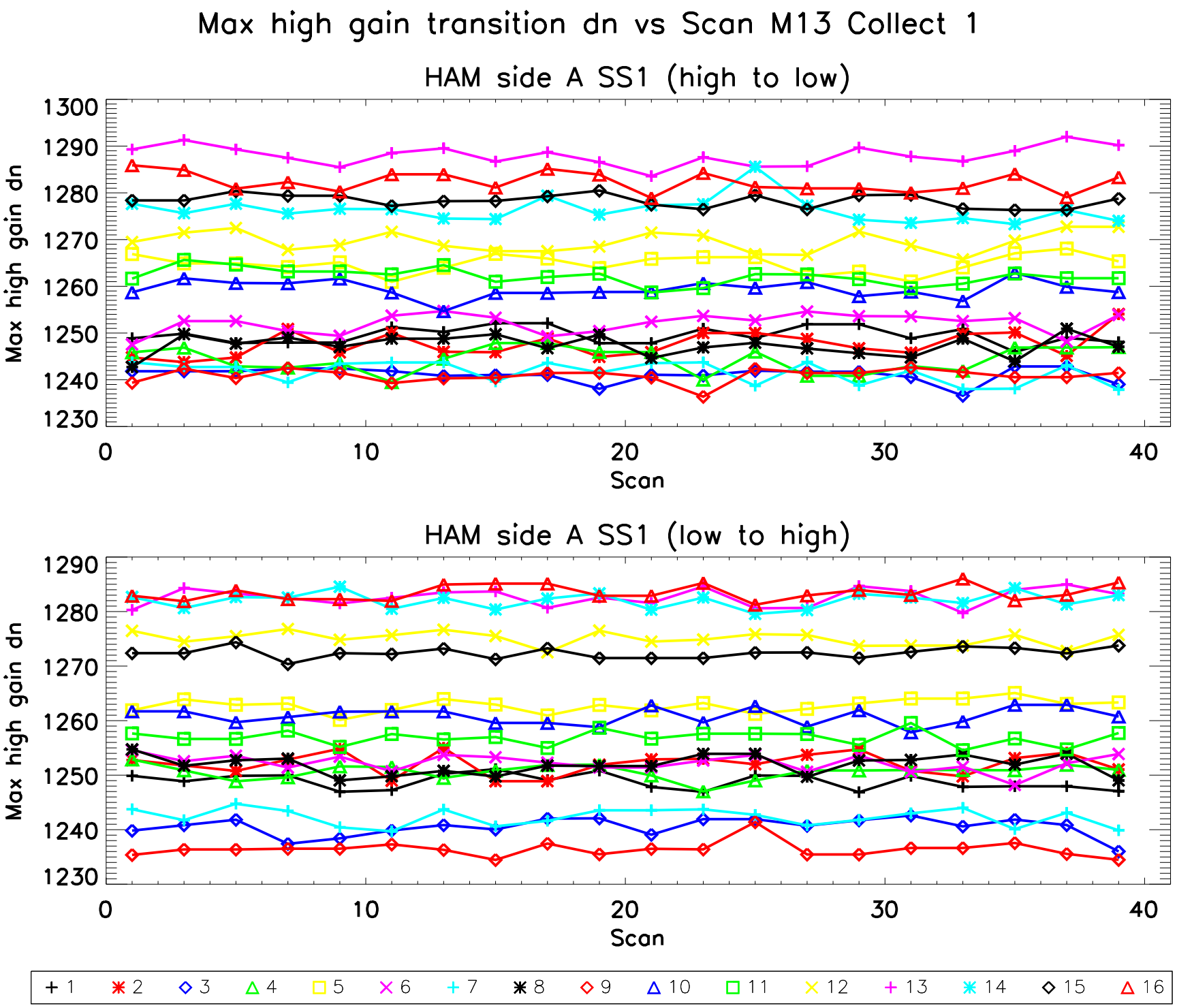
Max high gain transition dn vs Scan M13 Collect 1
HAM side A SS1 (high to low)
Max high gain dn
1300
1290
1280
1270
1260
1250
1240
1230
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1290
1280
1270
1260
1250
1240
1230
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
