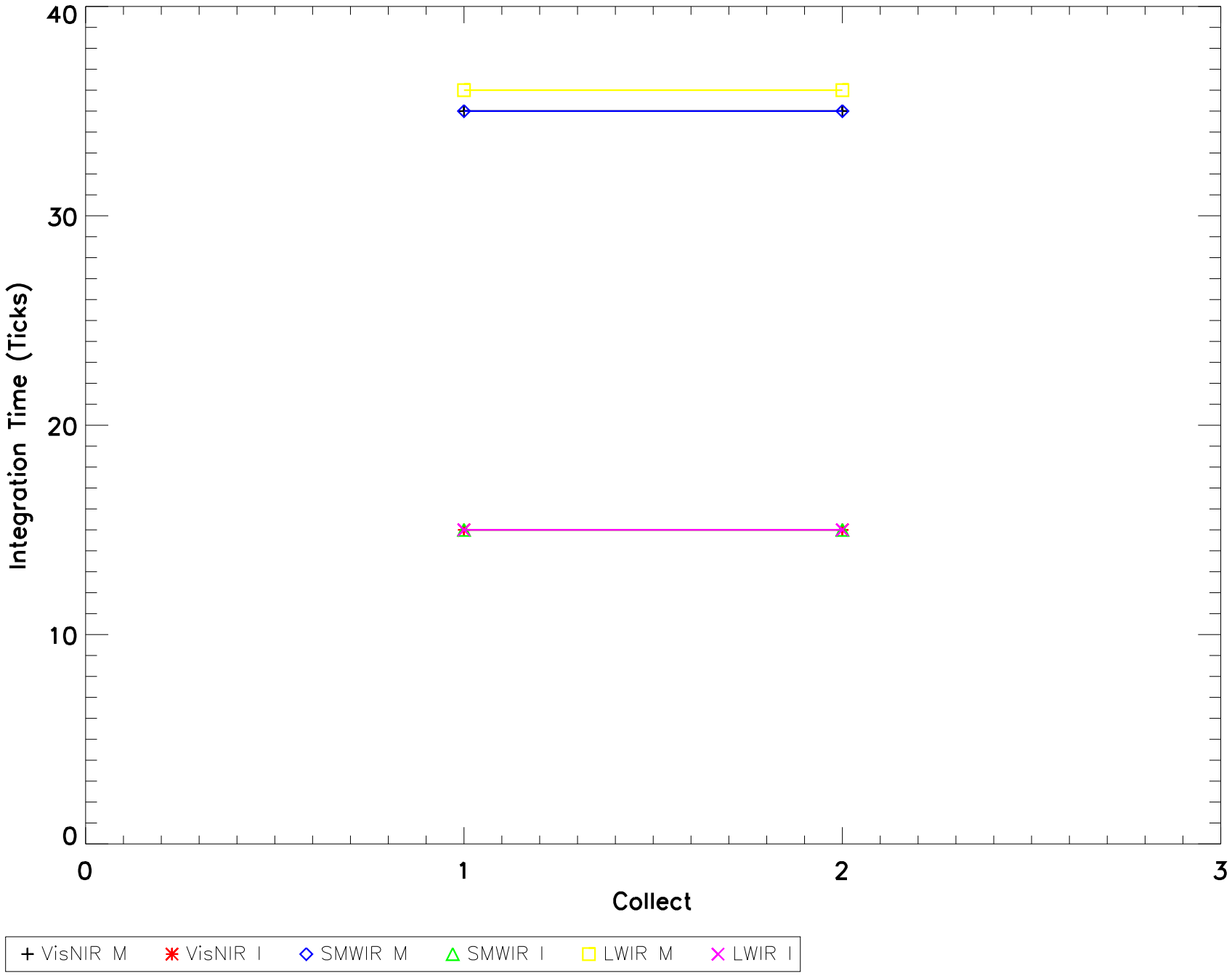
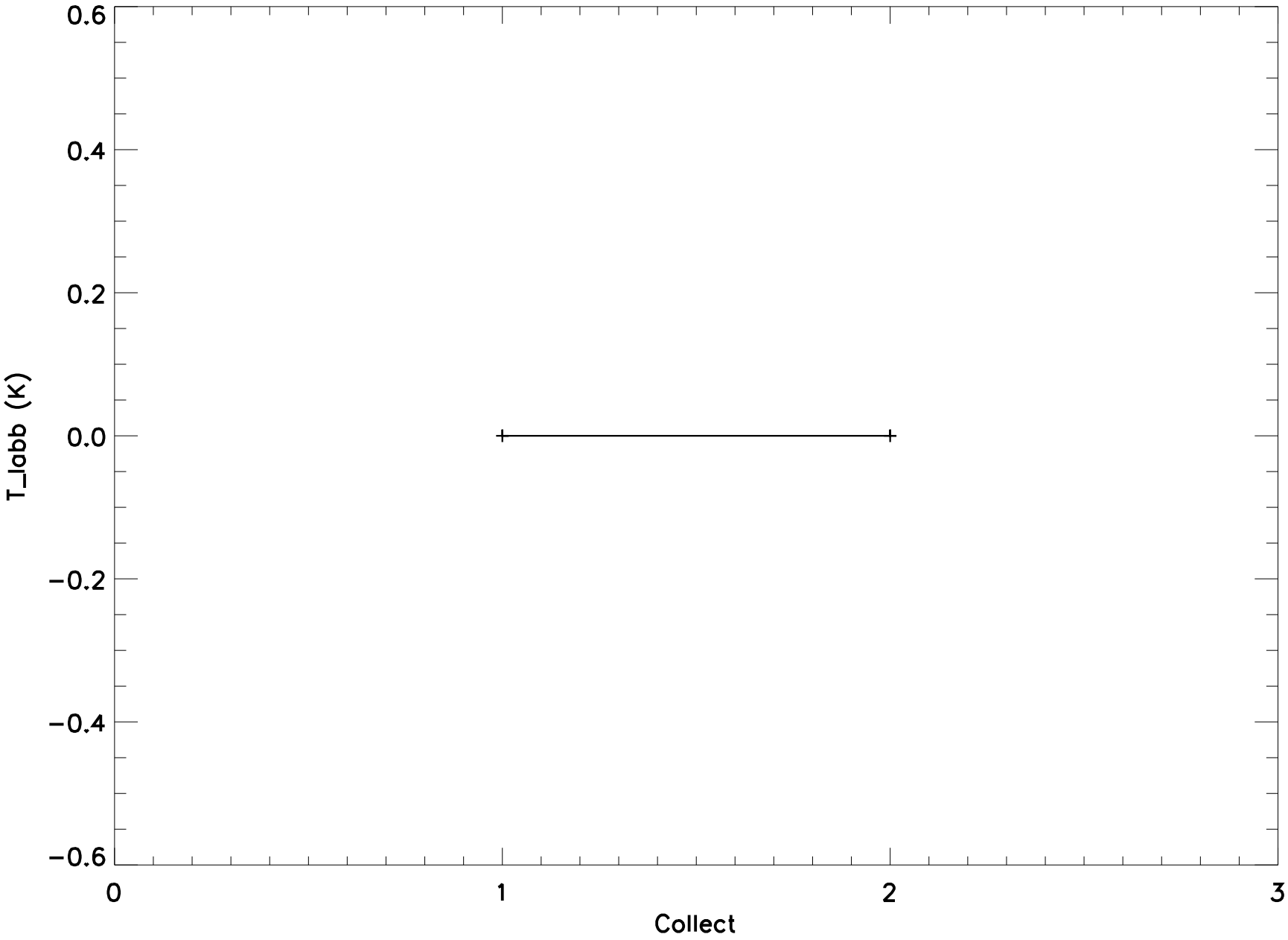
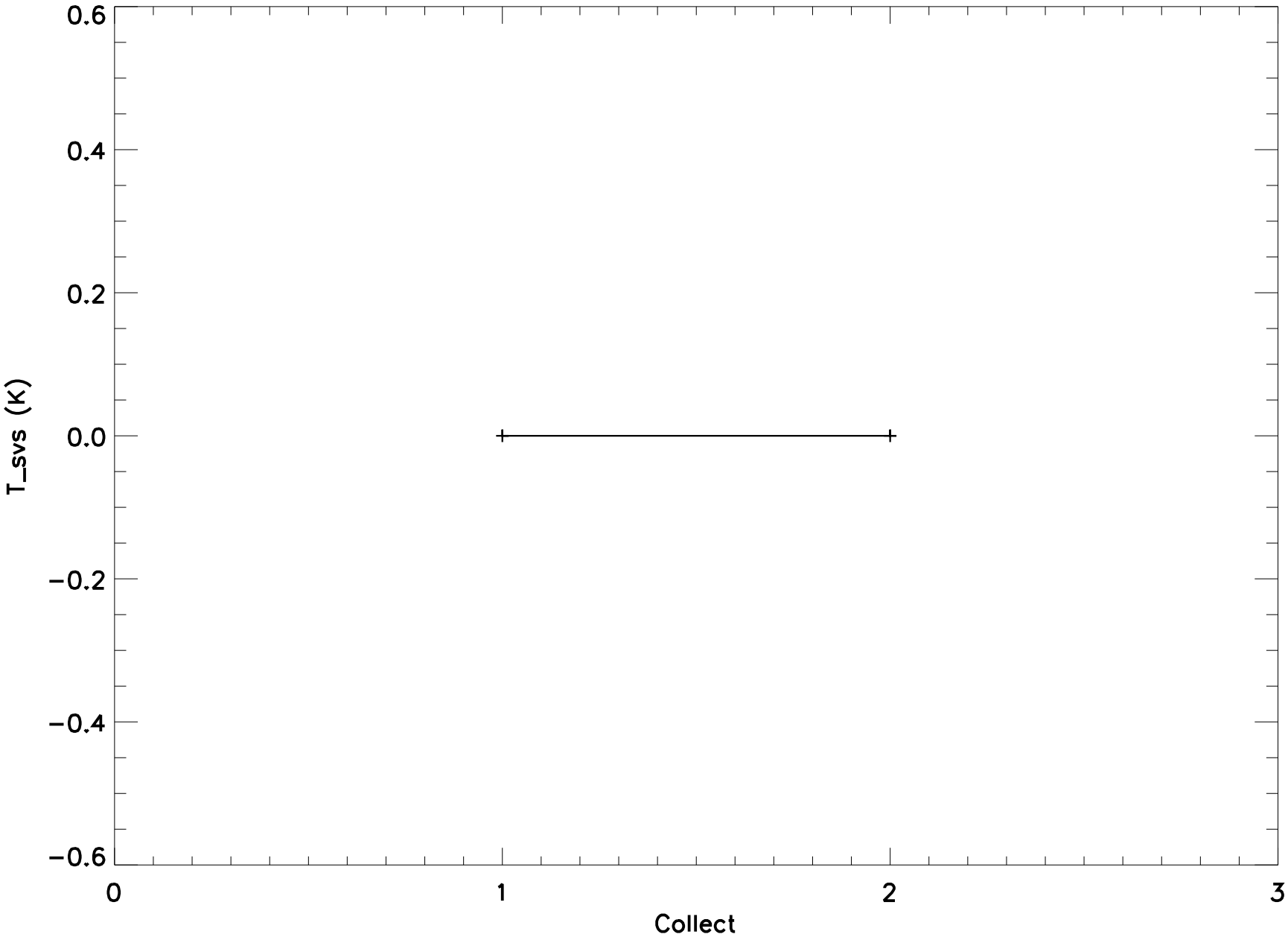
