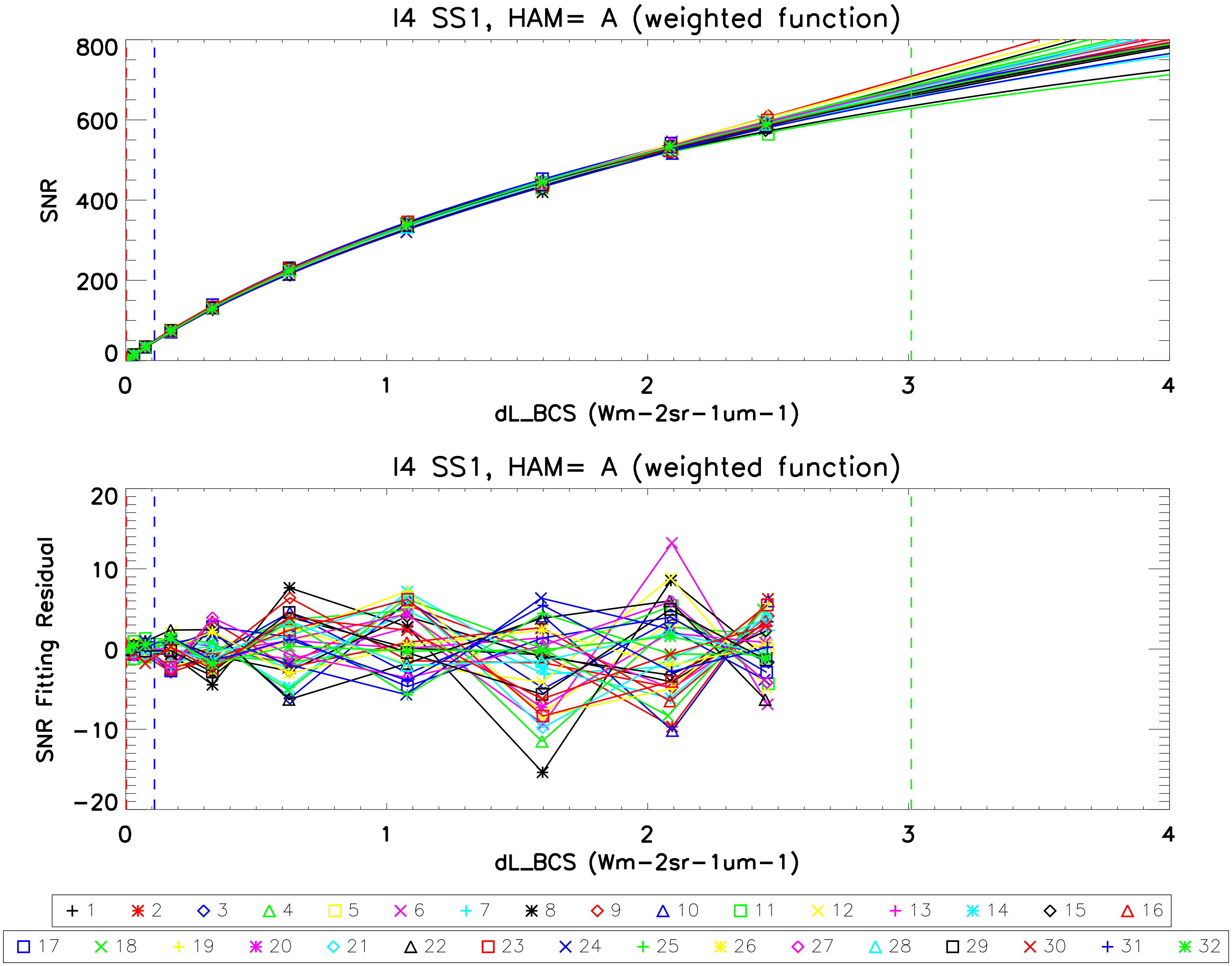
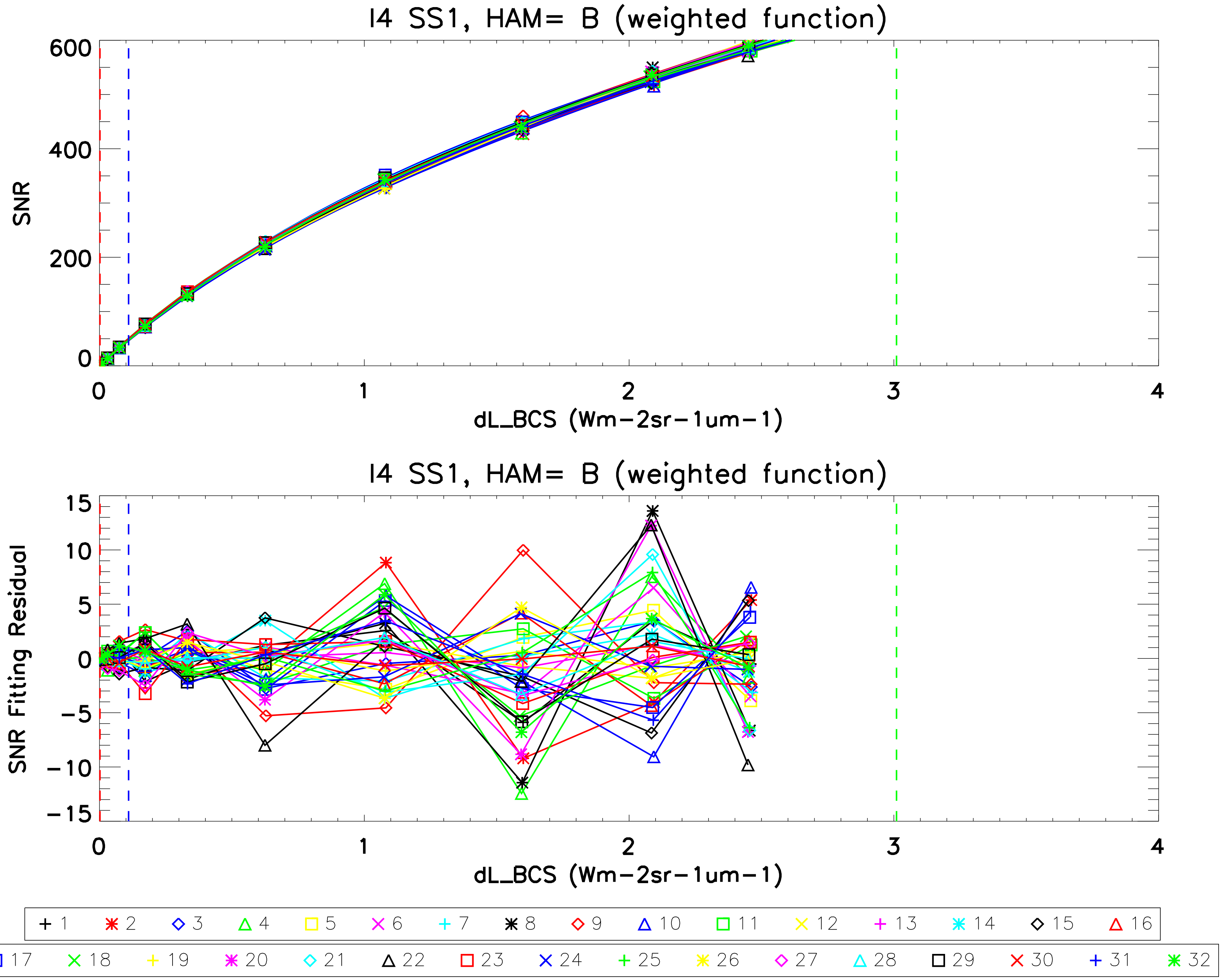
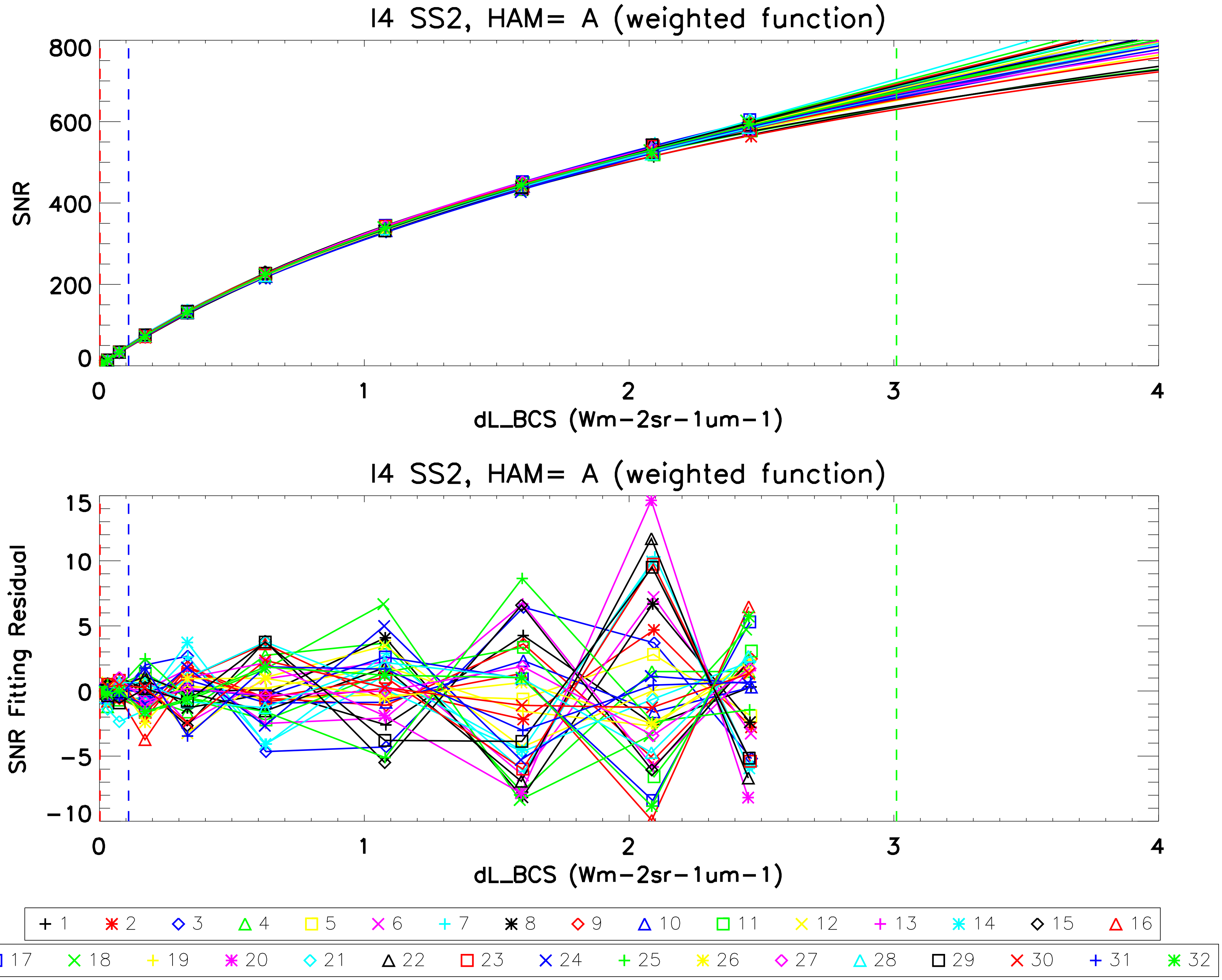
I4 SS1: SNR vs dL_BCS (powell)



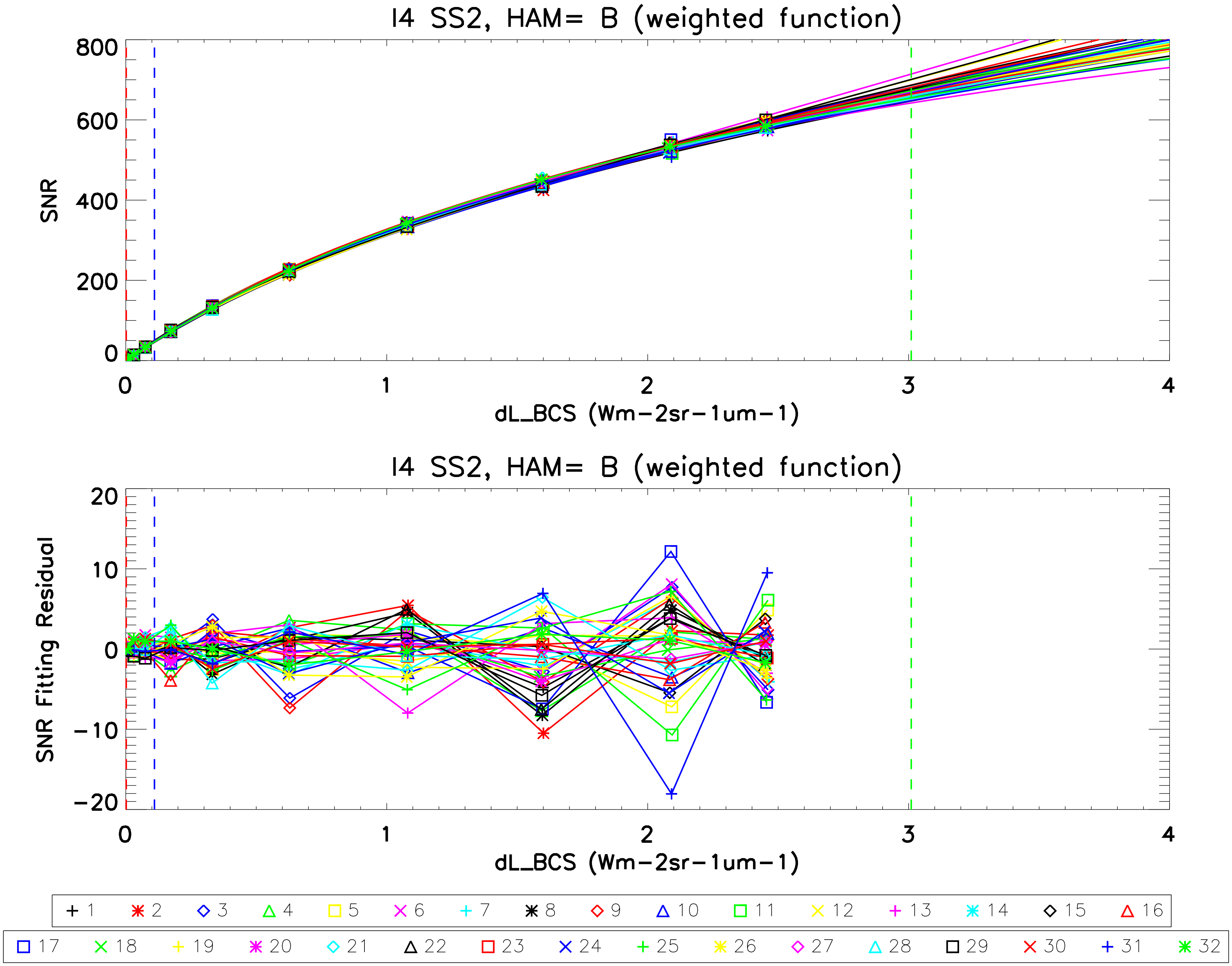
I4 SS1: SNR vs dL_BCS (powell)

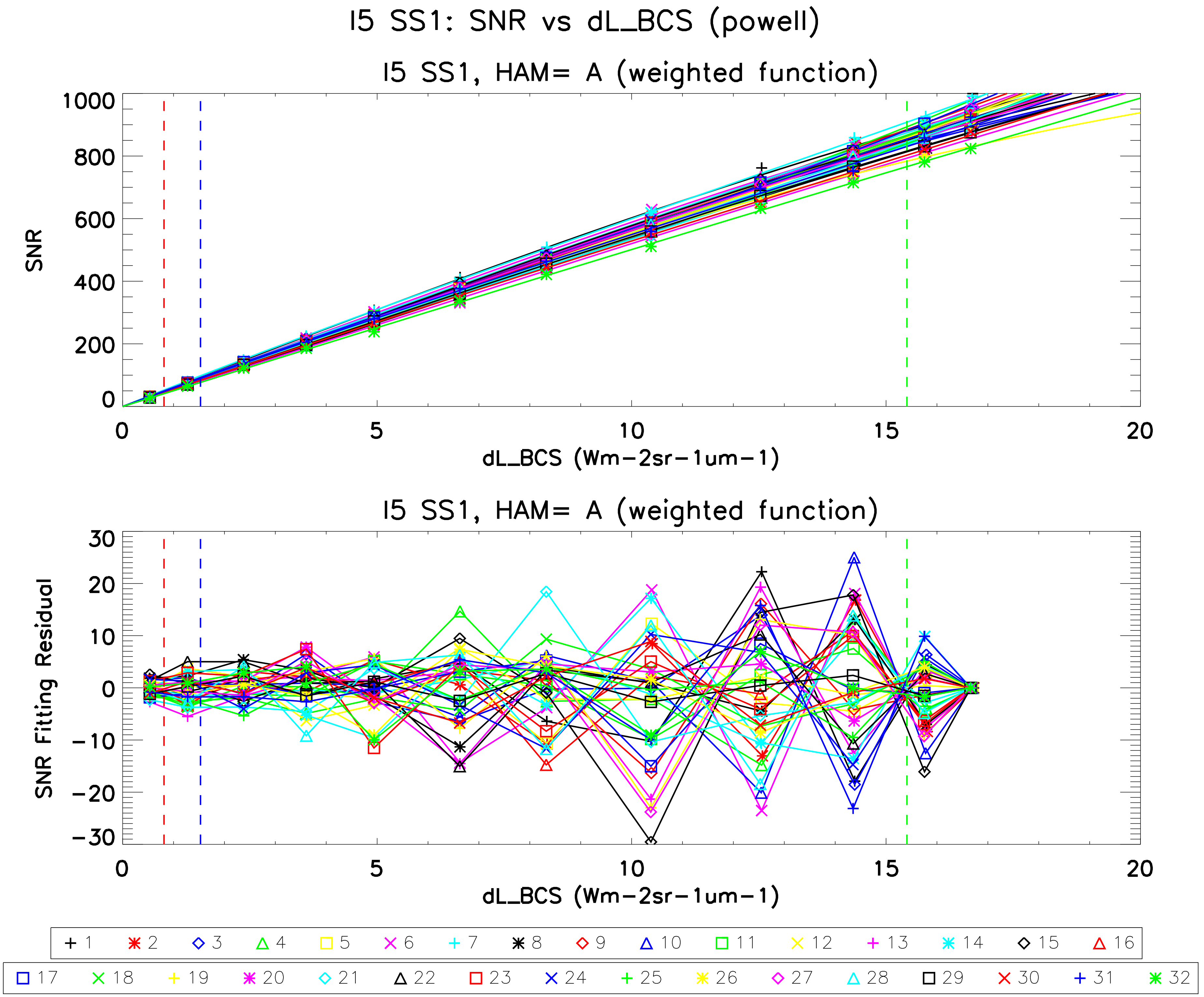


I4 SS2: SNR vs dL_BCS (powell)

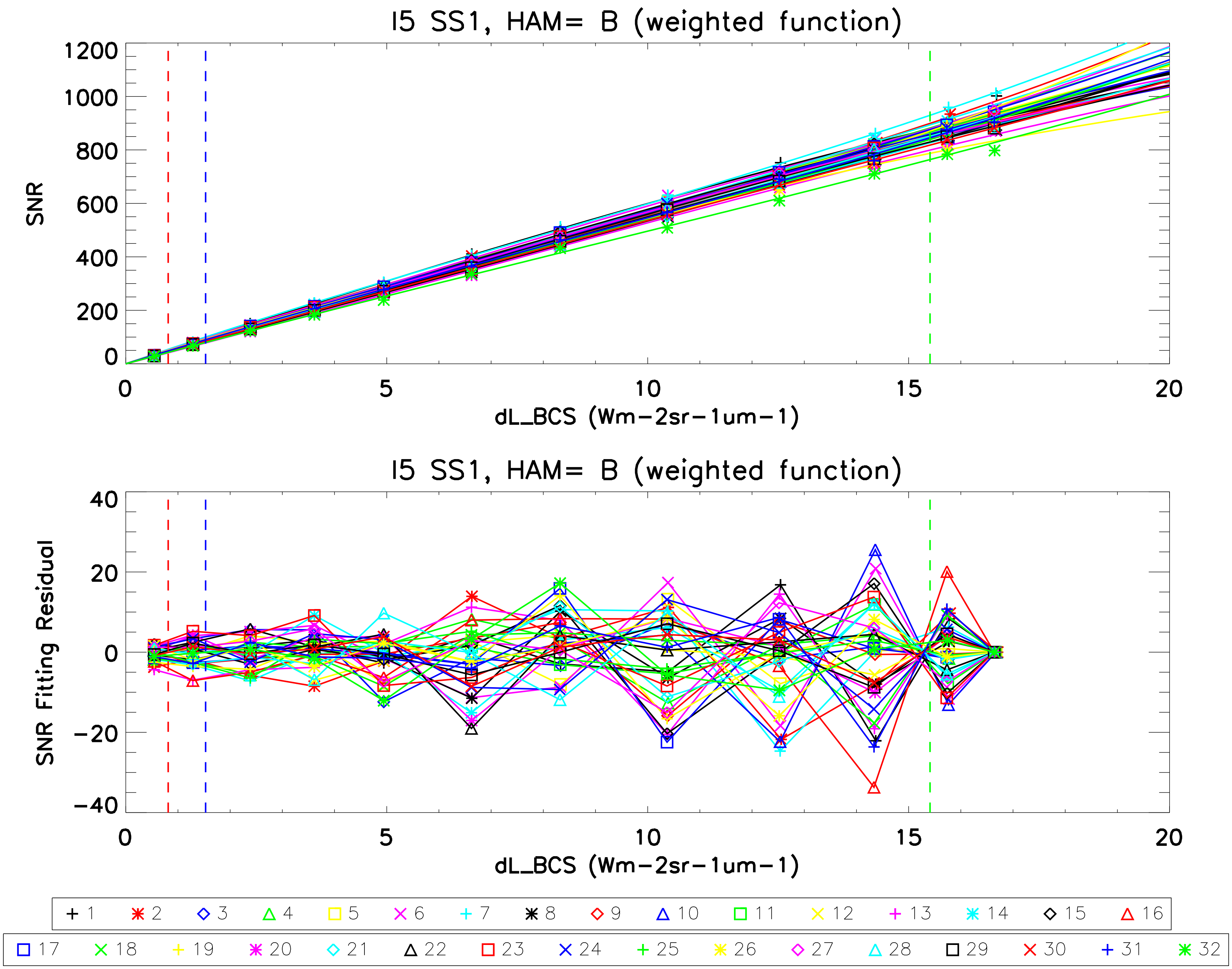


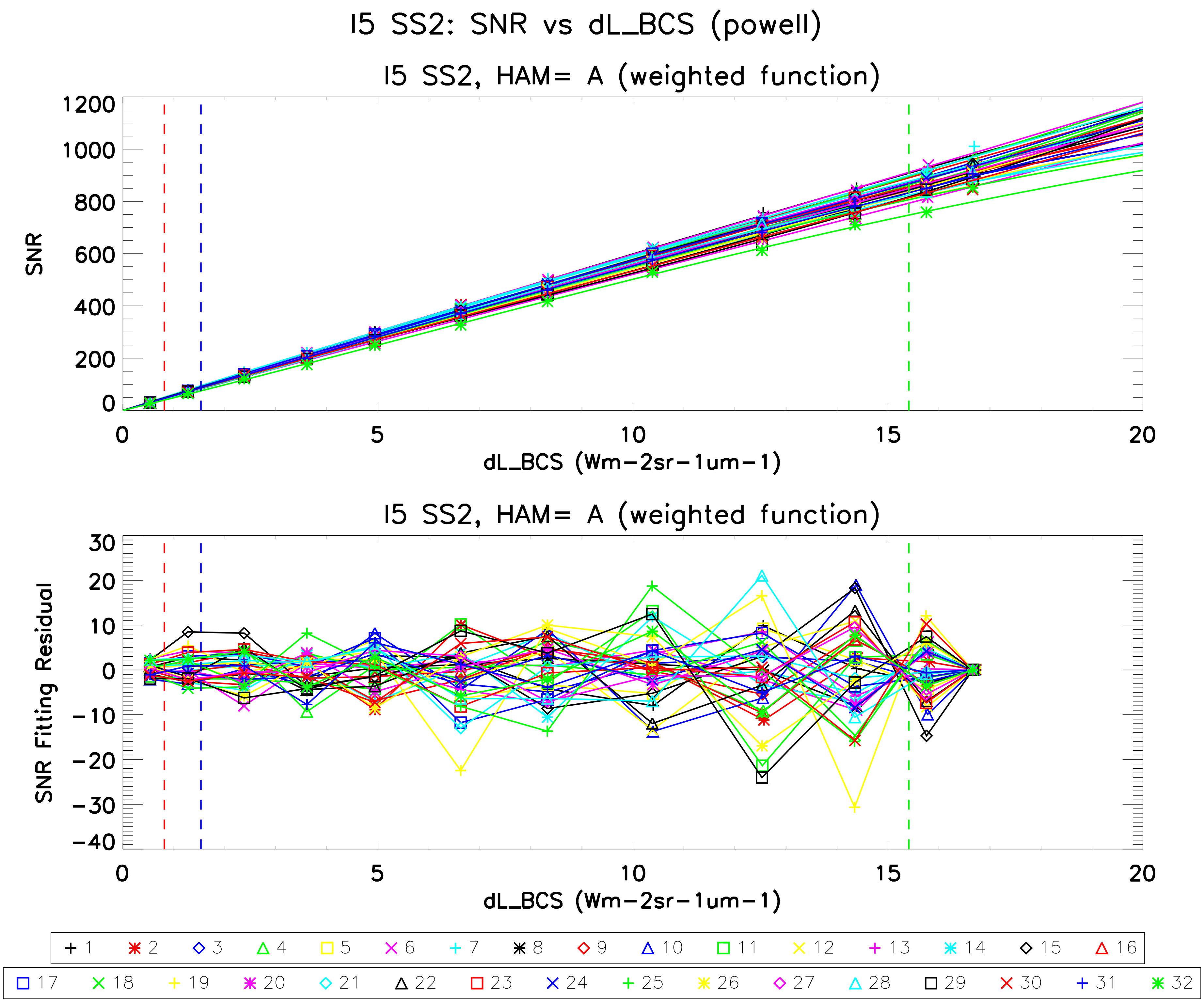
I4 SS2: SNR vs dL_BCS (powell)

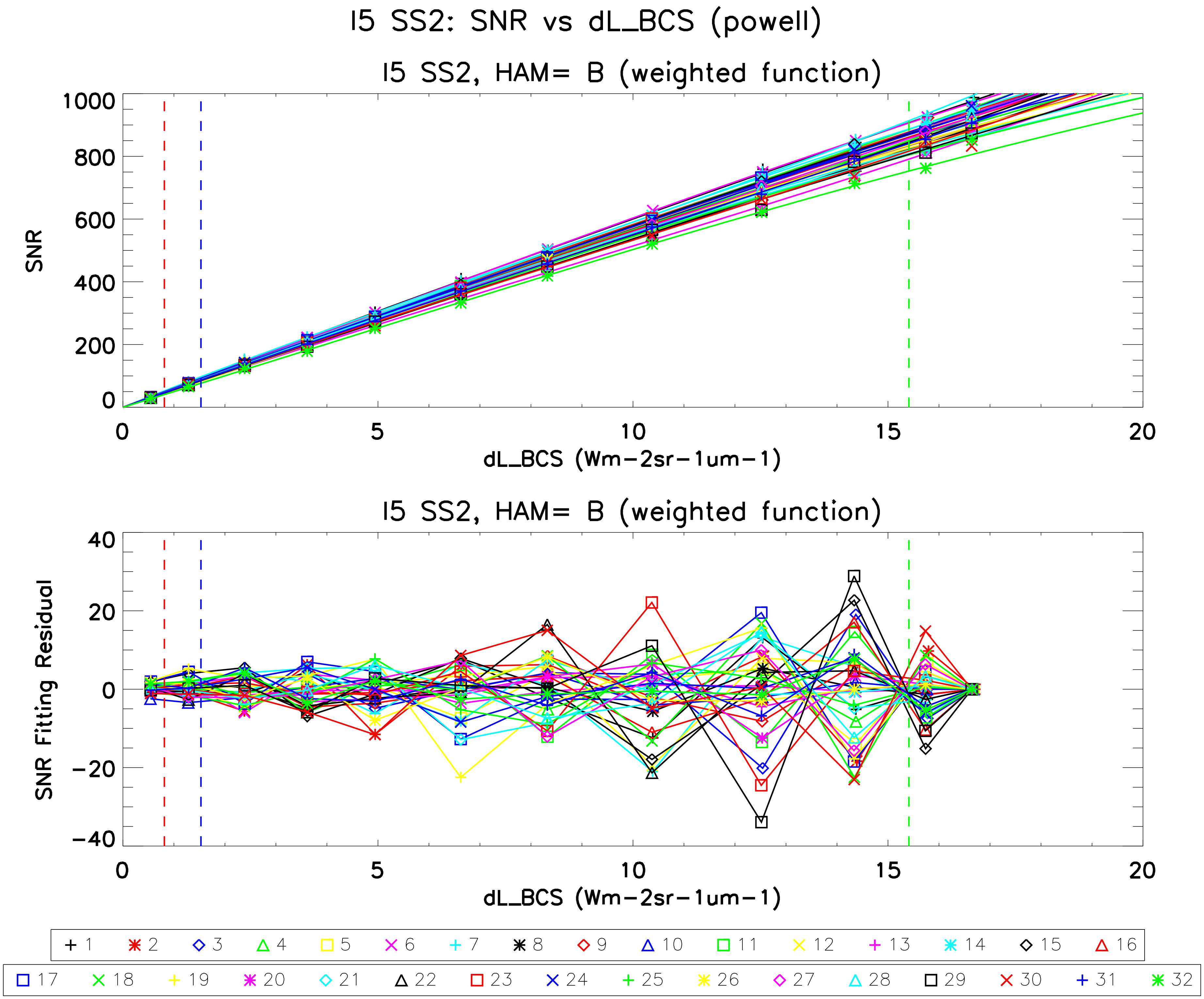


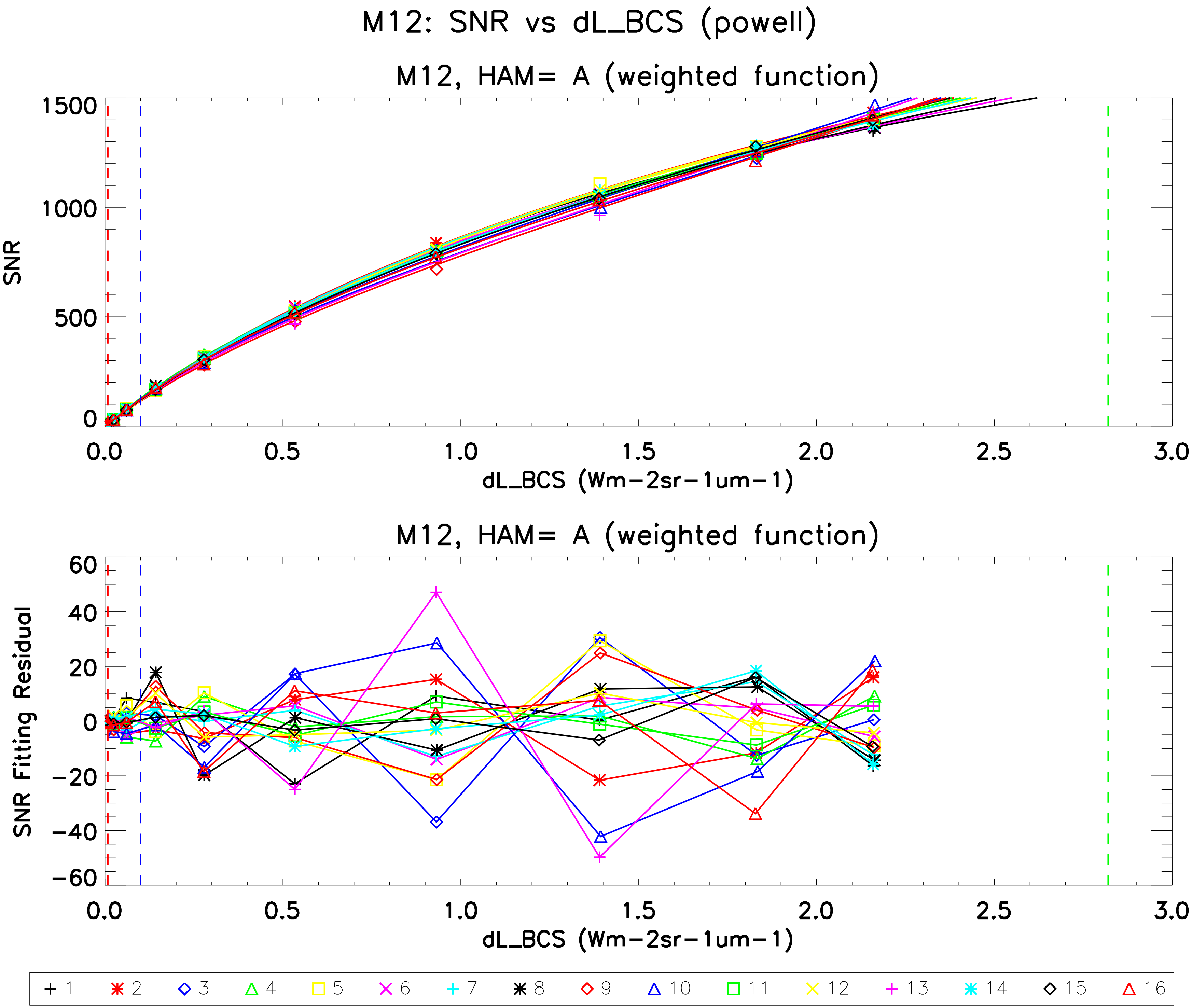

I5 SS1: SNR vs dL_BCS (powell)
I5 SS1, HAM= A (weighted function)
SNR
1000
800
600
400
200
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
I5 SS1, HAM= A (weighted function)
SNR Fitting Residual
30
20
10
0
−10
−20
−30
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✳ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✳ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✳ 32

