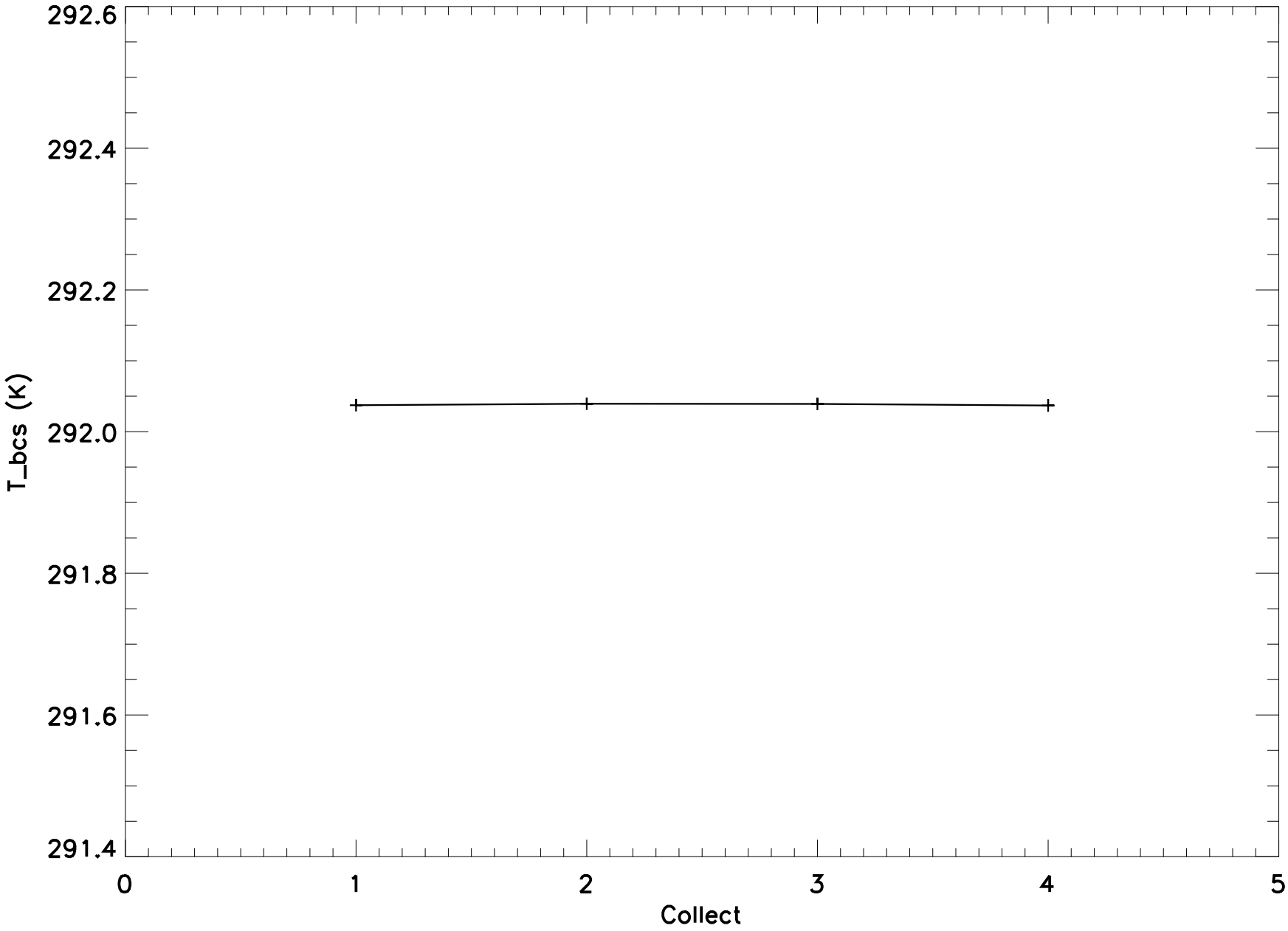
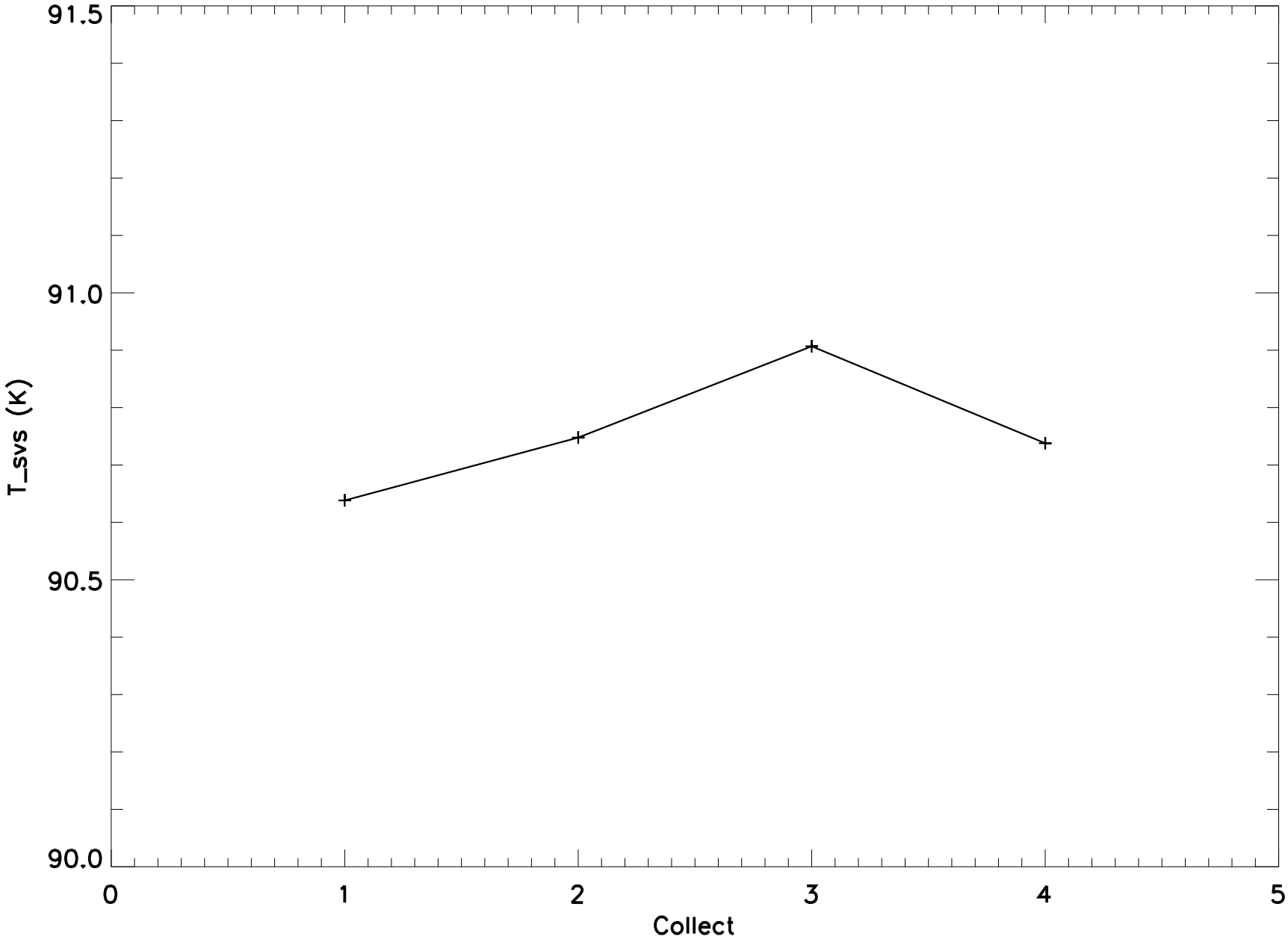
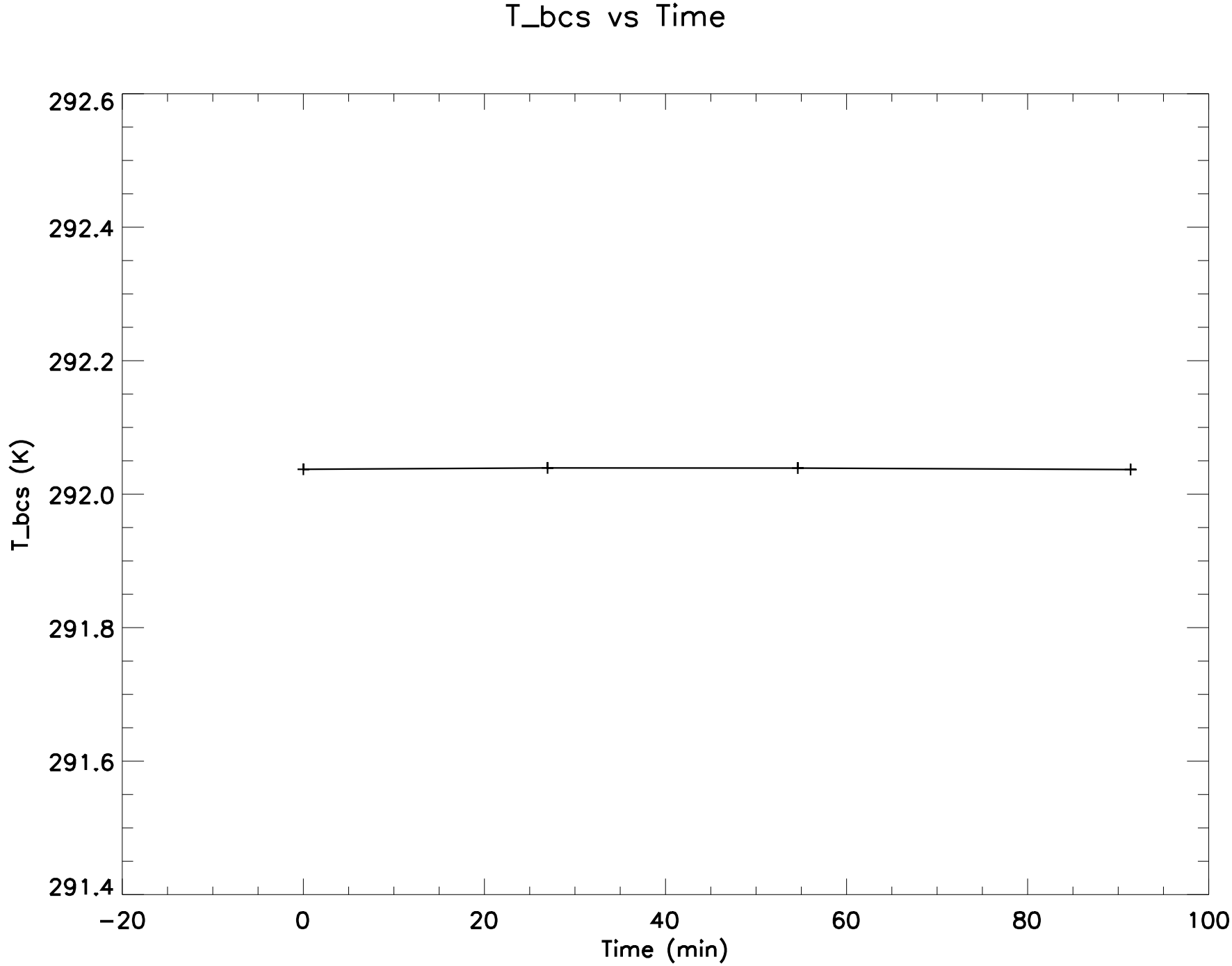
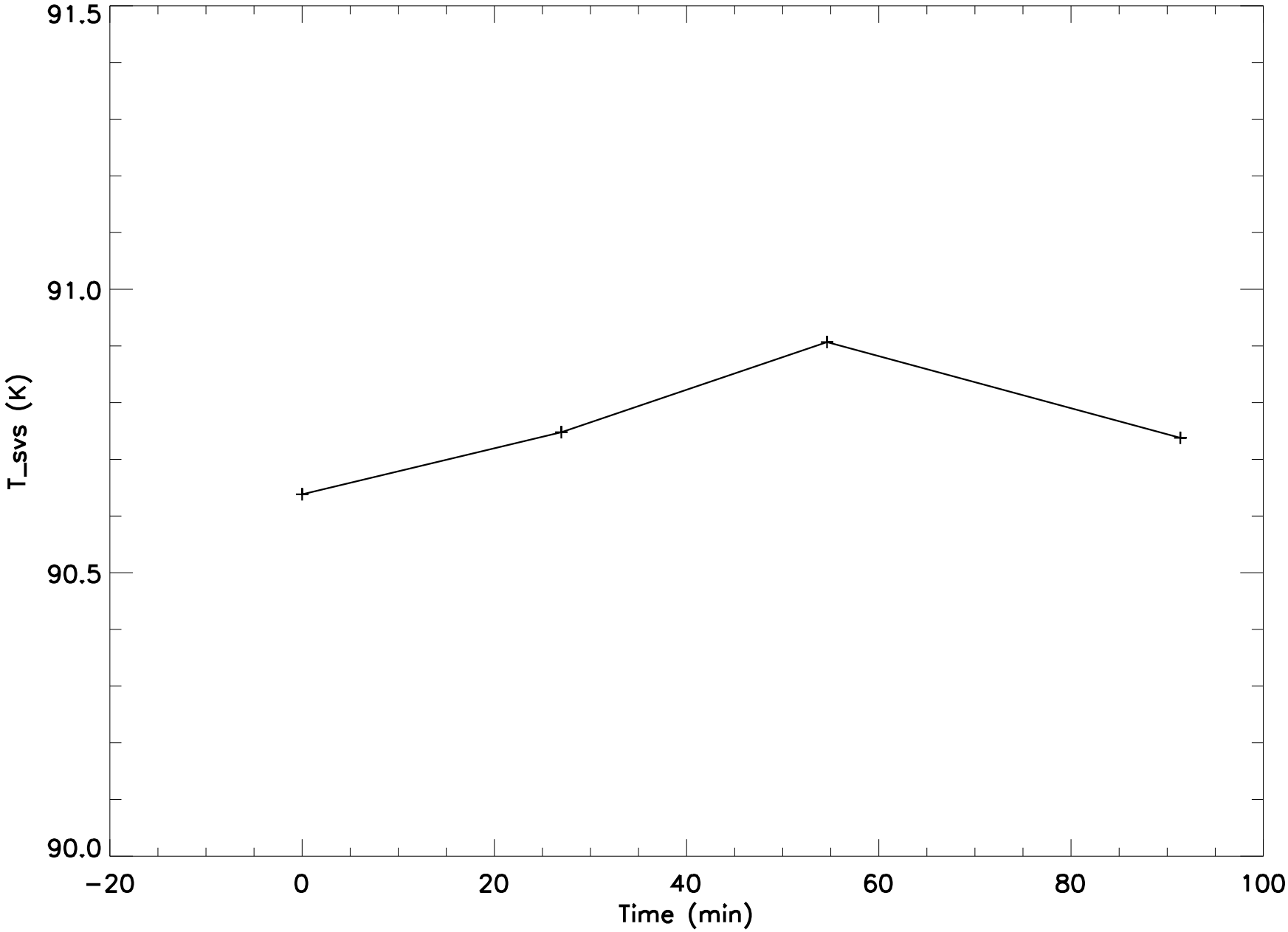
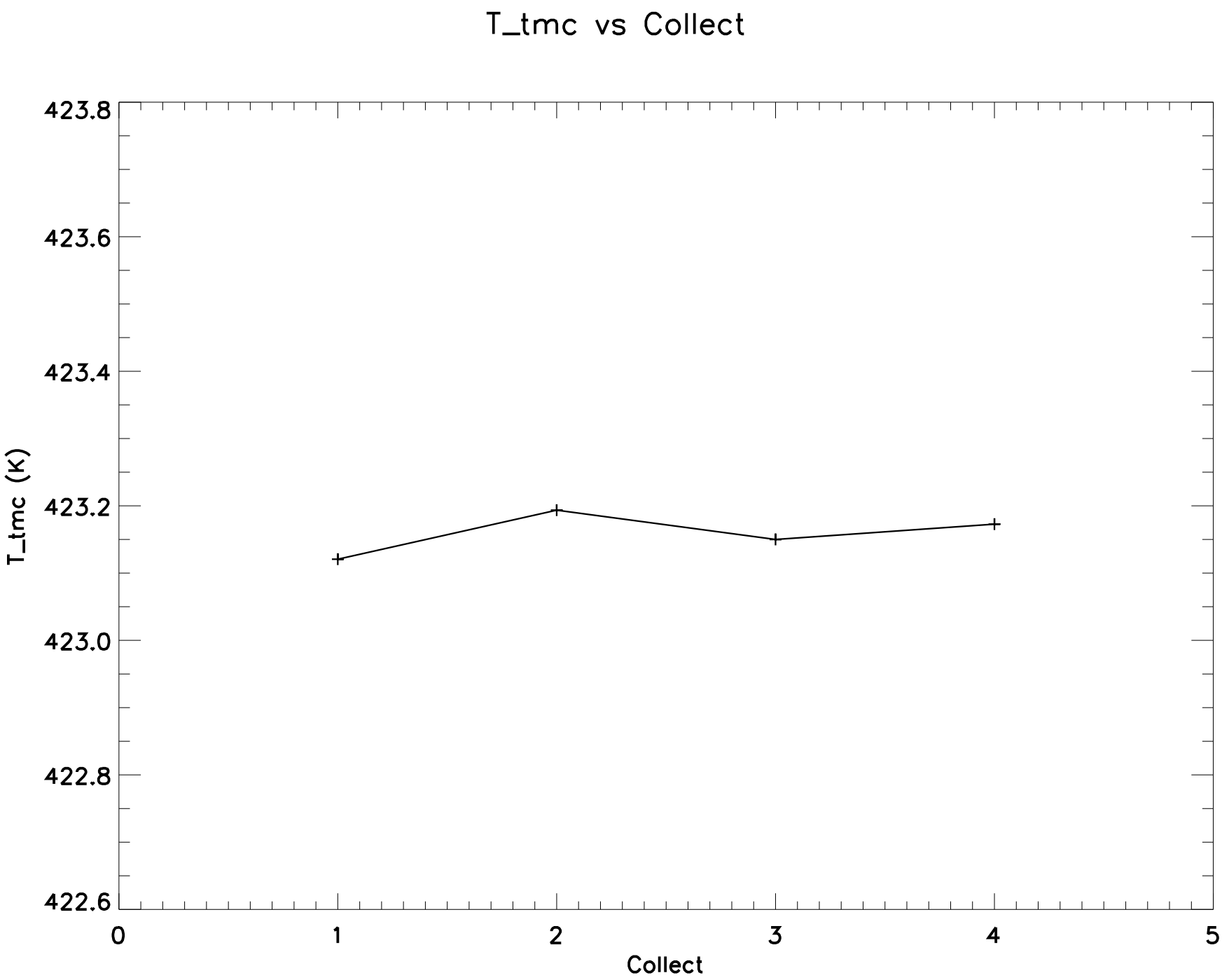
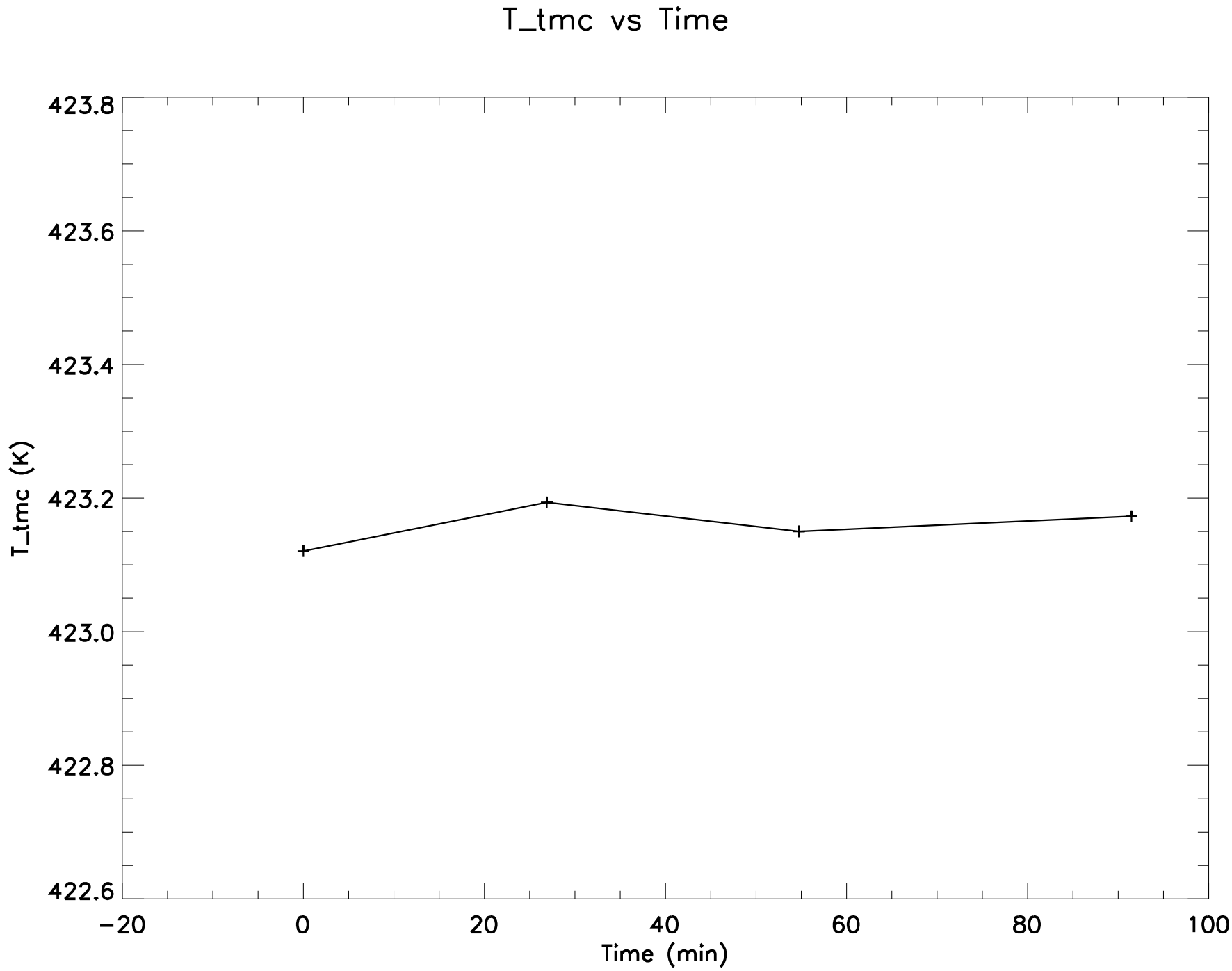

T_bcs vs Collect
292.6
292.4
292.2
292.0
291.8
291.6
291.4
T_bcs (K)
0
1
2
3
4
5
Collect

