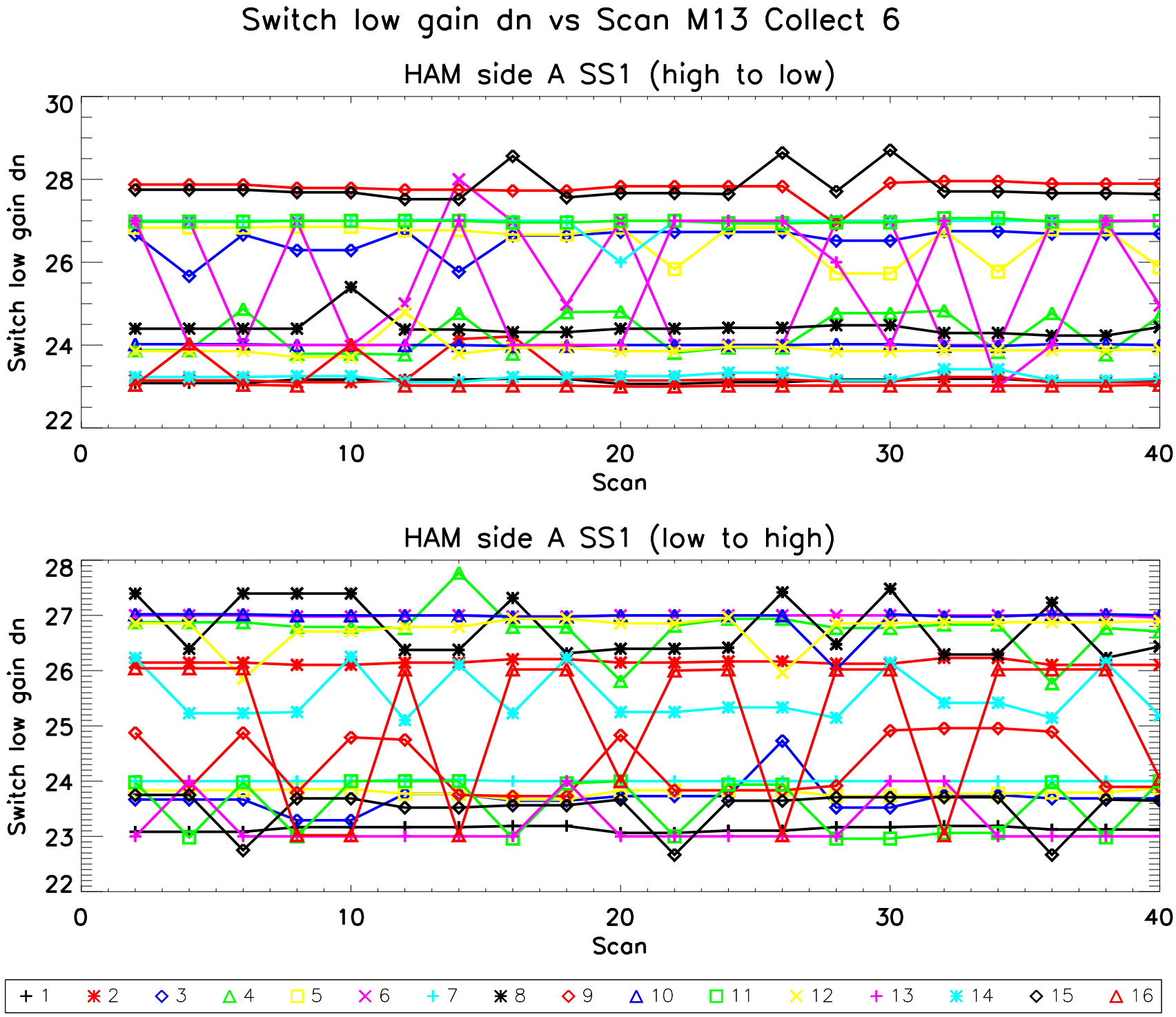
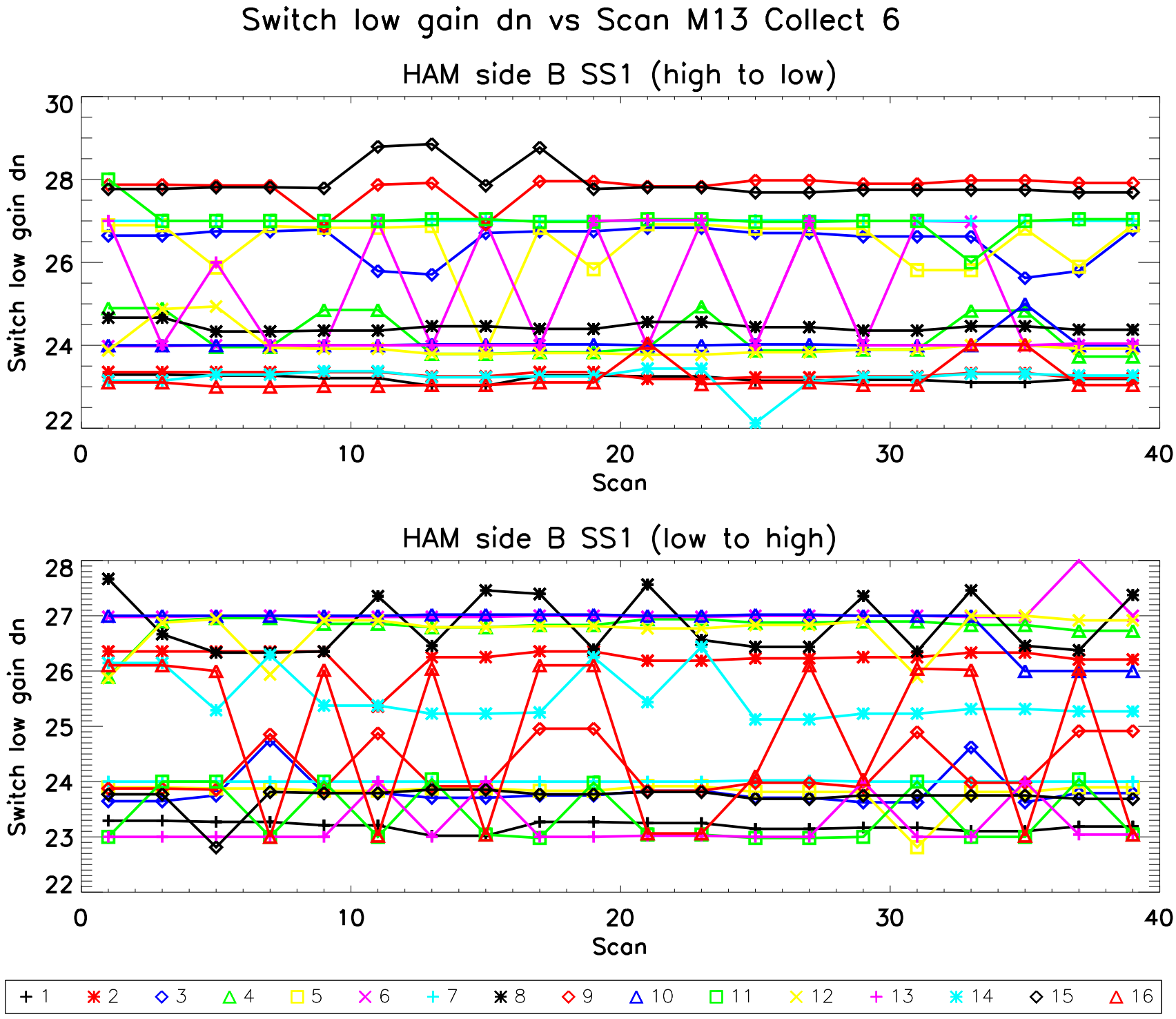

Switch low gain dn vs Scan M13 Collect 6
HAM side A SS1 (high to low)
Switch low gain dn
30
28
26
24
22
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Switch low gain dn
28
27
26
25
24
23
22
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Switch low gain dn vs Scan M13 Collect 6
HAM side B SS1 (high to low)
Switch low gain dn
30
28
26
24
22
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Switch low gain dn
