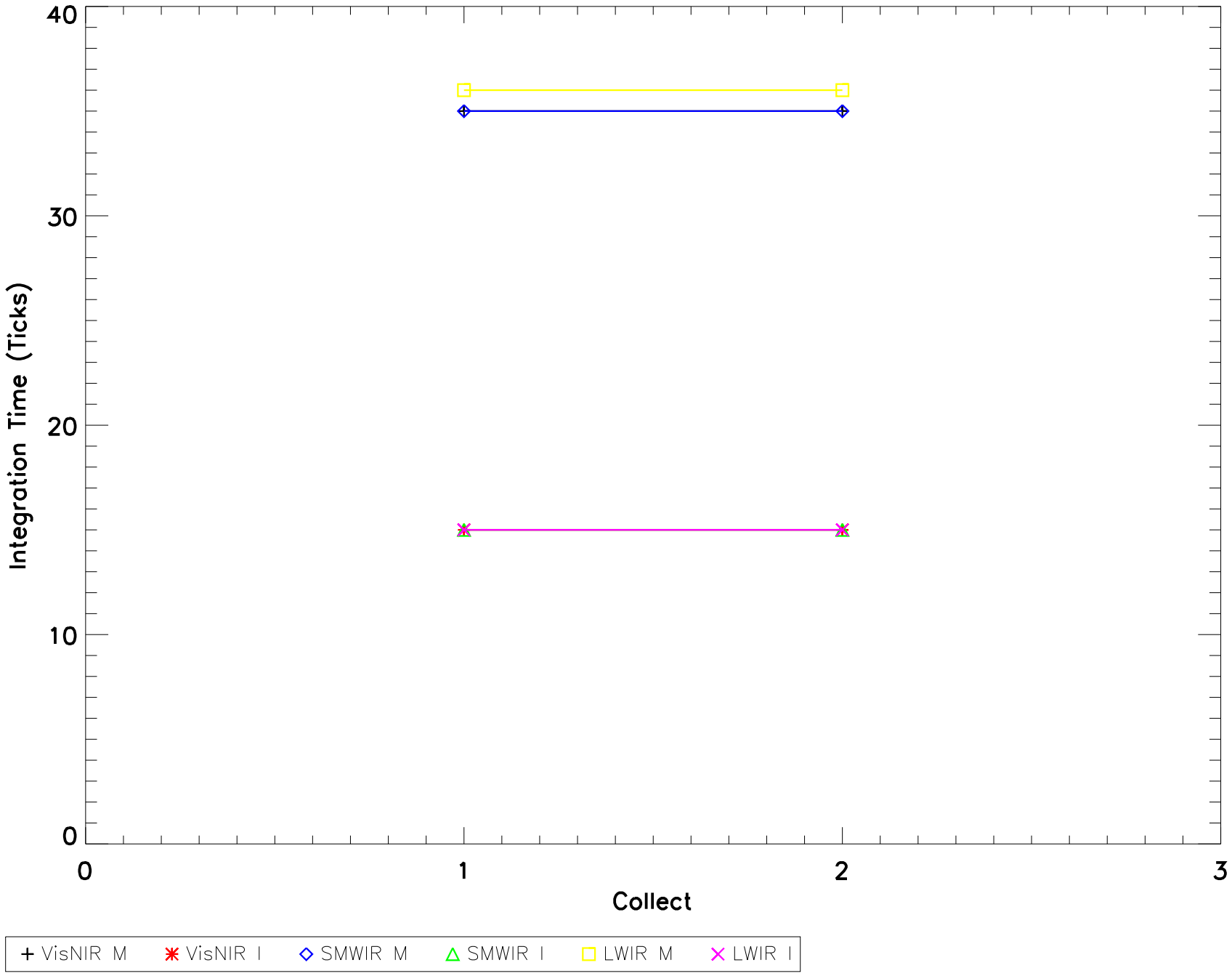
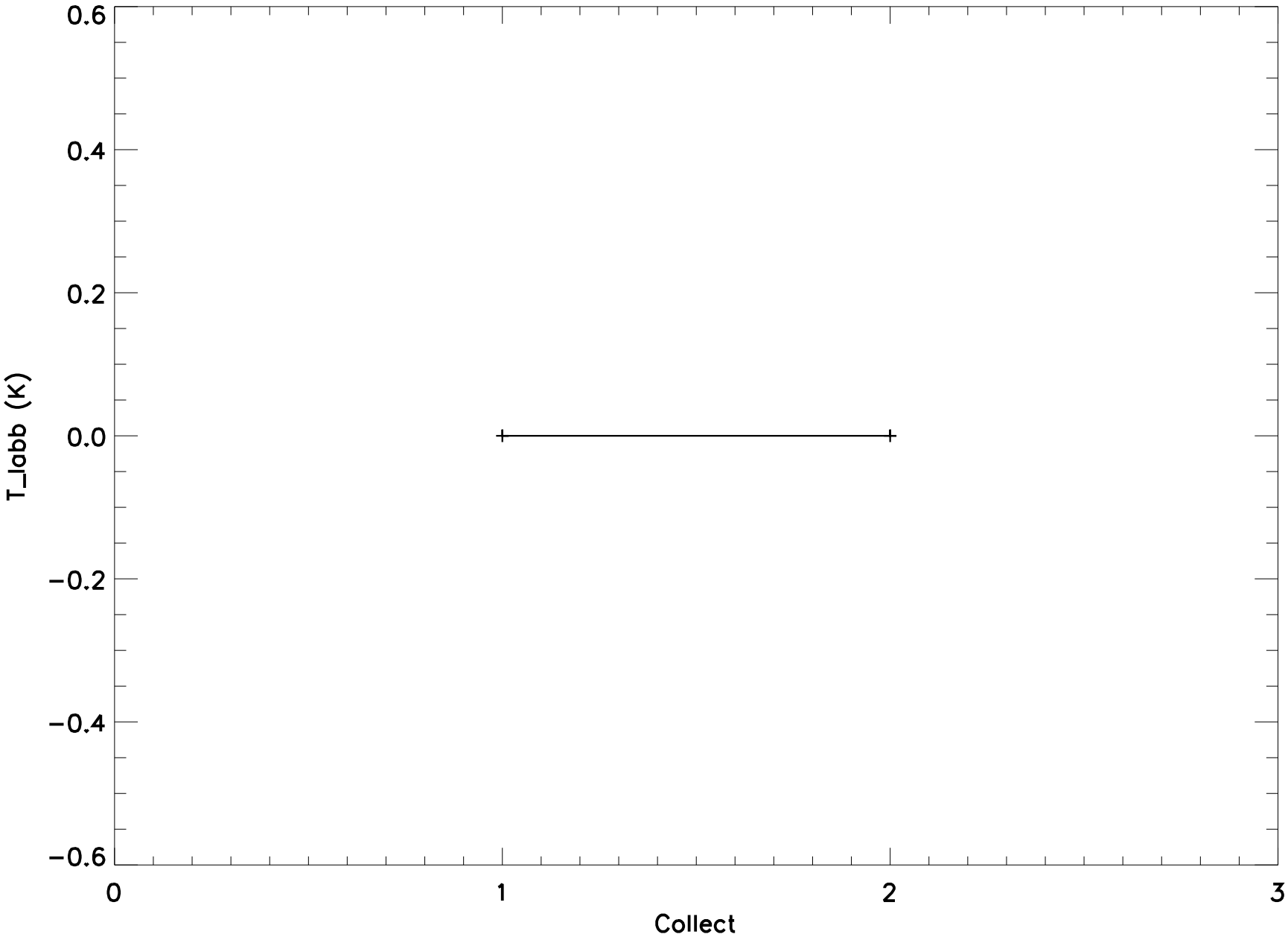
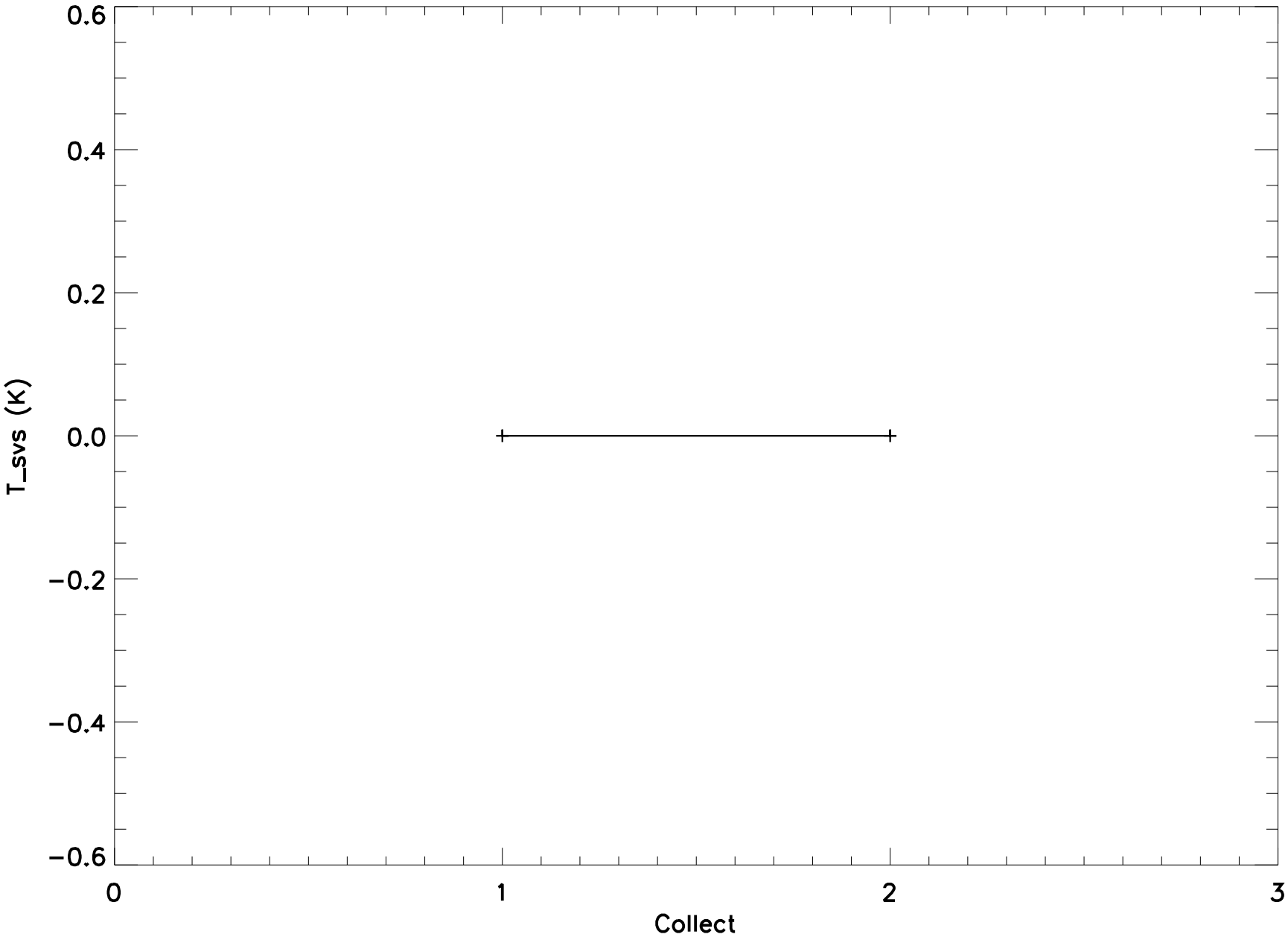
