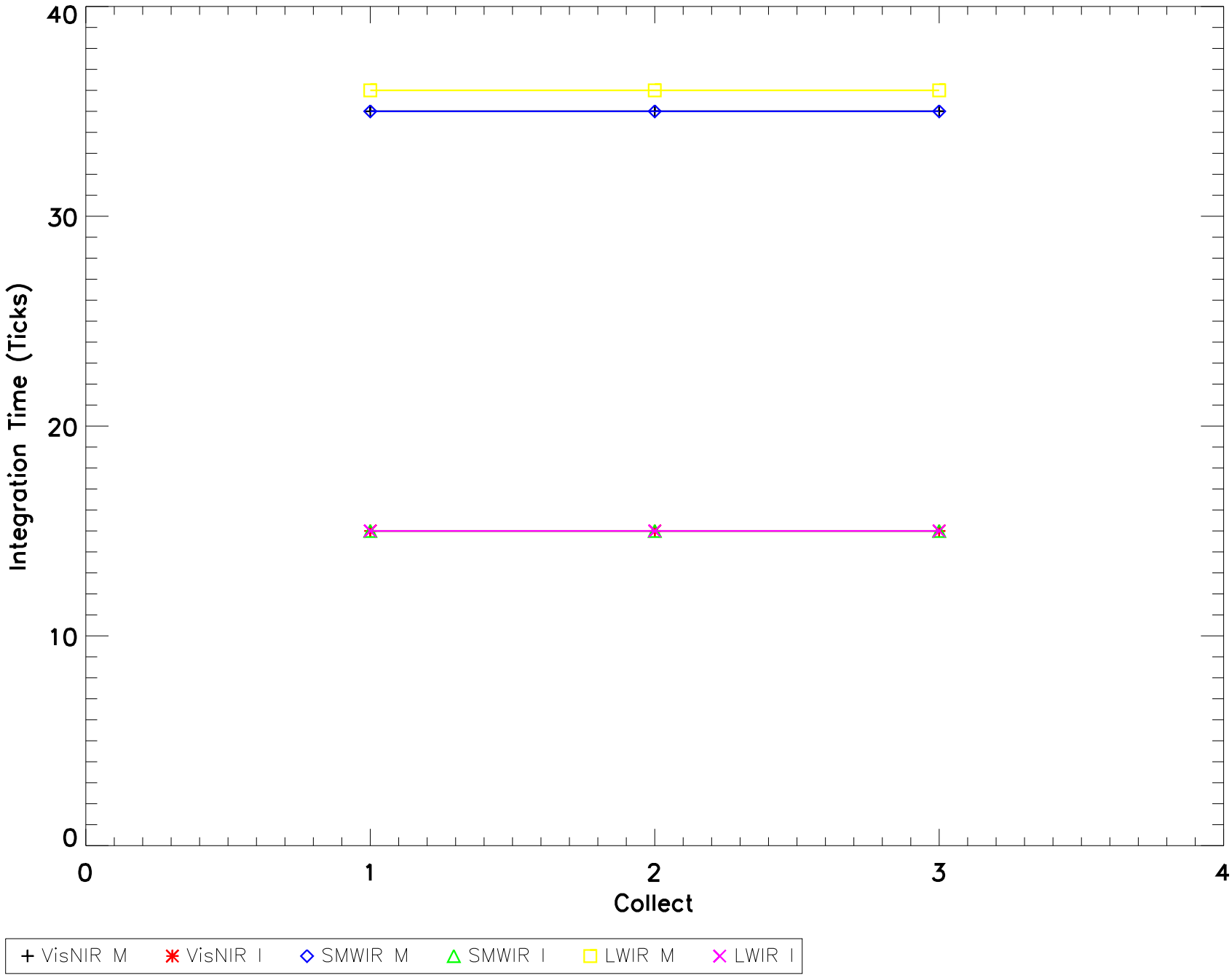
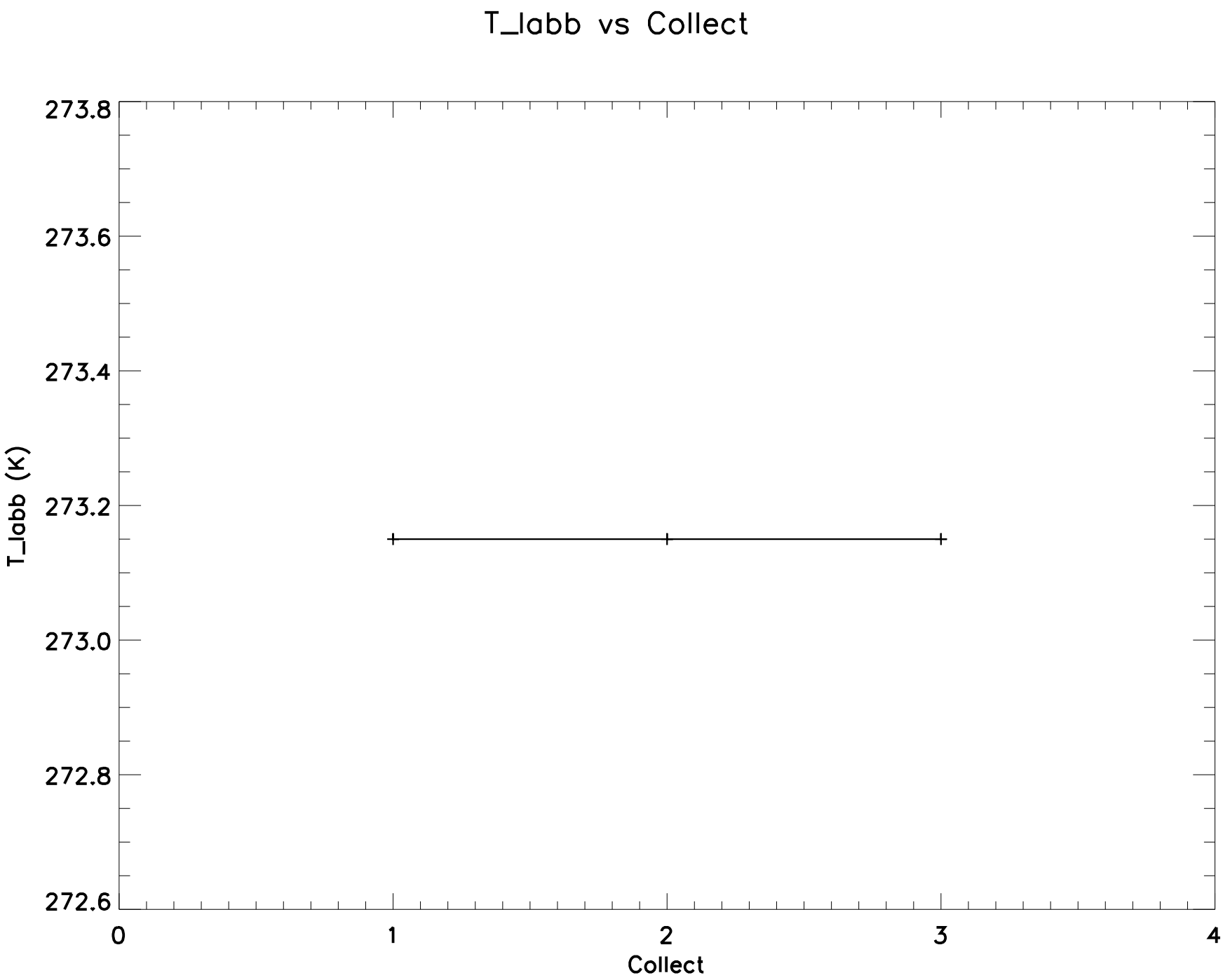
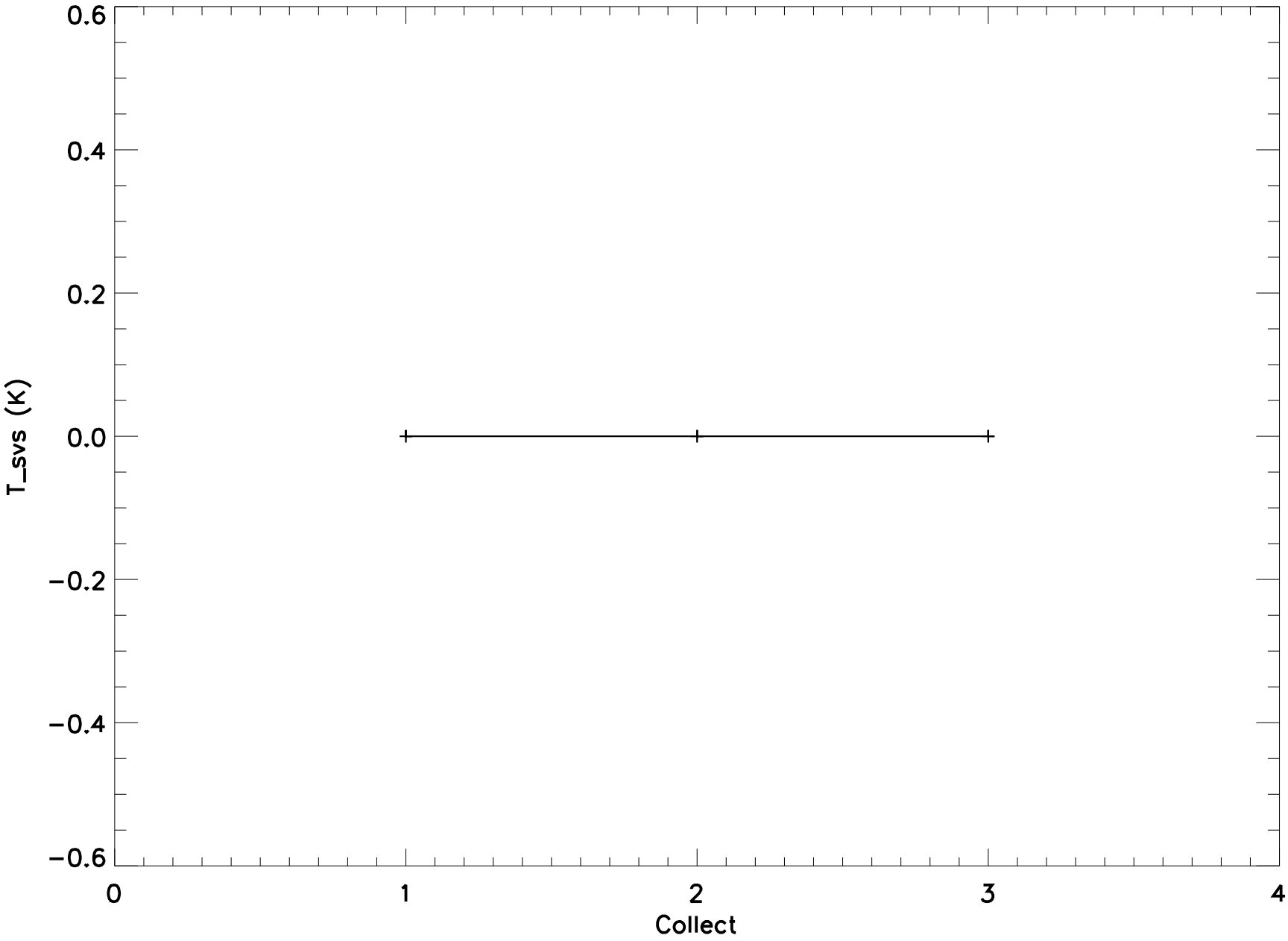
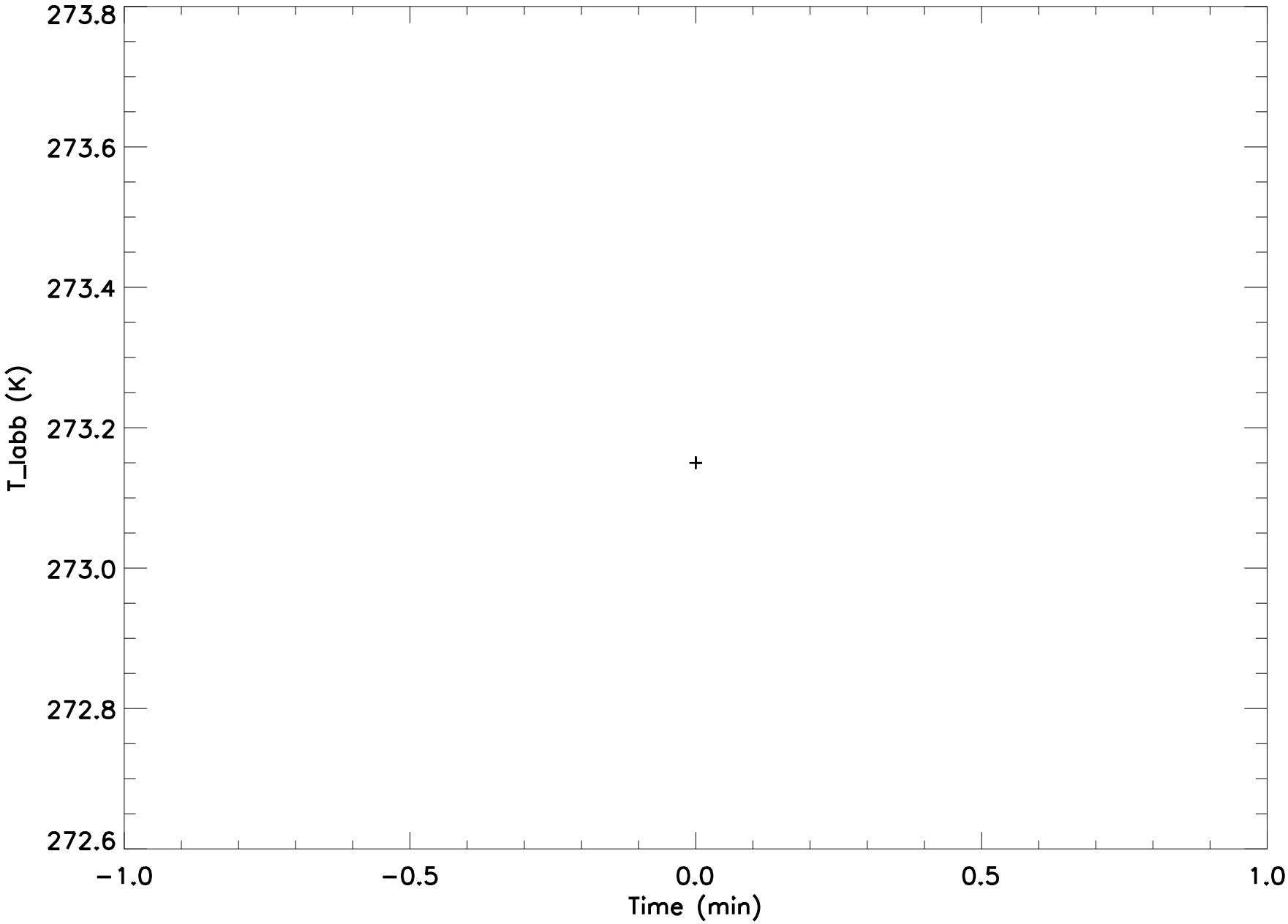
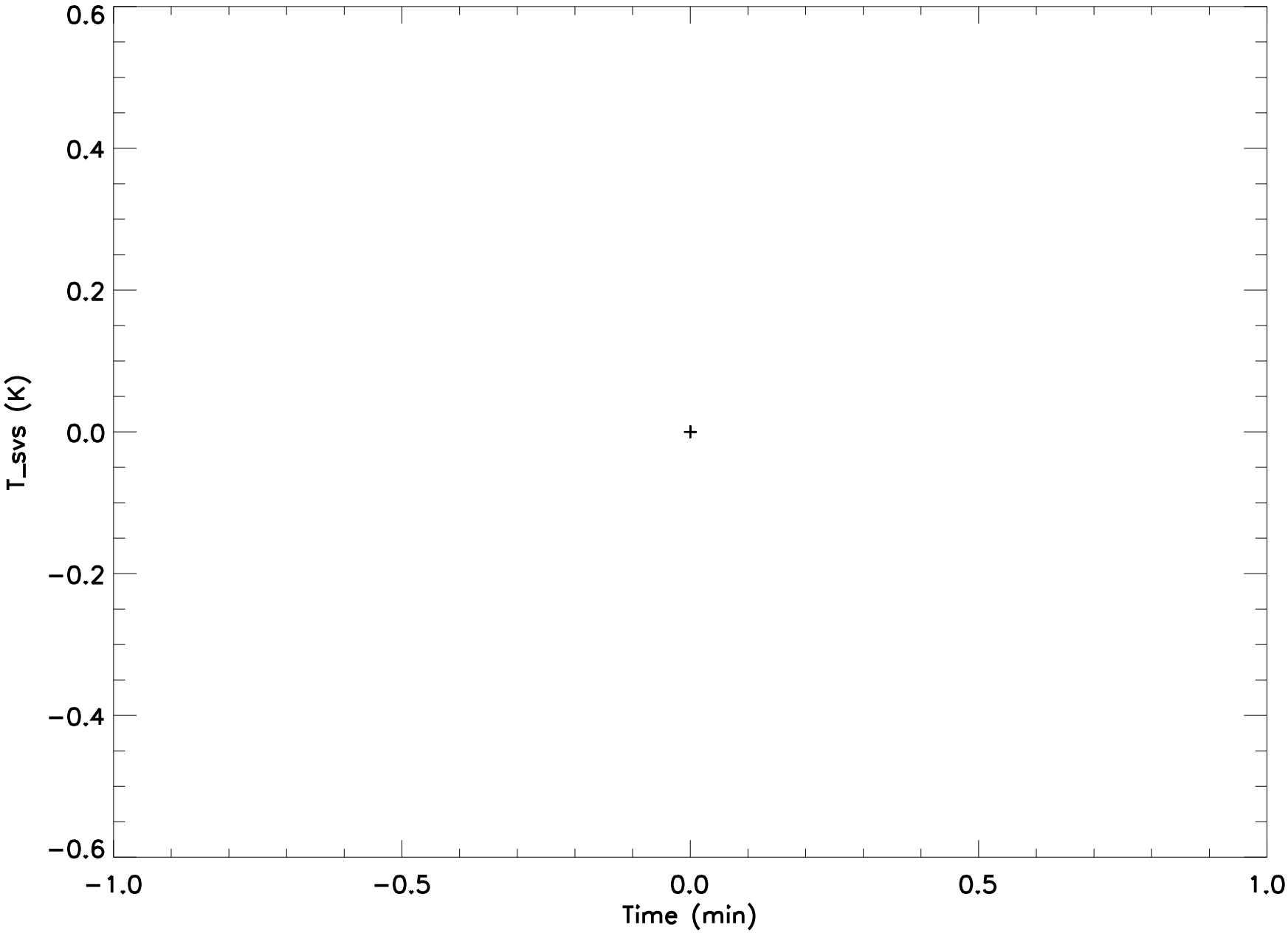
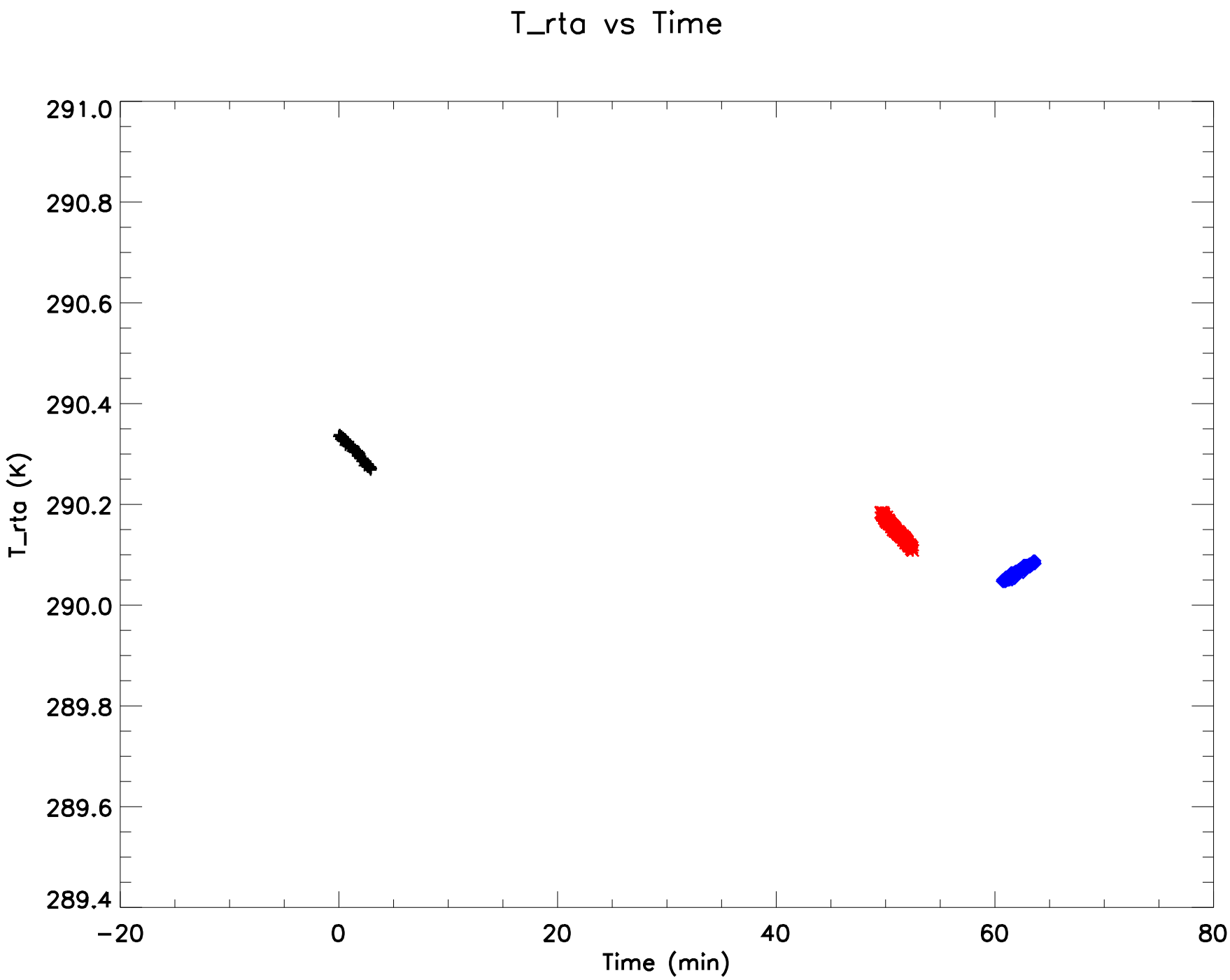