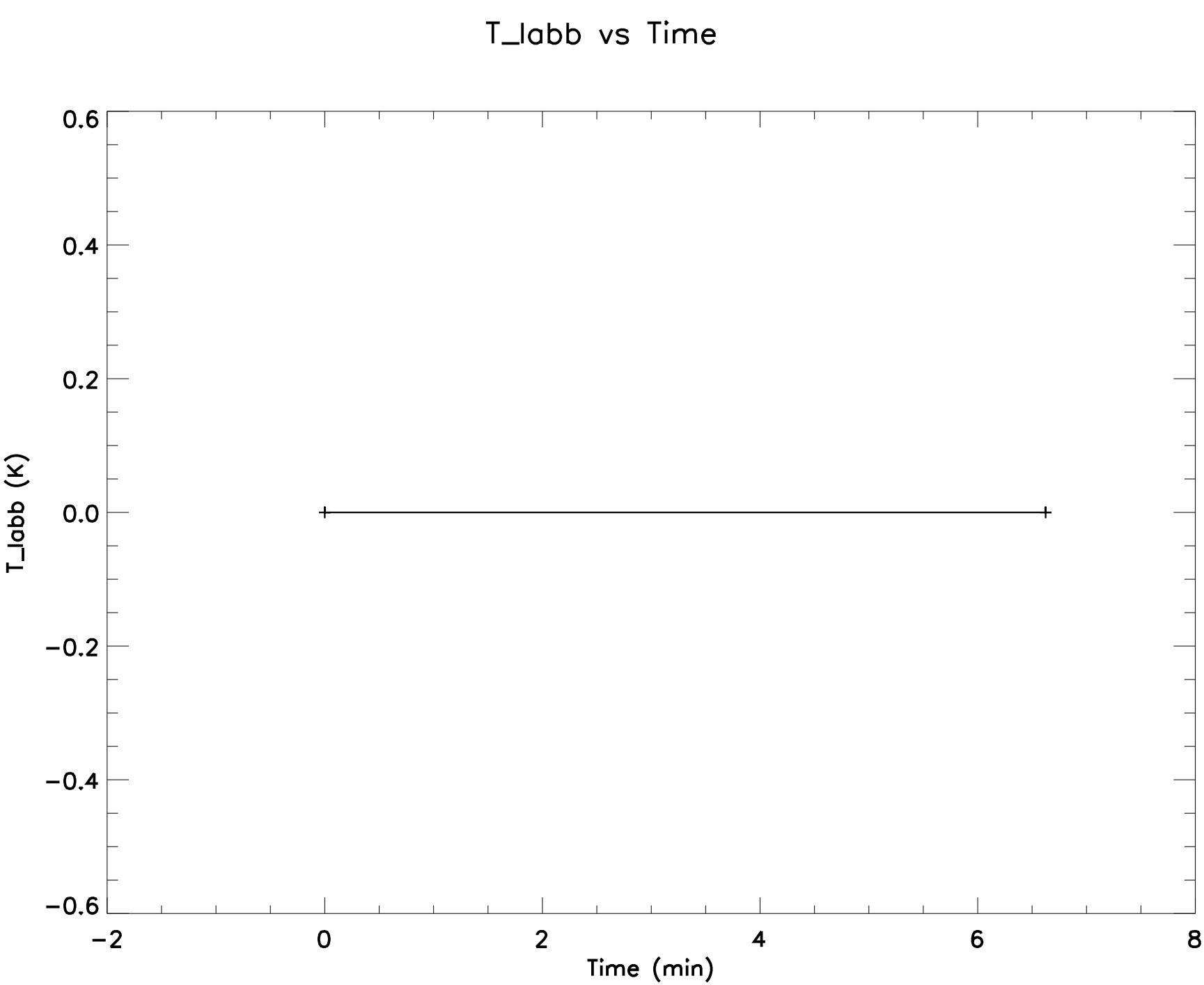
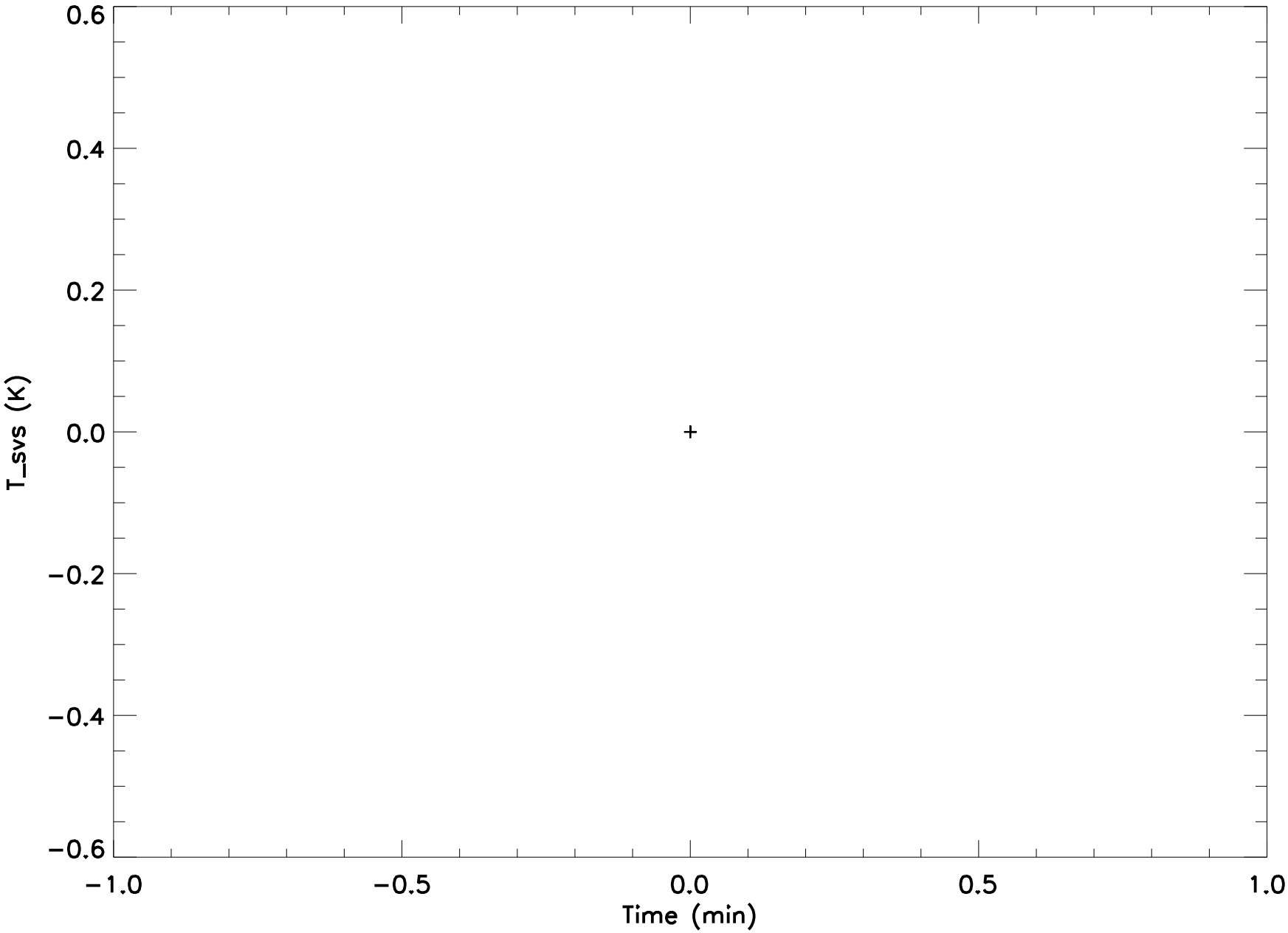
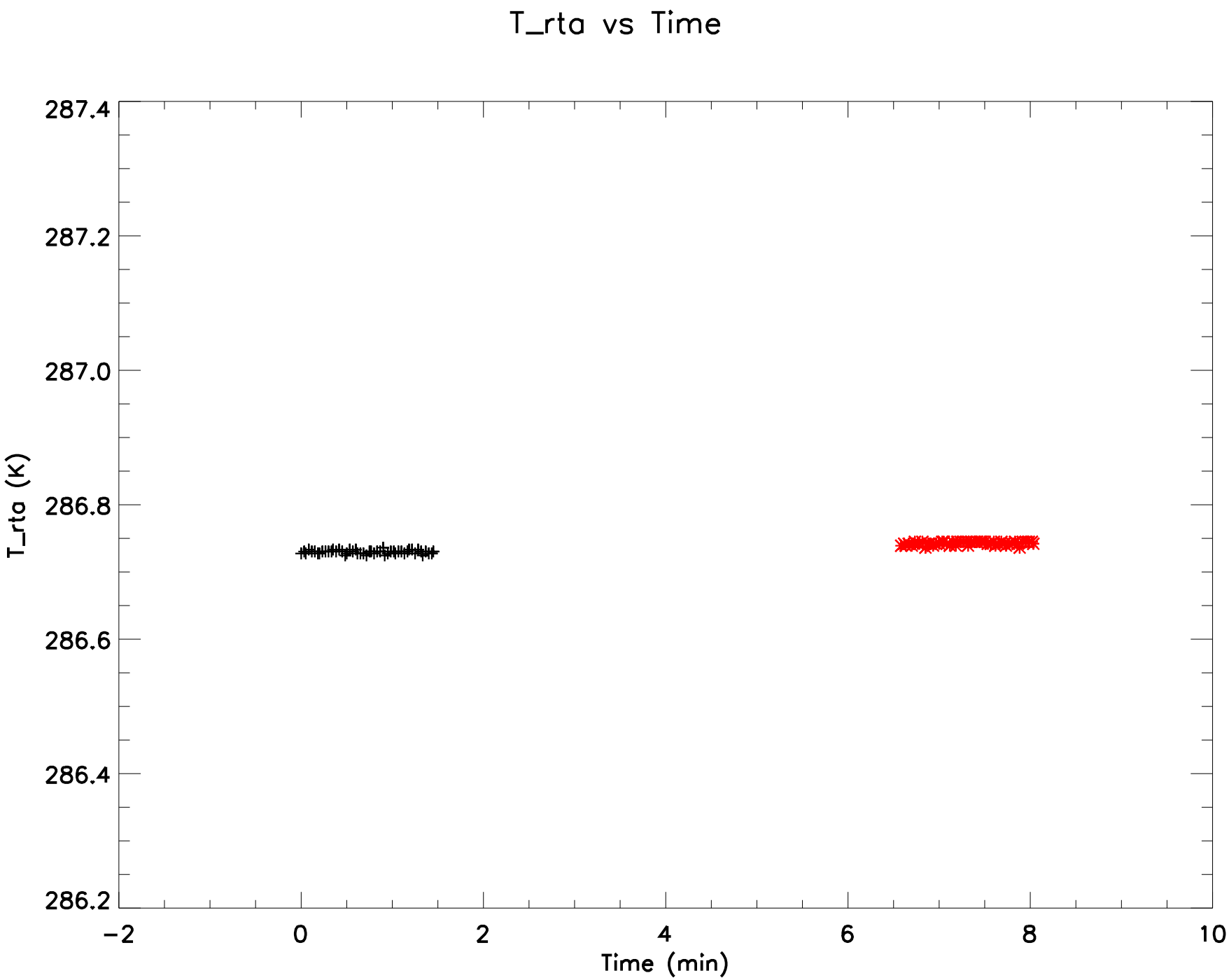

