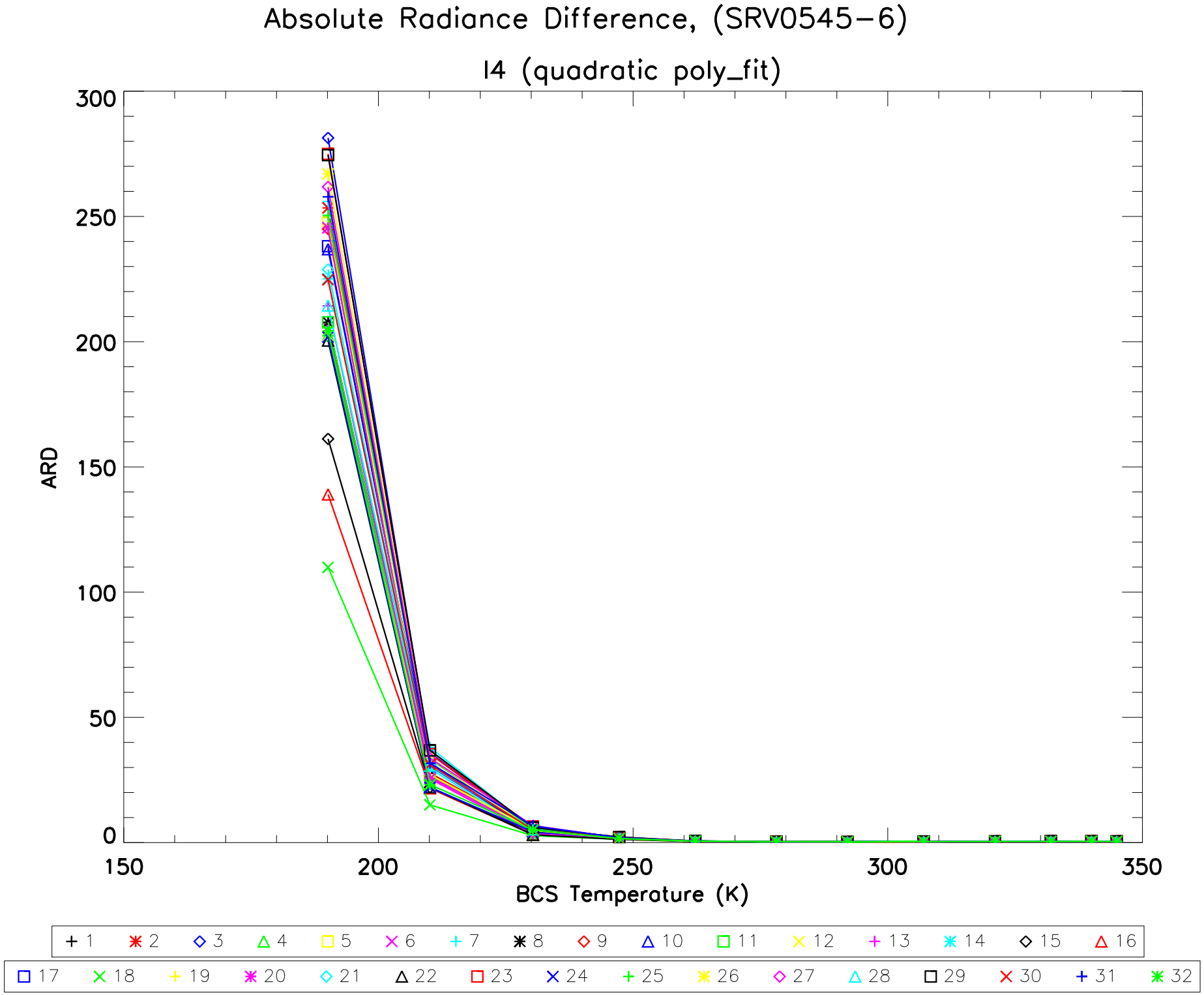
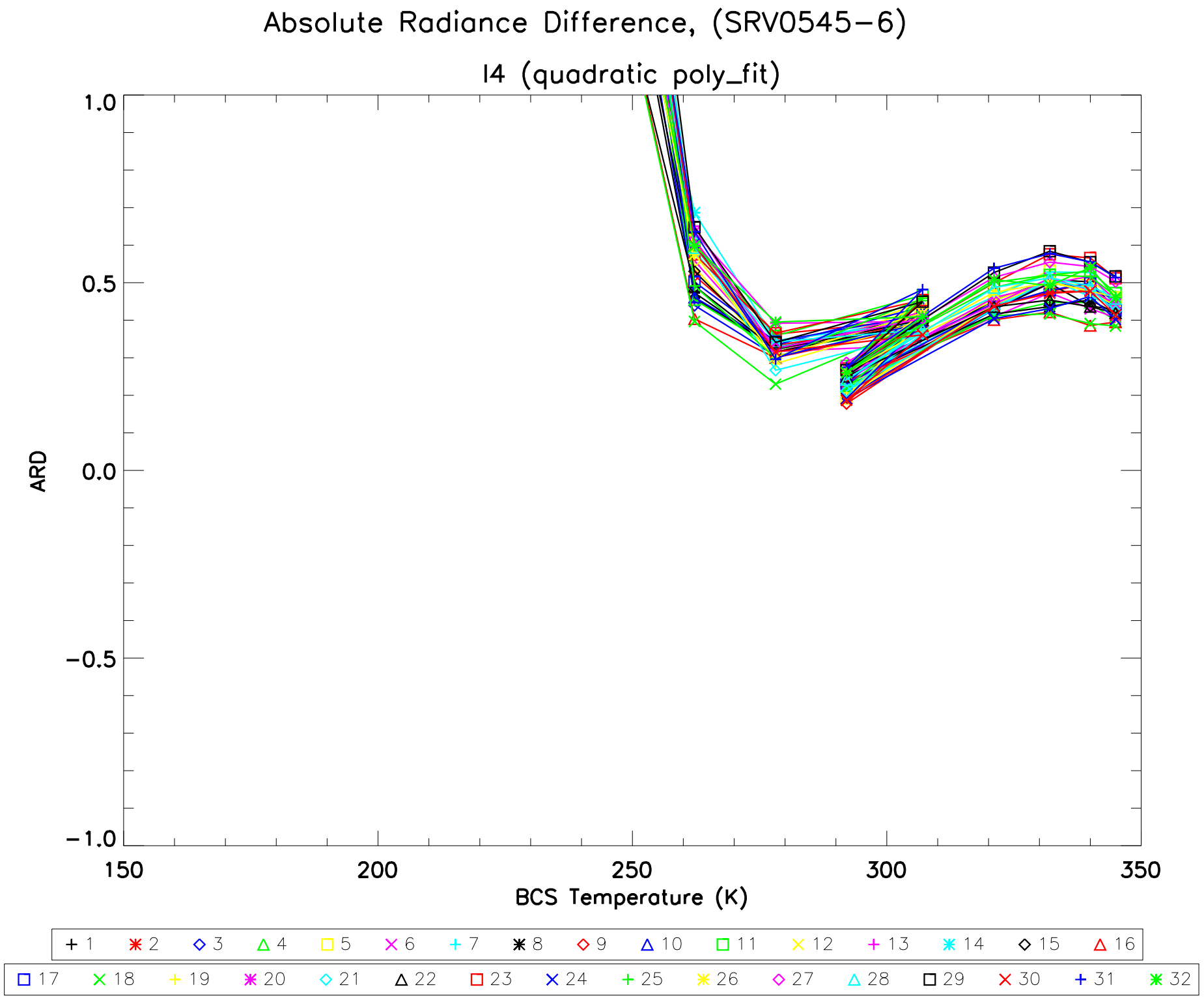
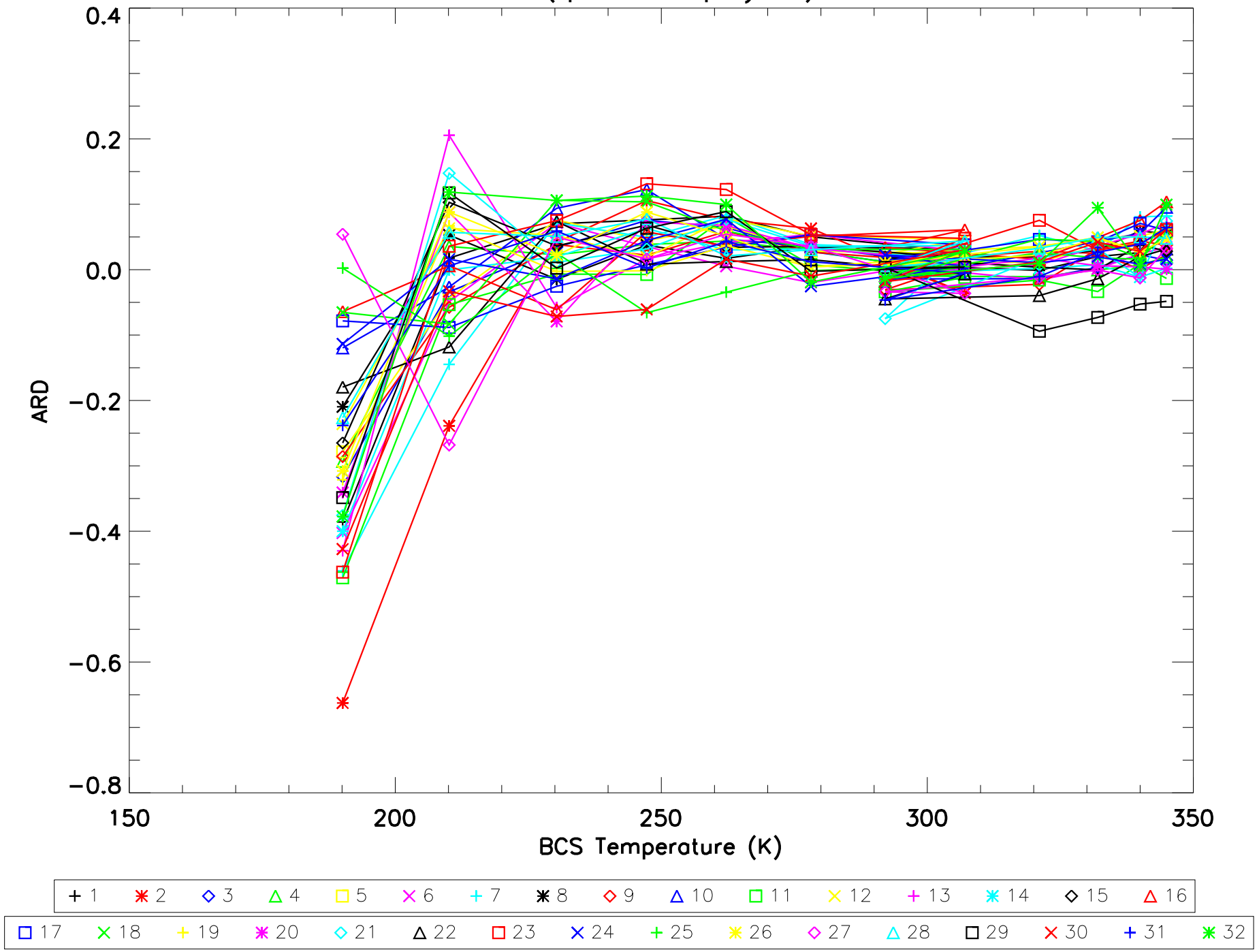
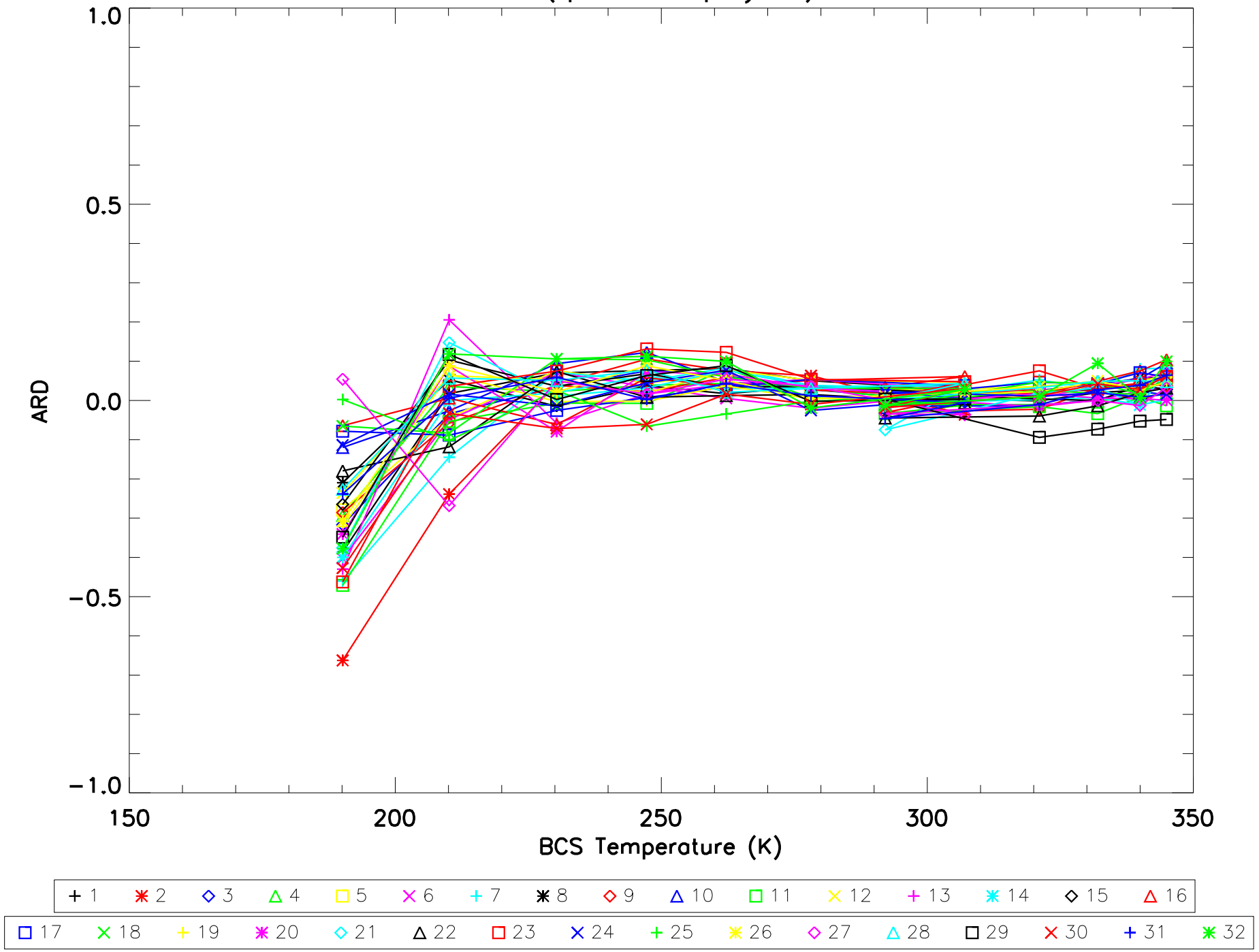
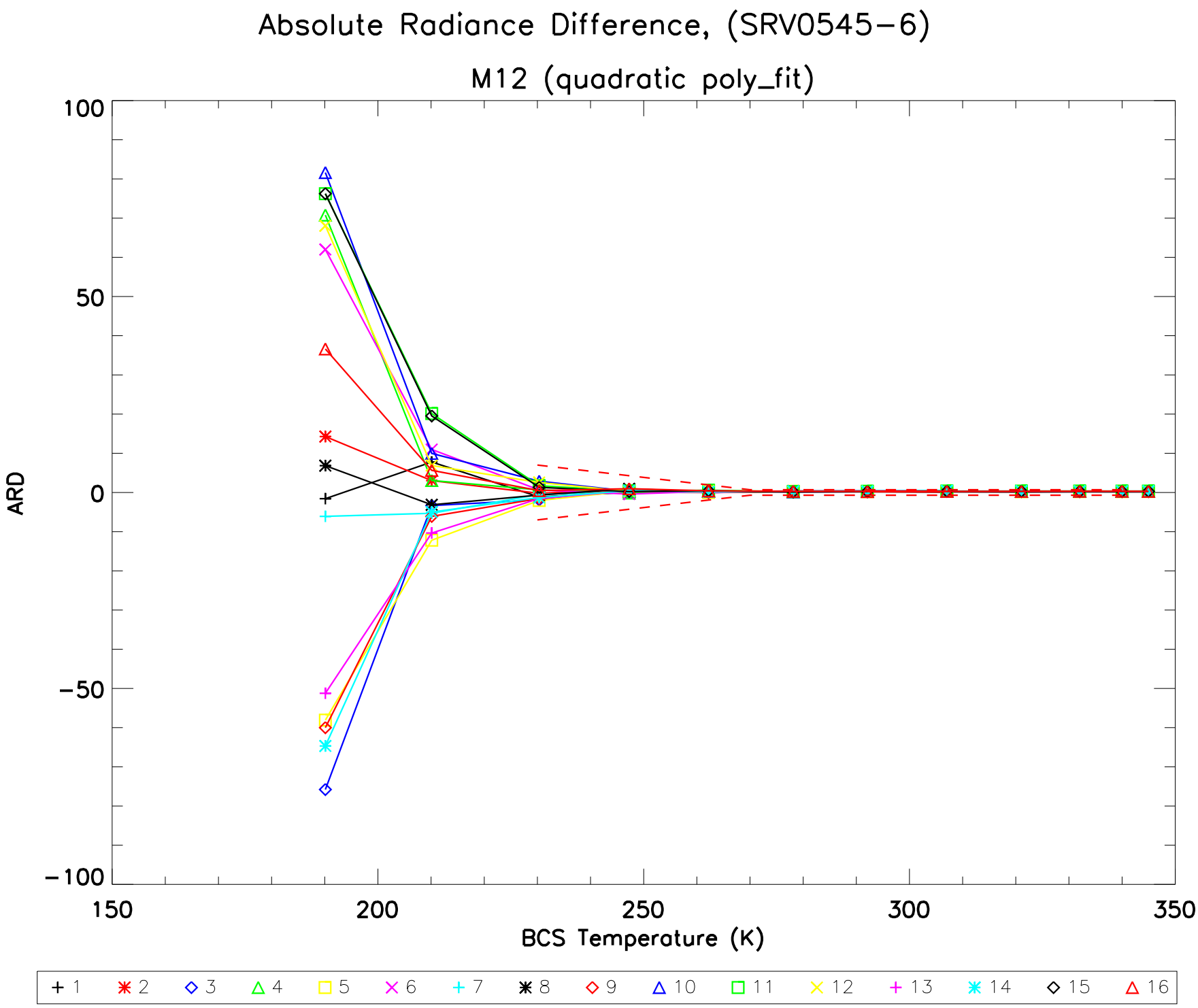
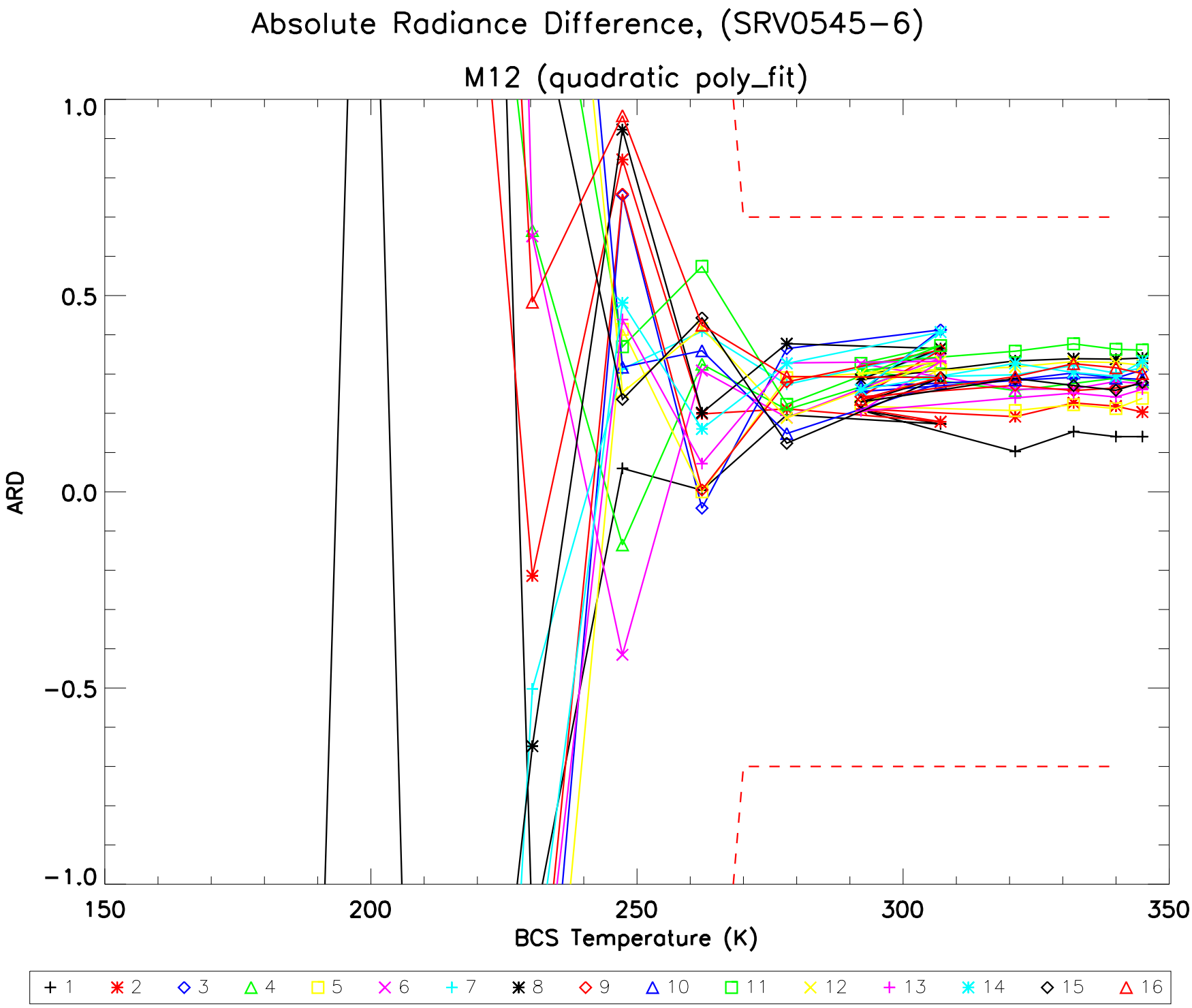

