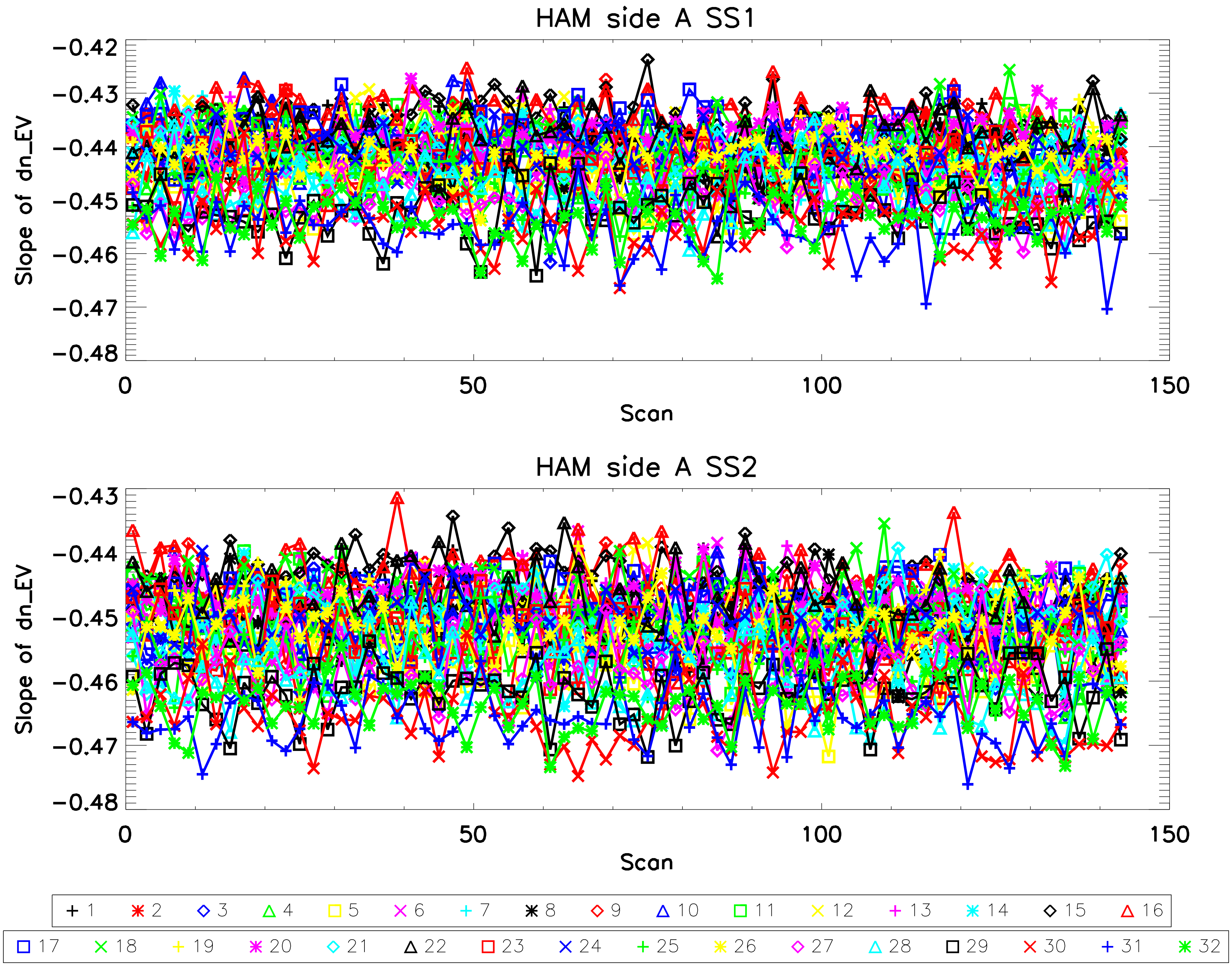
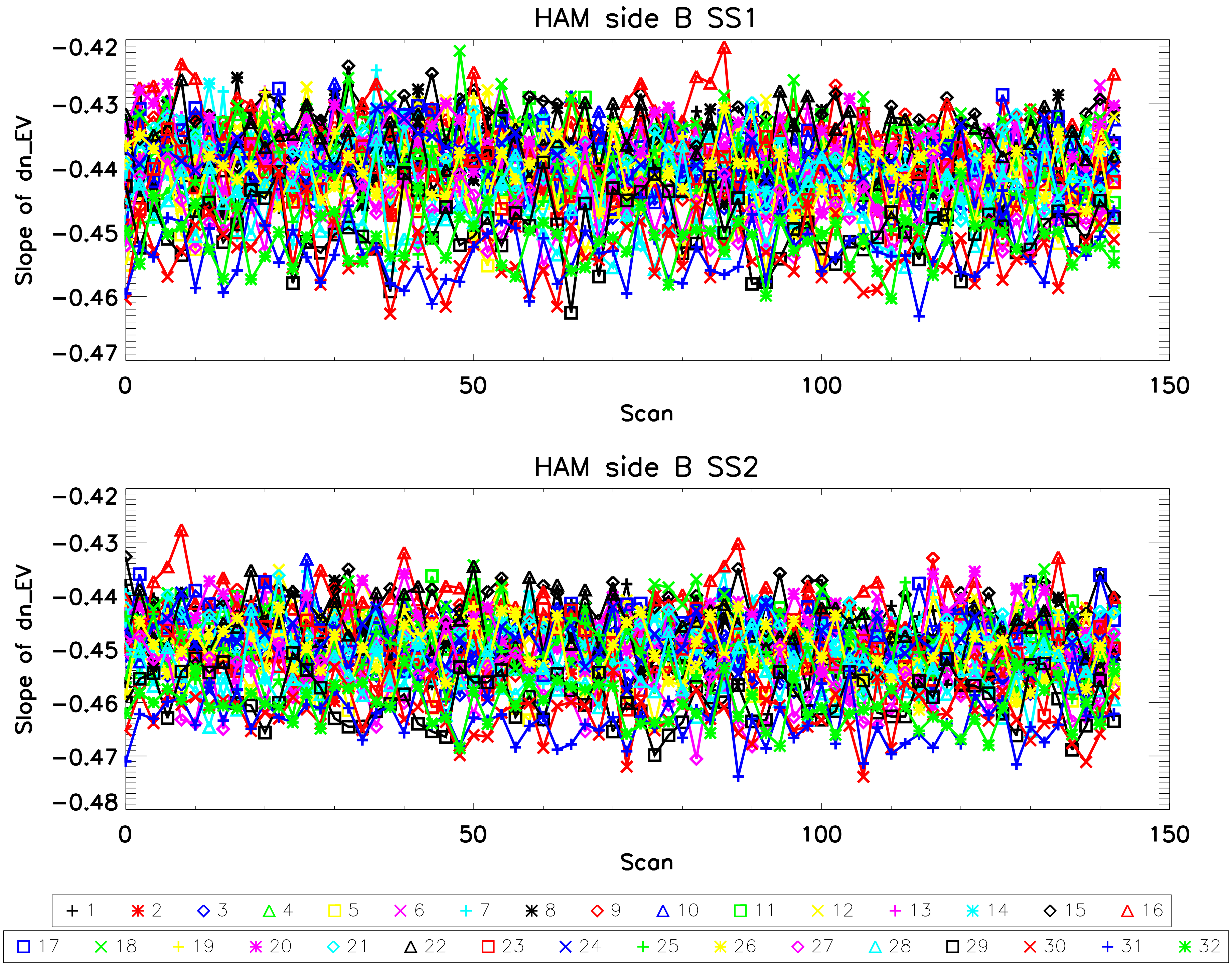
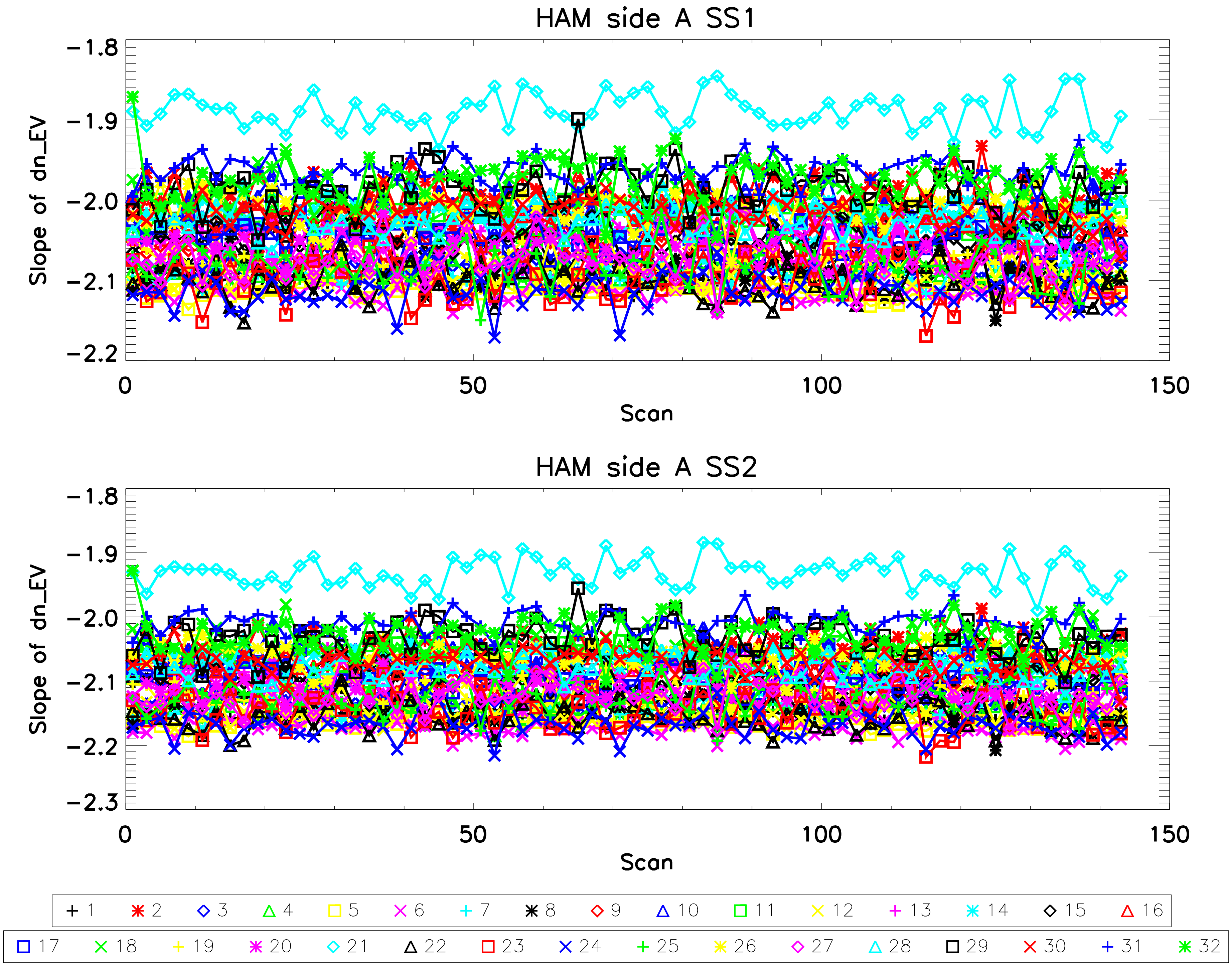
Slope of DN_EV over frames vs Scan I4 Collect 1

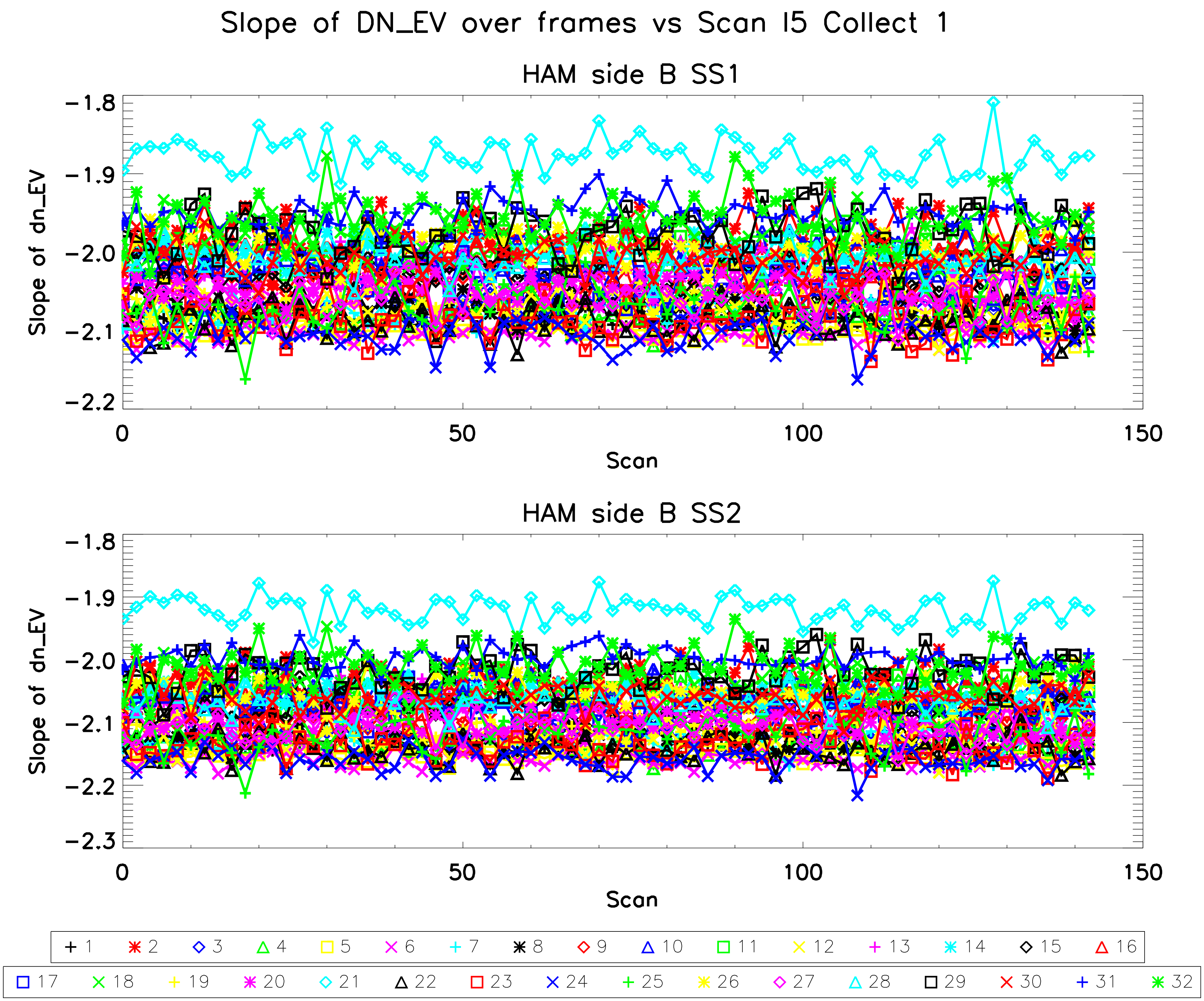


Slope of DN_EV over frames vs Scan I4 Collect 1

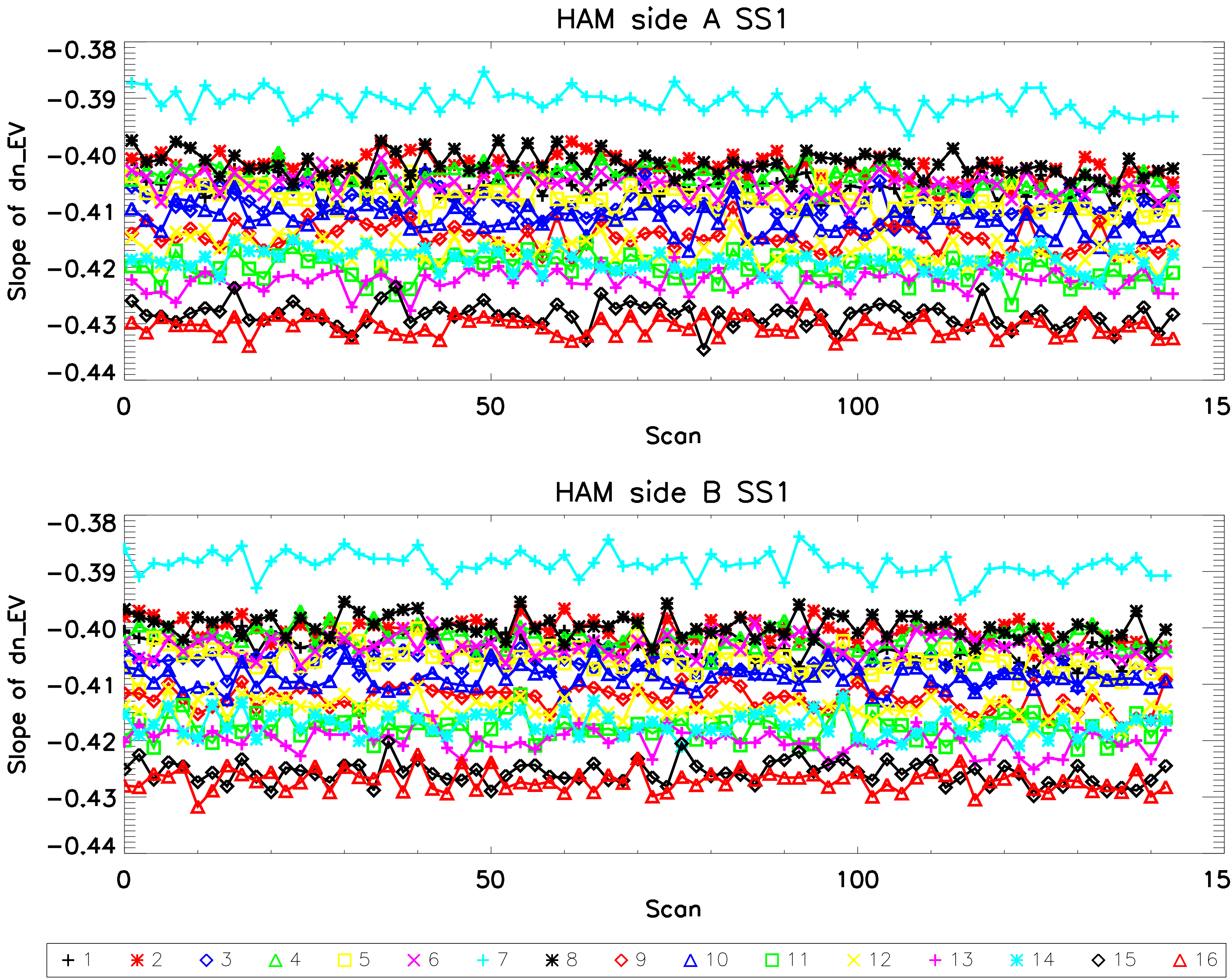


Slope of DN_EV over frames vs Scan I5 Collect 1

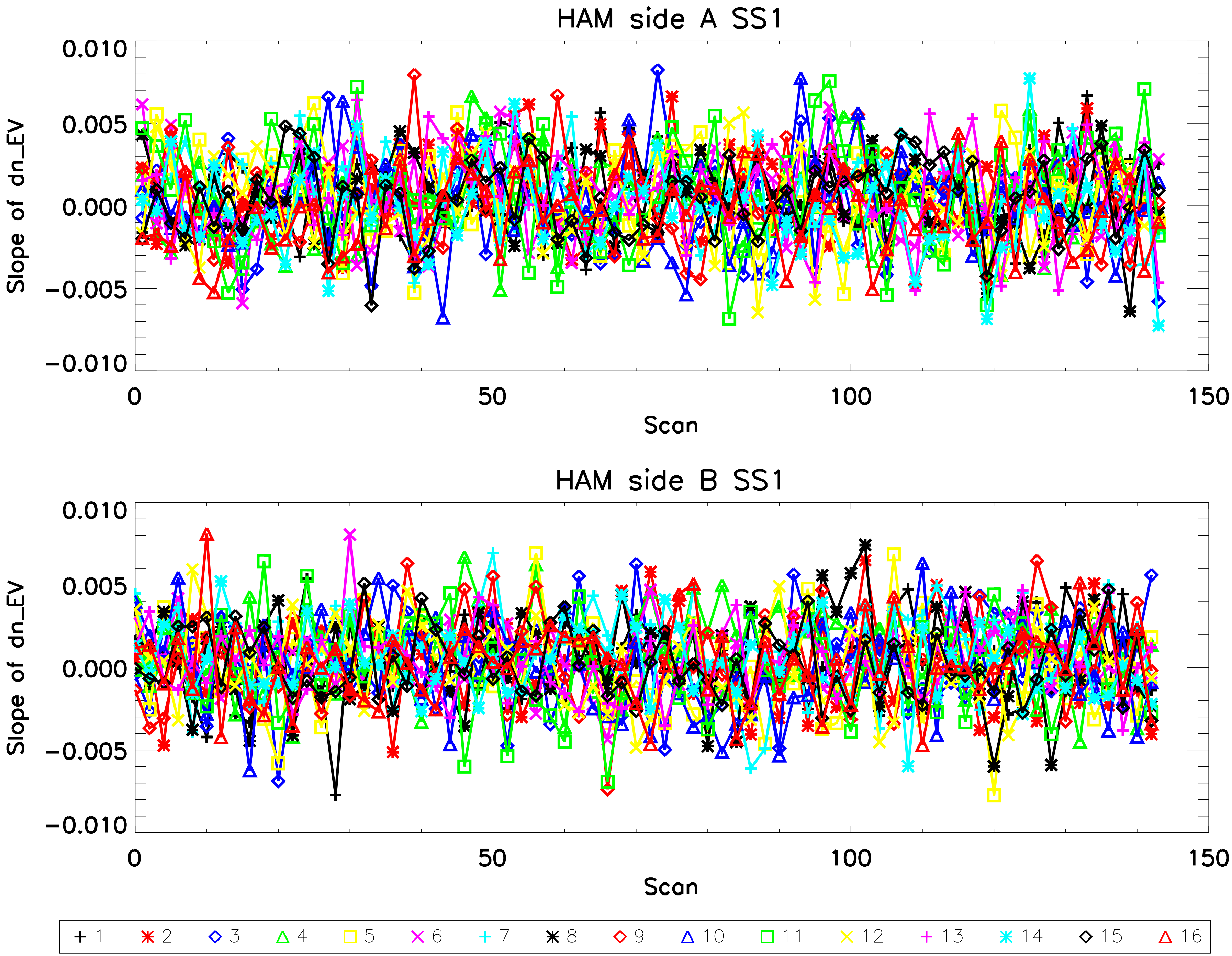



Slope of DN_EV over frames vs Scan I5 Collect 1
HAM side B SS1
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
0
50
100
150
Scan
HAM side B SS2
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
−2.3
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✱ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✱ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✱ 32

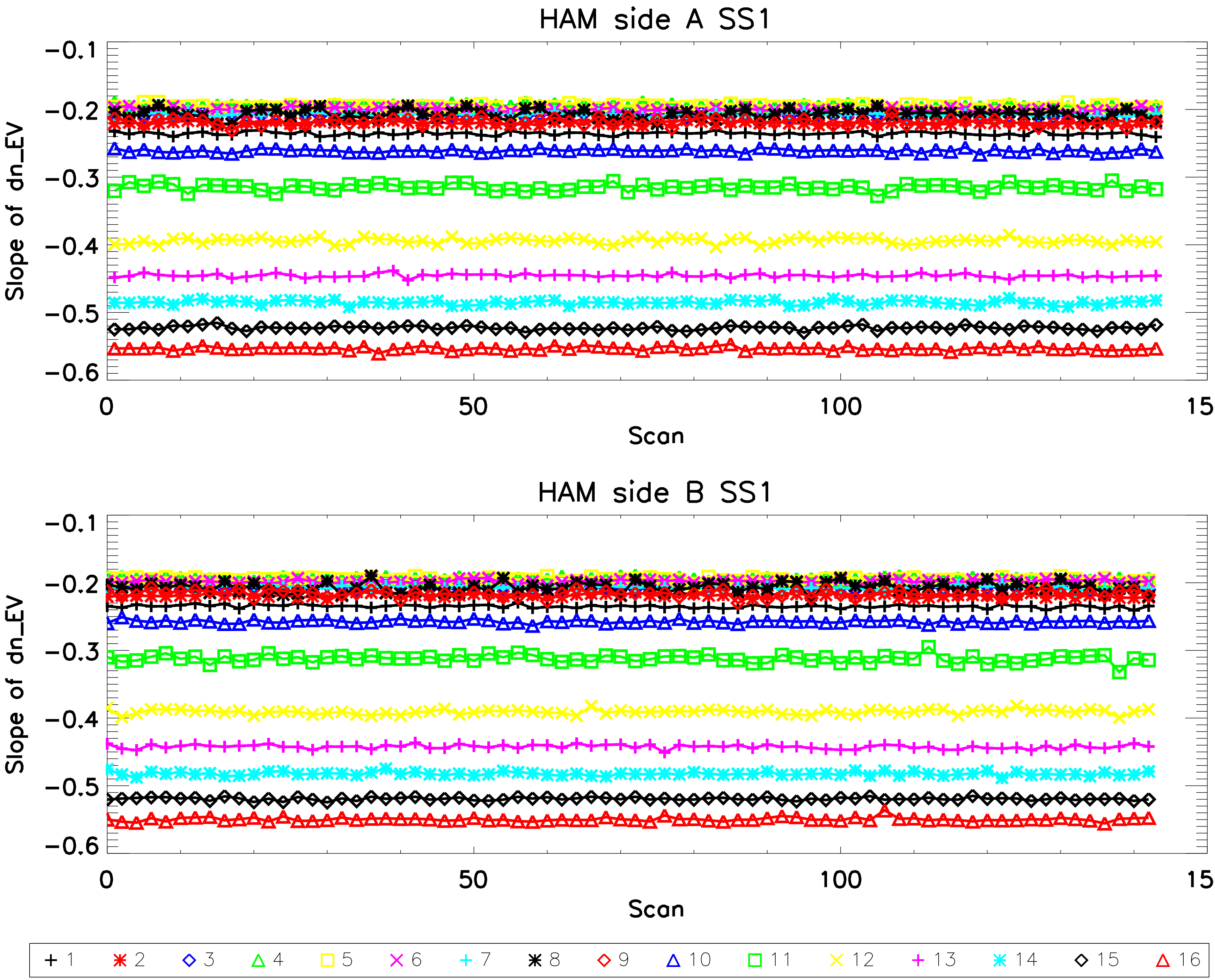
Slope of DN_EV over frames vs Scan M12 Collect 1



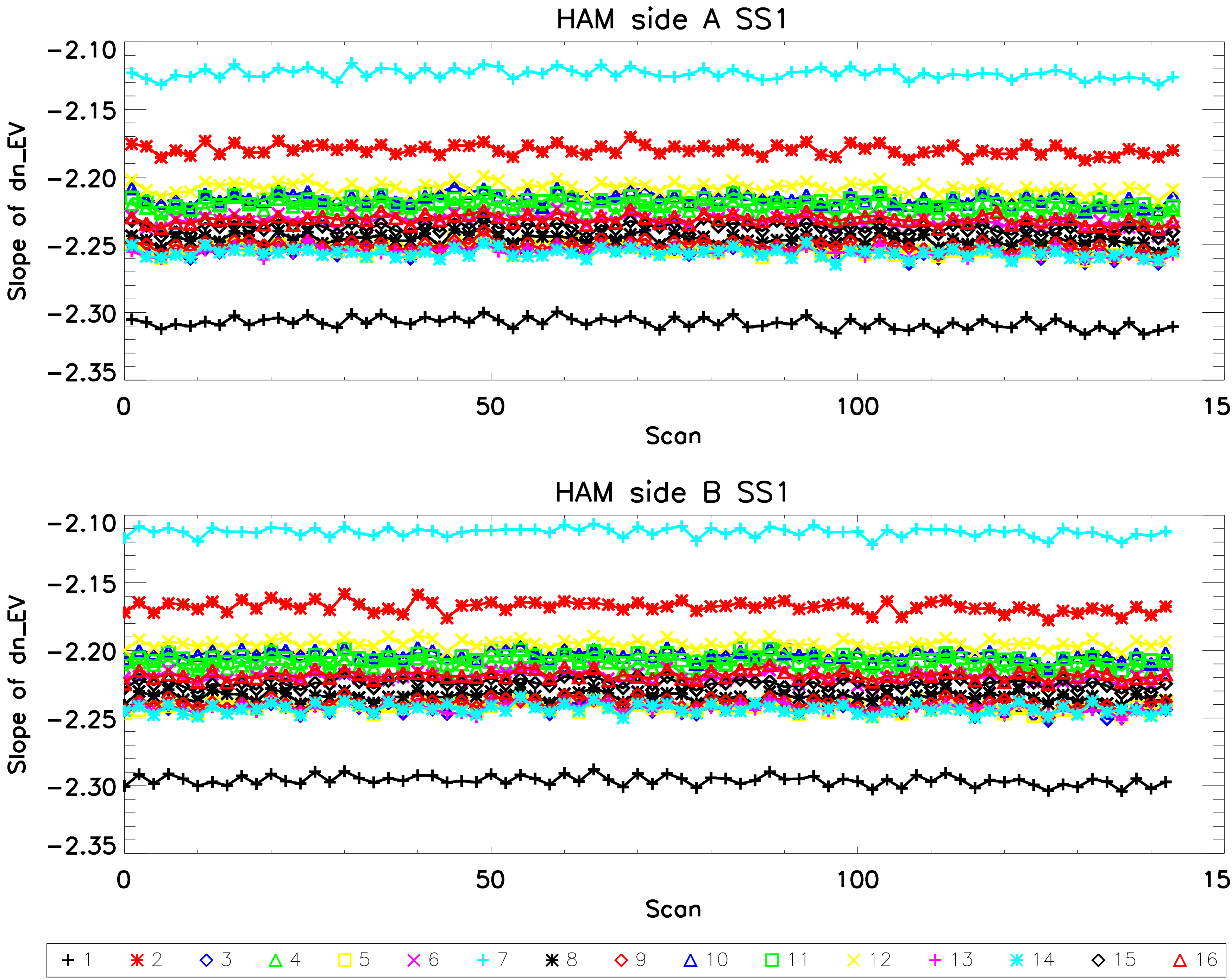
Slope of DN_EV over frames vs Scan M13 Collect 1

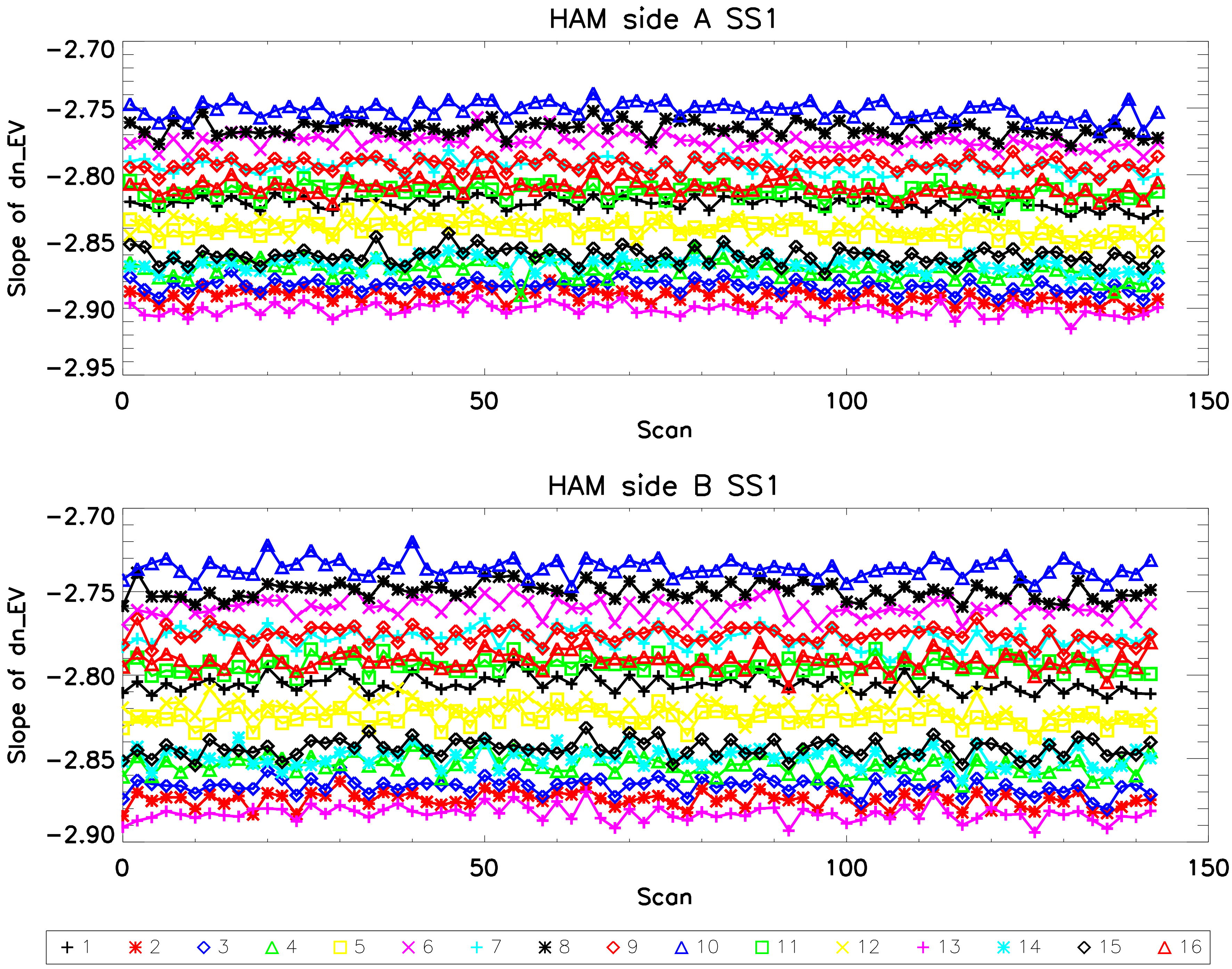


Slope of DN_EV over frames vs Scan M14 Collect 1

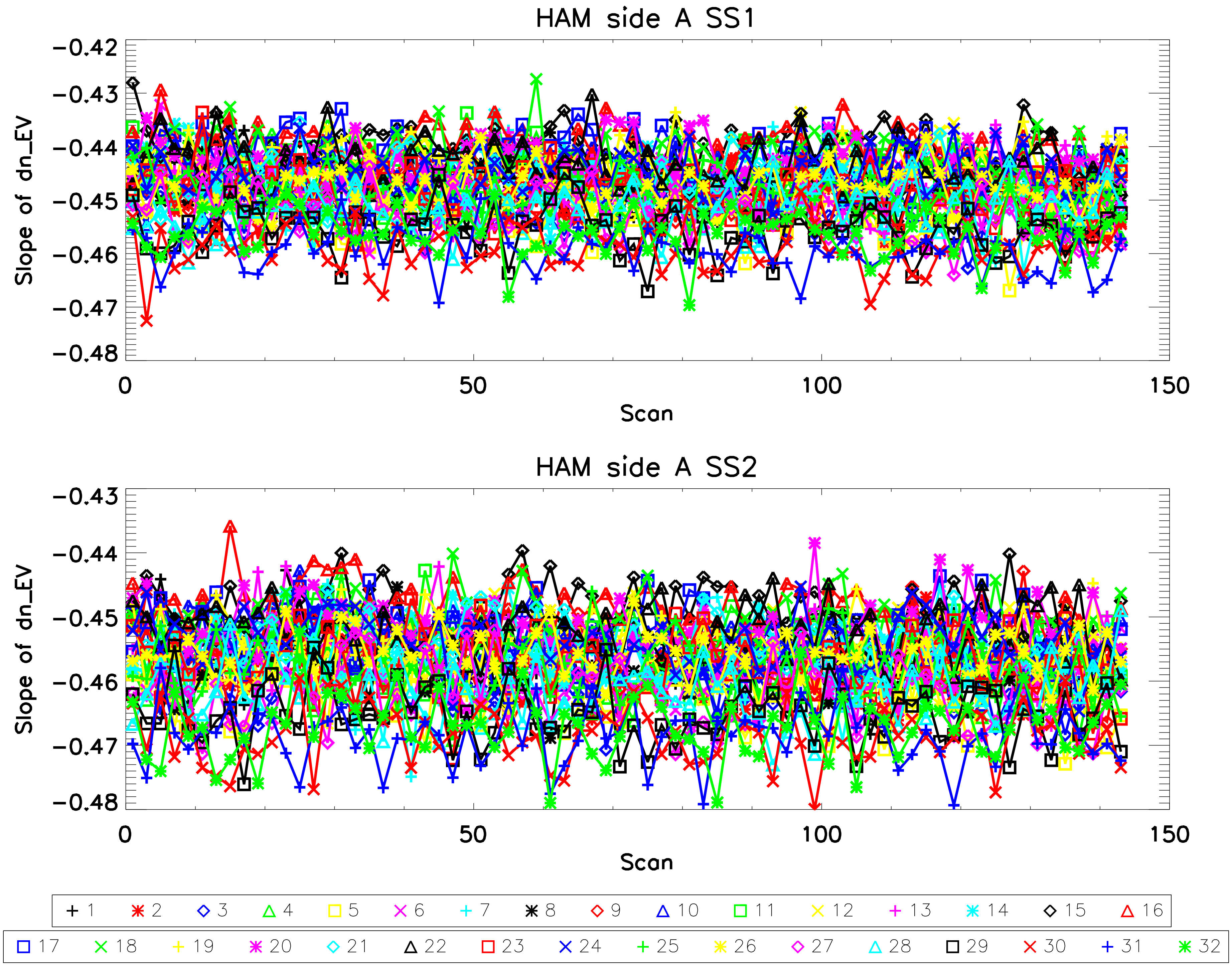


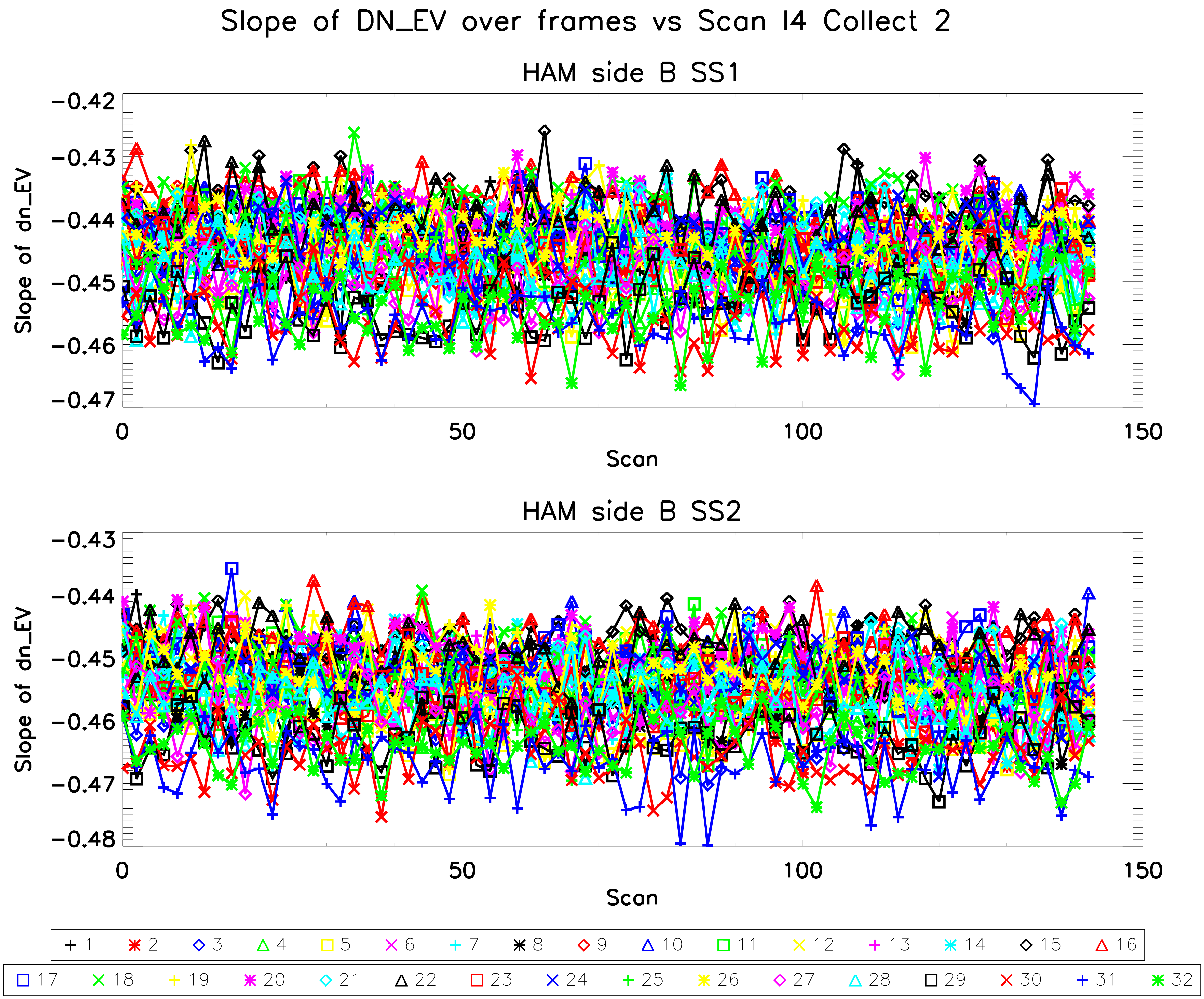
Slope of DN_EV over frames vs Scan M15 Collect 1




