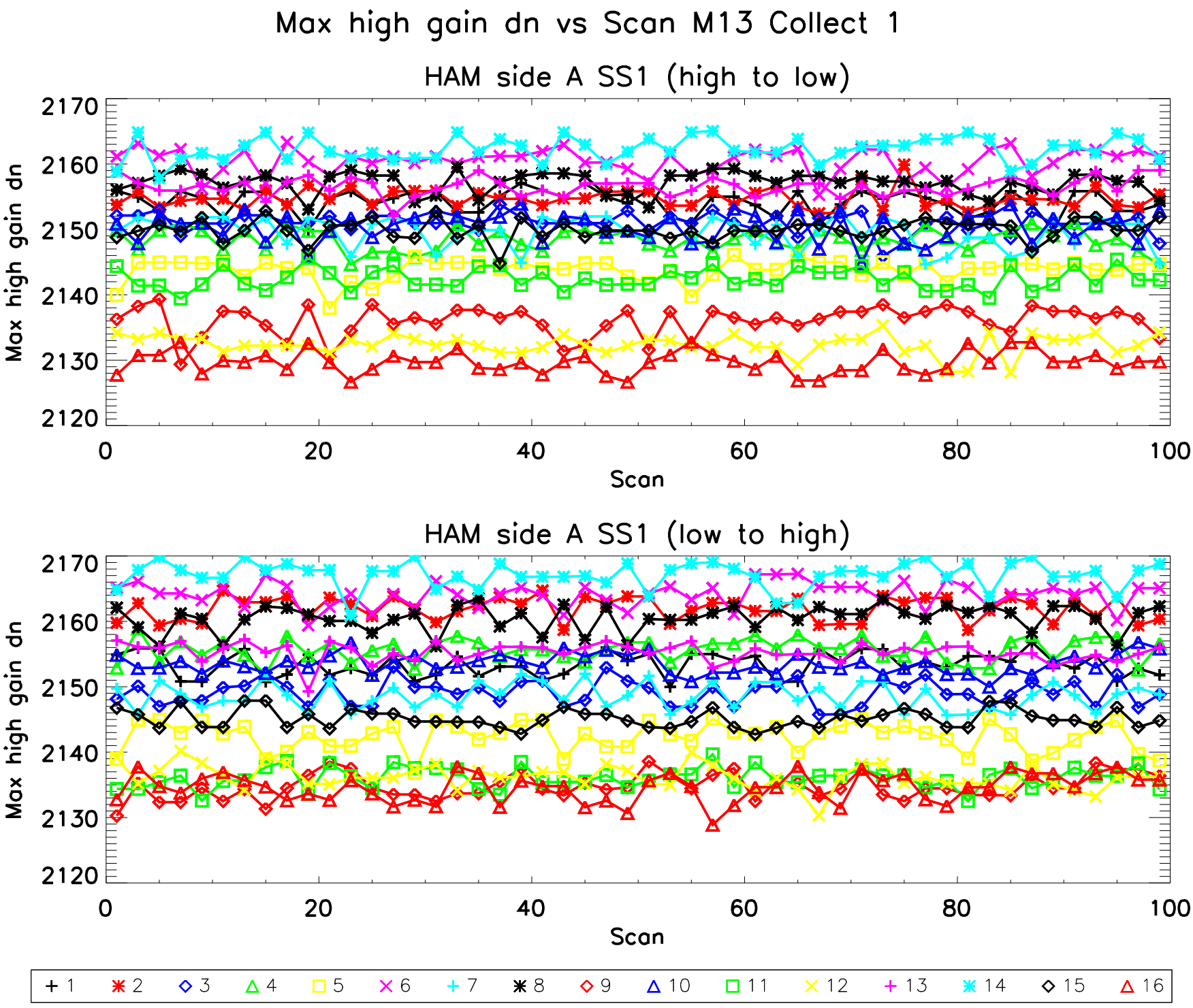
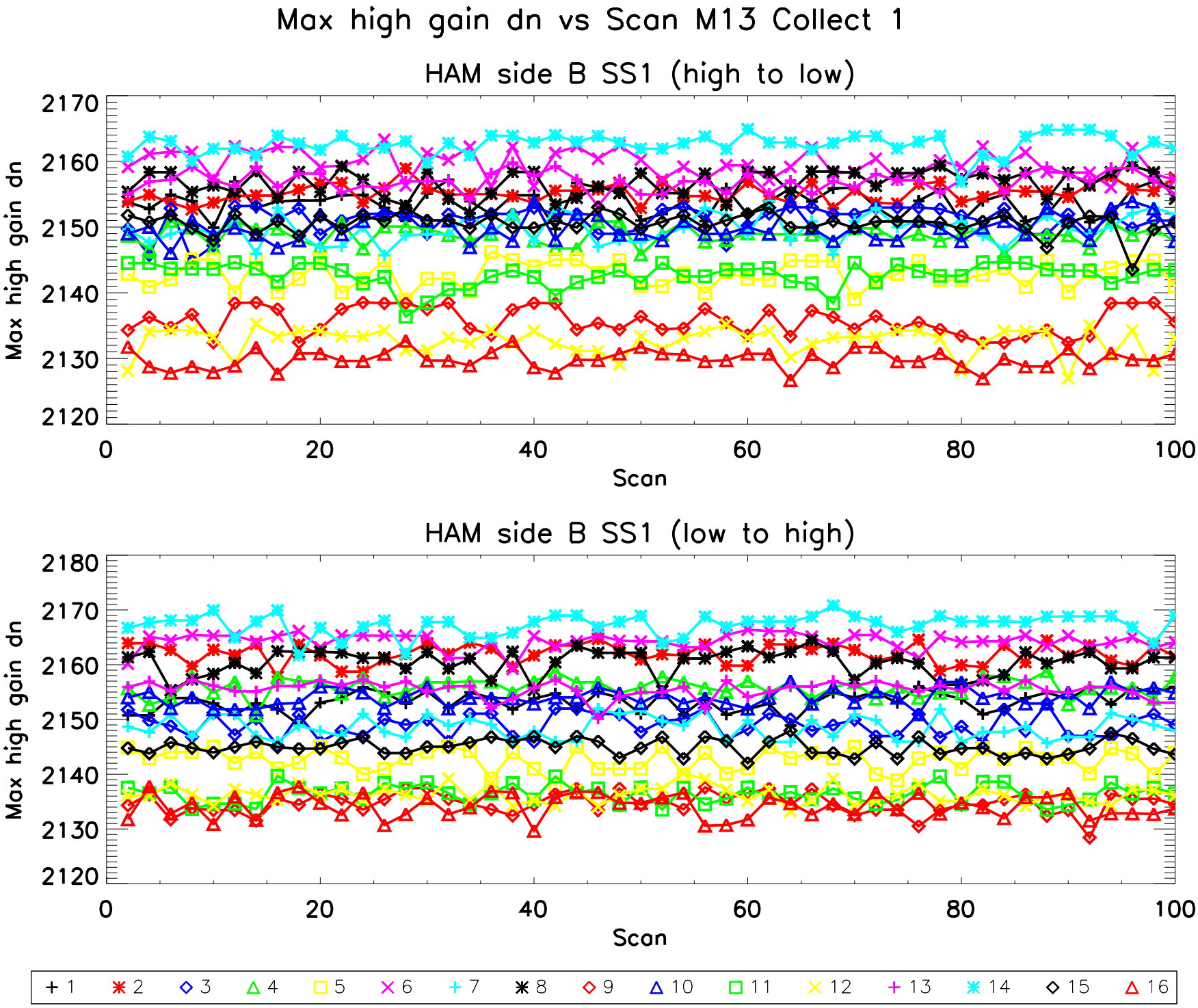
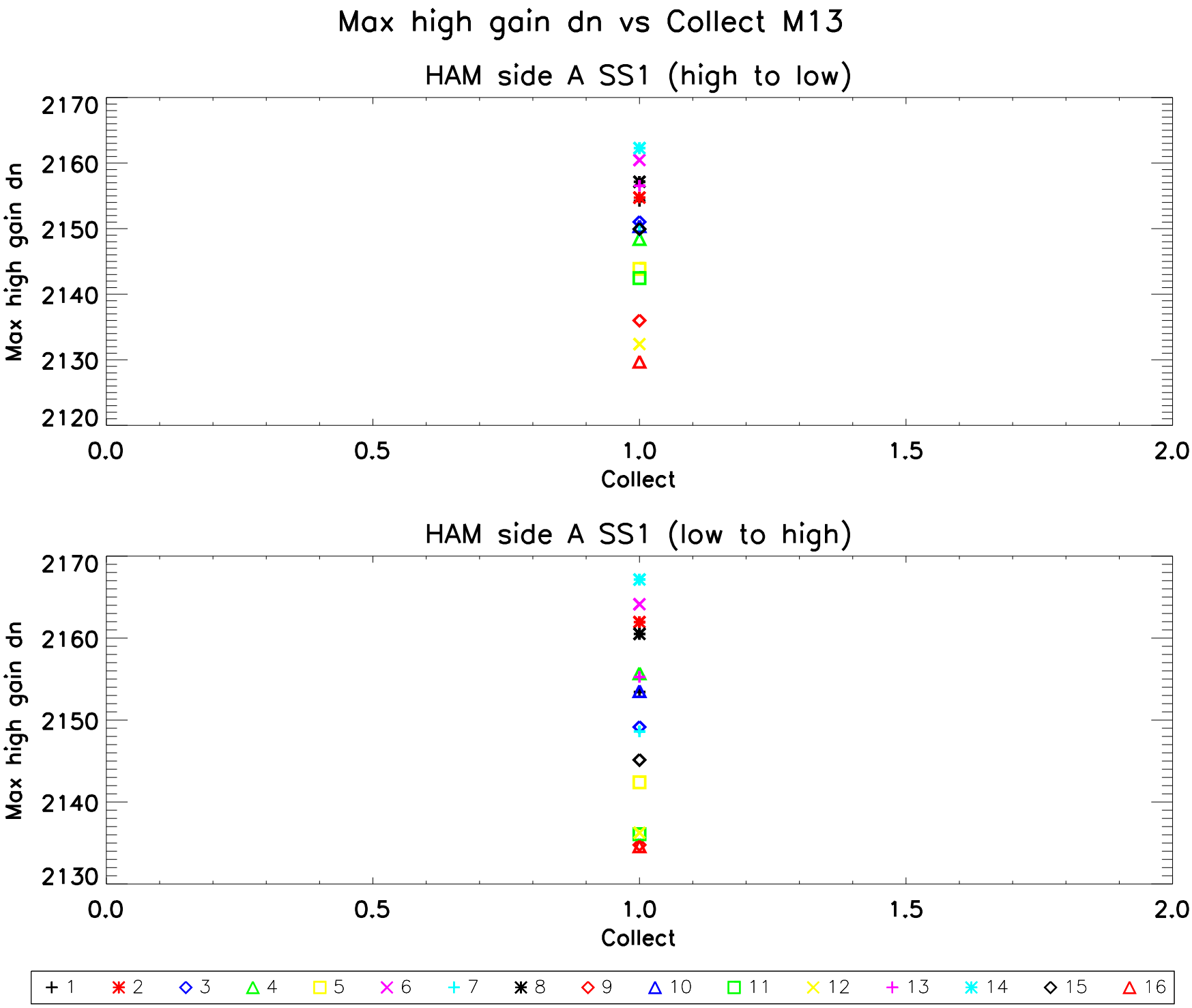
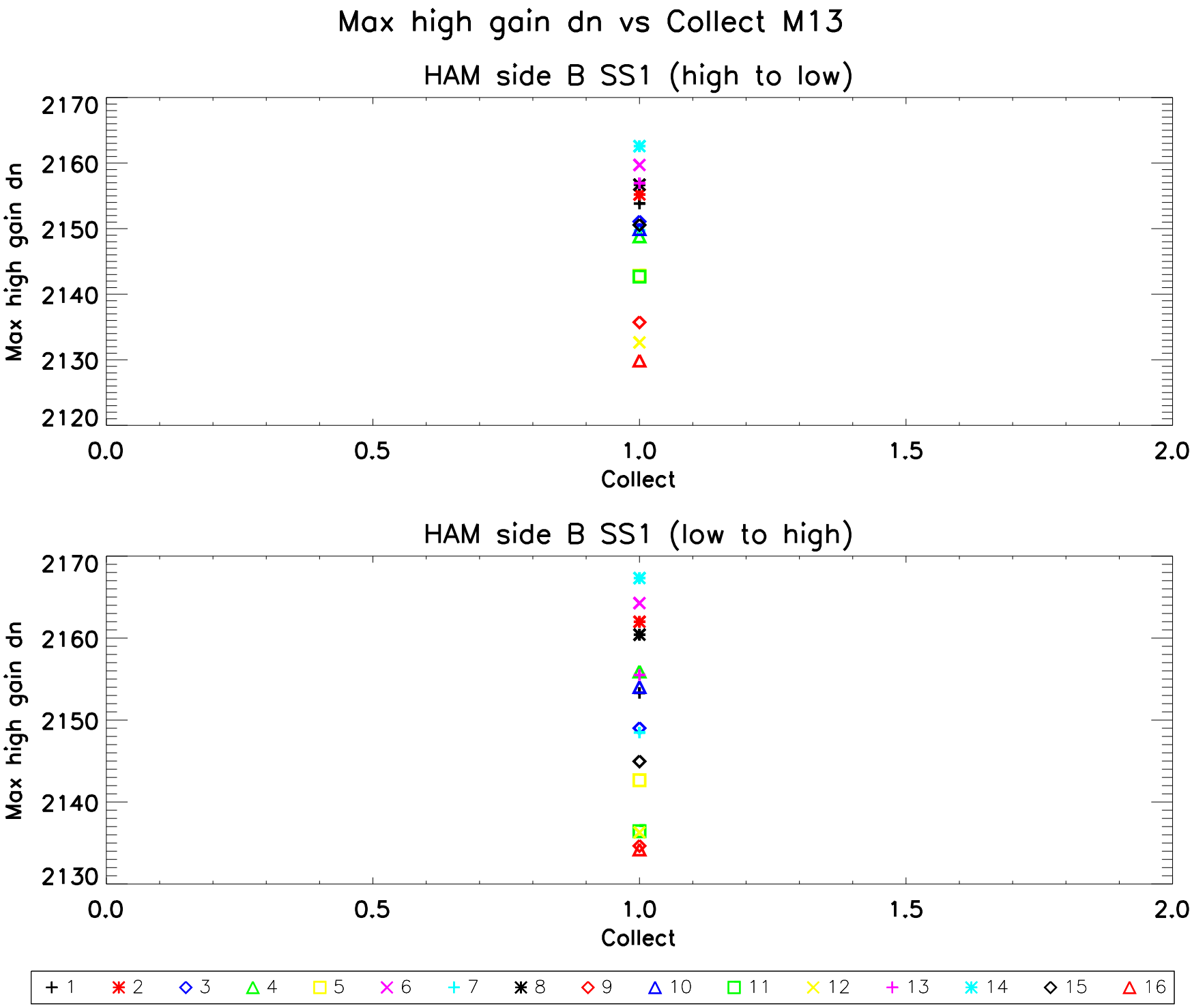
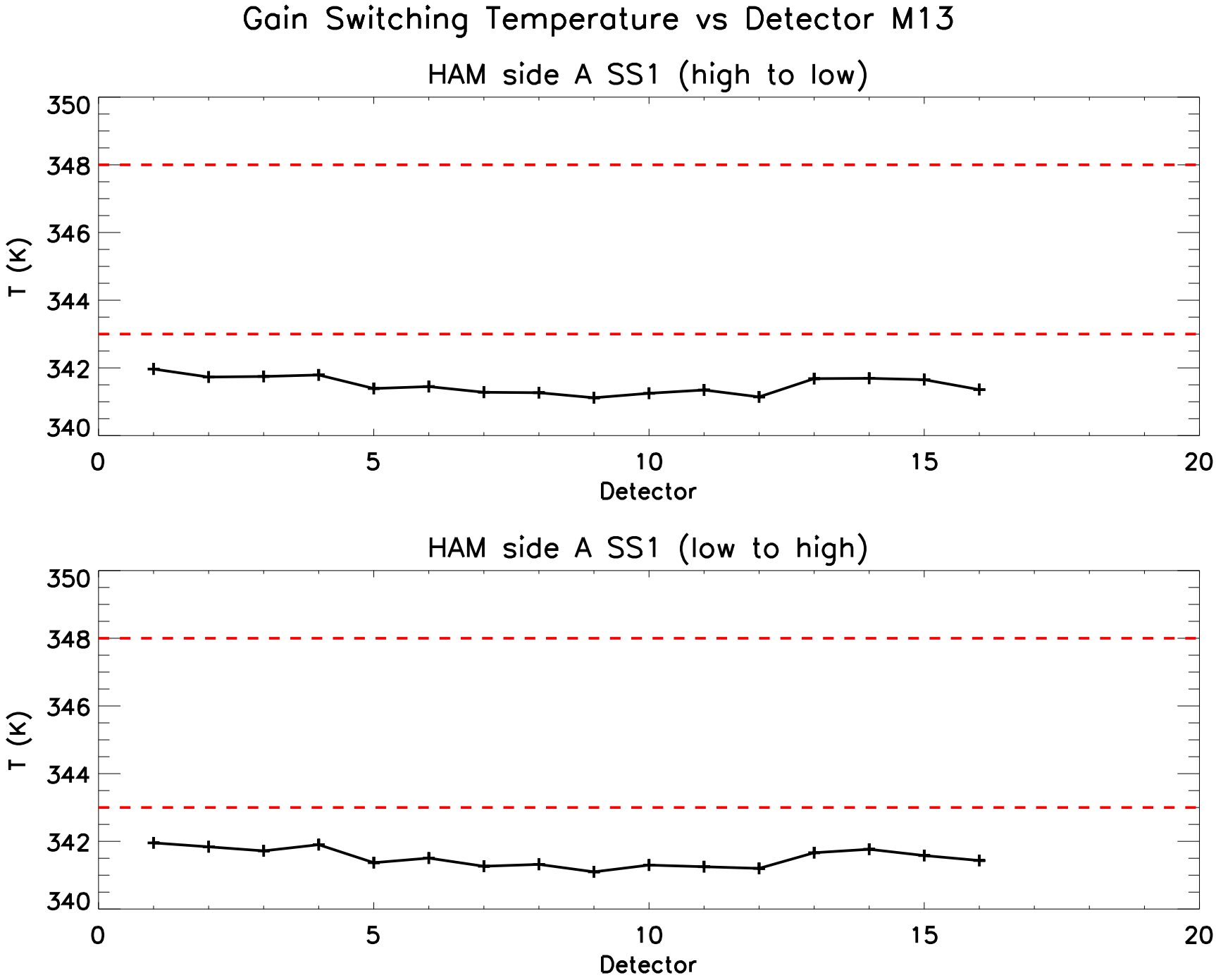
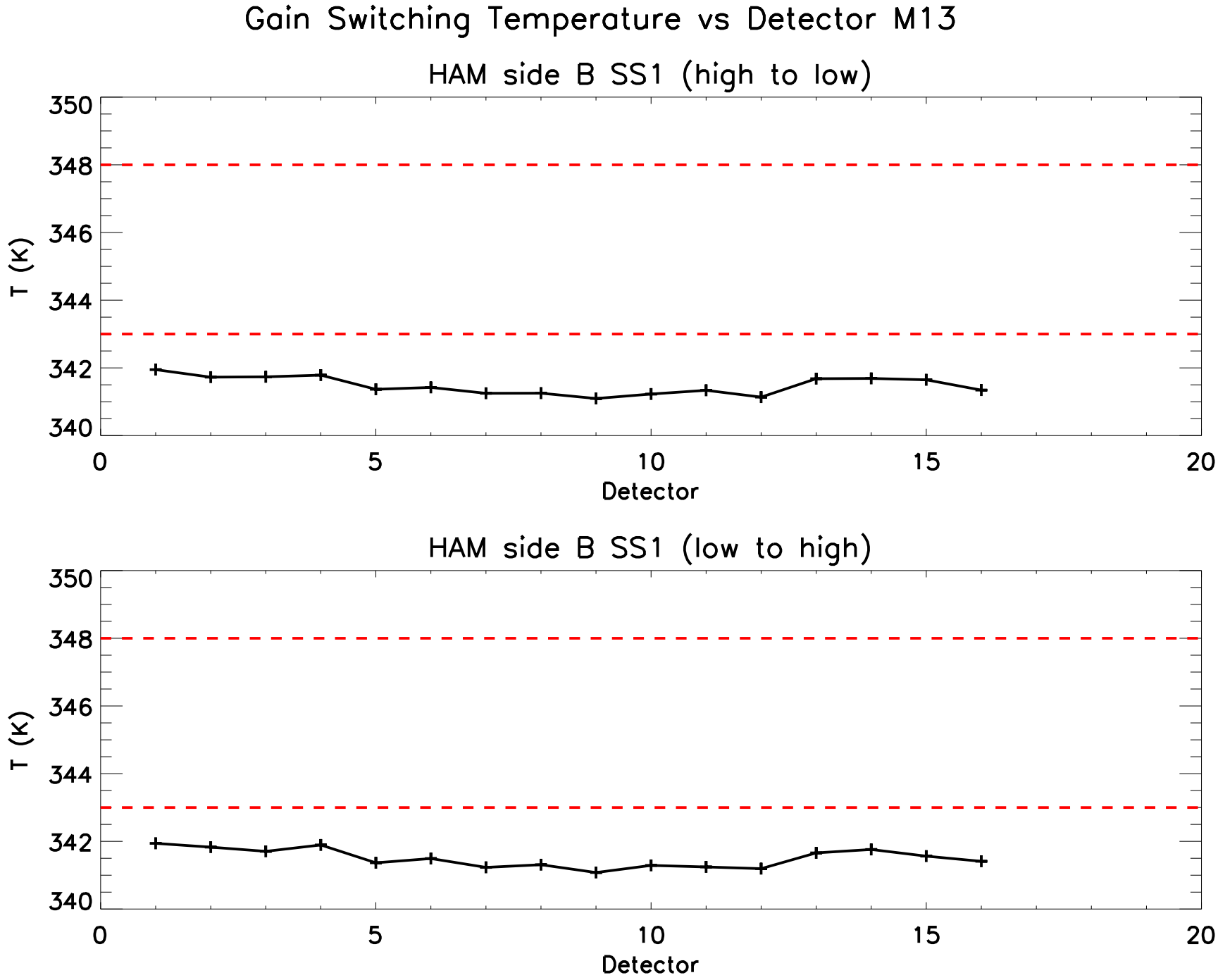

Max high gain dn vs Scan M13 Collect 1
HAM side A SS1 (high to low)