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
ARD
BCS Temperature (K)
300
250
200
150
100
50
0
150
200
250
300
350
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

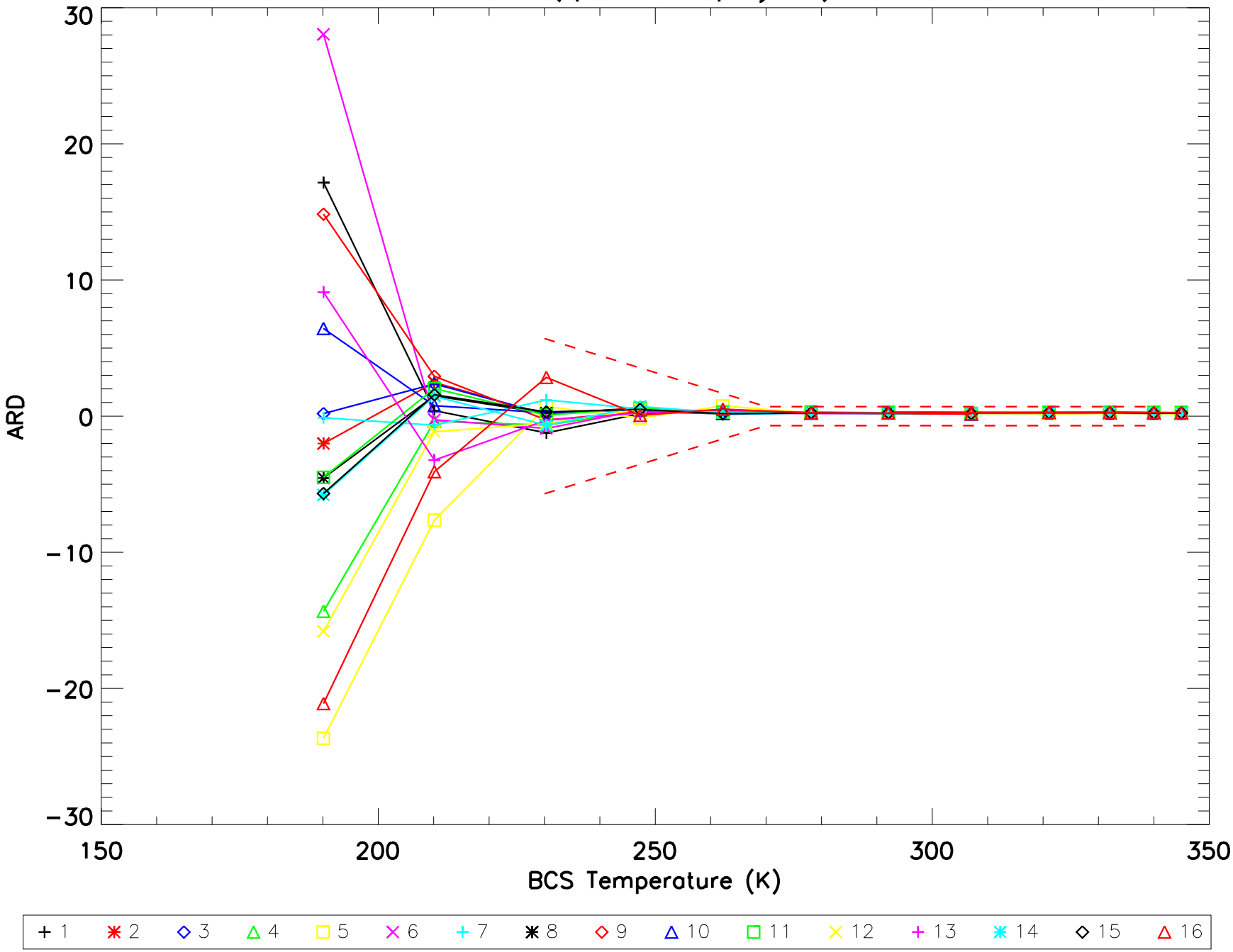

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
1.0
0.5
0.0
−0.5
−1.0
ARD
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