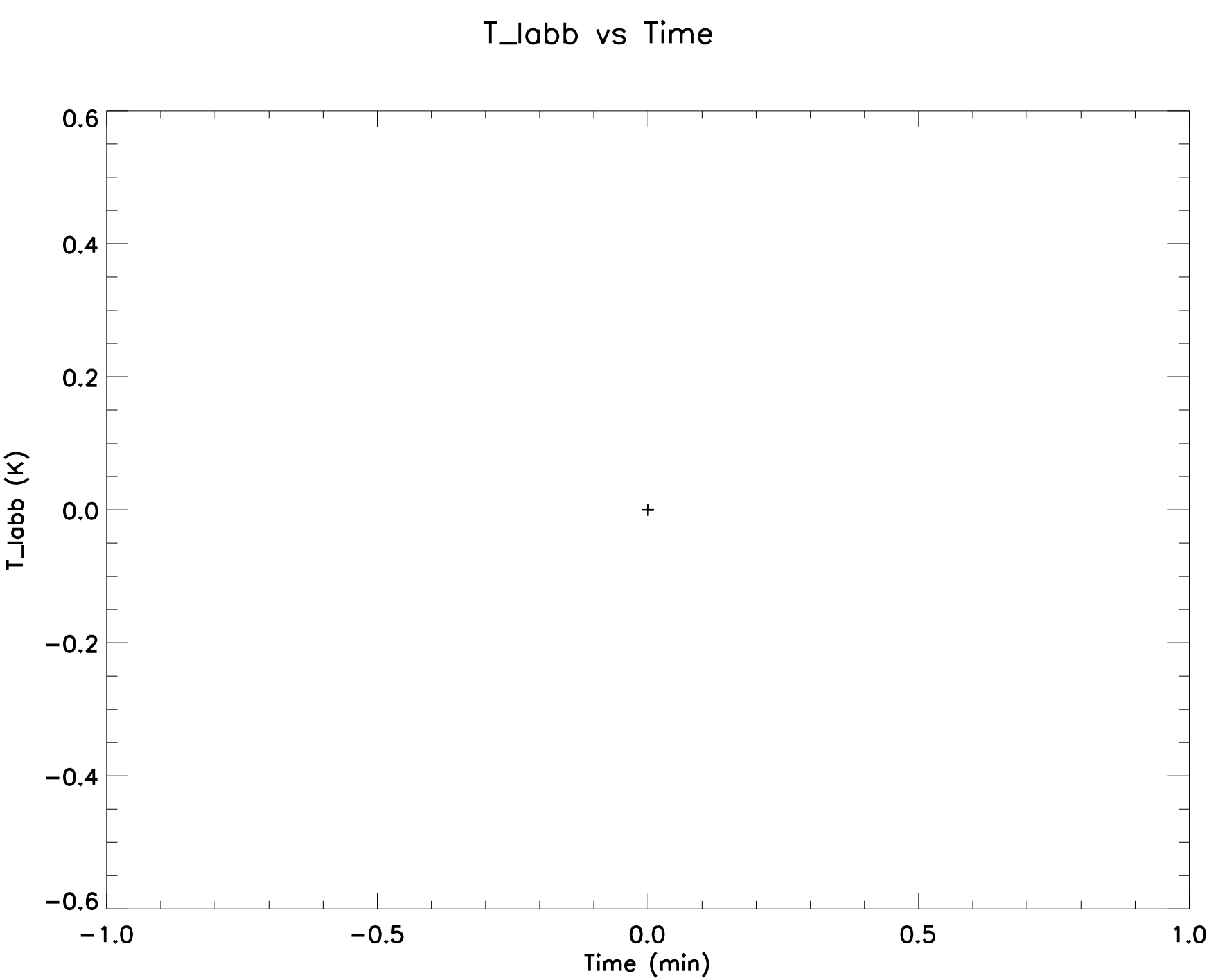
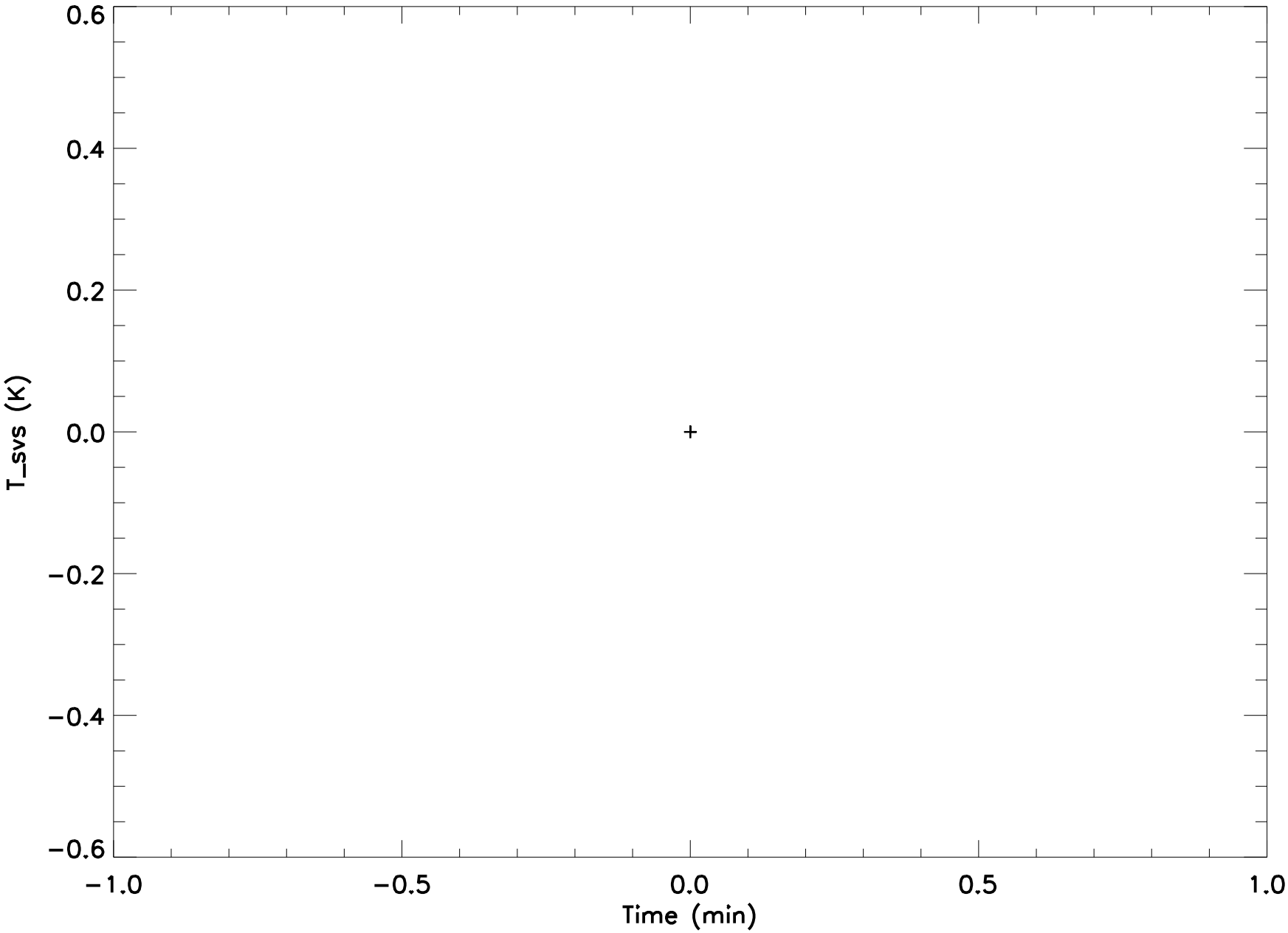
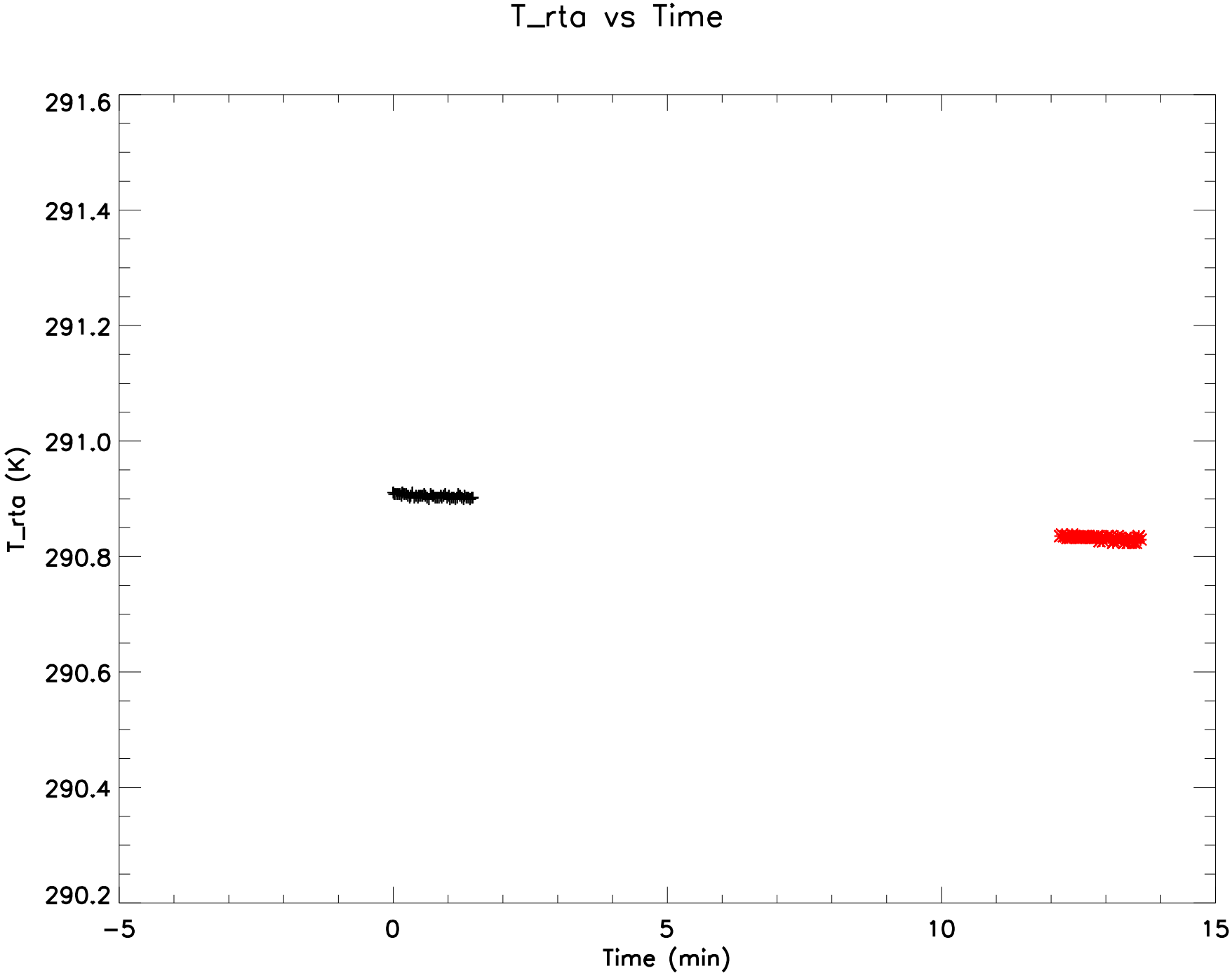