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
1
2
3
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

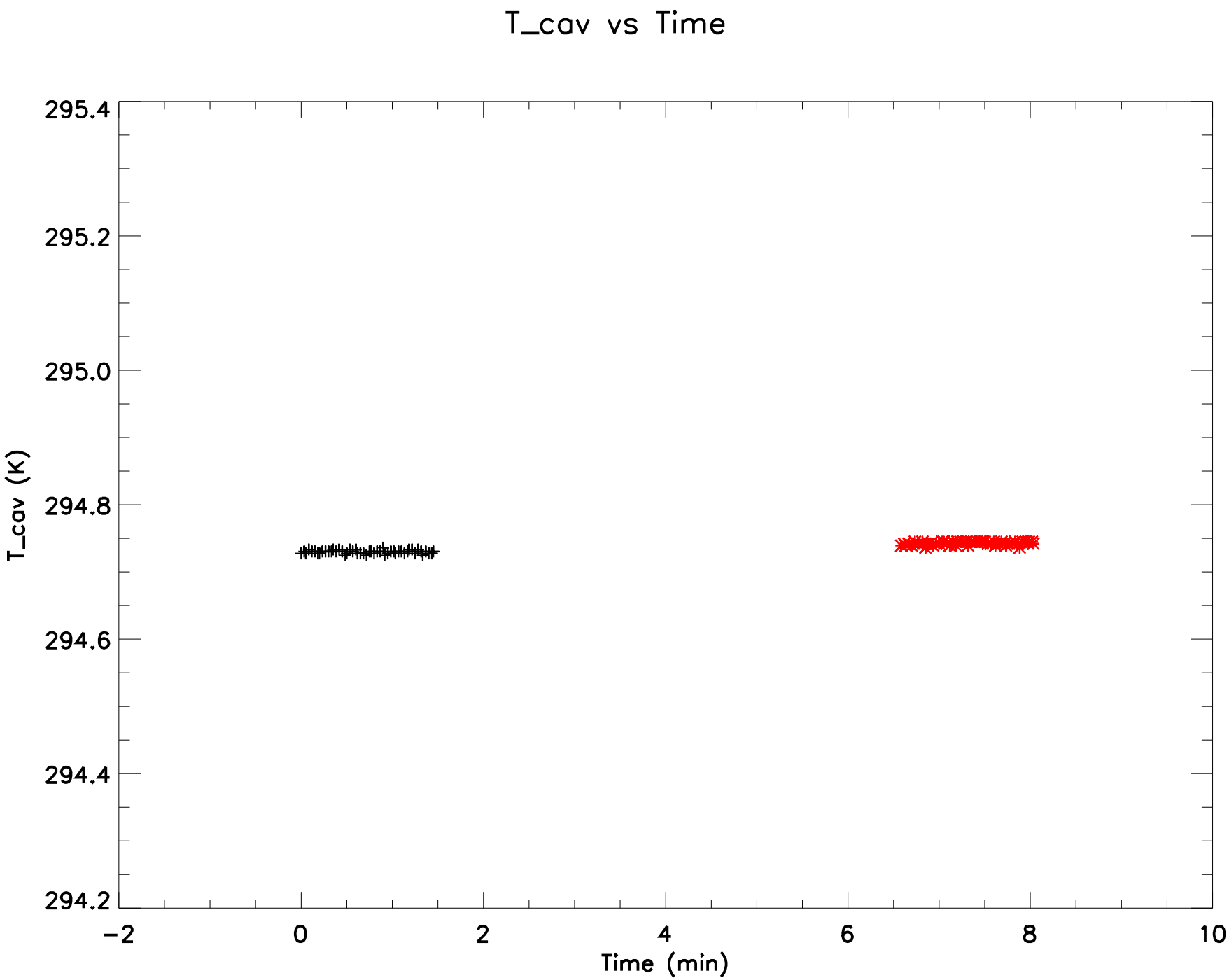

T_labb vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
0
1
2
3
Collect

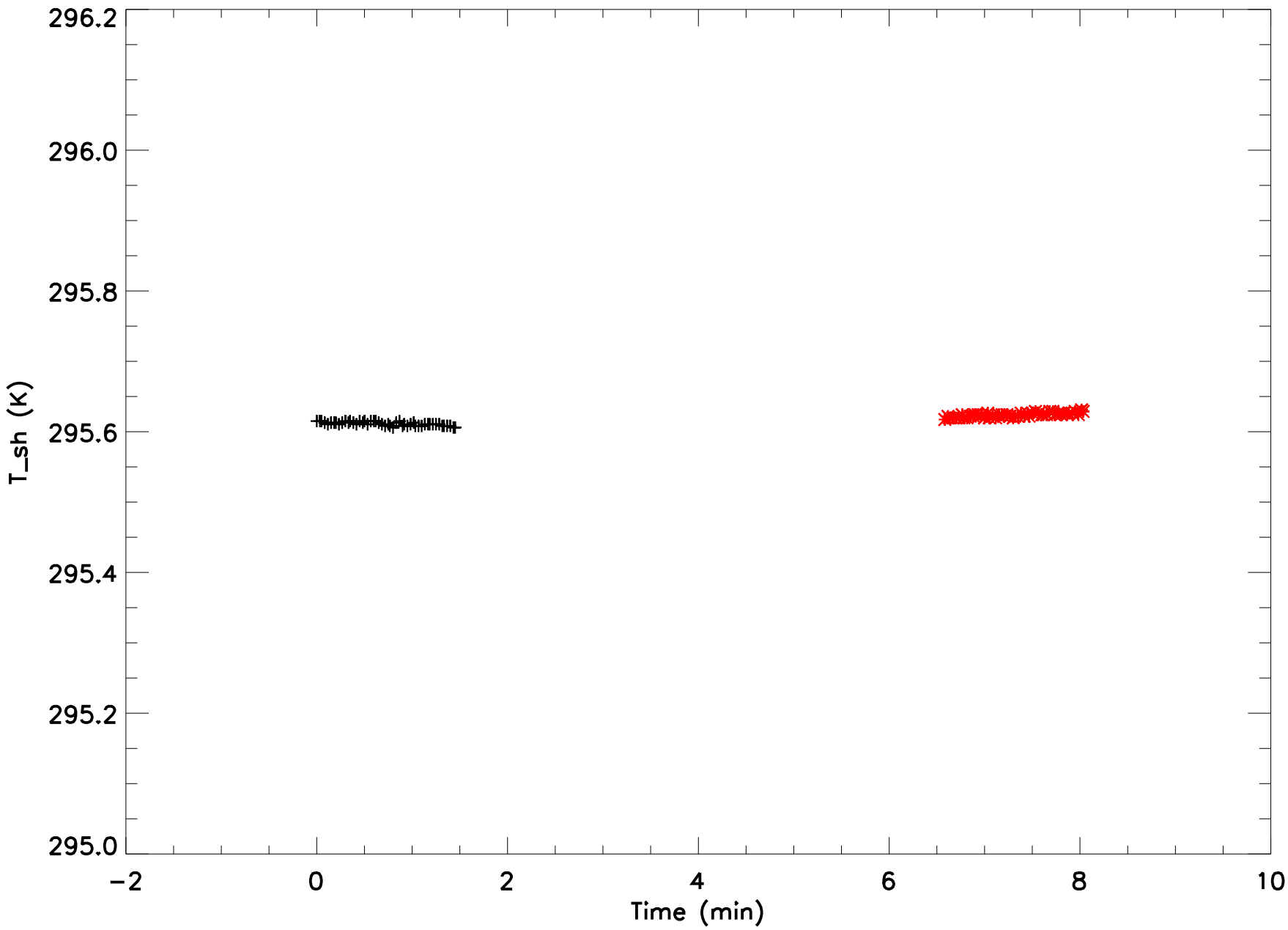

T_svs vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
0
1
2
3
Collect

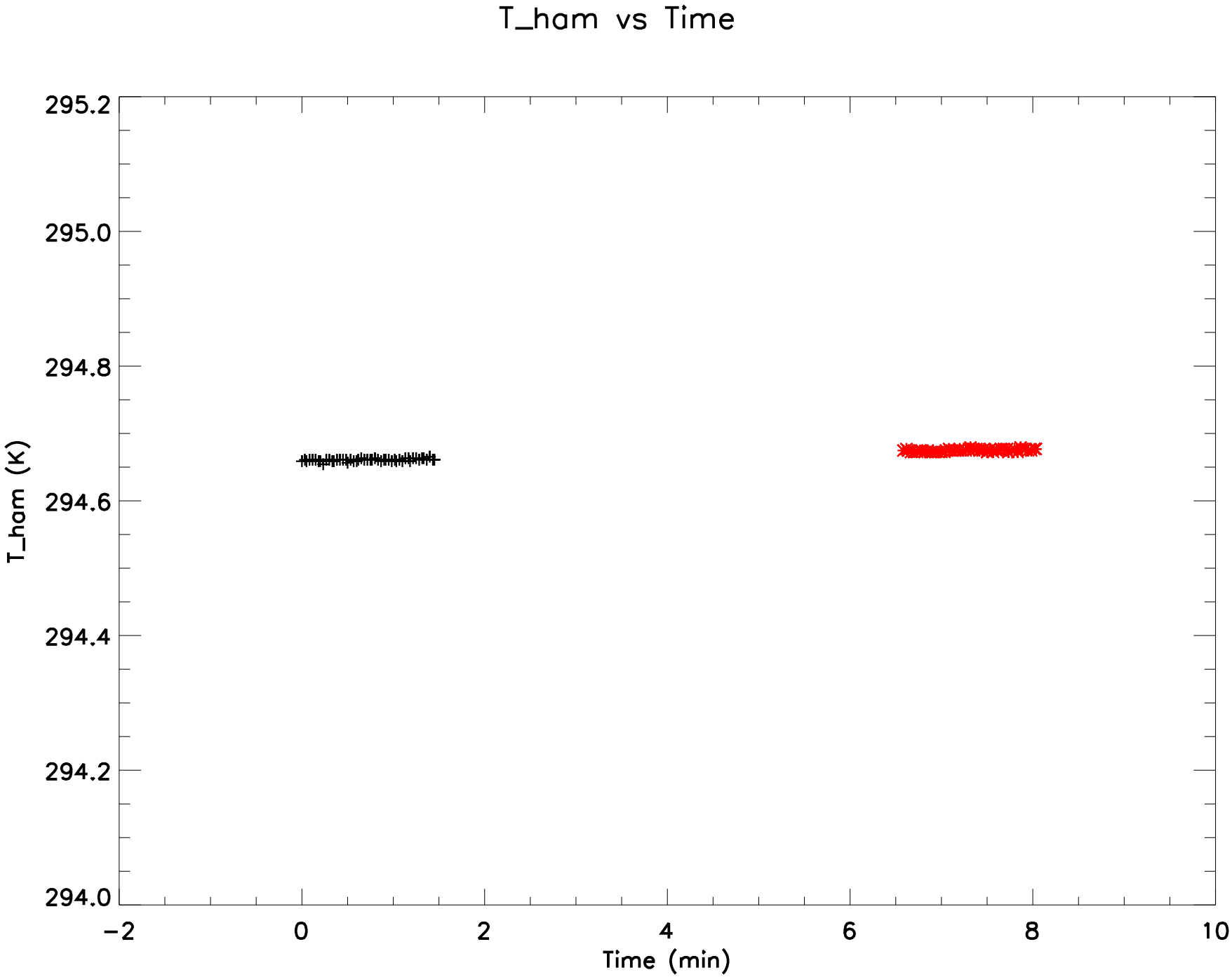

T_labb vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
−2
0
2
4
6
8
Time (min)

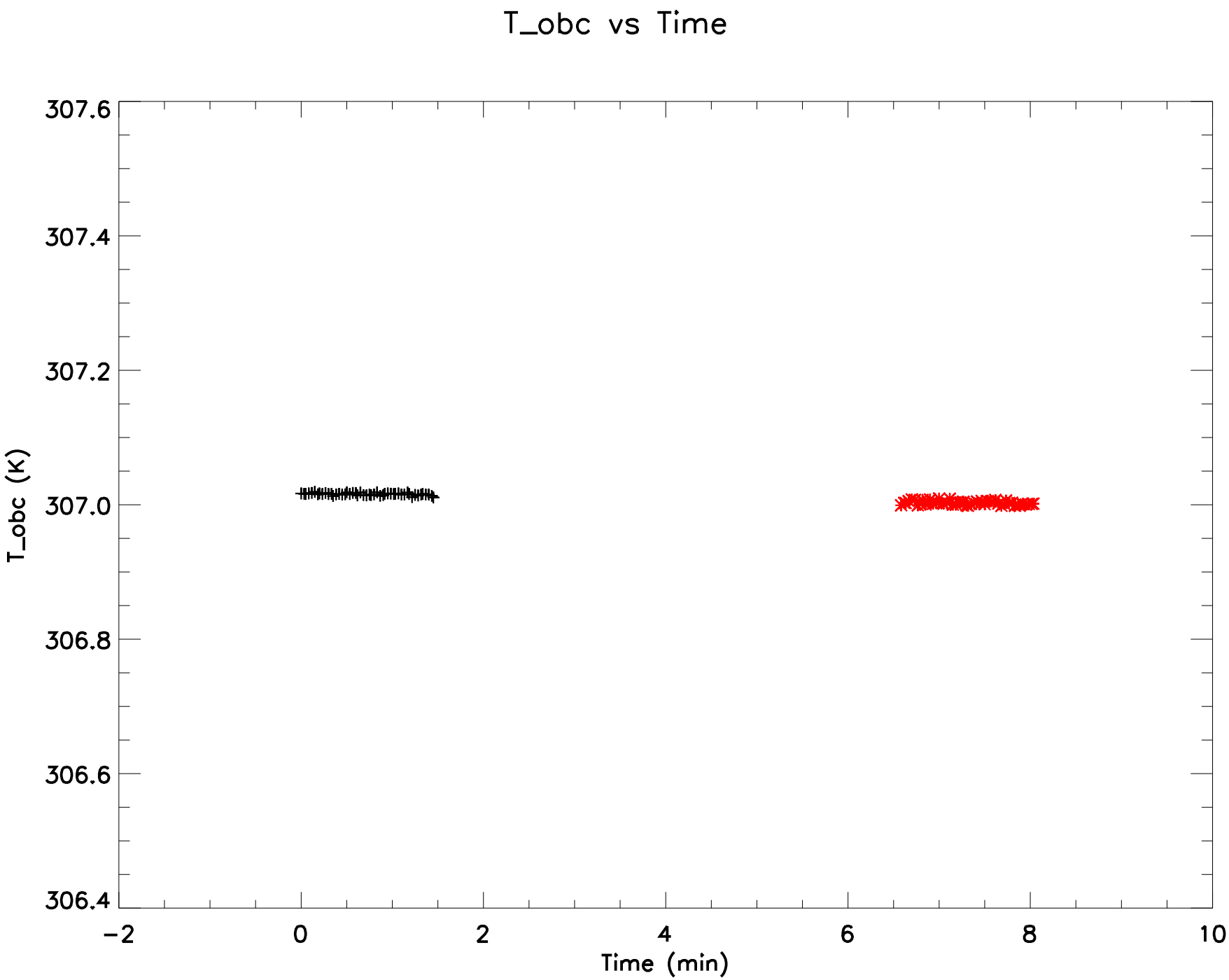

T_svs vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)


T_rta vs Time
287.4
287.2
287.0
286.8
286.6
286.4
286.2
T_rta (K)
−2
0
2
4
6
8
10
Time (min)

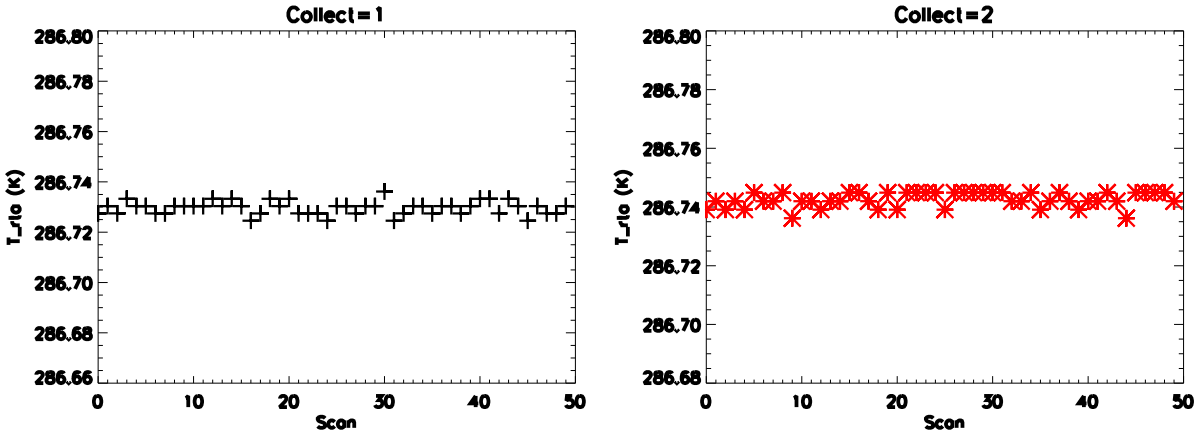

T_cav vs Time
295.4
295.2
295.0
294.8
294.6
294.4
294.2
T_cav (K)
−2
0
2
4
6
8
10
Time (min)


T_sh vs Time
296.2
296.0
295.8
295.6
295.4
295.2
295.0
T_sh (K)
−2
0
2
4
6
8
10
Time (min)

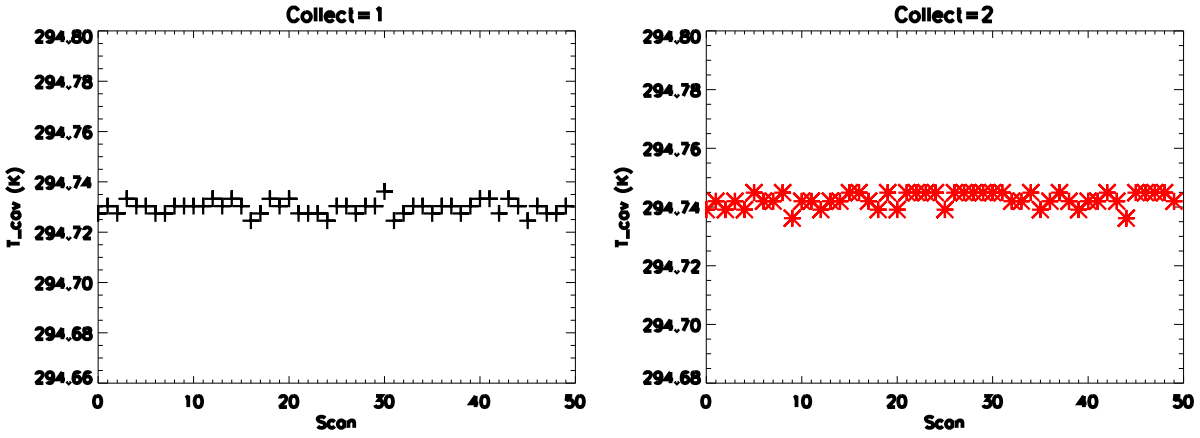

T_ham vs Time
295.2
295.0
294.8
294.6
294.4
294.2
294.0
T_ham (K)
−2
0
2
4
6
8
10
Time (min)


T_obc vs Time
307.6
307.4
307.2
307.0
306.8
306.6
306.4
T_obc (K)
−2
0
2
4
6
8
10
Time (min)

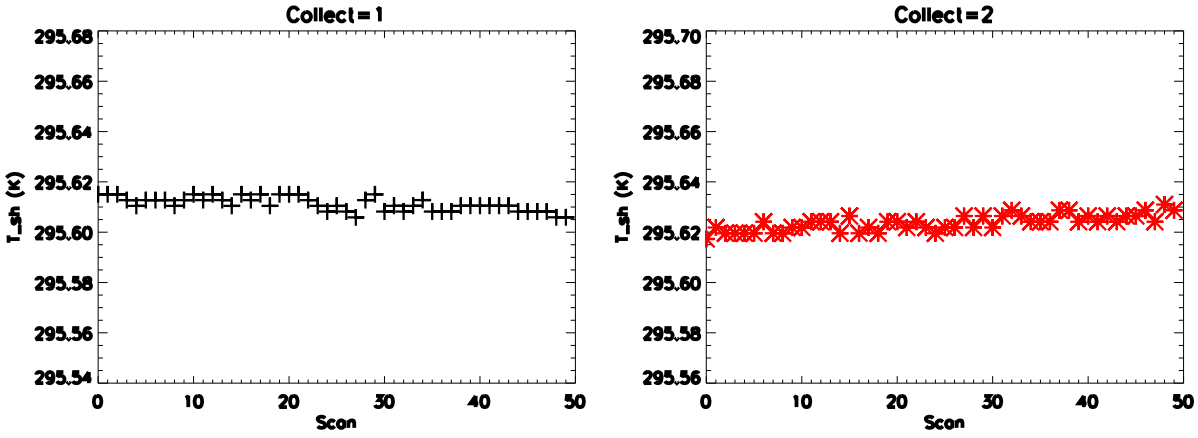
T_rta vs Scan


Collect = 1
Collect = 2
T_rta (K)
Scan
286.80
286.78
286.76
286.74
286.72
286.70
286.68
286.66
0
10
20
30
40
50

