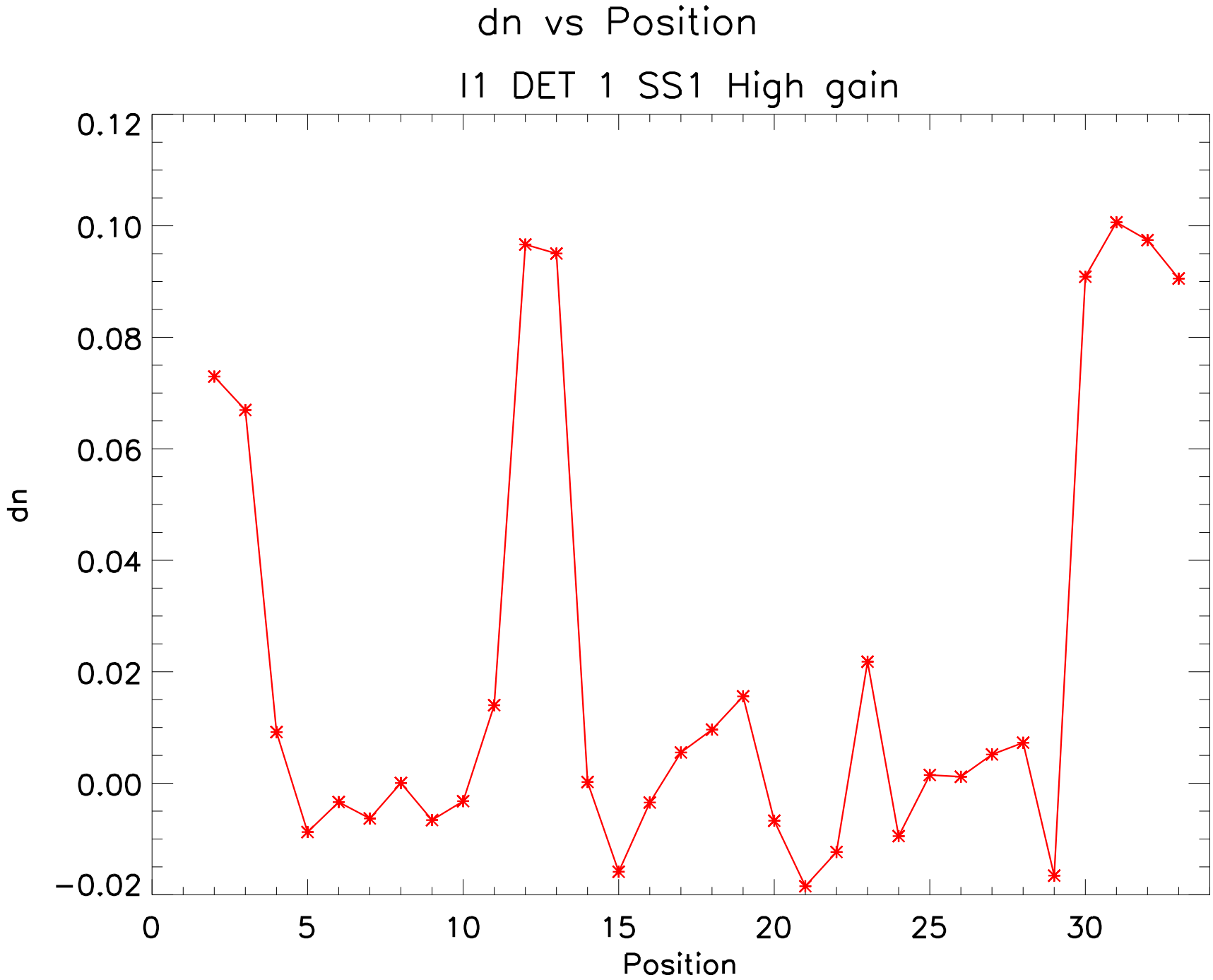
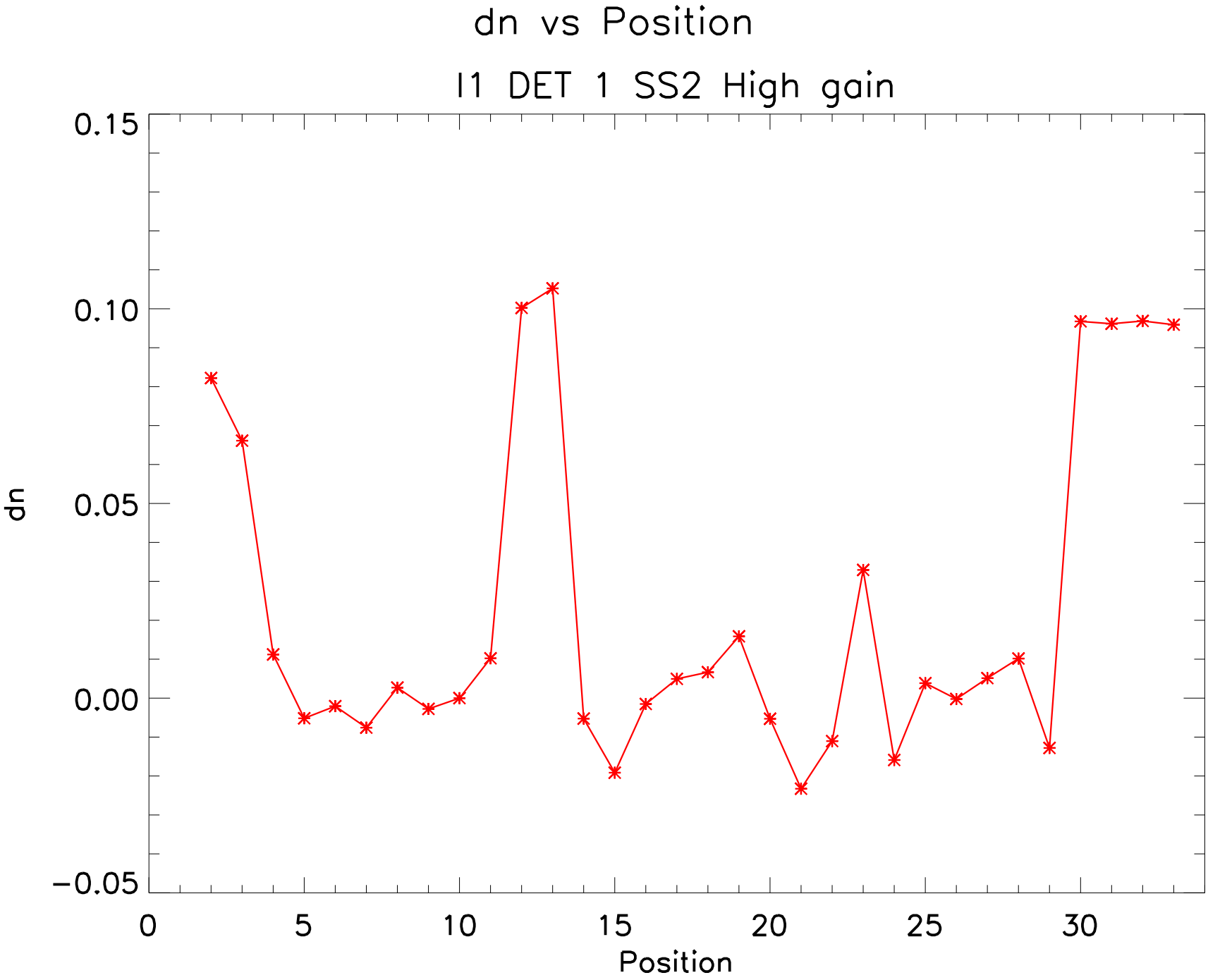
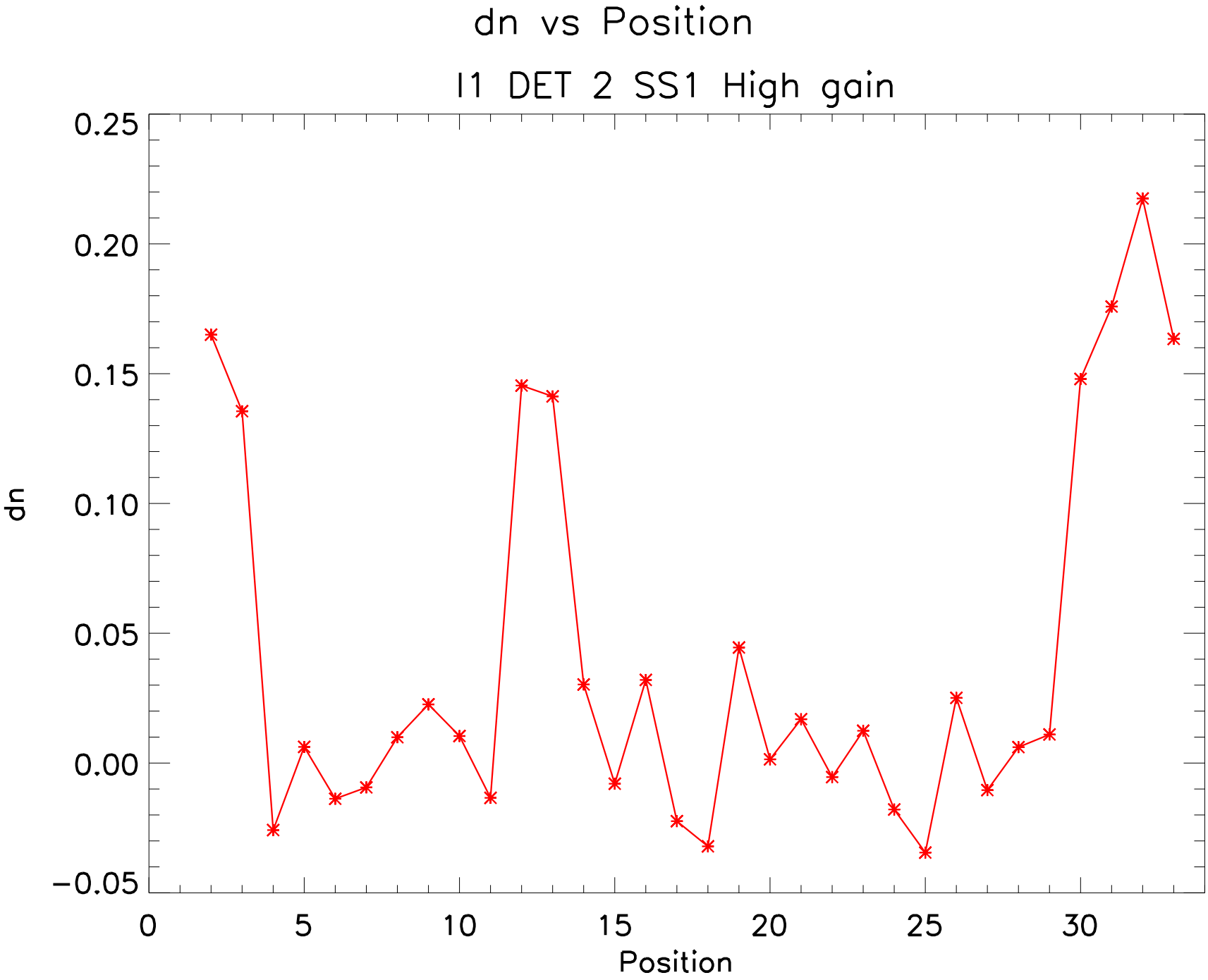
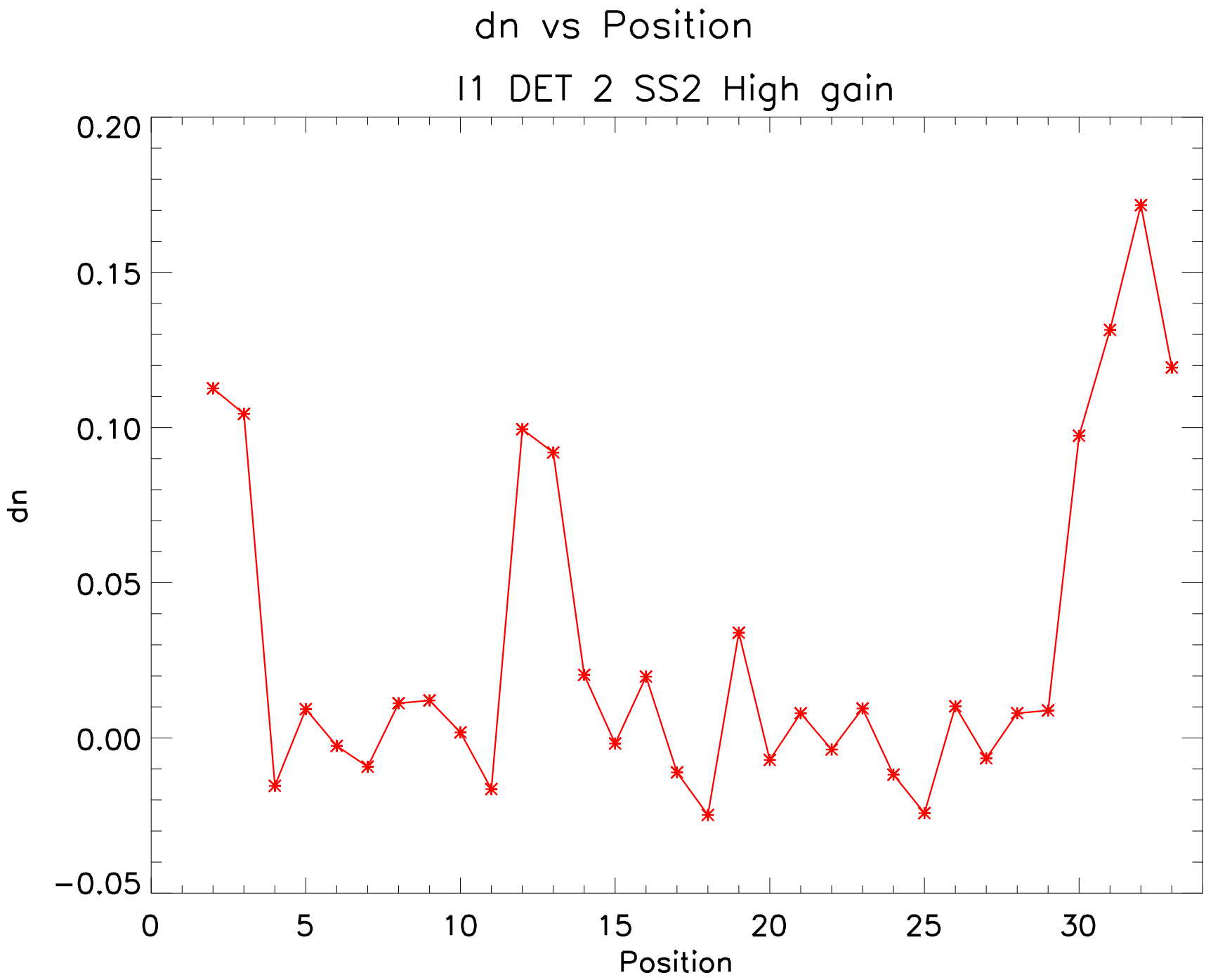
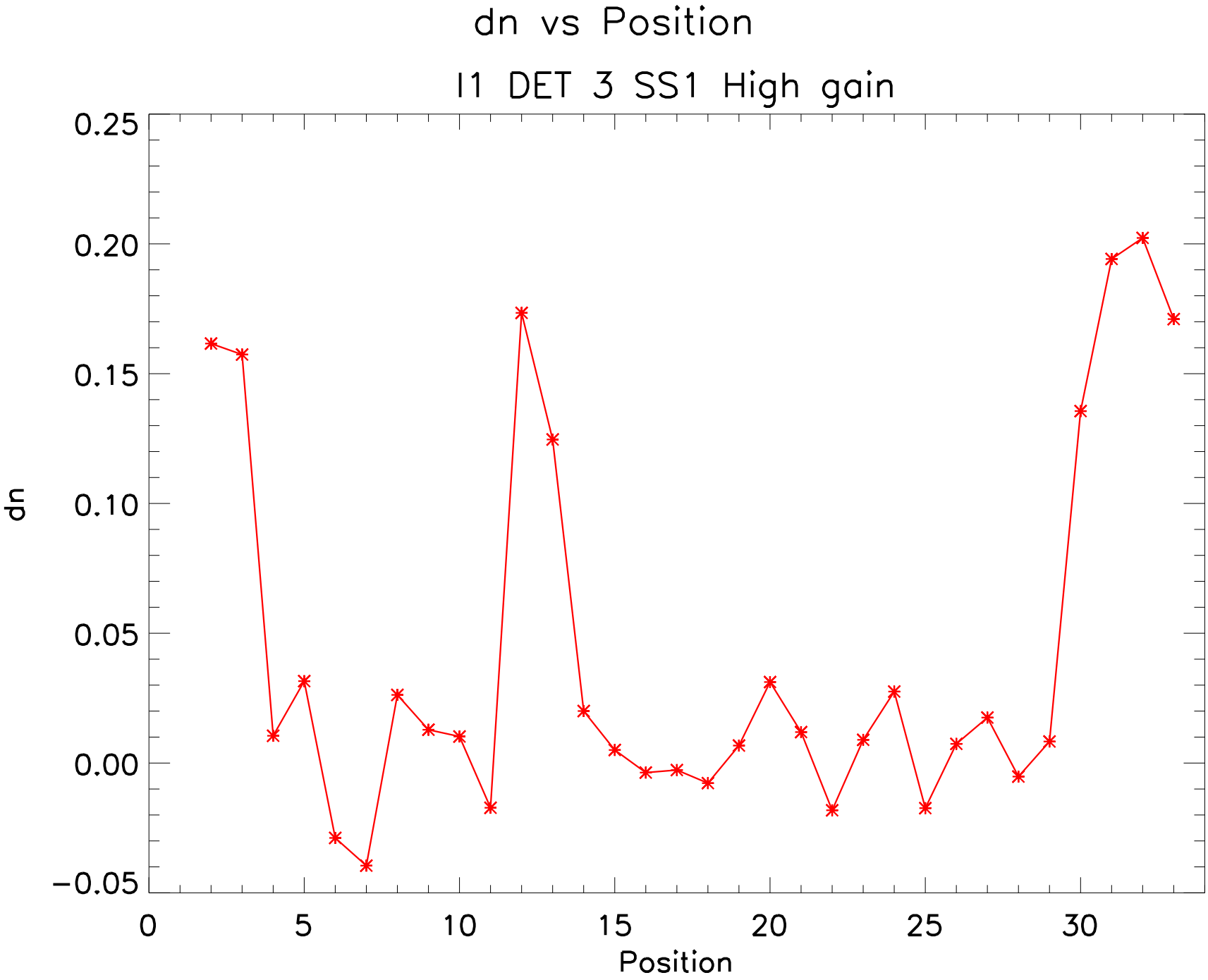
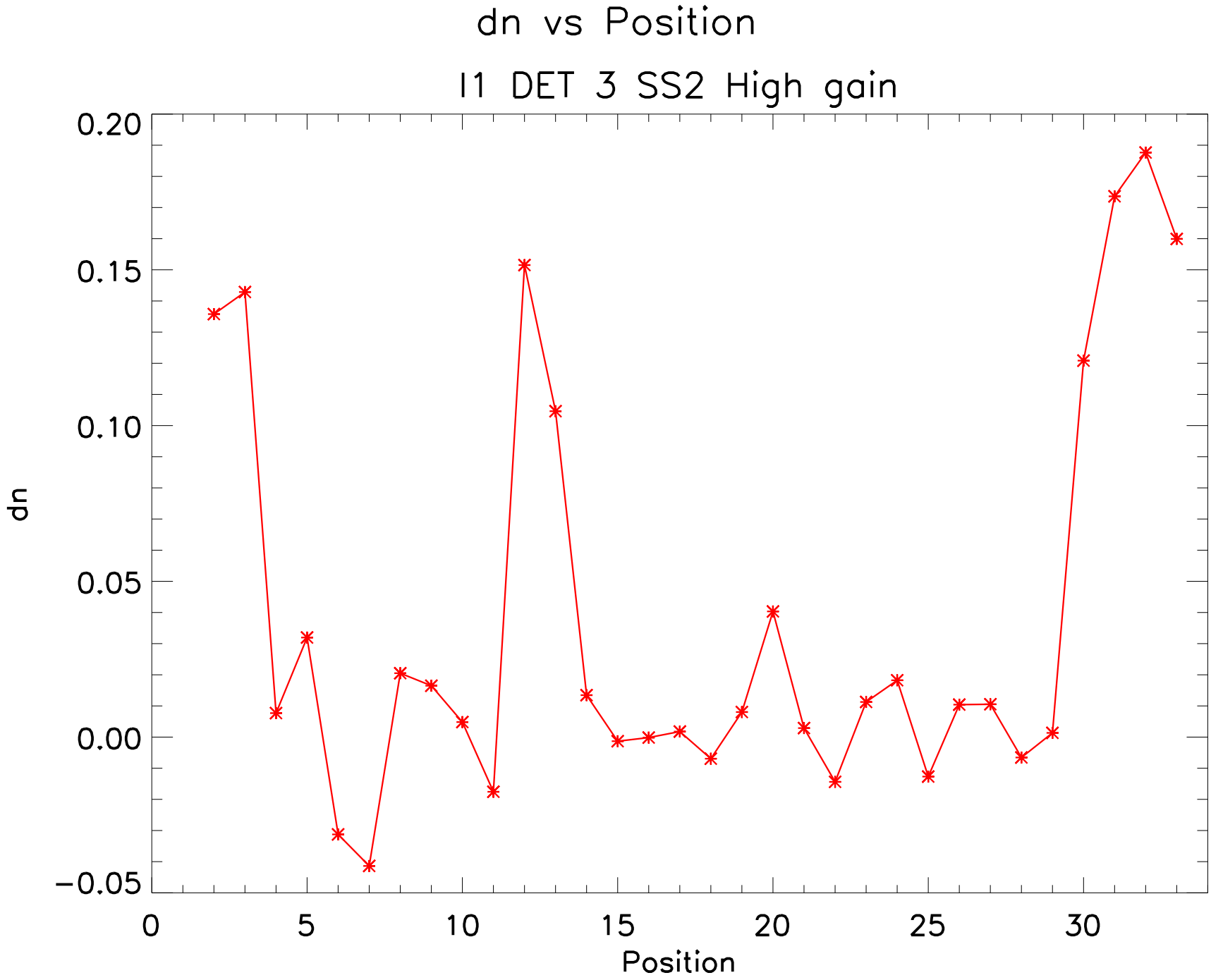

dn vs Position
I1 DET 1 SS1 High gain
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
dn
0
5
10
15
20
25
30
Position

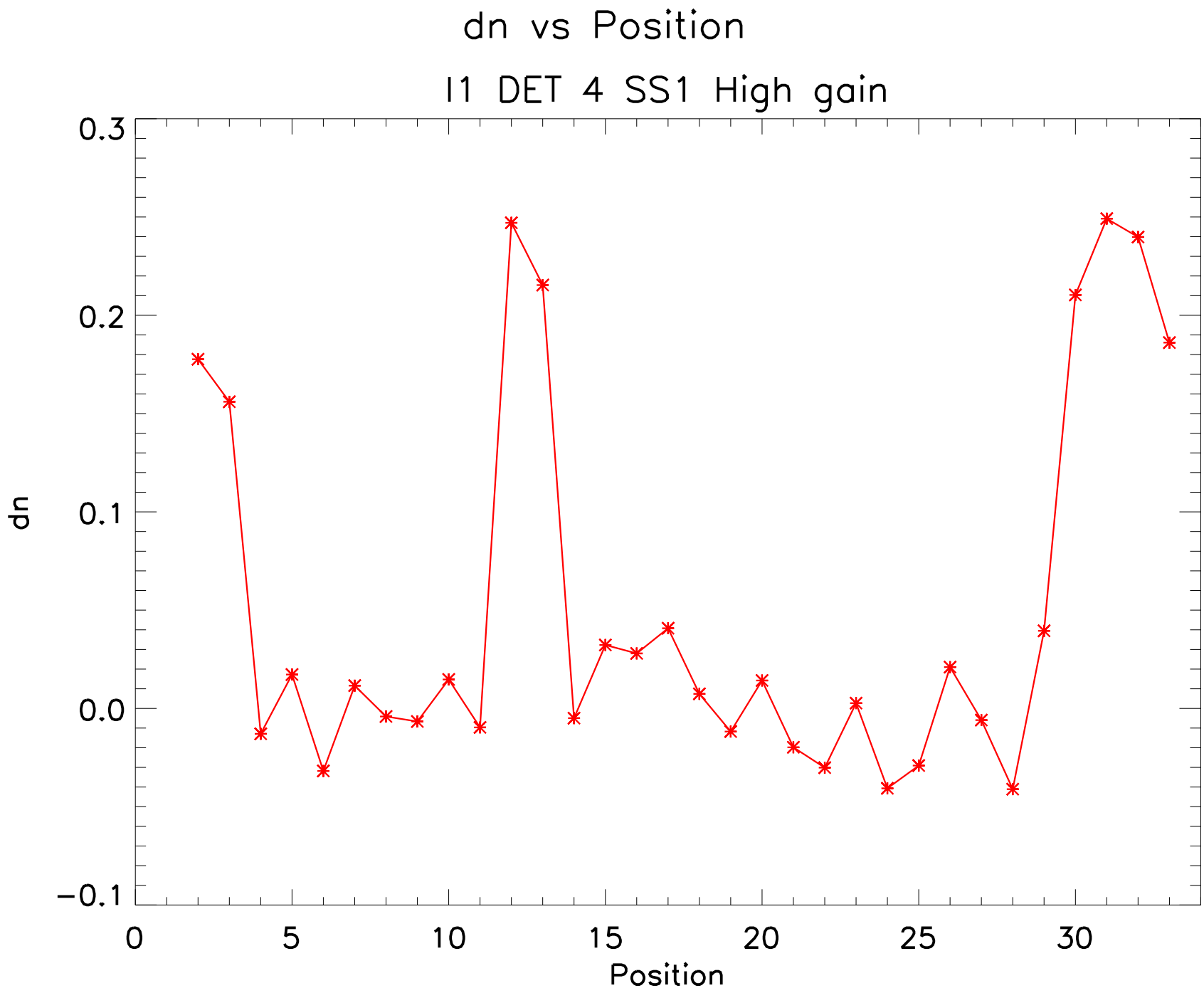

dn vs Position
I1 DET 1 SS2 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

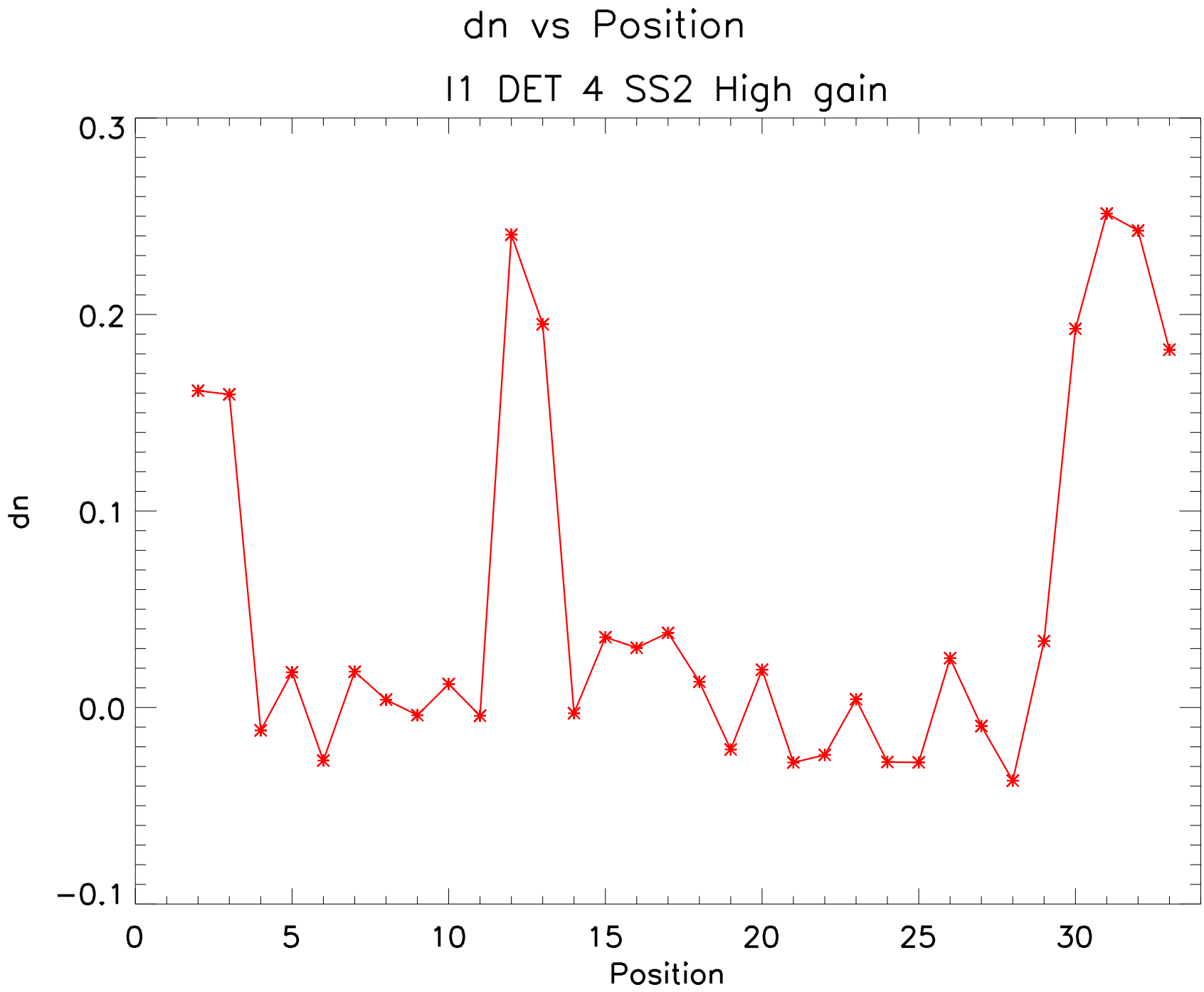

dn vs Position
I1 DET 2 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

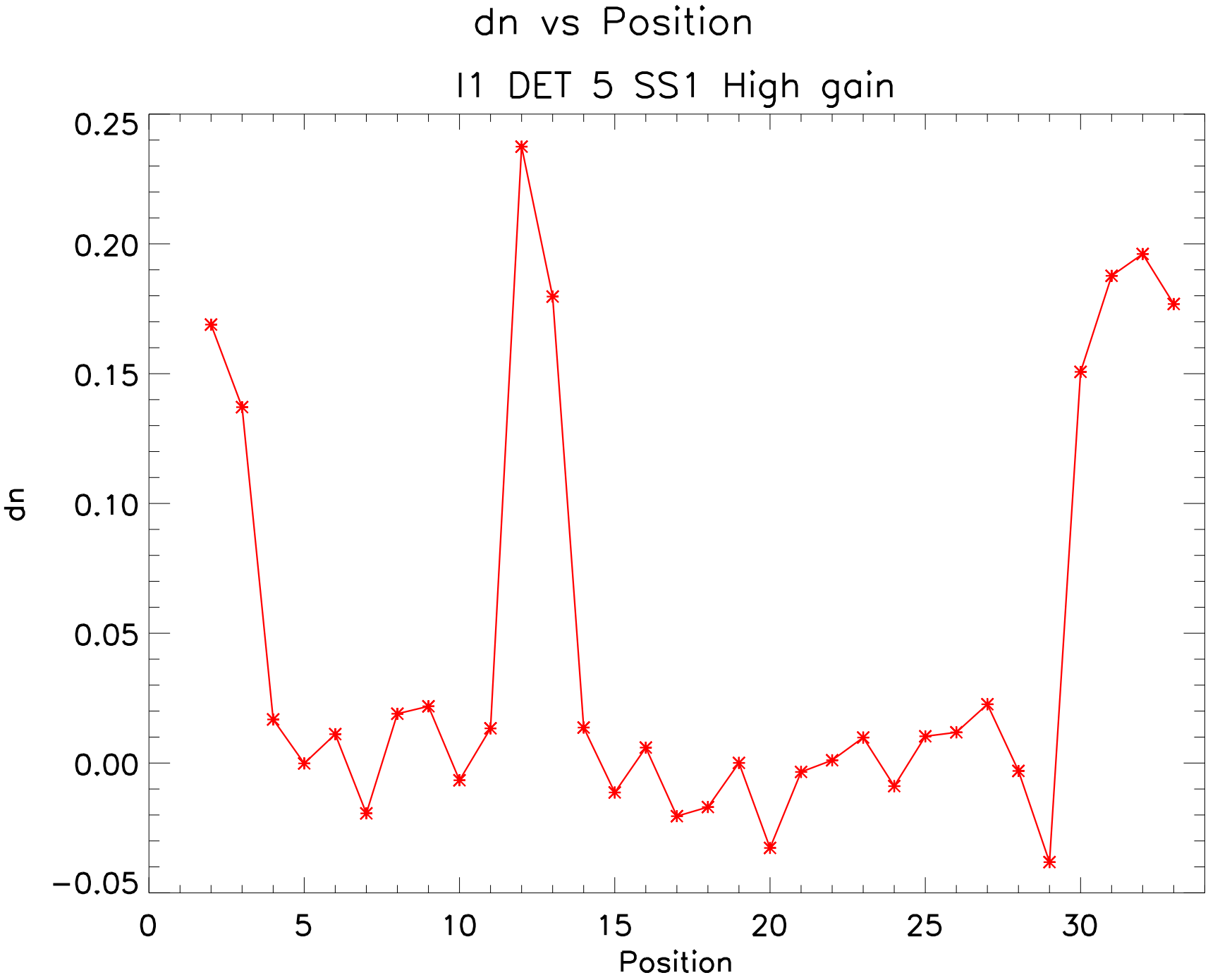

dn vs Position
I1 DET 2 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

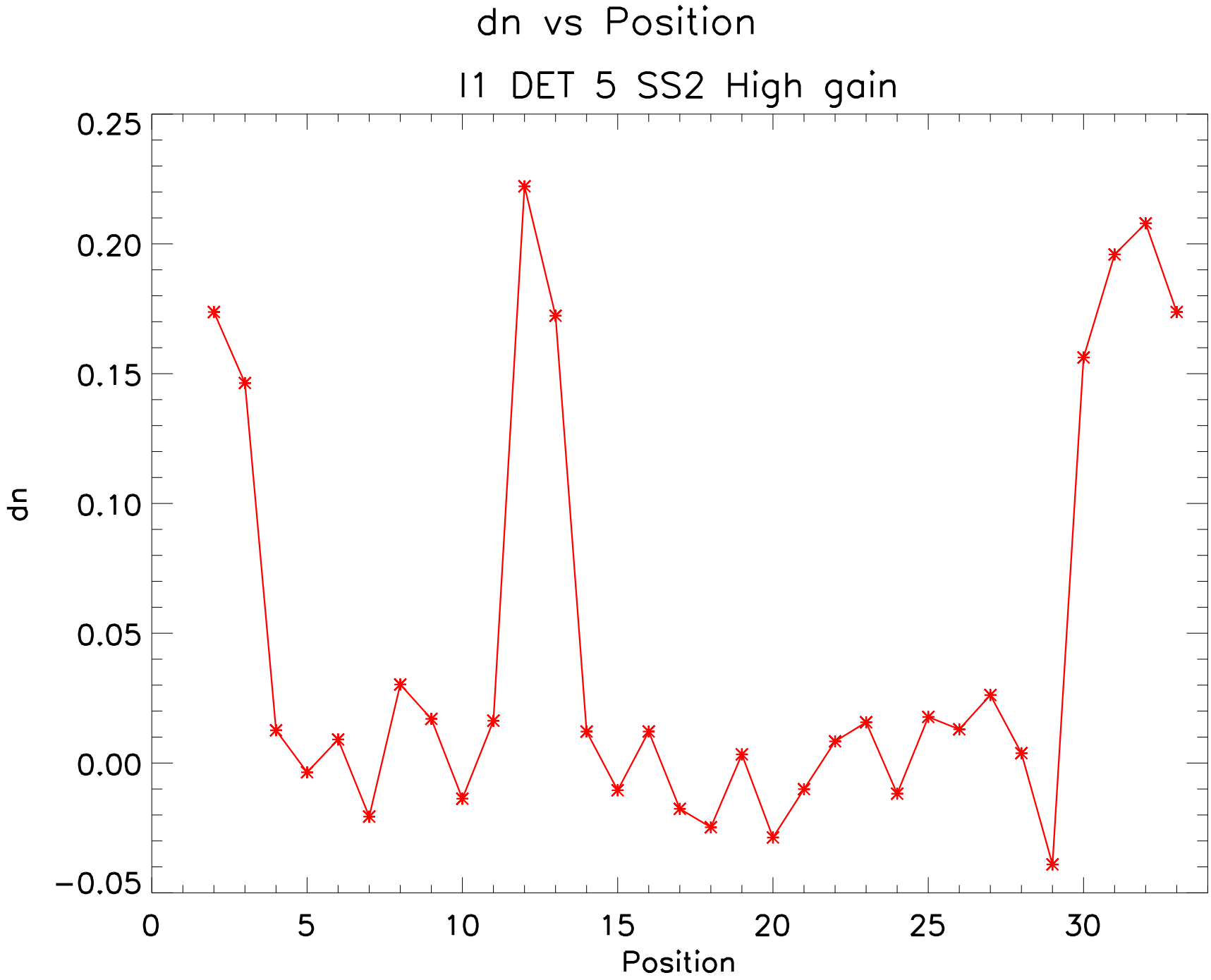

dn vs Position
I1 DET 3 SS1 High gain
dn
Position
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30

