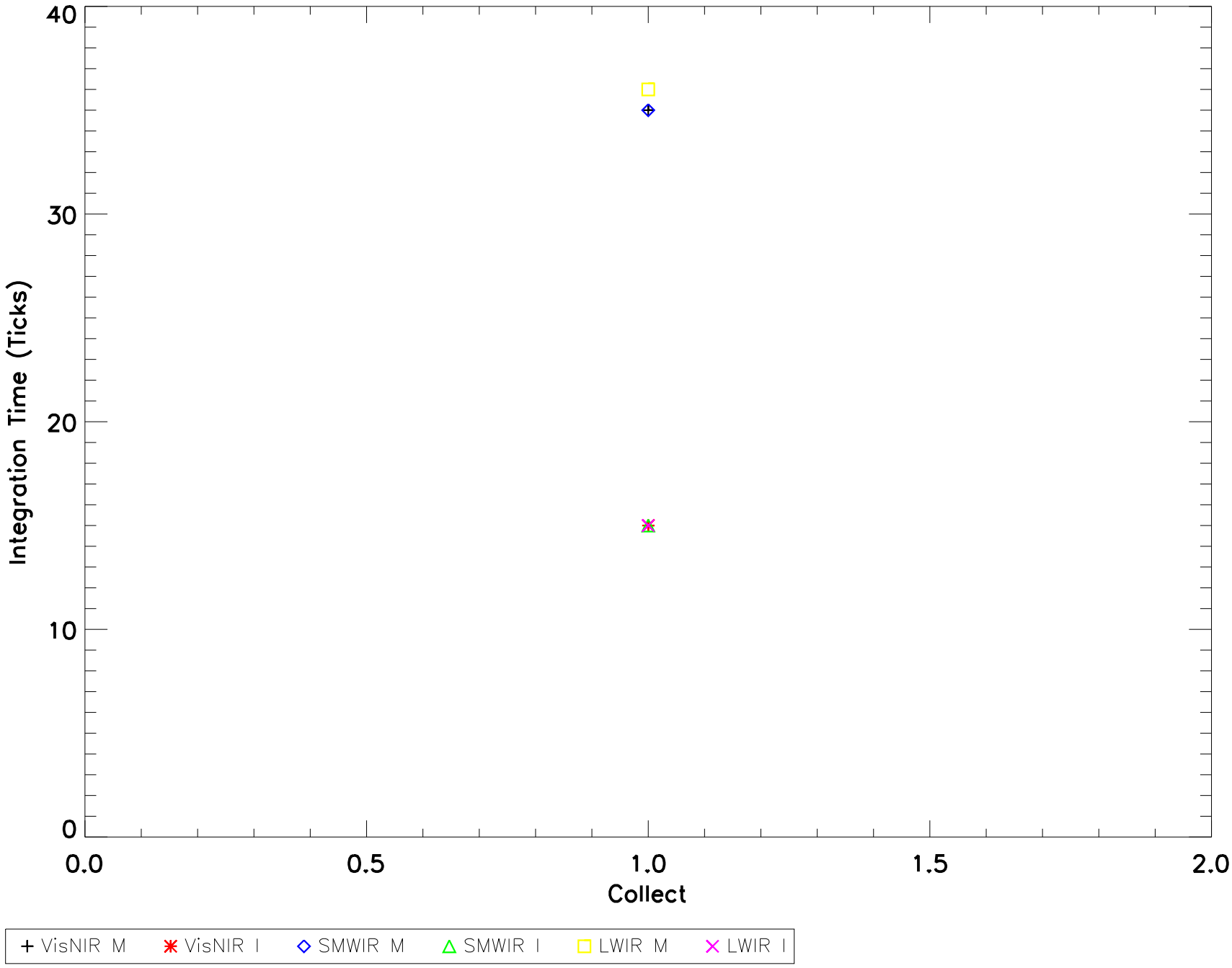
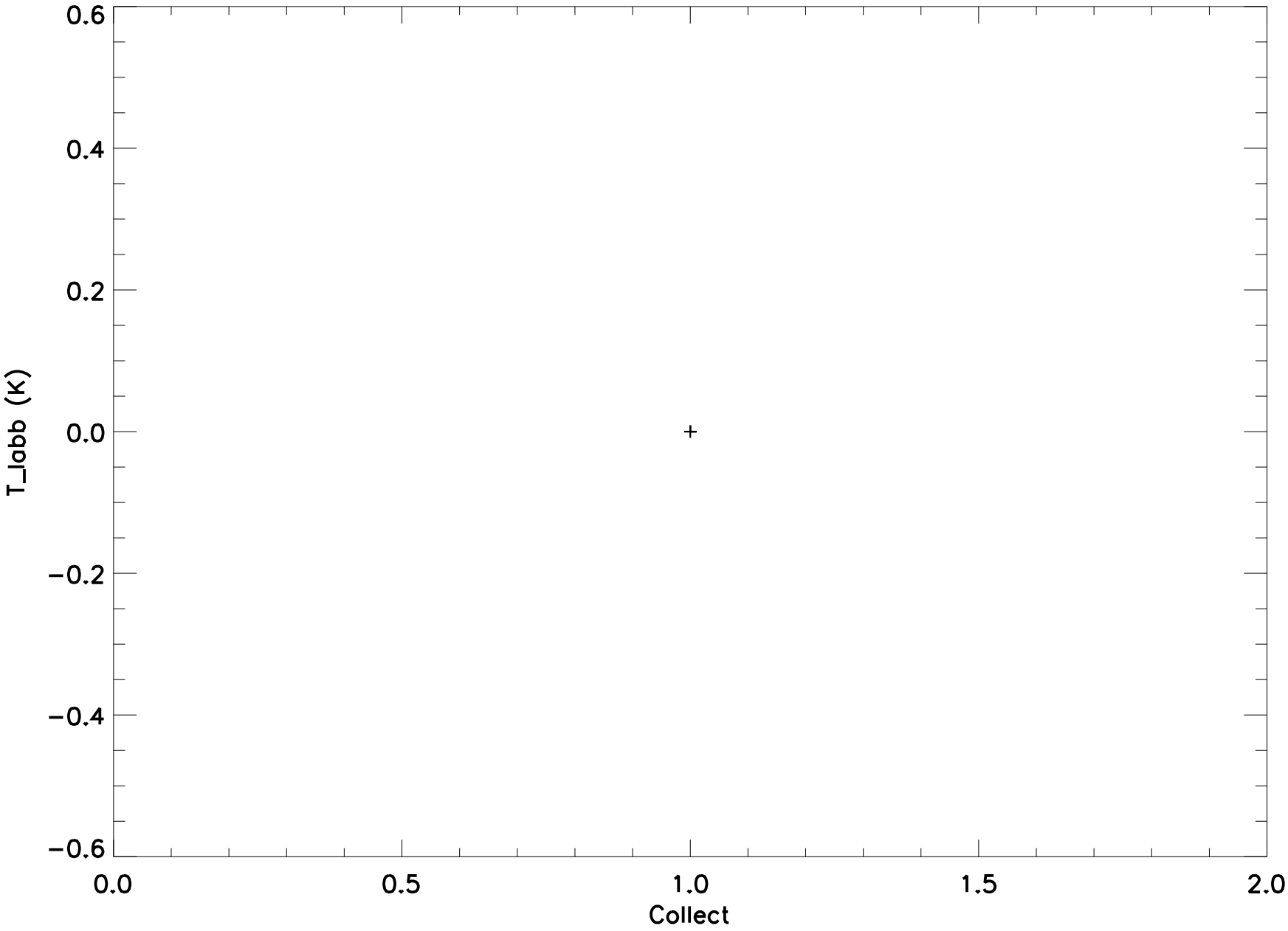
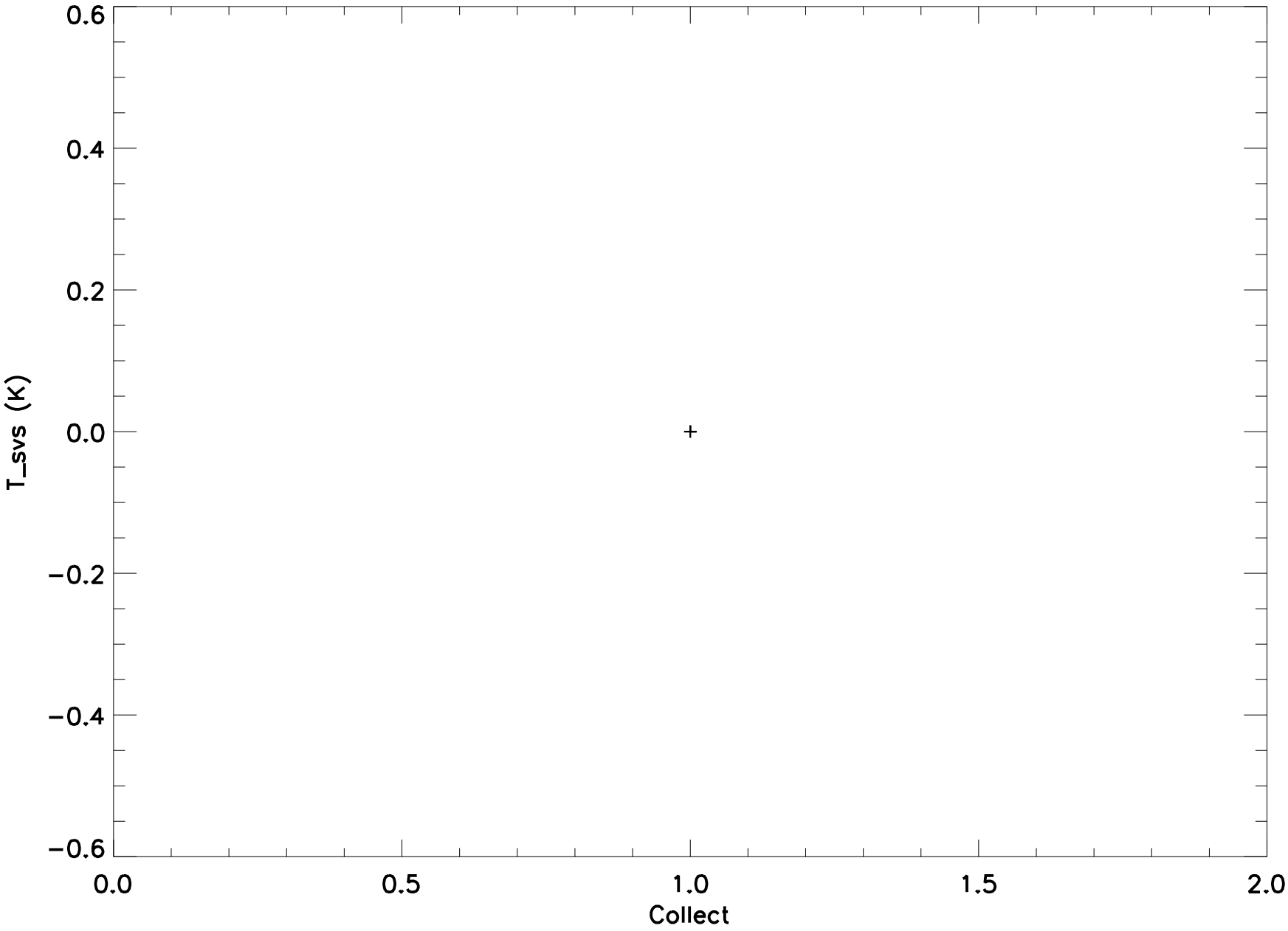
