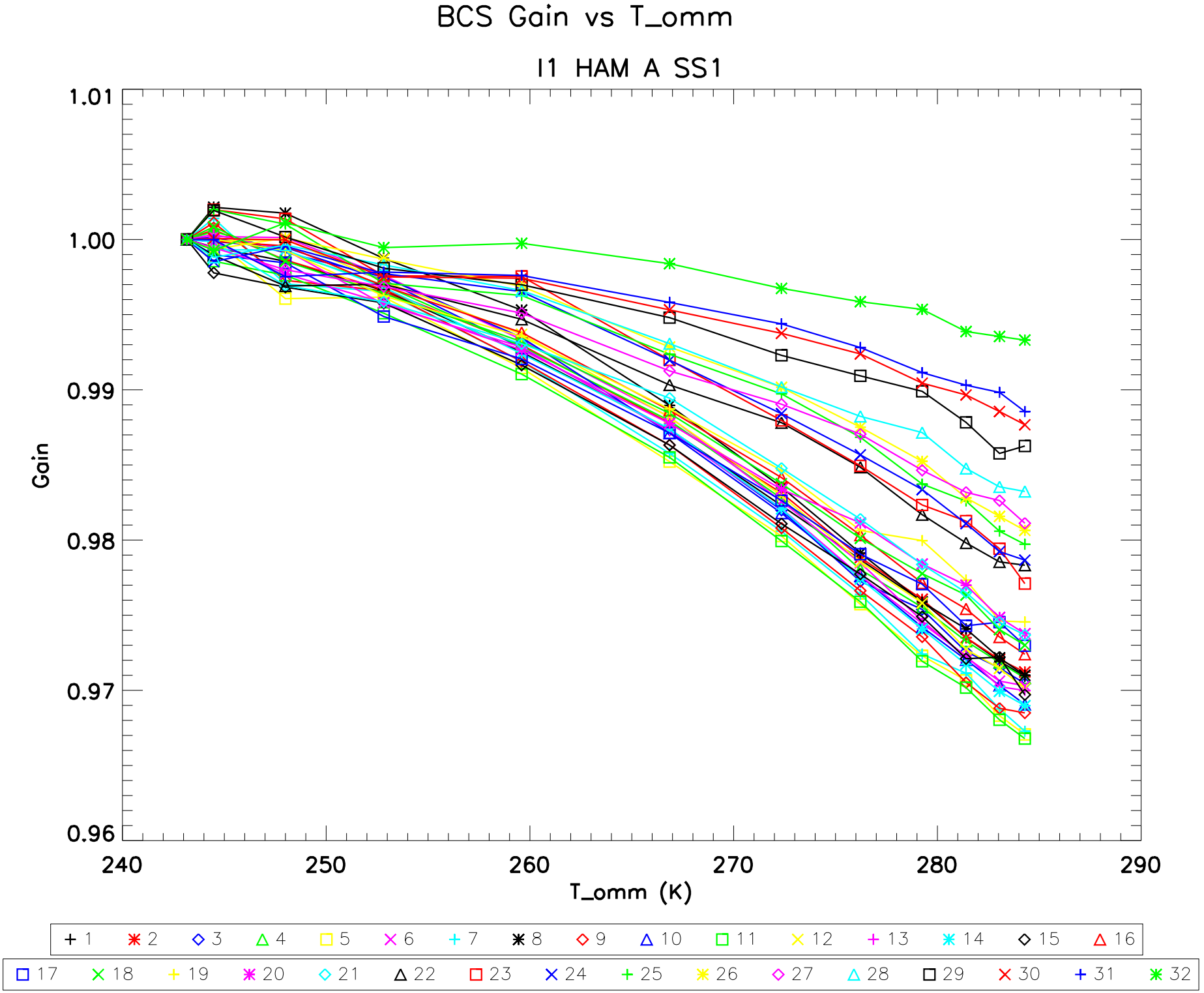
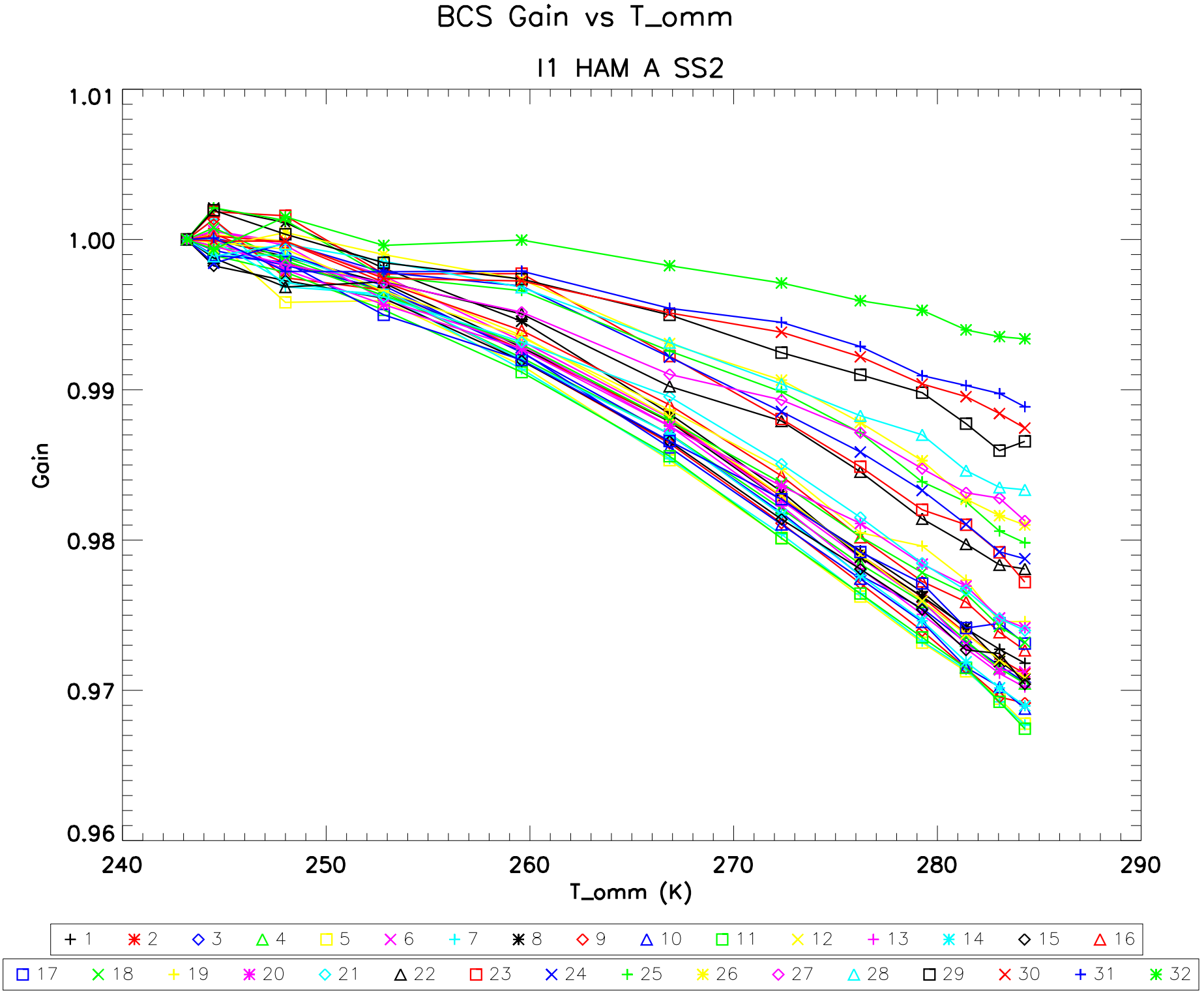
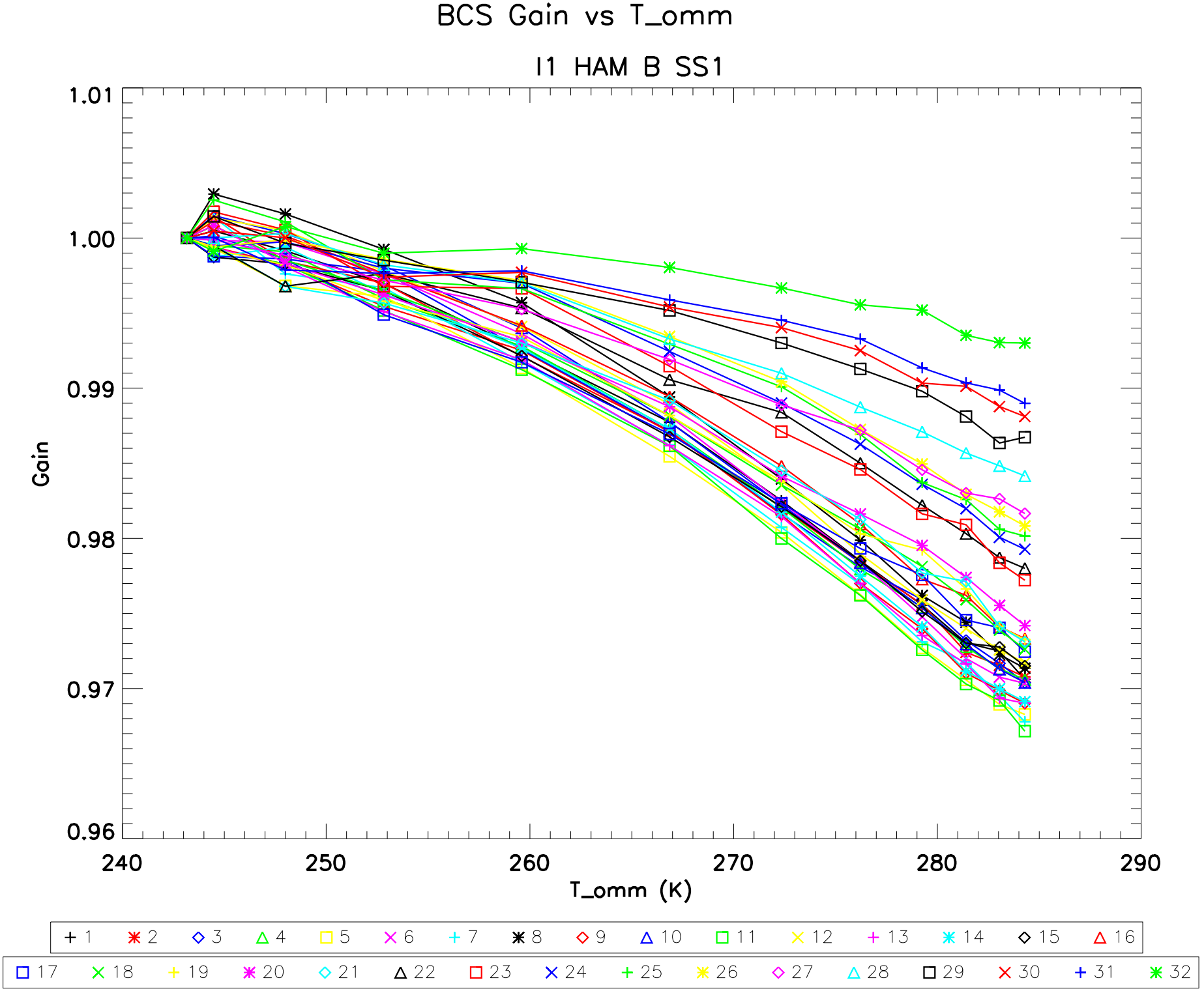
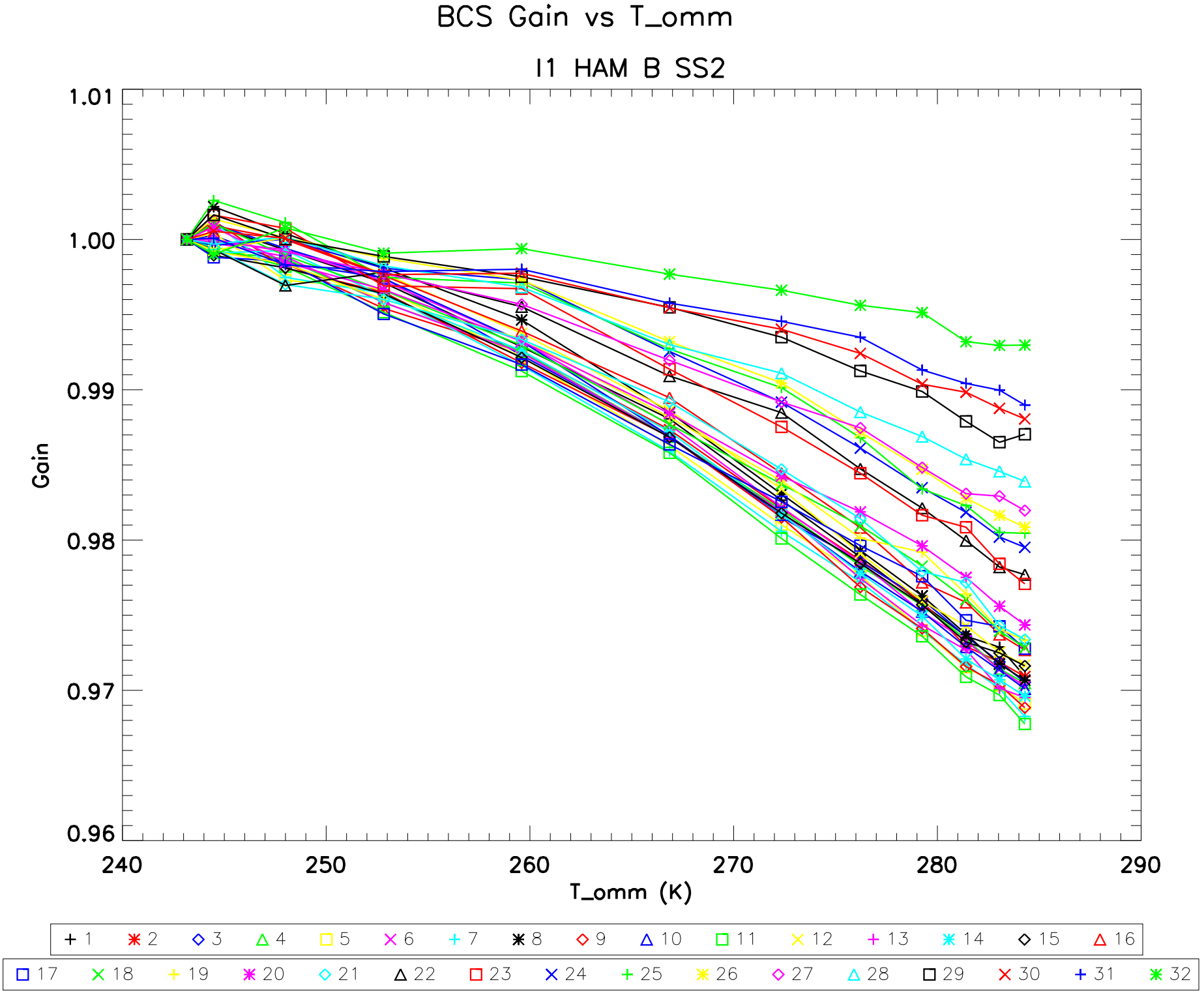
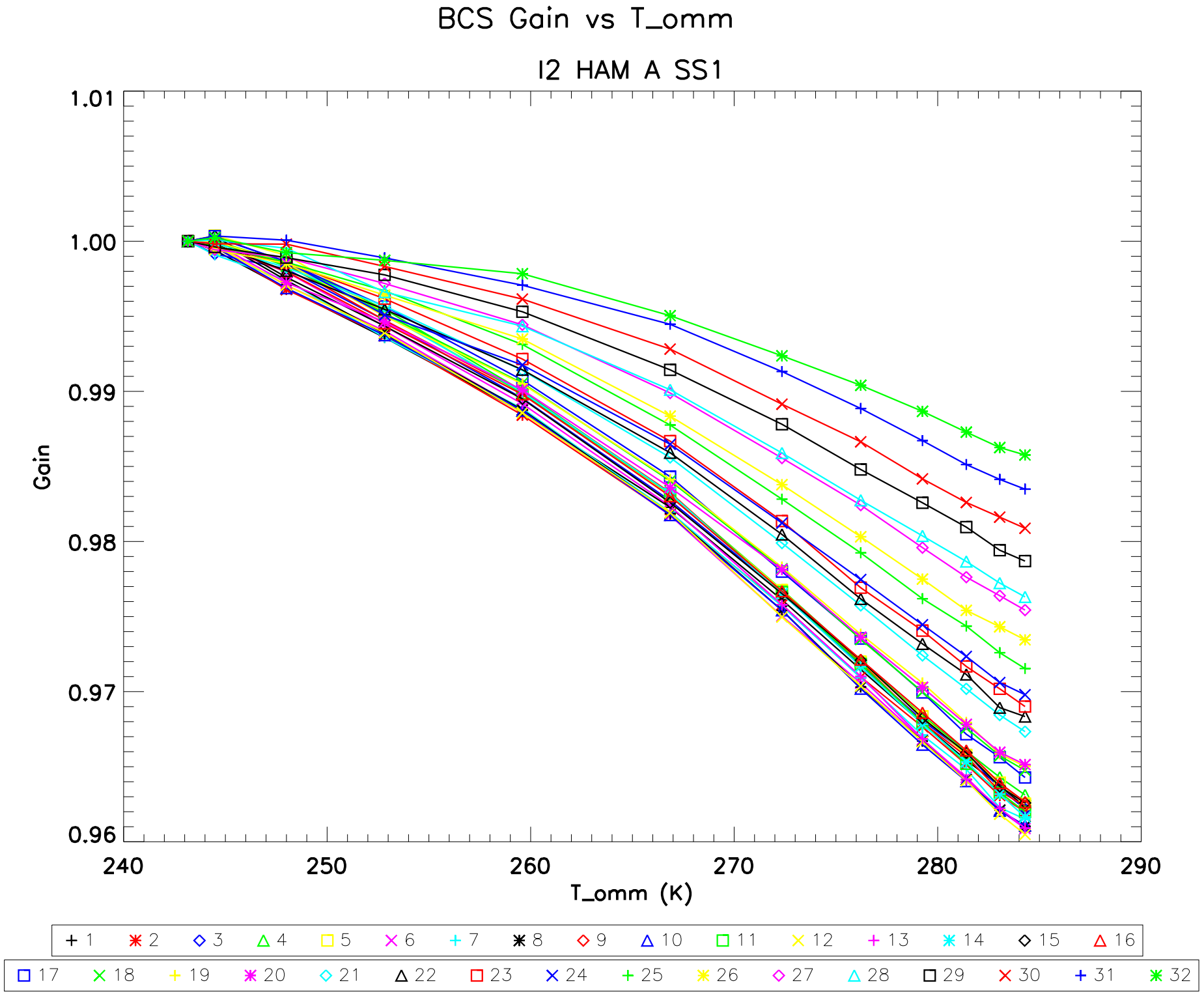
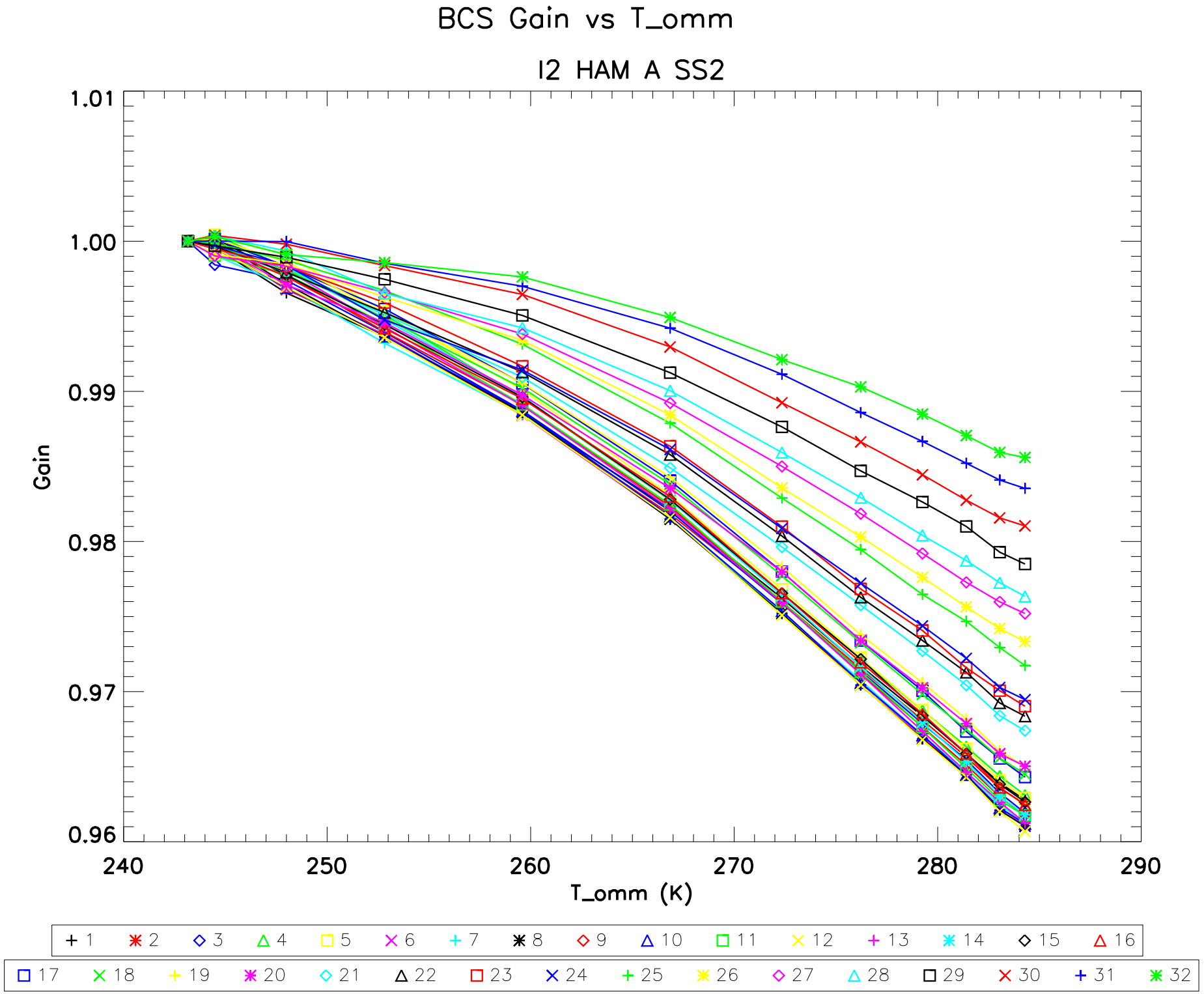

BCS Gain vs T_omm
I1 HAM A SS1
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

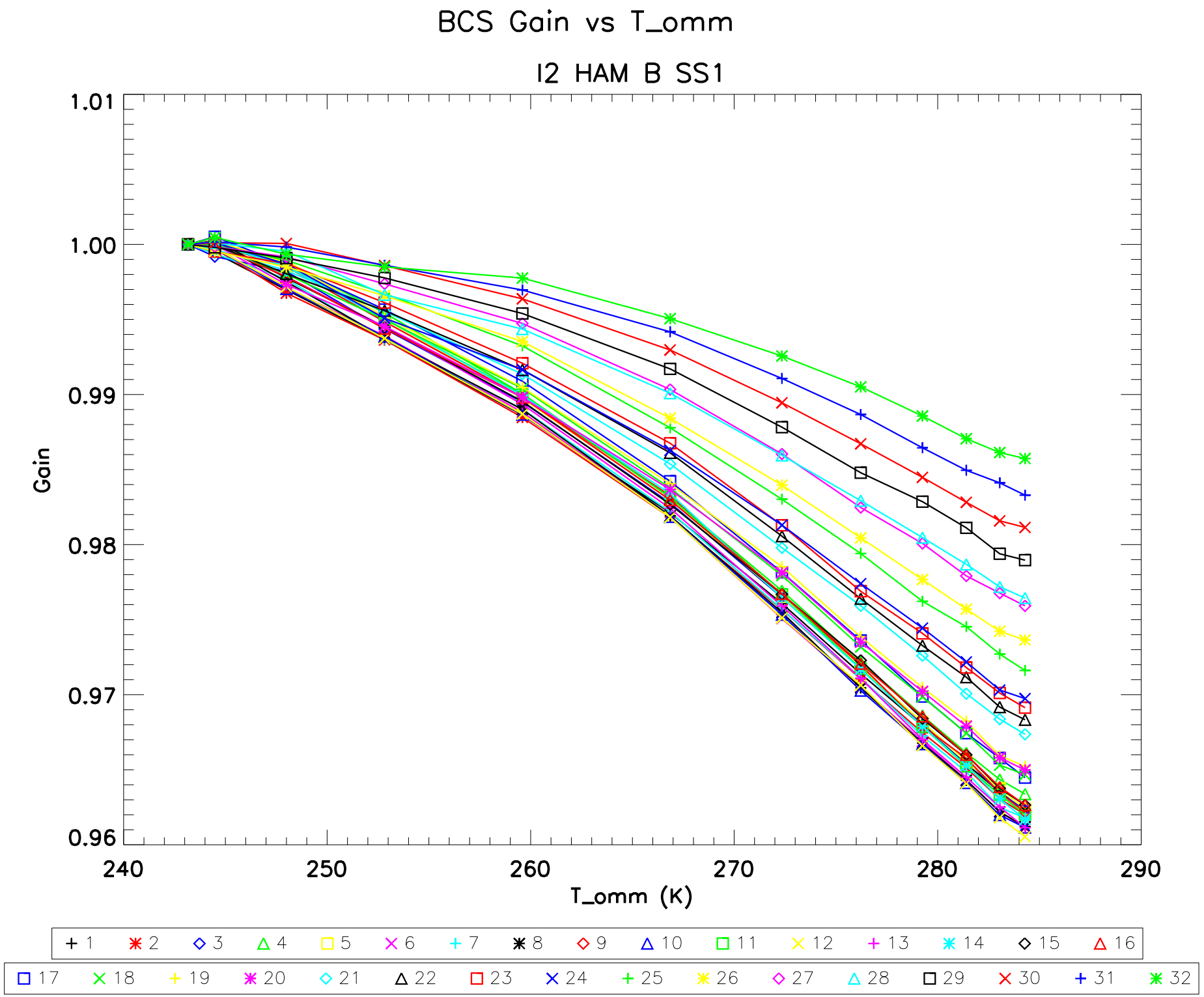

BCS Gain vs T_omm
I1 HAM A SS2
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

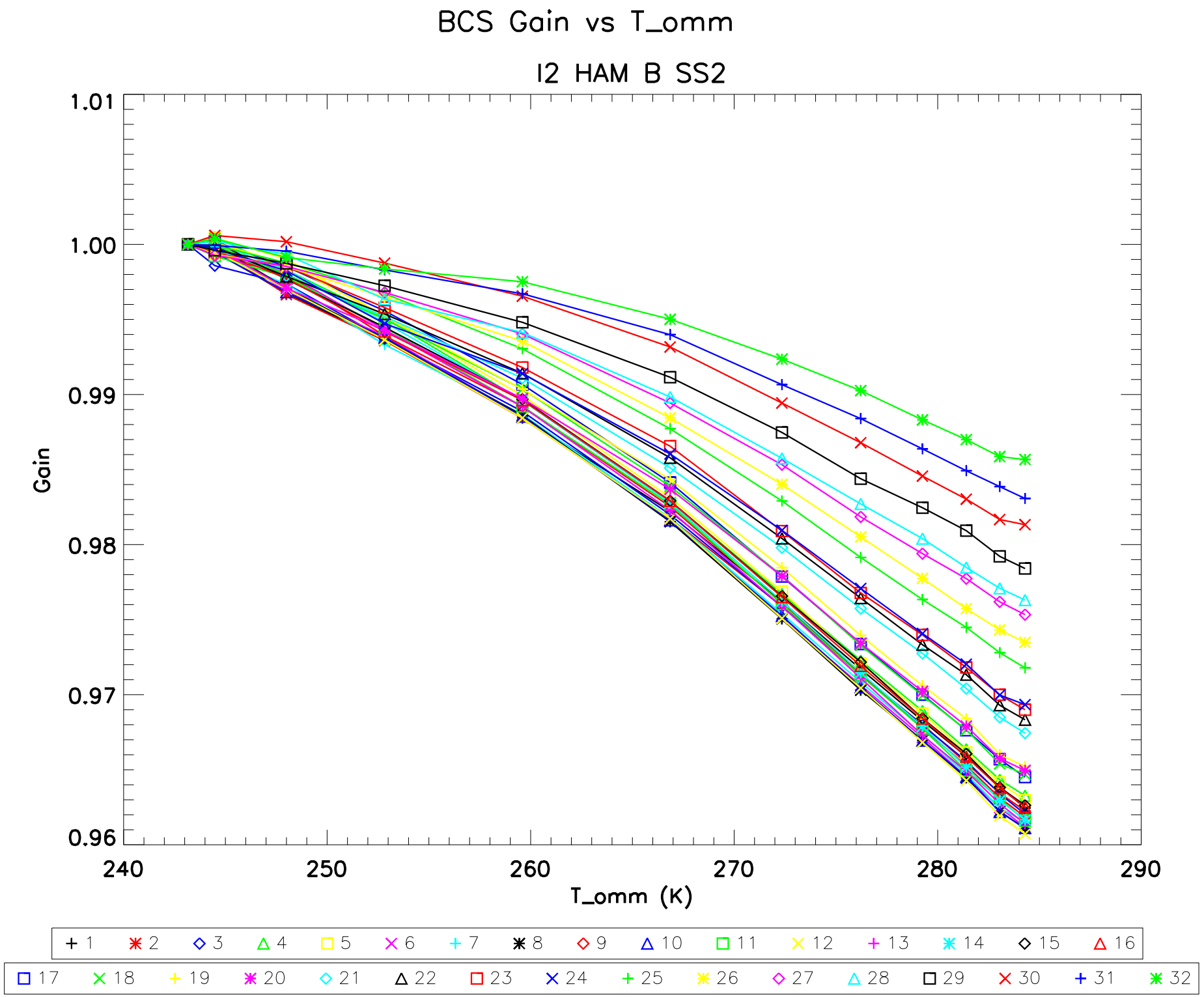

BCS Gain vs T_omm
I1 HAM B SS1
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

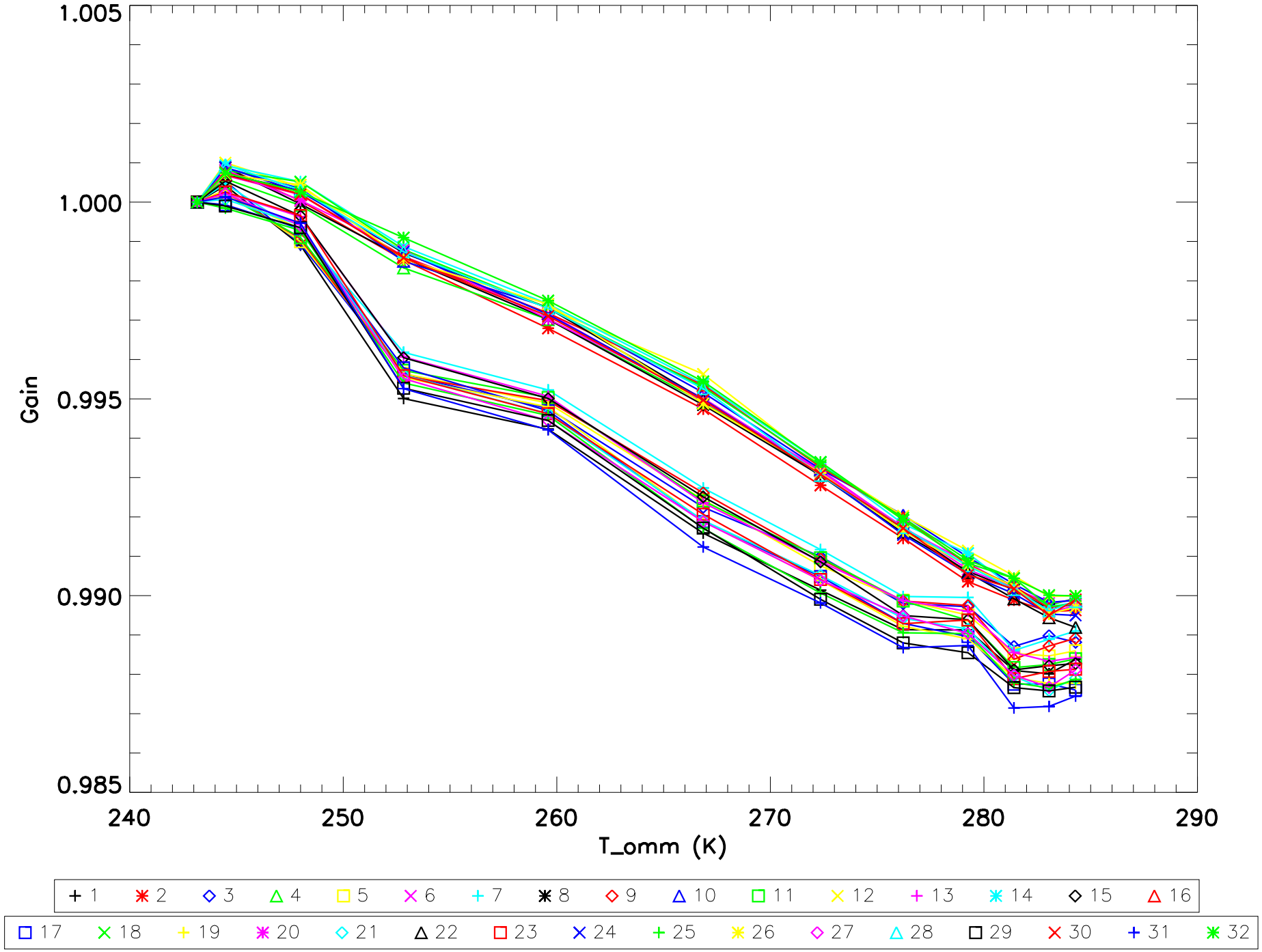

BCS Gain vs T_omm
I1 HAM B SS2
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

