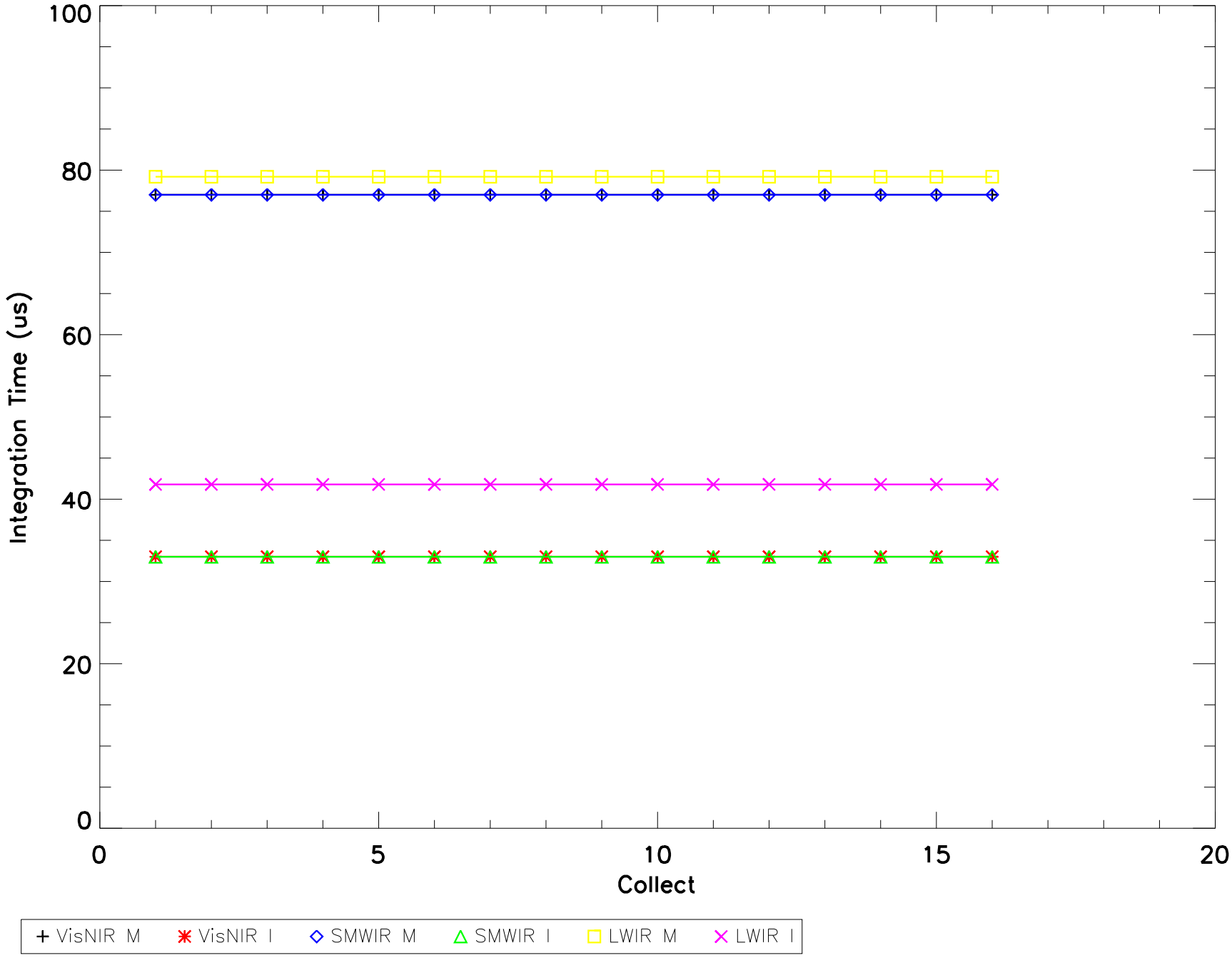
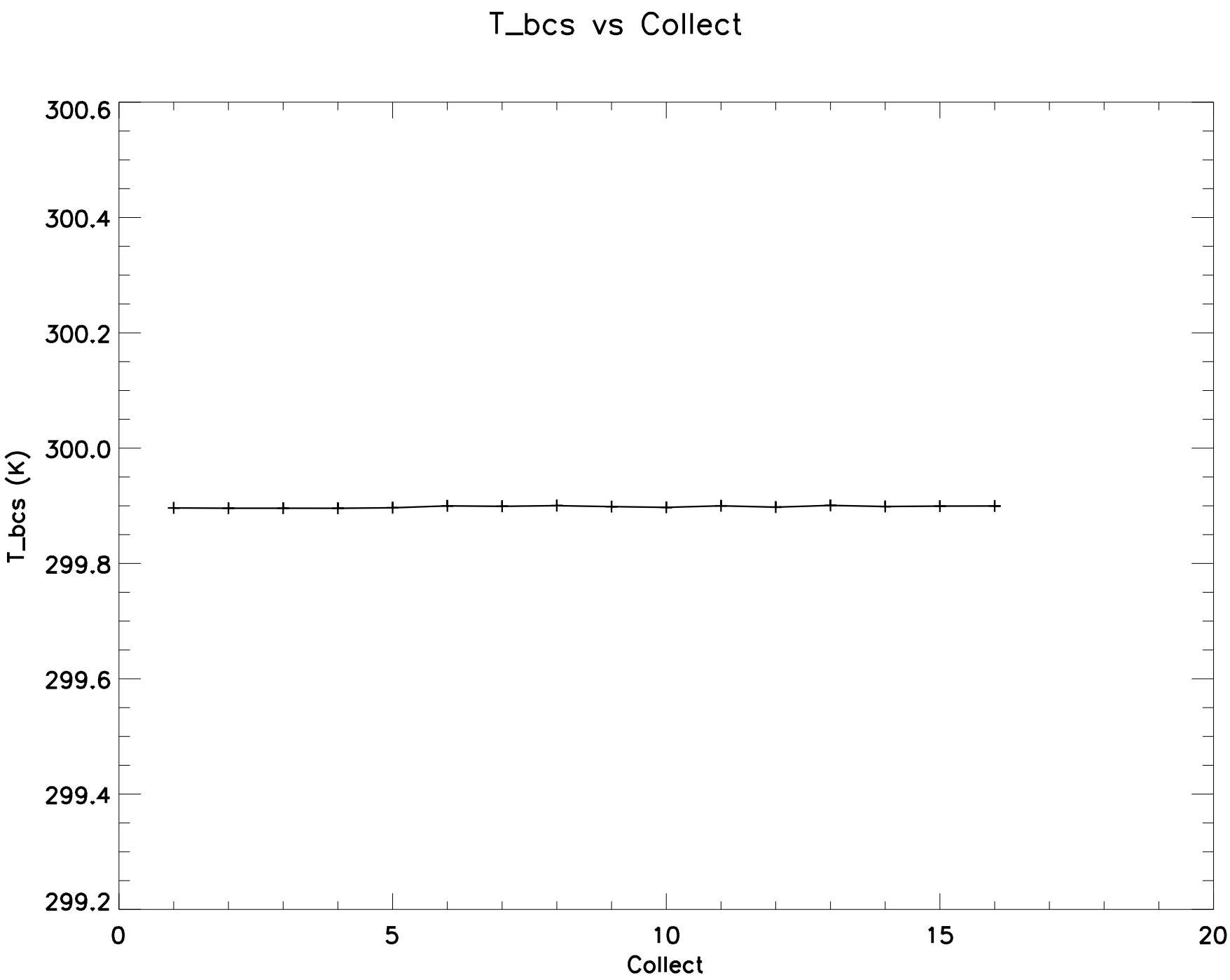
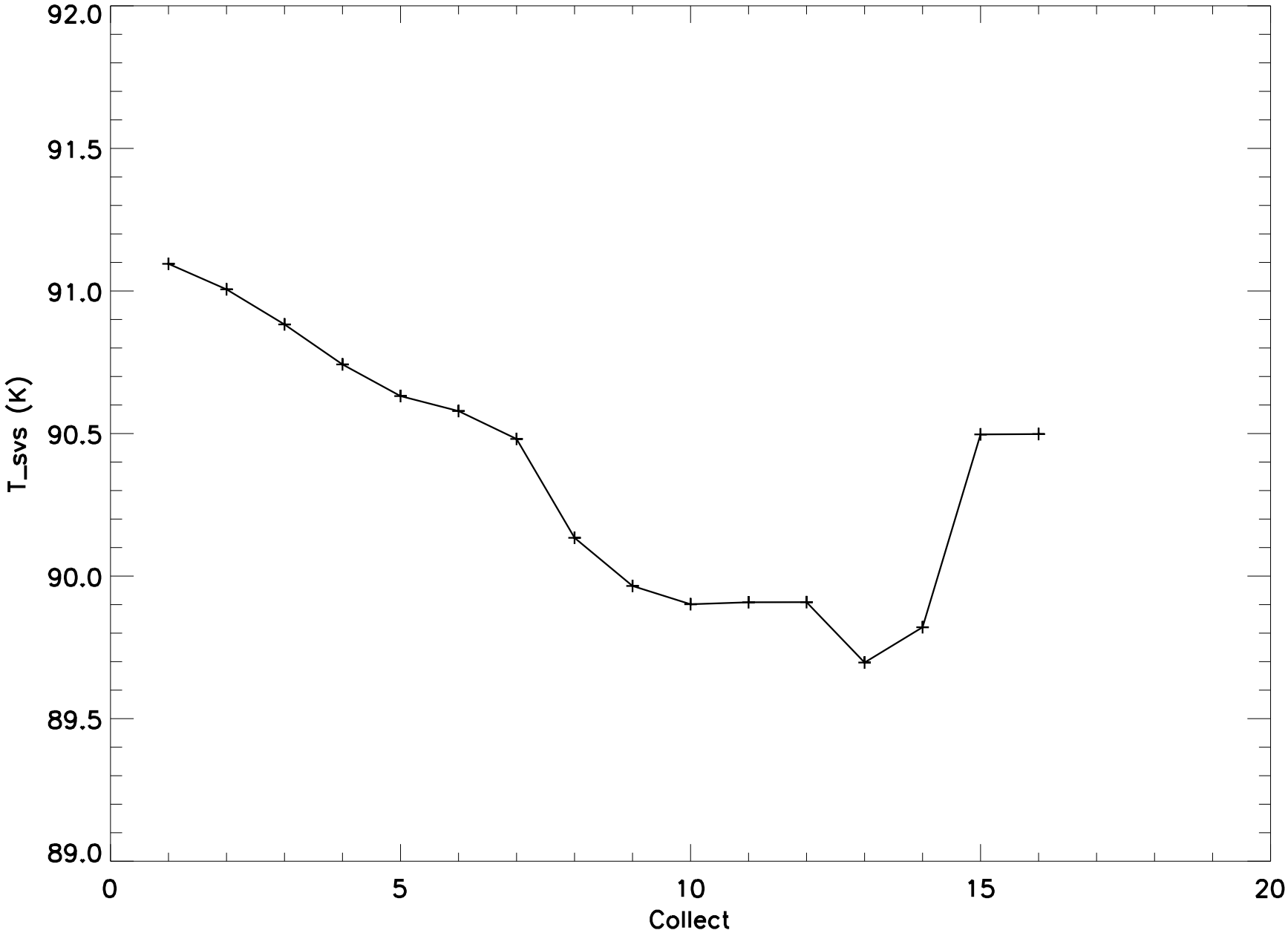
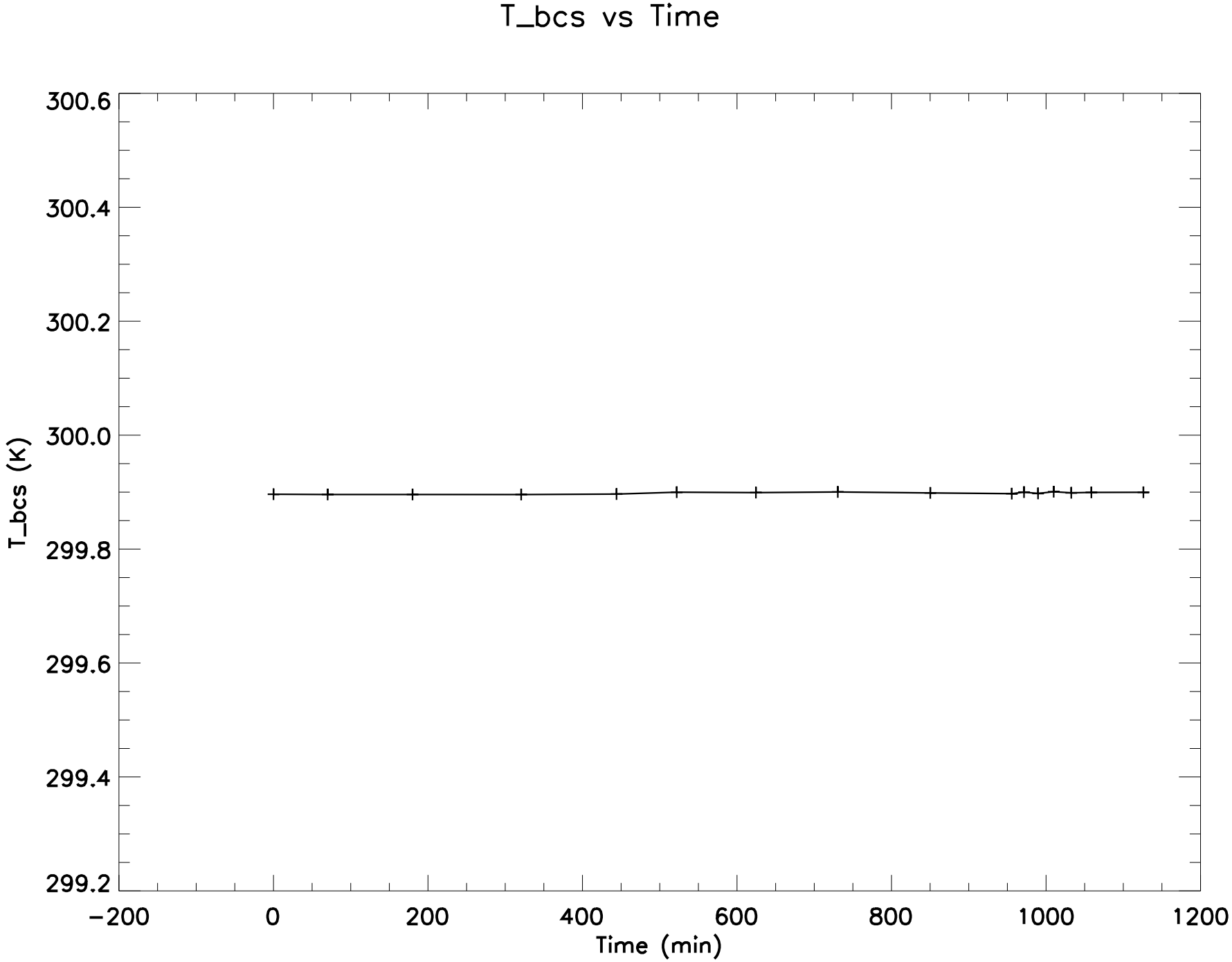
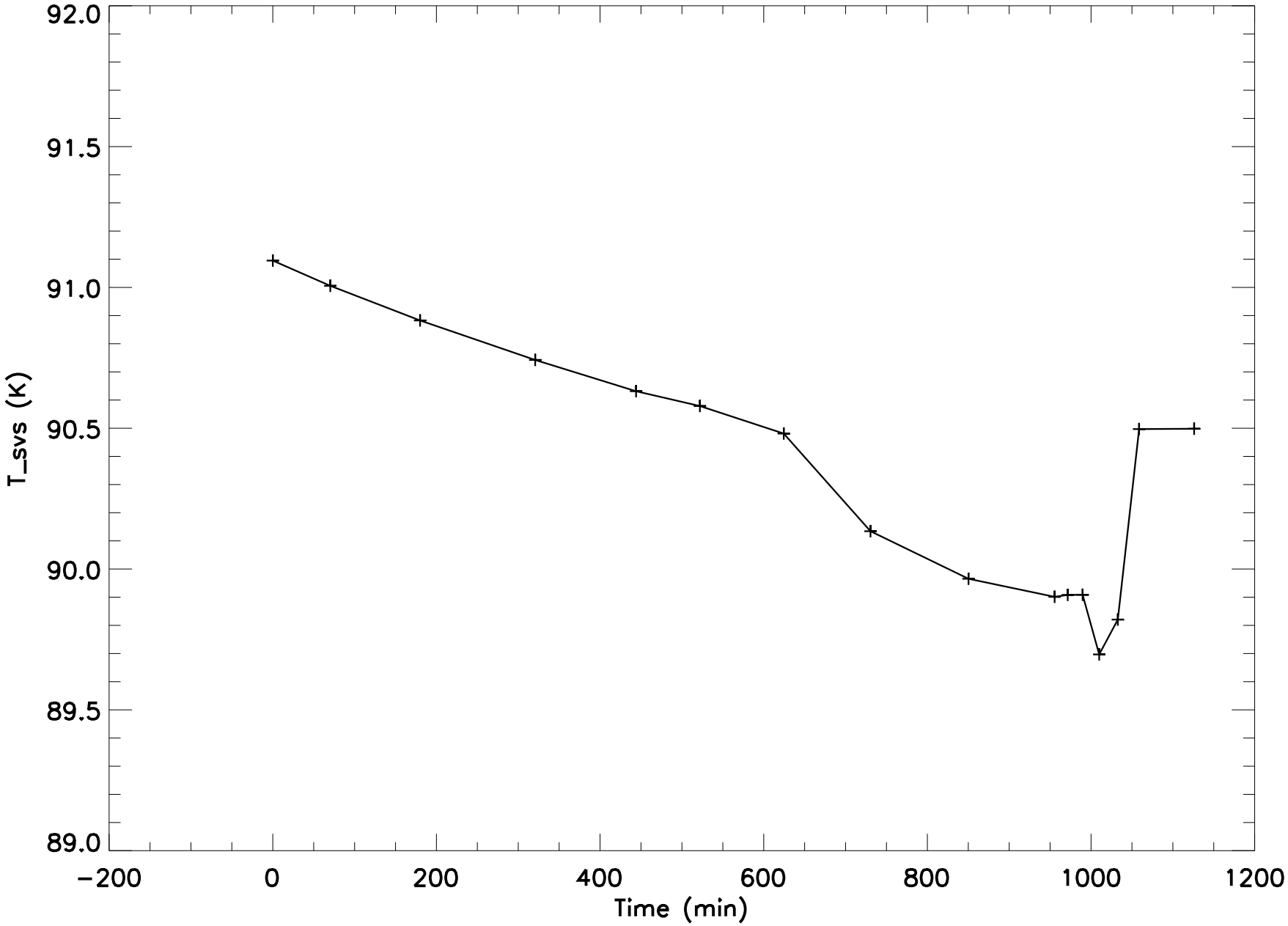
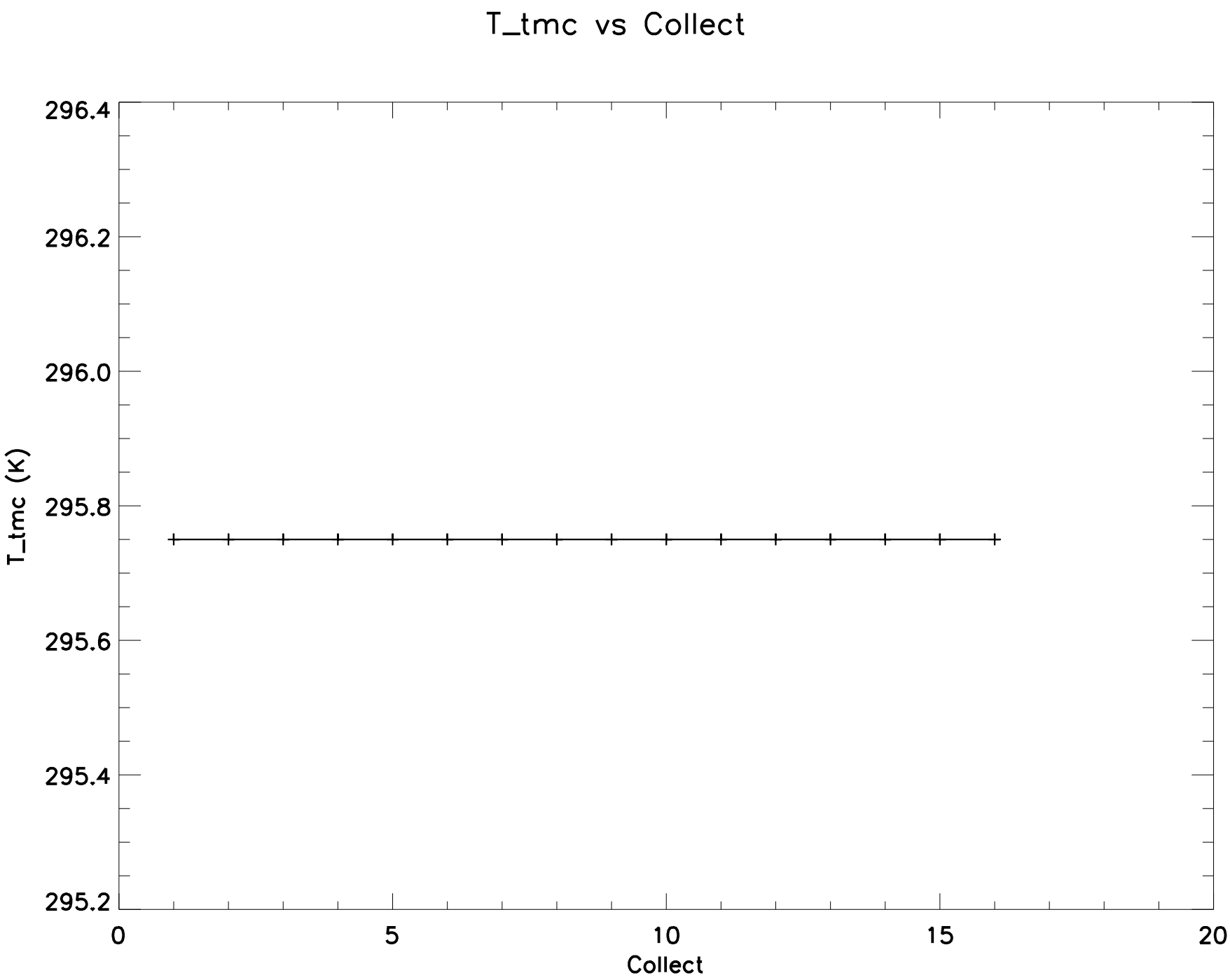

Integration Time vs Collect
Integration Time (us)
100
80
60
40
20
0
0
5
10
15
20
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

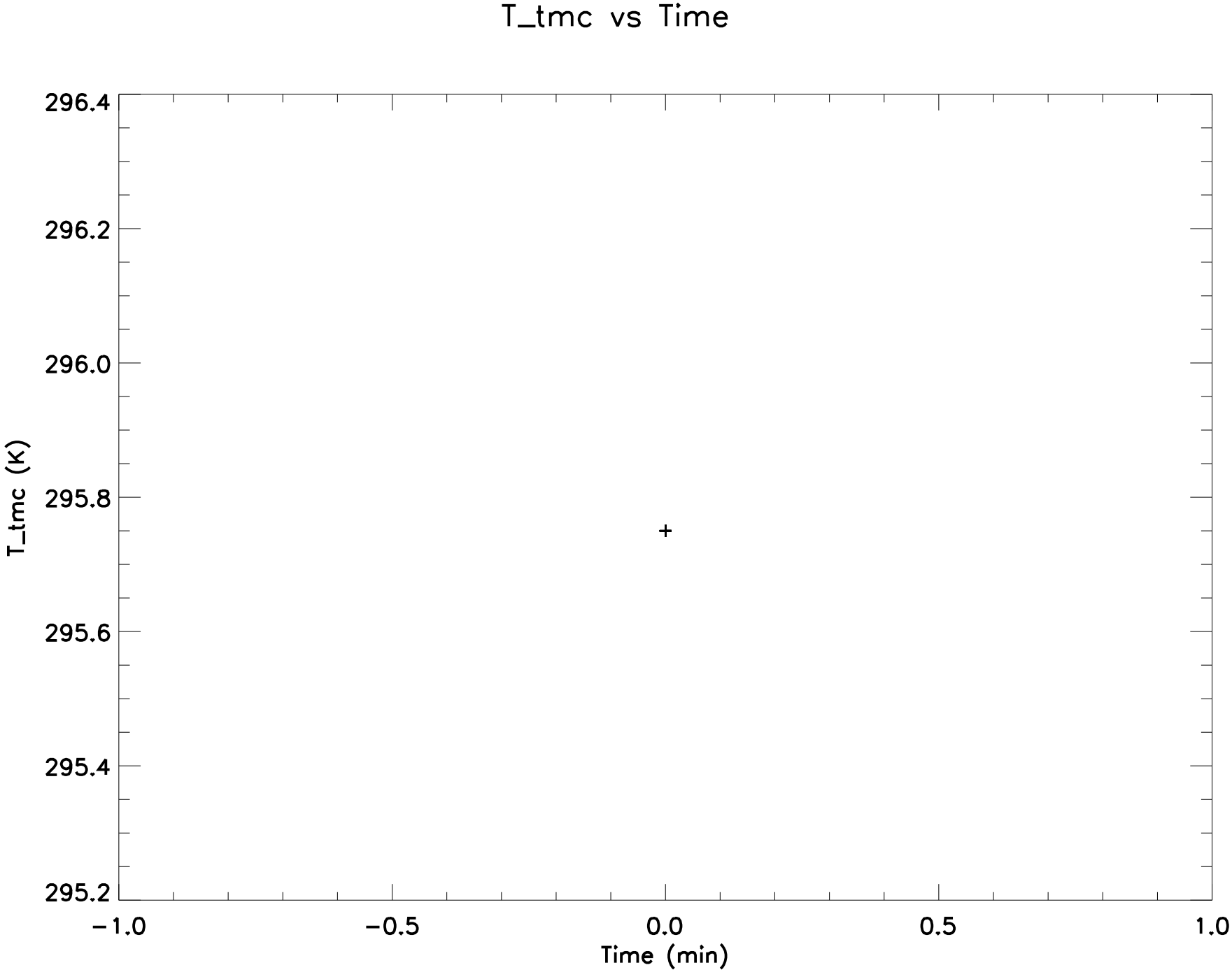

T_bcs vs Collect
300.6
300.4
300.2
300.0
299.8
299.6
299.4
299.2
T_bcs (K)
0
5
10
15
20
Collect

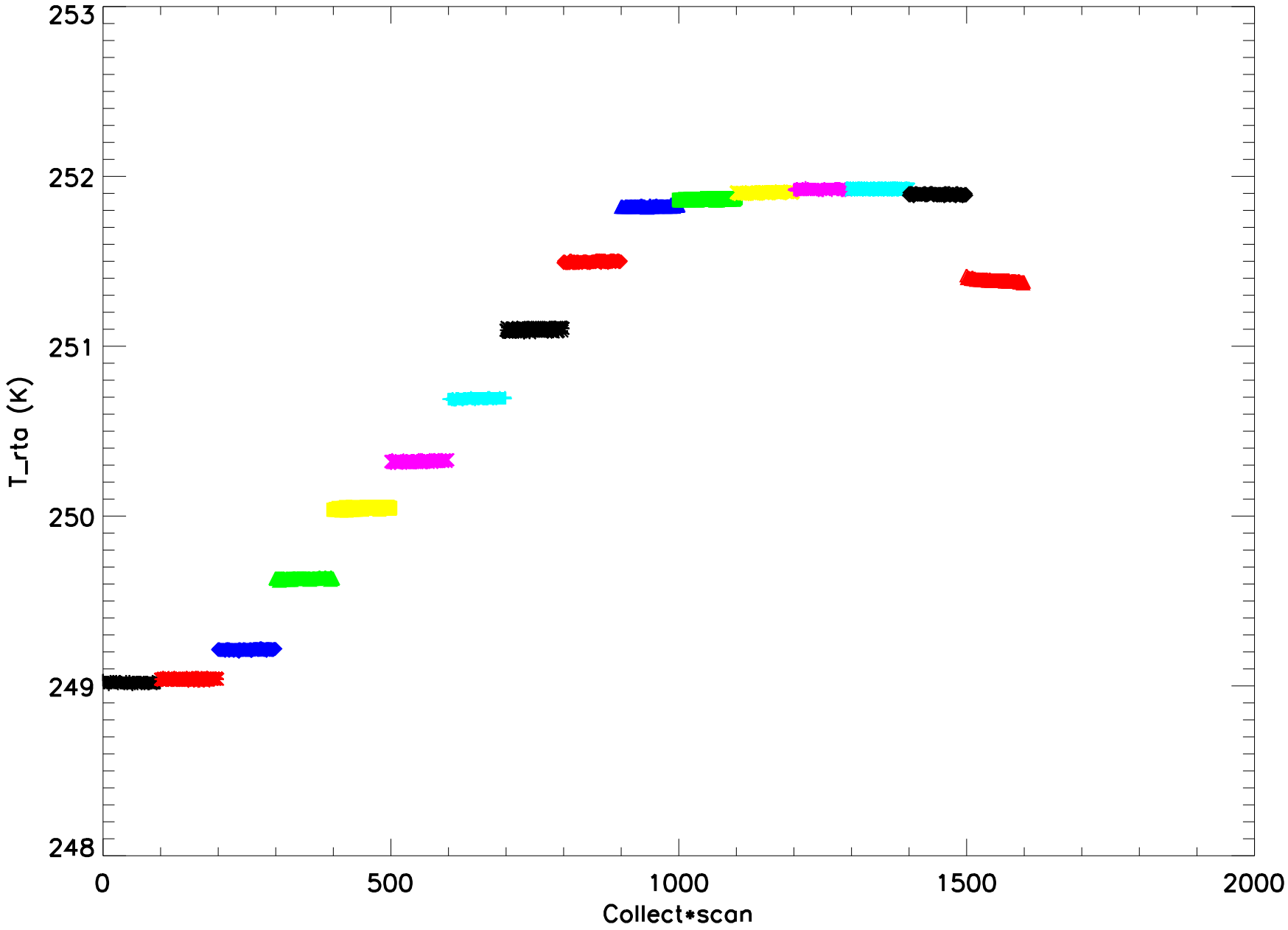

T_svs vs Collect
92.0
91.5
91.0
90.5
90.0
89.5
89.0
T_svs (K)
0
5
10
15
20
Collect

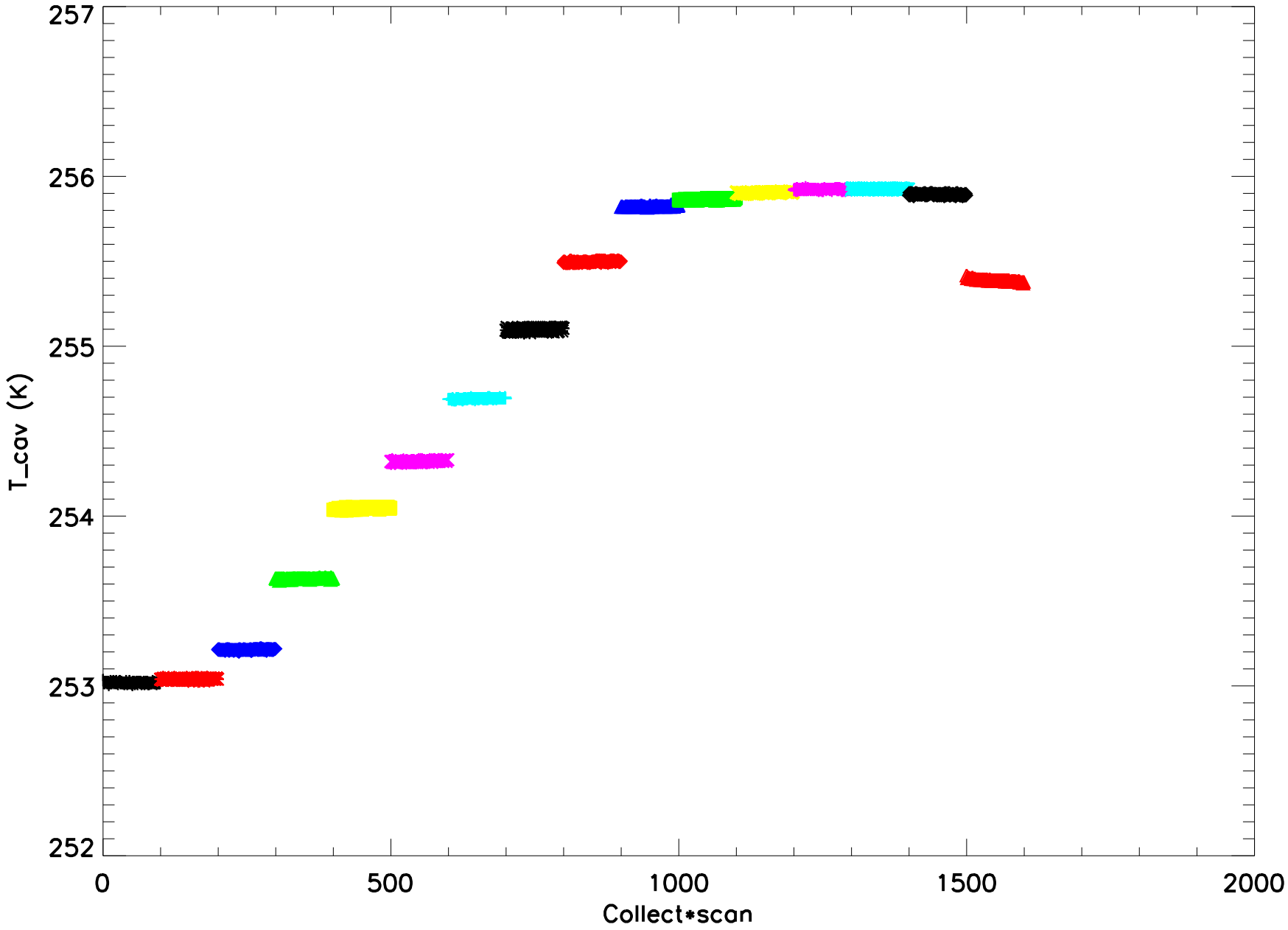

T_bcs vs Time
300.6
300.4
300.2
300.0
299.8
299.6
299.4
299.2
T_bcs (K)
−200
0
200
400
600
800
1000
1200
Time (min)

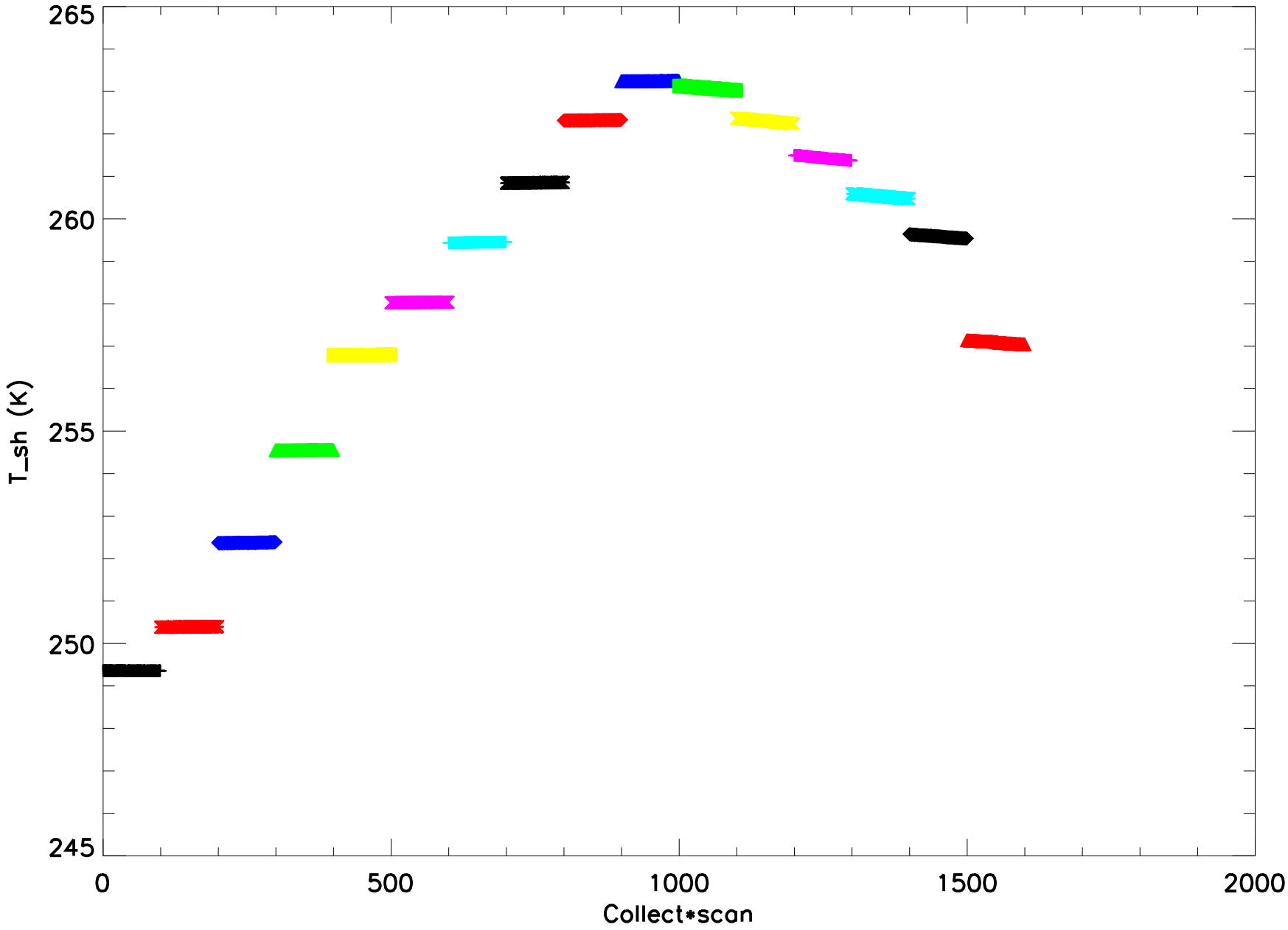

T_svs vs Time
92.0
91.5
91.0
90.5
90.0
89.5
89.0
T_svs (K)
−200
0
200
400
600
800
1000
1200
Time (min)

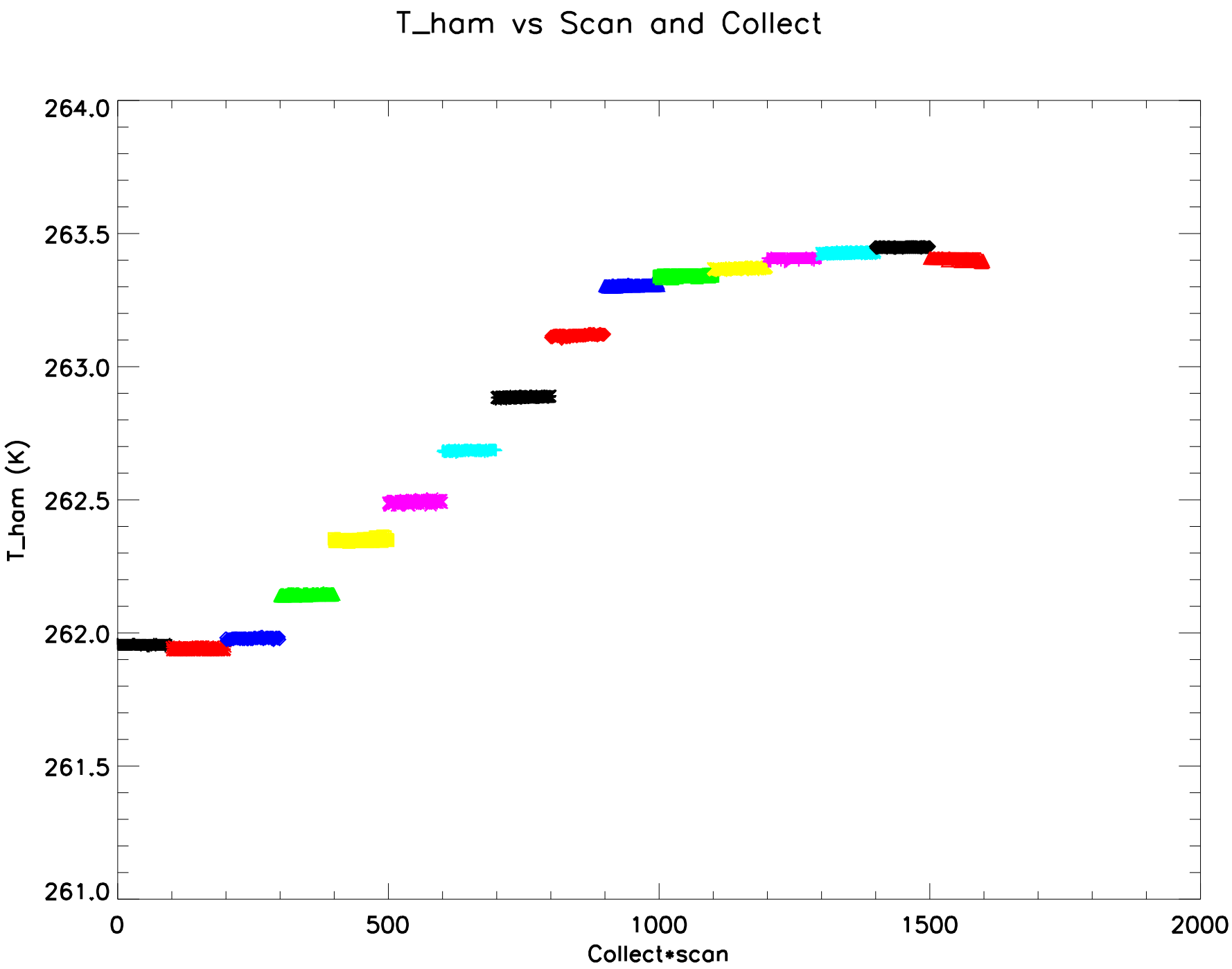

T_tmc vs Collect
296.4
296.2
296.0
295.8
295.6
295.4
295.2
T_tmc (K)
0
5
10
15
20
Collect

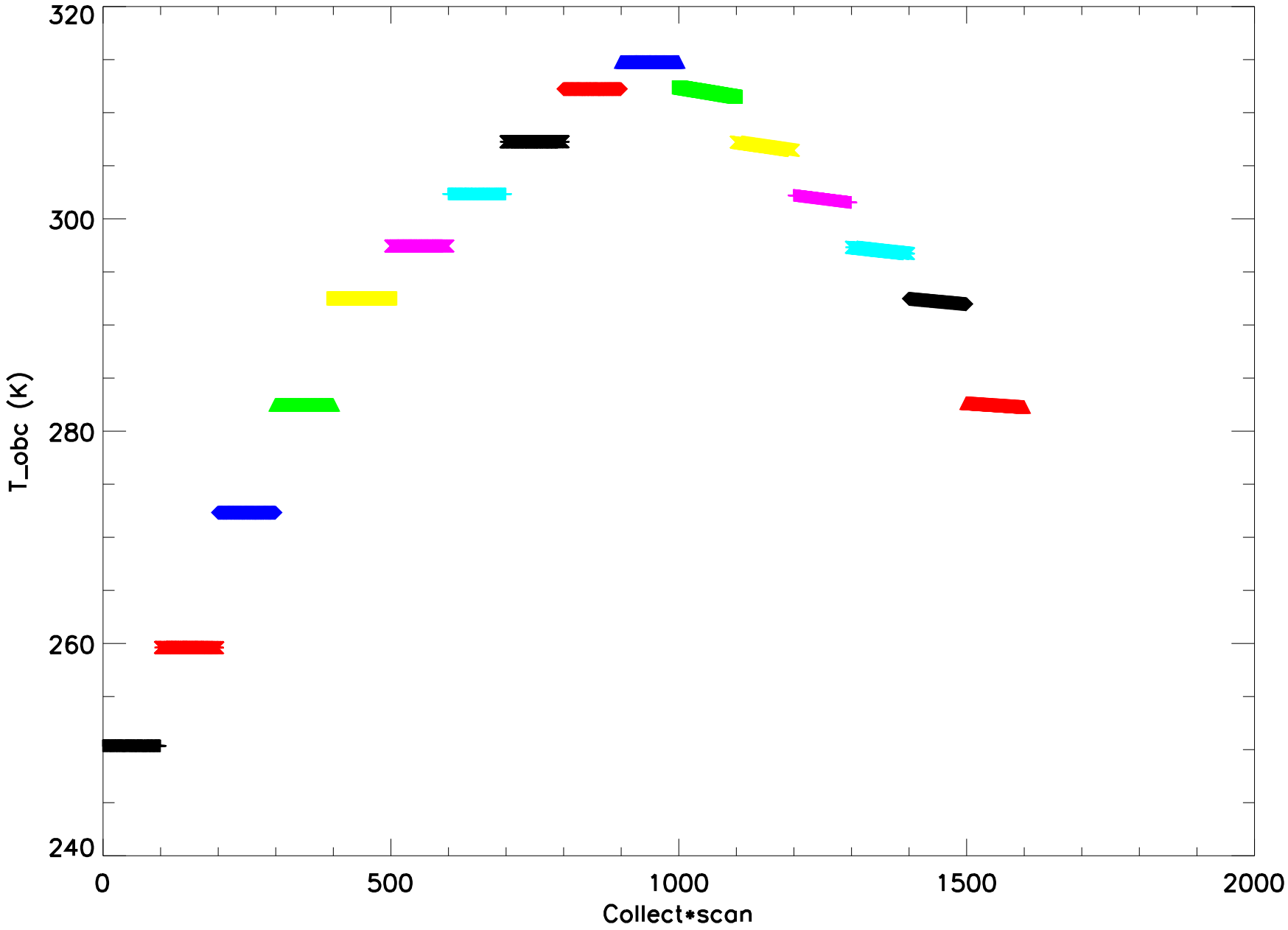

T_tmc vs Time
296.4
296.2
296.0
295.8
295.6
295.4
295.2
T_tmc (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

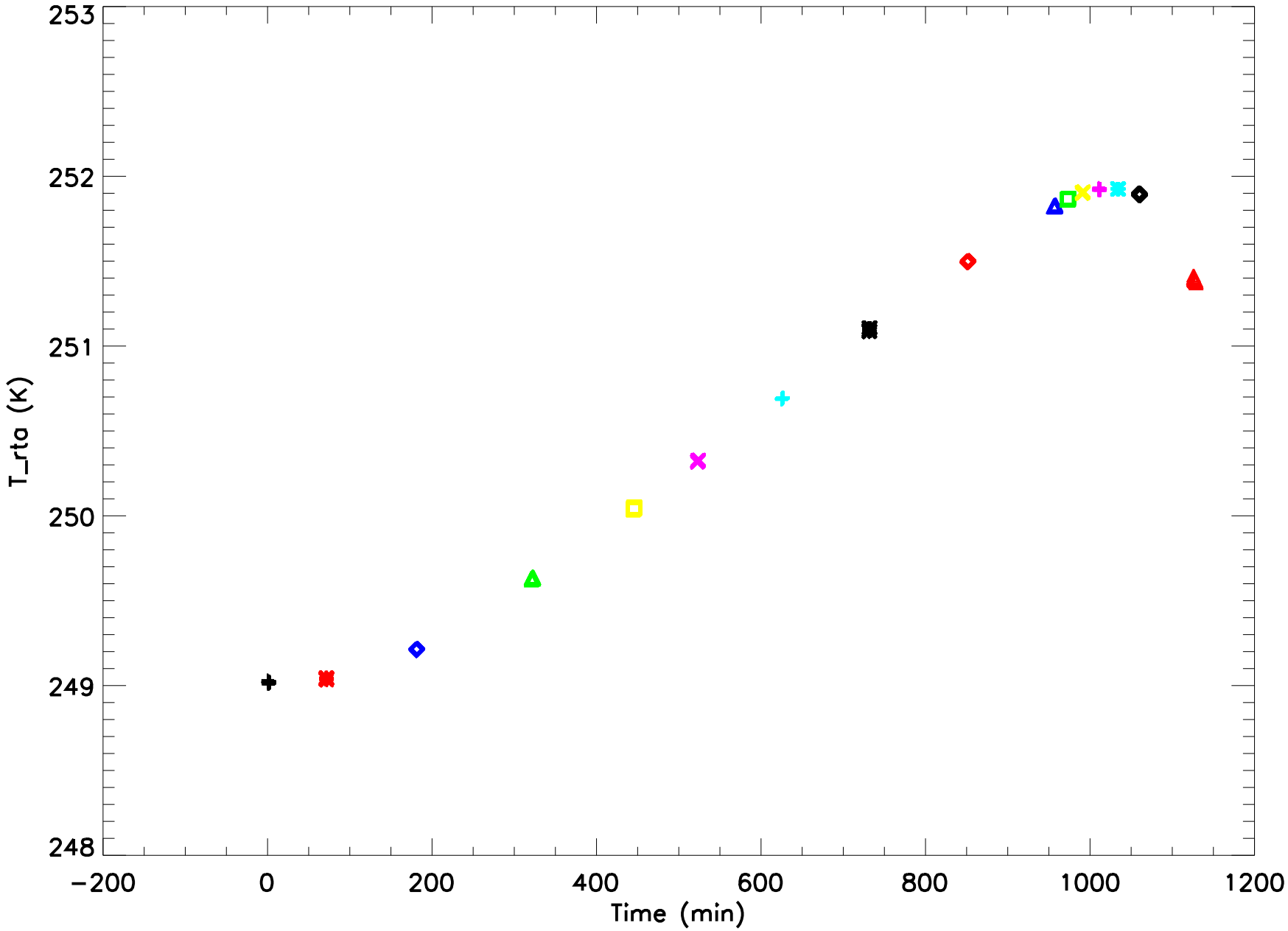

T_rta vs Scan and Collect
253
252
251
250
249
248
T_rta (K)
0
500
1000
1500
2000
Collect*scan