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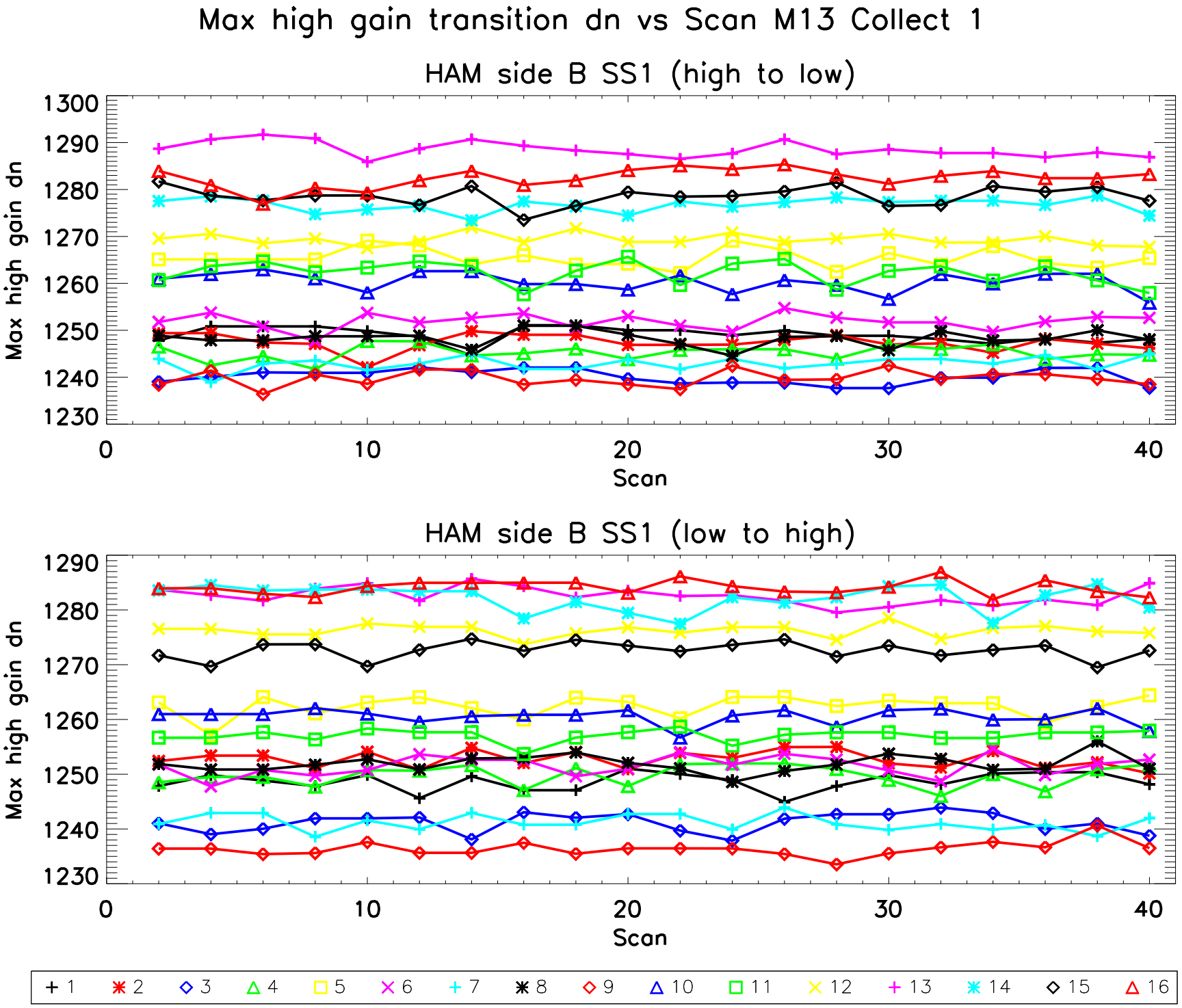
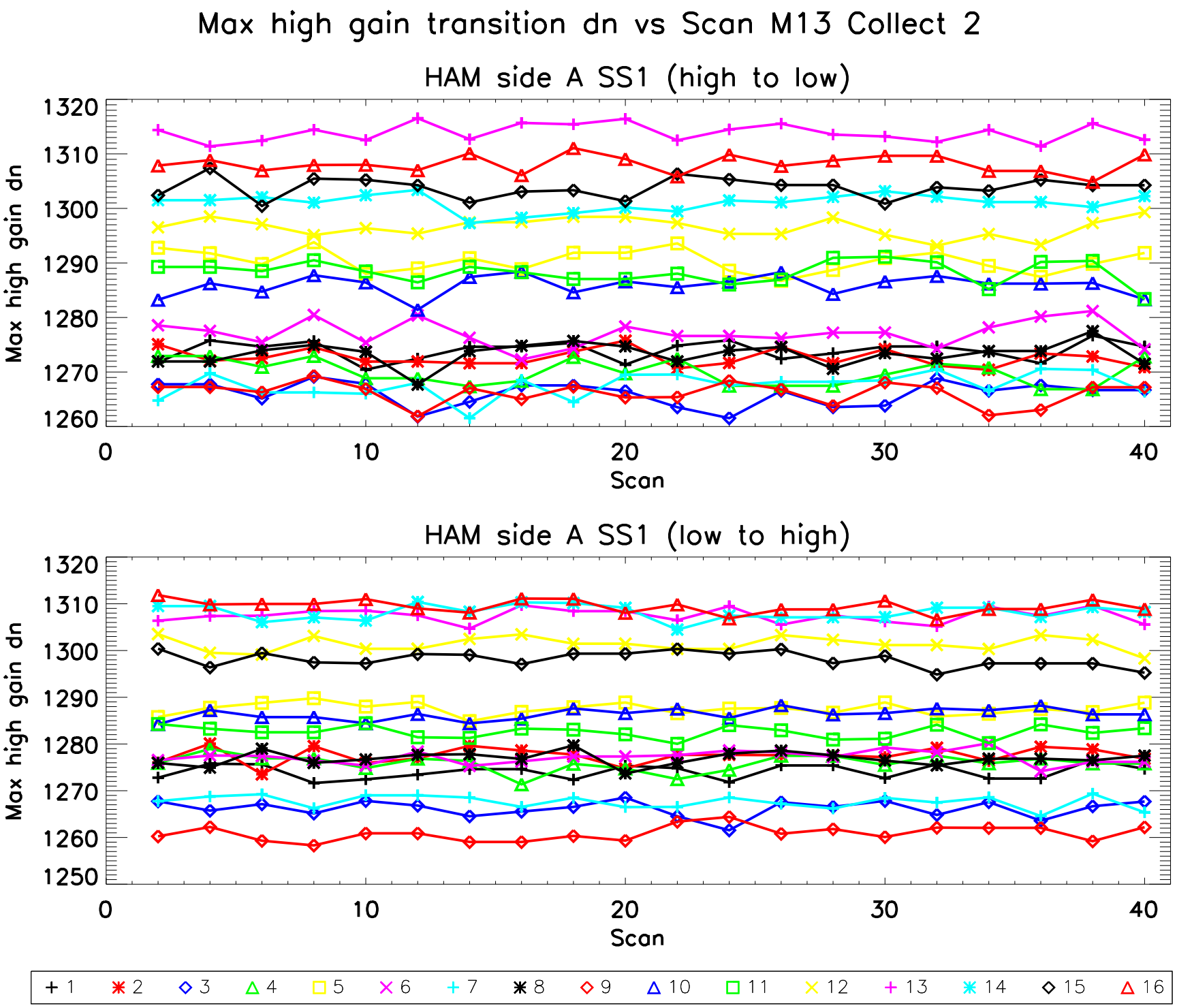
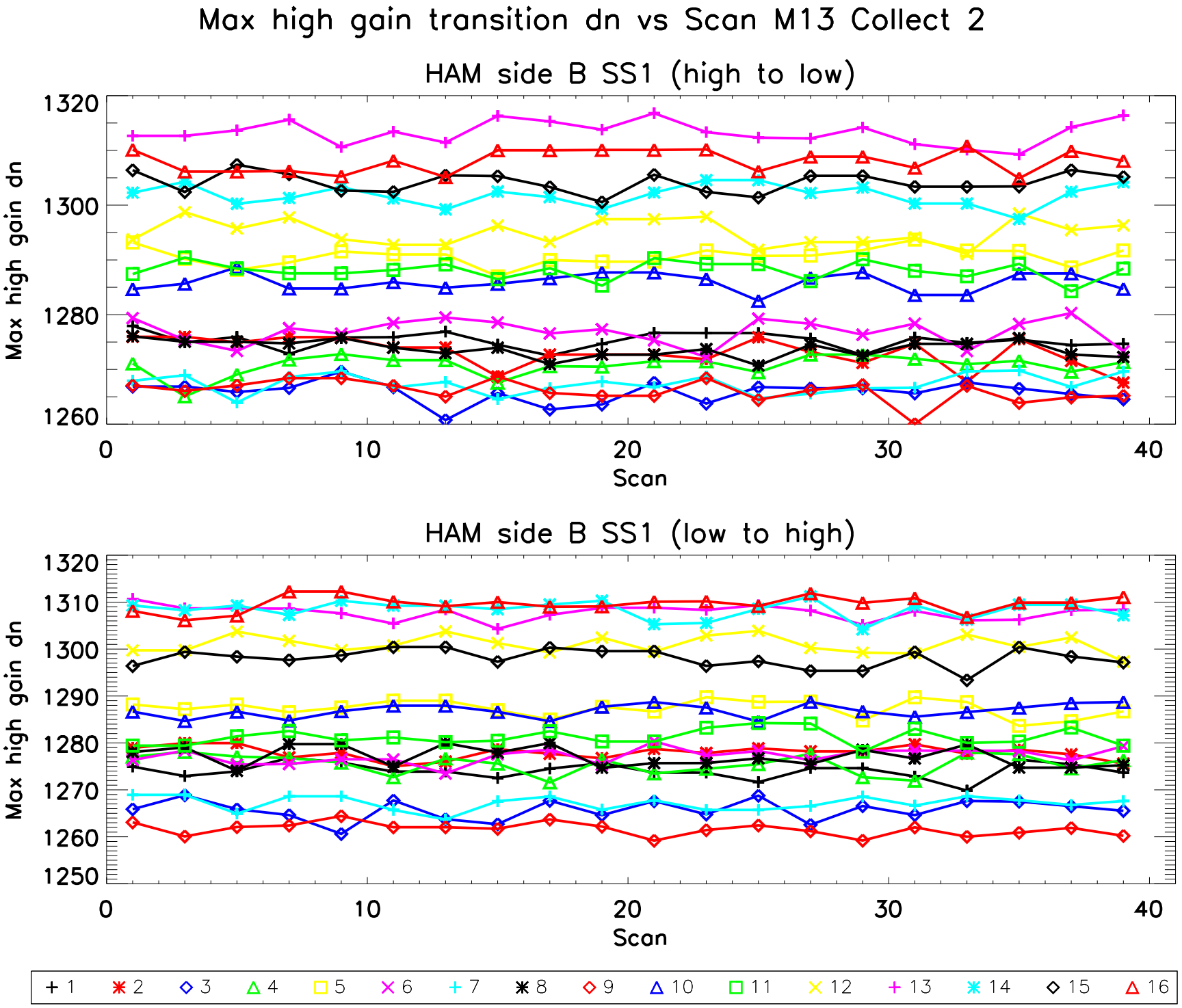
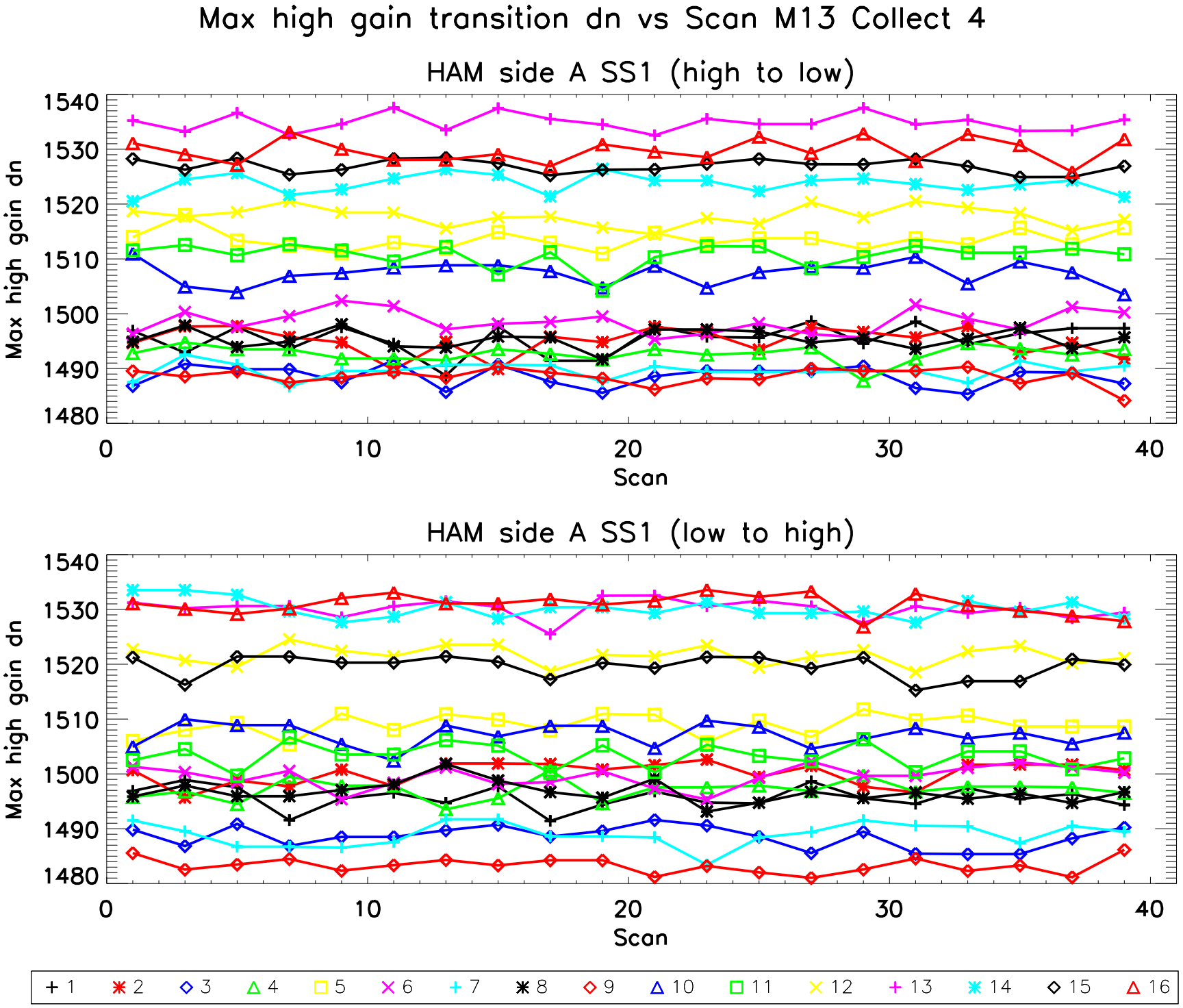
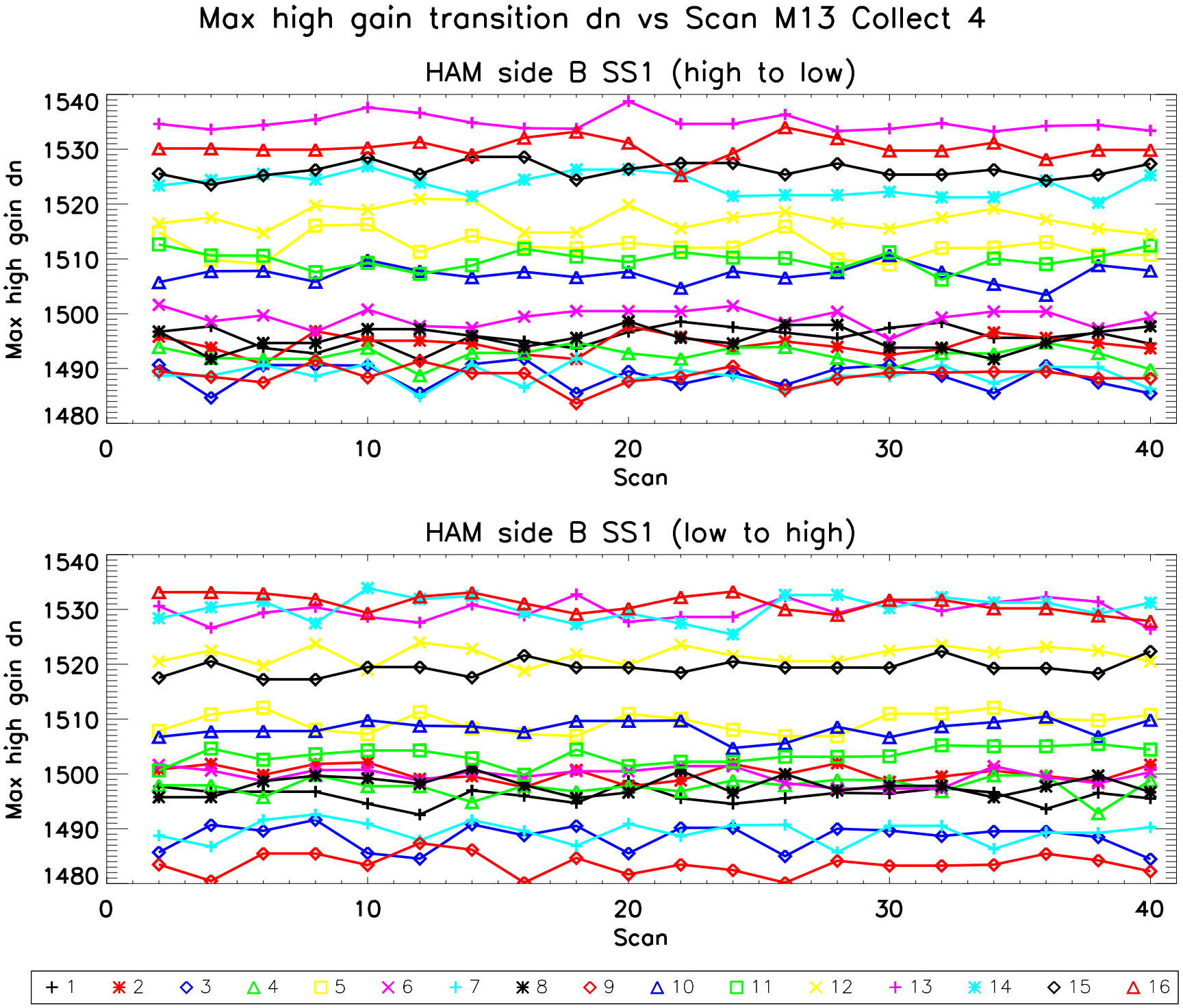
11
12
13
14
15
16

