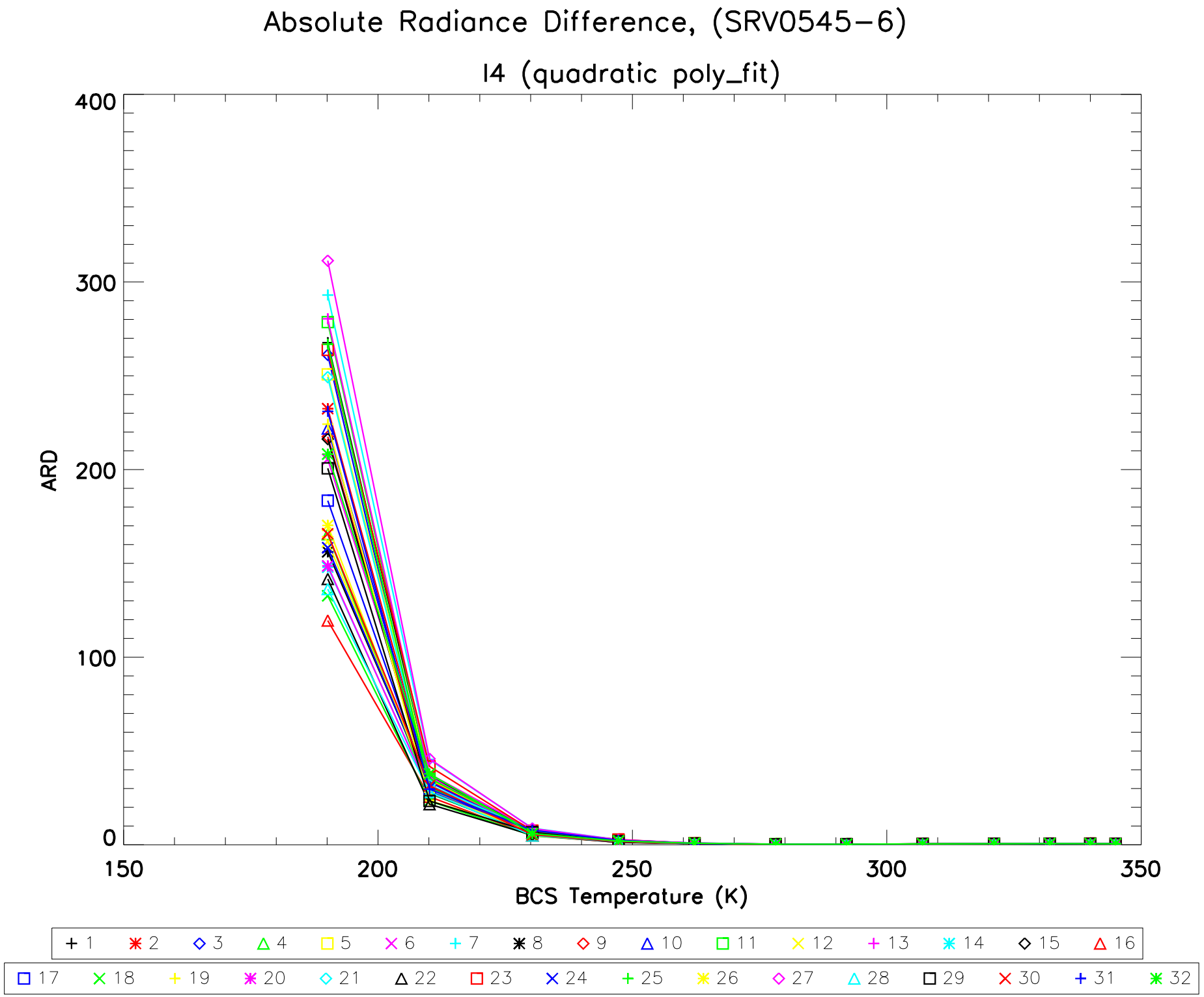
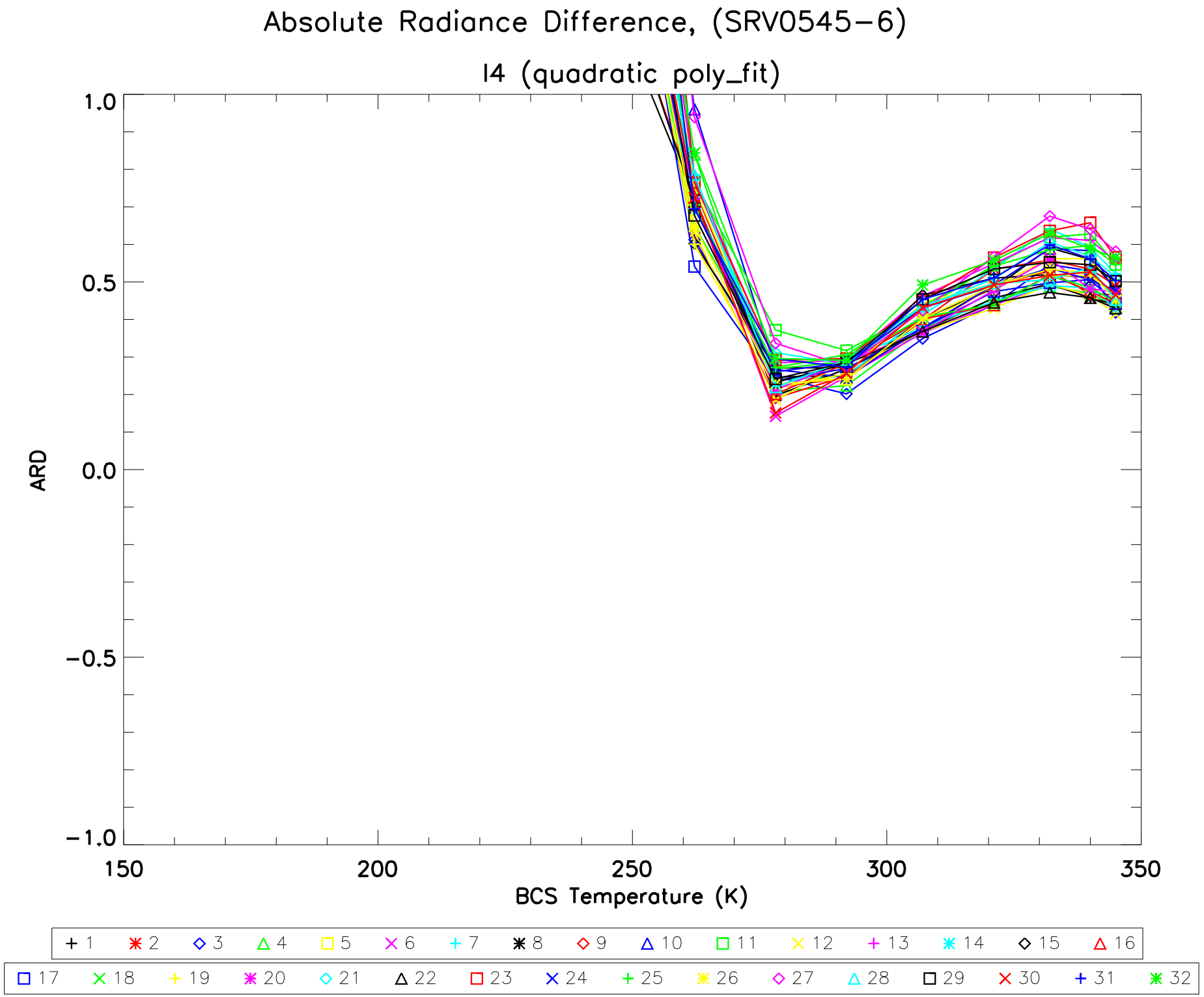
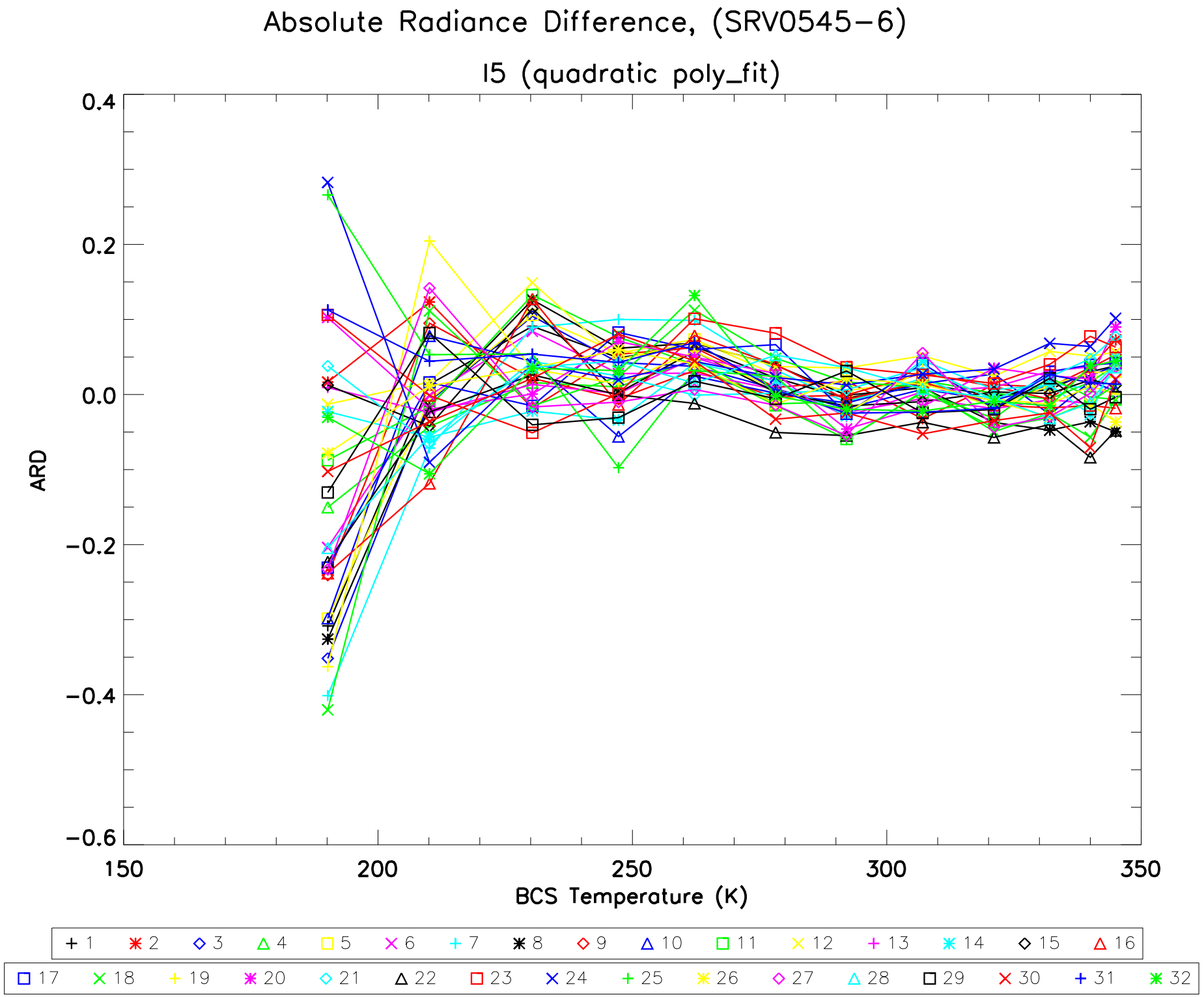
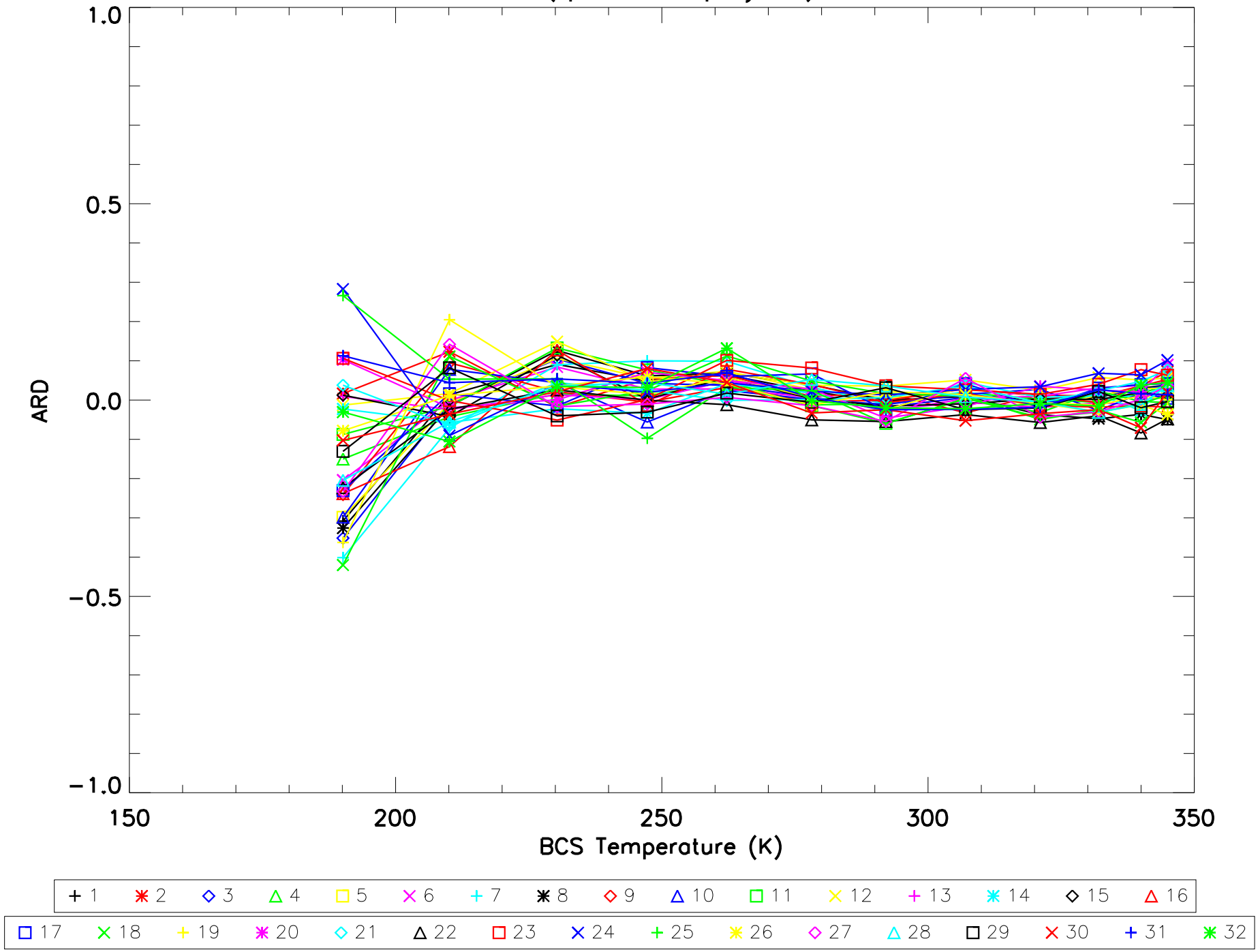
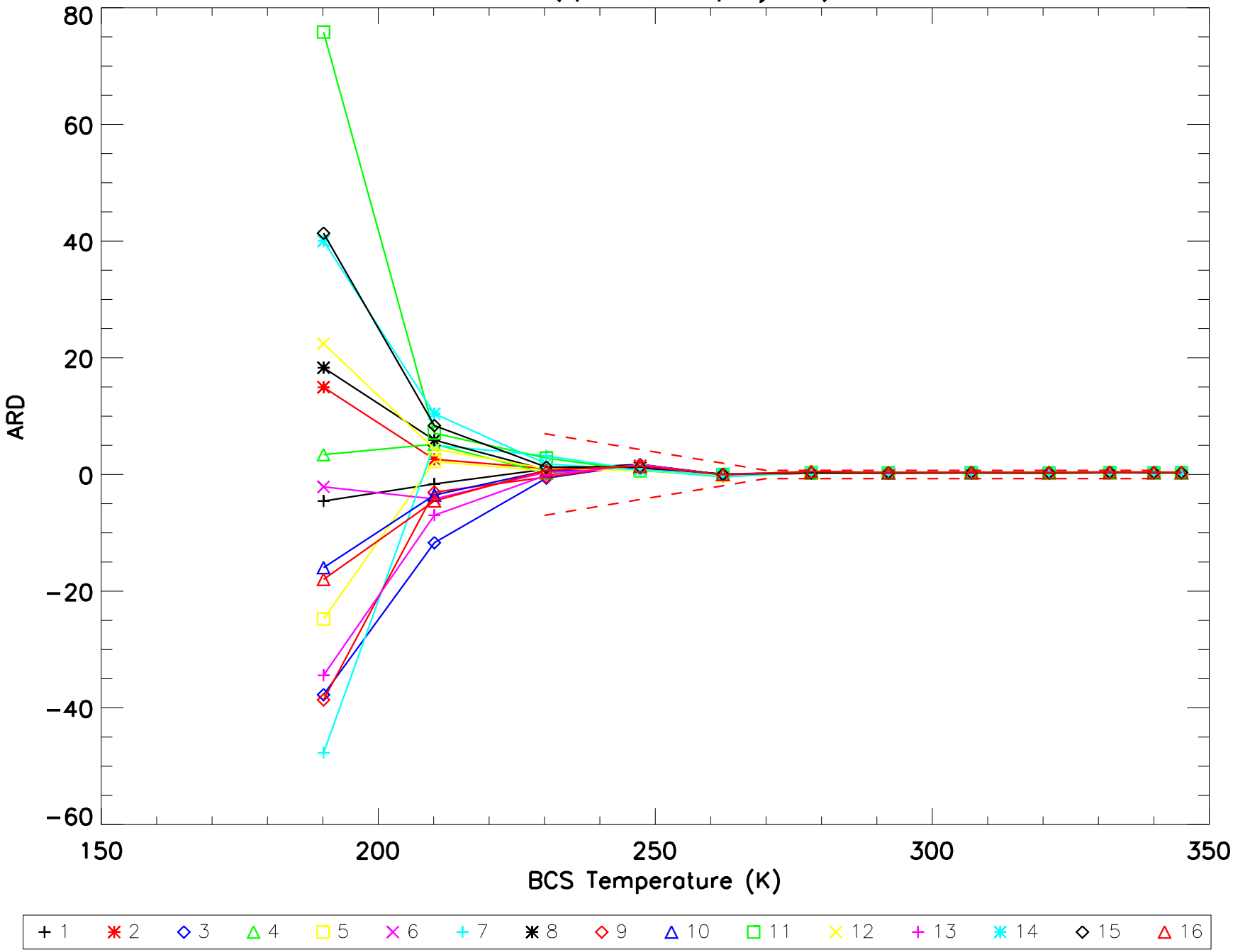
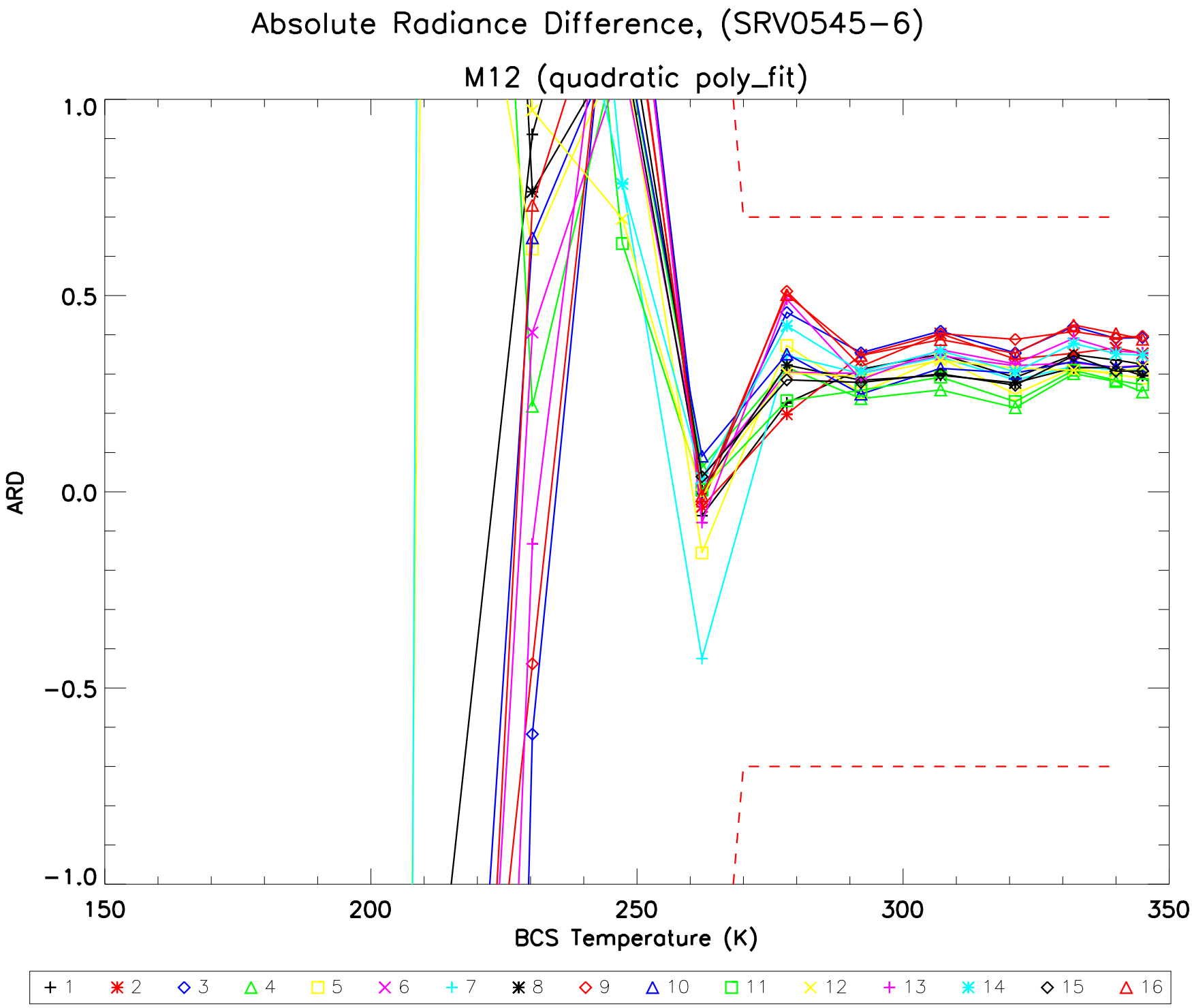