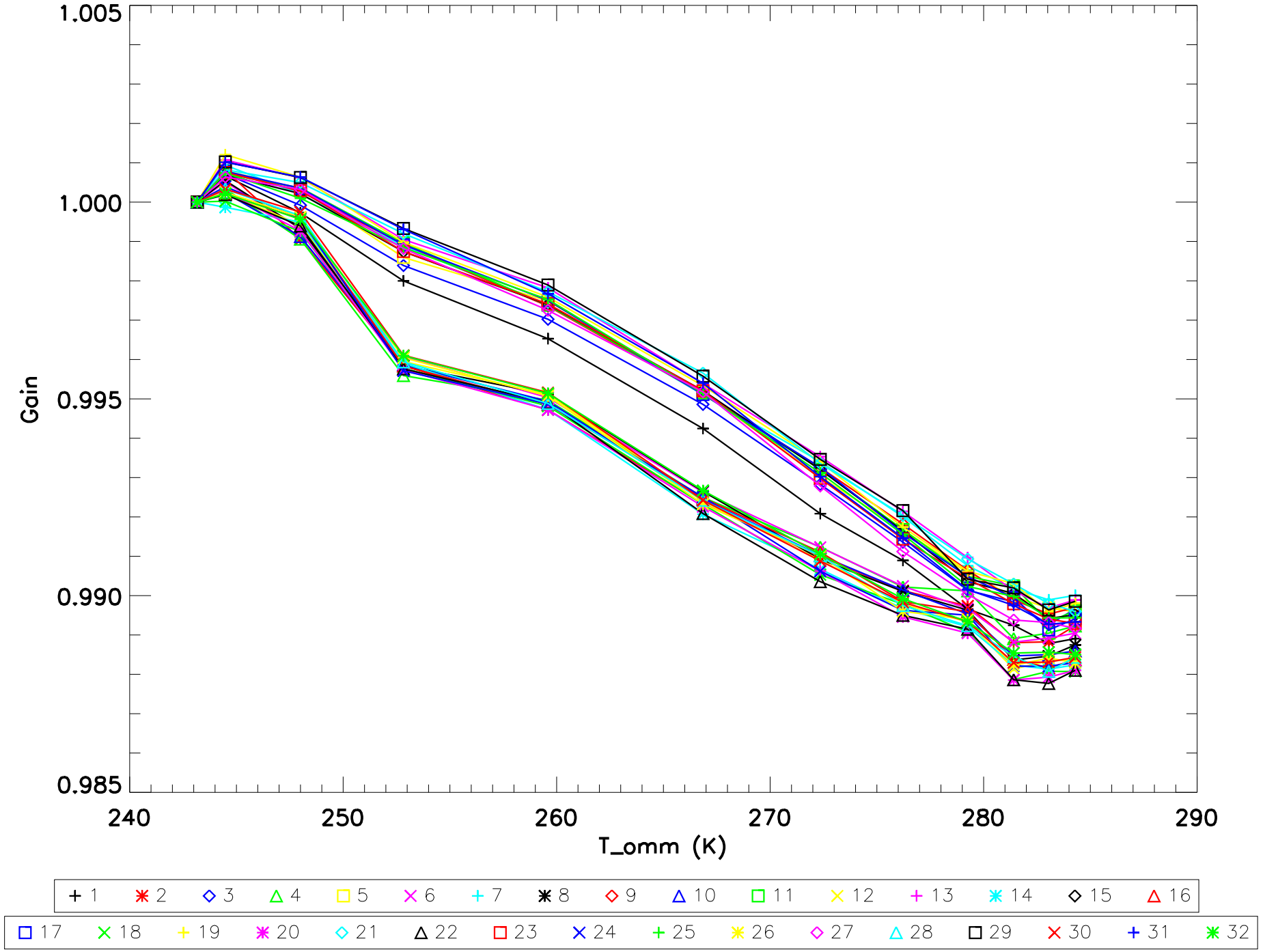

BCS Gain vs T_omm
I2 HAM A SS1
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

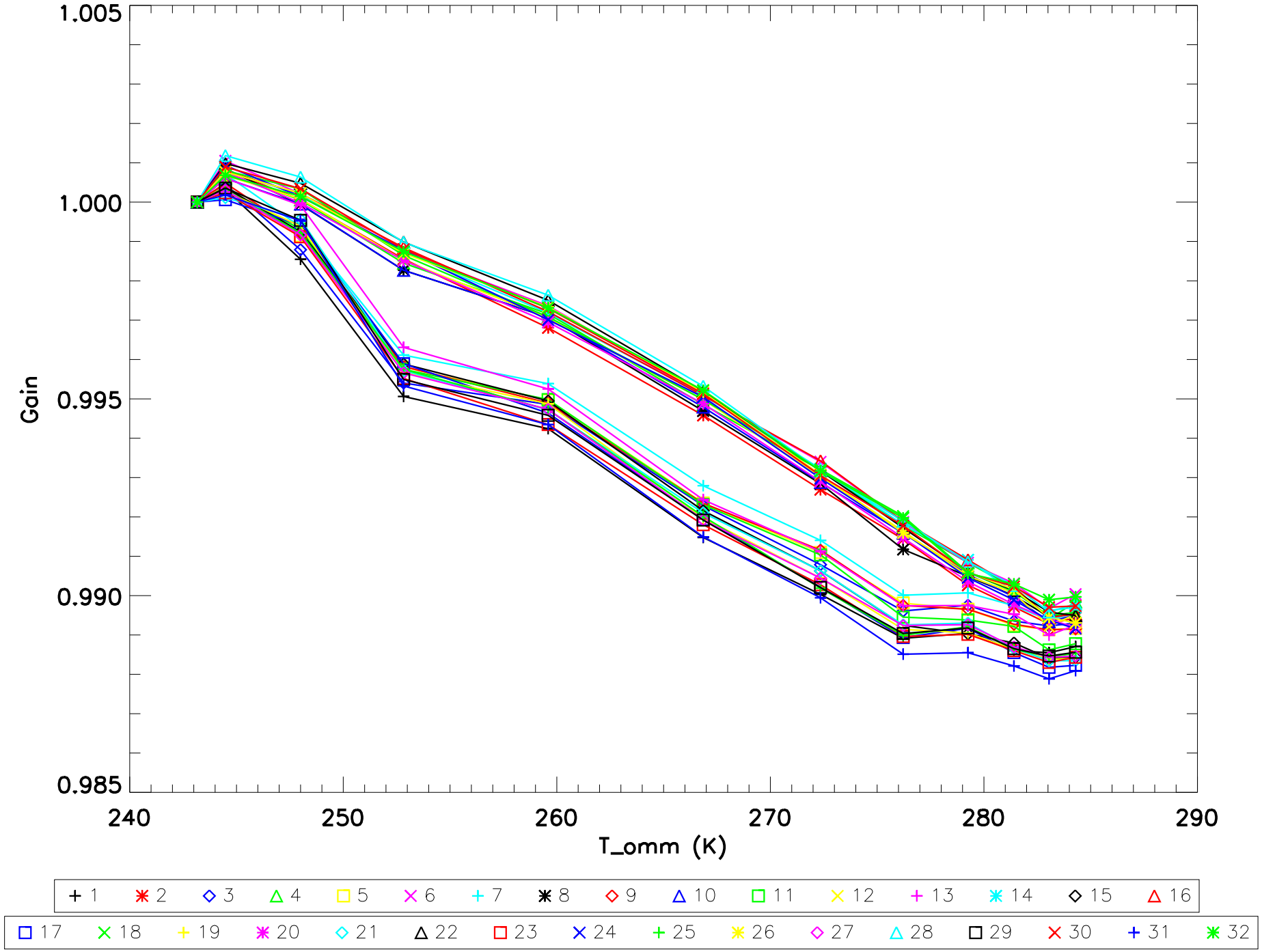

BCS Gain vs T_omm
I2 HAM A SS2
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

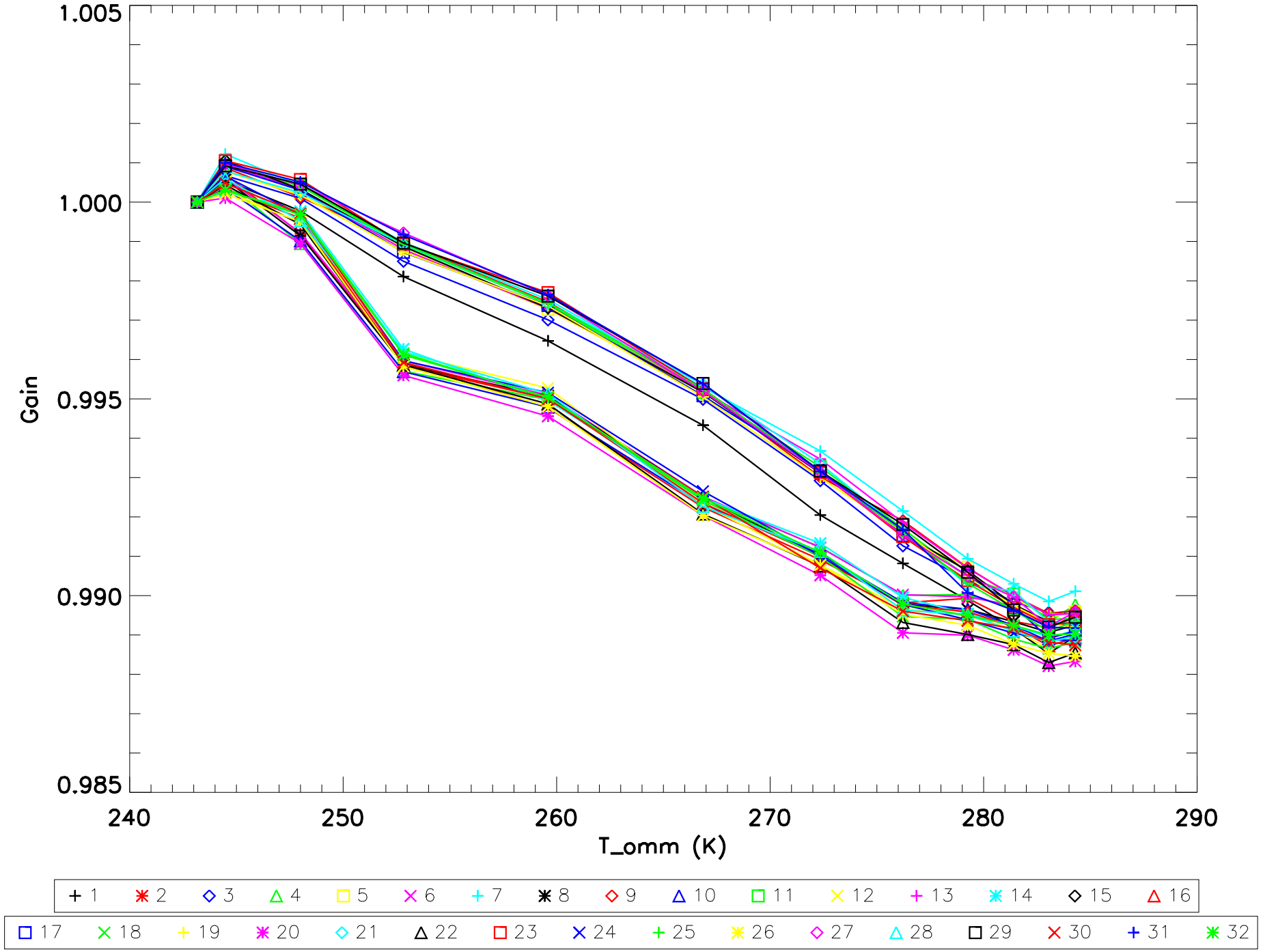

BCS Gain vs T_omm
I2 HAM B SS1
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

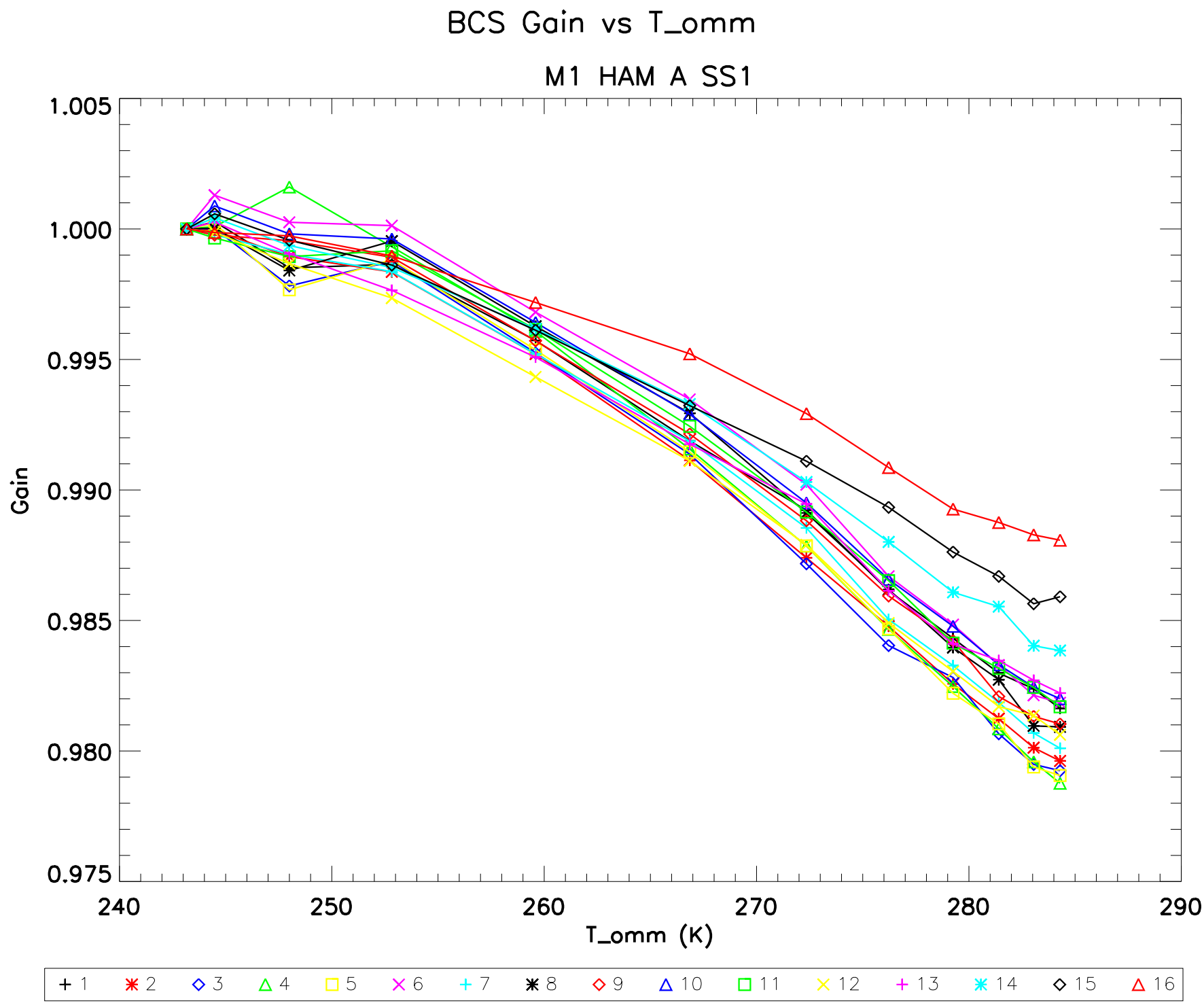

BCS Gain vs T_omm
I2 HAM B SS2
1.01
1.00
0.99
0.98
0.97
0.96
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

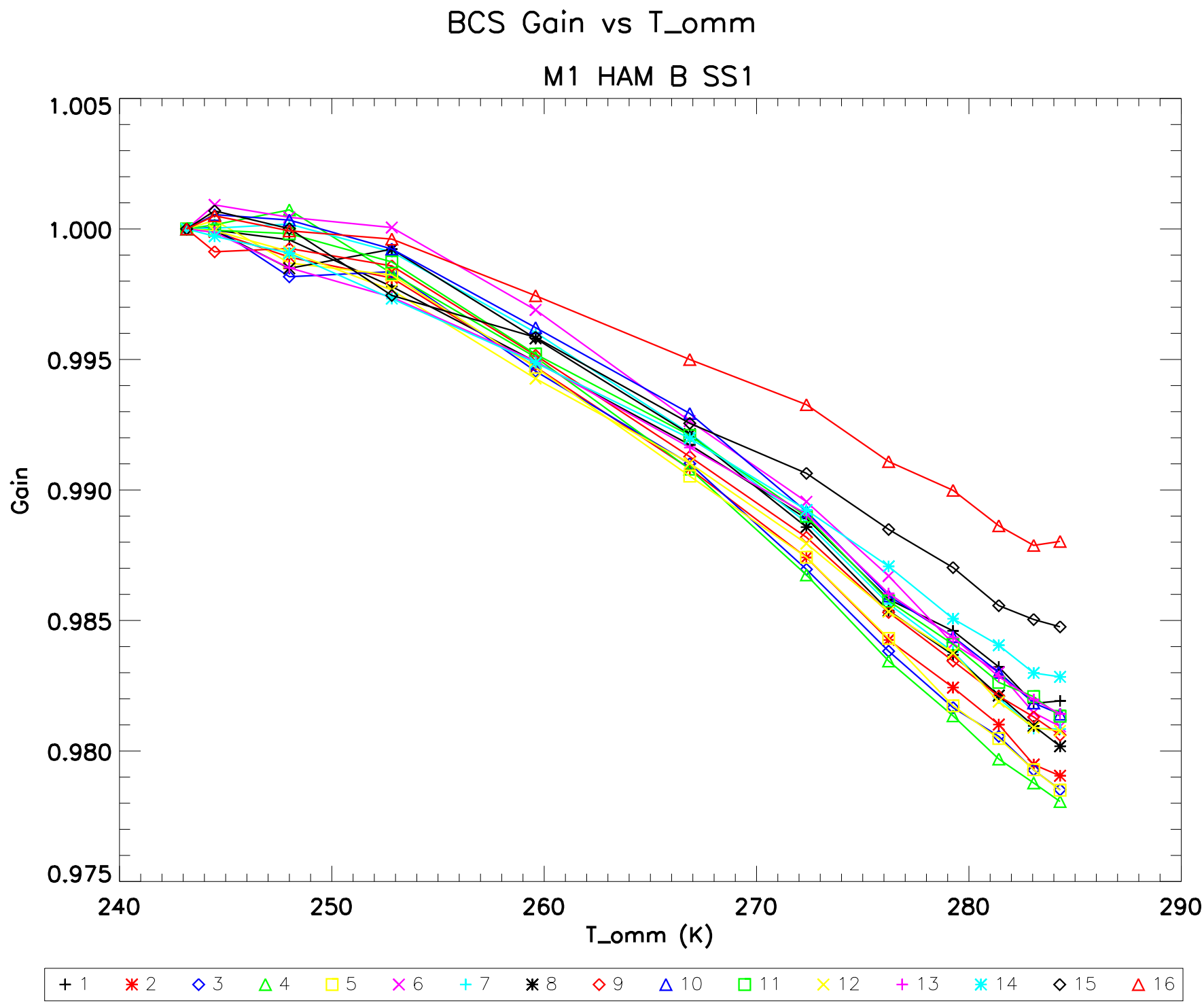

BCS Gain vs T_omm
I3 HAM A SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

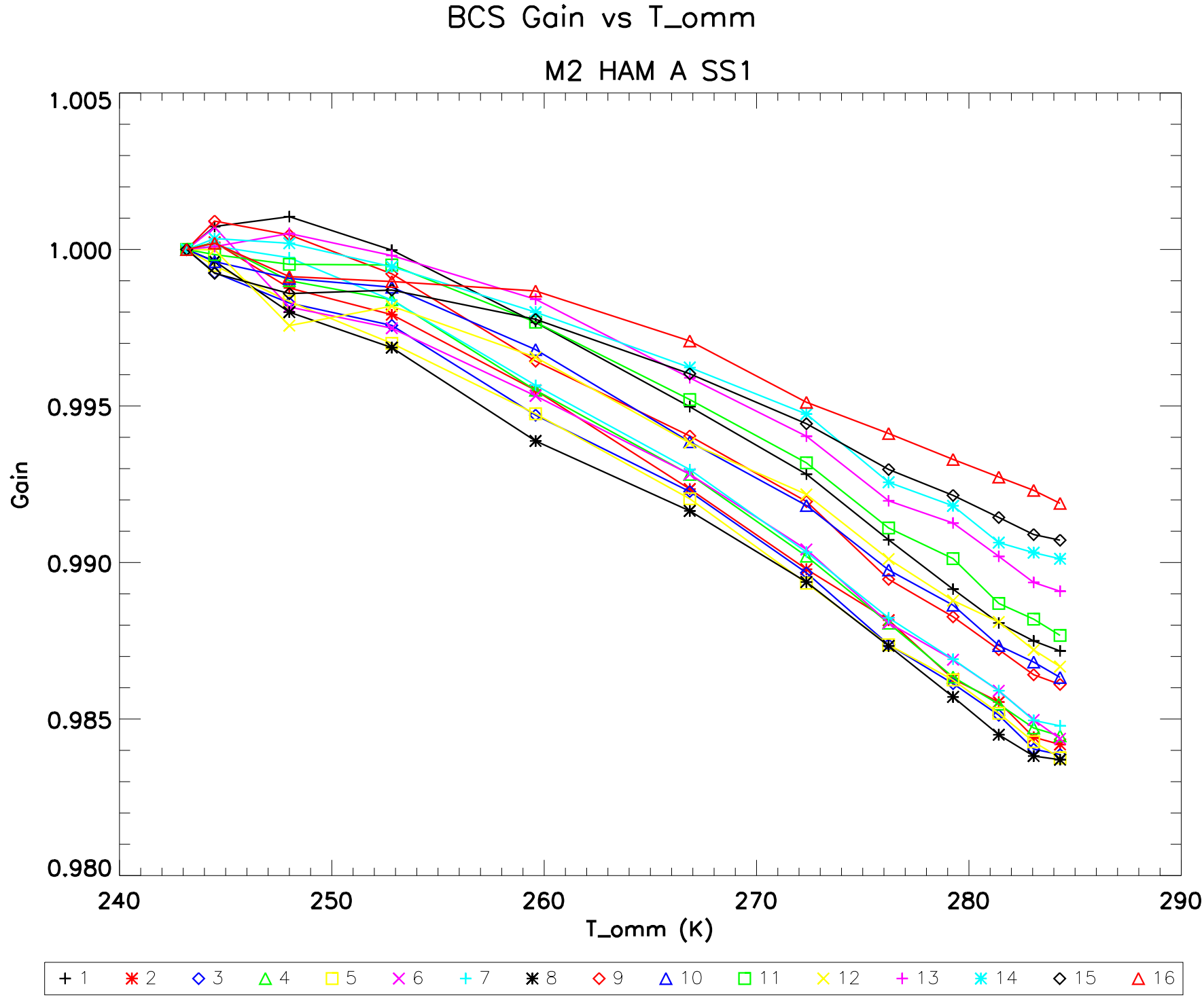

BCS Gain vs T_omm
I3 HAM A SS2
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

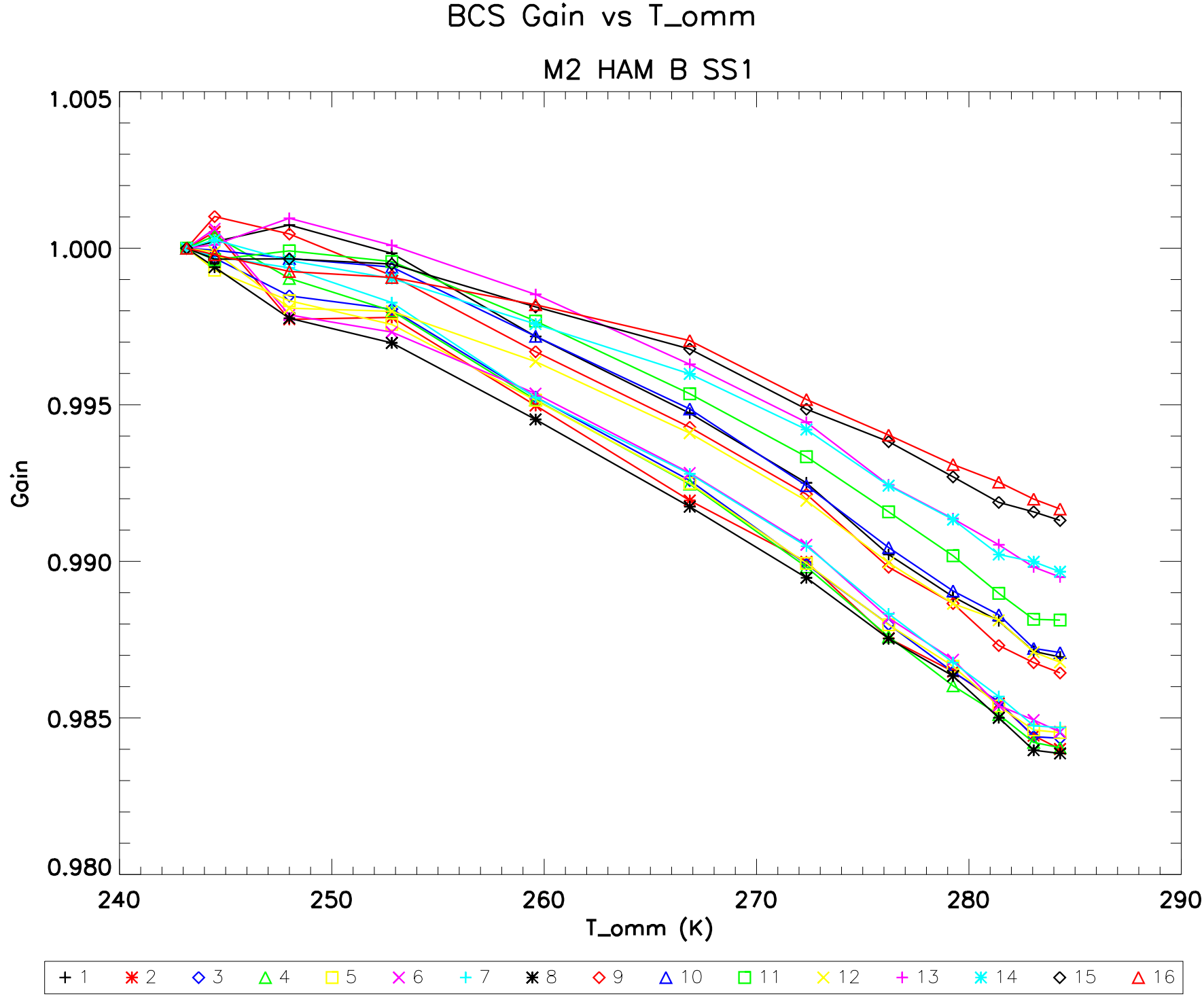

BCS Gain vs T_omm
I3 HAM B SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

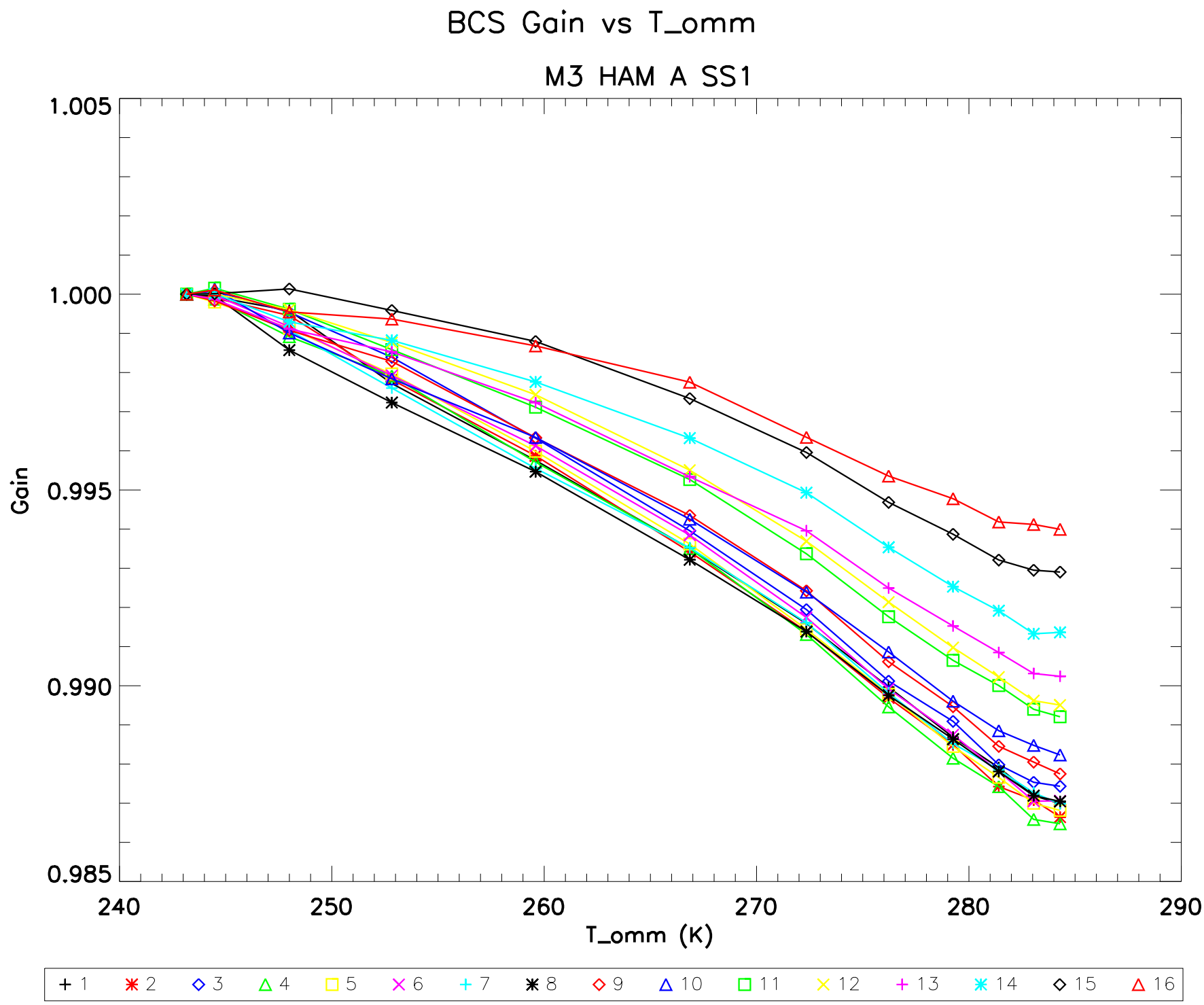

BCS Gain vs T_omm
I3 HAM B SS2
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

