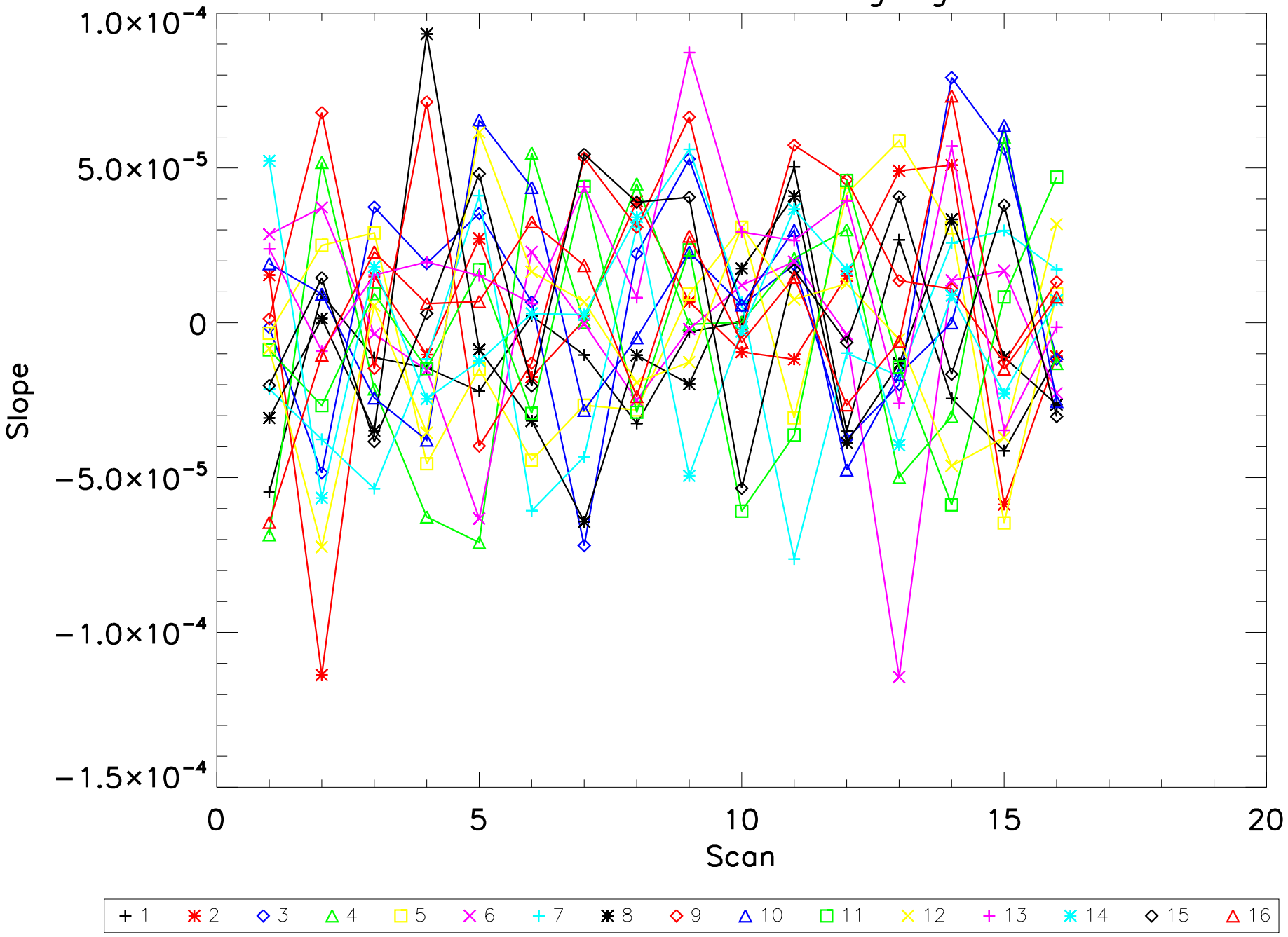
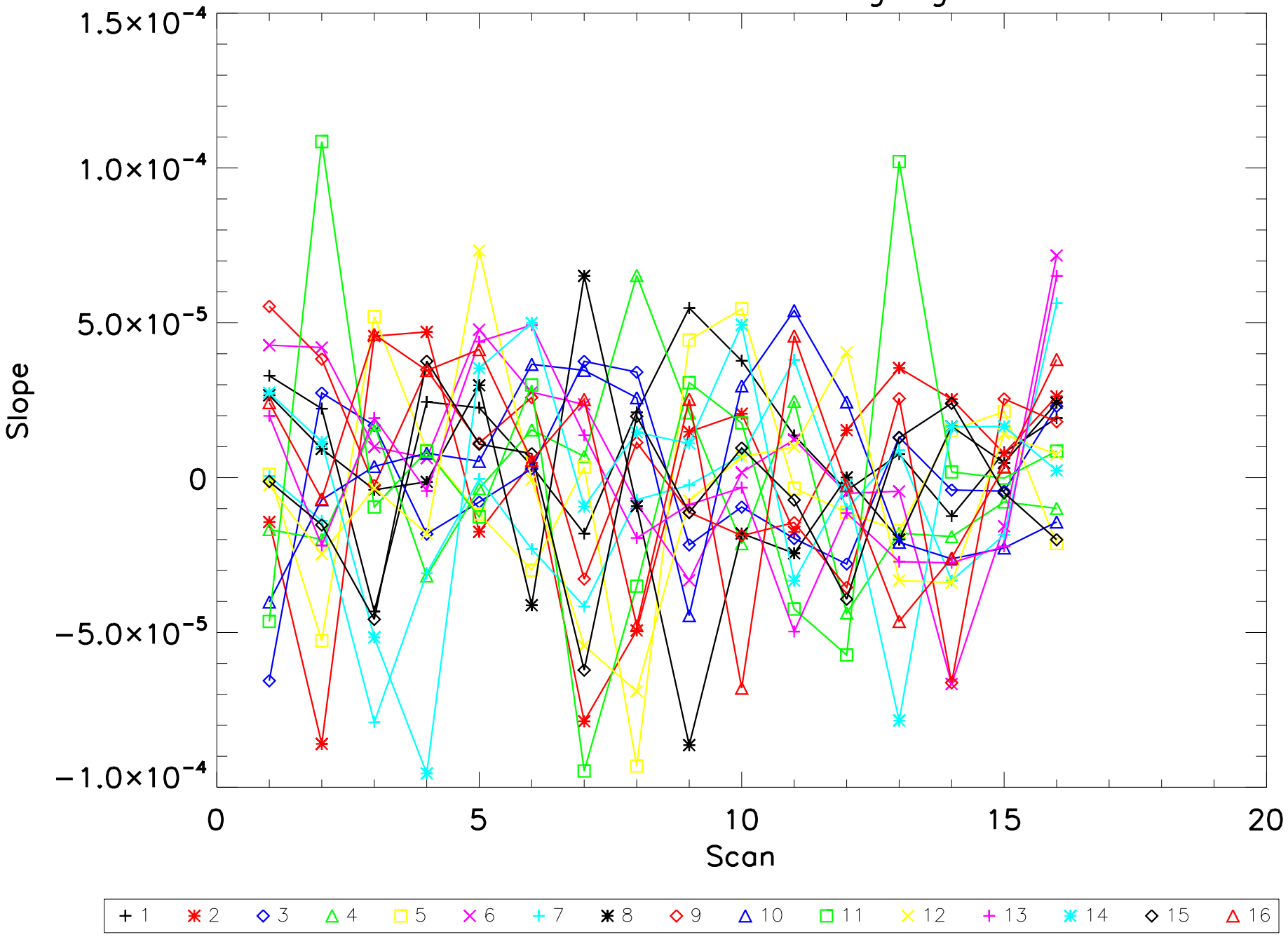

Slope vs Scan
M4 Collect=1 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=2 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
0
5
10
15
20
Scan
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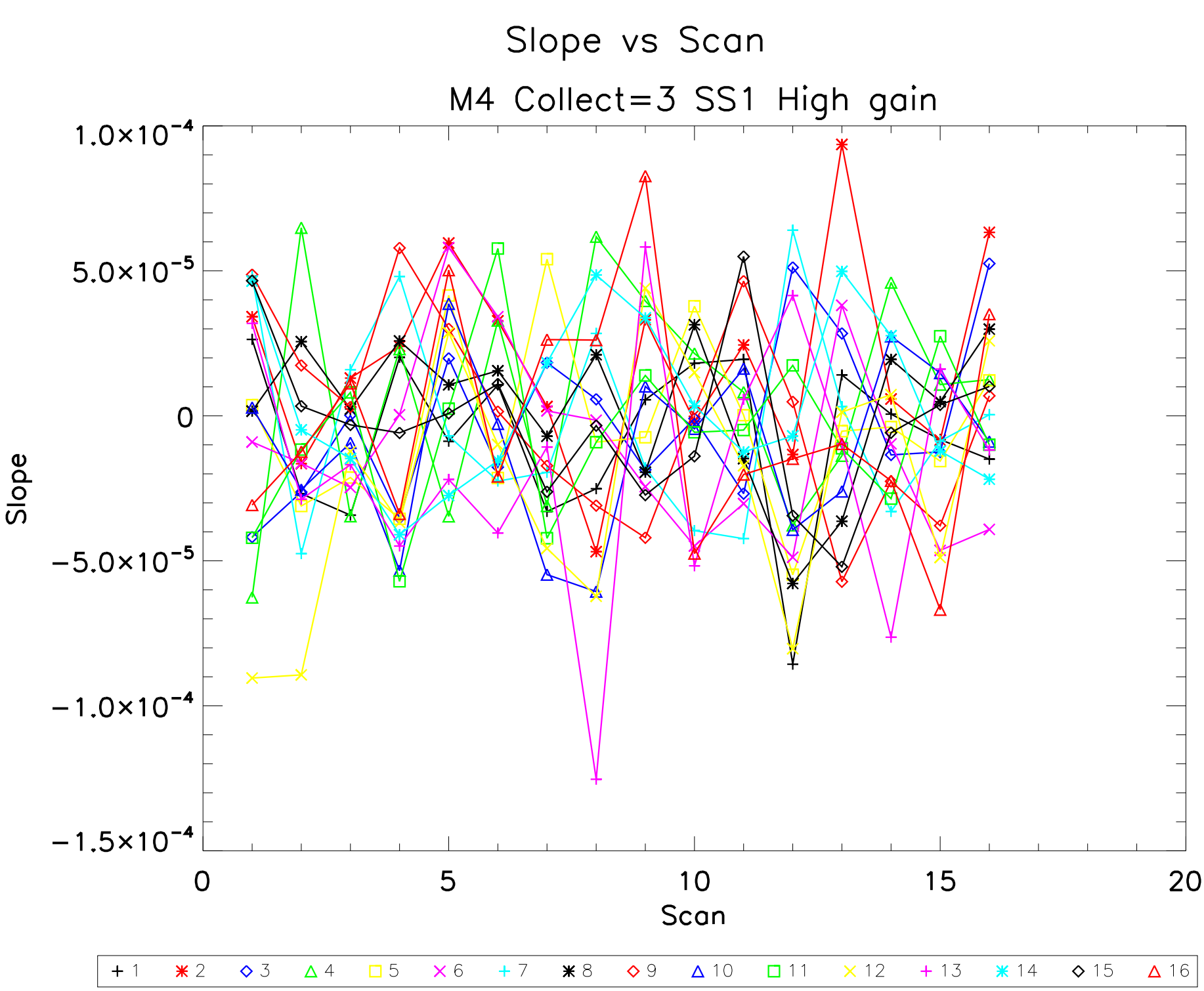
Slope vs Scan
M4 Collect=3 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
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Scan
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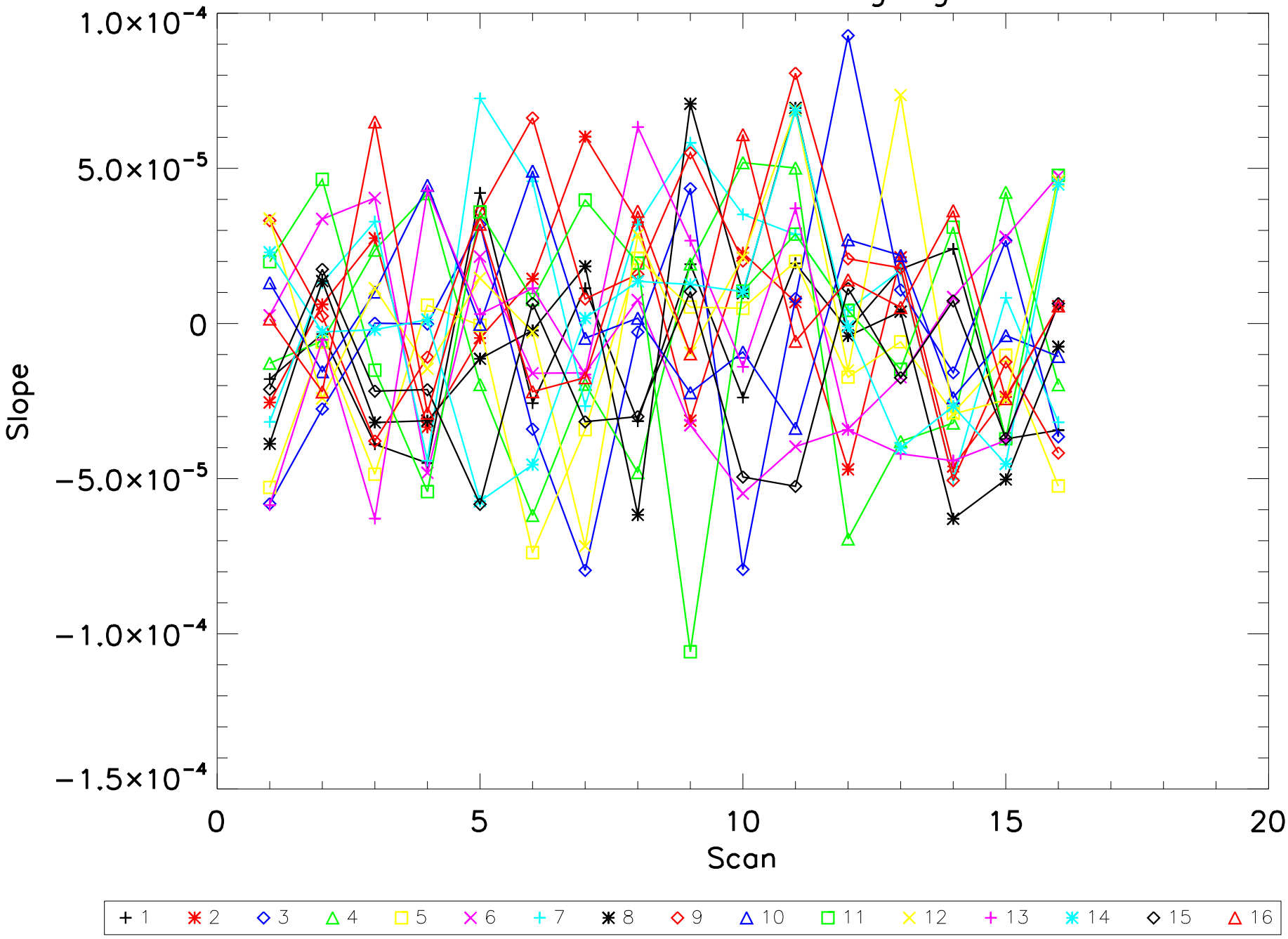
Slope vs Scan
M4 Collect=4 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
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Scan
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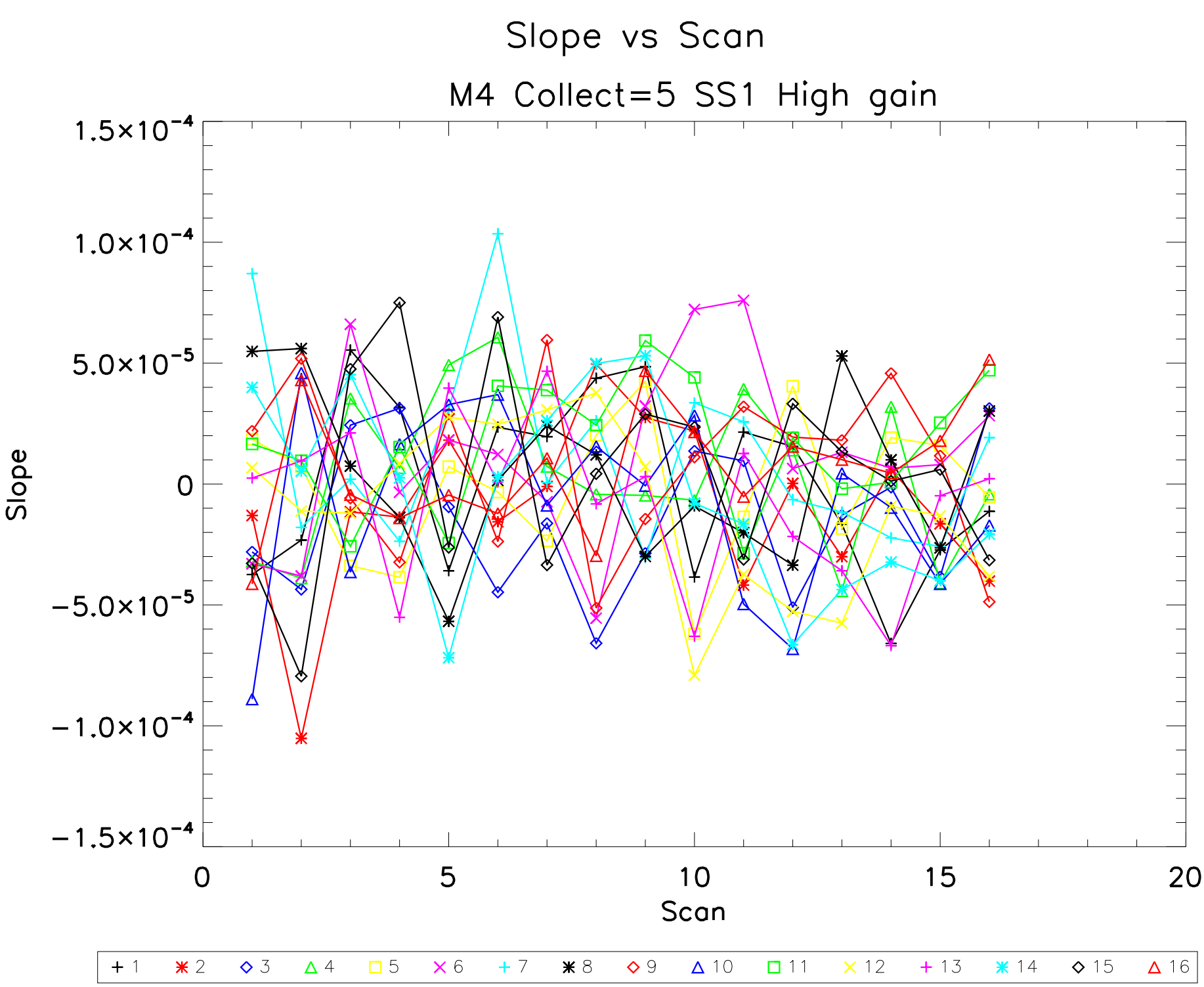
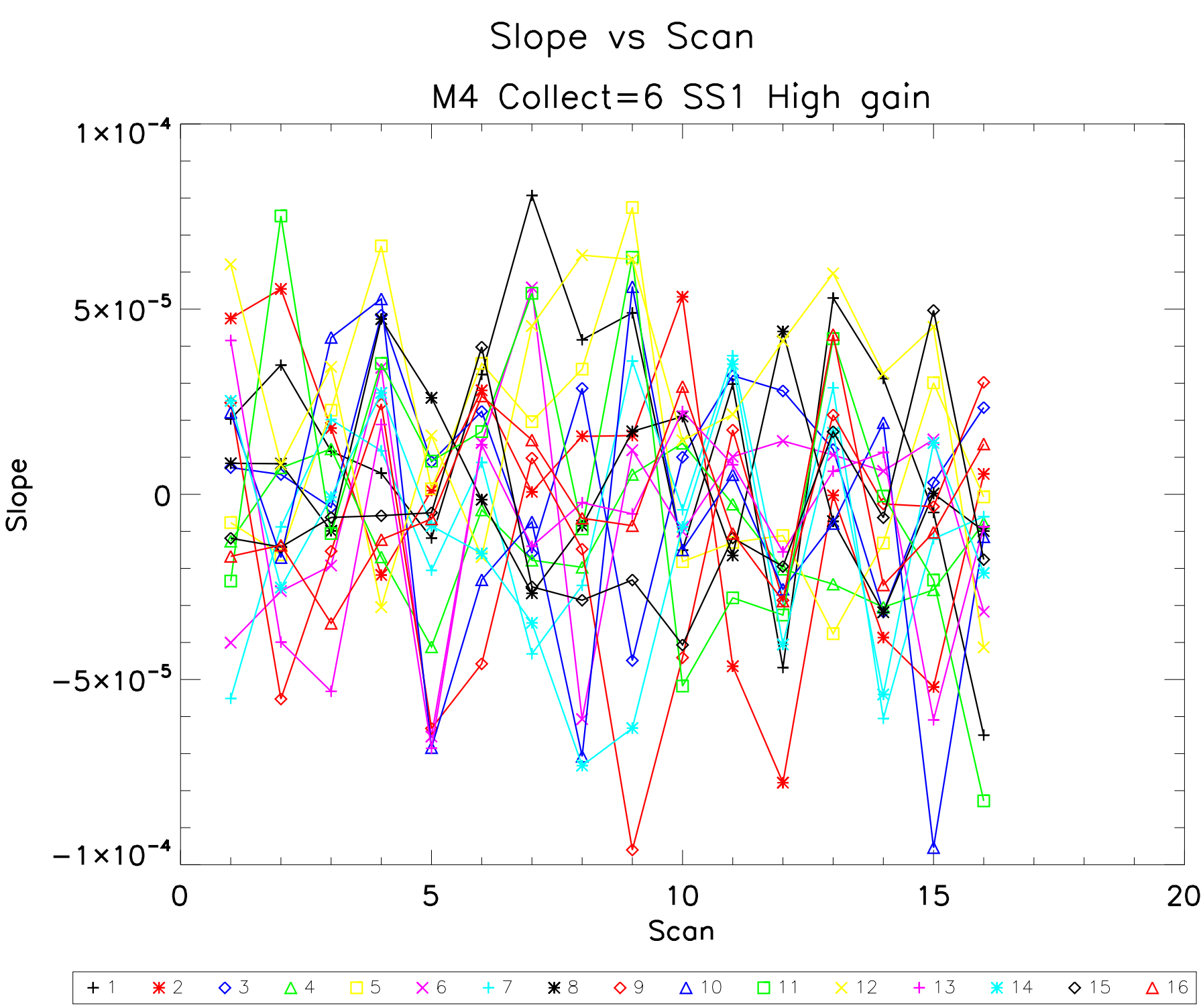

Slope vs Scan
M4 Collect=5 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=6 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
10
15
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Scan
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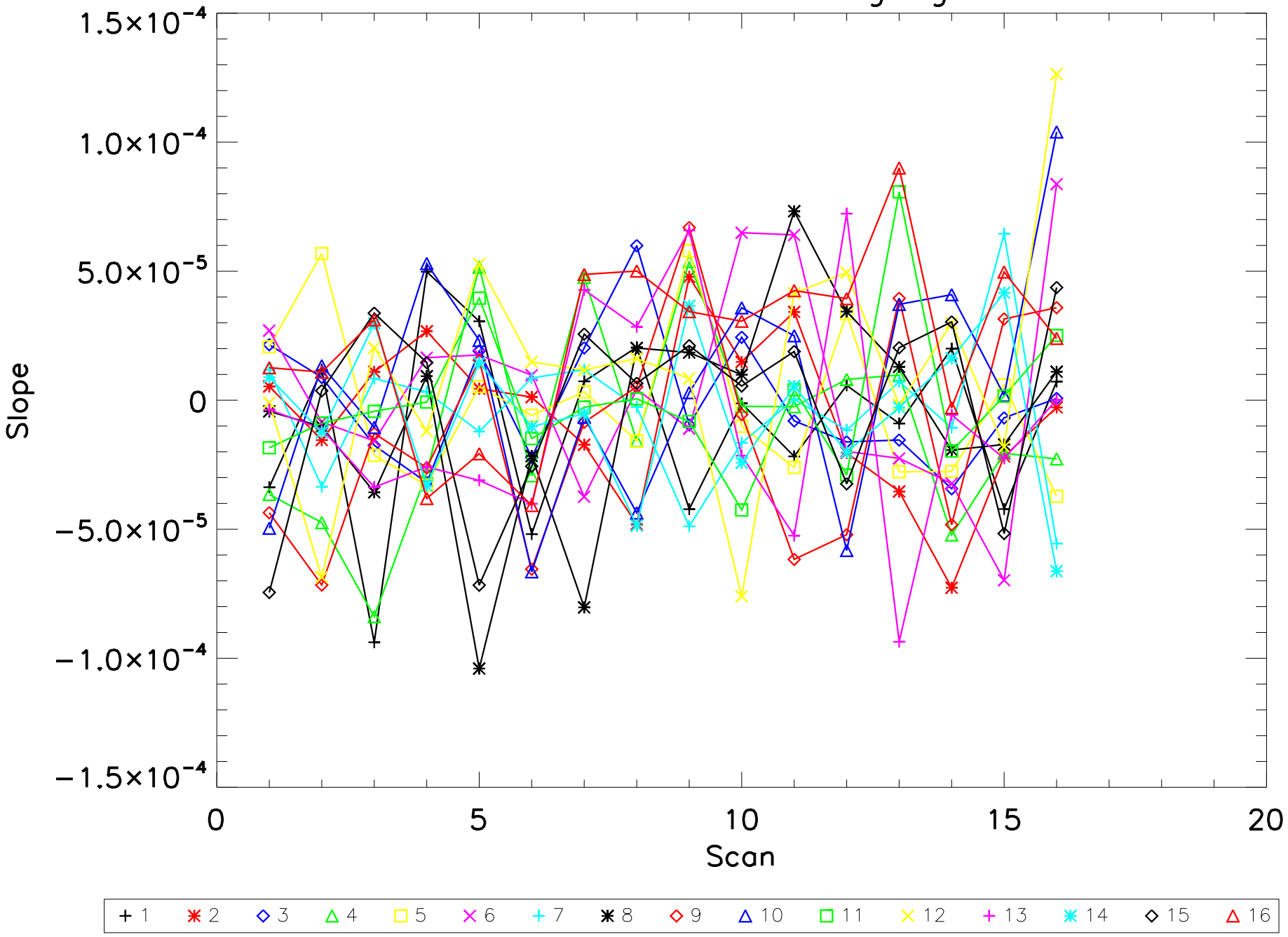
Slope vs Scan
M4 Collect=7 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
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Scan
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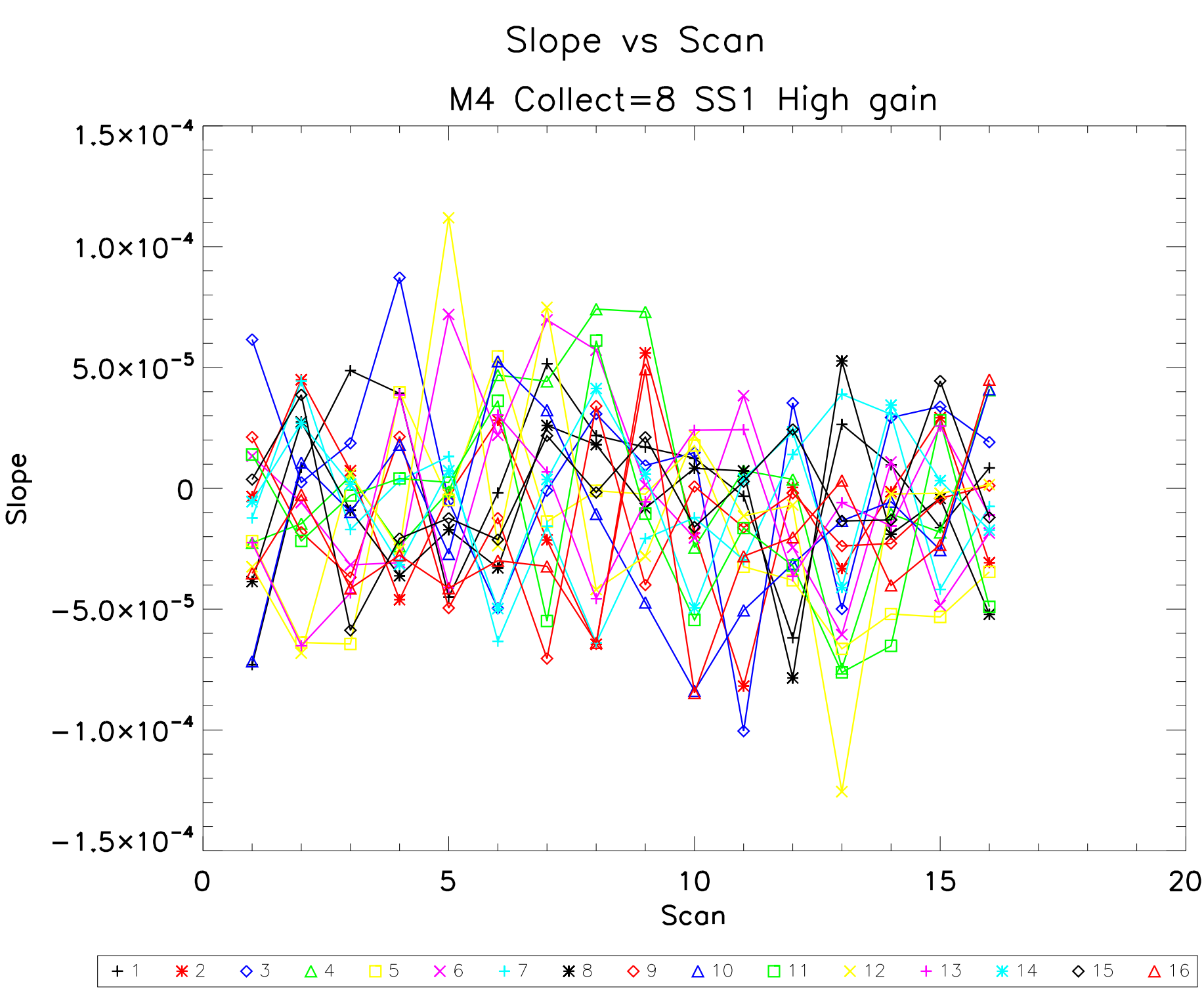
Slope vs Scan
M4 Collect=8 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
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Scan
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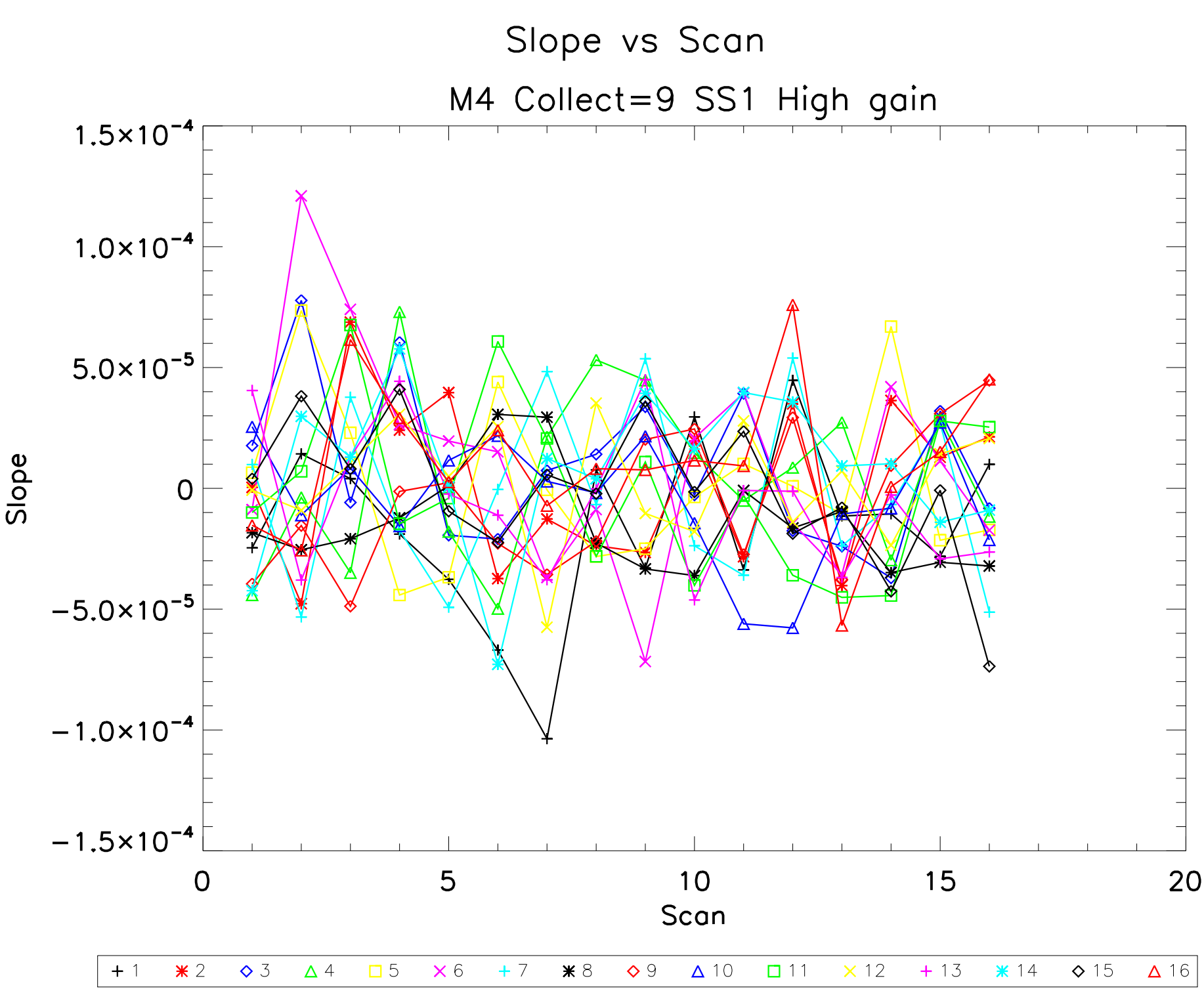
Slope vs Scan
M4 Collect=9 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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Scan
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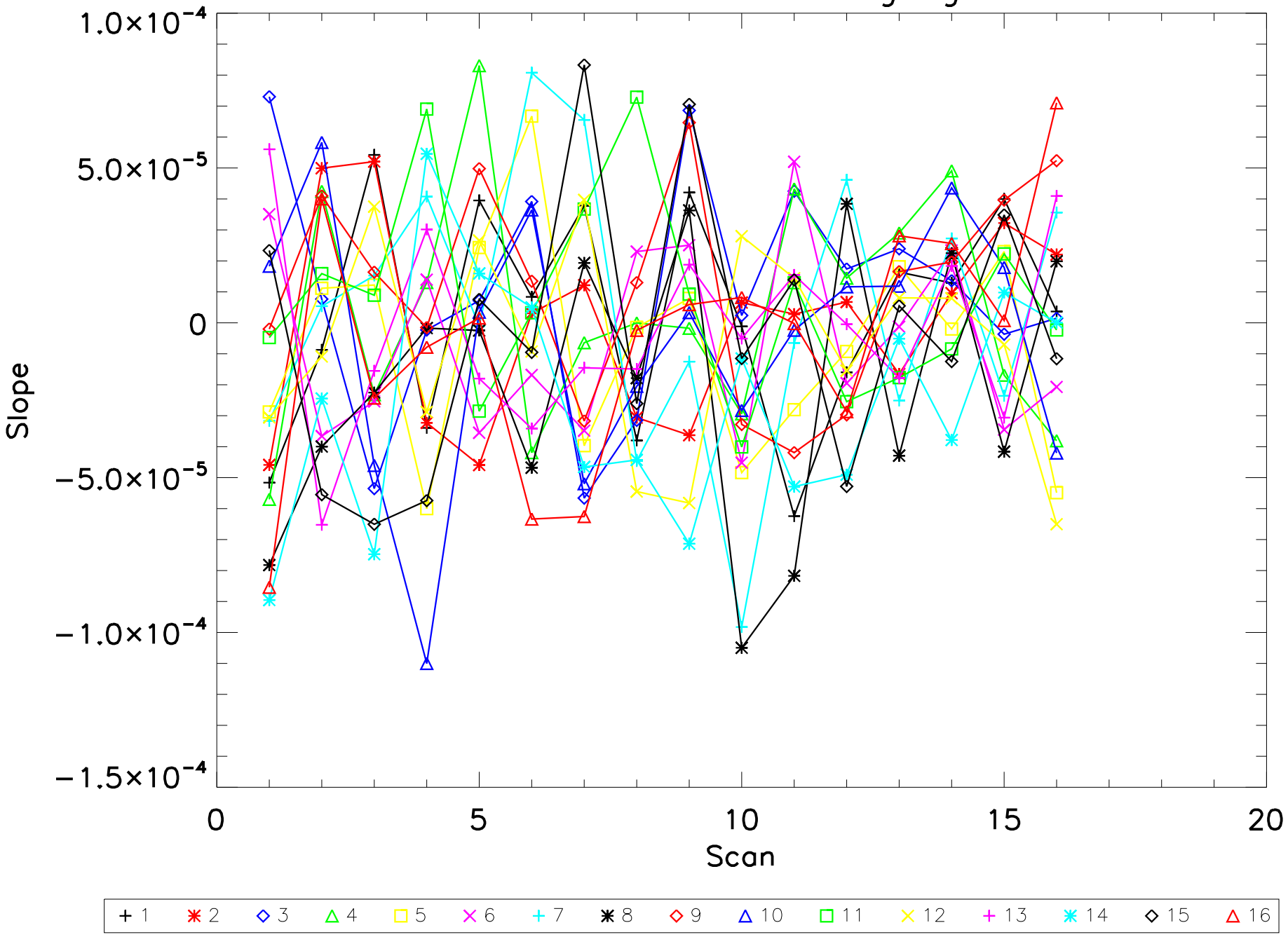
Slope vs Scan
M4 Collect=10 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
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Scan
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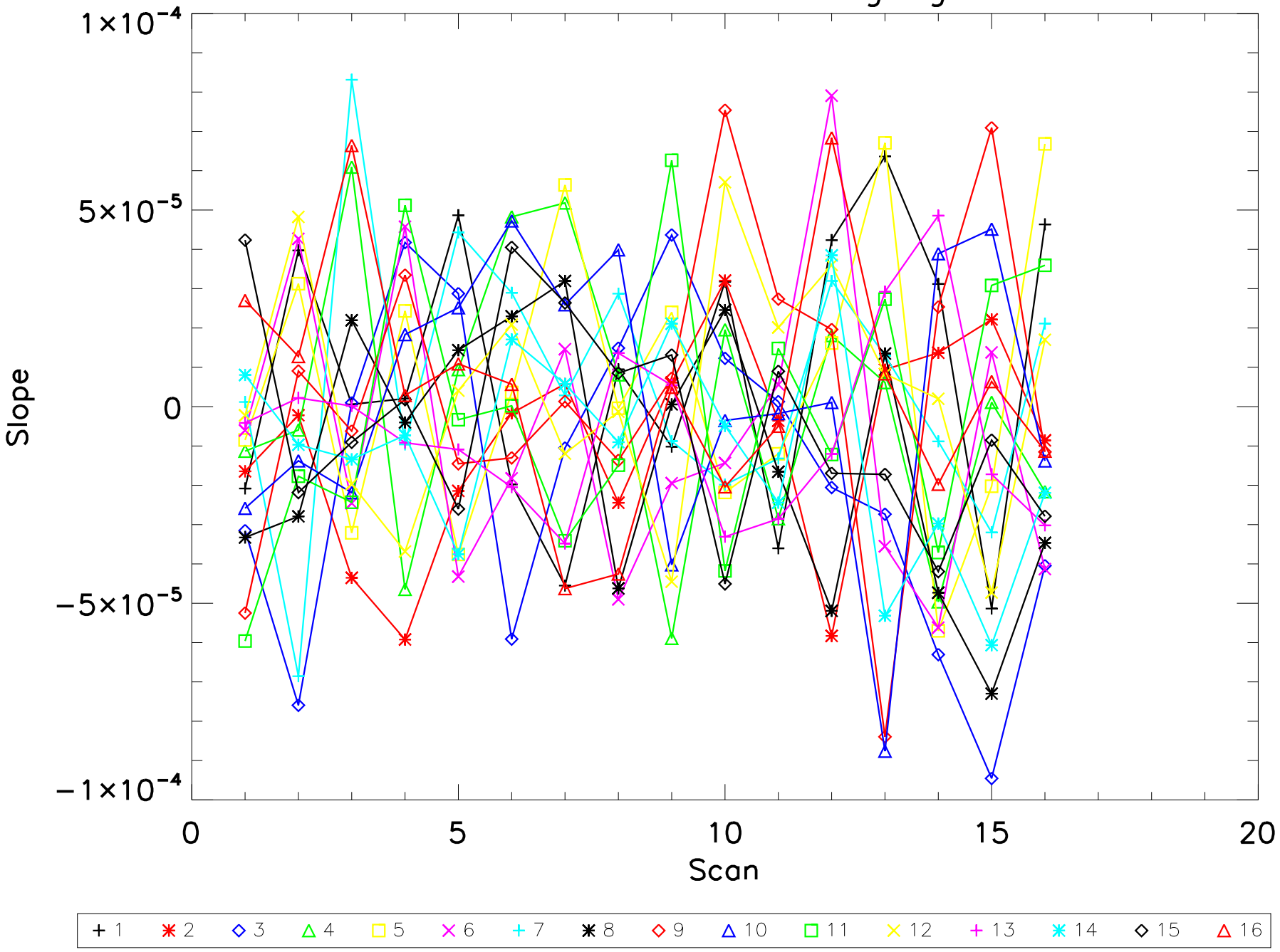
Slope vs Scan
M4 Collect=11 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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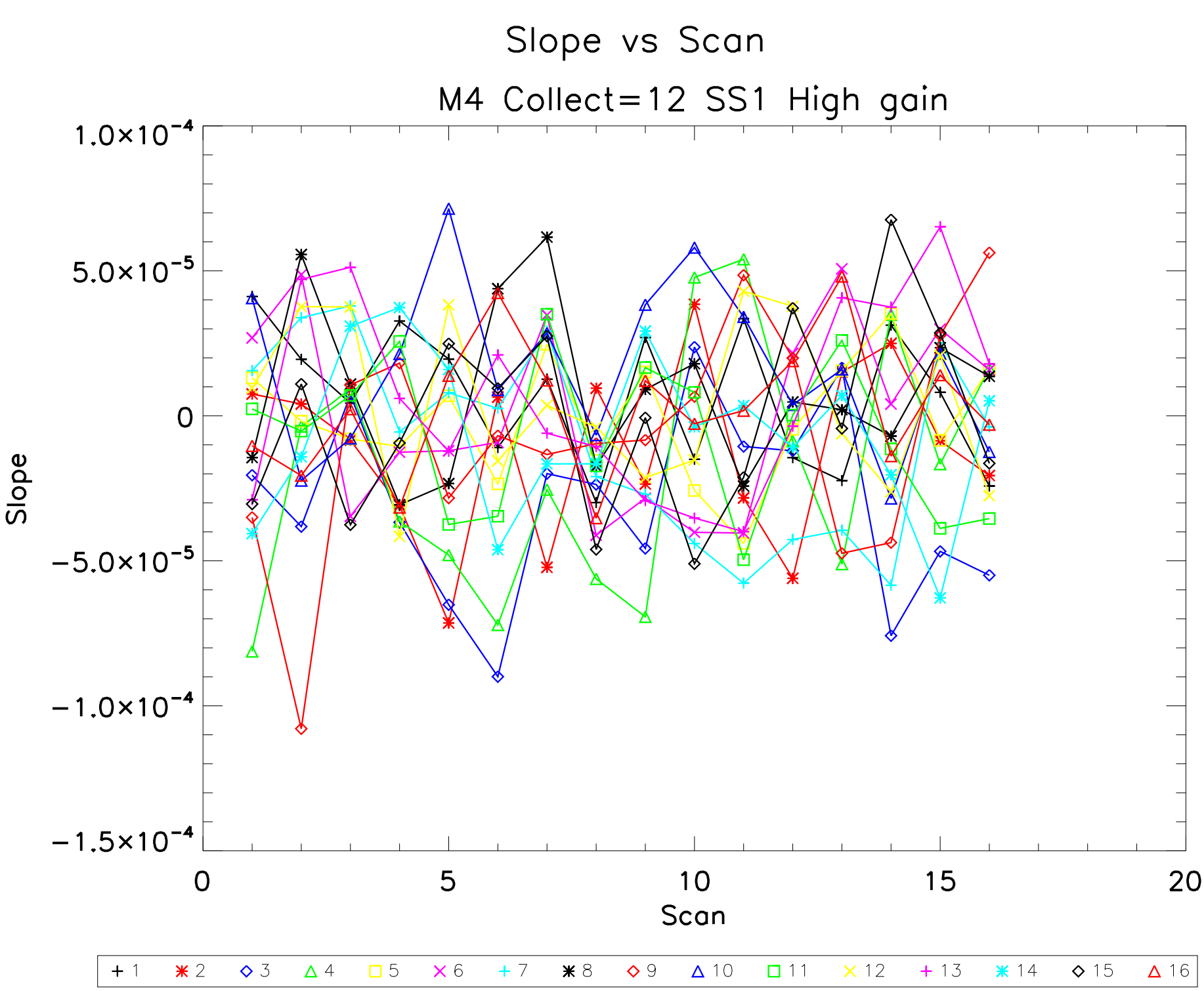
Slope vs Scan
M4 Collect=12 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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Scan