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
ARD
400
300
200
100
0
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

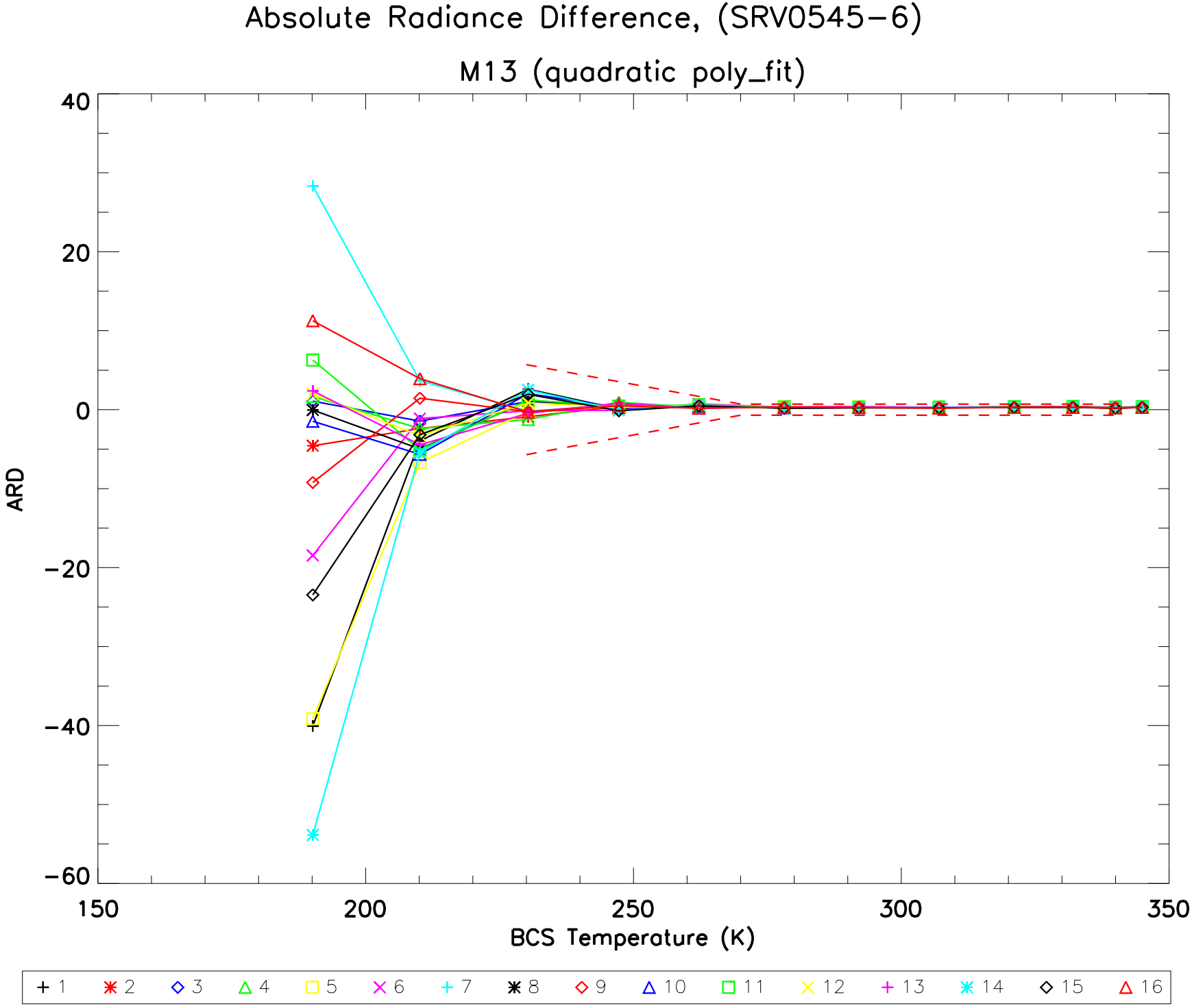

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

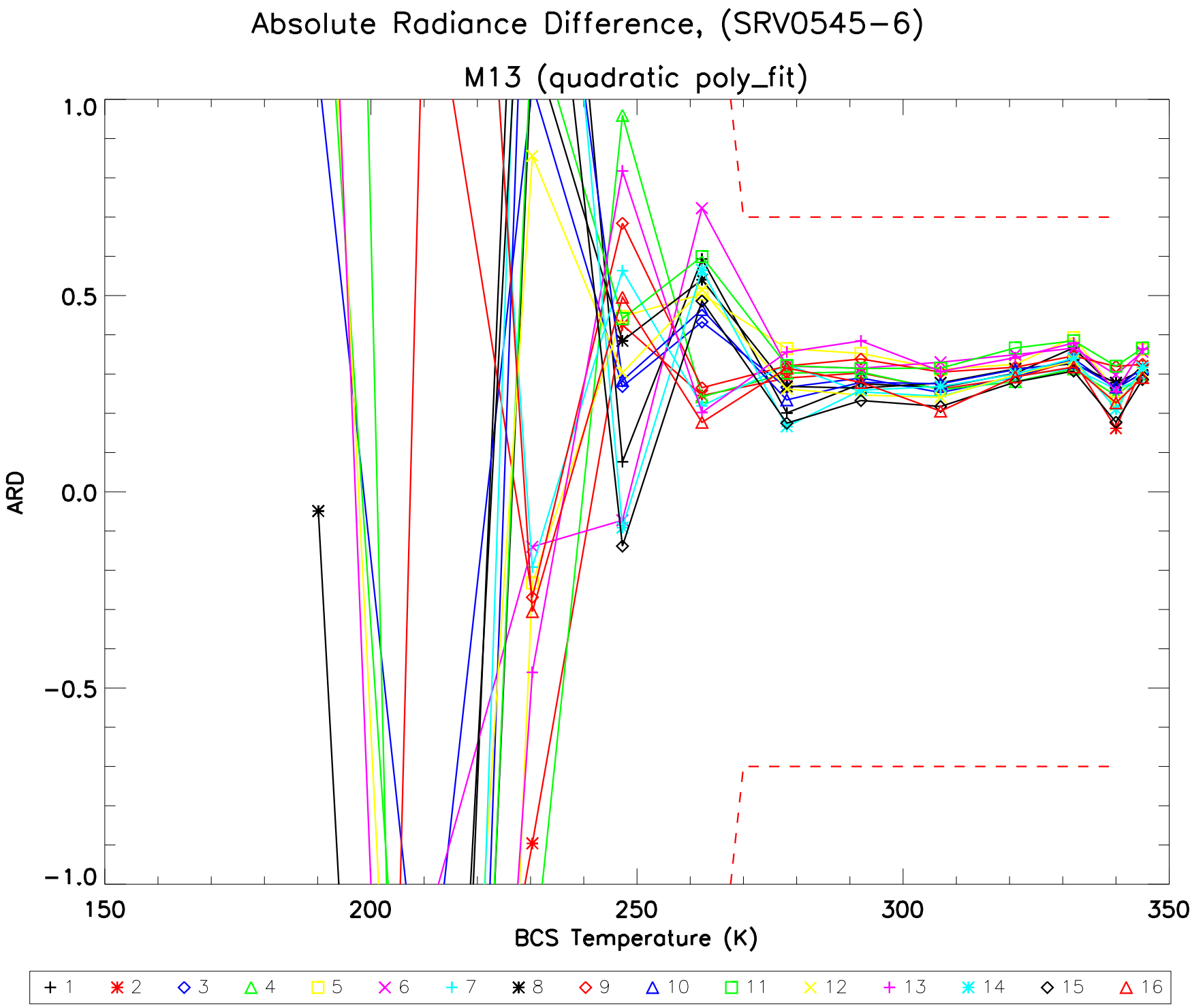

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
0.4
0.2
0.0
−0.2
−0.4
−0.6
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