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0
1
2
3
4
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

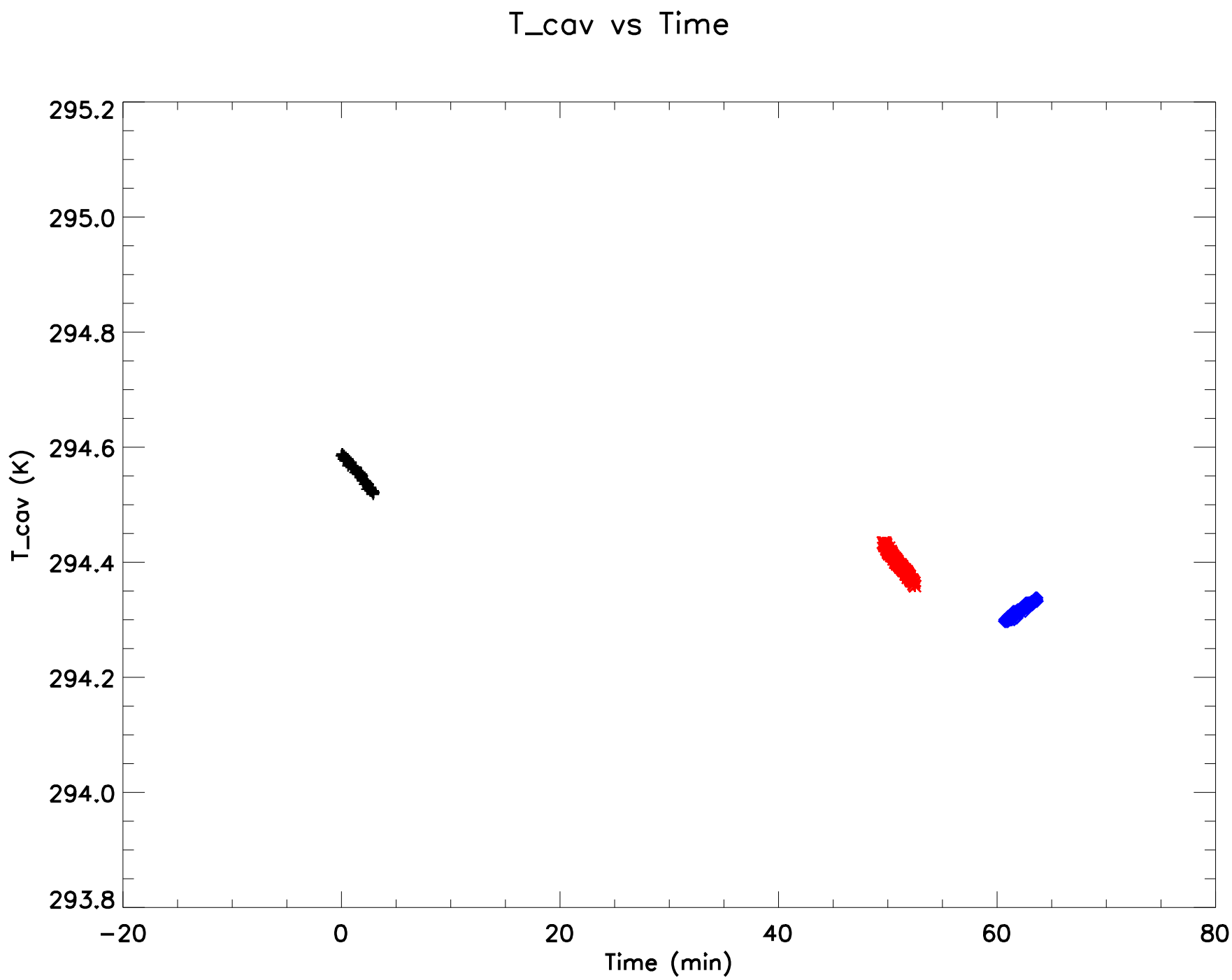

T_labb vs Collect
273.8
273.6
273.4
273.2
273.0
272.8
272.6
T_labb (K)
0
1
2
3
4
Collect

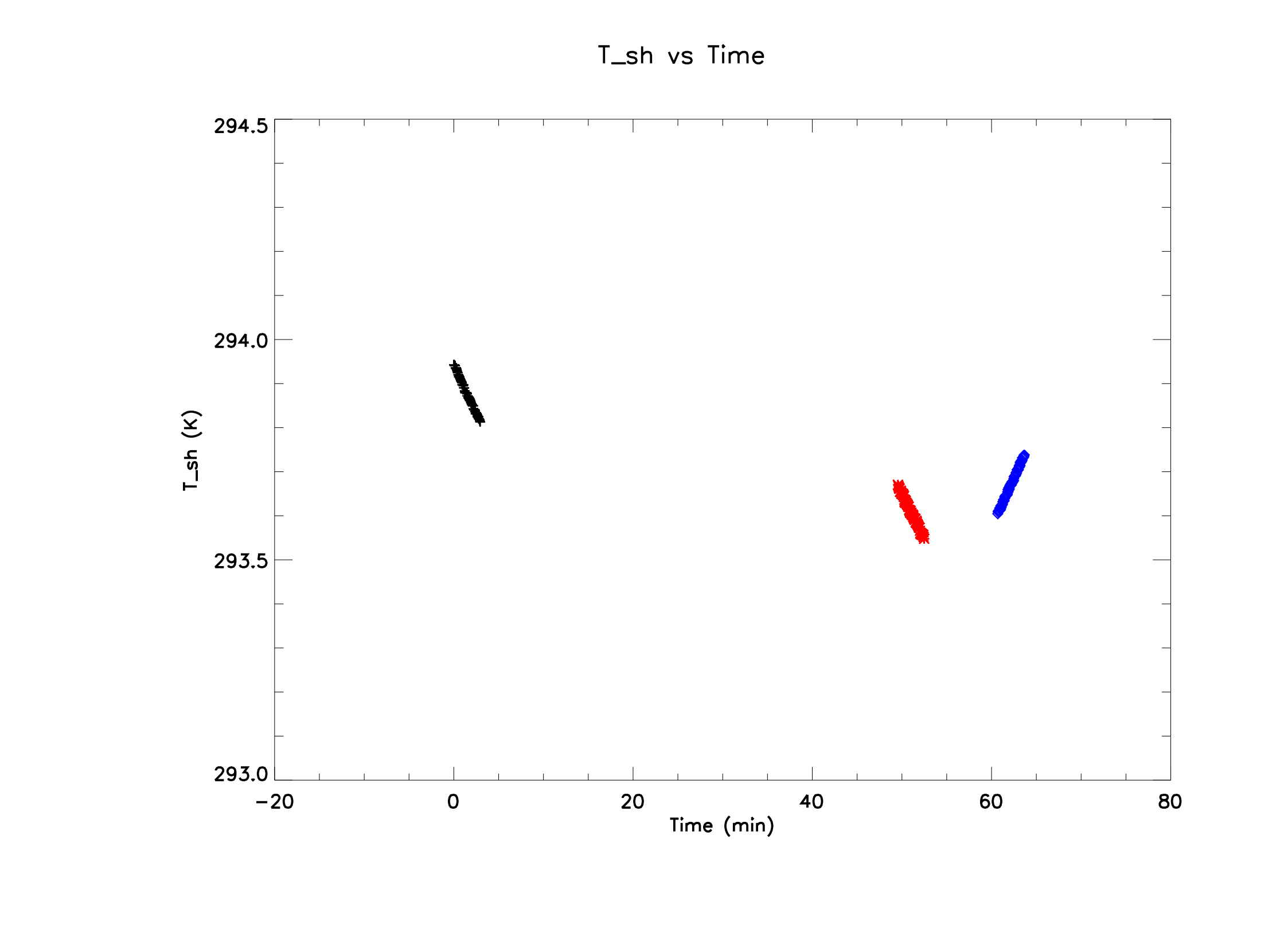

T_svs vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
0
1
2
3
4
Collect

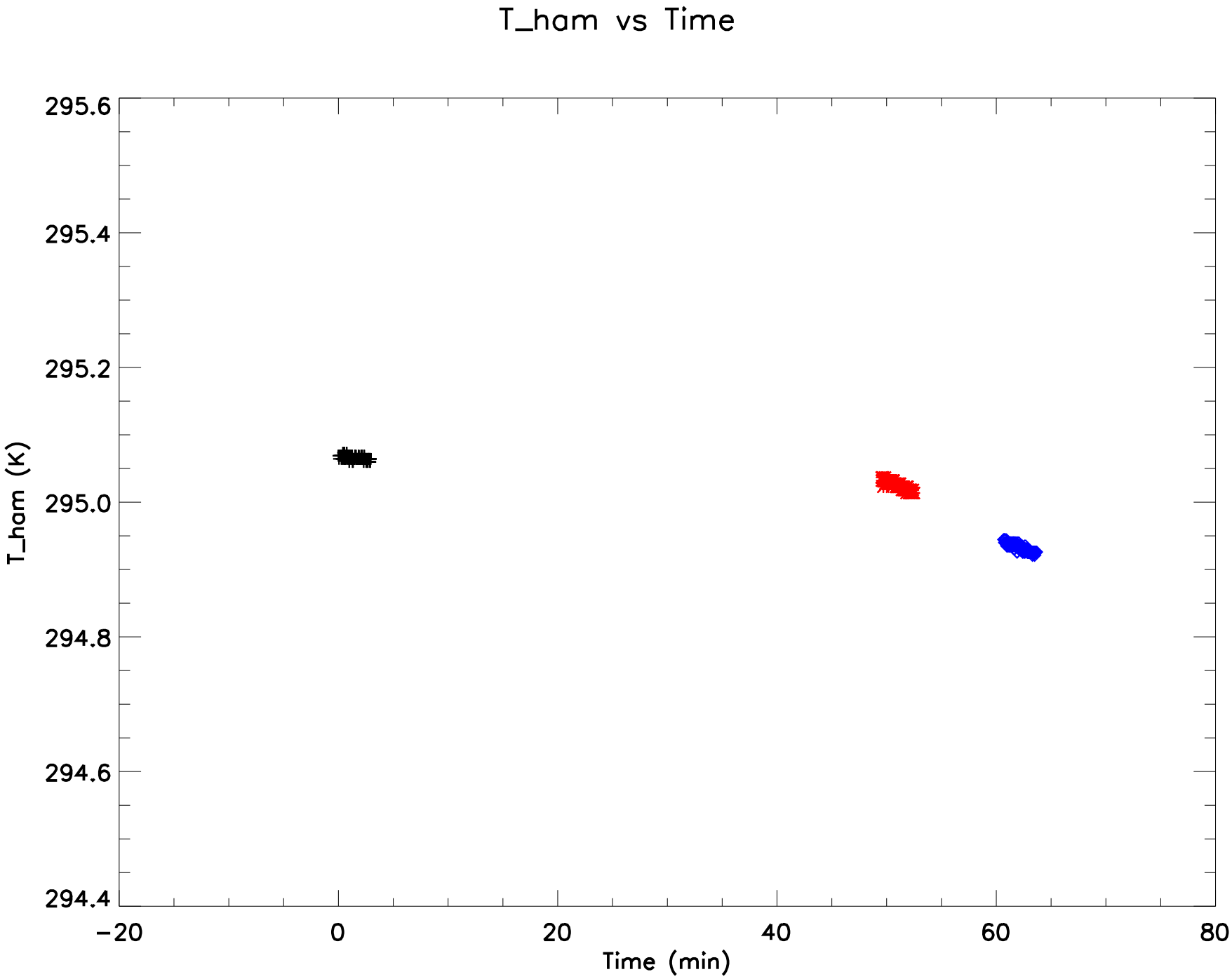

T_labb vs Time
273.8
273.6
273.4
273.2
273.0
272.8
272.6
T_labb (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

