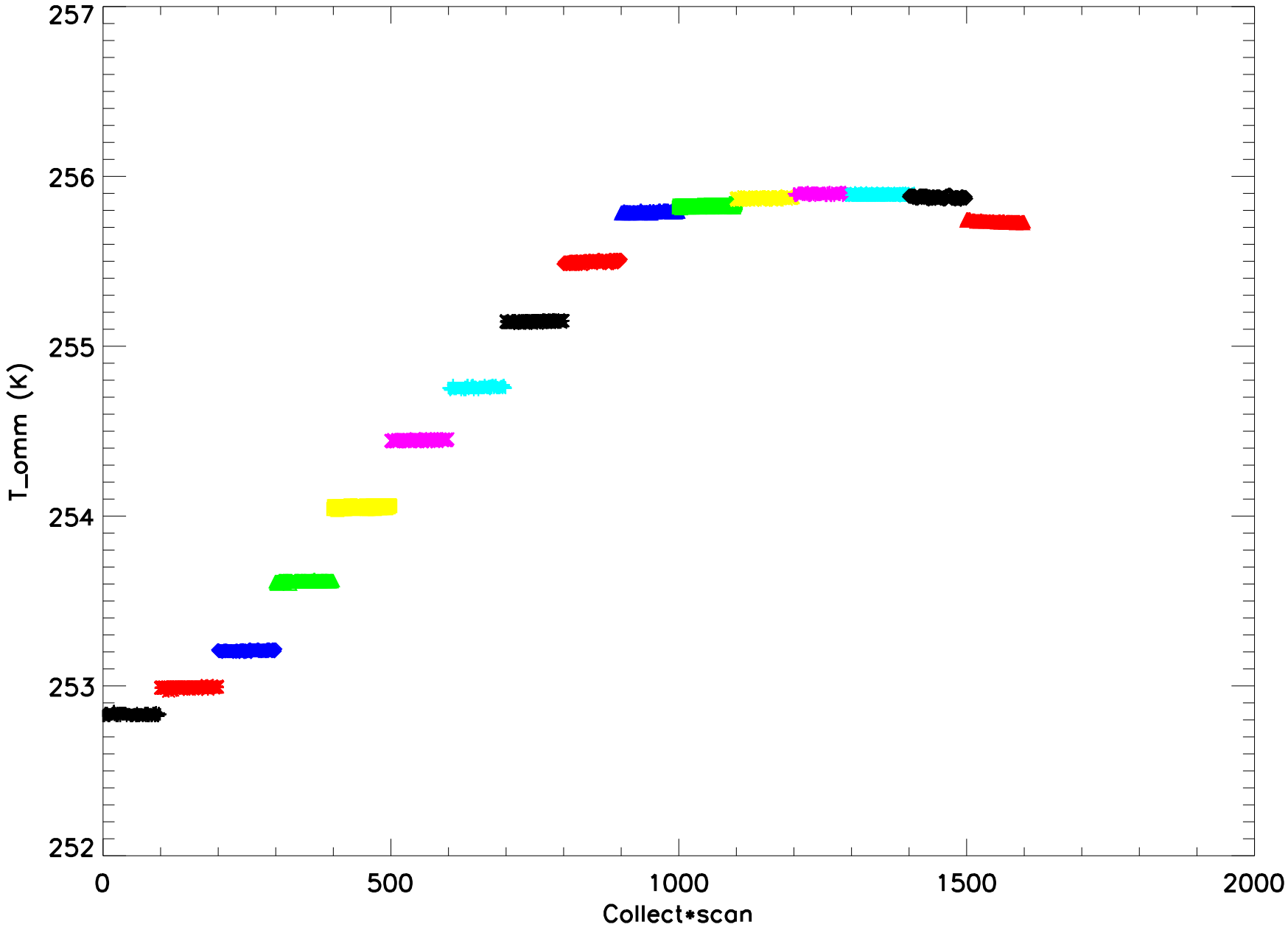

T_asp vs Scan: Collect=12
VisNIR
VisNIR T_asp (K)
271.70
271.68
271.66
271.64
271.62
271.60
271.58
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.78
271.76
271.74
271.72
271.70
271.68
271.66
271.64
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.20
270.15
270.10
270.05
270.00
0
20
40
60
80
100
Scan