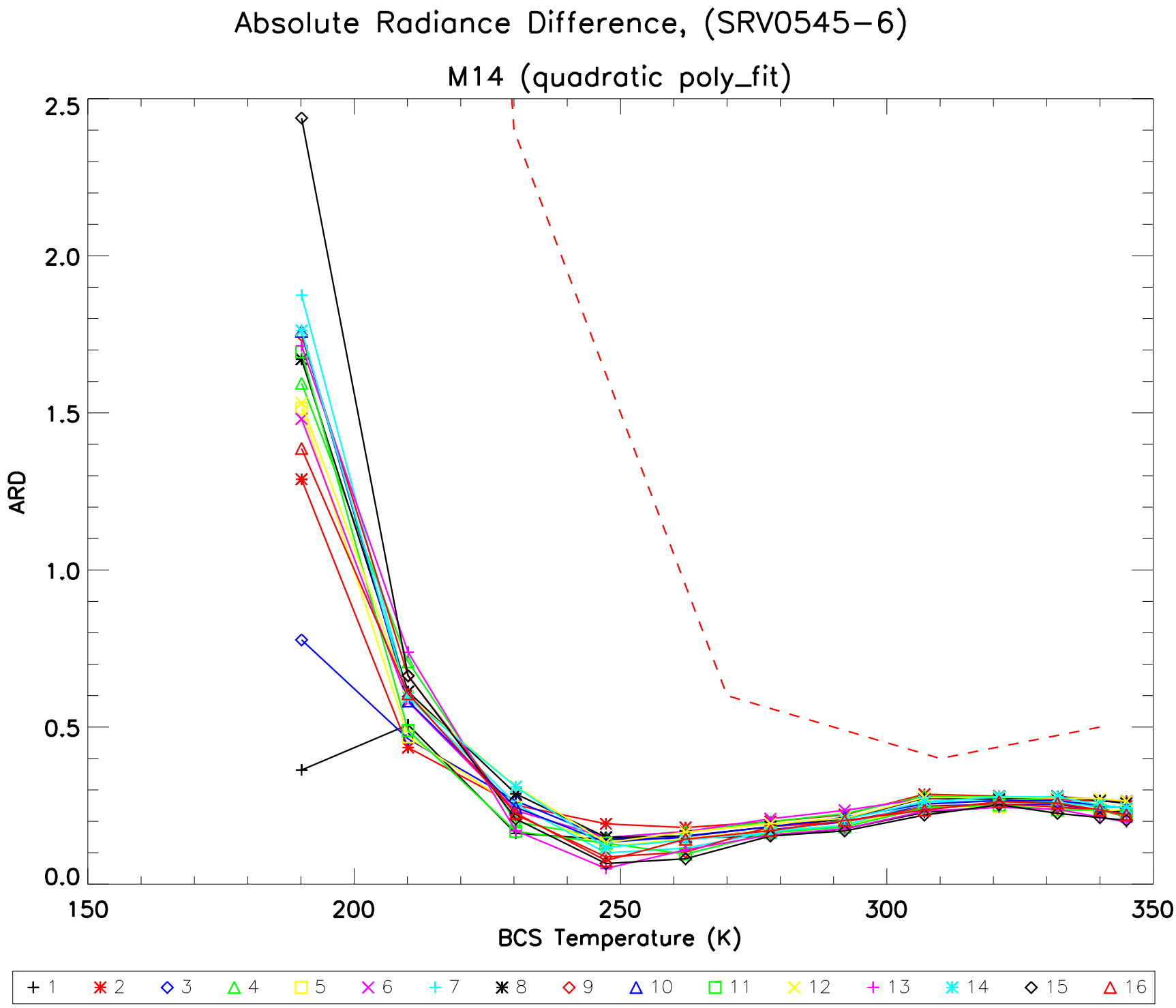

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

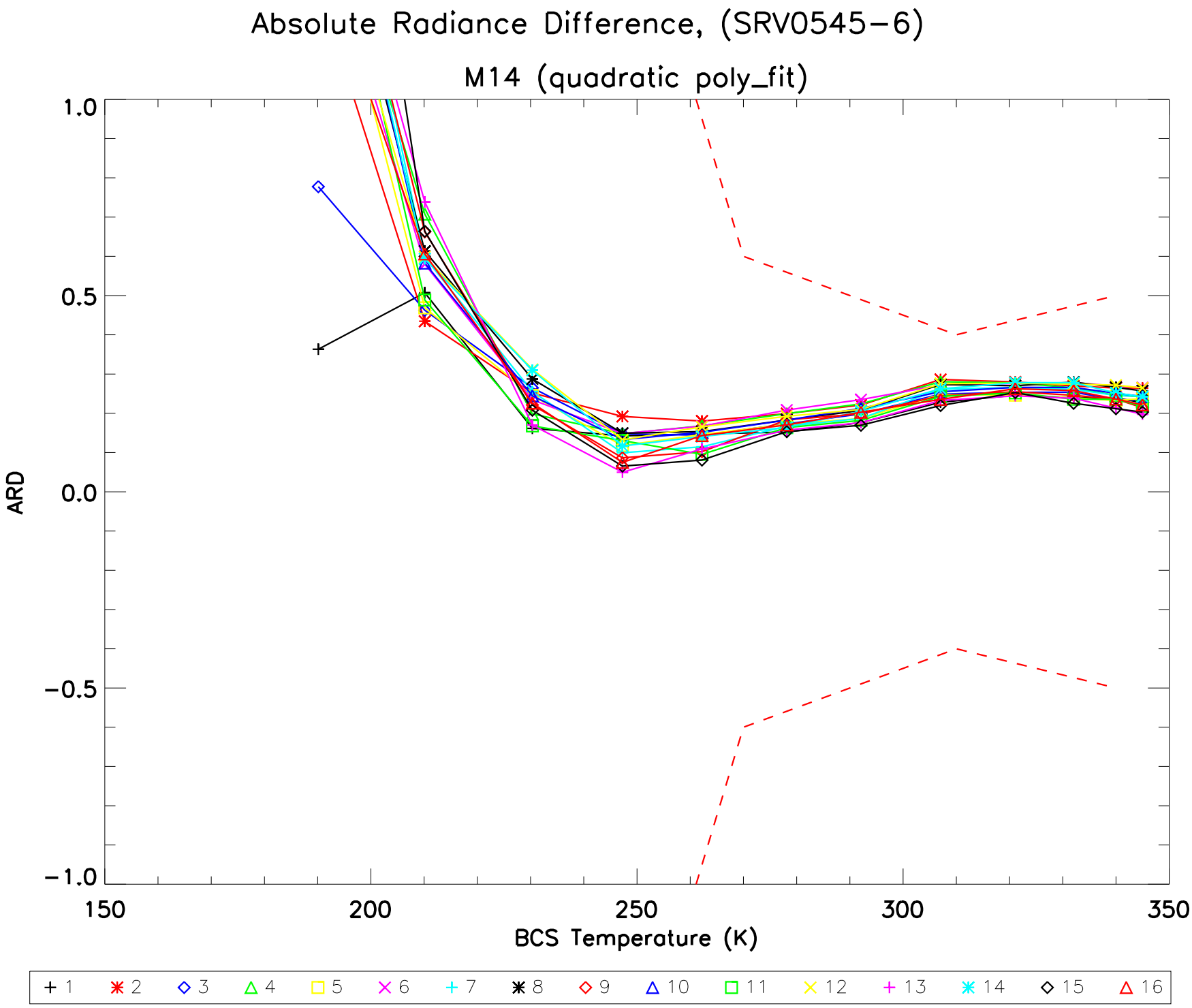

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
80
60
40
20
0
-20
-40
-60
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

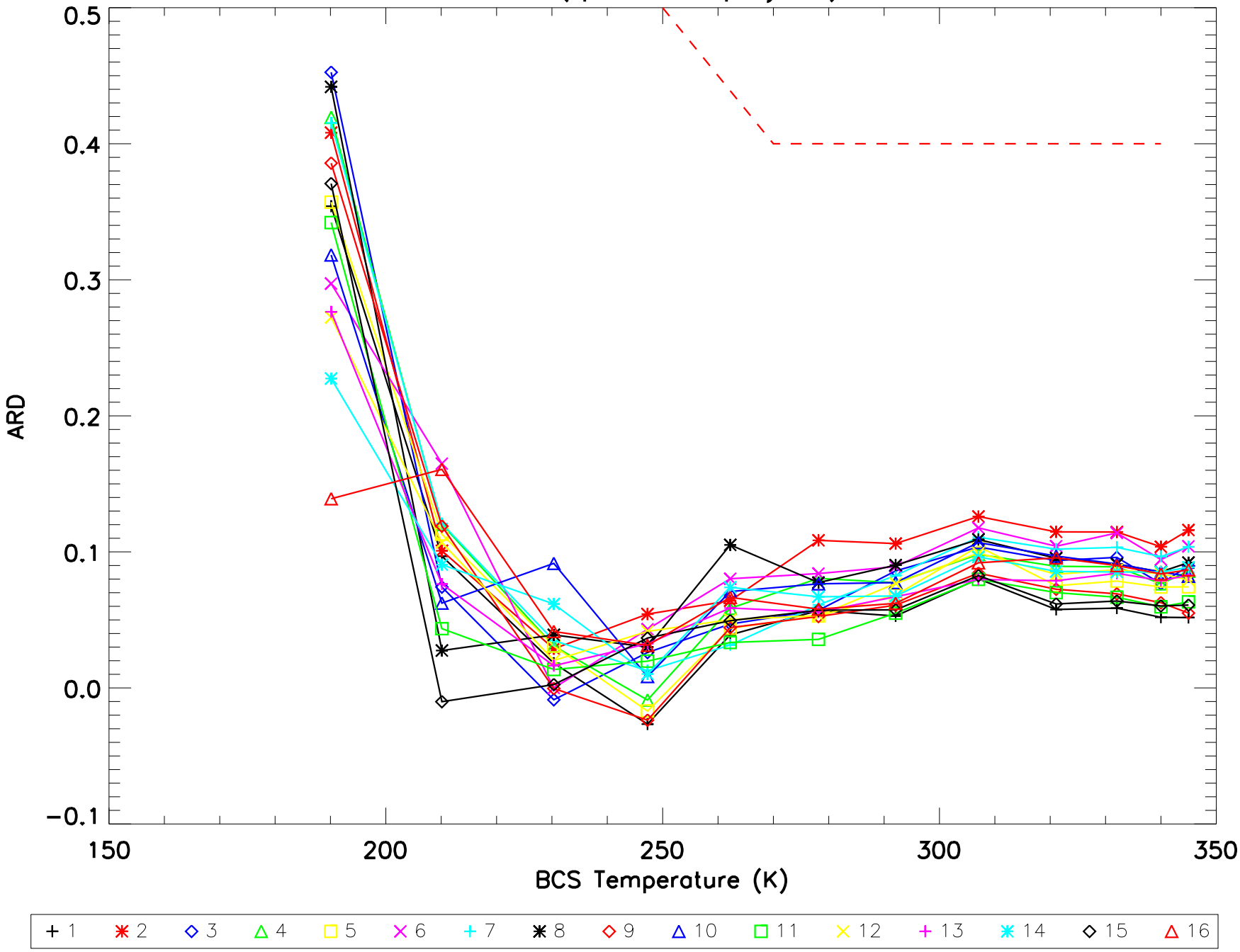

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

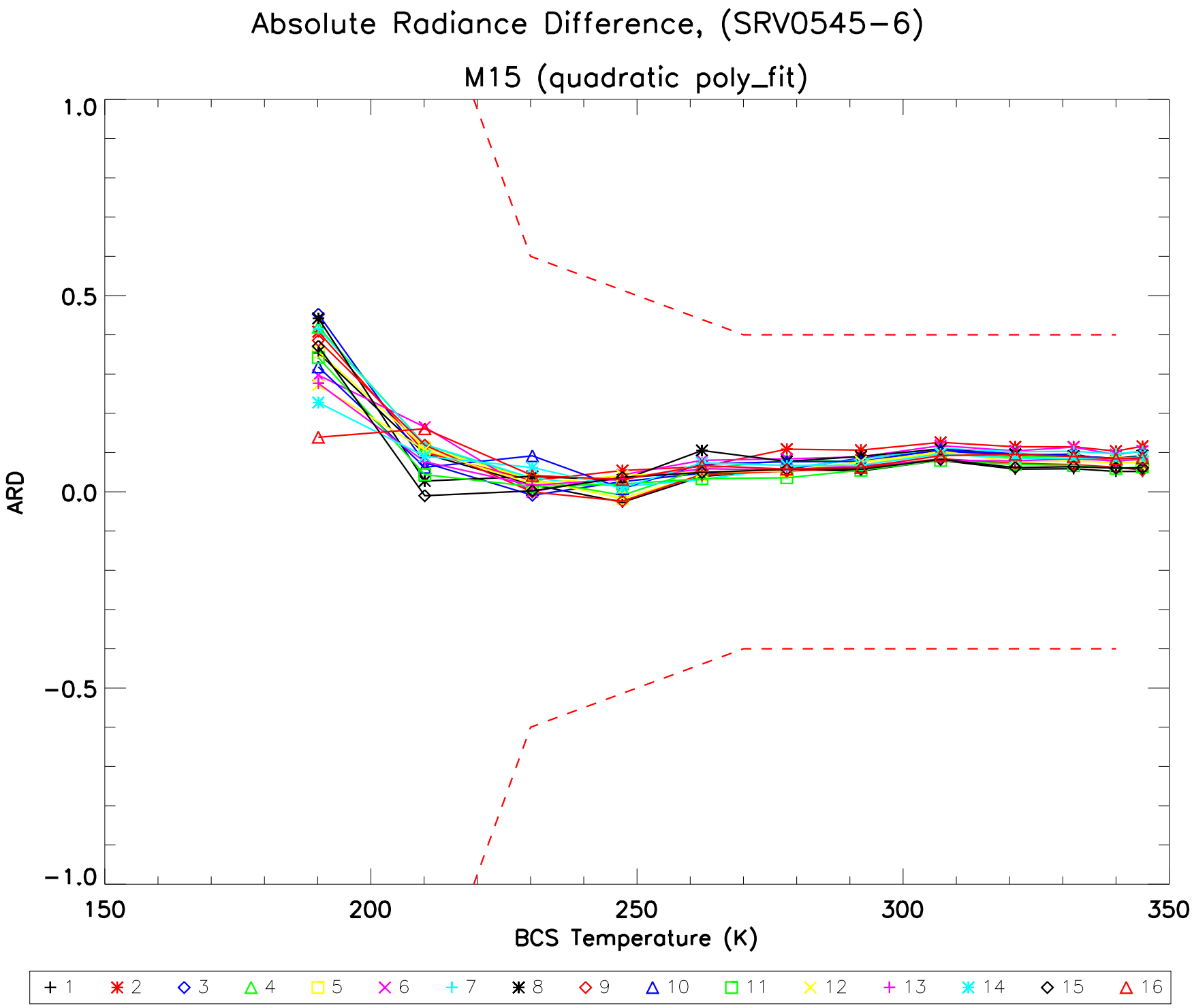

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
BCS Temperature (K)
40
20
0
-20
-40
-60
150
200
250
300
350
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