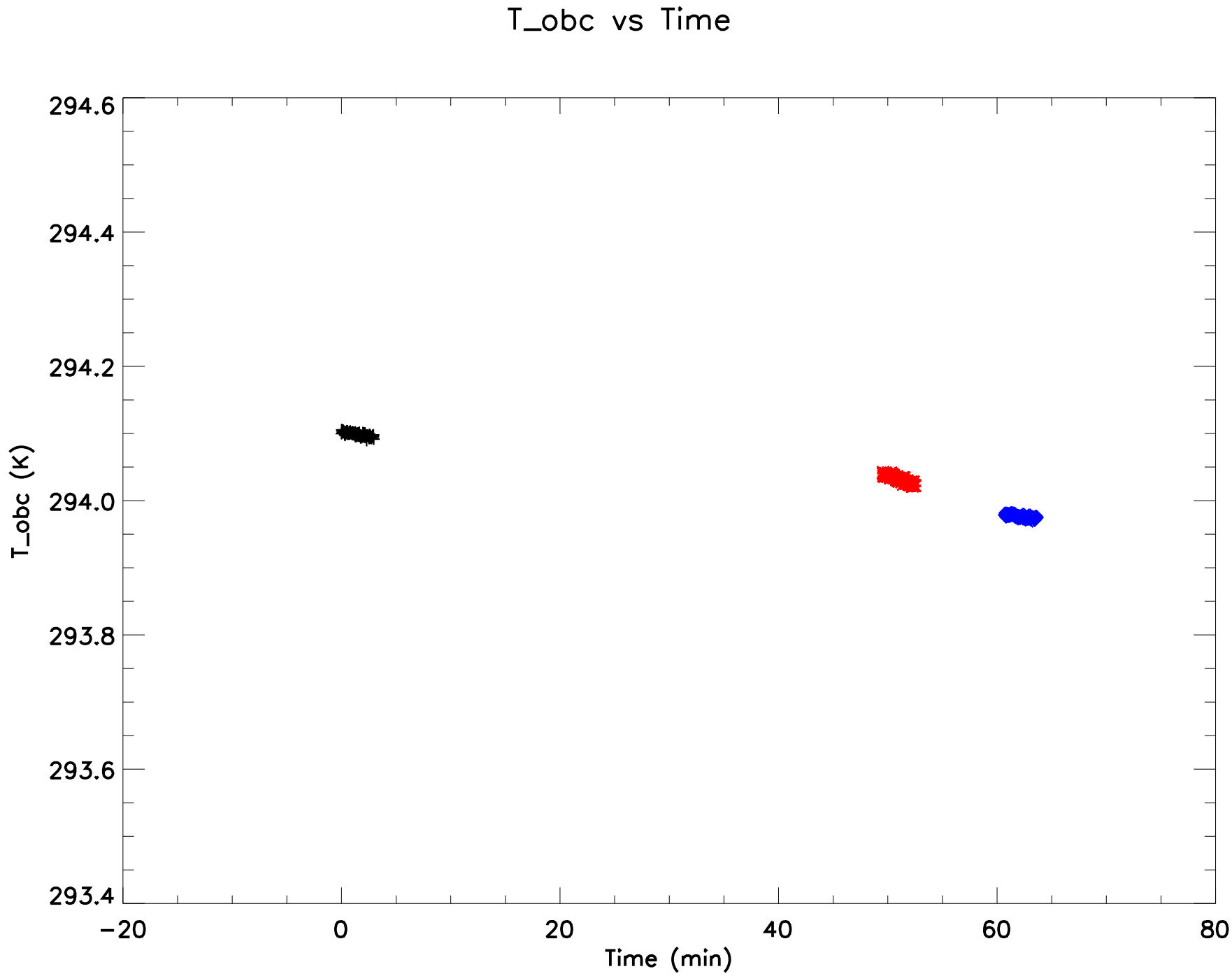

T_svs vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)


T_rta vs Time
291.0
290.8
290.6
290.4
290.2
290.0
289.8
289.6
289.4
T_rta (K)
−20
0
20
40
60
80
Time (min)

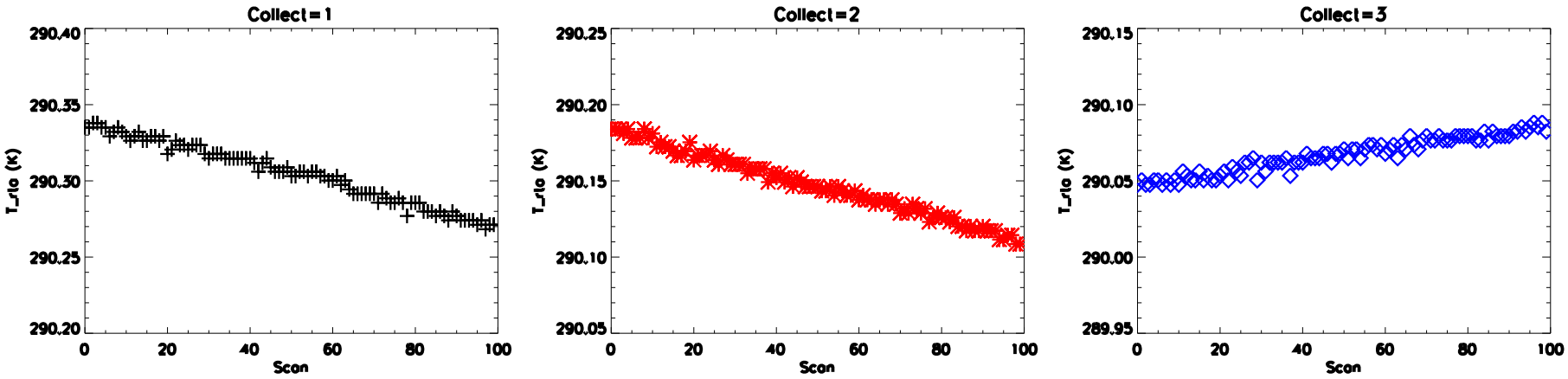

T_cav vs Time
295.2
295.0
294.8
294.6
294.4
294.2
294.0
293.8
T_cav (K)
−20
0
20
40
60
80
Time (min)


T_sh vs Time
294.5
294.0
293.5
293.0
T_sh (K)
−20
0
20
40
60
80
Time (min)

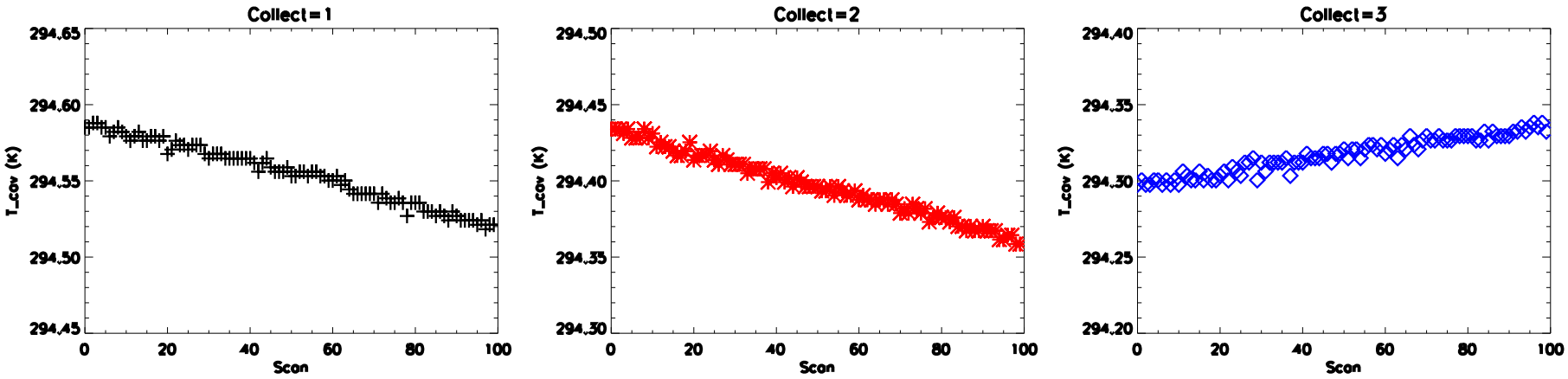

T_ham vs Time
T_ham (K)
295.6
295.4
295.2
295.0
294.8
294.6
294.4
−20
0
20
40
60
80
Time (min)


T_obc vs Time
294.6
294.4
294.2
294.0
293.8
293.6
293.4
T_obc (K)
−20
0
20
40
60
80
Time (min)

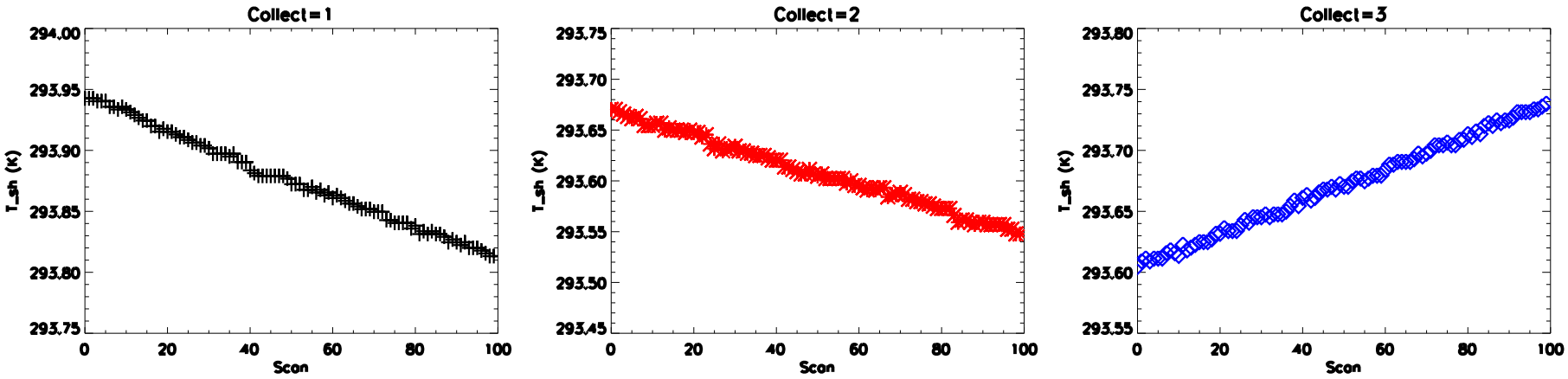
T_rta vs Scan


Collect = 1
290.40
290.35
290.30
290.25
290.20
T_rta (K)
0
20
40
60
80
100
Scan
Collect = 2
290.25
290.20
290.15
290.10
290.05
T_rta (K)
0
20
40
60
80
100
Scan
Collect = 3
290.15
290.10
290.05
290.00
289.95
T_rta (K)
0
20
40
60
80
100
Scan

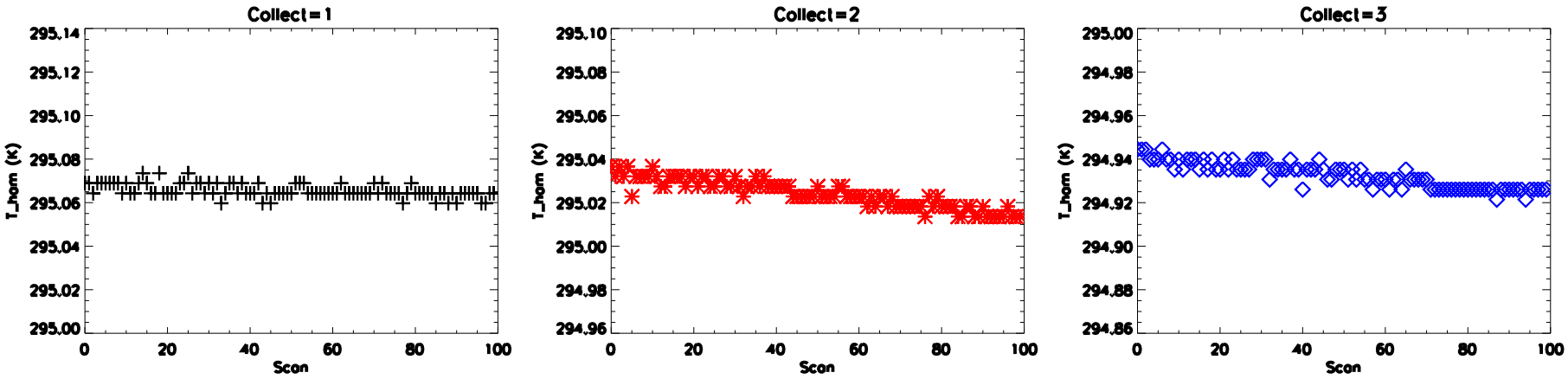
T_cav vs Scan


Collect = 1
Collect = 2
Collect = 3
T_cav (K)
Scan
294.65
294.60
294.55
294.50
294.45
294.50
294.45
294.40
294.35
294.30
294.40
294.35
294.30
294.25
294.20
0
20
40
60
80
100