Max high gain dn
2170
2160
2150
2140
2130
2120
0
20
40
60
80
100
Scan
HAM side A SS1 (low to high)
Max high gain dn
2170
2160
2150
2140
2130
2120
0
20
40
60
80
100
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain dn vs Scan M13 Collect 1
HAM side B SS1 (high to low)
Max high gain dn
2170
2160
2150
2140
2130
2120
0
20
40
60
80
100
Scan
HAM side B SS1 (low to high)
Max high gain dn
2180
2170
2160
2150
2140
2130
2120
0
20
40
60
80
100
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

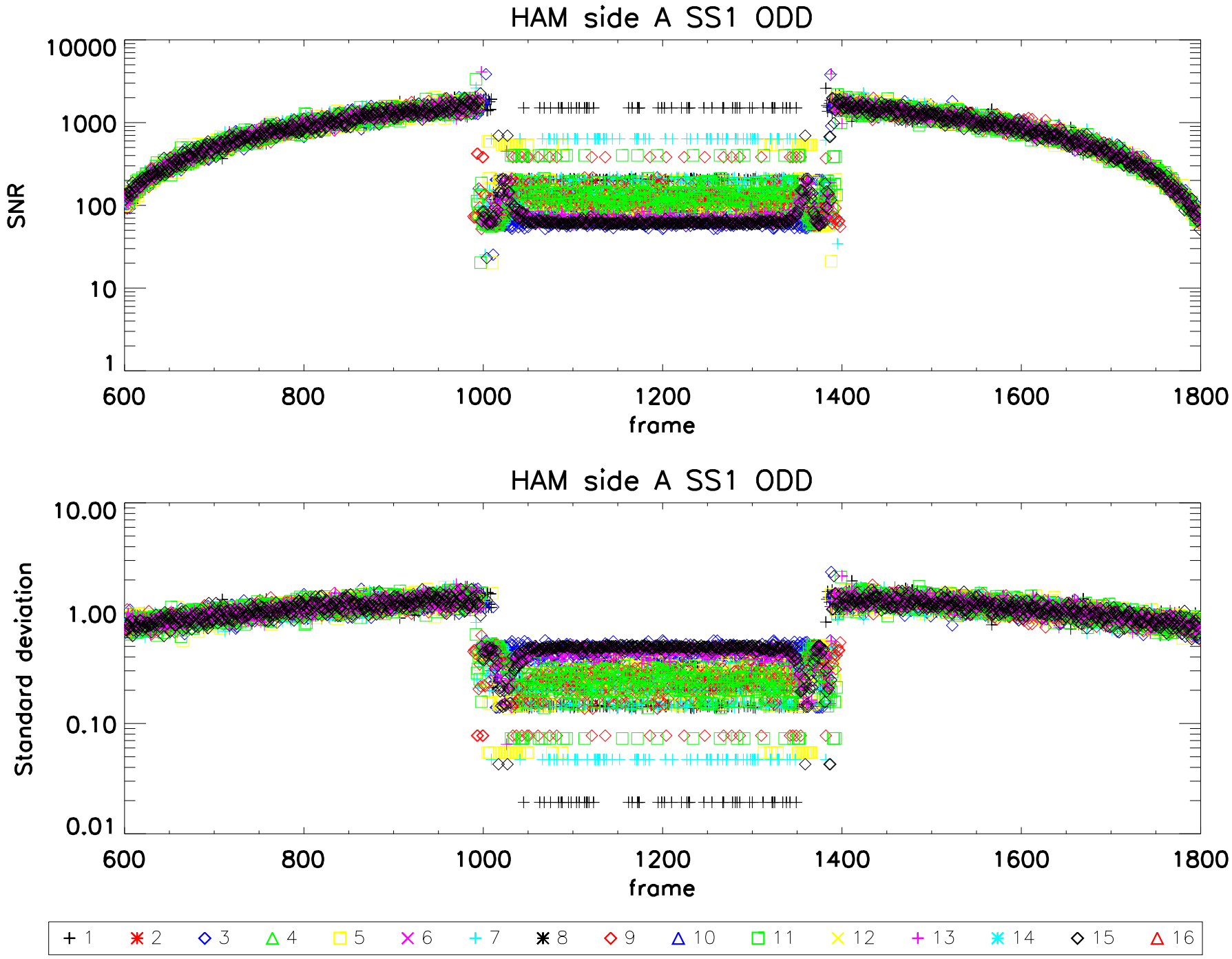

Max high gain dn vs Collect M13
HAM side A SS1 (high to low)
Max high gain dn
2170
2160
2150
2140
2130
2120