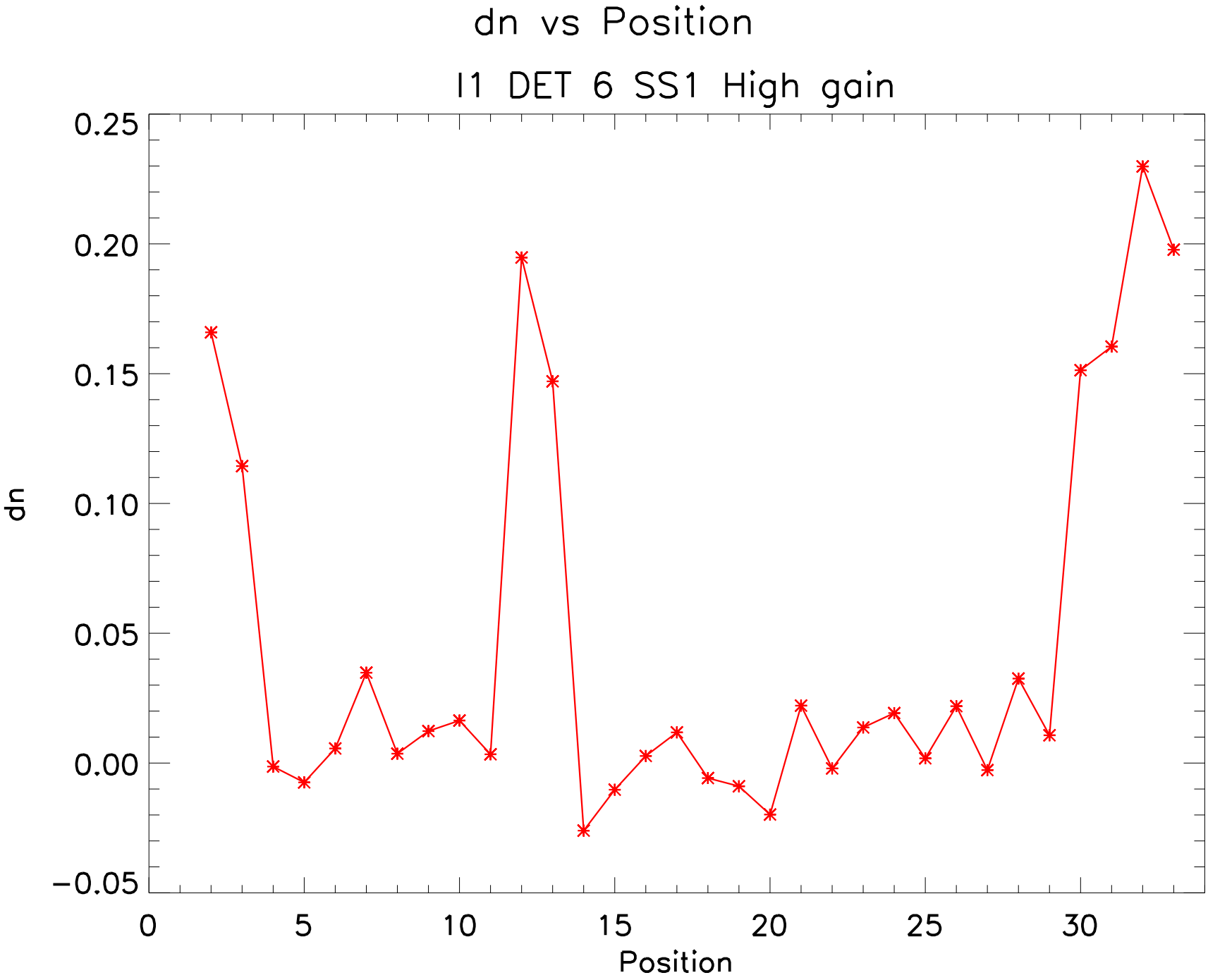

dn vs Position
I1 DET 3 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

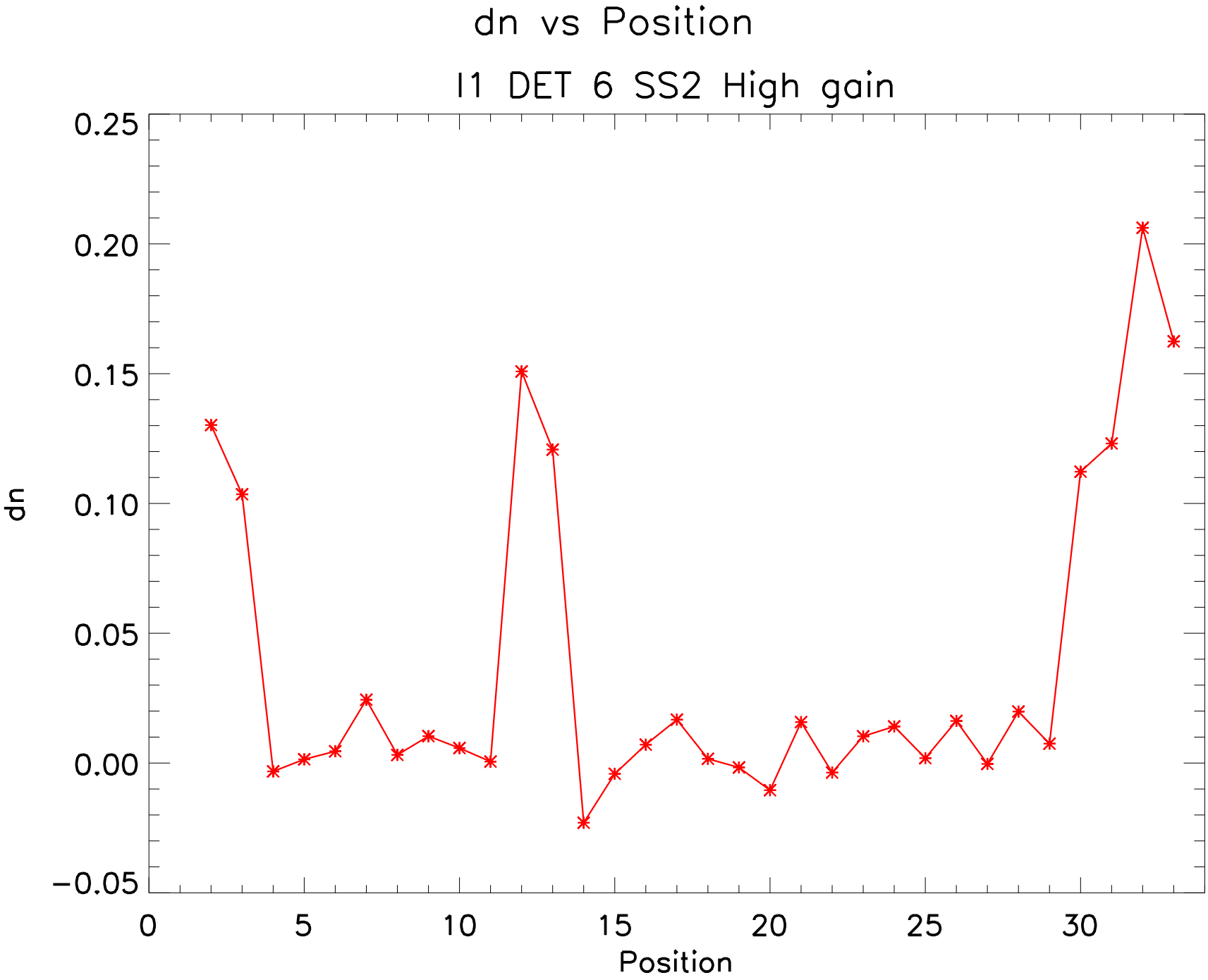

dn vs Position
I1 DET 4 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

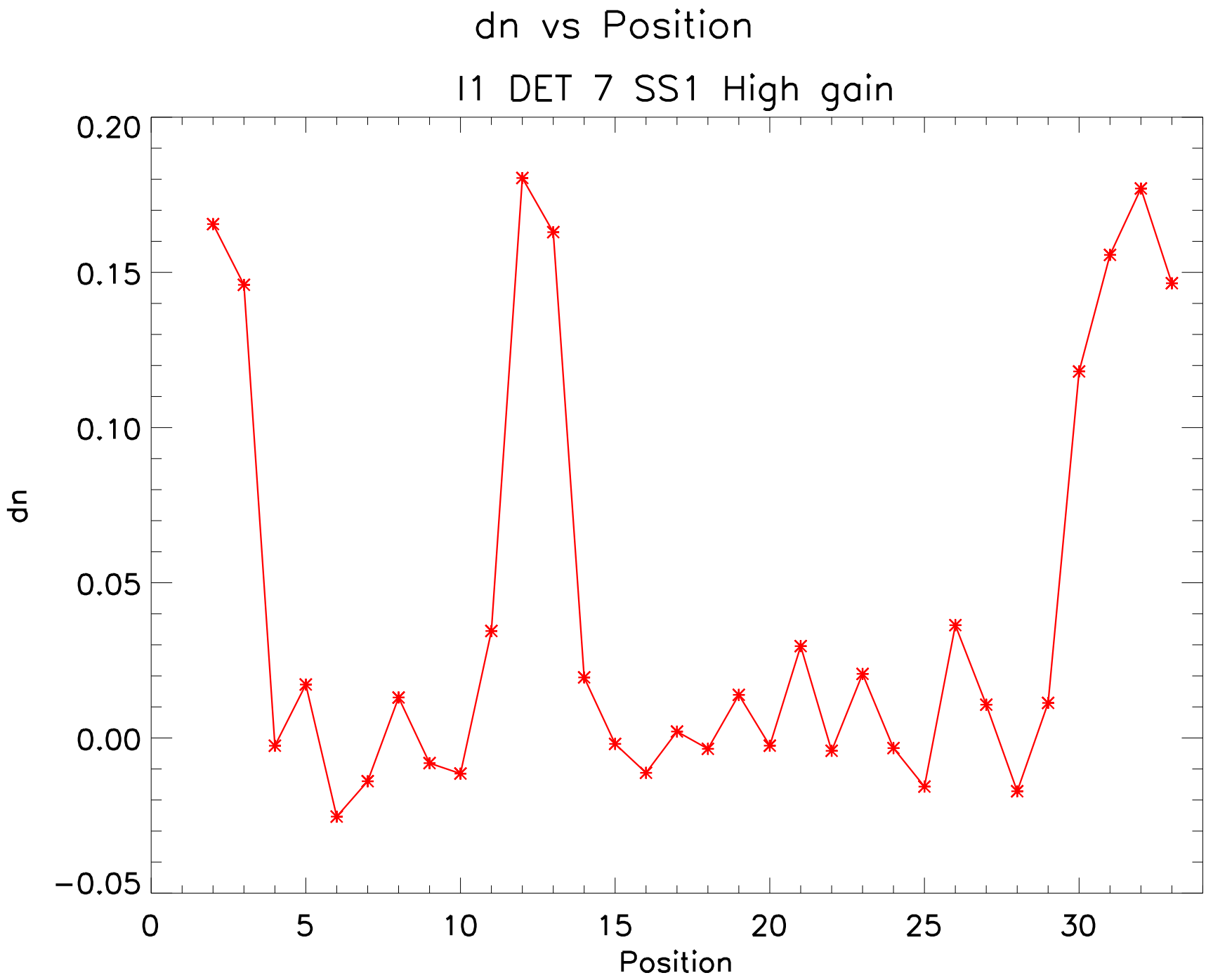

dn vs Position
I1 DET 4 SS2 High gain
dn
Position
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

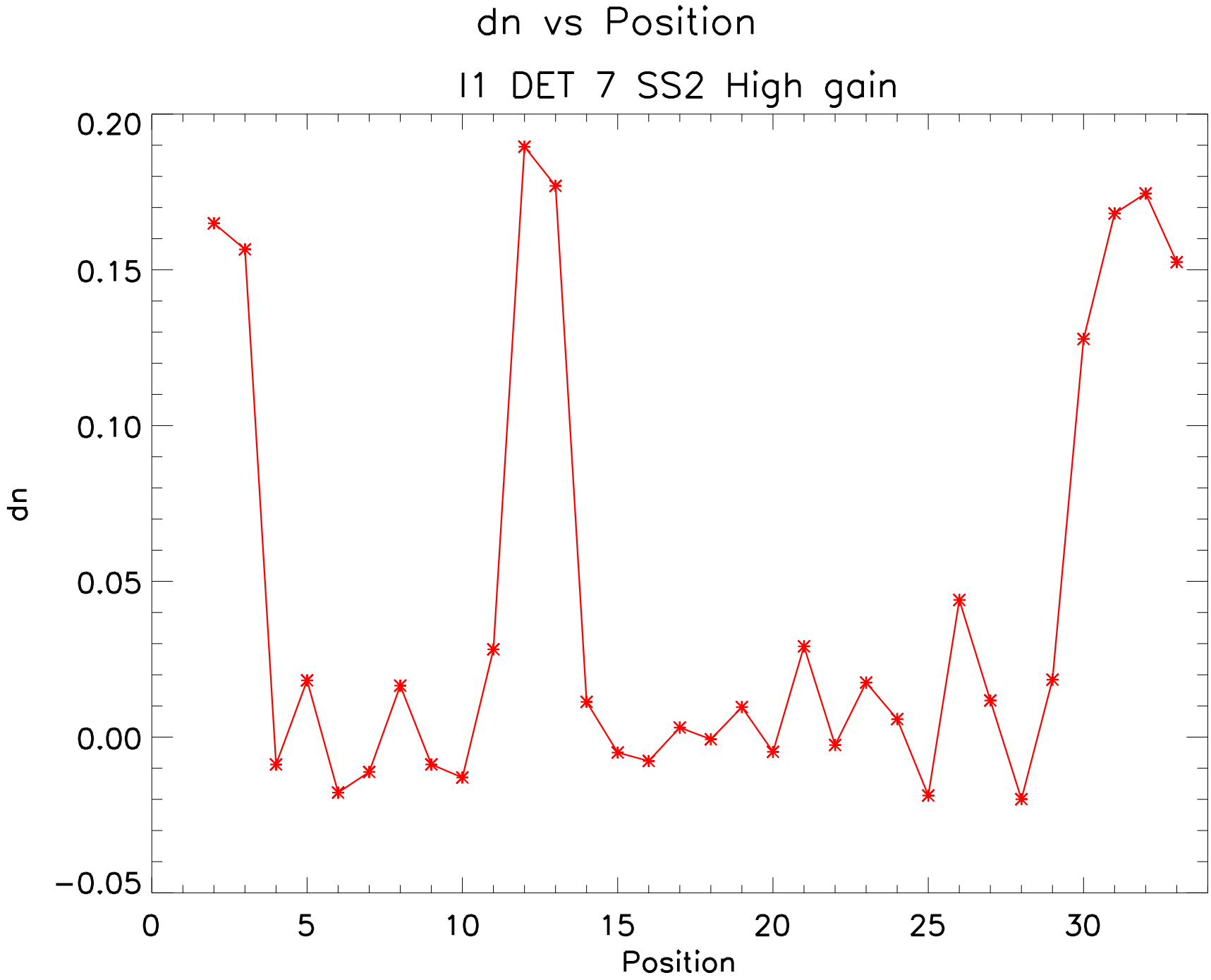

dn vs Position
I1 DET 5 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

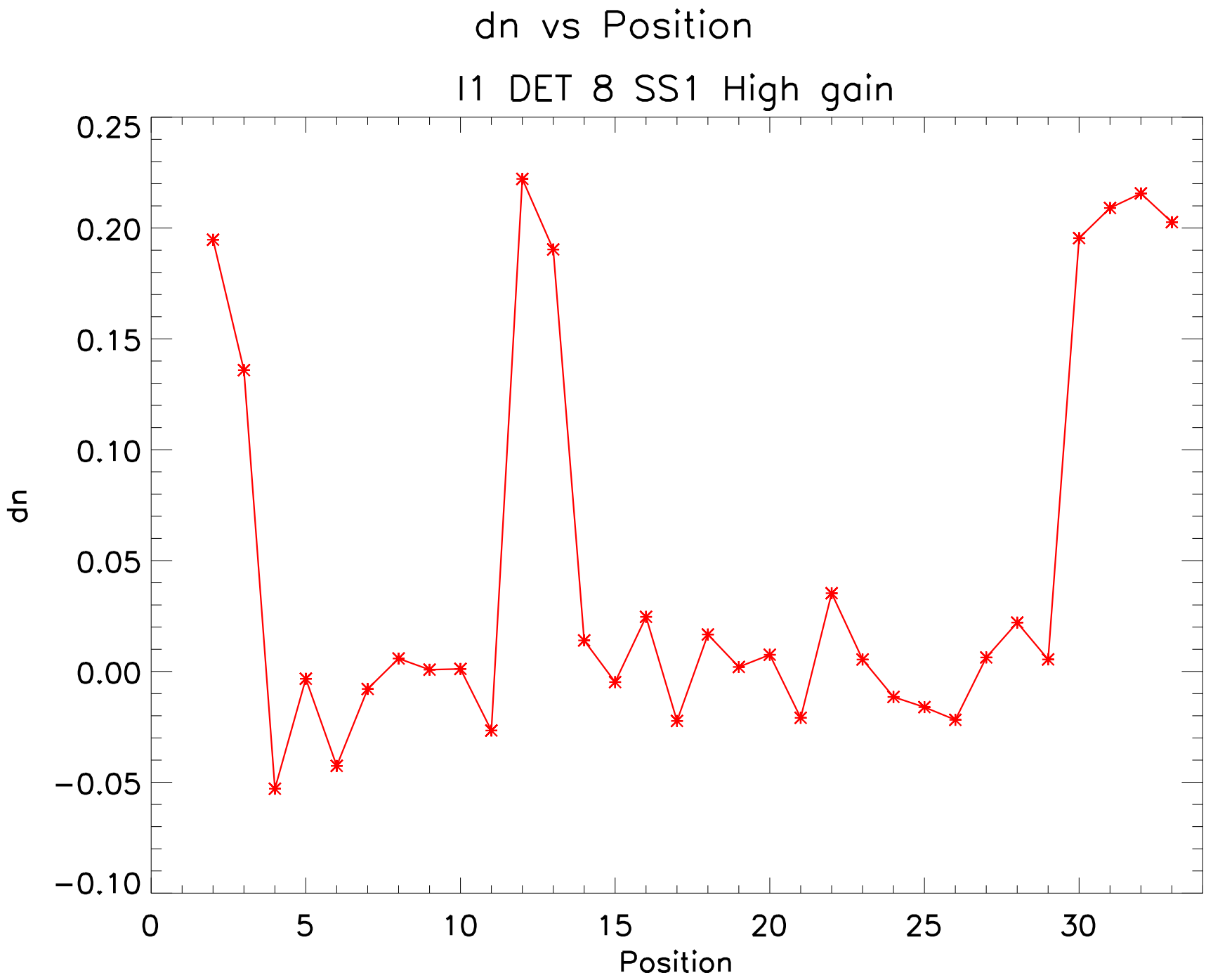

dn vs Position
I1 DET 5 SS2 High gain
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

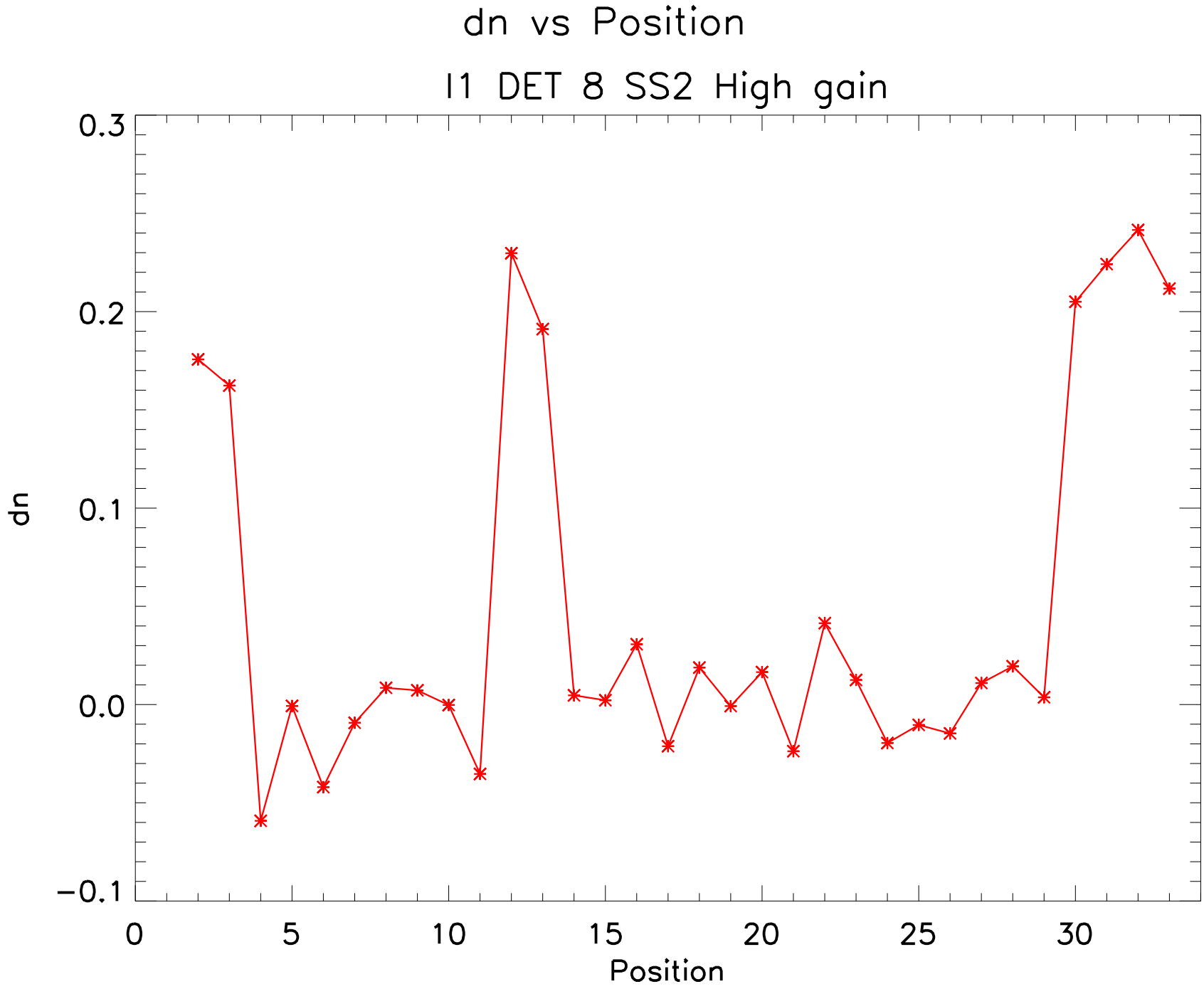

dn vs Position
I1 DET 6 SS1 High gain
dn
Position
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30

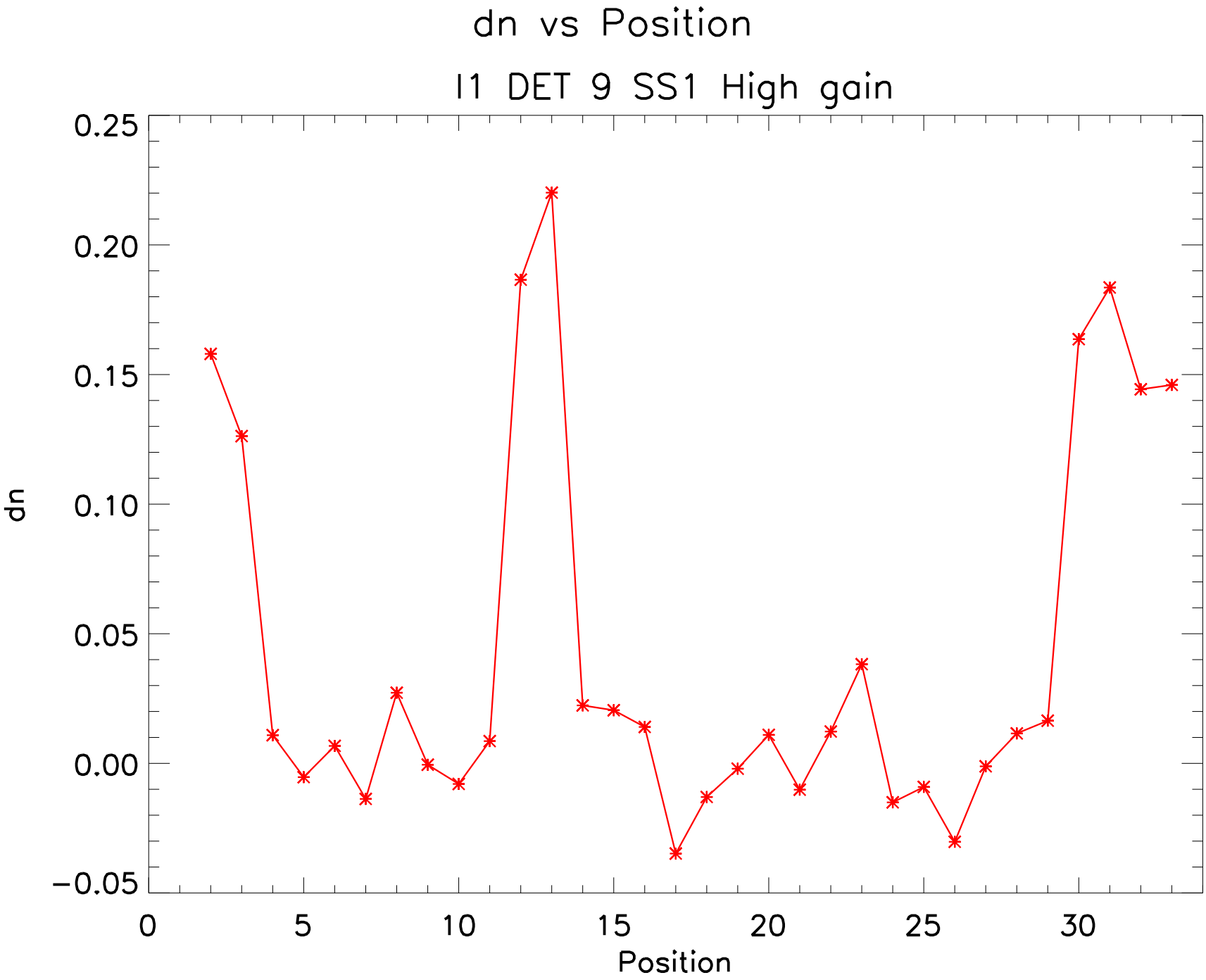

dn vs Position
I1 DET 6 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

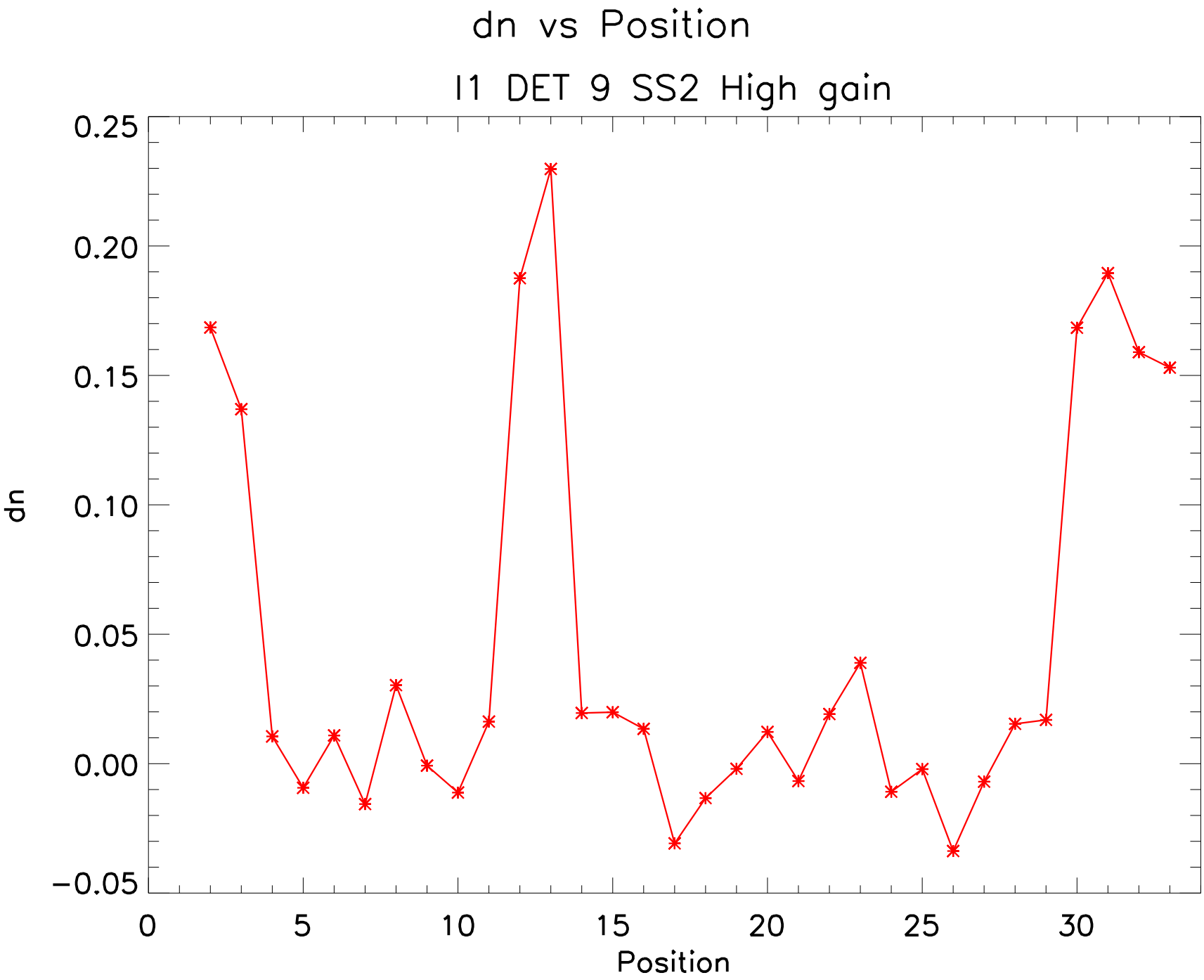

dn vs Position
I1 DET 7 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

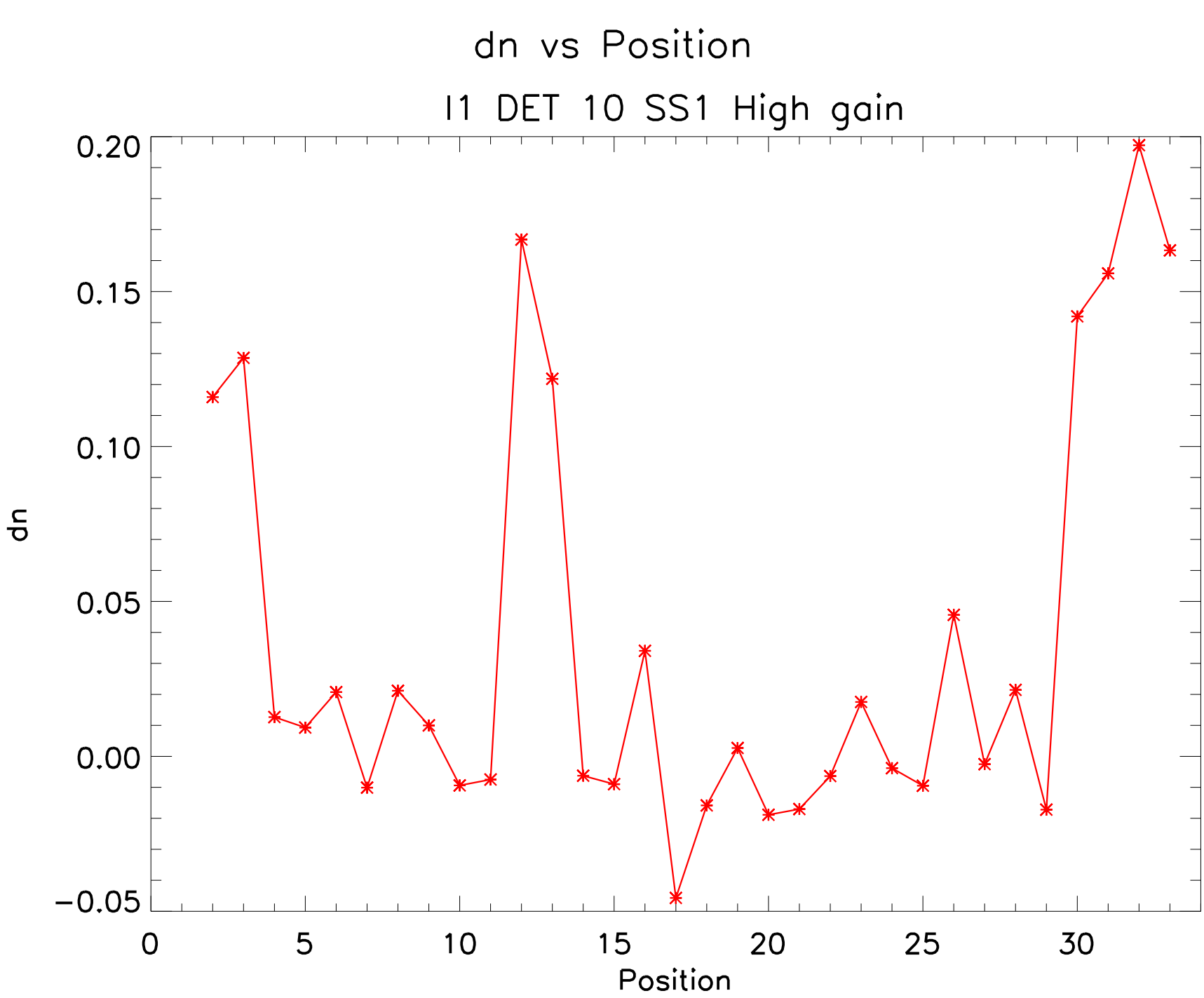

dn vs Position
I1 DET 7 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

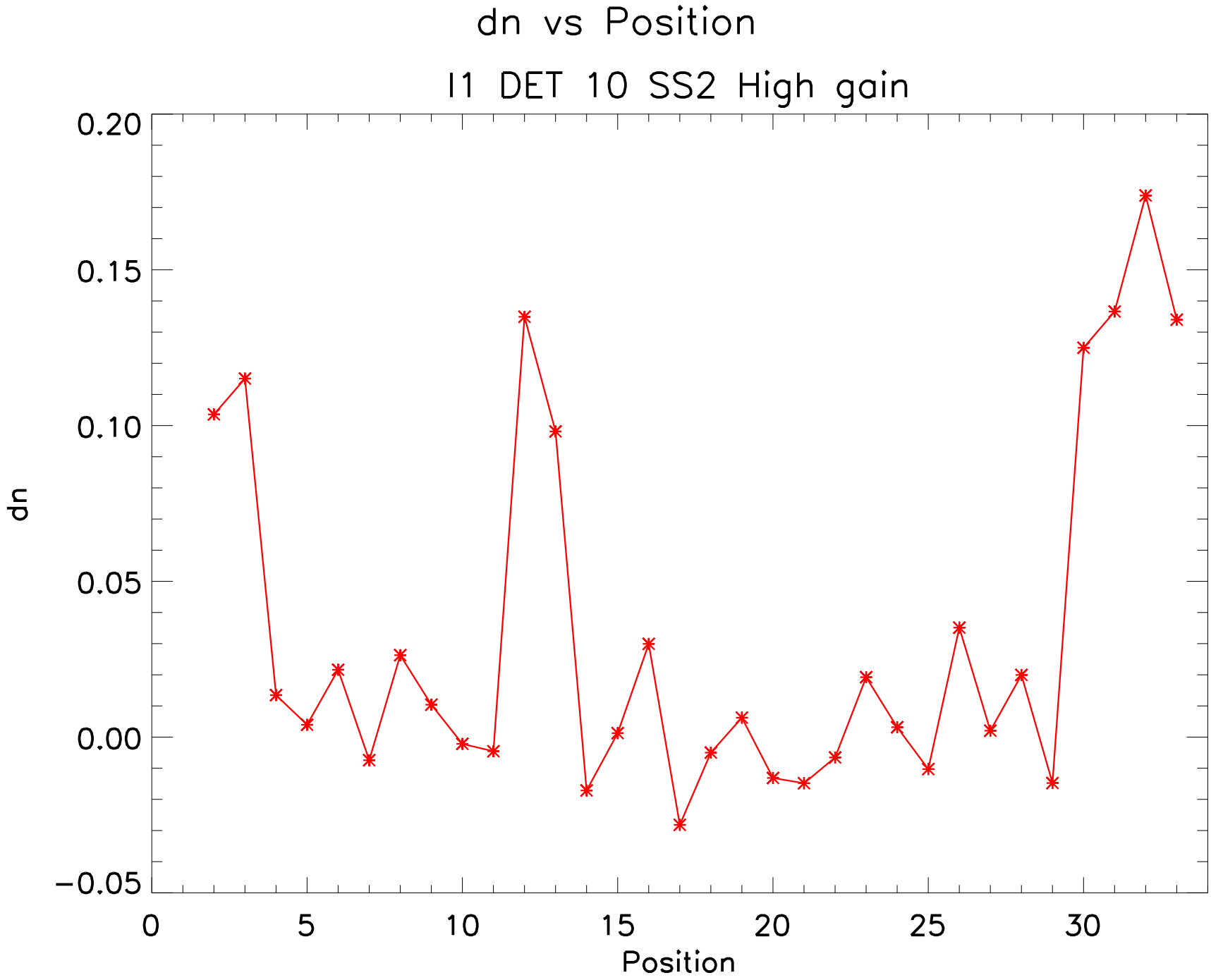

dn vs Position
I1 DET 8 SS1 High gain
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
dn
0
5
10
15
20
25
30
Position