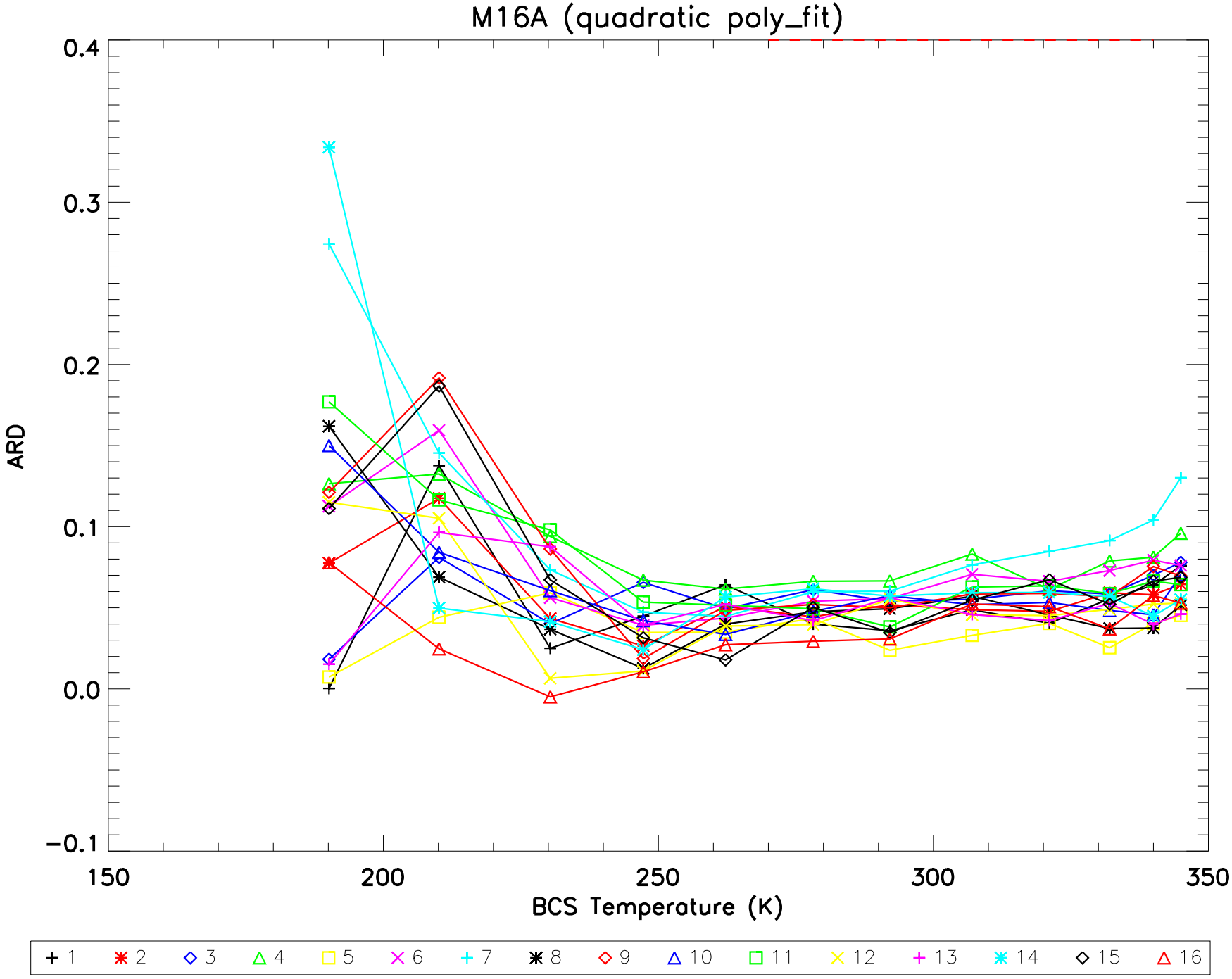

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

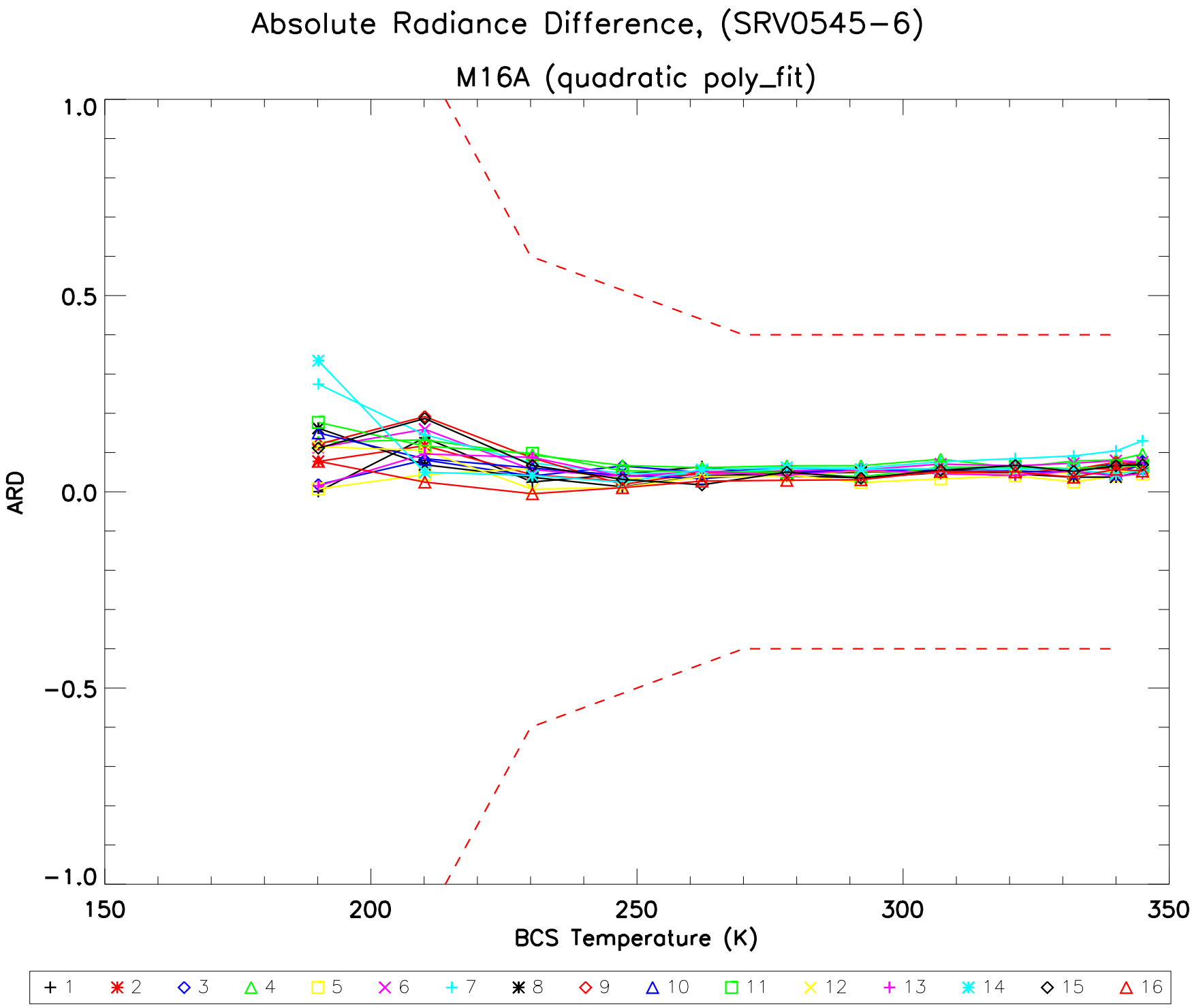

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
2.5
2.0
1.5
1.0
0.5
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