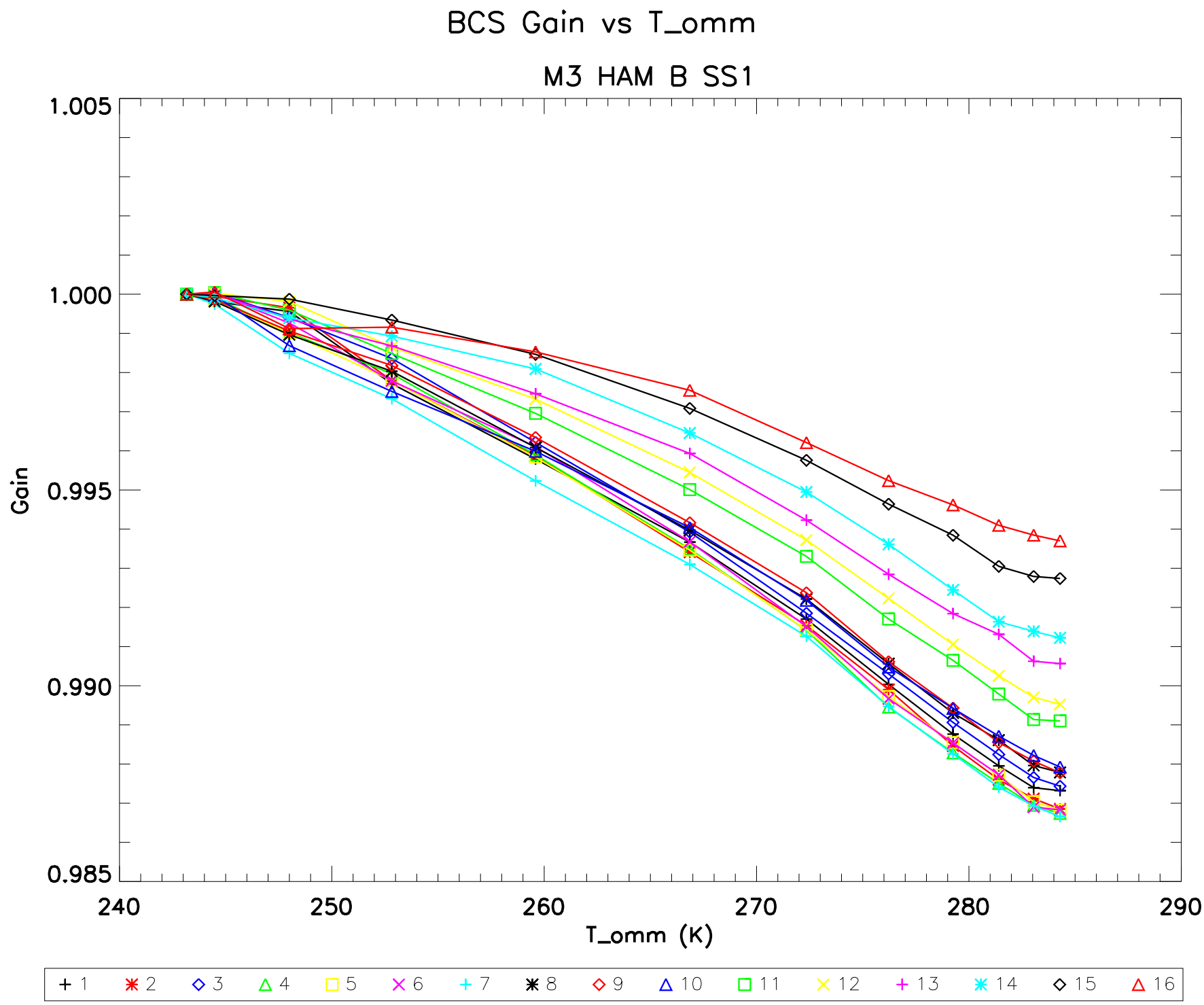

BCS Gain vs T_omm
M1 HAM A SS1
1.005
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

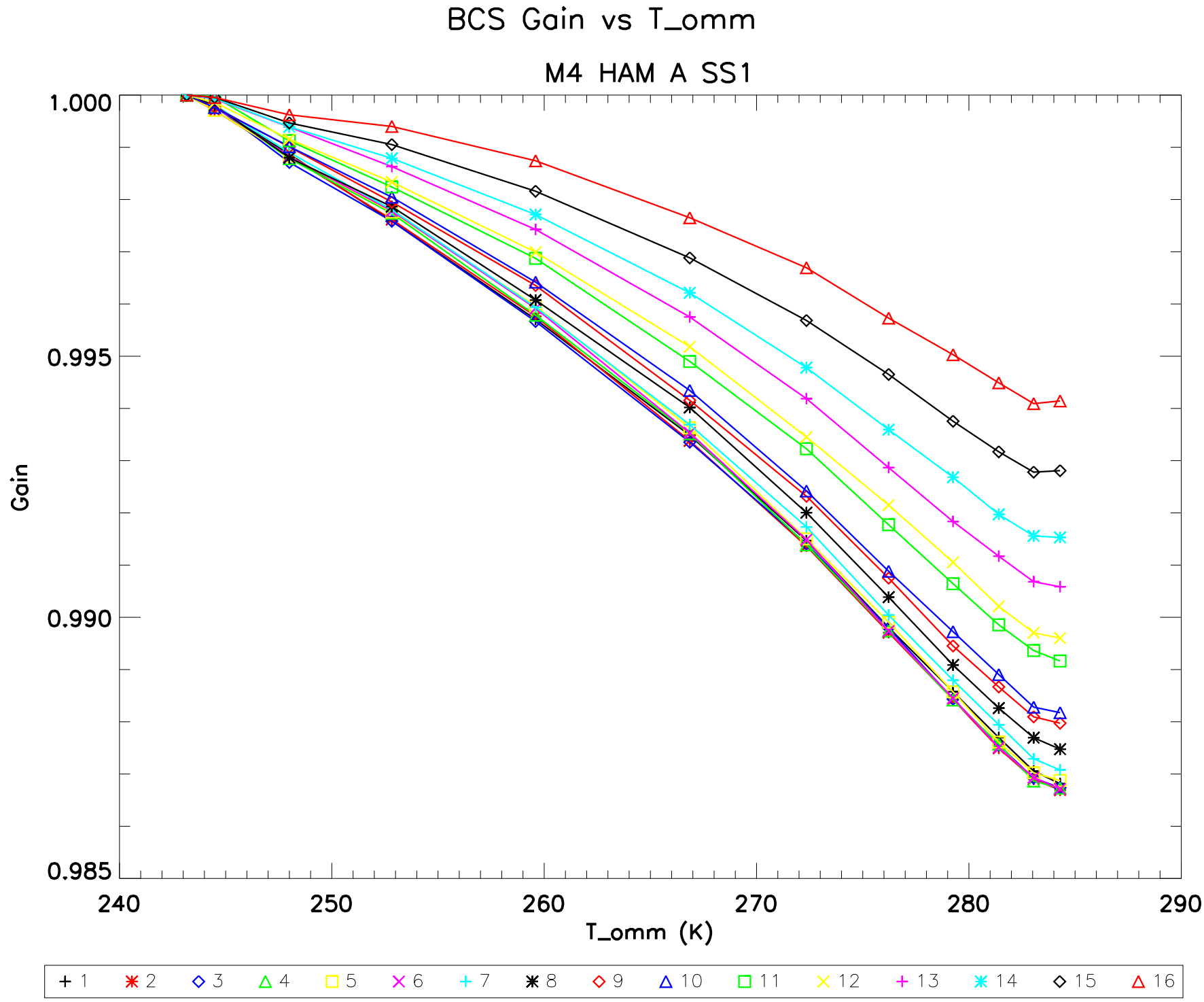

BCS Gain vs T_omm
M1 HAM B SS1
1.005
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

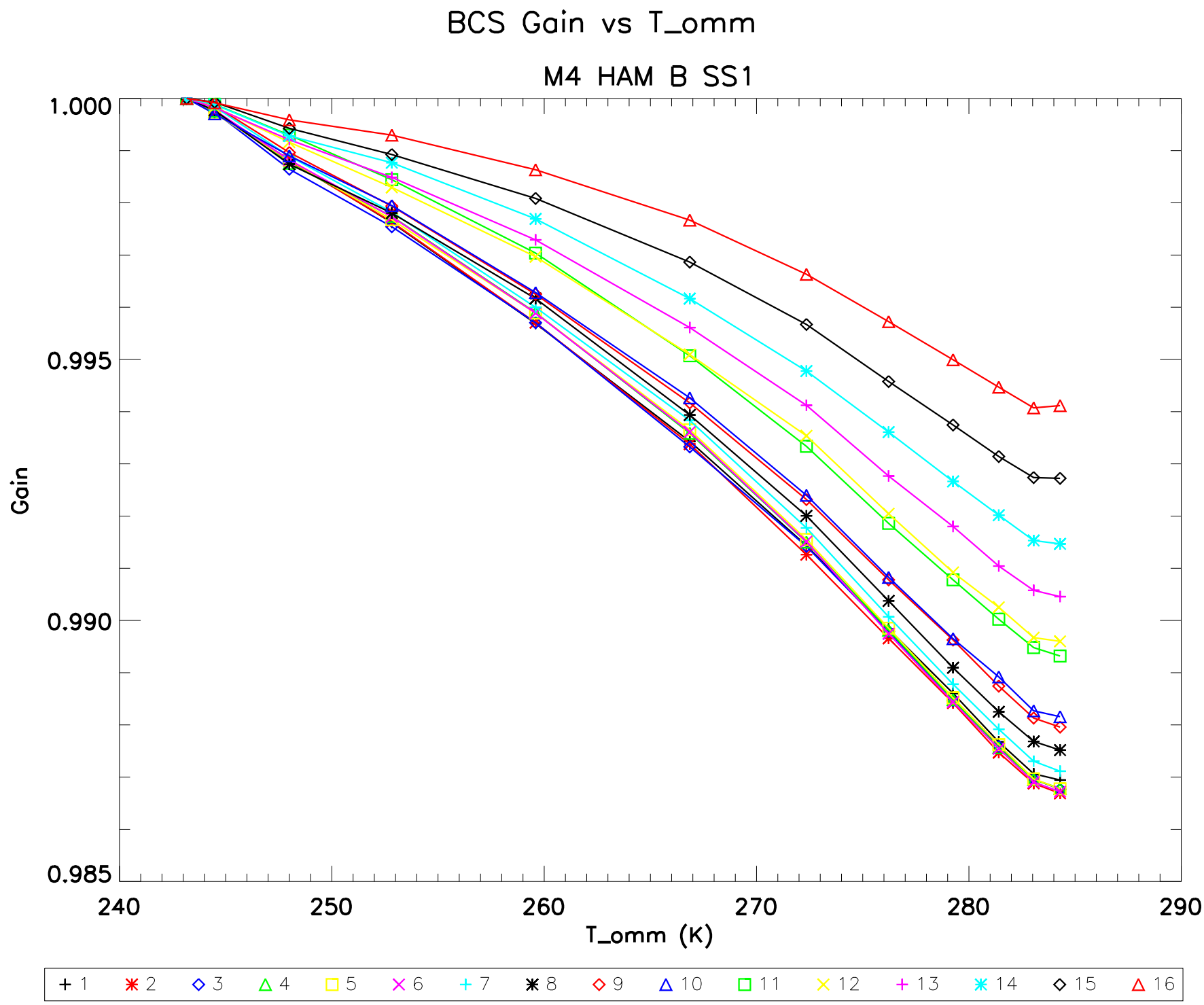

BCS Gain vs T_omm
M2 HAM A SS1
1.005
1.000
0.995
0.990
0.985
0.980
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

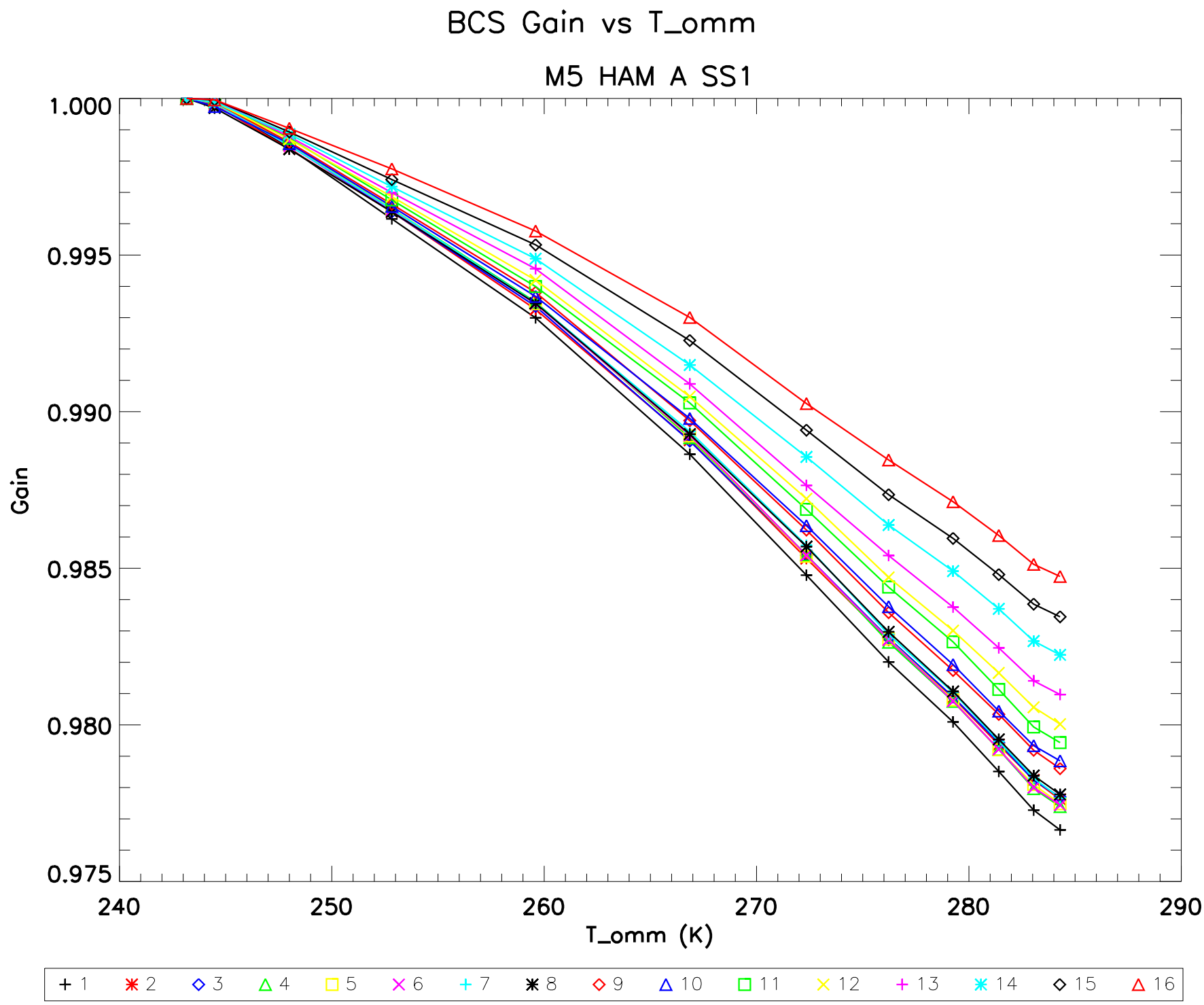

BCS Gain vs T_omm
M2 HAM B SS1
1.005
1.000
0.995
0.990
0.985
0.980
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

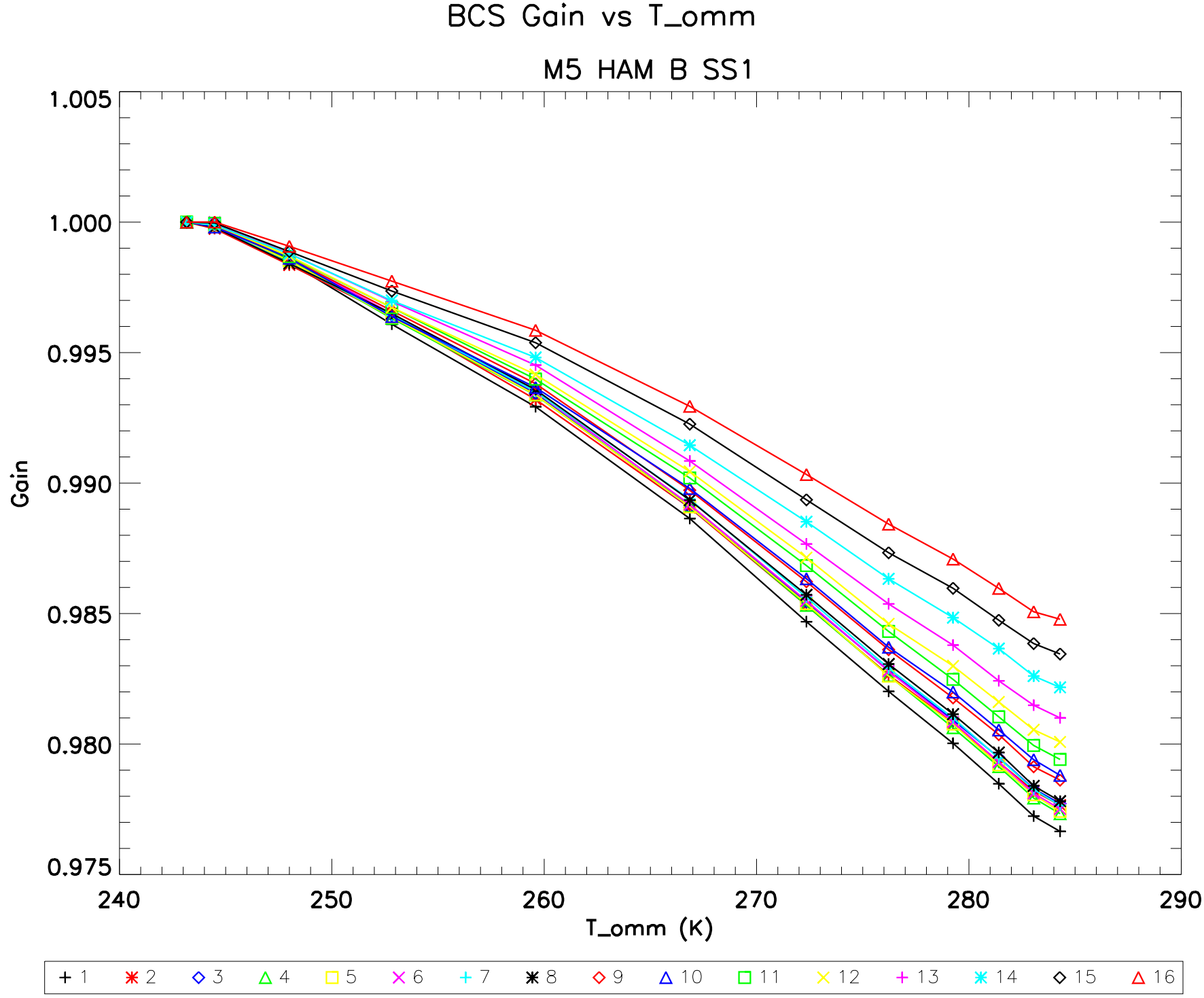

BCS Gain vs T_omm
M3 HAM A SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

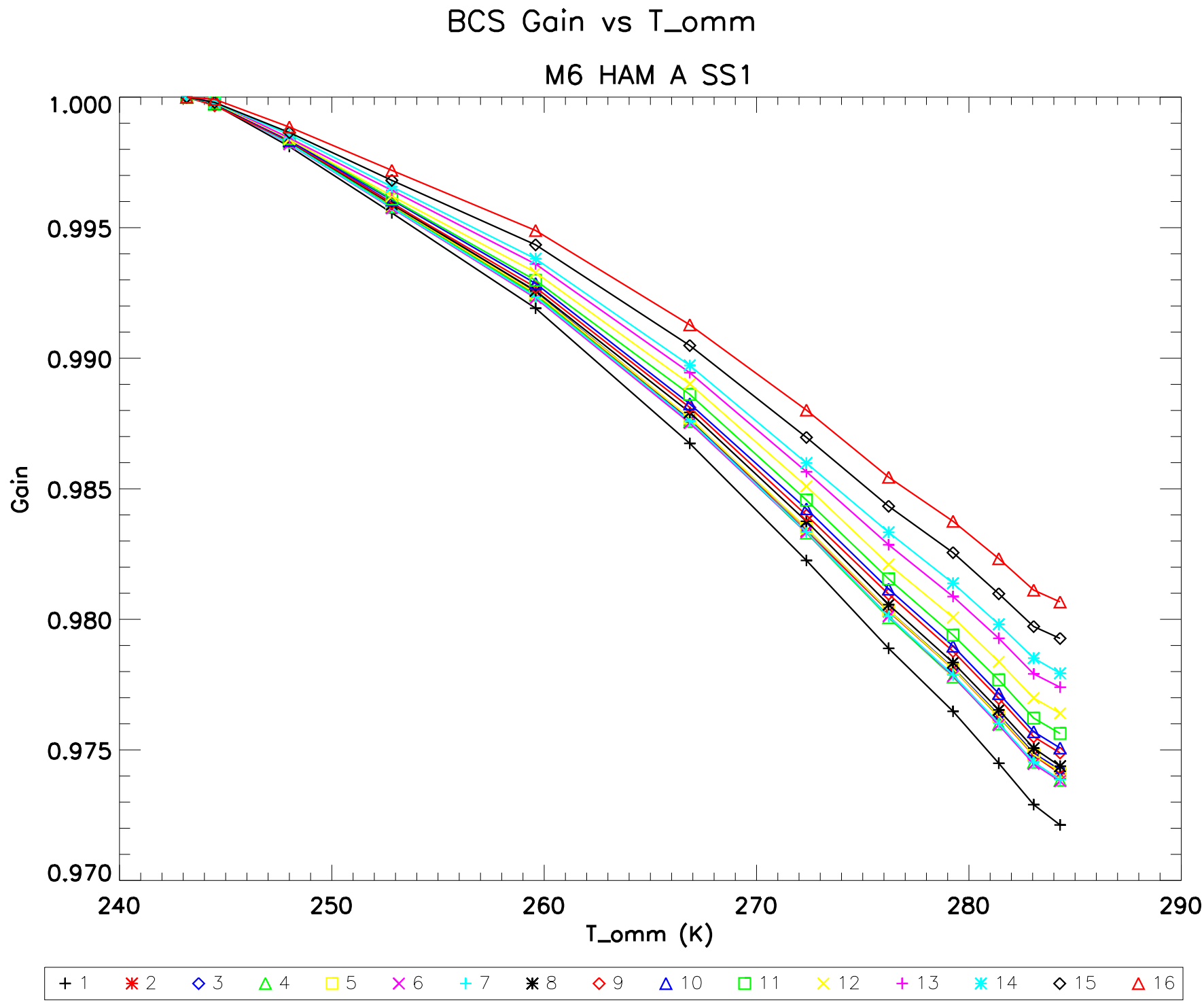

BCS Gain vs T_omm
M3 HAM B SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

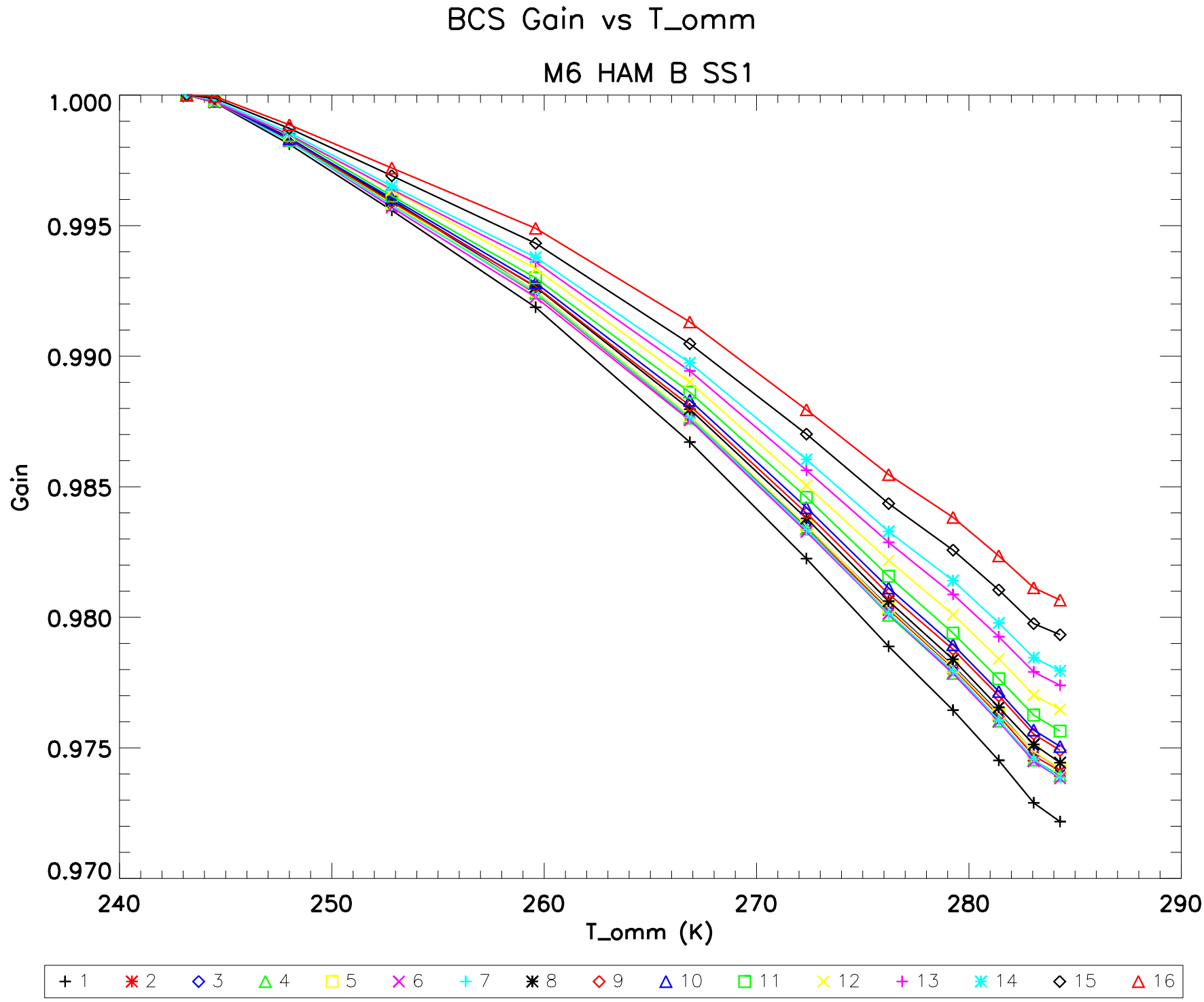

BCS Gain vs T_omm
M4 HAM A SS1
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

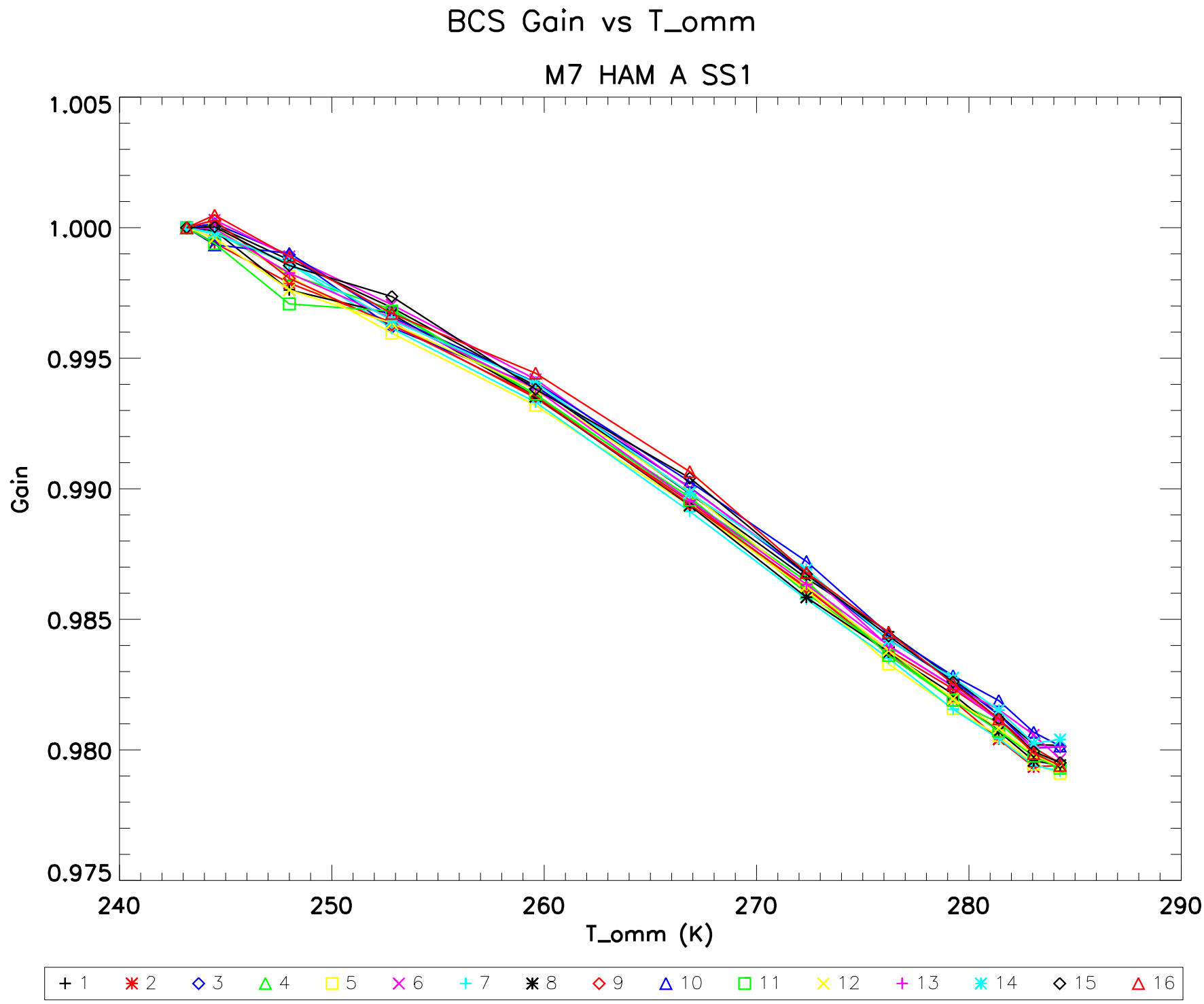

BCS Gain vs T_omm
M4 HAM B SS1
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

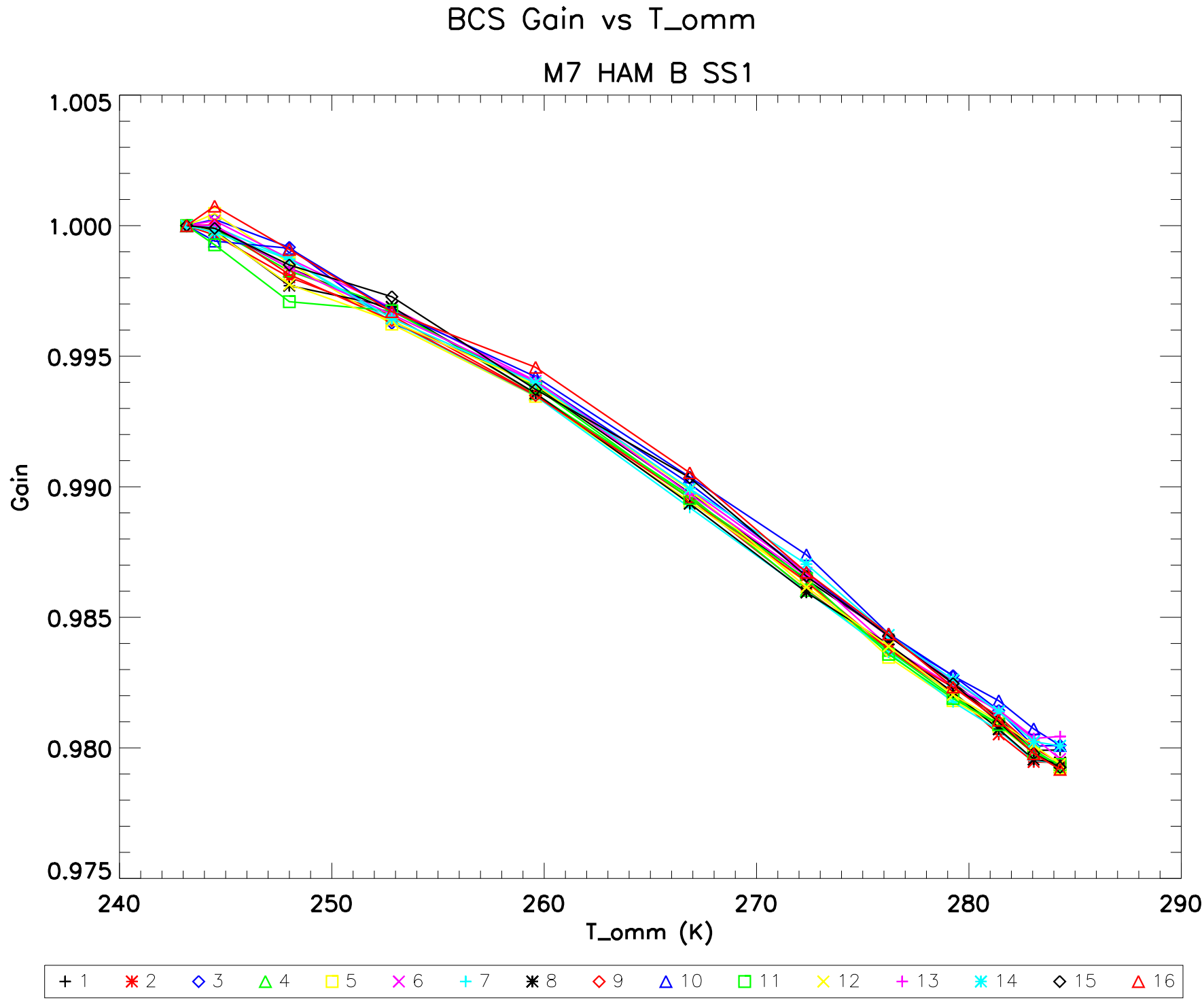

BCS Gain vs T_omm
M5 HAM A SS1
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

