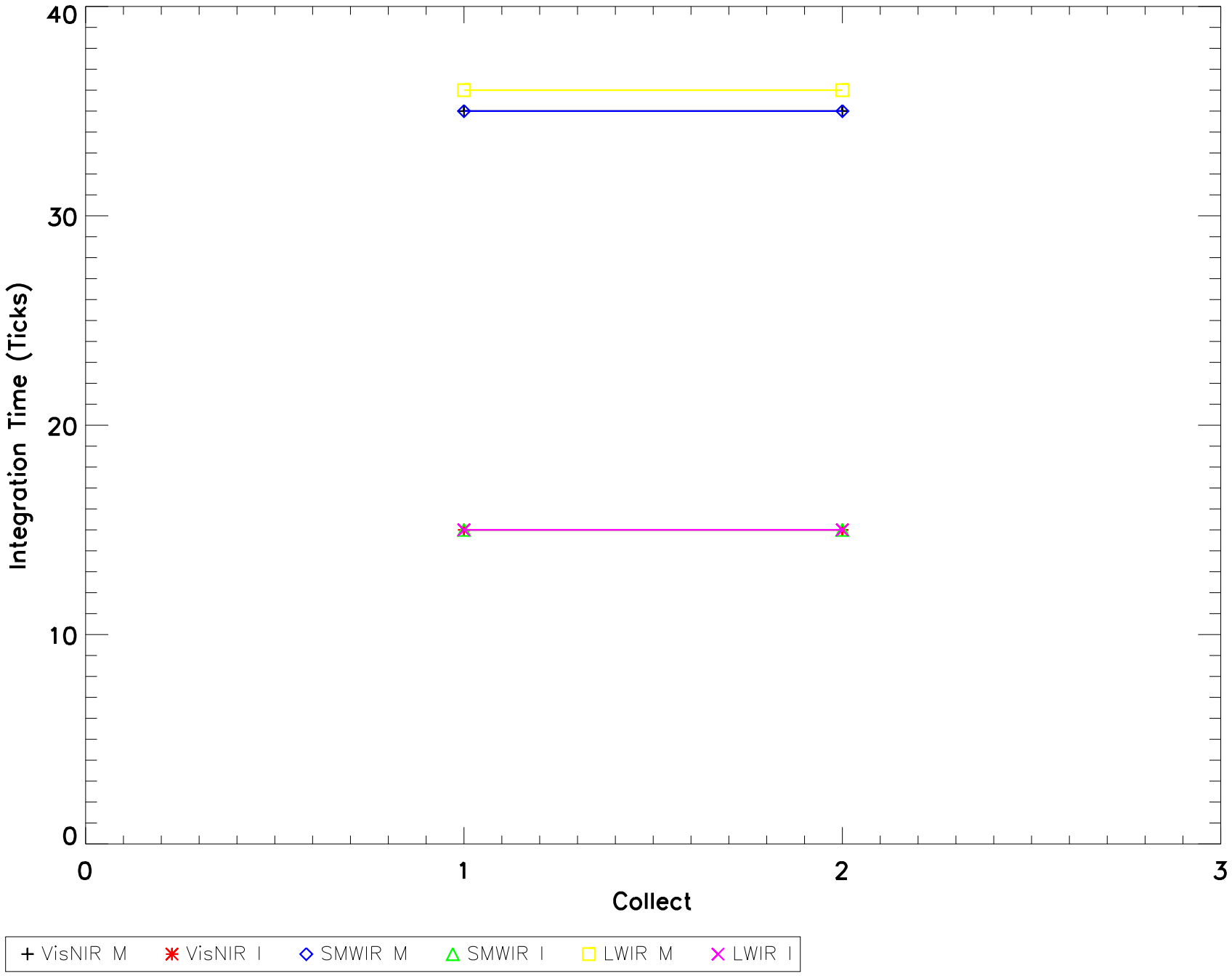
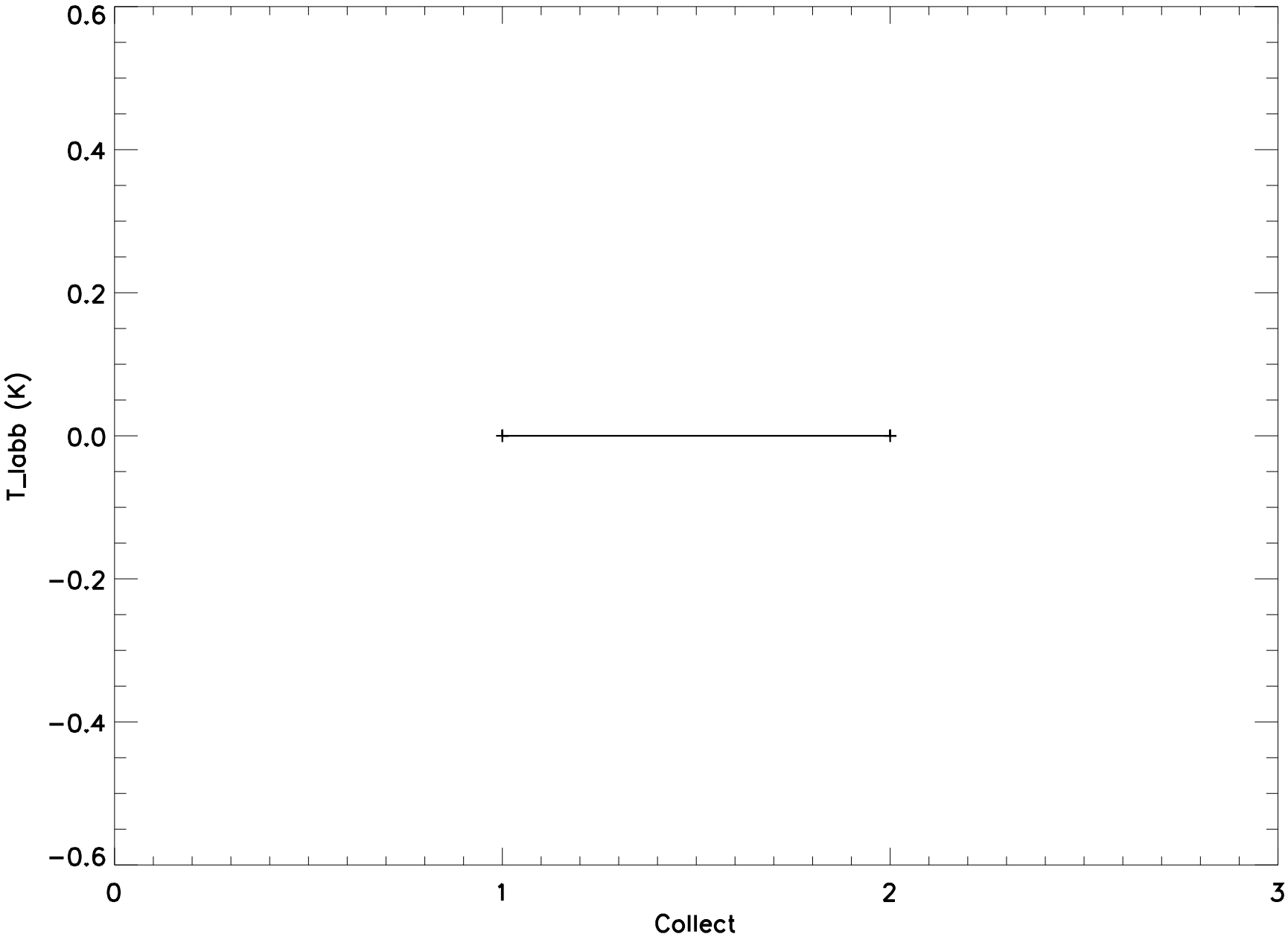
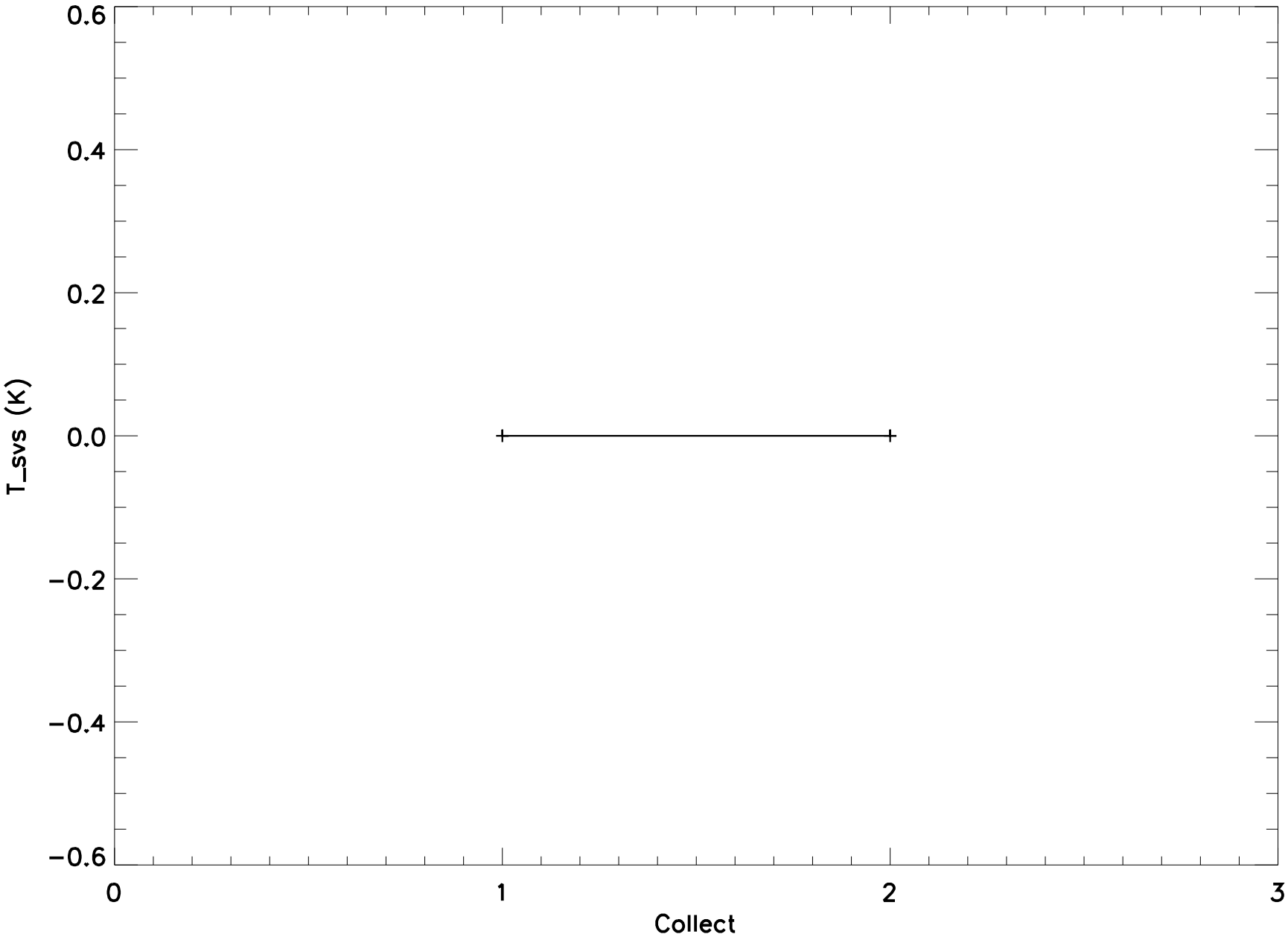
