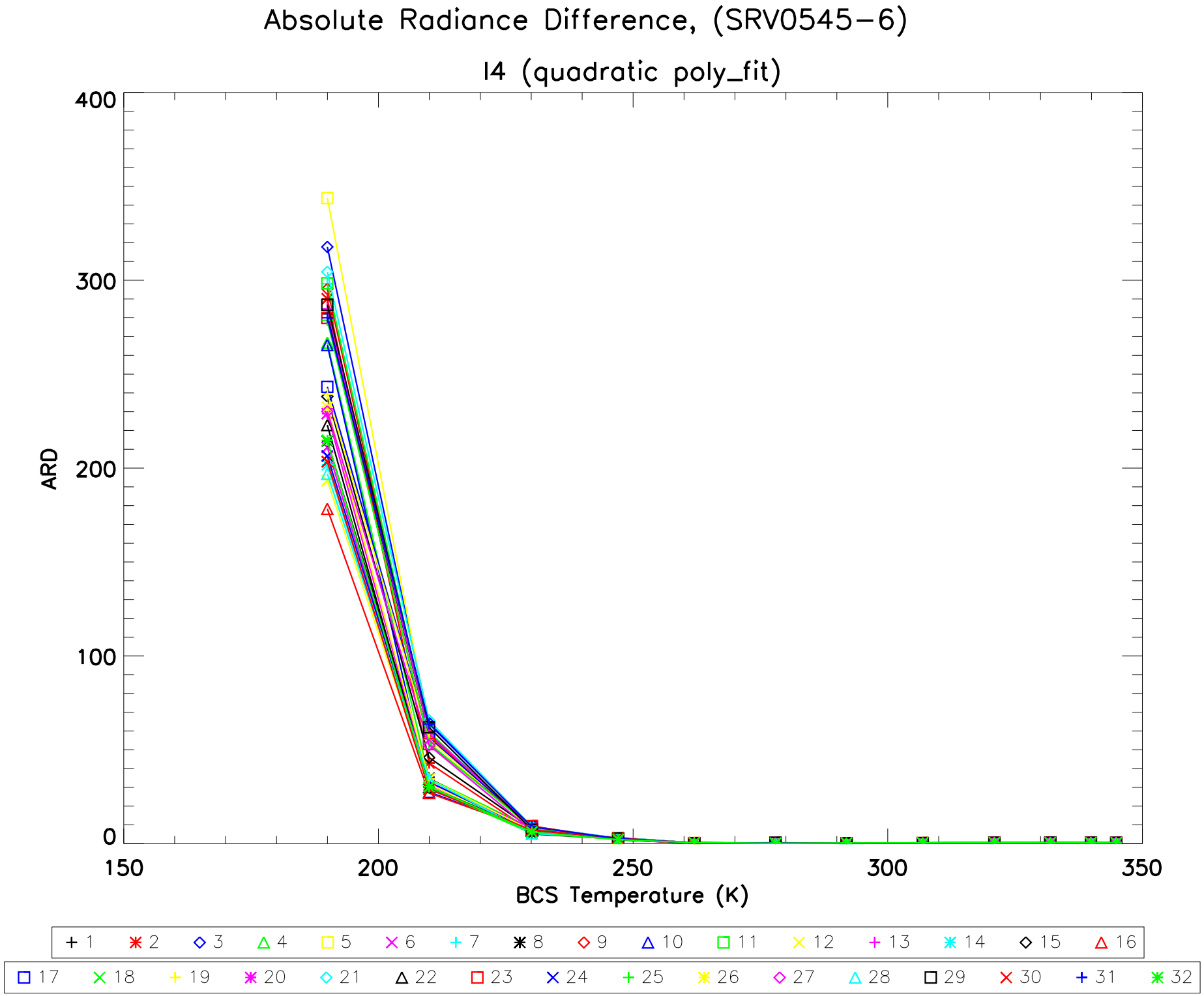
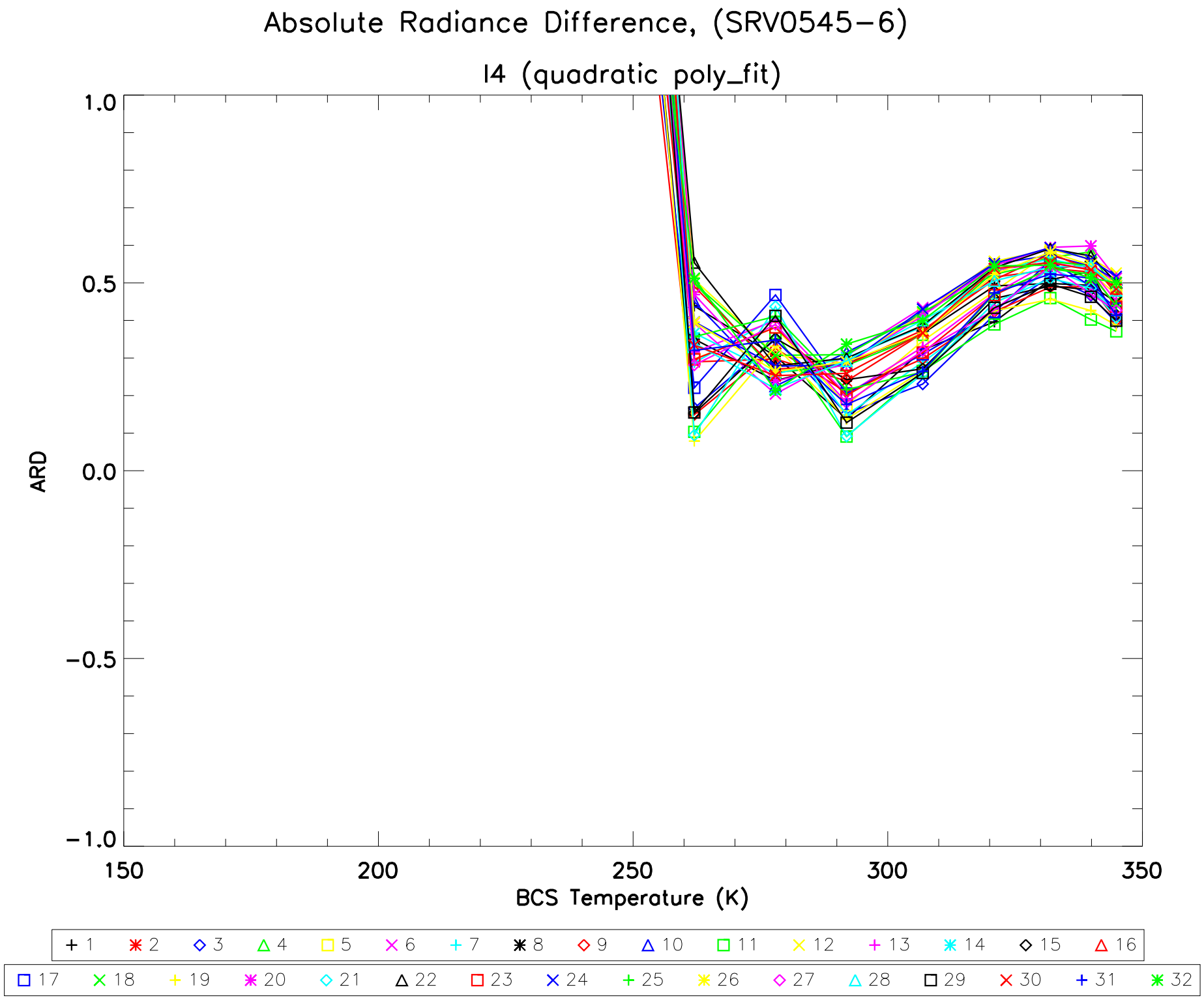
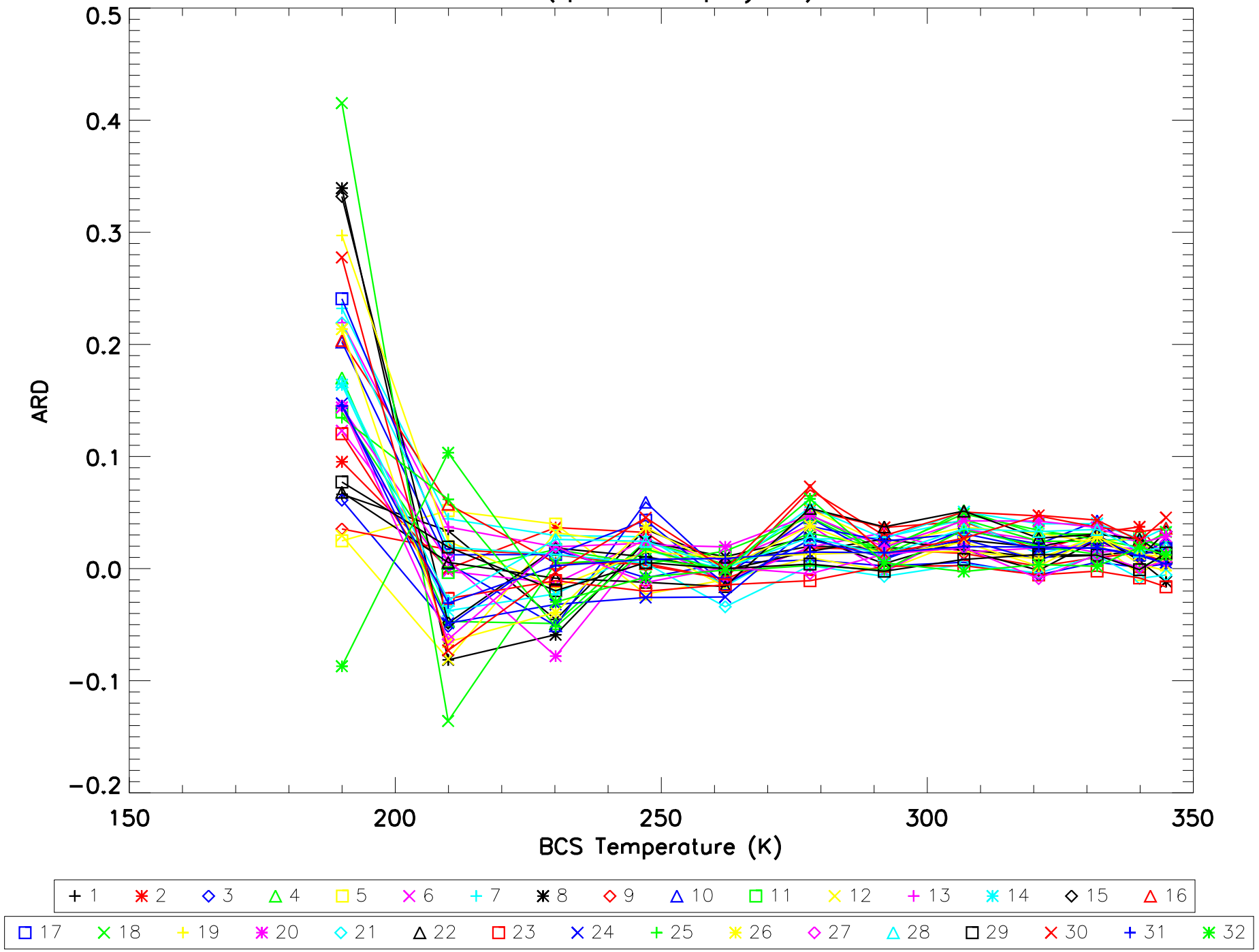
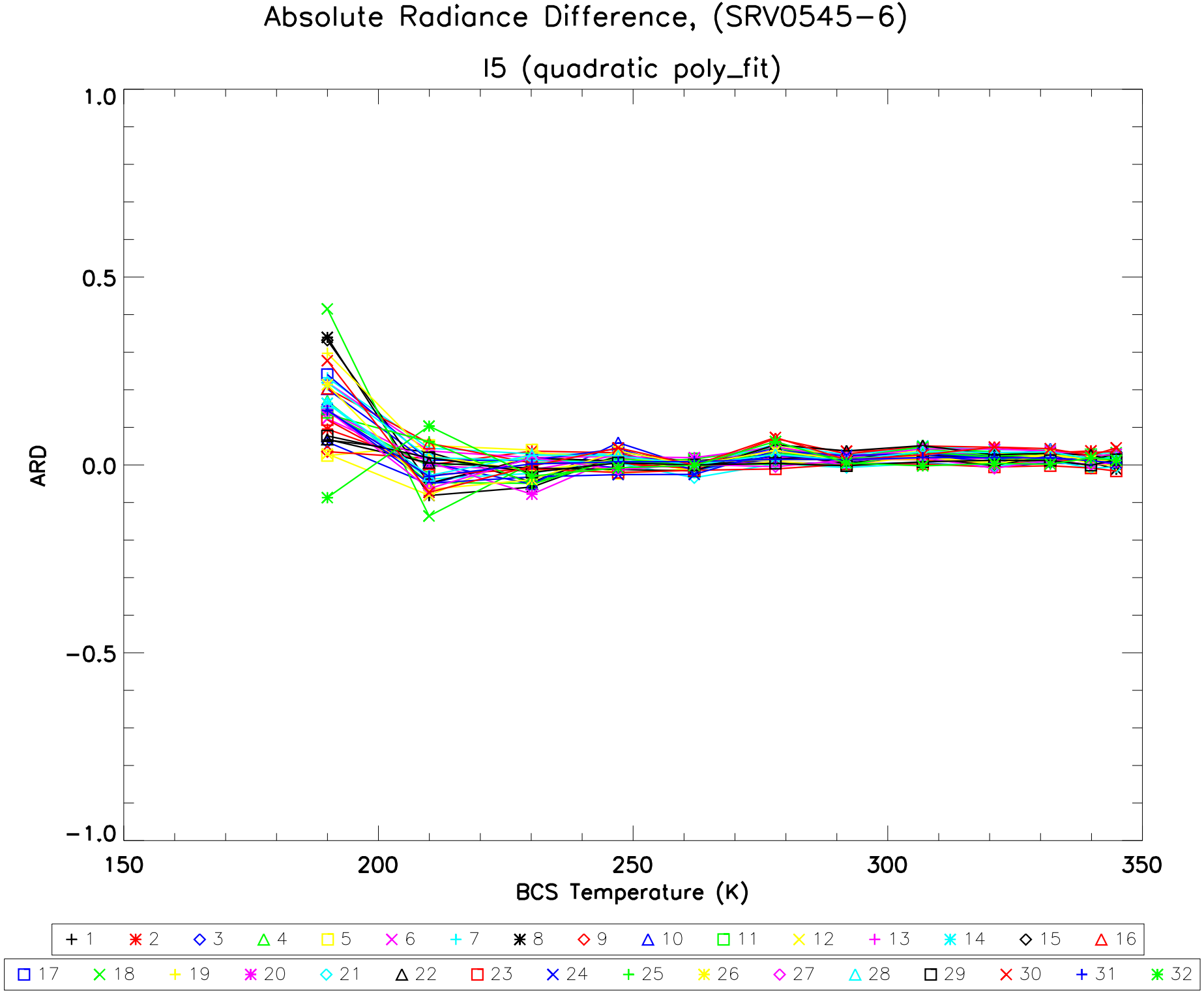
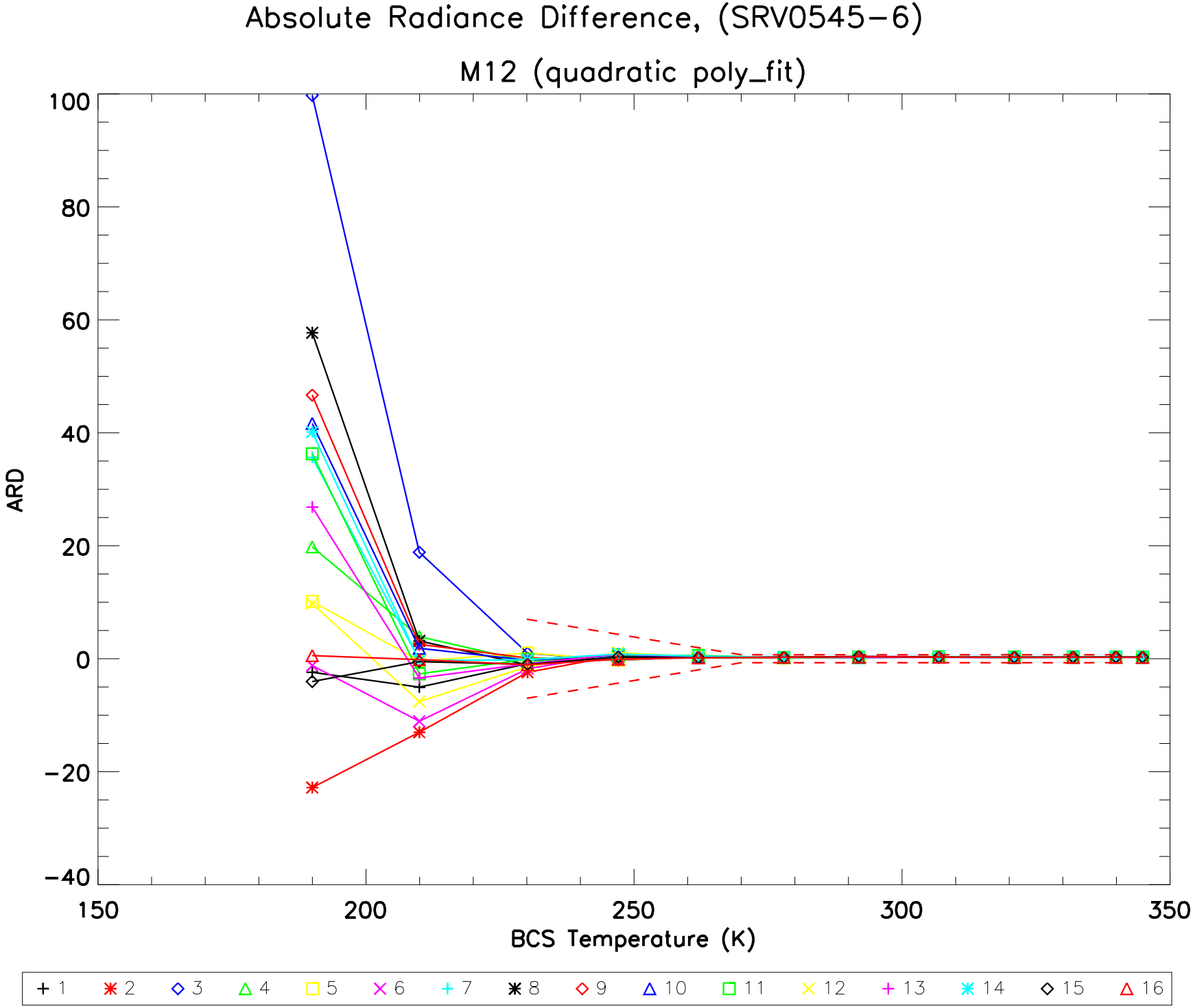
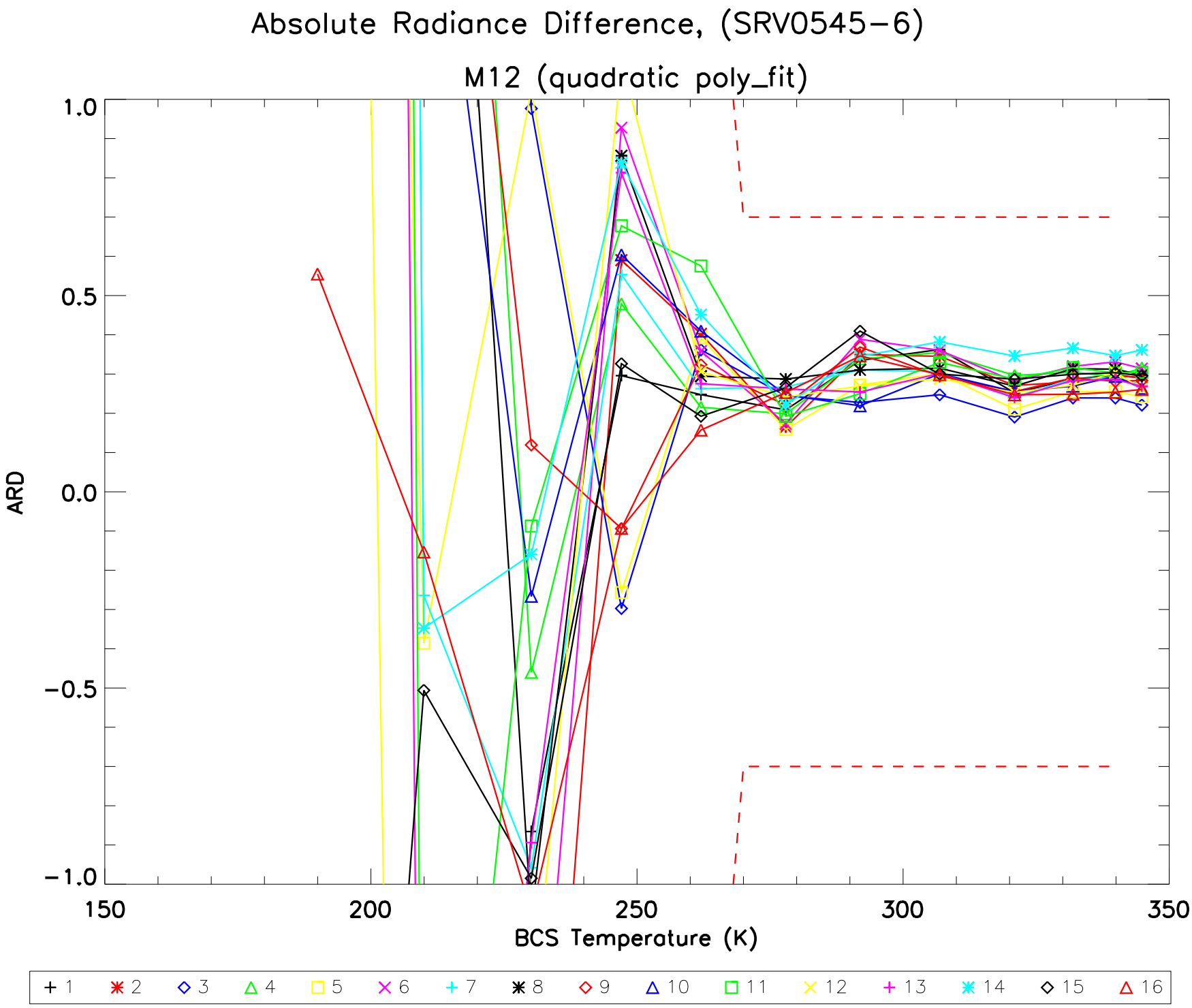