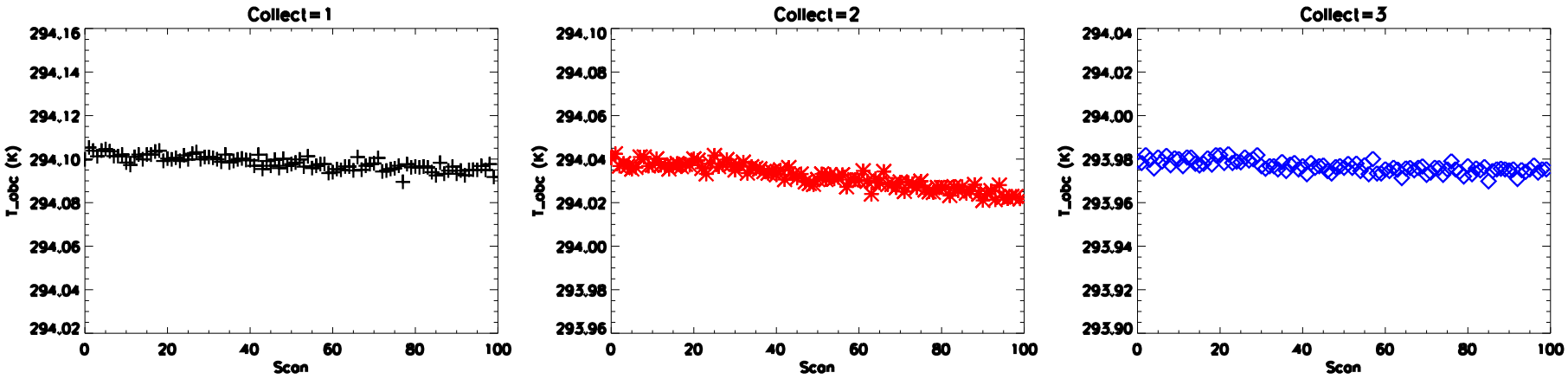
T_sh vs Scan

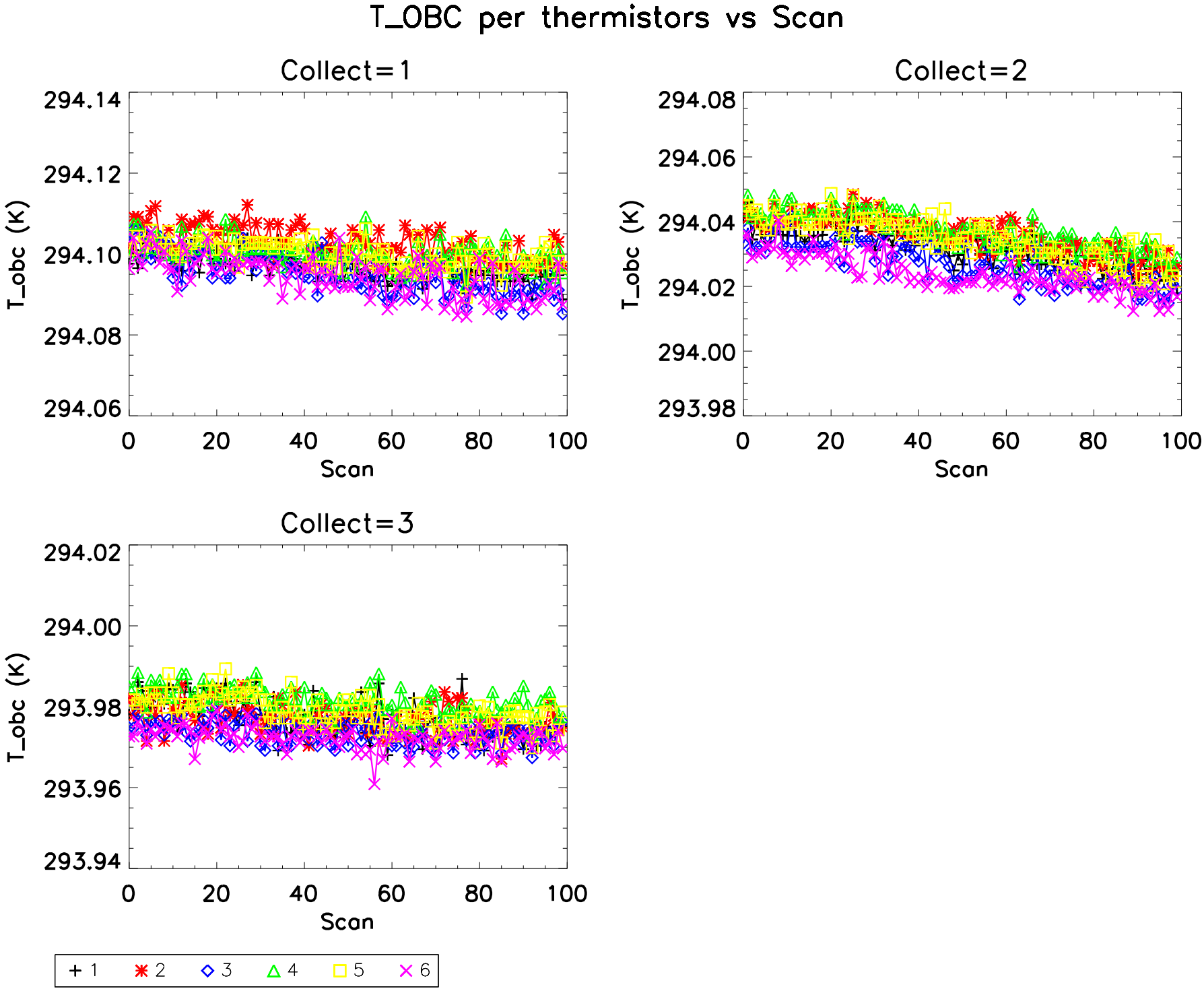

Collect = 1
T_sh (K)
294.00
293.95
293.90
293.85
293.80
293.75
0
20
40
60
80
100
Scan
Collect = 2
T_sh (K)
293.75
293.70
293.65
293.60
293.55
293.50
293.45
0
20
40
60
80
100
Scan
Collect = 3
T_sh (K)
293.80
293.75
293.70
293.65
293.60
293.55
0
20
40
60
80
100
Scan

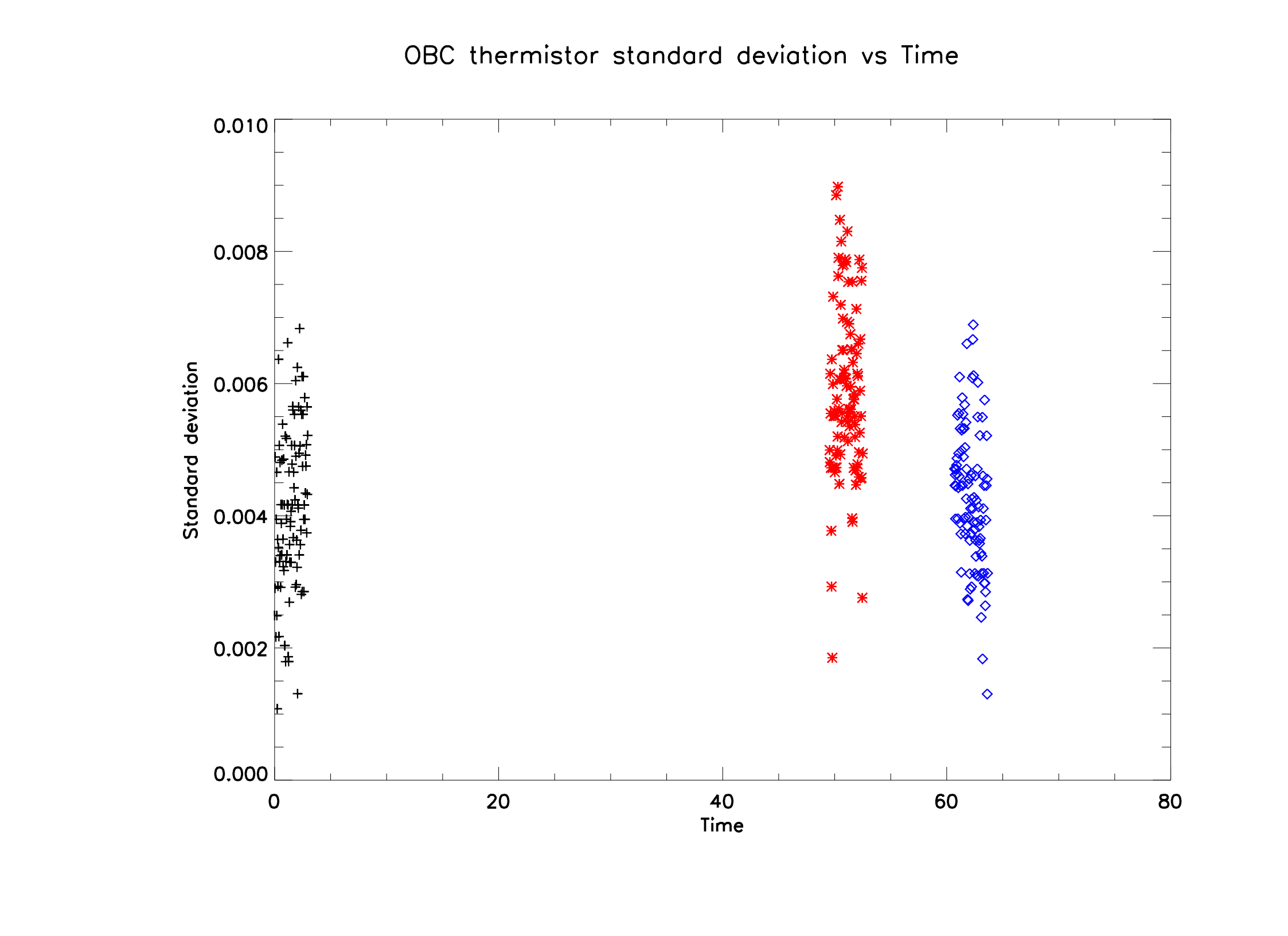
T_ham vs Scan

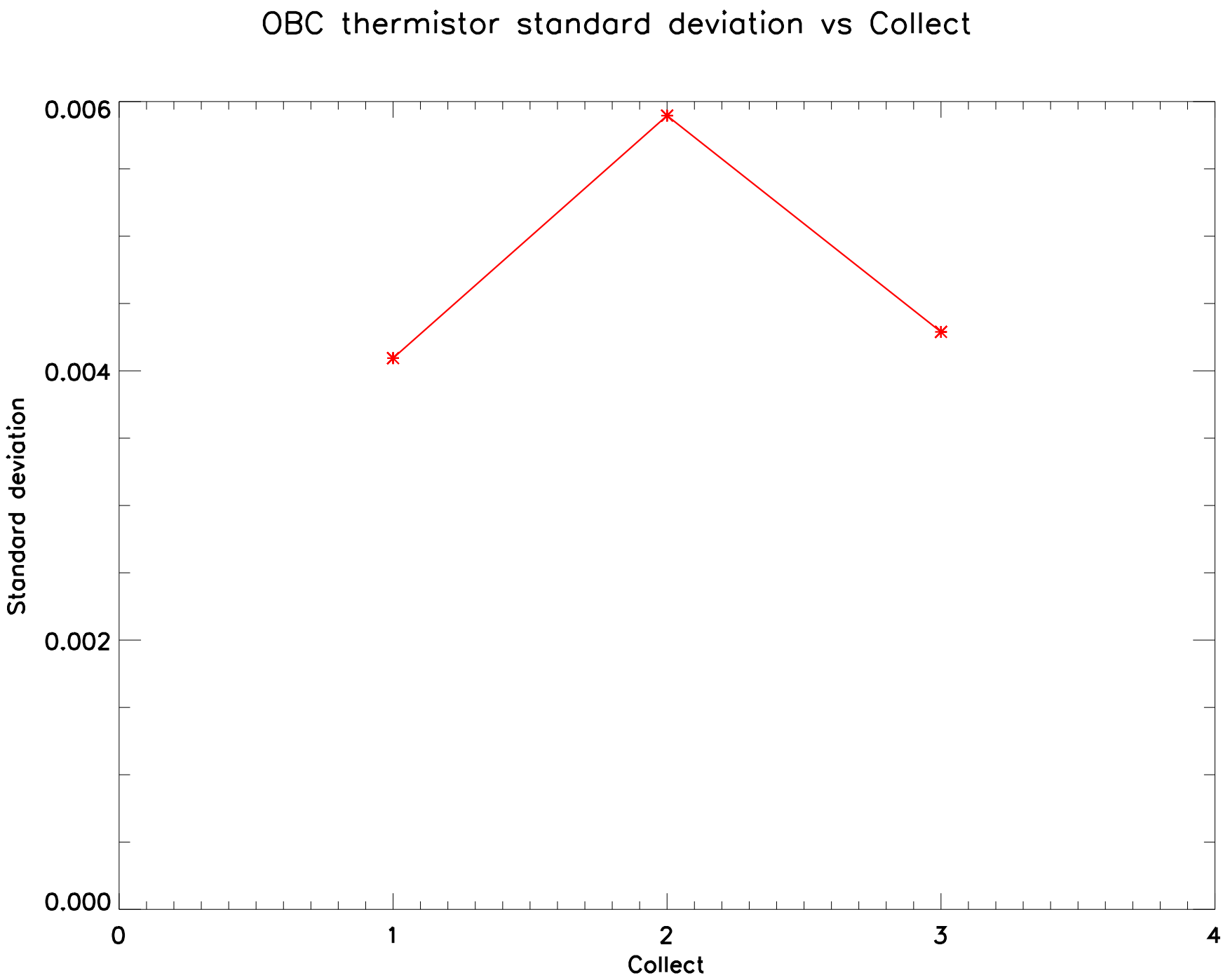

Collect = 1
T_ham (K)
295.14
295.12
295.10
295.08
295.06
295.04
295.02
295.00
0
20
40
60
80
100
Scan
Collect = 2
T_ham (K)
295.10
295.08
295.06
295.04
295.02
295.00
294.98
294.96
0
20
40
60
80
100
Scan
Collect = 3
T_ham (K)
295.00
294.98
294.96
294.94
294.92
294.90
294.88
294.86
0
20
40
60
80
100
Scan

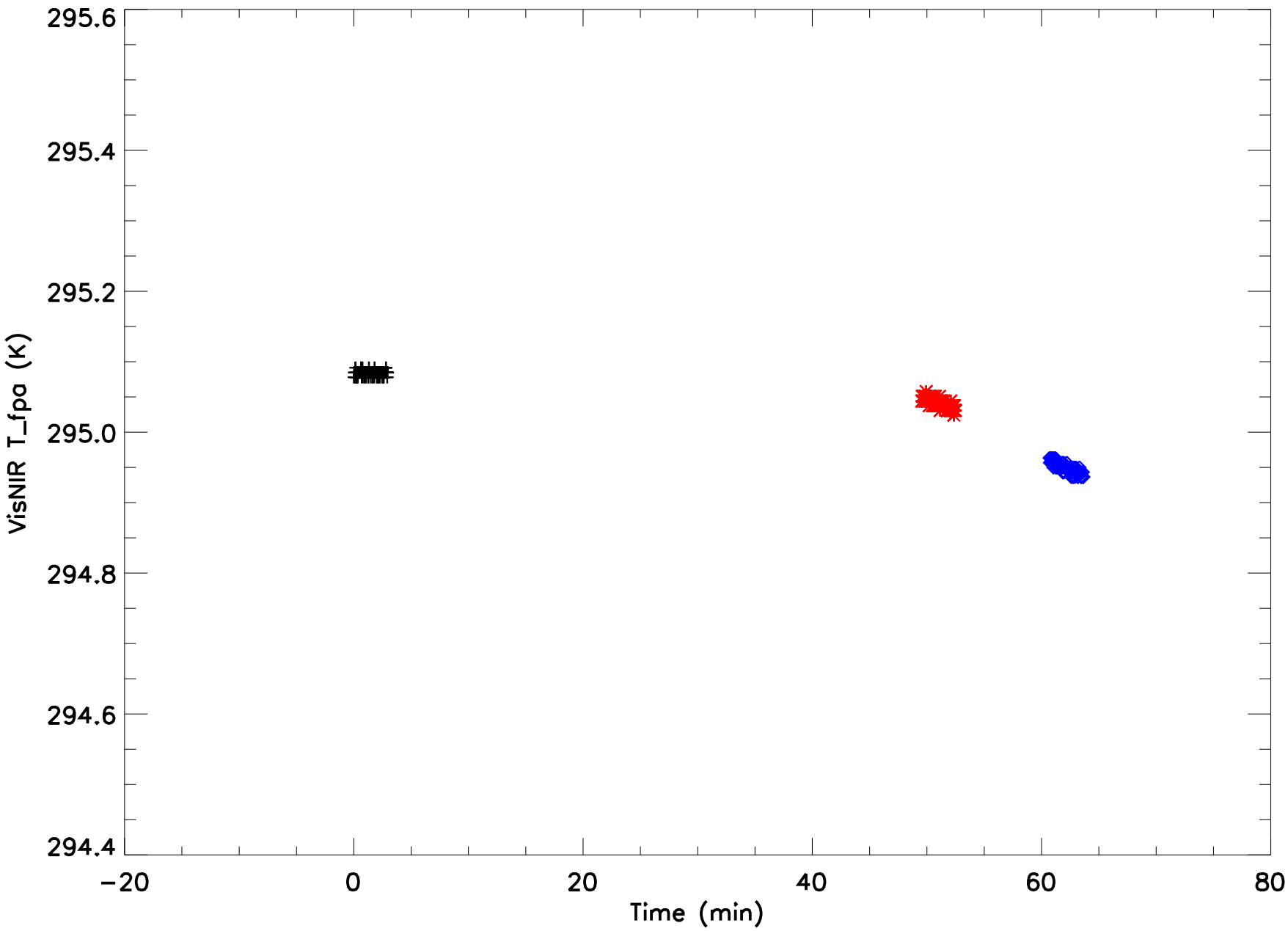
T_obc vs Scan


Collect = 1
Collect = 2
Collect = 3
T_obc (K)
Scan
294.16
294.14
294.12
294.10
294.08
294.06
294.04
294.02
294.10
294.08
294.06
294.04
294.02
294.00
293.98
293.96
294.04
294.02
294.00
293.98
293.96
293.94
293.92
293.90
0
20
40
60
80
100