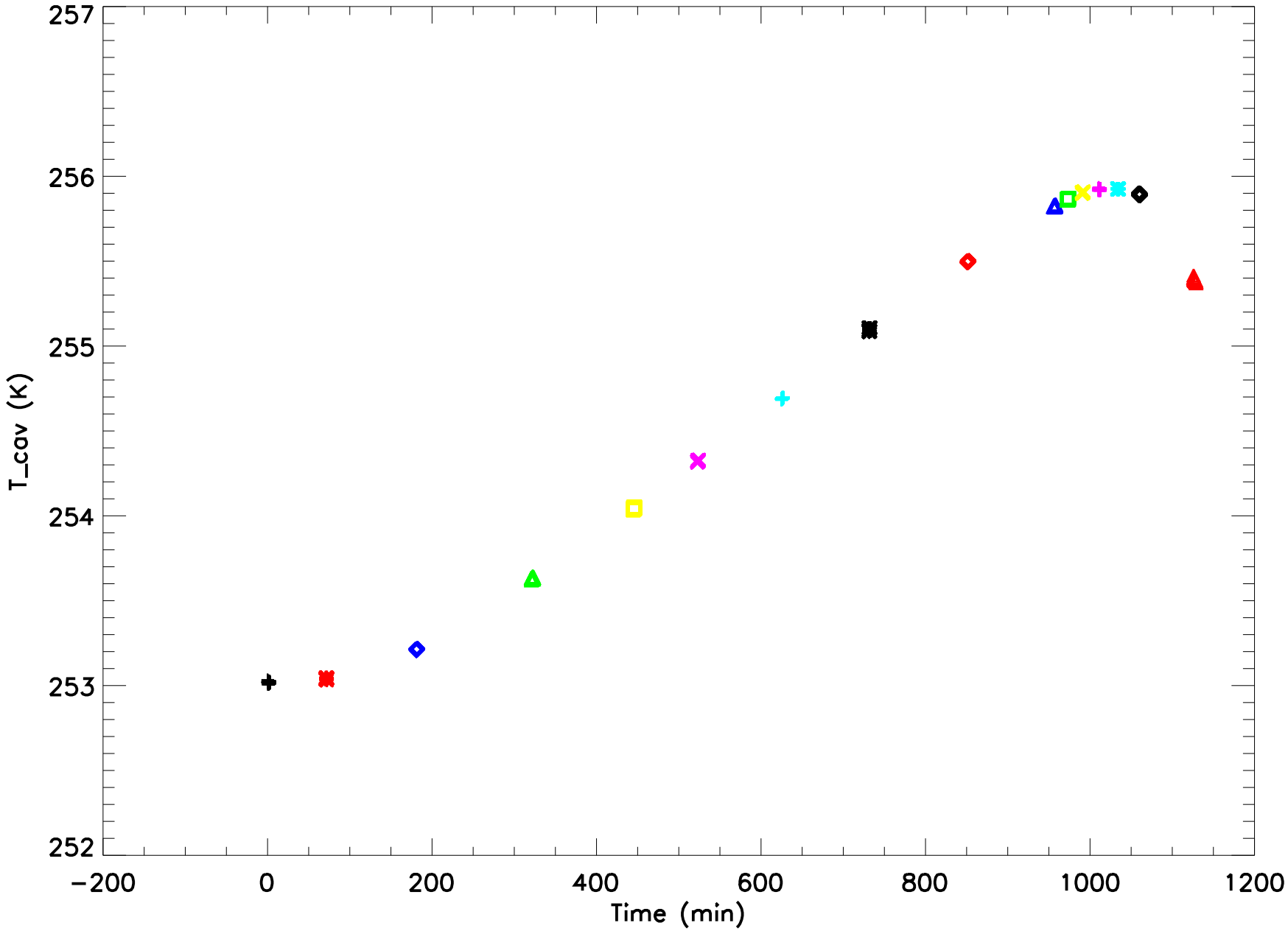

T_cav vs Scan and Collect
257
256
255
254
253
252
T_cav (K)
0
500
1000
1500
2000
Collect*scan

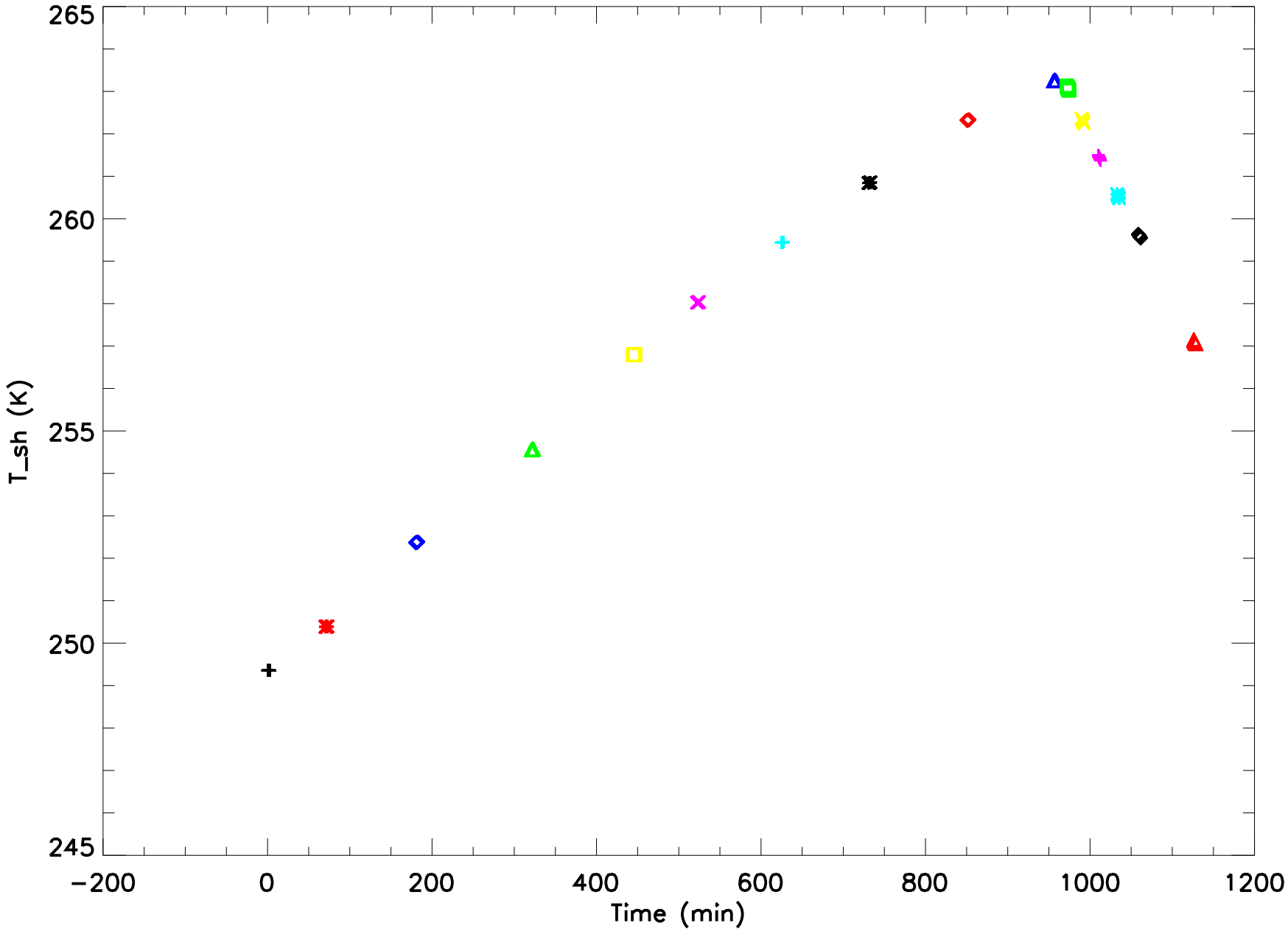

T_sh vs Scan and Collect
265
260
255
250
245
T_sh (K)
0
500
1000
1500
2000
Collect*scan

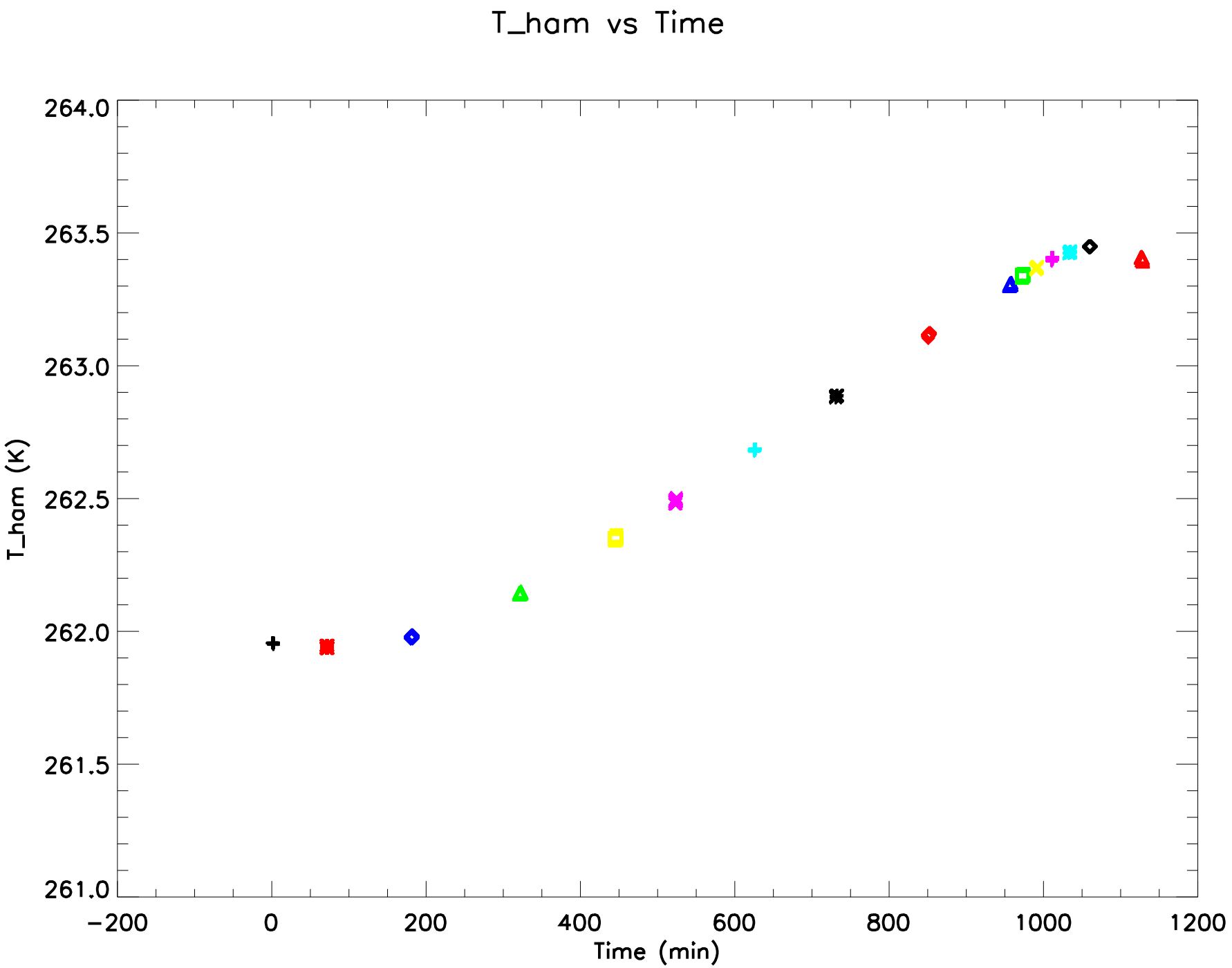

T_ham vs Scan and Collect
264.0
263.5
263.0
262.5
262.0
261.5
261.0
T_ham (K)
0
500
1000
1500
2000
Collect*scan

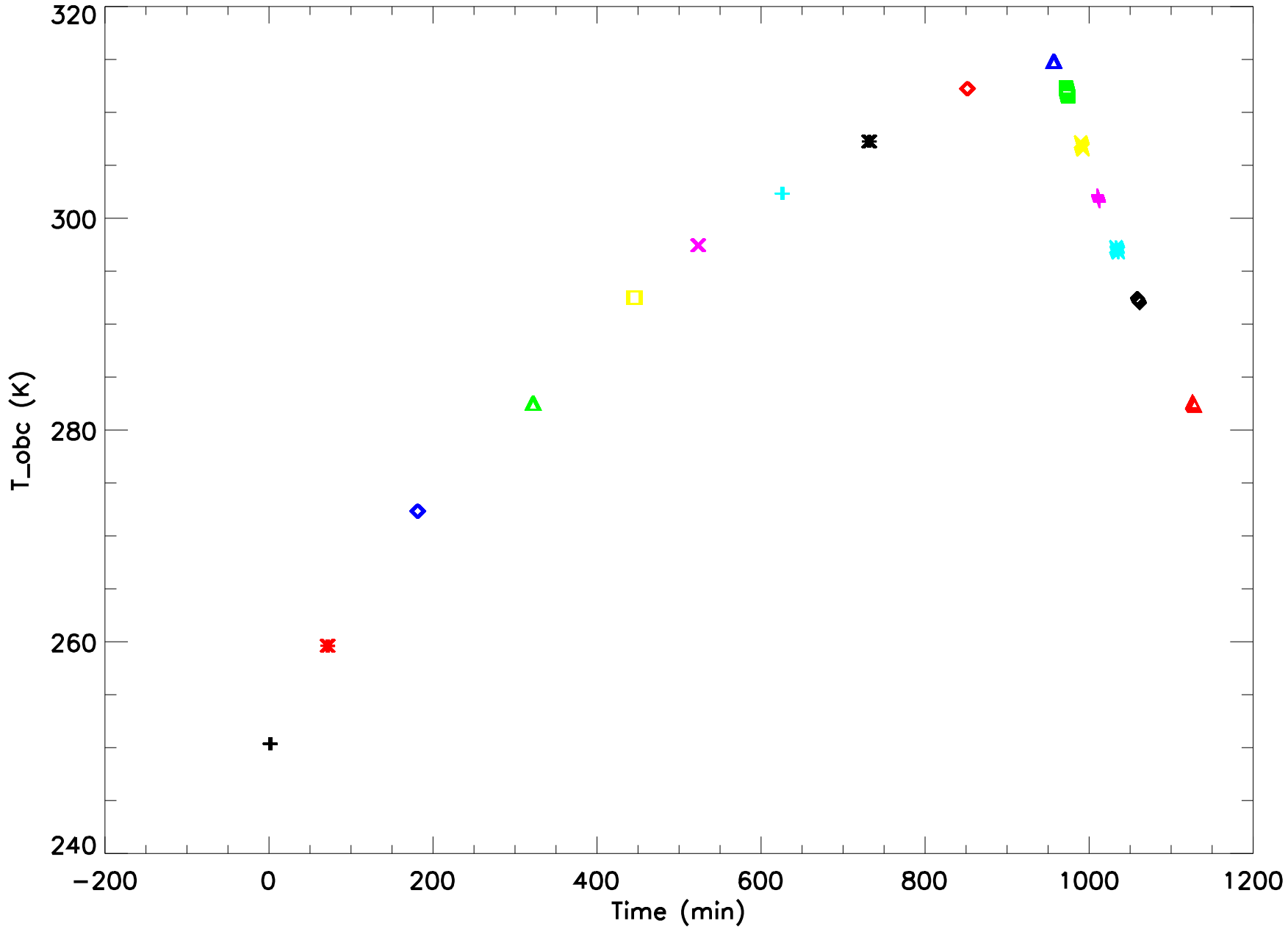

T_obc vs Scan and Collect
320
300
280
260
240
T_obc (K)
0
500
1000
1500
2000
Collect*scan

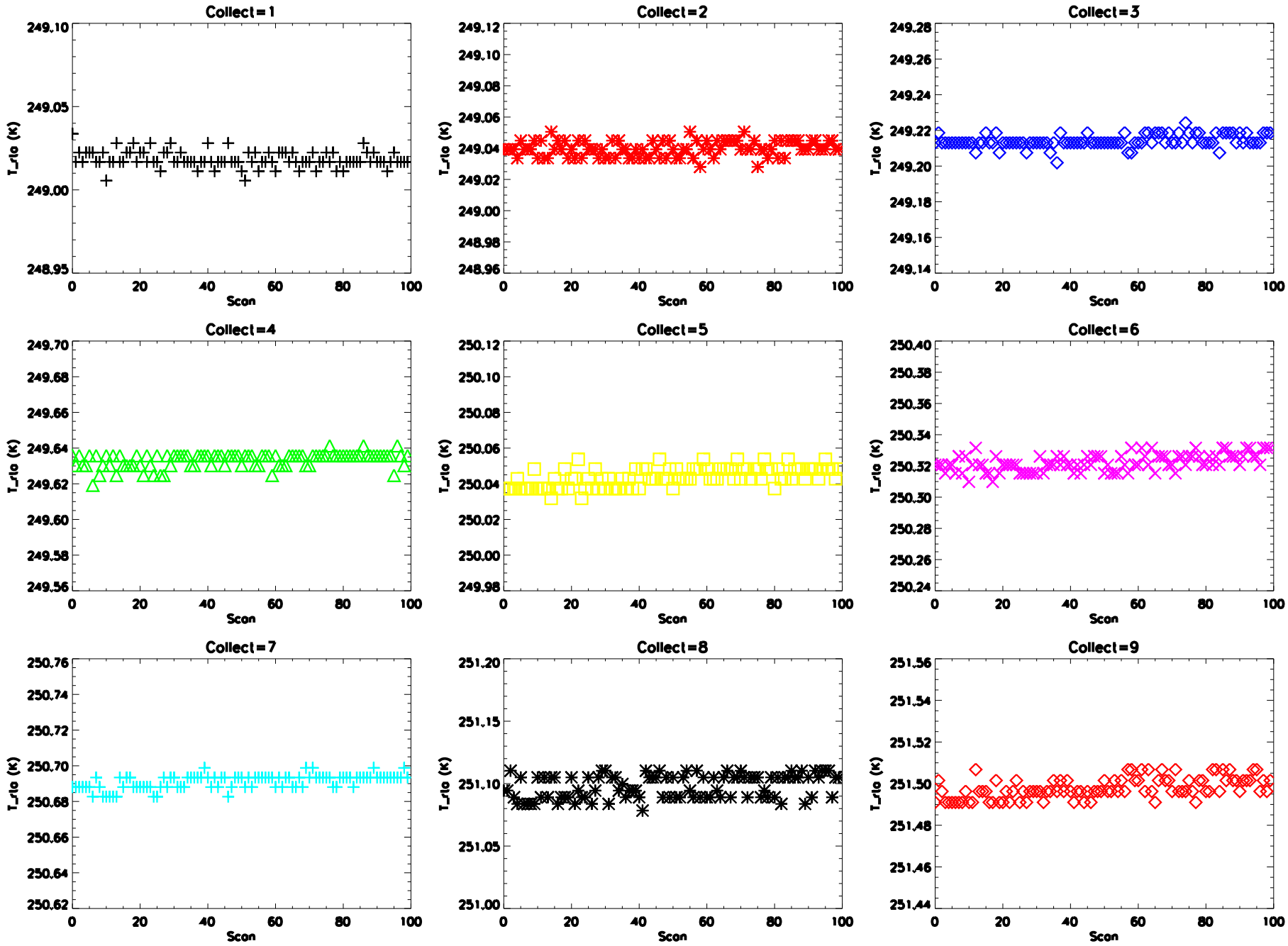

T_rta vs Time
253
252
251
250
249
248
T_rta (K)
−200
0
200
400
600
800
1000
1200
Time (min)


T_cav vs Time
257
256
255
254
253
252
T_cav (K)
−200
0
200
400
600
800
1000
1200
Time (min)

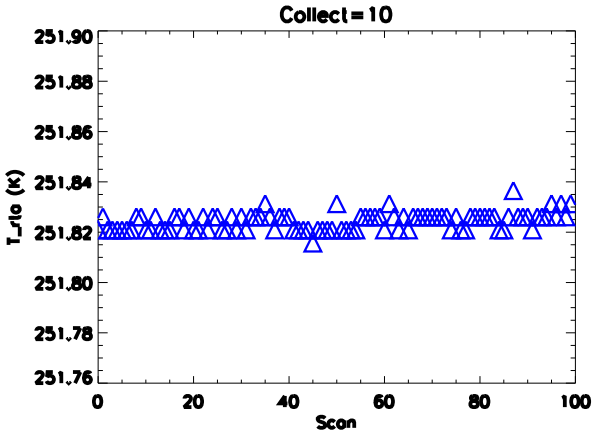

T_sh vs Time
265
260
255
250
245
T_sh (K)
−200
0
200
400
600
800
1000
1200
Time (min)

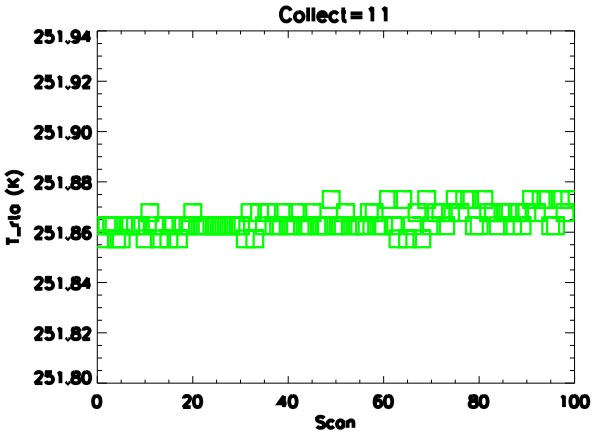

T_ham vs Time
264.0
263.5
263.0
262.5
262.0
261.5
261.0
T_ham (K)
−200
0
200
400
600
800
1000
1200
Time (min)

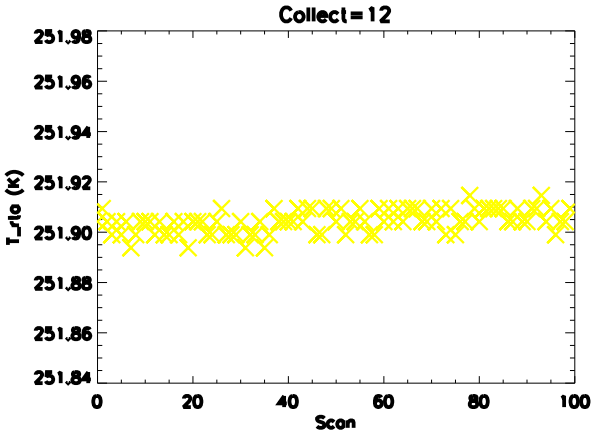

T_obc vs Time
320
300
280
260
240
T_obc (K)
−200
0
200
400
600
800
1000
1200
Time (min)

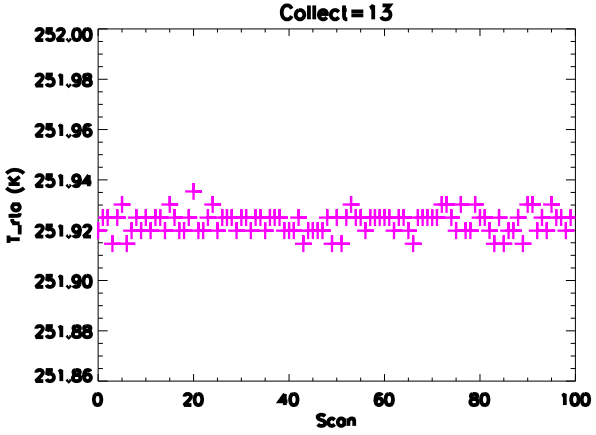

T_rta vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_rta (K)
Scan

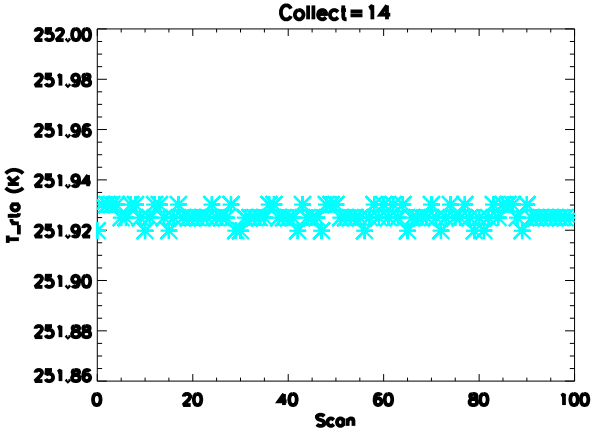
T_rta vs Scan

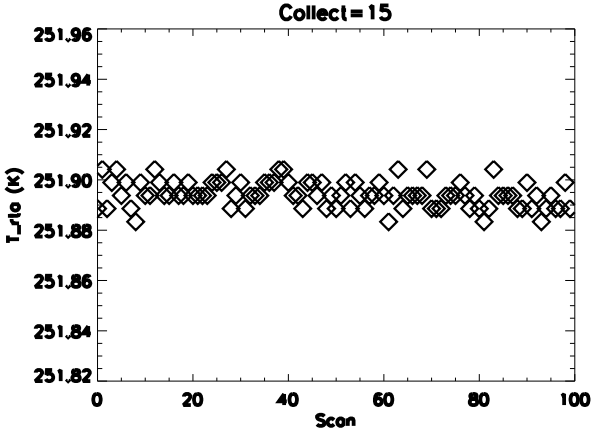

Collect = 10
T_rta (K)
Scan

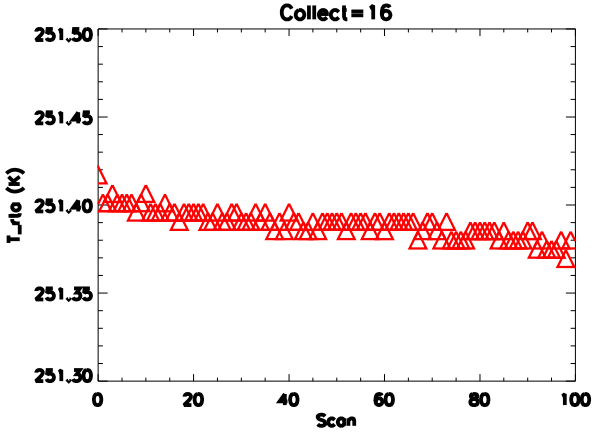

Collect = 11
T_rta (K)
Scan


Collect = 12
T_rta (K)
Scan

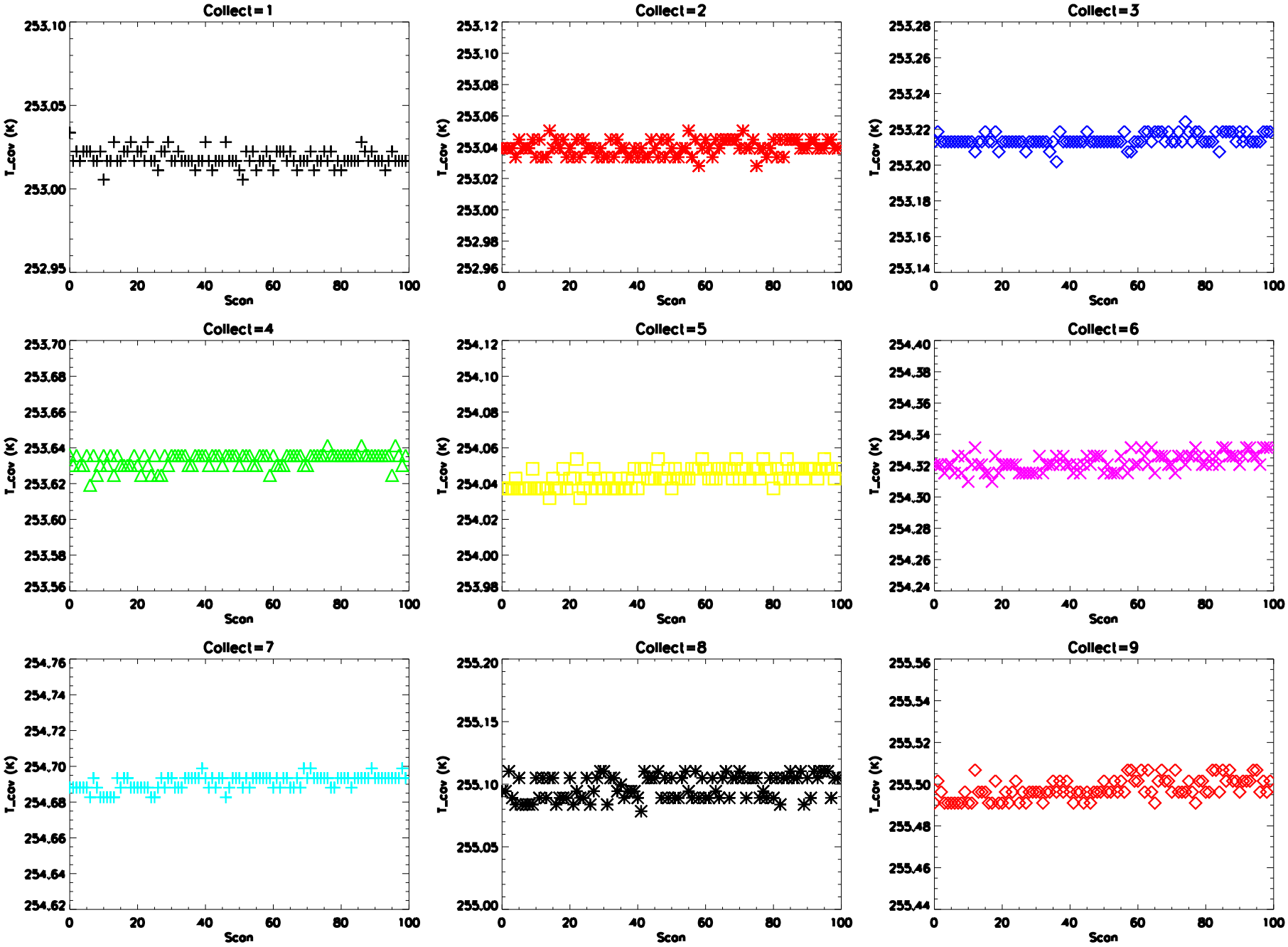

Collect = 13
T_rta (K)
Scan


Collect = 14
T_rta (K)
Scan

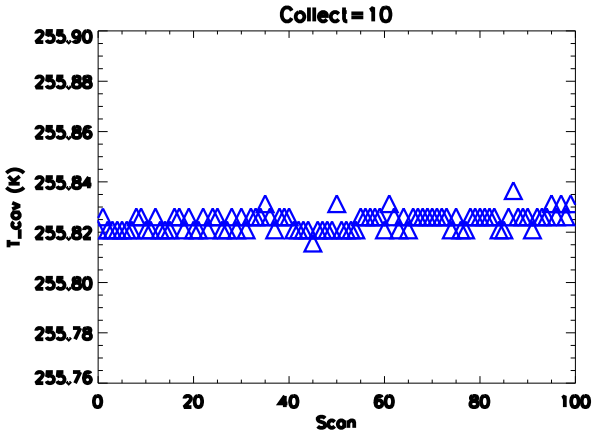

Collect = 15
T_rta (K)
Scan

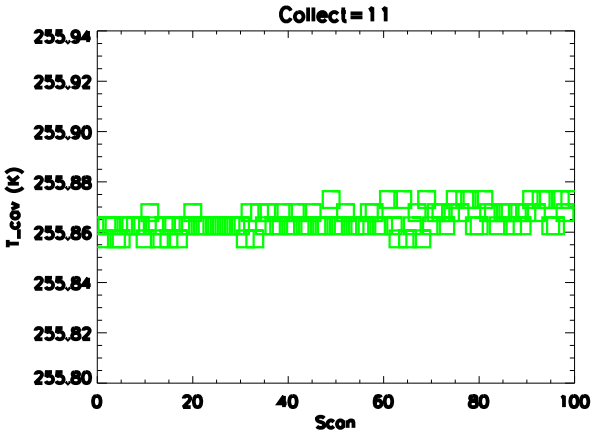

Collect = 16
T_rta (K)
Scan

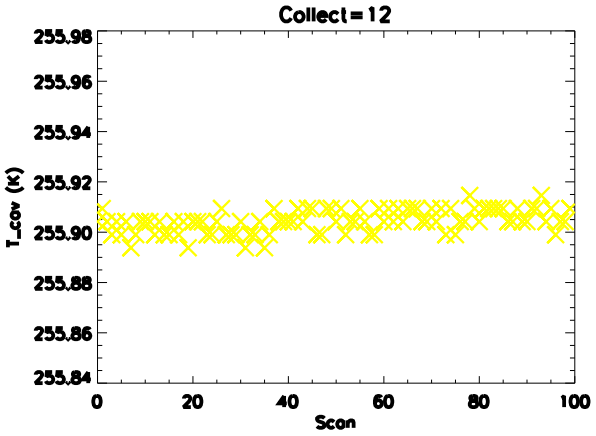
T_cav vs Scan

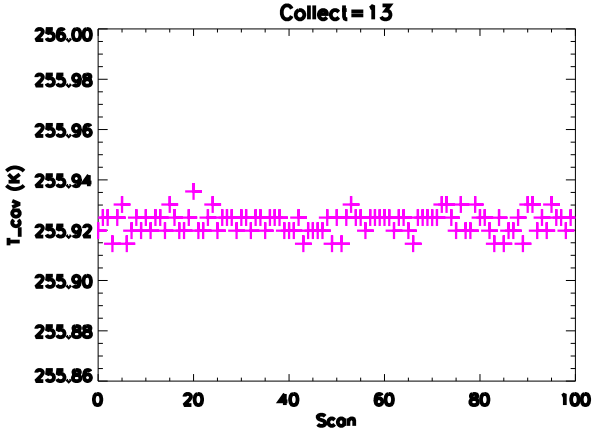

Collect=1
253.10
253.05
253.00
252.95
T_cav (K)
0
20
40
60
80
100
Scan
Collect=2
253.12
253.10
253.08
253.06
253.04
253.02
253.00
252.98
252.96
T_cav (K)
0
20
40
60
80
100
Scan
Collect=3
253.28
253.26
253.24
253.22
253.20
253.18
253.16
253.14
T_cav (K)
0
20
40
60
80
100
Scan
Collect=4
253.70
253.68
253.66
253.64
253.62
253.60
253.58
253.56
T_cav (K)
0
20
40
60
80
100
Scan
Collect=5
254.12
254.10
254.08
254.06
254.04
254.02
254.00
253.98
T_cav (K)
0
20
40
60
80
100
Scan
Collect=6
254.40
254.38
254.36
254.34
254.32
254.30
254.28
254.26
254.24
T_cav (K)
0
20
40
60
80
100
Scan
Collect=7
254.76
254.74
254.72
254.70
254.68
254.66
254.64
254.62
T_cav (K)
0
20
40
60
80
100
Scan
Collect=8
255.20
255.15
255.10
255.05
255.00
T_cav (K)
0
20
40
60
80
100
Scan
Collect=9
255.56
255.54
255.52
255.50
255.48
255.46
255.44
T_cav (K)
0
20
40
60
80
100
Scan

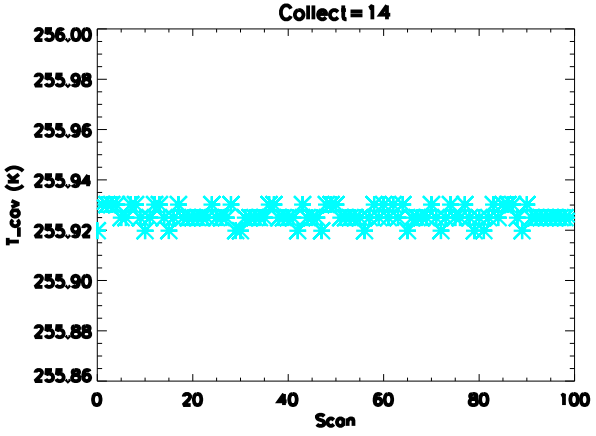
T_cav vs Scan

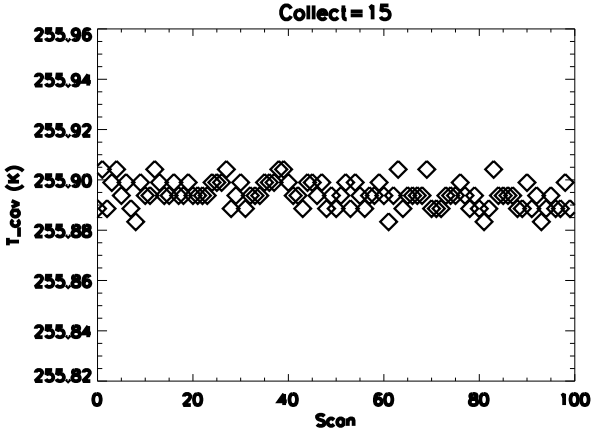

Collect = 10
T_cav (K)
255.90
255.88
255.86
255.84
255.82
255.80
255.78
255.76
0
20
40
60
80
100
Scan

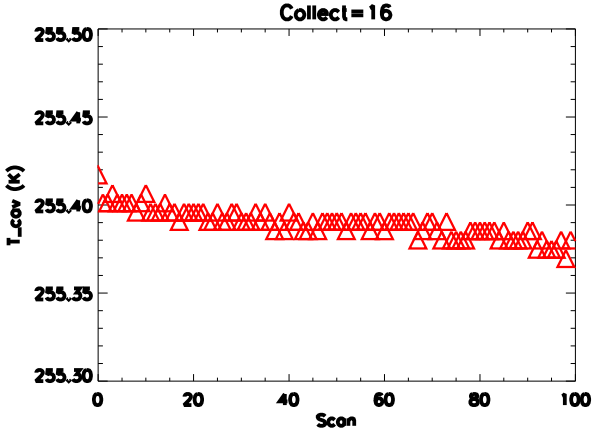

Collect = 11
T_cav (K)
255.94
255.92
255.90
255.88
255.86
255.84
255.82
255.80
0
20
40
60
80
100
Scan


Collect = 12
T_cav (K)
255.98
255.96
255.94
255.92
255.90
255.88
255.86
255.84
0
20
40
60
80
100
Scan

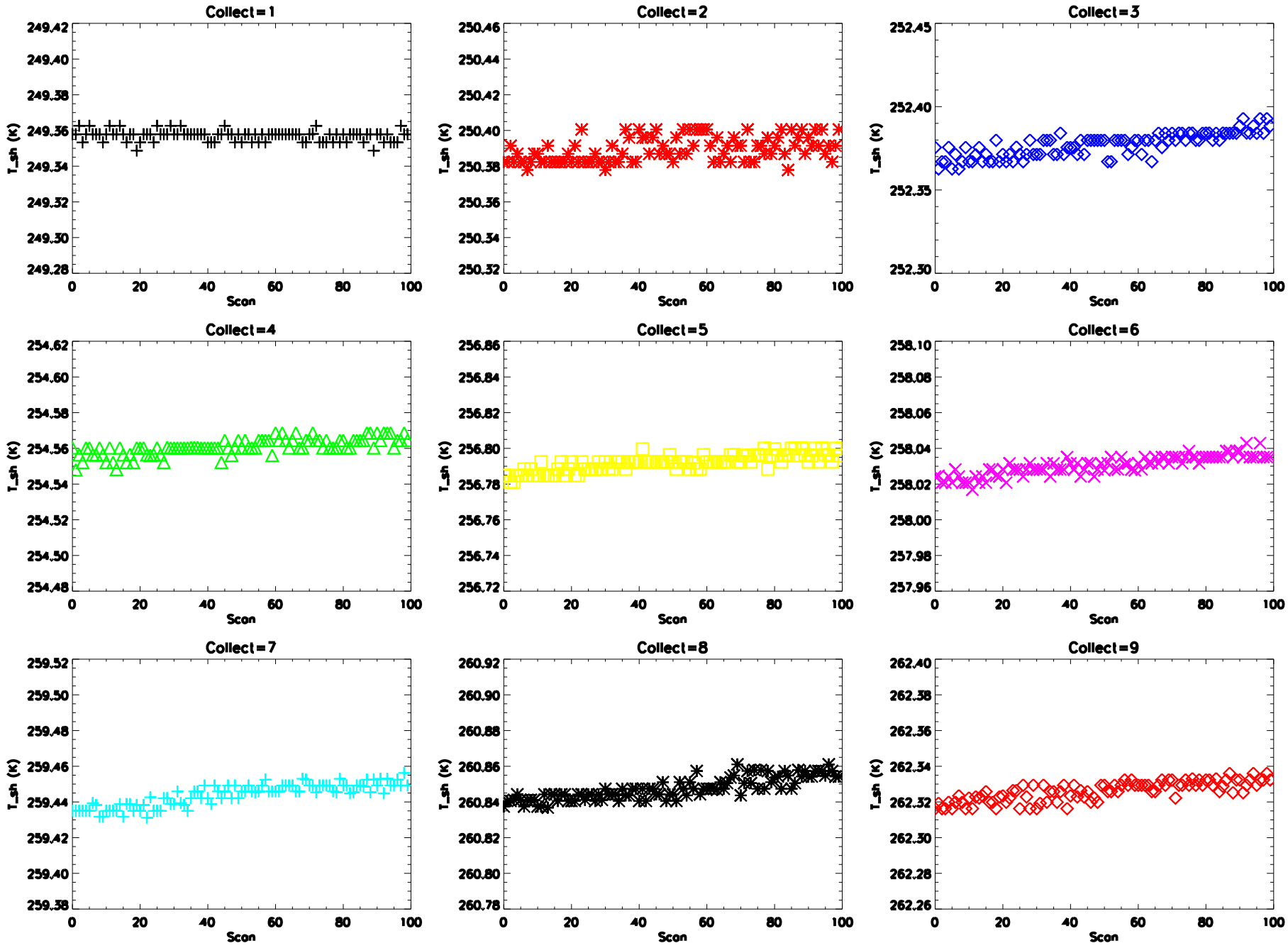

Collect = 13
T_cav (K)
256.00
255.98
255.96
255.94
255.92
255.90
255.88
255.86
0
20
40
60
80
100
Scan


Collect = 14
T_cav (K)
256.00
255.98
255.96
255.94
255.92
255.90
255.88
255.86
0
20
40
60
80
100
Scan

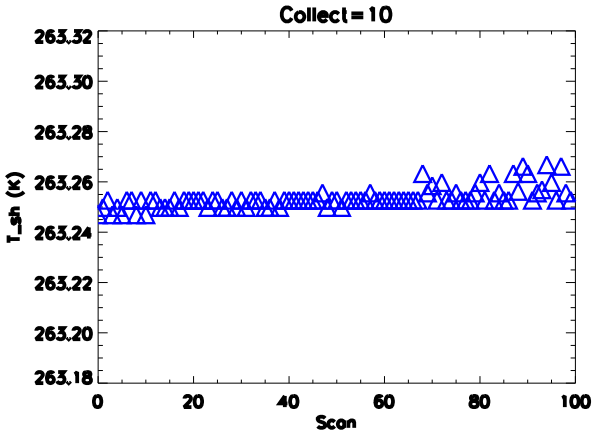

Collect = 15
T_cav (K)
255.96
255.94
255.92
255.90
255.88
255.86
255.84
255.82
0
20
40
60
80
100
Scan

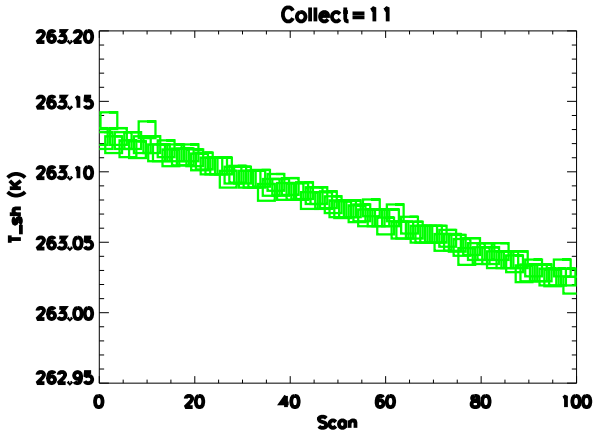

Collect = 16
T_cav (K)
255.50
255.45
255.40
255.35
255.30
0
20
40
60
80
100
Scan

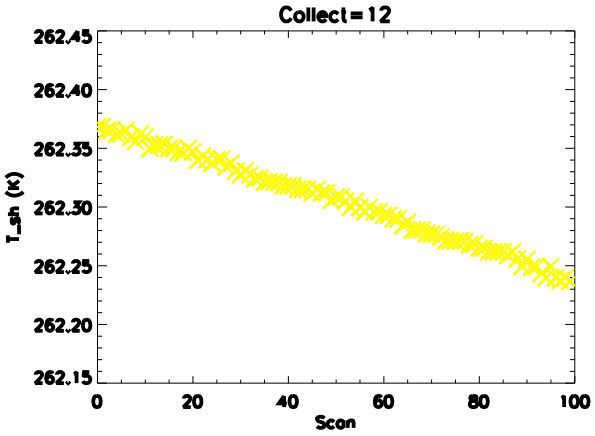
T_sh vs Scan

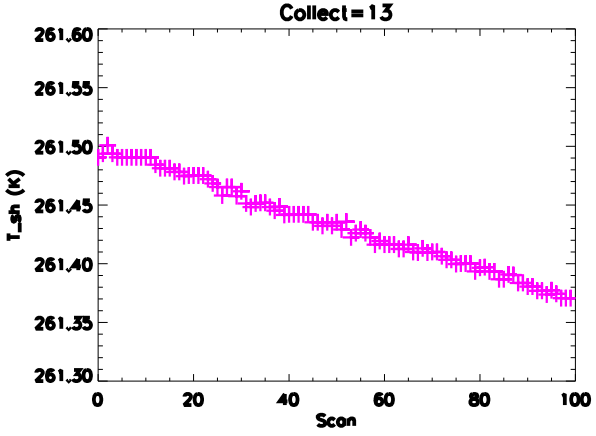

Collect=1
T_sh (K)
249.42
249.40
249.38
249.36
249.34
249.32
249.30
249.28
0
20
40
60
80
100
Scan
Collect=2
T_sh (K)
250.46
250.44
250.42
250.40
250.38
250.36
250.34
250.32
0
20
40
60
80
100
Scan
Collect=3
T_sh (K)
252.45
252.40
252.35
252.30
0
20
40
60
80
100
Scan
Collect=4
T_sh (K)
254.62
254.60
254.58
254.56
254.54
254.52
254.50
254.48
0
20
40
60
80
100
Scan
Collect=5
T_sh (K)
256.86
256.84
256.82
256.80
256.78
256.76
256.74
256.72
0
20
40
60
80
100
Scan
Collect=6
T_sh (K)
258.10
258.08
258.06
258.04
258.02
258.00
257.98
257.96
0
20
40
60
80
100
Scan
Collect=7
T_sh (K)
259.52
259.50
259.48
259.46
259.44
259.42
259.40
259.38
0
20
40
60
80
100
Scan
Collect=8
T_sh (K)
260.92
260.90
260.88
260.86
260.84
260.82
260.80
260.78
0
20
40
60
80
100
Scan
Collect=9
T_sh (K)
262.40
262.38
262.36
262.34
262.32
262.30
262.28
262.26
0
20
40
60
80
100
Scan

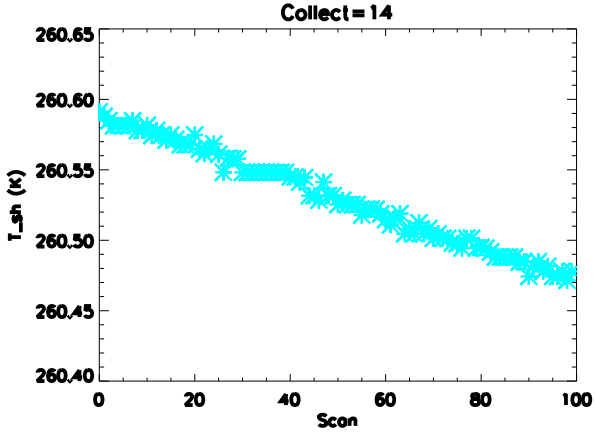
T_sh vs Scan

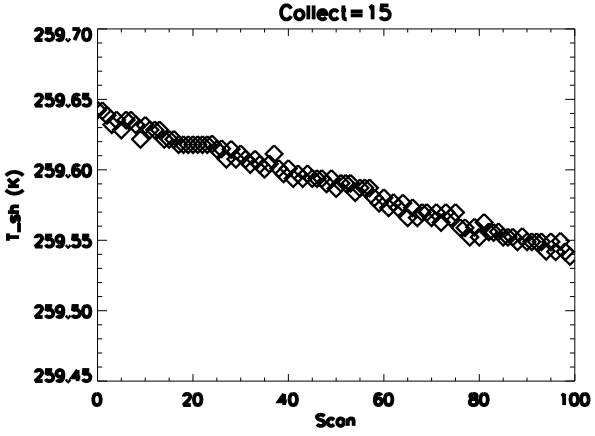

Collect = 10
T_sh (K)
263.32
263.30
263.28
263.26
263.24
263.22
263.20
263.18
0
20
40
60
80
100
Scan

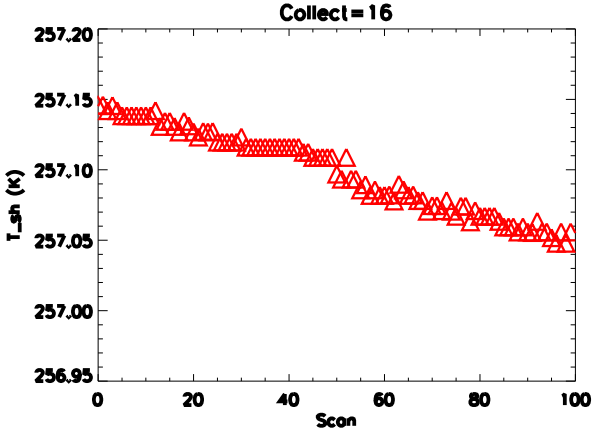

Collect = 11
T_sh (K)
263.20
263.15
263.10
263.05
263.00
262.95
0
20
40
60
80
100
Scan