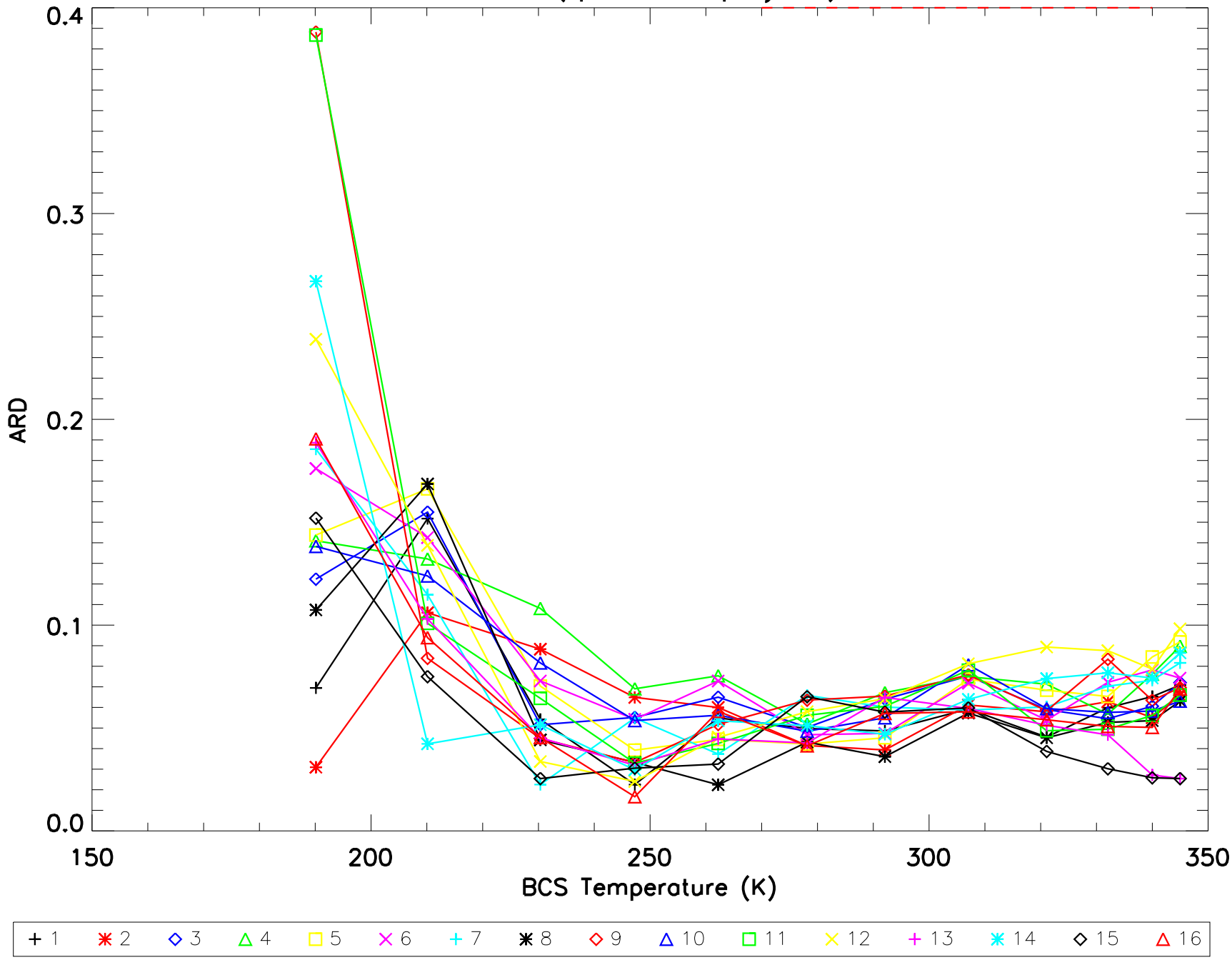

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

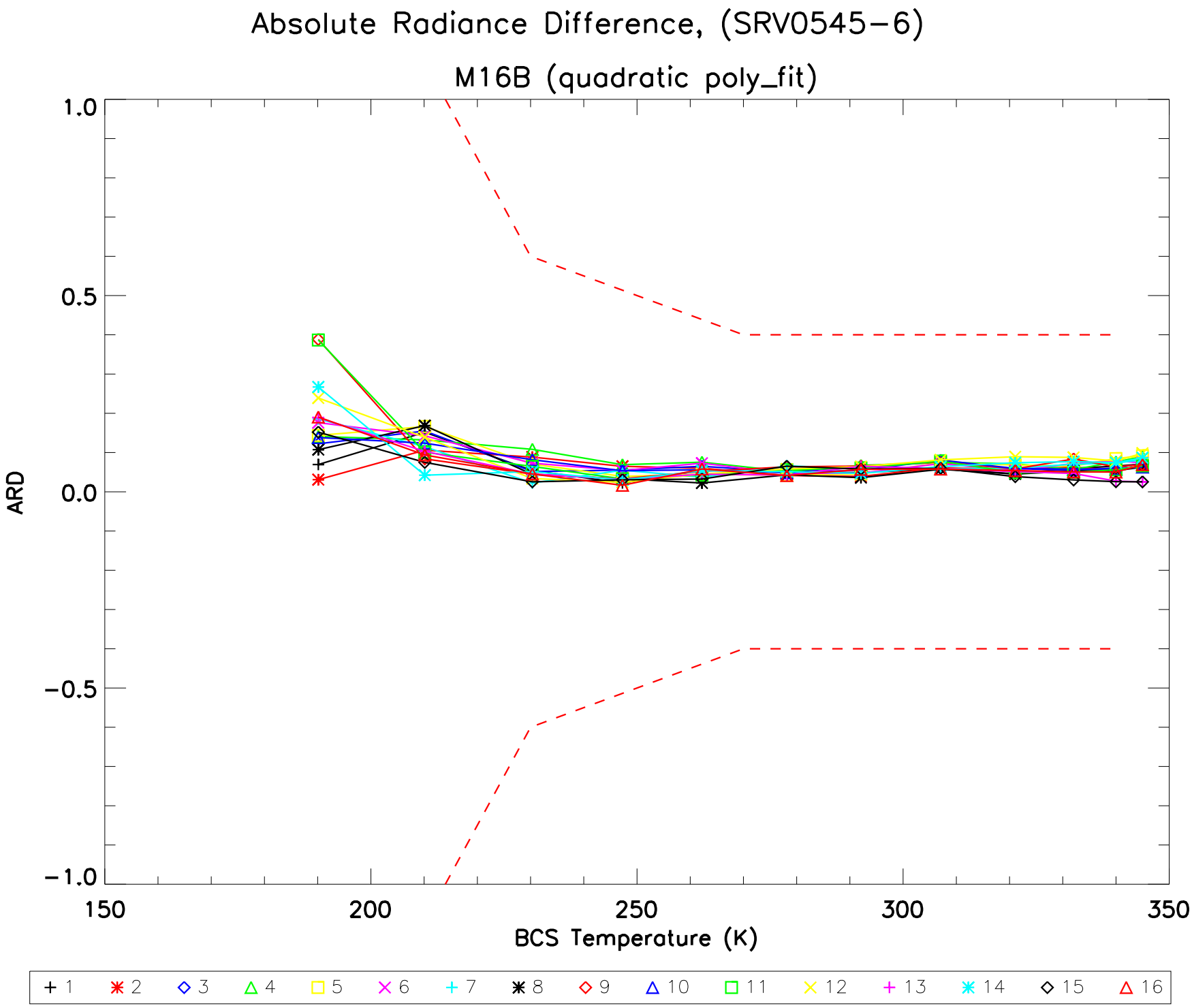

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

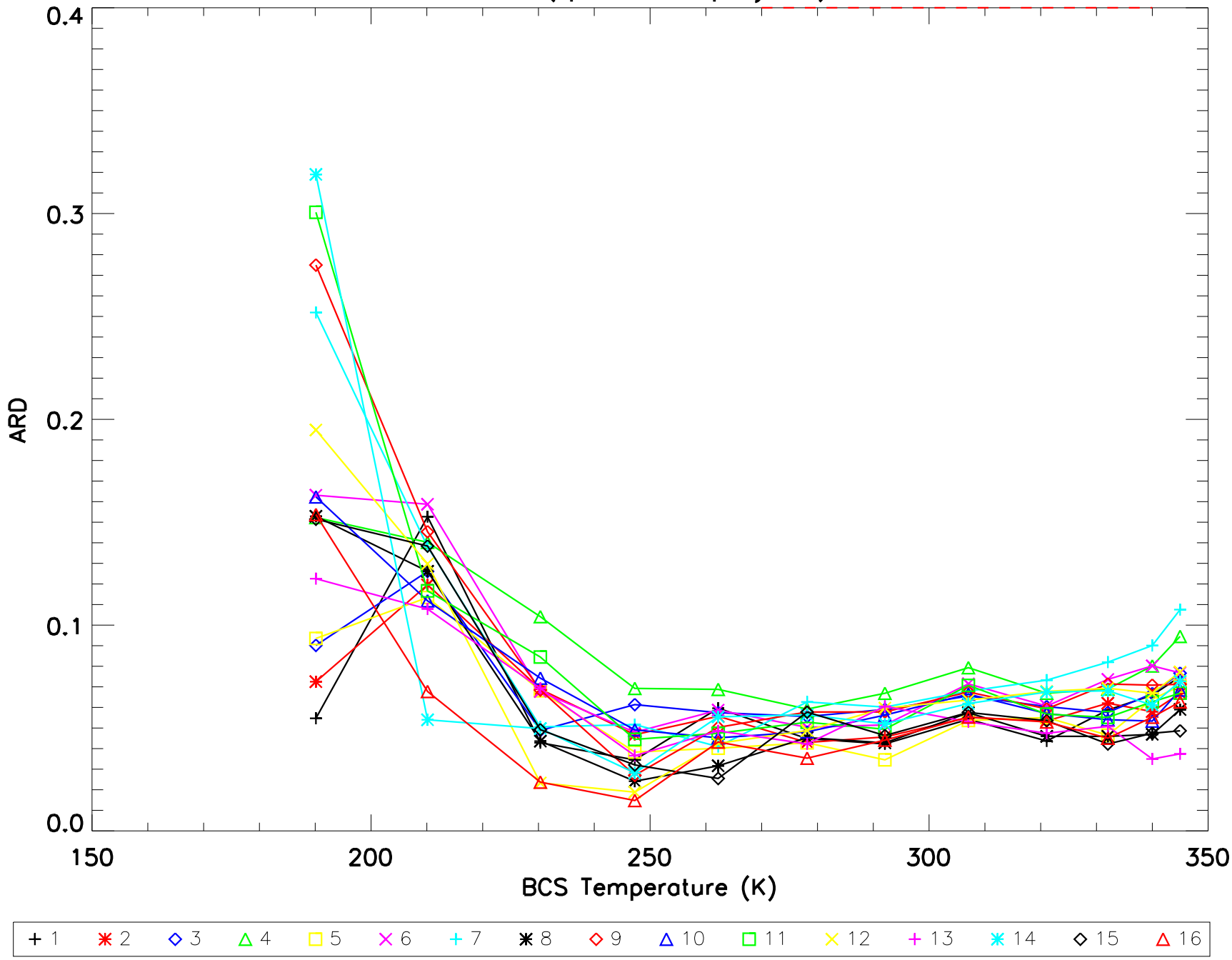

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

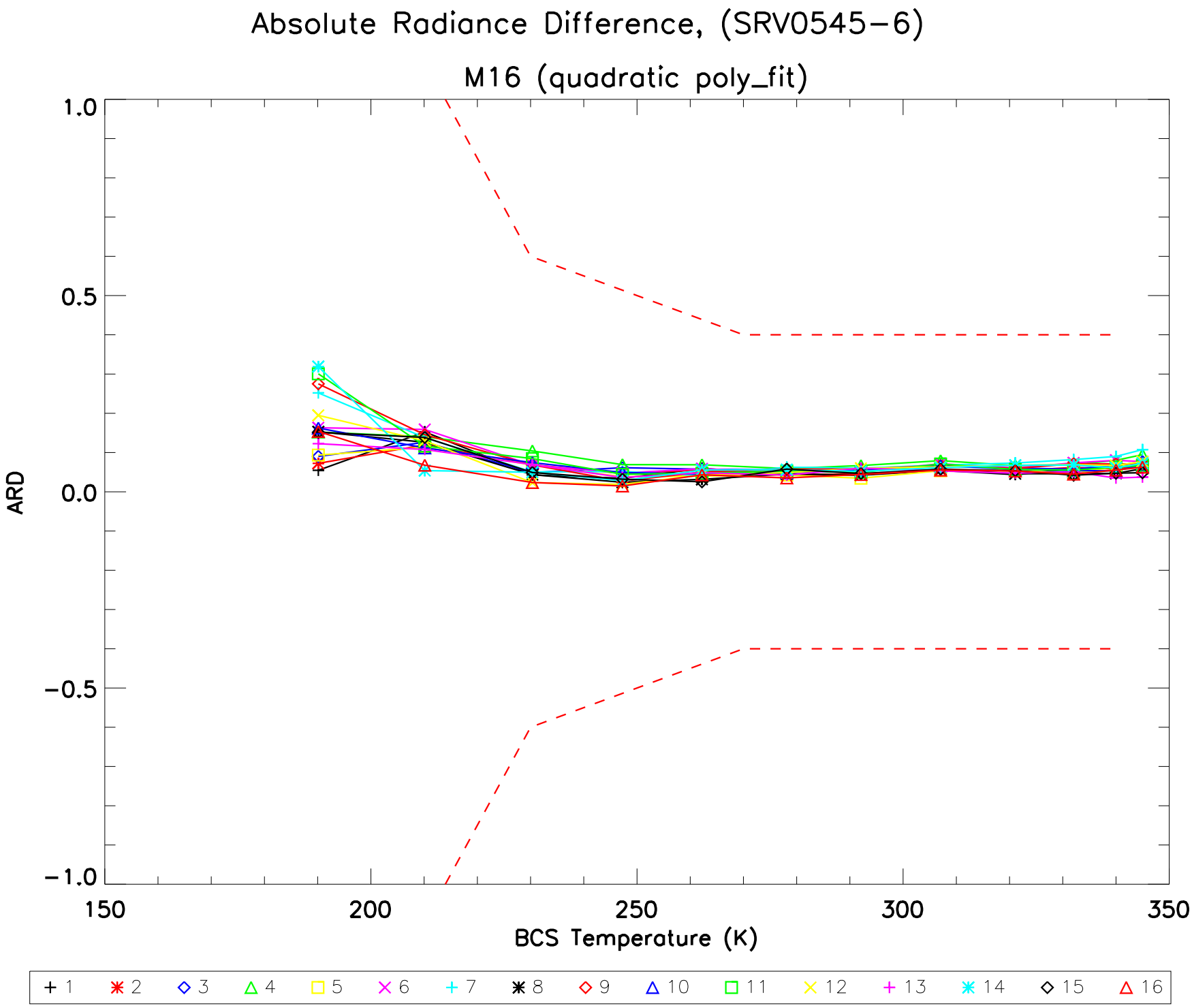

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
0.4
0.3
0.2
0.1
0.0
-0.1
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

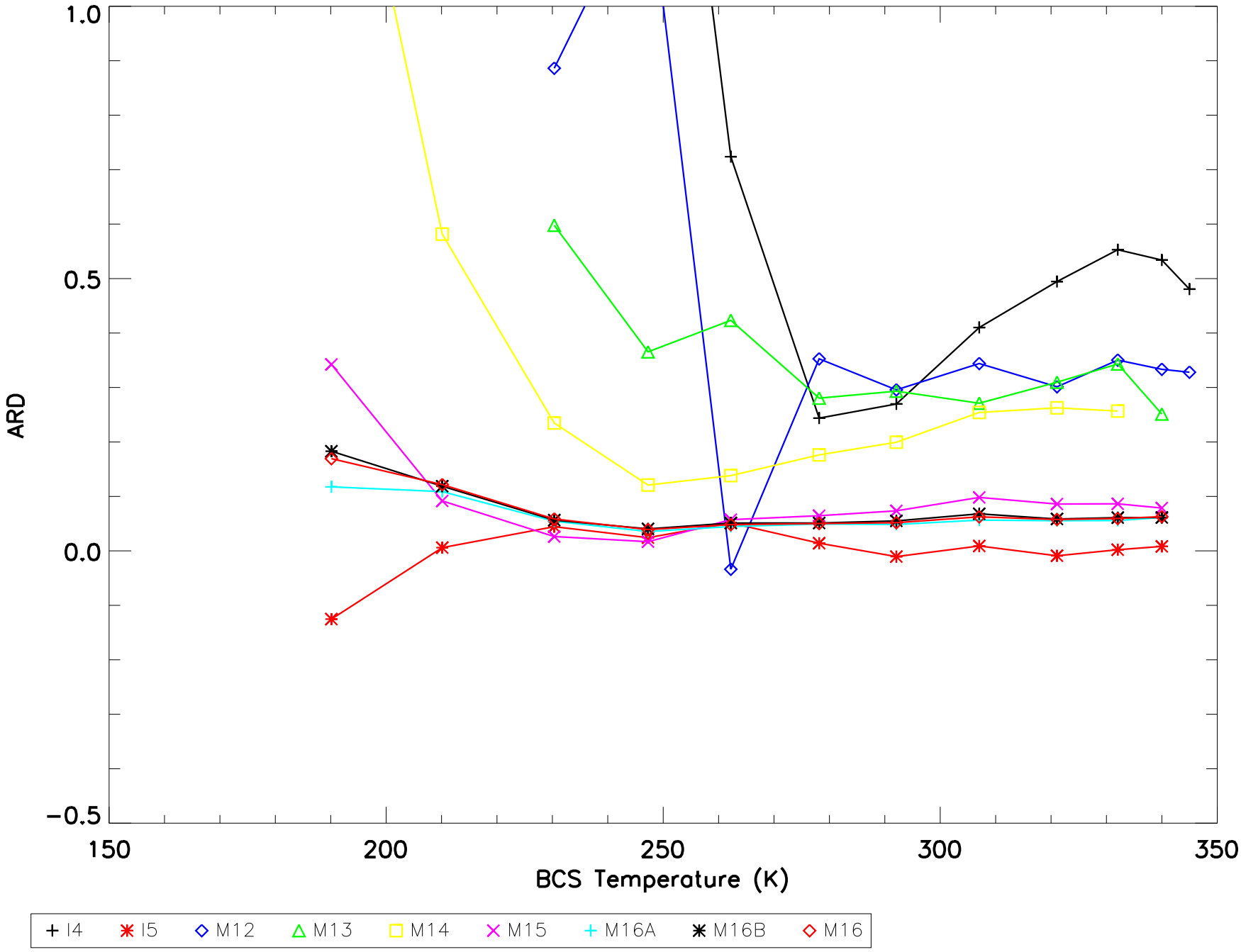

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

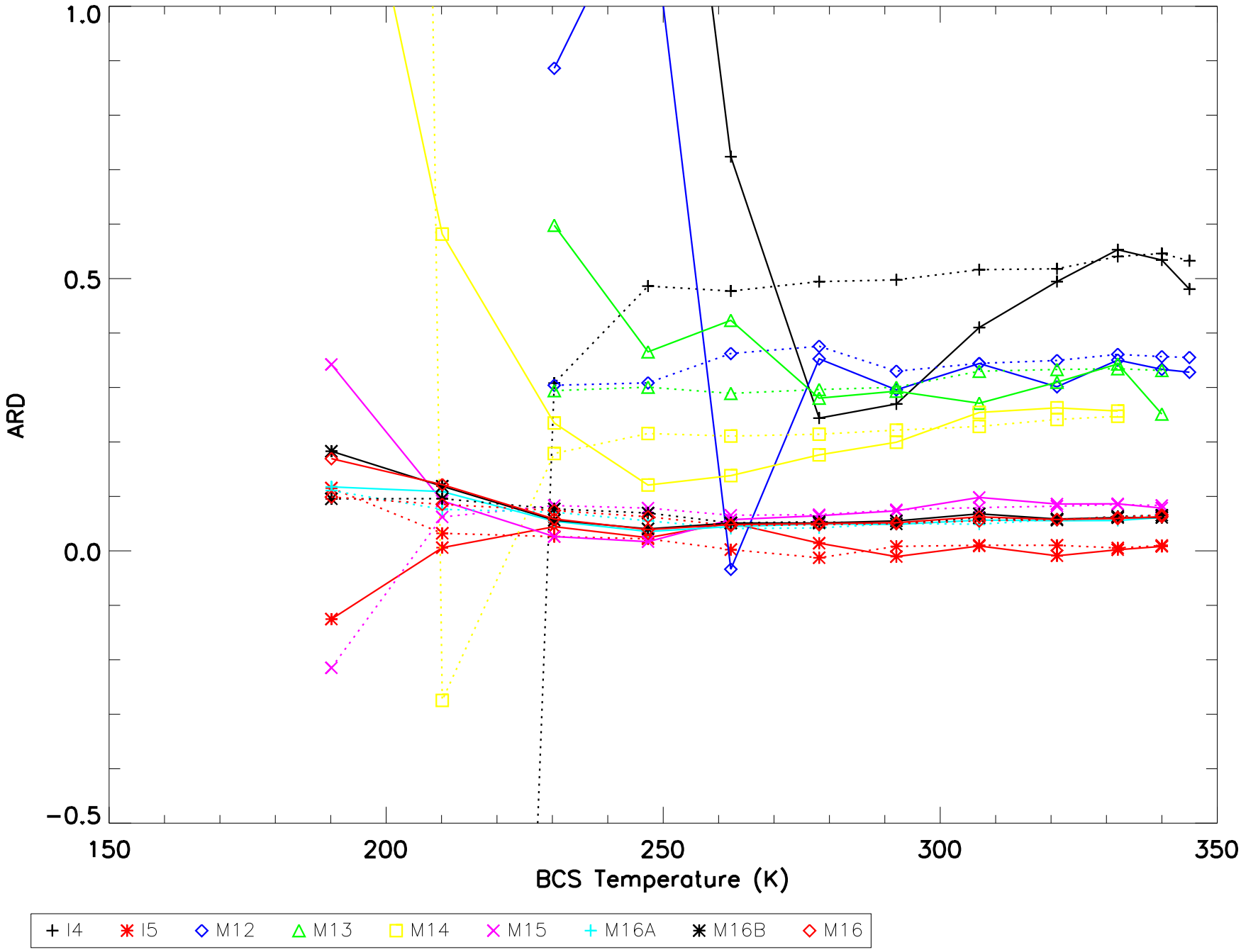

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
0.4
0.3
0.2
0.1
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