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
1
2
3
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

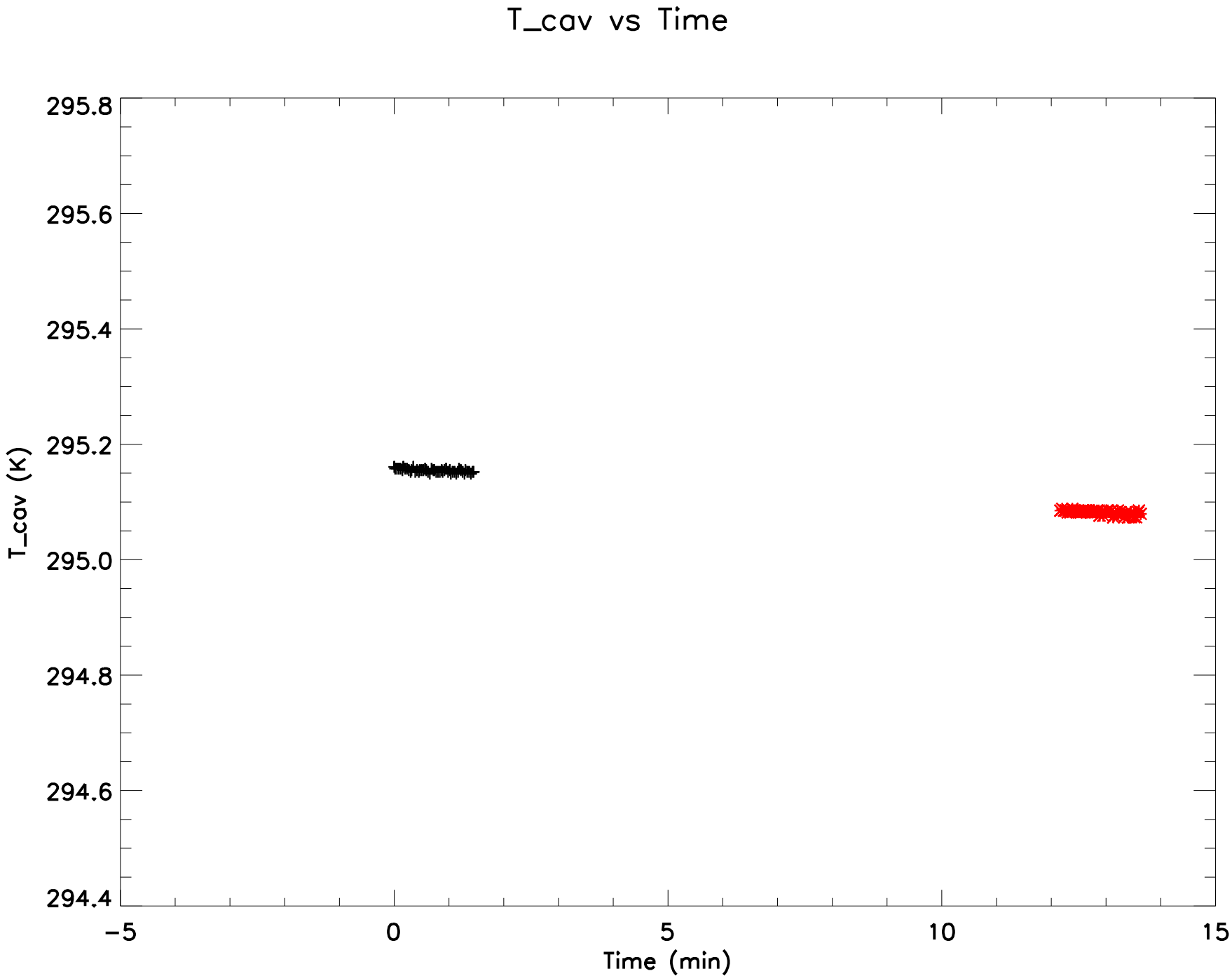

T_labb vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
0
1
2
3
Collect

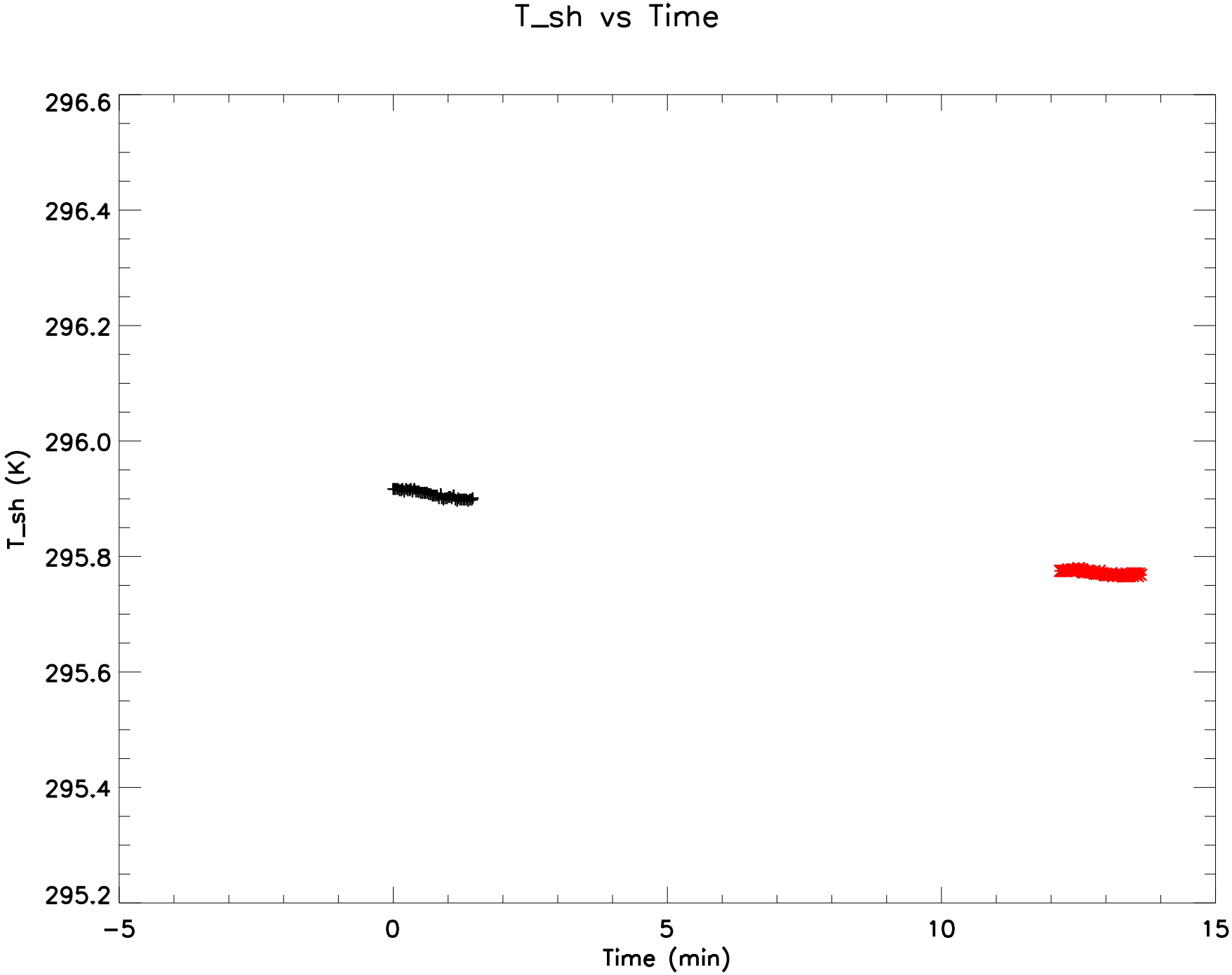

T_svs vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
0
1
2
3
Collect

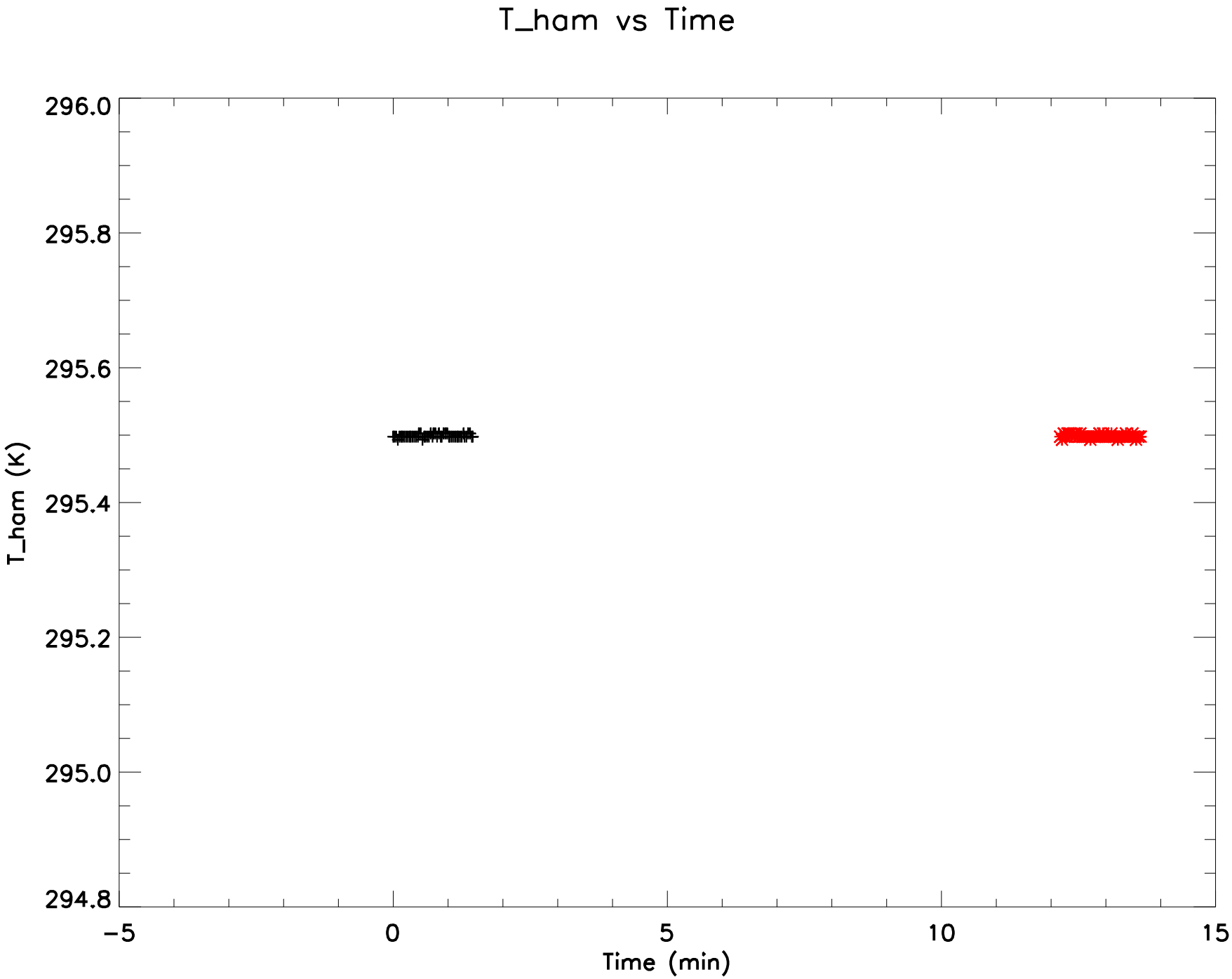

T_labb vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

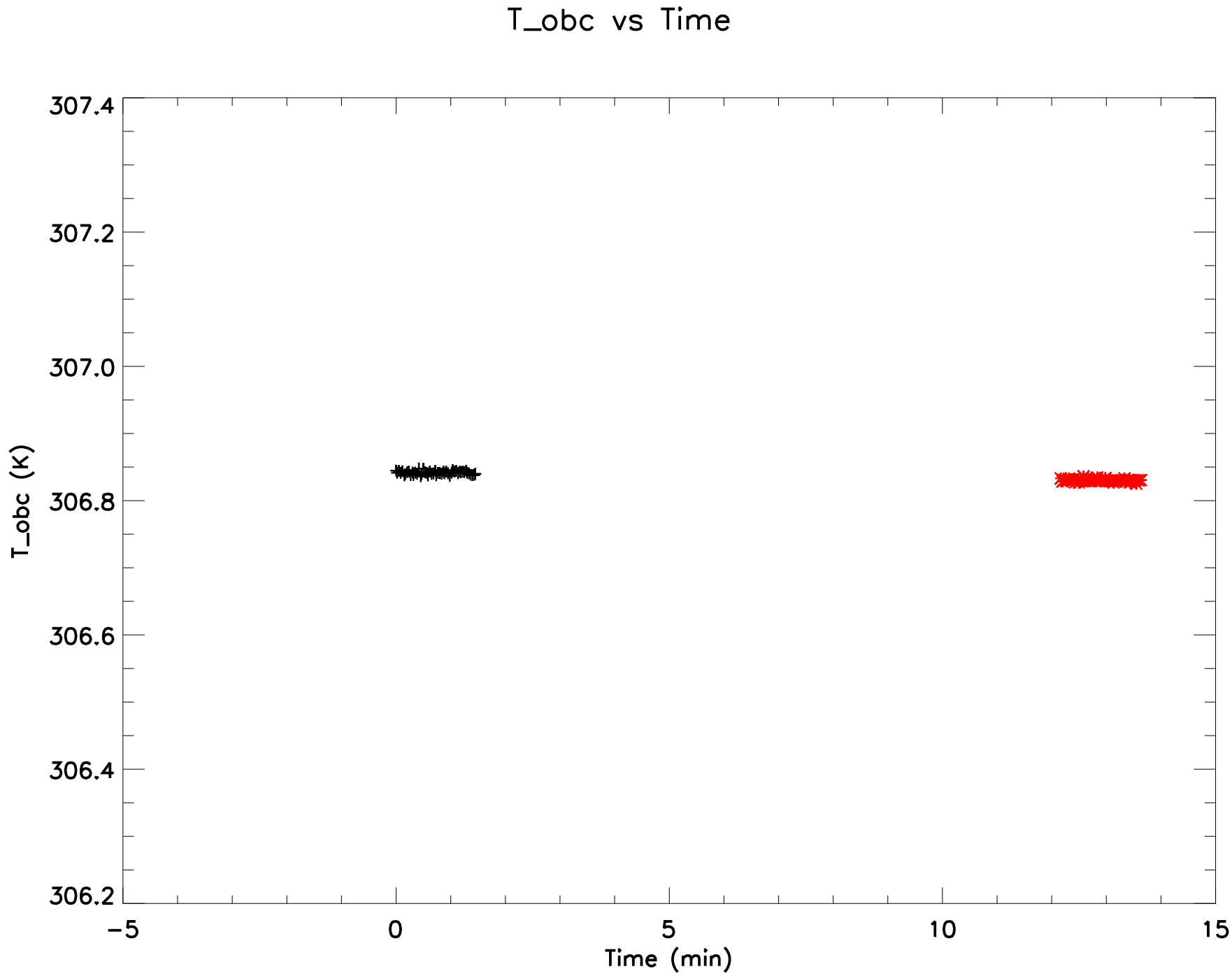

T_svs vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)


T_rta vs Time
291.6
291.4
291.2
291.0
290.8
290.6
290.4
290.2
T_rta (K)
−5
0
5
10
15
Time (min)

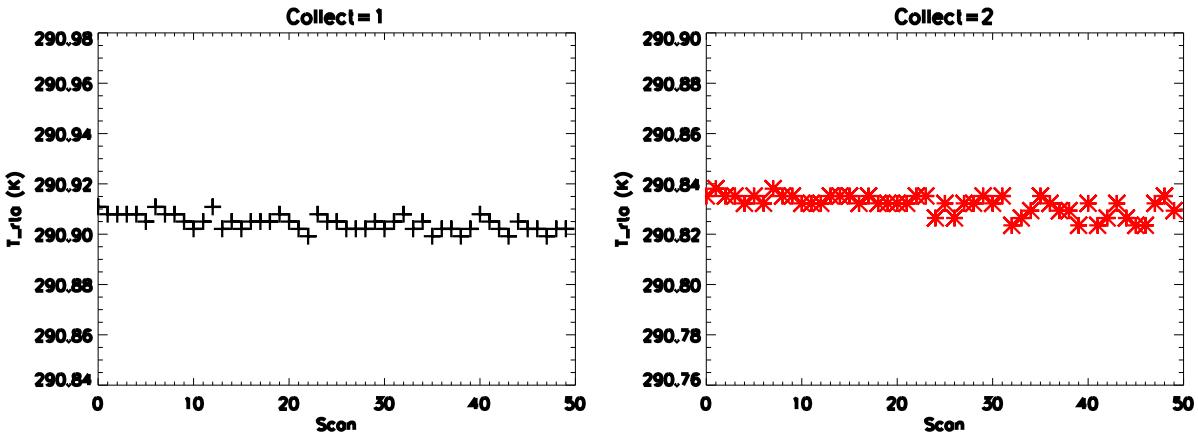

T_cav vs Time
295.8
295.6
295.4
295.2
295.0
294.8
294.6
294.4
T_cav (K)
−5
0
5
10
15
Time (min)


T_sh vs Time
296.6
296.4
296.2
296.0
295.8
295.6
295.4
295.2
T_sh (K)
−5
0
5
10
15
Time (min)


T_ham vs Time
296.0
295.8
295.6
295.4
295.2
295.0
294.8
T_ham (K)
−5
0
5
10
15
Time (min)

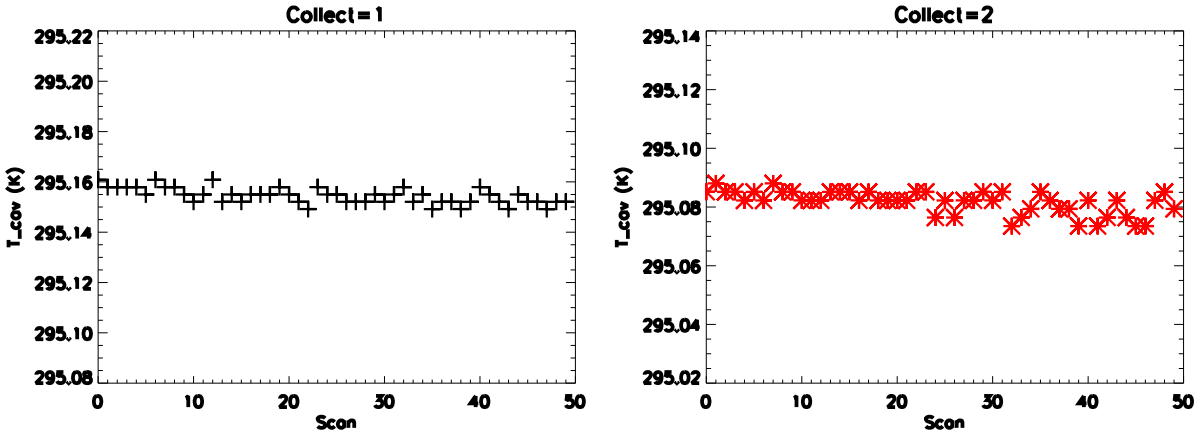

T_obc vs Time
307.4
307.2
307.0
306.8
306.6
306.4
306.2
T_obc (K)
−5
0
5
10
15
Time (min)

T_rta vs Scan


Collect = 1
T_rta (K)
290.98
290.96
290.94
290.92
290.90
290.88
290.86
290.84
0
10
20
30
40
50
Scan

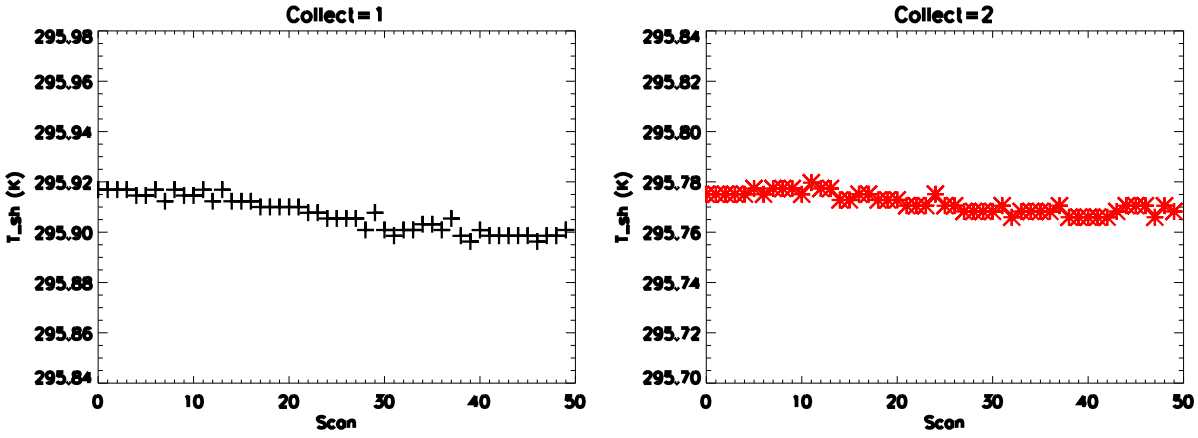
Collect = 2
T_rta (K)
290.90
290.88
290.86
290.84
290.82
290.80
290.78
290.76
0
10
20
30
40
50
Scan