28
27
26
25
24
23
22
0
10
20
30
40
Scan
1
2
3
4
5
6
7
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9
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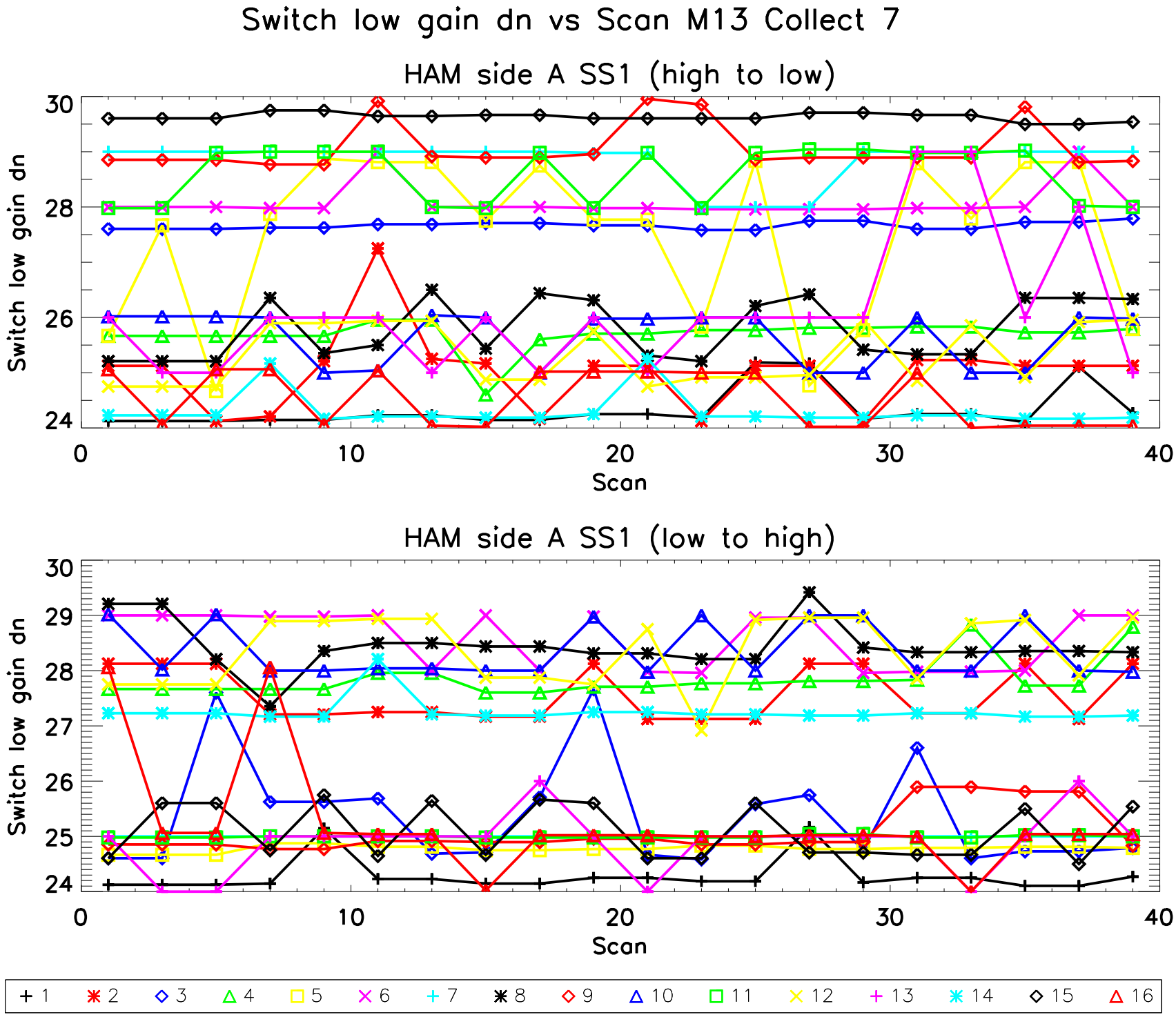
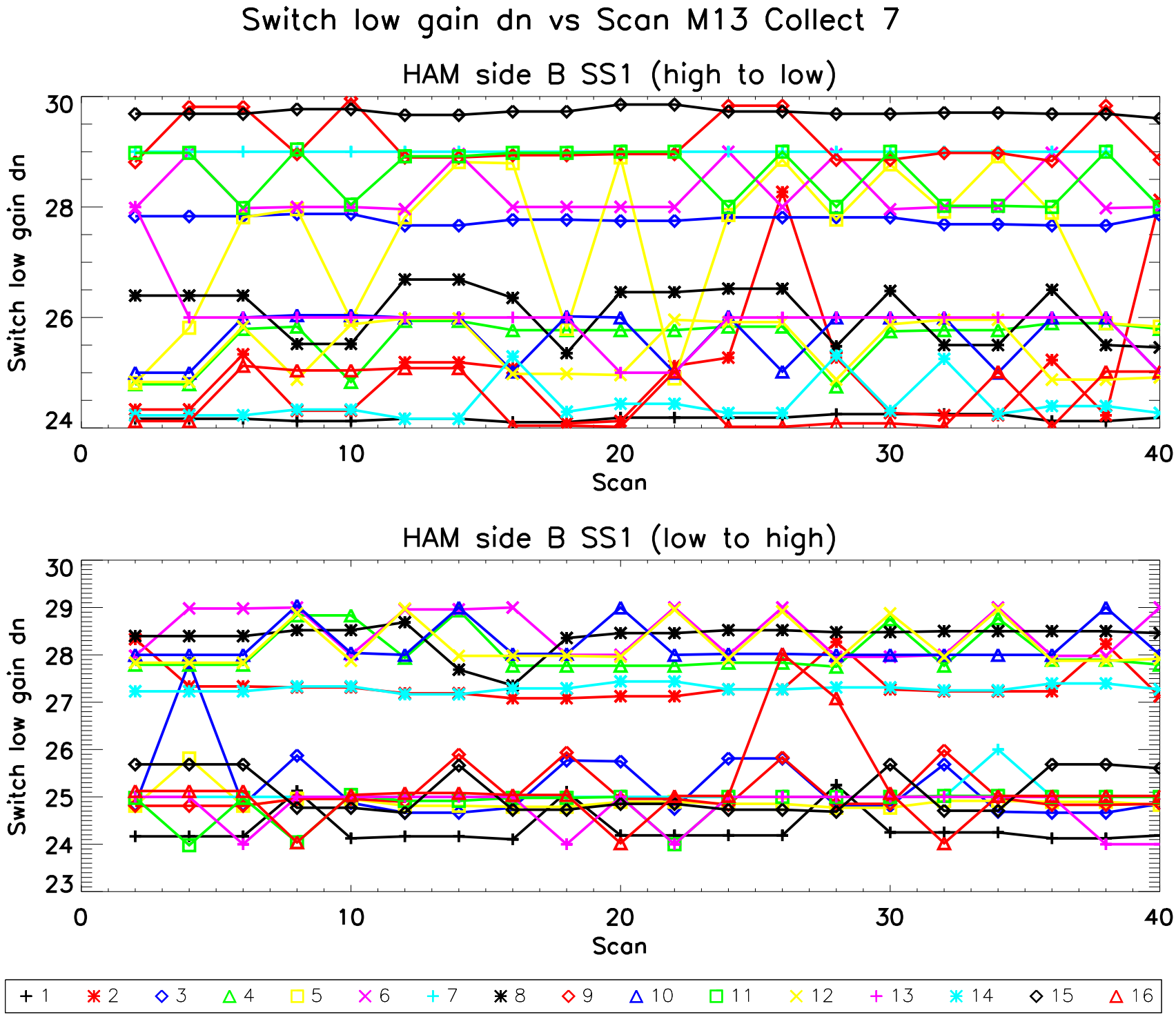
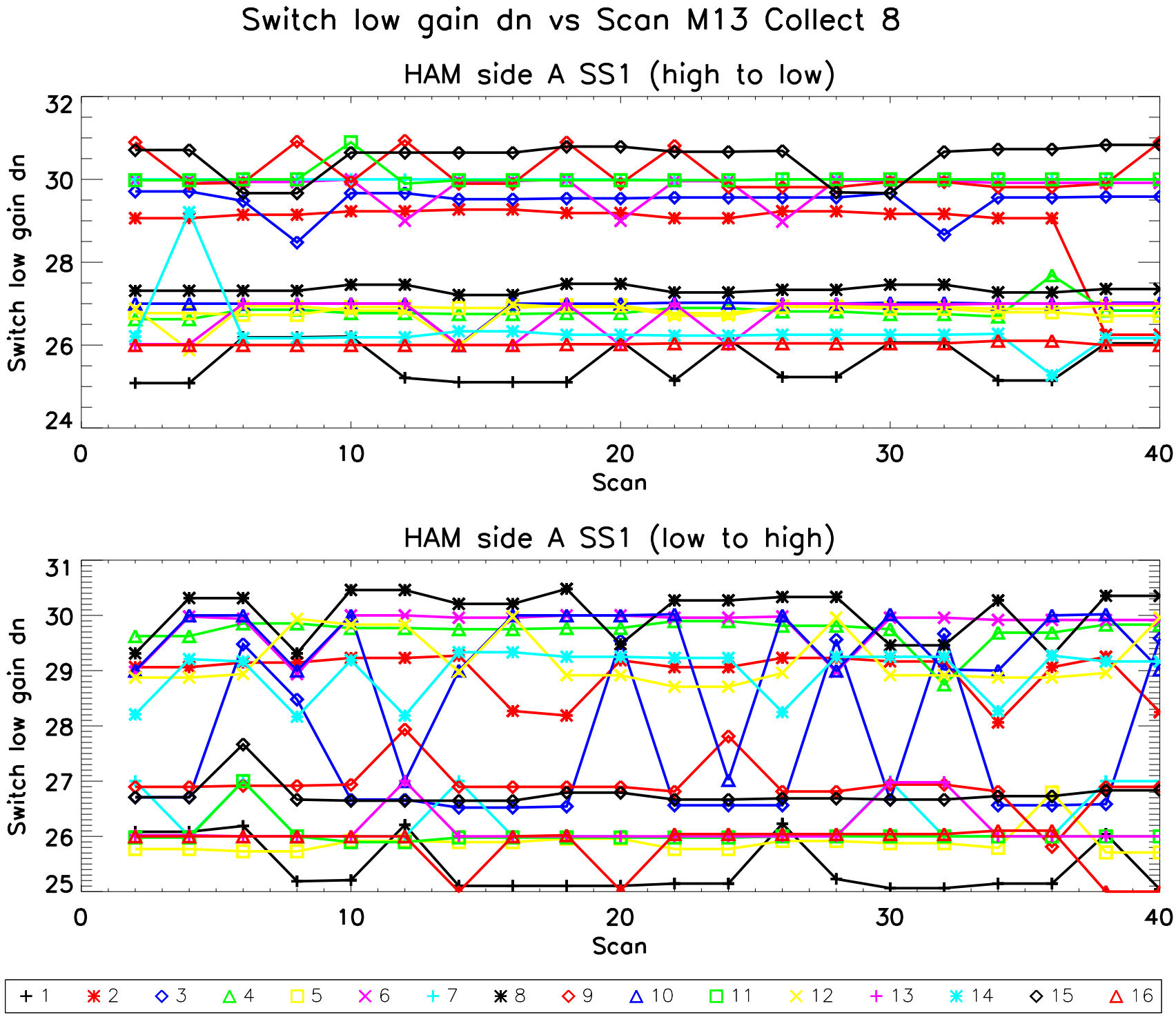
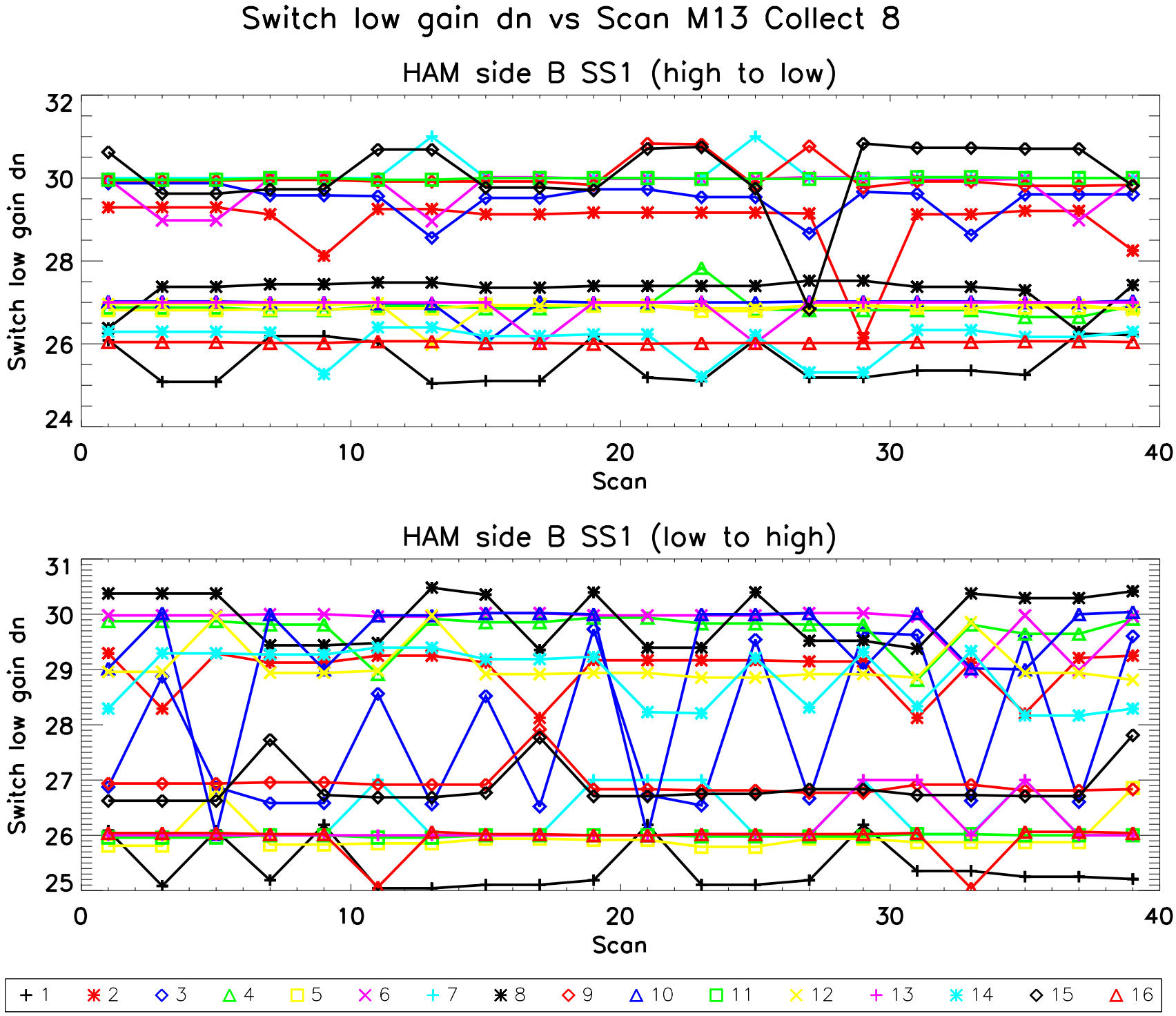
13
14
15
16


Switch low gain dn vs Scan M13 Collect 7
HAM side A SS1 (high to low)
Switch low gain dn
30
28
26
24