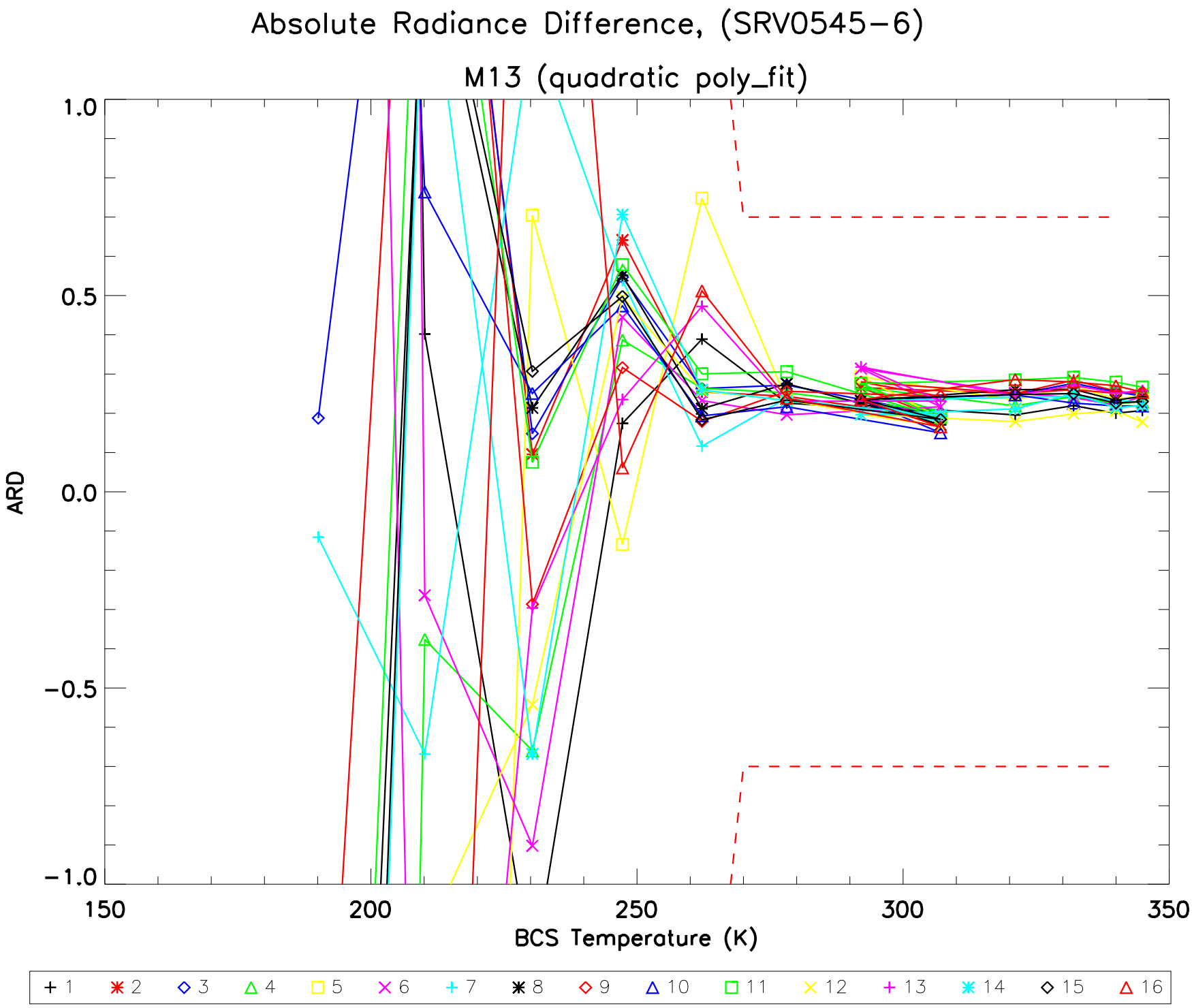

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

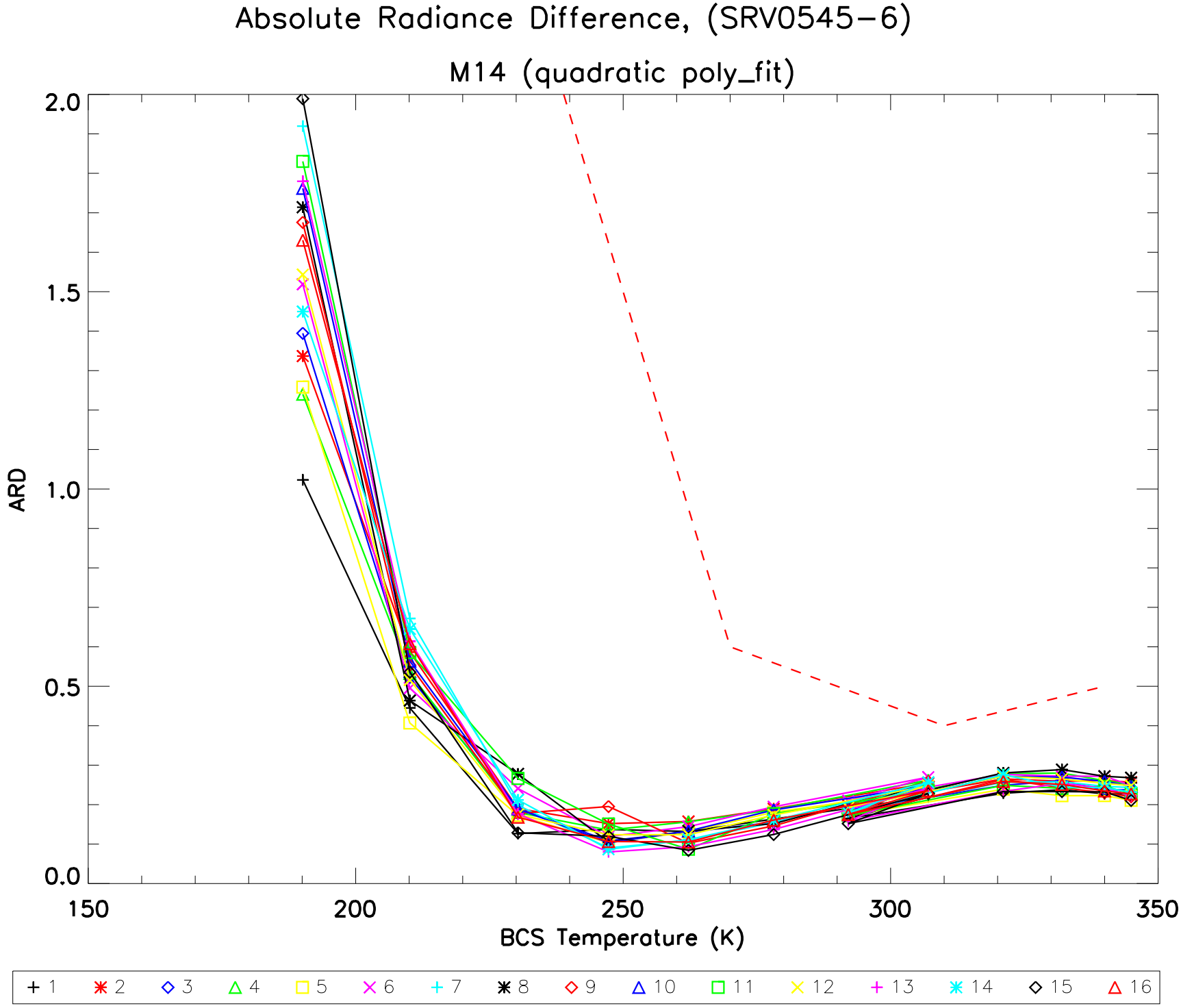

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

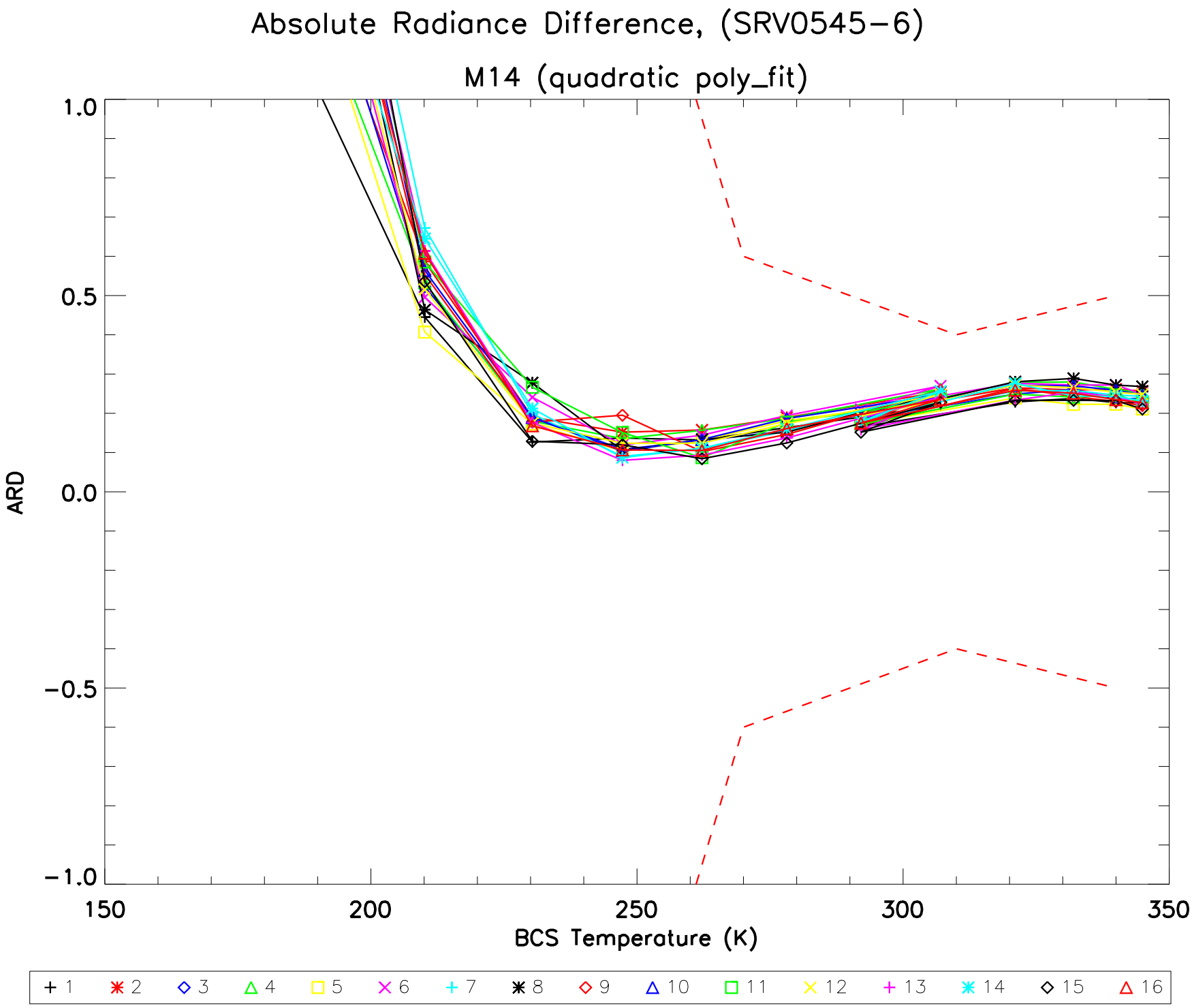

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
100
50
0
-50
-100
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

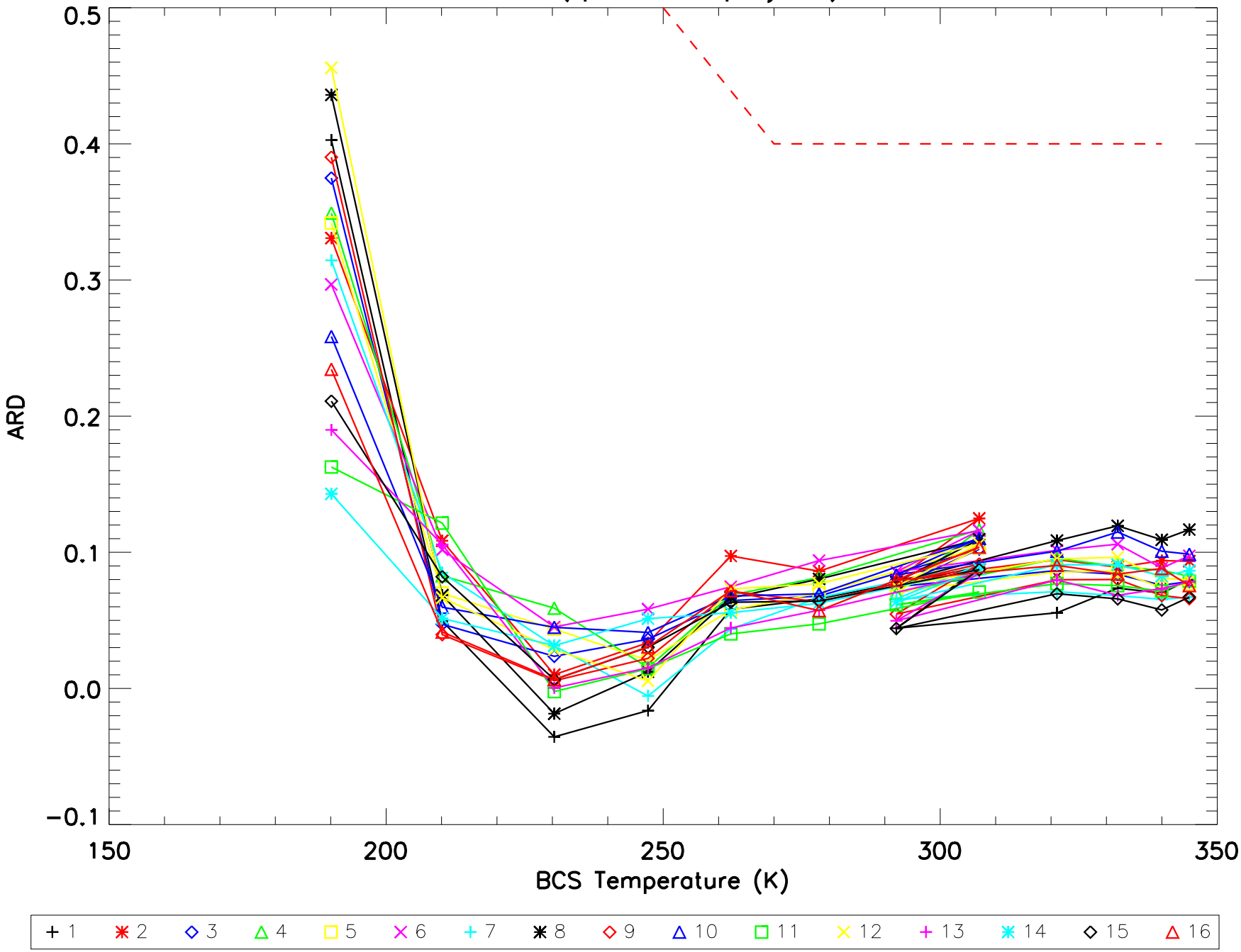

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

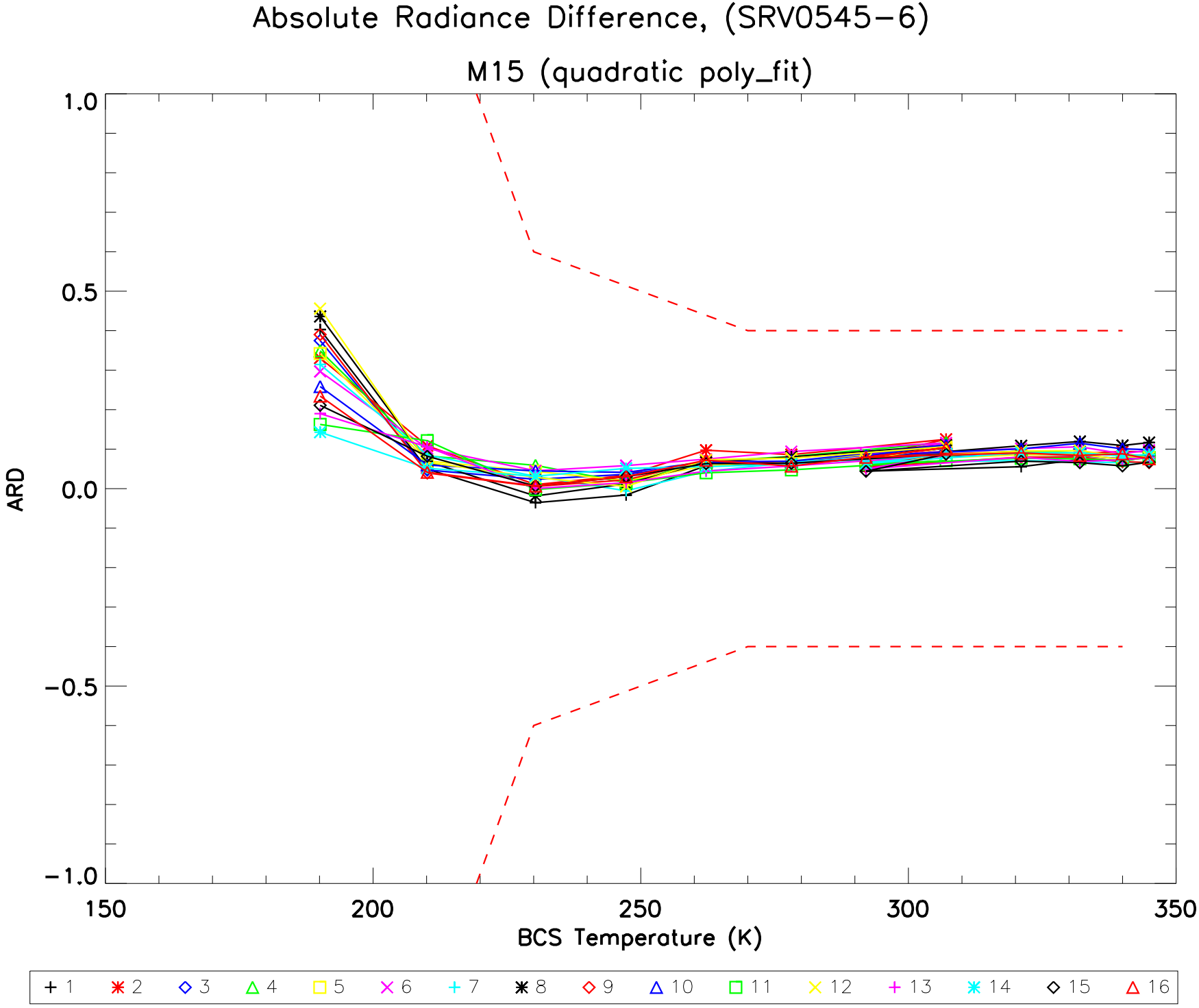

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
30
20
10
0
-10
-20
-30
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