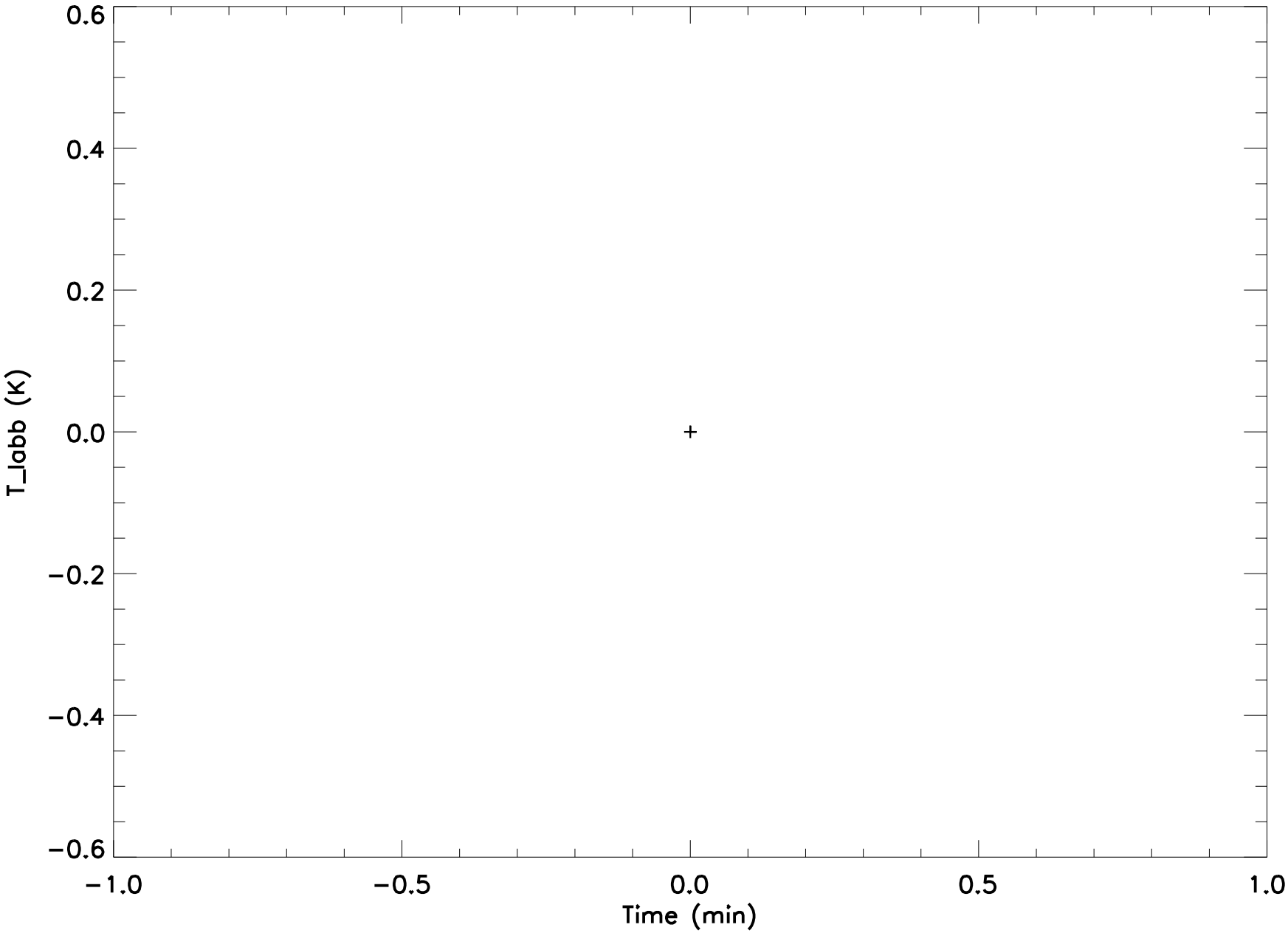
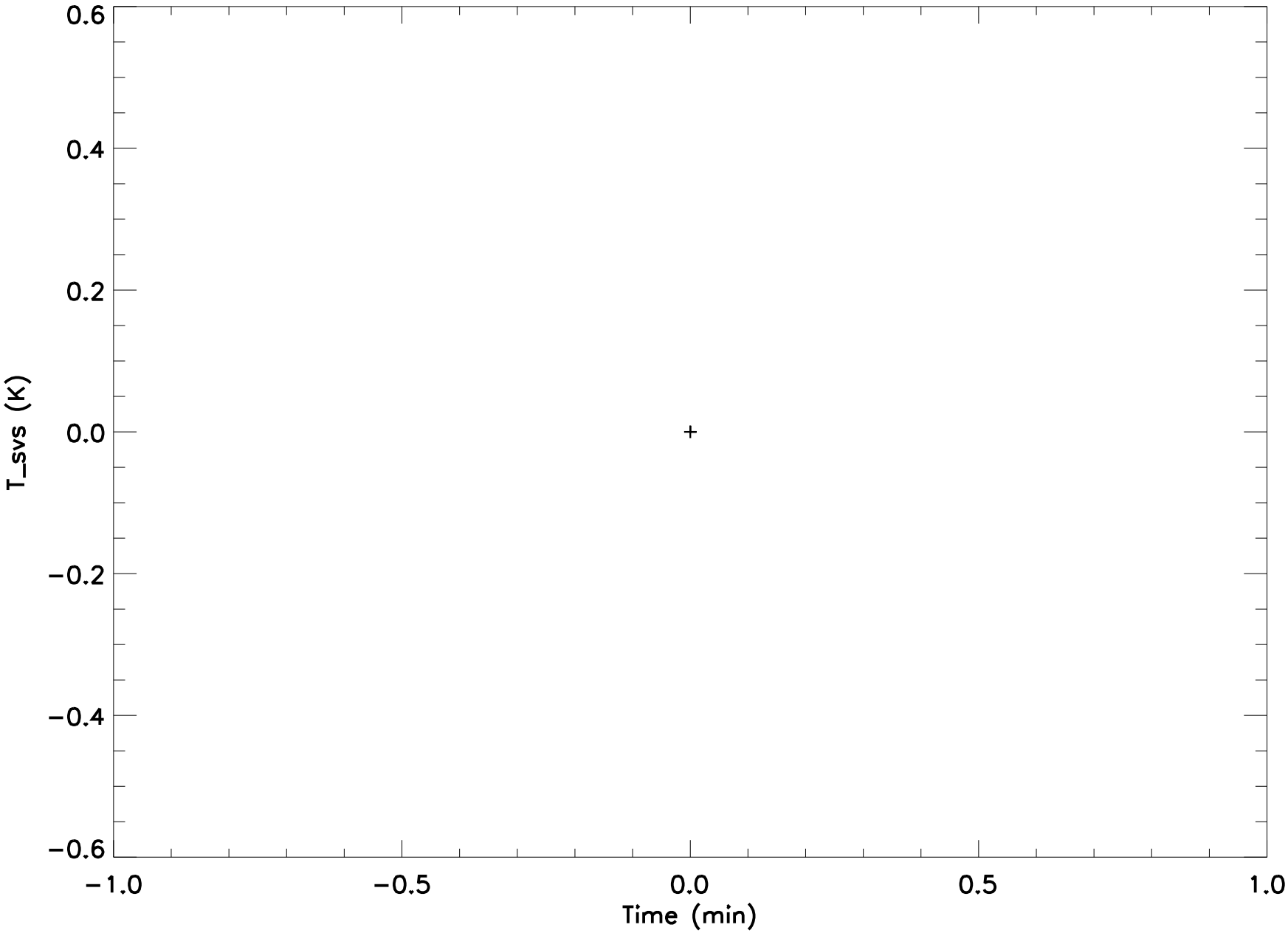
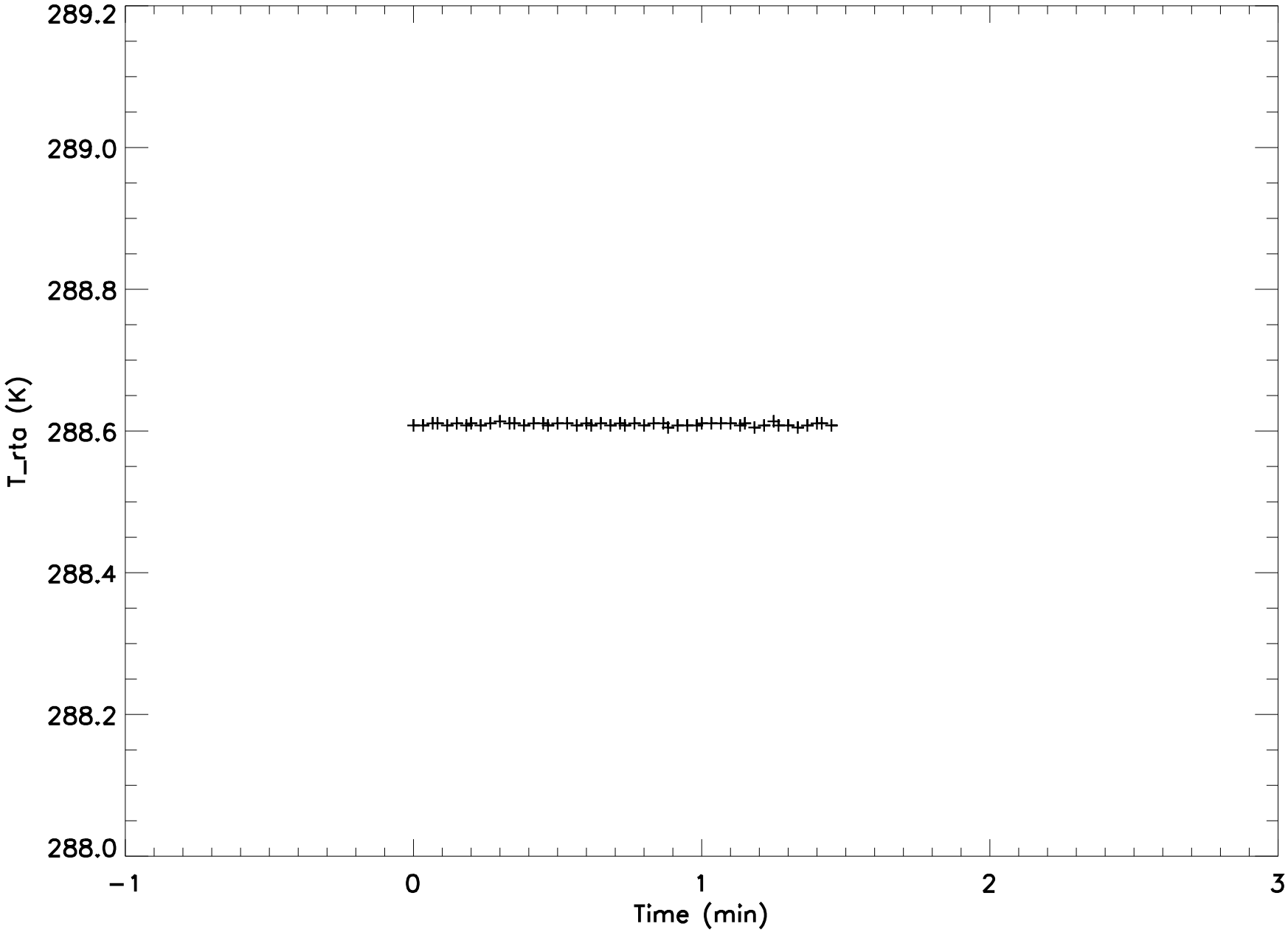