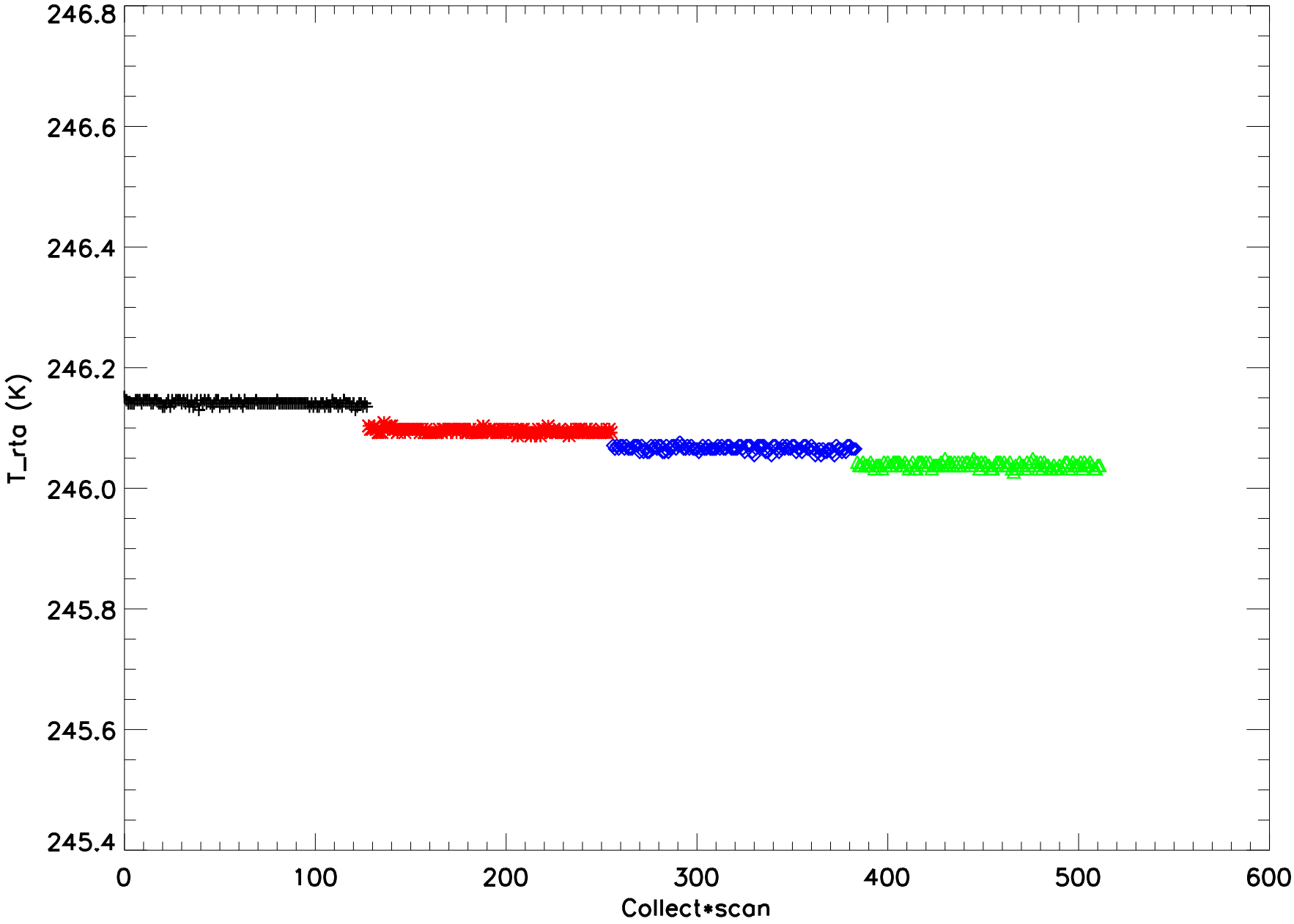

T_svs vs Collect
91.5
91.0
90.5
90.0
T_svs (K)
0
1
2
3
4
5
Collect

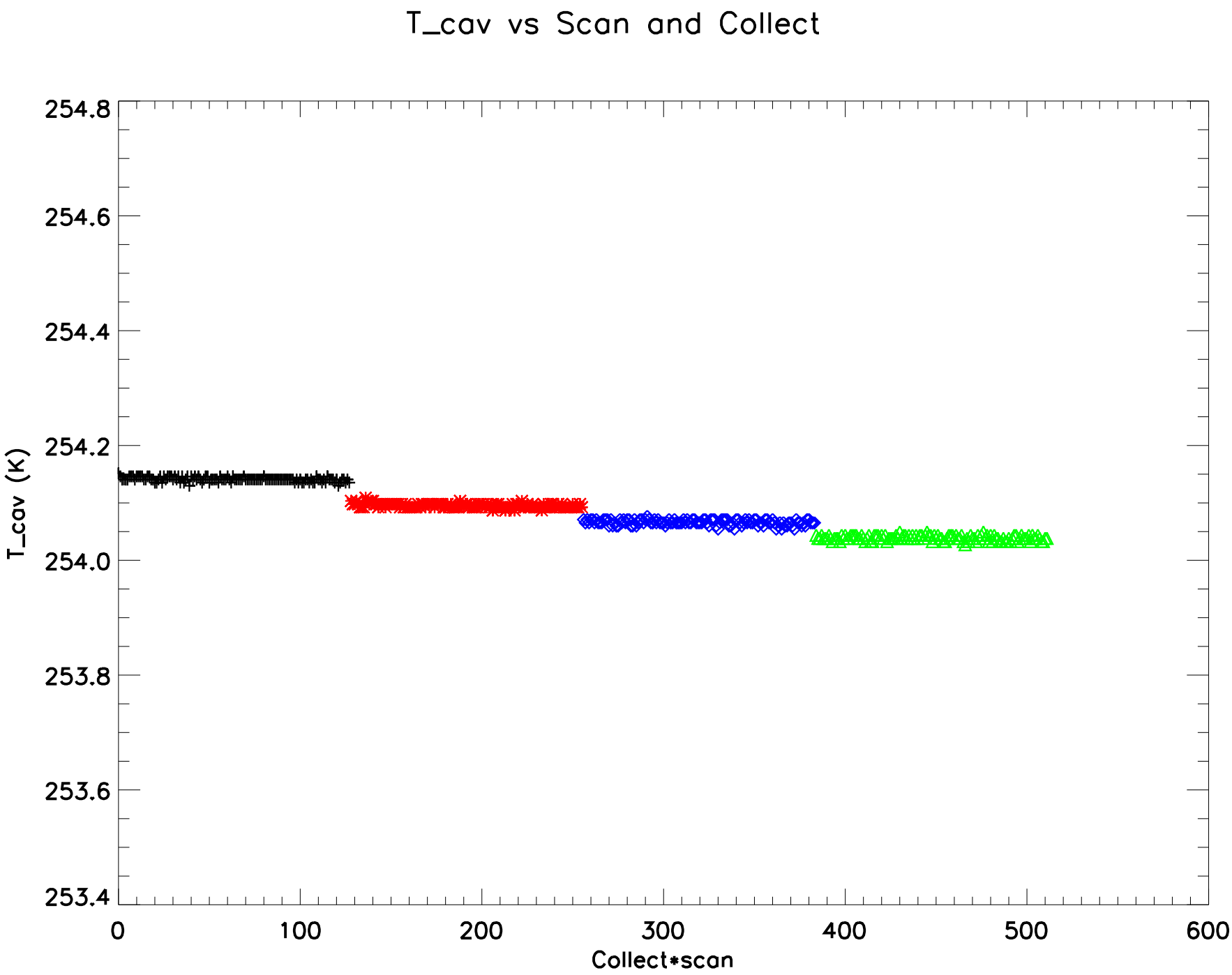

T_bcs vs Time
292.6
292.4
292.2
292.0
291.8
291.6
291.4
T_bcs (K)
−20
0
20
40
60
80
100
Time (min)

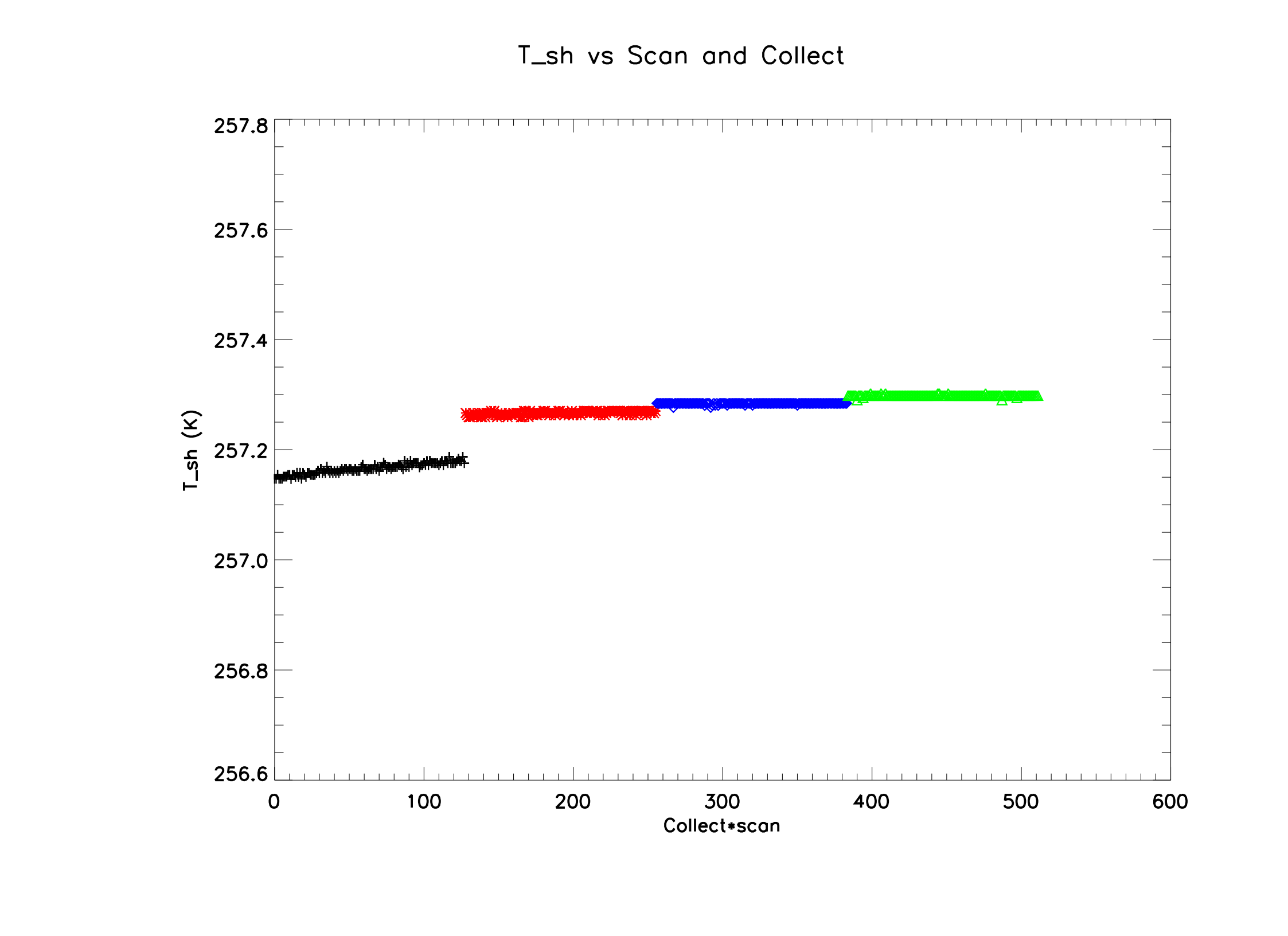

T_svs vs Time
91.5
91.0
90.5
90.0
T_svs (K)
−20
0
20
40
60
80
100
Time (min)

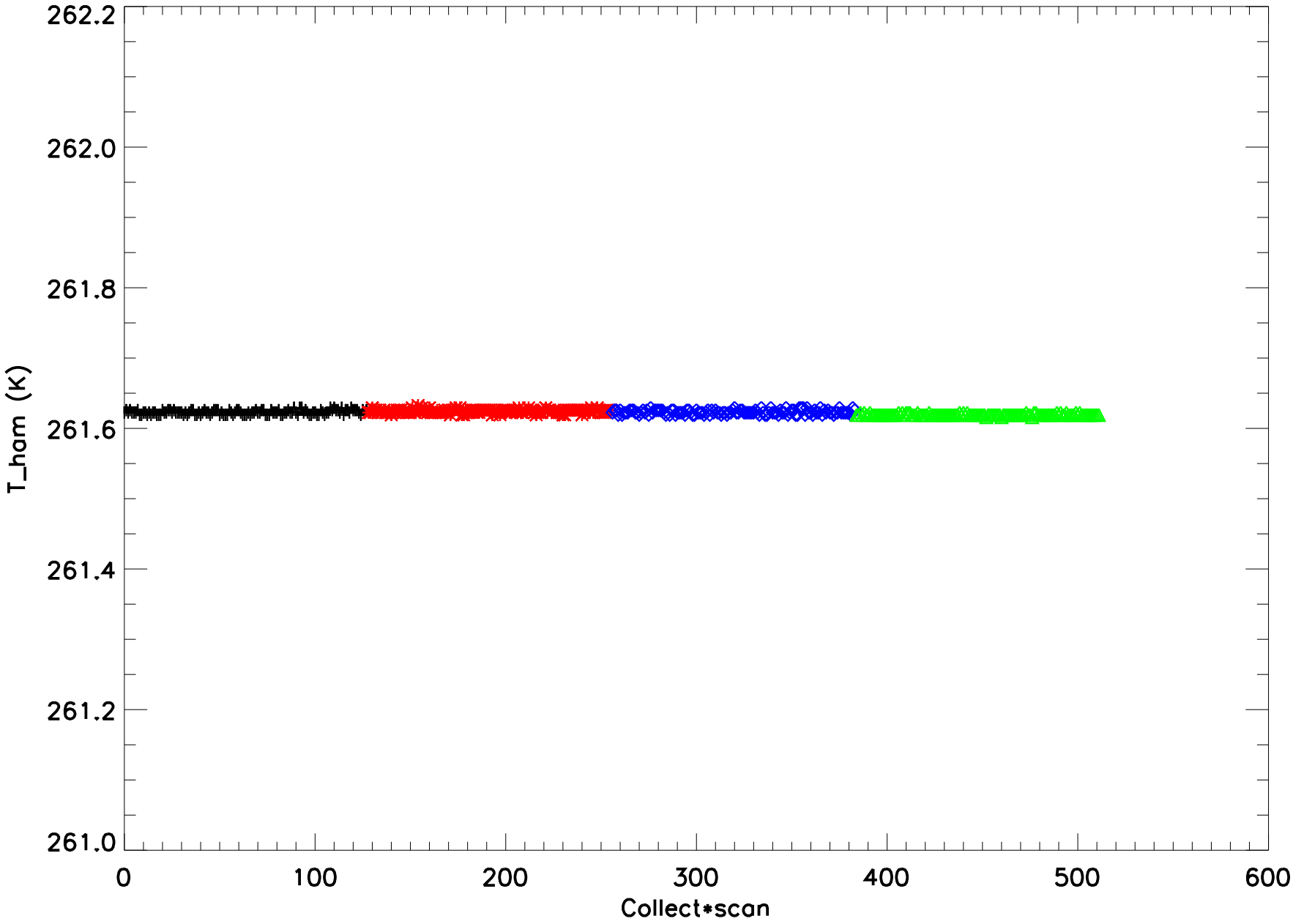

T_tmc vs Collect
423.8
423.6
423.4
423.2
423.0
422.8
422.6
T_tmc (K)
0
1
2
3
4
5
Collect

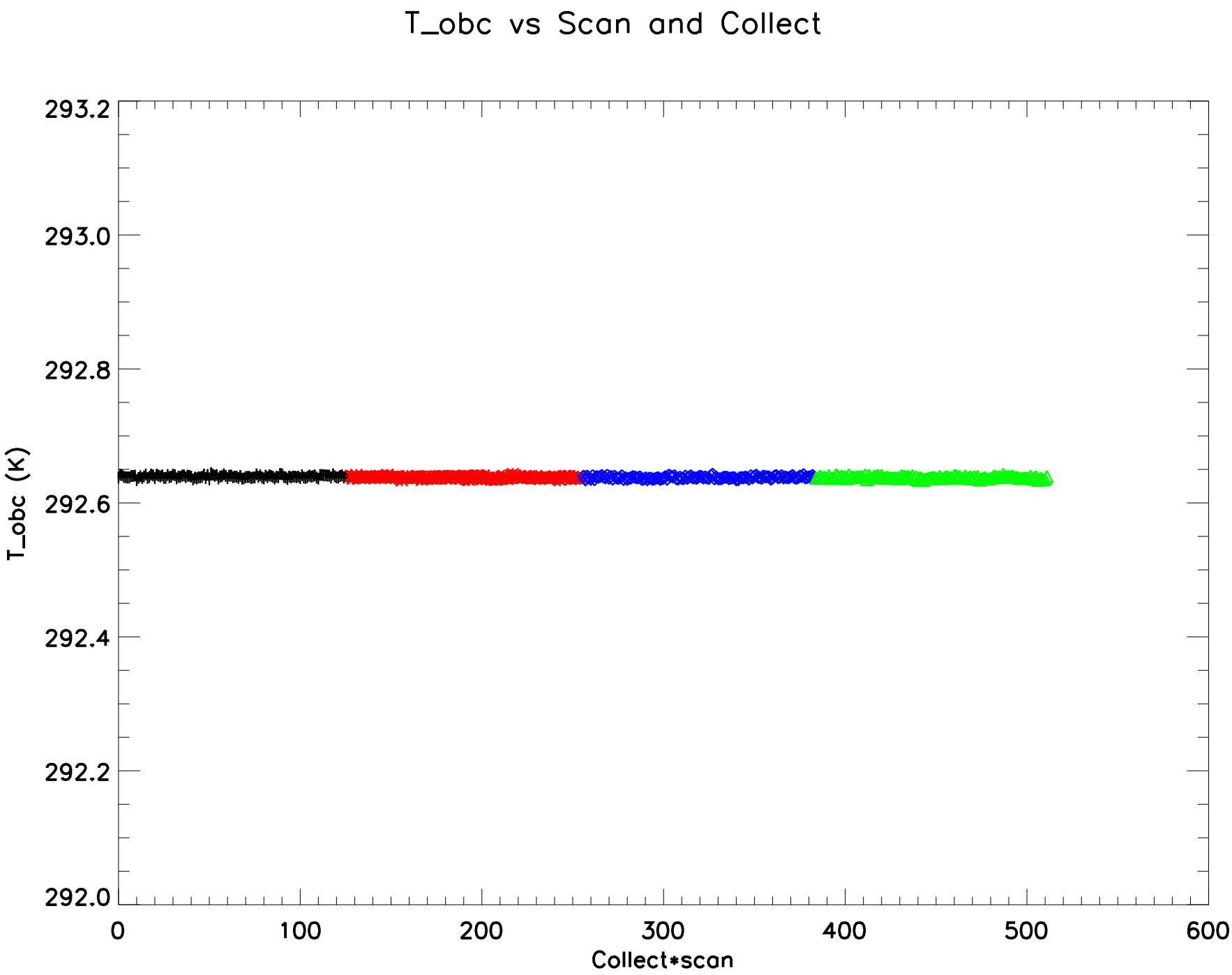

T_tmc vs Time
423.8
423.6
423.4
423.2
423.0
422.8
422.6
T_tmc (K)
−20
0
20
40
60
80
100
Time (min)

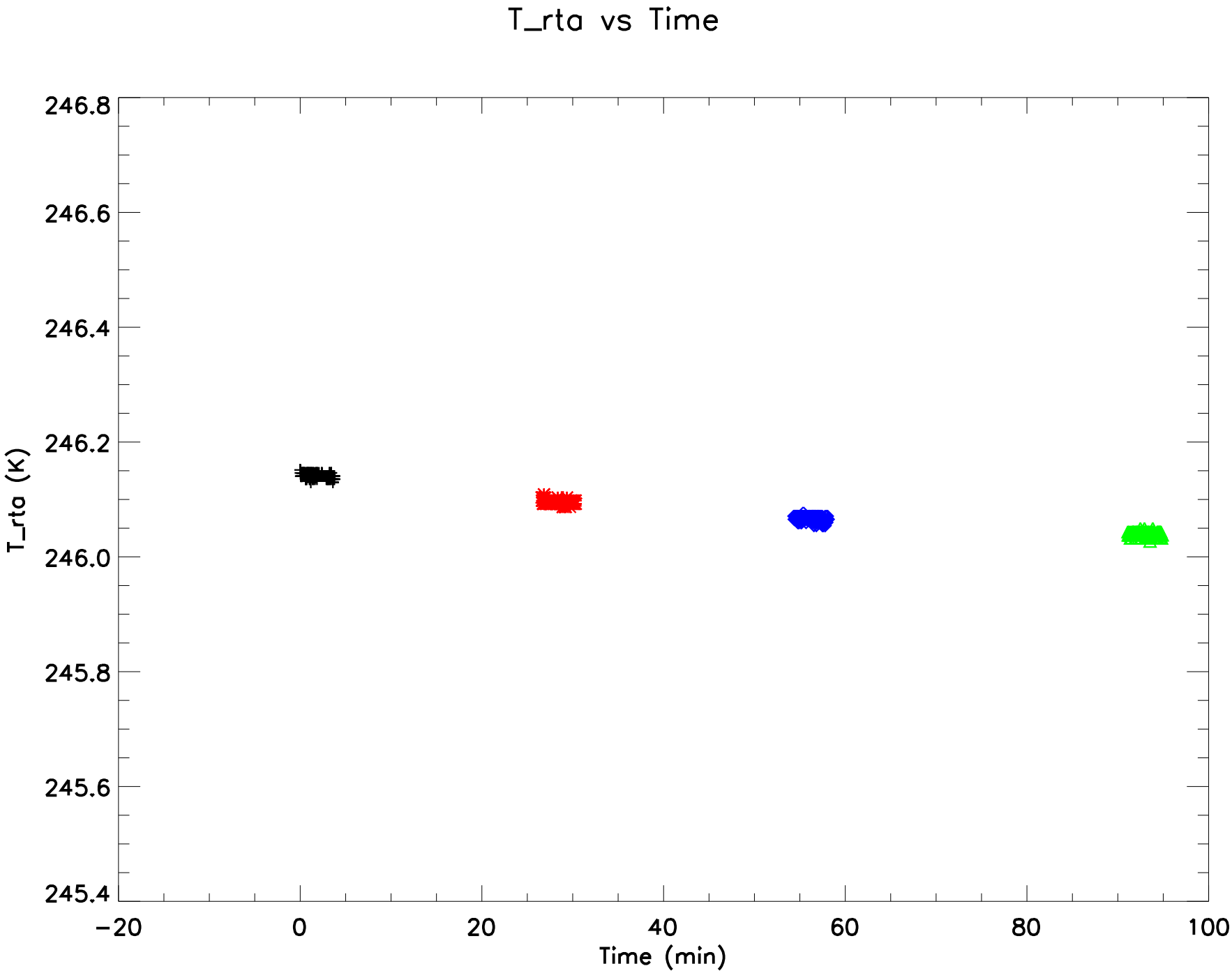

T_rta vs Scan and Collect
246.8
246.6
246.4
246.2
246.0
245.8
245.6
245.4
T_rta (K)
0
100
200
300
400
500
600
Collect*scan

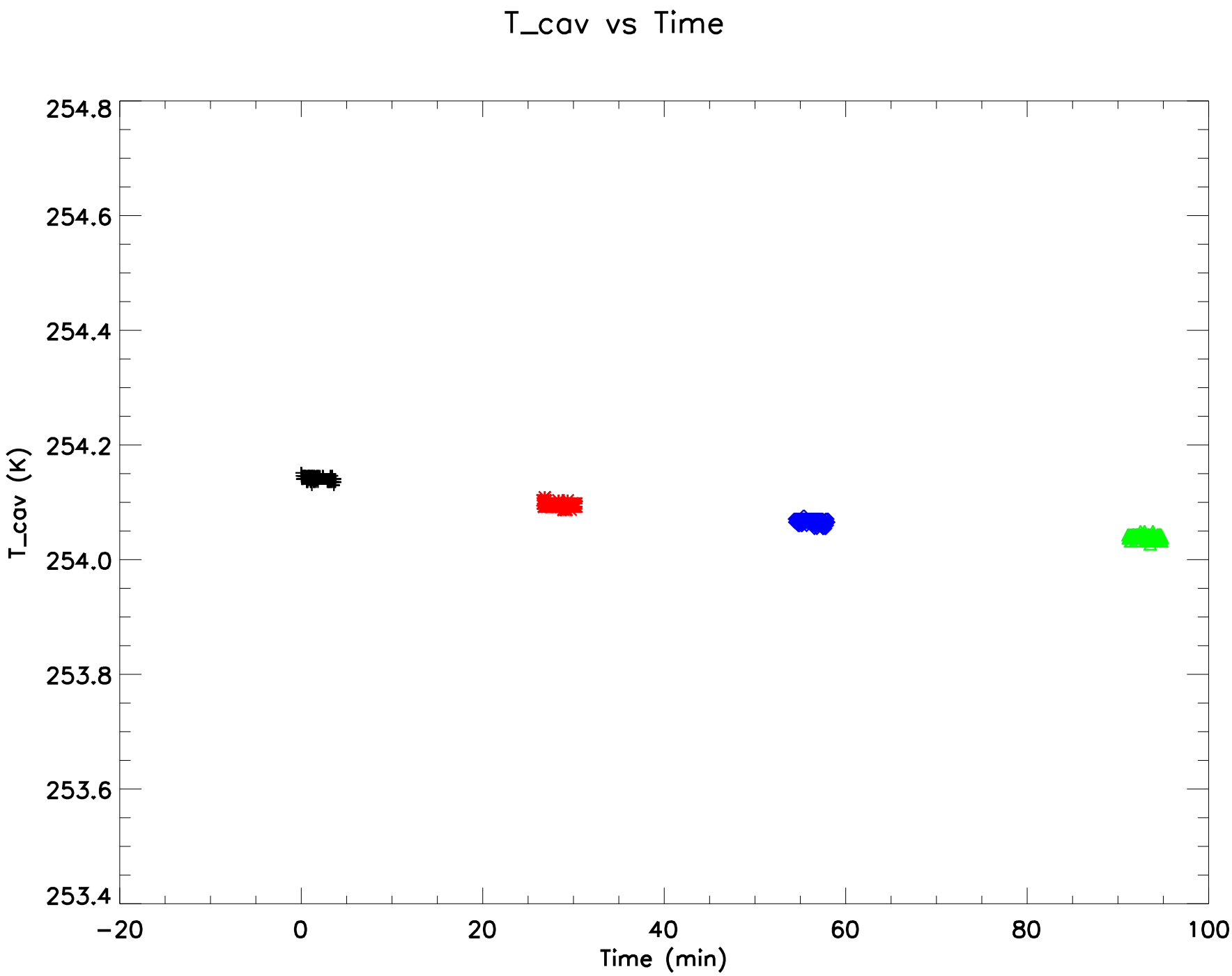

T_cav vs Scan and Collect
254.8
254.6
254.4
254.2
254.0
253.8
253.6
253.4
T_cav (K)
0
100
200
300
400
500
600
Collect*scan

