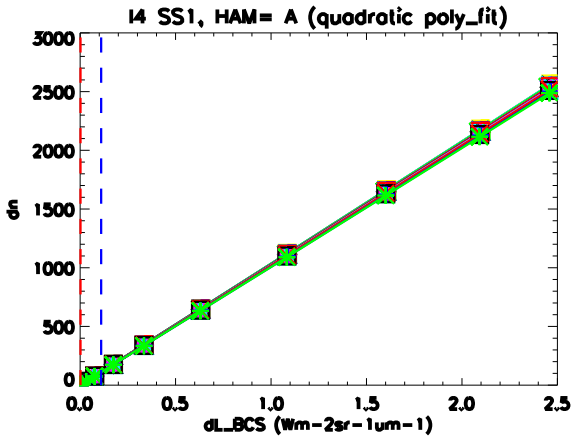
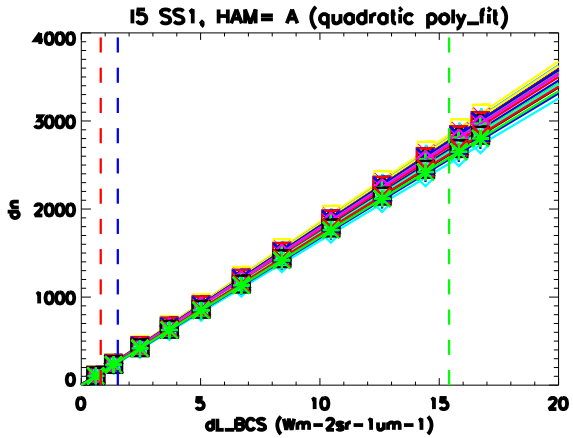
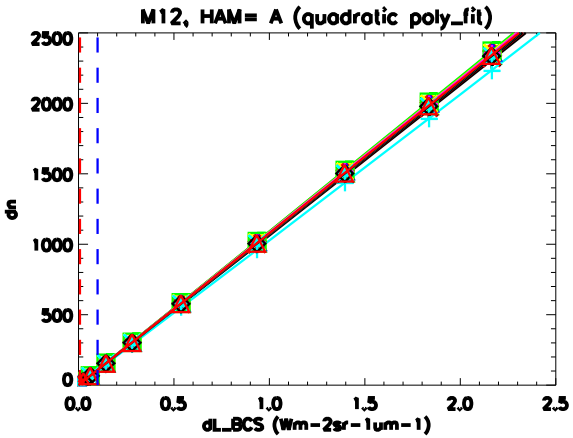
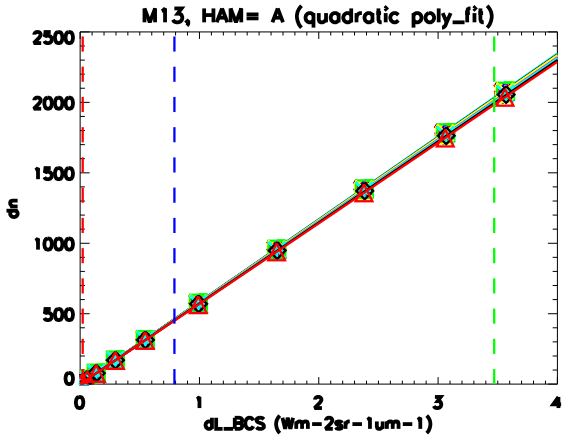
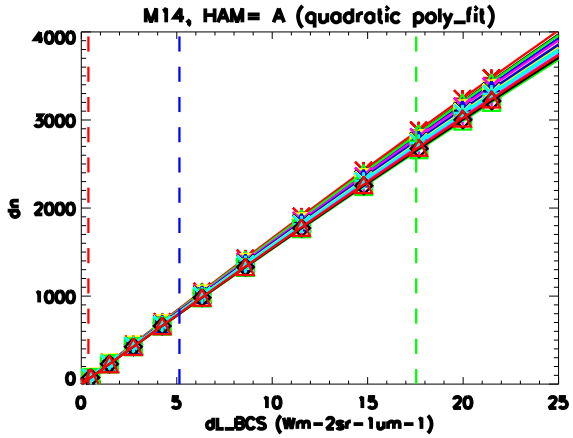
dL_BCS vs dn

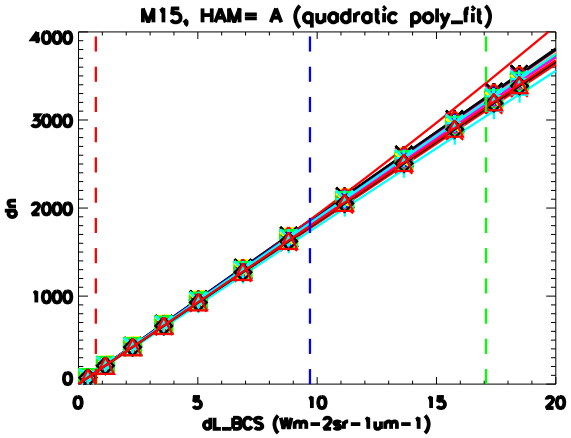

I4 SS1, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

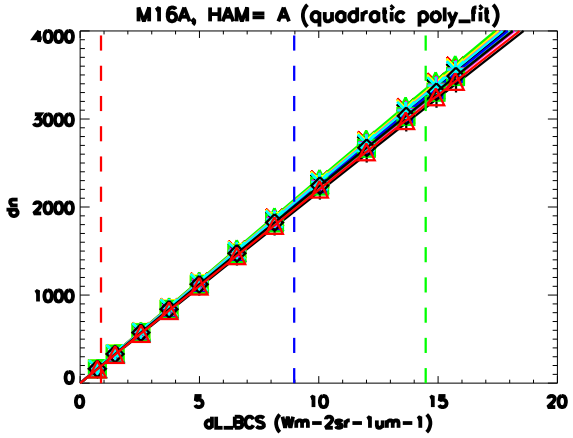

I5 SS1, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

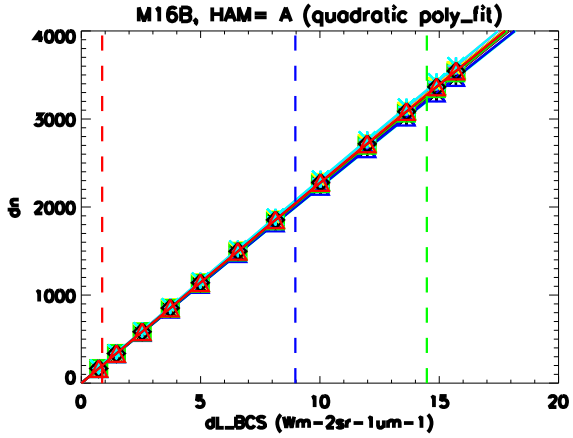

M12, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

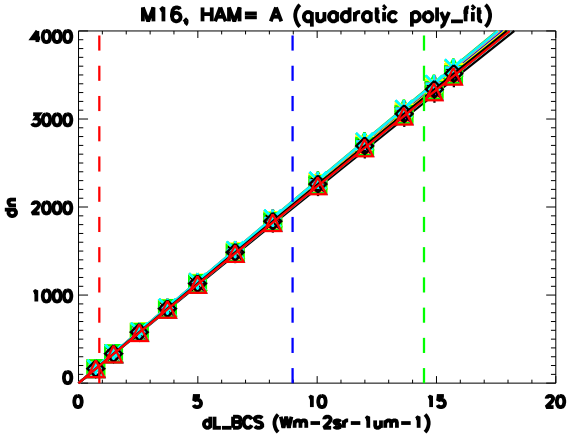

M13, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)