Slope of DN_EV over frames vs Scan M16 Collect 1

Slope of DN_EV over frames vs Scan I4 Collect 2

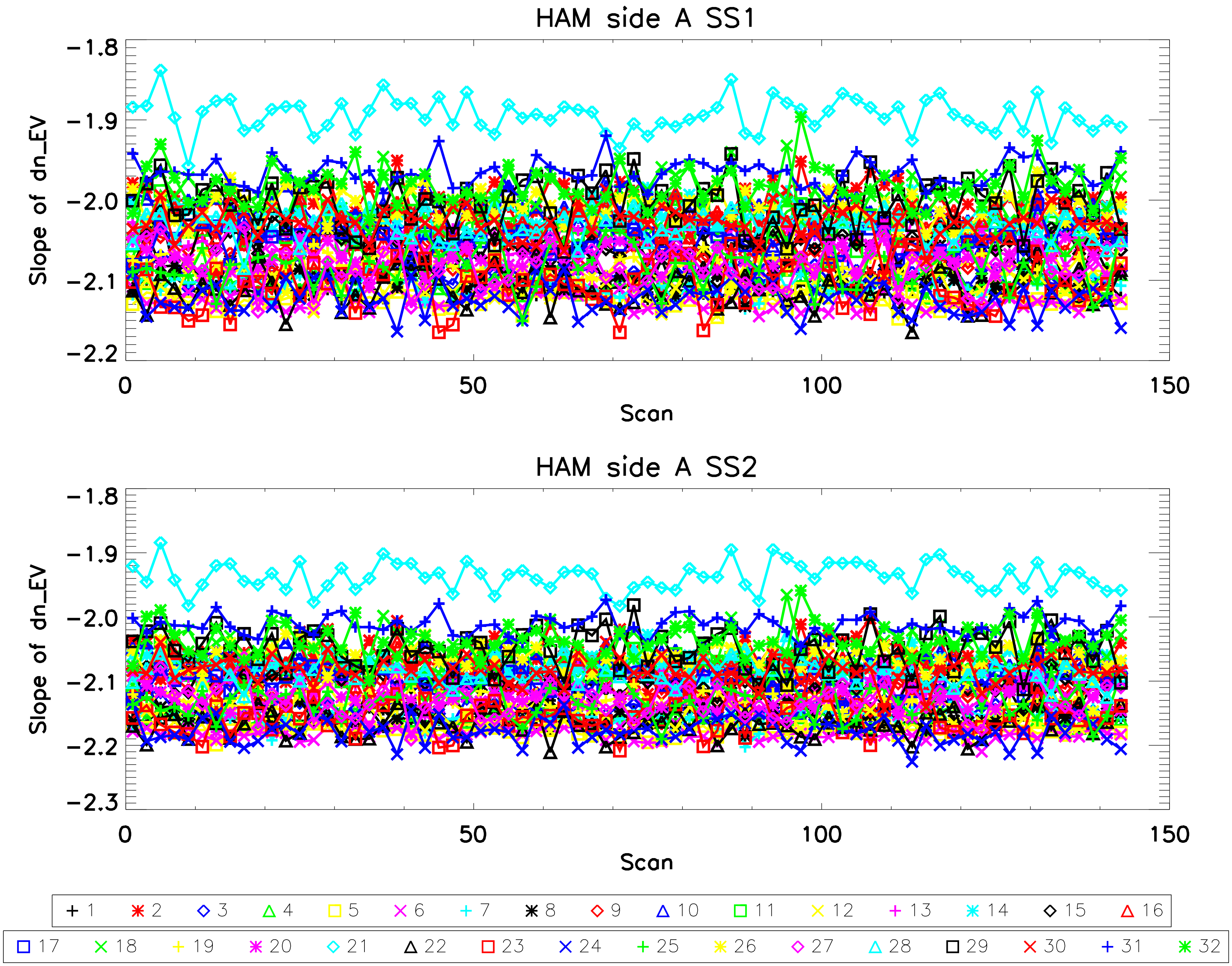


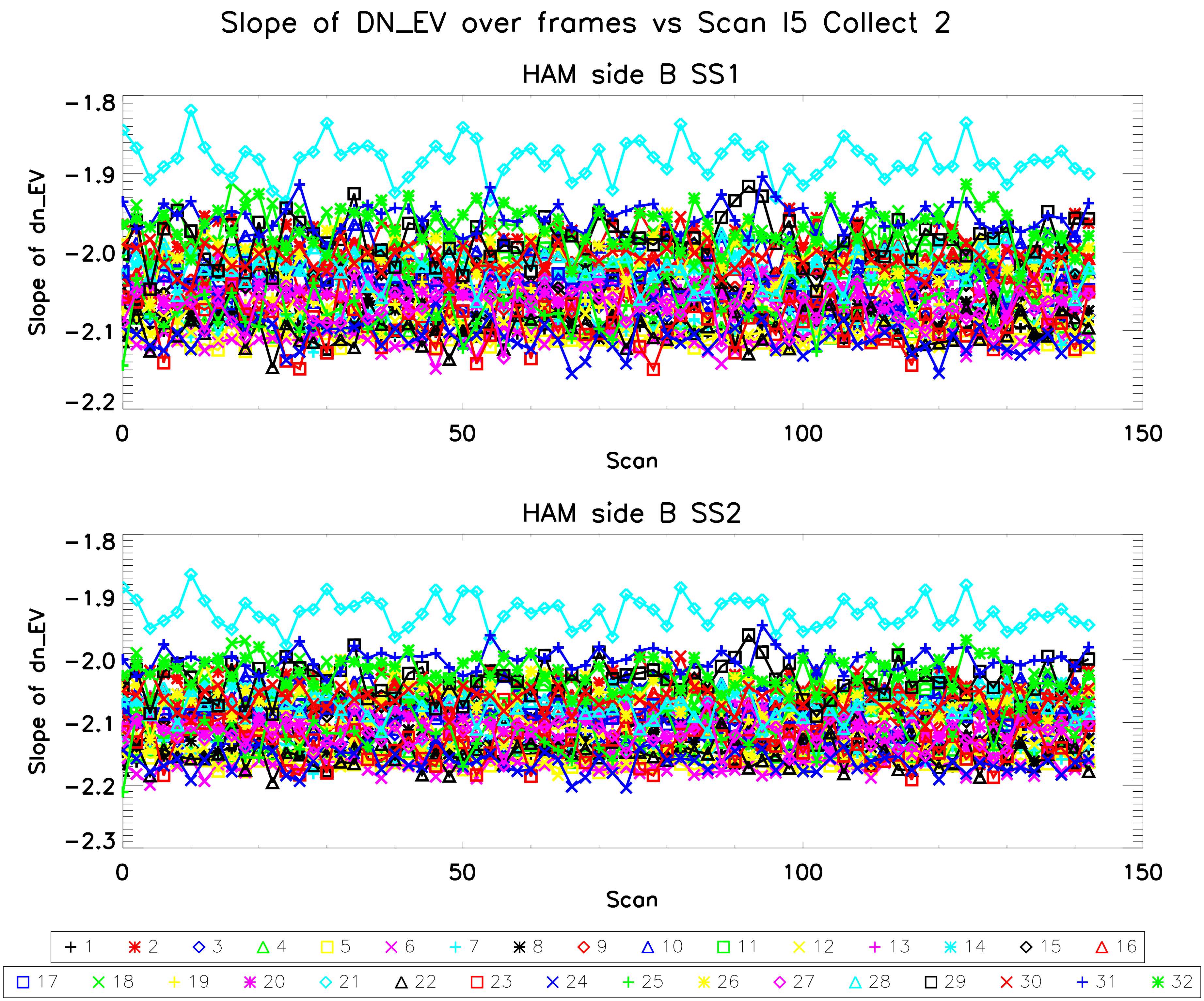

Slope of DN_EV over frames vs Scan I4 Collect 2

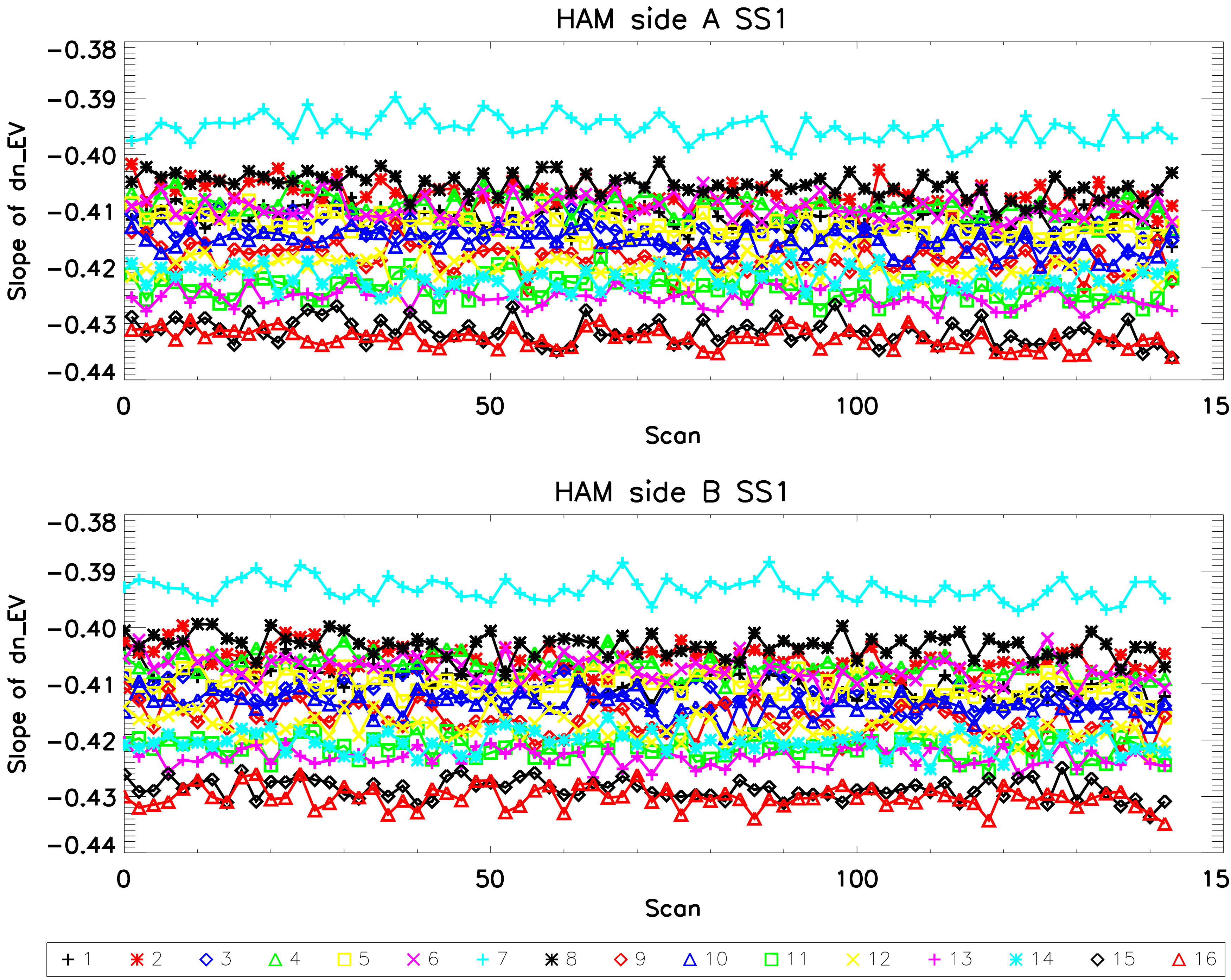
HAM side B SS1

HAM side B SS2

Slope of DN_EV over frames vs Scan 15 Collect 2

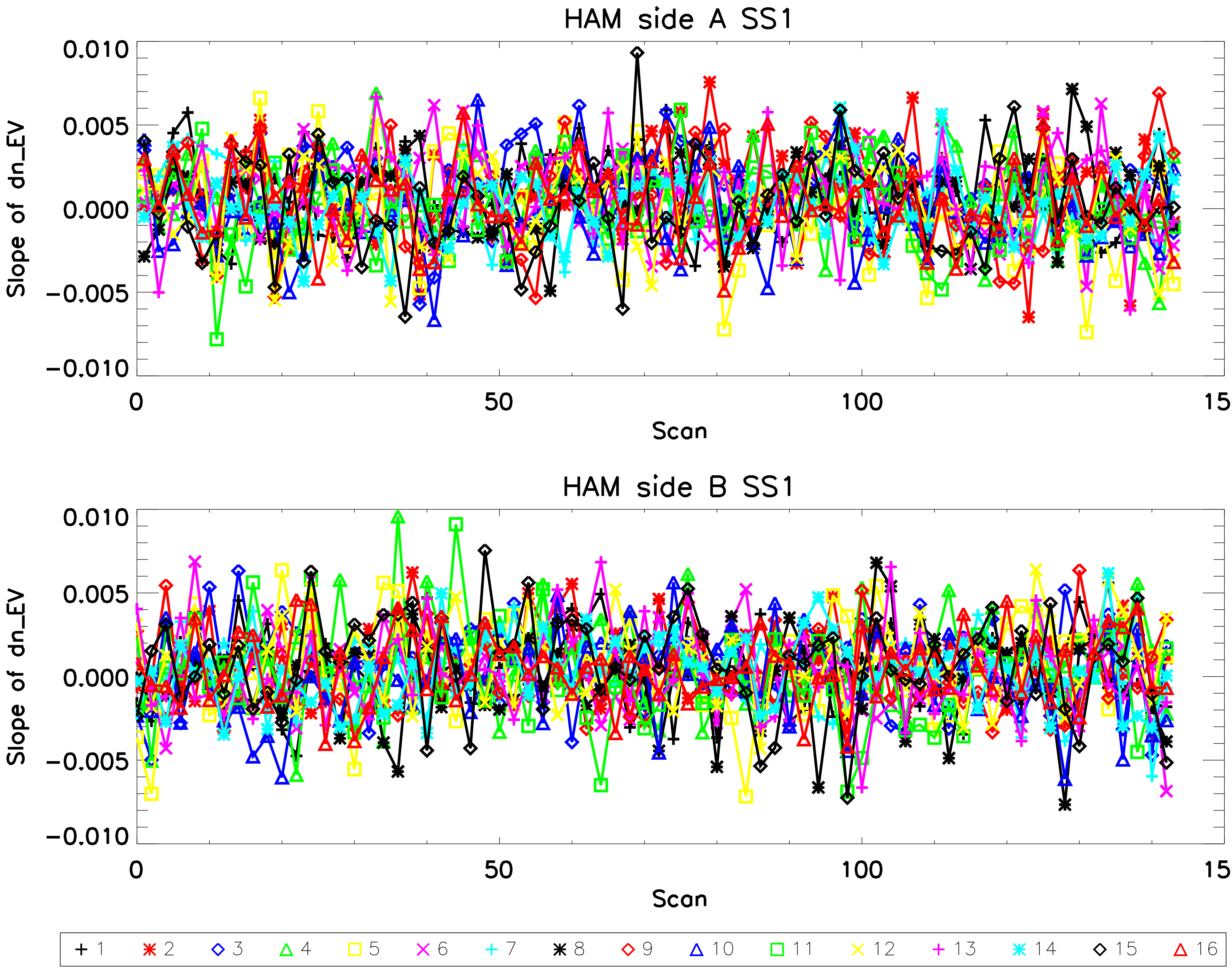


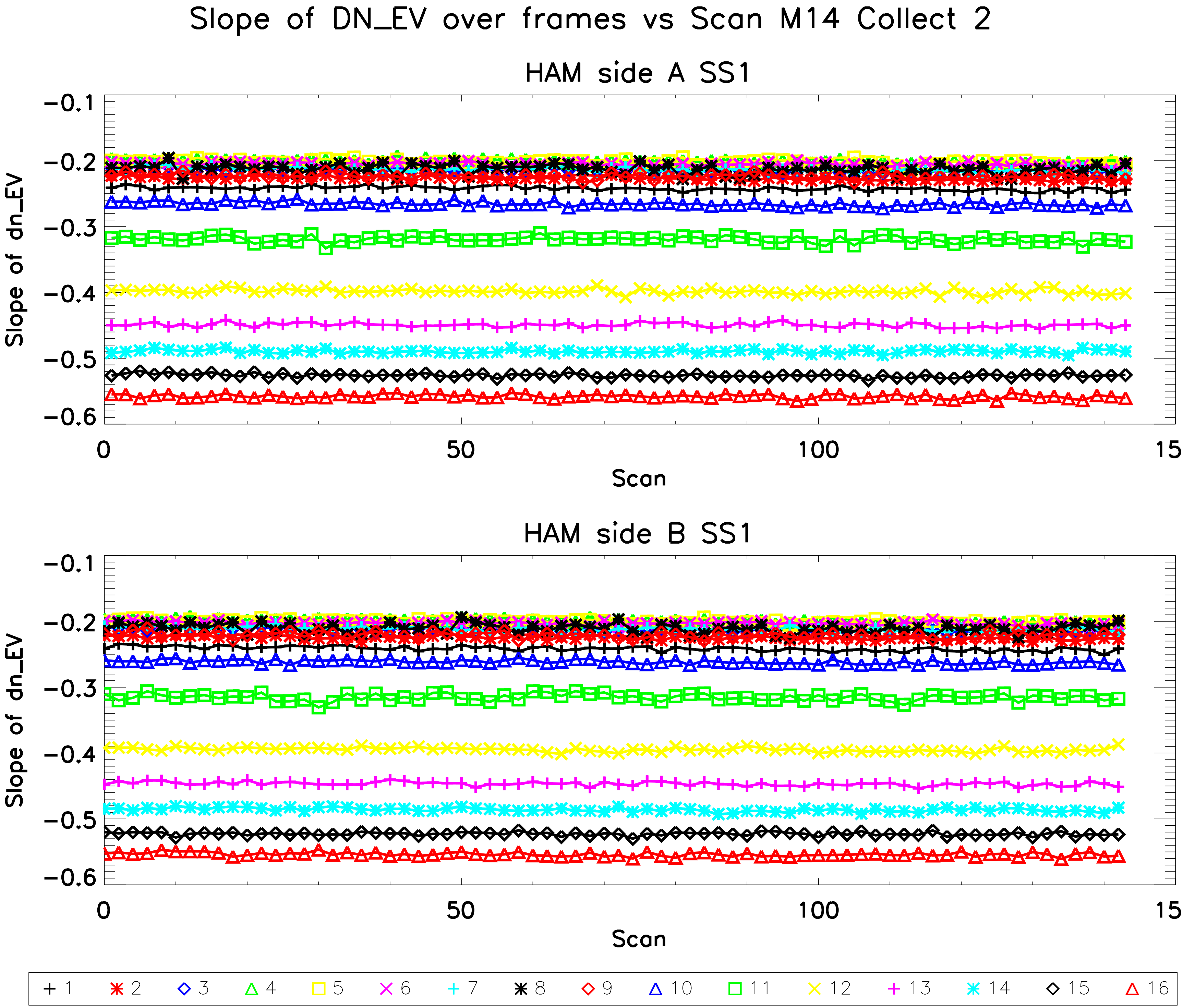

Slope of DN_EV over frames vs Scan I5 Collect 2
HAM side B SS1
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
0
50
100
150
Scan
HAM side B SS2
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
−2.3
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✳ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✳ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✳ 32



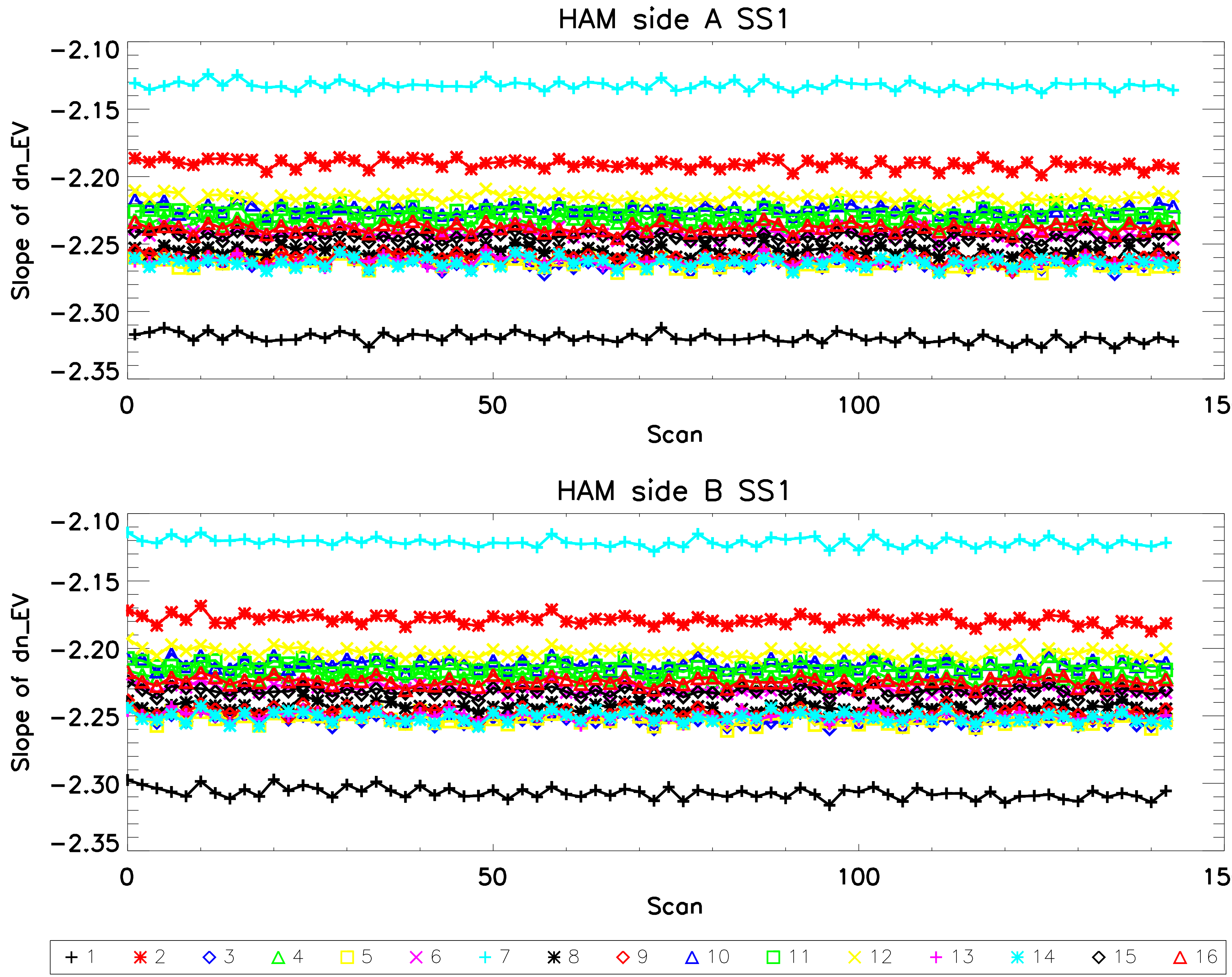
Slope of DN_EV over frames vs Scan M12 Collect 2

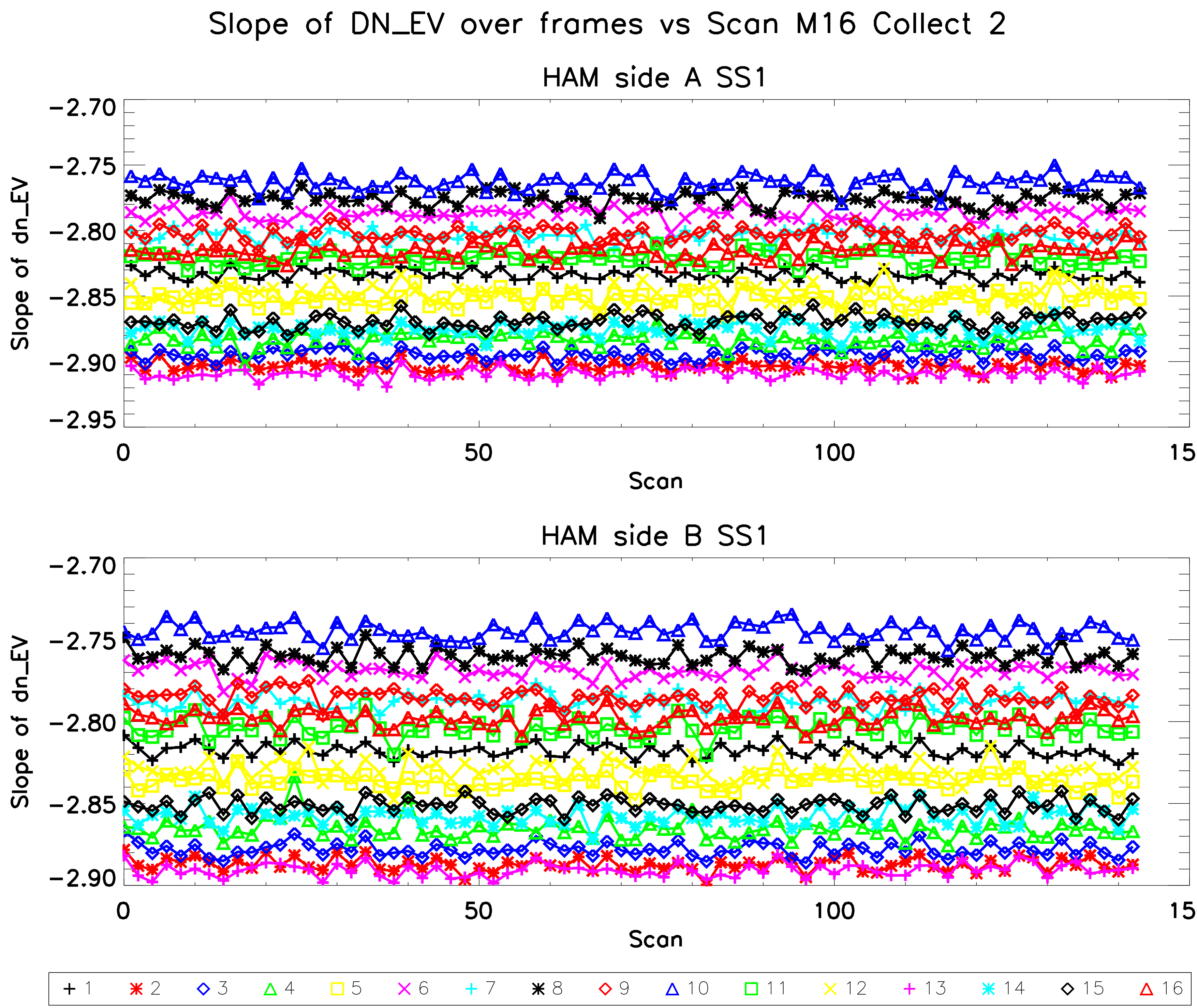
Slope of DN_EV over frames vs Scan M13 Collect 2



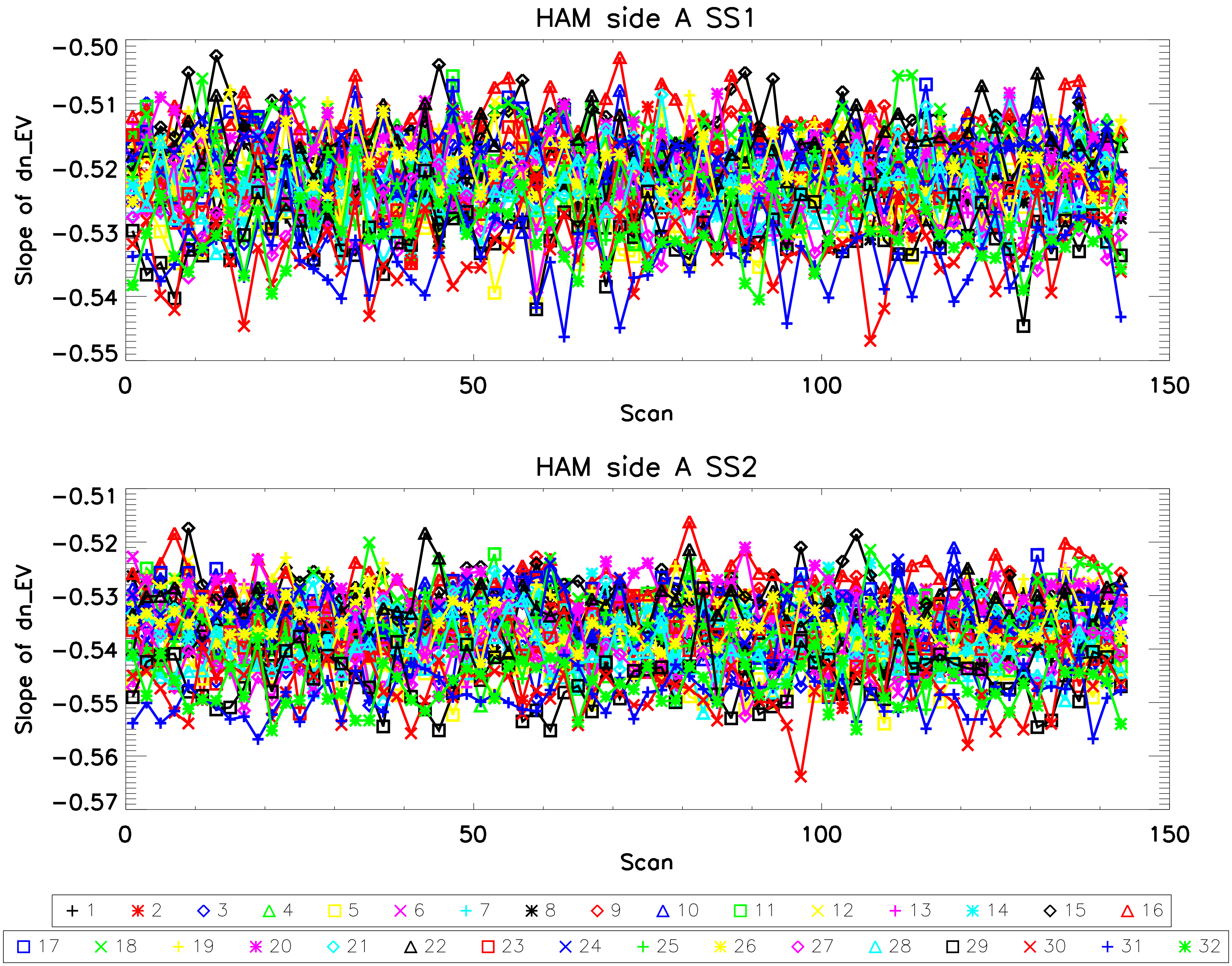

Slope of DN_EV over frames vs Scan M14 Collect 2
HAM side A SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

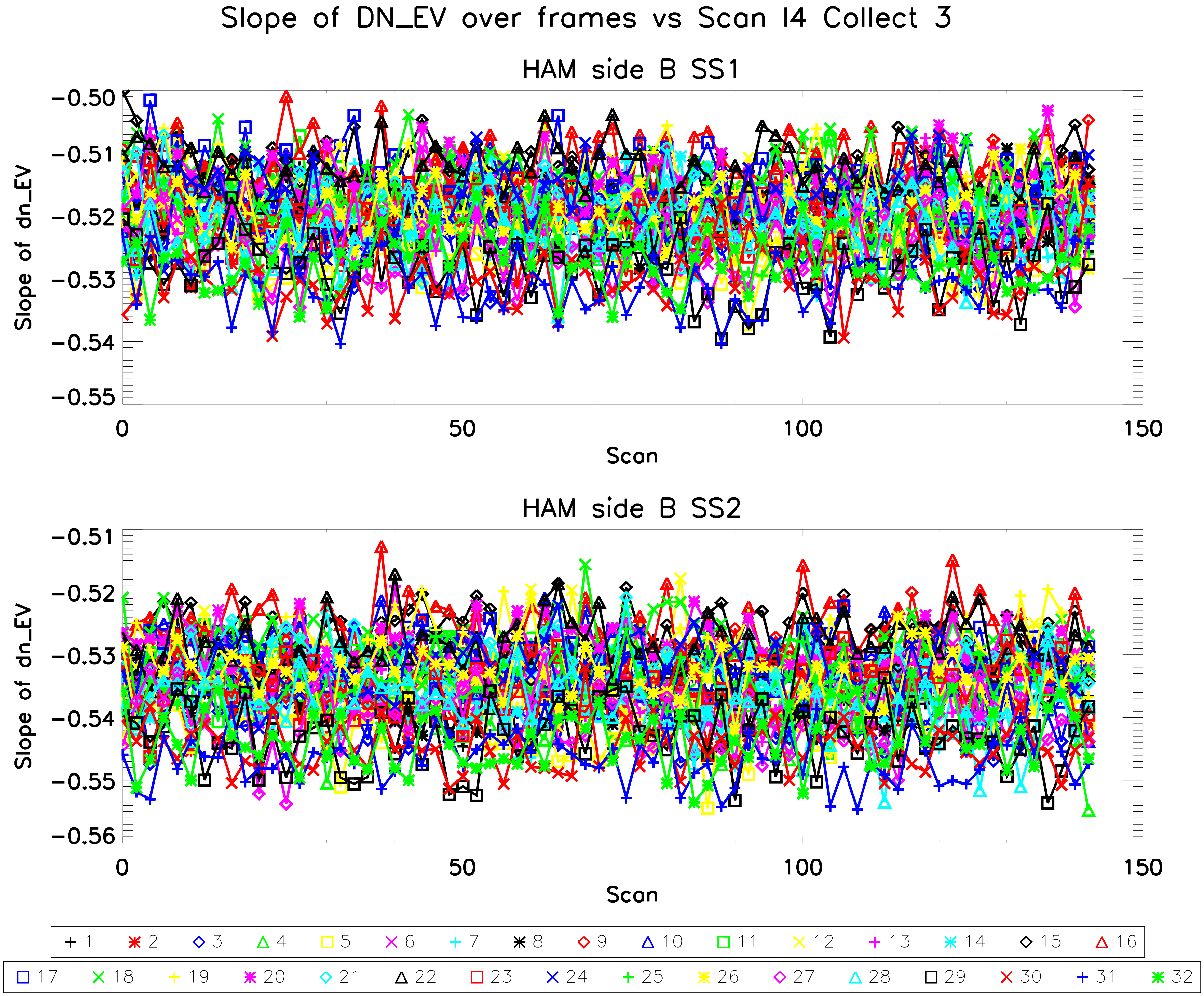
Slope of DN_EV over frames vs Scan M15 Collect 2




Slope of DN_EV over frames vs Scan M16 Collect 2
HAM side A SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