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
ARD
400
300
200
100
0
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

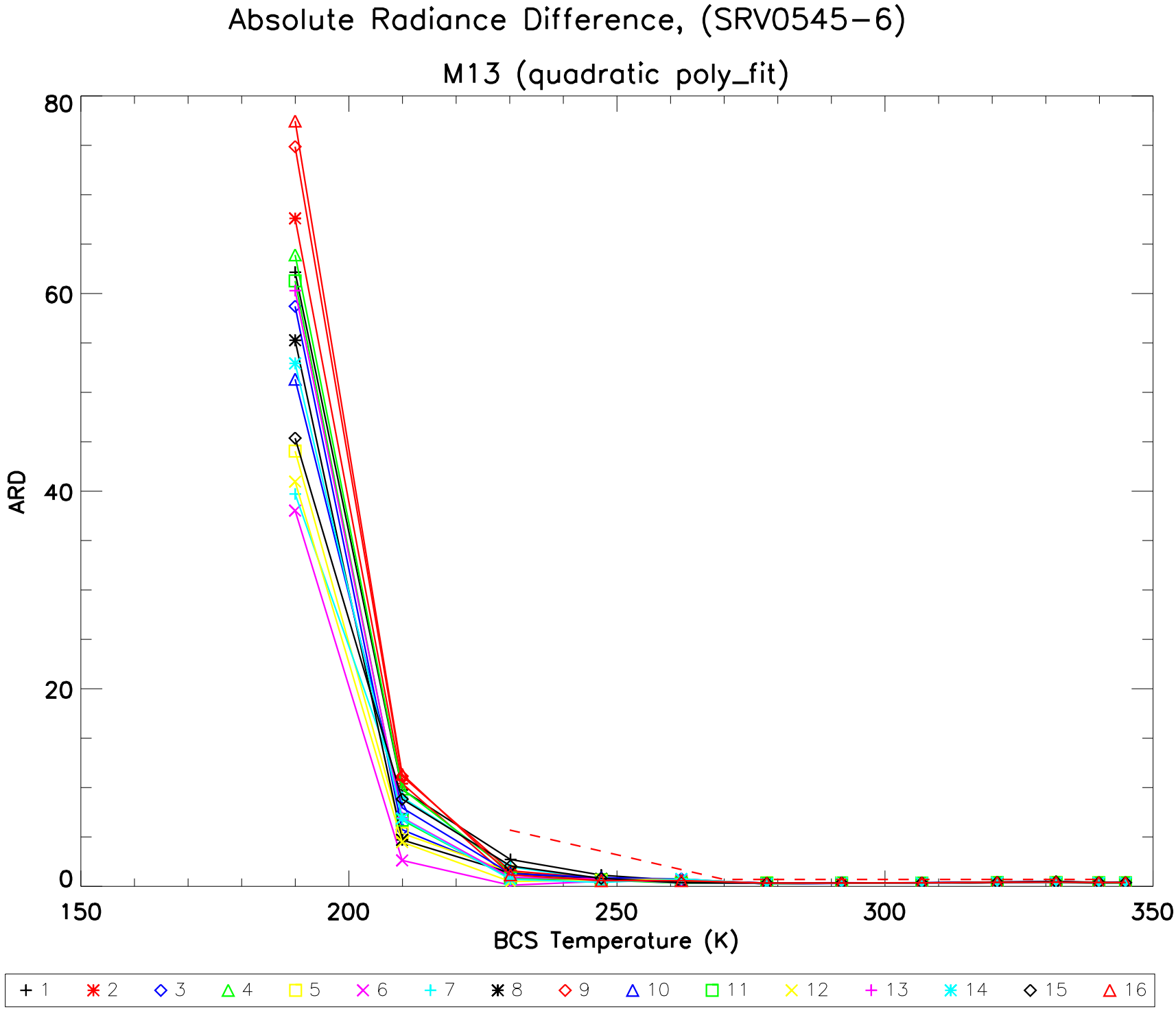

Absolute Radiance Difference, (SRV0545-6)
I4 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