Integration Time vs Collect
Integration Time (Ticks)
40
30
20
10
0
0.0
0.5
1.0
1.5
2.0
Collect
VisNIR M
VisNIR I
SMWIR M
SMWIR I
LWIR M
LWIR I

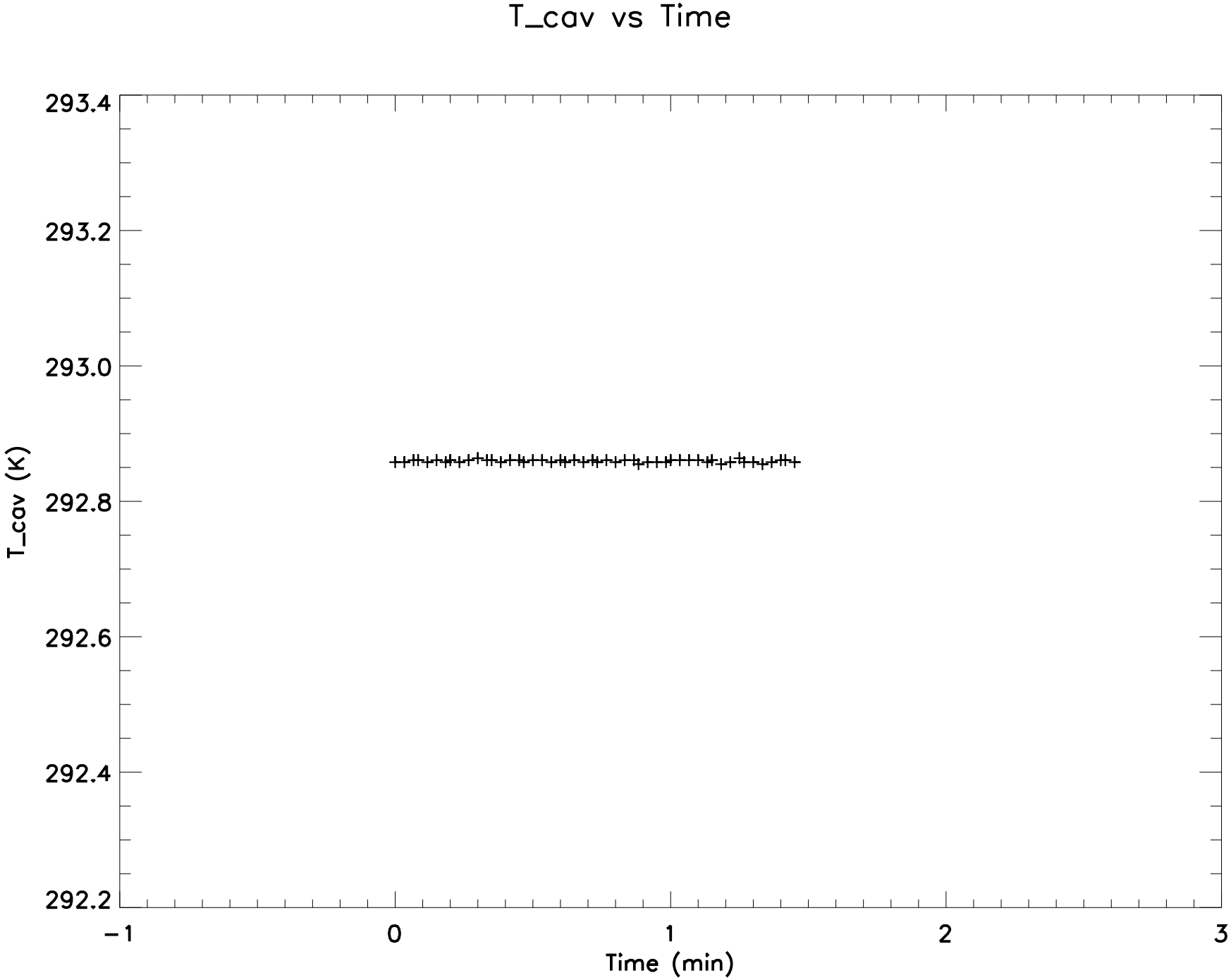

T_labb vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
0.0
0.5
1.0
1.5
2.0
Collect

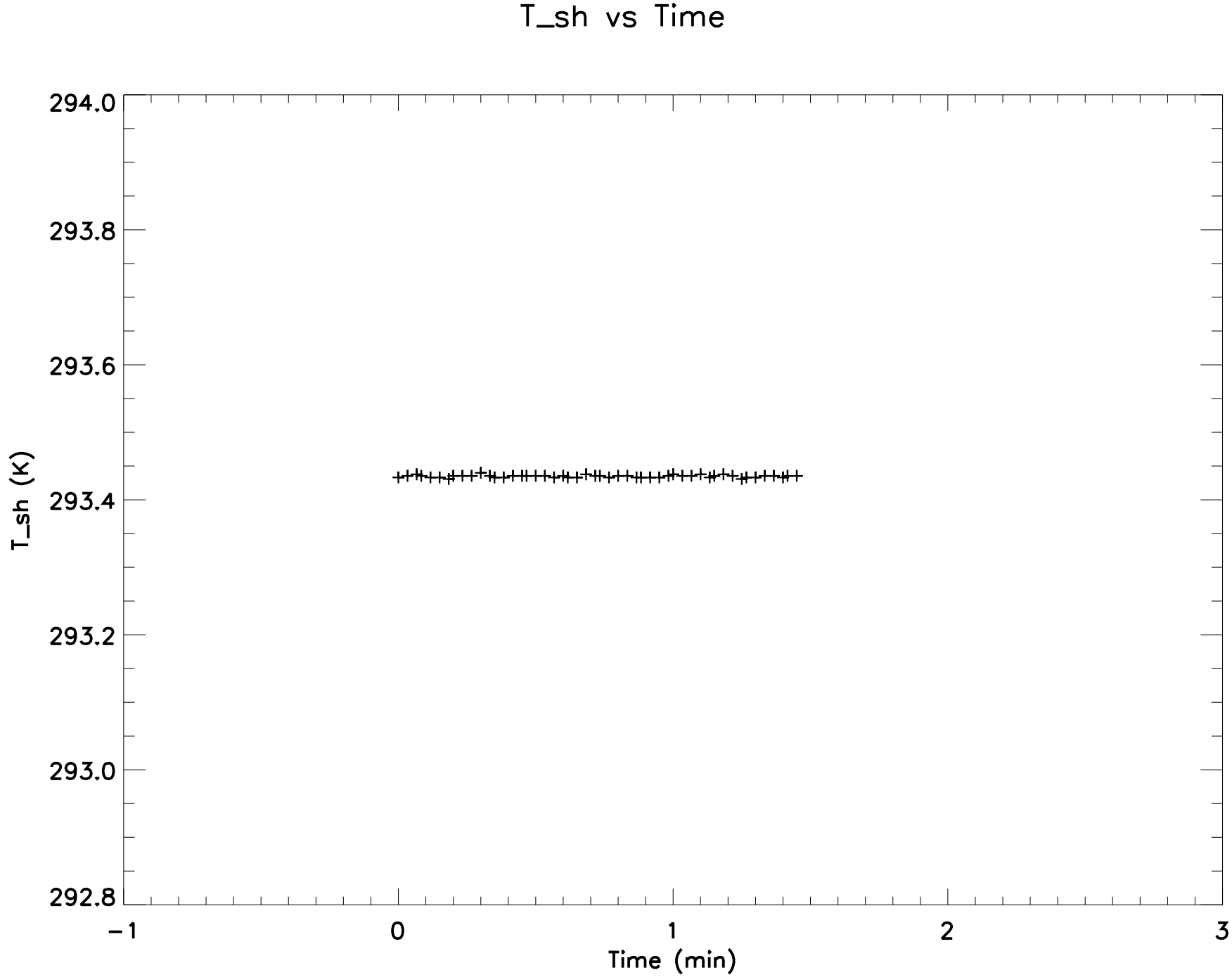

T_svs vs Collect
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
0.0
0.5
1.0
1.5
2.0
Collect

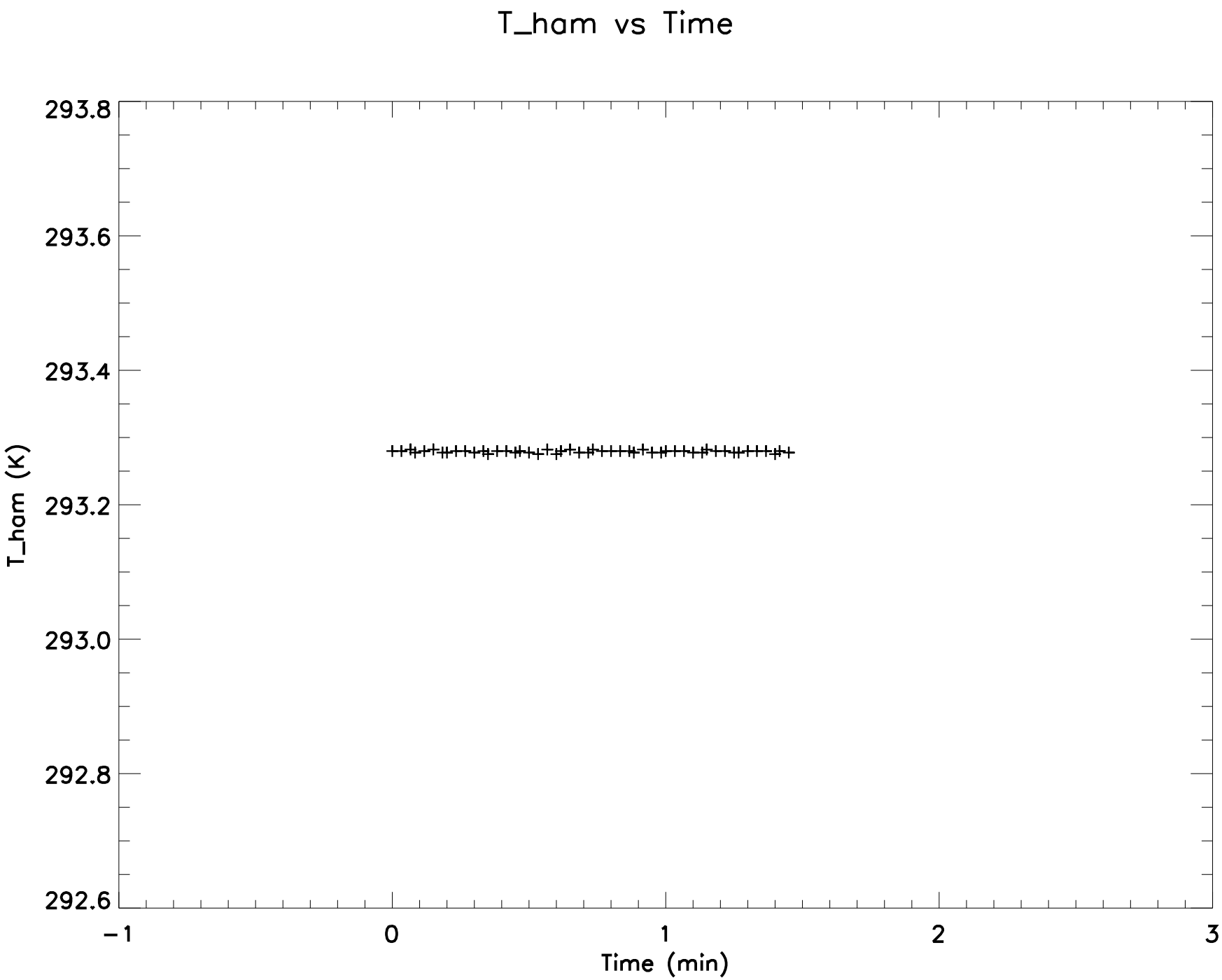

T_labb vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_labb (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)

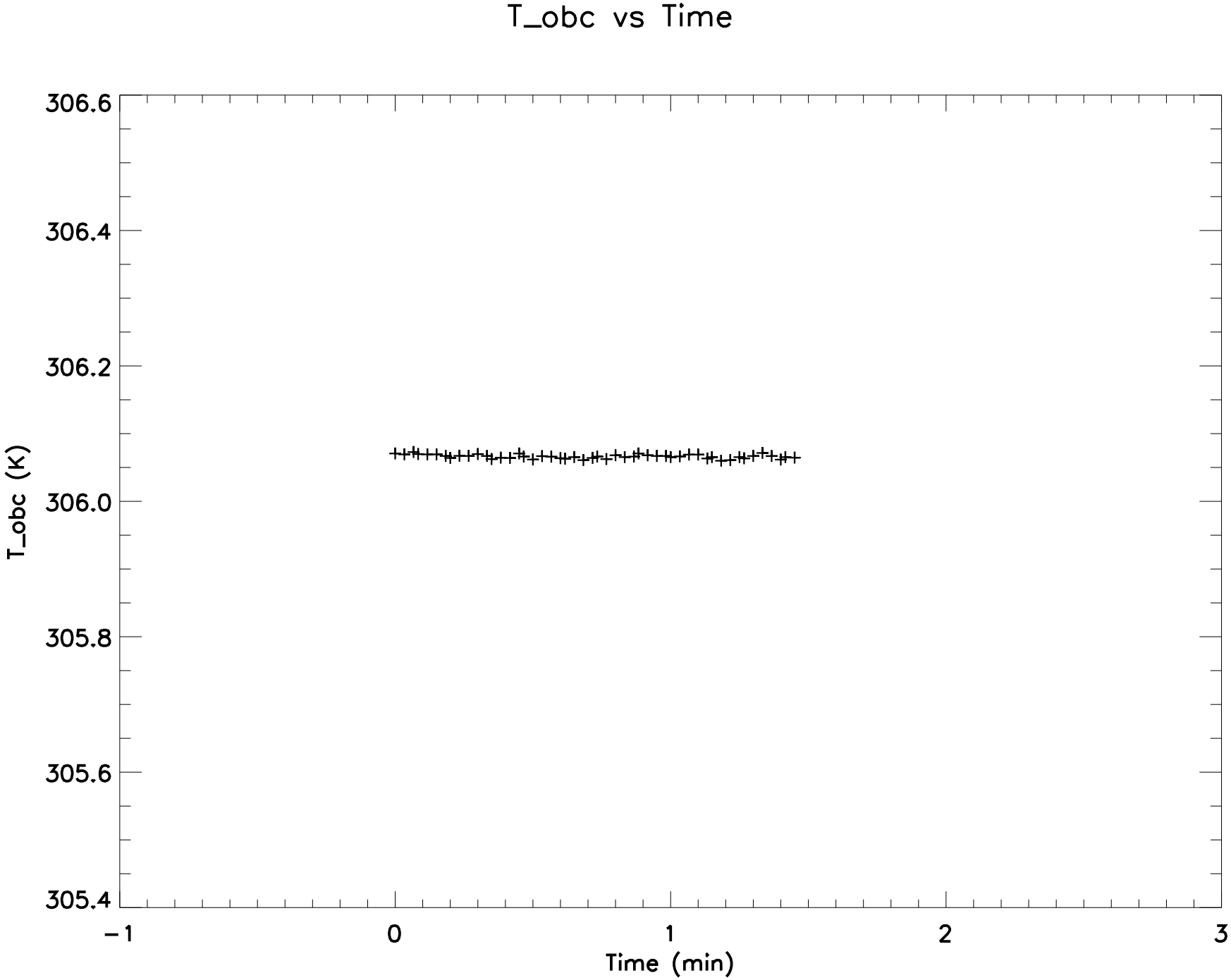

T_svs vs Time
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
T_svs (K)
−1.0
−0.5
0.0
0.5
1.0
Time (min)