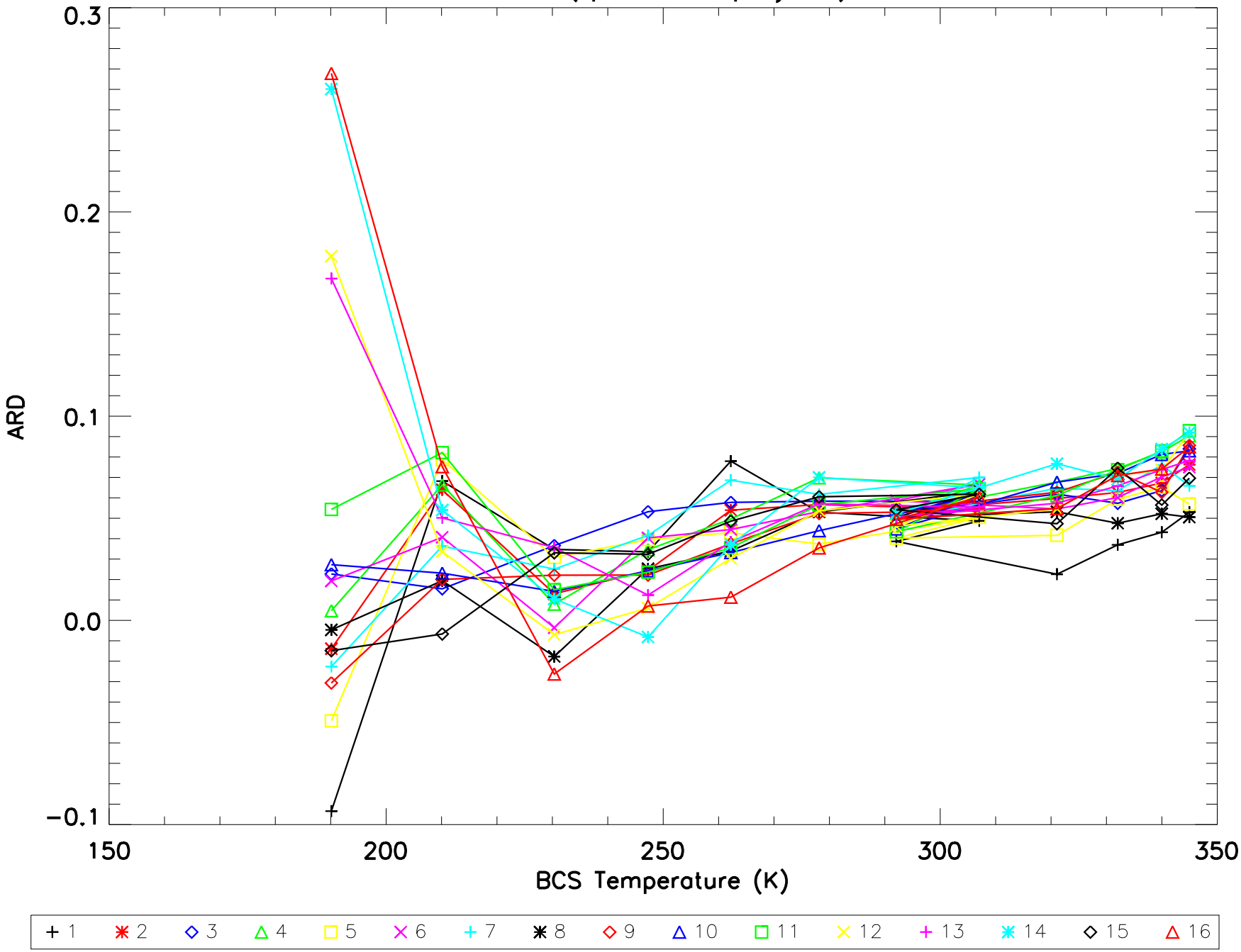

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

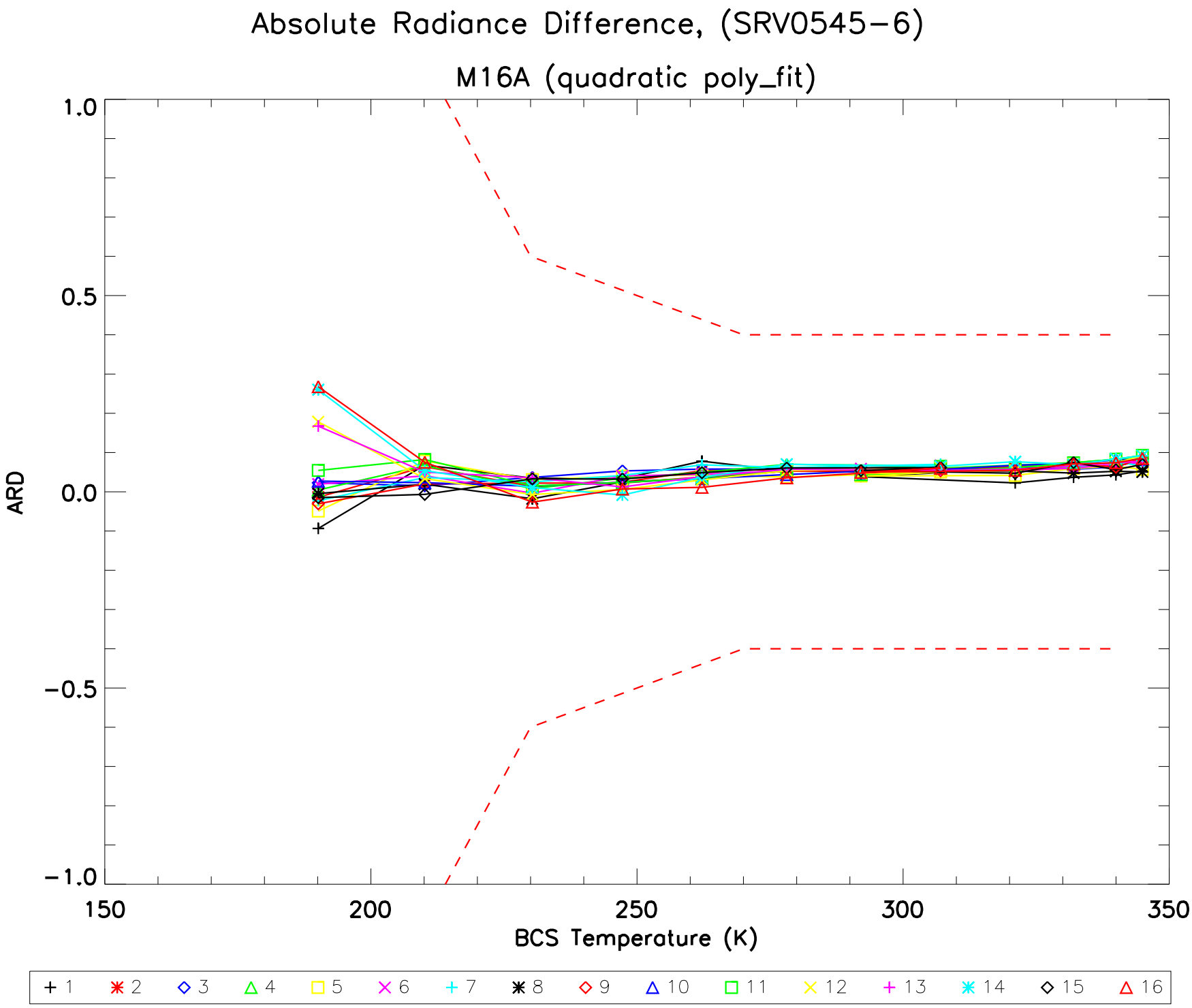

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
2.0
1.5
1.0
0.5
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