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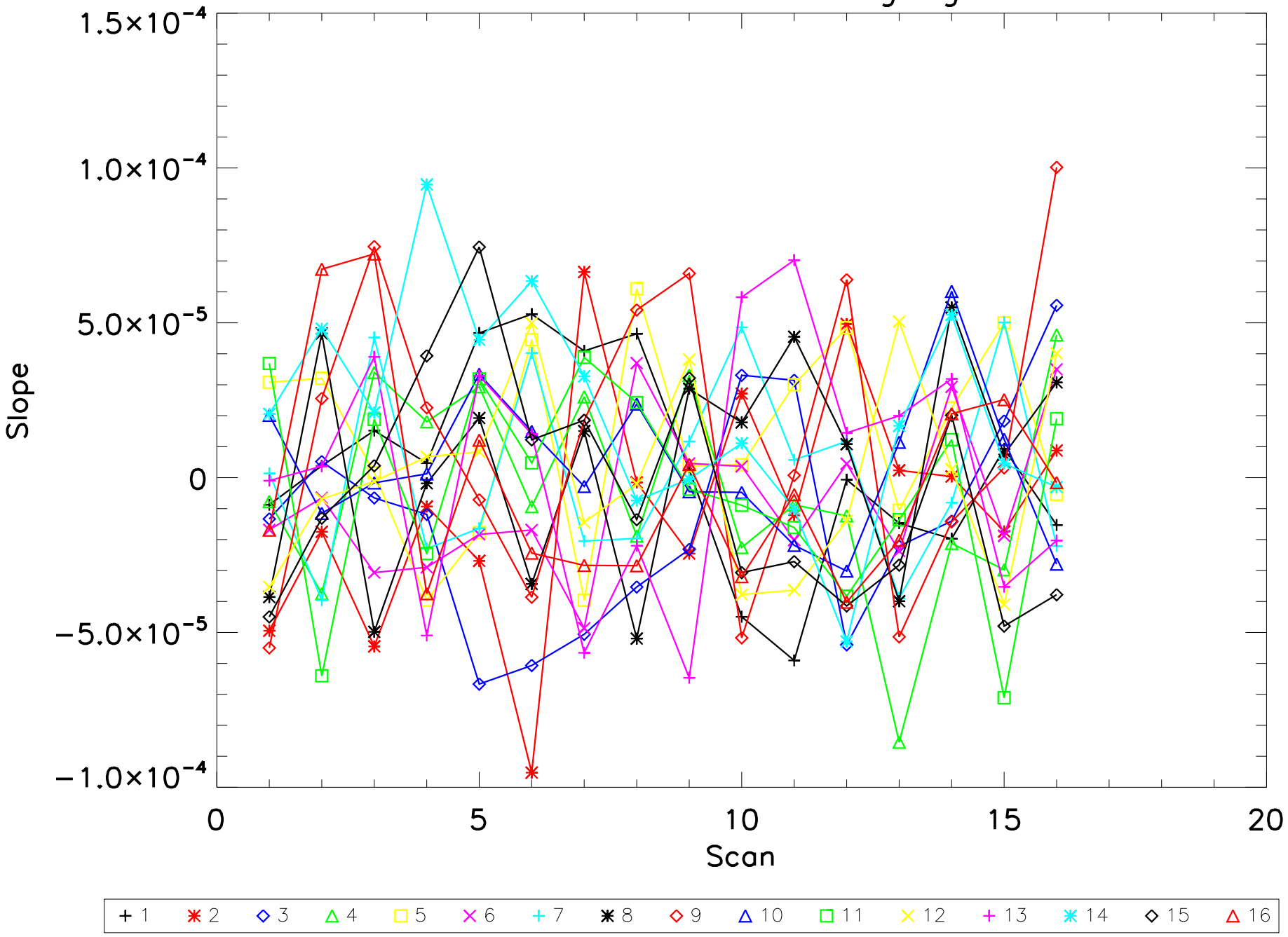
Slope vs Scan
M4 Collect=13 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
0
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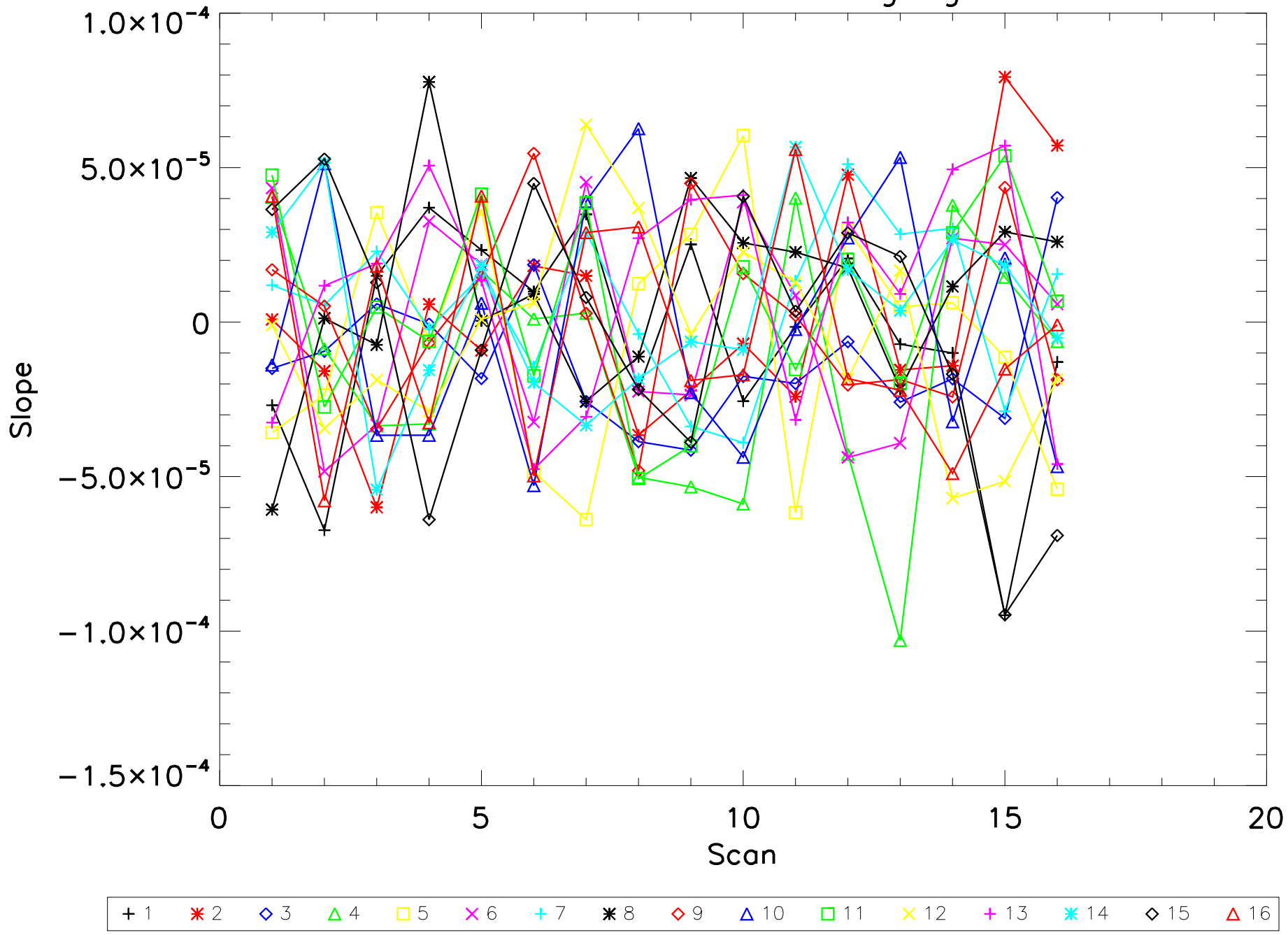
Slope vs Scan
M4 Collect=14 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
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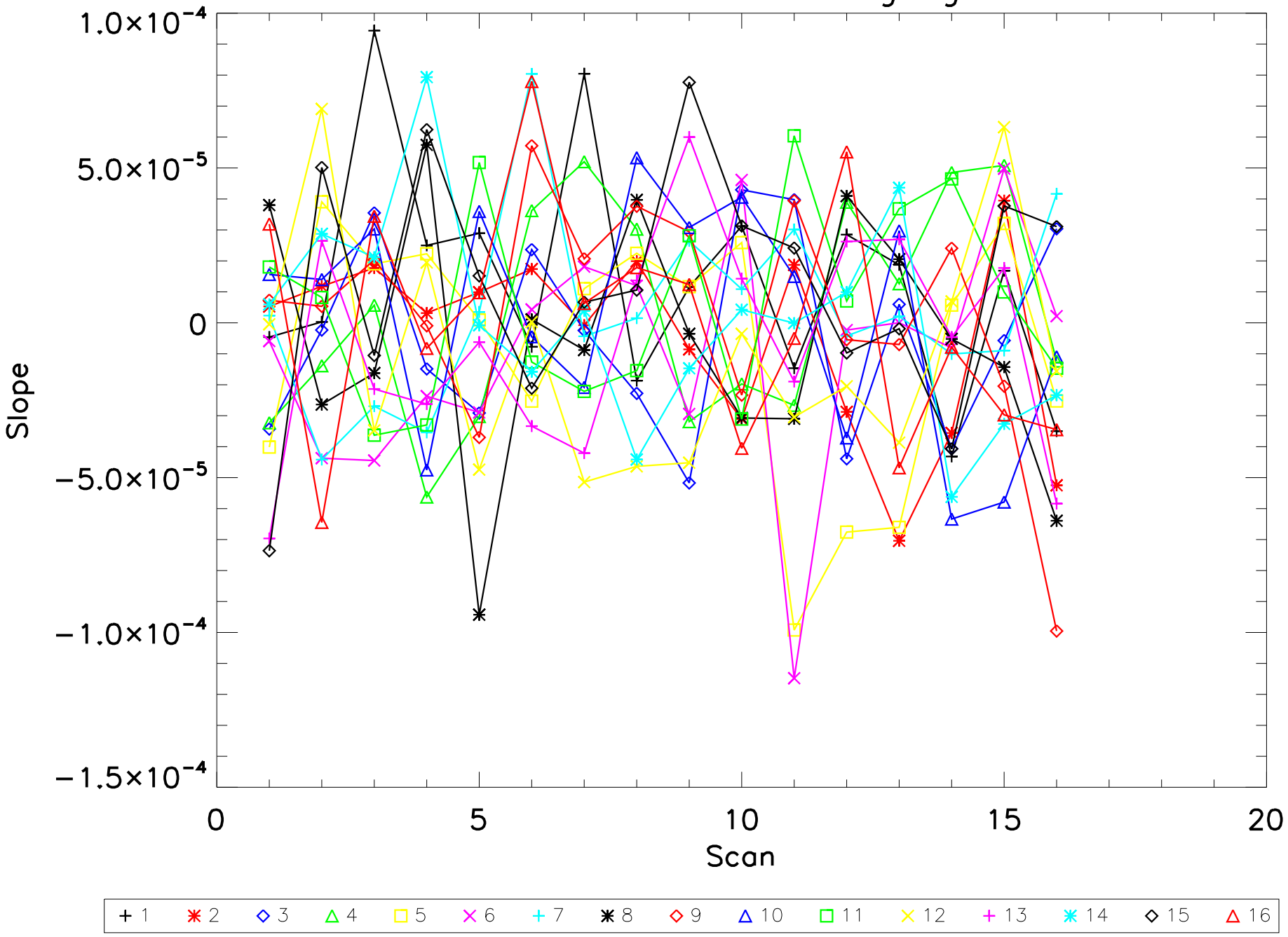
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=15 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
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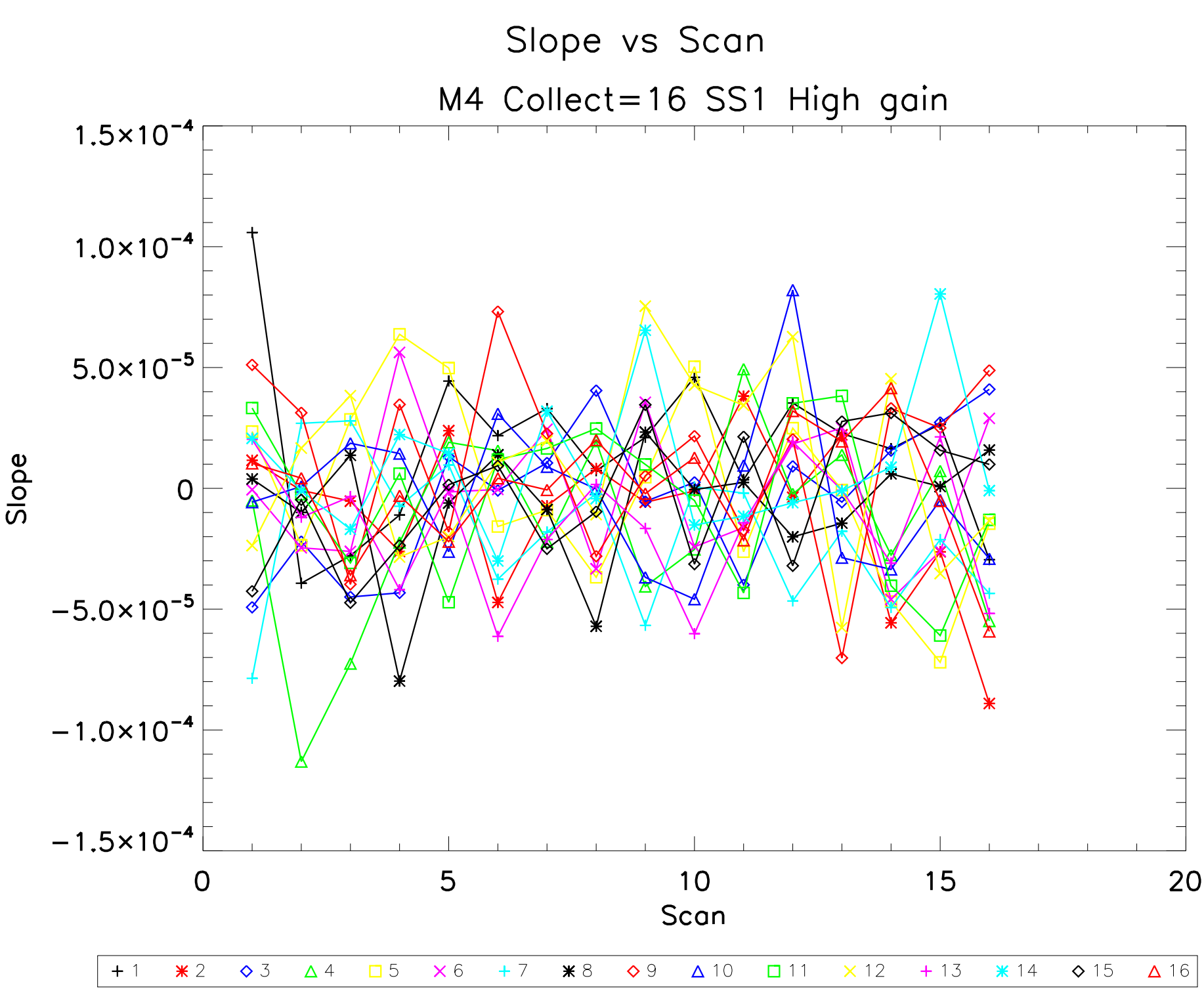
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=16 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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Scan
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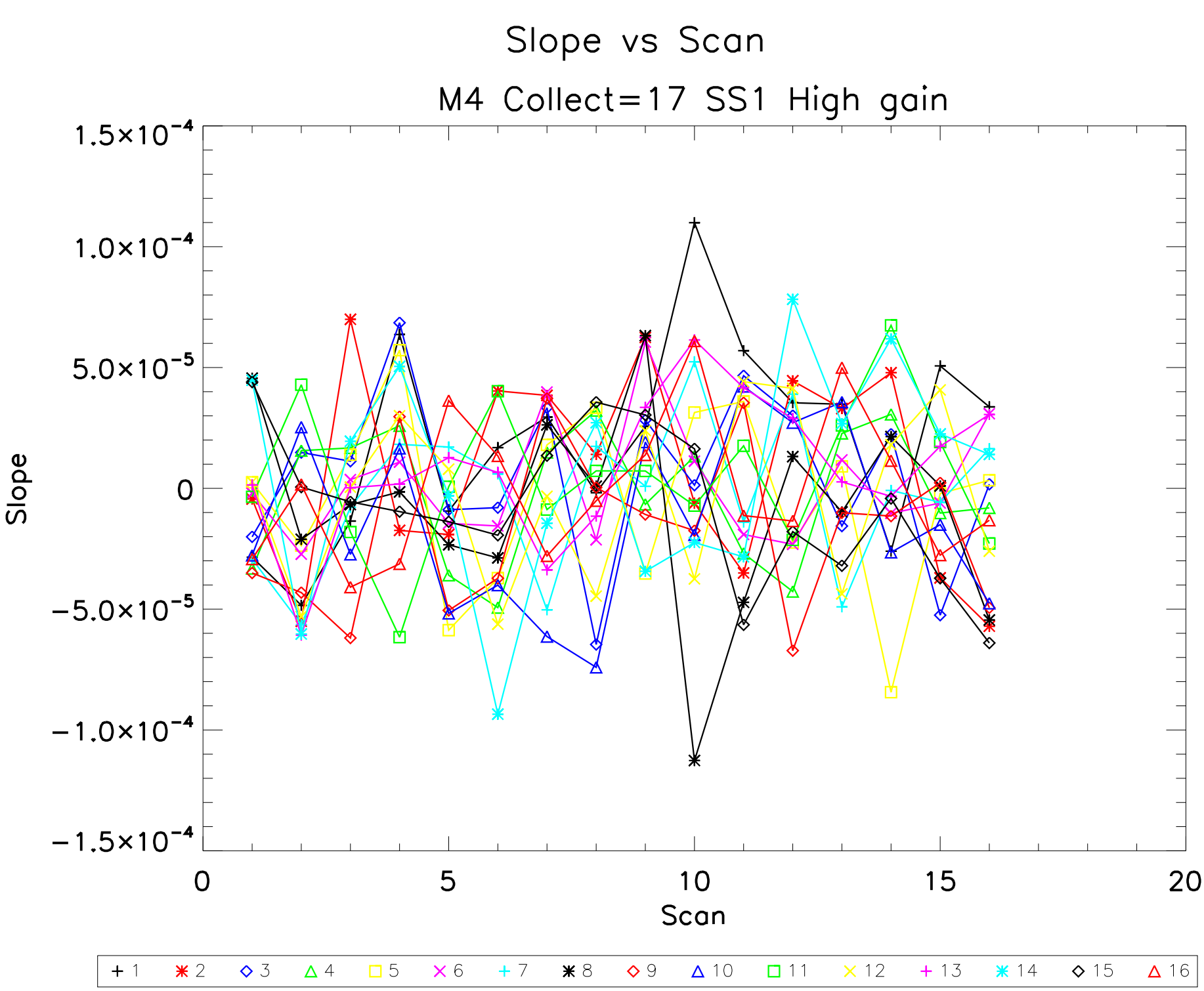
Slope vs Scan
M4 Collect=17 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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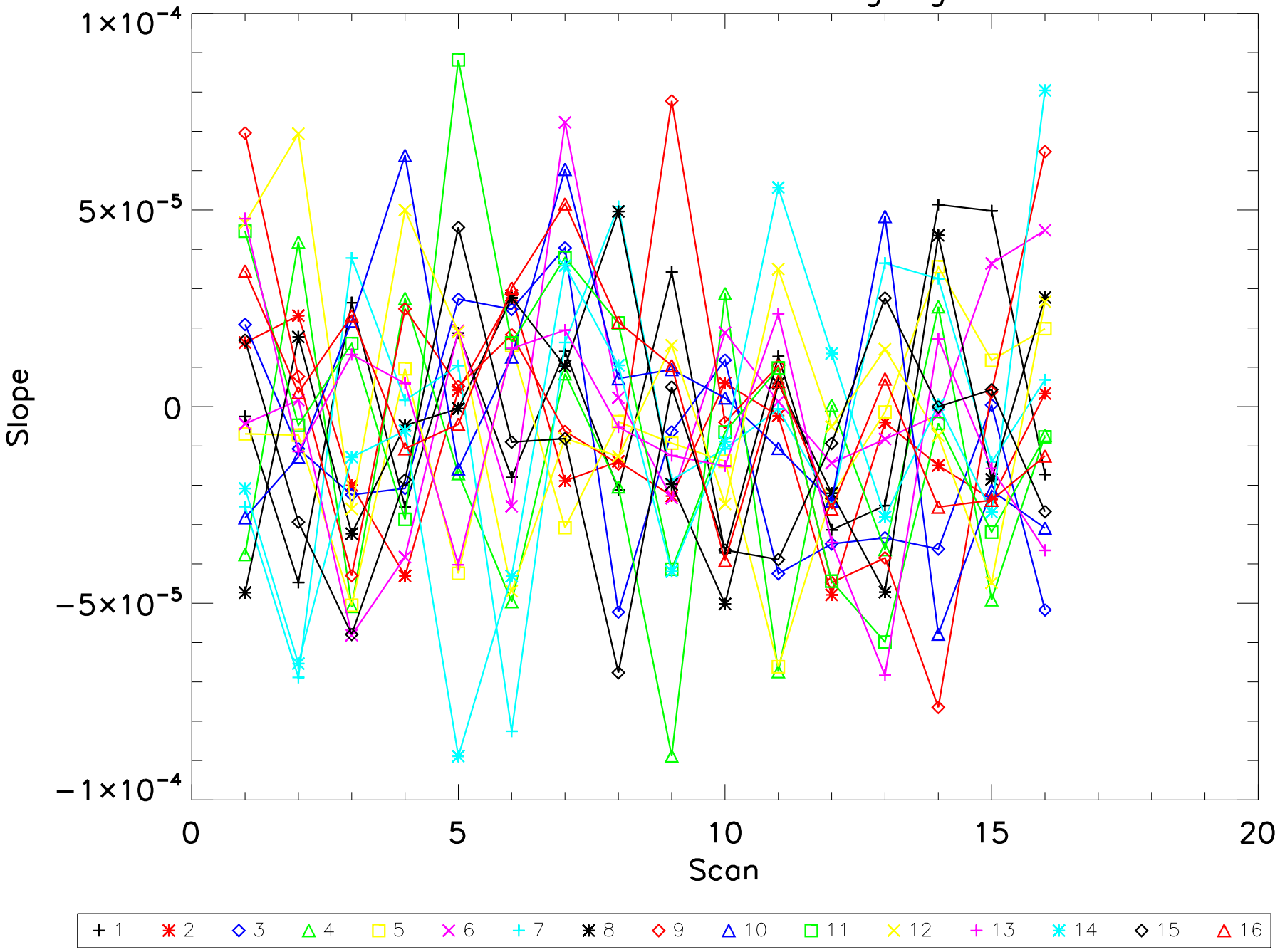
Slope vs Scan
M4 Collect=18 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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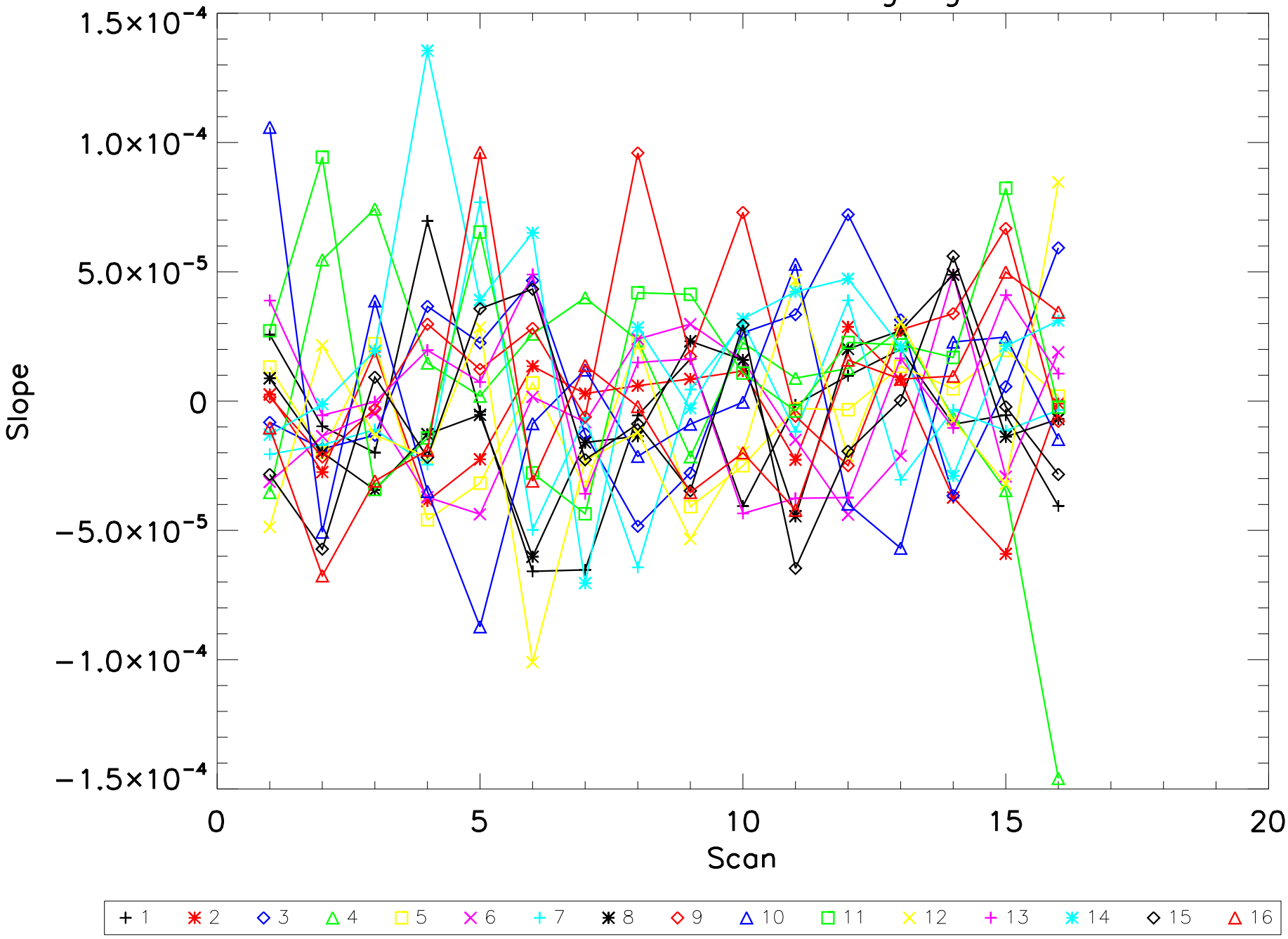
Slope vs Scan
M4 Collect=19 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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Scan
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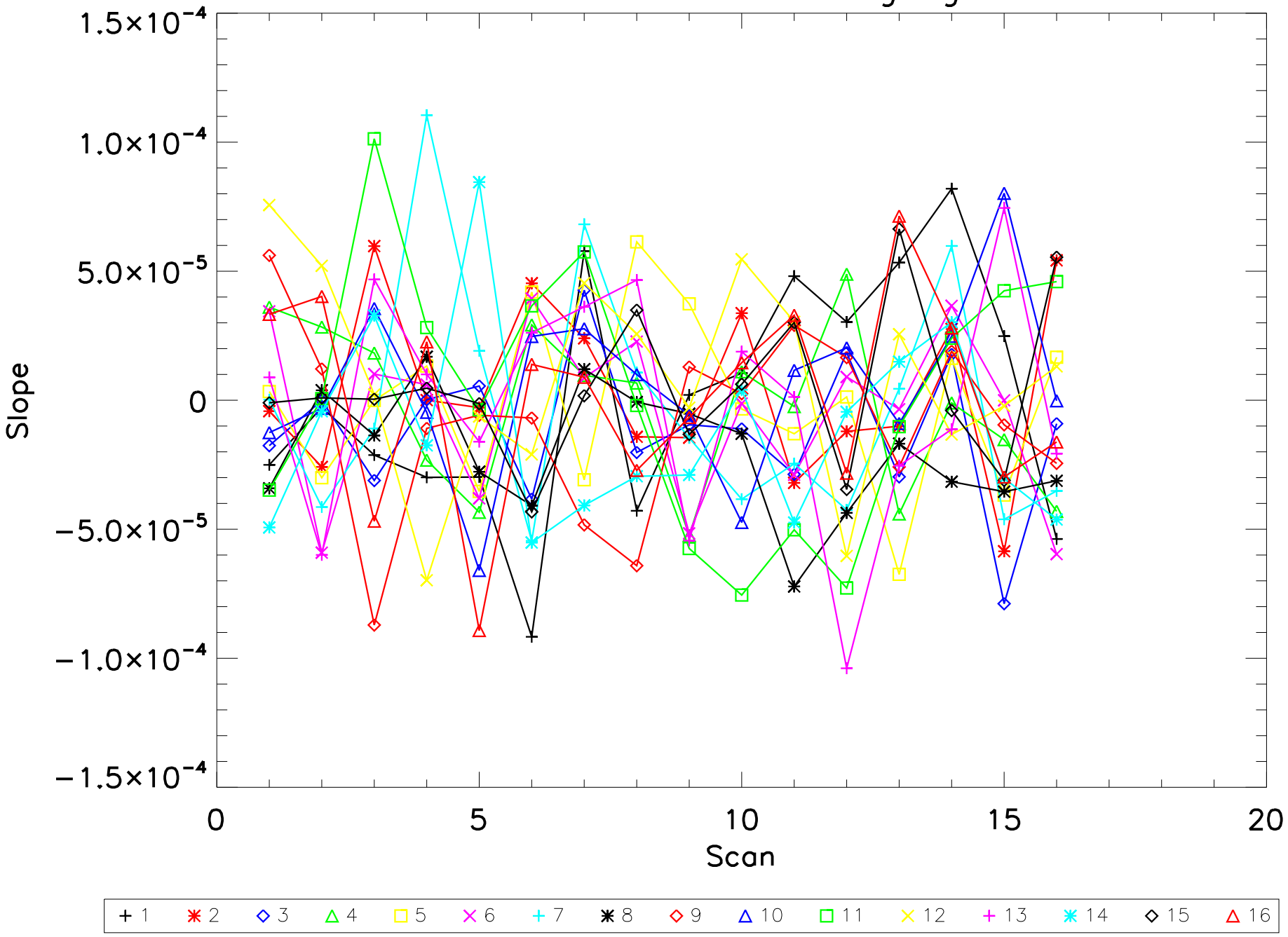
Slope vs Scan
M4 Collect=20 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
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15
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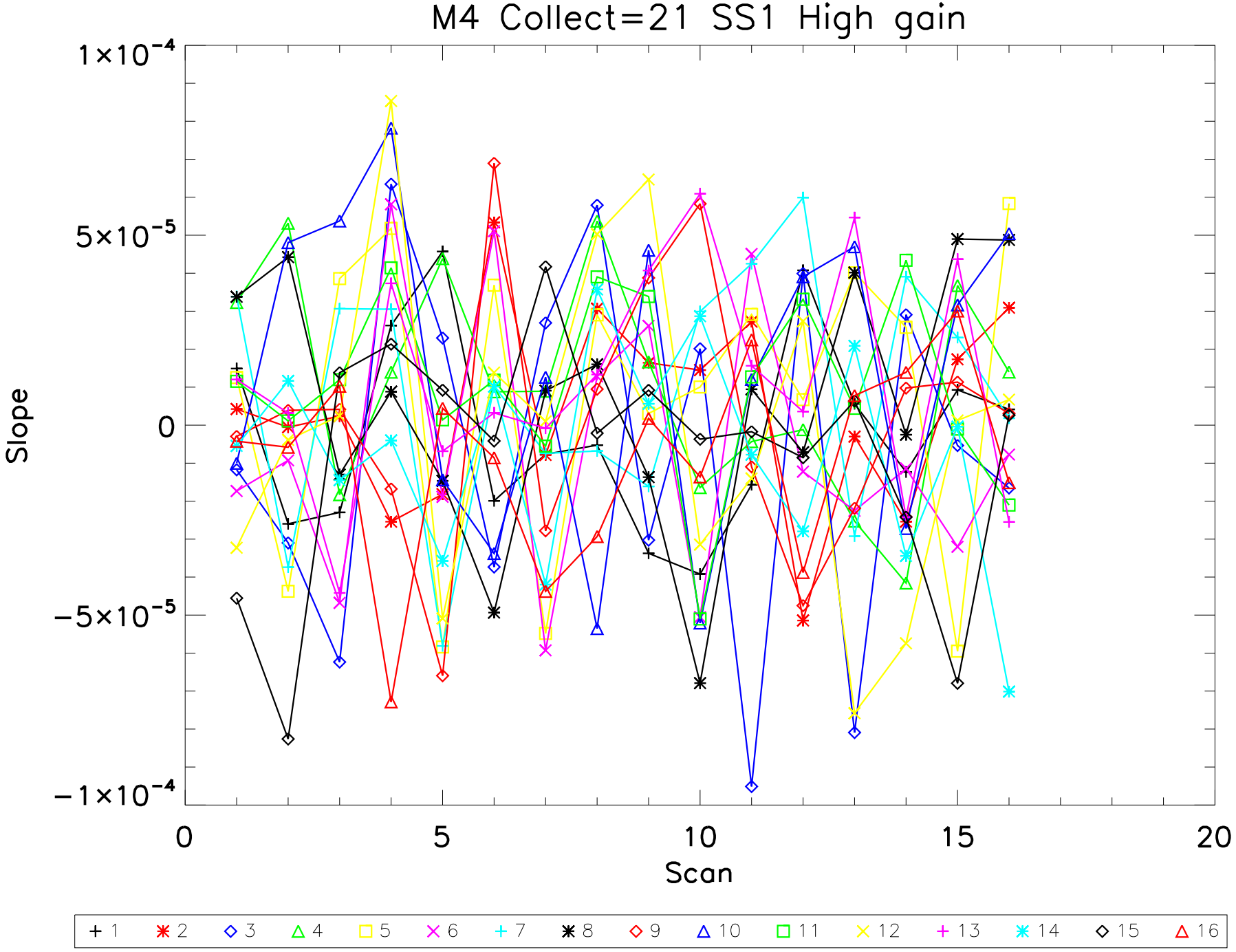
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=21 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
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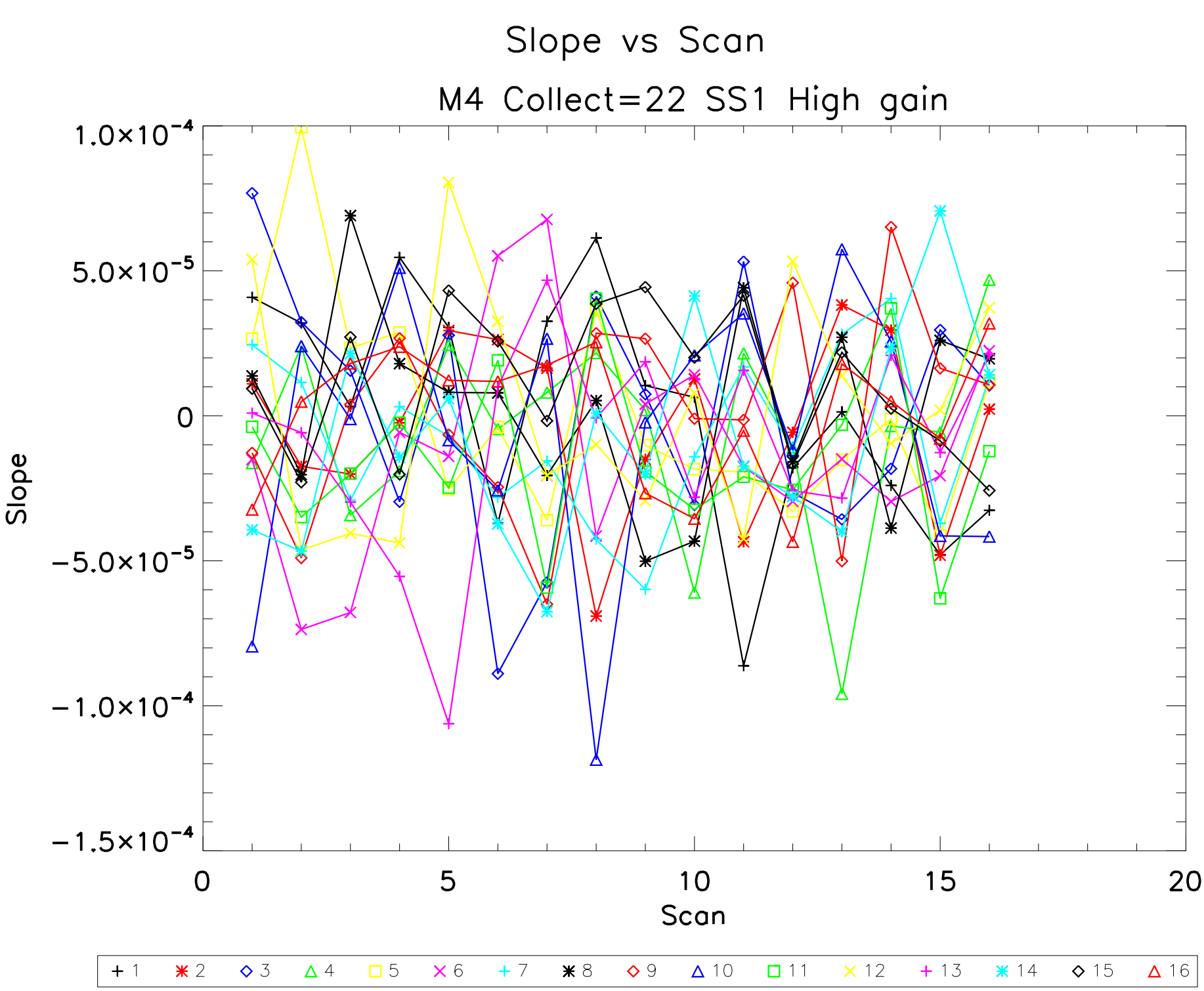
Slope vs Scan
M4 Collect=22 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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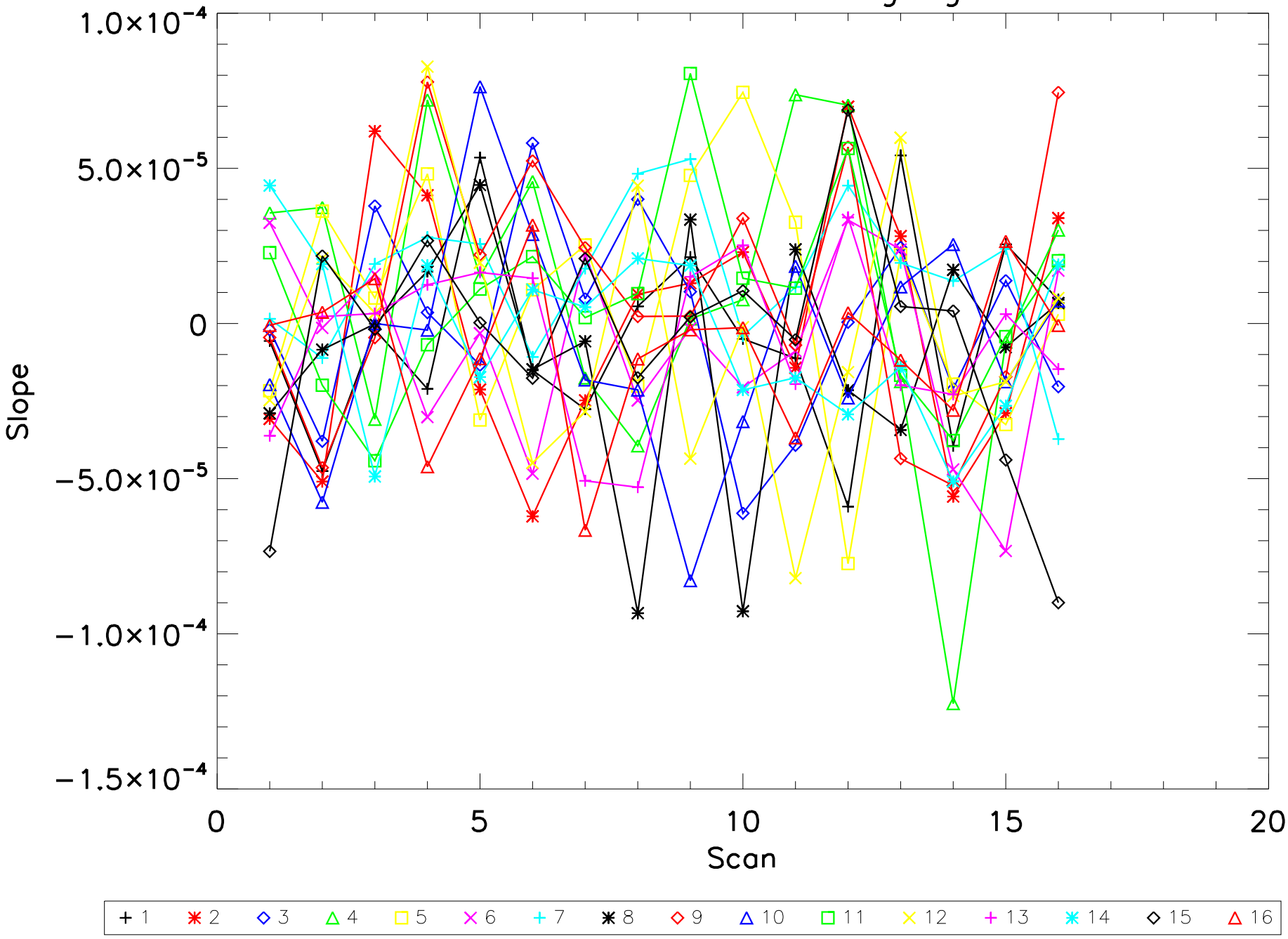
Slope vs Scan
M4 Collect=23 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
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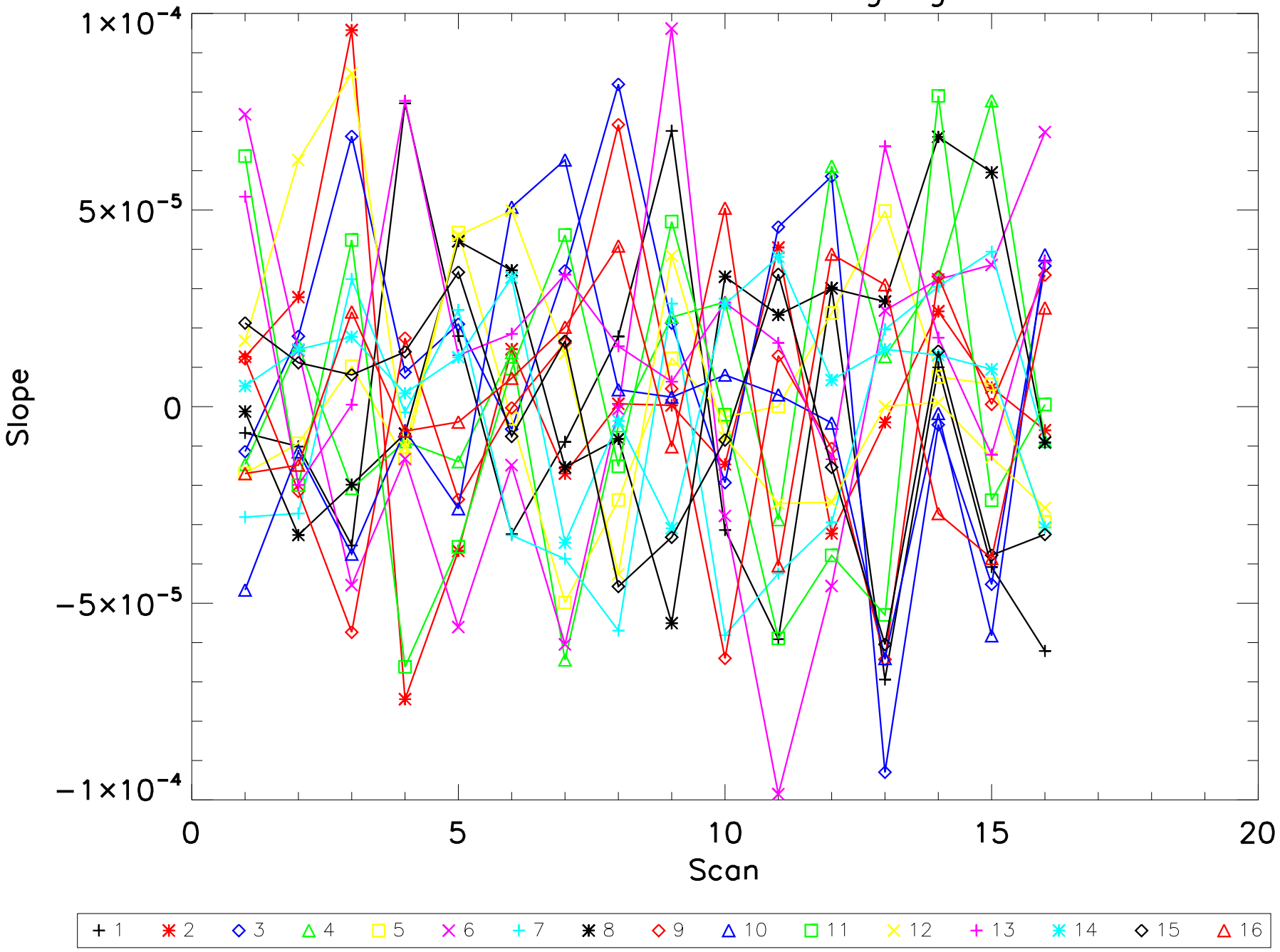