T_rta vs Time
289.2
289.0
288.8
288.6
288.4
288.2
288.0
T_rta (K)
−1
0
1
2
3
Time (min)

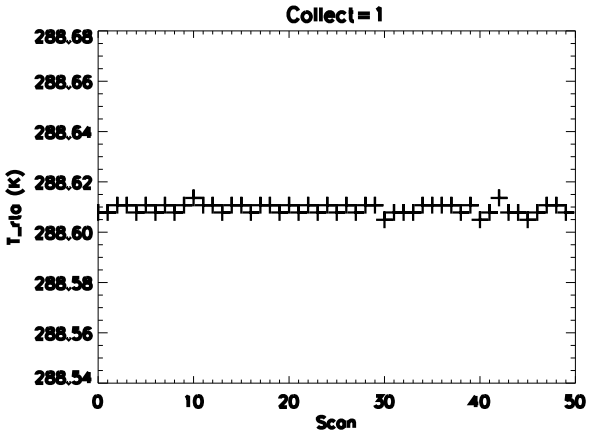

T_cav vs Time
293.4
293.2
293.0
292.8
292.6
292.4
292.2
T_cav (K)
−1
0
1
2
3
Time (min)


T_sh vs Time
294.0
293.8
293.6
293.4
293.2
293.0
292.8
T_sh (K)
−1
0
1
2
3
Time (min)

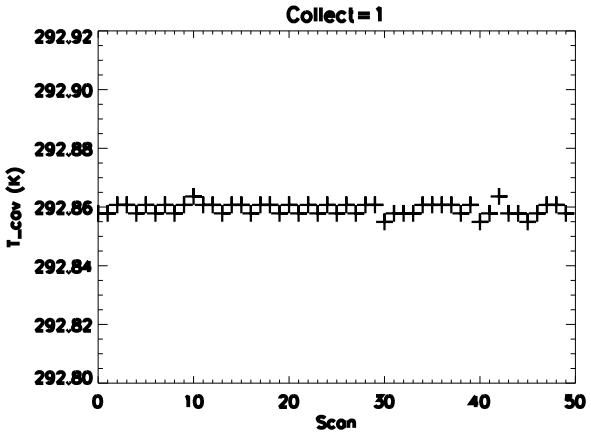

T_ham vs Time
293.8
293.6
293.4
293.2
293.0
292.8
292.6
T_ham (K)
−1
0
1
2
3
Time (min)


T_obc vs Time
306.6
306.4
306.2
306.0
305.8
305.6
305.4
T_obc (K)
−1
0
1
2
3
Time (min)

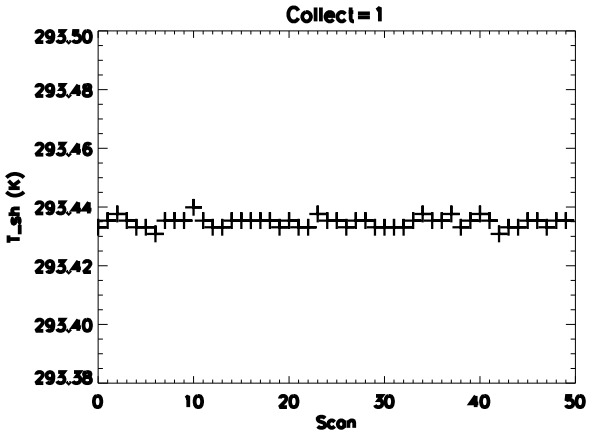
T_rta vs Scan


Collect = 1
288.68
288.66
288.64
288.62
288.60
288.58
288.56
288.54
T_rta (K)
0
10
20
30
40
50
Scan

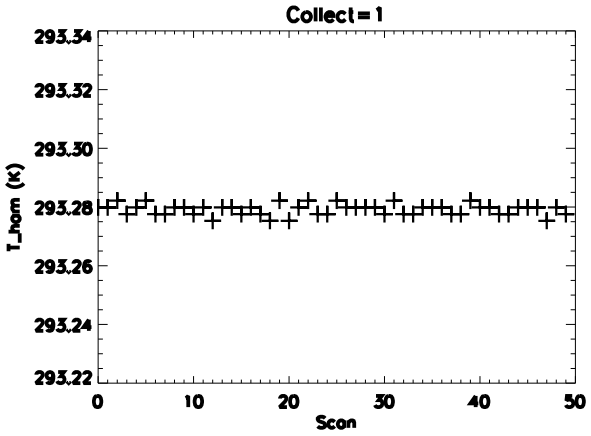
T_cav vs Scan


Collect = 1
292.92
292.90
292.88
292.86
292.84
292.82
292.80
T_cav (K)
0
10
20
30
40
50
Scan

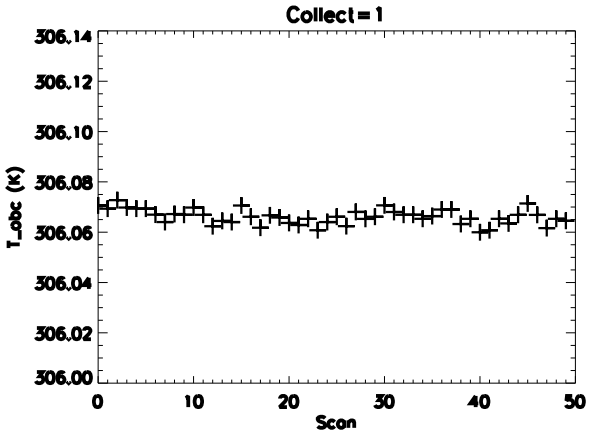
T_sh vs Scan


Collect = 1
293.50
293.48
293.46
293.44
293.42
293.40
293.38
T_sh (K)
0
10
20
30
40
50
Scan