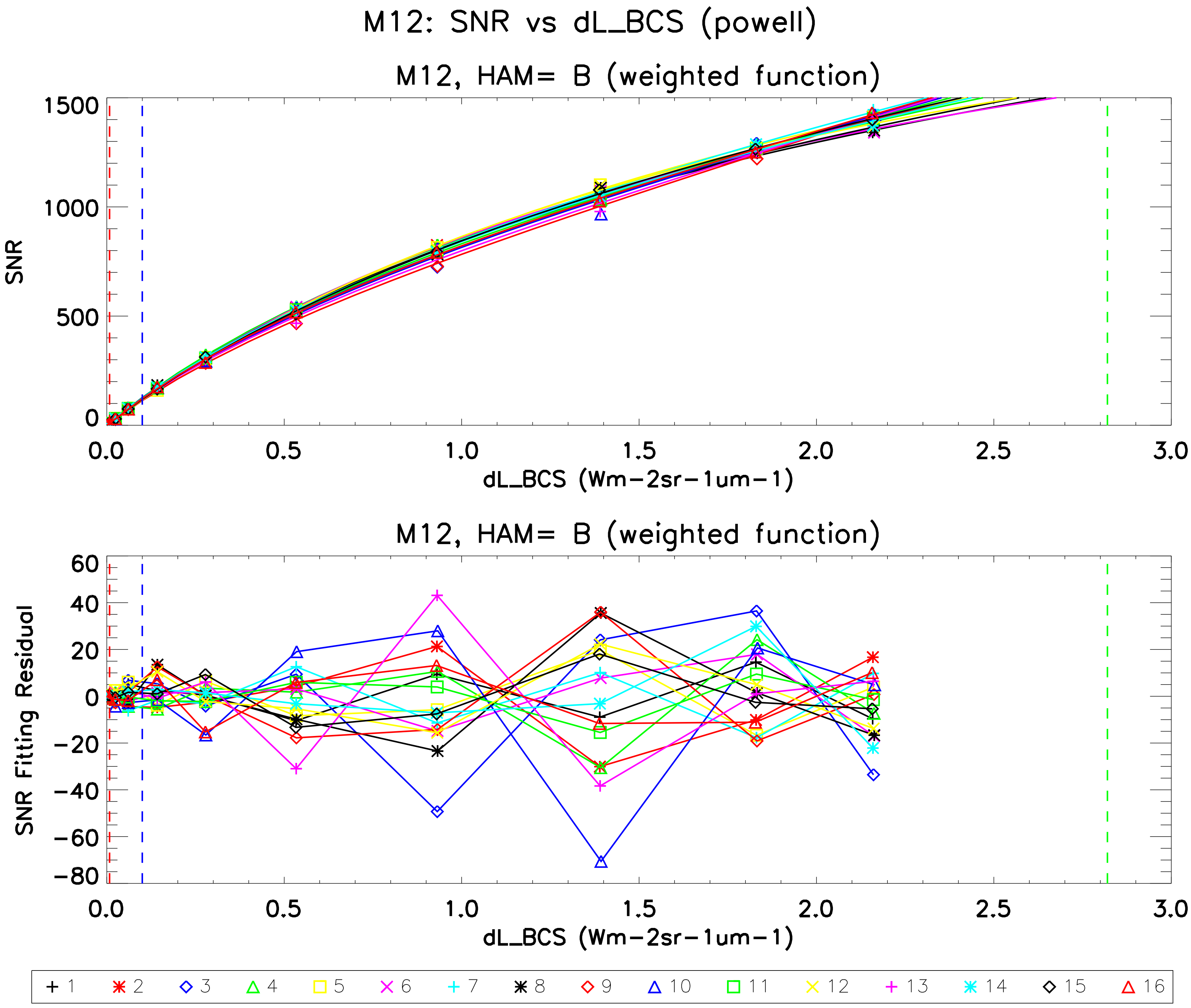
I5 SS1: SNR vs dL_BCS (powell)

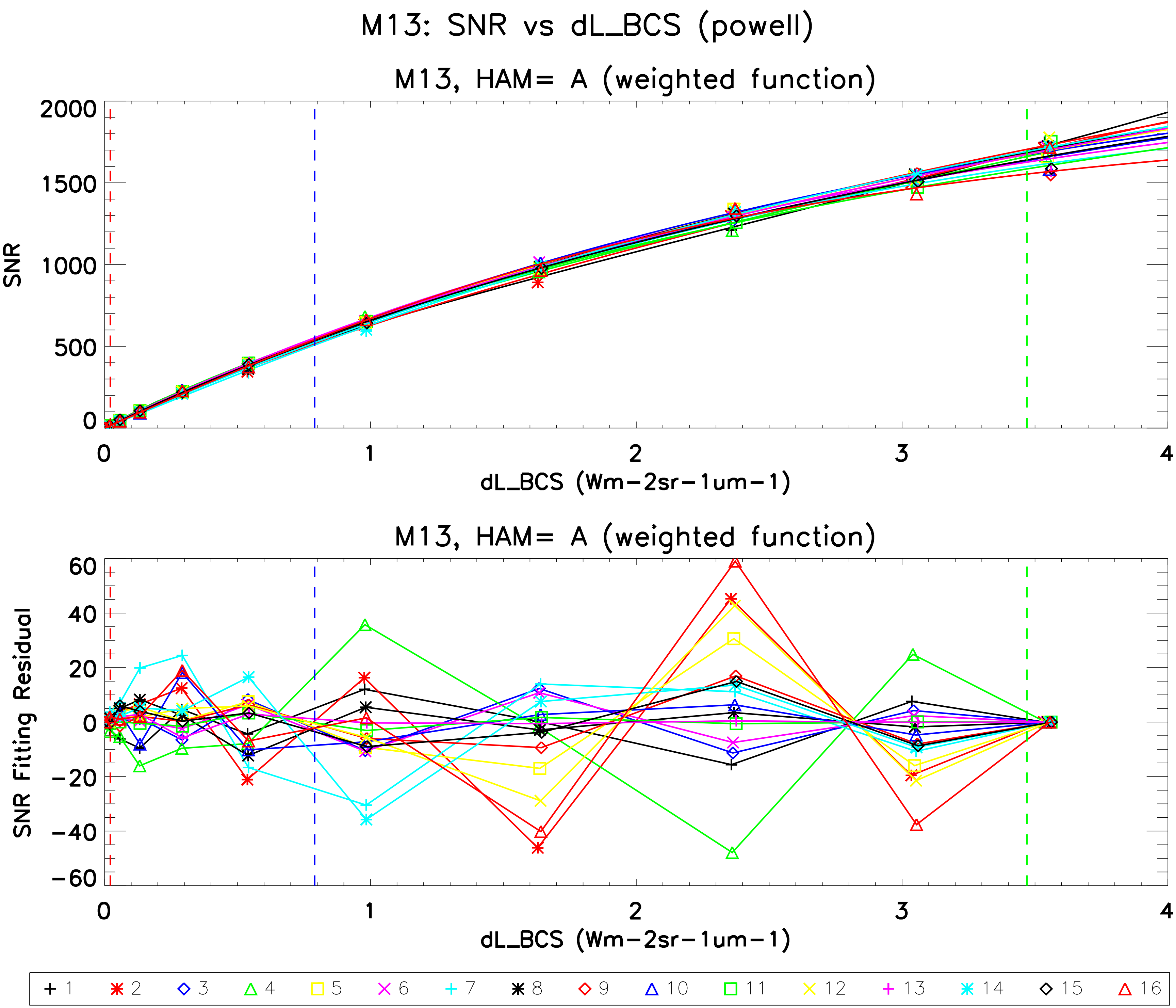


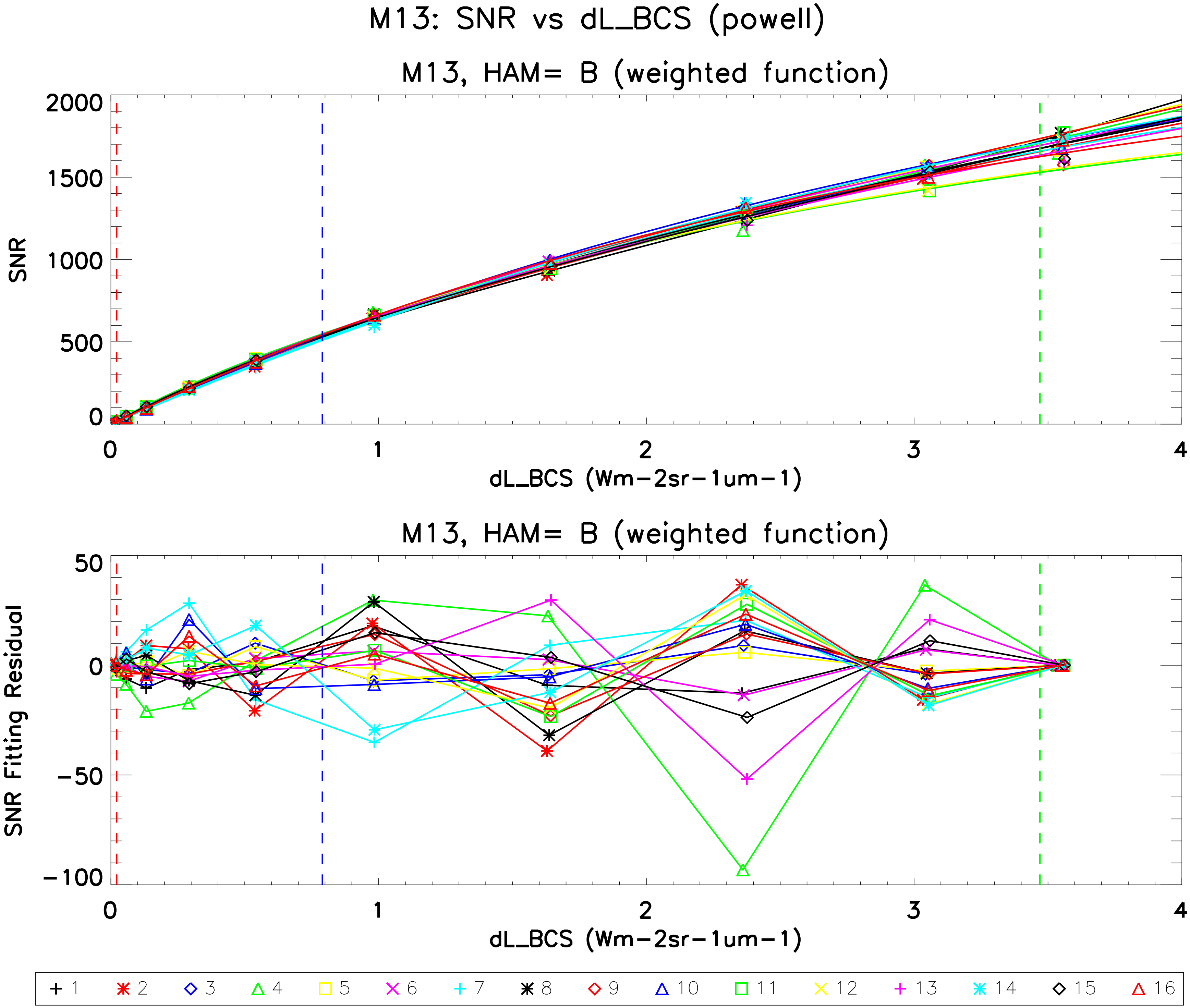

I5 SS2: SNR vs dL_BCS (powell)

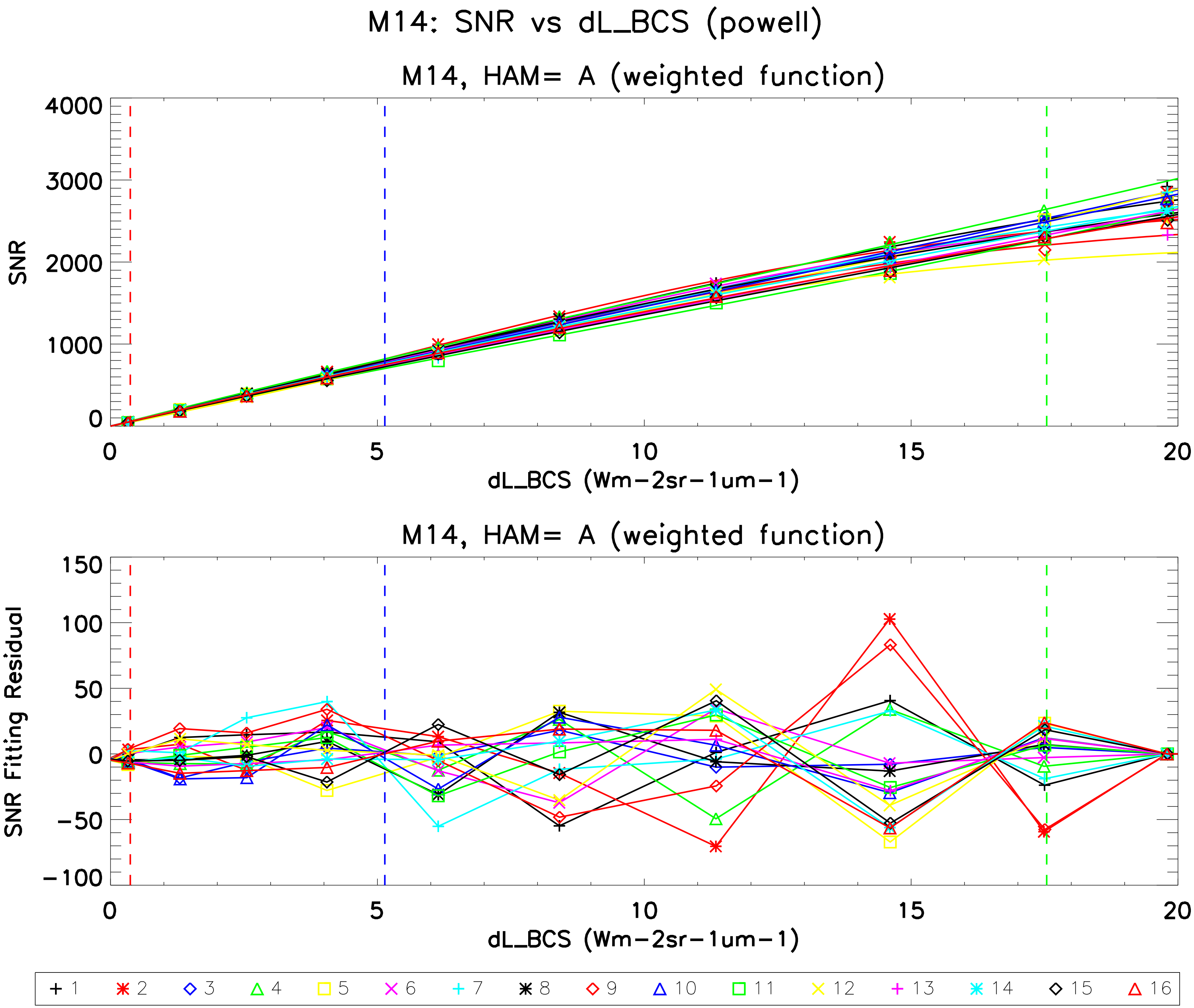

I5 SS2: SNR vs dL_BCS (powell)
I5 SS2, HAM= B (weighted function)
SNR
1000
800
600
400
200
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
I5 SS2, HAM= B (weighted function)
SNR Fitting Residual
40
20
0
−20
−40
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32


M12: SNR vs dL_BCS (powell)
M12, HAM= A (weighted function)
SNR
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
dL_BCS (Wm−2sr−1um−1)
M12, HAM= A (weighted function)
SNR Fitting Residual
60
40
20
0
−20
−40
−60
0.0
0.5
1.0
1.5
2.0
2.5
3.0
dL_BCS (Wm−2sr−1um−1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

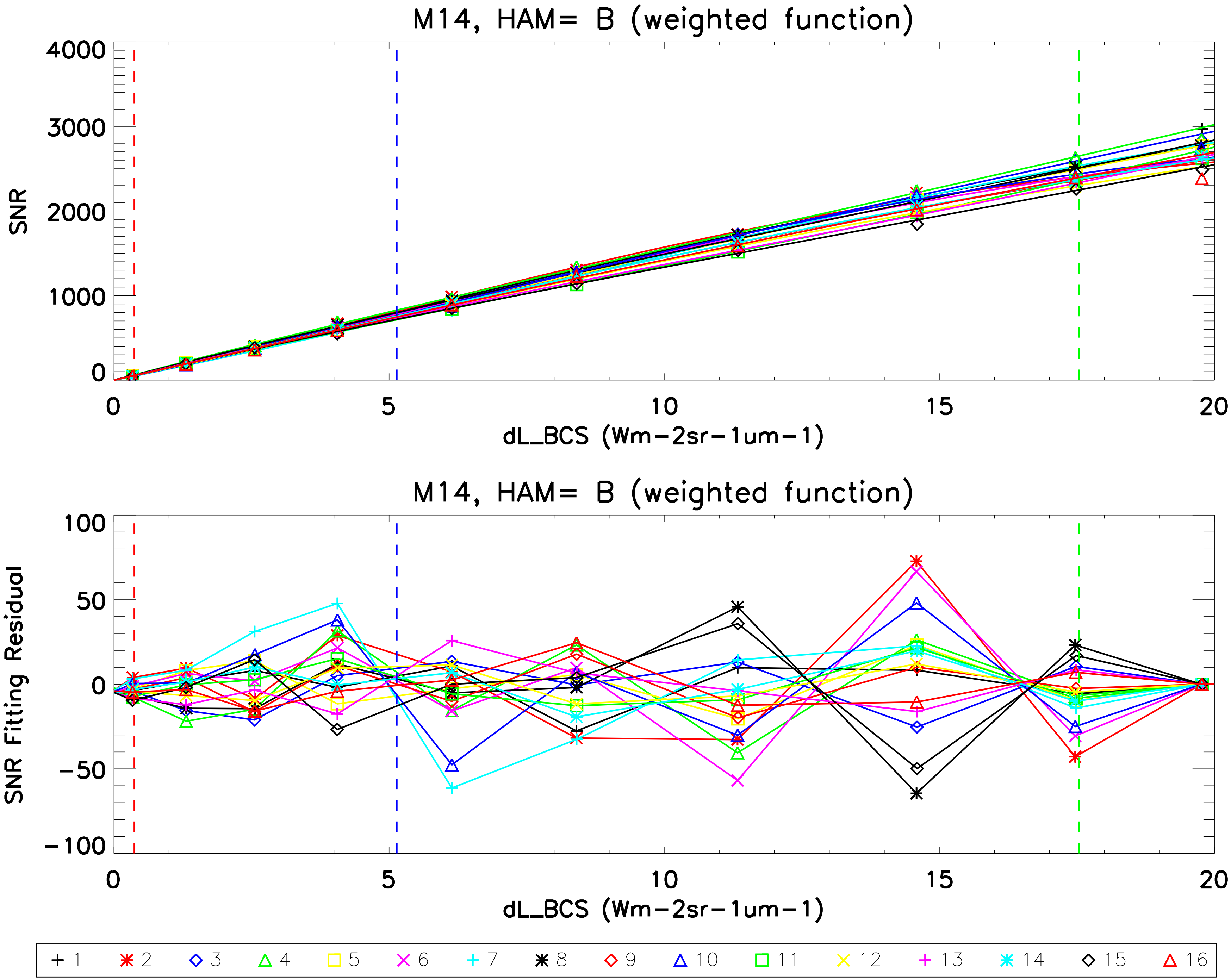

M12: SNR vs dL_BCS (powell)
M12, HAM= B (weighted function)
SNR
1500
1000
500
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
dL_BCS (Wm−2sr−1um−1)
M12, HAM= B (weighted function)
SNR Fitting Residual
60
40
20
0
−20
−40
−60
−80
0.0
0.5
1.0
1.5
2.0
2.5
3.0
dL_BCS (Wm−2sr−1um−1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

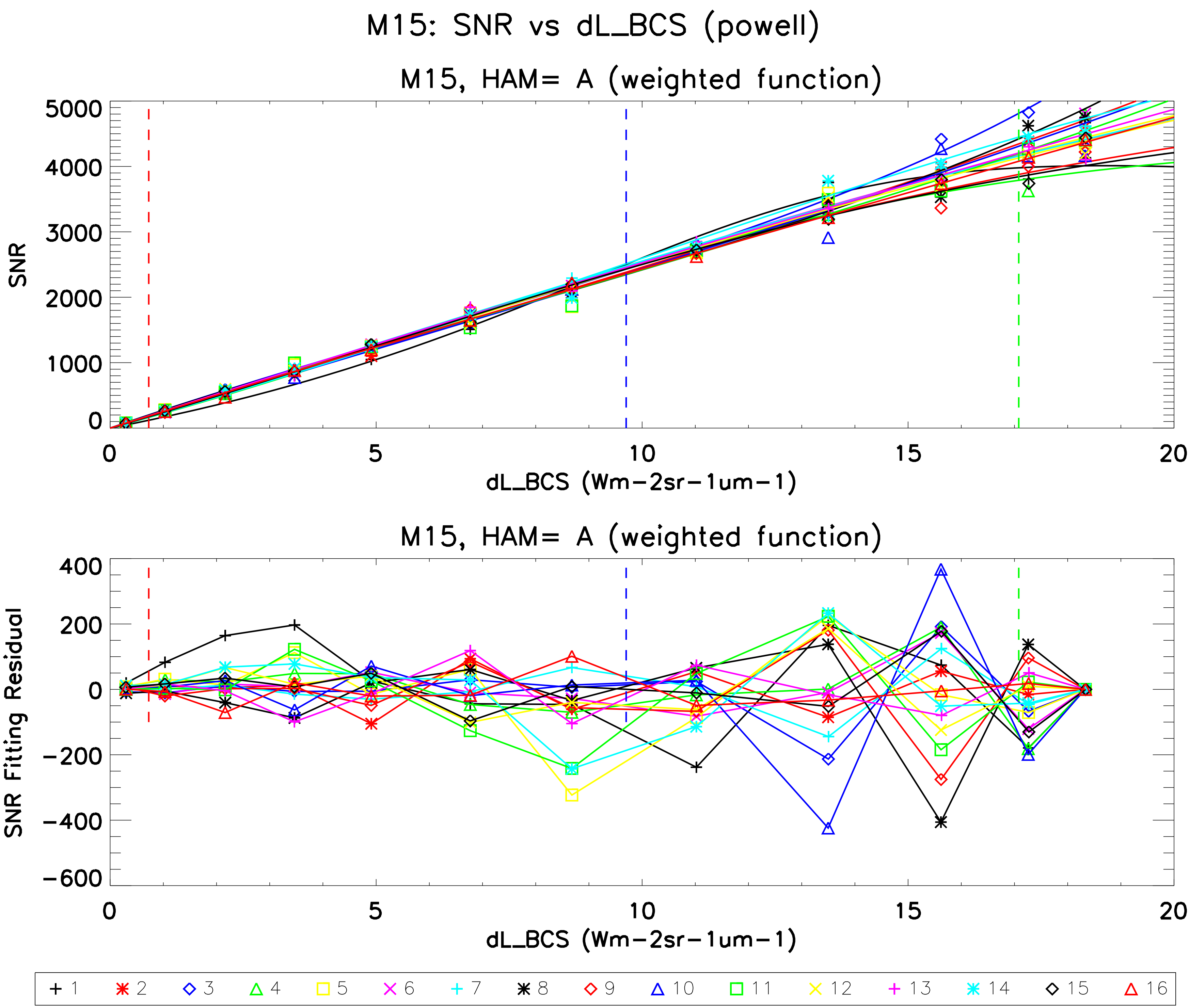

M13: SNR vs dL_BCS (powell)
M13, HAM= A (weighted function)
SNR
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
M13, HAM= A (weighted function)
SNR Fitting Residual
60
40
20
0
−20
−40
−60
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

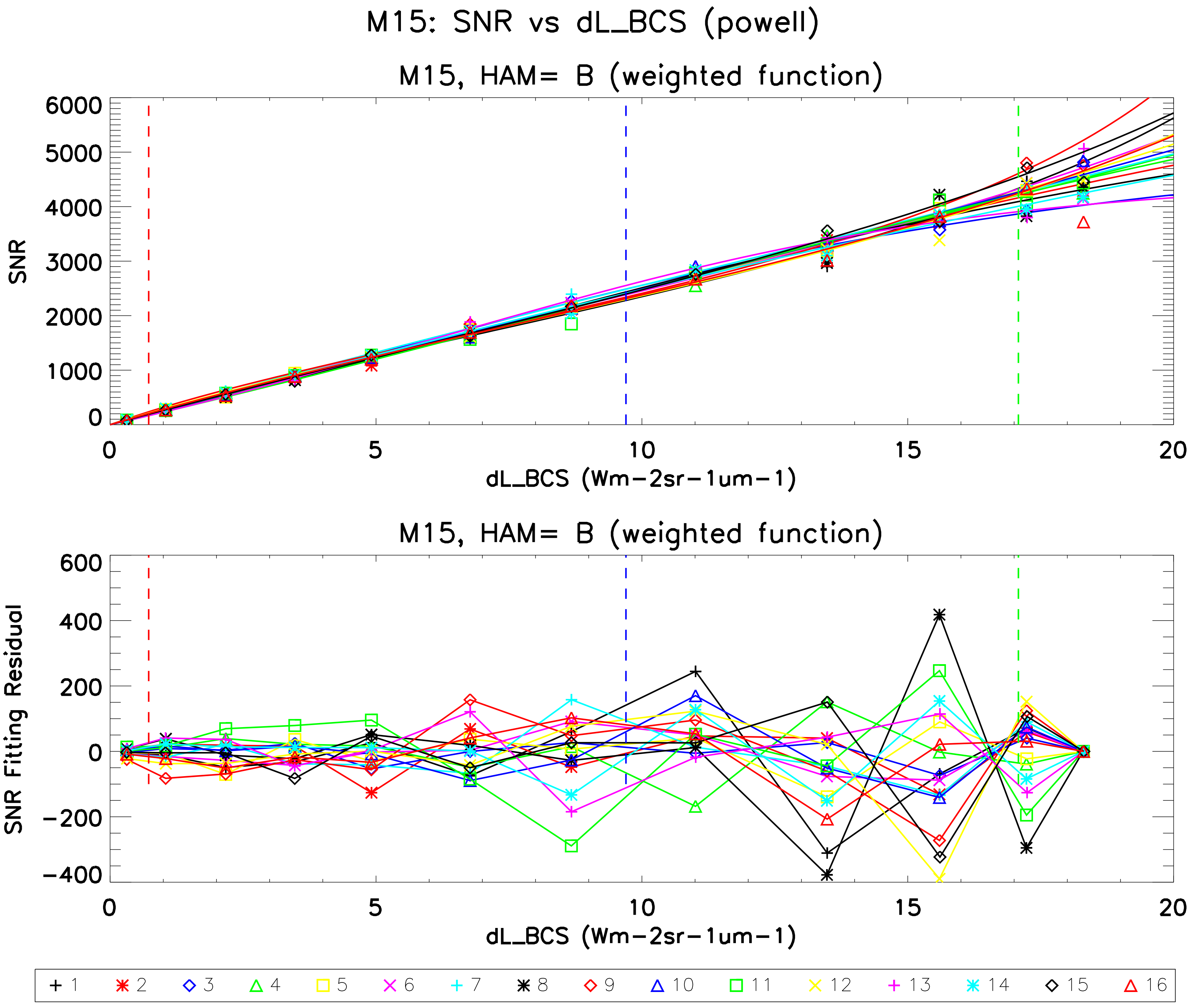

M13: SNR vs dL_BCS (powell)
M13, HAM= B (weighted function)
SNR
2000
1500
1000
500
0
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
M13, HAM= B (weighted function)
SNR Fitting Residual
50
0
−50
−100
0
1
2
3
4
dL_BCS (Wm−2sr−1um−1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16


M14: SNR vs dL_BCS (powell)
M14, HAM= A (weighted function)
SNR
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
M14, HAM= A (weighted function)
SNR Fitting Residual
150
100
50
0
−50
−100
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

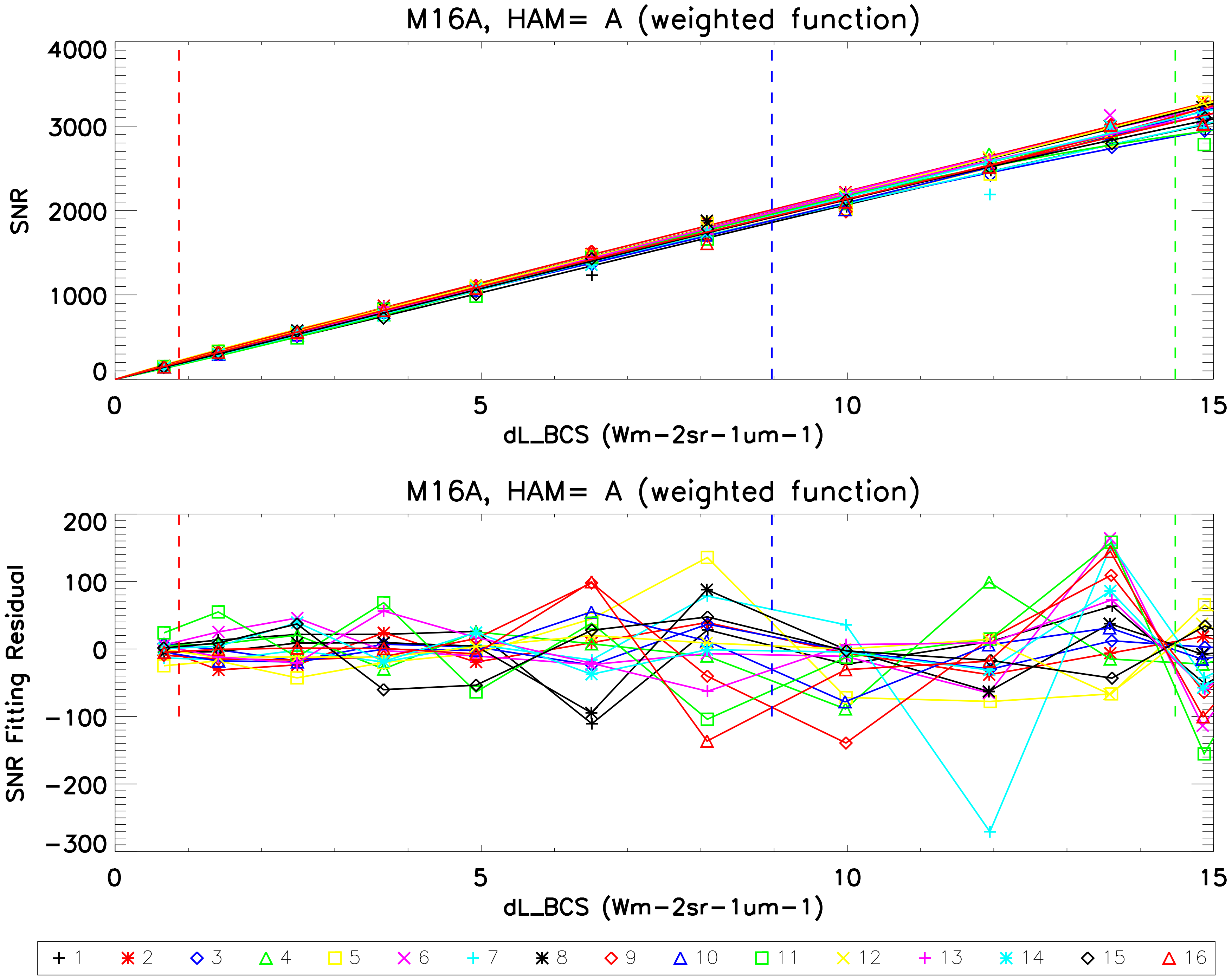
M14: SNR vs dL_BCS (powell)