Collect = 12
T_sh (K)
262.45
262.40
262.35
262.30
262.25
262.20
262.15
0
20
40
60
80
100
Scan

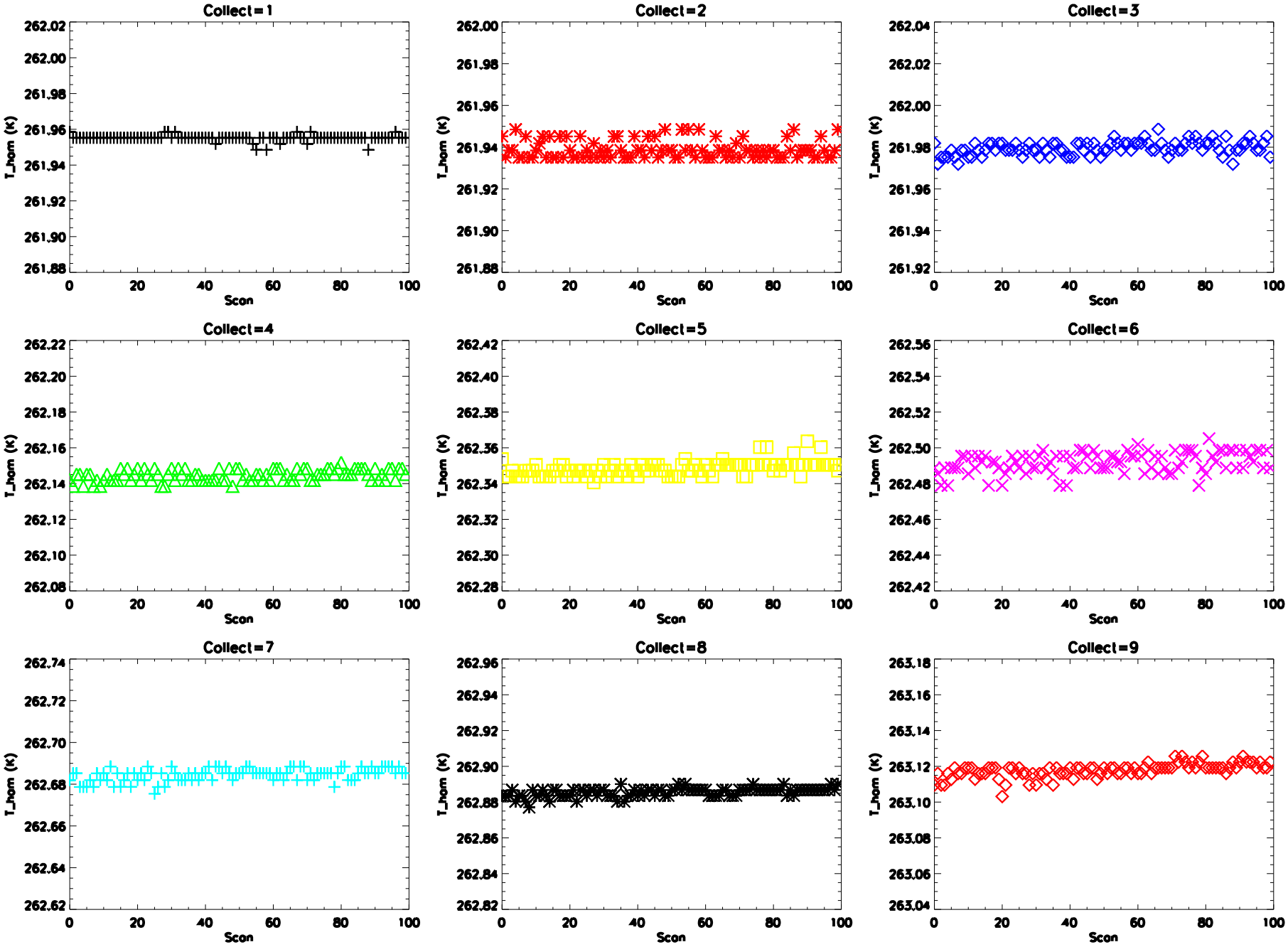

Collect = 13
T_sh (K)
261.60
261.55
261.50
261.45
261.40
261.35
261.30
0
20
40
60
80
100
Scan


Collect = 14
T_sh (K)
260.65
260.60
260.55
260.50
260.45
260.40
0
20
40
60
80
100
Scan

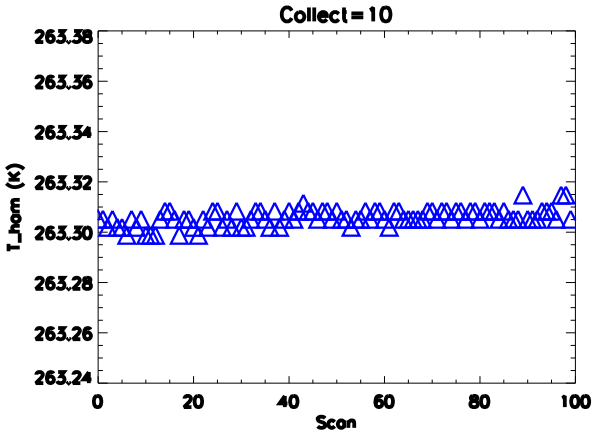

Collect = 15
T_sh (K)
259.70
259.65
259.60
259.55
259.50
259.45
0
20
40
60
80
100
Scan

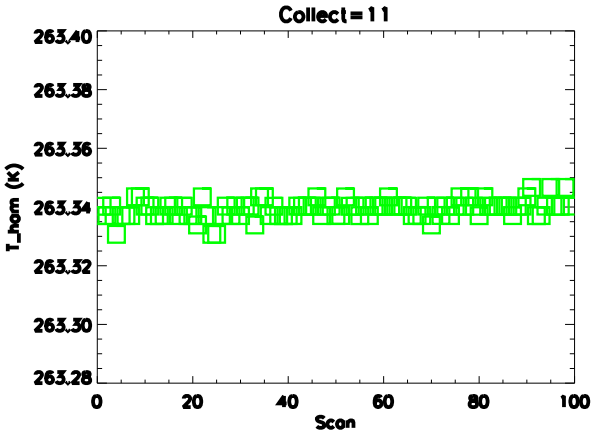

Collect = 16
T_sh (K)
257.20
257.15
257.10
257.05
257.00
256.95
0
20
40
60
80
100
Scan

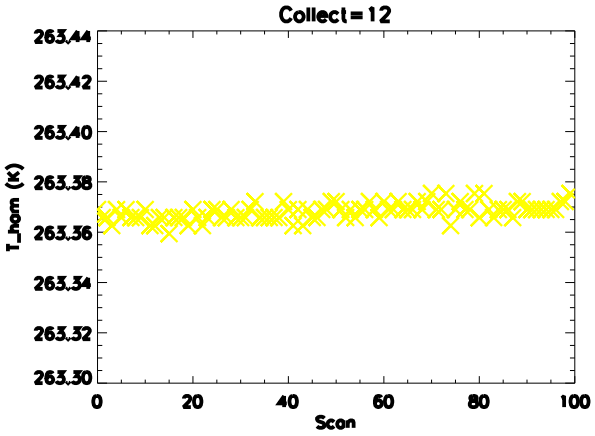
T_ham vs Scan

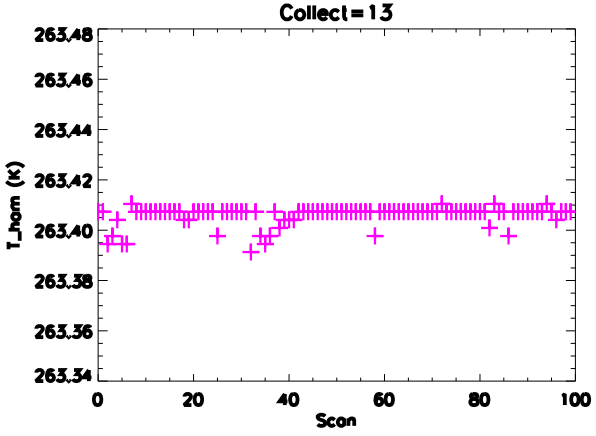

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_ham (K)
Scan

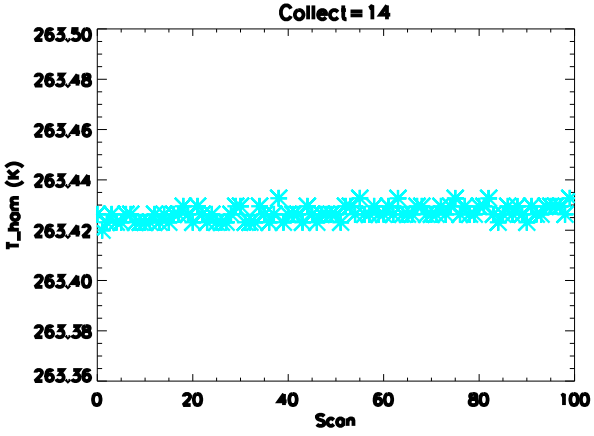
T_ham vs Scan

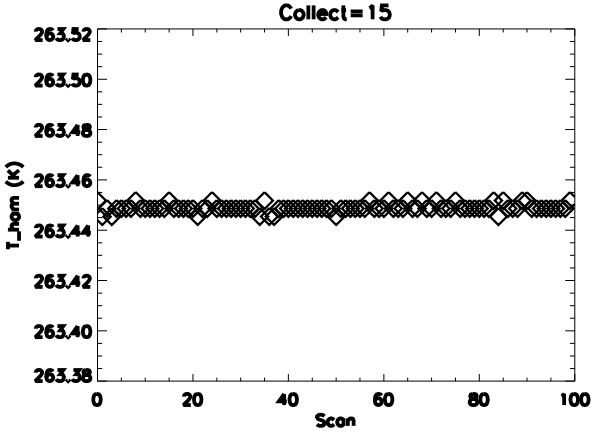

Collect = 10
T_ham (K)
263.38
263.36
263.34
263.32
263.30
263.28
263.26
263.24
0
20
40
60
80
100
Scan

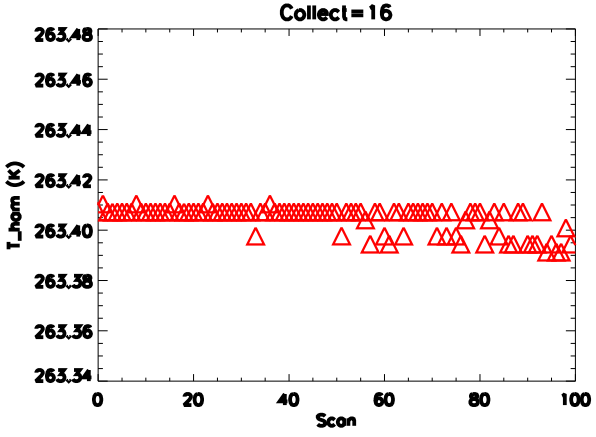

Collect = 11
T_ham (K)
263.40
263.38
263.36
263.34
263.32
263.30
263.28
0
20
40
60
80
100
Scan


Collect = 12
T_ham (K)
263.44
263.42
263.40
263.38
263.36
263.34
263.32
263.30
0
20
40
60
80
100
Scan

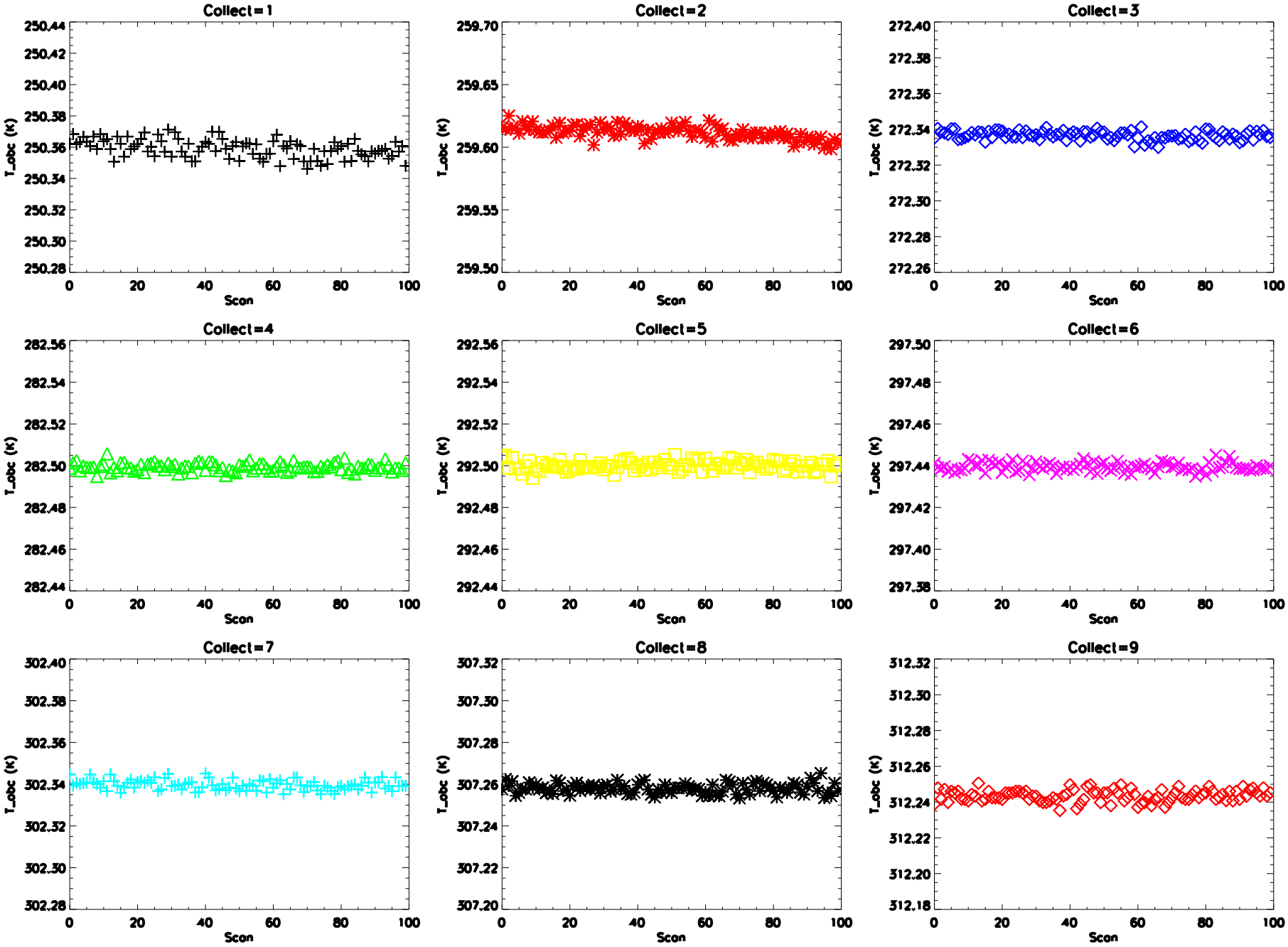

Collect = 13
T_ham (K)
263.48
263.46
263.44
263.42
263.40
263.38
263.36
263.34
0
20
40
60
80
100
Scan


Collect = 14
T_ham (K)
263.50
263.48
263.46
263.44
263.42
263.40
263.38
263.36
0
20
40
60
80
100
Scan

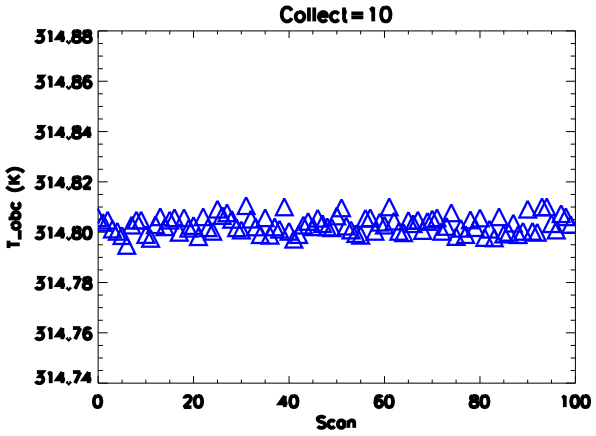

Collect = 15
T_ham (K)
263.52
263.50
263.48
263.46
263.44
263.42
263.40
263.38
0
20
40
60
80
100
Scan

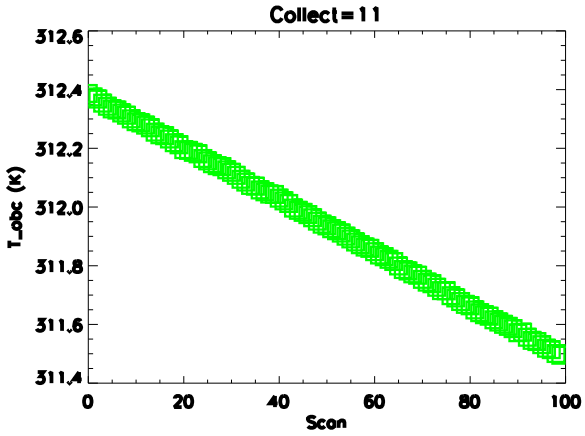

Collect = 16
T_ham (K)
263.48
263.46
263.44
263.42
263.40
263.38
263.36
263.34
0
20
40
60
80
100
Scan

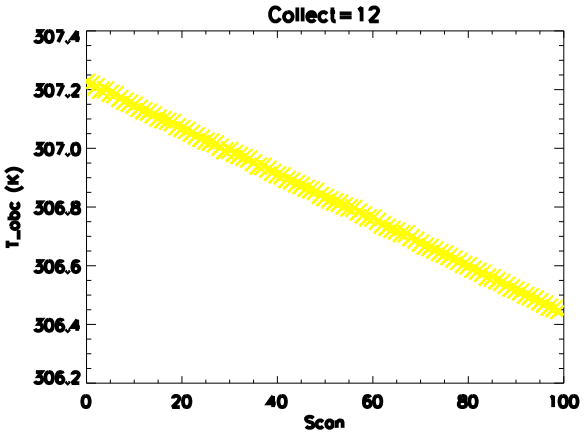
T_obc vs Scan

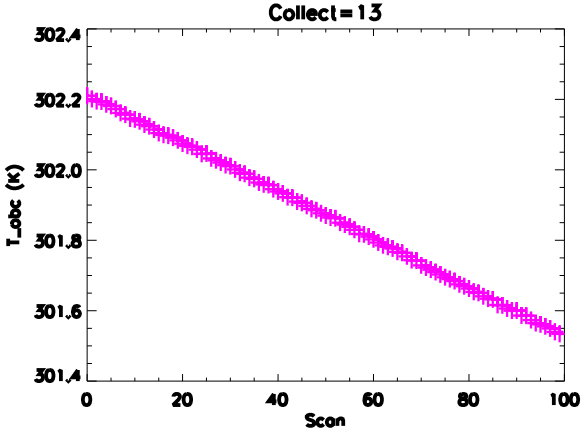

Collect=1
250.44
250.42
250.40
250.38
250.36
250.34
250.32
250.30
250.28
T_obc (K)
0
20
40
60
80
100
Scan
Collect=2
259.70
259.65
259.60
259.55
259.50
T_obc (K)
0
20
40
60
80
100
Scan
Collect=3
272.40
272.38
272.36
272.34
272.32
272.30
272.28
272.26
T_obc (K)
0
20
40
60
80
100
Scan
Collect=4
282.56
282.54
282.52
282.50
282.48
282.46
282.44
T_obc (K)
0
20
40
60
80
100
Scan
Collect=5
292.56
292.54
292.52
292.50
292.48
292.46
292.44
T_obc (K)
0
20
40
60
80
100
Scan
Collect=6
297.50
297.48
297.46
297.44
297.42
297.40
297.38
T_obc (K)
0
20
40
60
80
100
Scan
Collect=7
302.40
302.38
302.36
302.34
302.32
302.30
302.28
T_obc (K)
0
20
40
60
80
100
Scan
Collect=8
307.32
307.30
307.28
307.26
307.24
307.22
307.20
T_obc (K)
0
20
40
60
80
100
Scan
Collect=9
312.32
312.30
312.28
312.26
312.24
312.22
312.20
312.18
T_obc (K)
0
20
40
60
80
100
Scan

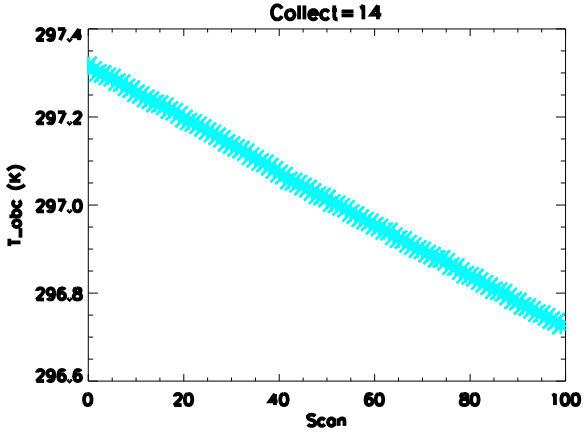
T_obc vs Scan

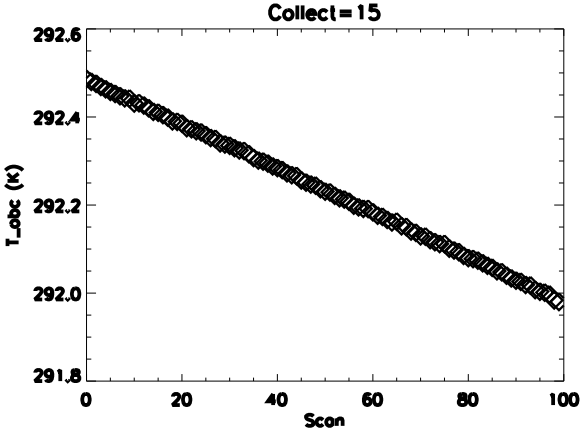

Collect=10
T_obc (K)
Scan
314.88
314.86
314.84
314.82
314.80
314.78
314.76
314.74
0
20
40
60
80
100

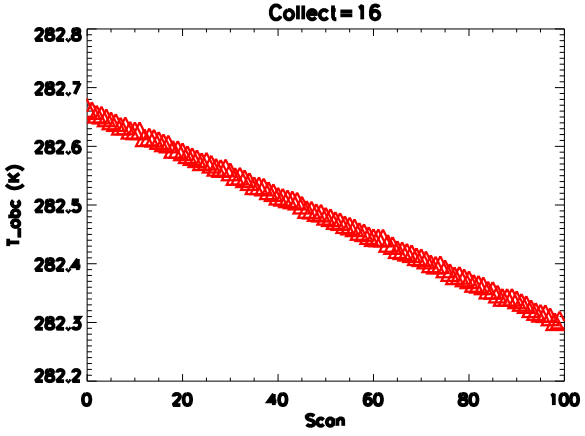

Collect=11
T_obc (K)
Scan
312.6
312.4
312.2
312.0
311.8
311.6
311.4
0
20
40
60
80
100

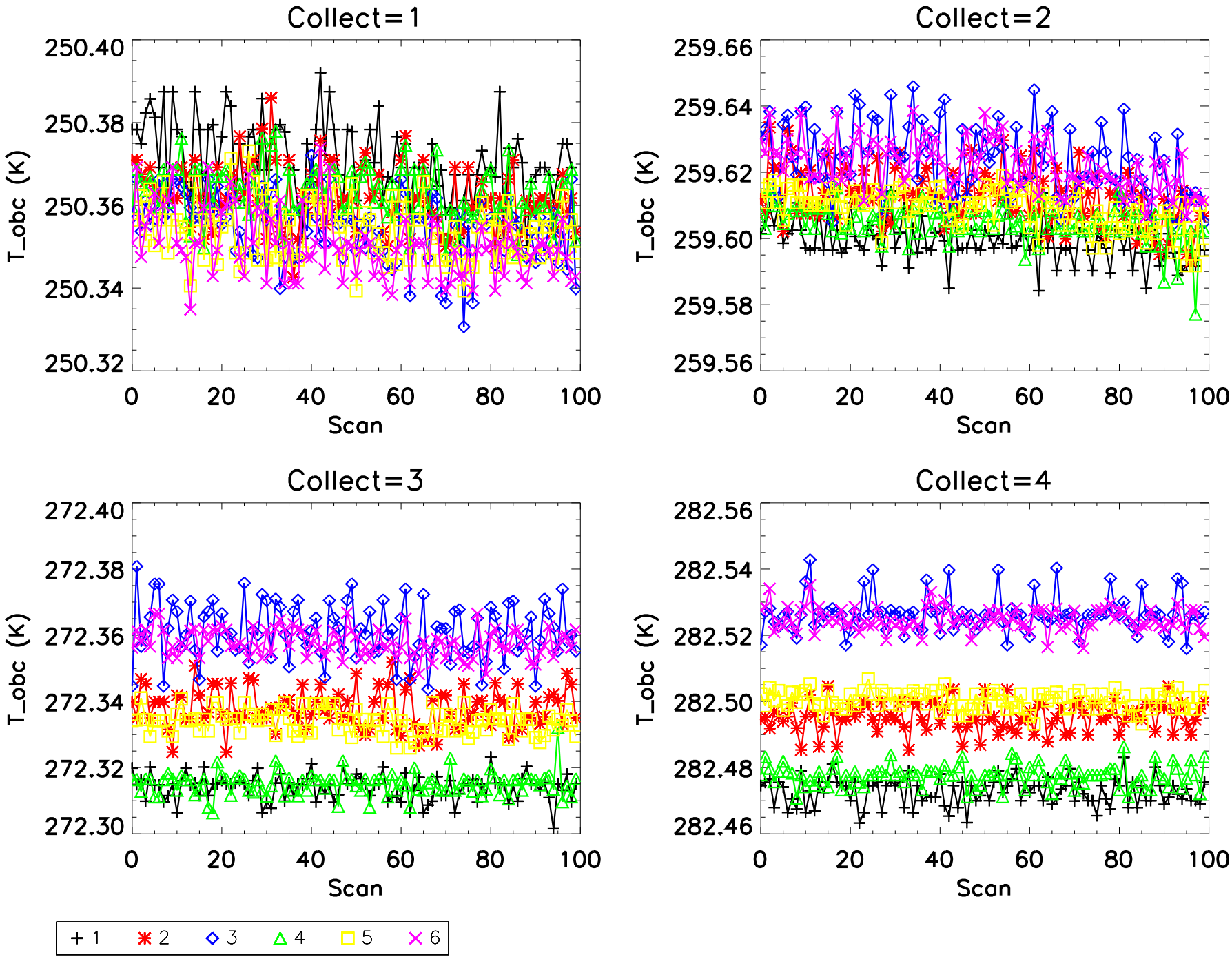

Collect=12
T_obc (K)
Scan
307.4
307.2
307.0
306.8
306.6
306.4
306.2
0
20
40
60
80
100

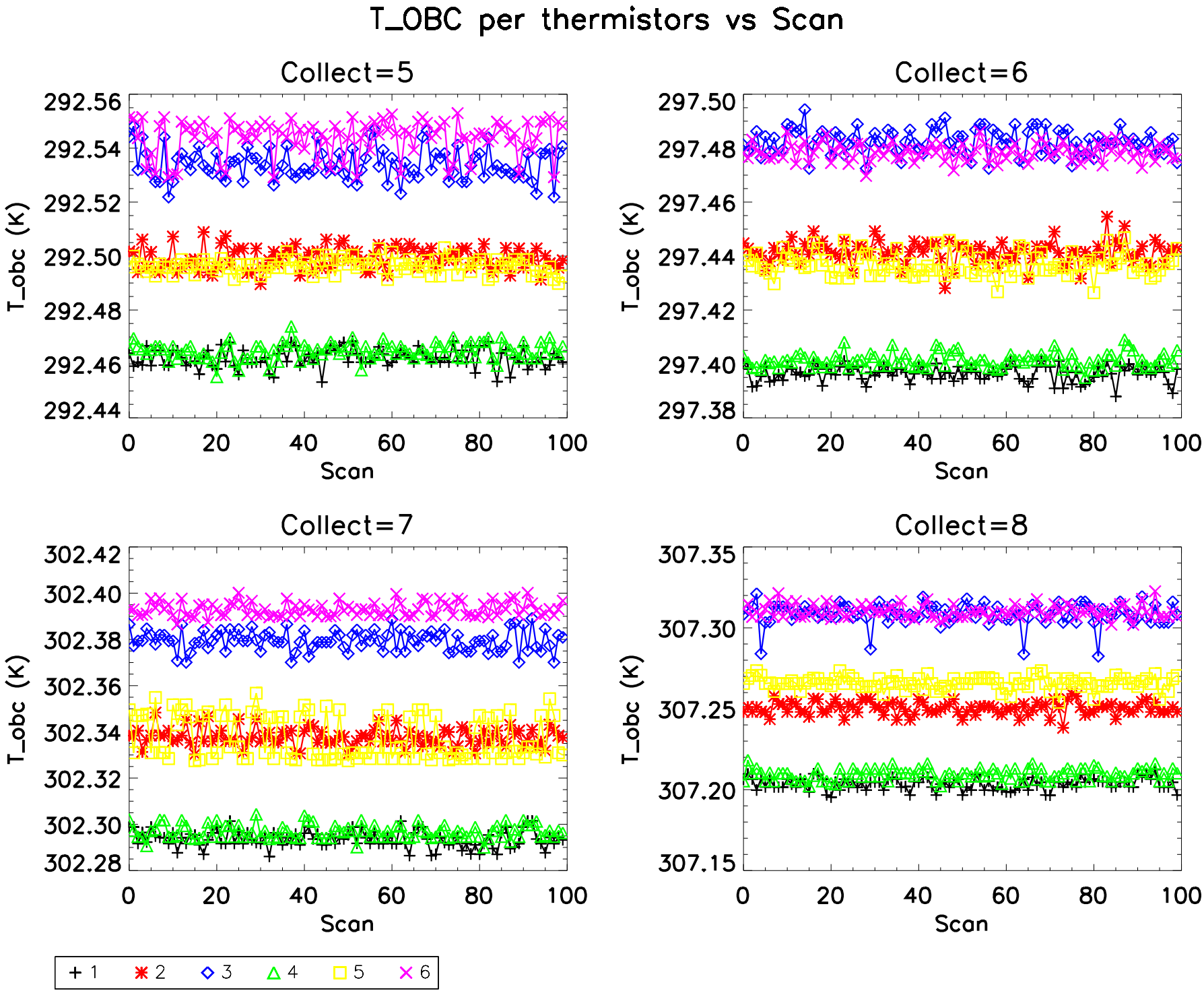

Collect=13
T_obc (K)
Scan
302.4
302.2
302.0
301.8
301.6
301.4
0
20
40
60
80
100

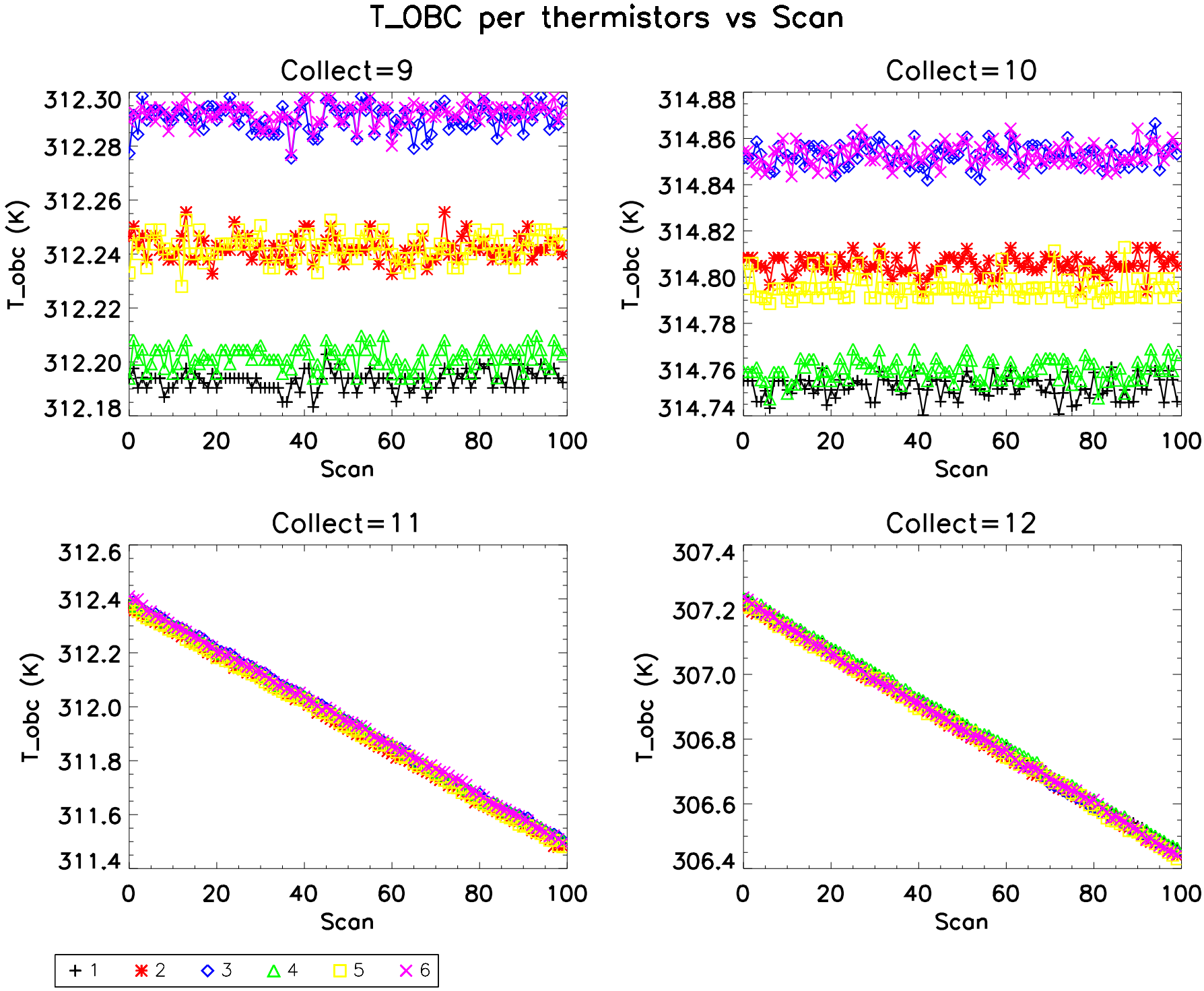

Collect=14
T_obc (K)
Scan
297.4
297.2
297.0
296.8
296.6
0
20
40
60
80
100

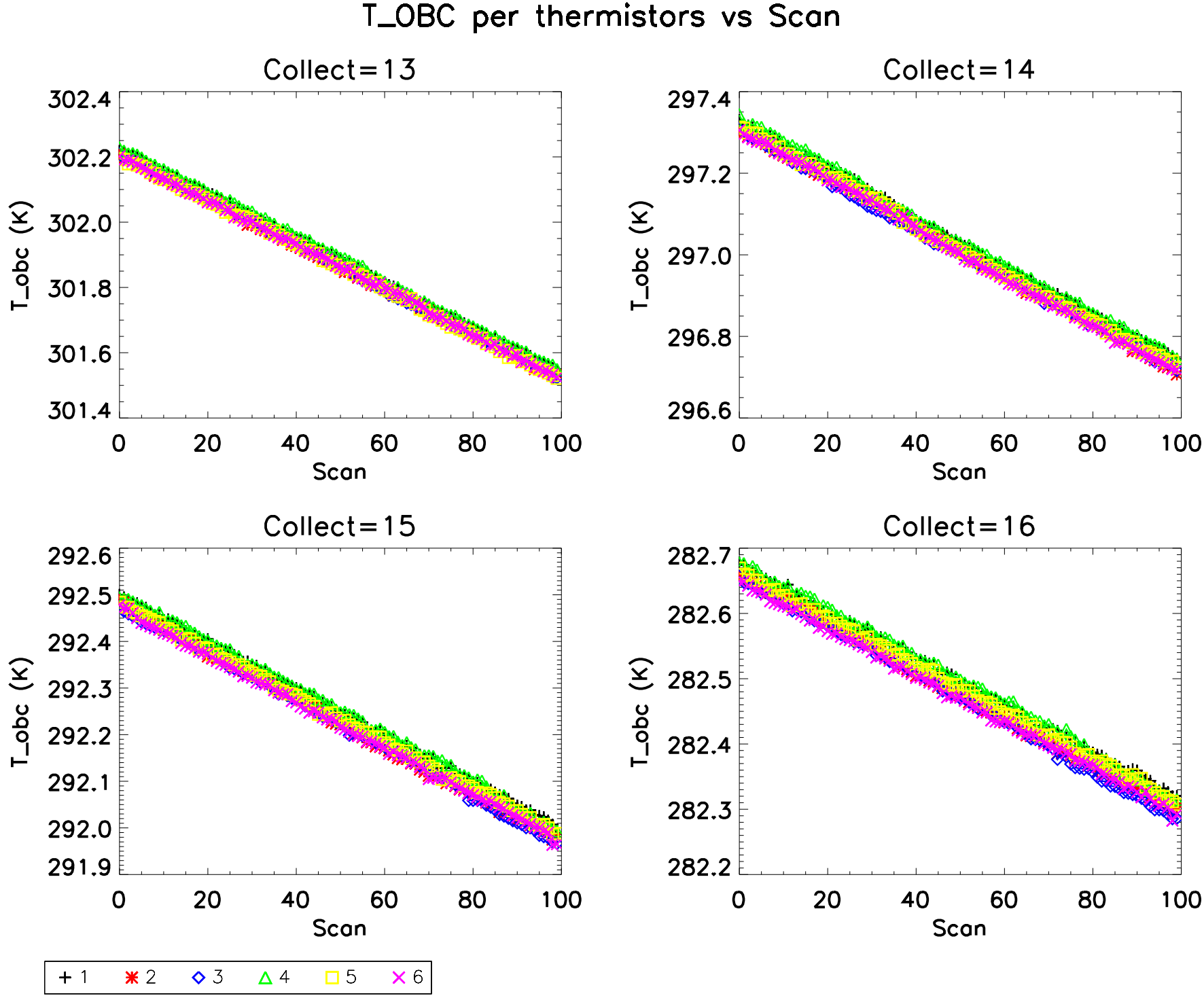

Collect=15
T_obc (K)
Scan
292.6
292.4
292.2
292.0
291.8
0
20
40
60
80
100

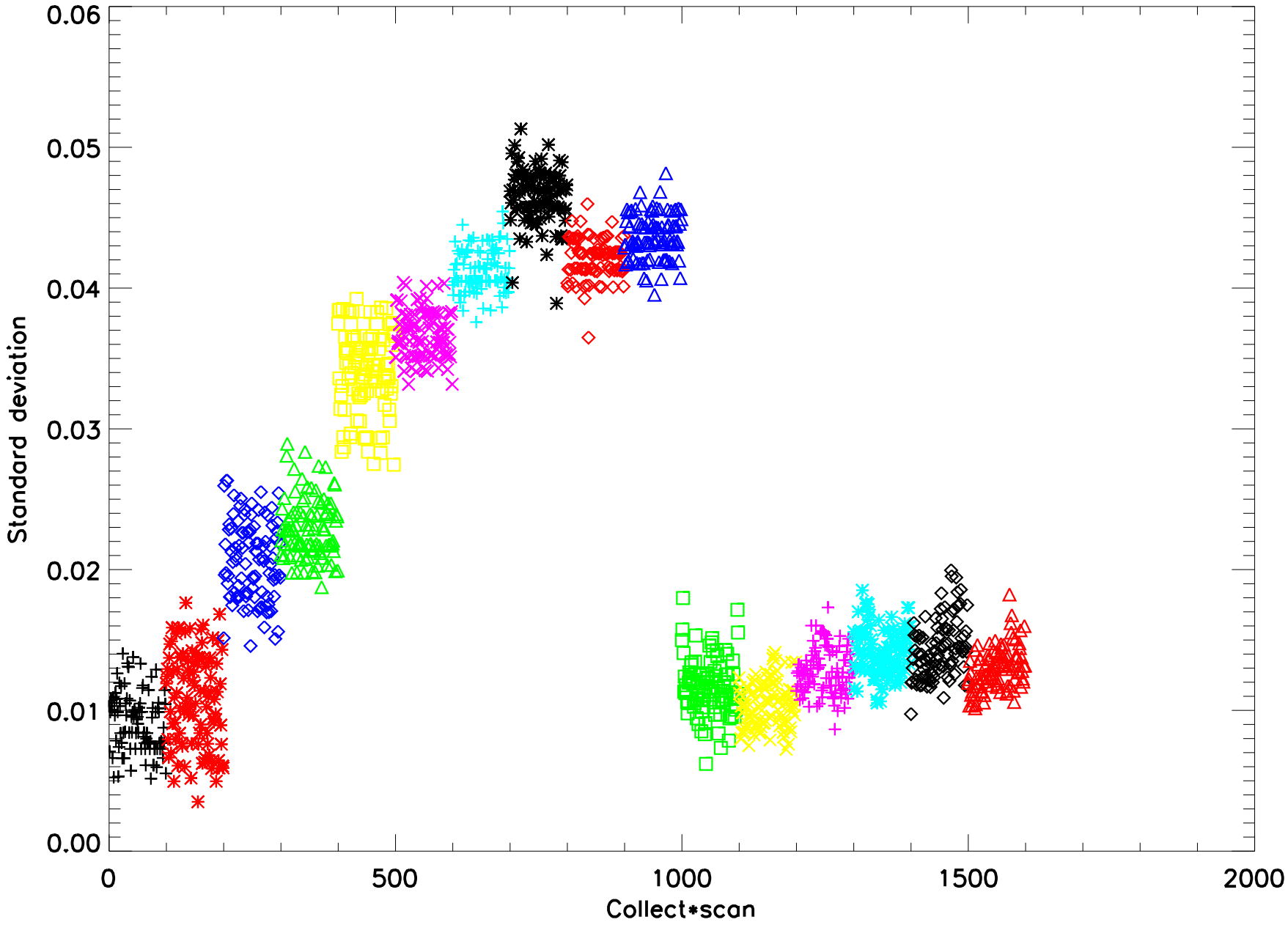

Collect=16
T_obc (K)
Scan
282.8
282.7
282.6
282.5
282.4
282.3
282.2
0
20
40
60
80
100

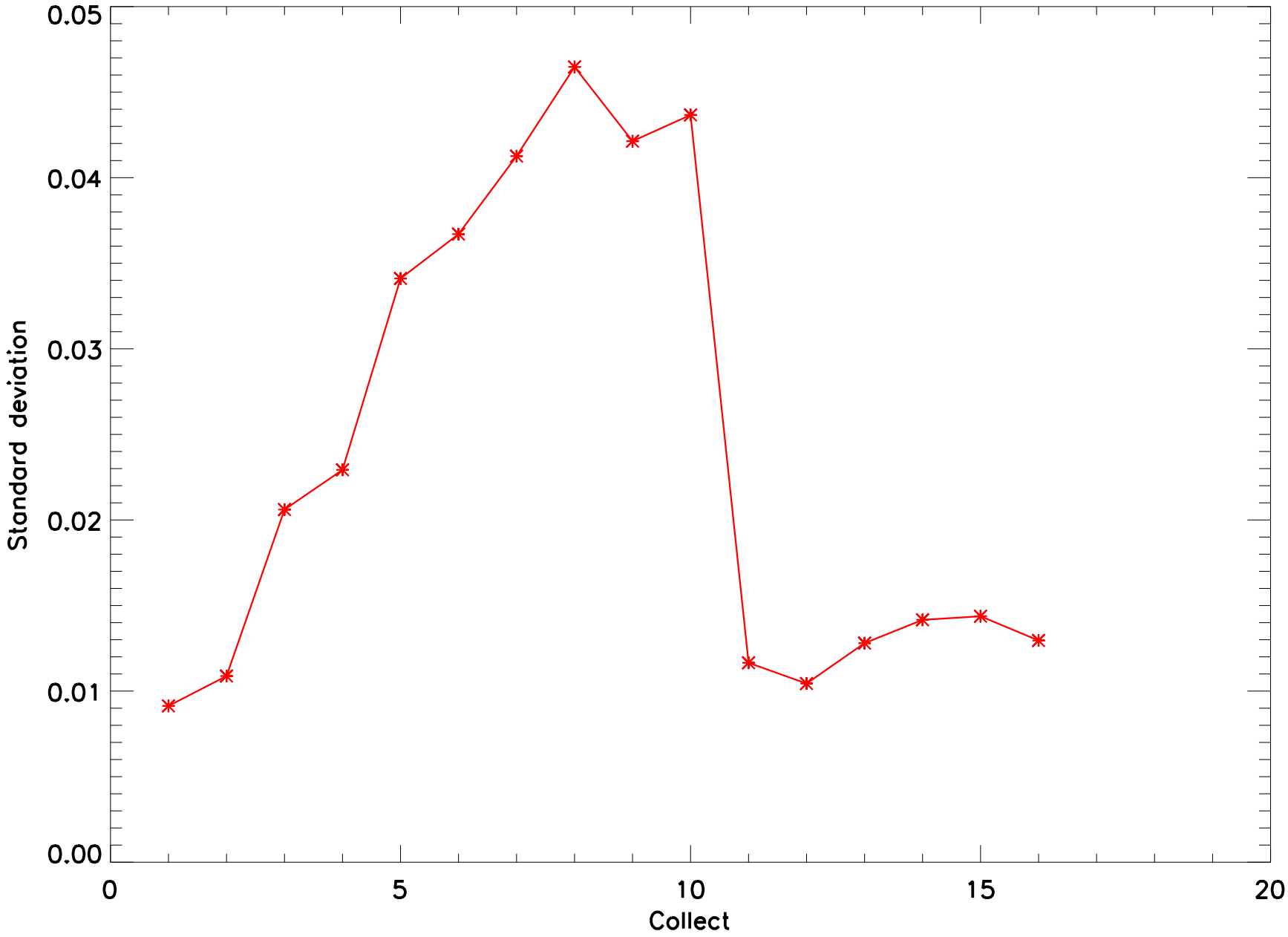

T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
250.40
250.38
250.36
250.34
250.32
259.66
259.64
259.62
259.60
259.58
259.56
272.40
272.38
272.36
272.34
272.32
272.30
282.56
282.54
282.52
282.50
282.48
282.46
0
20
40
60
80
100
1
2
3
4
5
6

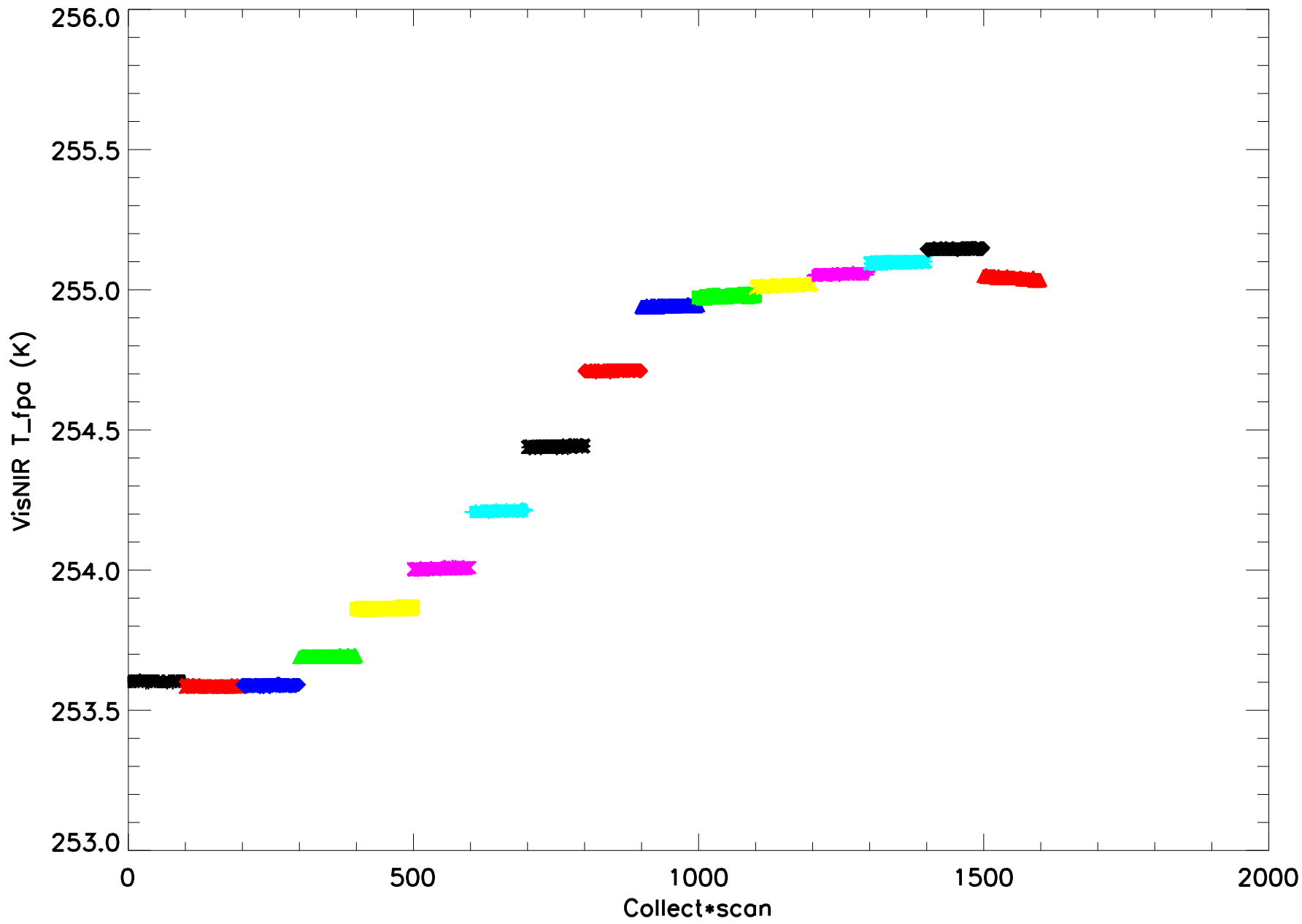

T_OBC per thermistors vs Scan
Collect=5
Collect=6
Collect=7
Collect=8
T_obc (K)
Scan
292.56
292.54
292.52
292.50
292.48
292.46
292.44
297.50
297.48
297.46
297.44
297.42
297.40
297.38
302.42
302.40
302.38
302.36
302.34
302.32
302.30
302.28
307.35
307.30
307.25
307.20
307.15
0
20
40
60
80
100
1
2
3
4
5
6