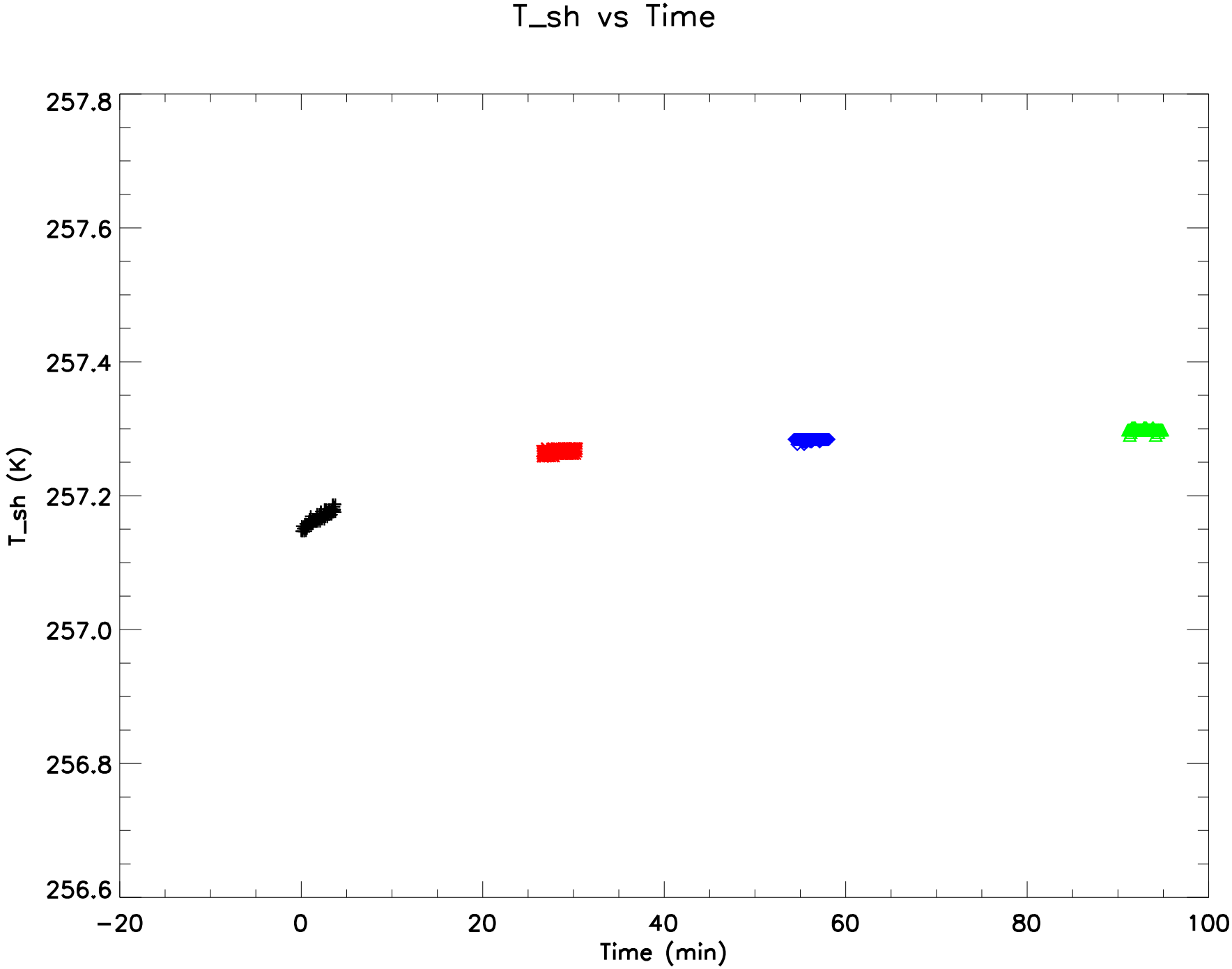

T_sh vs Scan and Collect
257.8
257.6
257.4
257.2
257.0
256.8
256.6
T_sh (K)
0
100
200
300
400
500
600
Collect*scan

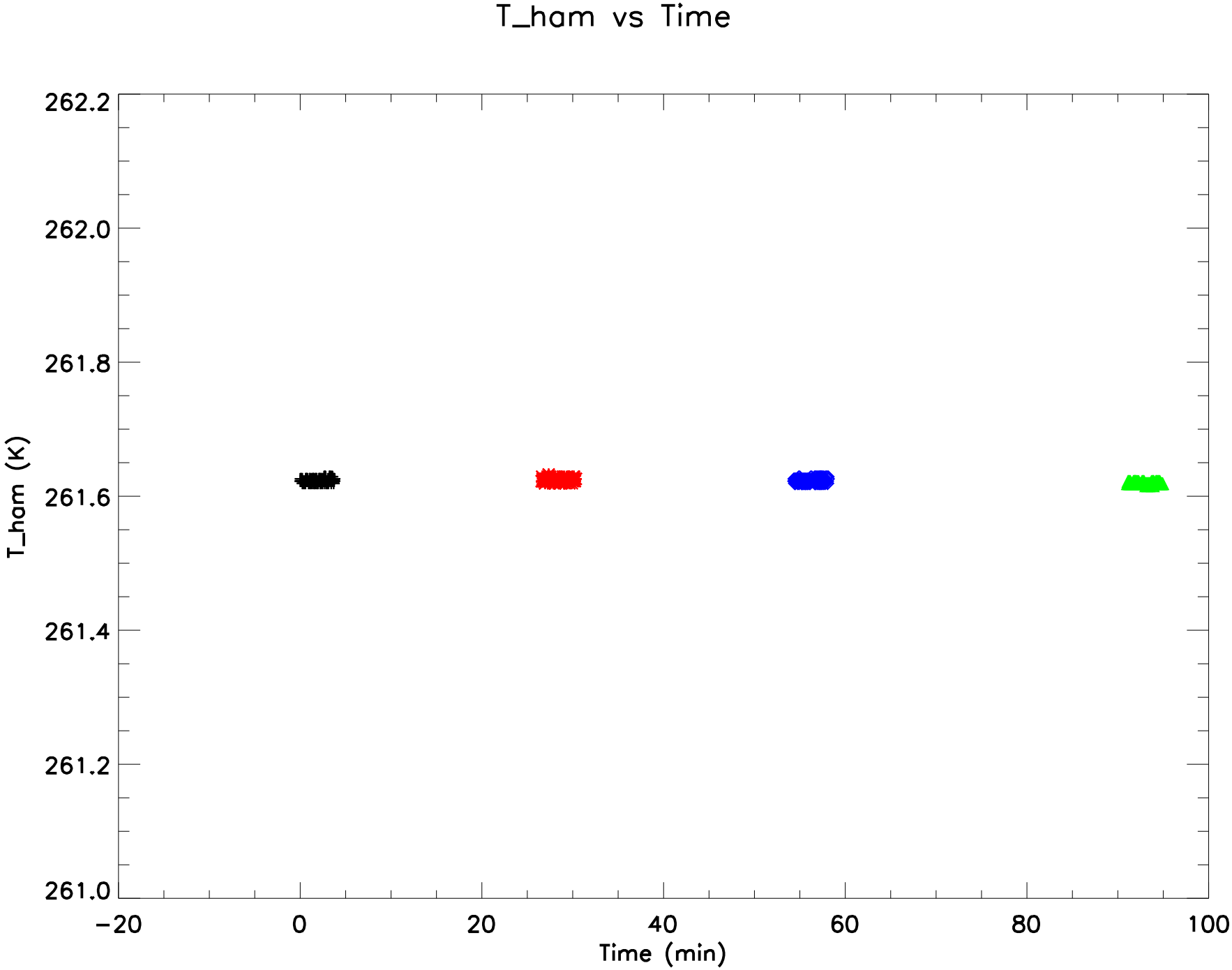

T_ham vs Scan and Collect
262.2
262.0
261.8
261.6
261.4
261.2
261.0
T_ham (K)
0
100
200
300
400
500
600
Collect*scan

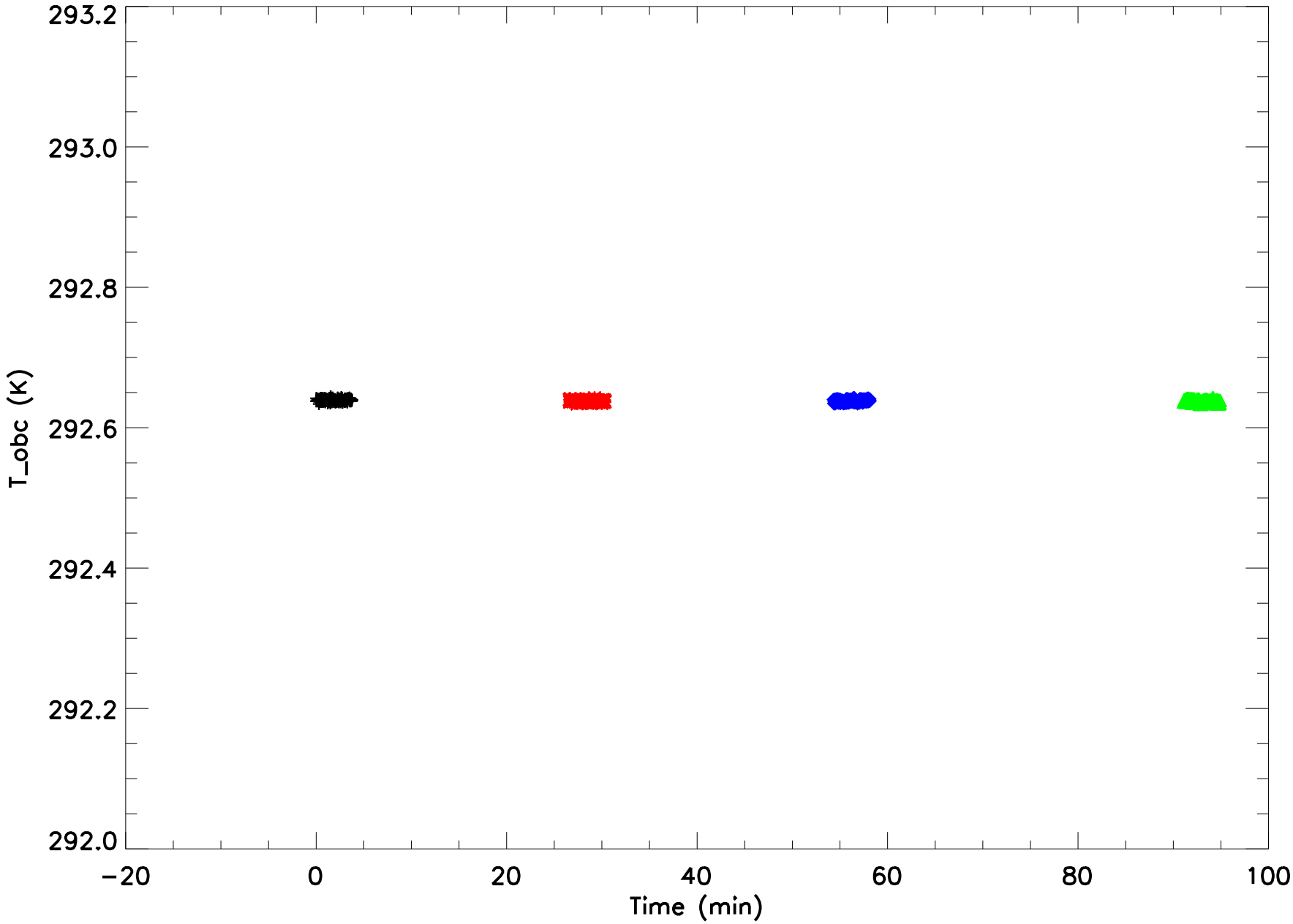

T_obc vs Scan and Collect
293.2
293.0
292.8
292.6
292.4
292.2
292.0
T_obc (K)
0
100
200
300
400
500
600
Collect*scan


T_rta vs Time
246.8
246.6
246.4
246.2
246.0
245.8
245.6
245.4
T_rta (K)
−20
0
20
40
60
80
100
Time (min)

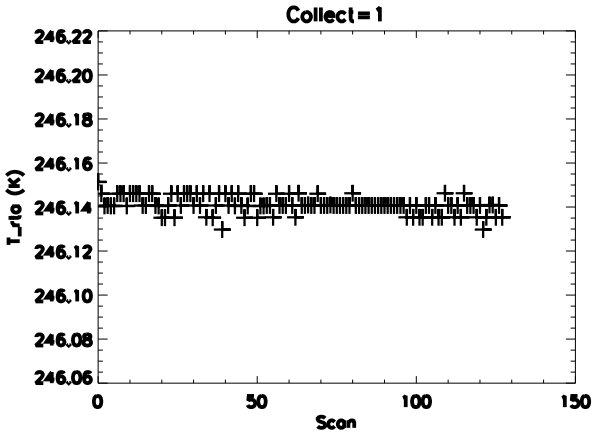

T_cav vs Time
254.8
254.6
254.4
254.2
254.0
253.8
253.6
253.4
T_cav (K)
−20
0
20
40
60
80
100
Time (min)

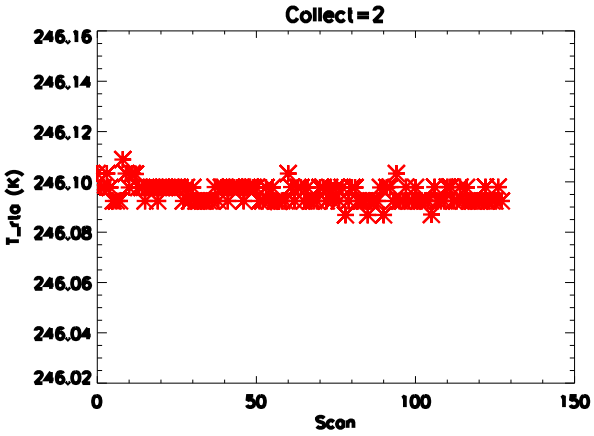

T_sh vs Time
257.8
257.6
257.4
257.2
257.0
256.8
256.6
T_sh (K)
−20
0
20
40
60
80
100
Time (min)

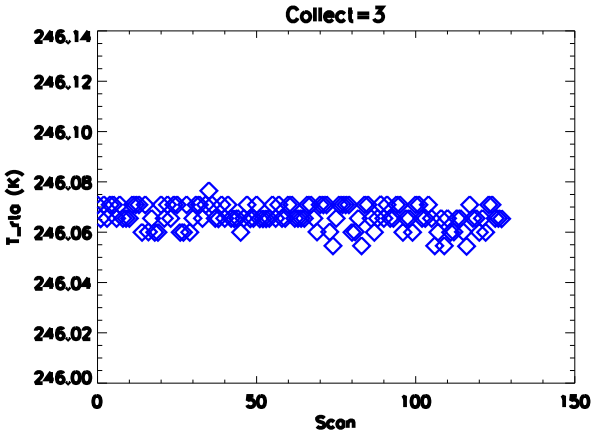

T_ham vs Time
262.2
262.0
261.8
261.6
261.4
261.2
261.0
T_ham (K)
−20
0
20
40
60
80
100
Time (min)

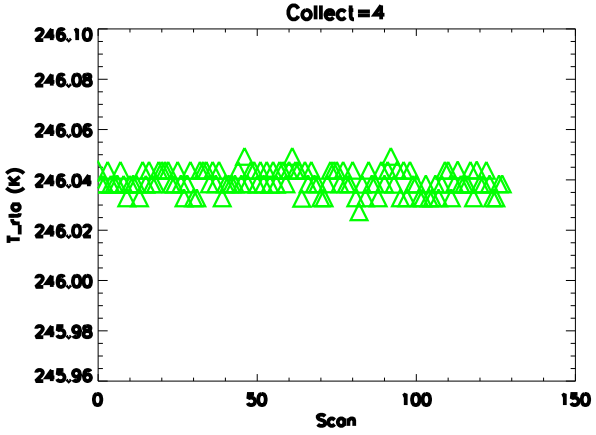

T_obc vs Time
293.2
293.0
292.8
292.6
292.4
292.2
292.0
T_obc (K)
−20
0
20
40
60
80
100
Time (min)

T_rta vs Scan

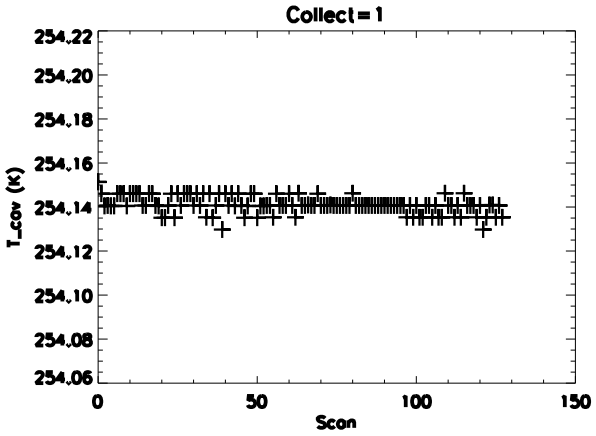

Collect=1
T_rta (K)
246.22
246.20
246.18
246.16
246.14
246.12
246.10
246.08
246.06
0
50
100
150
Scan

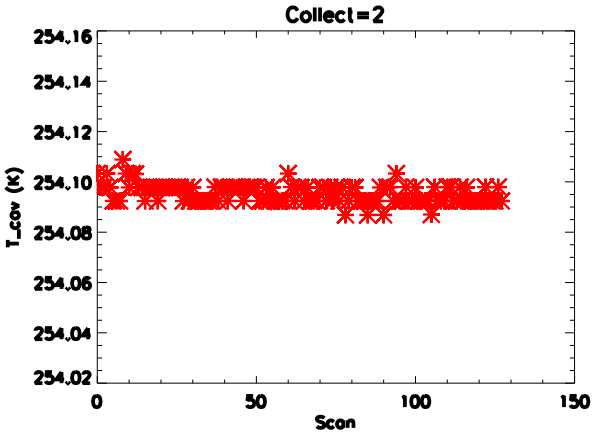

Collect=2
T_rta (K)
246.16
246.14
246.12
246.10
246.08
246.06
246.04
246.02
0
50
100
150
Scan

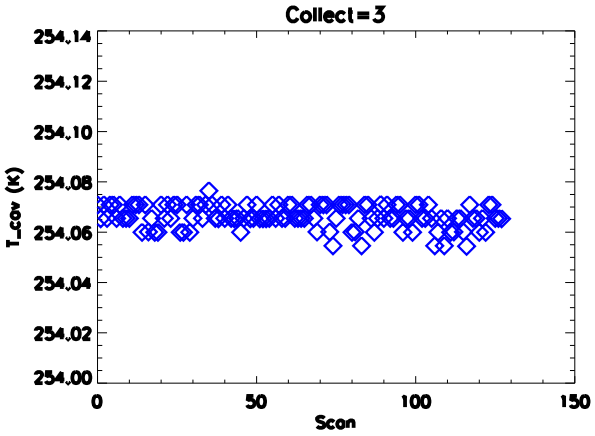

Collect=3
T_rta (K)
246.14
246.12
246.10
246.08
246.06
246.04
246.02
246.00
0
50
100
150
Scan

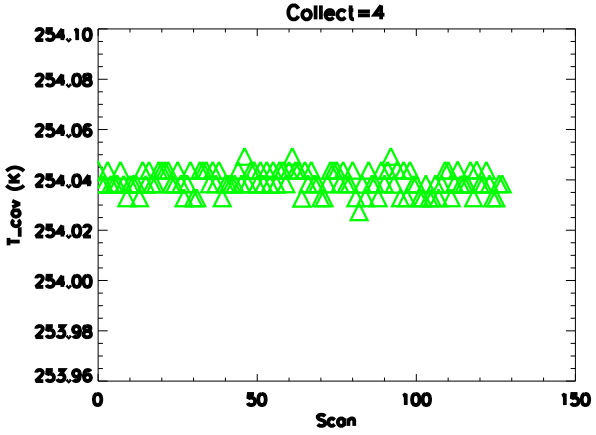

Collect=4
T_rta (K)
246.10
246.08
246.06
246.04
246.02
246.00
245.98
245.96
0
50
100
150
Scan

T_cav vs Scan

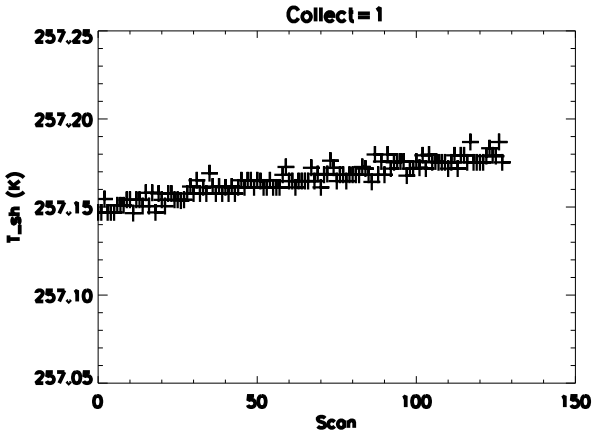

Collect=1
T_cav (K)
254.22
254.20
254.18
254.16
254.14
254.12
254.10
254.08
254.06
0
50
100
150
Scan

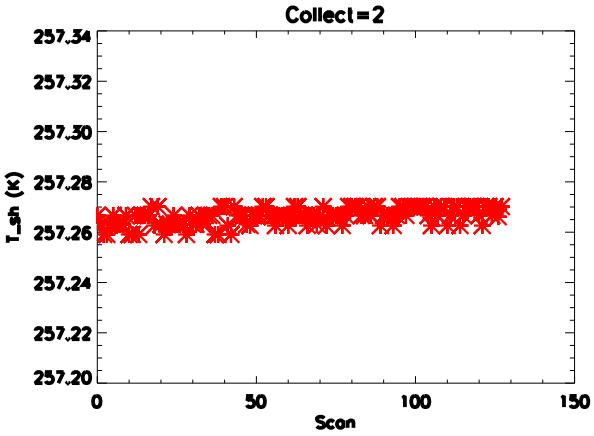

Collect=2
T_cav (K)
254.16
254.14
254.12
254.10
254.08
254.06
254.04
254.02
0
50
100
150
Scan

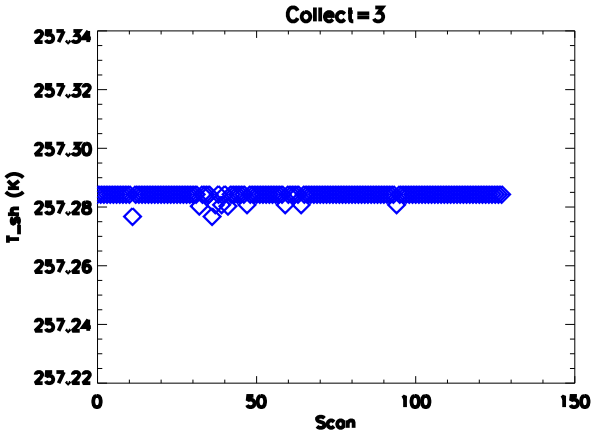

Collect=3
T_cav (K)
254.14
254.12
254.10
254.08
254.06
254.04
254.02
254.00
0
50
100
150
Scan

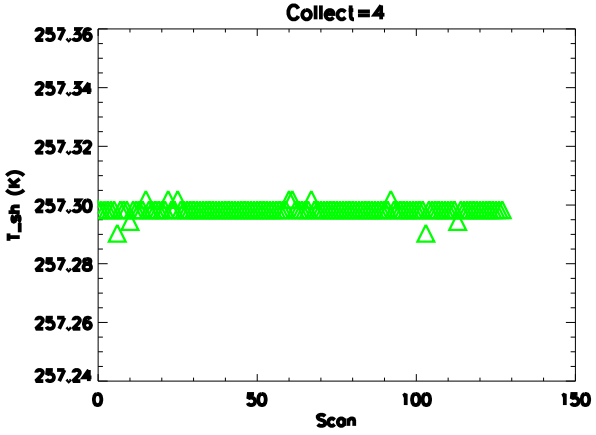

Collect=4
T_cav (K)
254.10
254.08
254.06
254.04
254.02
254.00
253.98
253.96
0
50
100
150
Scan

T_sh vs Scan

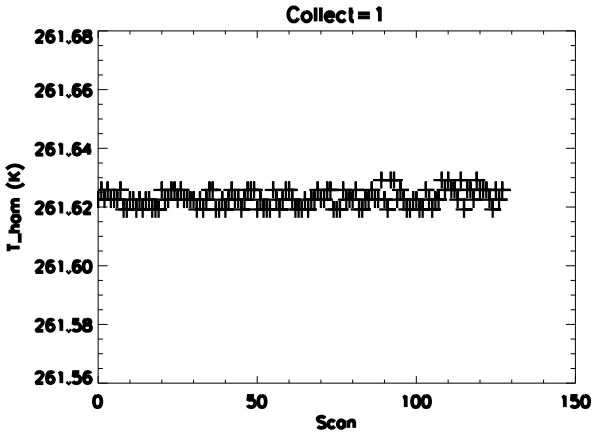

Collect = 1
257.25
257.20
257.15
257.10
257.05
T_sh (K)
0
50
100
150
Scan

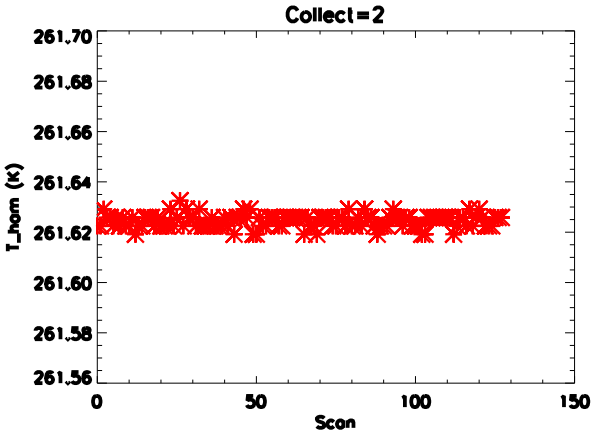

Collect = 2
257.34
257.32
257.30
257.28
257.26
257.24
257.22
257.20
T_sh (K)
0
50
100
150
Scan

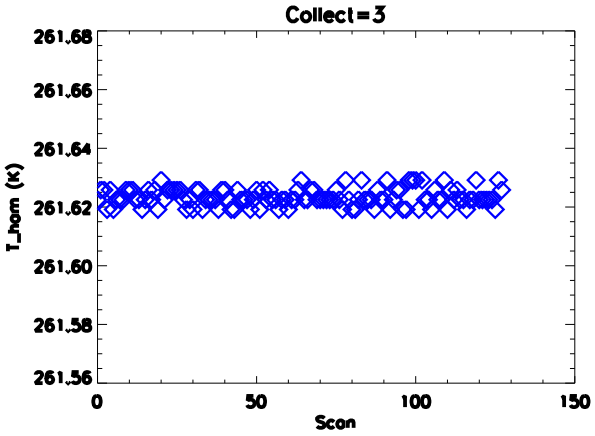

Collect = 3
257.34
257.32
257.30
257.28
257.26
257.24
257.22
T_sh (K)
0
50
100
150
Scan