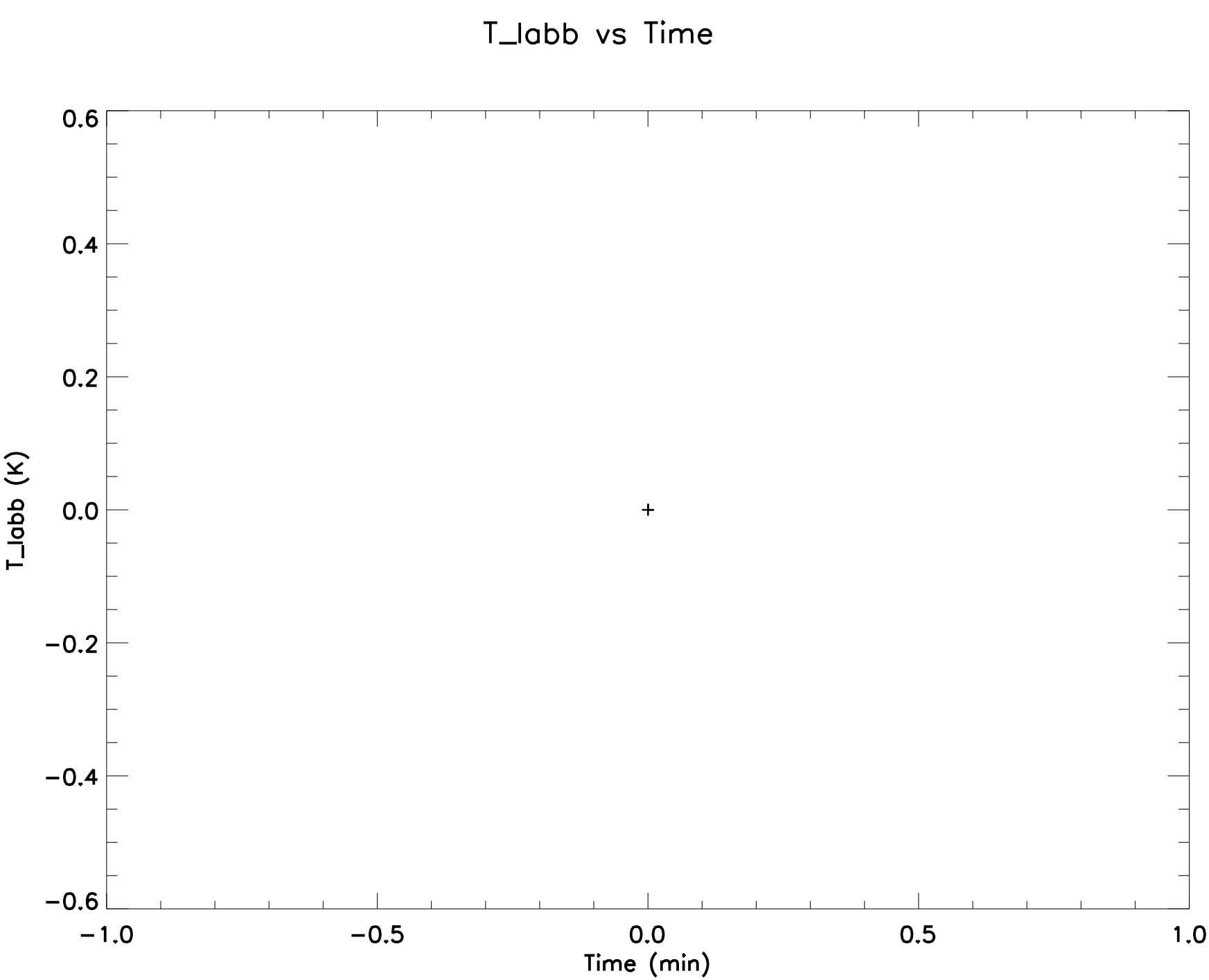
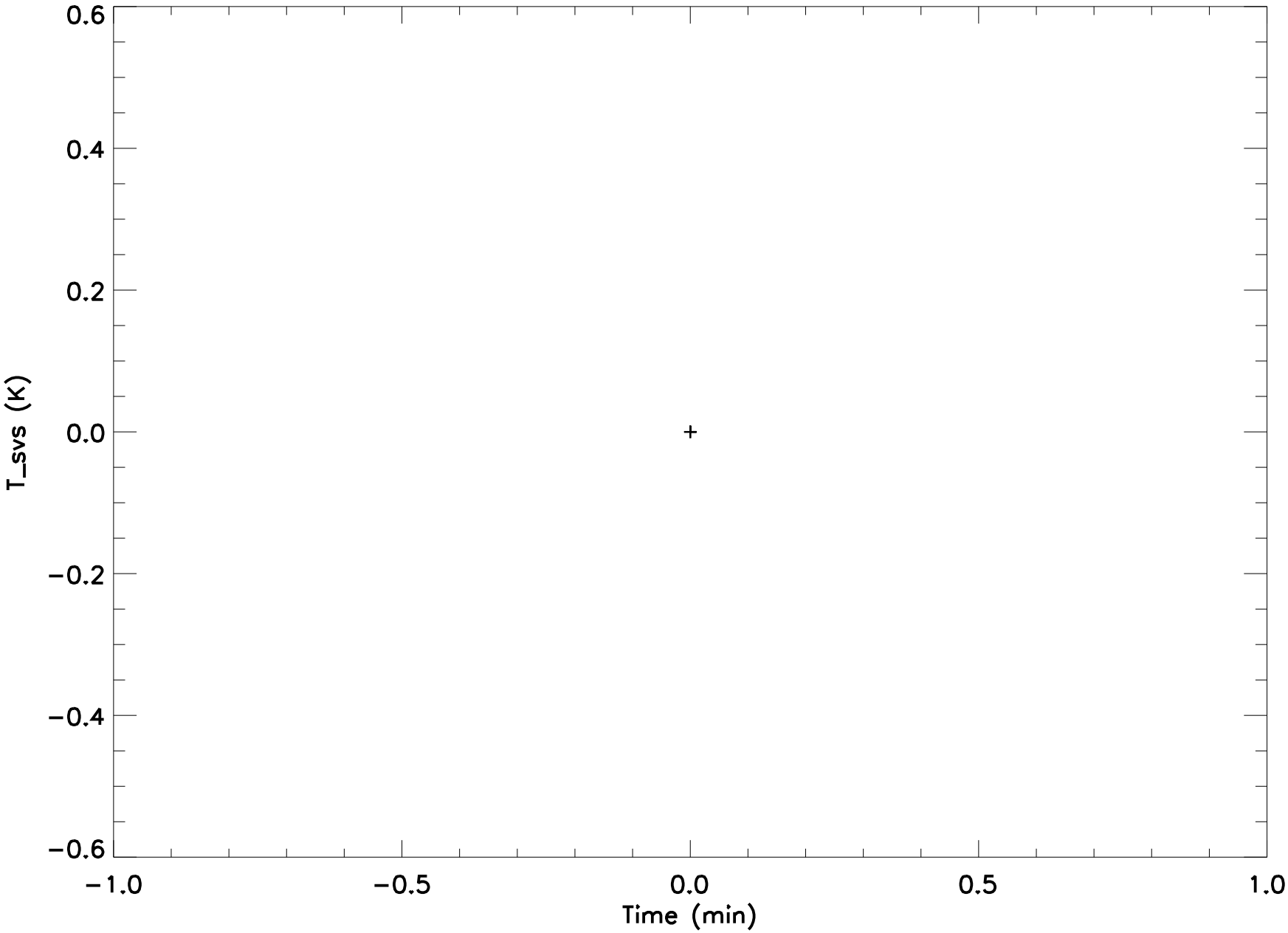
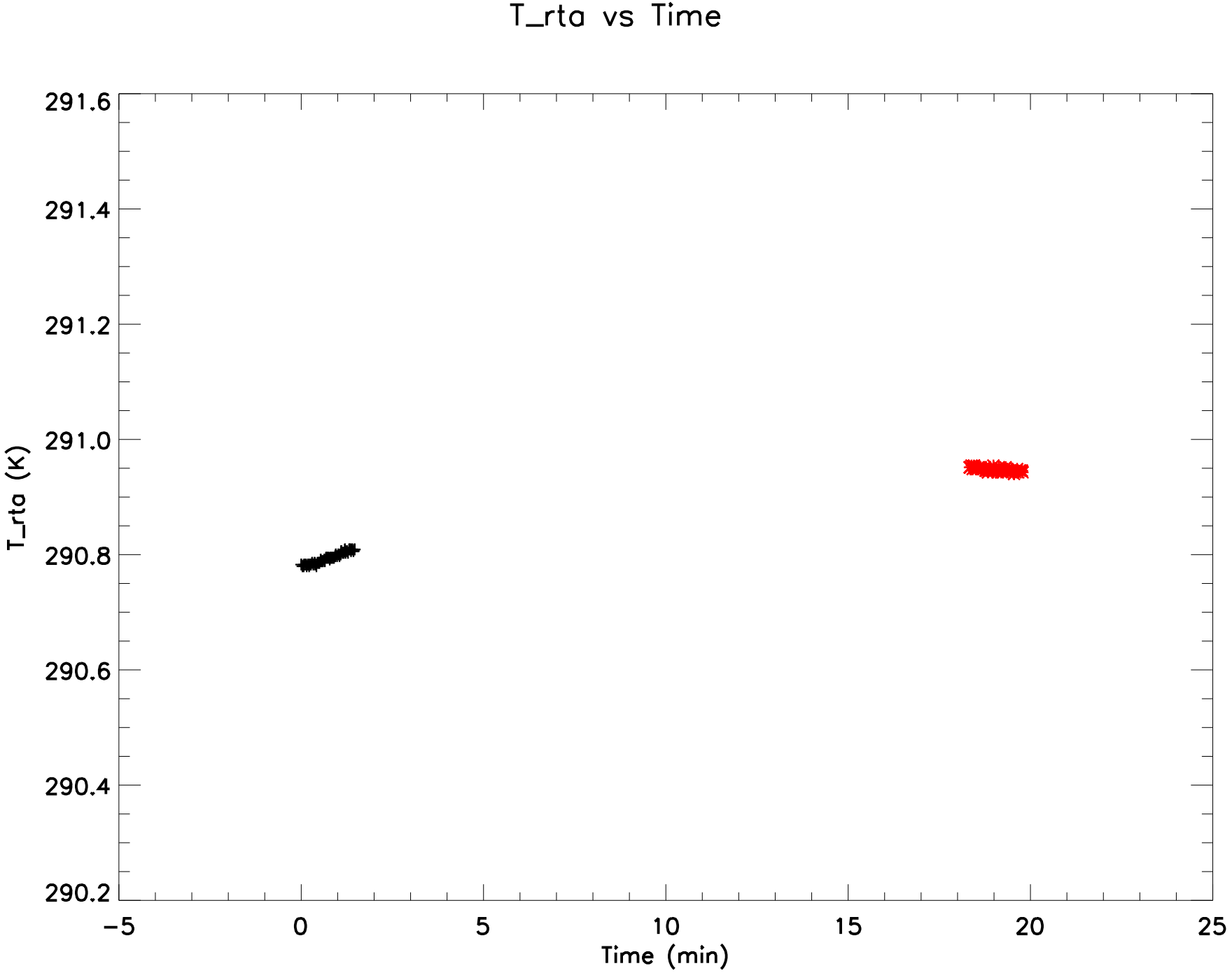

