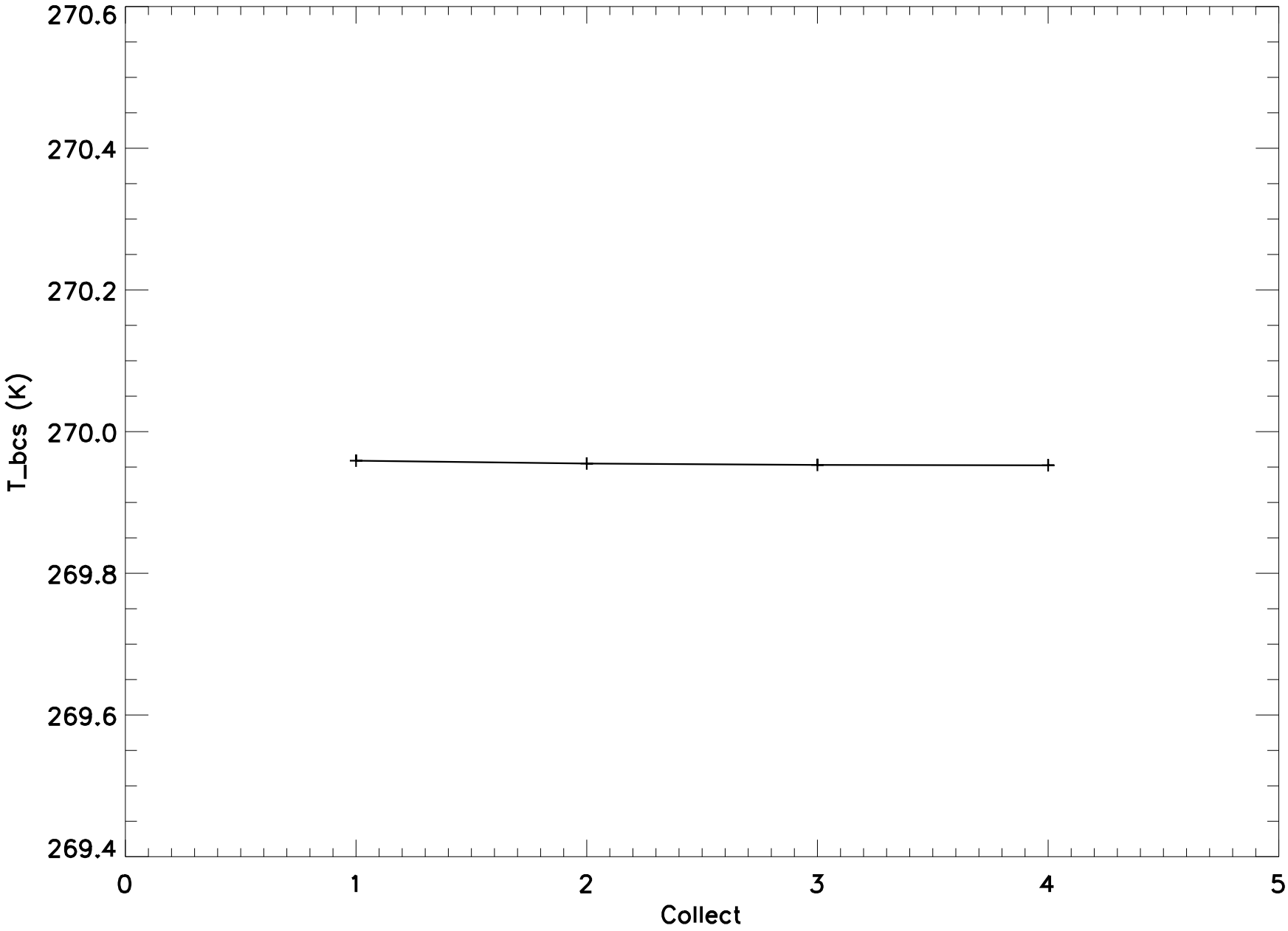
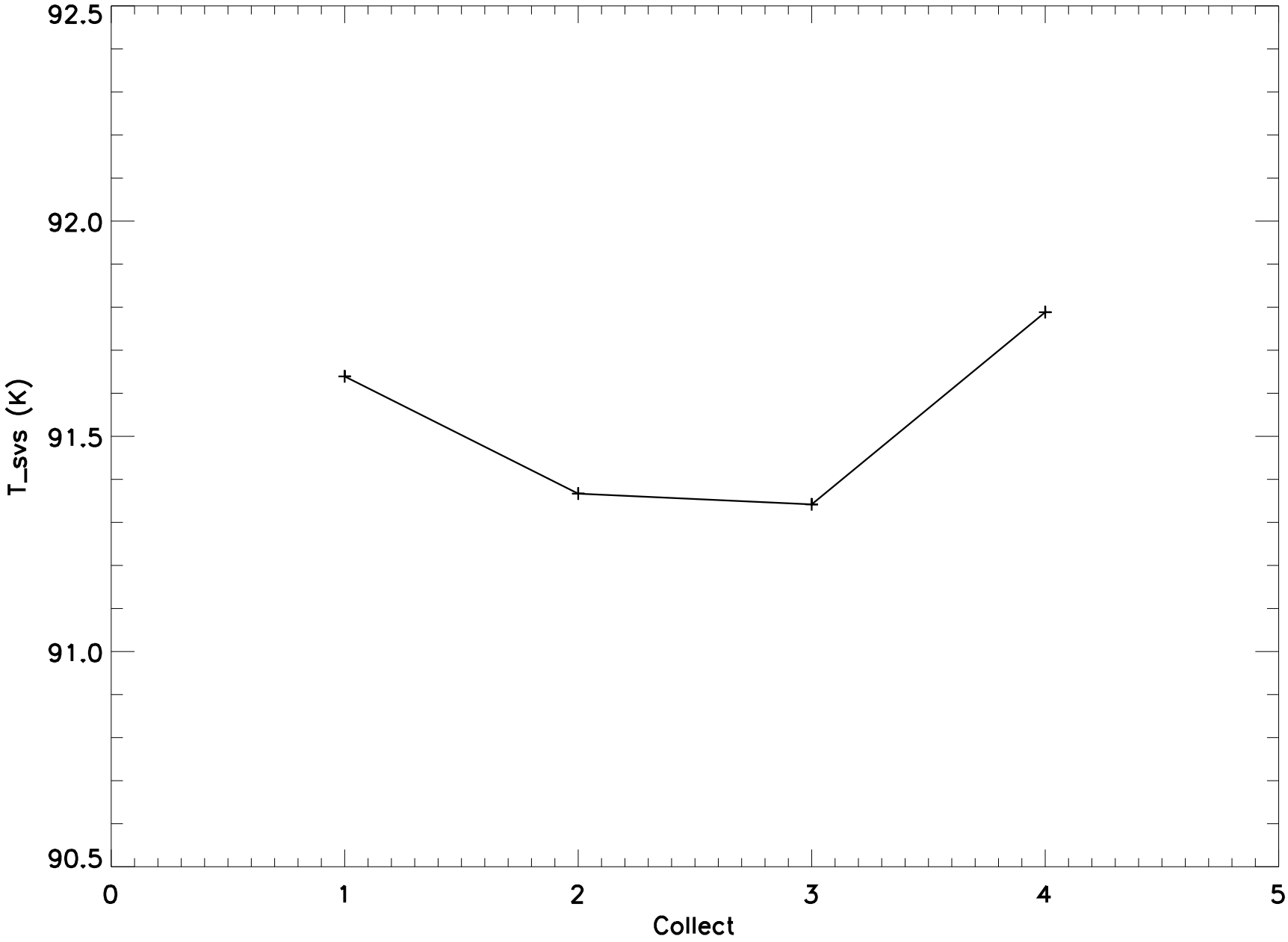
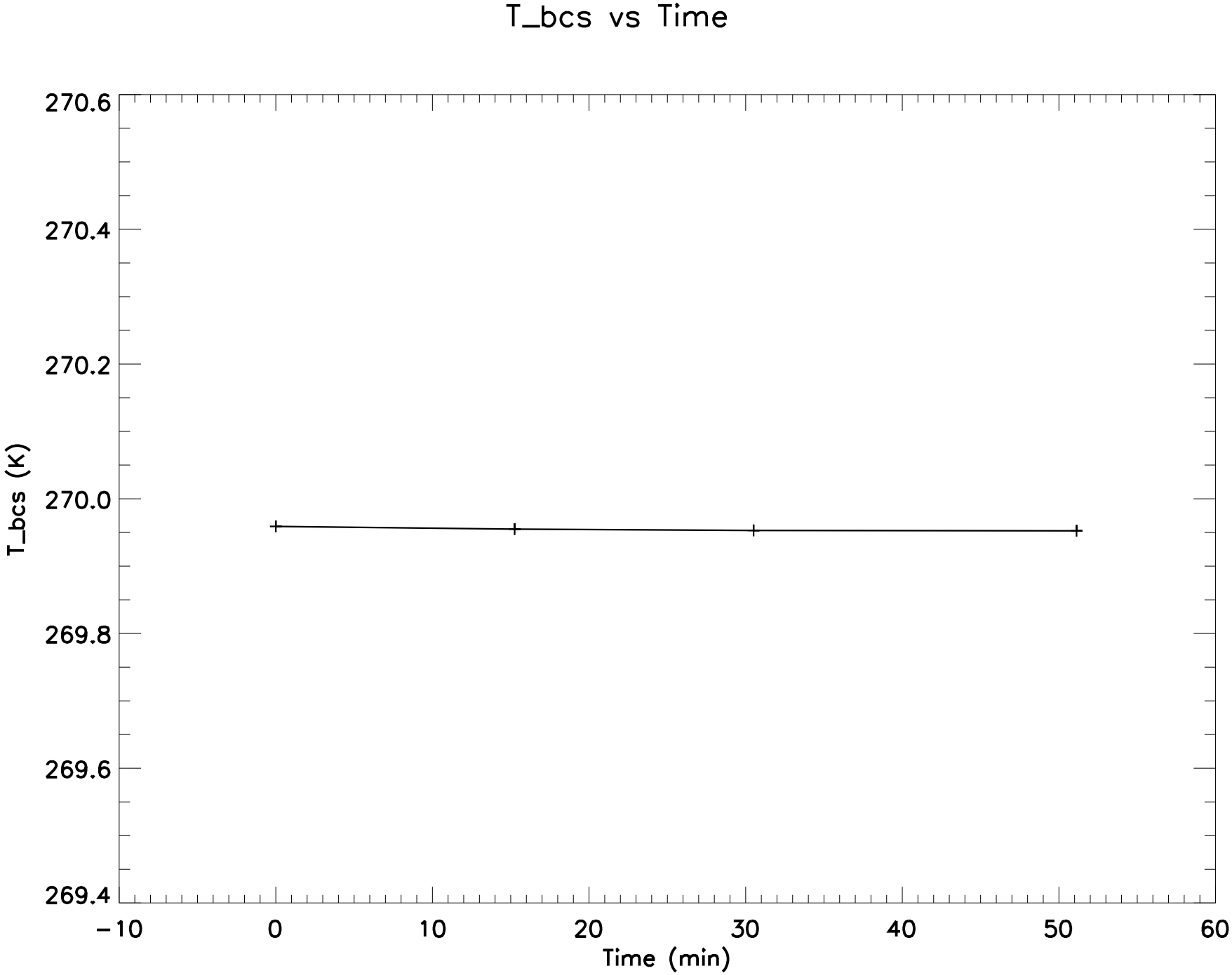
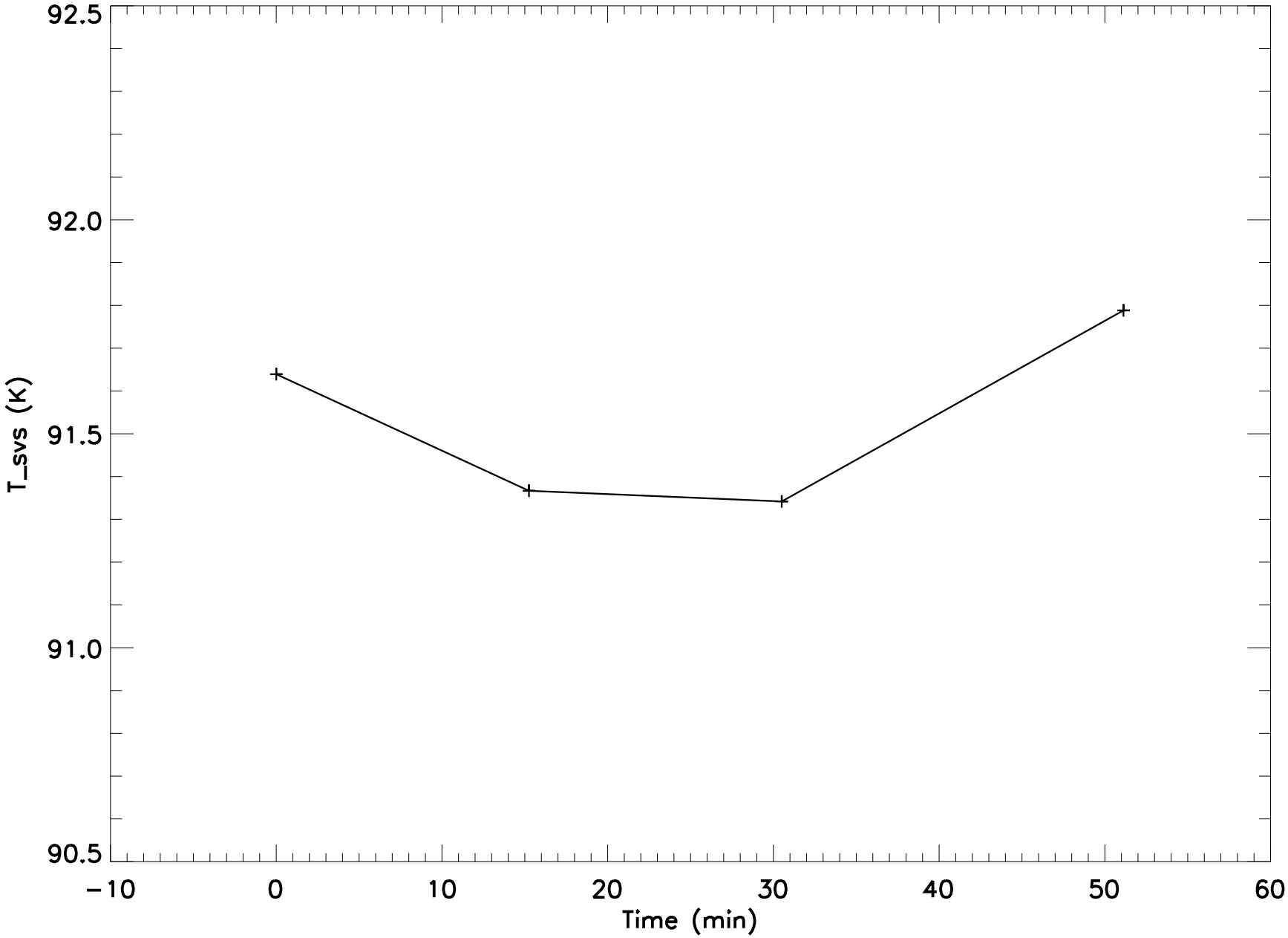
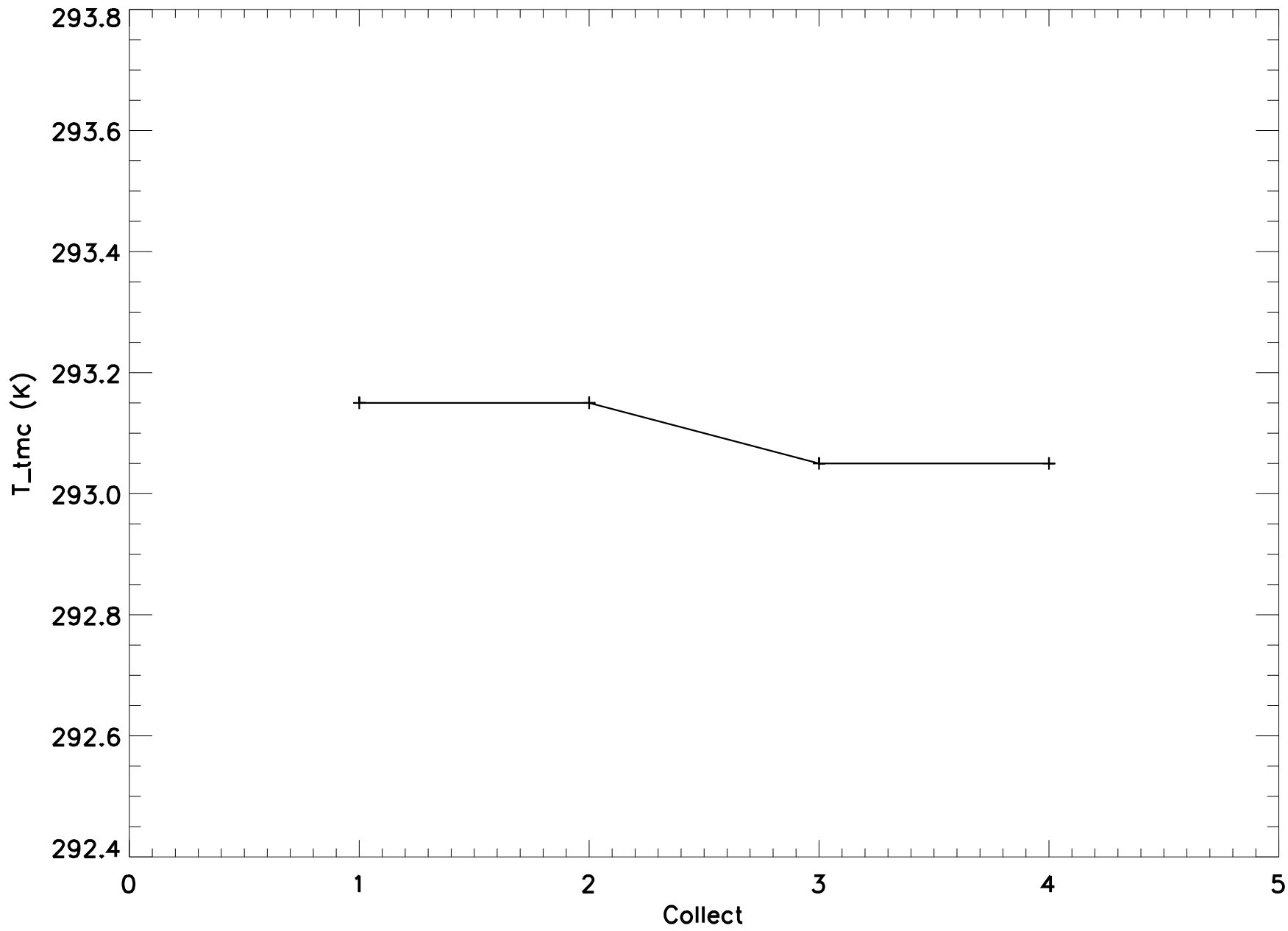
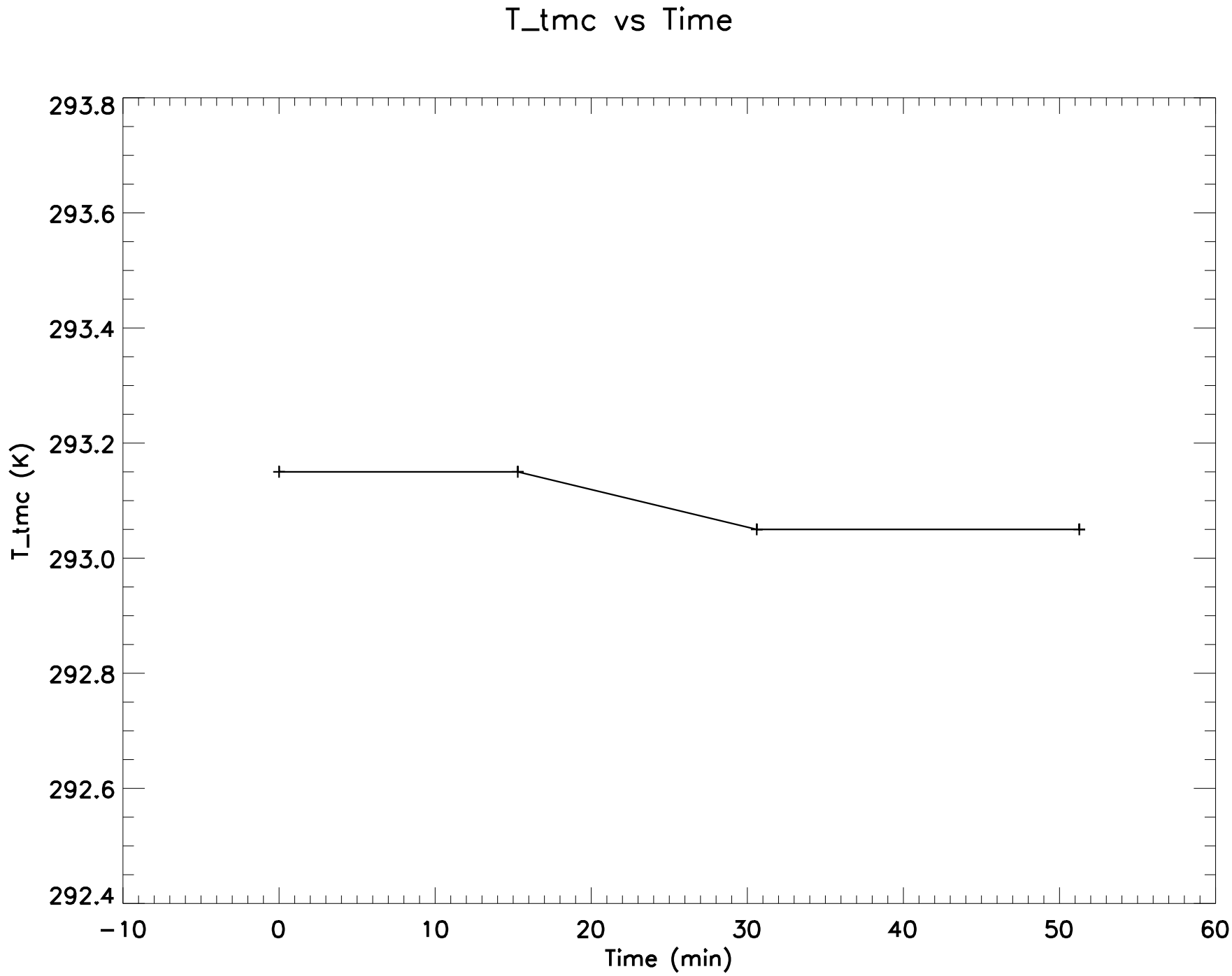

T_bcs vs Collect
270.6
270.4
270.2
270.0
269.8
269.6
269.4
T_bcs (K)
0
1
2
3
4
5
Collect