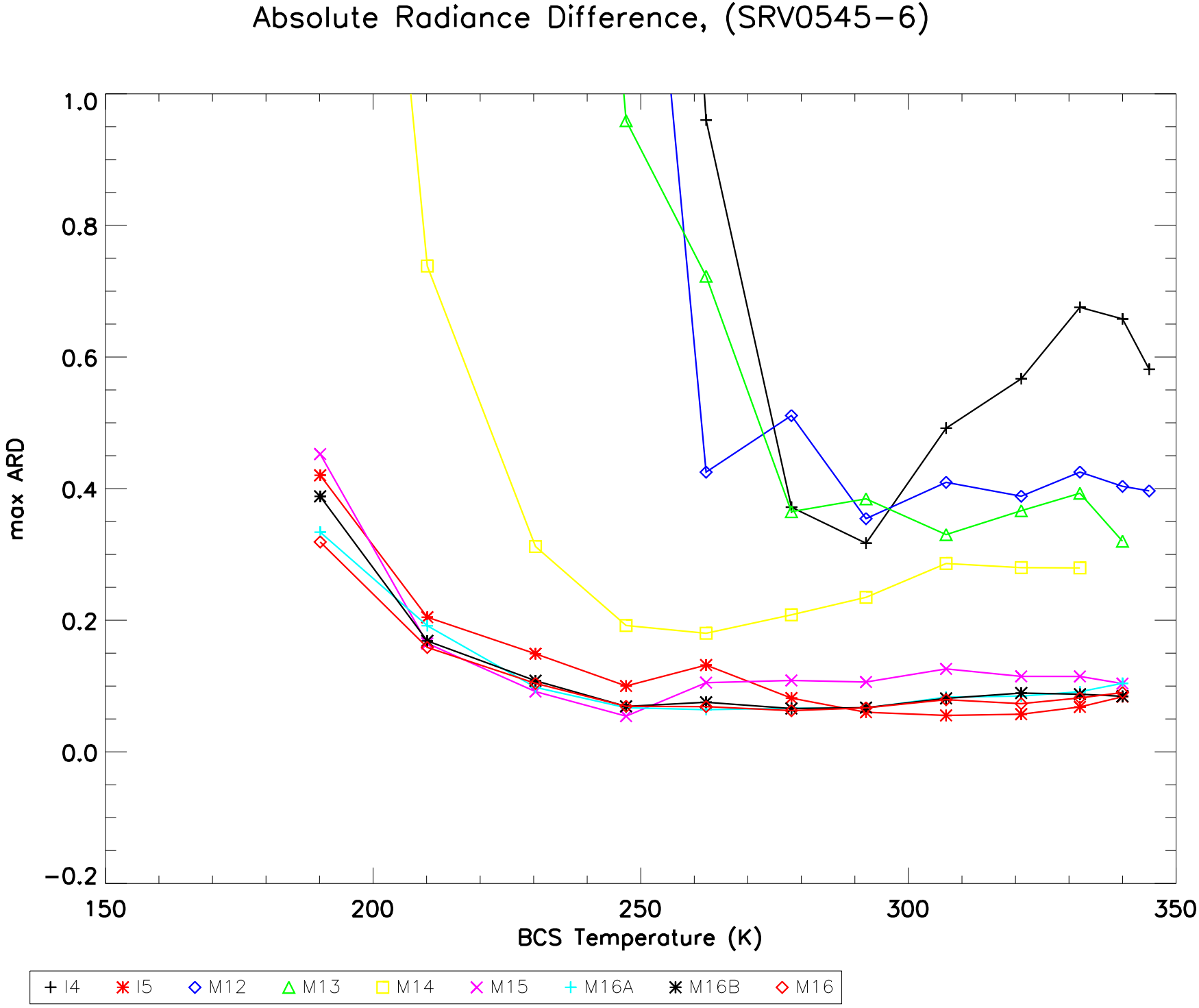

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
0.4
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

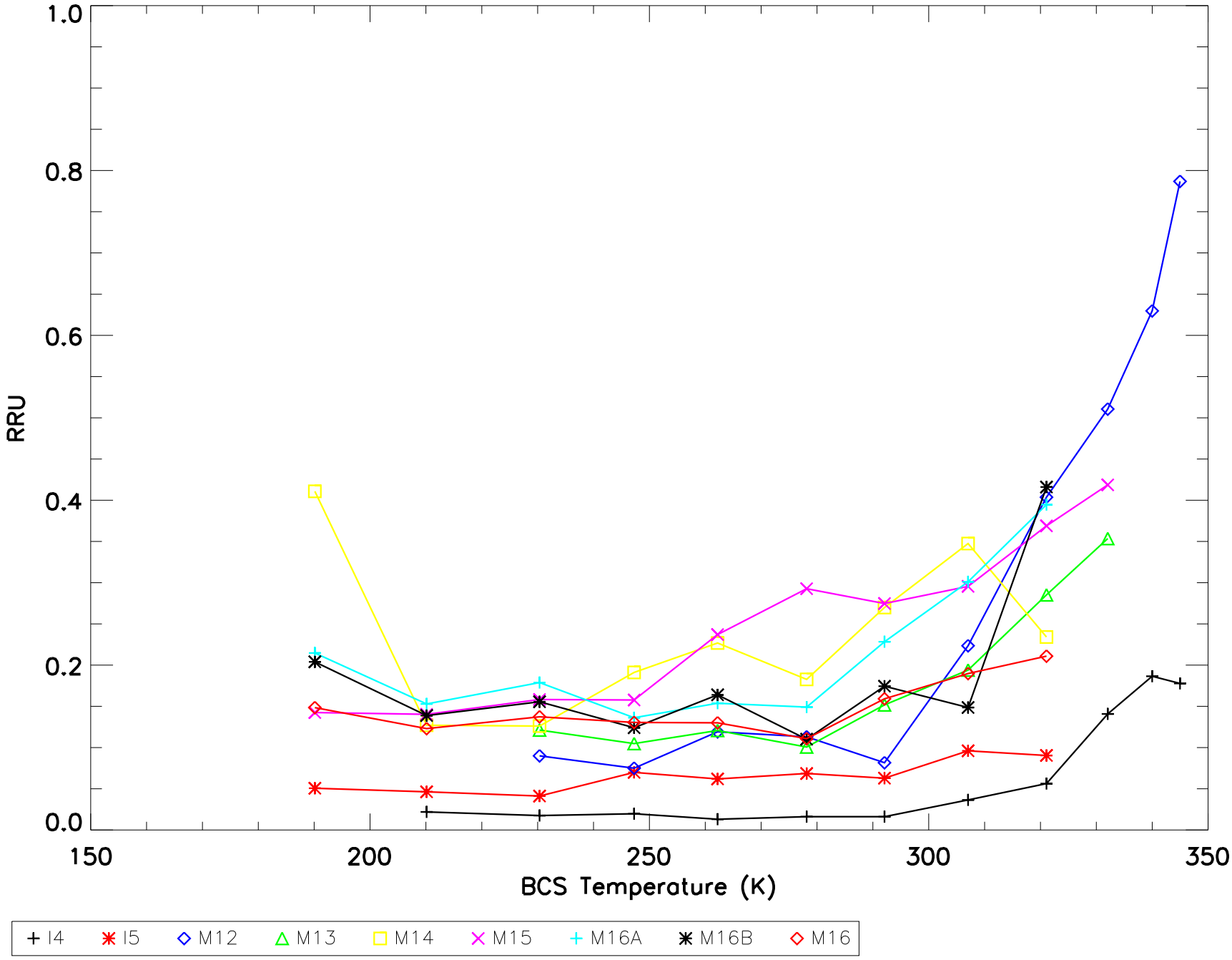

Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


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

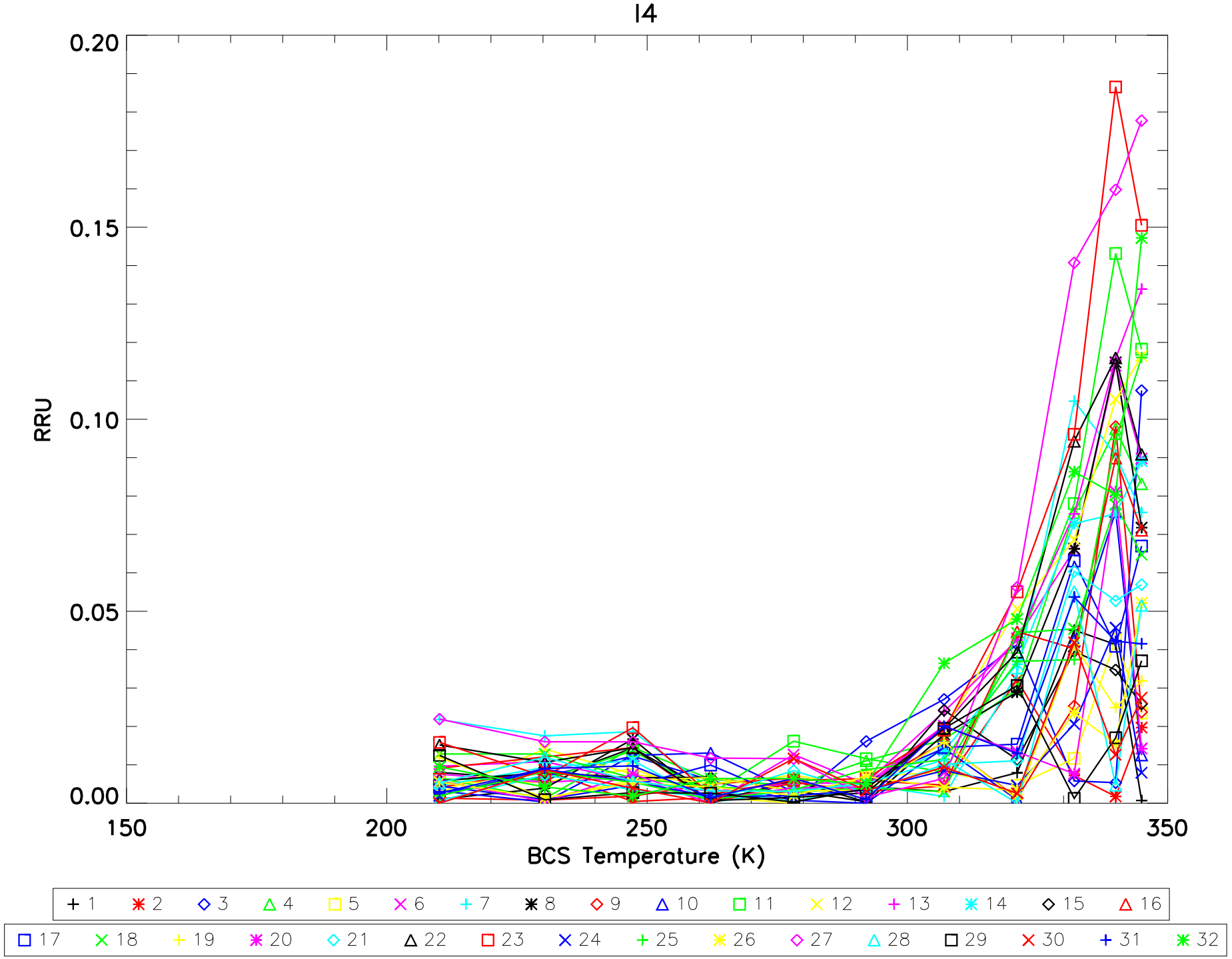

Absolute Radiance Difference, (SRV0545-6)
1.0
0.5
0.0
-0.5
ARD
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