Slope vs Scan
M4 Collect=24 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
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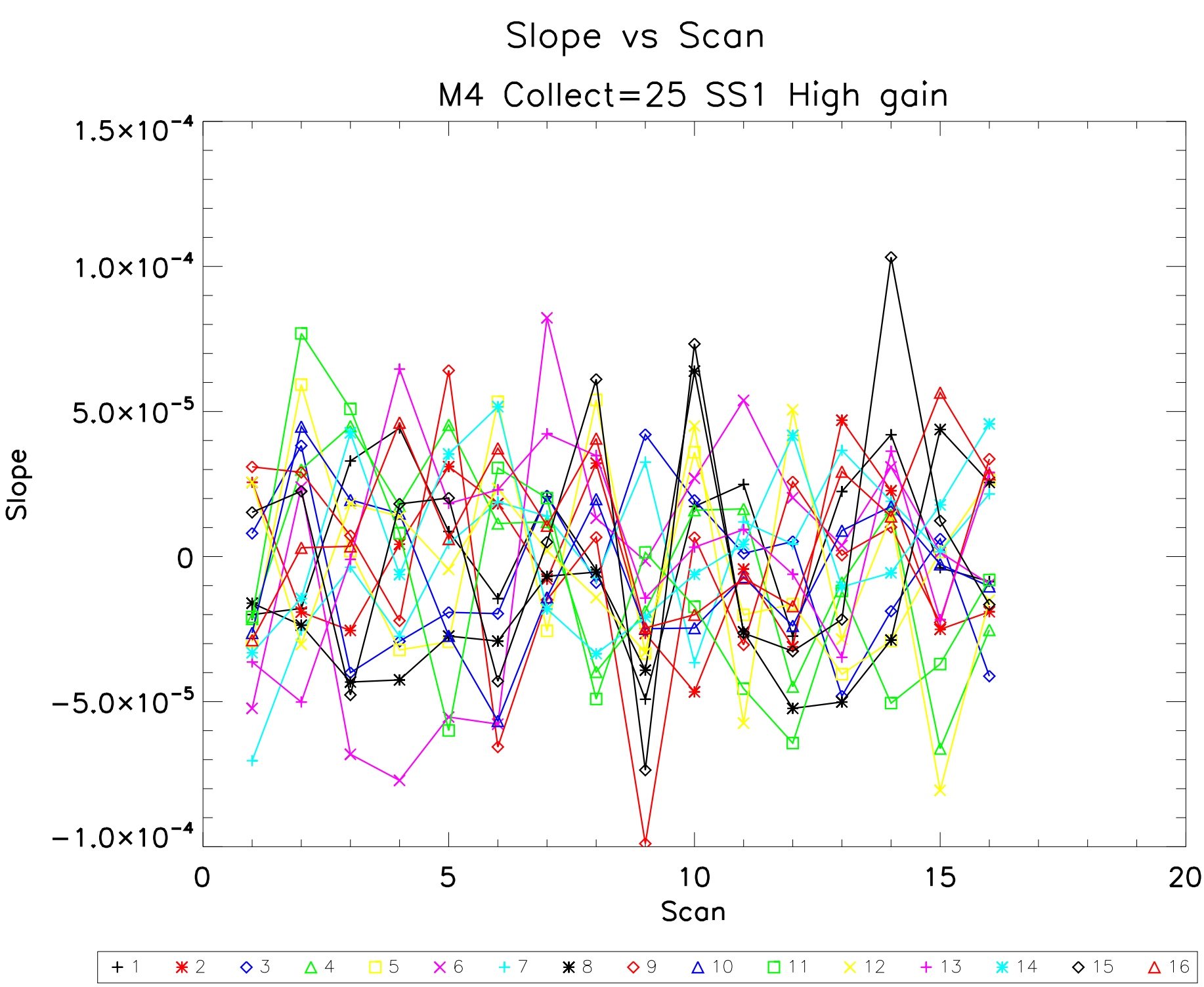
Slope vs Scan
M4 Collect=25 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
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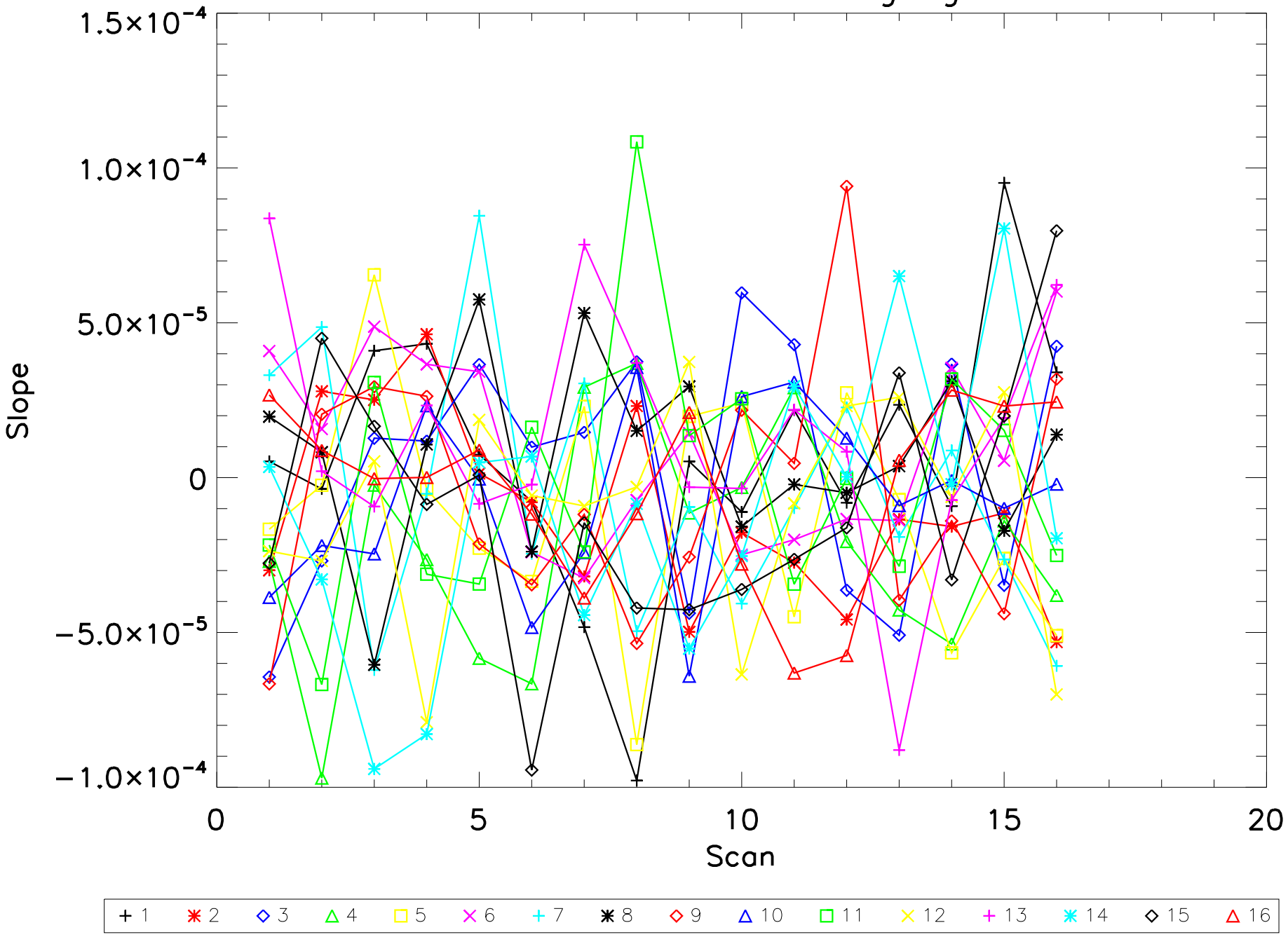
Slope vs Scan
M4 Collect=26 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
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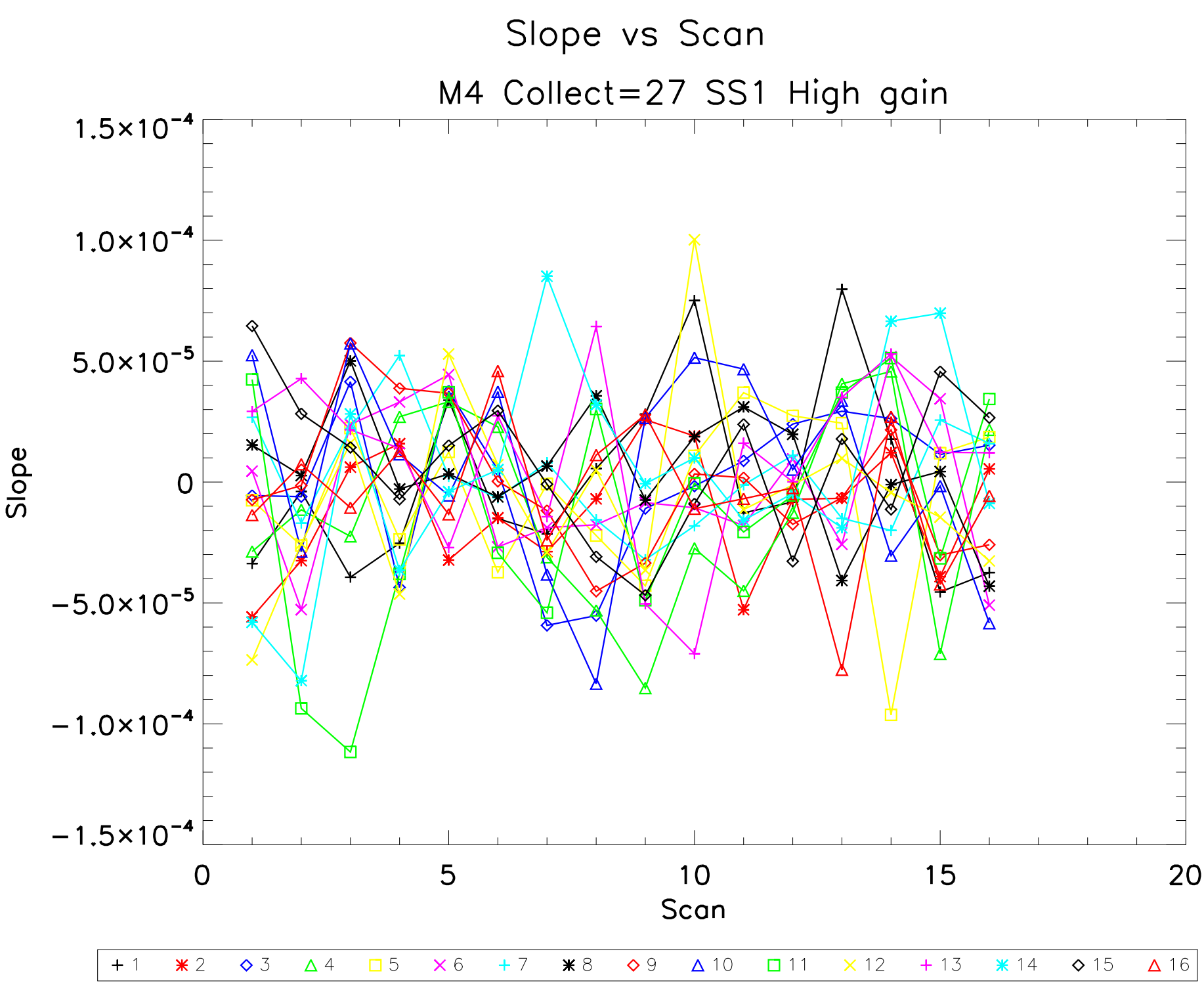
Slope vs Scan
M4 Collect=27 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
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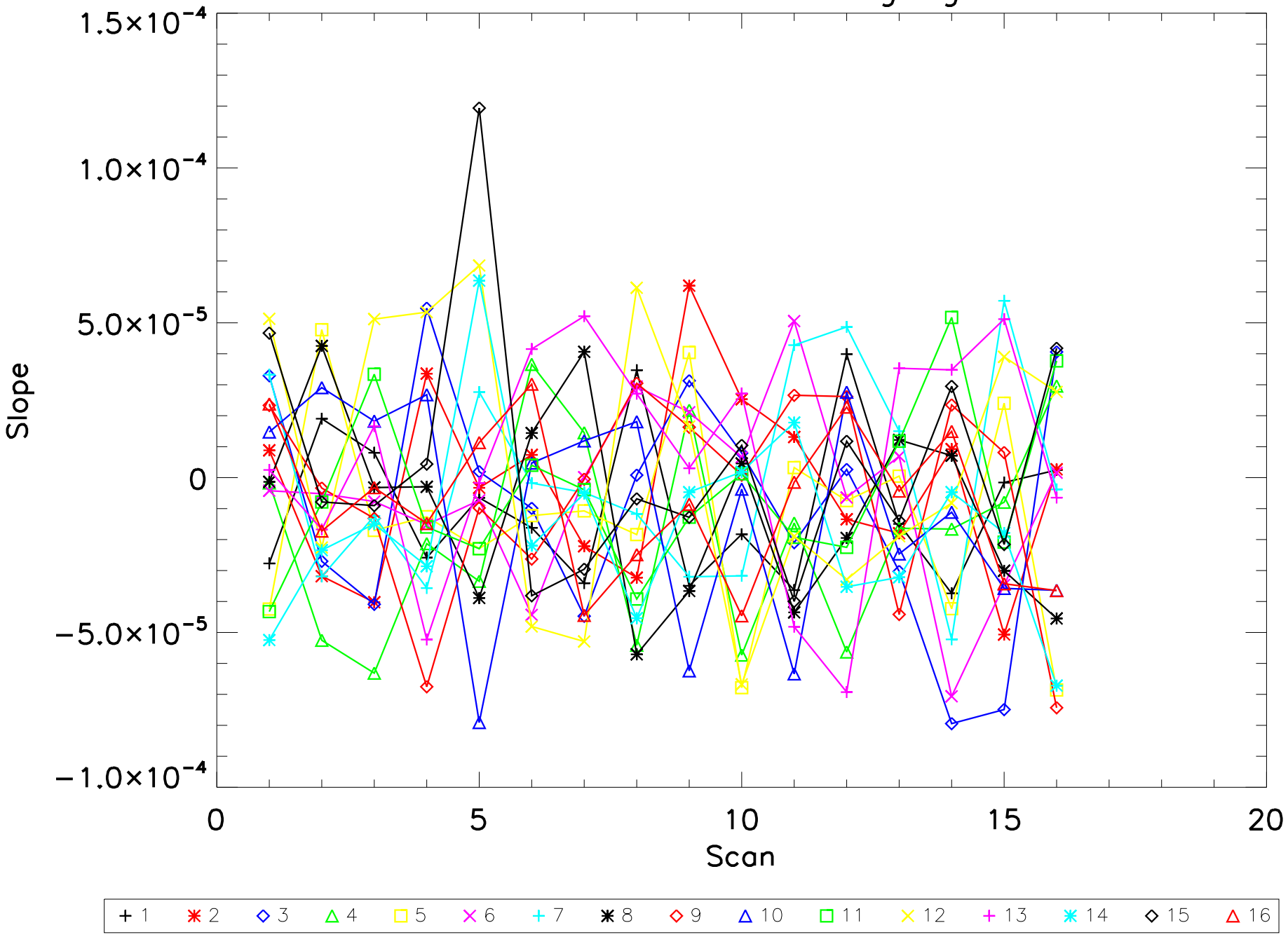
Slope vs Scan
M4 Collect=28 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
0
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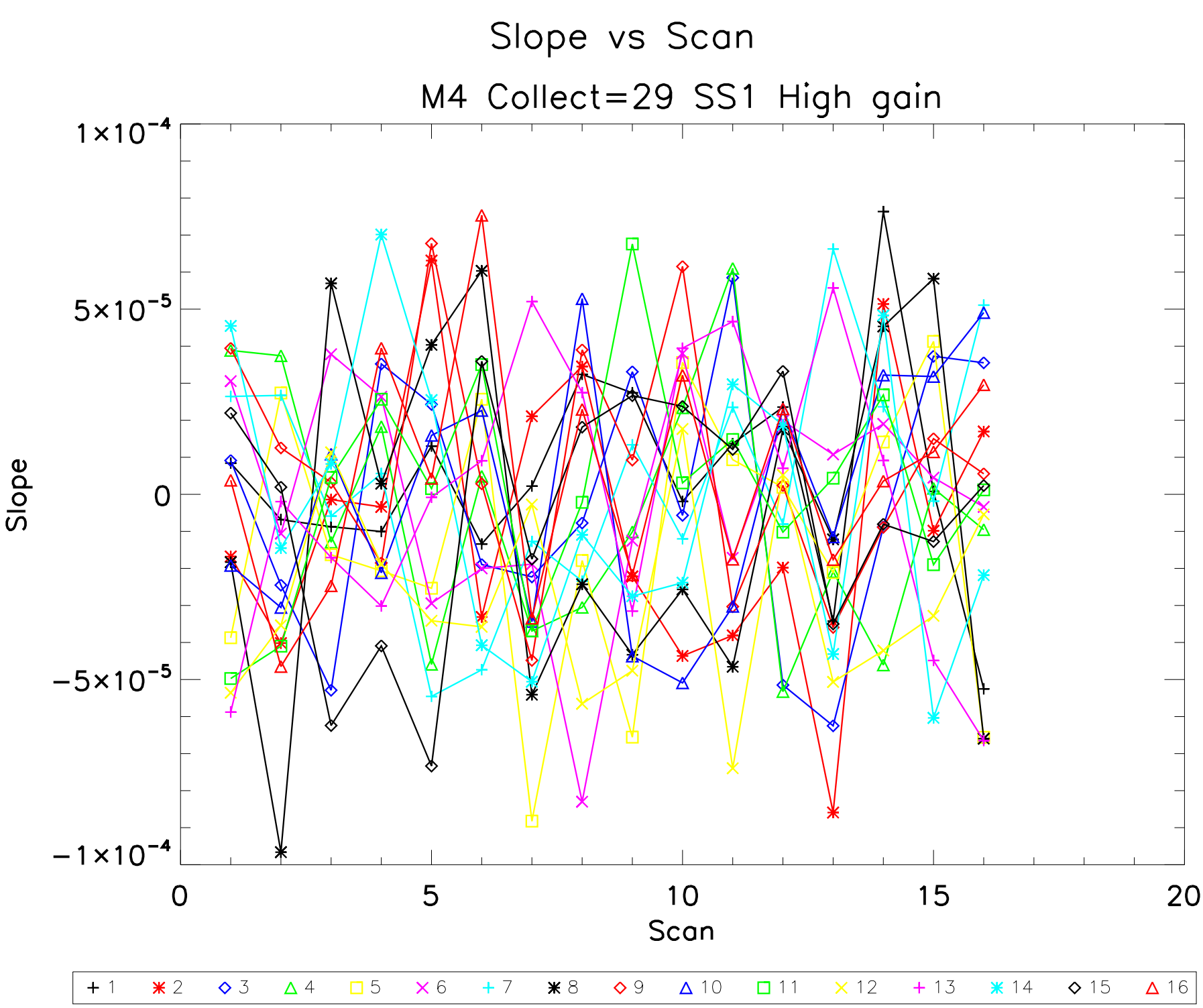
Slope vs Scan
M4 Collect=29 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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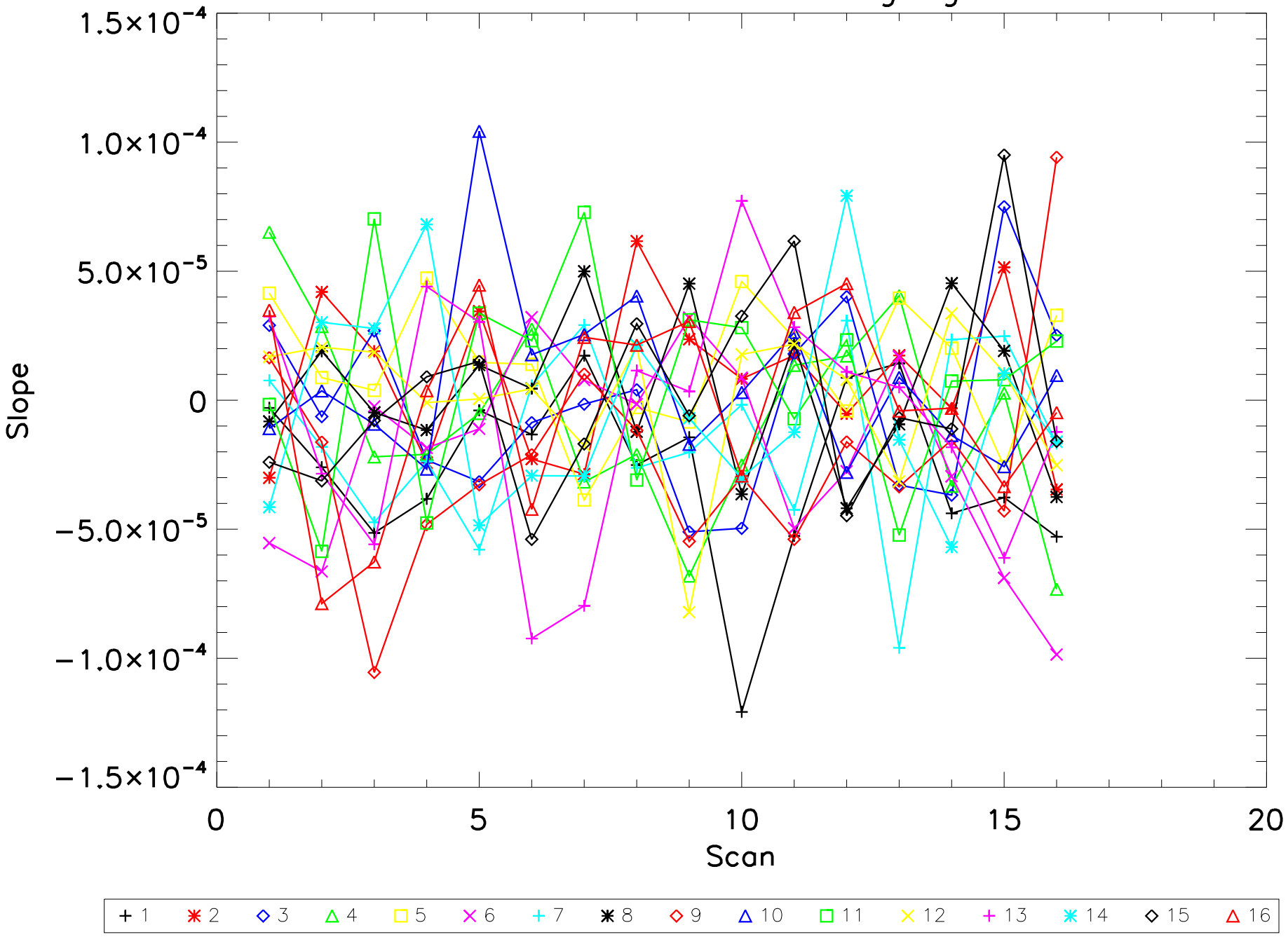
Slope vs Scan
M4 Collect=30 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
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Scan
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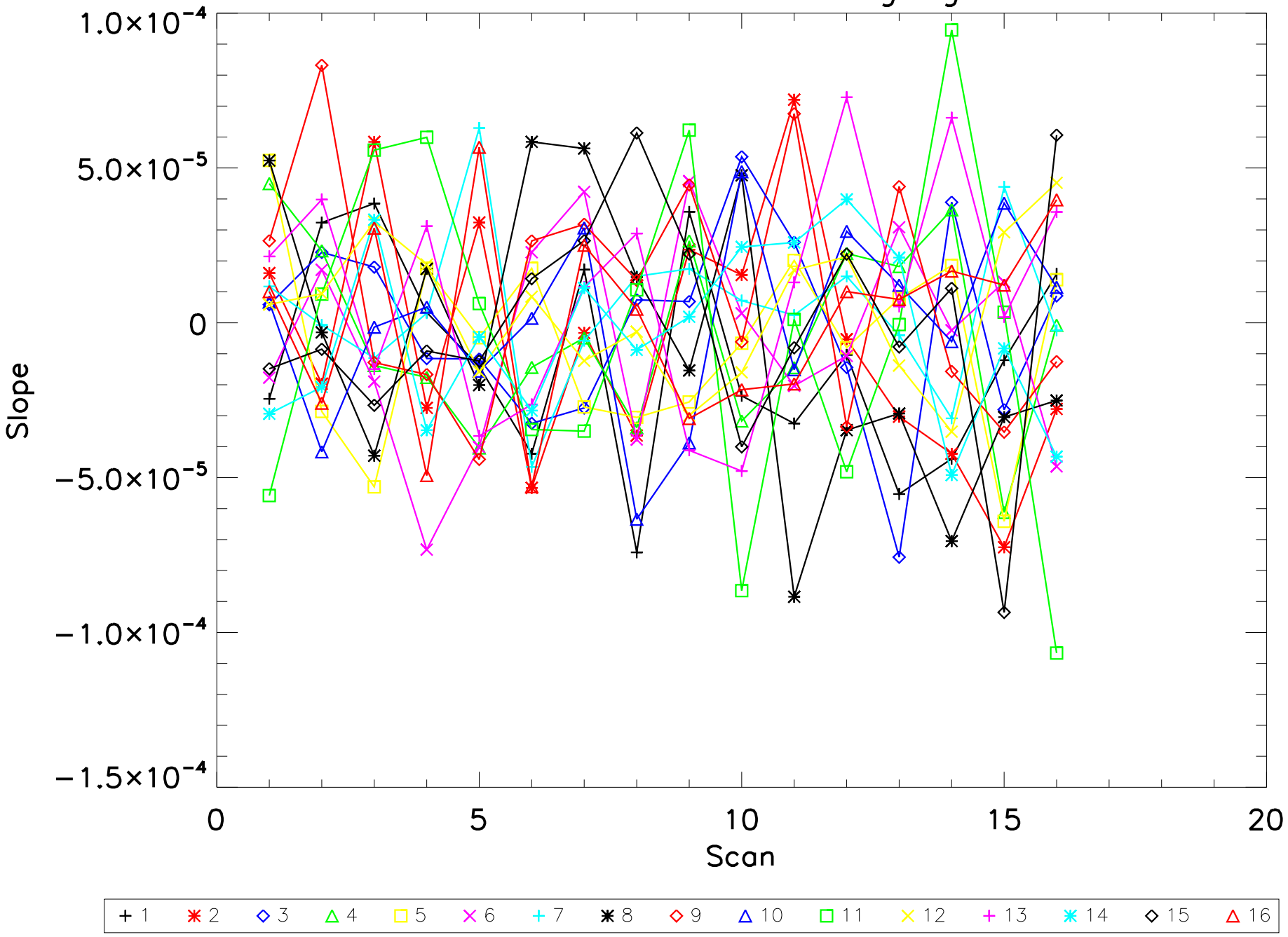
Slope vs Scan
M4 Collect=31 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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15
20
Scan
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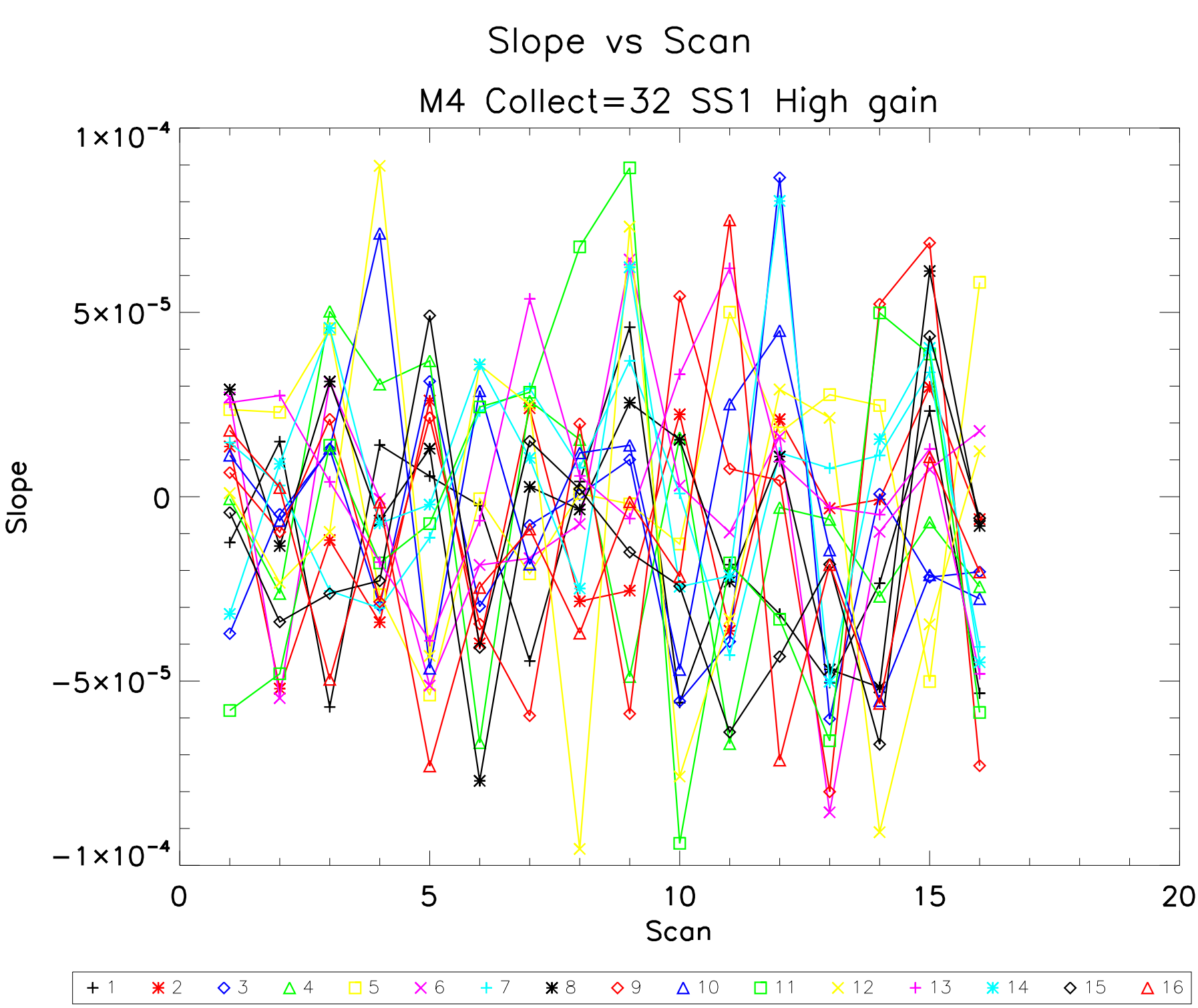
Slope vs Scan
M4 Collect=32 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
10
15
20
Scan
1
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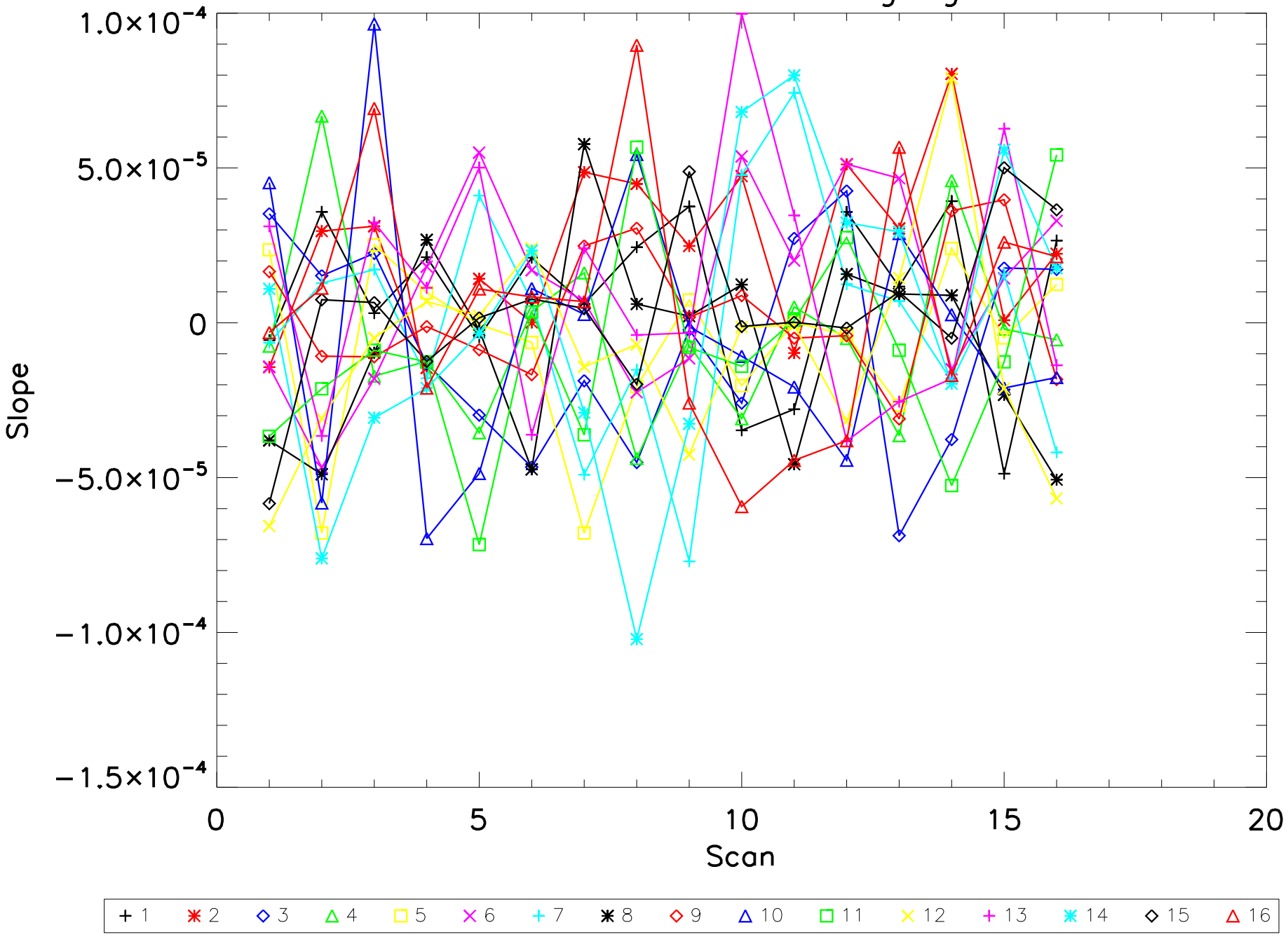
Slope vs Scan
M4 Collect=33 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
20
Scan
1
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11
12
13
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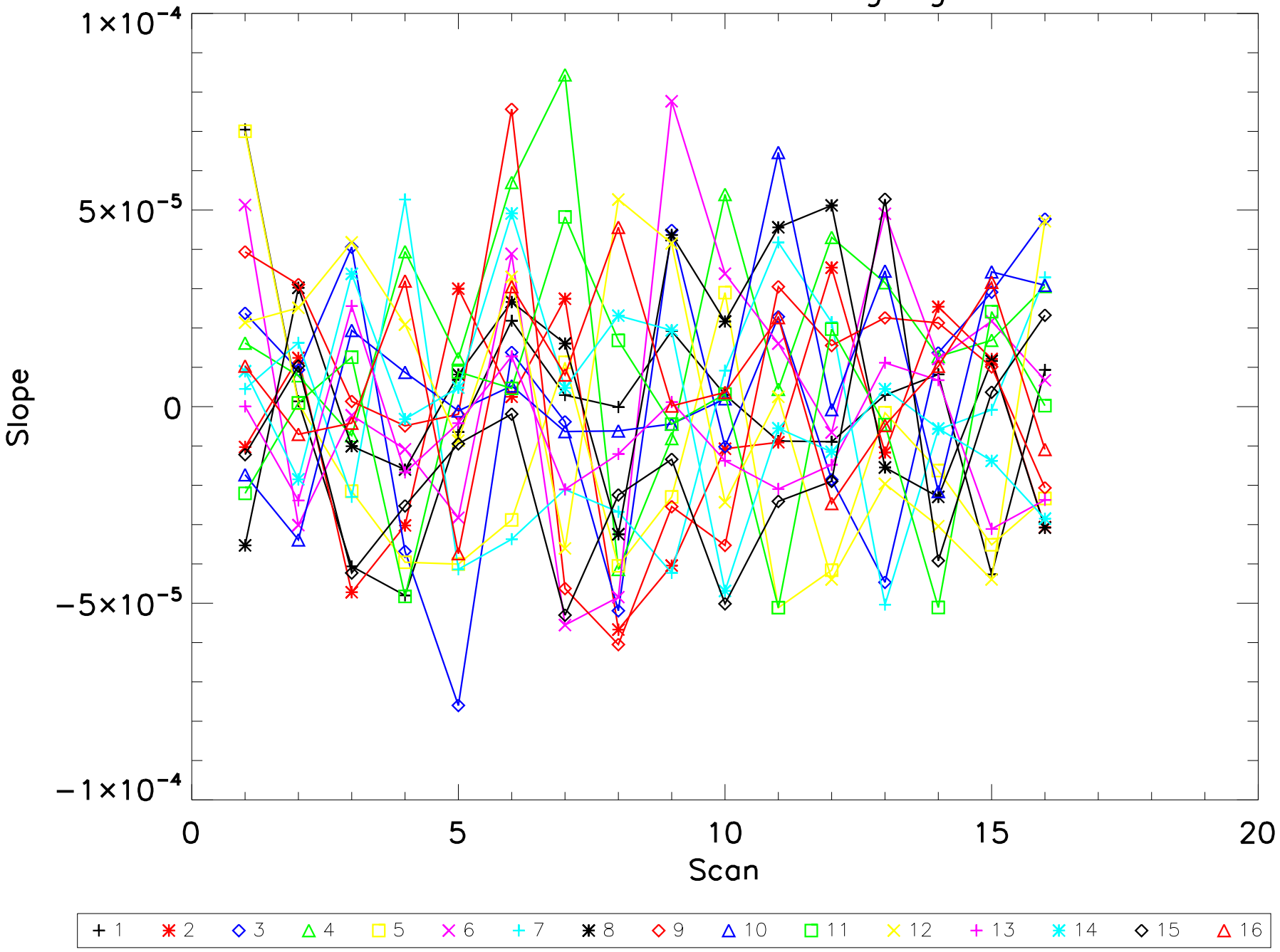
16


Slope vs Scan
M4 Collect=34 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
10
15
20
Scan
1
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4
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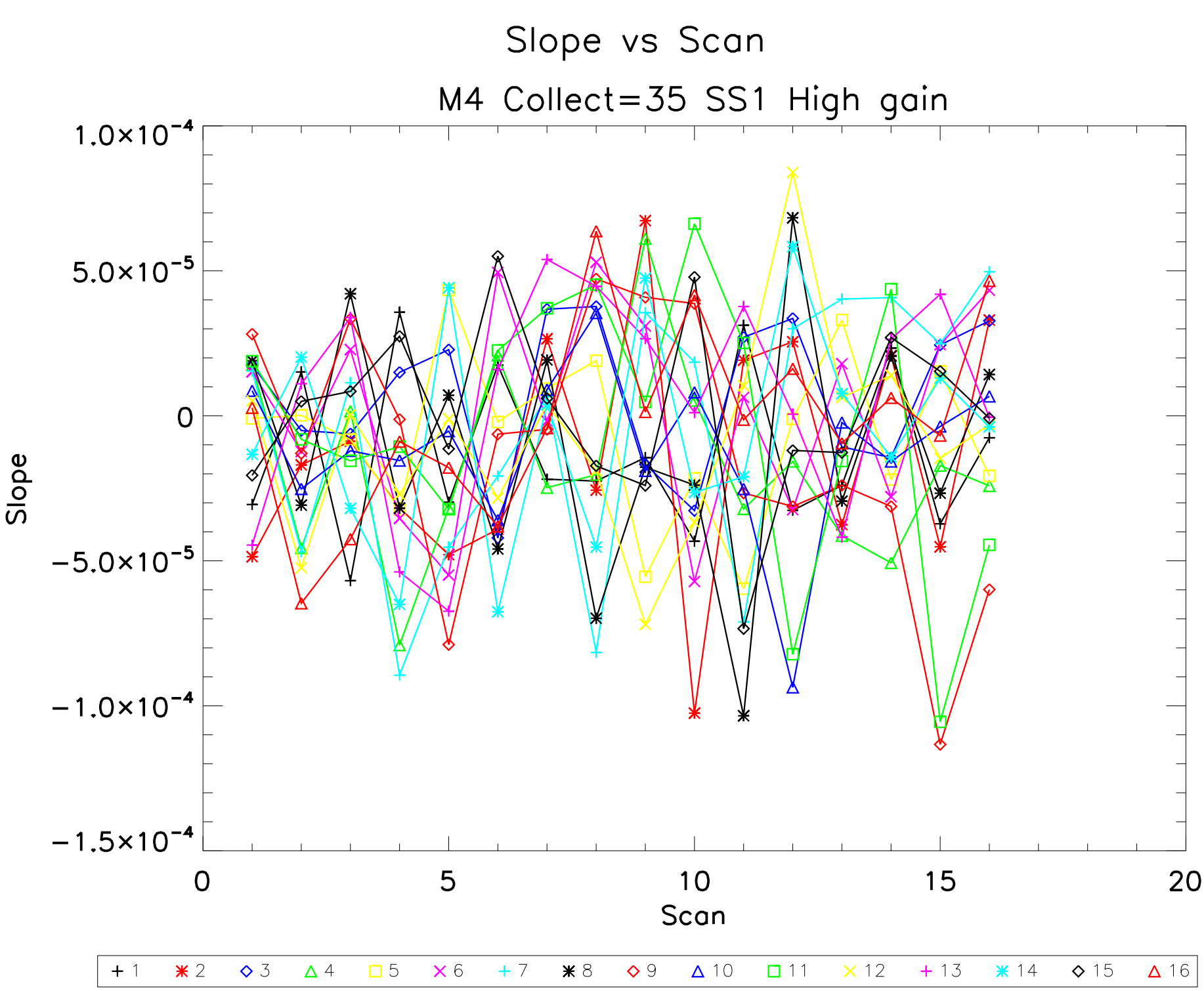
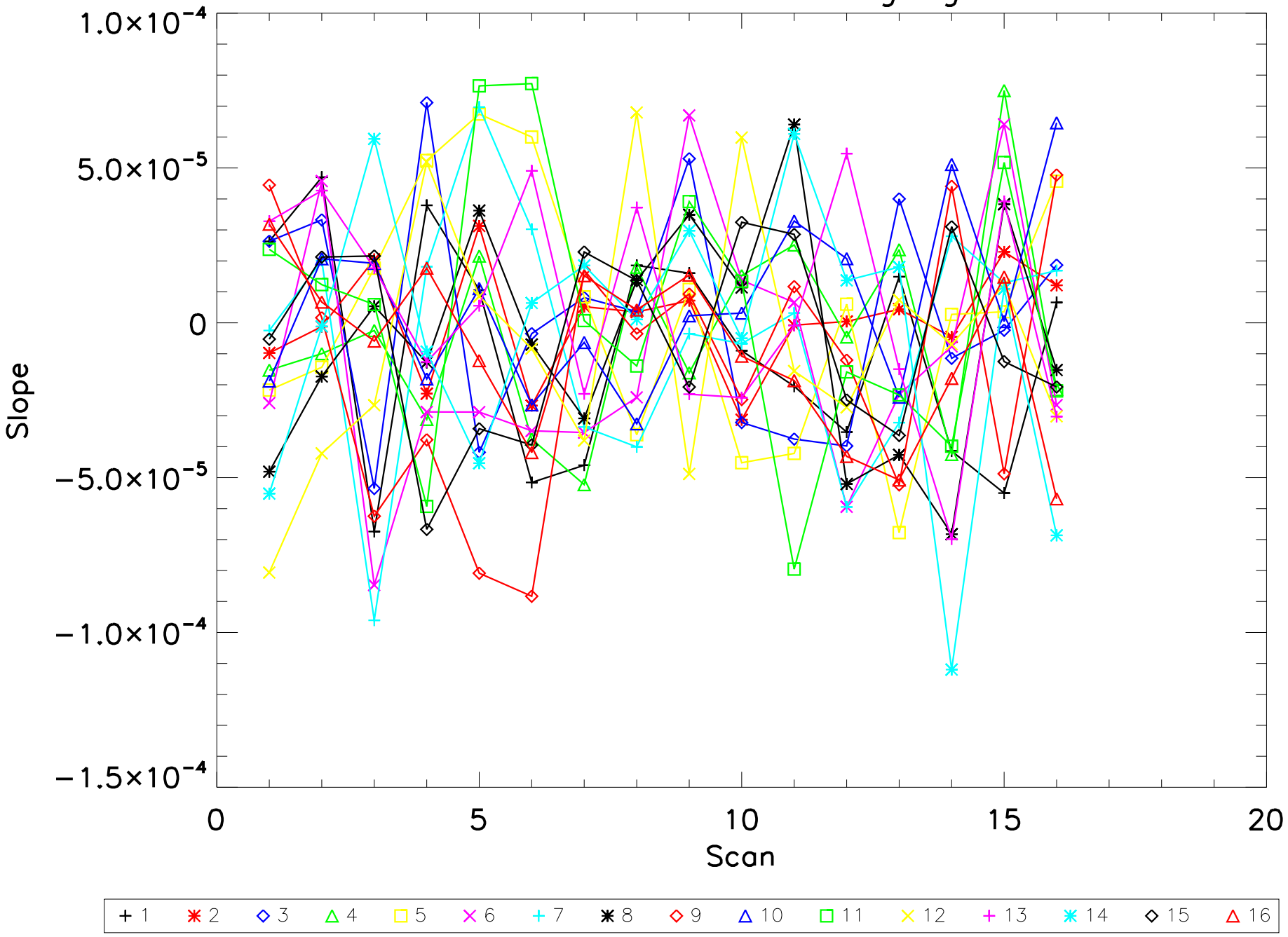

Slope vs Scan