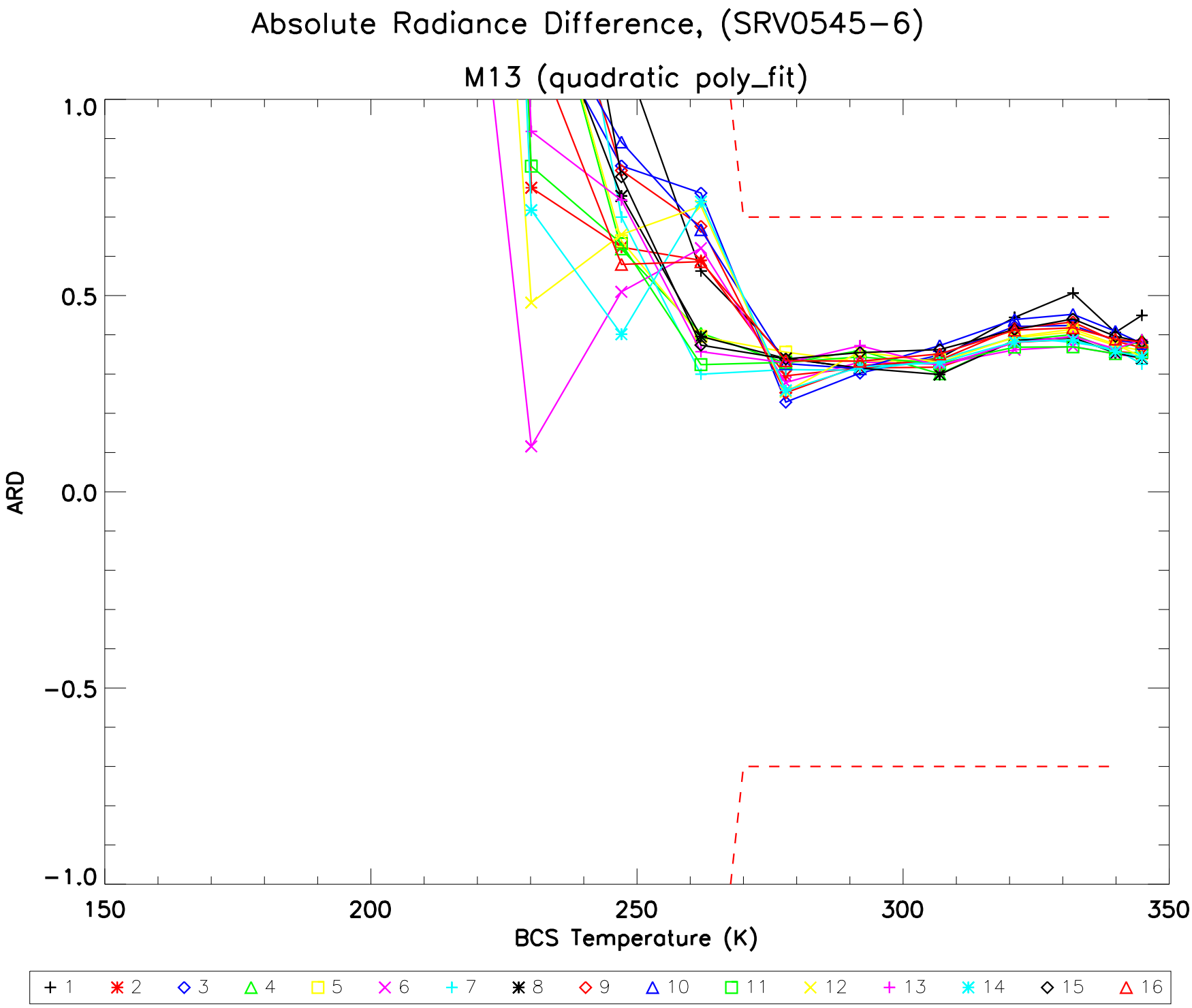

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

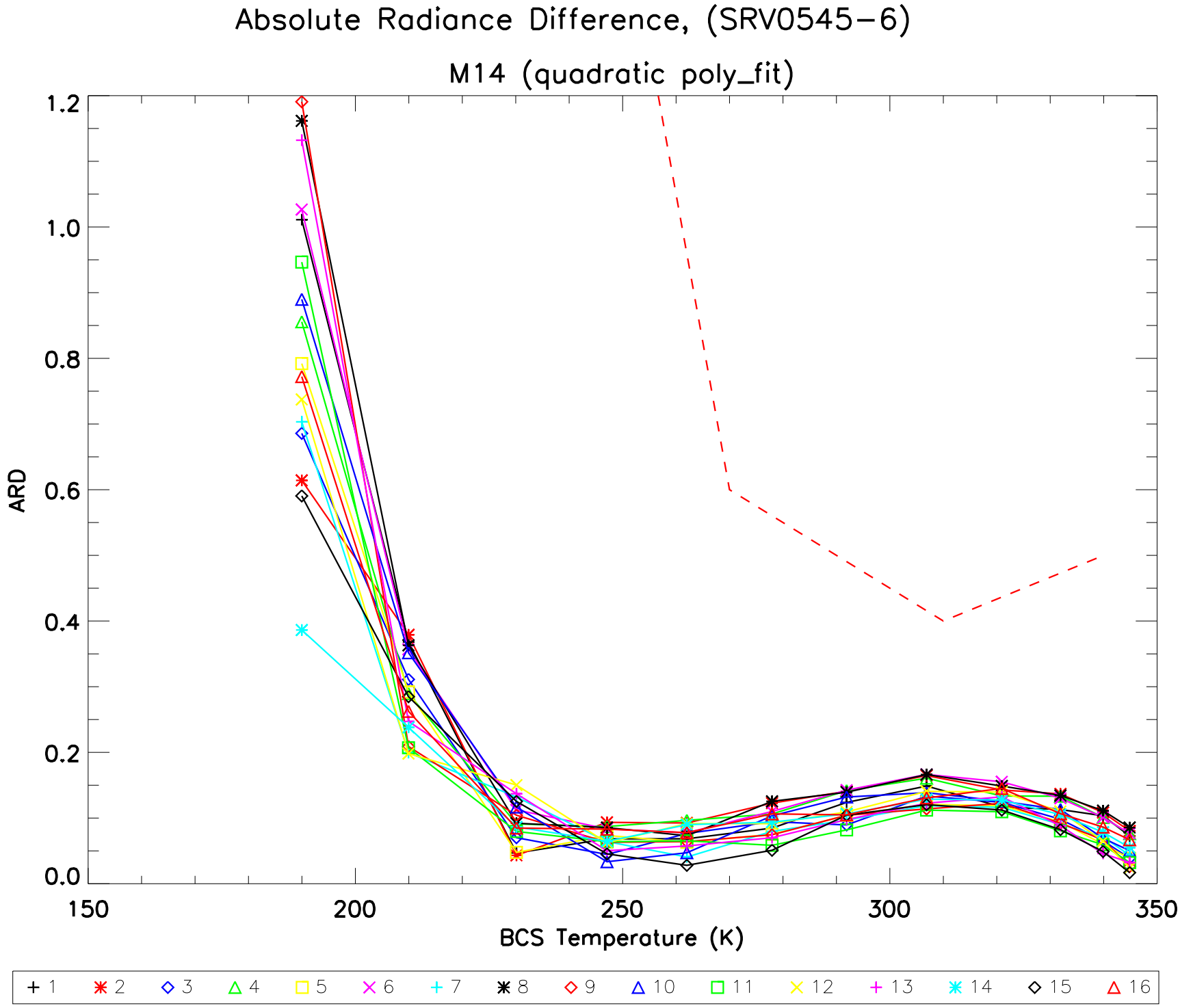

Absolute Radiance Difference, (SRV0545-6)
I5 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

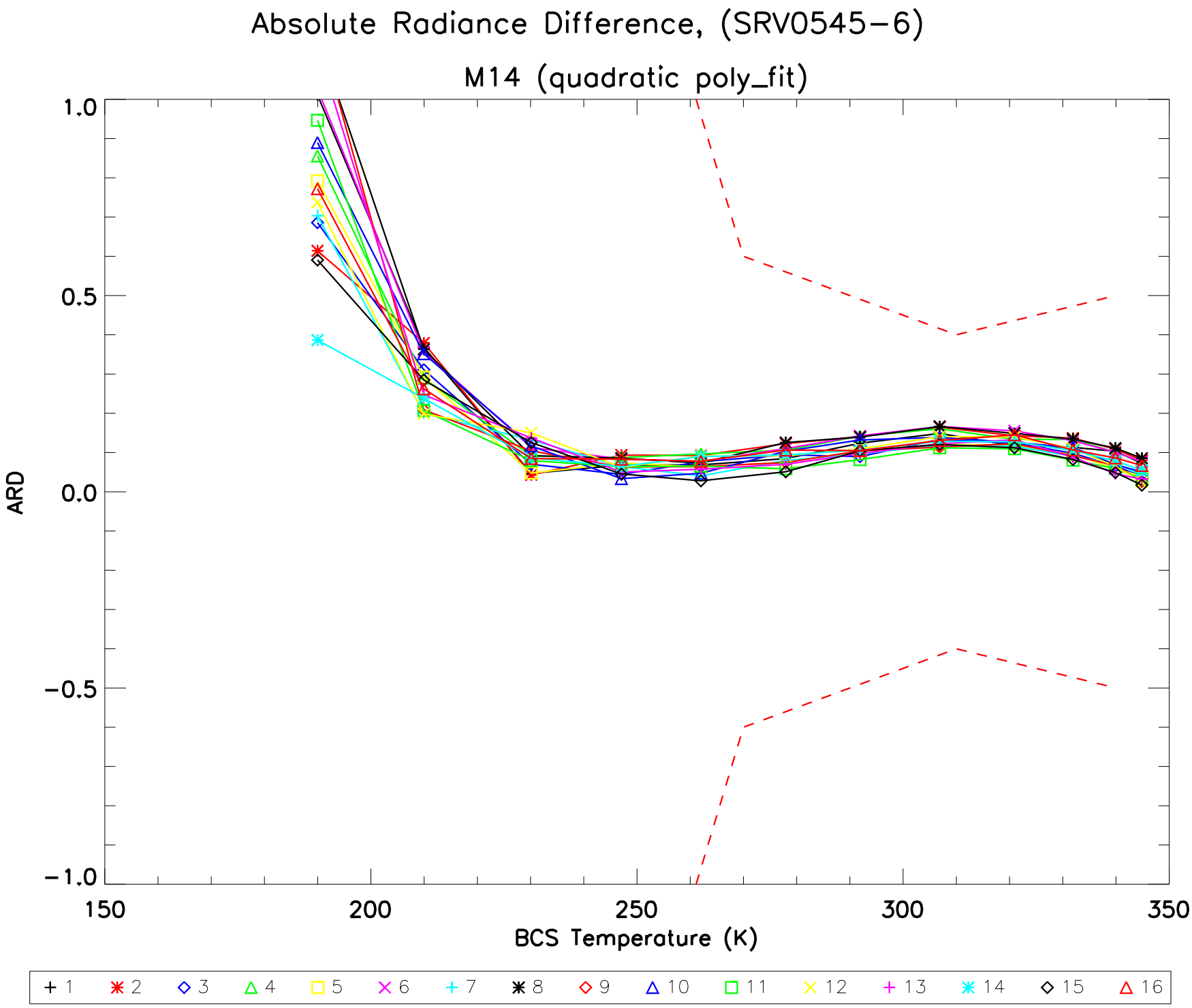

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
100
80
60
40
20
0
-20
-40
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

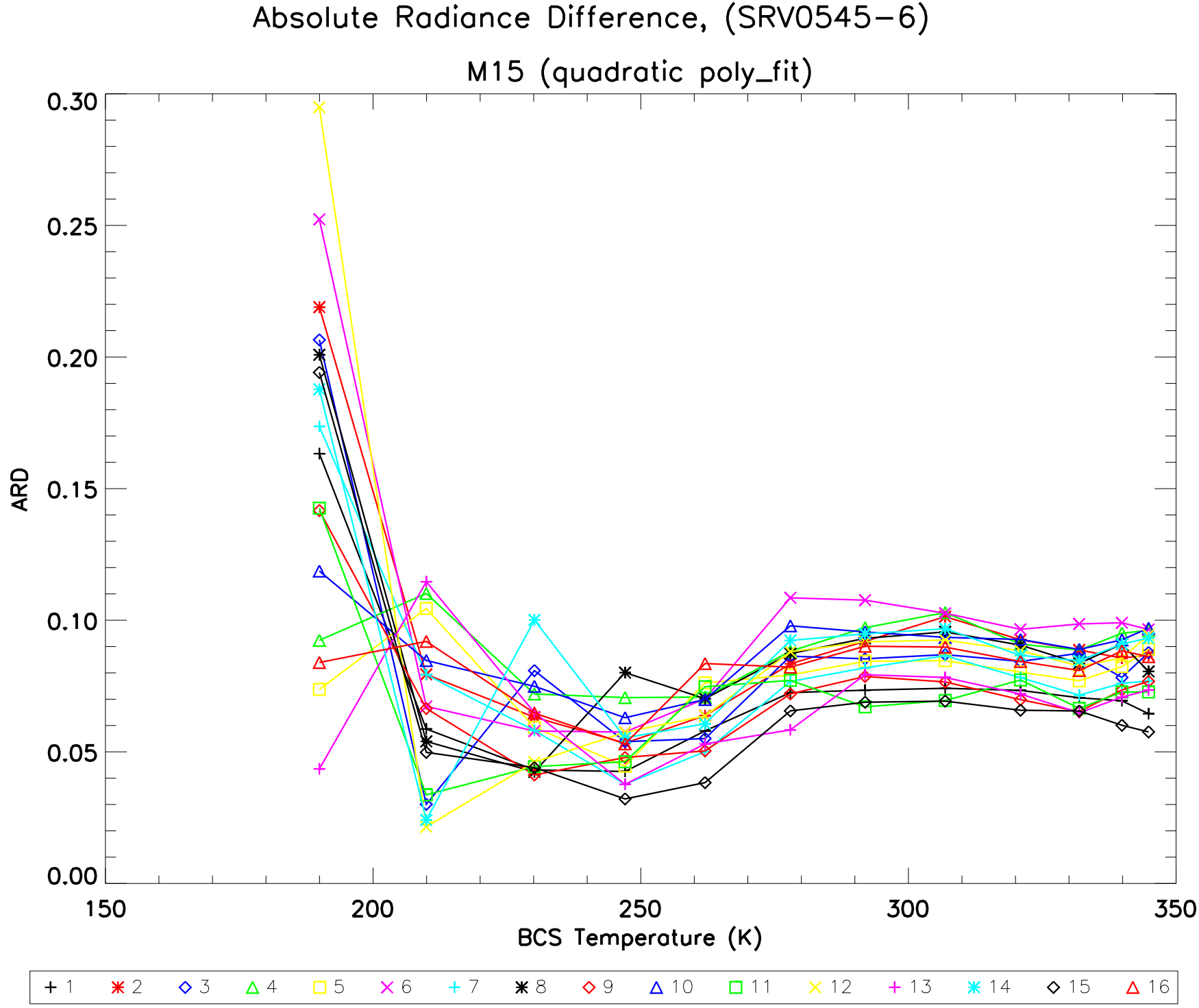

Absolute Radiance Difference, (SRV0545-6)
M12 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

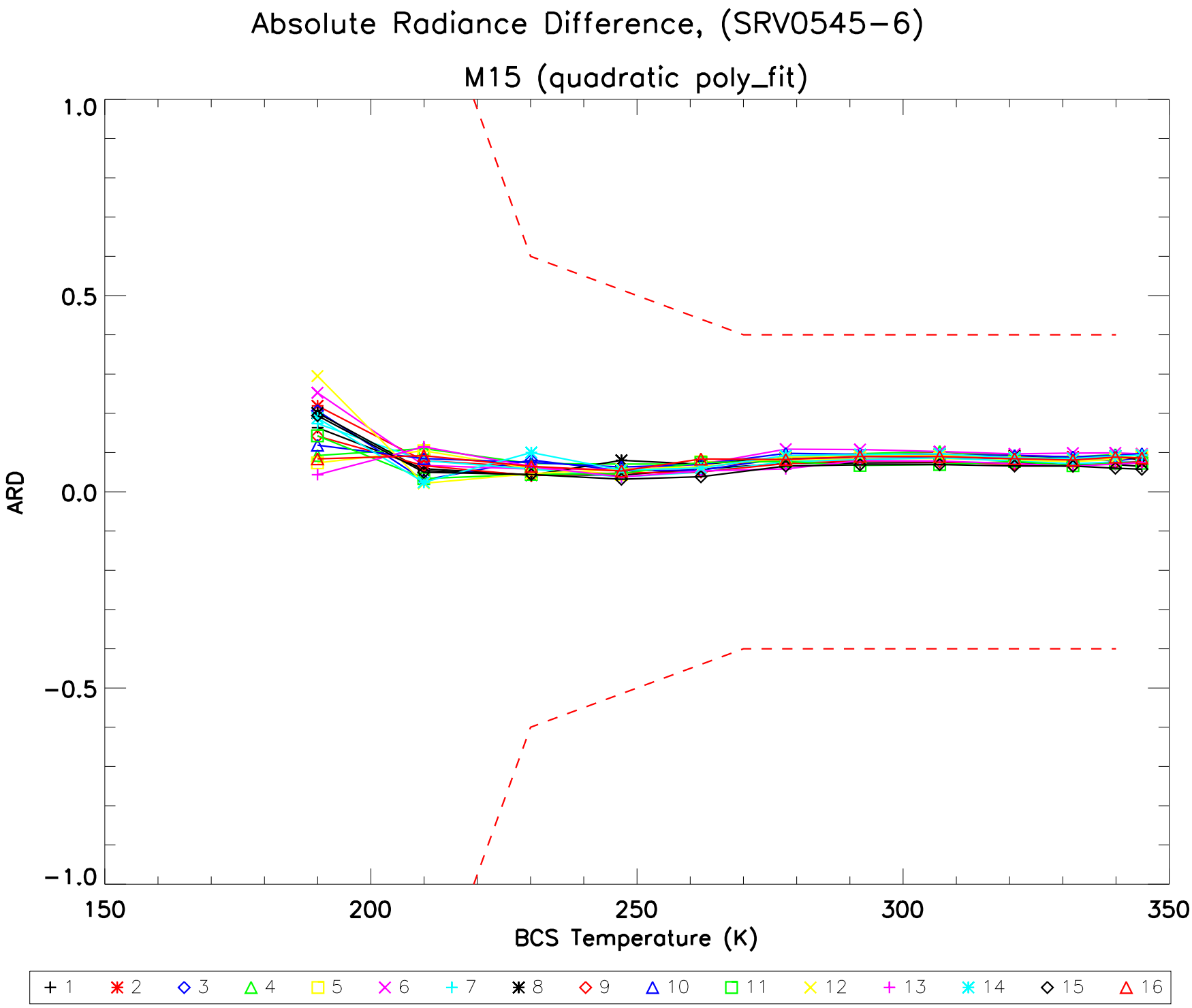

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
80
60
40
20
0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