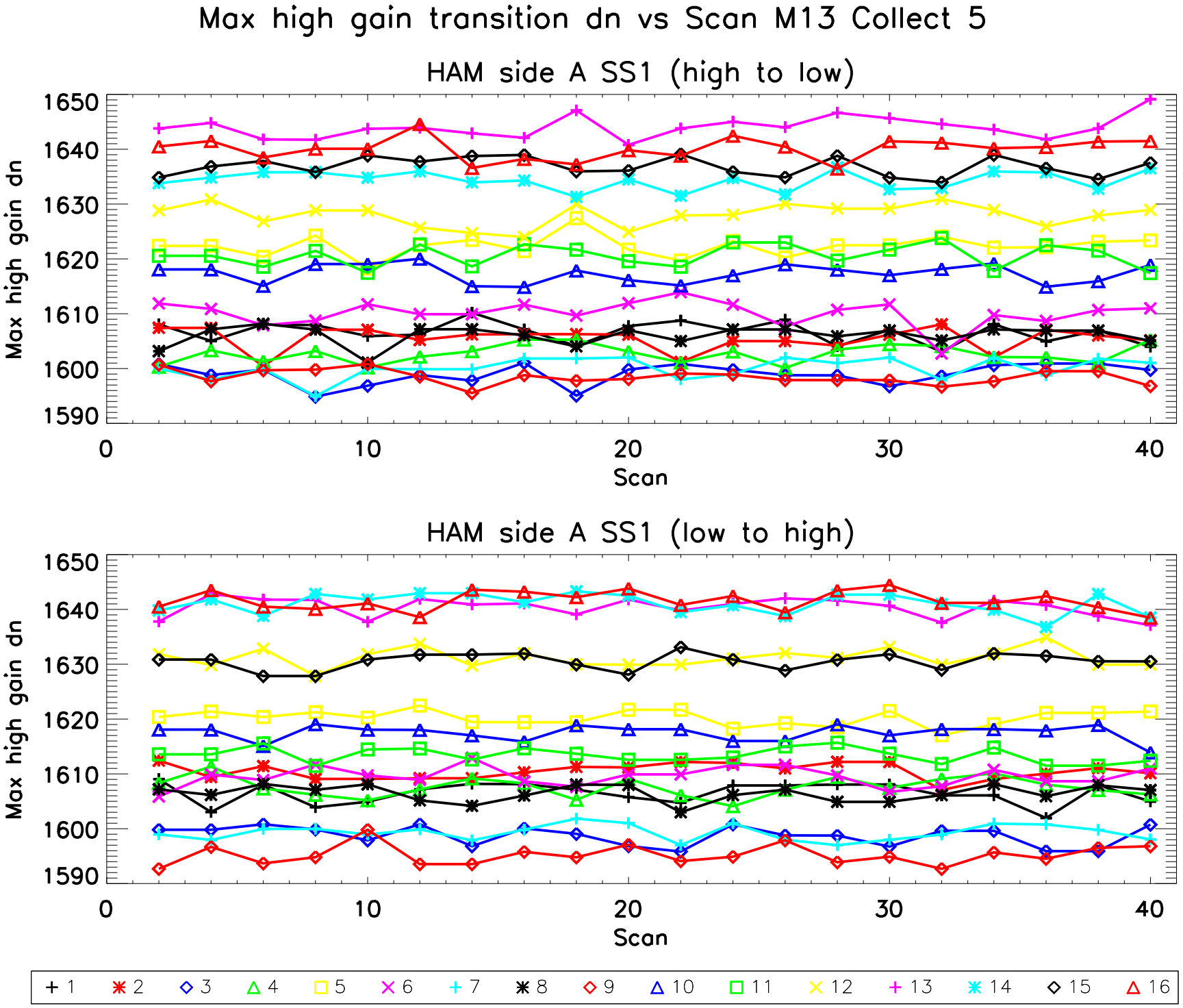

Max high gain transition dn vs Scan M13 Collect 1
HAM side B SS1 (high to low)
Max high gain dn
1300
1290
1280
1270
1260
1250
1240
1230
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1290
1280
1270
1260
1250
1240
1230
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain transition dn vs Scan M13 Collect 2
HAM side A SS1 (high to low)
Max high gain dn
1320
1310
1300
1290
1280
1270
1260
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1320
1310
1300
1290
1280
1270
1260
1250
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

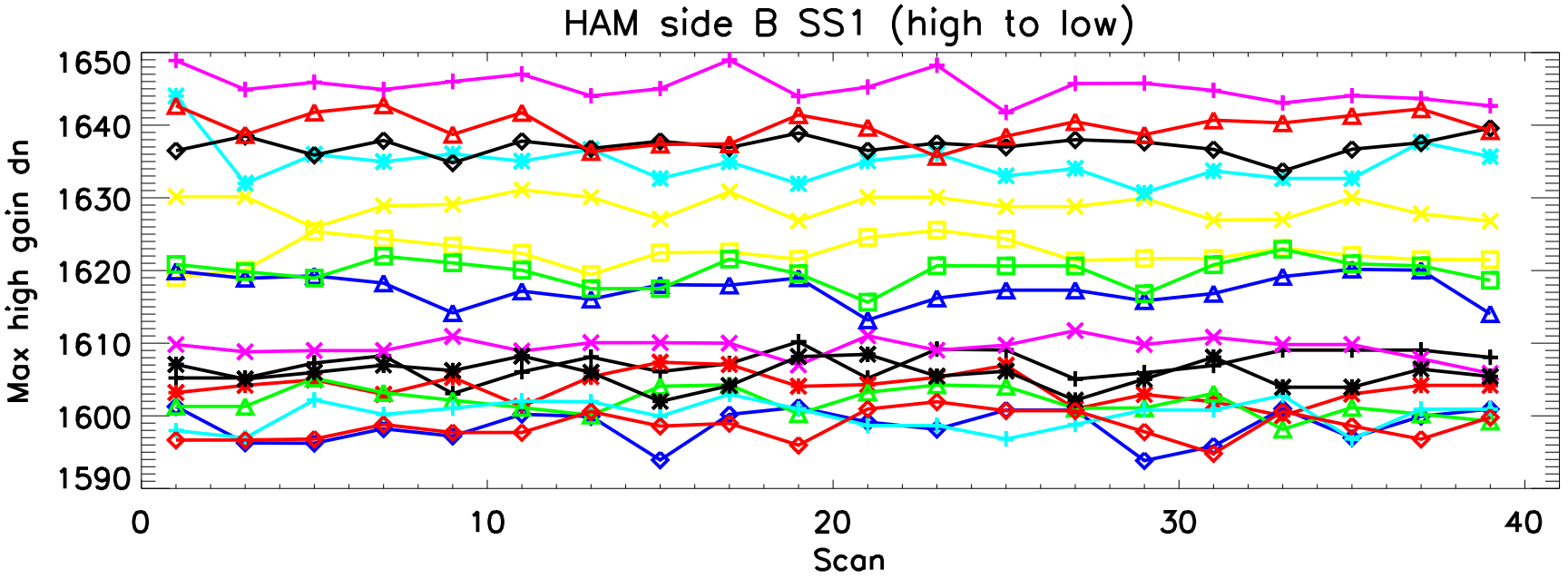

Max high gain transition dn vs Scan M13 Collect 2
HAM side B SS1 (high to low)
Max high gain dn
1320
1300
1280
1260
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1320
1310
1300
1290
1280
1270
1260
1250
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

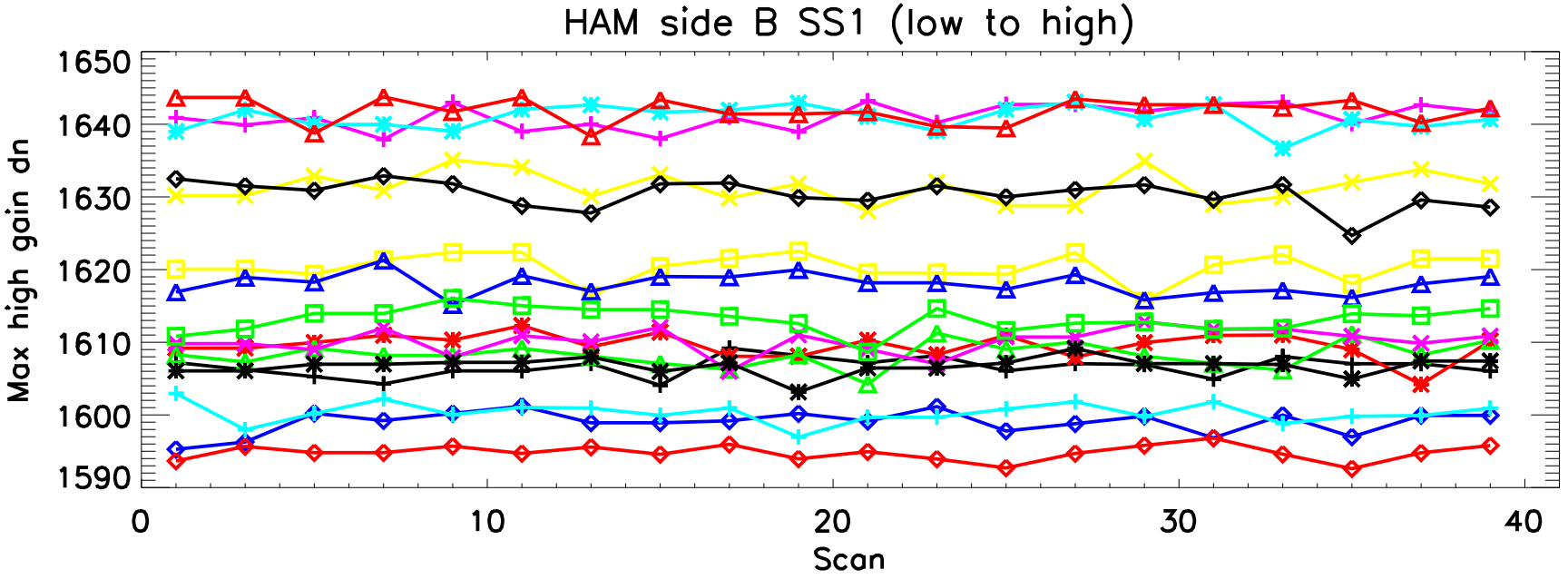

Max high gain transition dn vs Scan M13 Collect 4
HAM side A SS1 (high to low)
Max high gain dn
1540
1530
1520
1510
1500
1490
1480
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1540
1530
1520
1510
1500
1490
1480
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