Slope of DN_EV over frames vs Scan I4 Collect 3




Slope of DN_EV over frames vs Scan I4 Collect 3
HAM side B SS1
Slope of dn_EV
−0.50
−0.51
−0.52
−0.53
−0.54
−0.55
0
50
100
150
Scan
HAM side B SS2
Slope of dn_EV
−0.51
−0.52
−0.53
−0.54
−0.55
−0.56
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
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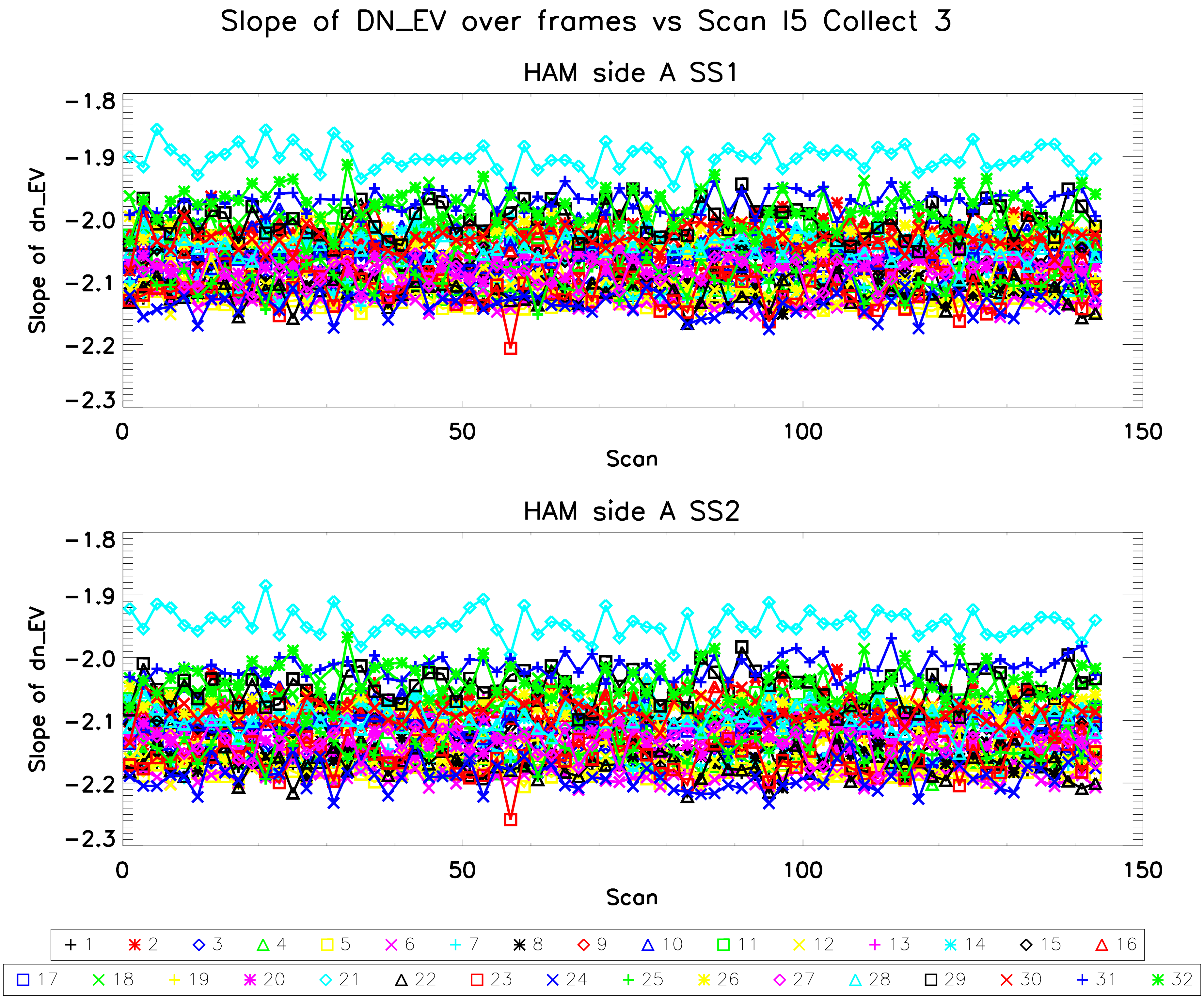
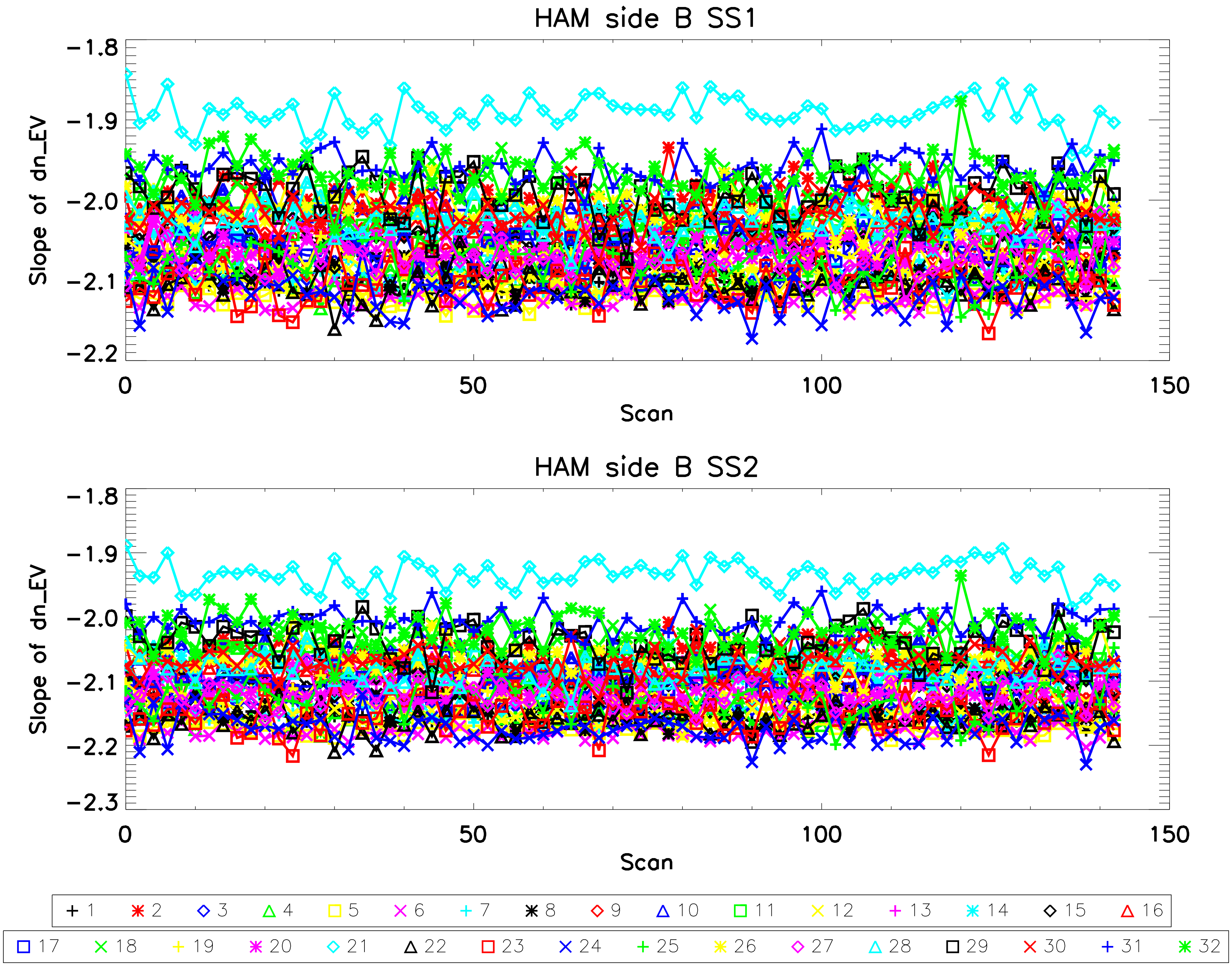
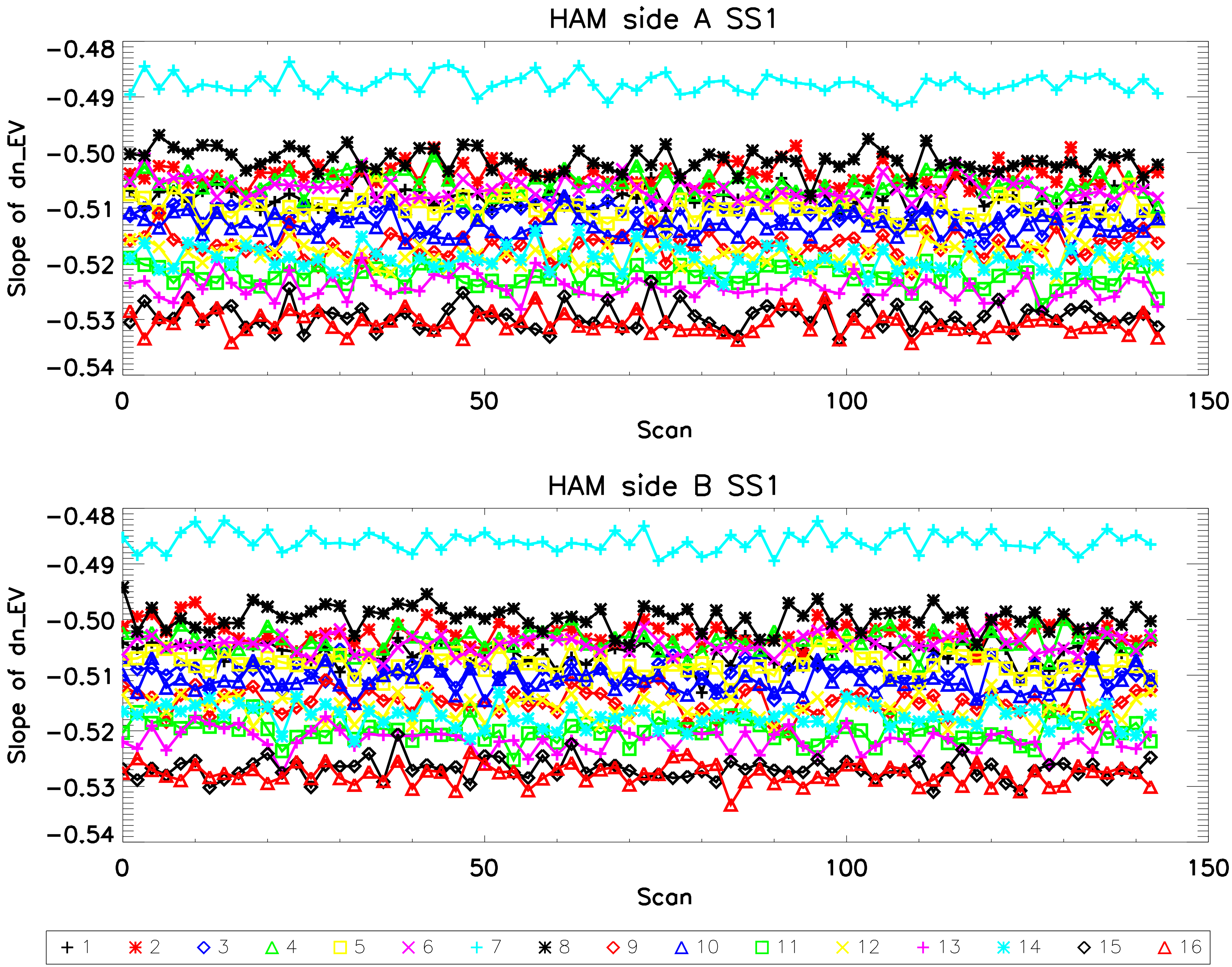
25
26
27
28
29
30
31
32

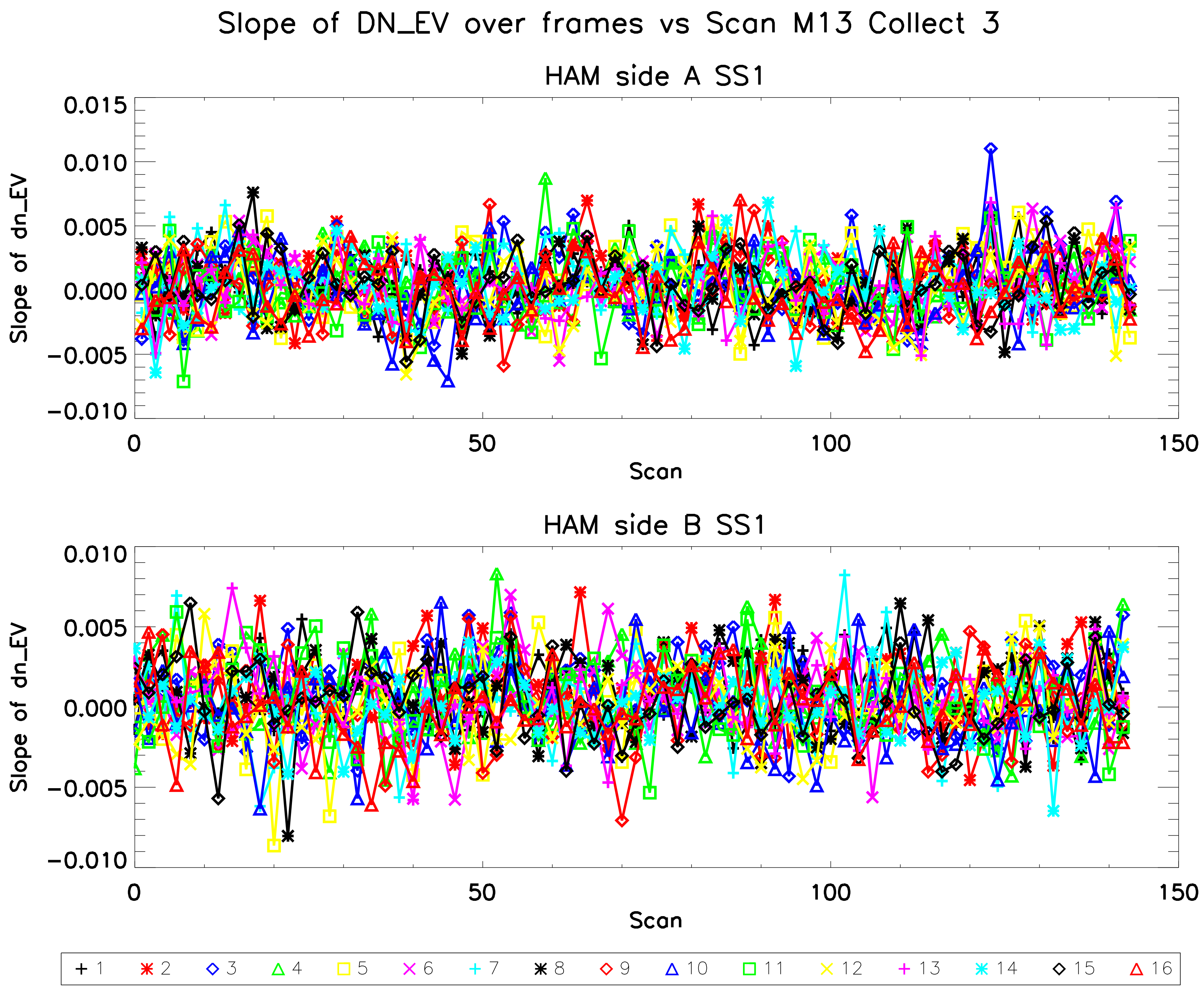

Slope of DN_EV over frames vs Scan 15 Collect 3
HAM side A SS1
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
−2.3
0
50
100
150
Scan
HAM side A SS2
Slope of dn_EV
−1.8
−1.9
−2.0
−2.1
−2.2
−2.3
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

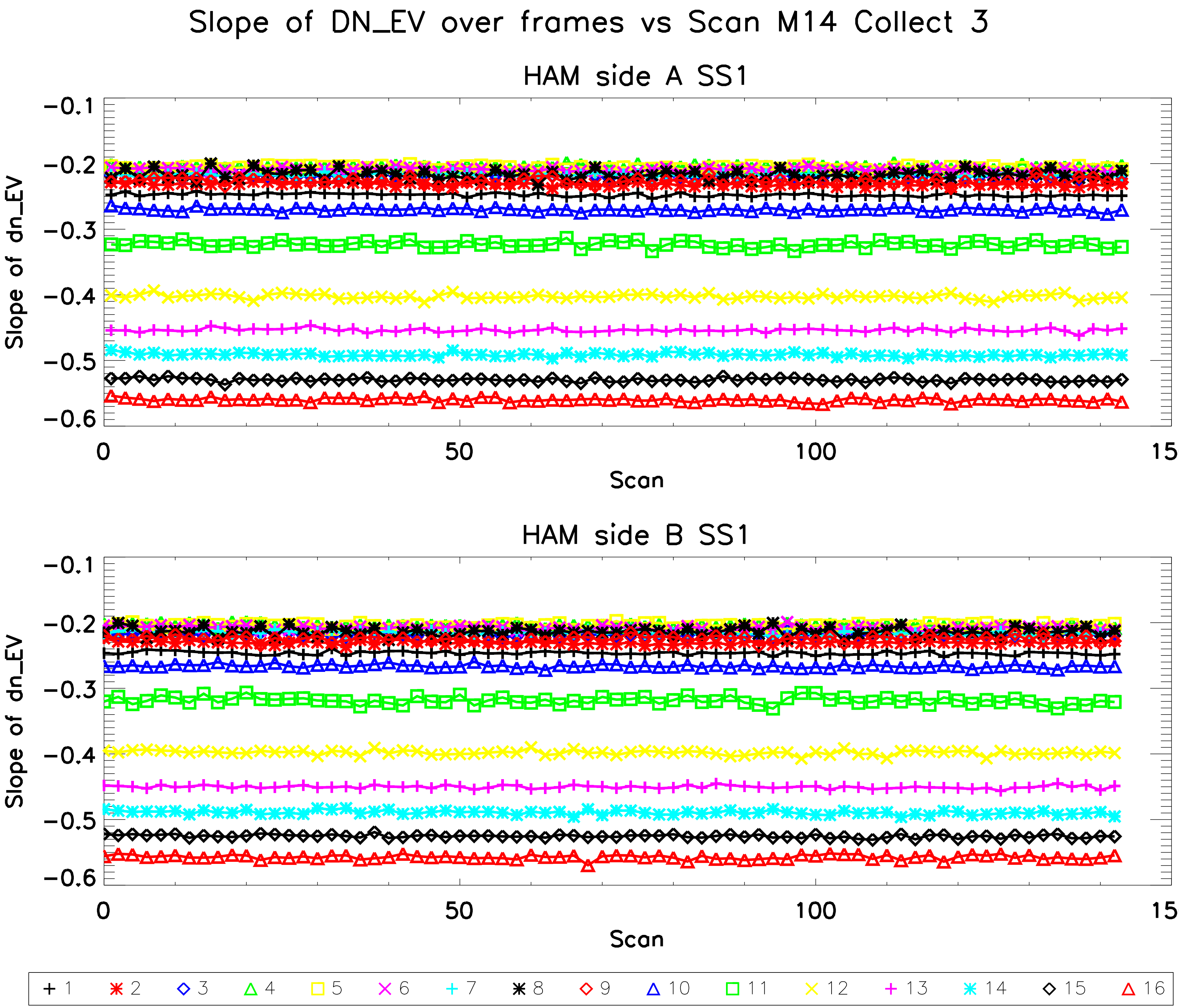
Slope of DN_EV over frames vs Scan I5 Collect 3

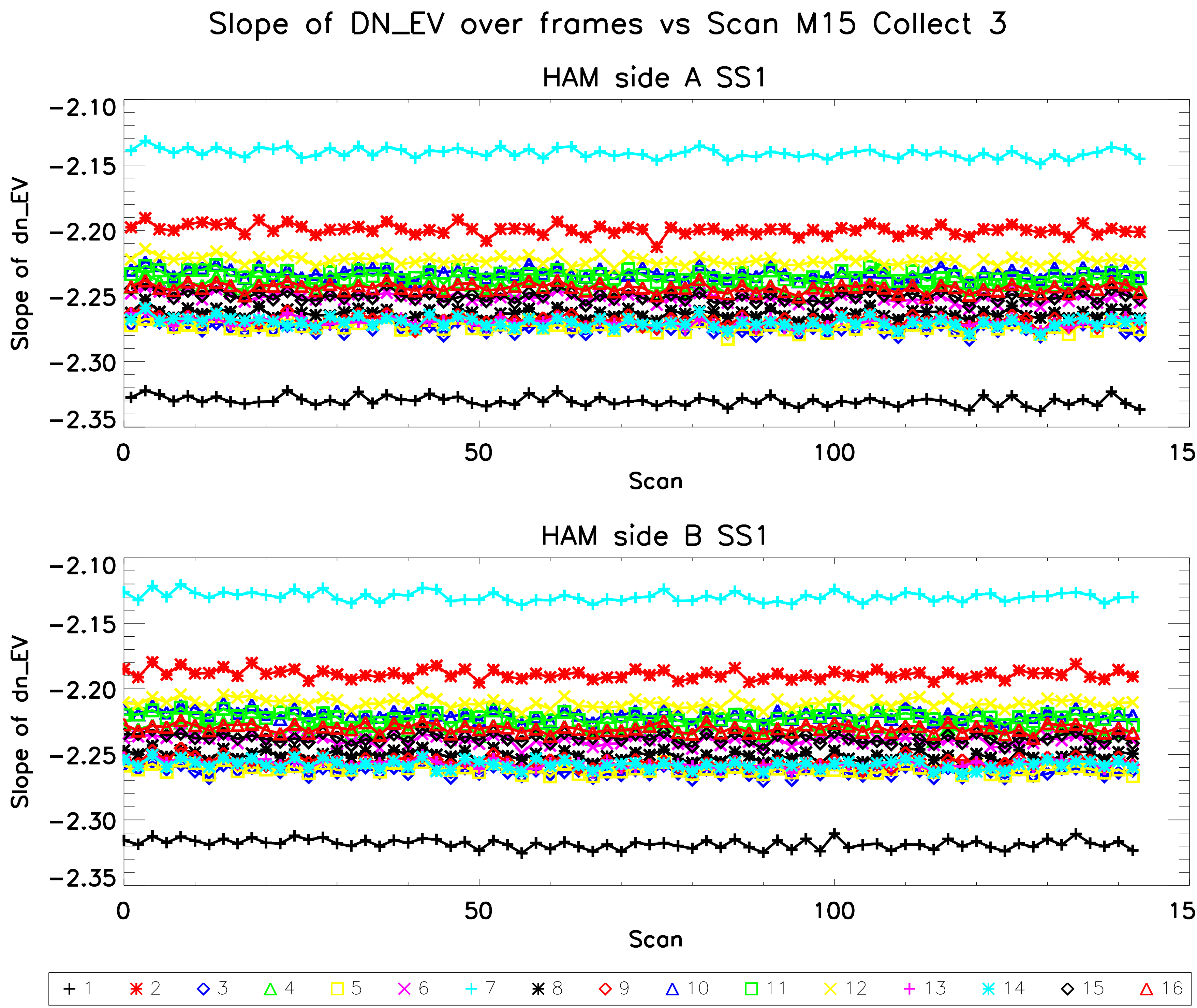


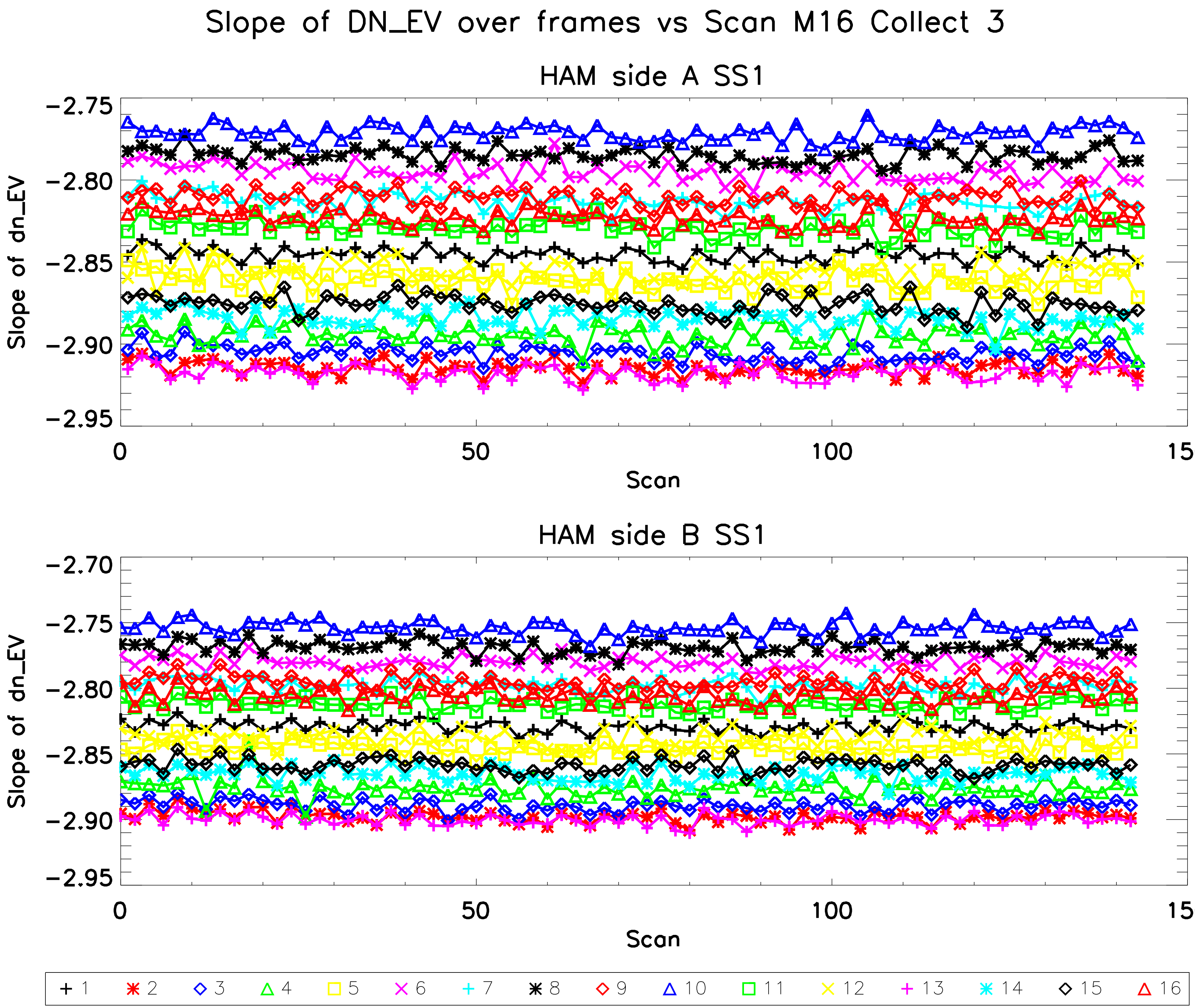
Slope of DN_EV over frames vs Scan M12 Collect 3

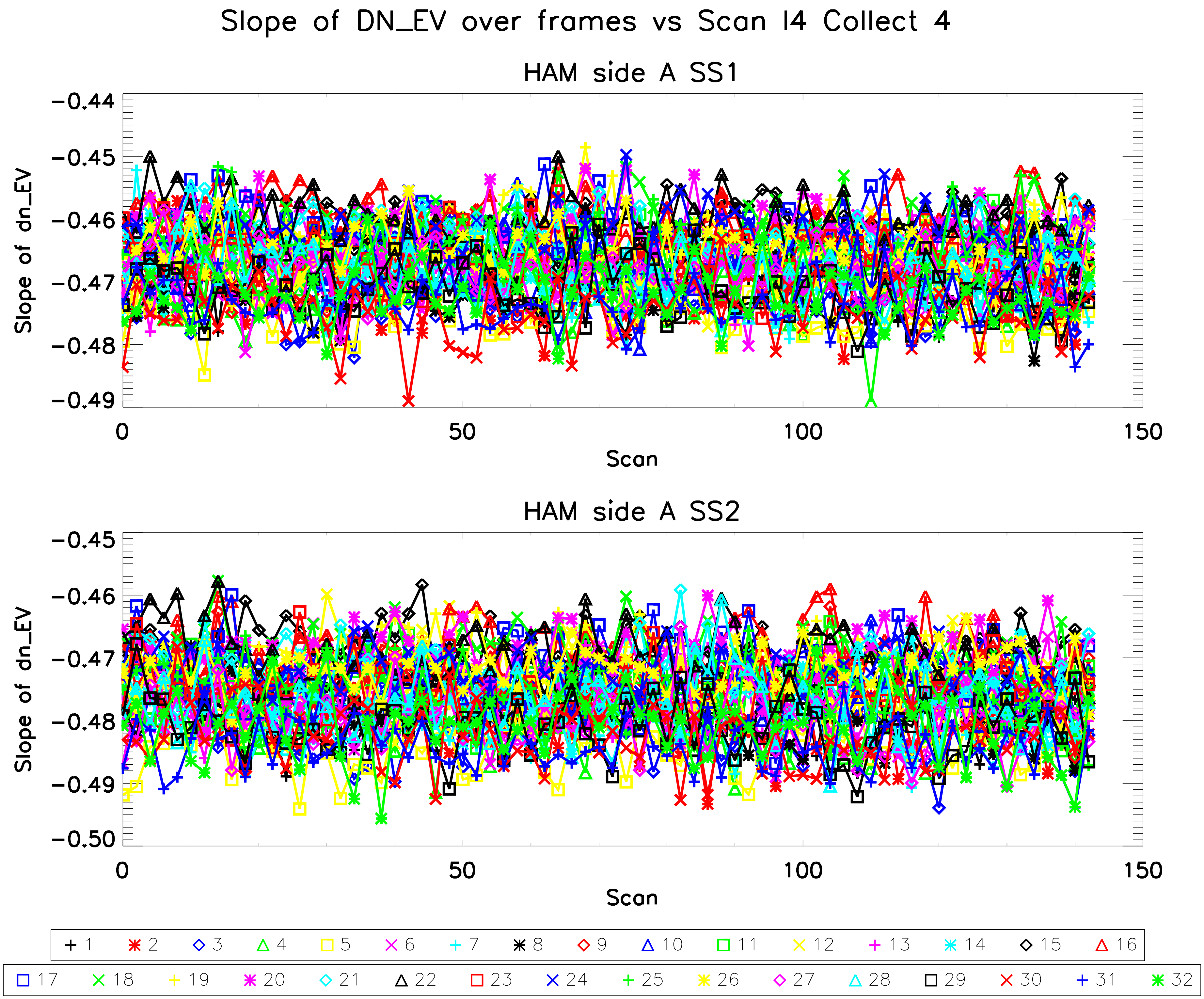



Slope of DN_EV over frames vs Scan M13 Collect 3
HAM side A SS1
Slope of dn_EV
0.015
0.010
0.005
0.000
−0.005
−0.010
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
0.010
0.005
0.000
−0.005
−0.010
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16


Slope of DN_EV over frames vs Scan M14 Collect 3
HAM side A SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16


Slope of DN_EV over frames vs Scan M15 Collect 3
HAM side A SS1
Slope of dn_EV
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Slope of DN_EV over frames vs Scan M16 Collect 3
HAM side A SS1
Slope of dn_EV
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16


Slope of DN_EV over frames vs Scan I4 Collect 4
HAM side A SS1
Slope of dn_EV
−0.44
−0.45
−0.46
−0.47
−0.48
−0.49
0
50
100
150
Scan
HAM side A SS2
Slope of dn_EV
−0.45
−0.46
−0.47
−0.48
−0.49
−0.50
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
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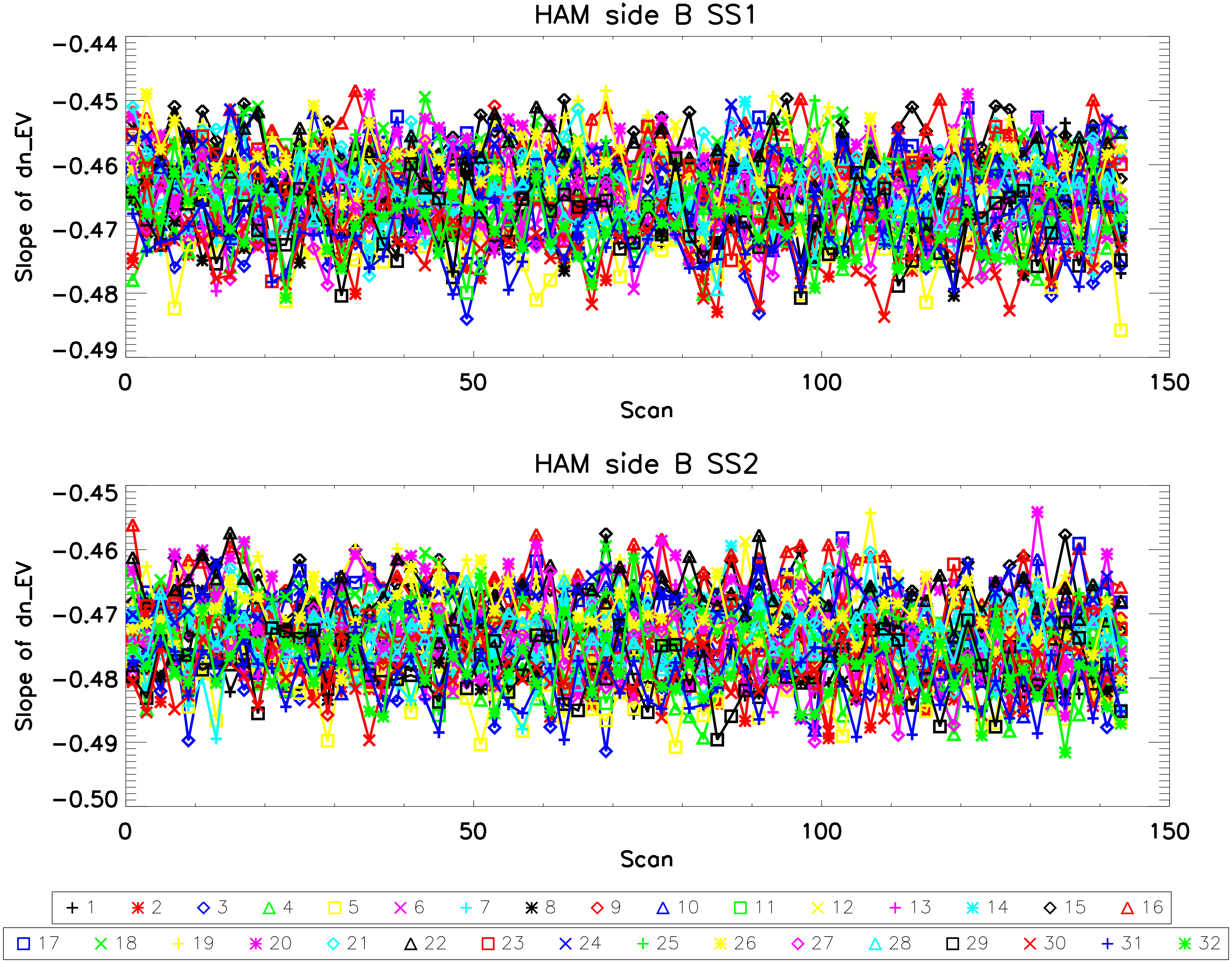
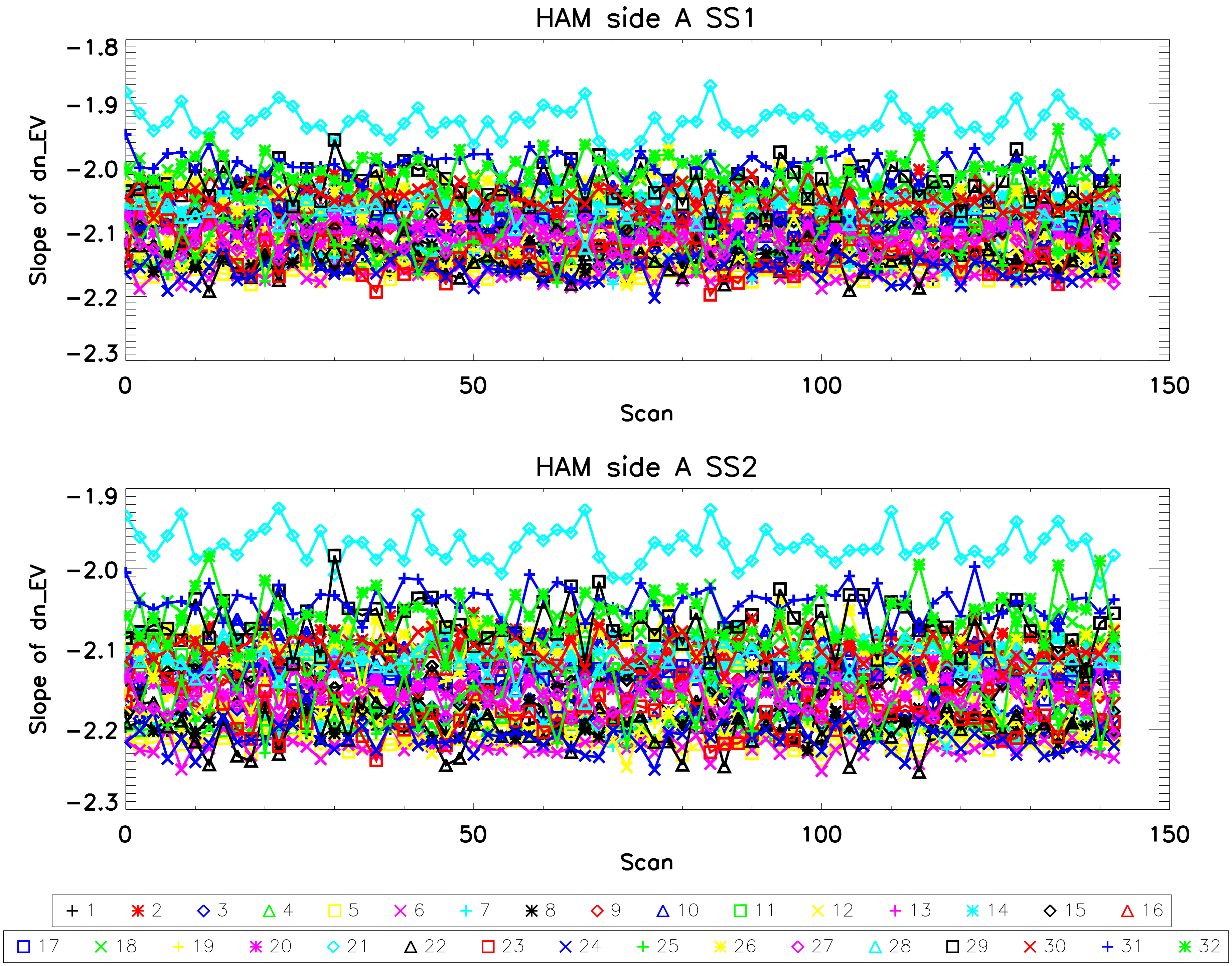
27
28
29
30
31
32

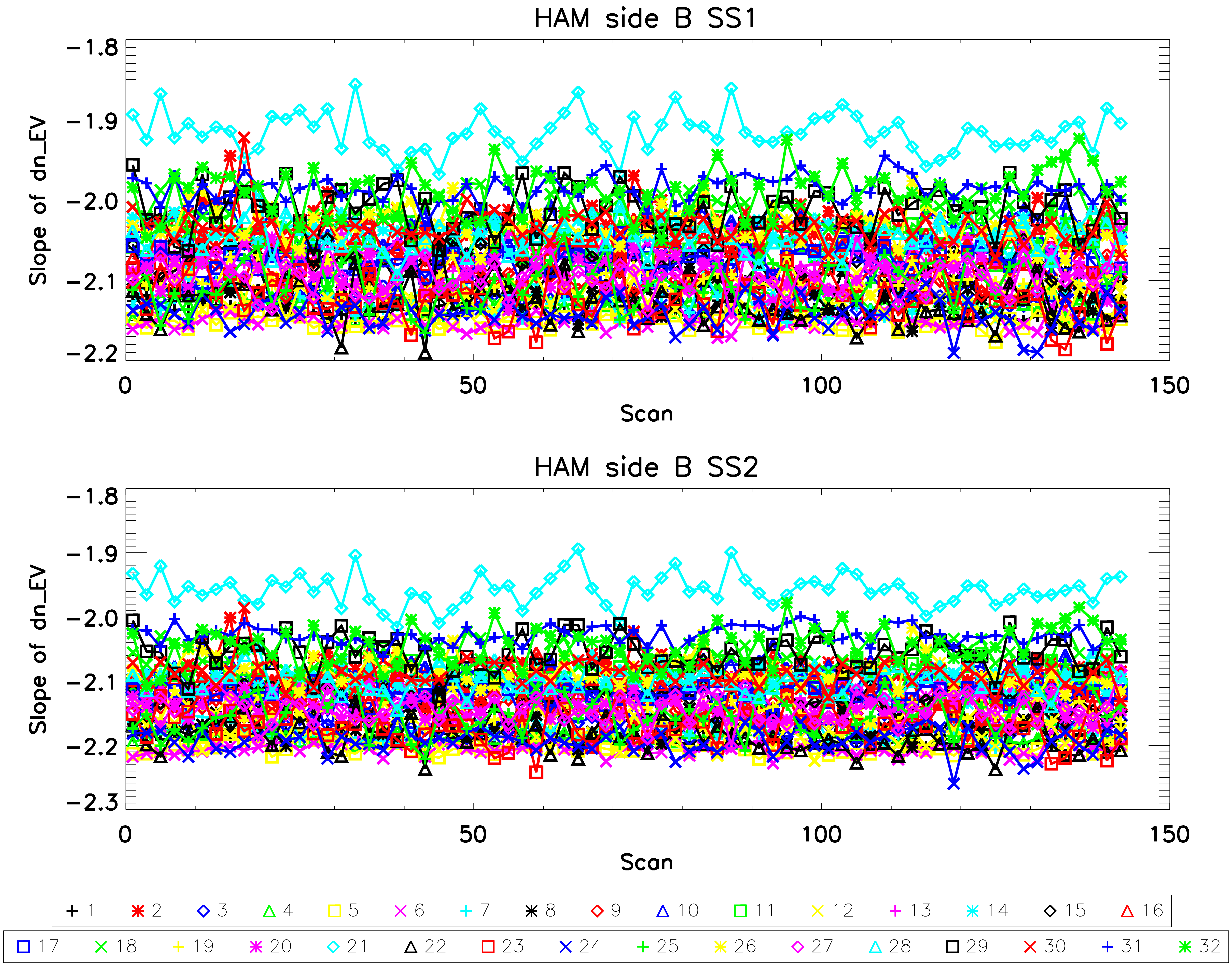
Slope of DN_EV over frames vs Scan I4 Collect 4