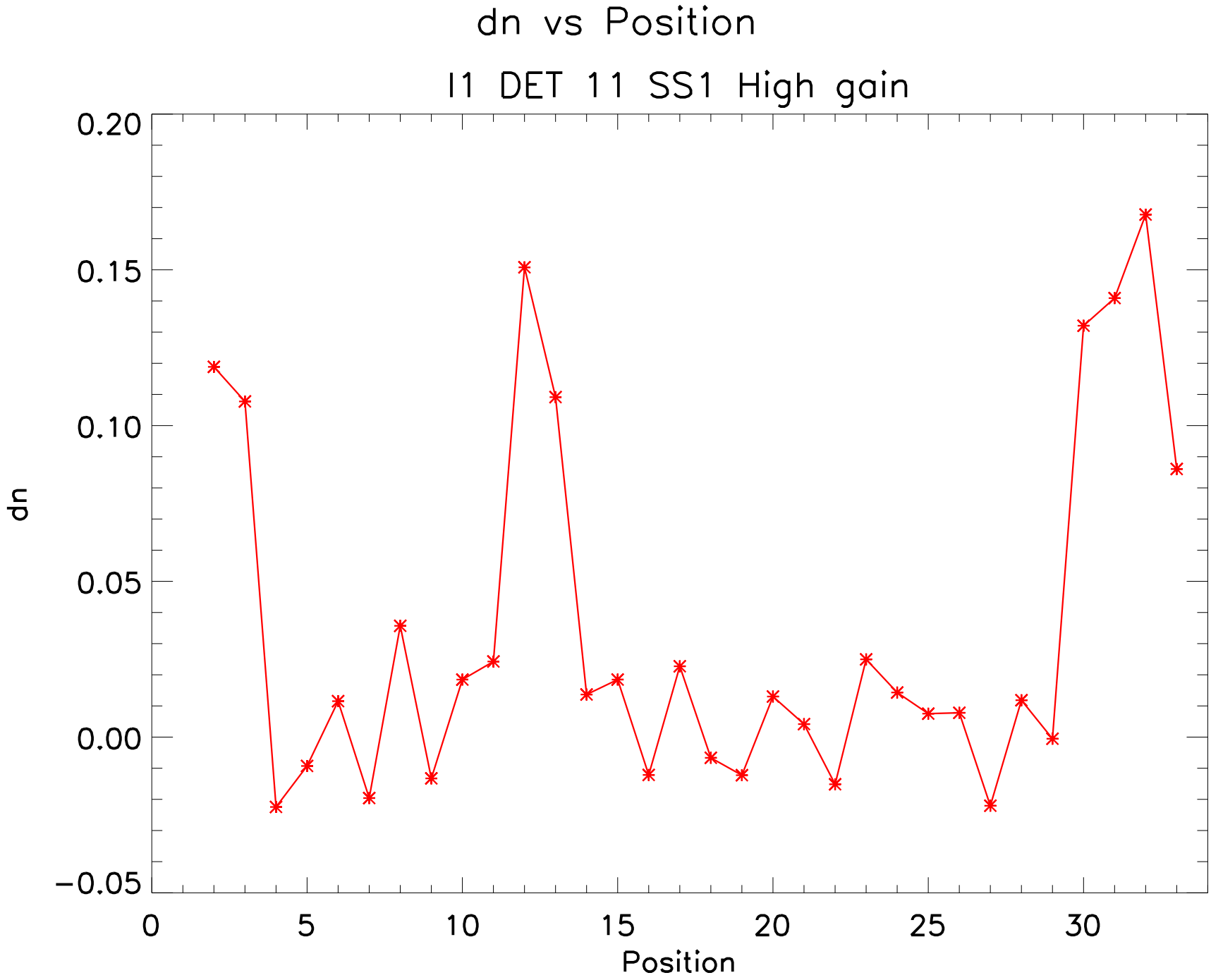

dn vs Position
I1 DET 8 SS2 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

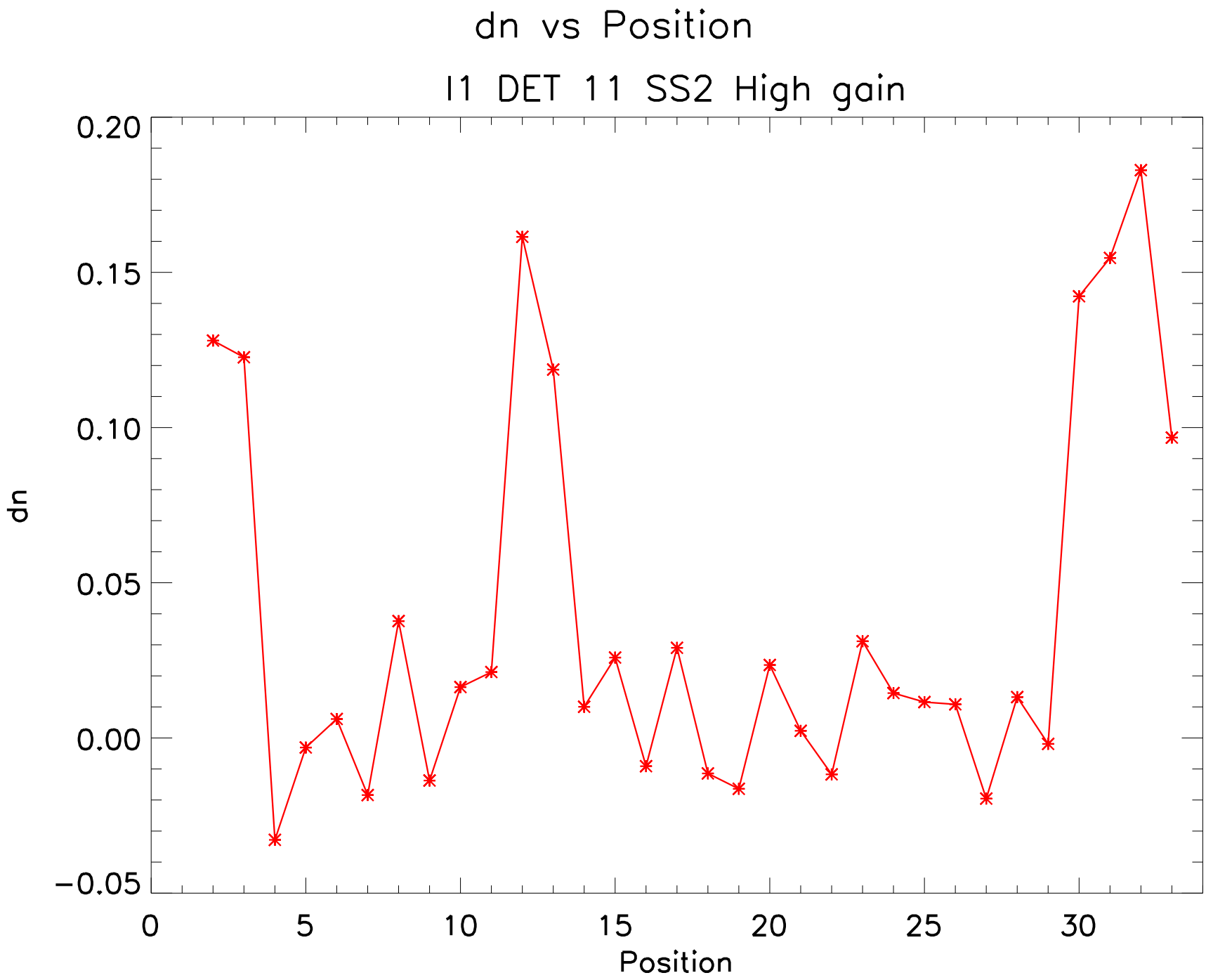

dn vs Position
I1 DET 9 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 9 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 10 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 10 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 11 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 11 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
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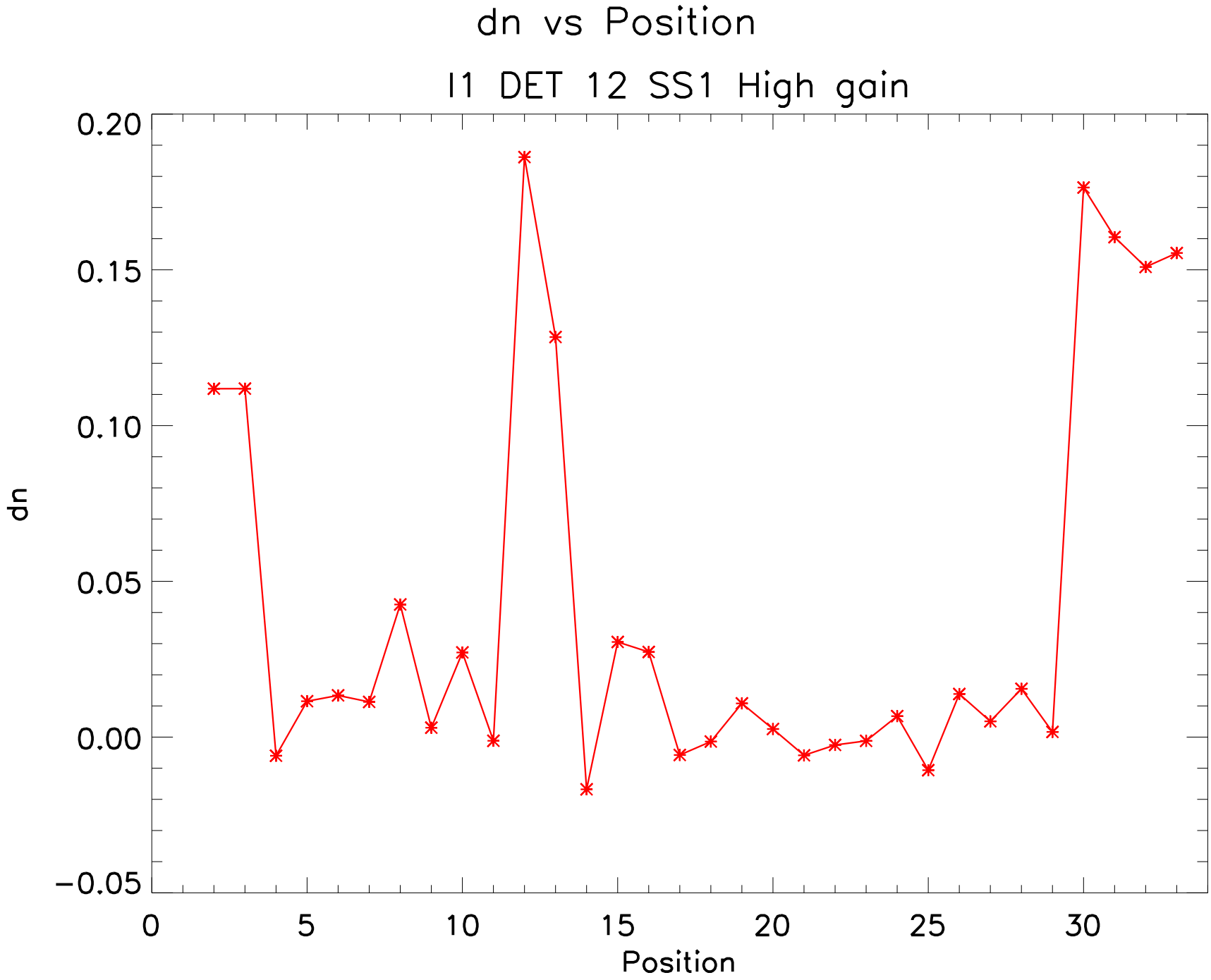
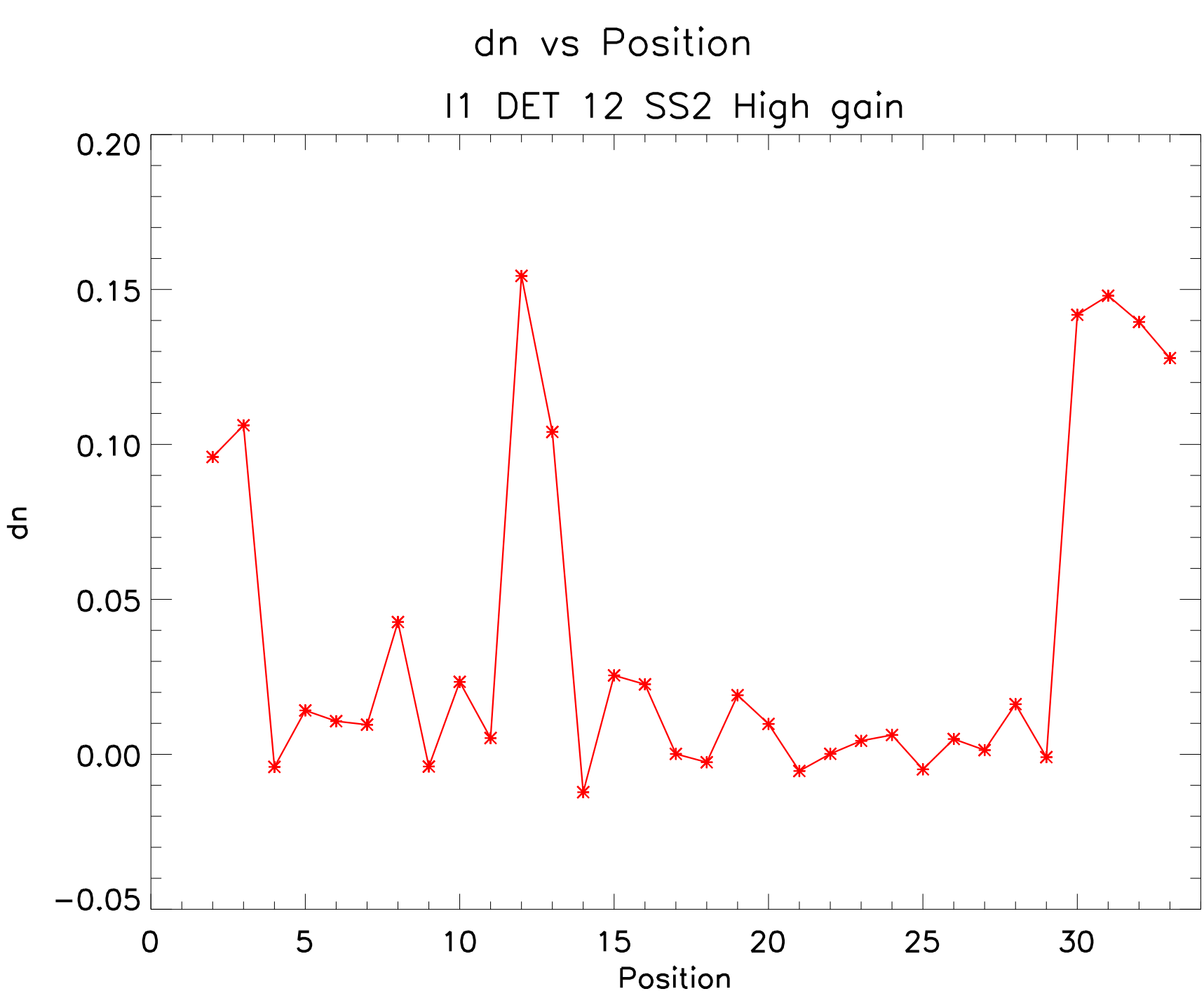
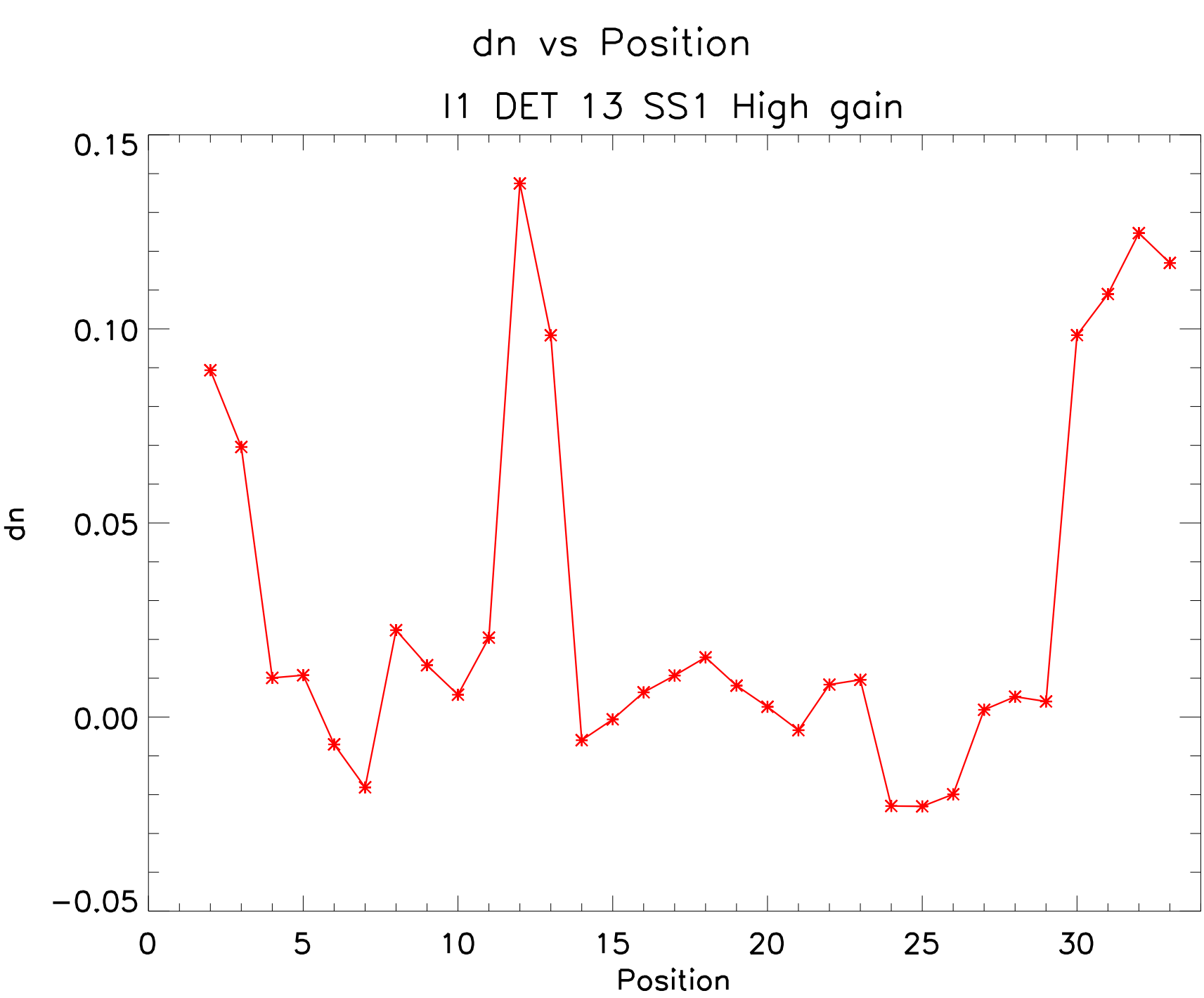
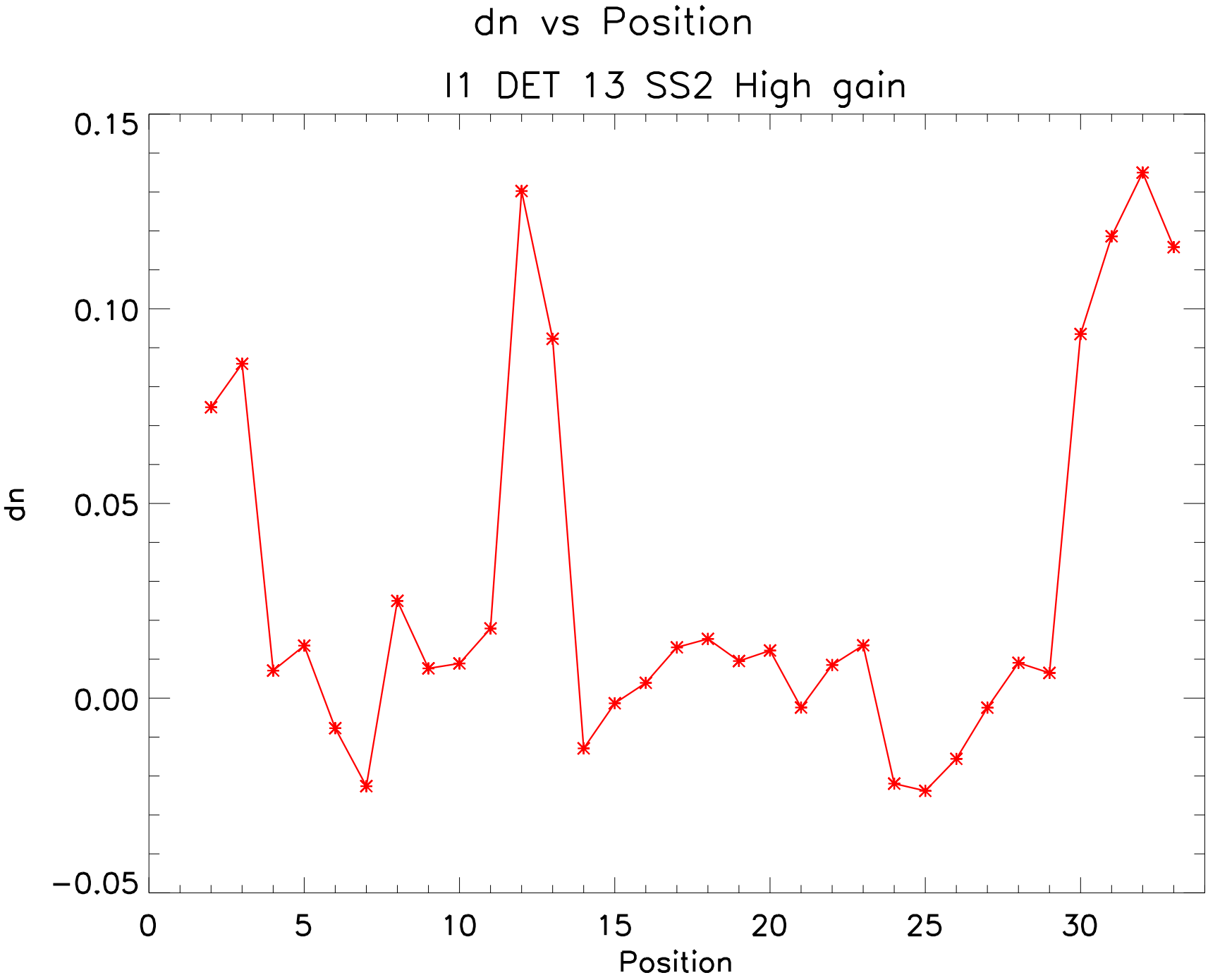
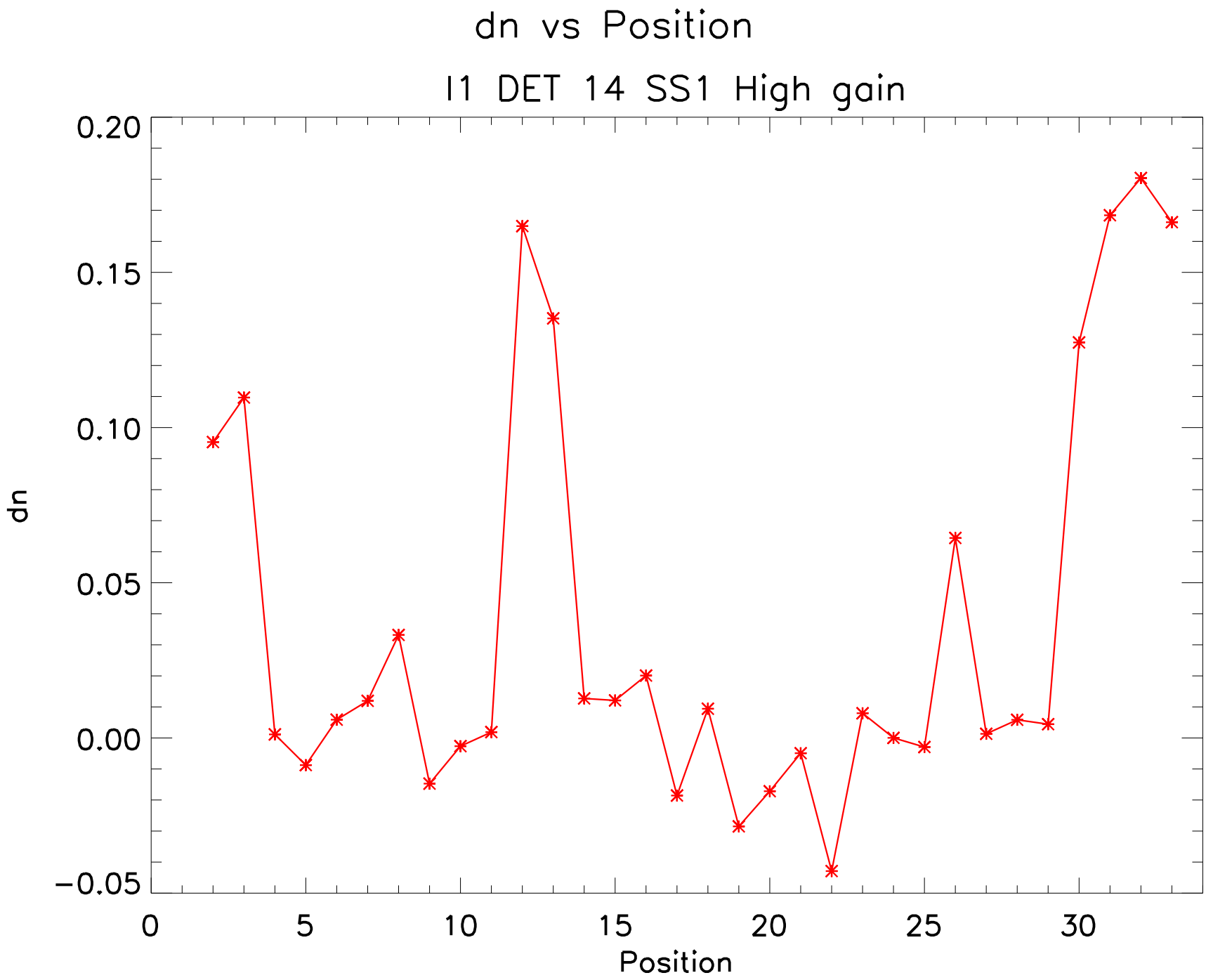
10
15
20
25
30
Position