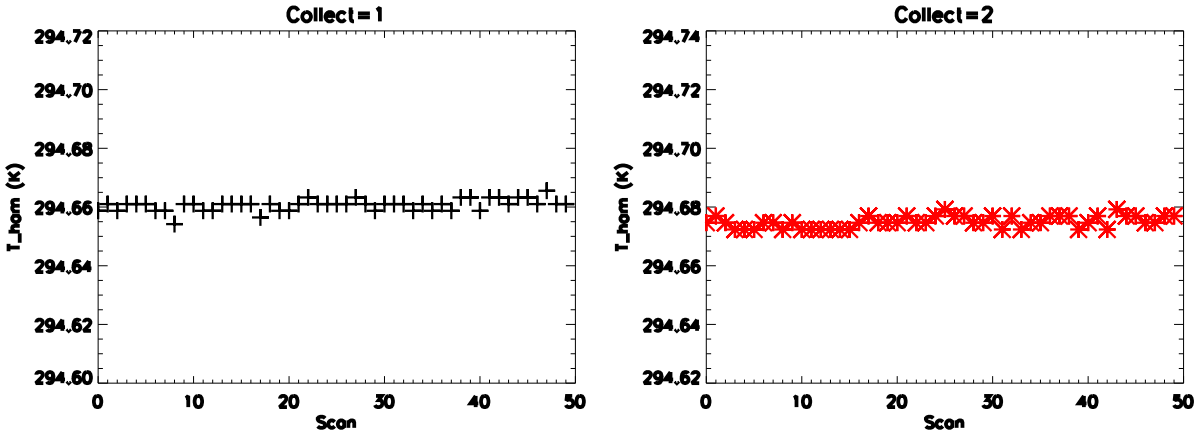
T_cav vs Scan


Collect = 1
Collect = 2
T_cav (K)
Scan
294.80
294.78
294.76
294.74
294.72
294.70
294.68
294.66
0
10
20
30
40
50

T_sh vs Scan

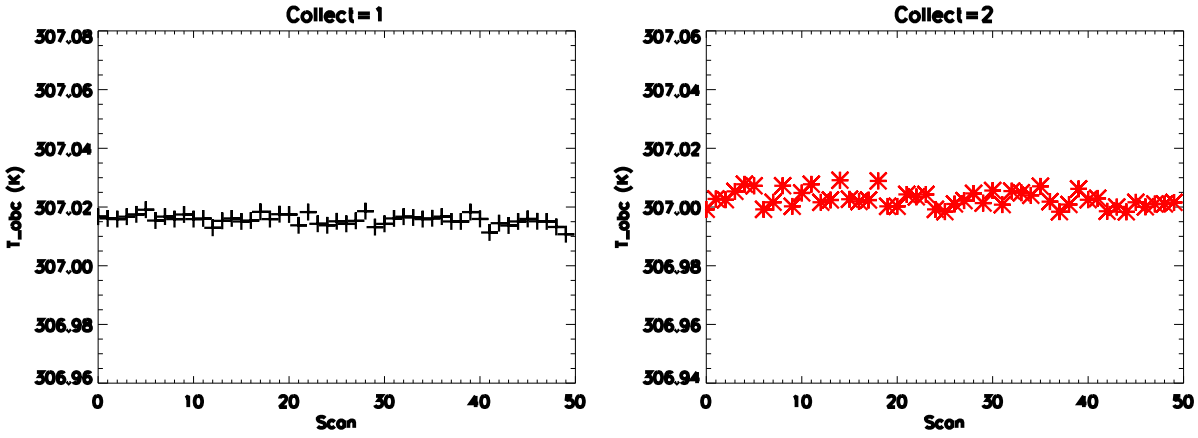

Collect = 1
T_sh (K)
295.68
295.66
295.64
295.62
295.60
295.58
295.56
295.54
0
10
20
30
40
50
Scan
Collect = 2
T_sh (K)
295.70
295.68
295.66
295.64
295.62
295.60
295.58
295.56
0
10
20
30
40
50
Scan

T_ham vs Scan

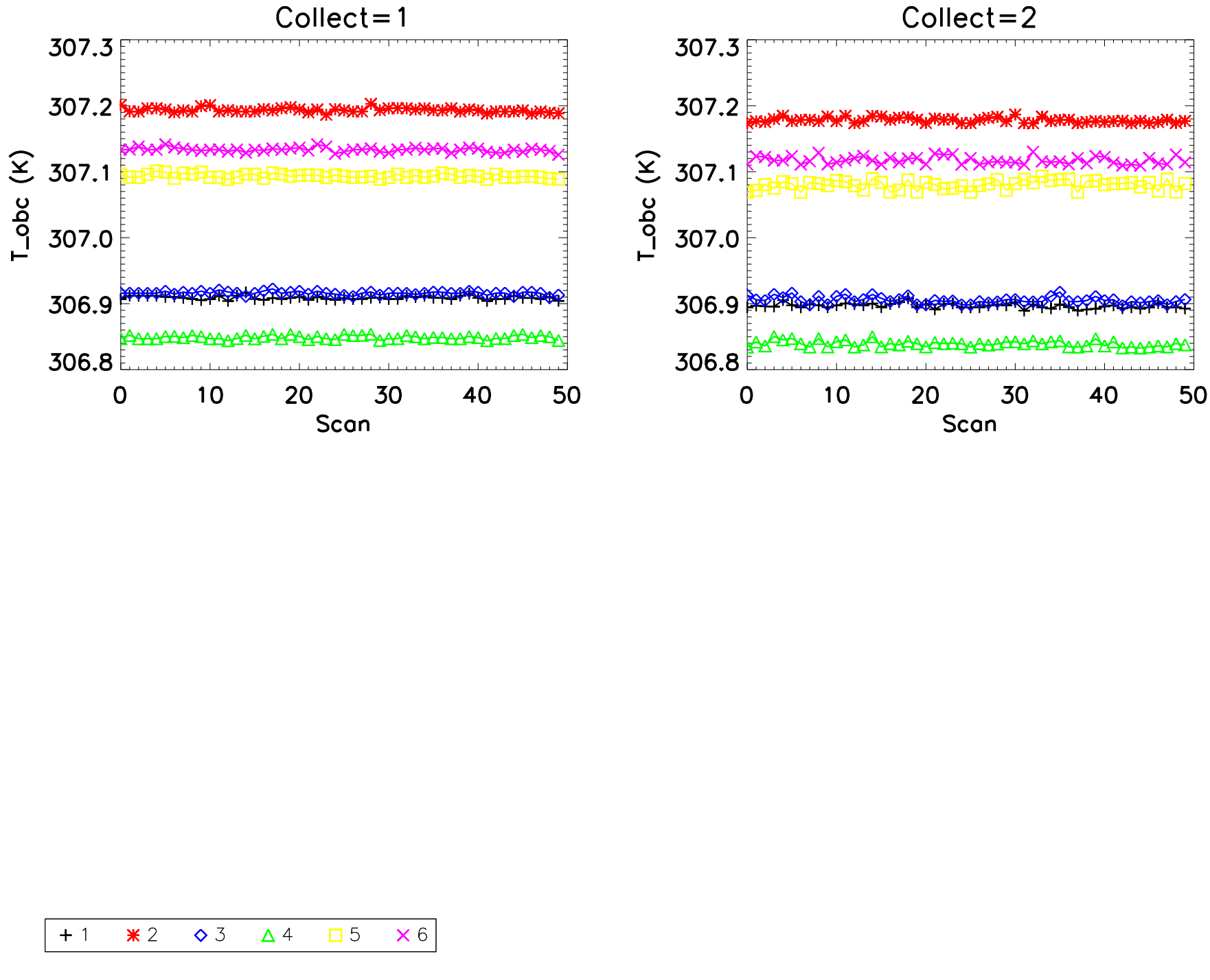

Collect = 1
T_ham (K)
294.72
294.70
294.68
294.66
294.64
294.62
294.60
0
10
20
30
40
50
Scan

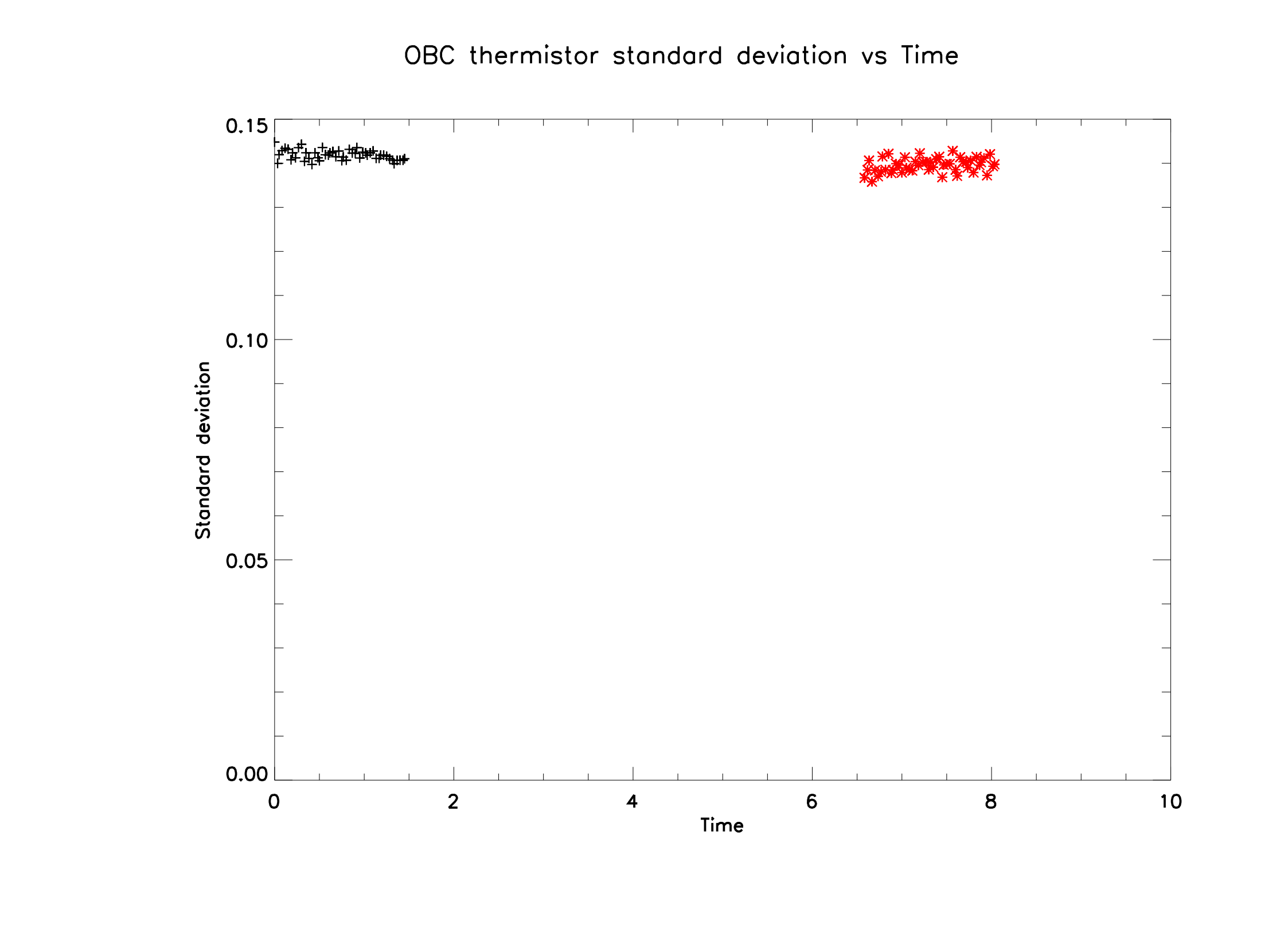
Collect = 2
T_ham (K)
294.74
294.72
294.70
294.68
294.66
294.64
294.62
0
10
20
30
40
50
Scan