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
1
2
3
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

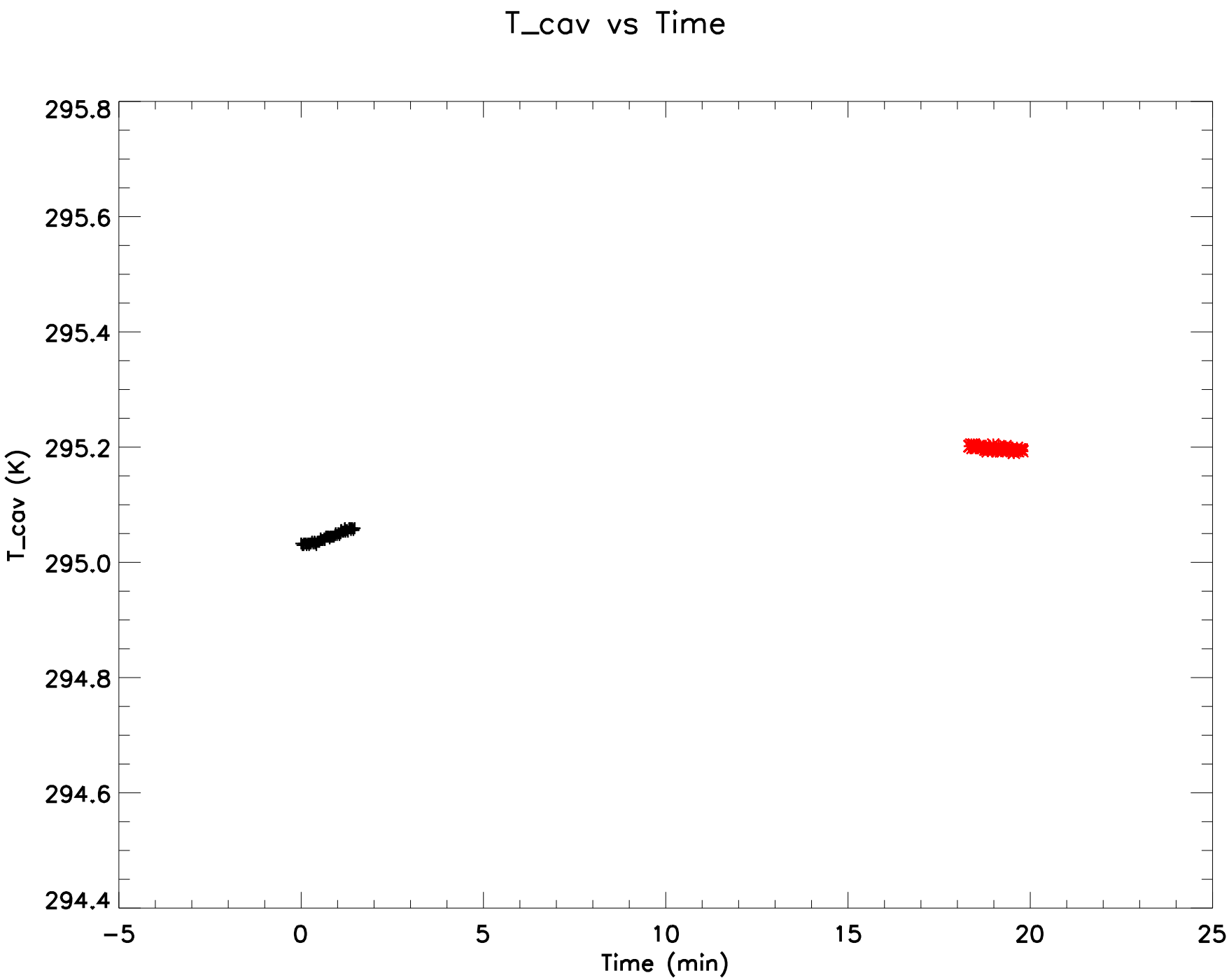

T_labb vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
0
1
2
3
Collect

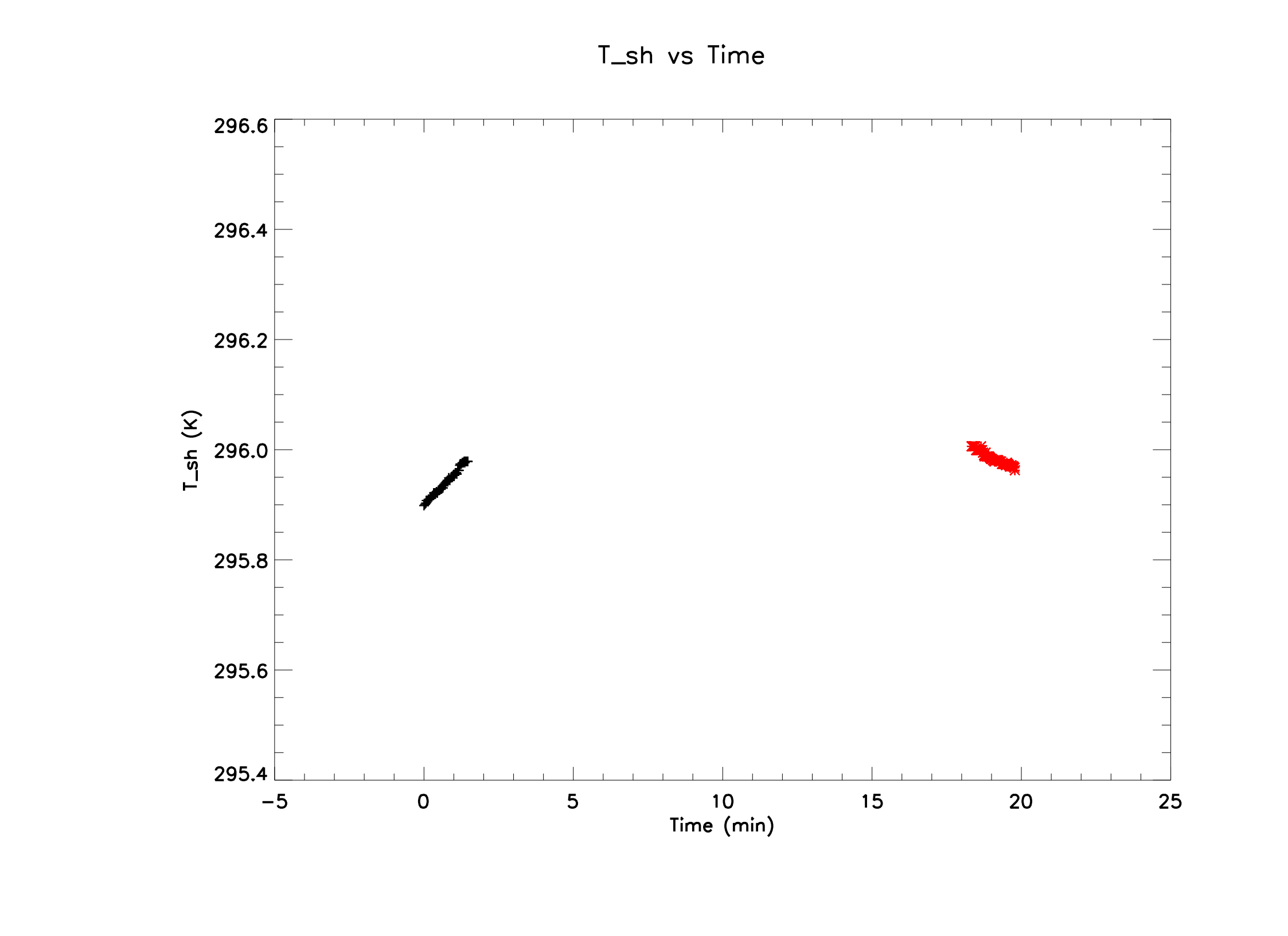

T_svs vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
0
1
2
3
Collect

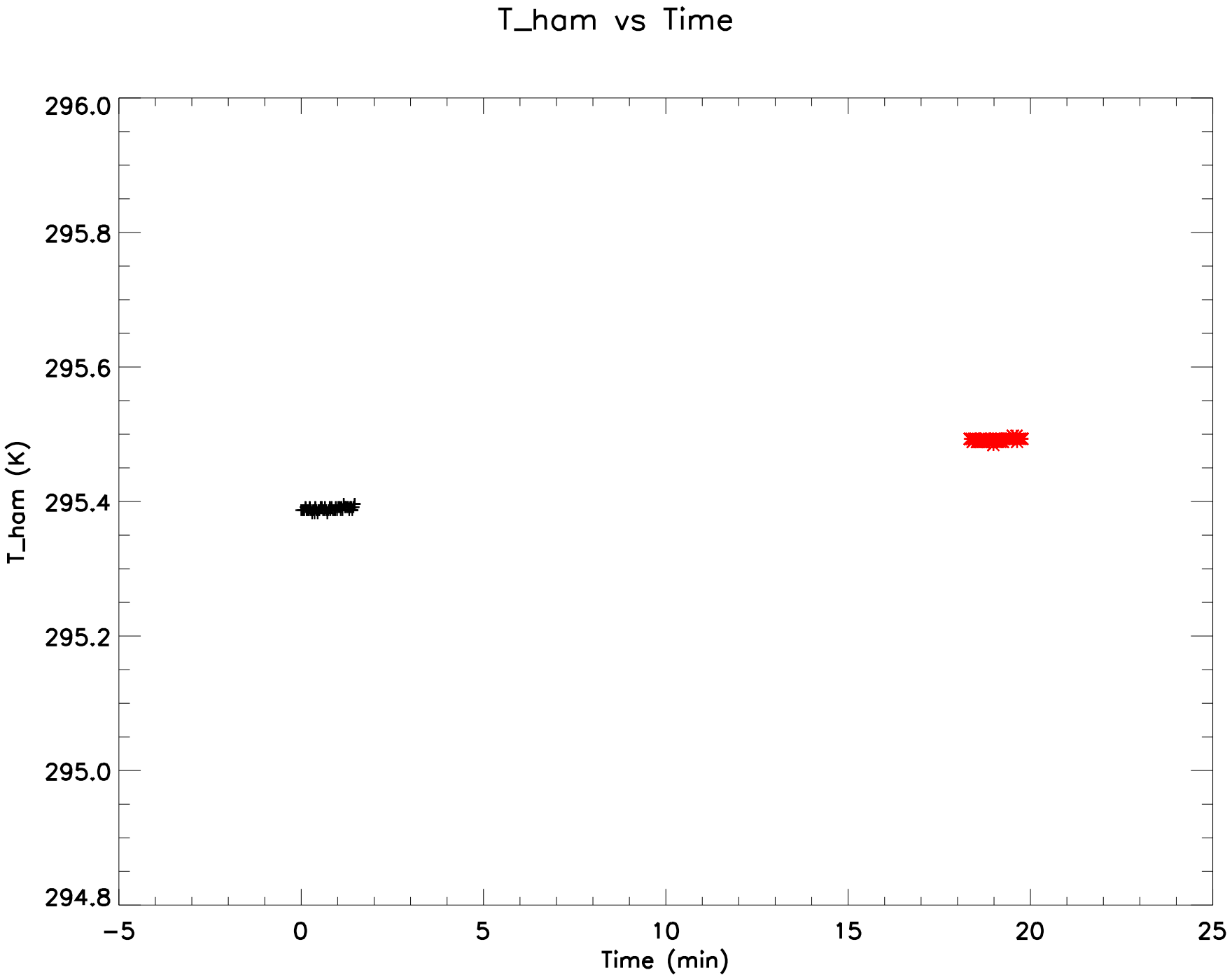

T_labb vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

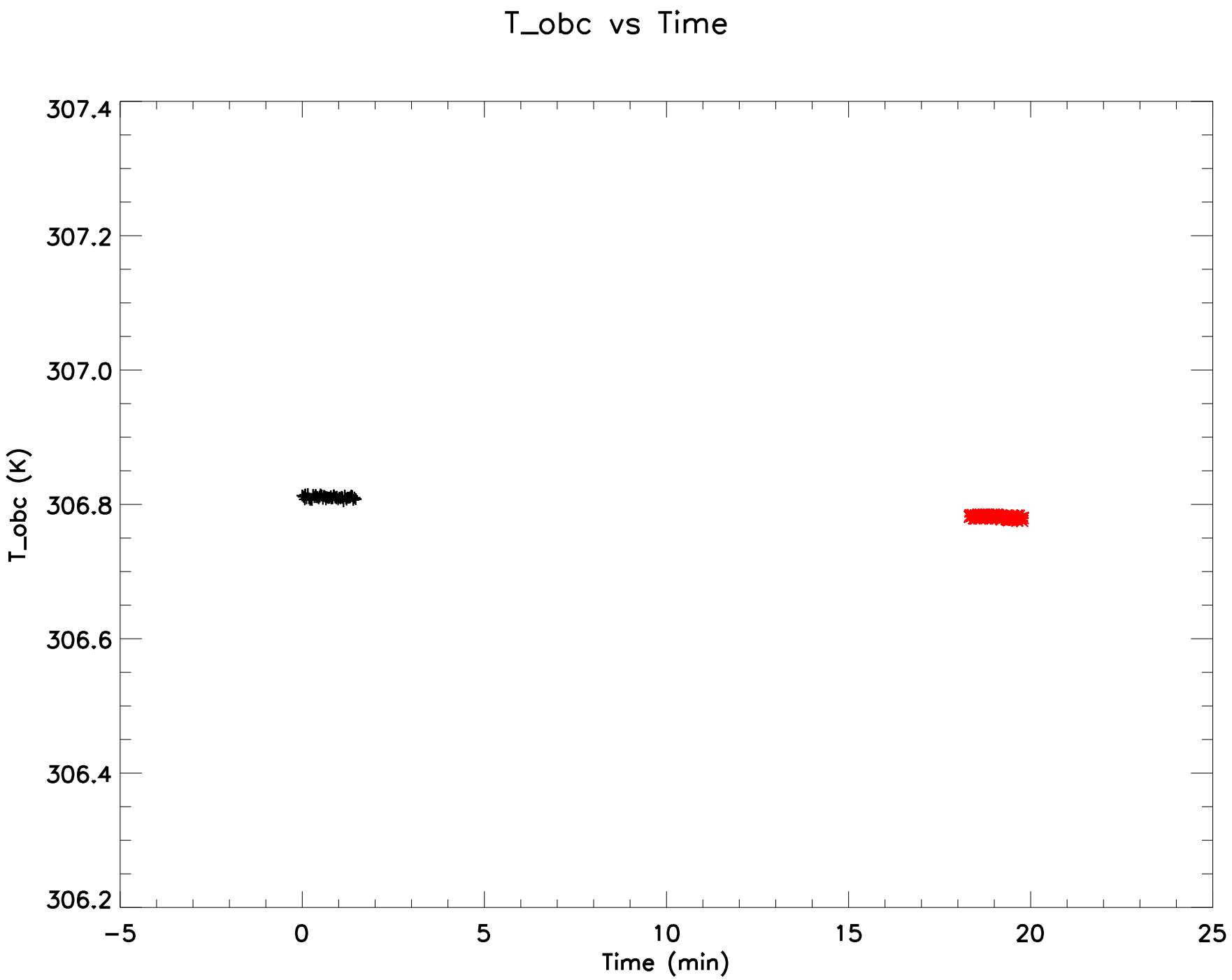

T_svs vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)


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
20
25
Time (min)

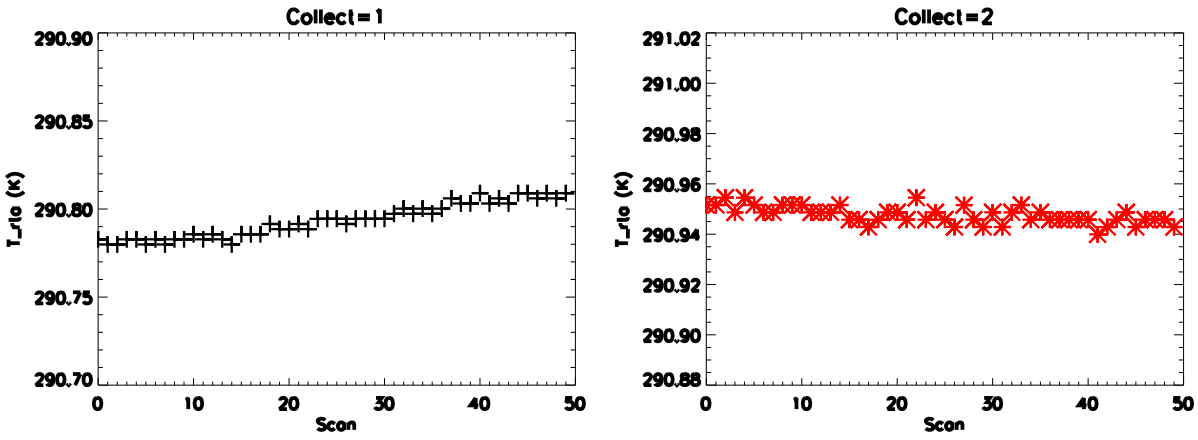

T_cav vs Time
295.8
295.6
295.4
295.2
295.0
294.8
294.6
294.4
T_cav (K)
−5
0
5
10
15
20
25
Time (min)


T_sh vs Time
296.6
296.4
296.2
296.0
295.8
295.6
295.4
T_sh (K)
−5
0
5
10
15
20
25
Time (min)

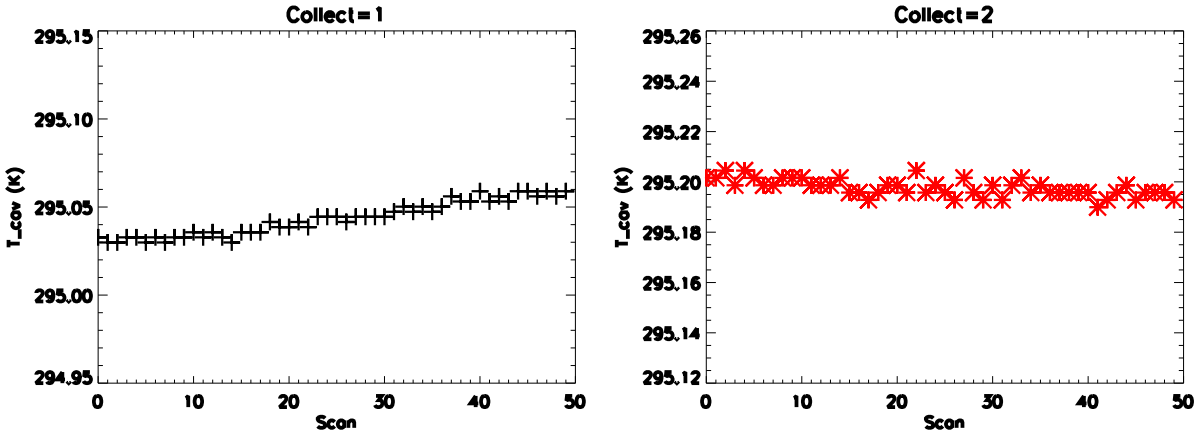

T_ham vs Time
296.0
295.8
295.6
295.4
295.2
295.0
294.8
T_ham (K)
−5
0
5
10
15
20
25
Time (min)


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
20
25
Time (min)

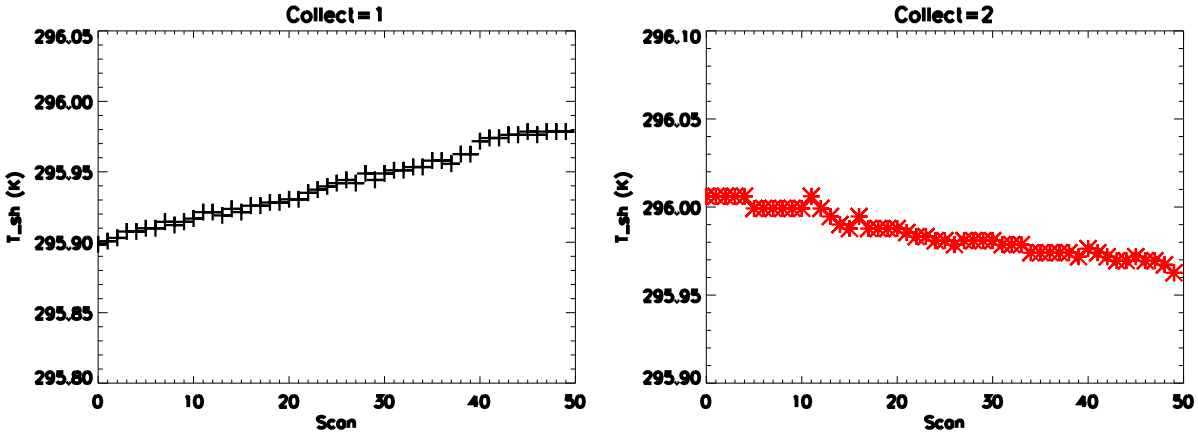
# T_rta vs Scan


Collect = 1
T_rta (K)
290.90
290.85
290.80
290.75
290.70
0
10
20
30
40
50
Scan
Collect = 2
T_rta (K)
291.02
291.00
290.98
290.96
290.94
290.92
290.90
290.88
0
10
20
30
40
50
Scan