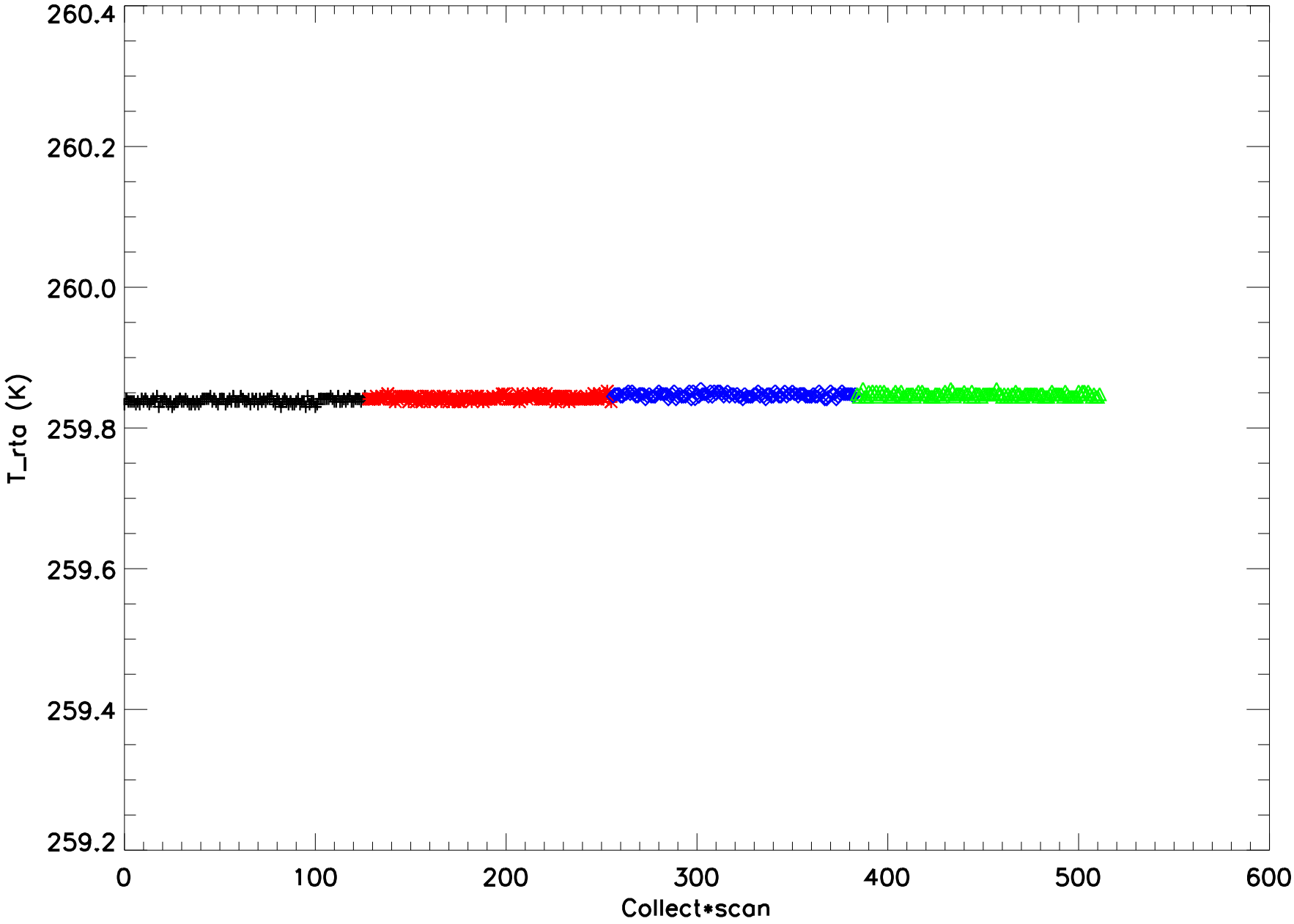

T_svs vs Collect
92.5
92.0
91.5
91.0
90.5
T_svs (K)
0
1
2
3
4
5
Collect

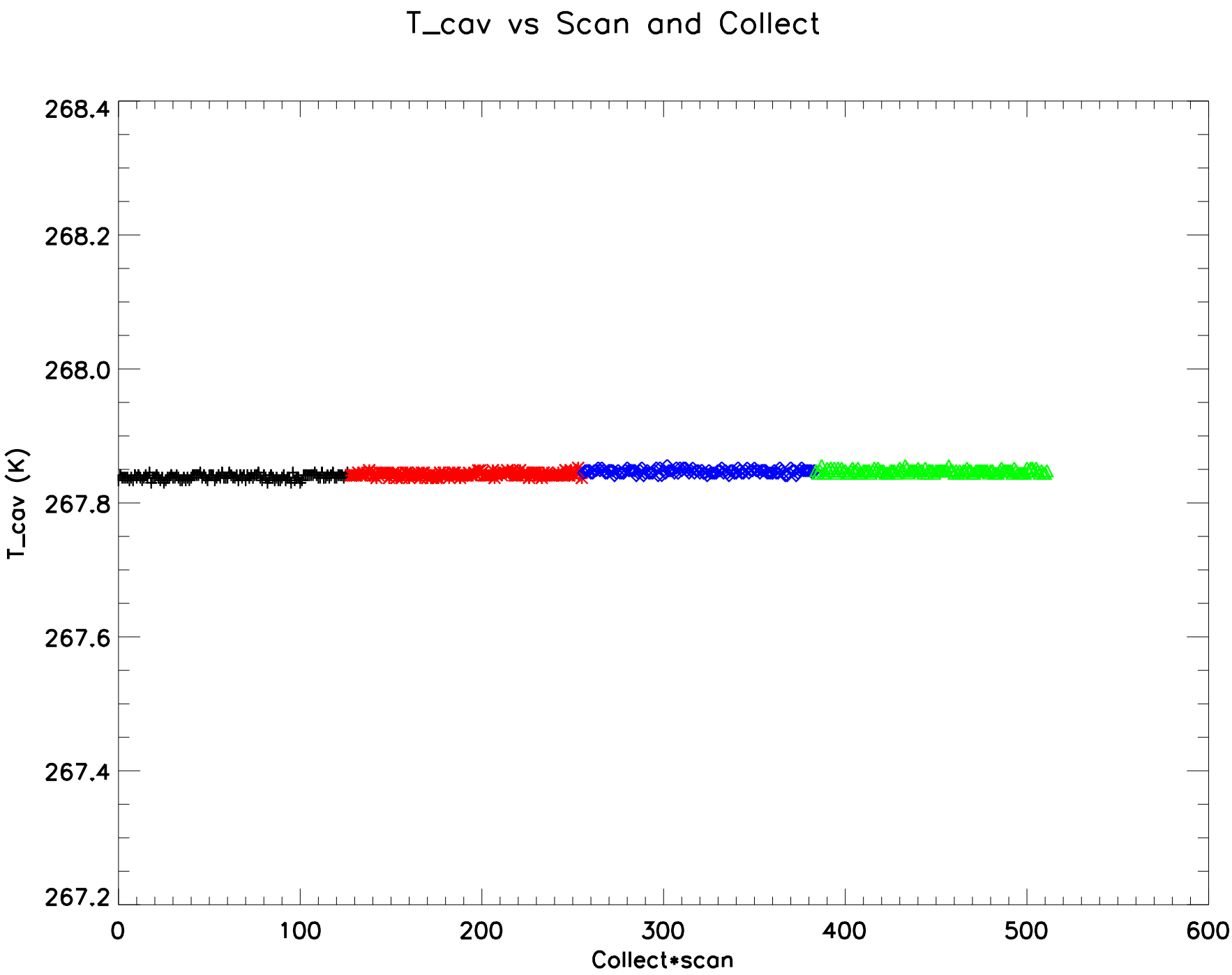

T_bcs vs Time
270.6
270.4
270.2
270.0
269.8
269.6
269.4
T_bcs (K)
−10
0
10
20
30
40
50
60
Time (min)

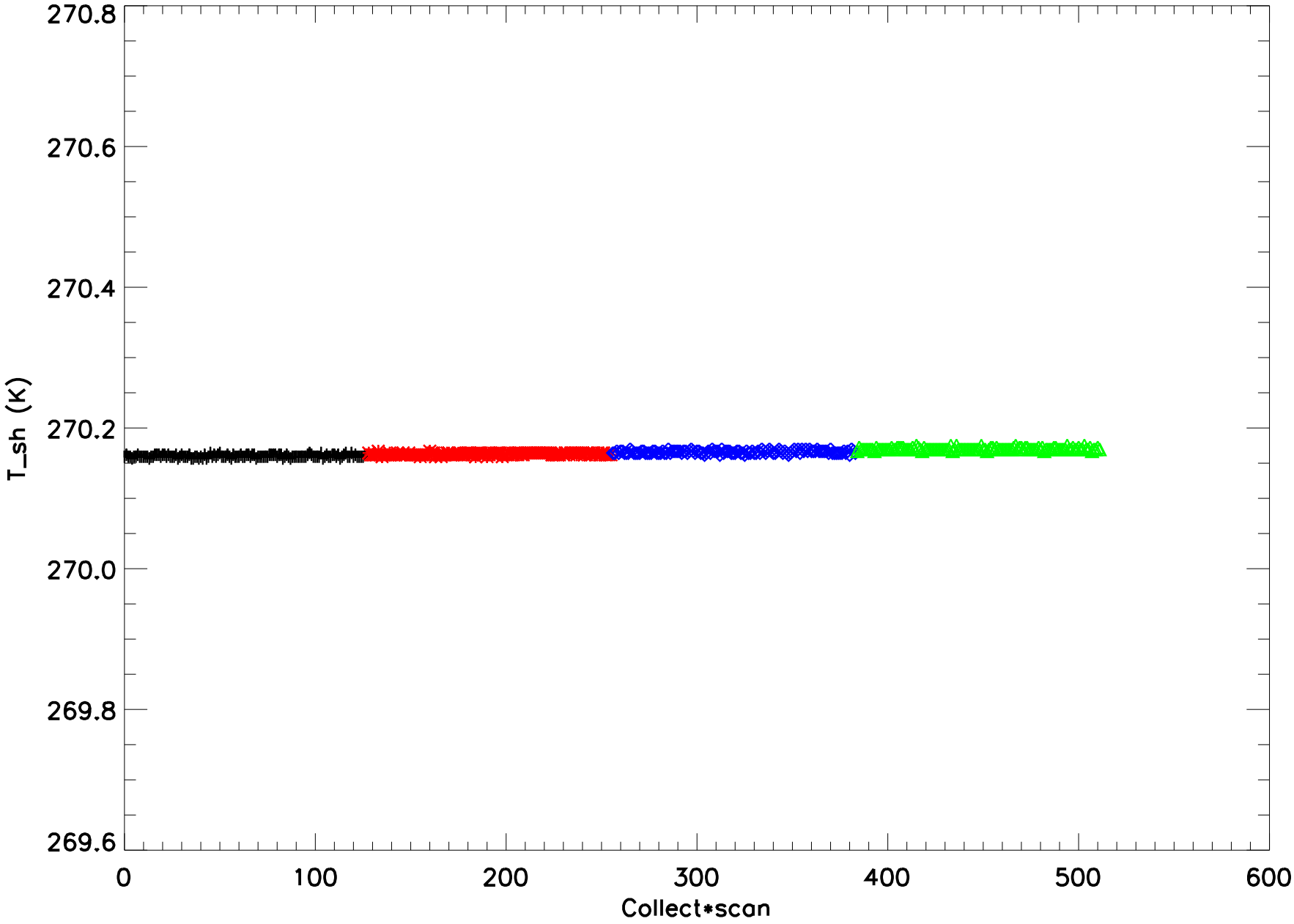

T_svs vs Time
92.5
92.0
91.5
91.0
90.5
T_svs (K)
−10
0
10
20
30
40
50
60
Time (min)

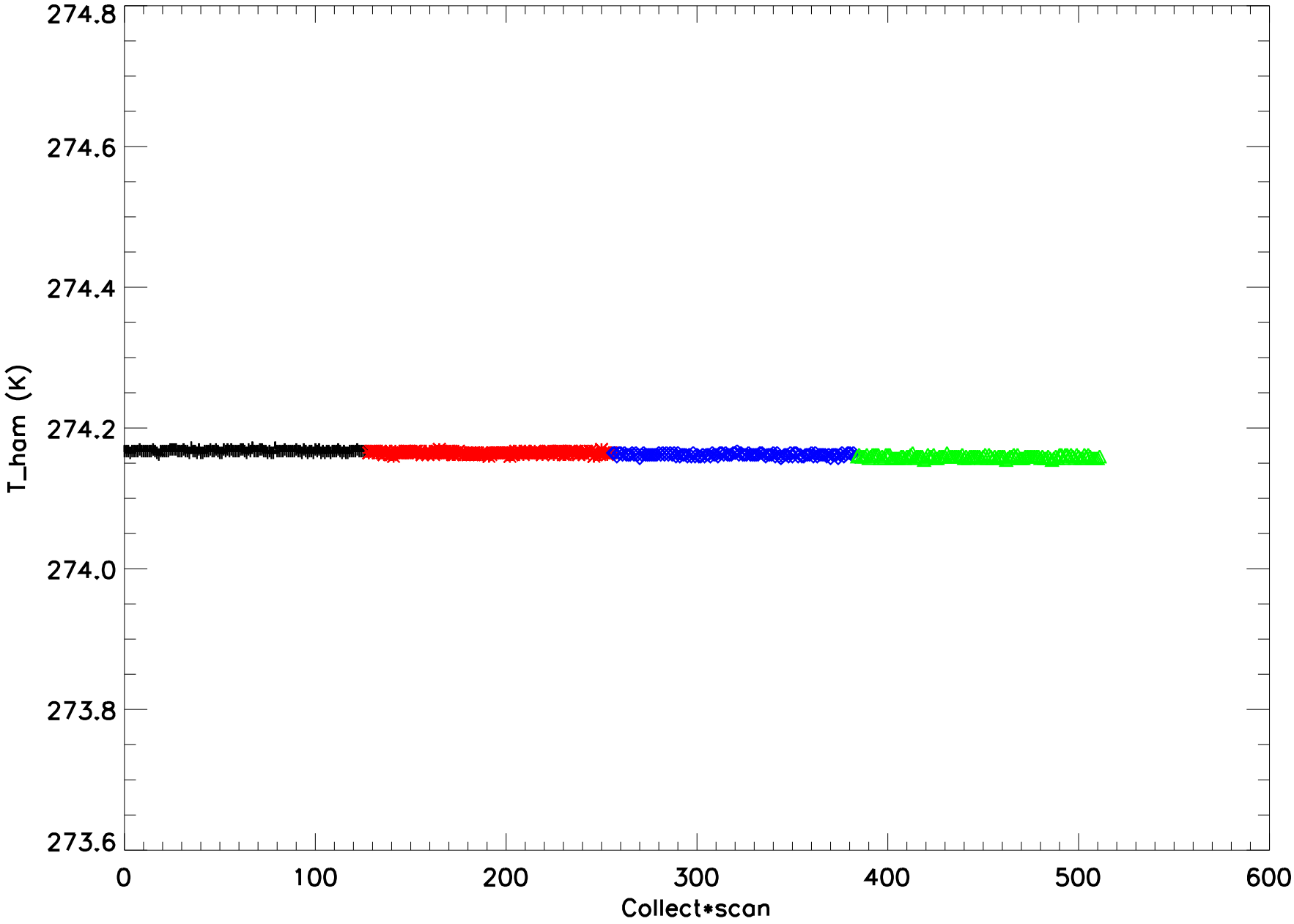

T_tmc vs Collect
293.8
293.6
293.4
293.2
293.0
292.8
292.6
292.4
T_tmc (K)
0
1
2
3
4
5
Collect

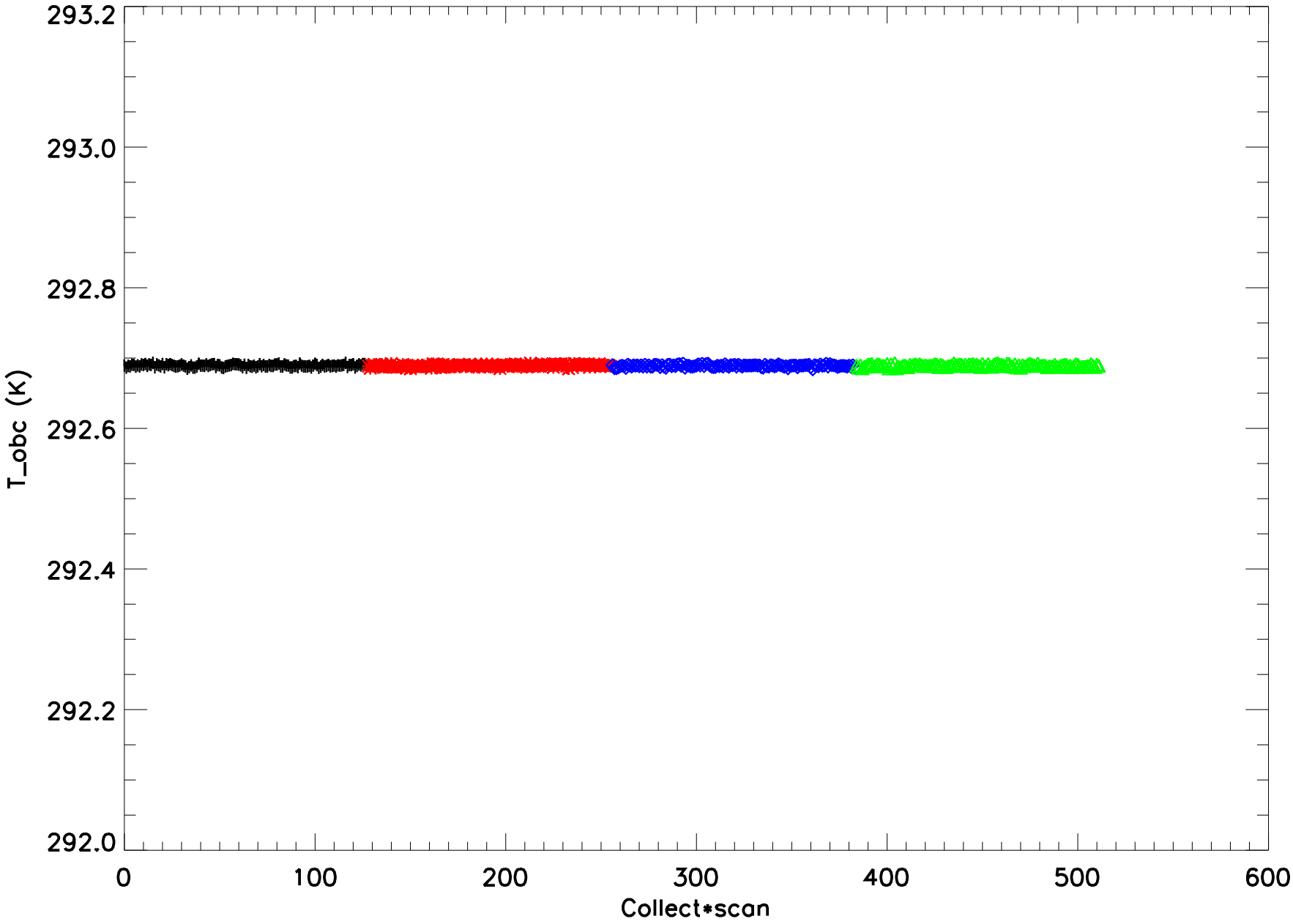

T_tmc vs Time
293.8
293.6
293.4
293.2
293.0
292.8
292.6
292.4
T_tmc (K)
−10
0
10
20
30
40
50
60
Time (min)

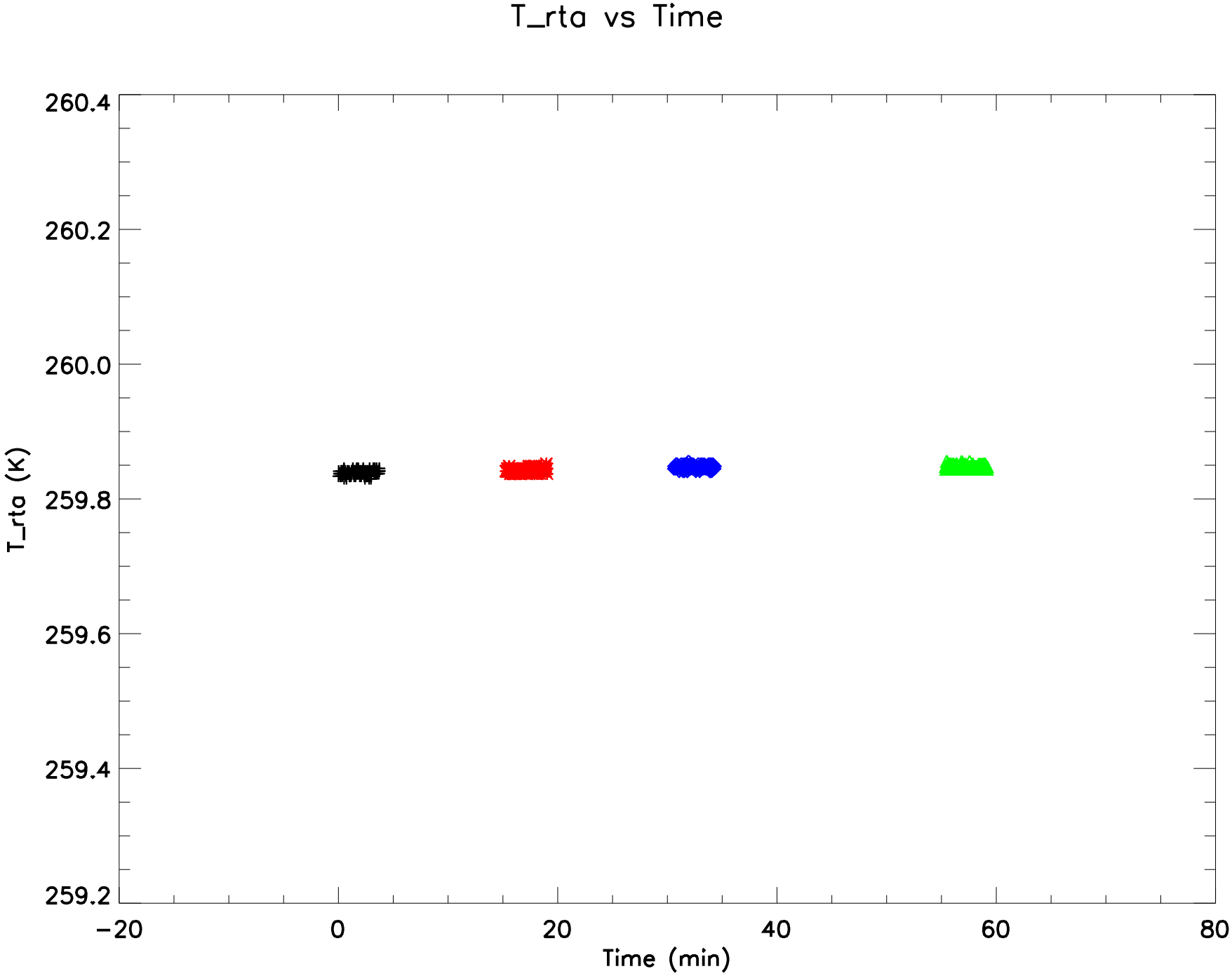

T_rta vs Scan and Collect
260.4
260.2
260.0
259.8
259.6
259.4
259.2
T_rta (K)
0
100
200
300
400
500
600
Collect*scan

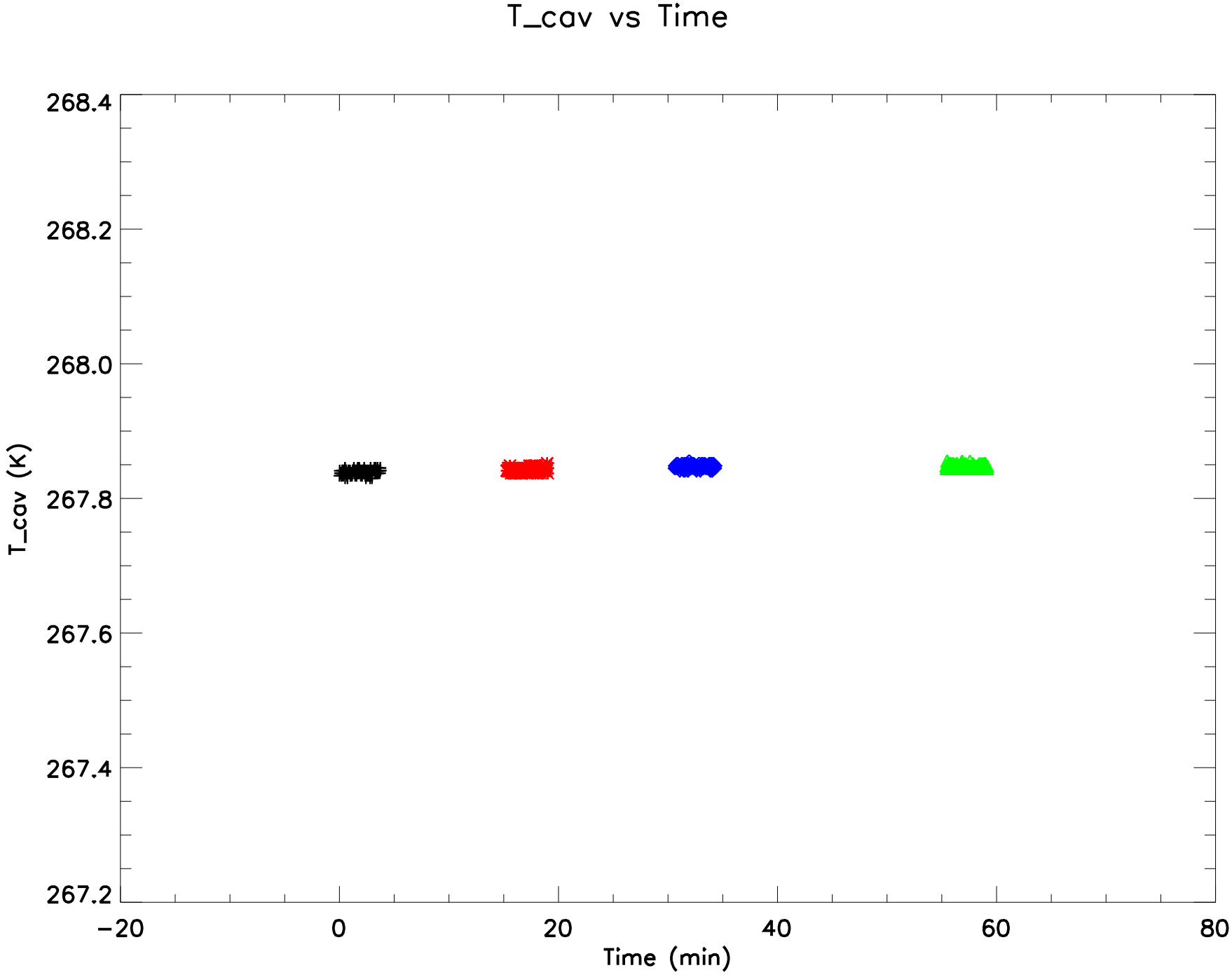

T_cav vs Scan and Collect
268.4
268.2
268.0
267.8
267.6
267.4
267.2
T_cav (K)
0
100
200
300
400
500
600
Collect*scan