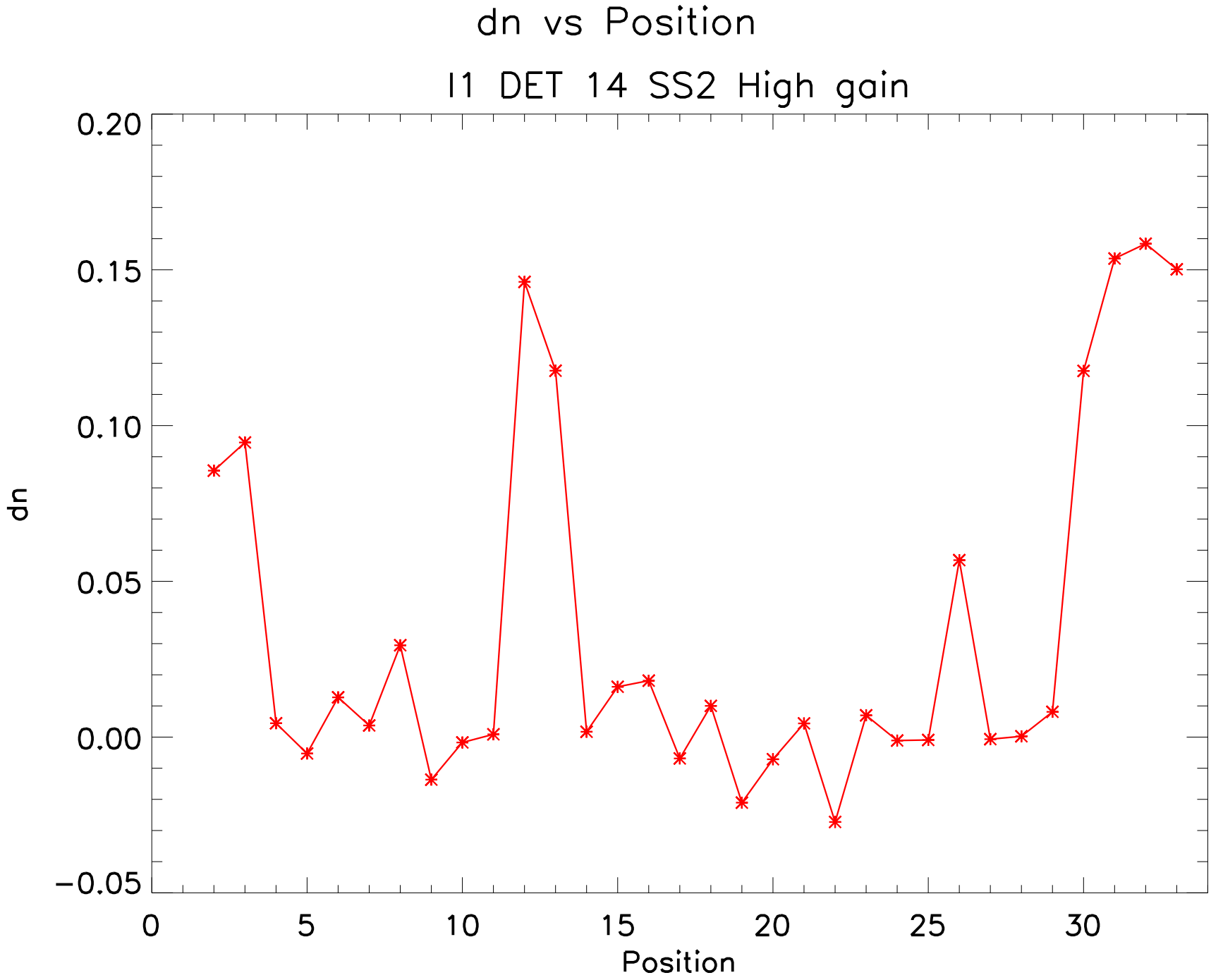

dn vs Position
I1 DET 12 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

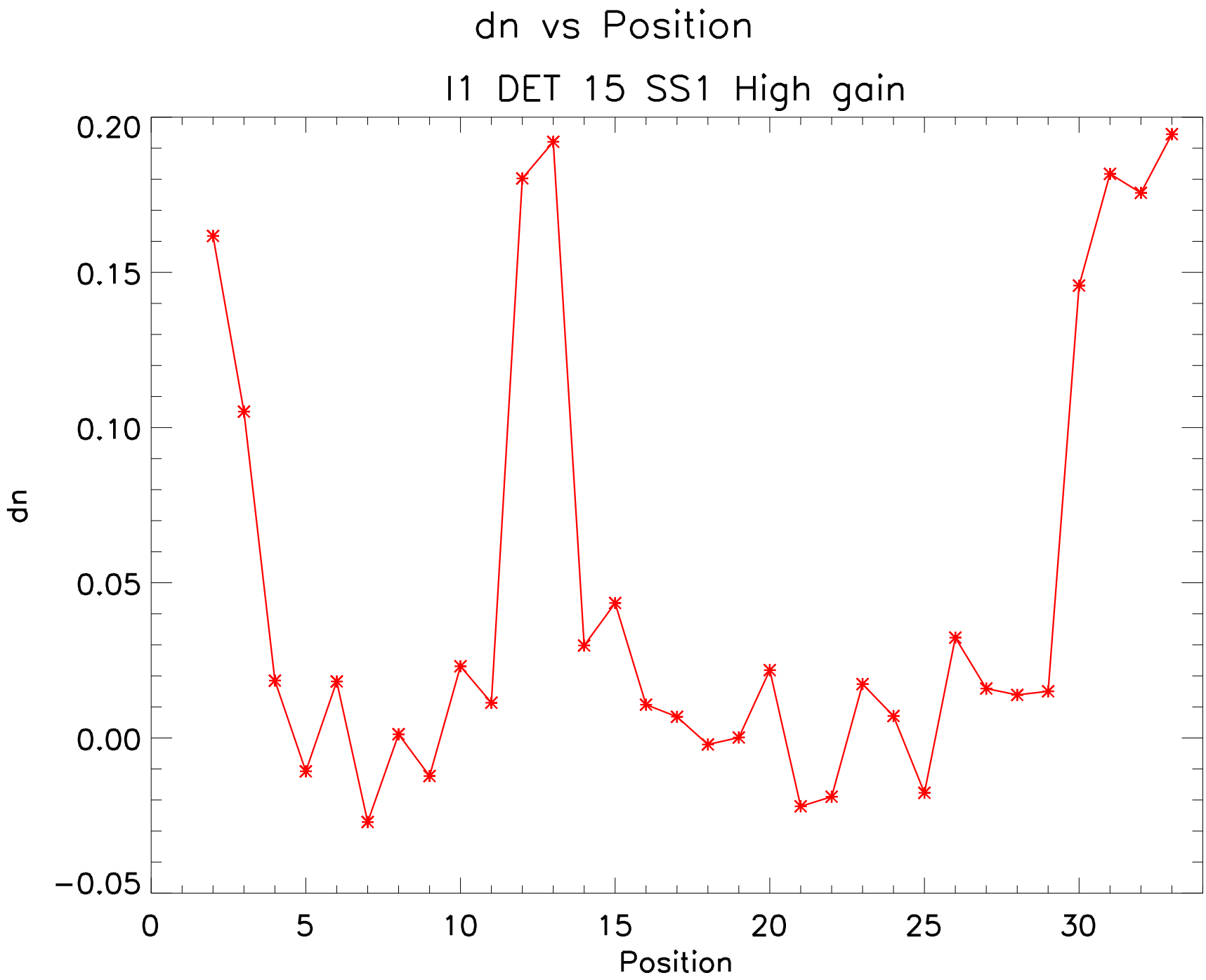

dn vs Position
I1 DET 12 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

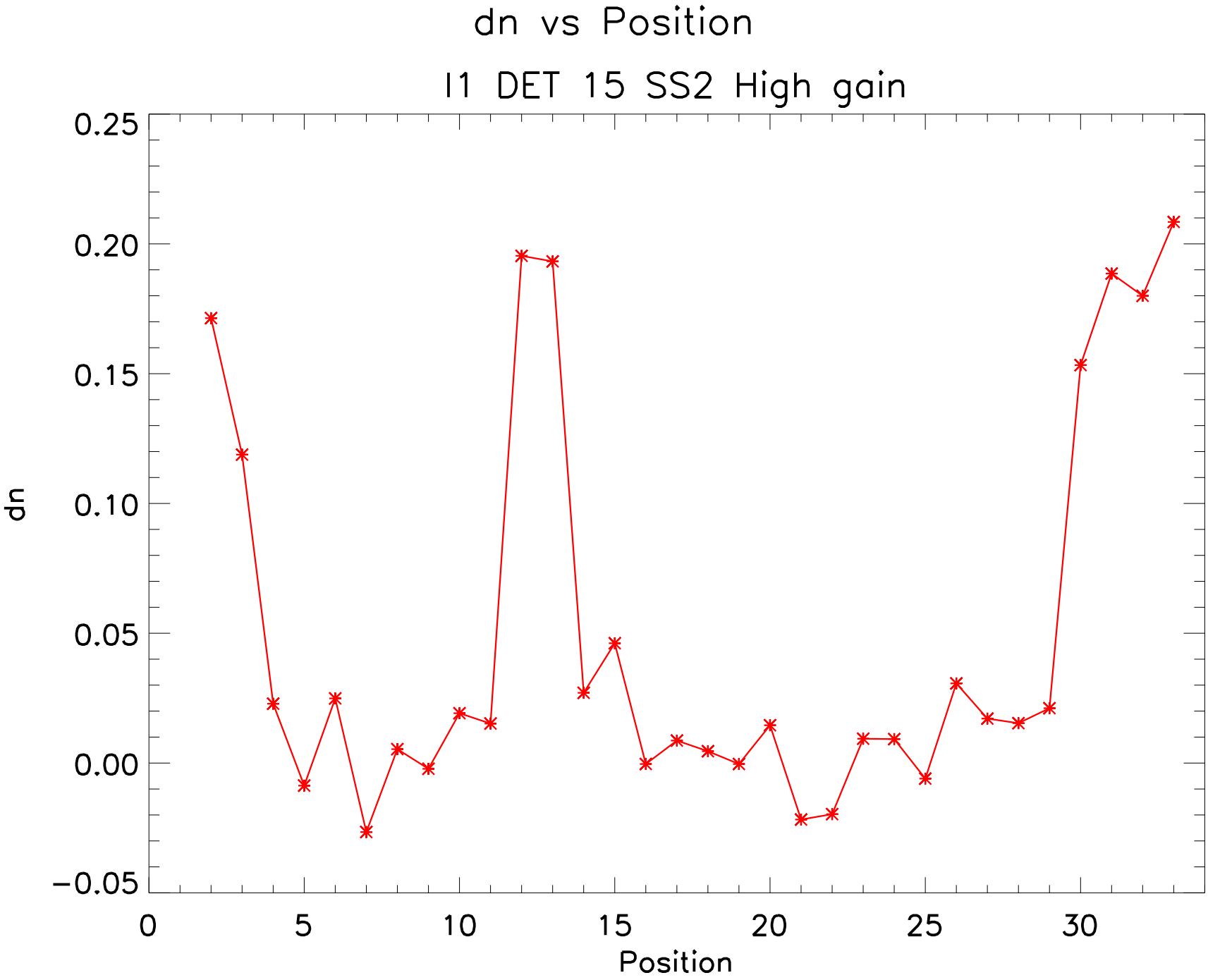

dn vs Position
I1 DET 13 SS1 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

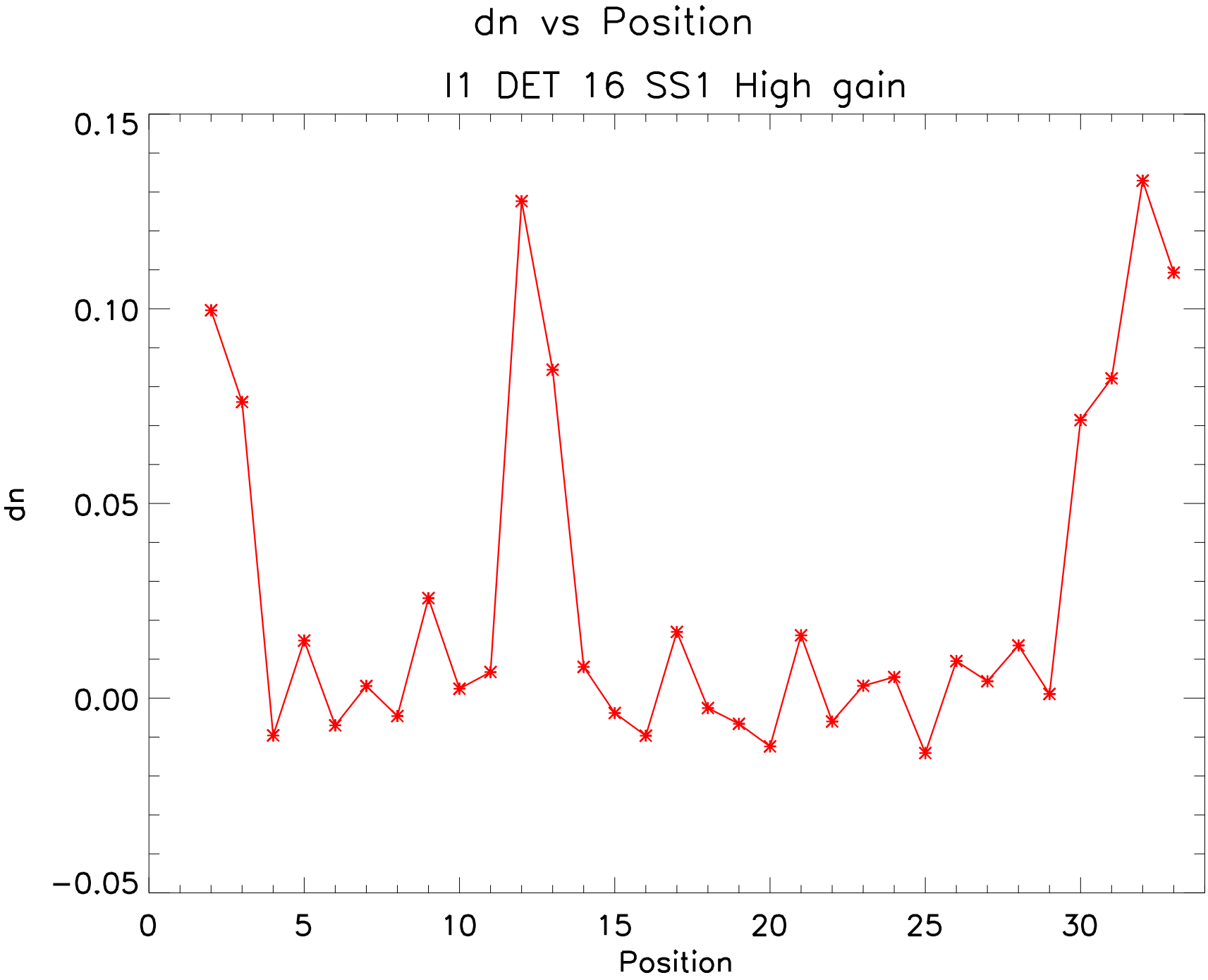

dn vs Position
I1 DET 13 SS2 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

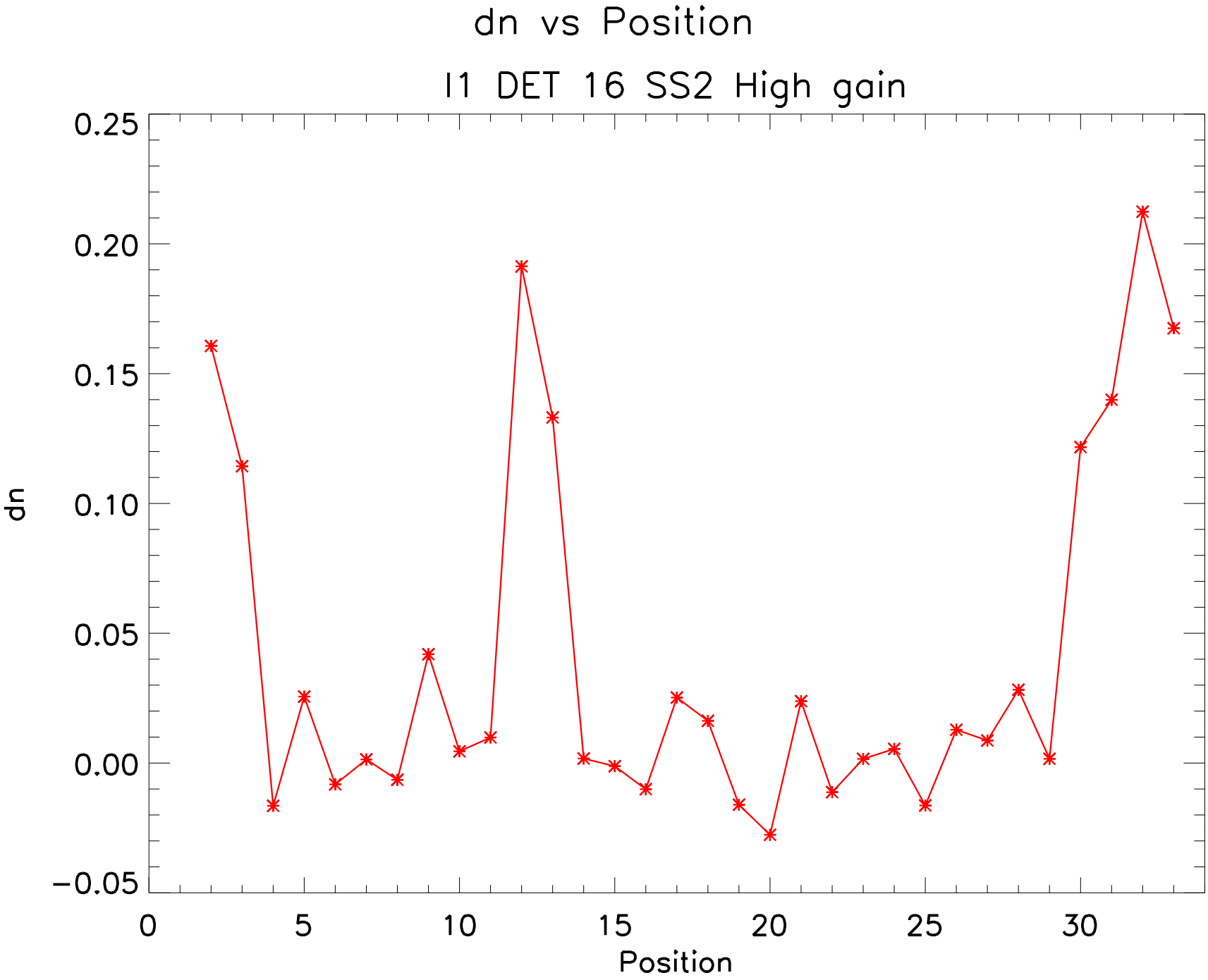

dn vs Position
I1 DET 14 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 14 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 15 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 15 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 16 SS1 High gain
dn
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position


dn vs Position
I1 DET 16 SS2 High gain
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
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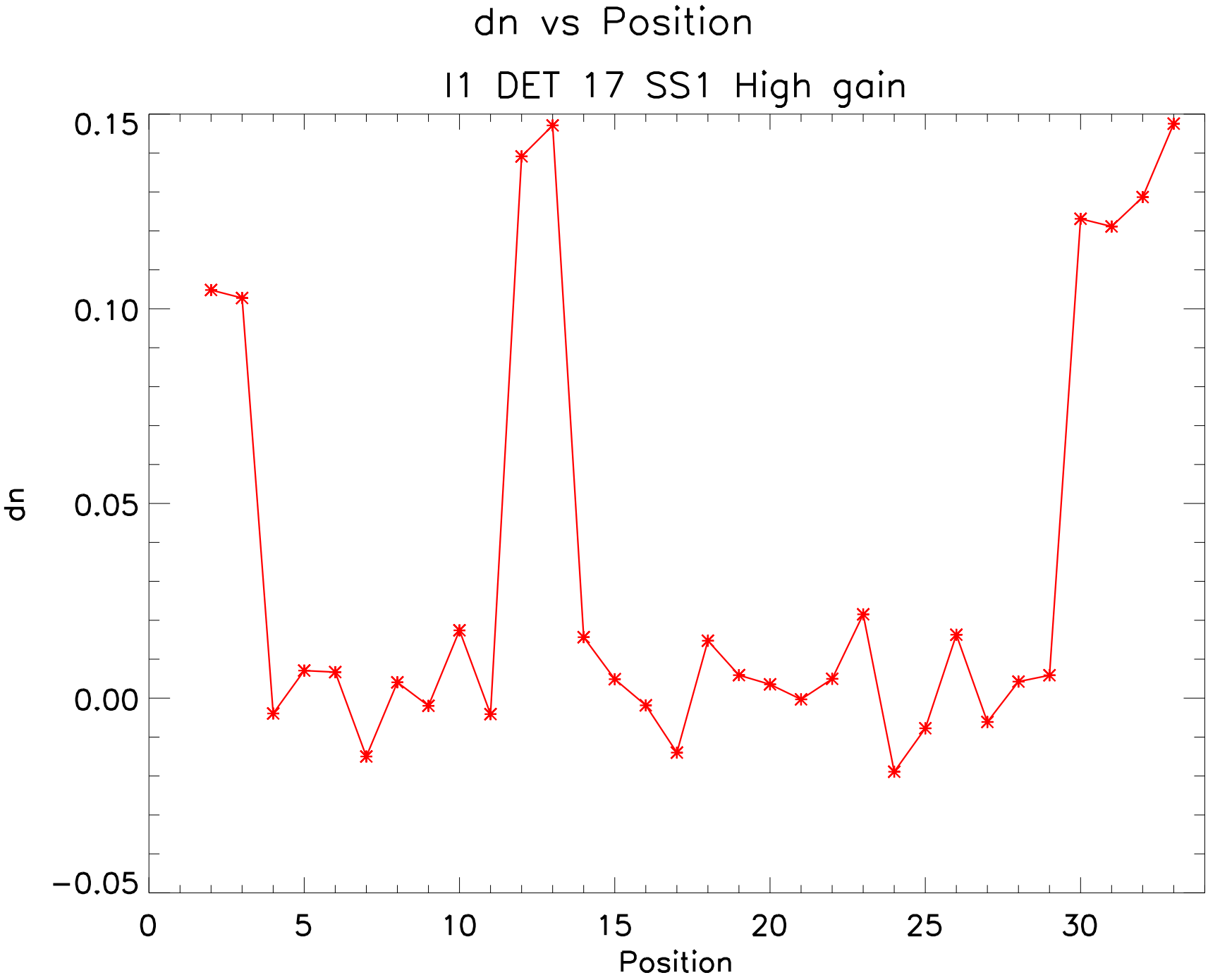
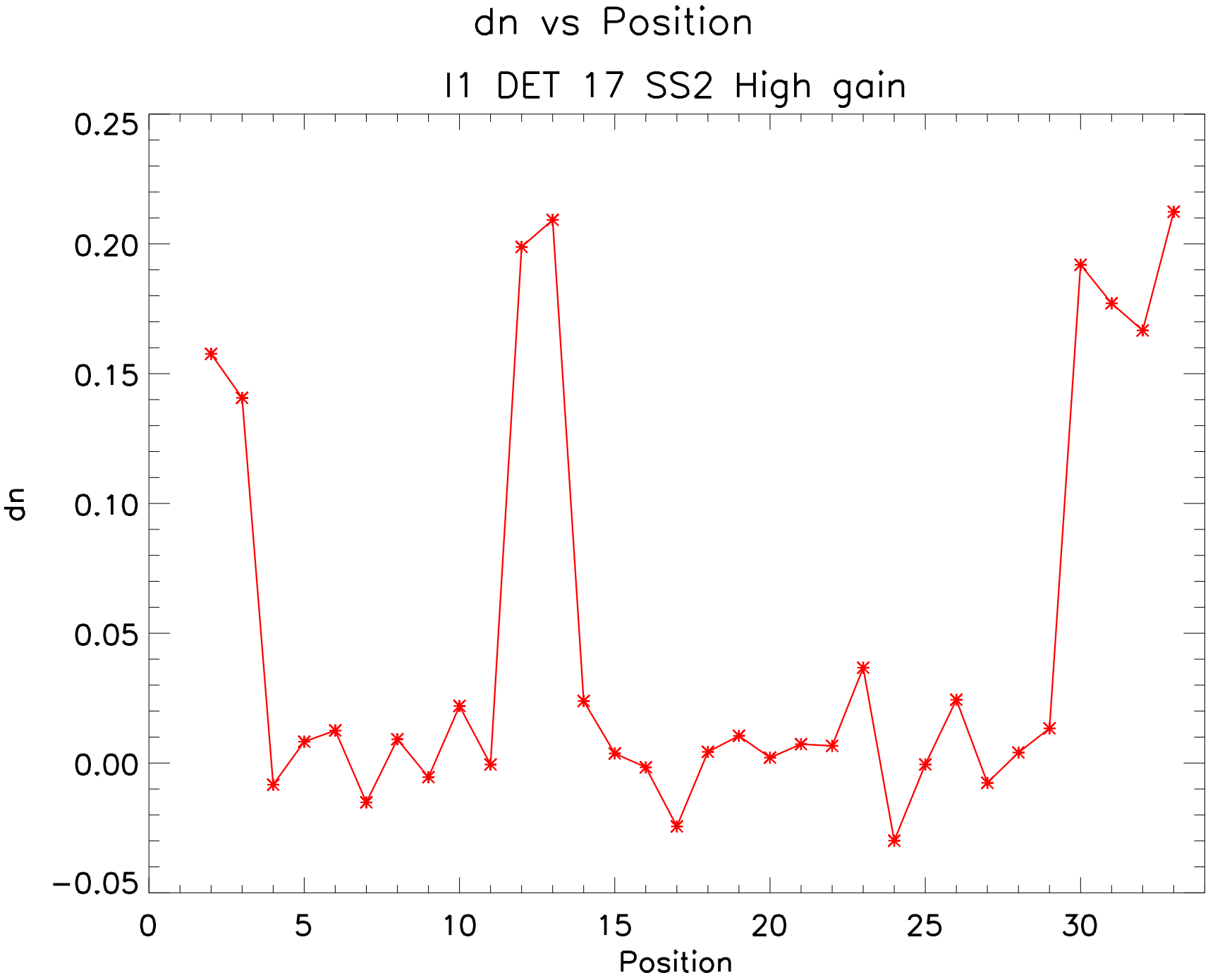
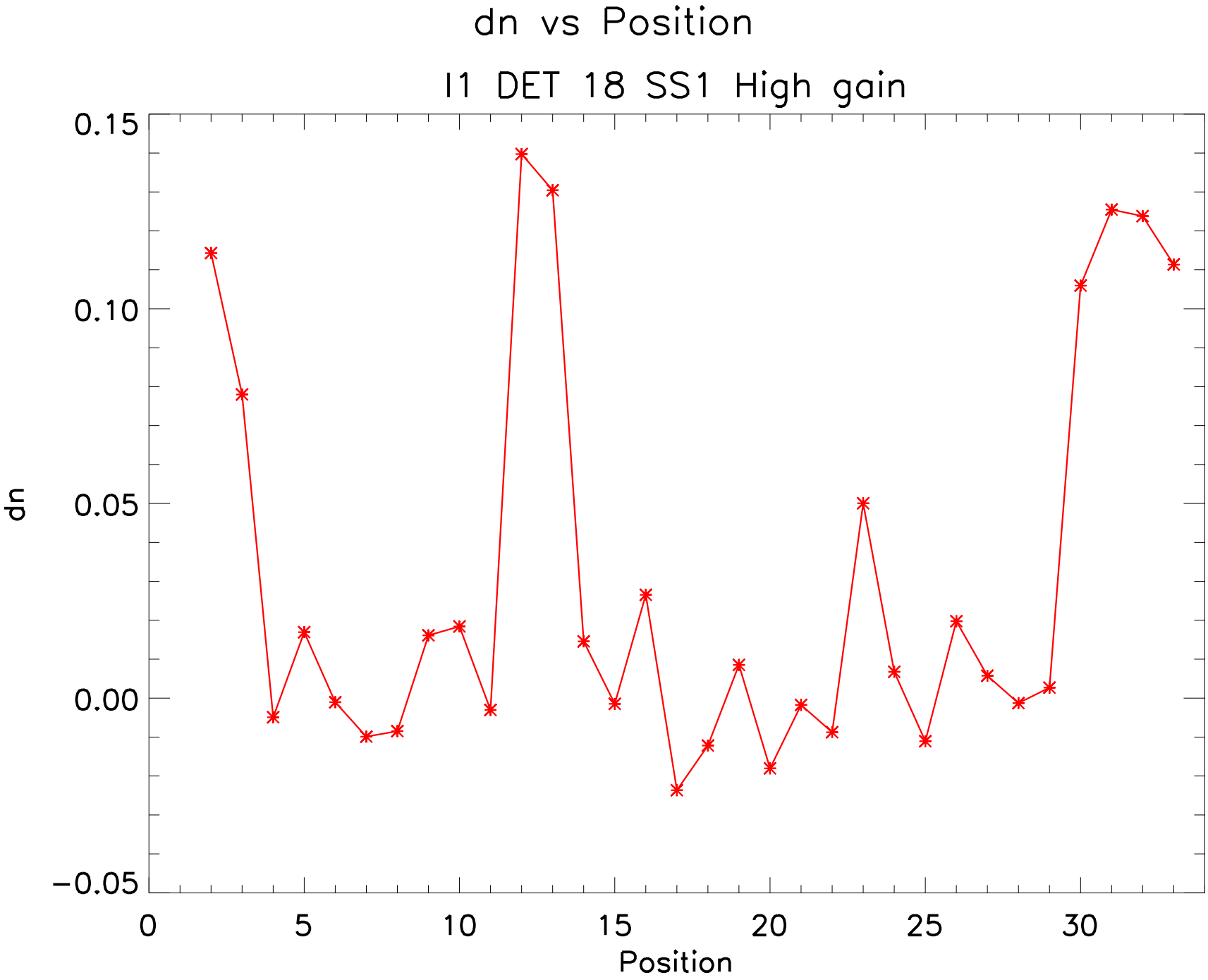
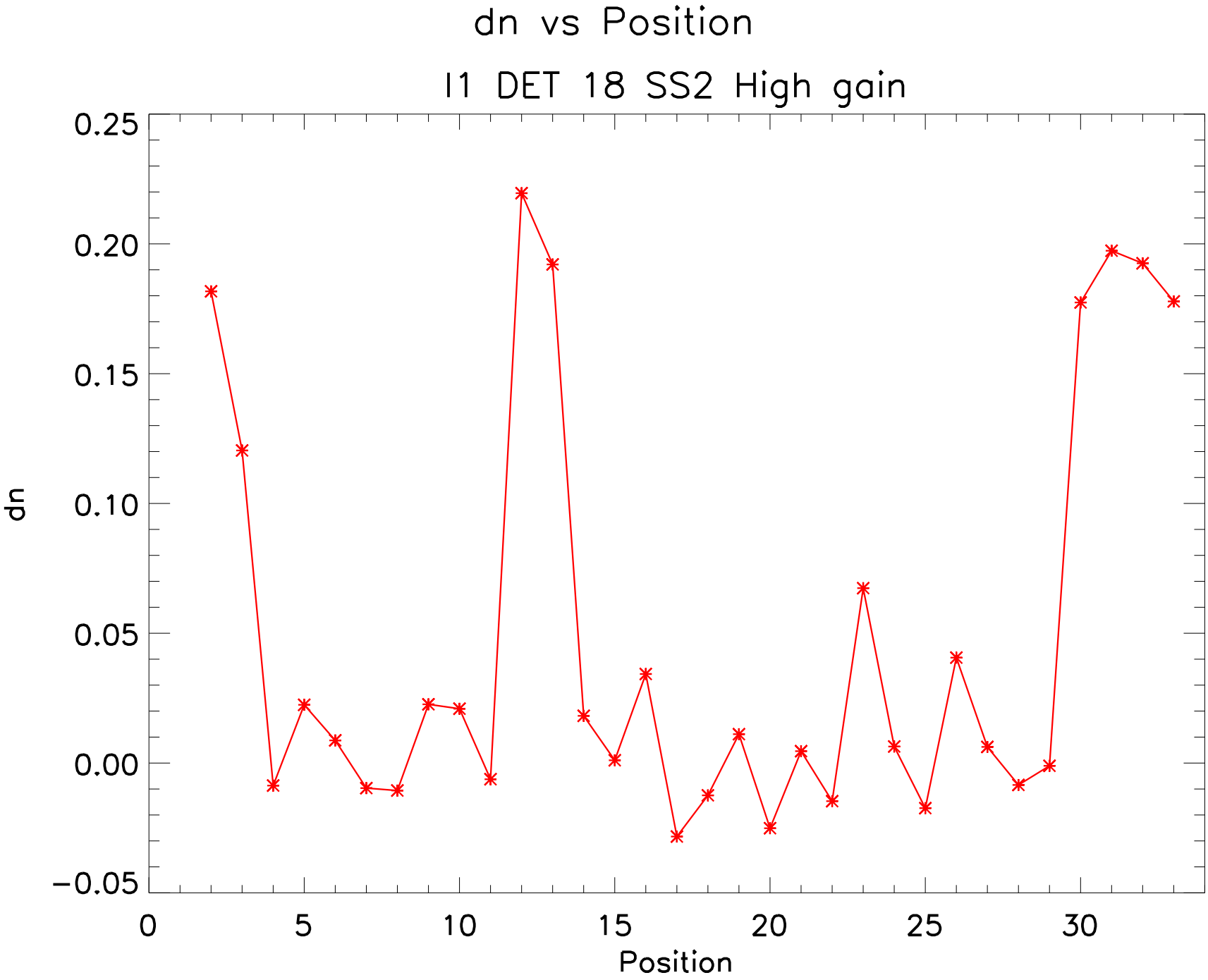
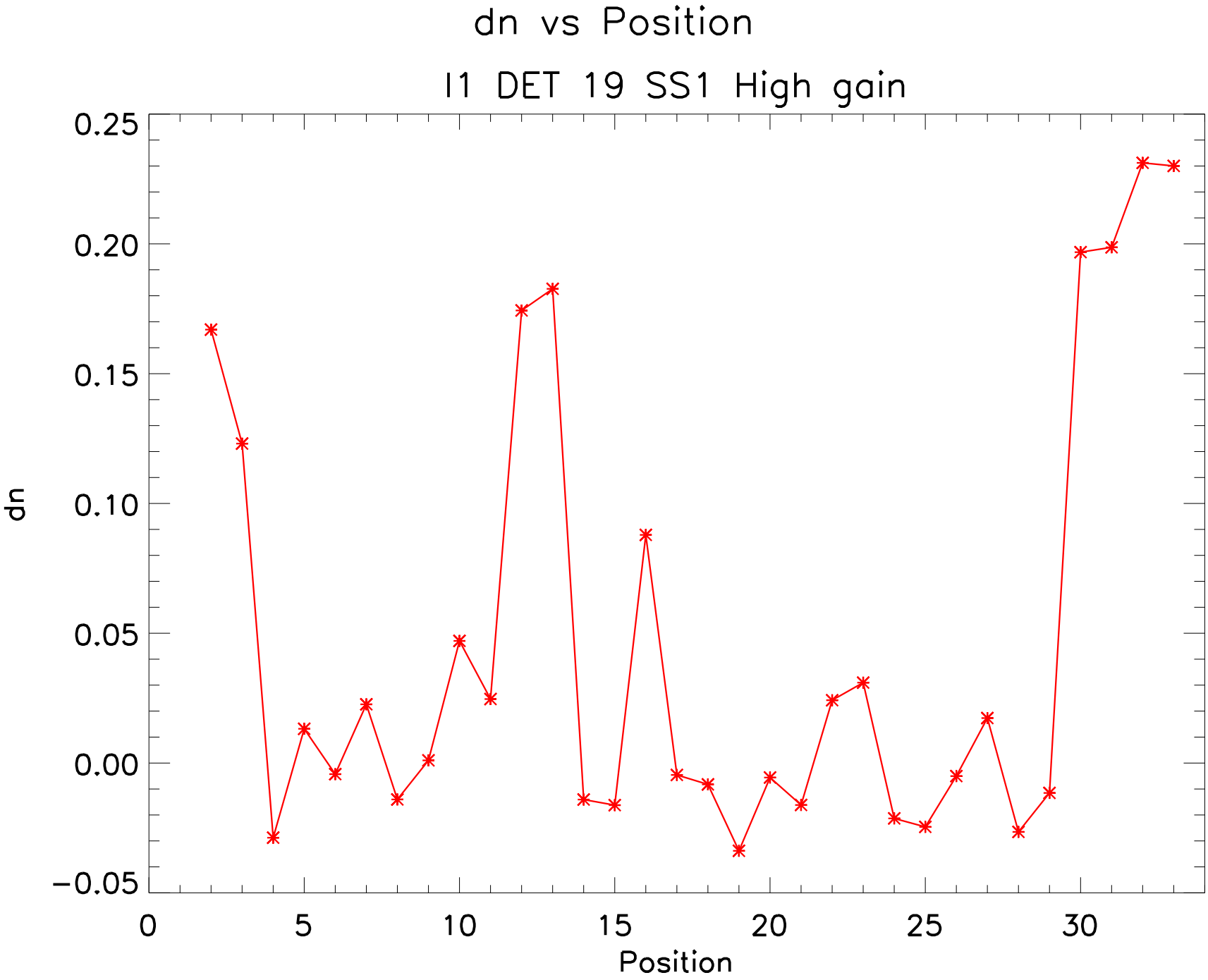
10
15
20
25
30
Position

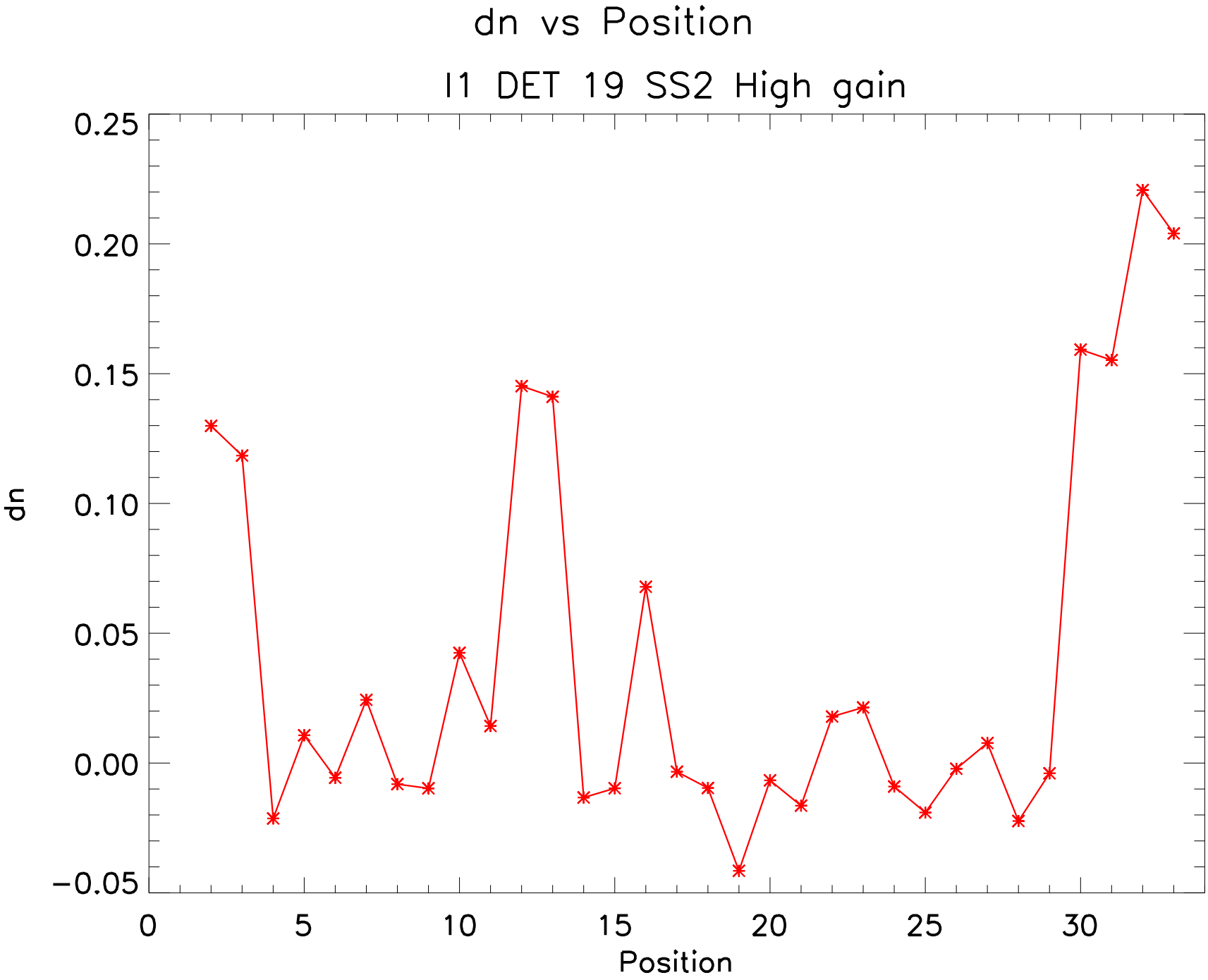

dn vs Position
I1 DET 17 SS1 High gain
dn
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