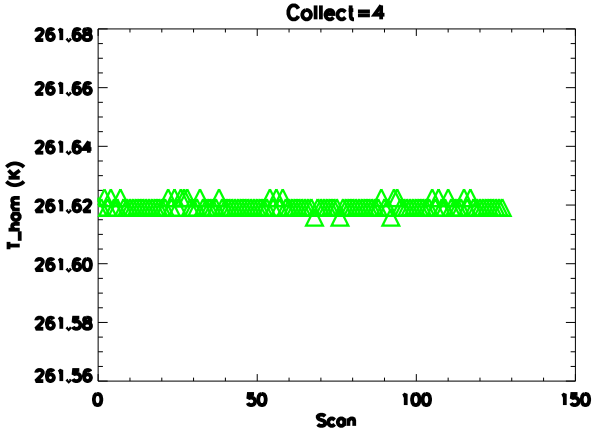

Collect = 4
257.36
257.34
257.32
257.30
257.28
257.26
257.24
T_sh (K)
0
50
100
150
Scan

T_ham vs Scan

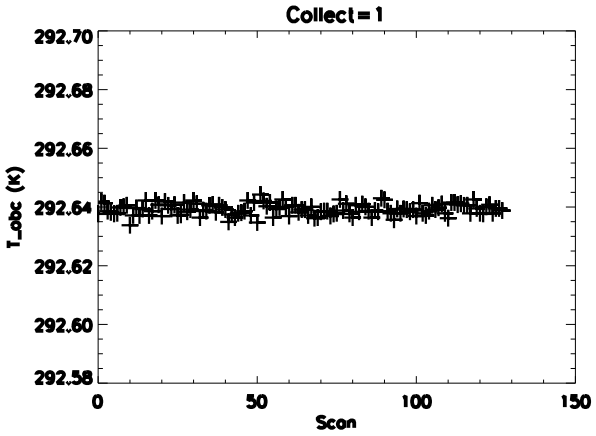

Collect=1
T_ham (K)
261.68
261.66
261.64
261.62
261.60
261.58
261.56
0
50
100
150
Scan

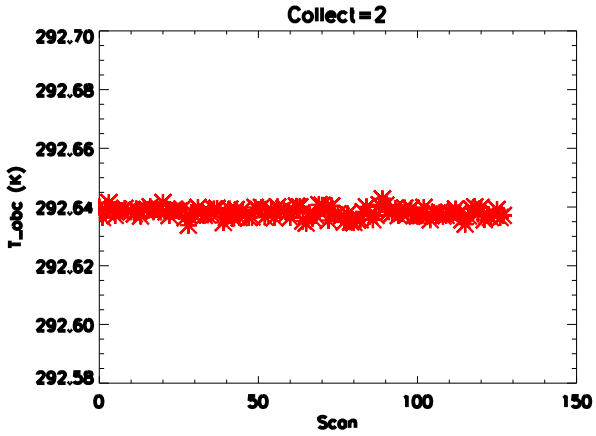

Collect=2
T_ham (K)
261.70
261.68
261.66
261.64
261.62
261.60
261.58
261.56
0
50
100
150
Scan

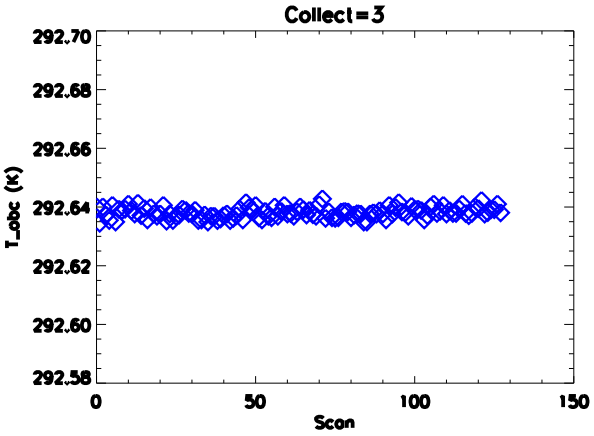

Collect=3
T_ham (K)
261.68
261.66
261.64
261.62
261.60
261.58
261.56
0
50
100
150
Scan

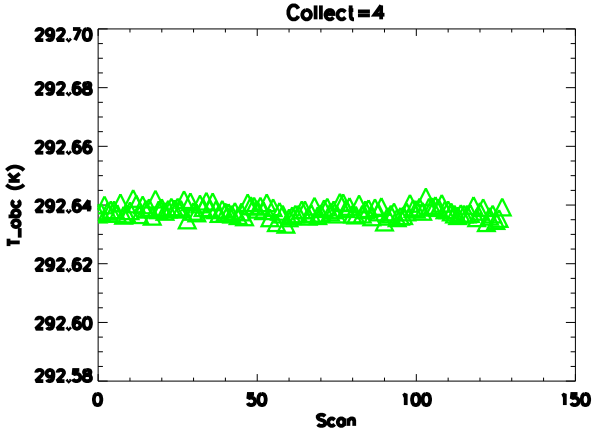

Collect=4
T_ham (K)
261.68
261.66
261.64
261.62
261.60
261.58
261.56
0
50
100
150
Scan

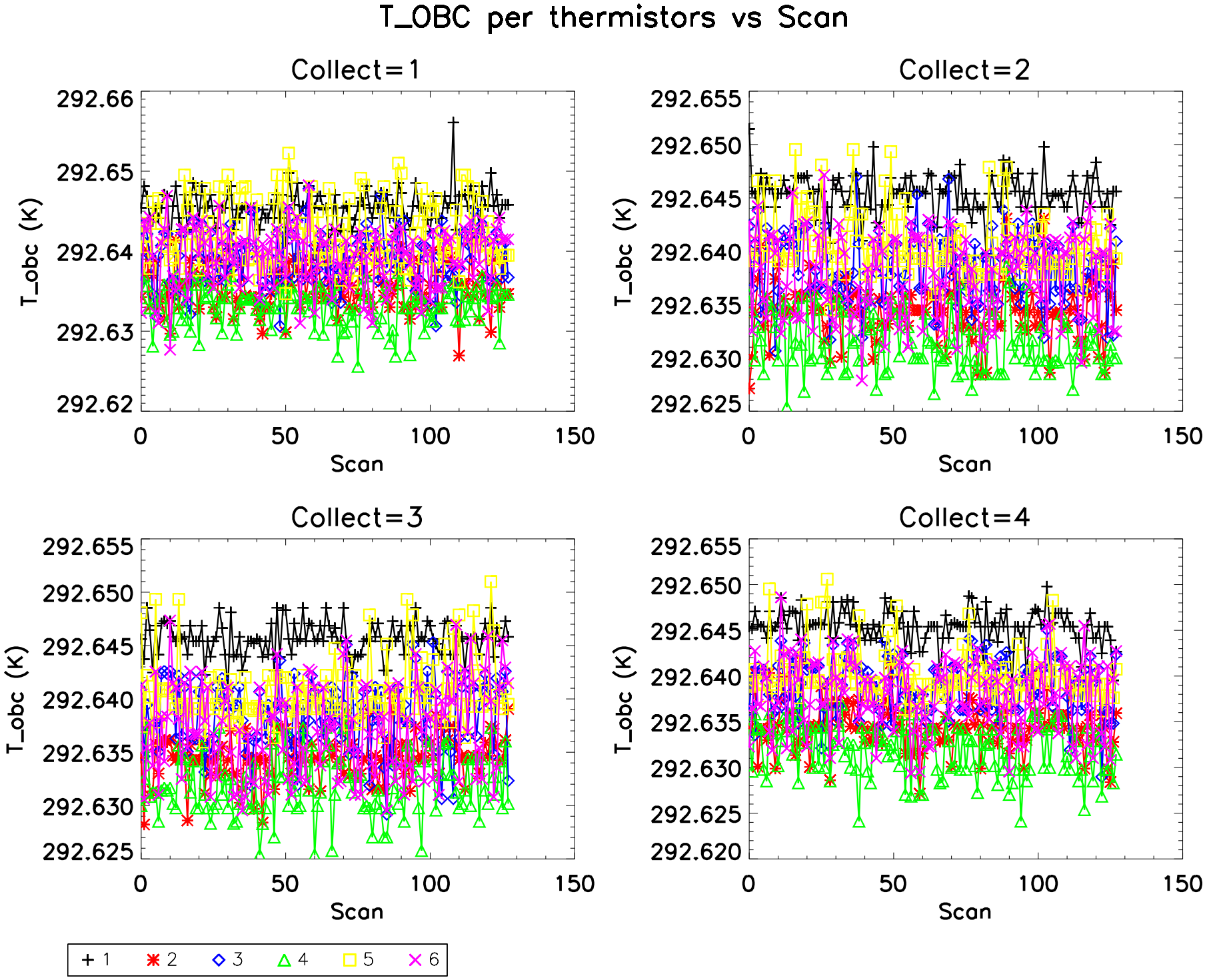
T_obc vs Scan

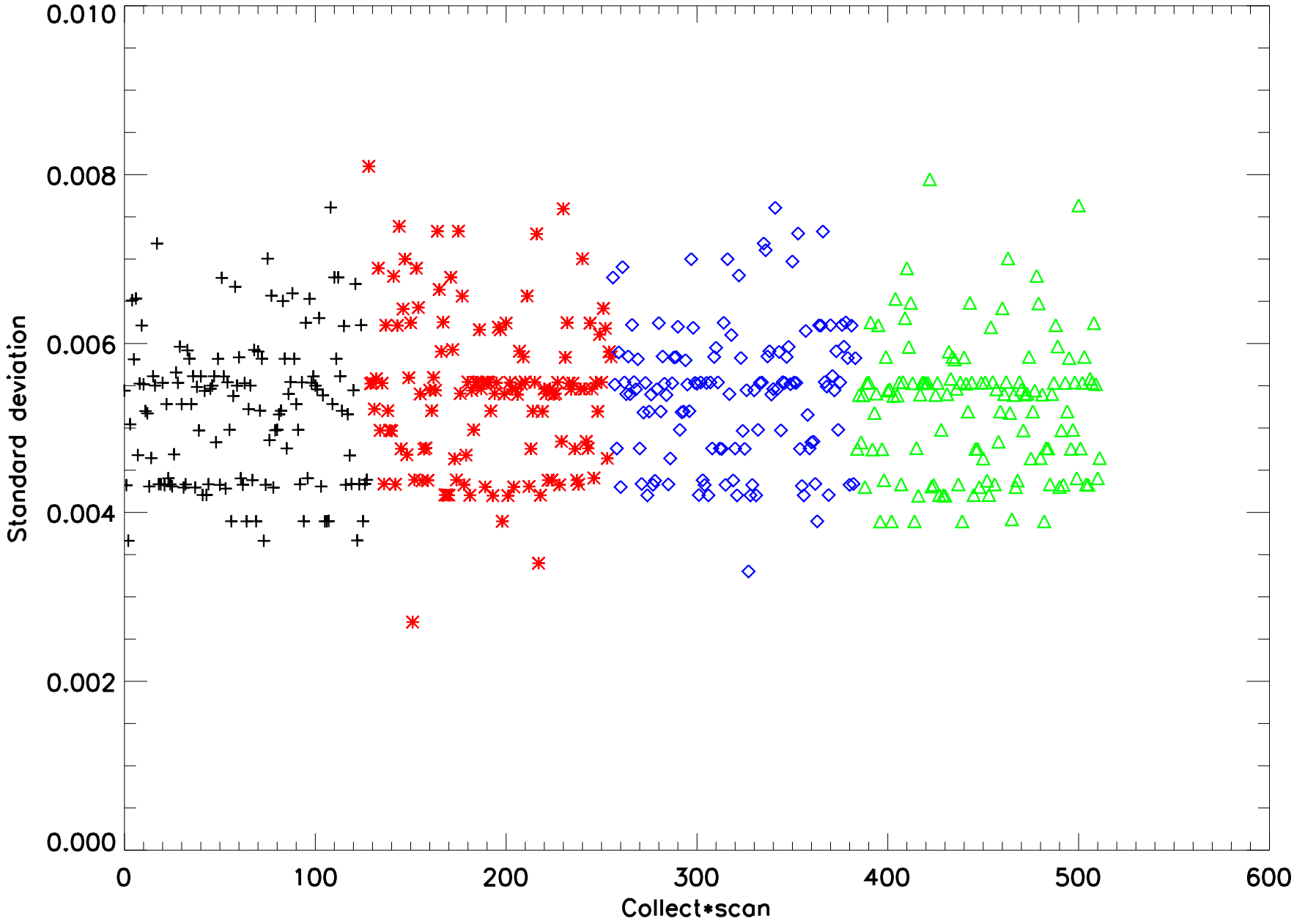

Collect=1
292.70
292.68
292.66
292.64
292.62
292.60
292.58
T_obc (K)
0
50
100
150
Scan

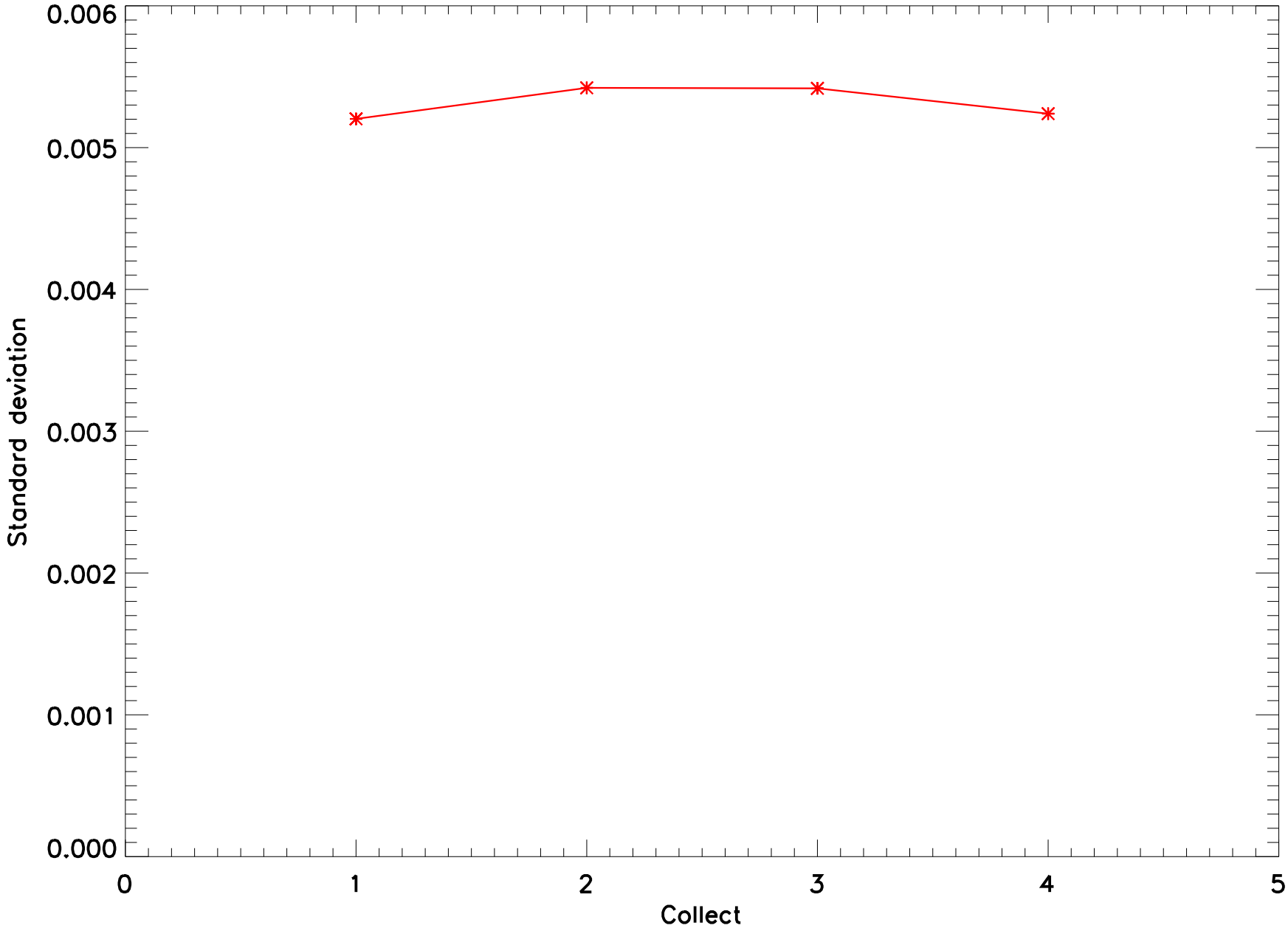

Collect=2
292.70
292.68
292.66
292.64
292.62
292.60
292.58
T_obc (K)
0
50
100
150
Scan

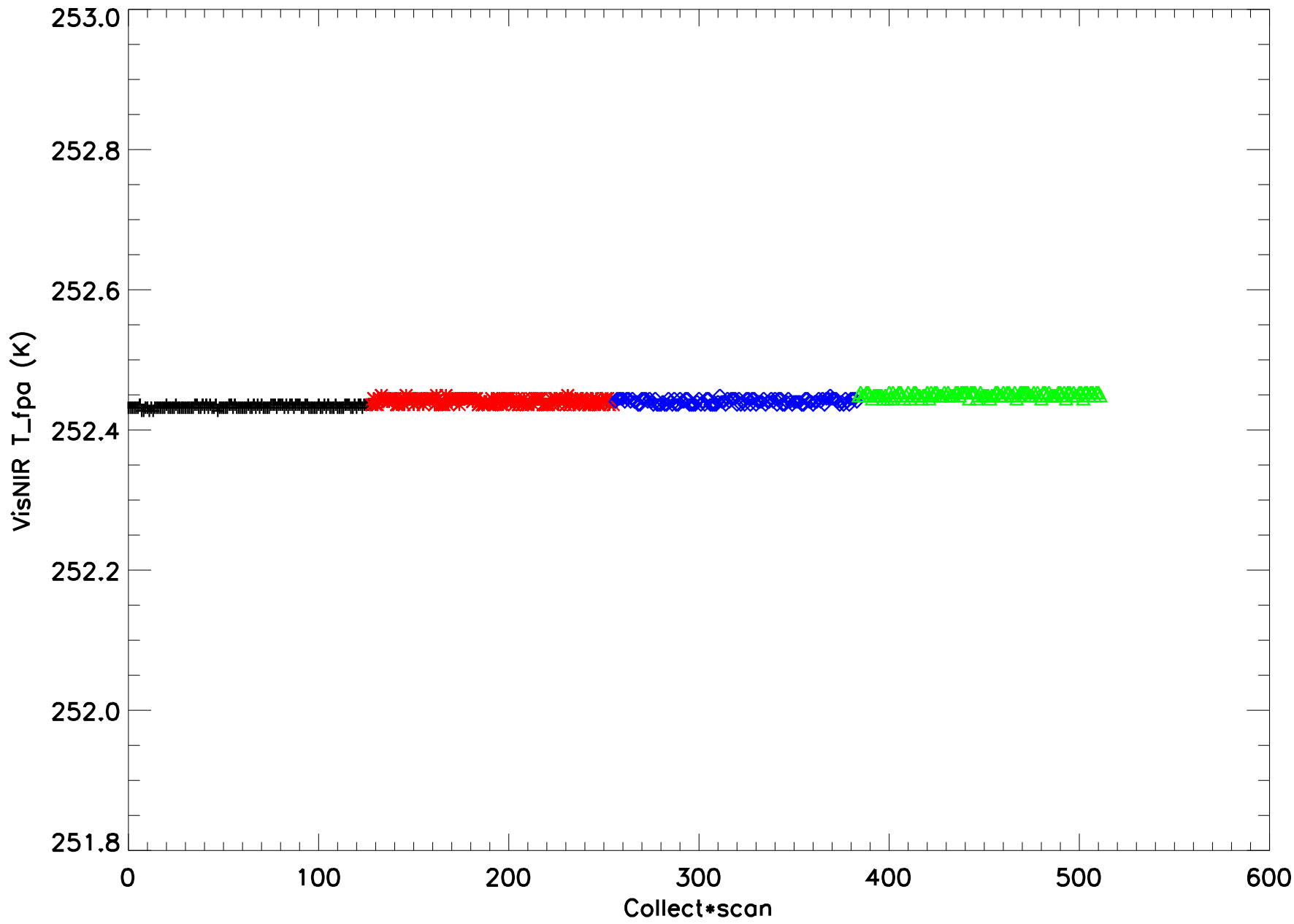

Collect=3
292.70
292.68
292.66
292.64
292.62
292.60
292.58
T_obc (K)
0
50
100
150
Scan

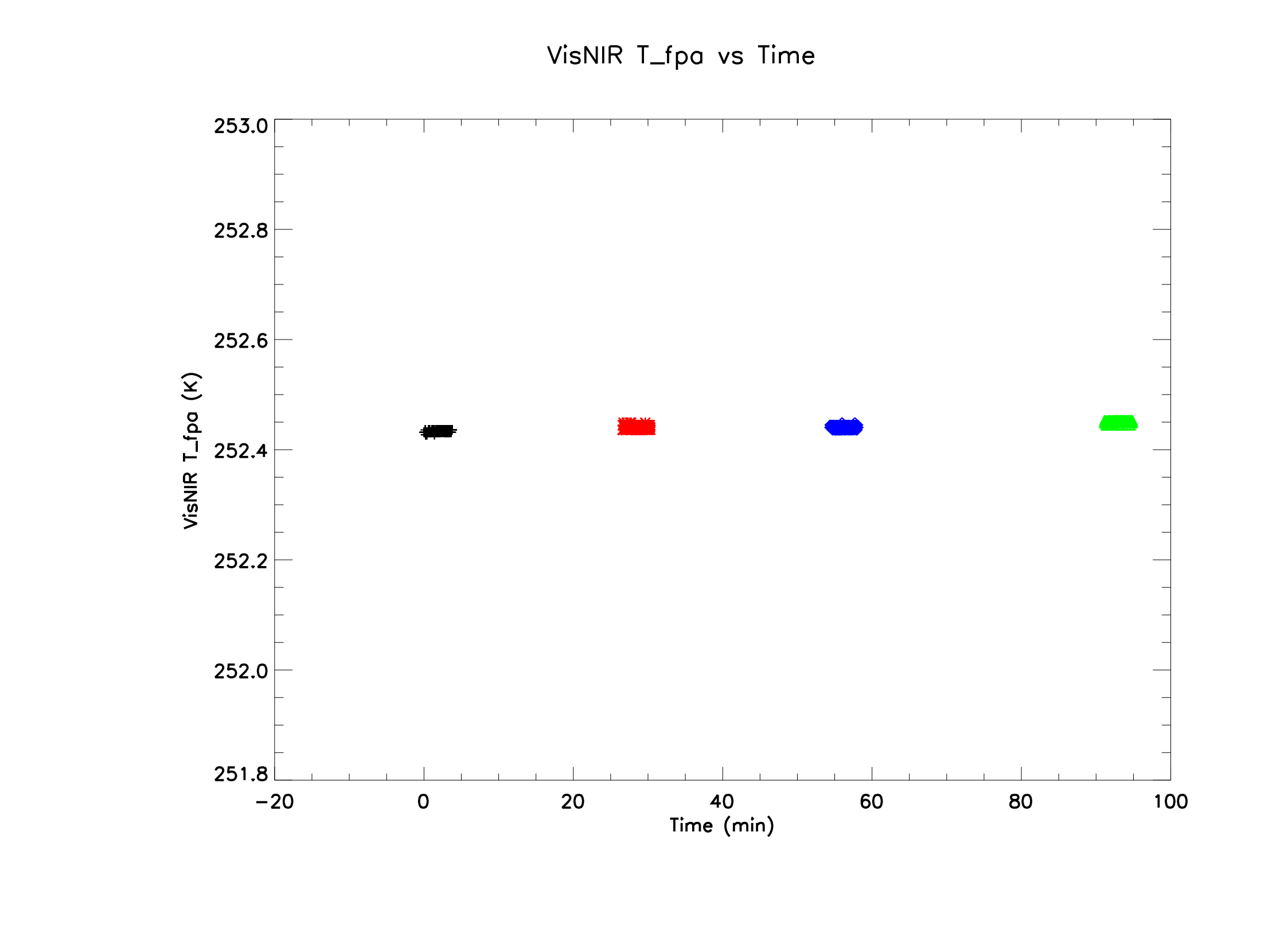

Collect=4
292.70
292.68
292.66
292.64
292.62
292.60
292.58
T_obc (K)
0
50
100
150
Scan


T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
292.66
292.65
292.64
292.63
292.62
292.655
292.650
292.645
292.640
292.635
292.630
292.625
292.620
0
50
100
150
1
2
3
4
5
6

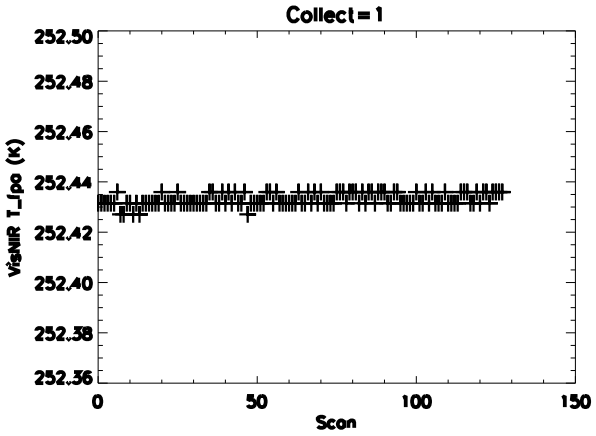

OBC thermistor standard deviation vs Scan and Collect
Standard deviation
0.010
0.008
0.006
0.004
0.002
0.000
0
100
200
300
400
500
600
Collect*scan