T_cav vs Scan


Collect = 1
T_cav (K)
295.22
295.20
295.18
295.16
295.14
295.12
295.10
295.08
0
10
20
30
40
50
Scan

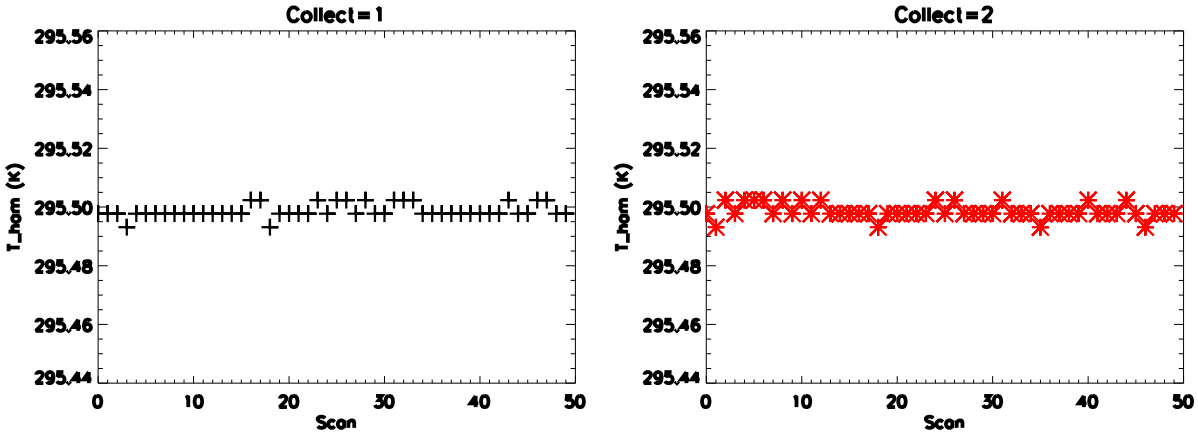
Collect = 2
T_cav (K)
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
10
20
30
40
50
Scan

T_sh vs Scan

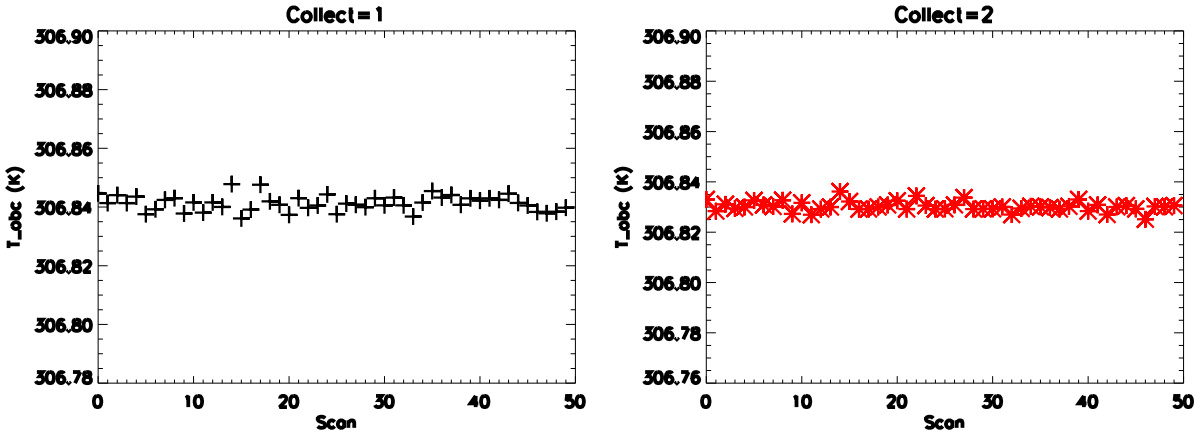

Collect = 1
T_sh (K)
295.98
295.96
295.94
295.92
295.90
295.88
295.86
295.84
0
10
20
30
40
50
Scan

Collect = 2
T_sh (K)
295.84
295.82
295.80
295.78
295.76
295.74
295.72
295.70
0
10
20
30
40
50
Scan

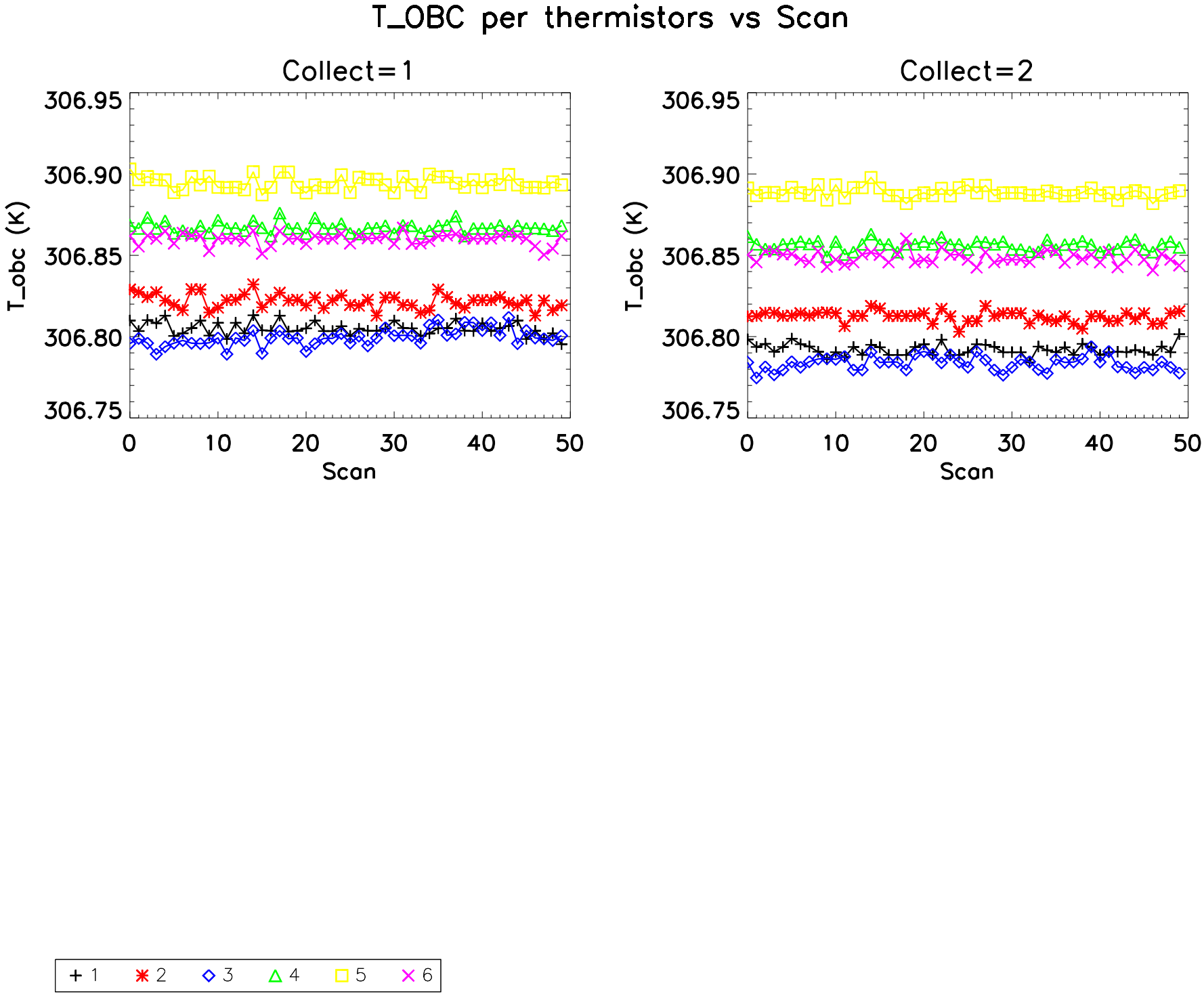
T_ham vs Scan

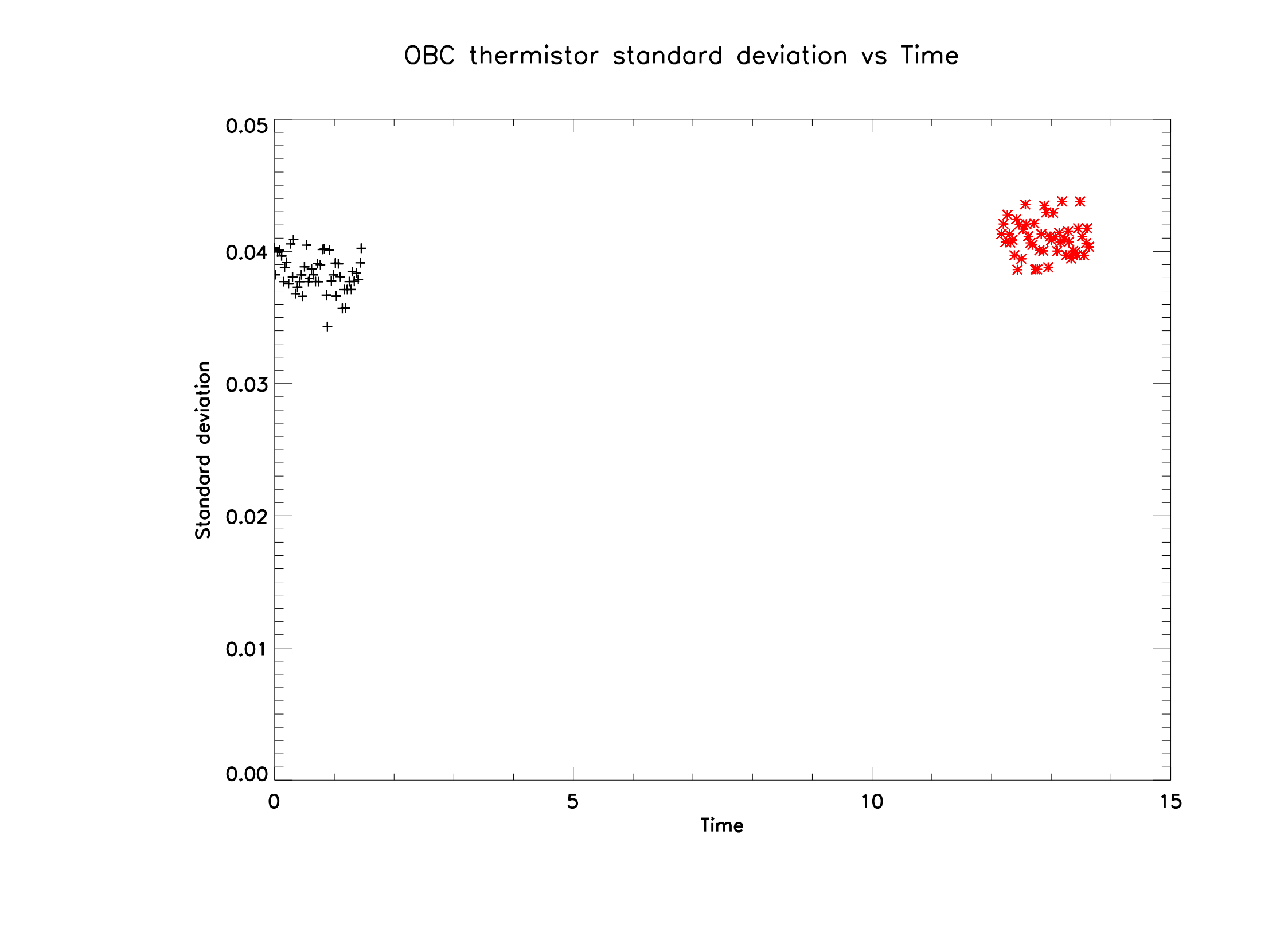

Collect = 1
Collect = 2
T_ham (K)
Scan
295.56
295.54
295.52
295.50
295.48
295.46
295.44
0
10
20
30
40
50