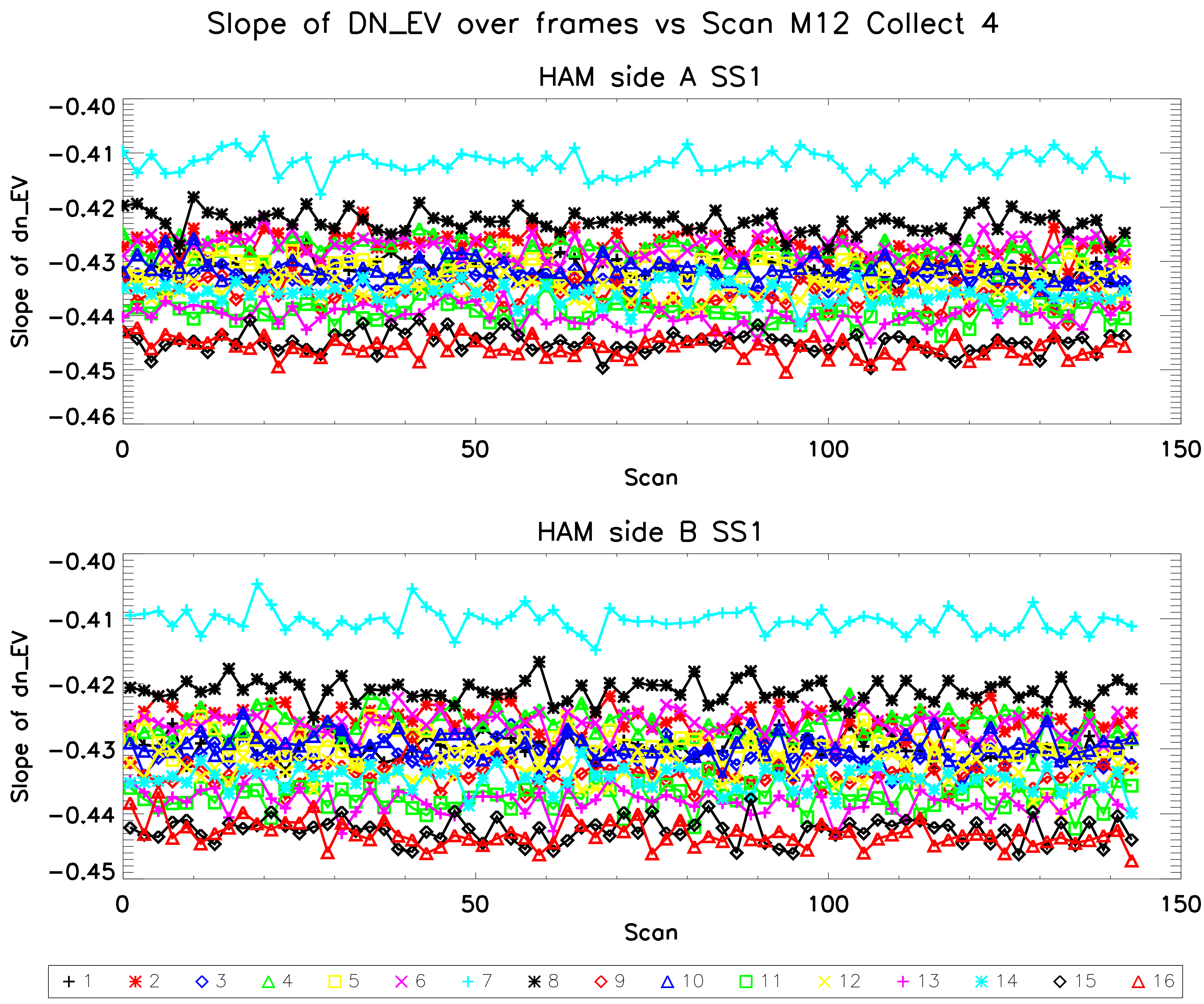


Slope of DN_EV over frames vs Scan I5 Collect 4

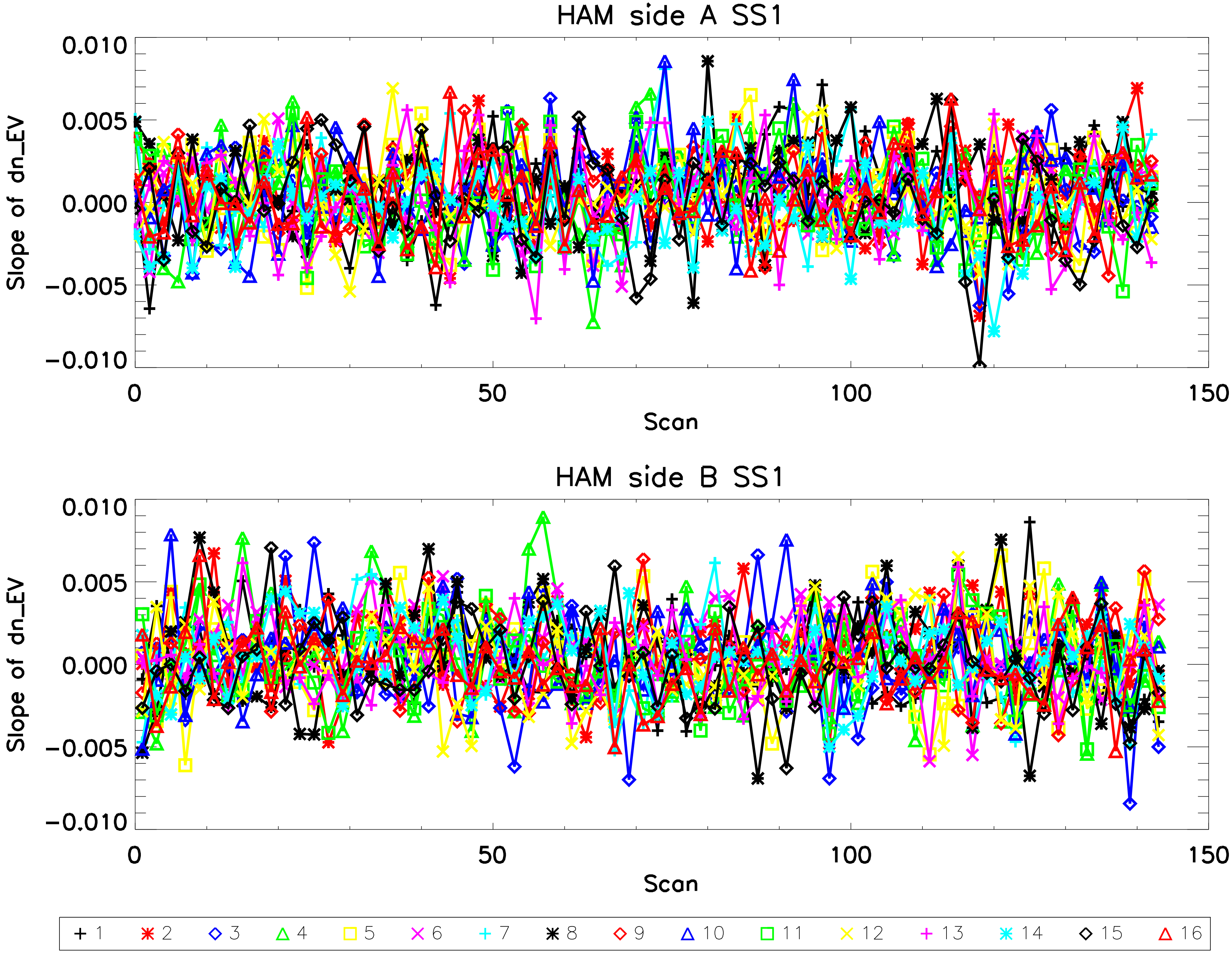


Slope of DN_EV over frames vs Scan I5 Collect 4

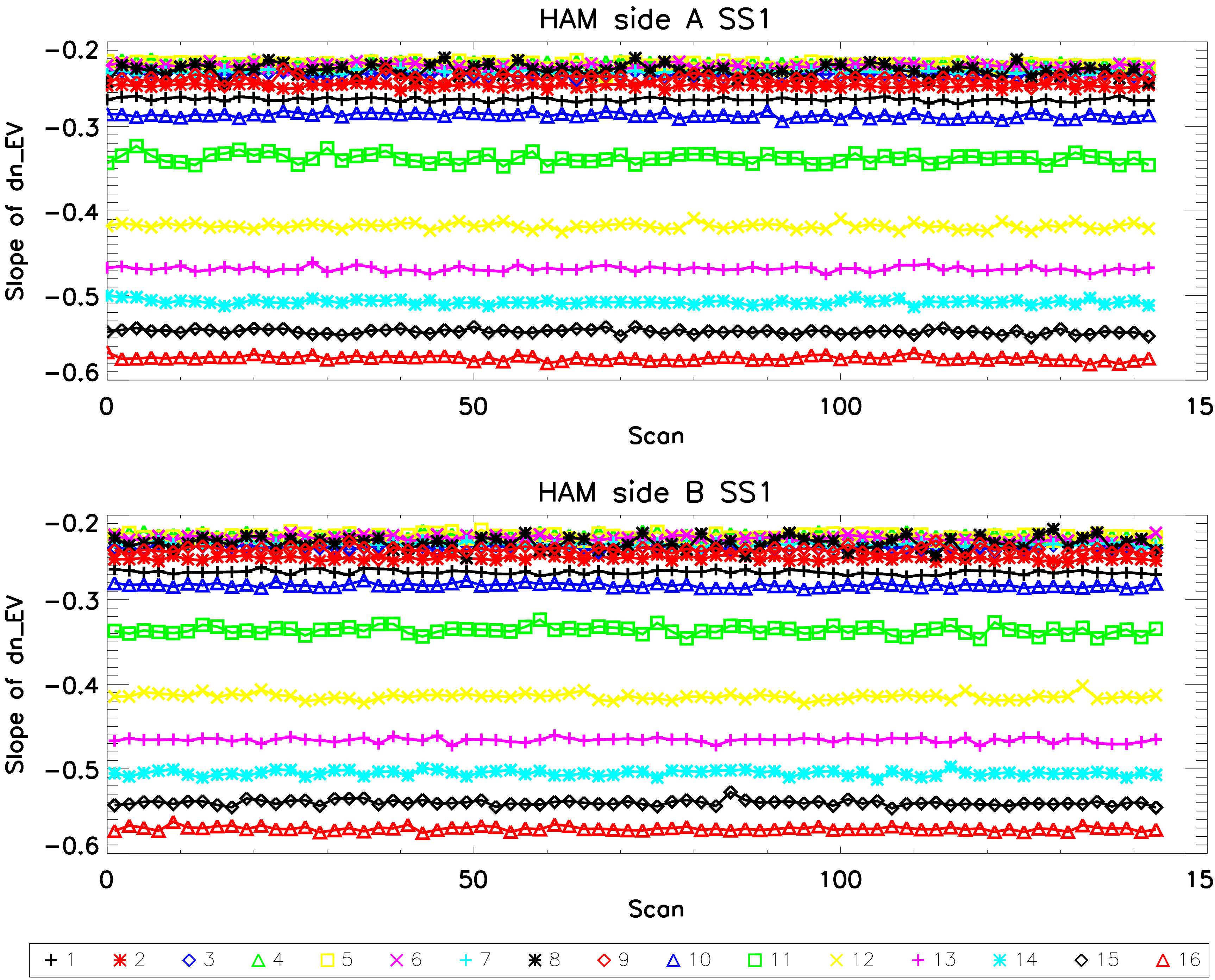



Slope of DN_EV over frames vs Scan M12 Collect 4
HAM side A SS1
Slope of dn_EV
−0.40
−0.41
−0.42
−0.43
−0.44
−0.45
−0.46
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.40
−0.41
−0.42
−0.43
−0.44
−0.45
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

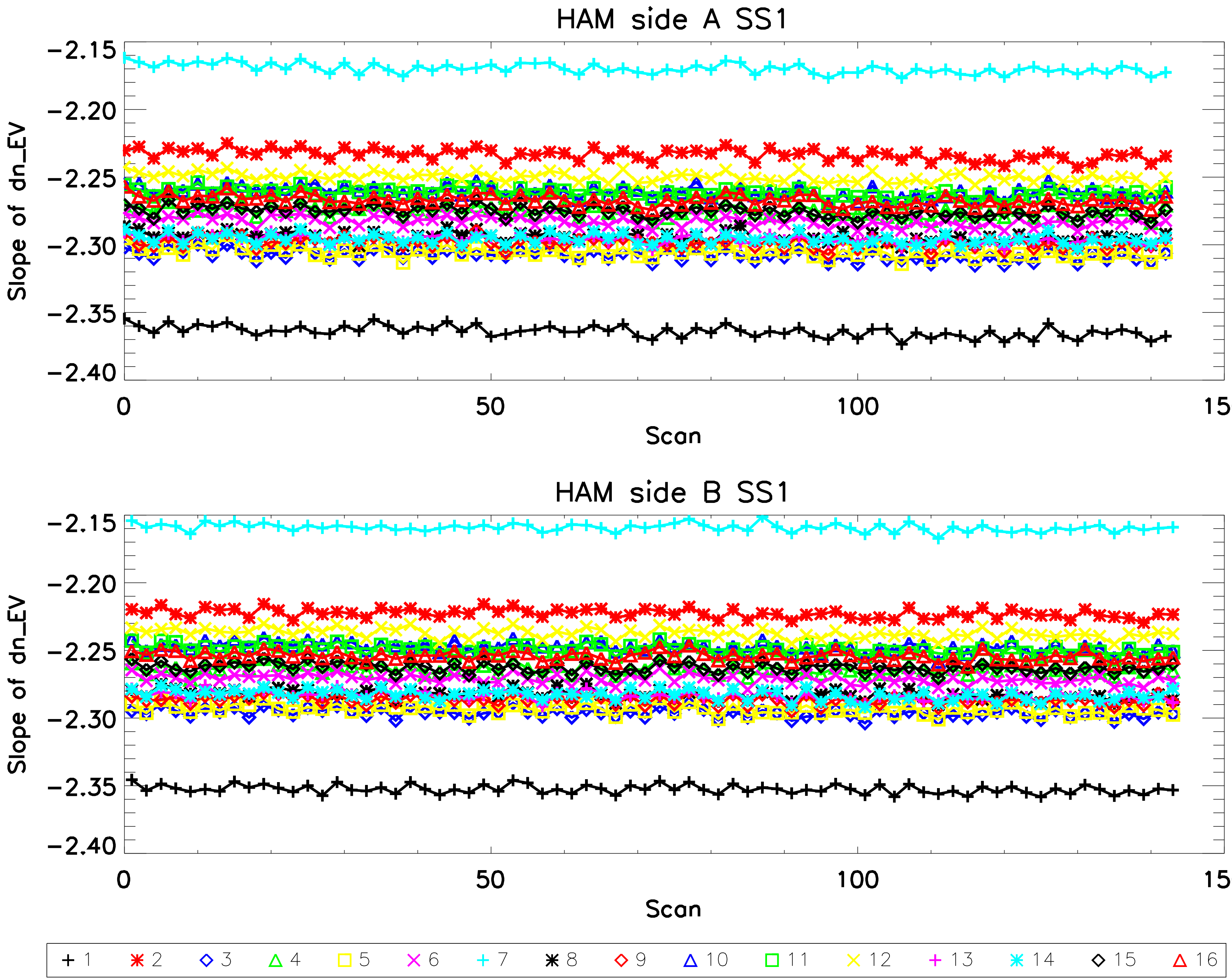
Slope of DN_EV over frames vs Scan M13 Collect 4



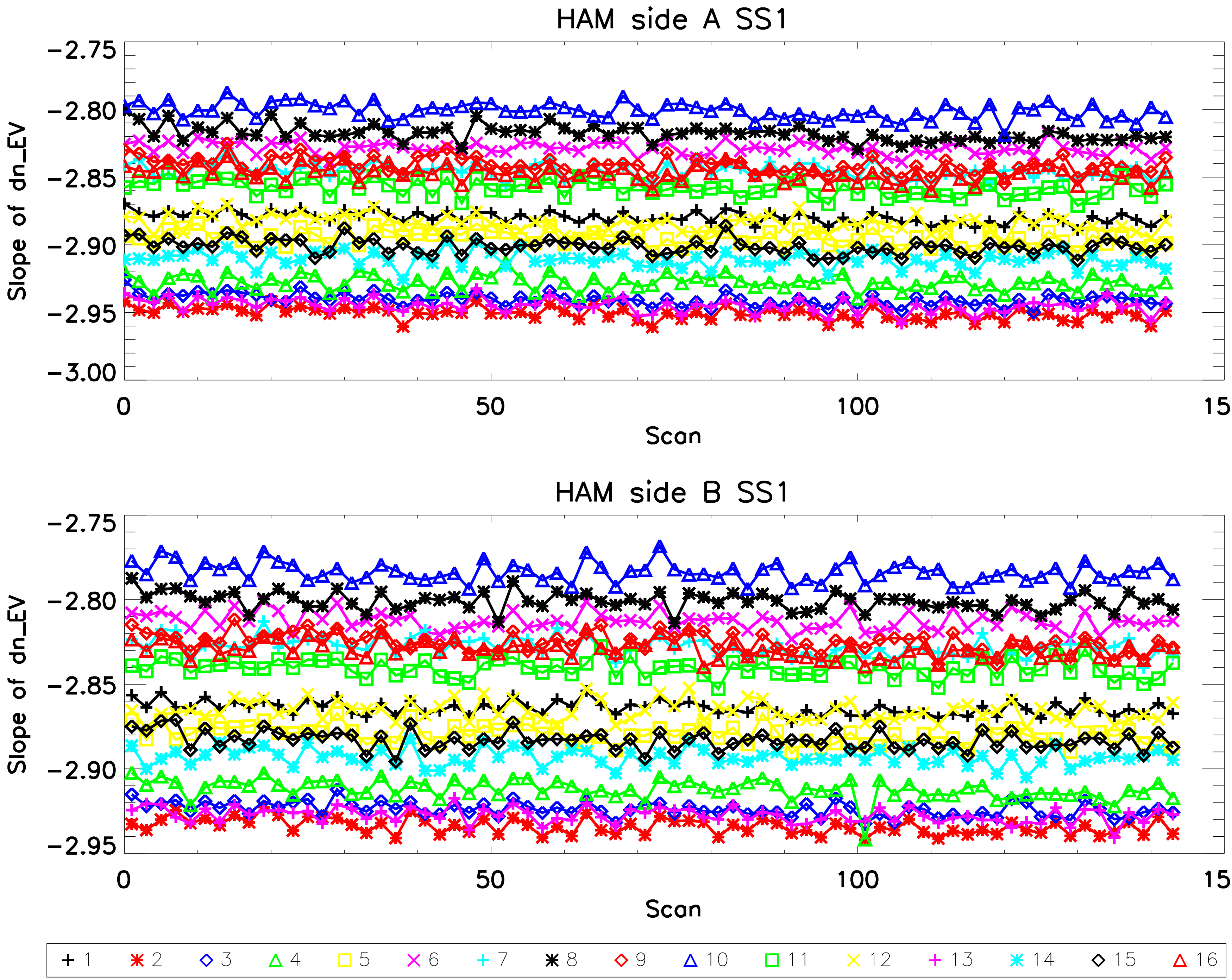
Slope of DN_EV over frames vs Scan M14 Collect 4

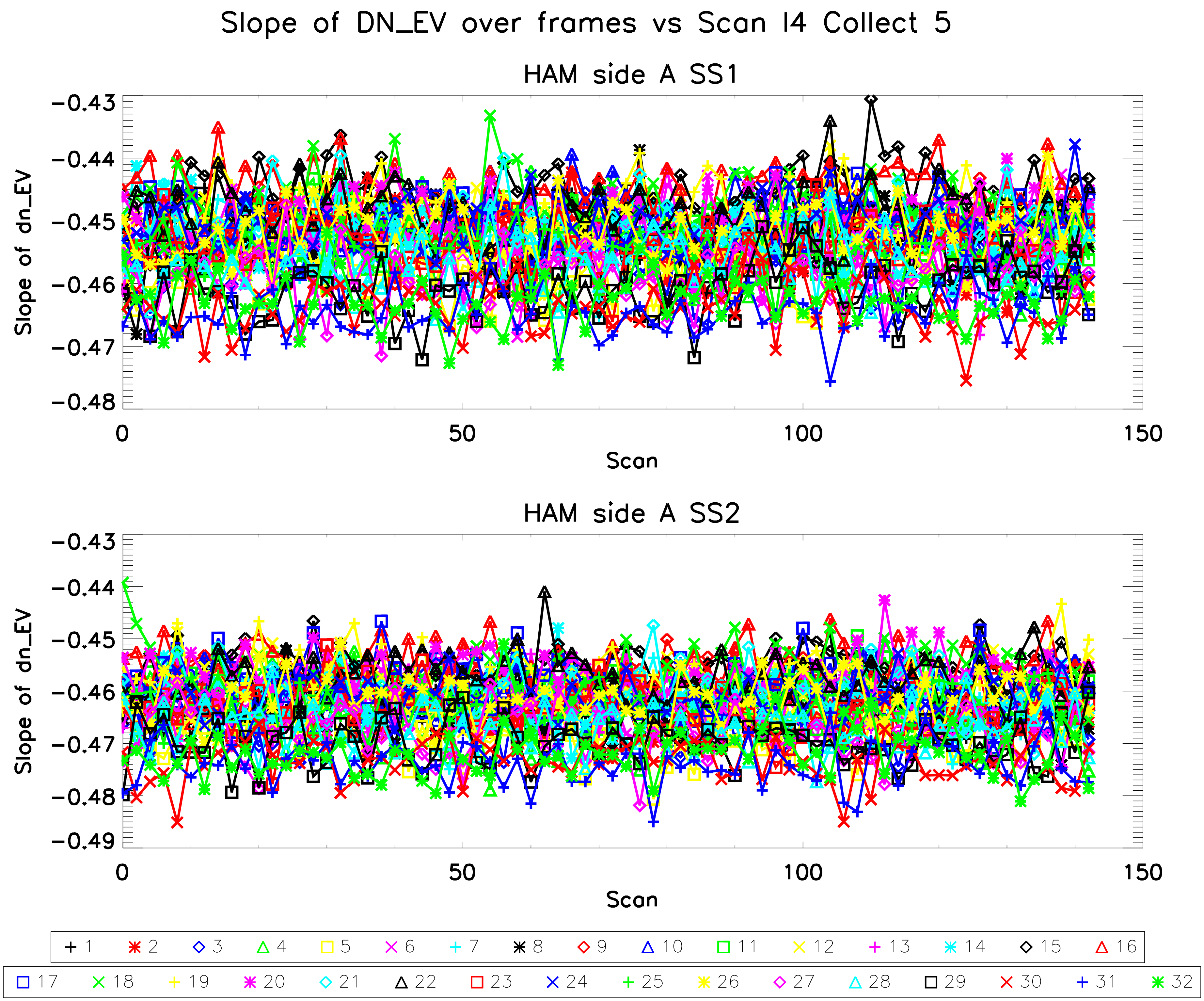


Slope of DN_EV over frames vs Scan M15 Collect 4

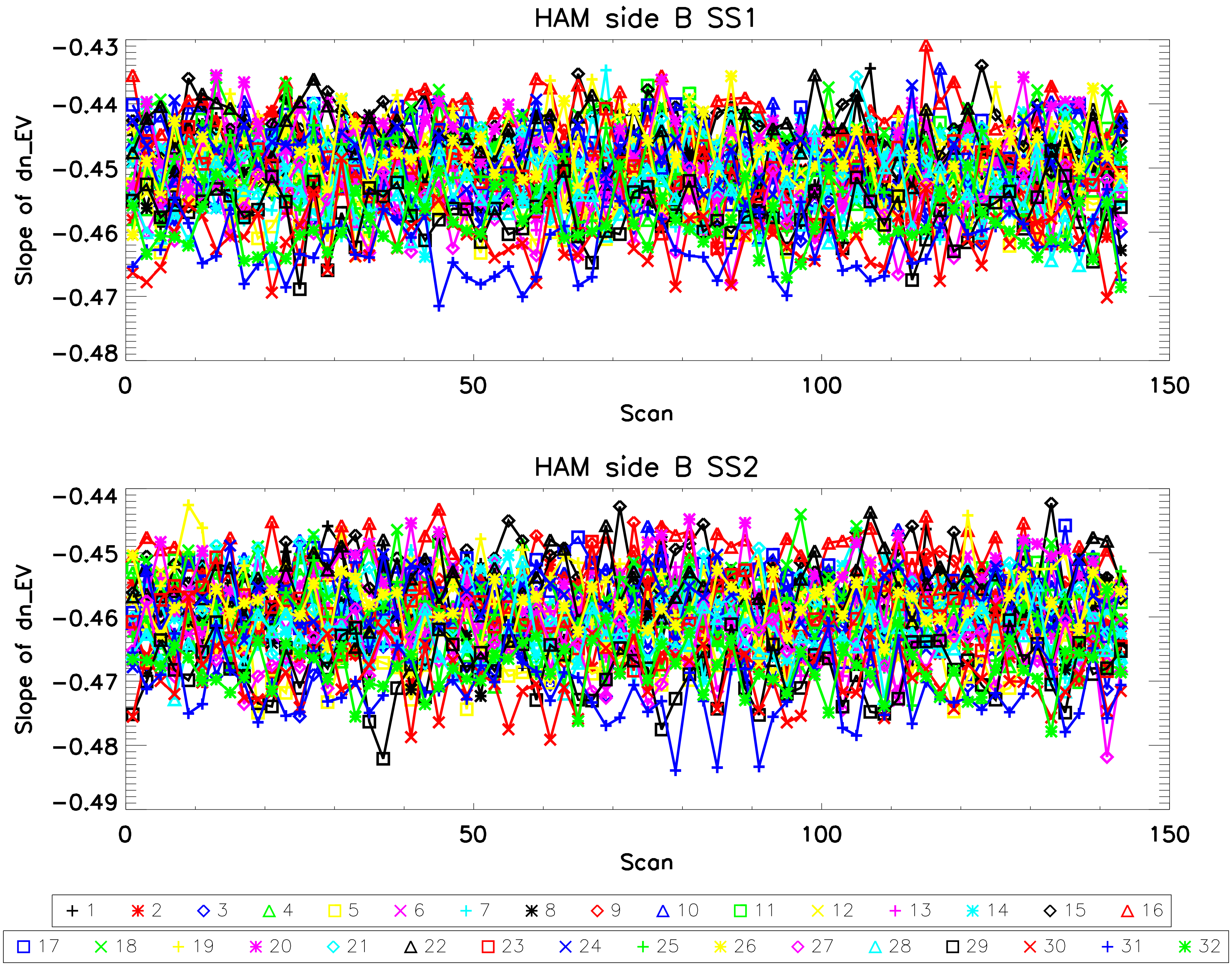


Slope of DN_EV over frames vs Scan M16 Collect 4

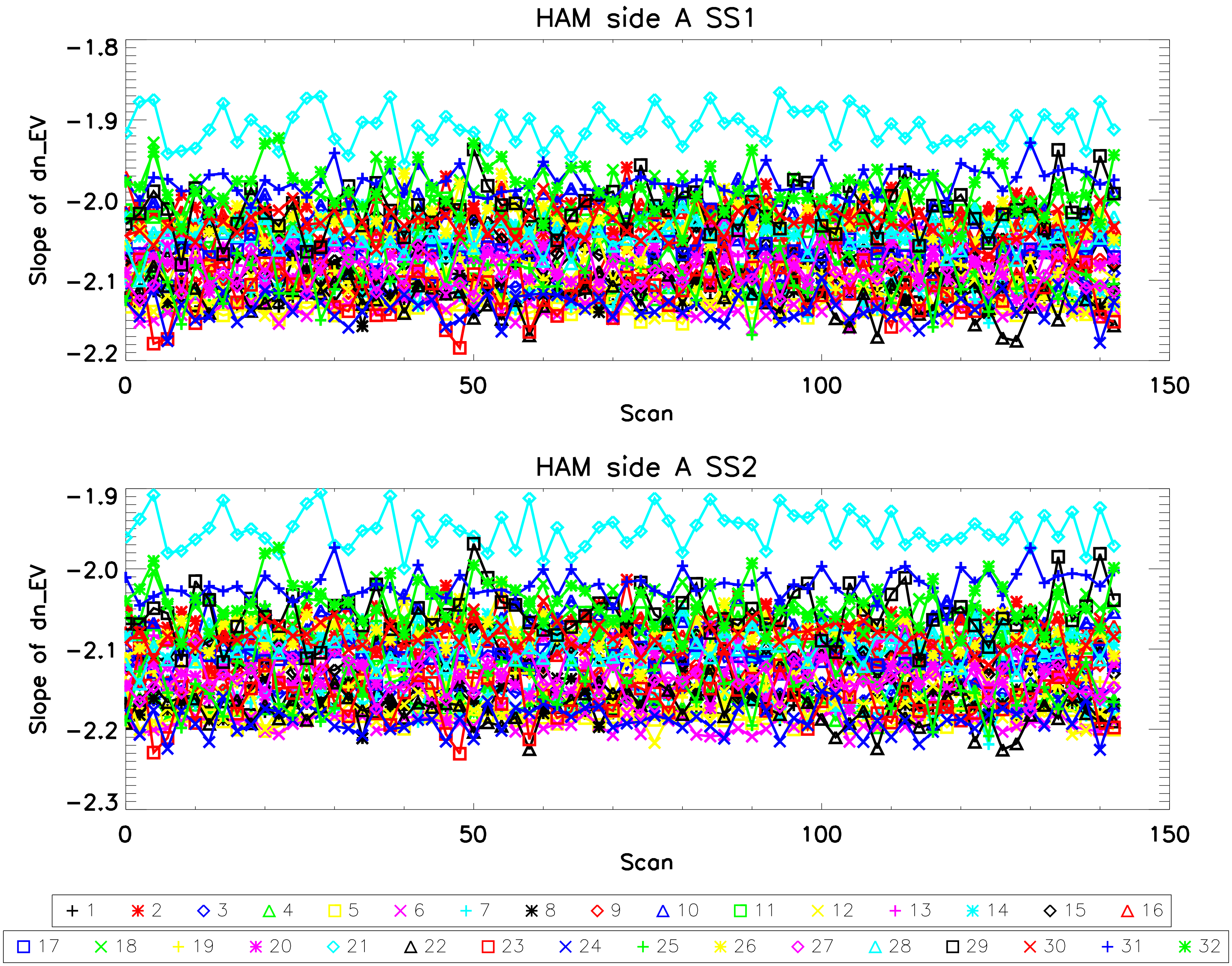



Slope of DN_EV over frames vs Scan I4 Collect 5
HAM side A SS1
Slope of dn_EV
−0.43
−0.44
−0.45
−0.46
−0.47
−0.48
0
50
100
150
Scan
HAM side A SS2
Slope of dn_EV
−0.43
−0.44
−0.45
−0.46
−0.47
−0.48
−0.49
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16
□ 17
× 18
+ 19
✱ 20
◇ 21
△ 22
□ 23
× 24
+ 25
✱ 26
◇ 27
△ 28
□ 29
× 30
+ 31
✱ 32

Slope of DN_EV over frames vs Scan I4 Collect 5



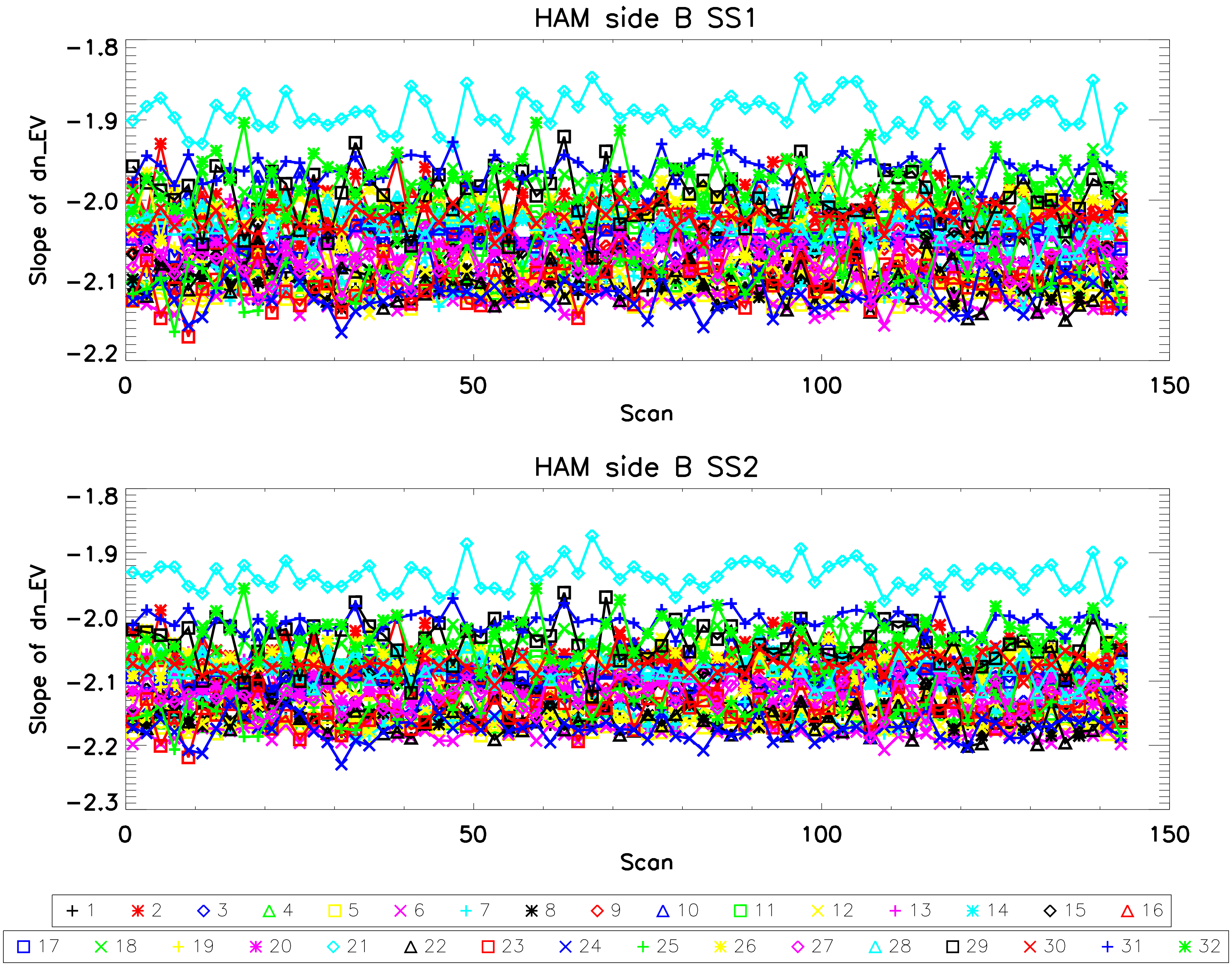
Slope of DN_EV over frames vs Scan I5 Collect 5