0.0
0.5
1.0
1.5
2.0
Collect
HAM side A SS1 (low to high)
Max high gain dn
2170
2160
2150
2140
2130
0.0
0.5
1.0
1.5
2.0
Collect
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

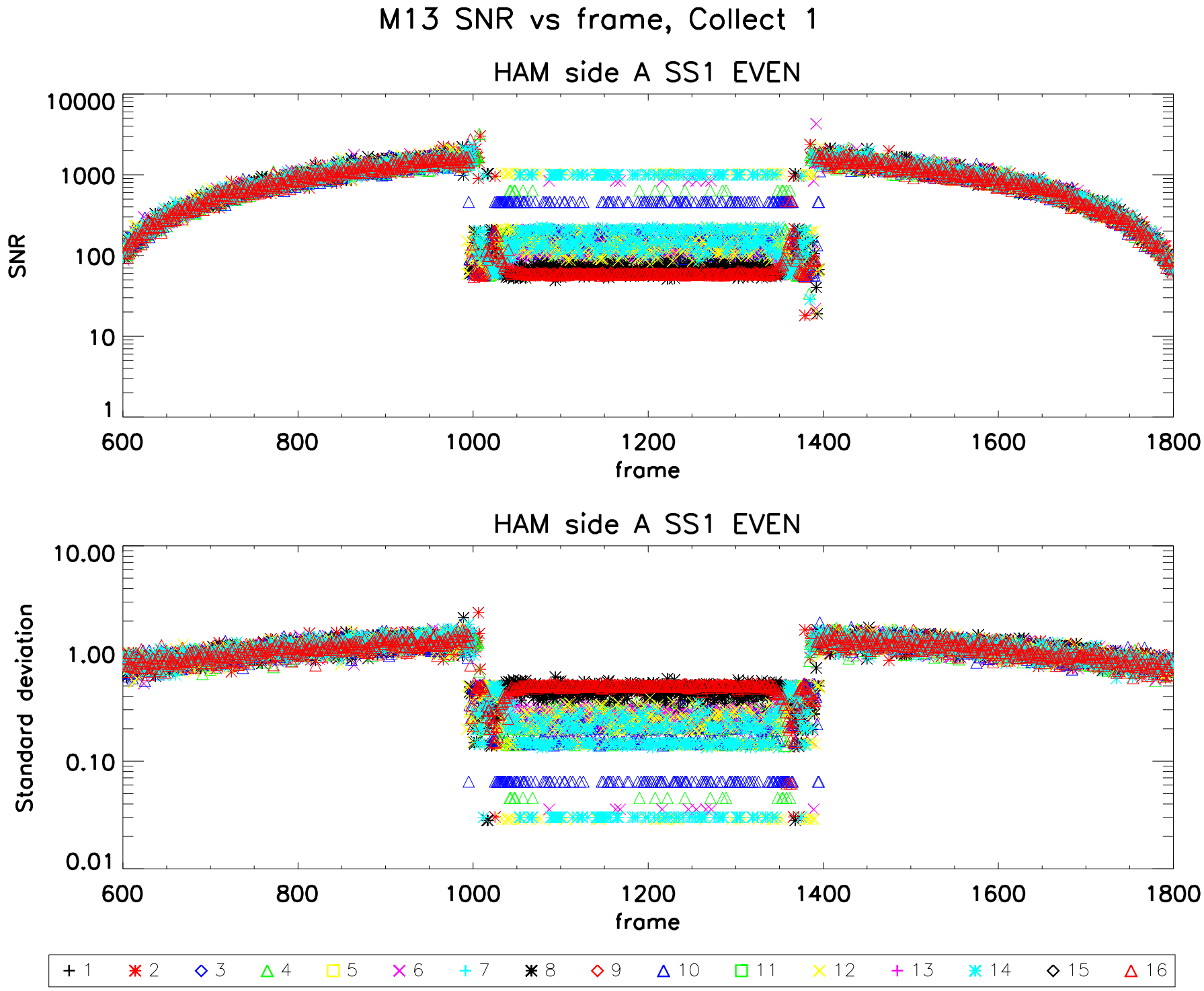

Max high gain dn vs Collect M13
HAM side B SS1 (high to low)
Max high gain dn
2170
2160
2150