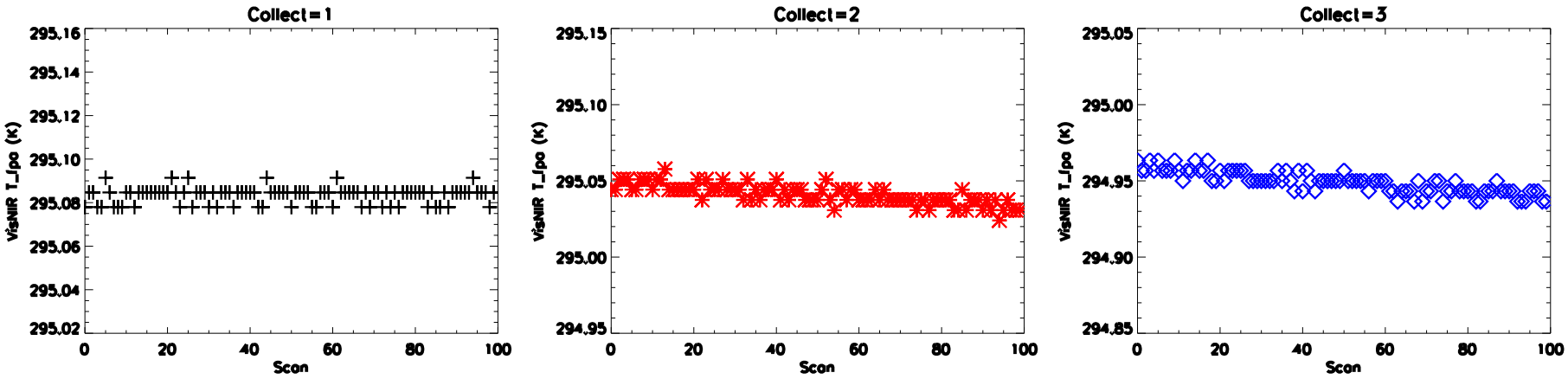

T_OBC per thermistors vs Scan
Collect=1
Collect=2
Collect=3
T_obc (K)
Scan
294.14
294.12
294.10
294.08
294.06
294.08
294.06
294.04
294.02
294.00
293.98
294.02
294.00
293.98
293.96
293.94
0
20
40
60
80
100
1
2
3
4
5
6

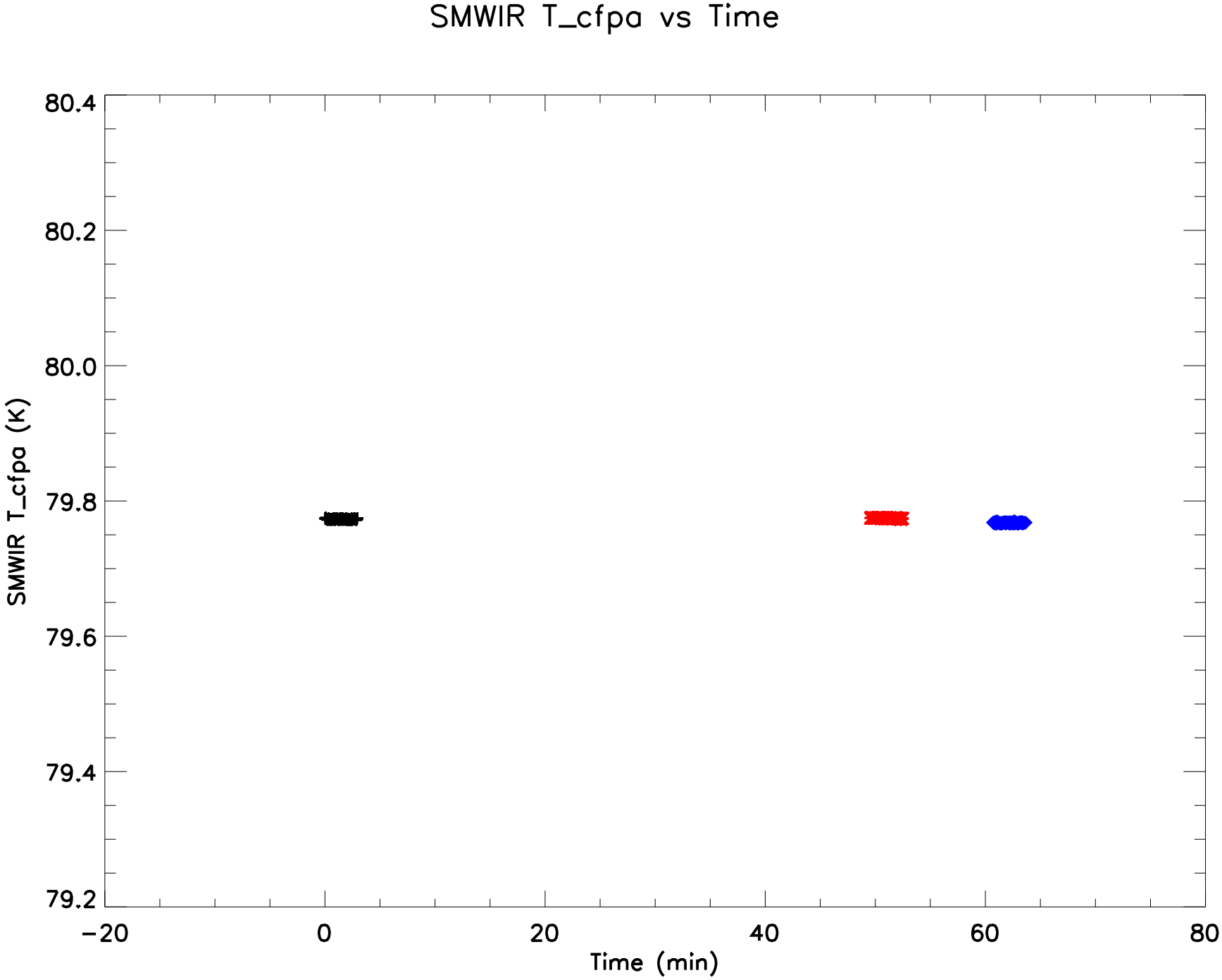

OBC thermistor standard deviation vs Time
Standard deviation
0.010
0.008
0.006
0.004
0.002
0.000
0
20
40
60
80
Time


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

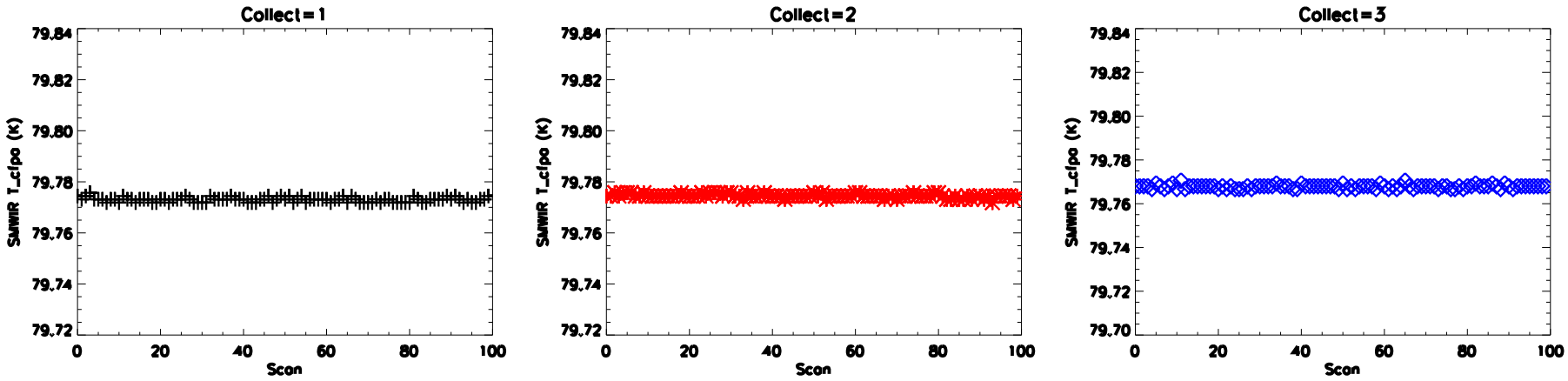

VisNIR T_fpa vs Time
VisNIR T_fpa (K)
295.6
295.4
295.2
295.0
294.8
294.6
294.4
−20
0
20
40
60
80
Time (min)

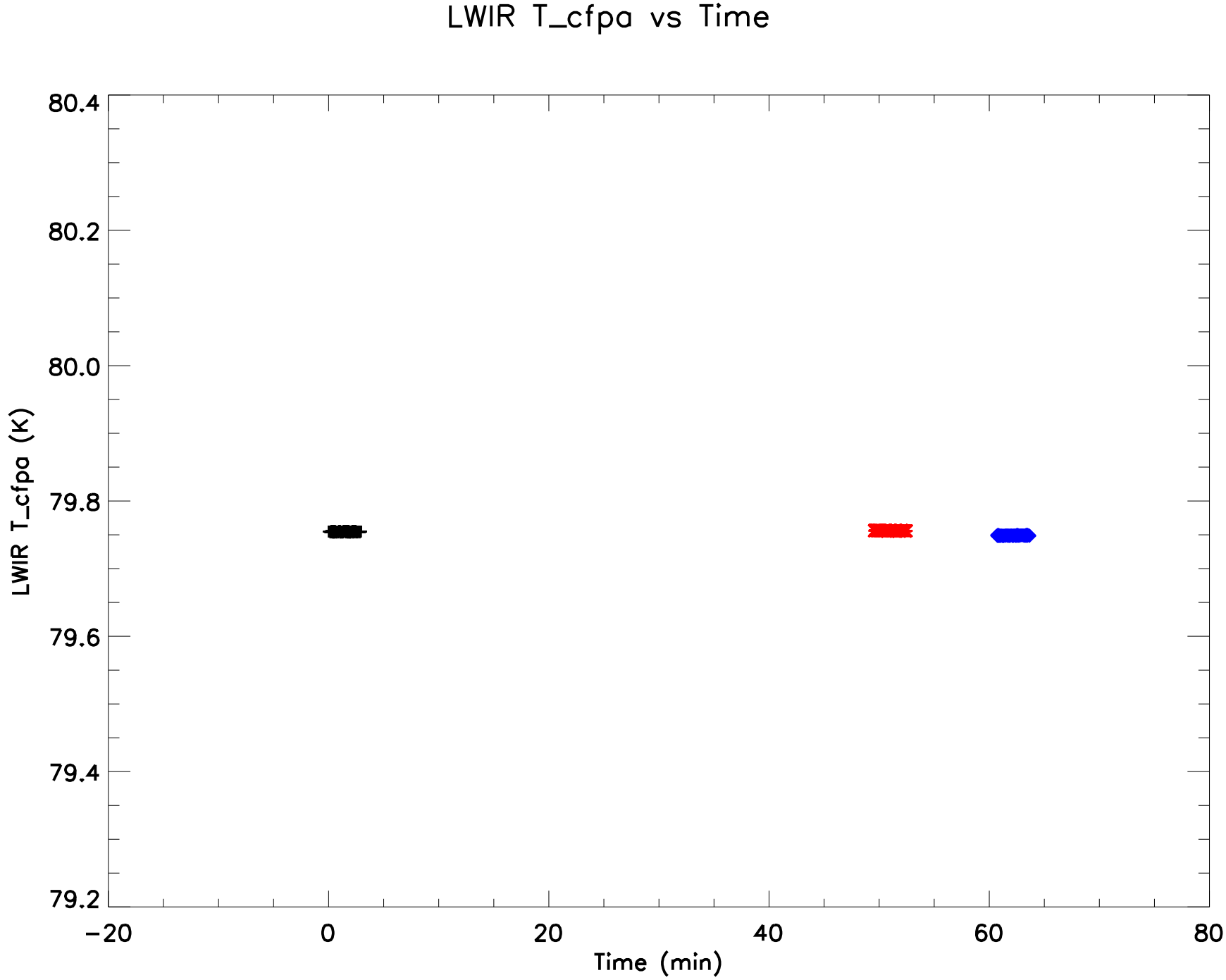
VisNIR T_fpa vs Scan



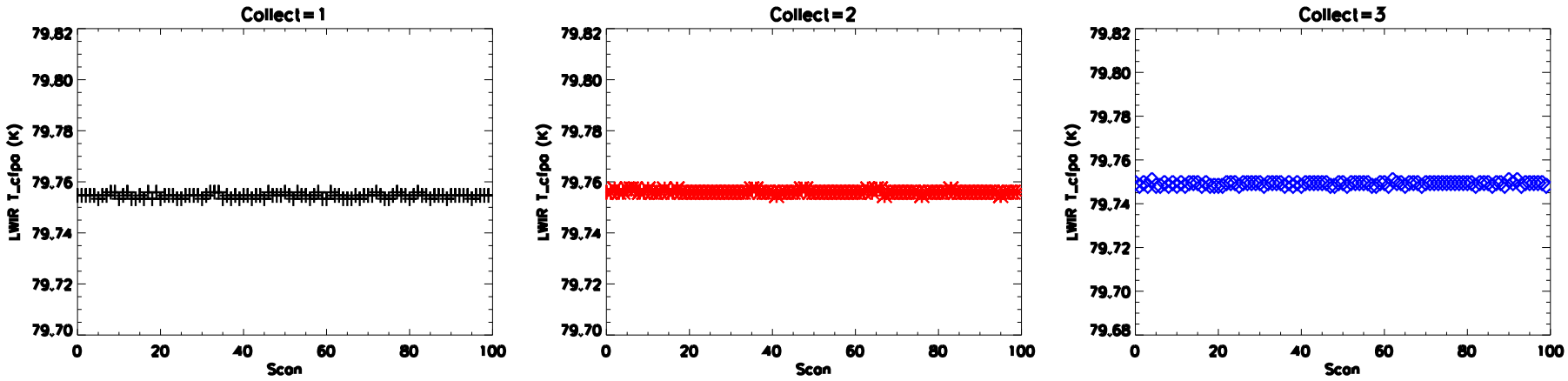

SMWIR T_cfpa vs Time
SMWIR T_cfpa (K)
80.4
80.2
80.0
79.8
79.6
79.4
79.2
−20
0
20
40
60
80
Time (min)