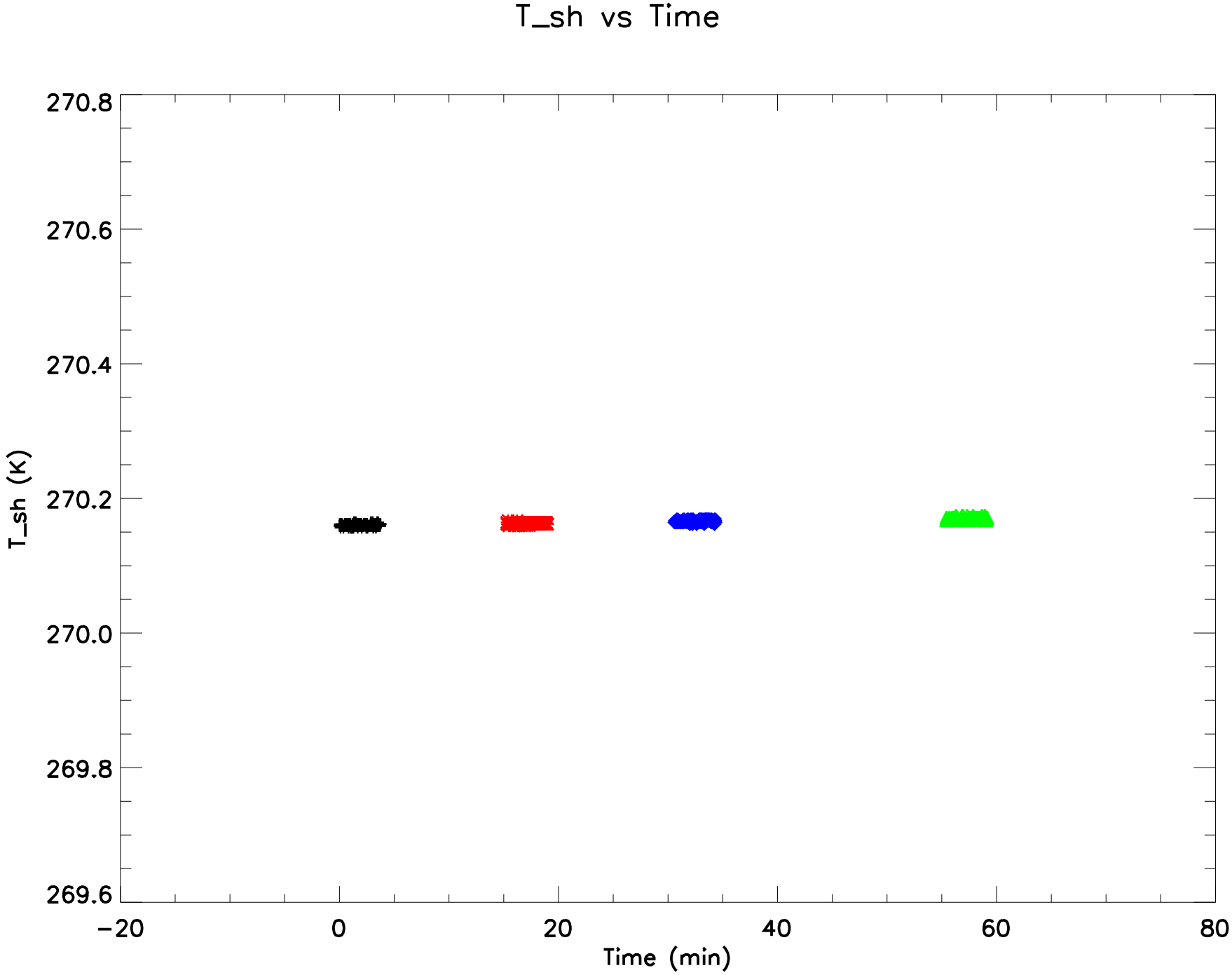

T_sh vs Scan and Collect
270.8
270.6
270.4
270.2
270.0
269.8
269.6
T_sh (K)
0
100
200
300
400
500
600
Collect*scan

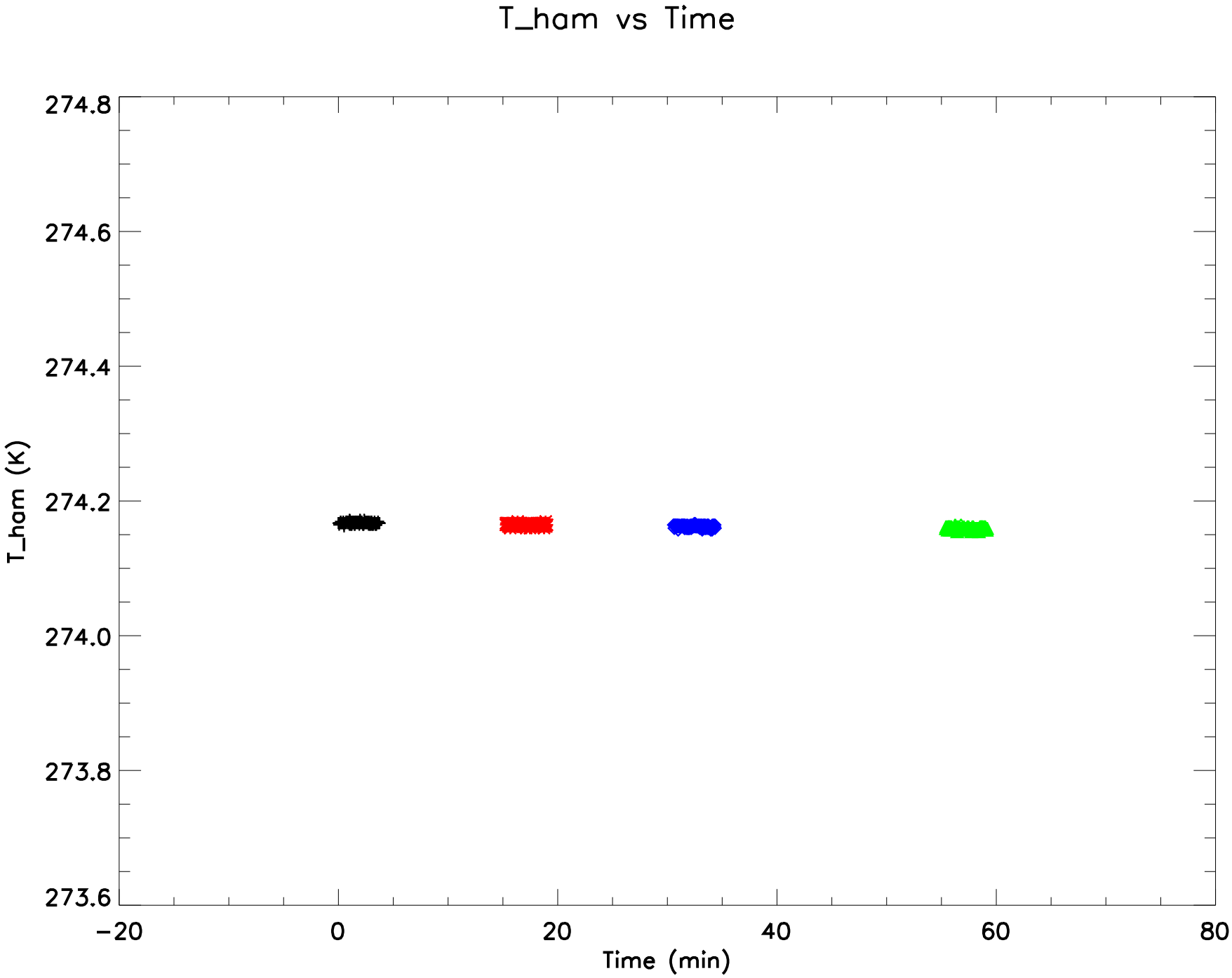

T_ham vs Scan and Collect
274.8
274.6
274.4
274.2
274.0
273.8
273.6
T_ham (K)
0
100
200
300
400
500
600
Collect*scan

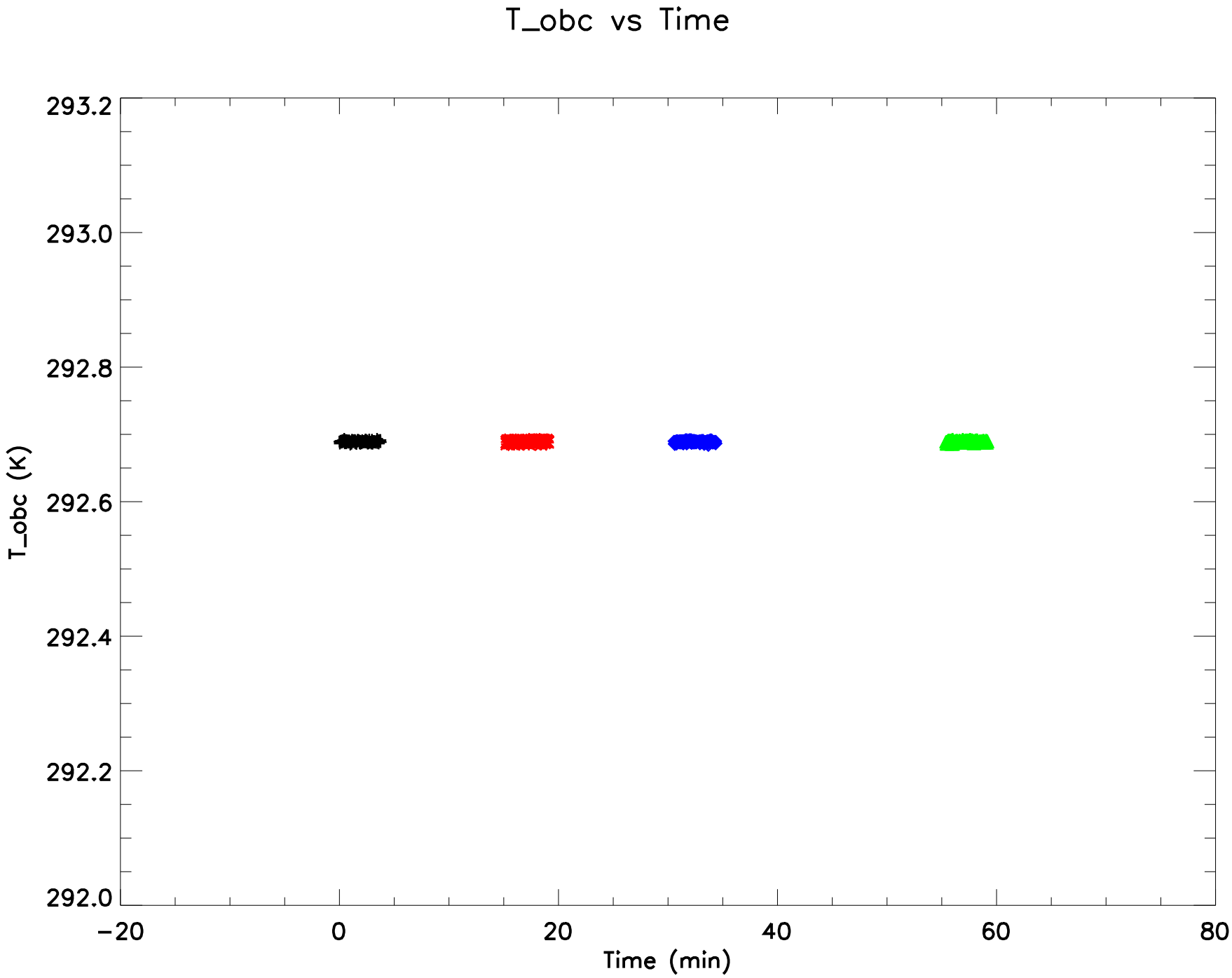

T_obc vs Scan and Collect
293.2
293.0
292.8
292.6
292.4
292.2
292.0
T_obc (K)
0
100
200
300
400
500
600
Collect*scan


T_rta vs Time
260.4
260.2
260.0
259.8
259.6
259.4
259.2
T_rta (K)
−20
0
20
40
60
80
Time (min)

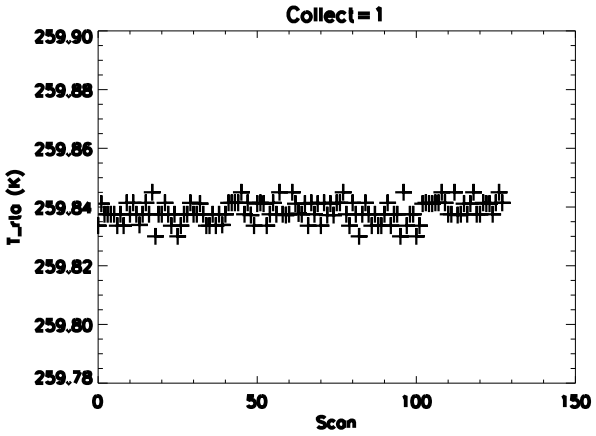

T_cav vs Time
T_cav (K)
268.4
268.2
268.0
267.8
267.6
267.4
267.2
−20
0
20
40
60
80
Time (min)

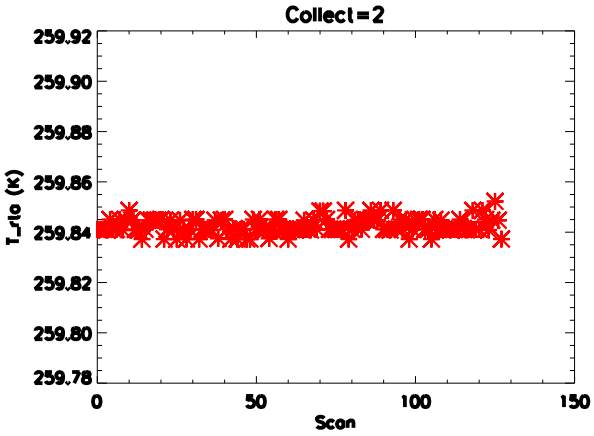

T_sh vs Time
270.8
270.6
270.4
270.2
270.0
269.8
269.6
T_sh (K)
−20
0
20
40
60
80
Time (min)

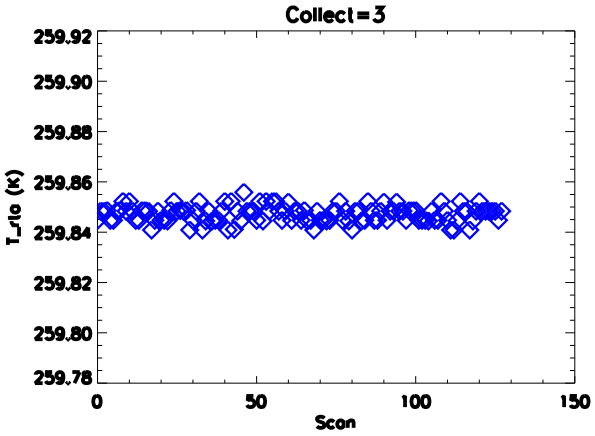

T_ham vs Time
T_ham (K)
274.8
274.6
274.4
274.2
274.0
273.8
273.6
−20
0
20
40
60
80
Time (min)

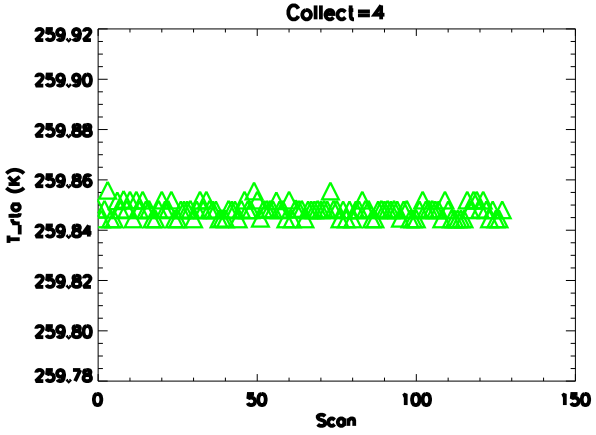

T_obc vs Time
293.2
293.0
292.8
292.6
292.4
292.2
292.0
T_obc (K)
−20
0
20
40
60
80
Time (min)

T_rta vs Scan

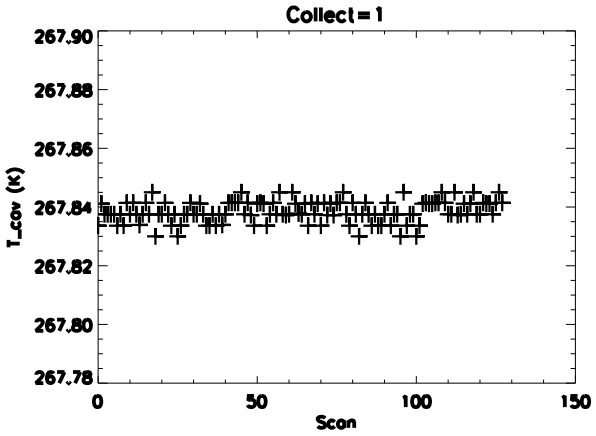

Collect=1
259.90
259.88
259.86
259.84
259.82
259.80
259.78
T_rta (K)
0
50
100
150
Scan

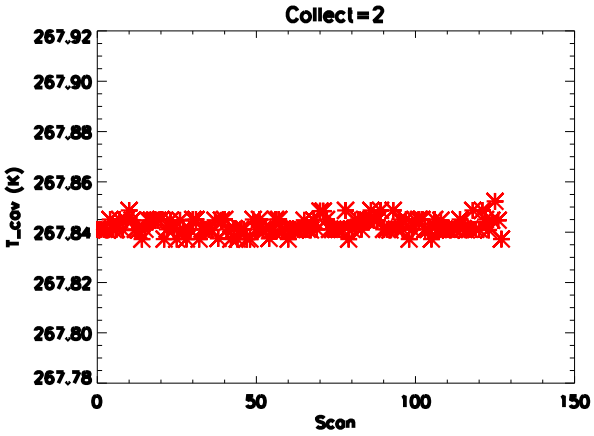

Collect=2
259.92
259.90
259.88
259.86
259.84
259.82
259.80
259.78
T_rta (K)
0
50
100
150
Scan

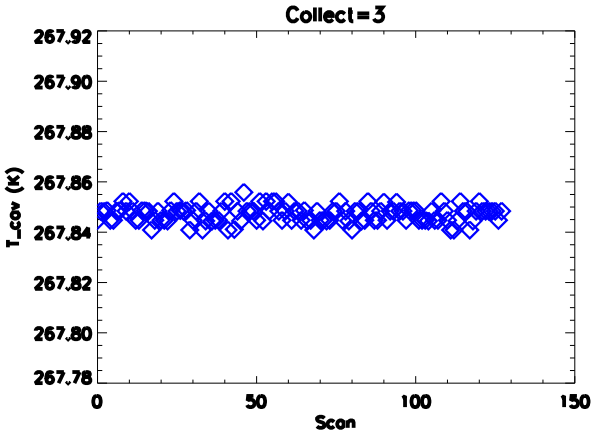

Collect=3
259.92
259.90
259.88
259.86
259.84
259.82
259.80
259.78
T_rta (K)
0
50
100
150
Scan

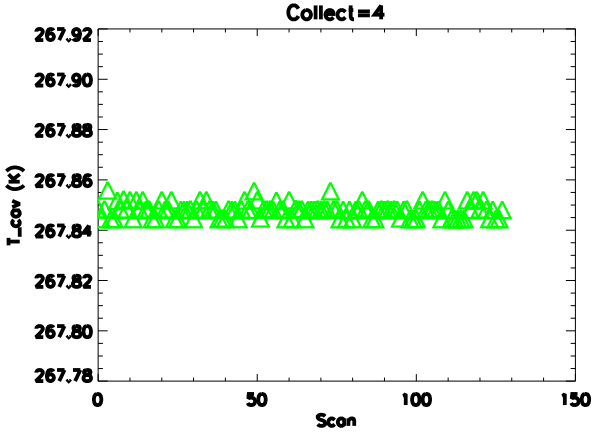

Collect=4
259.92
259.90
259.88
259.86
259.84
259.82
259.80
259.78
T_rta (K)
0
50
100
150
Scan

T_cav vs Scan

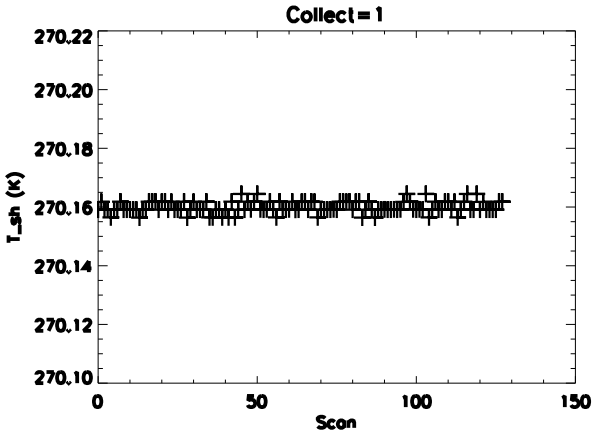

Collect = 1
T_cav (K)
267.90
267.88
267.86
267.84
267.82
267.80
267.78
0
50
100
150
Scan

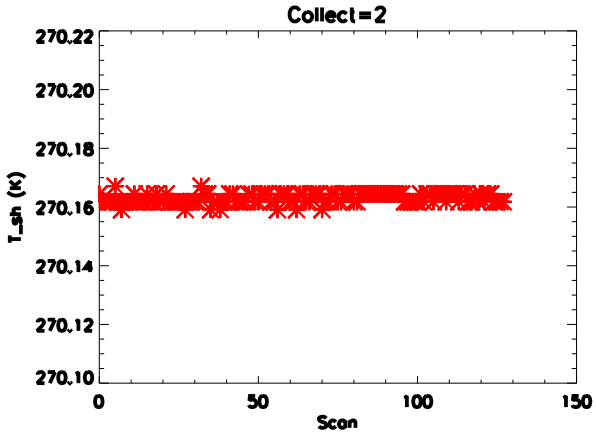

Collect = 2
T_cav (K)
267.92
267.90
267.88
267.86
267.84
267.82
267.80
267.78
0
50
100
150
Scan

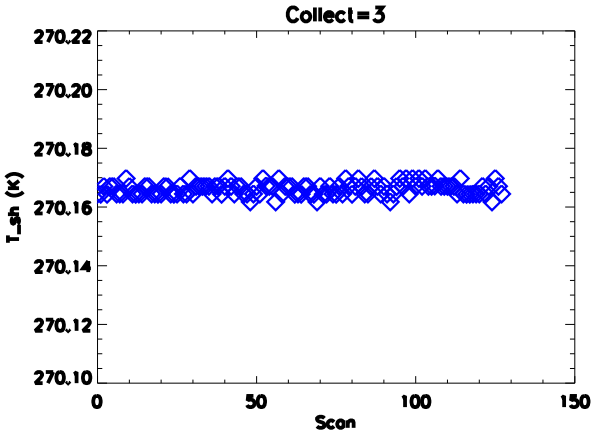

Collect = 3
T_cav (K)
267.92
267.90
267.88
267.86
267.84
267.82
267.80
267.78
0
50
100
150
Scan

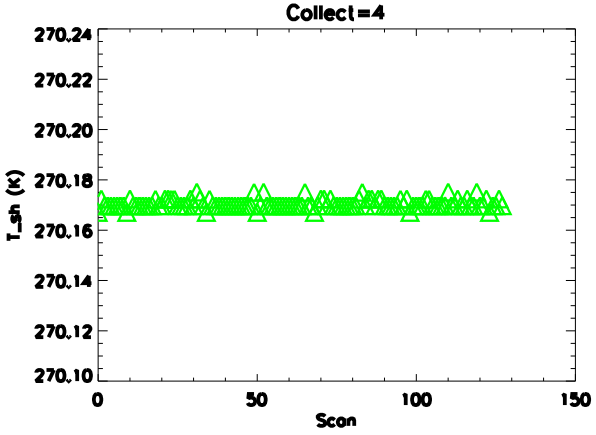

Collect = 4
T_cav (K)
267.92
267.90
267.88
267.86
267.84
267.82
267.80
267.78
0
50
100
150
Scan

T_sh vs Scan

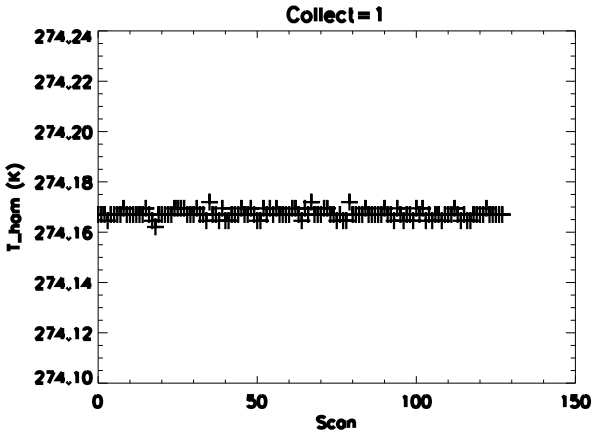

Collect=1
270.22
270.20
270.18
270.16
270.14
270.12
270.10
T_sh (K)
0
50
100
150
Scan

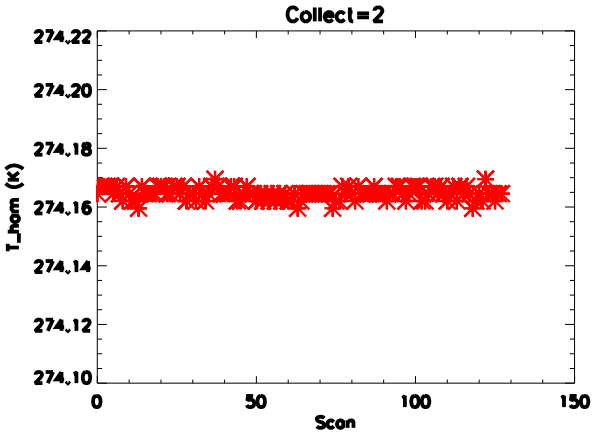

Collect=2
270.22
270.20
270.18
270.16
270.14
270.12
270.10
T_sh (K)
0
50
100
150
Scan

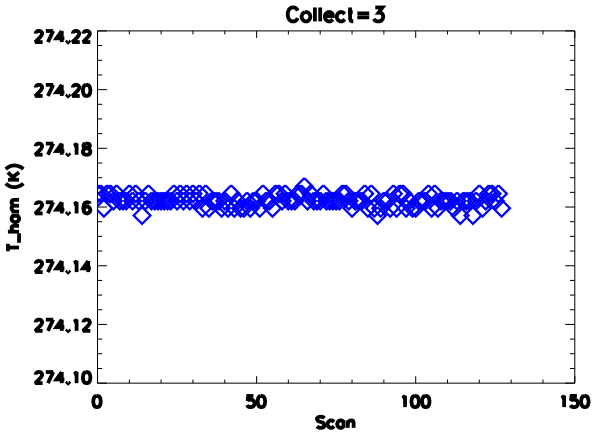

Collect=3
270.22
270.20
270.18
270.16
270.14
270.12
270.10
T_sh (K)
0
50
100
150
Scan