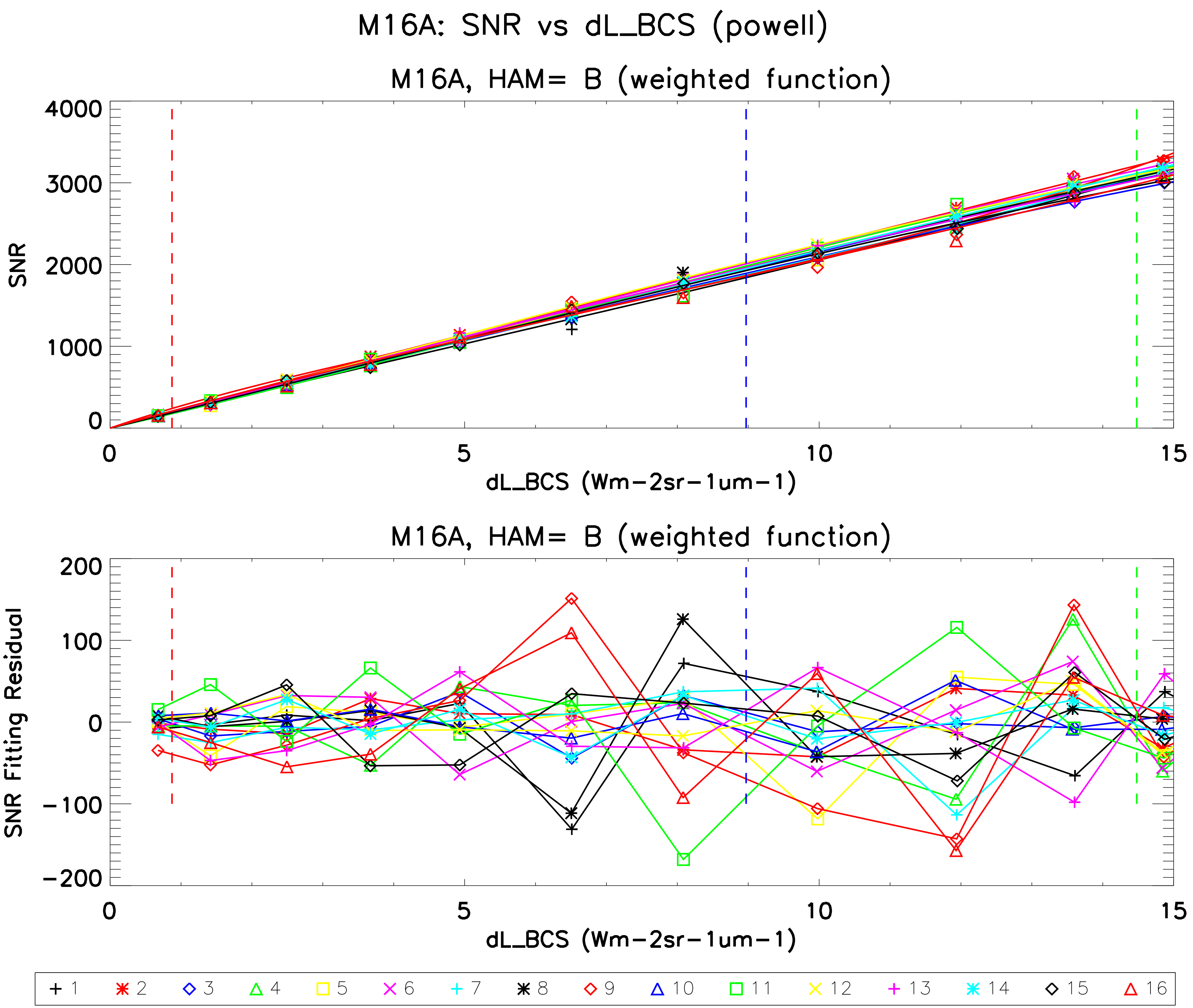


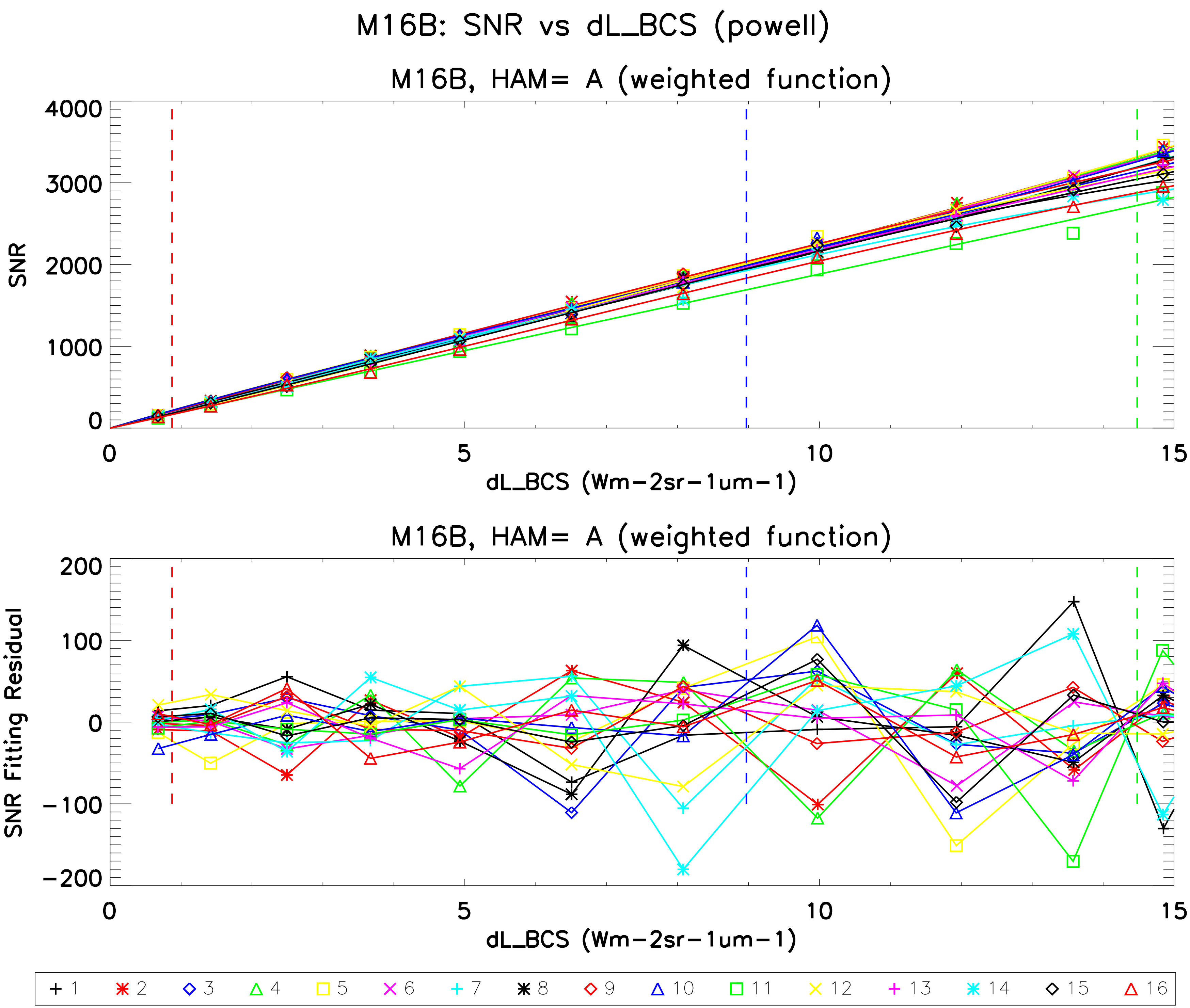

M15: SNR vs dL_BCS (powell)
M15, HAM= A (weighted function)
SNR
5000
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
M15, HAM= A (weighted function)
SNR Fitting Residual
400
200
0
−200
−400
−600
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

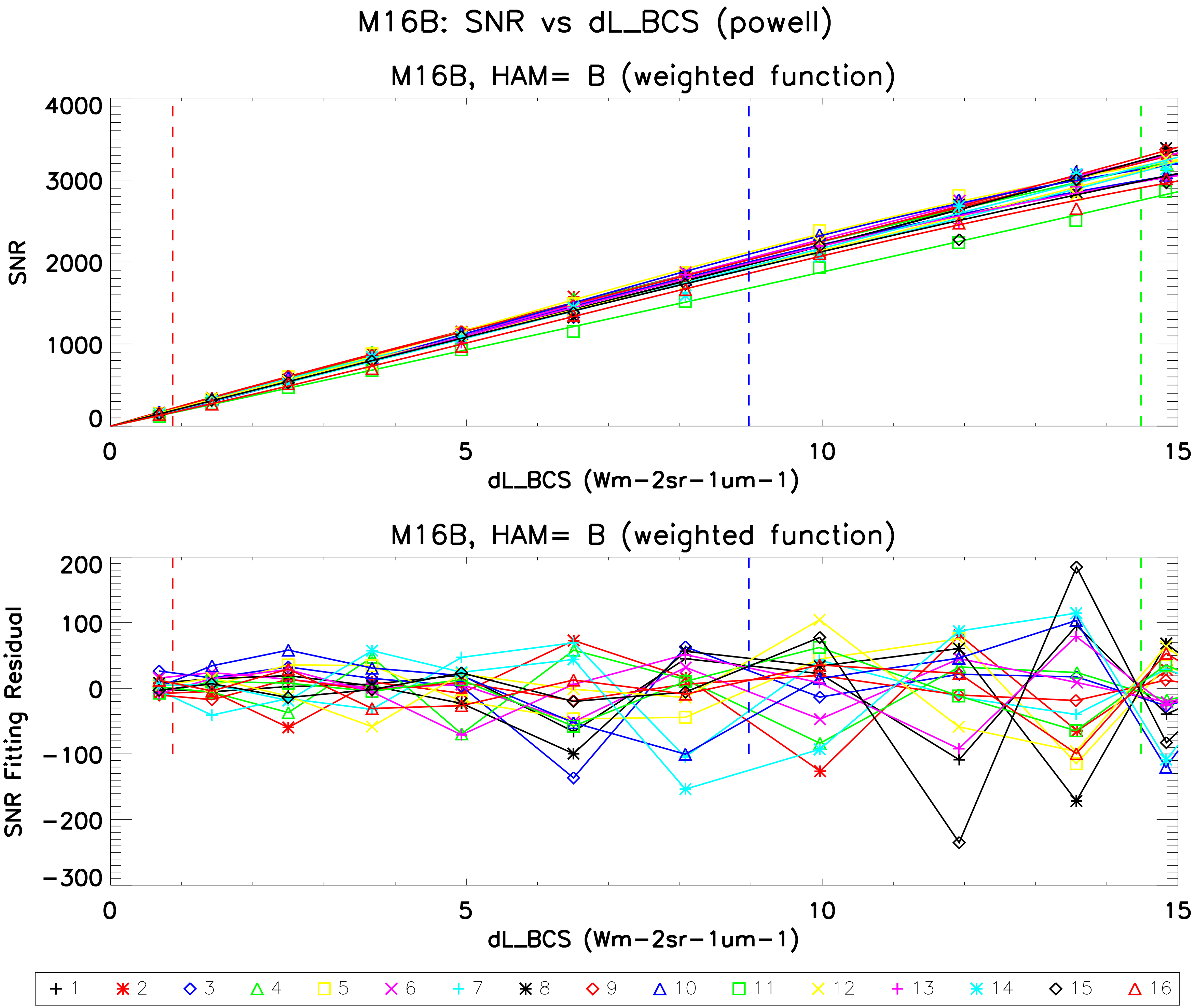

M15: SNR vs dL_BCS (powell)
M15, HAM= B (weighted function)
SNR
6000
5000
4000
3000
2000
1000
0
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
M15, HAM= B (weighted function)
SNR Fitting Residual
600
400
200
0
−200
−400
0
5
10
15
20
dL_BCS (Wm−2sr−1um−1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

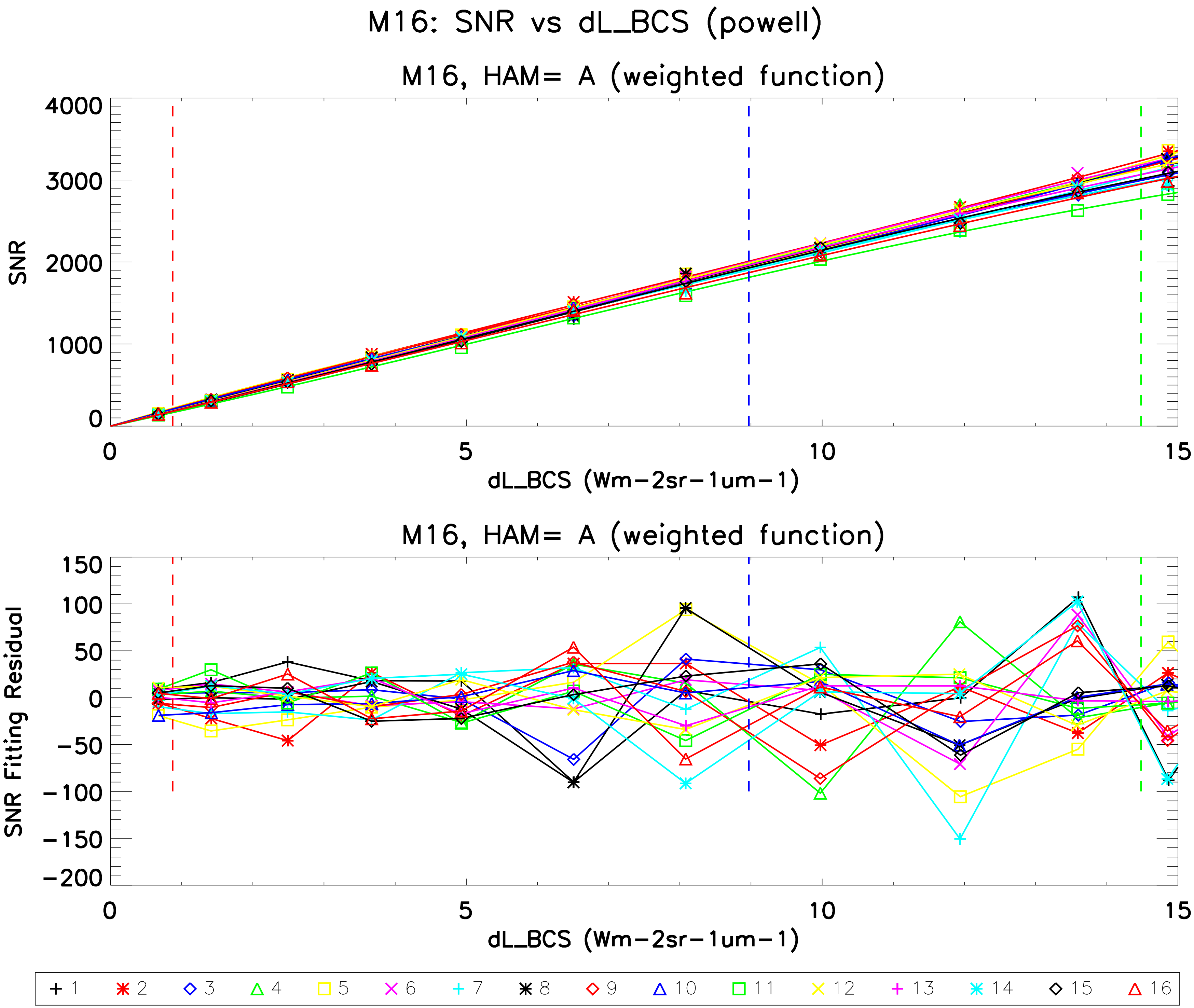
M16A: SNR vs dL_BCS (powell)



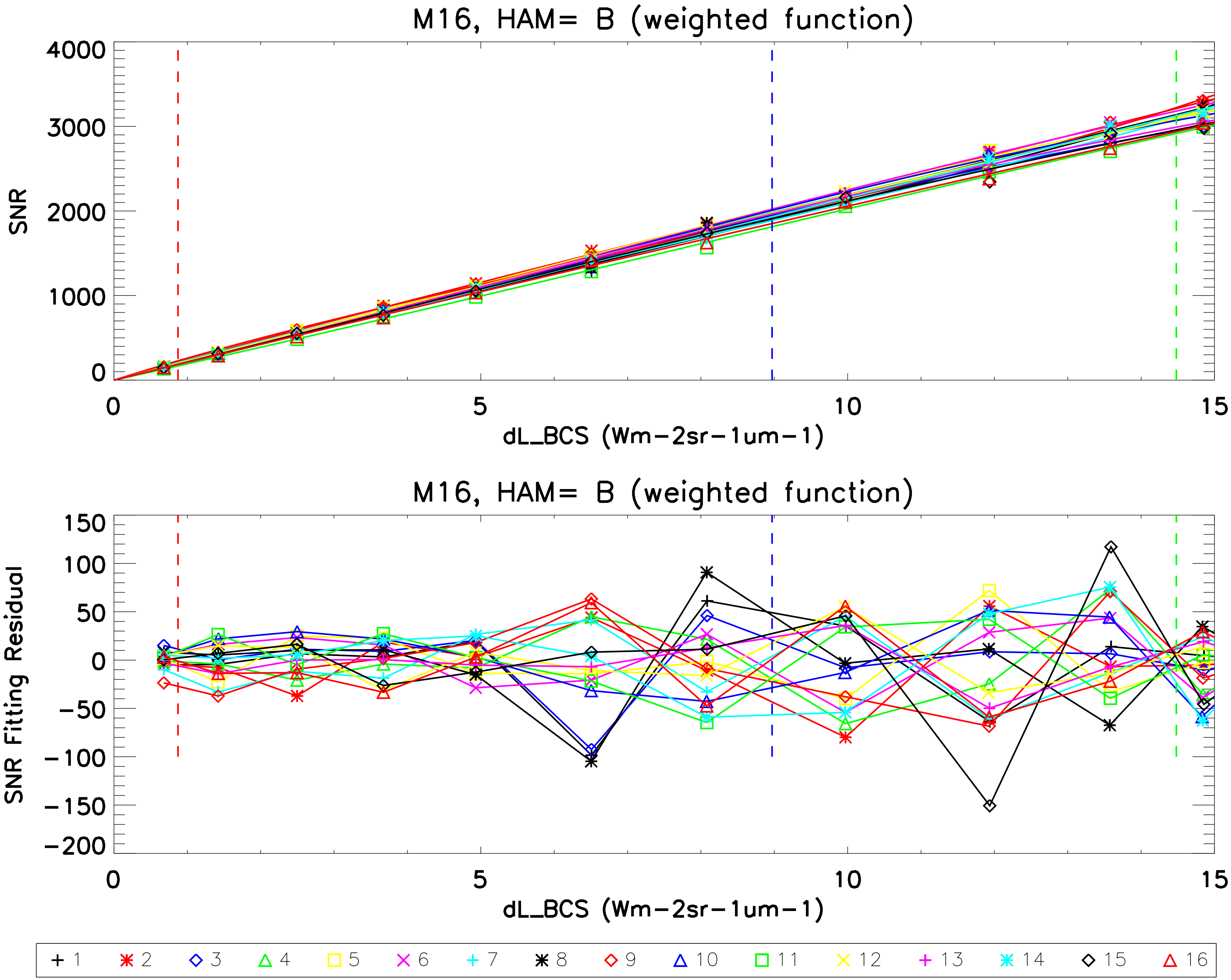

M16A: SNR vs dL_BCS (powell)
M16A, HAM= B (weighted function)
SNR
4000
3000
2000
1000
0
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
M16A, HAM= B (weighted function)
SNR Fitting Residual
200
100
0
−100
−200
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

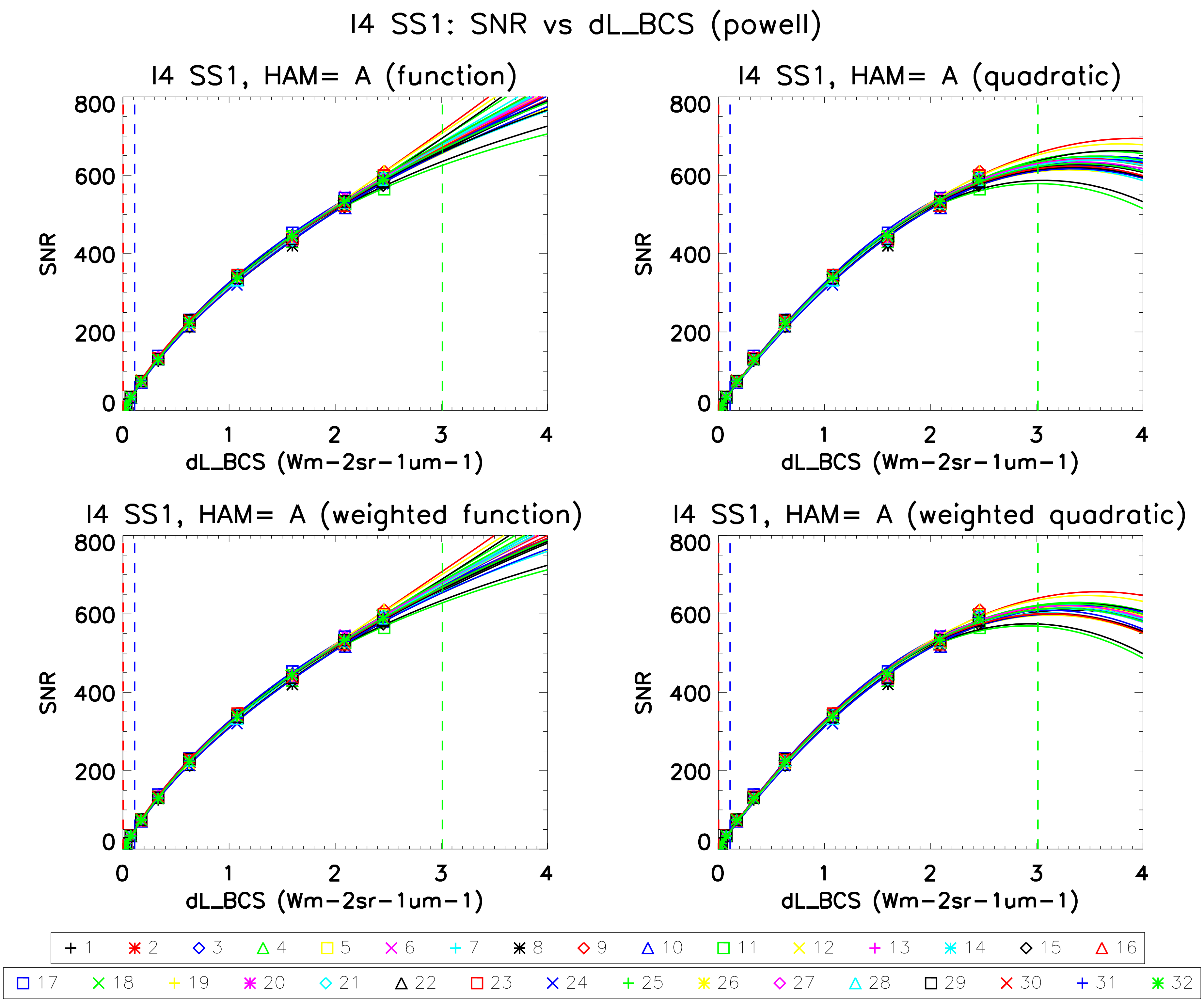

M16B: SNR vs dL_BCS (powell)
M16B, HAM= A (weighted function)
SNR
4000
3000
2000
1000
0
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
M16B, HAM= A (weighted function)
SNR Fitting Residual
200
100
0
−100
−200
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

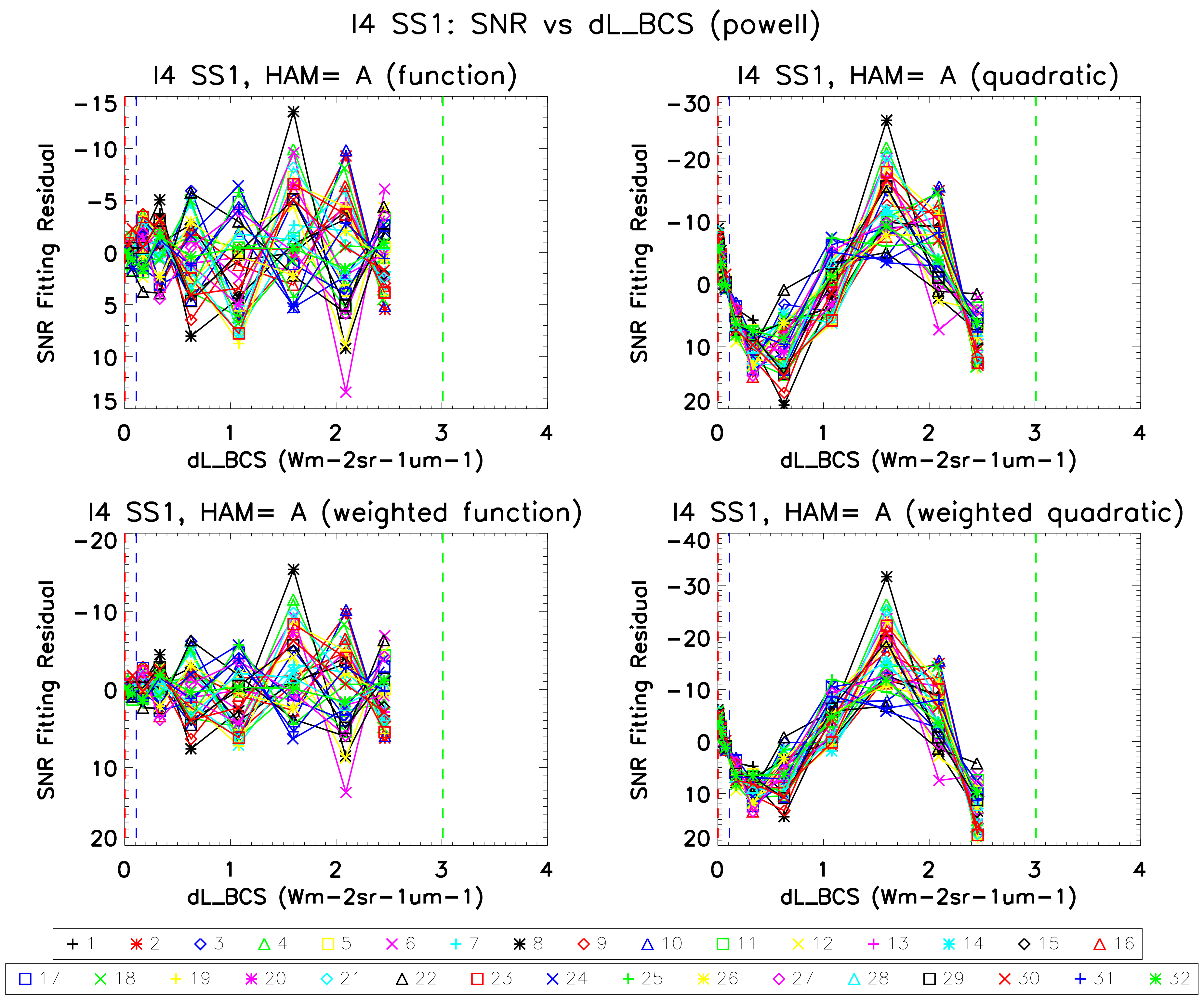

M16B: SNR vs dL_BCS (powell)
M16B, HAM= B (weighted function)
SNR
4000
3000
2000
1000
0
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
M16B, HAM= B (weighted function)
SNR Fitting Residual
200
100
0
−100
−200
−300
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

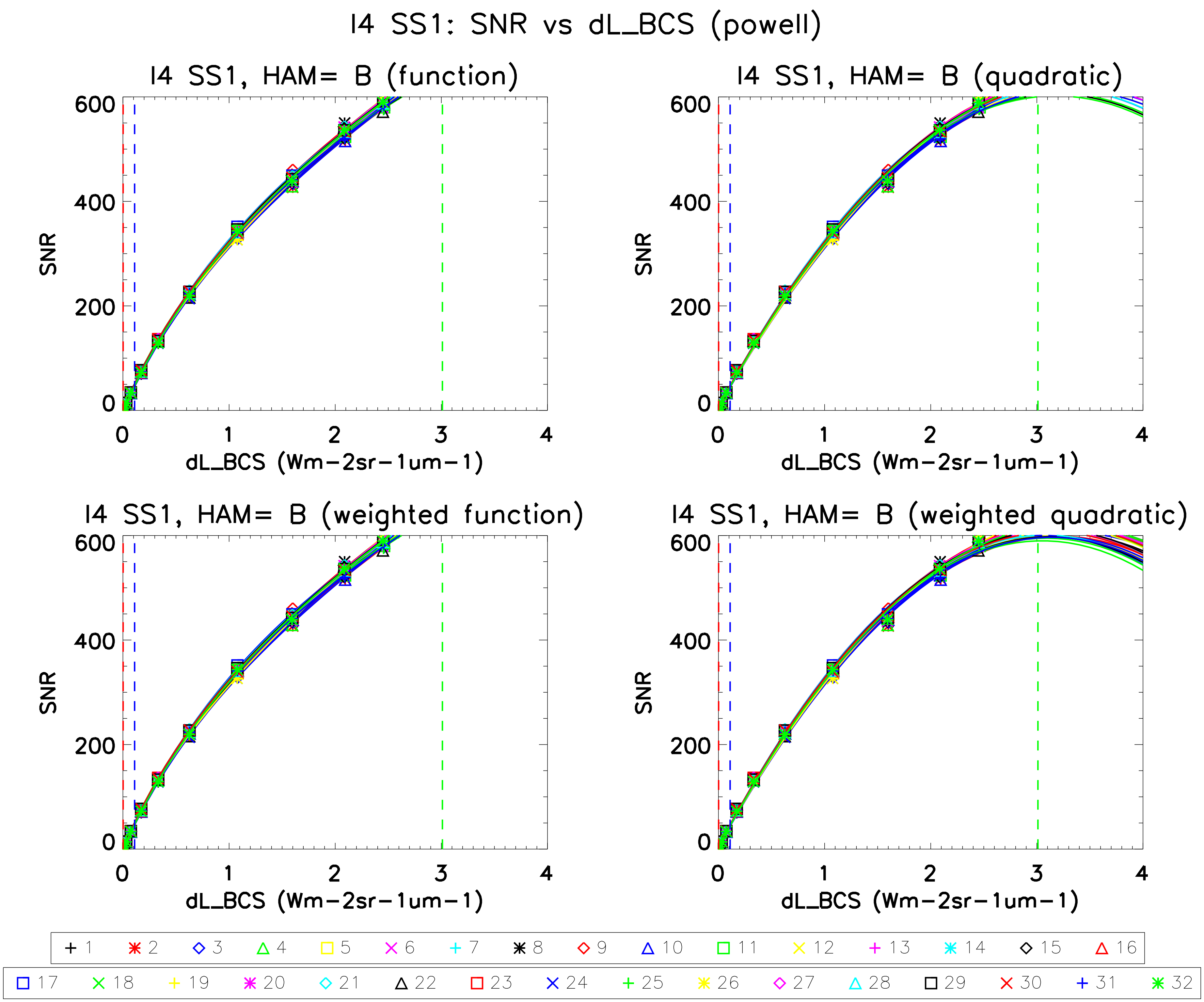

M16: SNR vs dL_BCS (powell)
M16, HAM= A (weighted function)
SNR
4000
3000
2000
1000
0
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
M16, HAM= A (weighted function)
SNR Fitting Residual
150
100
50
0
−50
−100
−150
−200
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