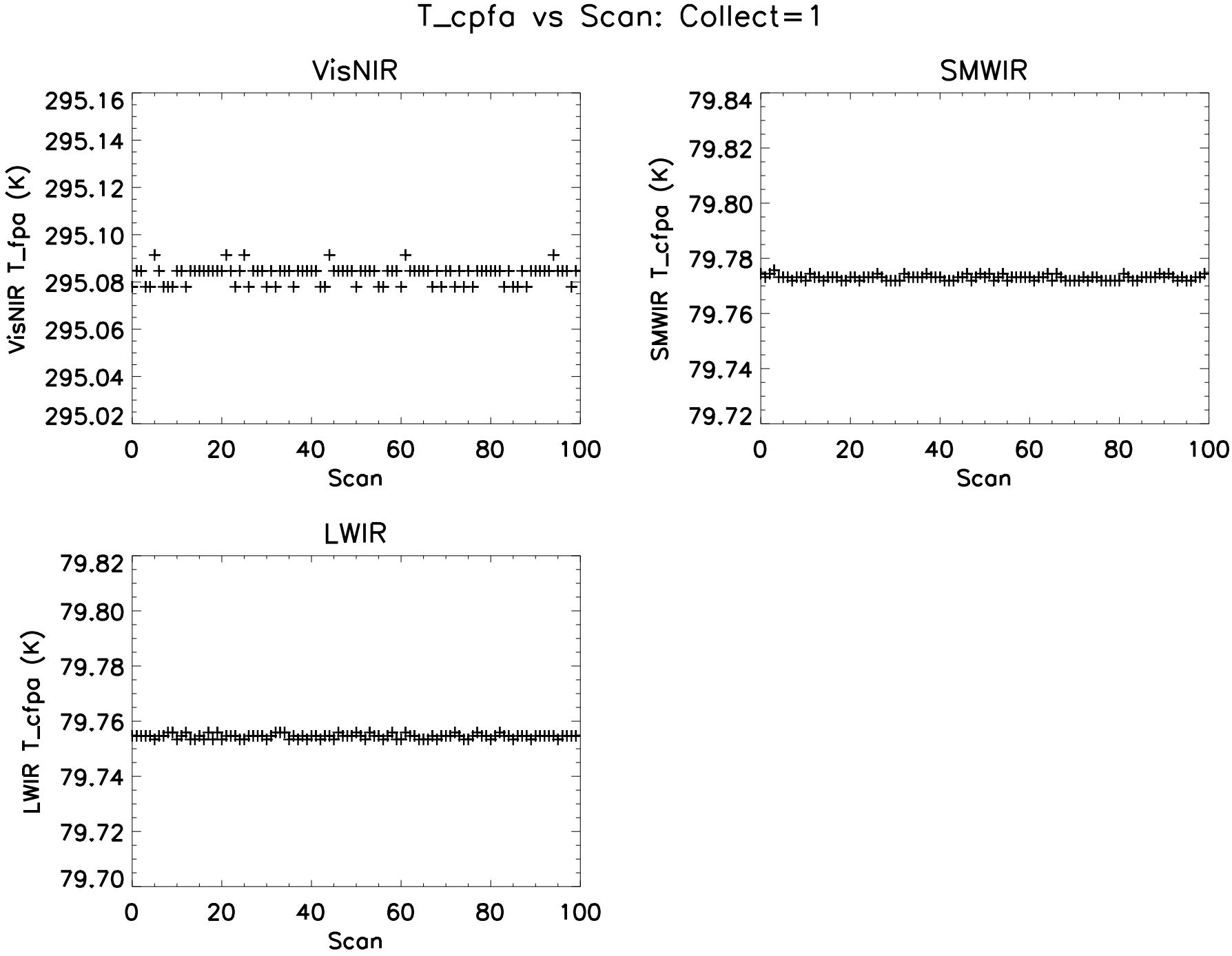
SMWIR T_cfpa vs Scan

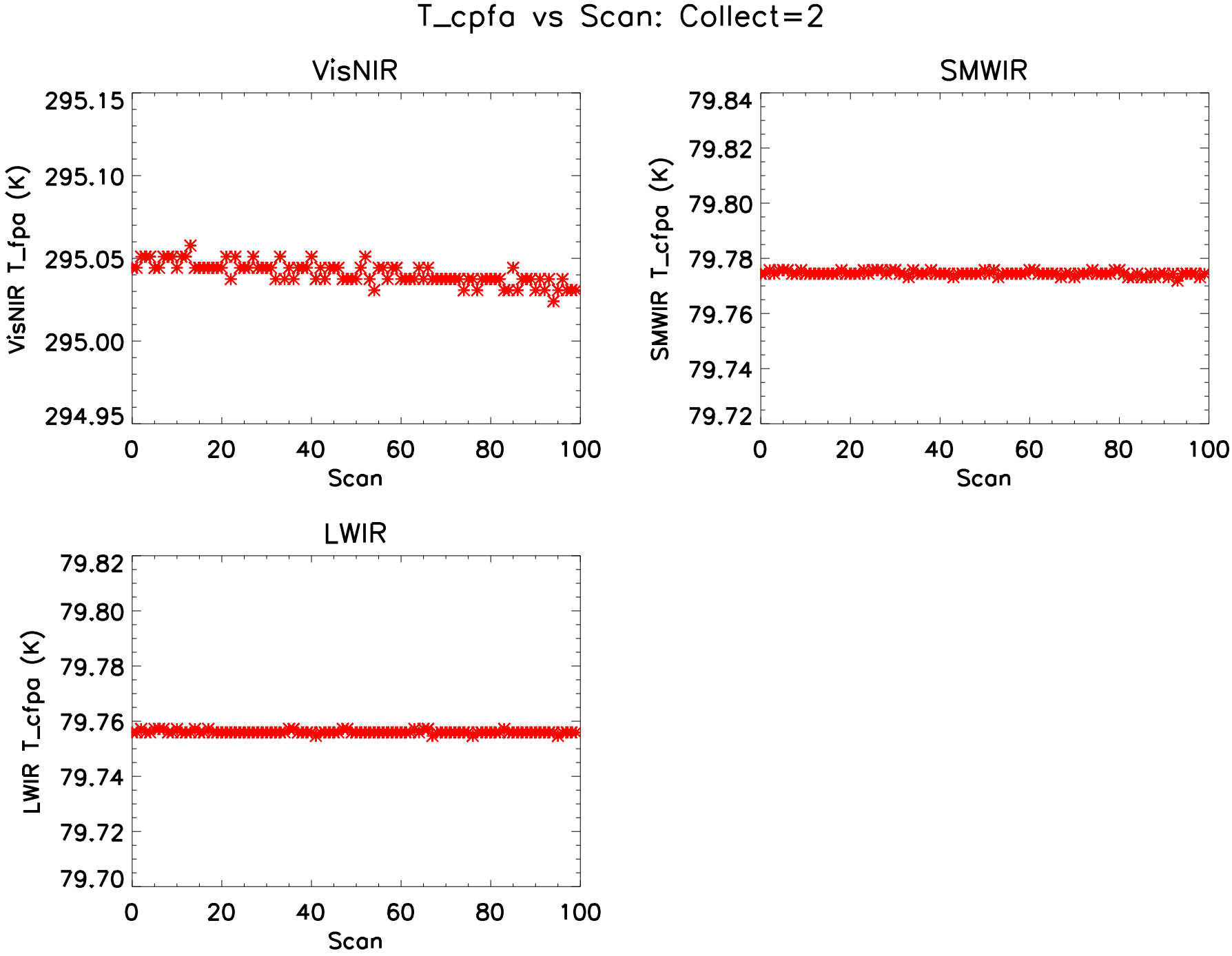


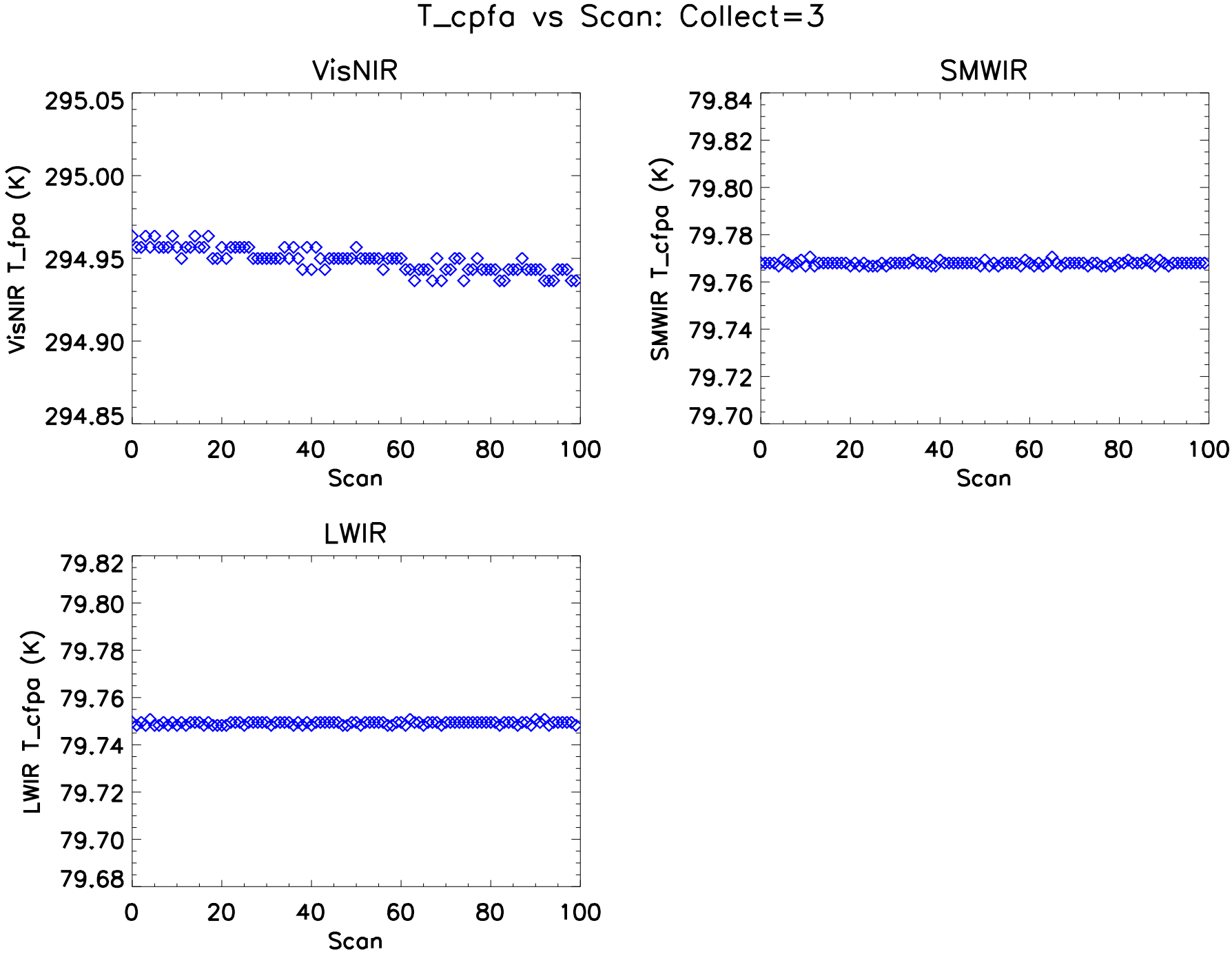

LWIR T_cfpa vs Time
LWIR T_cfpa (K)
80.4
80.2
80.0
79.8
79.6
79.4
79.2
−20
0
20
40
60
80
Time (min)

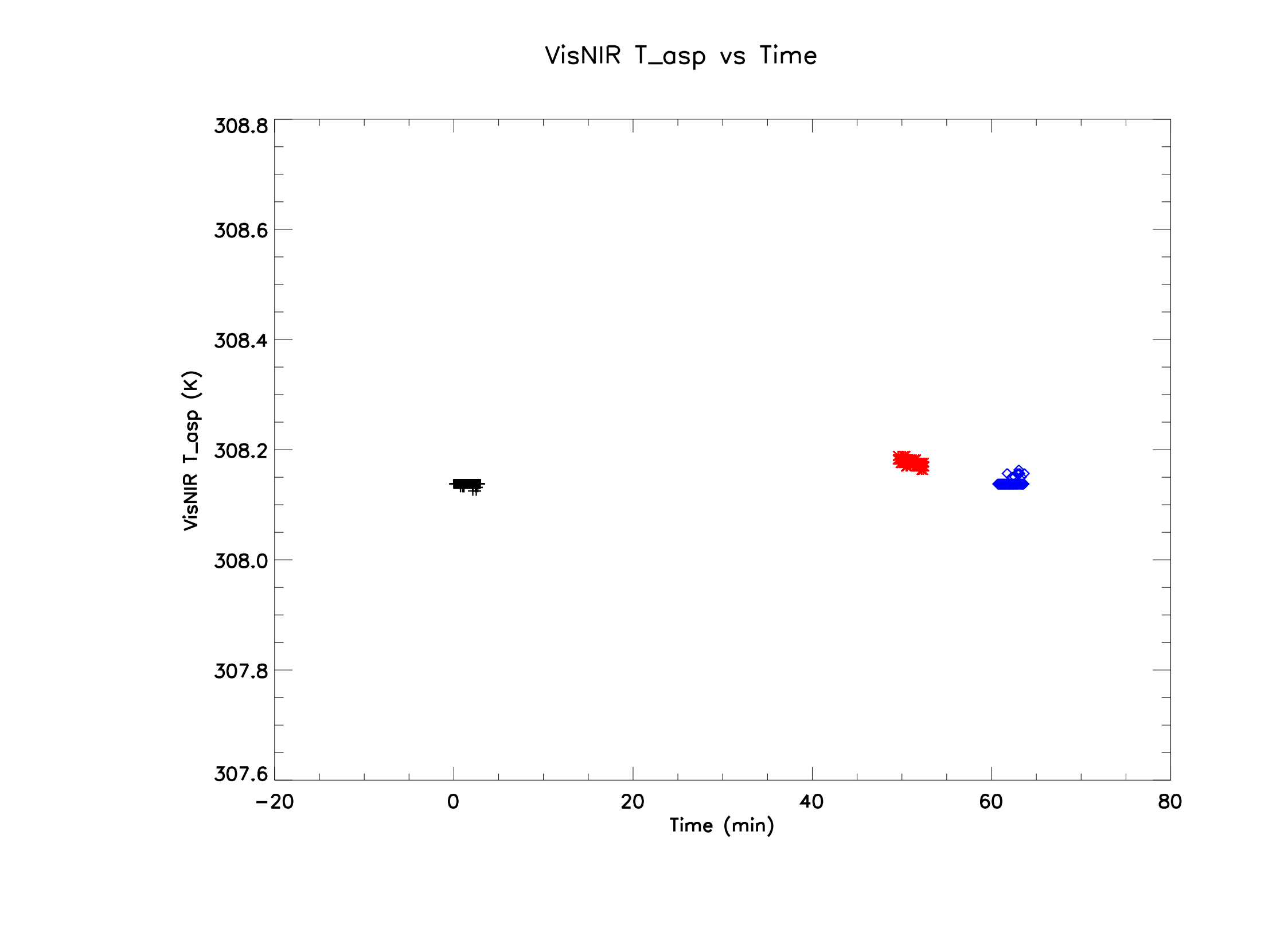
LWIR T_cfpa vs Scan



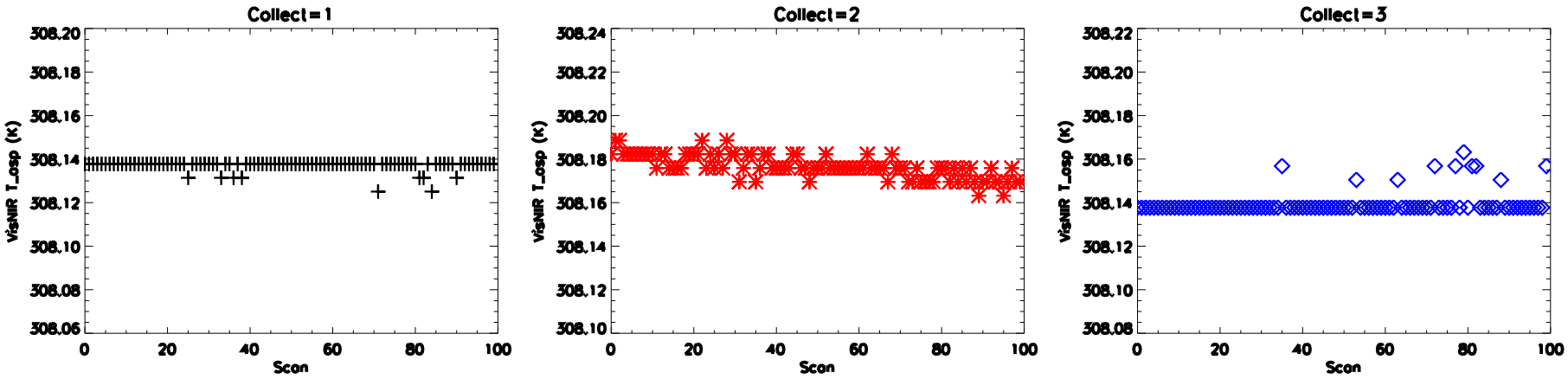

T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
295.16
295.14
295.12
295.10
295.08
295.06
295.04
295.02
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.84
79.82
79.80
79.78
79.76
79.74
79.72
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
79.82
79.80
79.78
79.76
79.74
79.72
79.70
0
20
40
60
80
100
Scan