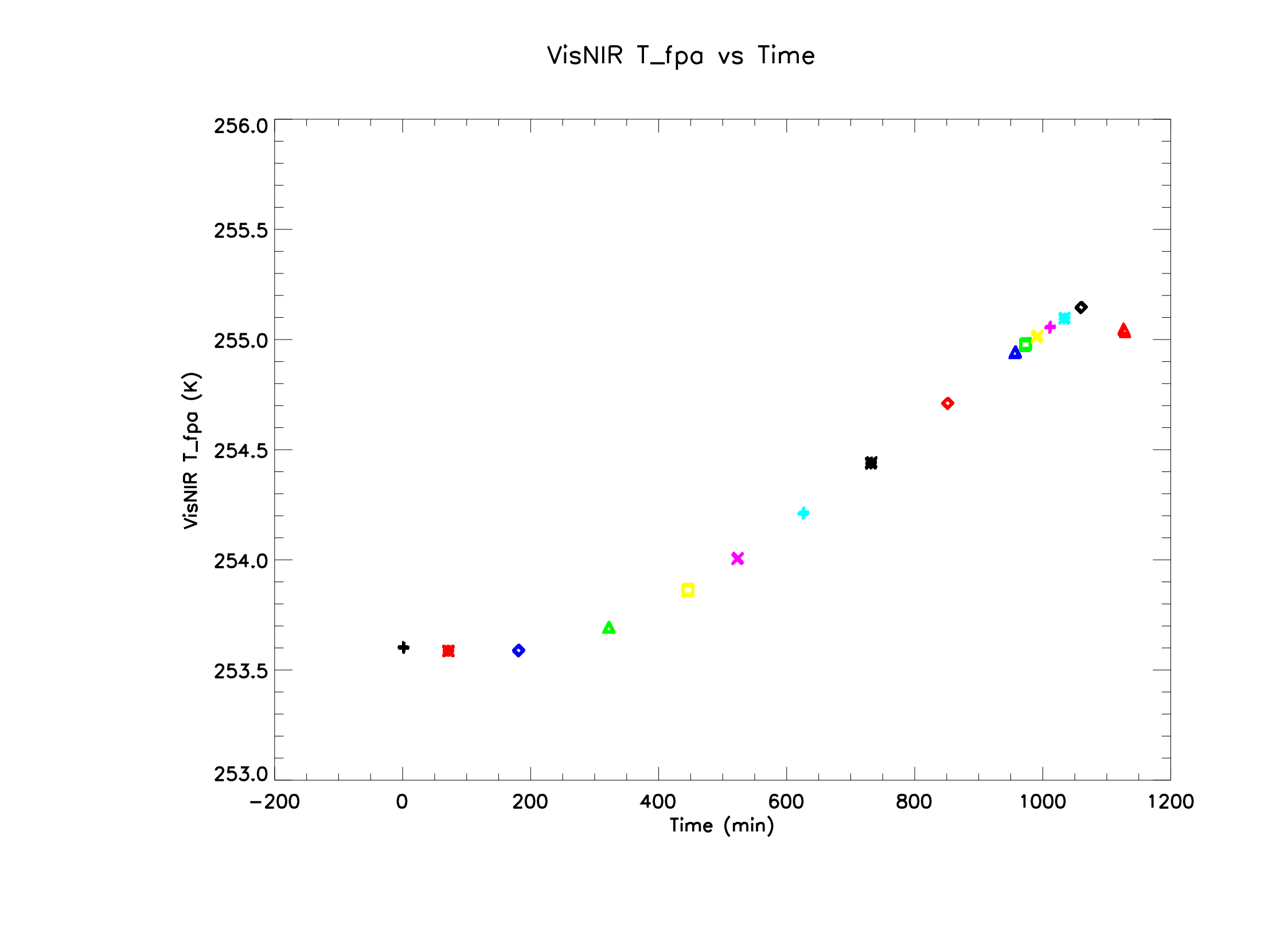

T_OBC per thermistors vs Scan
Collect=9
Collect=10
Collect=11
Collect=12
T_obc (K)
Scan
312.30
312.28
312.26
312.24
312.22
312.20
312.18
314.88
314.86
314.84
314.82
314.80
314.78
314.76
314.74
312.6
312.4
312.2
312.0
311.8
311.6
311.4
307.4
307.2
307.0
306.8
306.6
306.4
0
20
40
60
80
100
1
2
3
4
5
6

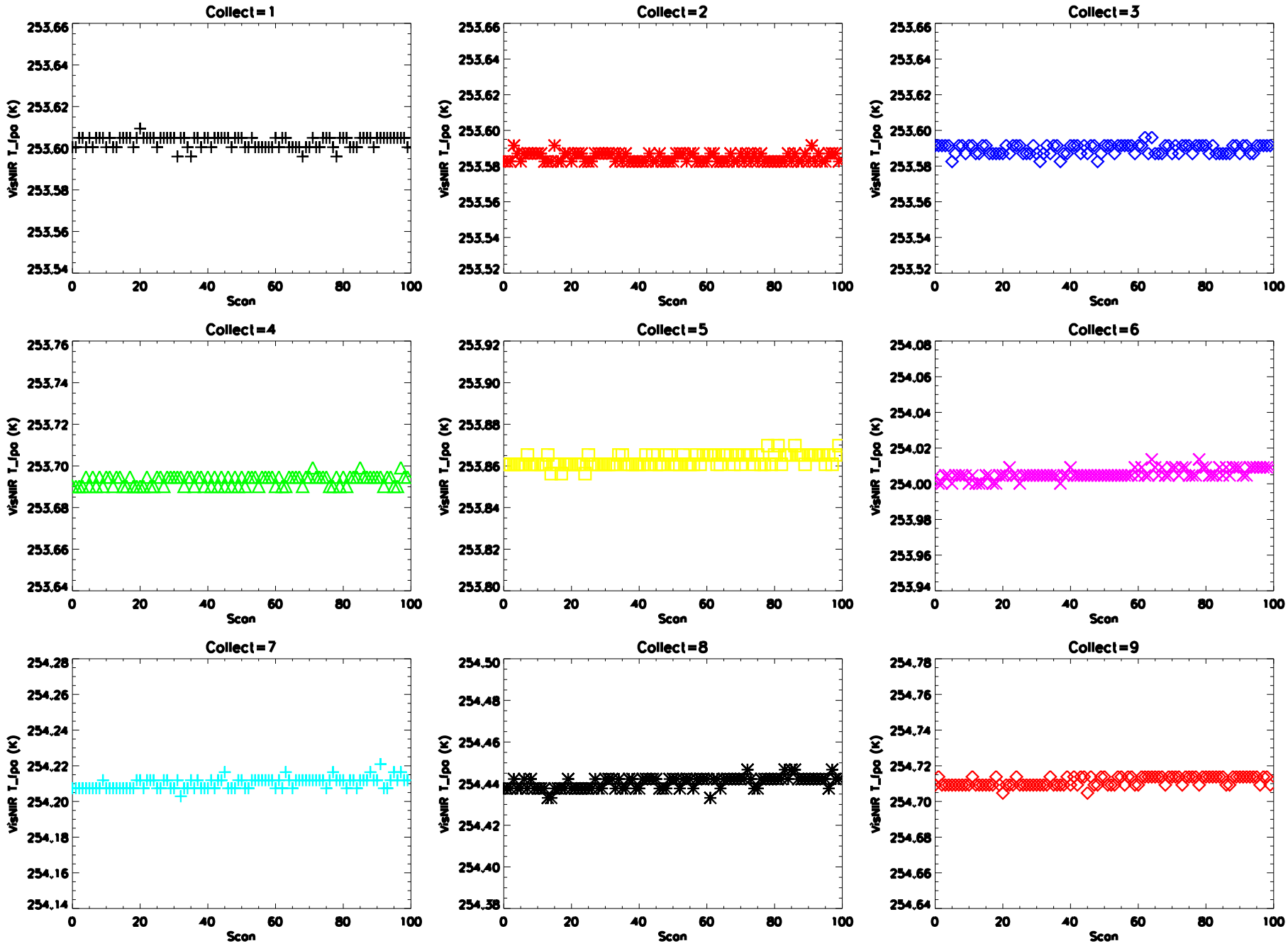

T_OBC per thermistors vs Scan
Collect=13
Collect=14
Collect=15
Collect=16
T_obc (K)
Scan
302.4
302.2
302.0
301.8
301.6
301.4
297.4
297.2
297.0
296.8
296.6
292.6
292.5
292.4
292.3
292.2
292.1
292.0
291.9
282.7
282.6
282.5
282.4
282.3
282.2
0
20
40
60
80
100
1
2
3
4
5
6


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

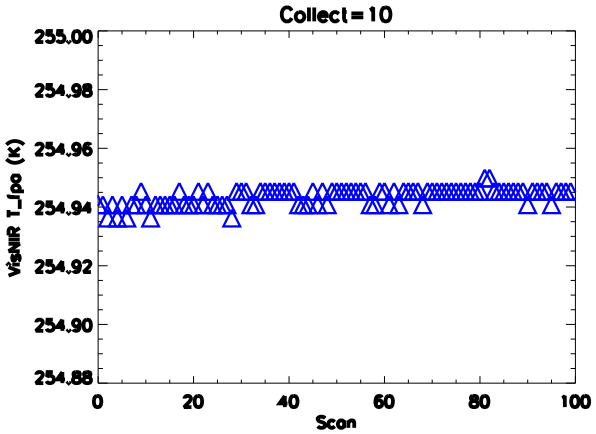

OBC thermistor standard deviation vs Collect
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
Collect

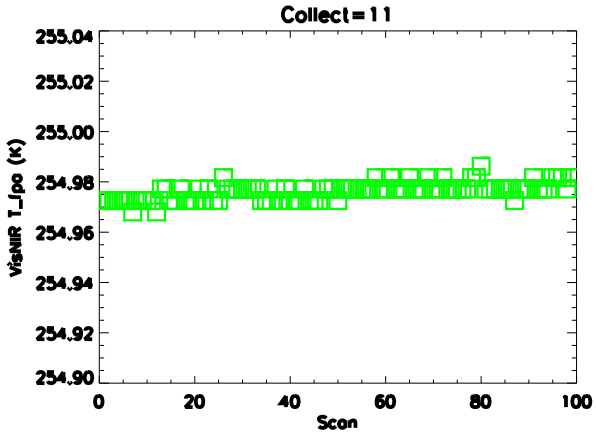

VisNIR T_fpa vs Scan and Collect
256.0
255.5
255.0
254.5
254.0
253.5
253.0
VisNIR T_fpa (K)
0
500
1000
1500
2000
Collect*scan

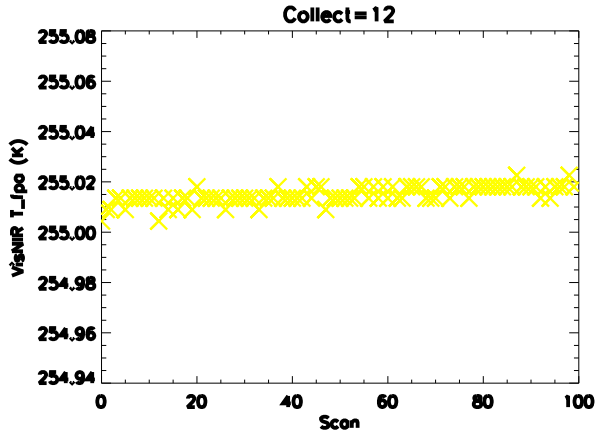

VisNIR T_fpa vs Time
VisNIR T_fpa (K)
256.0
255.5
255.0
254.5
254.0
253.5
253.0
−200
0
200
400
600
800
1000
1200
Time (min)

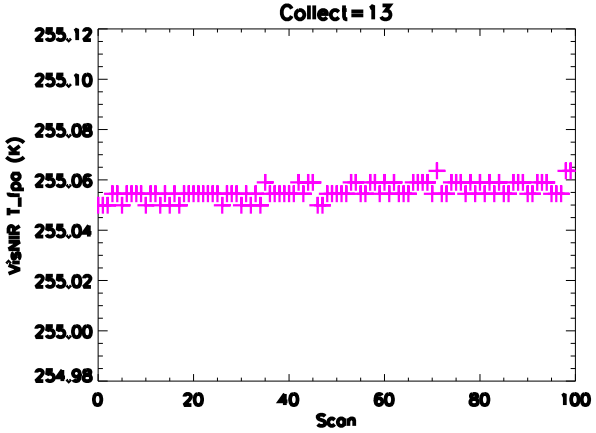

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_lpo (K)
Scan

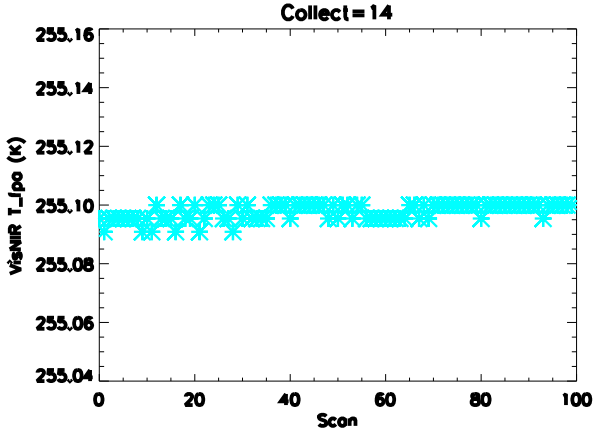
VisNIR T_fpa vs Scan

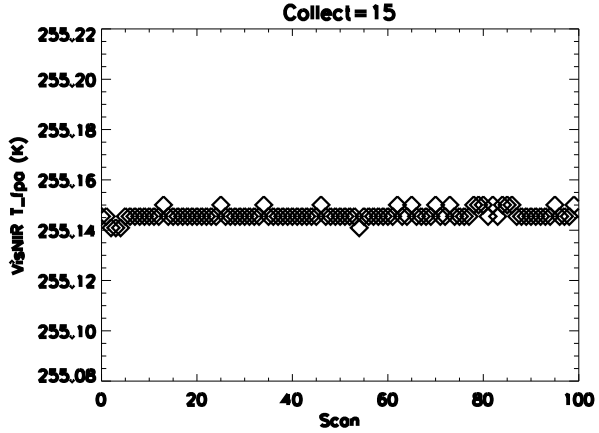


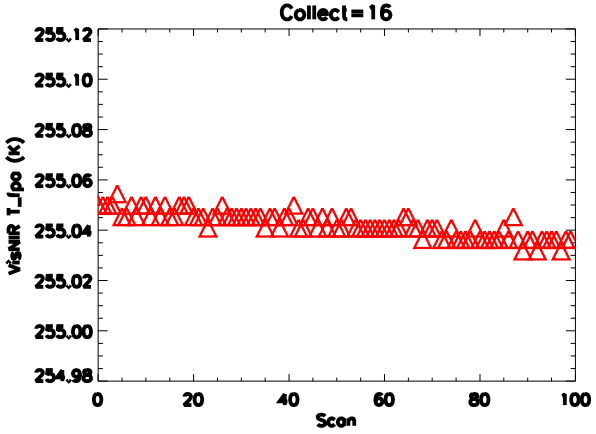


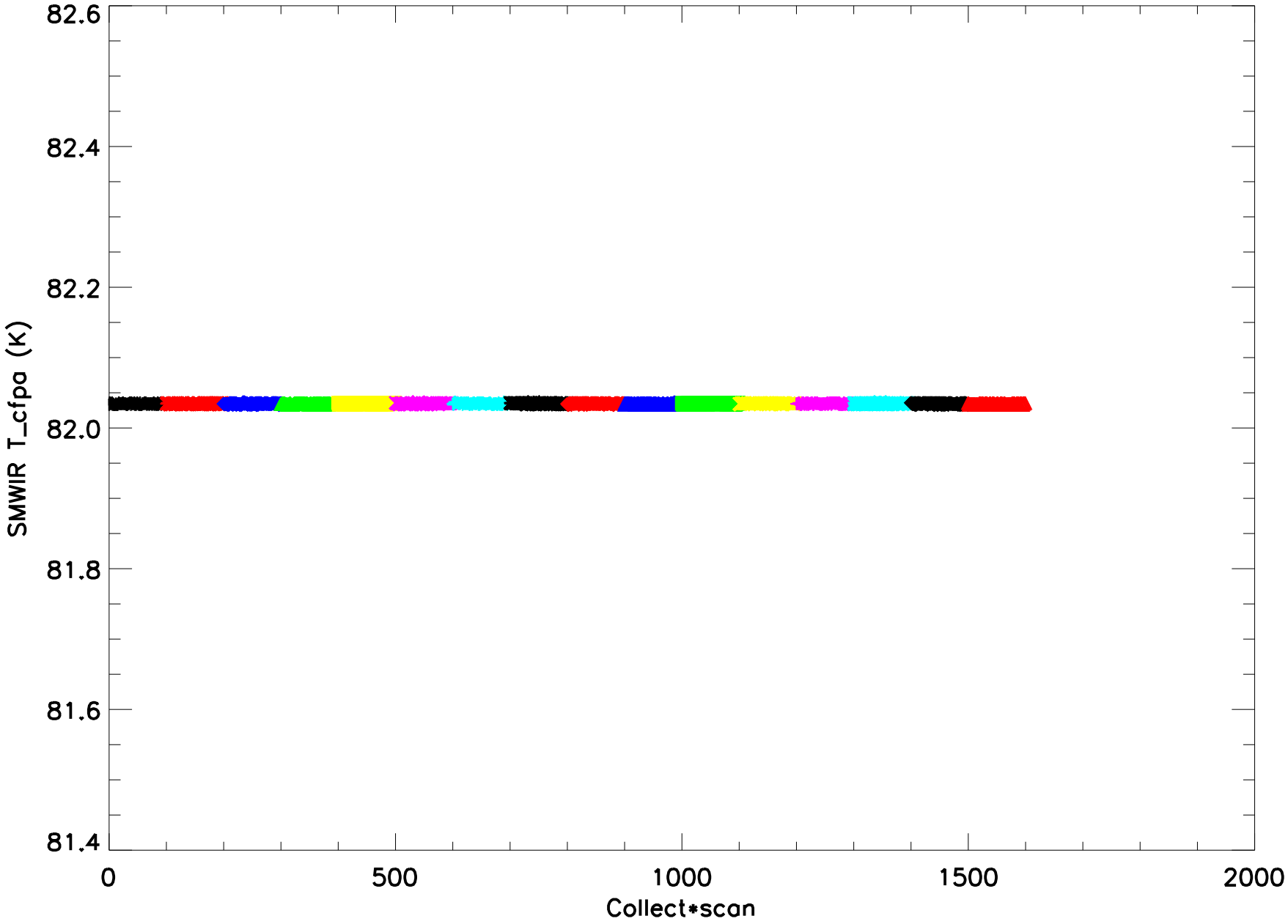


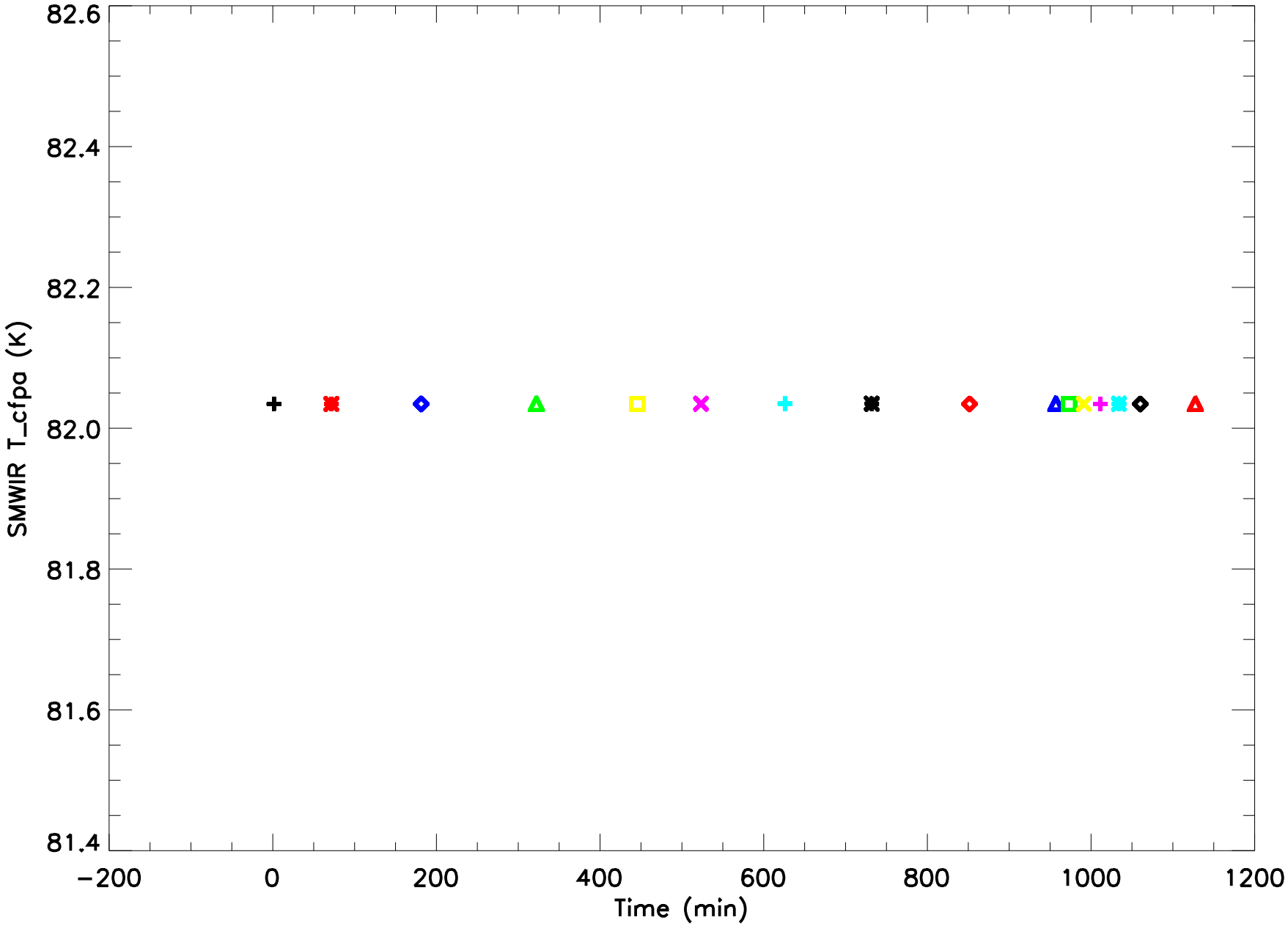


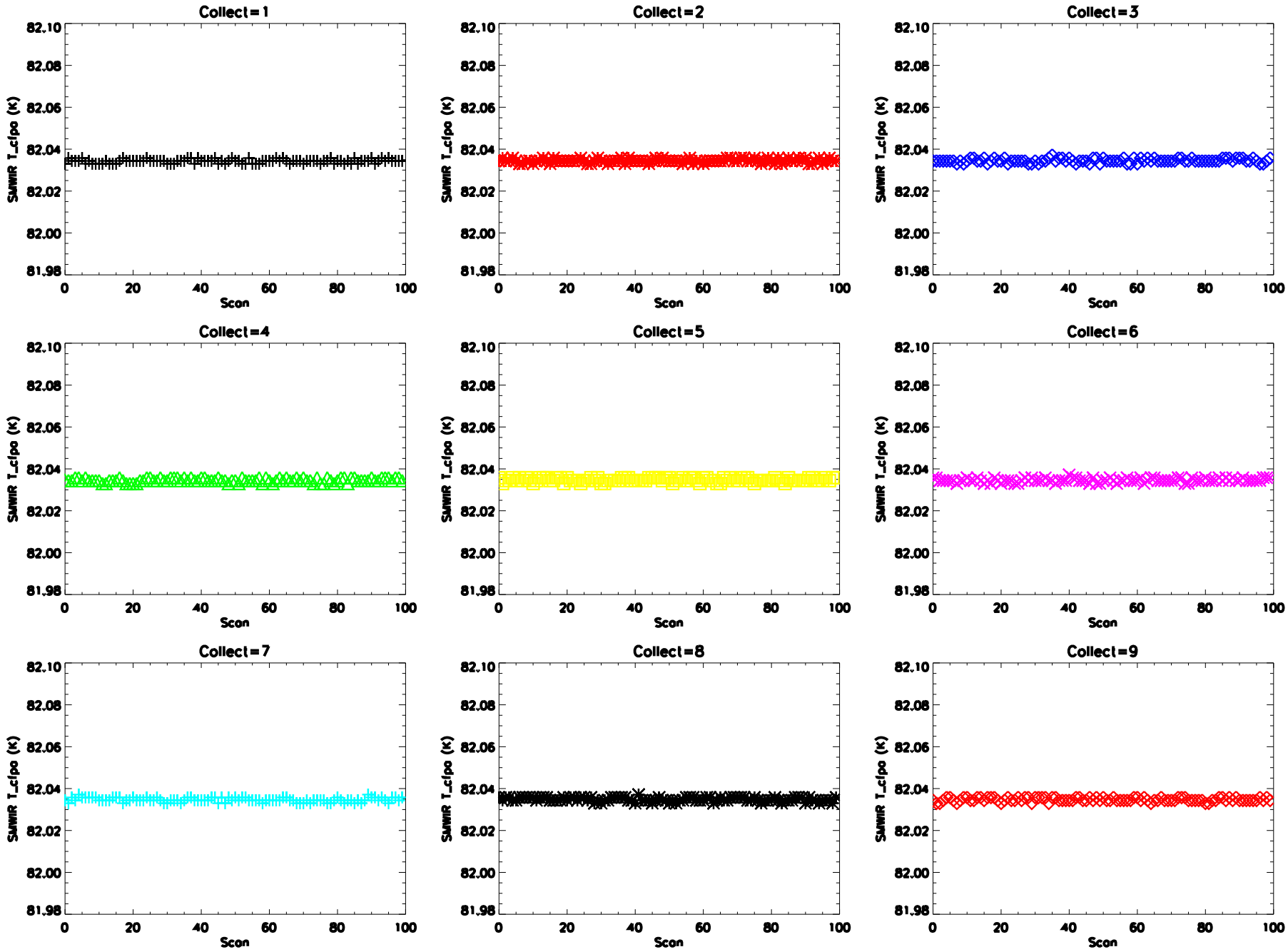




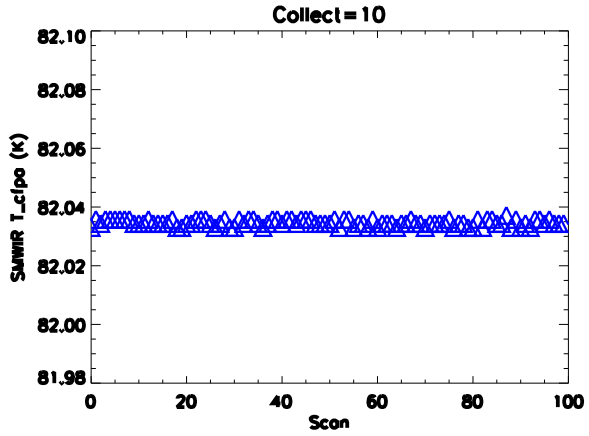


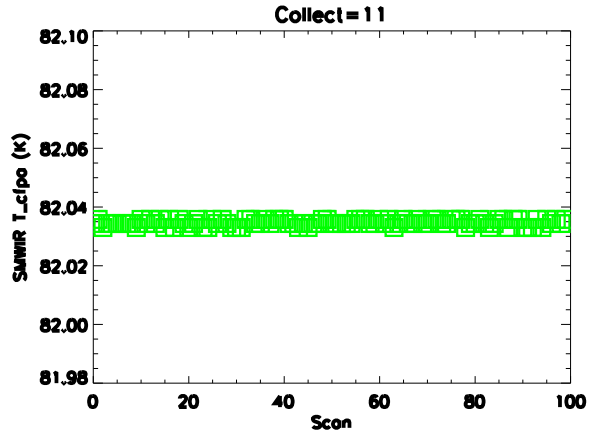

SMWIR T_cfpa vs Scan and Collect
82.6
82.4
82.2
82.0
81.8
81.6
81.4
SMWIR T_cfpa (K)
0
500
1000
1500
2000
Collect*scan

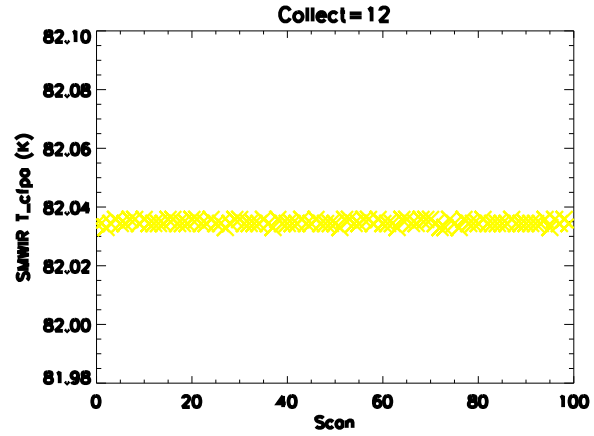

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
82.6
82.4
82.2
82.0
81.8
81.6
81.4
−200
0
200
400
600
800
1000
1200
Time (min)

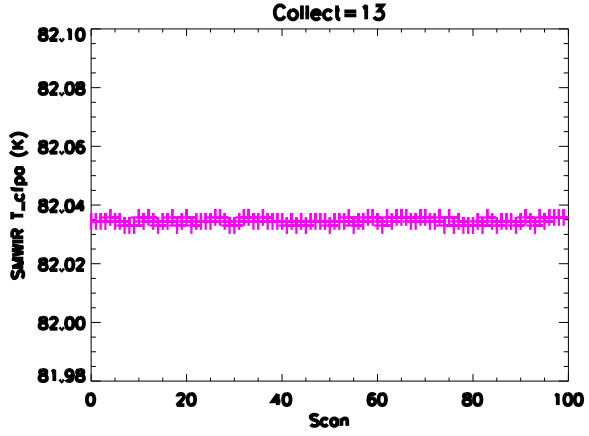

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SMWIR T_clpa (K)
Scan
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100

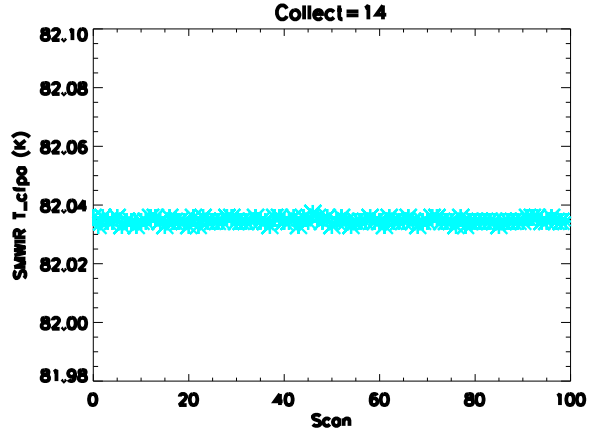
SMWIR T_cfpa vs Scan

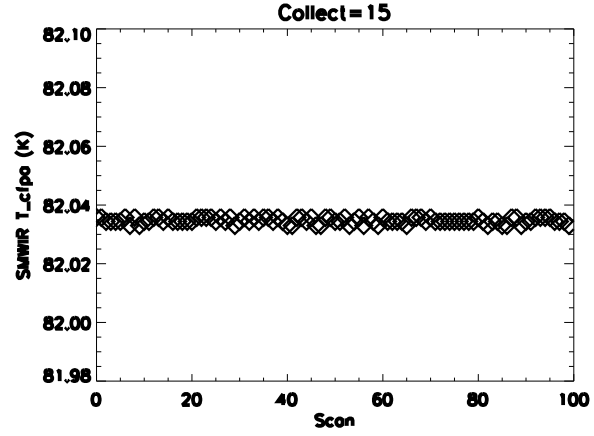


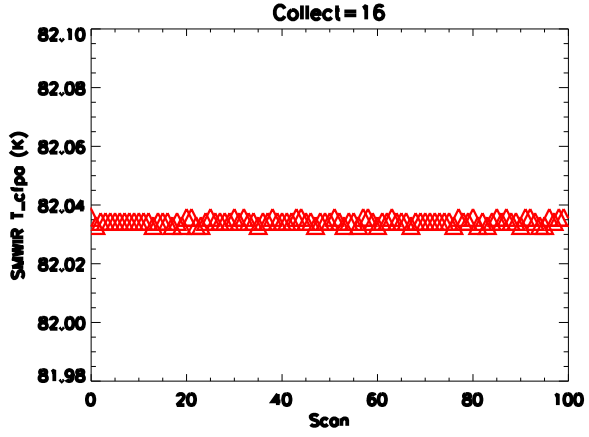


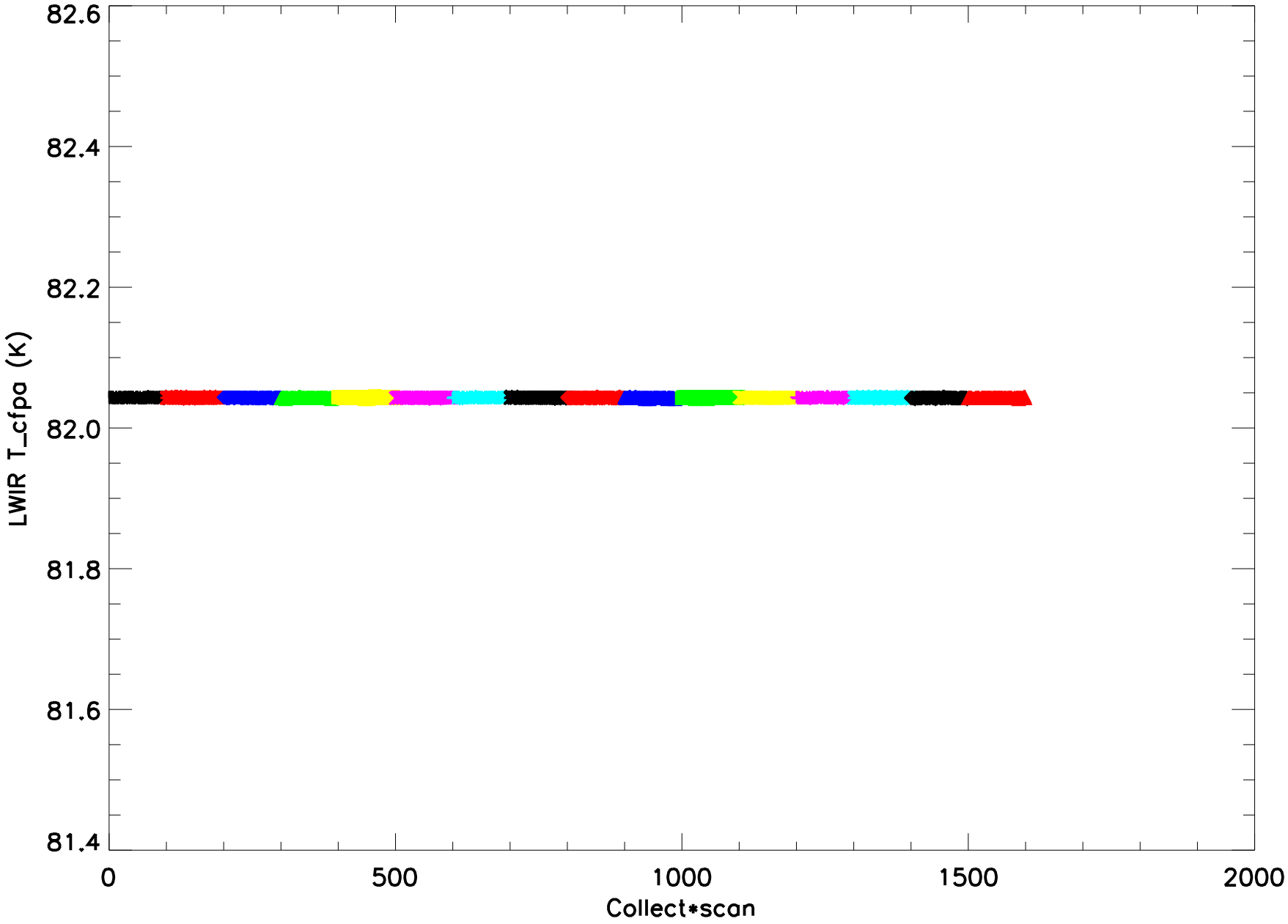


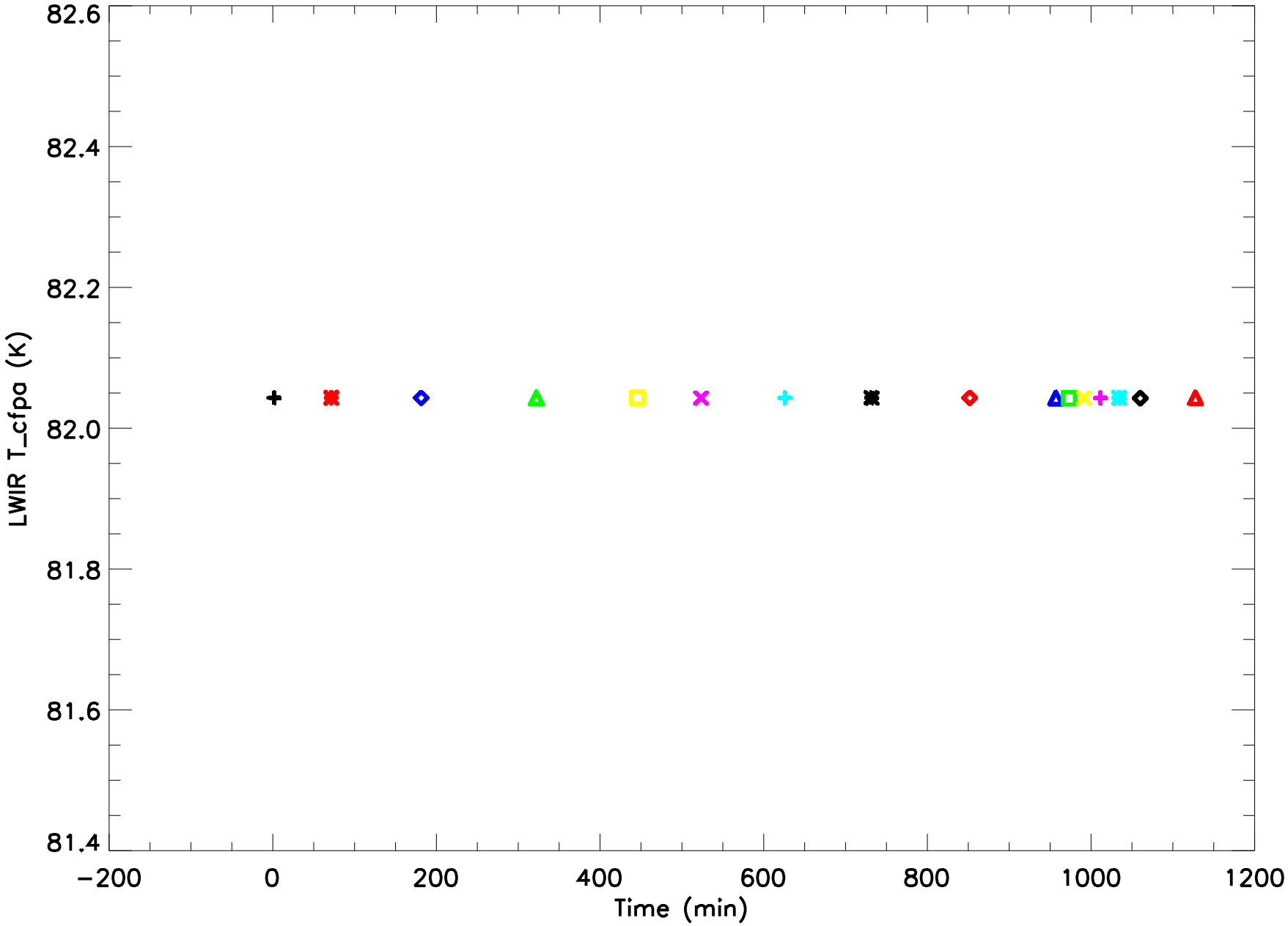


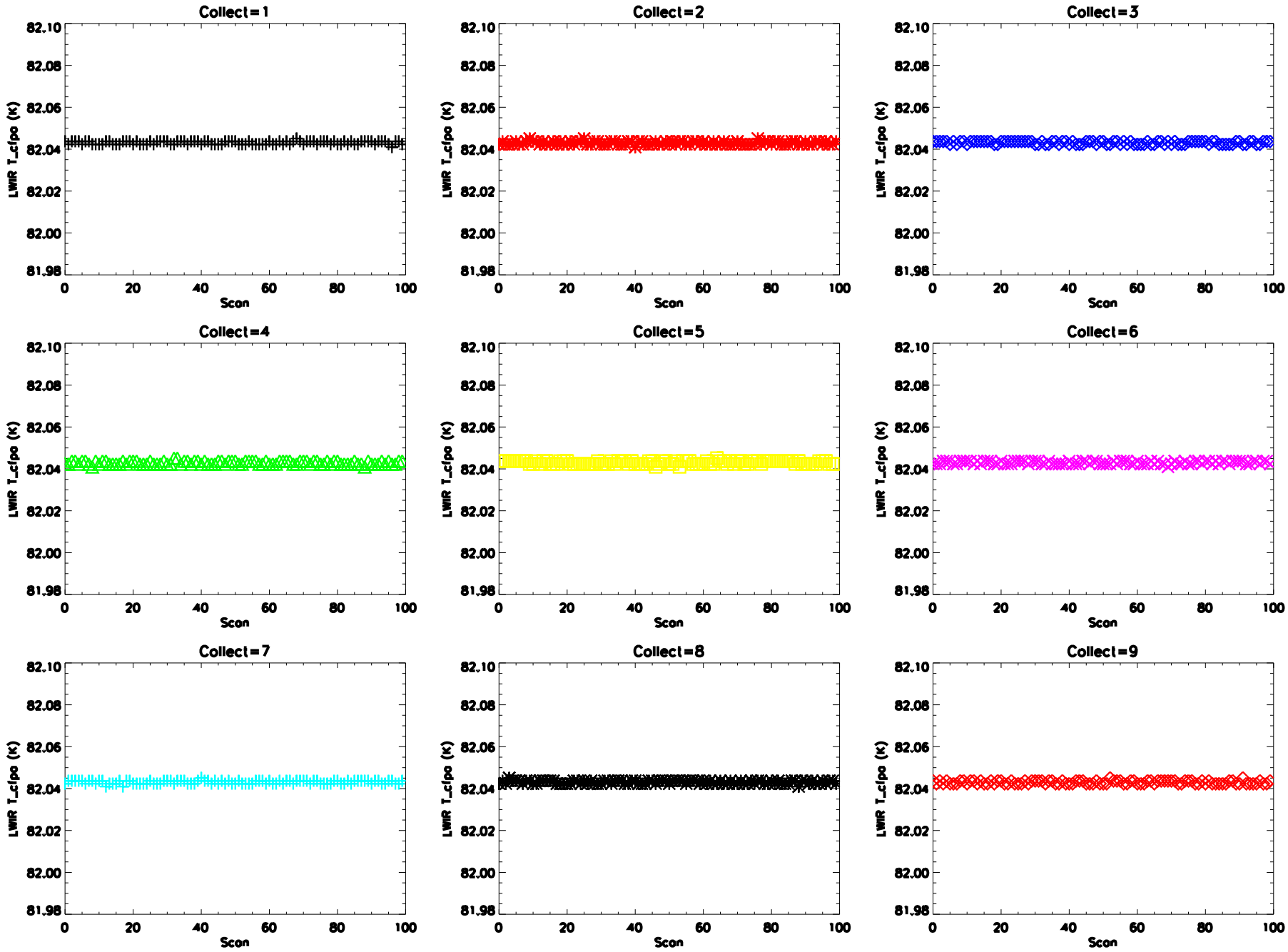




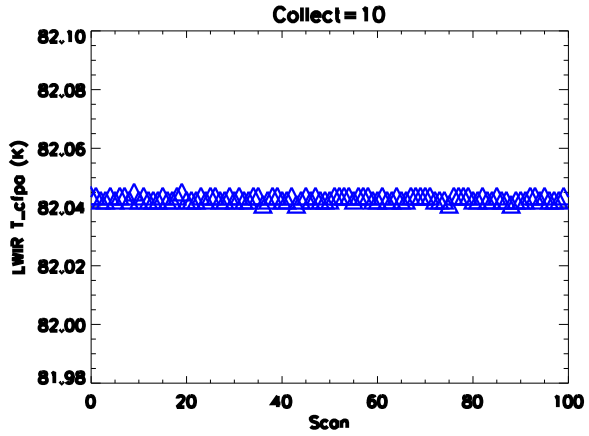


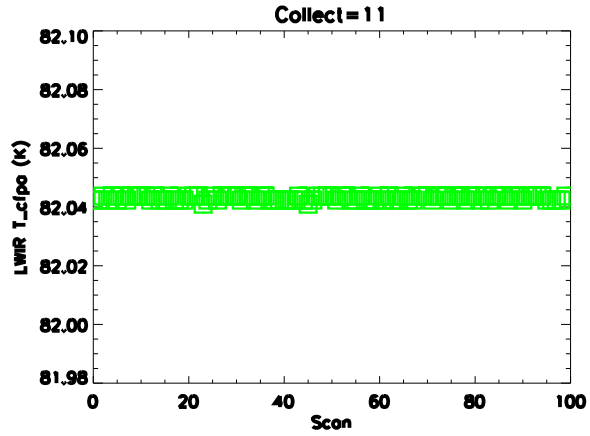

LWIR T_cfpa vs Scan and Collect
82.6
82.4
82.2
82.0
81.8
81.6
81.4
LWIR T_cfpa (K)
0
500
1000
1500
2000
Collect*scan

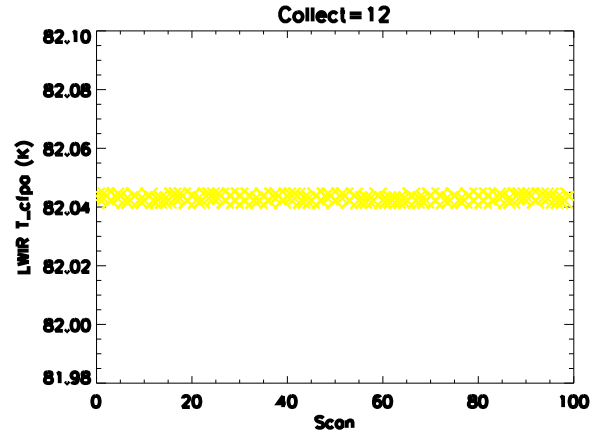

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
82.6
82.4
82.2
82.0
81.8
81.6
81.4
−200
0
200
400
600
800
1000
1200
Time (min)

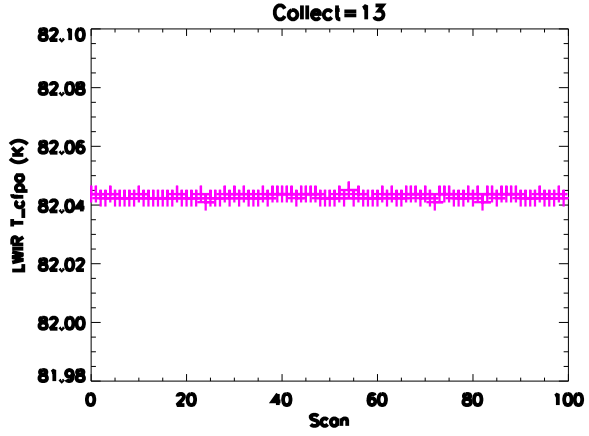

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_cfpa (K)
Scan
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100