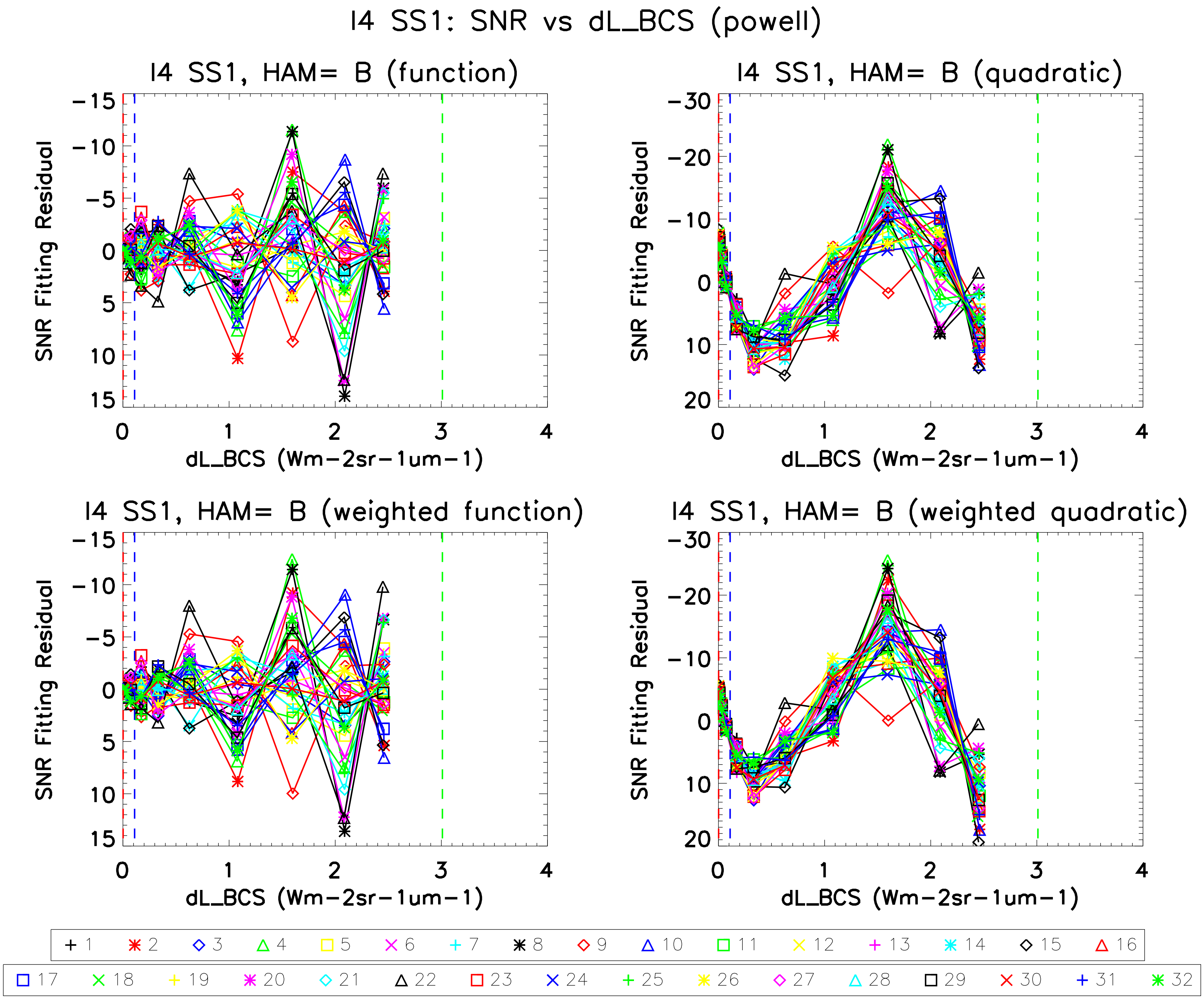
M16: SNR vs dL_BCS (powell)

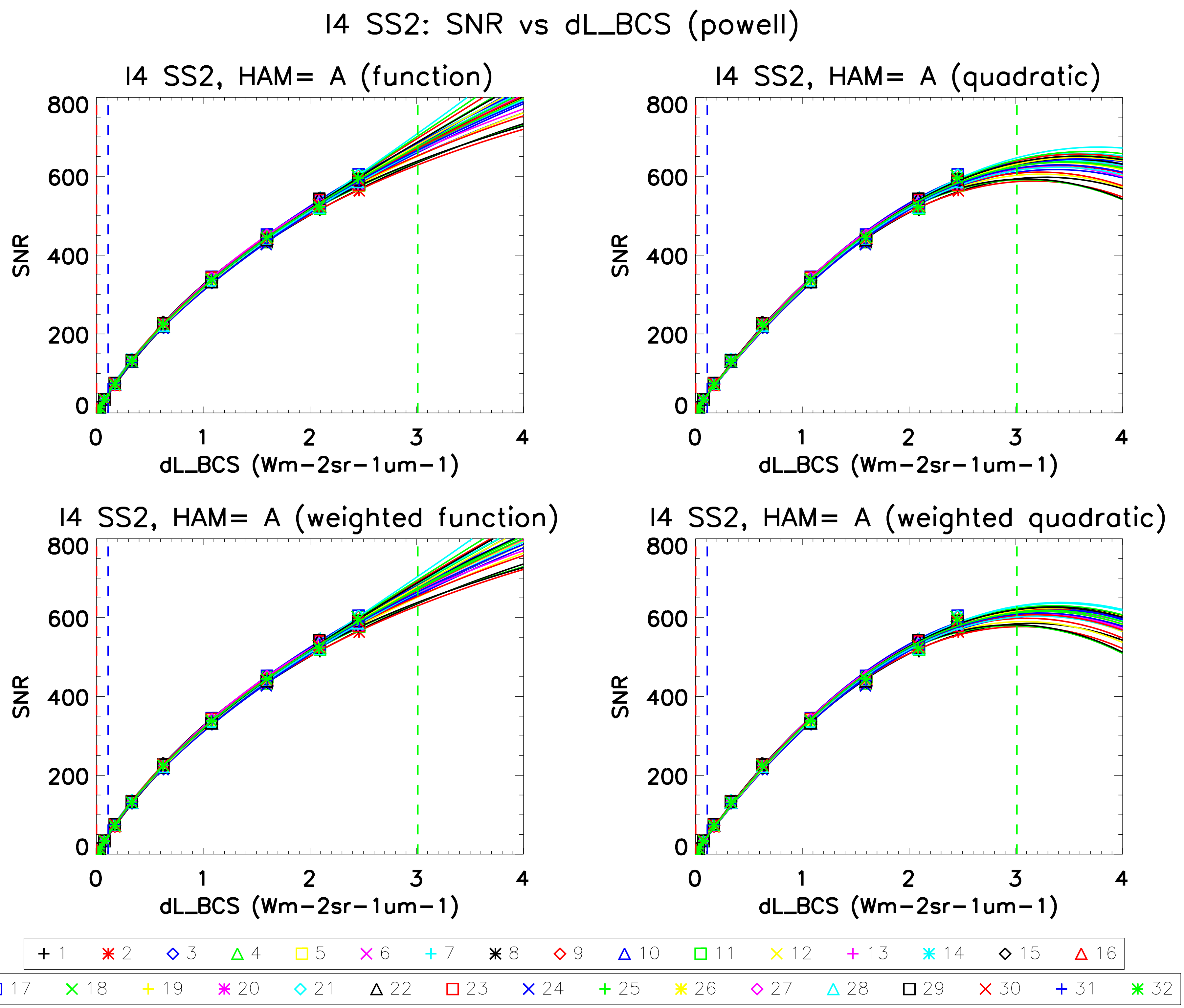


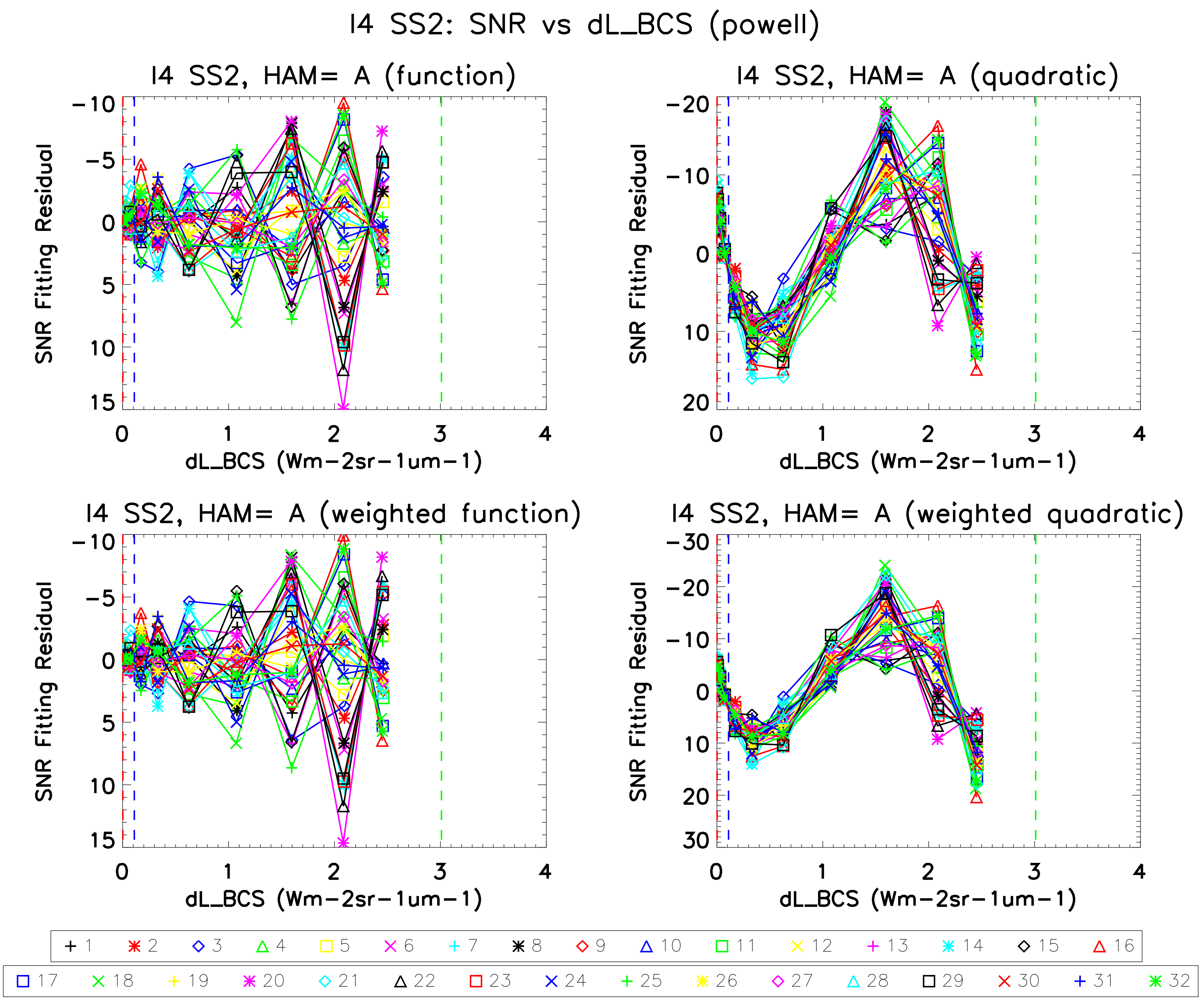

I4 SS1: SNR vs dL_BCS (powell)
I4 SS1, HAM= A (function)
I4 SS1, HAM= A (quadratic)
I4 SS1, HAM= A (weighted function)
I4 SS1, HAM= A (weighted quadratic)
SNR
0
200
400
600
800
dL_BCS (Wm−2sr−1um−1)
0
1
2
3
4
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✳ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✳ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✳ 32


I4 SS1: SNR vs dL_BCS (powell)
I4 SS1, HAM= A (function)
I4 SS1, HAM= A (quadratic)
I4 SS1, HAM= A (weighted function)
I4 SS1, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−15
−10
−5
0
5
10
15
−30
−20
−10
0
10
20
−40
1
2
3
4
+ 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

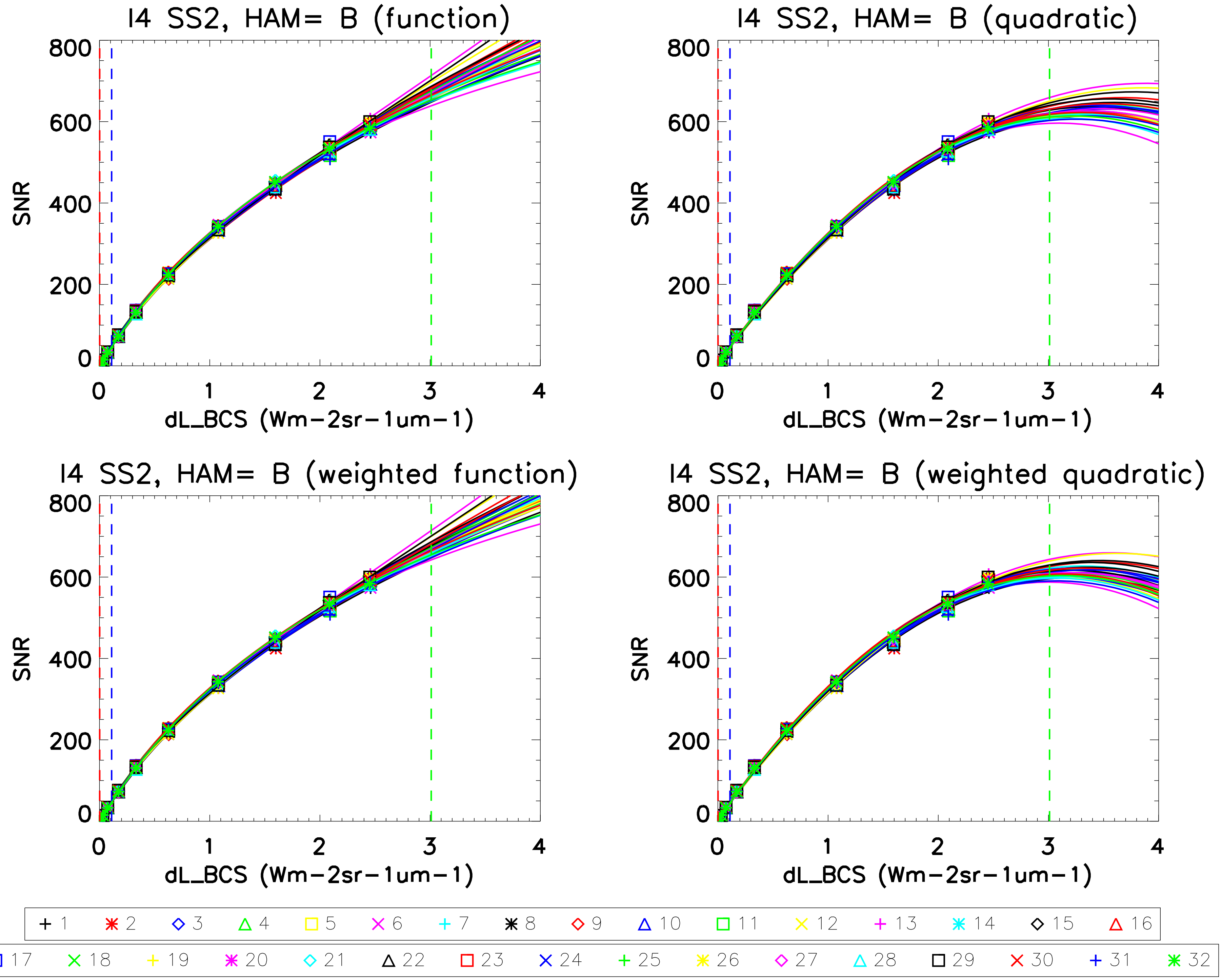

I4 SS1: SNR vs dL_BCS (powell)
I4 SS1, HAM= B (function)
I4 SS1, HAM= B (quadratic)
I4 SS1, HAM= B (weighted function)
I4 SS1, HAM= B (weighted quadratic)
SNR
0
200
400
600
dL_BCS (Wm−2sr−1um−1)
0
1
2
3
4
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✳ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✳ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✳ 32

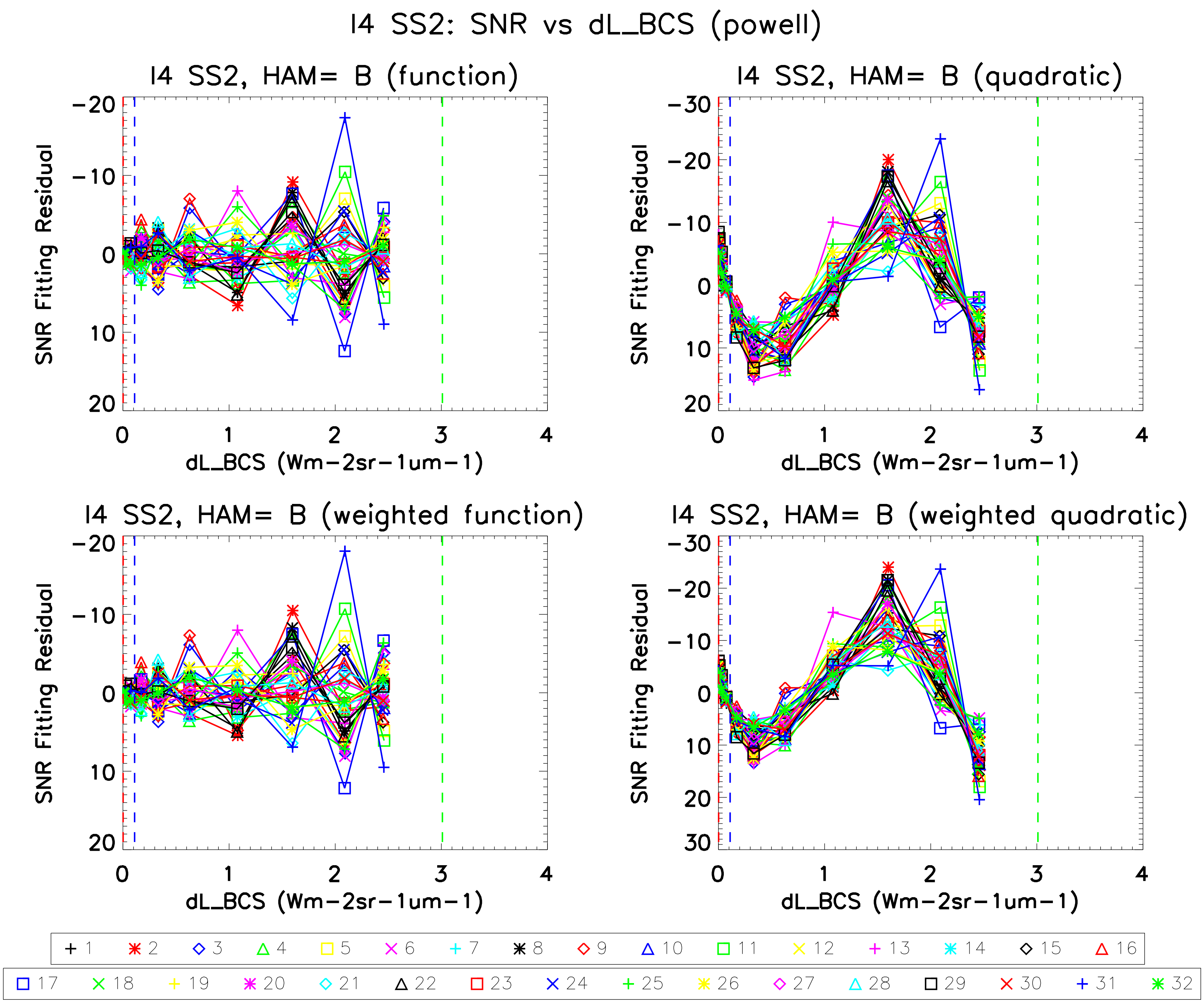

I4 SS1: SNR vs dL_BCS (powell)
I4 SS1, HAM= B (function)
I4 SS1, HAM= B (quadratic)
I4 SS1, HAM= B (weighted function)
I4 SS1, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−15
−10
−5
0
5
10
15
−30
−20
−10
0
10
20
0
1
2
3
4
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✱ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✱ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✱ 32


I4 SS2: SNR vs dL_BCS (powell)
I4 SS2, HAM= A (function)
I4 SS2, HAM= A (quadratic)
I4 SS2, HAM= A (weighted function)
I4 SS2, HAM= A (weighted quadratic)
SNR
0
200
400
600
800
dL_BCS (Wm−2sr−1um−1)
0
1
2
3
4
+ 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

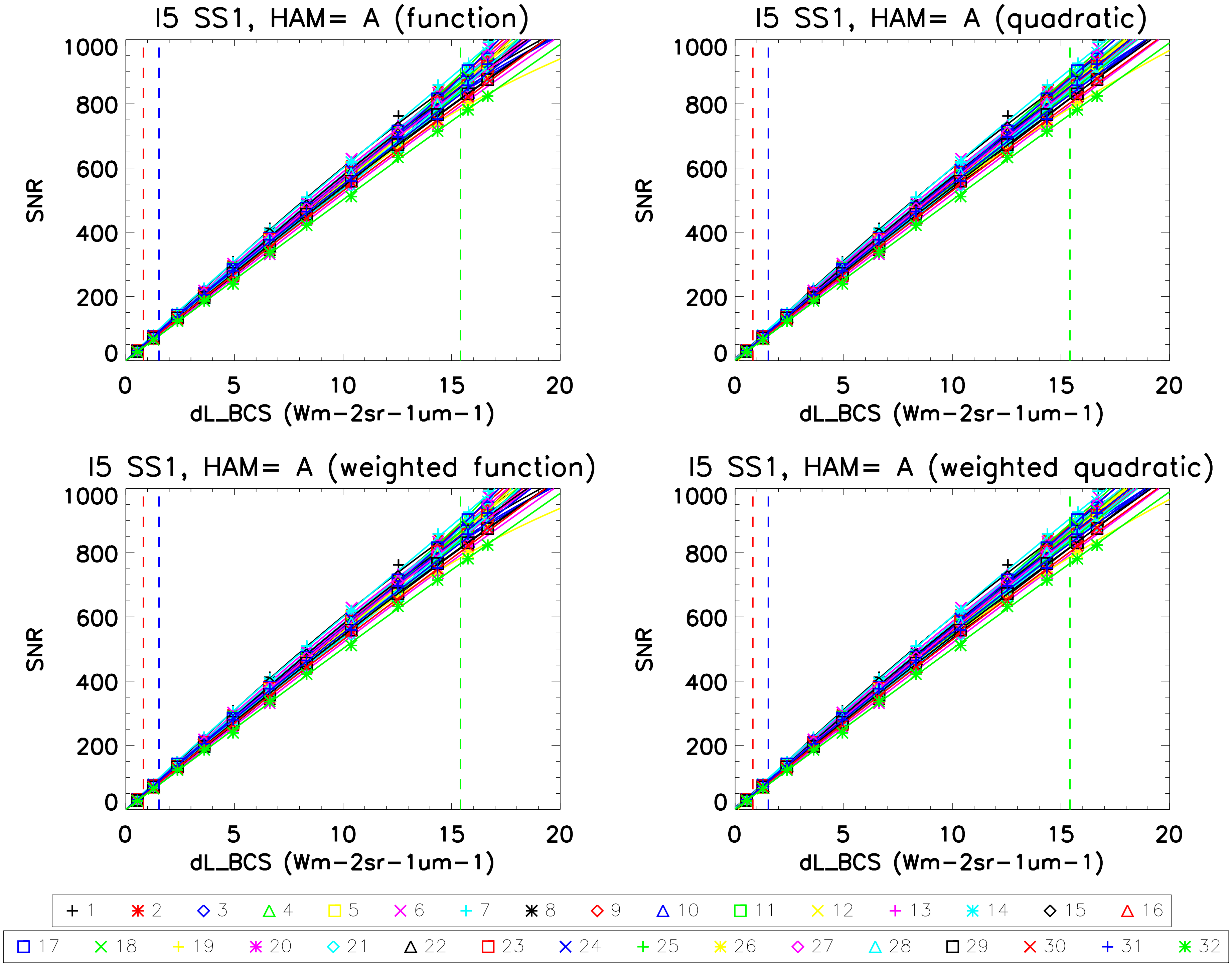

I4 SS2: SNR vs dL_BCS (powell)
I4 SS2, HAM= A (function)
I4 SS2, HAM= A (quadratic)
I4 SS2, HAM= A (weighted function)
I4 SS2, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−10
−5
0
5
10
15
−20
−10
0
10
20
−30
−20
−10
0
10
20
30
0
1
2
3
4
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✱ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✱ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✱ 32

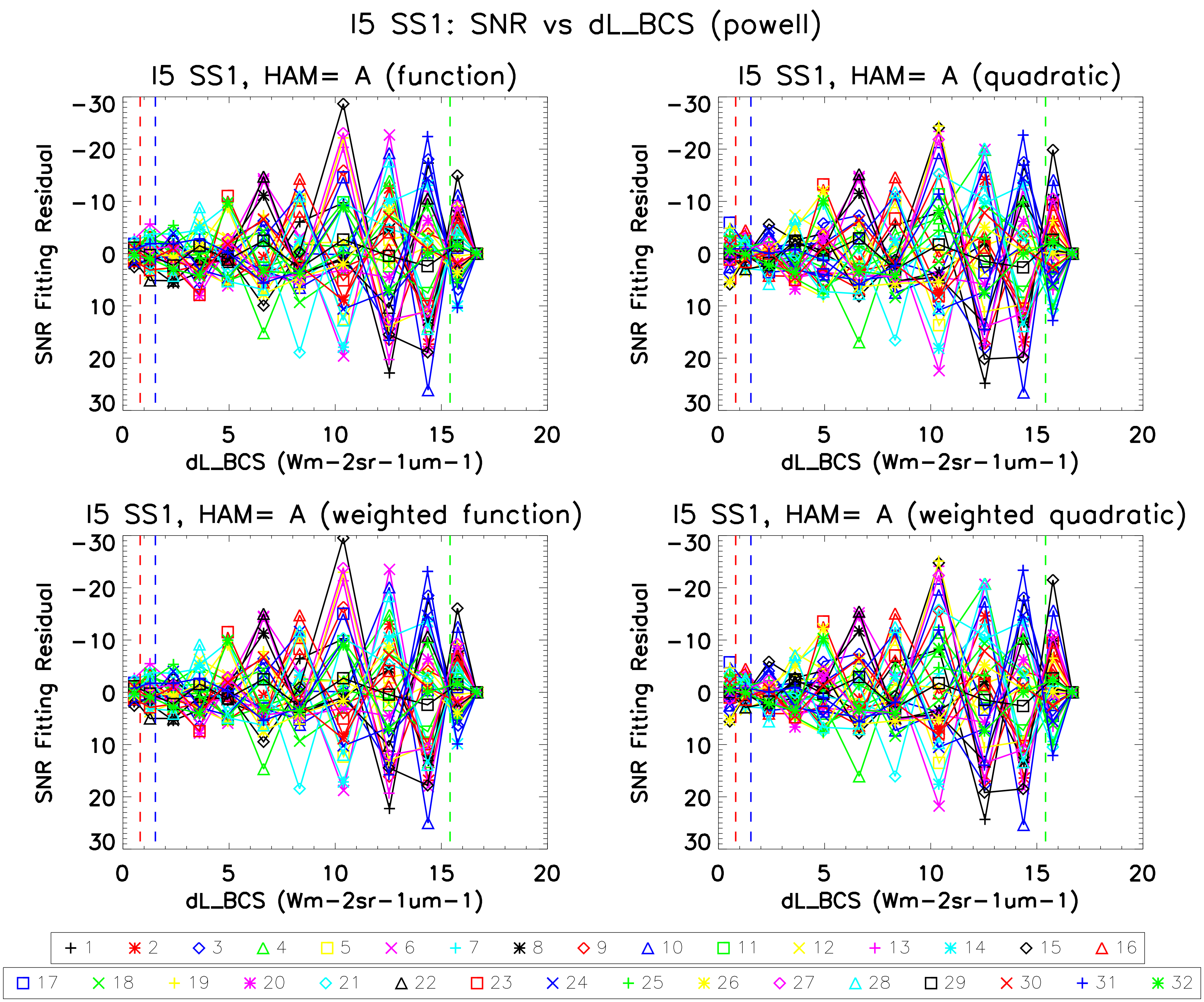
I4 SS2: SNR vs dL_BCS (powell)

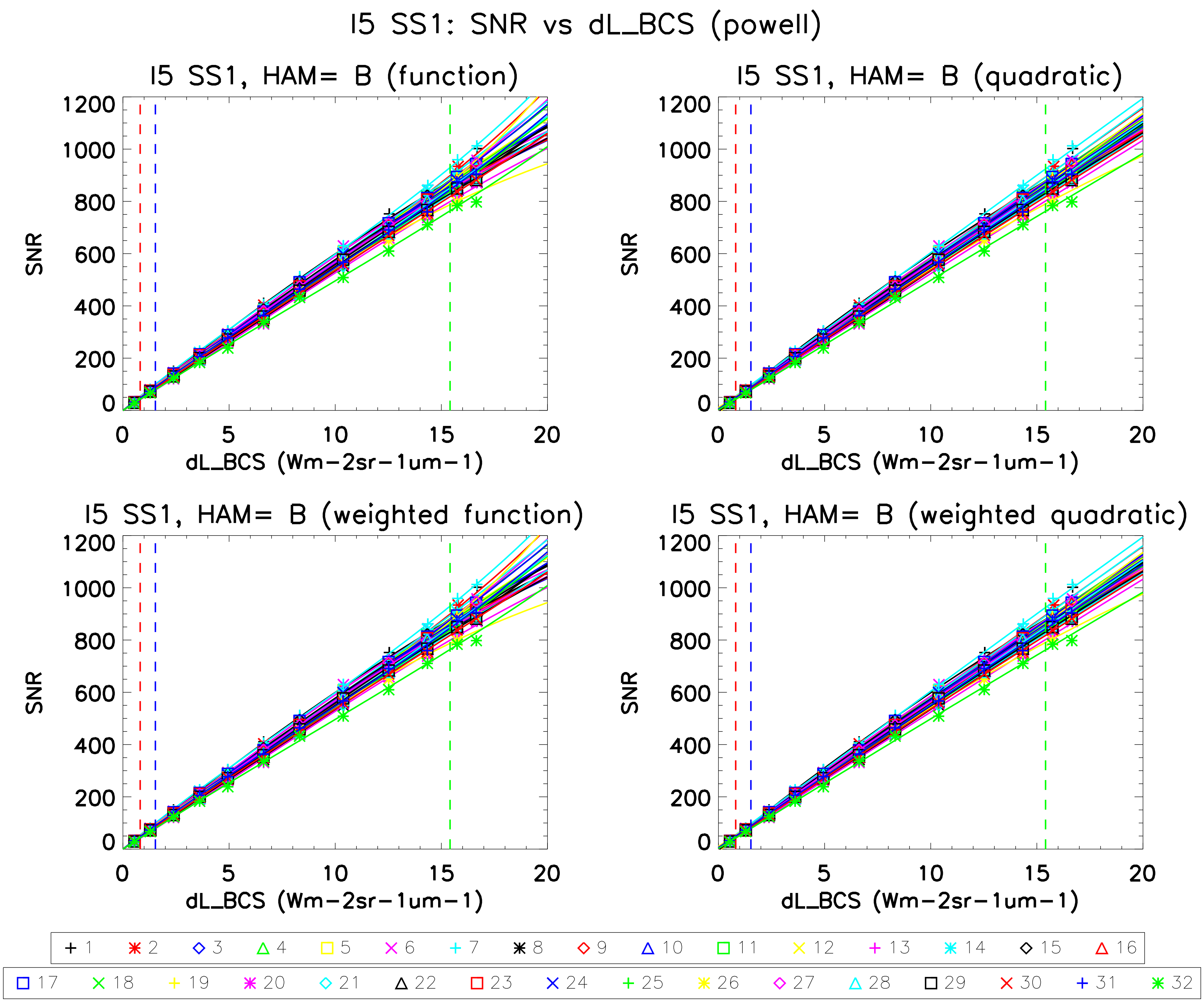


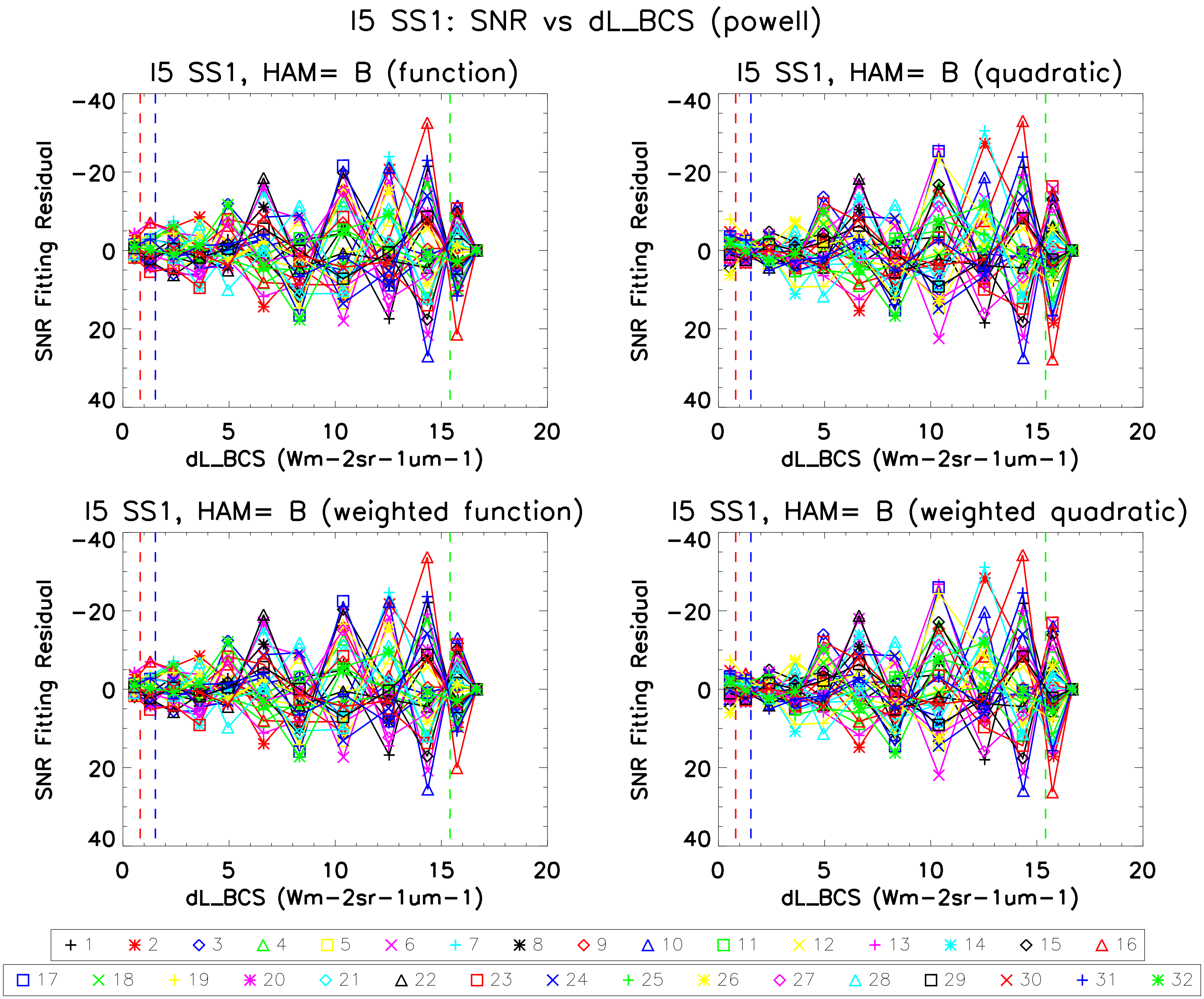

I4 SS2: SNR vs dL_BCS (powell)
I4 SS2, HAM= B (function)
I4 SS2, HAM= B (quadratic)
I4 SS2, HAM= B (weighted function)
I4 SS2, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−30
−20
−10
0
10
20
30
0
1
2
3
4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