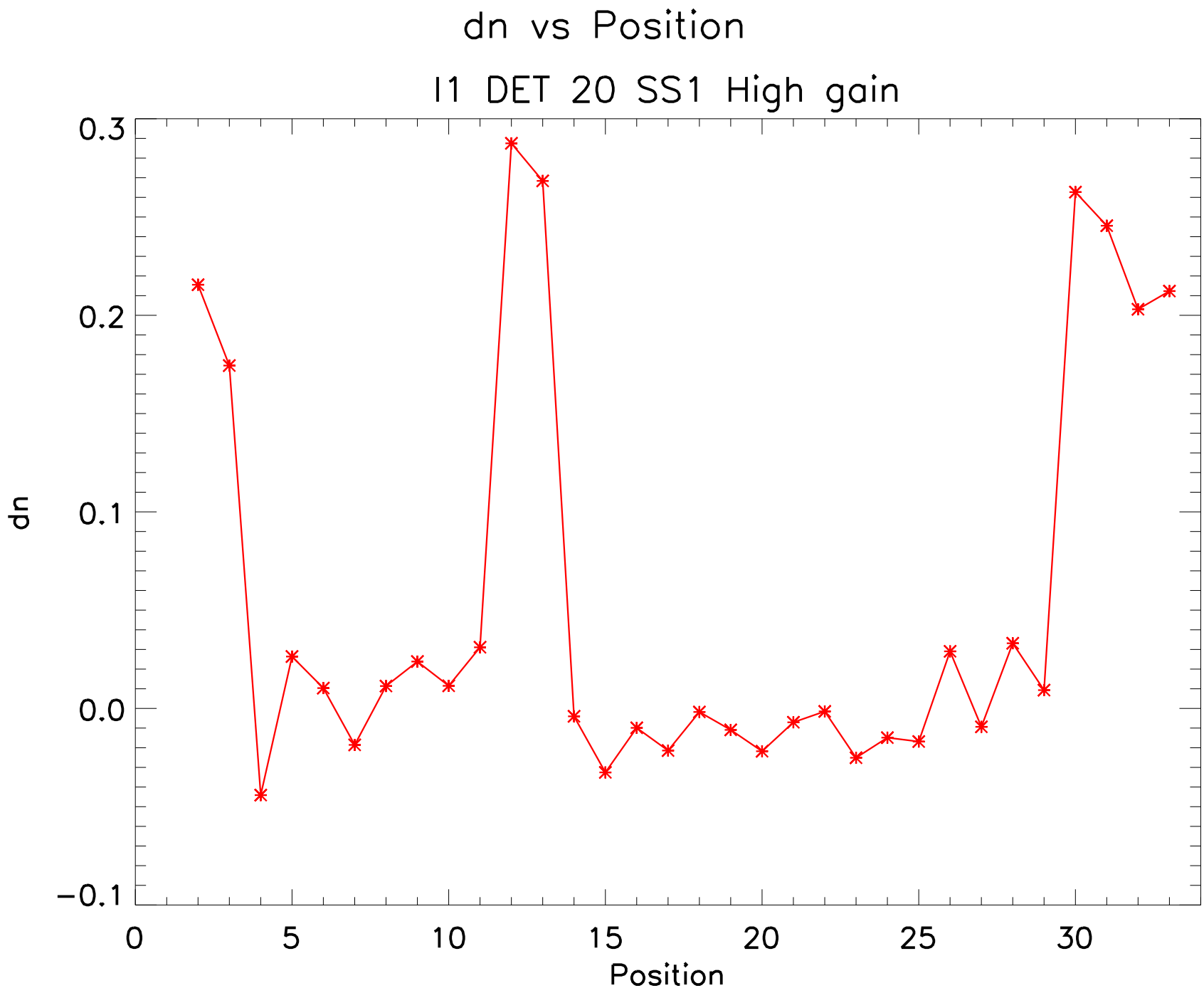

dn vs Position
I1 DET 17 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

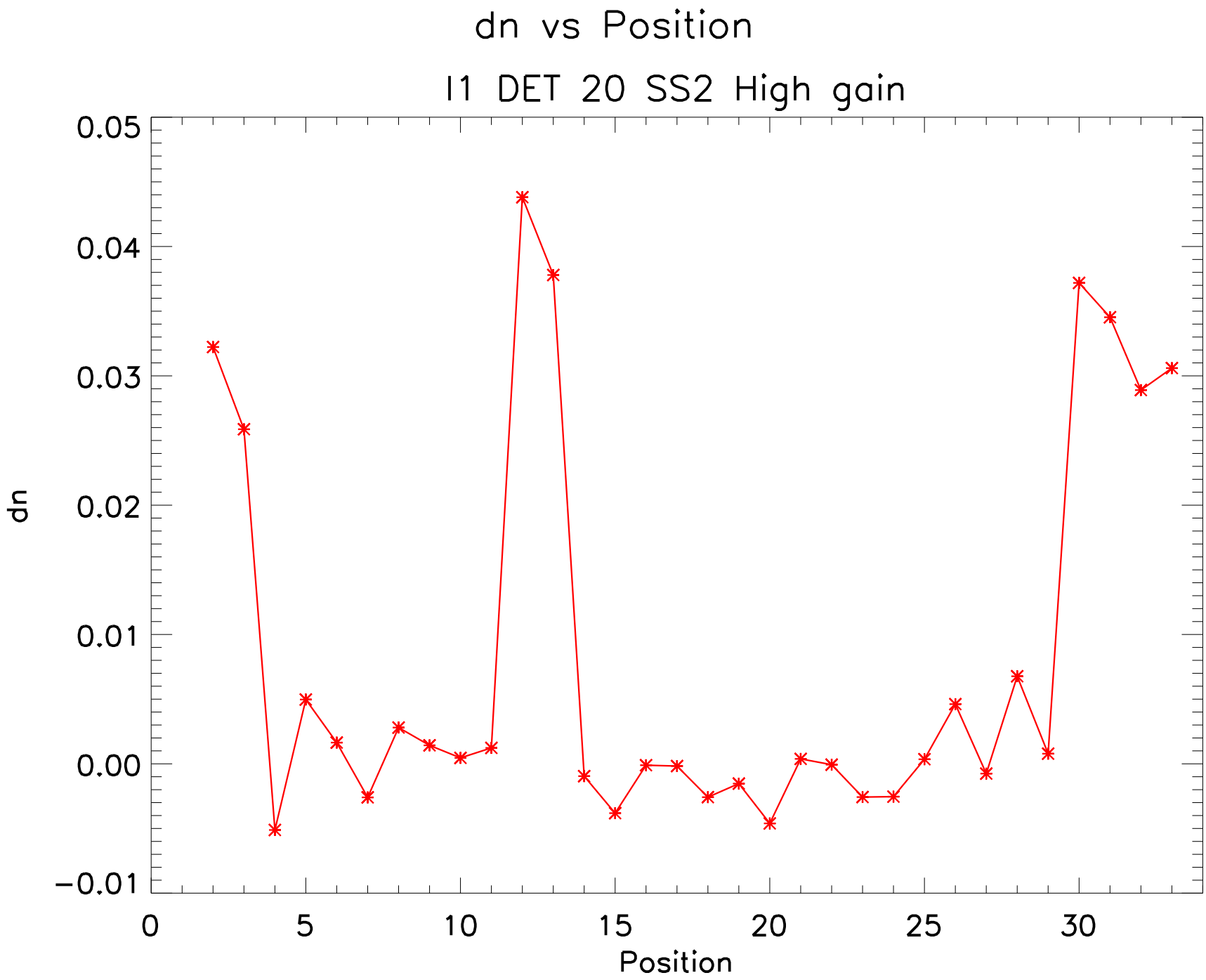

dn vs Position
I1 DET 18 SS1 High gain
dn
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

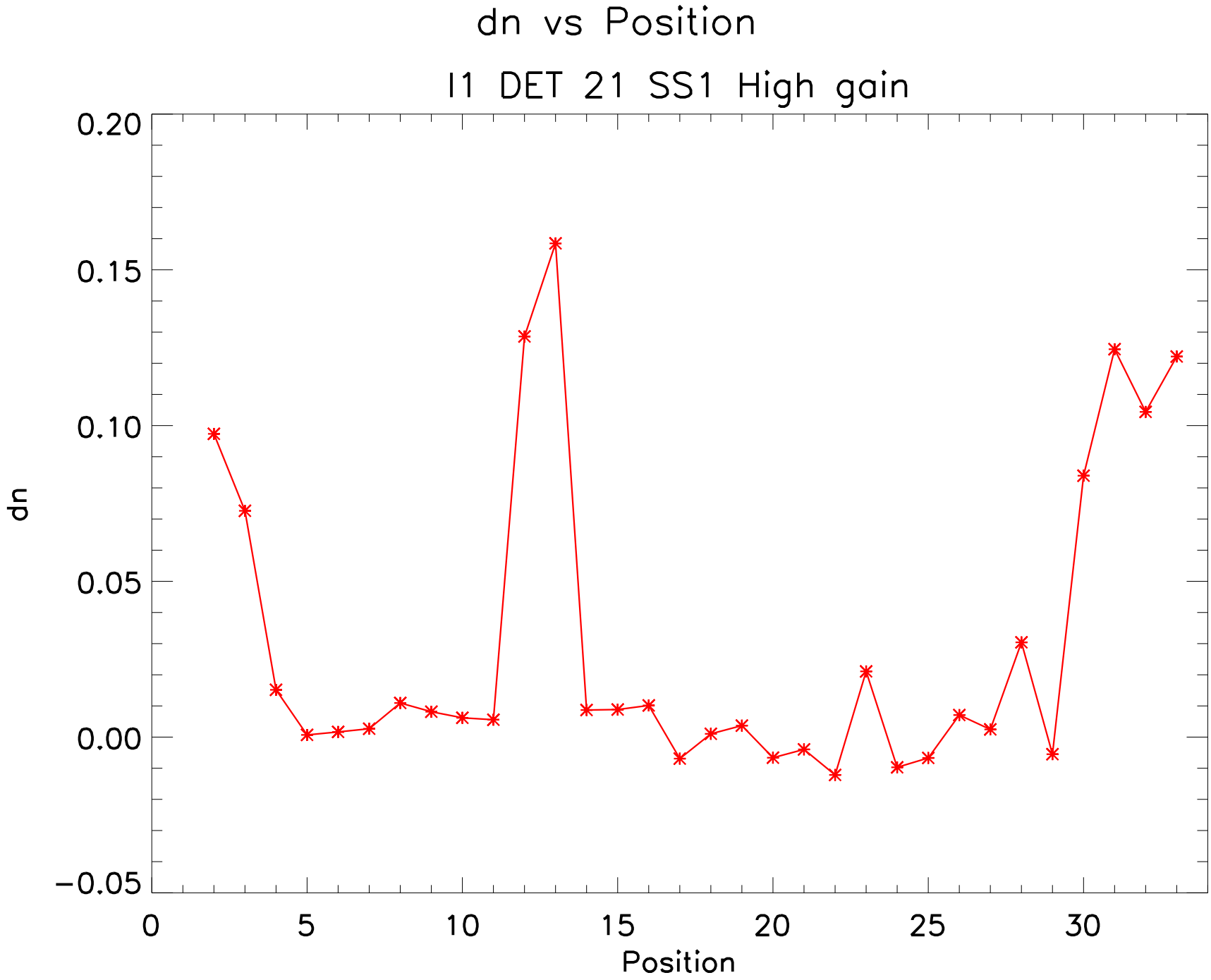

dn vs Position
I1 DET 18 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

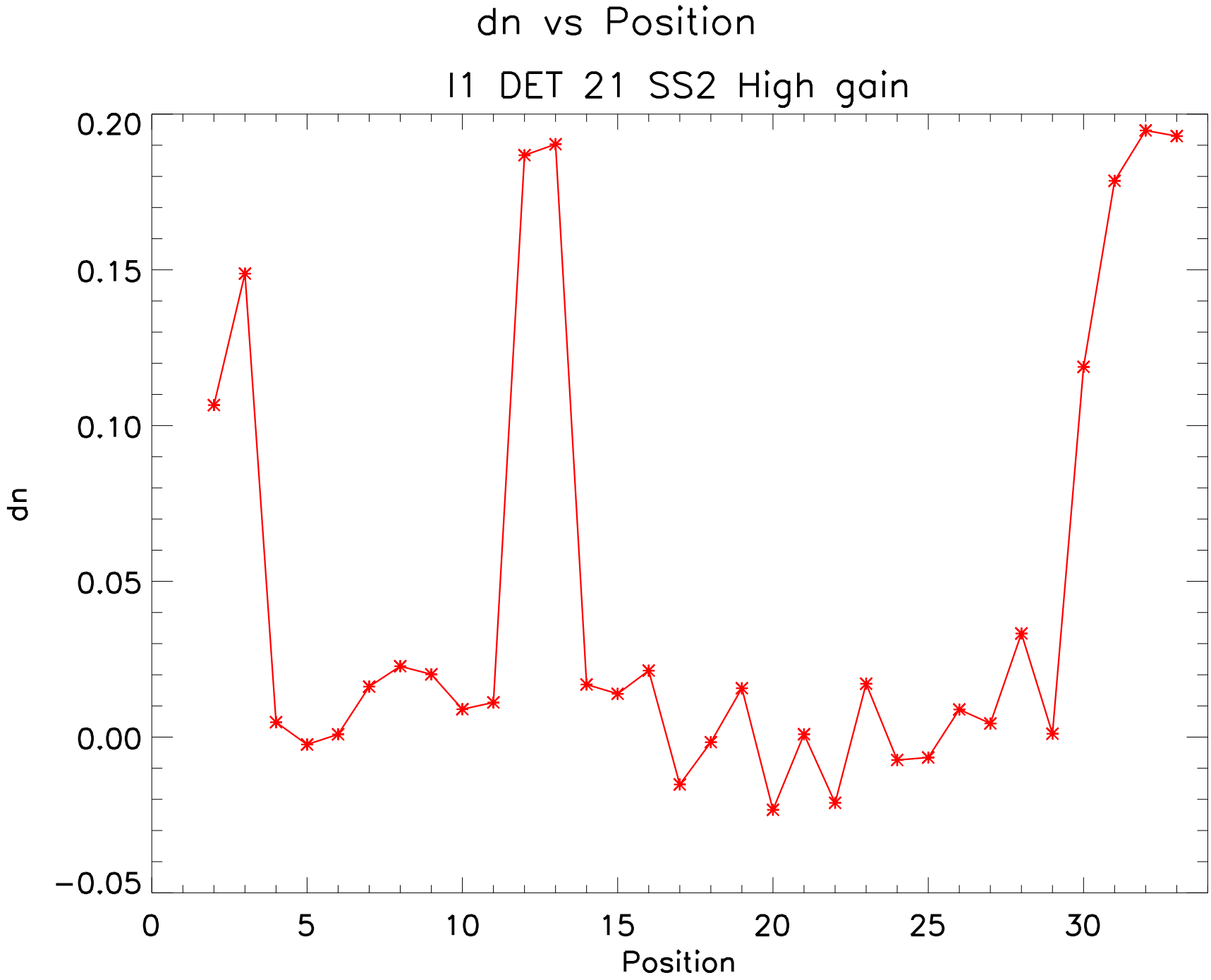

dn vs Position
I1 DET 19 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

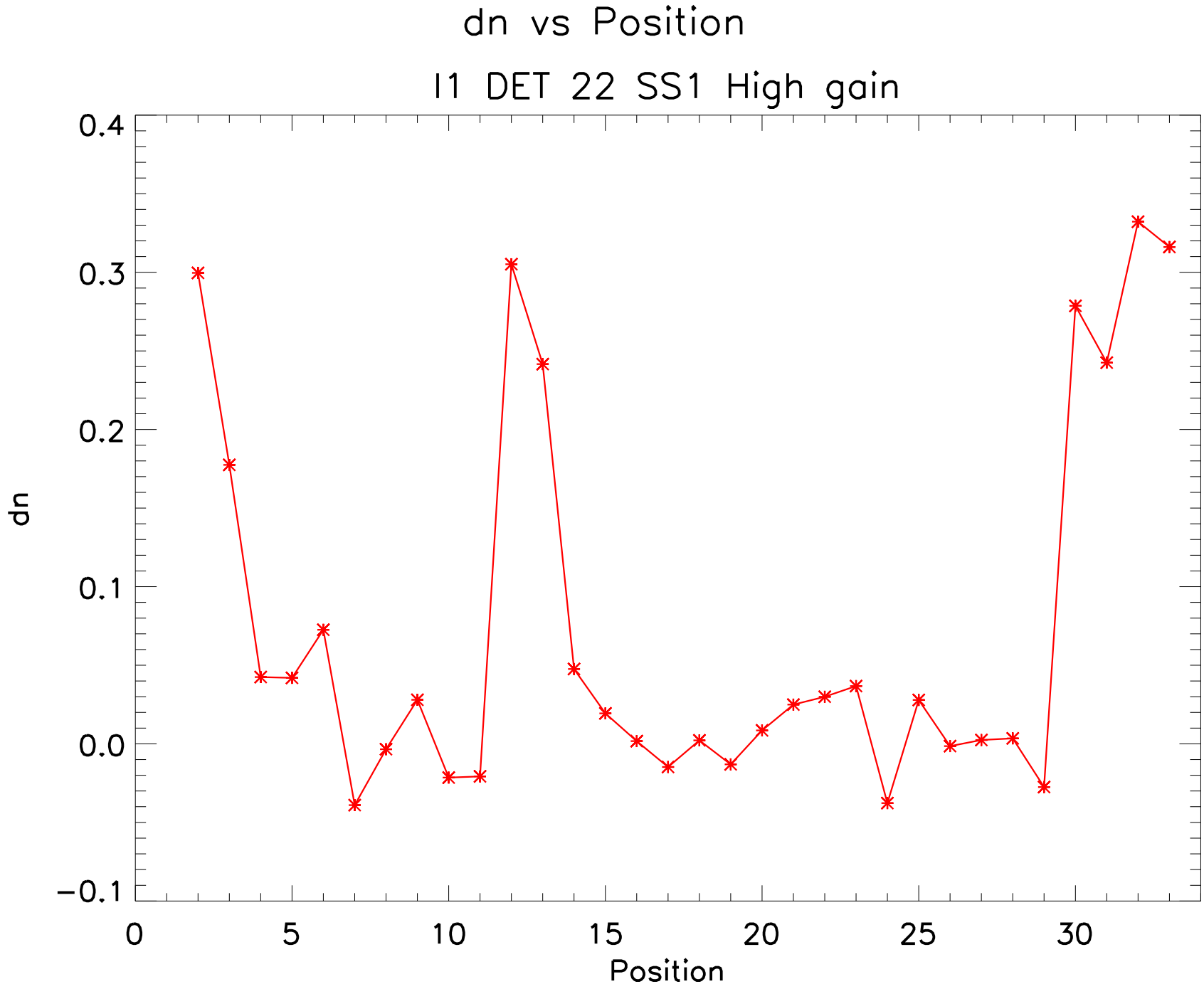

dn vs Position
I1 DET 19 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

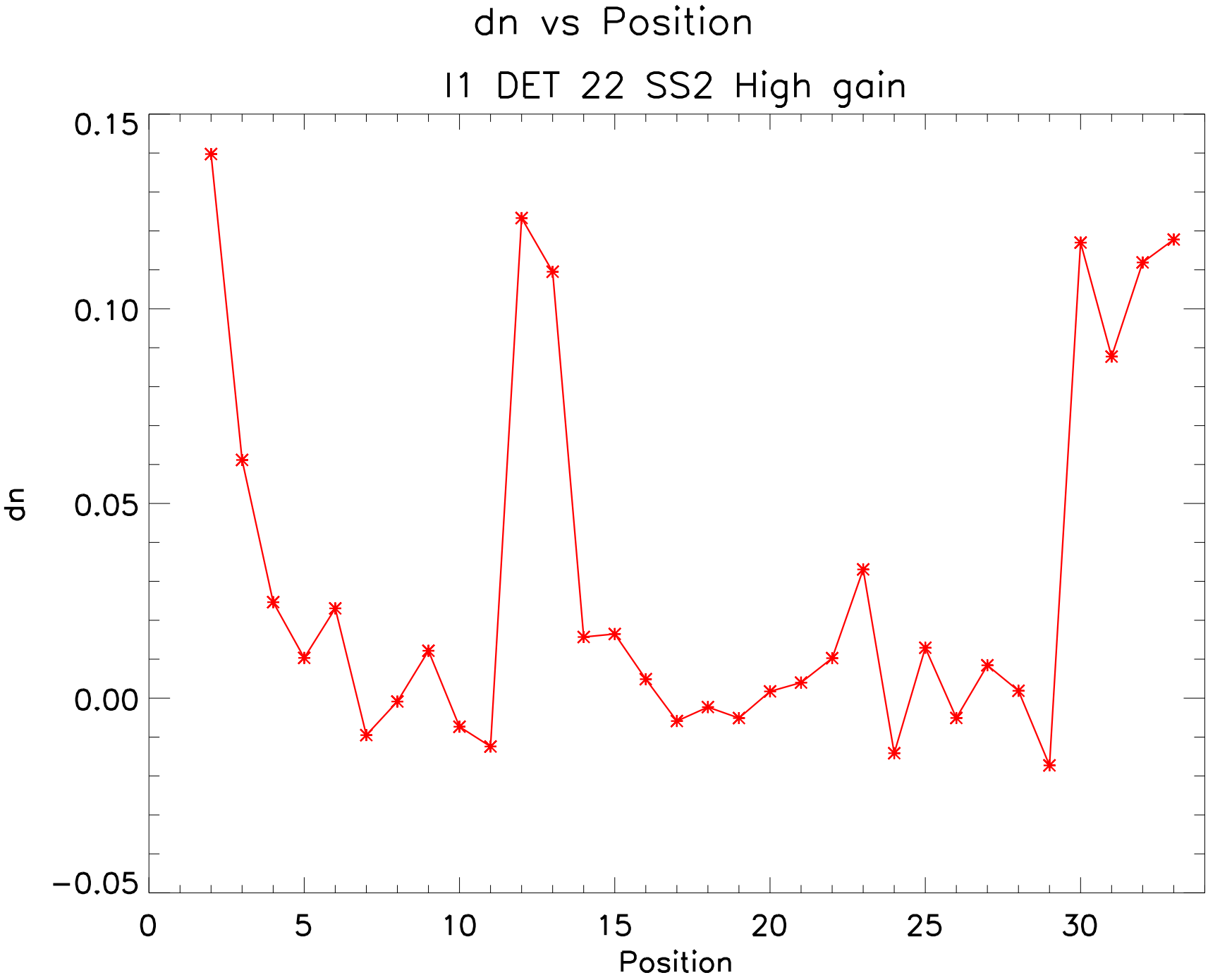

dn vs Position
I1 DET 20 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

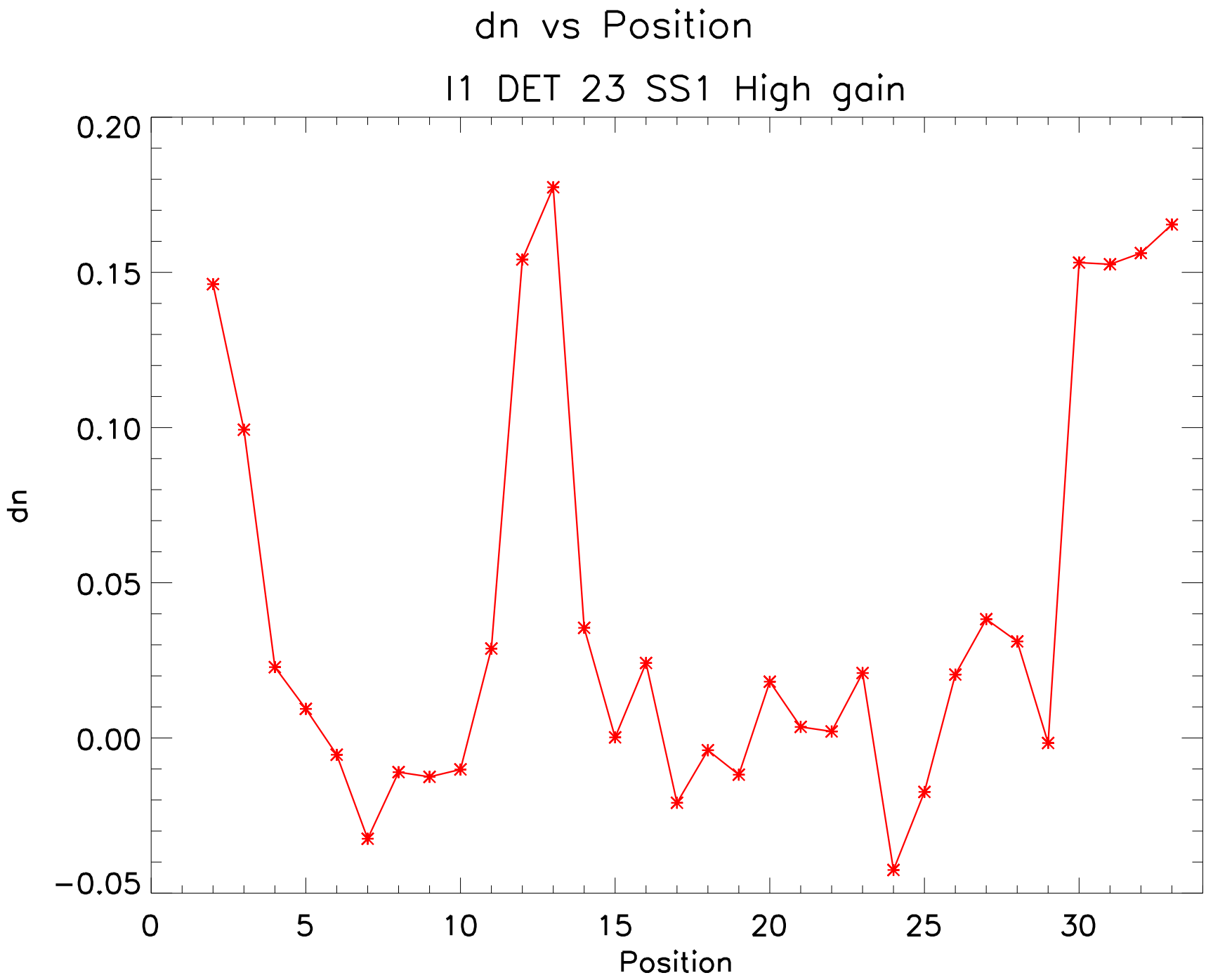

dn vs Position
I1 DET 20 SS2 High gain
dn
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
0
5
10
15
20
25
30
Position

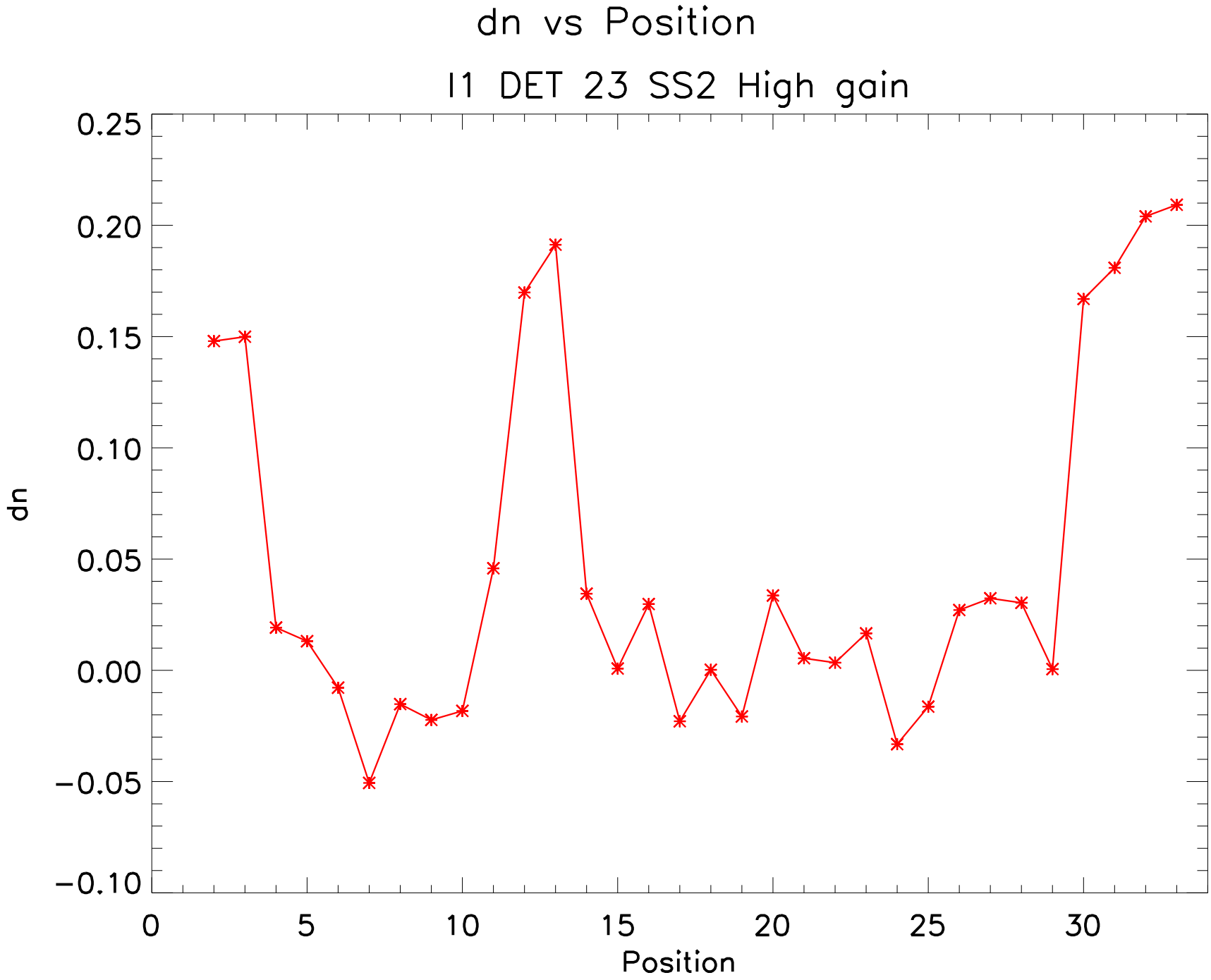

dn vs Position
I1 DET 21 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

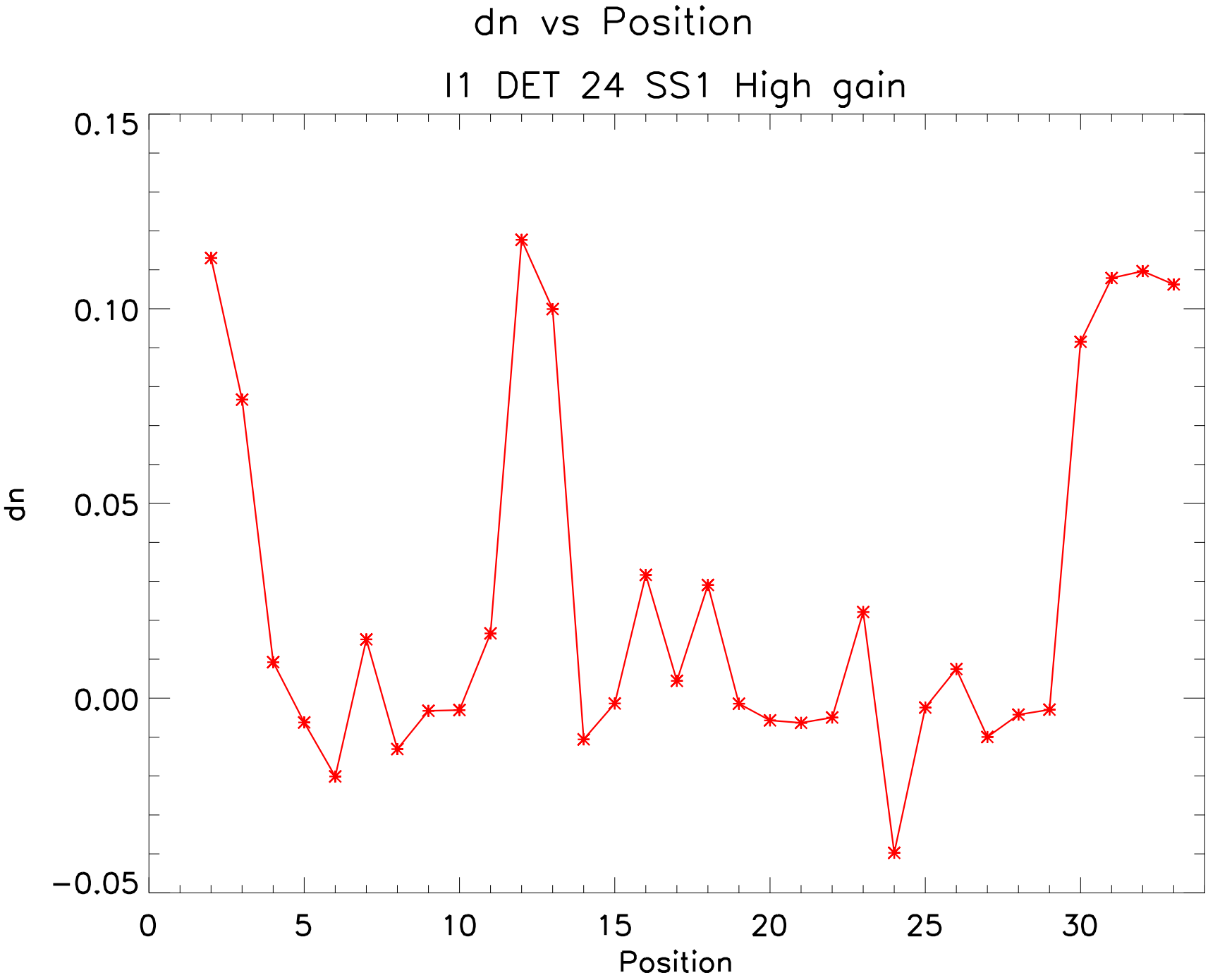

dn vs Position
I1 DET 21 SS2 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