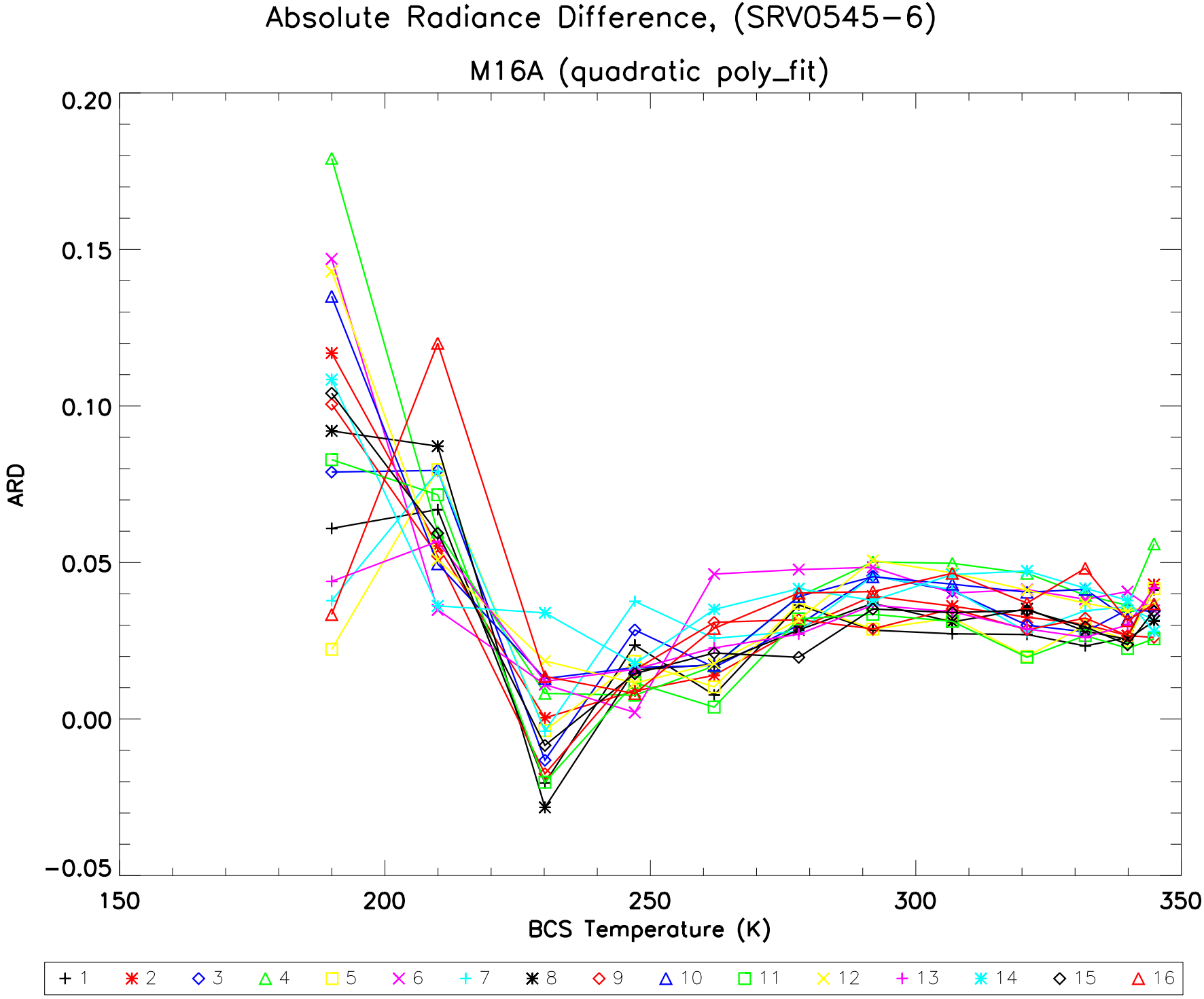

Absolute Radiance Difference, (SRV0545-6)
M13 (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

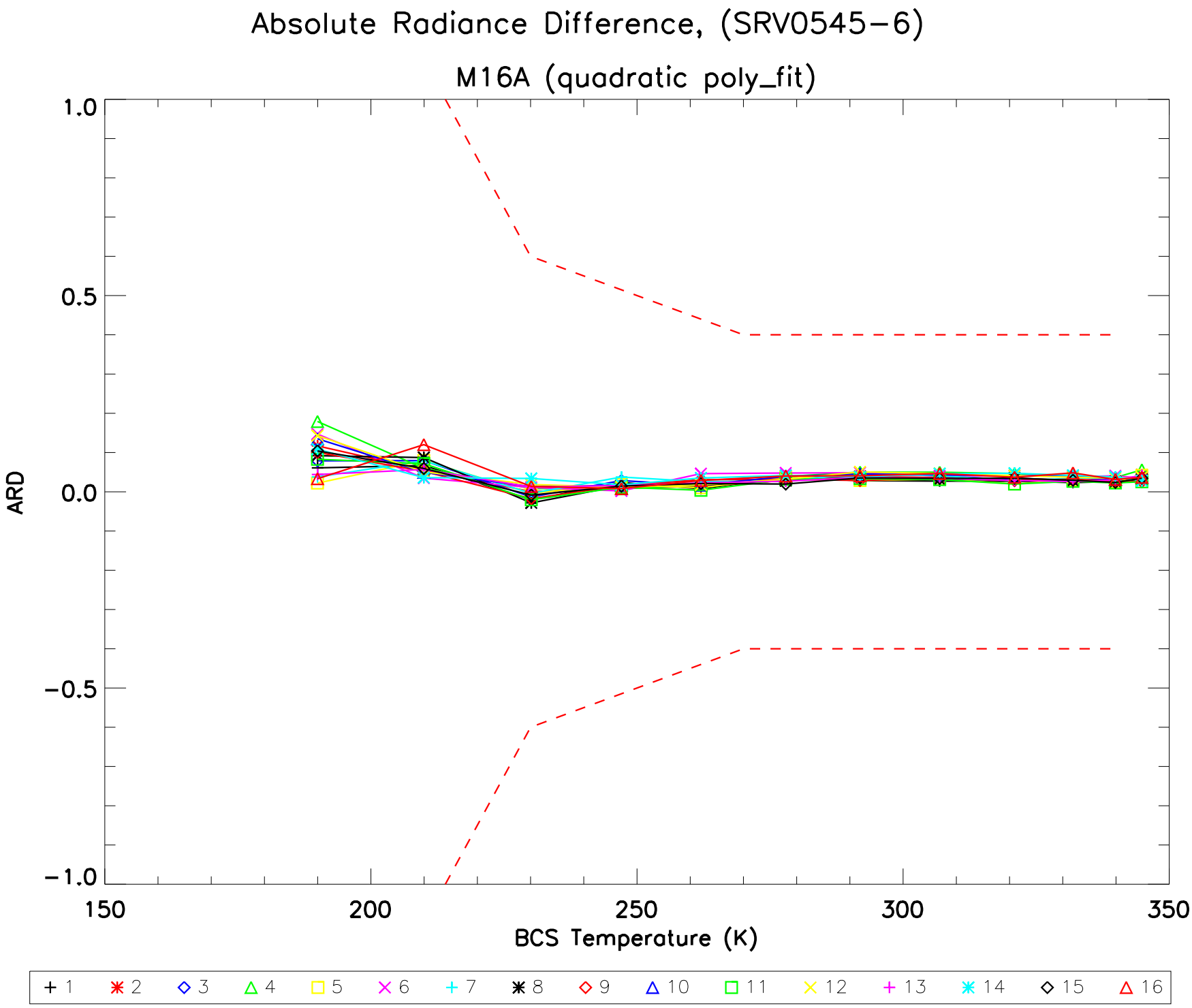

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
1.2
1.0
0.8
0.6
0.4
0.2
0.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

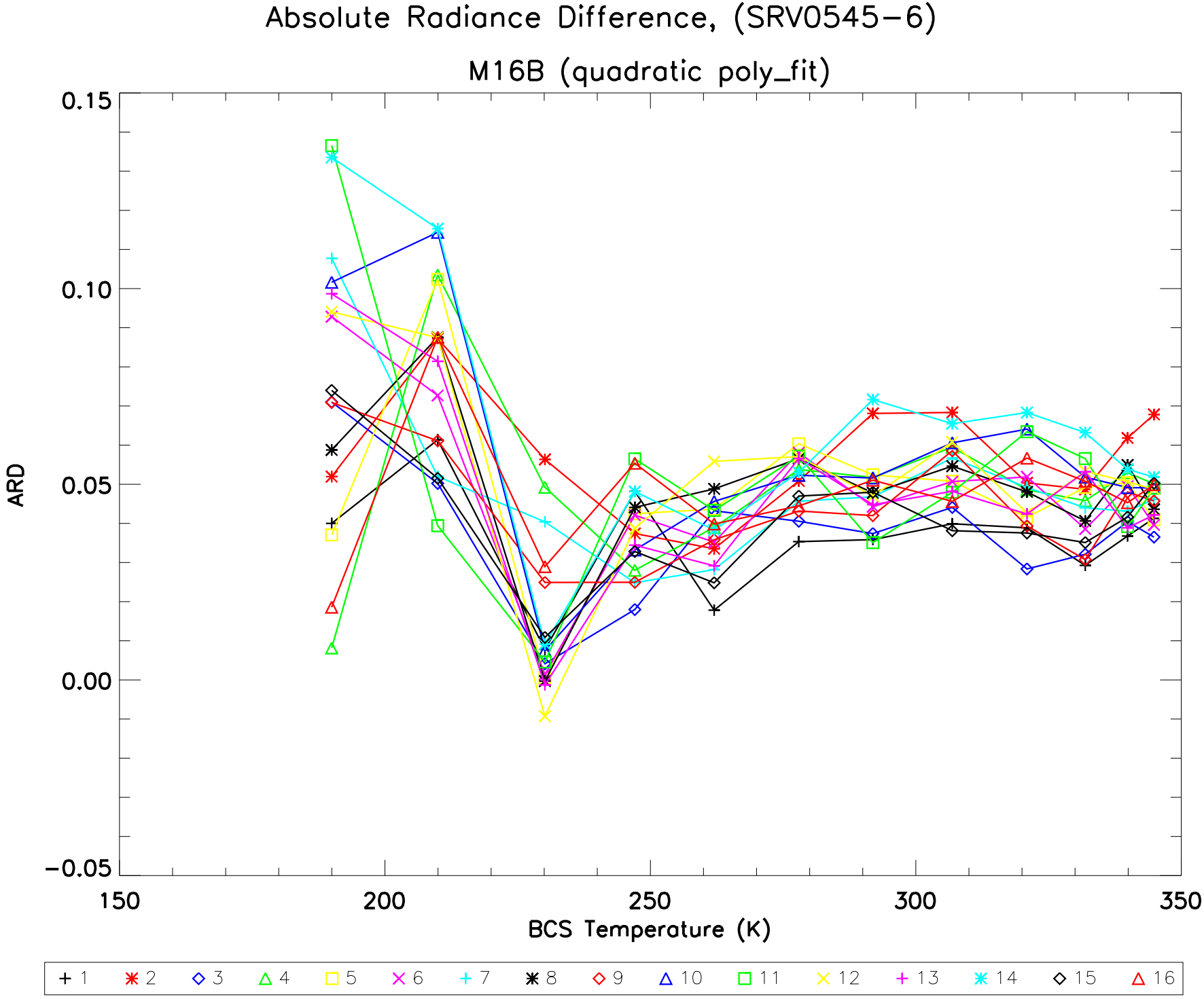

Absolute Radiance Difference, (SRV0545-6)
M14 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

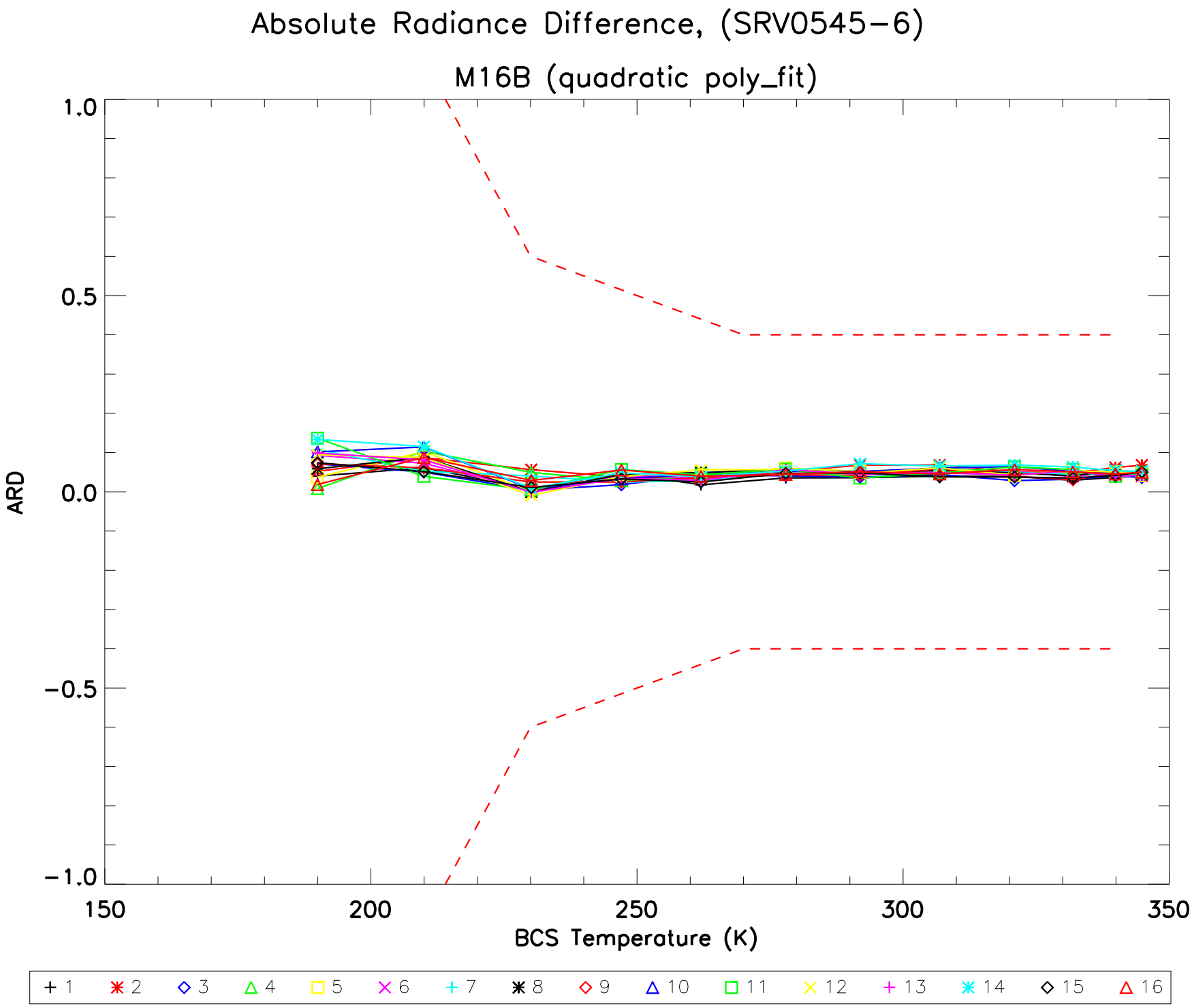

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
0.30
0.25
0.20
0.15
0.10
0.05
0.00
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