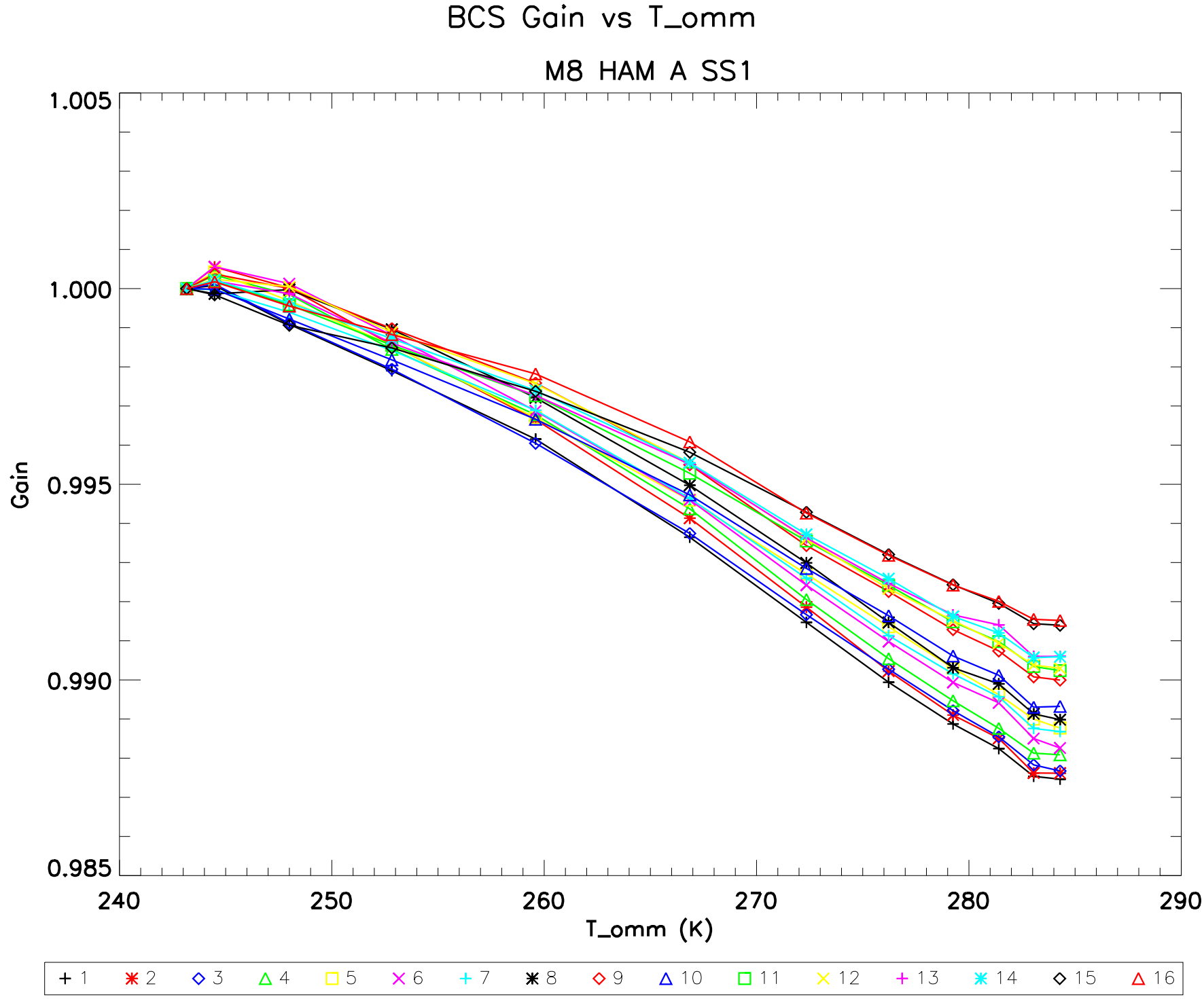

BCS Gain vs T_omm
M5 HAM B SS1
1.005
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

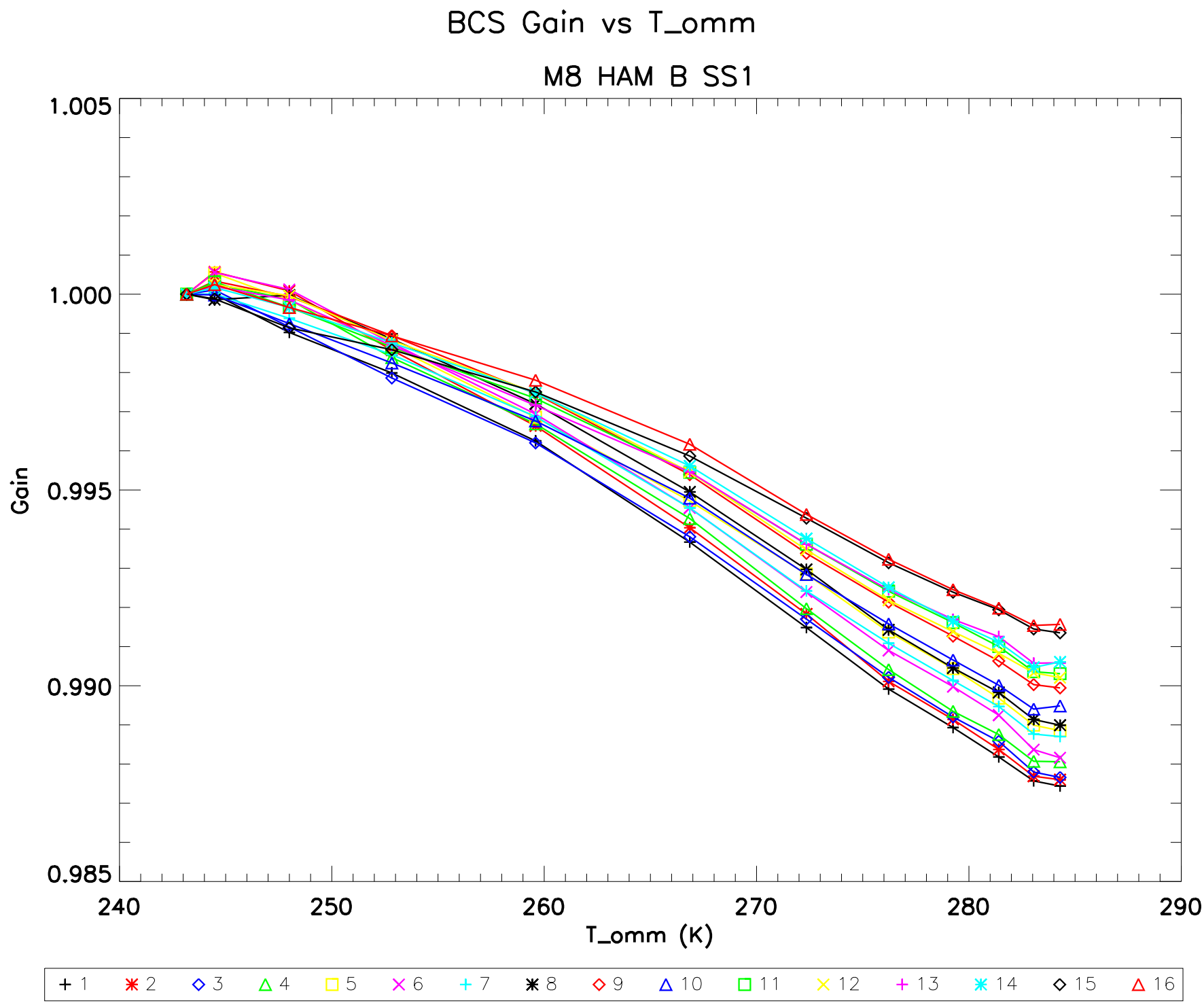

BCS Gain vs T_omm
M6 HAM A SS1
1.000
0.995
0.990
0.985
0.980
0.975
0.970
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

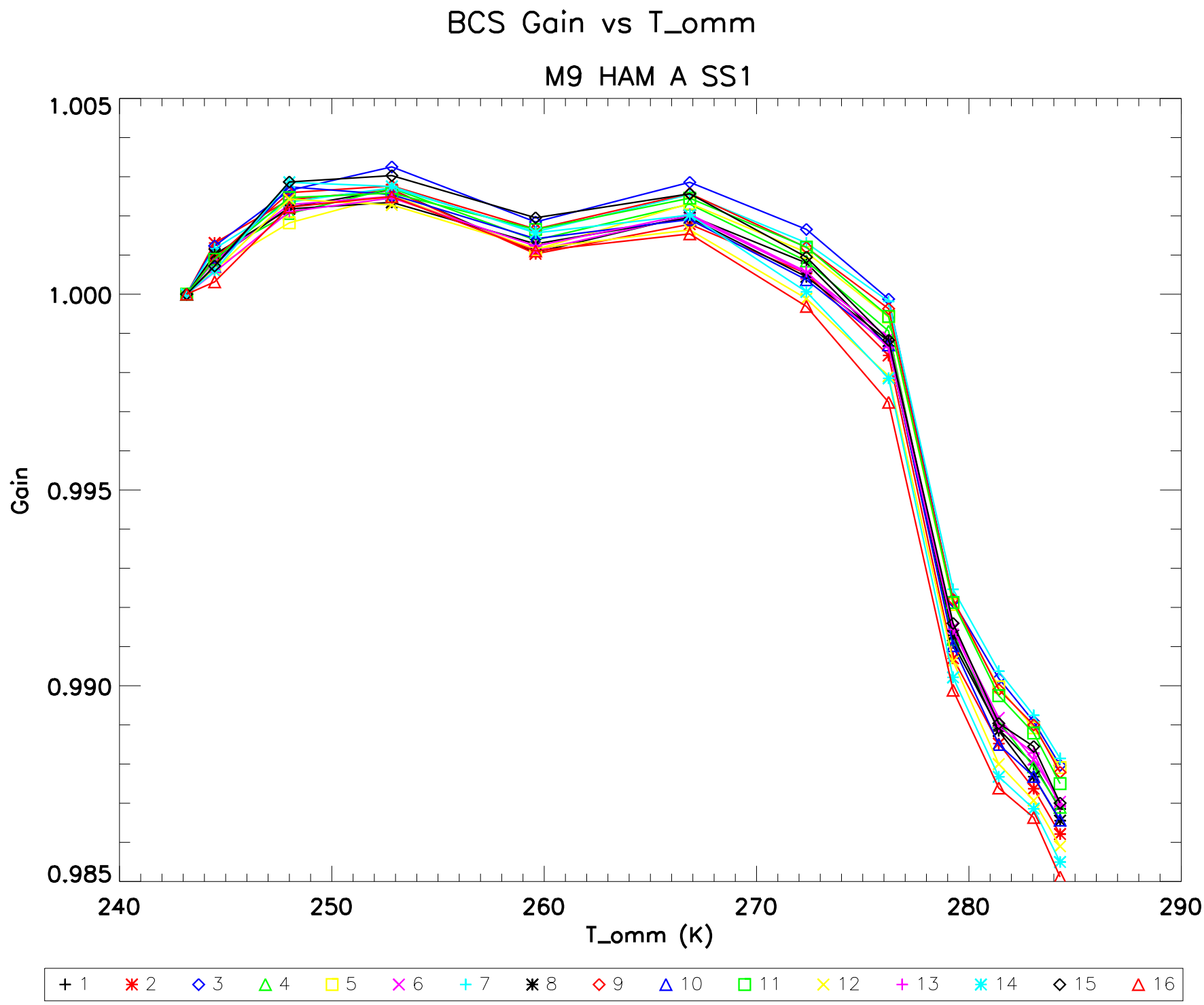

BCS Gain vs T_omm
M6 HAM B SS1
1.000
0.995
0.990
0.985
0.980
0.975
0.970
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

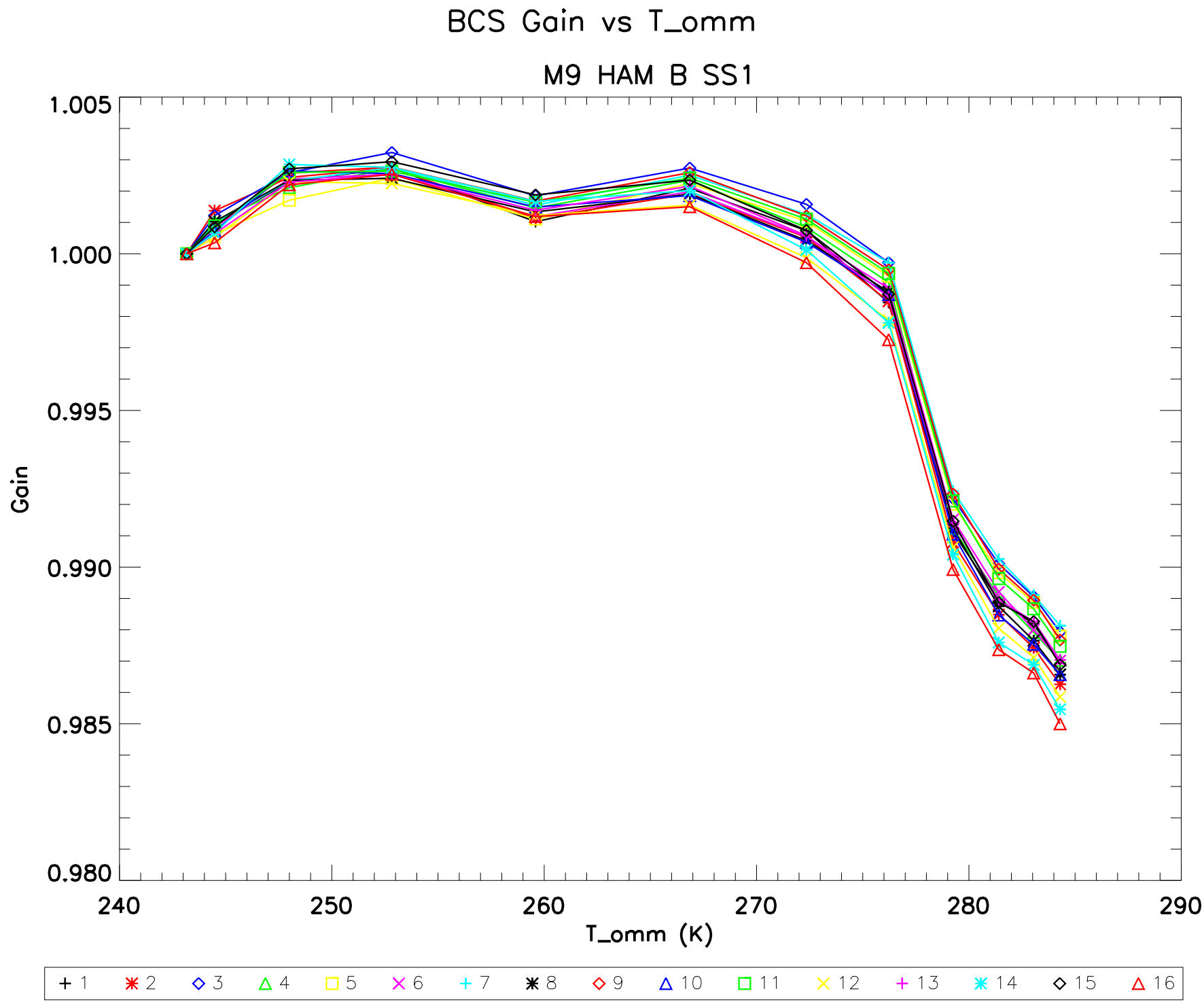

BCS Gain vs T_omm
M7 HAM A SS1
1.005
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

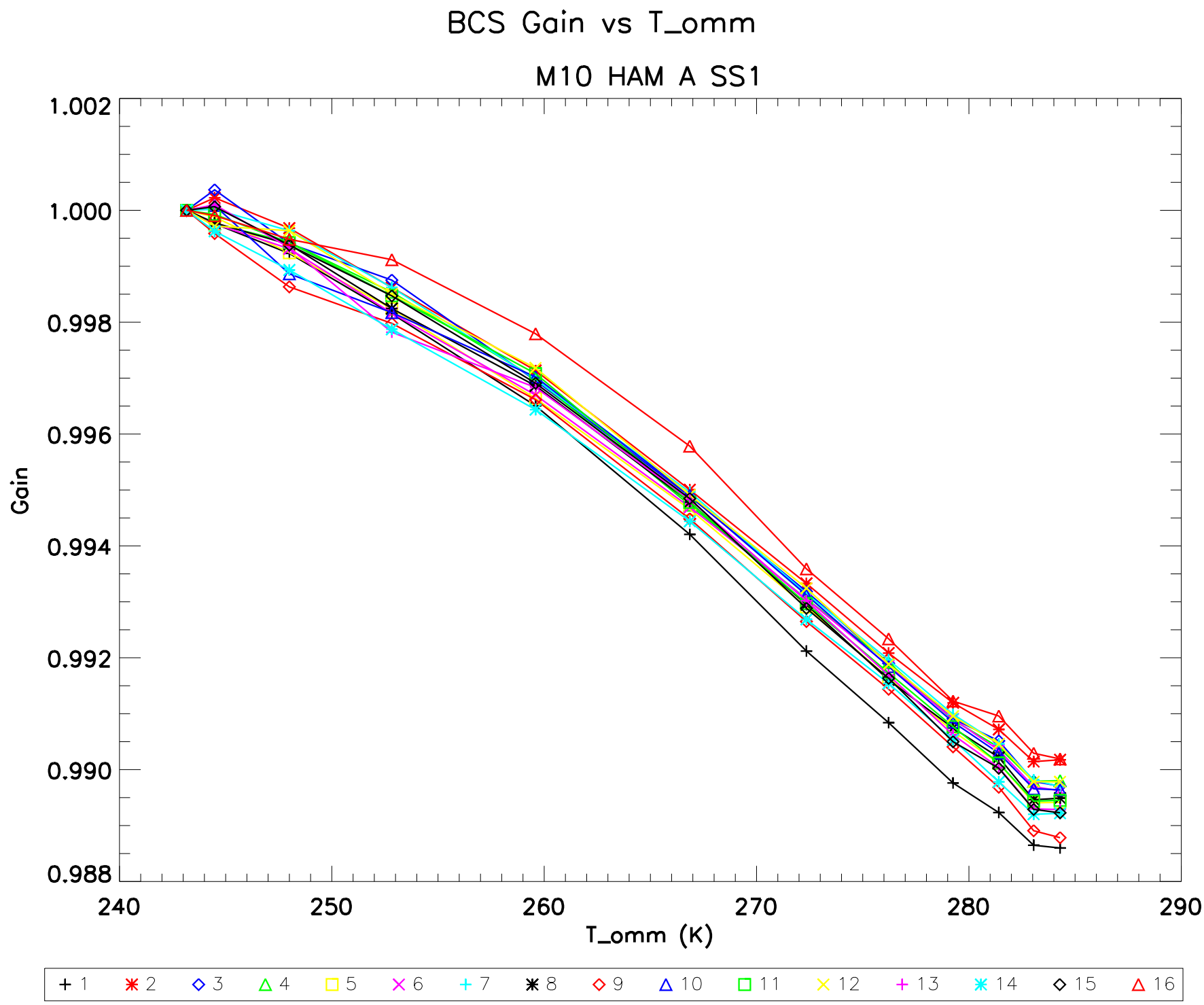

BCS Gain vs T_omm
M7 HAM B SS1
1.005
1.000
0.995
0.990
0.985
0.980
0.975
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

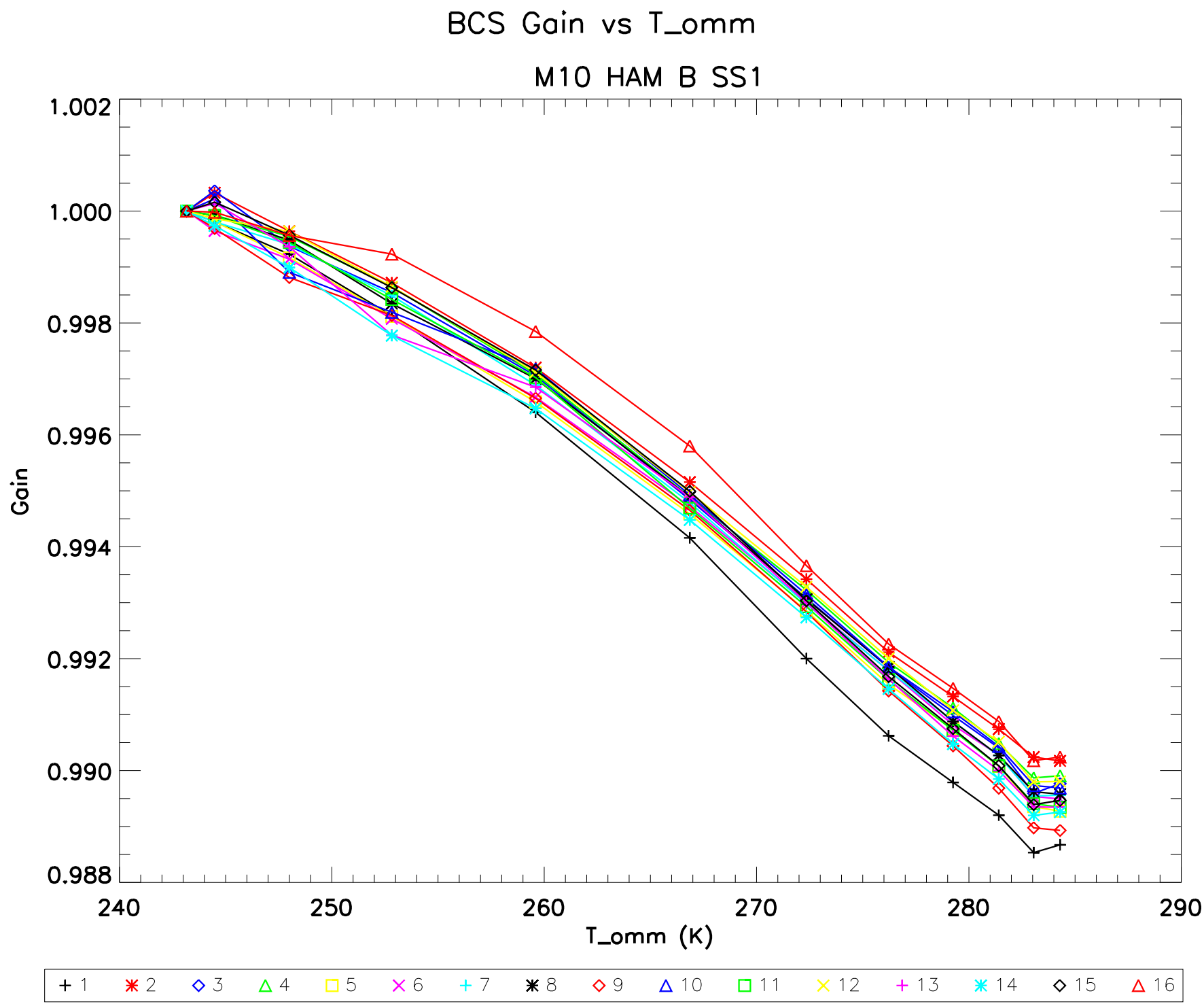

BCS Gain vs T_omm
M8 HAM A SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

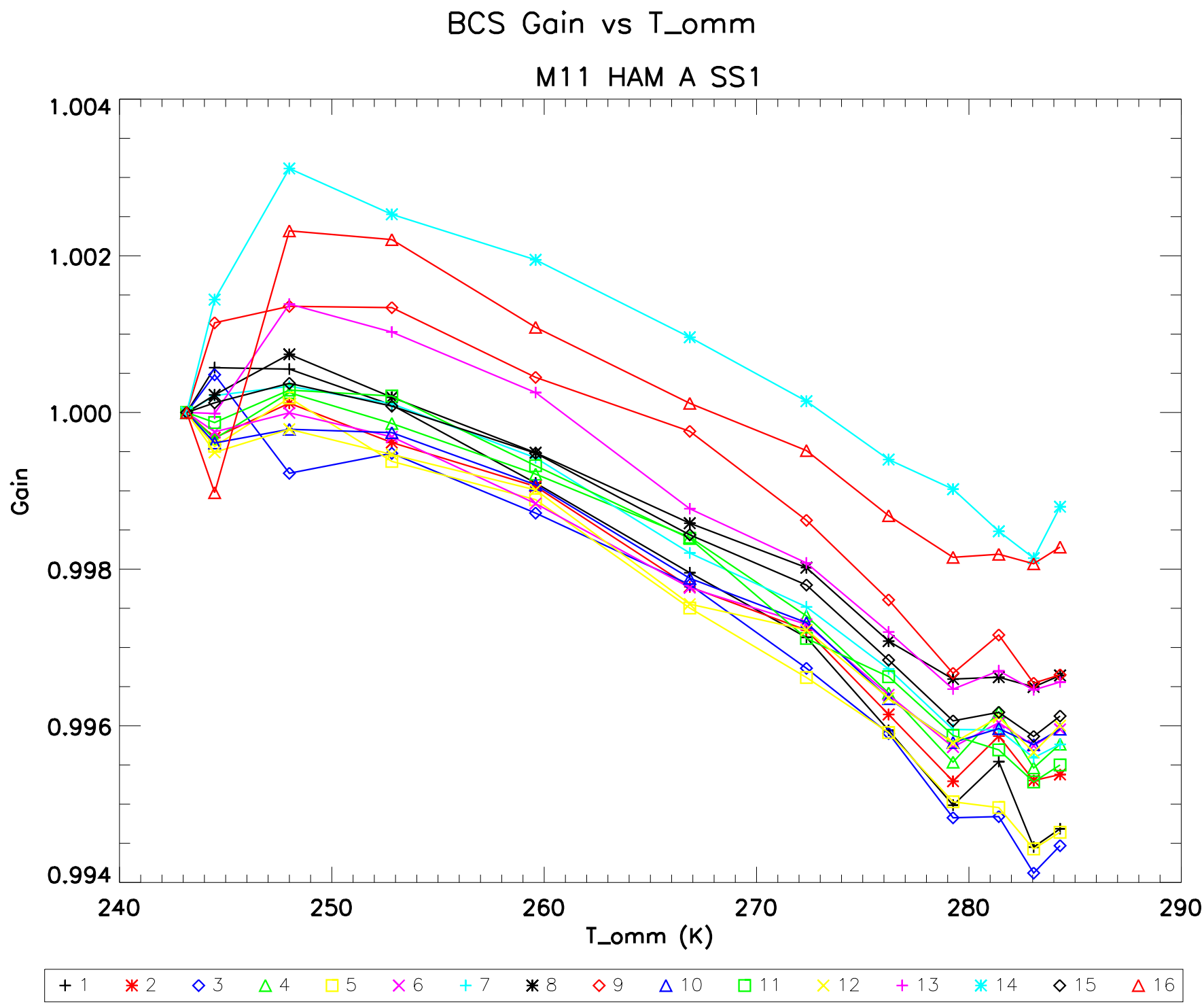

BCS Gain vs T_omm
M8 HAM B SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

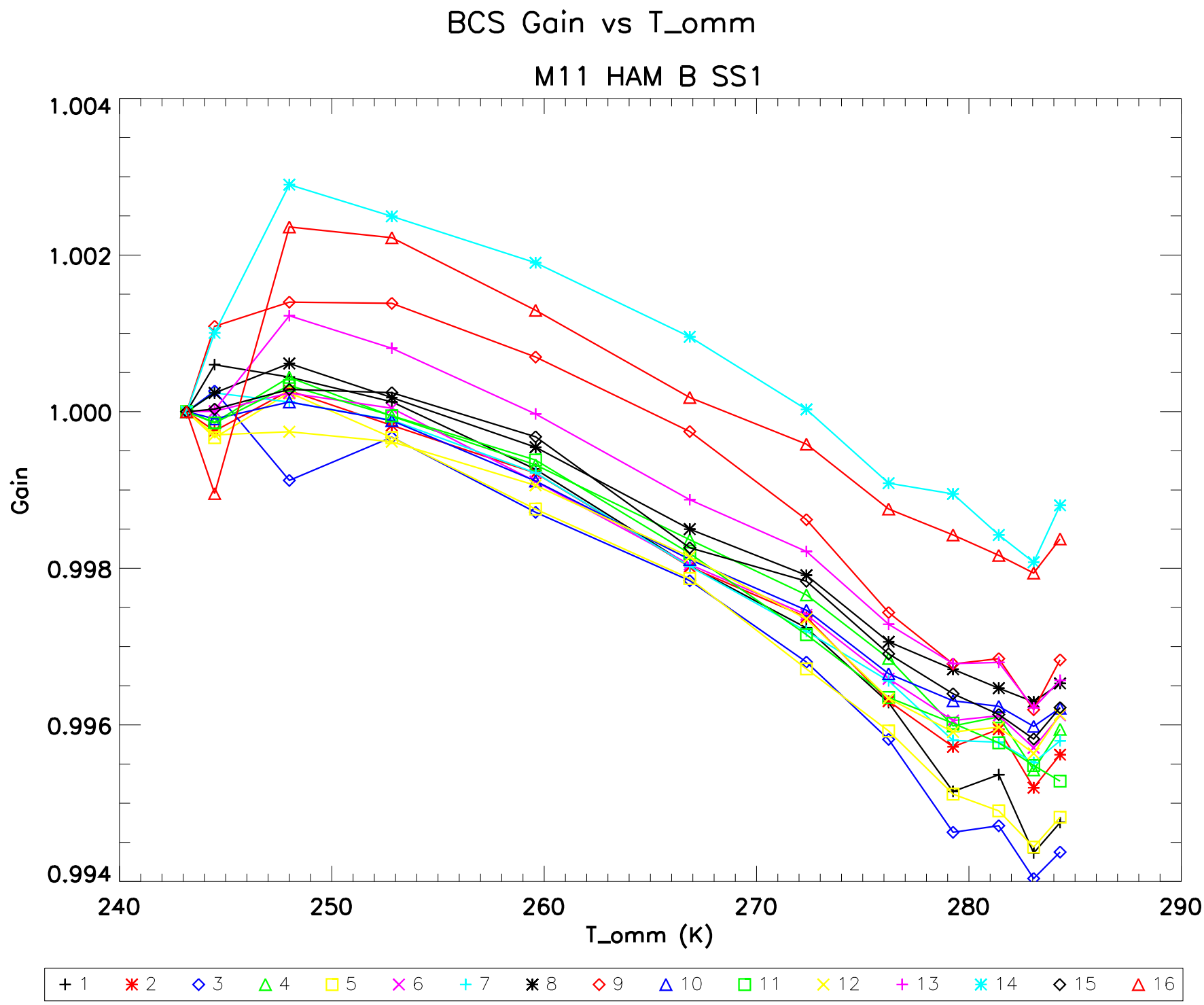

BCS Gain vs T_omm
M9 HAM A SS1
1.005
1.000
0.995
0.990
0.985
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