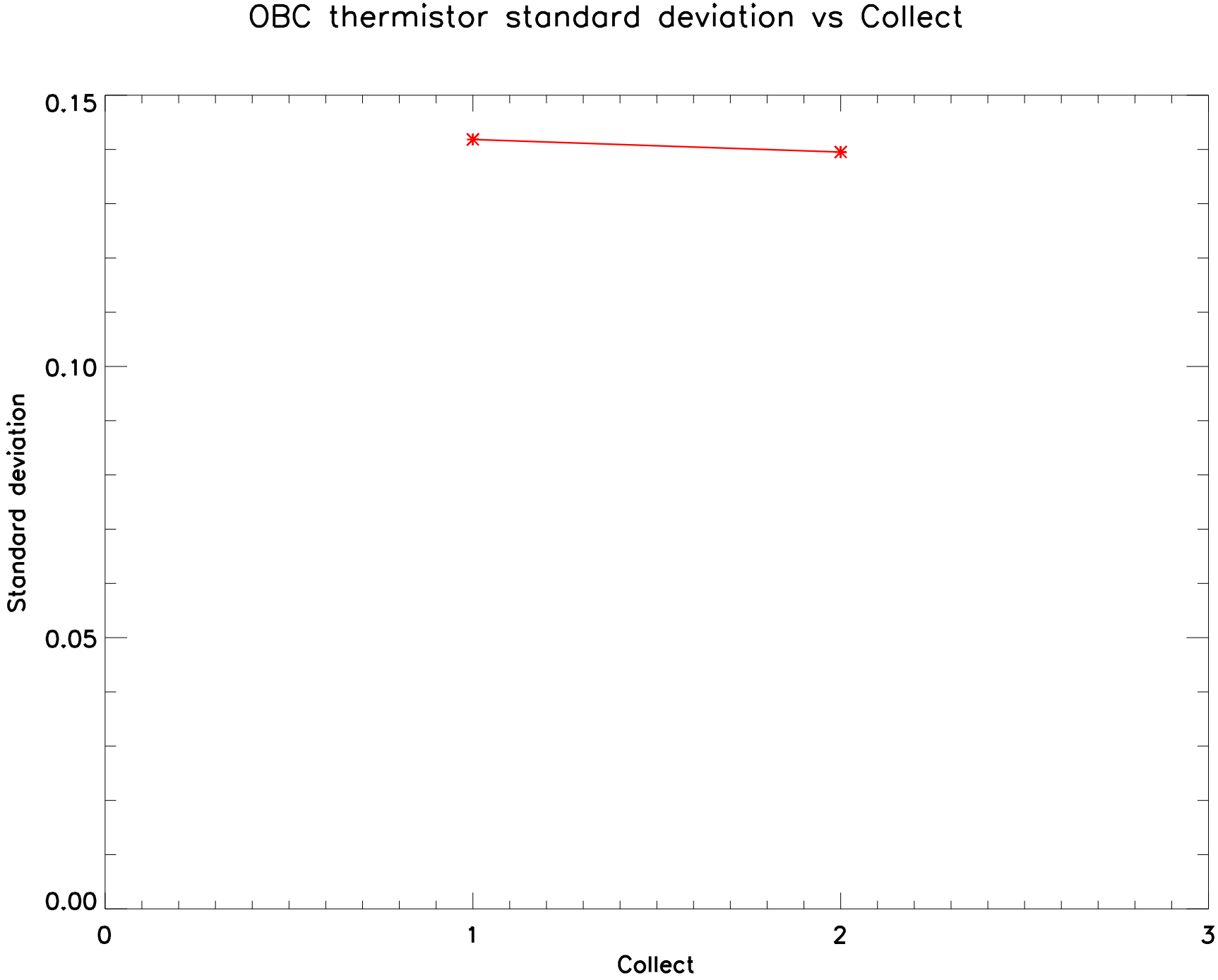
T_obc vs Scan

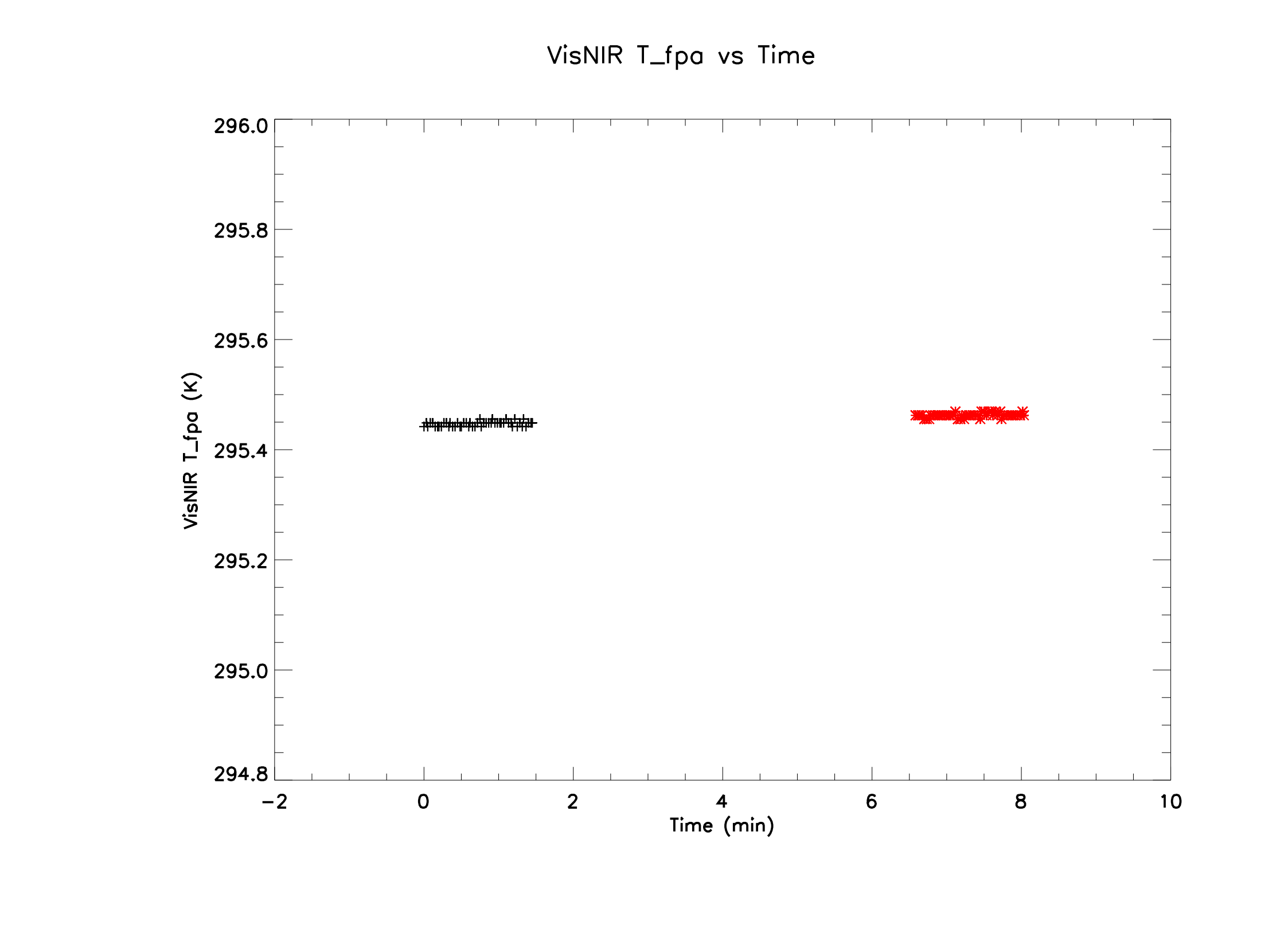

Collect = 1
T_obc (K)
307.08
307.06
307.04
307.02
307.00
306.98
306.96
0
10
20
30
40
50
Scan
Collect = 2
T_obc (K)
307.06
307.04
307.02
307.00
306.98
306.96
306.94
0
10
20
30
40
50
Scan

T_OBC per thermistors vs Scan

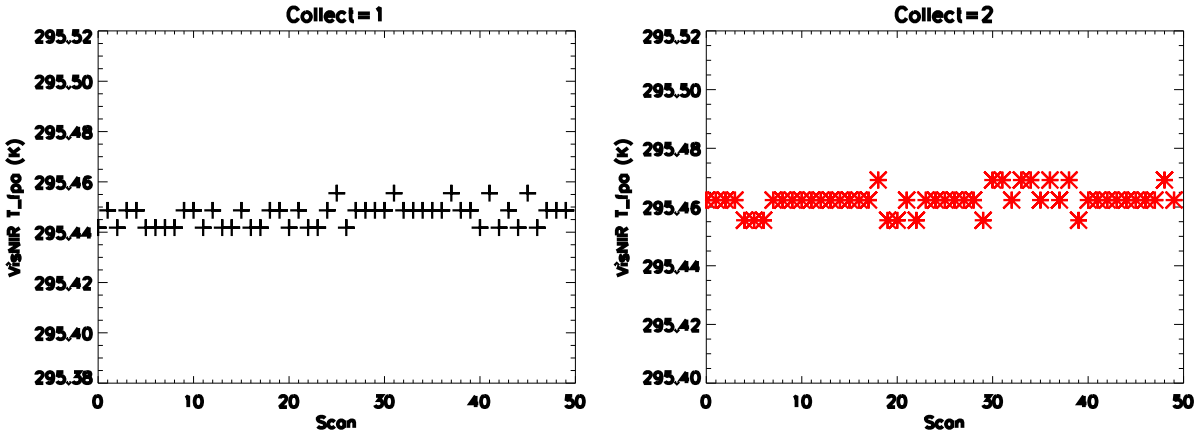


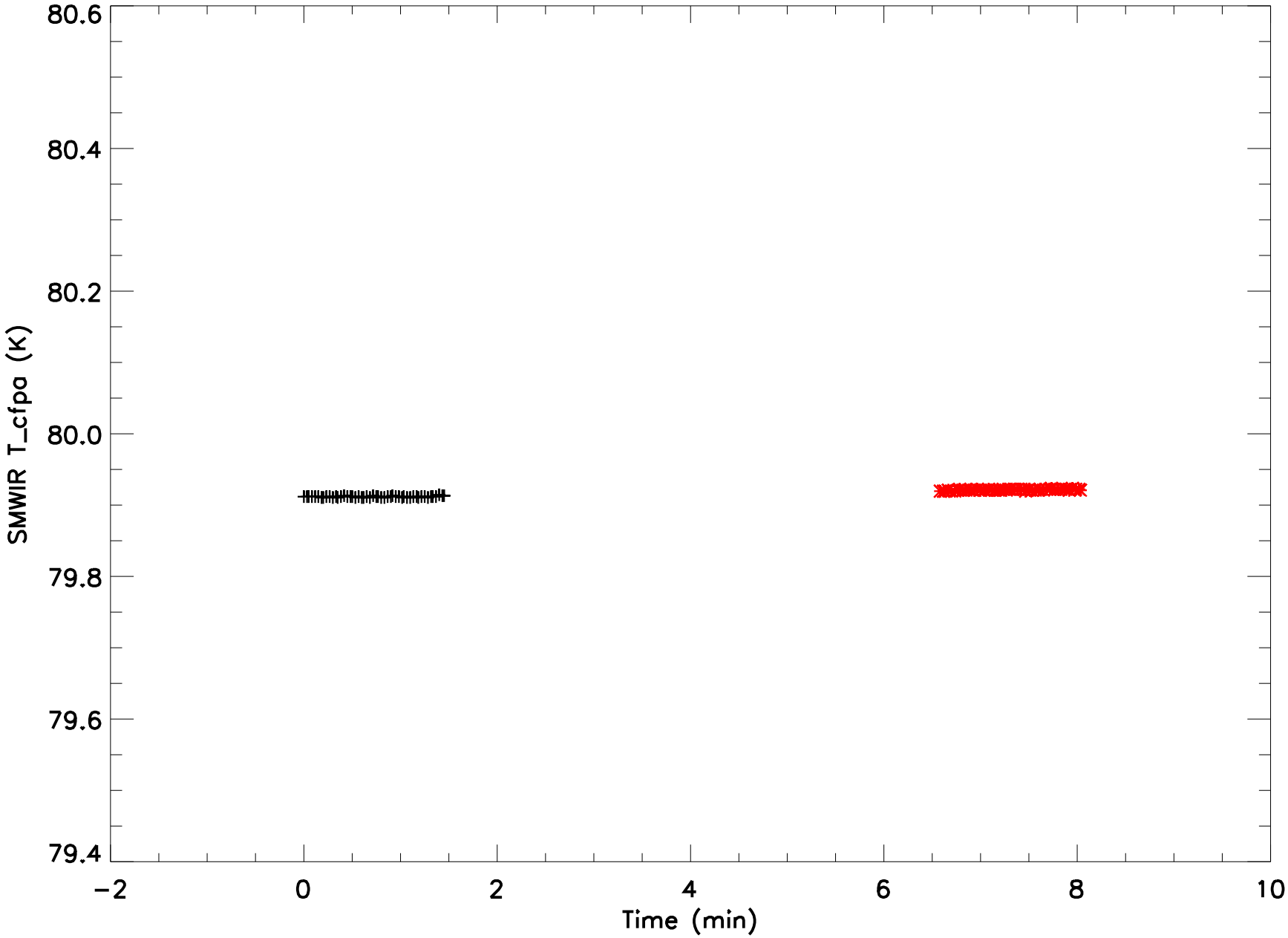

OBC thermistor standard deviation vs Time
Standard deviation
0.15
0.10
0.05
0.00
0
2
4
6
8
10
Time


OBC thermistor standard deviation vs Collect
0.15
0.10
0.05
0.00
Standard deviation
0
1
2
3
Collect

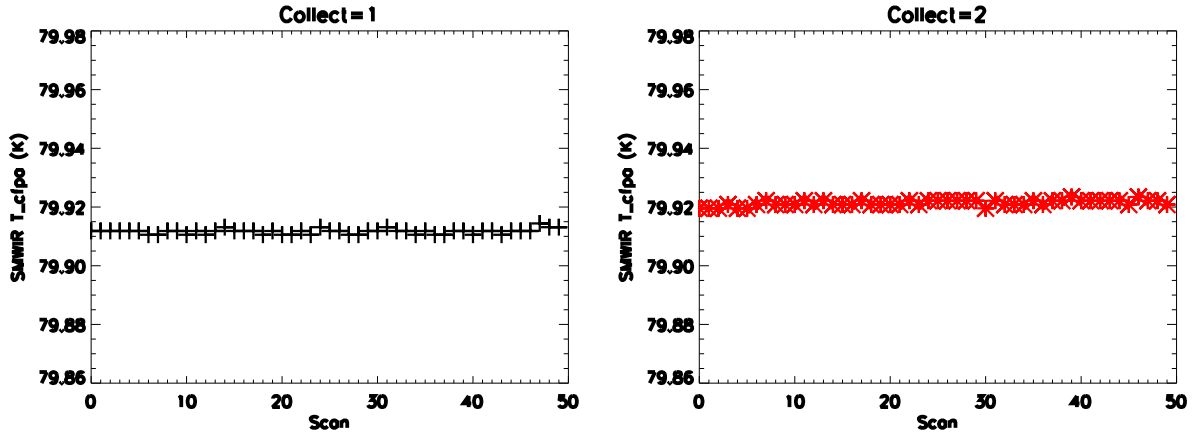

VisNIR T_fpa vs Time
VisNIR T_fpa (K)
296.0
295.8
295.6
295.4
295.2
295.0
294.8
−2
0
2
4
6
8
10
Time (min)