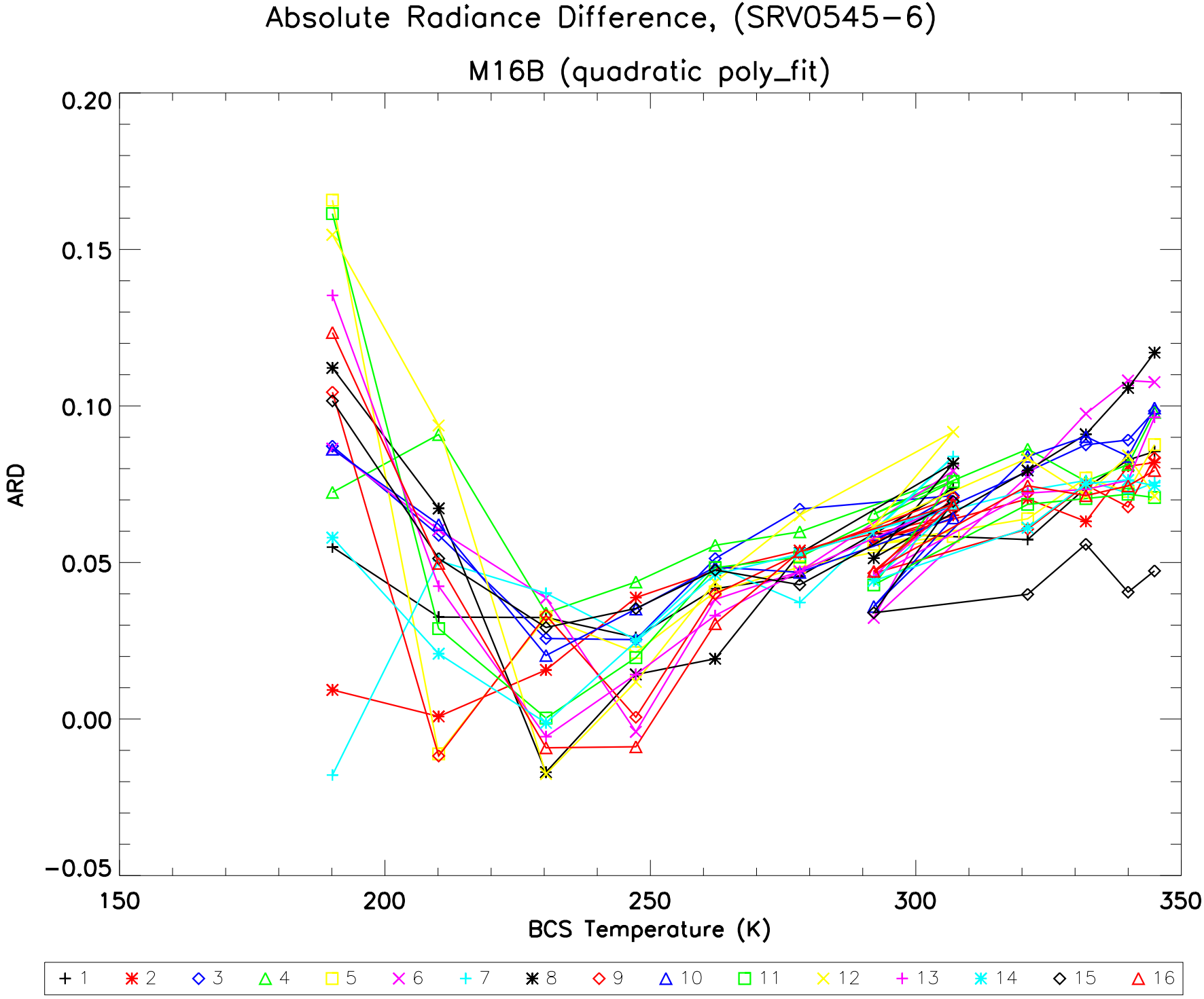

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

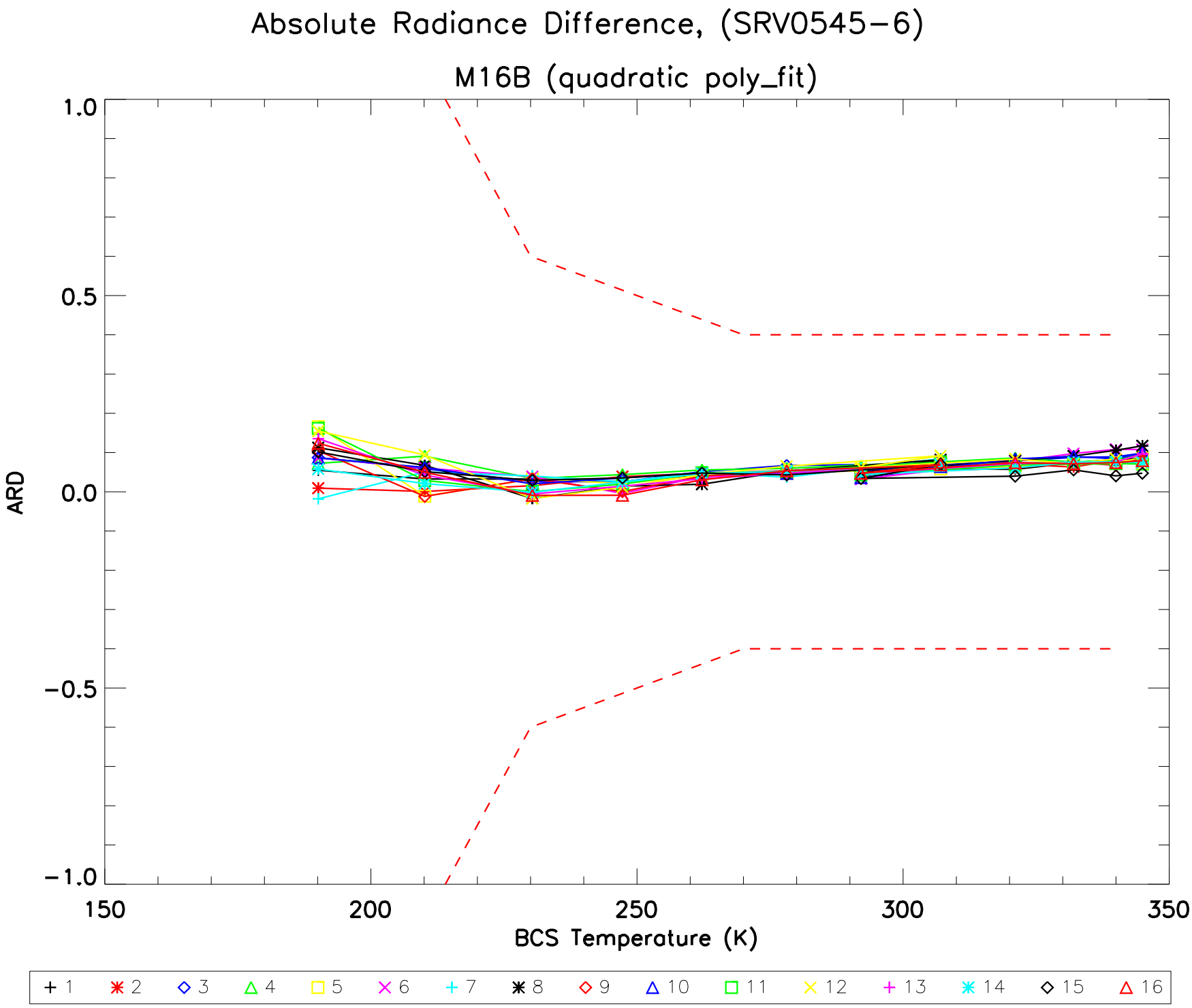

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

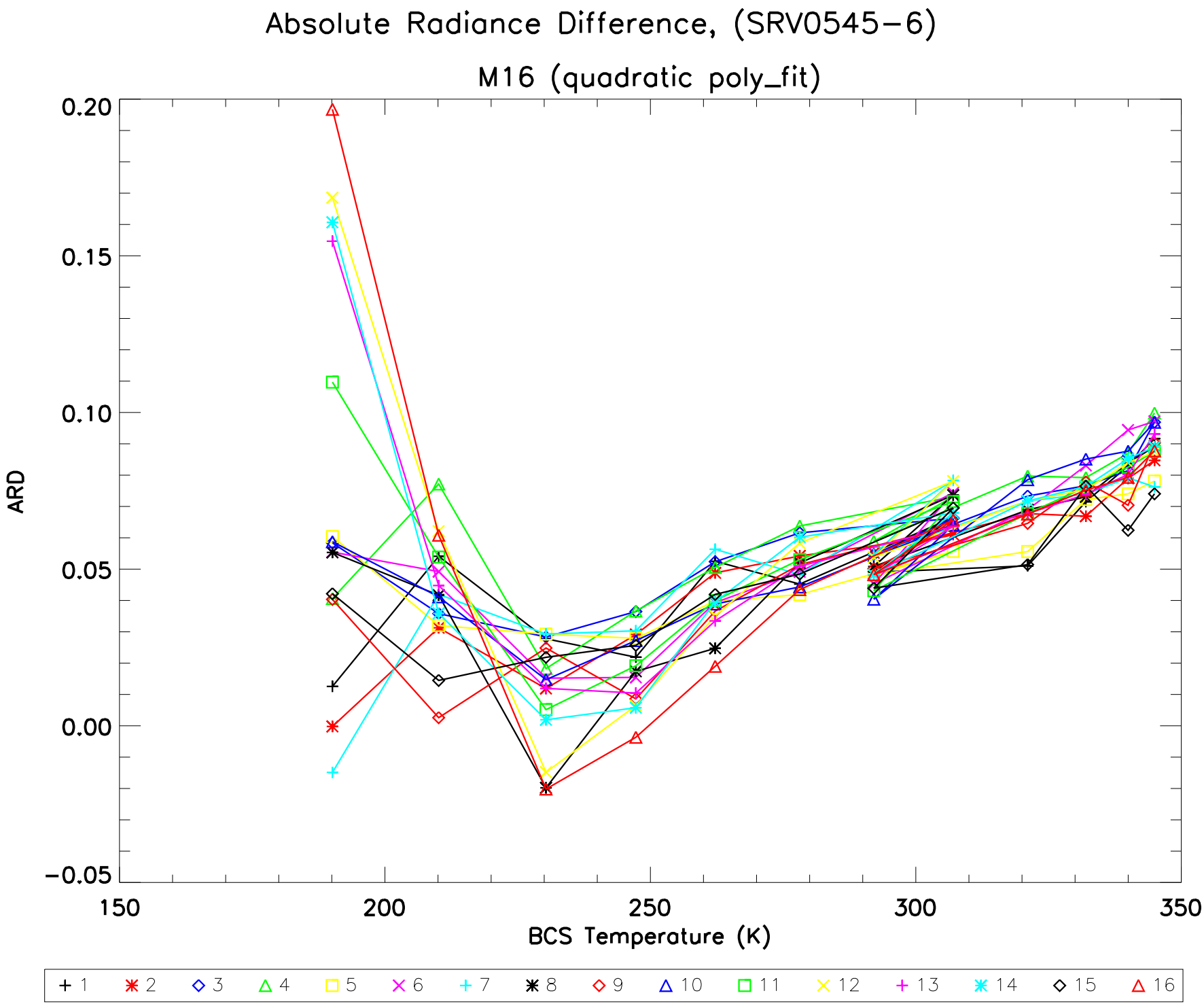

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

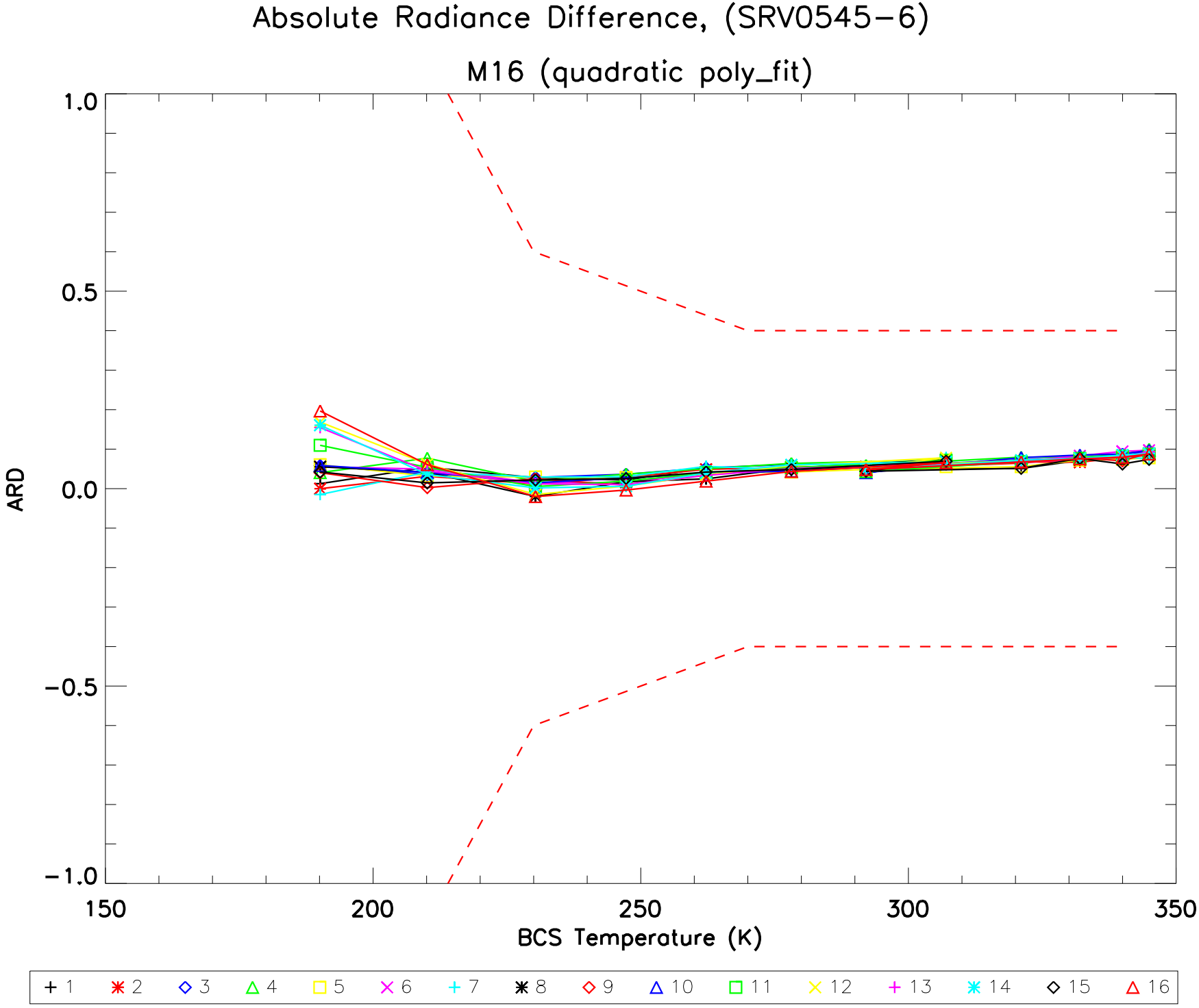

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
0.3
0.2
0.1
0.0
-0.1
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

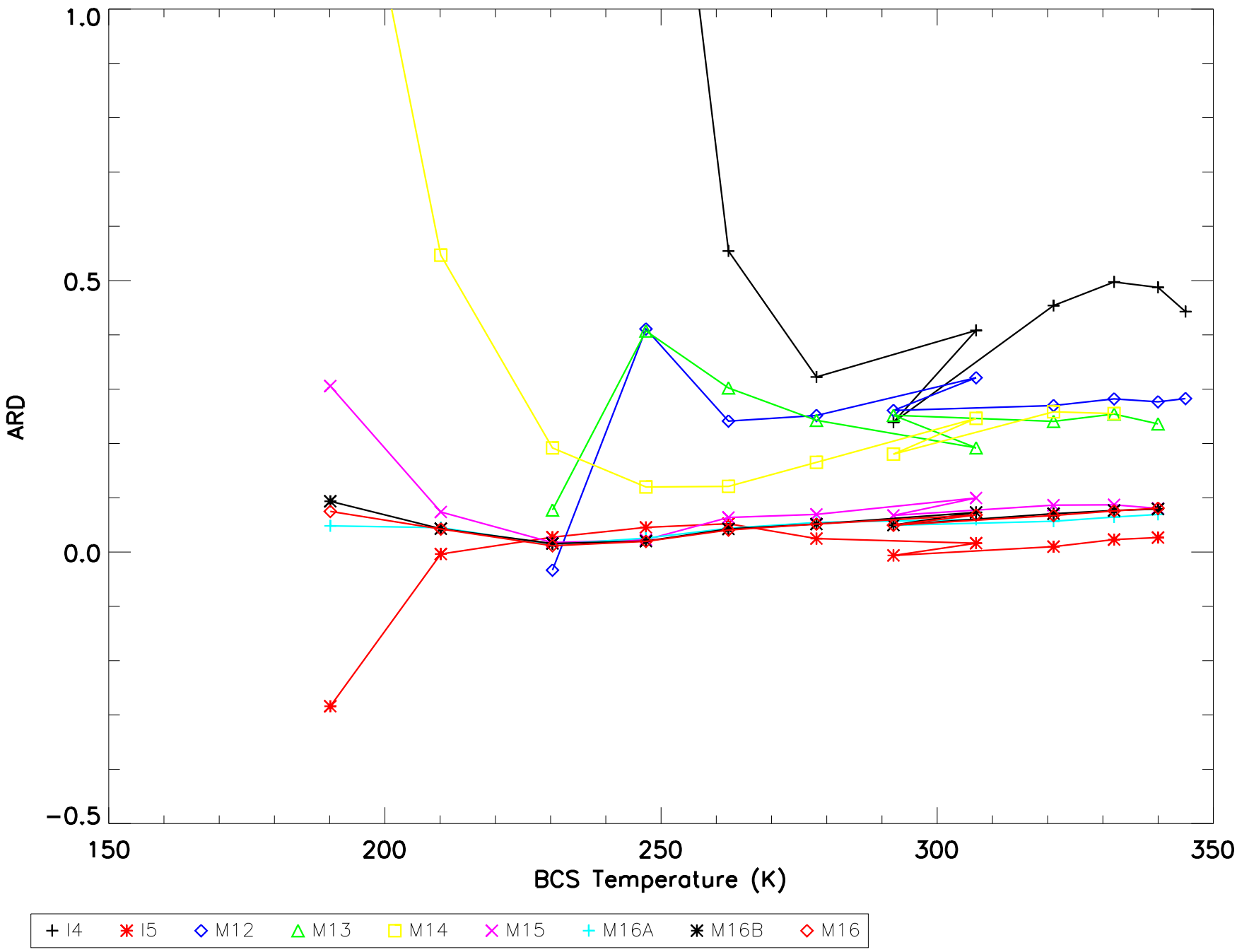

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

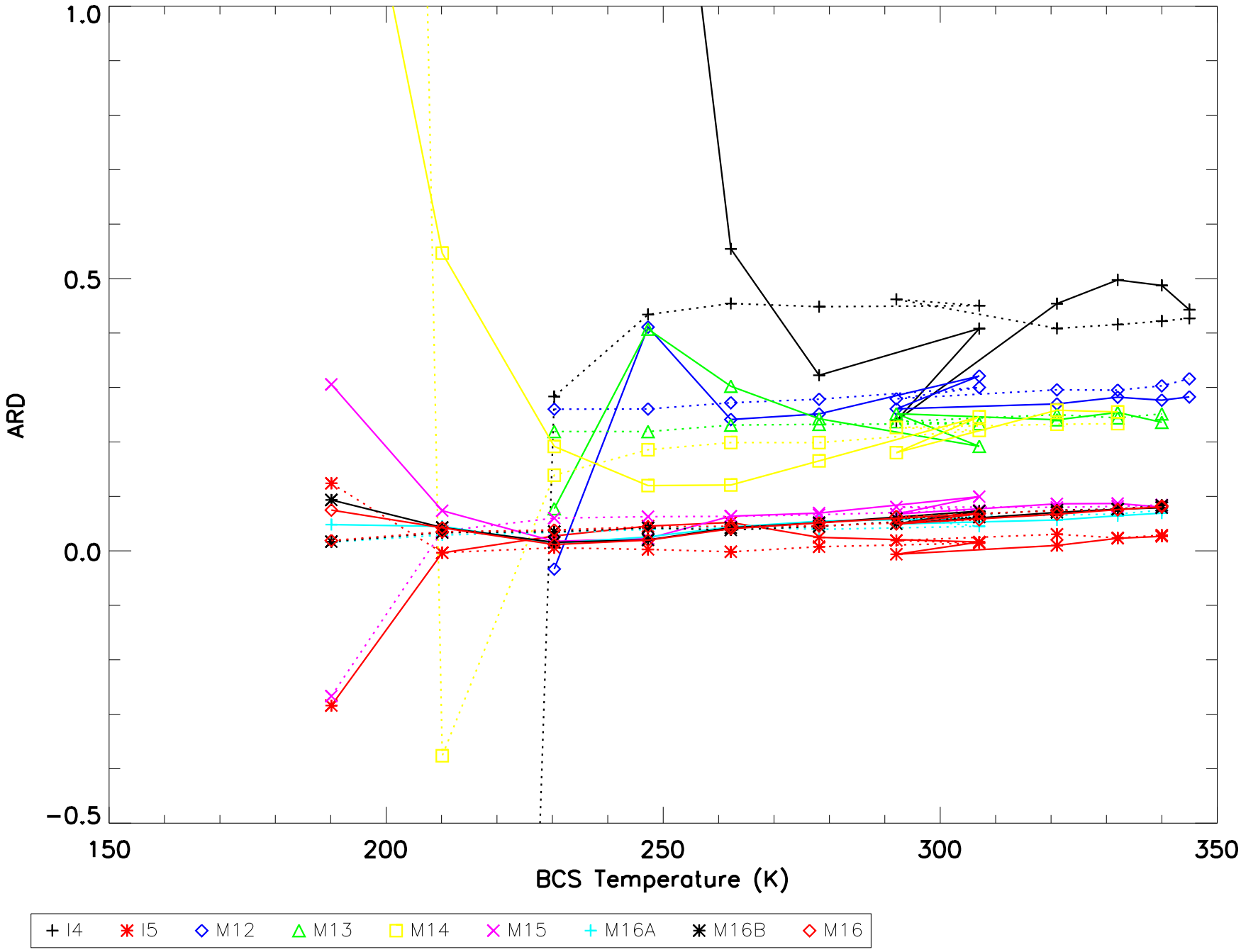

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
0.20
0.15
0.10
0.05
0.00
-0.05
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