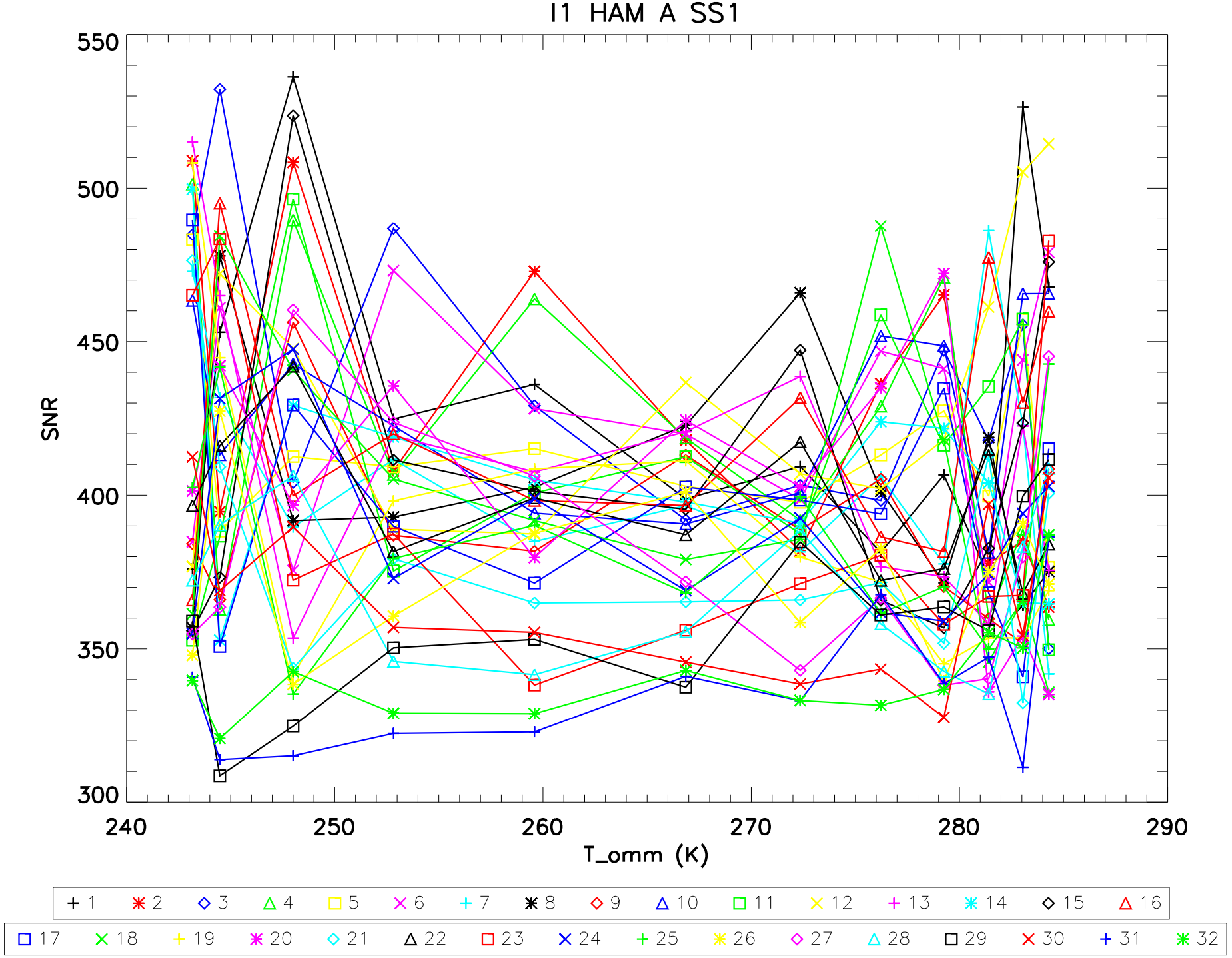

BCS Gain vs T_omm
M9 HAM B SS1
1.005
1.000
0.995
0.990
0.985
0.980
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

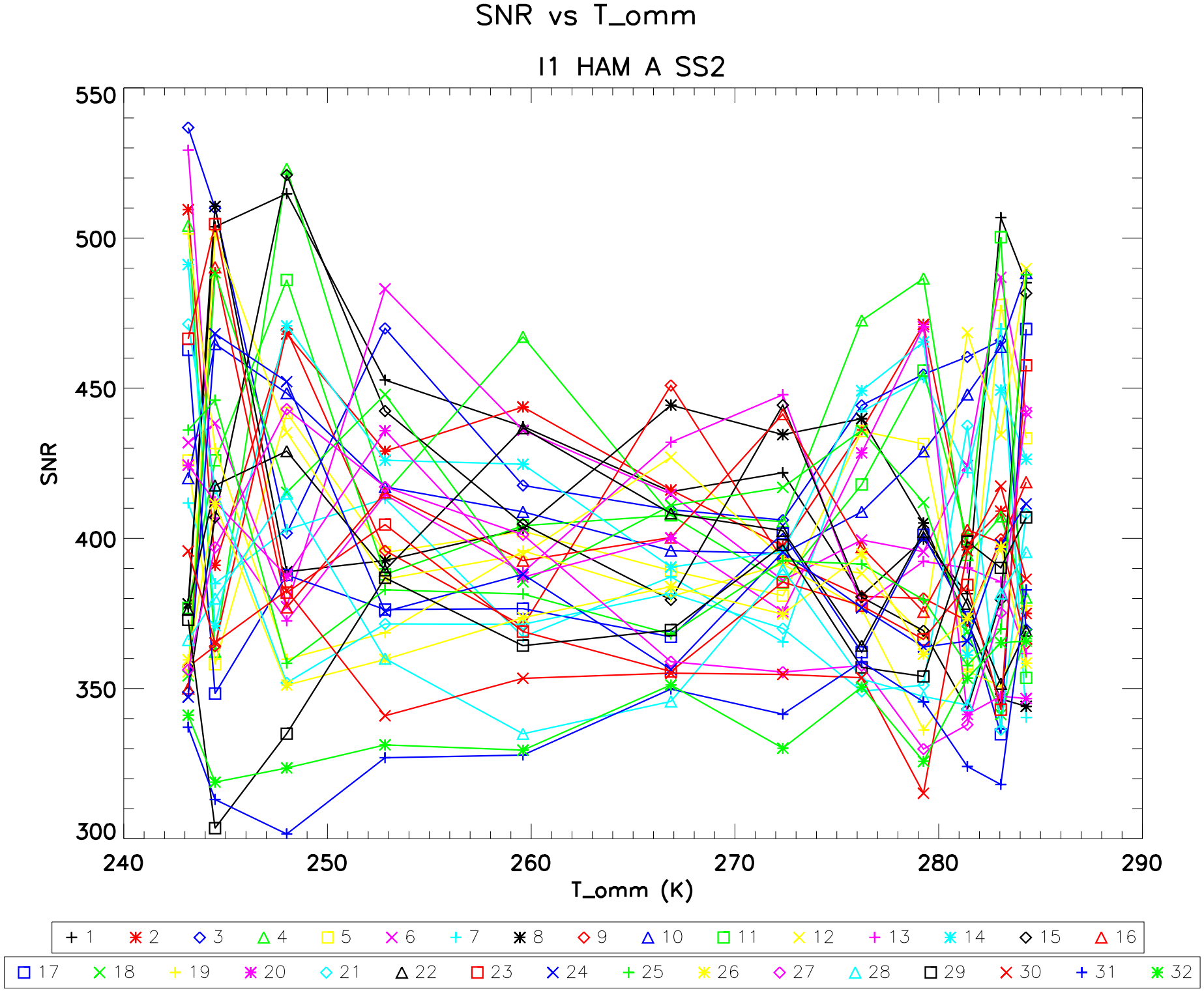

BCS Gain vs T_omm
M10 HAM A SS1
1.002
1.000
0.998
0.996
0.994
0.992
0.990
0.988
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

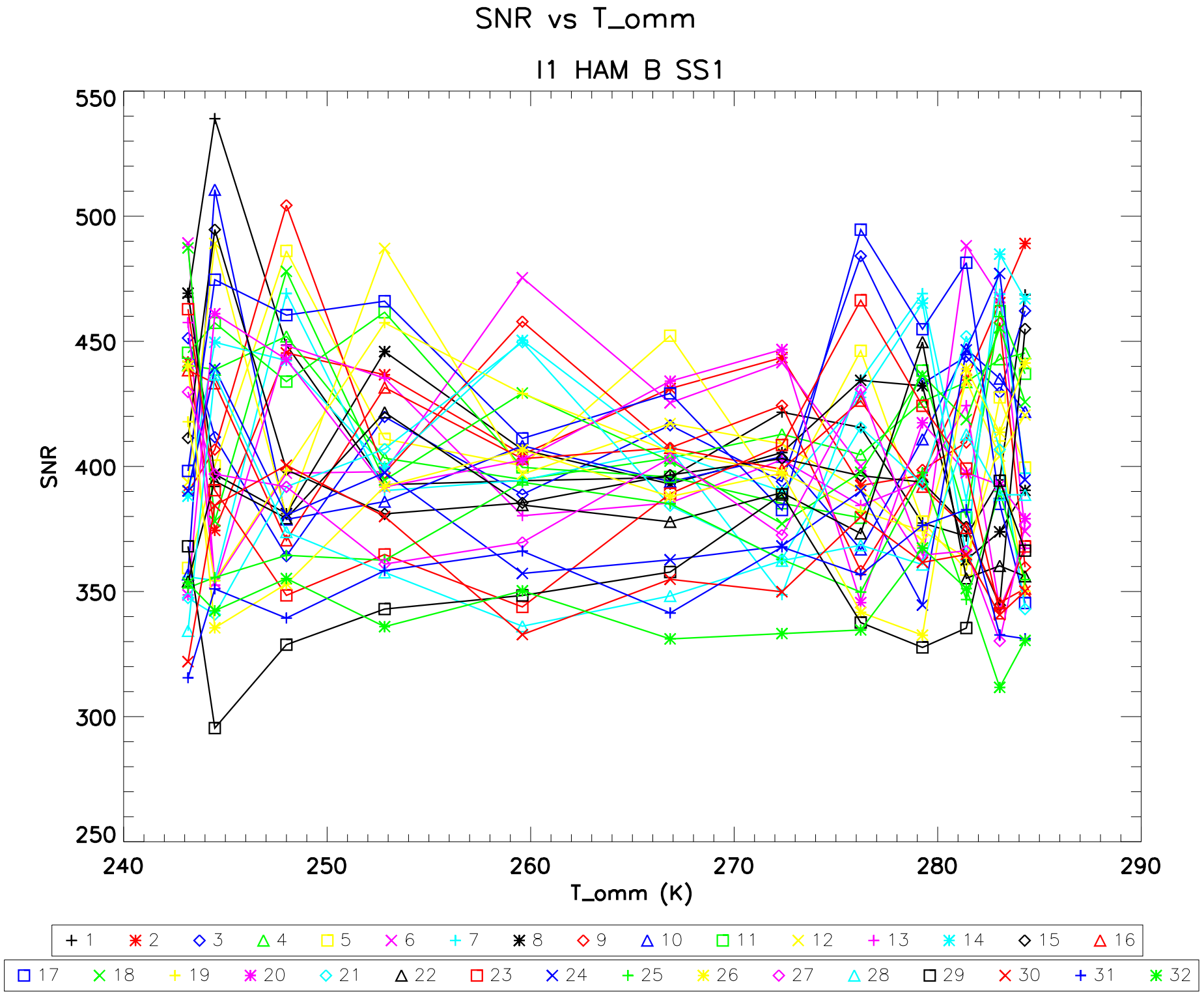

BCS Gain vs T_omm
M10 HAM B SS1
1.002
1.000
0.998
0.996
0.994
0.992
0.990
0.988
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

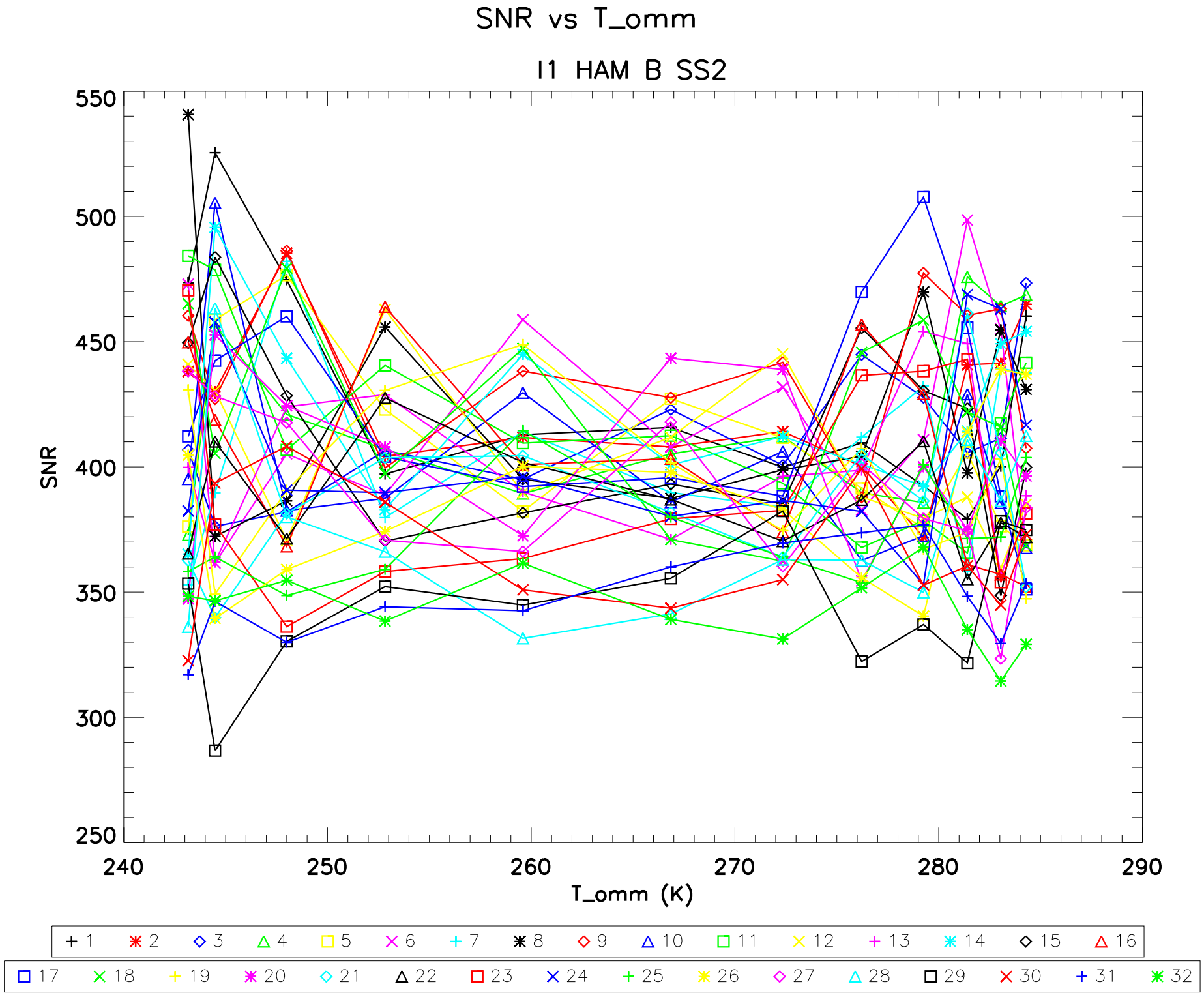

BCS Gain vs T_omm
M11 HAM A SS1
1.004
1.002
1.000
0.998
0.996
0.994
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

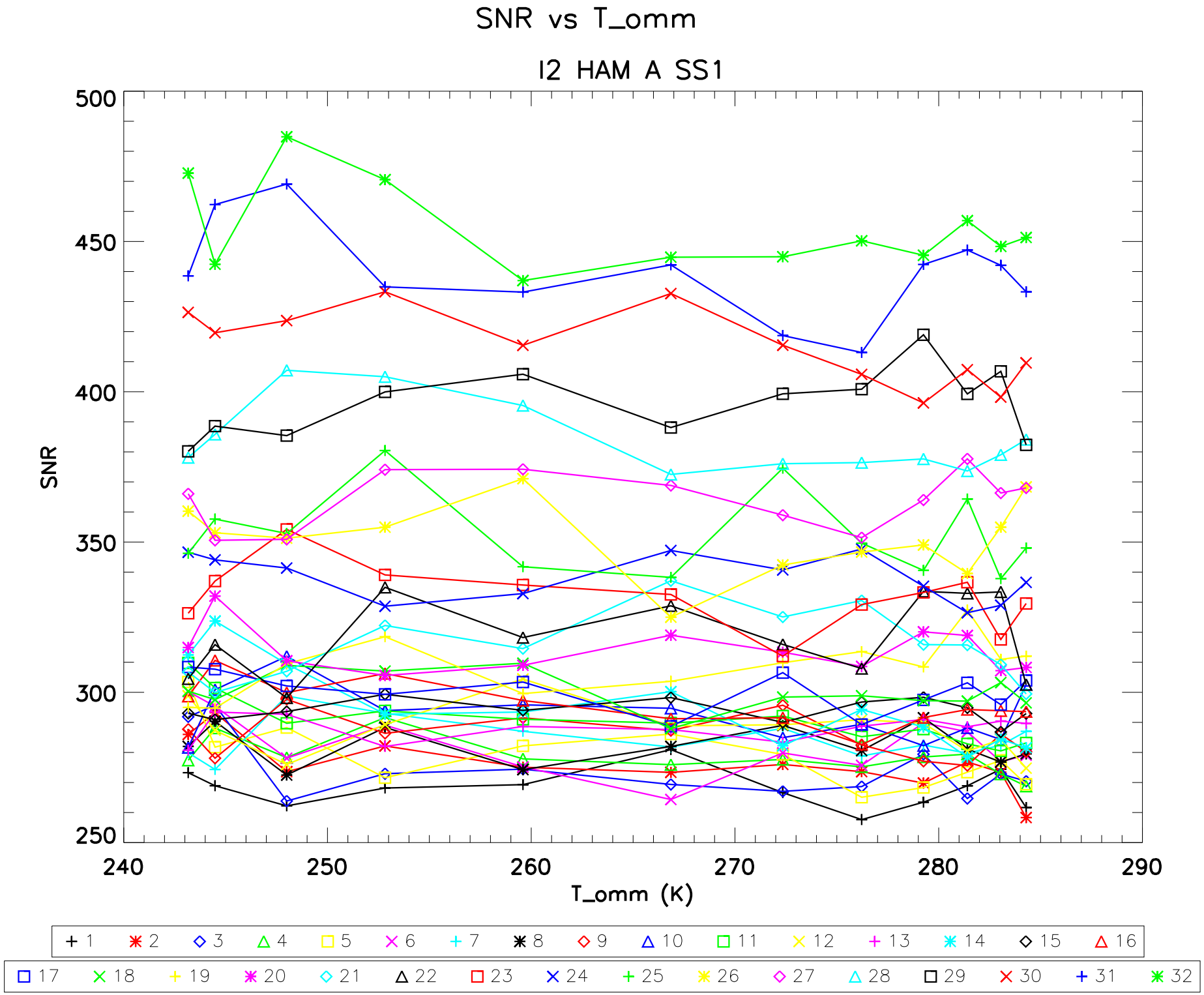

BCS Gain vs T_omm
M11 HAM B SS1
1.004
1.002
1.000
0.998
0.996
0.994
Gain
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

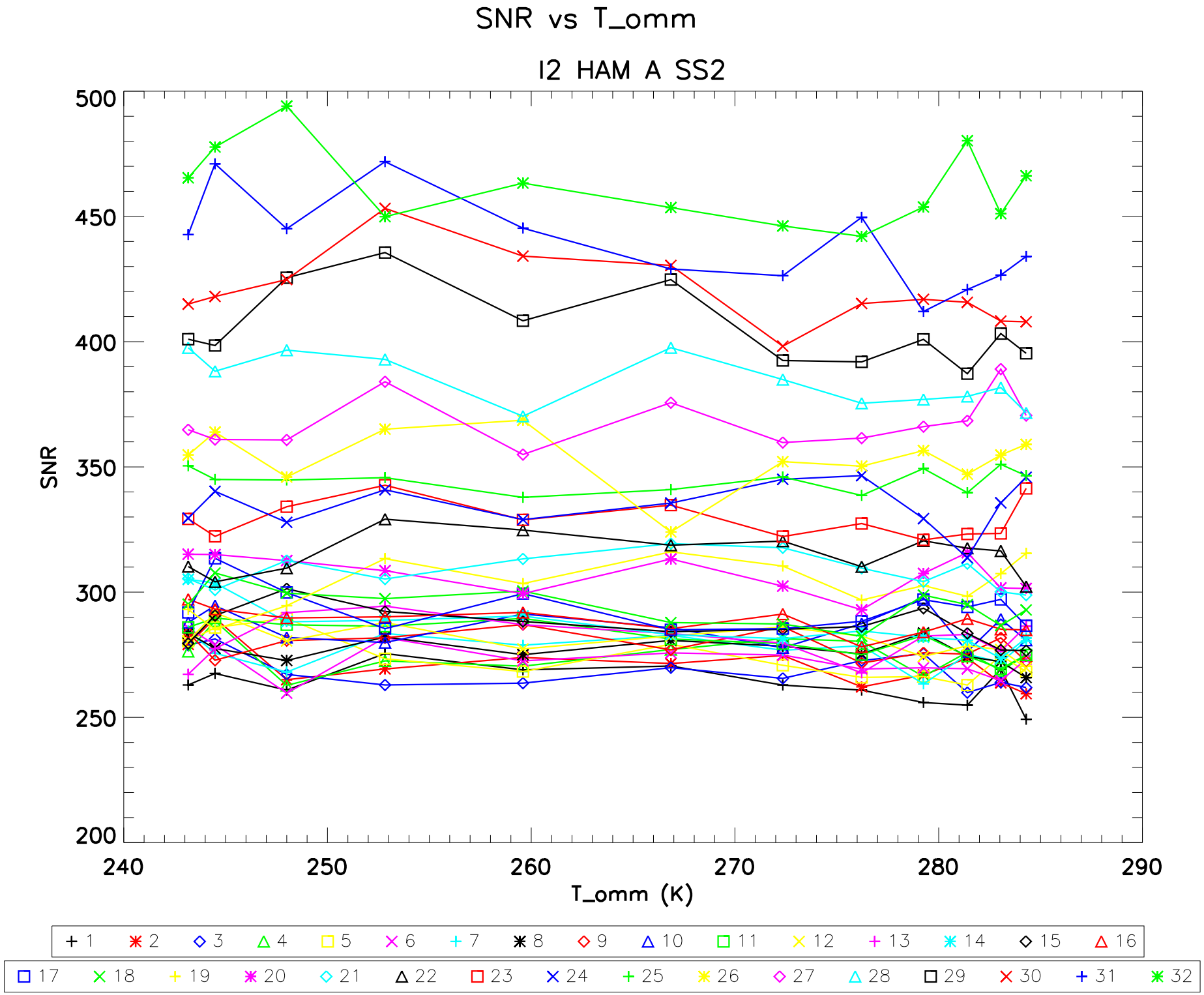

SNR vs T_omm
I1 HAM A SS1
SNR
T_omm (K)
550
500
450
400
350
300
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

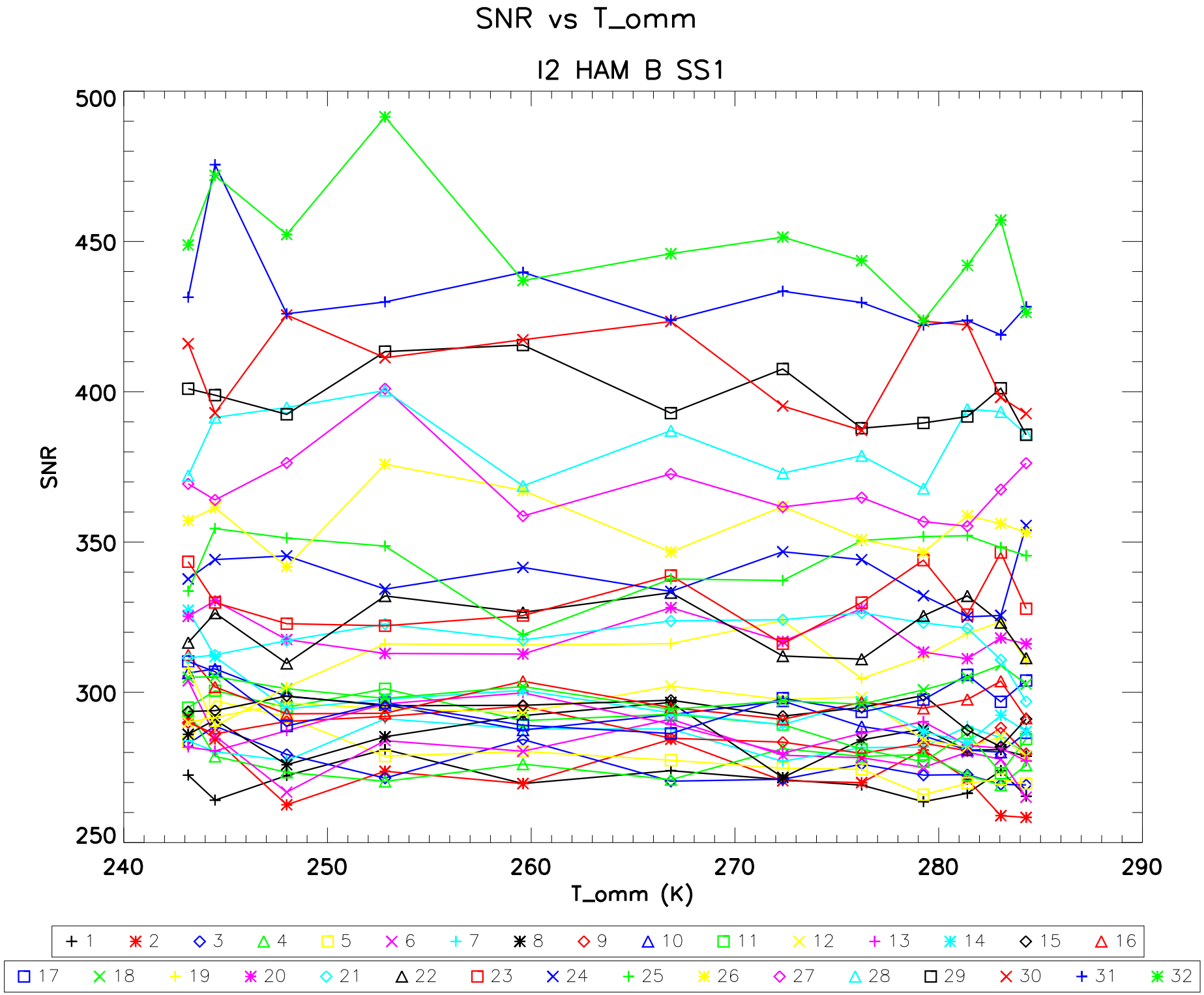

SNR vs T_omm
I1 HAM A SS2
SNR
T_omm (K)
550
500
450
400
350
300
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

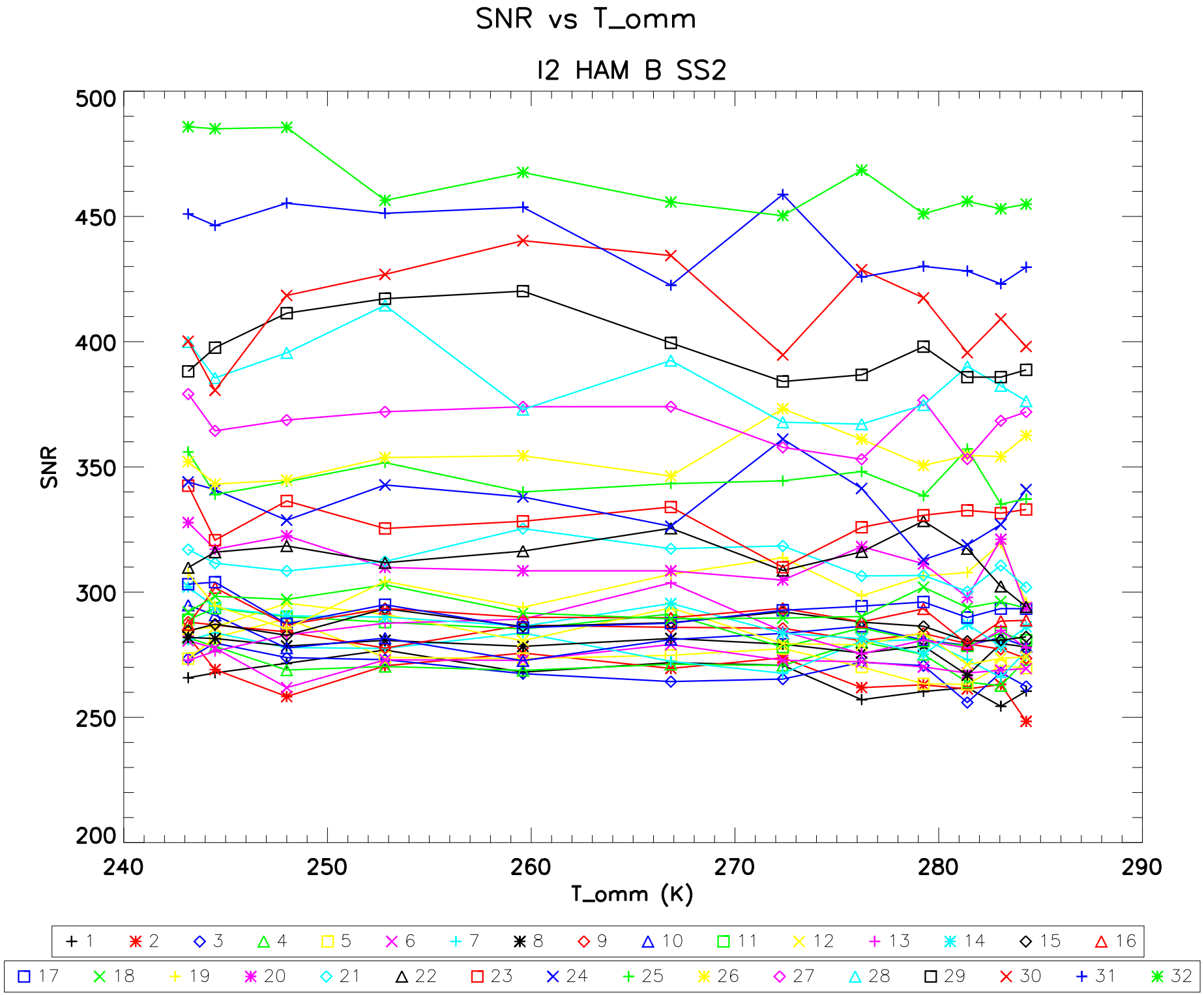

SNR vs T_omm
I1 HAM B SS1
SNR
550
500
450
400
350
300
250
240
250
260
270
280
290
T_omm (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

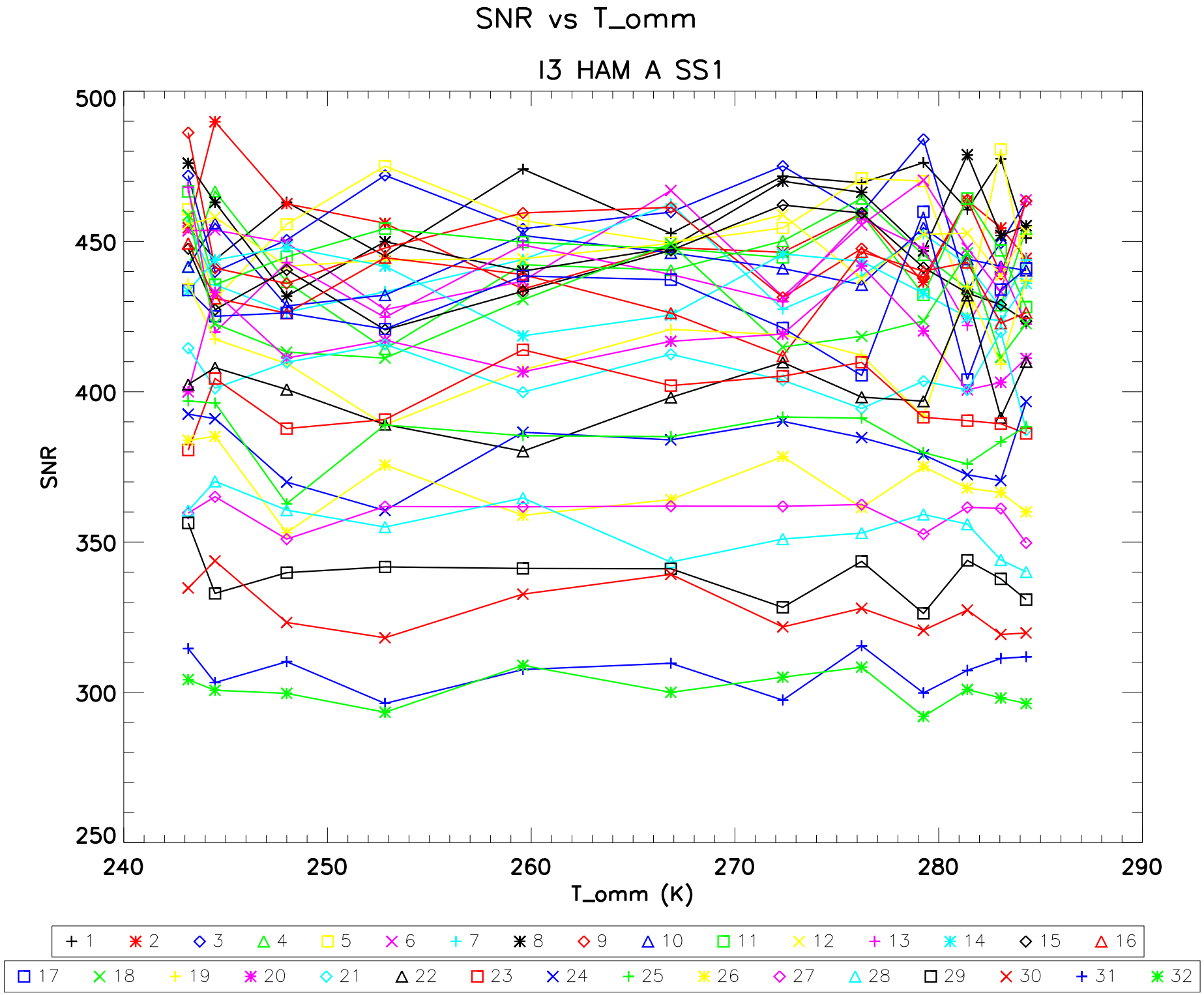

SNR vs T_omm
I1 HAM B SS2
SNR
550
500
450
400
350
300
250
240
250
260
270
280
290
T_omm (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