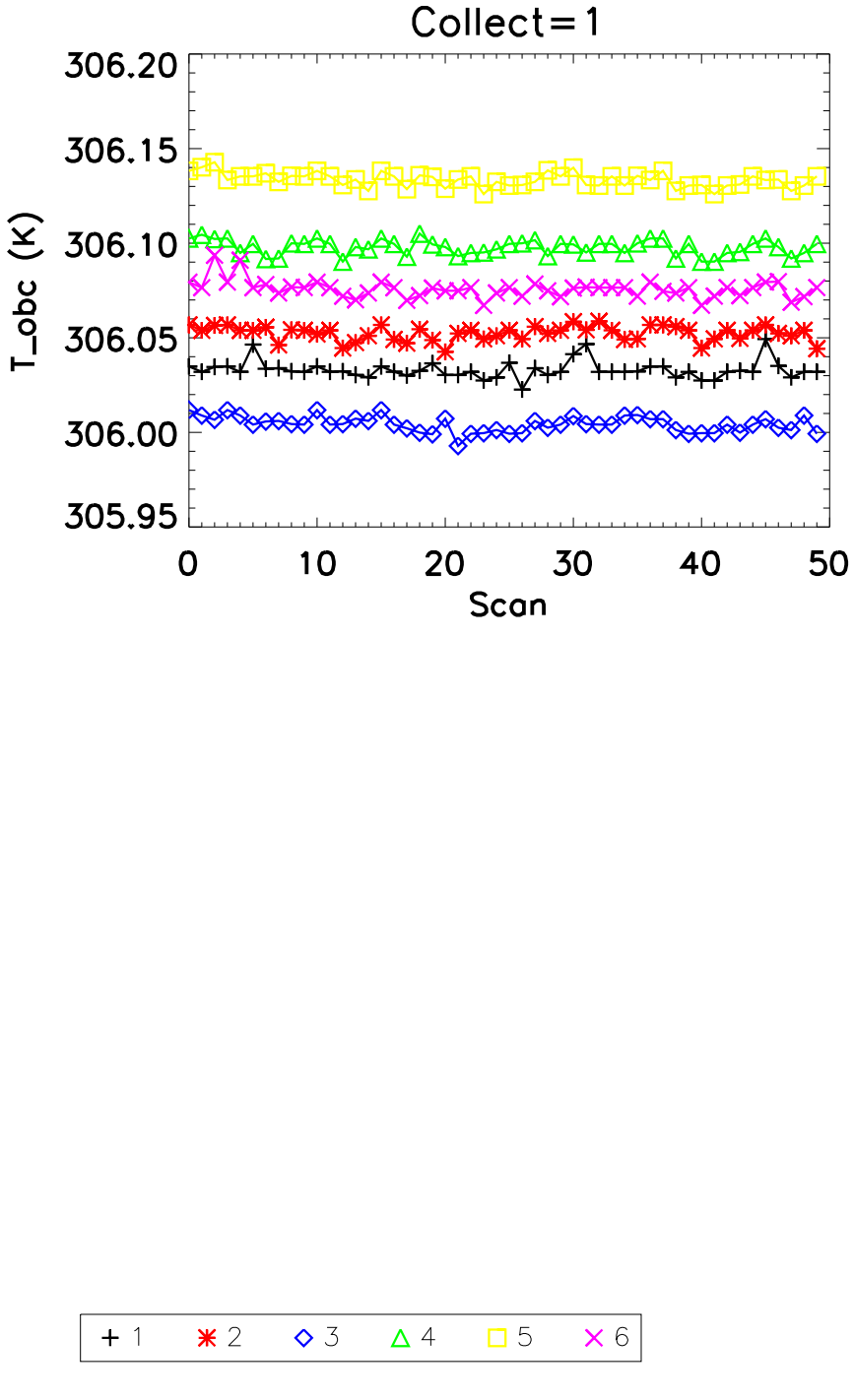
T_ham vs Scan

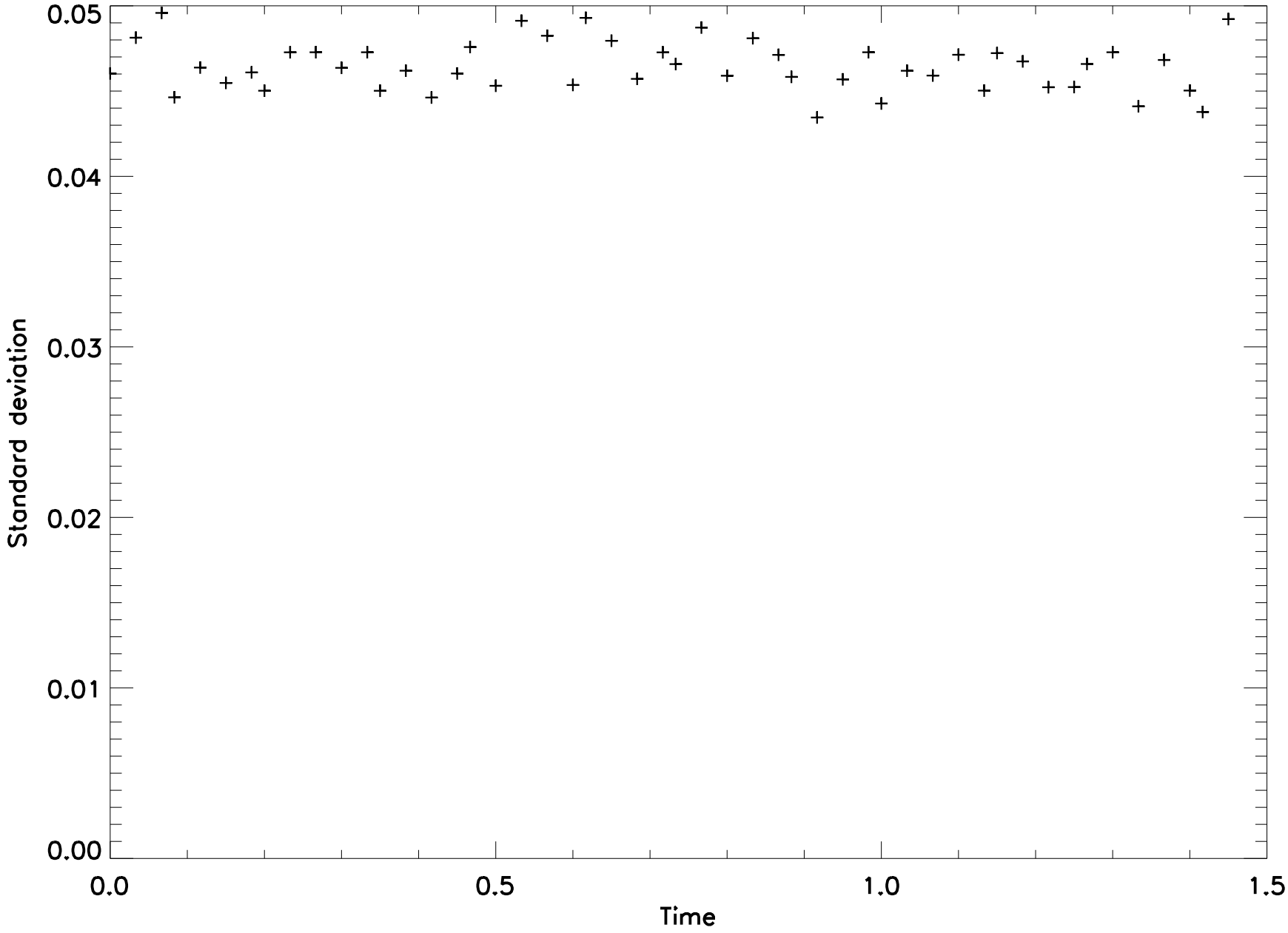

Collect = 1
293.34
293.32
293.30
293.28
293.26
293.24
293.22
T_ham (K)
0
10
20
30
40
50
Scan

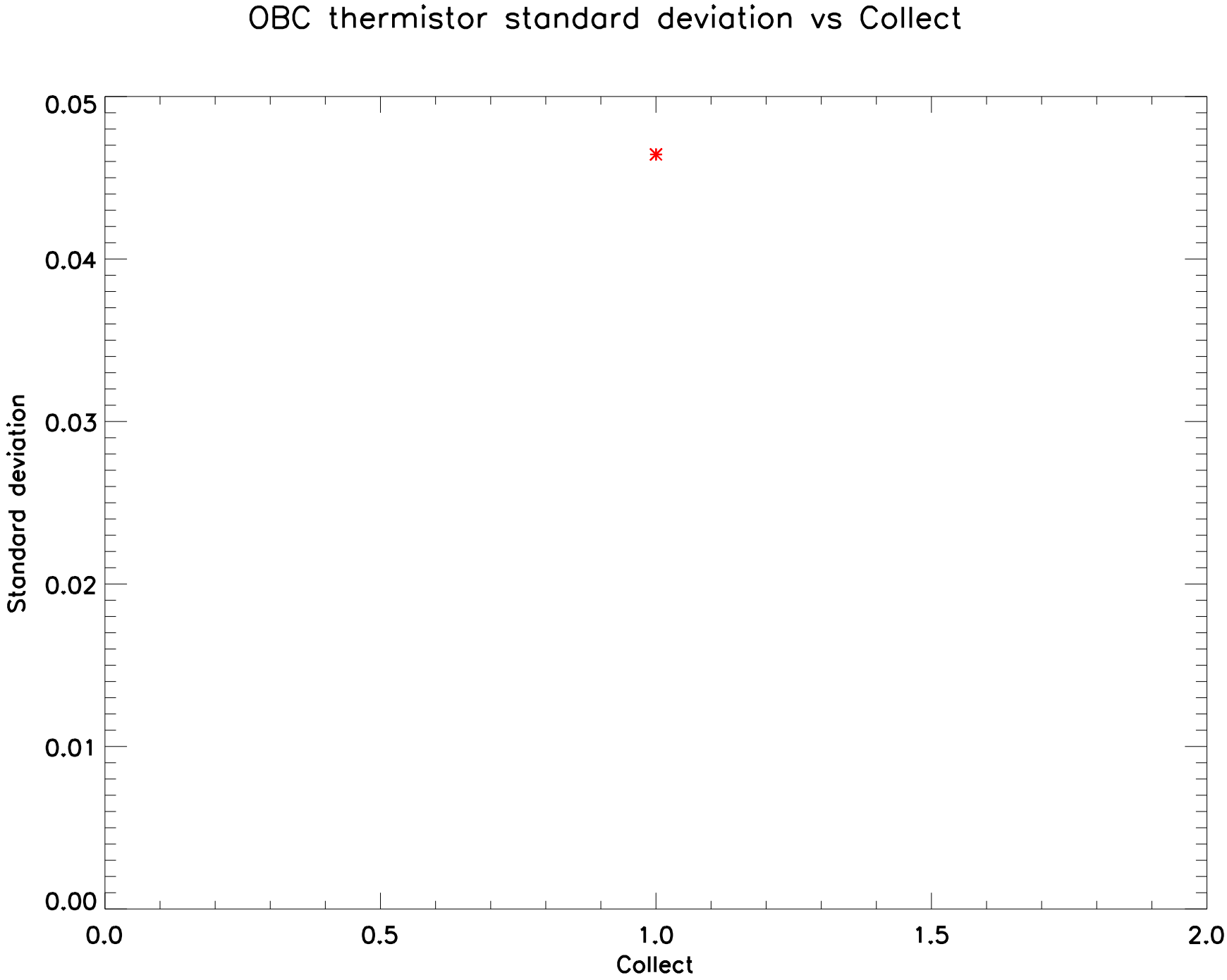
T_obc vs Scan

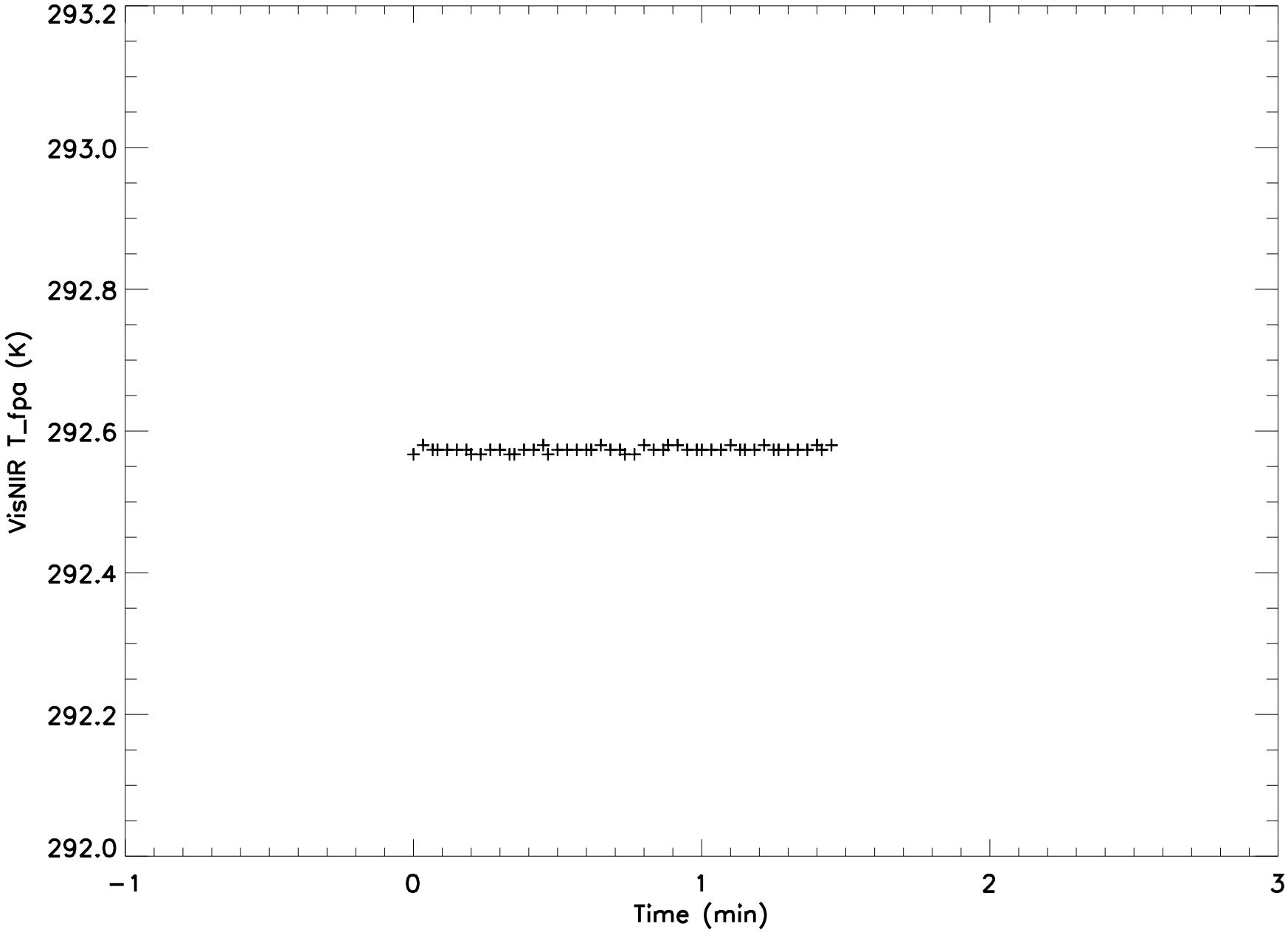

Collect = 1
306.14
306.12
306.10
306.08
306.06
306.04
306.02
306.00
T_obc (K)
0
10
20
30
40
50
Scan