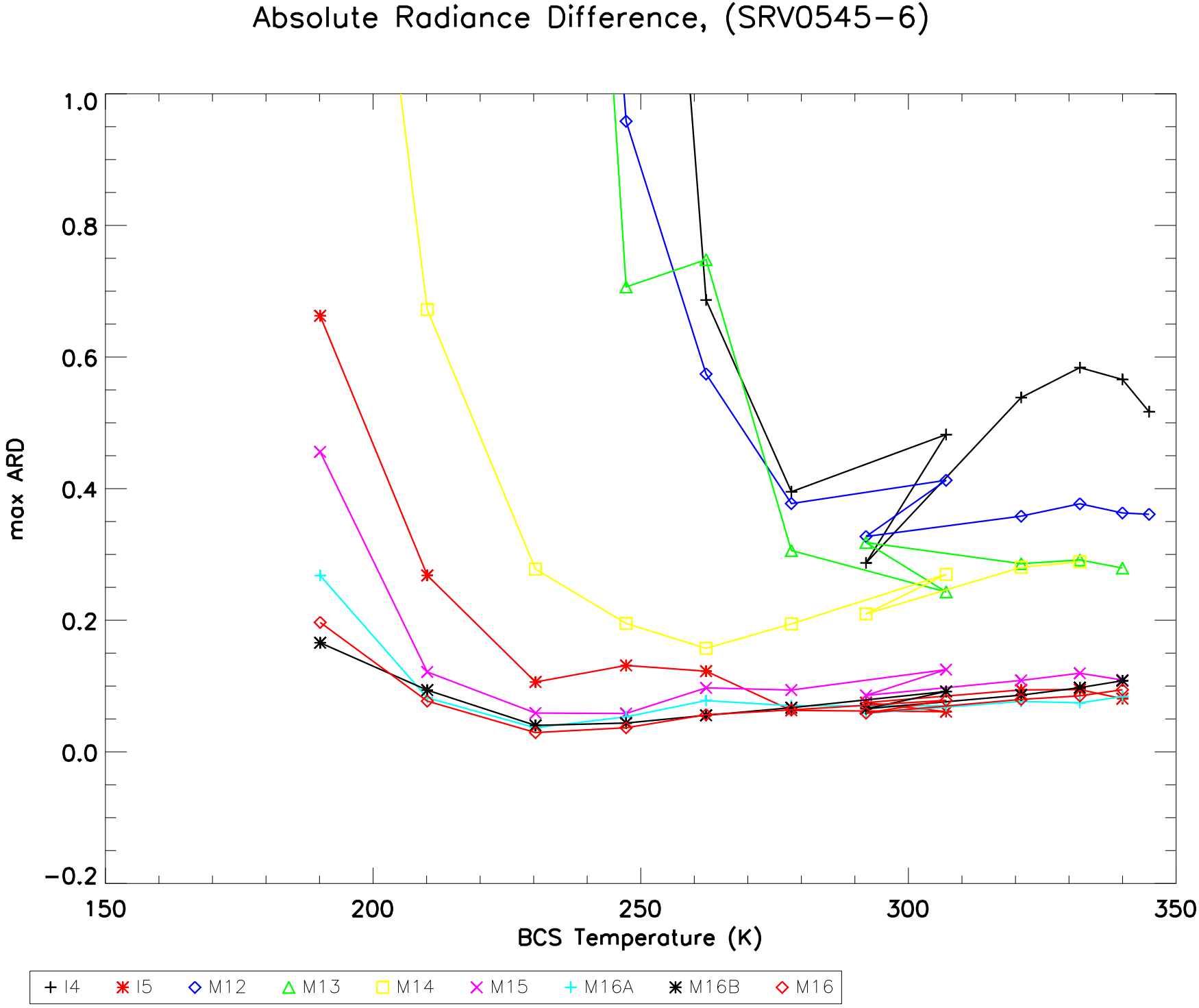

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
0.20
0.15
0.10
0.05
0.00
-0.05
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

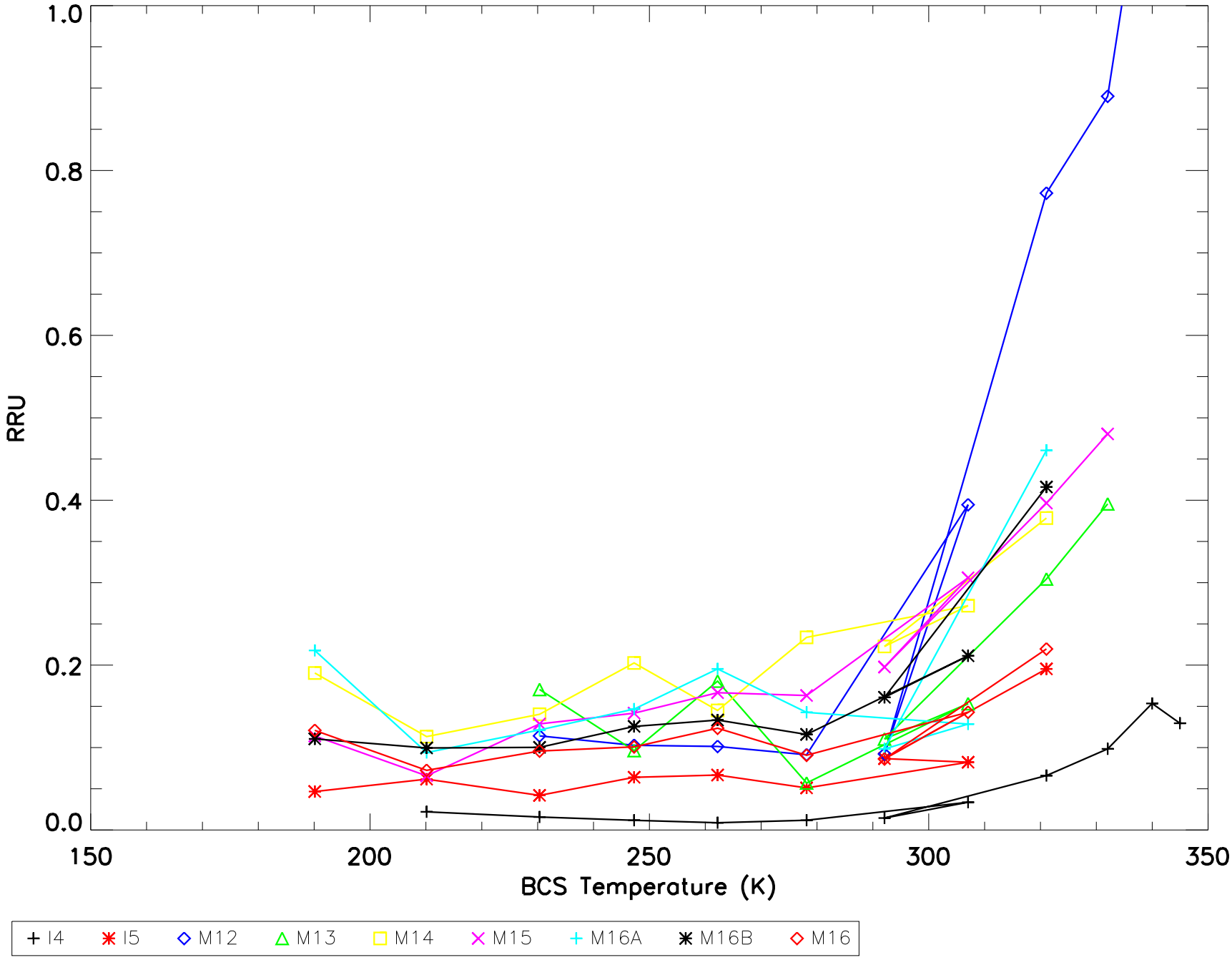

Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Absolute Radiance Difference, (SRV0545-6)
1.0
0.5
0.0
-0.5
ARD
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

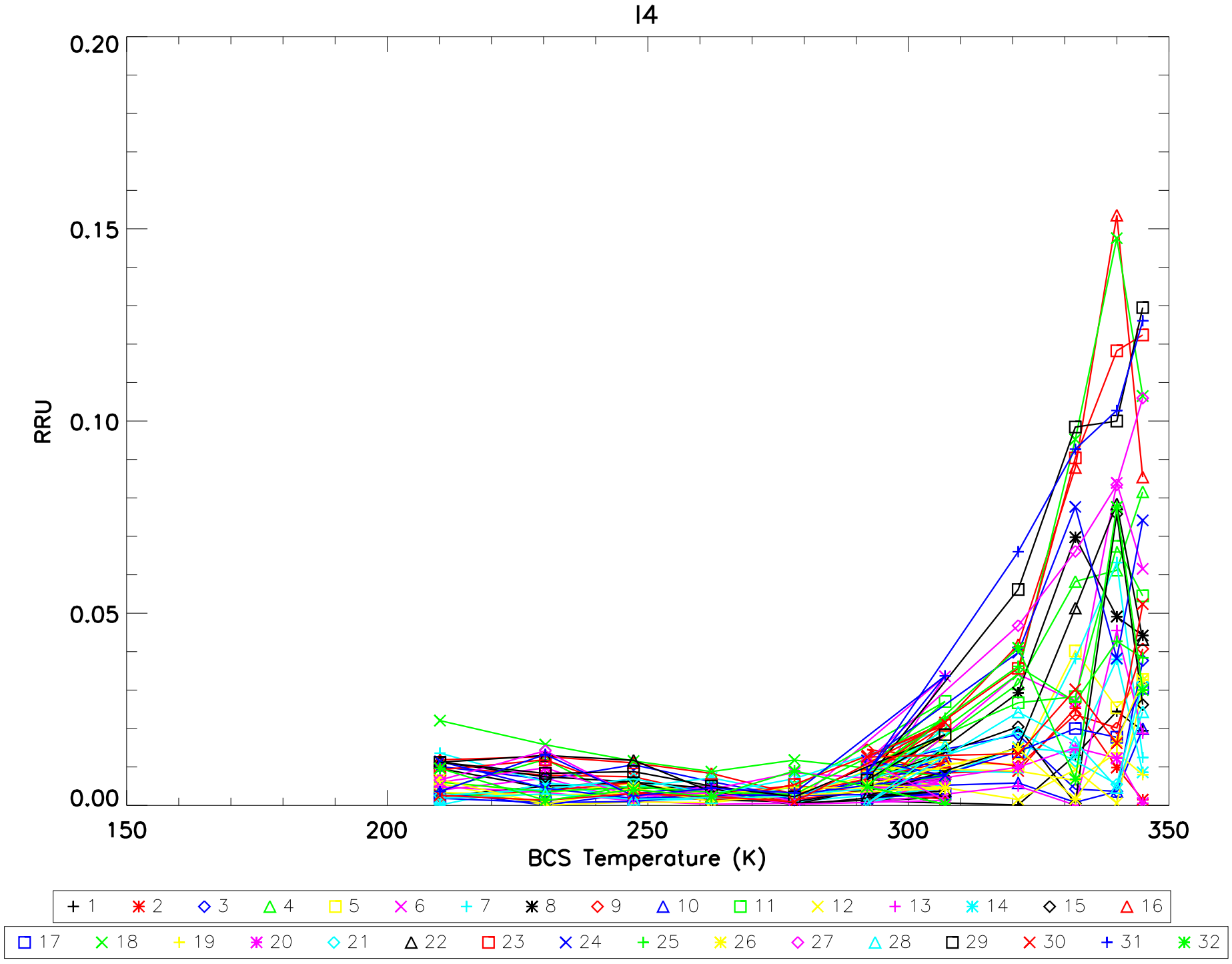

Absolute Radiance Difference, (SRV0545-6)
1.0
0.5
0.0
−0.5
ARD
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