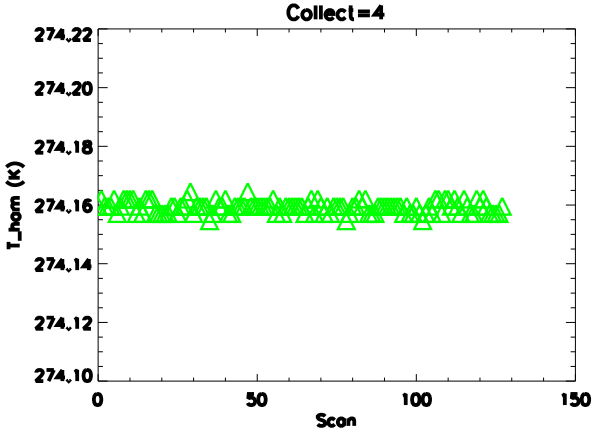

Collect=4
270.24
270.22
270.20
270.18
270.16
270.14
270.12
270.10
T_sh (K)
0
50
100
150
Scan

T_ham vs Scan

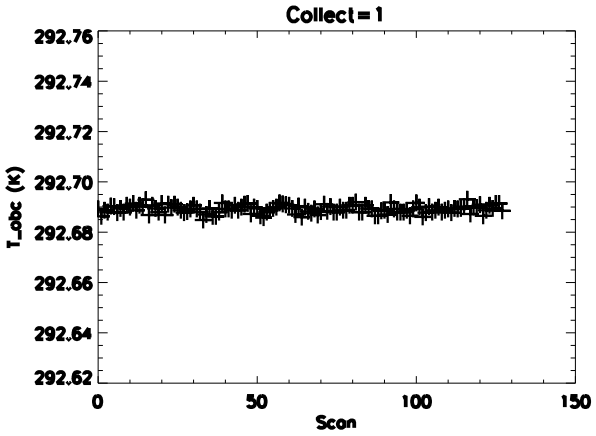

Collect=1
T_ham (K)
274.24
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
50
100
150
Scan

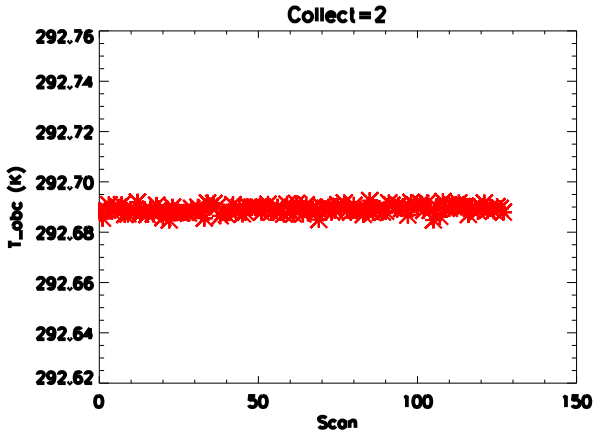

Collect=2
T_ham (K)
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
50
100
150
Scan

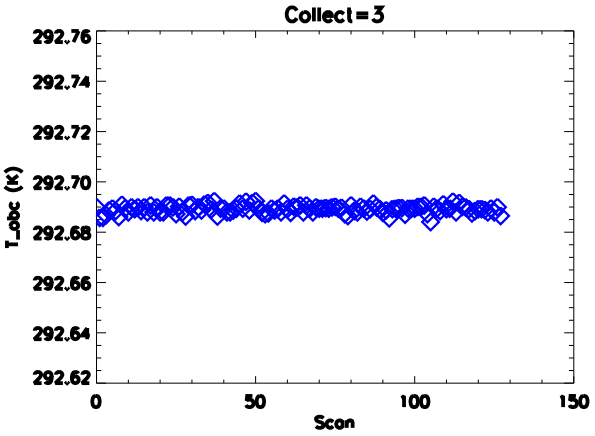

Collect=3
T_ham (K)
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
50
100
150
Scan

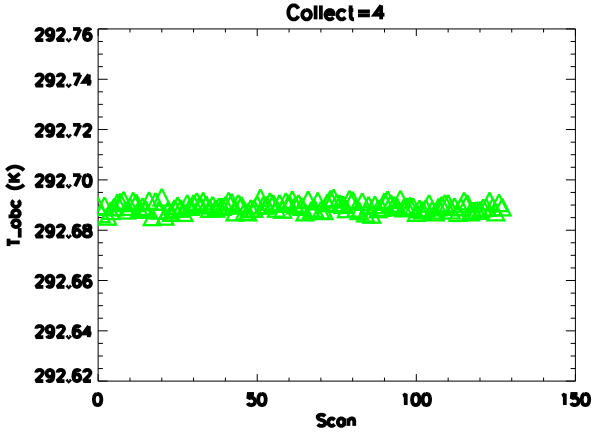

Collect=4
T_ham (K)
274.22
274.20
274.18
274.16
274.14
274.12
274.10
0
50
100
150
Scan

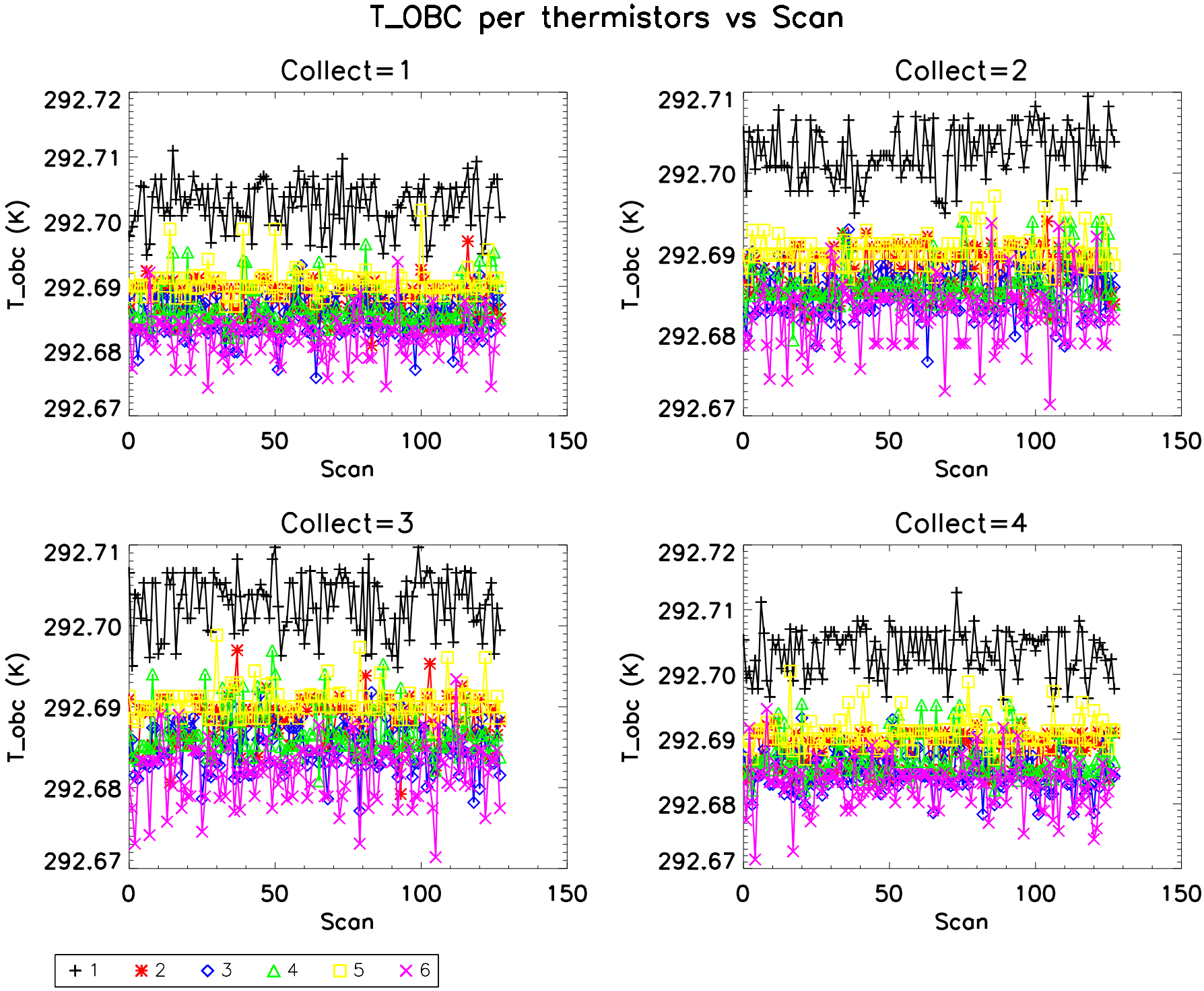
T_obc vs Scan

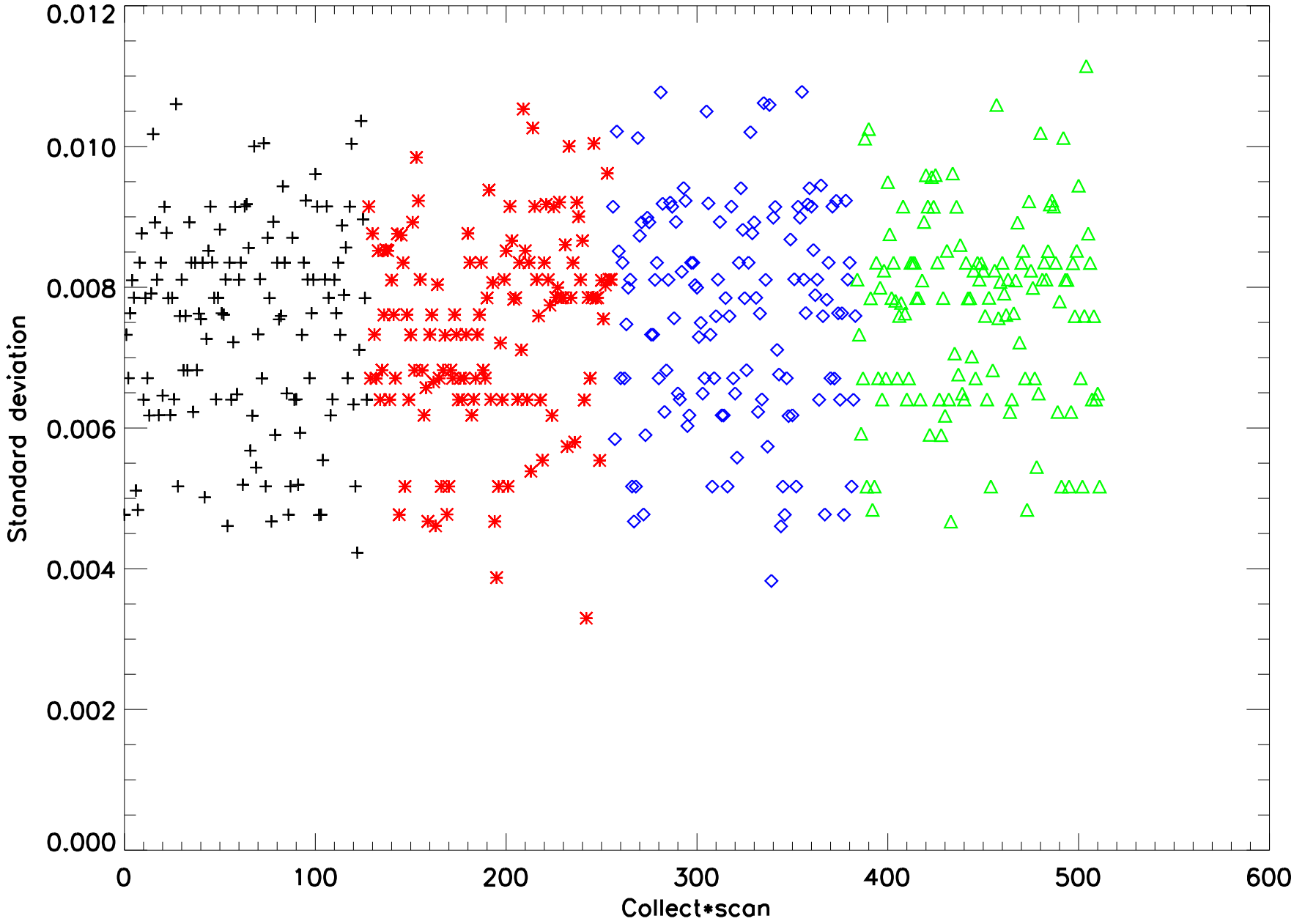

Collect=1
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
T_obc (K)
0
50
100
150
Scan

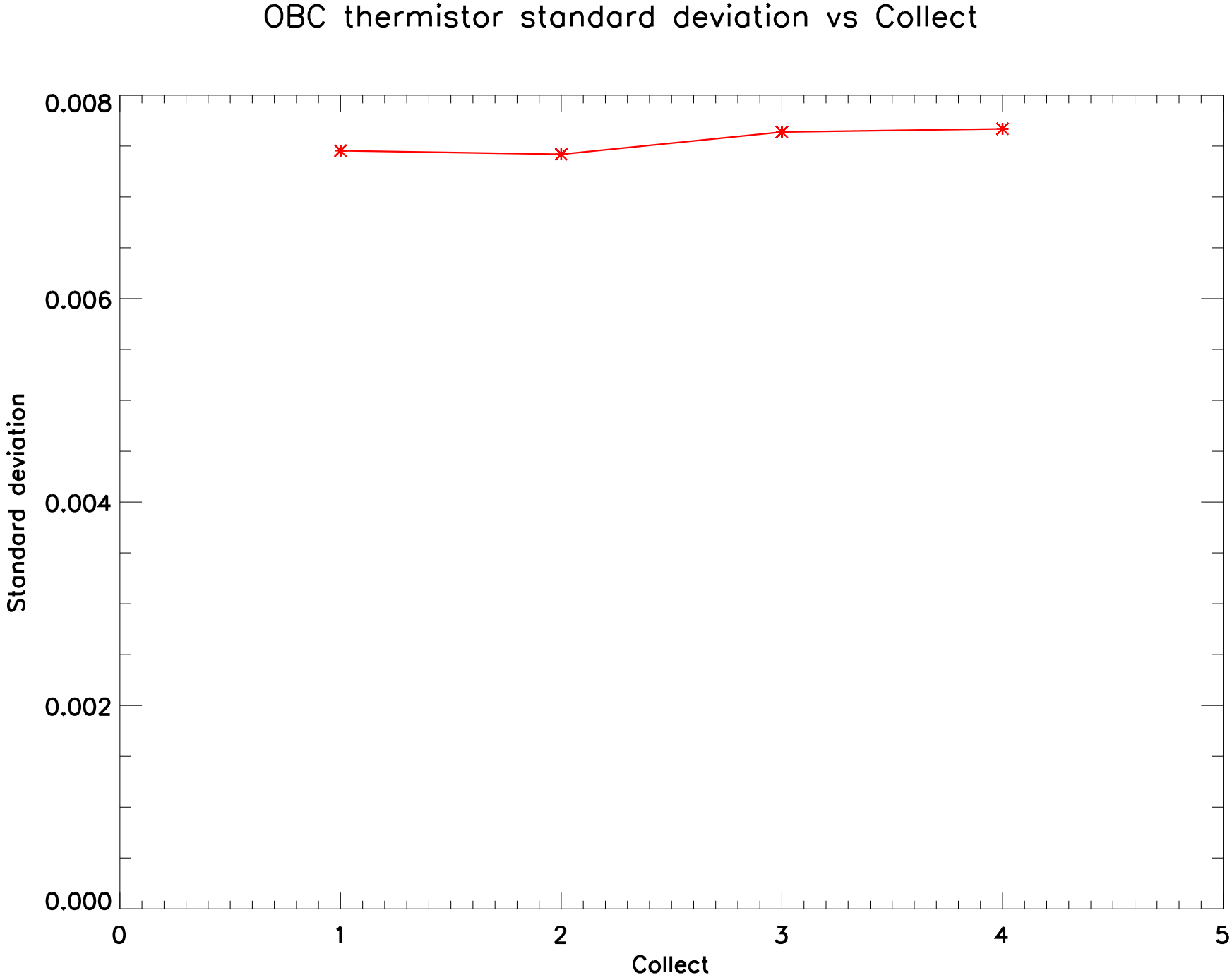

Collect=2
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
T_obc (K)
0
50
100
150
Scan

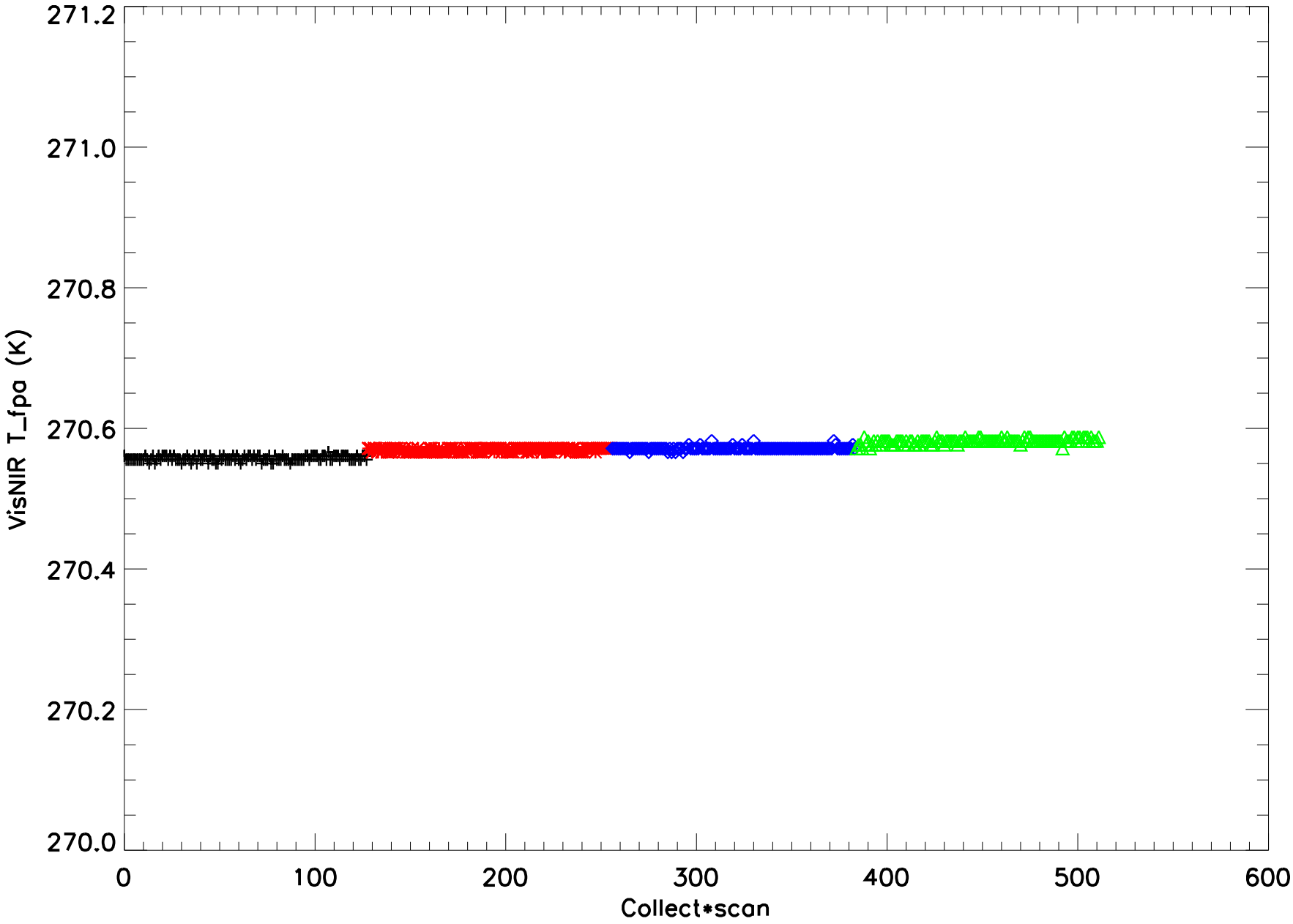

Collect=3
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
T_obc (K)
0
50
100
150
Scan

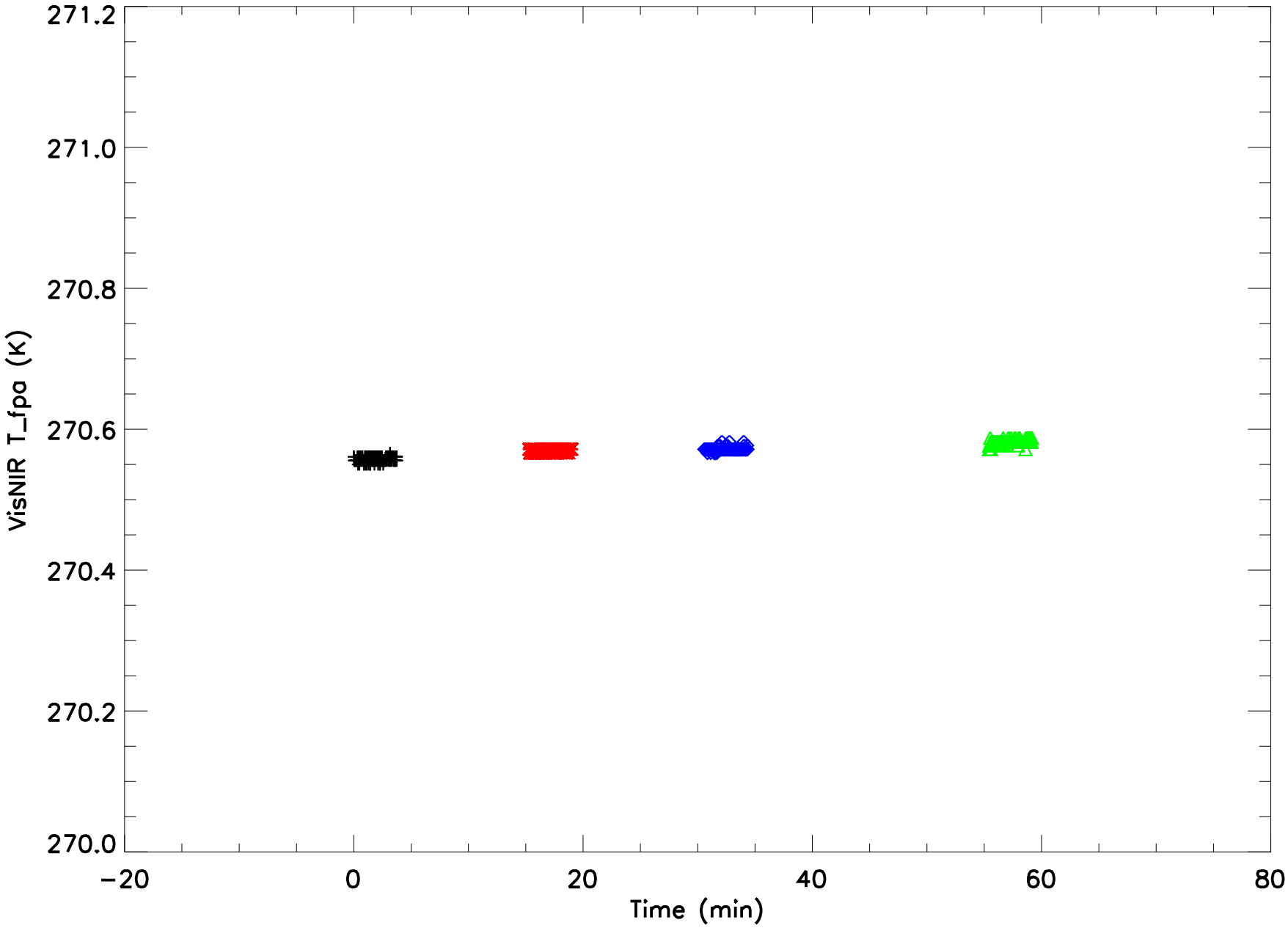

Collect=4
292.76
292.74
292.72
292.70
292.68
292.66
292.64
292.62
T_obc (K)
0
50
100
150
Scan


T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
Collect=4
T_obc (K)
Scan
292.72
292.71
292.70
292.69
292.68
292.67
0
50
100
150
1
2
3
4
5
6

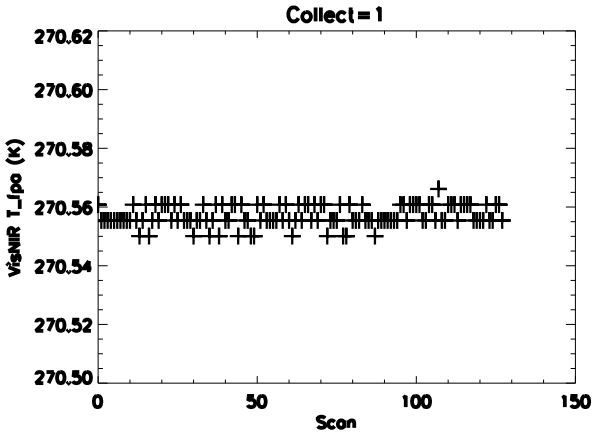

OBC thermistor standard deviation vs Scan and Collect
Standard deviation
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0
100
200
300
400
500
600
Collect*scan

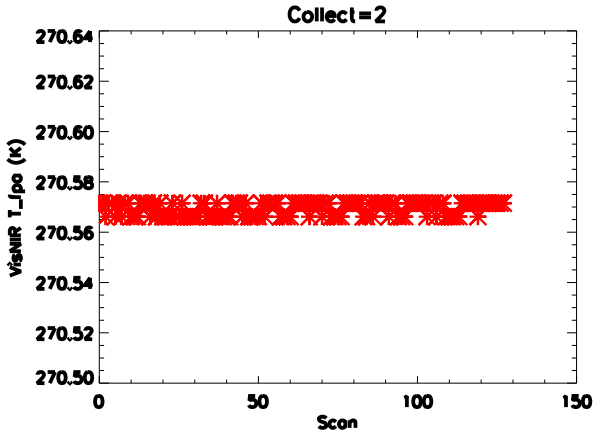

OBC thermistor standard deviation vs Collect
0.008
0.006
0.004
0.002
0.000
Standard deviation
0
1
2
3
4
5
Collect