M4 Collect=35 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=36 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1
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4
5
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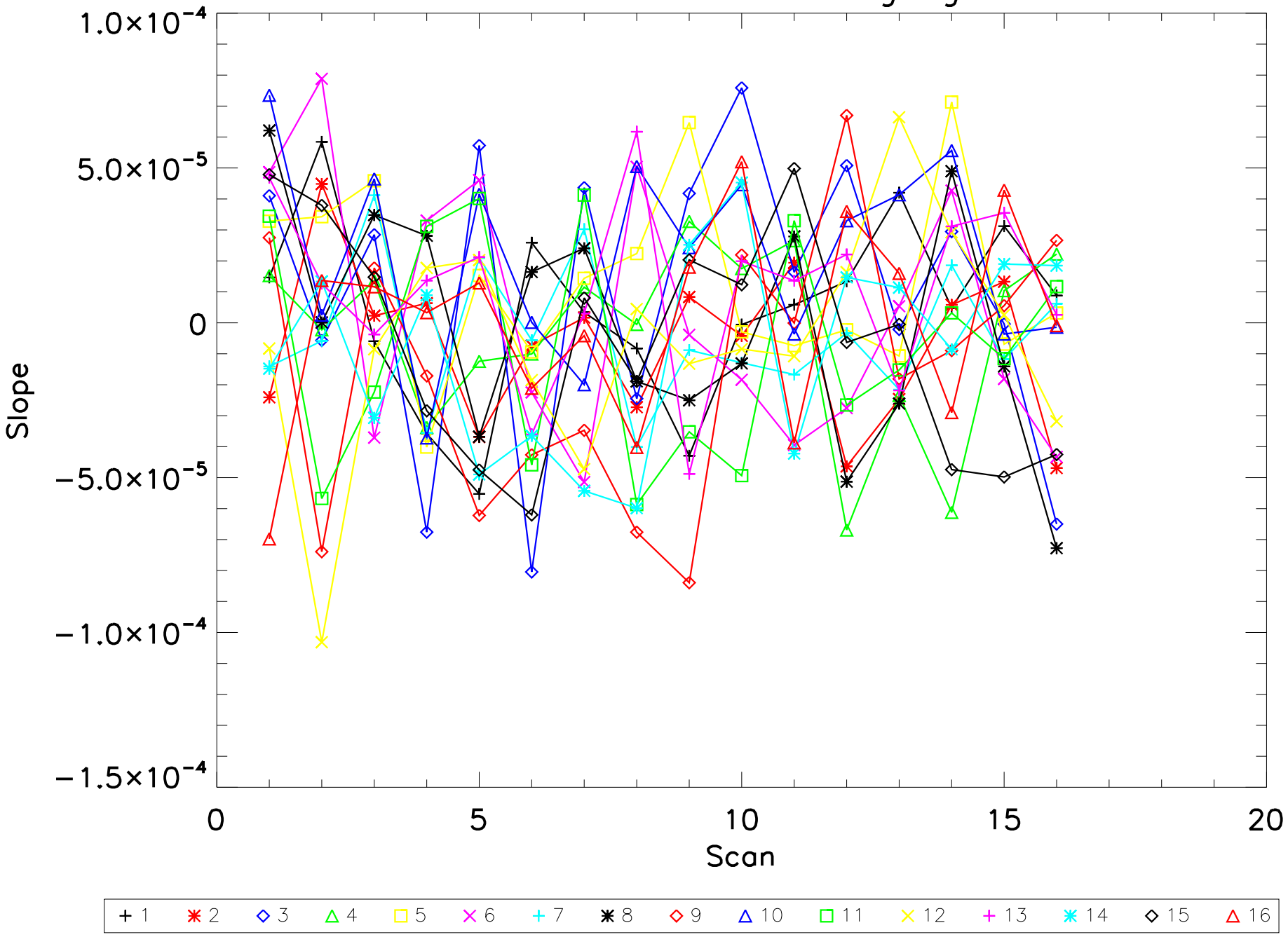
Slope vs Scan
M4 Collect=37 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
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15
20
Scan
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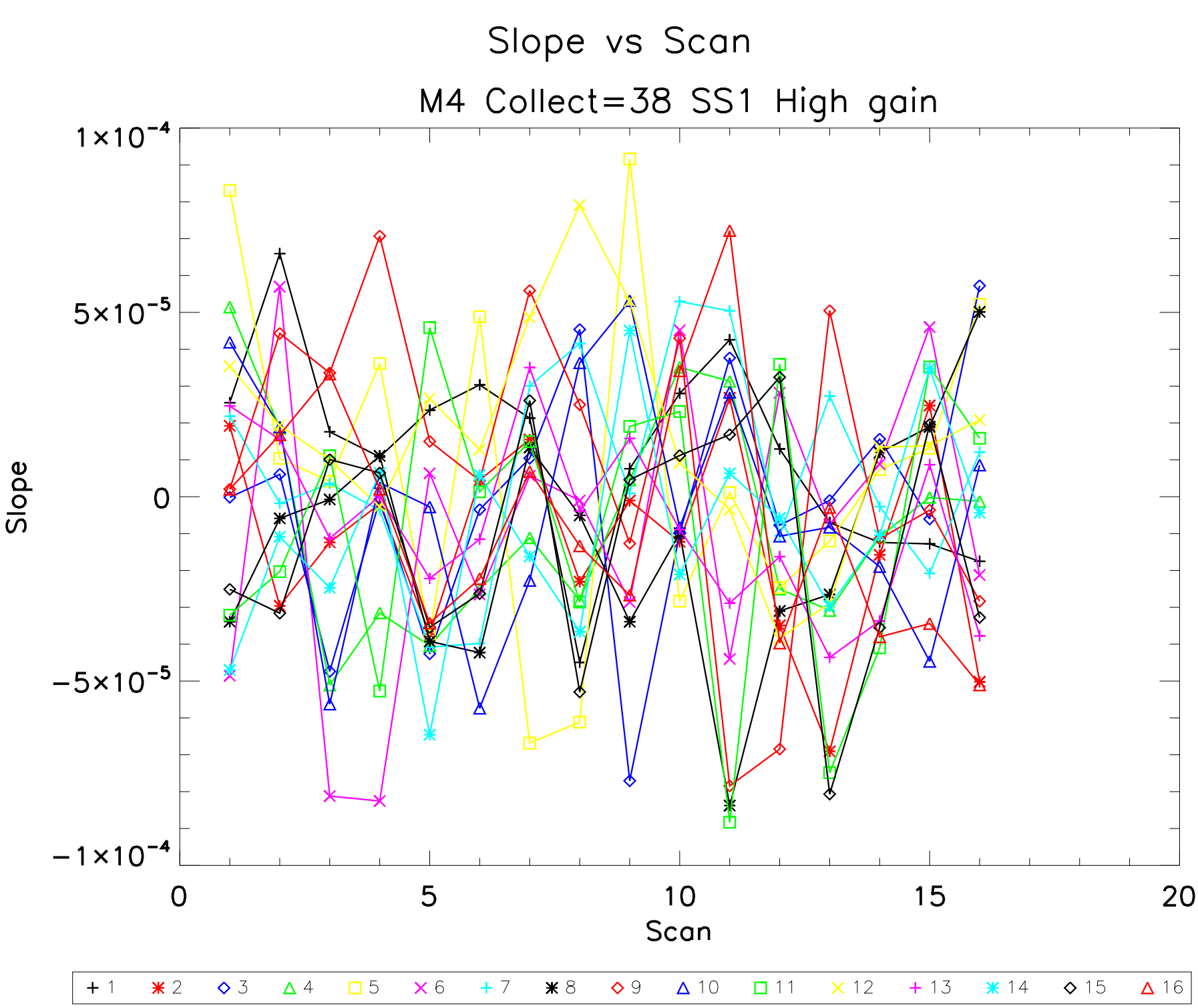
Slope vs Scan
M4 Collect=38 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
10
15
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Scan
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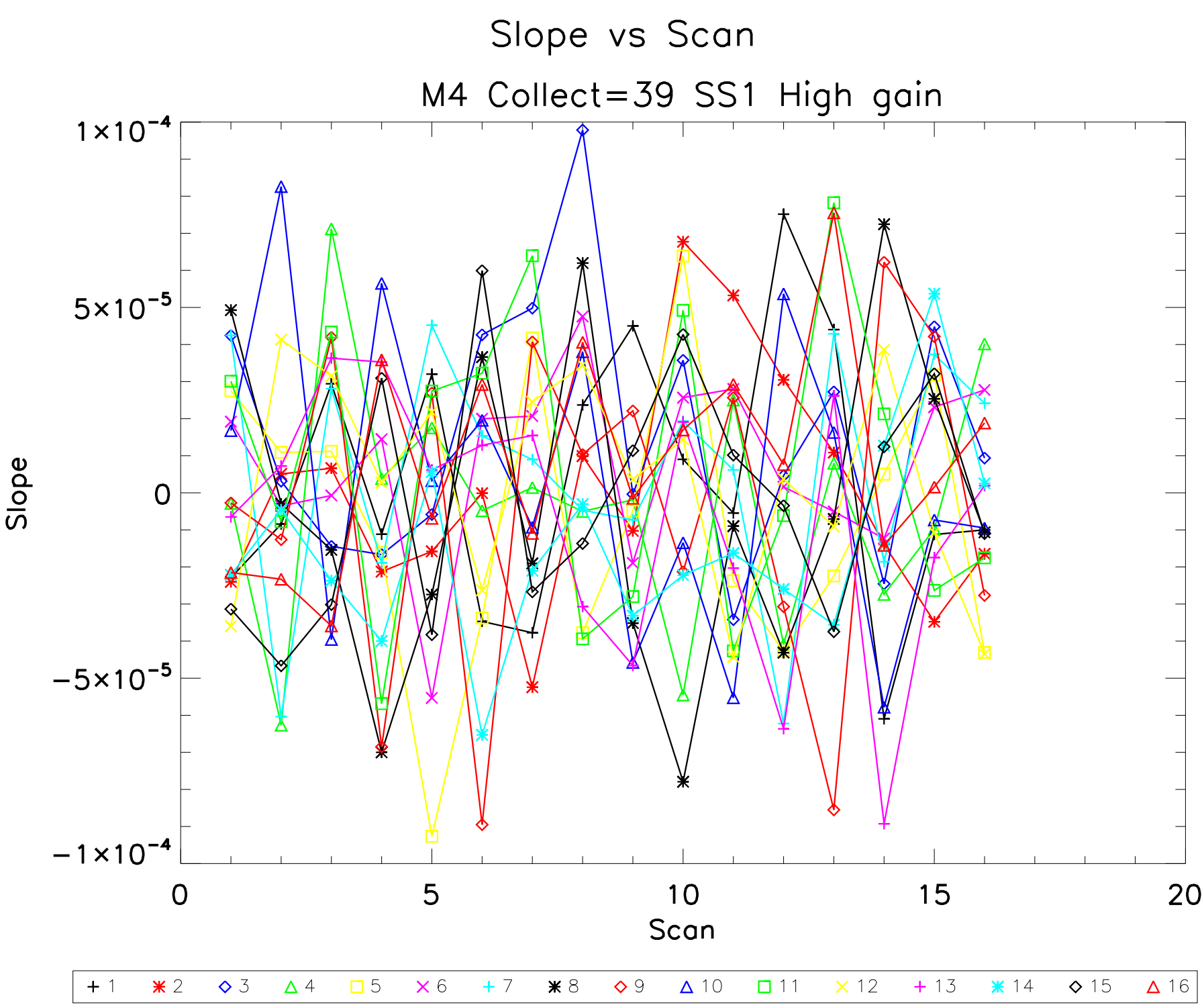
Slope vs Scan
M4 Collect=39 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
5
10
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Scan
1
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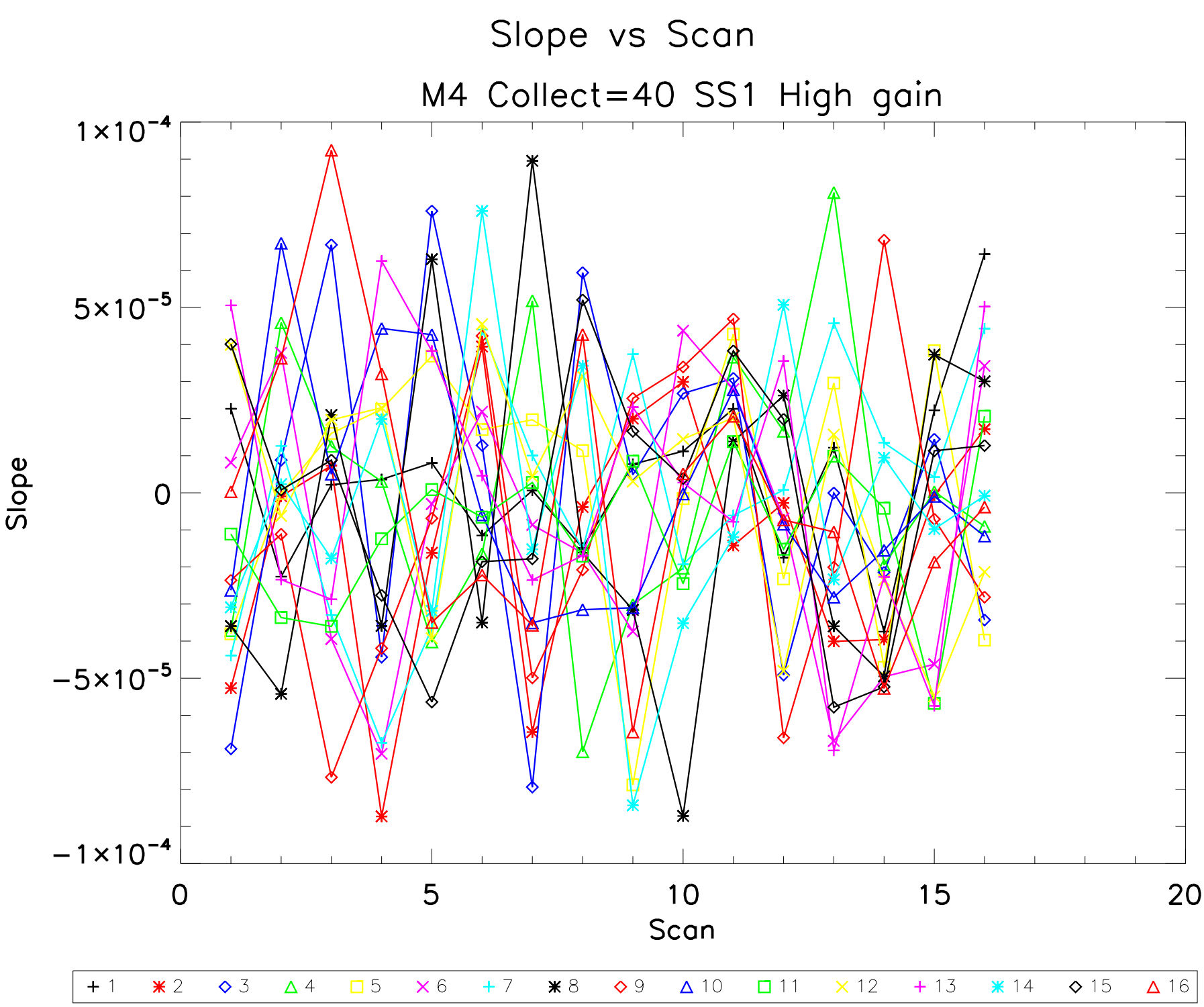
Slope vs Scan
M4 Collect=40 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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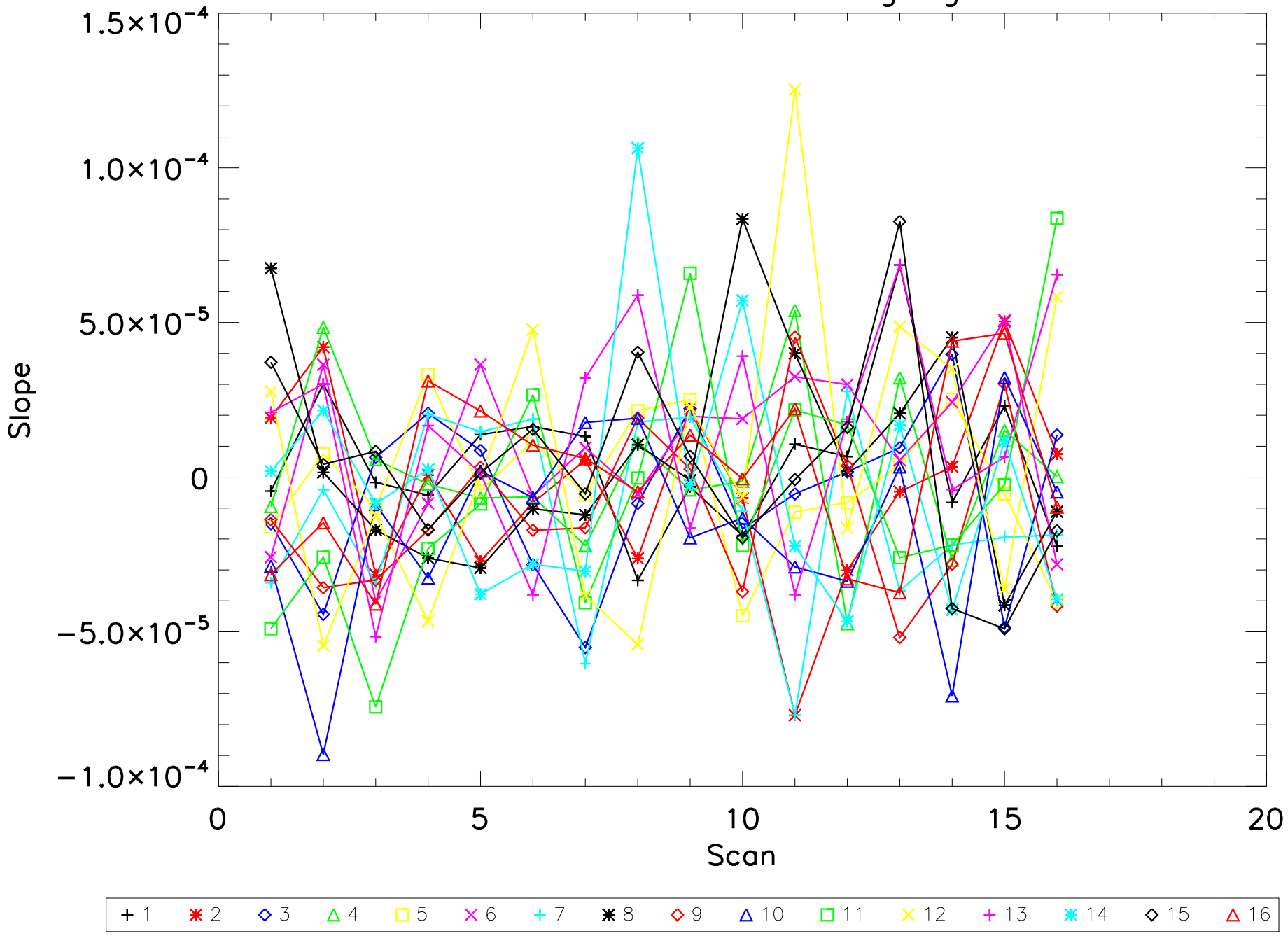
Slope vs Scan
M4 Collect=41 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
5
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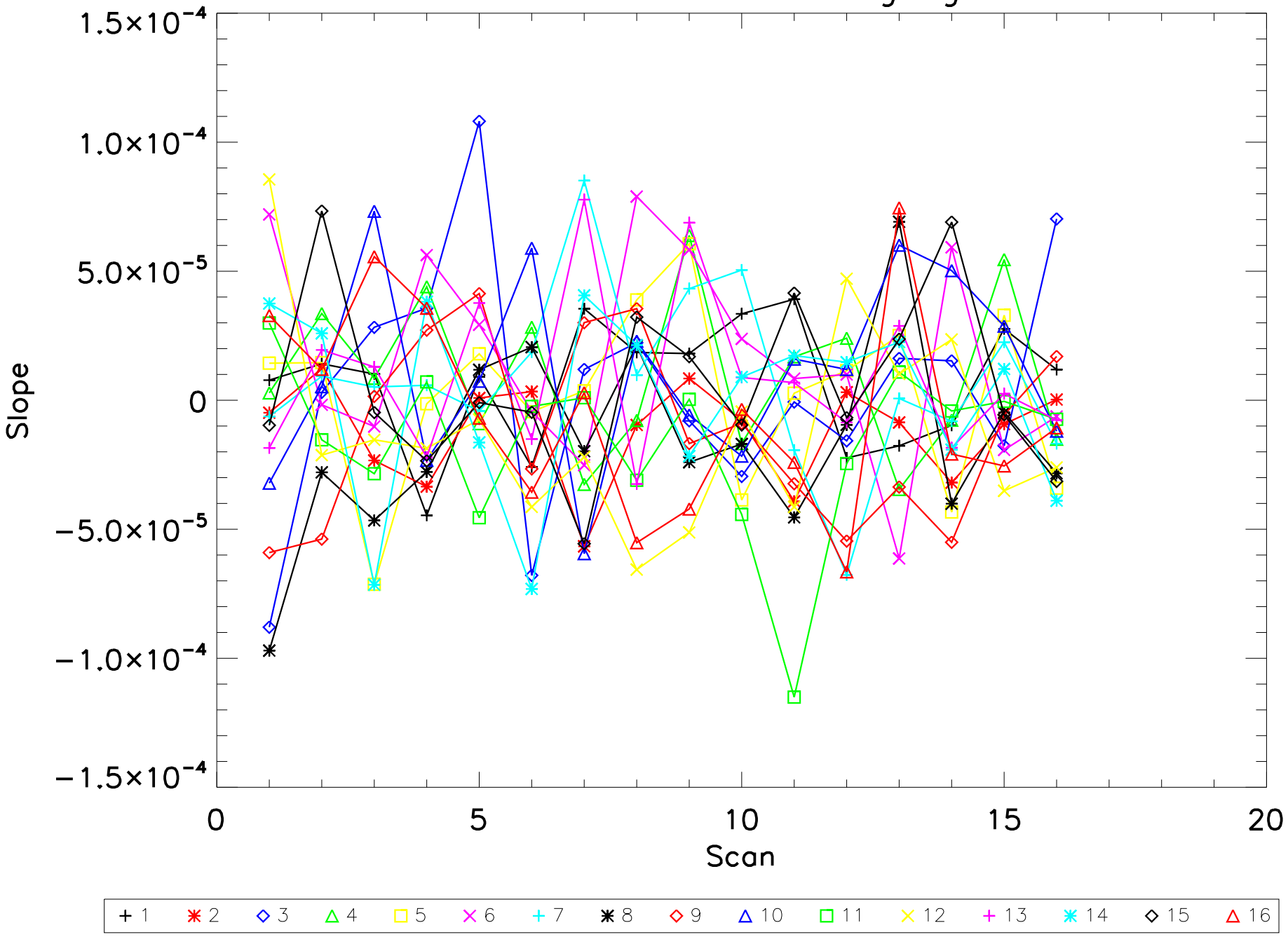
Slope vs Scan
M4 Collect=42 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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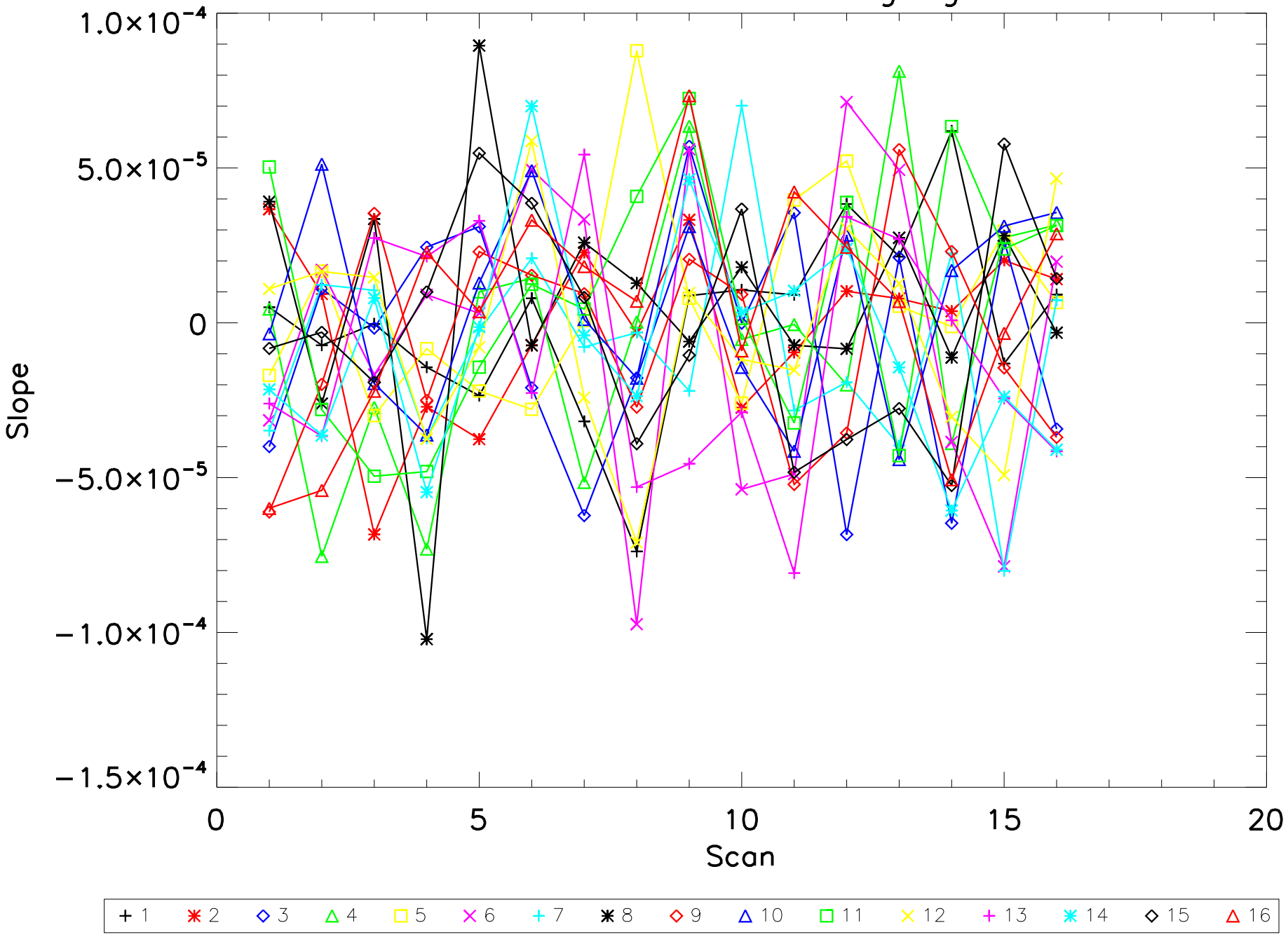
Slope vs Scan
M4 Collect=43 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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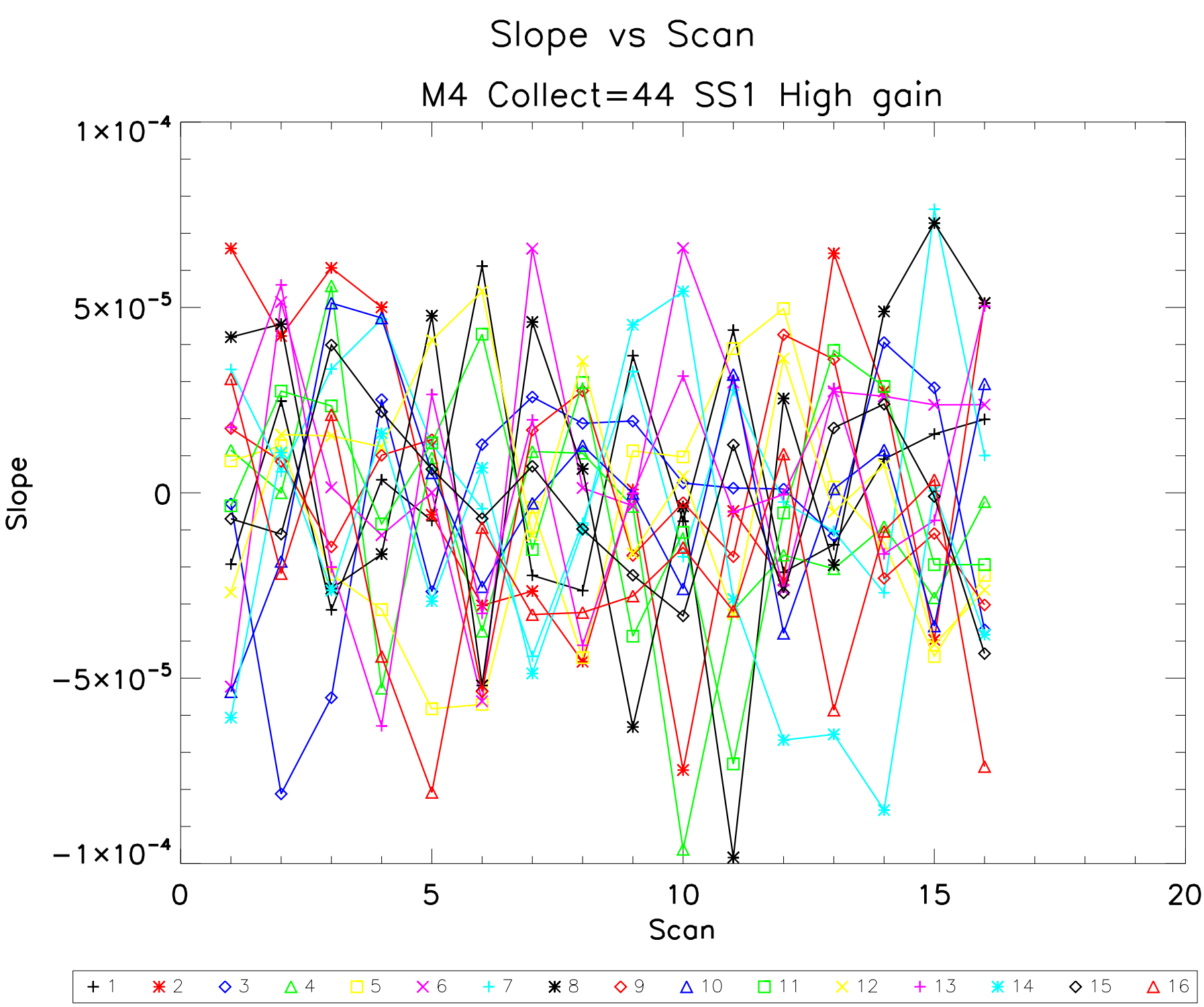
Slope vs Scan
M4 Collect=44 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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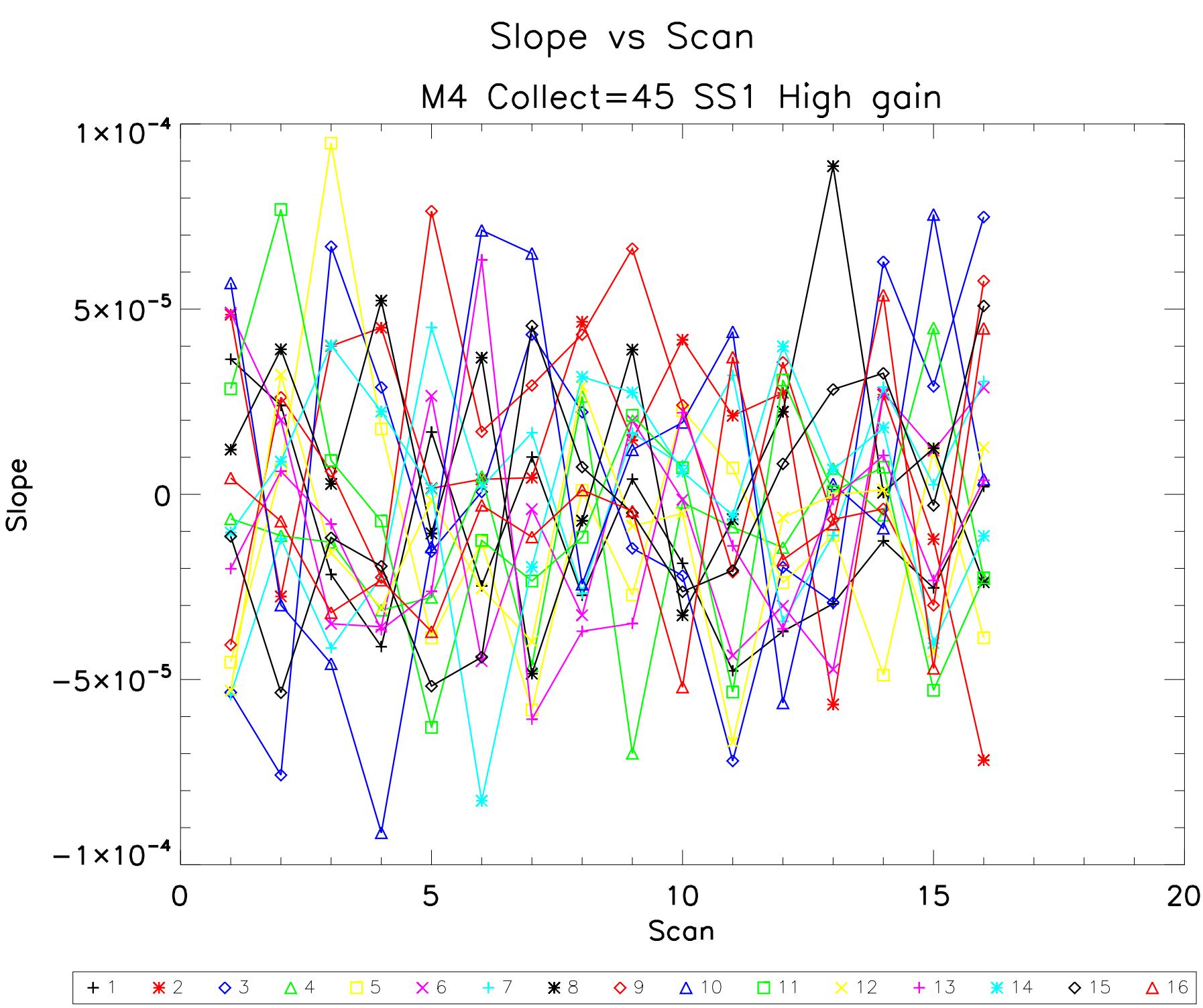
Slope vs Scan
M4 Collect=45 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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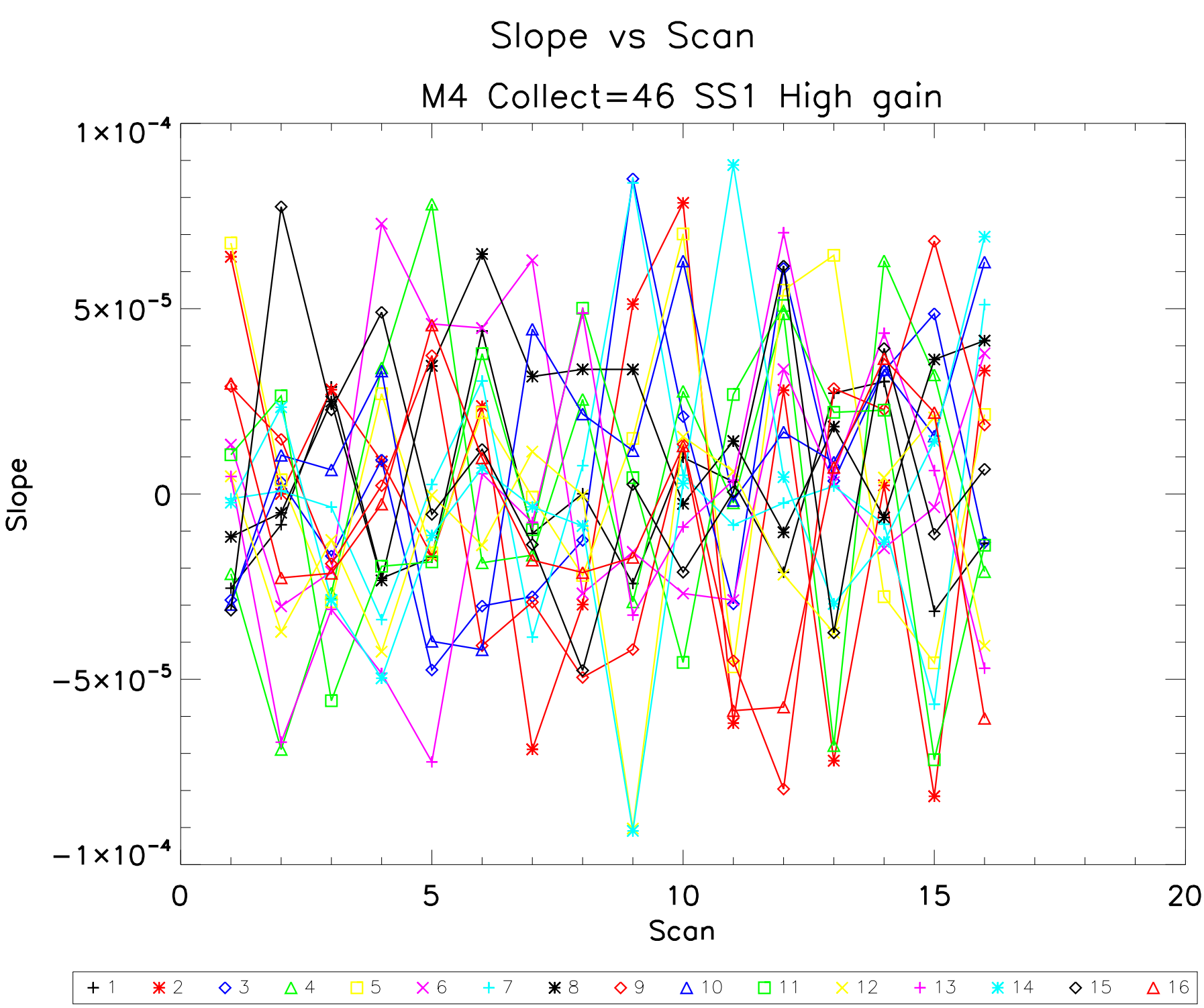
Slope vs Scan
M4 Collect=46 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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Scan
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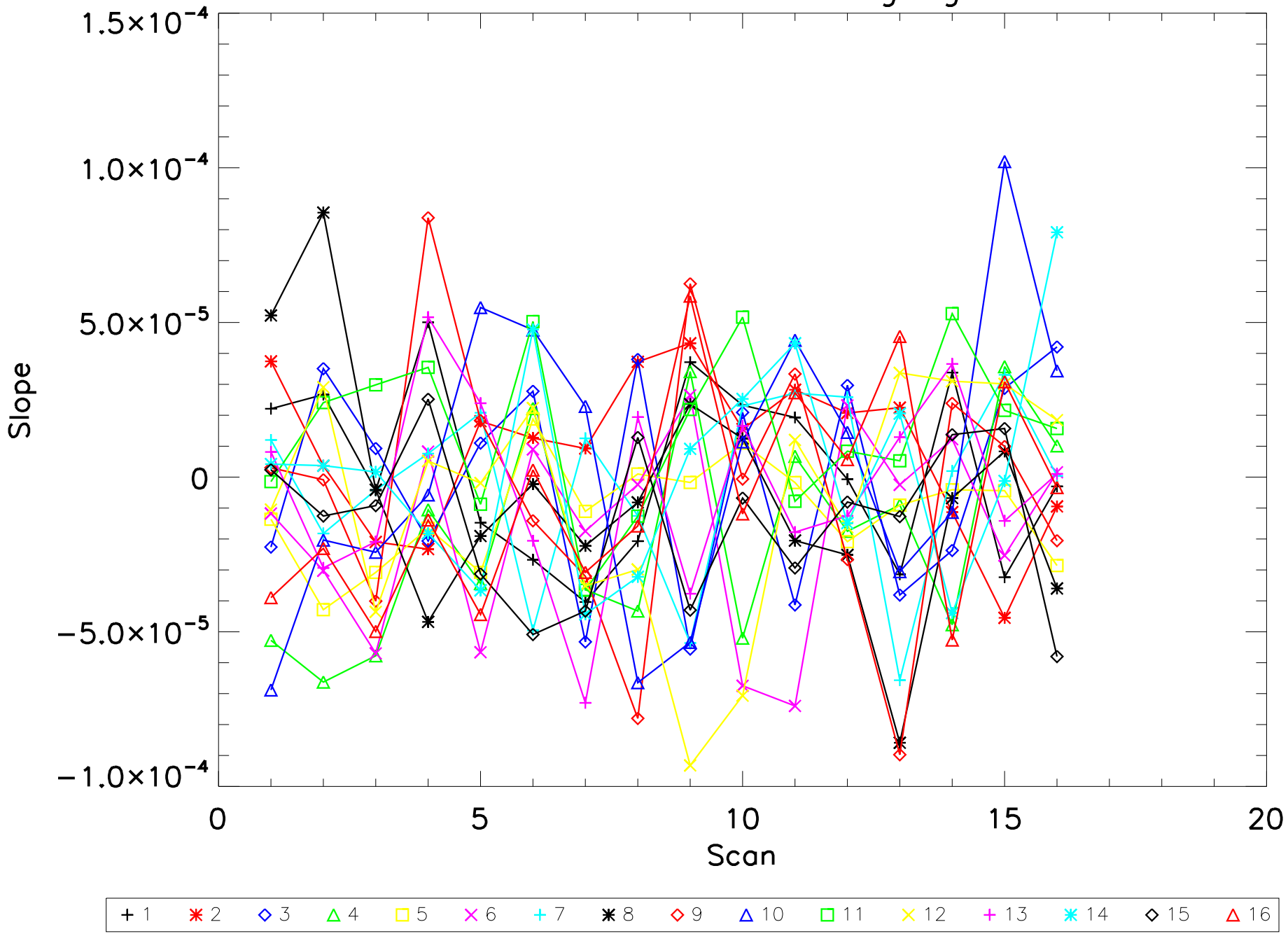
Slope vs Scan
M4 Collect=47 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
5