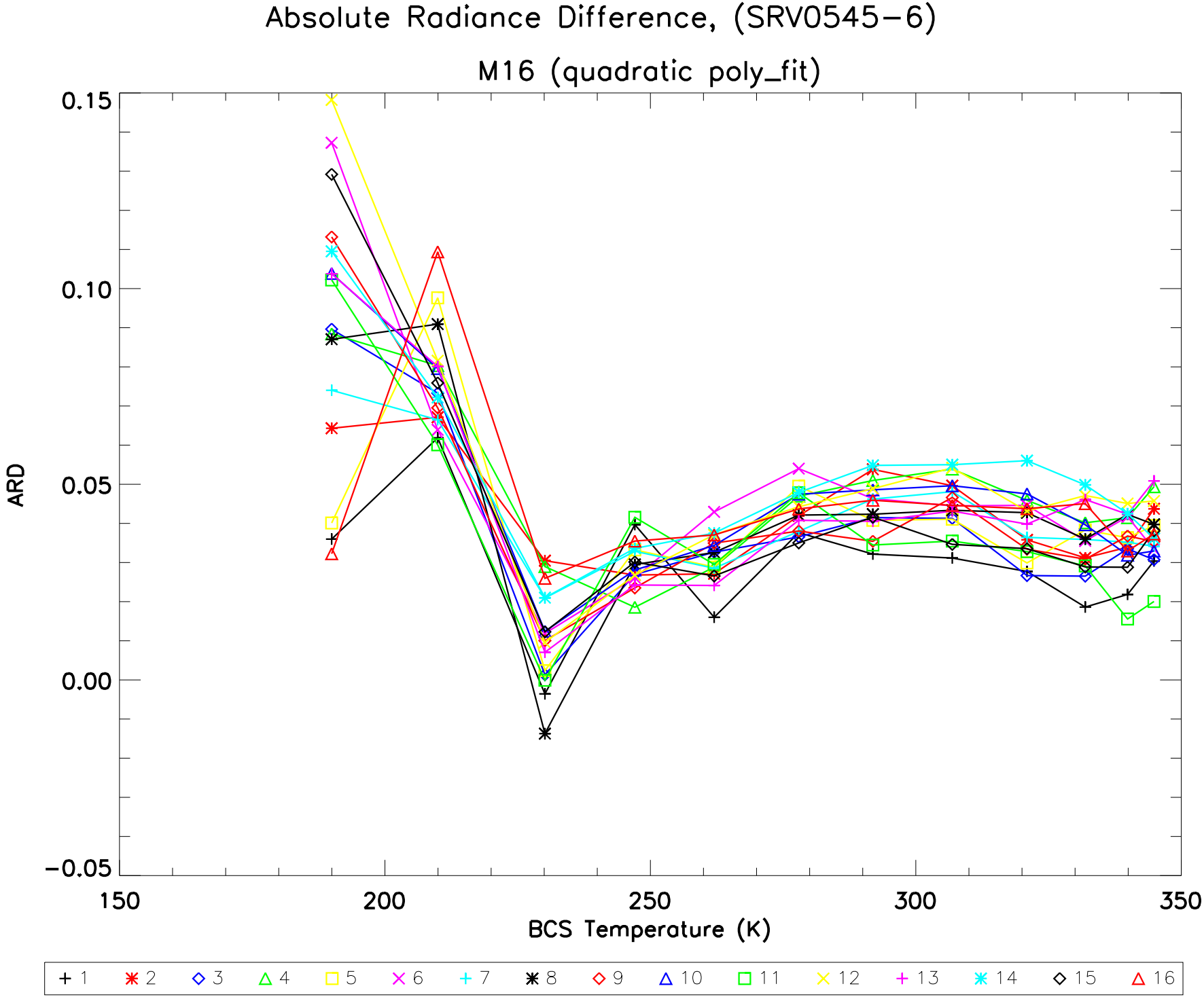

Absolute Radiance Difference, (SRV0545-6)
M15 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

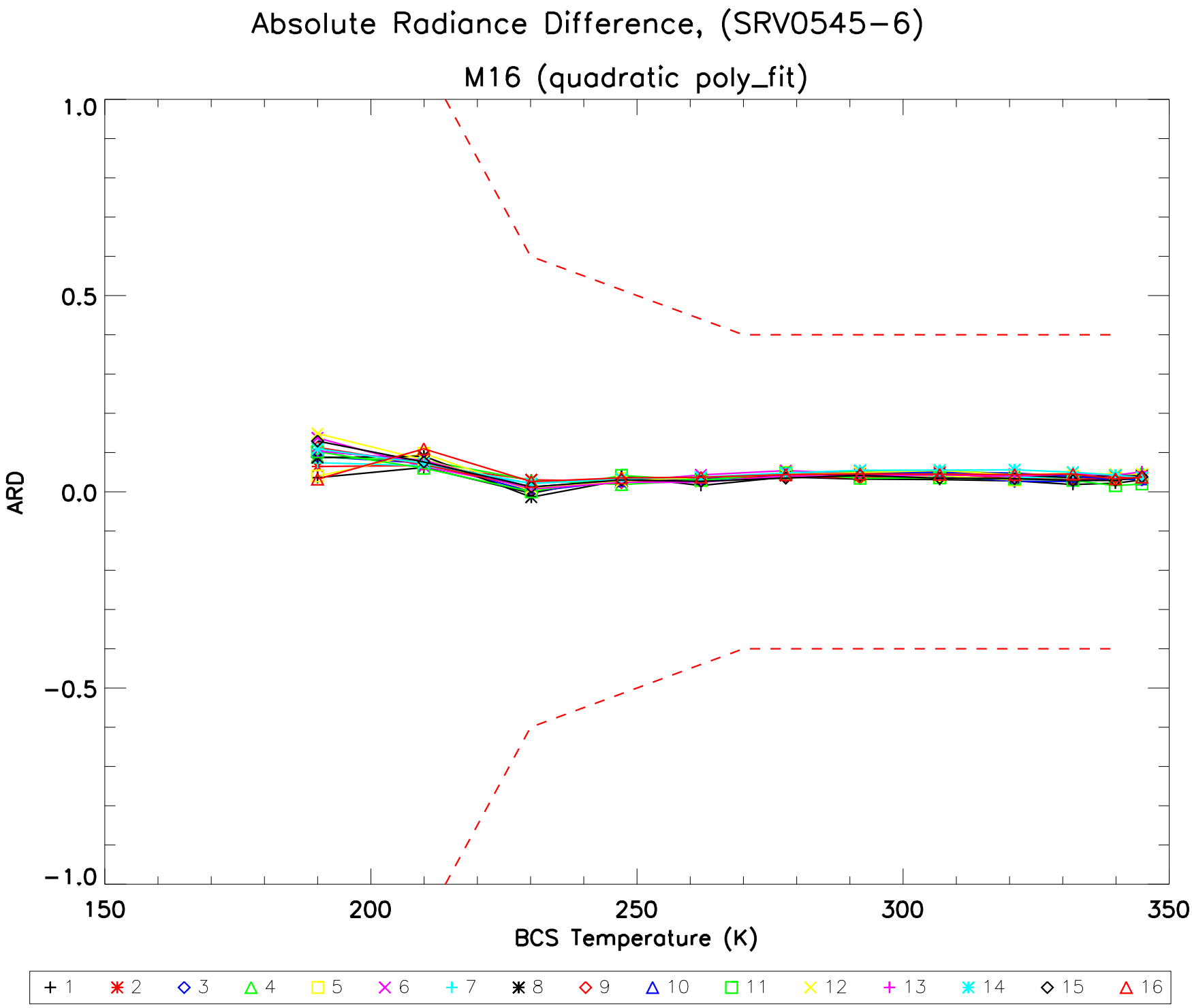

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
0.20
0.15
0.10
0.05
0.00
-0.05
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

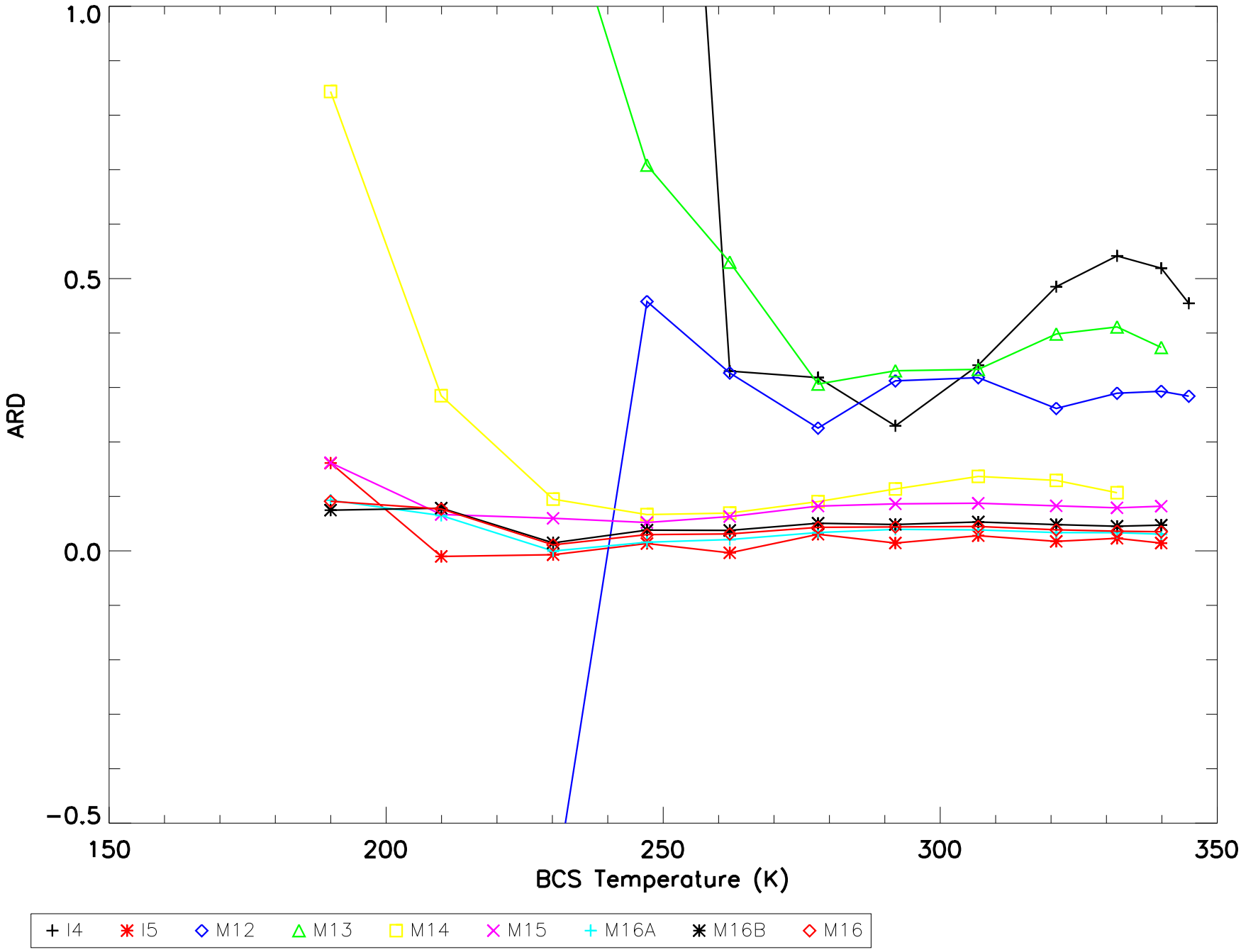

Absolute Radiance Difference, (SRV0545-6)
M16A (quadratic poly_fit)
ARD
1.0
0.5
0.0
−0.5
−1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

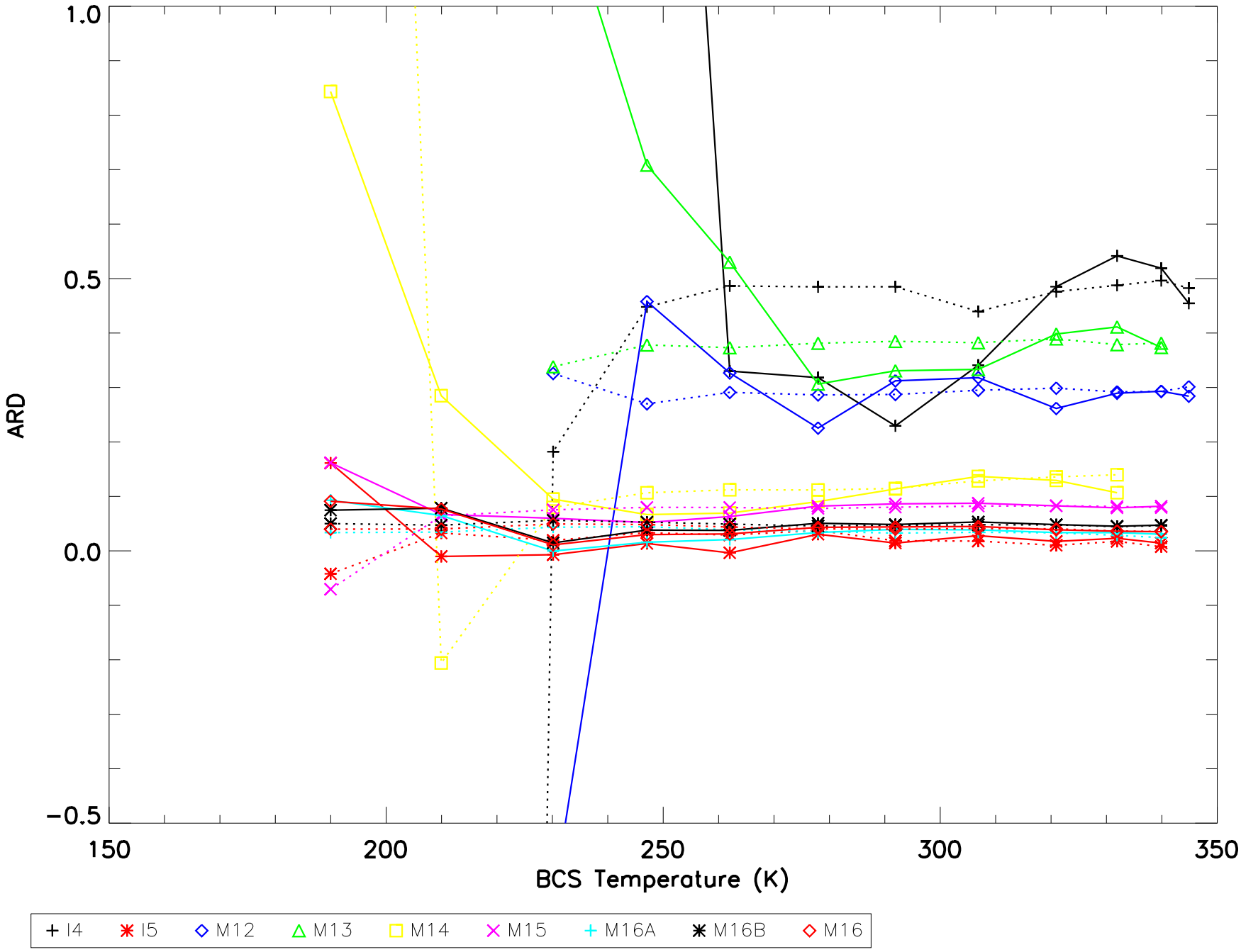

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
0.15
0.10
0.05
0.00
-0.05
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