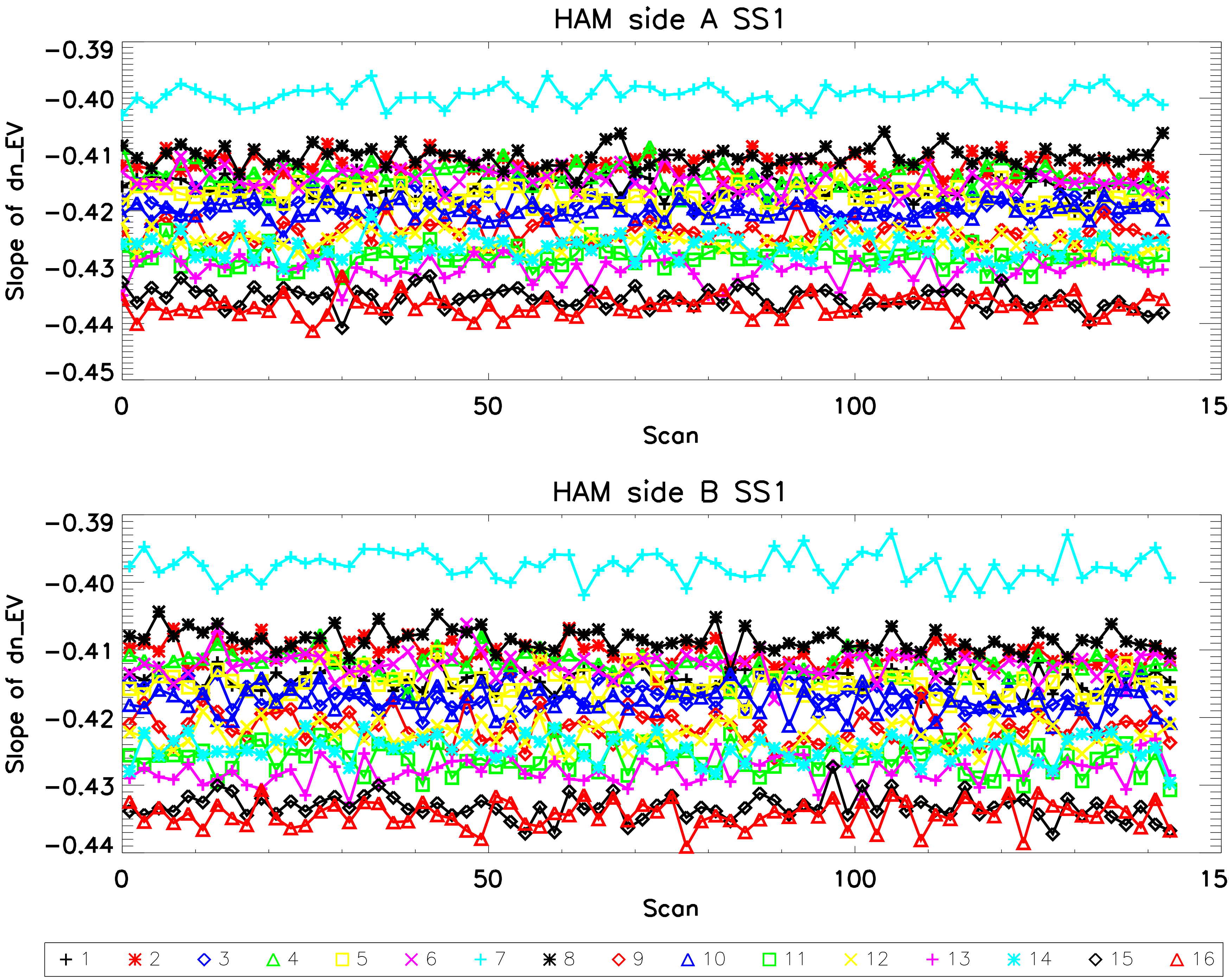


HAM side A SS1

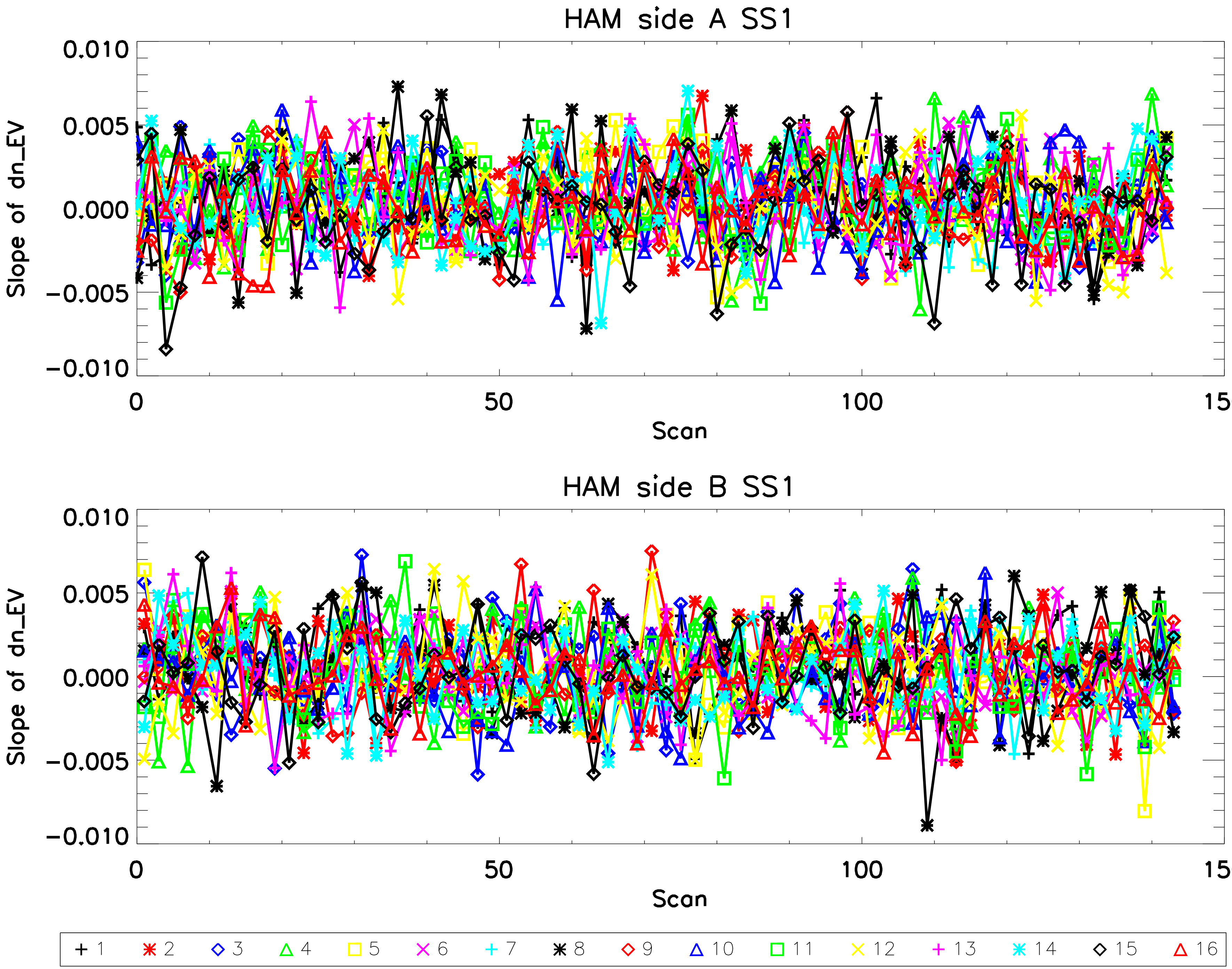
HAM side A SS2

Slope of DN_EV over frames vs Scan I5 Collect 5

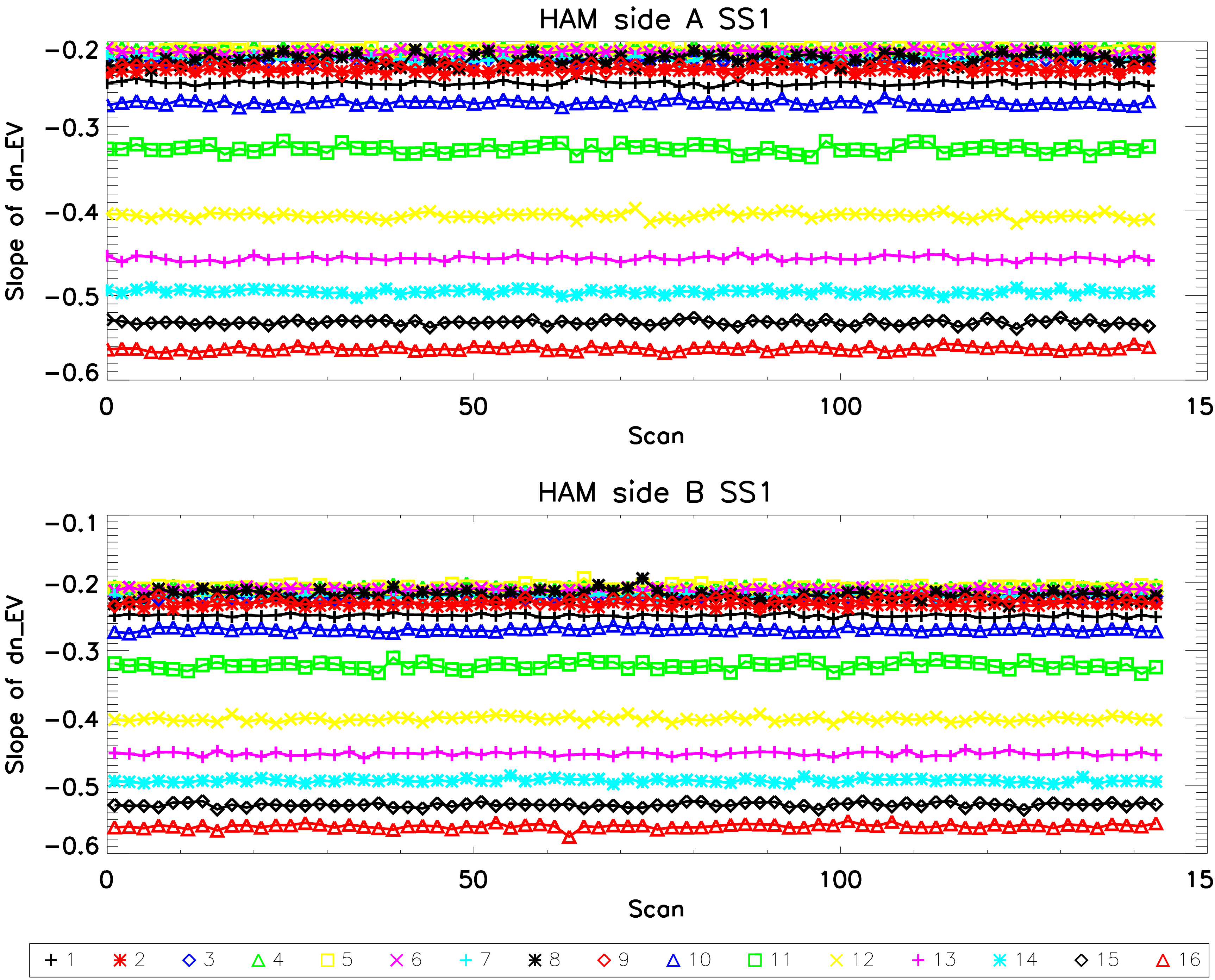


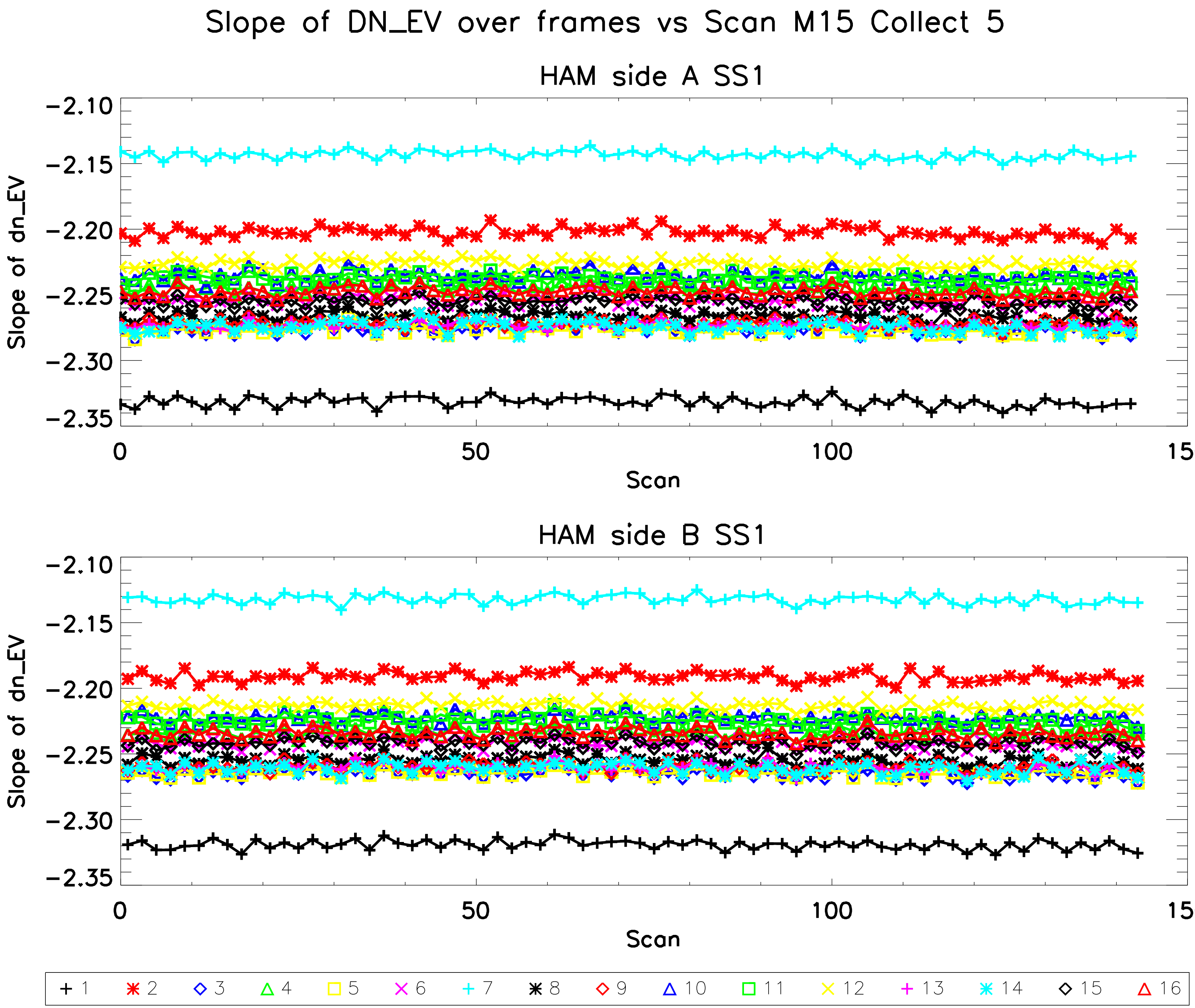

Slope of DN_EV over frames vs Scan M12 Collect 5

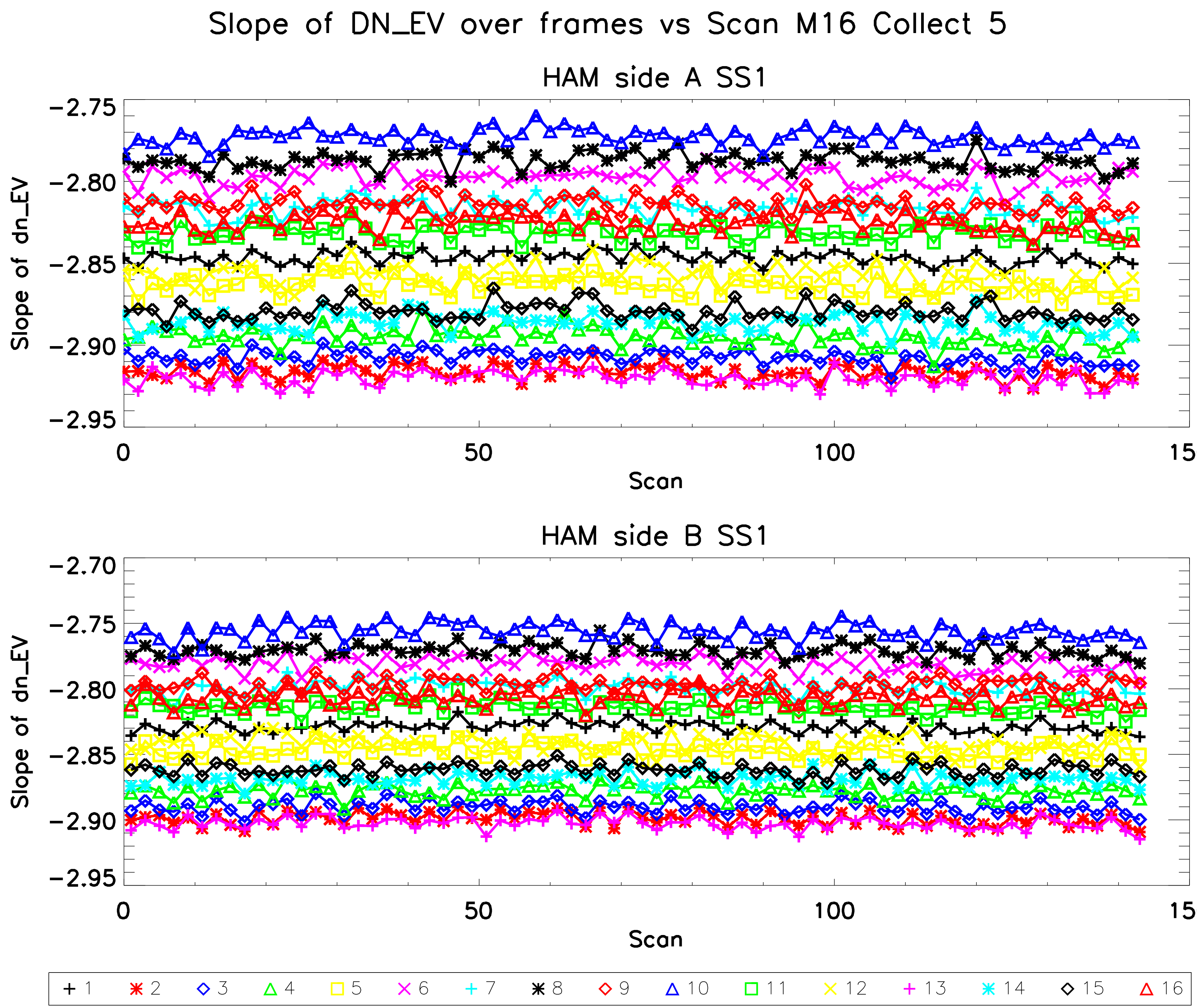
Slope of DN_EV over frames vs Scan M13 Collect 5



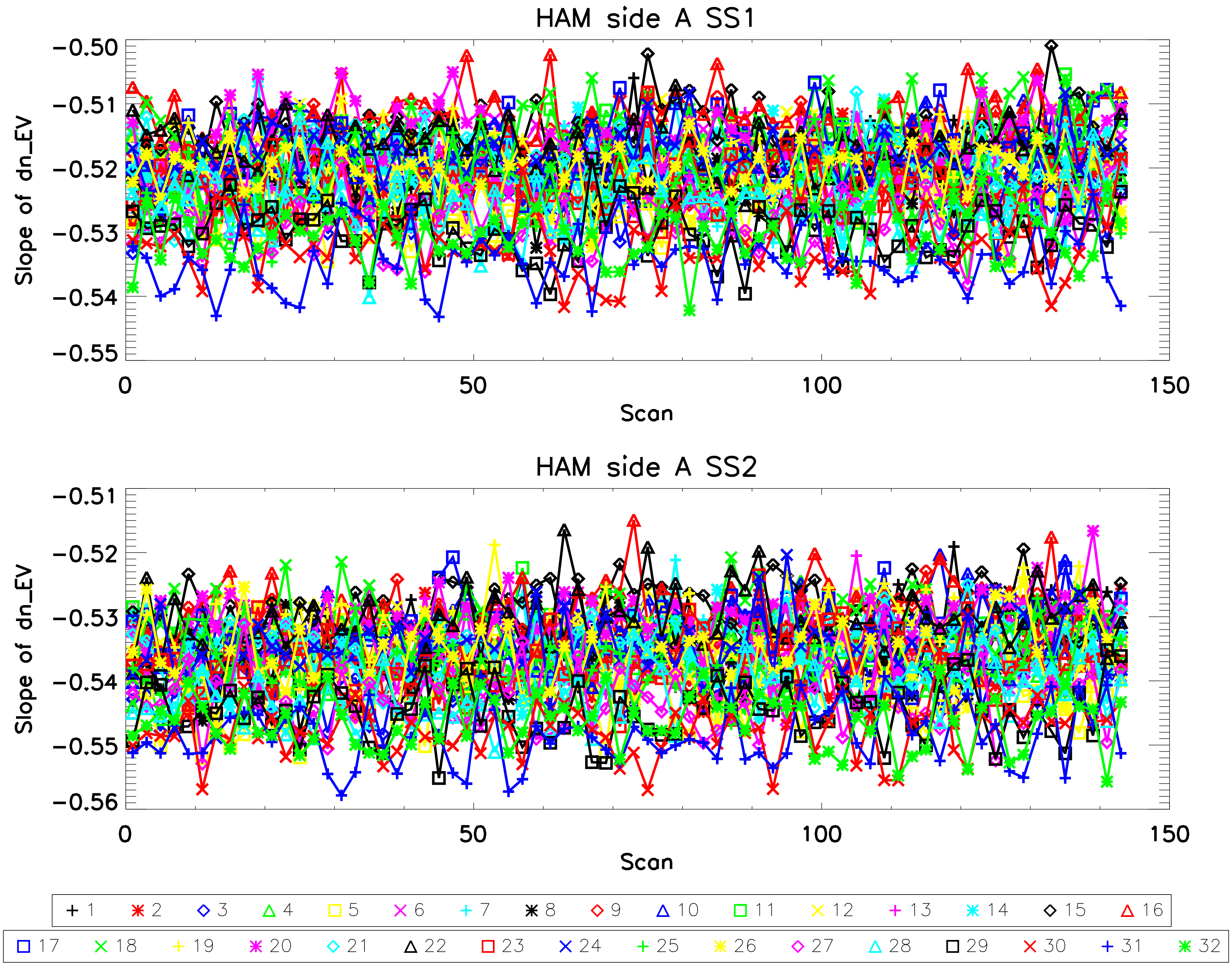
Slope of DN_EV over frames vs Scan M14 Collect 5



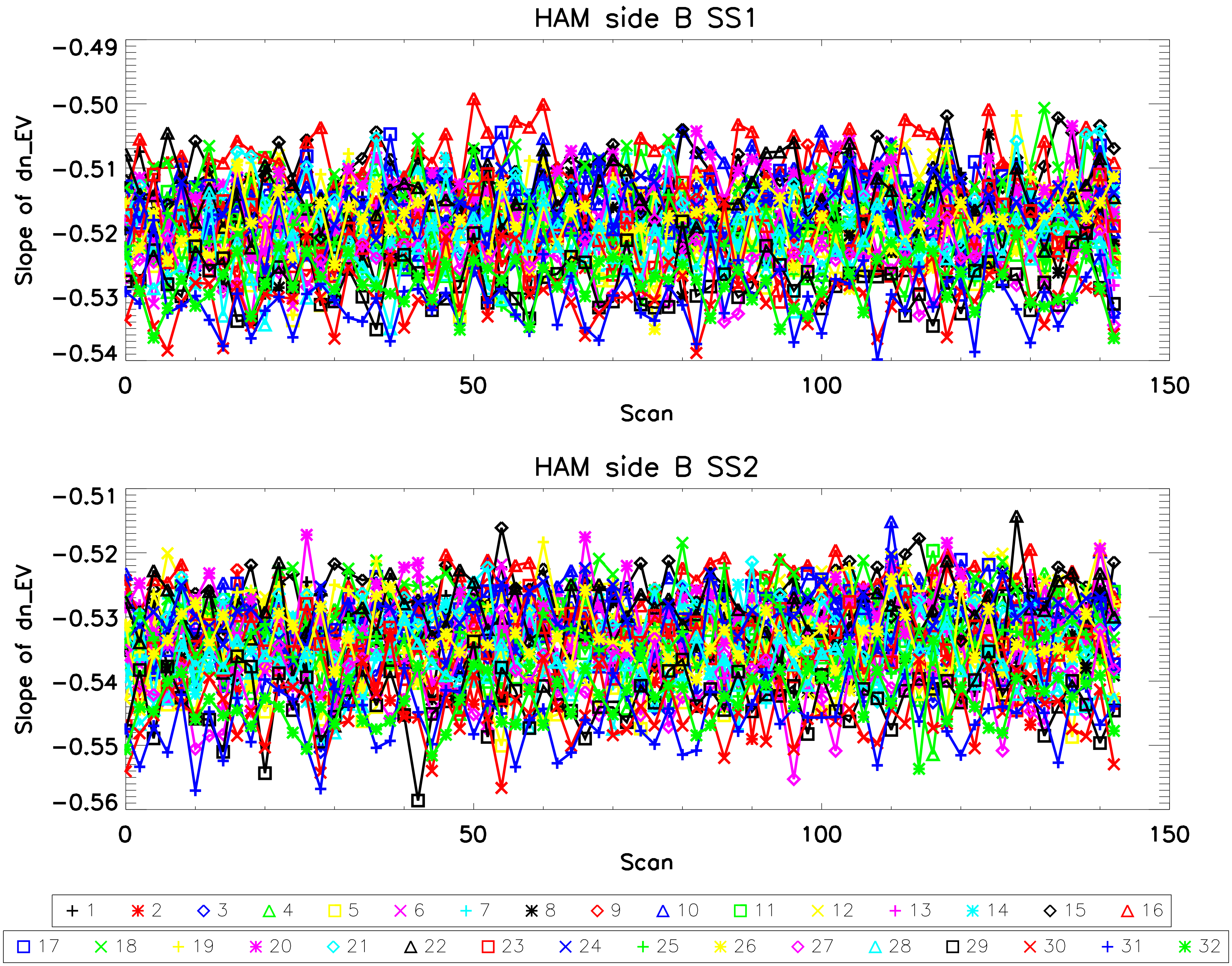

Slope of DN_EV over frames vs Scan M15 Collect 5
HAM side A SS1
Slope of dn_EV
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

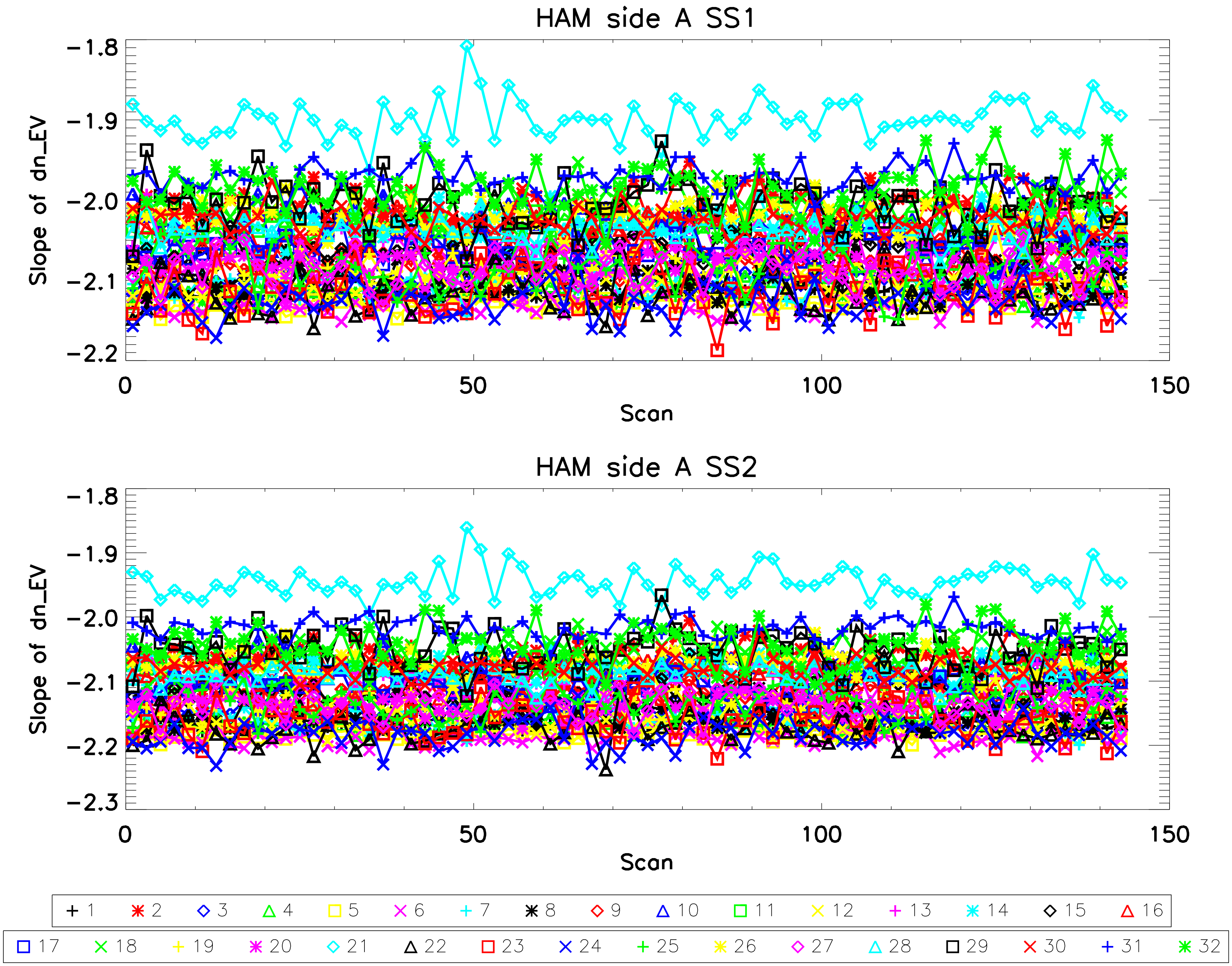

Slope of DN_EV over frames vs Scan M16 Collect 5
HAM side A SS1
Slope of dn_EV
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

Slope of DN_EV over frames vs Scan I4 Collect 6



Slope of DN_EV over frames vs Scan I4 Collect 6



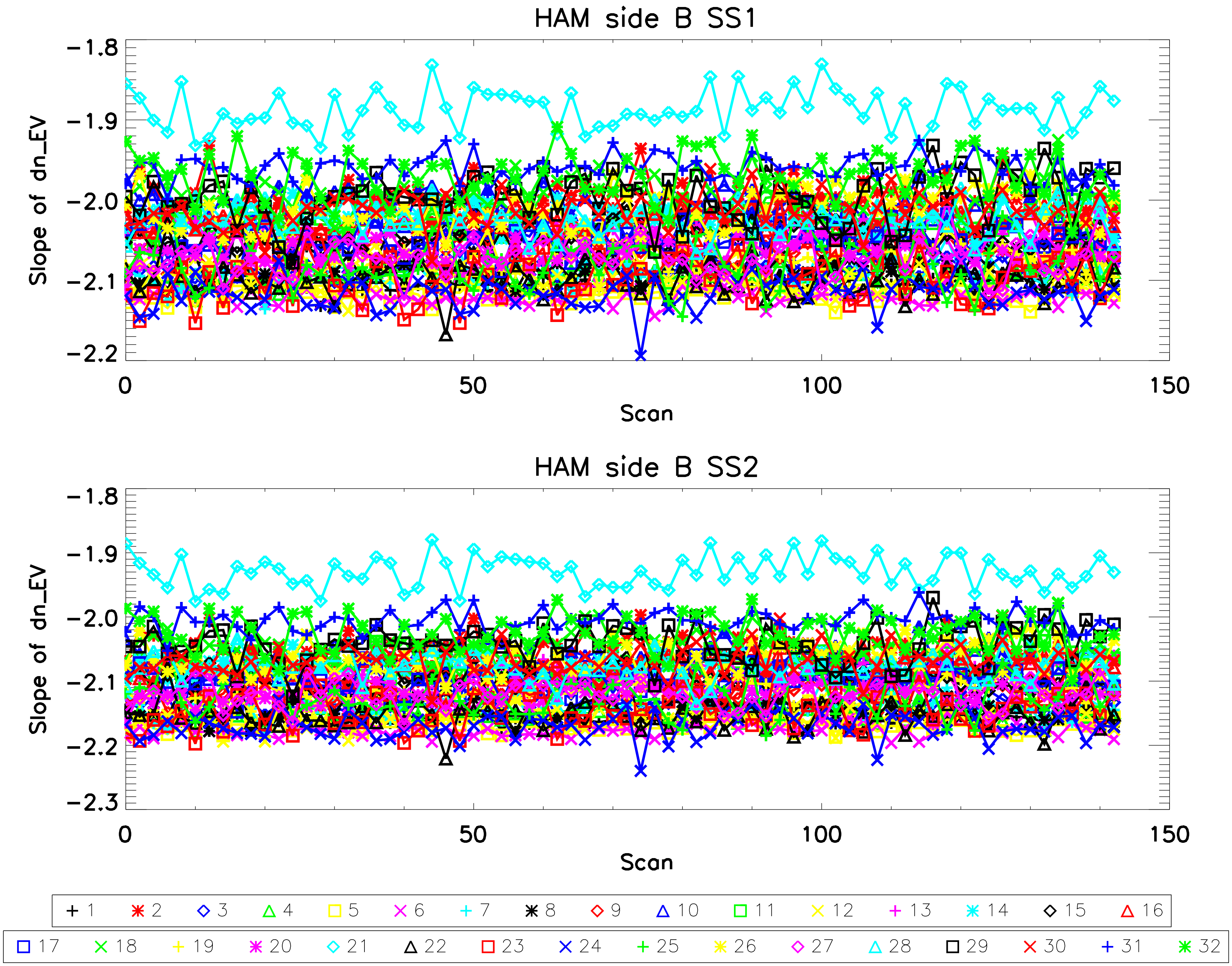


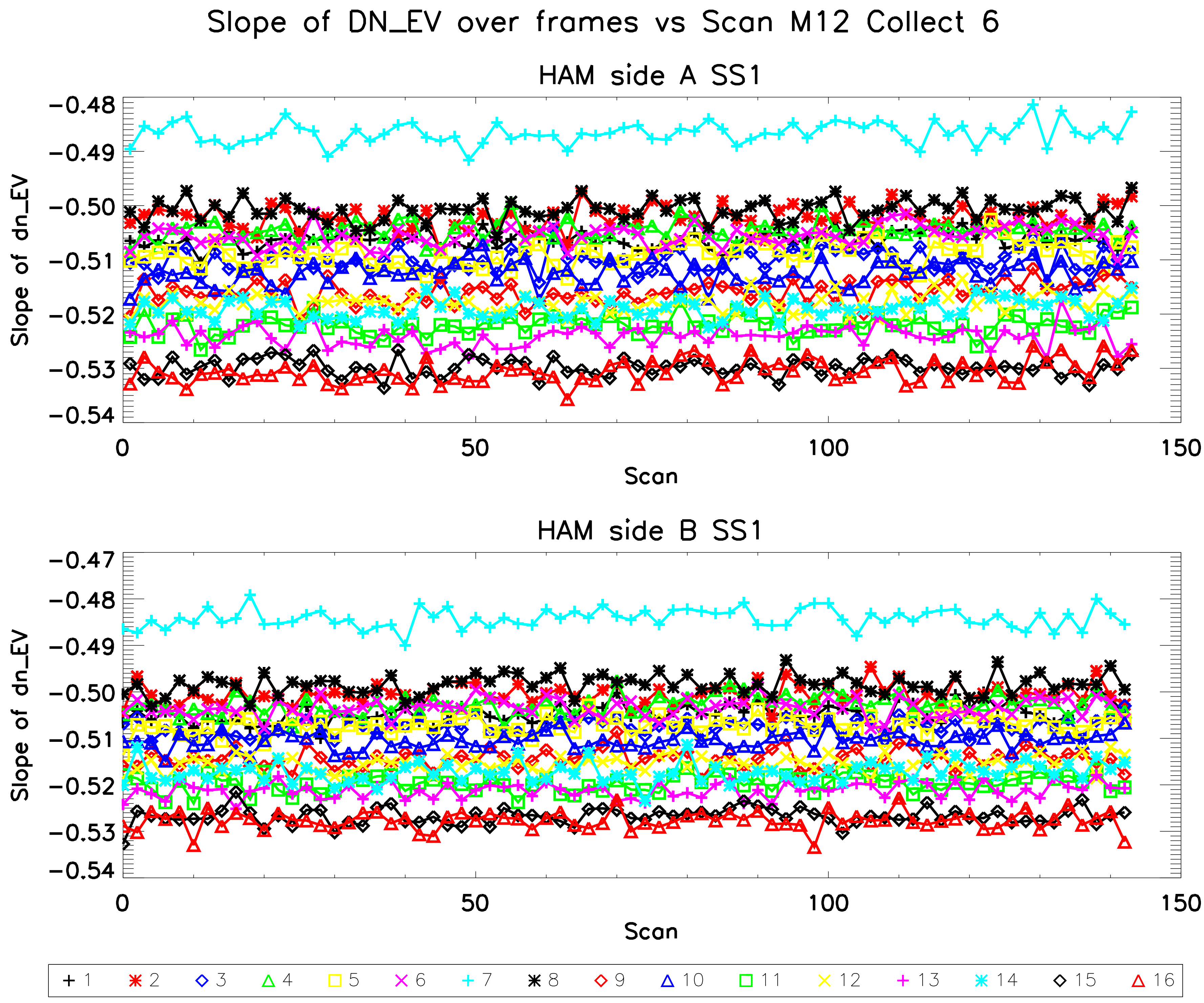
Slope of DN_EV over frames vs Scan I5 Collect 6

HAM side A SS1

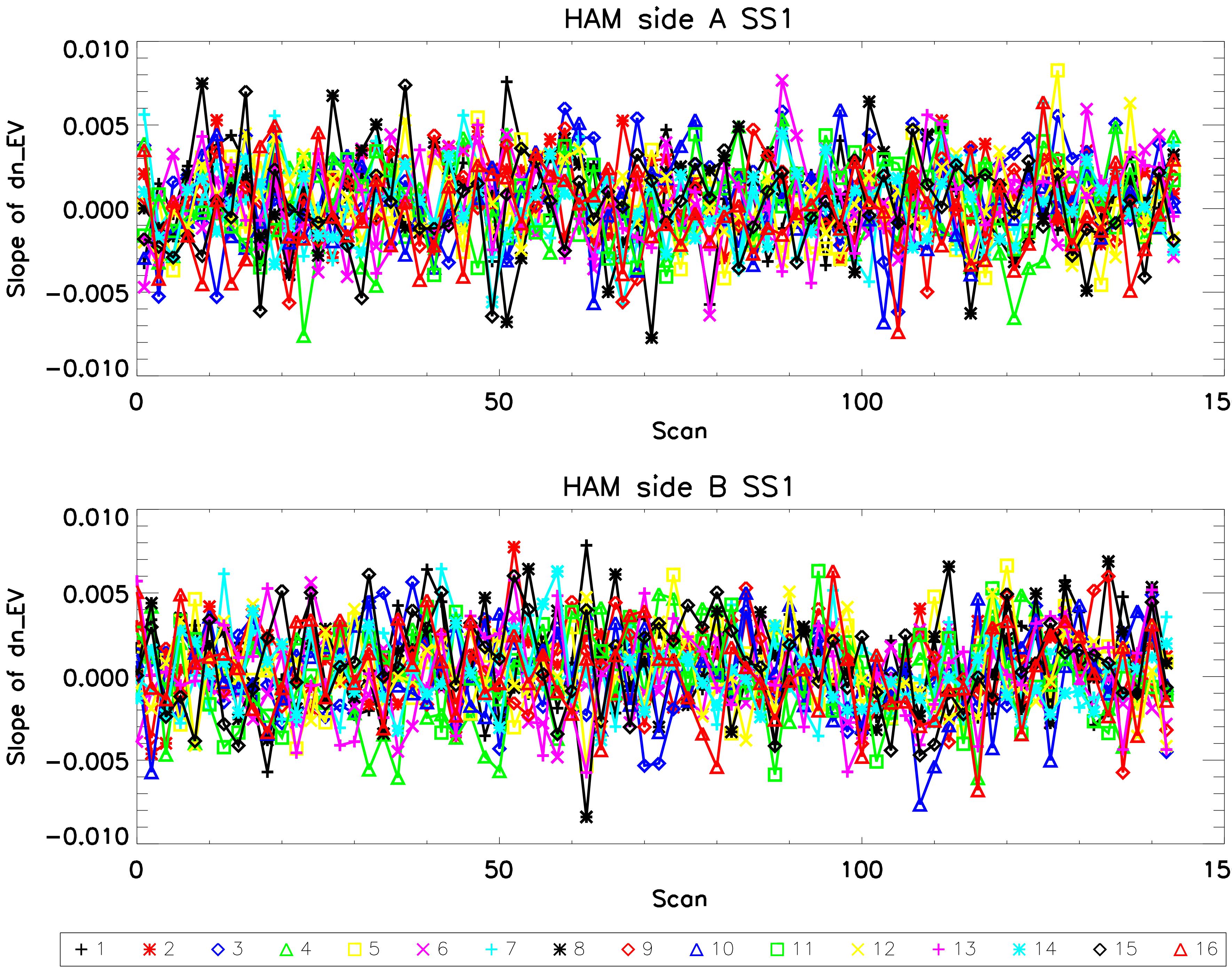
HAM side A SS2

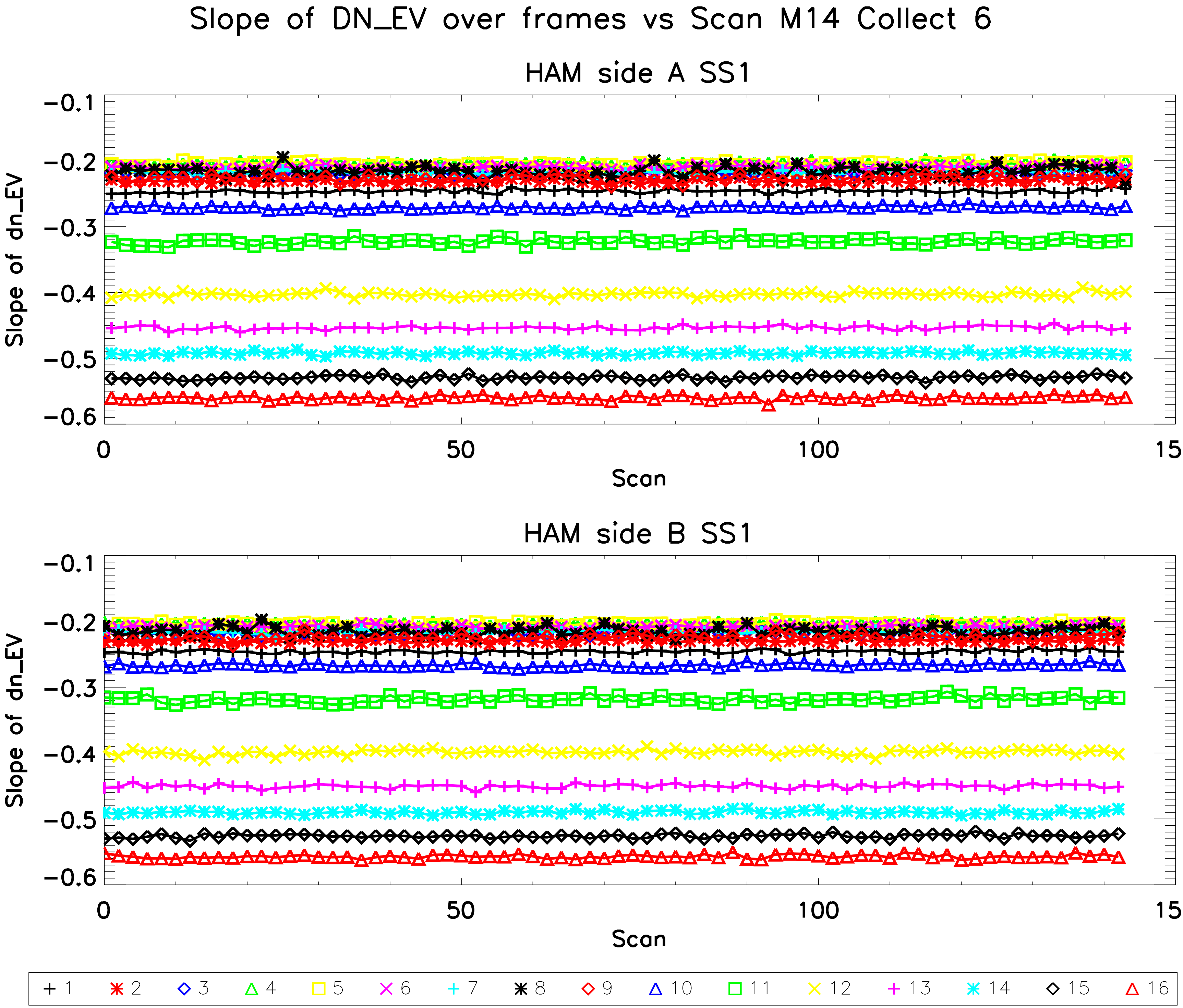
Slope of DN_EV over frames vs Scan I5 Collect 6