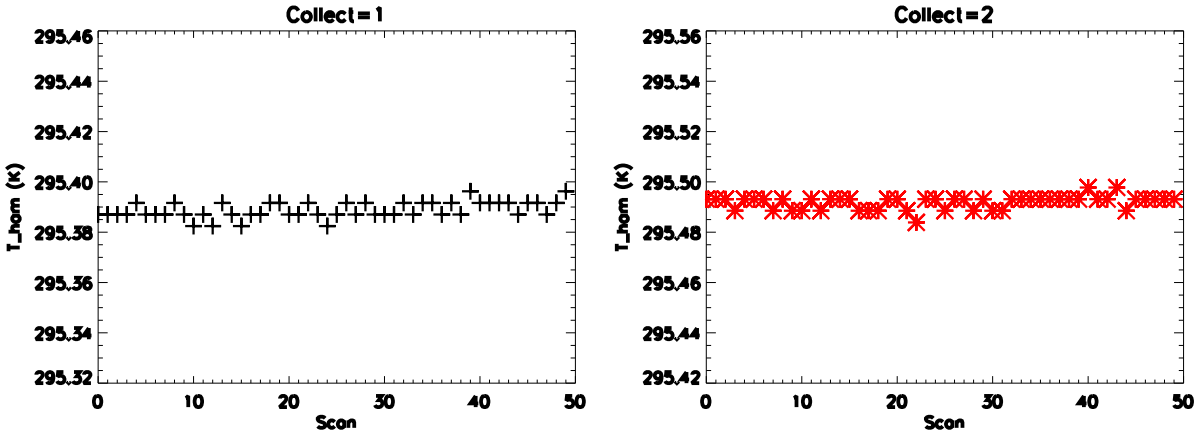
# T_cav vs Scan


Collect = 1
T_cav (K)
295.15
295.10
295.05
295.00
294.95
0
10
20
30
40
50
Scan
Collect = 2
T_cav (K)
295.26
295.24
295.22
295.20
295.18
295.16
295.14
295.12
0
10
20
30
40
50
Scan

# T_sh vs Scan

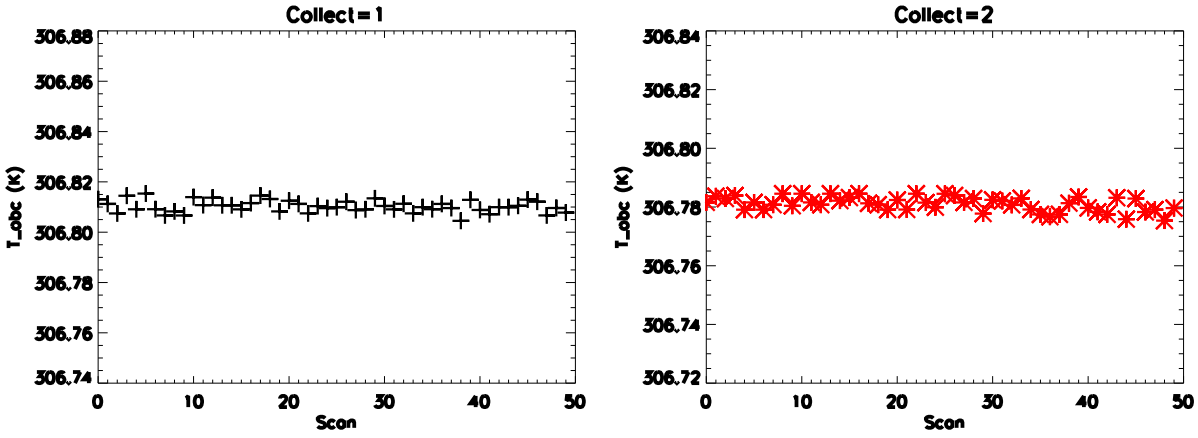

Collect = 1
296.05
296.00
295.95
295.90
295.85
295.80
T_sh (K)
0
10
20
30
40
50
Scan
Collect = 2
296.10
296.05
296.00
295.95
295.90
T_sh (K)
0
10
20
30
40
50
Scan

# T_ham vs Scan


Collect = 1
T_ham (K)
295.46
295.44
295.42
295.40
295.38
295.36
295.34
295.32
0
10
20
30
40
50
Scan

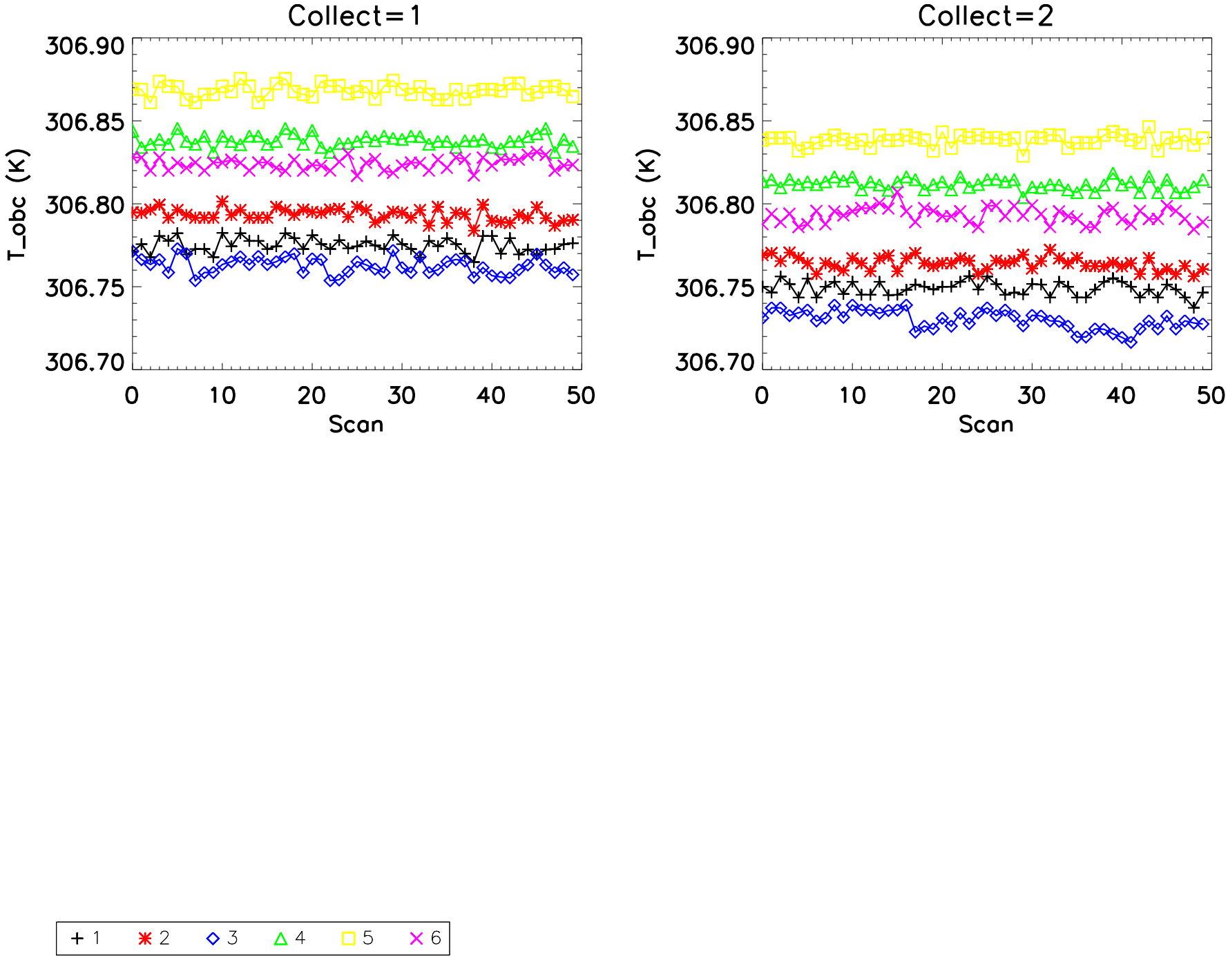

Collect = 2
T_ham (K)
295.56
295.54
295.52
295.50
295.48
295.46
295.44
295.42
0
10
20
30
40
50
Scan

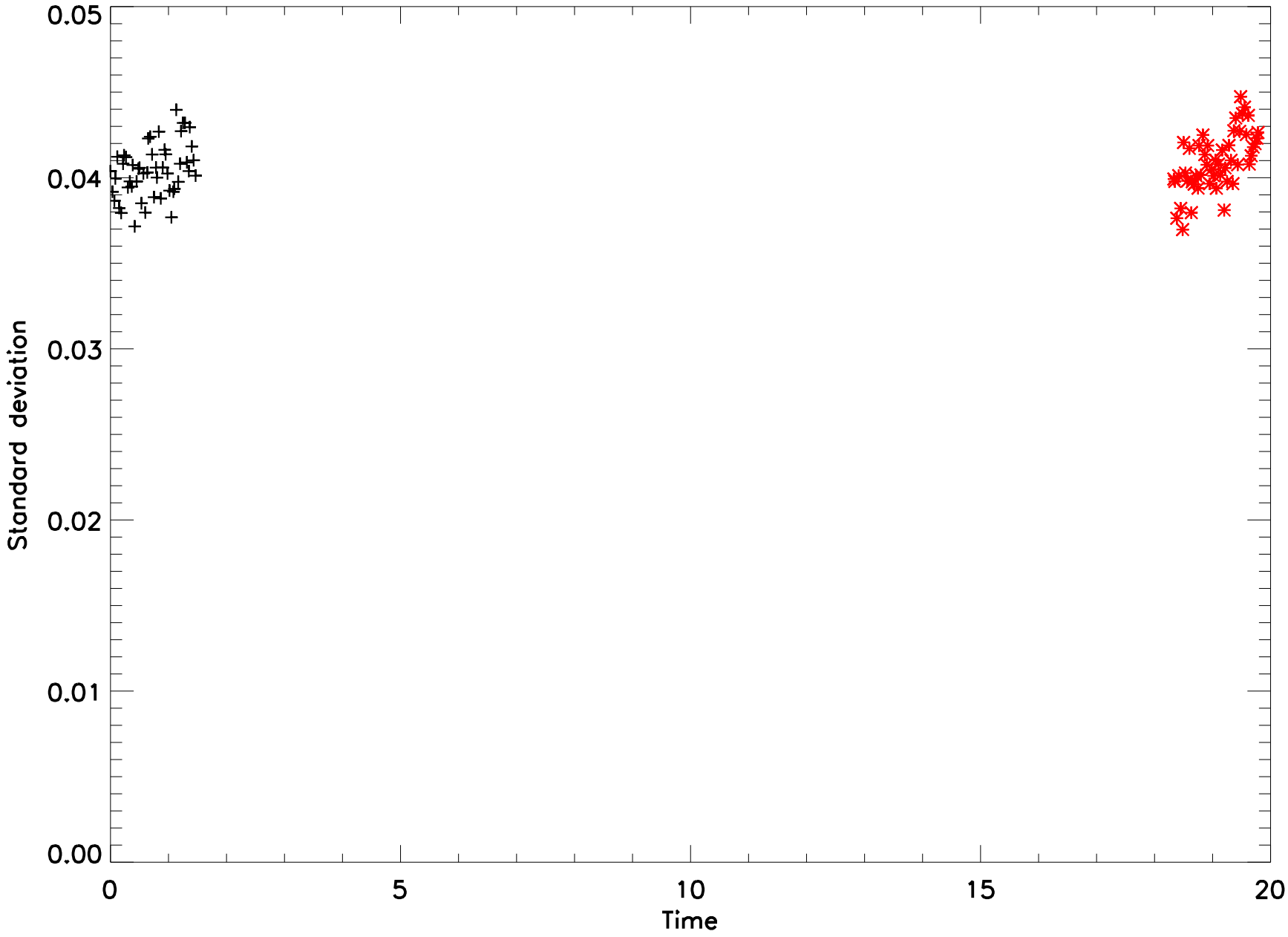
# T_obc vs Scan

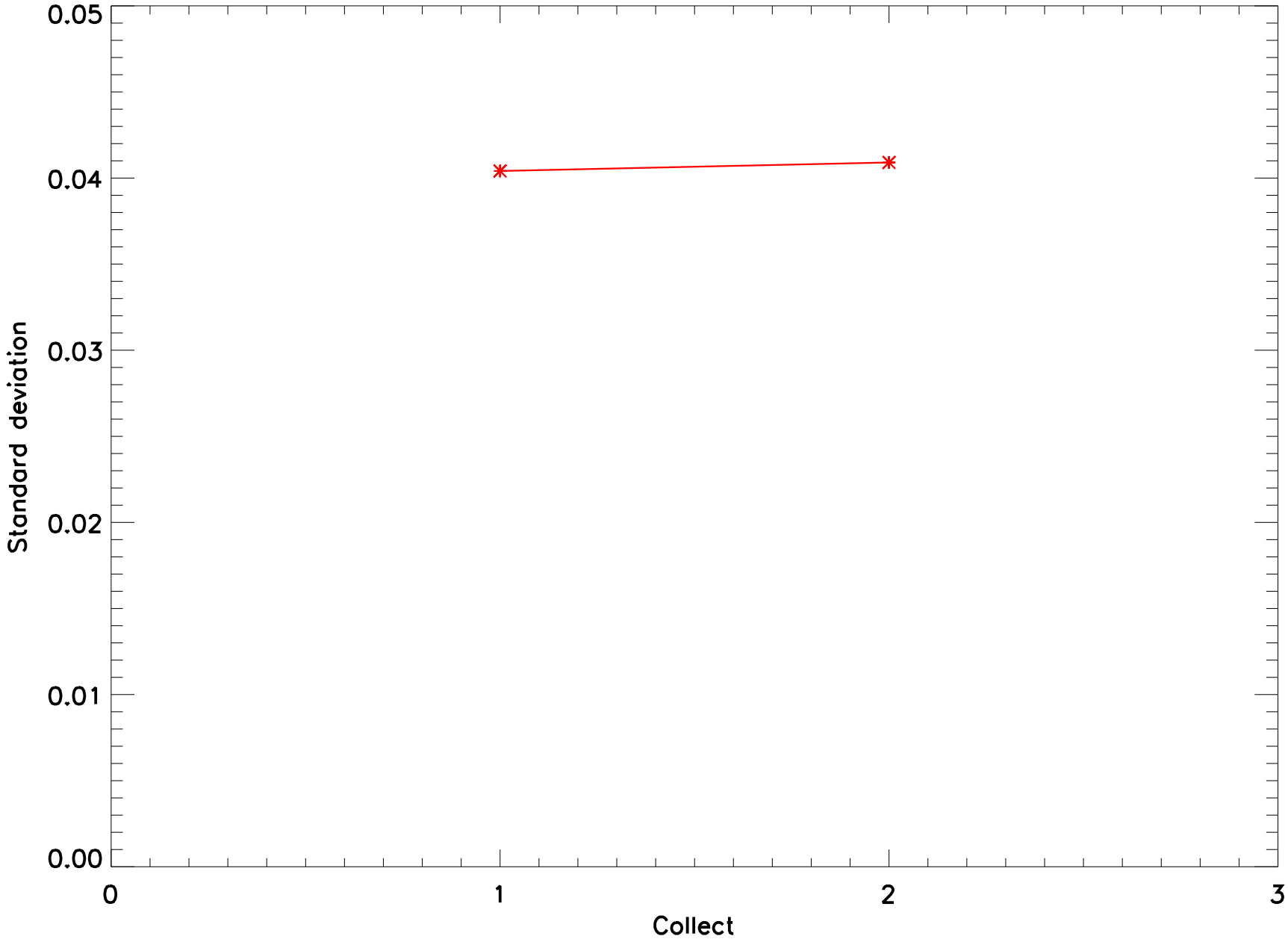

Collect = 1
T_obc (K)
306.88
306.86
306.84
306.82
306.80
306.78
306.76
306.74
0
10
20
30
40
50
Scan