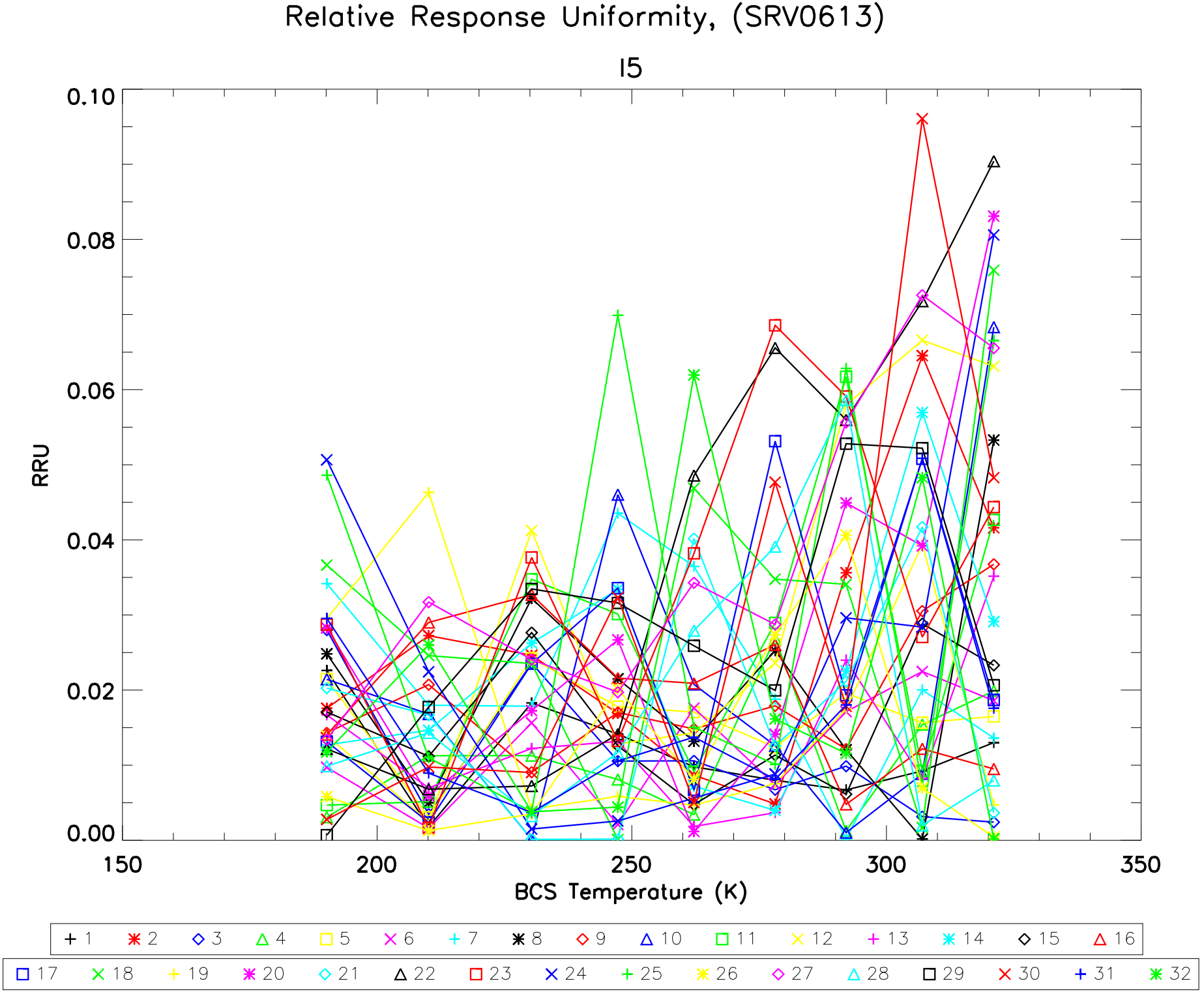

Absolute Radiance Difference, (SRV0545-6)
max ARD
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

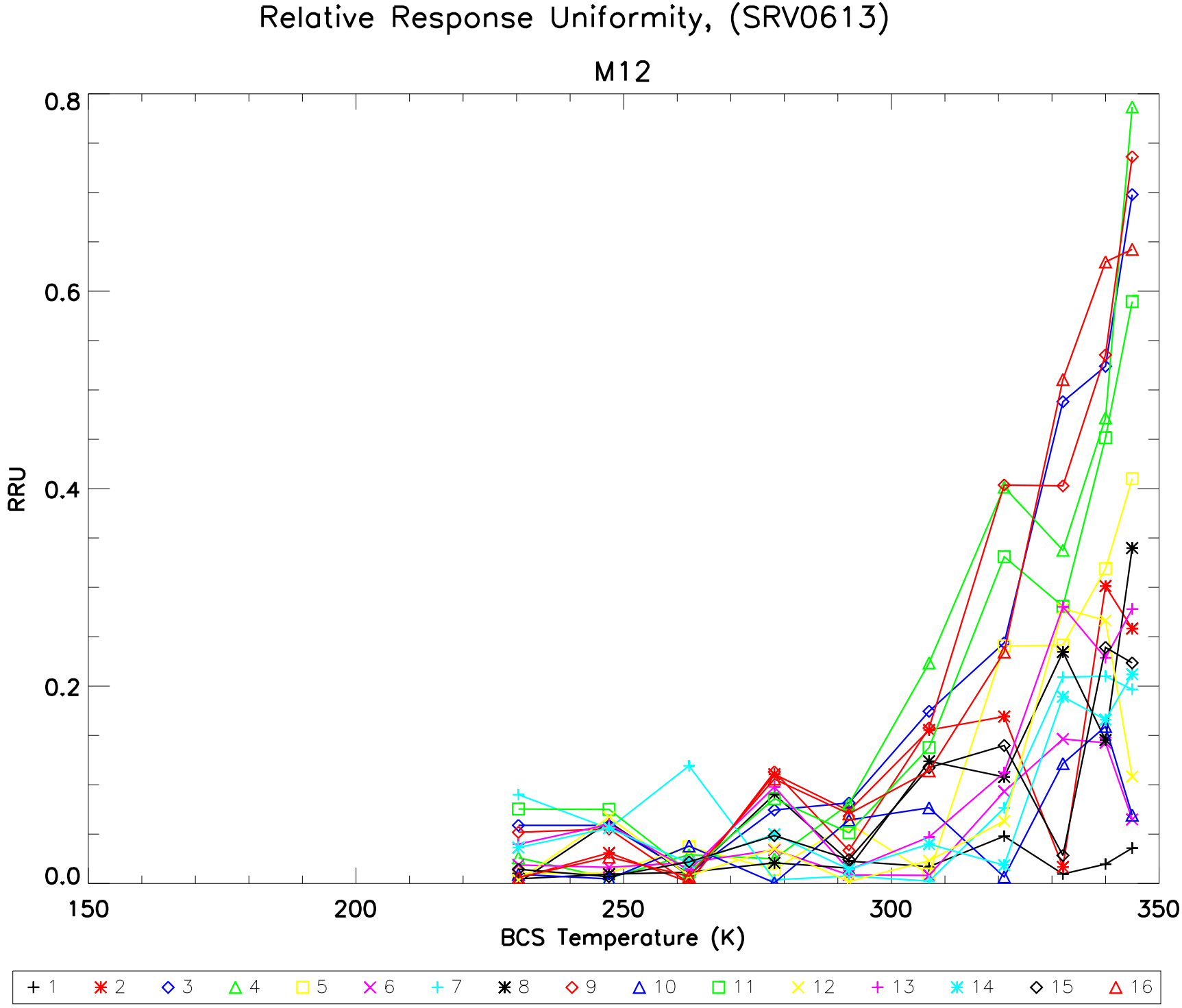
# Relative Response Uniformity, (SRV0613)

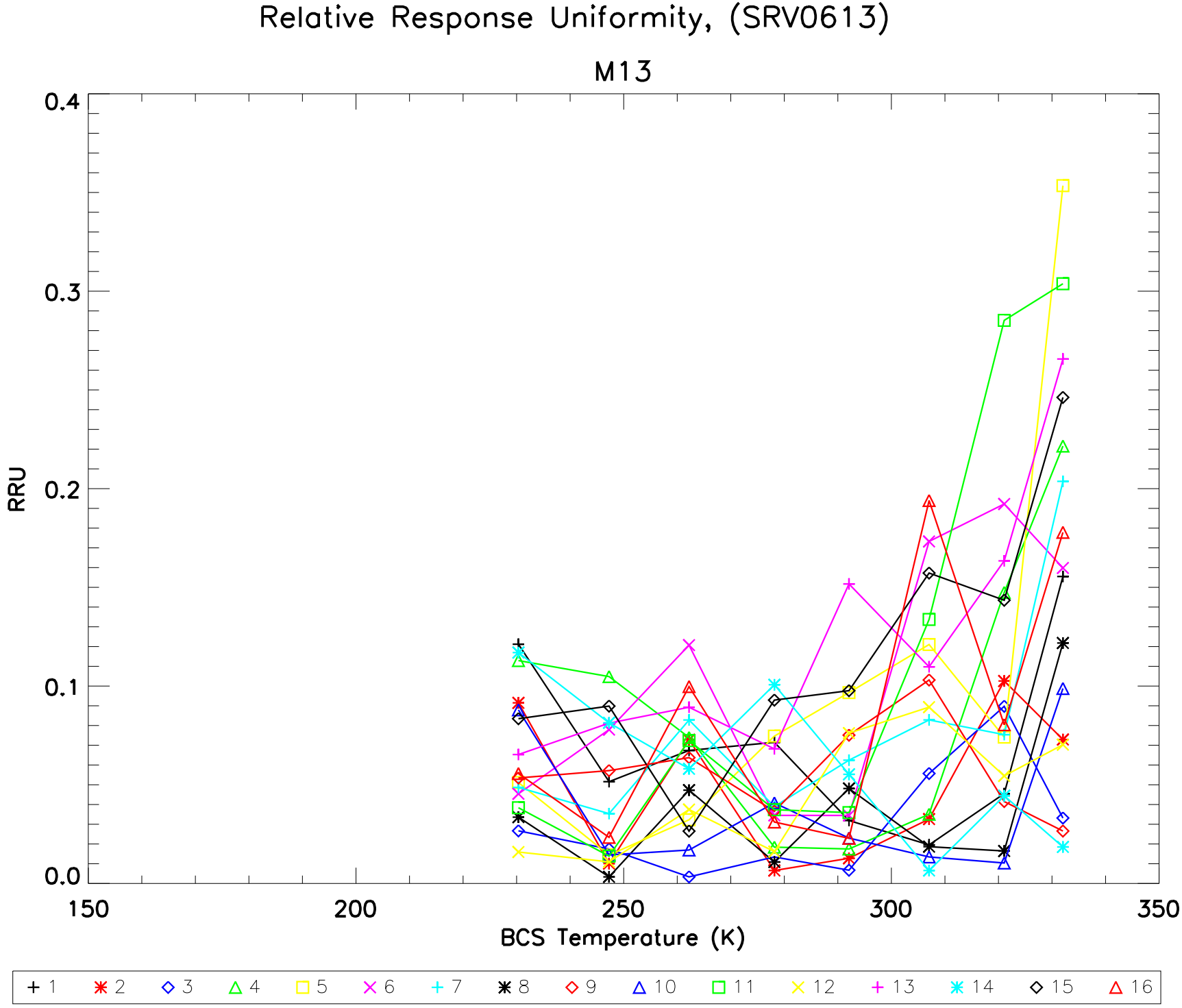


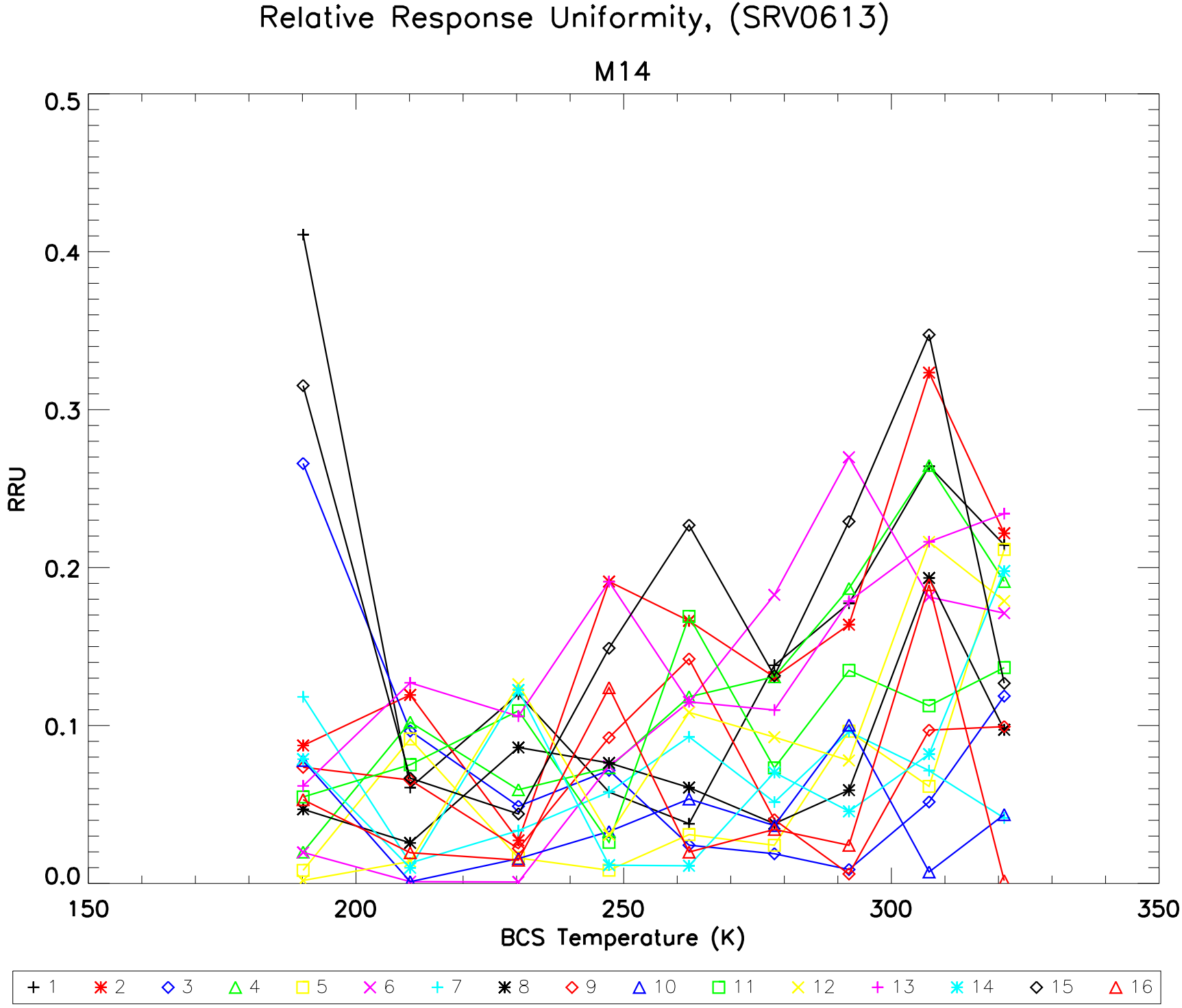
# Relative Response Uniformity, (SRV0613)