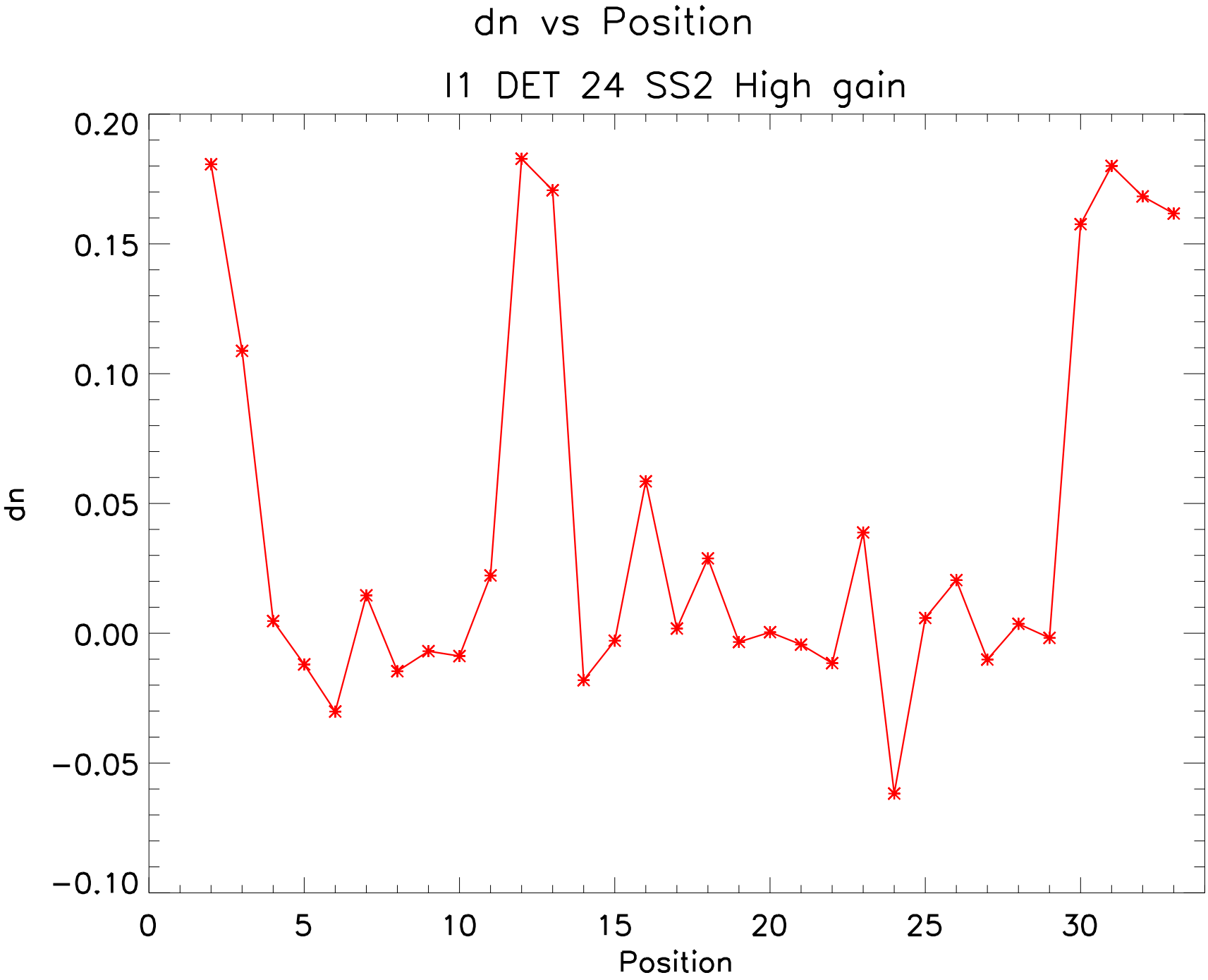

dn vs Position
I1 DET 22 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

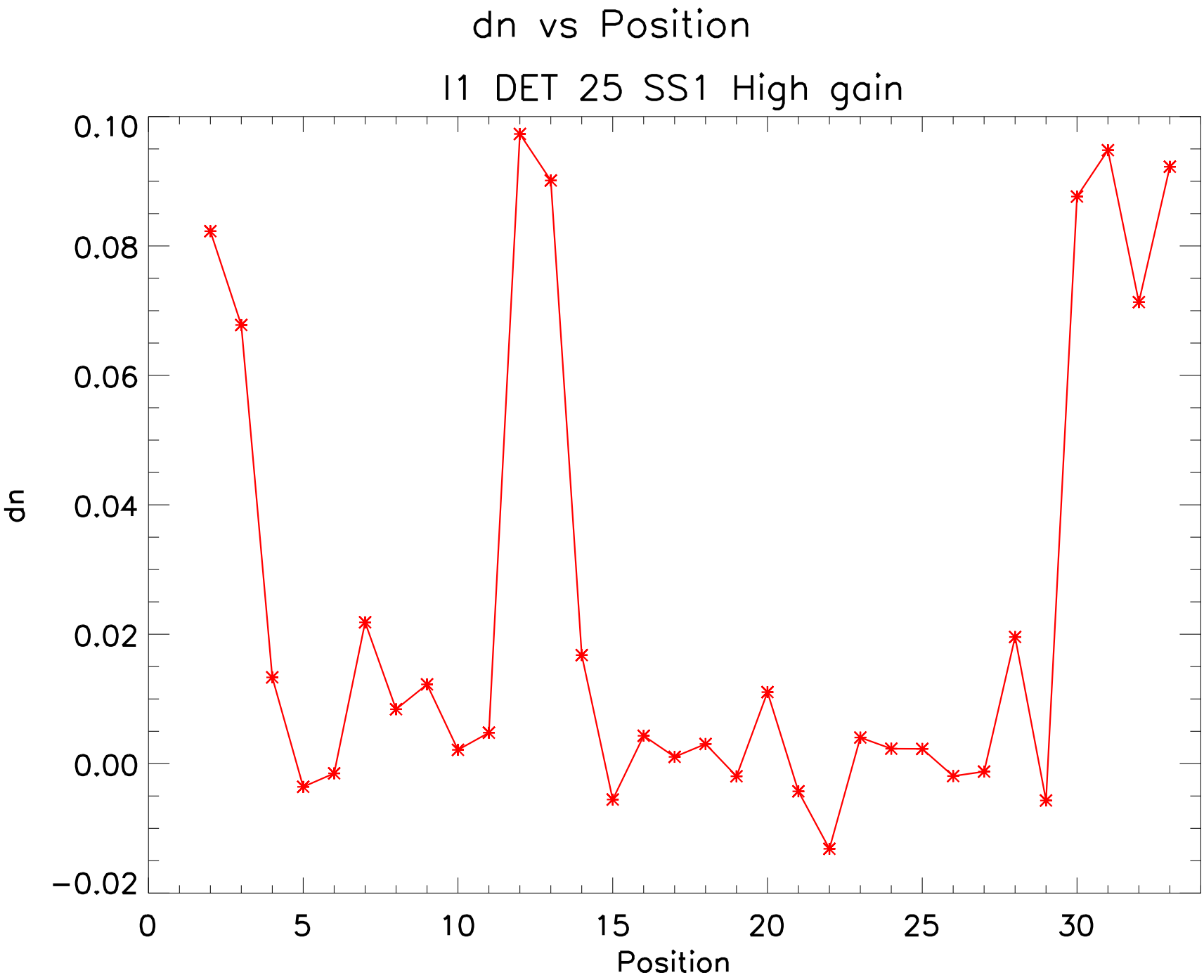

dn vs Position
I1 DET 22 SS2 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

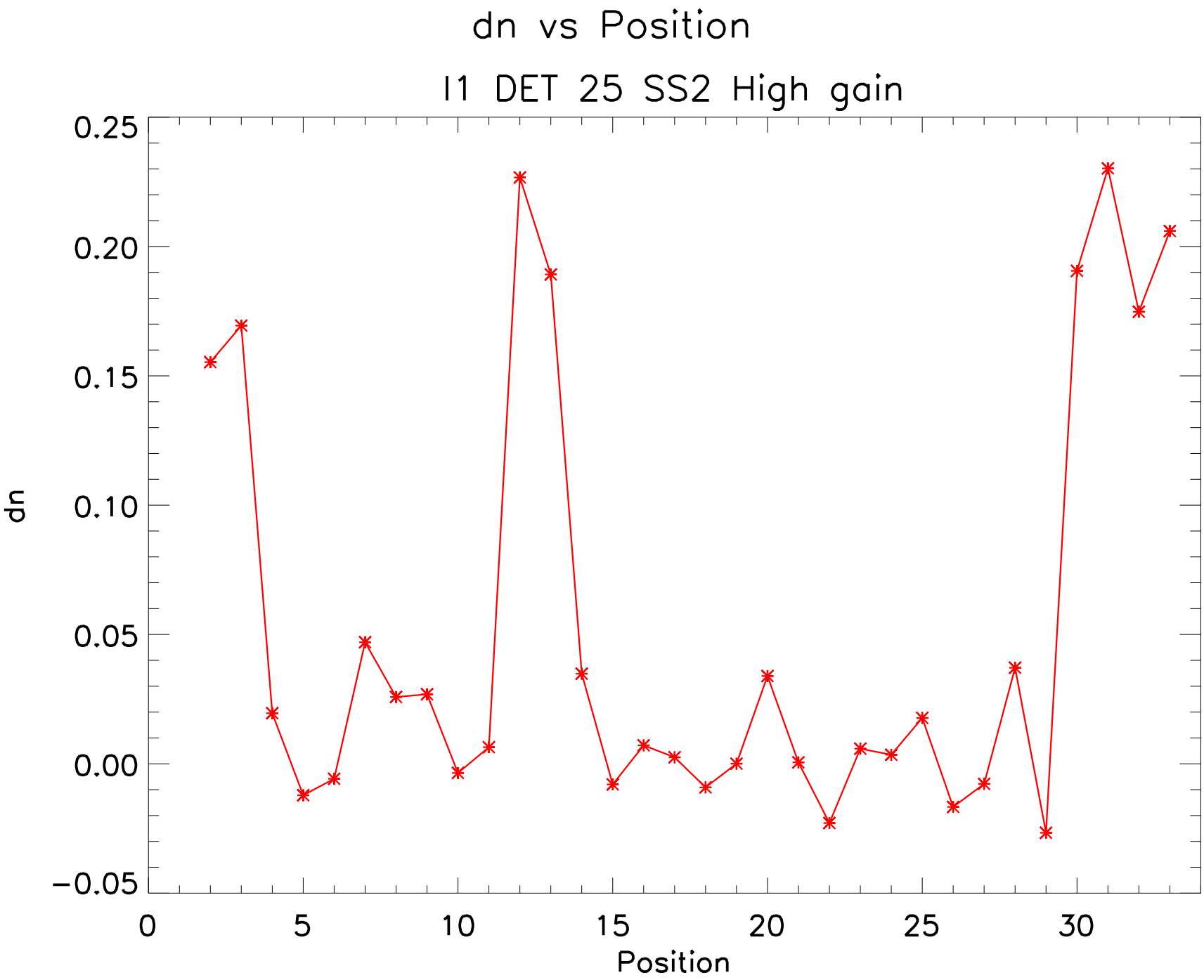

dn vs Position
I1 DET 23 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

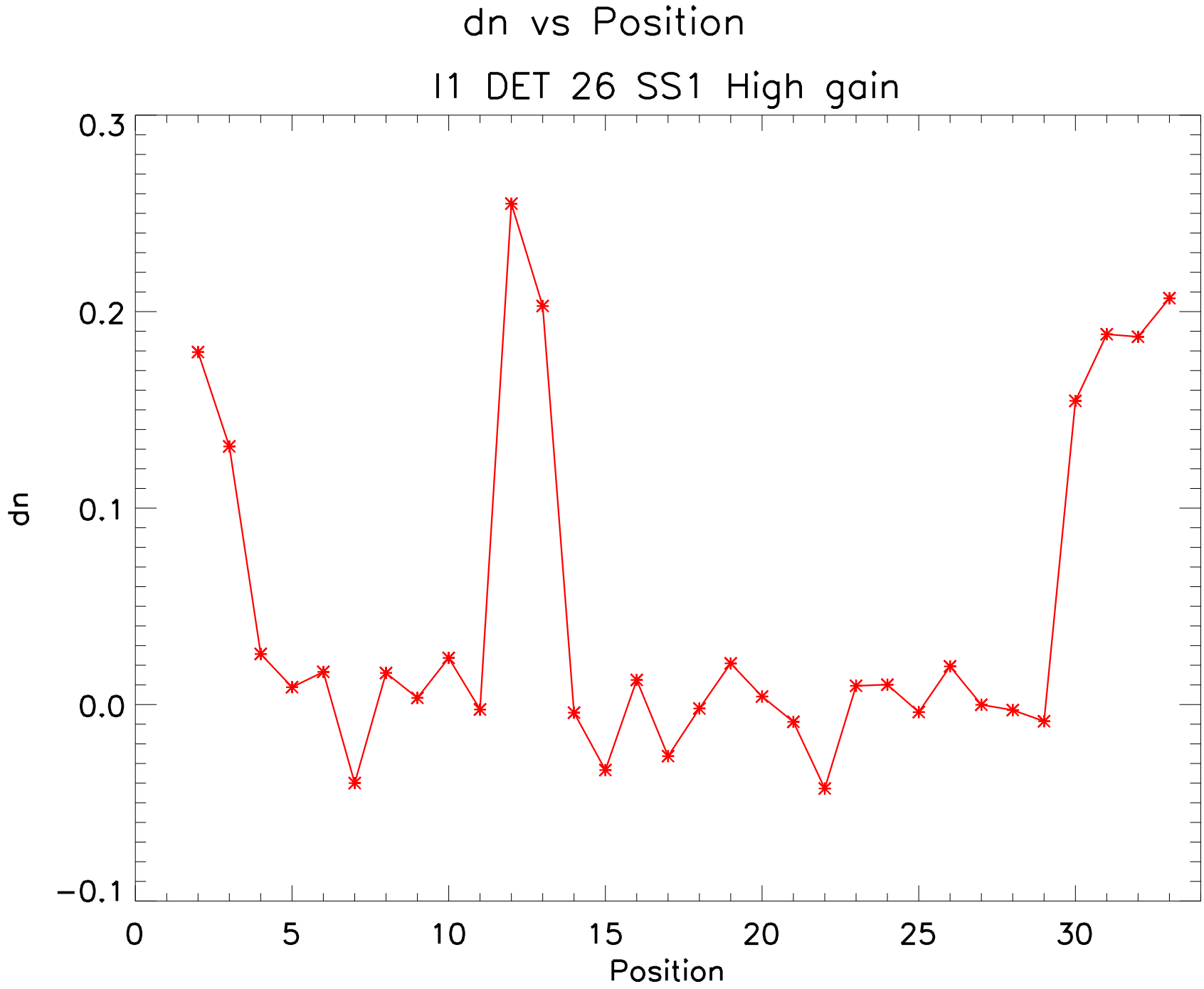

dn vs Position
I1 DET 23 SS2 High gain
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
dn
0
5
10
15
20
25
30
Position

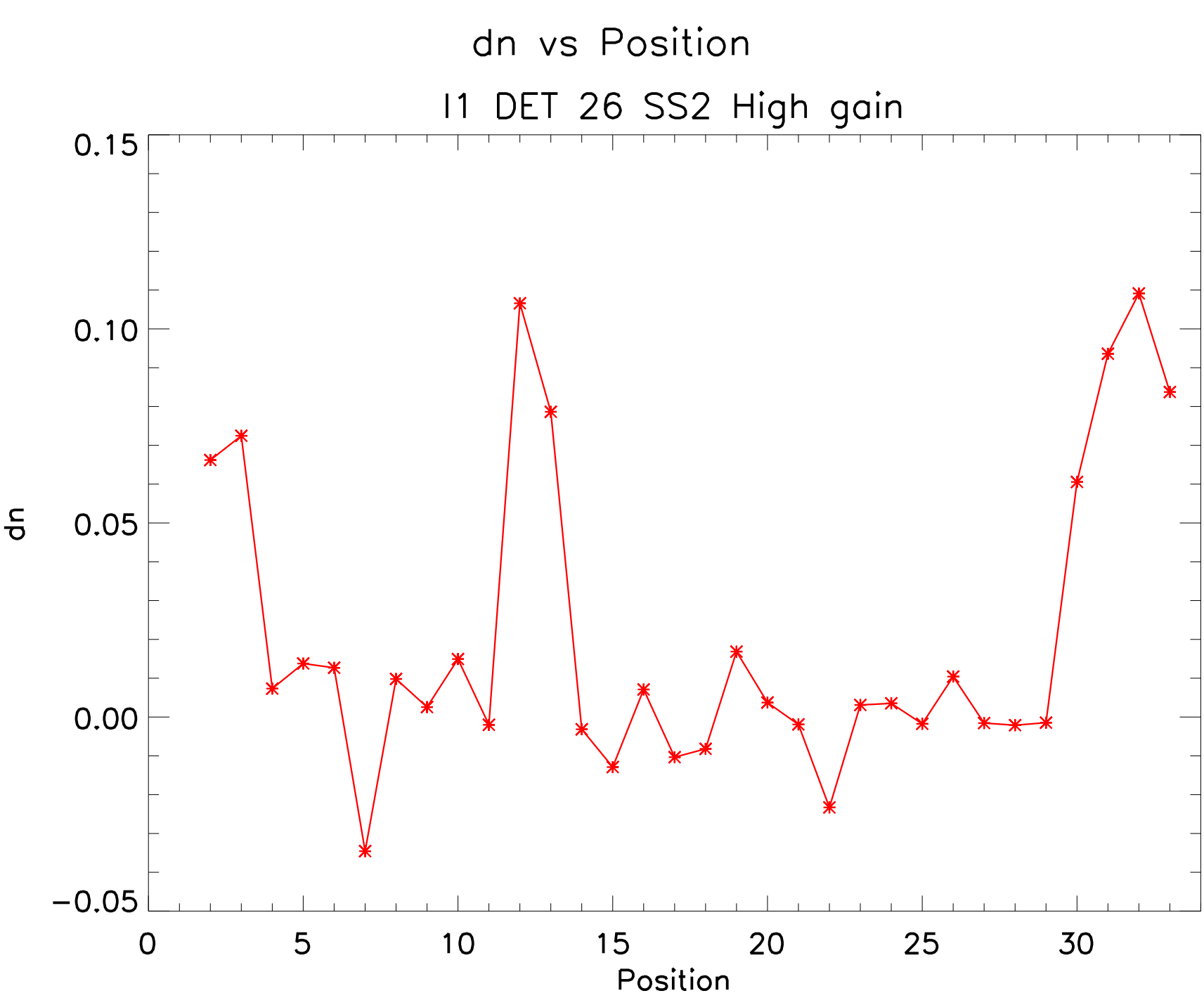

dn vs Position
I1 DET 24 SS1 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

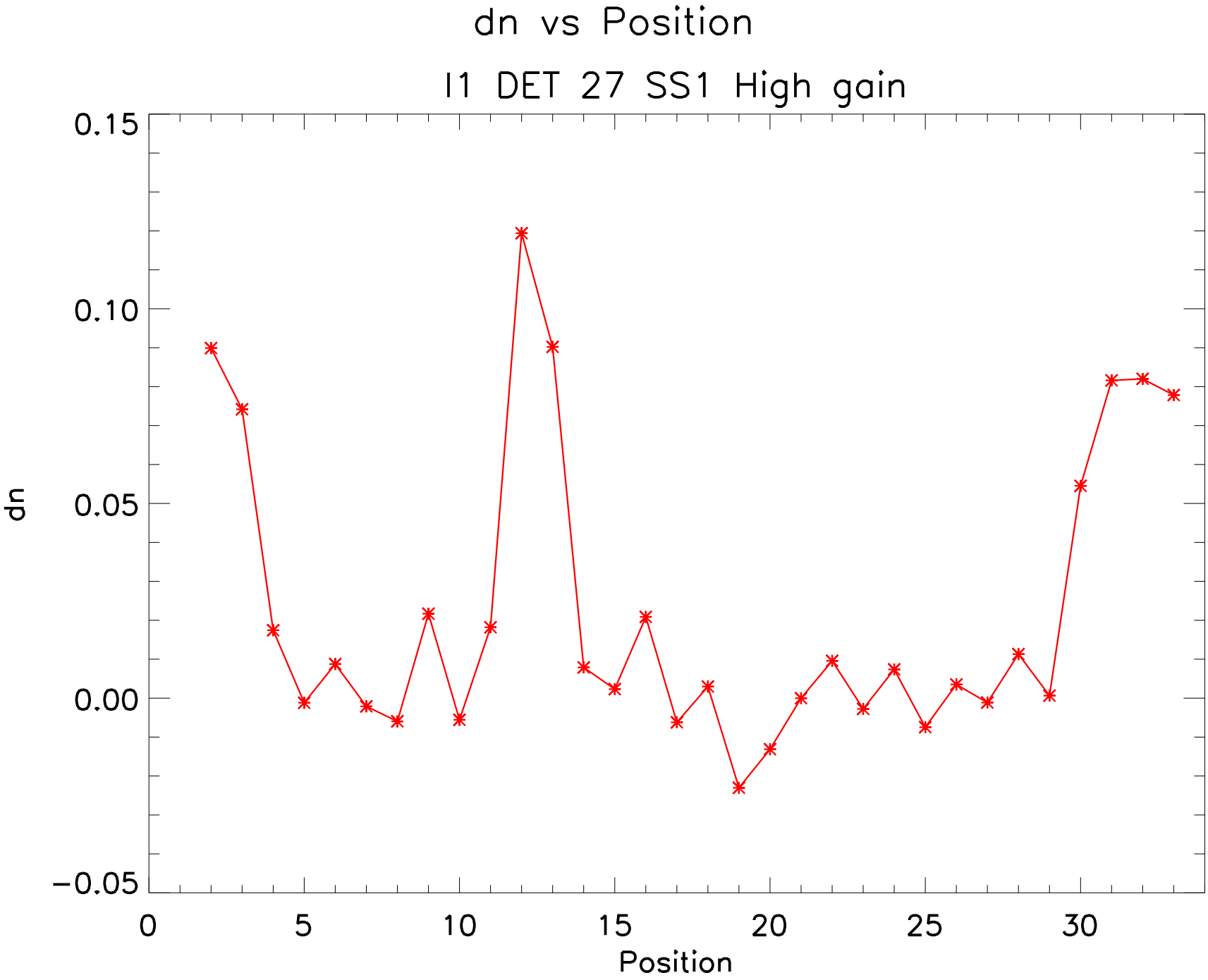

dn vs Position
I1 DET 24 SS2 High gain
dn
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
5
10
15
20
25
30
Position

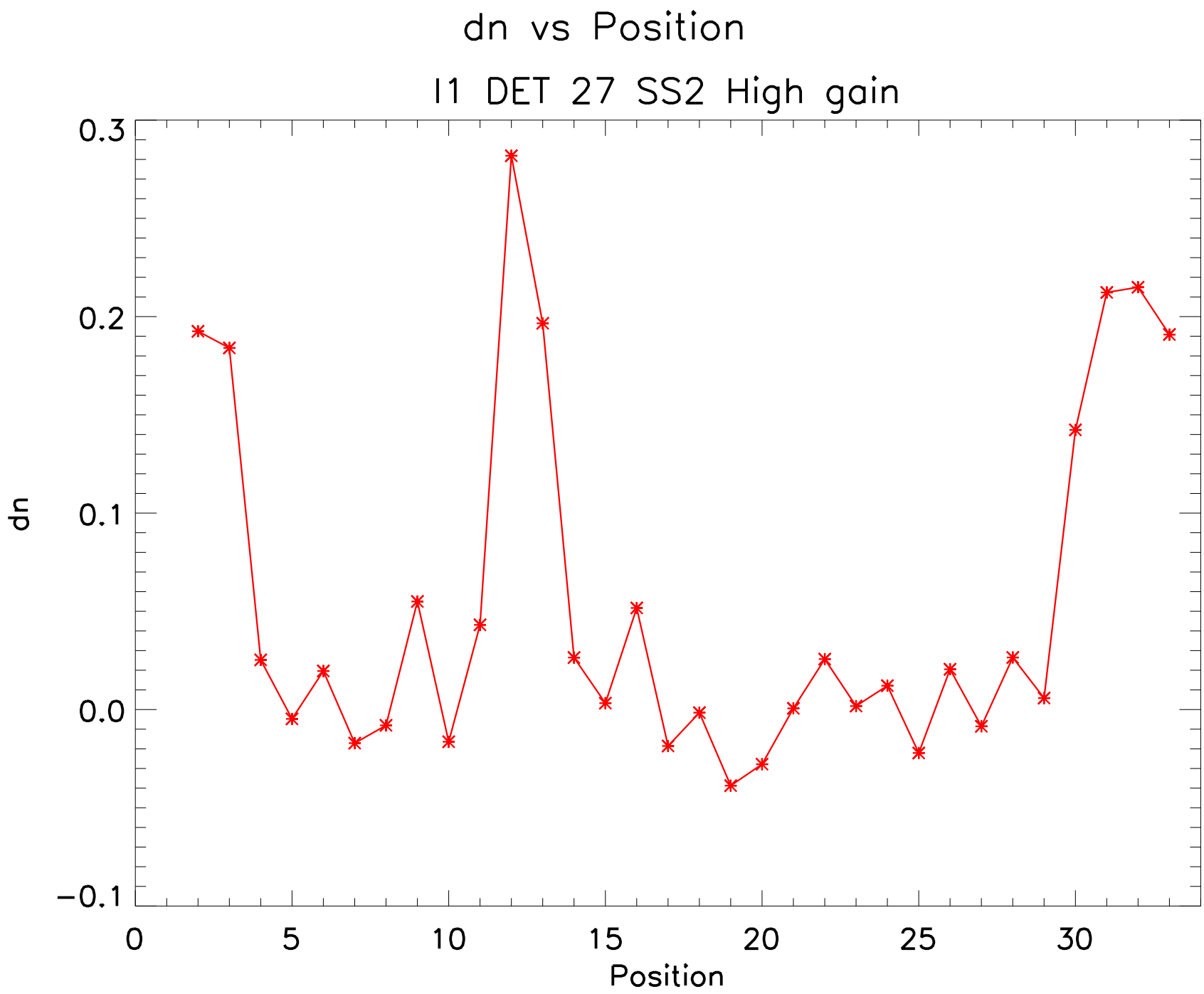

dn vs Position
I1 DET 25 SS1 High gain
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
dn
0
5
10
15
20
25
30
Position

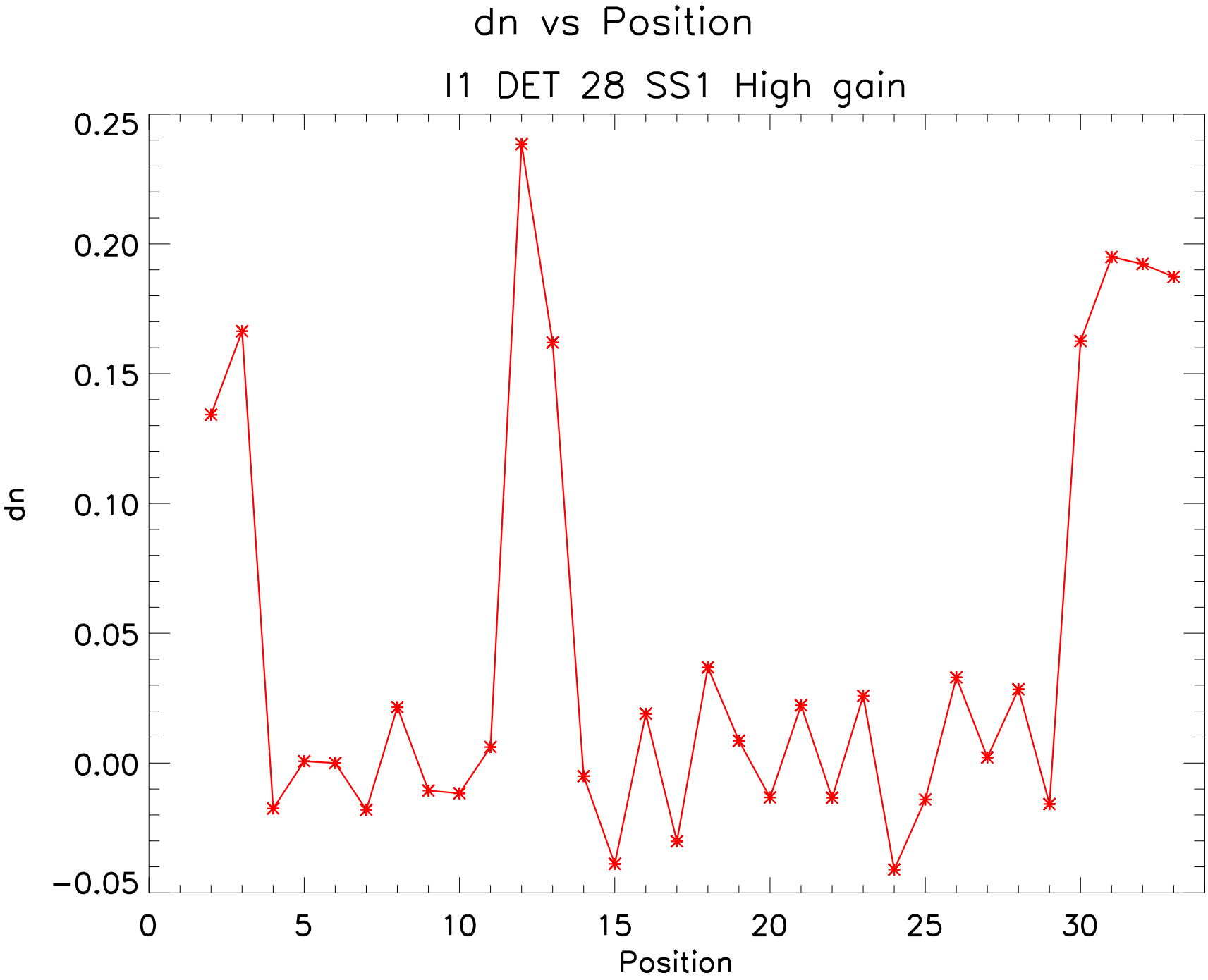

dn vs Position
I1 DET 25 SS2 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

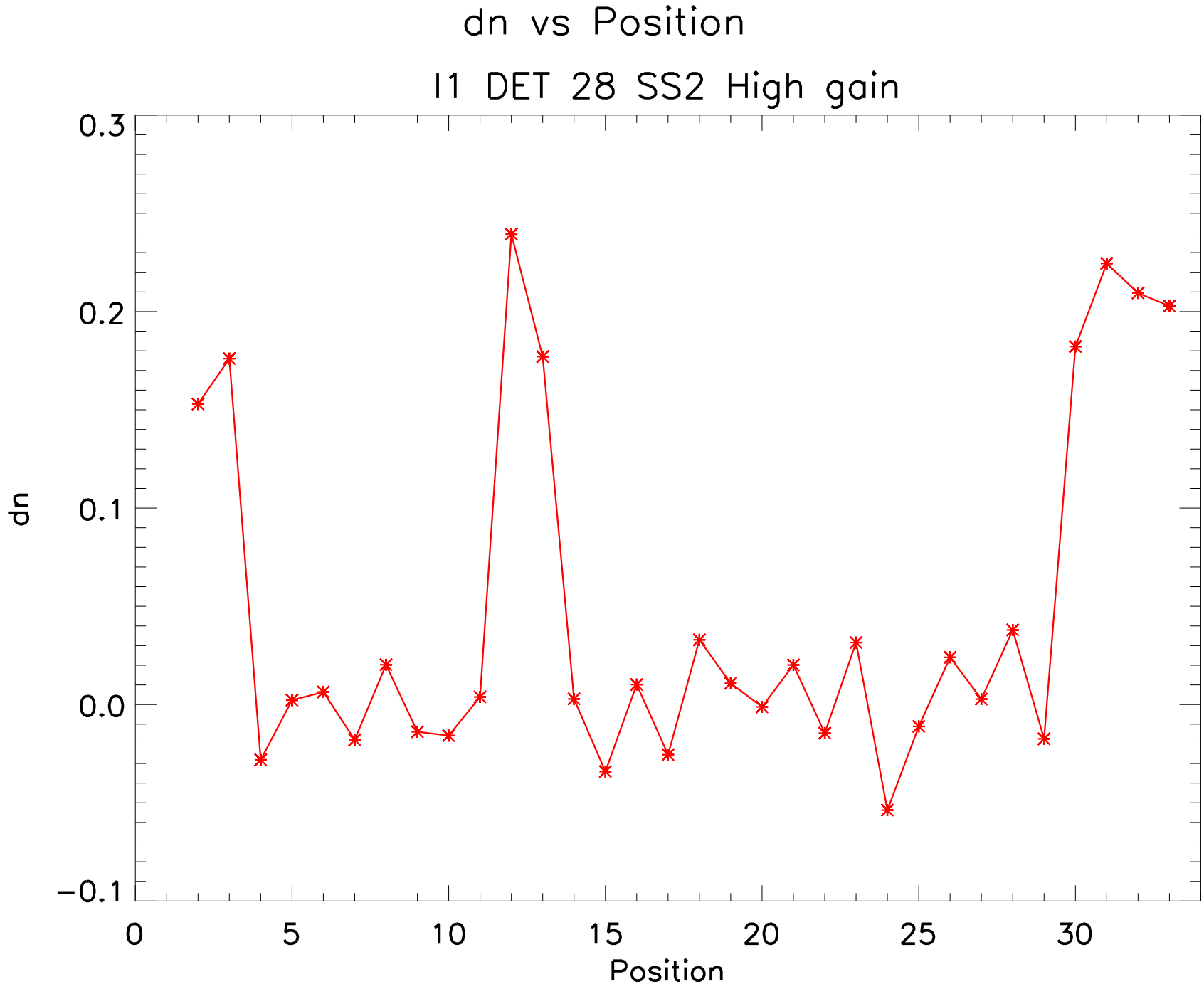

dn vs Position
I1 DET 26 SS1 High gain
dn
Position
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