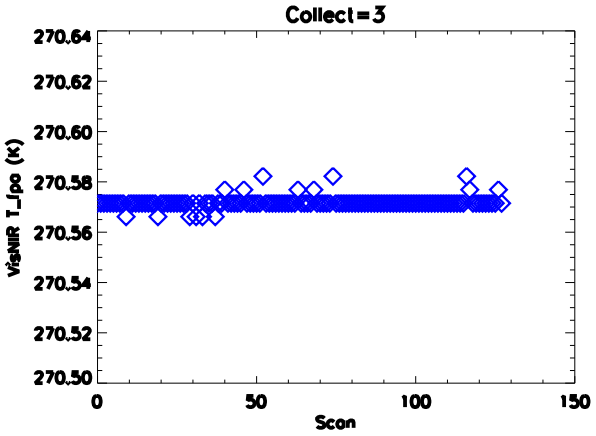

VisNIR T_fpa vs Scan and Collect
271.2
271.0
270.8
270.6
270.4
270.2
270.0
VisNIR T_fpa (K)
0
100
200
300
400
500
600
Collect*scan

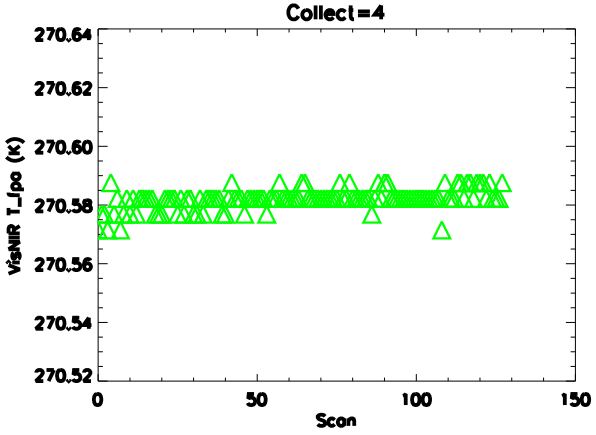

VisNIR T_fpa vs Time
271.2
271.0
270.8
270.6
270.4
270.2
270.0
VisNIR T_fpa (K)
−20
0
20
40
60
80
Time (min)

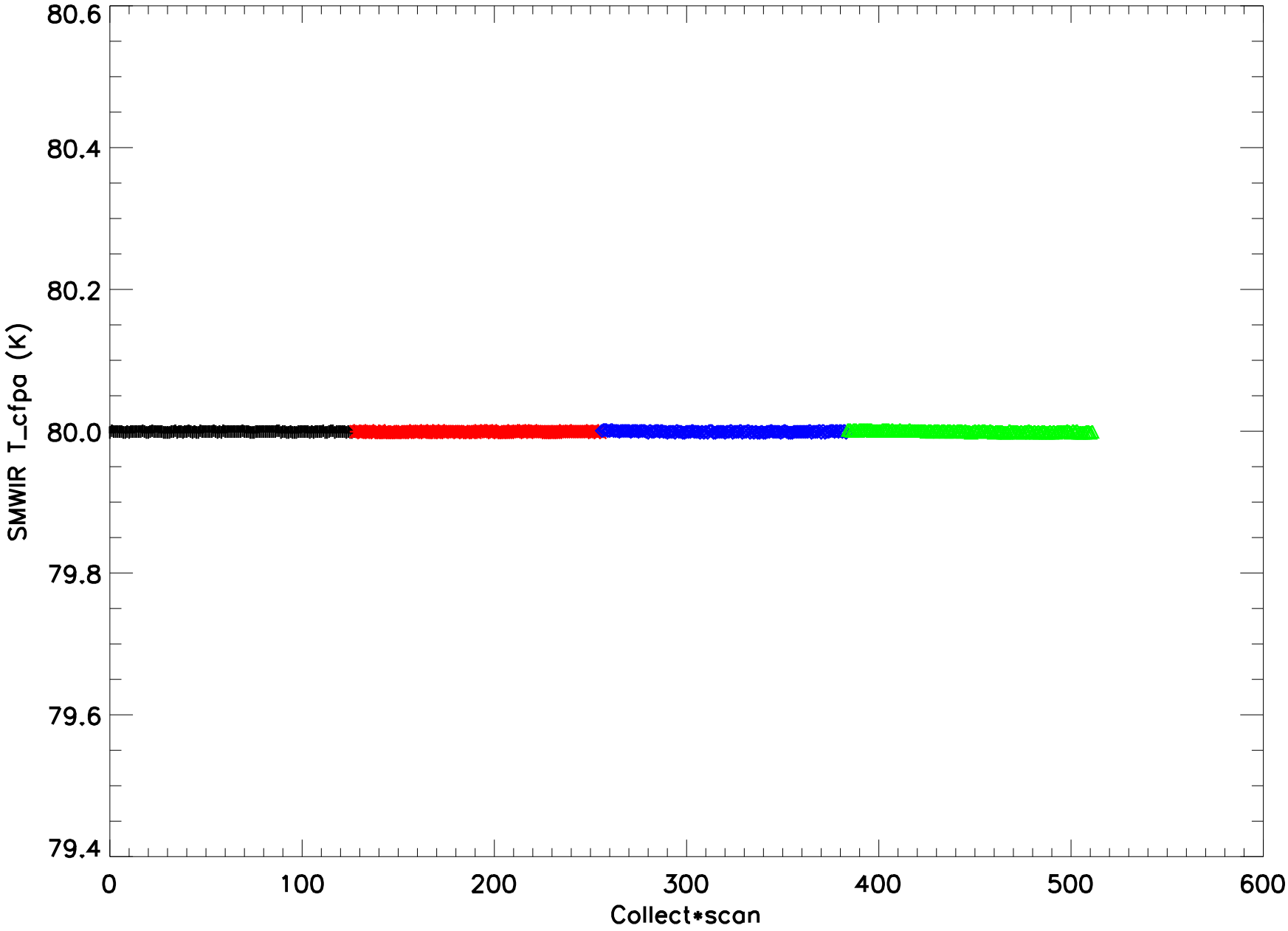
VisNIR T_fpa vs Scan

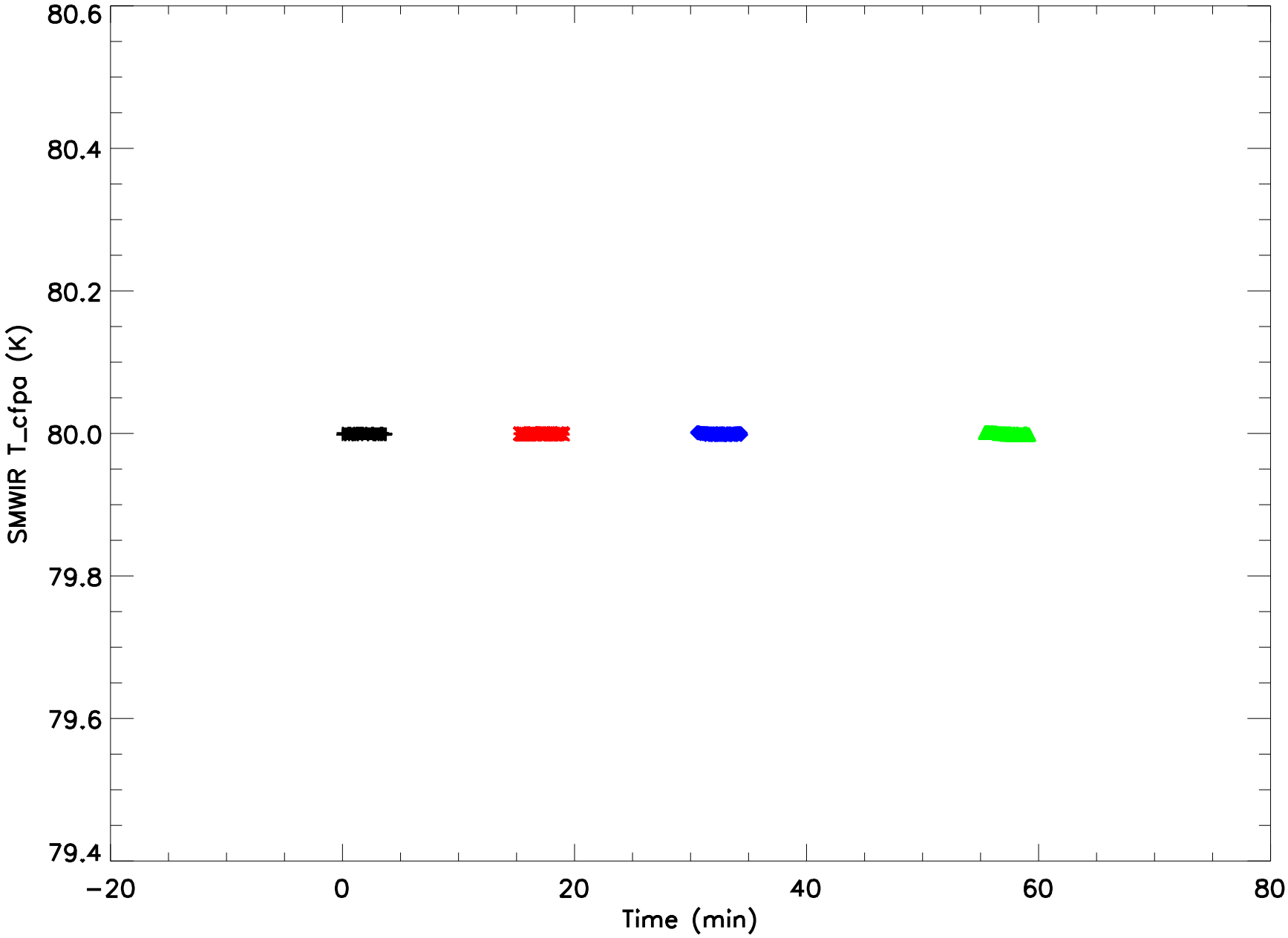




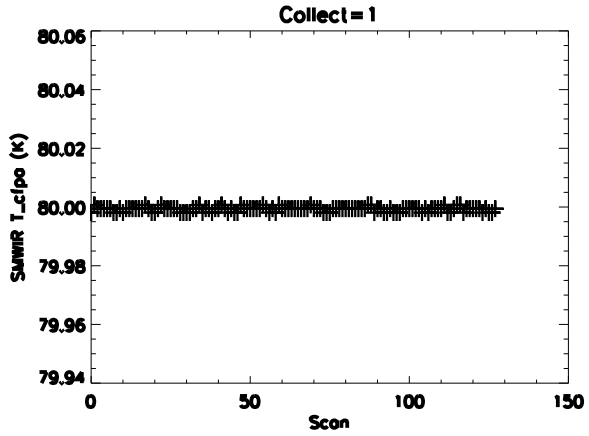


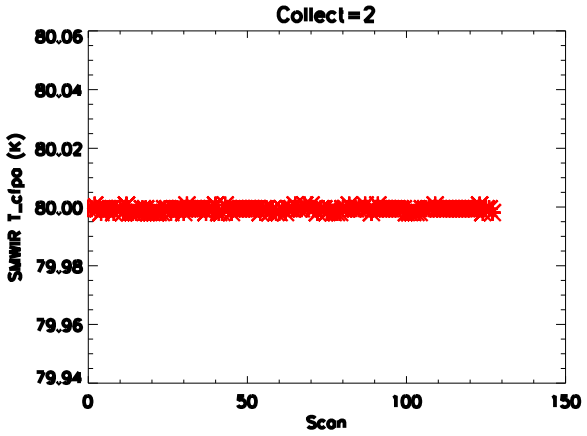


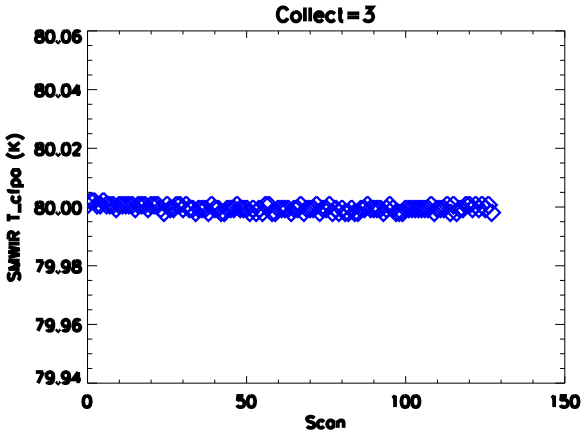

SMWIR T_cfpa vs Scan and Collect
80.6
80.4
80.2
80.0
79.8
79.6
79.4
SMWIR T_cfpa (K)
0
100
200
300
400
500
600
Collect*scan

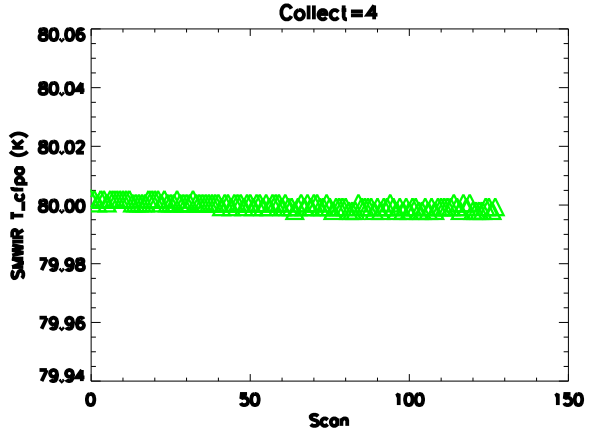

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
−20
0
20
40
60
80
Time (min)

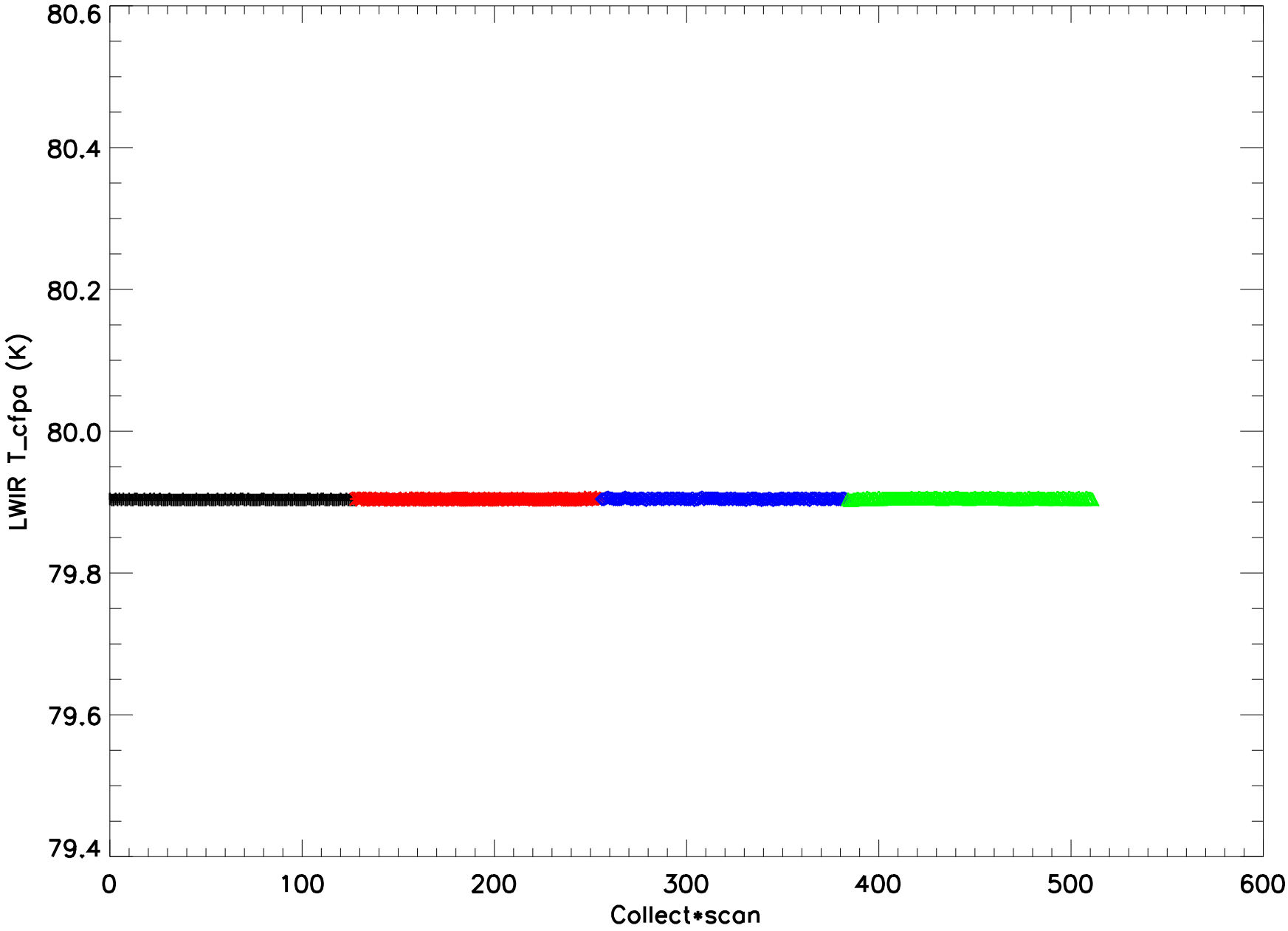
SMWIR T_cfpa vs Scan

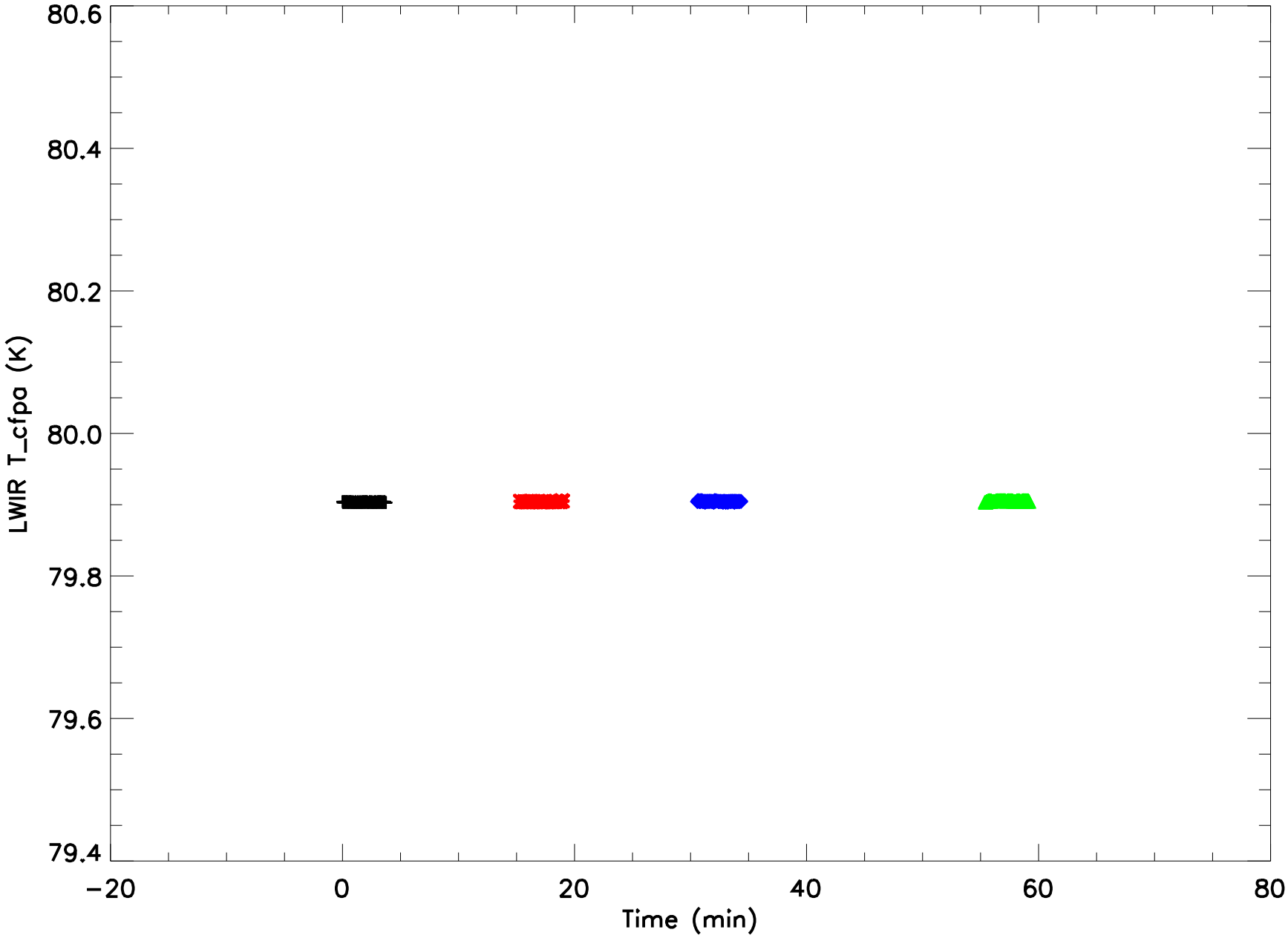




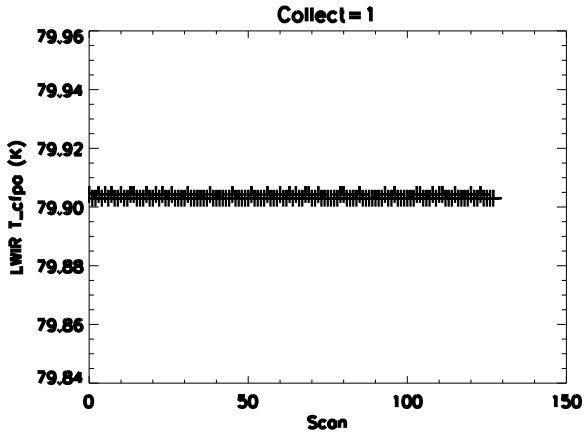


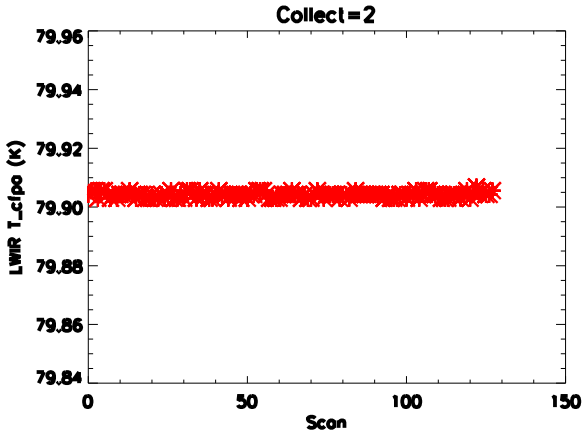


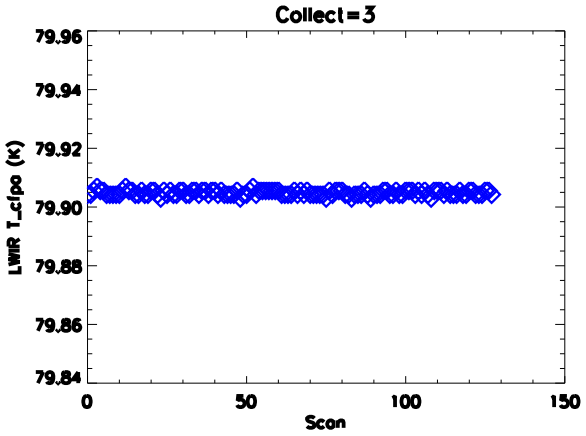

LWIR T_cfpa vs Scan and Collect
LWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
0
100
200
300
400
500
600
Collect*scan

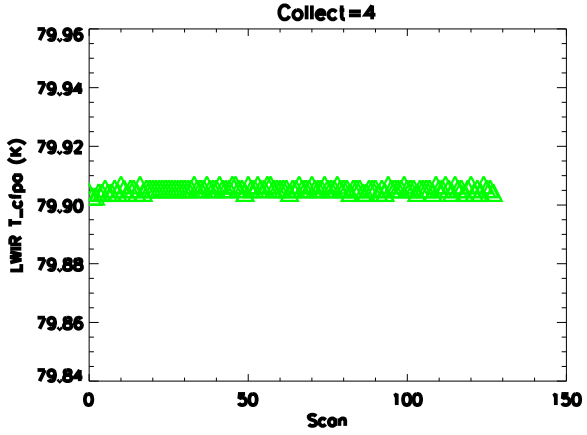

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
−20
0
20
40
60
80
Time (min)