M14, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

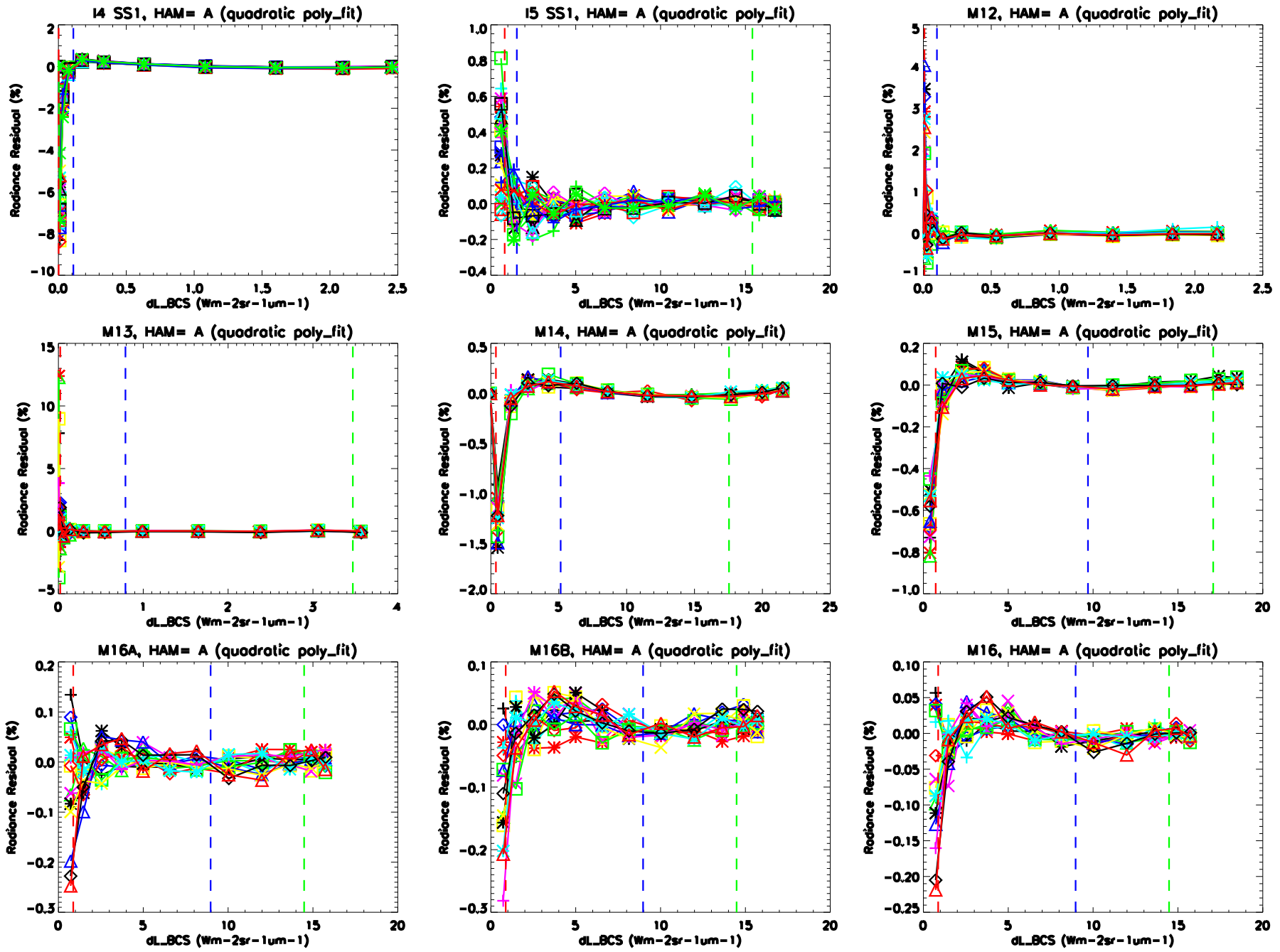

M15, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

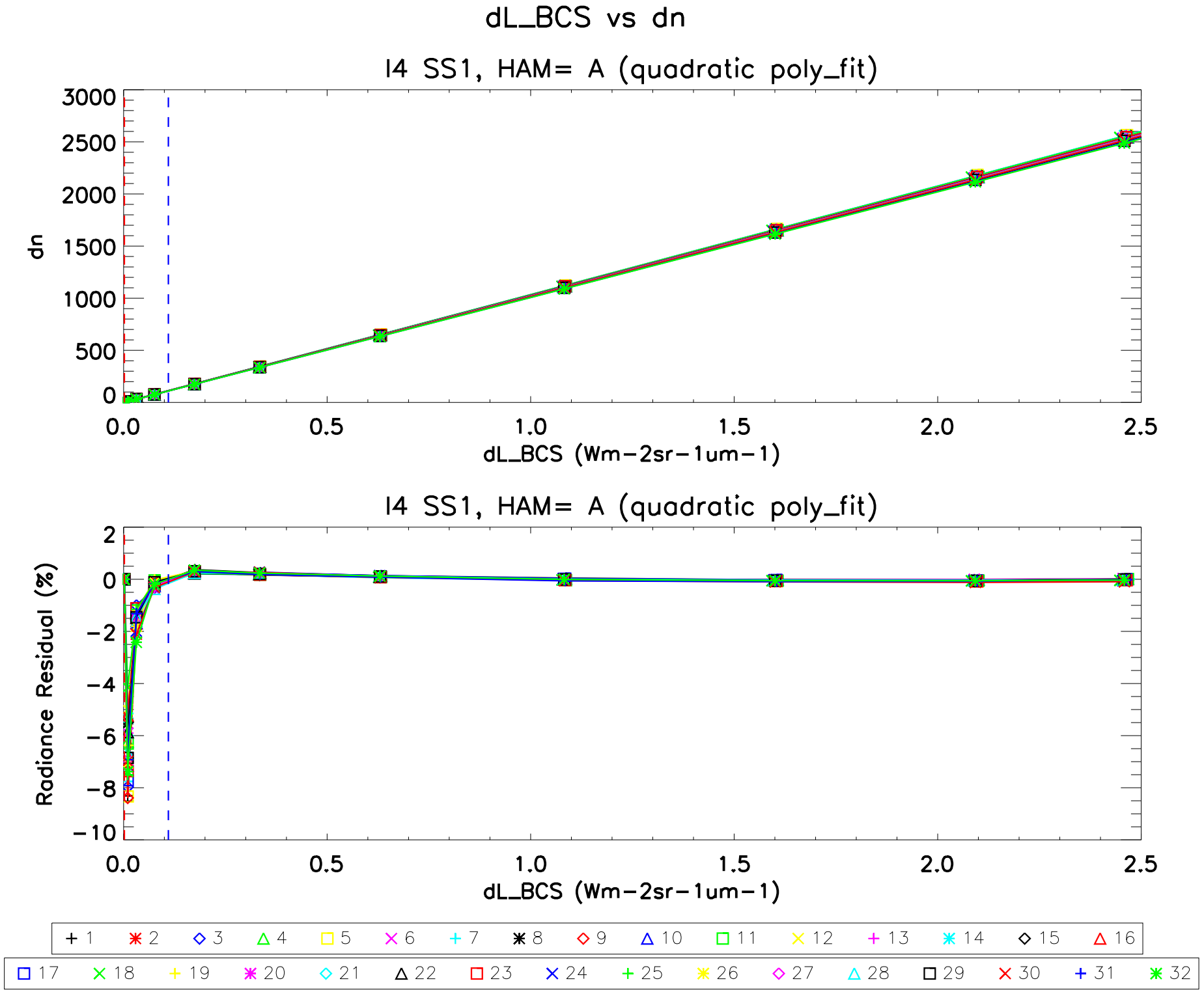

M16A, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

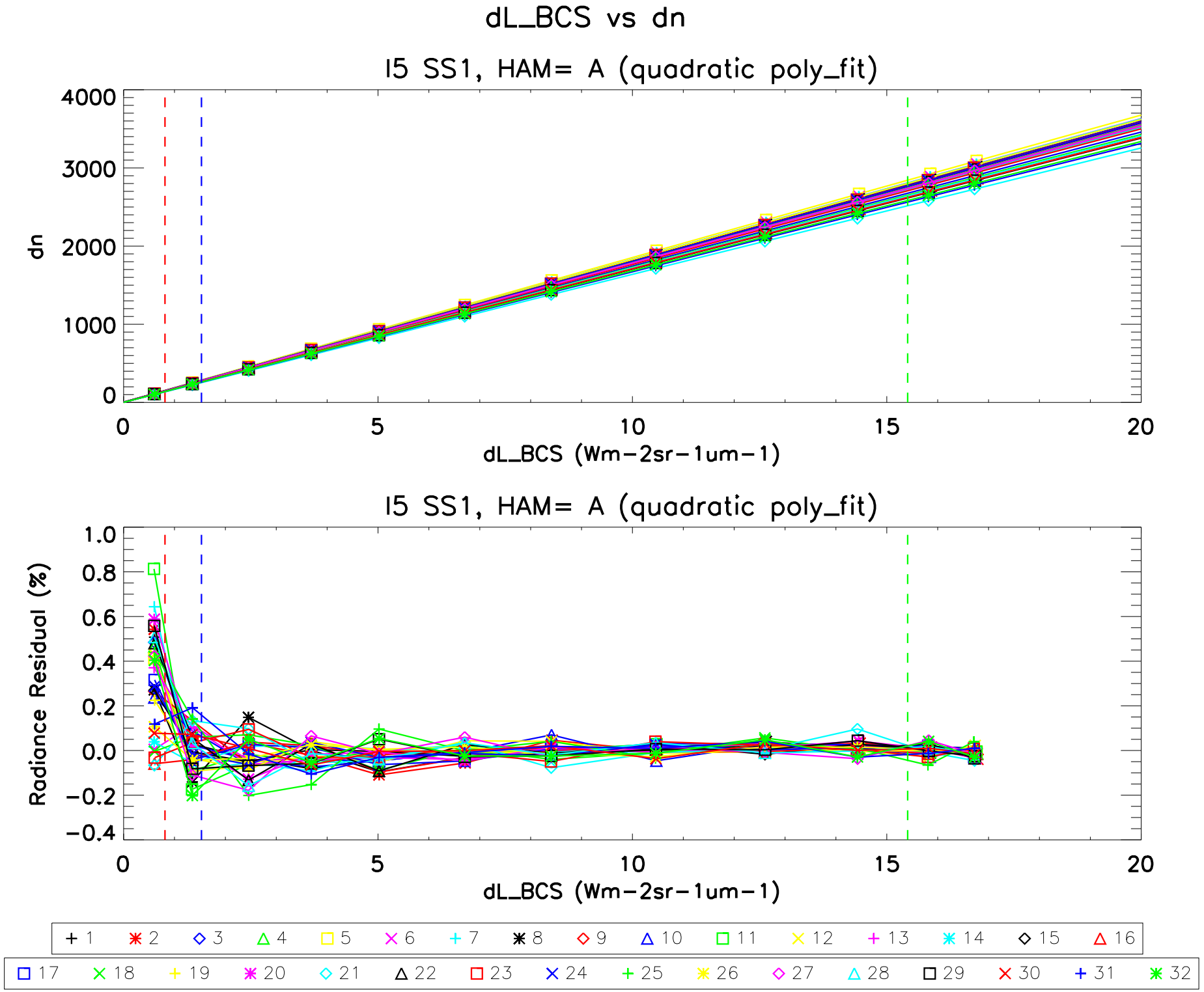

M16B, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

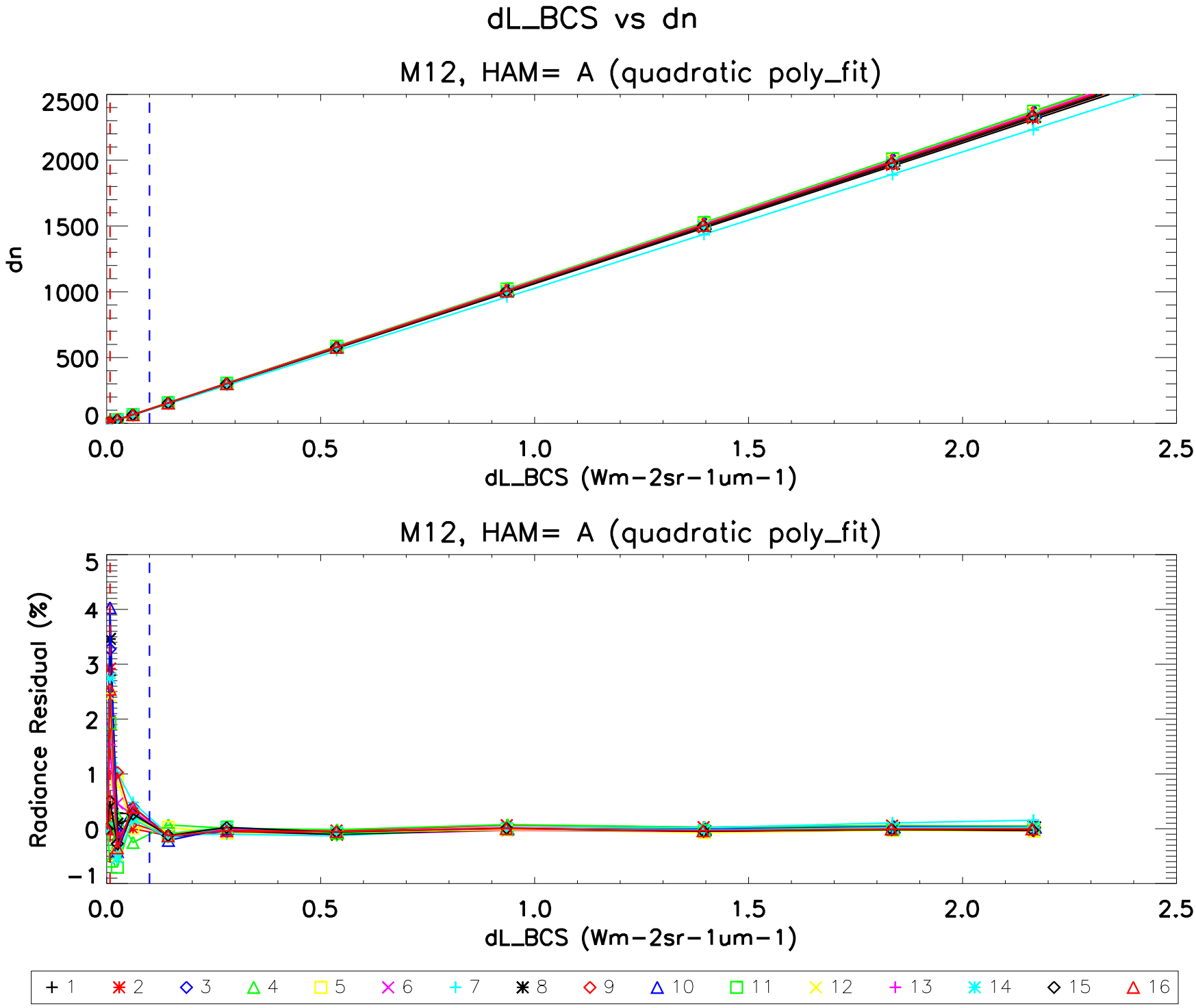

M16, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

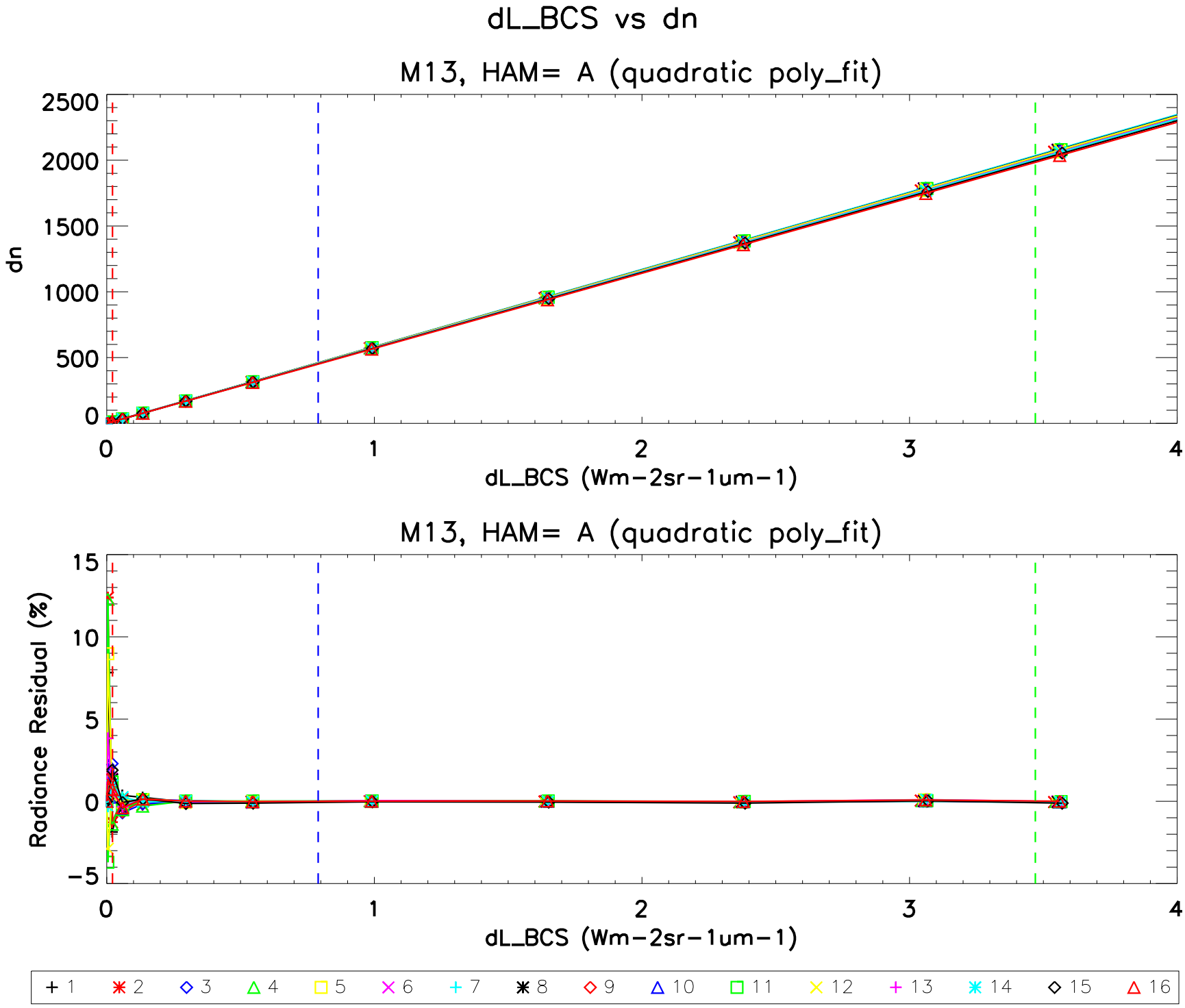
dL_BCS vs dn

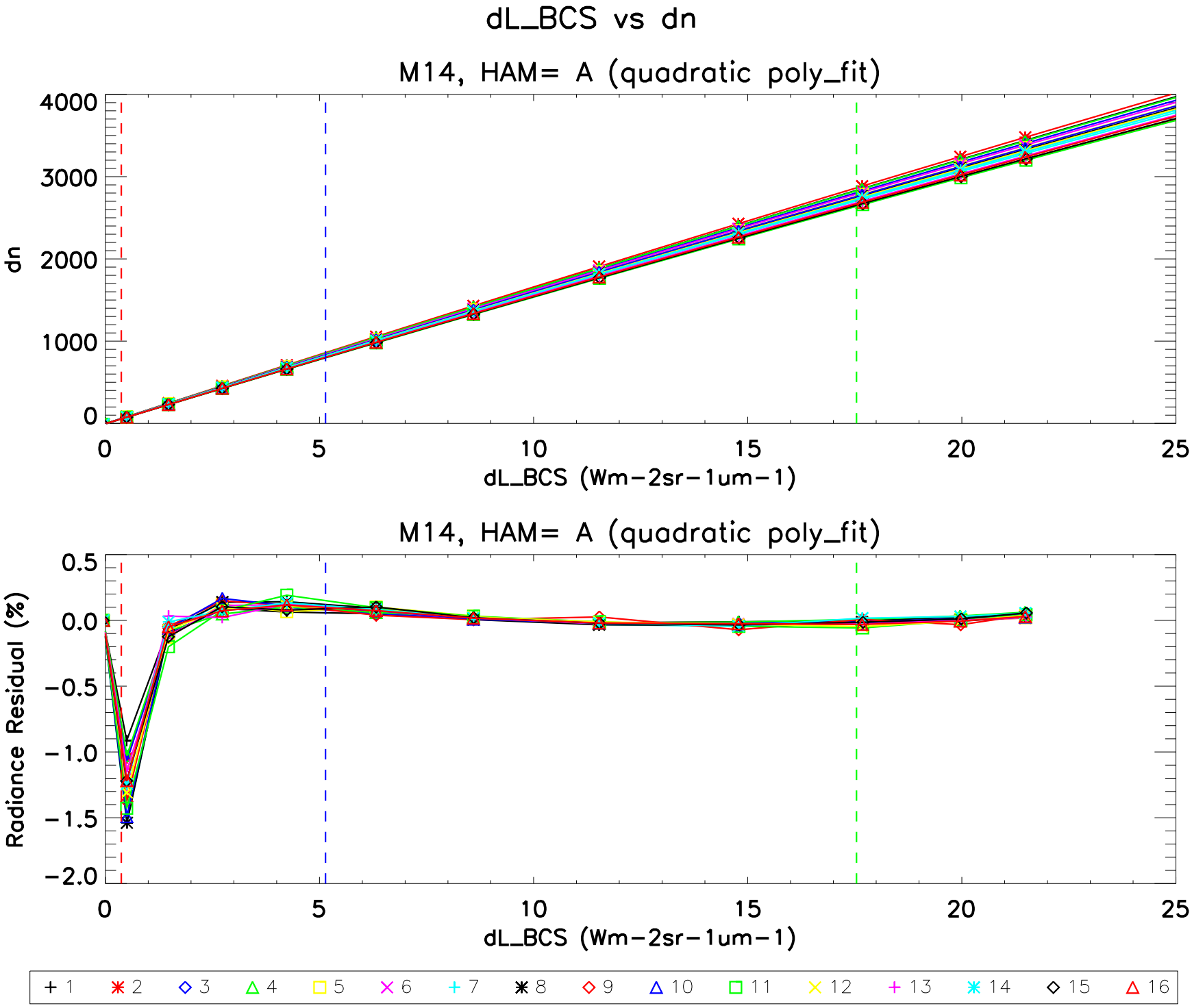

I4 SS1, HAM= A (quadratic poly_fit)
I5 SS1, HAM= A (quadratic poly_fit)
M12, HAM= A (quadratic poly_fit)
M13, HAM= A (quadratic poly_fit)
M14, HAM= A (quadratic poly_fit)
M15, HAM= A (quadratic poly_fit)
M16A, HAM= A (quadratic poly_fit)
M16B, HAM= A (quadratic poly_fit)
M16, HAM= A (quadratic poly_fit)
Radiance Residual (%)
dL_BCS (Wm-2sr-1um-1)
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

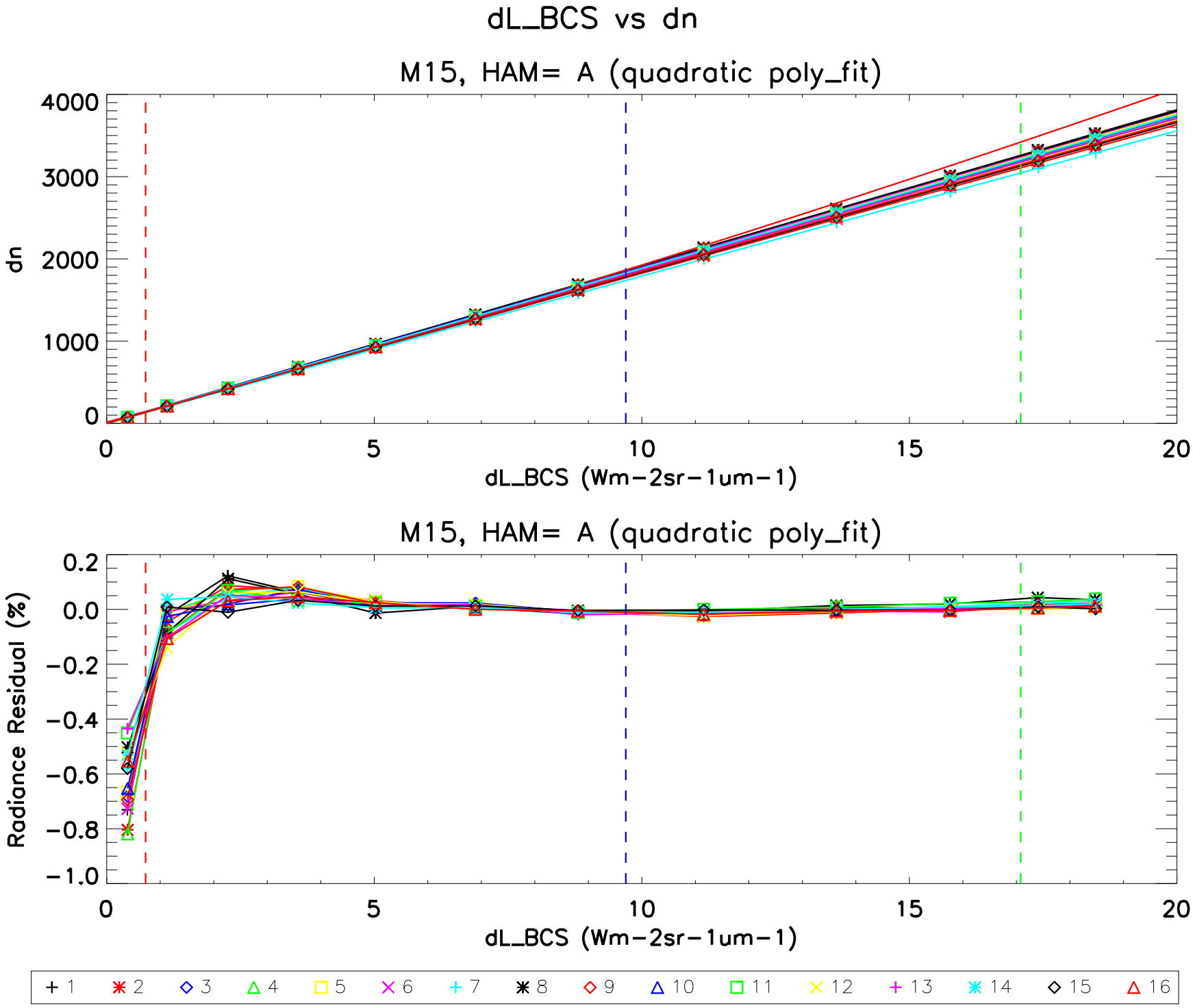

dL_BCS vs dn
I4 SS1, HAM= A (quadratic poly_fit)
dn
3000
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
I4 SS1, HAM= A (quadratic poly_fit)
Radiance Residual (%)
2
0
-2
-4
-6
-8
-10
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

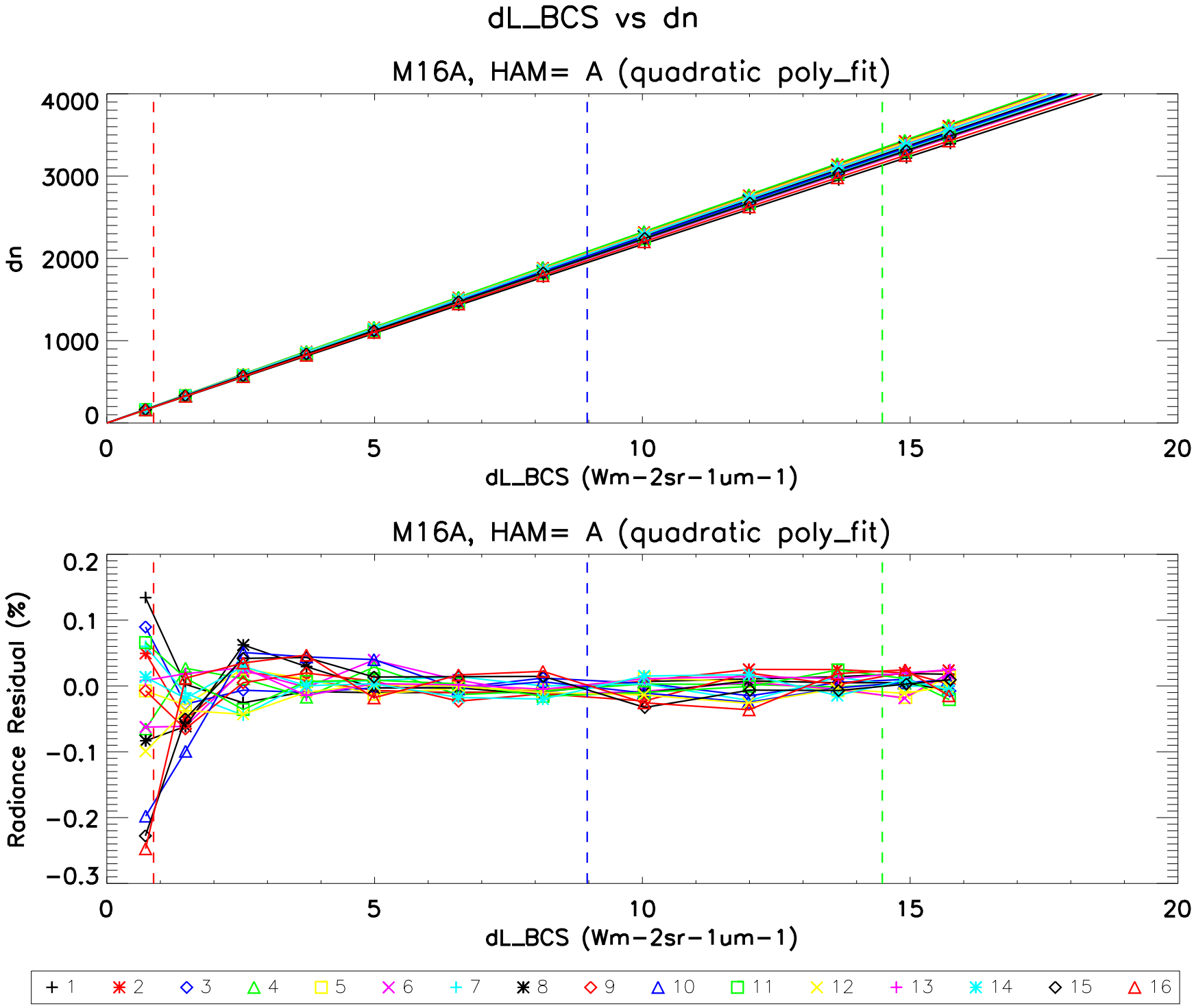

dL_BCS vs dn
I5 SS1, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
I5 SS1, HAM= A (quadratic poly_fit)
Radiance Residual (%)
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

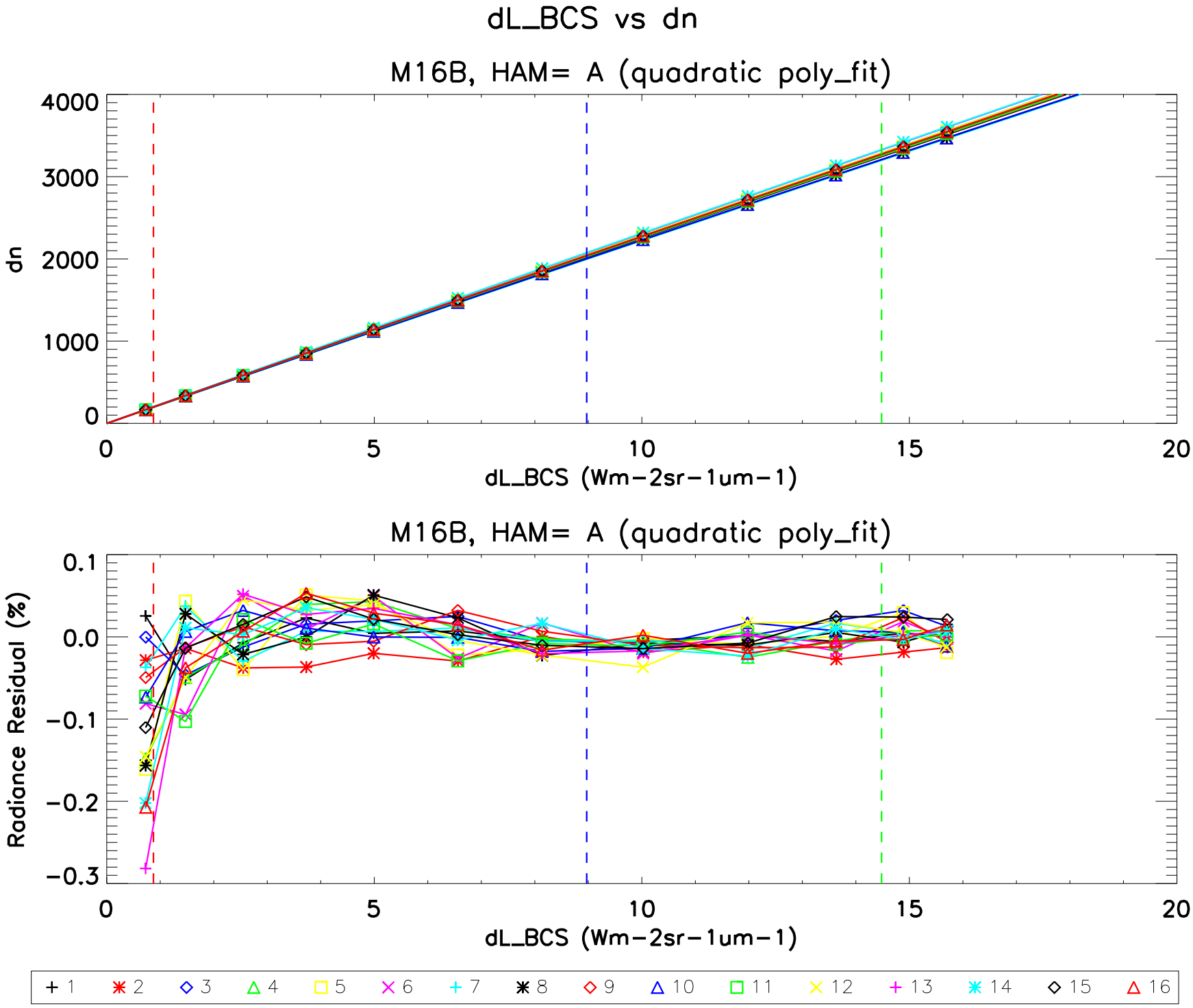

dL_BCS vs dn
M12, HAM= A (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
M12, HAM= A (quadratic poly_fit)
Radiance Residual (%)
5
4
3
2
1
0
-1
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

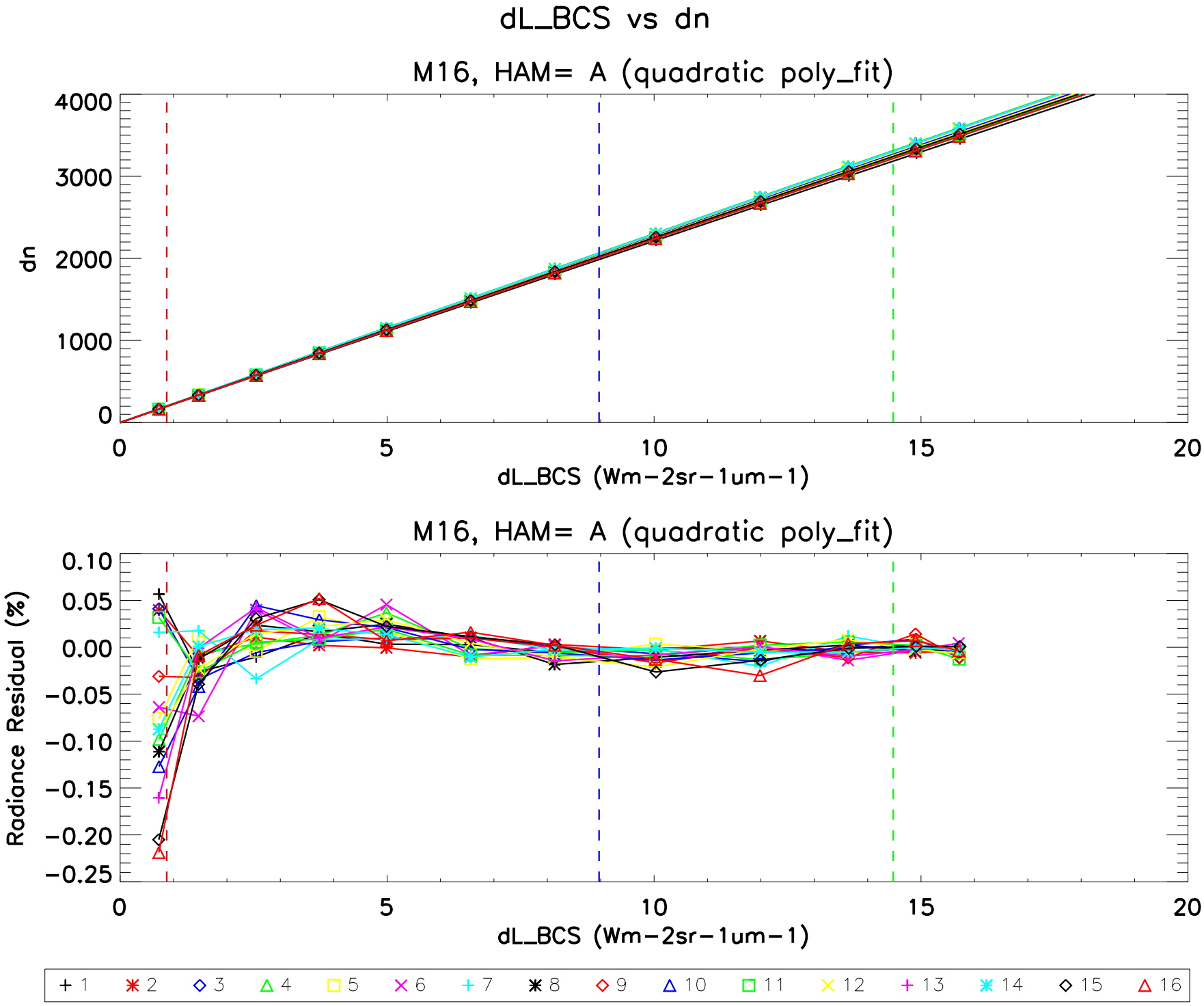

dL_BCS vs dn
M13, HAM= A (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
M13, HAM= A (quadratic poly_fit)
Radiance Residual (%)
15
10
5
0
-5
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


dL_BCS vs dn
M14, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
M14, HAM= A (quadratic poly_fit)
Radiance Residual (%)
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