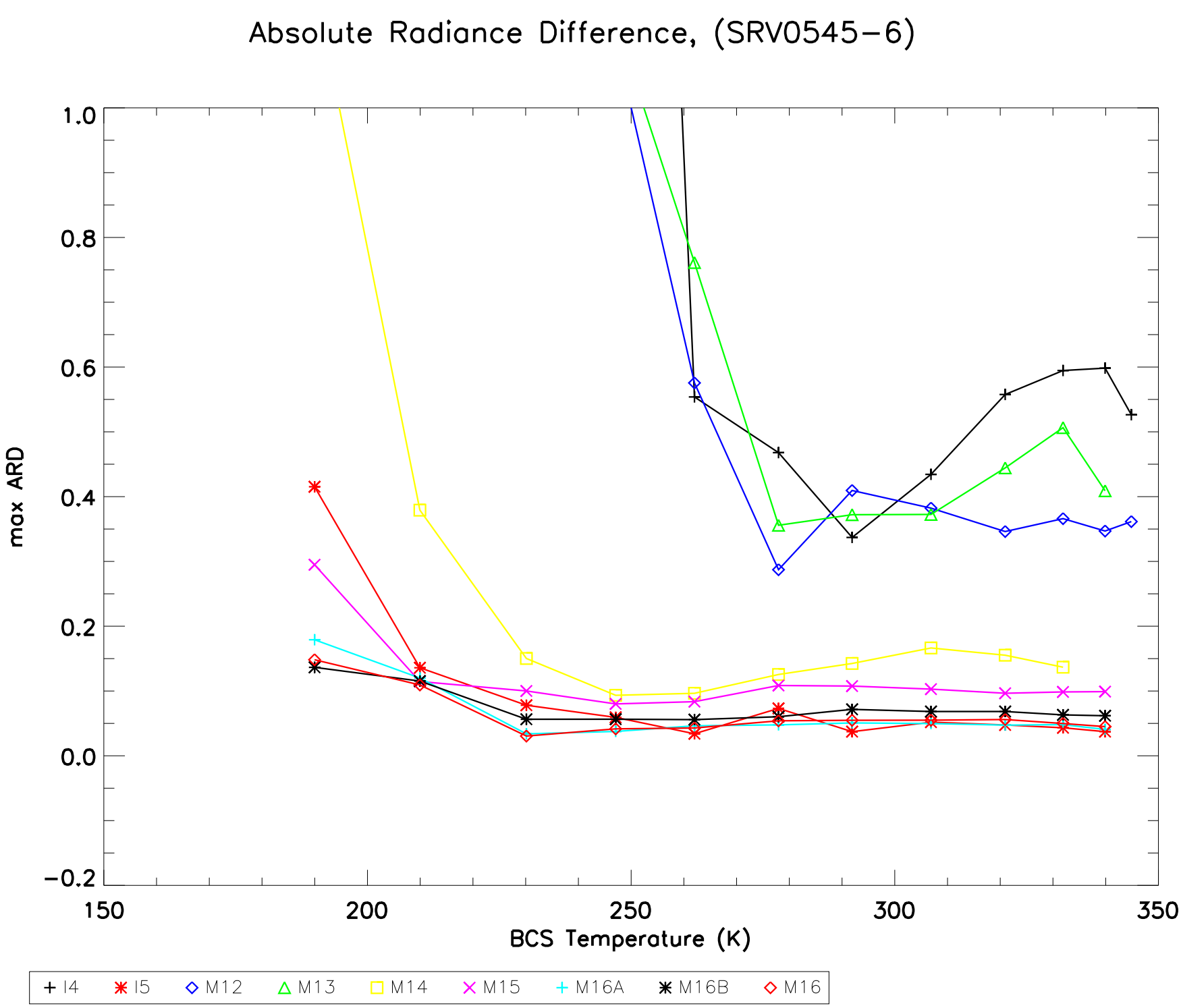

Absolute Radiance Difference, (SRV0545-6)
M16B (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
0.15
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

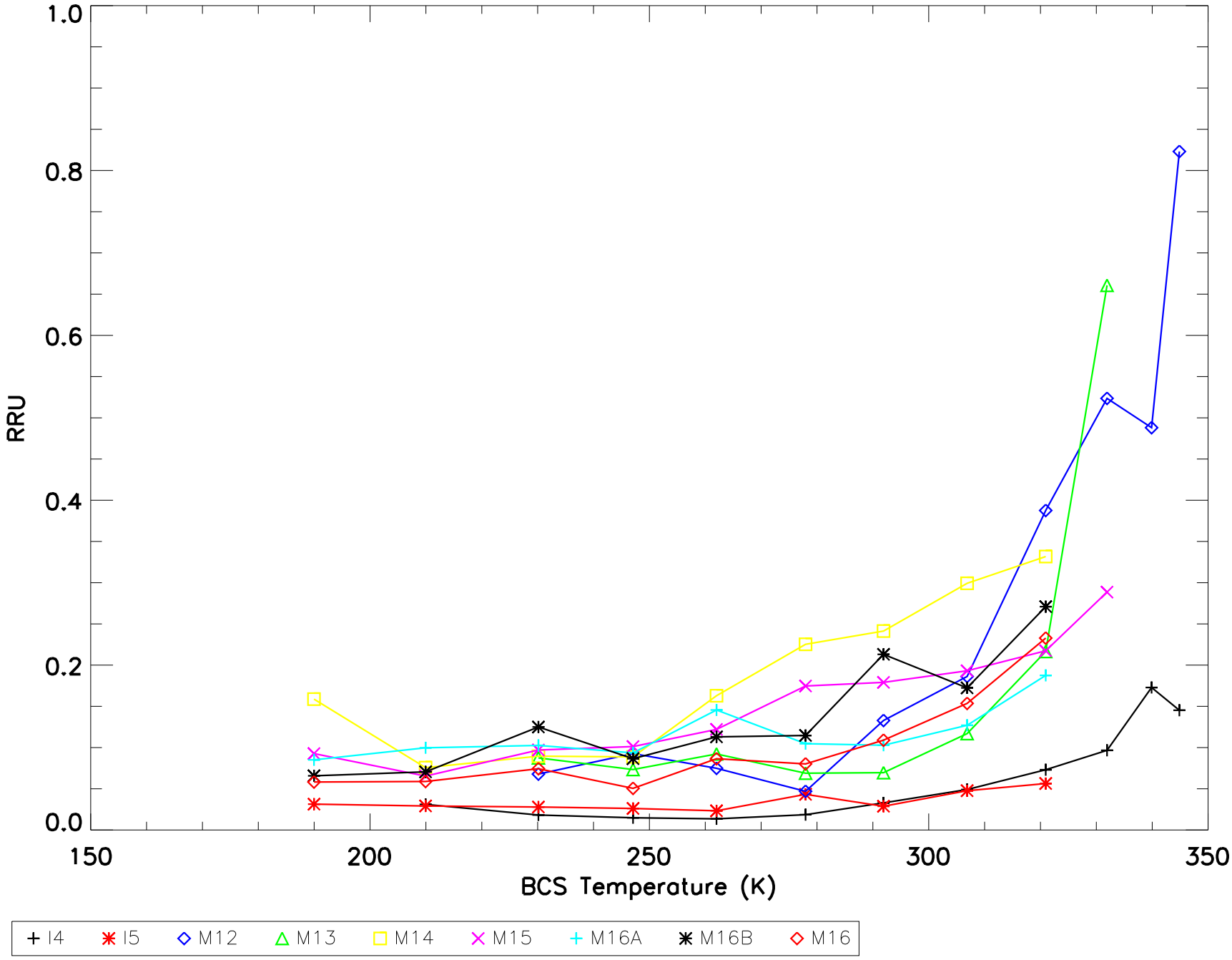

Absolute Radiance Difference, (SRV0545-6)
M16 (quadratic poly_fit)
ARD
1.0
0.5
0.0
-0.5
-1.0
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

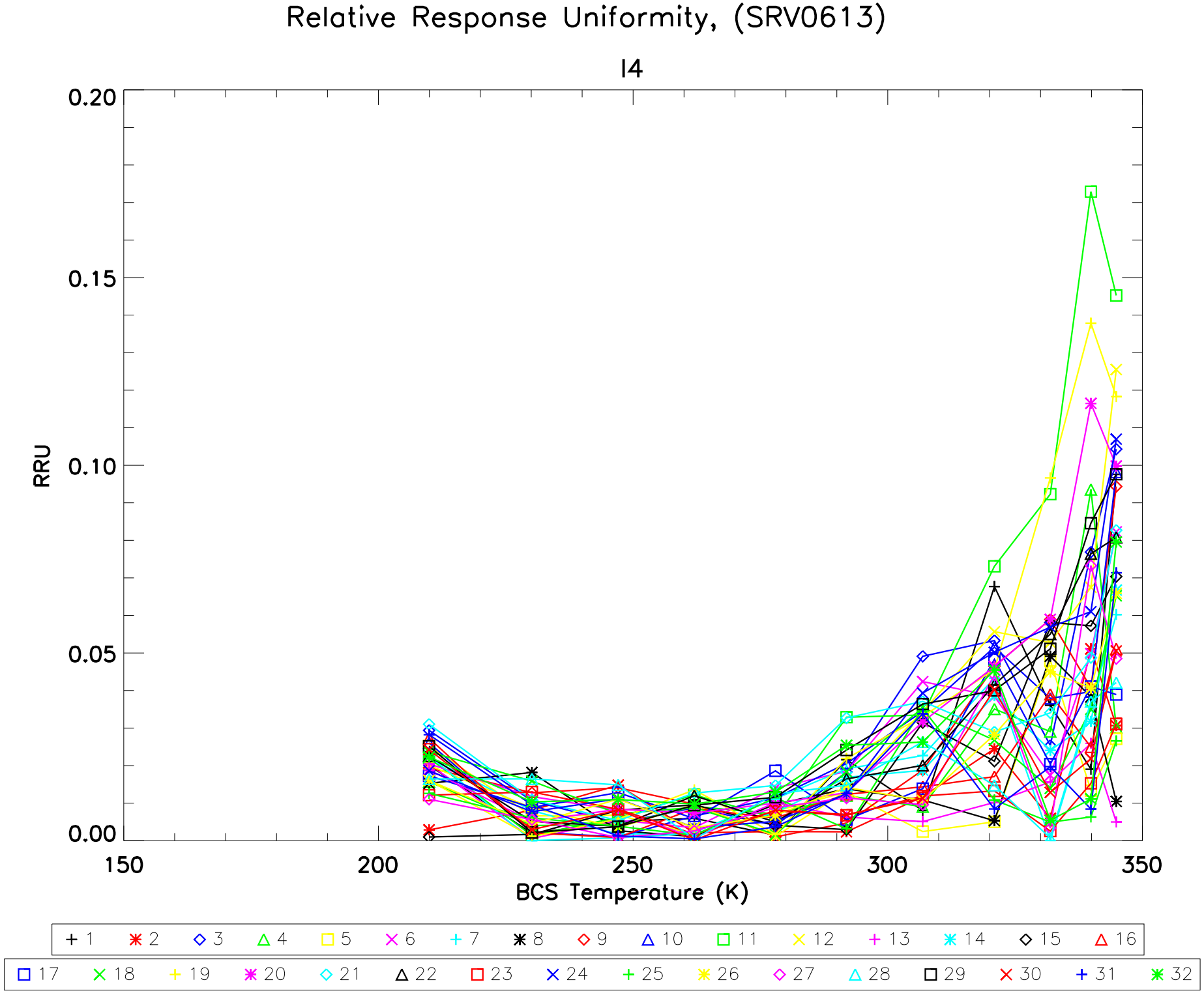

Absolute Radiance Difference, (SRV0545-6)
1.0
0.5
0.0
-0.5
ARD
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