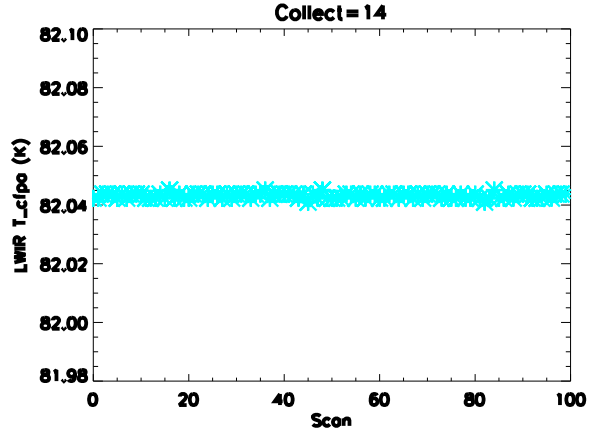
LWIR T_cfpa vs Scan

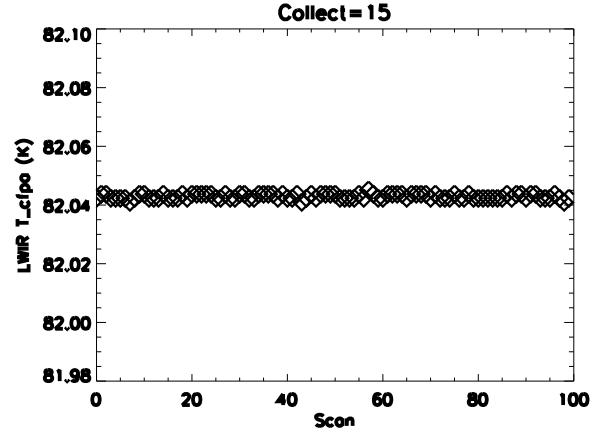


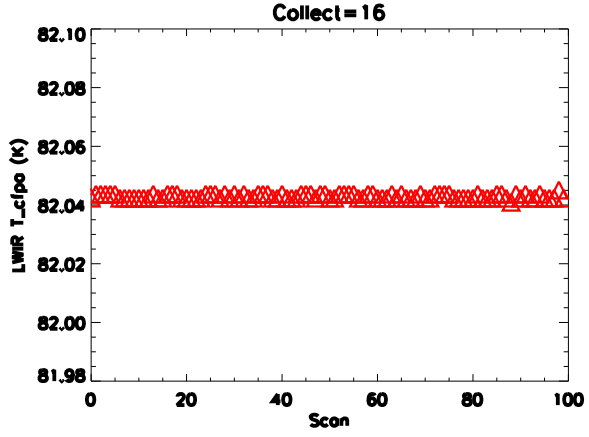


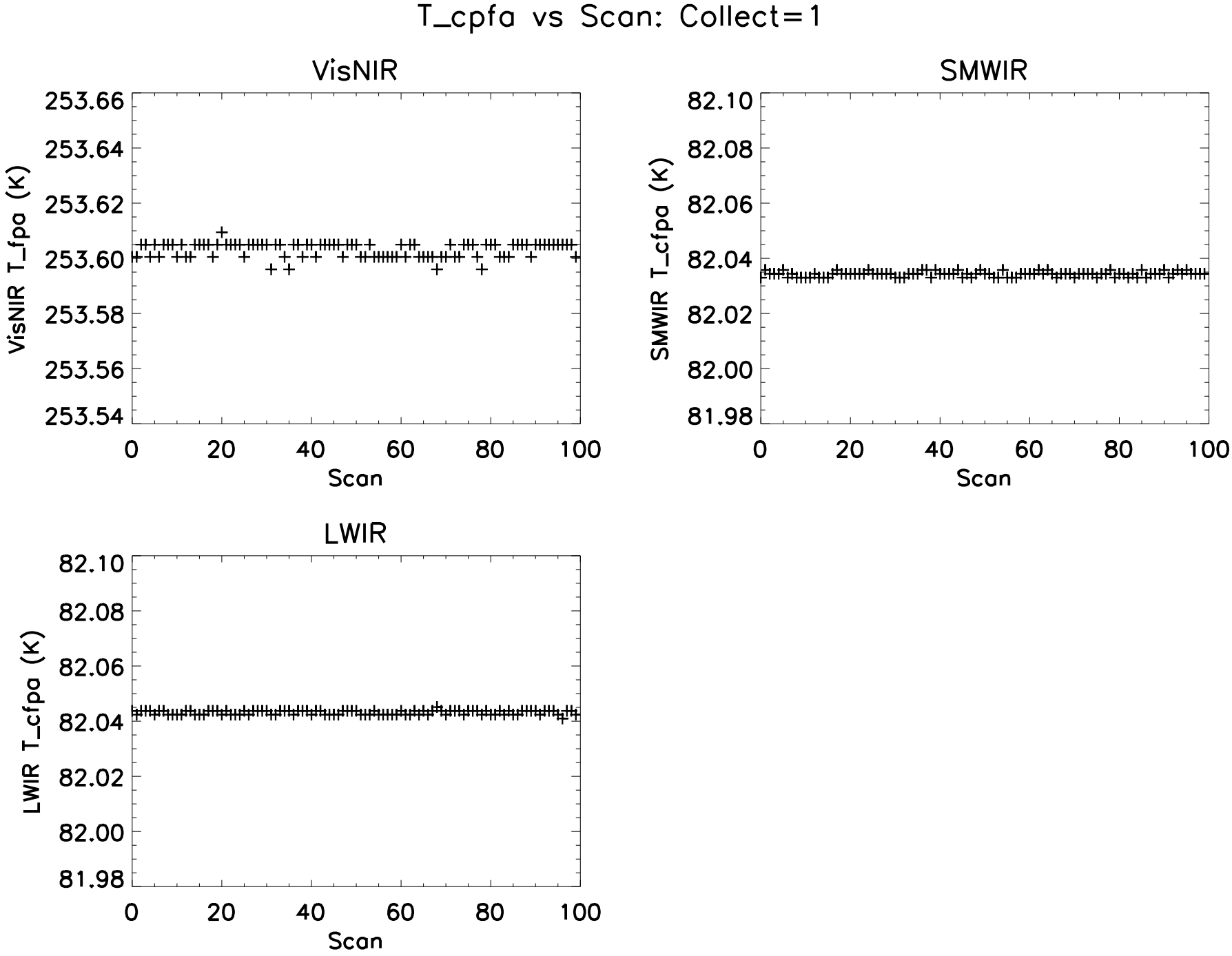


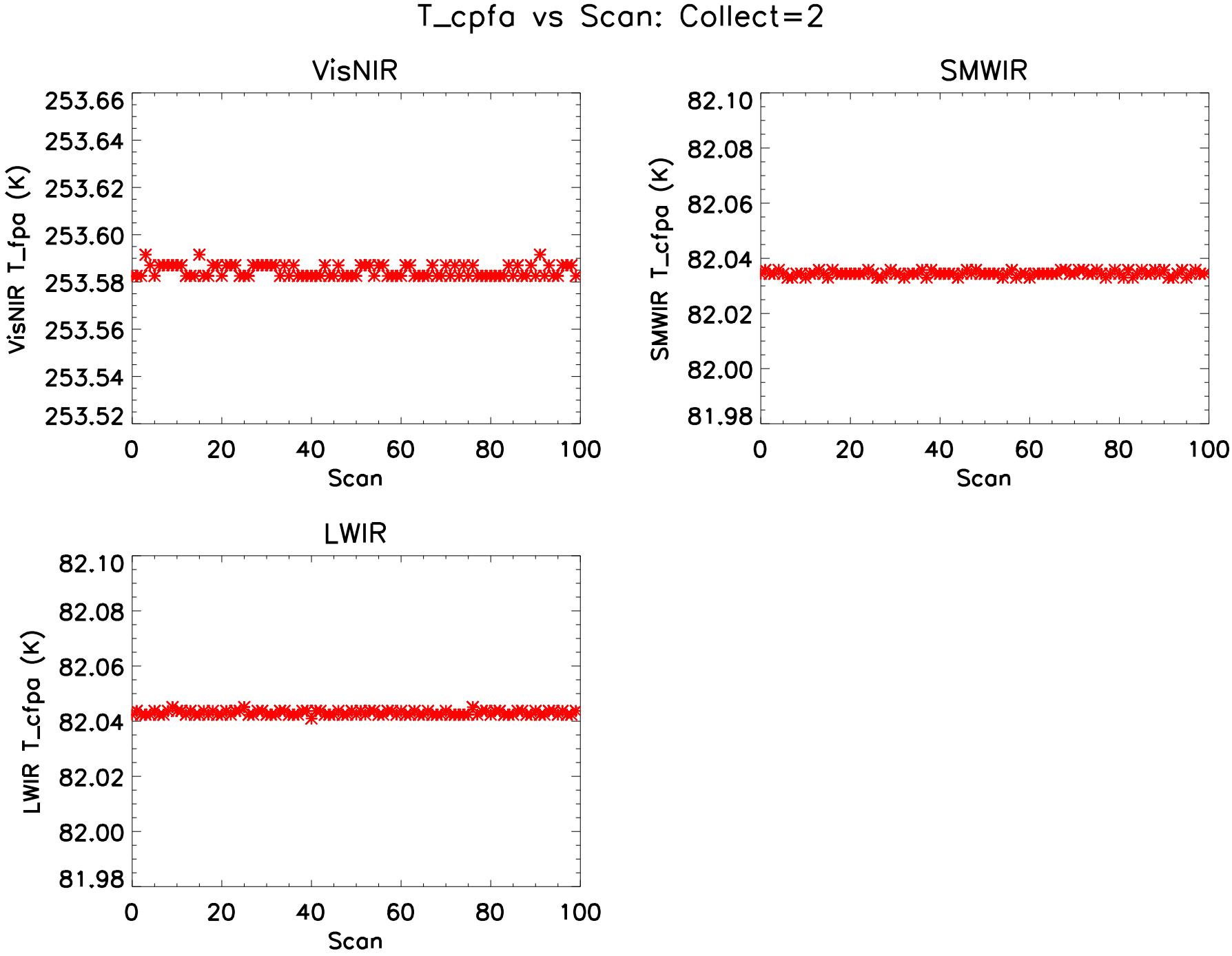


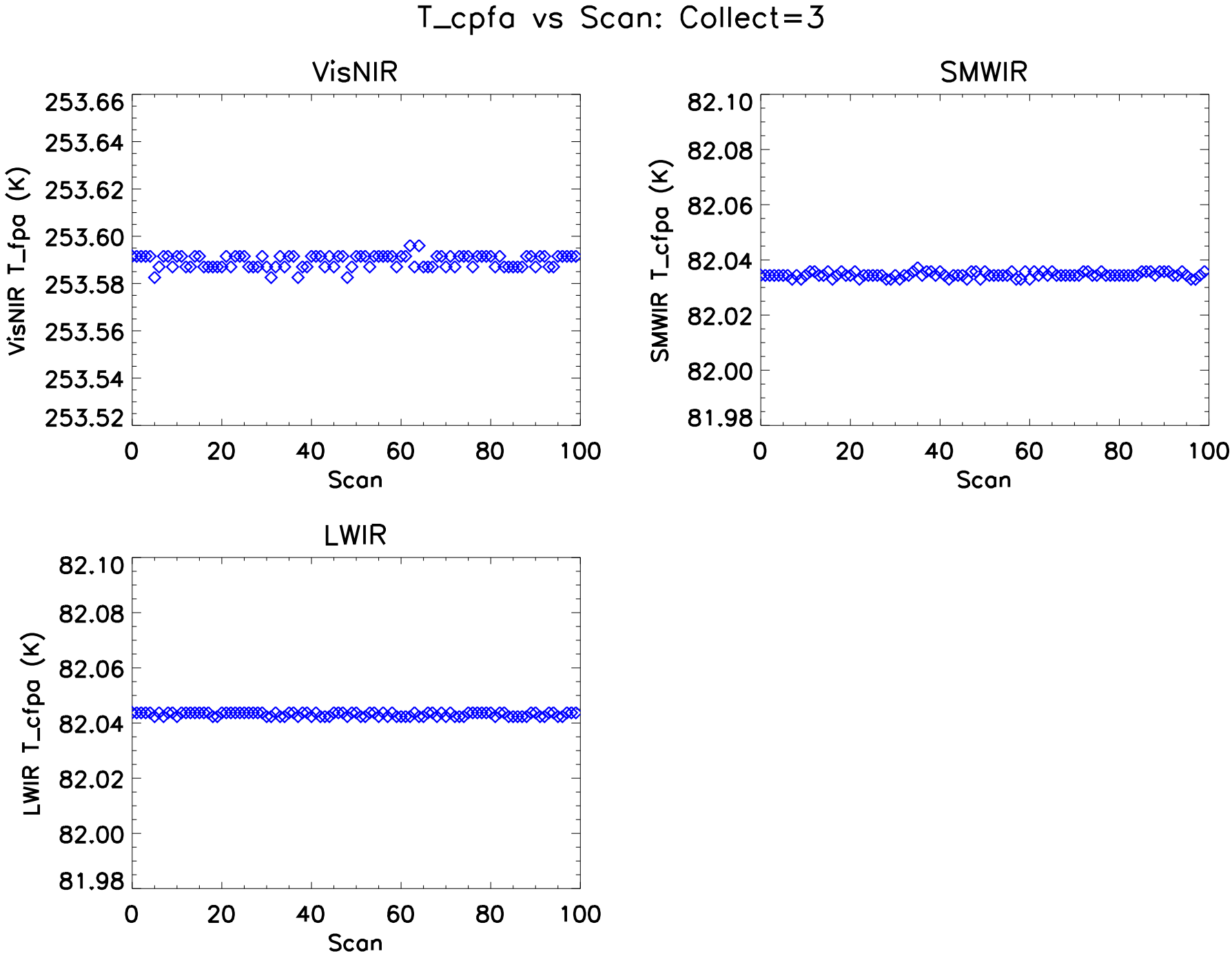


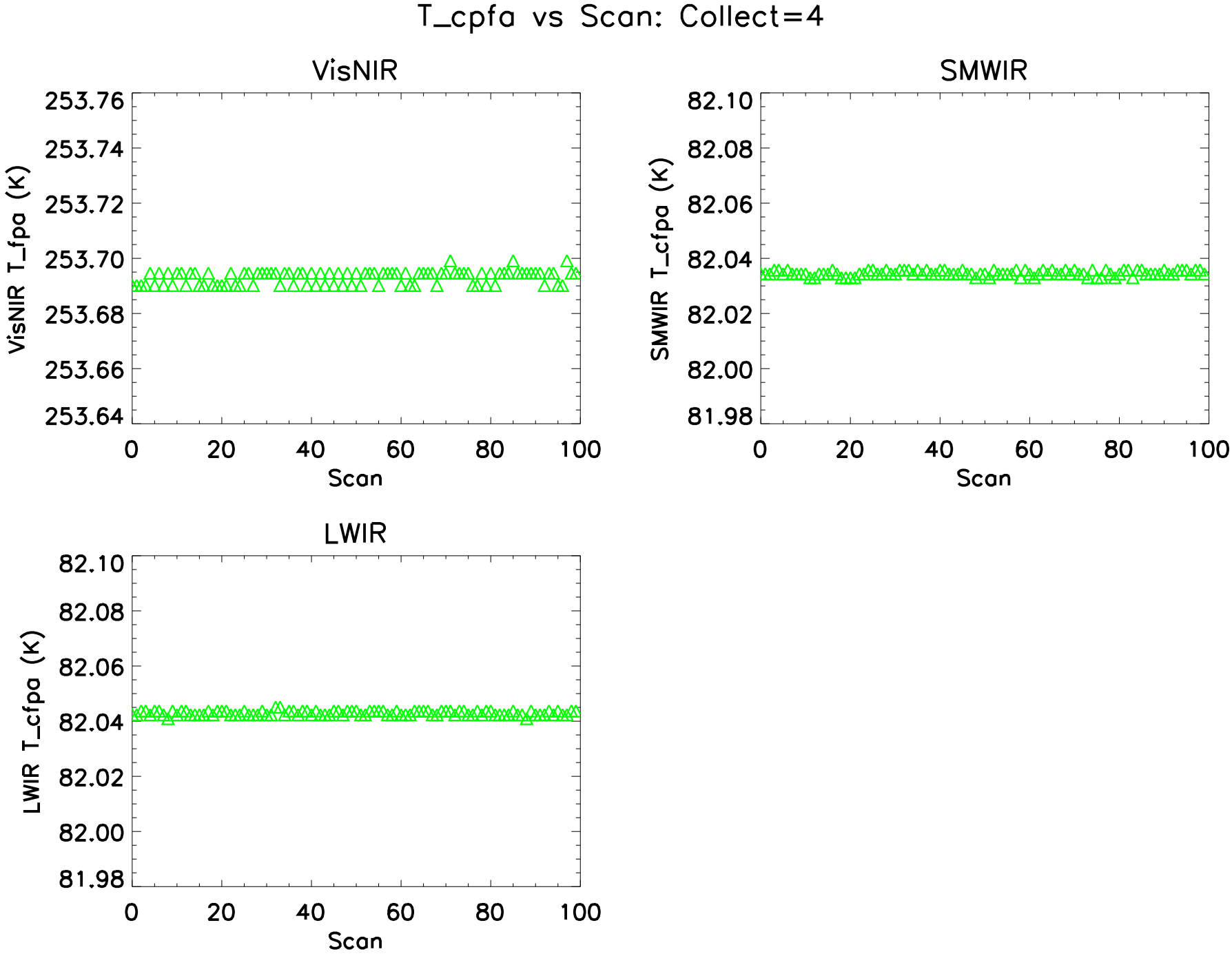


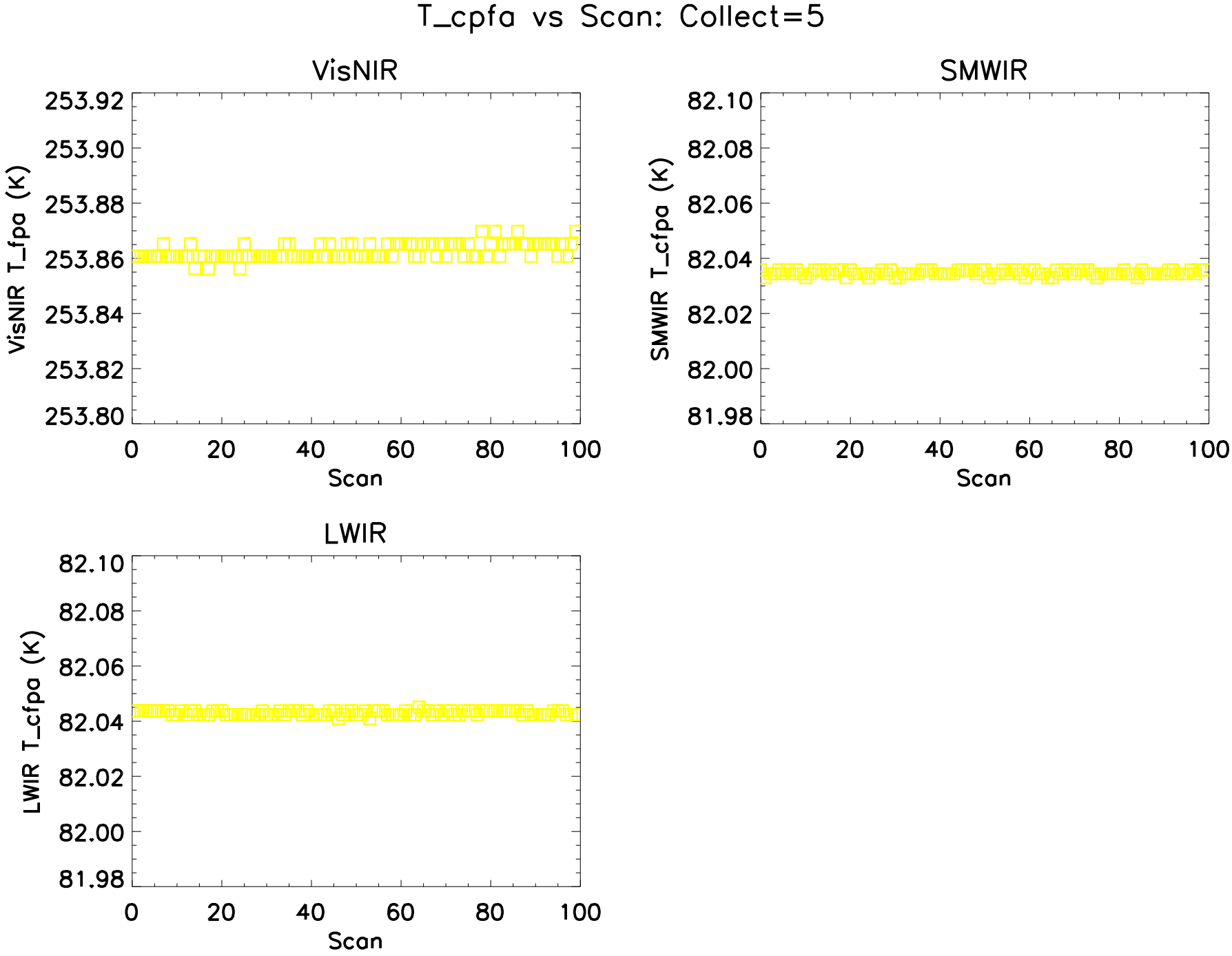


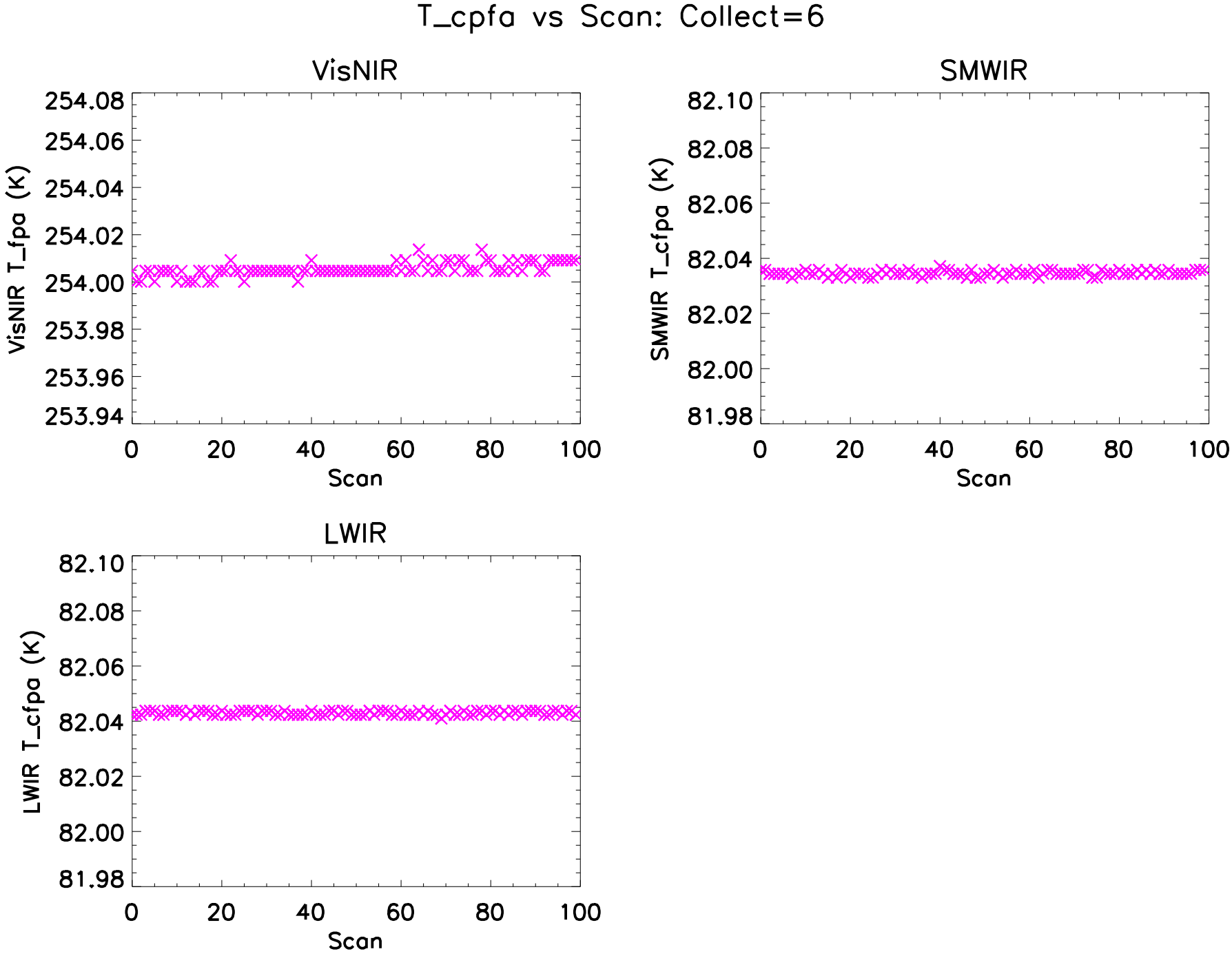

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
253.66
253.64
253.62
253.60
253.58
253.56
253.54
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

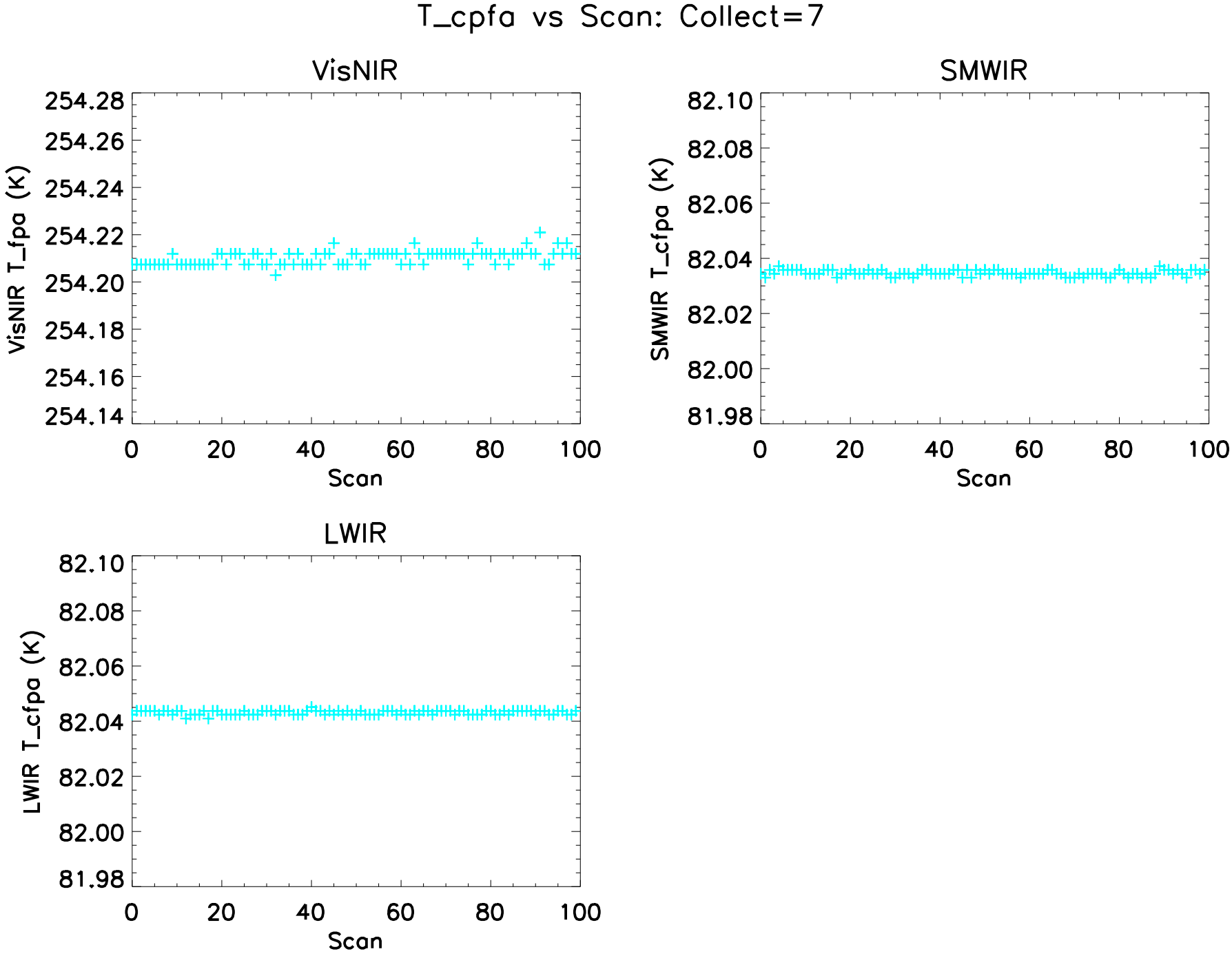

T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
253.66
253.64
253.62
253.60
253.58
253.56
253.54
253.52
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

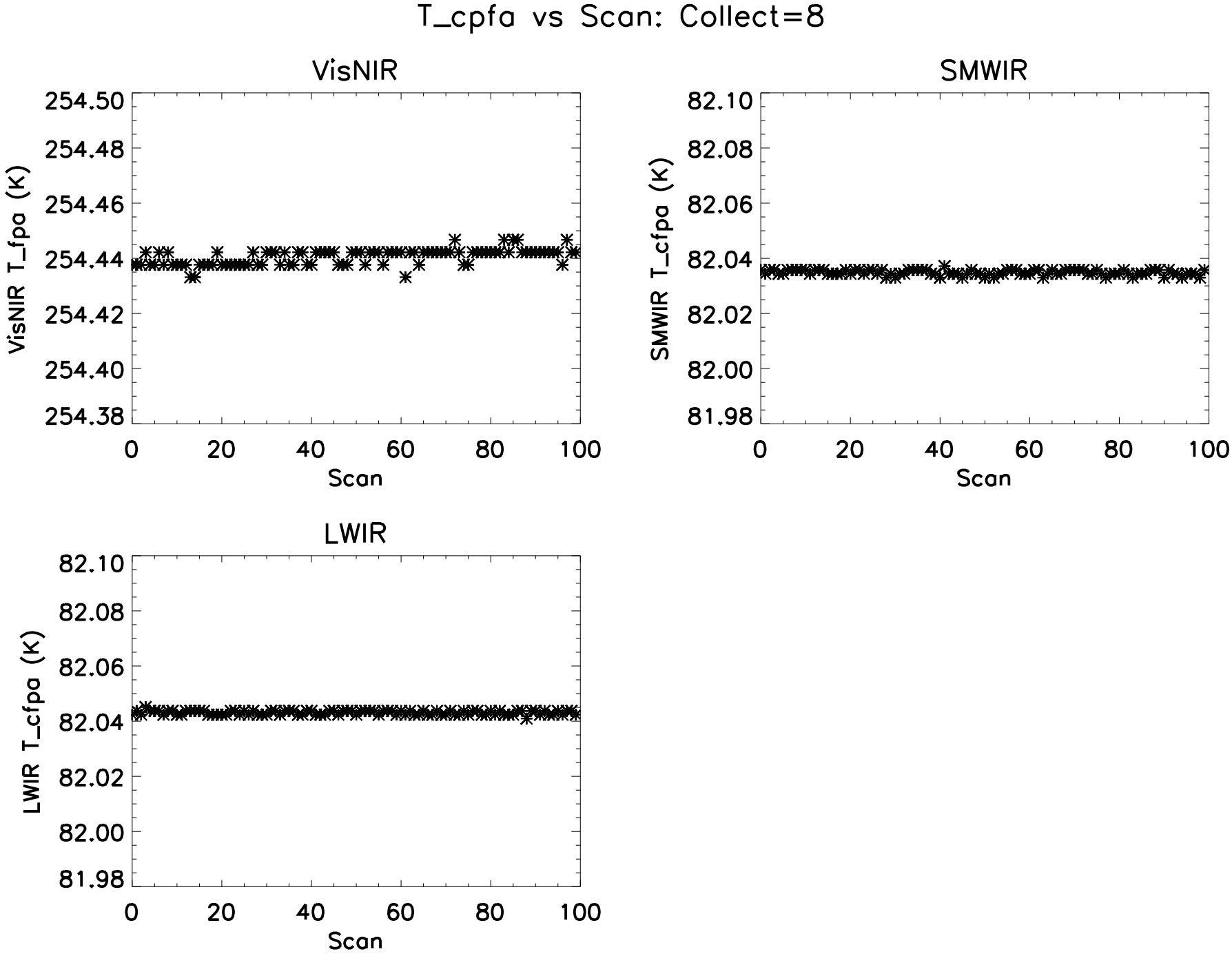

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
253.66
253.64
253.62
253.60
253.58
253.56
253.54
253.52
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

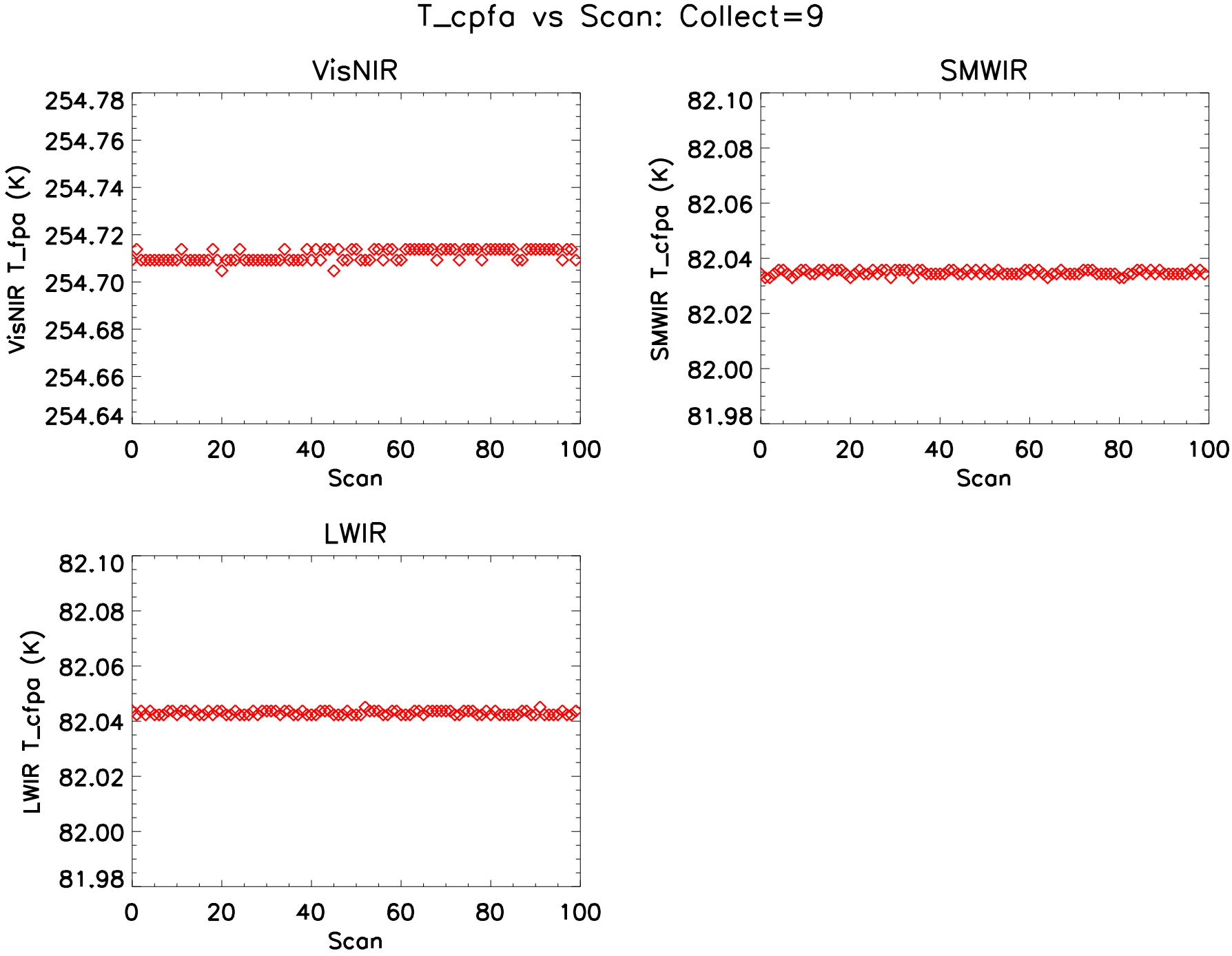

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
253.76
253.74
253.72
253.70
253.68
253.66
253.64
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

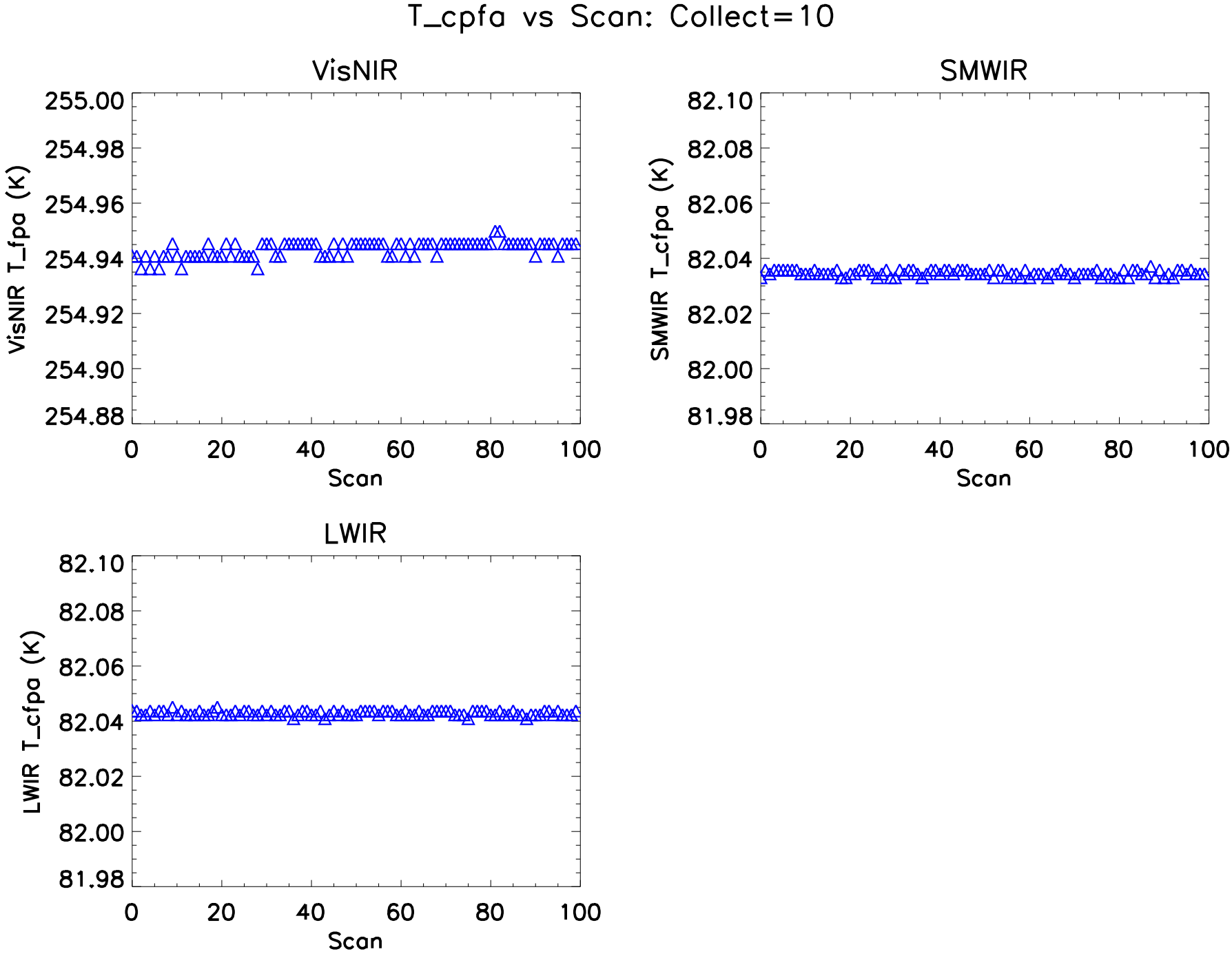

T_cpfa vs Scan: Collect=5
VisNIR
VisNIR T_fpa (K)
253.92
253.90
253.88
253.86
253.84
253.82
253.80
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

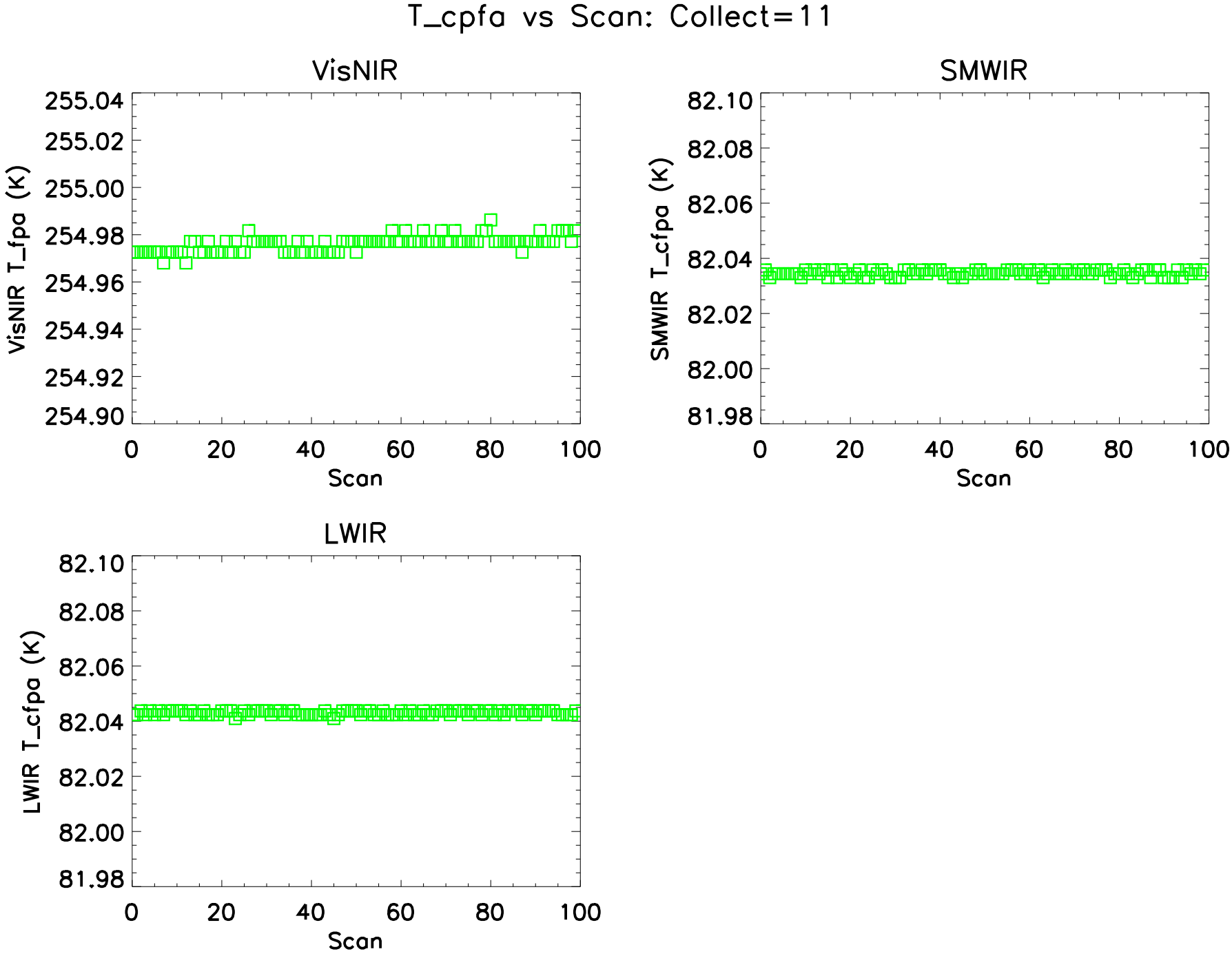

T_cpfa vs Scan: Collect=6
VisNIR
VisNIR T_fpa (K)
254.08
254.06
254.04
254.02
254.00
253.98
253.96
253.94
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

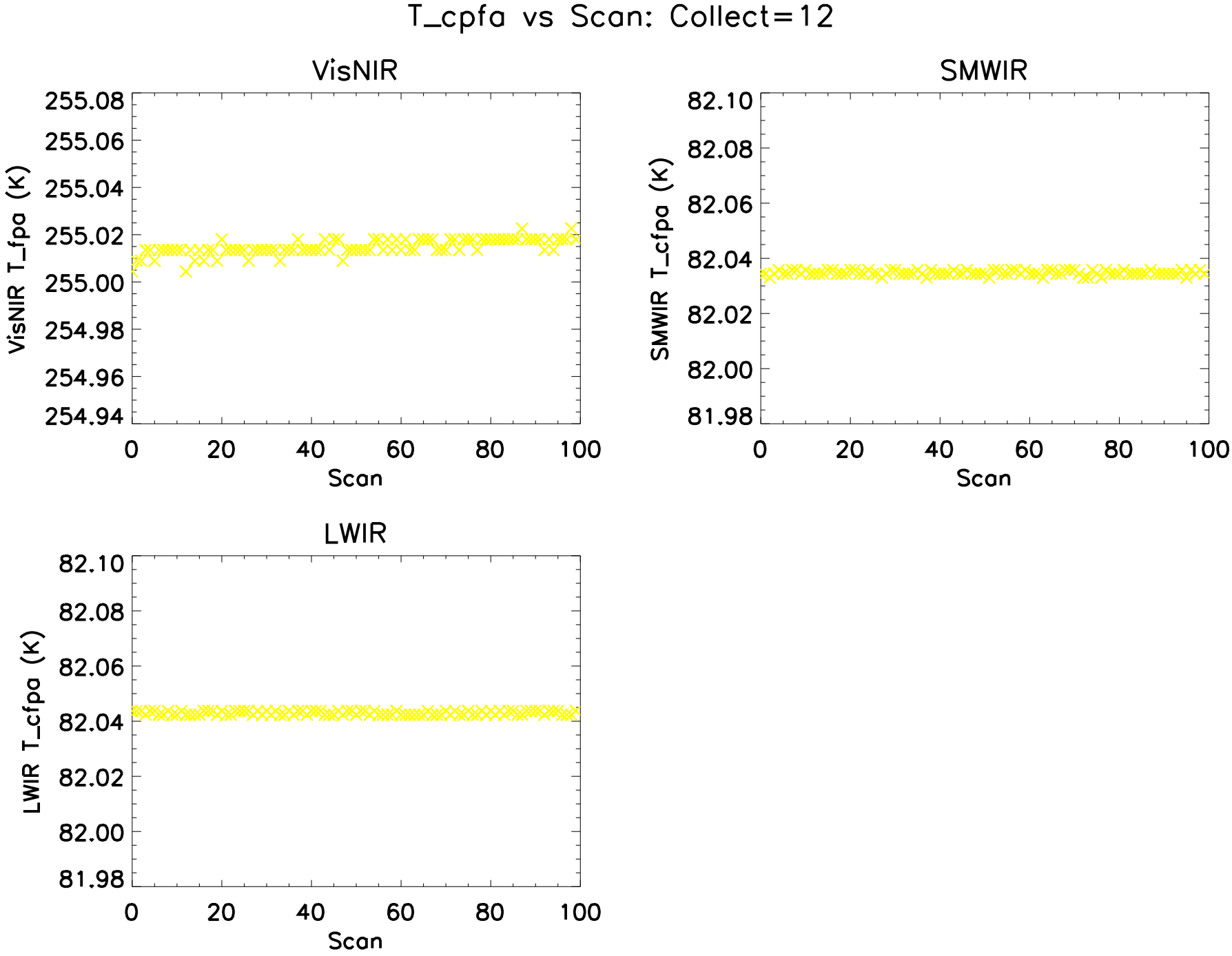

T_cpfa vs Scan: Collect=7
VisNIR
VisNIR T_fpa (K)
254.28
254.26
254.24
254.22
254.20
254.18
254.16
254.14
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

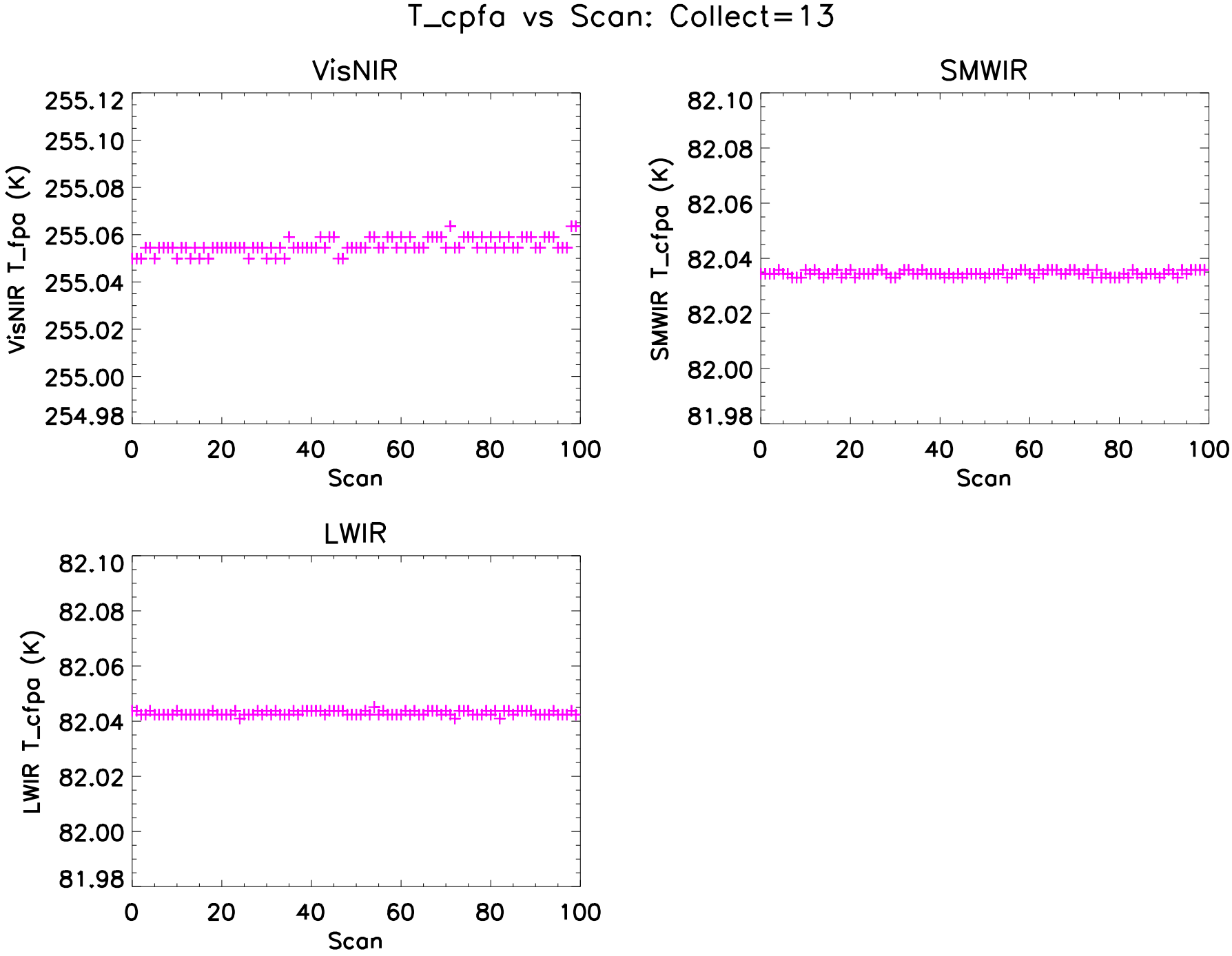

T_cpfa vs Scan: Collect=8
VisNIR
VisNIR T_fpa (K)
254.50
254.48
254.46
254.44
254.42
254.40
254.38
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