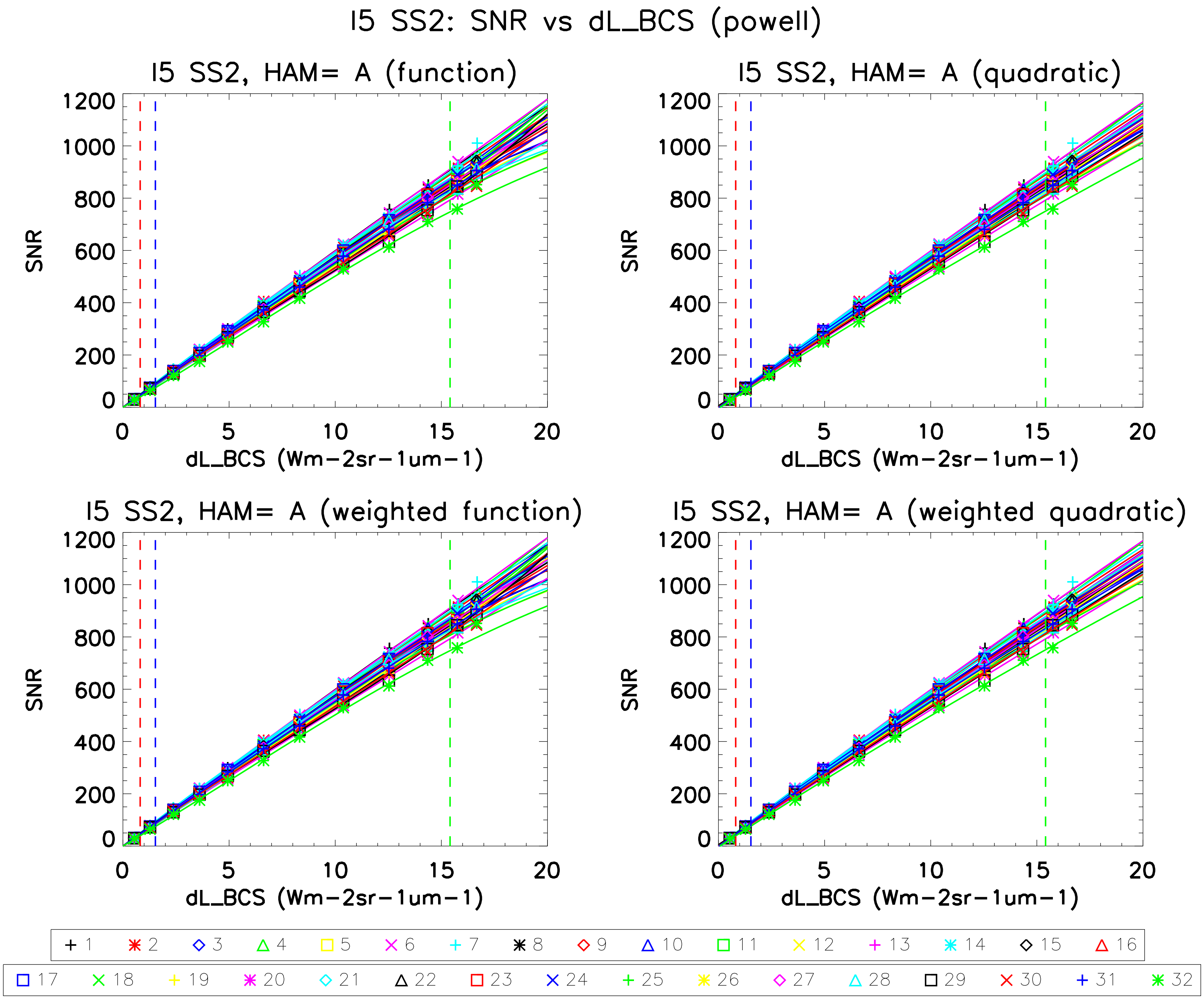
I5 SS1: SNR vs dL_BCS (powell)




I5 SS1: SNR vs dL_BCS (powell)
I5 SS1, HAM= A (function)
I5 SS1, HAM= A (quadratic)
I5 SS1, HAM= A (weighted function)
I5 SS1, HAM= A (weighted quadratic)
SNR Fitting Residual
-30
-20
-10
0
10
20
30
dL_BCS (Wm-2sr-1um-1)
0
5
10
15
20
+ 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


I5 SS1: SNR vs dL_BCS (powell)
I5 SS1, HAM= B (function)
I5 SS1, HAM= B (quadratic)
I5 SS1, HAM= B (weighted function)
I5 SS1, HAM= B (weighted quadratic)
SNR
0
200
400
600
800
1000
1200
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 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


I5 SS1: SNR vs dL_BCS (powell)
I5 SS1, HAM= B (function)
I5 SS1, HAM= B (quadratic)
I5 SS1, HAM= B (weighted function)
I5 SS1, HAM= B (weighted quadratic)
SNR Fitting Residual
-40
-20
0
20
40
dL_BCS (Wm-2sr-1um-1)
0
5
10
15
20
+ 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


I5 SS2: SNR vs dL_BCS (powell)
I5 SS2, HAM= A (function)
I5 SS2, HAM= A (quadratic)
I5 SS2, HAM= A (weighted function)
I5 SS2, HAM= A (weighted quadratic)
SNR
0
200
400
600
800
1000
1200
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
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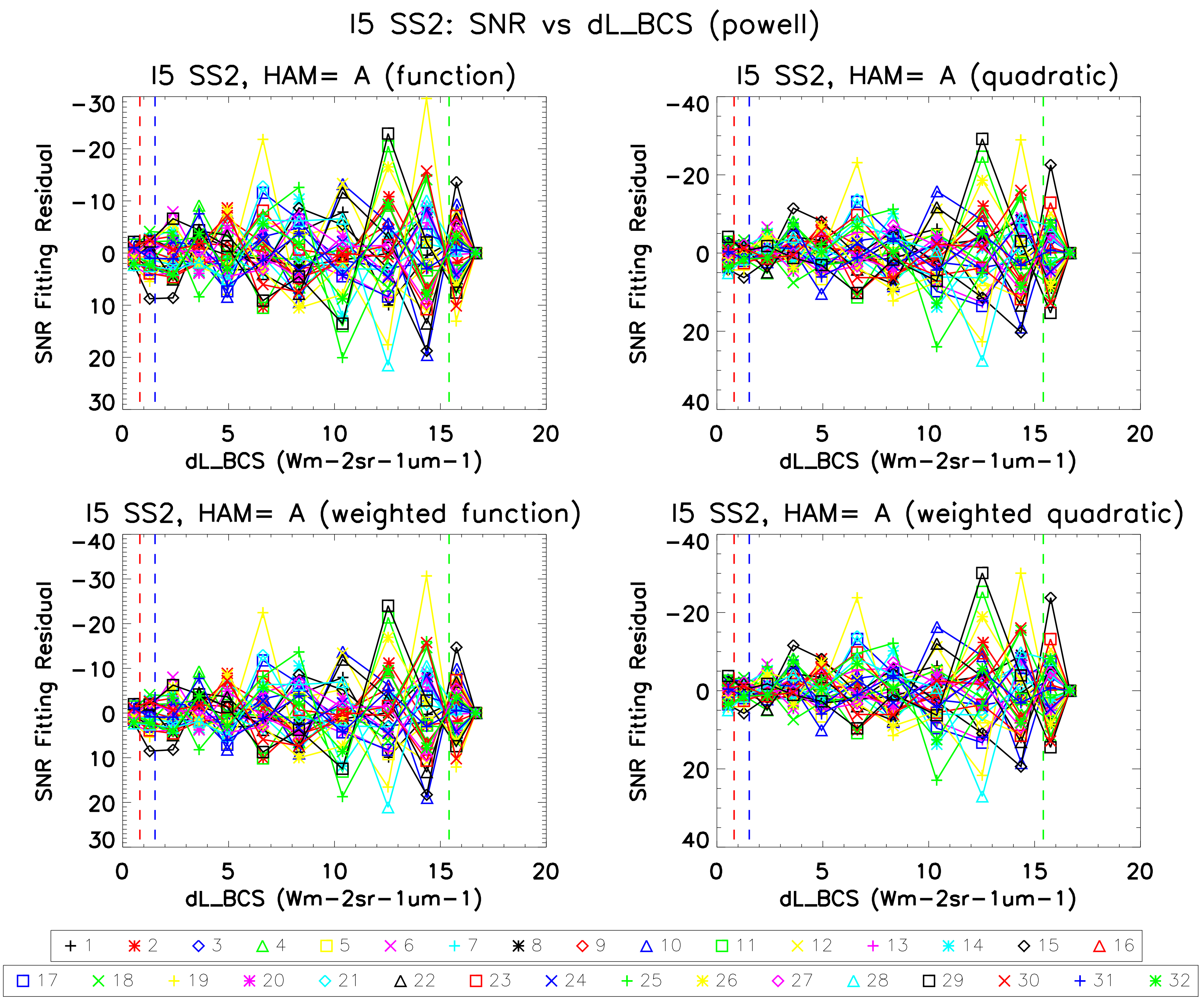
□ 23
× 24
+ 25
✳ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✳ 32


I5 SS2: SNR vs dL_BCS (powell)
I5 SS2, HAM= A (function)
I5 SS2, HAM= A (quadratic)
I5 SS2, HAM= A (weighted function)
I5 SS2, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−40
−30
−20
−10
0
10
20
30
40
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
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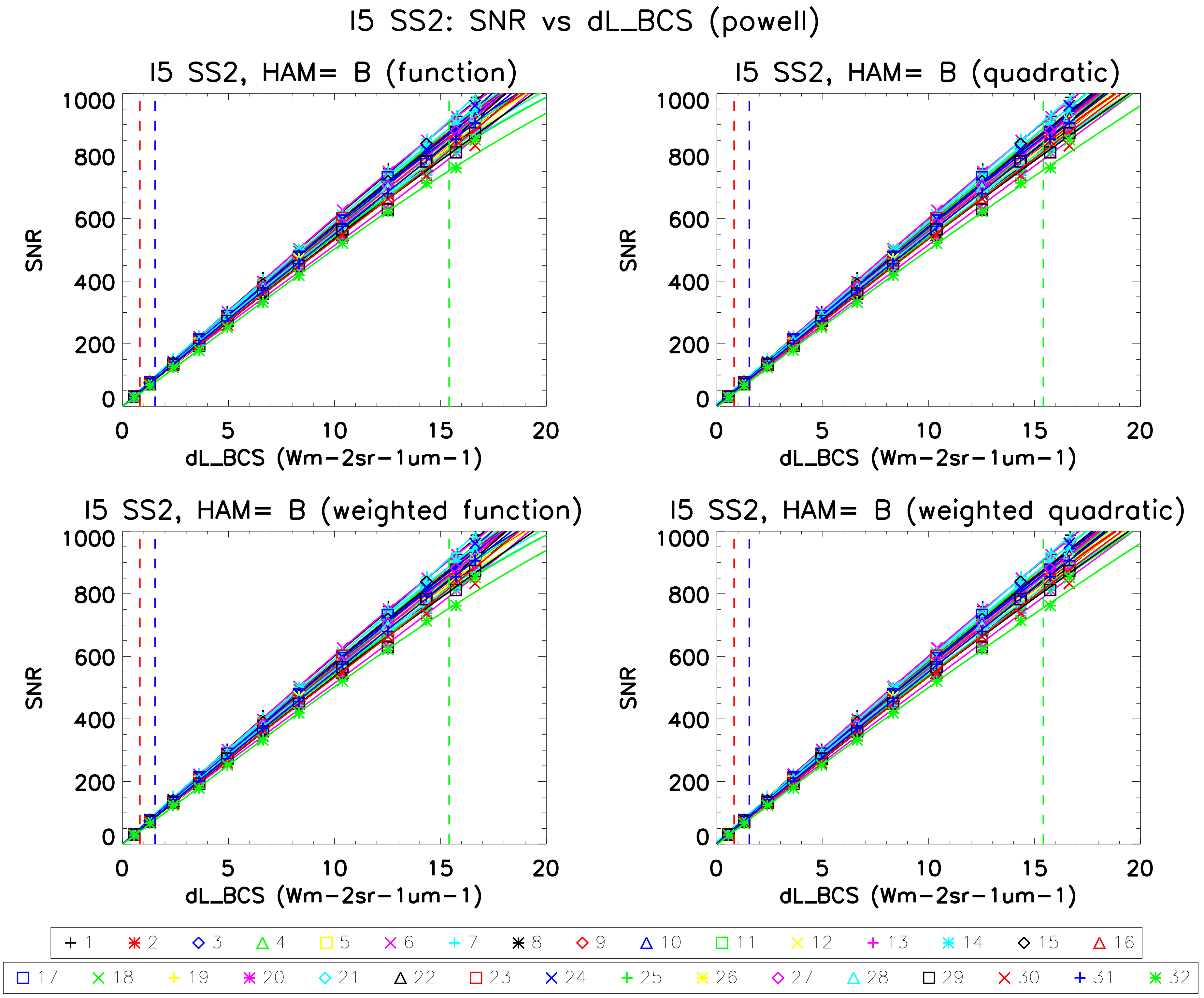
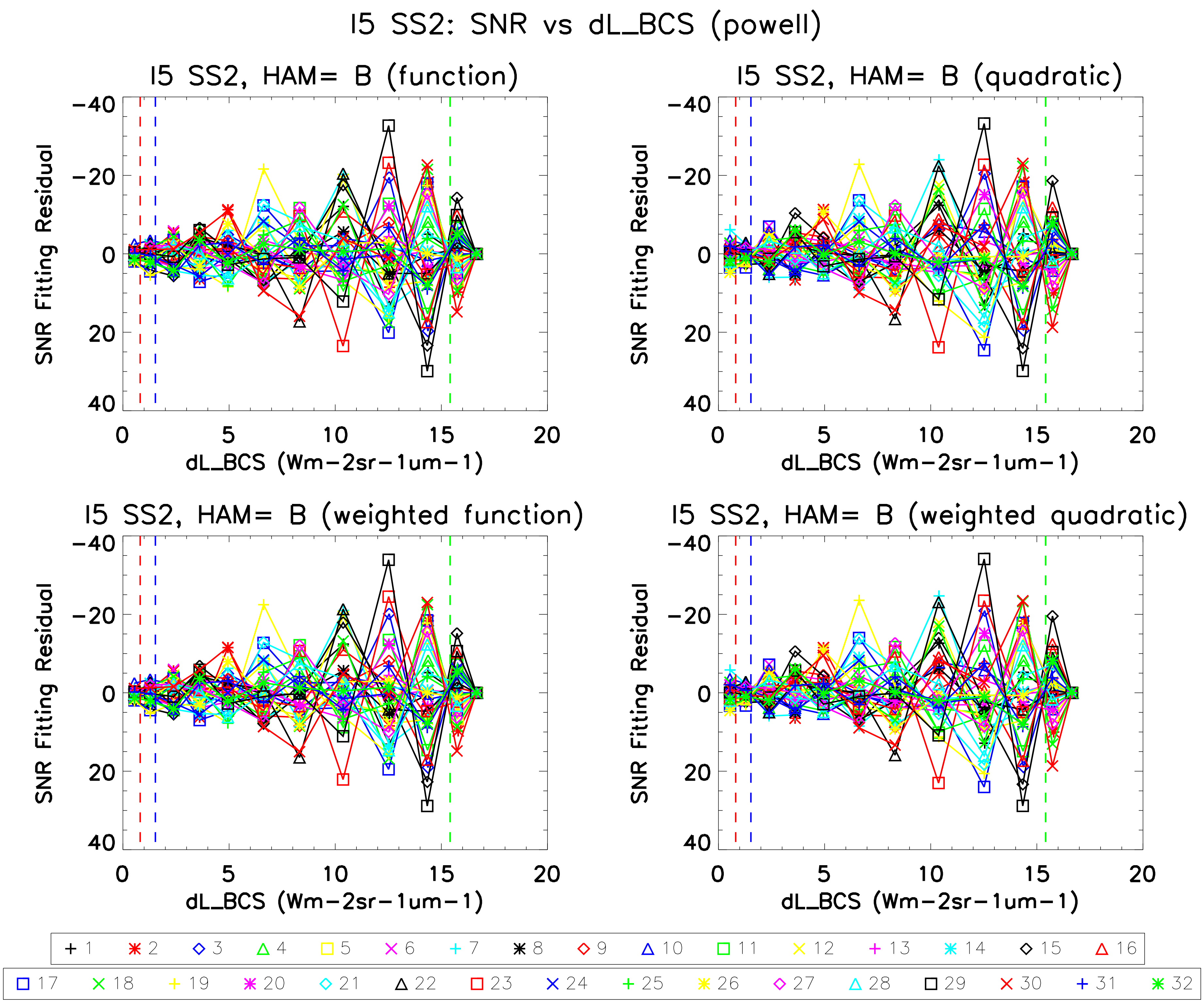
27
28
29
30
31
32


I5 SS2: SNR vs dL_BCS (powell)
I5 SS2, HAM= B (function)
I5 SS2, HAM= B (quadratic)
I5 SS2, HAM= B (weighted function)
I5 SS2, HAM= B (weighted quadratic)
SNR
0
200
400
600
800
1000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 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


I5 SS2: SNR vs dL_BCS (powell)
I5 SS2, HAM= B (function)
I5 SS2, HAM= B (quadratic)
I5 SS2, HAM= B (weighted function)
I5 SS2, HAM= B (weighted quadratic)
SNR Fitting Residual
-40
-20
0
20
40
dL_BCS (Wm-2sr-1um-1)
0
5
10
15
20
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
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21
22
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25
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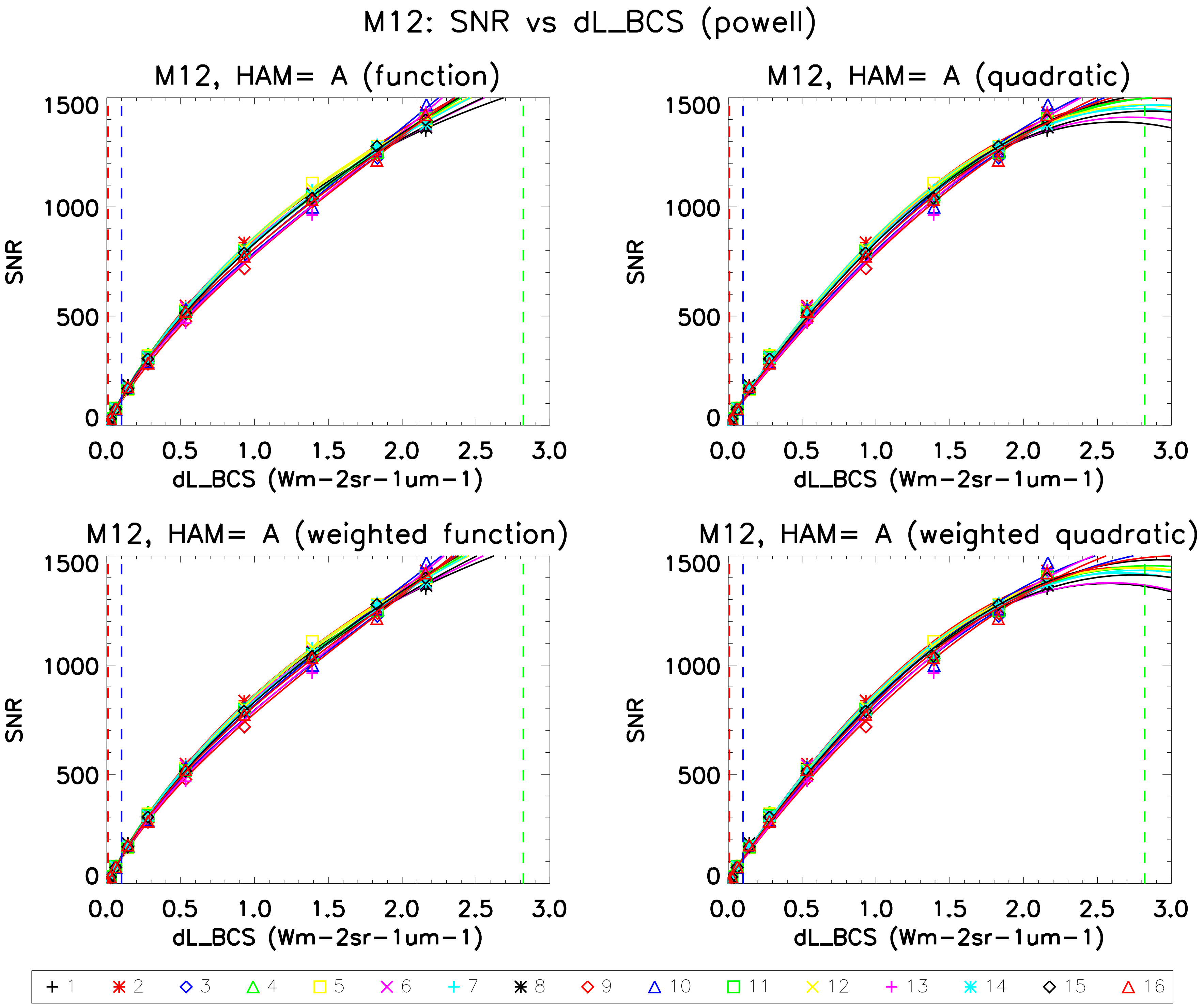
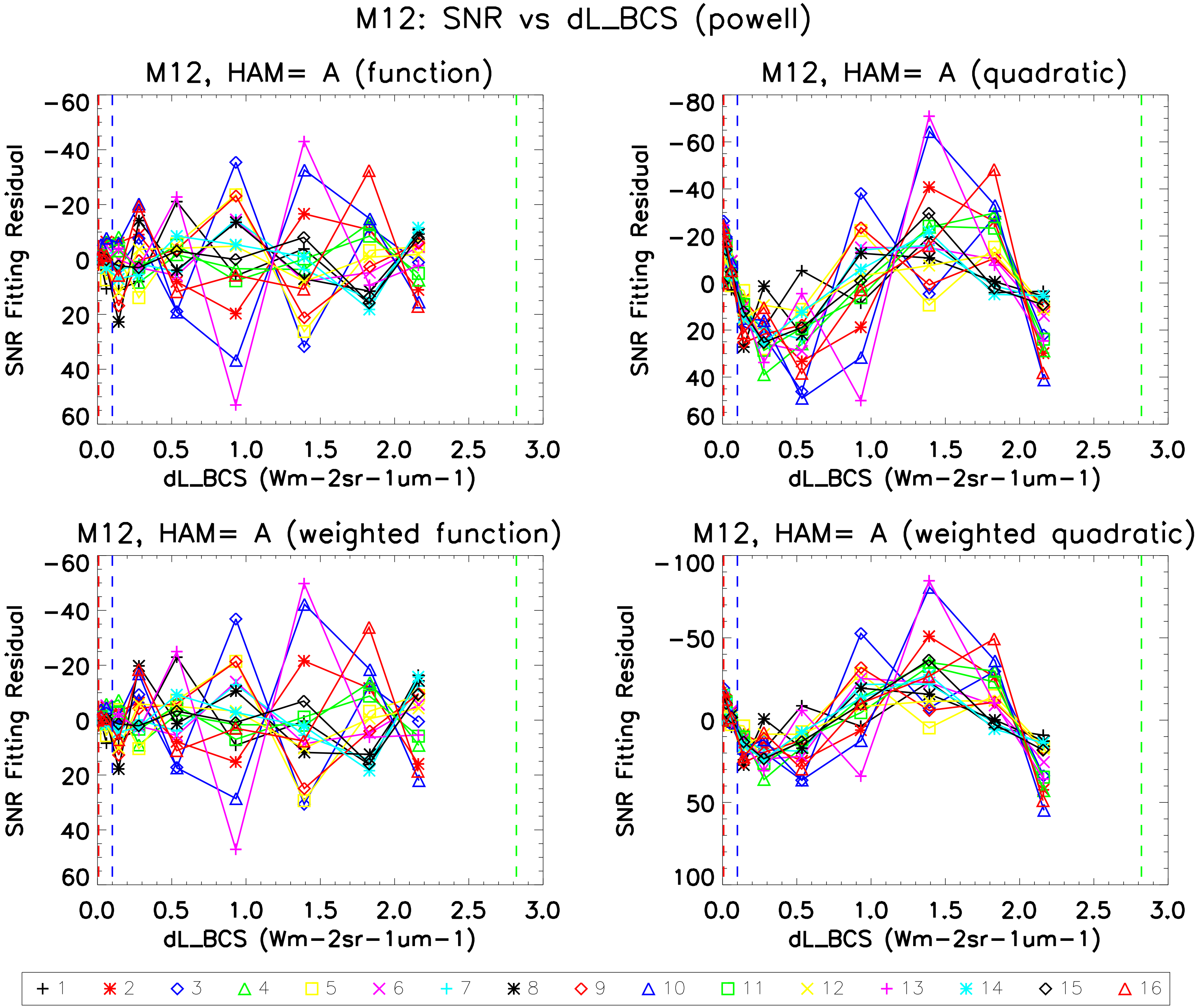
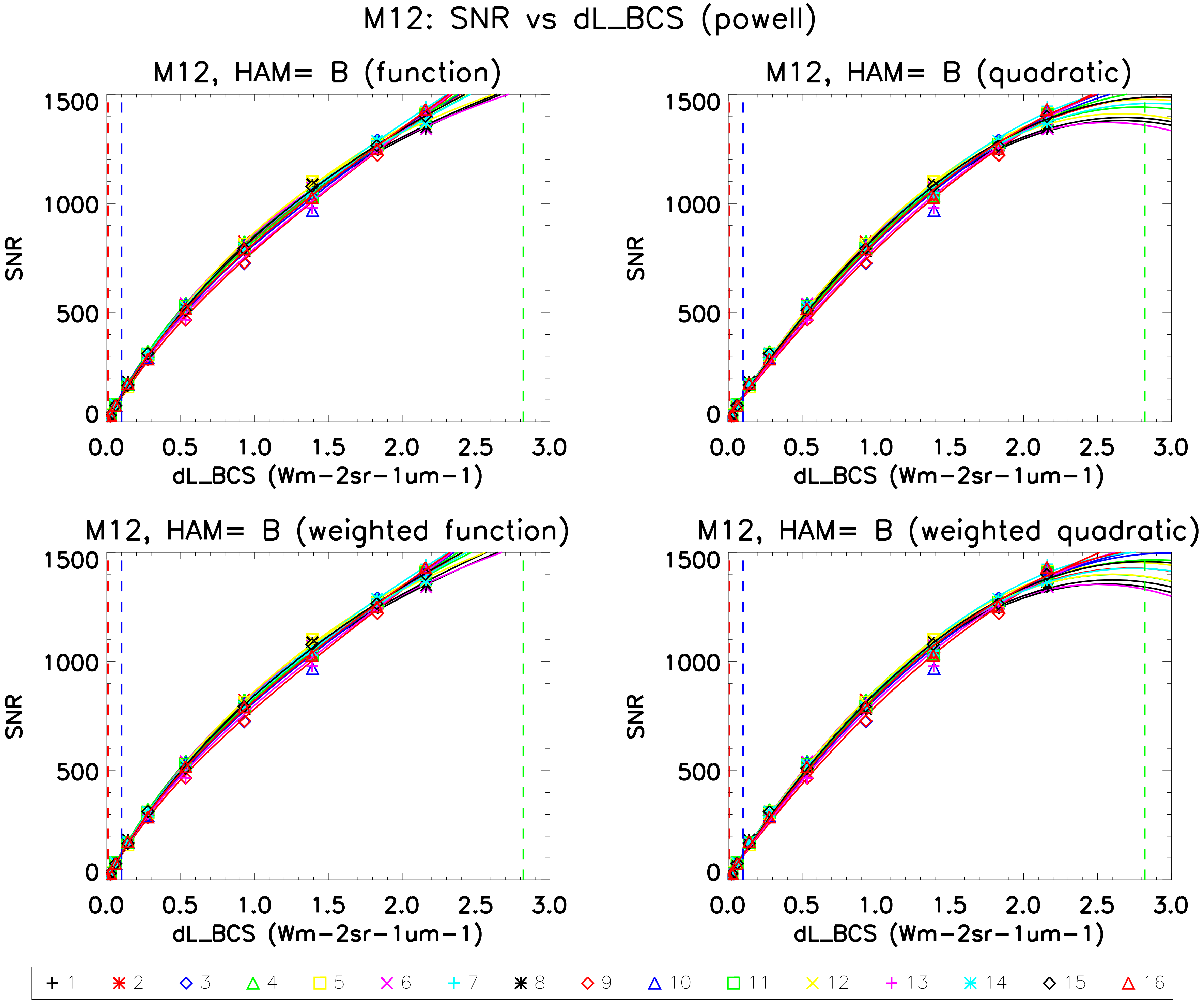
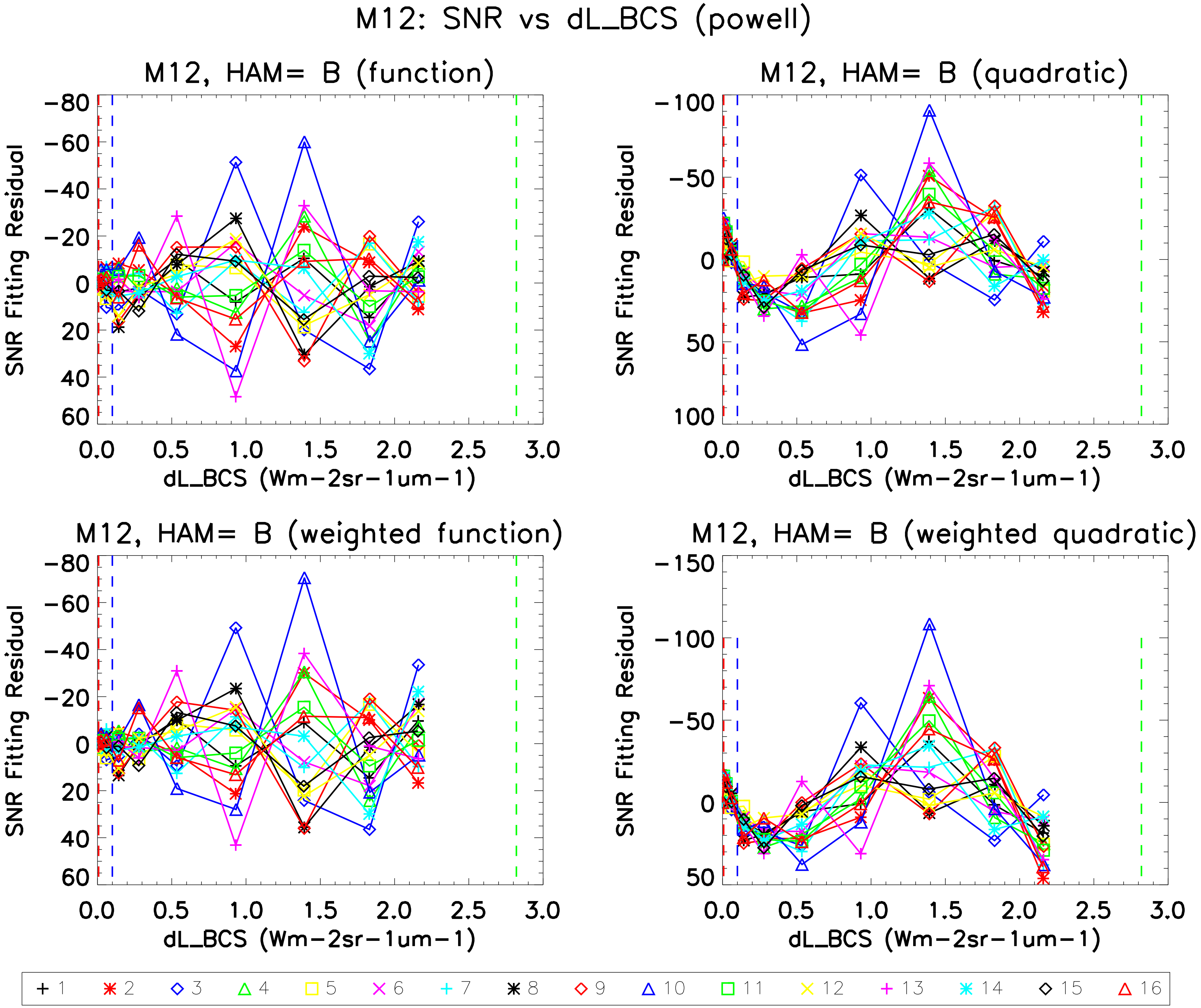
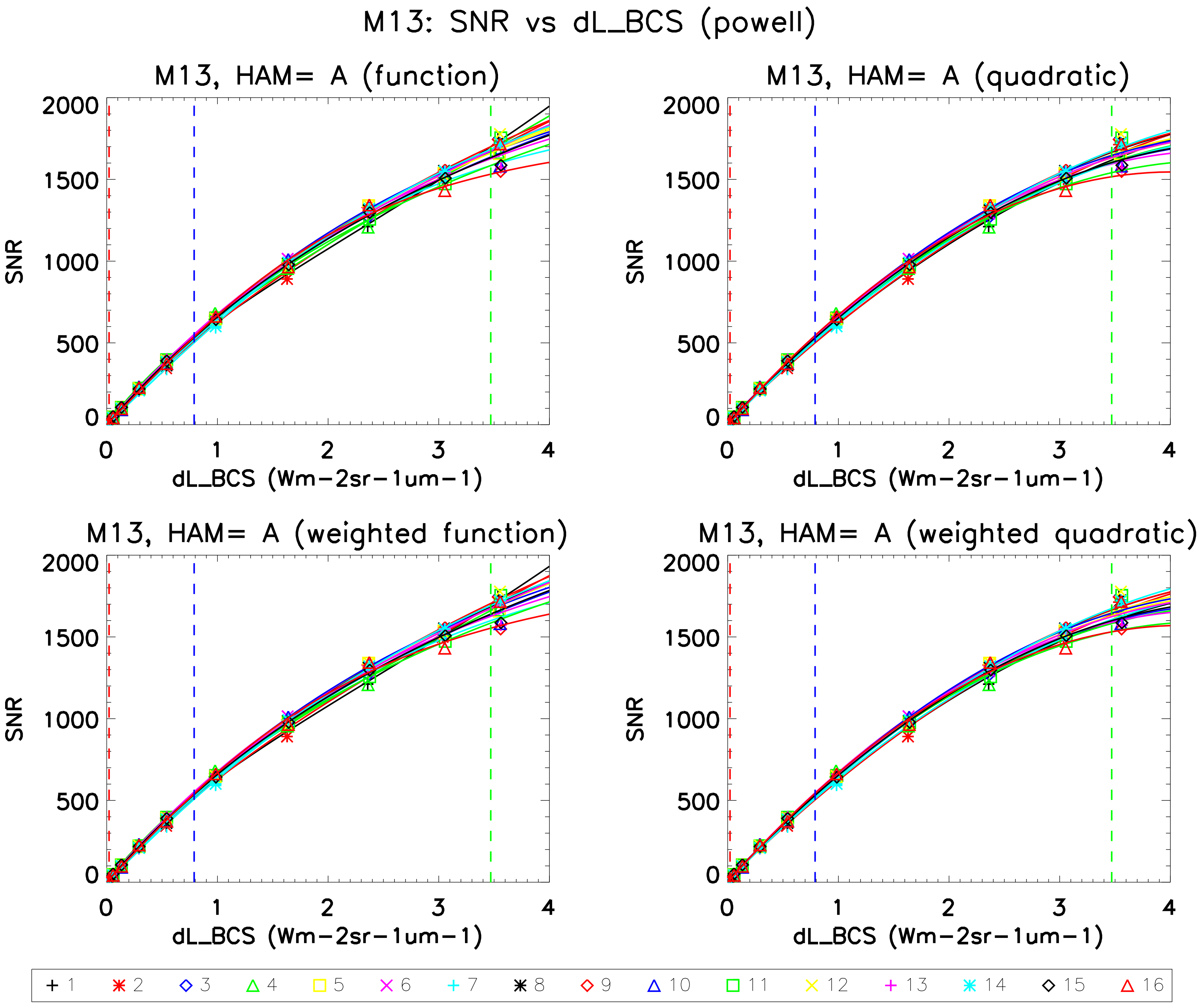
28
29
30
31
32