2140
2130
2120
0.0
0.5
1.0
1.5
2.0
Collect
HAM side B SS1 (low to high)
Max high gain dn
2170
2160
2150
2140
2130
0.0
0.5
1.0
1.5
2.0
Collect
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Gain Switching Temperature vs Detector M13
HAM side A SS1 (high to low)
T (K)
350
348
346
344
342
340
0
5
10
15
20
Detector
HAM side A SS1 (low to high)
T (K)
350
348
346
344
342
340
0
5
10
15
20
Detector

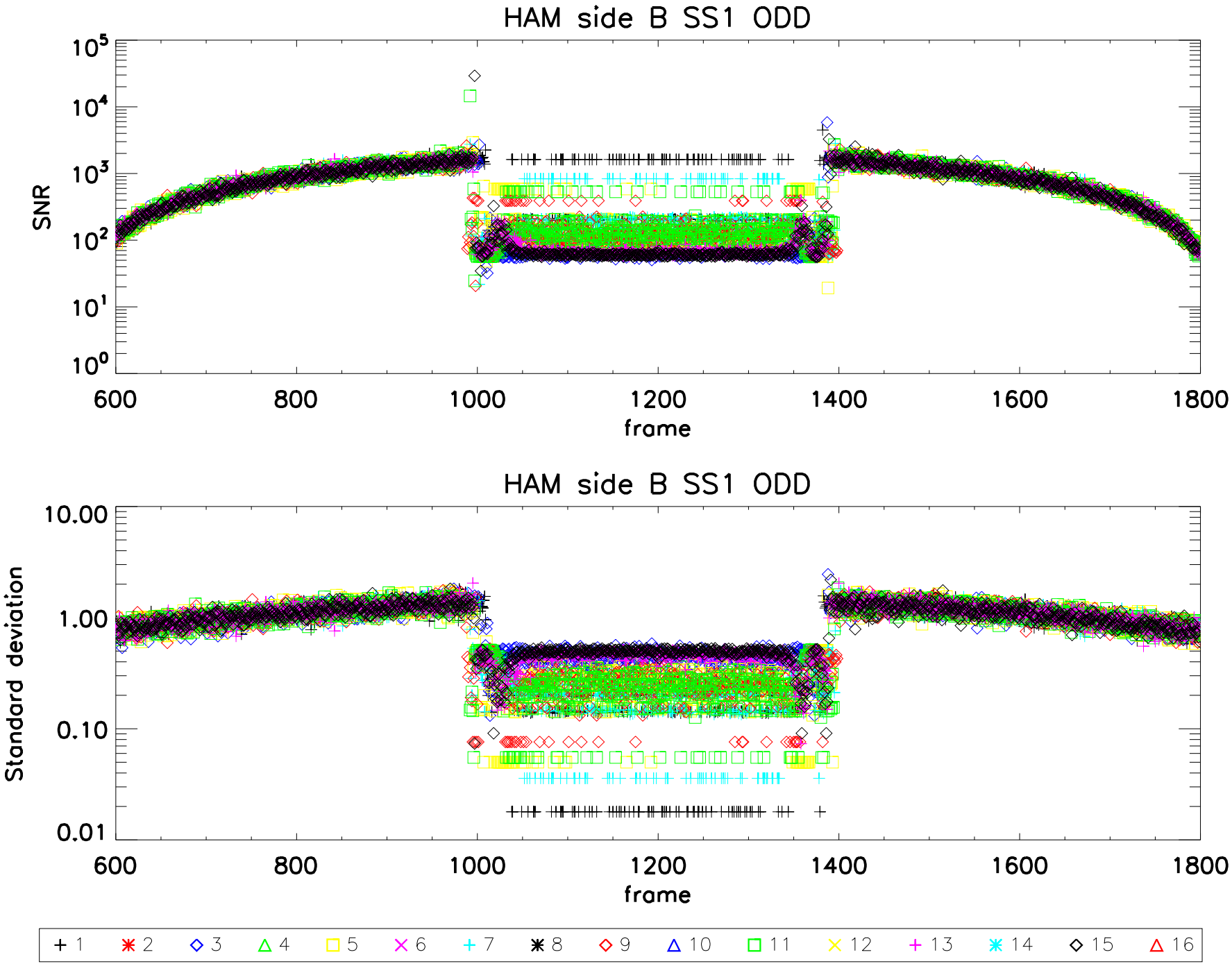

Gain Switching Temperature vs Detector M13
HAM side B SS1 (high to low)
T (K)
350
348
346
344
342
340
0
5
10
15
20
Detector
HAM side B SS1 (low to high)
T (K)
350
348
346
344
342
340
0
5
10
15
20