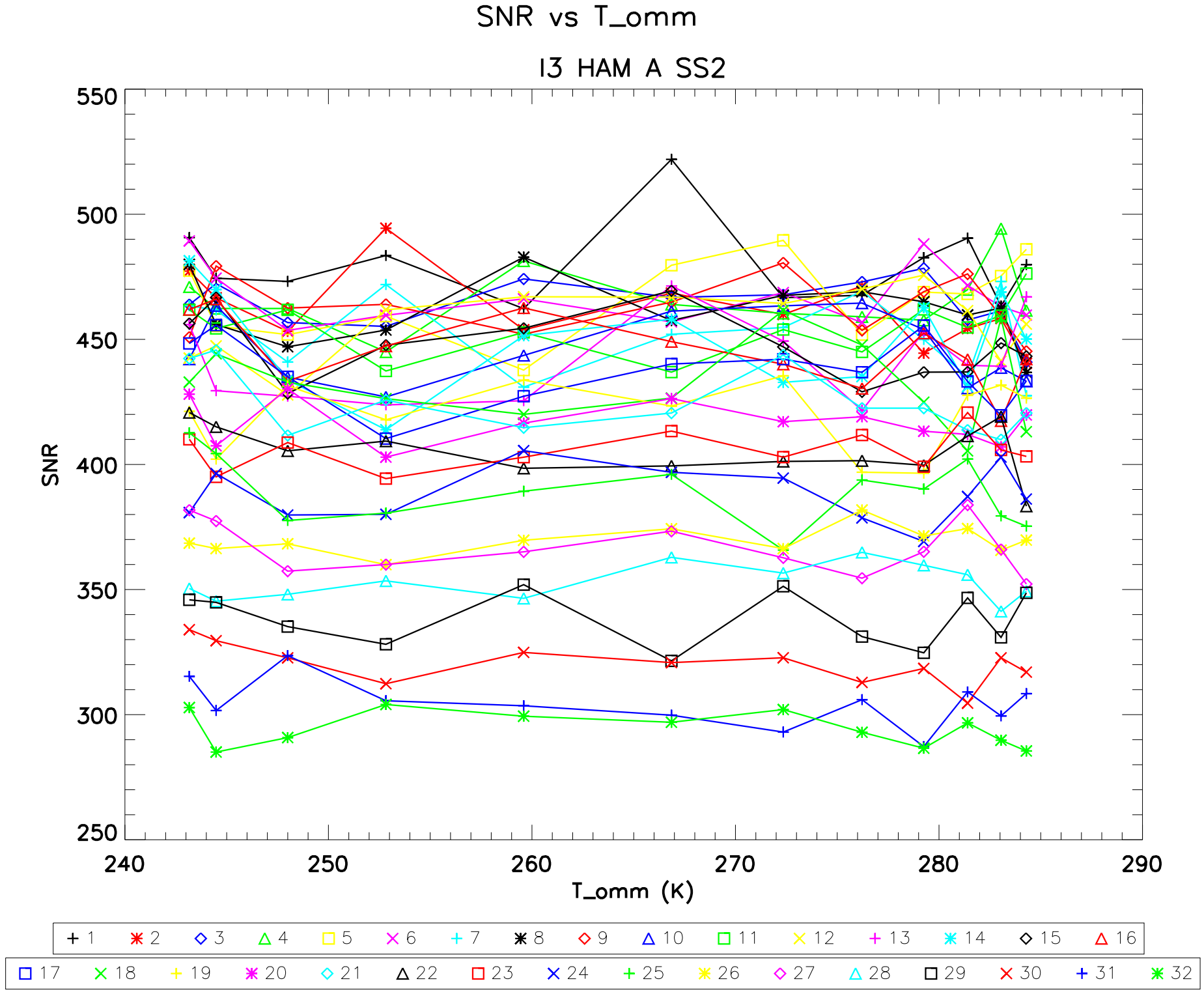

SNR vs T_omm
I2 HAM A SS1
SNR
T_omm (K)
500
450
400
350
300
250
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

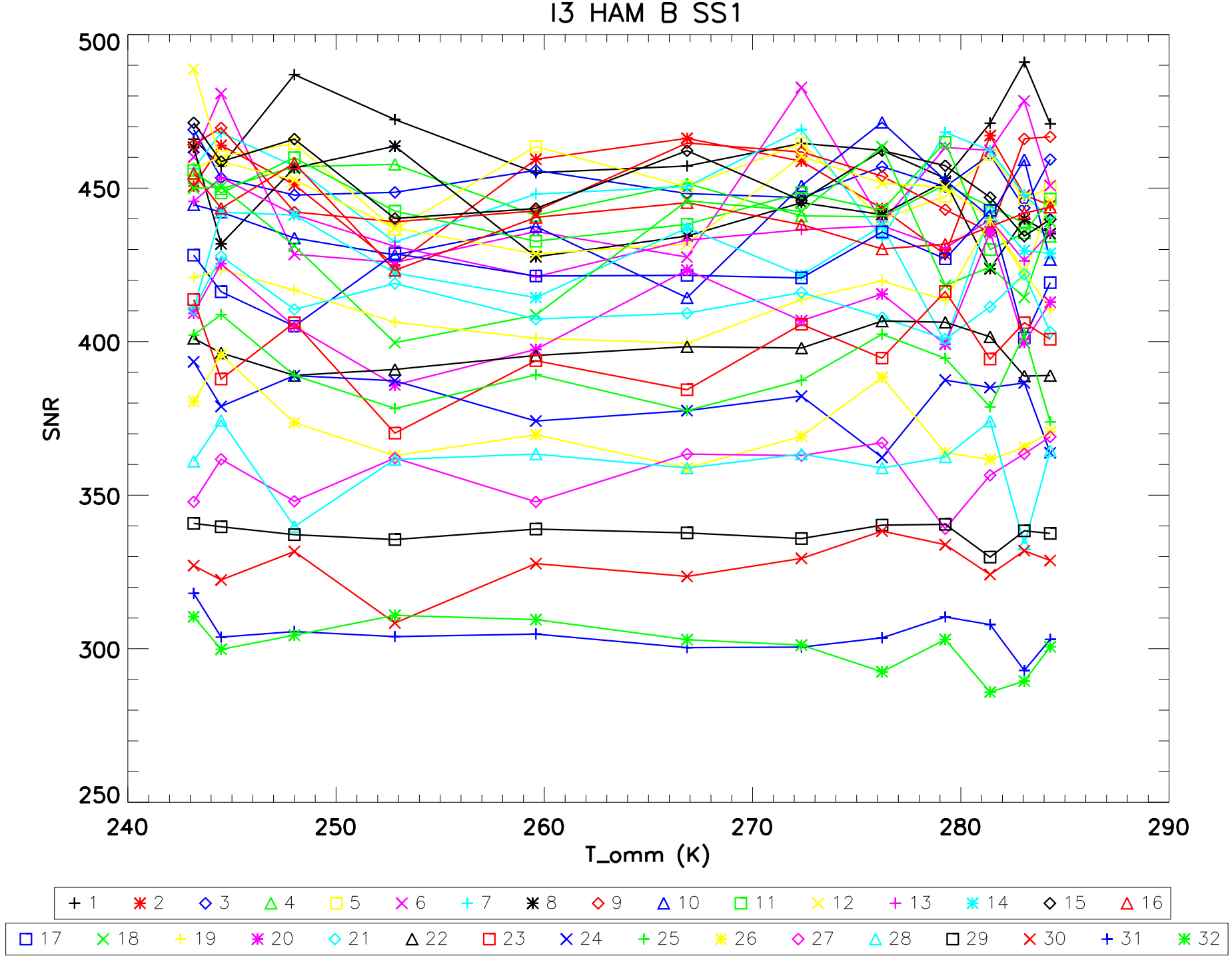

SNR vs T_omm
I2 HAM A SS2
SNR
T_omm (K)
500
450
400
350
300
250
200
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

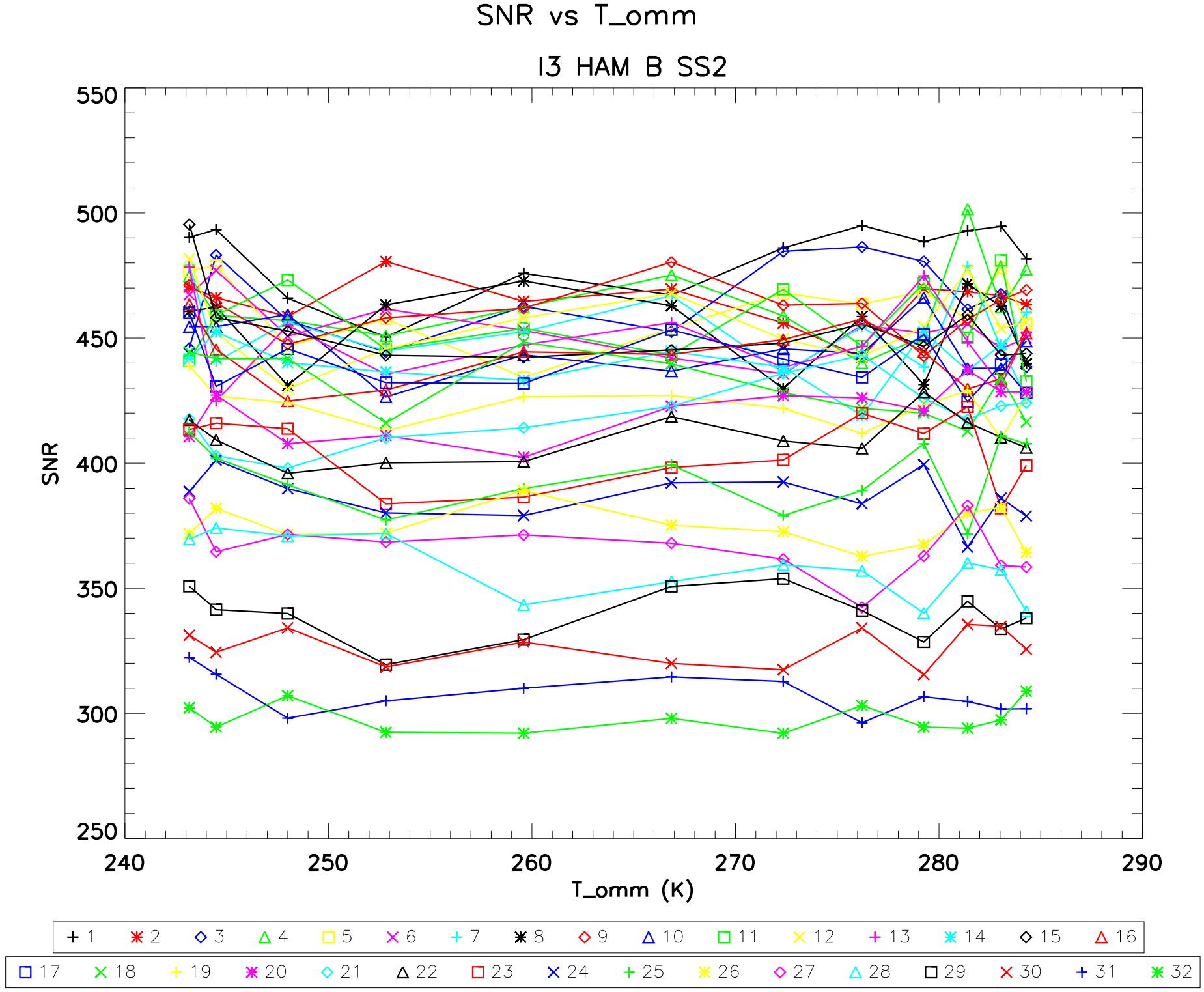

SNR vs T_omm
I2 HAM B SS1
SNR
T_omm (K)
500
450
400
350
300
250
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

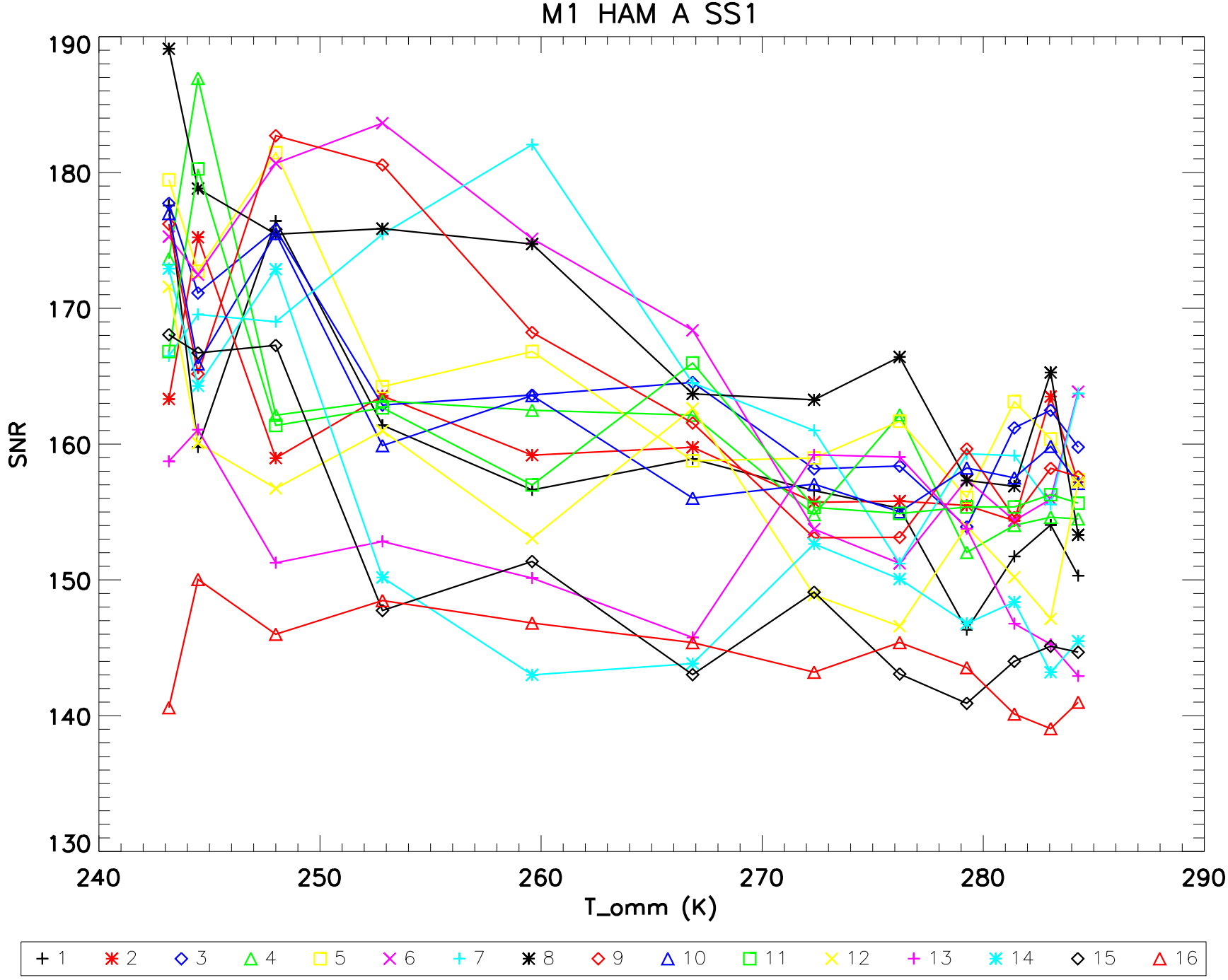

SNR vs T_omm
I2 HAM B SS2
SNR
T_omm (K)
500
450
400
350
300
250
200
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

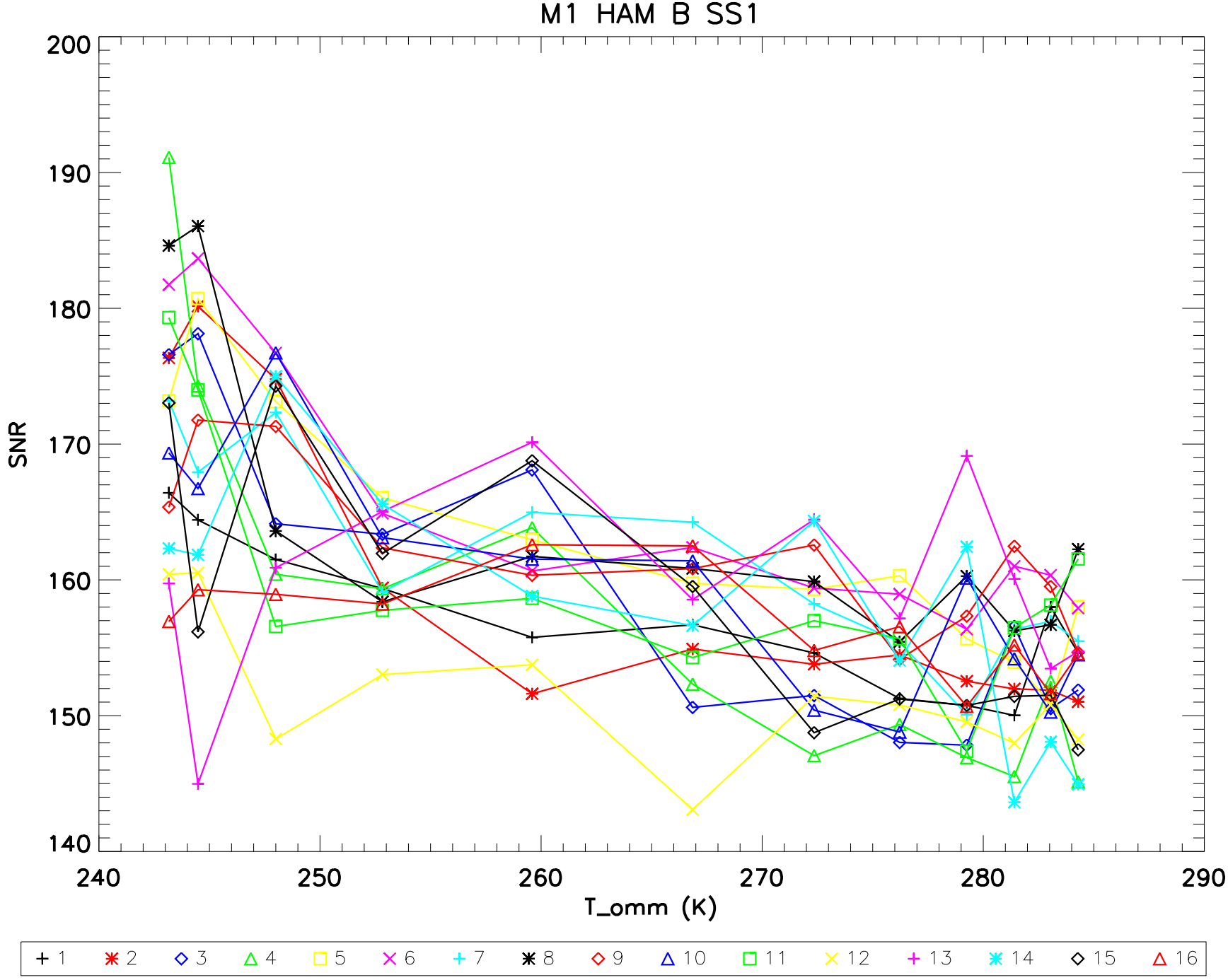

SNR vs T_omm
I3 HAM A SS1
SNR
T_omm (K)
500
450
400
350
300
250
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

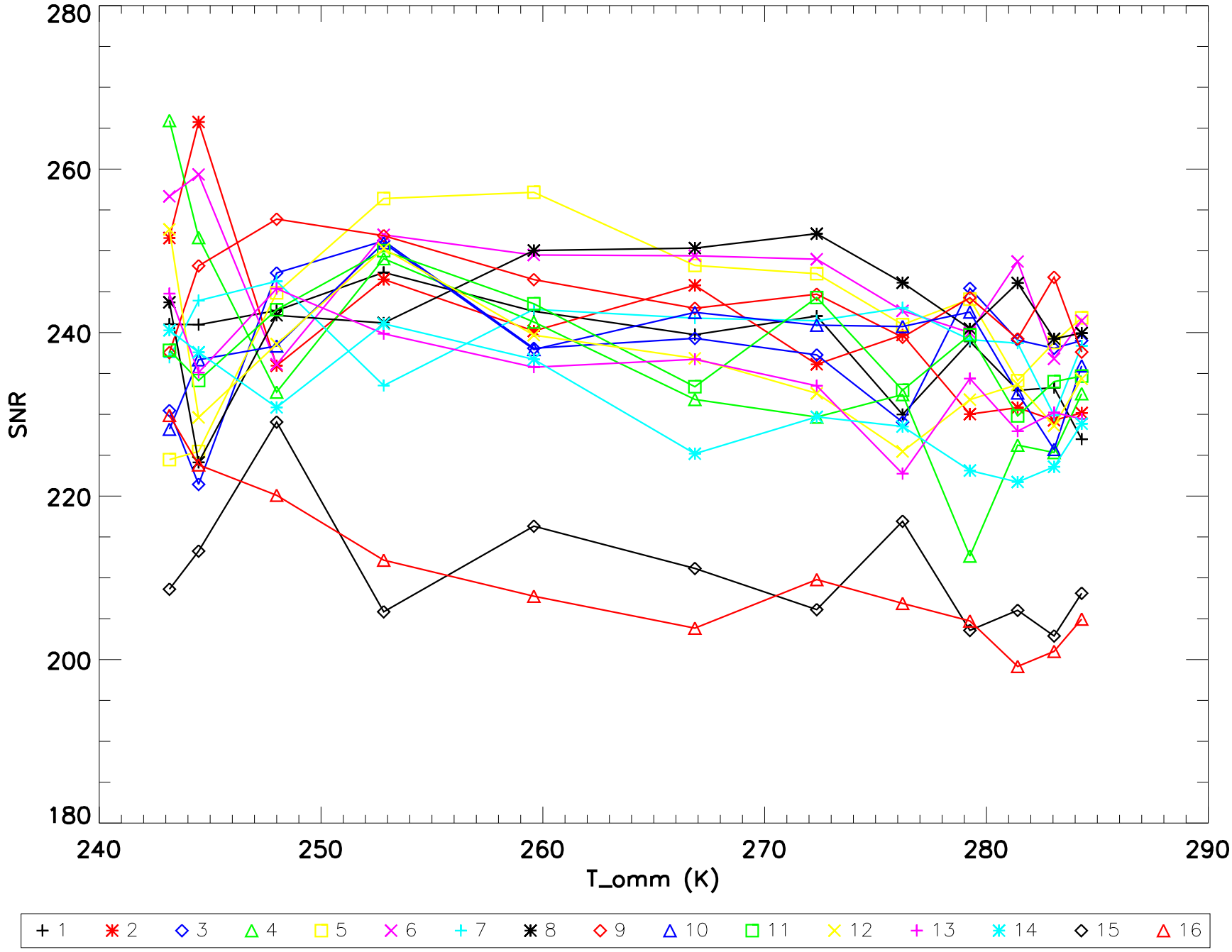

SNR vs T_omm
I3 HAM A SS2
SNR
550
500
450
400
350
300
250
240
250
260
270
280
290
T_omm (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

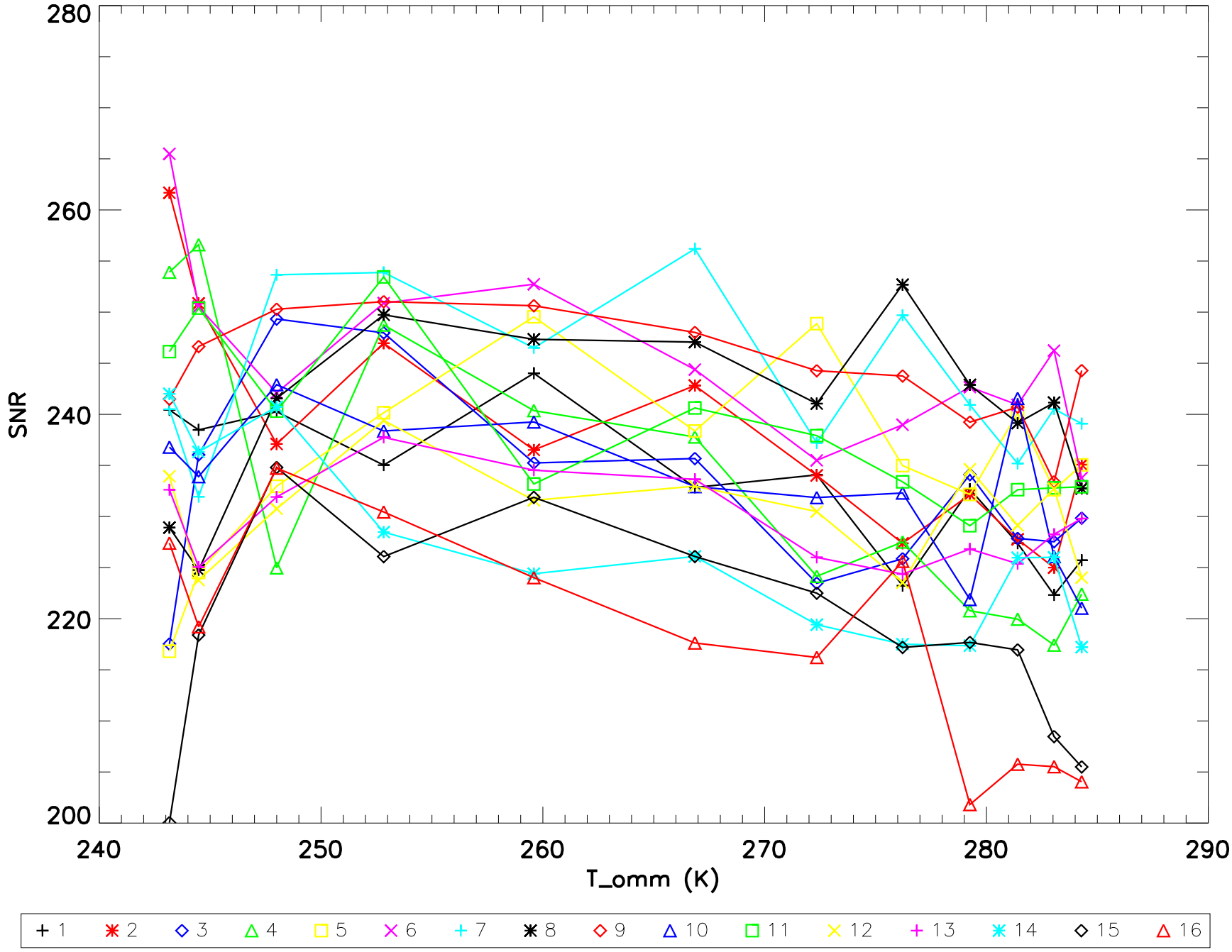

SNR vs T_omm
I3 HAM B SS1
SNR
T_omm (K)
500
450
400
350
300
250
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

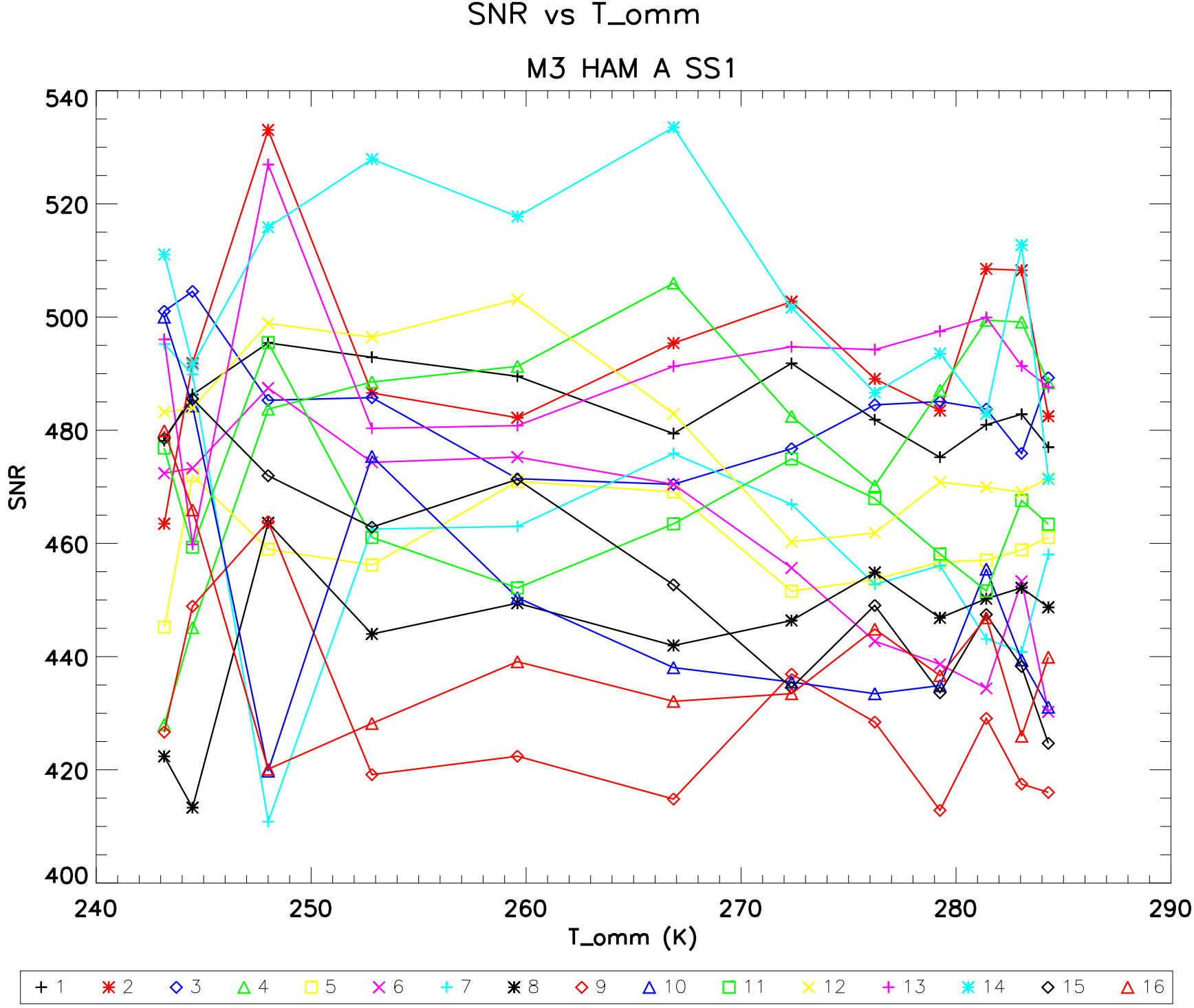

SNR vs T_omm
I3 HAM B SS2
SNR
T_omm (K)
550
500
450
400
350
300
250
240
250
260
270
280
290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