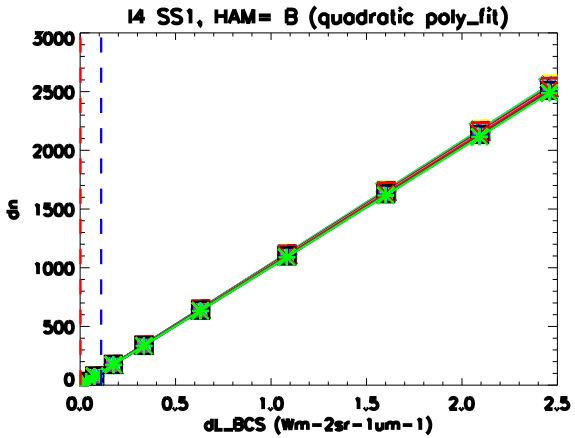

dL_BCS vs dn
M15, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M15, HAM= A (quadratic poly_fit)
Radiance Residual (%)
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

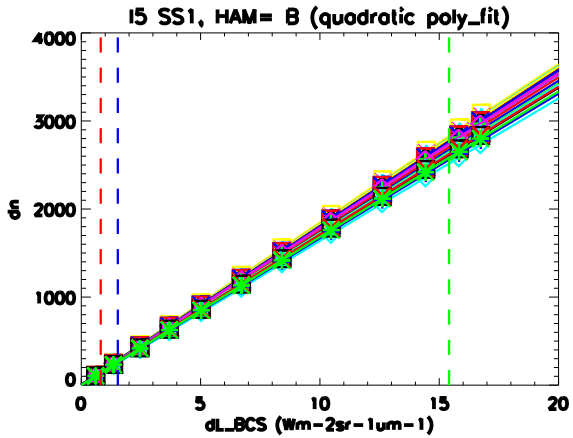

dL_BCS vs dn
M16A, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16A, HAM= A (quadratic poly_fit)
Radiance Residual (%)
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

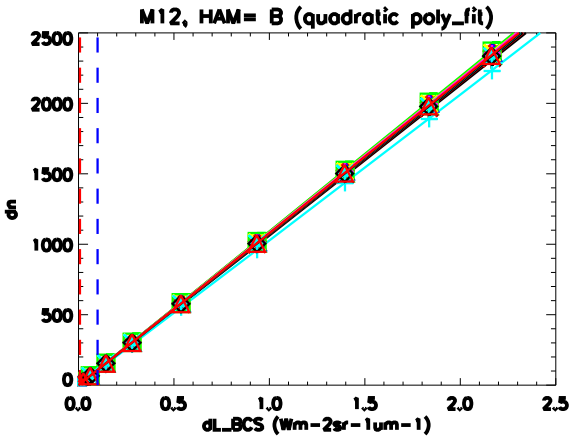

dL_BCS vs dn
M16B, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16B, HAM= A (quadratic poly_fit)
Radiance Residual (%)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

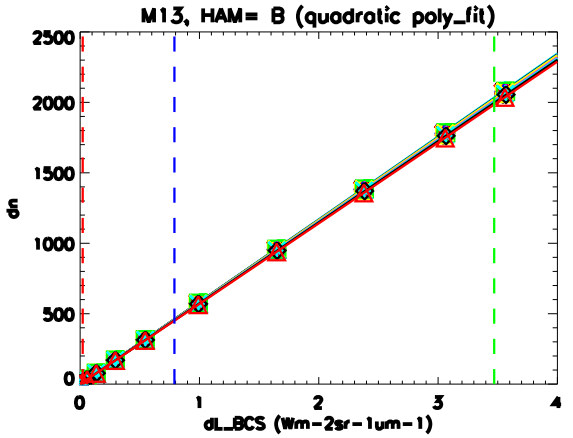

dL_BCS vs dn
M16, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
M16, HAM= A (quadratic poly_fit)
Radiance Residual (%)
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

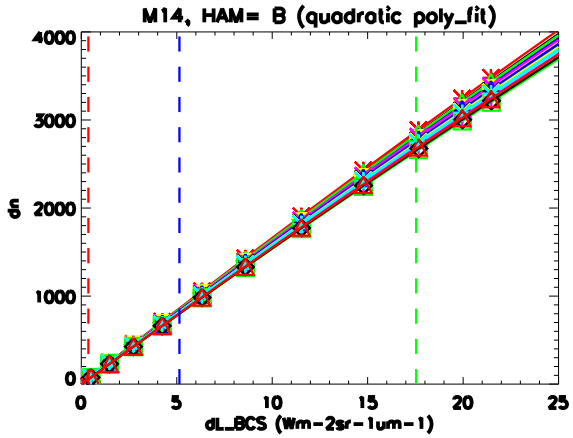
dL_BCS vs dn

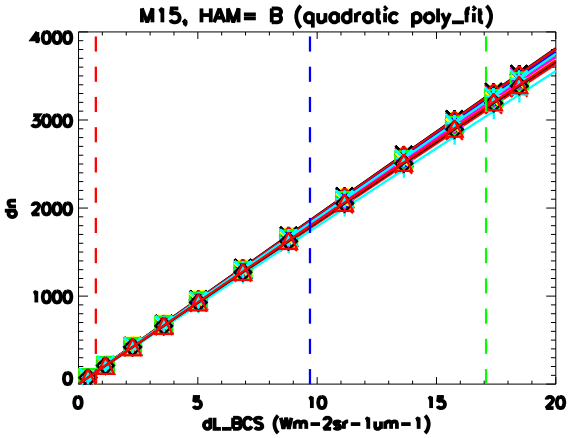

I4 SS1, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

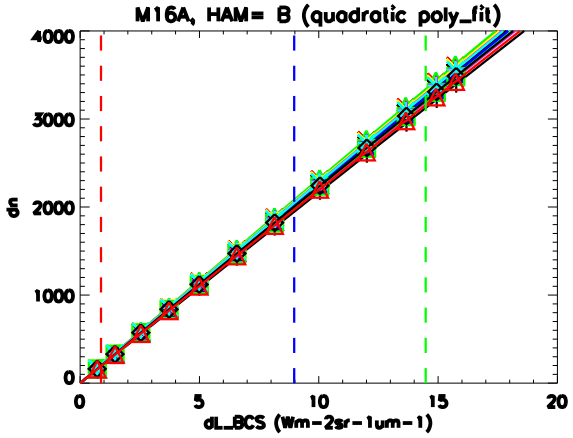

I5 SS1, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

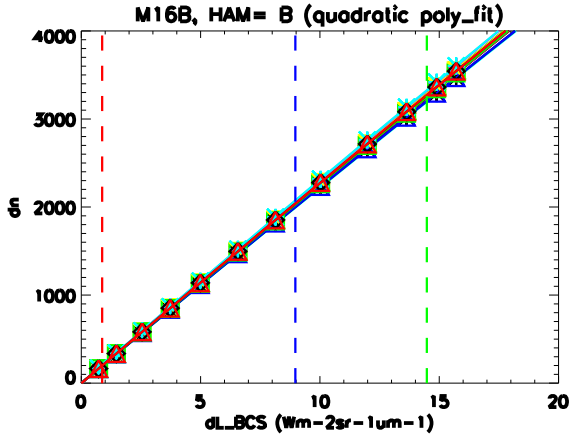

M12, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

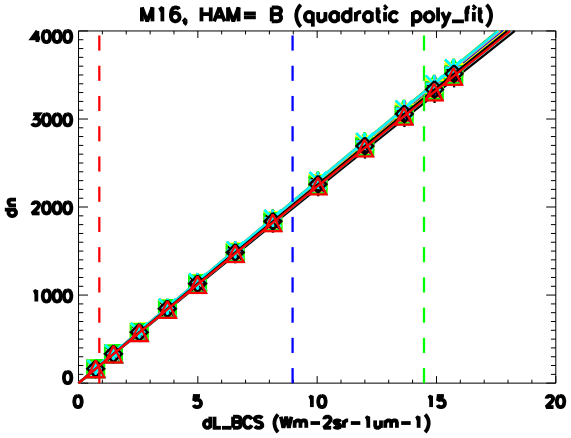

M13, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)