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Switch low gain dn
30
29
28
27
26
25
24
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Switch low gain dn vs Scan M13 Collect 7
HAM side B SS1 (high to low)
Switch low gain dn
30
28
26
24
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Switch low gain dn
30
29
28
27
26
25
24
23
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Switch low gain dn vs Scan M13 Collect 8
HAM side A SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Switch low gain dn
31
30
29
28
27
26
25
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Switch low gain dn vs Scan M13 Collect 8
HAM side B SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Switch low gain dn
31
30
29
28
27
26
25
0
10
20
30
40
Scan
1
2
3
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5
6
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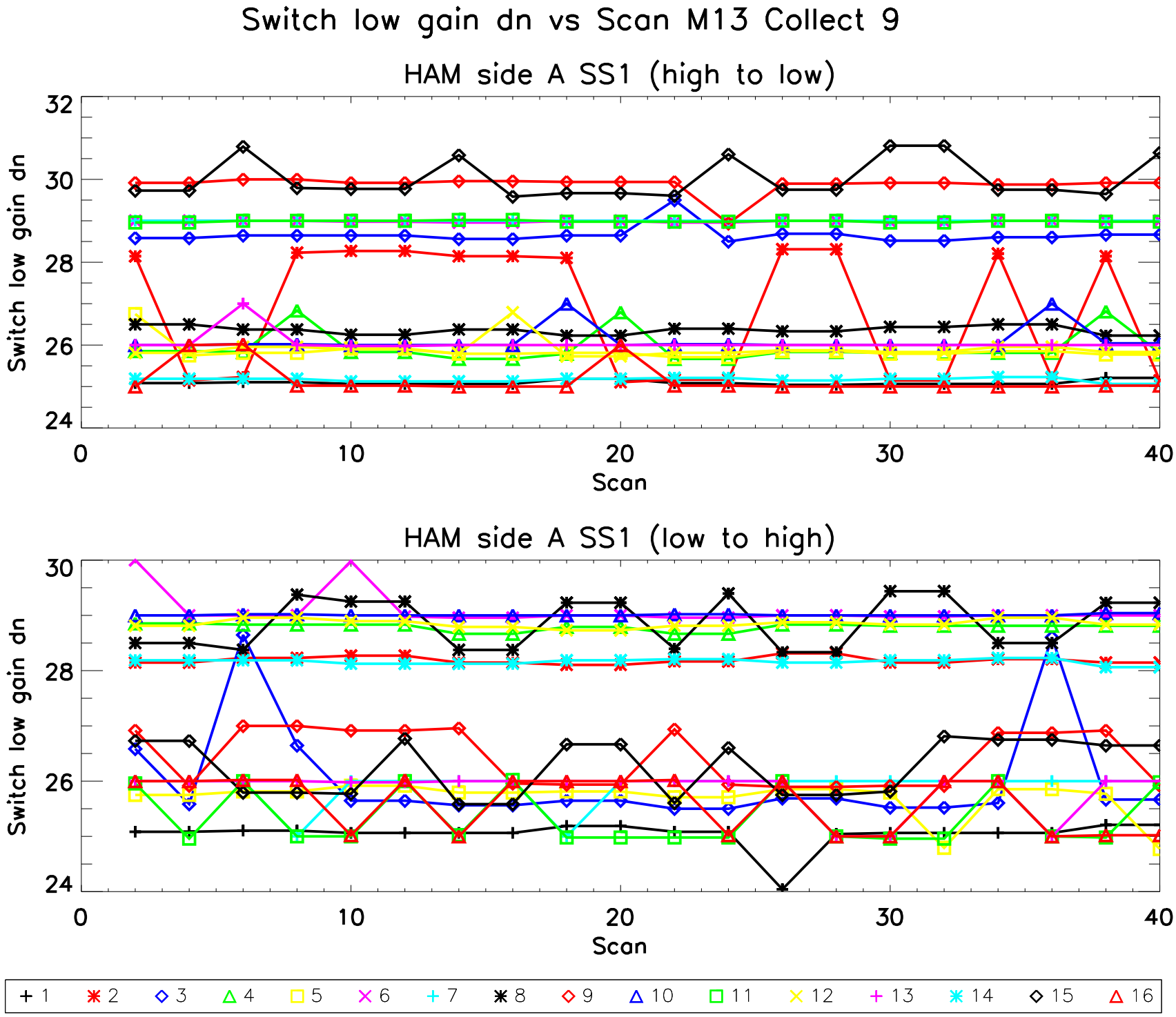
Switch low gain dn vs Scan M13 Collect 9
HAM side A SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Switch low gain dn