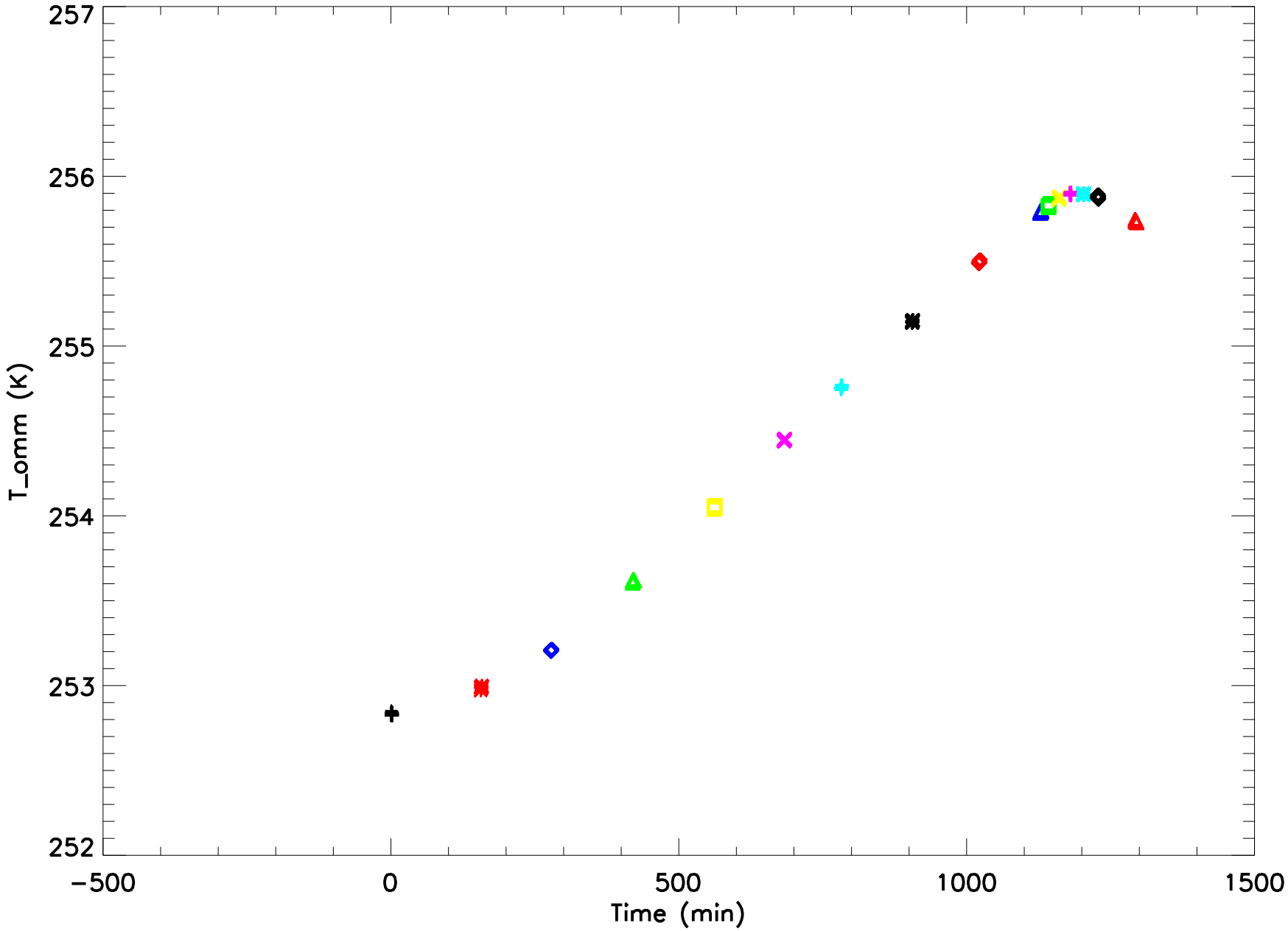

T_asp vs Scan: Collect=13
VisNIR
VisNIR T_asp (K)
271.68
271.66
271.64
271.62
271.60
271.58
271.56
271.54
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.76
271.74
271.72
271.70
271.68
271.66
271.64
271.62
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.16
270.14
270.12
270.10
270.08
270.06
270.04
270.02
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=14
VisNIR
VisNIR T_asp (K)
271.64
271.62
271.60
271.58
271.56
271.54
271.52
271.50
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.70
271.68
271.66
271.64
271.62
271.60
271.58
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.12
270.10
270.08
270.06
270.04
270.02
270.00
269.98
0
20
40
60
80
100
Scan