M14, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

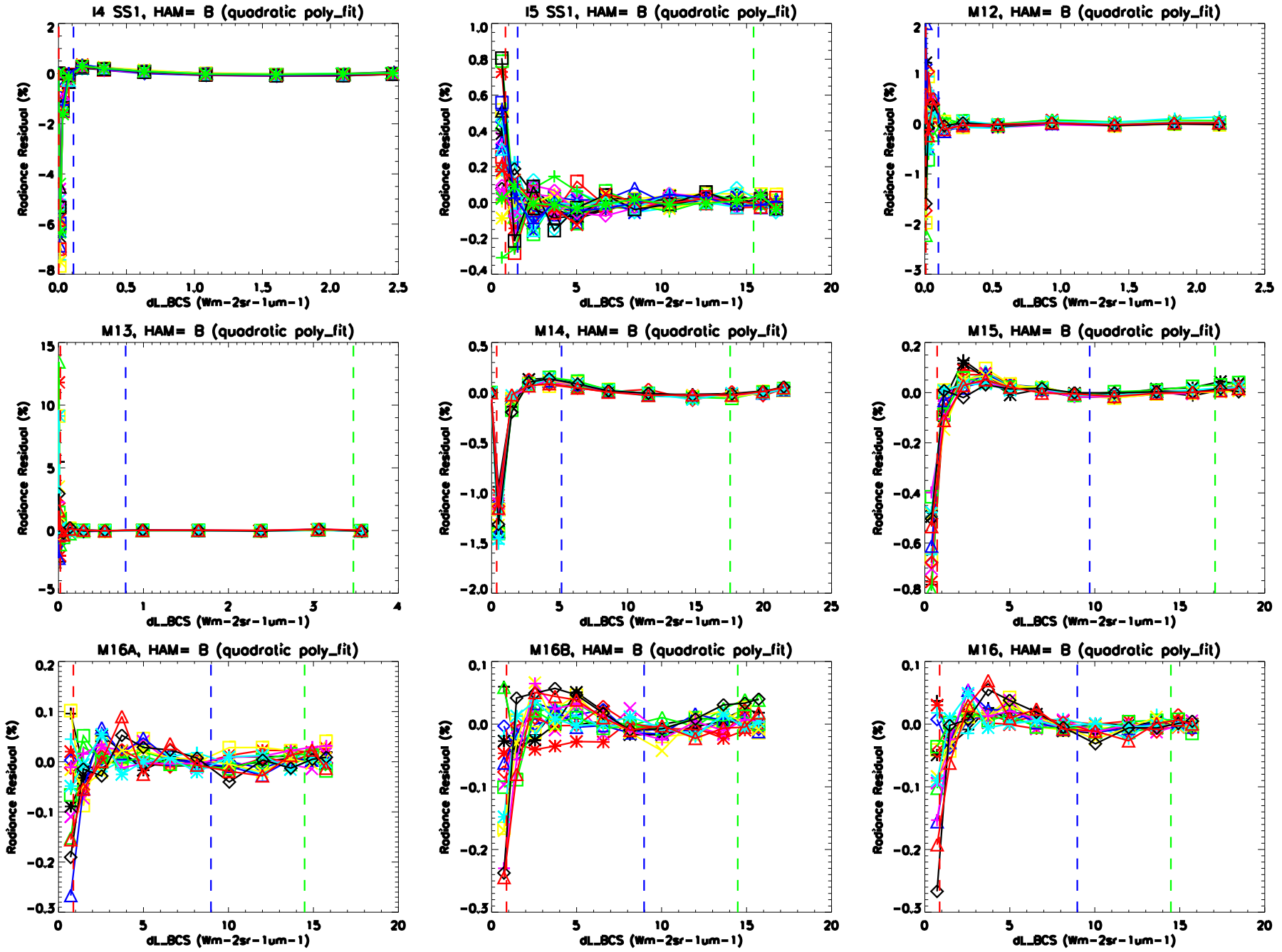

M15, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

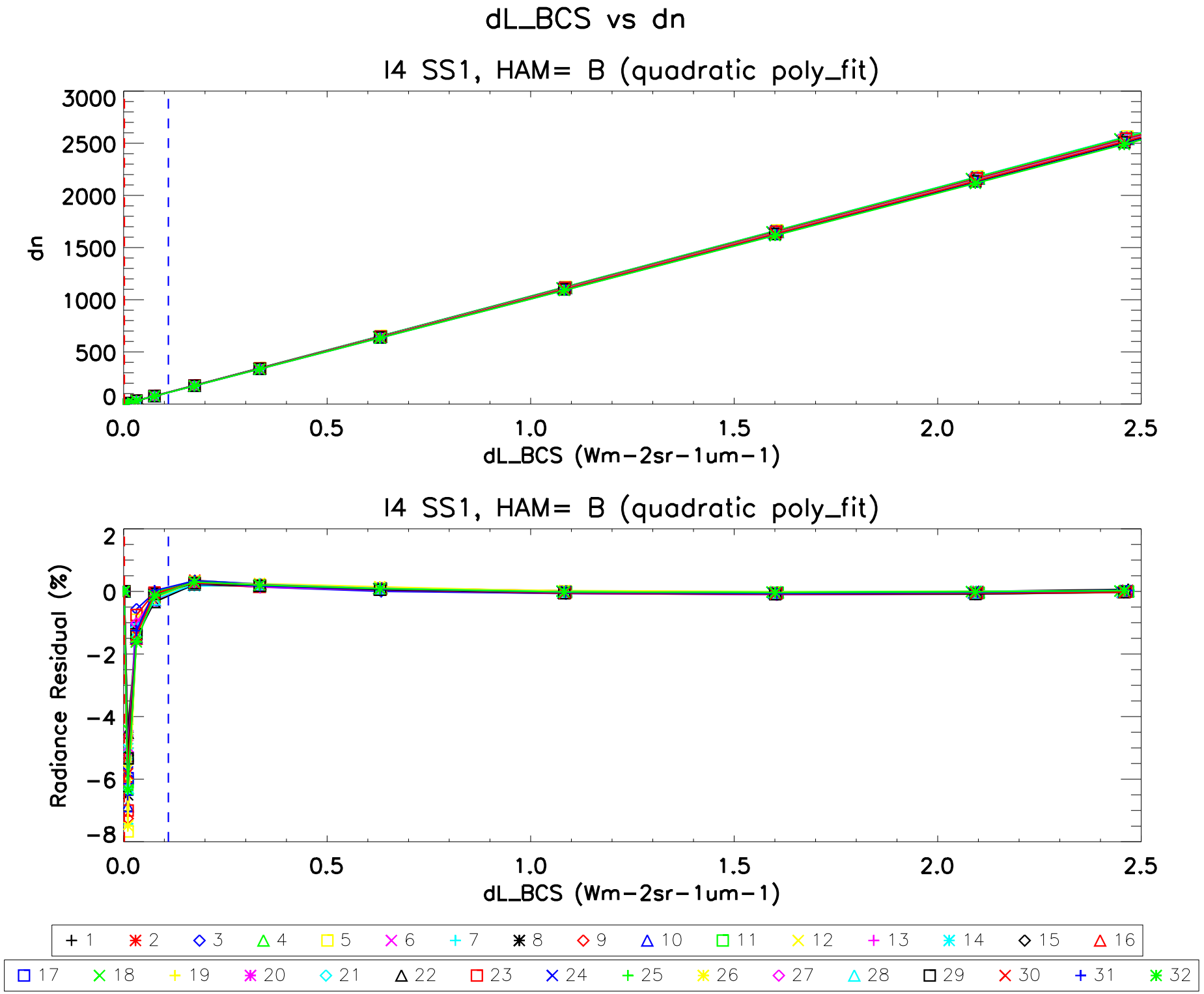

M16A, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

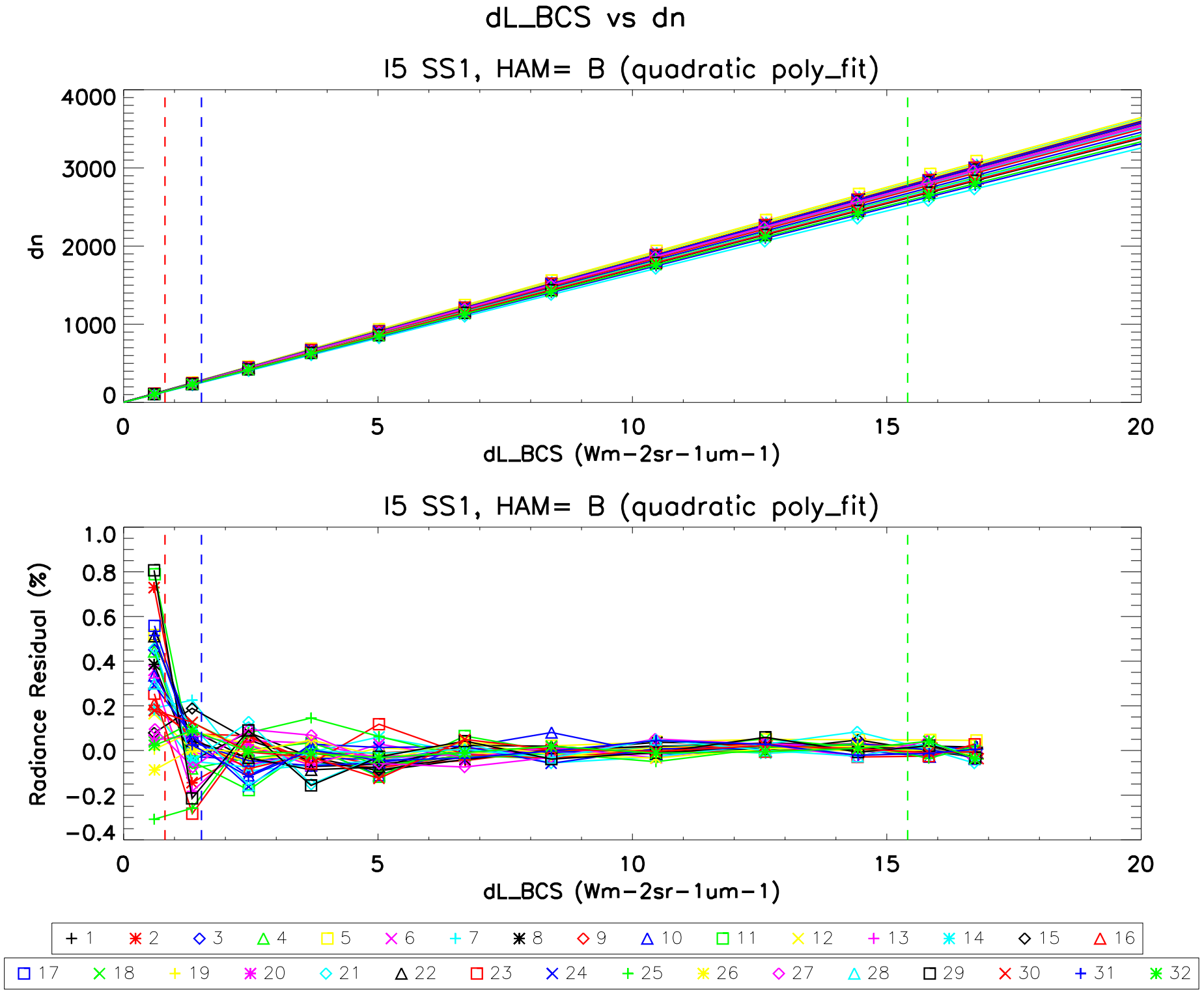

M16B, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

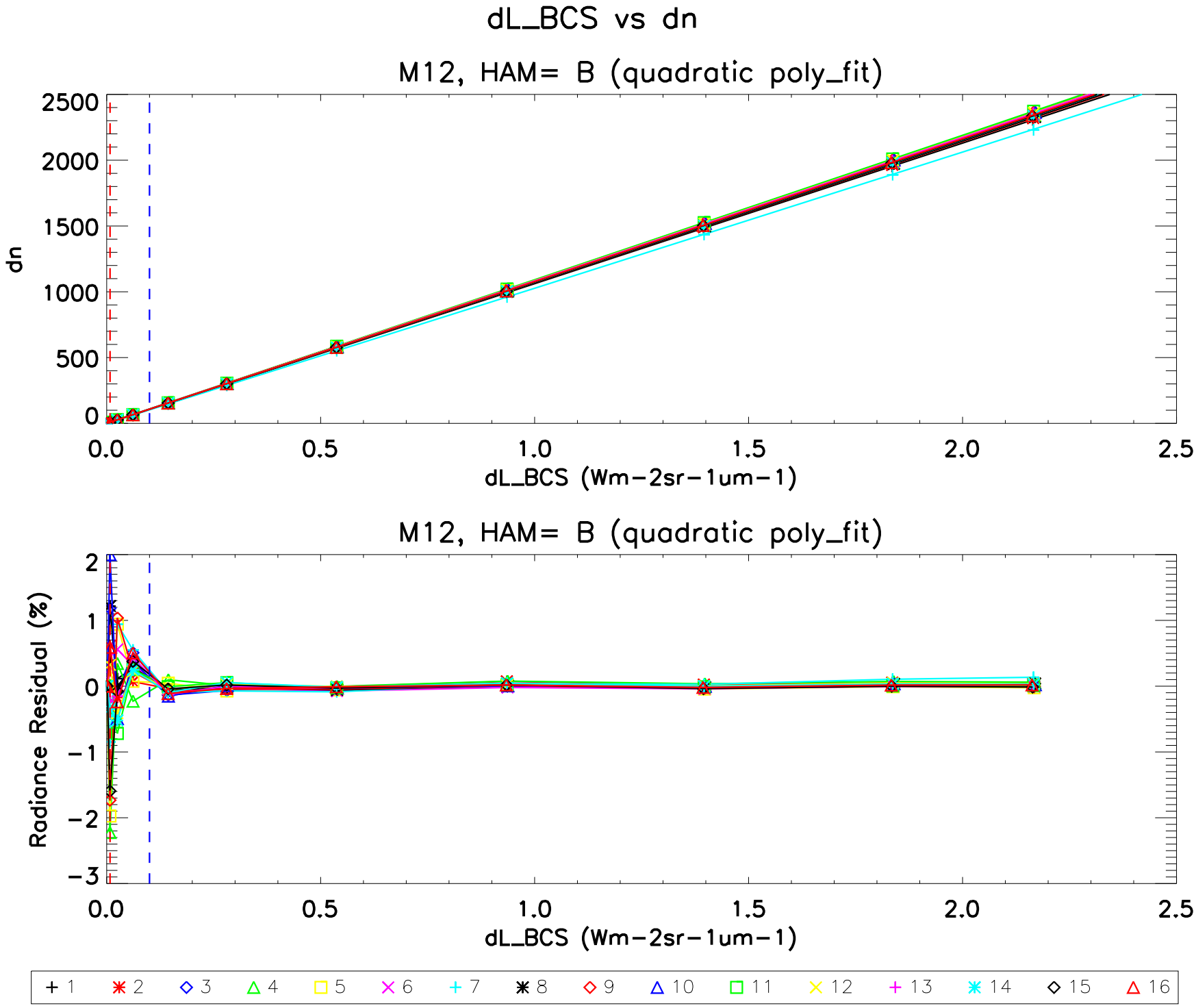

M16, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

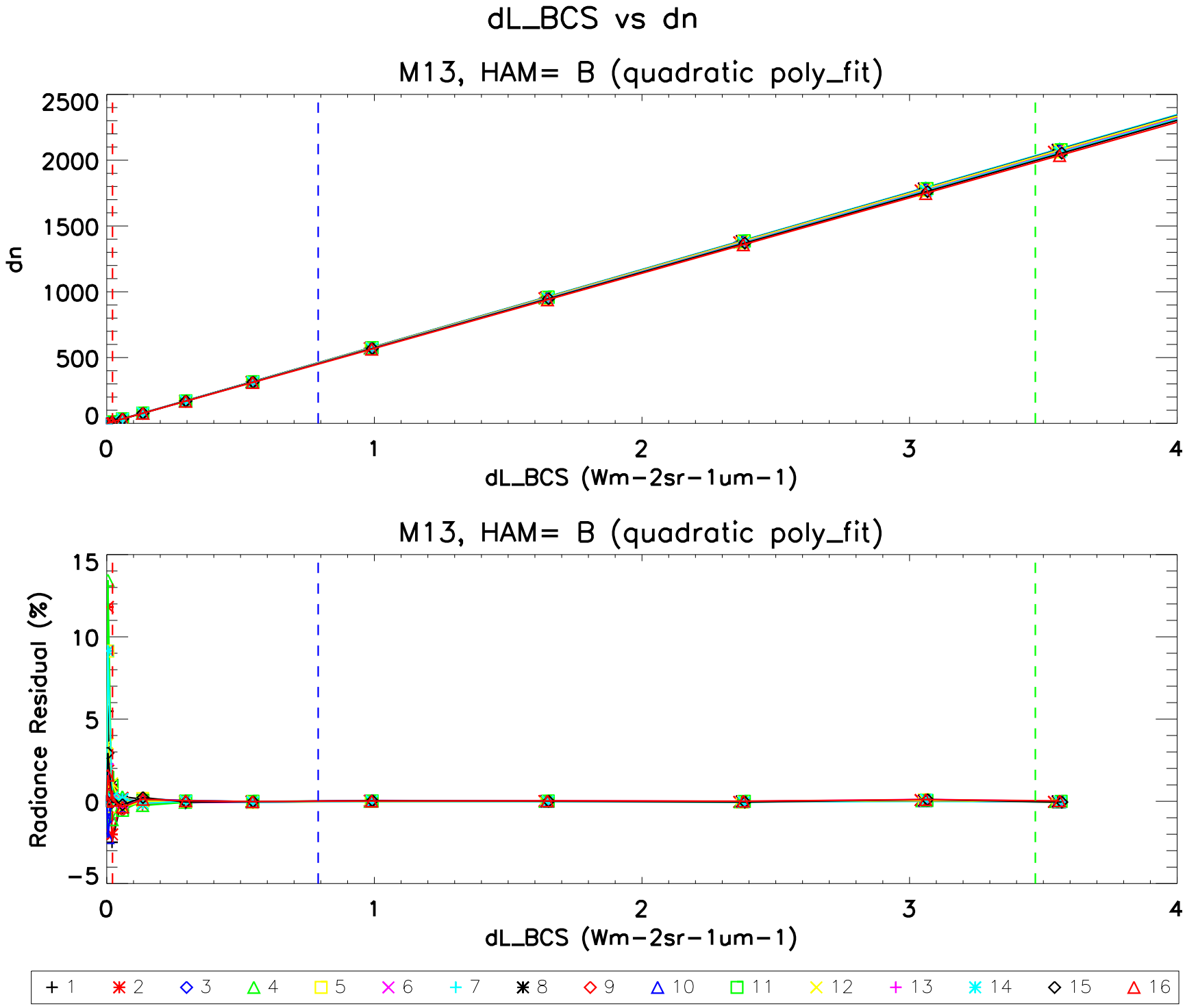
dL_BCS vs dn

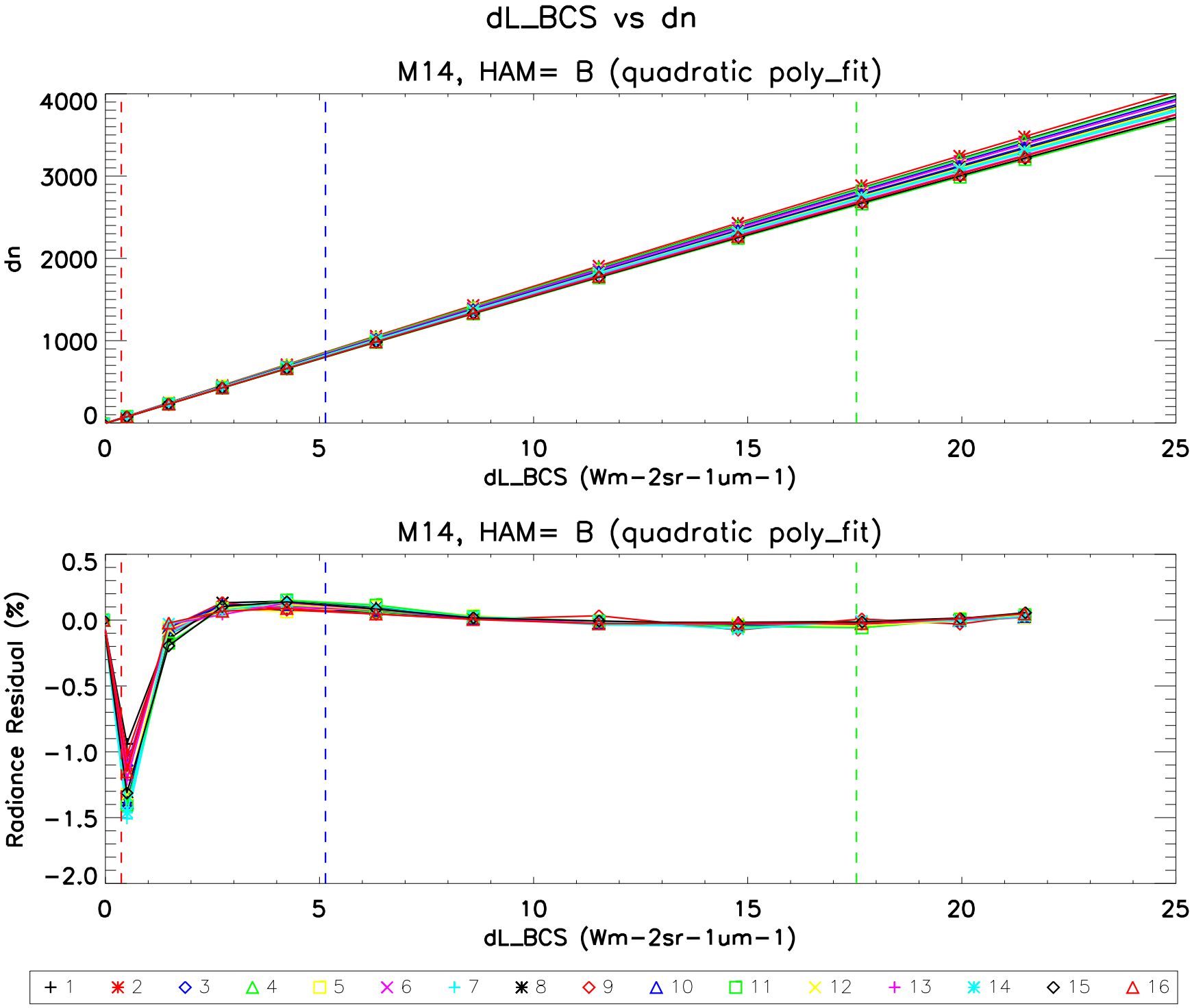

I4 SS1, HAM= B (quadratic poly_fit)
I5 SS1, HAM= B (quadratic poly_fit)
M12, HAM= B (quadratic poly_fit)
M13, HAM= B (quadratic poly_fit)
M14, HAM= B (quadratic poly_fit)
M15, HAM= B (quadratic poly_fit)
M16A, HAM= B (quadratic poly_fit)
M16B, HAM= B (quadratic poly_fit)
M16, HAM= B (quadratic poly_fit)
Radiance Residual (%)
dL_BCS (Wm-2sr-1um-1)
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

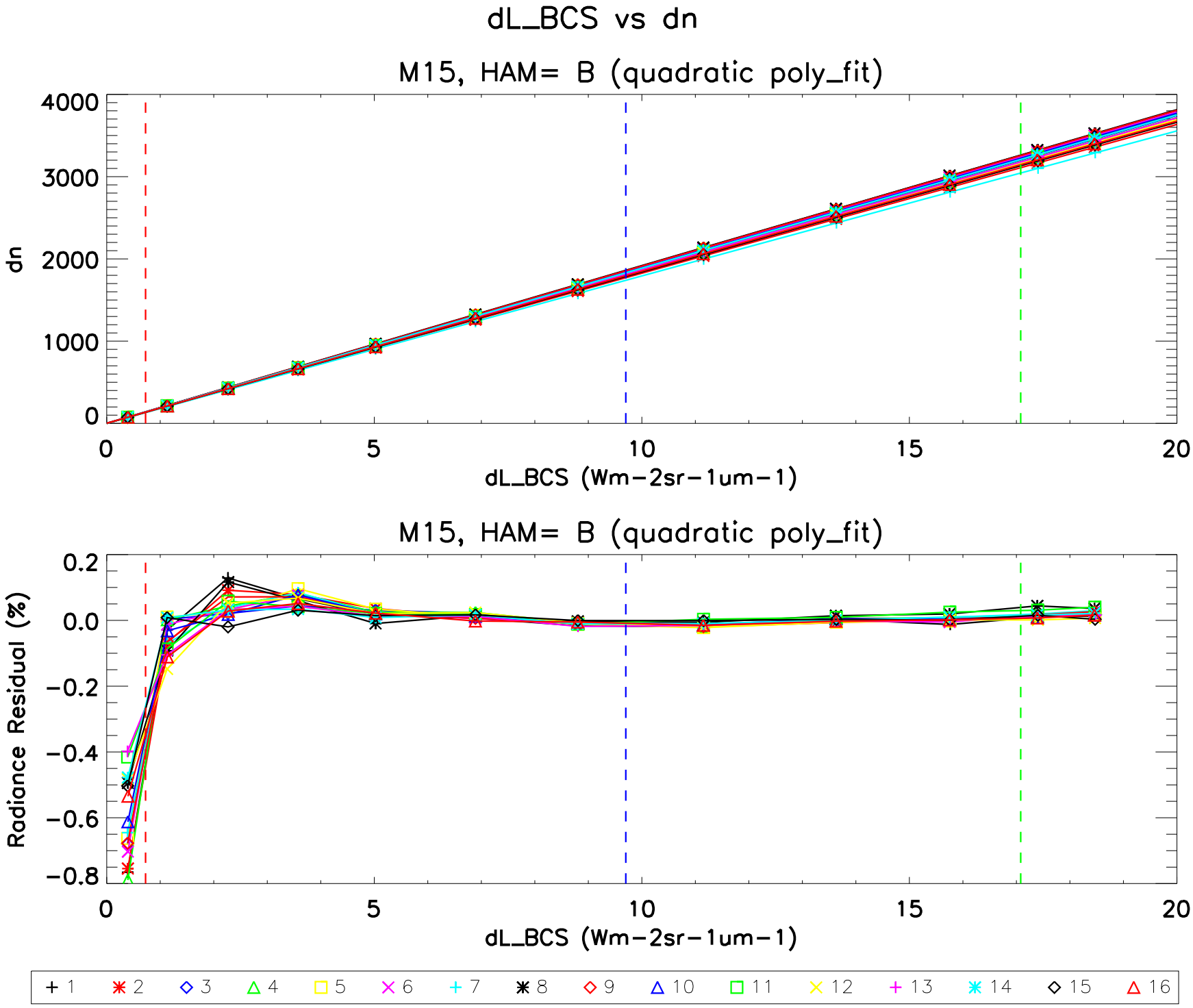

dL_BCS vs dn
I4 SS1, HAM= B (quadratic poly_fit)
dn
3000
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
I4 SS1, HAM= B (quadratic poly_fit)
Radiance Residual (%)
2
0
-2
-4
-6
-8
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

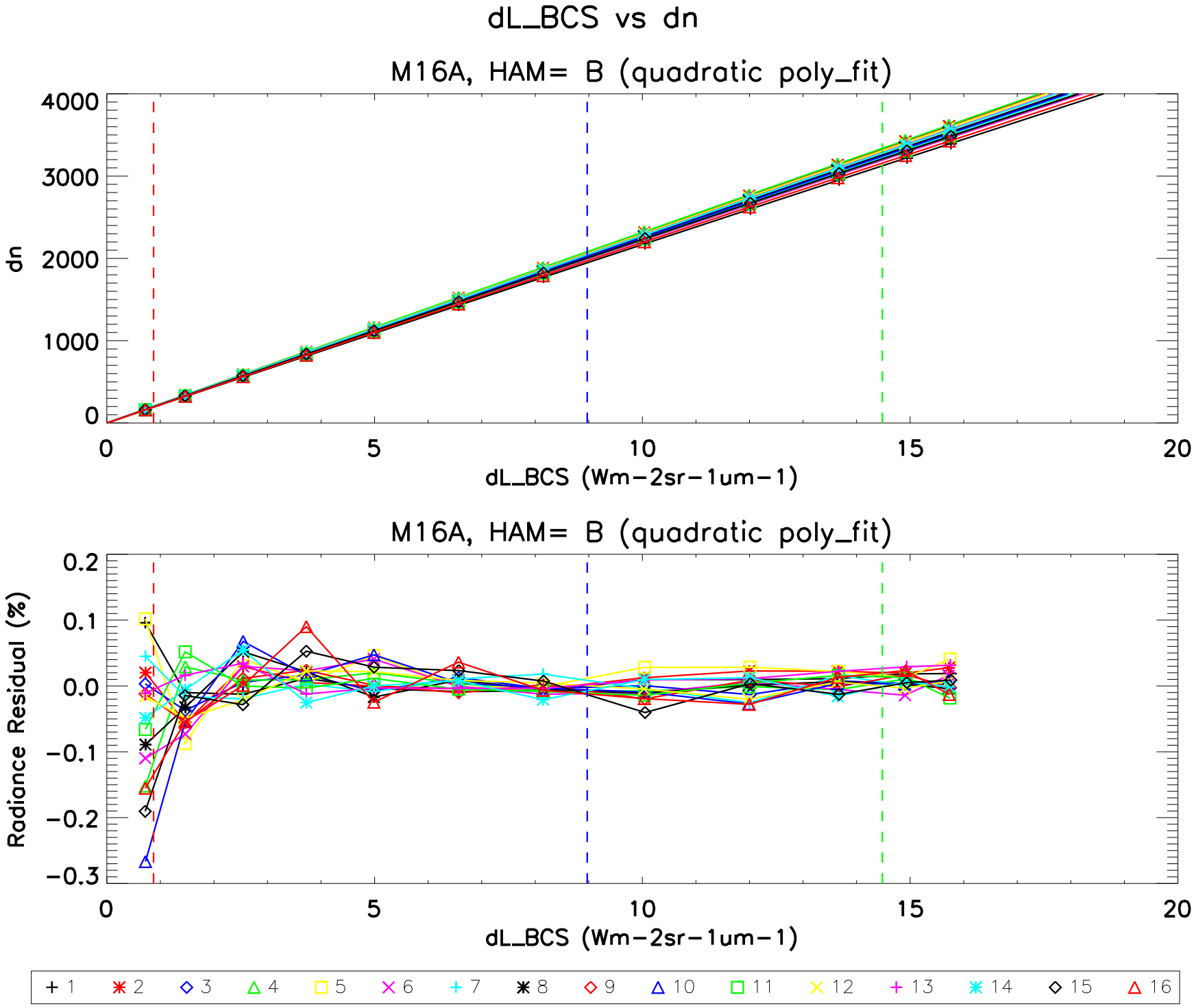

dL_BCS vs dn
I5 SS1, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
I5 SS1, HAM= B (quadratic poly_fit)
Radiance Residual (%)
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

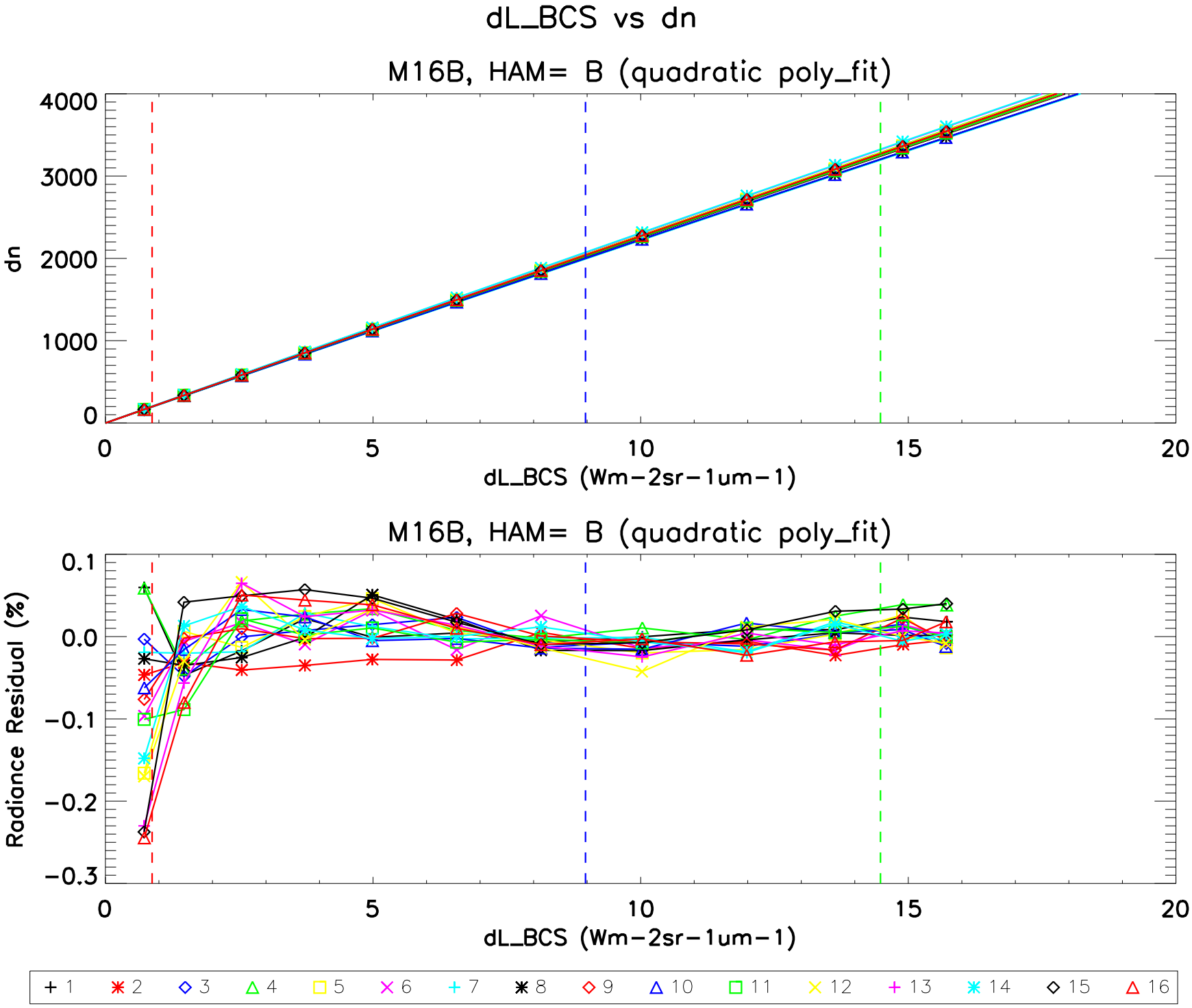

dL_BCS vs dn
M12, HAM= B (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
M12, HAM= B (quadratic poly_fit)
Radiance Residual (%)
2
1
0
-1
-2
-3
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