30
28
26
24
0
10
20
30
40
Scan
1
2
3
4
5
6
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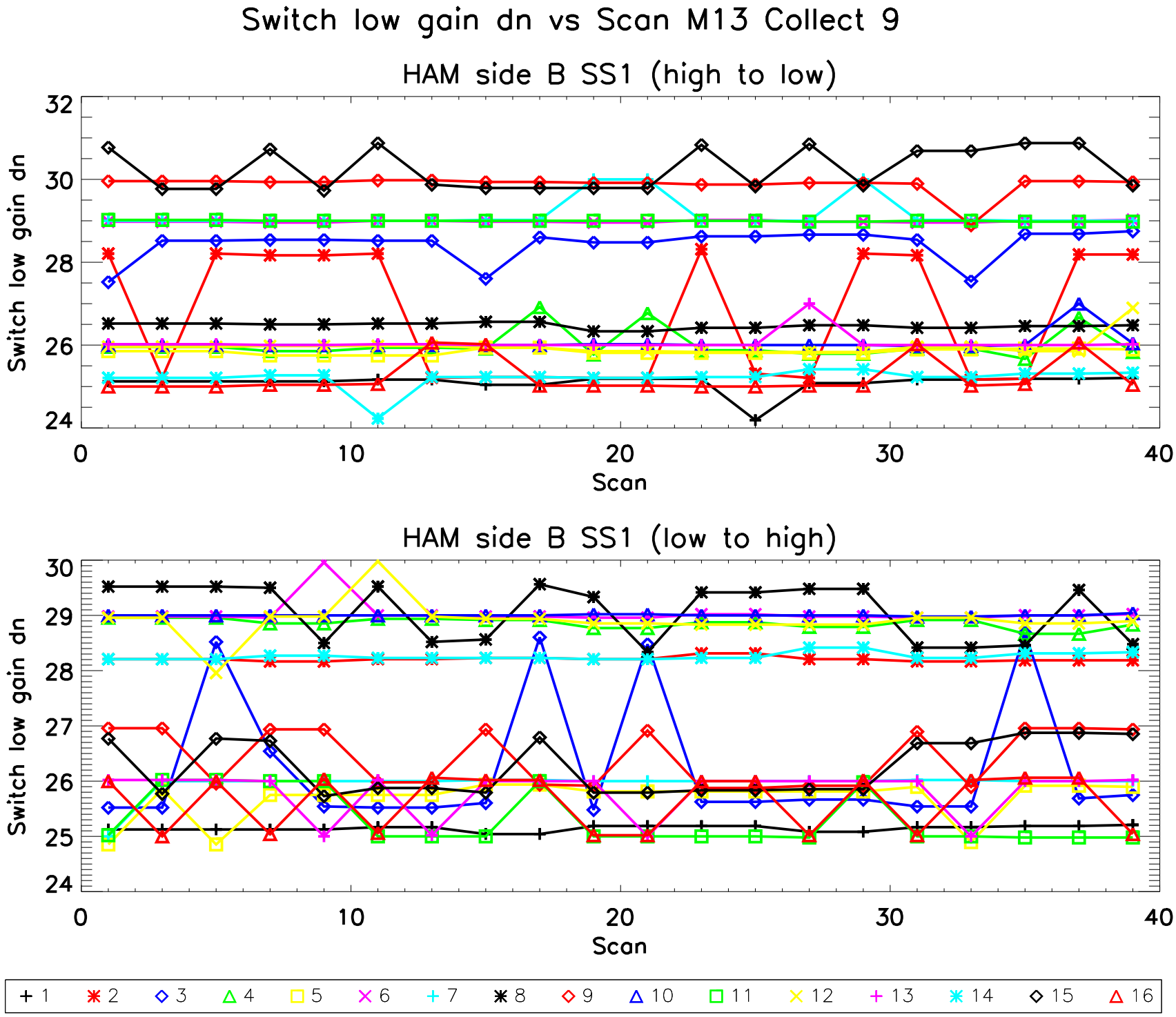
Switch low gain dn vs Scan M13 Collect 9
HAM side B SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Switch low gain dn
30
29
28
27
26
25
24
0
10
20
30
40
Scan
1
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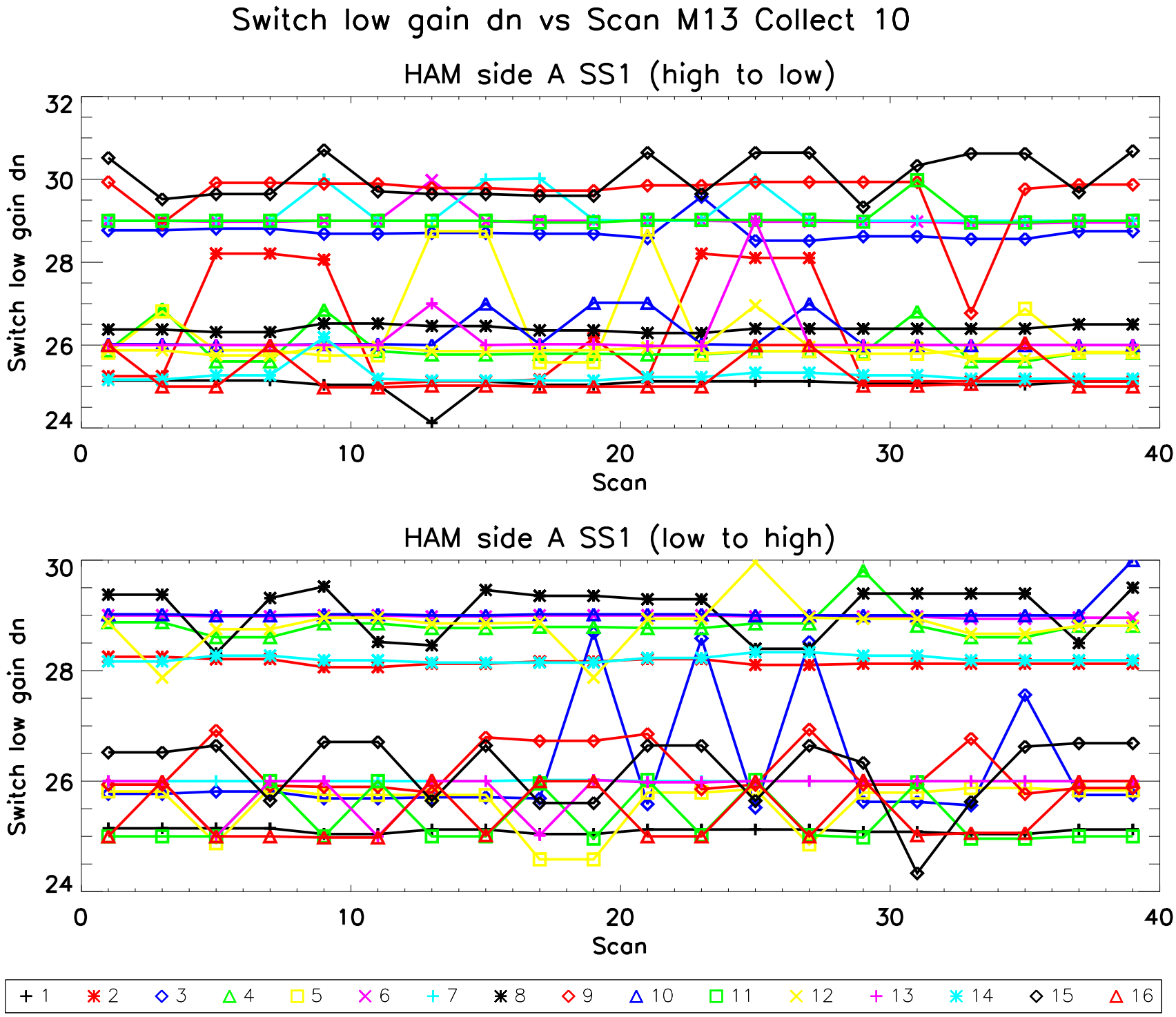
Switch low gain dn vs Scan M13 Collect 10