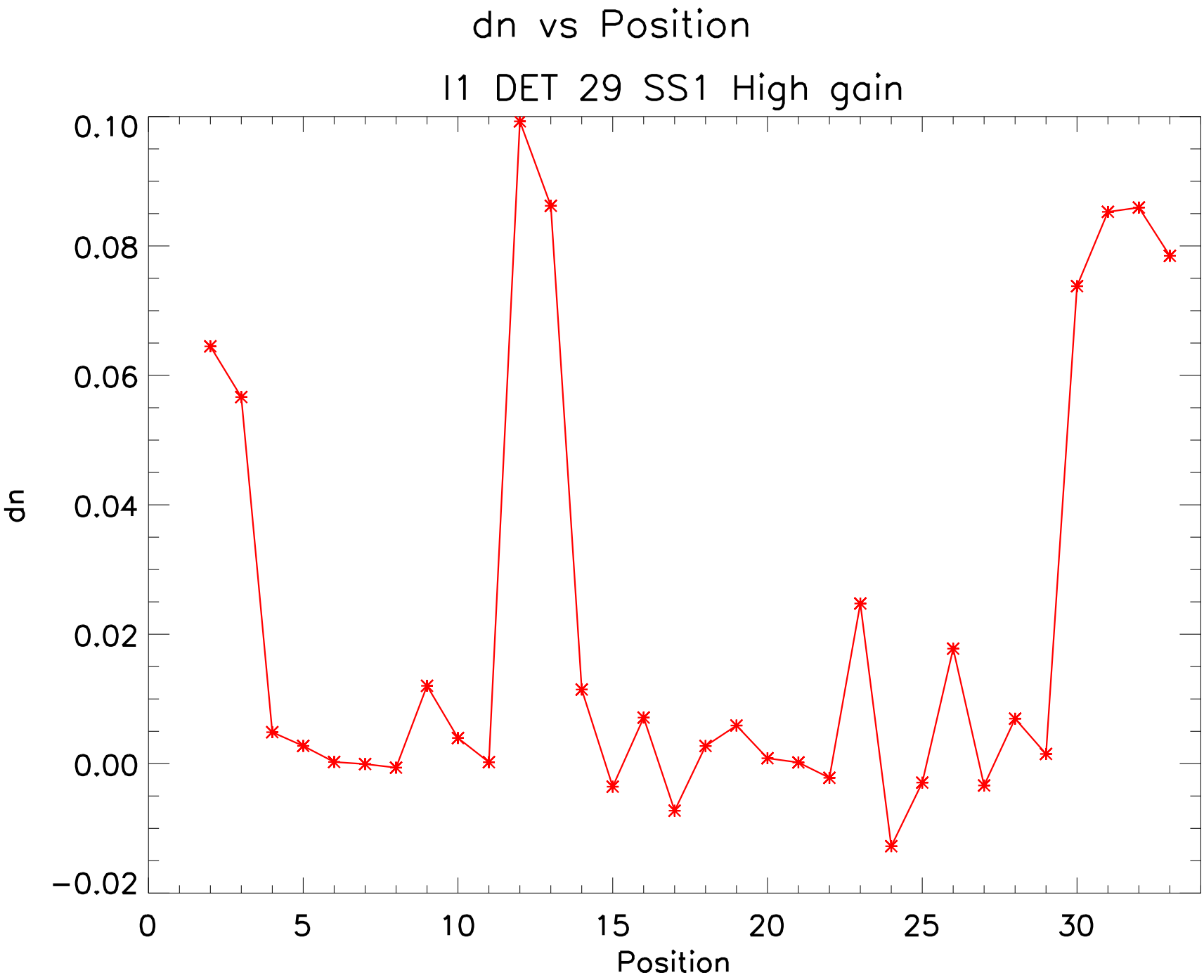

dn vs Position
I1 DET 26 SS2 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

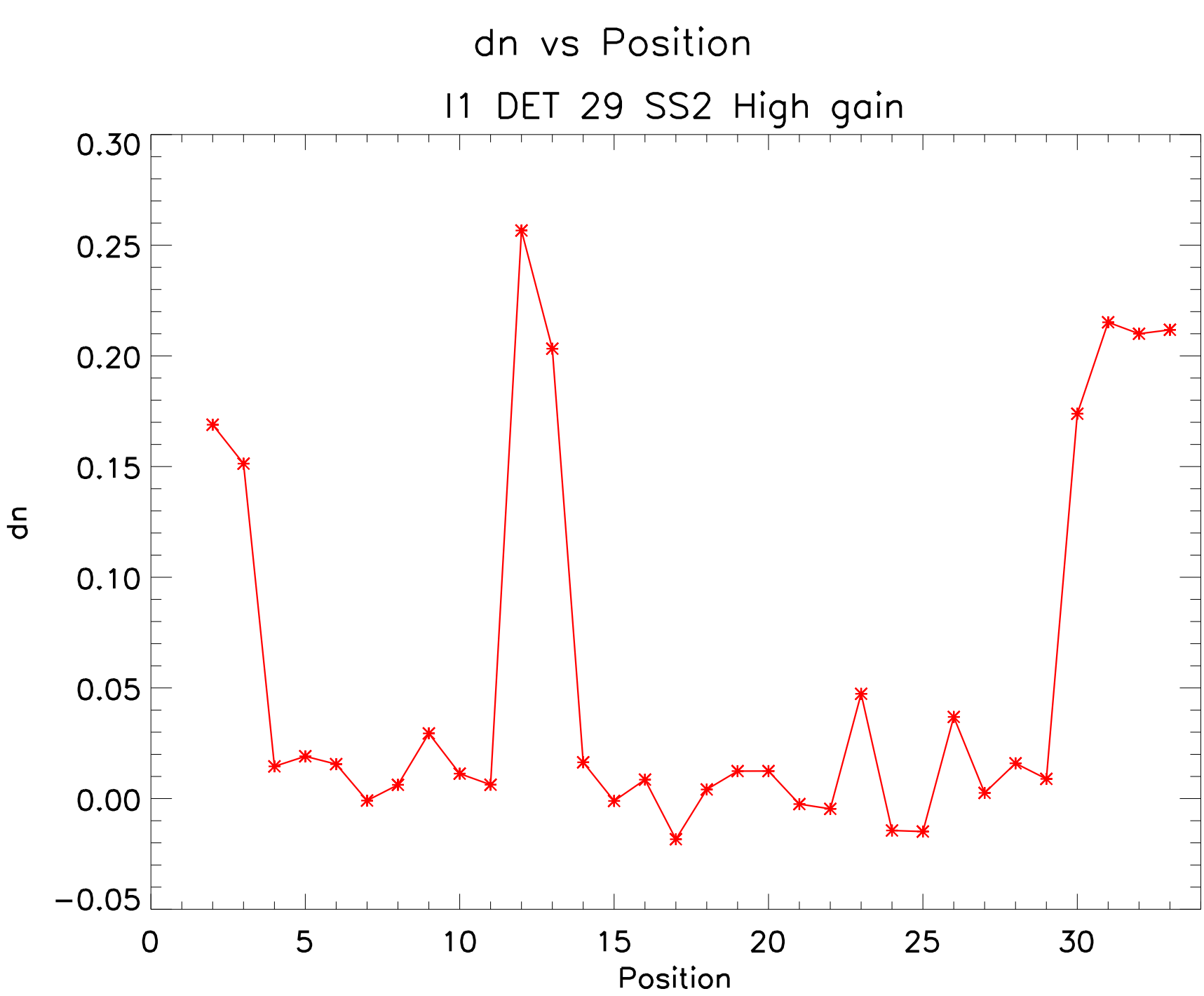

dn vs Position
I1 DET 27 SS1 High gain
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

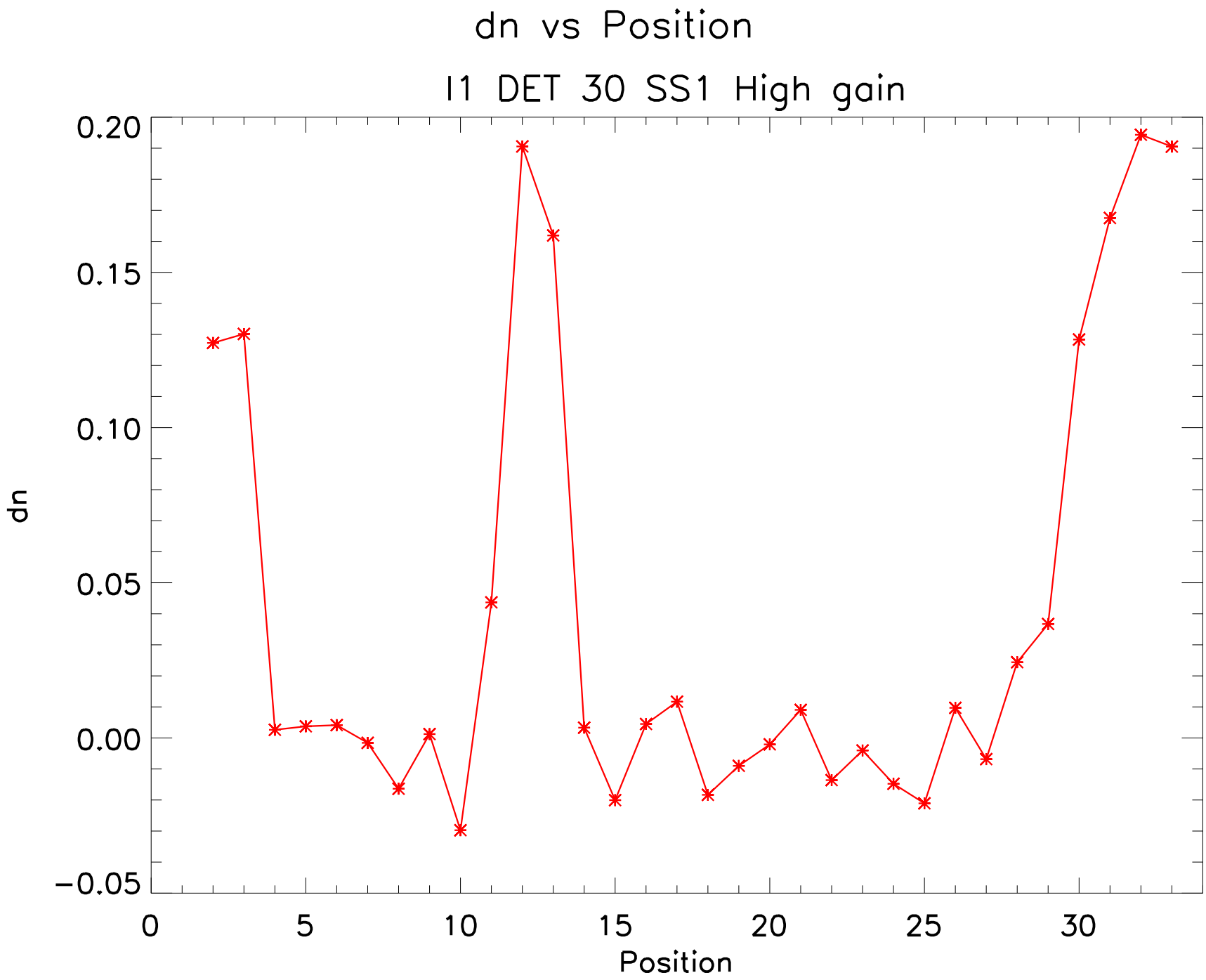

dn vs Position
I1 DET 27 SS2 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

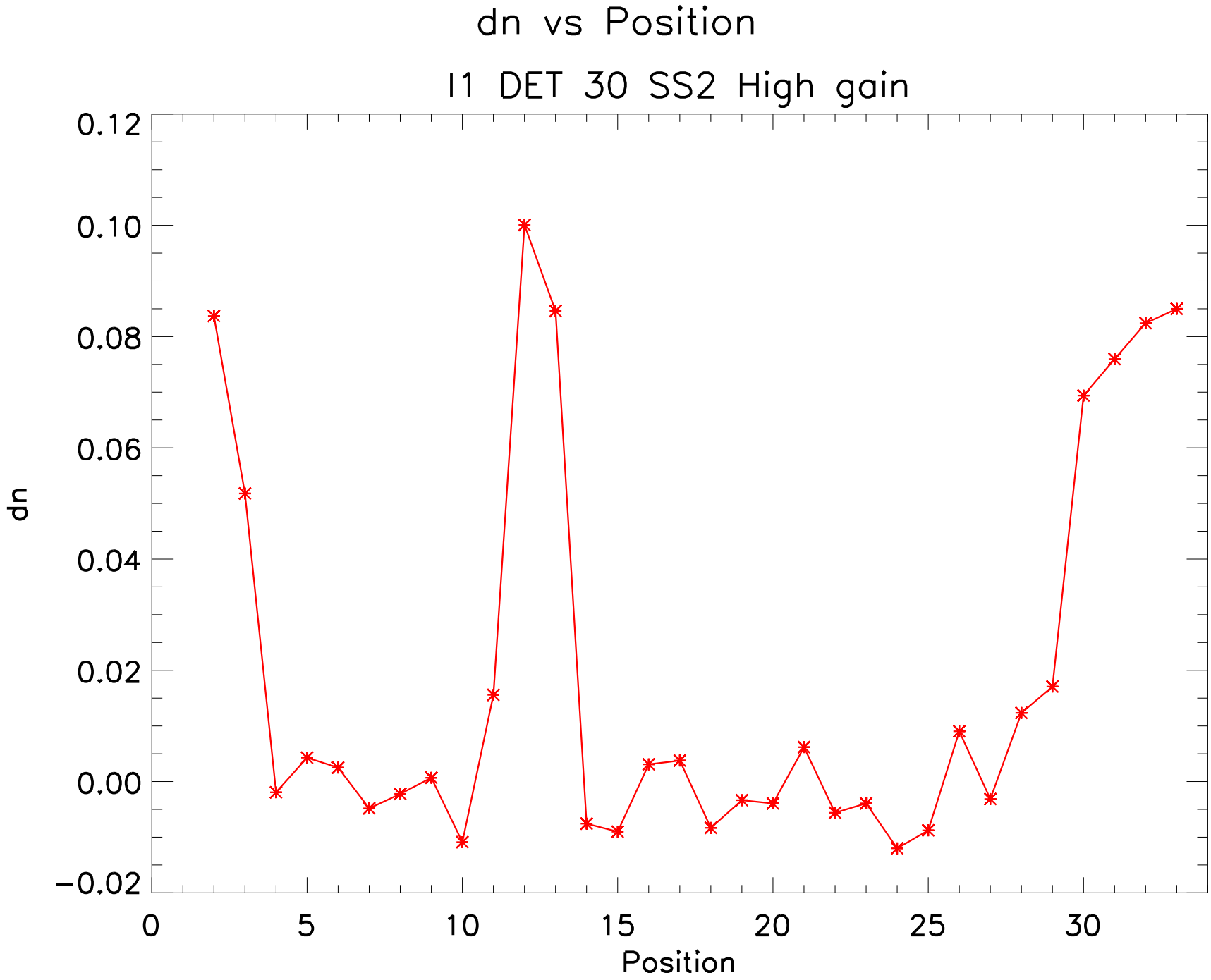

dn vs Position
I1 DET 28 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

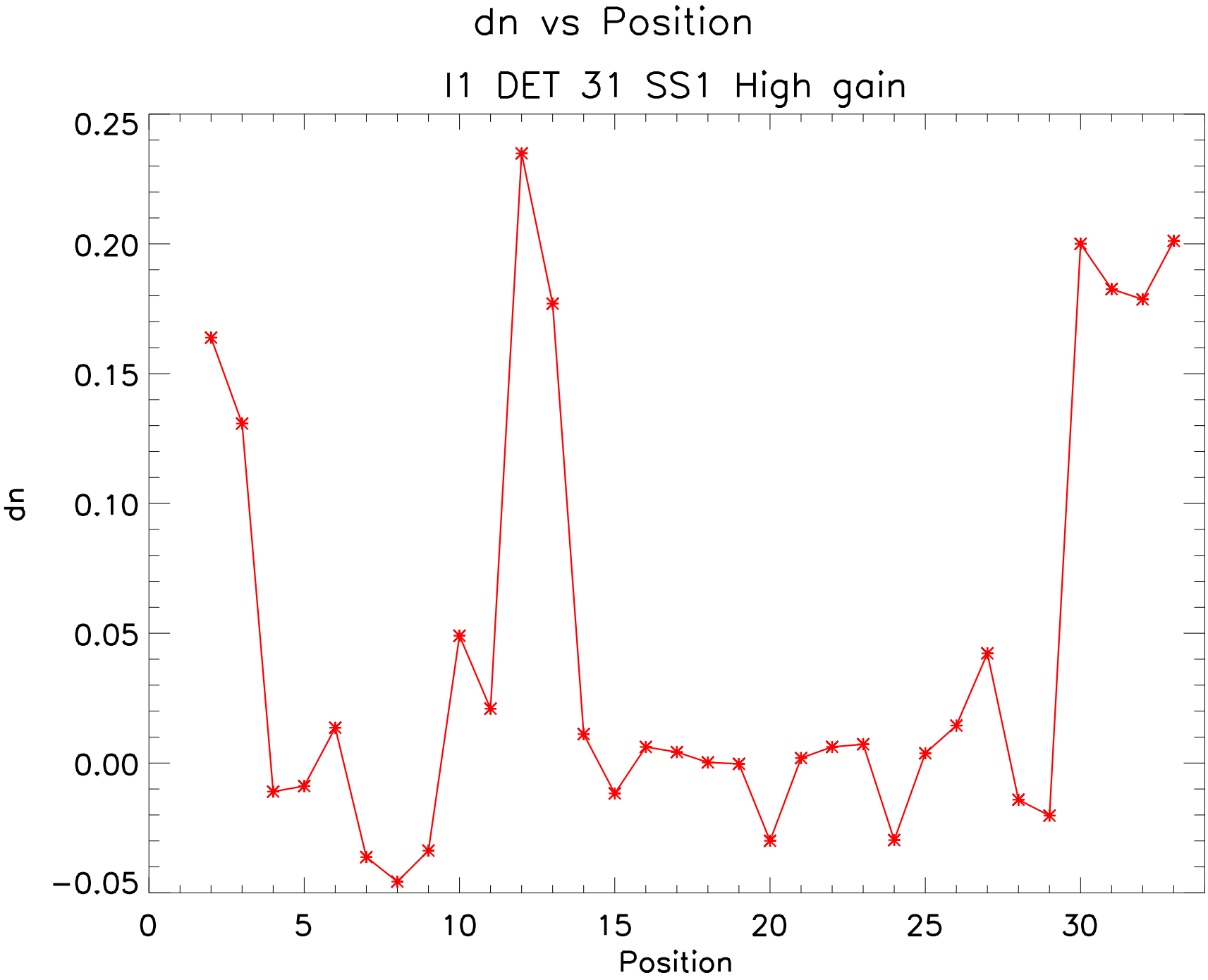

dn vs Position
I1 DET 28 SS2 High gain
dn
Position
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

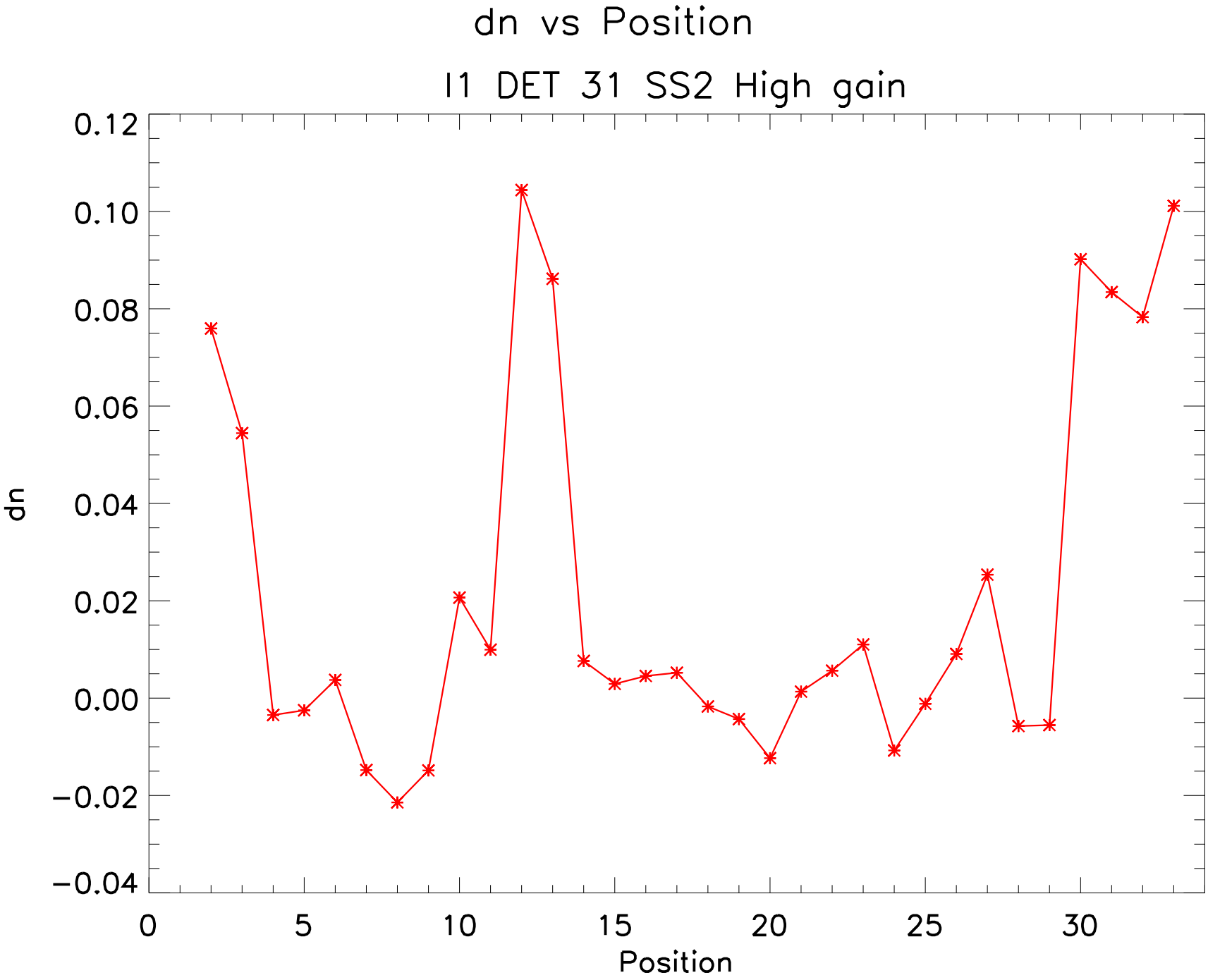

dn vs Position
I1 DET 29 SS1 High gain
dn
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
0
5
10
15
20
25
30
Position

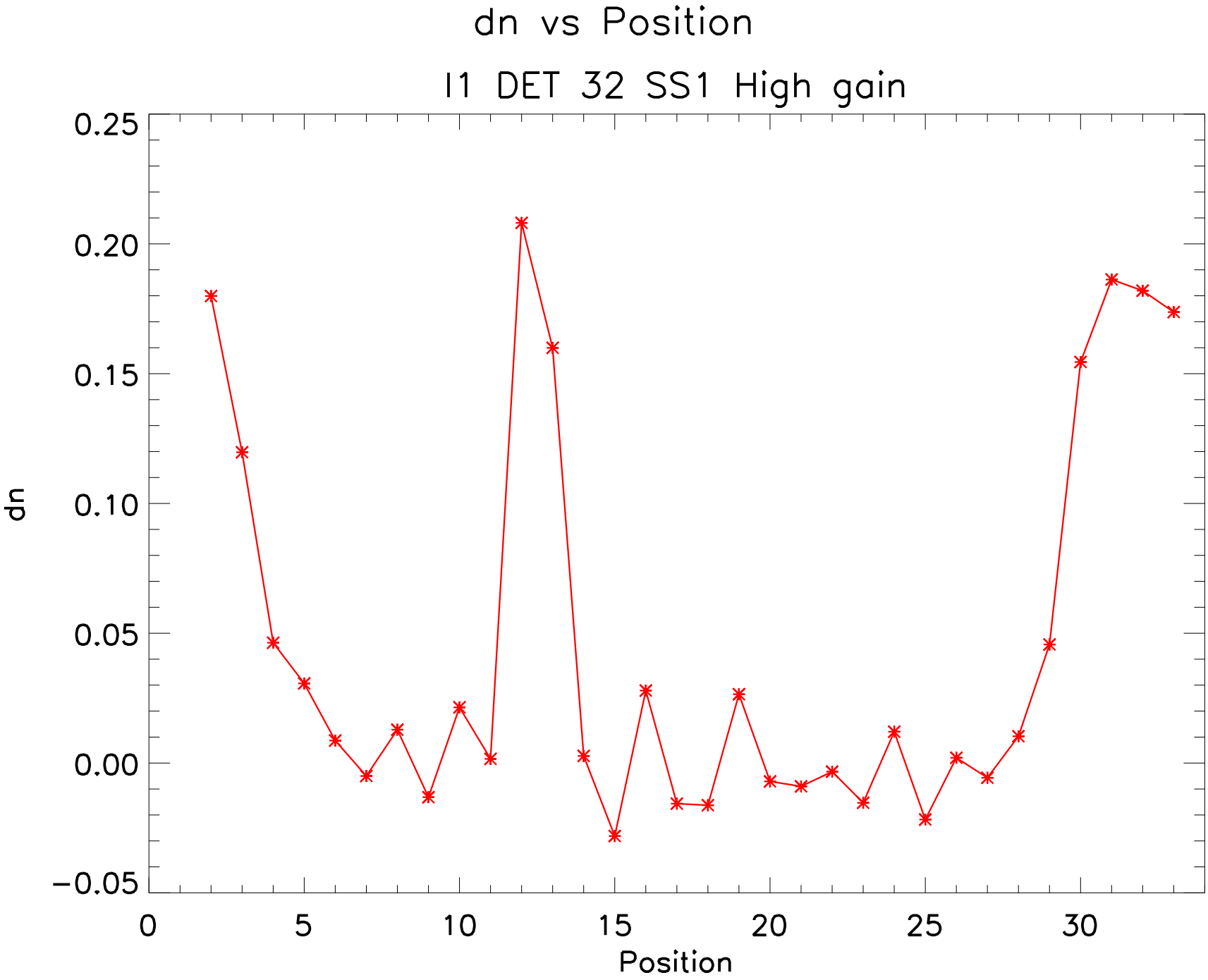

dn vs Position
I1 DET 29 SS2 High gain
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

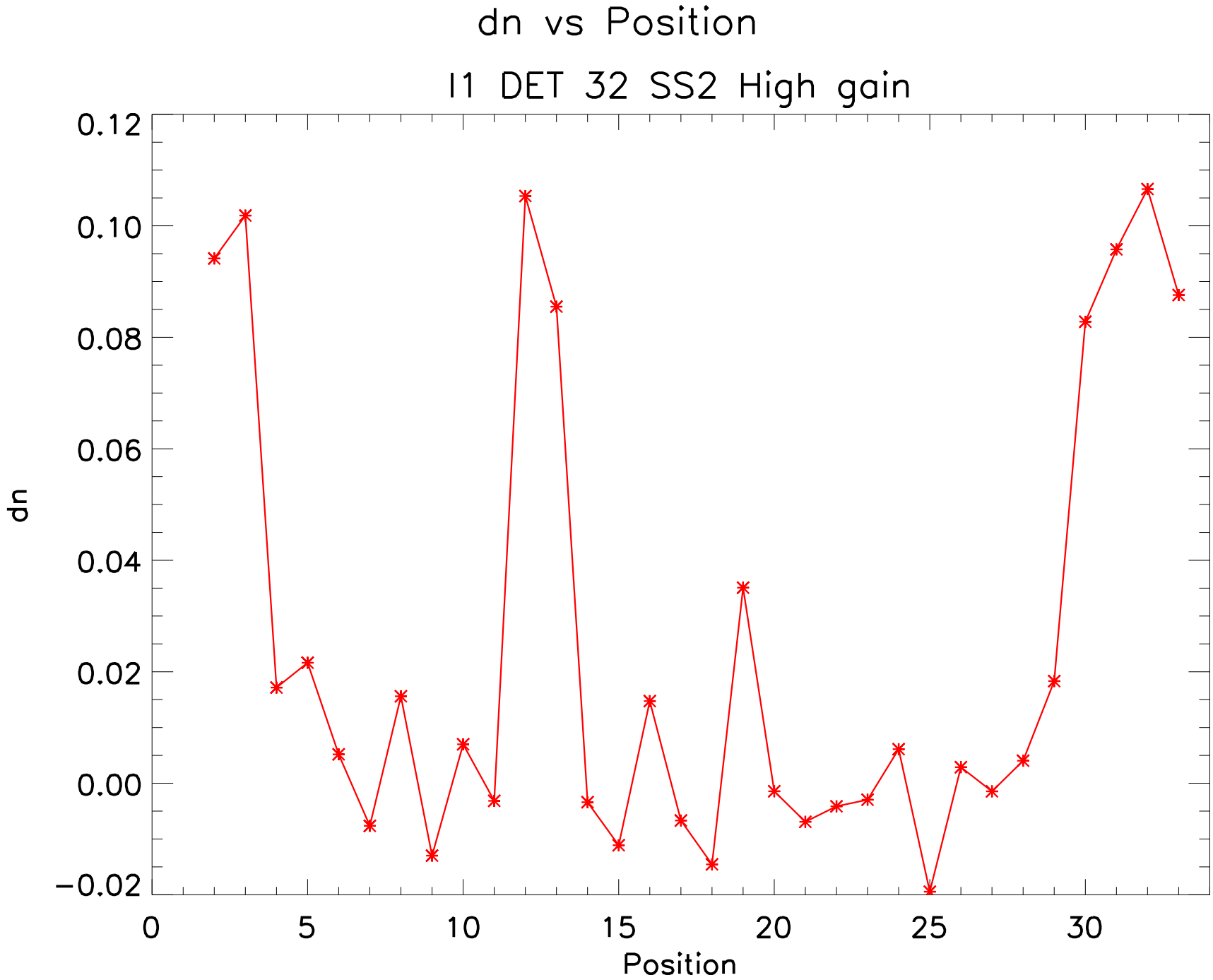

dn vs Position
I1 DET 30 SS1 High gain
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

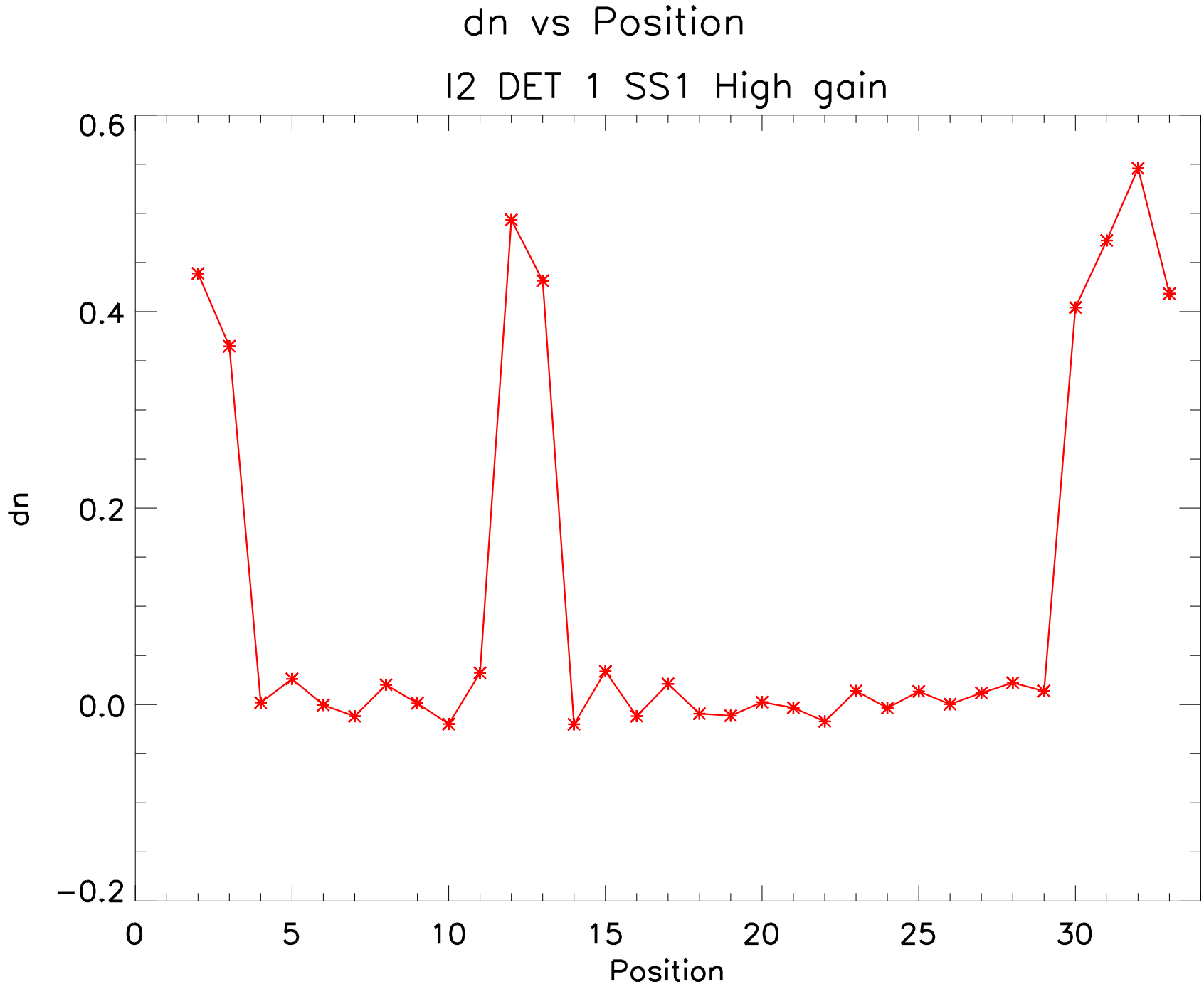

dn vs Position
I1 DET 30 SS2 High gain
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
dn
0
5
10
15
20
25
30
Position