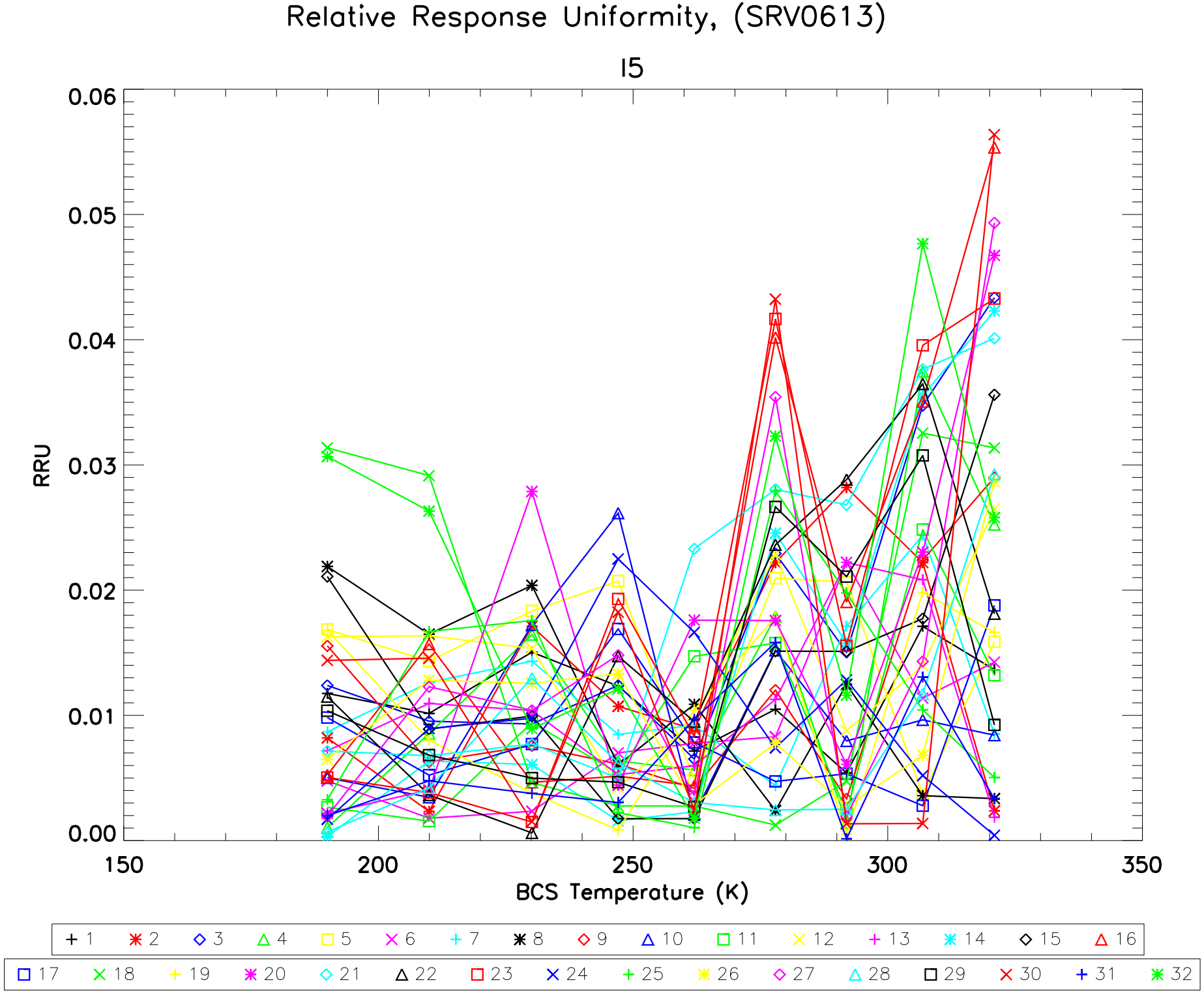

Absolute Radiance Difference, (SRV0545-6)
1.0
0.5
0.0
-0.5
ARD
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

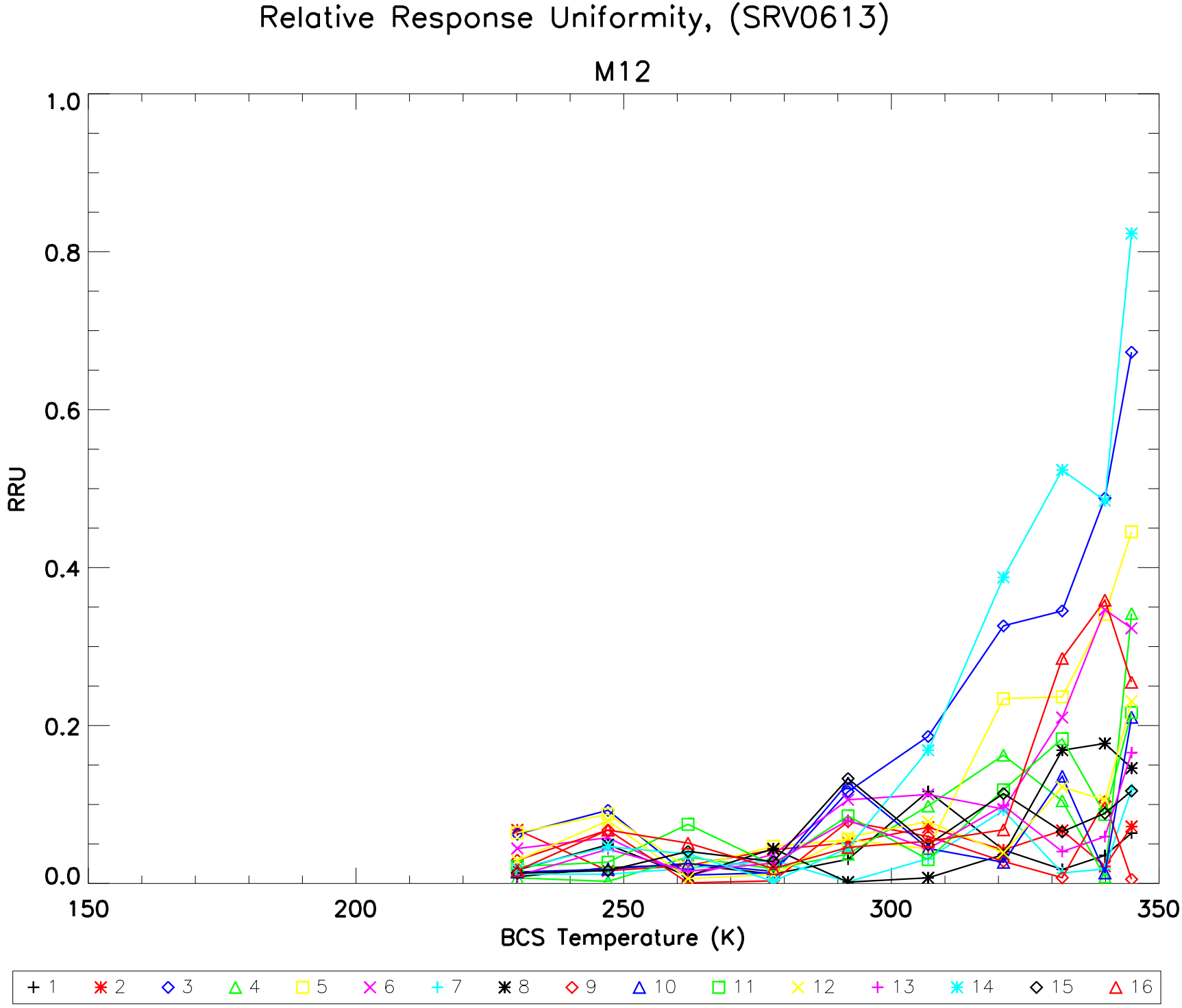

Absolute Radiance Difference, (SRV0545-6)
max ARD
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
150
200
250
300
350
BCS Temperature (K)
I4
I5
M12
M13
M14
M15
M16A
M16B
M16

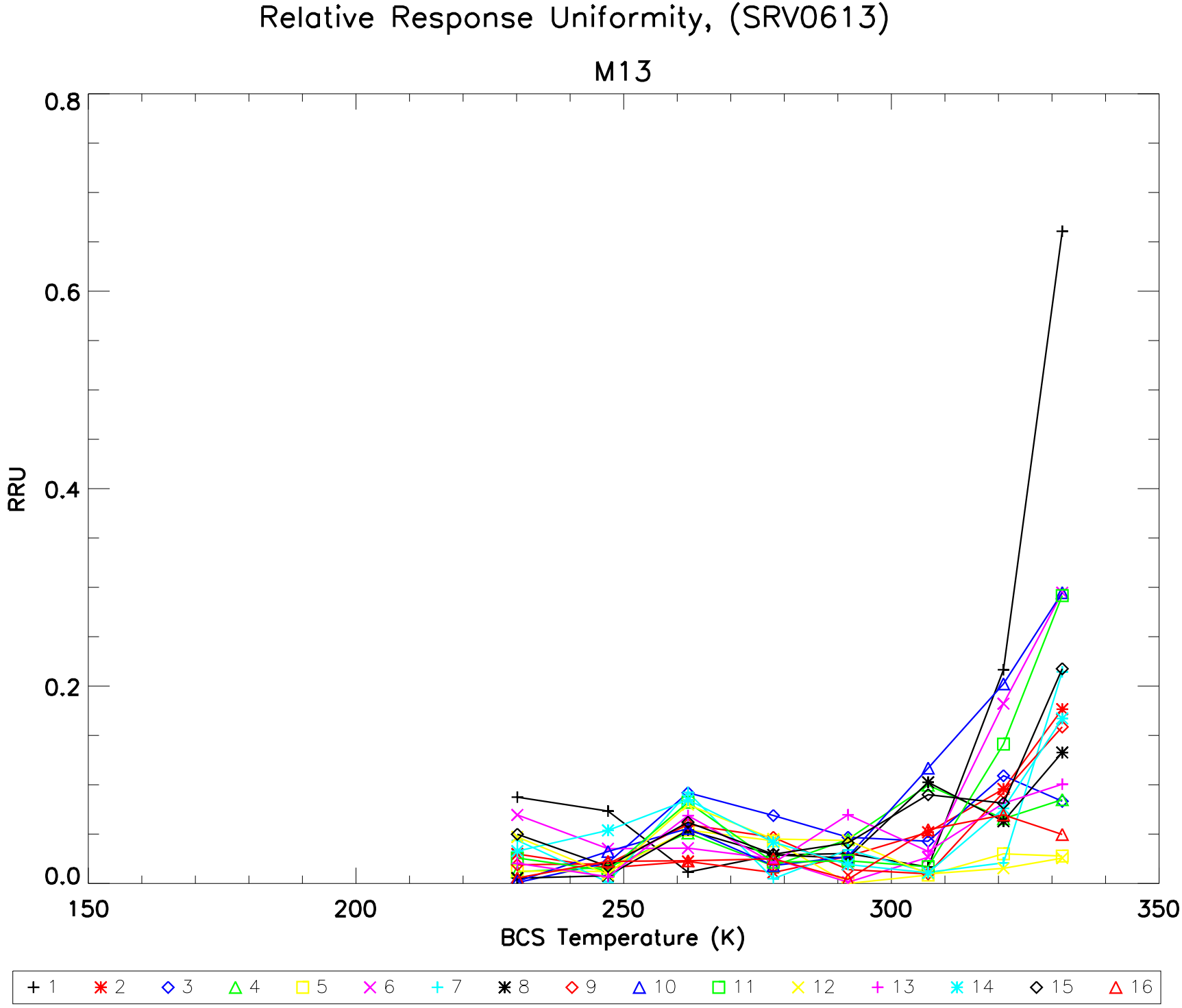
Relative Response Uniformity, (SRV0613)