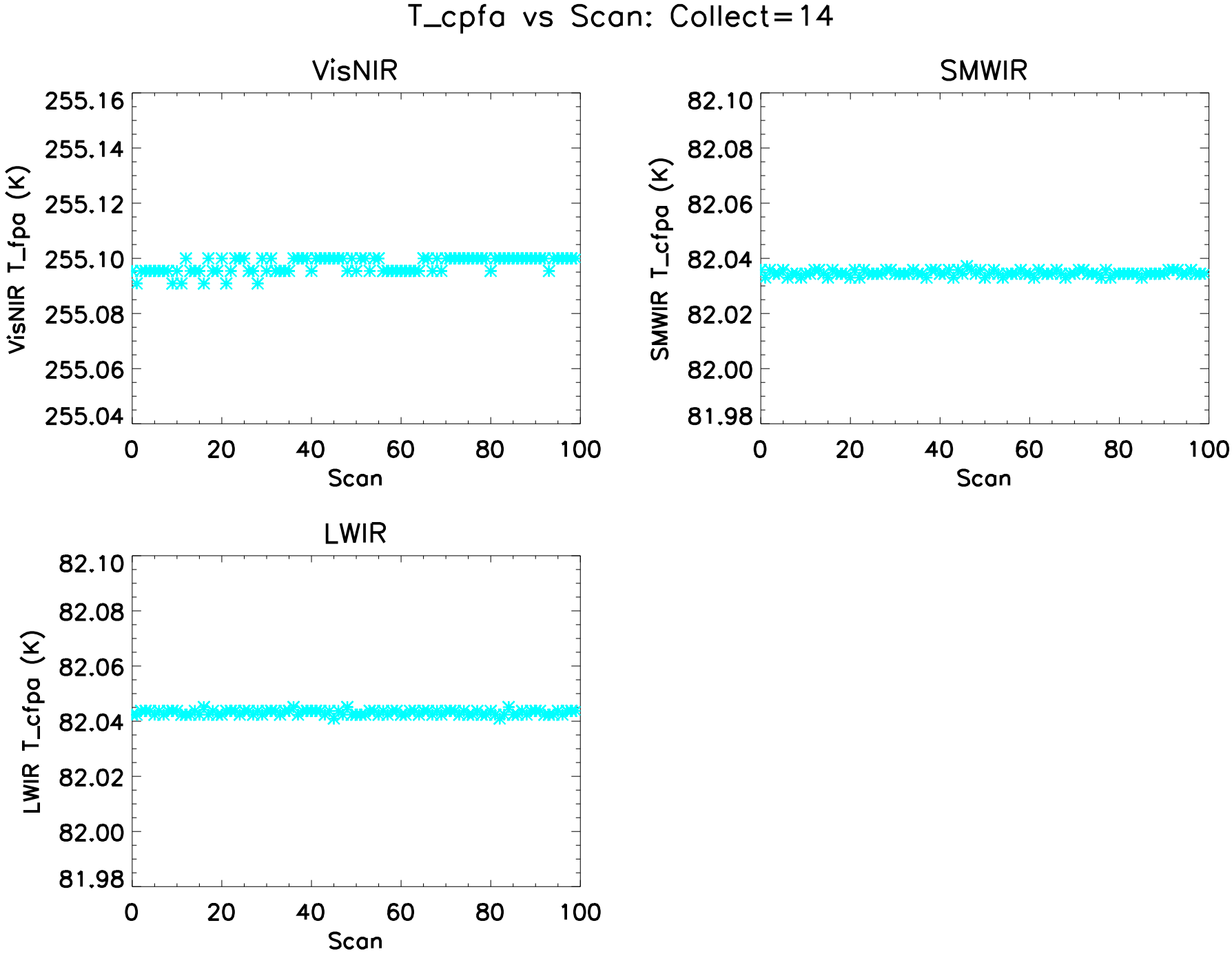

T_cpfa vs Scan: Collect=9
VisNIR
VisNIR T_fpa (K)
254.78
254.76
254.74
254.72
254.70
254.68
254.66
254.64
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

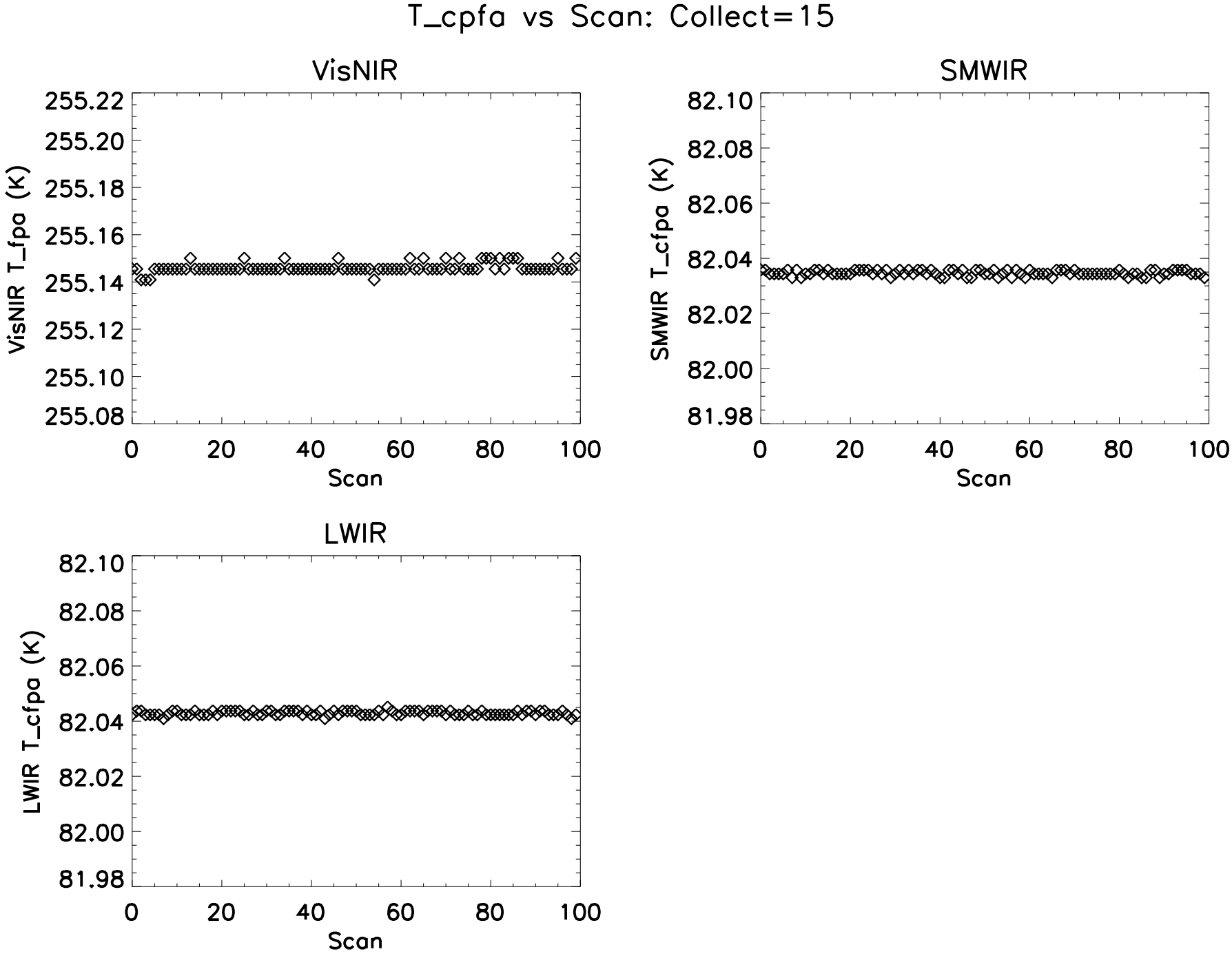

T_cpfa vs Scan: Collect=10
VisNIR
VisNIR T_fpa (K)
255.00
254.98
254.96
254.94
254.92
254.90
254.88
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

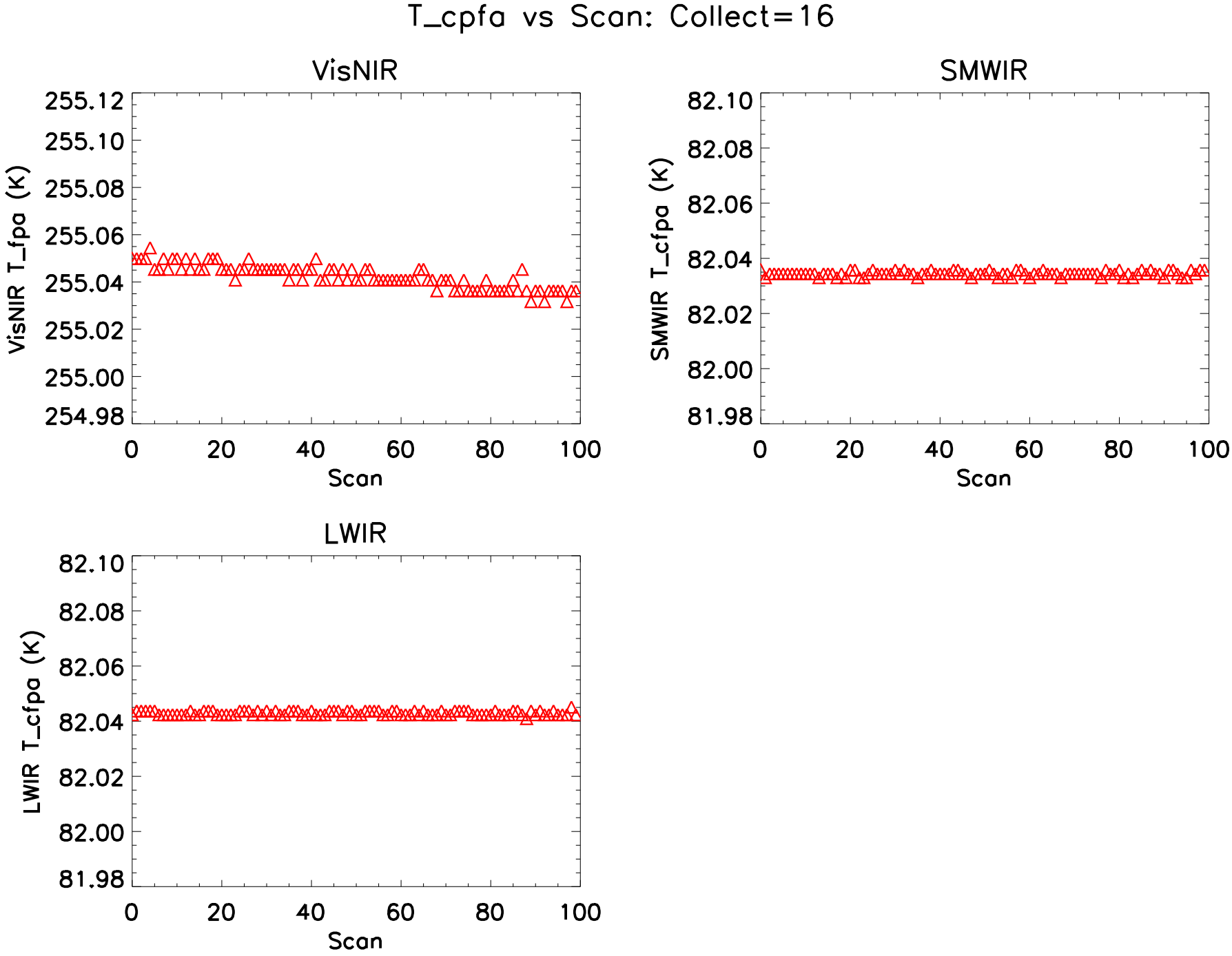

T_cpfa vs Scan: Collect=11
VisNIR
VisNIR T_fpa (K)
255.04
255.02
255.00
254.98
254.96
254.94
254.92
254.90
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

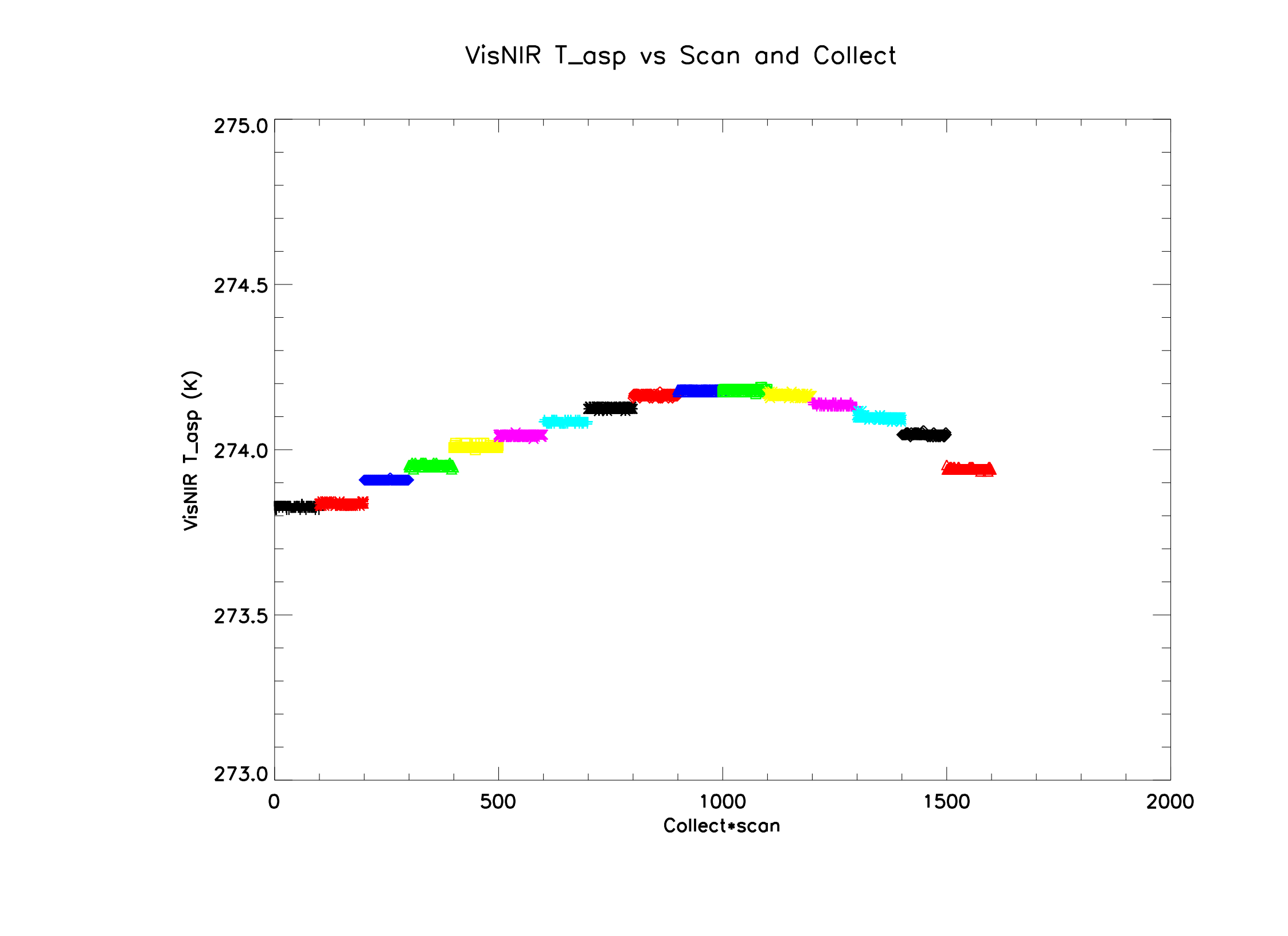

T_cpfa vs Scan: Collect=12
VisNIR
VisNIR T_fpa (K)
255.08
255.06
255.04
255.02
255.00
254.98
254.96
254.94
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

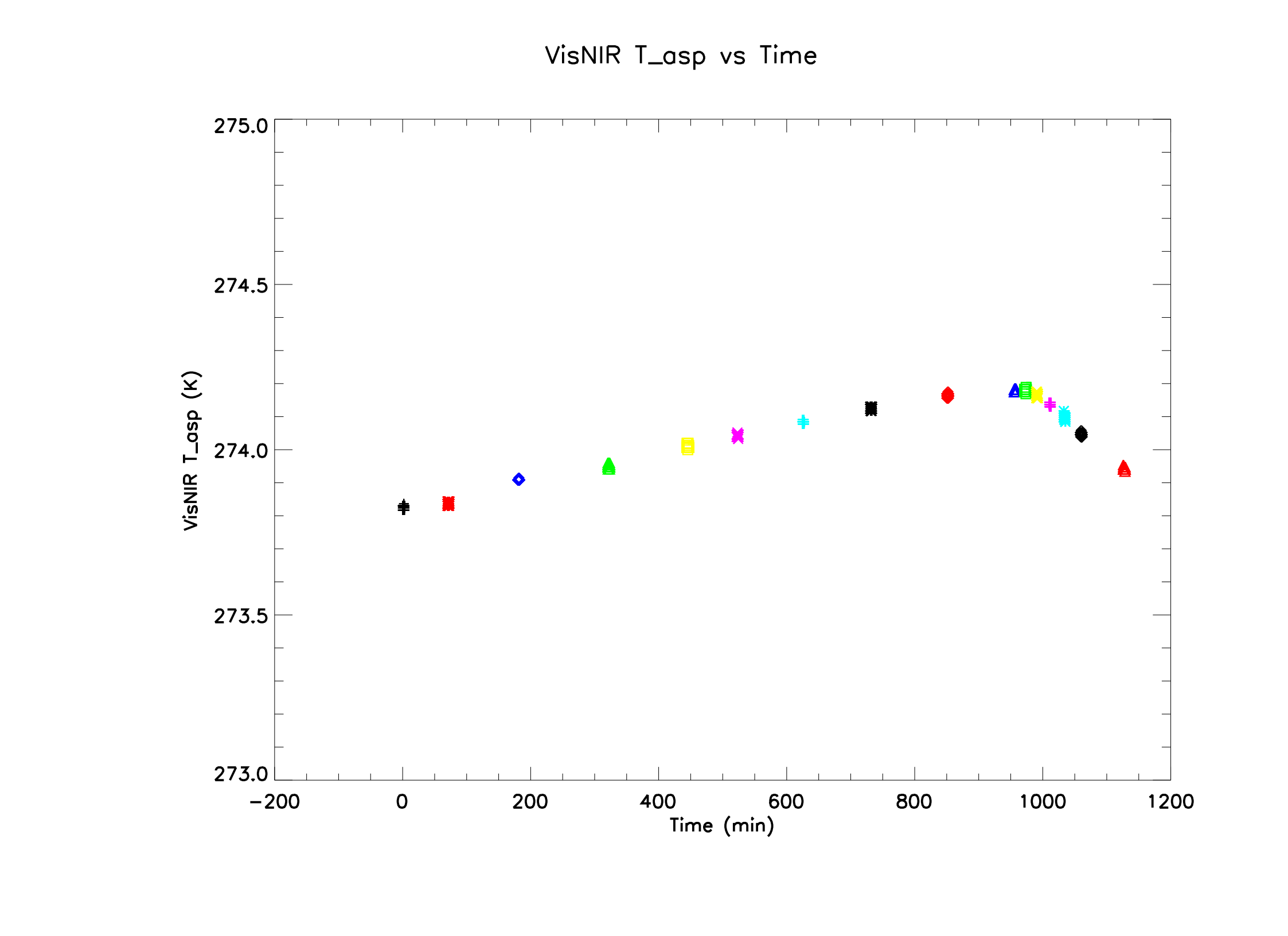

T_cpfa vs Scan: Collect=13
VisNIR
VisNIR T_fpa (K)
255.12
255.10
255.08
255.06
255.04
255.02
255.00
254.98
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

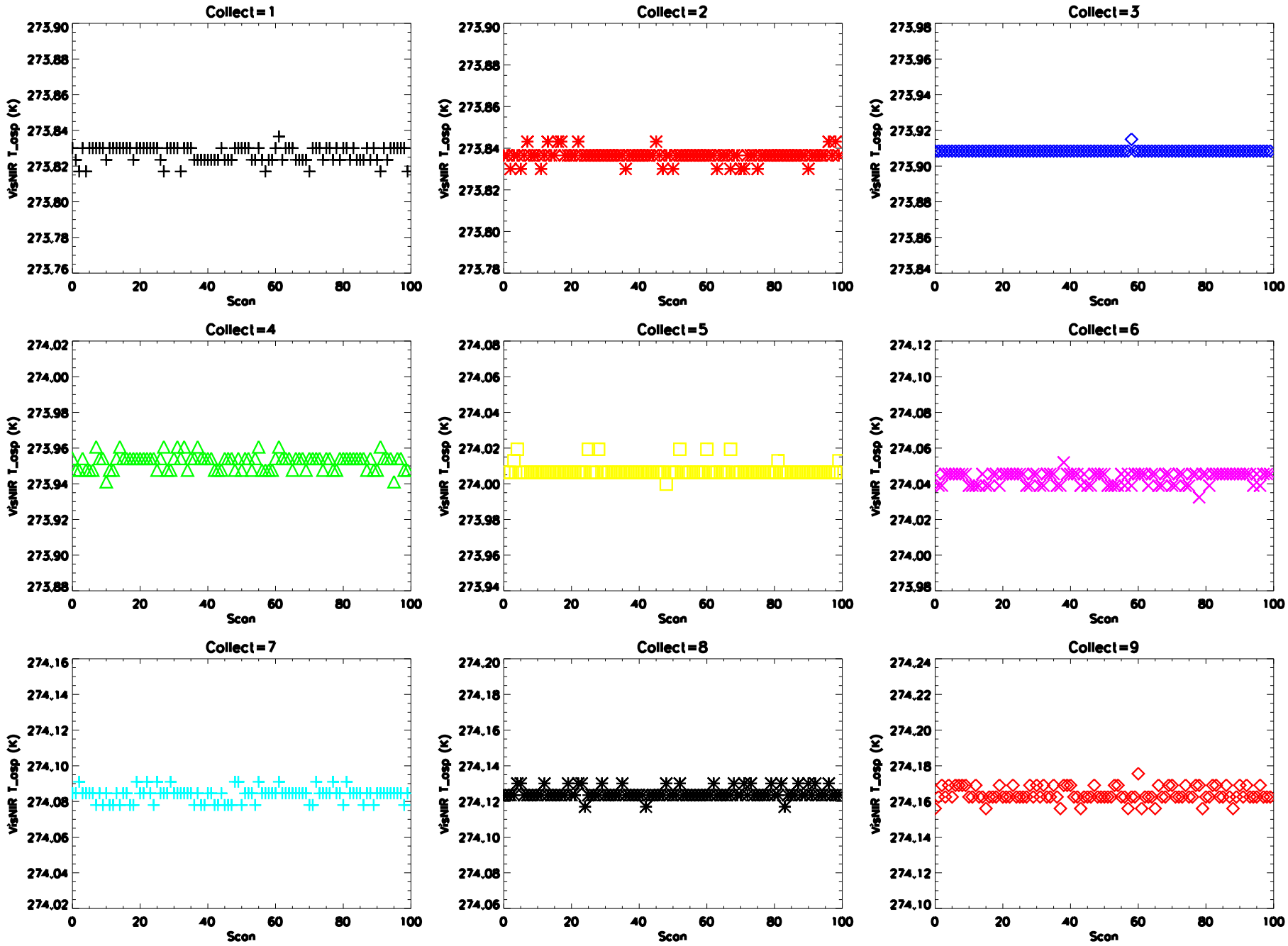

T_cpfa vs Scan: Collect=14
VisNIR
VisNIR T_fpa (K)
255.16
255.14
255.12
255.10
255.08
255.06
255.04
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan


T_cpfa vs Scan: Collect=15
VisNIR
VisNIR T_fpa (K)
255.22
255.20
255.18
255.16
255.14
255.12
255.10
255.08
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

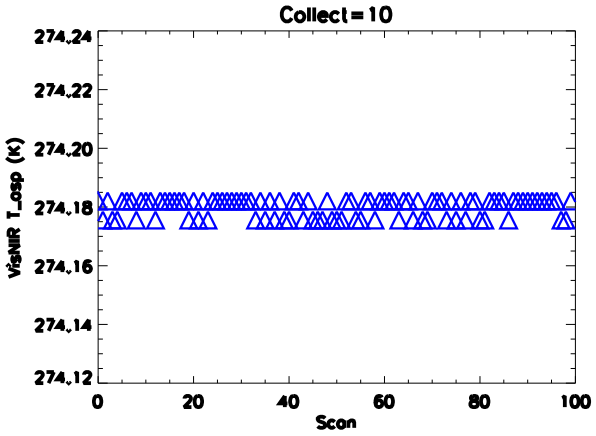

T_cpfa vs Scan: Collect=16
VisNIR
VisNIR T_fpa (K)
255.12
255.10
255.08
255.06
255.04
255.02
255.00
254.98
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
20
40
60
80
100
Scan

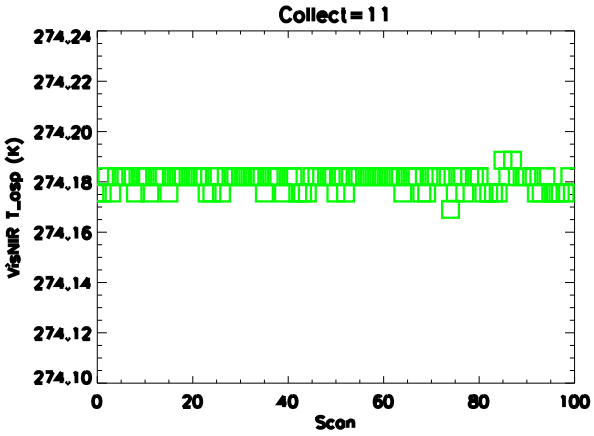

VisNIR T_asp vs Scan and Collect
275.0
274.5
274.0
273.5
273.0
VisNIR T_asp (K)
0
500
1000
1500
2000
Collect*scan

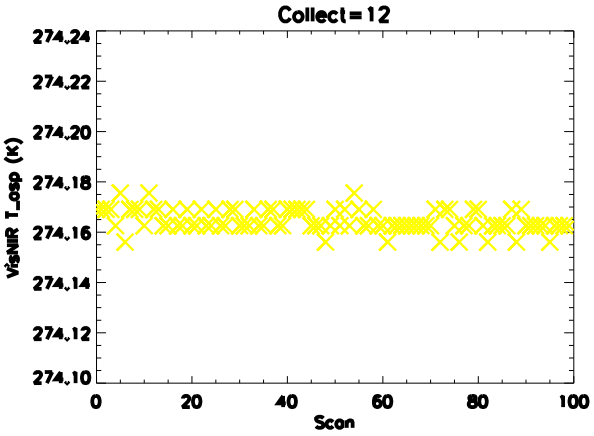

VisNIR T_asp vs Time
VisNIR T_asp (K)
275.0
274.5
274.0
273.5
273.0
−200
0
200
400
600
800
1000
1200
Time (min)

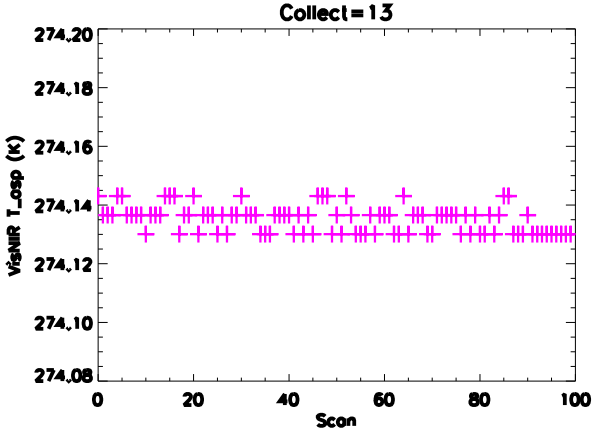

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
VisNIR T_osp (K)
Scan

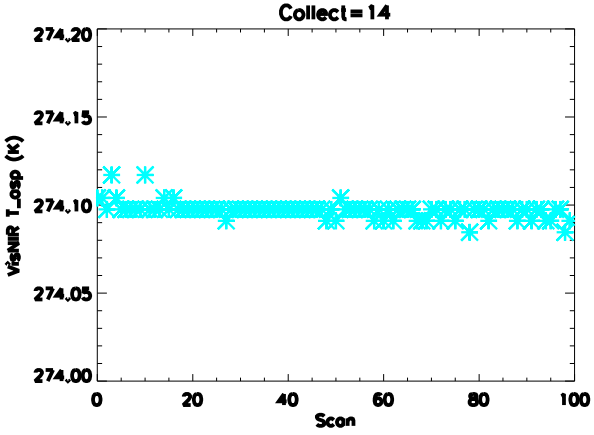
VisNIR T_asp vs Scan

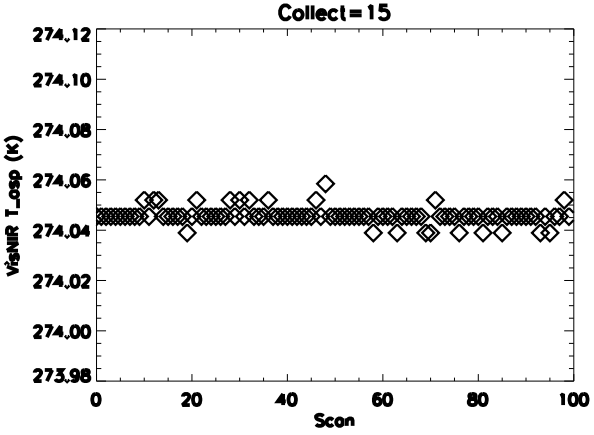


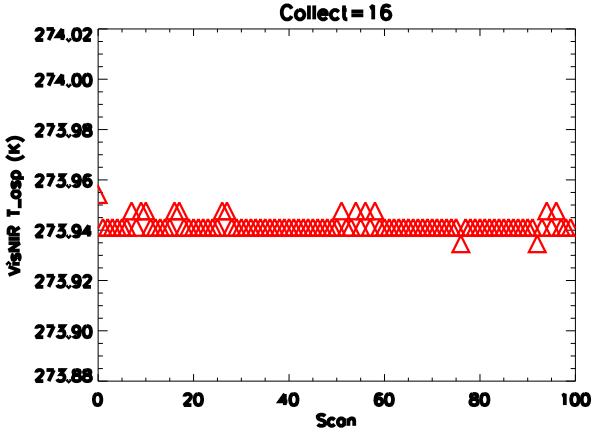


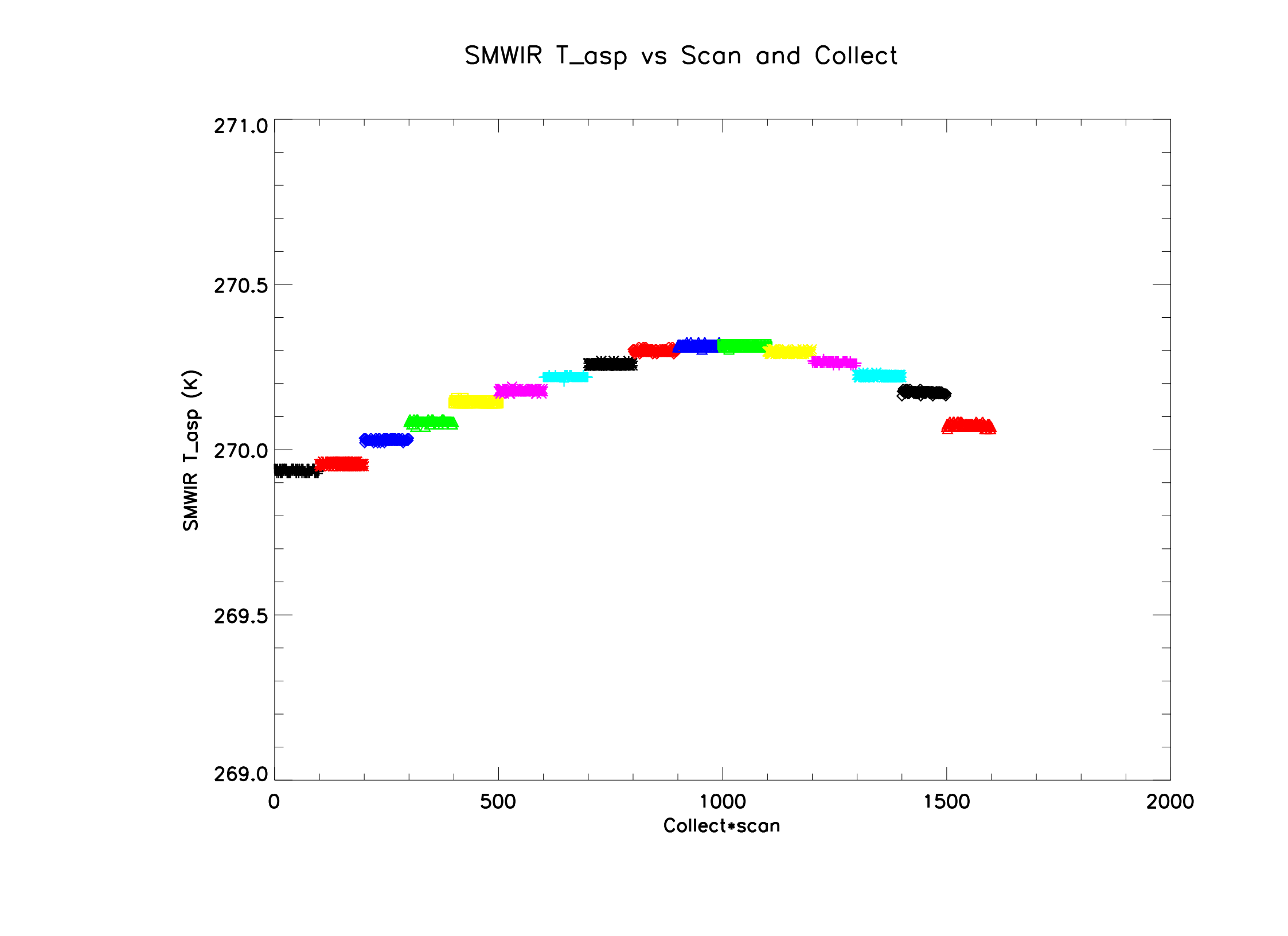


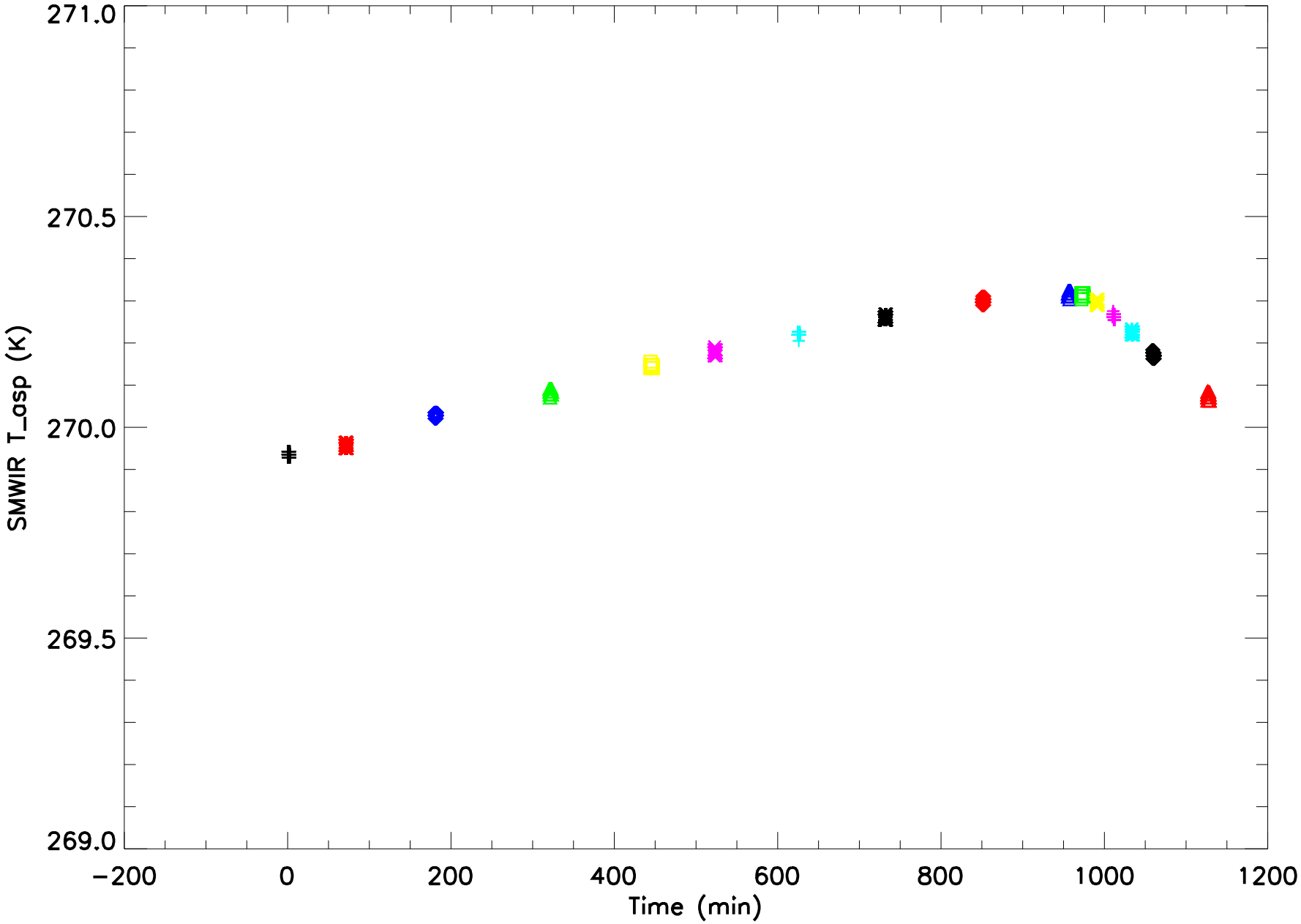


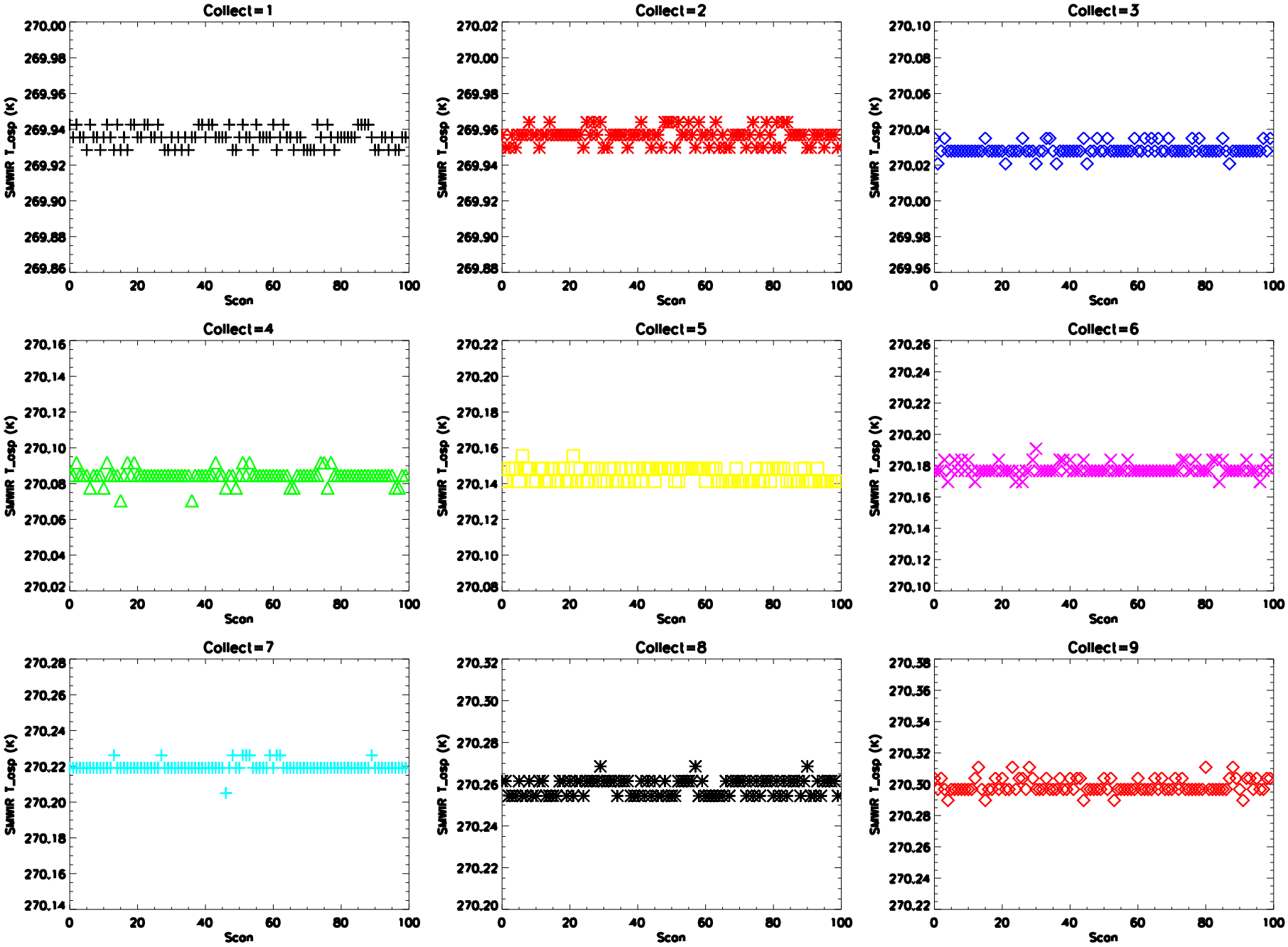




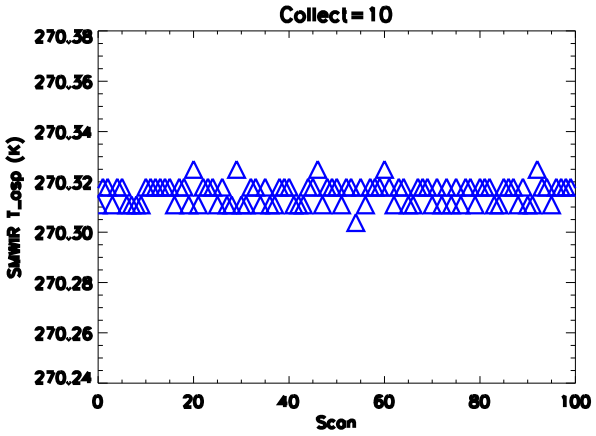


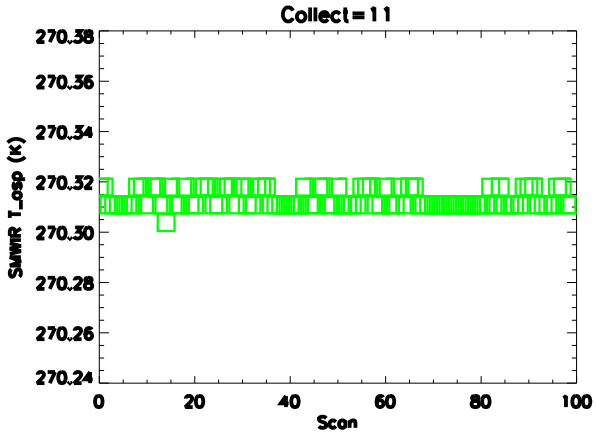

SMWIR T_asp vs Scan and Collect
271.0
270.5
270.0
269.5
269.0
SMWIR T_asp (K)
0
500
1000
1500
2000
Collect*scan

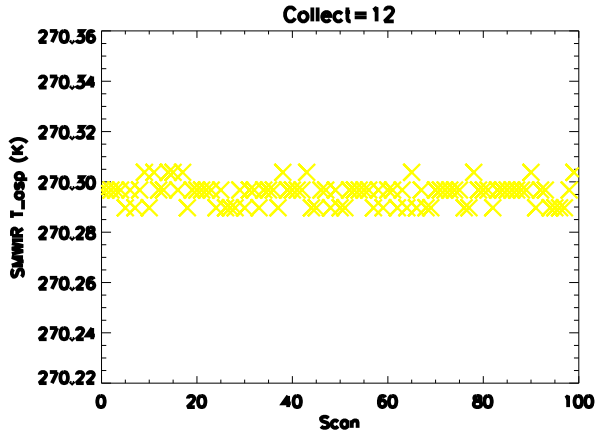

SMWIR T_asp vs Time
271.0
270.5
270.0
269.5
269.0
SMWIR T_asp (K)
−200
0
200
400
600
800
1000
1200
Time (min)