T_OBC per thermistors vs Scan

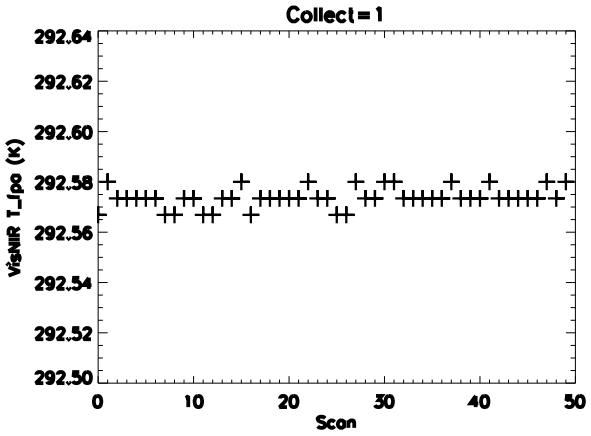


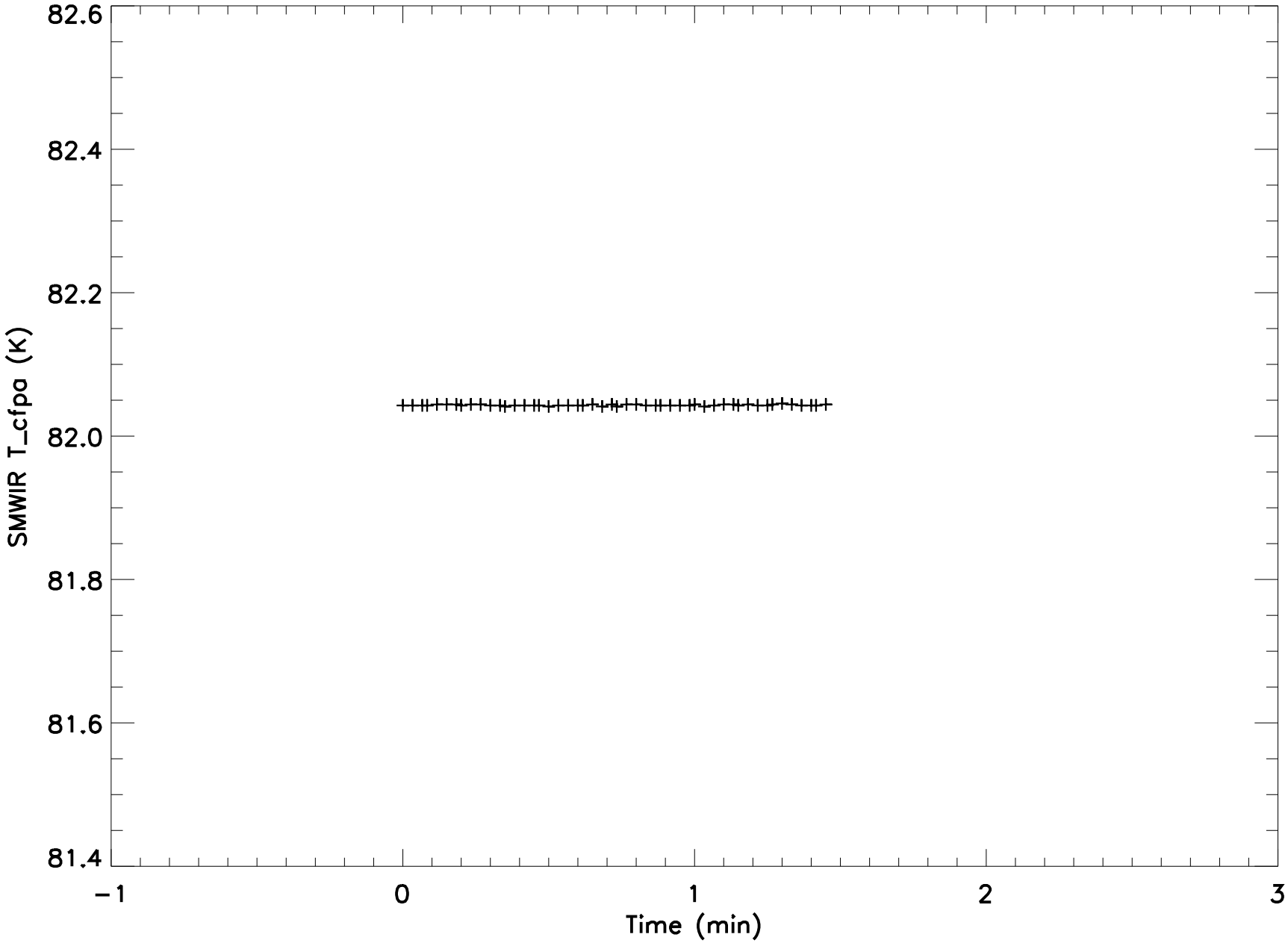

OBC thermistor standard deviation vs Time
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
Time


OBC thermistor standard deviation vs Collect
Standard deviation
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
Collect

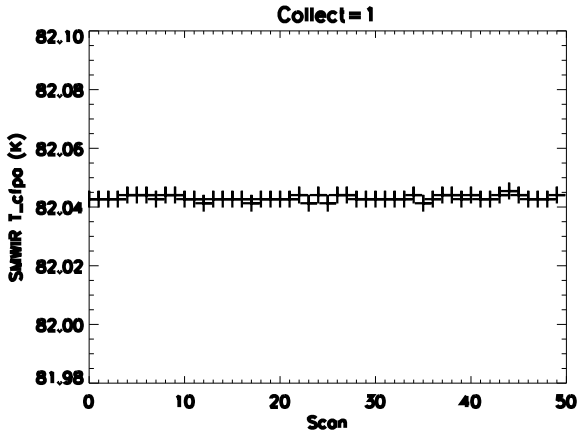

VisNIR T_fpa vs Time
293.2
293.0
292.8
292.6
292.4
292.2
292.0
VisNIR T_fpa (K)
−1
0
1
2
3
Time (min)

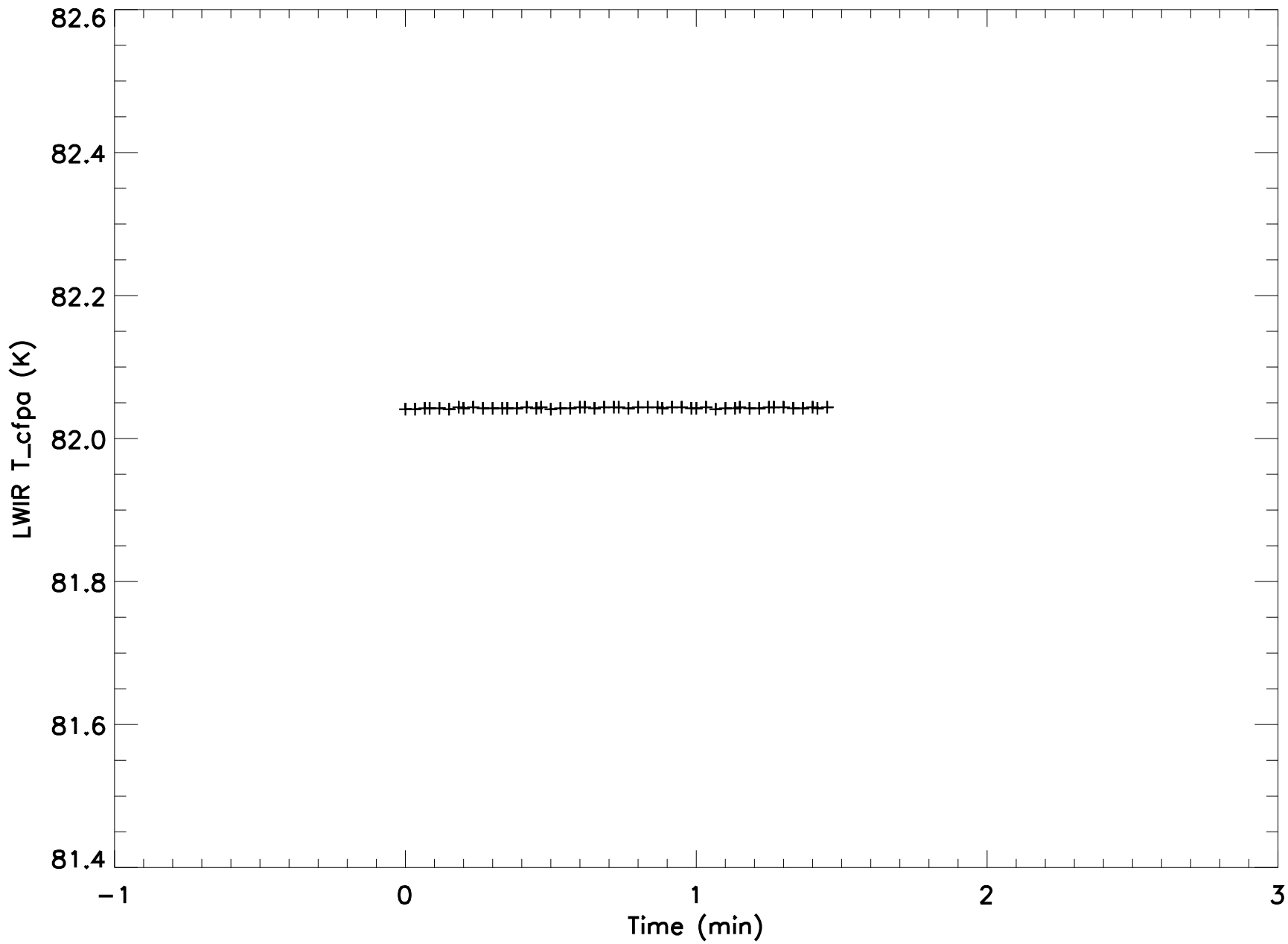
VisNIR T_fpa vs Scan



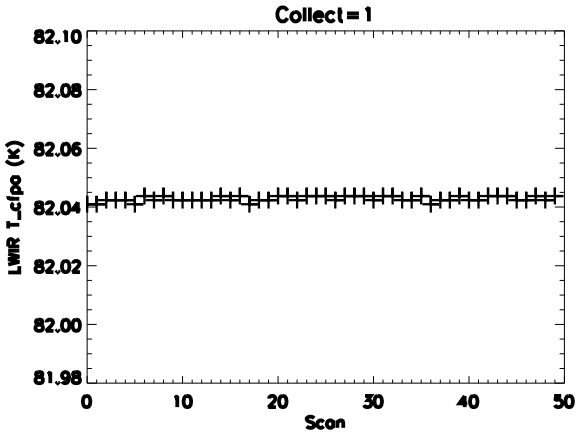

SMWIR T_cfpa vs Time
82.6
82.4
82.2
82.0
81.8
81.6
81.4
SMWIR T_cfpa (K)
−1
0
1
2
3
Time (min)