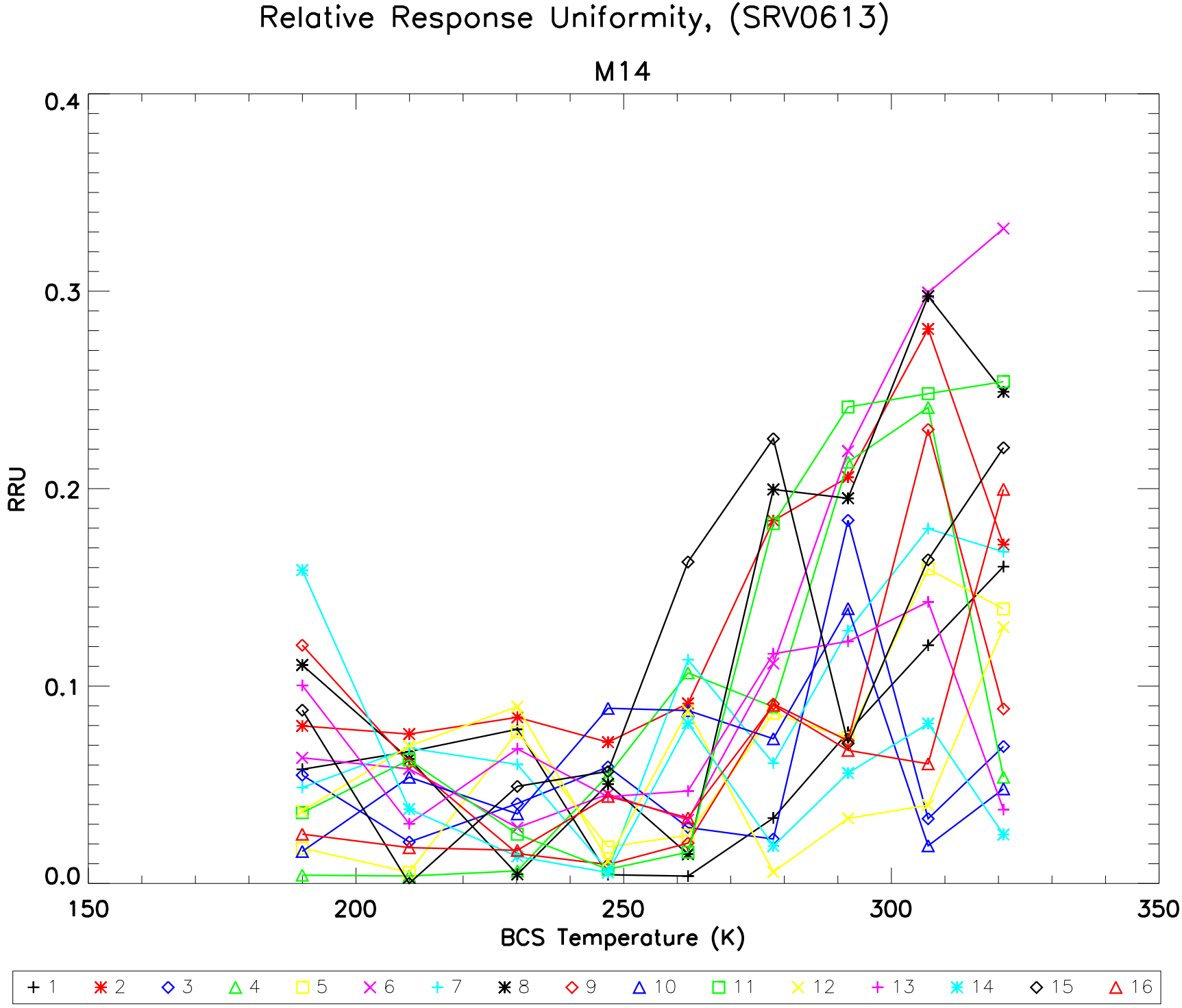


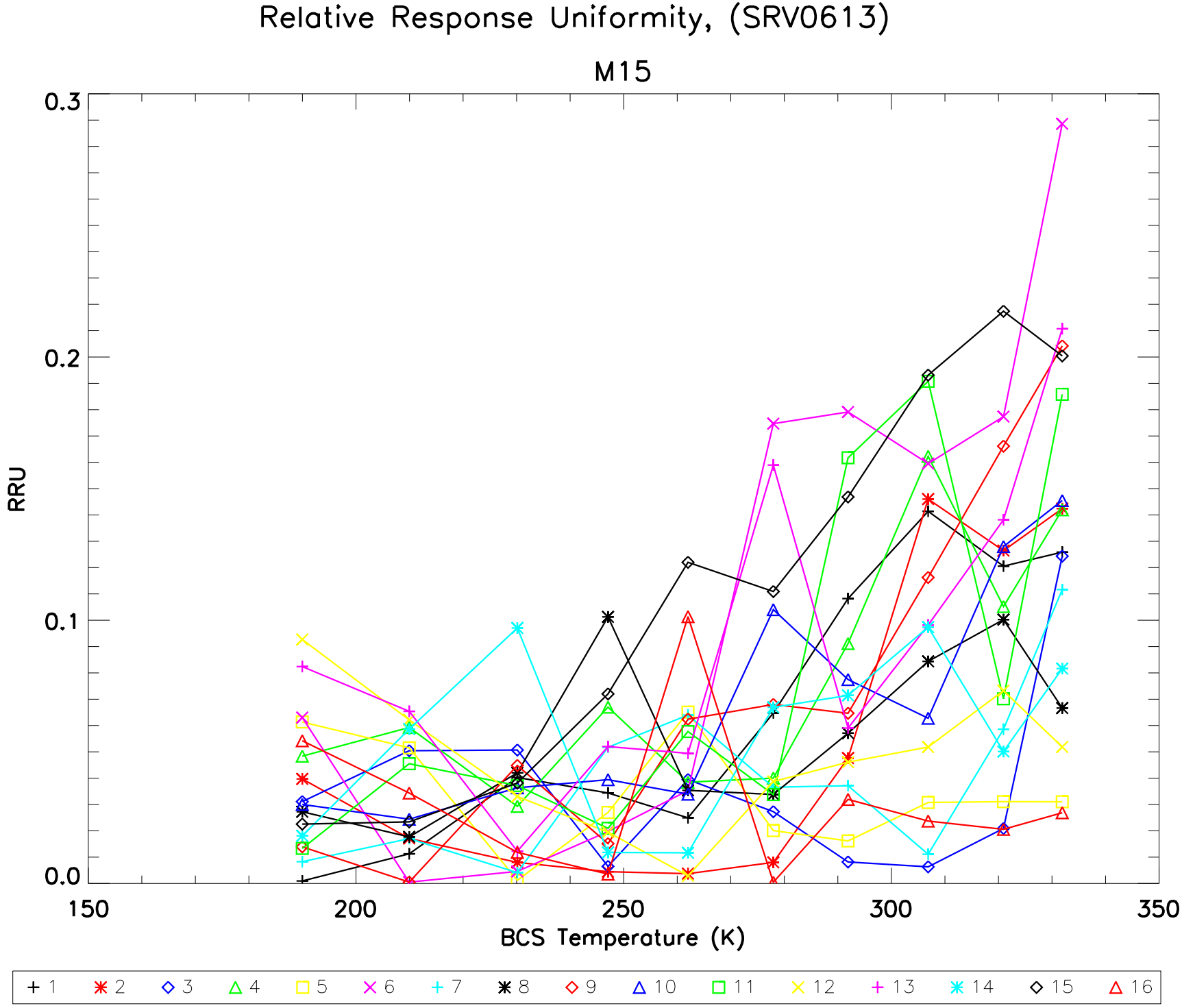

Relative Response Uniformity, (SRV0613)
I4
0.20
0.15
0.10
0.05
0.00
RRU
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

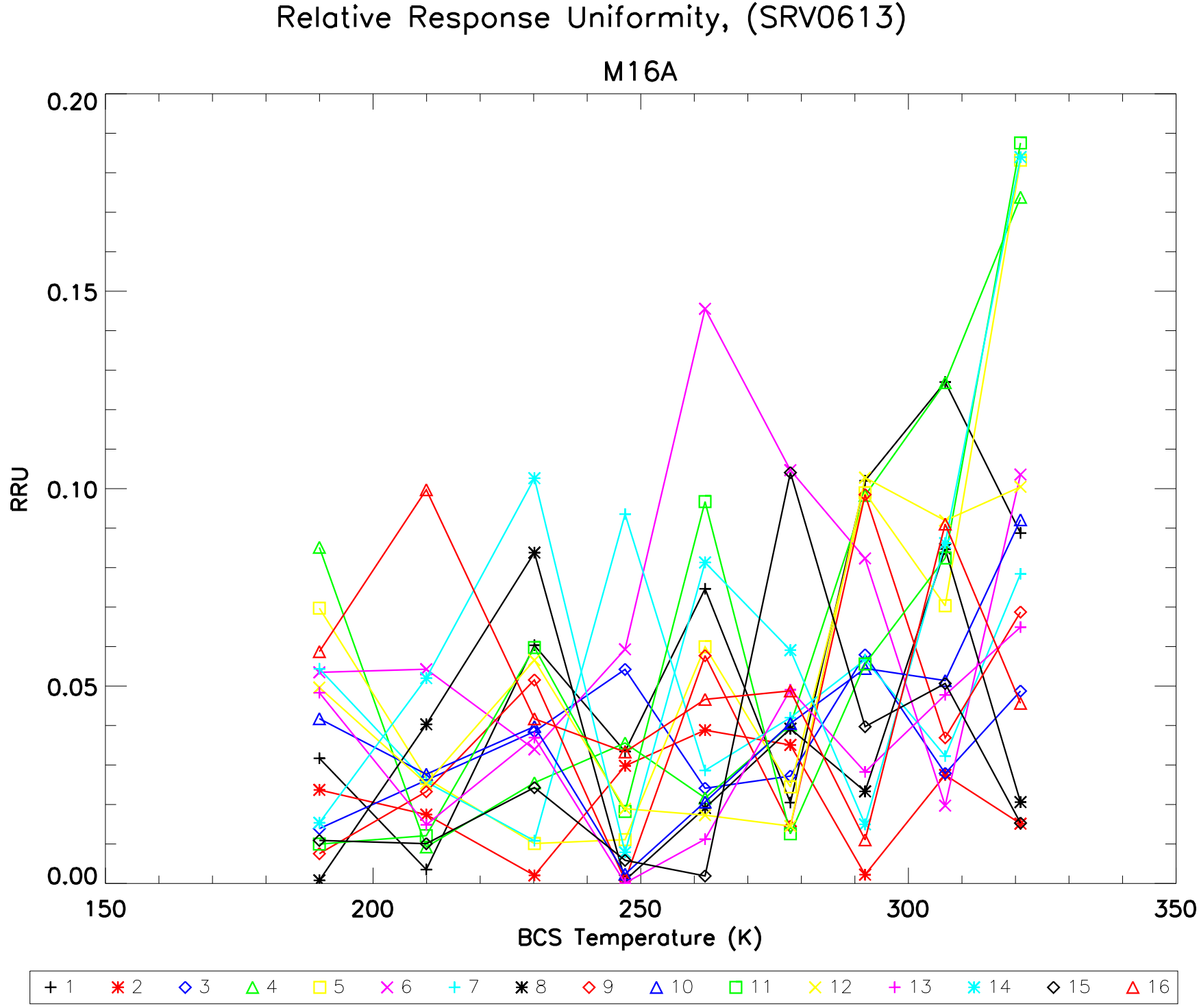

Relative Response Uniformity, (SRV0613)
I5
RRU
0.06
0.05
0.04
0.03
0.02
0.01
0.00
150
200
250
300
350
BCS Temperature (K)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

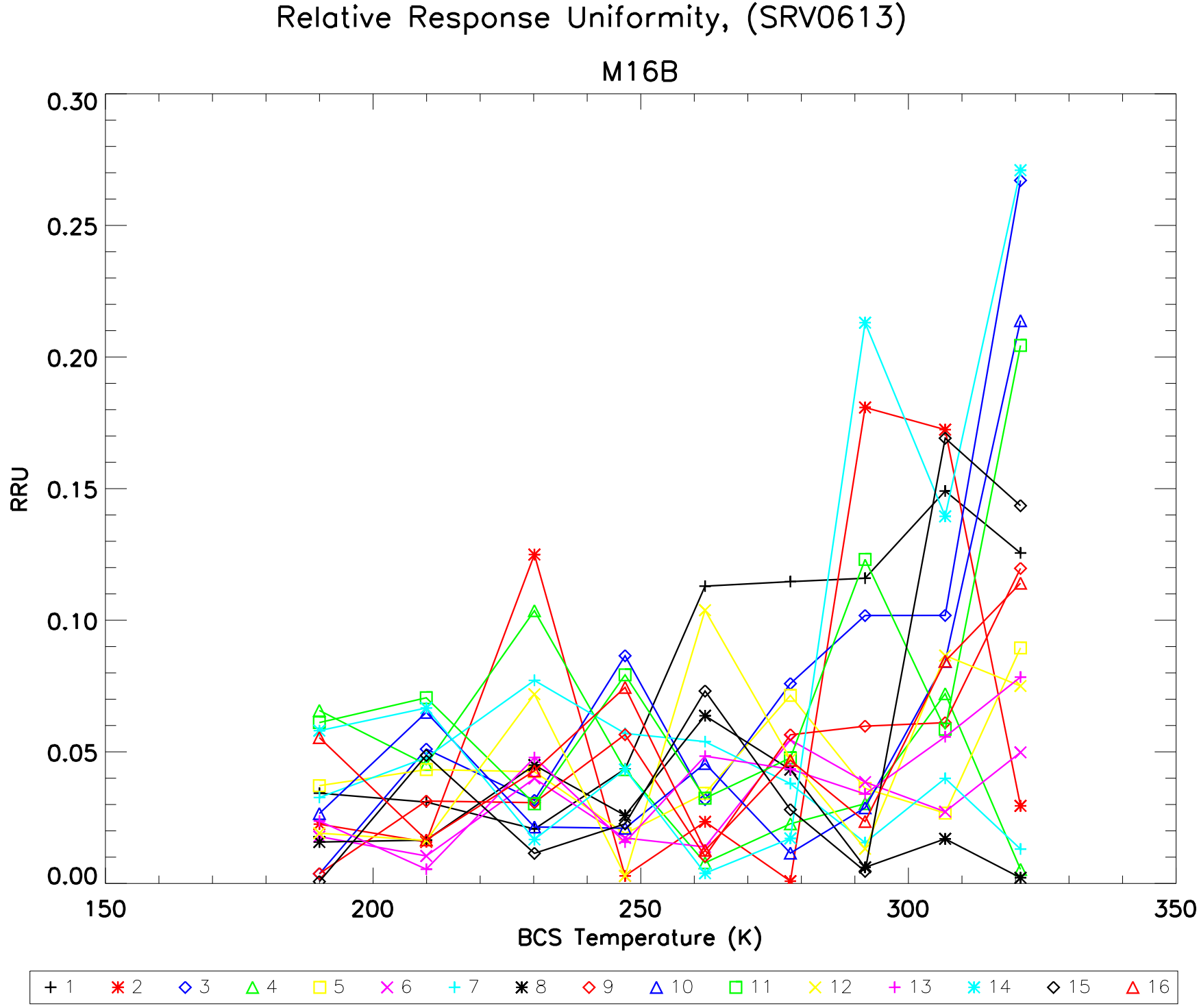

Relative Response Uniformity, (SRV0613)
M12
1.0
0.8
0.6
0.4
0.2
0.0
RRU
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

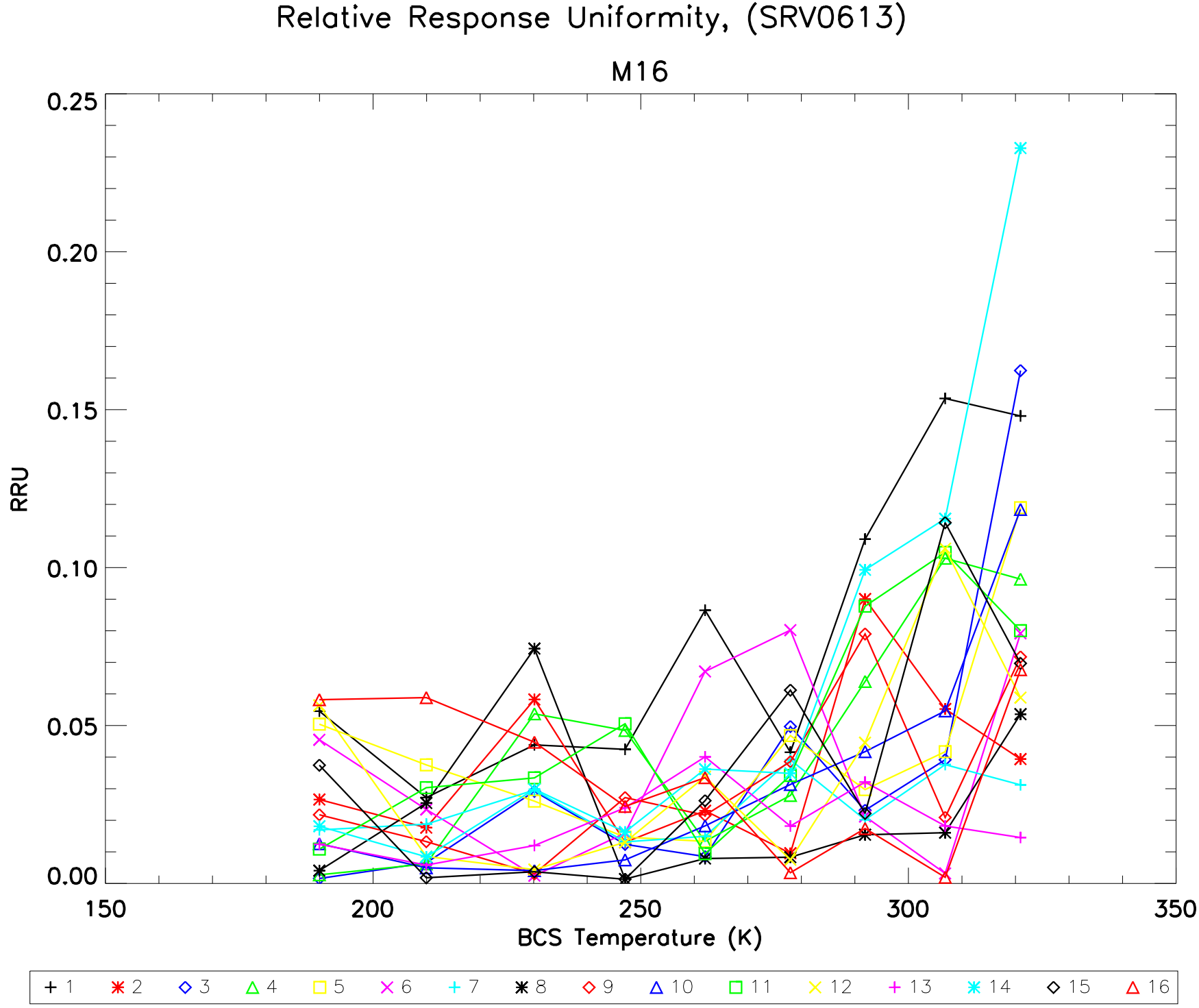

Relative Response Uniformity, (SRV0613)
M13
RRU
0.0
0.2
0.4
0.6
0.8
150
200
250
300
350
BCS Temperature (K)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Relative Response Uniformity, (SRV0613)
M14
RRU
0.0
0.1
0.2
0.3
0.4
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
0.3
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
0.20
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


Relative Response Uniformity, (SRV0613)
M16B
RRU
0.30
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


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