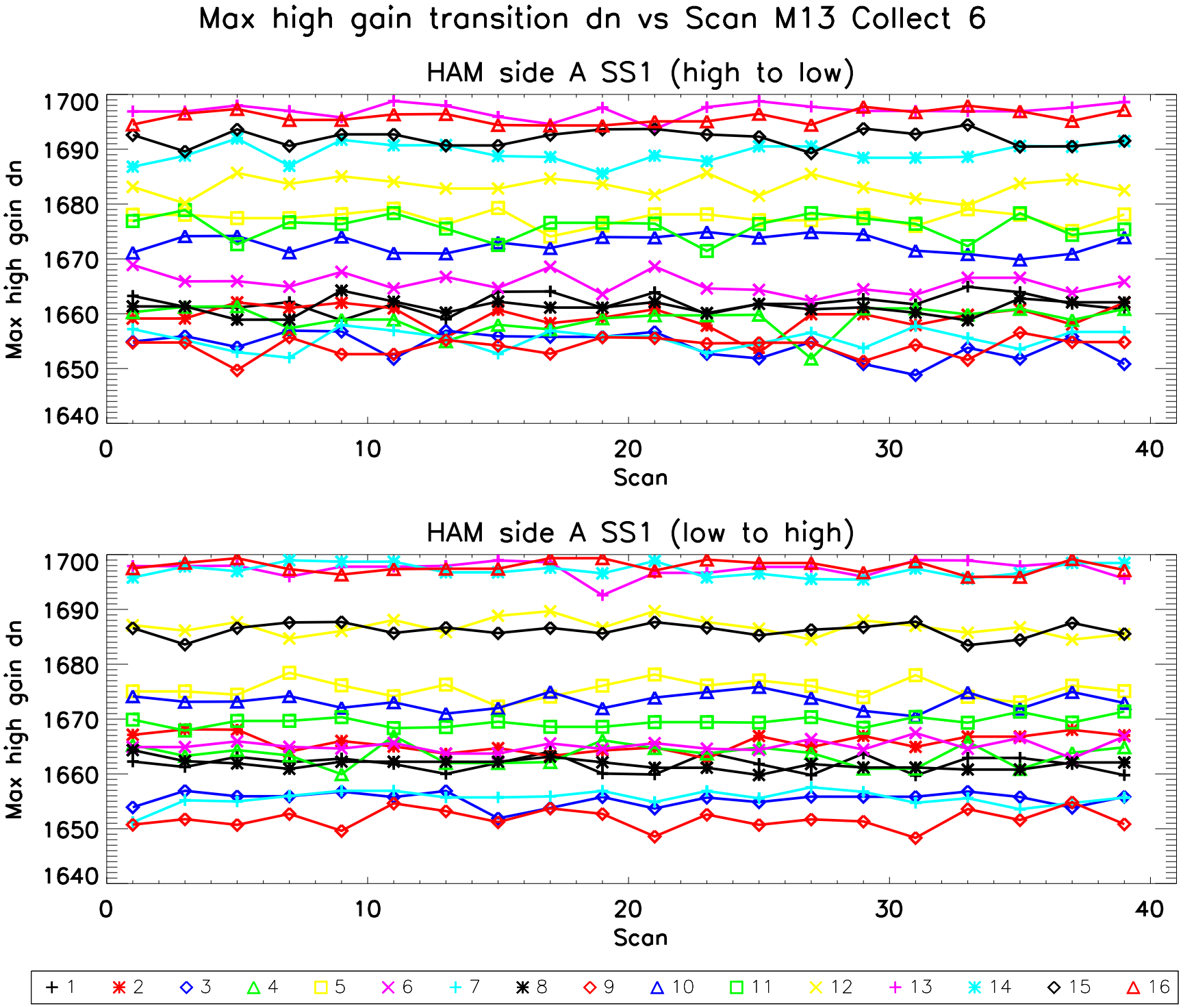

Max high gain transition dn vs Scan M13 Collect 4
HAM side B SS1 (high to low)
Max high gain dn
1540
1530
1520
1510
1500
1490
1480
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1540
1530
1520
1510
1500
1490
1480
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain transition dn vs Scan M13 Collect 5
HAM side A SS1 (high to low)
Max high gain dn
1650
1640
1630
1620
1610
1600
1590
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1650
1640
1630
1620
1610
1600
1590
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Max high gain transition dn vs Scan M13 Collect 5