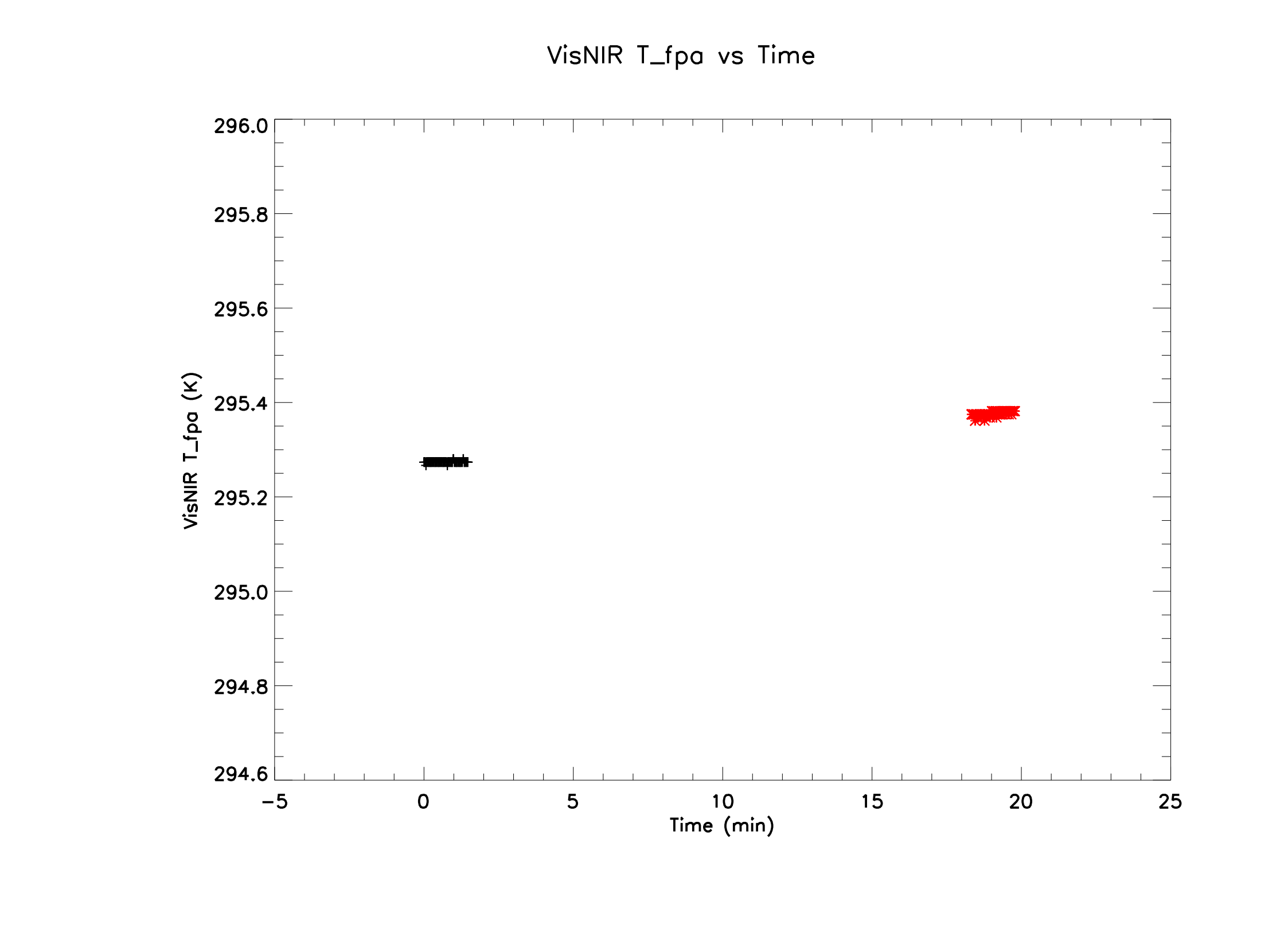

Collect = 2
T_obc (K)
306.84
306.82
306.80
306.78
306.76
306.74
306.72
0
10
20
30
40
50
Scan

# T_OBC per thermistors vs Scan

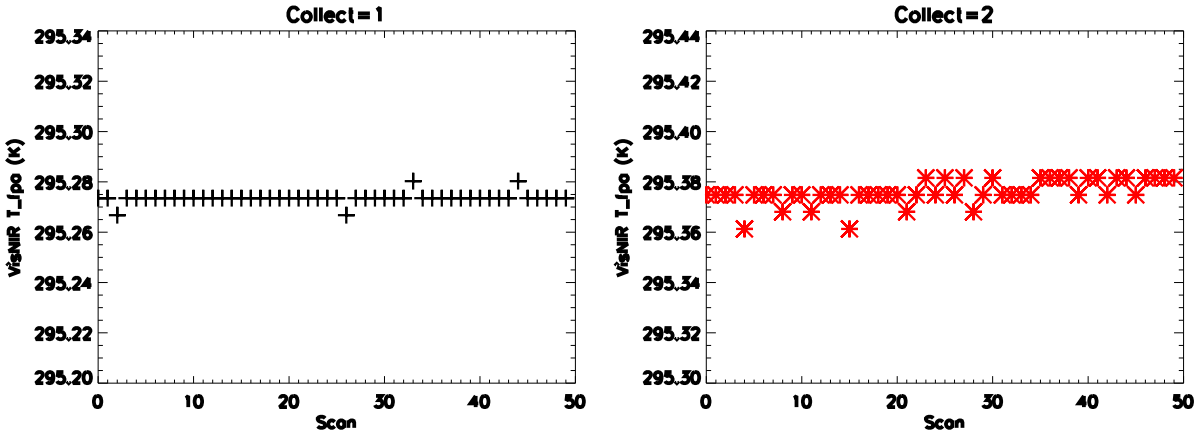


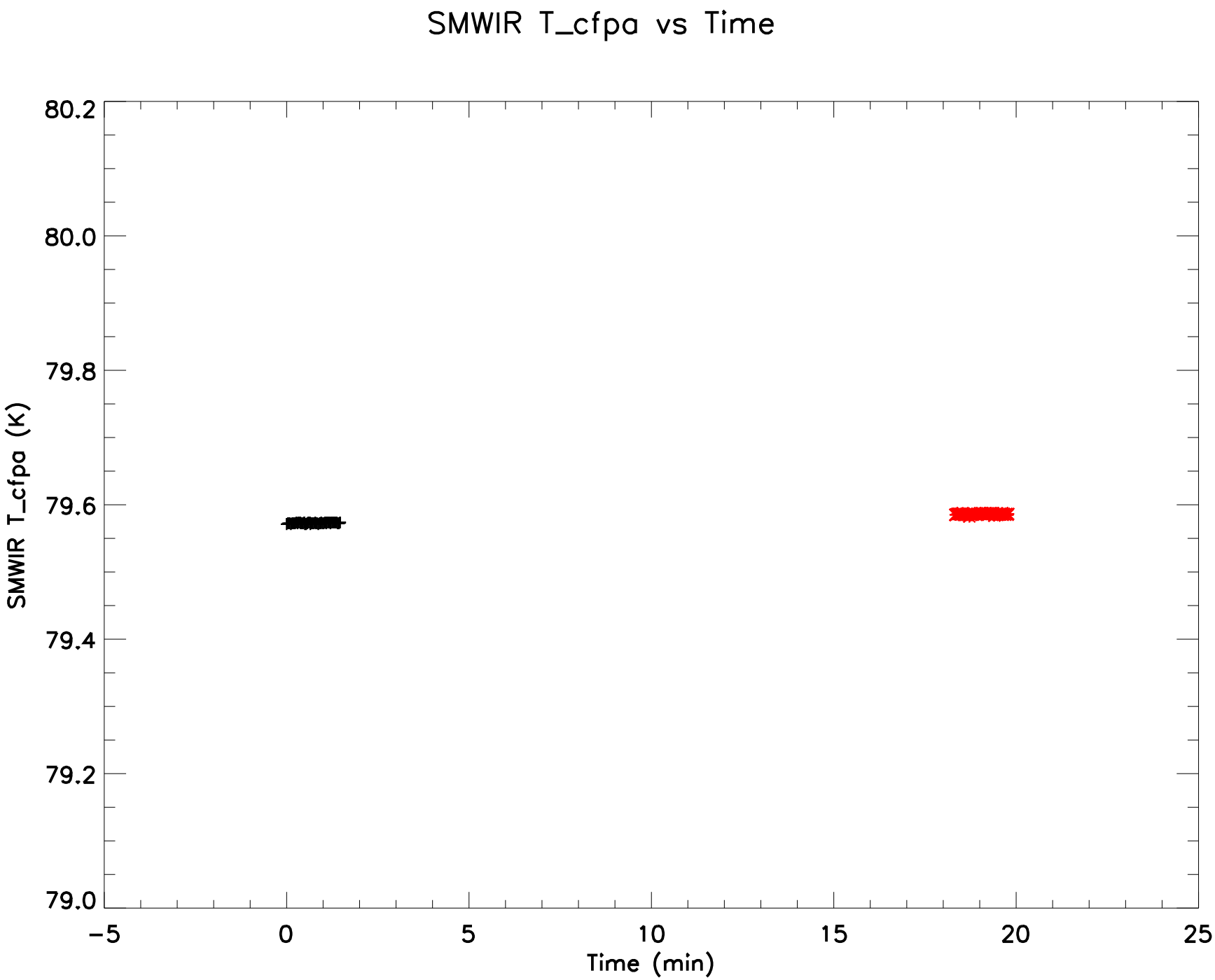

OBC thermistor standard deviation vs Time
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
Time


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

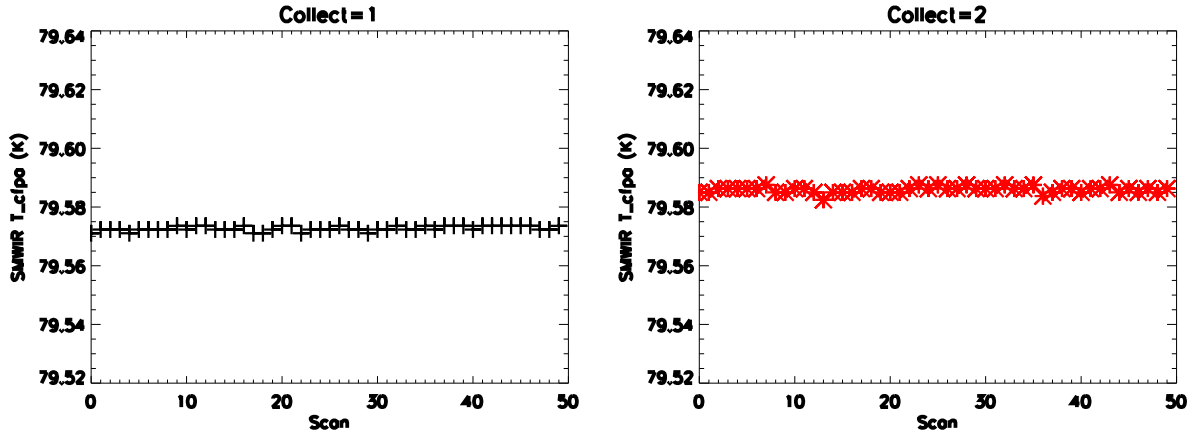

VisNIR T_fpa vs Time
VisNIR T_fpa (K)
296.0
295.8
295.6
295.4
295.2
295.0
294.8
294.6
−5
0
5
10
15
20
25
Time (min)