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Scan
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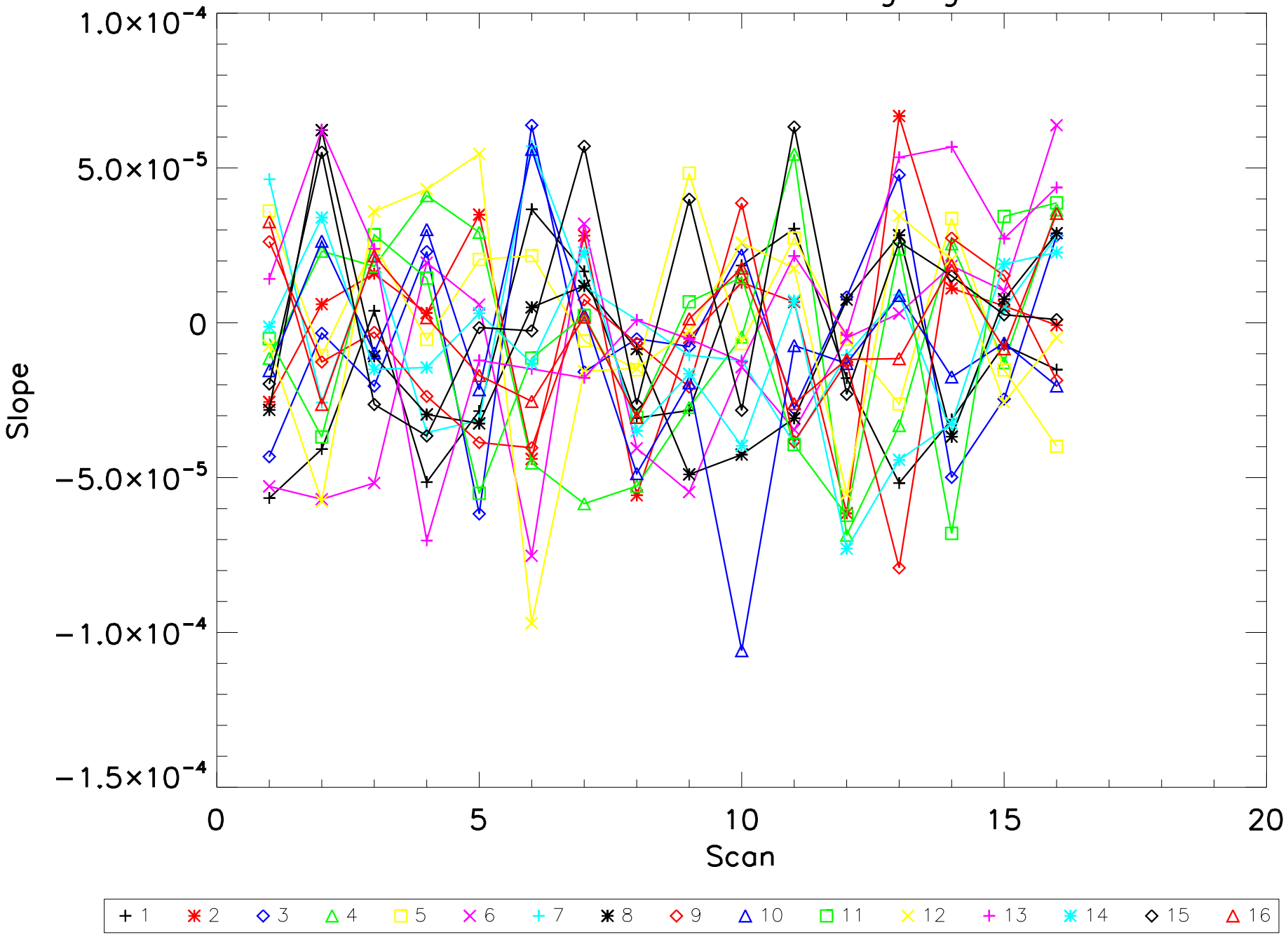
Slope vs Scan
M4 Collect=48 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
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Scan
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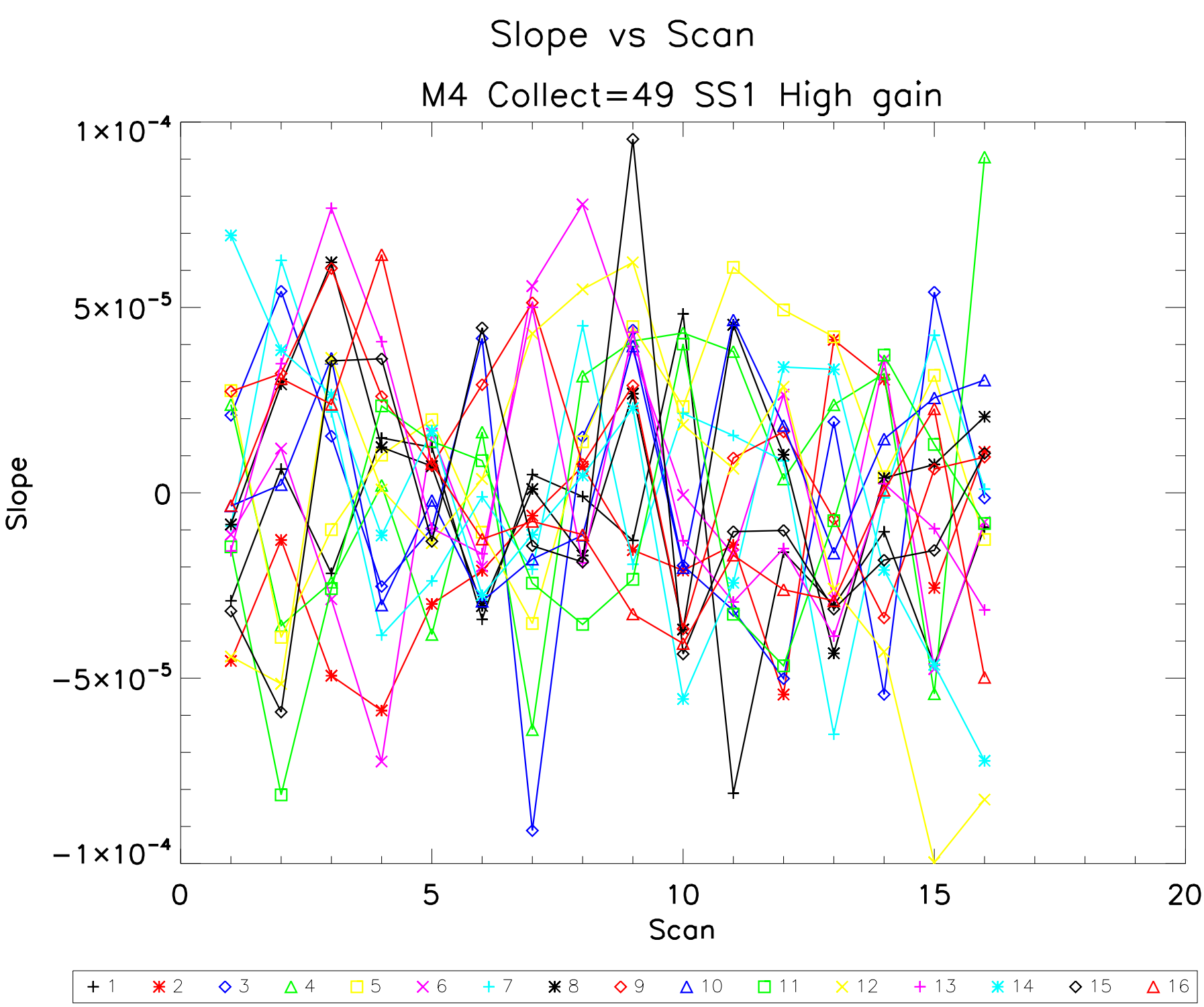
Slope vs Scan
M4 Collect=49 SS1 High gain
Slope
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0
5
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Scan
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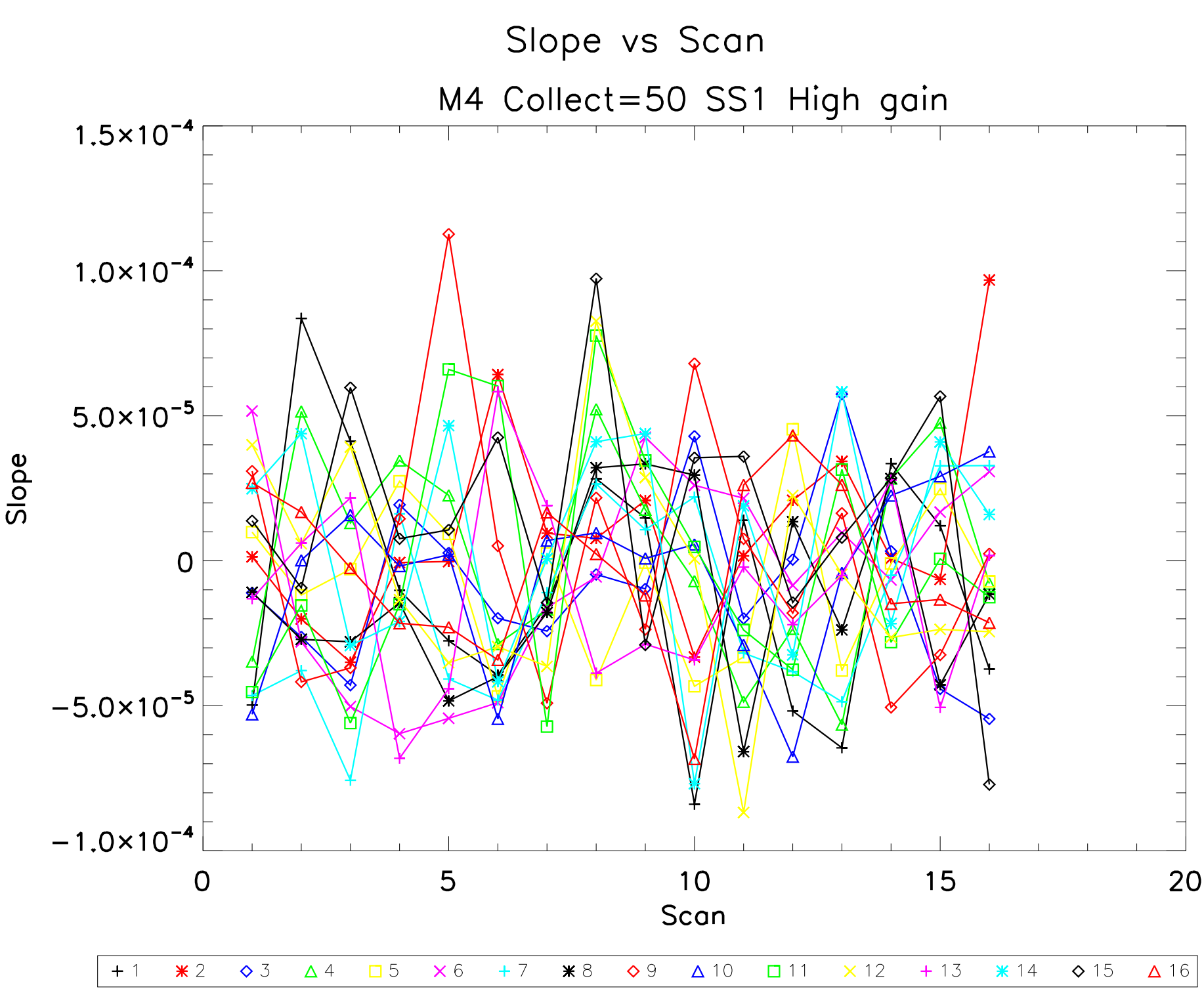
Slope vs Scan
M4 Collect=50 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
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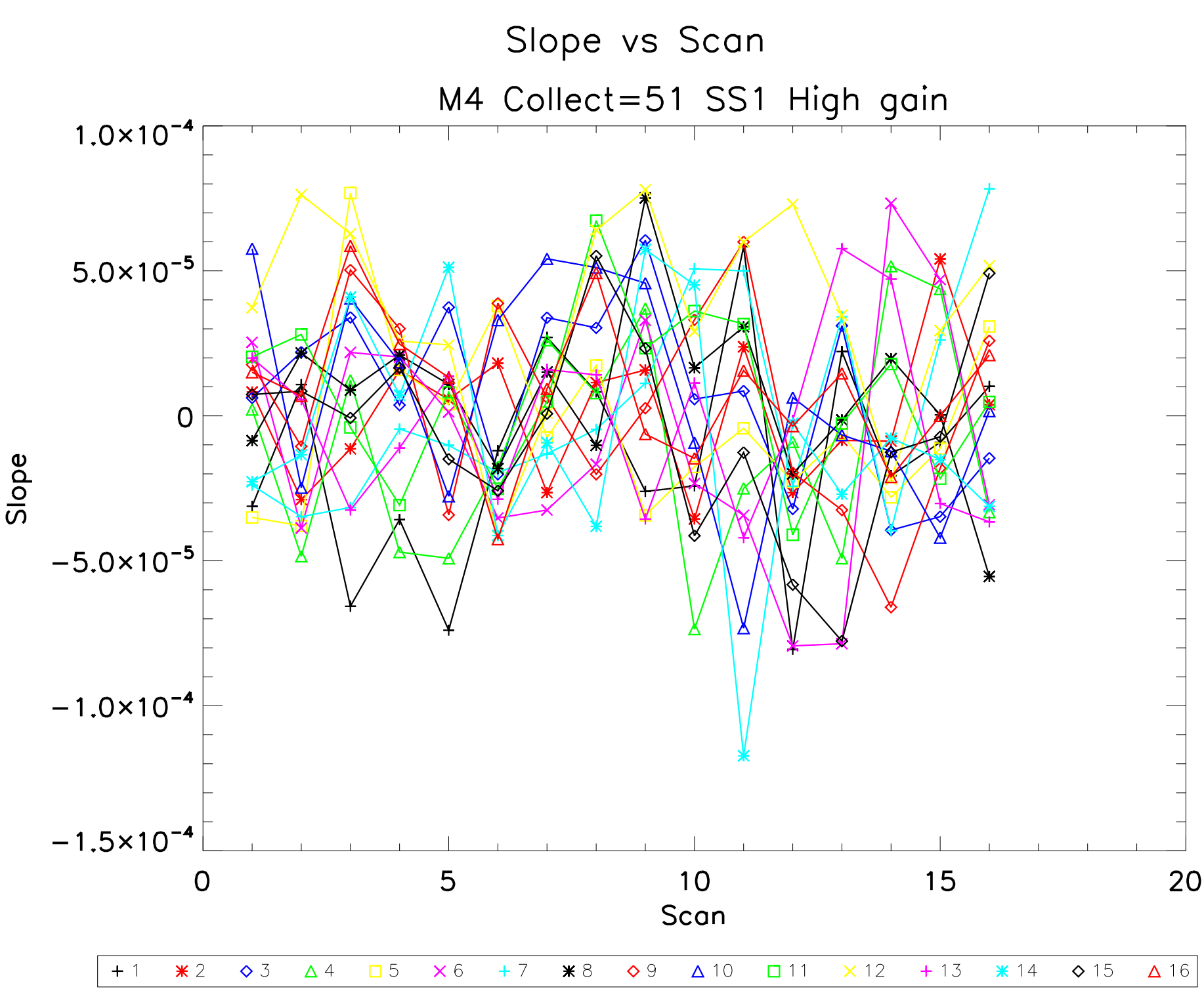
Slope vs Scan
M4 Collect=51 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
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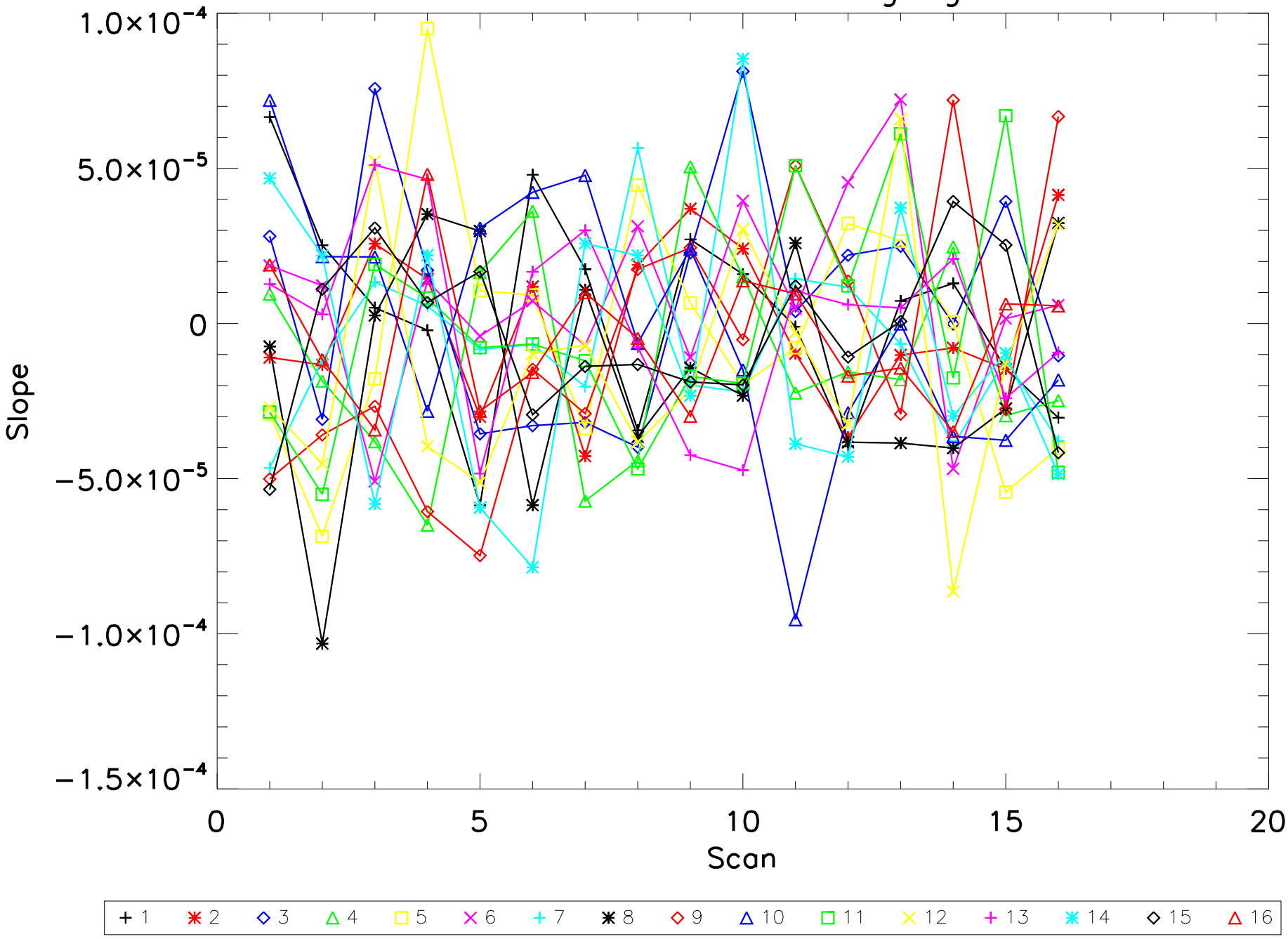
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=52 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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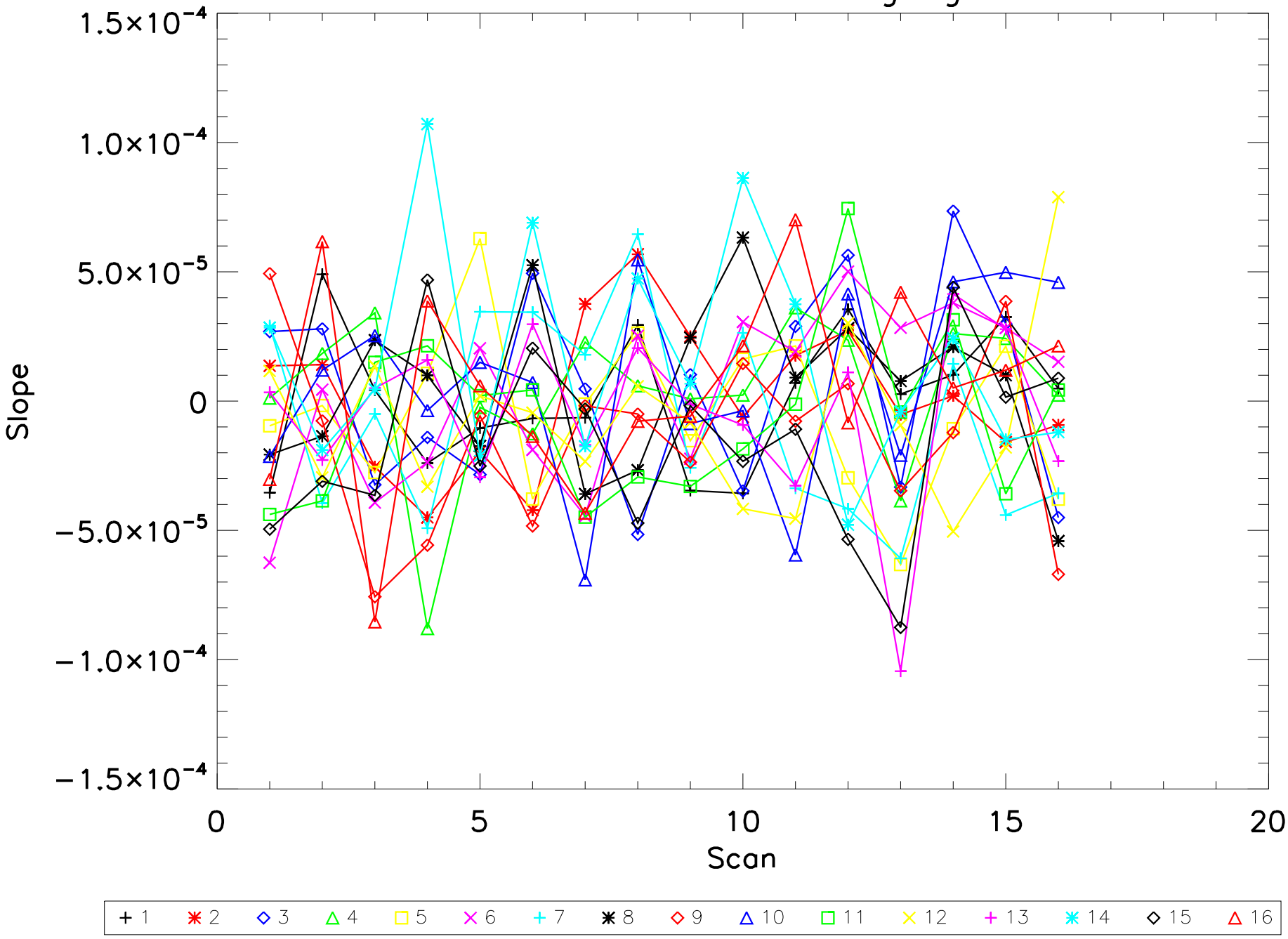
Slope vs Scan
M4 Collect=53 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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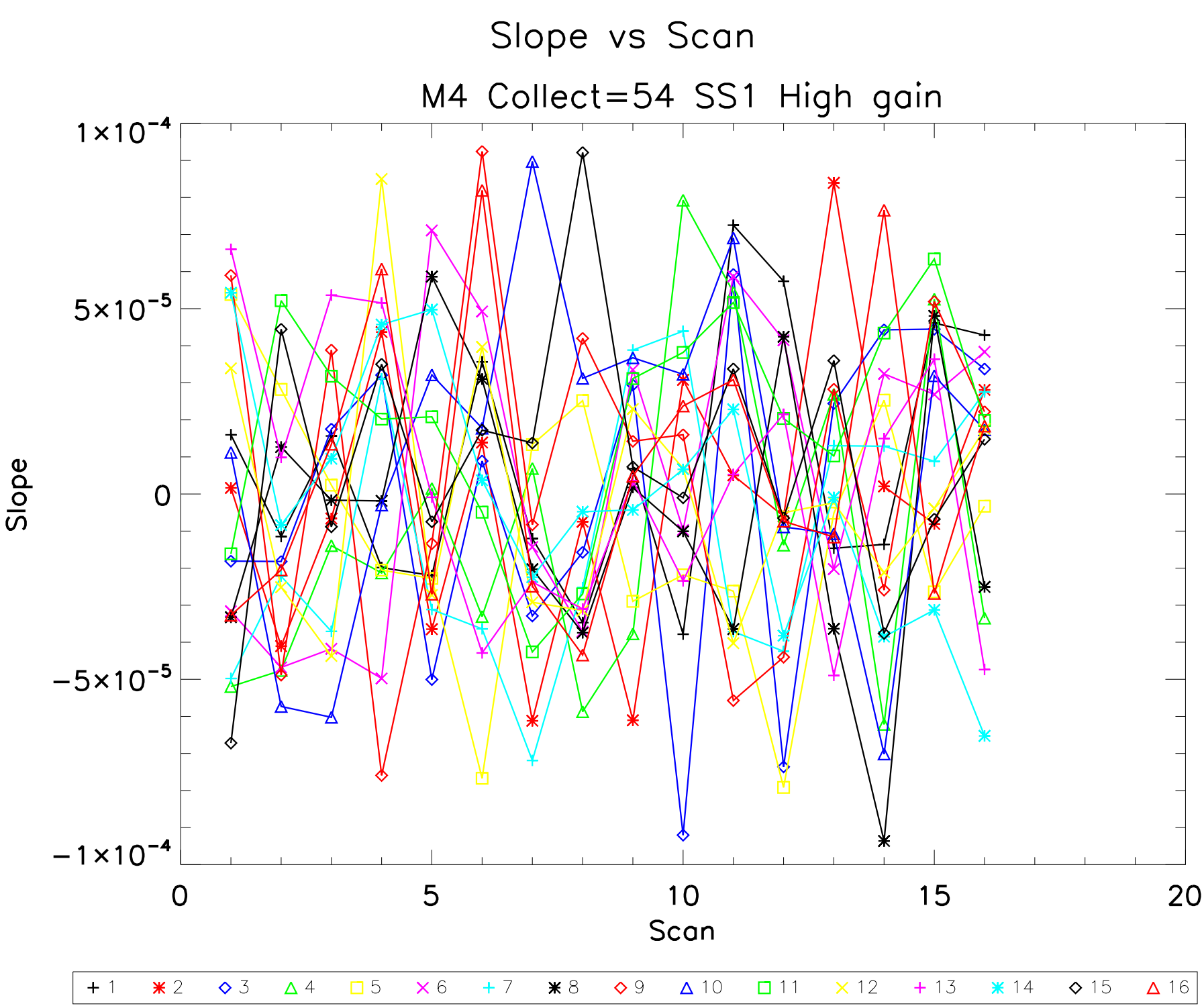
Slope vs Scan
M4 Collect=54 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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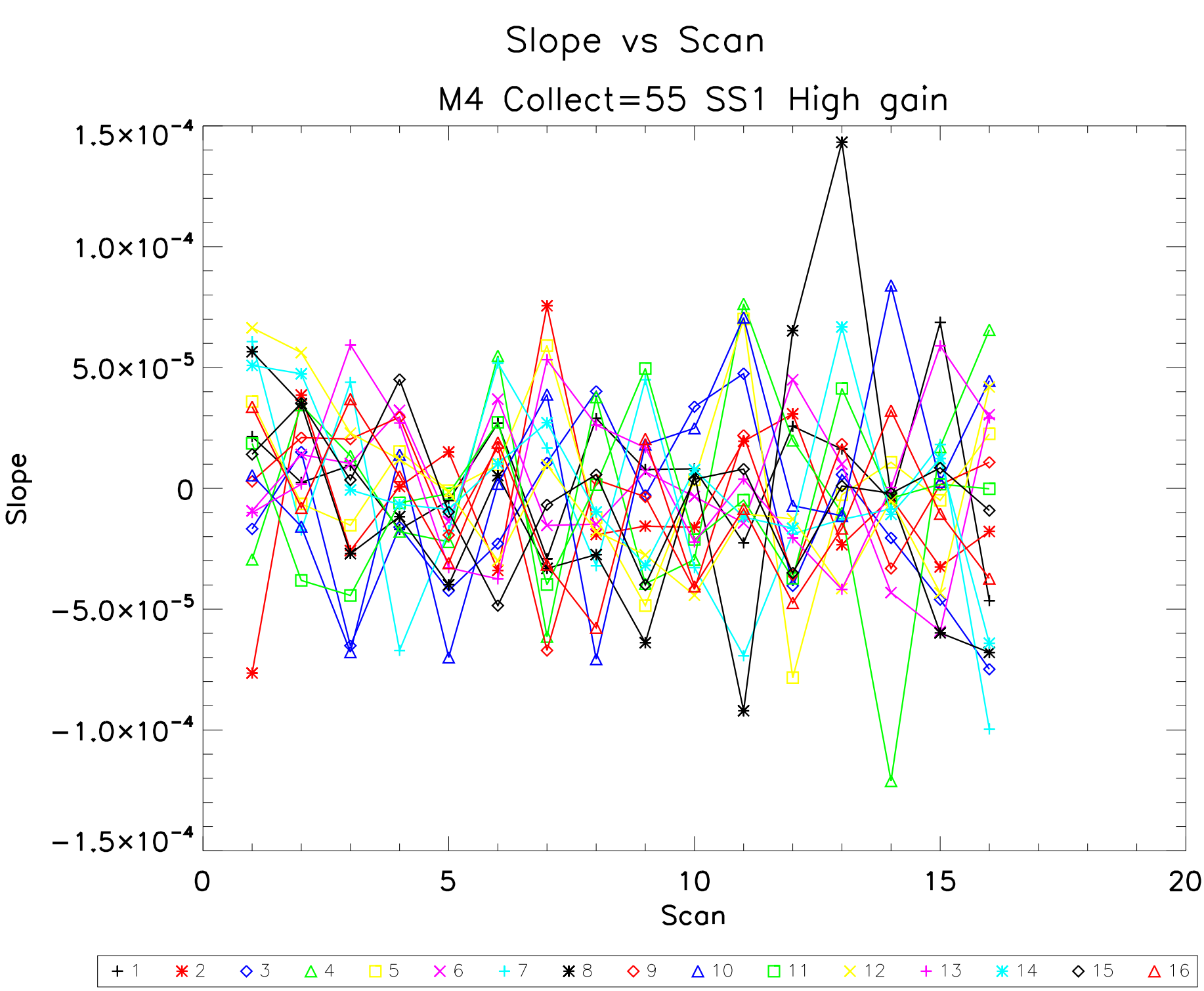
Slope vs Scan
M4 Collect=55 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
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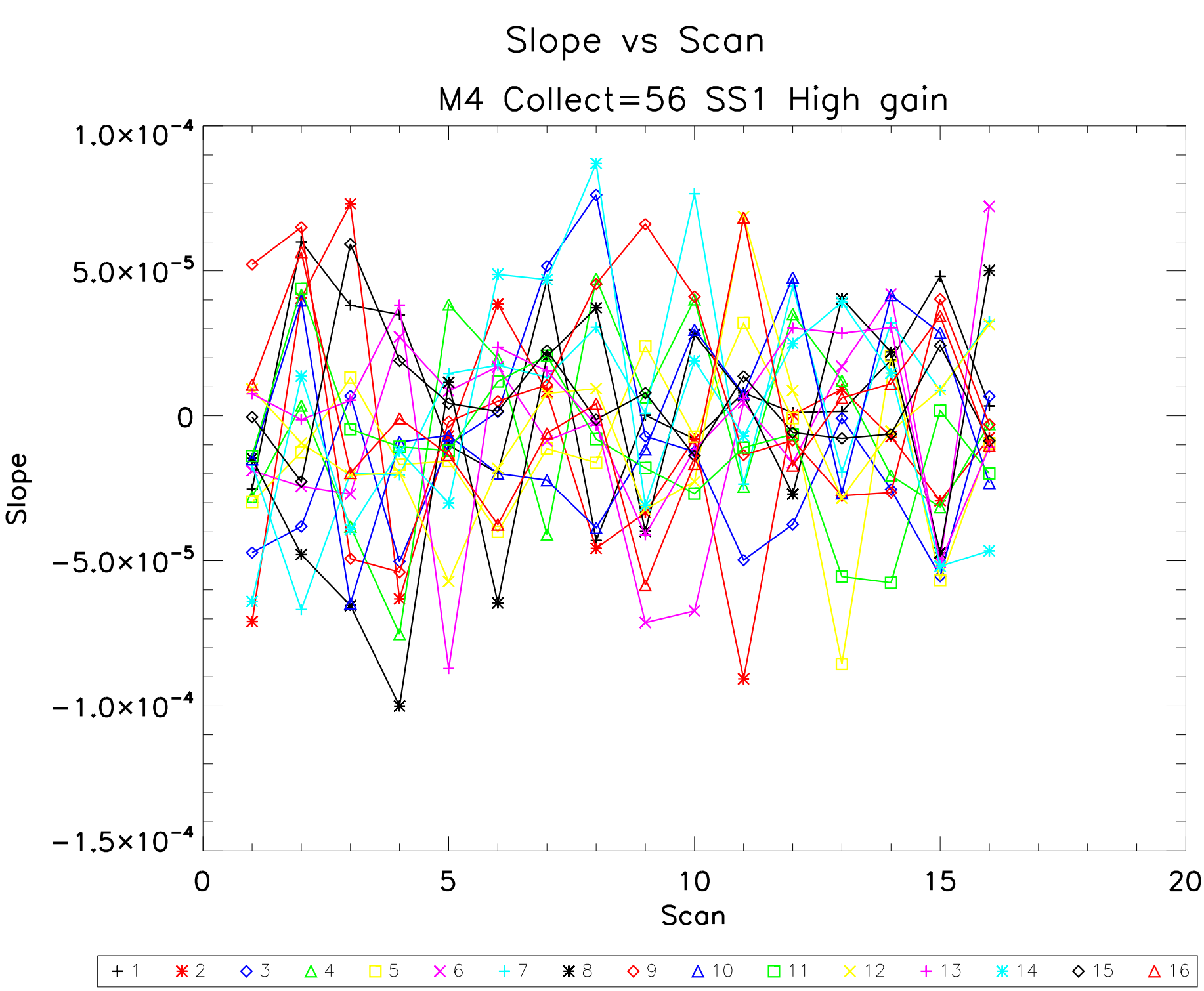
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=56 SS1 High gain
Slope
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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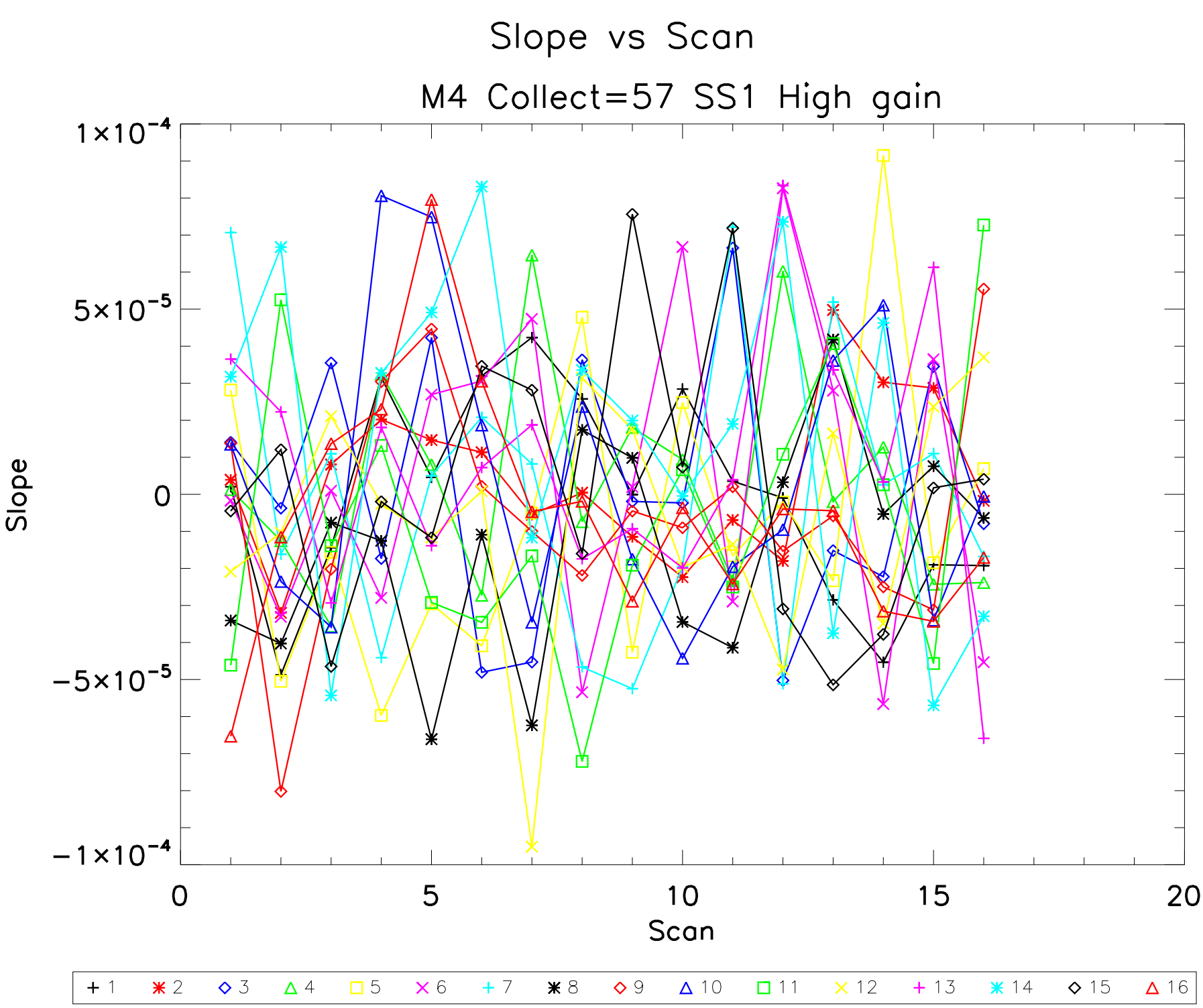
Slope vs Scan
M4 Collect=57 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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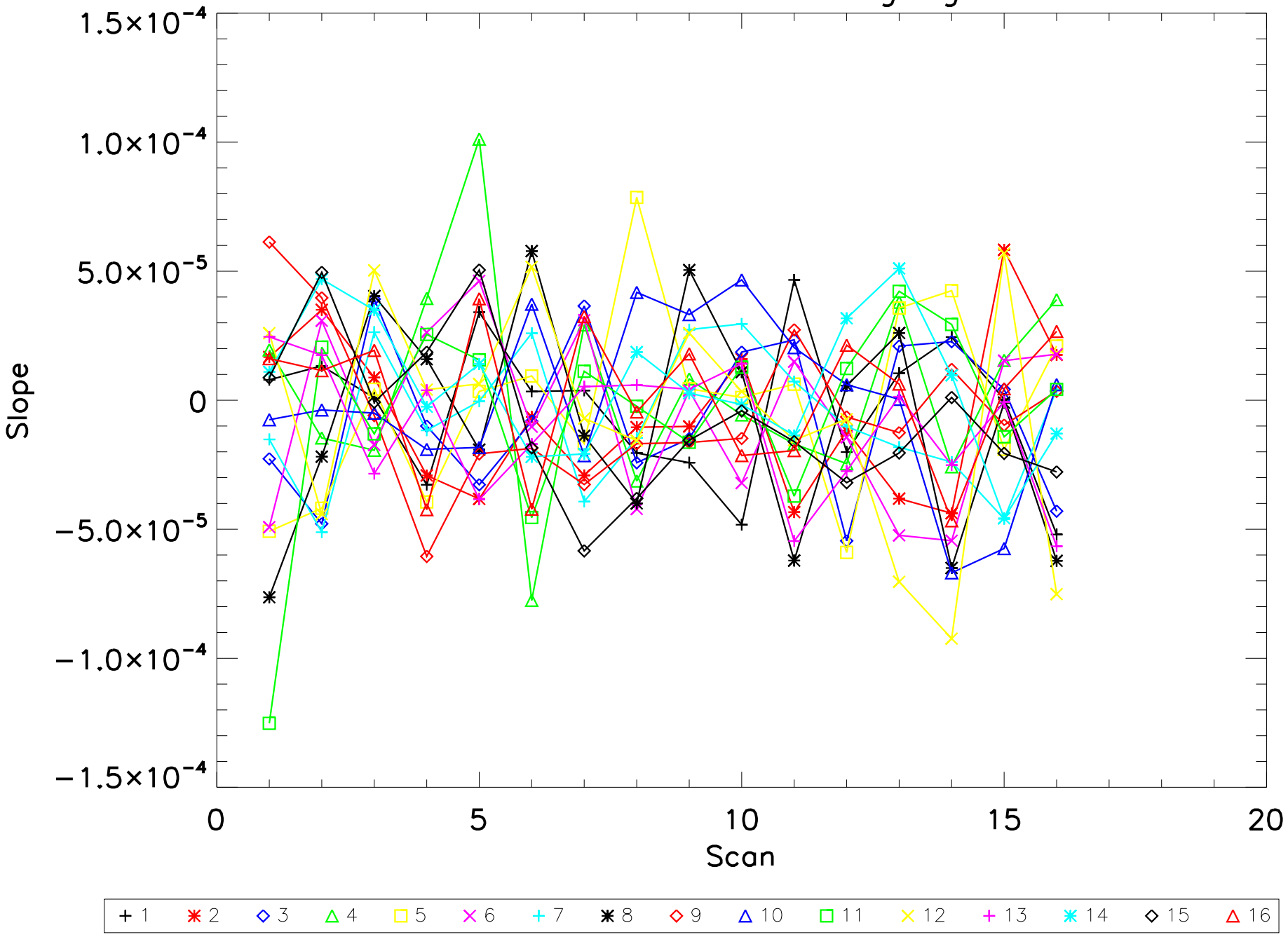
Slope vs Scan
M4 Collect=58 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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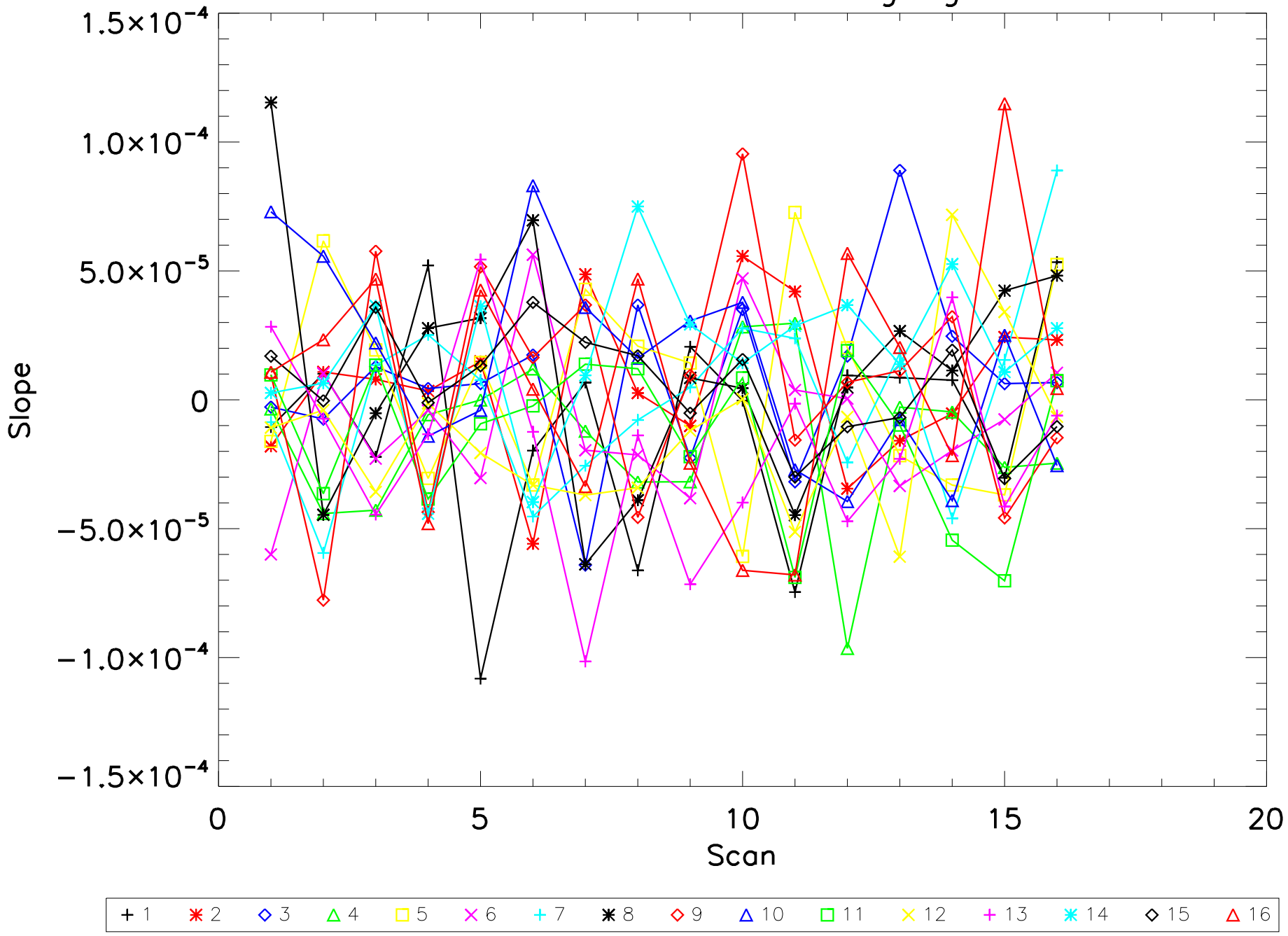
Slope vs Scan