HAM side A SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Switch low gain dn
30
28
26
24
0
10
20
30
40
Scan
1
2
3
4
5
6
7
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9
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11
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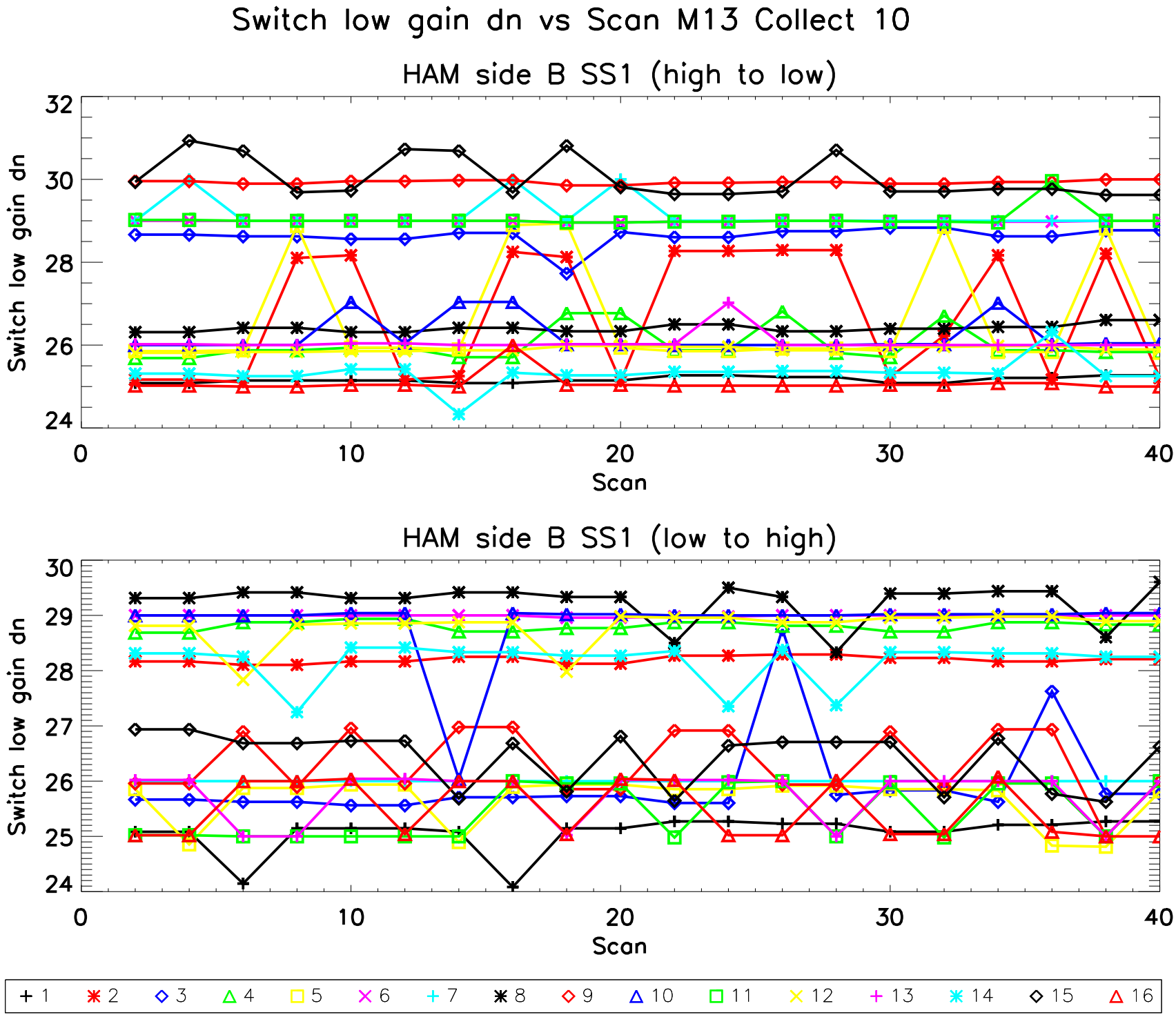
Switch low gain dn vs Scan M13 Collect 10
HAM side B SS1 (high to low)
Switch low gain dn
32
30
28
26
24
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Switch low gain dn