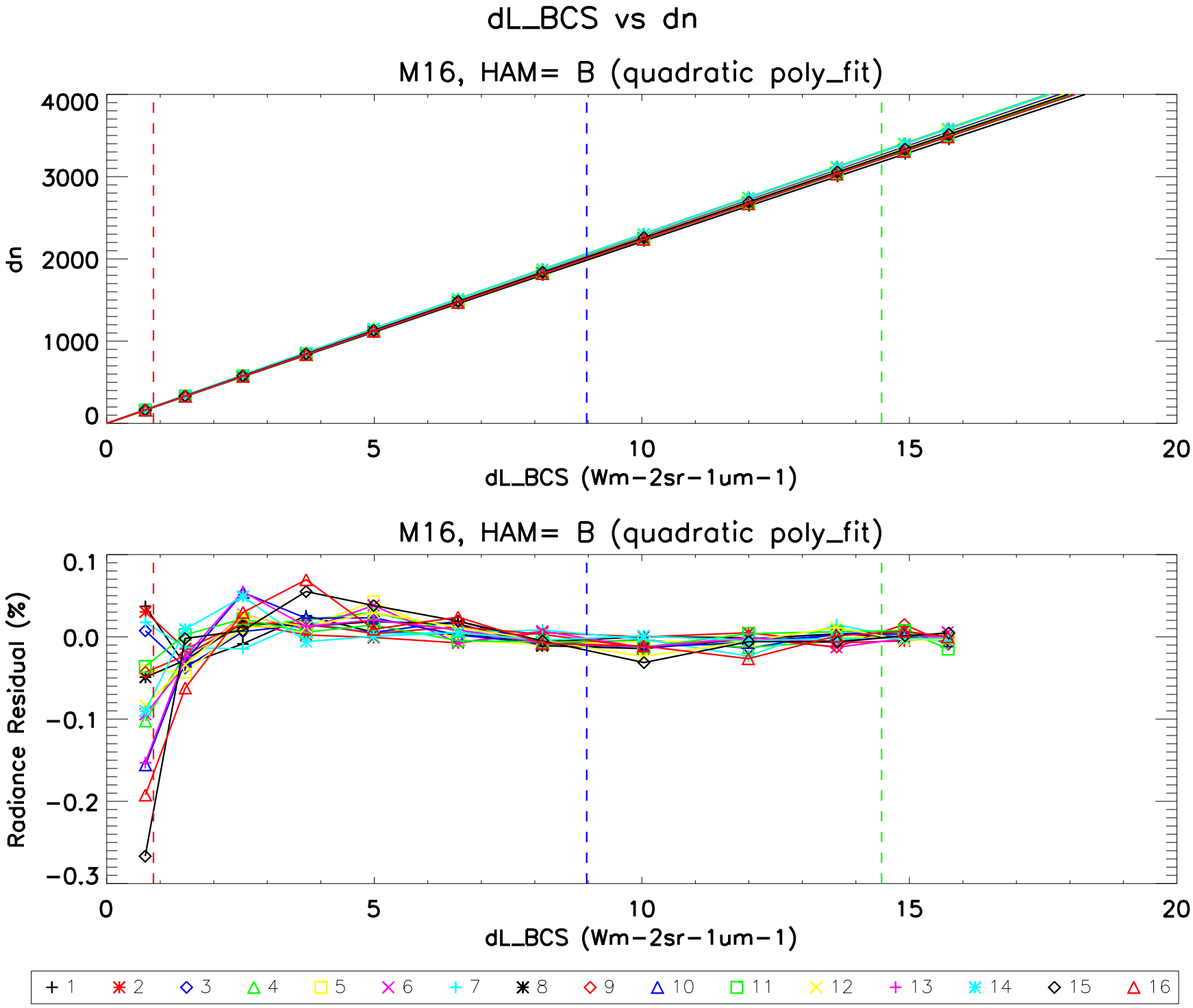

dL_BCS vs dn
M13, HAM= B (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
M13, HAM= B (quadratic poly_fit)
Radiance Residual (%)
15
10
5
0
-5
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


dL_BCS vs dn
M14, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
M14, HAM= B (quadratic poly_fit)
Radiance Residual (%)
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

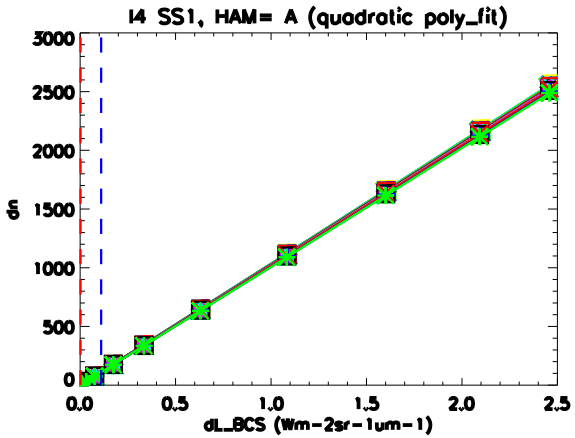

dL_BCS vs dn
M15, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M15, HAM= B (quadratic poly_fit)
Radiance Residual (%)
0.2
0.0
-0.2
-0.4
-0.6
-0.8
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

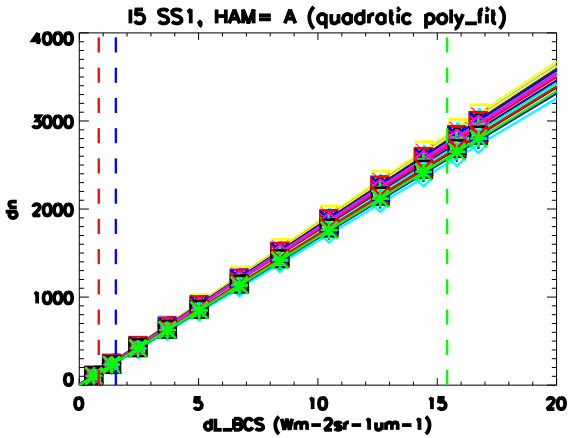

dL_BCS vs dn
M16A, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16A, HAM= B (quadratic poly_fit)
Radiance Residual (%)
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

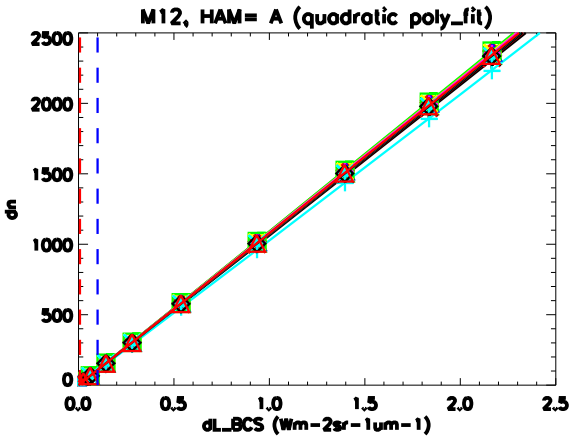

dL_BCS vs dn
M16B, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16B, HAM= B (quadratic poly_fit)
Radiance Residual (%)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

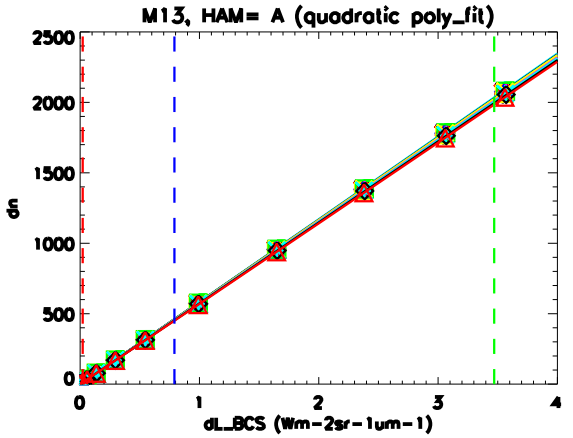

dL_BCS vs dn
M16, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16, HAM= B (quadratic poly_fit)
Radiance Residual (%)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