Detector

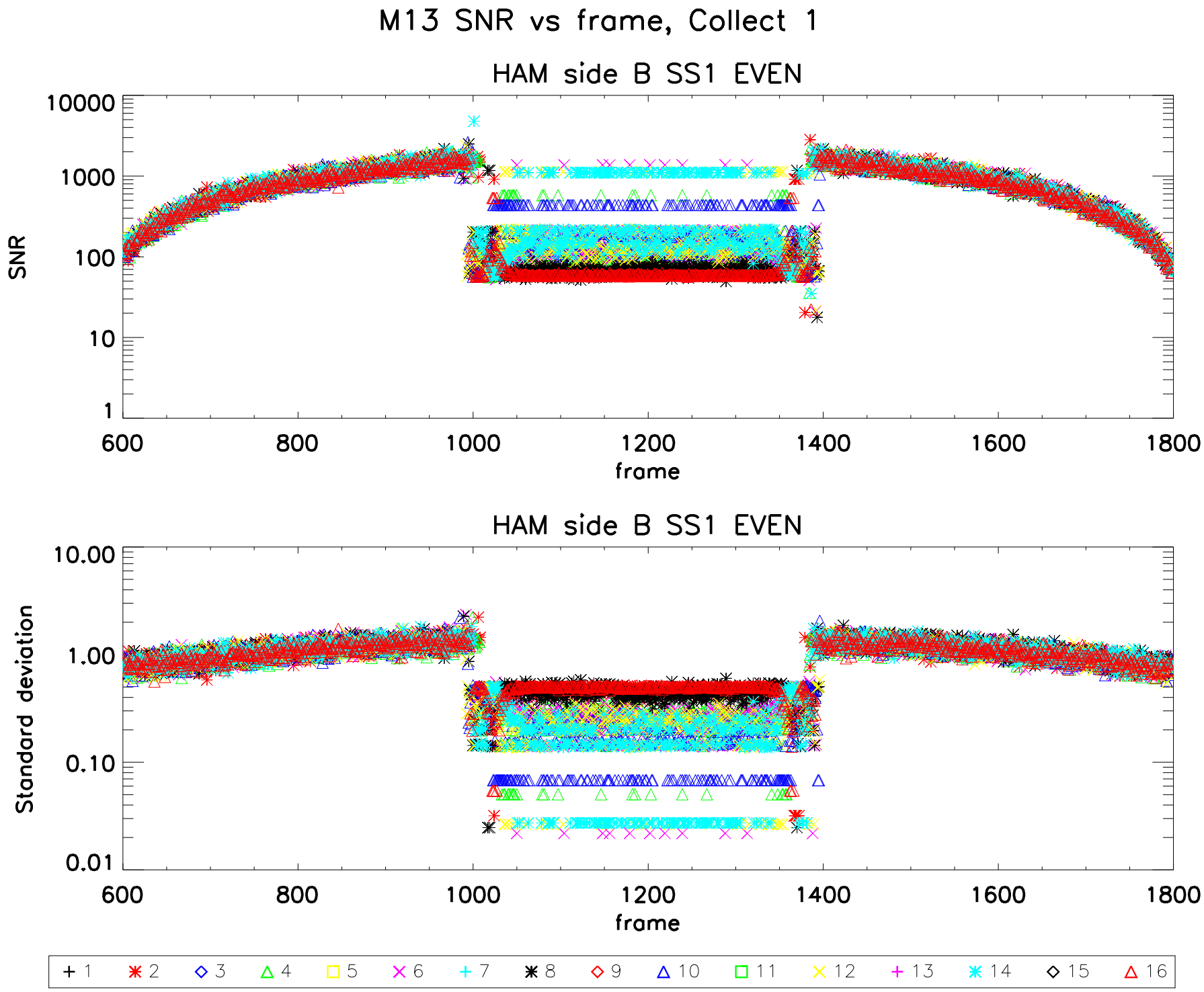
M13 SNR vs frame, Collect 1




M13 SNR vs frame, Collect 1
HAM side A SS1 EVEN
SNR
10000
1000
100
10
1
600
800
1000
1200
1400
1600
1800
frame
HAM side A SS1 EVEN
Standard deviation
10.00
1.00
0.10
0.01
600
800
1000
1200
1400
1600
1800
frame
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

M13 SNR vs frame, Collect 1




M13 SNR vs frame, Collect 1
HAM side B SS1 EVEN
SNR
10000
1000
100
10
1
600
800
1000
1200
1400
1600
1800
frame
HAM side B SS1 EVEN
Standard deviation
10.00
1.00
0.10
0.01
600
800
1000
1200
1400
1600
1800
frame
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16