30
29
28
27
26
25
24
0
10
20
30
40
Scan
1
2
3
4
5
6
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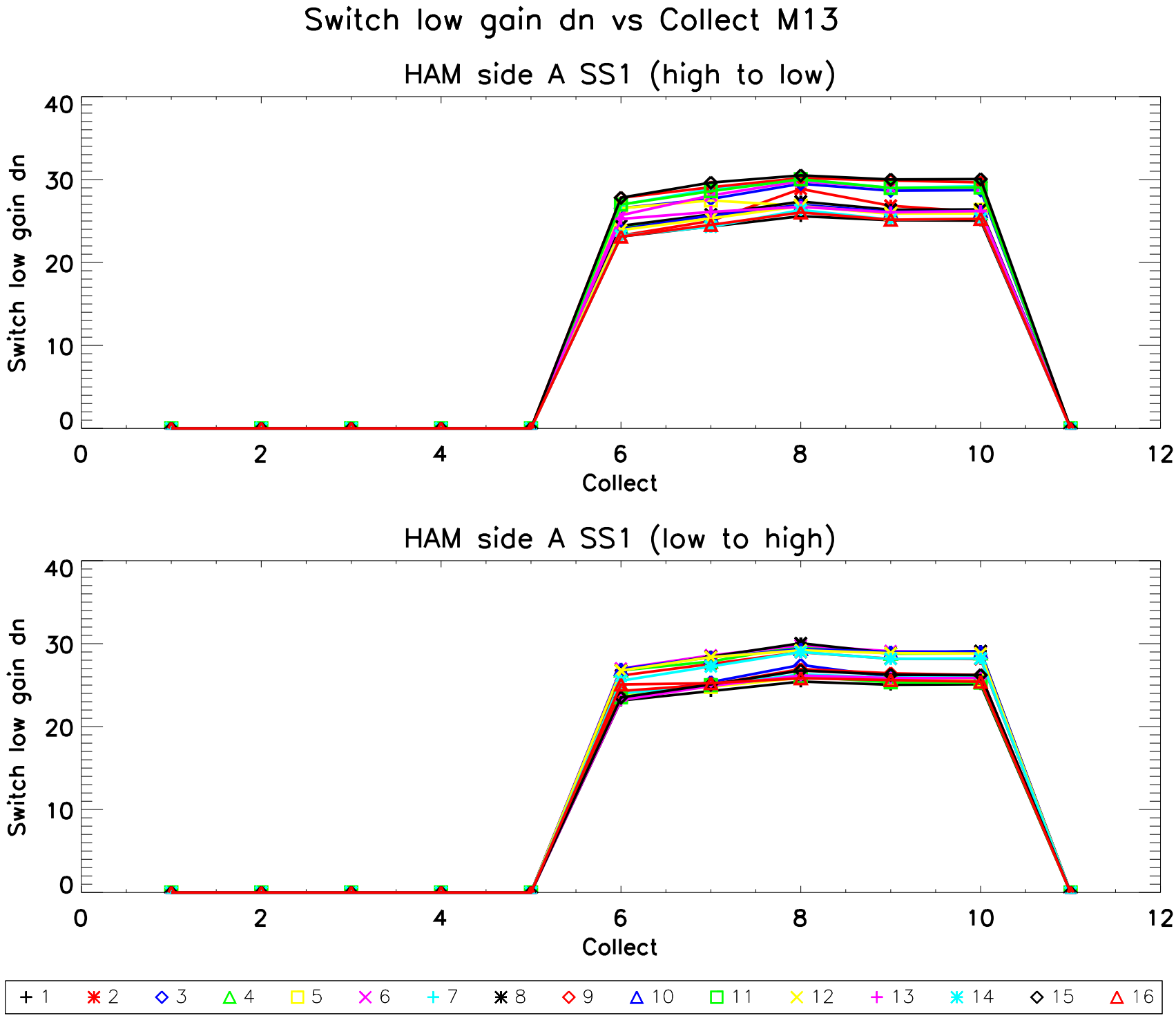
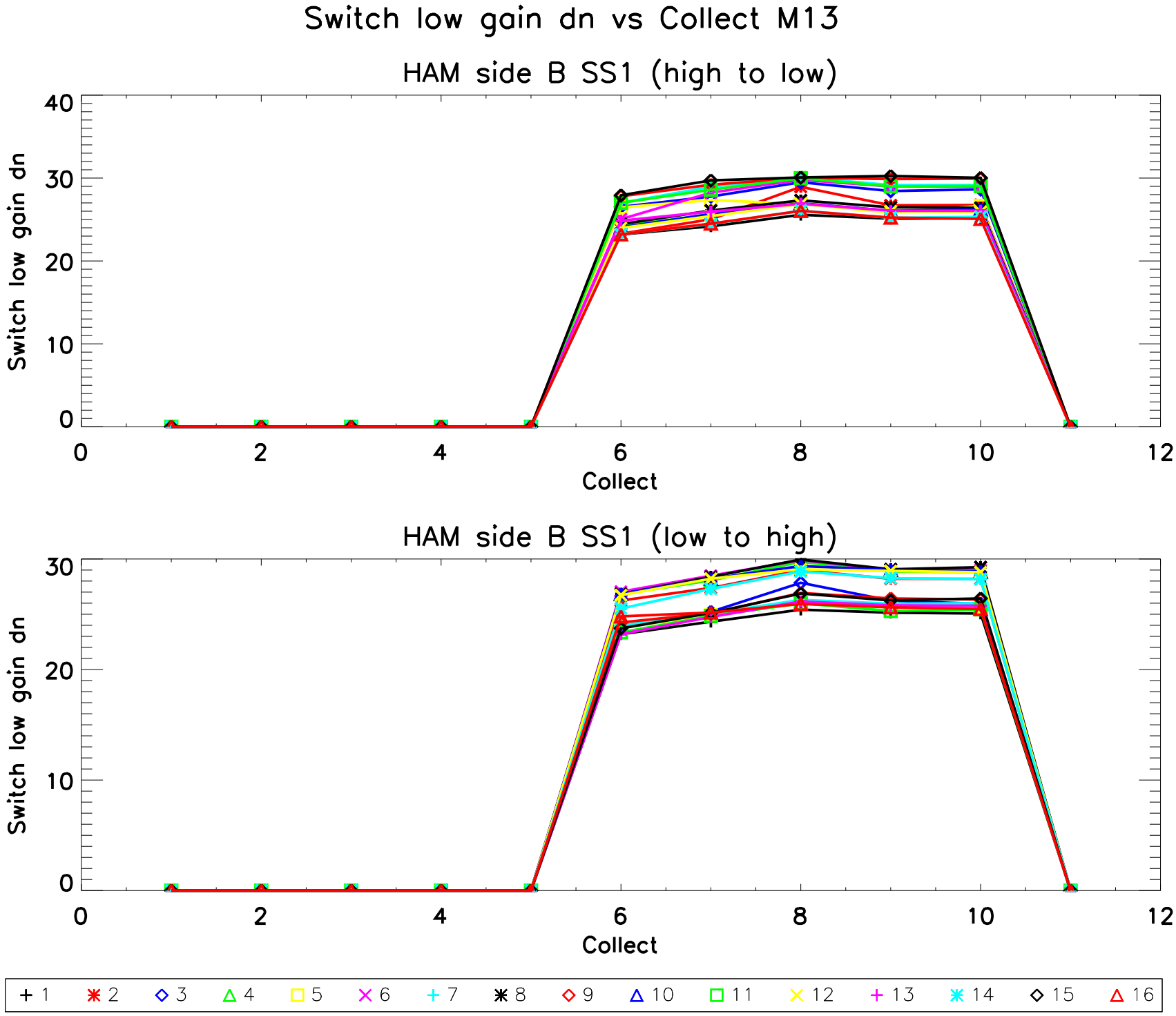
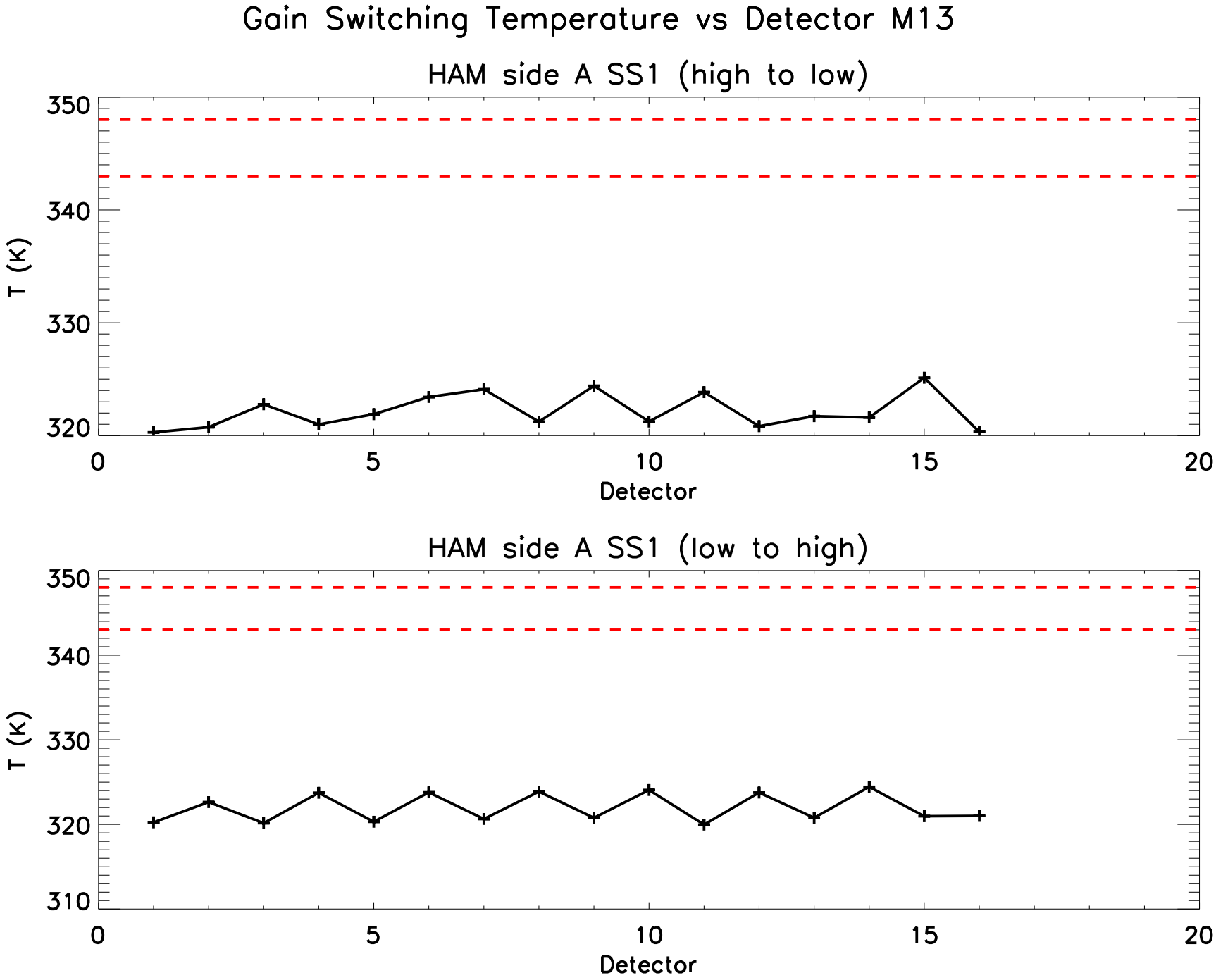
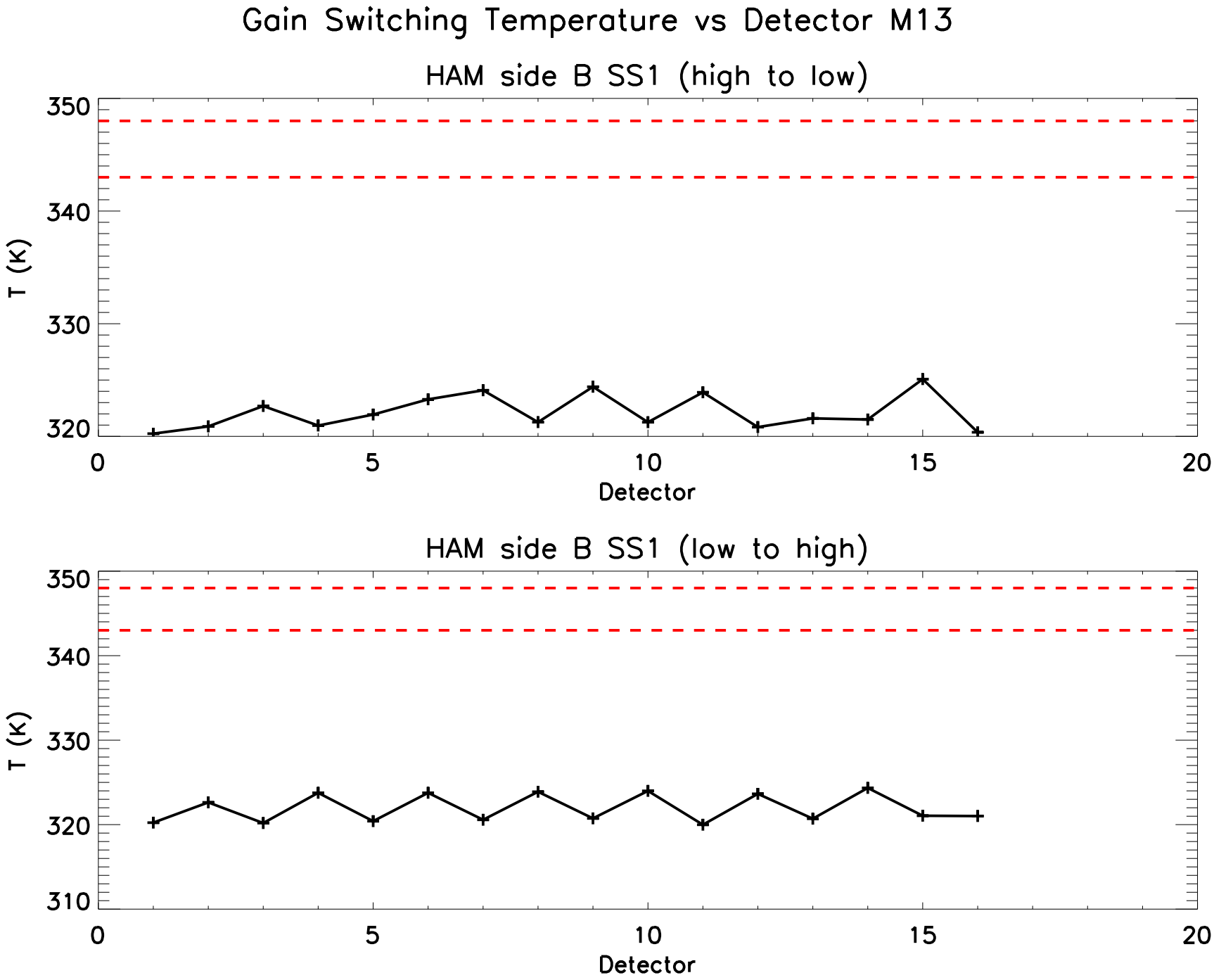

Switch low gain dn vs Collect M13
HAM side A SS1 (high to low)
Switch low gain dn
Collect
HAM side A SS1 (low to high)
Switch low gain dn
Collect
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Switch low gain dn vs Collect M13
HAM side B SS1 (high to low)
Switch low gain dn
Collect
HAM side B SS1 (low to high)
Switch low gain dn
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
340
330
320
0
5
10
15
20
Detector
HAM side A SS1 (low to high)
T (K)
350
340
330
320
310
0
5
10
15
20
Detector


Gain Switching Temperature vs Detector M13
HAM side B SS1 (high to low)
350
340
330
320
T (K)
0
5
10
15
20
Detector
HAM side B SS1 (low to high)
350
340
330
320
310
T (K)
0
5
10
15
20
Detector