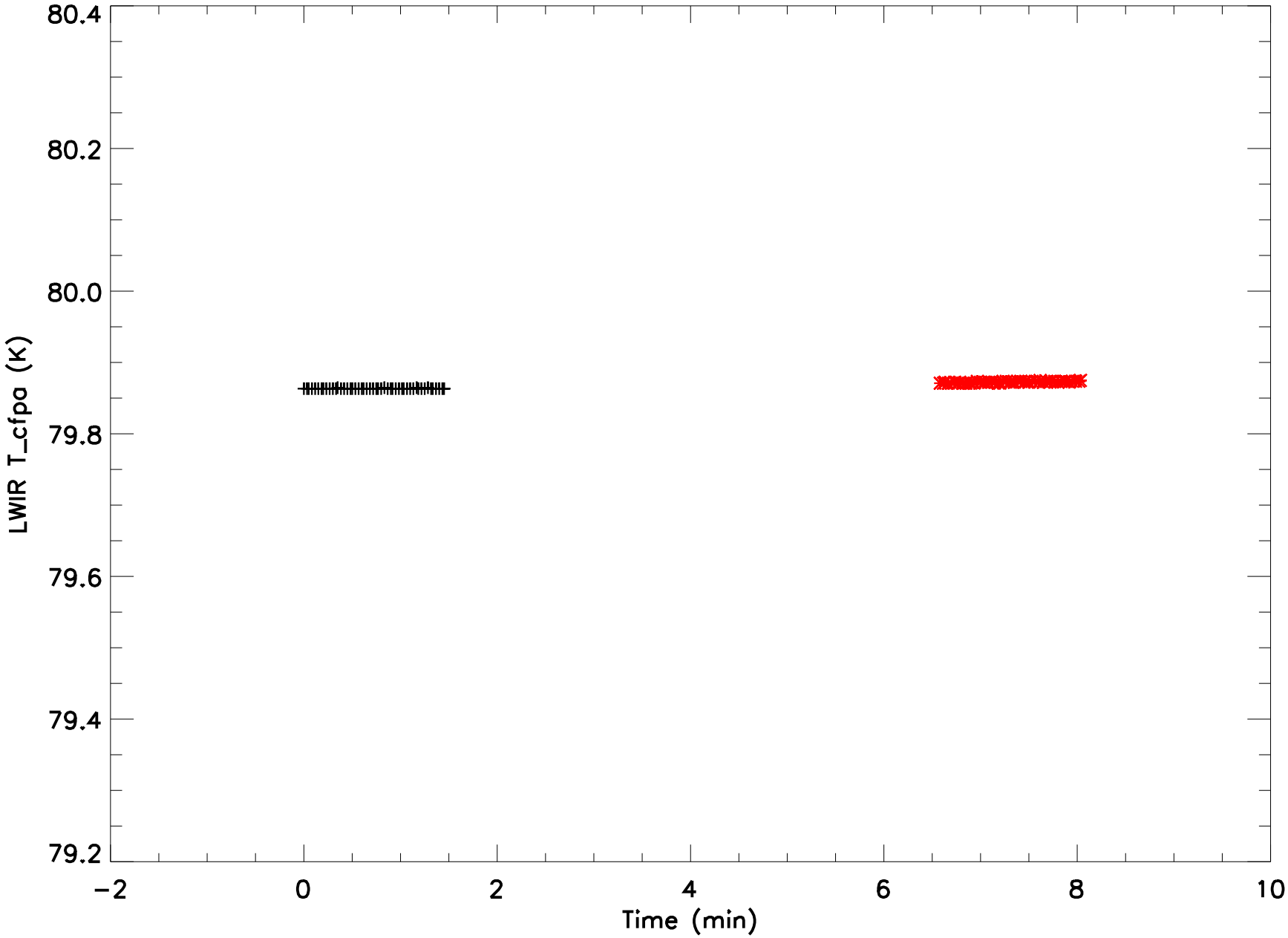
VisNIR T_fpa vs Scan



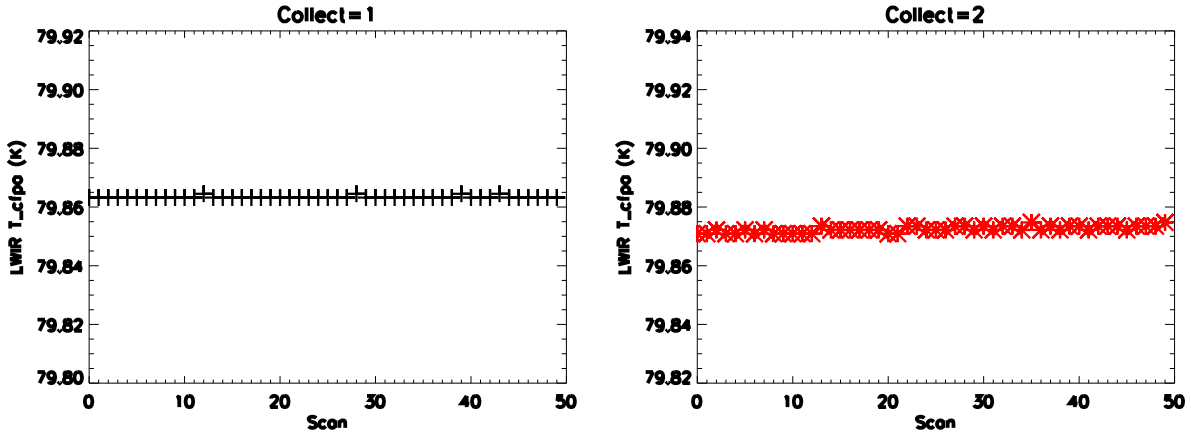

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
80.6
80.4
80.2
80.0
79.8
79.6
79.4
−2
0
2
4
6
8
10
Time (min)

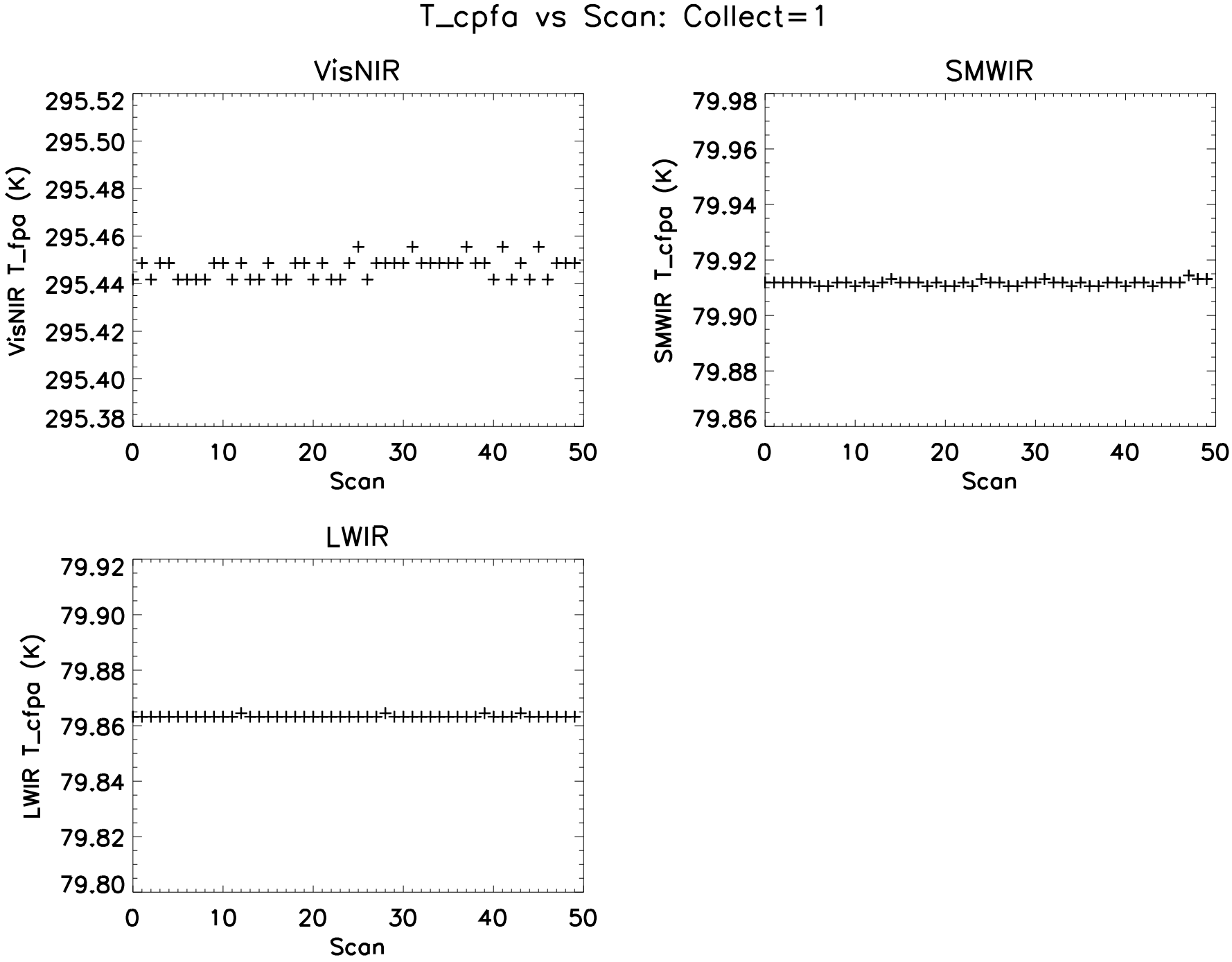
SMWIR T_cfpa vs Scan

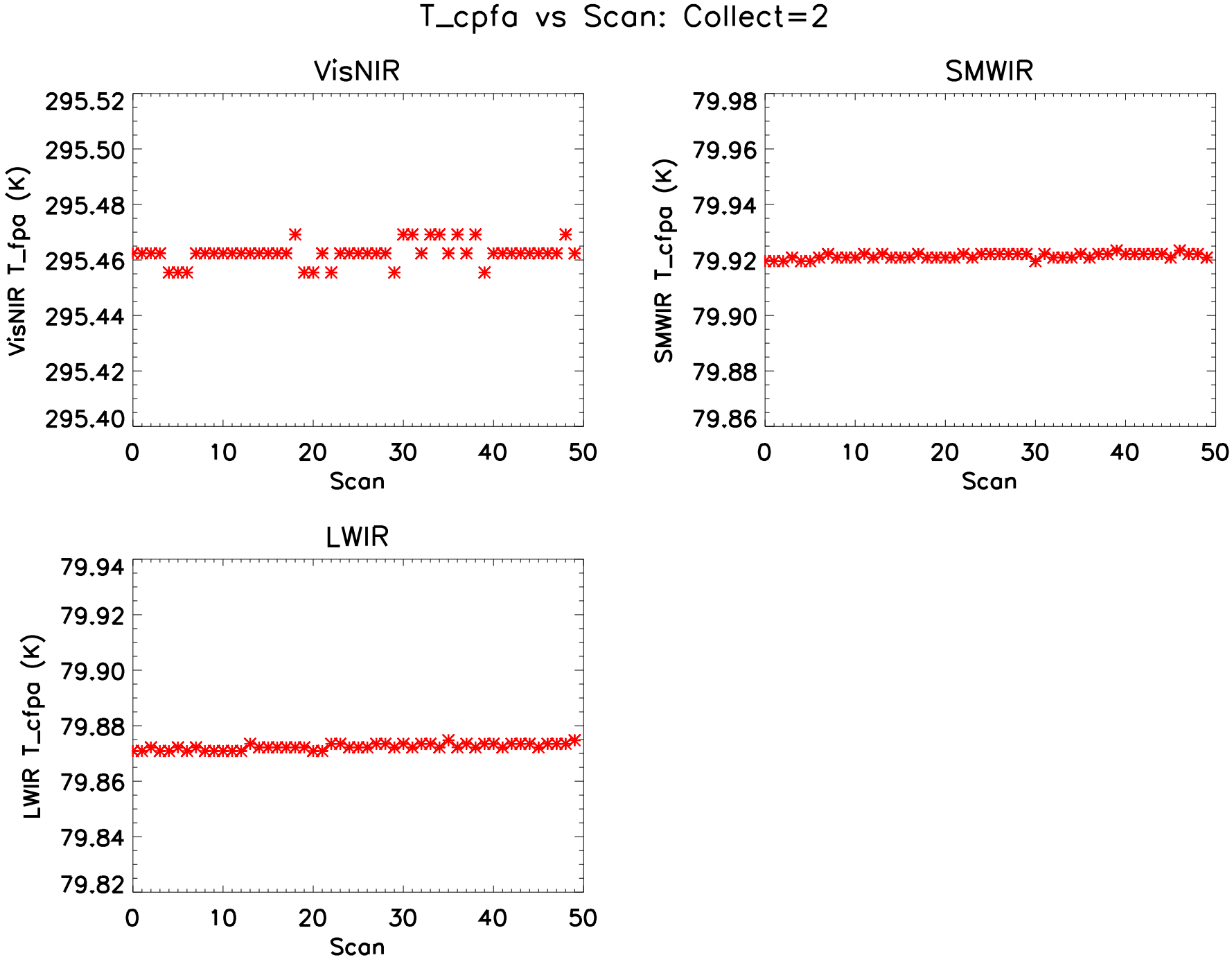


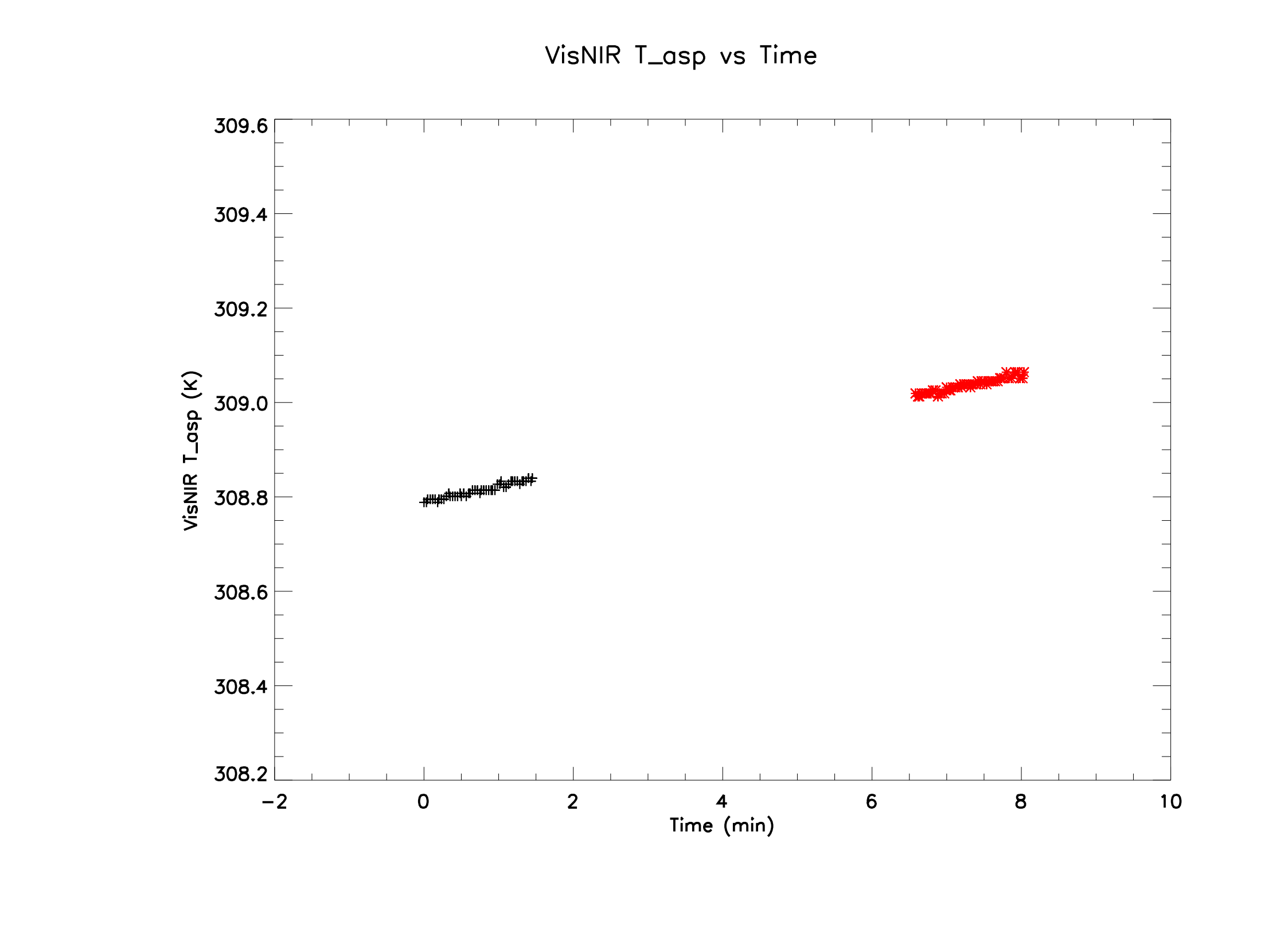

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
80.4
80.2
80.0
79.8
79.6
79.4
79.2
−2
0
2
4
6
8
10
Time (min)