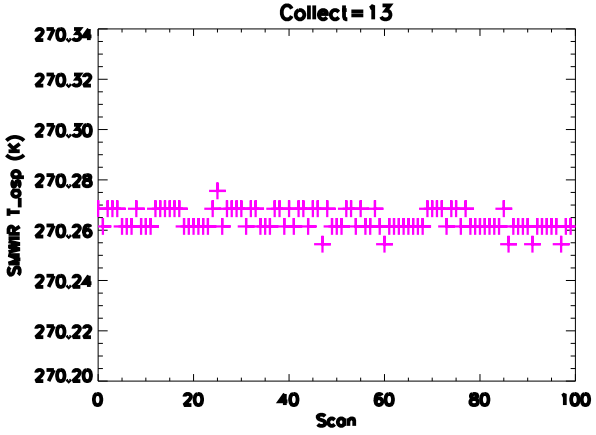

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
SWWR T_osp (K)
Scan

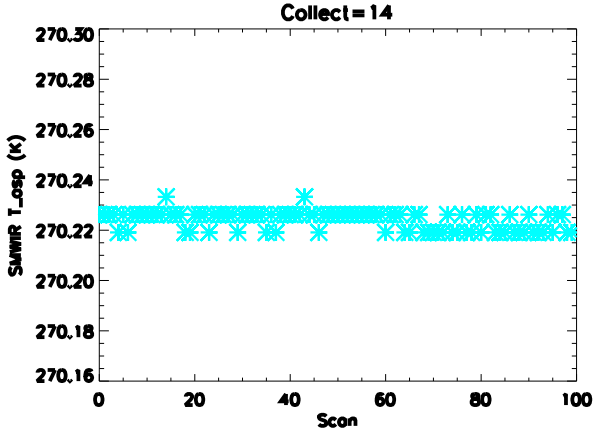
SMWIR T_asp vs Scan

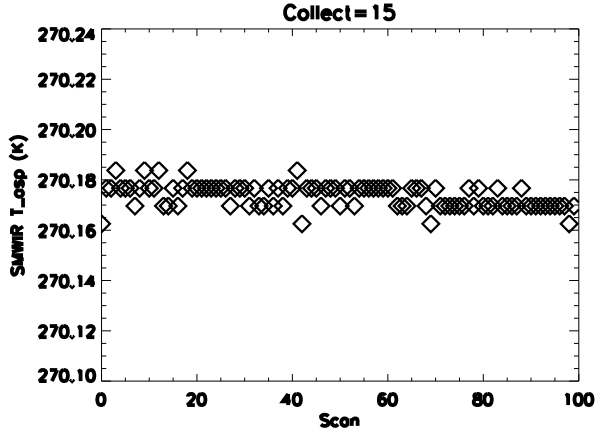


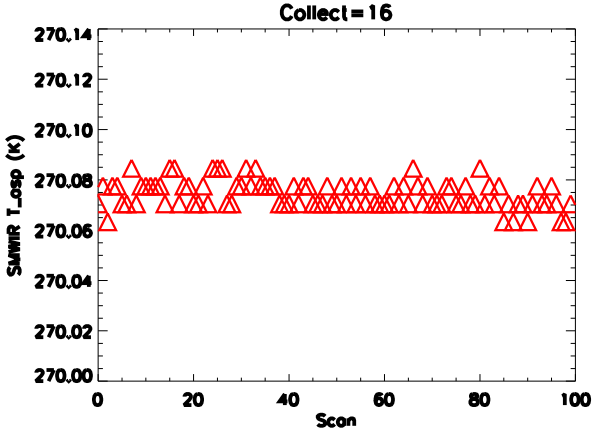


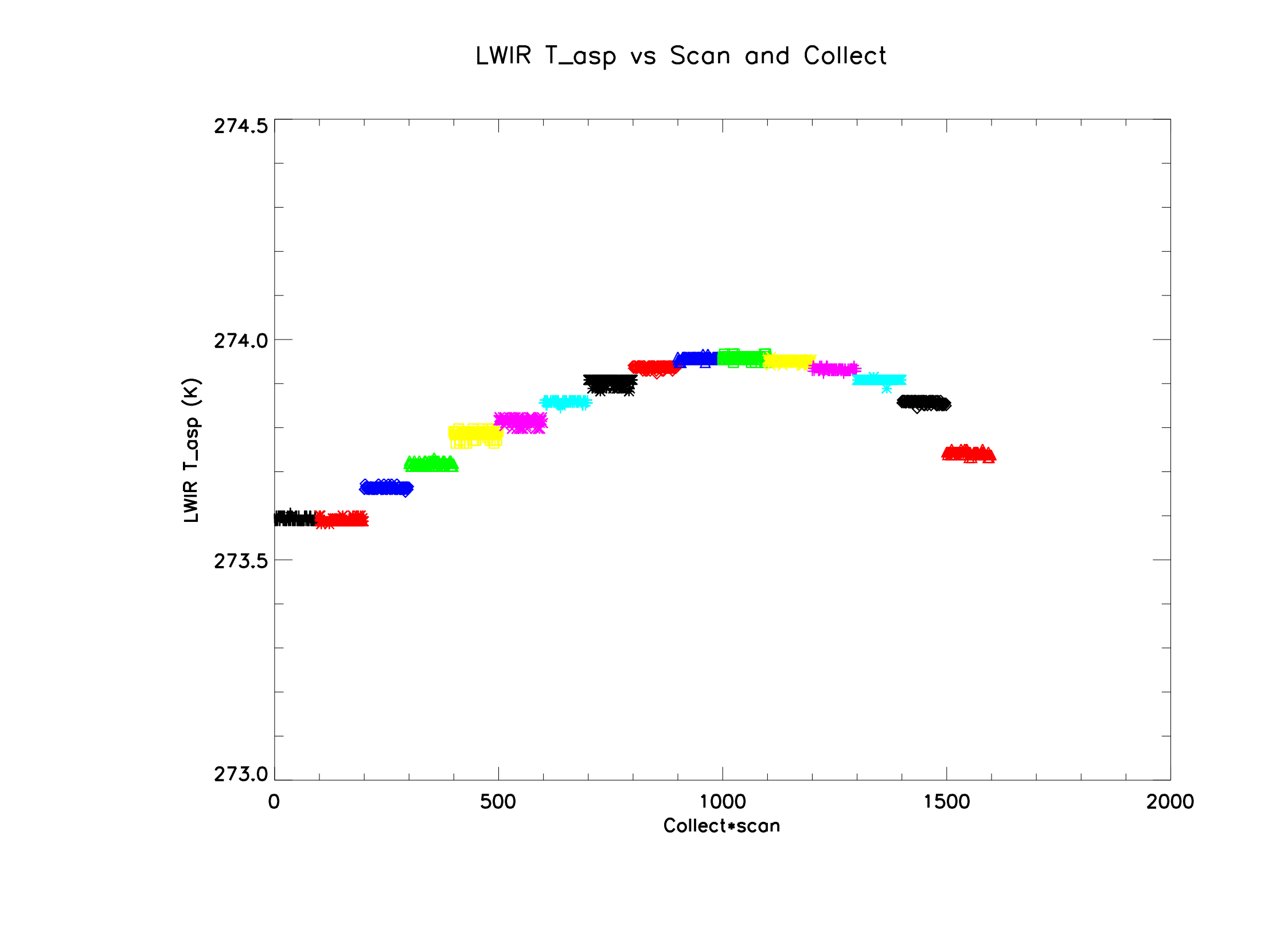


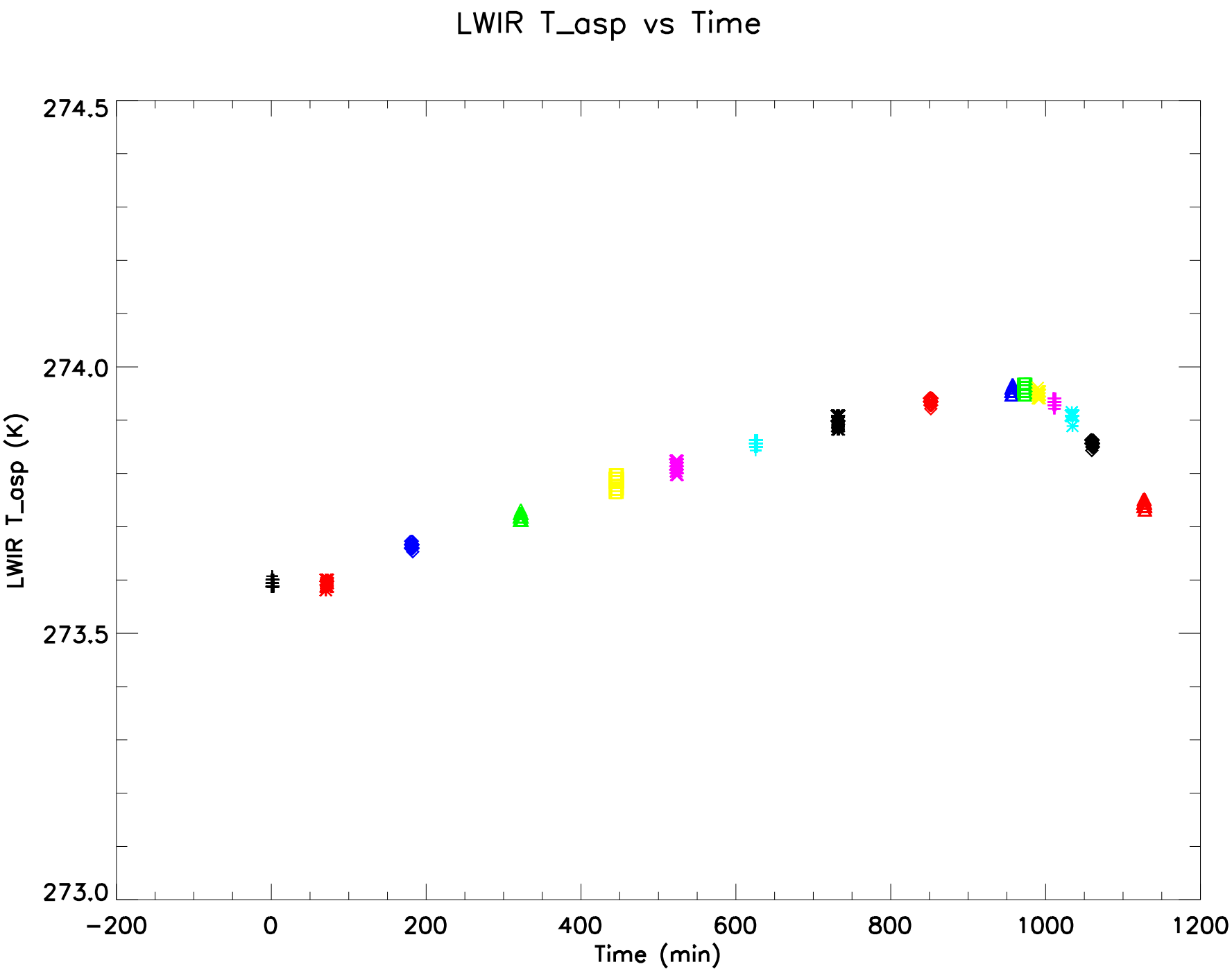


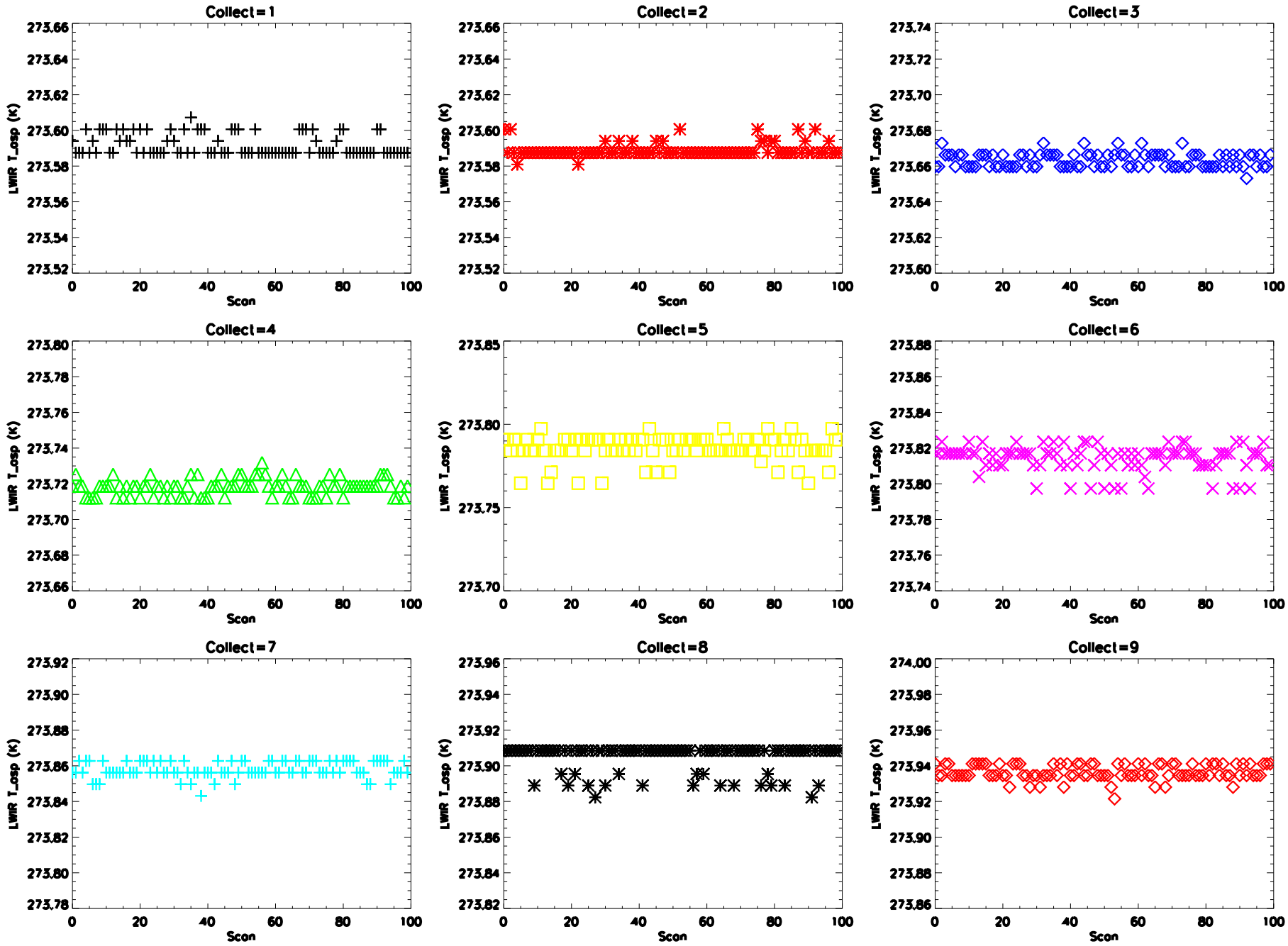




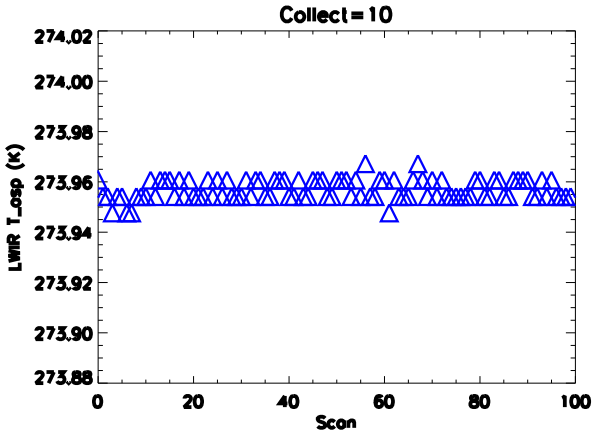


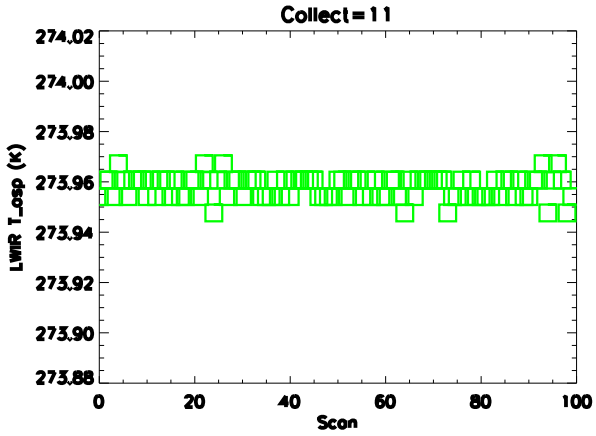

LWIR T_asp vs Scan and Collect
274.5
274.0
273.5
273.0
LWIR T_asp (K)
0
500
1000
1500
2000
Collect*scan

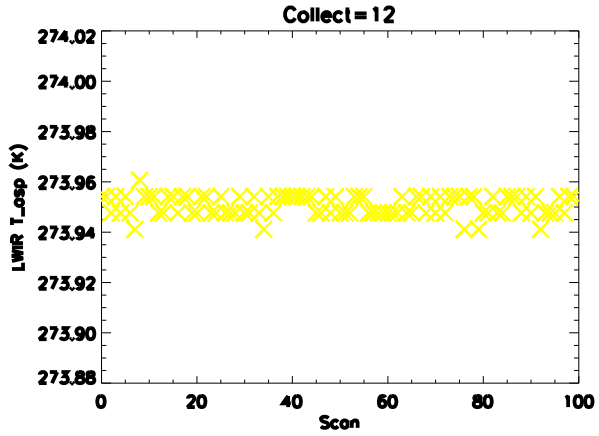

LWIR T_asp vs Time
LWIR T_asp (K)
274.5
274.0
273.5
273.0
−200
0
200
400
600
800
1000
1200
Time (min)

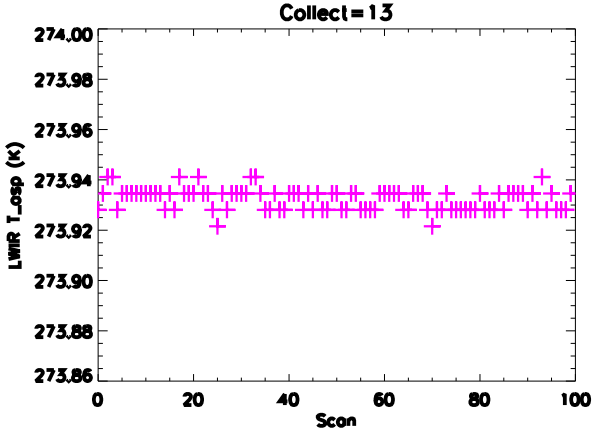

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
LWIR T_osp (K)
Scan

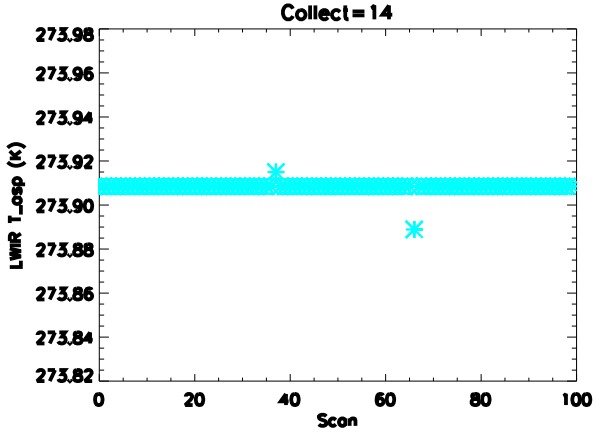
LWIR T_asp vs Scan

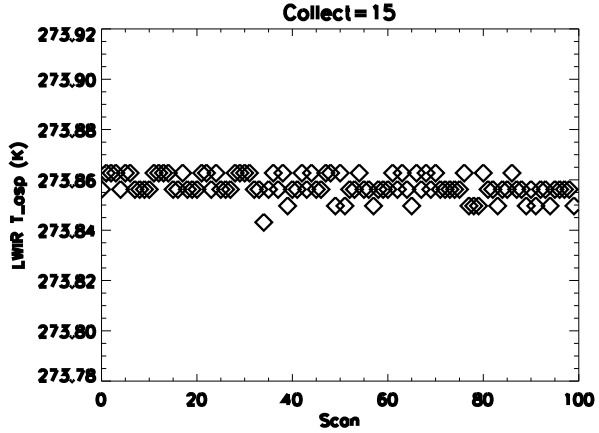


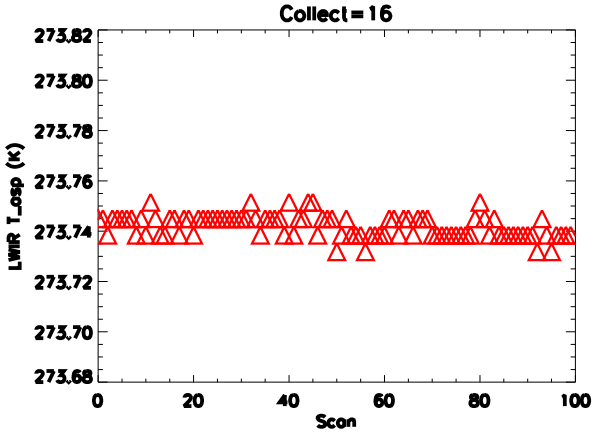


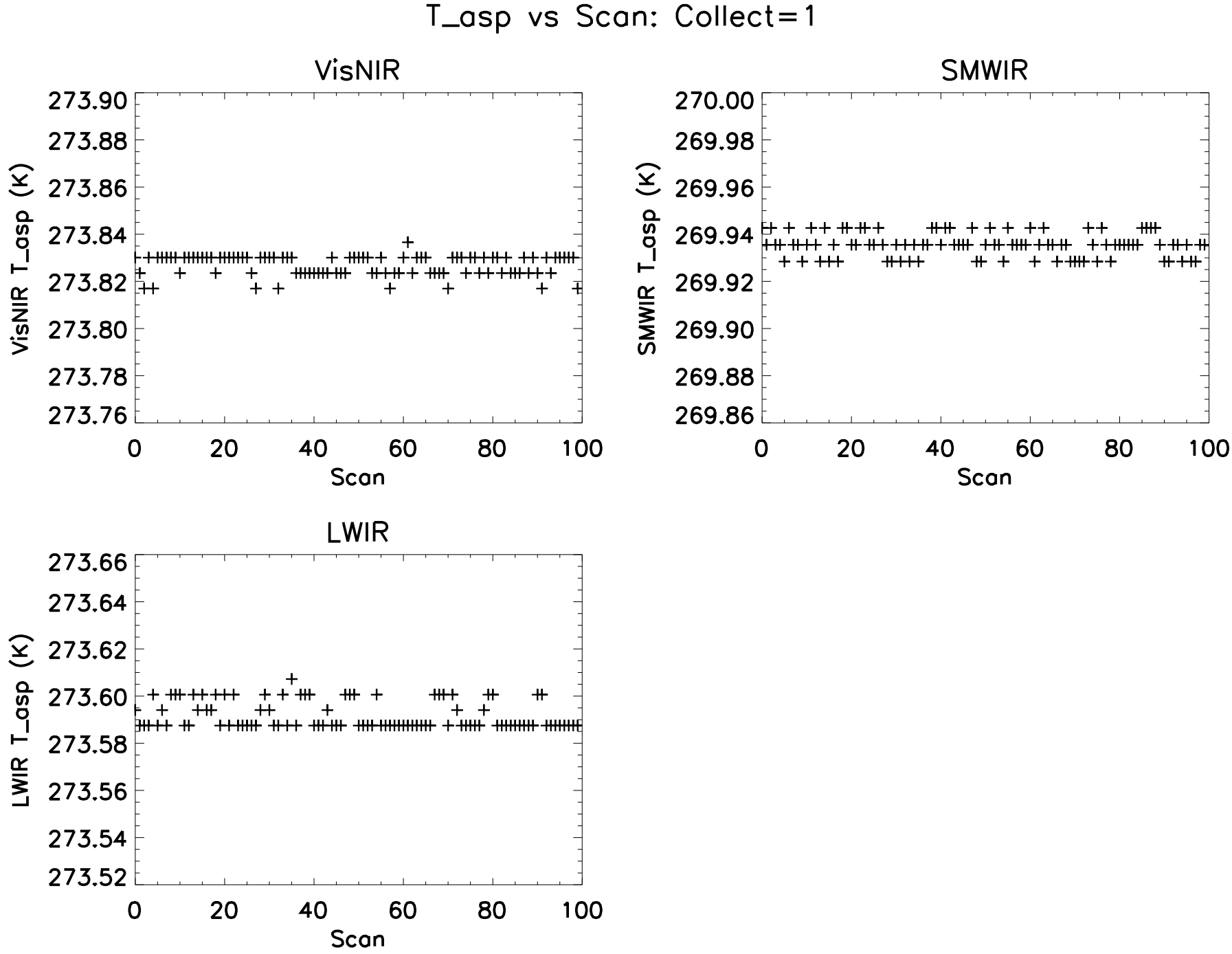


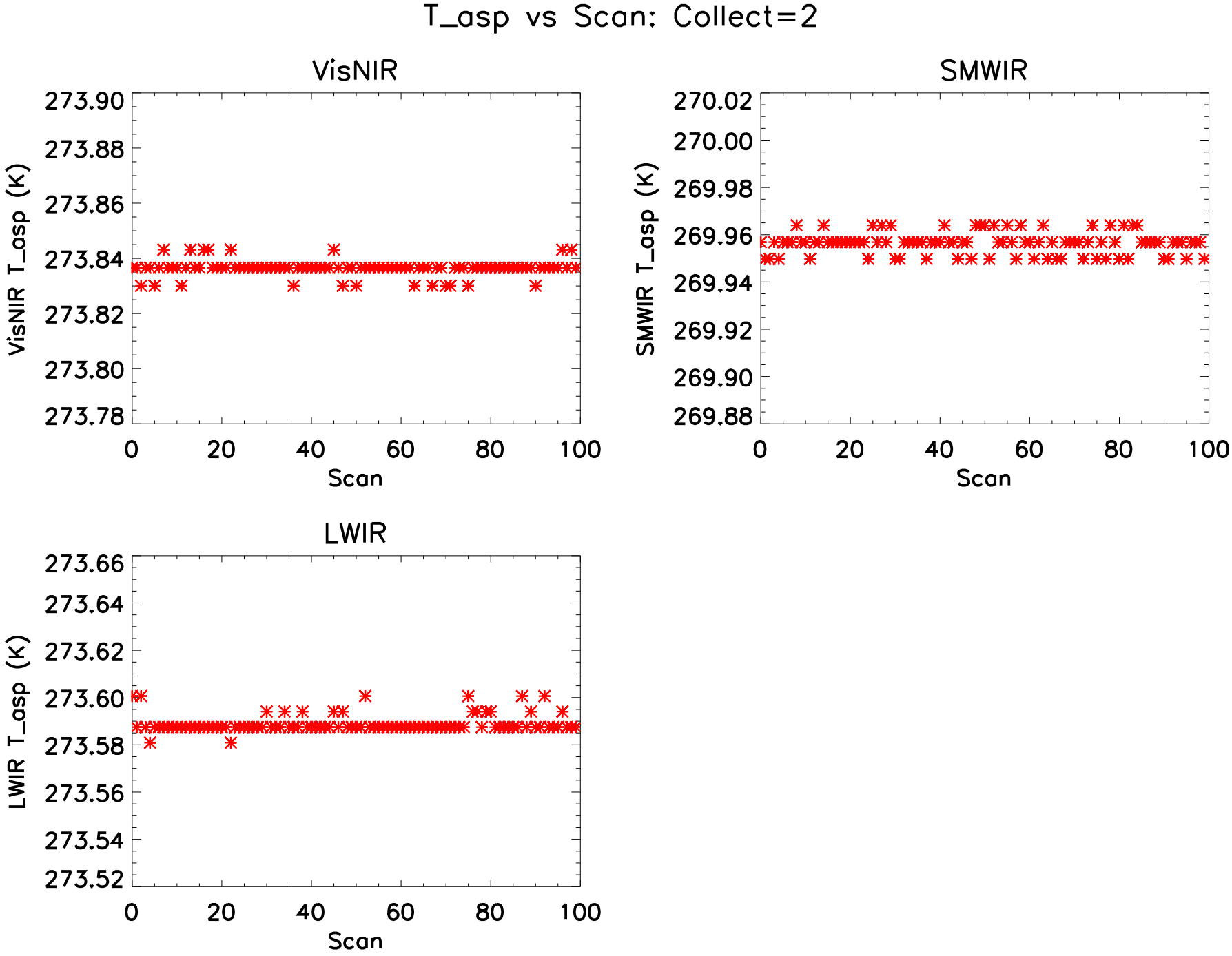


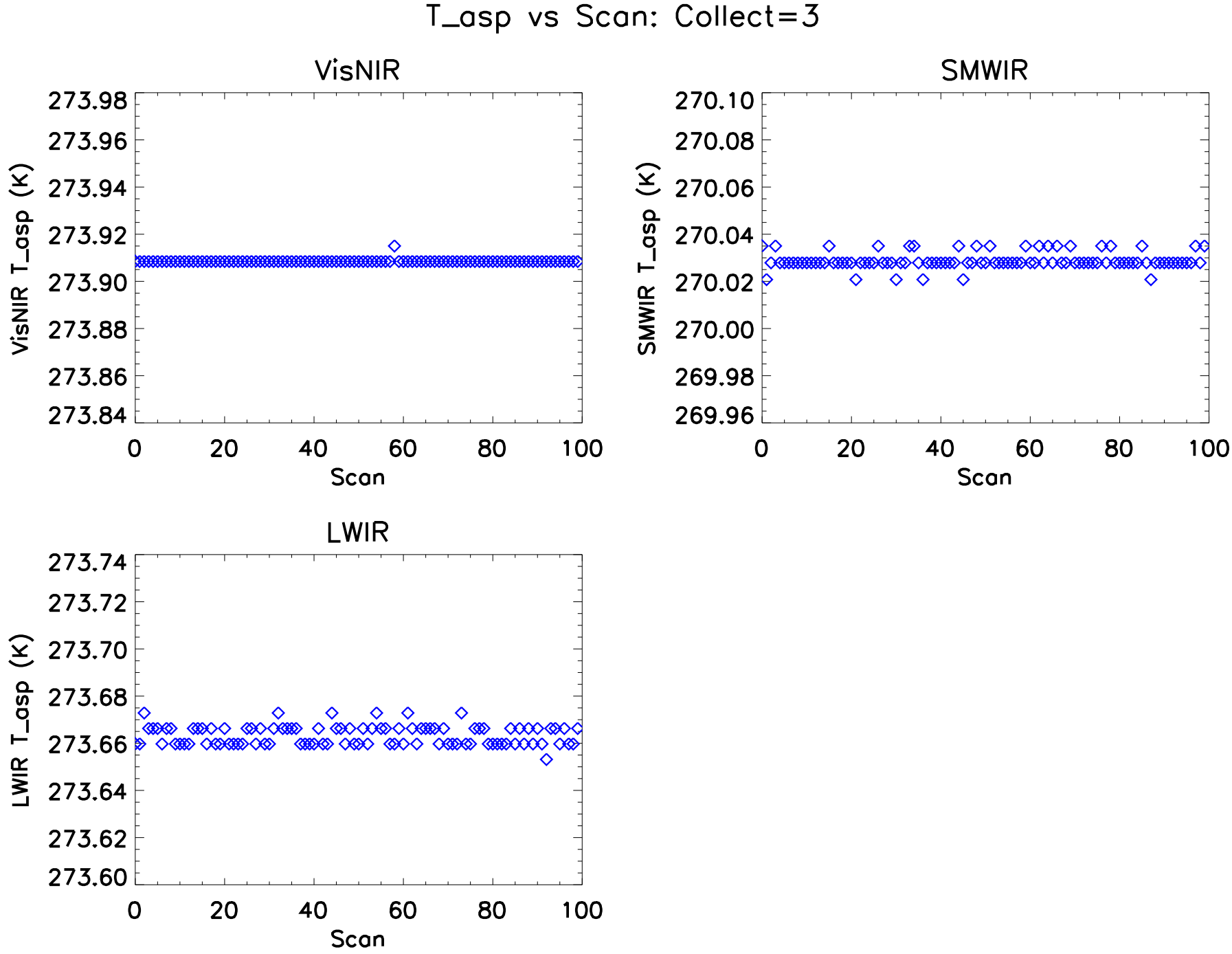


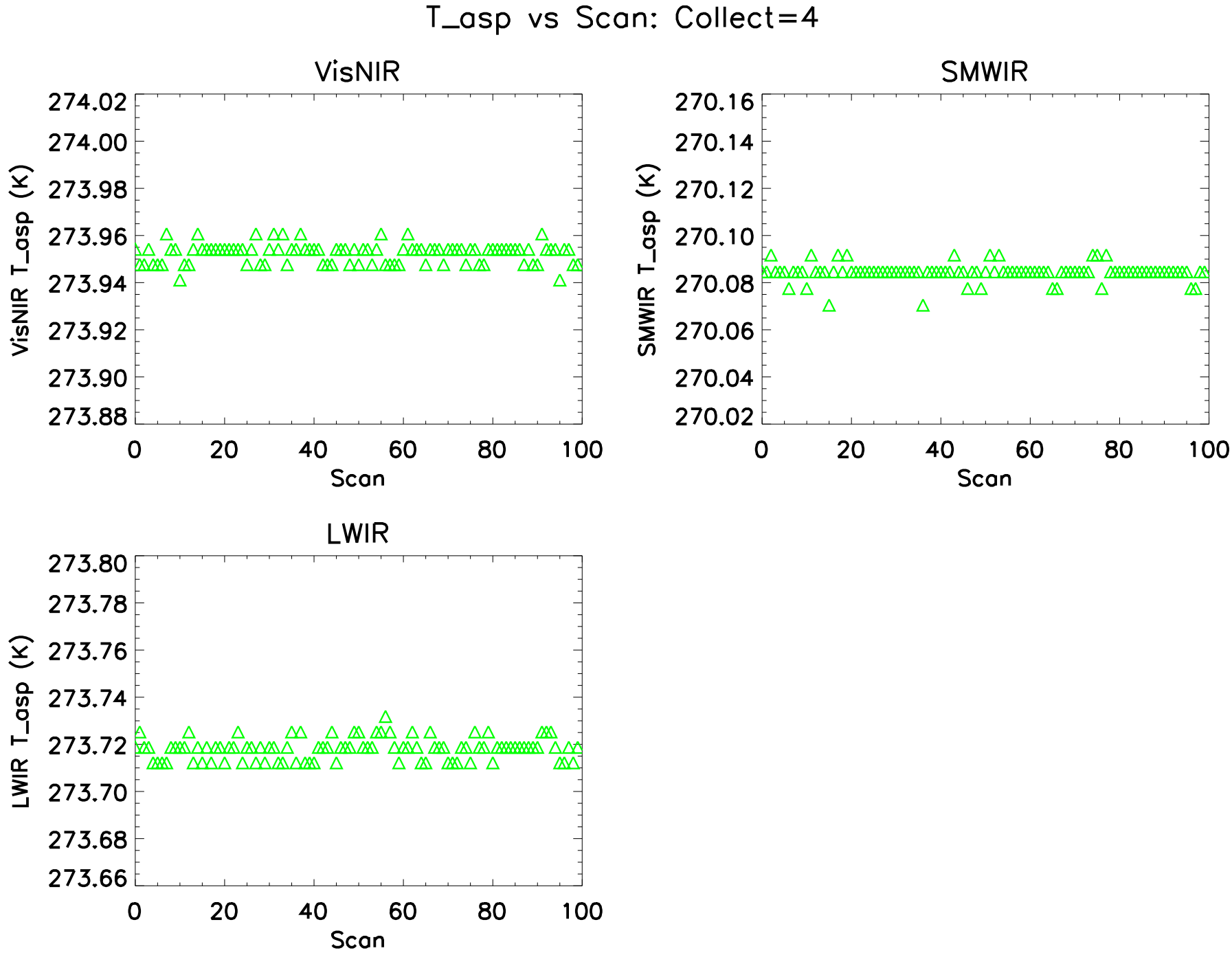


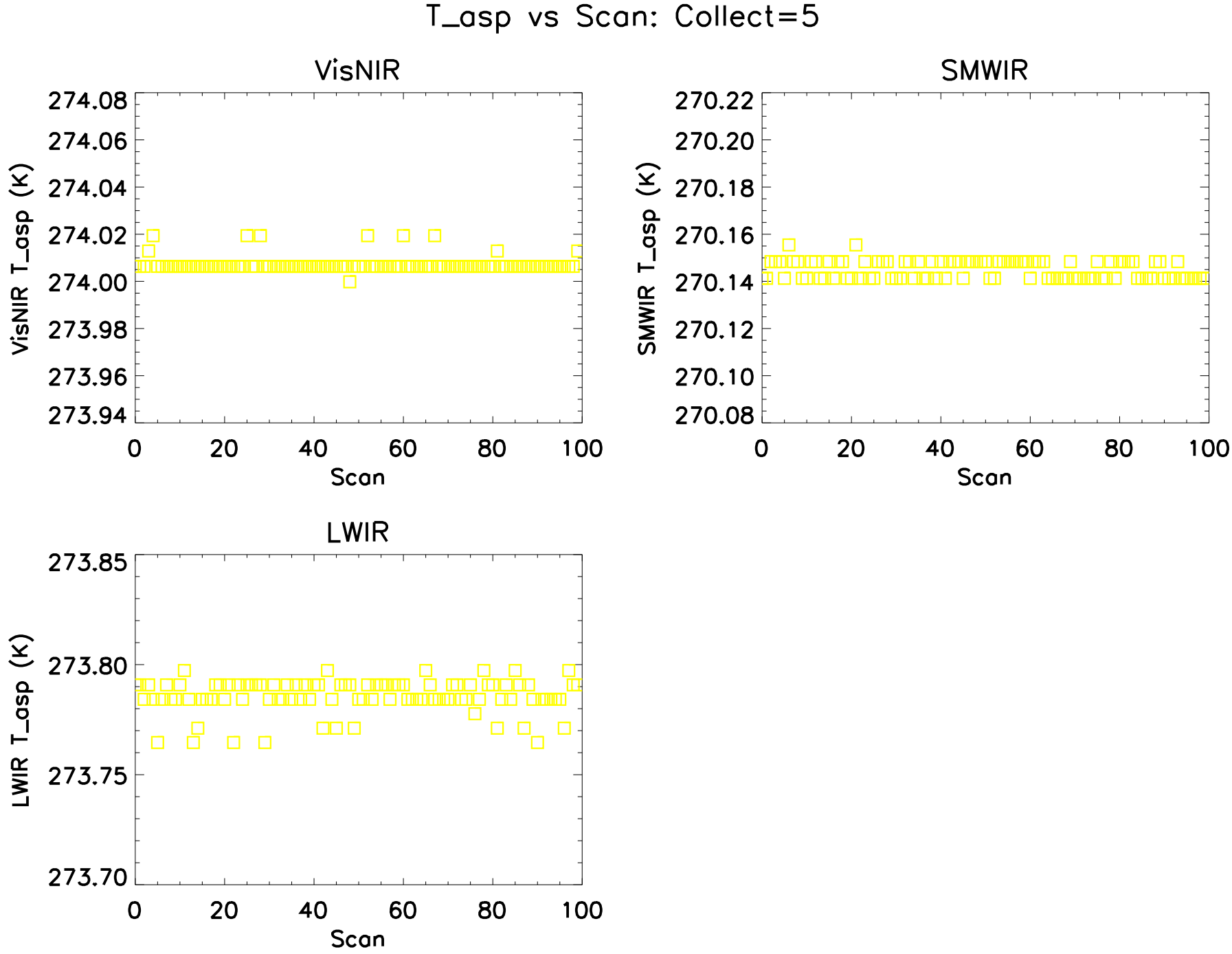


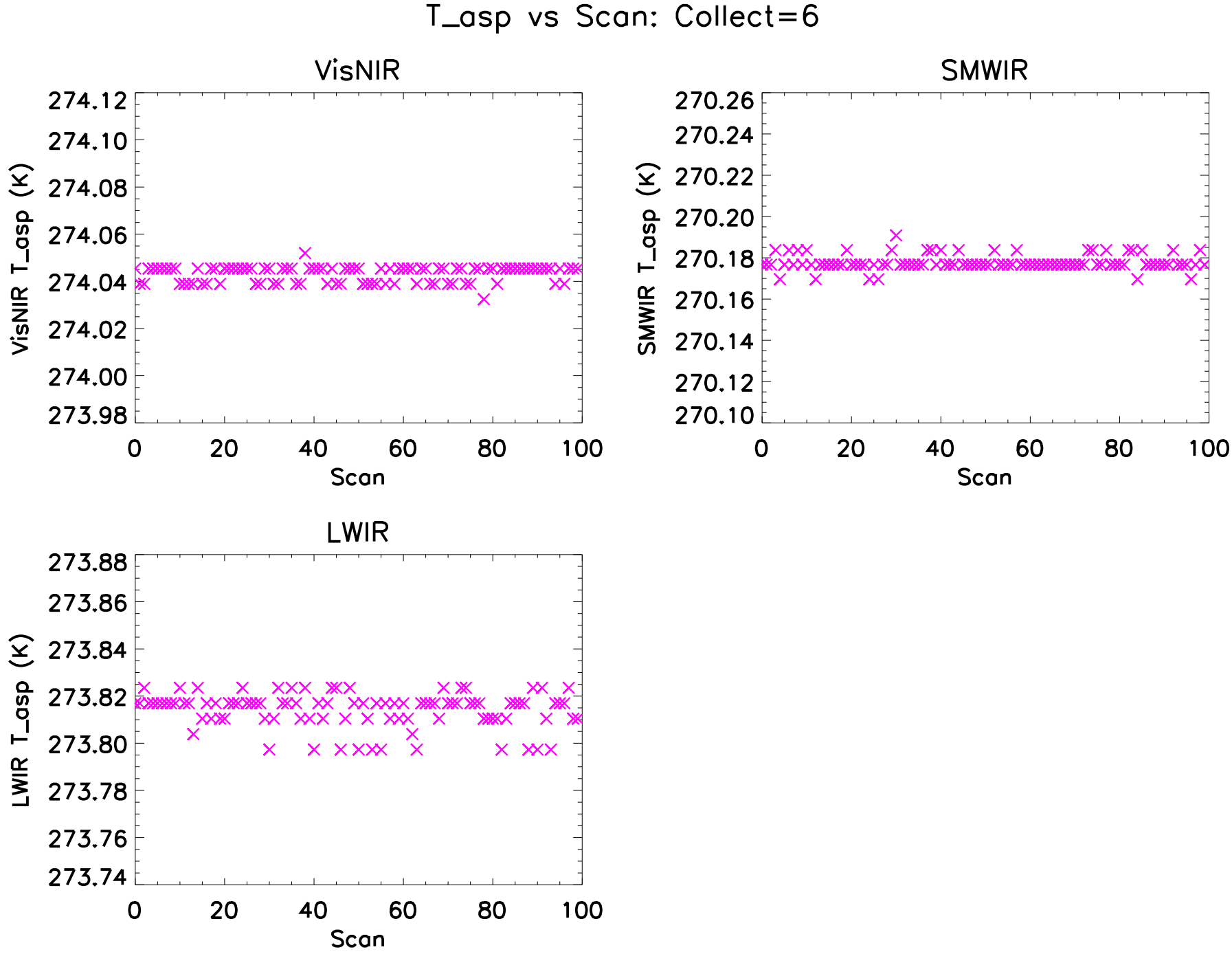

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
273.90
273.88
273.86
273.84
273.82
273.80
273.78
273.76
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.00
269.98
269.96
269.94
269.92
269.90
269.88
269.86
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.66
273.64
273.62
273.60
273.58
273.56
273.54
273.52
0
20
40
60
80
100
Scan

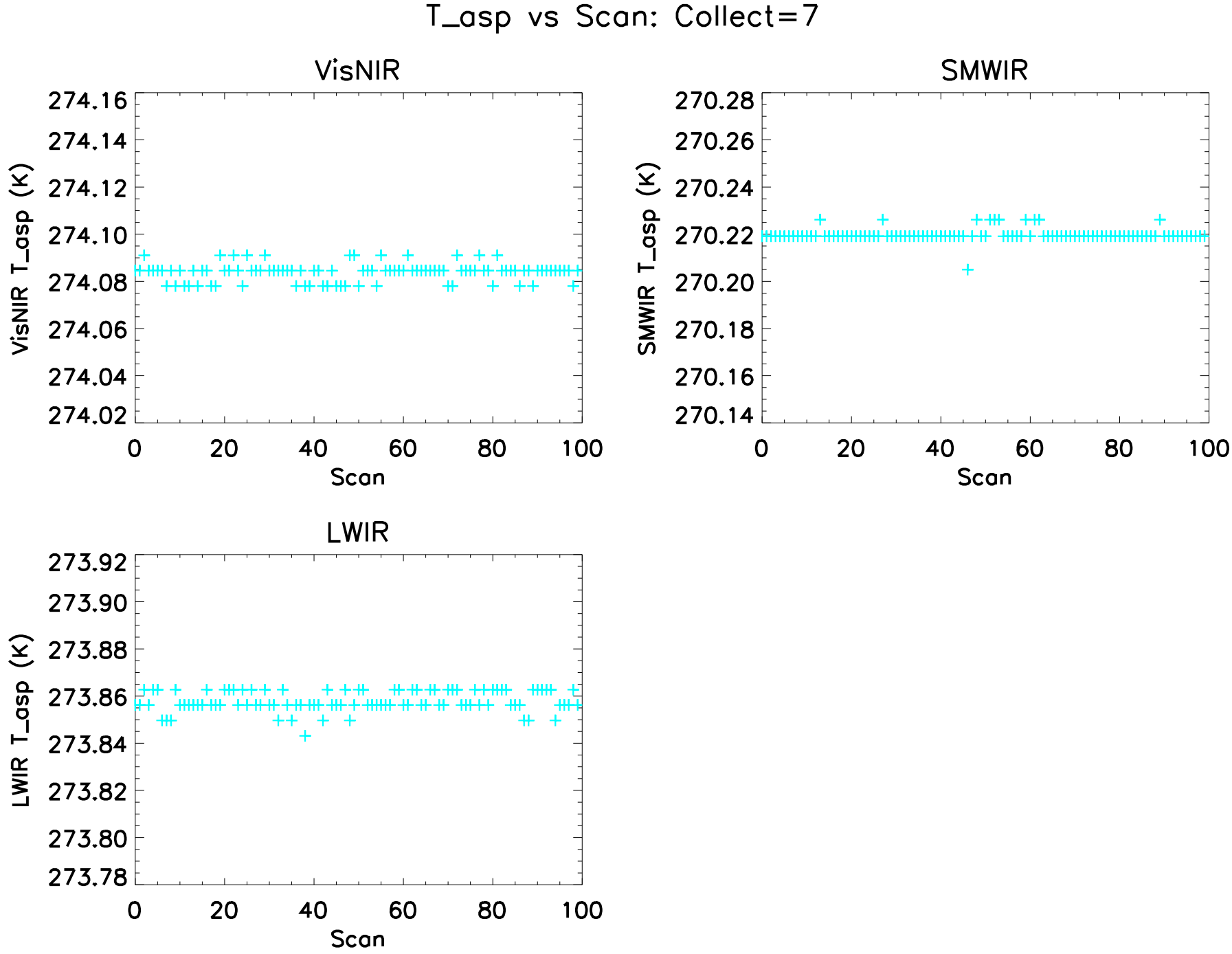

T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
273.90
273.88
273.86
273.84
273.82
273.80
273.78
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.02
270.00
269.98
269.96
269.94
269.92
269.90
269.88
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.66
273.64
273.62
273.60
273.58
273.56
273.54
273.52
0
20
40
60
80
100
Scan

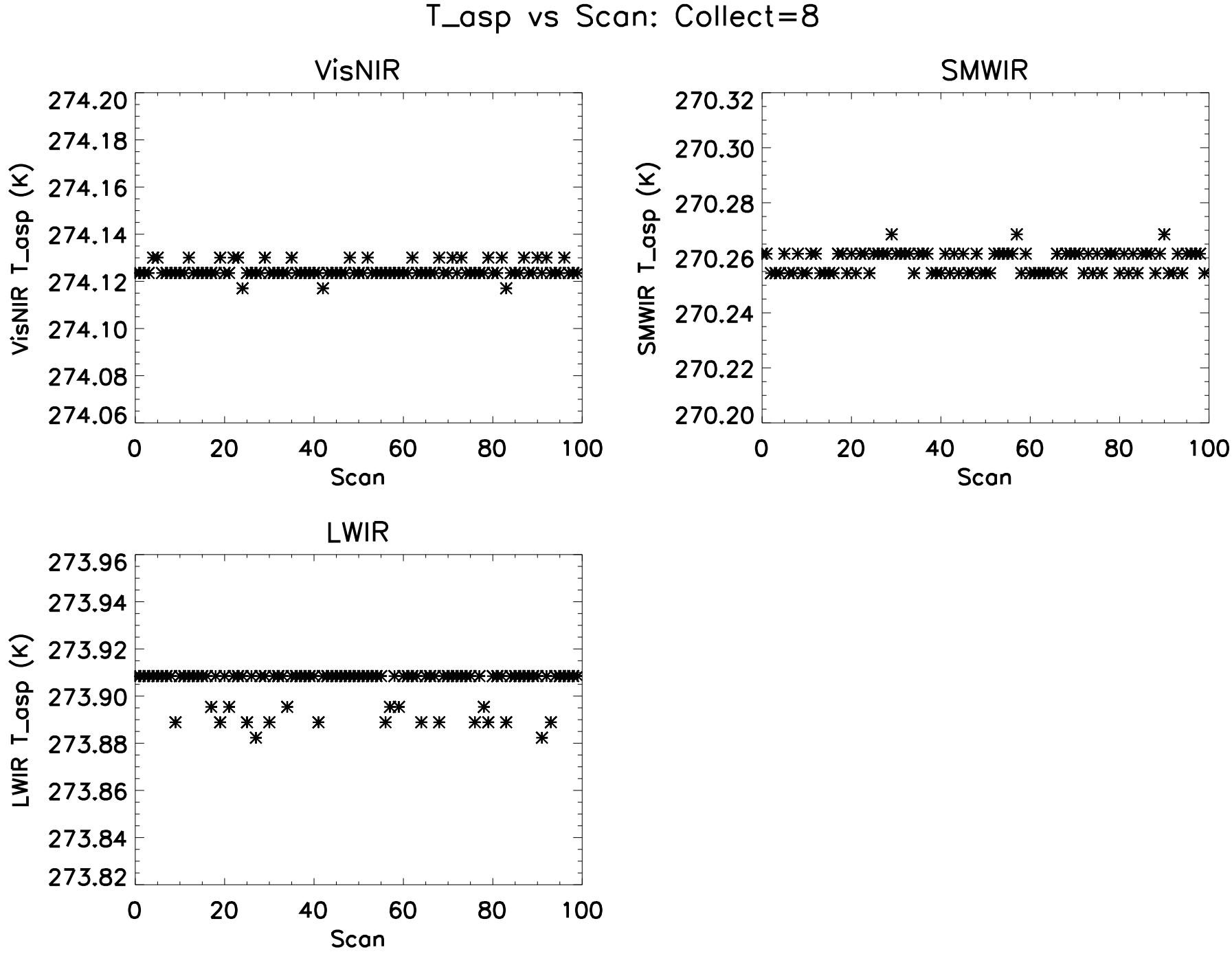

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
273.98
273.96
273.94
273.92
273.90
273.88
273.86
273.84
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.10
270.08
270.06
270.04
270.02
270.00
269.98
269.96
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.74
273.72
273.70
273.68
273.66
273.64
273.62
273.60
0
20
40
60
80
100
Scan

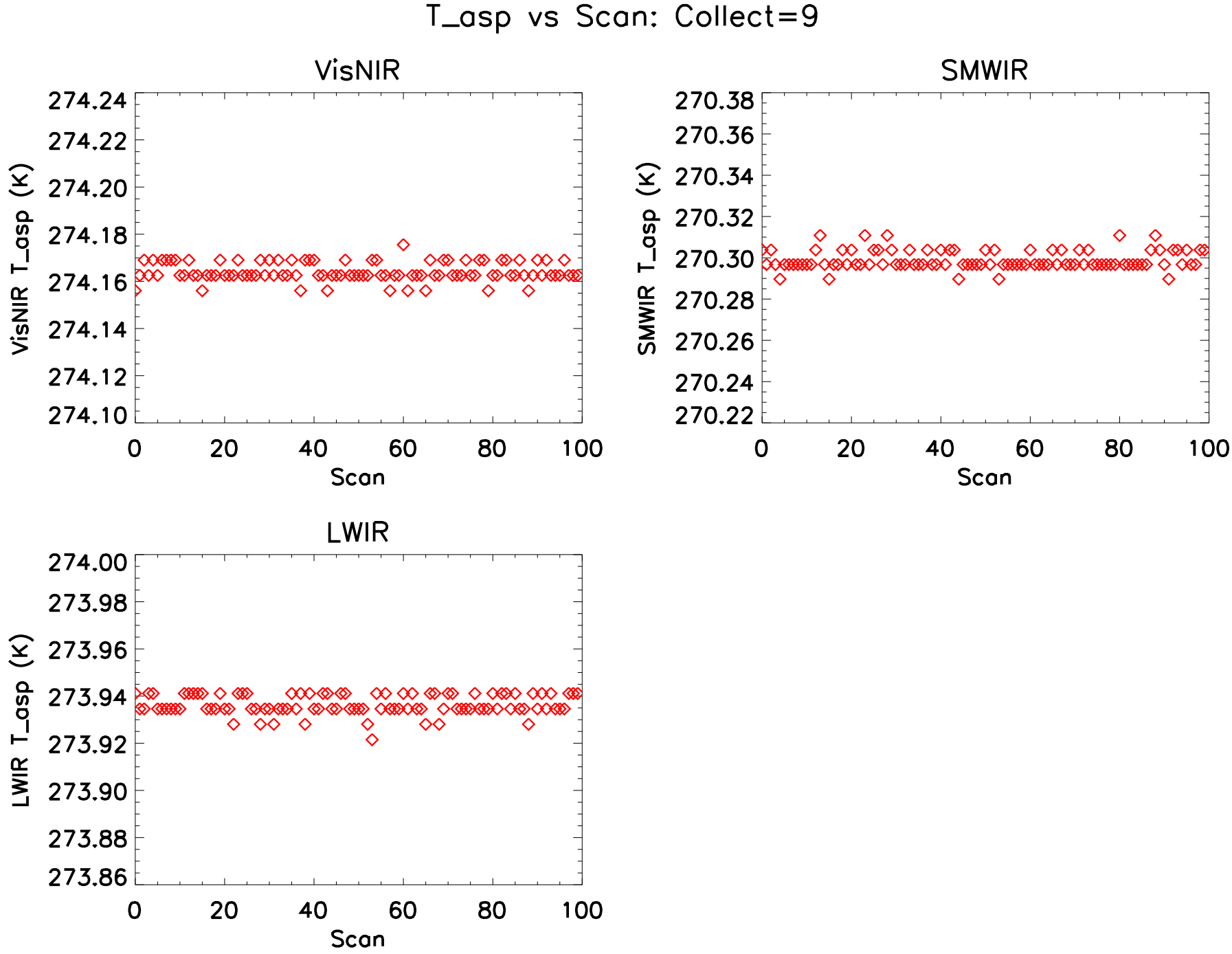

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.16
270.14
270.12
270.10
270.08
270.06
270.04
270.02
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.80
273.78
273.76
273.74
273.72
273.70
273.68
273.66
0
20
40
60
80
100
Scan