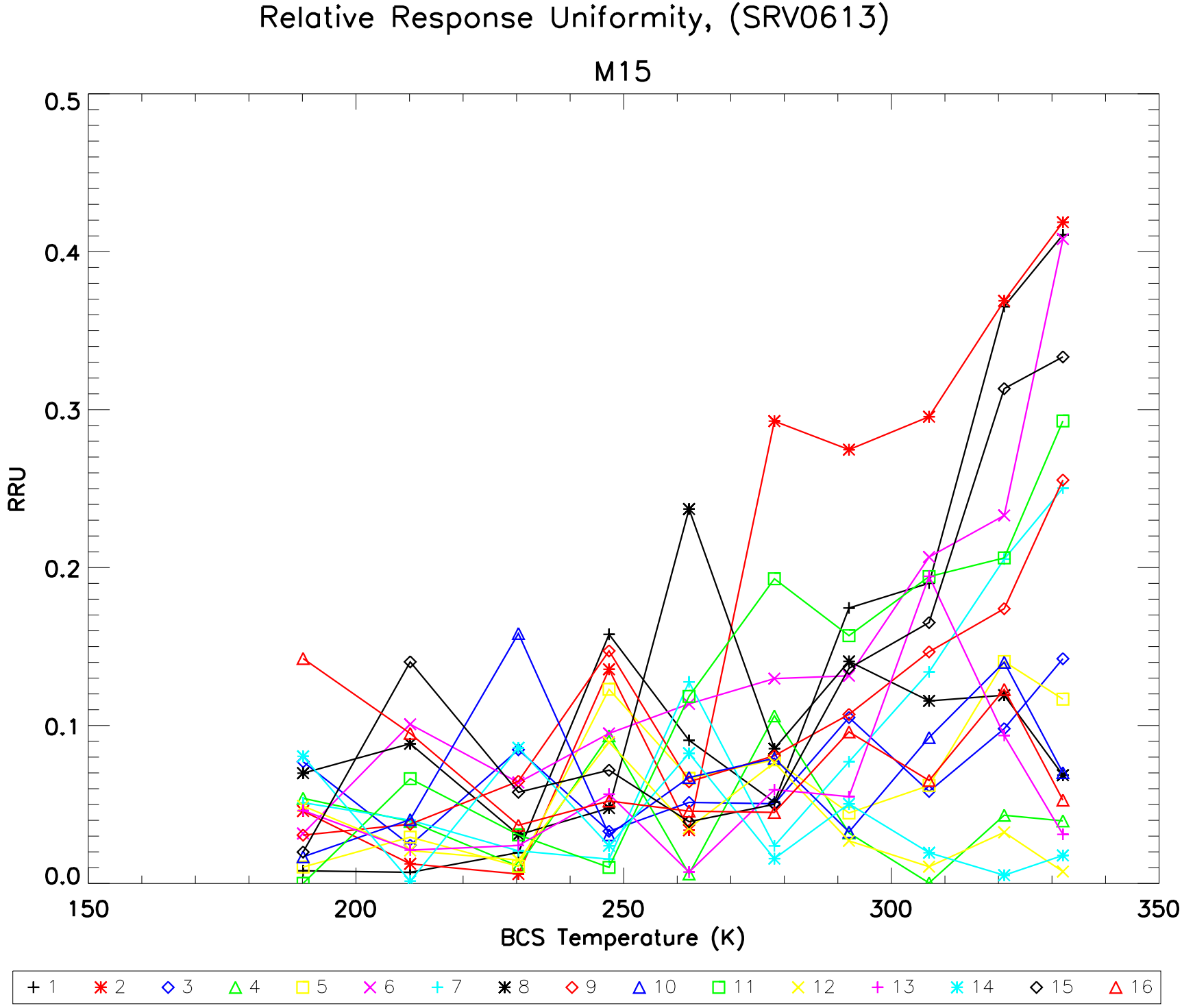


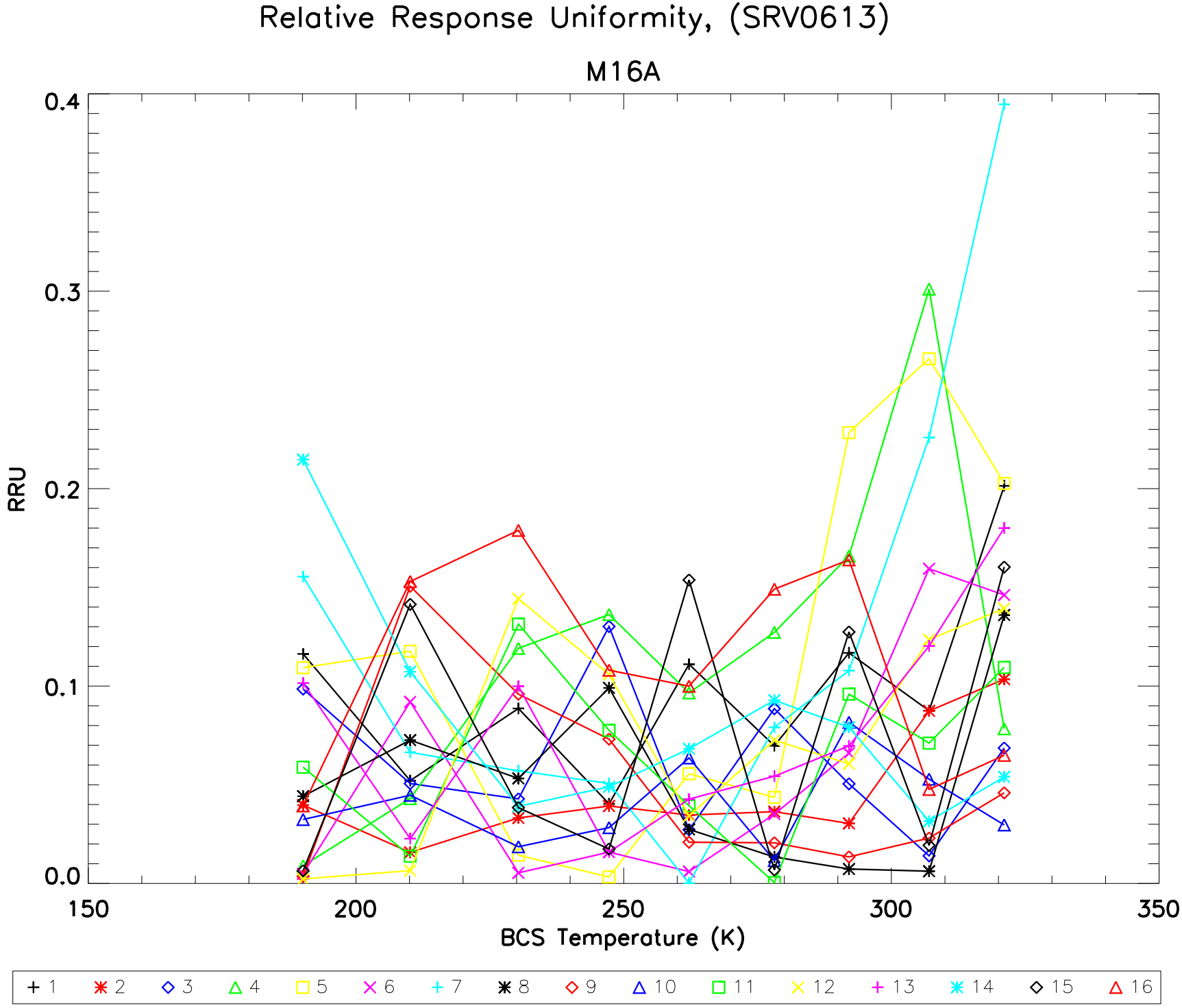

Relative Response Uniformity, (SRV0613)
I5
0.10
0.08
0.06
0.04
0.02
0.00
RRU
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

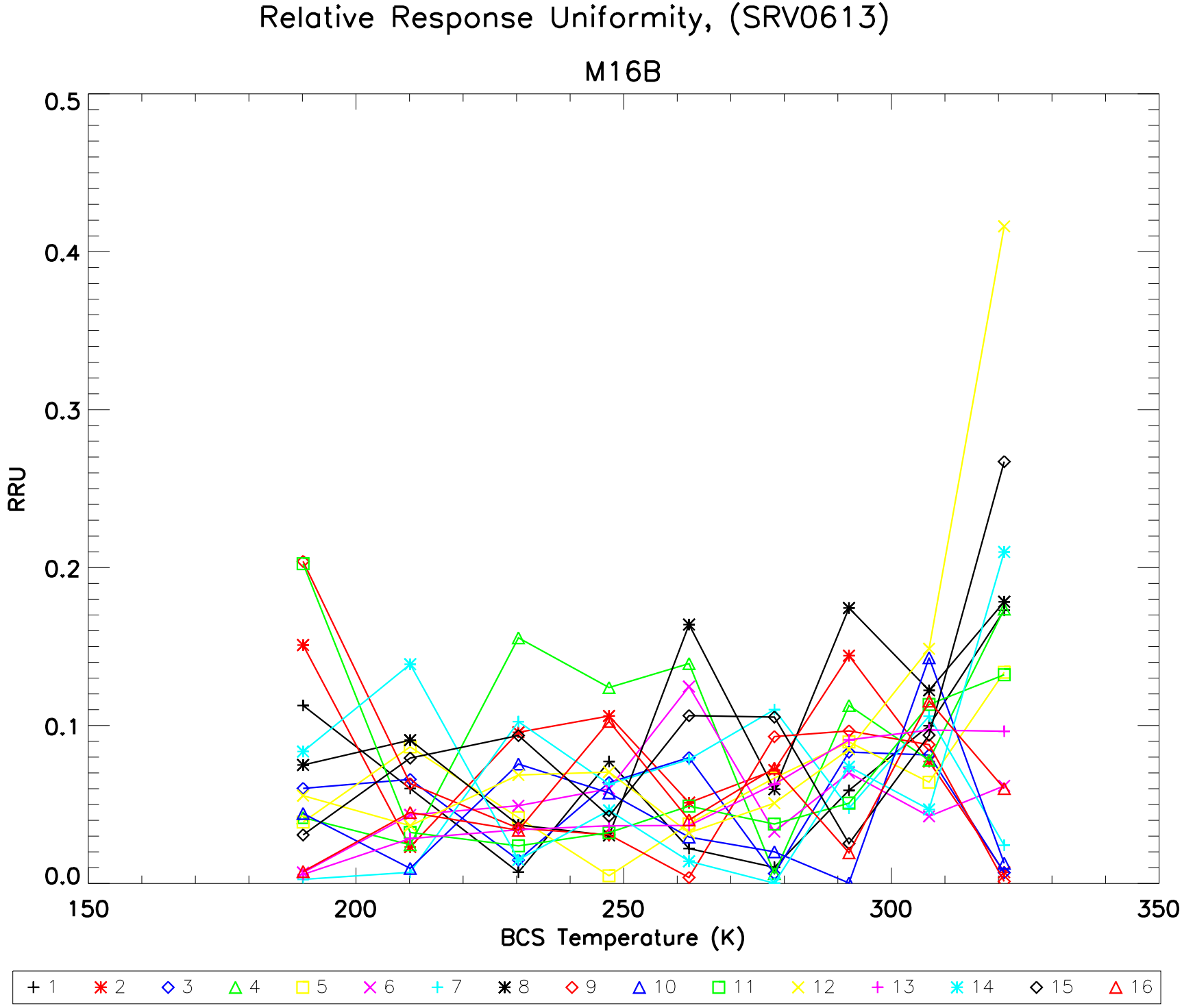

Relative Response Uniformity, (SRV0613)
M12
RRU
0.0
0.2
0.4
0.6
0.8
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

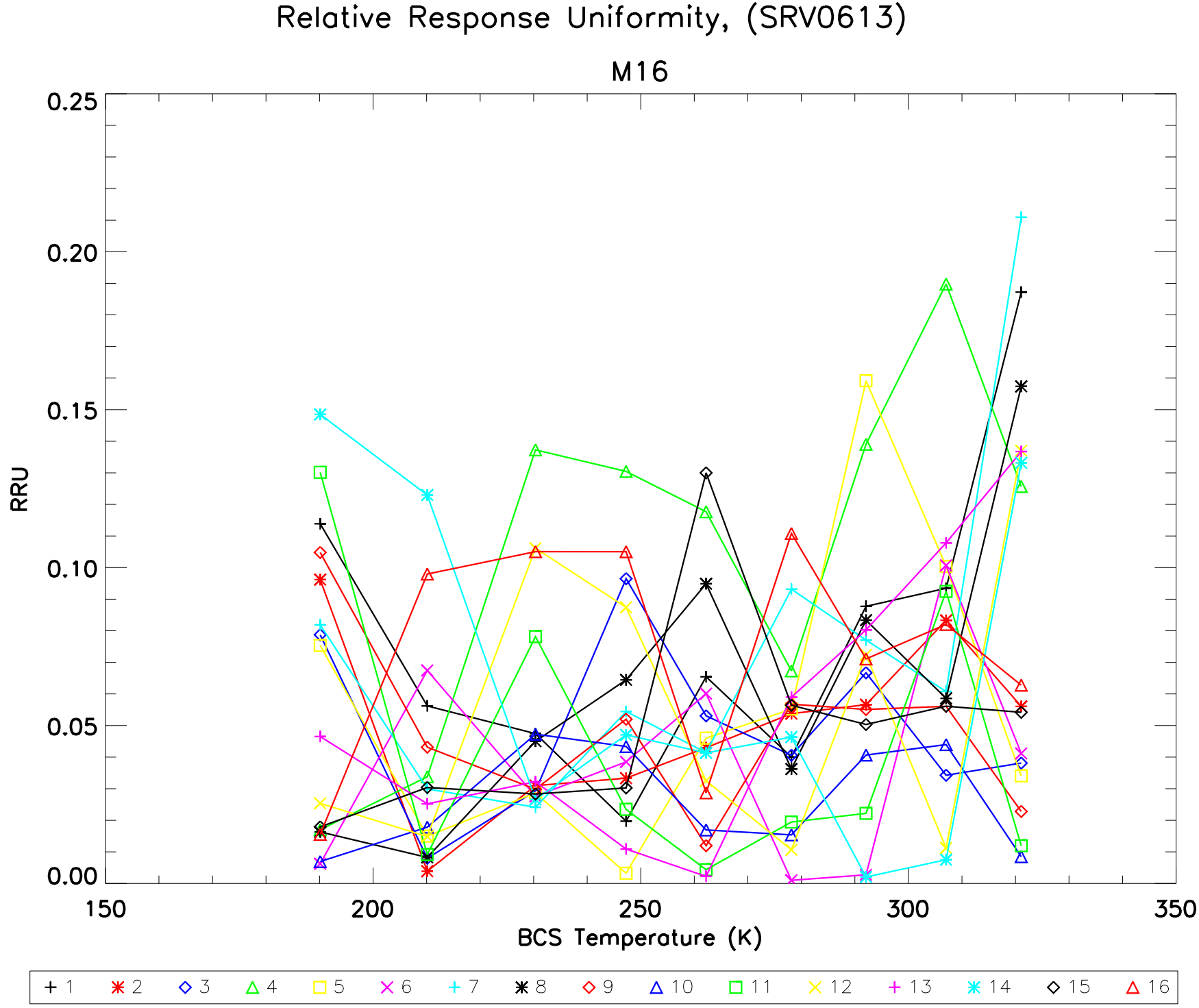

Relative Response Uniformity, (SRV0613)
M13
RRU
0.4
0.3
0.2
0.1
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M14
RRU
0.5
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)
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
0.4
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)
M16B
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)
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