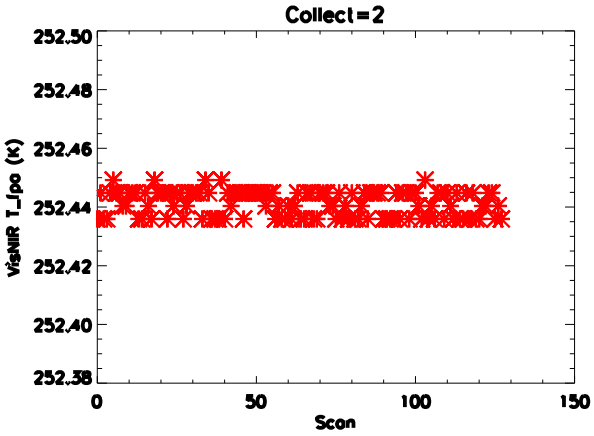

OBC thermistor standard deviation vs Collect
0.006
0.005
0.004
0.003
0.002
0.001
0.000
Standard deviation
0
1
2
3
4
5
Collect

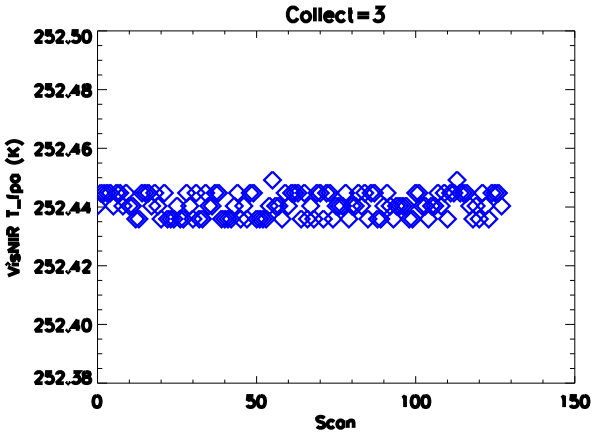

VisNIR T_fpa vs Scan and Collect
253.0
252.8
252.6
252.4
252.2
252.0
251.8
VisNIR T_fpa (K)
0
100
200
300
400
500
600
Collect*scan

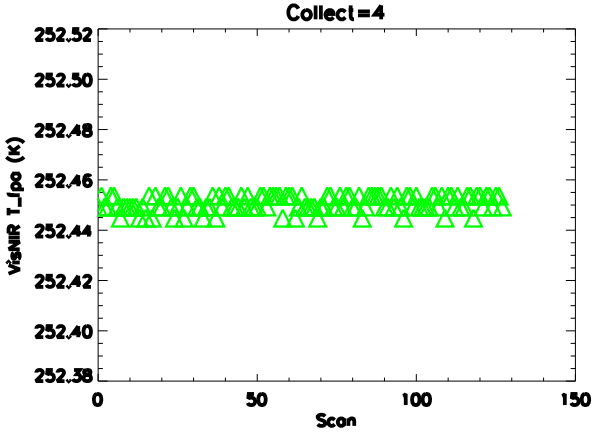

VisNIR T_fpa vs Time
253.0
252.8
252.6
252.4
252.2
252.0
251.8
VisNIR T_fpa (K)
−20
0
20
40
60
80
100
Time (min)

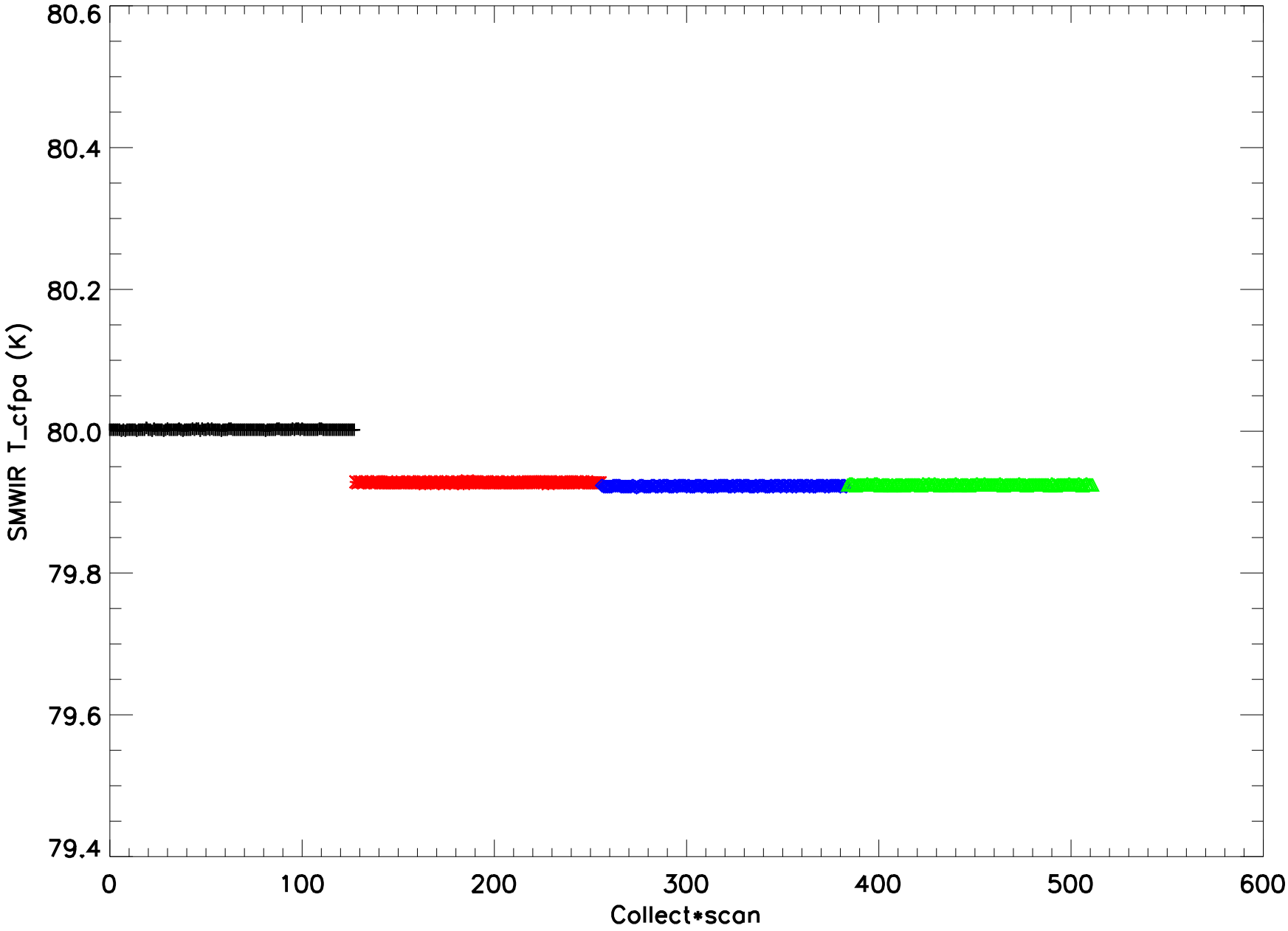
VisNIR T_fpa vs Scan

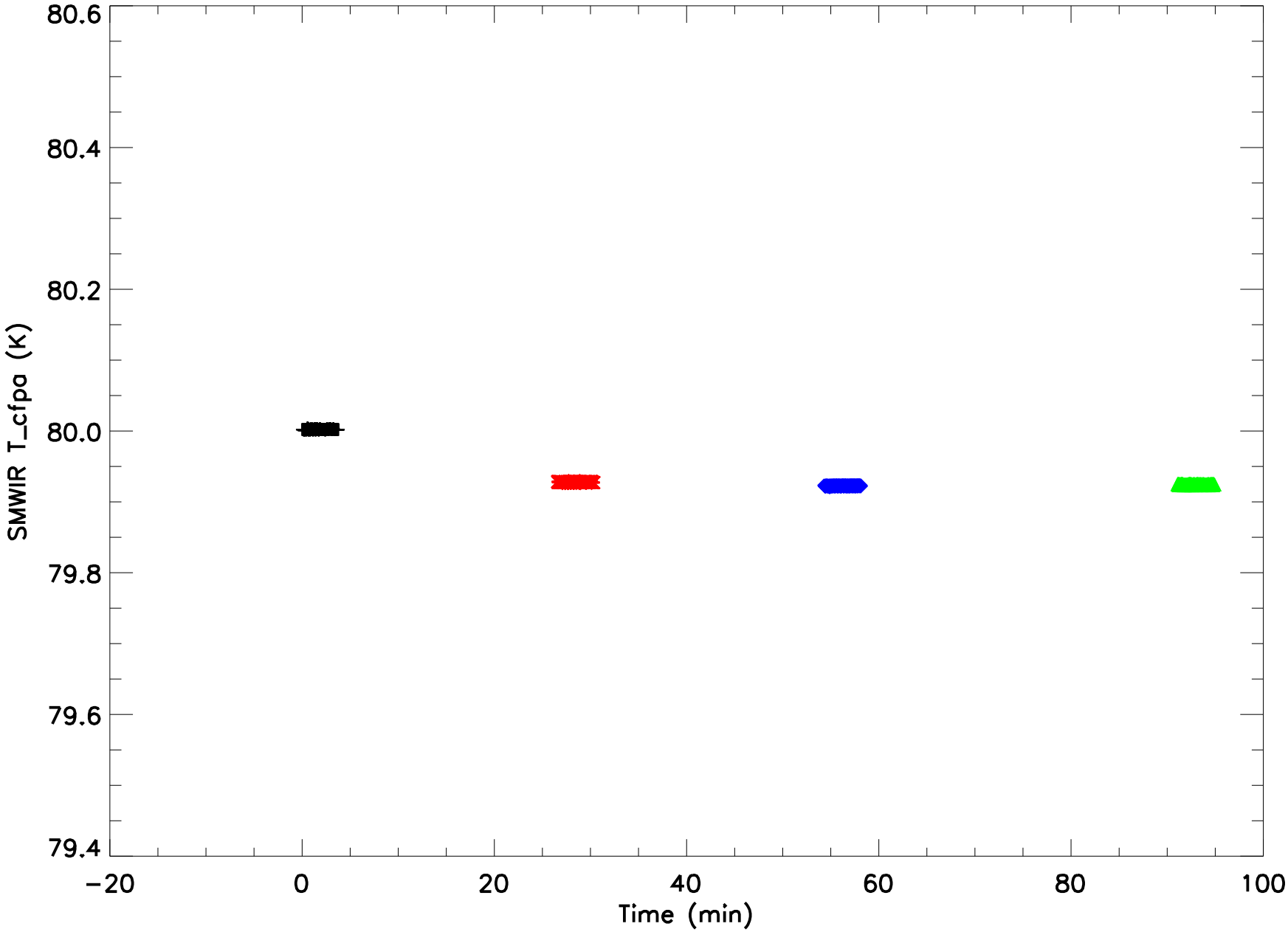




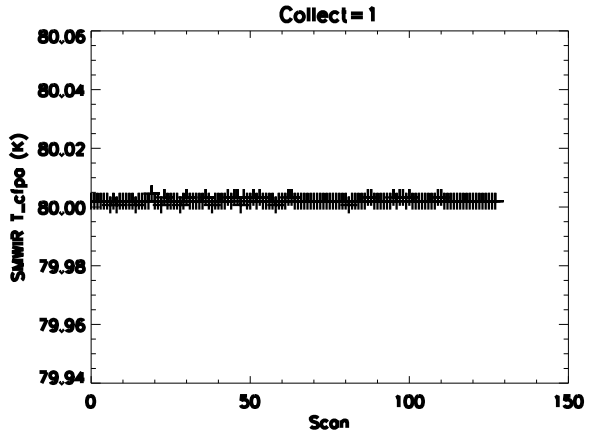


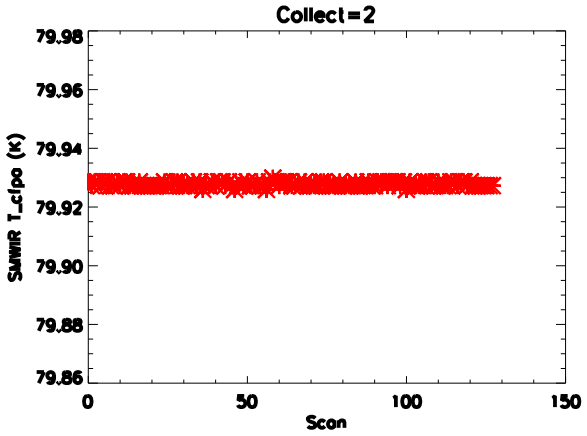


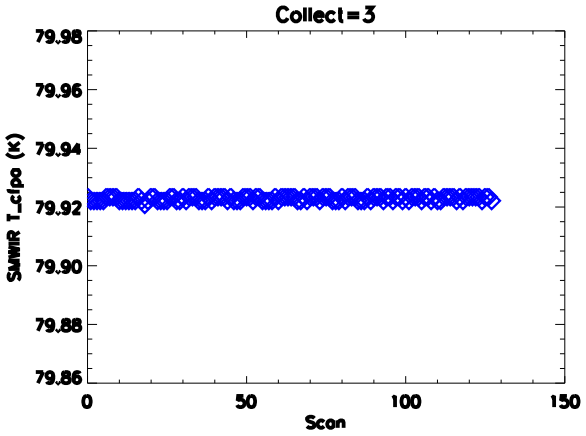

SMWIR T_cfpa vs Scan and Collect
80.6
80.4
80.2
80.0
79.8
79.6
79.4
SMWIR T_cfpa (K)
0
100
200
300
400
500
600
Collect*scan

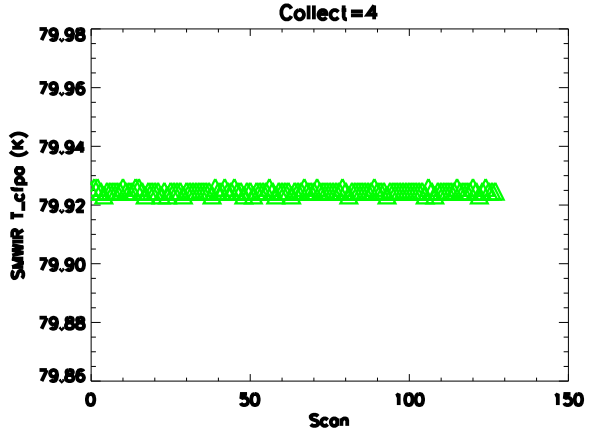

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
−20
0
20
40
60
80
100
Time (min)

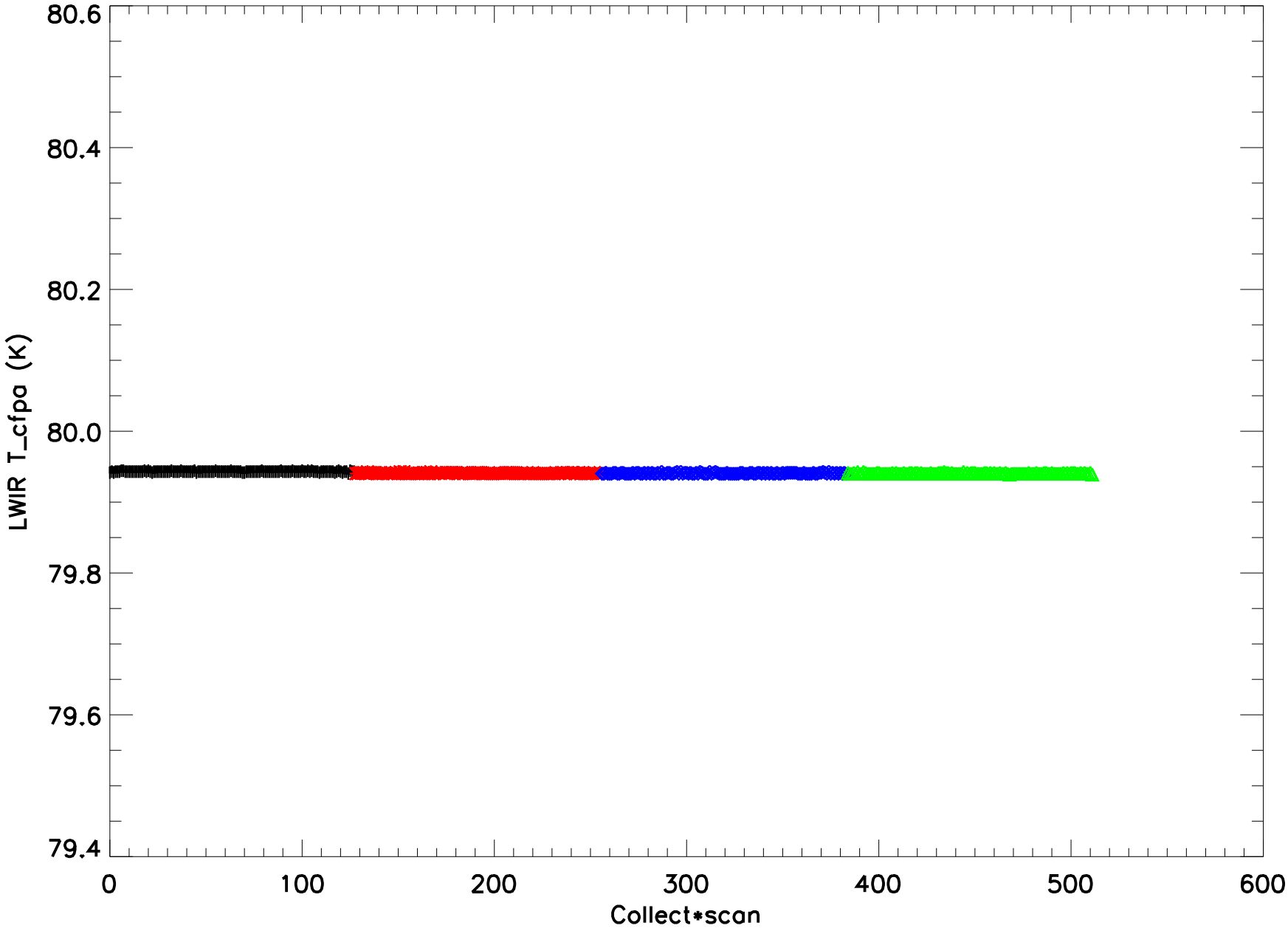
SMWIR T_cfpa vs Scan

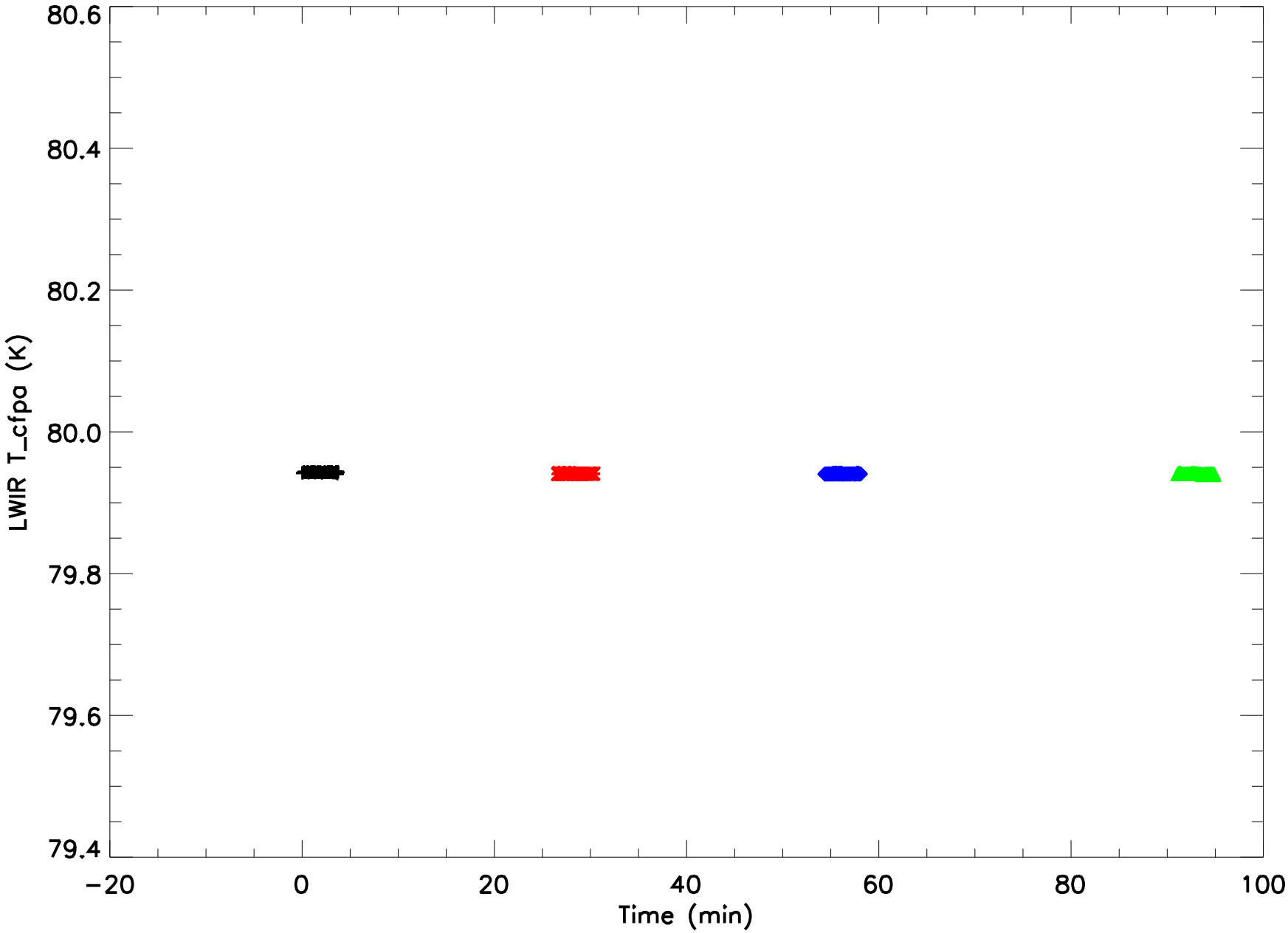




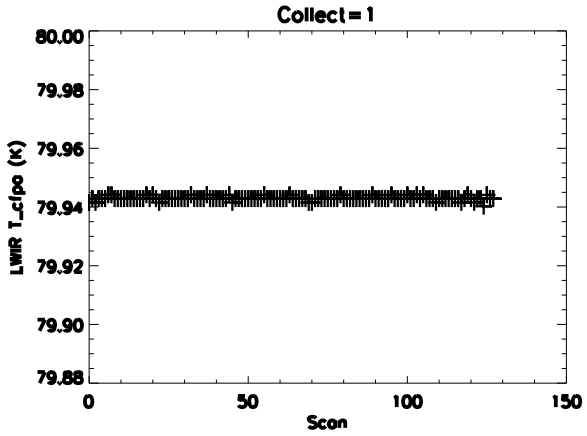


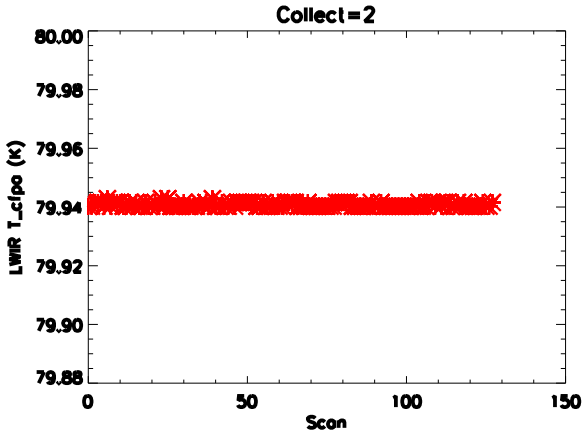


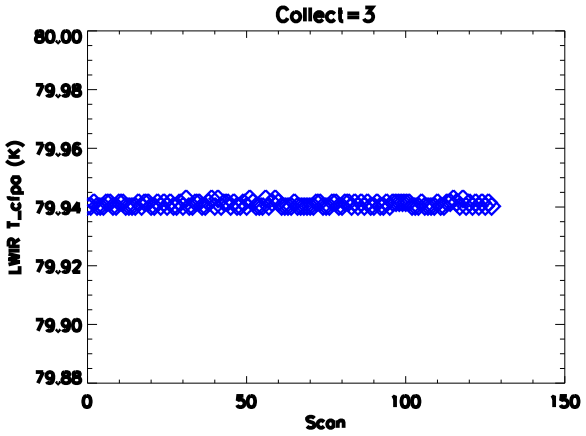

LWIR T_cfpa vs Scan and Collect
80.6
80.4
80.2
80.0
79.8
79.6
79.4
LWIR T_cfpa (K)
0
100
200
300
400
500
600
Collect*scan

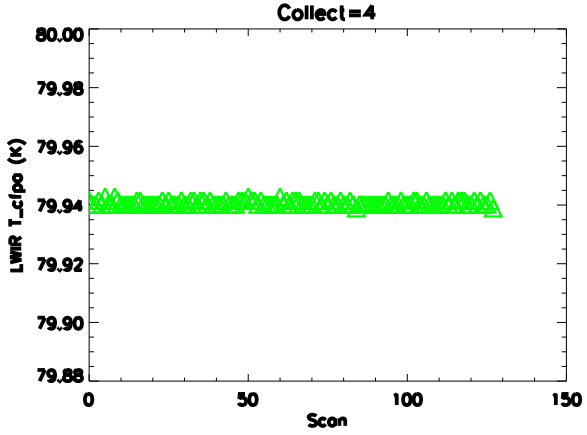

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
−20
0
20
40
60
80
100
Time (min)