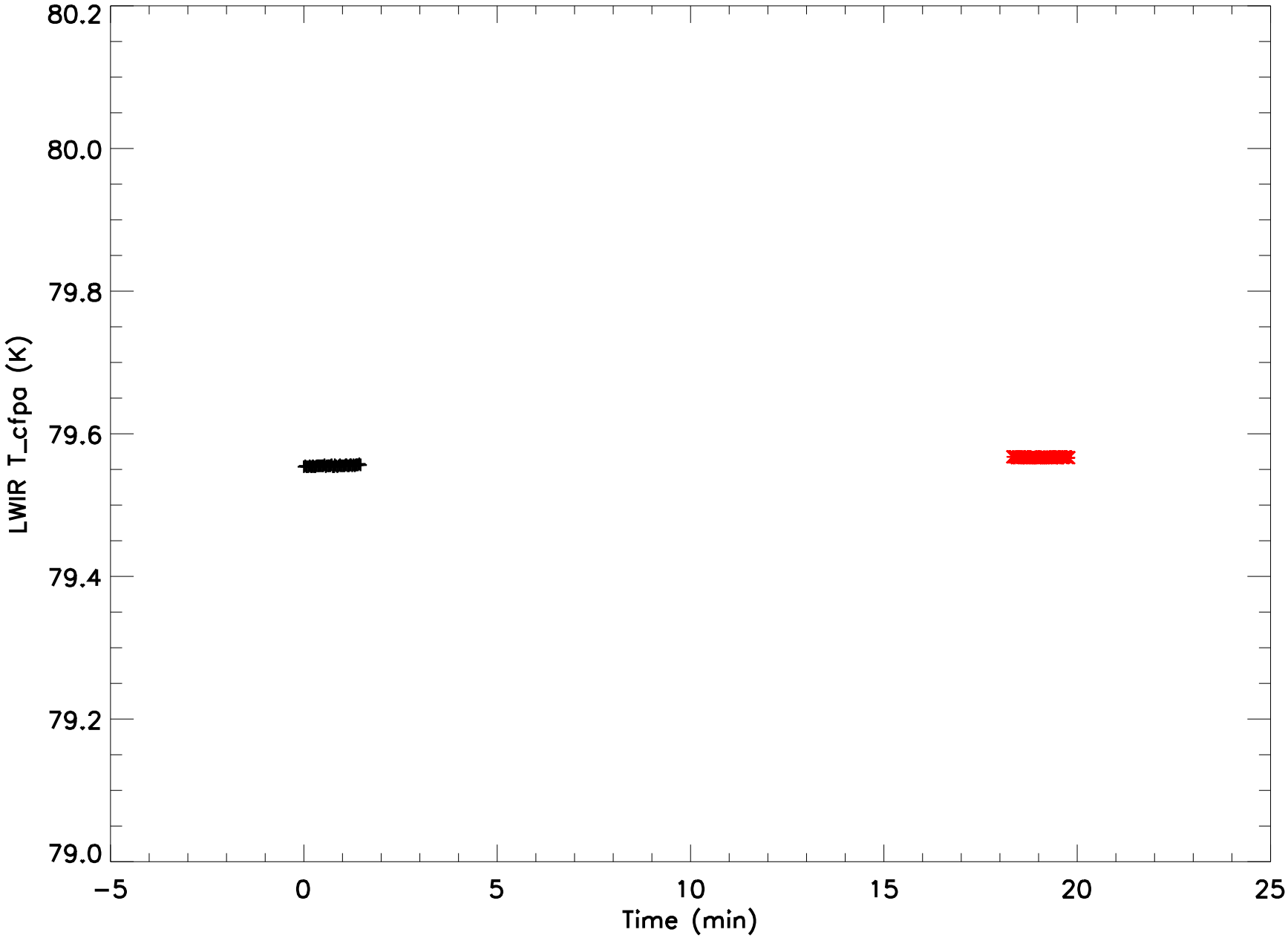
# VisNIR T_fpa vs Scan



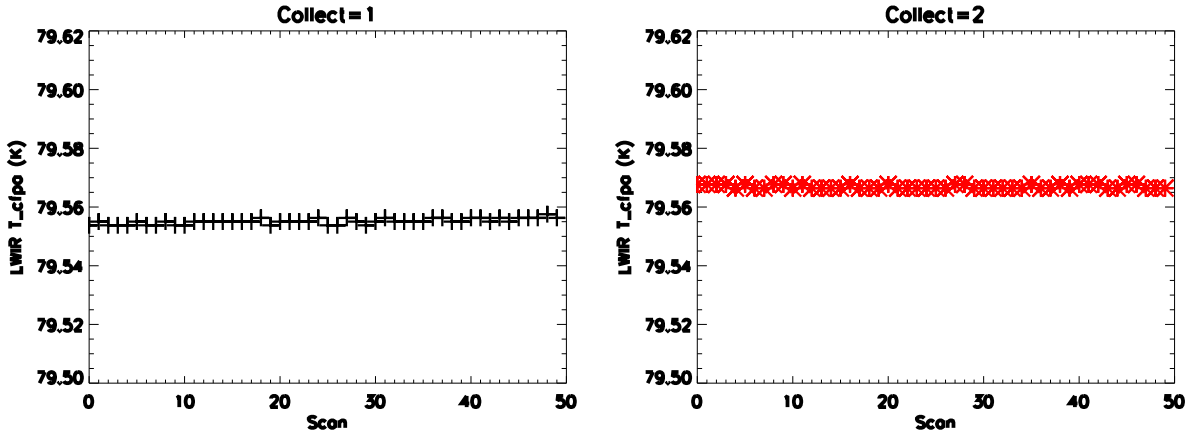

SMWIR T_cfpa vs Time
80.2
80.0
79.8
79.6
79.4
79.2
79.0
SMWIR T_cfpa (K)
−5
0
5
10
15
20
25
Time (min)

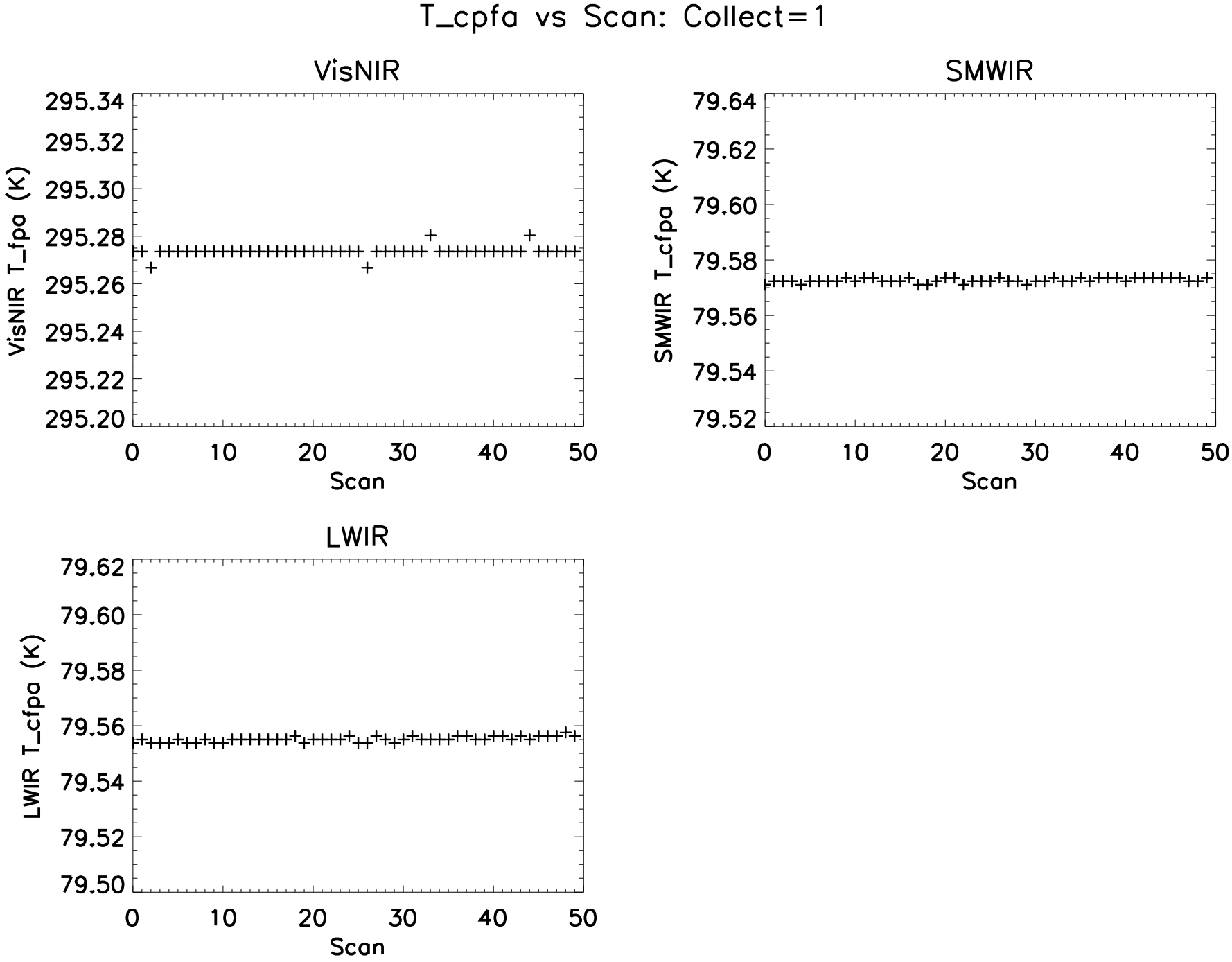
# SMWIR T_cfpa vs Scan

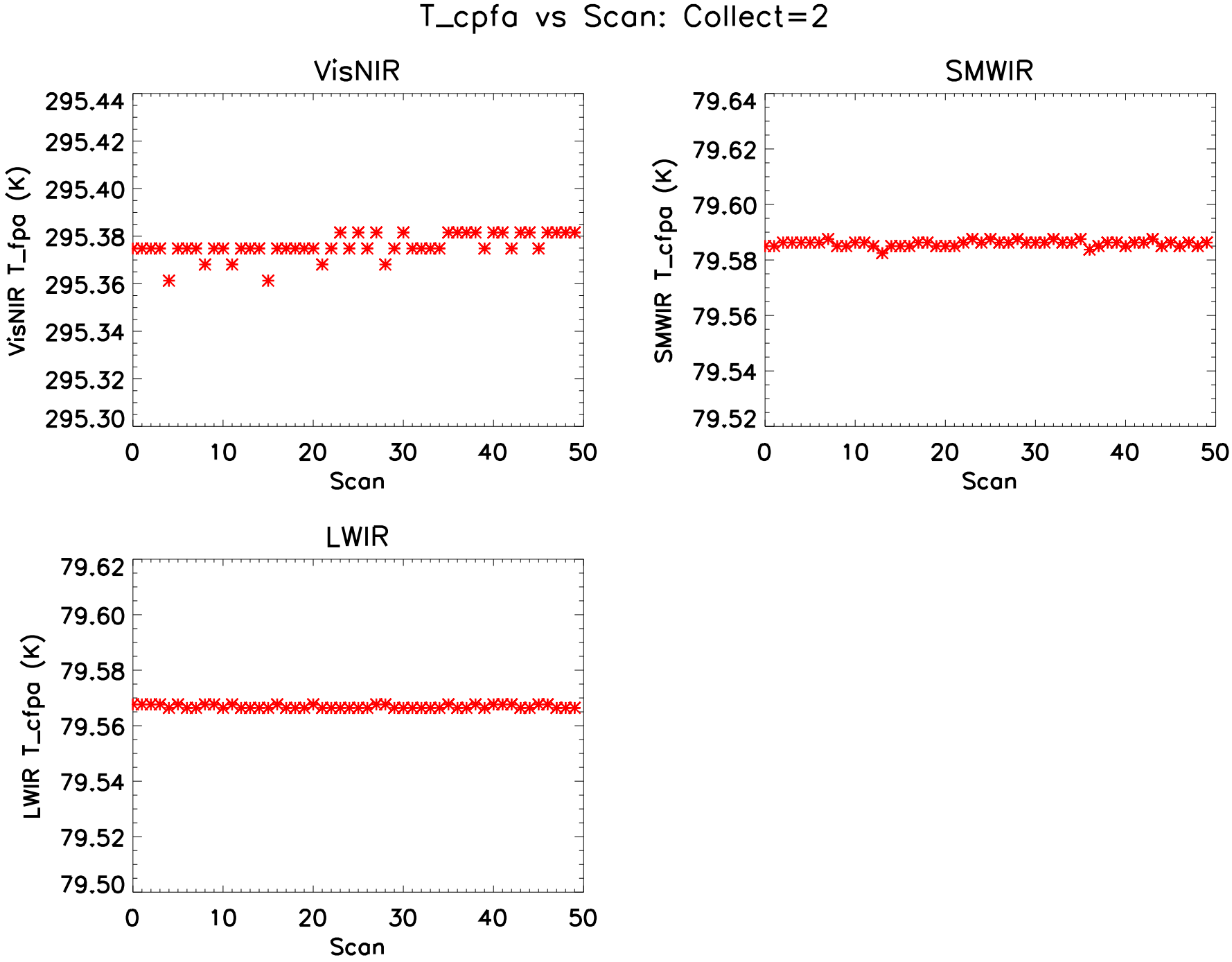


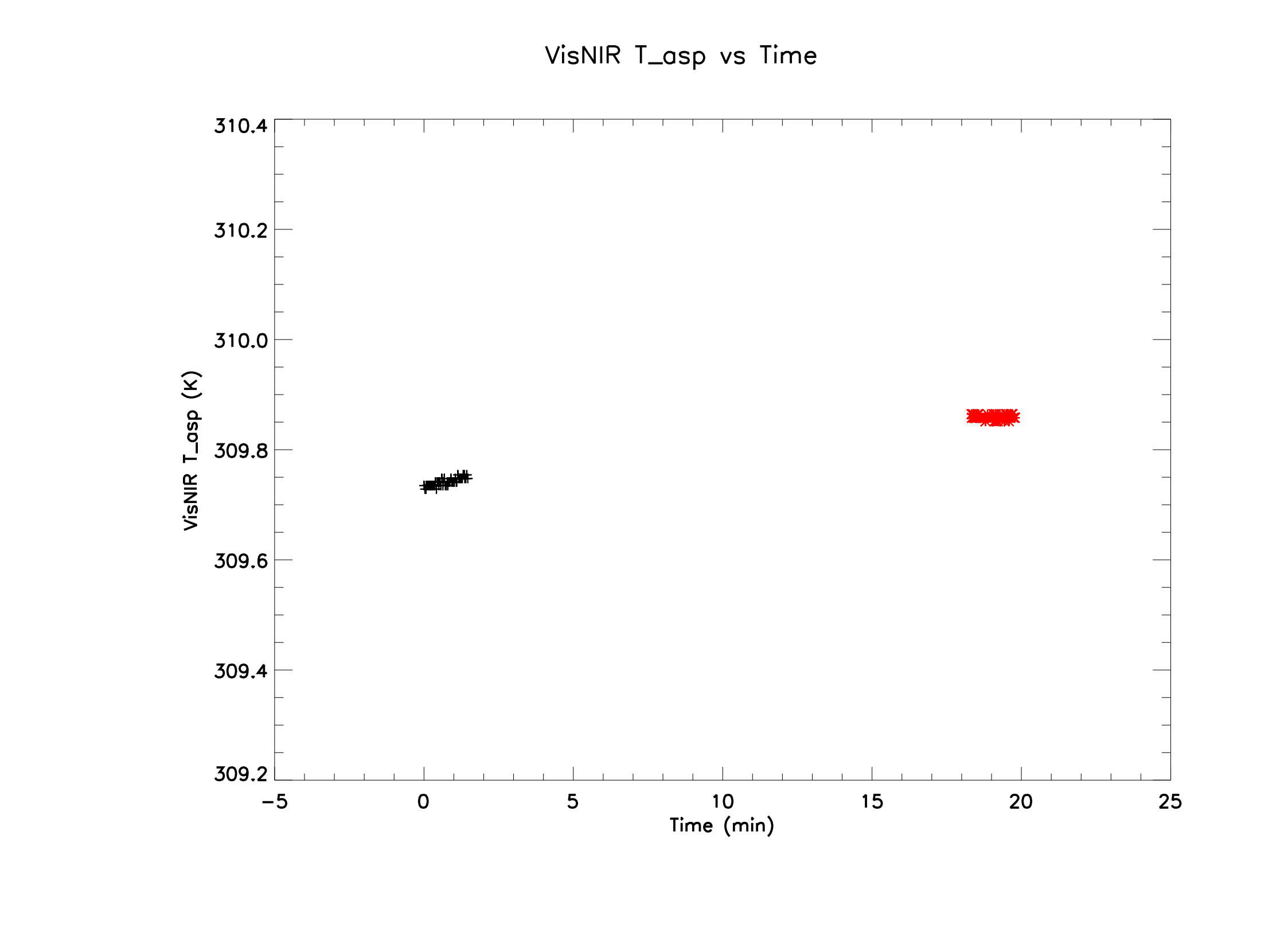

LWIR T_cfpa vs Time
80.2
80.0
79.8
79.6
79.4
79.2
79.0
LWIR T_cfpa (K)
−5
0
5
10
15
20
25
Time (min)