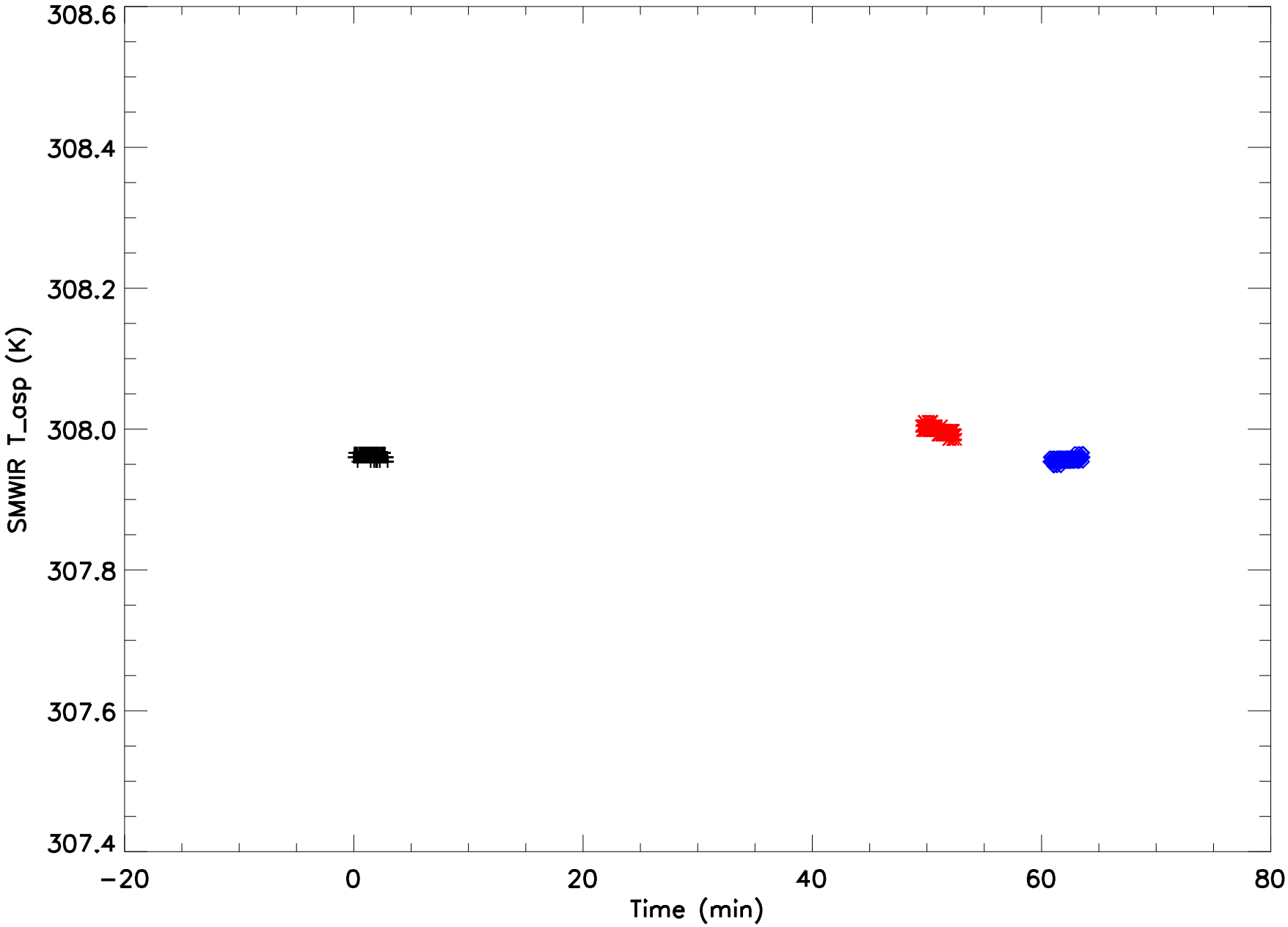

T_cpfa vs Scan: Collect=2
VisNIR
VisNIR T_fpa (K)
295.15
295.10
295.05
295.00
294.95
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.84
79.82
79.80
79.78
79.76
79.74
79.72
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
79.82
79.80
79.78
79.76
79.74
79.72
79.70
0
20
40
60
80
100
Scan


T_cpfa vs Scan: Collect=3
VisNIR
VisNIR T_fpa (K)
295.05
295.00
294.95
294.90
294.85
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_cfpa (K)
79.84
79.82
79.80
79.78
79.76
79.74
79.72
79.70
0
20
40
60
80
100
Scan
LWIR
LWIR T_cfpa (K)
79.82
79.80
79.78
79.76
79.74
79.72
79.70
79.68
0
20
40
60
80
100
Scan

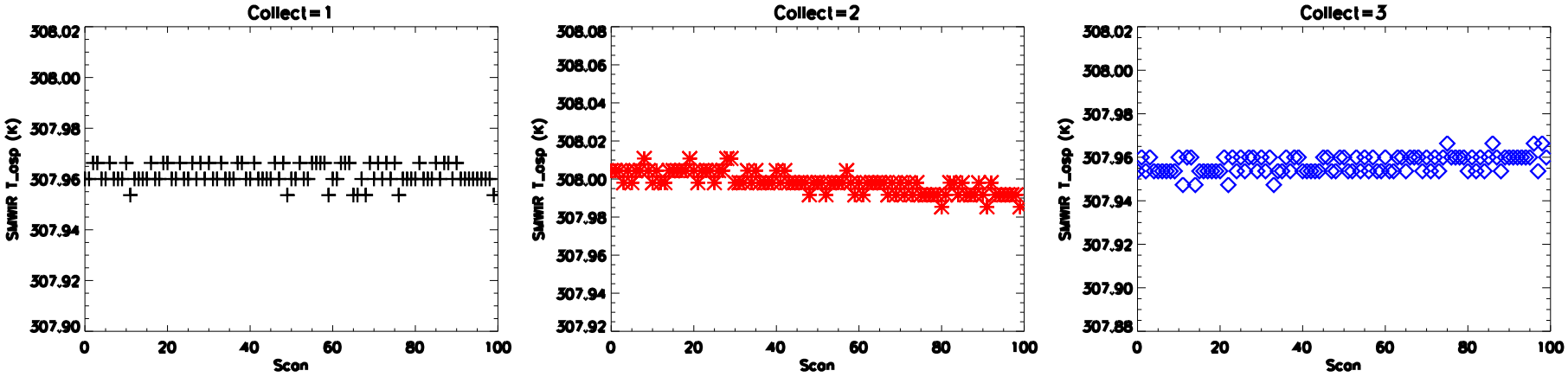

VisNIR T_asp vs Time
VisNIR T_asp (K)
308.8
308.6
308.4
308.2
308.0
307.8
307.6
−20
0
20
40
60
80
Time (min)

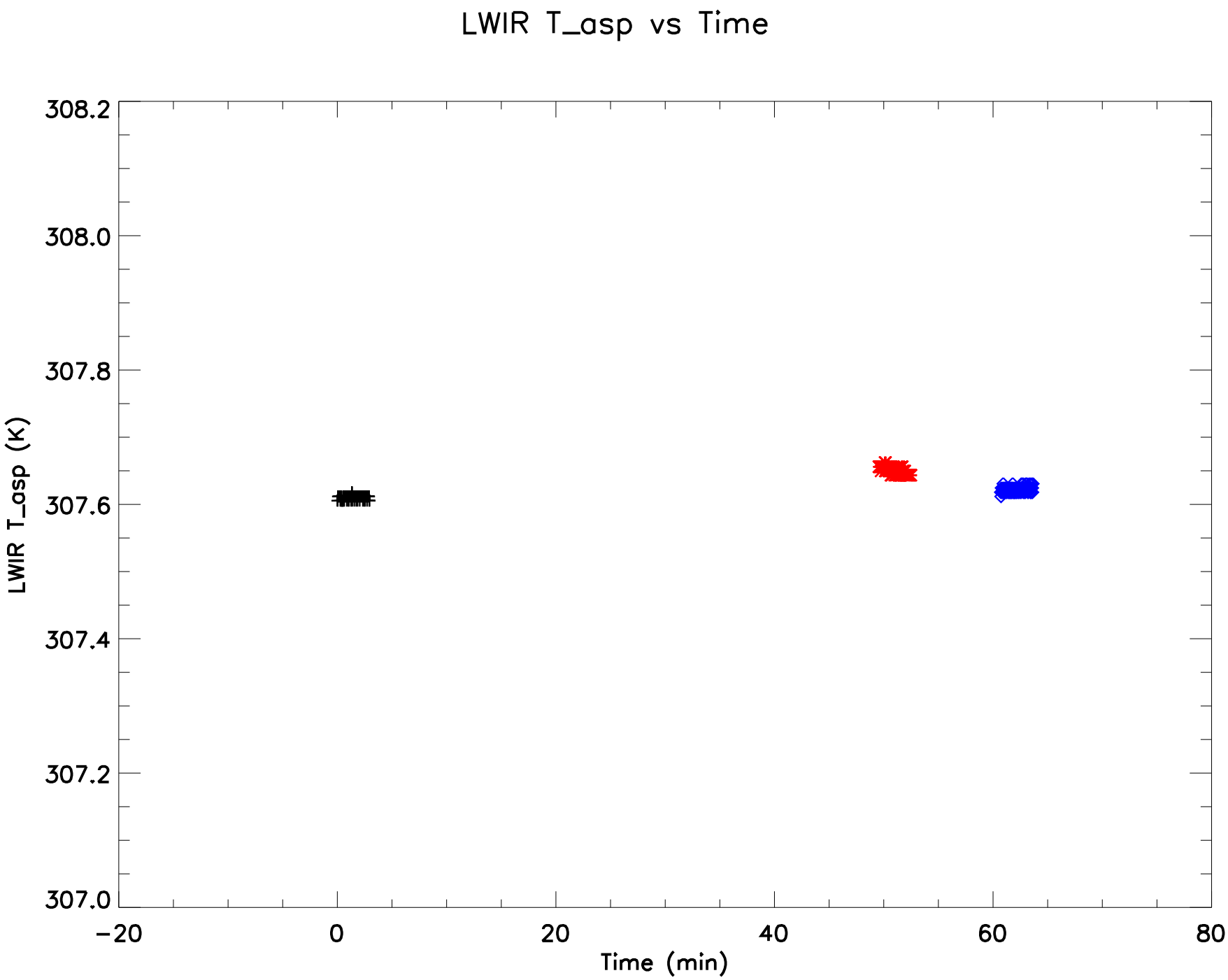
VisNIR T_asp vs Scan



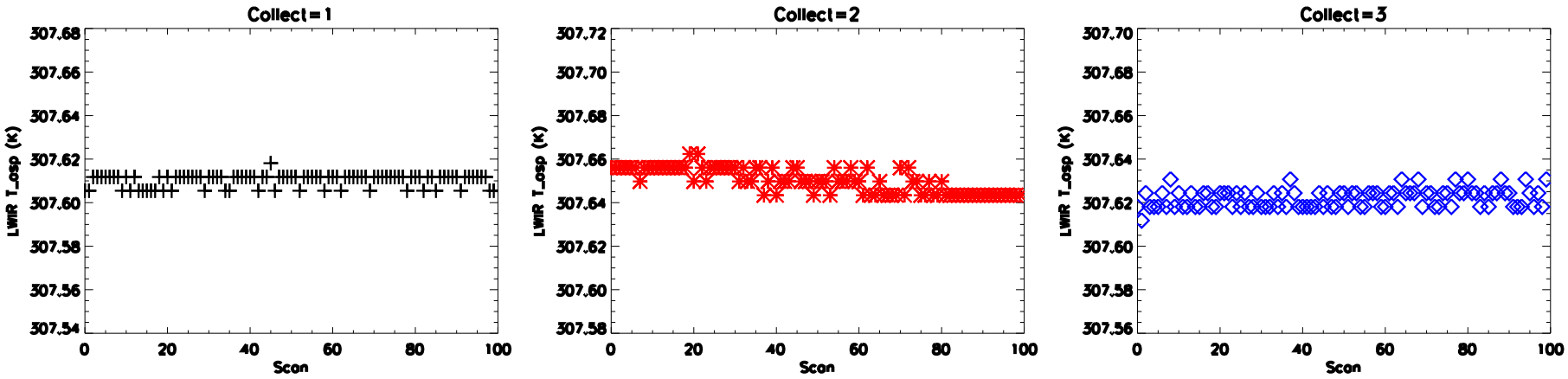

SMWIR T_asp vs Time
SMWIR T_asp (K)
308.6
308.4
308.2
308.0
307.8
307.6
307.4
−20
0
20
40
60
80
Time (min)