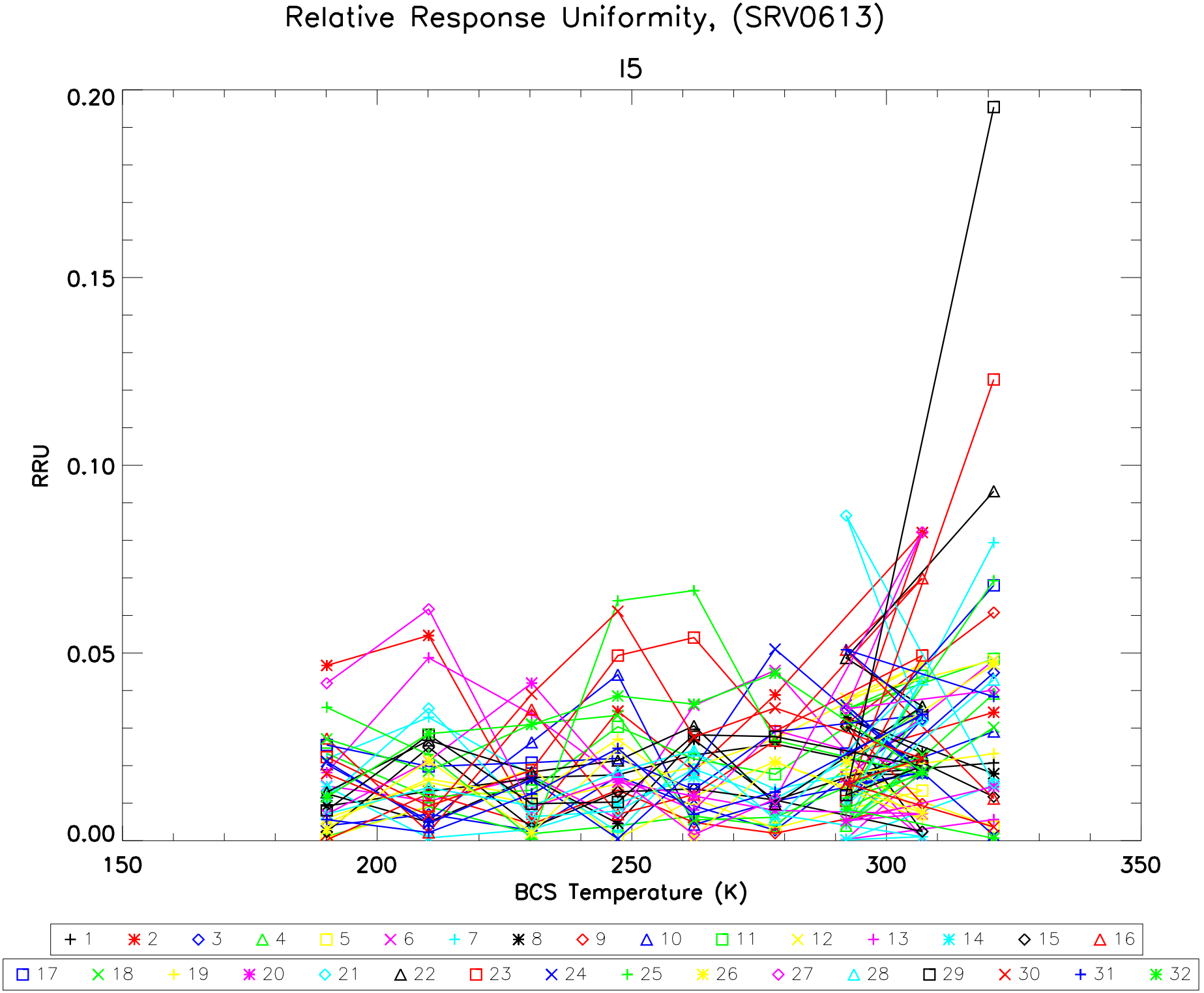

Absolute Radiance Difference, (SRV0545-6)
max ARD
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

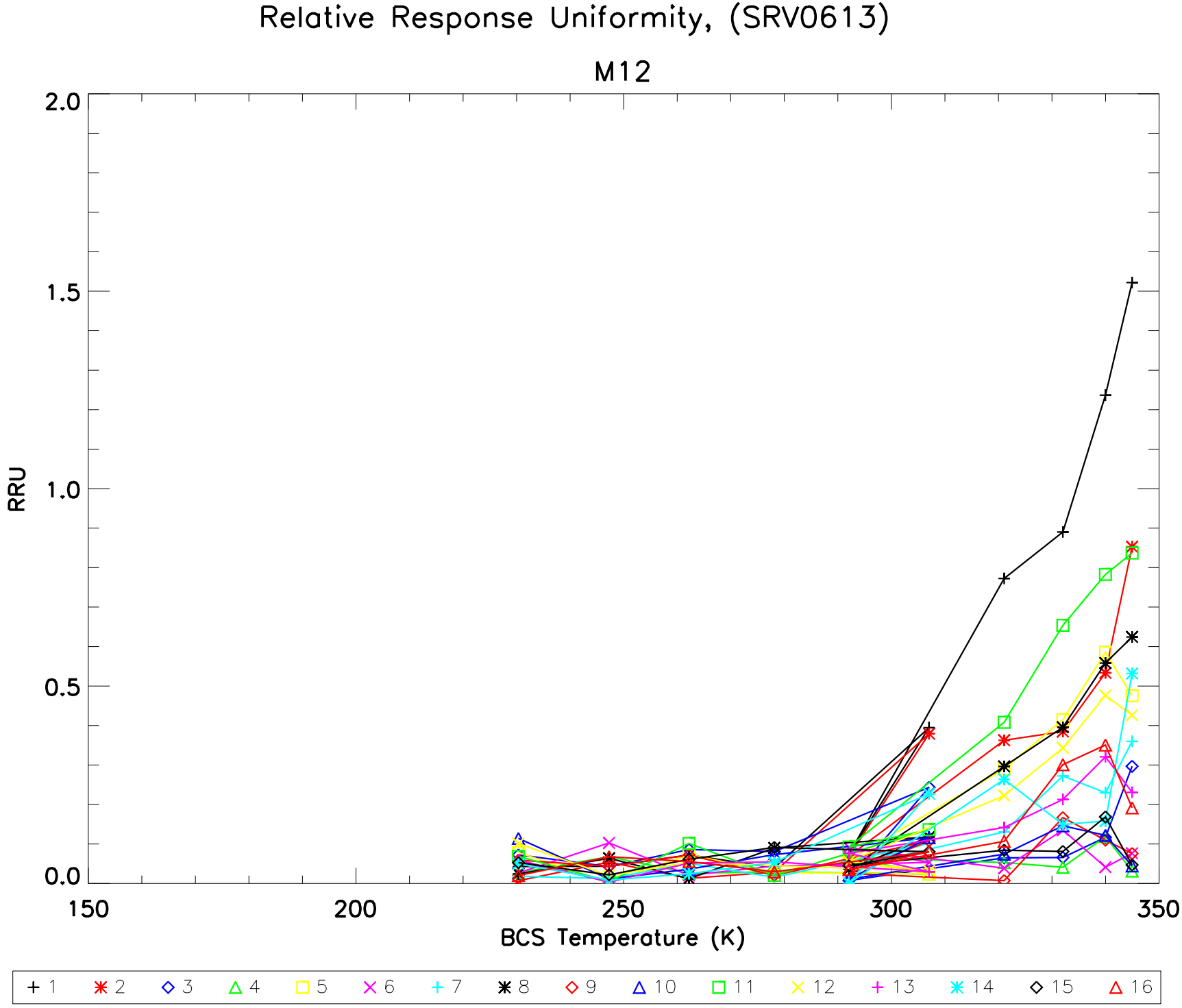
Relative Response Uniformity, (SRV0613)

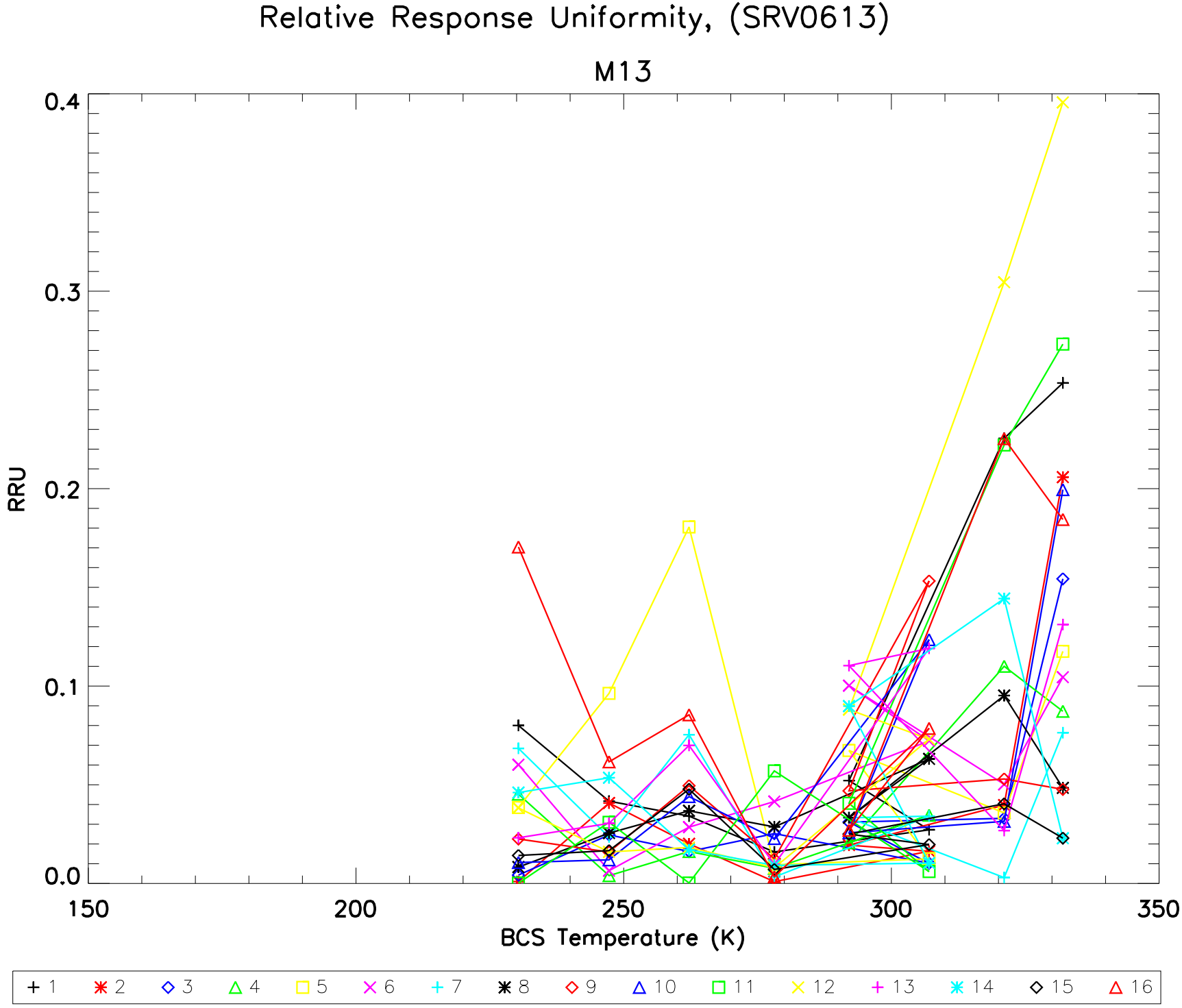


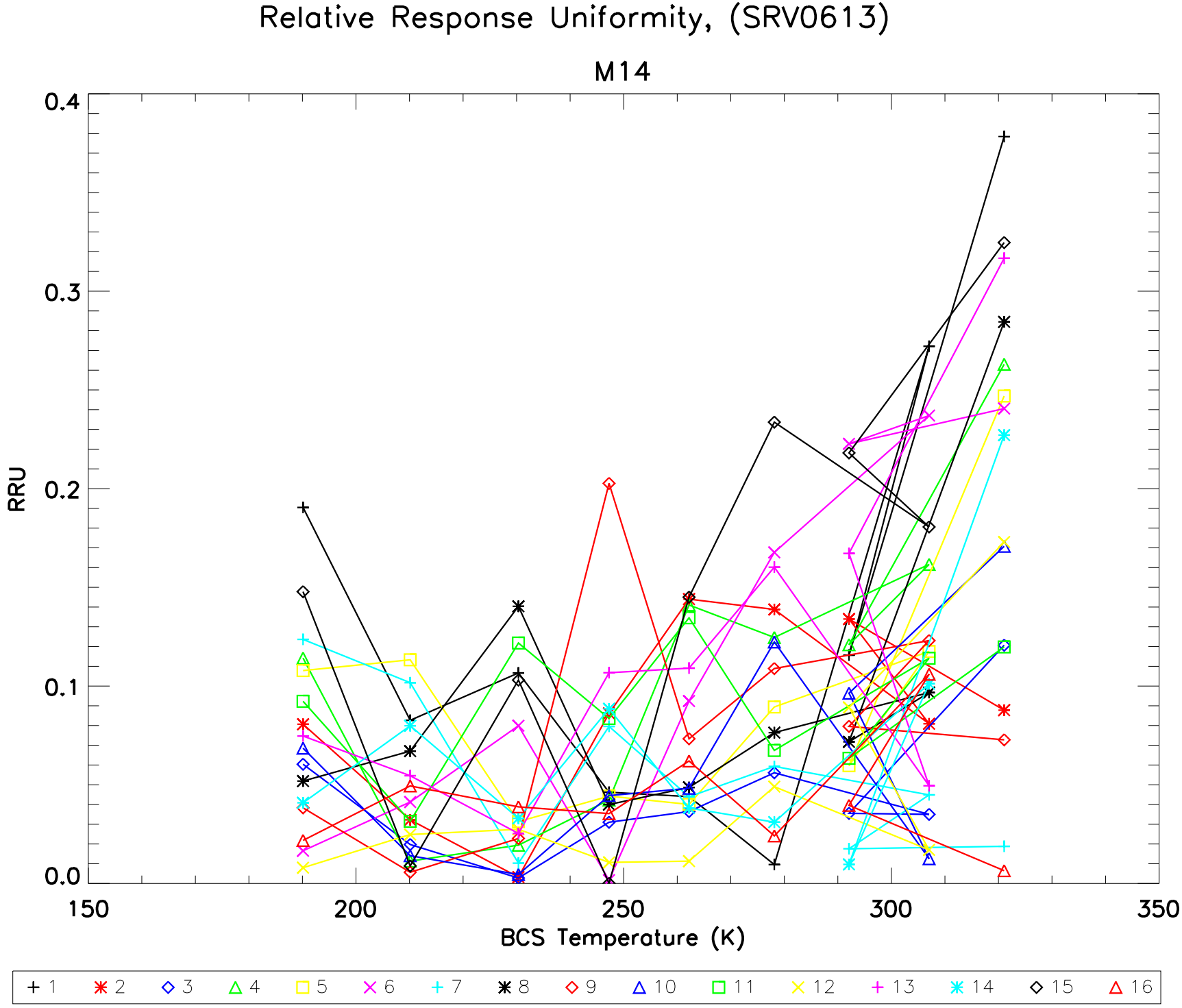
Relative Response Uniformity, (SRV0613)