M4 Collect=59 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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Scan
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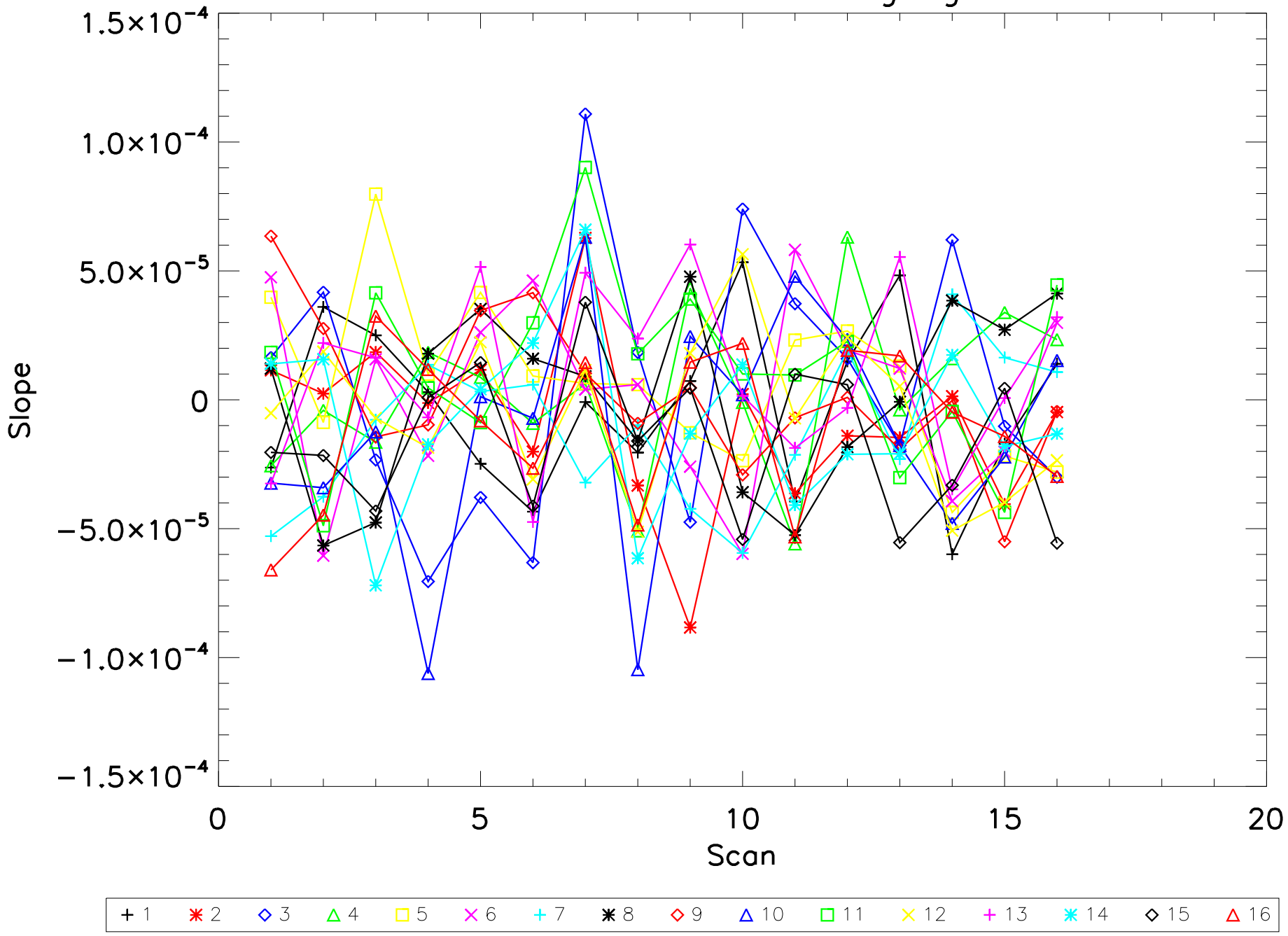
Slope vs Scan
M4 Collect=60 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
20
Scan
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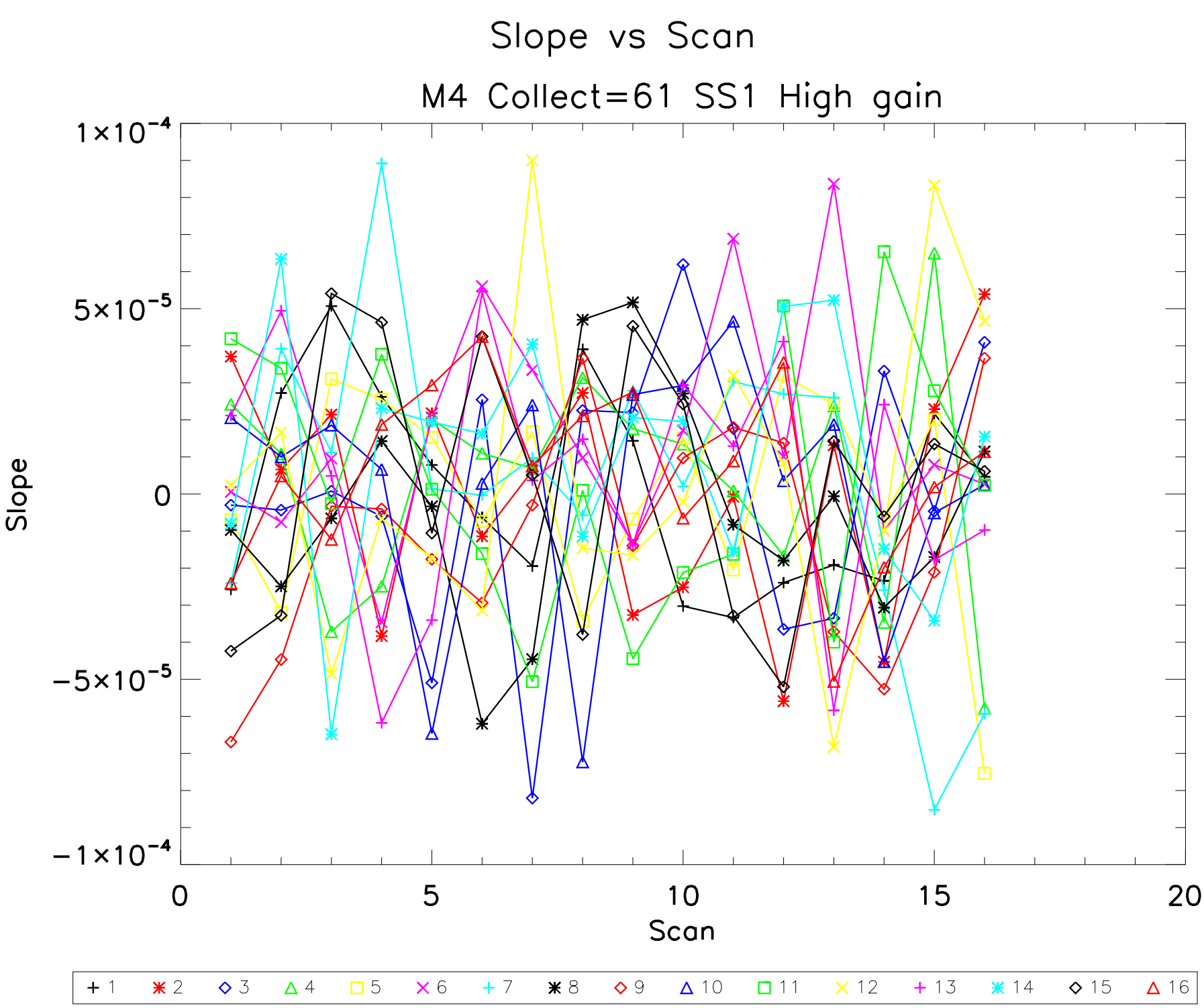
Slope vs Scan
M4 Collect=61 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
5
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Scan
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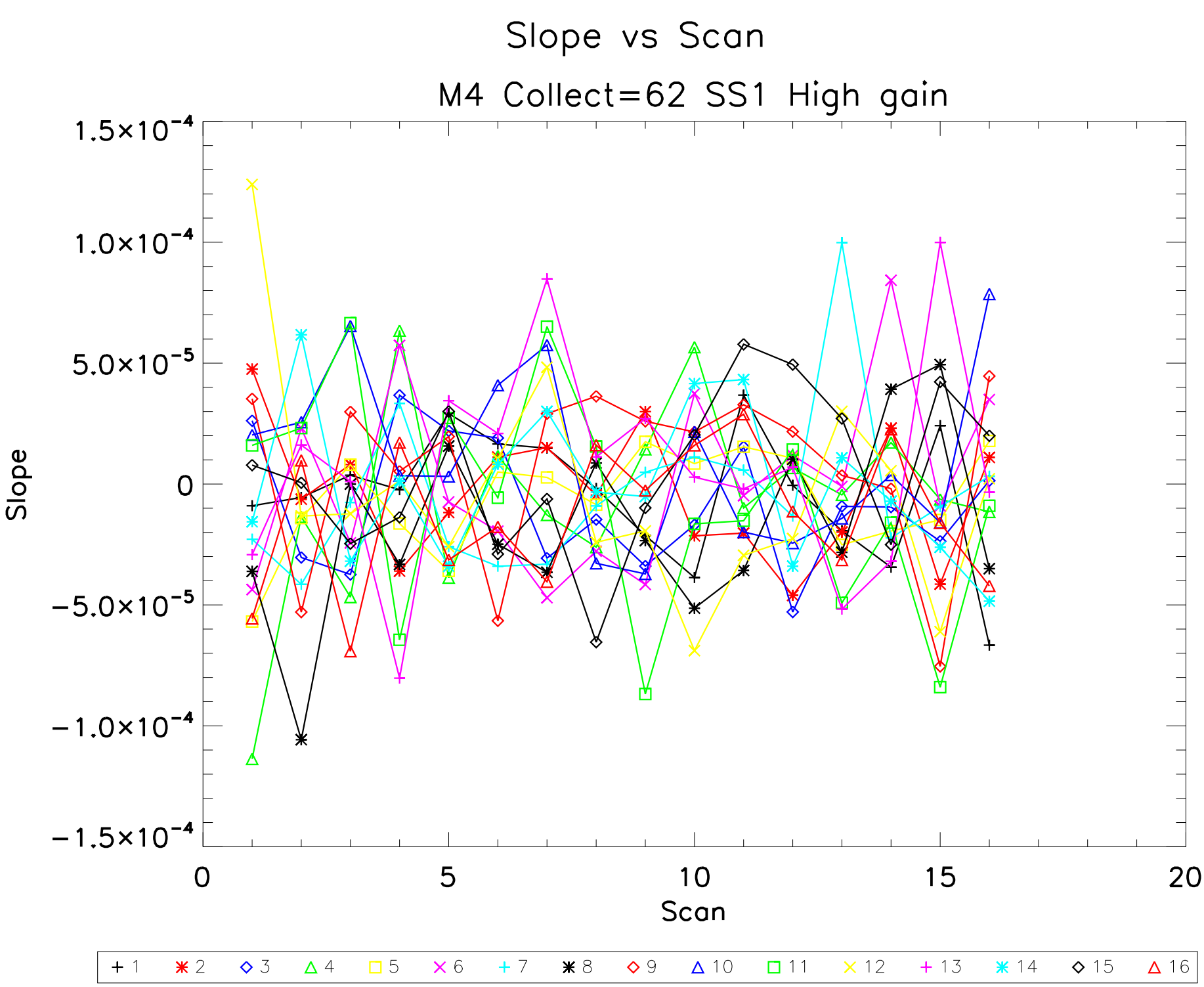
Slope vs Scan
M4 Collect=62 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
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Scan
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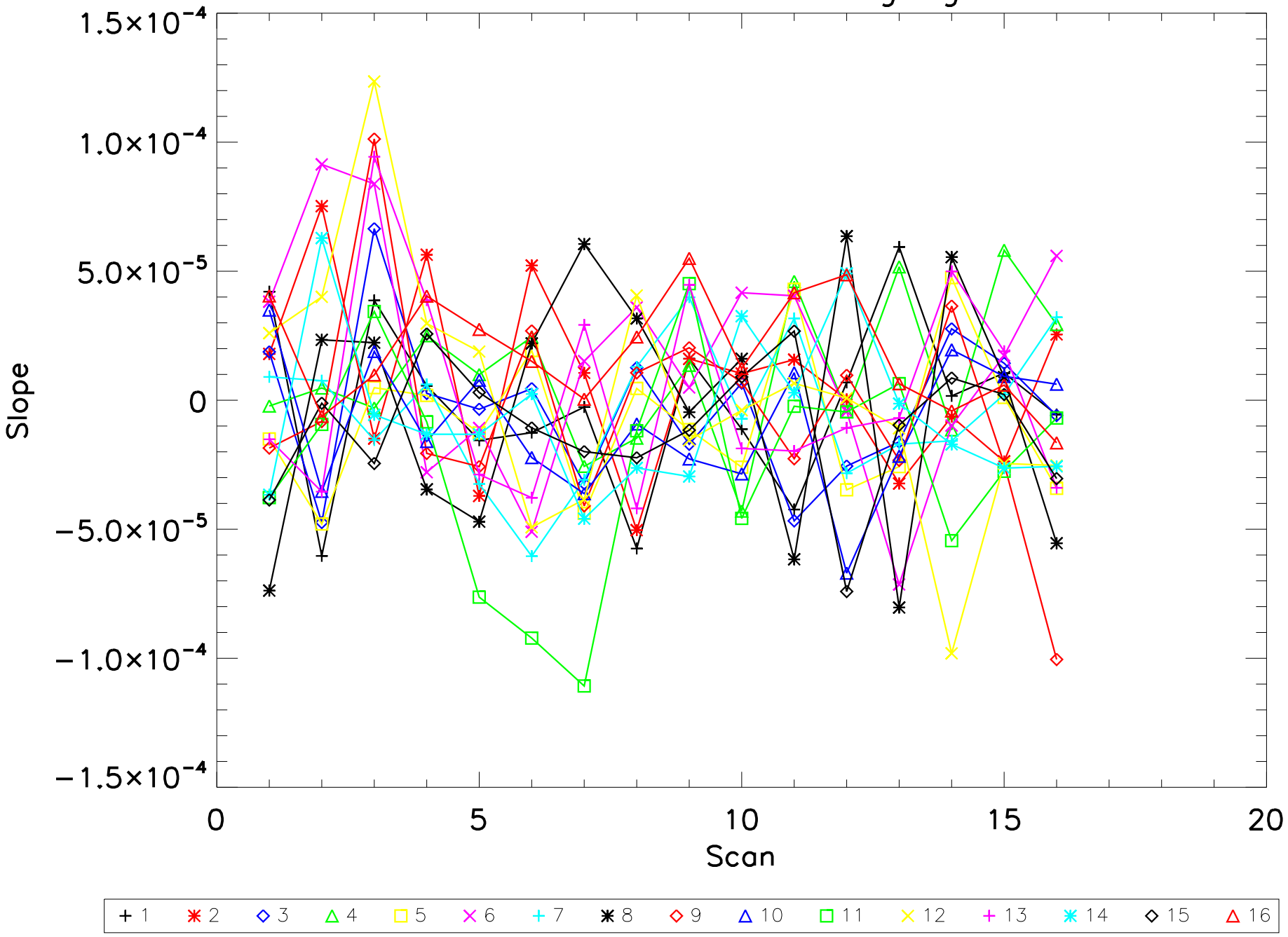
Slope vs Scan
M4 Collect=63 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
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Scan
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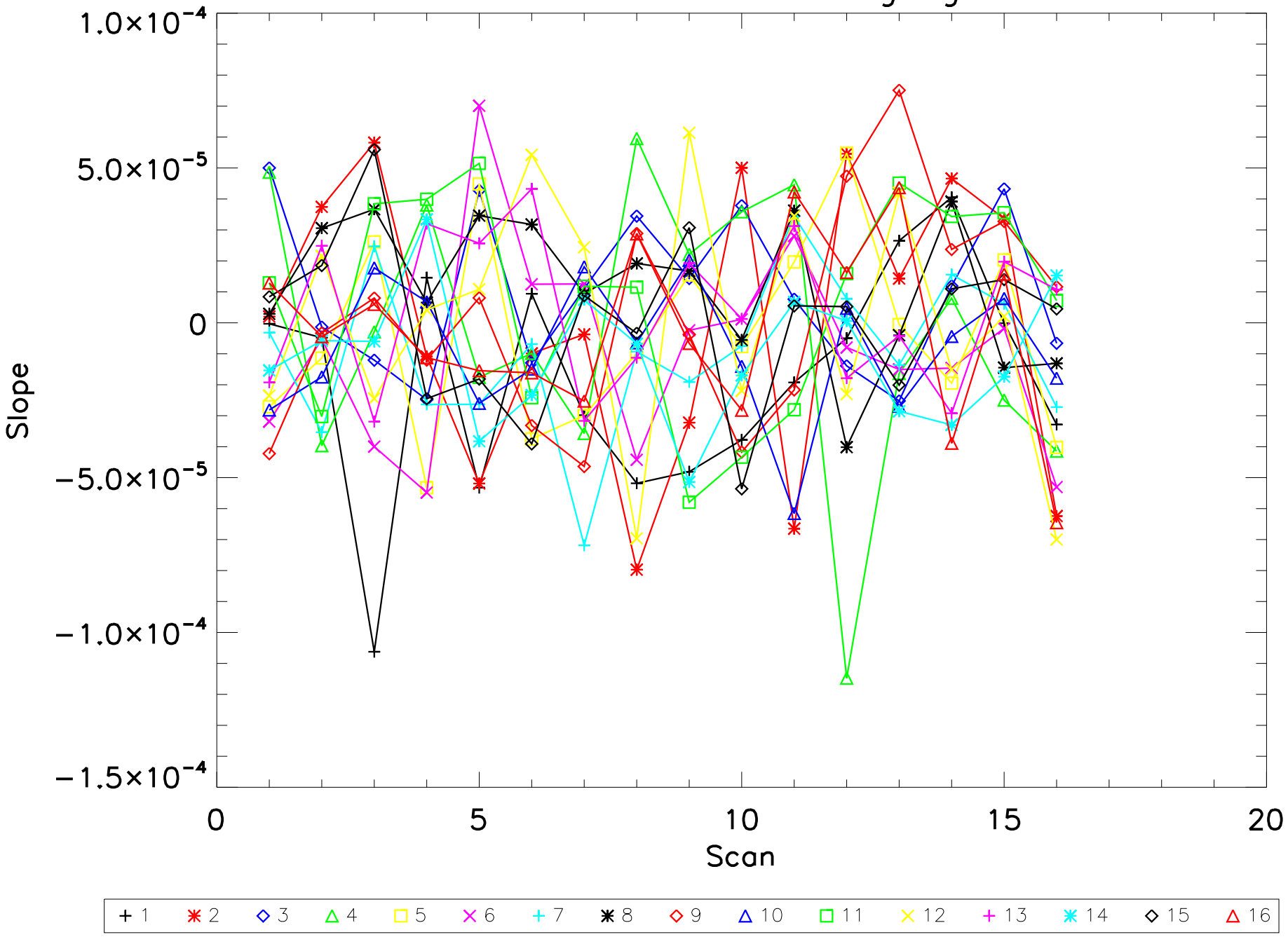
Slope vs Scan
M4 Collect=64 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
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Scan
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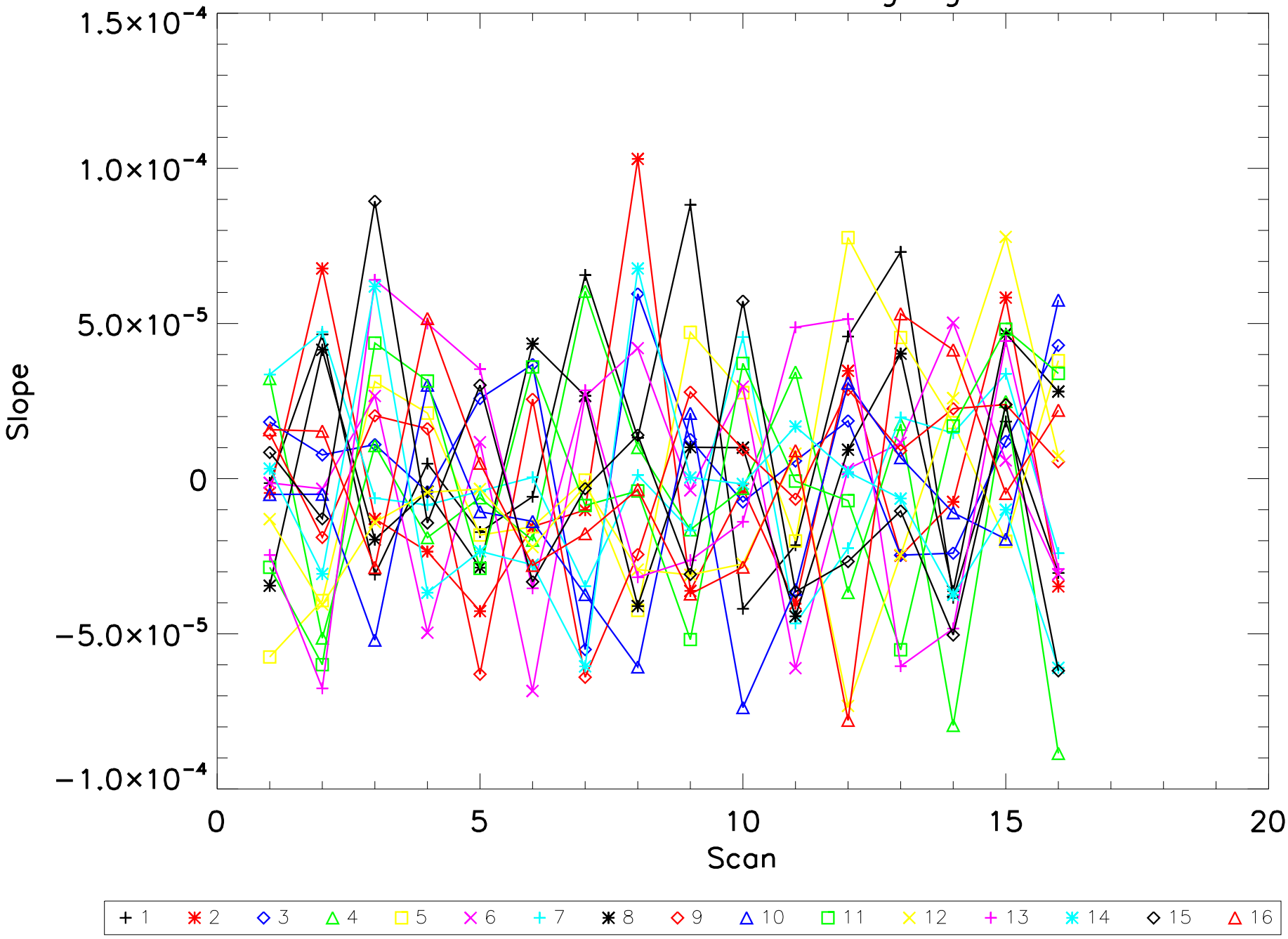
Slope vs Scan
M4 Collect=65 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
0
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Scan
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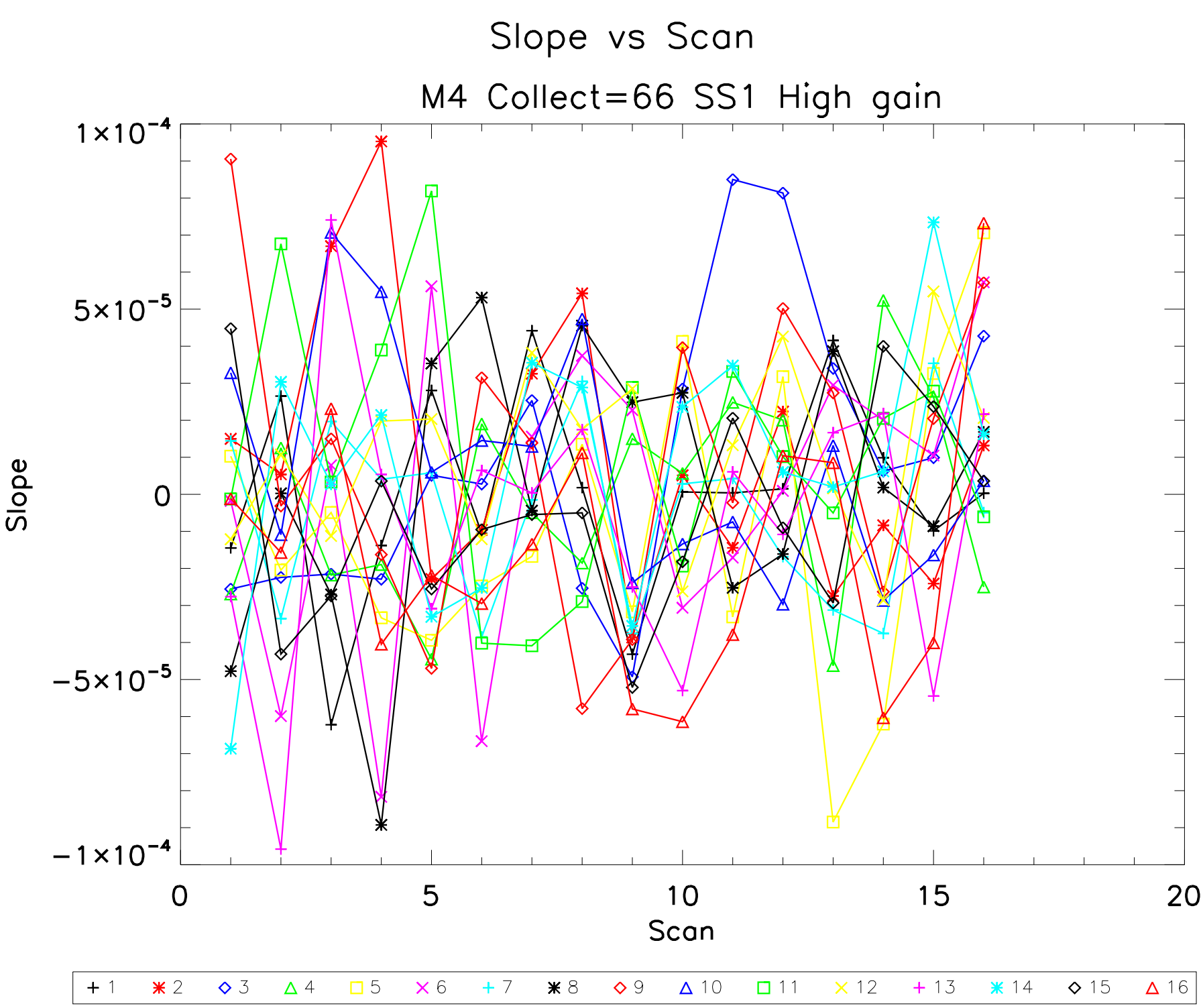
Slope vs Scan
M4 Collect=66 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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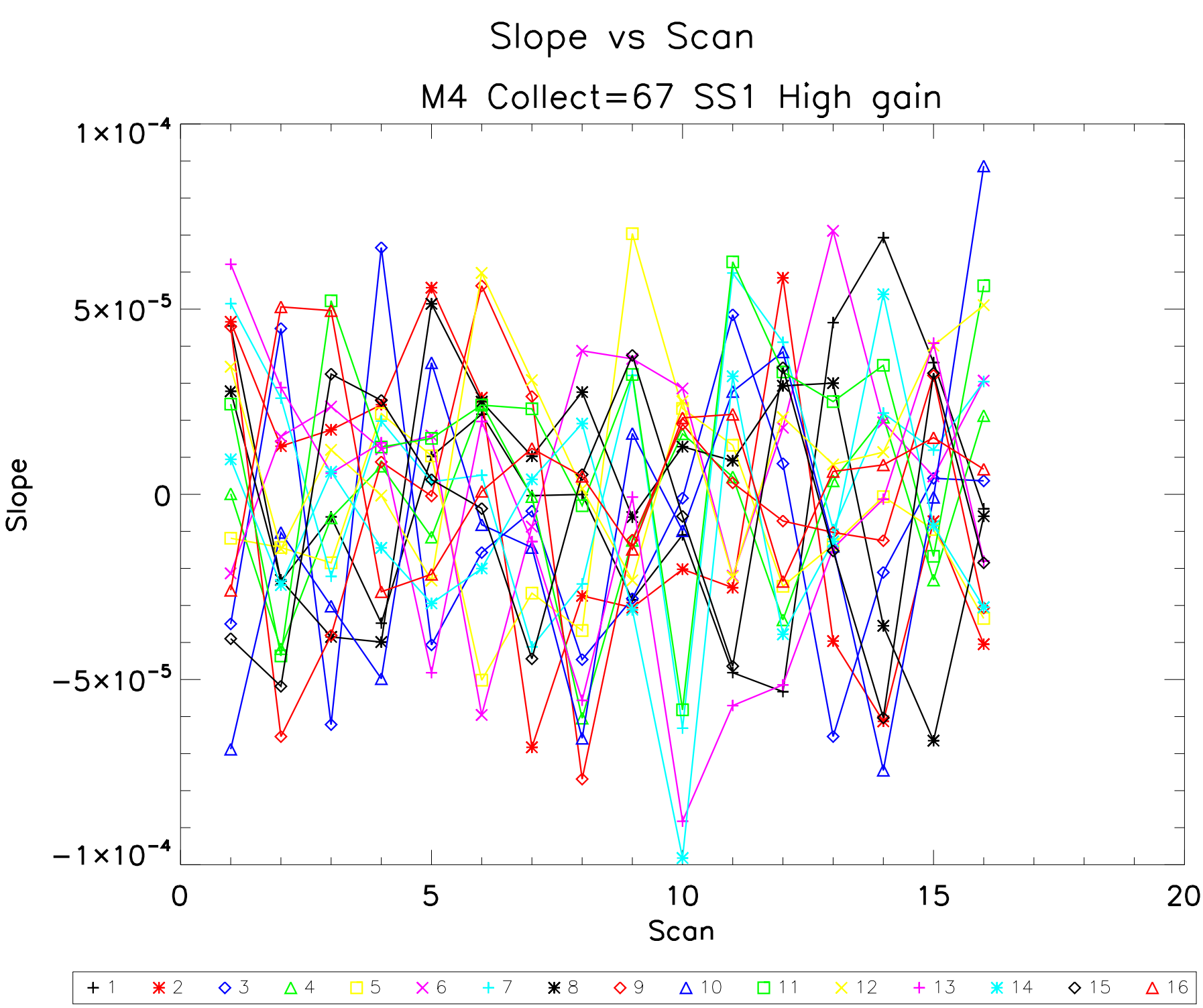
Slope vs Scan
M4 Collect=67 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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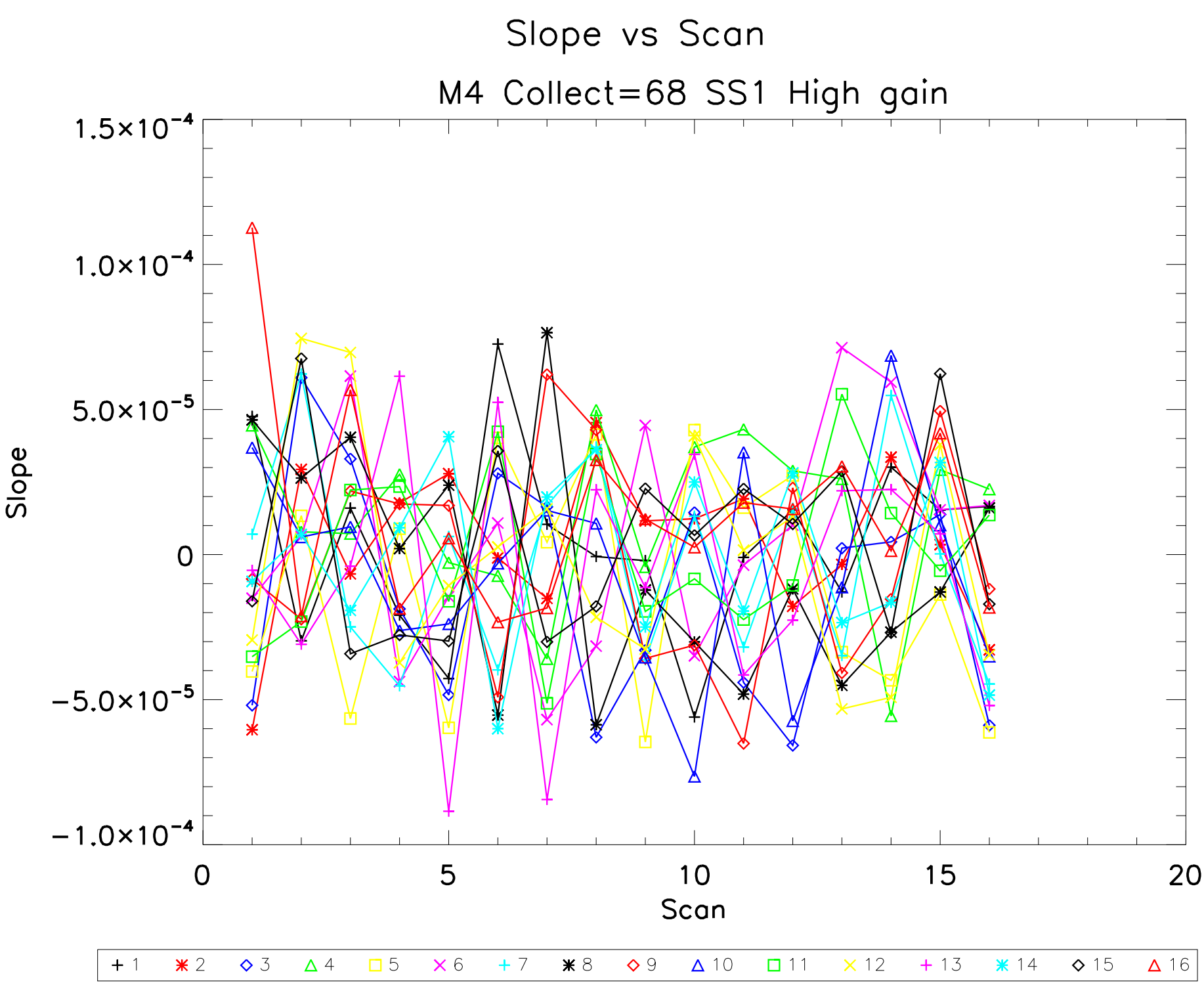
Slope vs Scan
M4 Collect=68 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
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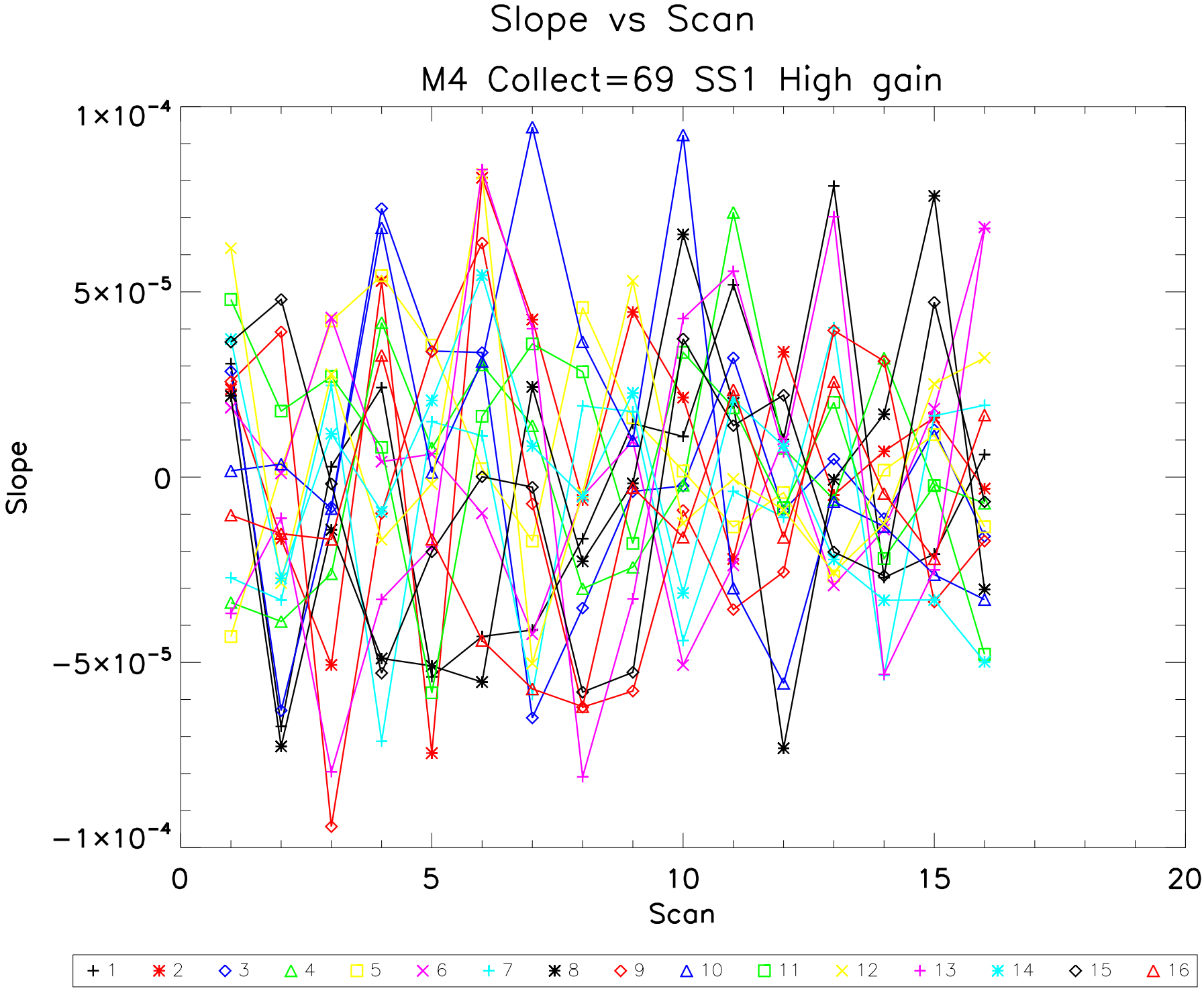
Slope vs Scan
M4 Collect=69 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
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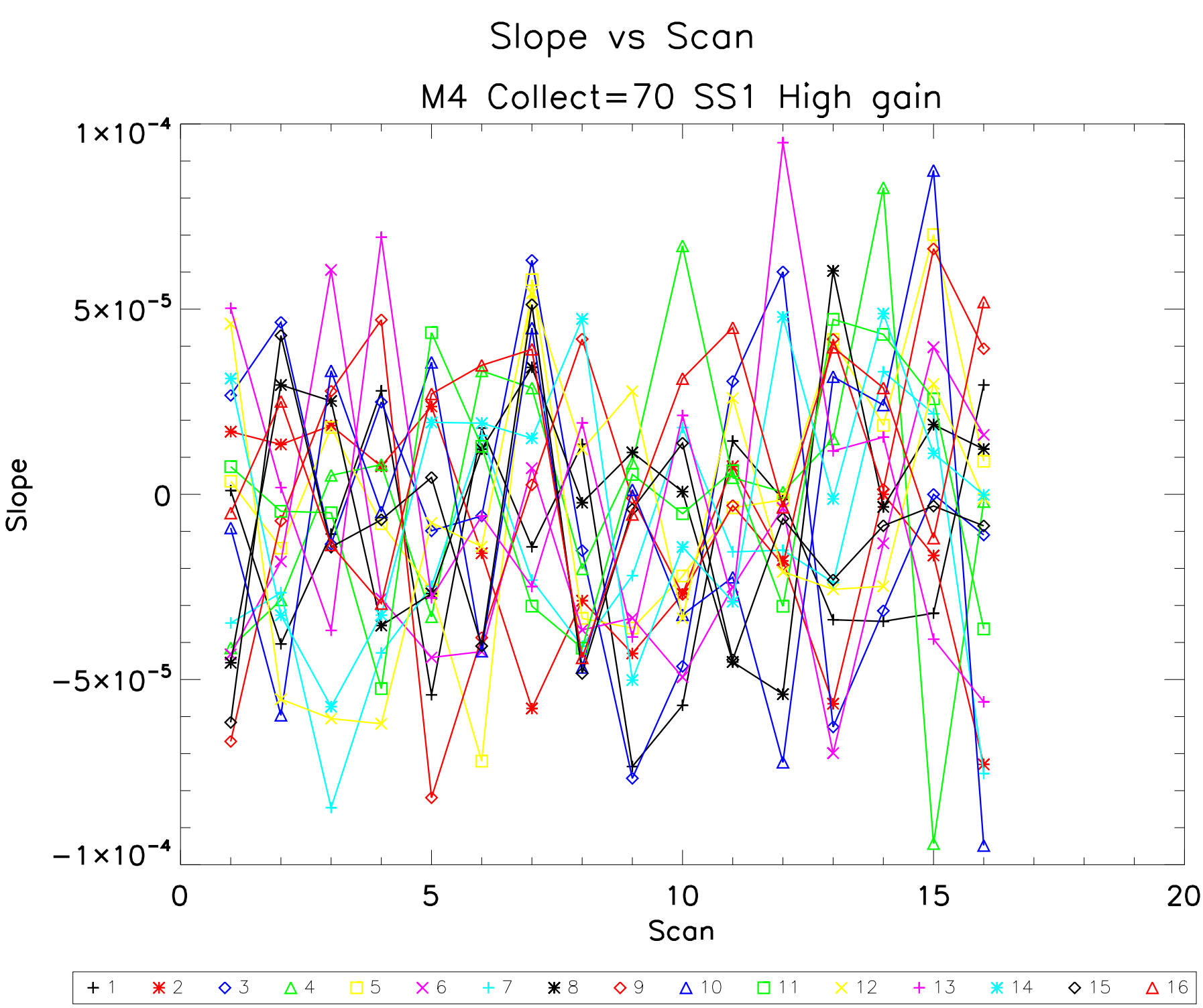
Slope vs Scan
M4 Collect=70 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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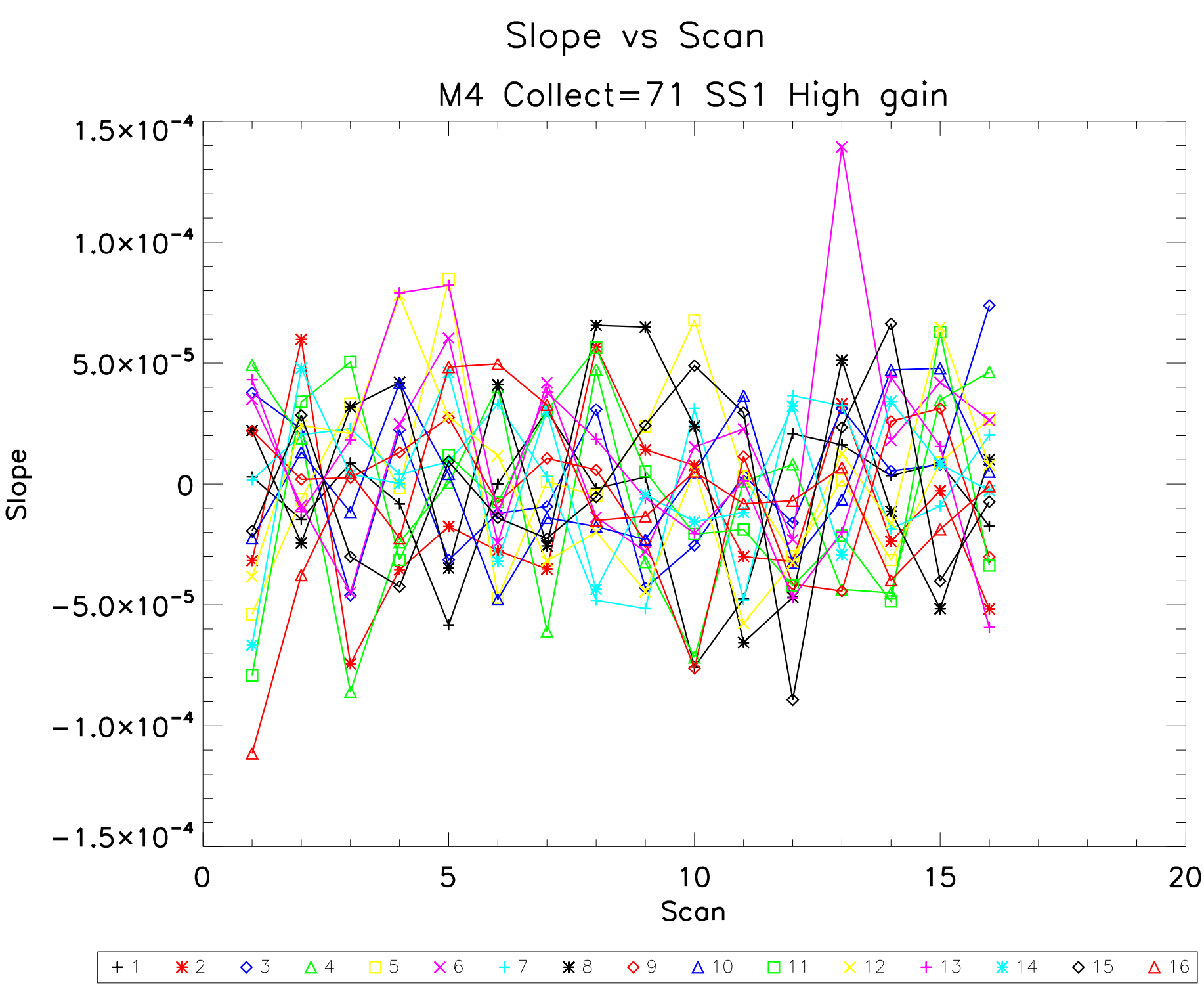