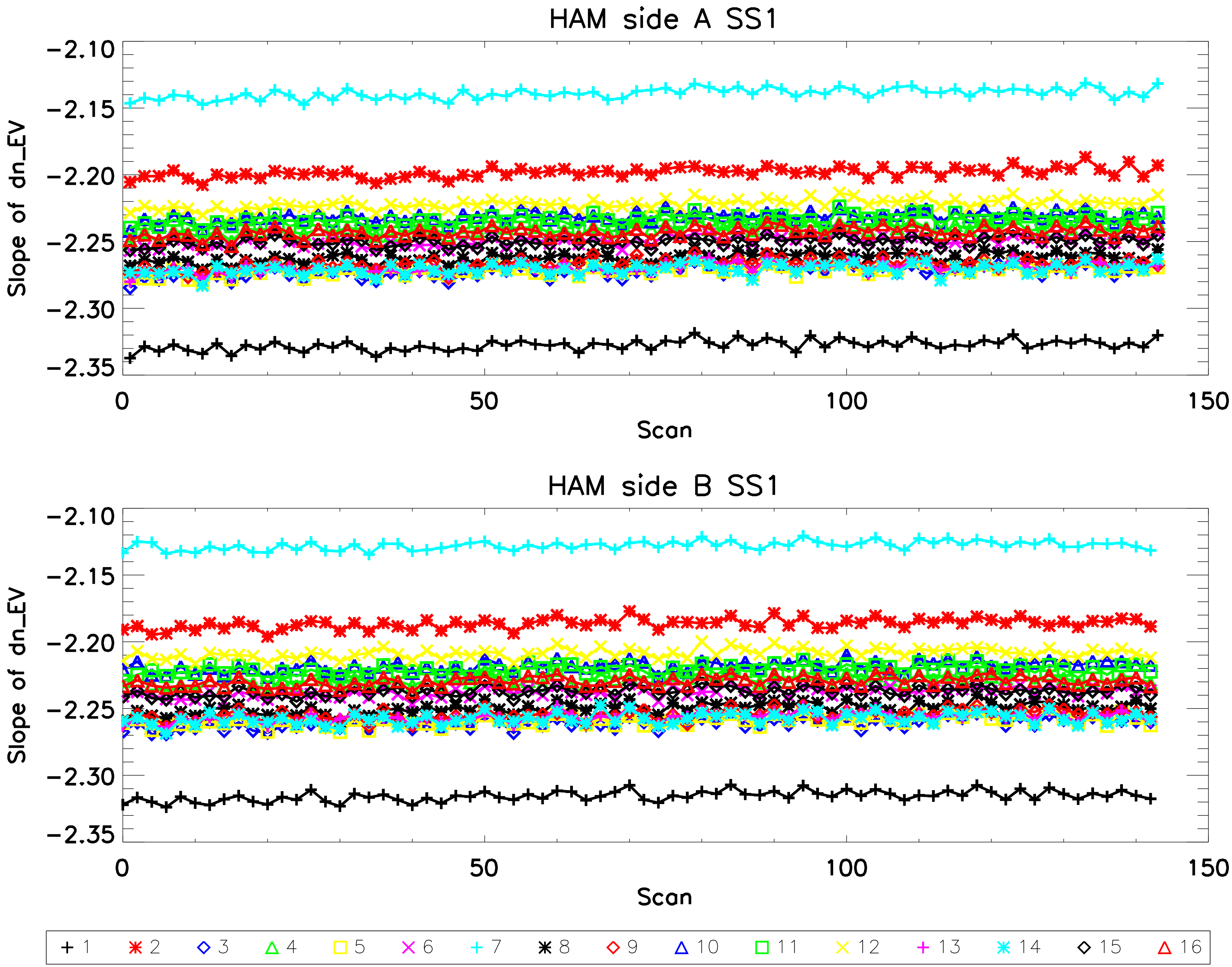

Slope of DN_EV over frames vs Scan M12 Collect 6
HAM side A SS1
Slope of dn_EV
−0.48
−0.49
−0.50
−0.51
−0.52
−0.53
−0.54
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.47
−0.48
−0.49
−0.50
−0.51
−0.52
−0.53
−0.54
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

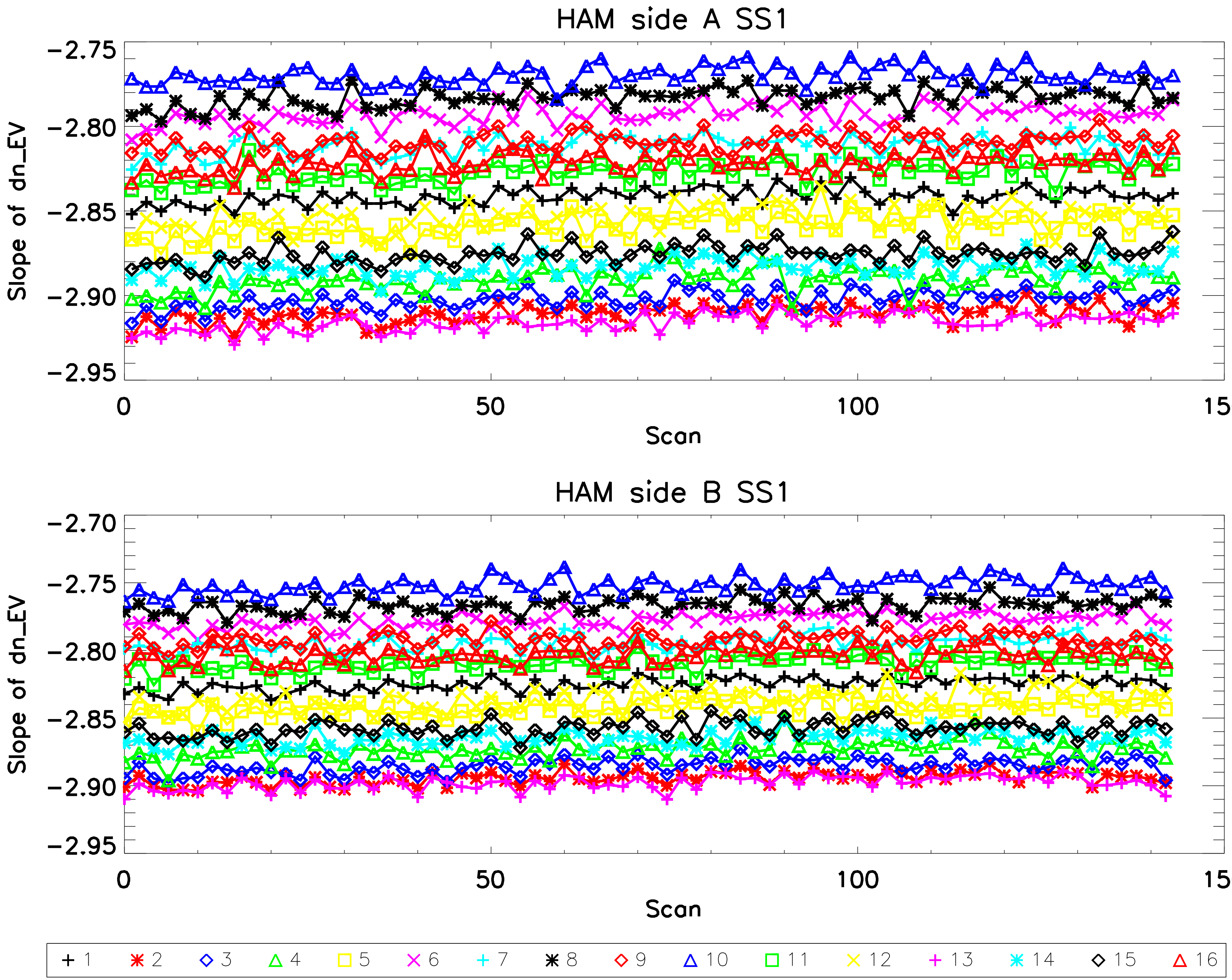
Slope of DN_EV over frames vs Scan M13 Collect 6



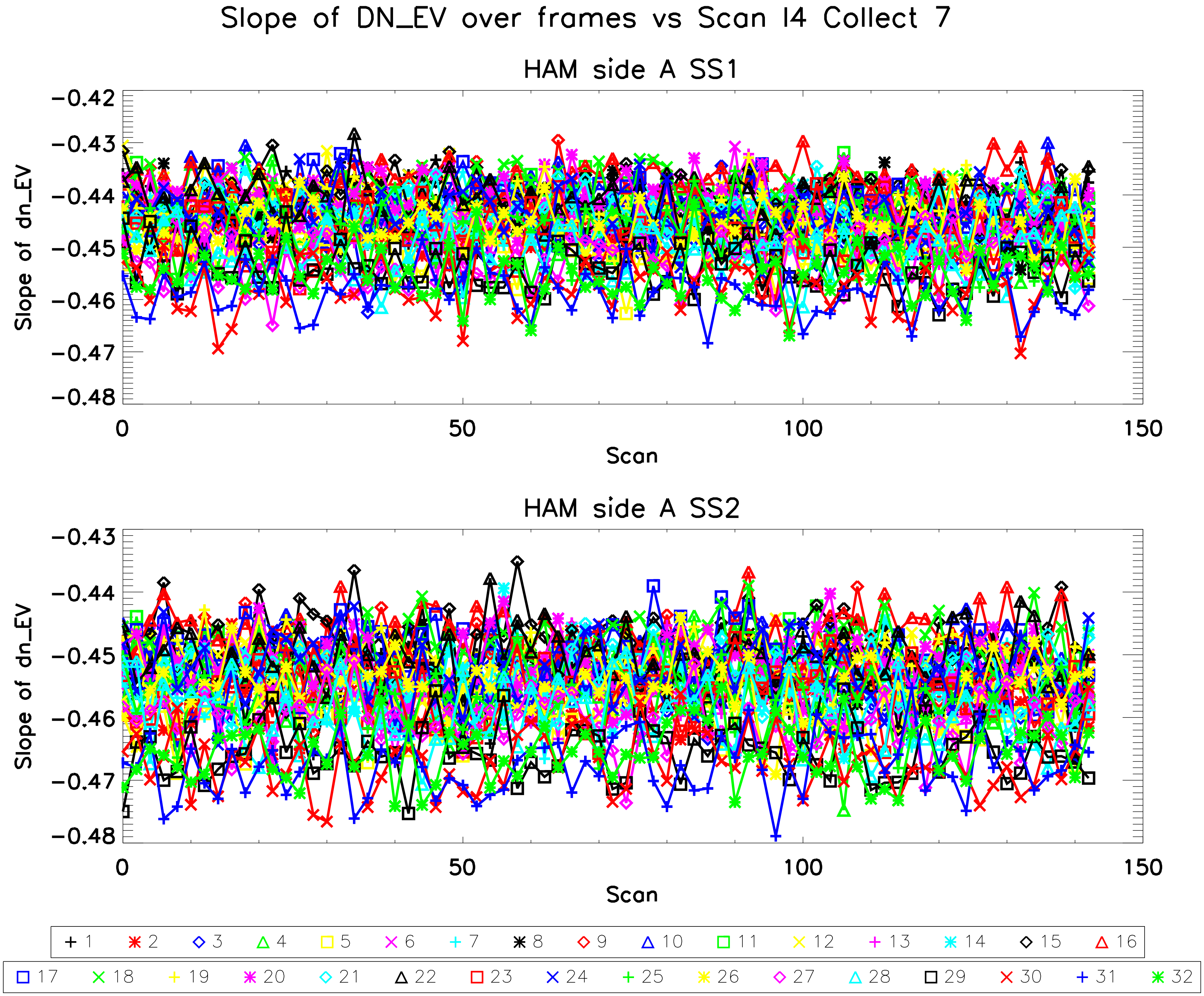

Slope of DN_EV over frames vs Scan M14 Collect 6
HAM side A SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

Slope of DN_EV over frames vs Scan M15 Collect 6





Slope of DN_EV over frames vs Scan M16 Collect 6


Slope of DN_EV over frames vs Scan I4 Collect 7
HAM side A SS1
Slope of dn_EV
−0.42
−0.43
−0.44
−0.45
−0.46
−0.47
−0.48
0
50
100
150
Scan
HAM side A SS2
Slope of dn_EV
−0.43
−0.44
−0.45
−0.46
−0.47
−0.48
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
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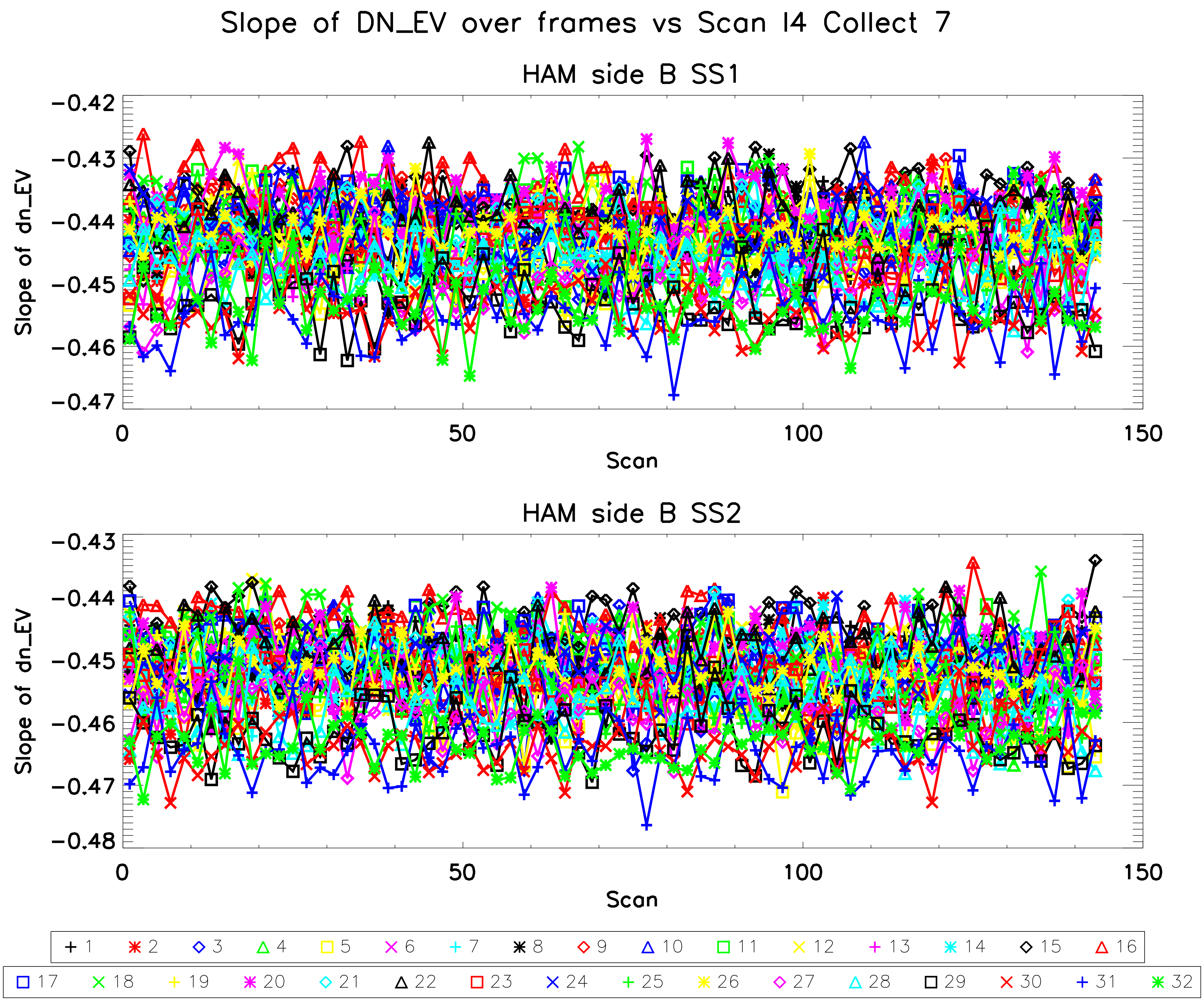
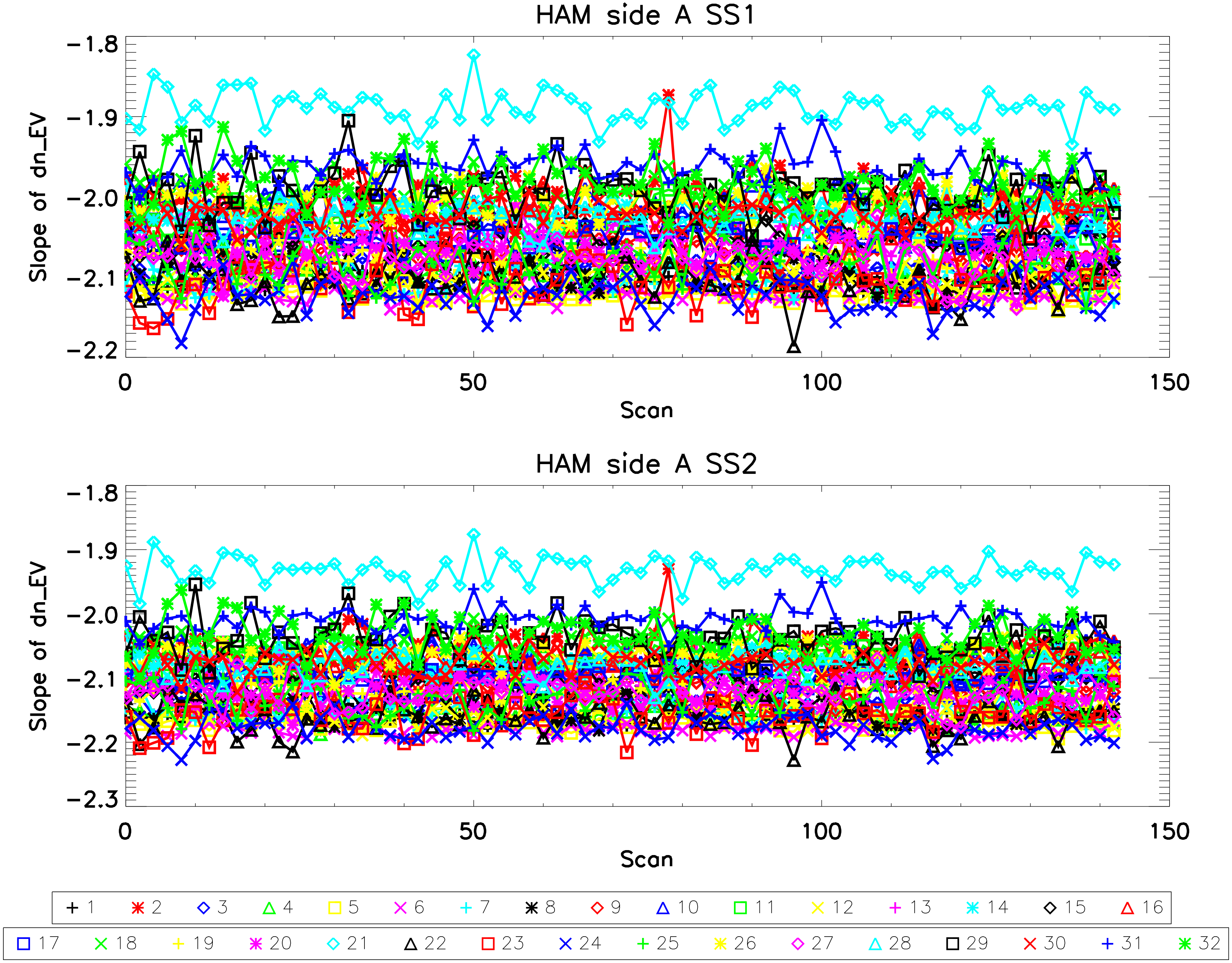
27
28
29
30
31
32


Slope of DN_EV over frames vs Scan I4 Collect 7
HAM side B SS1
Slope of dn_EV
−0.42
−0.43
−0.44
−0.45
−0.46
−0.47
0
50
100
150
Scan
HAM side B SS2
Slope of dn_EV
−0.43
−0.44
−0.45
−0.46
−0.47
−0.48
0
50
100
150
Scan
+ 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

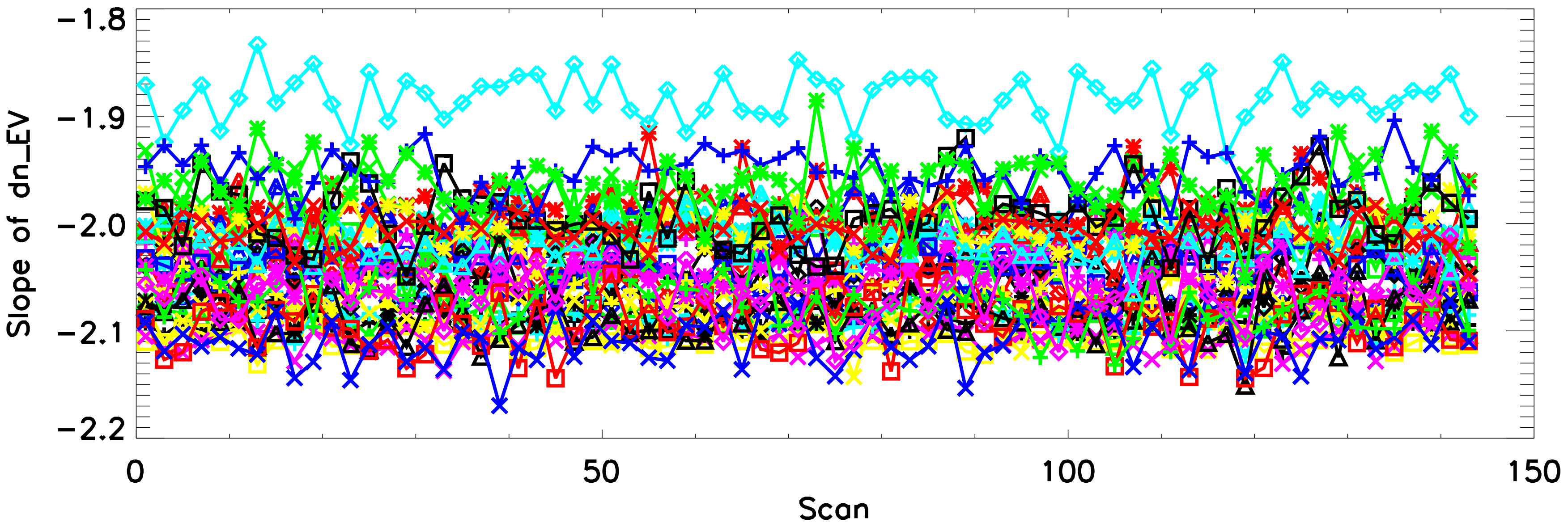
Slope of DN_EV over frames vs Scan I5 Collect 7

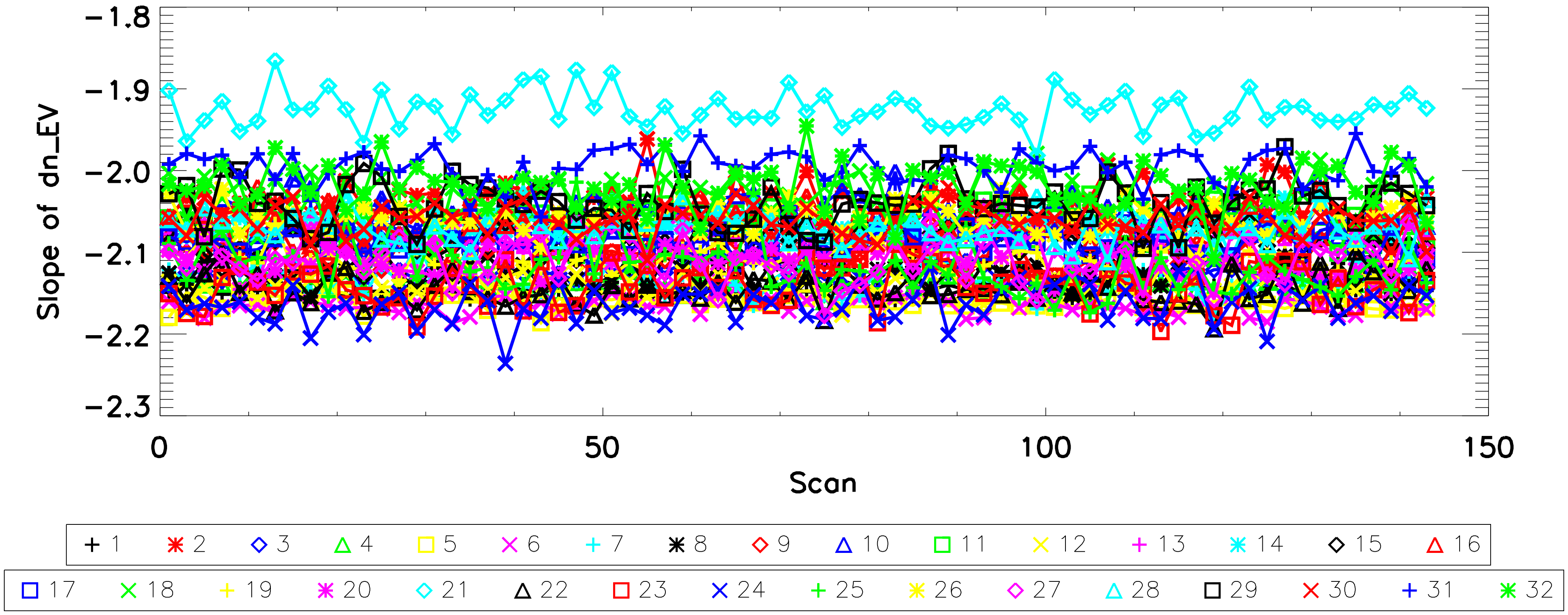


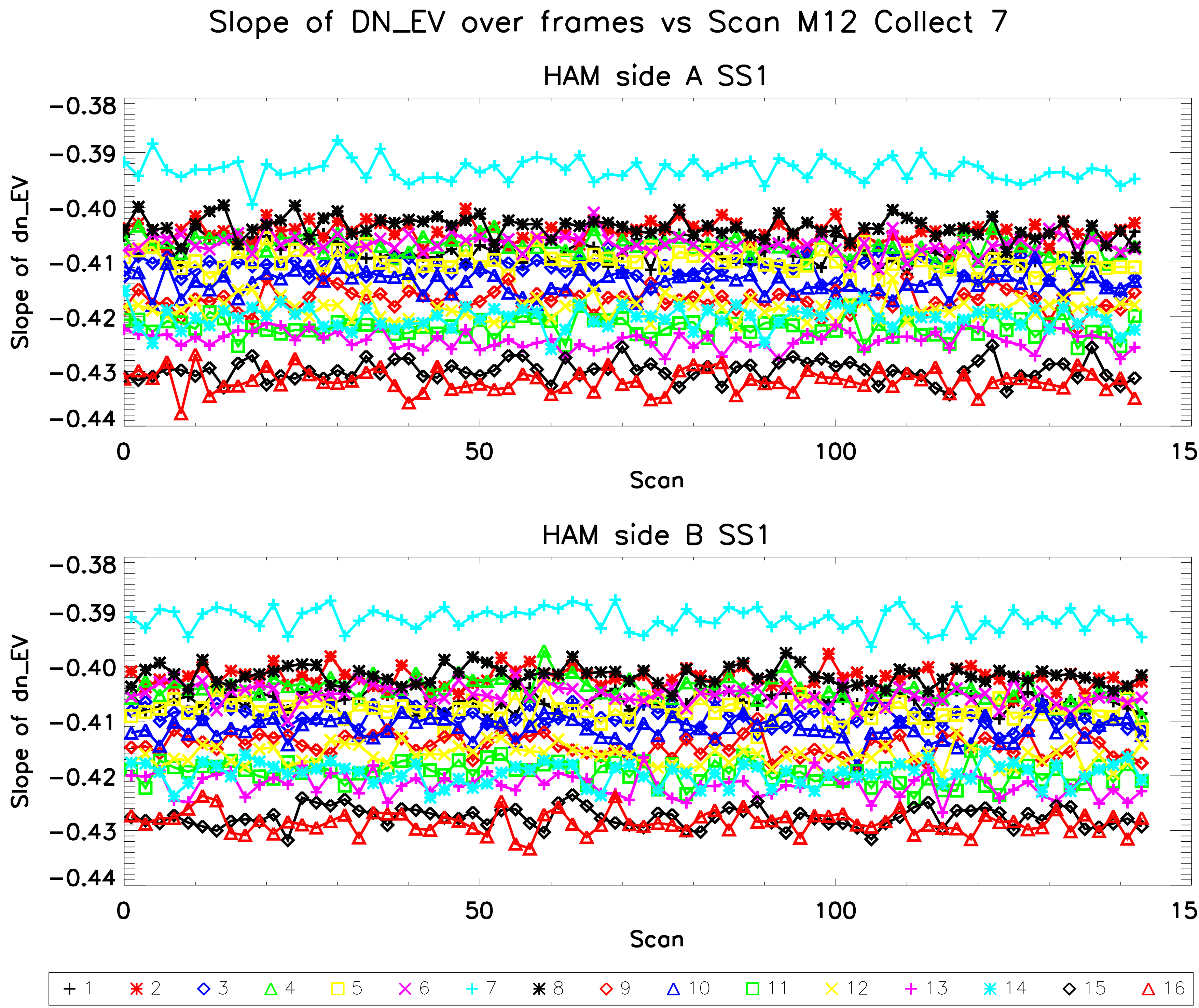
HAM side A SS1

HAM side A SS2

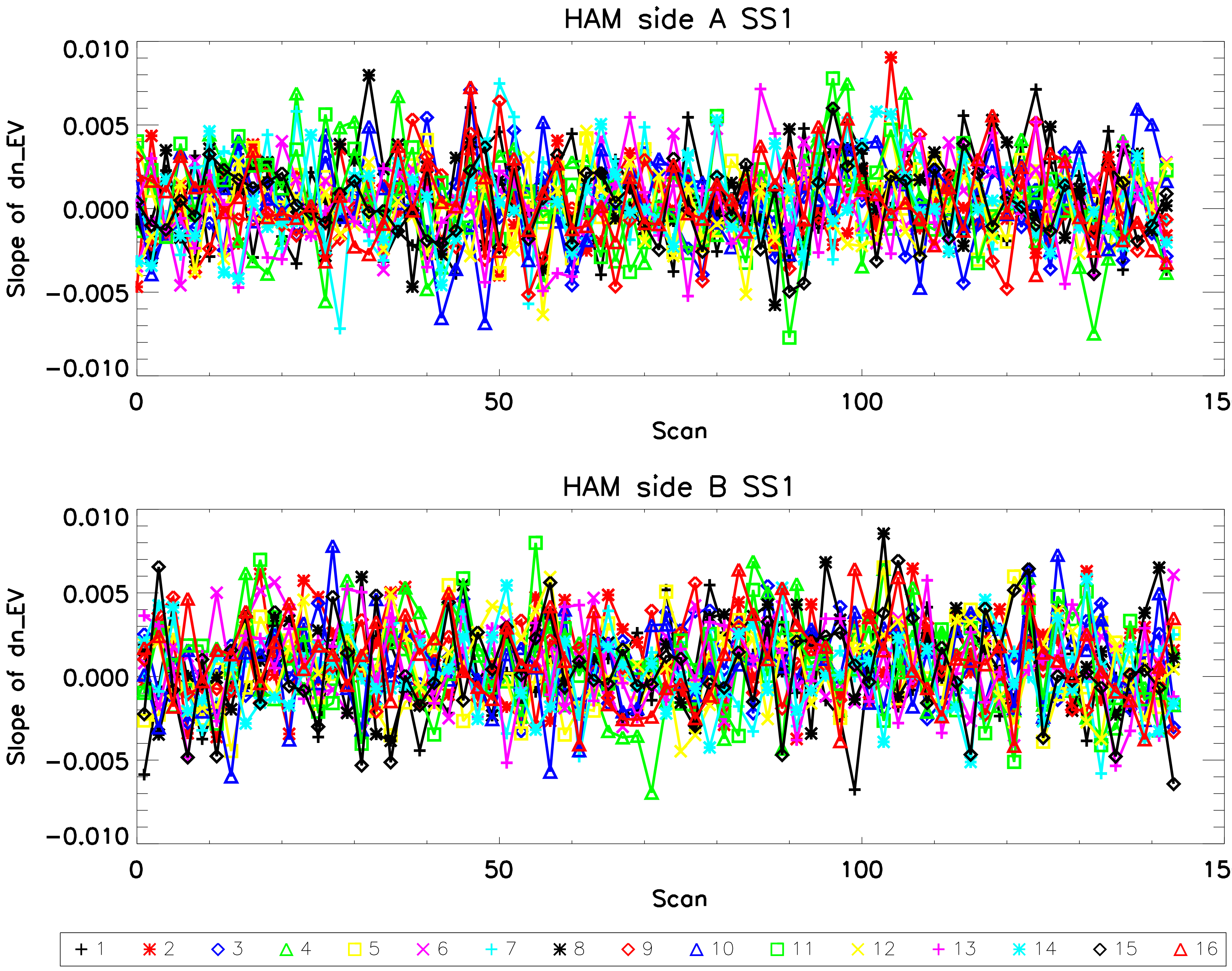
Slope of DN_EV over frames vs Scan 15 Collect 7

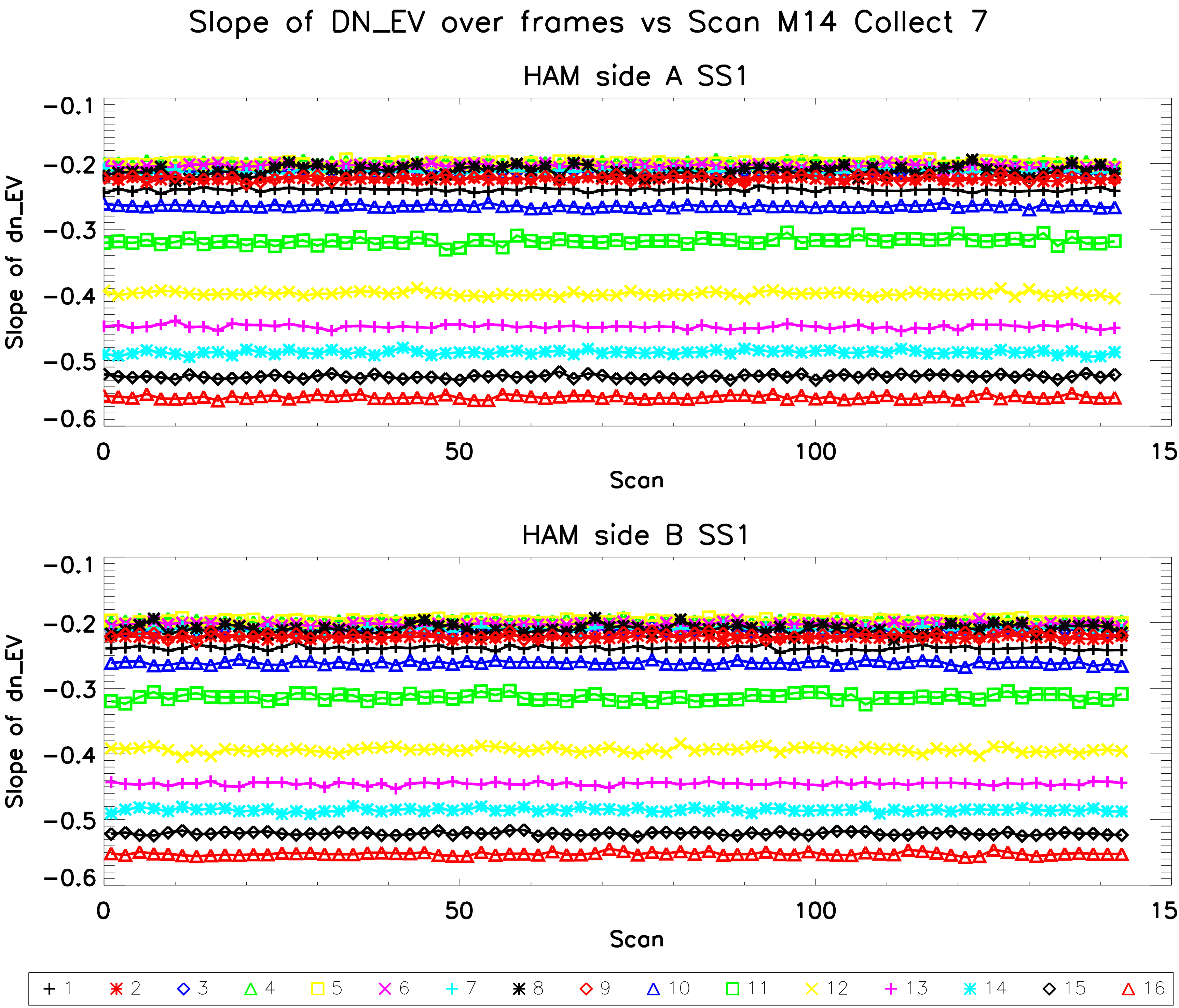

HAM side B SS1


HAM side B SS2

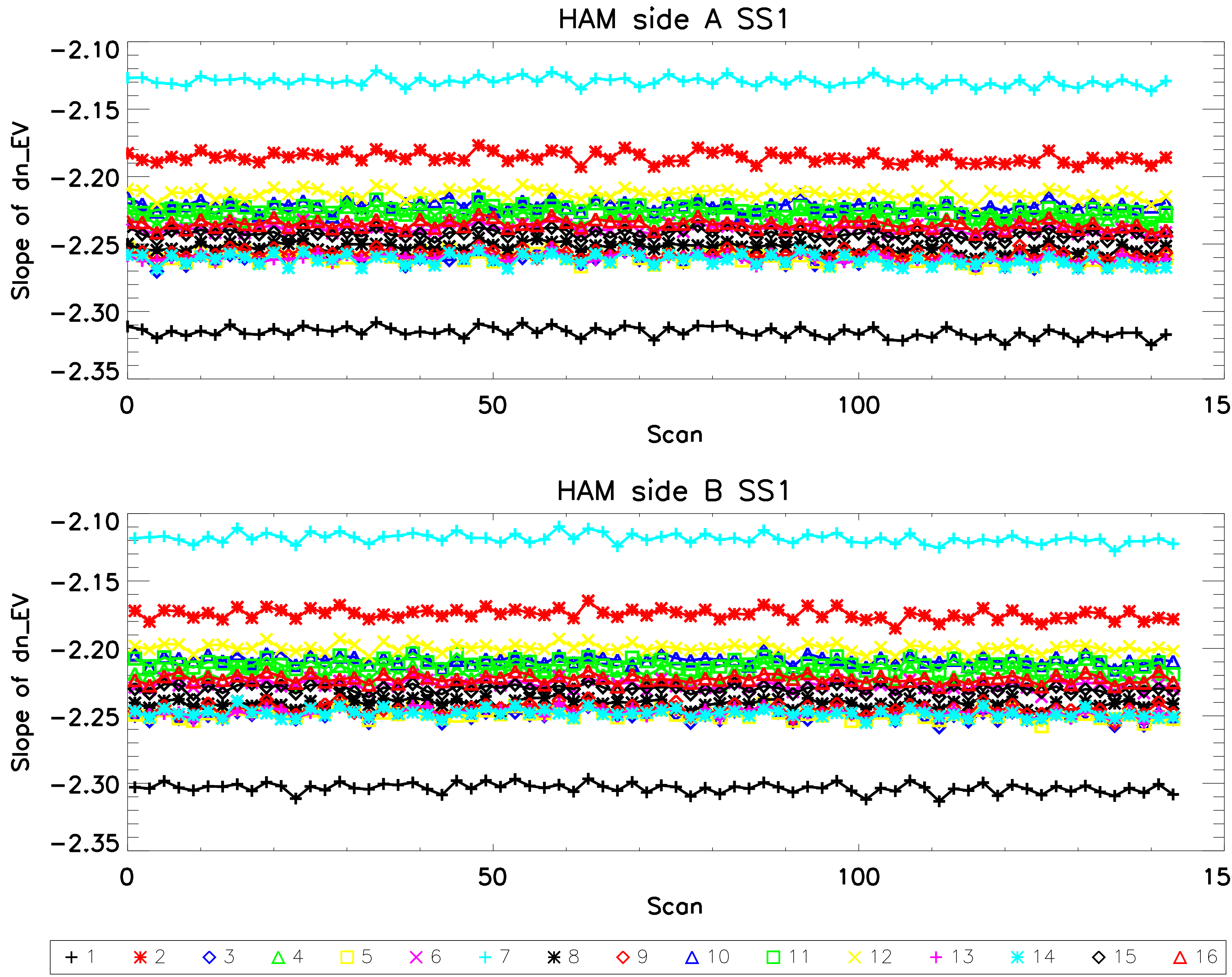

Slope of DN_EV over frames vs Scan M12 Collect 7
HAM side A SS1
Slope of dn_EV
−0.38
−0.39
−0.40
−0.41
−0.42
−0.43
−0.44
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.38
−0.39
−0.40
−0.41
−0.42
−0.43
−0.44
0
50
100
150
Scan
+ 1
✱ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✱ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✱ 14
◇ 15
△ 16