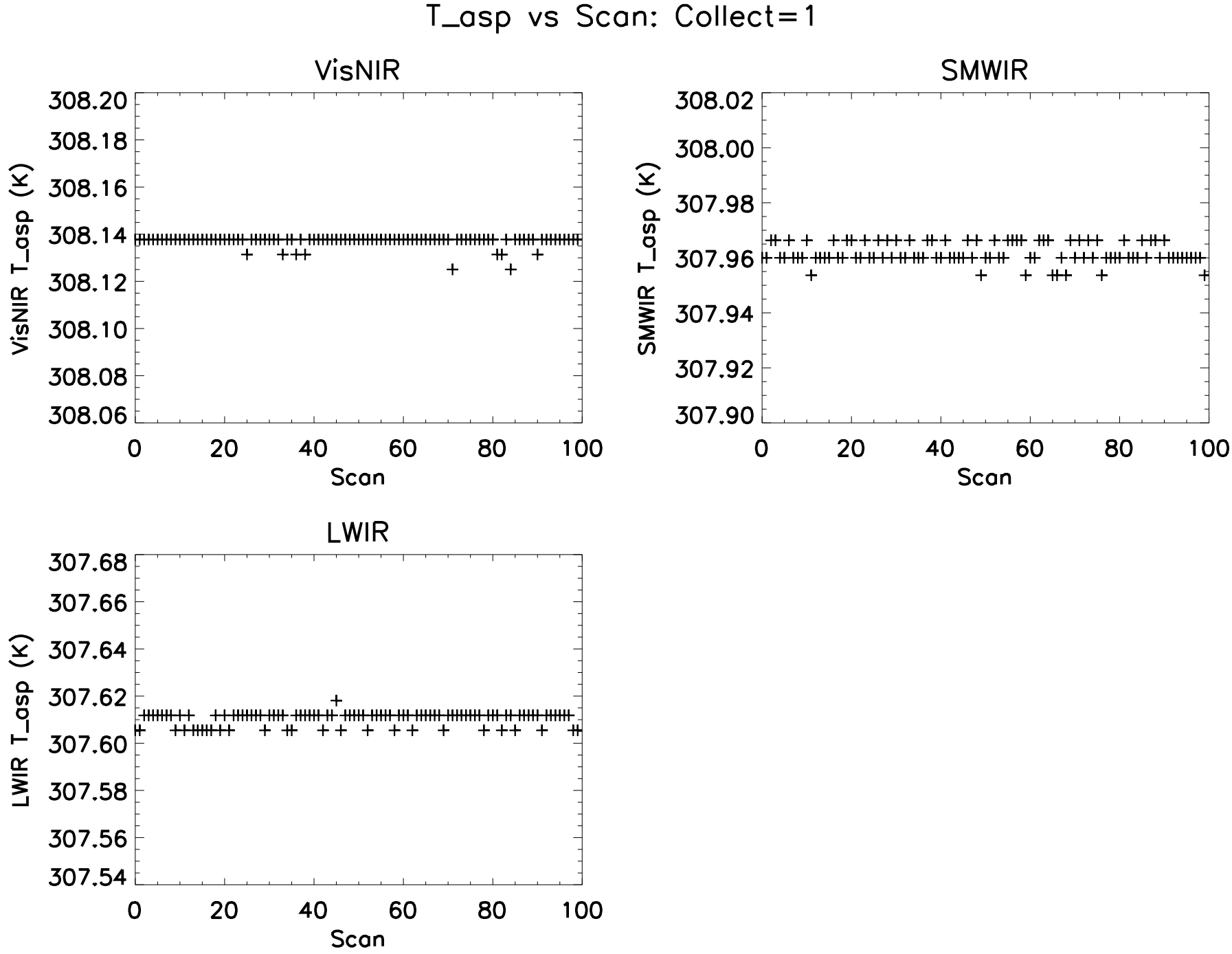
SMWIR T_asp vs Scan

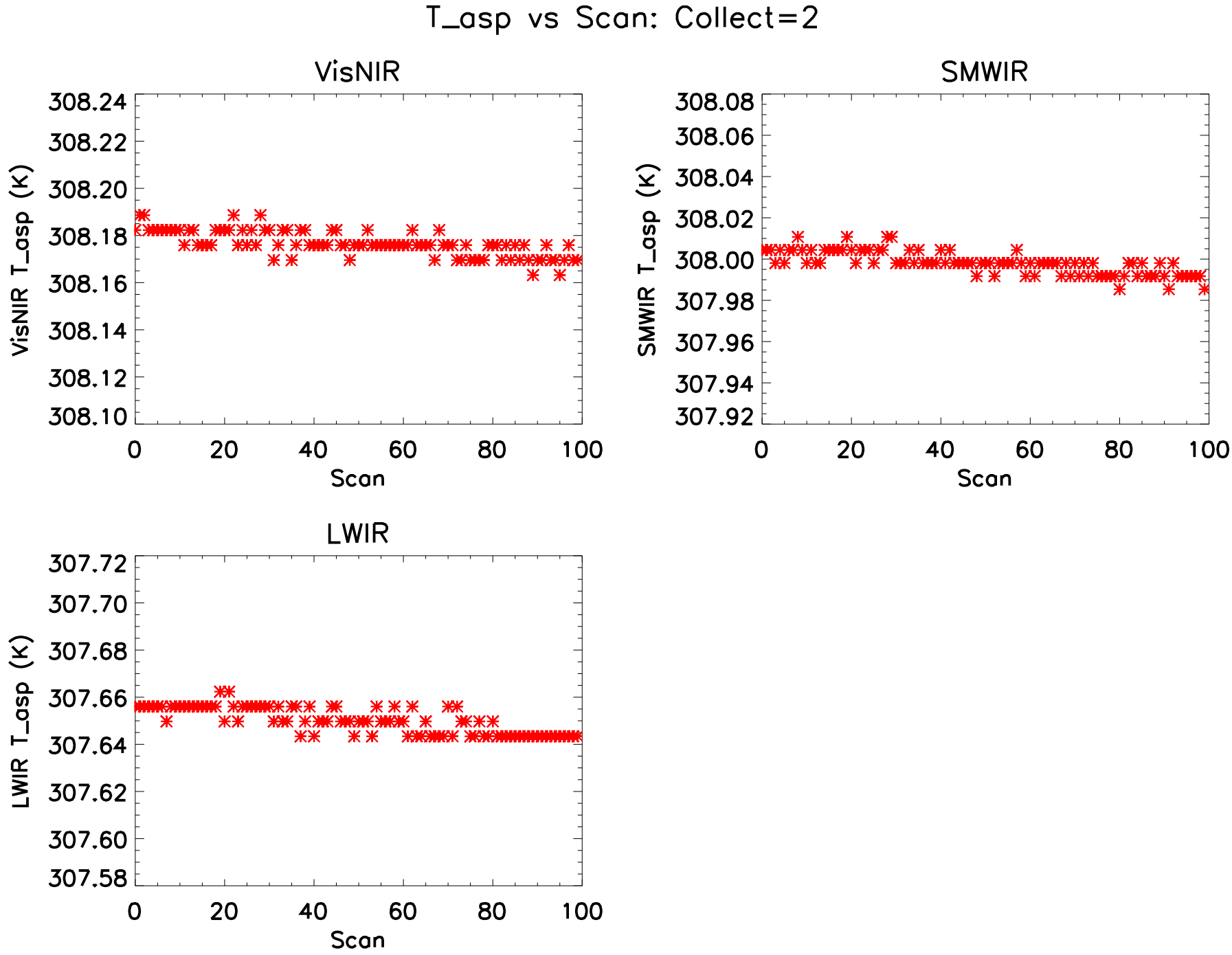


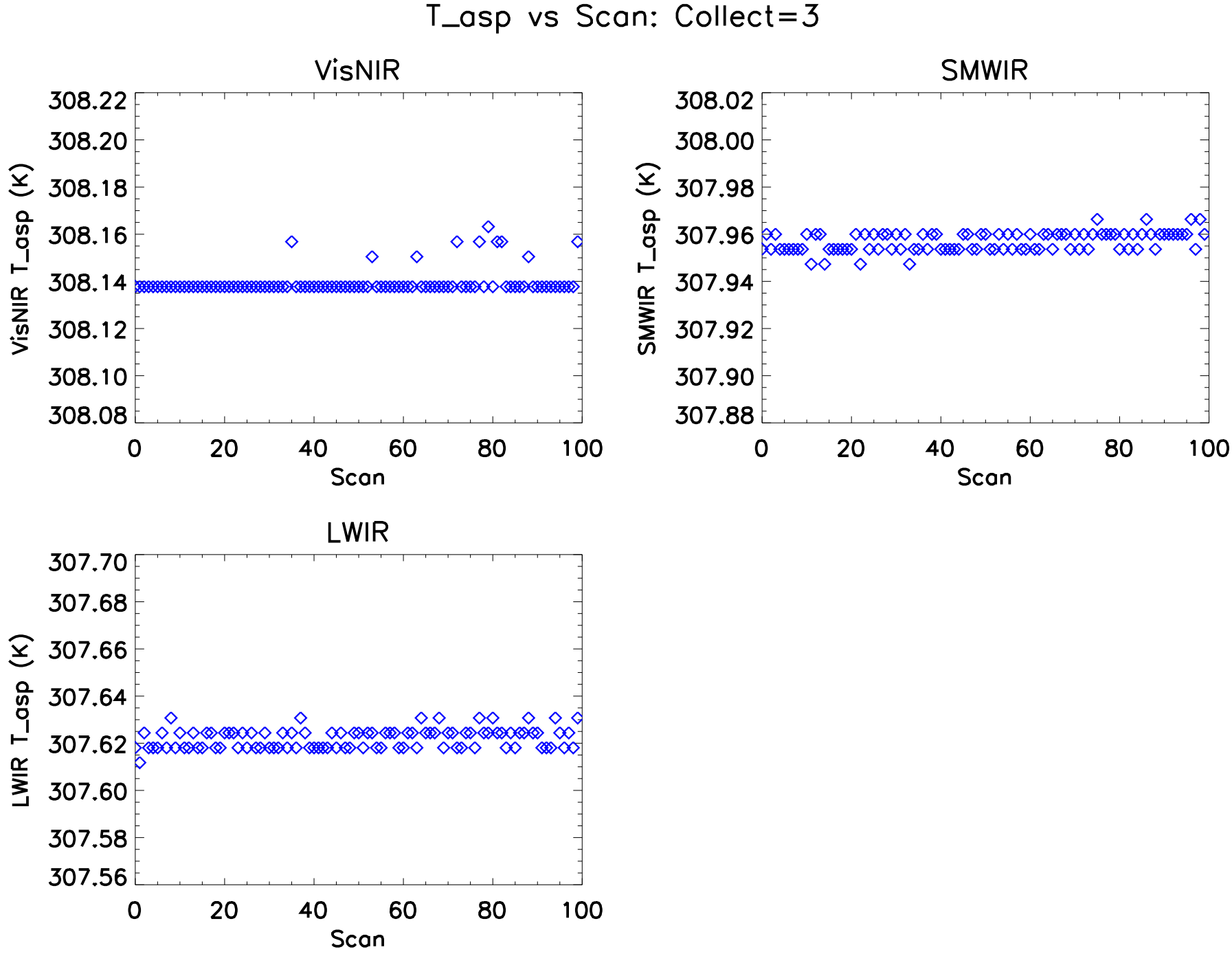

LWIR T_asp vs Time
LWIR T_asp (K)
308.2
308.0
307.8
307.6
307.4
307.2
307.0
−20
0
20
40
60
80
Time (min)

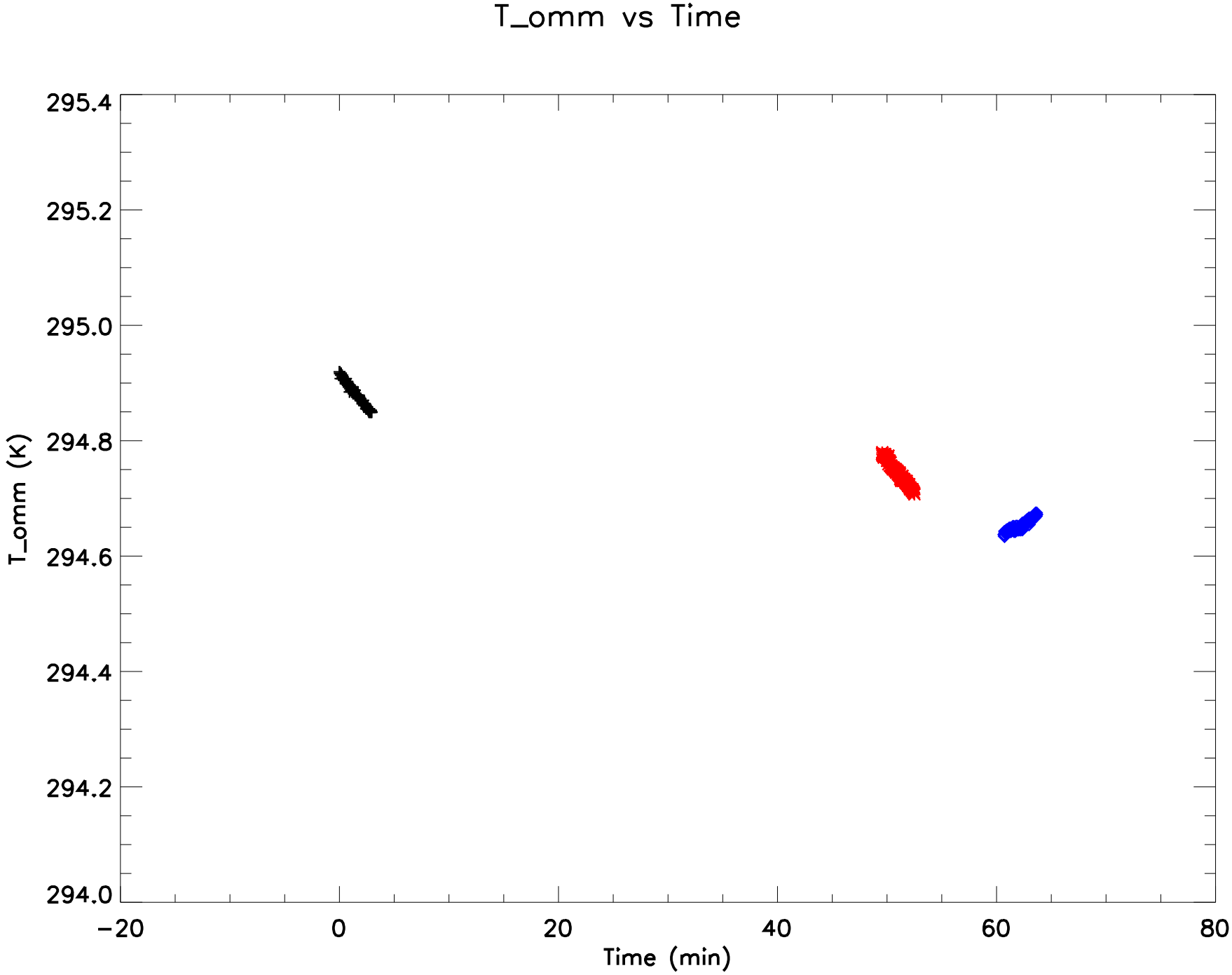
LWIR T_asp vs Scan



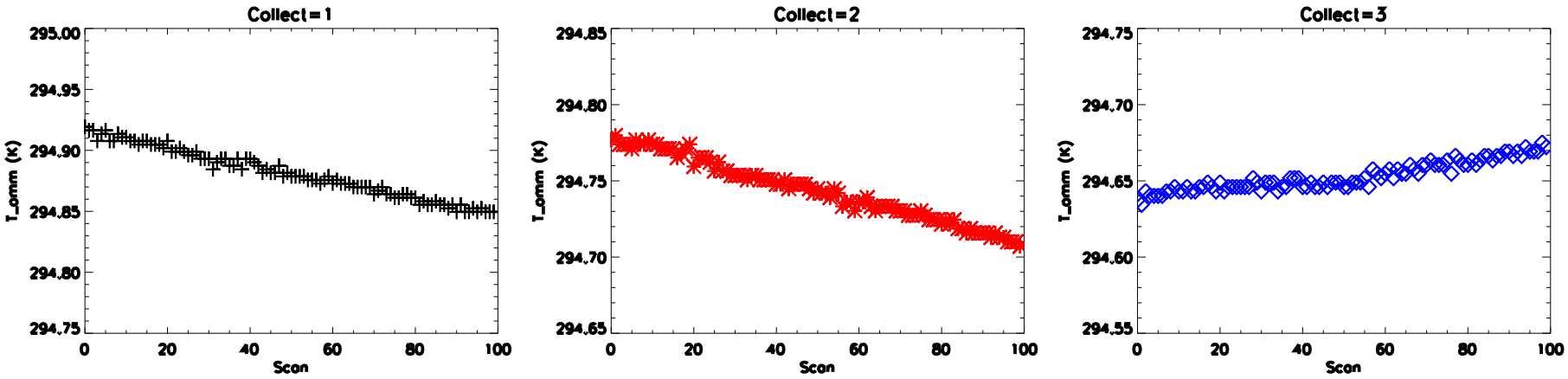

T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
308.20
308.18
308.16
308.14
308.12
308.10
308.08
308.06
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
308.02
308.00
307.98
307.96
307.94
307.92
307.90
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
307.68
307.66
307.64
307.62
307.60
307.58
307.56
307.54
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=2
VisNIR
VisNIR T_asp (K)
308.24
308.22
308.20
308.18
308.16
308.14
308.12
308.10
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
308.08
308.06
308.04
308.02
308.00
307.98
307.96
307.94
307.92
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
307.72
307.70
307.68
307.66
307.64
307.62
307.60
307.58
0
20
40
60
80
100
Scan


T_asp vs Scan: Collect=3
VisNIR
VisNIR T_asp (K)
308.22
308.20
308.18
308.16
308.14
308.12
308.10
308.08
0
20
40
60
80
100
Scan
SMWIR
SMWIR T_asp (K)
308.02
308.00
307.98
307.96
307.94
307.92
307.90
307.88
0
20
40
60
80
100
Scan
LWIR
LWIR T_asp (K)
307.70
307.68
307.66
307.64
307.62
307.60
307.58
307.56
0
20
40
60
80
100
Scan


T_omm vs Time
295.4
295.2
295.0
294.8
294.6
294.4
294.2
294.0
T_omm (K)
−20
0
20
40
60
80
Time (min)

T_omm vs Scan


Collect = 1
Collect = 2
Collect = 3
T_omm (K)
Scan
295.00
294.95
294.90
294.85
294.80
294.75
294.85
294.80
294.75
294.70
294.65
294.75
294.70
294.65
294.60
294.55
0
20
40
60
80
100