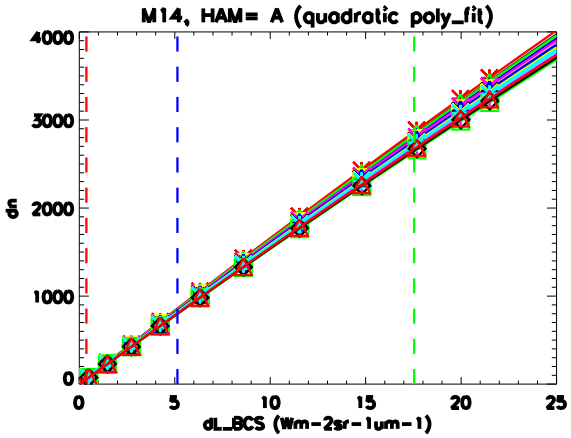
dn vs dL_BCS

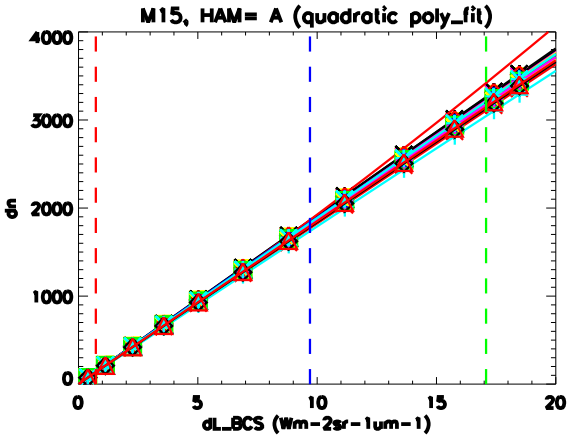

I4 SS1, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

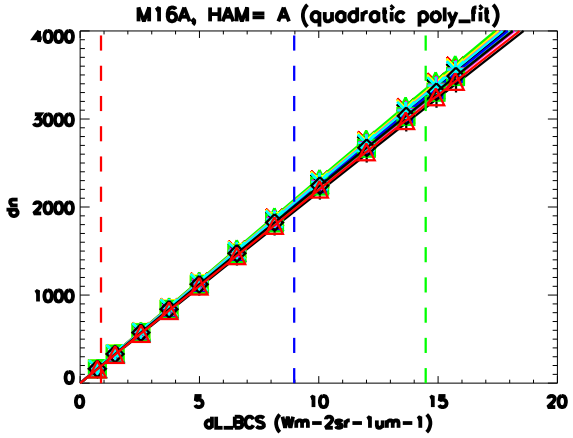

I5 SS1, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

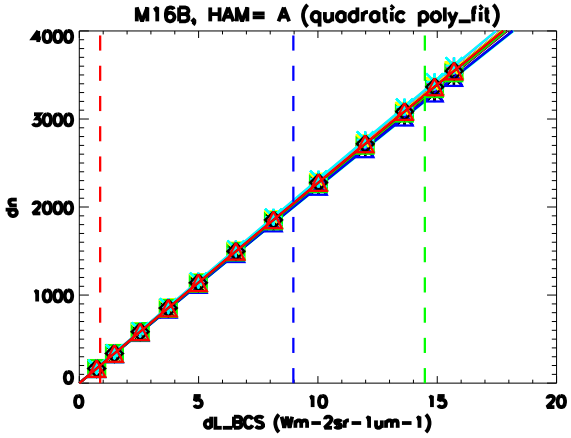

M12, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

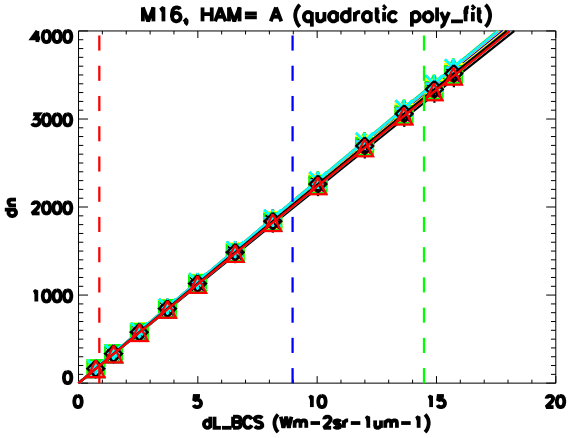

M13, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

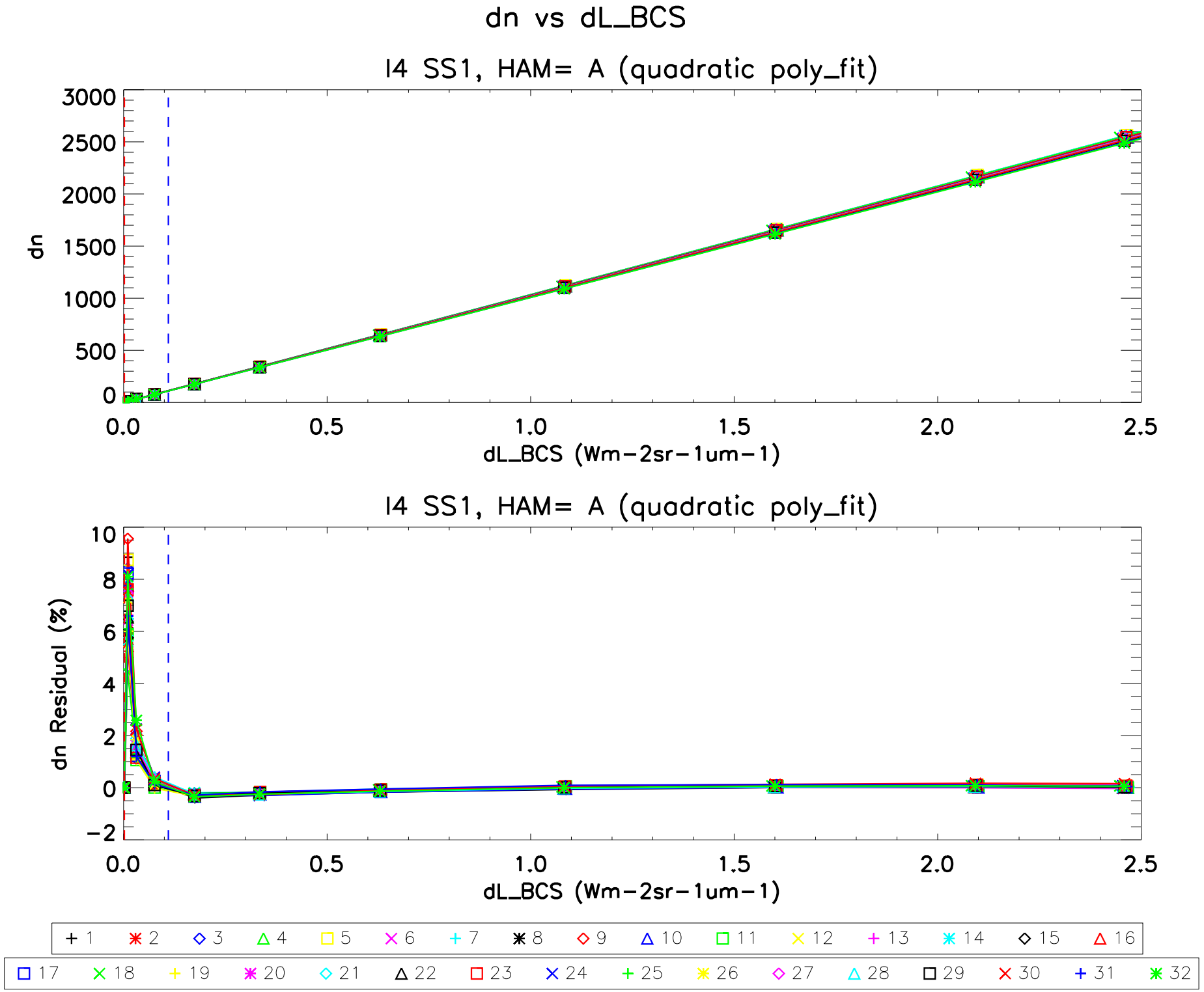

M14, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

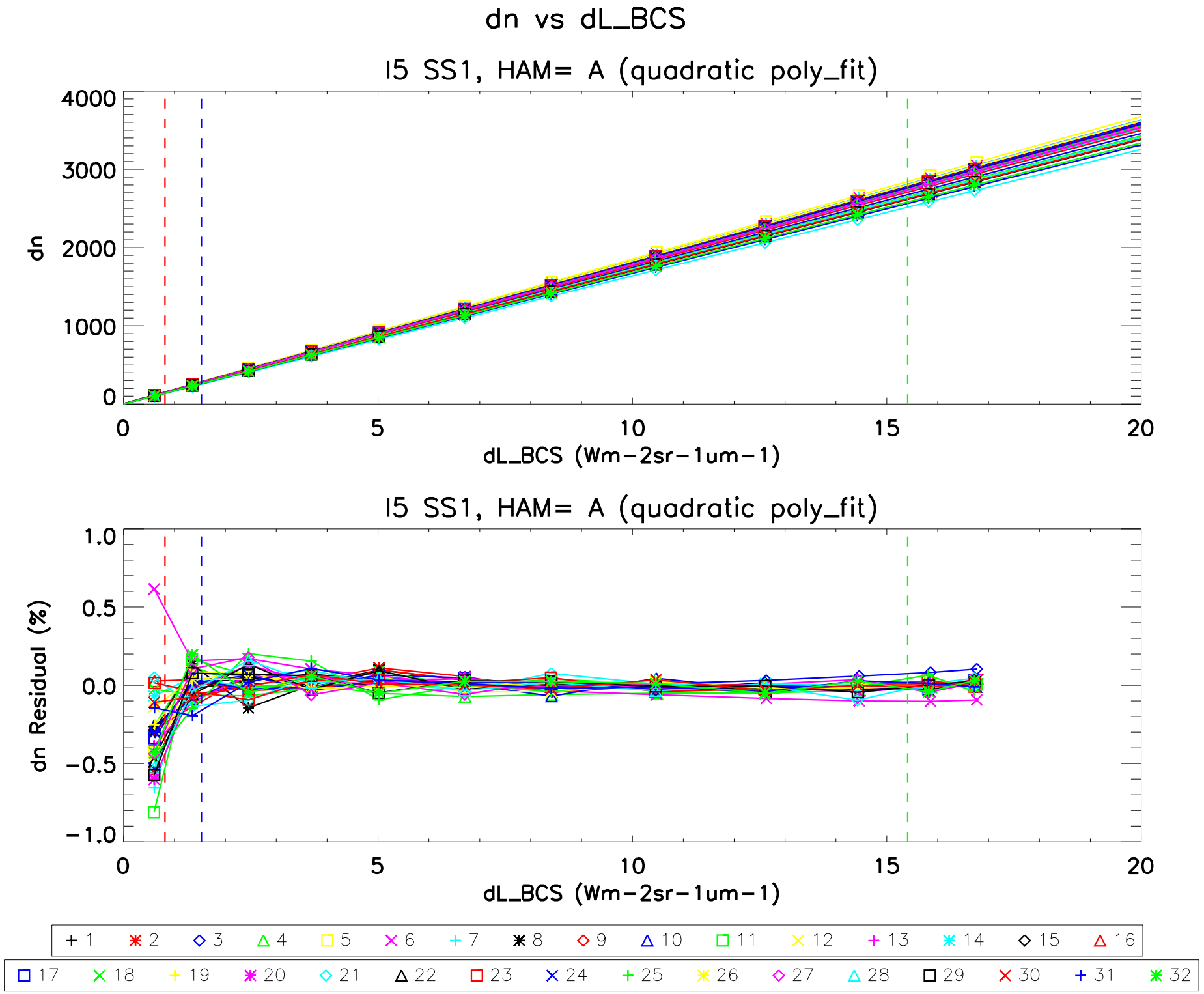

M15, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

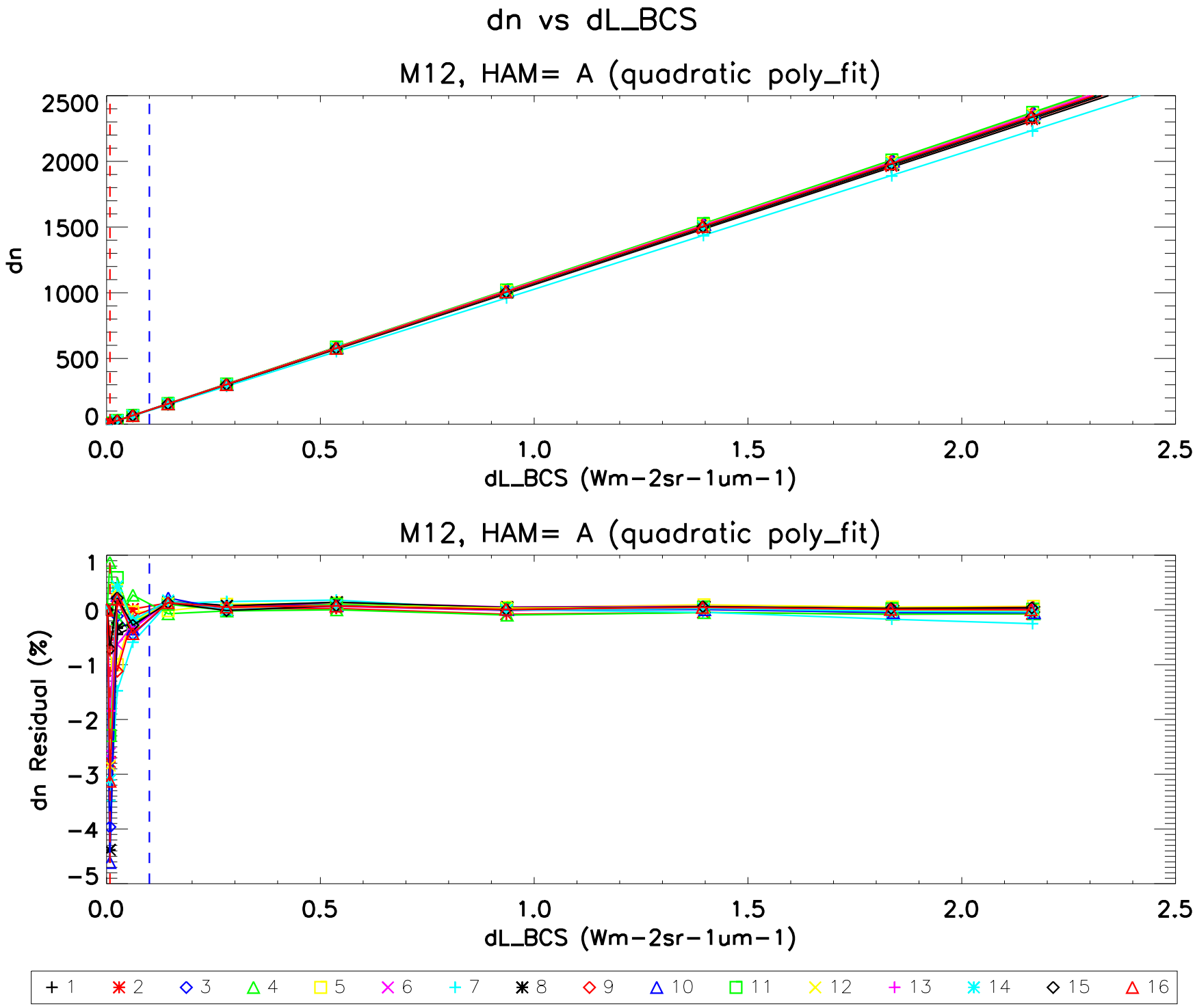

M16A, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

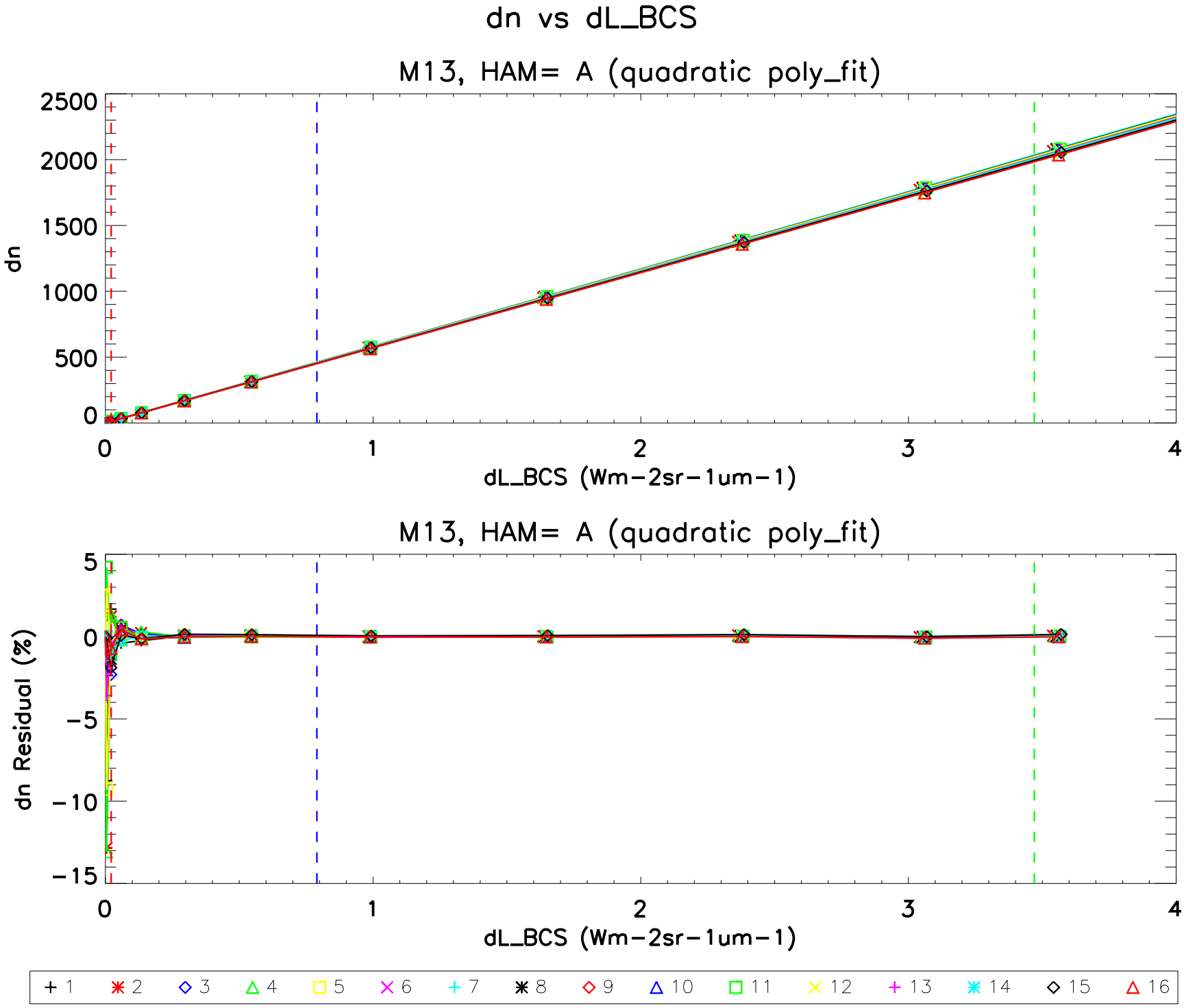

M16B, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

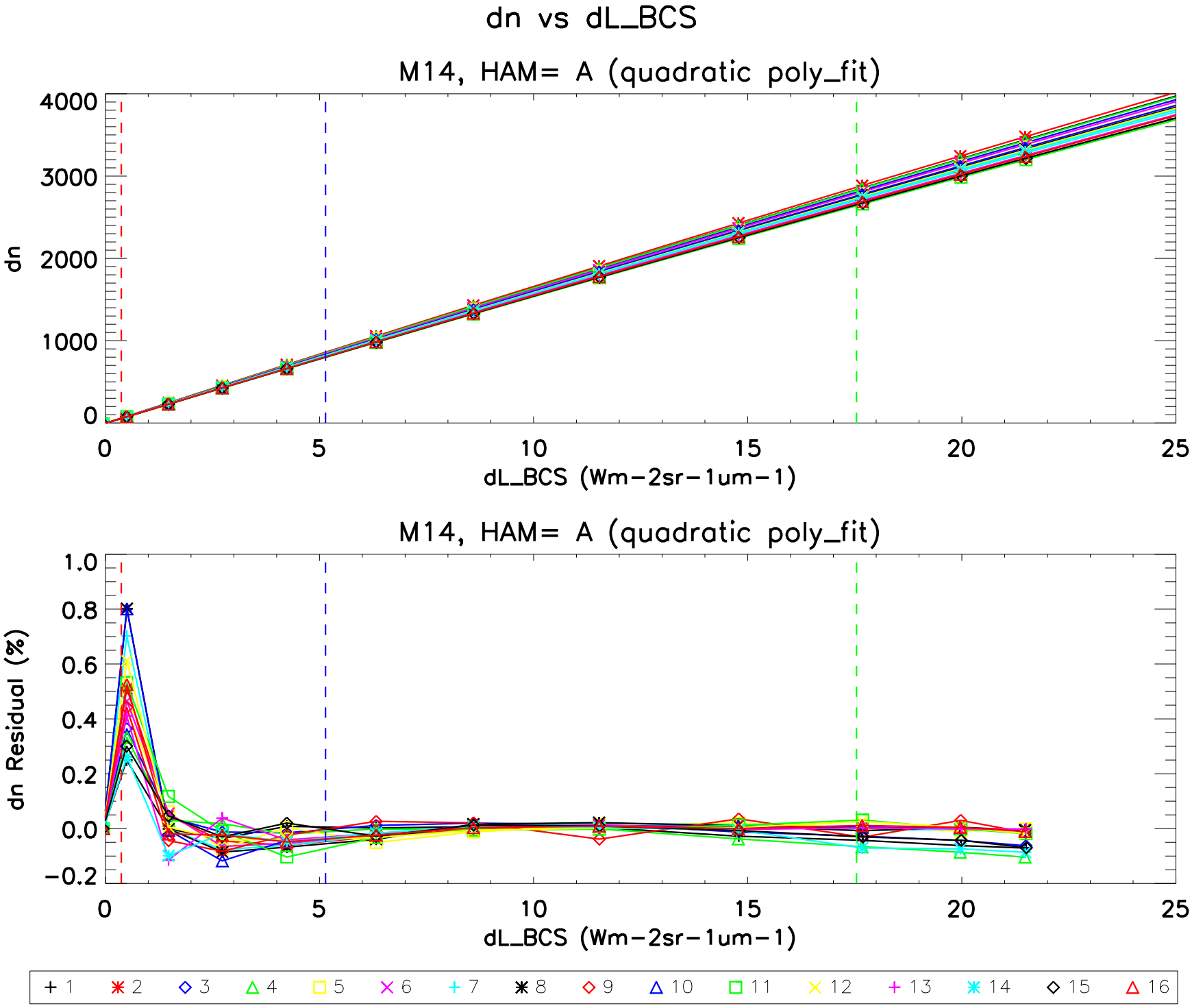

M16, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

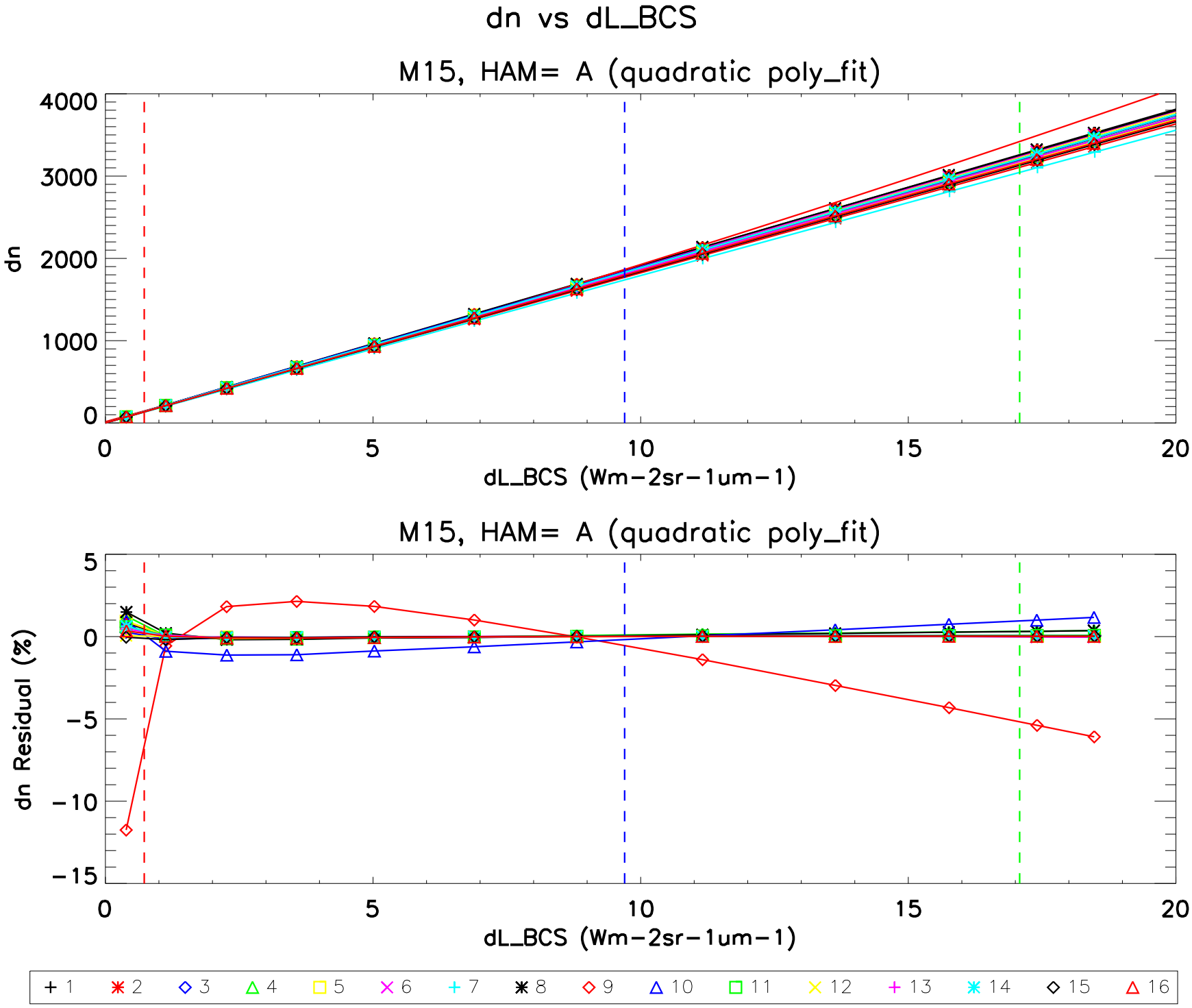

dn vs dL_BCS
I4 SS1, HAM= A (quadratic poly_fit)
dn
3000
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
I4 SS1, HAM= A (quadratic poly_fit)
dn Residual (%)
10
8
6
4
2
0
-2
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

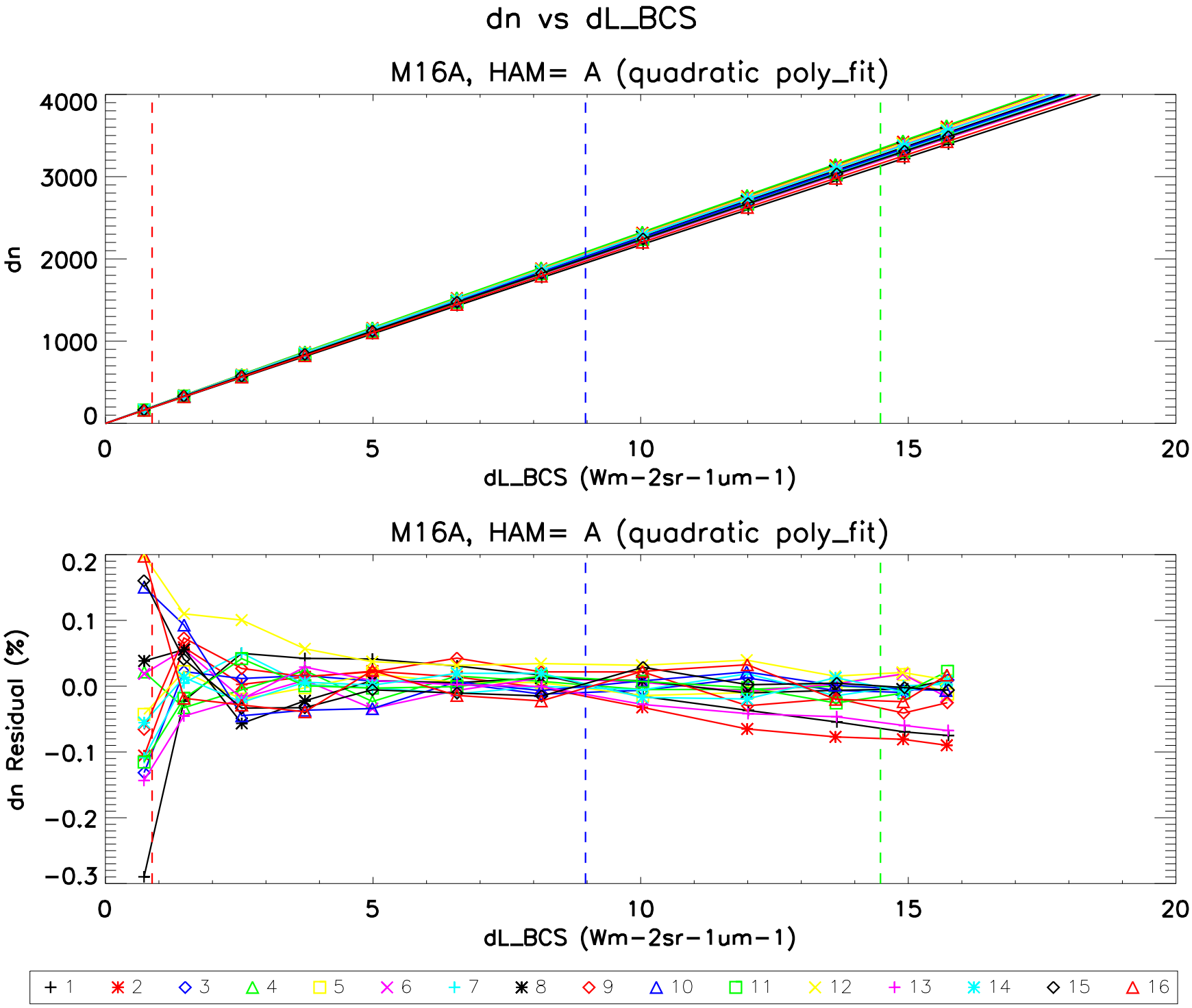

dn vs dL_BCS
I5 SS1, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
I5 SS1, HAM= A (quadratic poly_fit)
dn Residual (%)
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

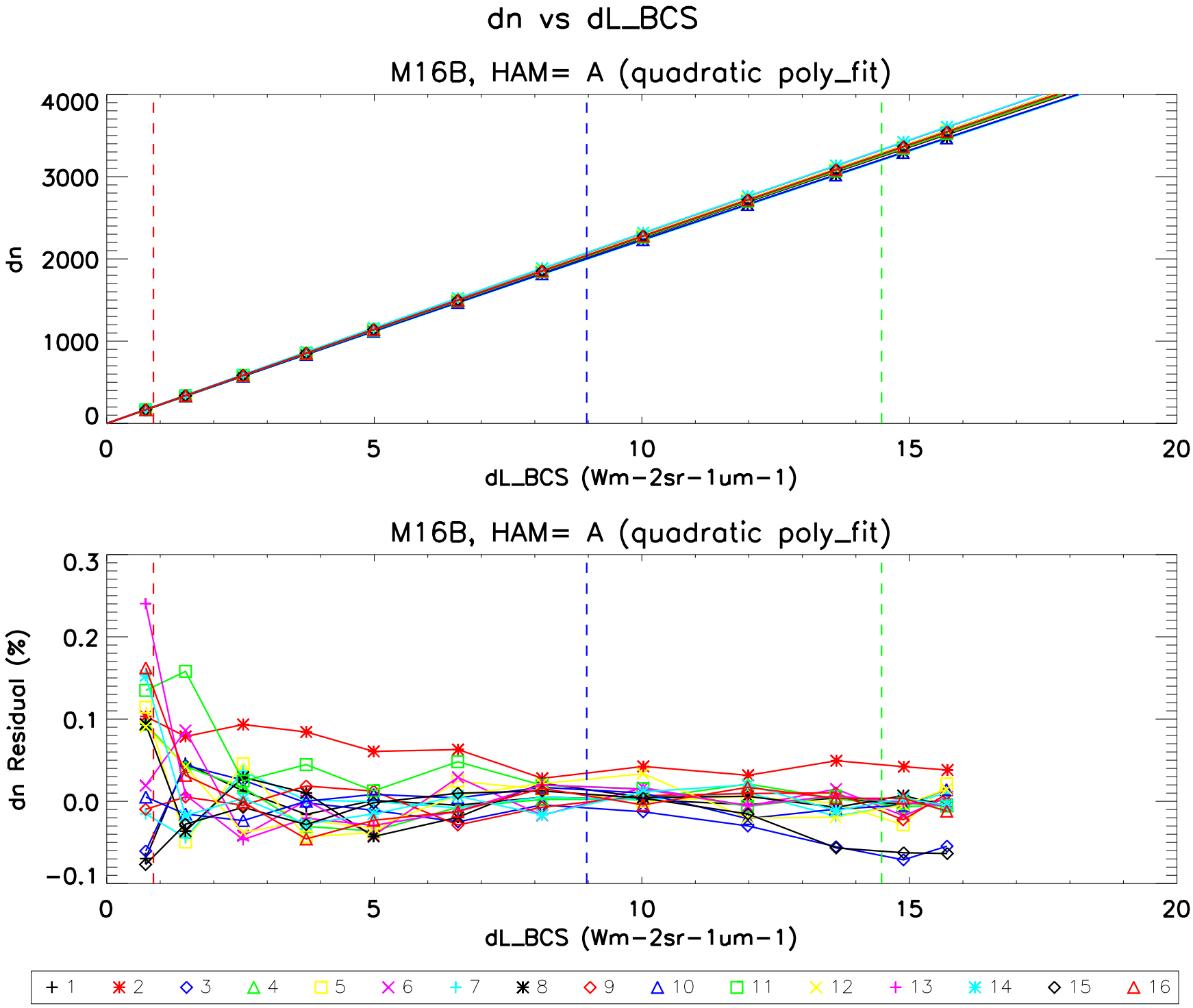

dn vs dL_BCS
M12, HAM= A (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
M12, HAM= A (quadratic poly_fit)
dn Residual (%)
1
0
-1
-2
-3
-4
-5
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

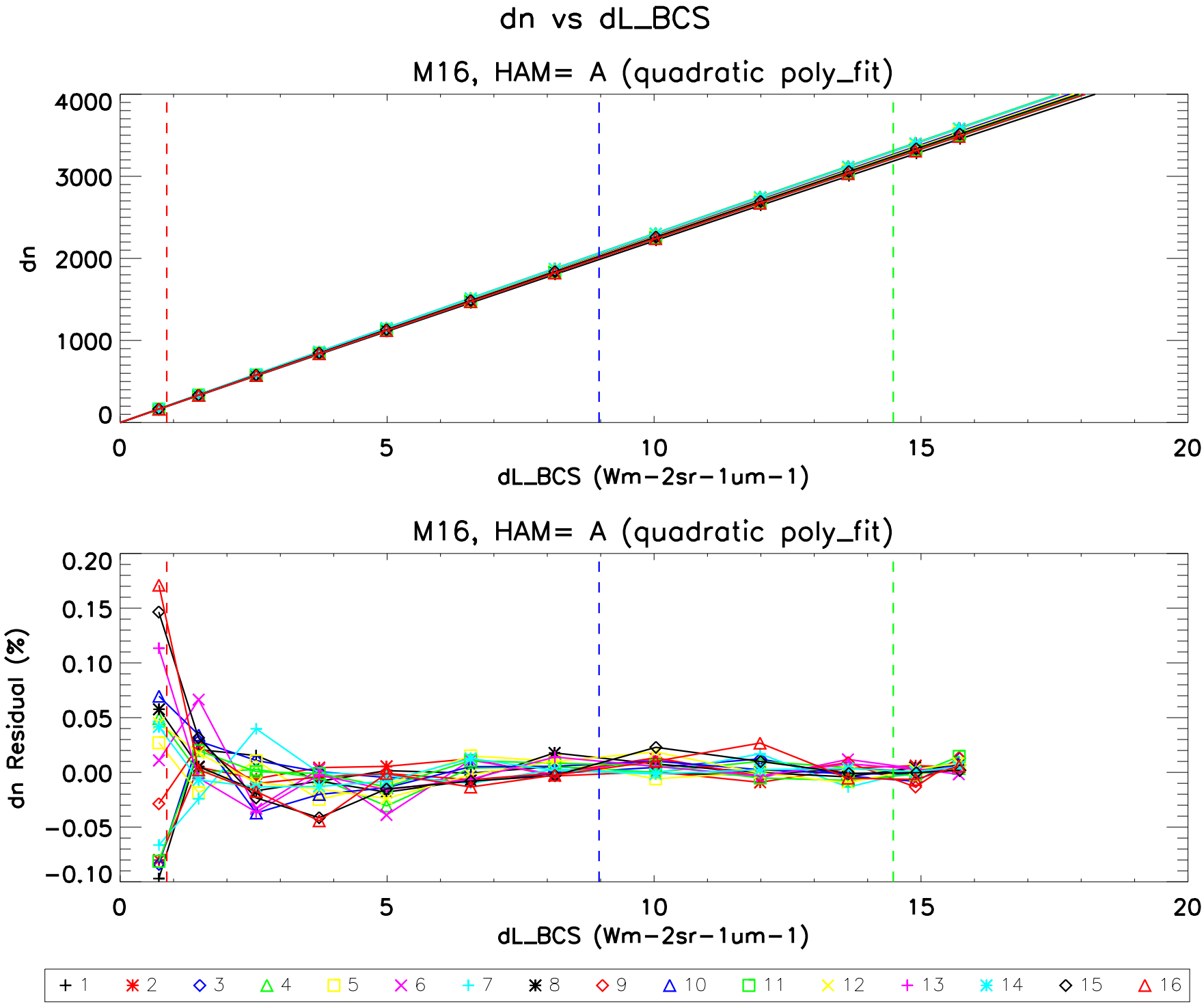

dn vs dL_BCS
M13, HAM= A (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
M13, HAM= A (quadratic poly_fit)
dn Residual (%)
5
0
-5
-10
-15
0
1
2
3
4
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


dn vs dL_BCS
M14, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
M14, HAM= A (quadratic poly_fit)
dn Residual (%)
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