Slope vs Scan
M4 Collect=71 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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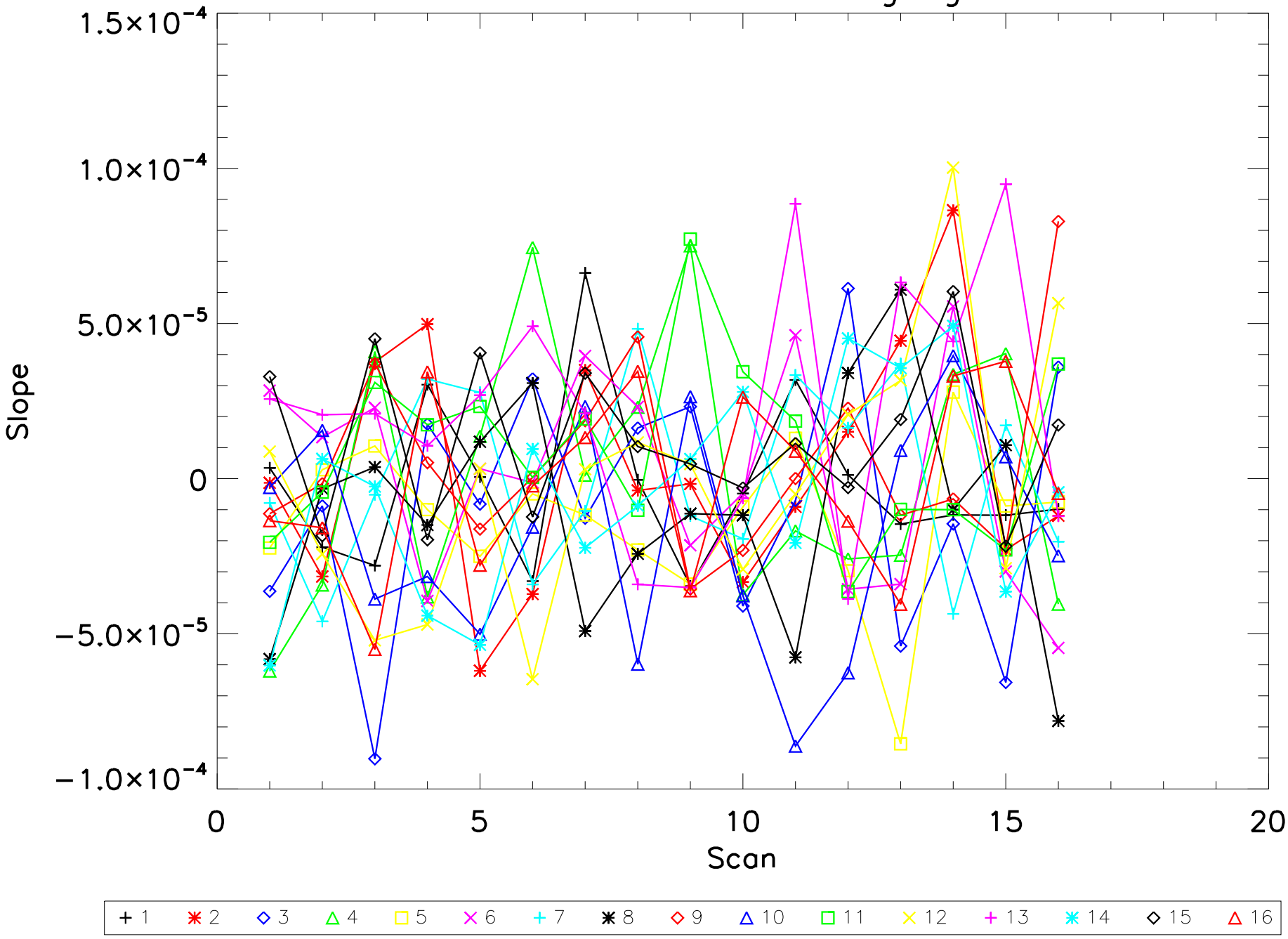
Slope vs Scan
M4 Collect=72 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
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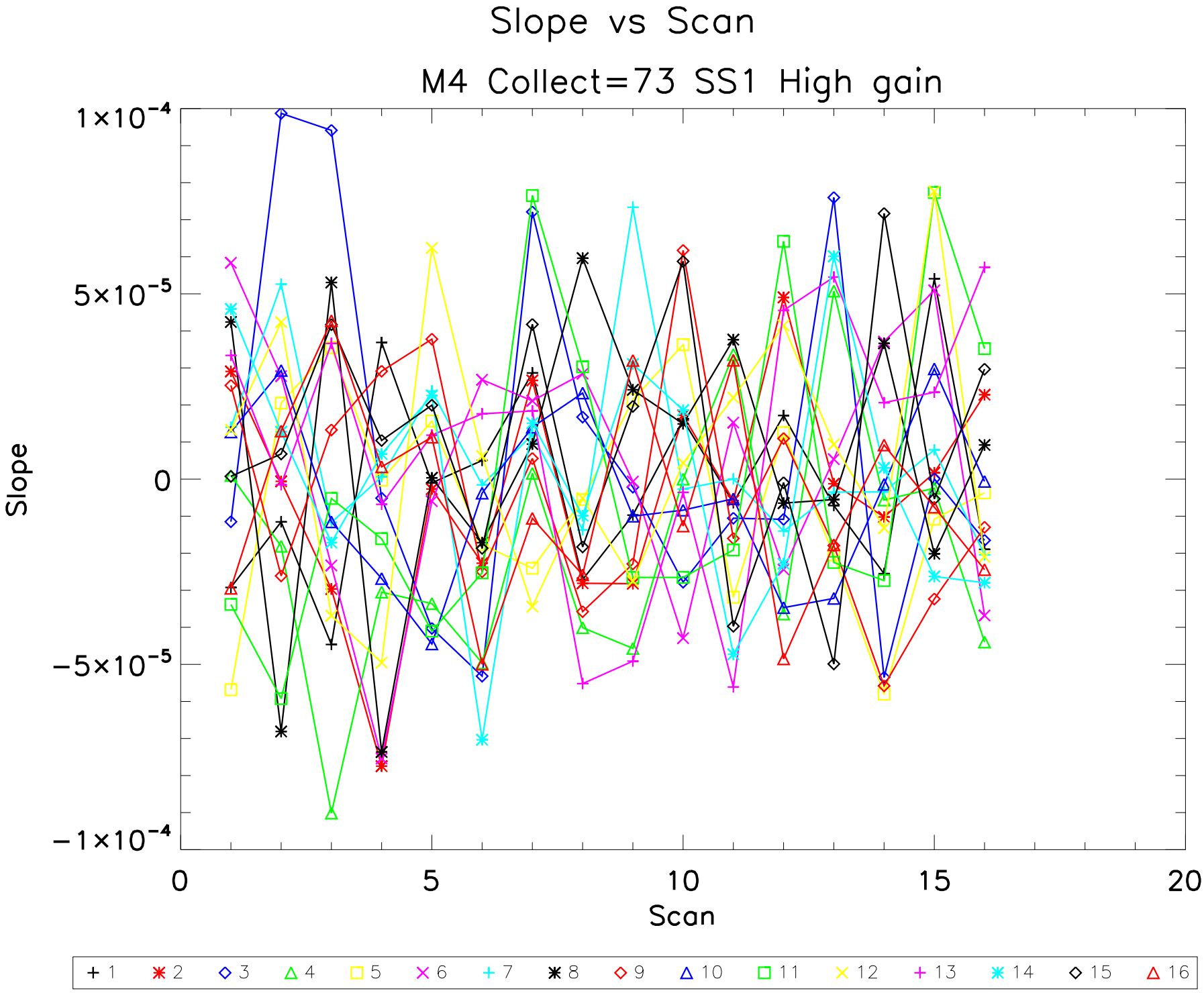
Slope vs Scan
M4 Collect=73 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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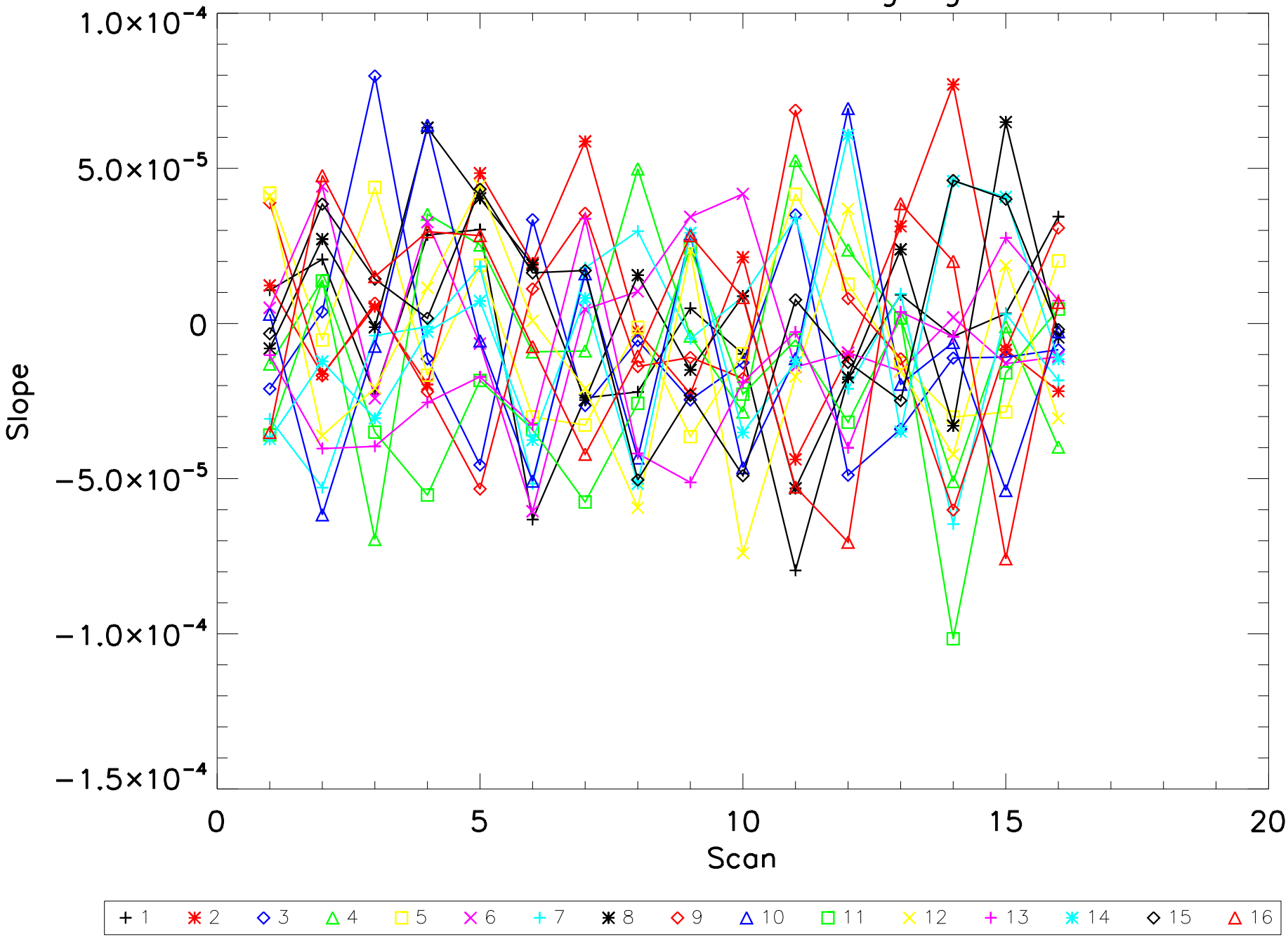
Slope vs Scan
M4 Collect=74 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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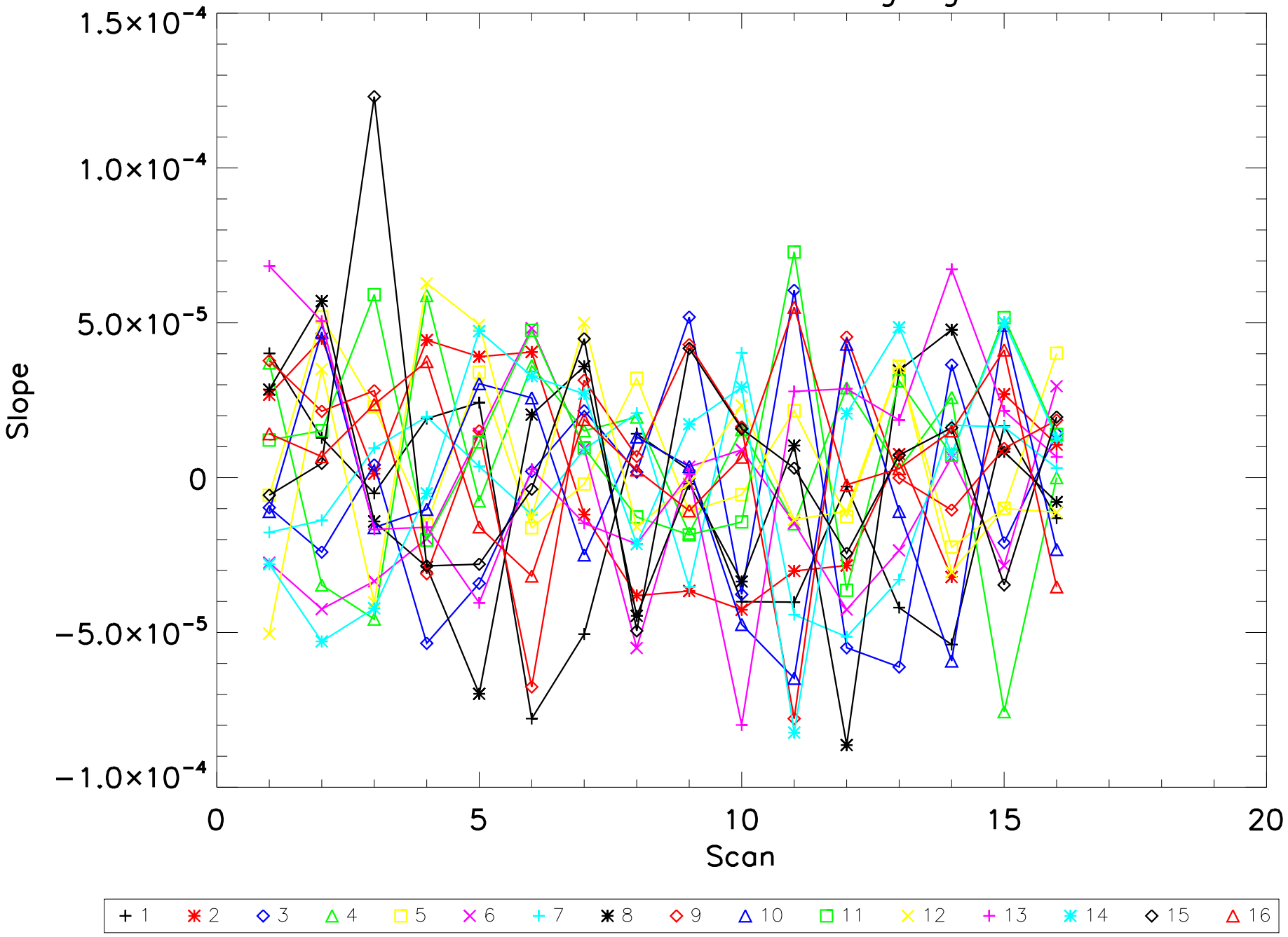
Slope vs Scan
M4 Collect=75 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
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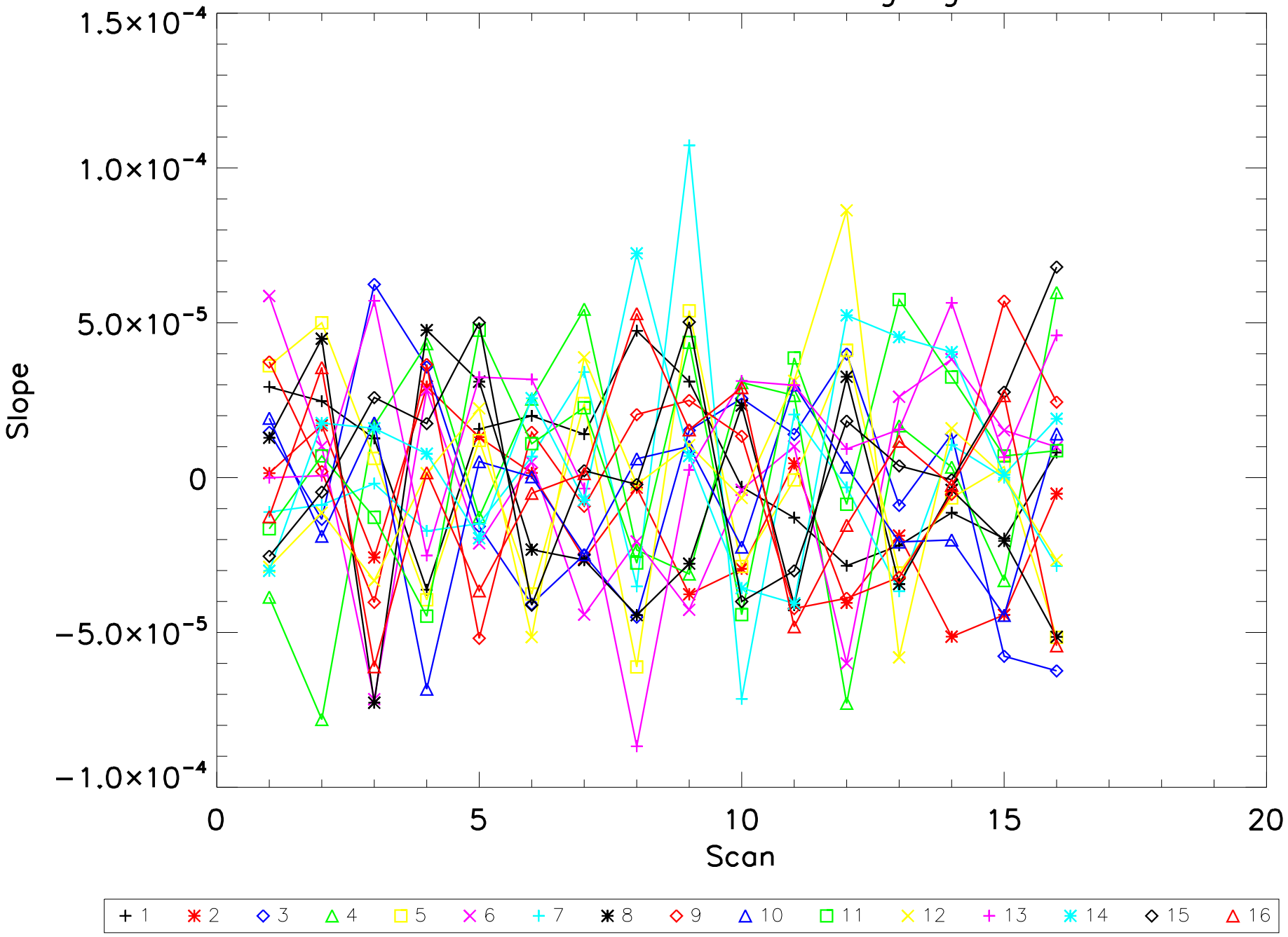
Slope vs Scan
M4 Collect=76 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
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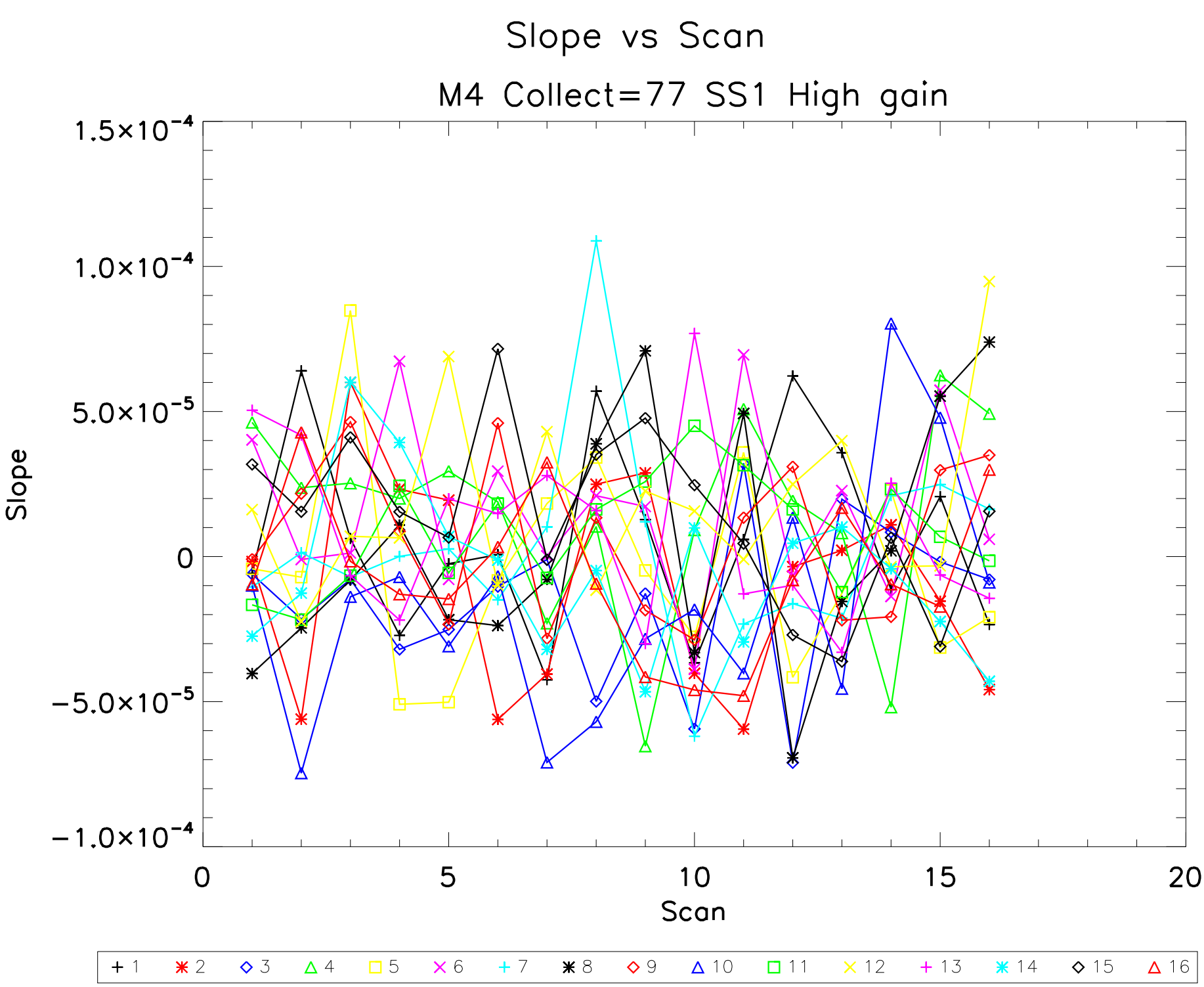
Slope vs Scan
M4 Collect=77 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
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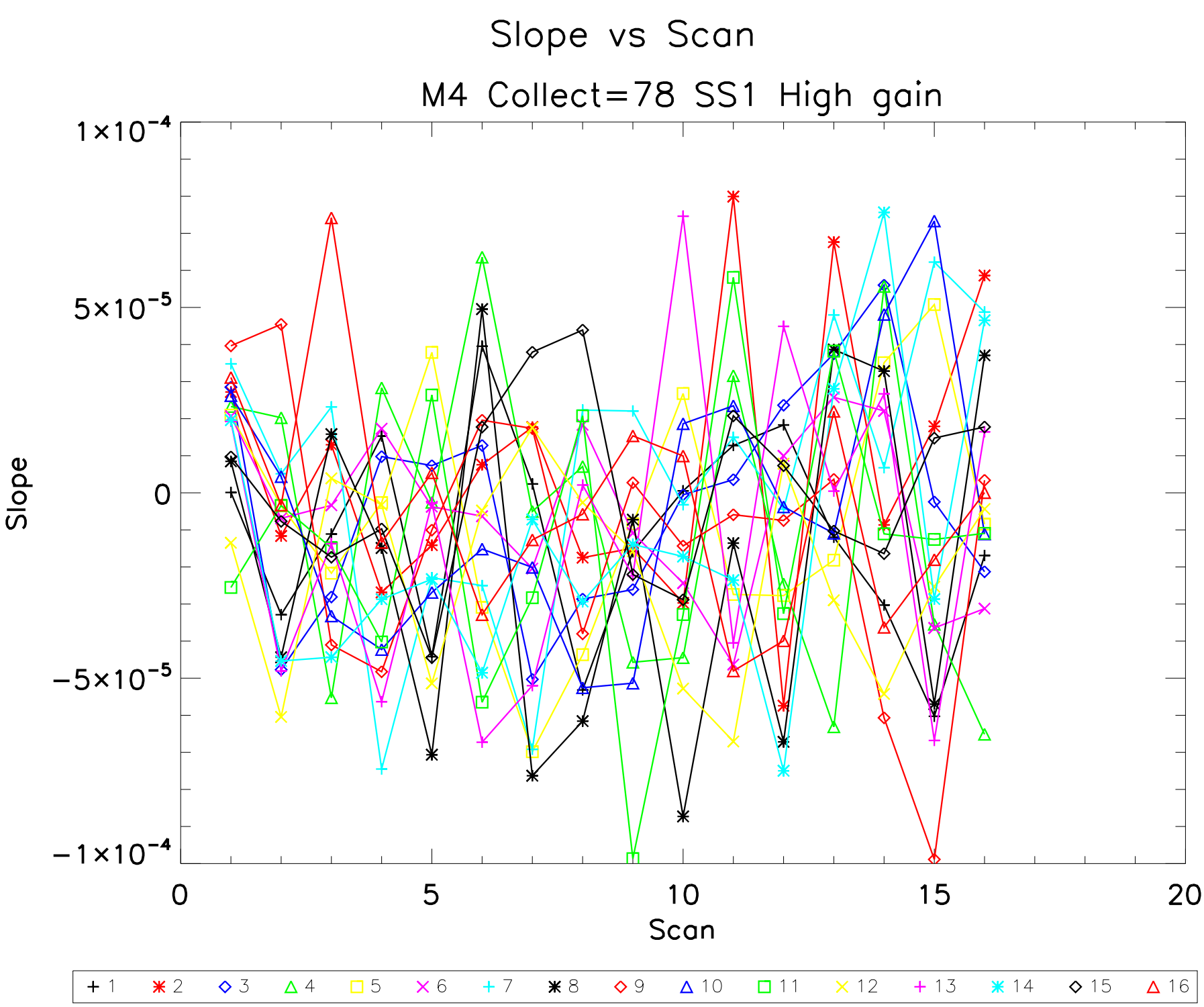
Slope vs Scan
M4 Collect=78 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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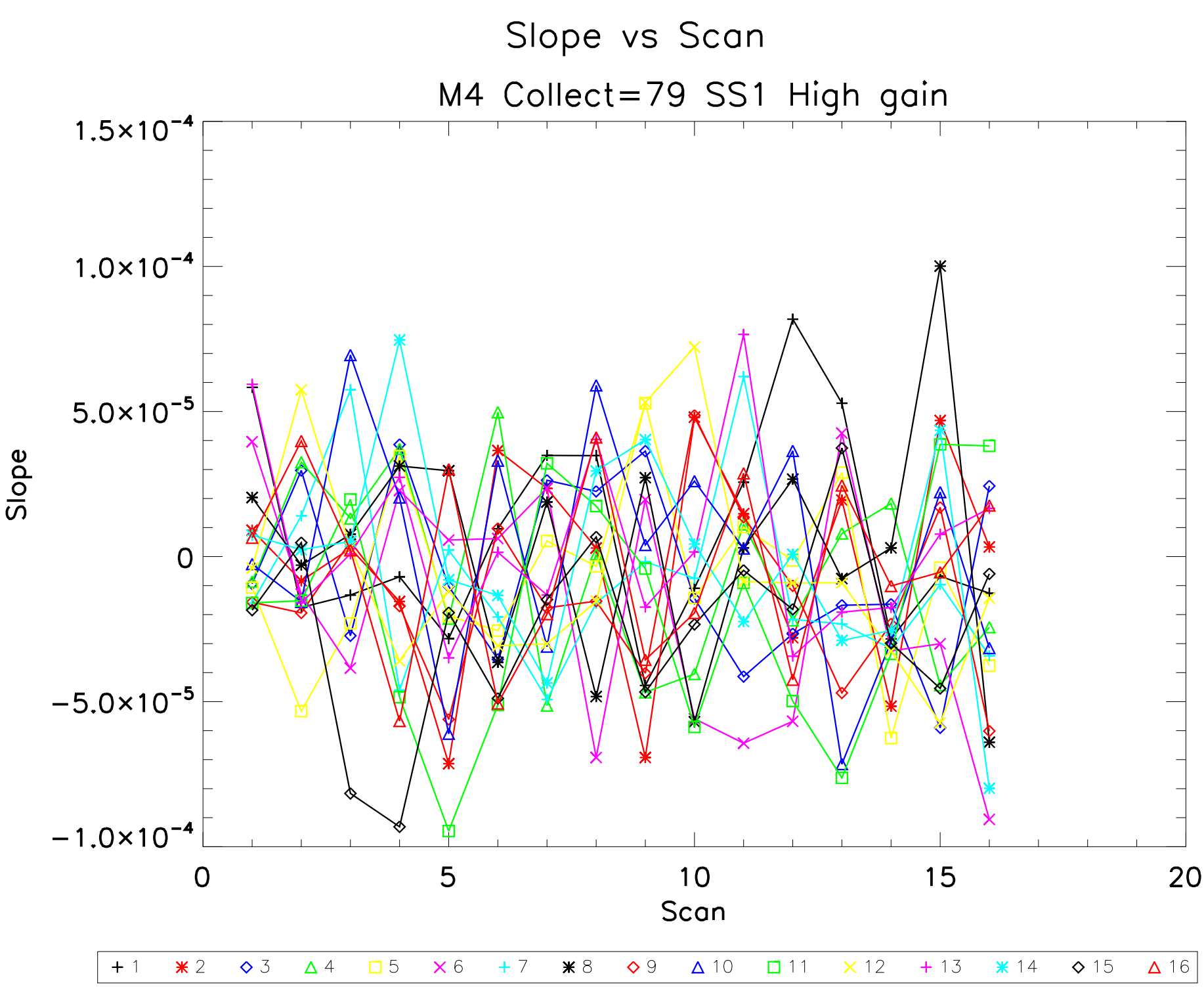
Slope vs Scan
M4 Collect=79 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
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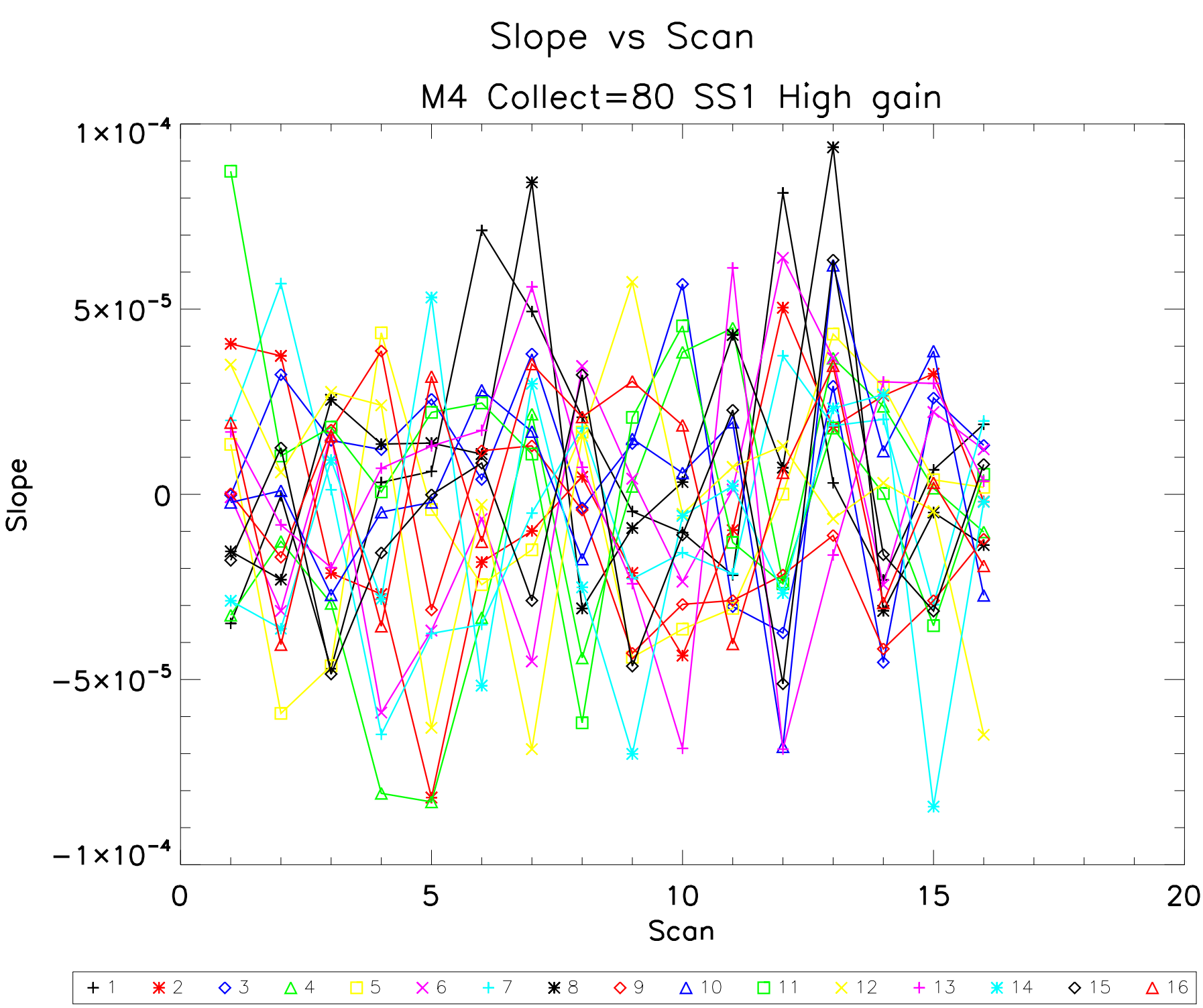
Slope vs Scan
M4 Collect=80 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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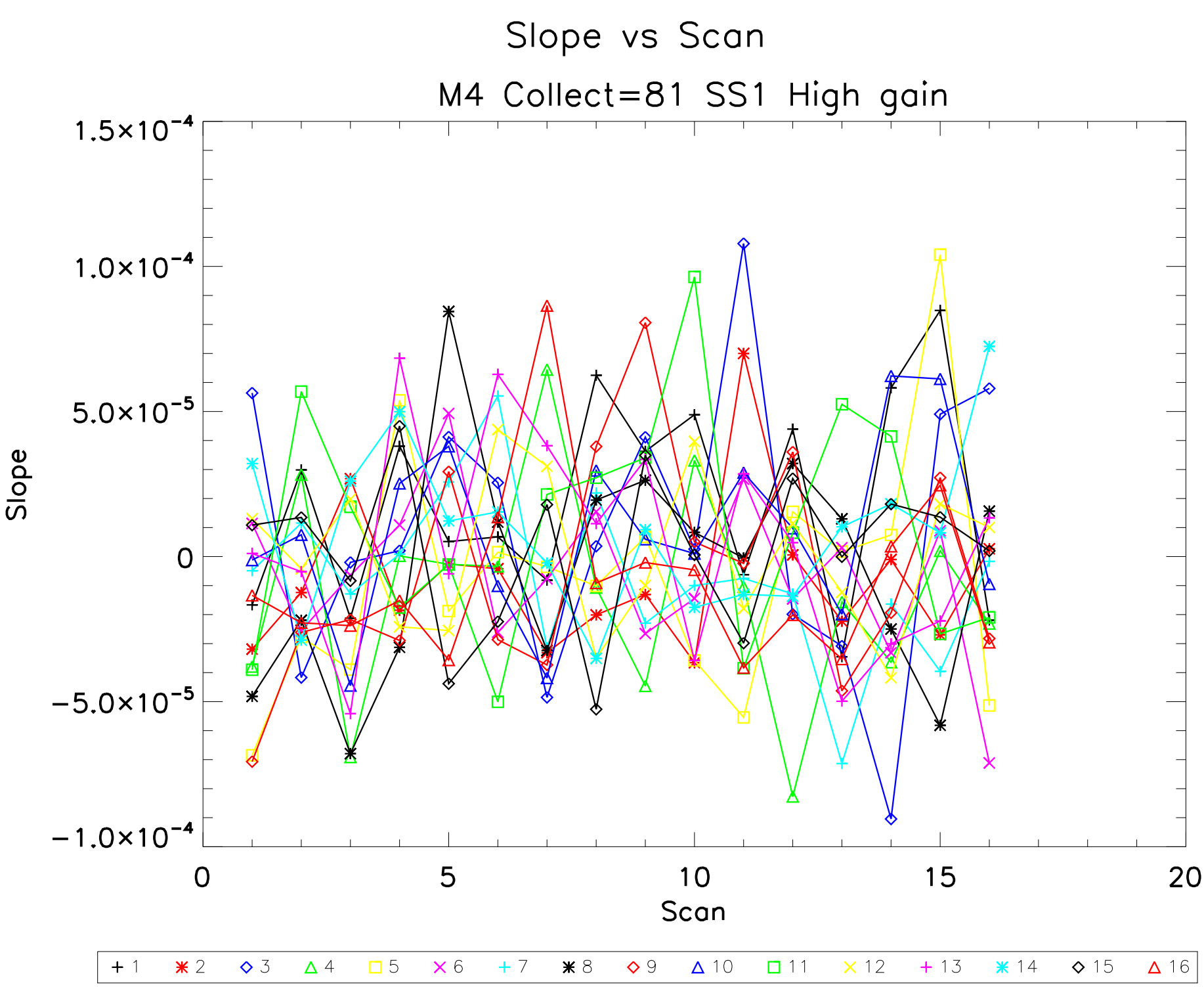
Slope vs Scan
M4 Collect=81 SS1 High gain
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
Slope
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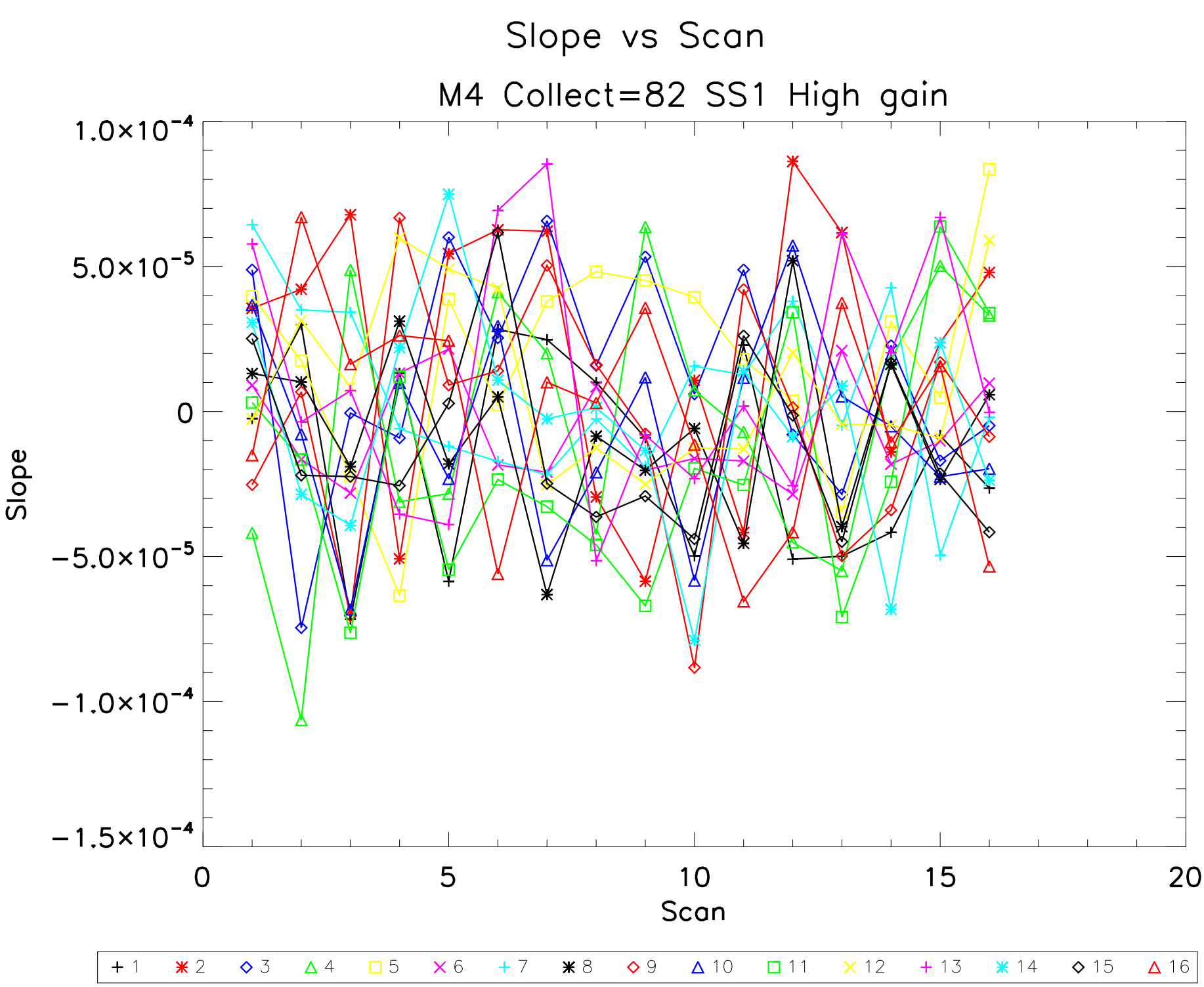
Slope vs Scan
M4 Collect=82 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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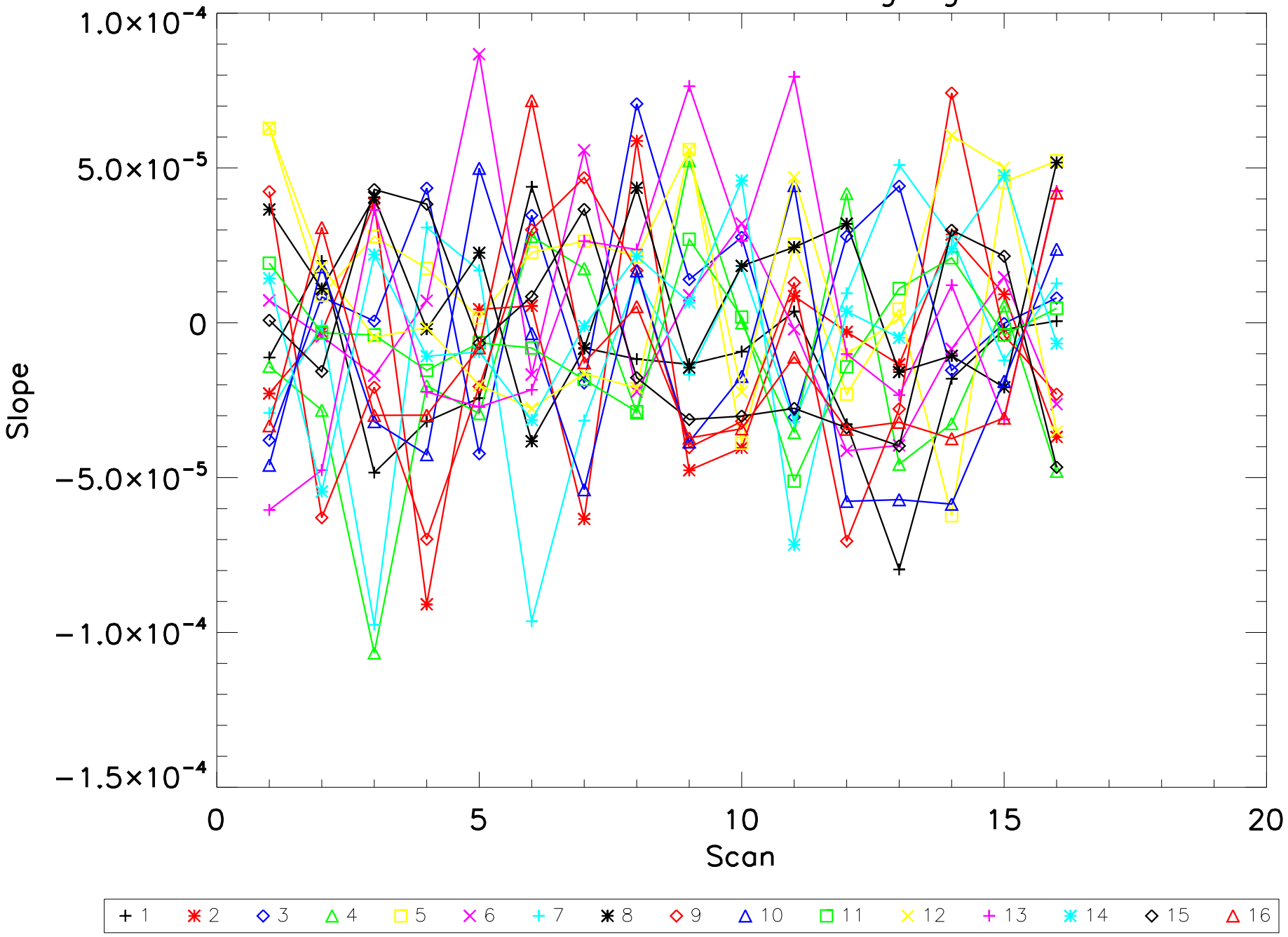
Slope vs Scan
M4 Collect=83 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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Scan