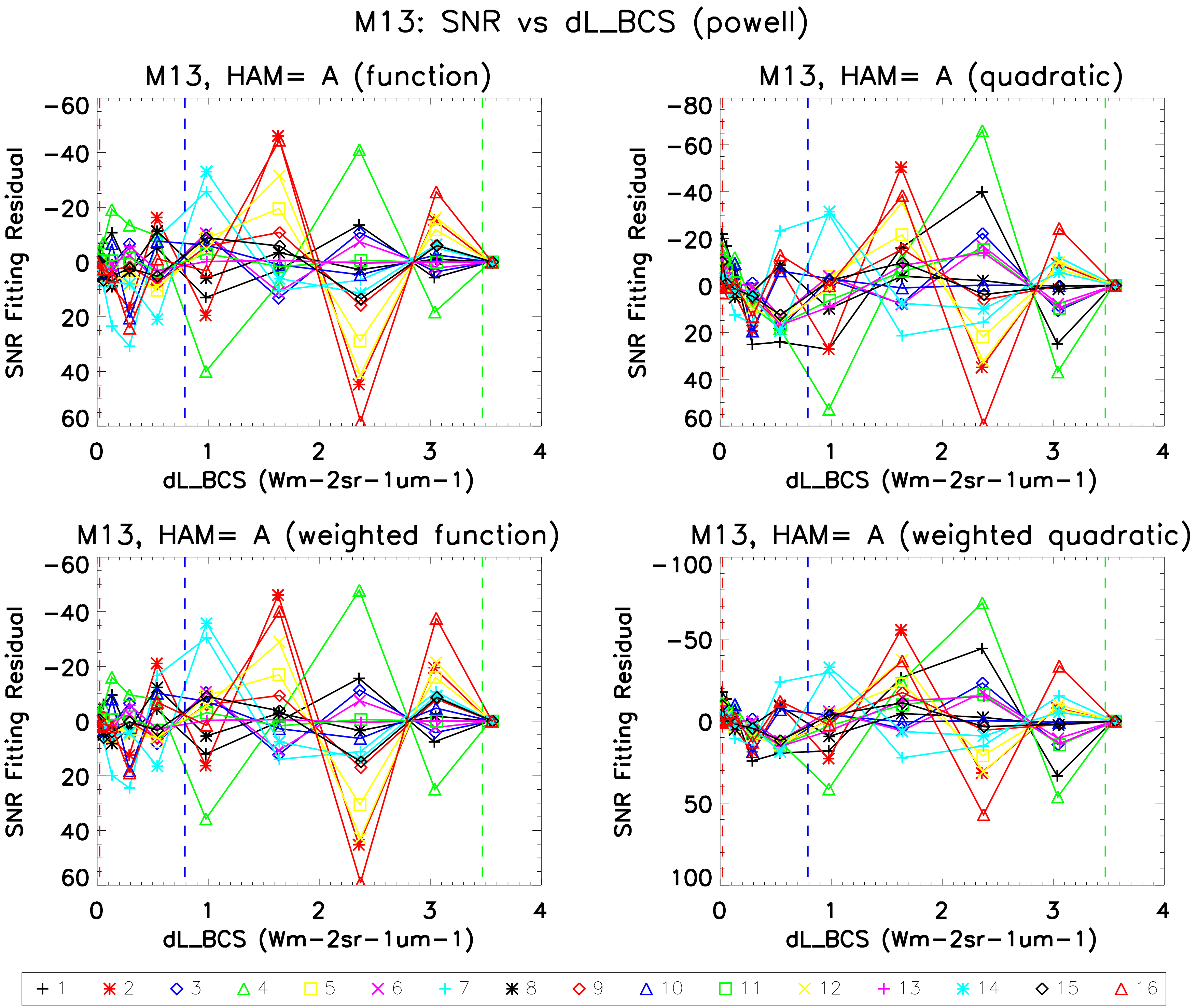

M12: SNR vs dL_BCS (powell)
M12, HAM= A (function)
M12, HAM= A (quadratic)
M12, HAM= A (weighted function)
M12, HAM= A (weighted quadratic)
SNR
0
500
1000
1500
dL_BCS (Wm-2sr-1um-1)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

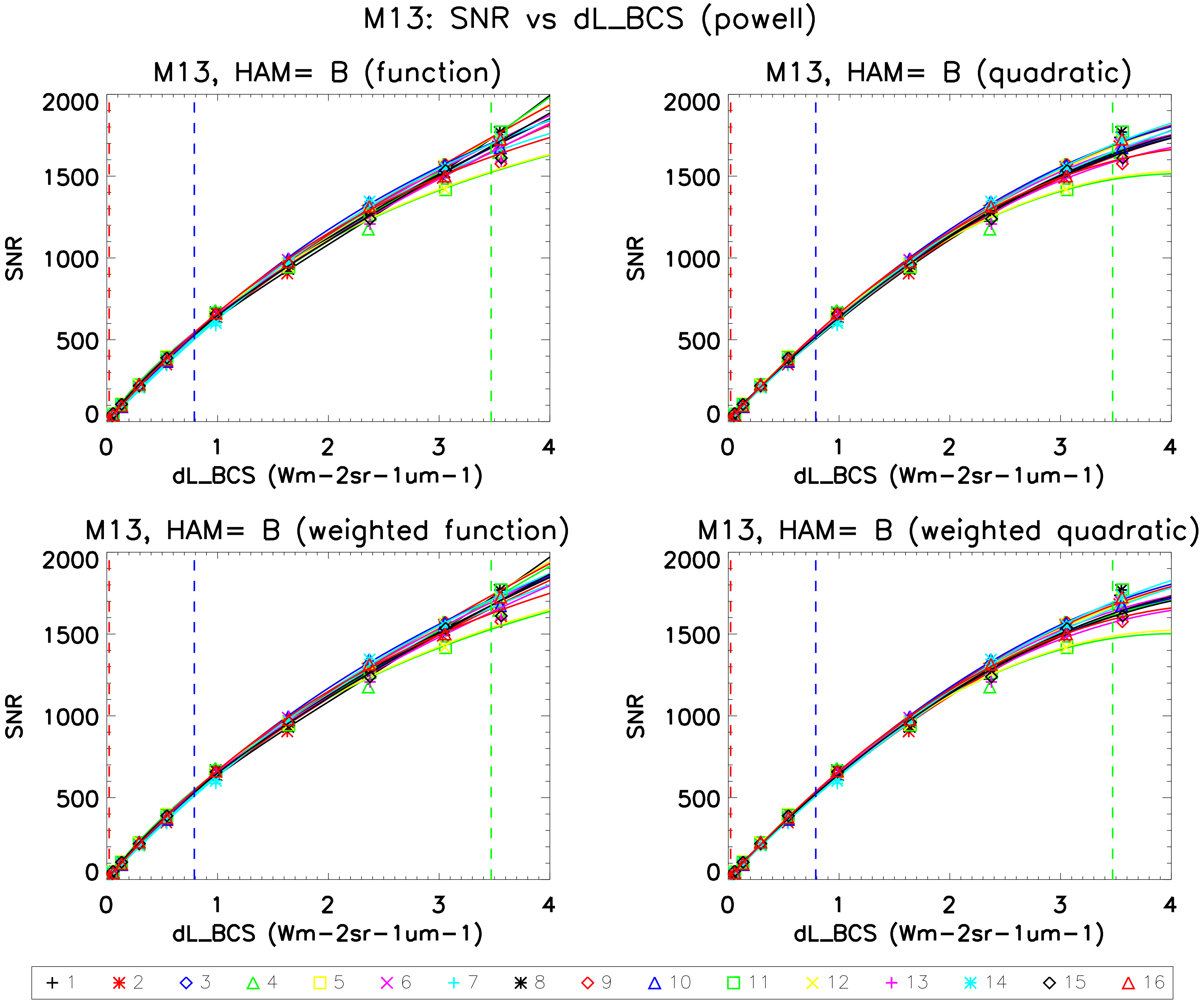

M12: SNR vs dL_BCS (powell)
M12, HAM= A (function)
M12, HAM= A (quadratic)
M12, HAM= A (weighted function)
M12, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
0.0 0.5 1.0 1.5 2.0 2.5 3.0
−60 −40 −20 0 20 40 60
−80 −60 −40 −20 0 20 40 60
−100 −50 0 50 100
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

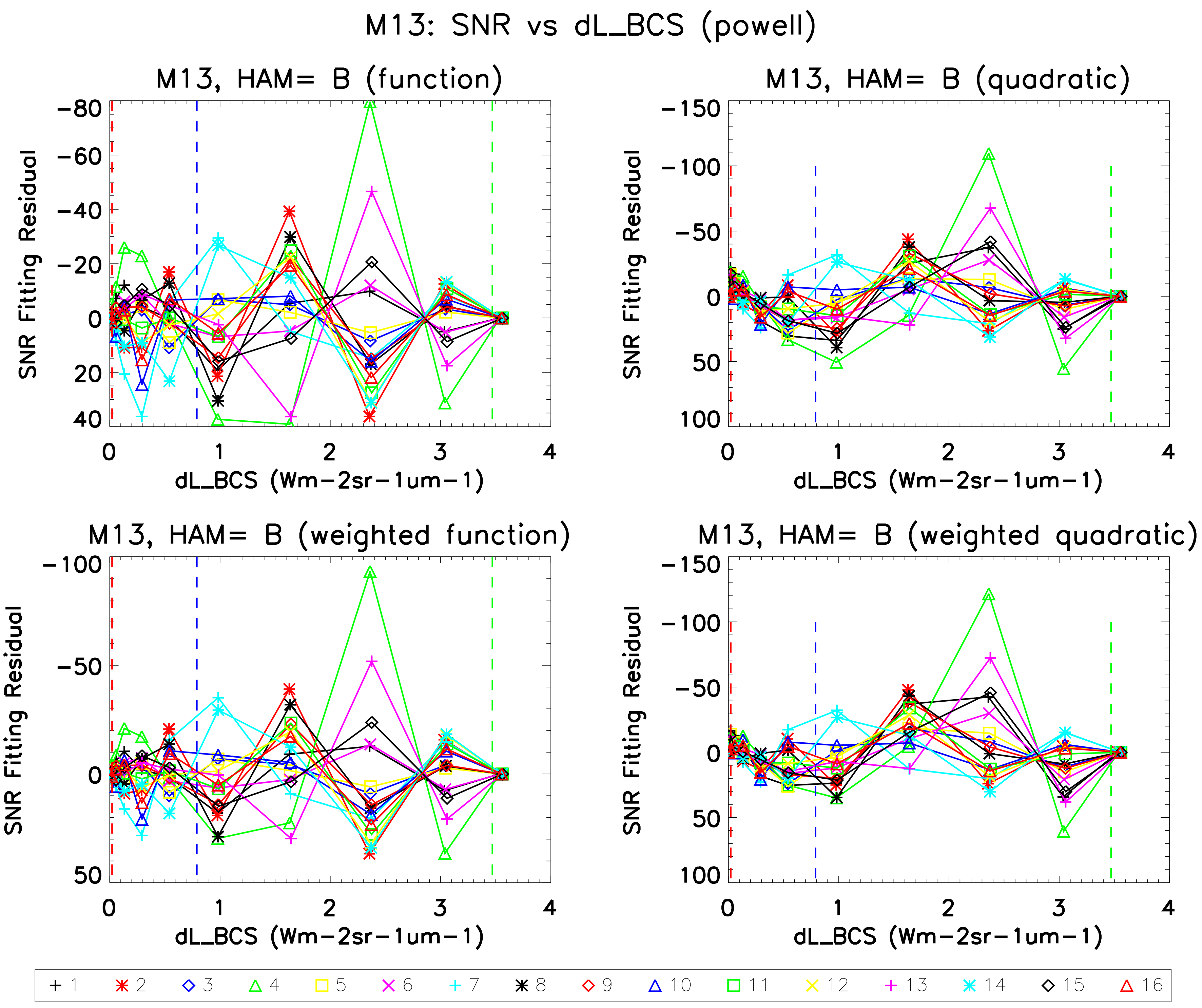

M12: SNR vs dL_BCS (powell)
M12, HAM= B (function)
M12, HAM= B (quadratic)
M12, HAM= B (weighted function)
M12, HAM= B (weighted quadratic)
SNR
0
500
1000
1500
0.0
0.5
1.0
1.5
2.0
2.5
3.0
dL_BCS (Wm−2sr−1um−1)
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

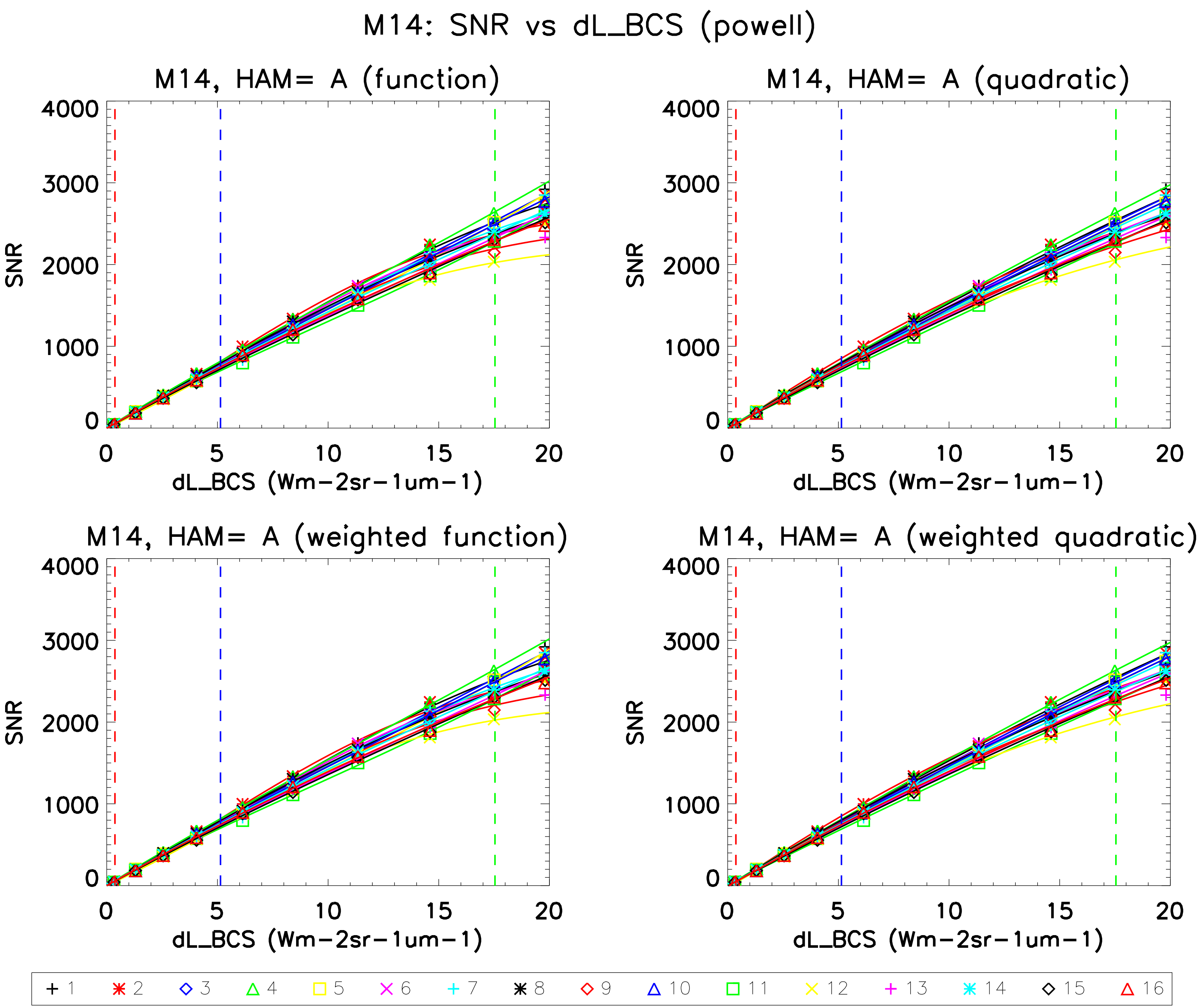

M12: SNR vs dL_BCS (powell)
M12, HAM= B (function)
M12, HAM= B (quadratic)
M12, HAM= B (weighted function)
M12, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−80
−60
−40
−20
0
20
40
60
−100
−50
50
100
−150
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

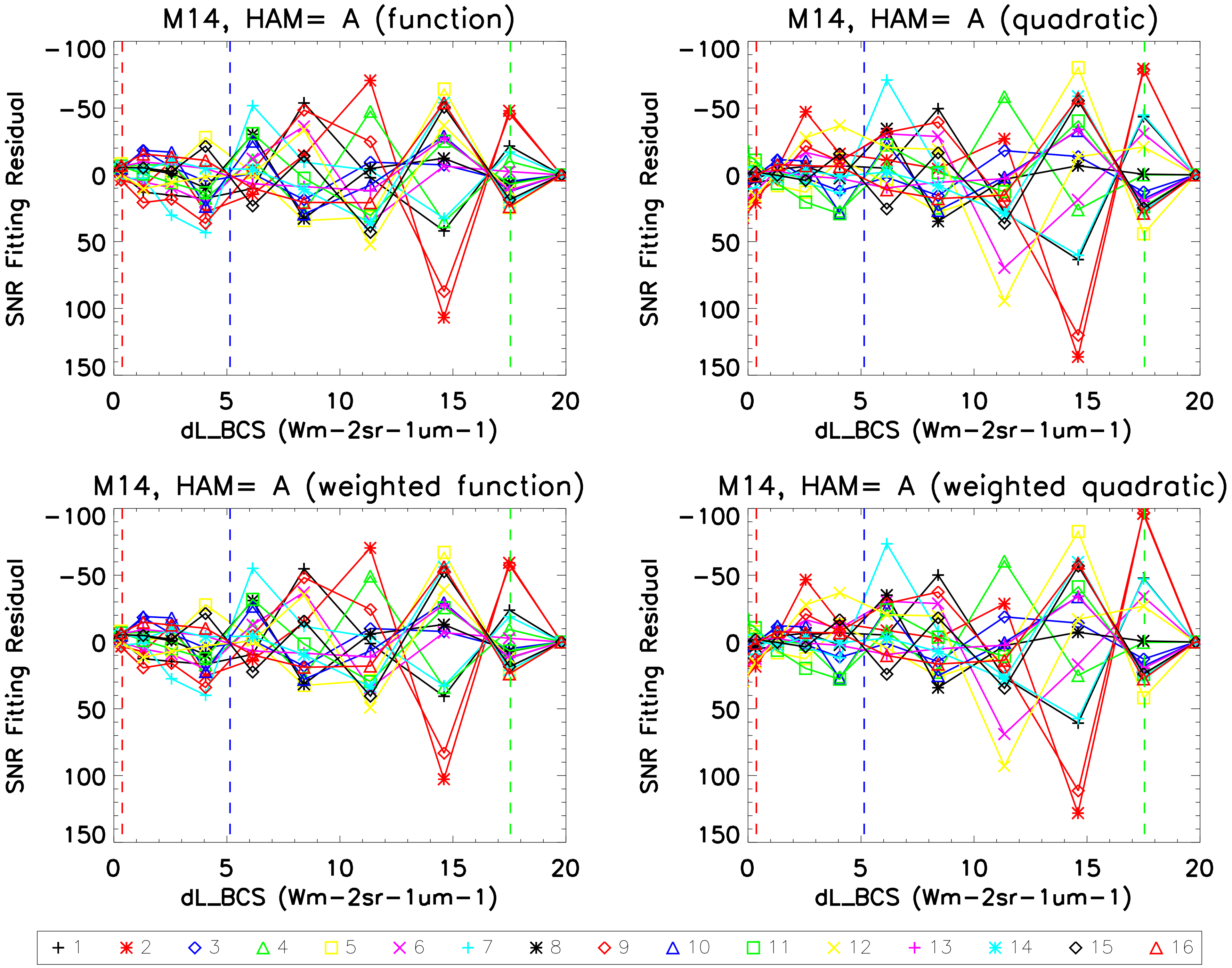

M13: SNR vs dL_BCS (powell)
M13, HAM= A (function)
M13, HAM= A (quadratic)
M13, HAM= A (weighted function)
M13, HAM= A (weighted quadratic)
SNR
2000
1500
1000
500
0
dL_BCS (Wm−2sr−1um−1)
0
1
2
3
4
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

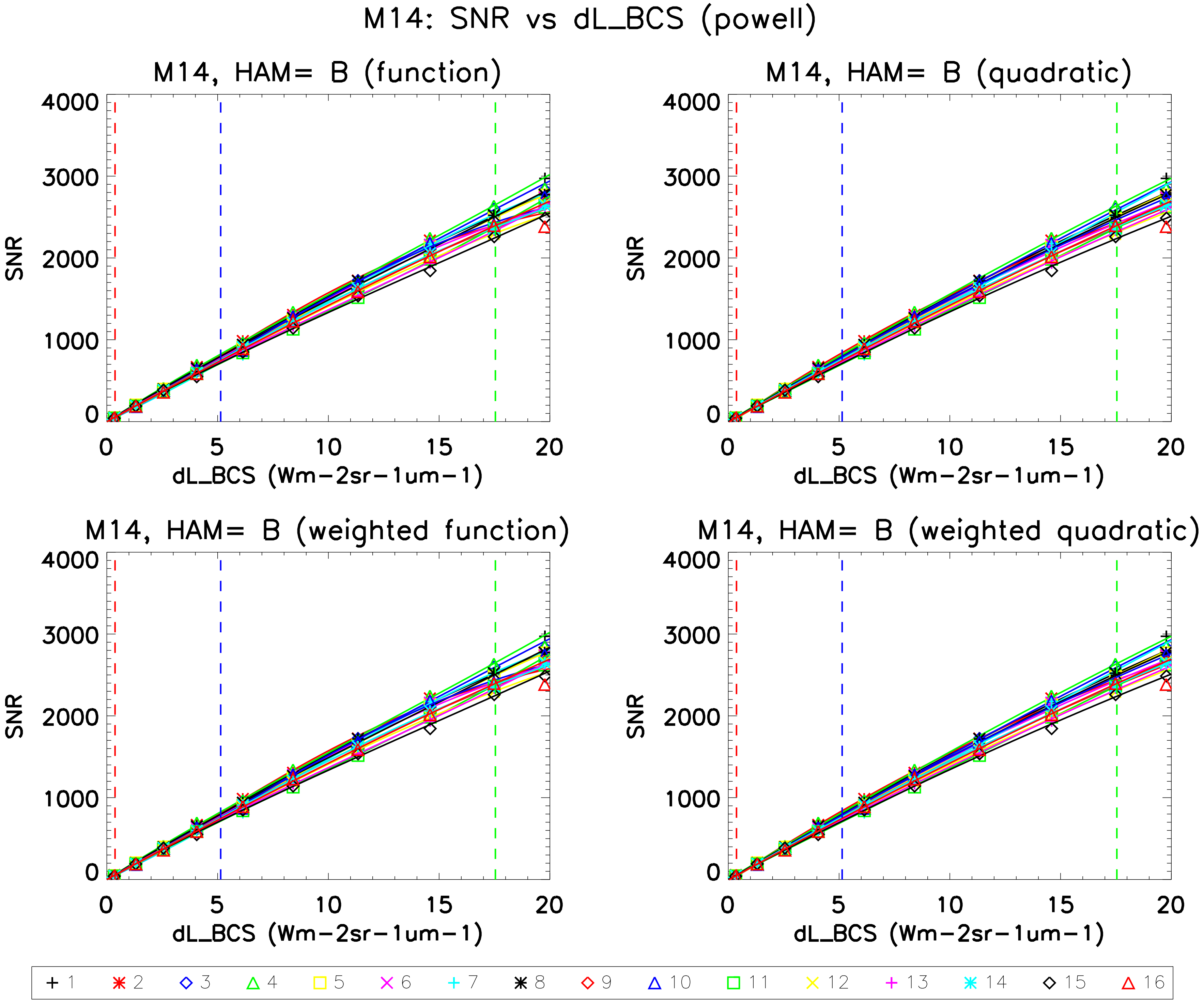

M13: SNR vs dL_BCS (powell)
M13, HAM= A (function)
M13, HAM= A (quadratic)
M13, HAM= A (weighted function)
M13, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−80
−60
−40
−20
0
20
40
60
−100
−50
50
100
0
1
2
3
4
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

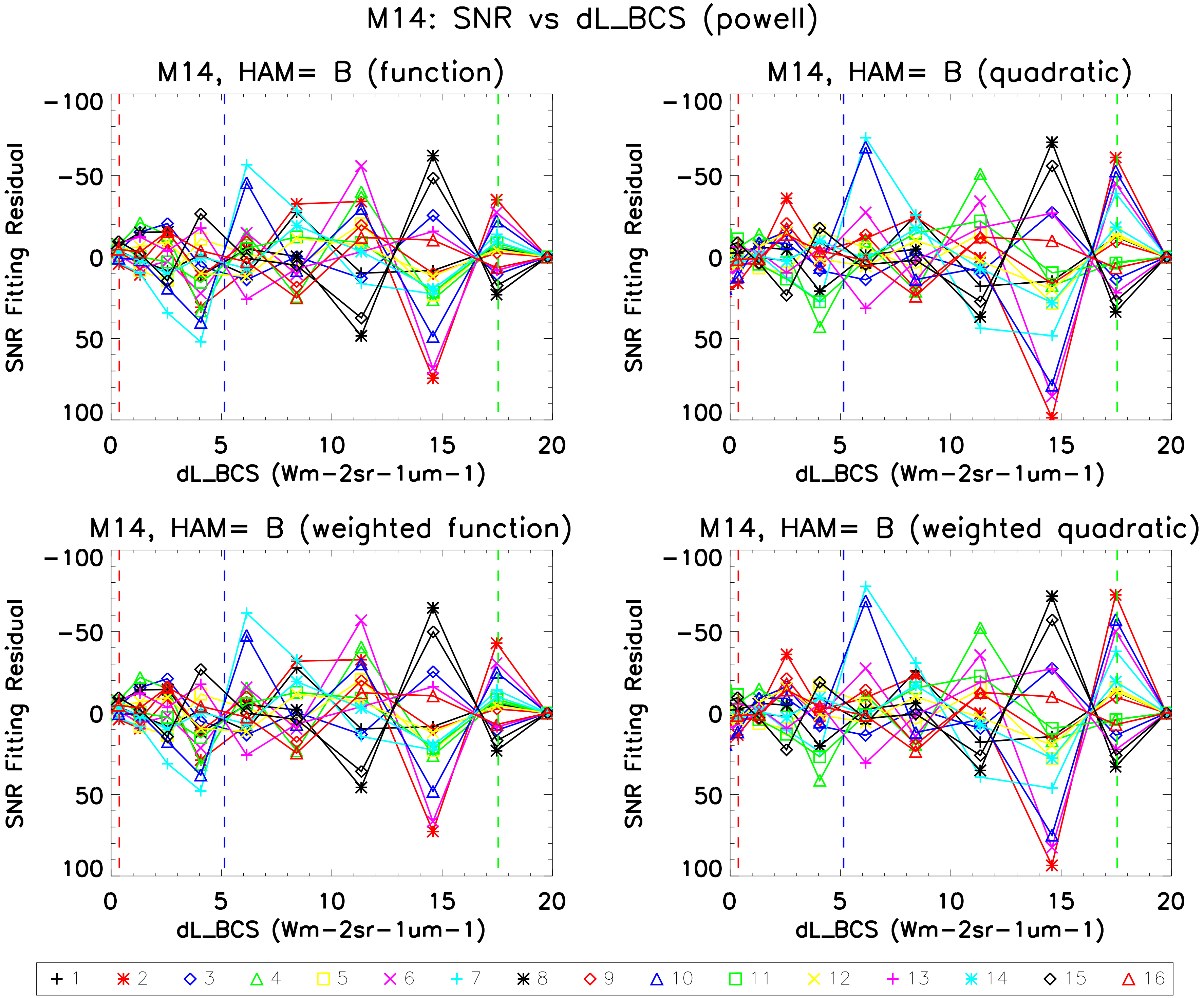

M13: SNR vs dL_BCS (powell)
M13, HAM= B (function)
M13, HAM= B (quadratic)
M13, HAM= B (weighted function)
M13, HAM= B (weighted quadratic)
SNR
0
500
1000
1500
2000
dL_BCS (Wm−2sr−1um−1)
0
1
2
3
4
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