# LWIR T_cfpa vs Scan

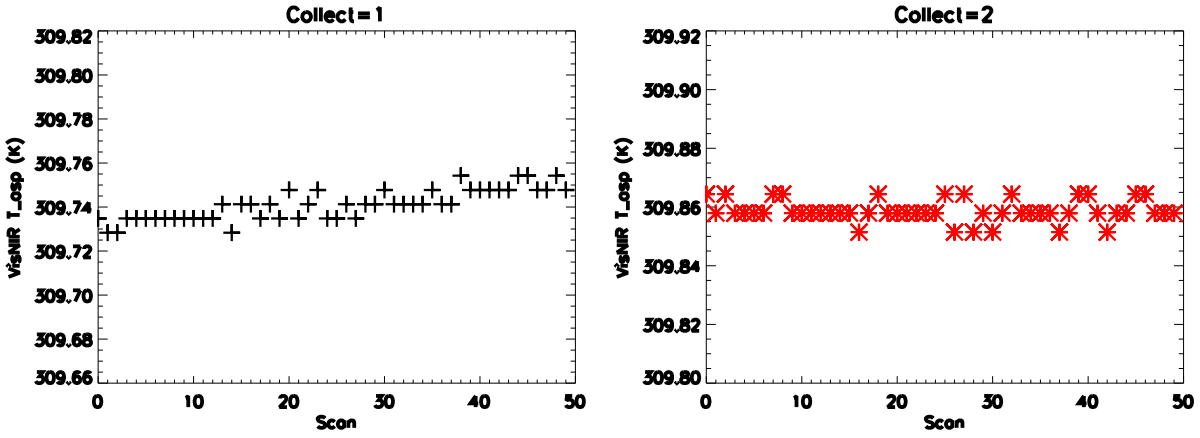


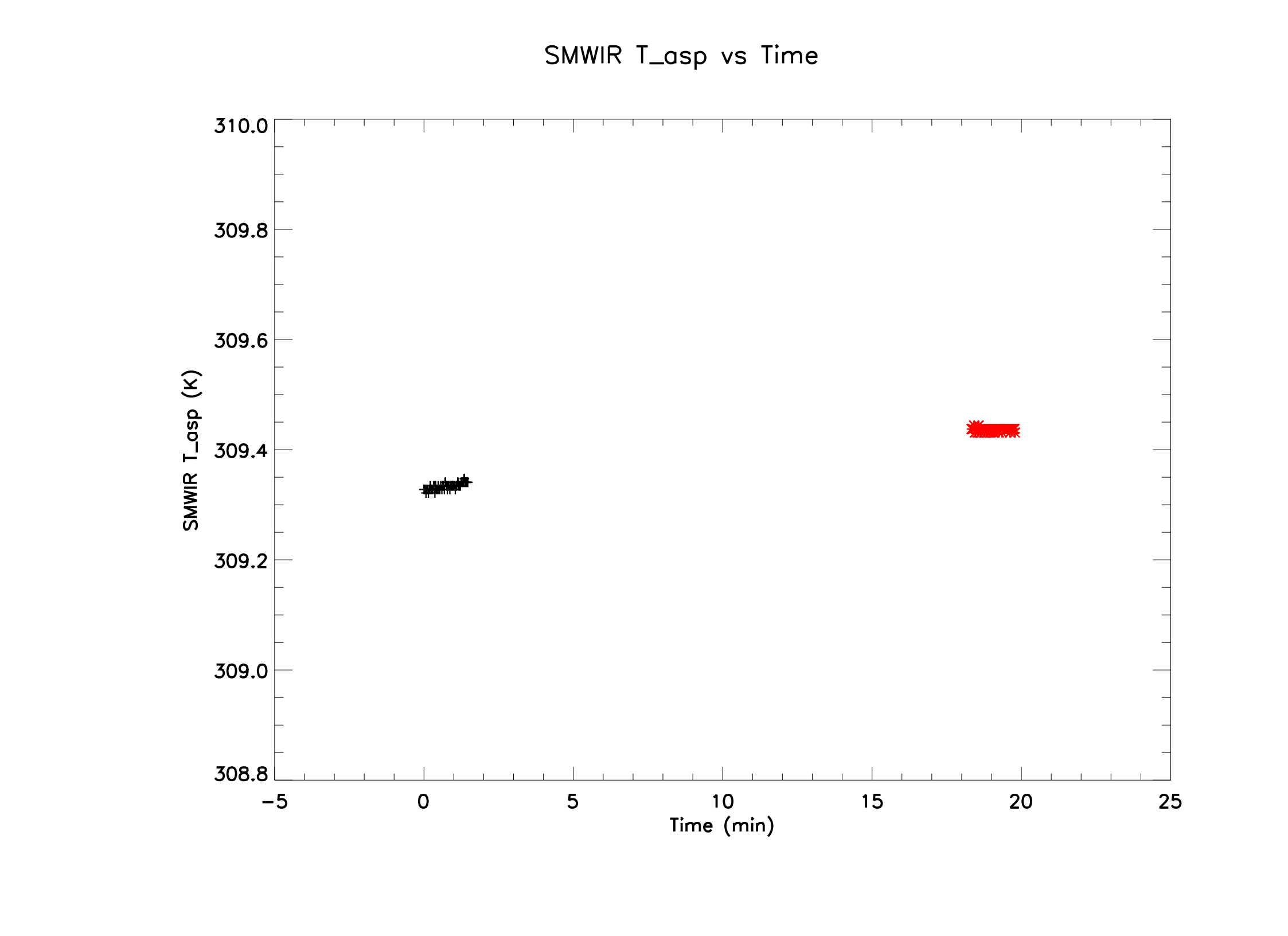

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
295.34
295.32
295.30
295.28
295.26
295.24
295.22
295.20
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
79.64
79.62
79.60
79.58
79.56
79.54
79.52
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
79.62
79.60
79.58
79.56
79.54
79.52
79.50
0
10
20
30
40
50
Scan


T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
295.44
295.42
295.40
295.38
295.36
295.34
295.32
295.30
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
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)
79.62
79.60
79.58
79.56
79.54
79.52
79.50
0
10
20
30
40
50
Scan

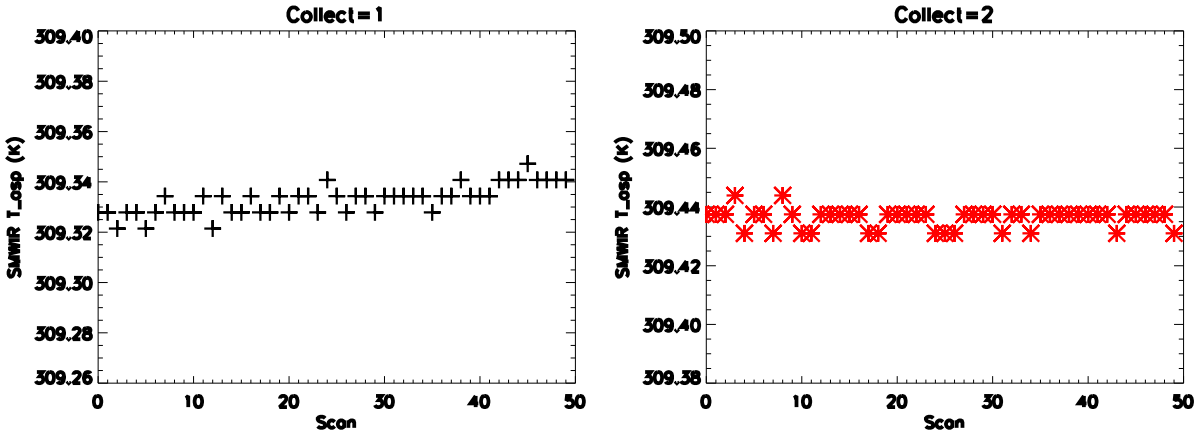

VisNIR T_asp vs Time
VisNIR T_asp (K)
310.4
310.2
310.0
309.8
309.6
309.4
309.2
−5
0
5
10
15
20
25
Time (min)

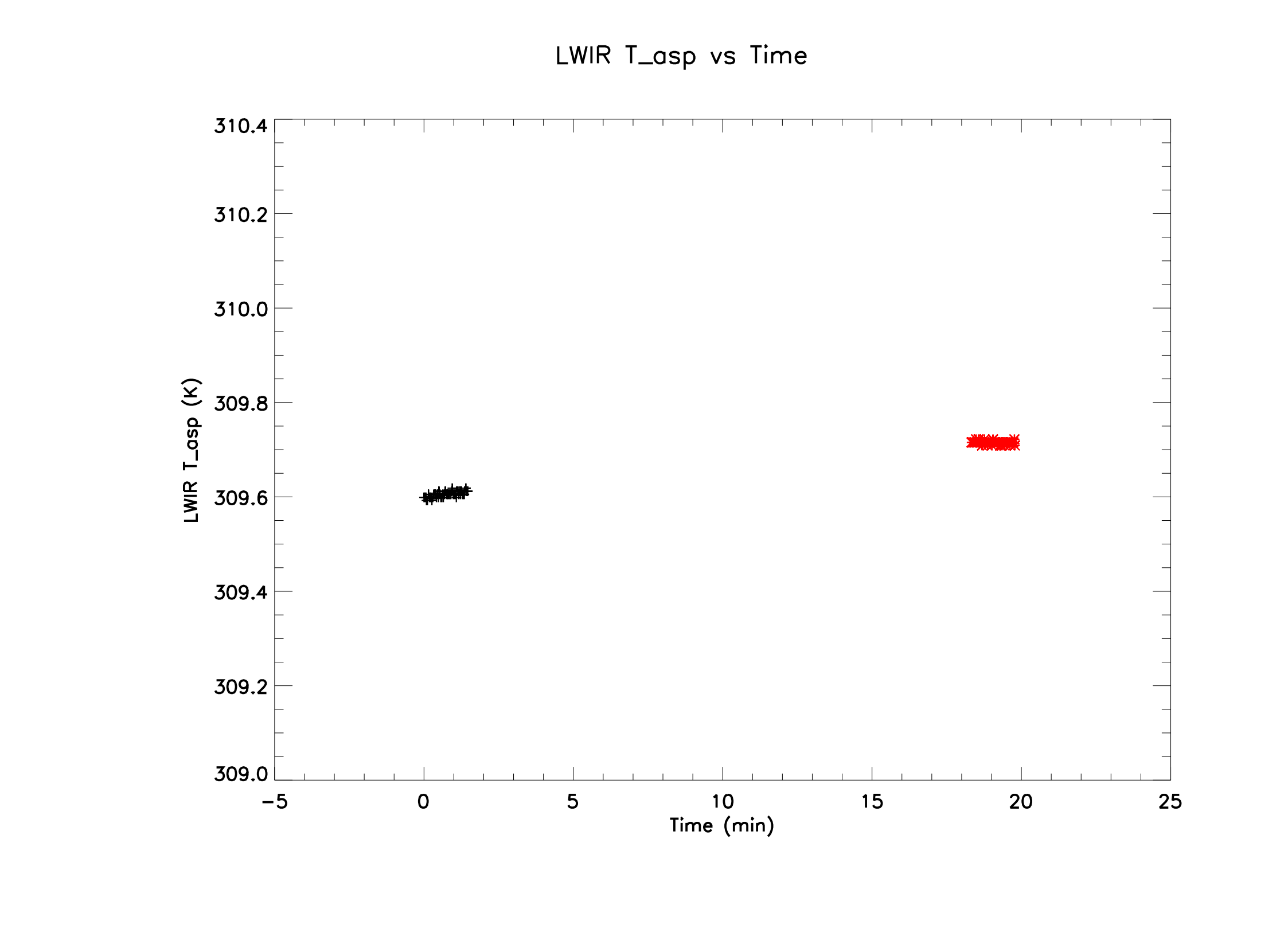
# VisNIR T_asp vs Scan



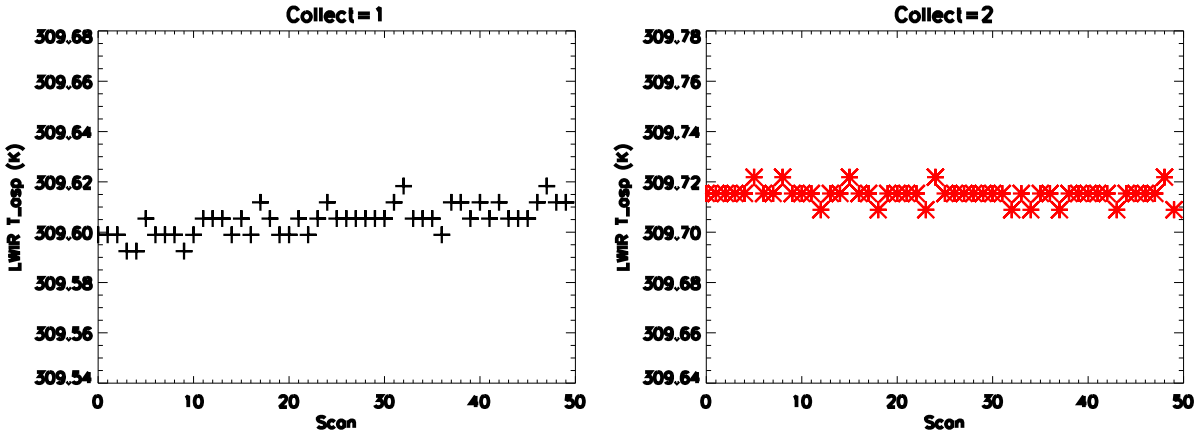

SMWIR T_asp vs Time
SMWIR T_asp (K)
310.0
309.8
309.6
309.4
309.2
309.0
308.8
−5
0
5
10
15
20
25
Time (min)