Max high gain transition dn vs Scan M13 Collect 6
HAM side A SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
4
5
6
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10
11
12
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14
15
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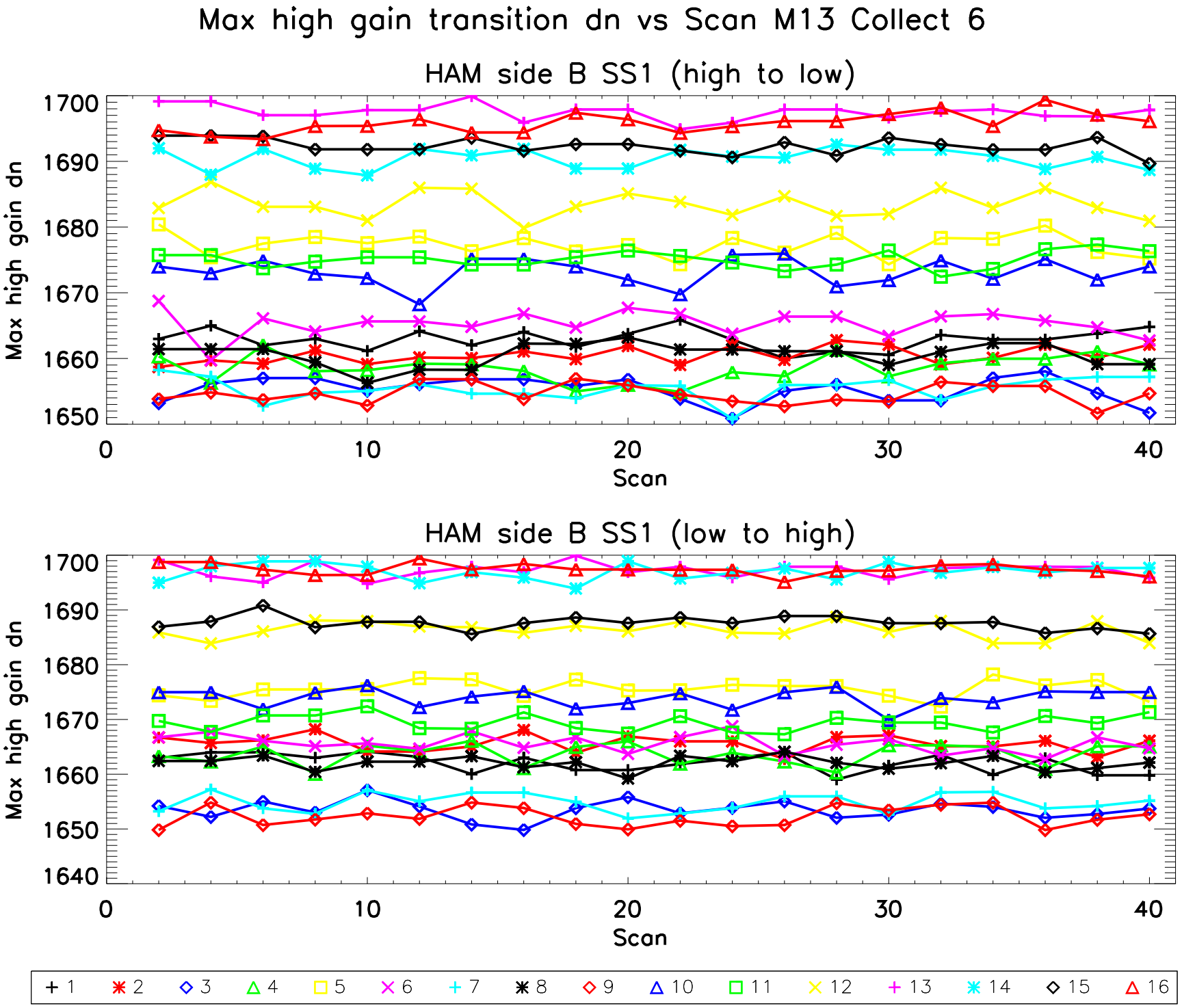
Max high gain transition dn vs Scan M13 Collect 6
HAM side B SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
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5
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11
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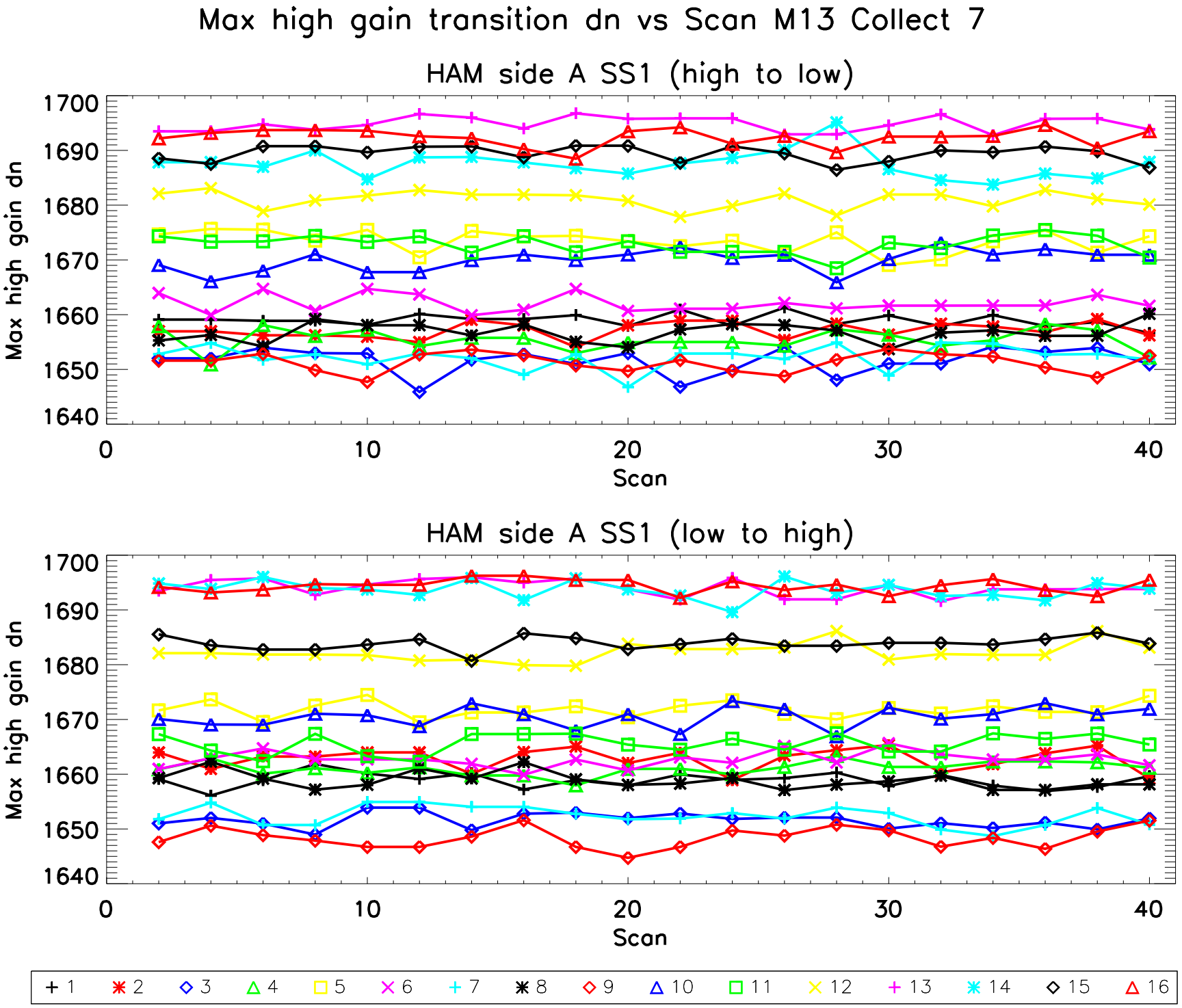
Max high gain transition dn vs Scan M13 Collect 7
HAM side A SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
4
5
6
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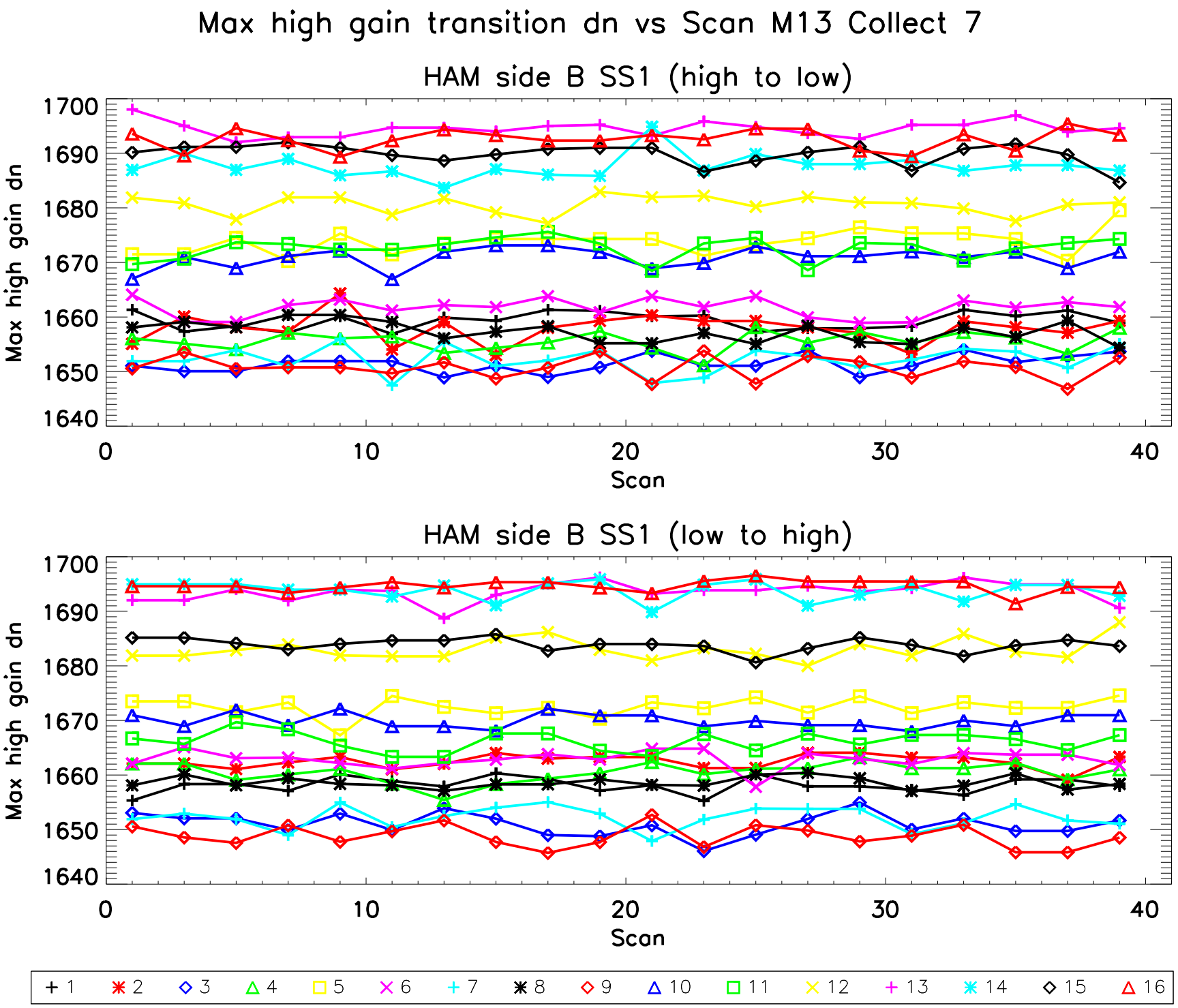
10
11
12
13
14
15
16