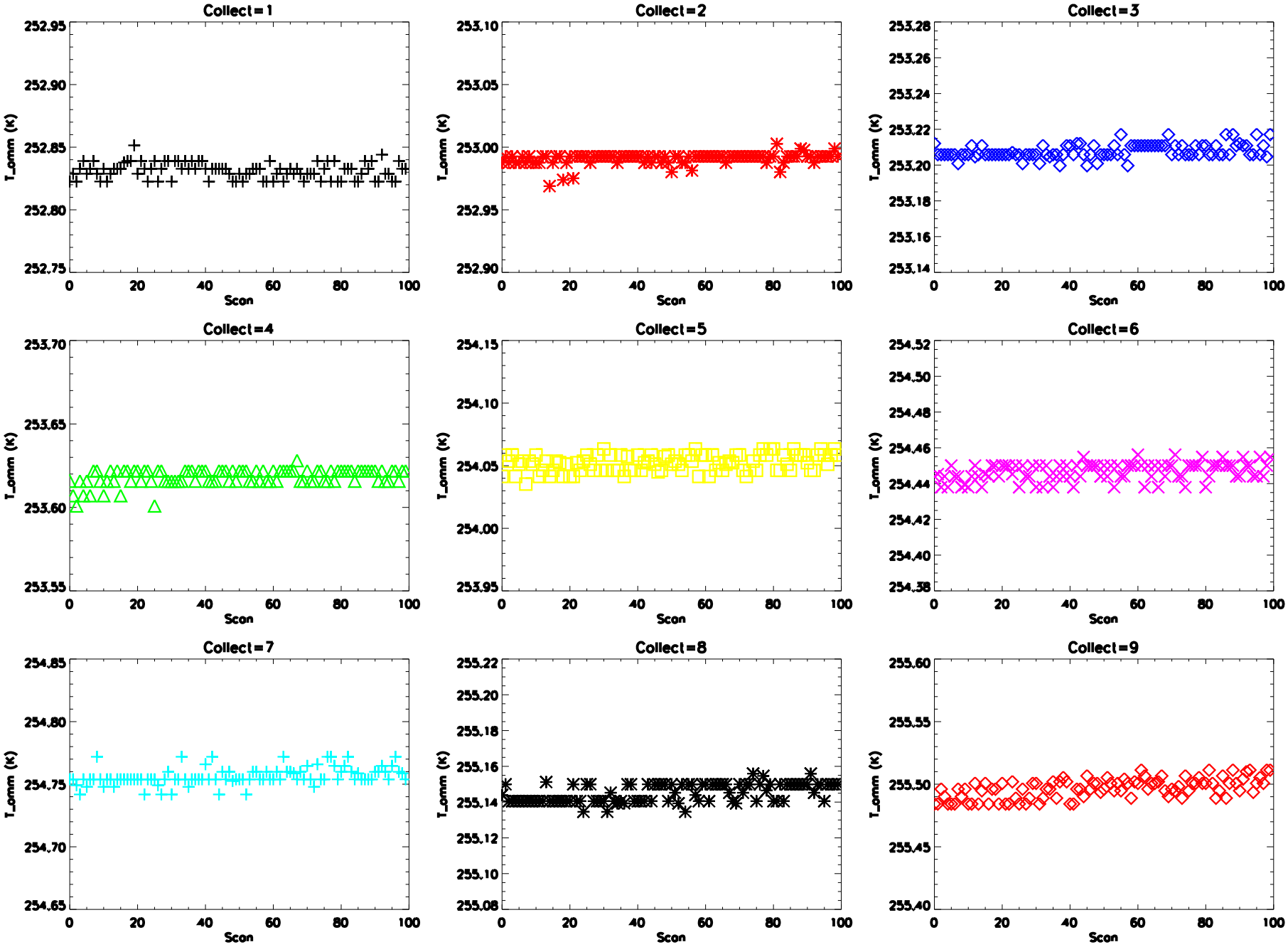

T_asp vs Scan: Collect=15
VisNIR
VisNIR T_asp (K)
271.60
271.58
271.56
271.54
271.52
271.50
271.48
271.46
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
271.66
271.64
271.62
271.60
271.58
271.56
271.54
271.52
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
270.06
270.04
270.02
270.00
269.98
269.96
269.94
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=16
VisNIR
271.48
271.46
271.44
271.42
271.40
271.38
271.36
VisNIR T_asp (K)
0
20
40
60
80
100
Scan
SMWIR
271.60
271.55
271.50
271.45
271.40
SMWIR T_asp (K)
0
20
40
60
80
100
Scan
LWIR
269.96
269.94
269.92
269.90
269.88
269.86
269.84
269.82
LWIR T_asp (K)
0
20
40
60
80
100
Scan