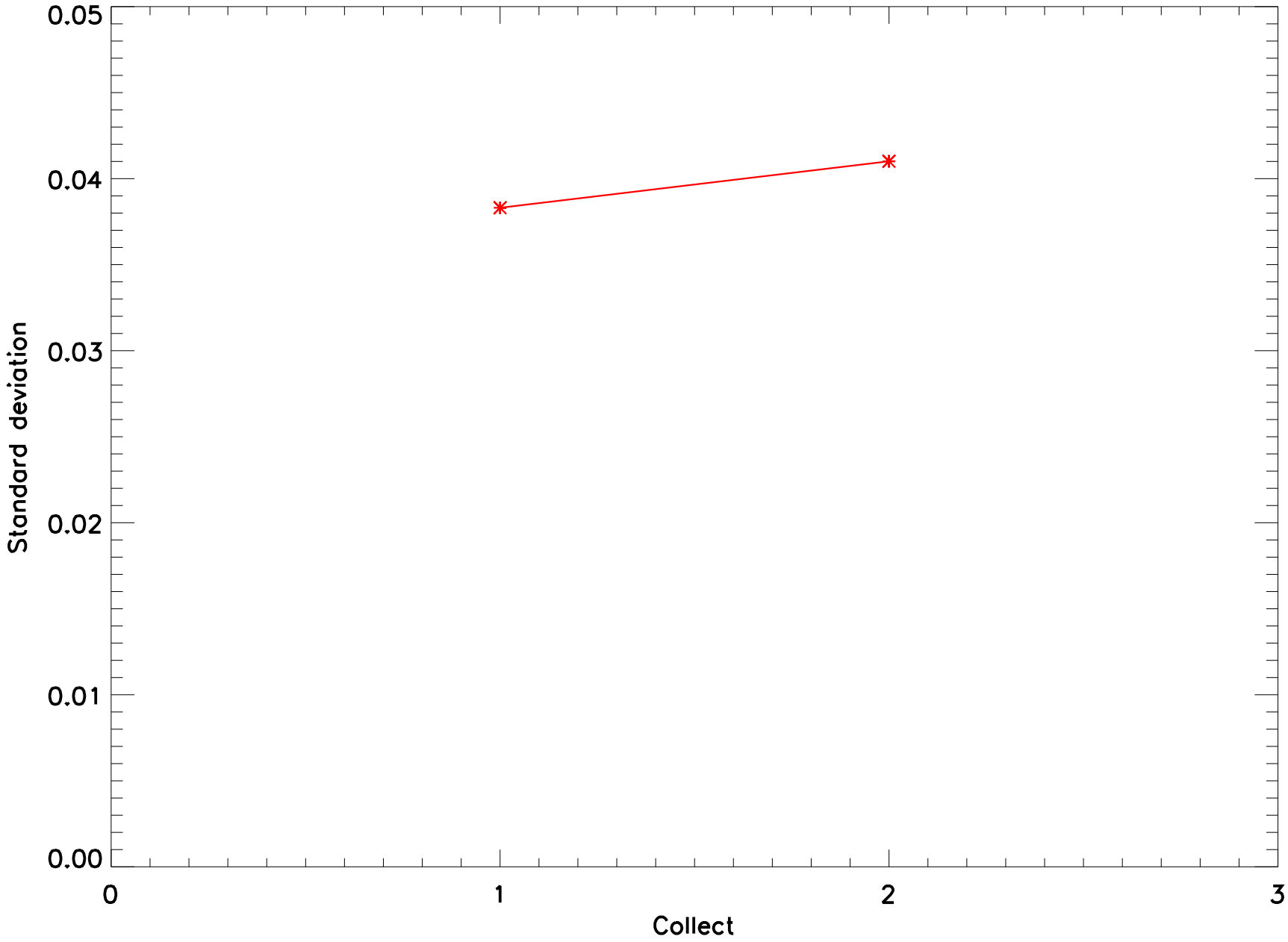
T_obc vs Scan

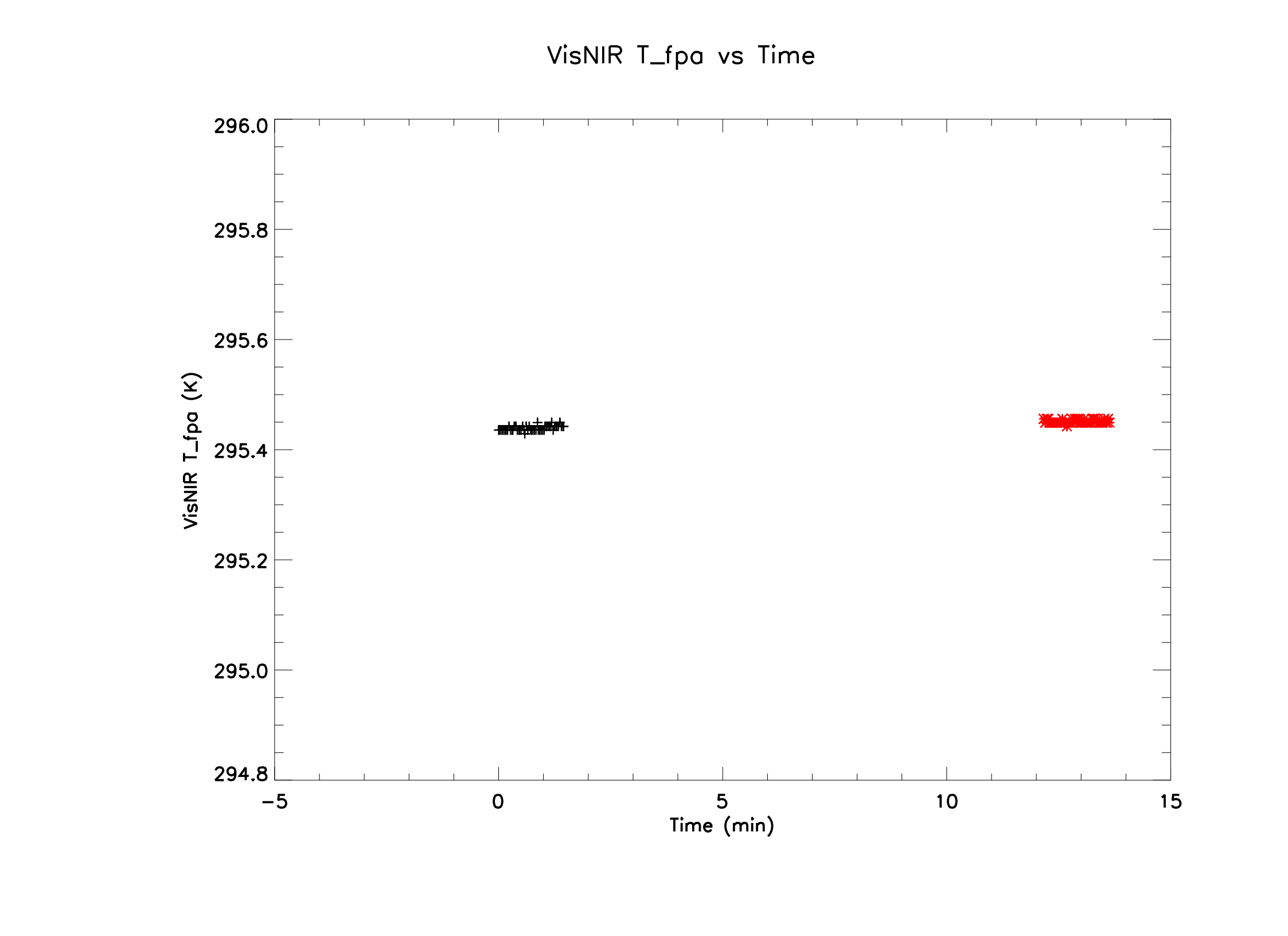

Collect = 1
T_obc (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
0
10
20
30
40
50
Scan

Collect = 2
T_obc (K)
306.90
306.88
306.86
306.84
306.82
306.80
306.78
306.76
0
10
20
30
40
50
Scan

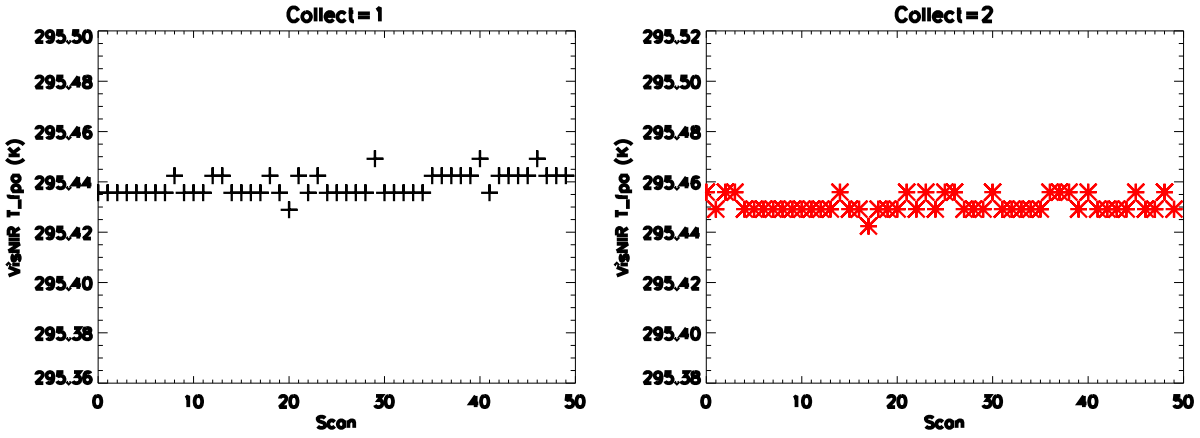

T_OBC per thermistors vs Scan
Collect=1
Collect=2
T_obc (K)
306.95
306.90
306.85
306.80
306.75
0
10
20
30
40
50
Scan
1
2
3
4
5
6

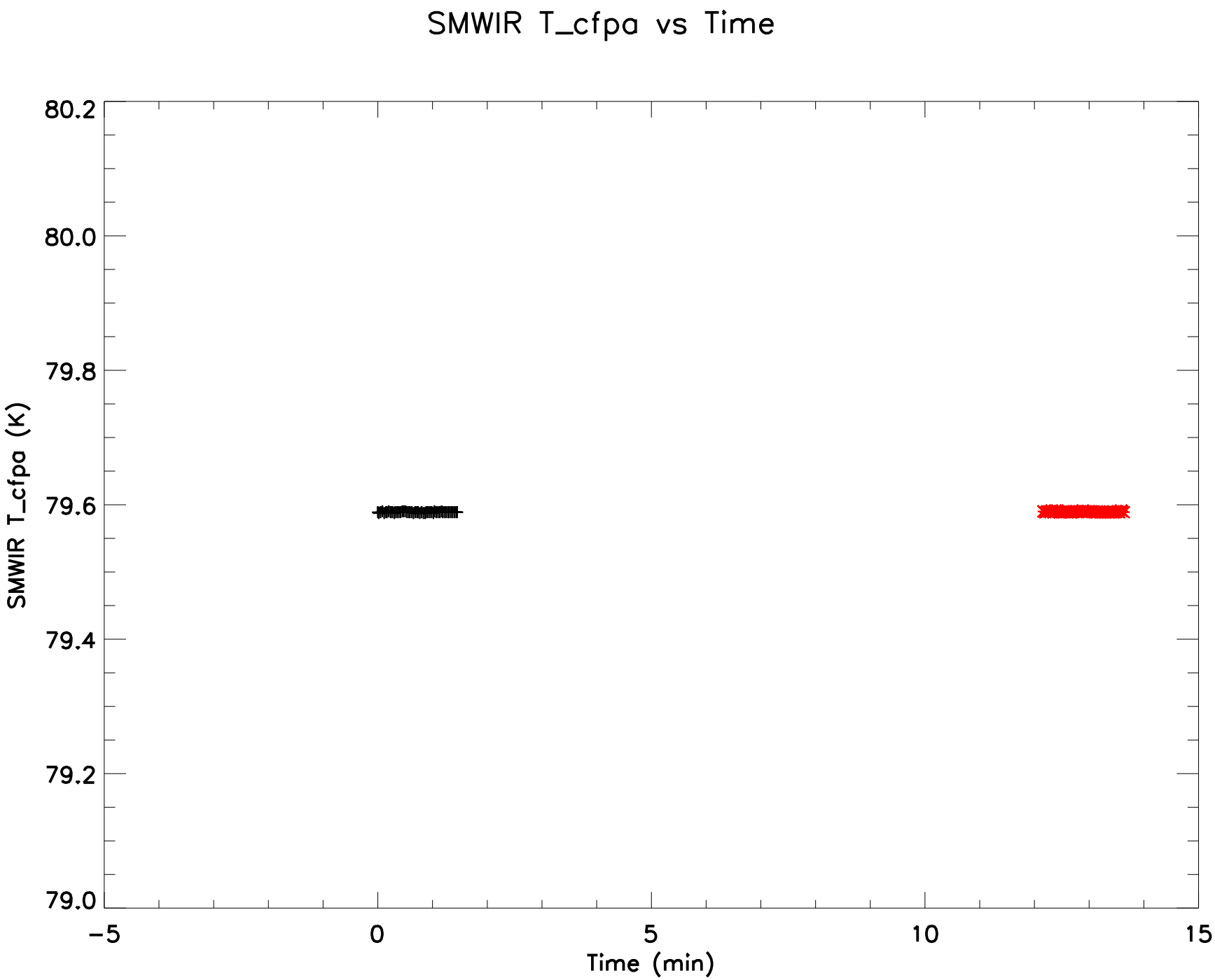

OBC thermistor standard deviation vs Time
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
Time


OBC thermistor standard deviation vs Collect
0.05
0.04
0.03
0.02
0.01
0.00
Standard deviation
0
1
2
3
Collect

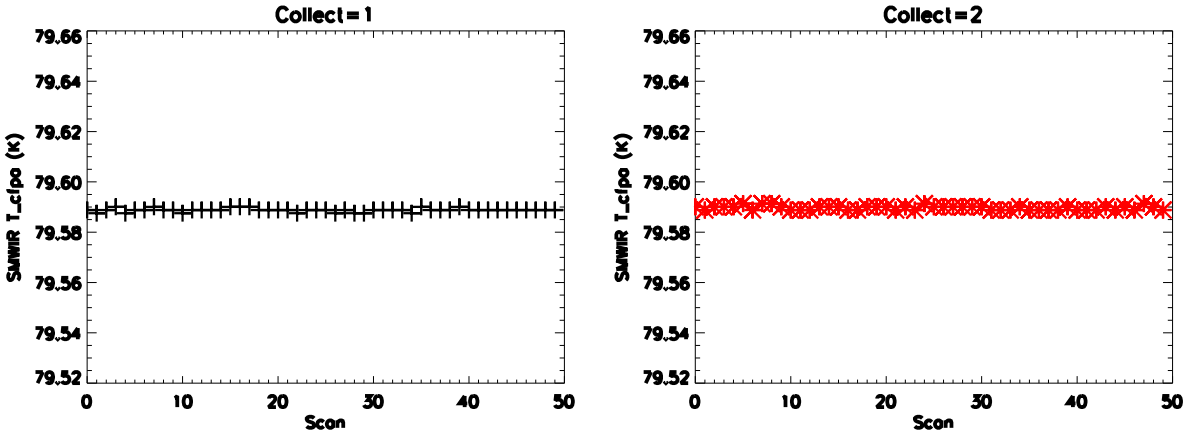

VisNIR T_fpa vs Time
296.0
295.8
295.6
295.4
295.2
295.0
294.8
VisNIR T_fpa (K)
−5
0
5
10
15
Time (min)