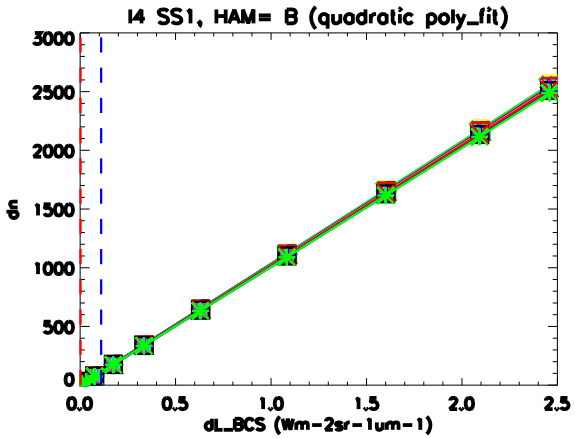

dn vs dL_BCS
M15, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M15, HAM= A (quadratic poly_fit)
dn Residual (%)
5
0
-5
-10
-15
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

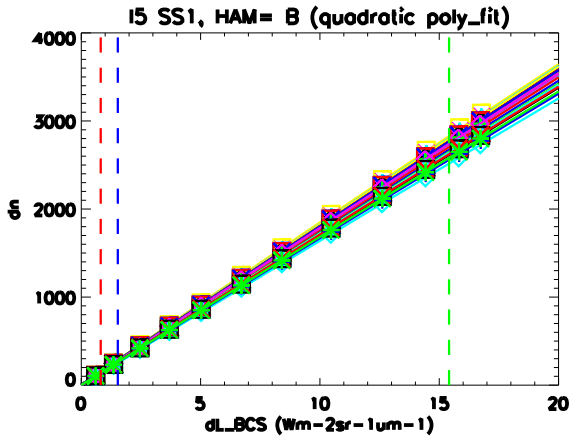

dn vs dL_BCS
M16A, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16A, HAM= A (quadratic poly_fit)
dn Residual (%)
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

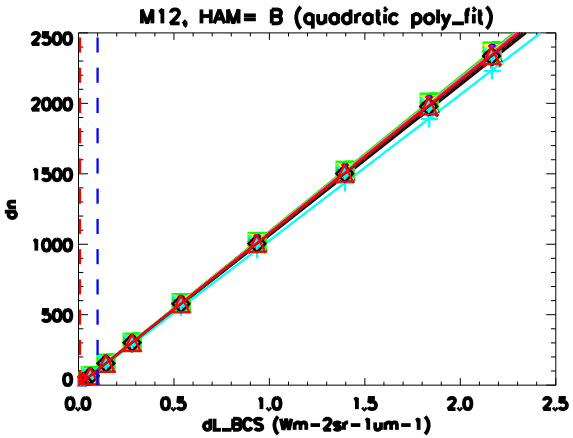

dn vs dL_BCS
M16B, HAM= A (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)
M16B, HAM= A (quadratic poly_fit)
dn Residual (%)
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

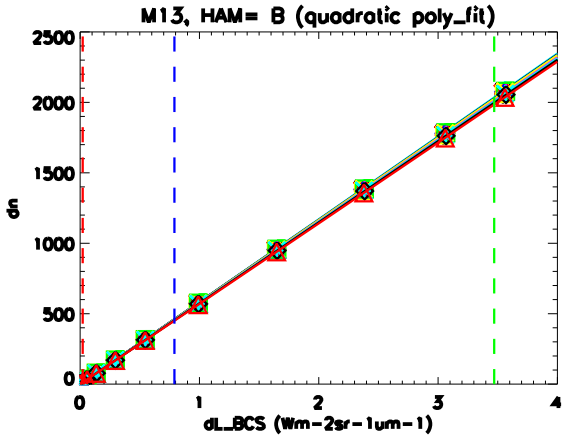

dn vs dL_BCS
M16, HAM= A (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16, HAM= A (quadratic poly_fit)
dn Residual (%)
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