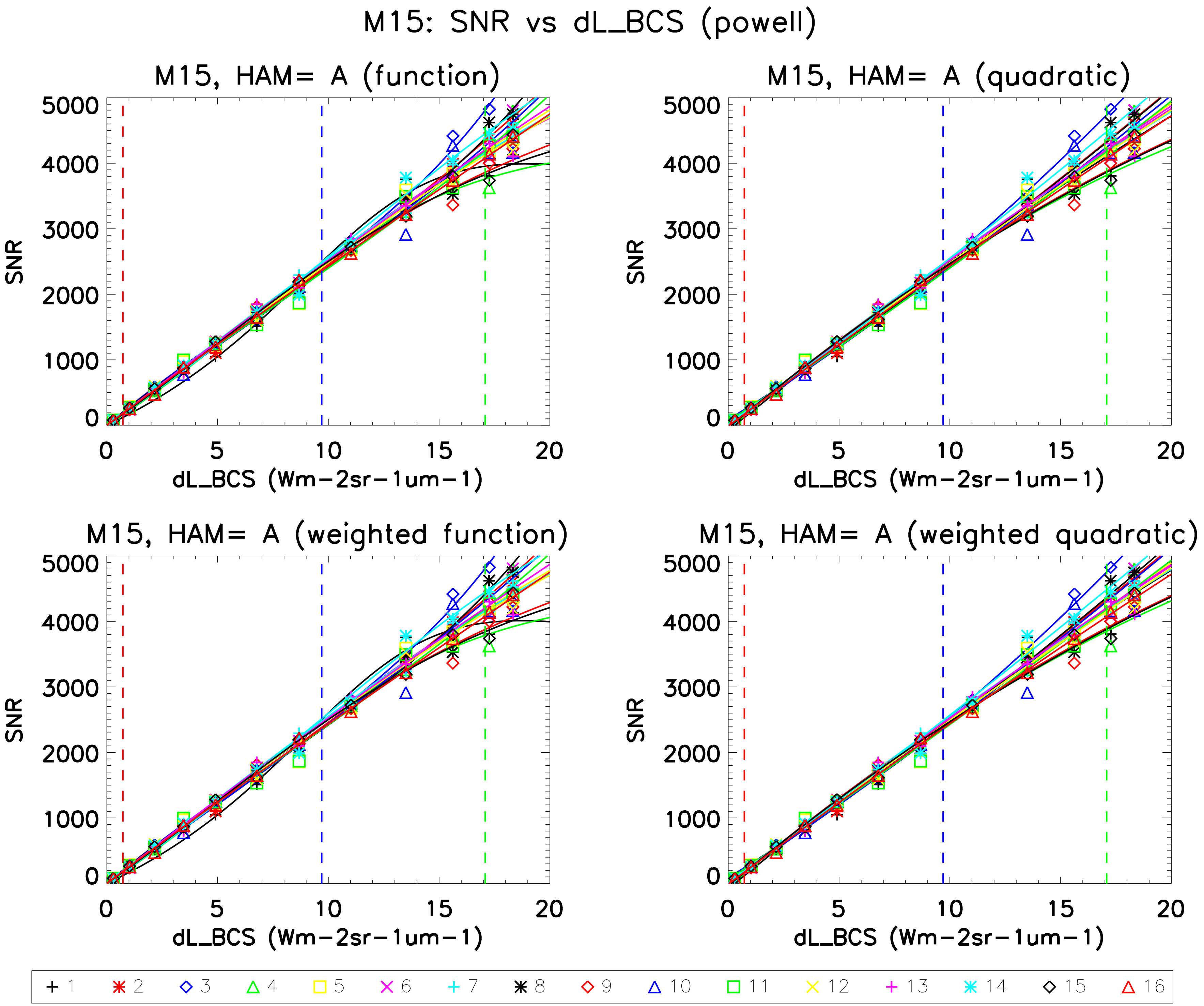

M13: SNR vs dL_BCS (powell)
M13, HAM= B (function)
M13, HAM= B (quadratic)
M13, HAM= B (weighted function)
M13, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−80
−60
−40
−20
0
20
40
−150
−100
−50
50
100
1
2
3
4
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

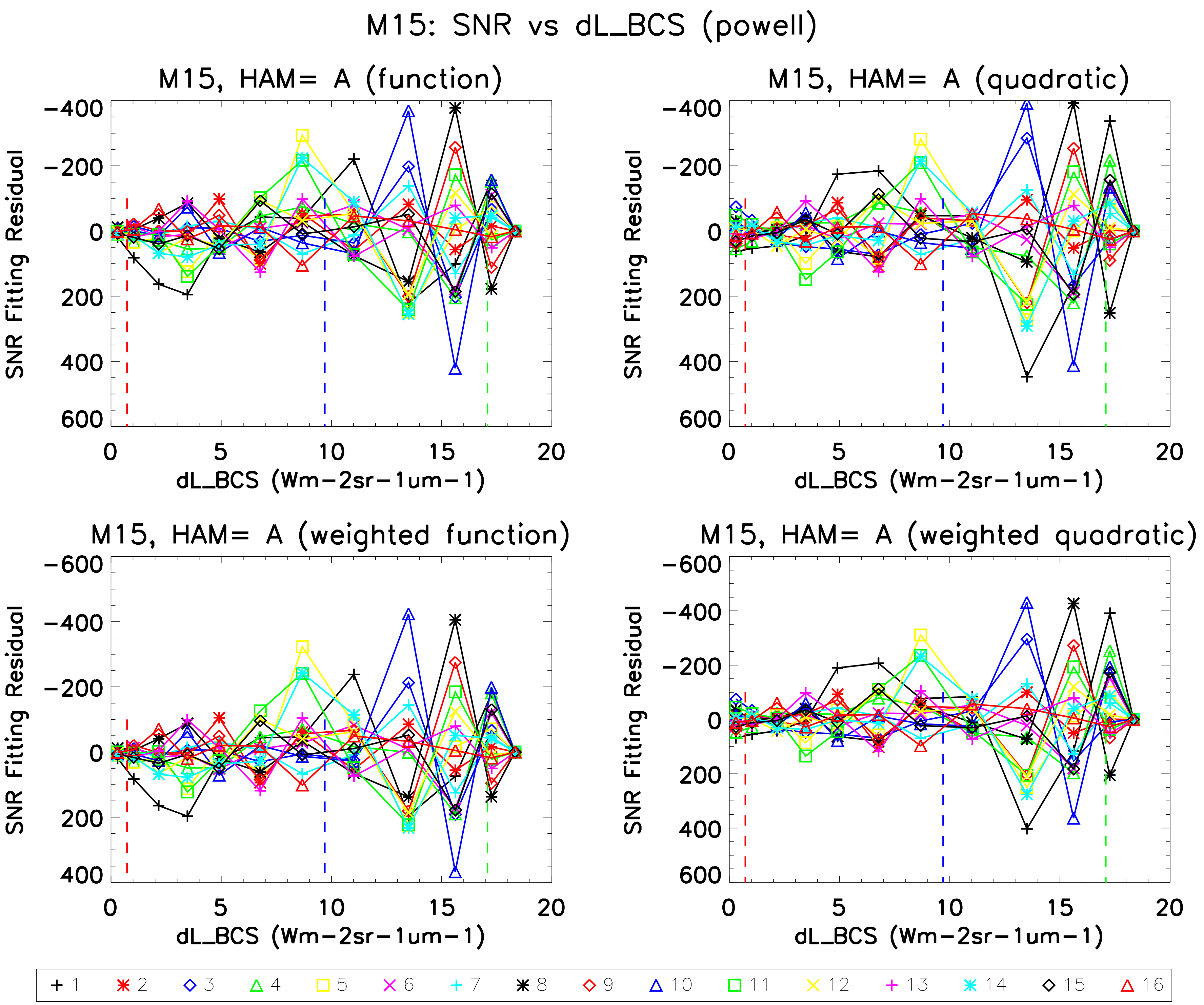

M14: SNR vs dL_BCS (powell)
M14, HAM= A (function)
M14, HAM= A (quadratic)
M14, HAM= A (weighted function)
M14, HAM= A (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

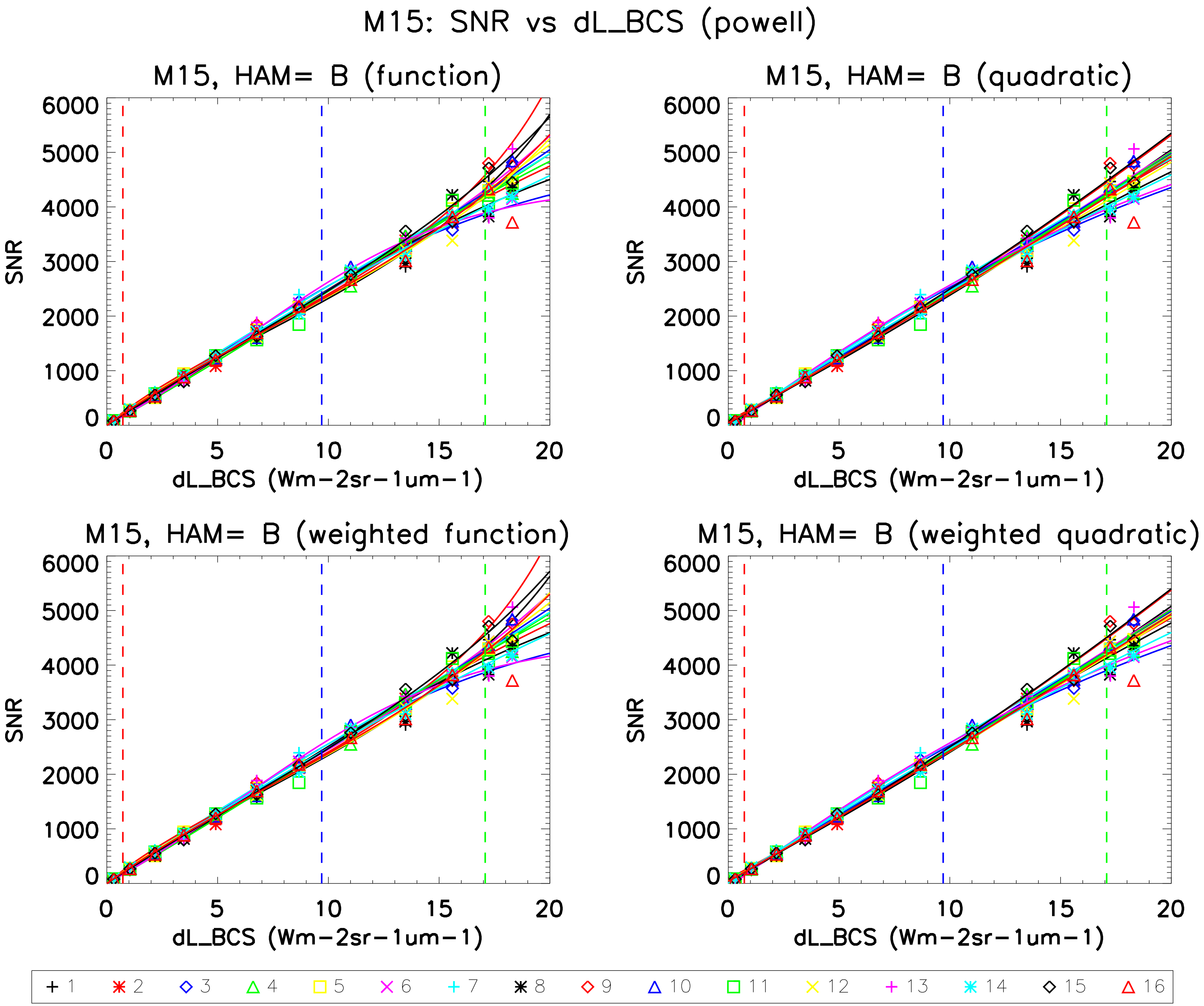

M14: SNR vs dL_BCS (powell)

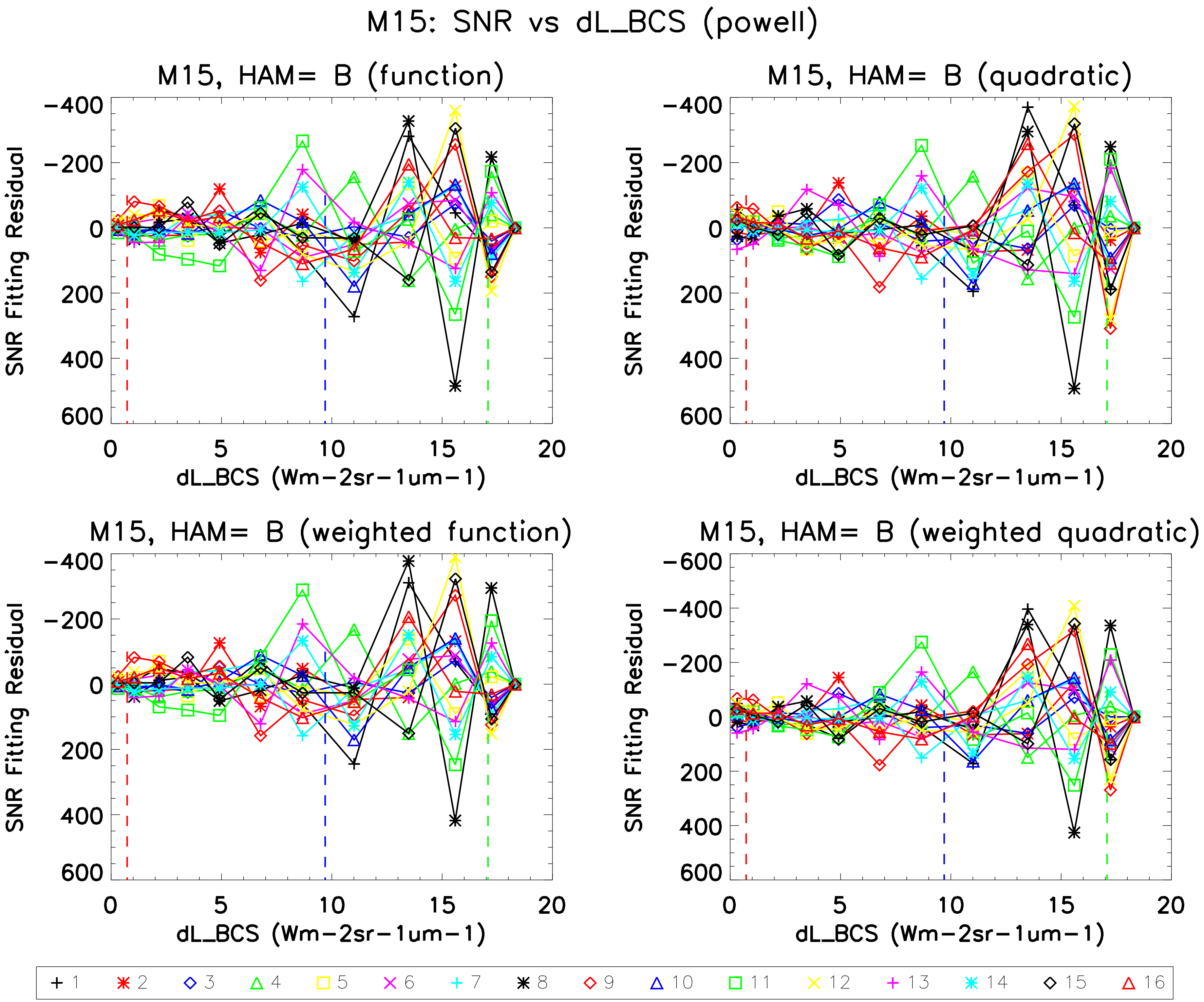

M14: SNR vs dL_BCS (powell)
M14, HAM= B (function)
M14, HAM= B (quadratic)
M14, HAM= B (weighted function)
M14, HAM= B (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

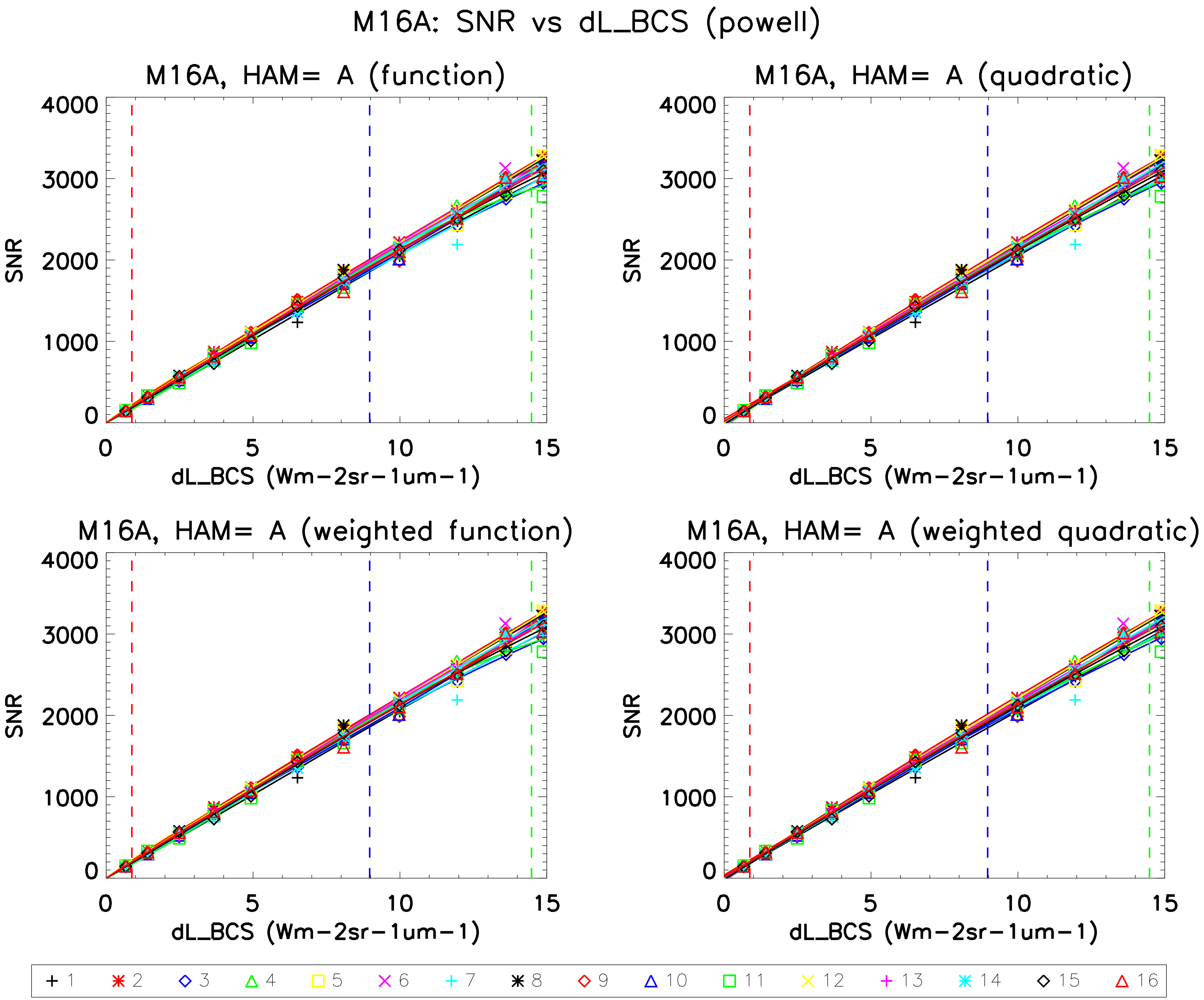

M14: SNR vs dL_BCS (powell)
M14, HAM= B (function)
M14, HAM= B (quadratic)
M14, HAM= B (weighted function)
M14, HAM= B (weighted quadratic)
SNR Fitting Residual
-100
-50
0
50
100
0
5
10
15
20
dL_BCS (Wm-2sr-1um-1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

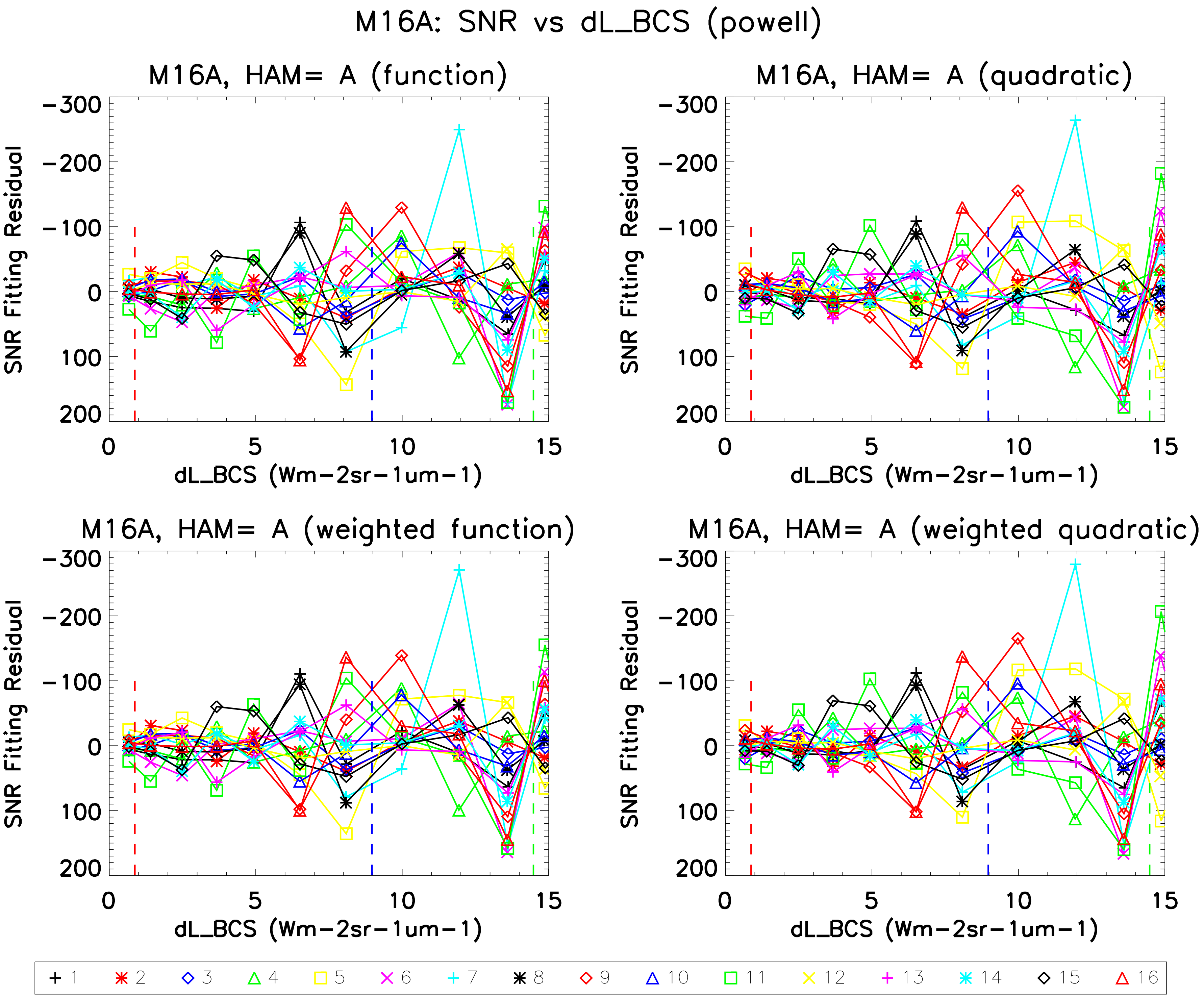

M15: SNR vs dL_BCS (powell)
M15, HAM= A (function)
M15, HAM= A (quadratic)
M15, HAM= A (weighted function)
M15, HAM= A (weighted quadratic)
SNR
0
1000
2000
3000
4000
5000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

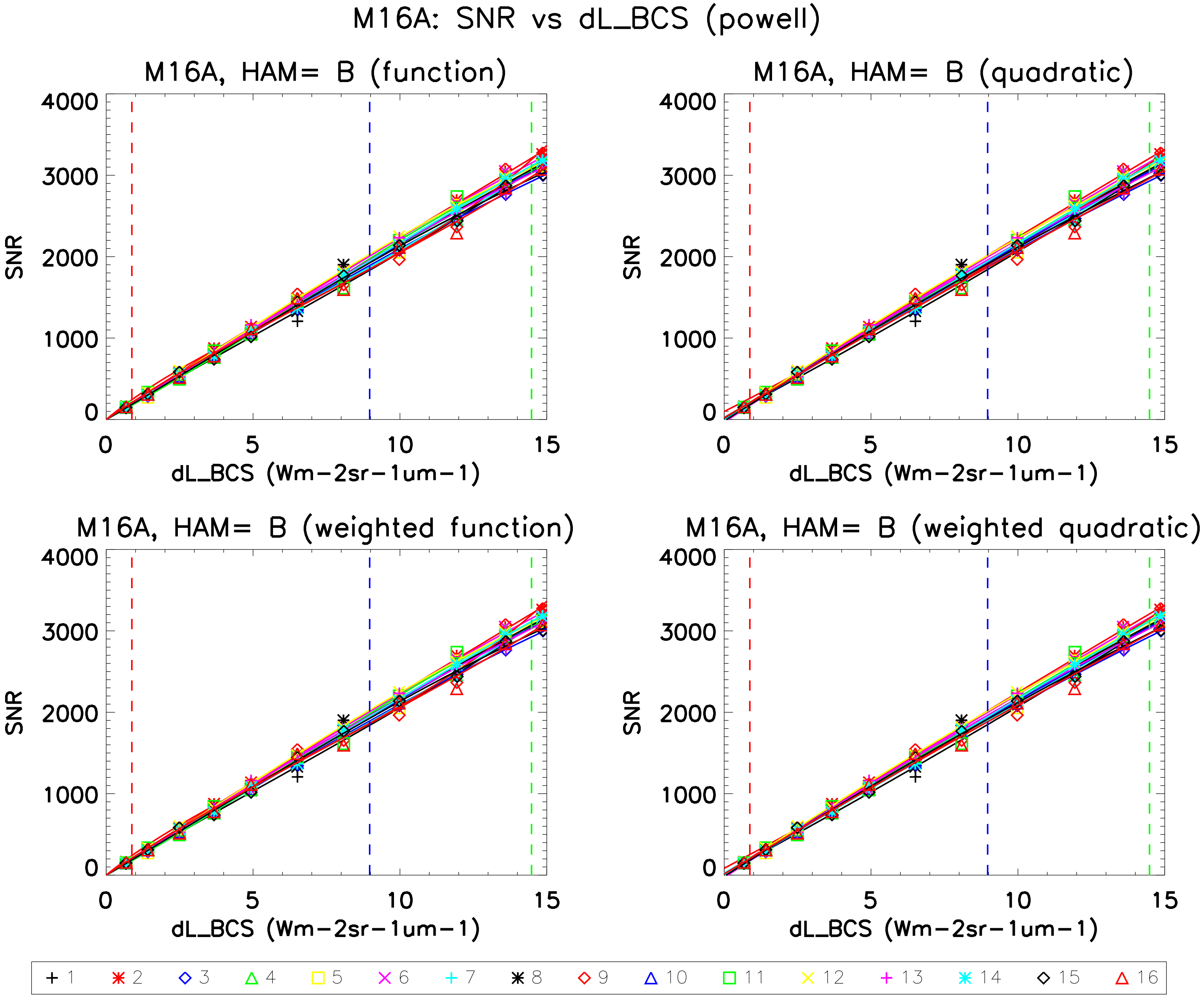

M15: SNR vs dL_BCS (powell)
M15, HAM= A (function)
M15, HAM= A (quadratic)
M15, HAM= A (weighted function)
M15, HAM= A (weighted quadratic)
SNR Fitting Residual
-600
-400
-200
0
200
400
600
dL_BCS (Wm-2sr-1um-1)
0
5
10
15
20
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

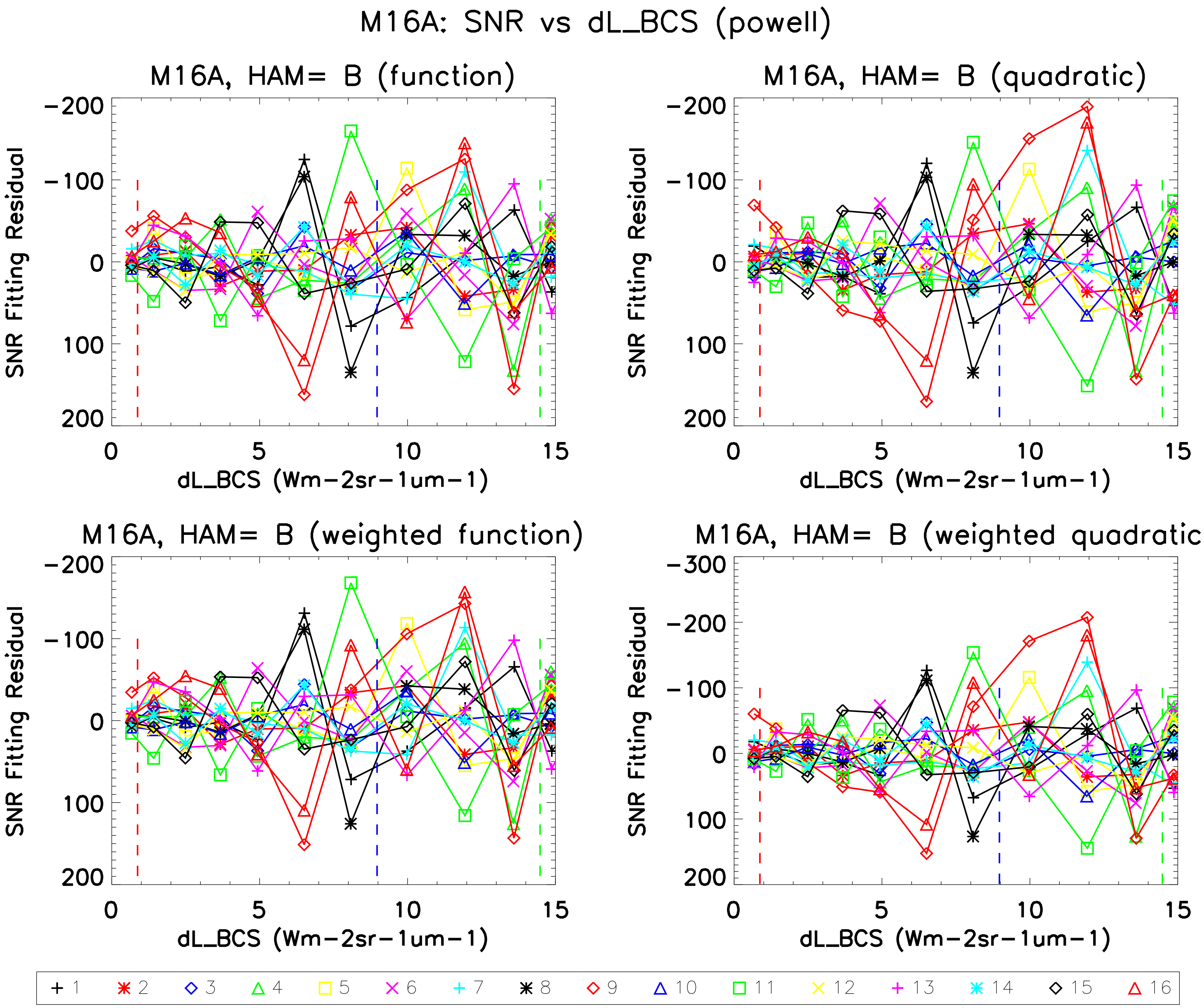

M15: SNR vs dL_BCS (powell)
M15, HAM= B (function)
M15, HAM= B (quadratic)
M15, HAM= B (weighted function)
M15, HAM= B (weighted quadratic)
SNR
0
1000
2000
3000
4000
5000
6000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
20
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16


M15: SNR vs dL_BCS (powell)
M15, HAM= B (function)
M15, HAM= B (quadratic)
M15, HAM= B (weighted function)
M15, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−600
−400
−200
0
200
400
600
0
5
10
15
20
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