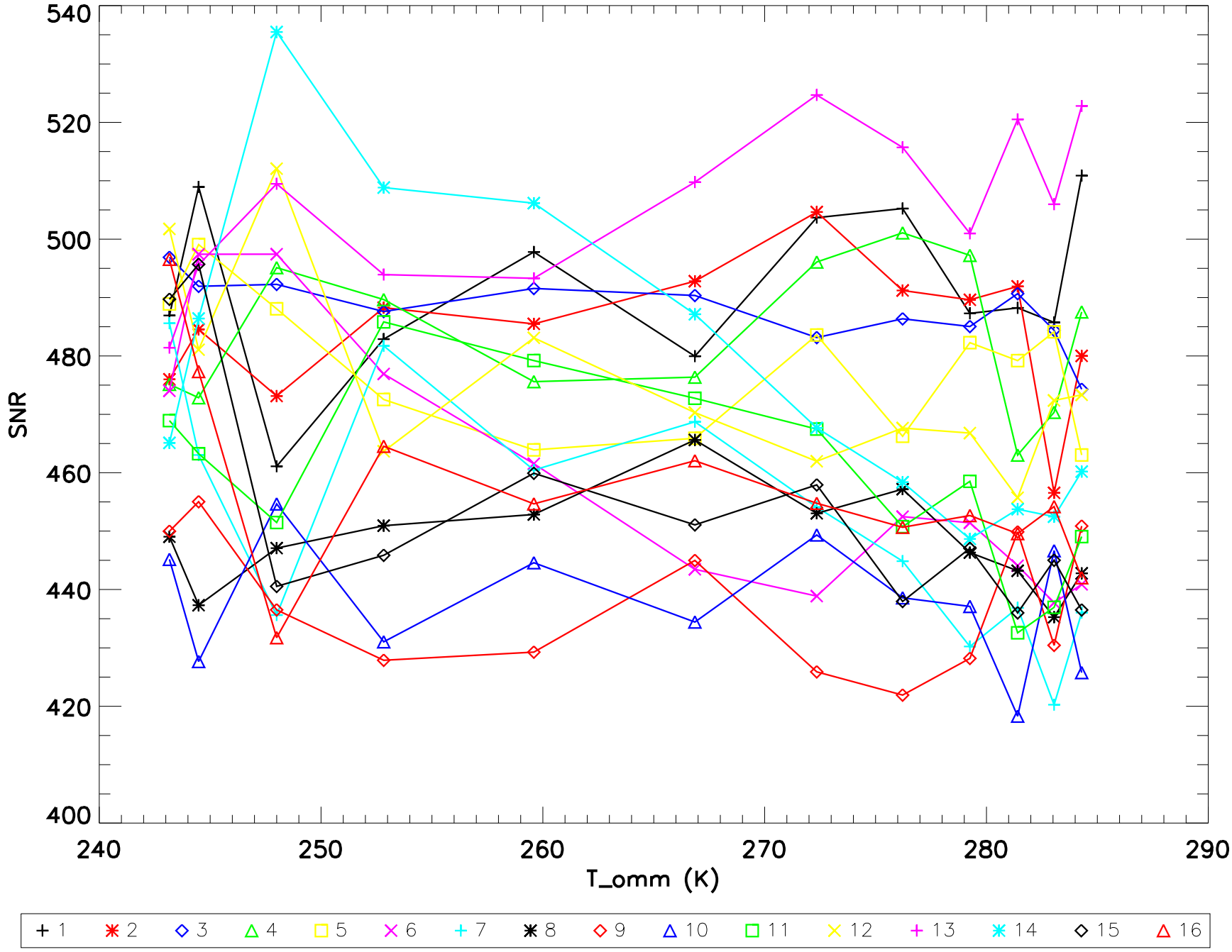

SNR vs T_omm
M1 HAM A SS1
SNR
190
180
170
160
150
140
130
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

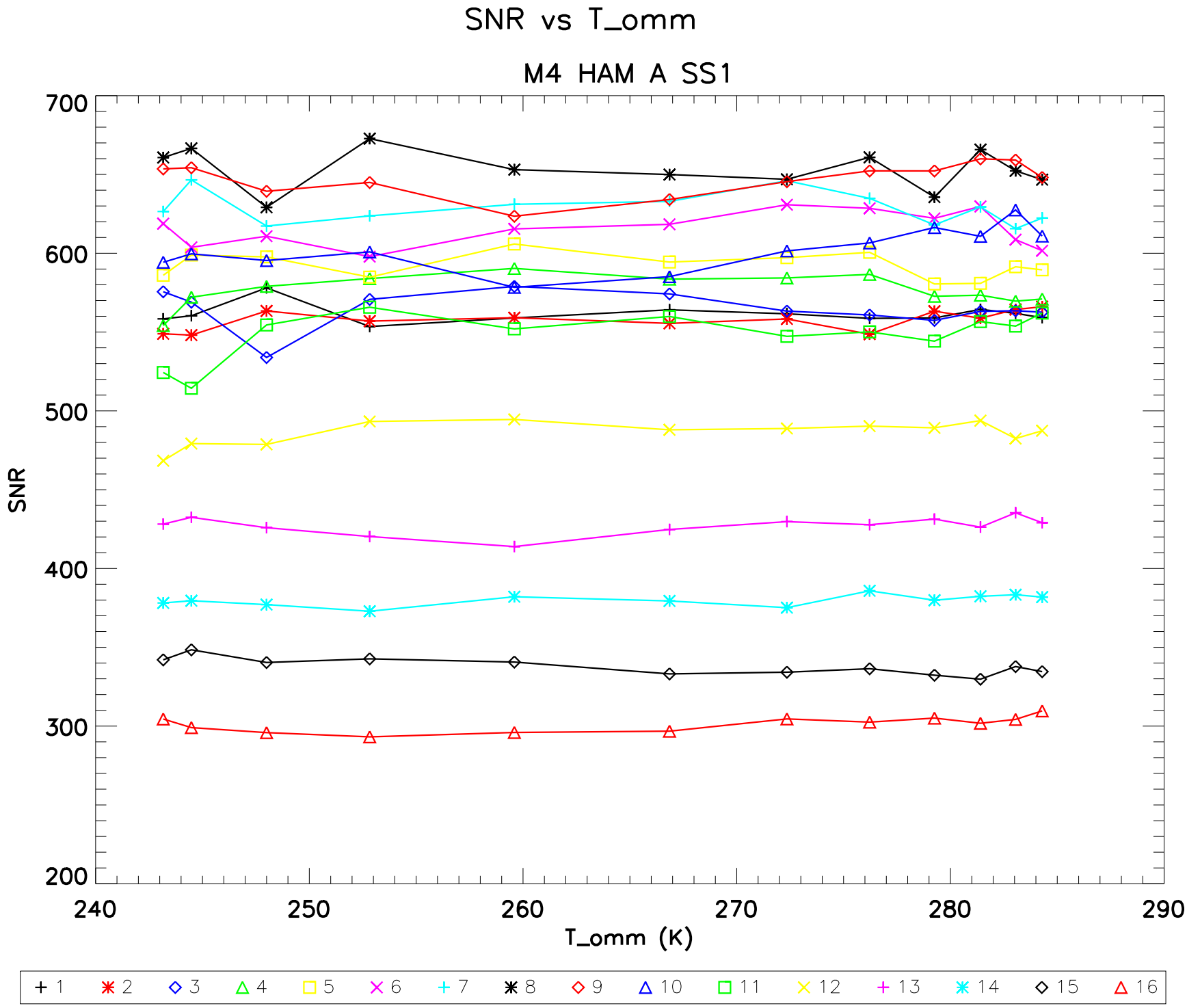

SNR vs T_omm
M1 HAM B SS1
SNR
200
190
180
170
160
150
140
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

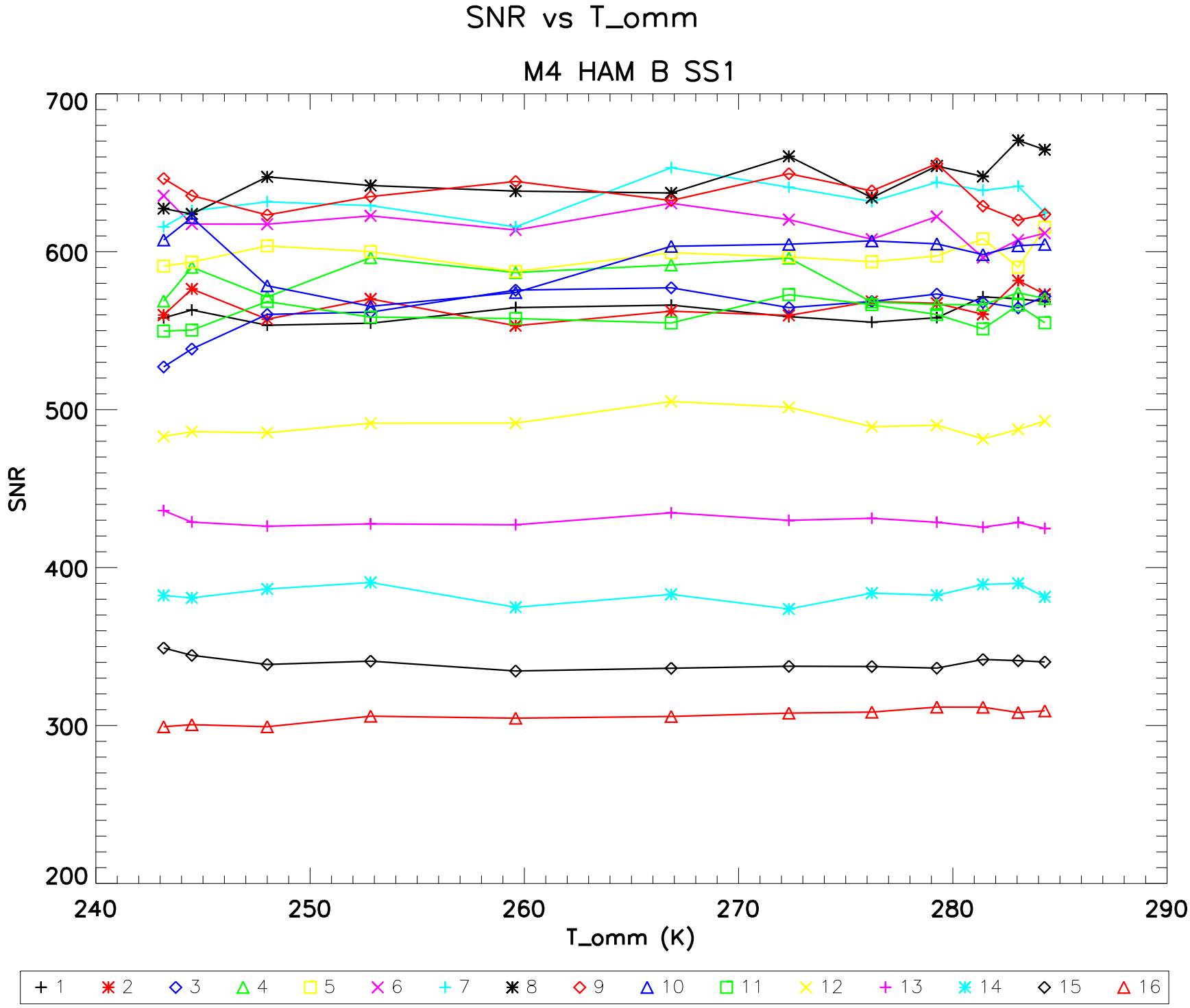

SNR vs T_omm
M2 HAM A SS1
SNR
T_omm (K)
280
260
240
220
200
180
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

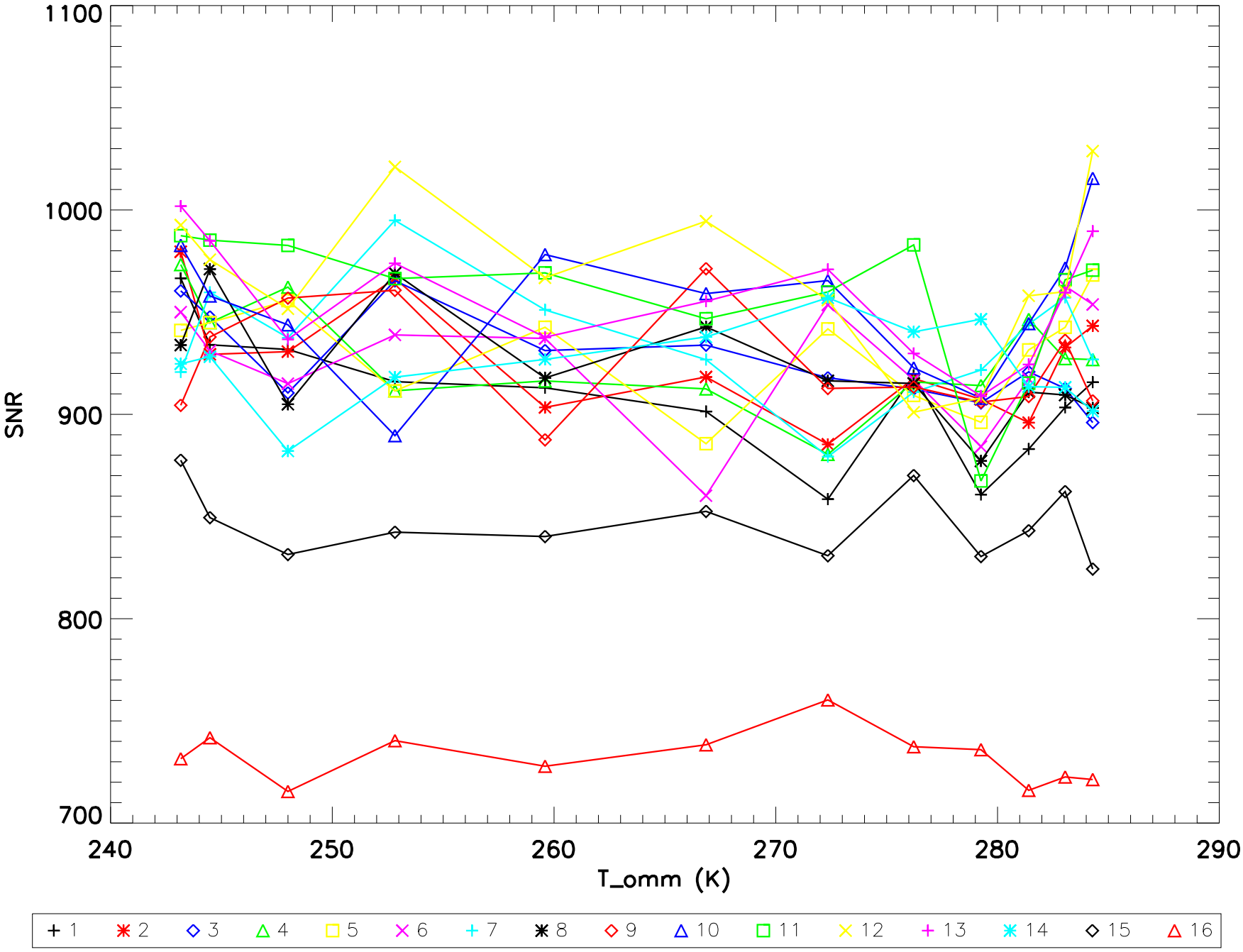

SNR vs T_omm
M2 HAM B SS1
SNR
T_omm (K)
280
260
240
220
200
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

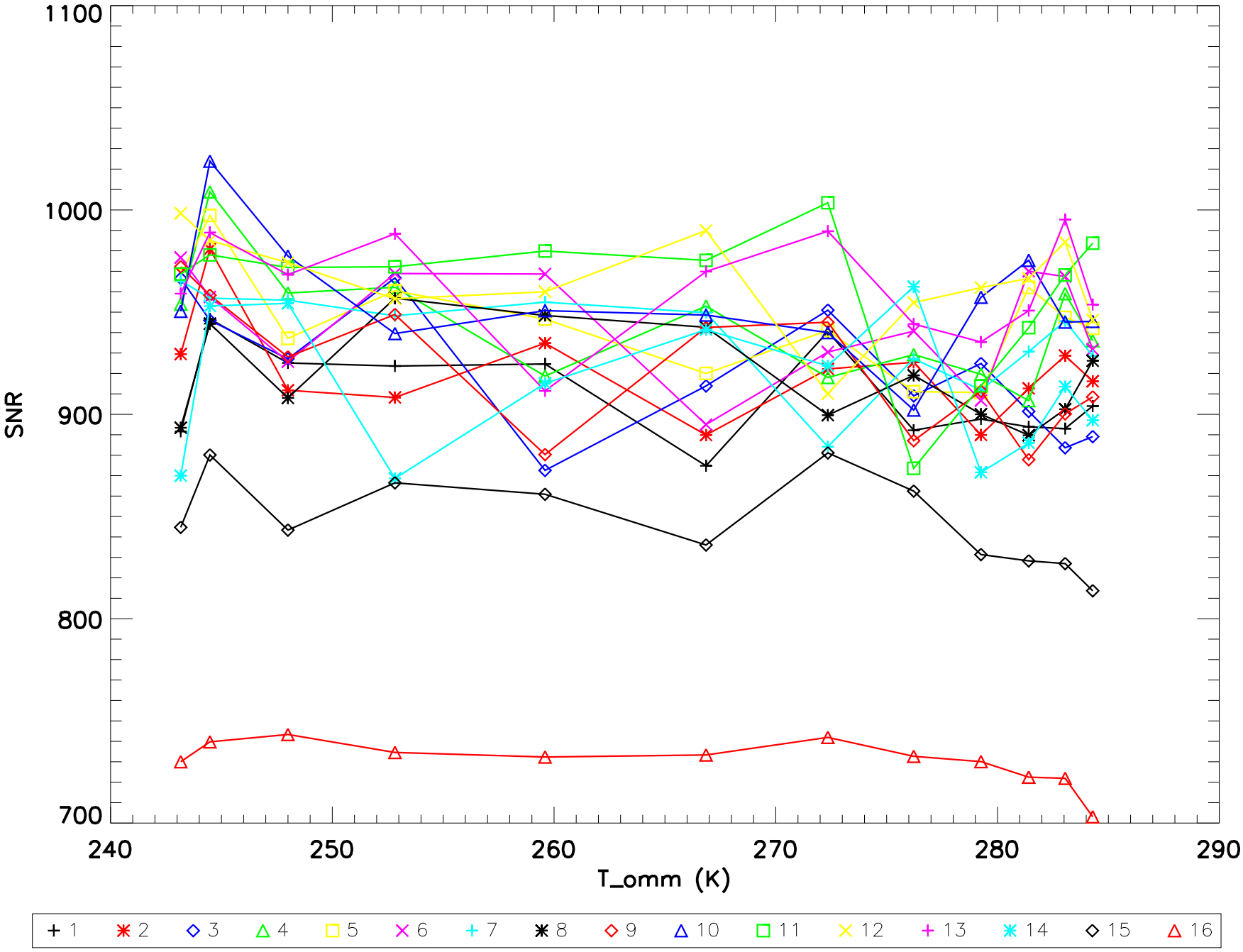

SNR vs T_omm
M3 HAM A SS1
SNR
T_omm (K)
540
520
500
480
460
440
420
400
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

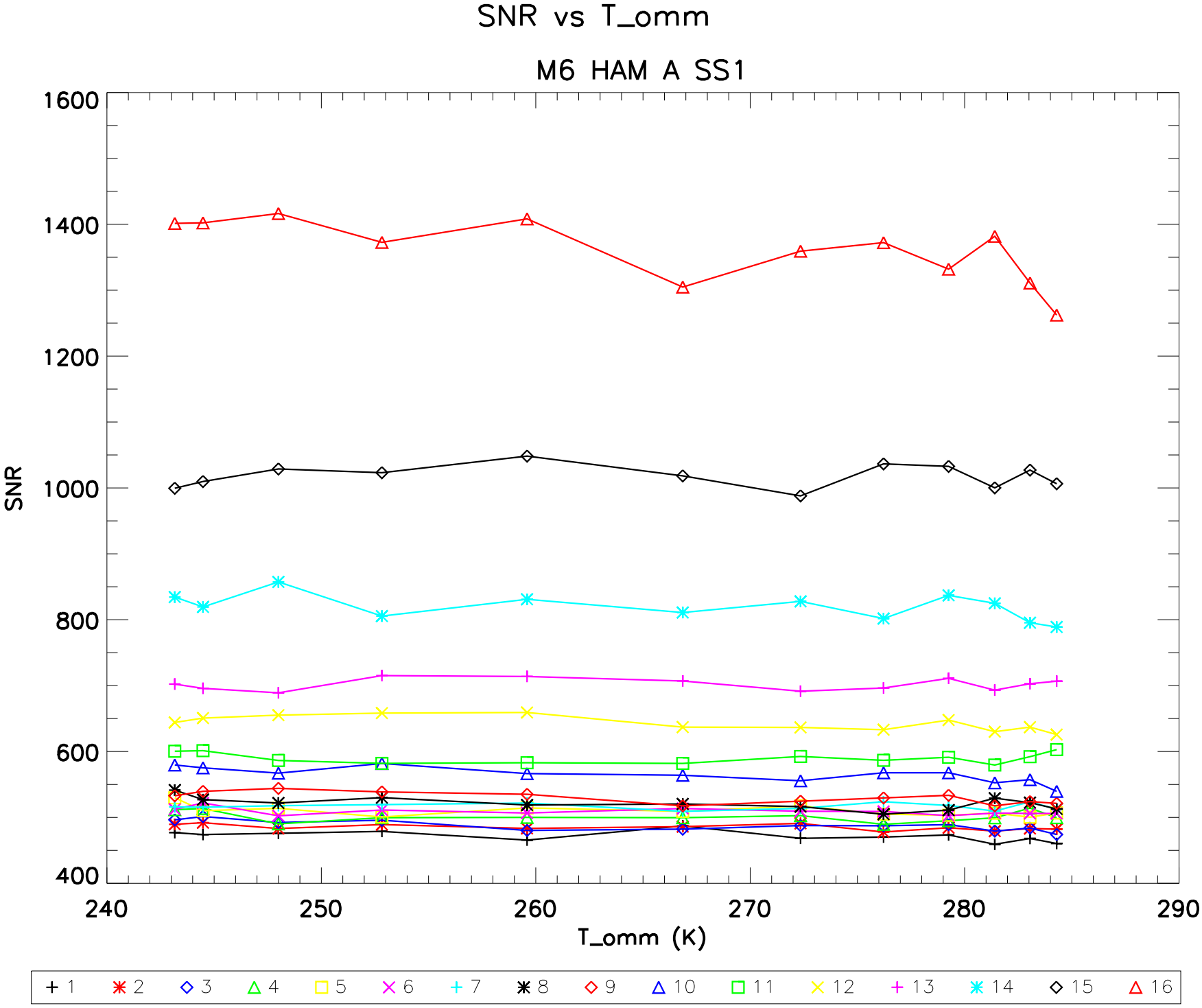

SNR vs T_omm
M3 HAM B SS1
SNR
T_omm (K)
540
520
500
480
460
440
420
400
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

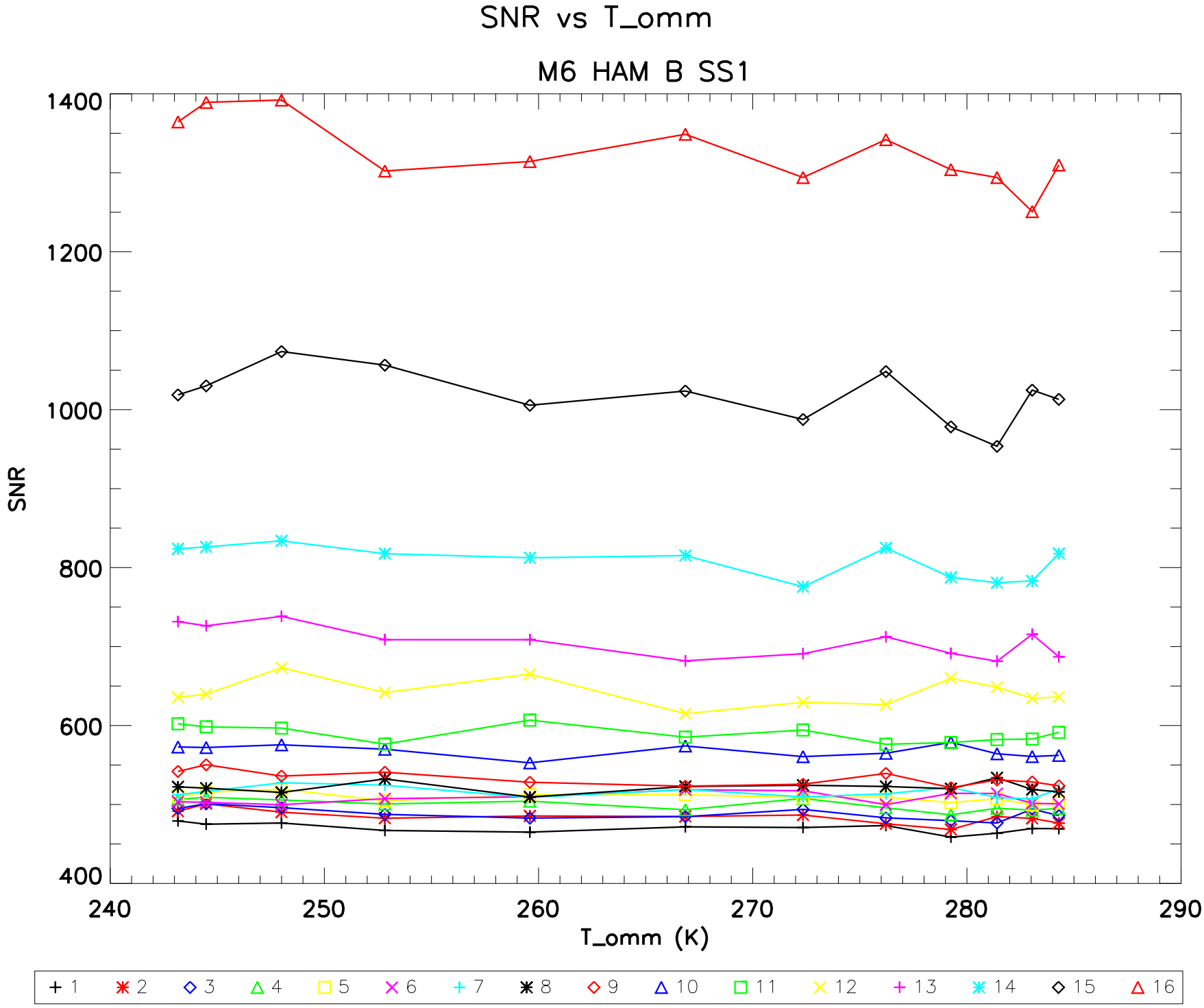

SNR vs T_omm
M4 HAM A SS1
700
600
500
400
300
200
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

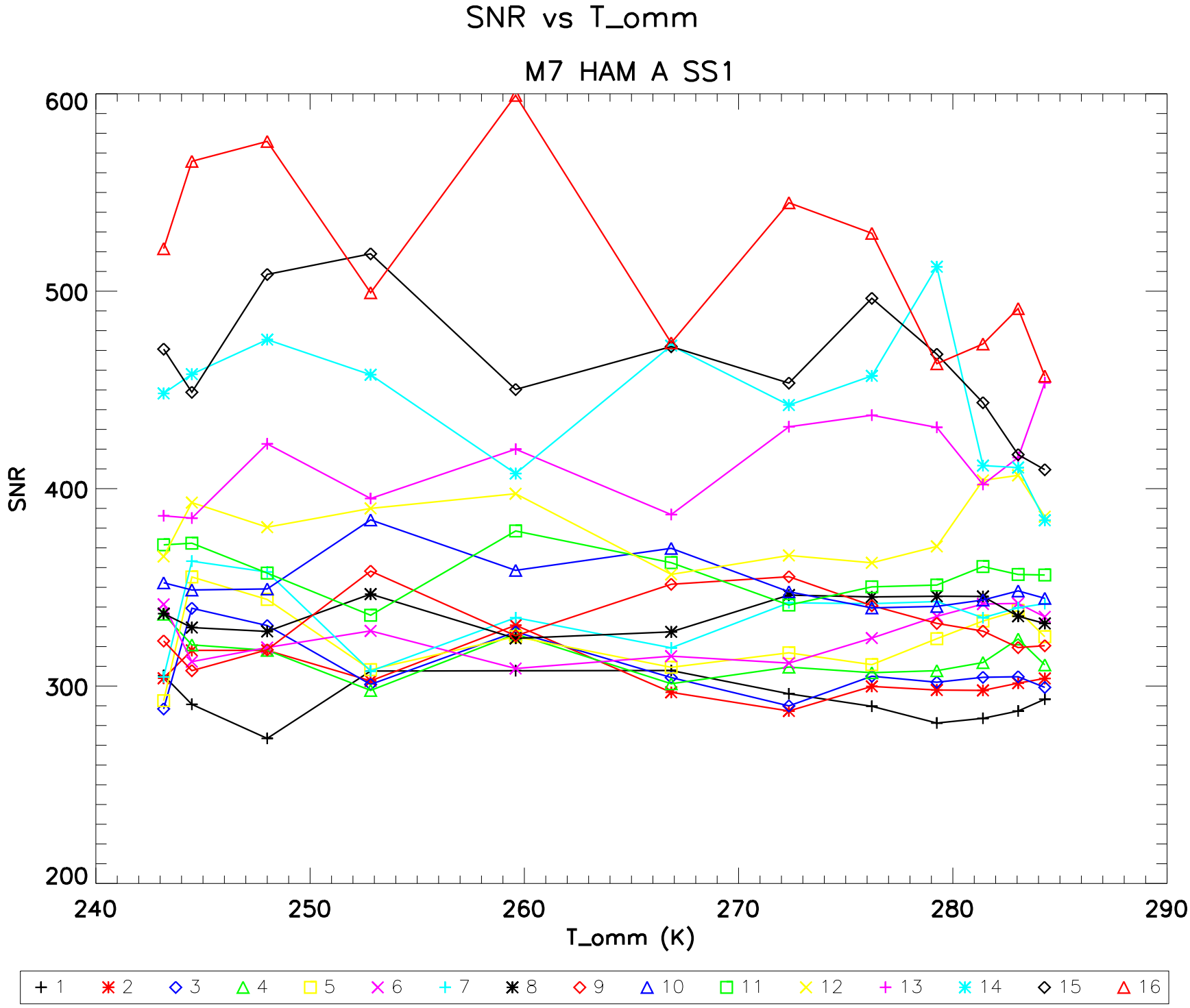

SNR vs T_omm
M4 HAM B SS1
700
600
500
400
300
200
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

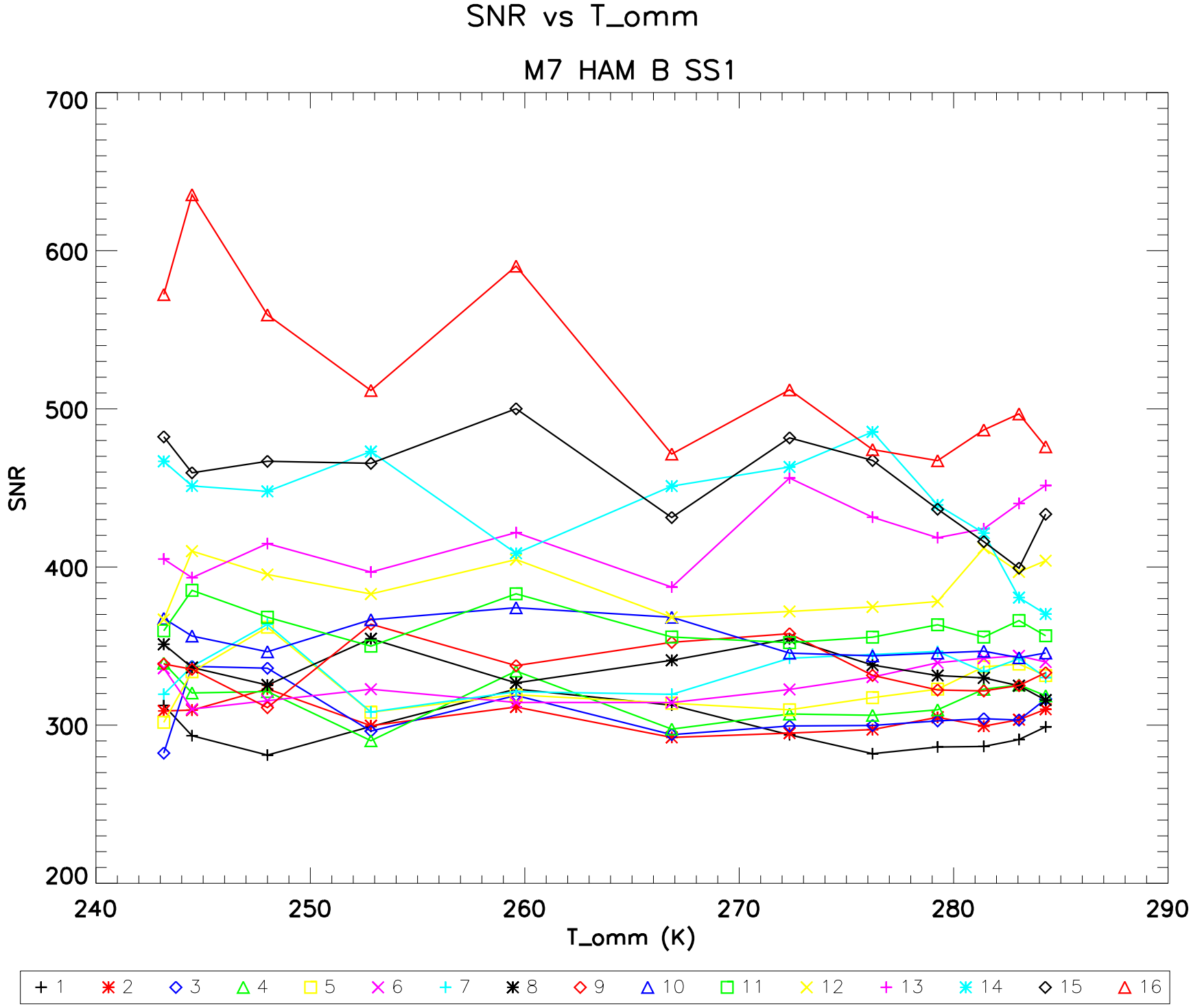

SNR vs T_omm
M5 HAM A SS1
SNR
1100
1000
900
800
700
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