LWIR T_cfpa vs Scan

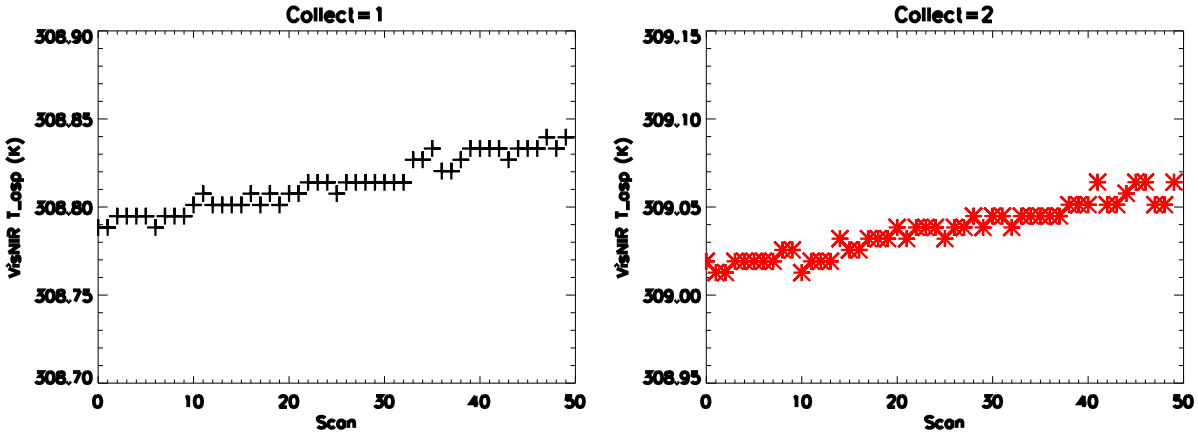


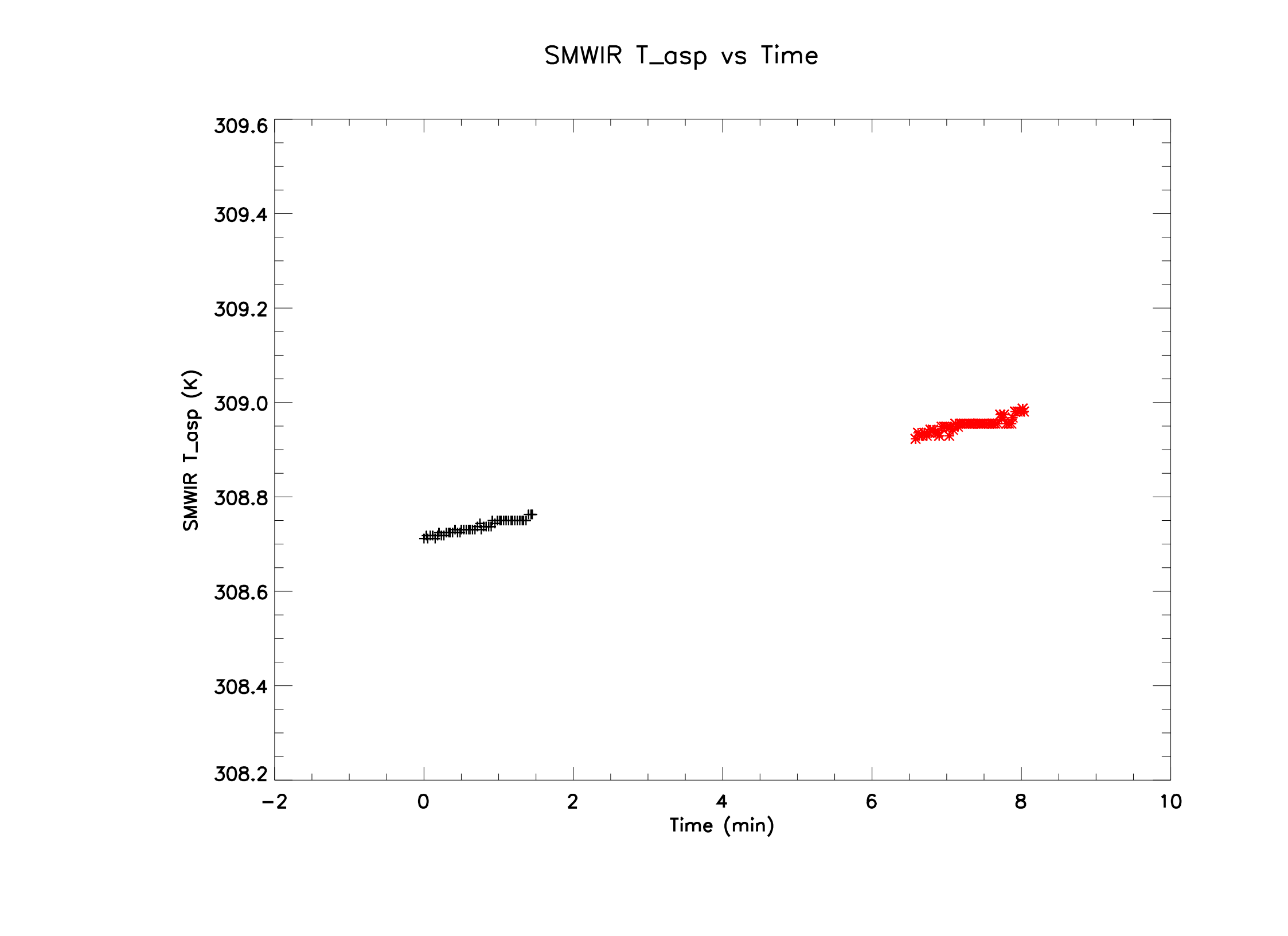

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
295.52
295.50
295.48
295.46
295.44
295.42
295.40
295.38
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
79.98
79.96
79.94
79.92
79.90
79.88
79.86
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
79.92
79.90
79.88
79.86
79.84
79.82
79.80
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
295.52
295.50
295.48
295.46
295.44
295.42
295.40
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
79.98
79.96
79.94
79.92
79.90
79.88
79.86
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
79.94
79.92
79.90
79.88
79.86
79.84
79.82
0
10
20
30
40
50
Scan

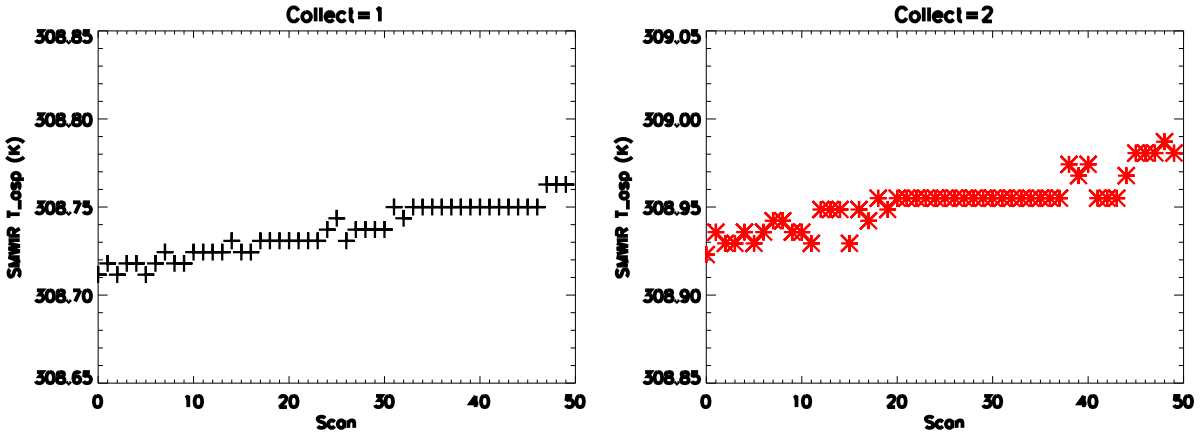

VisNIR T_asp vs Time
VisNIR T_asp (K)
309.6
309.4
309.2
309.0
308.8
308.6
308.4
308.2
−2
0
2
4
6
8
10
Time (min)

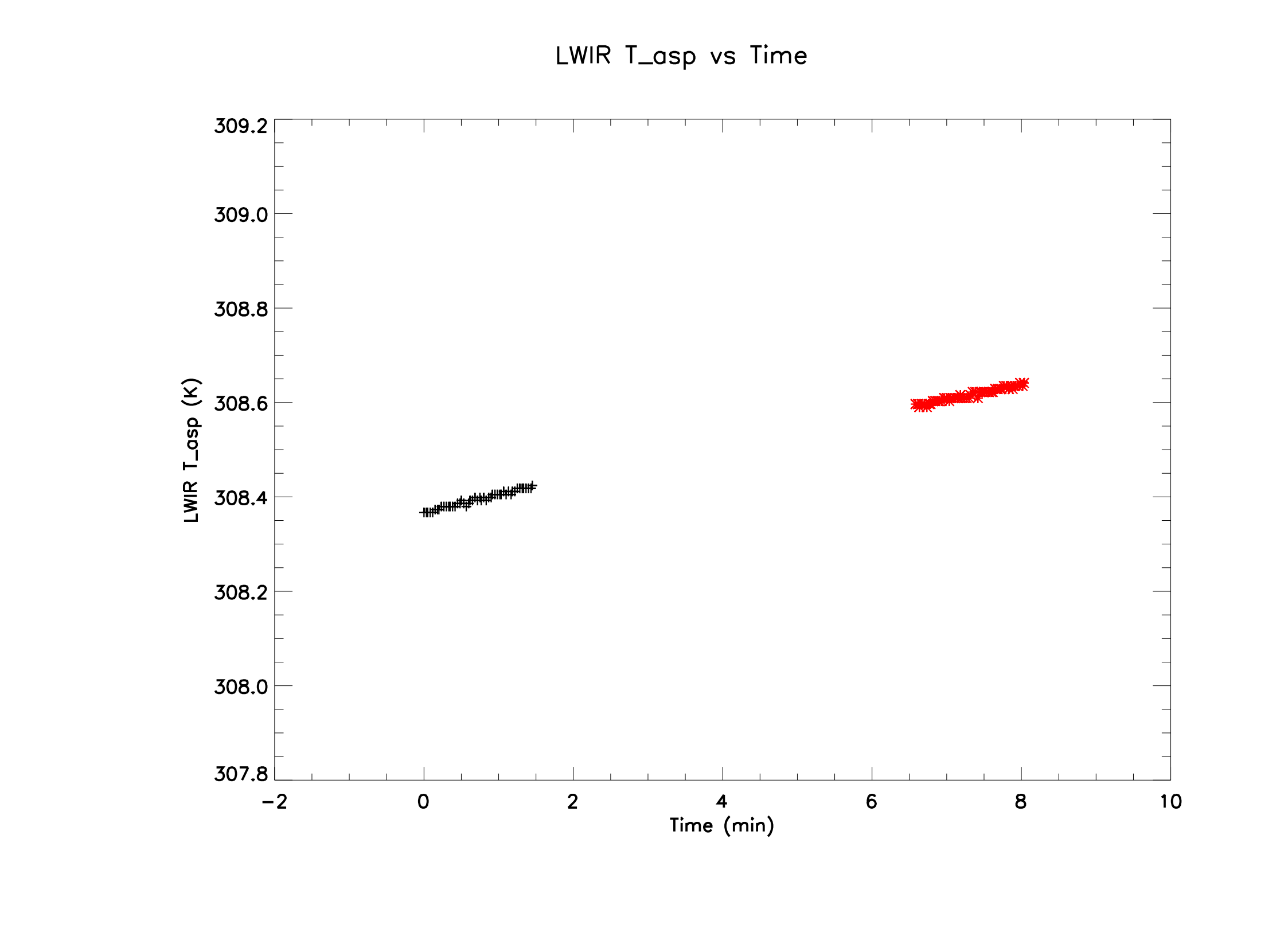
VisNIR T_asp vs Scan



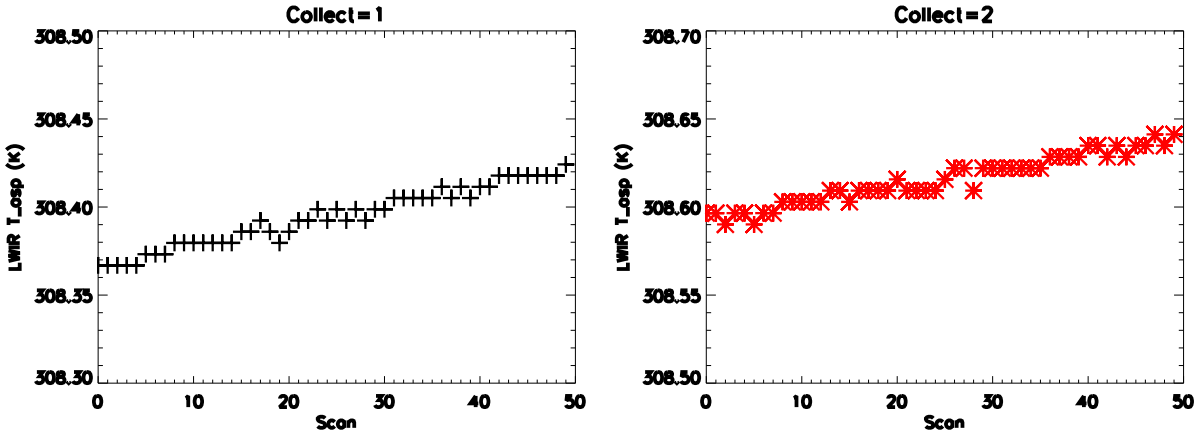

SMWIR T_asp vs Time
SMWIR T_asp (K)
309.6
309.4
309.2
309.0
308.8
308.6
308.4
308.2
−2
0
2
4
6
8
10
Time (min)