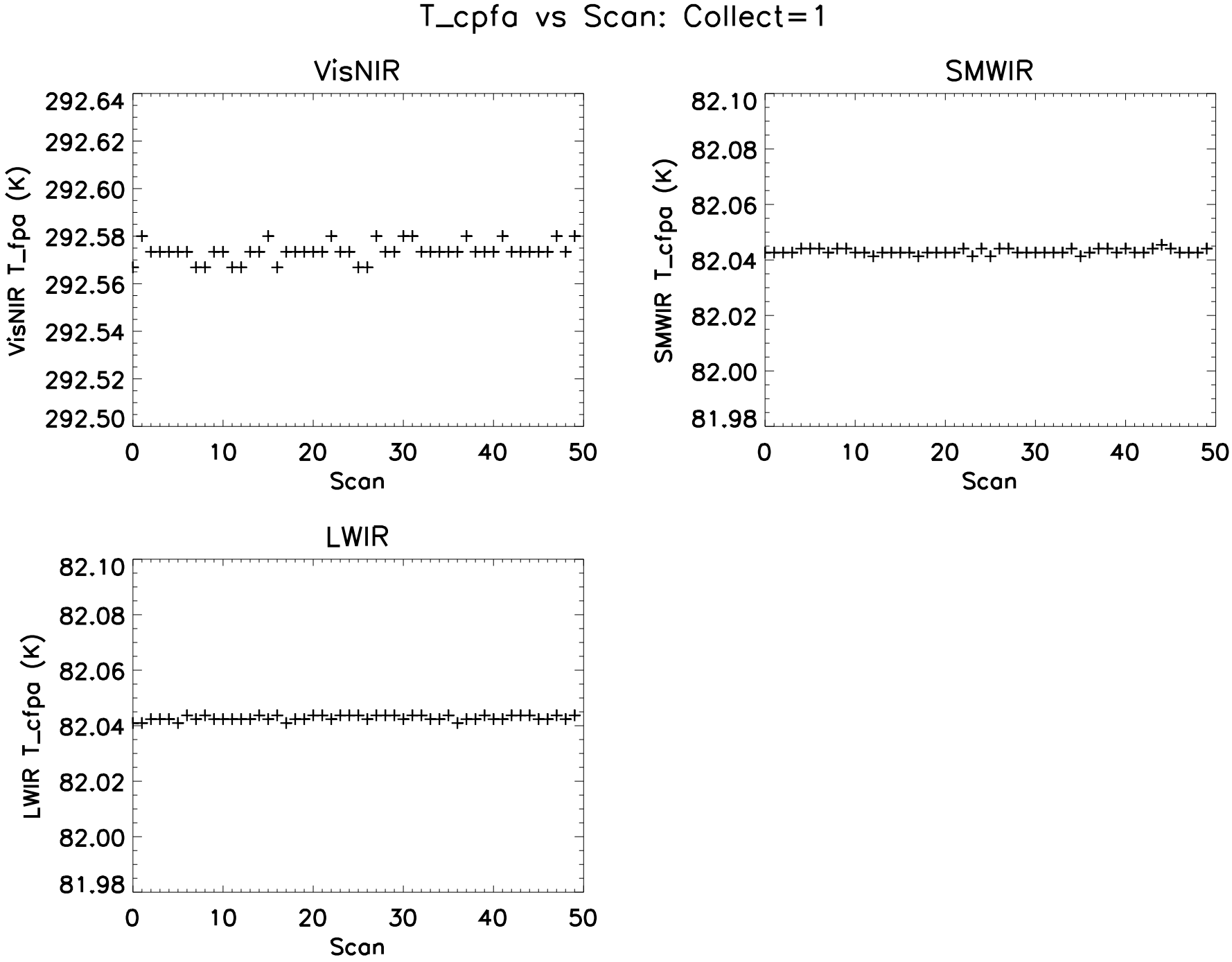
SMWIR T_cfpa vs Scan

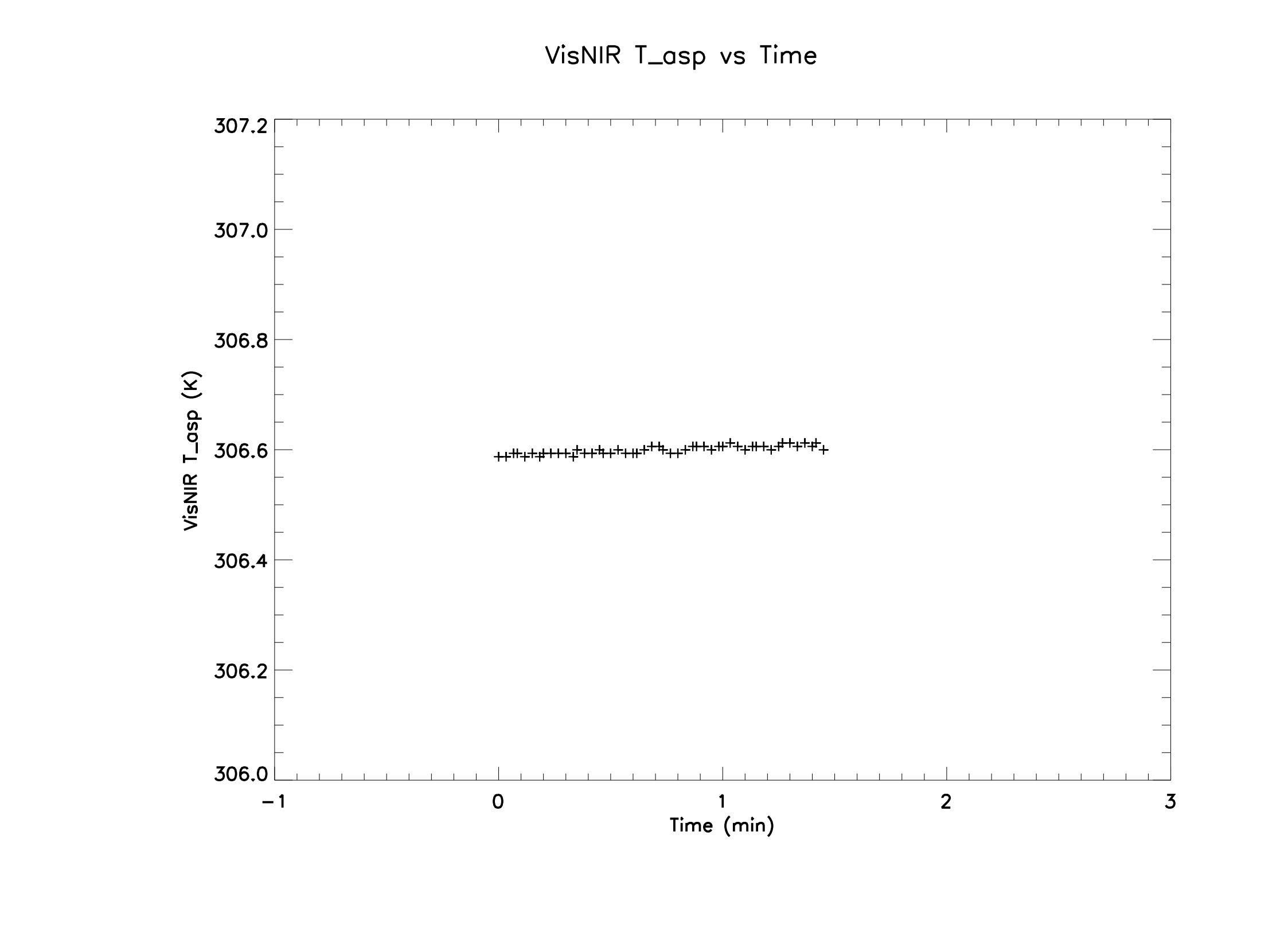



LWIR T_cfpa vs Time
82.6
82.4
82.2
82.0
81.8
81.6
81.4
LWIR T_cfpa (K)
−1
0
1
2
3
Time (min)

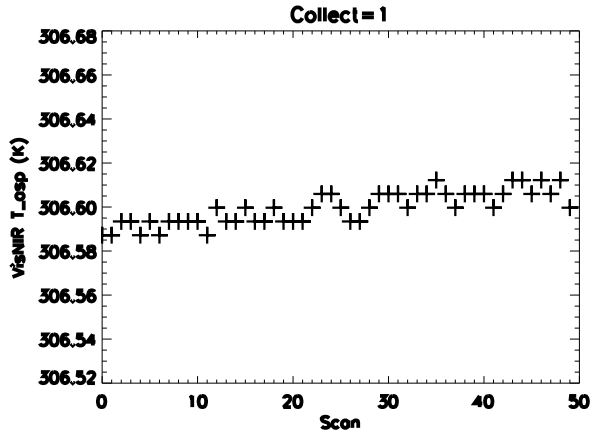
LWIR T_cfpa vs Scan

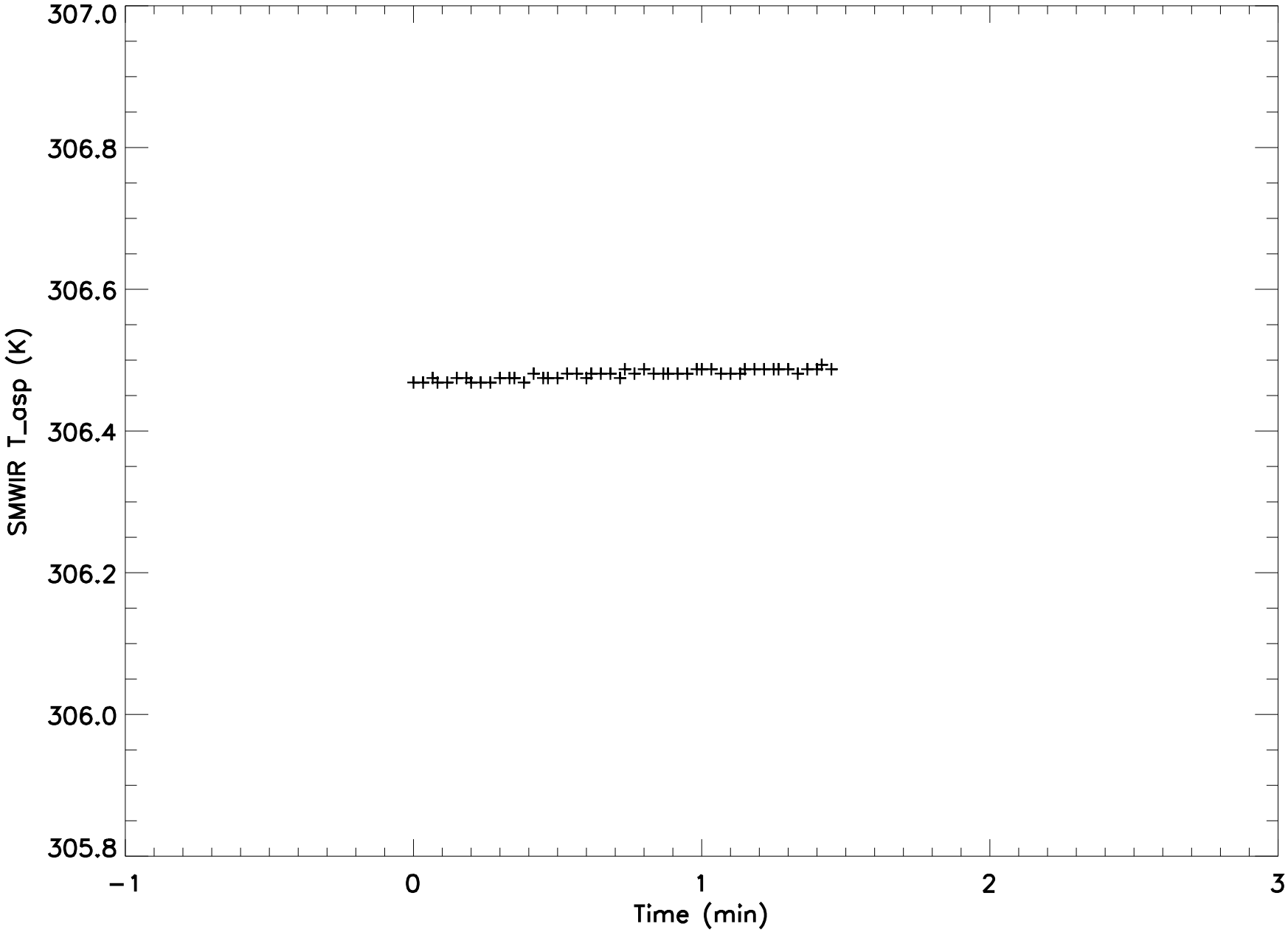



T_cpfa vs Scan: Collect=1
VisNIR
VisNIR T_fpa (K)
292.64
292.62
292.60
292.58
292.56
292.54
292.52
292.50
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan
LWIR
LWIR T_cfpa (K)
82.10
82.08
82.06
82.04
82.02
82.00
81.98
0
10
20
30
40
50
Scan

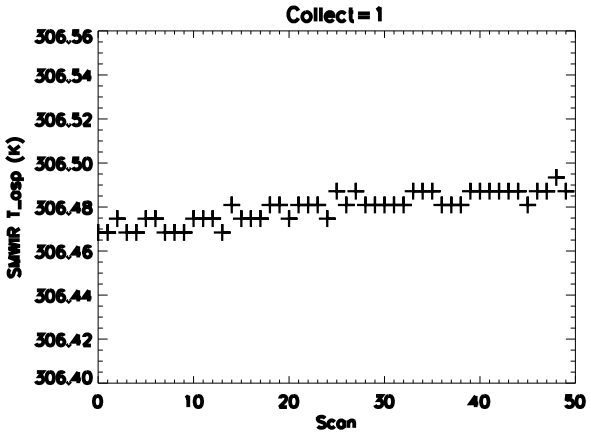

VisNIR T_asp vs Time
307.2
307.0
306.8
306.6
306.4
306.2
306.0
VisNIR T_asp (K)
−1
0
1
2
3
Time (min)