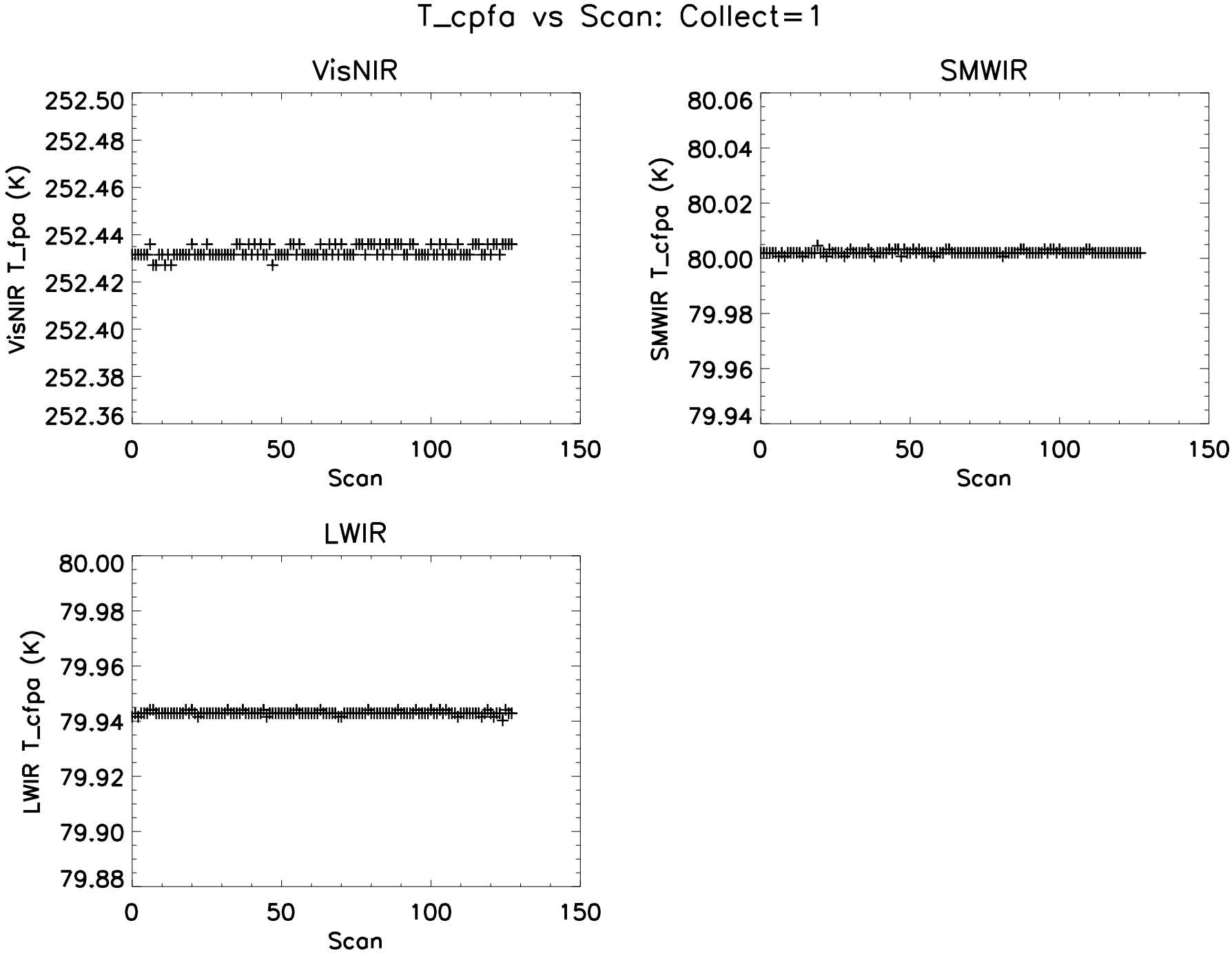
LWIR T_cfpa vs Scan

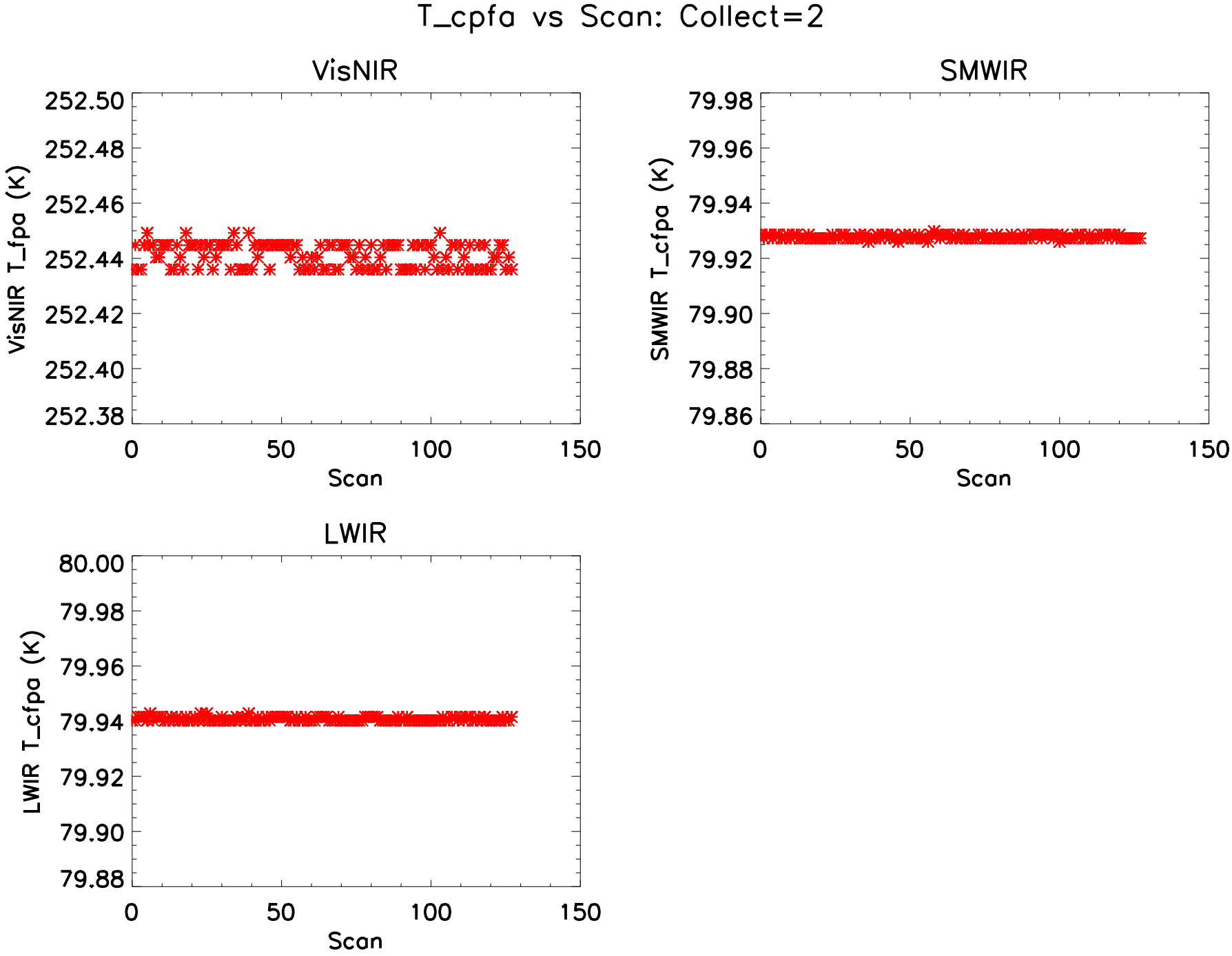


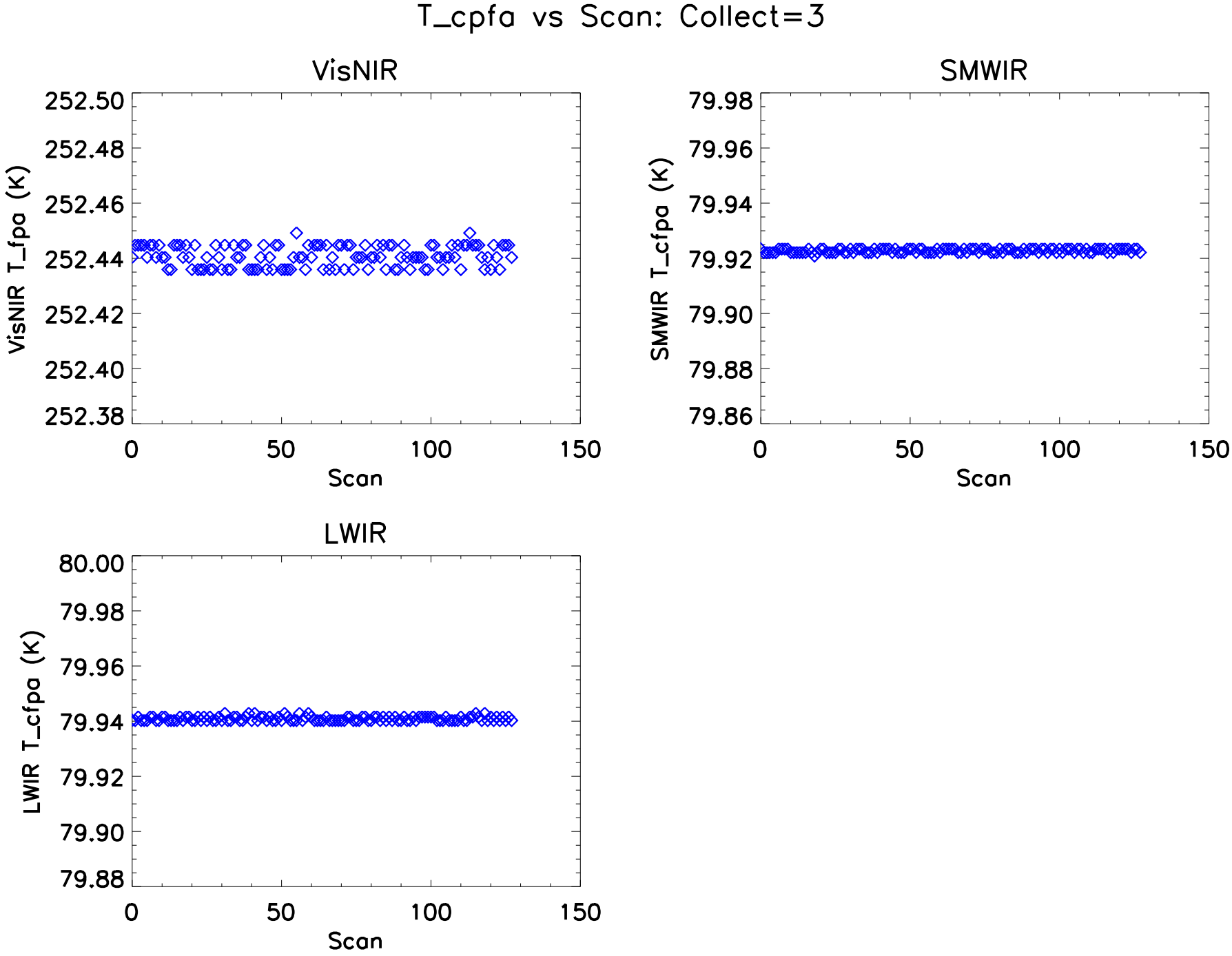


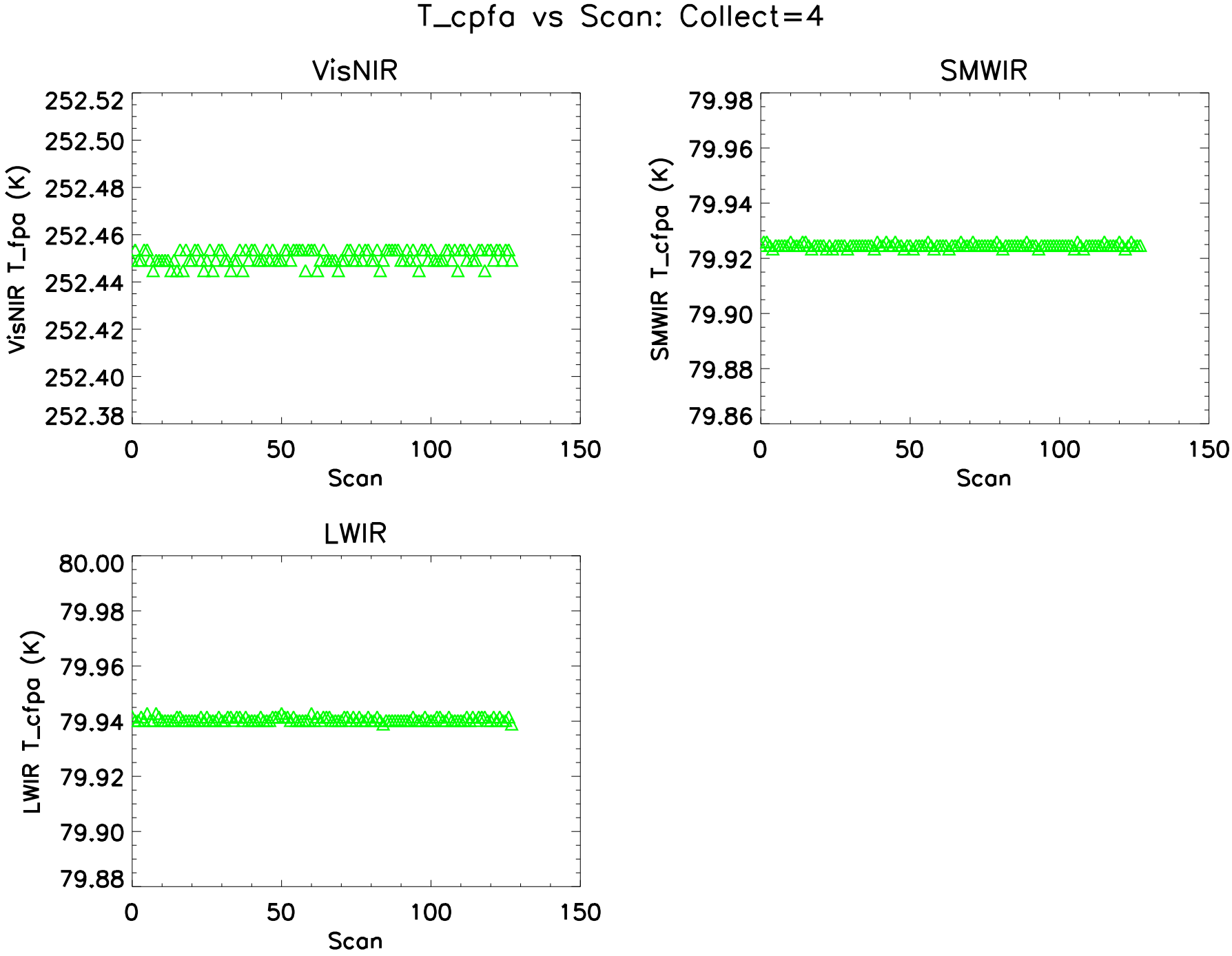


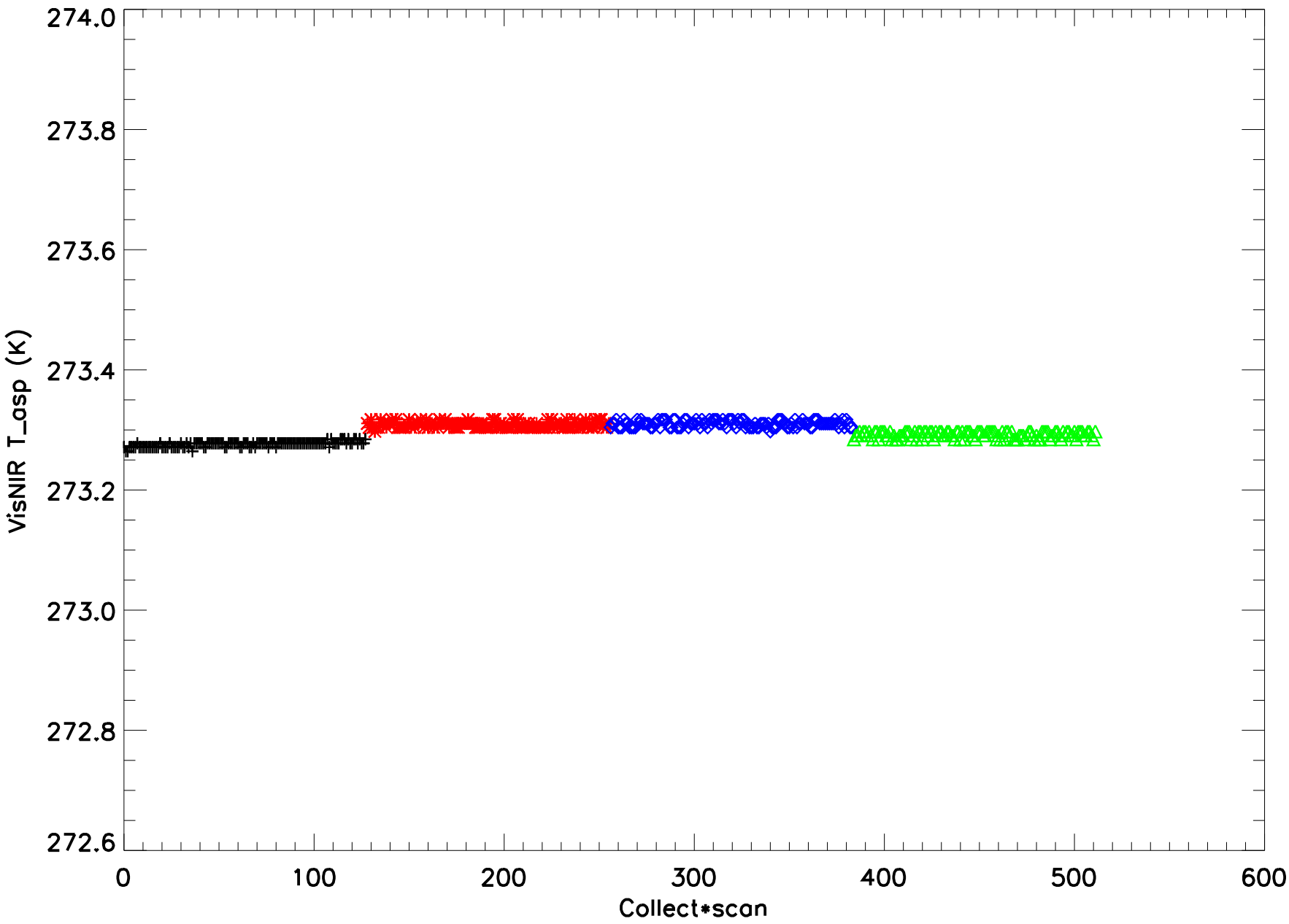


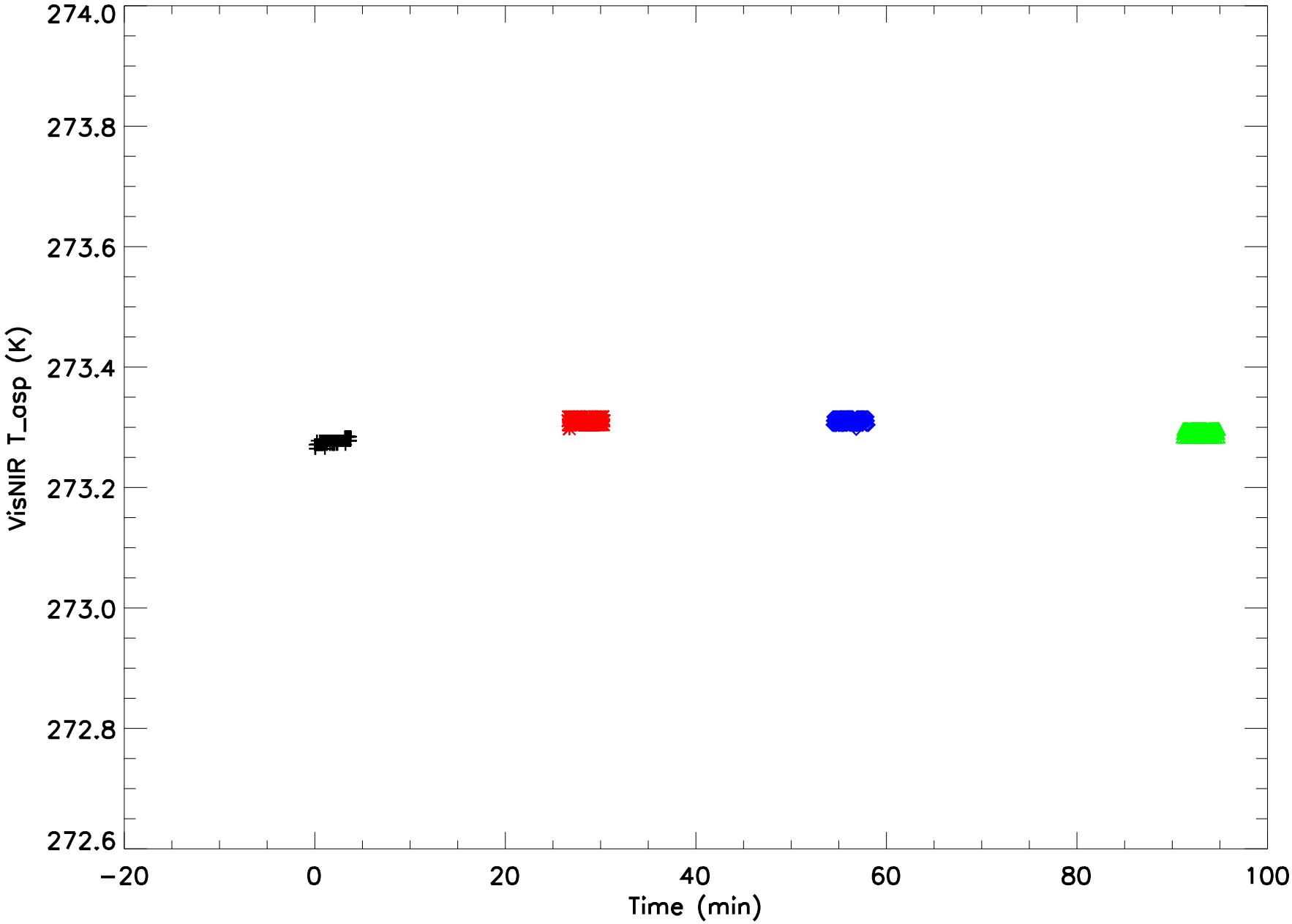

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
252.50
252.48
252.46
252.44
252.42
252.40
252.38
252.36
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
80.06
80.04
80.02
80.00
79.98
79.96
79.94
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
80.00
79.98
79.96
79.94
79.92
79.90
79.88
0
50
100
150
Scan


T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
252.50
252.48
252.46
252.44
252.42
252.40
252.38
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
79.98
79.96
79.94
79.92
79.90
79.88
79.86
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
80.00
79.98
79.96
79.94
79.92
79.90
79.88
0
50
100
150
Scan

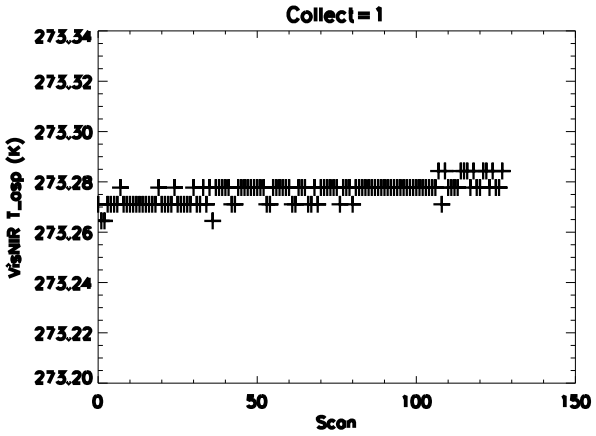

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
252.50
252.48
252.46
252.44
252.42
252.40
252.38
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
79.98
79.96
79.94
79.92
79.90
79.88
79.86
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
80.00
79.98
79.96
79.94
79.92
79.90
79.88
0
50
100
150
Scan

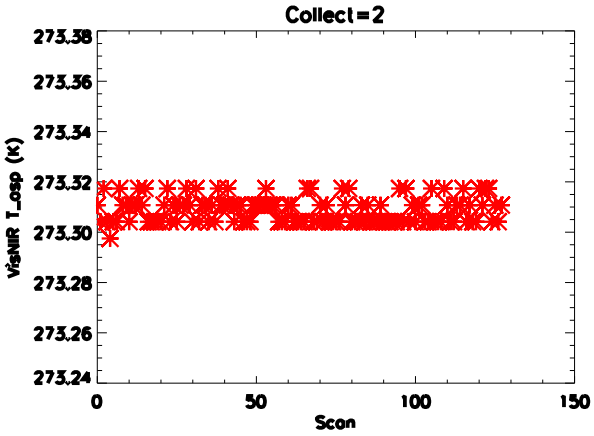

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
252.52
252.50
252.48
252.46
252.44
252.42
252.40
252.38
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
79.98
79.96
79.94
79.92
79.90
79.88
79.86
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
80.00
79.98
79.96
79.94
79.92
79.90
79.88
0
50
100
150
Scan

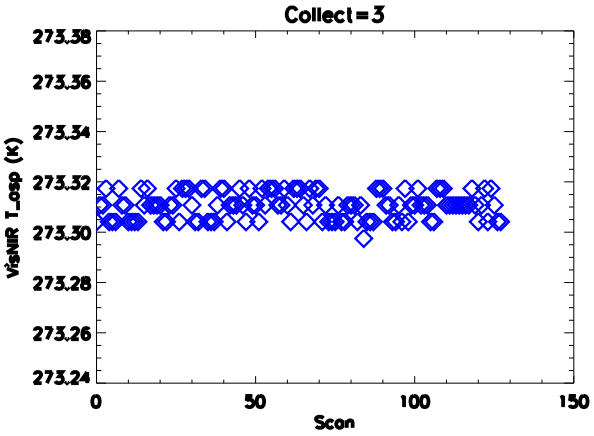

VisNIR T_asp vs Scan and Collect
VisNIR T_asp (K)
274.0
273.8
273.6
273.4
273.2
273.0
272.8
272.6
0
100
200
300
400
500
600
Collect*scan