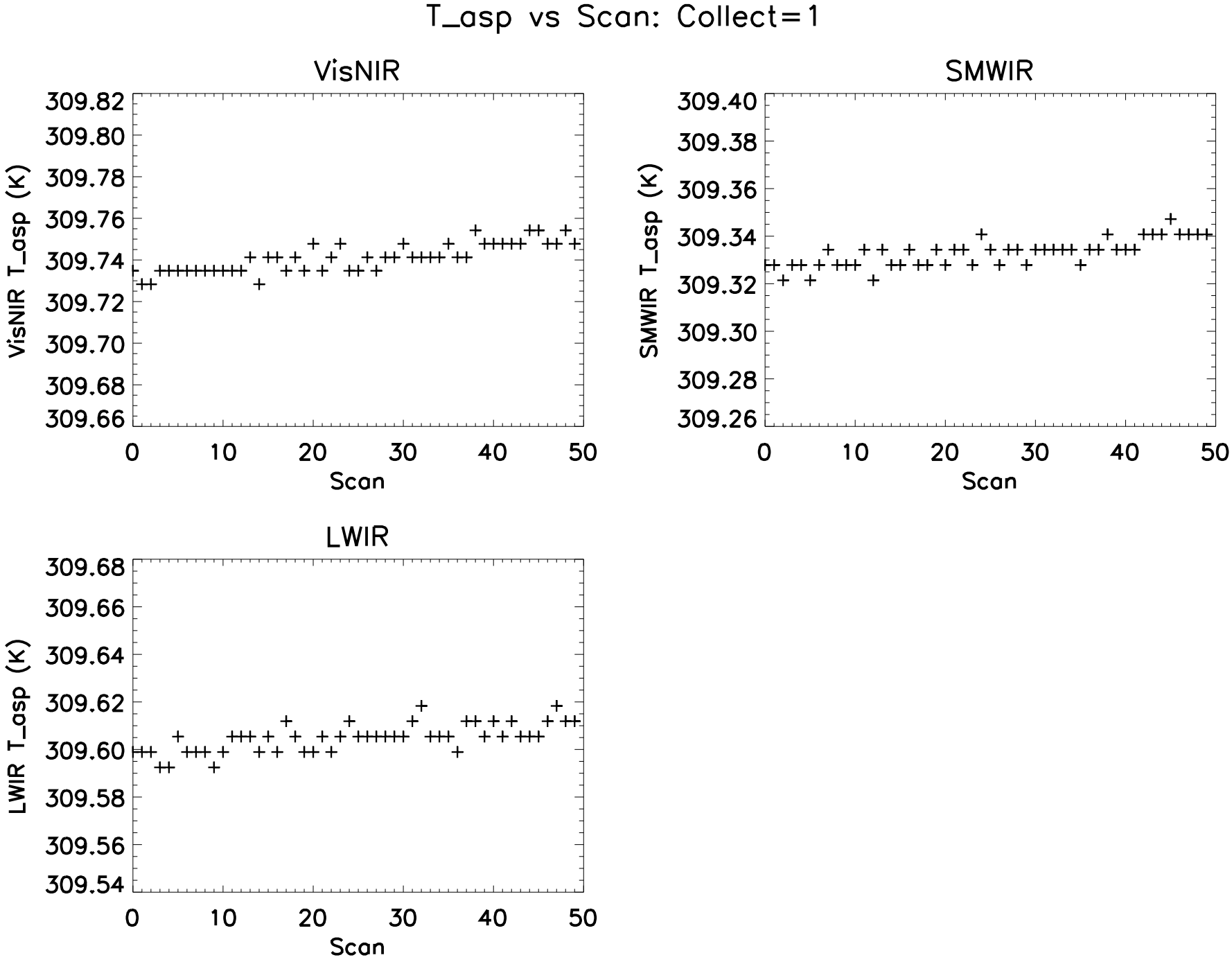
# SMWIR T_asp vs Scan

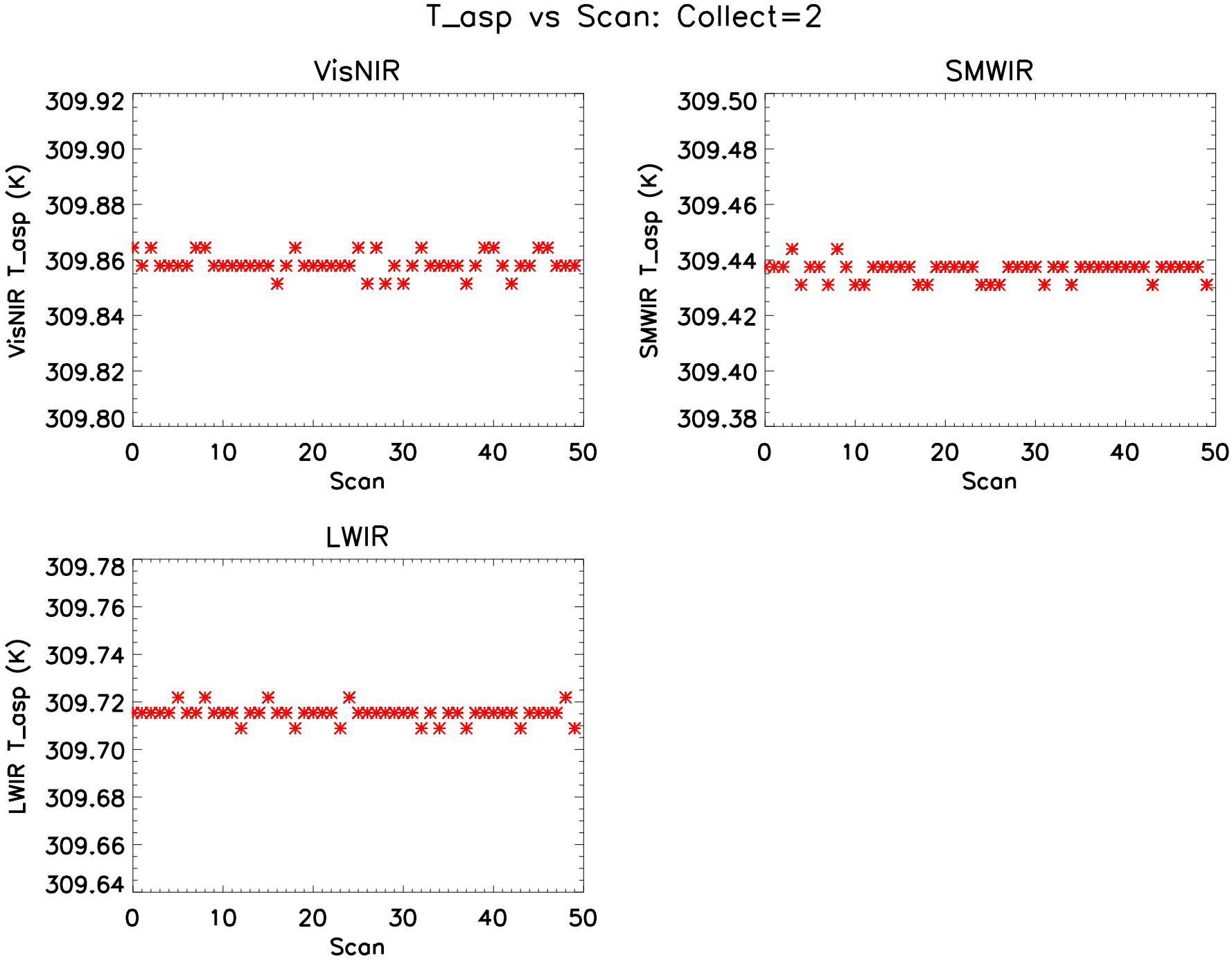


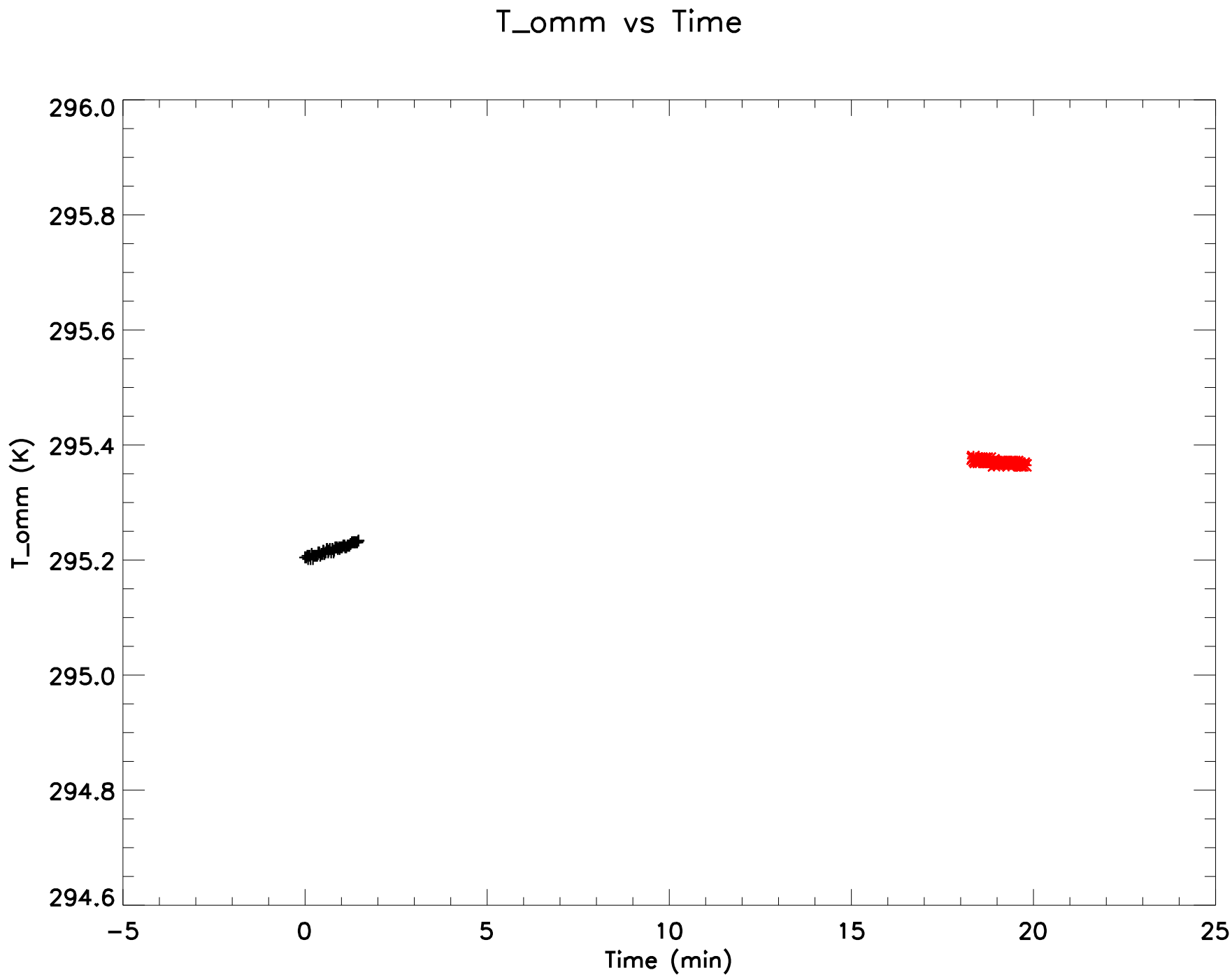

LWIR T_asp vs Time
LWIR T_asp (K)
310.4
310.2
310.0
309.8
309.6
309.4
309.2
309.0
−5
0
5
10
15
20
25
Time (min)

# LWIR T_asp vs Scan

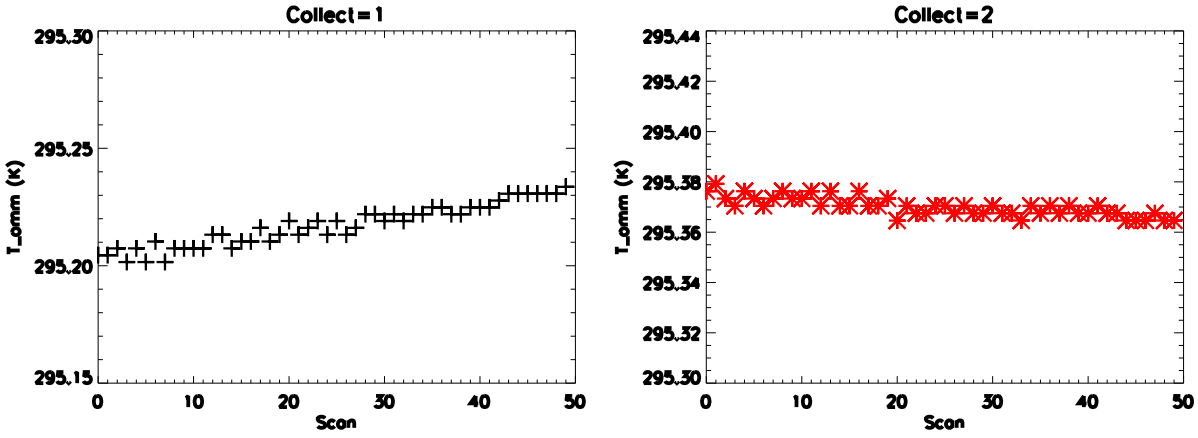



T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
309.82
309.80
309.78
309.76
309.74
309.72
309.70
309.68
309.66
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
309.40
309.38
309.36
309.34
309.32
309.30
309.28
309.26
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
309.68
309.66
309.64
309.62
309.60
309.58
309.56
309.54
0
10
20
30
40
50
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
309.92
309.90
309.88
309.86
309.84
309.82
309.80
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
309.50
309.48
309.46
309.44
309.42
309.40
309.38
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
309.78
309.76
309.74
309.72
309.70
309.68
309.66
309.64
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
20
25
Time (min)

# T_omm vs Scan


Collect = 1
T_omm (K)
295.30
295.25
295.20
295.15
0
10
20
30
40
50
Scan
Collect = 2
T_omm (K)
295.44
295.42
295.40
295.38
295.36
295.34
295.32
295.30
0
10
20
30
40
50
Scan