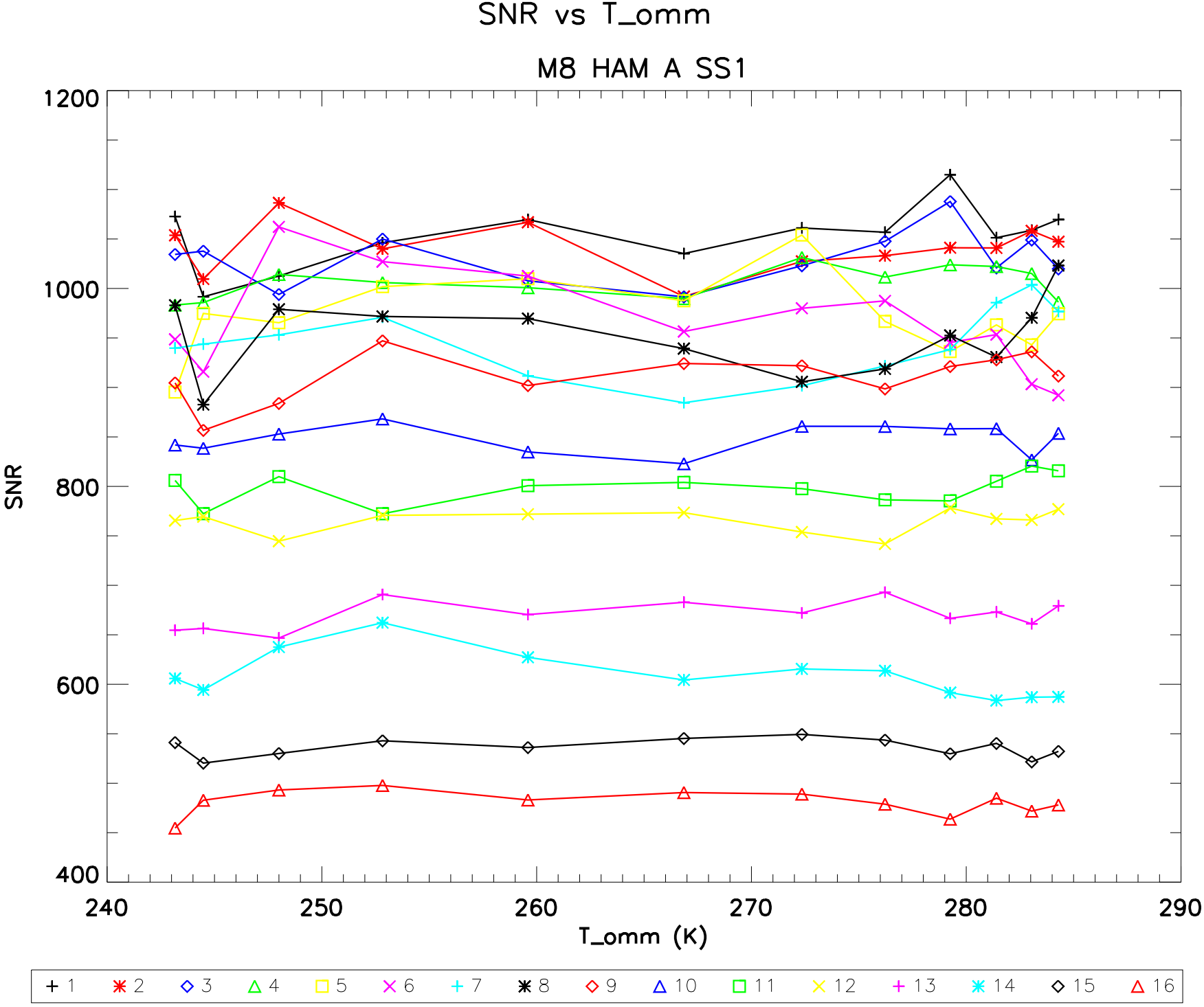

SNR vs T_omm
M5 HAM B SS1
SNR
1100
1000
900
800
700
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

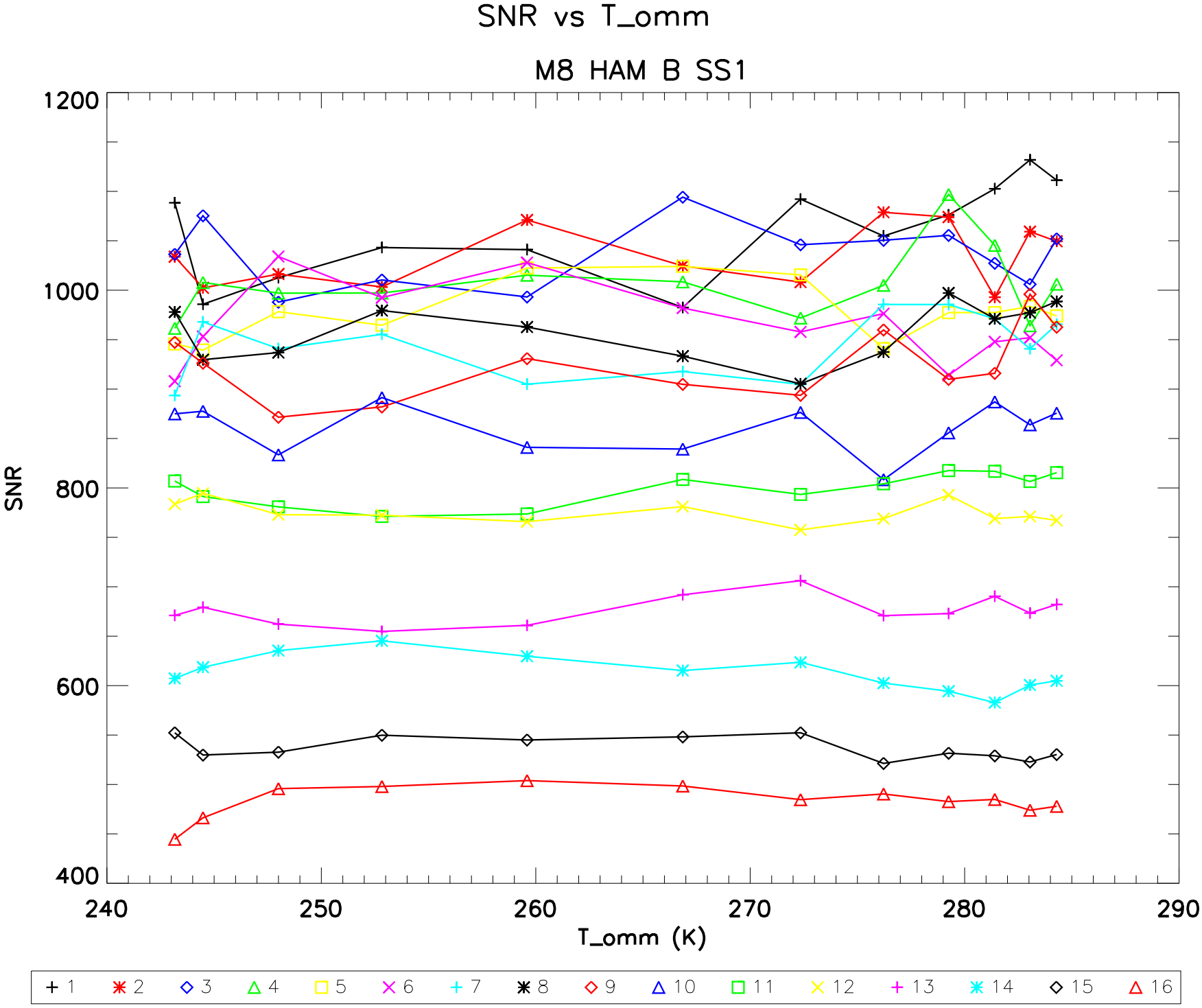

SNR vs T_omm
M6 HAM A SS1
SNR
1600
1400
1200
1000
800
600
400
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

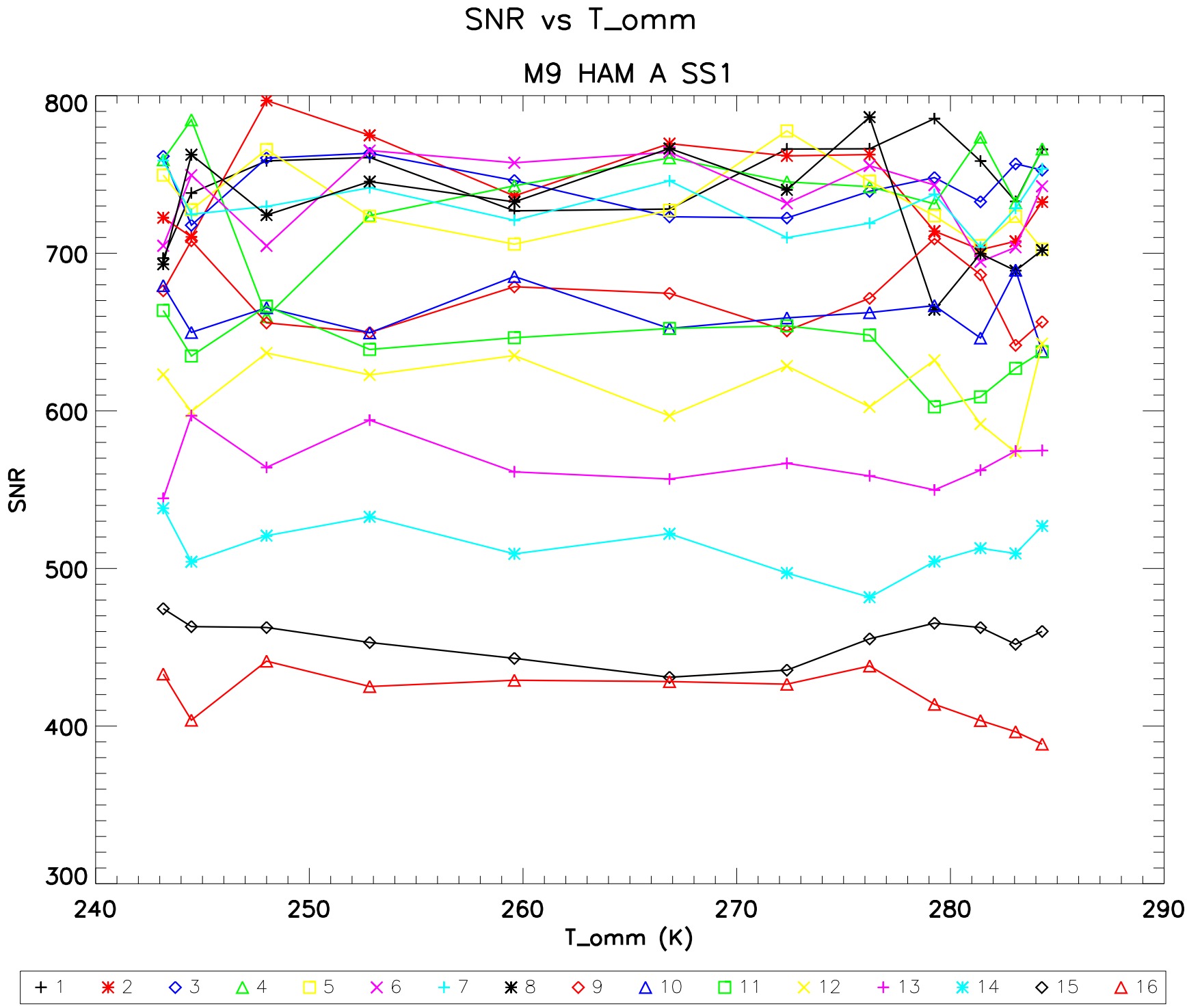

SNR vs T_omm
M6 HAM B SS1
SNR
T_omm (K)
1400
1200
1000
800
600
400
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

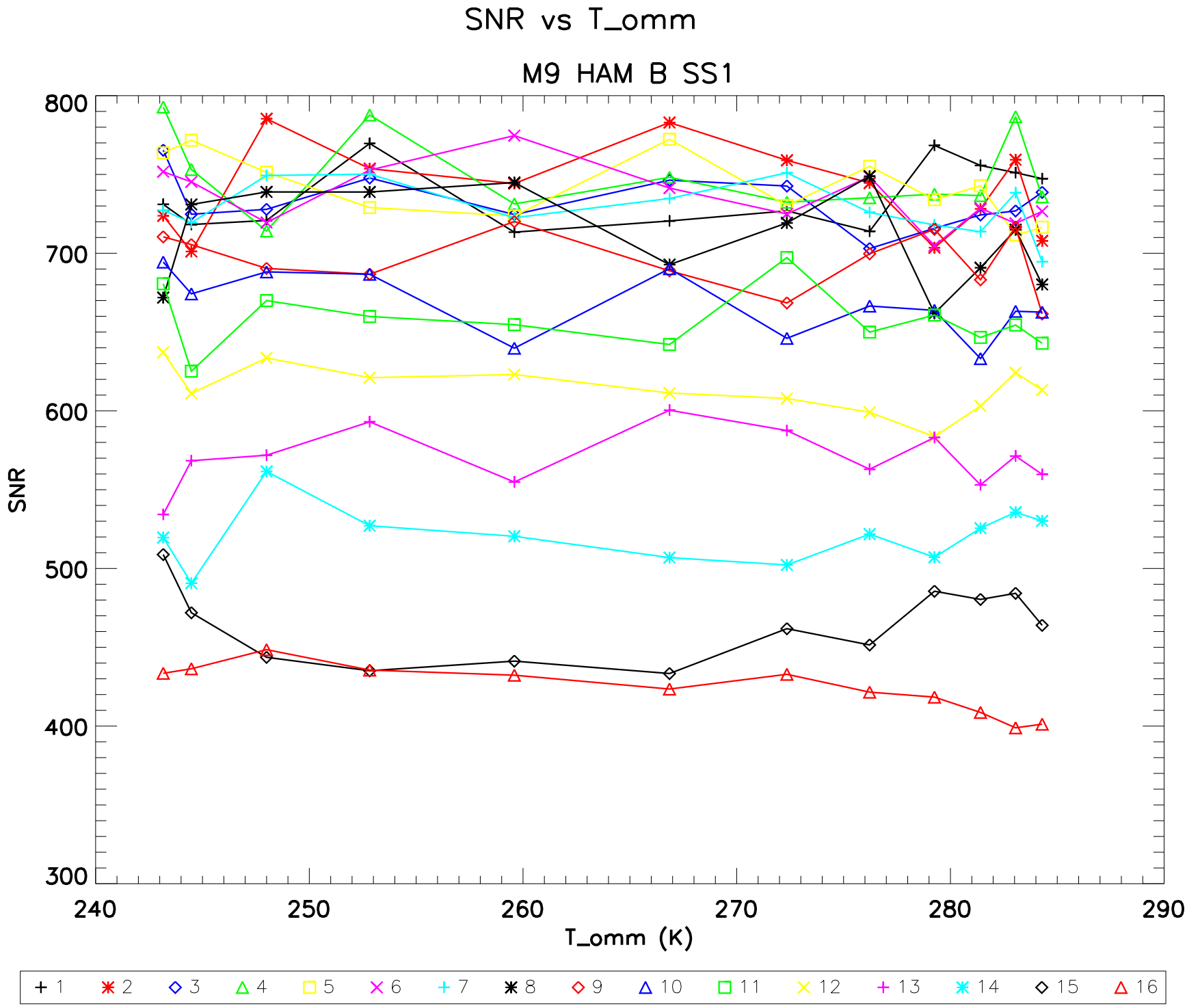

SNR vs T_omm
M7 HAM A SS1
SNR
600
500
400
300
200
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

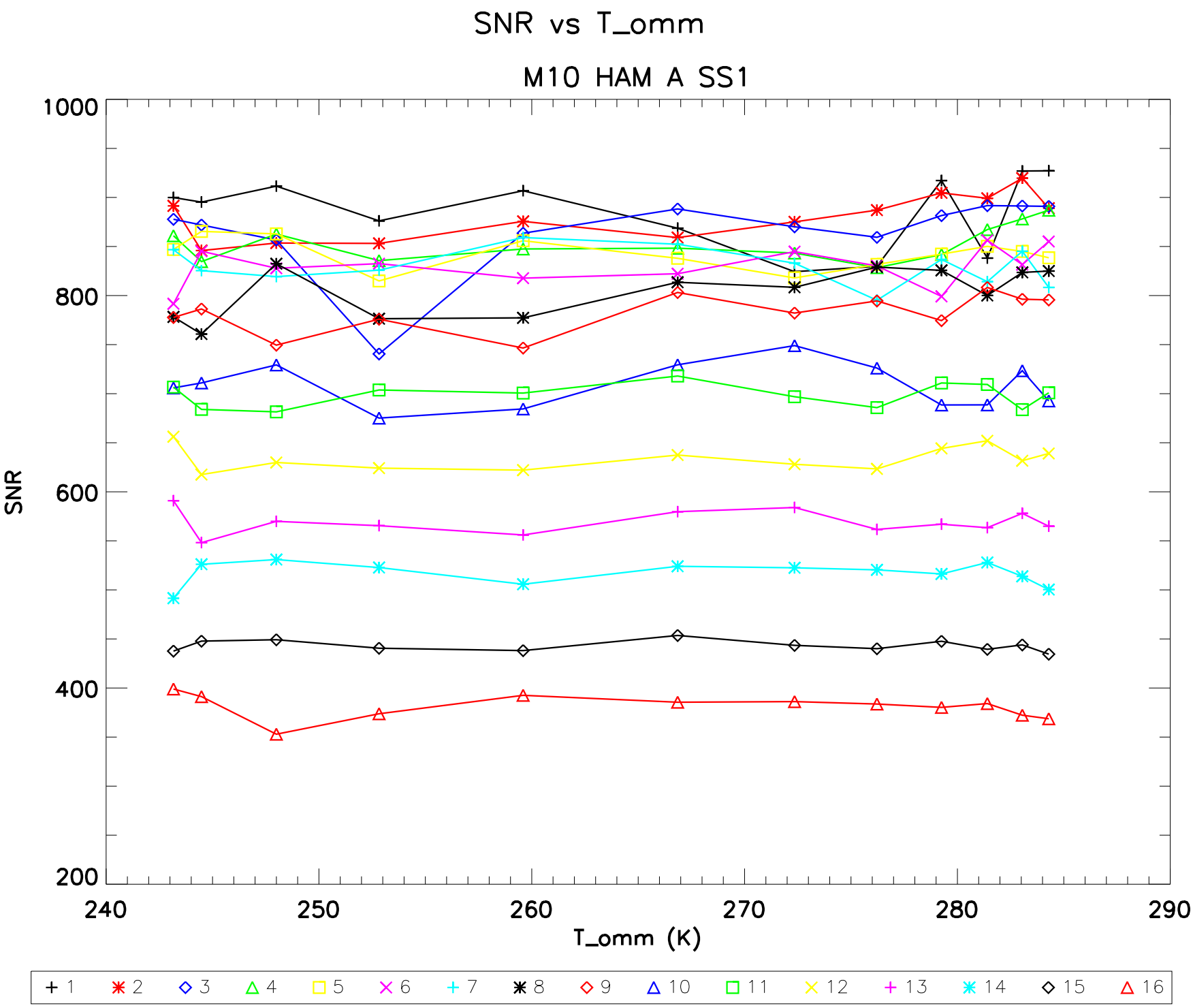

SNR vs T_omm
M7 HAM B SS1
SNR
700
600
500
400
300
200
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

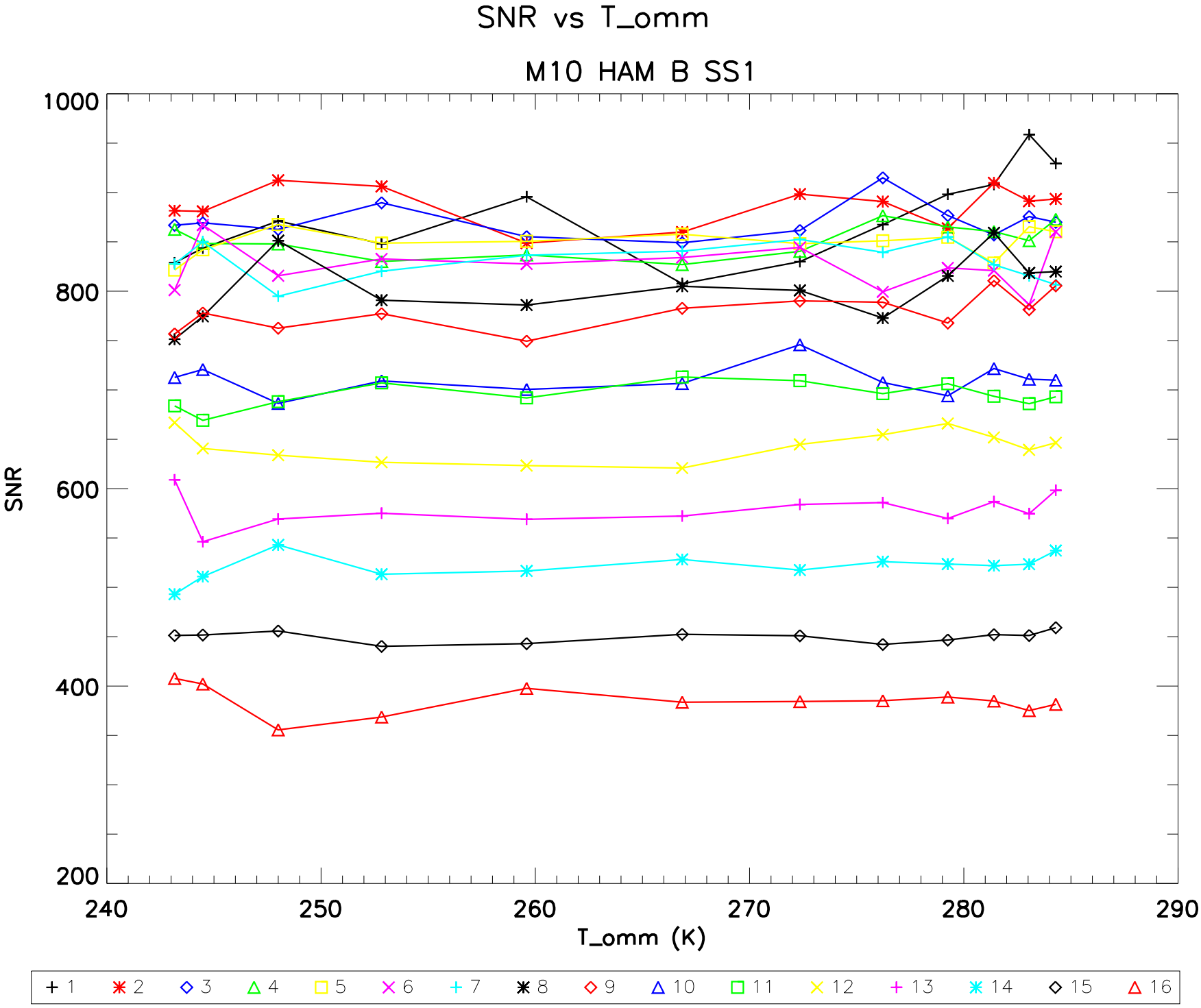

SNR vs T_omm
M8 HAM A SS1
SNR
1200
1000
800
600
400
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

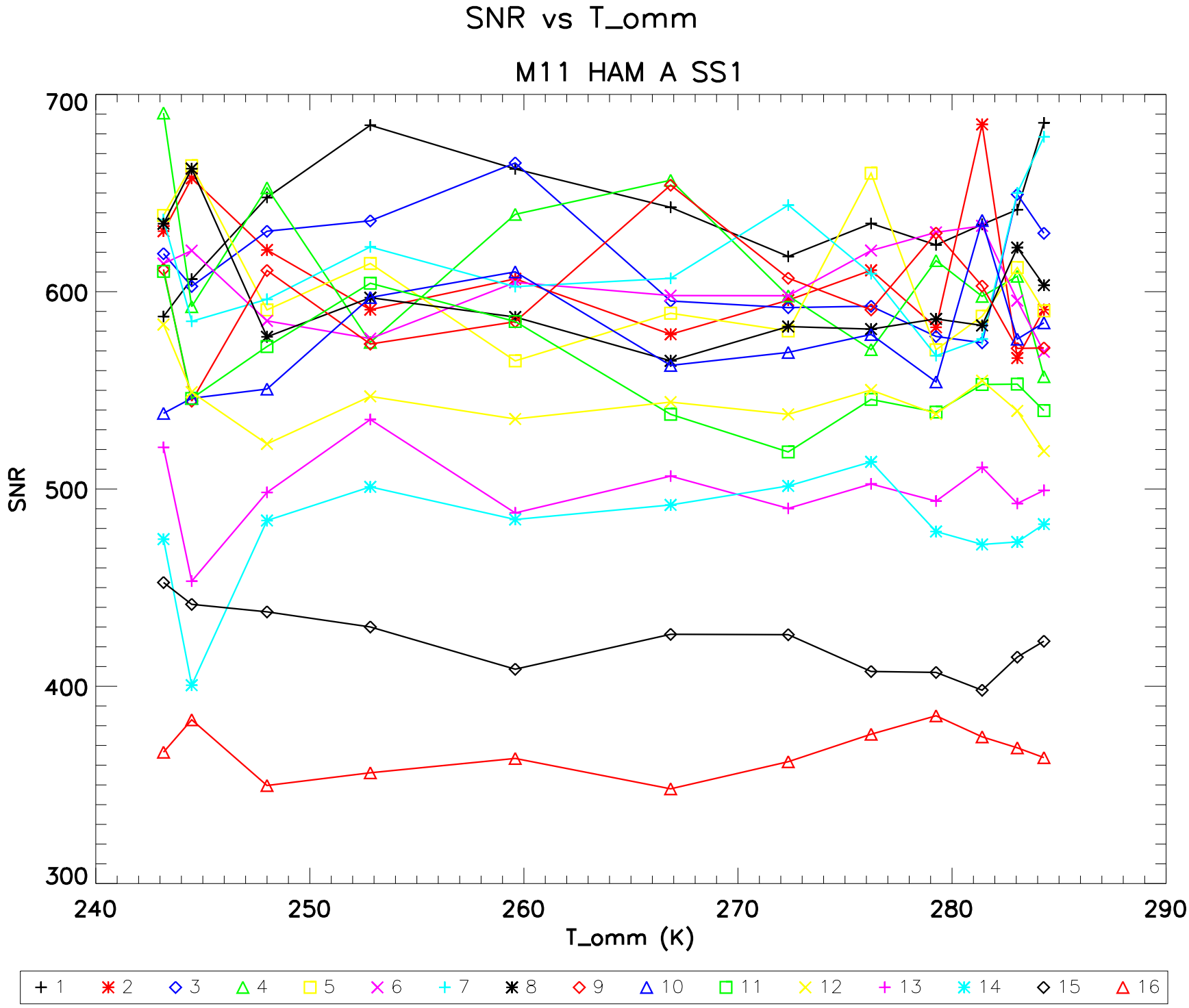

SNR vs T_omm
M8 HAM B SS1
SNR
T_omm (K)
1200
1000
800
600
400
240
250
260
270
280
290
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

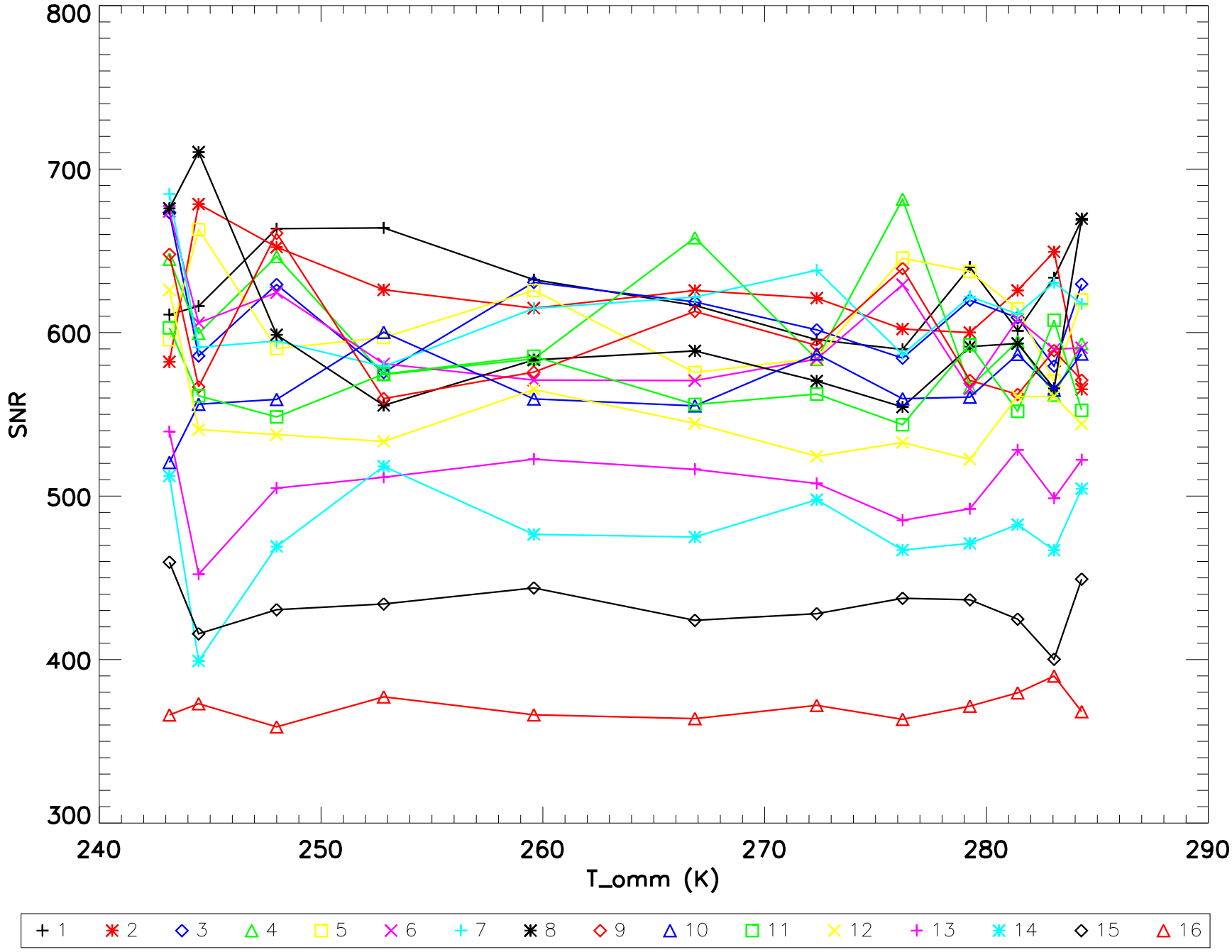

SNR vs T_omm
M9 HAM A SS1
800
700
600
500
400
300
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


SNR vs T_omm
M9 HAM B SS1
800
700
600
500
400
300
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


SNR vs T_omm
M10 HAM A SS1
1000
800
600
400
200
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


SNR vs T_omm
M10 HAM B SS1
SNR
1000
800
600
400
200
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


SNR vs T_omm
M11 HAM A SS1
SNR
700
600
500
400
300
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


SNR vs T_omm
M11 HAM B SS1
800
700
600
500
400
300
SNR
240
250
260
270
280
290
T_omm (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16