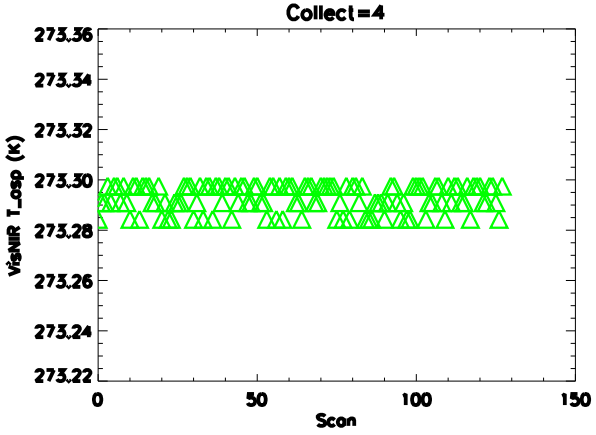

VisNIR T_asp vs Time
VisNIR T_asp (K)
274.0
273.8
273.6
273.4
273.2
273.0
272.8
272.6
−20
0
20
40
60
80
100
Time (min)

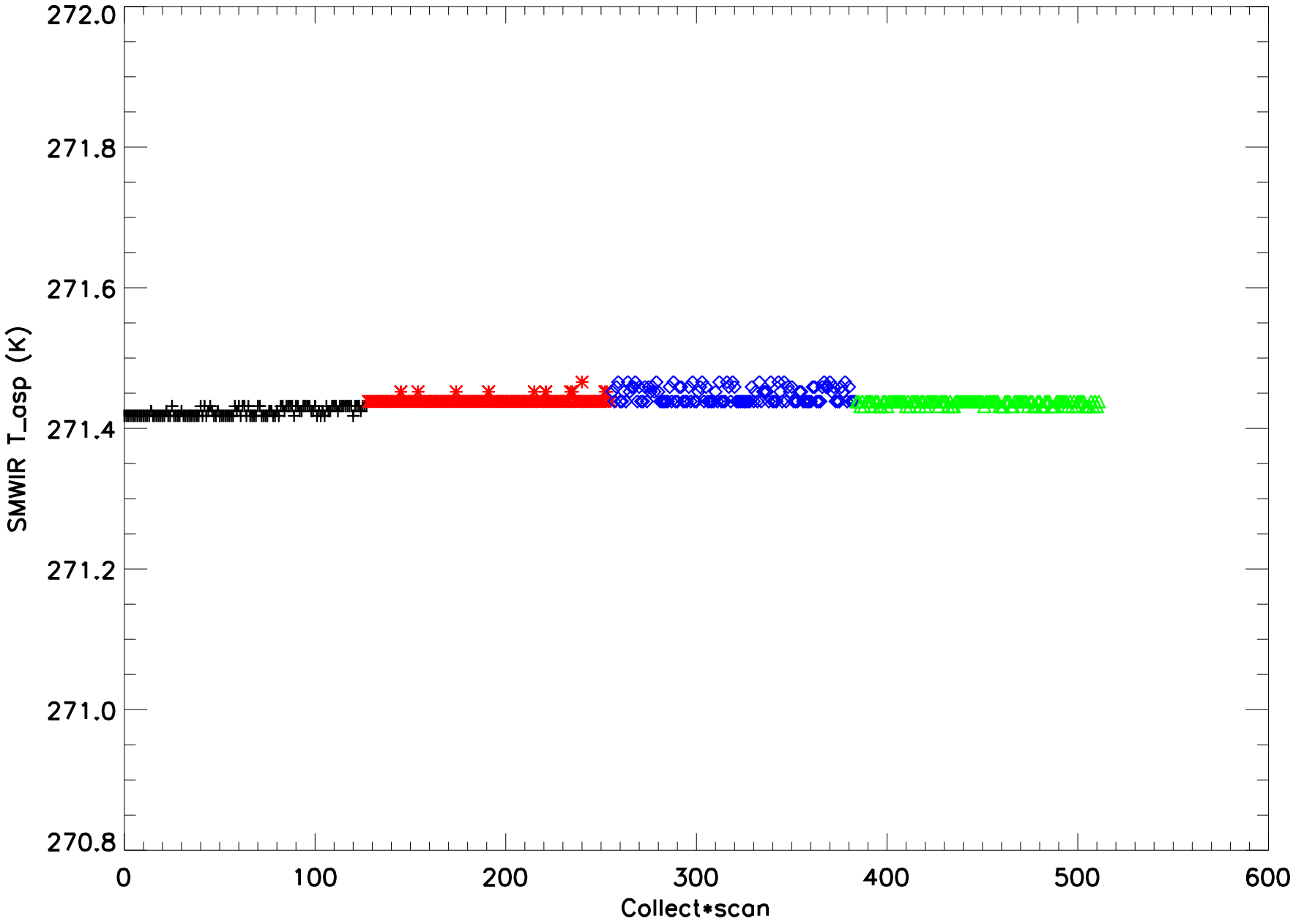
VisNIR T_asp vs Scan

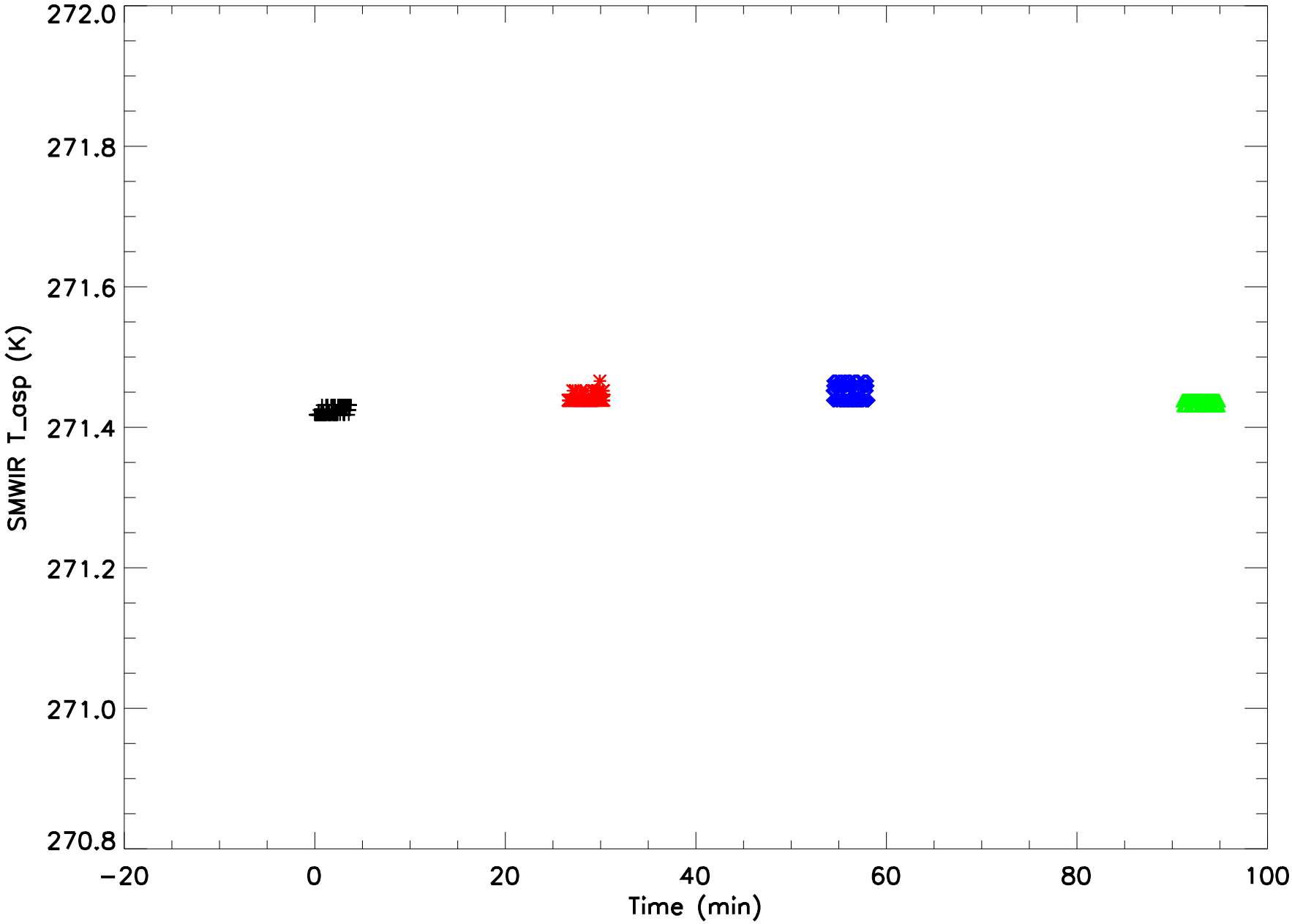




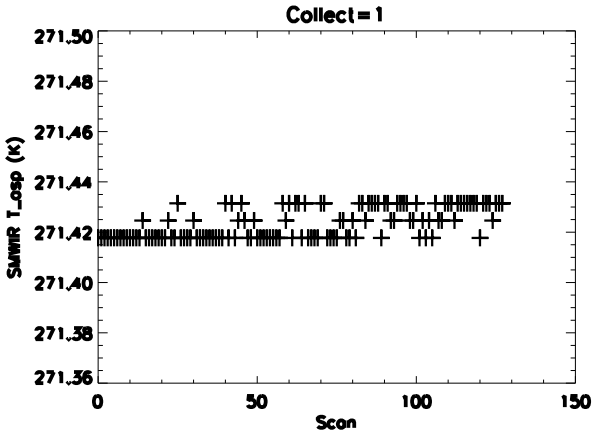


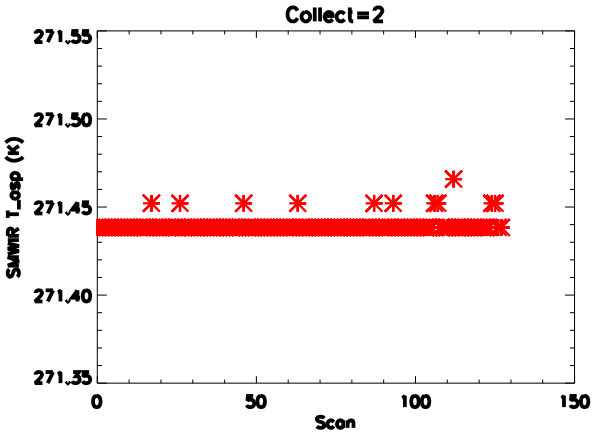


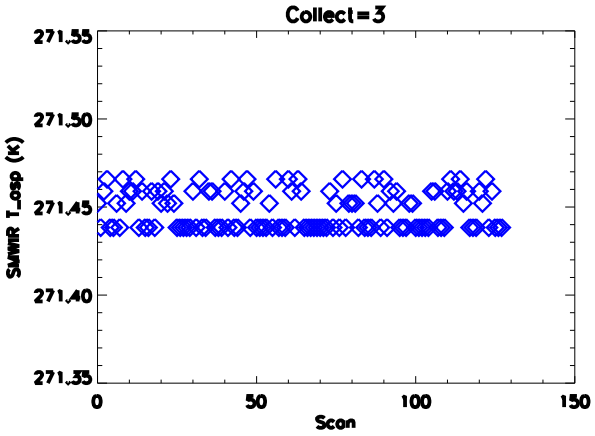

SMWIR T_asp vs Scan and Collect
272.0
271.8
271.6
271.4
271.2
271.0
270.8
SMWIR T_asp (K)
0
100
200
300
400
500
600
Collect*scan

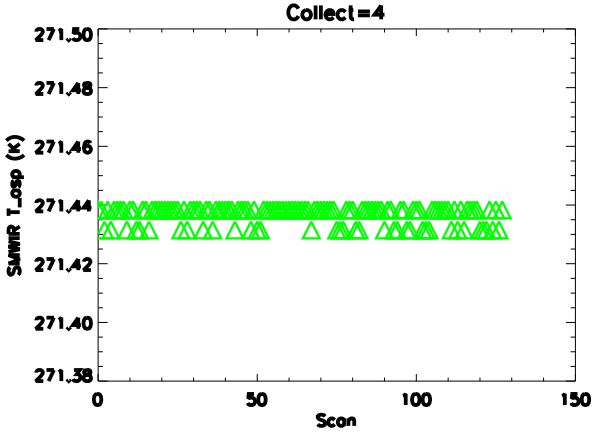

SMWIR T_asp vs Time
SMWIR T_asp (K)
272.0
271.8
271.6
271.4
271.2
271.0
270.8
−20
0
20
40
60
80
100
Time (min)

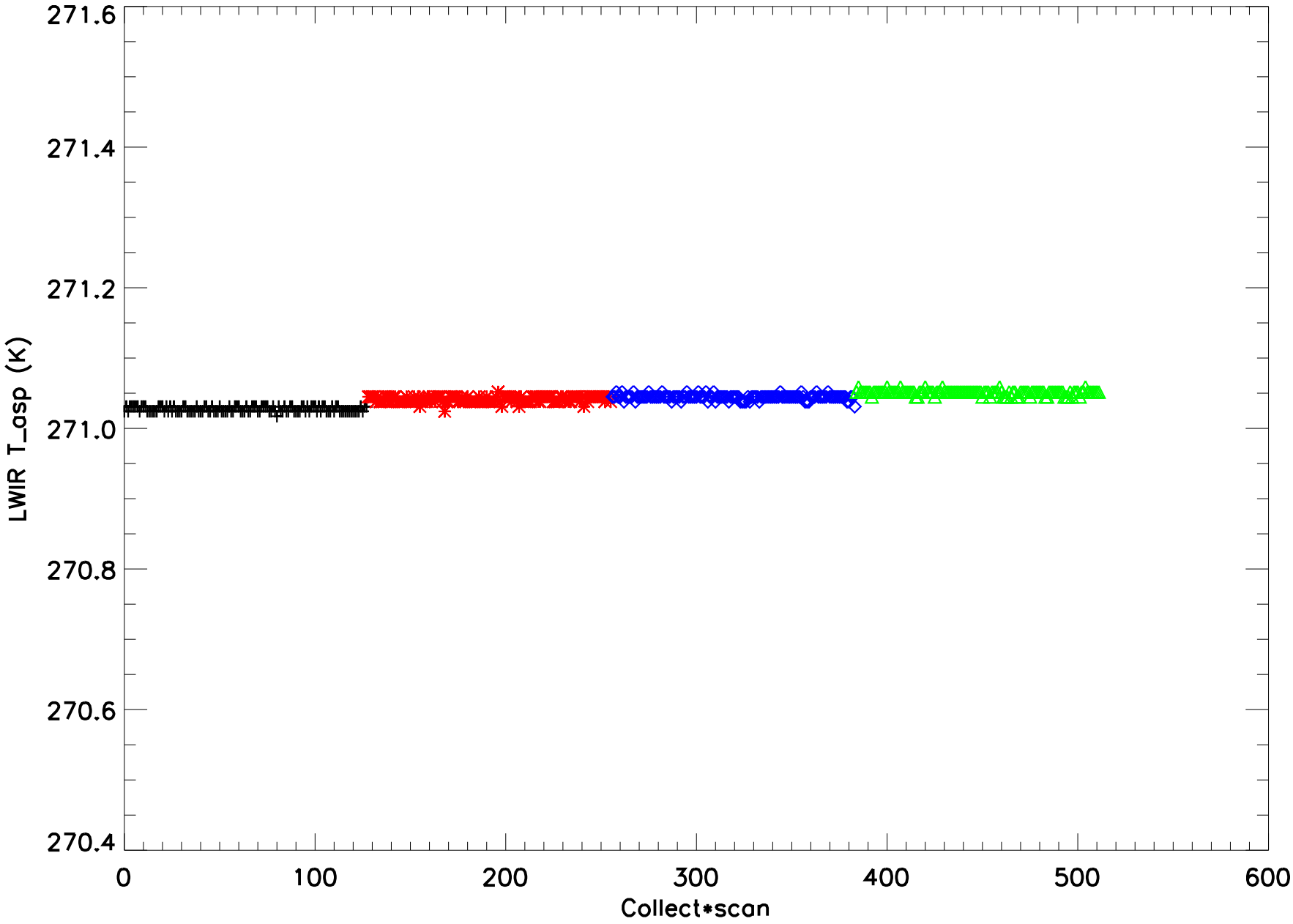
SMWIR T_asp vs Scan

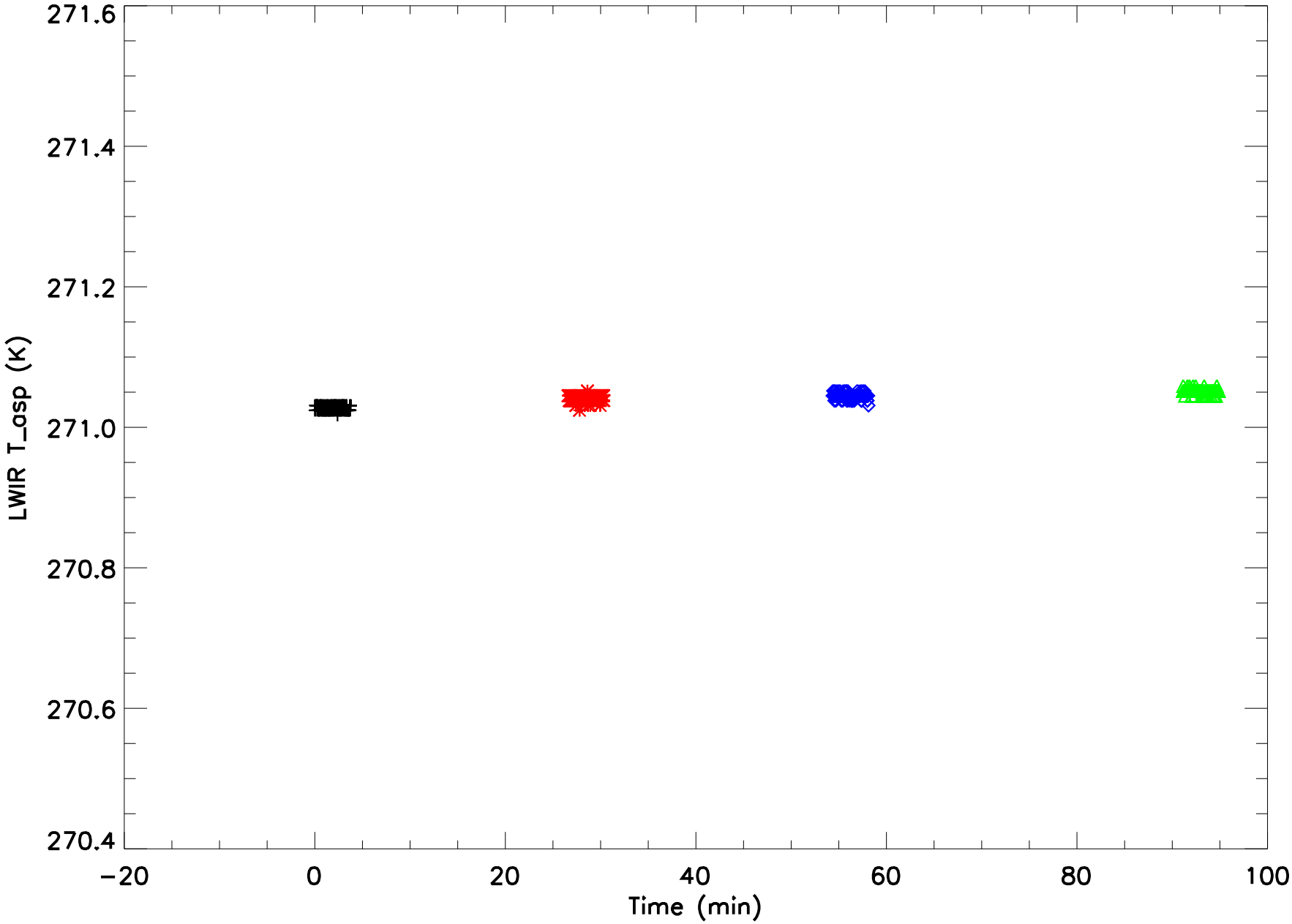




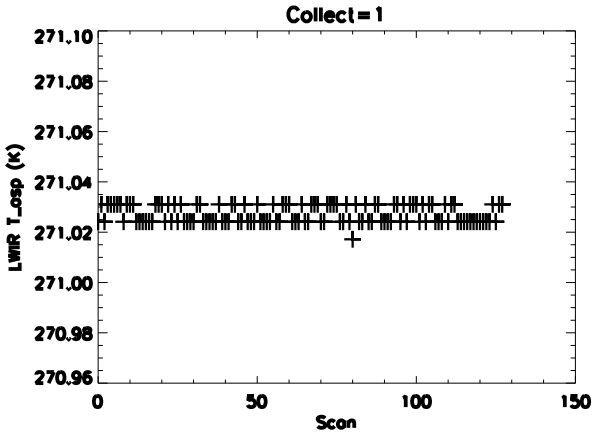


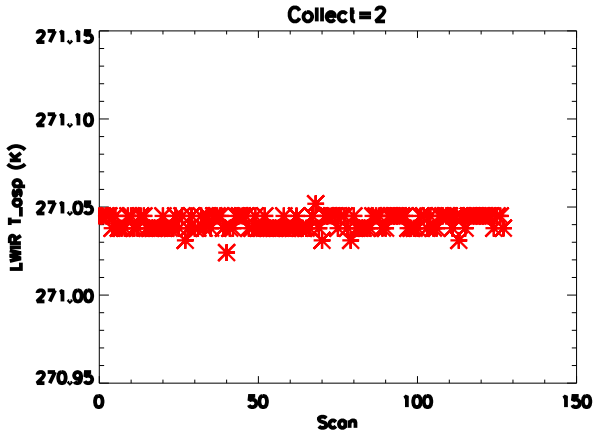


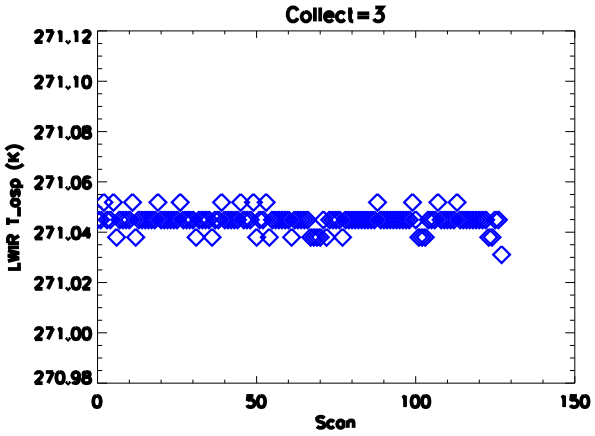

LWIR T_asp vs Scan and Collect
LWIR T_asp (K)
271.6
271.4
271.2
271.0
270.8
270.6
270.4
0
100
200
300
400
500
600
Collect*scan

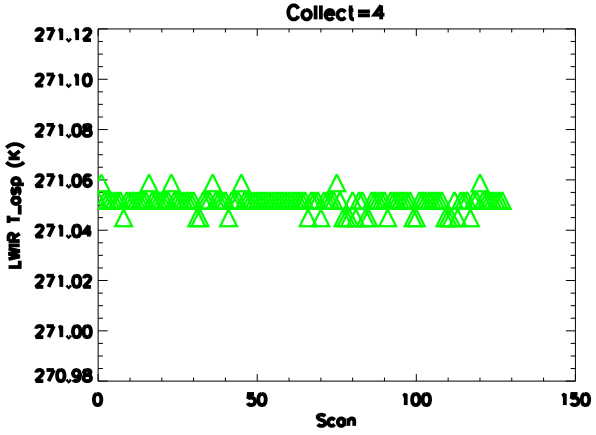

LWIR T_asp vs Time
LWIR T_asp (K)
271.6
271.4
271.2
271.0
270.8
270.6
270.4
−20
0
20
40
60
80
100
Time (min)