Max high gain transition dn vs Scan M13 Collect 7
HAM side B SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
4
5
6
7
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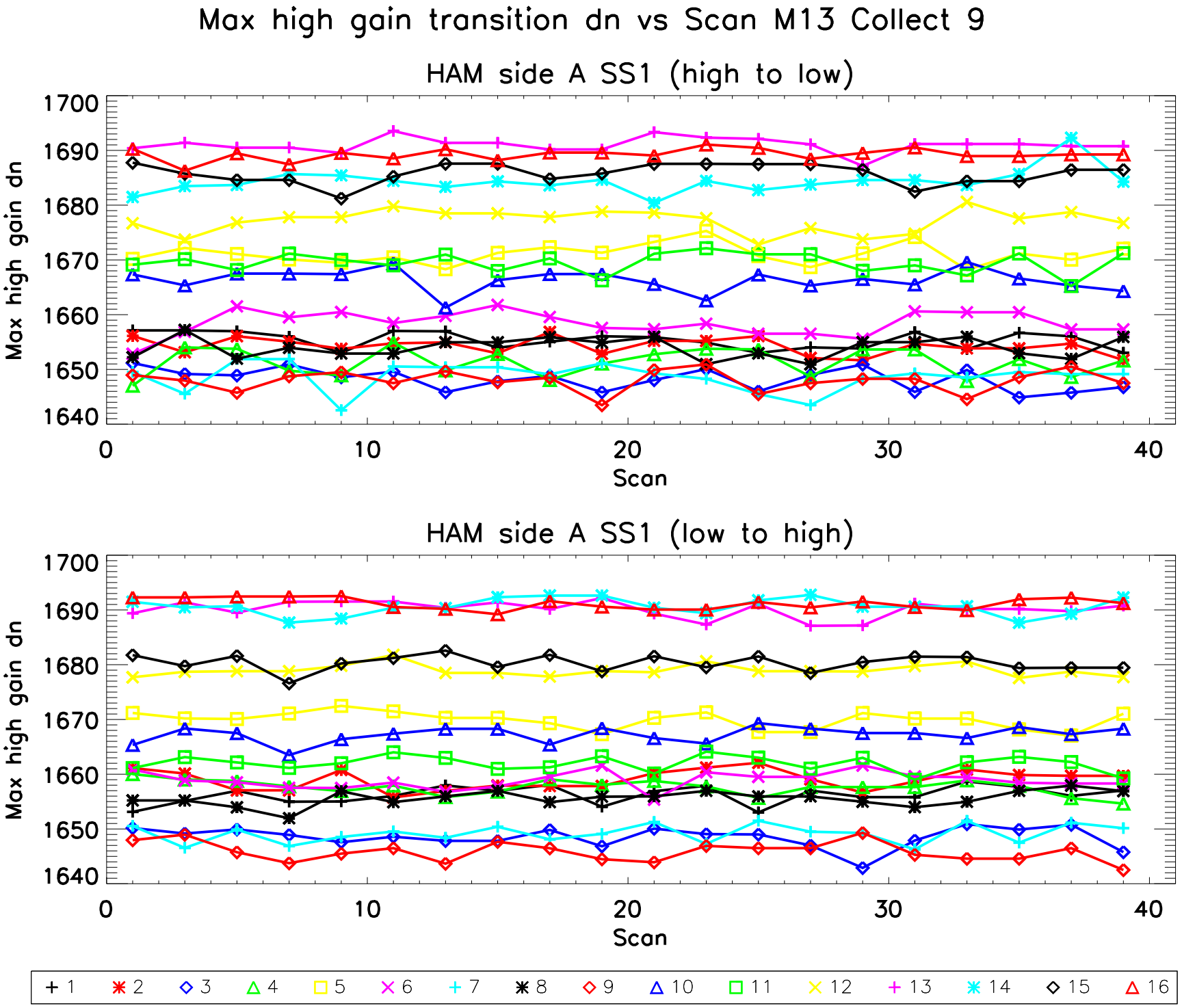
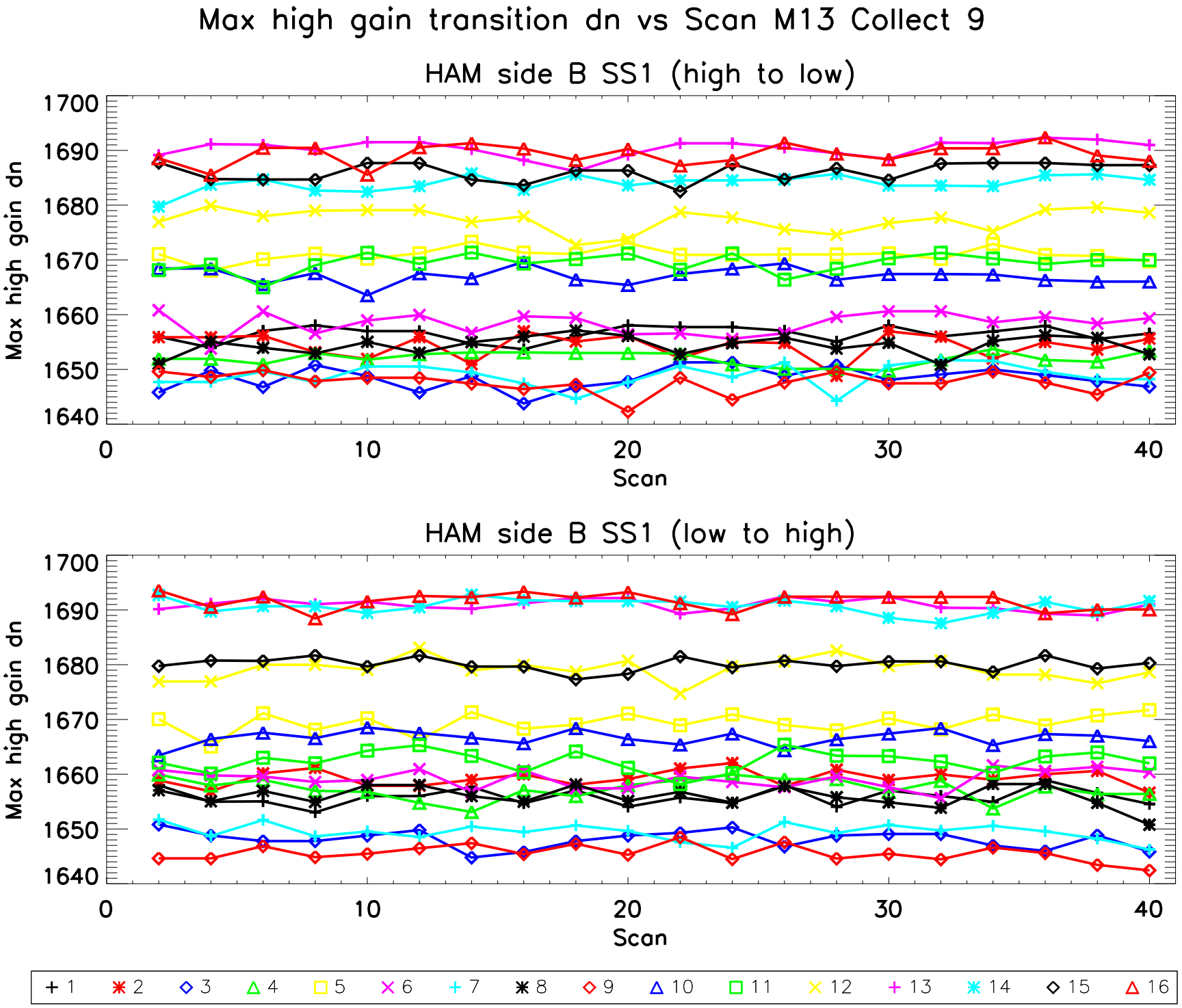
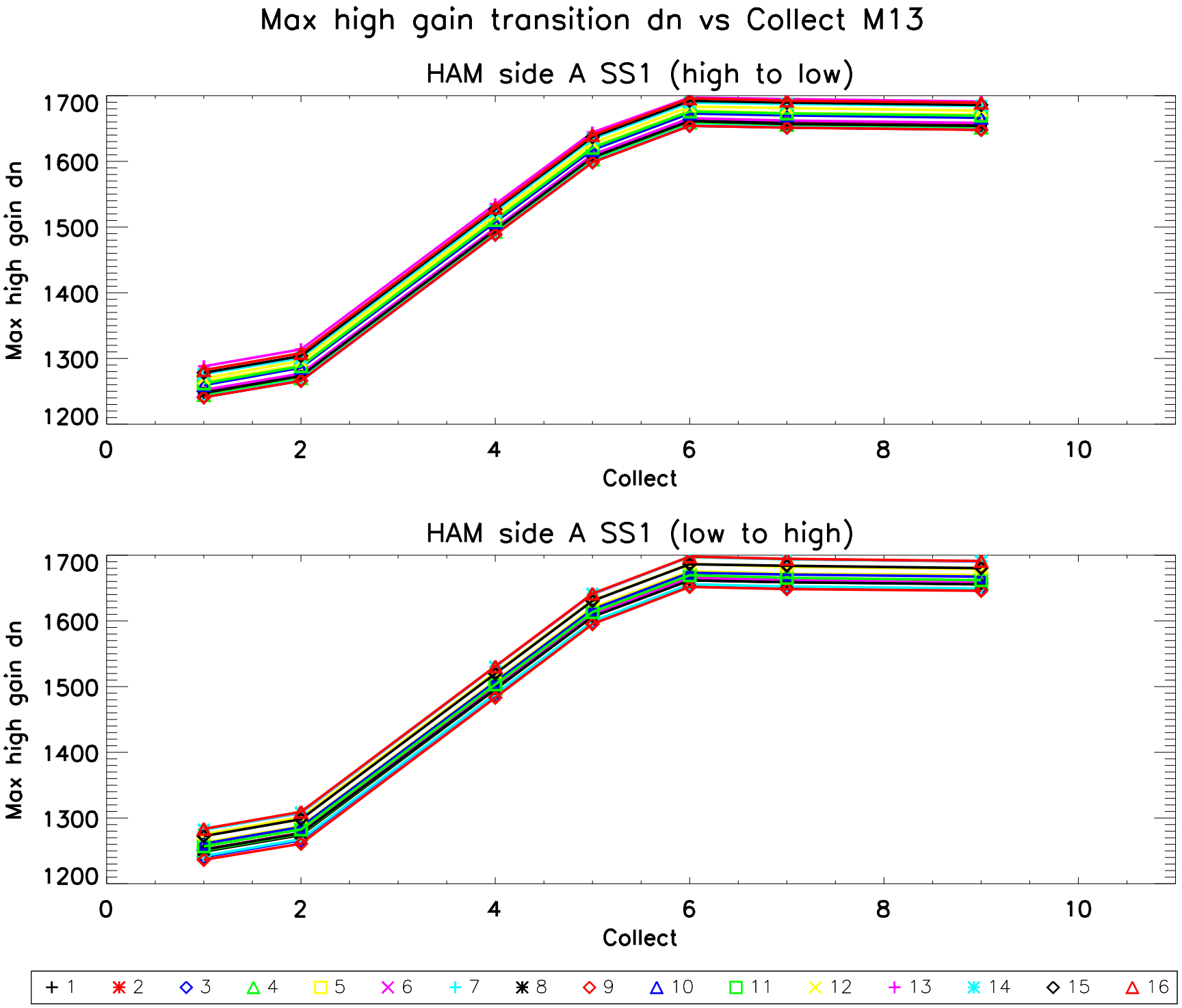
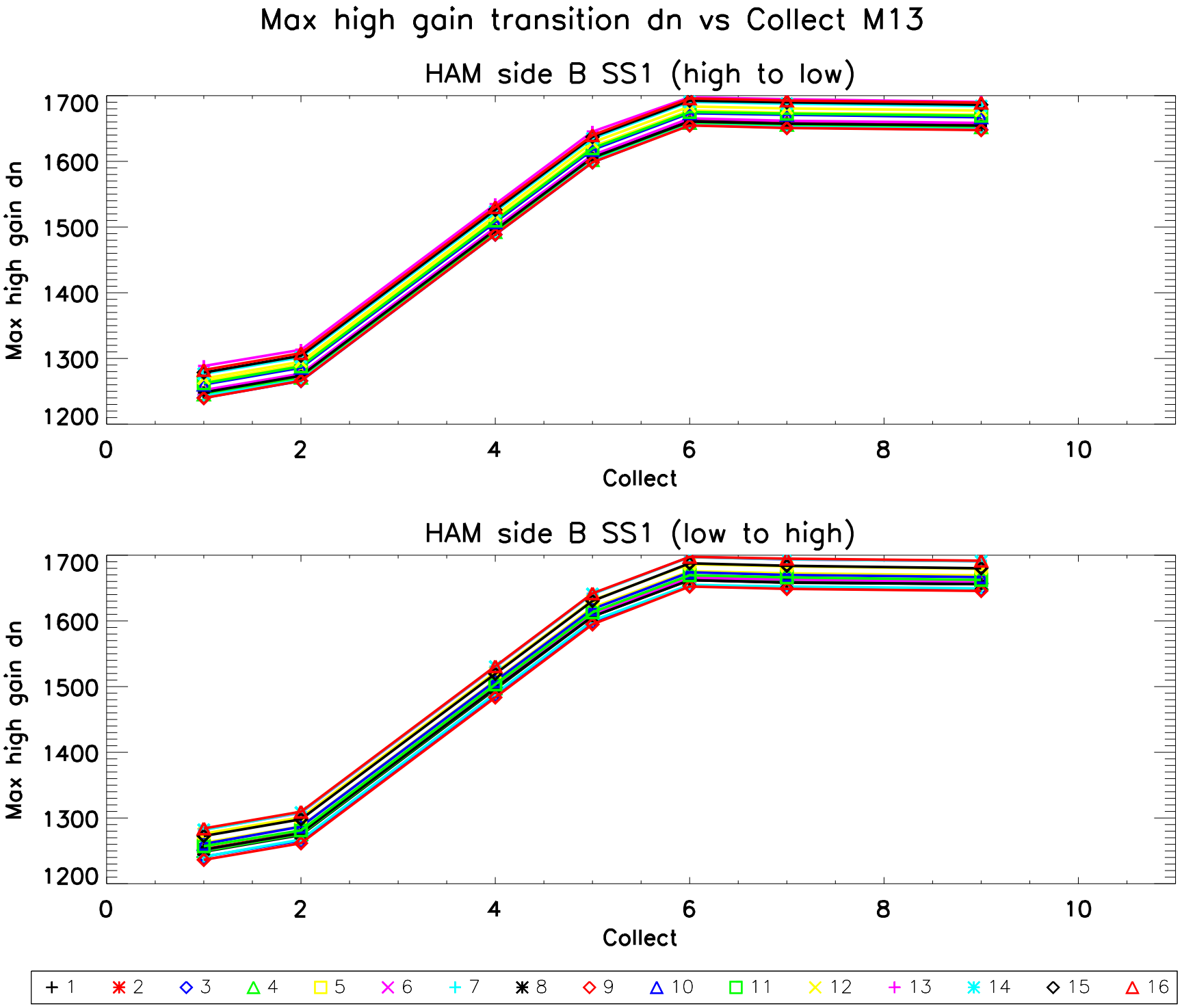
10
11
12
13
14
15
16