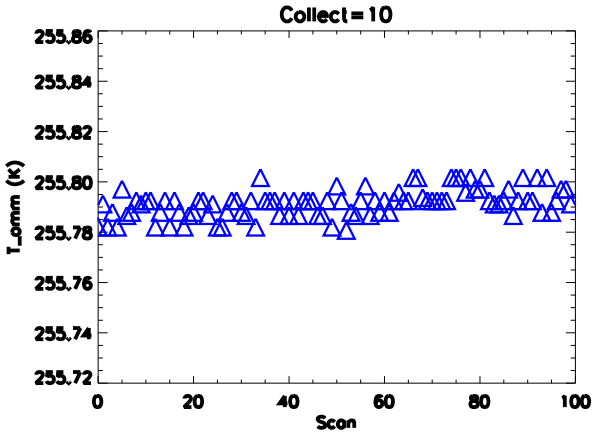

T_omm vs Scan and Collect
257
256
255
254
253
252
T_omm (K)
0
500
1000
1500
2000
Collect*scan

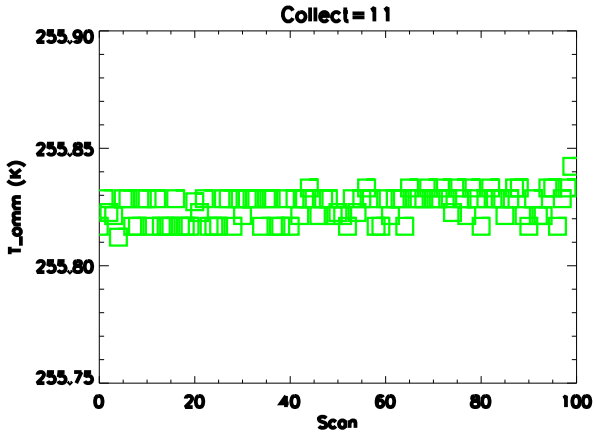

T_omm vs Time
257
256
255
254
253
252
T_omm (K)
−500
0
500
1000
1500
Time (min)