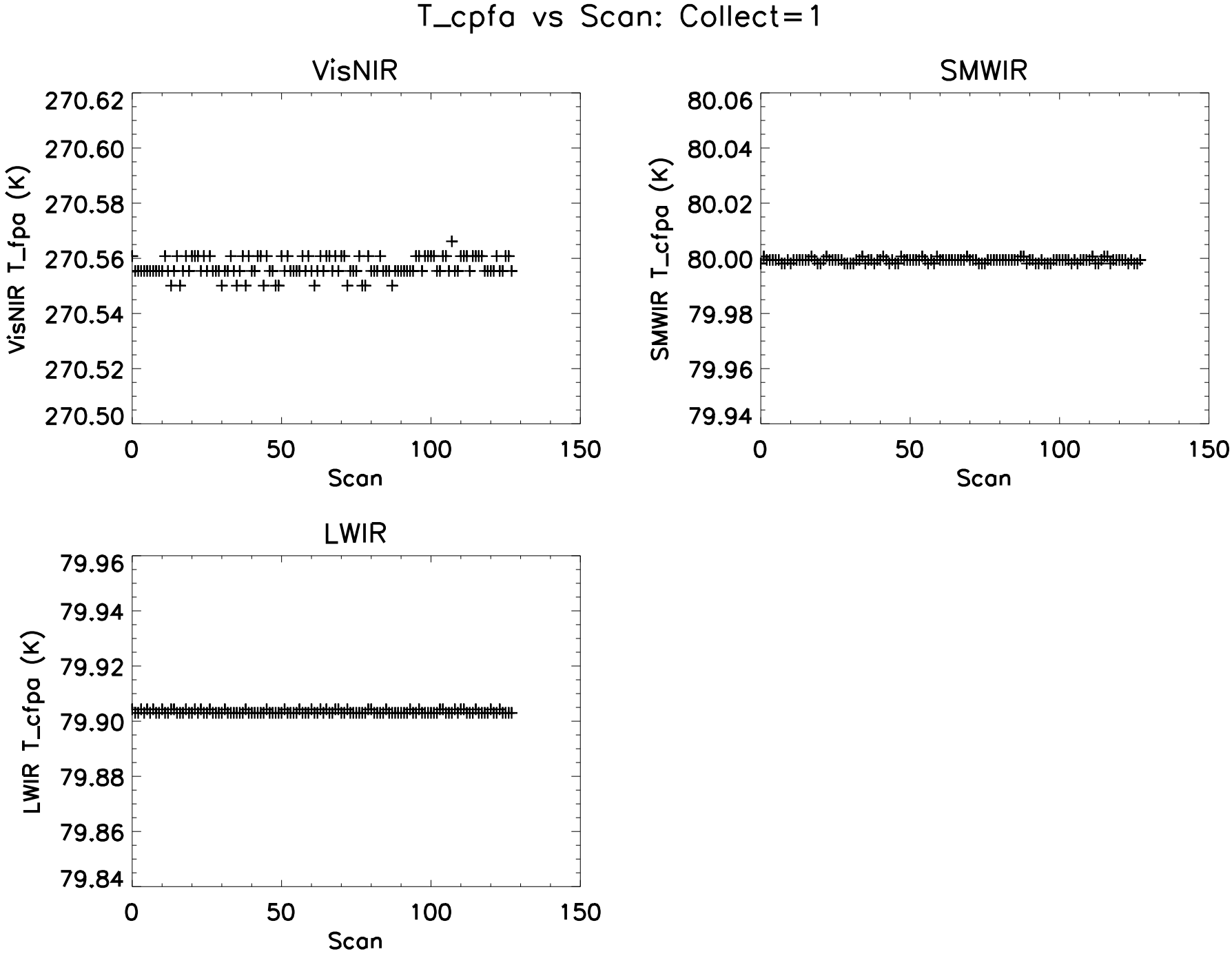
LWIR T_cfpa vs Scan

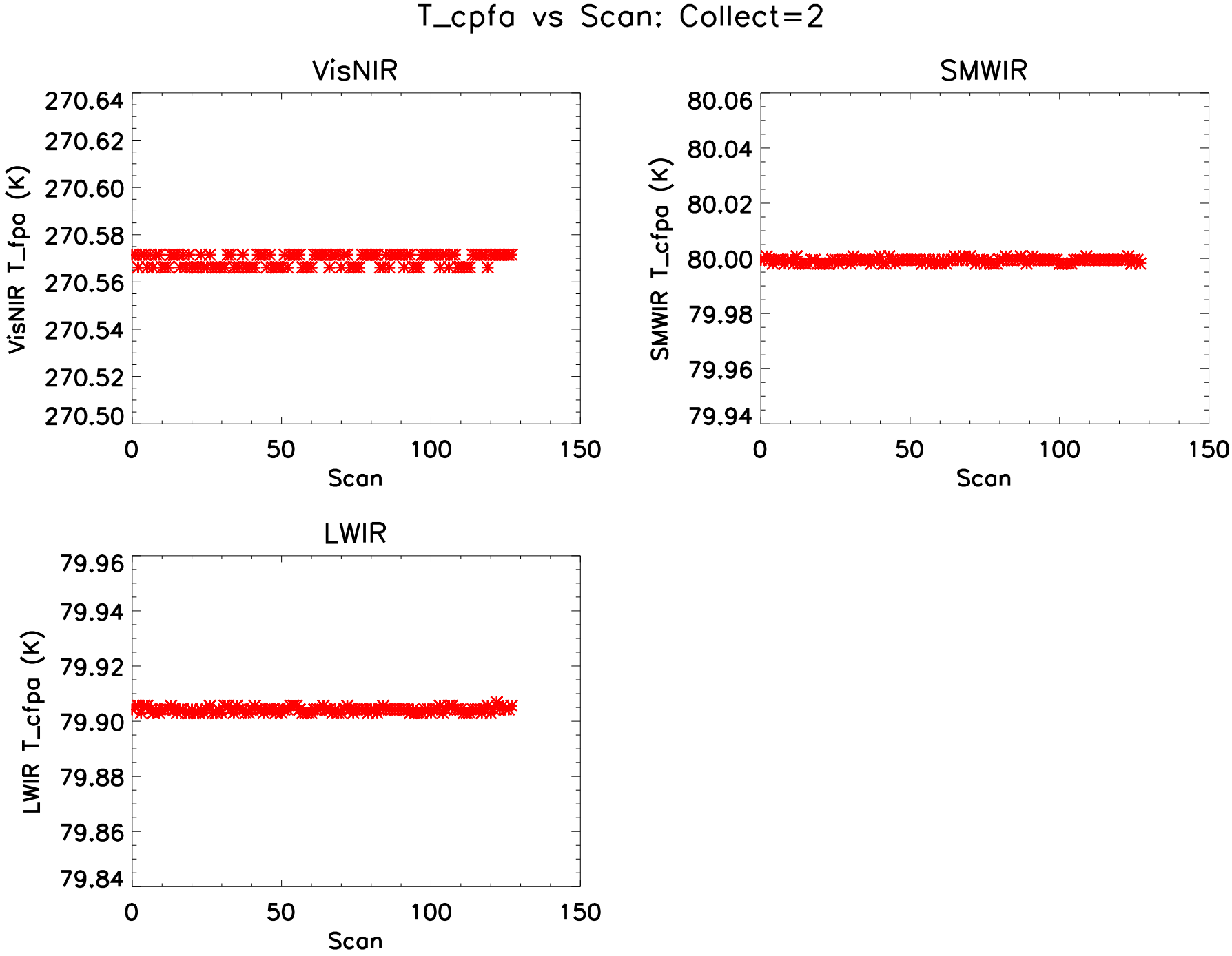


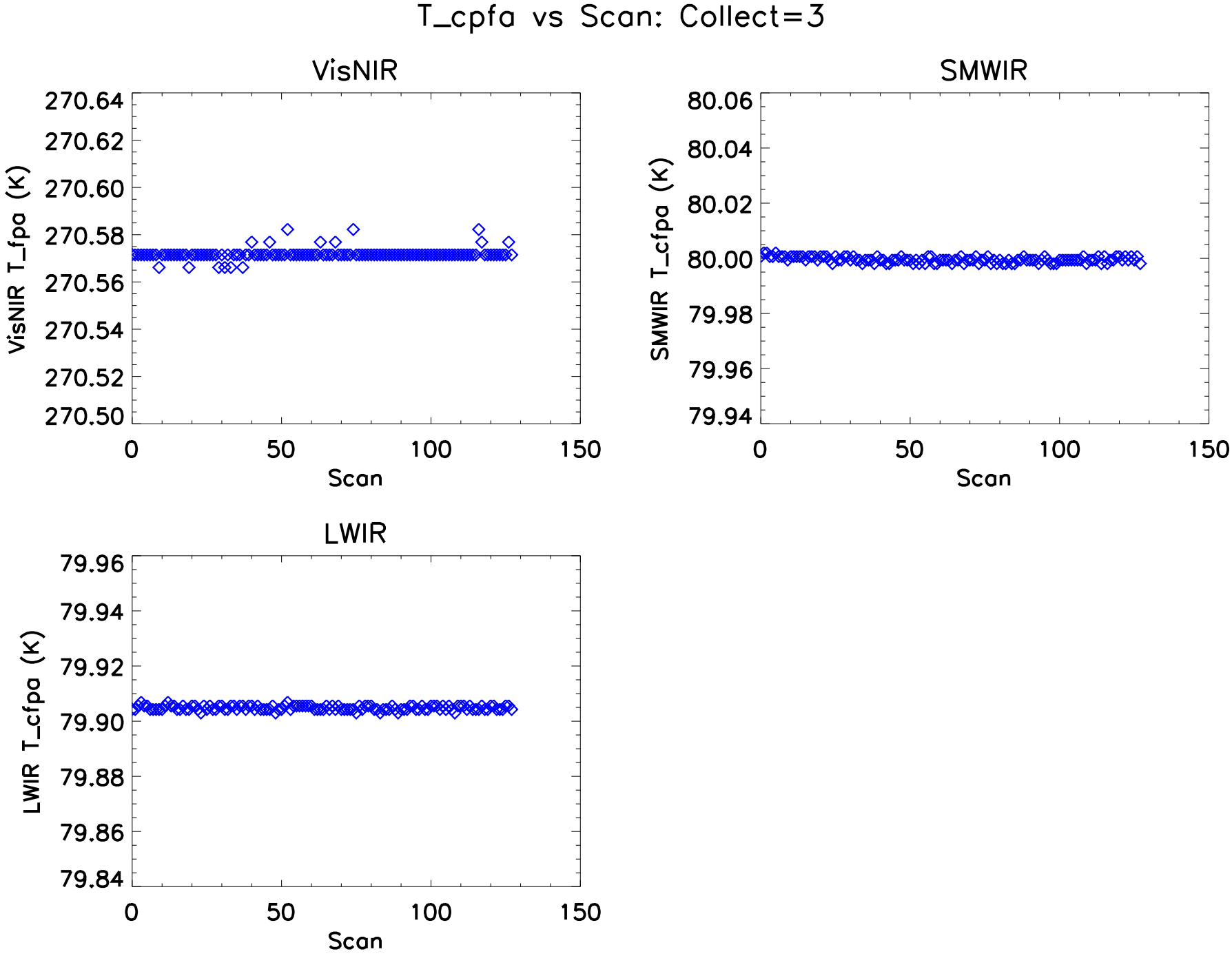


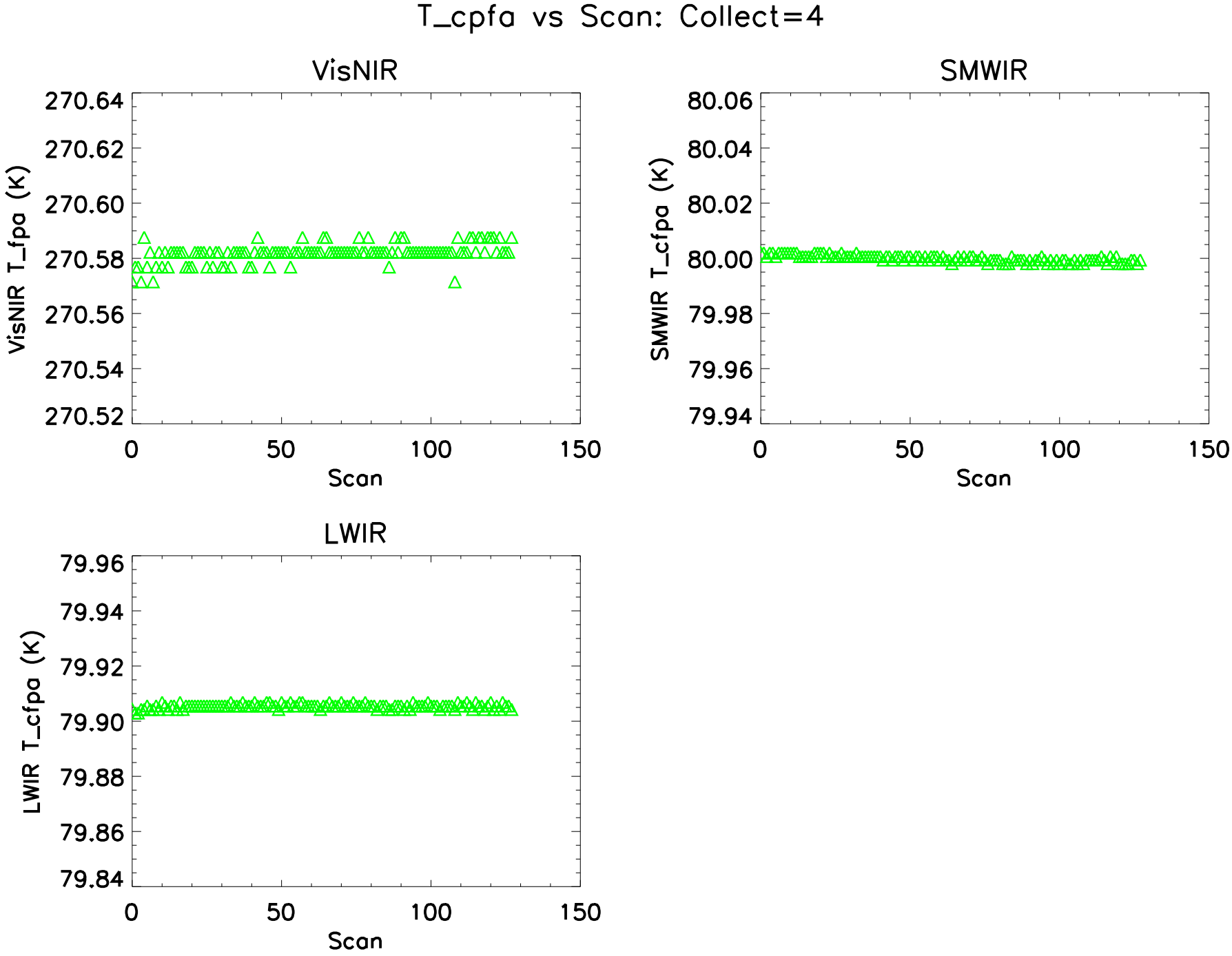


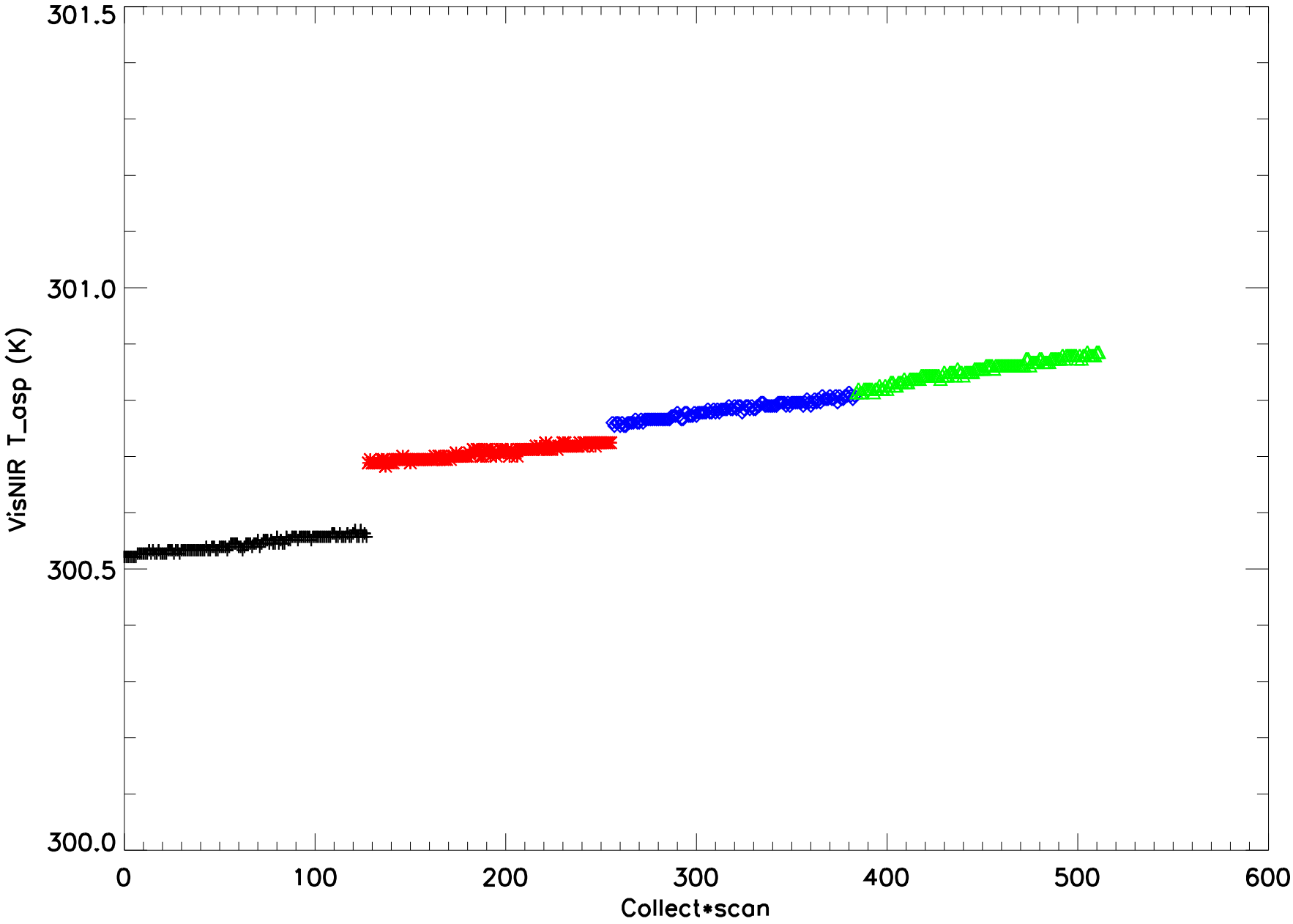


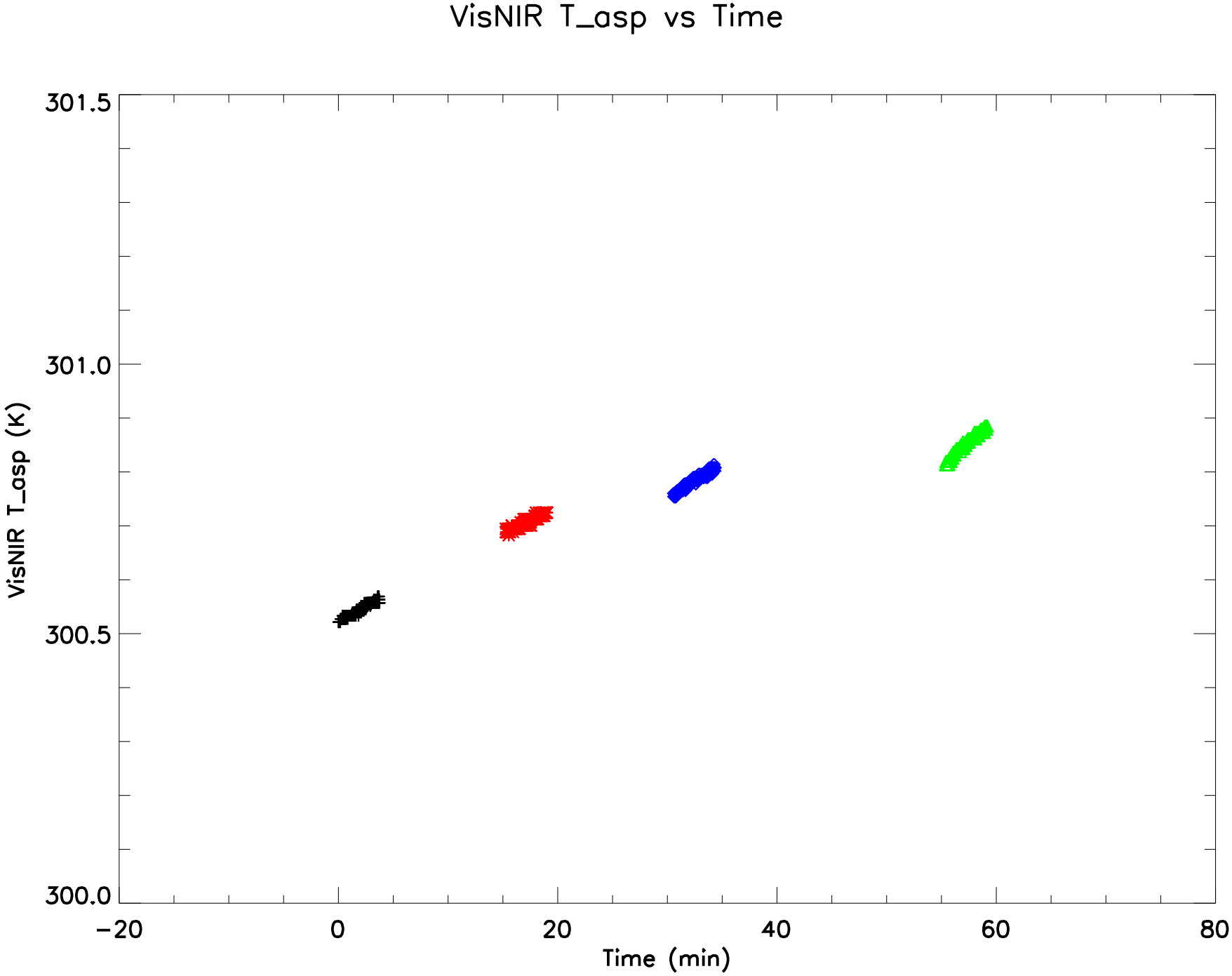

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
270.62
270.60
270.58
270.56
270.54
270.52
270.50
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
80.06
80.04
80.02
80.00
79.98
79.96
79.94
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
79.96
79.94
79.92
79.90
79.88
79.86
79.84
0
50
100
150
Scan


T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
270.64
270.62
270.60
270.58
270.56
270.54
270.52
270.50
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)
79.96
79.94
79.92
79.90
79.88
79.86
79.84
0
50
100
150
Scan

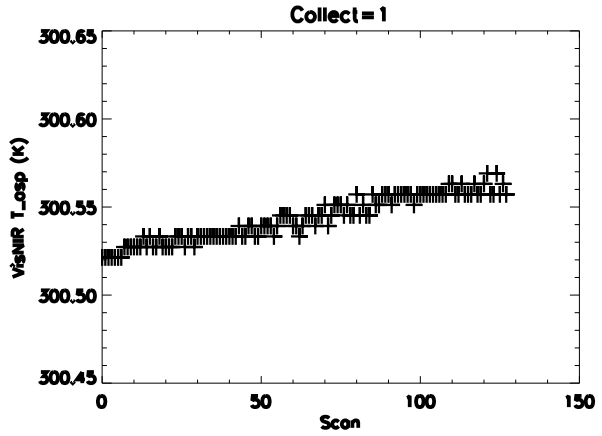

T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
270.64
270.62
270.60
270.58
270.56
270.54
270.52
270.50
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
80.06
80.04
80.02
80.00
79.98
79.96
79.94
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
79.96
79.94
79.92
79.90
79.88
79.86
79.84
0
50
100
150
Scan

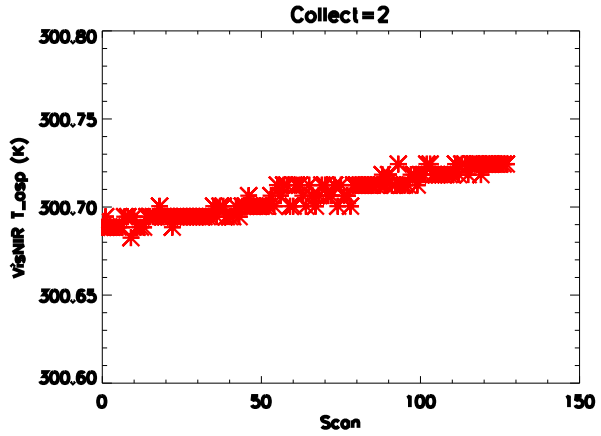

T_cpfa vs Scan: Collect=4
VisNIR
VisNIR T_fpa (K)
270.64
270.62
270.60
270.58
270.56
270.54
270.52
0
50
100
150
Scan
SMWIR
SMWIR T_cfpa (K)
80.06
80.04
80.02
80.00
79.98
79.96
79.94
0
50
100
150
Scan
LWIR
LWIR T_cfpa (K)
79.96
79.94
79.92
79.90
79.88
79.86
79.84
0
50
100
150
Scan

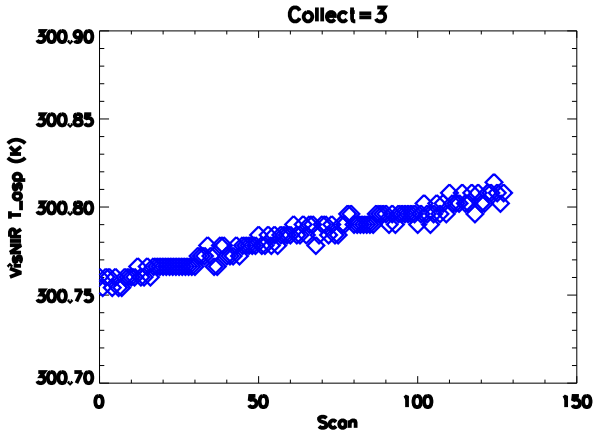

VisNIR T_asp vs Scan and Collect
301.5
301.0
300.5
300.0
VisNIR T_asp (K)
0
100
200
300
400
500
600
Collect*scan