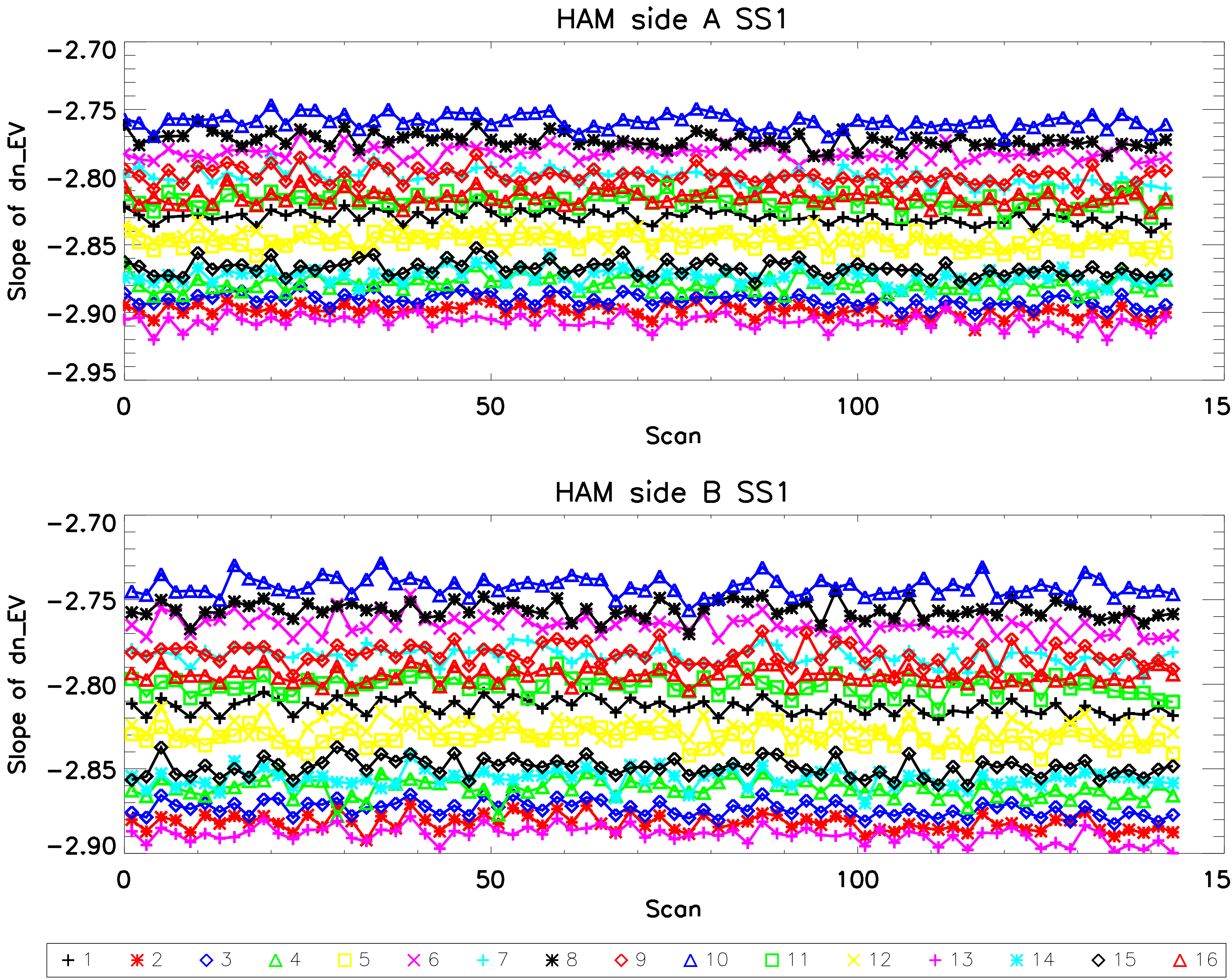
Slope of DN_EV over frames vs Scan M13 Collect 7




Slope of DN_EV over frames vs Scan M14 Collect 7
HAM side A SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

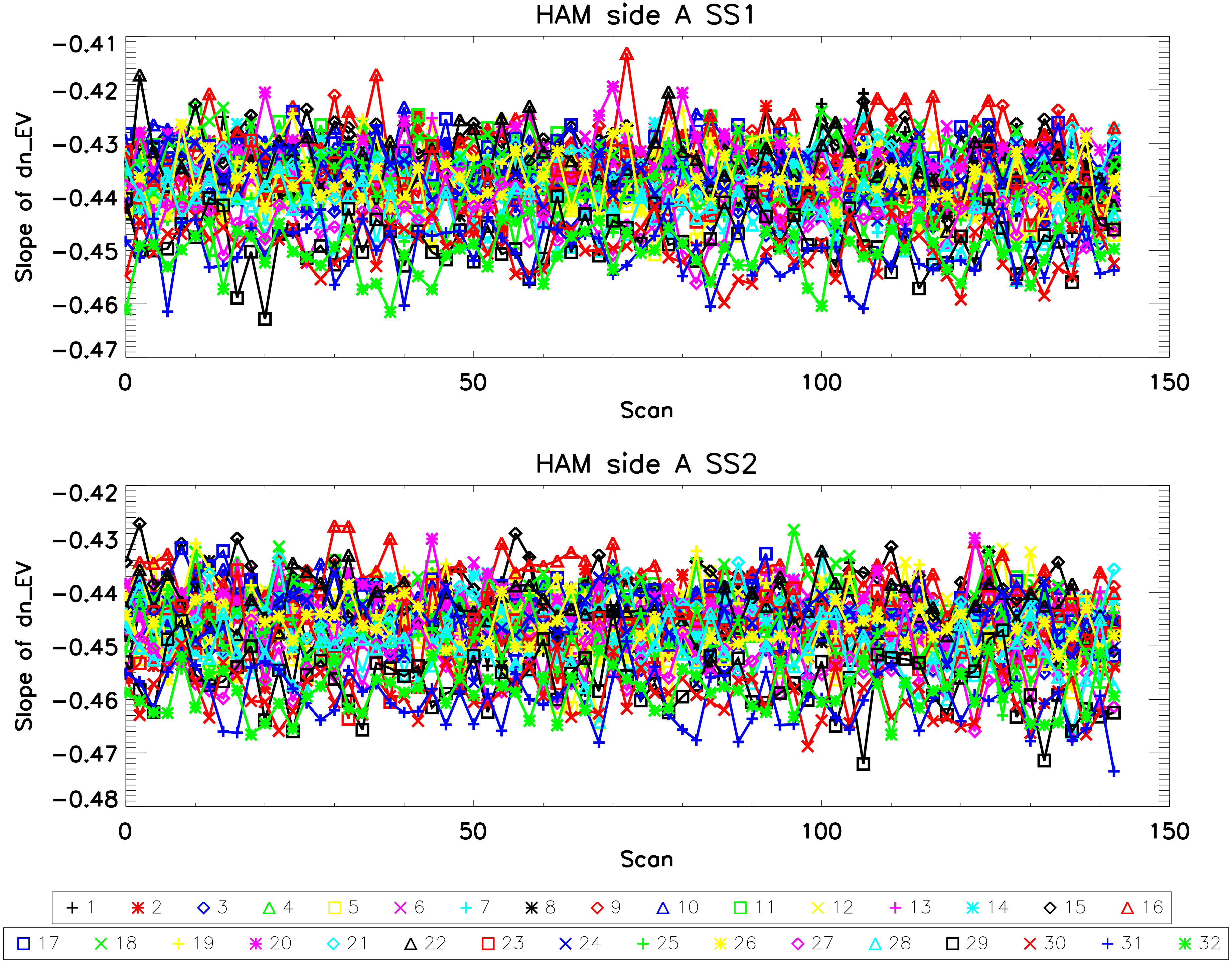
Slope of DN_EV over frames vs Scan M15 Collect 7

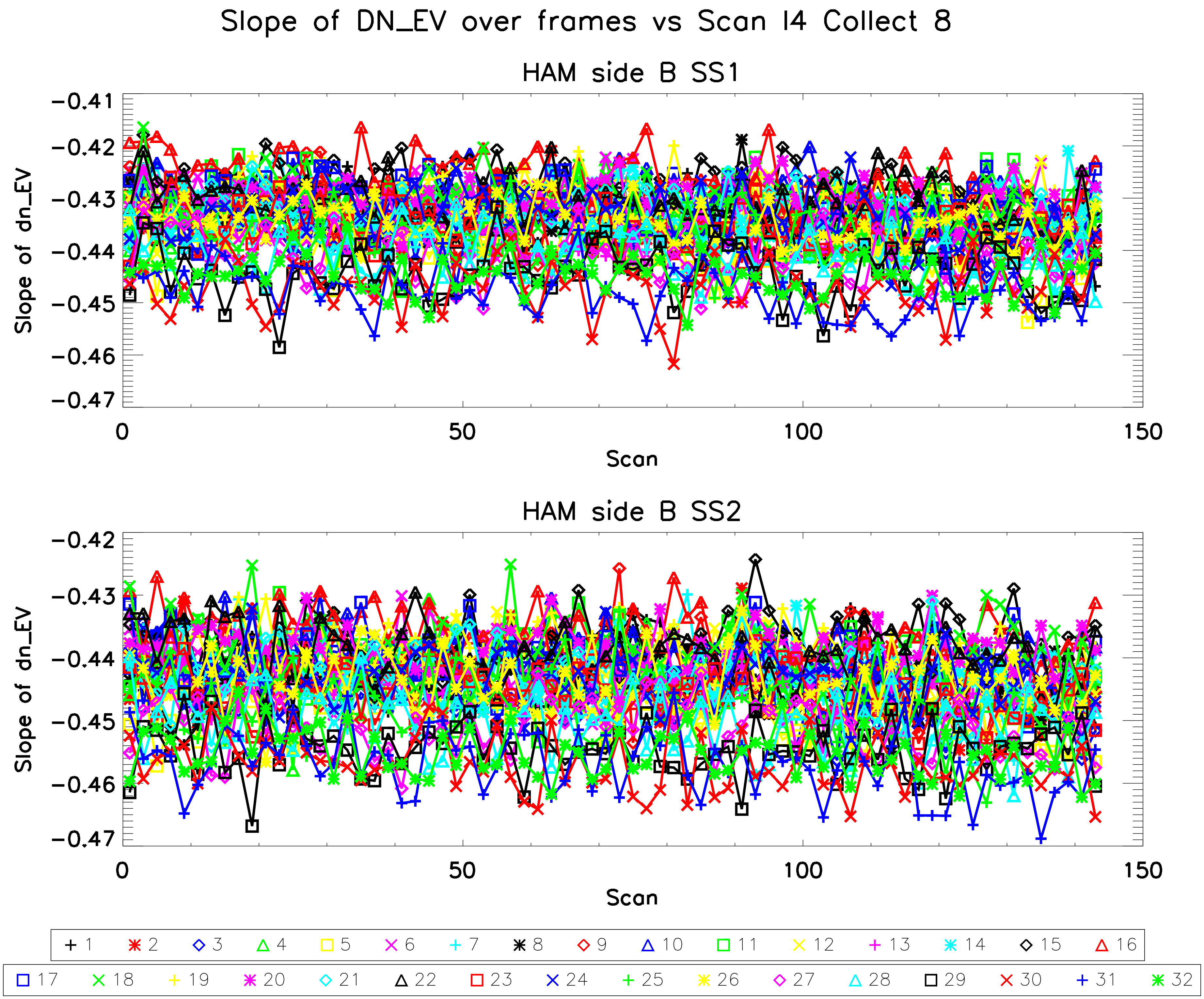




Slope of DN_EV over frames vs Scan M16 Collect 7

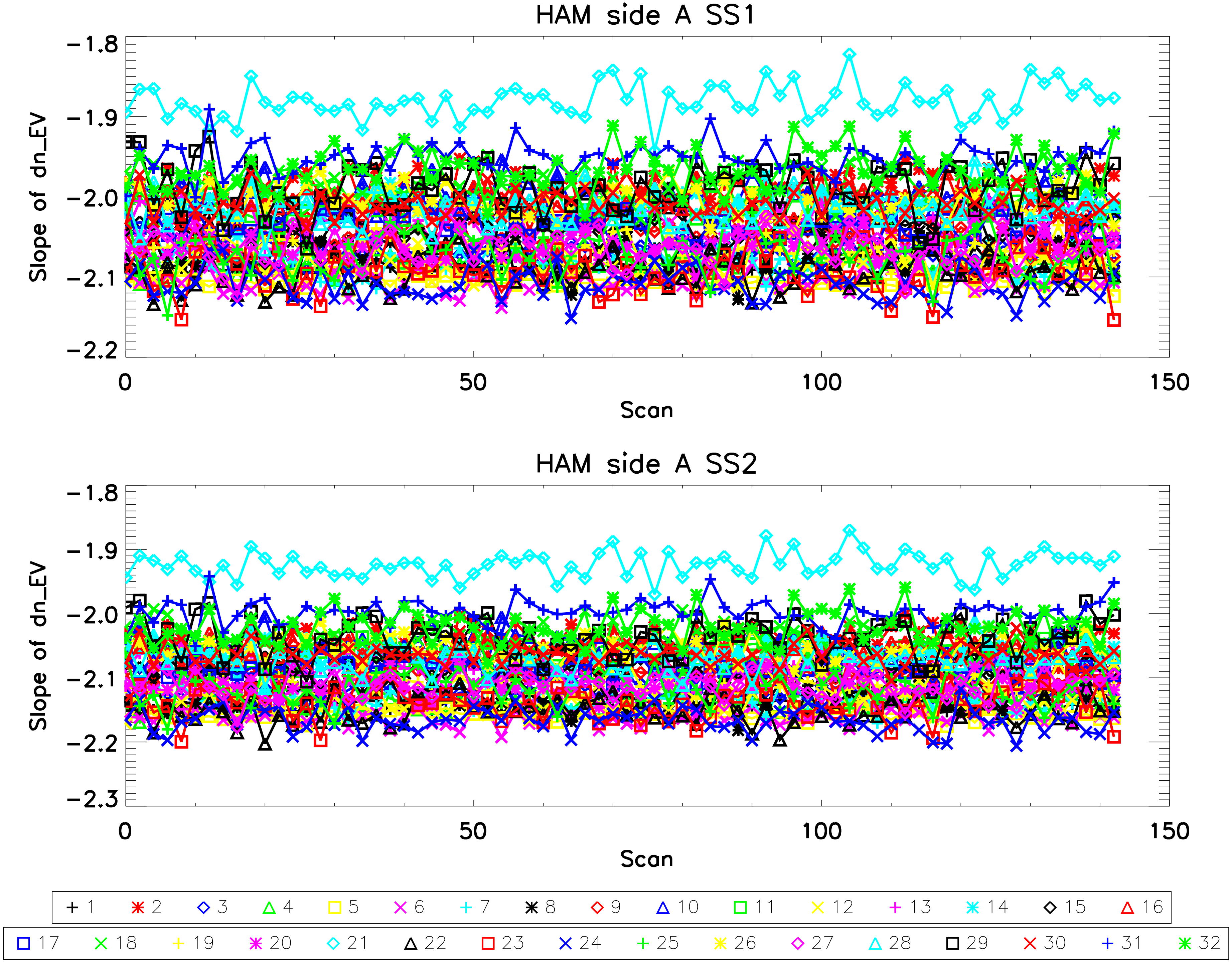
Slope of DN_EV over frames vs Scan 14 Collect 8



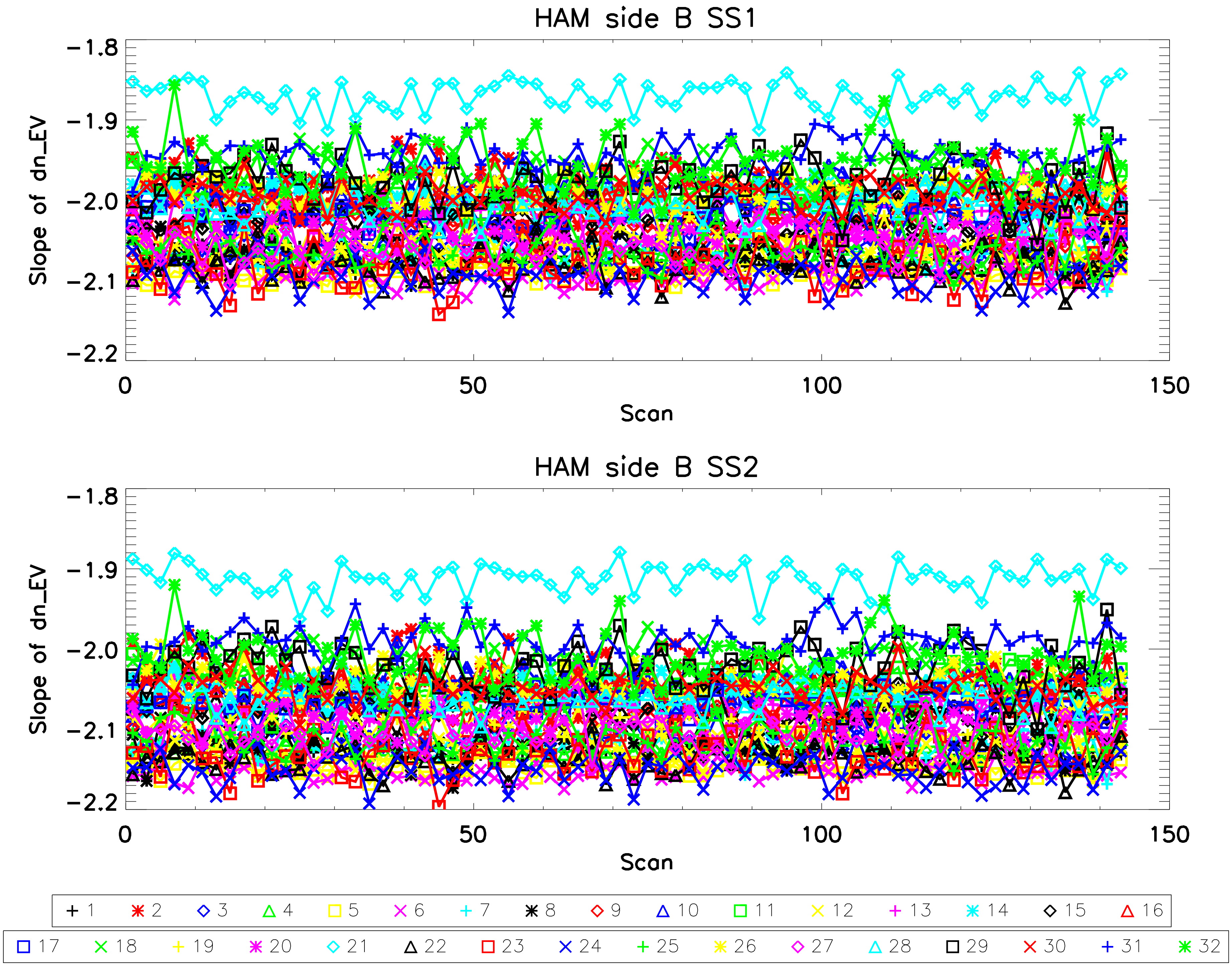


Slope of DN_EV over frames vs Scan I4 Collect 8
HAM side B SS1
Slope of dn_EV
−0.41
−0.42
−0.43
−0.44
−0.45
−0.46
−0.47
0
50
100
150
Scan
HAM side B SS2
Slope of dn_EV
−0.42
−0.43
−0.44
−0.45
−0.46
−0.47
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

Slope of DN_EV over frames vs Scan 15 Collect 8



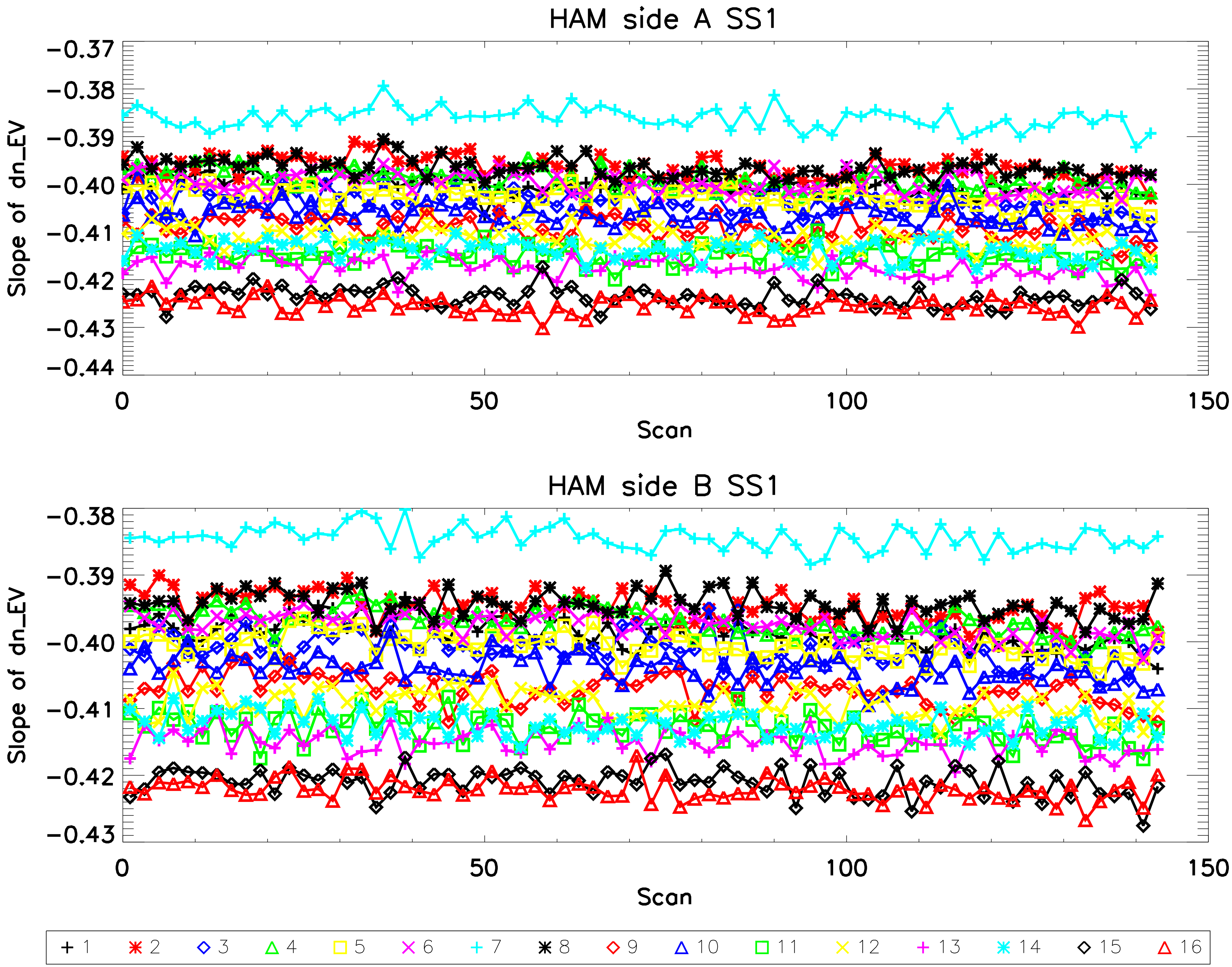
Slope of DN_EV over frames vs Scan I5 Collect 8

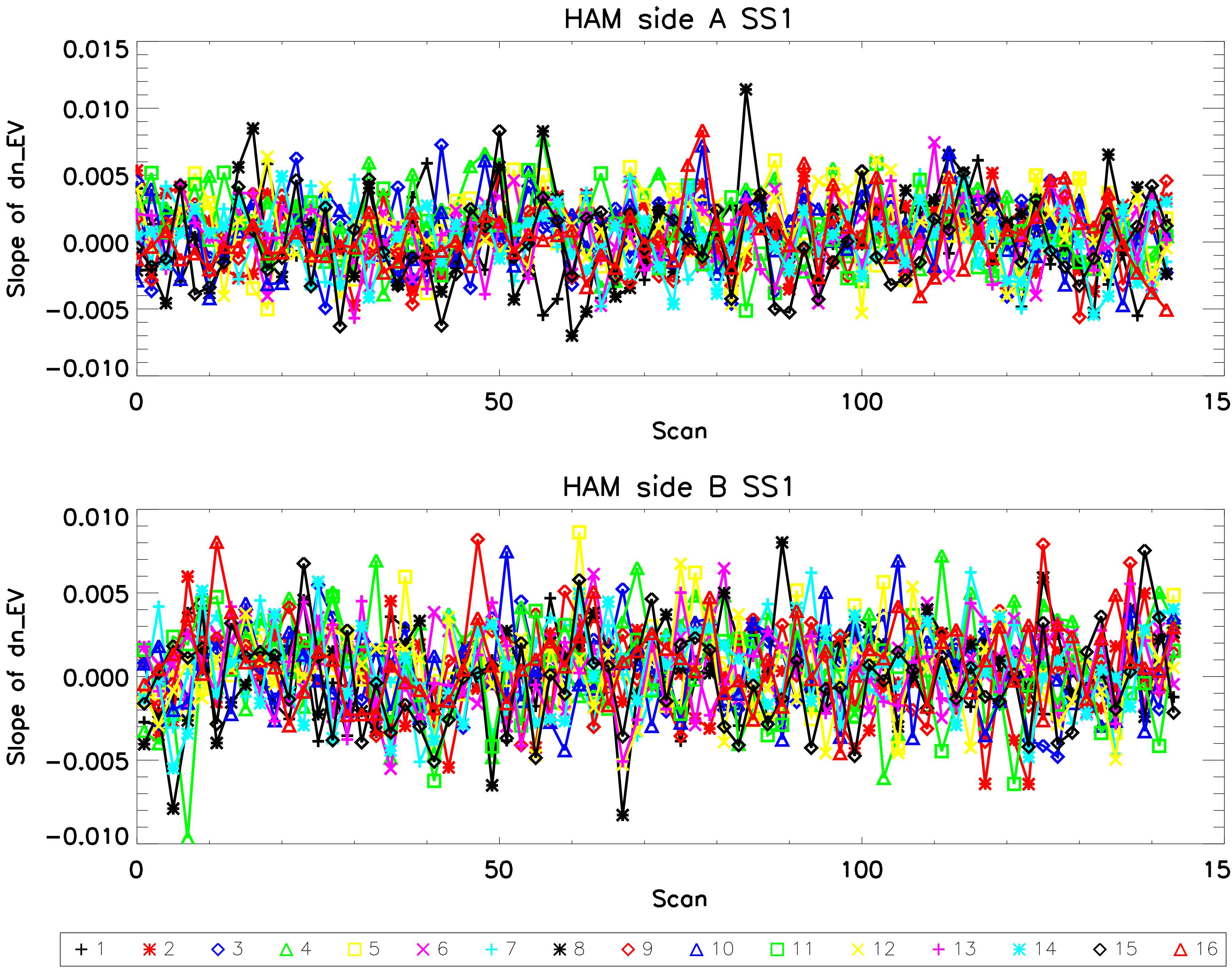


HAM side B SS1

HAM side B SS2

Slope of DN_EV over frames vs Scan M12 Collect 8

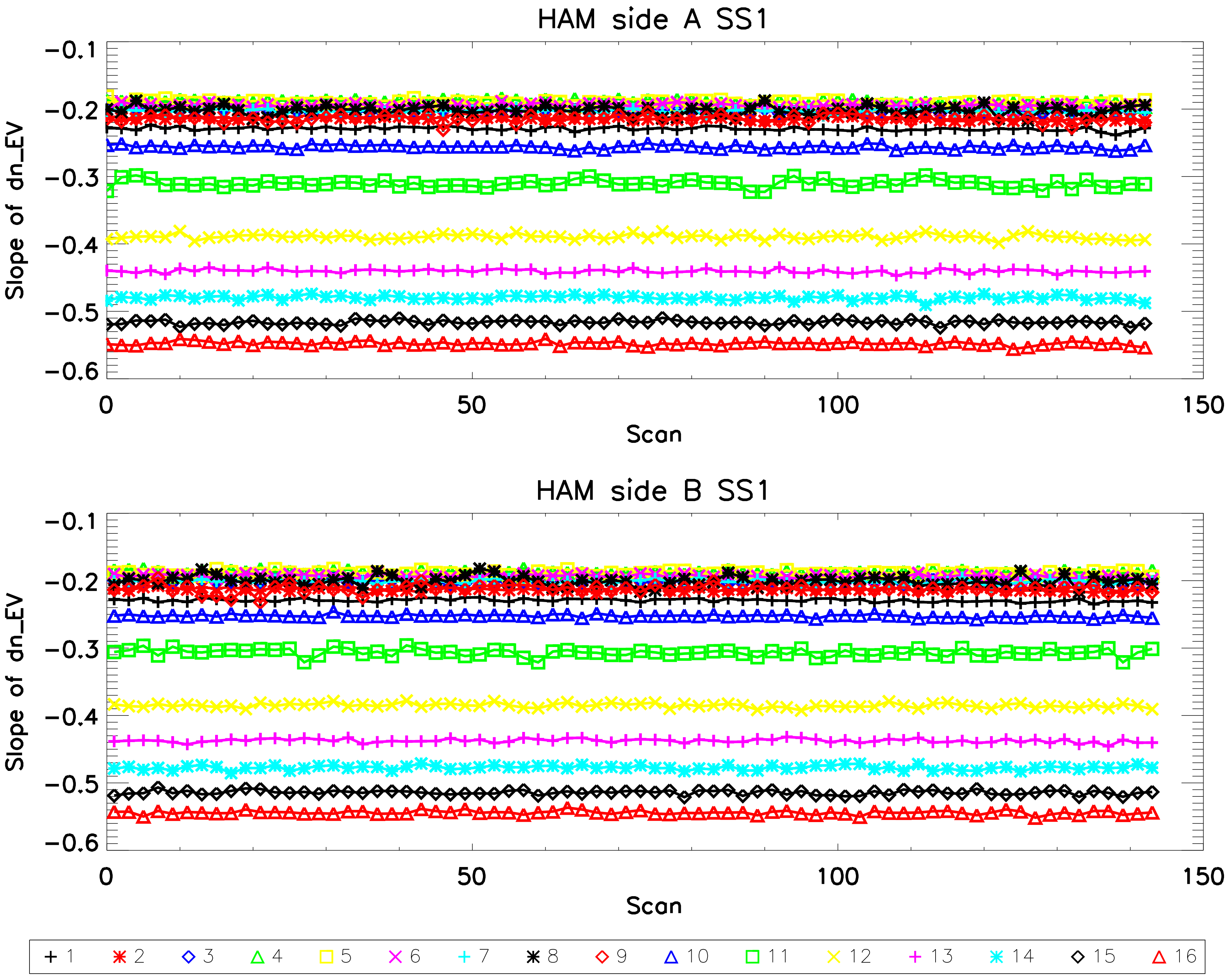




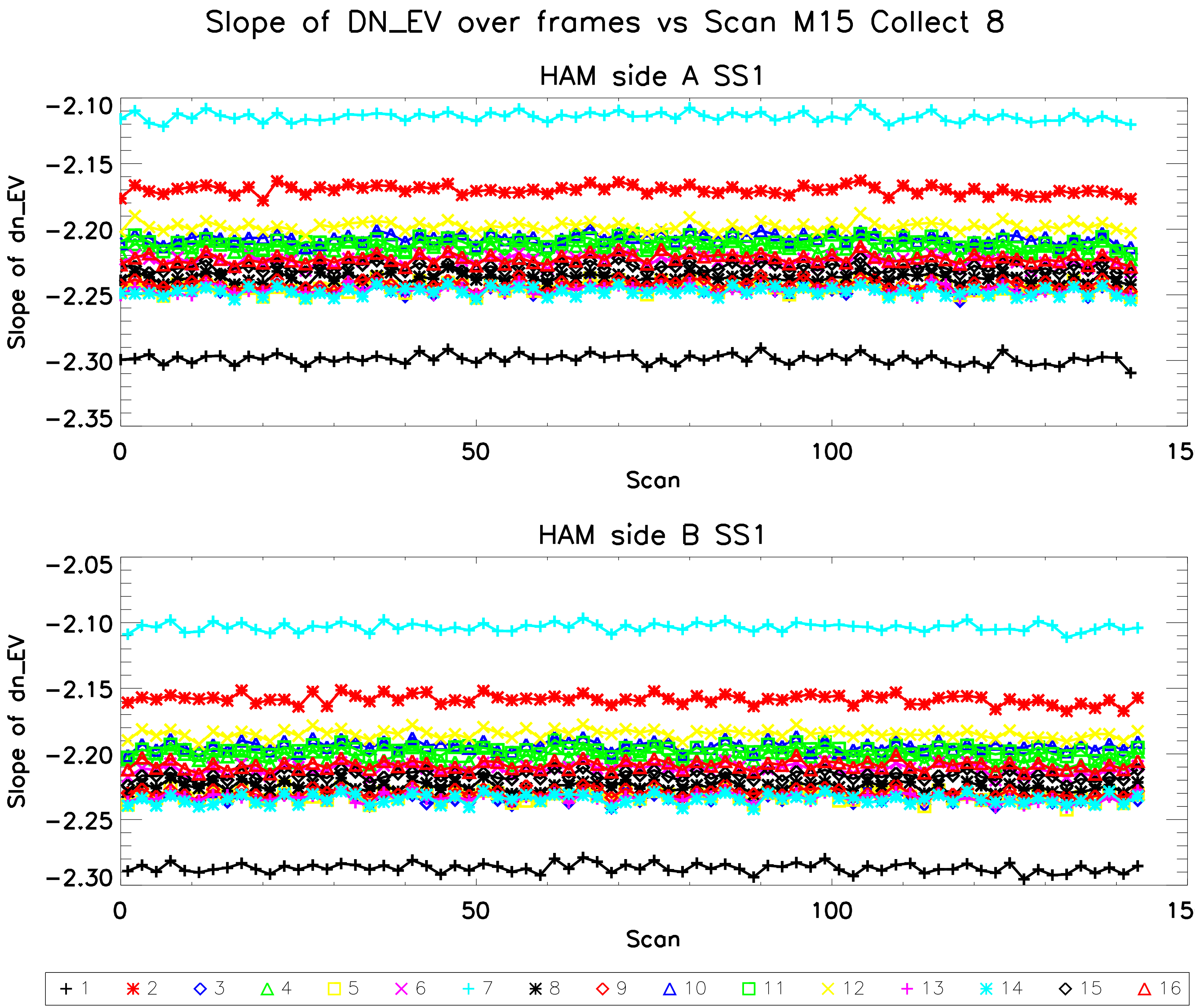
Slope of DN_EV over frames vs Scan M13 Collect 8