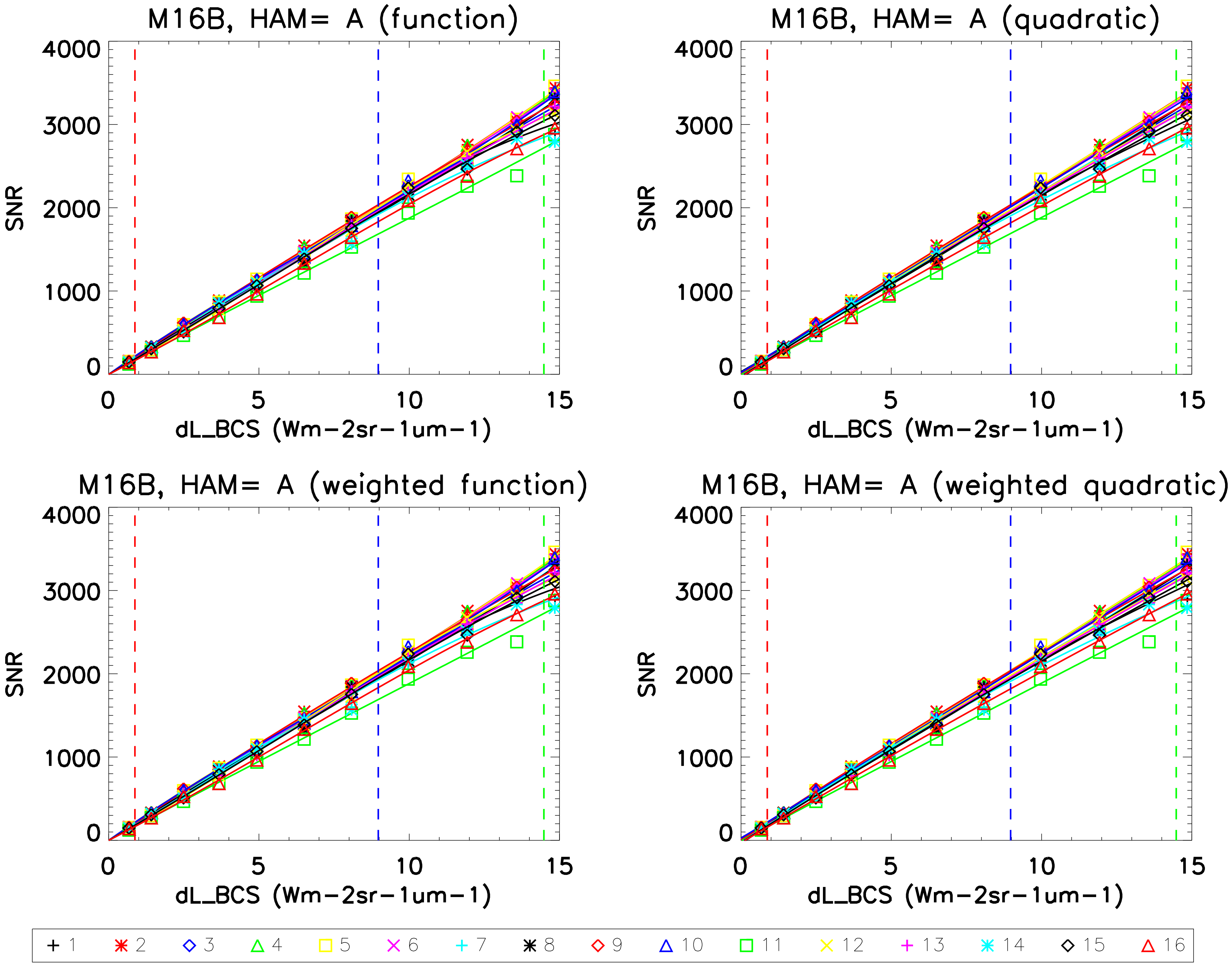

M16A: SNR vs dL_BCS (powell)
M16A, HAM= A (function)
M16A, HAM= A (quadratic)
M16A, HAM= A (weighted function)
M16A, HAM= A (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

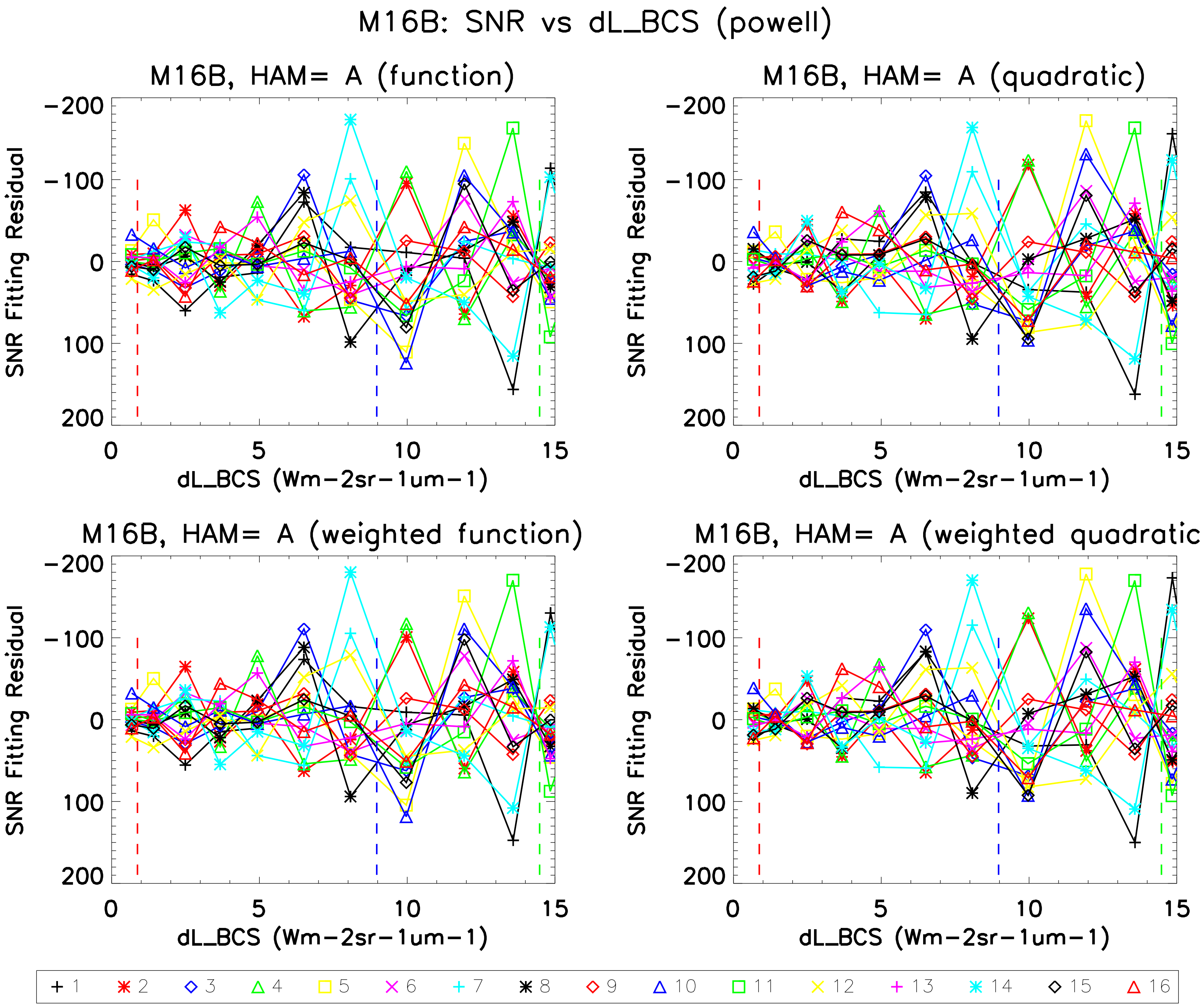

M16A: SNR vs dL_BCS (powell)
M16A, HAM= A (function)
M16A, HAM= A (quadratic)
M16A, HAM= A (weighted function)
M16A, HAM= A (weighted quadratic)
SNR Fitting Residual
-300
-200
-100
0
100
200
0
5
10
15
dL_BCS (Wm-2sr-1um-1)
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

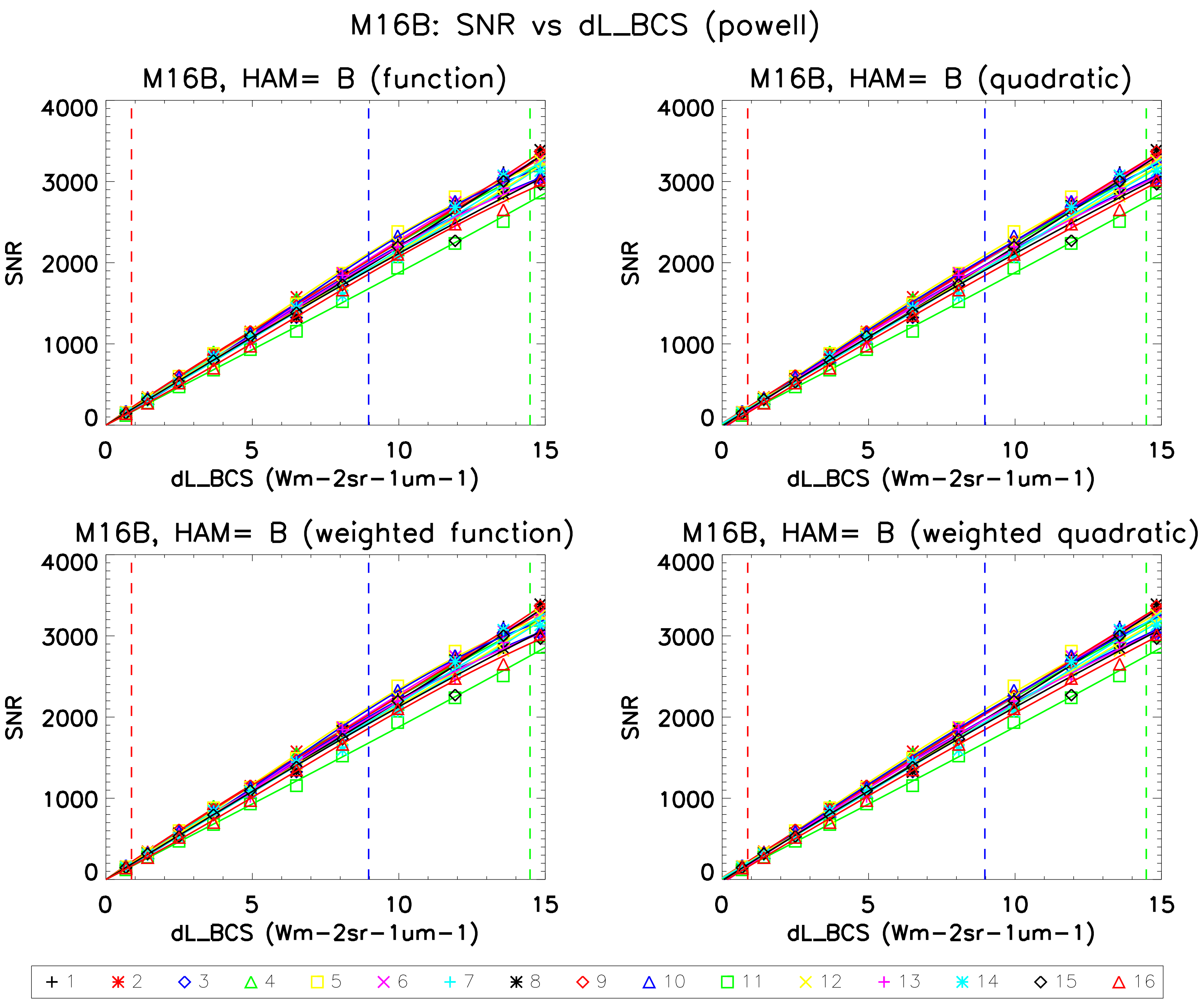

M16A: SNR vs dL_BCS (powell)
M16A, HAM= B (function)
M16A, HAM= B (quadratic)
M16A, HAM= B (weighted function)
M16A, HAM= B (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

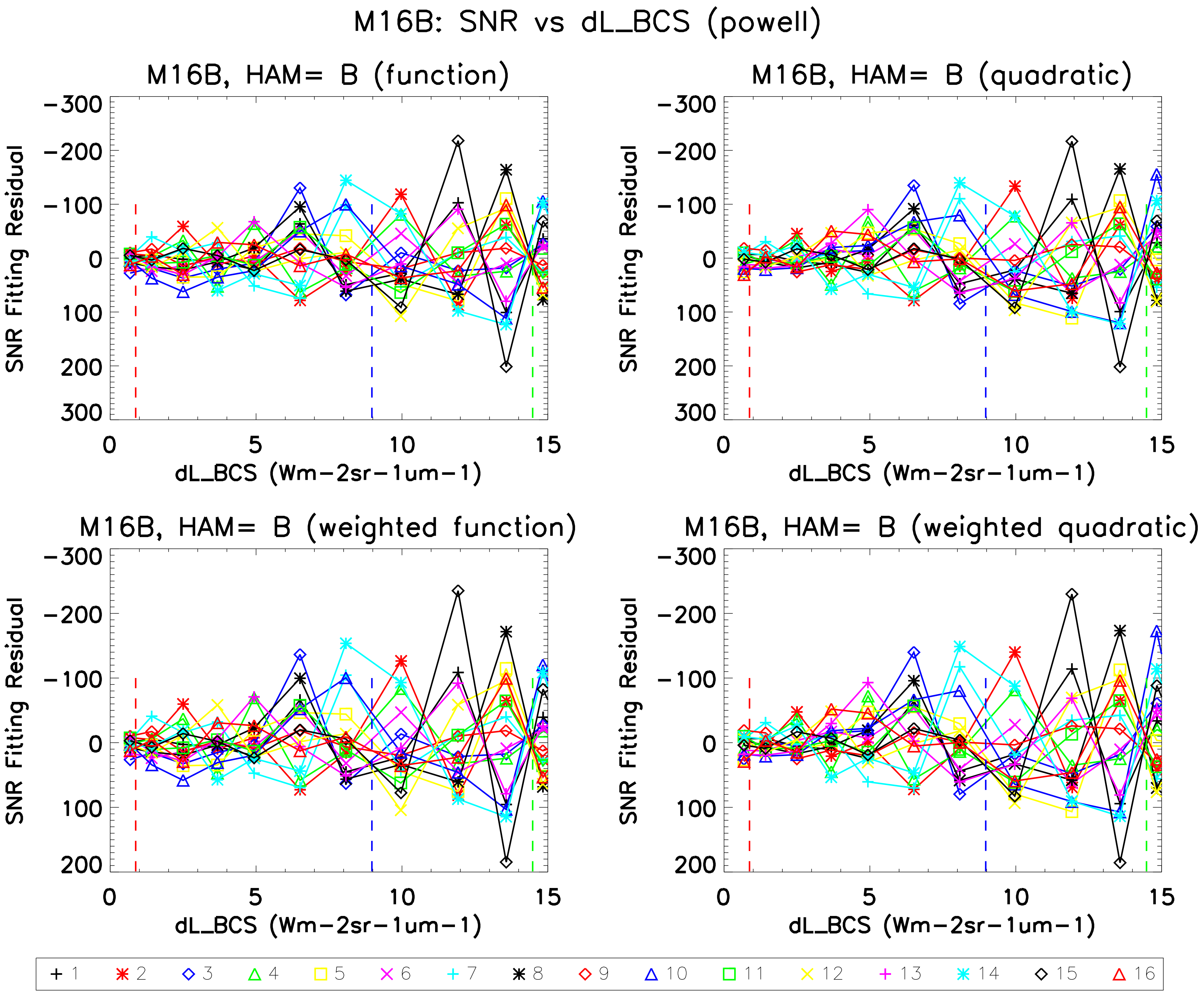

M16A: SNR vs dL_BCS (powell)
M16A, HAM= B (function)
M16A, HAM= B (quadratic)
M16A, HAM= B (weighted function)
M16A, HAM= B (weighted quadratic)
SNR Fitting Residual
-300
-200
-100
0
100
200
dL_BCS (Wm-2sr-1um-1)
0
5
10
15
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

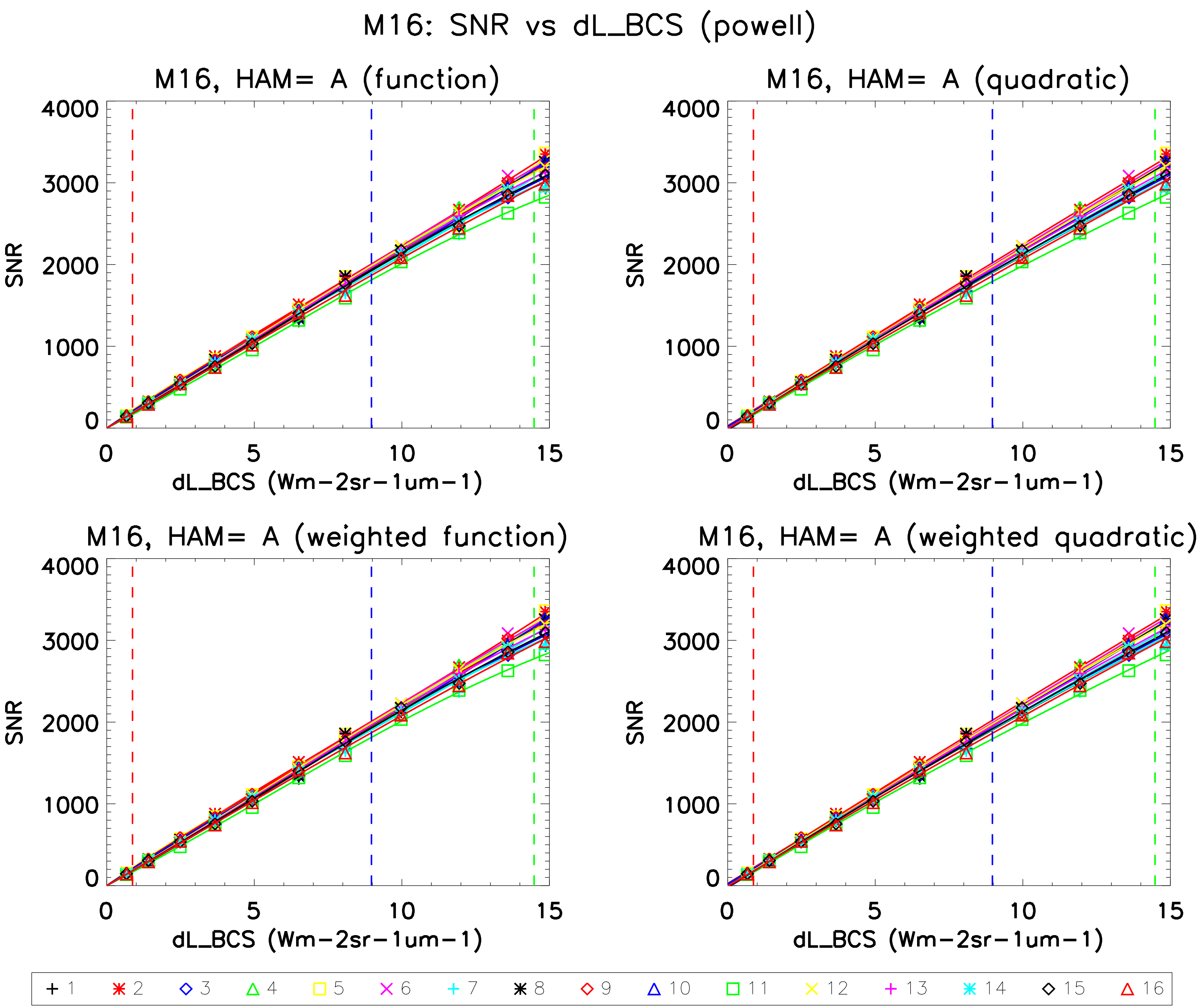
M16B: SNR vs dL_BCS (powell)

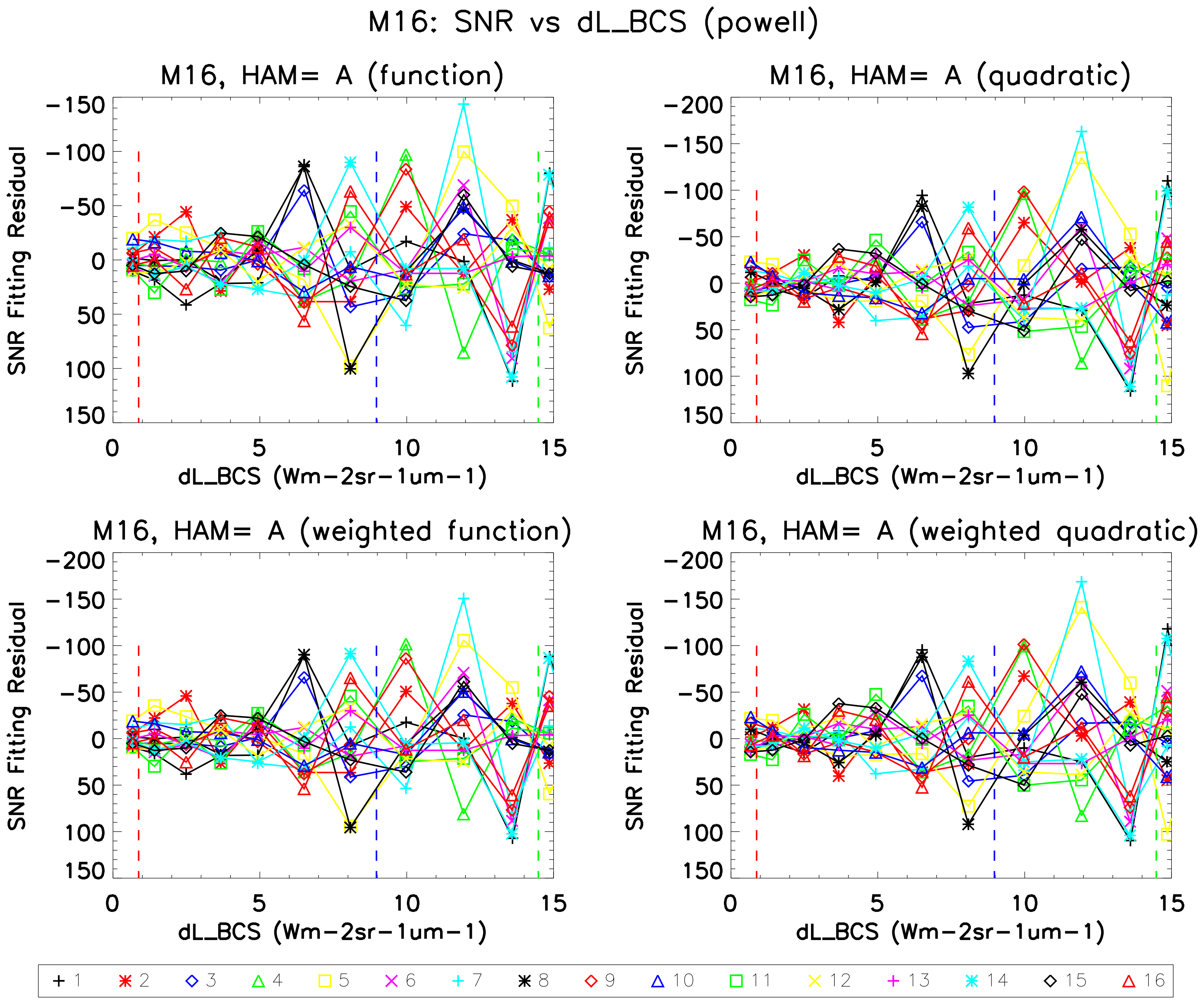


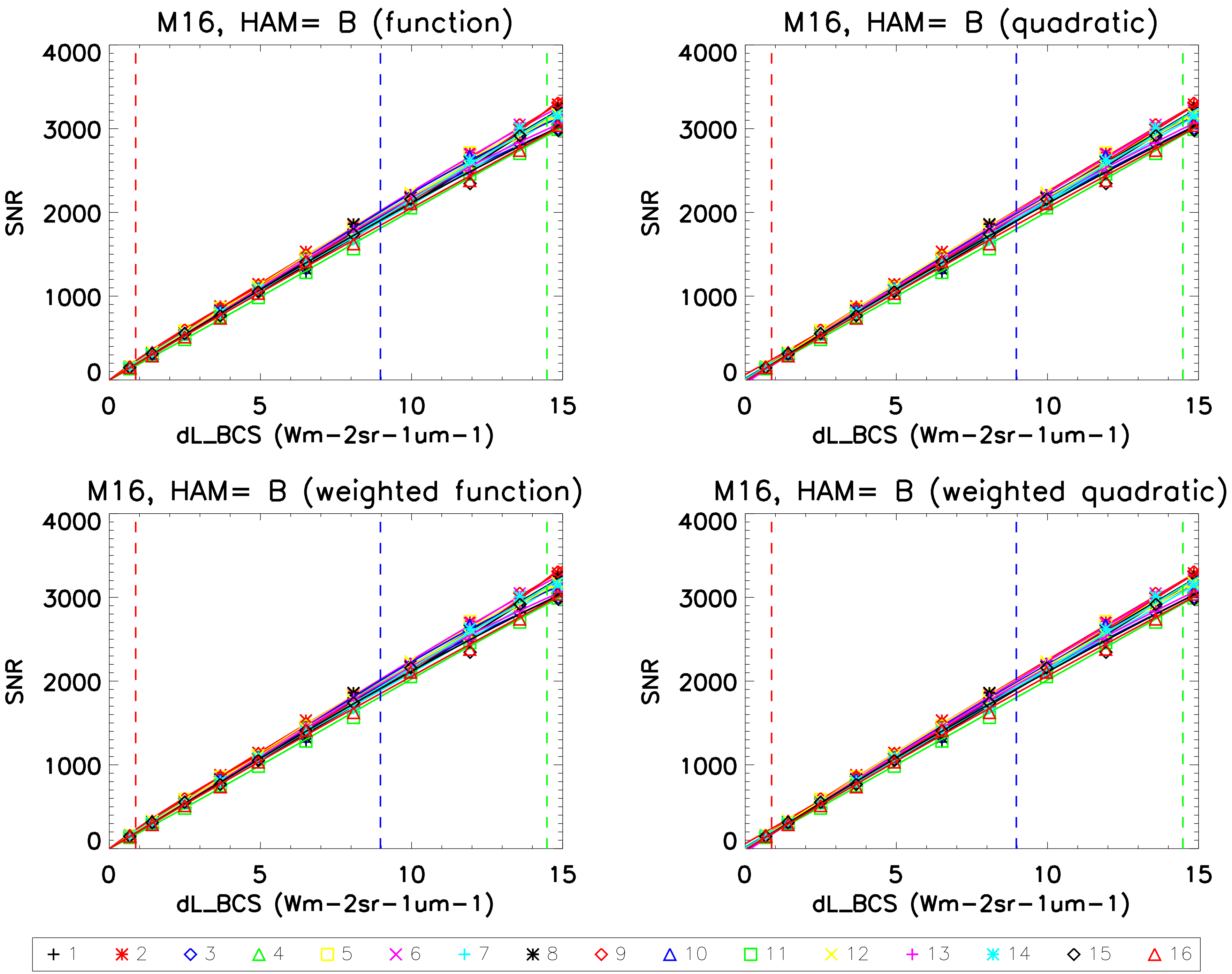

M16B: SNR vs dL_BCS (powell)
M16B, HAM= A (function)
M16B, HAM= A (quadratic)
M16B, HAM= A (weighted function)
M16B, HAM= A (weighted quadratic)
SNR Fitting Residual
−200
−100
0
100
200
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

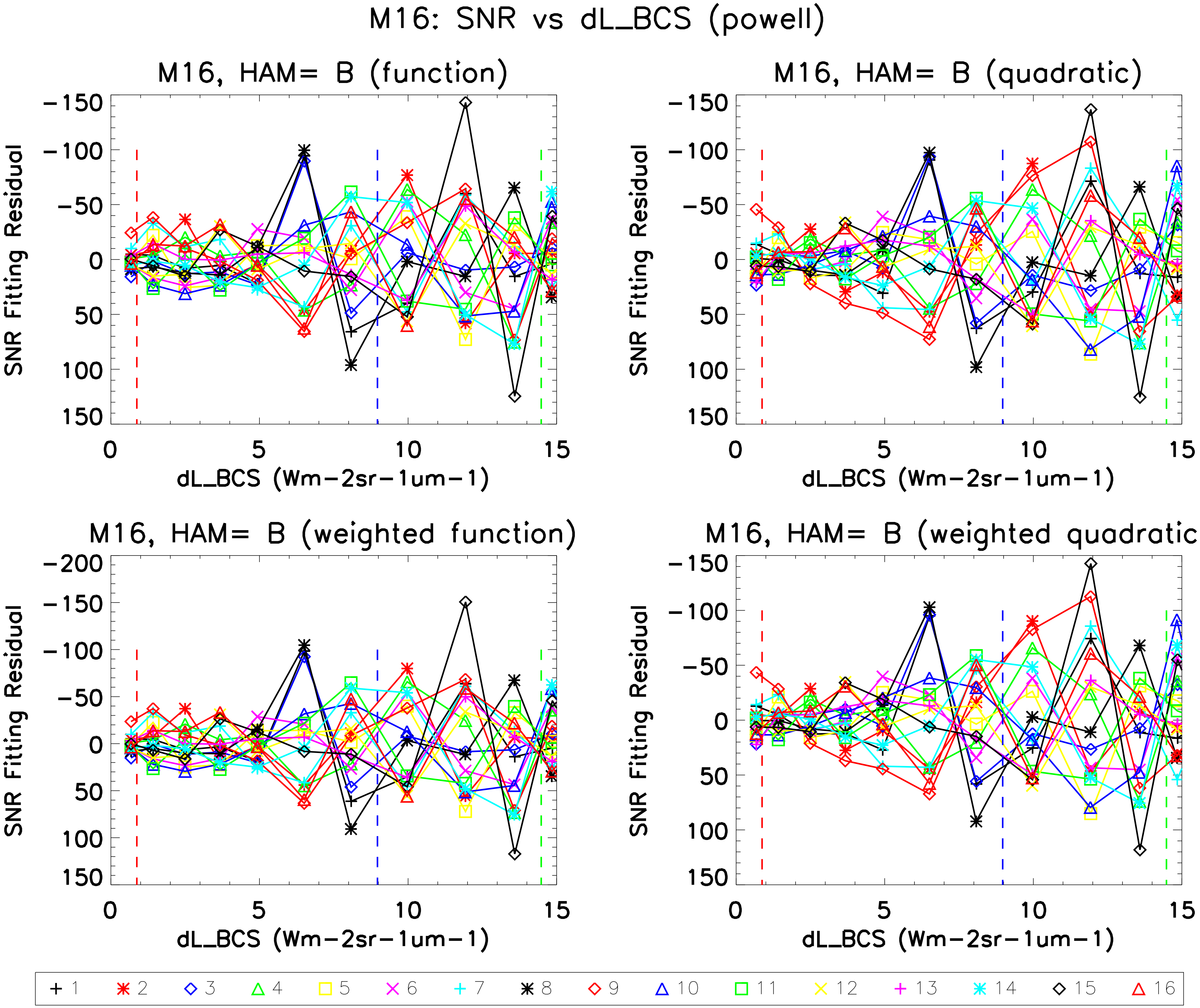

M16B: SNR vs dL_BCS (powell)
M16B, HAM= B (function)
M16B, HAM= B (quadratic)
M16B, HAM= B (weighted function)
M16B, HAM= B (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16


M16B: SNR vs dL_BCS (powell)
M16B, HAM= B (function)
M16B, HAM= B (quadratic)
M16B, HAM= B (weighted function)
M16B, HAM= B (weighted quadratic)
SNR Fitting Residual
−300
−200
−100
0
100
200
300
0
5
10
15
dL_BCS (Wm−2sr−1um−1)
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16


M16: SNR vs dL_BCS (powell)
M16, HAM= A (function)
M16, HAM= A (quadratic)
M16, HAM= A (weighted function)
M16, HAM= A (weighted quadratic)
SNR
0
1000
2000
3000
4000
dL_BCS (Wm−2sr−1um−1)
0
5
10
15
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16


M16: SNR vs dL_BCS (powell)
M16, HAM= A (function)
M16, HAM= A (quadratic)
M16, HAM= A (weighted function)
M16, HAM= A (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−200
−150
−100
−50
0
50
100
150
0
5
10
15
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16


M16: SNR vs dL_BCS (powell)


M16: SNR vs dL_BCS (powell)
M16, HAM= B (function)
M16, HAM= B (quadratic)
M16, HAM= B (weighted function)
M16, HAM= B (weighted quadratic)
SNR Fitting Residual
dL_BCS (Wm−2sr−1um−1)
−200
−150
−100
−50
0
50
100
150
0
5
10
15
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16