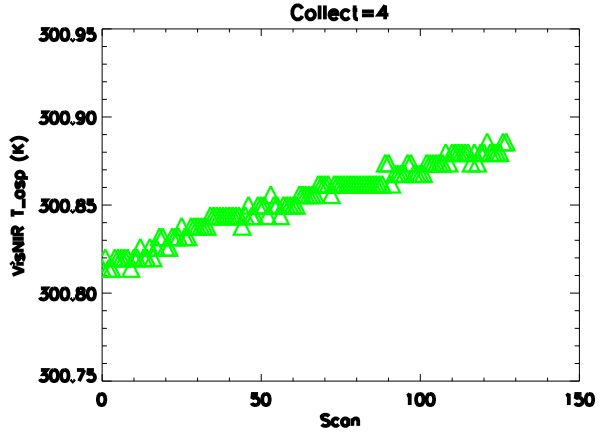

VisNIR T_asp vs Time
301.5
301.0
300.5
300.0
VisNIR T_asp (K)
−20
0
20
40
60
80
Time (min)

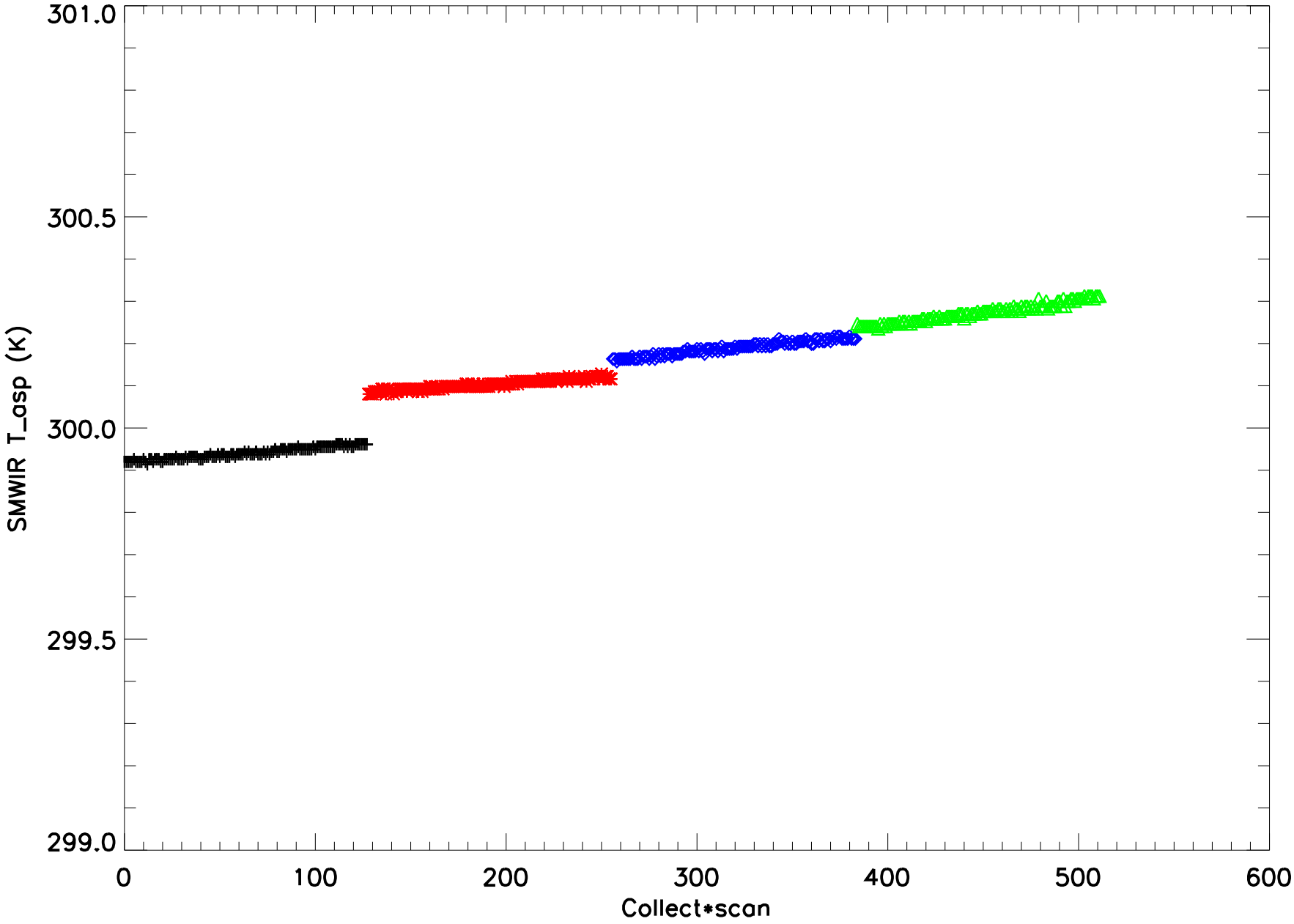
VisNIR T_asp vs Scan

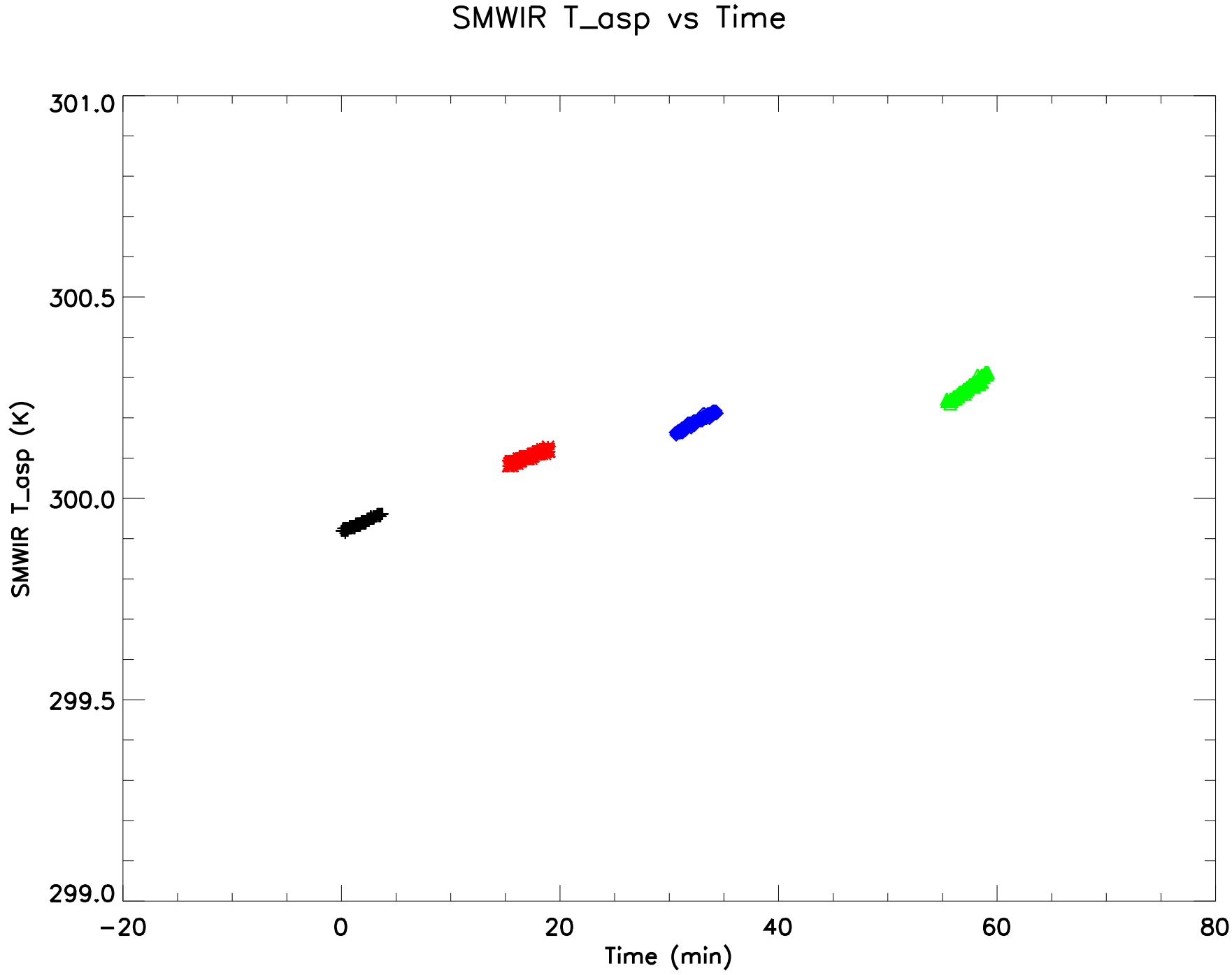




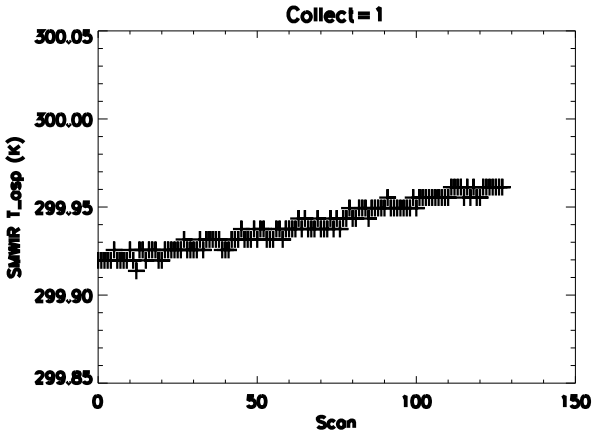


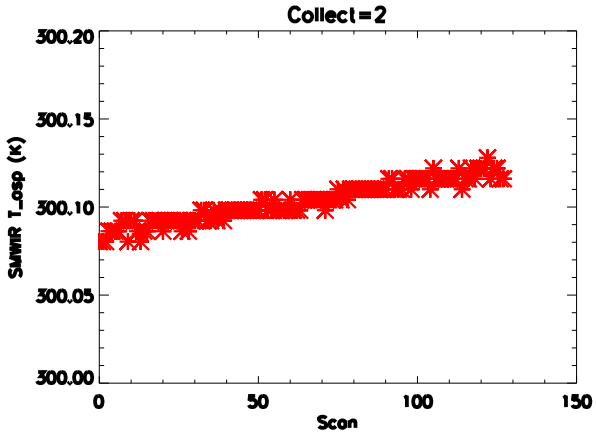


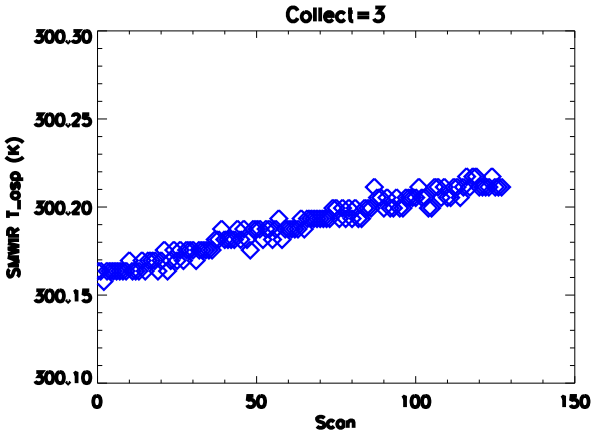

SMWIR T_asp vs Scan and Collect
301.0
300.5
300.0
299.5
299.0
SMWIR T_asp (K)
0
100
200
300
400
500
600
Collect*scan

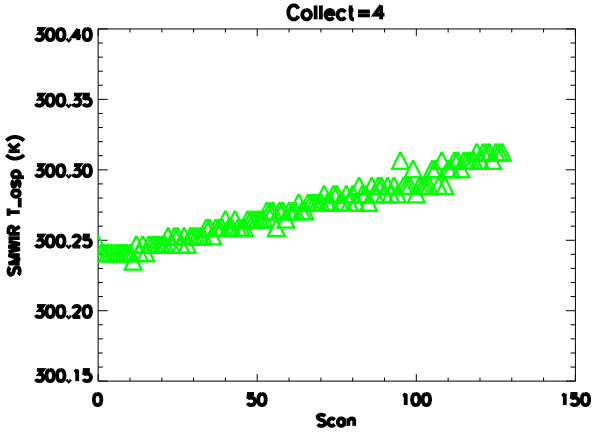

SMWIR T_asp vs Time
301.0
300.5
300.0
299.5
299.0
SMWIR T_asp (K)
−20
0
20
40
60
80
Time (min)

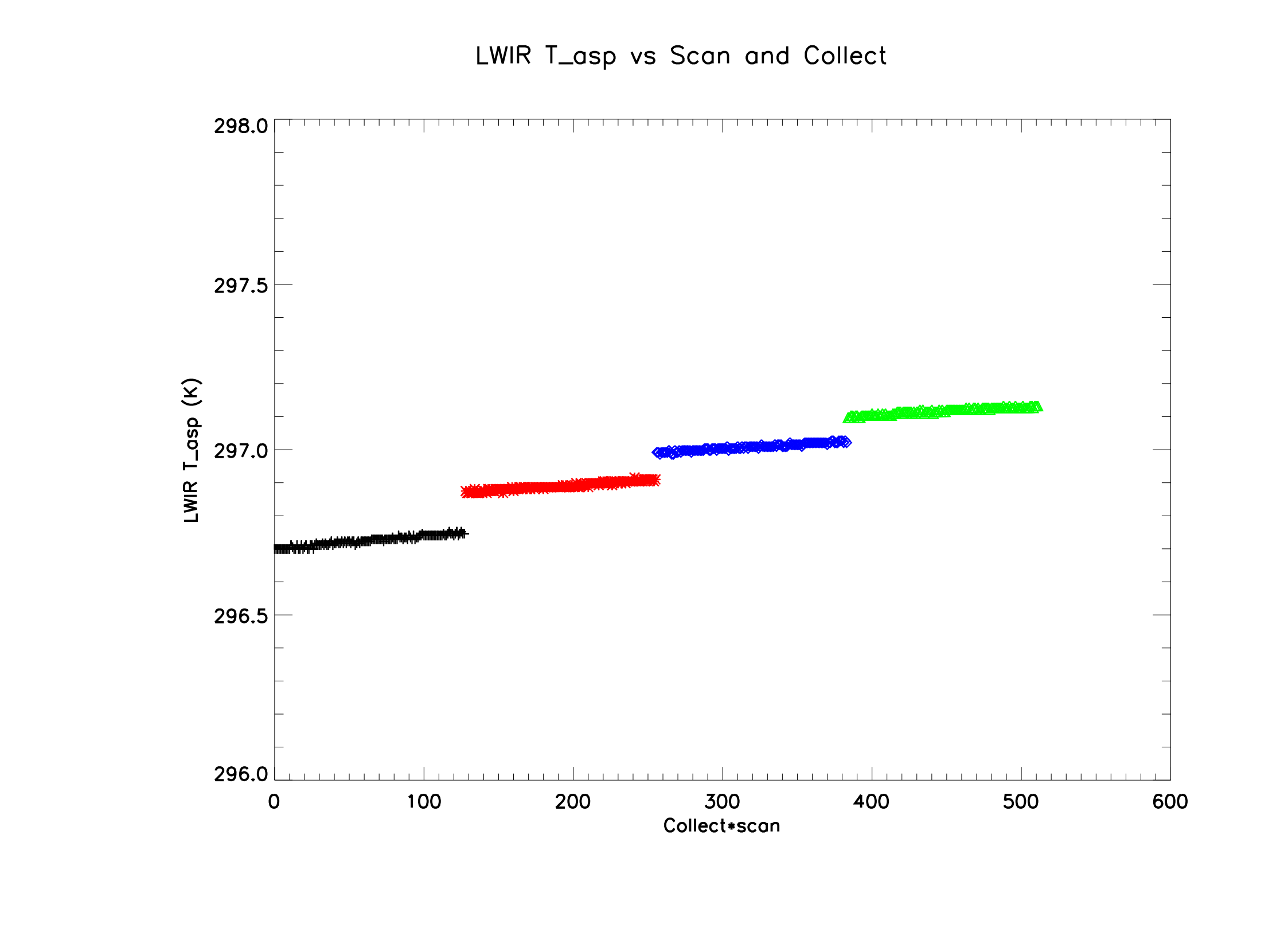
SMWIR T_asp vs Scan

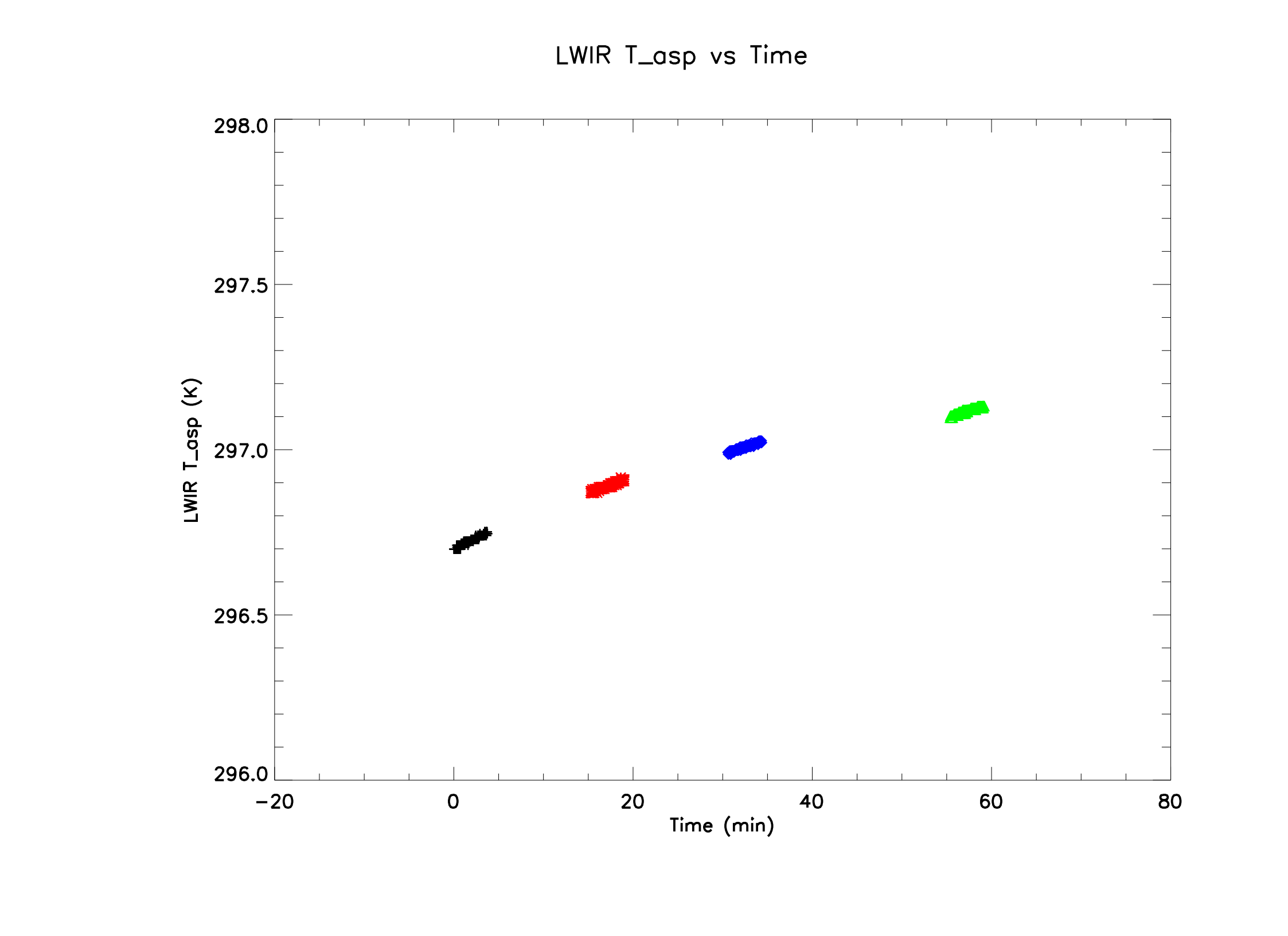




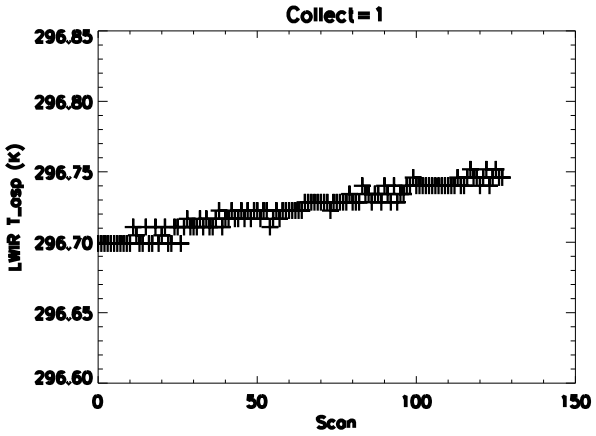


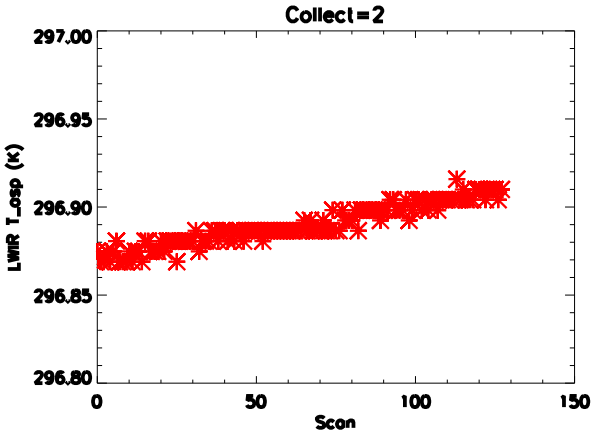


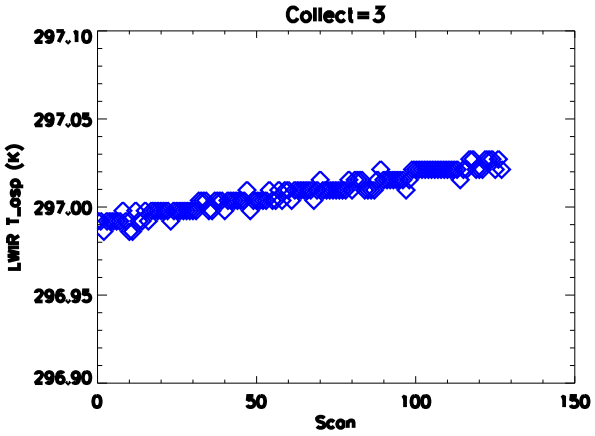

LWIR T_asp vs Scan and Collect
LWIR T_asp (K)
298.0
297.5
297.0
296.5
296.0
0
100
200
300
400
500
600
Collect*scan

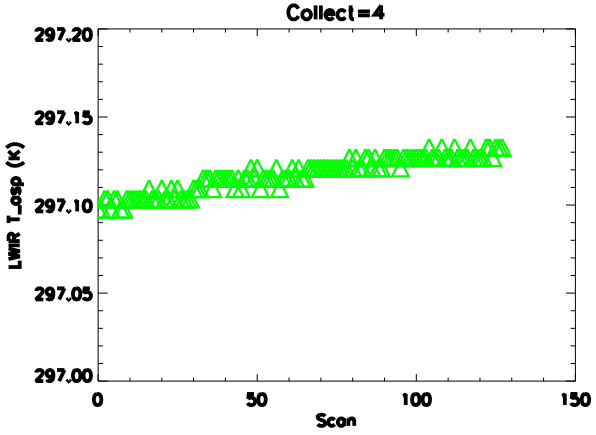

LWIR T_asp vs Time
LWIR T_asp (K)
298.0
297.5
297.0
296.5
296.0
−20
0
20
40
60
80
Time (min)