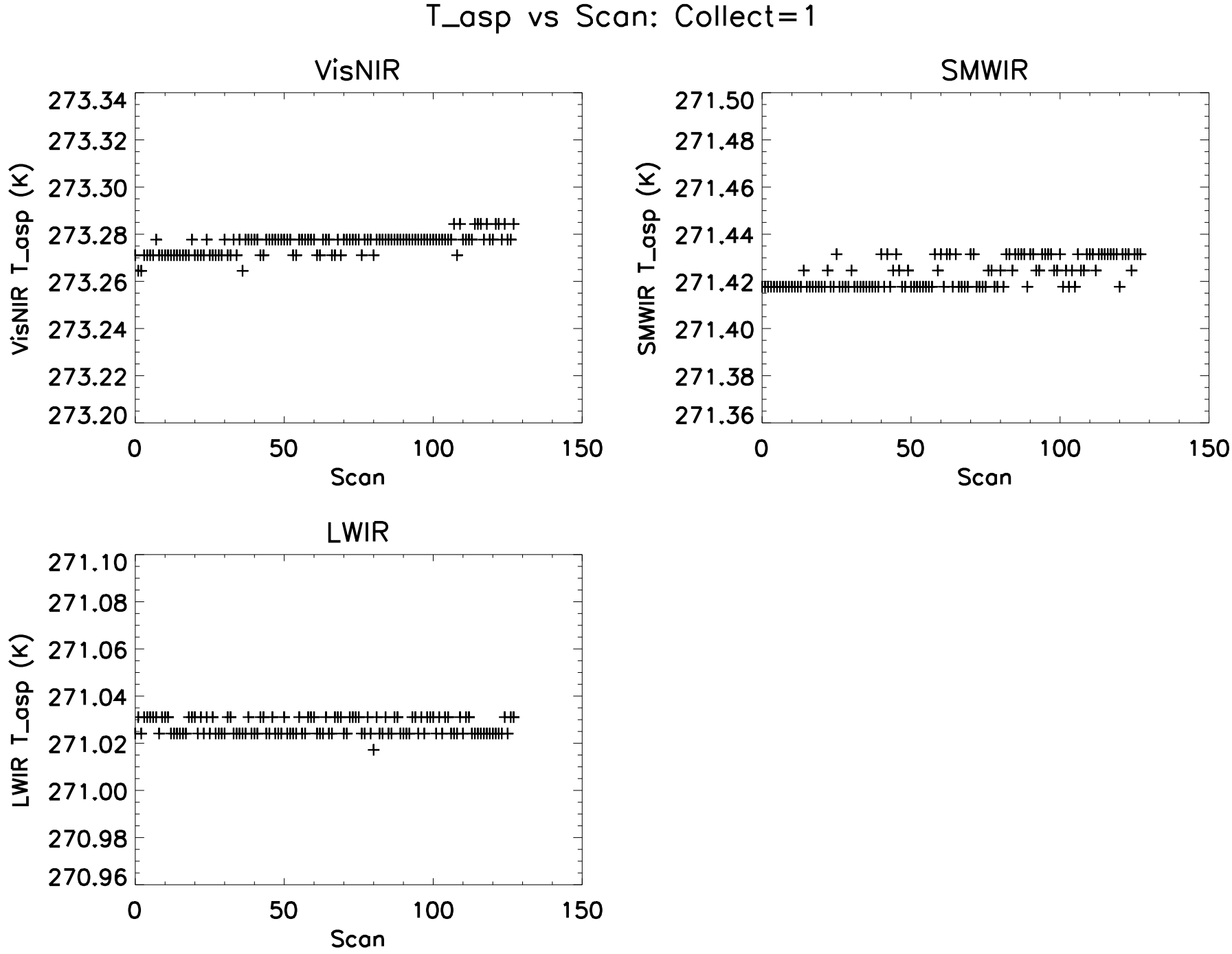
LWIR T_asp vs Scan

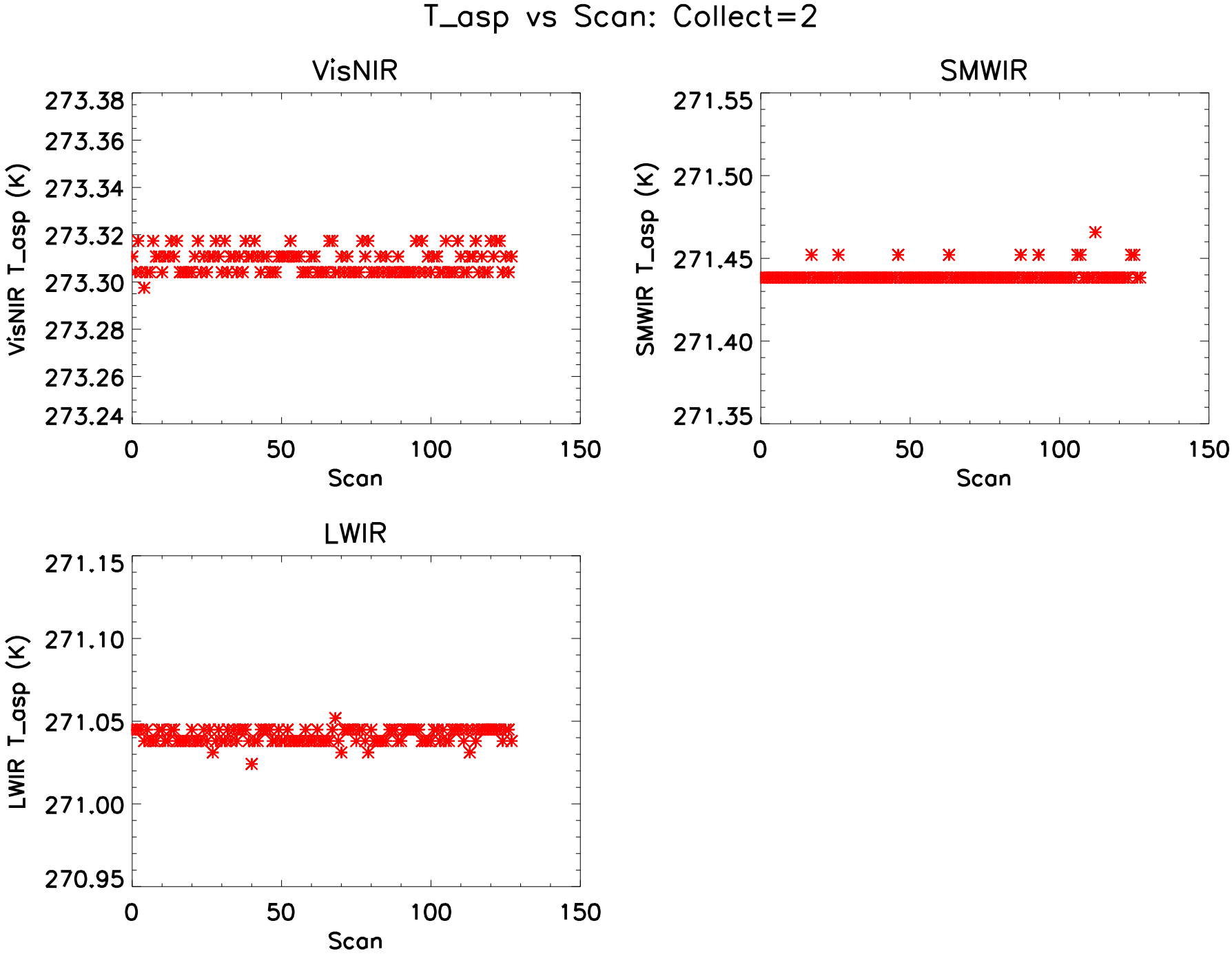


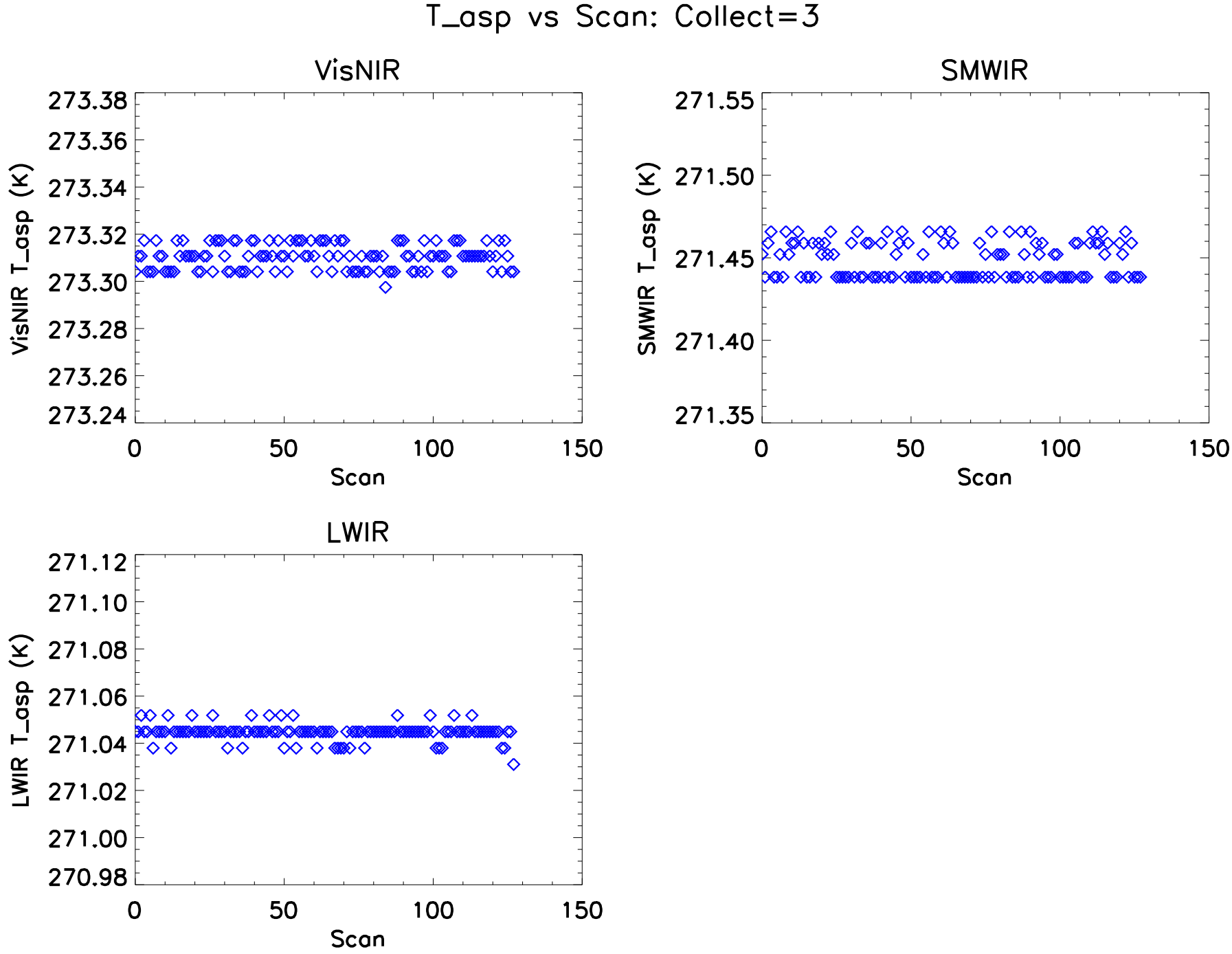


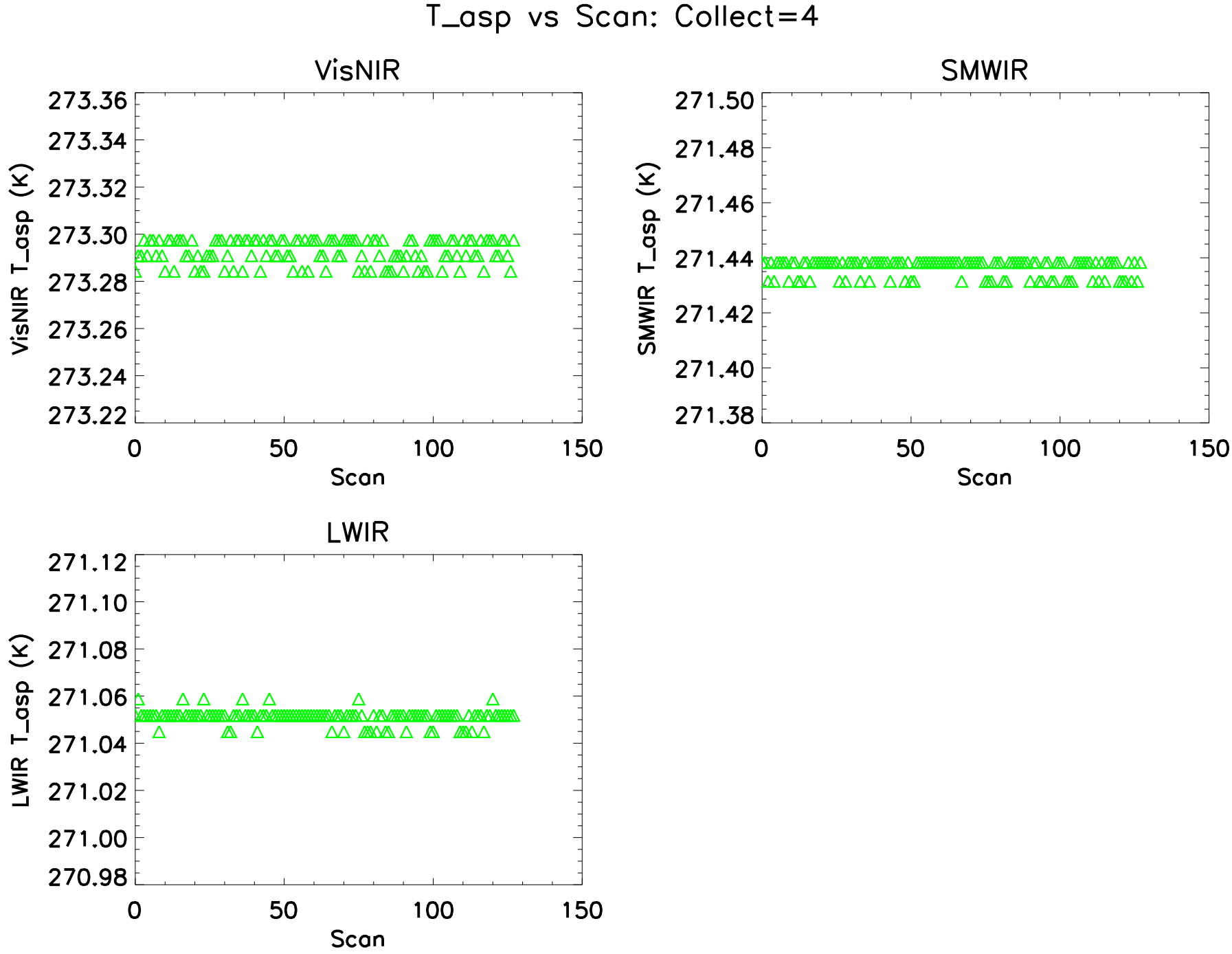


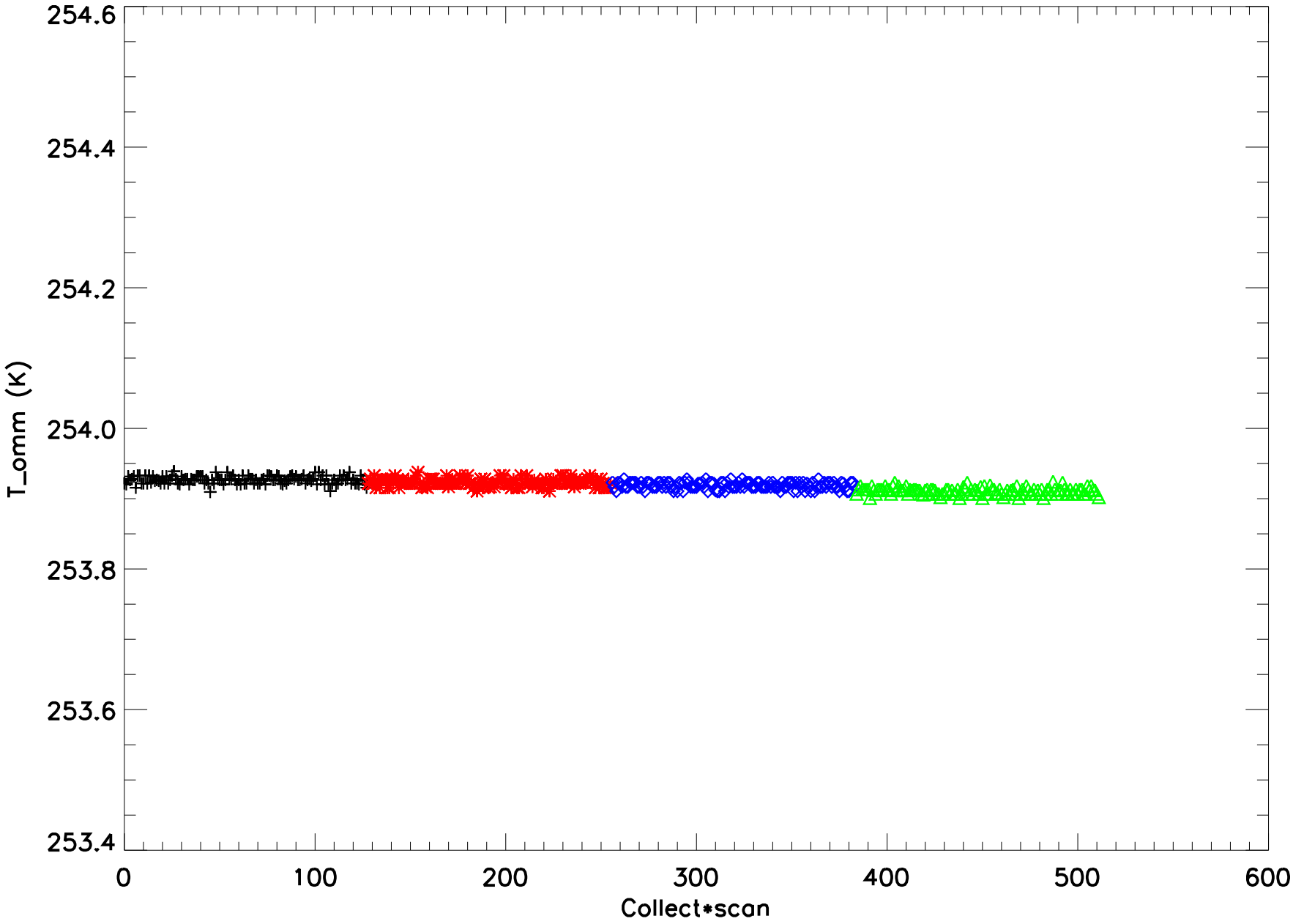


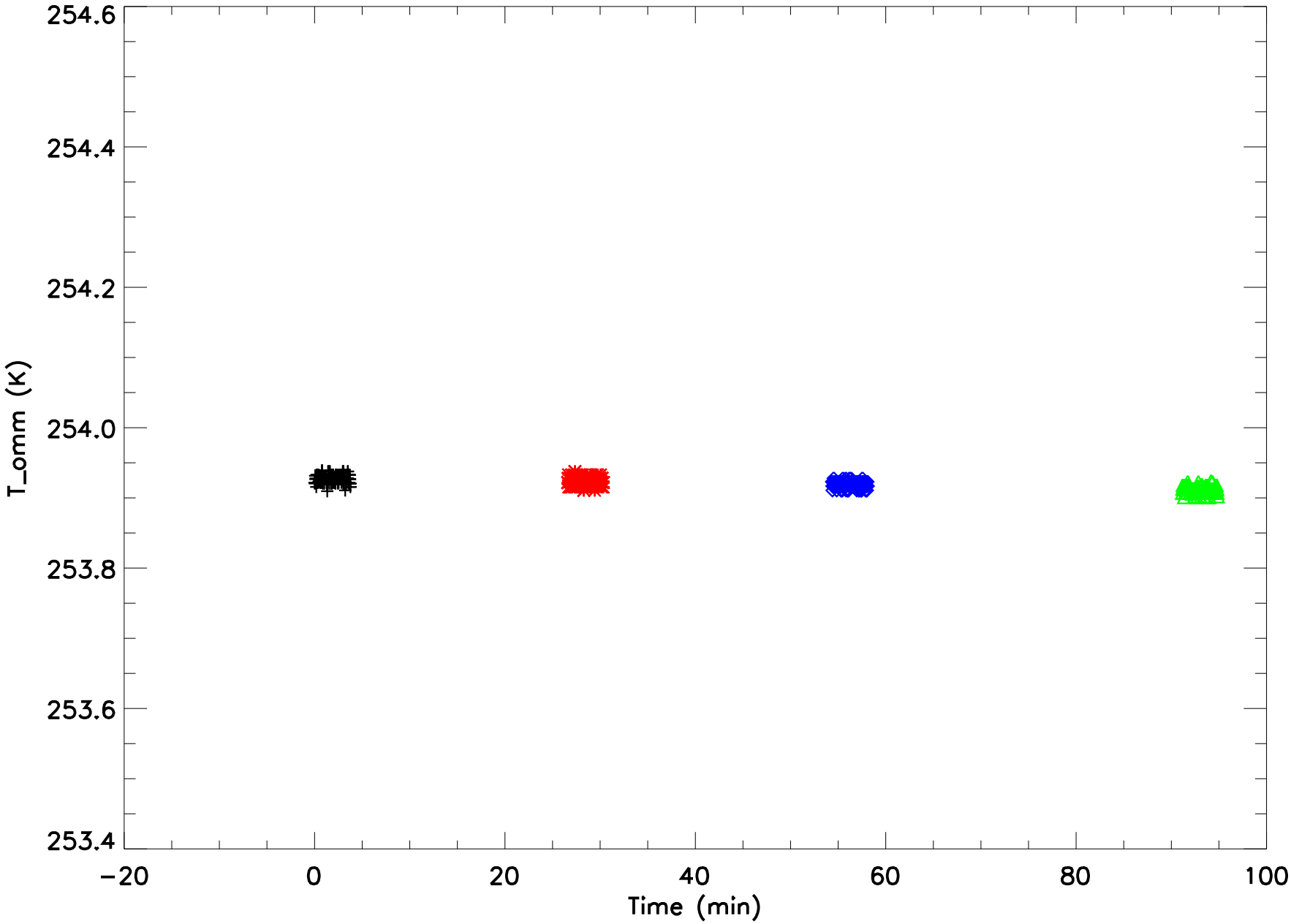

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
273.34
273.32
273.30
273.28
273.26
273.24
273.22
273.20
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
271.50
271.48
271.46
271.44
271.42
271.40
271.38
271.36
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
271.10
271.08
271.06
271.04
271.02
271.00
270.98
270.96
0
50
100
150
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
273.38
273.36
273.34
273.32
273.30
273.28
273.26
273.24
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
271.55
271.50
271.45
271.40
271.35
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
271.15
271.10
271.05
271.00
270.95
0
50
100
150
Scan

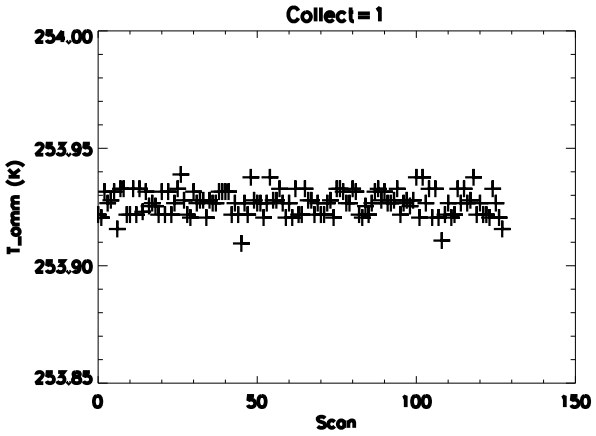

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
273.38
273.36
273.34
273.32
273.30
273.28
273.26
273.24
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
271.55
271.50
271.45
271.40
271.35
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
271.12
271.10
271.08
271.06
271.04
271.02
271.00
270.98
0
50
100
150
Scan

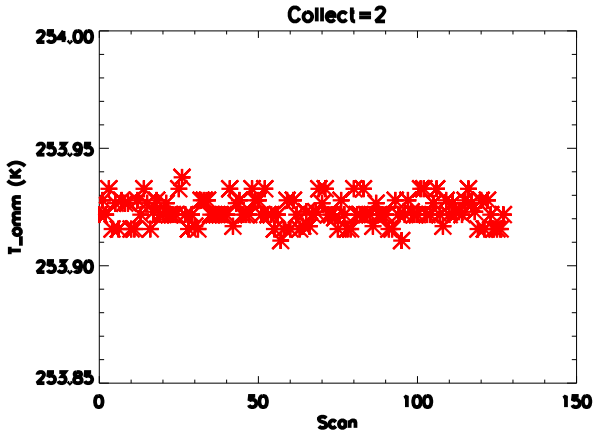

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
273.36
273.34
273.32
273.30
273.28
273.26
273.24
273.22
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
271.50
271.48
271.46
271.44
271.42
271.40
271.38
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
271.12
271.10
271.08
271.06
271.04
271.02
271.00
270.98
0
50
100
150
Scan

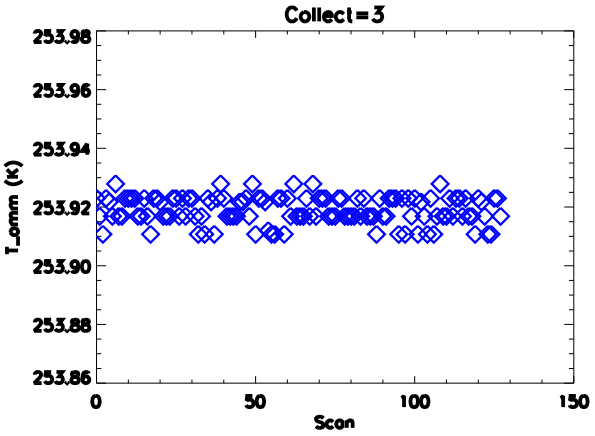

T_omm vs Scan and Collect
T_omm (K)
254.6
254.4
254.2
254.0
253.8
253.6
253.4
0
100
200
300
400
500
600
Collect*scan

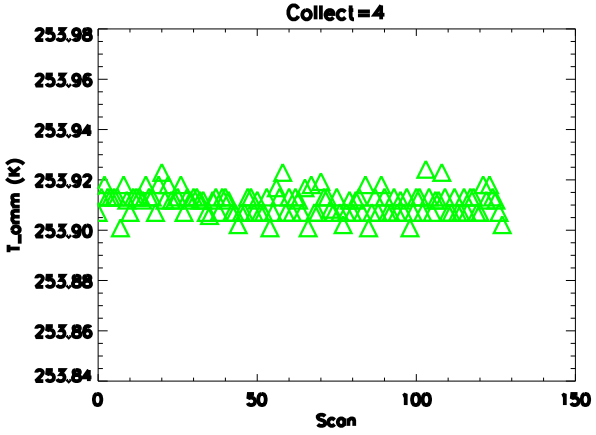

T_omm vs Time
T_omm (K)
254.6
254.4
254.2
254.0
253.8
253.6
253.4
−20
0
20
40
60
80
100
Time (min)

T_omm vs Scan


Collect=1
254.00
253.95
253.90
253.85
T_omm (K)
0
50
100
150
Scan


Collect=2
254.00
253.95
253.90
253.85
T_omm (K)
0
50
100
150
Scan


Collect=3
253.98
253.96
253.94
253.92
253.90
253.88
253.86
T_omm (K)
0
50
100
150
Scan


Collect=4
253.98
253.96
253.94
253.92
253.90
253.88
253.86
253.84
T_omm (K)
0
50
100
150
Scan