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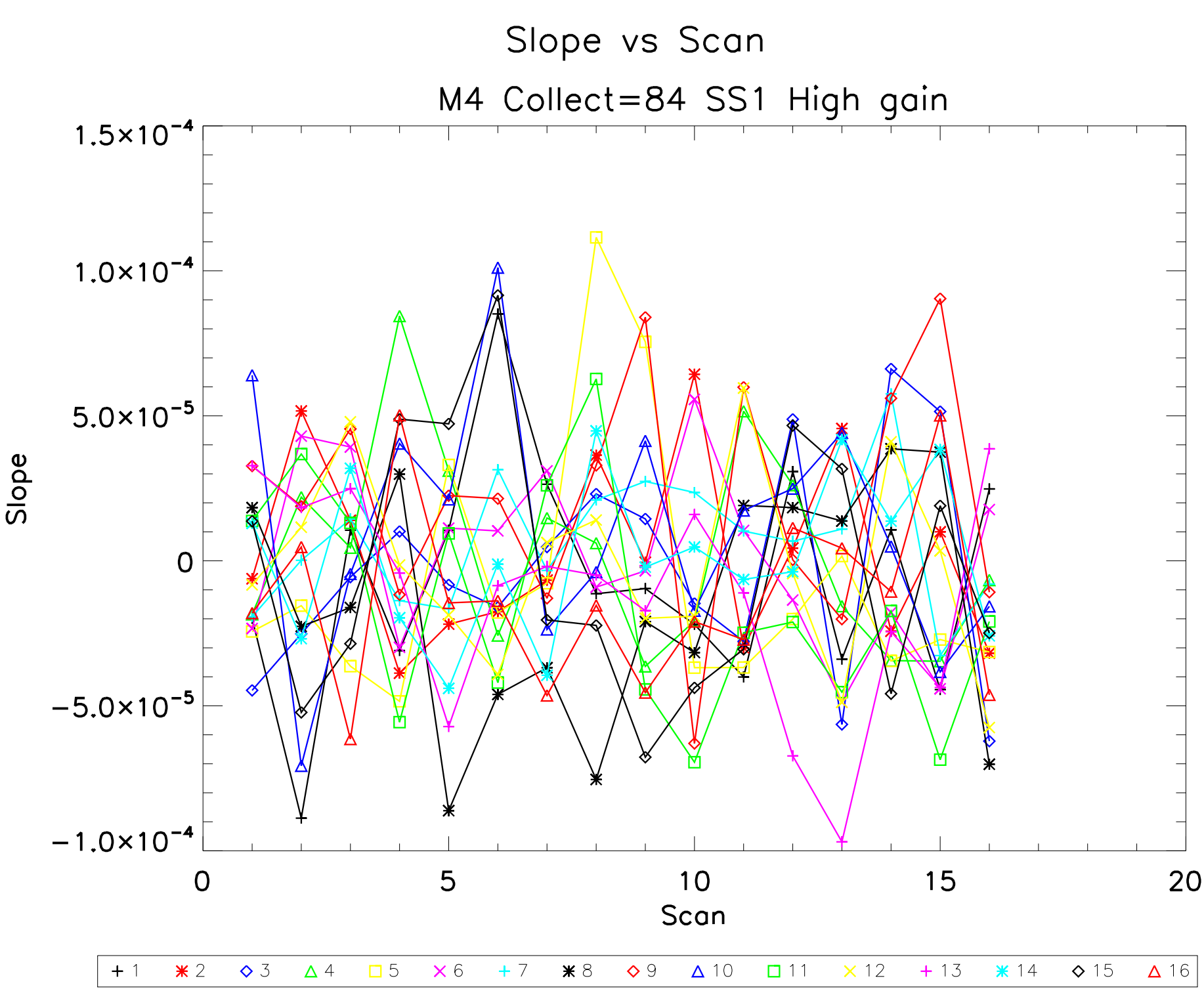
Slope vs Scan
M4 Collect=84 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
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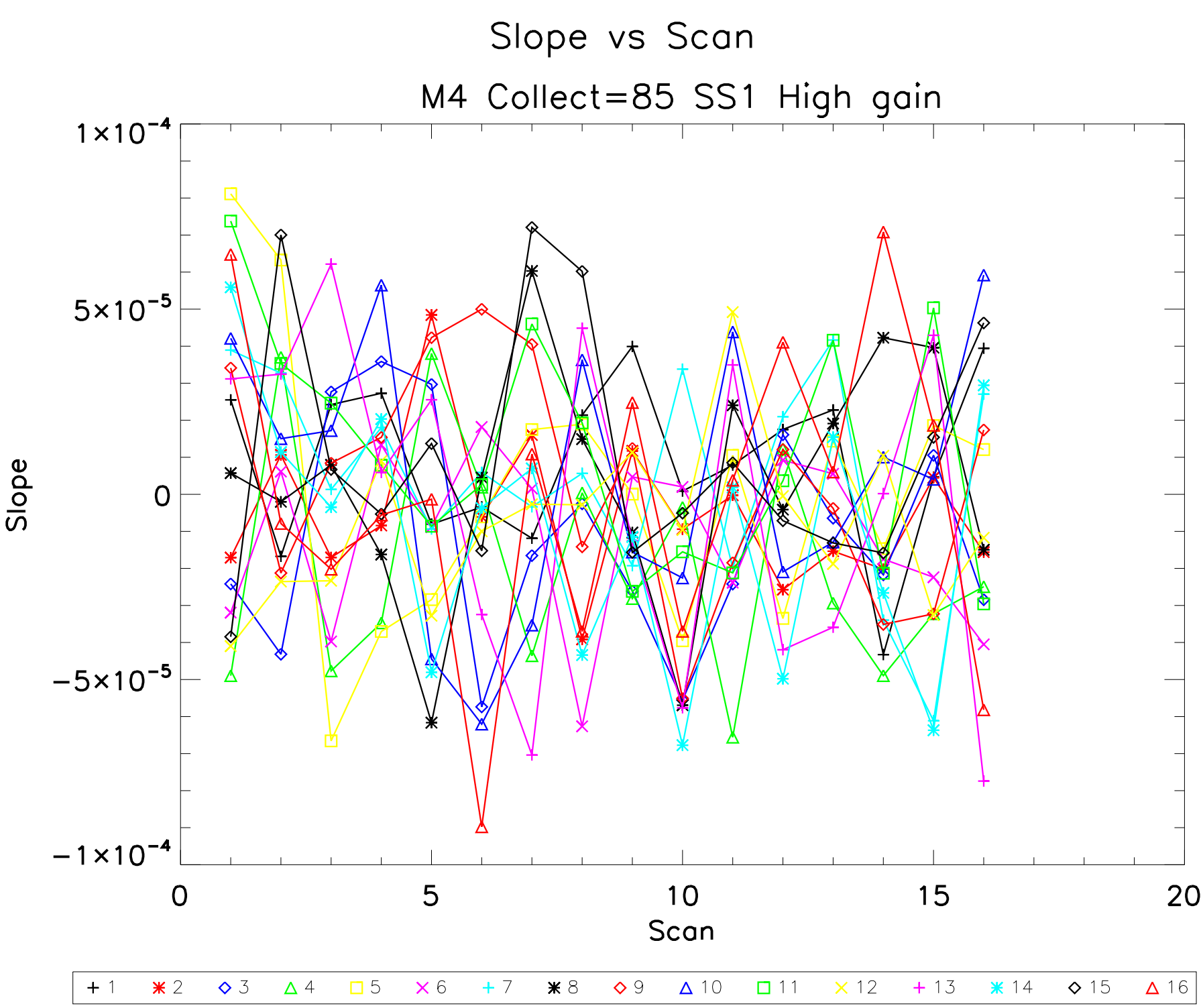
Slope vs Scan
M4 Collect=85 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
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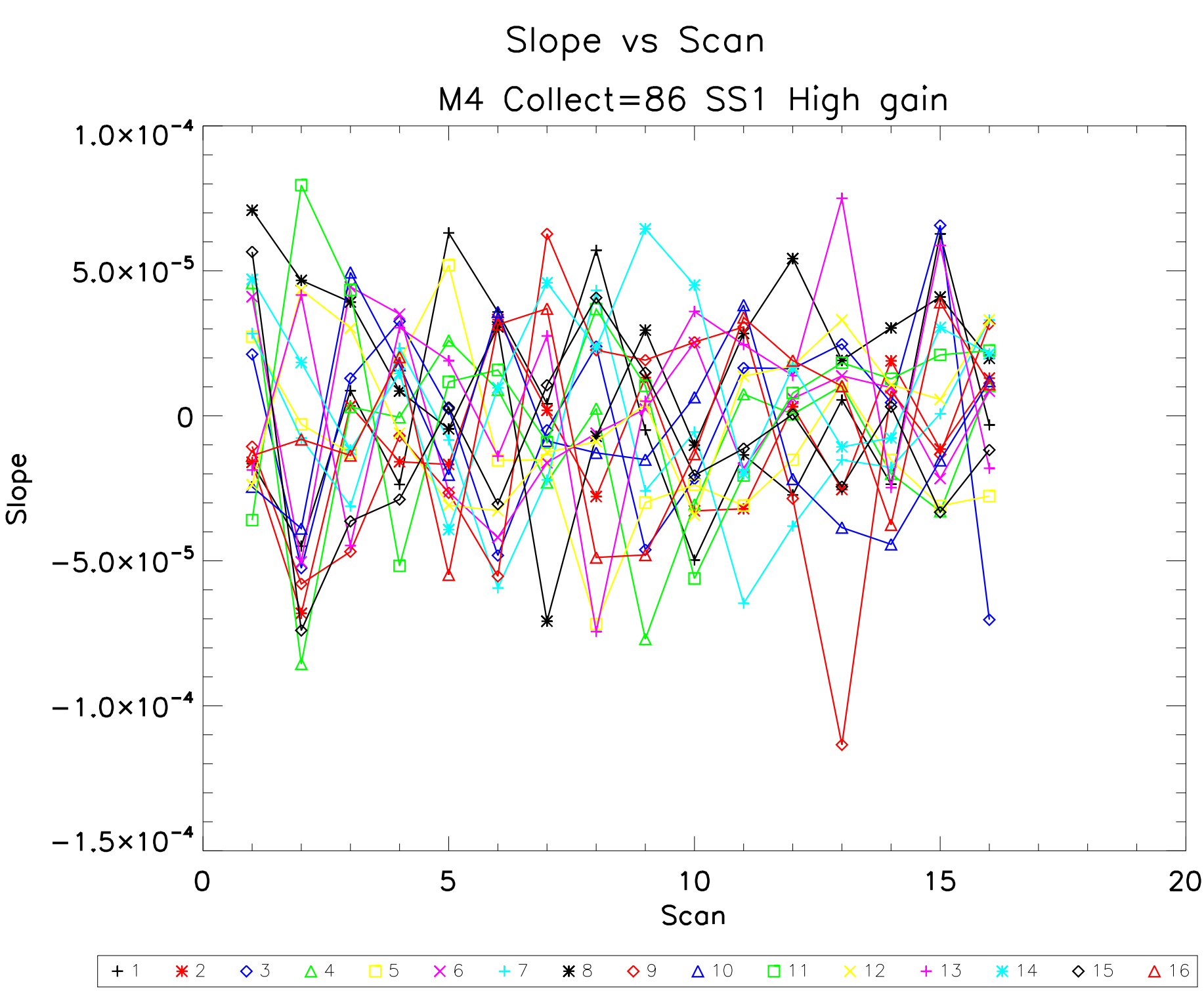
Slope vs Scan
M4 Collect=86 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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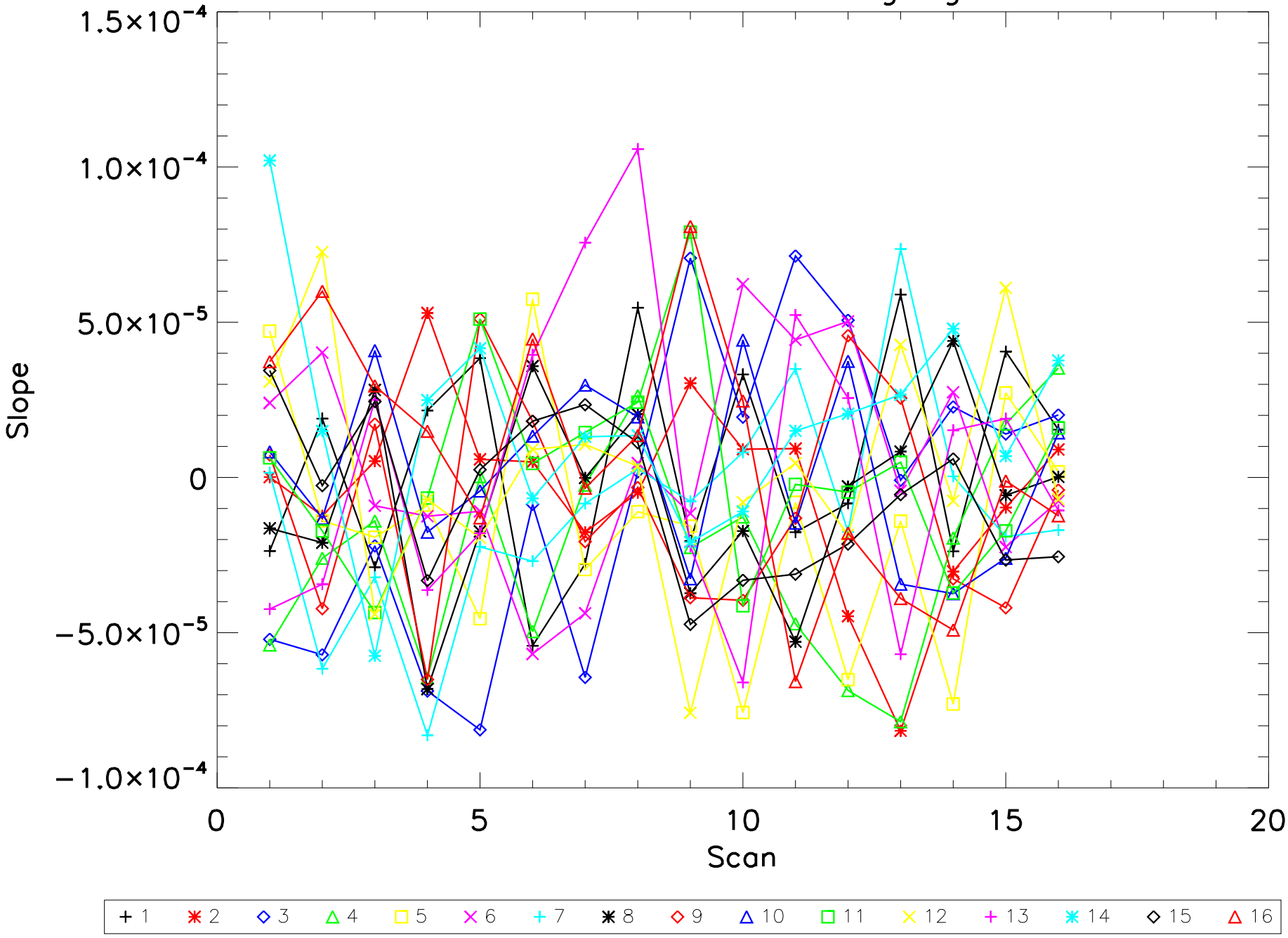
Slope vs Scan
M4 Collect=87 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
0
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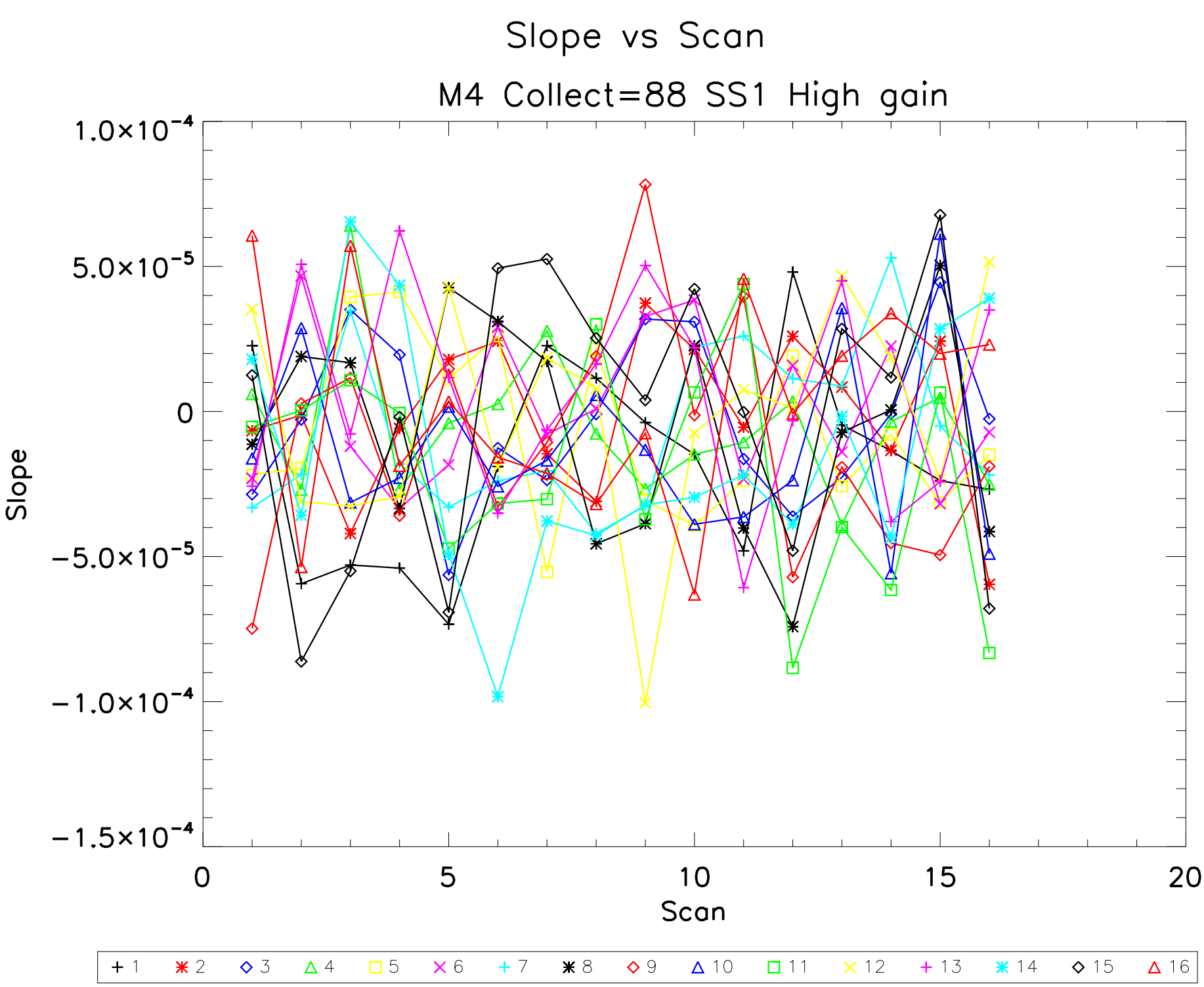
Slope vs Scan
M4 Collect=88 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
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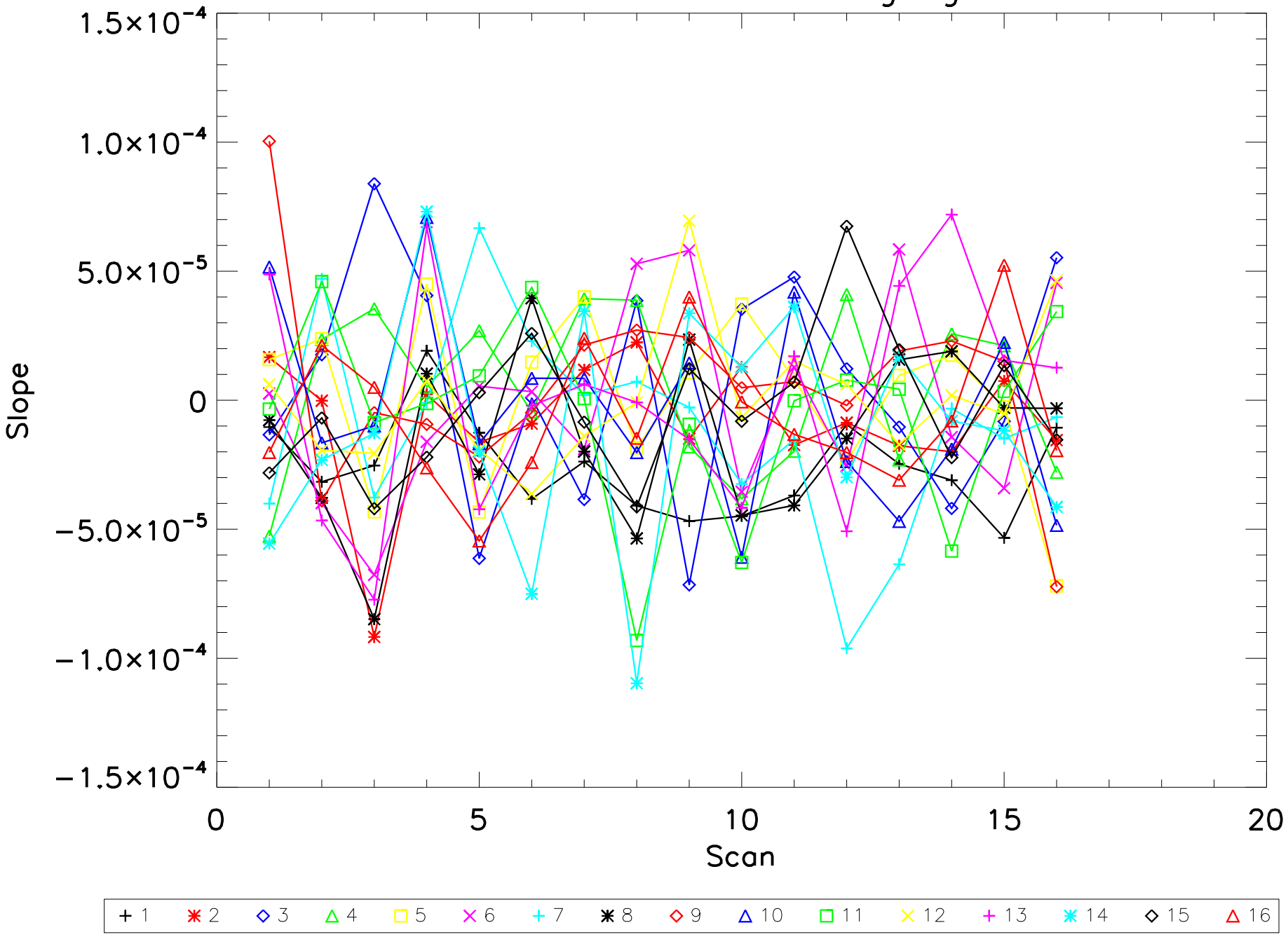
Slope vs Scan
M4 Collect=89 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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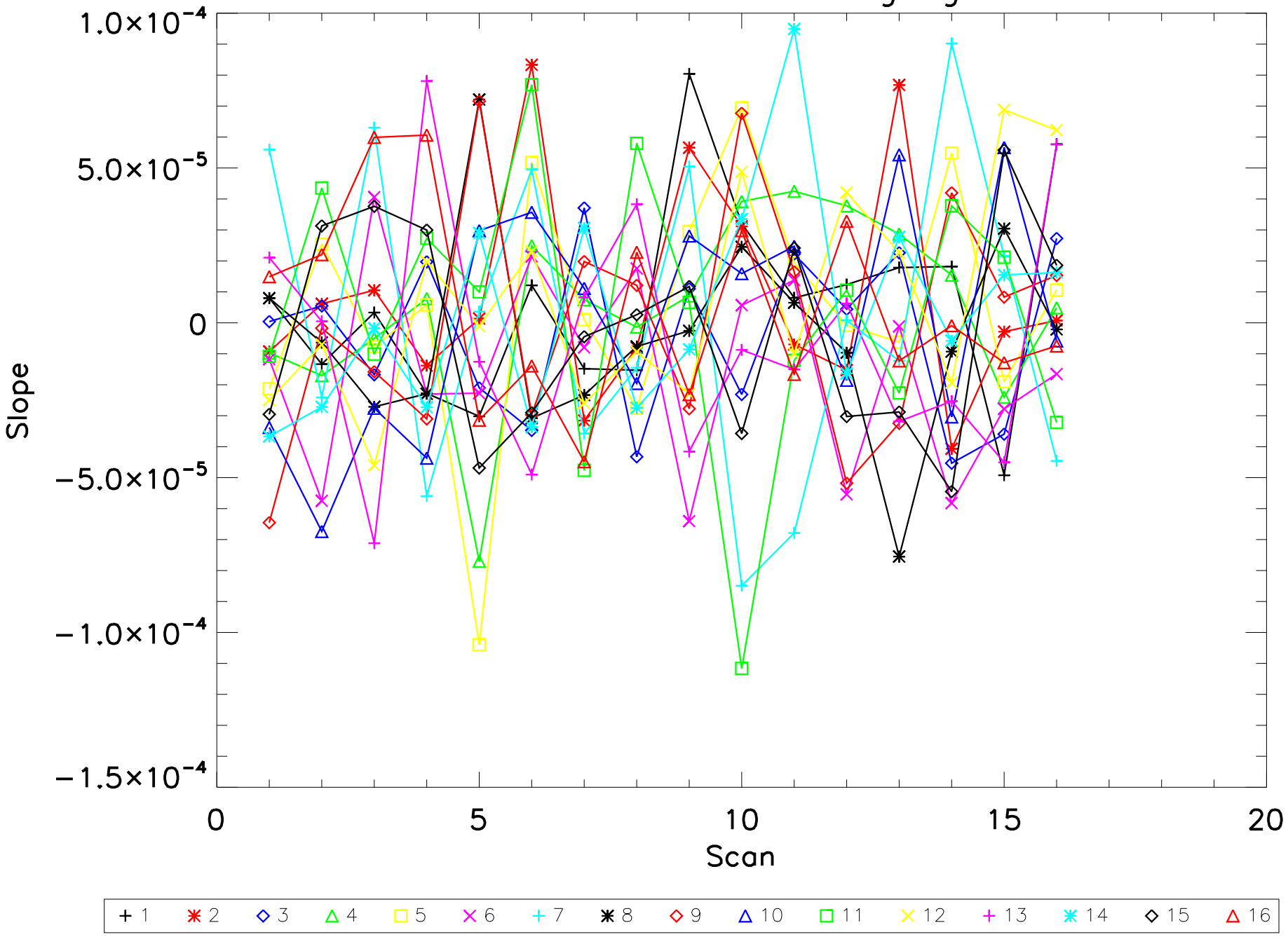
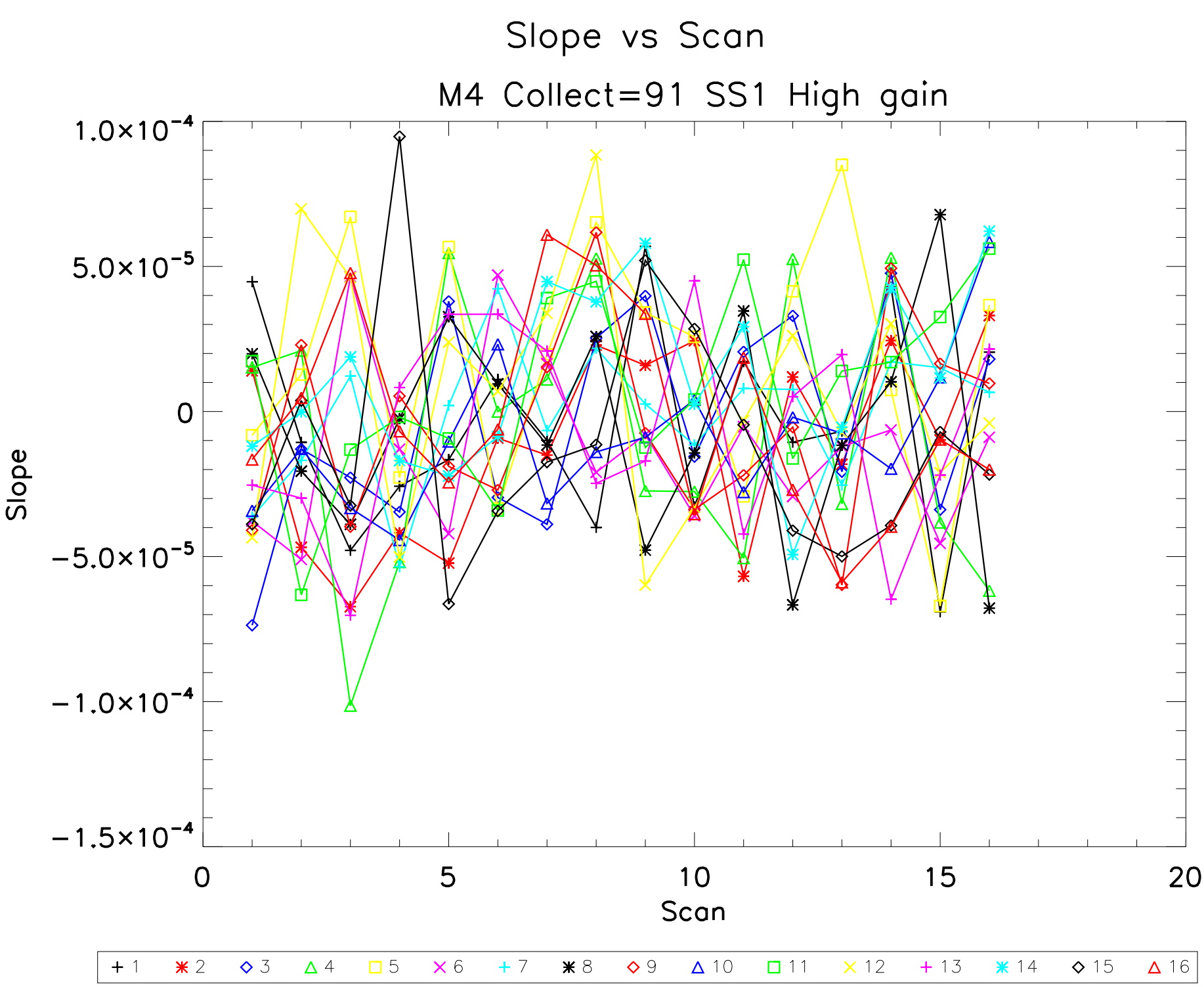
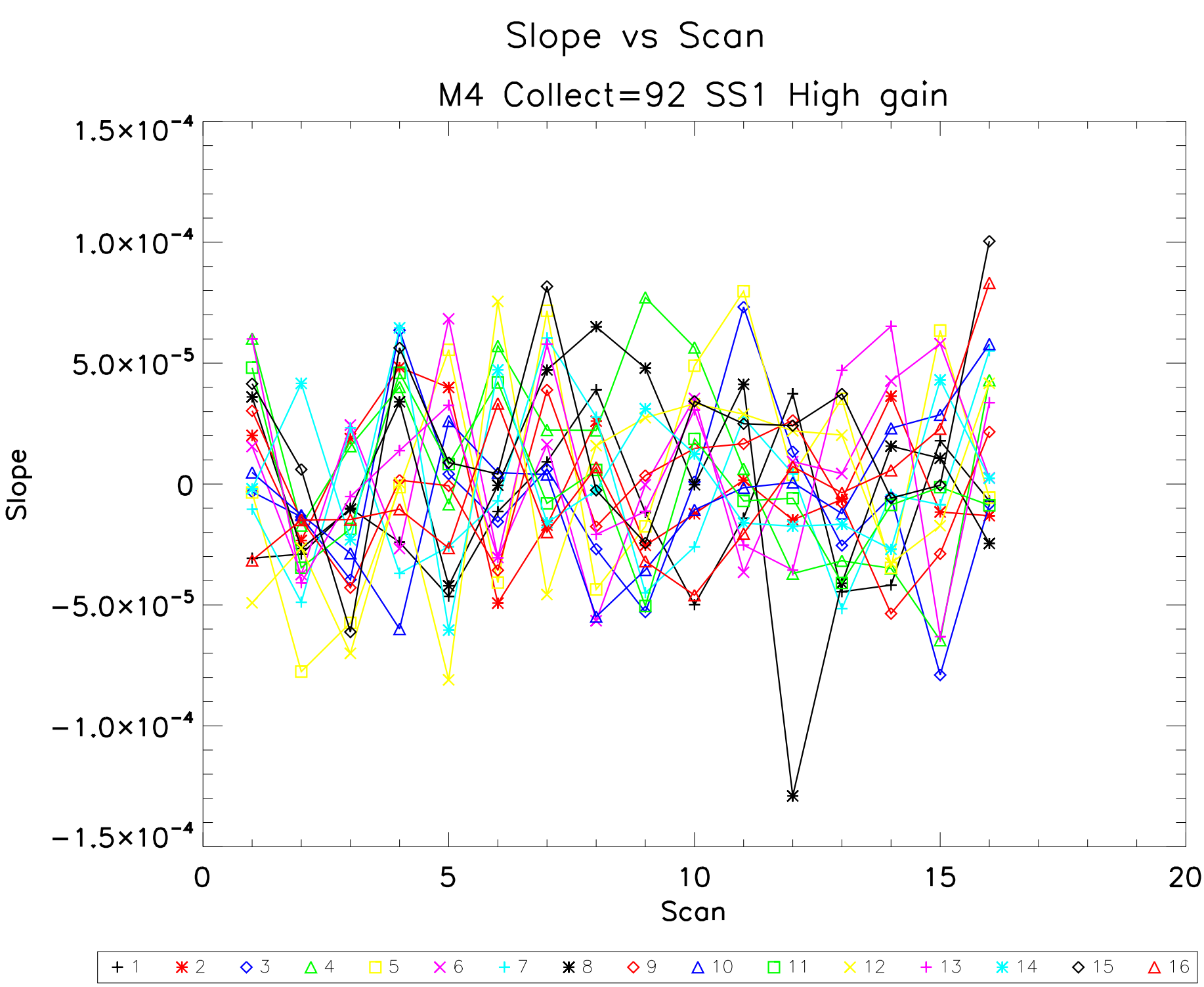

Slope vs Scan
M4 Collect=90 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16


Slope vs Scan
M4 Collect=91 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=92 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
5
10
15
20
Scan
1
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11
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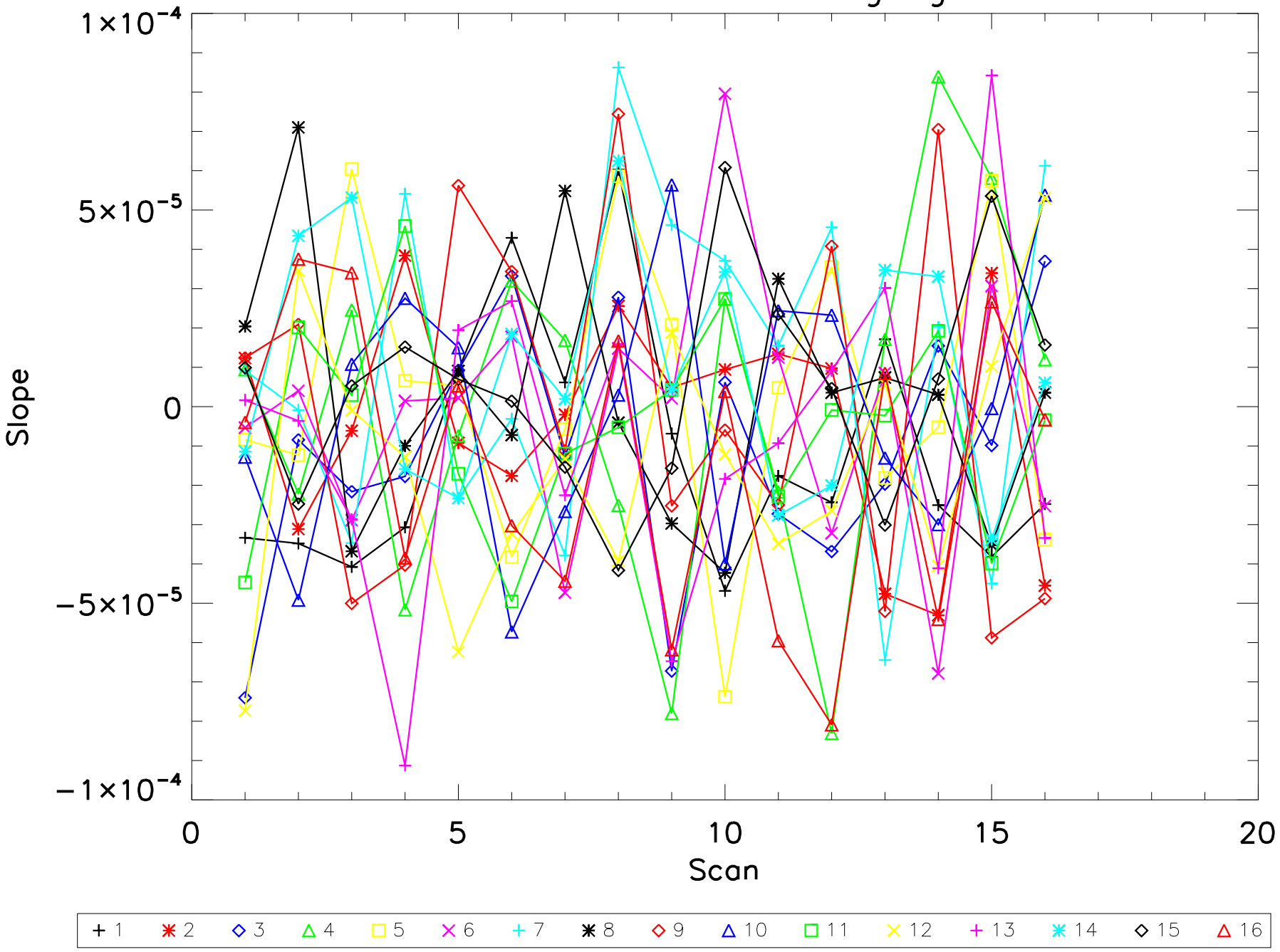
16


Slope vs Scan
M4 Collect=93 SS1 High gain
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
Slope
0
5
10
15
20
Scan
1
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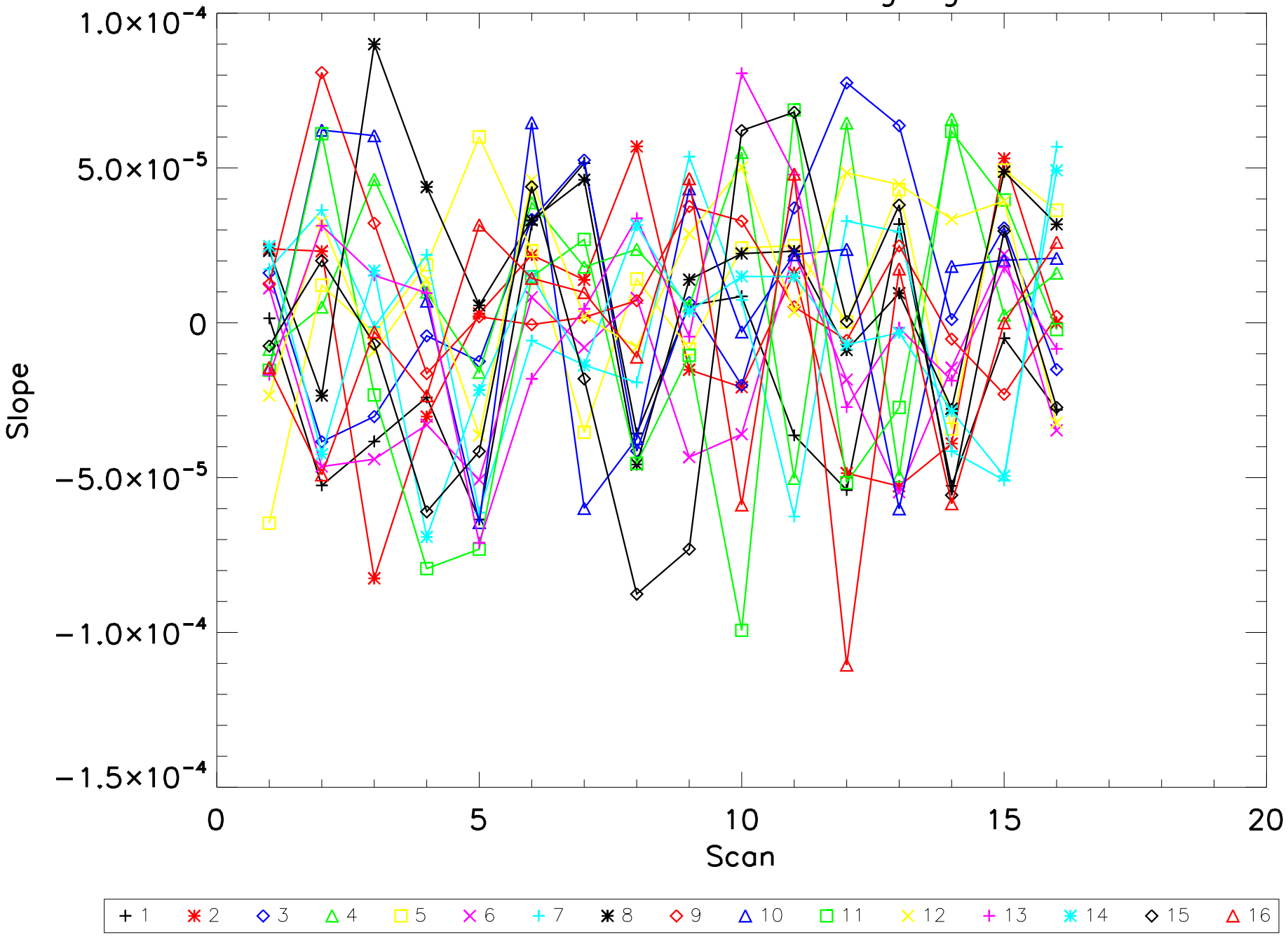
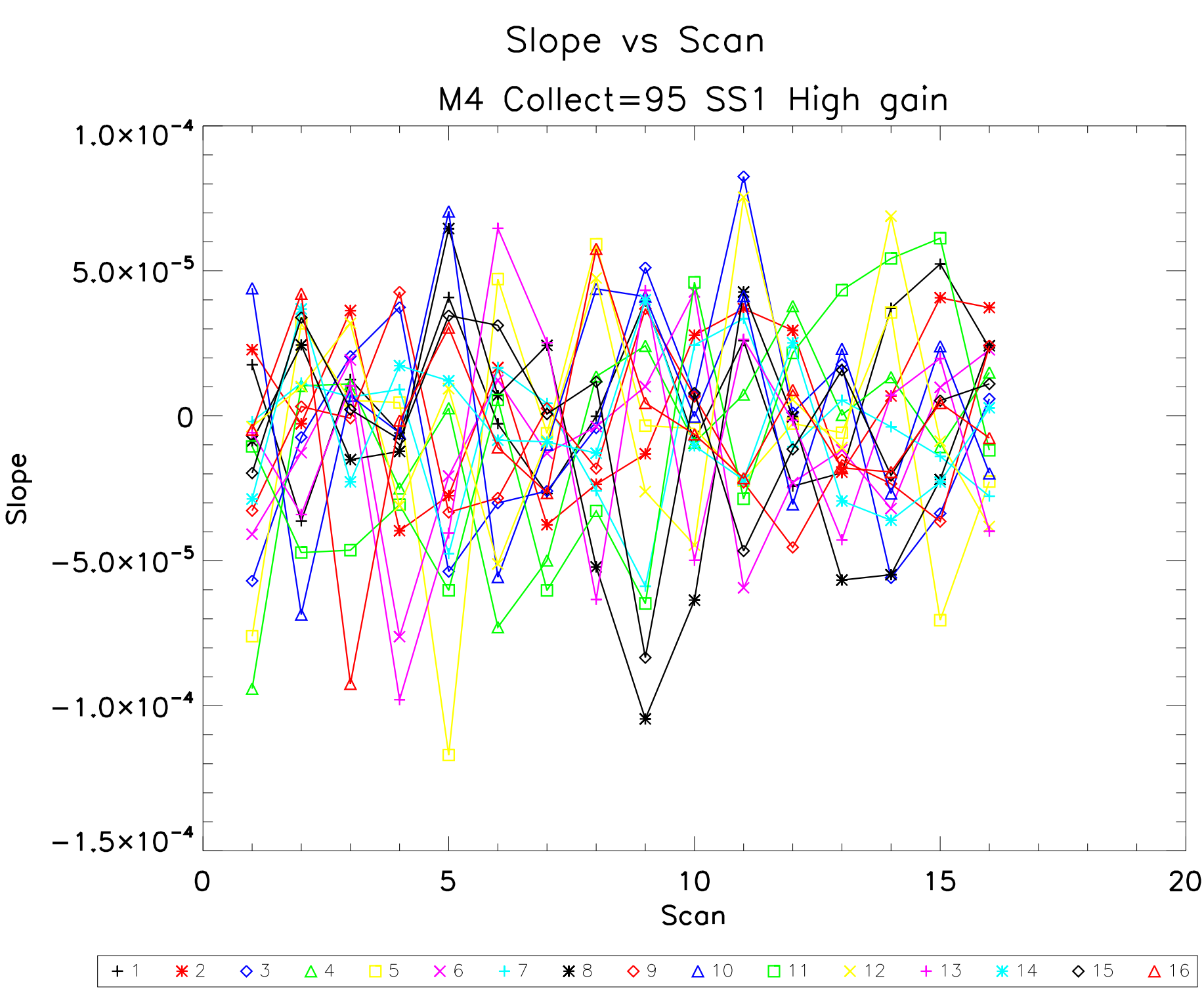
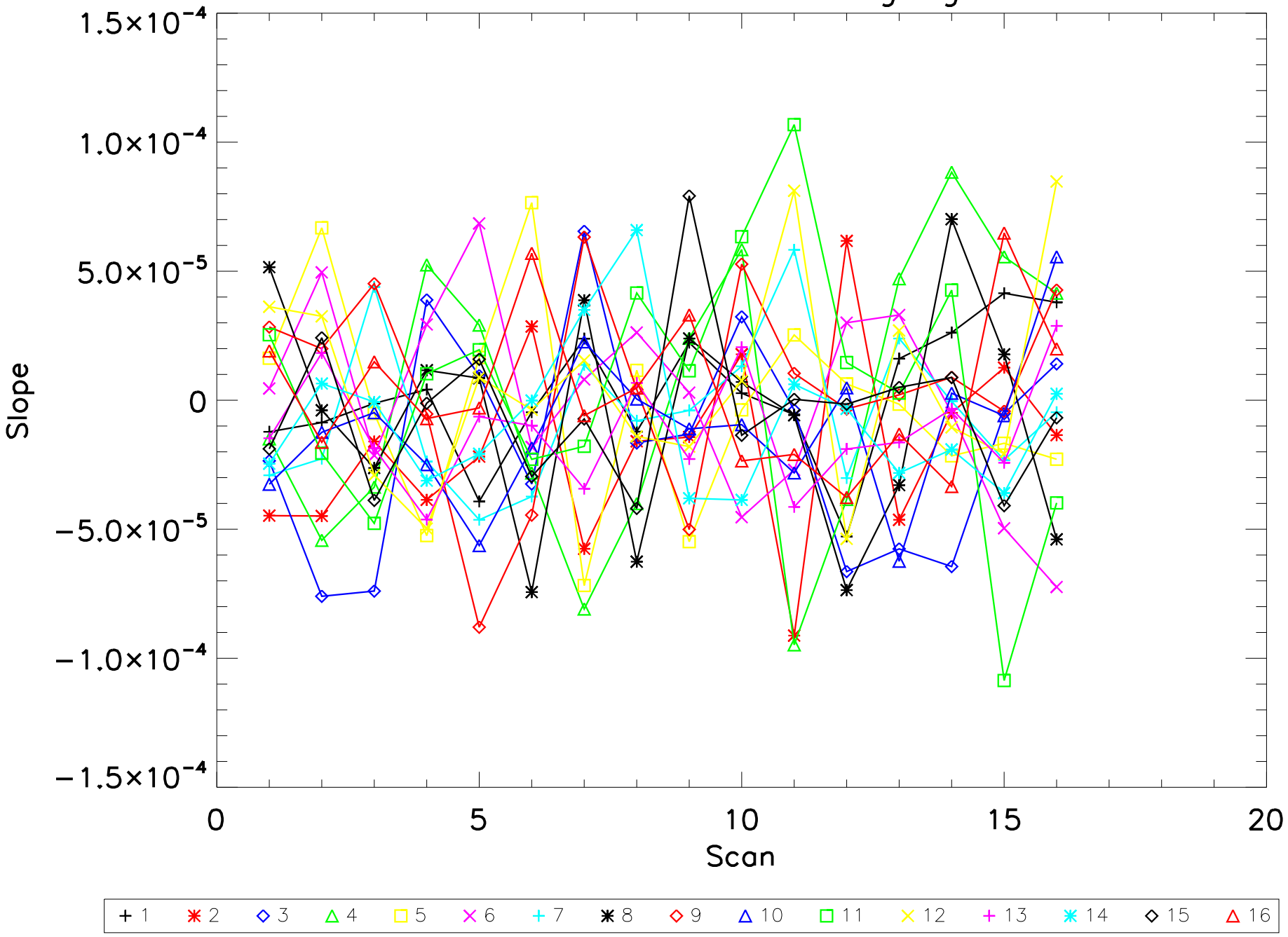

Slope vs Scan
M4 Collect=94 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=95 SS1 High gain
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
Slope
0
5
10
15
20
Scan
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


Slope vs Scan
M4 Collect=96 SS1 High gain
Slope
1.5×10⁻⁴
1.0×10⁻⁴
5.0×10⁻⁵
0
−5.0×10⁻⁵
−1.0×10⁻⁴
−1.5×10⁻⁴
0
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