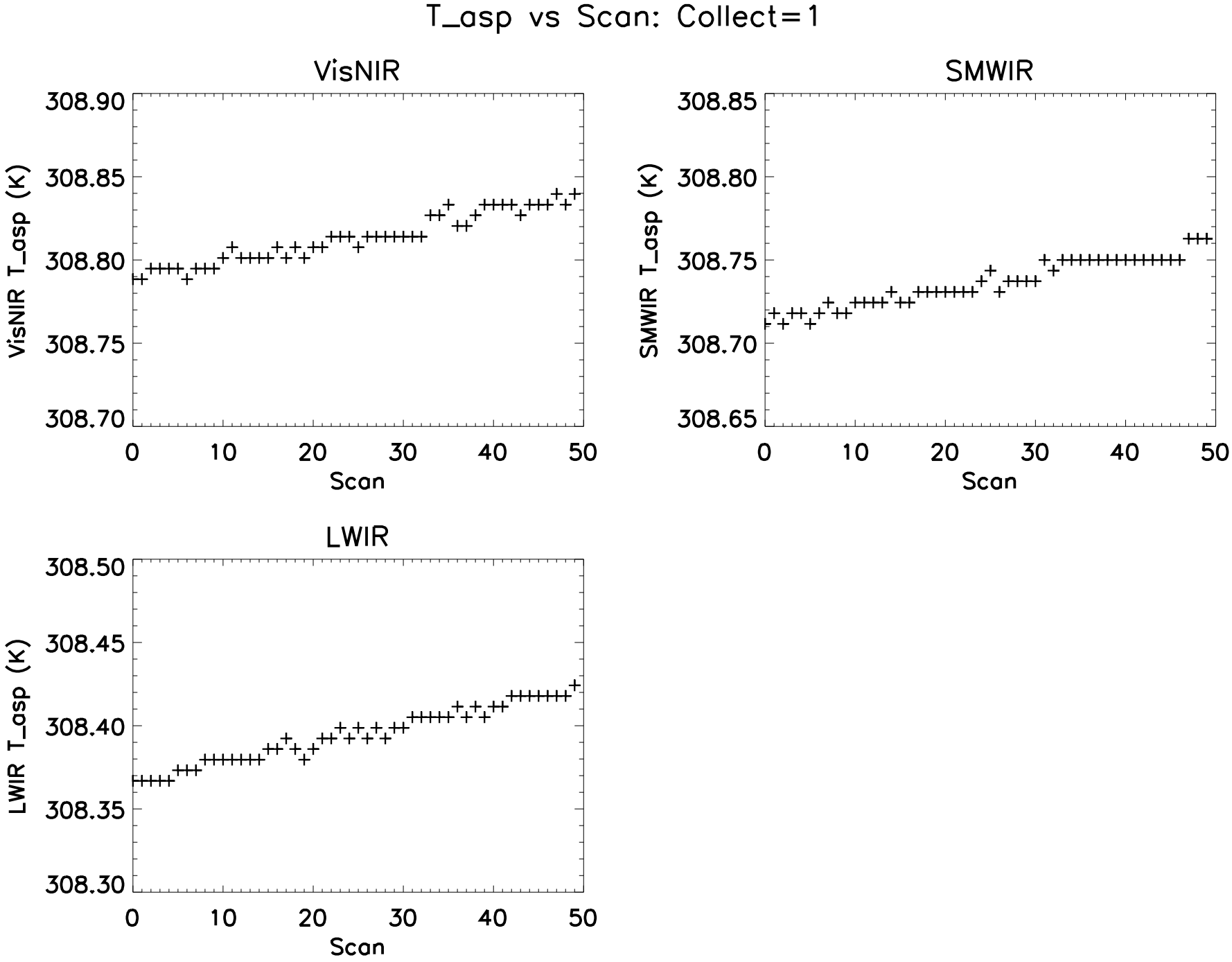
SMWIR T_asp vs Scan

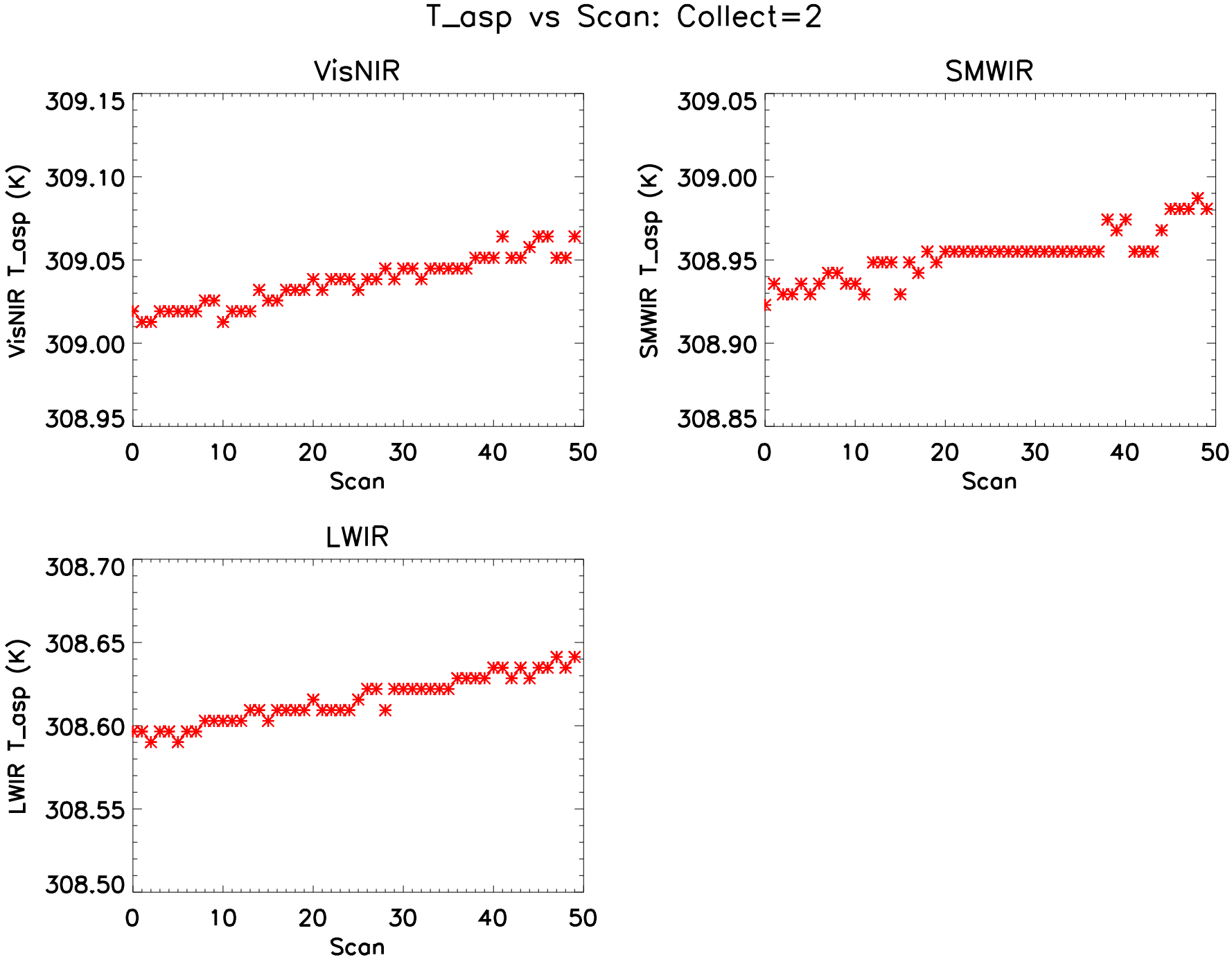


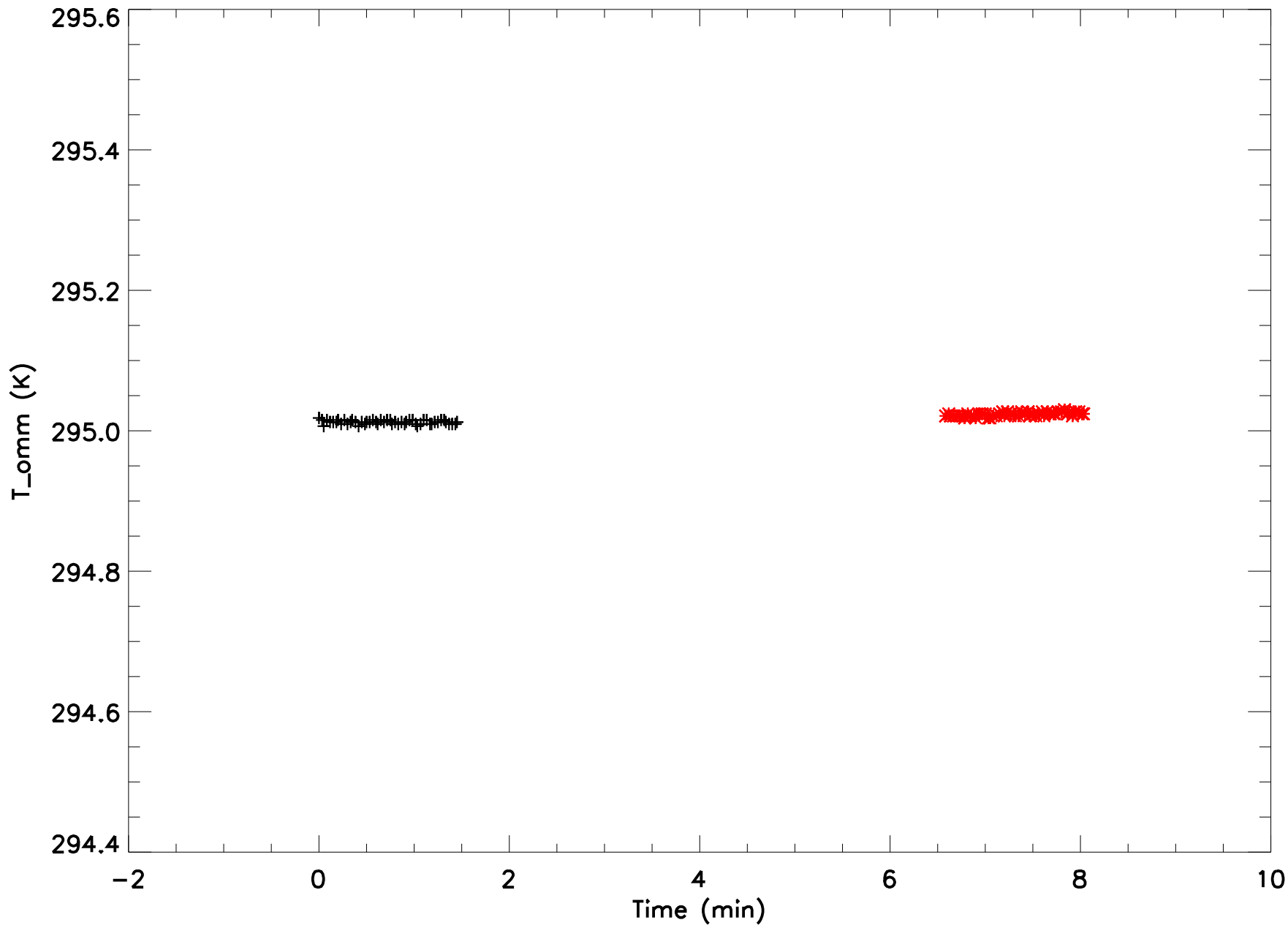

LWIR T_asp vs Time
309.2
309.0
308.8
308.6
308.4
308.2
308.0
307.8
LWIR T_asp (K)
−2
0
2
4
6
8
10
Time (min)

LWIR T_asp vs Scan

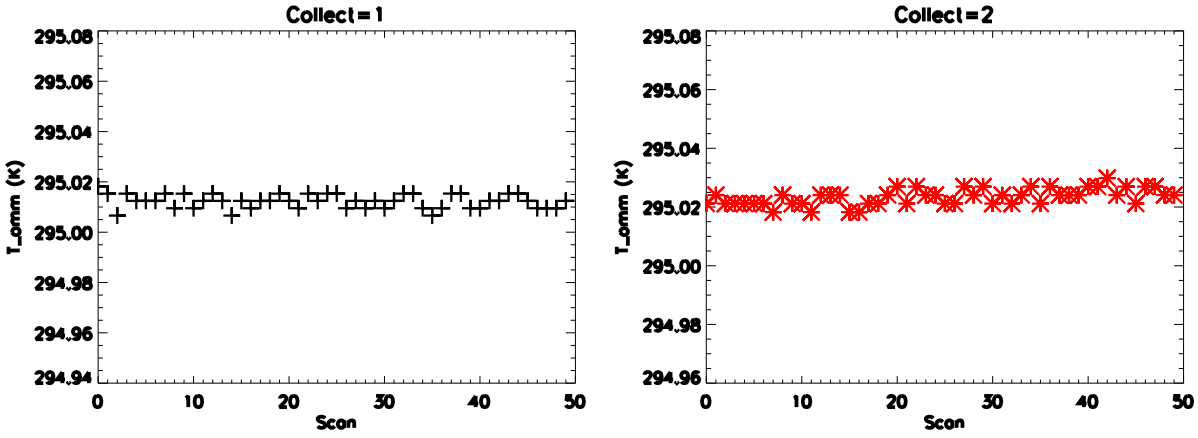



T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
308.90
308.85
308.80
308.75
308.70
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
308.85
308.80
308.75
308.70
308.65
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
308.50
308.45
308.40
308.35
308.30
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
309.15
309.10
309.05
309.00
308.95
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
309.05
309.00
308.95
308.90
308.85
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
308.70
308.65
308.60
308.55
308.50
0
10
20
30
40
50
Scan


T_omm vs Time
T_omm (K)
295.6
295.4
295.2
295.0
294.8
294.6
294.4
−2
0
2
4
6
8
10
Time (min)

T_omm vs Scan


Collect = 1
Collect = 2
T_omm (K)
Scan
295.08
295.06
295.04
295.02
295.00
294.98
294.96
294.94
0
10
20
30
40
50