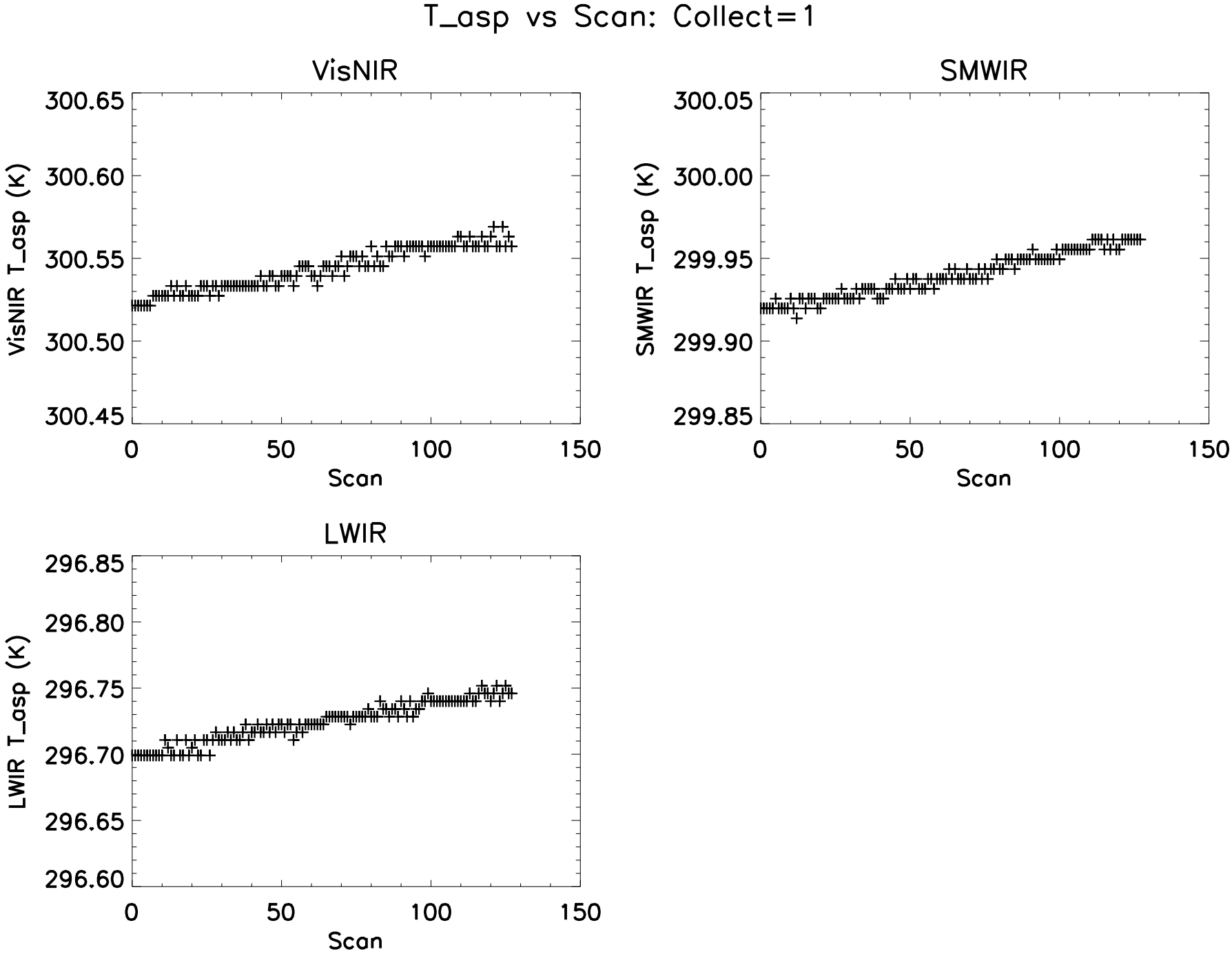
LWIR T_asp vs Scan

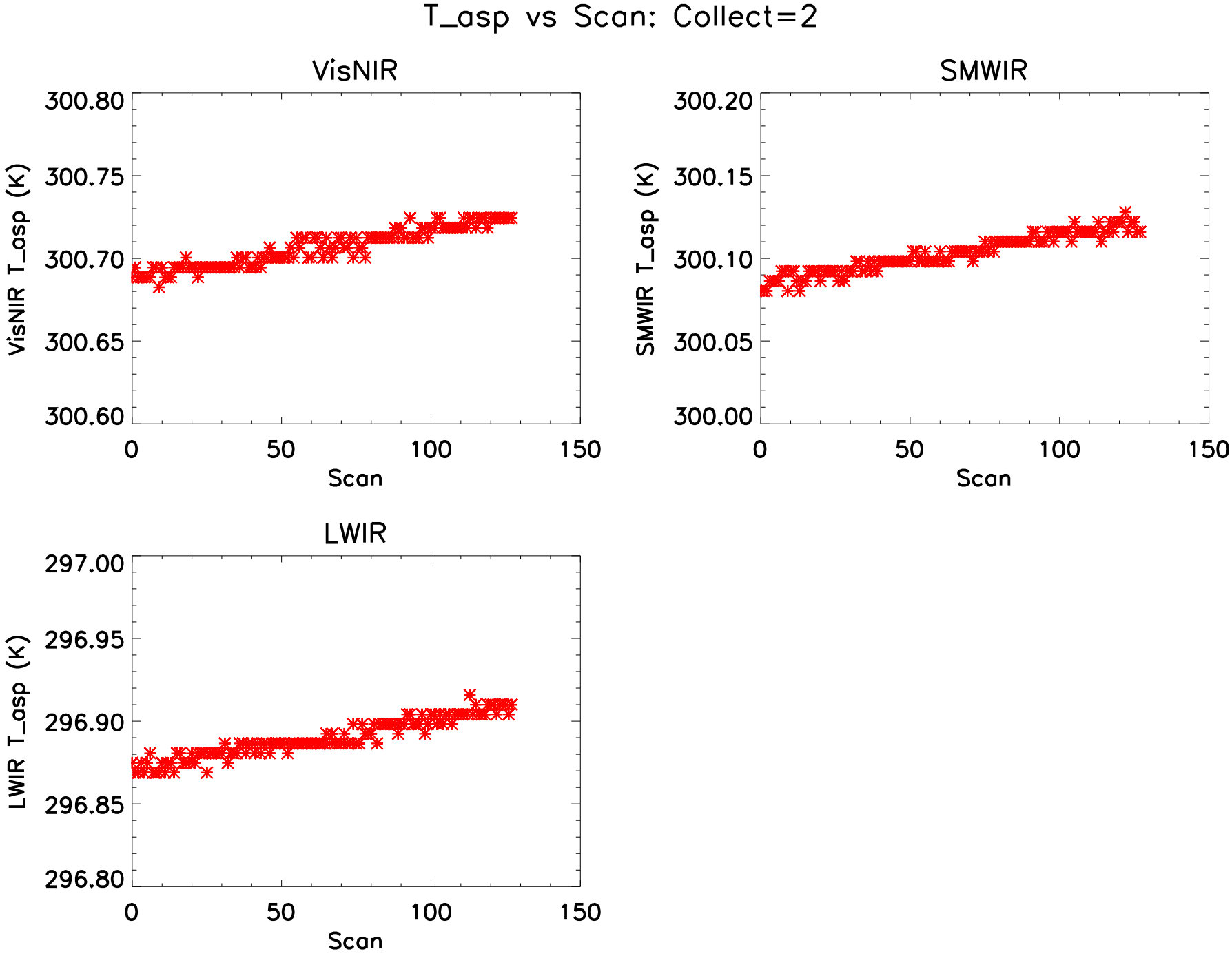


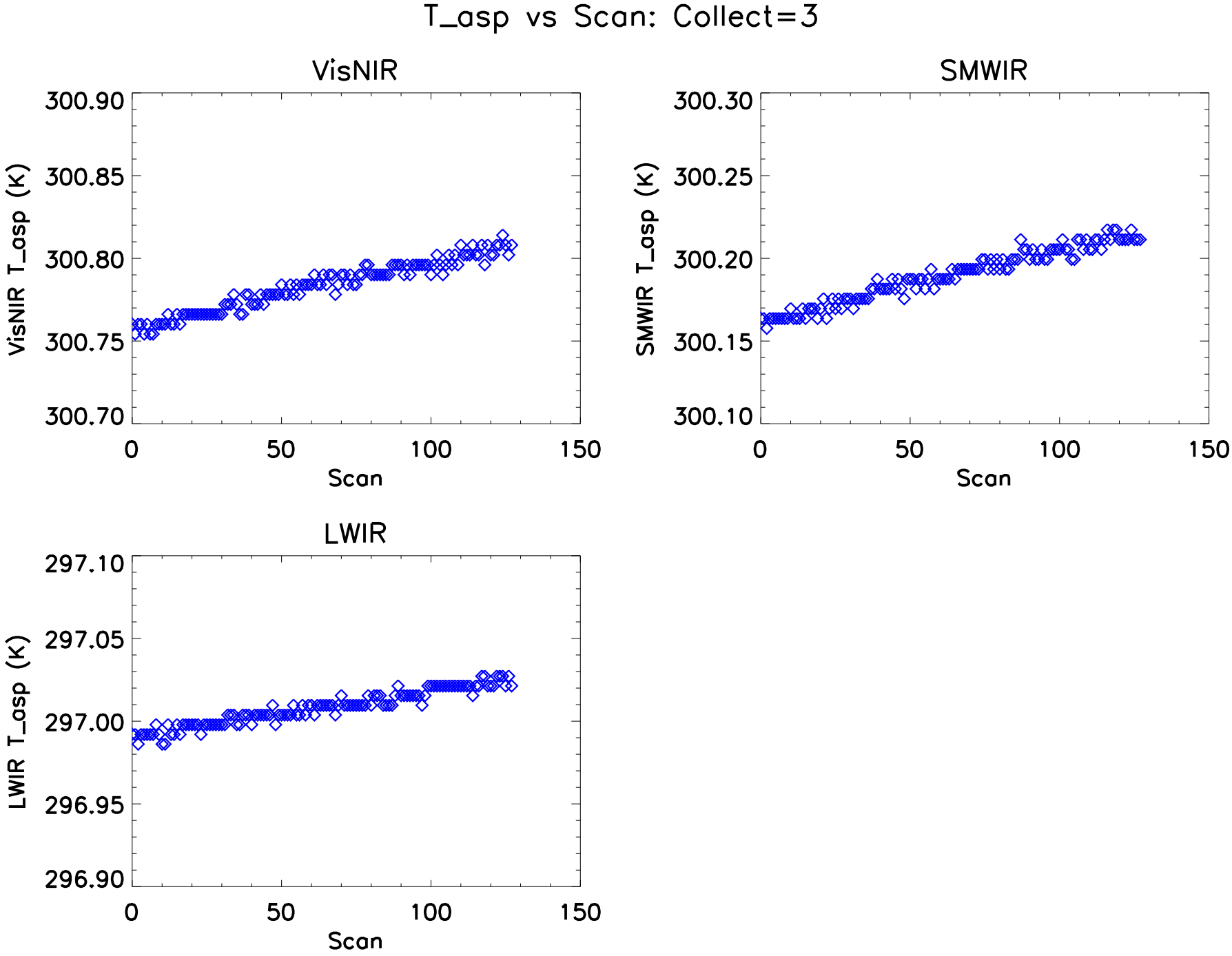


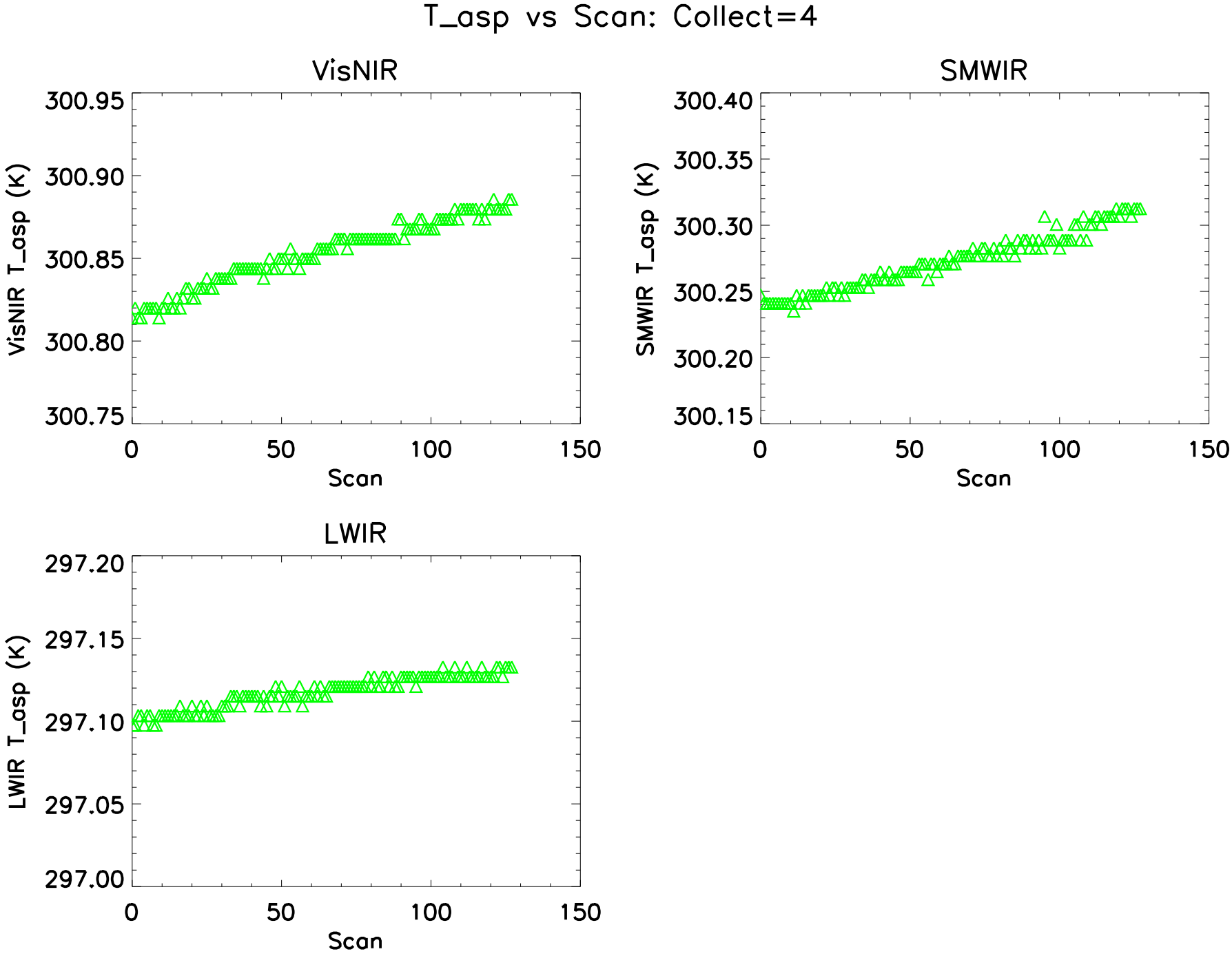


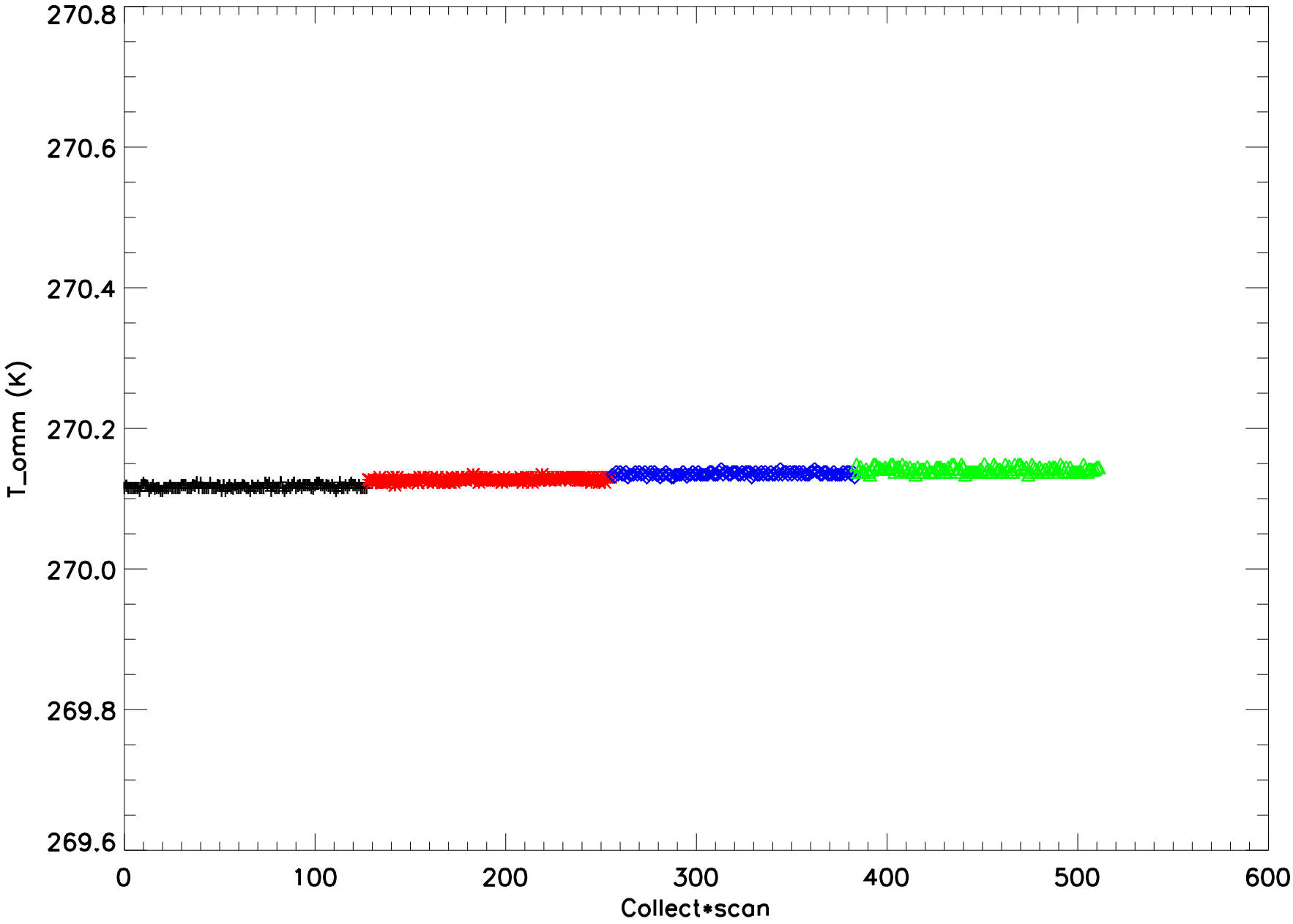


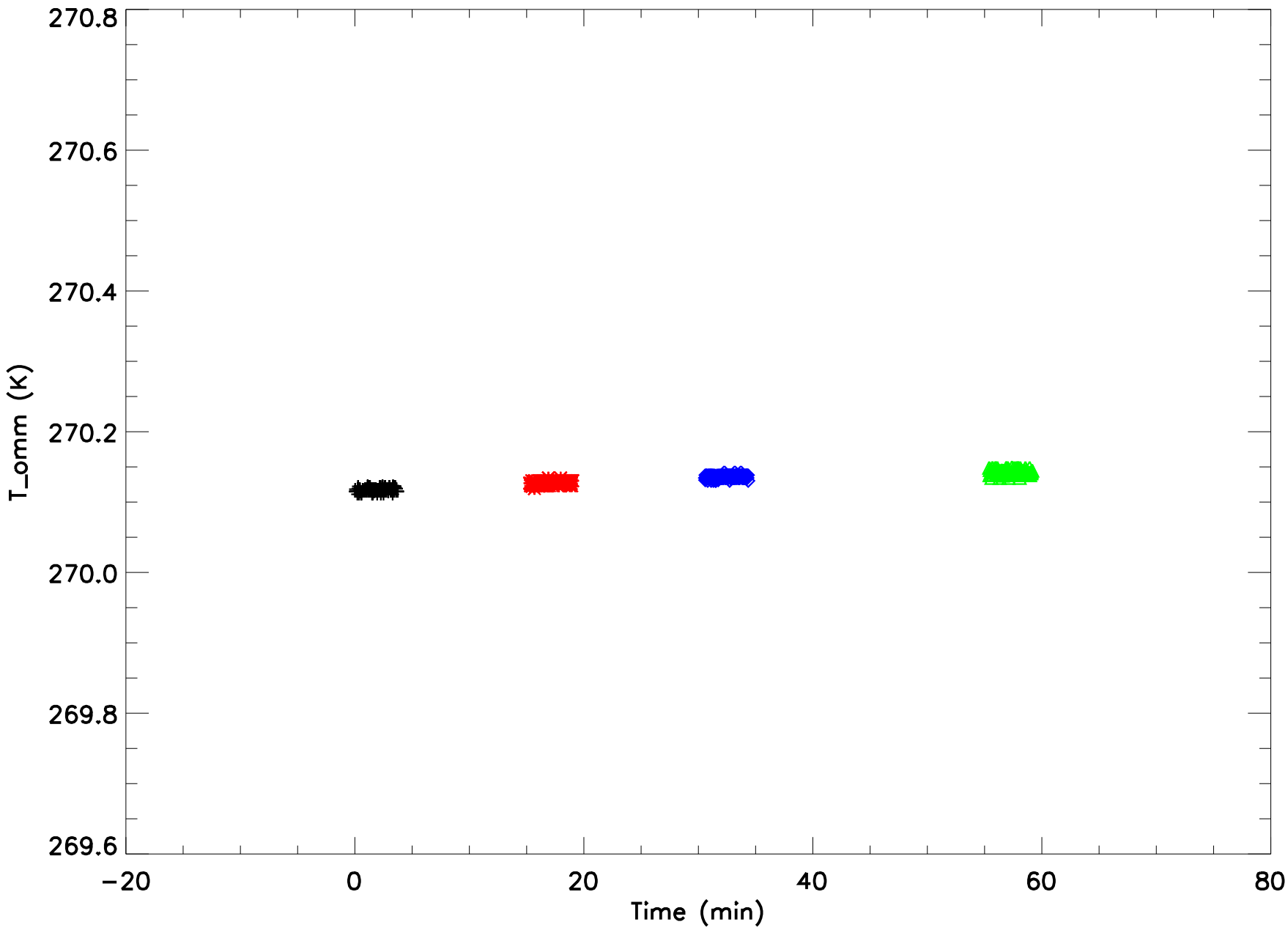

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
300.65
300.60
300.55
300.50
300.45
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
300.05
300.00
299.95
299.90
299.85
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
296.85
296.80
296.75
296.70
296.65
296.60
0
50
100
150
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
300.80
300.75
300.70
300.65
300.60
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
300.20
300.15
300.10
300.05
300.00
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
297.00
296.95
296.90
296.85
296.80
0
50
100
150
Scan

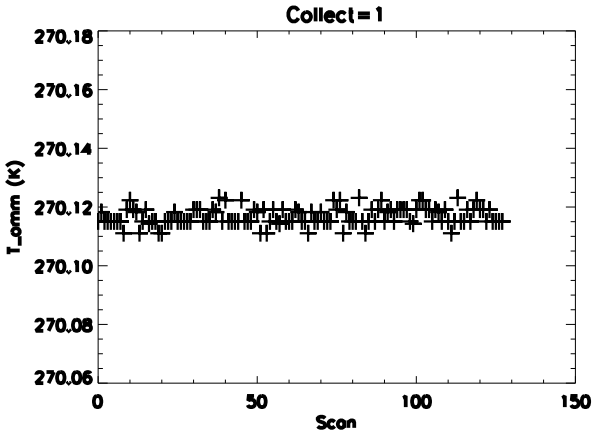

T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
300.90
300.85
300.80
300.75
300.70
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
300.30
300.25
300.20
300.15
300.10
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
297.10
297.05
297.00
296.95
296.90
0
50
100
150
Scan

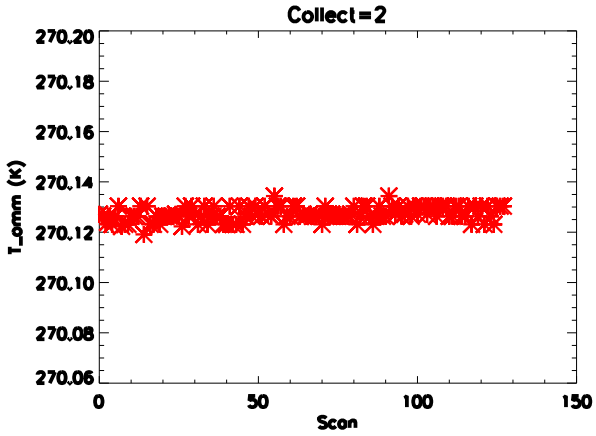

T_asp vs Scan: Collect=4
VisNIR
VisNIR T_asp (K)
300.95
300.90
300.85
300.80
300.75
0
50
100
150
Scan
SMWIR
SMWIR T_asp (K)
300.40
300.35
300.30
300.25
300.20
300.15
0
50
100
150
Scan
LWIR
LWIR T_asp (K)
297.20
297.15
297.10
297.05
297.00
0
50
100
150
Scan

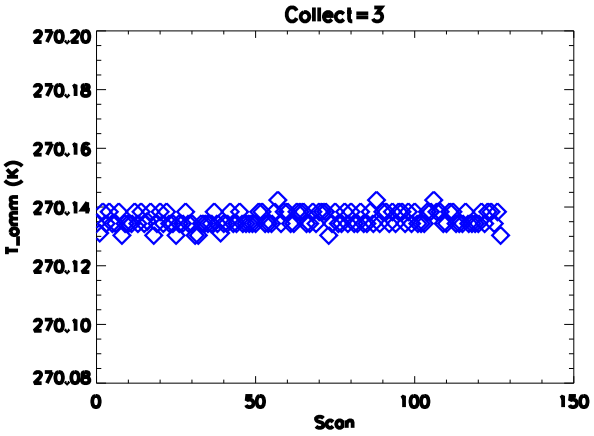

T_omm vs Scan and Collect
270.8
270.6
270.4
270.2
270.0
269.8
269.6
T_omm (K)
0
100
200
300
400
500
600
Collect*scan

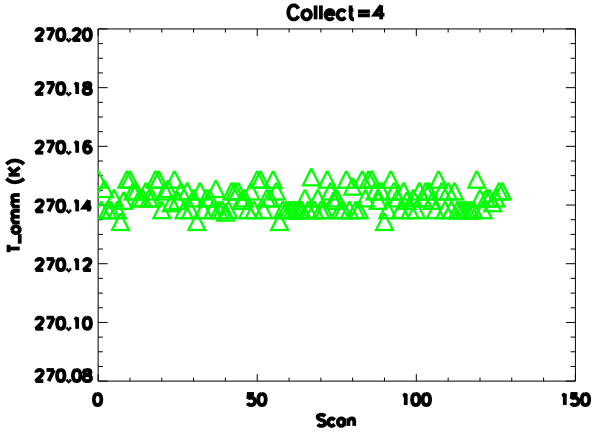

T_omm vs Time
T_omm (K)
270.8
270.6
270.4
270.2
270.0
269.8
269.6
−20
0
20
40
60
80
Time (min)

T_omm vs Scan


Collect=1
T_omm (K)
270.18
270.16
270.14
270.12
270.10
270.08
270.06
0
50
100
150
Scan


Collect=2
T_omm (K)
270.20
270.18
270.16
270.14
270.12
270.10
270.08
270.06
0
50
100
150
Scan


Collect=3
T_omm (K)
270.20
270.18
270.16
270.14
270.12
270.10
270.08
0
50
100
150
Scan


Collect=4
T_omm (K)
270.20
270.18
270.16
270.14
270.12
270.10
270.08
0
50
100
150
Scan