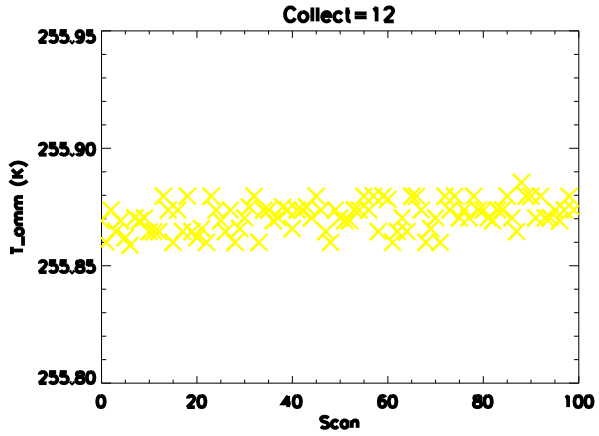
T_omm vs Scan

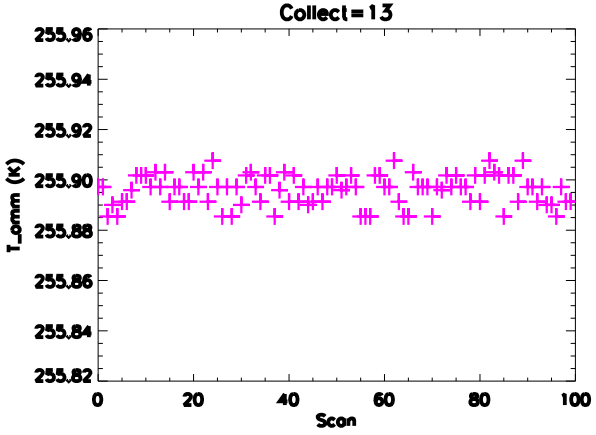

Collect=1
252.95
252.90
252.85
252.80
252.75
T_omm (K)
0
20
40
60
80
100
Scan
Collect=2
253.10
253.05
253.00
252.95
252.90
T_omm (K)
0
20
40
60
80
100
Scan
Collect=3
253.28
253.26
253.24
253.22
253.20
253.18
253.16
253.14
T_omm (K)
0
20
40
60
80
100
Scan
Collect=4
253.70
253.65
253.60
253.55
T_omm (K)
0
20
40
60
80
100
Scan
Collect=5
254.15
254.10
254.05
254.00
253.95
T_omm (K)
0
20
40
60
80
100
Scan
Collect=6
254.52
254.50
254.48
254.46
254.44
254.42
254.40
254.38
T_omm (K)
0
20
40
60
80
100
Scan
Collect=7
254.85
254.80
254.75
254.70
254.65
T_omm (K)
0
20
40
60
80
100
Scan
Collect=8
255.22
255.20
255.18
255.16
255.14
255.12
255.10
255.08
T_omm (K)
0
20
40
60
80
100
Scan
Collect=9
255.60
255.55
255.50
255.45
255.40
T_omm (K)
0
20
40
60
80
100
Scan

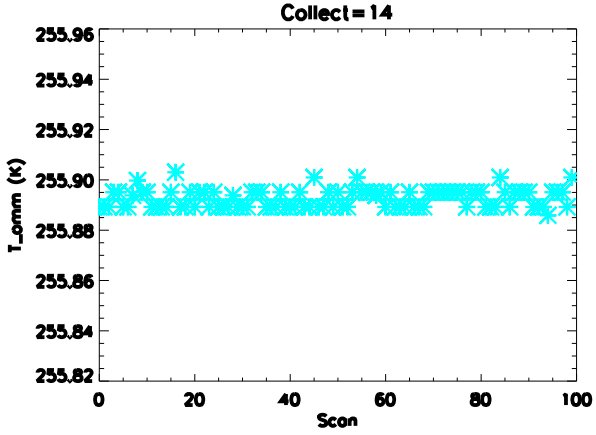
T_omm vs Scan

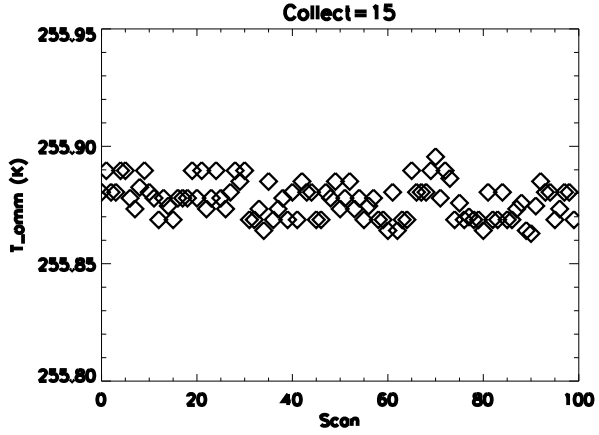

Collect = 10
T_omm (K)
255.86
255.84
255.82
255.80
255.78
255.76
255.74
255.72
0
20
40
60
80
100
Scan

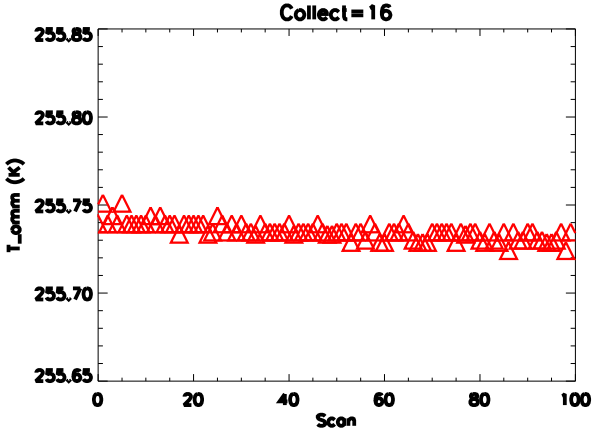

Collect = 11
T_omm (K)
255.90
255.85
255.80
255.75
0
20
40
60
80
100
Scan


Collect = 12
T_omm (K)
255.95
255.90
255.85
255.80
0
20
40
60
80
100
Scan


Collect = 13
T_omm (K)
255.96
255.94
255.92
255.90
255.88
255.86
255.84
255.82
0
20
40
60
80
100
Scan


Collect = 14
T_omm (K)
255.96
255.94
255.92
255.90
255.88
255.86
255.84
255.82
0
20
40
60
80
100
Scan


Collect = 15
T_omm (K)
255.95
255.90
255.85
255.80
0
20
40
60
80
100
Scan


Collect = 16
T_omm (K)
255.85
255.80
255.75
255.70
255.65
0
20
40
60
80
100
Scan