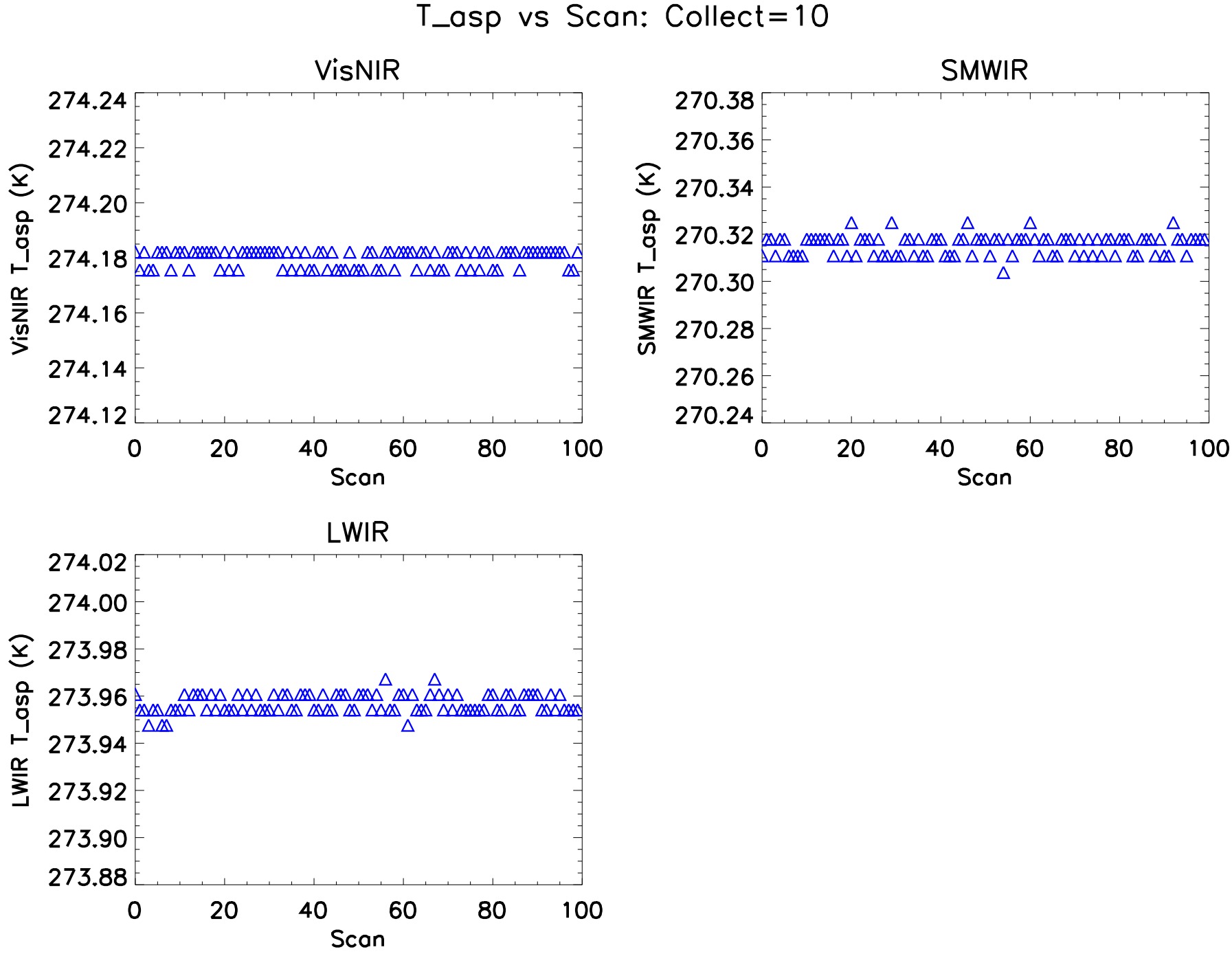

T_asp vs Scan: Collect=5
VisNIR
VisNIR T_asp (K)
274.08
274.06
274.04
274.02
274.00
273.98
273.96
273.94
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.22
270.20
270.18
270.16
270.14
270.12
270.10
270.08
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.85
273.80
273.75
273.70
0
20
40
60
80
100
Scan

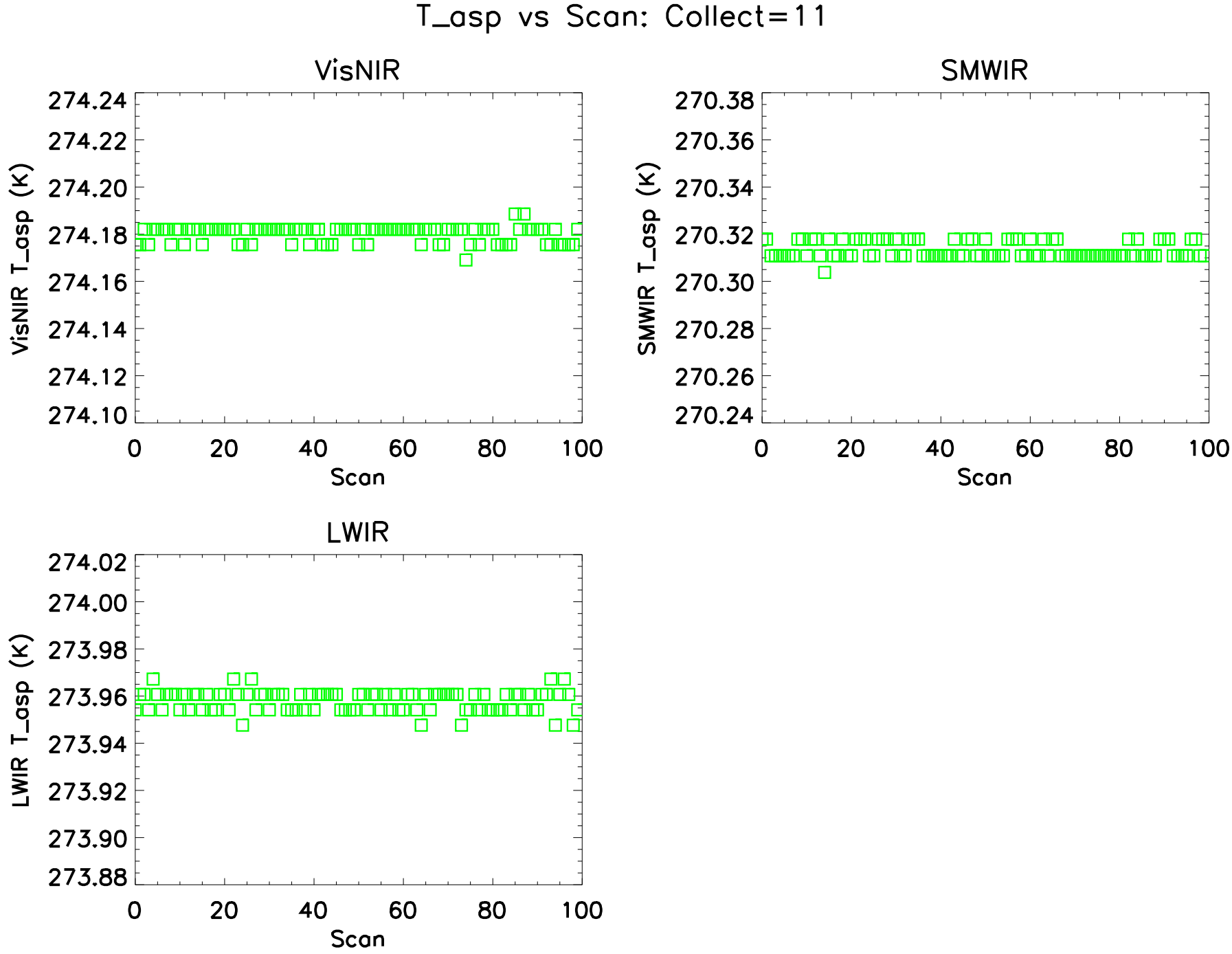

T_asp vs Scan: Collect=6
VisNIR
VisNIR T_asp (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
273.98
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.26
270.24
270.22
270.20
270.18
270.16
270.14
270.12
270.10
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.88
273.86
273.84
273.82
273.80
273.78
273.76
273.74
0
20
40
60
80
100
Scan

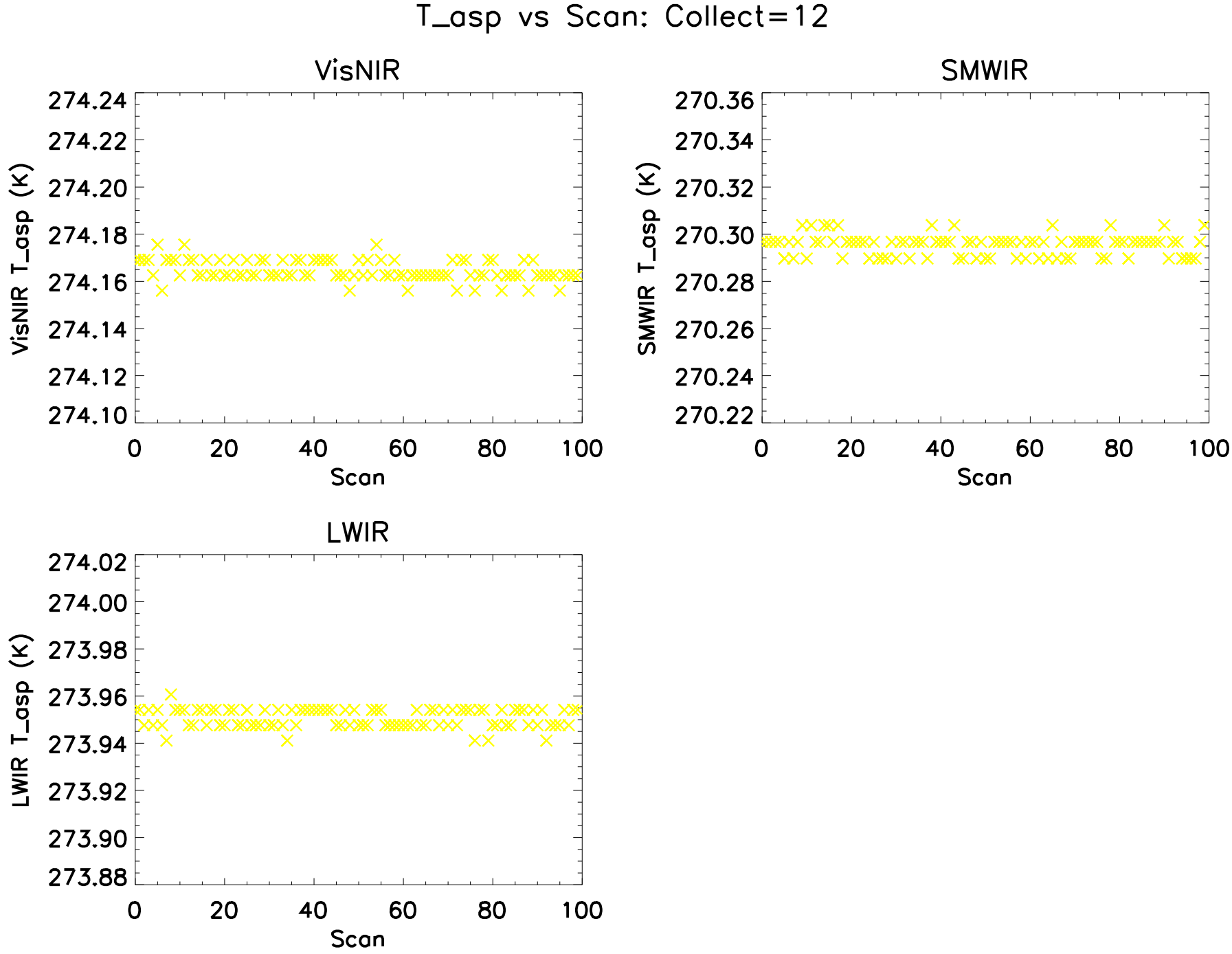

T_asp vs Scan: Collect=7
VisNIR
VisNIR T_asp (K)
274.16
274.14
274.12
274.10
274.08
274.06
274.04
274.02
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.28
270.26
270.24
270.22
270.20
270.18
270.16
270.14
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.92
273.90
273.88
273.86
273.84
273.82
273.80
273.78
0
20
40
60
80
100
Scan

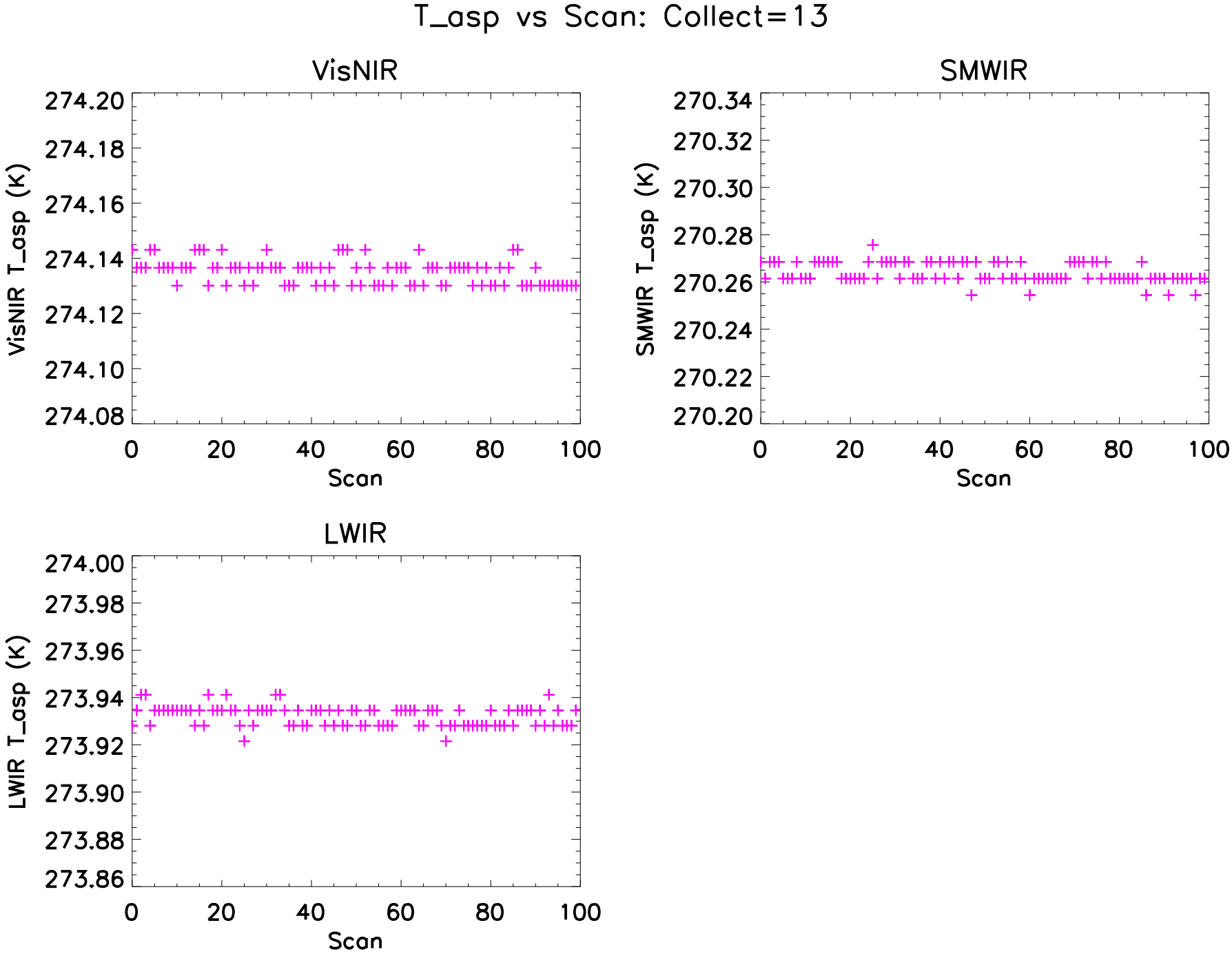

T_asp vs Scan: Collect=8
VisNIR
VisNIR T_asp (K)
274.20
274.18
274.16
274.14
274.12
274.10
274.08
274.06
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.32
270.30
270.28
270.26
270.24
270.22
270.20
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.96
273.94
273.92
273.90
273.88
273.86
273.84
273.82
0
20
40
60
80
100
Scan

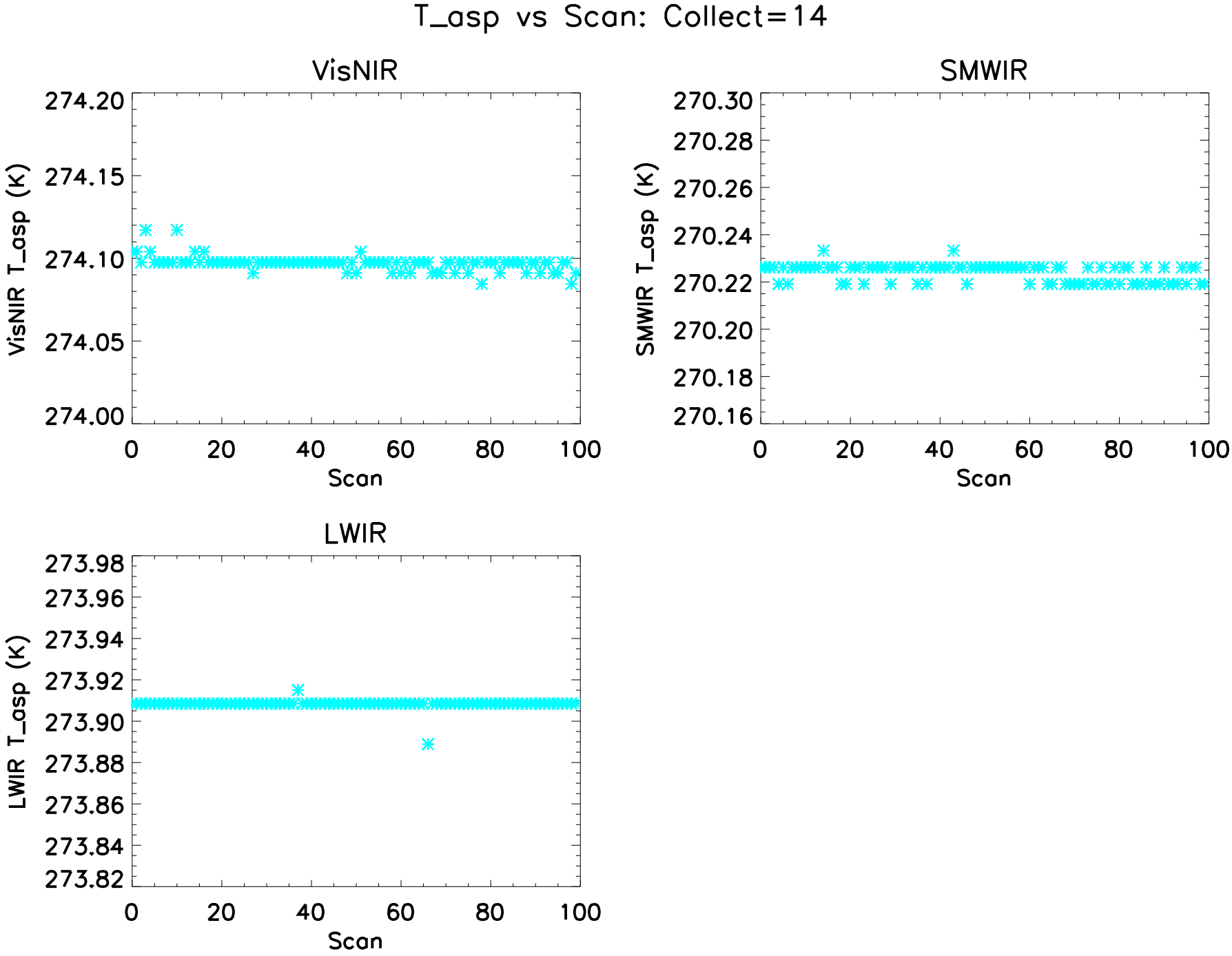

T_asp vs Scan: Collect=9
VisNIR
VisNIR T_asp (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.38
270.36
270.34
270.32
270.30
270.28
270.26
270.24
270.22
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
274.00
273.98
273.96
273.94
273.92
273.90
273.88
273.86
0
20
40
60
80
100
Scan

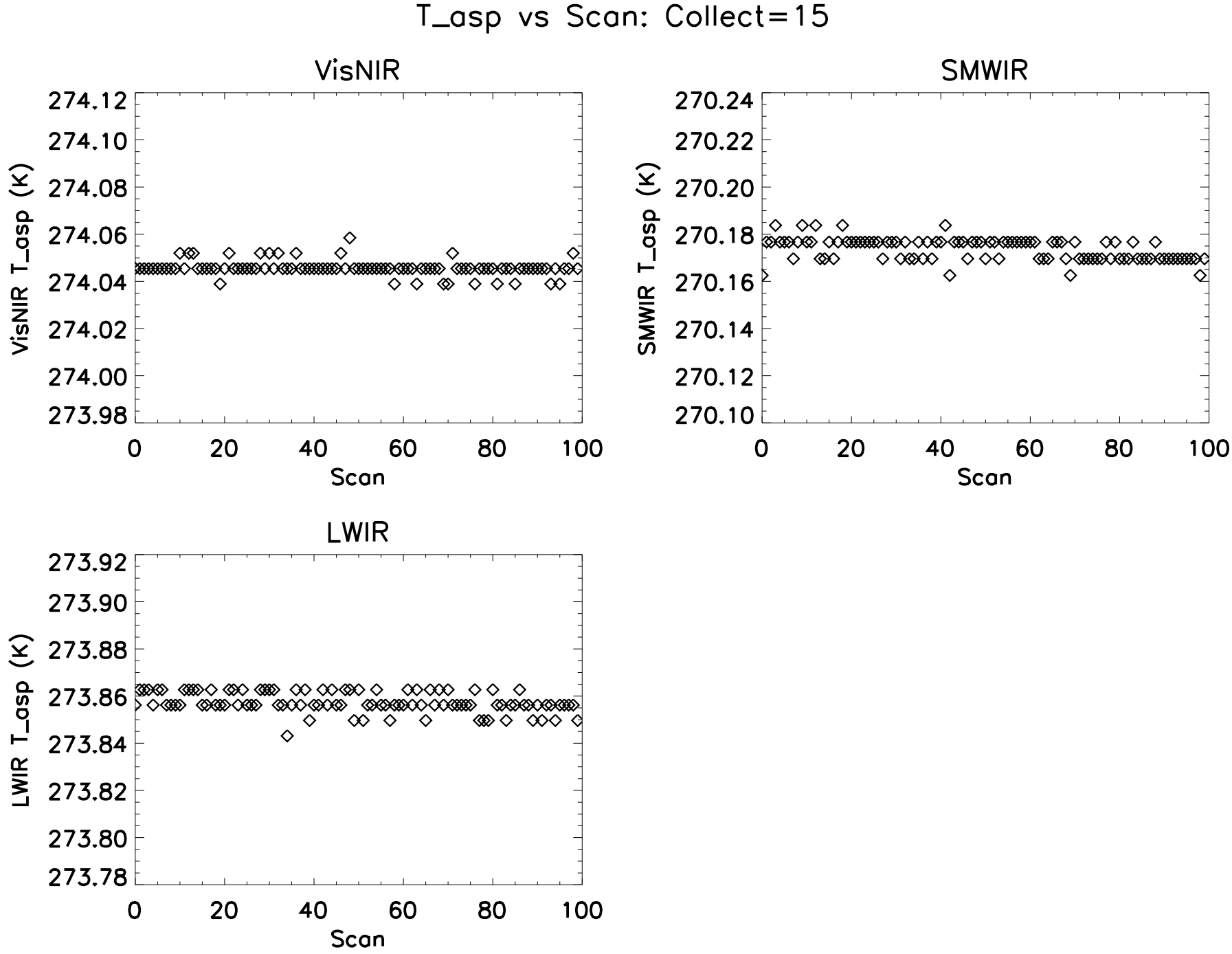

T_asp vs Scan: Collect=10
VisNIR
VisNIR T_asp (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.38
270.36
270.34
270.32
270.30
270.28
270.26
270.24
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
20
40
60
80
100
Scan

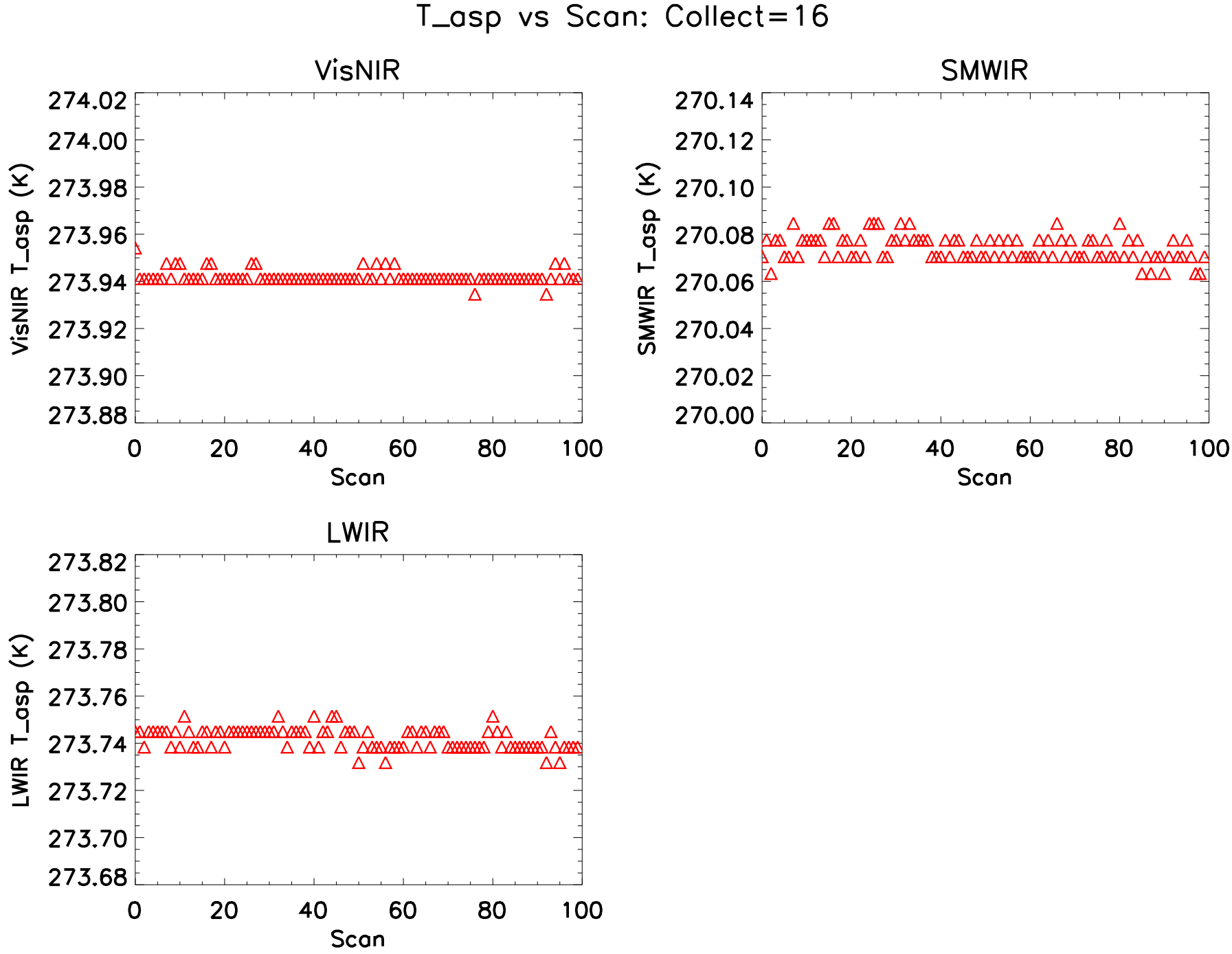

T_asp vs Scan: Collect=11
VisNIR
VisNIR T_asp (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.38
270.36
270.34
270.32
270.30
270.28
270.26
270.24
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
20
40
60
80
100
Scan

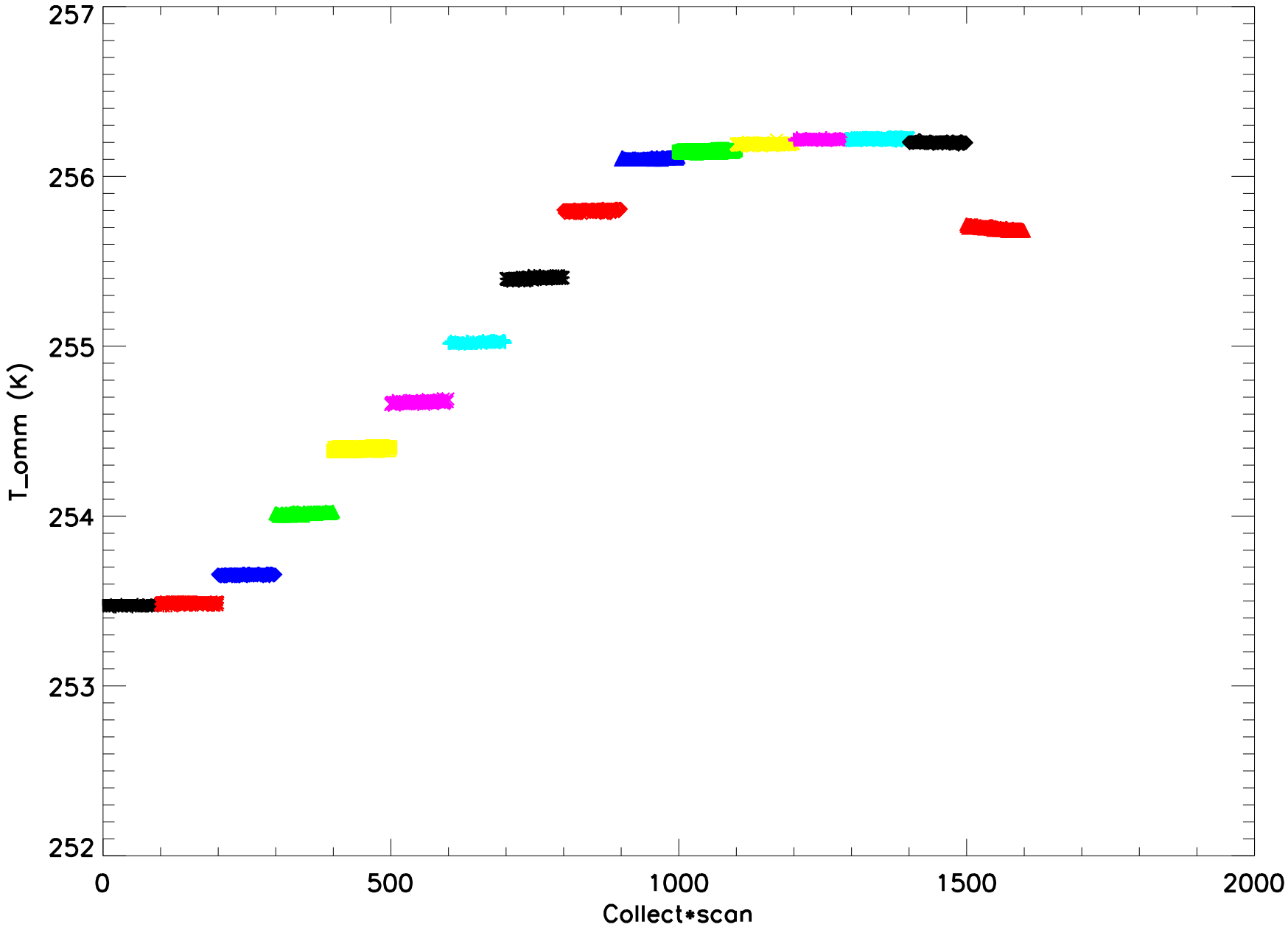

T_asp vs Scan: Collect=12
VisNIR
VisNIR T_asp (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.36
270.34
270.32
270.30
270.28
270.26
270.24
270.22
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
20
40
60
80
100
Scan

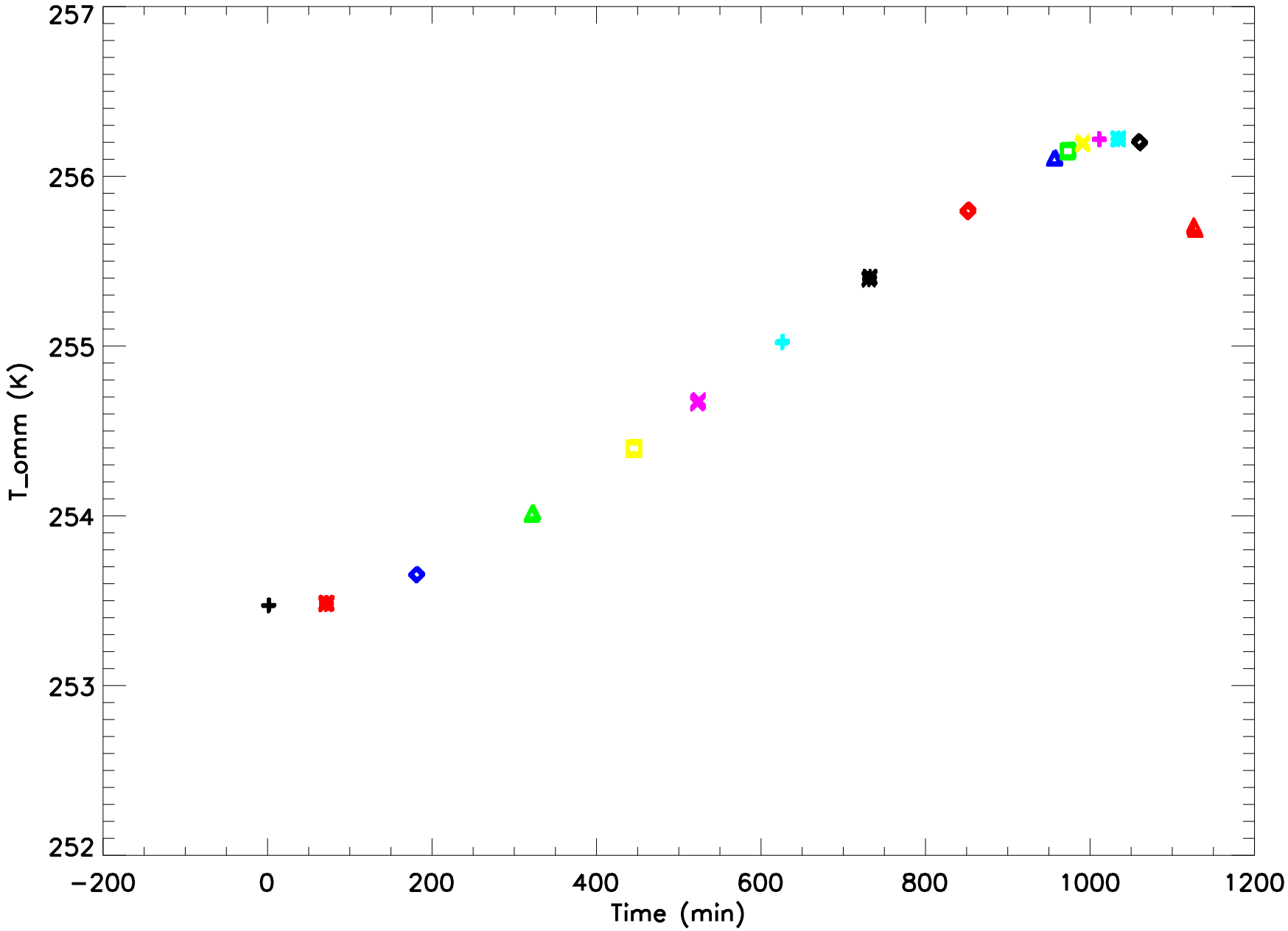

T_asp vs Scan: Collect=13
VisNIR
VisNIR T_asp (K)
274.20
274.18
274.16
274.14
274.12
274.10
274.08
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.34
270.32
270.30
270.28
270.26
270.24
270.22
270.20
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
274.00
273.98
273.96
273.94
273.92
273.90
273.88
273.86
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=14
VisNIR
VisNIR T_asp (K)
274.20
274.15
274.10
274.05
274.00
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.30
270.28
270.26
270.24
270.22
270.20
270.18
270.16
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.98
273.96
273.94
273.92
273.90
273.88
273.86
273.84
273.82
0
20
40
60
80
100
Scan

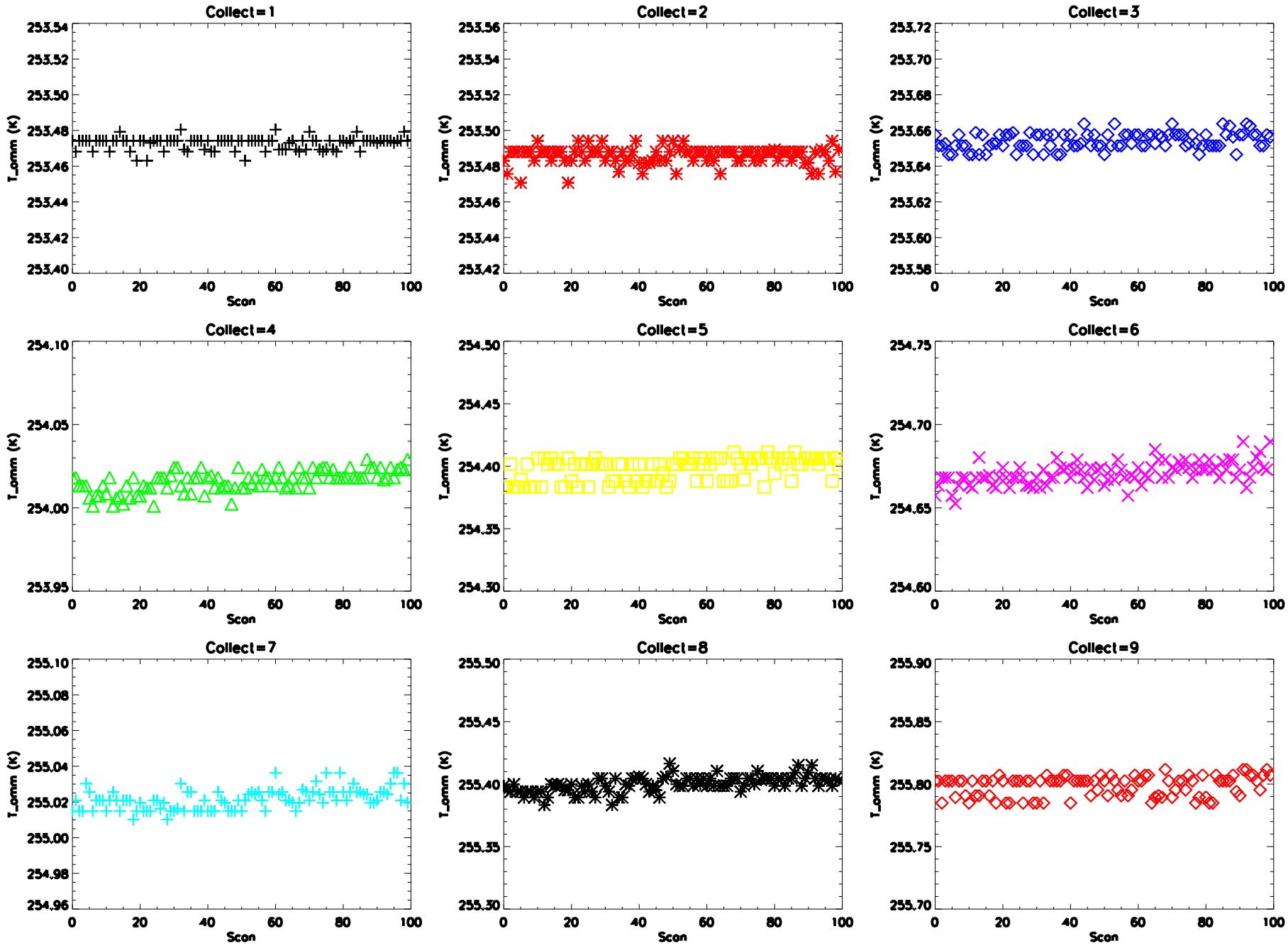

T_asp vs Scan: Collect=15
VisNIR
VisNIR T_asp (K)
274.12
274.10
274.08
274.06
274.04
274.02
274.00
273.98
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.24
270.22
270.20
270.18
270.16
270.14
270.12
270.10
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.92
273.90
273.88
273.86
273.84
273.82
273.80
273.78
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=16
VisNIR
VisNIR T_asp (K)
274.02
274.00
273.98
273.96
273.94
273.92
273.90
273.88
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
270.14
270.12
270.10
270.08
270.06
270.04
270.02
270.00
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
273.82
273.80
273.78
273.76
273.74
273.72
273.70
273.68
0
20
40
60
80
100
Scan

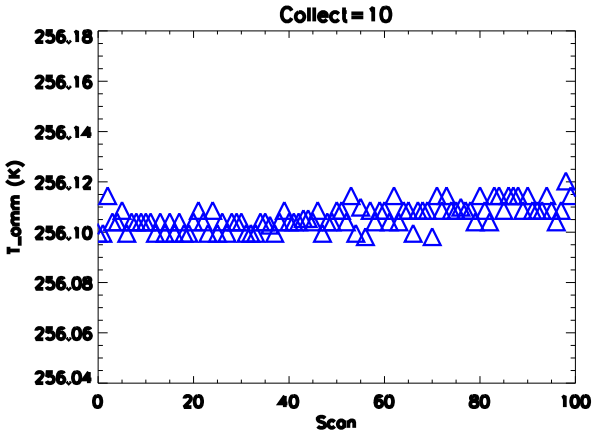

T_omm vs Scan and Collect
257
256
255
254
253
252
T_omm (K)
0
500
1000
1500
2000
Collect*scan

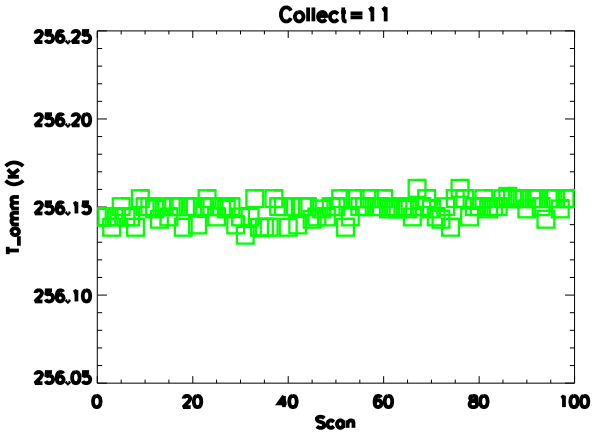

T_omm vs Time
257
256
255
254
253
252
T_omm (K)
−200
0
200
400
600
800
1000
1200
Time (min)

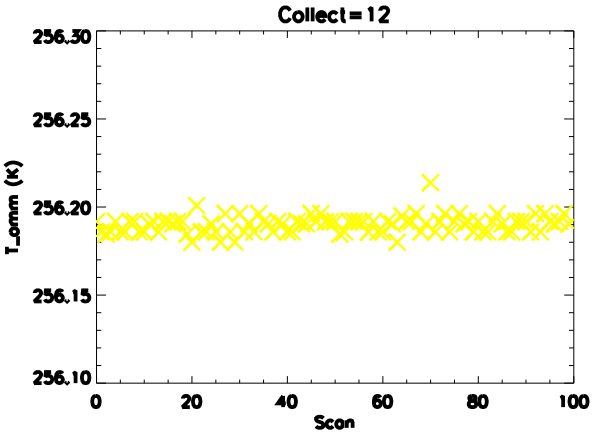
T_omm vs Scan

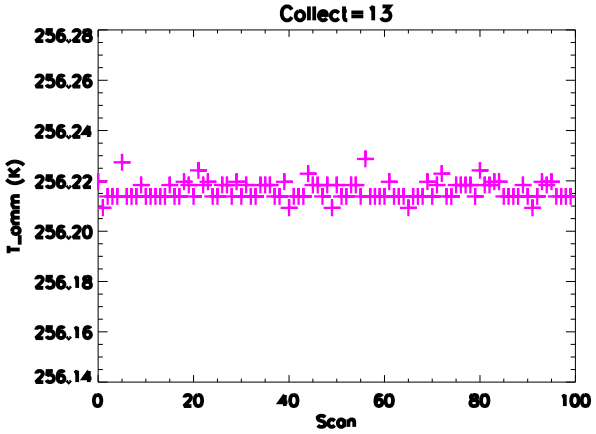

Collect=1
Collect=2
Collect=3
Collect=4
Collect=5
Collect=6
Collect=7
Collect=8
Collect=9
T_omm (K)
Scan

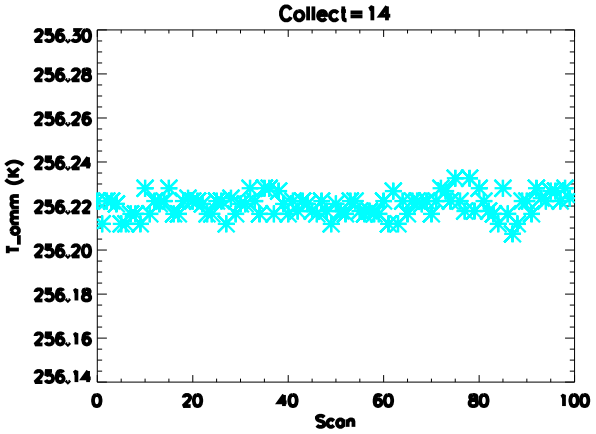
T_omm vs Scan

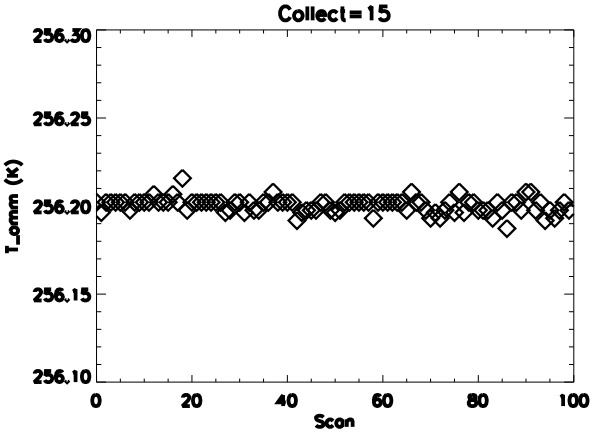

Collect = 10
T_omm (K)
256.18
256.16
256.14
256.12
256.10
256.08
256.06
256.04
0
20
40
60
80
100
Scan

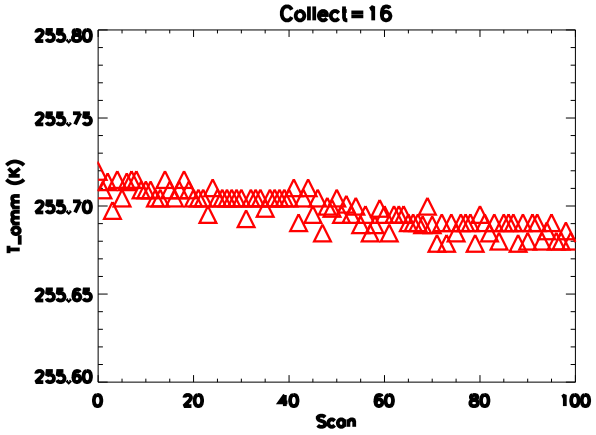

Collect = 11
T_omm (K)
256.25
256.20
256.15
256.10
256.05
0
20
40
60
80
100
Scan


Collect = 12
T_omm (K)
256.30
256.25
256.20
256.15
256.10
0
20
40
60
80
100
Scan


Collect = 13
T_omm (K)
256.28
256.26
256.24
256.22
256.20
256.18
256.16
256.14
0
20
40
60
80
100
Scan


Collect = 14
T_omm (K)
256.30
256.28
256.26
256.24
256.22
256.20
256.18
256.16
256.14
0
20
40
60
80
100
Scan


Collect = 15
T_omm (K)
256.30
256.25
256.20
256.15
256.10
0
20
40
60
80
100
Scan


Collect = 16
T_omm (K)
255.80
255.75
255.70
255.65
255.60
0
20
40
60
80
100
Scan