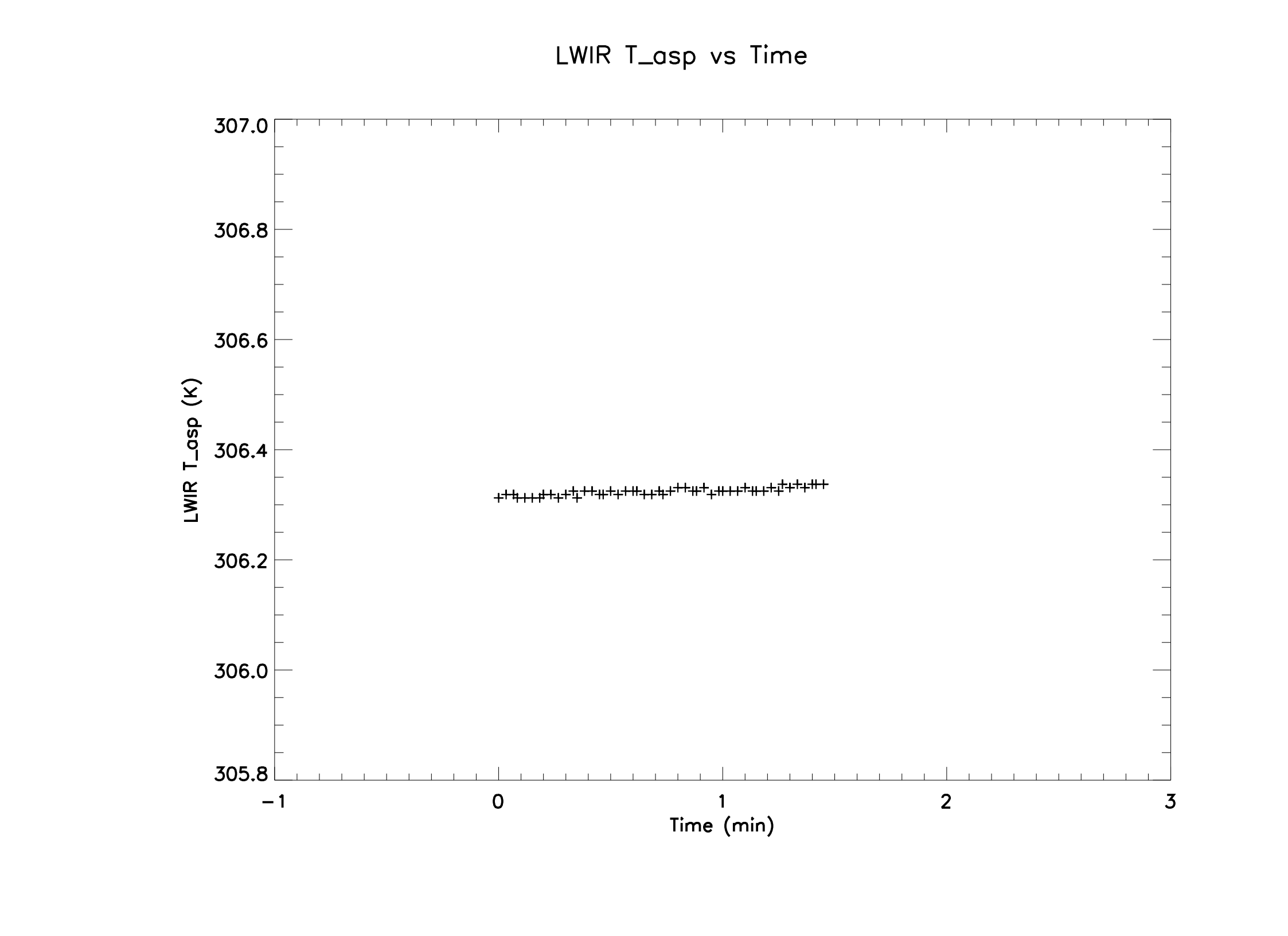
VisNIR T_asp vs Scan



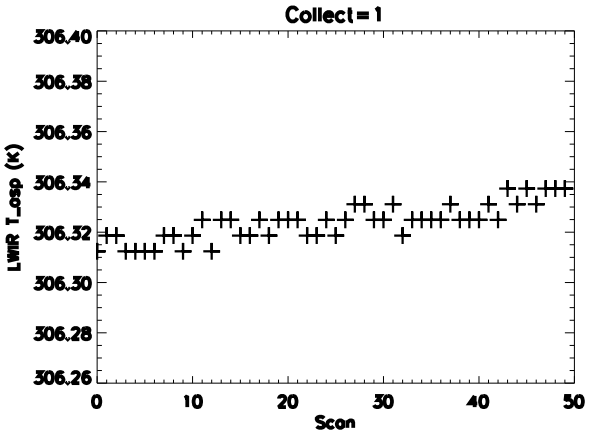

SMWIR T_asp vs Time
307.0
306.8
306.6
306.4
306.2
306.0
305.8
SMWIR T_asp (K)
−1
0
1
2
3
Time (min)

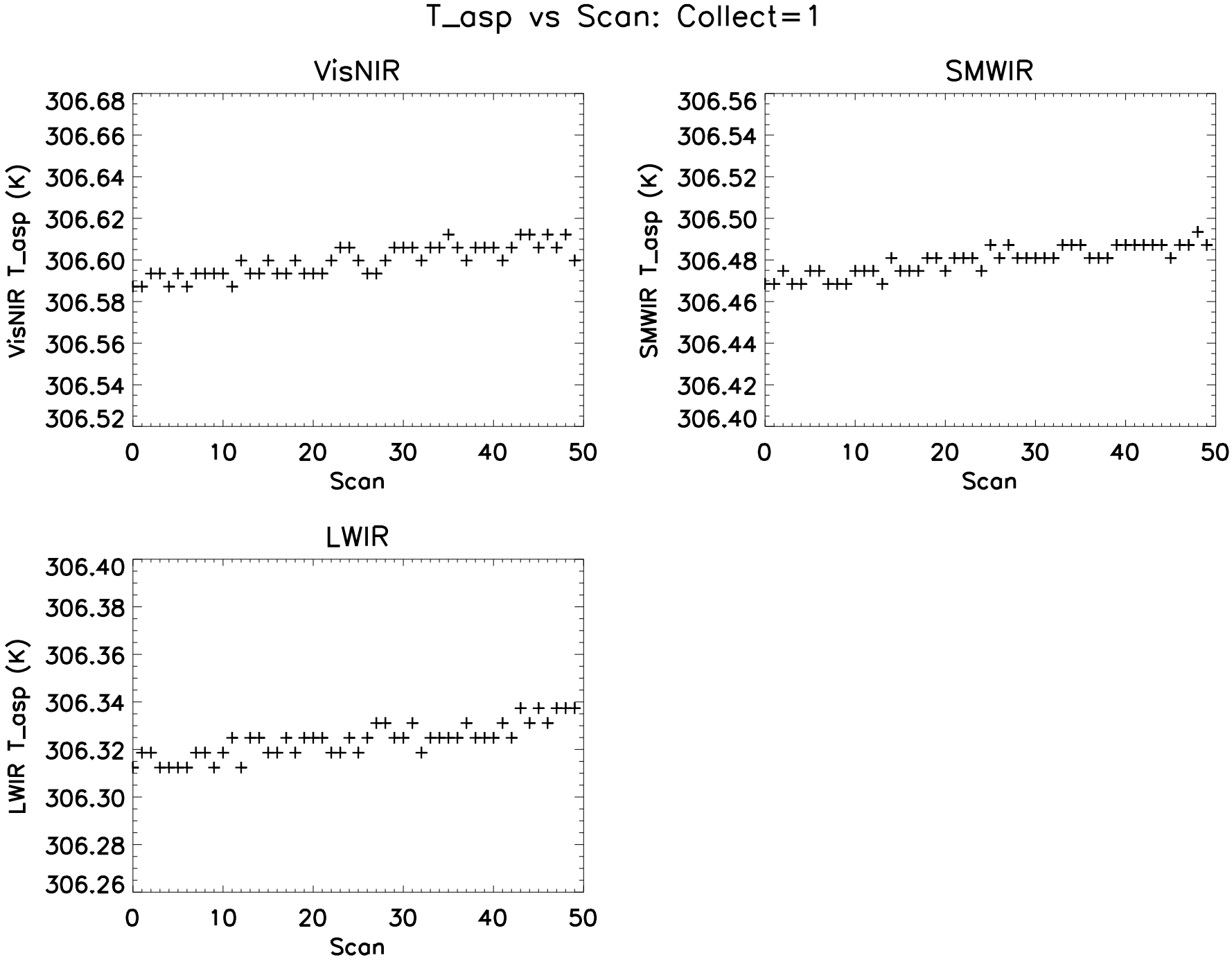
SMWIR T_asp vs Scan

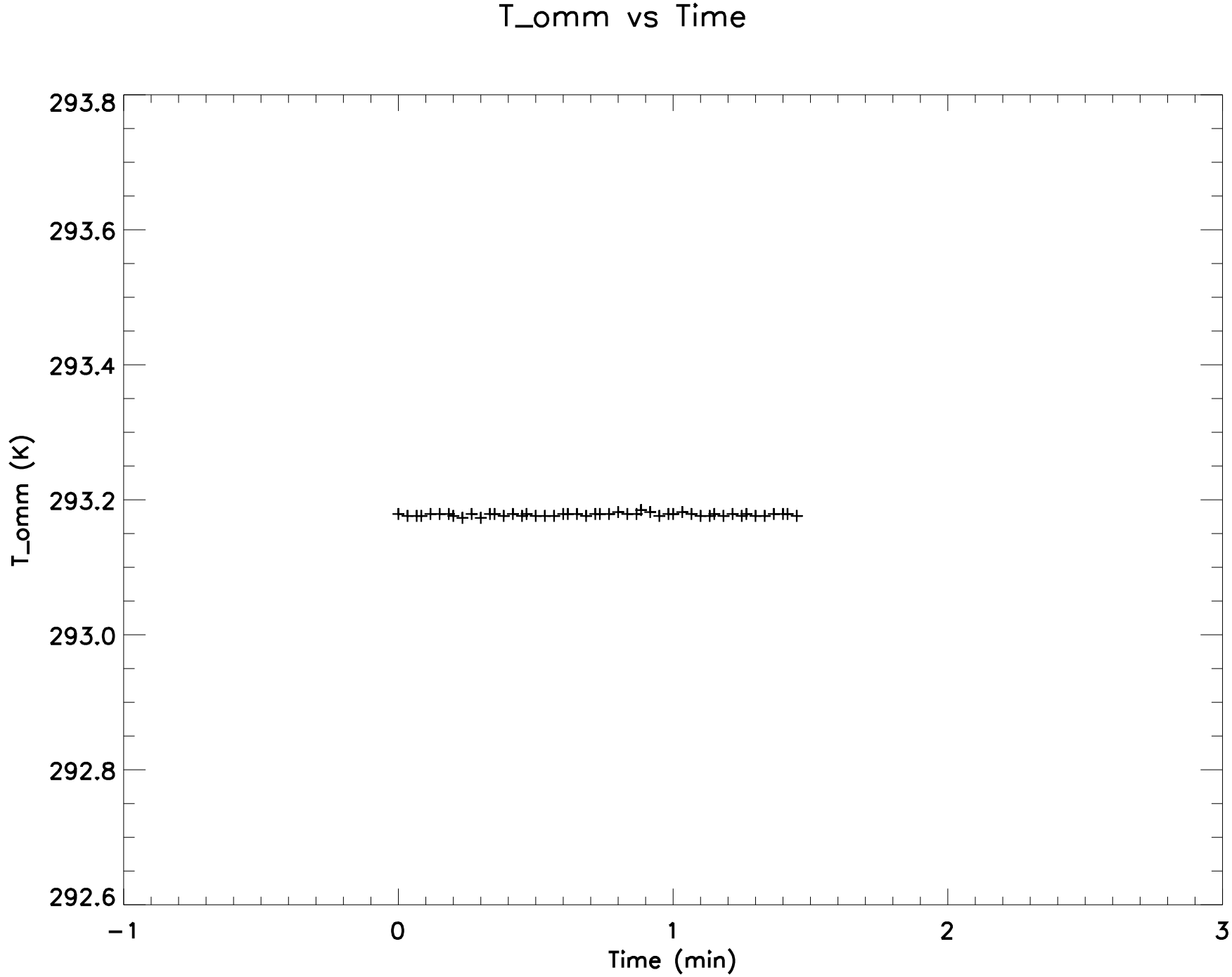



LWIR T_asp vs Time
307.0
306.8
306.6
306.4
306.2
306.0
305.8
LWIR T_asp (K)
−1
0
1
2
3
Time (min)

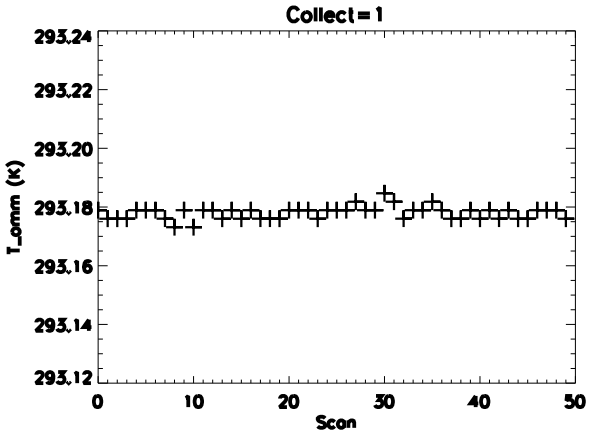
LWIR T_asp vs Scan




T_asp vs Scan: Collect=1
VisNIR
VisNIR T_asp (K)
306.68
306.66
306.64
306.62
306.60
306.58
306.56
306.54
306.52
0
10
20
30
40
50
Scan
SMWIR
SMWIR T_asp (K)
306.56
306.54
306.52
306.50
306.48
306.46
306.44
306.42
306.40
0
10
20
30
40
50
Scan
LWIR
LWIR T_asp (K)
306.40
306.38
306.36
306.34
306.32
306.30
306.28
306.26
0
10
20
30
40
50
Scan


T_omm vs Time
293.8
293.6
293.4
293.2
293.0
292.8
292.6
T_omm (K)
−1
0
1
2
3
Time (min)

T_omm vs Scan


Collect = 1
293.24
293.22
293.20
293.18
293.16
293.14
293.12
T_omm (K)
0
10
20
30
40
50
Scan