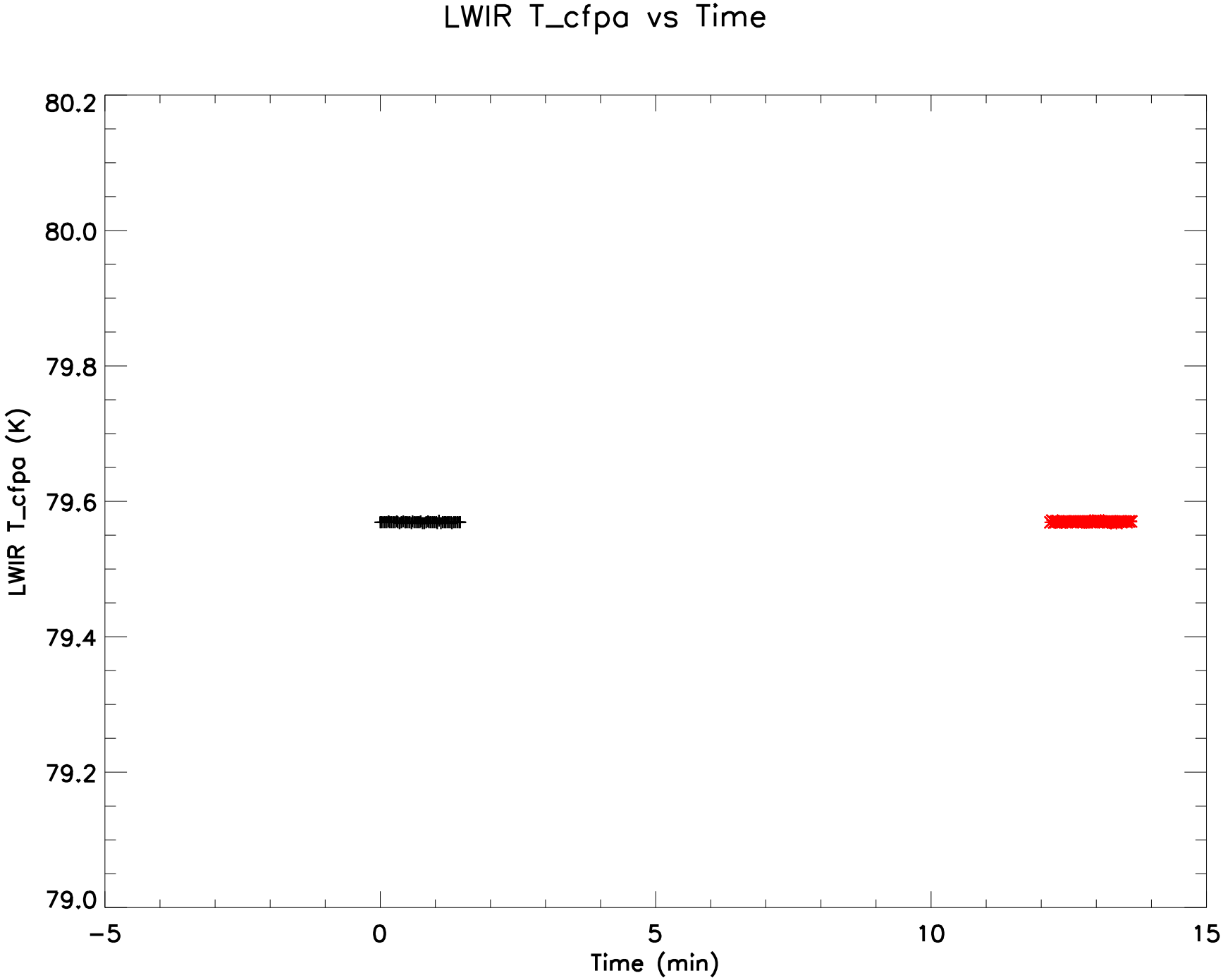
VisNIR T_fpa vs Scan



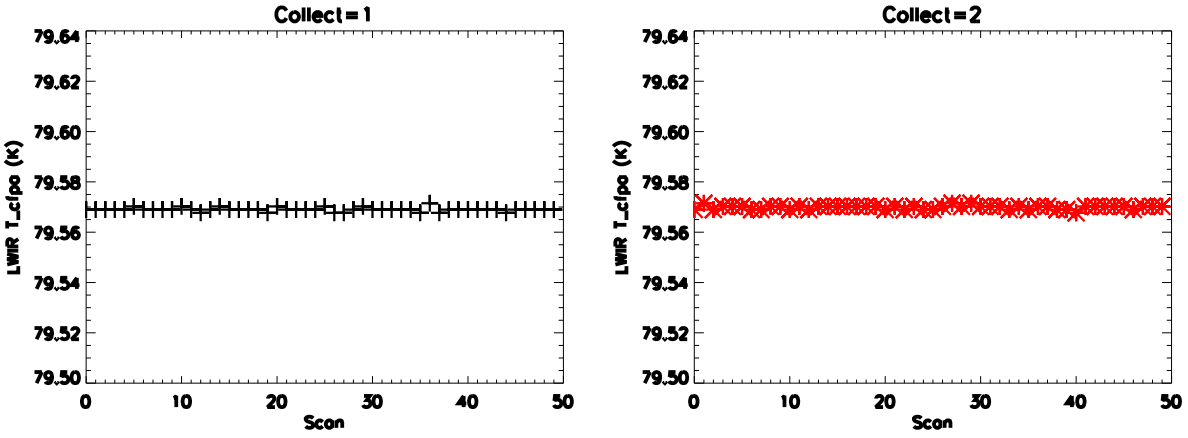

SMWIR T_cfpa vs Time
80.2
80.0
79.8
79.6
79.4
79.2
79.0
SMWIR T_cfpa (K)
−5
0
5
10
15
Time (min)

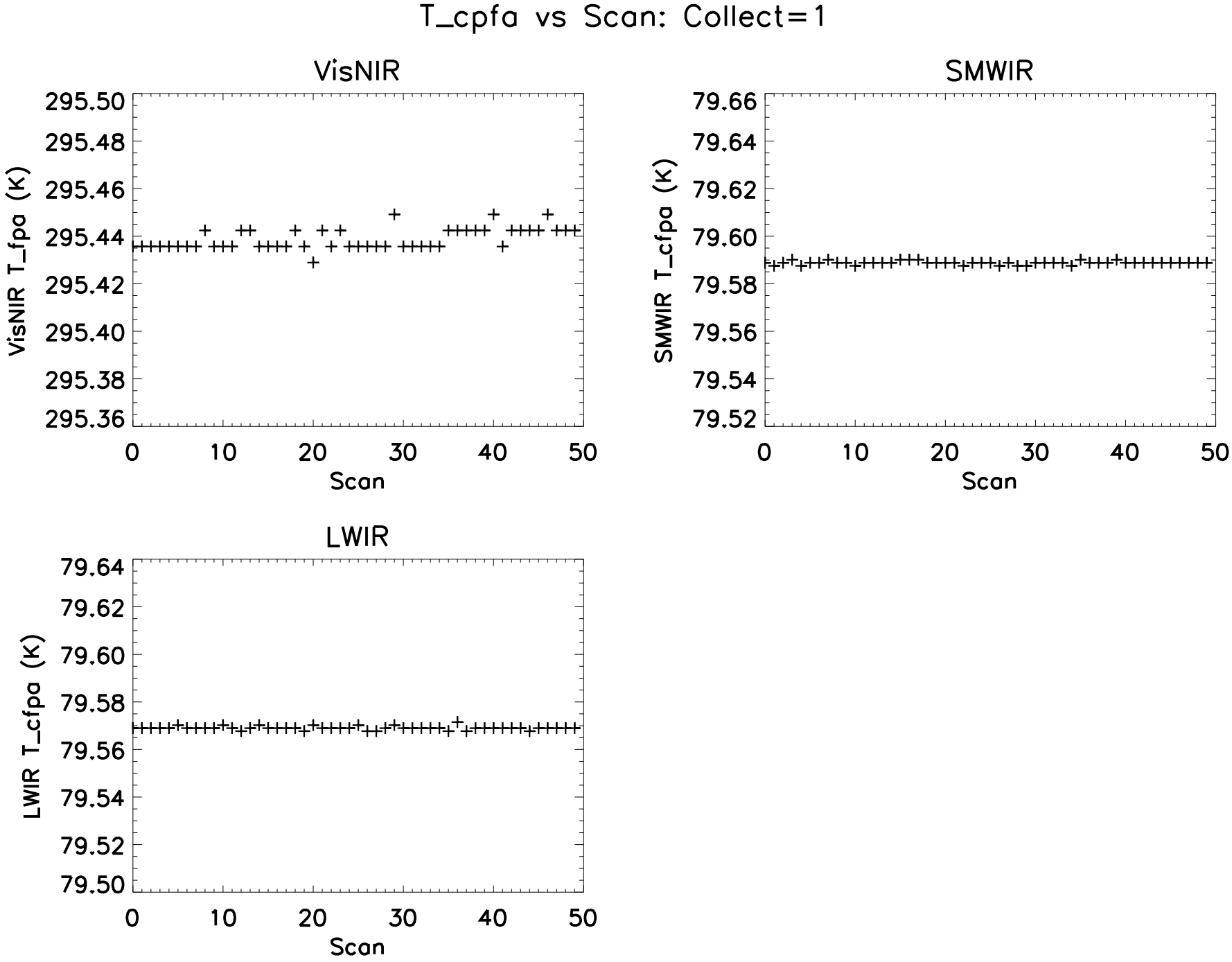
SMWIR T_cfpa vs Scan

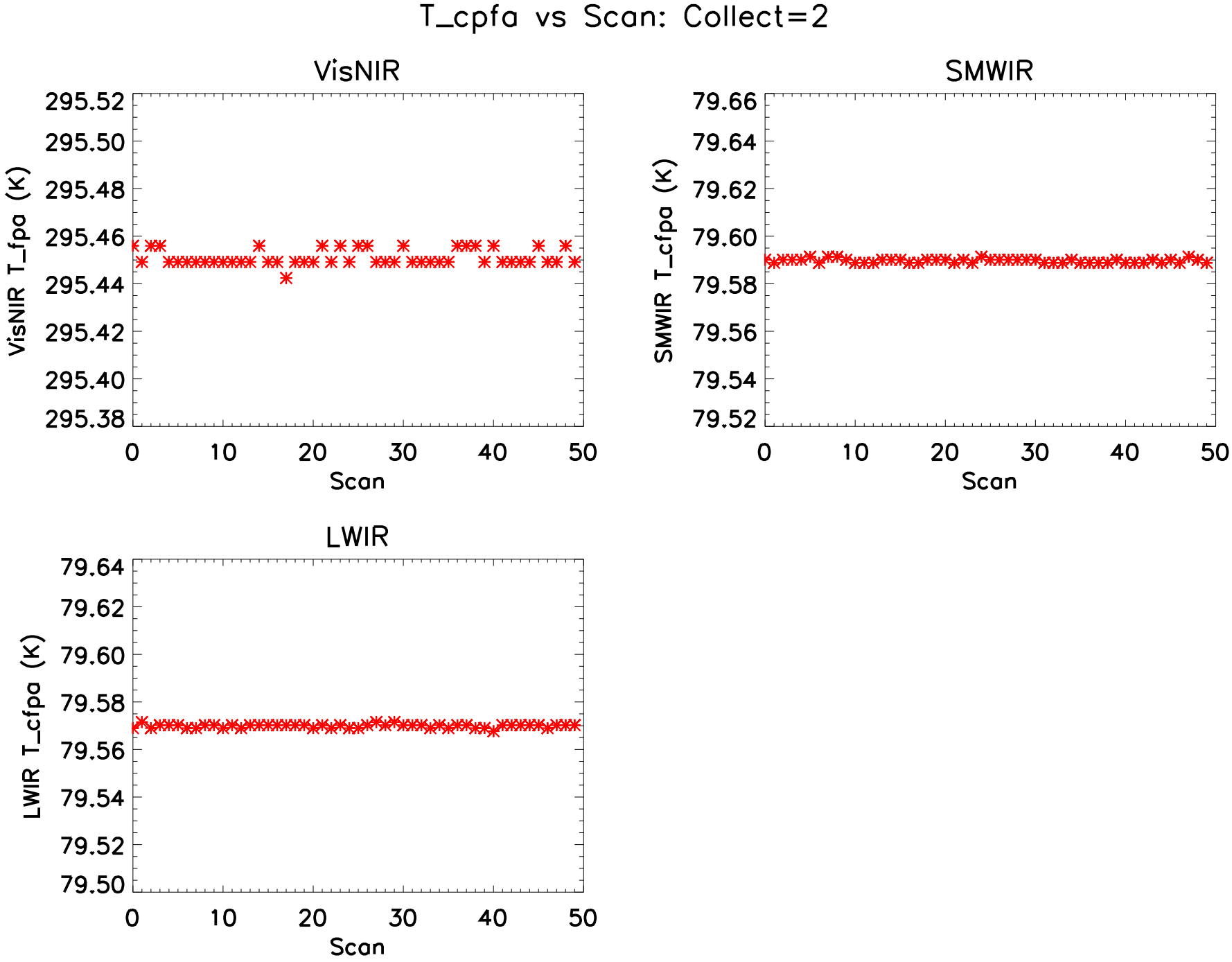


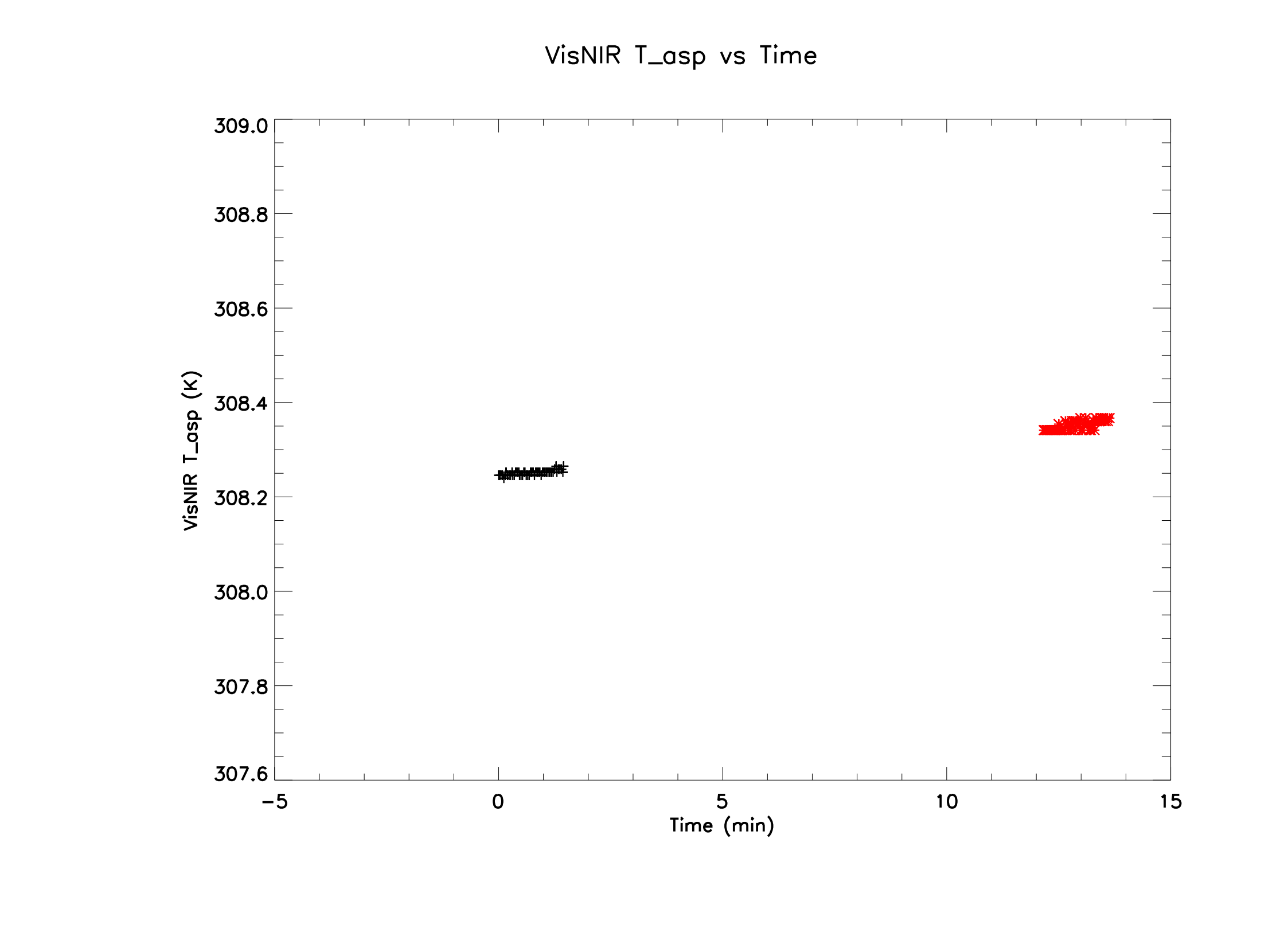

LWIR T_cfpa vs Time
80.2
80.0
79.8
79.6
79.4
79.2
79.0
LWIR T_cfpa (K)
−5
0
5
10
15
Time (min)