Max high gain transition dn vs Scan M13 Collect 9
HAM side A SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
HAM side A SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain transition dn vs Scan M13 Collect 9
HAM side B SS1 (high to low)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
HAM side B SS1 (low to high)
Max high gain dn
1700
1690
1680
1670
1660
1650
1640
0
10
20
30
40
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain transition dn vs Collect M13
HAM side A SS1 (high to low)
Max high gain dn
1700
1600
1500
1400
1300
1200
0
2
4
6
8
10
Collect
HAM side A SS1 (low to high)
Max high gain dn
1700
1600
1500
1400
1300
1200
0
2
4
6
8
10
Collect
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Max high gain transition dn vs Collect M13
HAM side B SS1 (high to low)
Max high gain dn
1700
1600
1500
1400
1300
1200
0
2
4
6
8
10
Collect
HAM side B SS1 (low to high)
Max high gain dn
1700
1600
1500
1400
1300
1200
0
2
4
6
8
10
Collect
1
2
3
4
5
6
7
8
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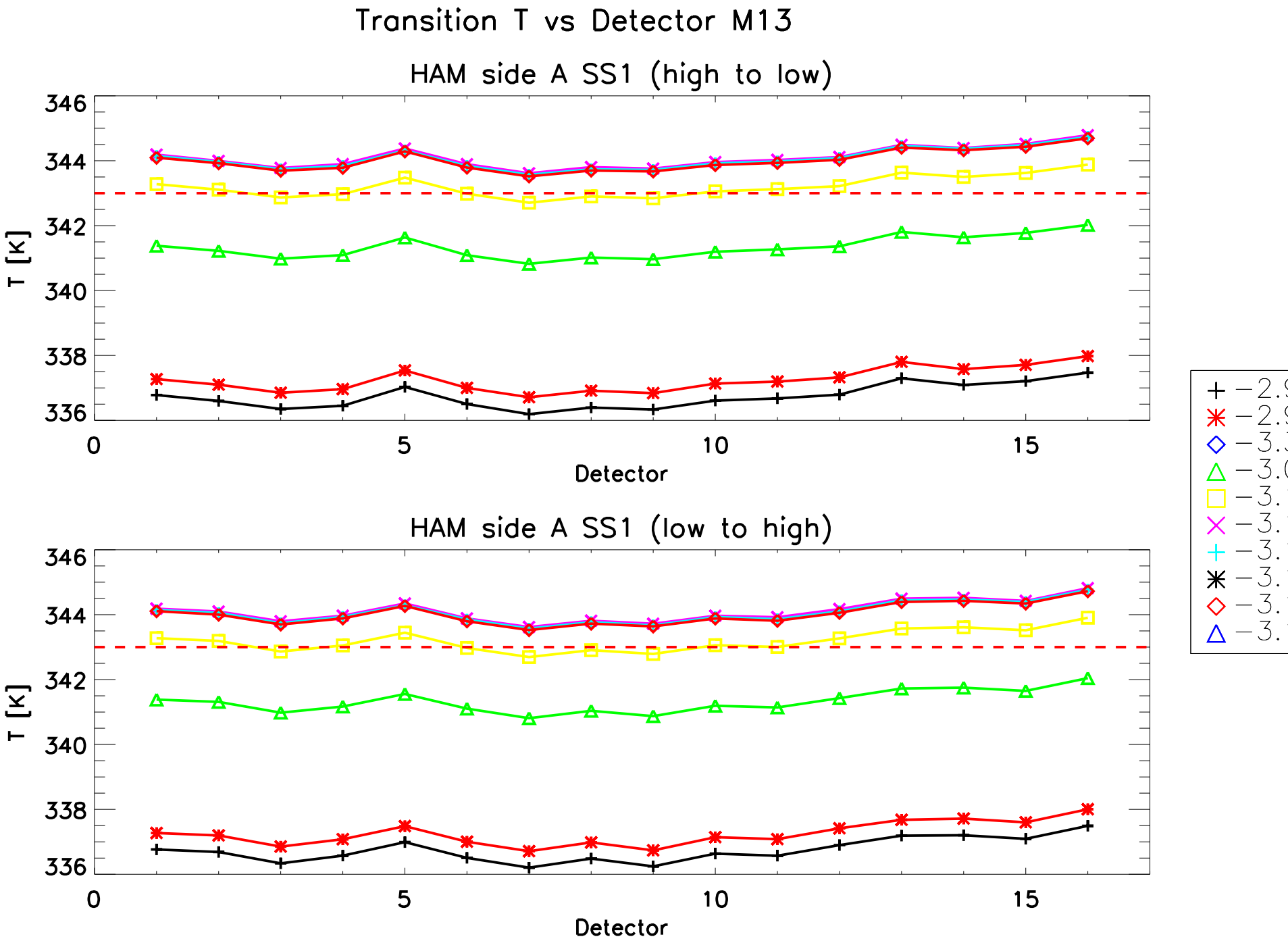
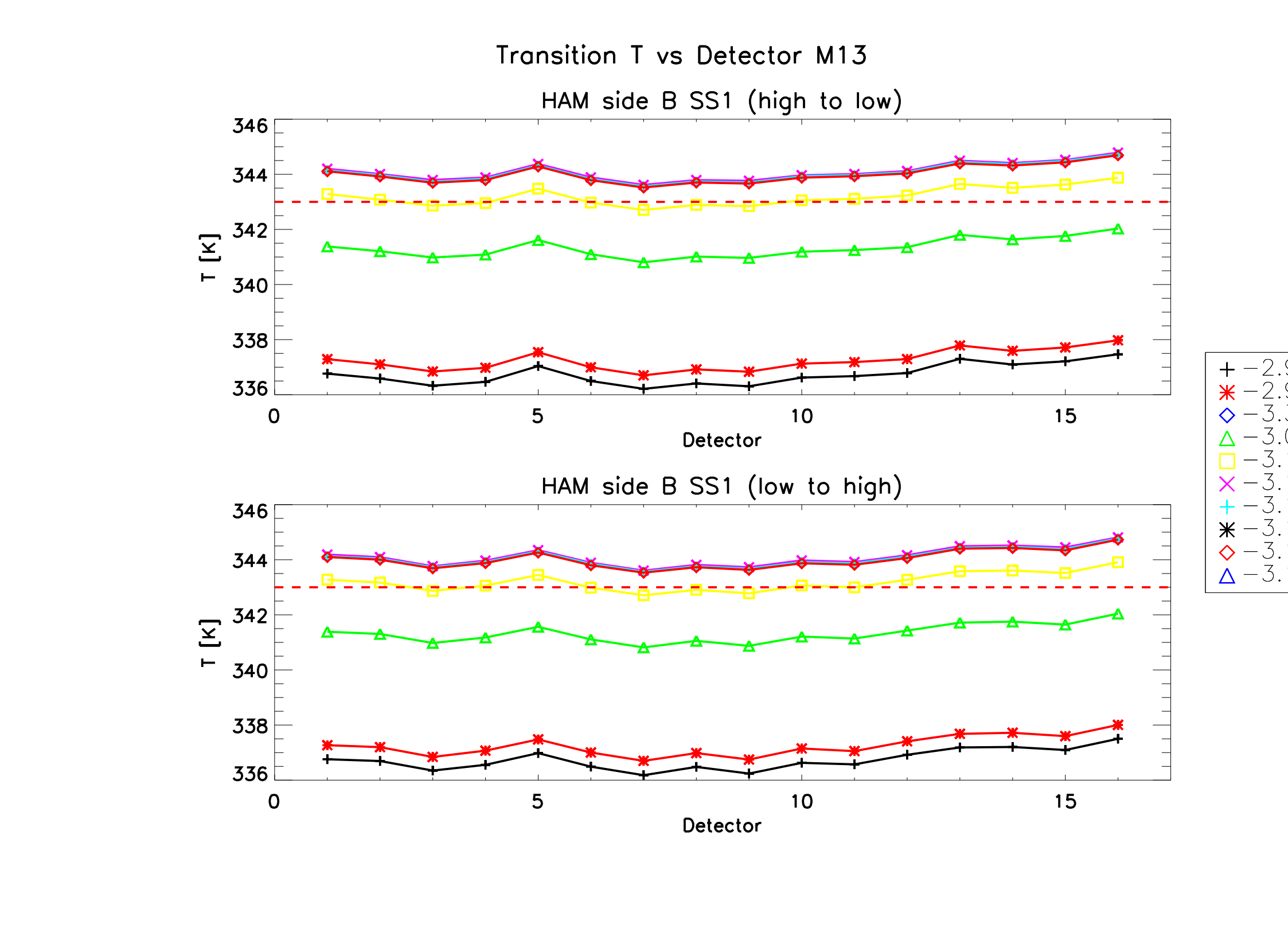
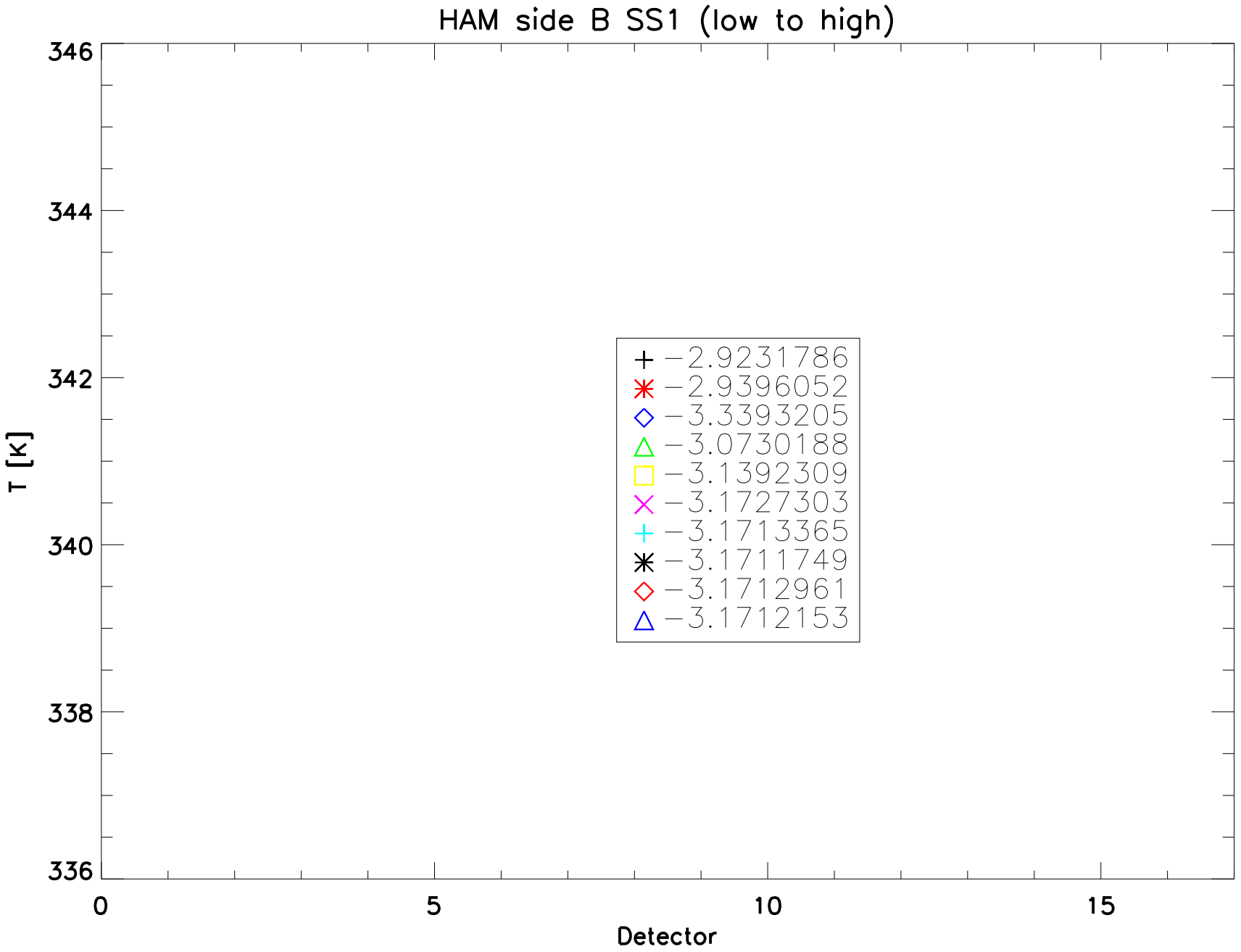
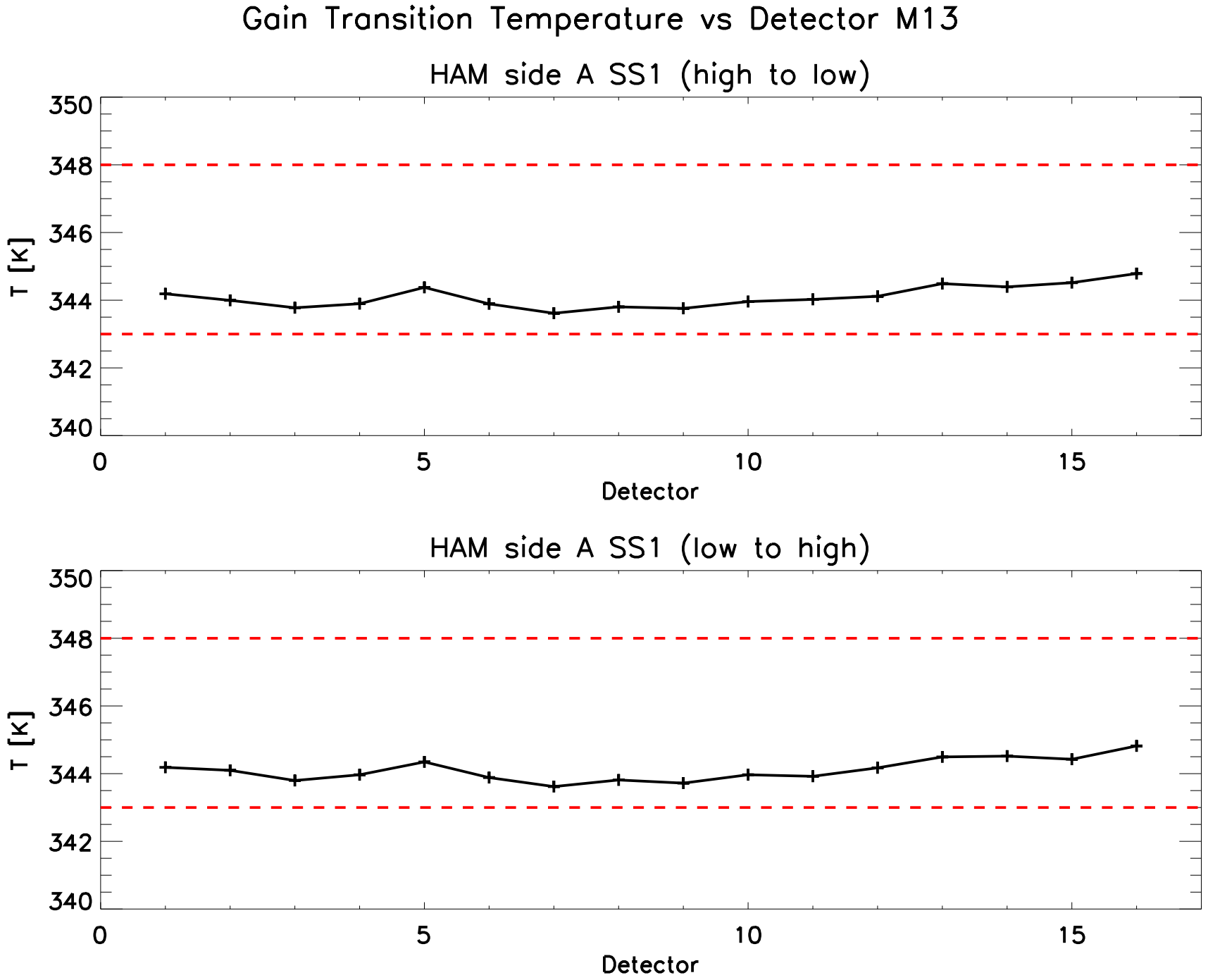
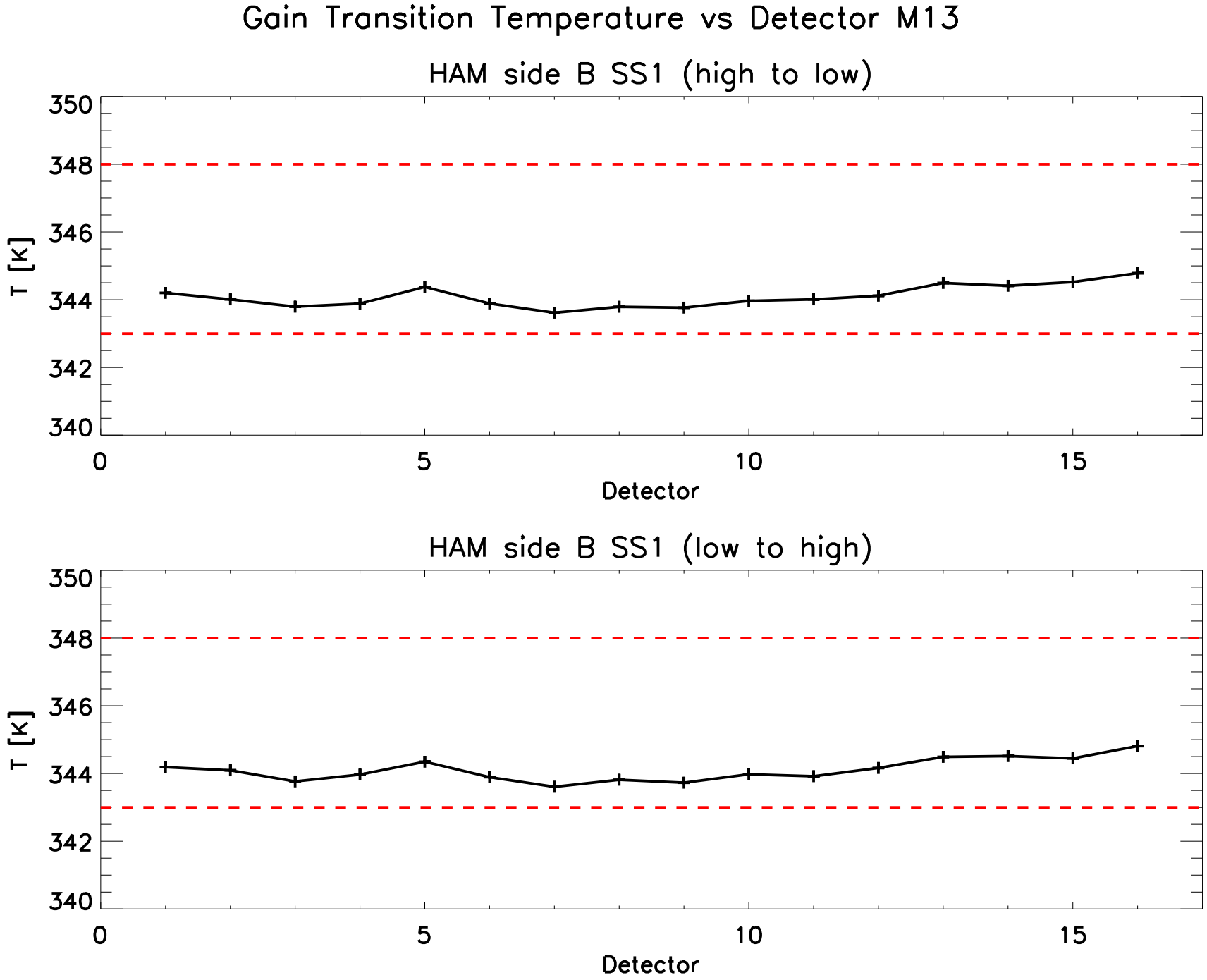
11
12
13
14
15
16


Transition T vs Detector M13
HAM side A SS1 (high to low)
T [K]
346
344
342
340
338
336
0
5
10
15
Detector
HAM side A SS1 (low to high)
T [K]
346
344
342
340
338
336
0
5
10
15
Detector


Transition T vs Detector M13
HAM side B SS1 (high to low)
T [K]
346
344
342
340
338
336
0
5
10
15
Detector
HAM side B SS1 (low to high)
T [K]
346
344
342
340
338
336
0
5
10
15
Detector


HAM side B SS1 (low to high)
346
344
342
340
338
336
T [K]
0
5
10
15
Detector
−2.9231786
−2.9396052
−3.3393205
−3.0730188
−3.1392309
−3.1727303
−3.1713365
−3.1711749
−3.1712961
−3.1712153


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


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