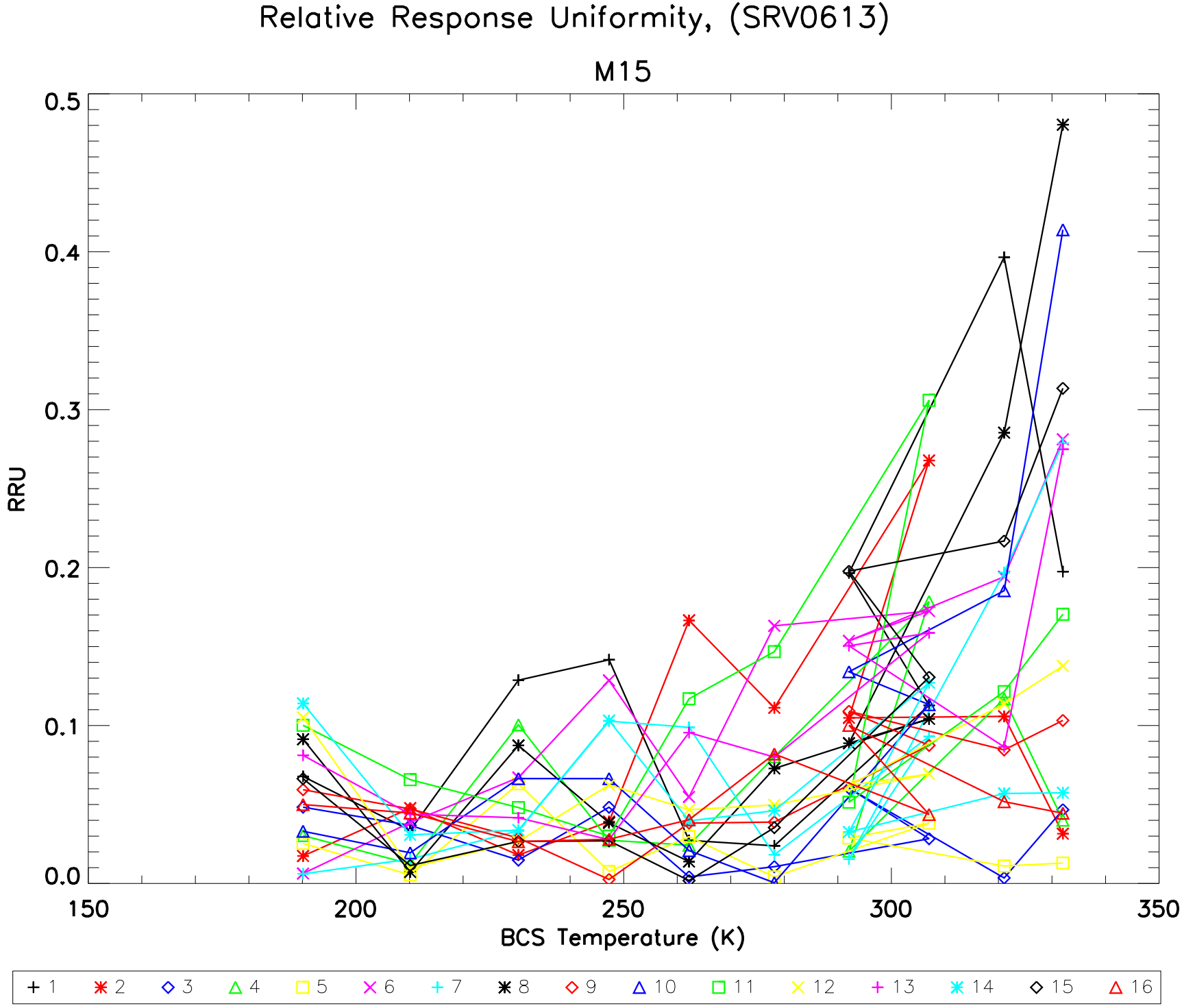


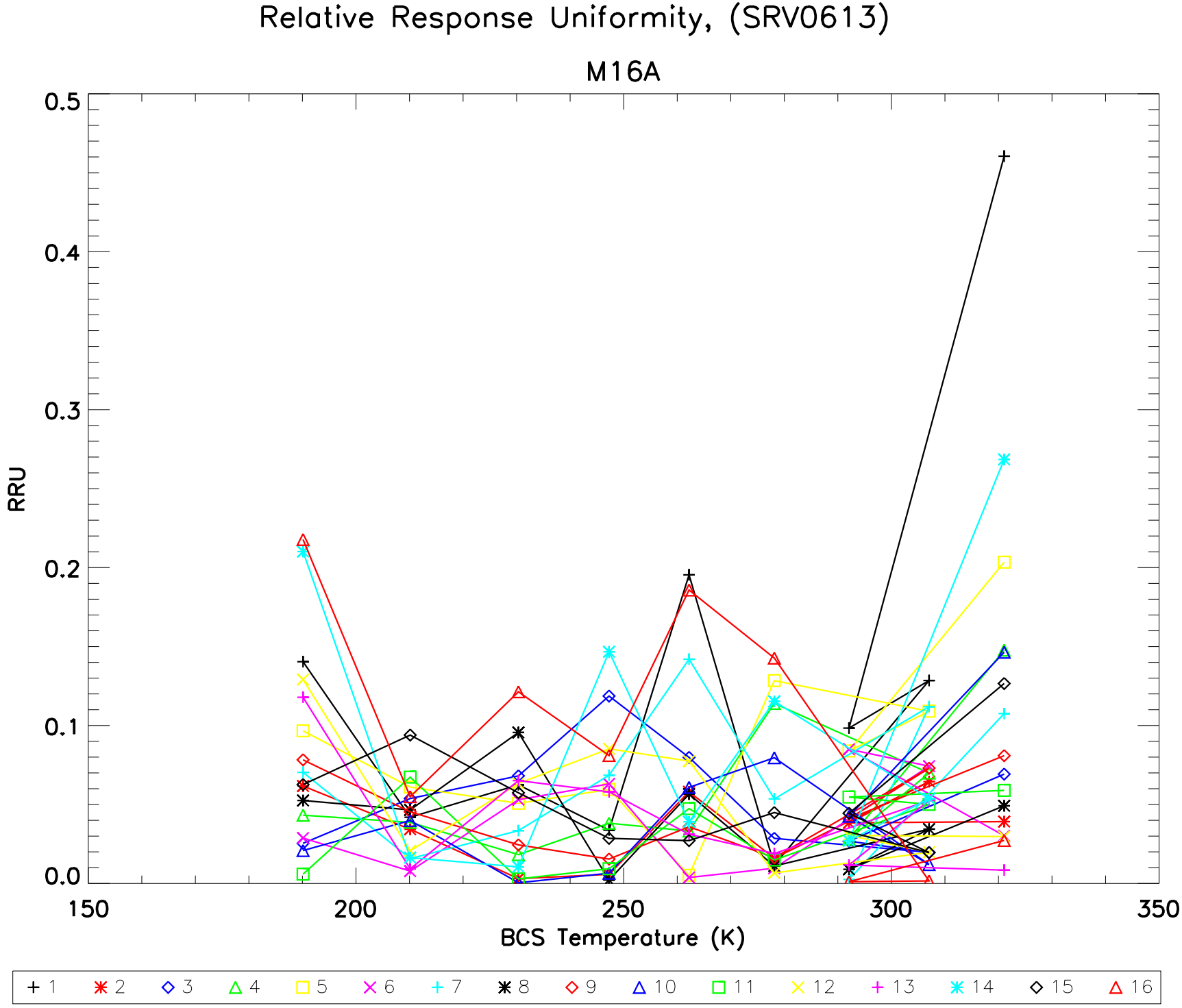

Relative Response Uniformity, (SRV0613)
I5
0.20
0.15
0.10
0.05
0.00
RRU
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

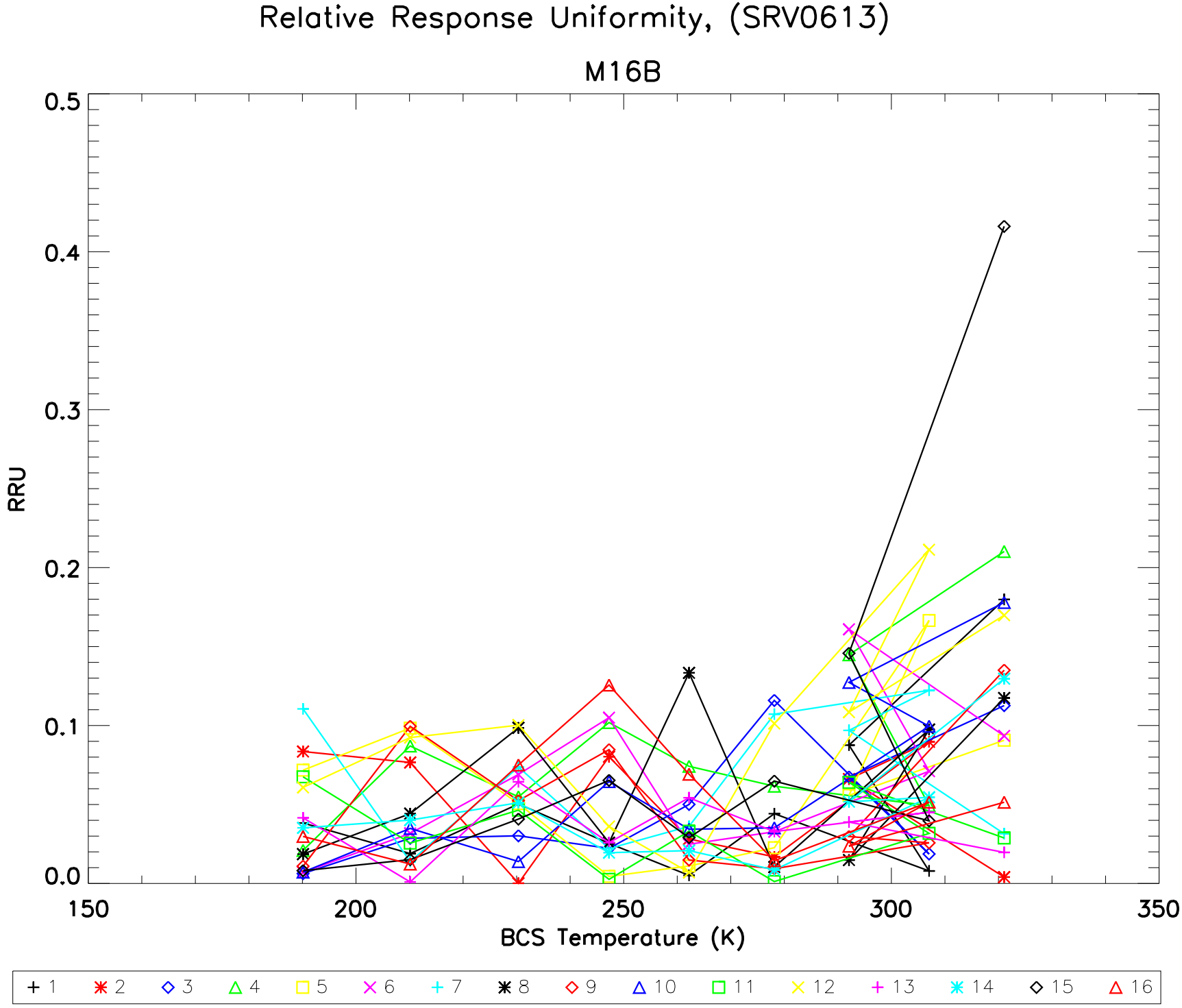

Relative Response Uniformity, (SRV0613)
M12
2.0
1.5
1.0
0.5
0.0
RRU
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

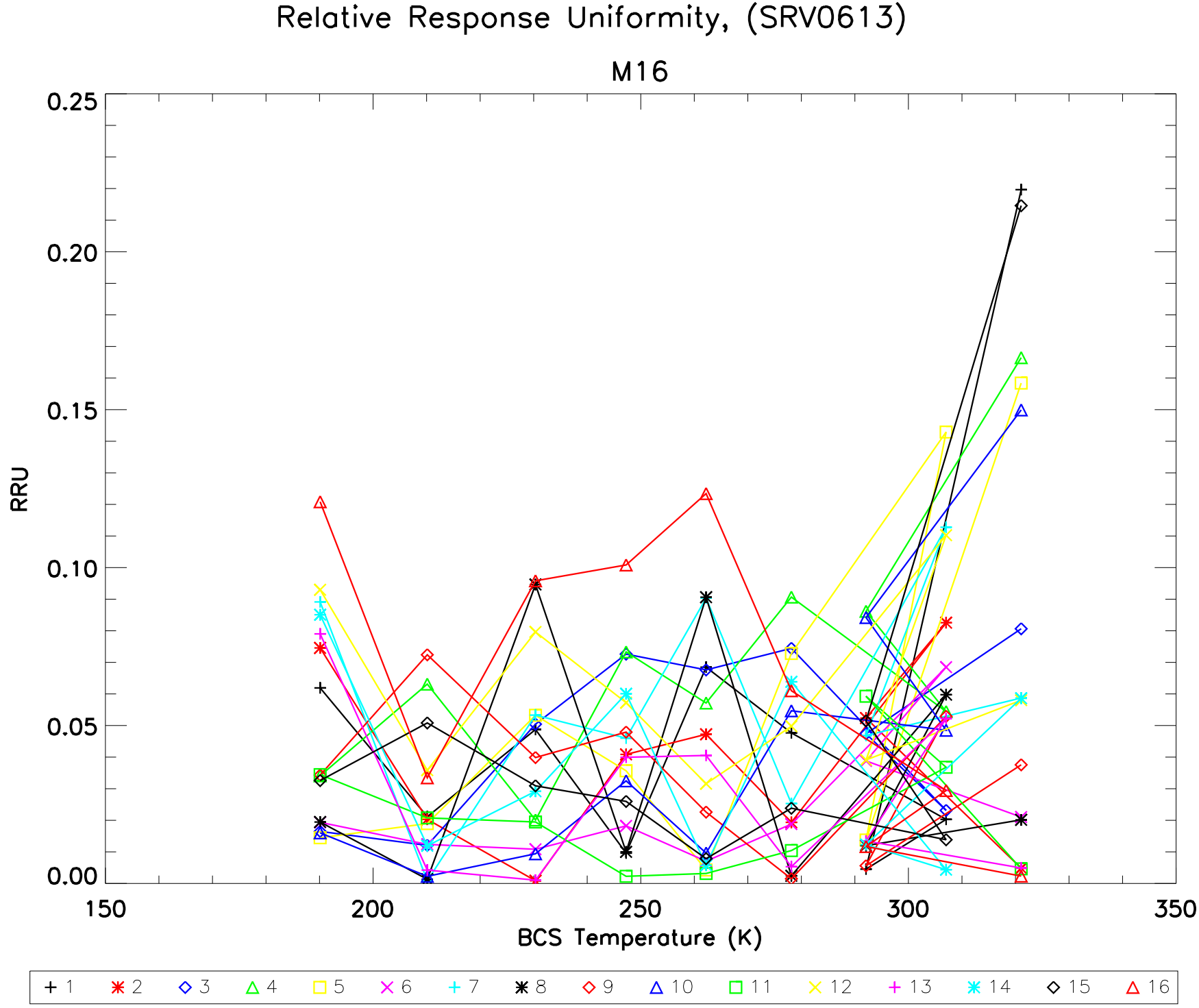

Relative Response Uniformity, (SRV0613)
M13
RRU
0.4
0.3
0.2
0.1
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M14
RRU
0.4
0.3
0.2
0.1
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M15
RRU
0.5
0.4
0.3
0.2
0.1
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M16A
RRU
0.0
0.1
0.2
0.3
0.4
0.5
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M16B
0.5
0.4
0.3
0.2
0.1
0.0
RRU
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M16
RRU
0.25
0.20
0.15
0.10
0.05
0.00
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16