LWIR T_cfpa vs Scan

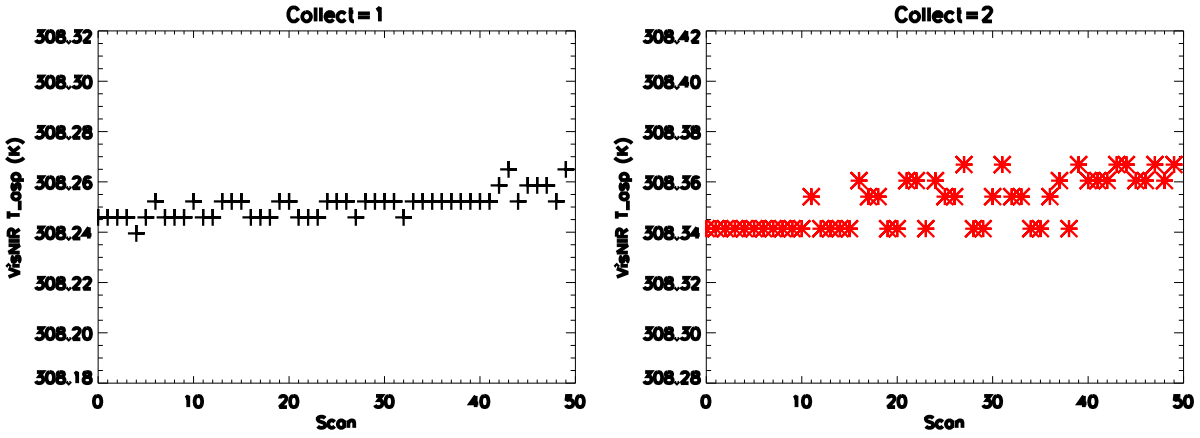


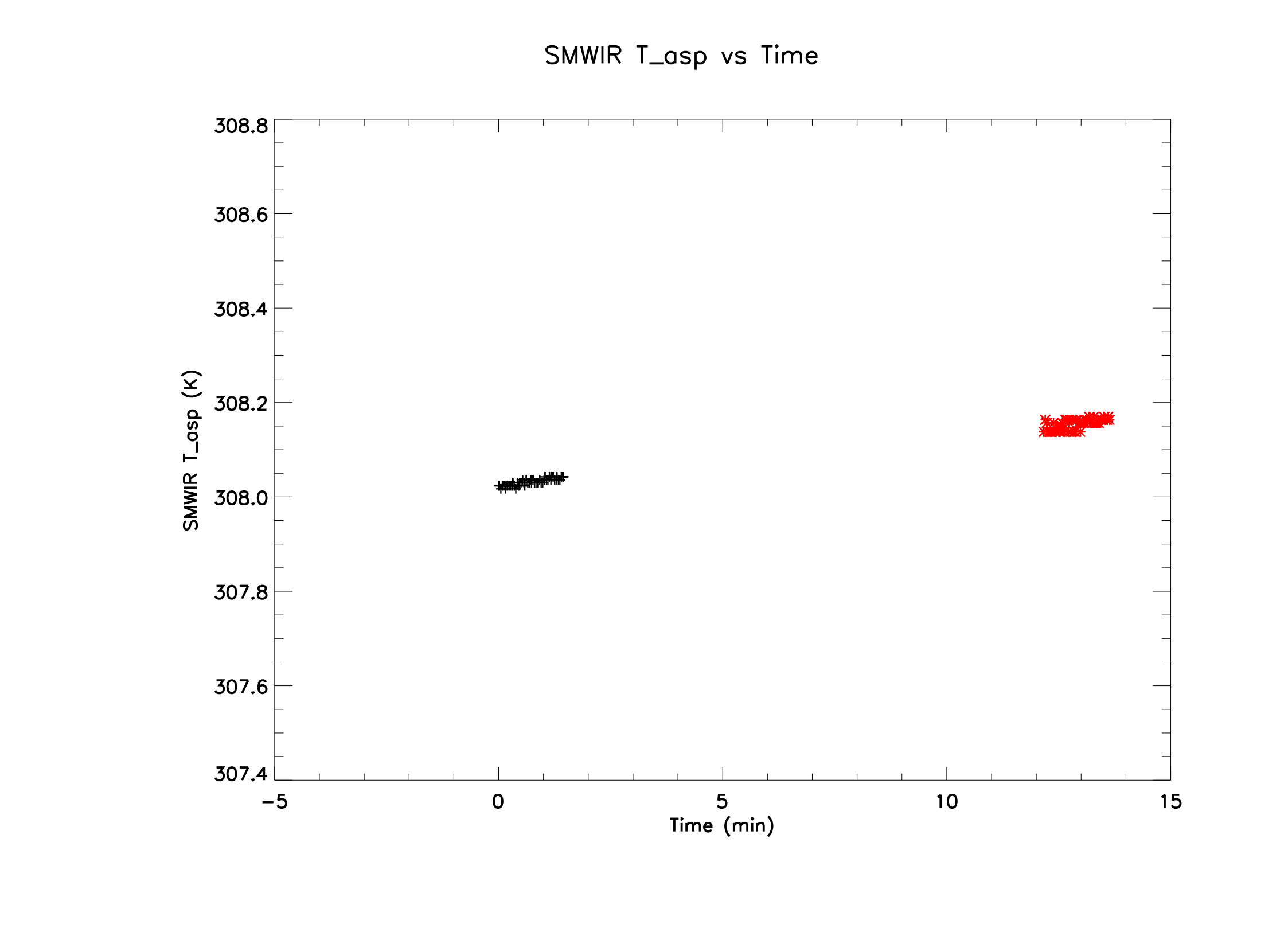

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
295.50
295.48
295.46
295.44
295.42
295.40
295.38
295.36
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
79.66
79.64
79.62
79.60
79.58
79.56
79.54
79.52
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
79.64
79.62
79.60
79.58
79.56
79.54
79.52
79.50
0
10
20
30
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
295.38
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
79.66
79.64
79.62
79.60
79.58
79.56
79.54
79.52
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
79.64
79.62
79.60
79.58
79.56
79.54
79.52
79.50
0
10
20
30
40
50
Scan

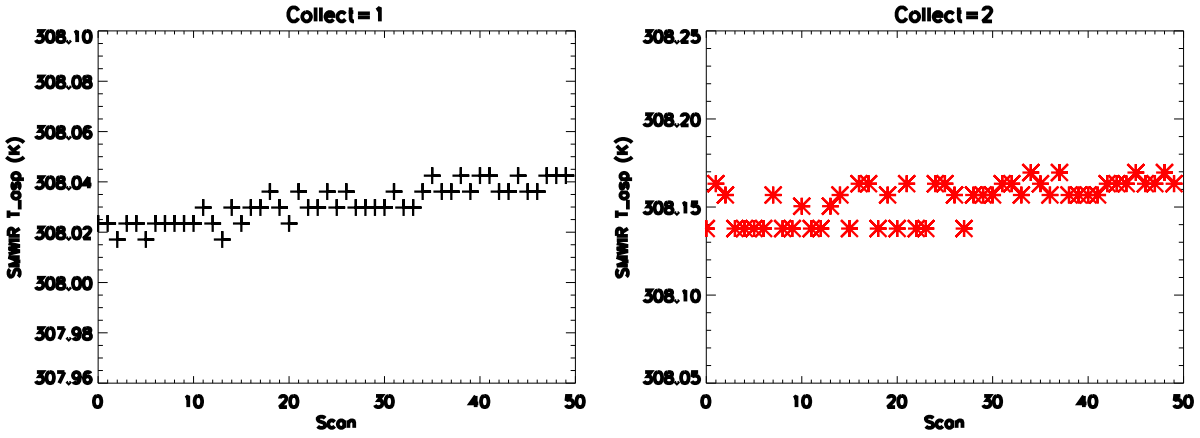

VisNIR T_asp vs Time
VisNIR T_asp (K)
309.0
308.8
308.6
308.4
308.2
308.0
307.8
307.6
−5
0
5
10
15
Time (min)

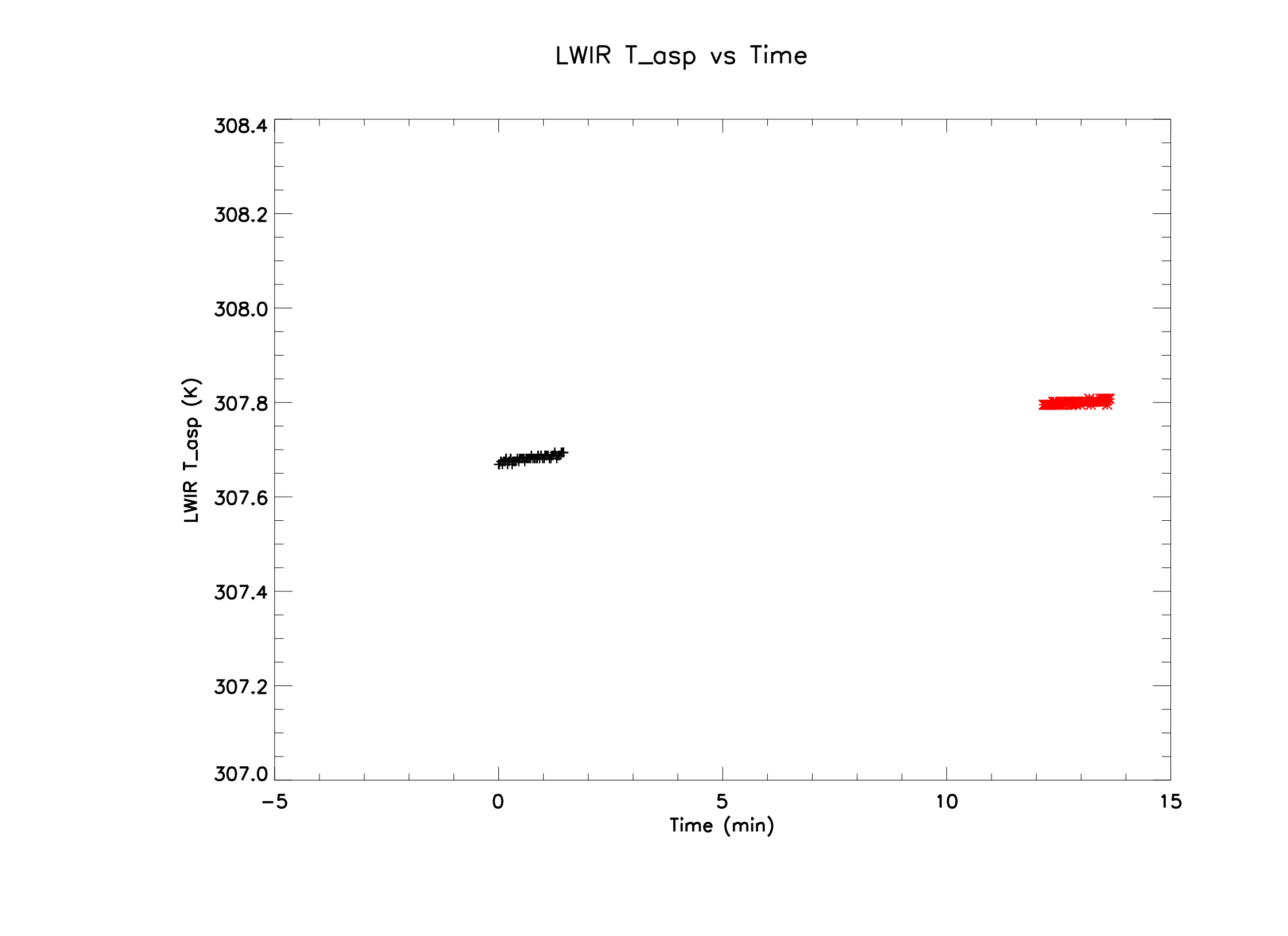
VisNIR T_asp vs Scan



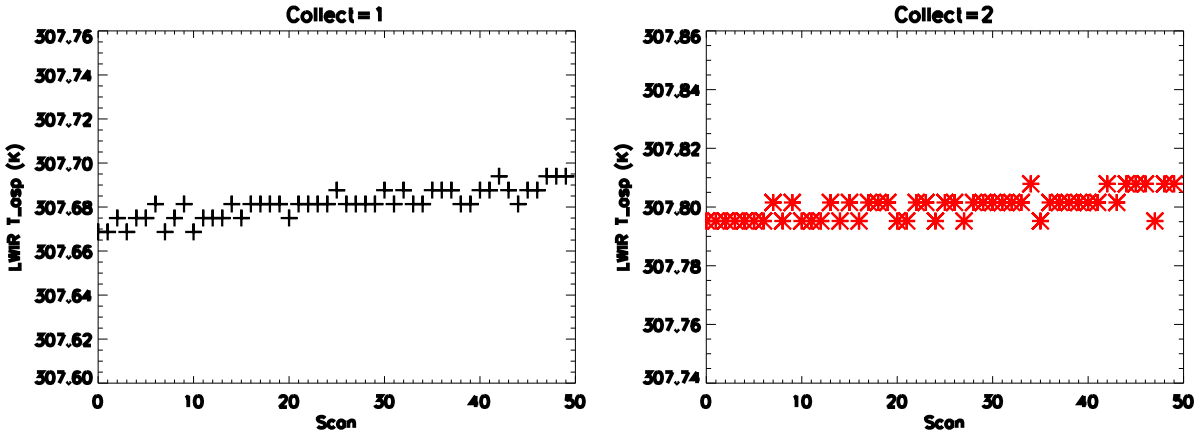

SMWIR T_asp vs Time
SMWIR T_asp (K)
308.8
308.6
308.4
308.2
308.0
307.8
307.6
307.4
−5
0
5
10
15
Time (min)