HAM side A SS1

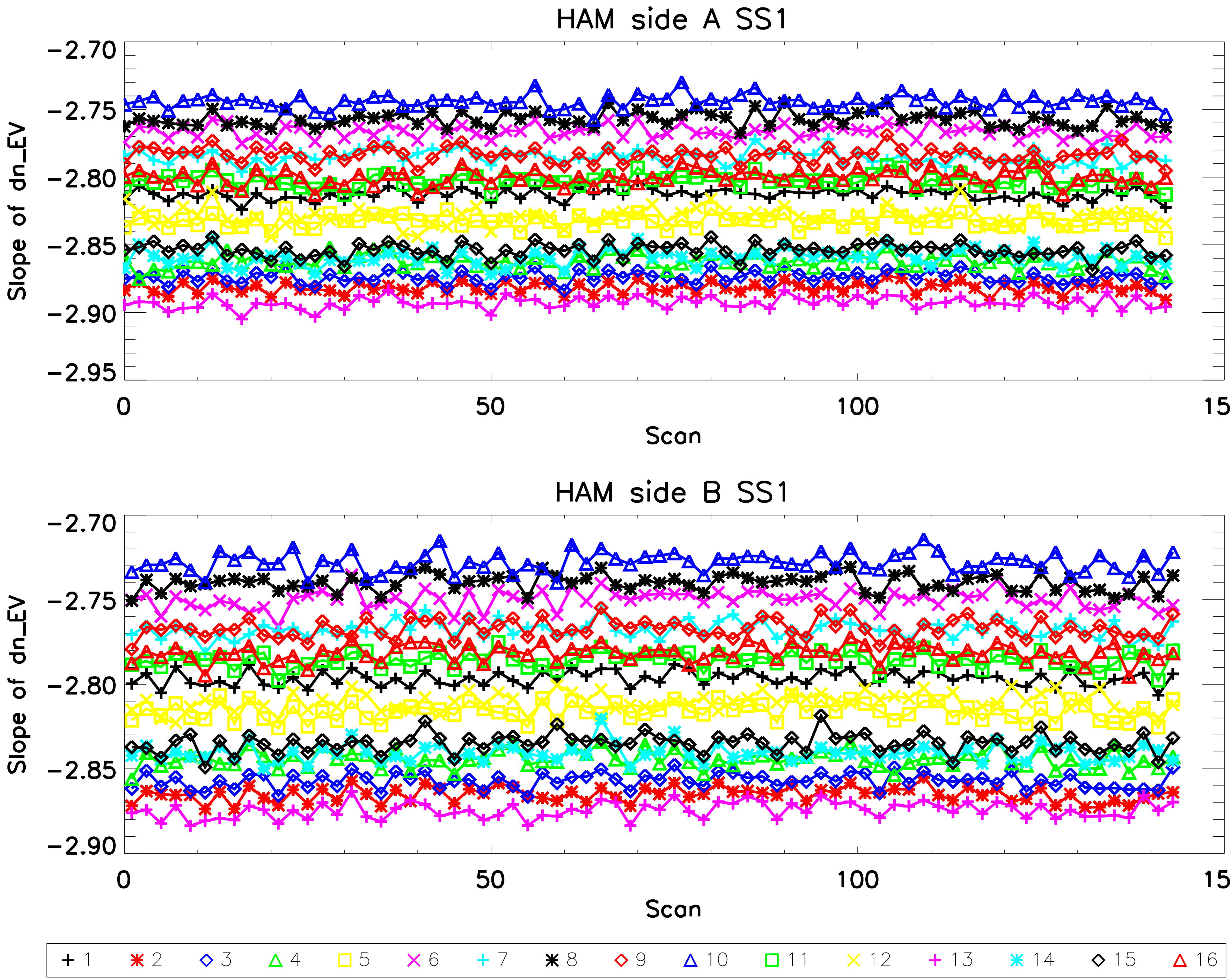
HAM side B SS1



Slope of DN_EV over frames vs Scan M14 Collect 8

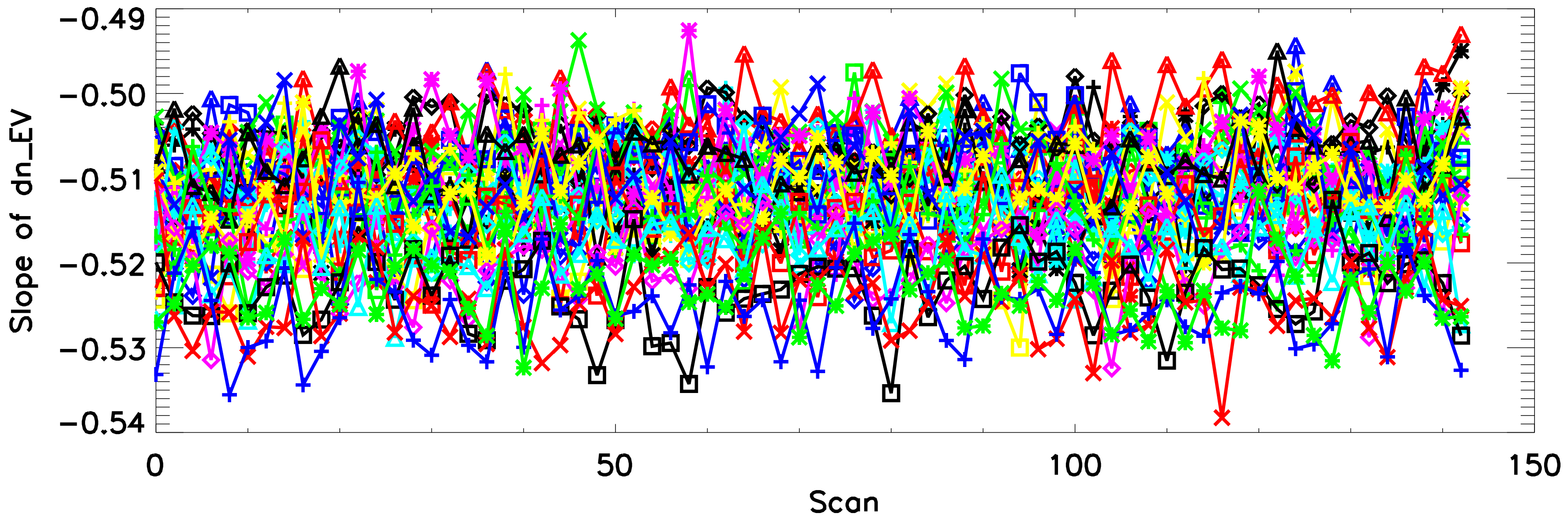

Slope of DN_EV over frames vs Scan M15 Collect 8
HAM side A SS1
Slope of dn_EV
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.05
−2.10
−2.15
−2.20
−2.25
−2.30
0
50
100
150
Scan
+ 1
✳ 2
◇ 3
△ 4
□ 5
× 6
+ 7
✳ 8
◇ 9
△ 10
□ 11
× 12
+ 13
✳ 14
◇ 15
△ 16

Slope of DN_EV over frames vs Scan M16 Collect 8

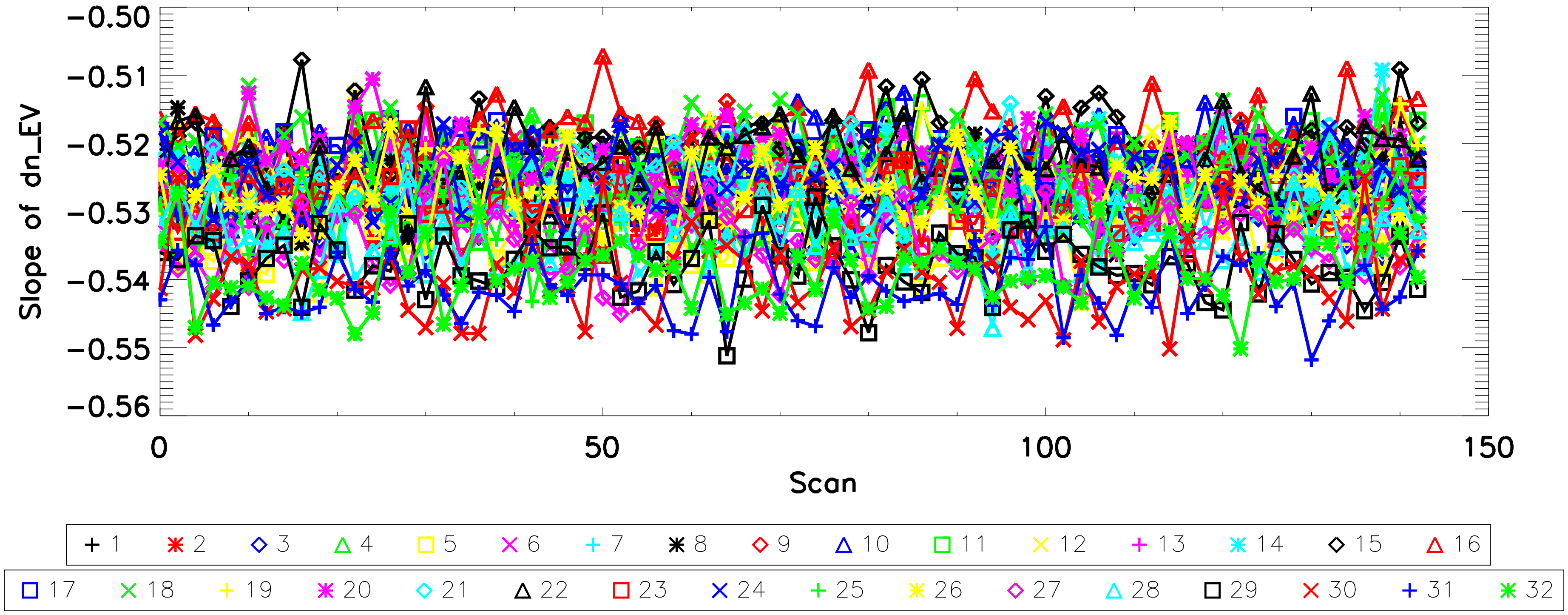


Slope of DN_EV over frames vs Scan I4 Collect 9

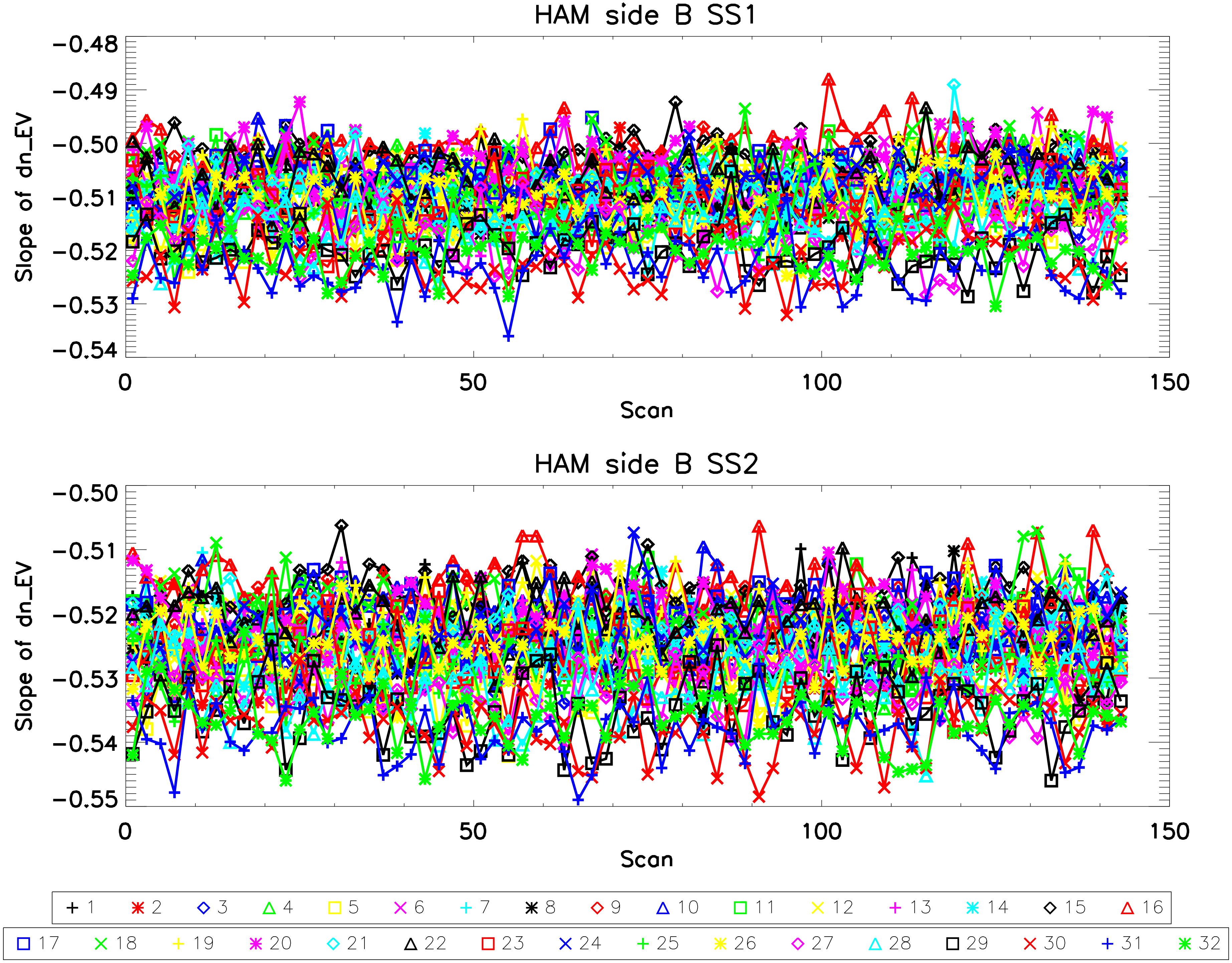
HAM side A SS1



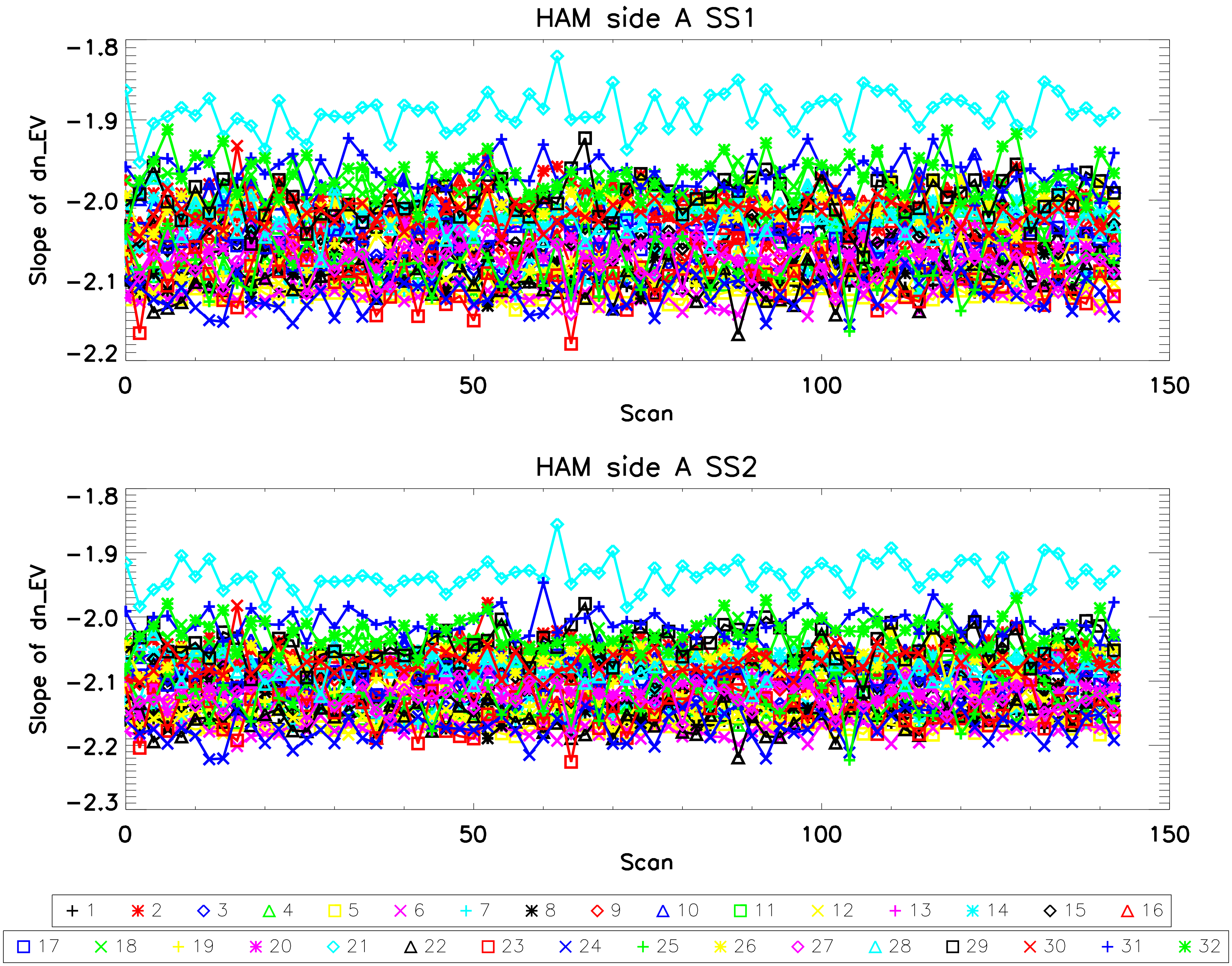
HAM side A SS2



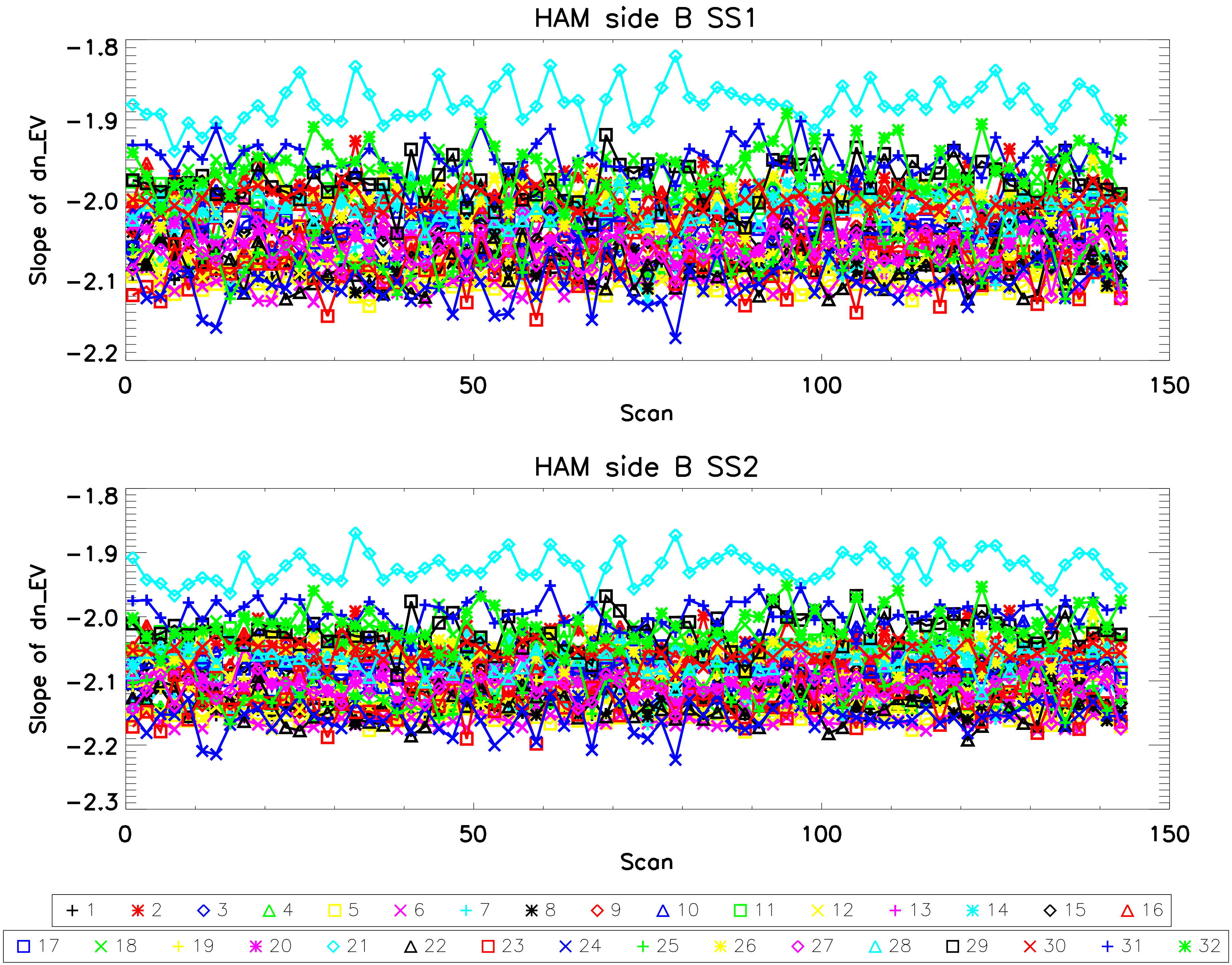
Slope of DN_EV over frames vs Scan I4 Collect 9



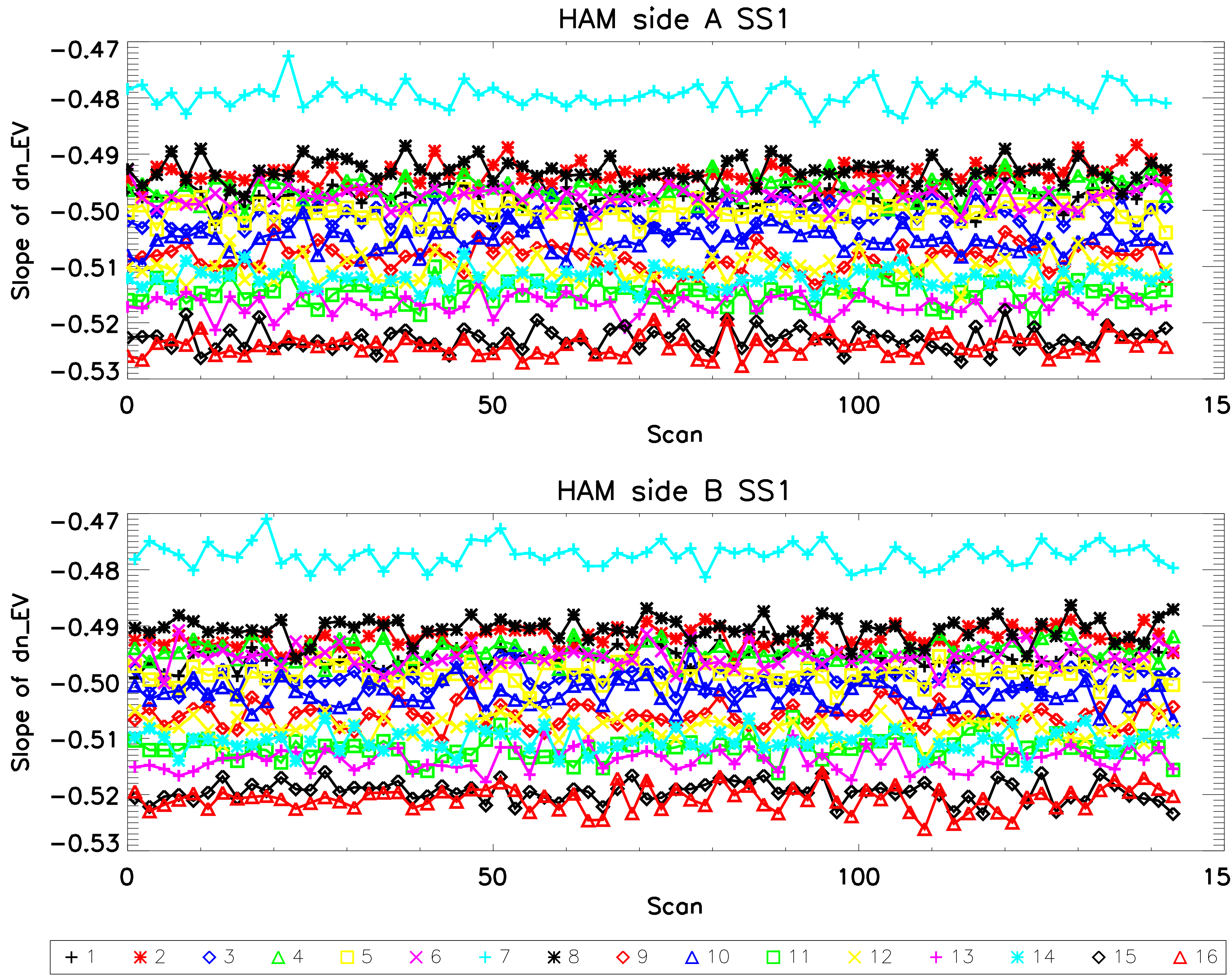
Slope of DN_EV over frames vs Scan I5 Collect 9

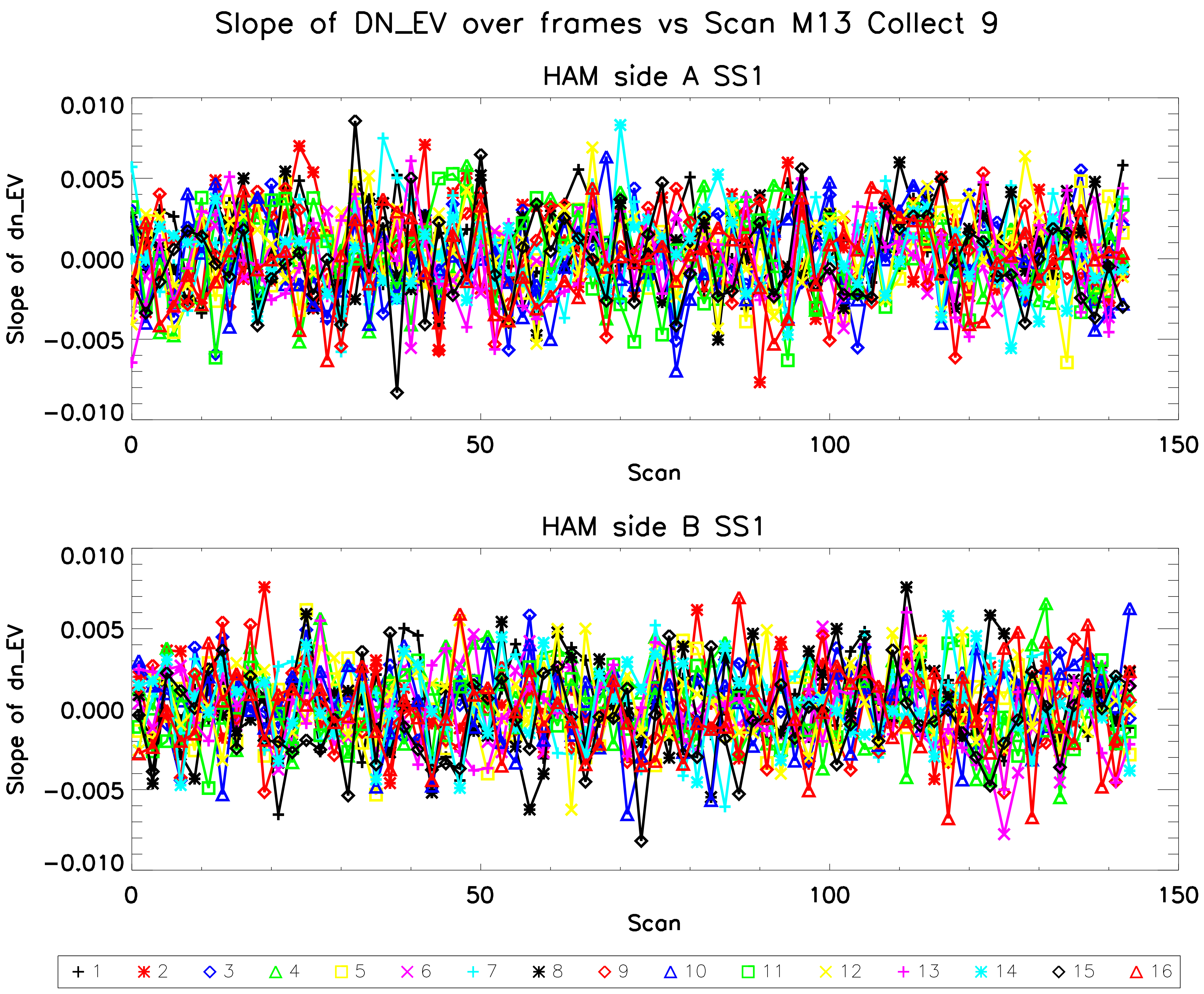


Slope of DN_EV over frames vs Scan I5 Collect 9

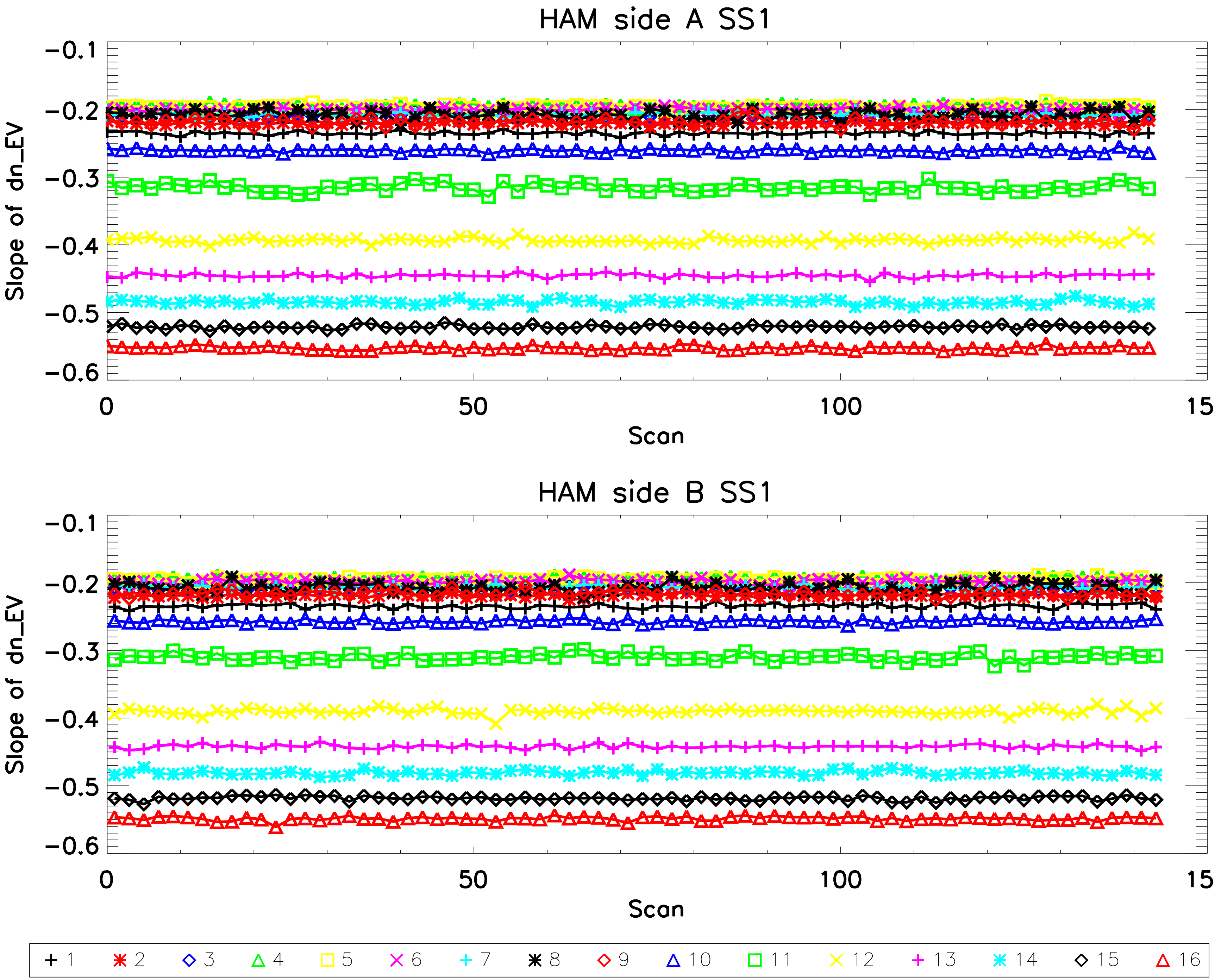


Slope of DN_EV over frames vs Scan M12 Collect 9

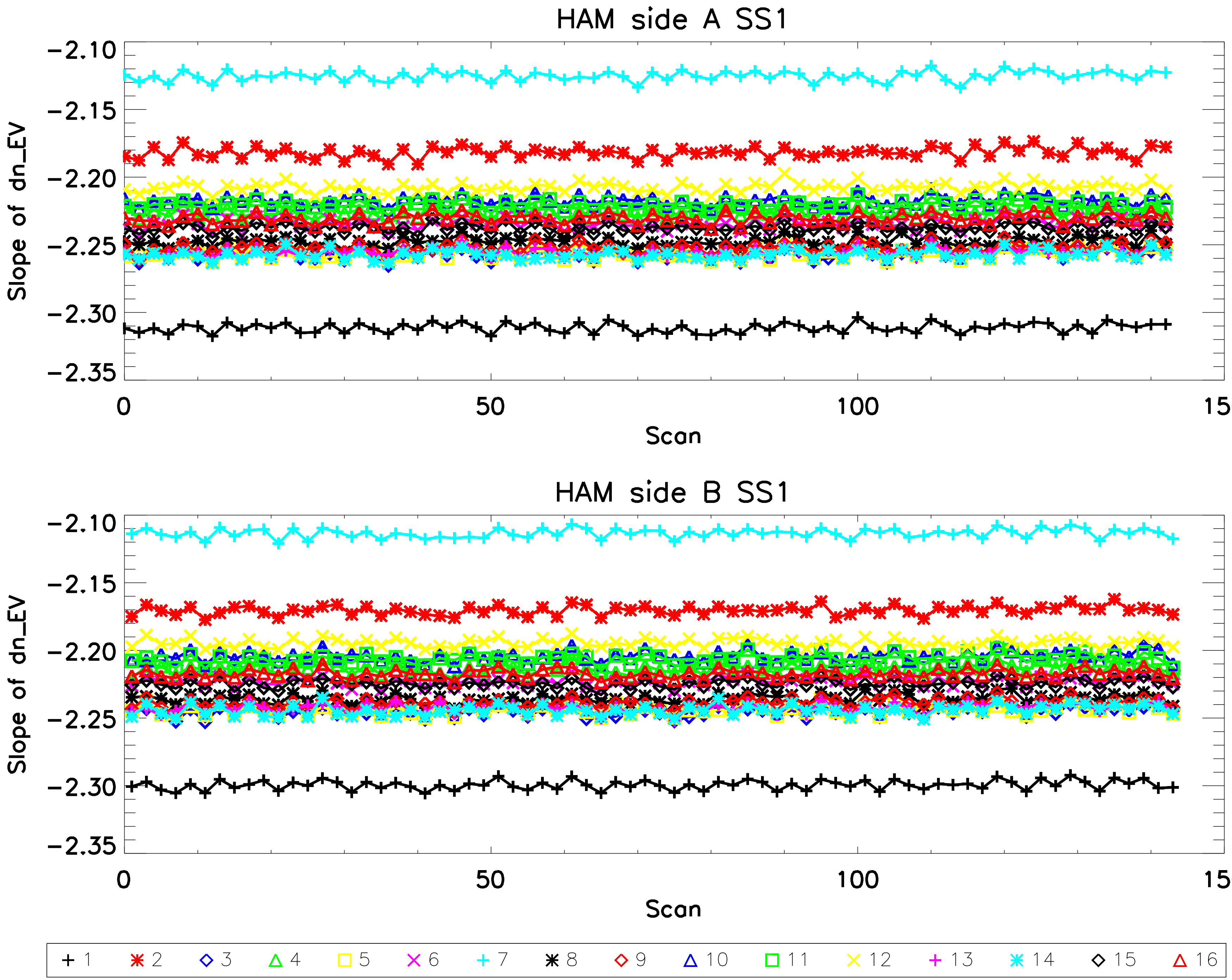


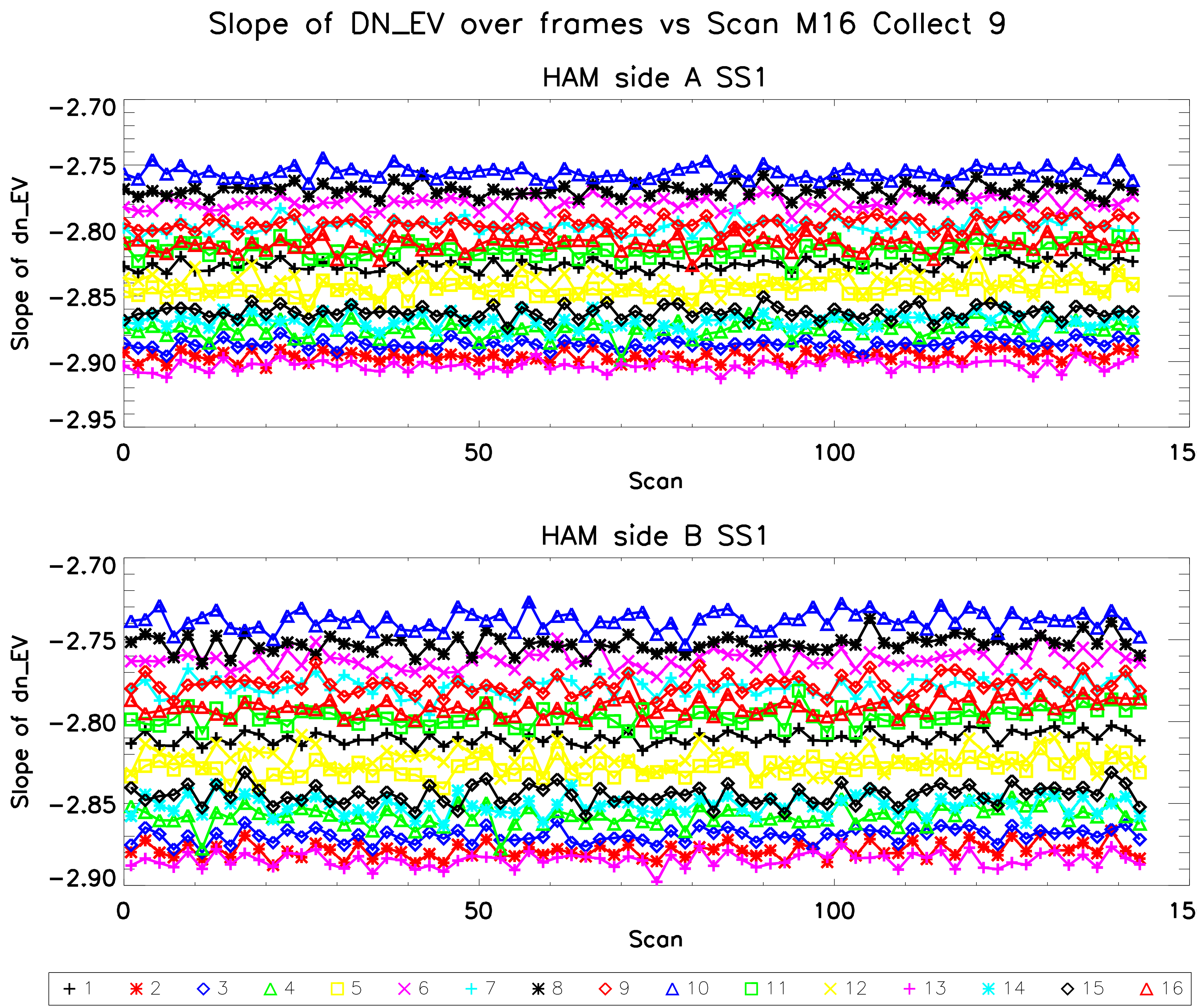

Slope of DN_EV over frames vs Scan M13 Collect 9
HAM side A SS1
Slope of dn_EV
0.010
0.005
0.000
−0.005
−0.010
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
0.010
0.005
0.000
−0.005
−0.010
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Slope of DN_EV over frames vs Scan M14 Collect 9



Slope of DN_EV over frames vs Scan M15 Collect 9




Slope of DN_EV over frames vs Scan M16 Collect 9
HAM side A SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
0
50
100
150
Scan
HAM side B SS1
Slope of dn_EV
−2.70
−2.75
−2.80
−2.85
−2.90
0
50
100
150
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16