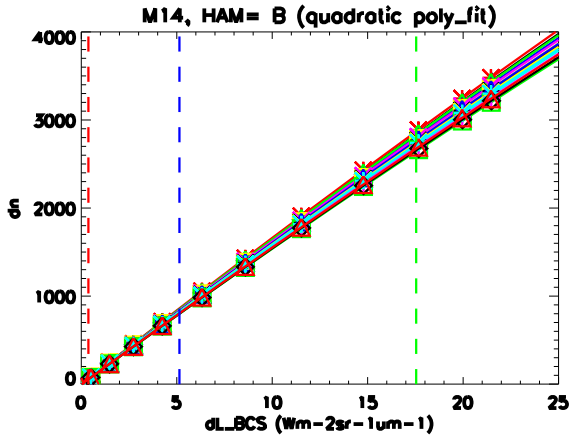
dn vs dL_BCS

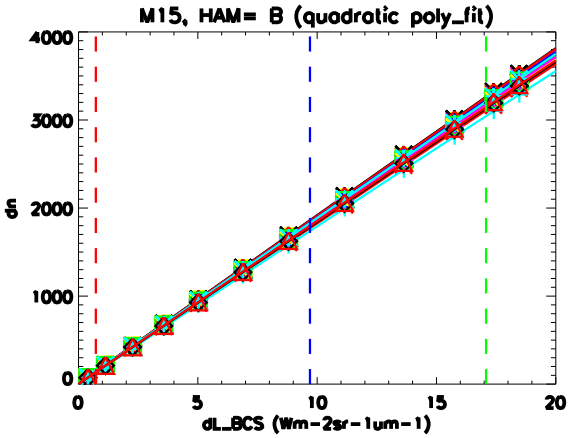

I4 SS1, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

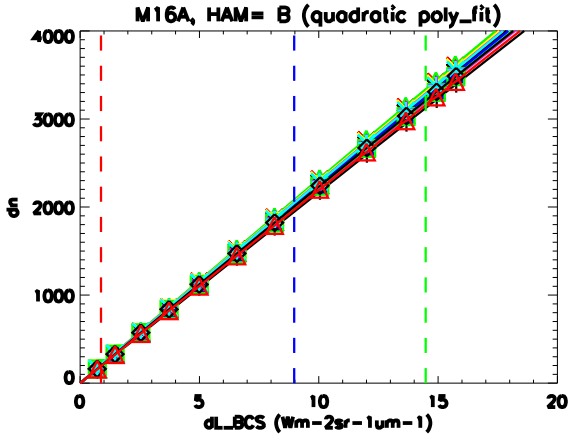

I5 SS1, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

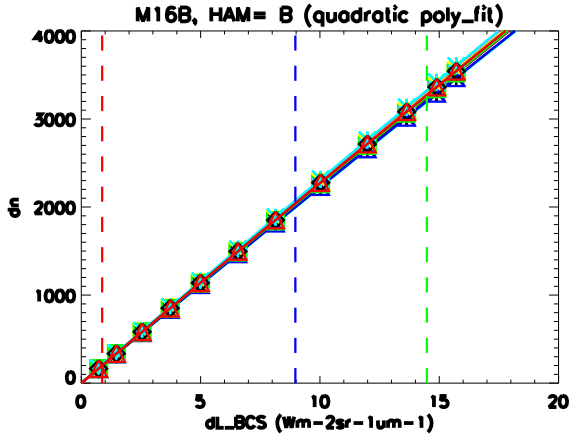

M12, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

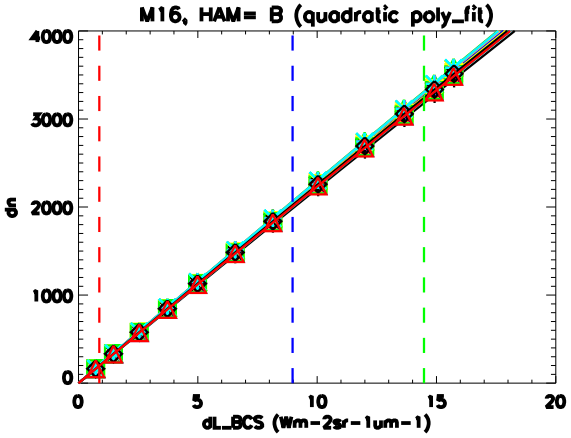

M13, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

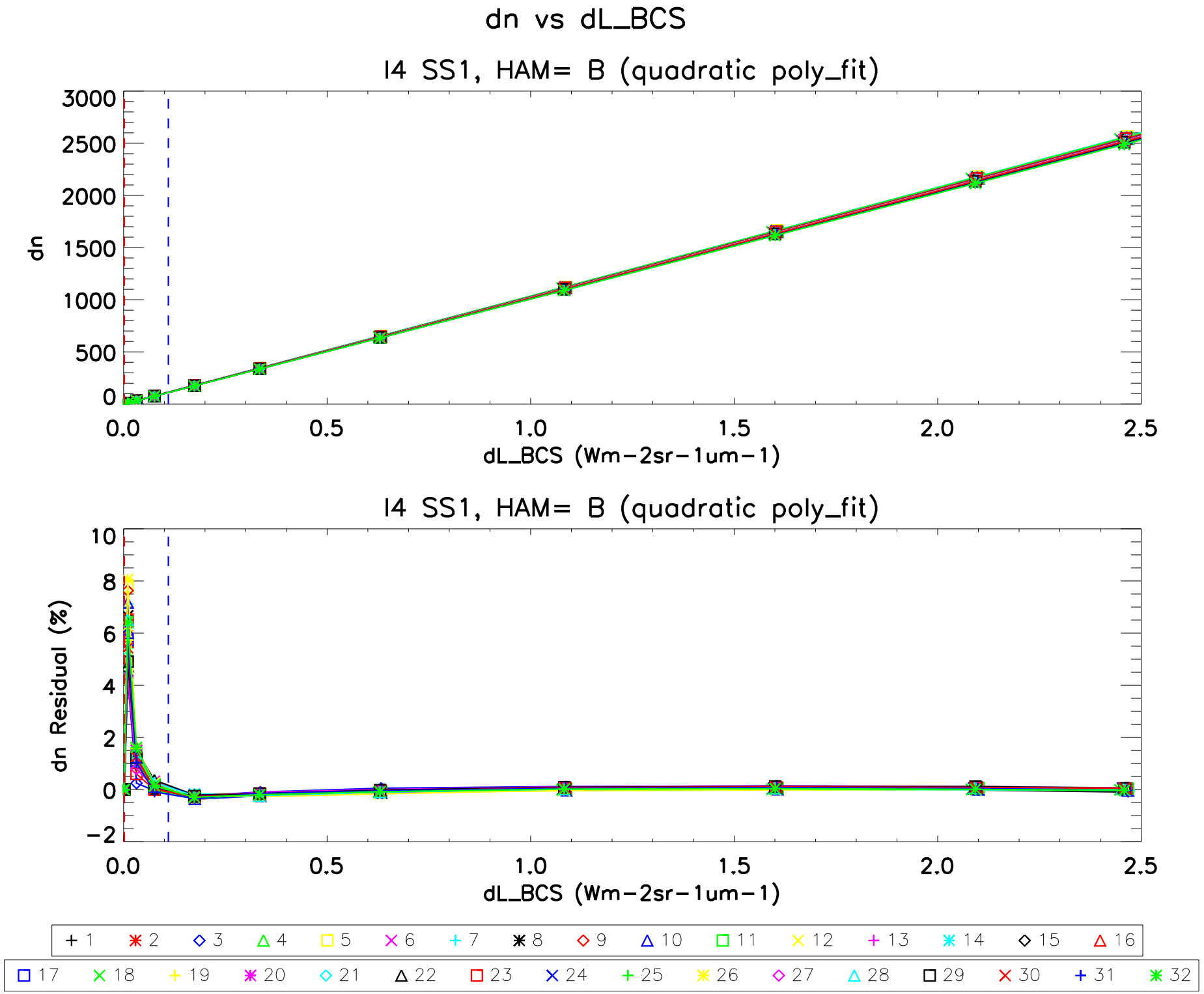

M14, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

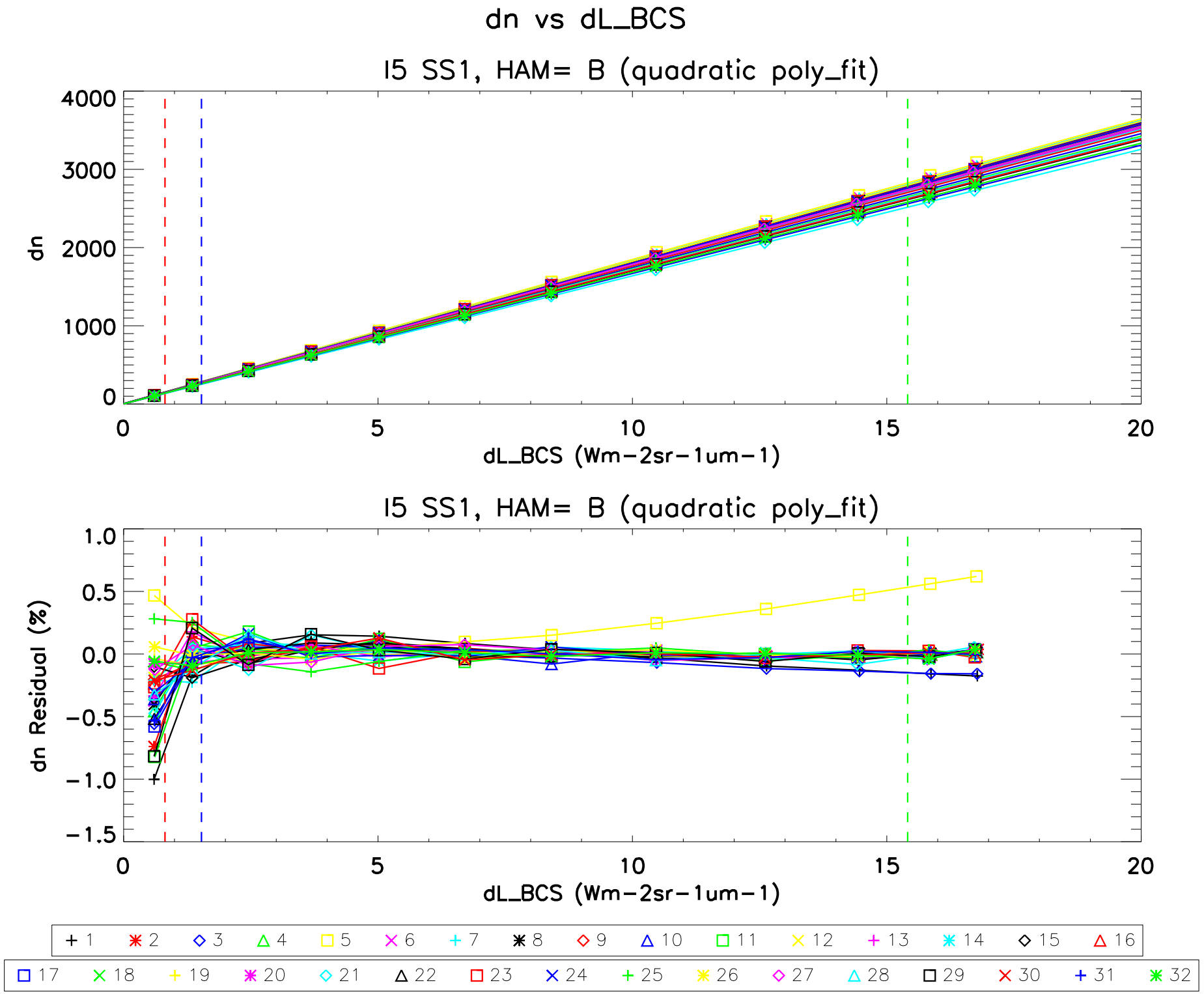

M15, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

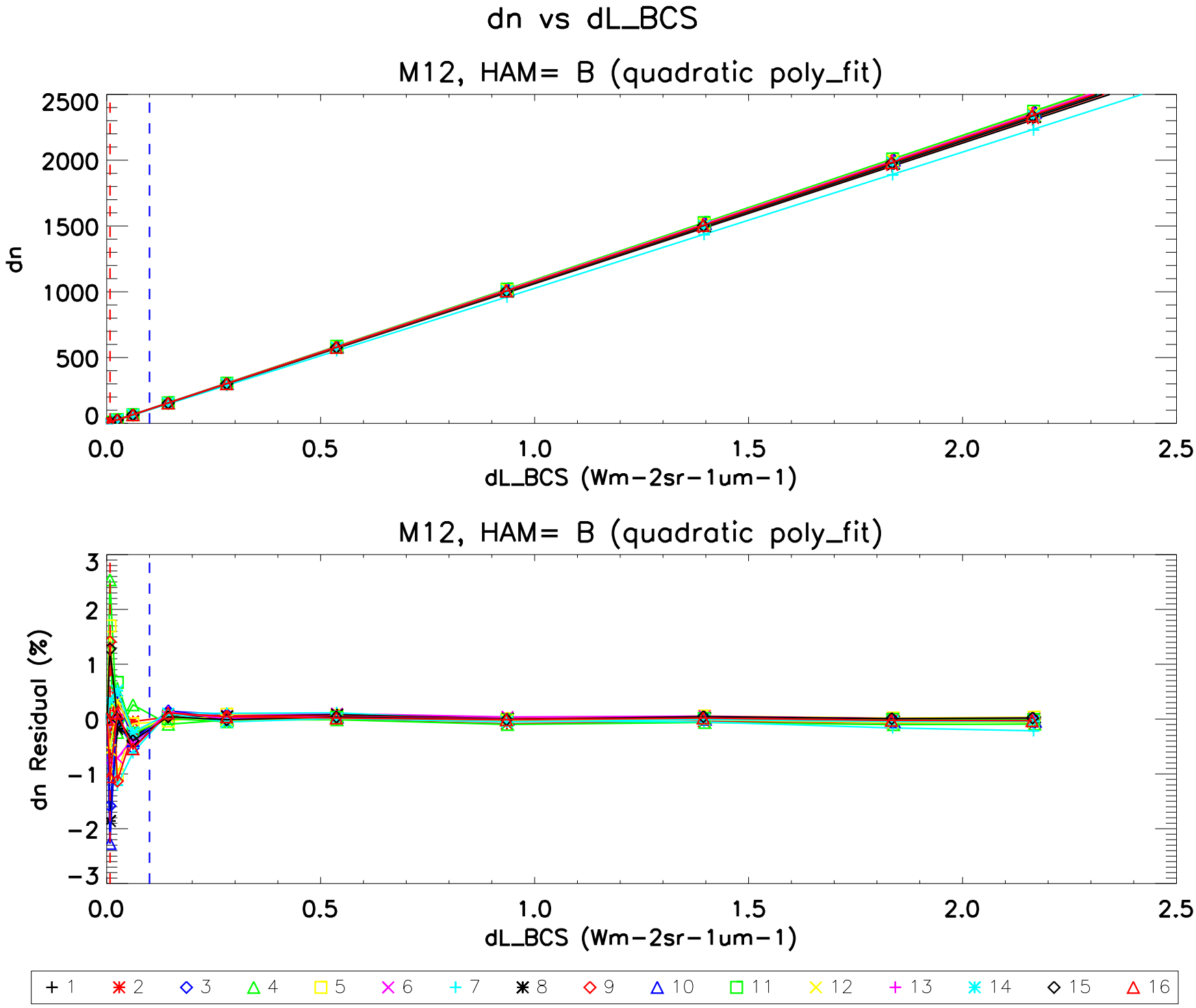

M16A, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

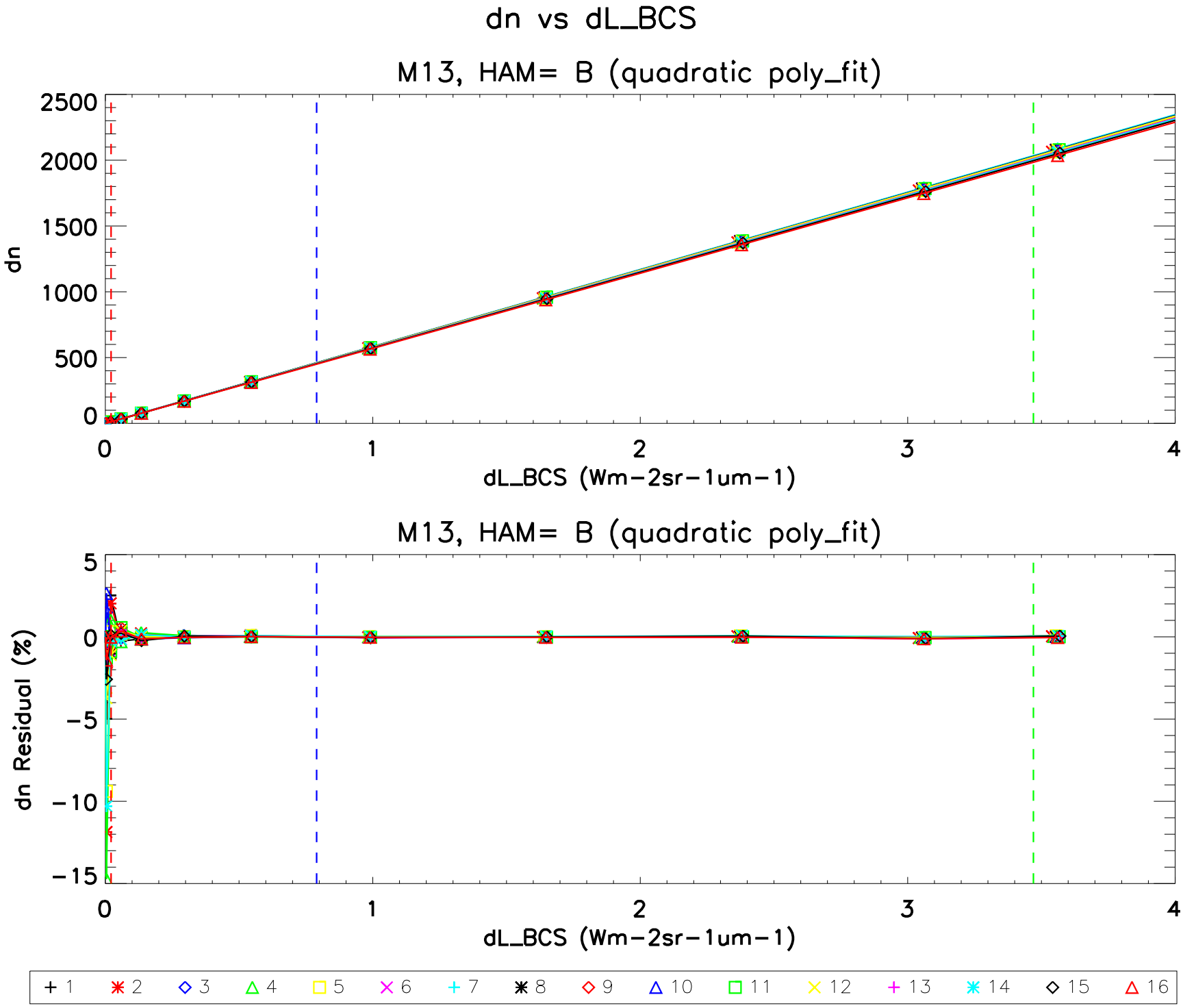

M16B, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

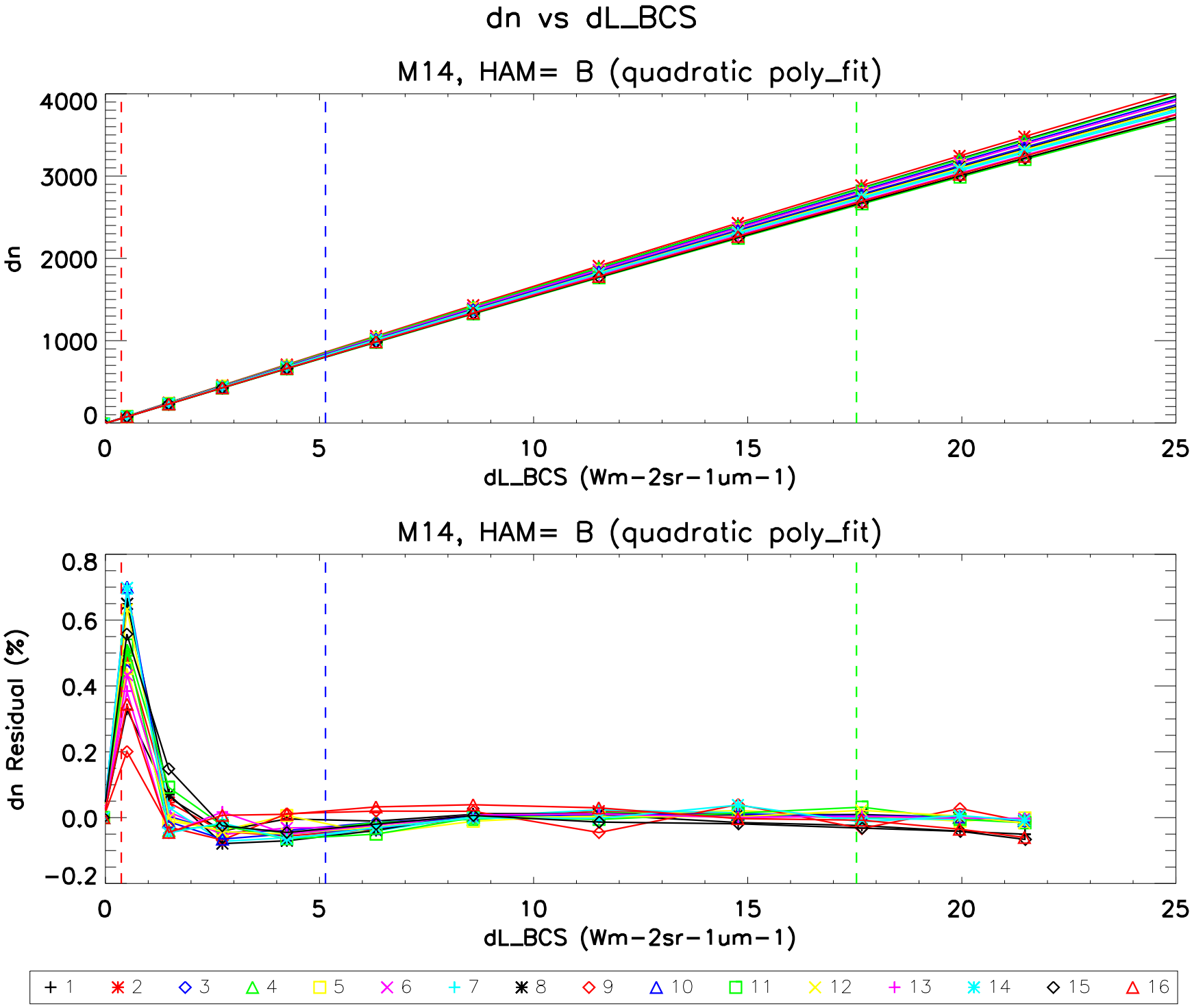

M16, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)

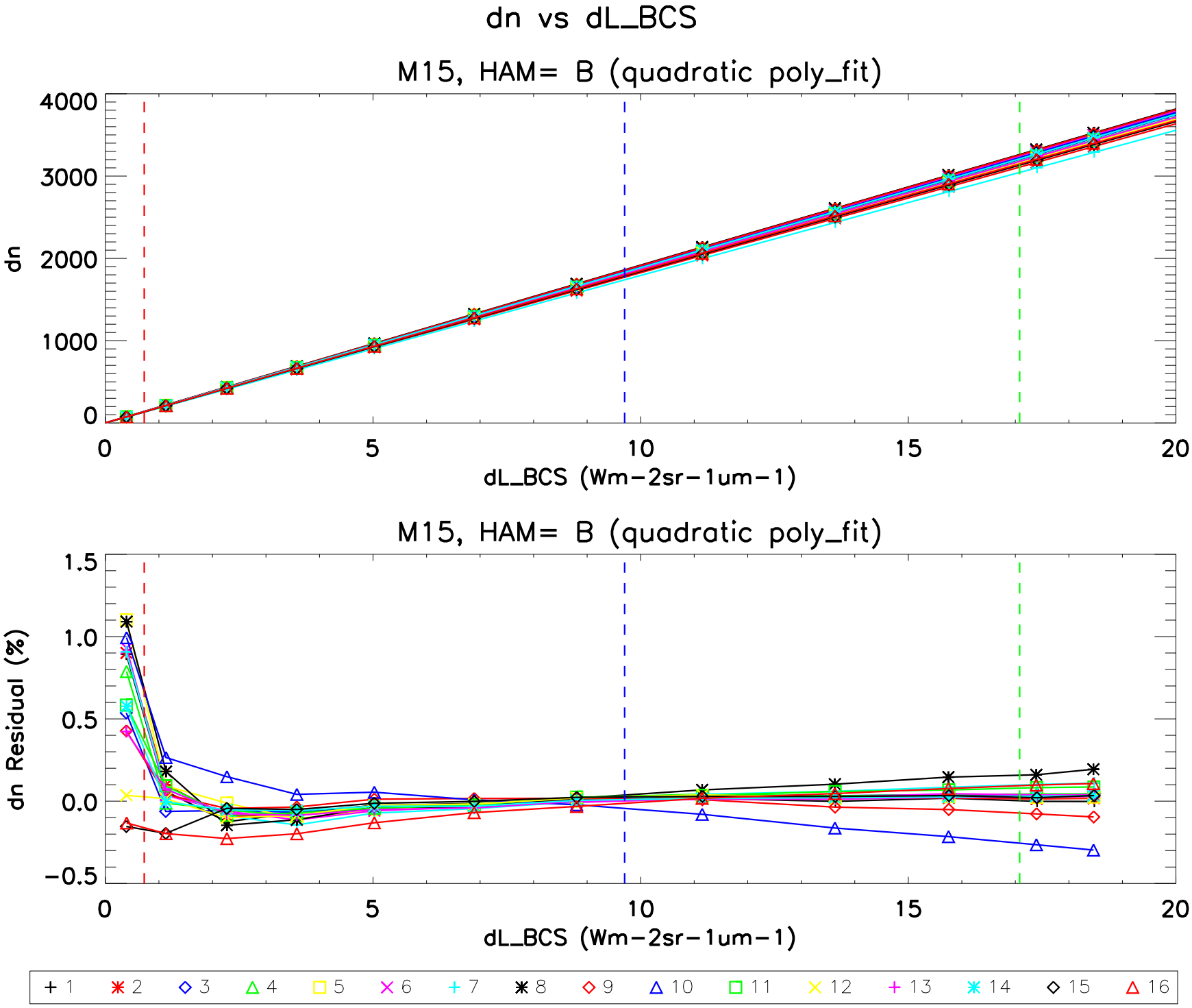

dn vs dL_BCS
I4 SS1, HAM= B (quadratic poly_fit)
dn
3000
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
I4 SS1, HAM= B (quadratic poly_fit)
dn Residual (%)
10
8
6
4
2
0
-2
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

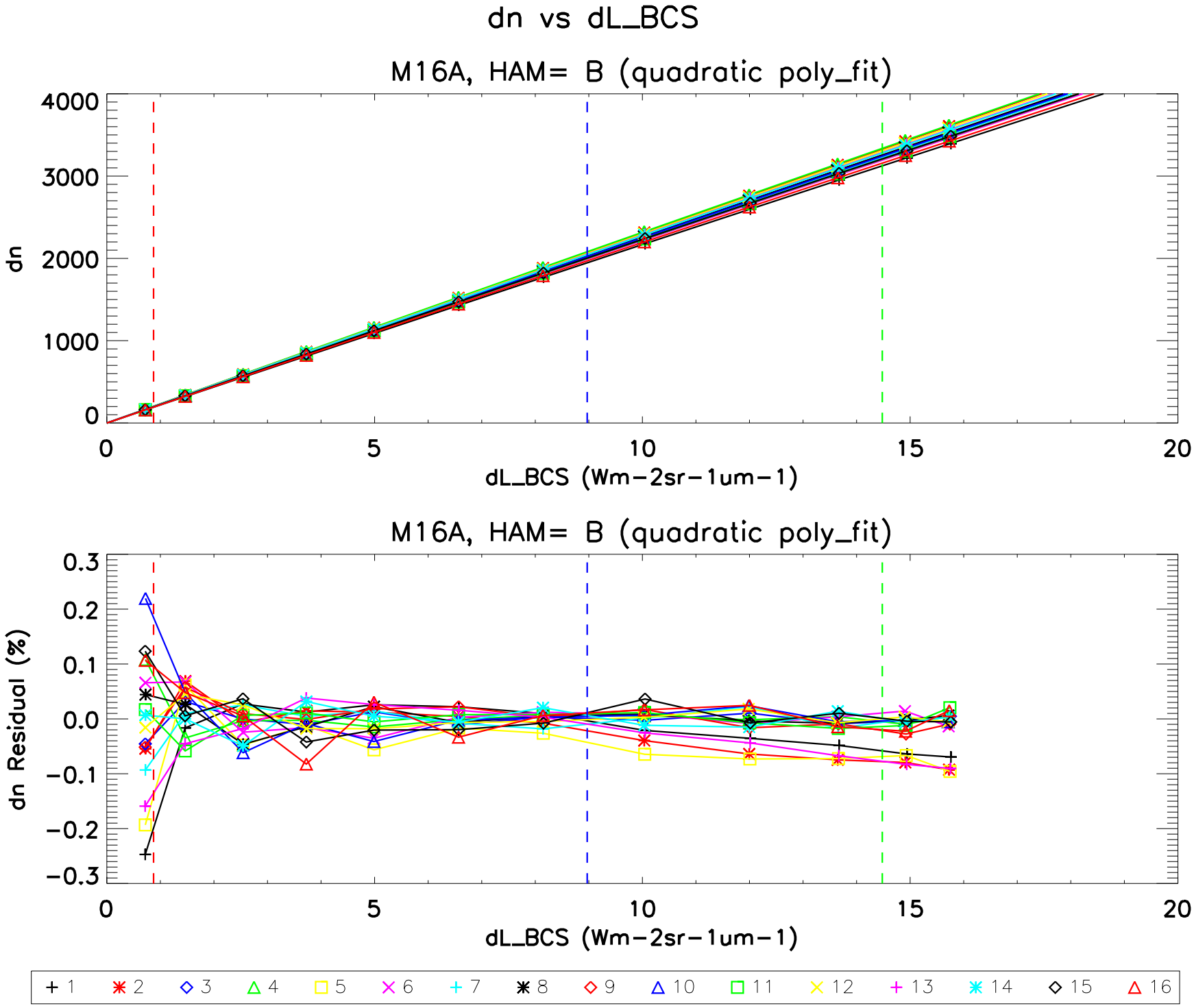

dn vs dL_BCS
I5 SS1, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
I5 SS1, HAM= B (quadratic poly_fit)
dn Residual (%)
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

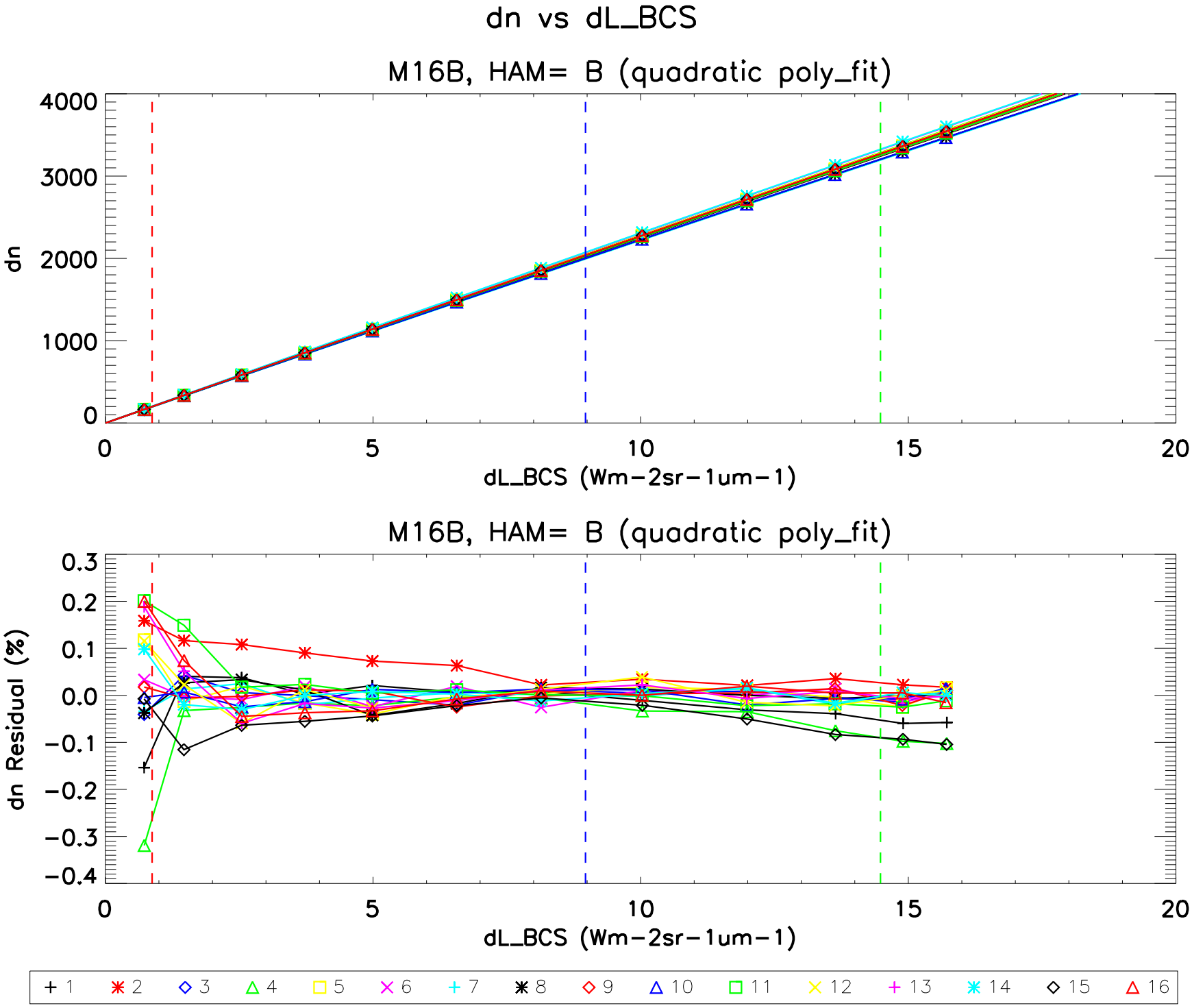

dn vs dL_BCS
M12, HAM= B (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
M12, HAM= B (quadratic poly_fit)
dn Residual (%)
3
2
1
0
-1
-2
-3
0.0
0.5
1.0
1.5
2.0
2.5
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

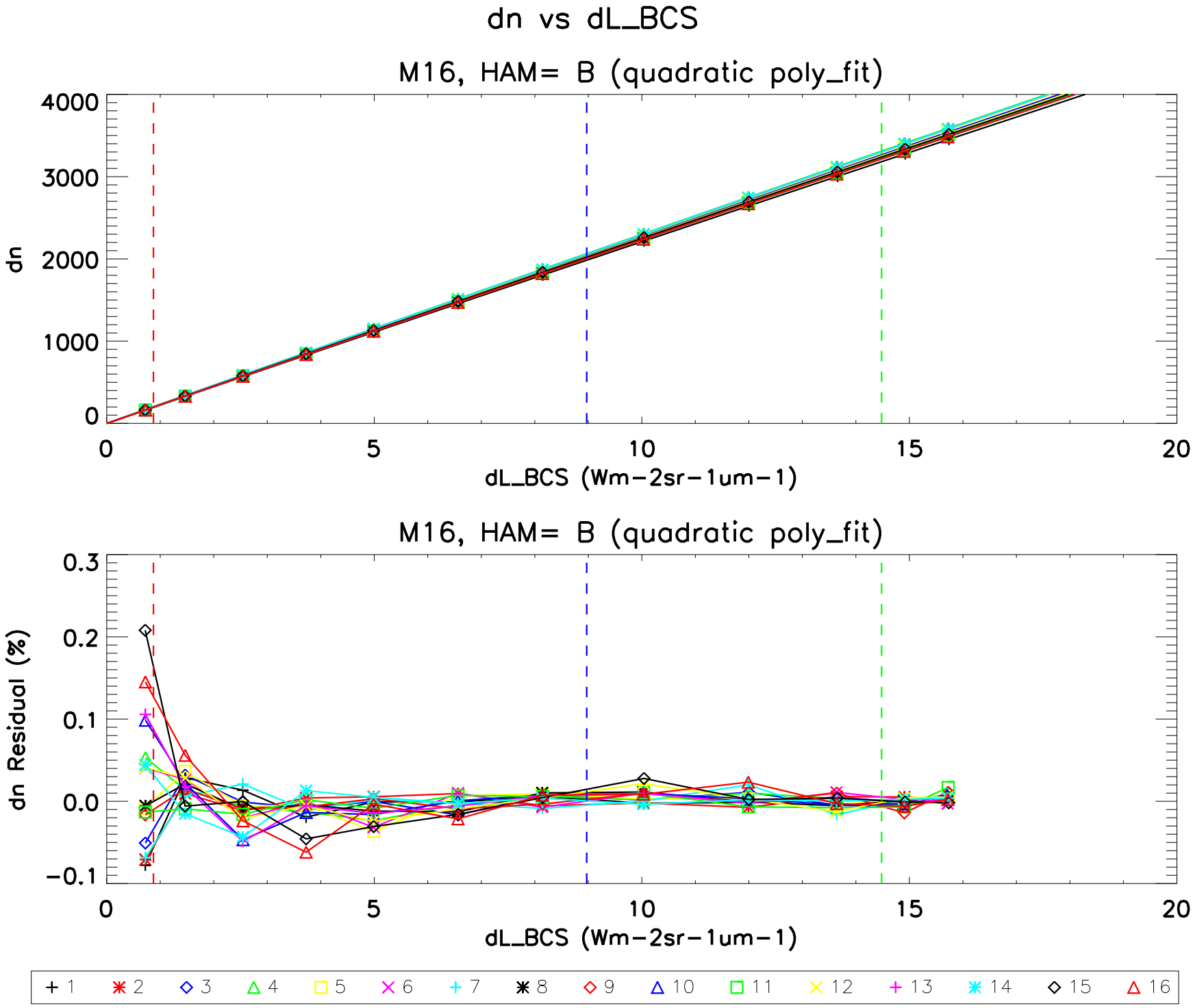

dn vs dL_BCS
M13, HAM= B (quadratic poly_fit)
dn
2500
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
M13, HAM= B (quadratic poly_fit)
dn Residual (%)
5
0
−5
−10
−15
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


dn vs dL_BCS
M14, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
M14, HAM= B (quadratic poly_fit)
dn Residual (%)
0.8
0.6
0.4
0.2
0.0
-0.2
0
5
10
15
20
25
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


dn vs dL_BCS
M15, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M15, HAM= B (quadratic poly_fit)
dn Residual (%)
1.5
1.0
0.5
0.0
-0.5
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


dn vs dL_BCS
M16A, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16A, HAM= B (quadratic poly_fit)
dn Residual (%)
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


dn vs dL_BCS
M16B, HAM= B (quadratic poly_fit)
dn
dL_BCS (Wm-2sr-1um-1)
M16B, HAM= B (quadratic poly_fit)
dn Residual (%)
dL_BCS (Wm-2sr-1um-1)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


dn vs dL_BCS
M16, HAM= B (quadratic poly_fit)
dn
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
M16, HAM= B (quadratic poly_fit)
dn Residual (%)
0.3
0.2
0.1
0.0
-0.1
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16