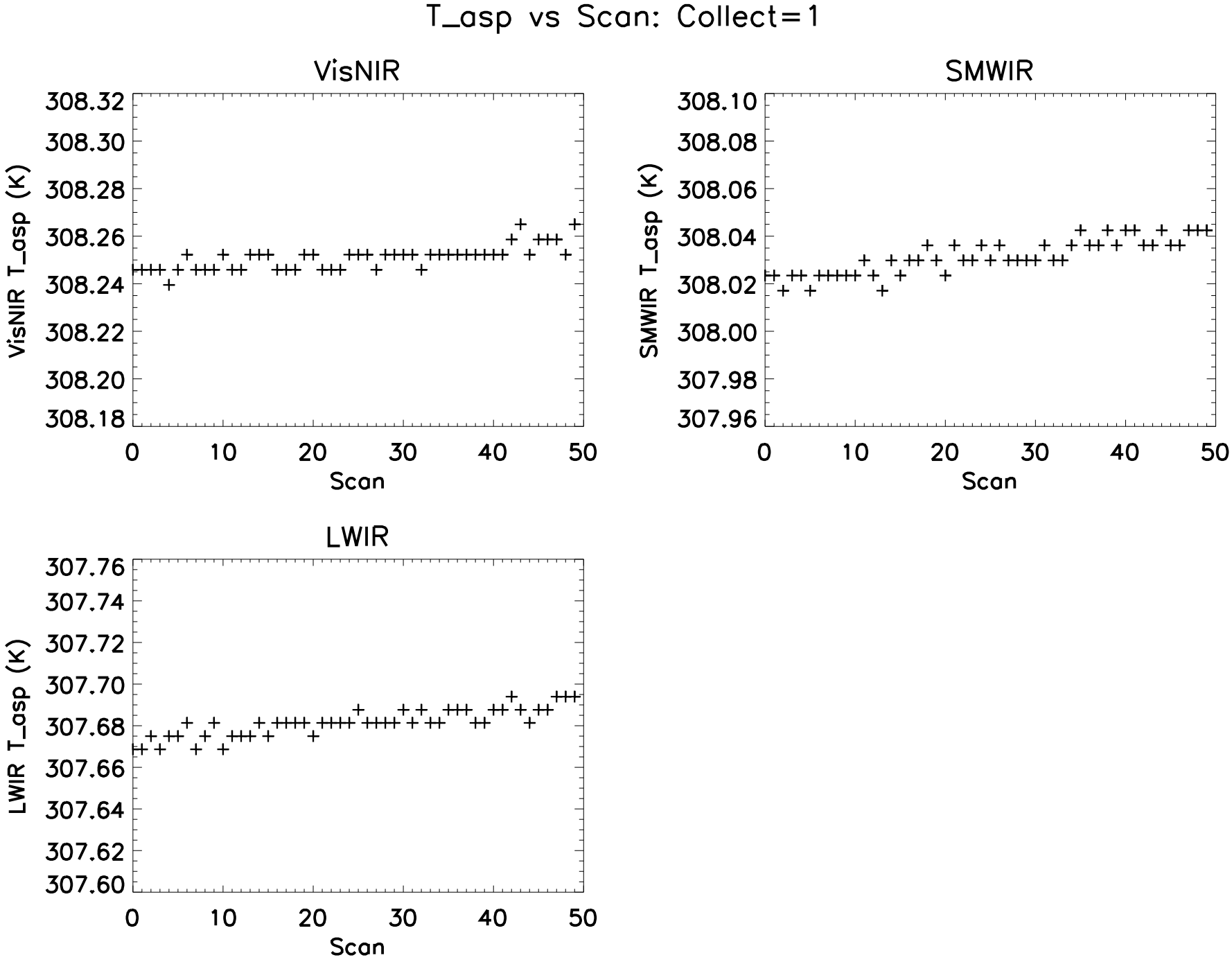
SMWIR T_asp vs Scan

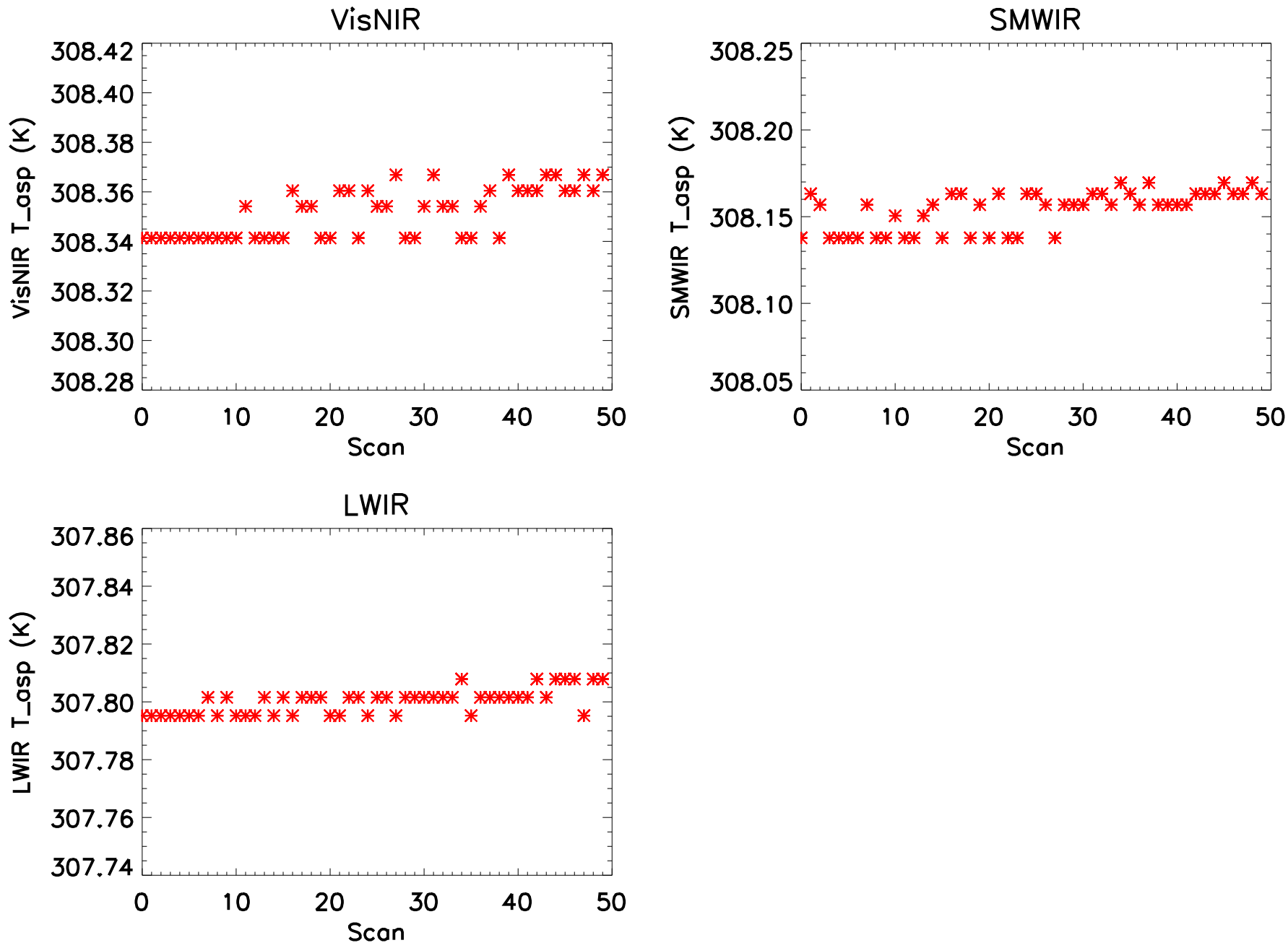


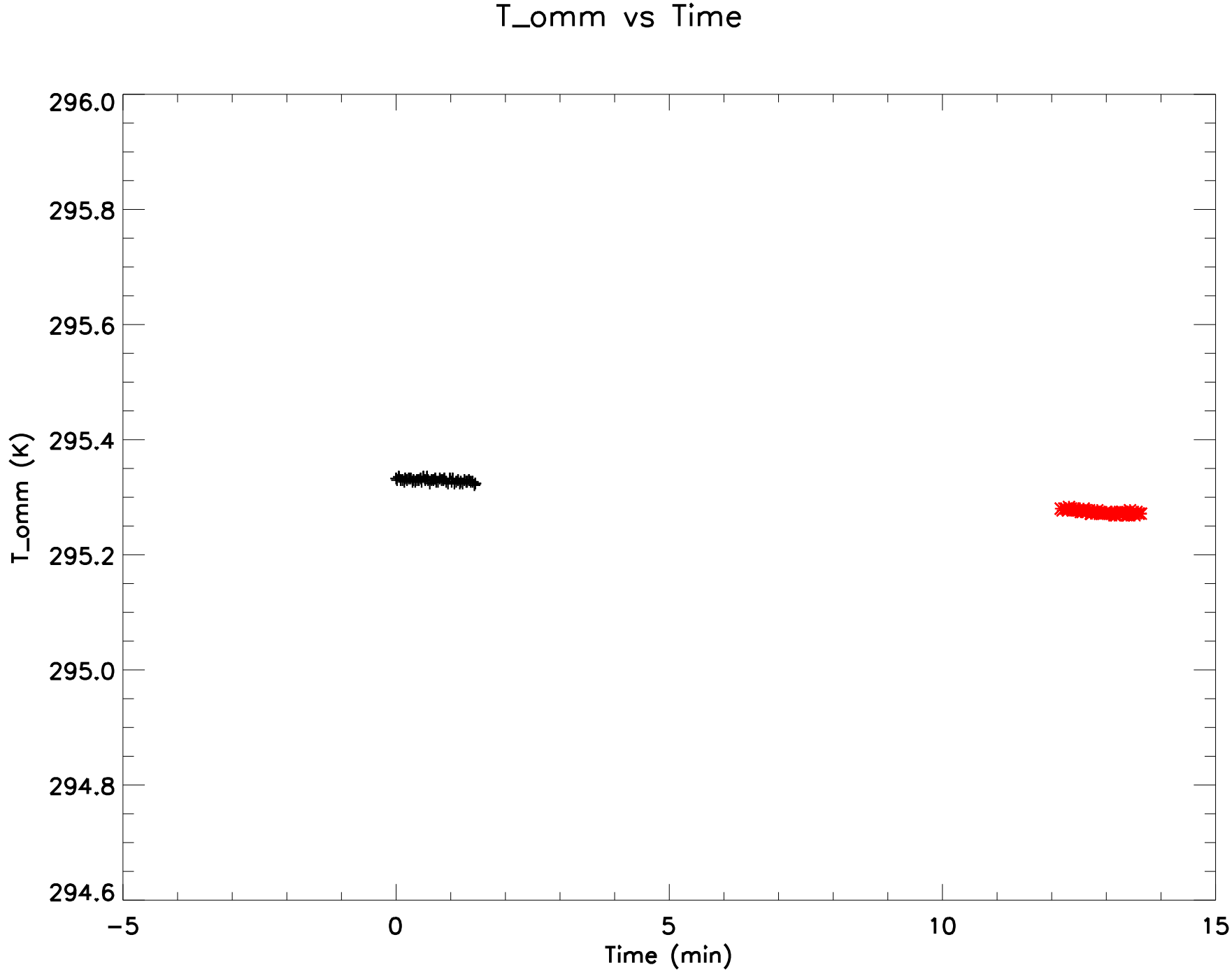

LWIR T_asp vs Time
LWIR T_asp (K)
308.4
308.2
308.0
307.8
307.6
307.4
307.2
307.0
−5
0
5
10
15
Time (min)

LWIR T_asp vs Scan

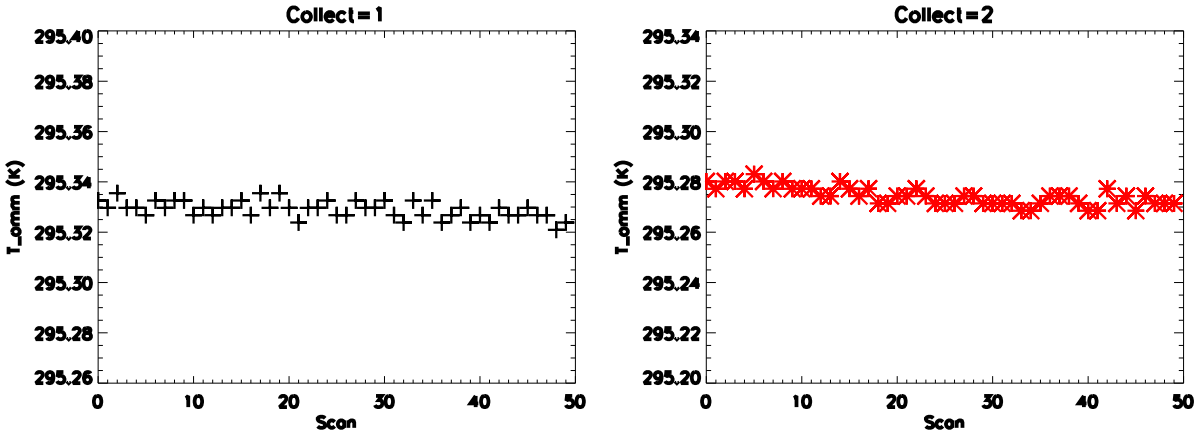



T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
308.32
308.30
308.28
308.26
308.24
308.22
308.20
308.18
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
308.10
308.08
308.06
308.04
308.02
308.00
307.98
307.96
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
307.76
307.74
307.72
307.70
307.68
307.66
307.64
307.62
307.60
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
308.42
308.40
308.38
308.36
308.34
308.32
308.30
308.28
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
308.25
308.20
308.15
308.10
308.05
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
307.86
307.84
307.82
307.80
307.78
307.76
307.74
0
10
20
30
40
50
Scan


T_omm vs Time
296.0
295.8
295.6
295.4
295.2
295.0
294.8
294.6
T_omm (K)
−5
0
5
10
15
Time (min)

T_omm vs Scan


Collect = 1
T_omm (K)
295.40
295.38
295.36
295.34
295.32
295.30
295.28
295.26
0
10
20
30
40
50
Scan
Collect = 2
T_omm (K)
295.34
295.32
295.30
295.28
295.26
295.24
295.22
295.20
0
10
20
30
40
50
Scan