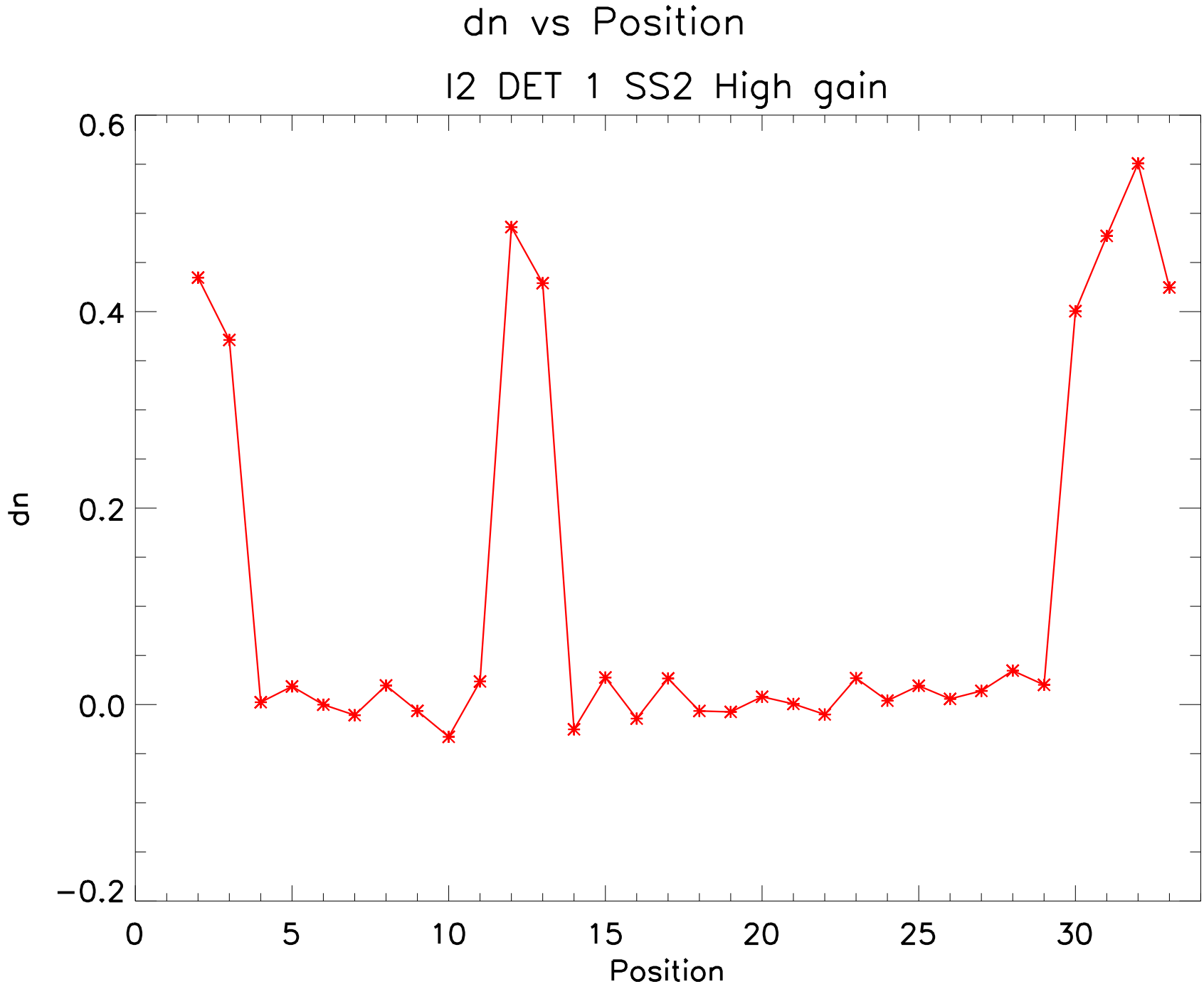

dn vs Position
I1 DET 31 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

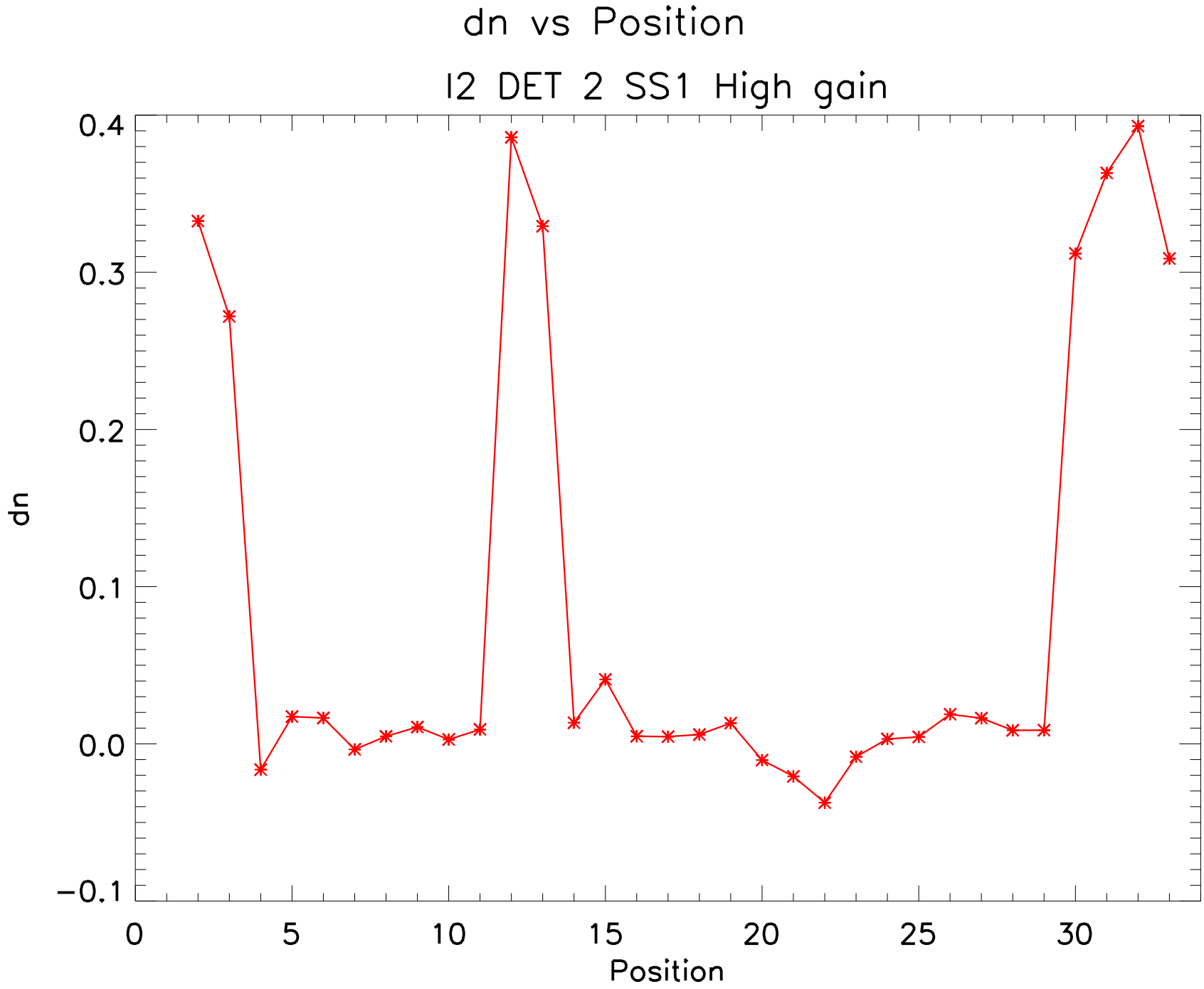

dn vs Position
I1 DET 31 SS2 High gain
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
dn
0
5
10
15
20
25
30
Position

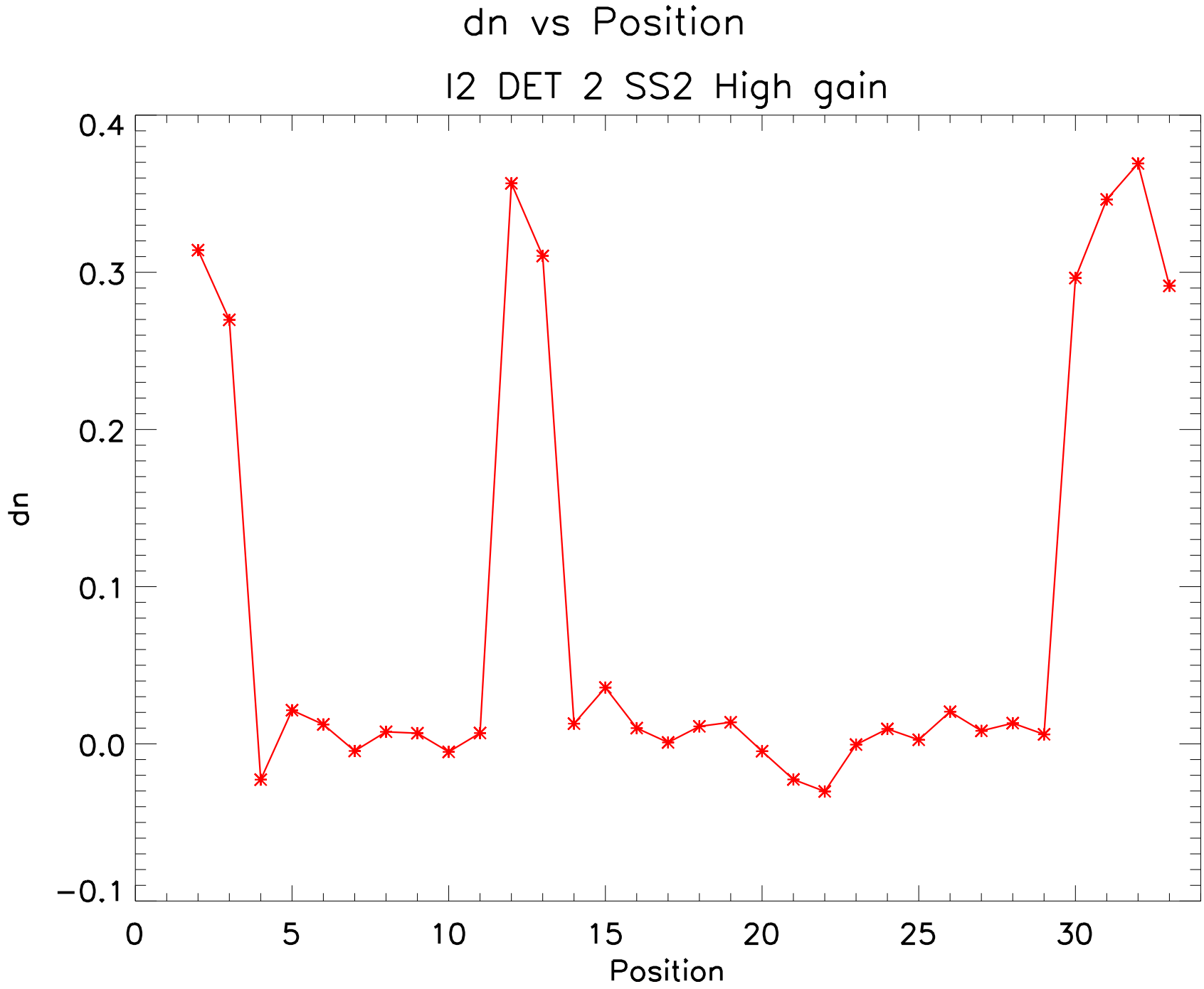

dn vs Position
I1 DET 32 SS1 High gain
dn
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
5
10
15
20
25
30
Position

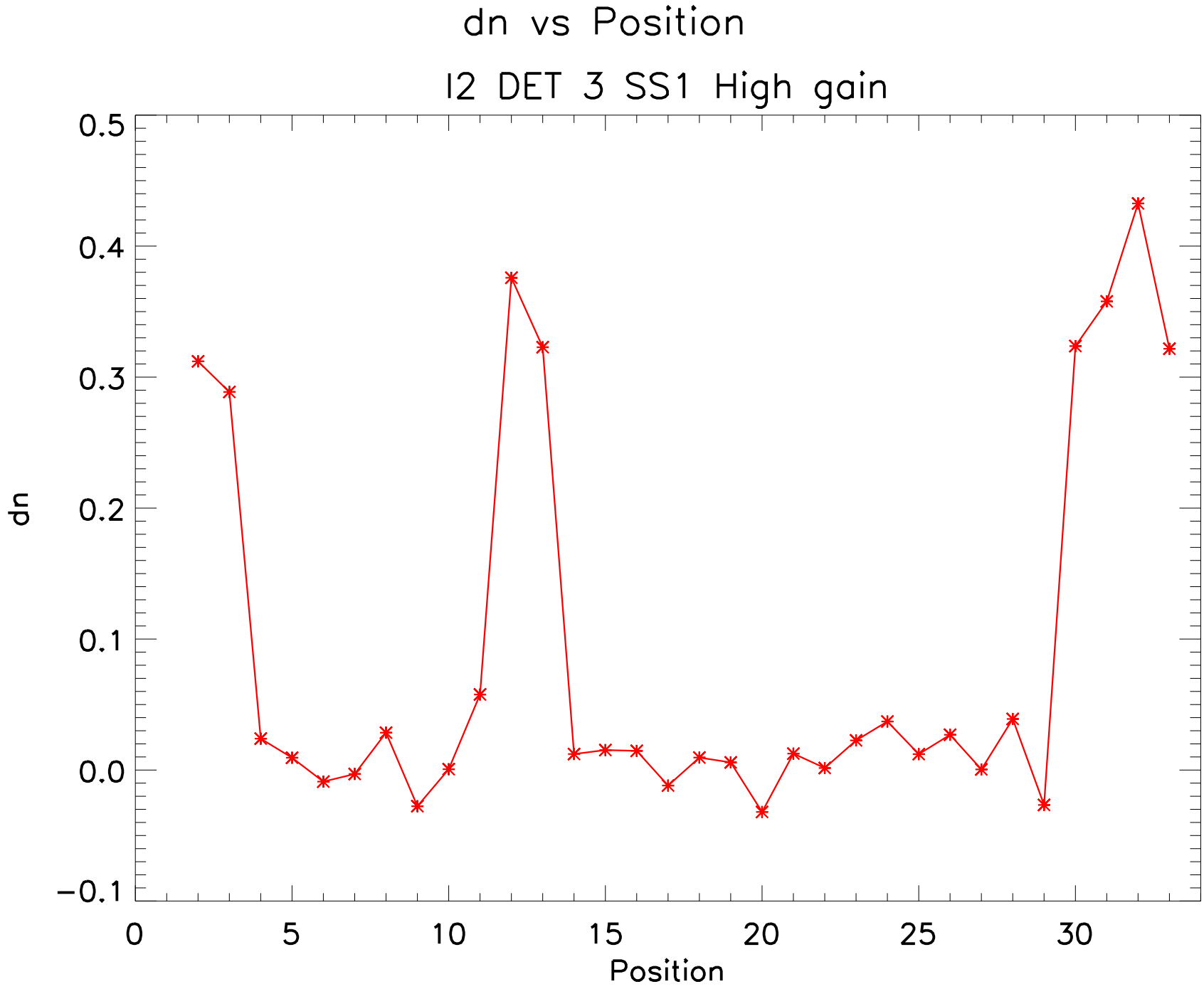

dn vs Position
I1 DET 32 SS2 High gain
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
dn
0
5
10
15
20
25
30
Position

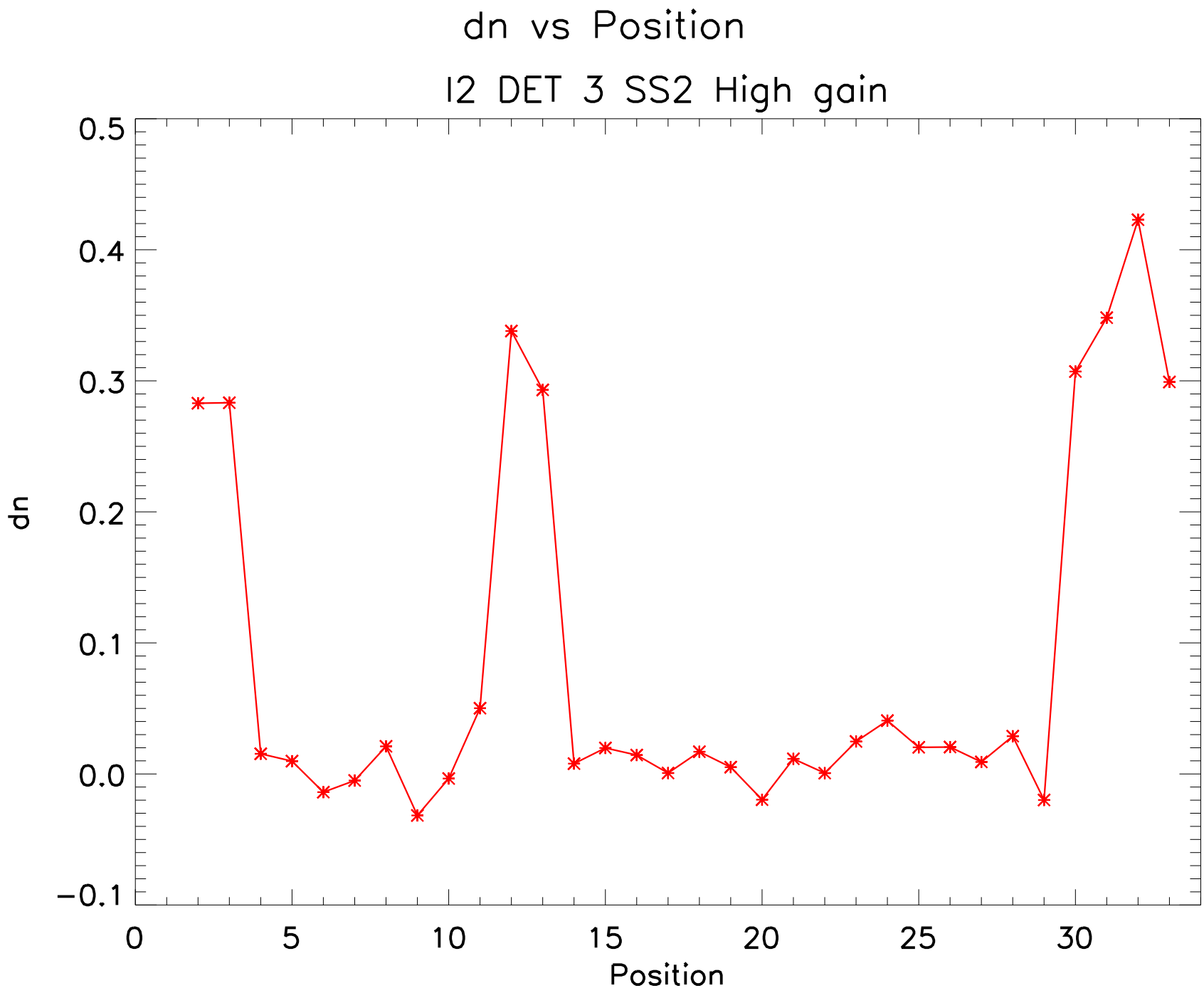

dn vs Position
I2 DET 1 SS1 High gain
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

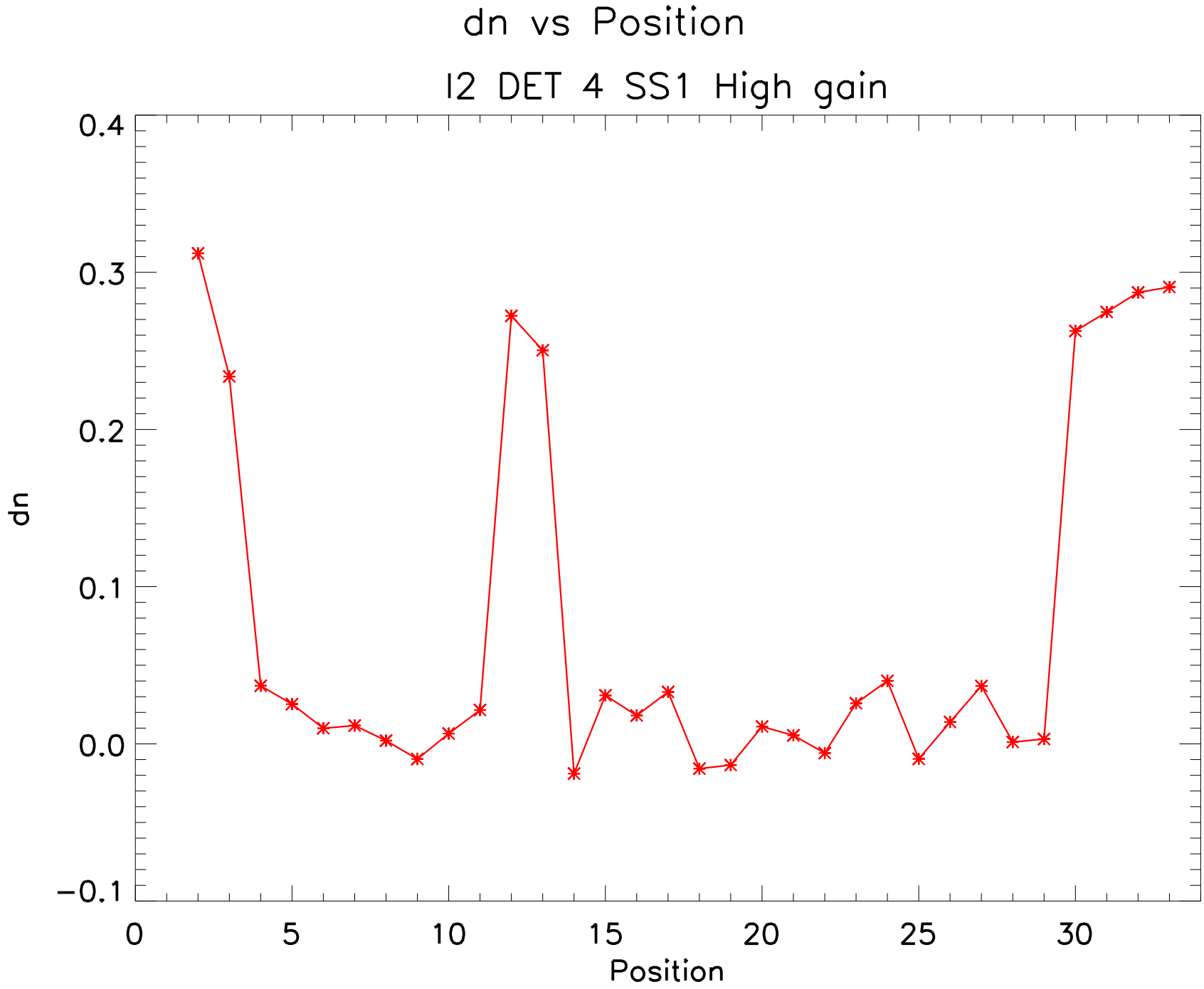

dn vs Position
I2 DET 1 SS2 High gain
dn
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

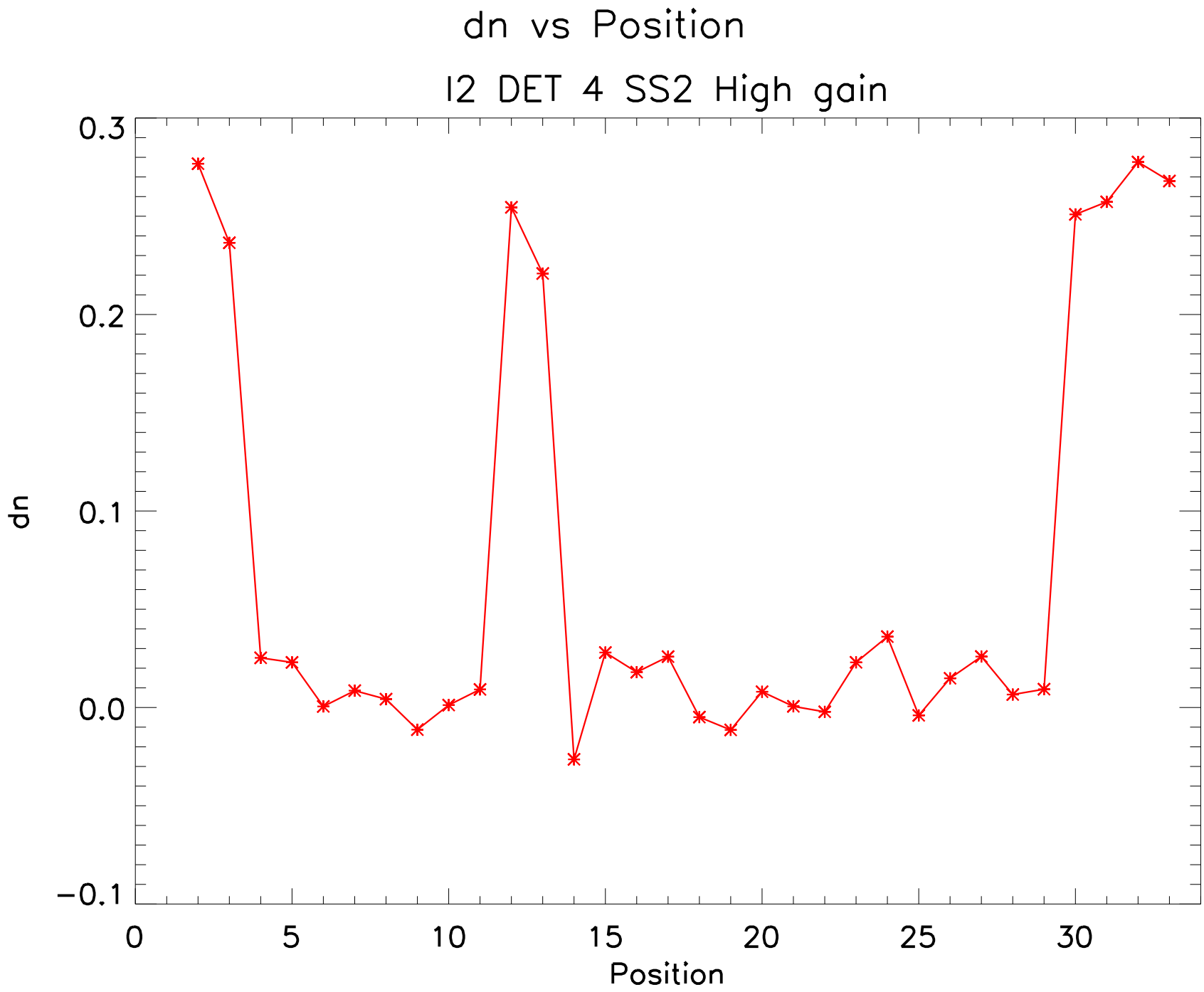

dn vs Position
I2 DET 2 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

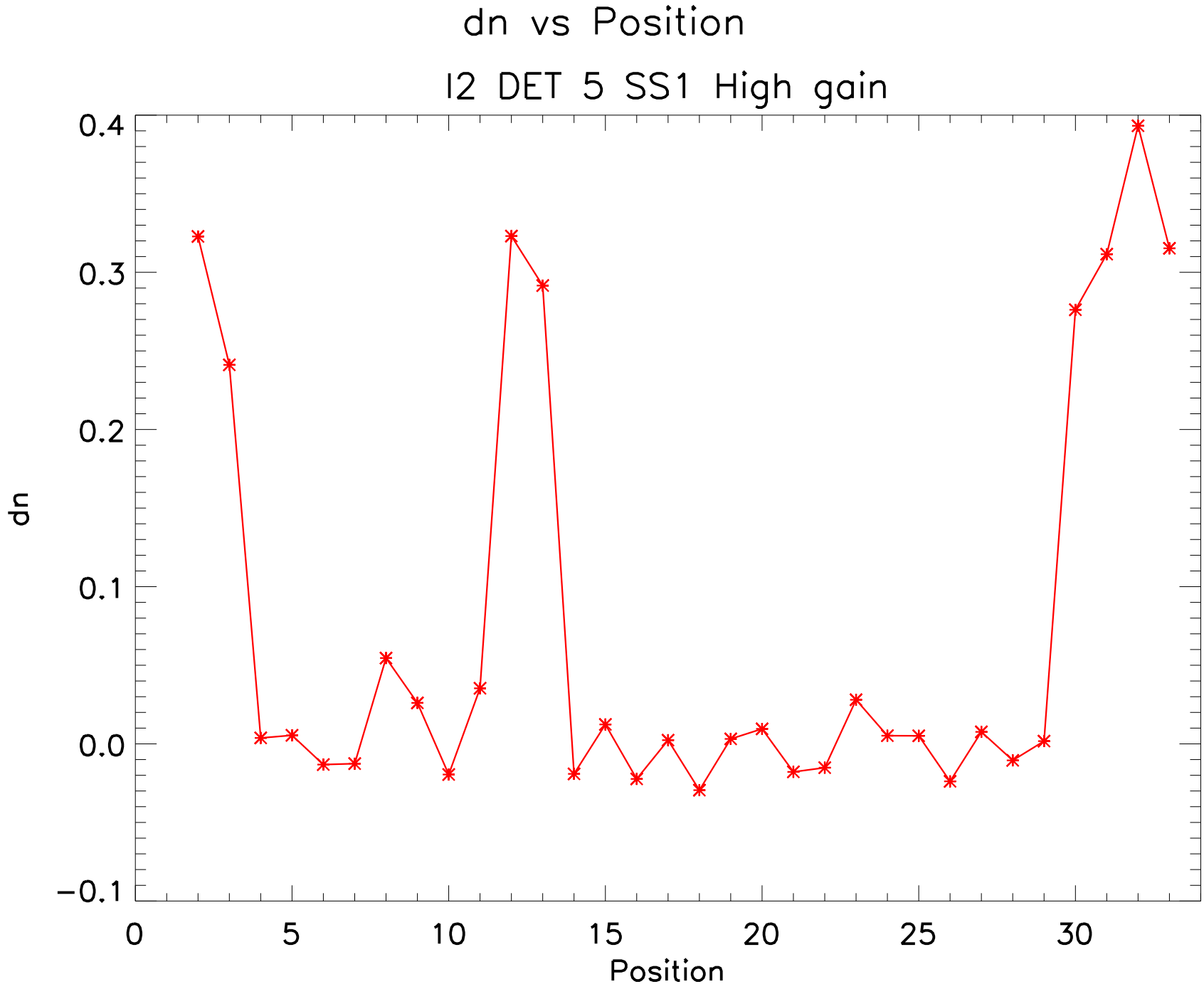

dn vs Position
I2 DET 2 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

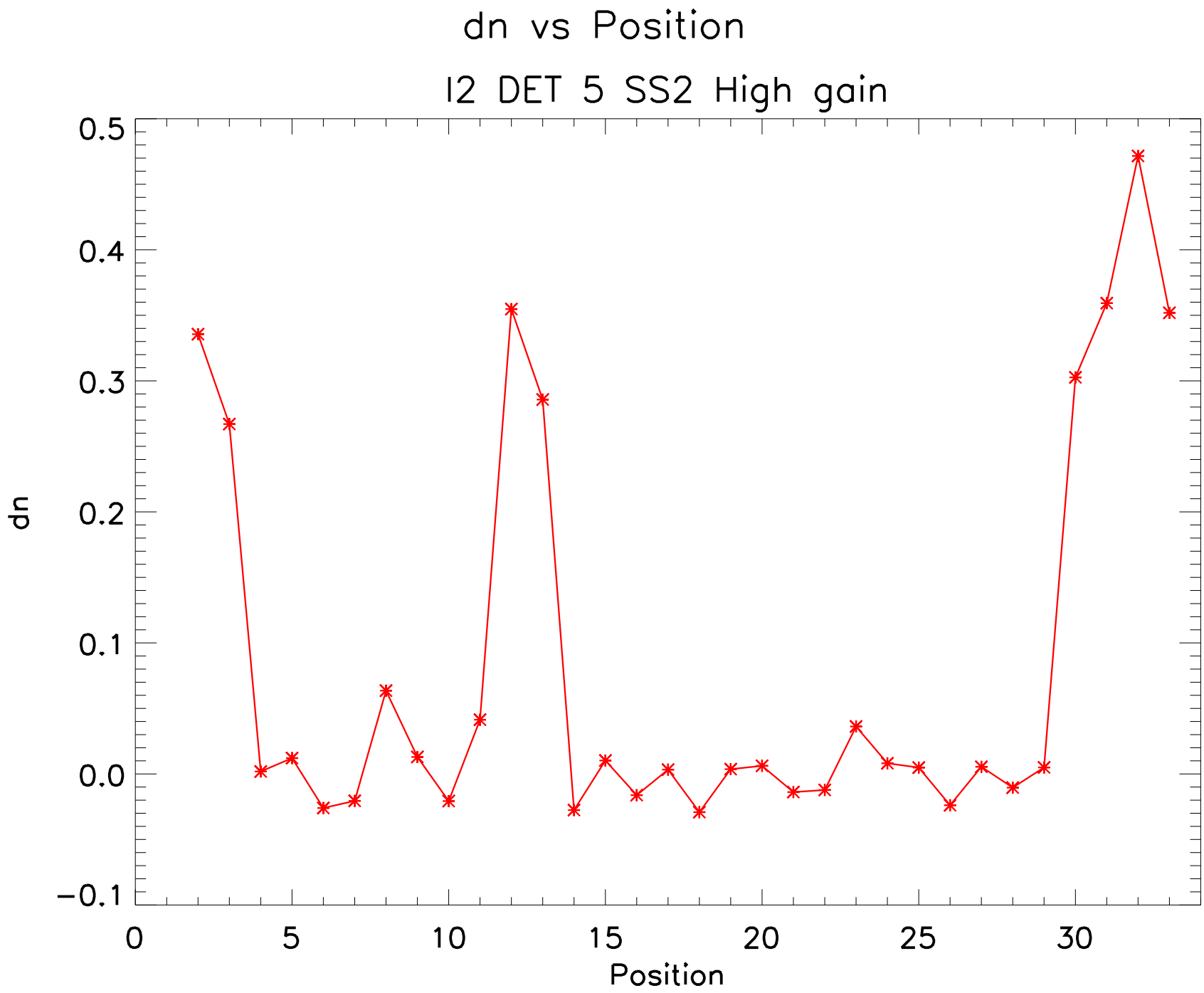

dn vs Position
I2 DET 3 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

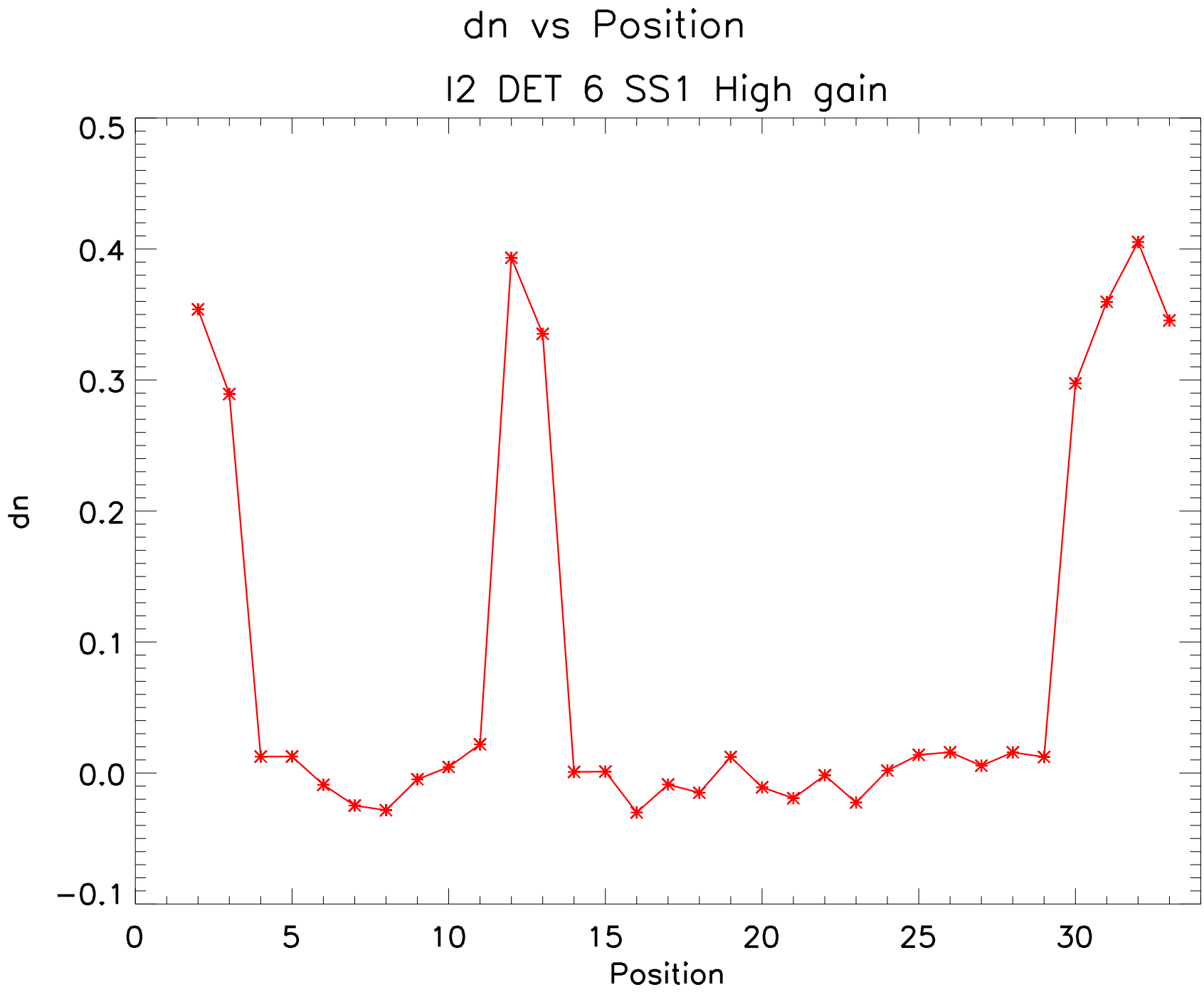

dn vs Position
I2 DET 3 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

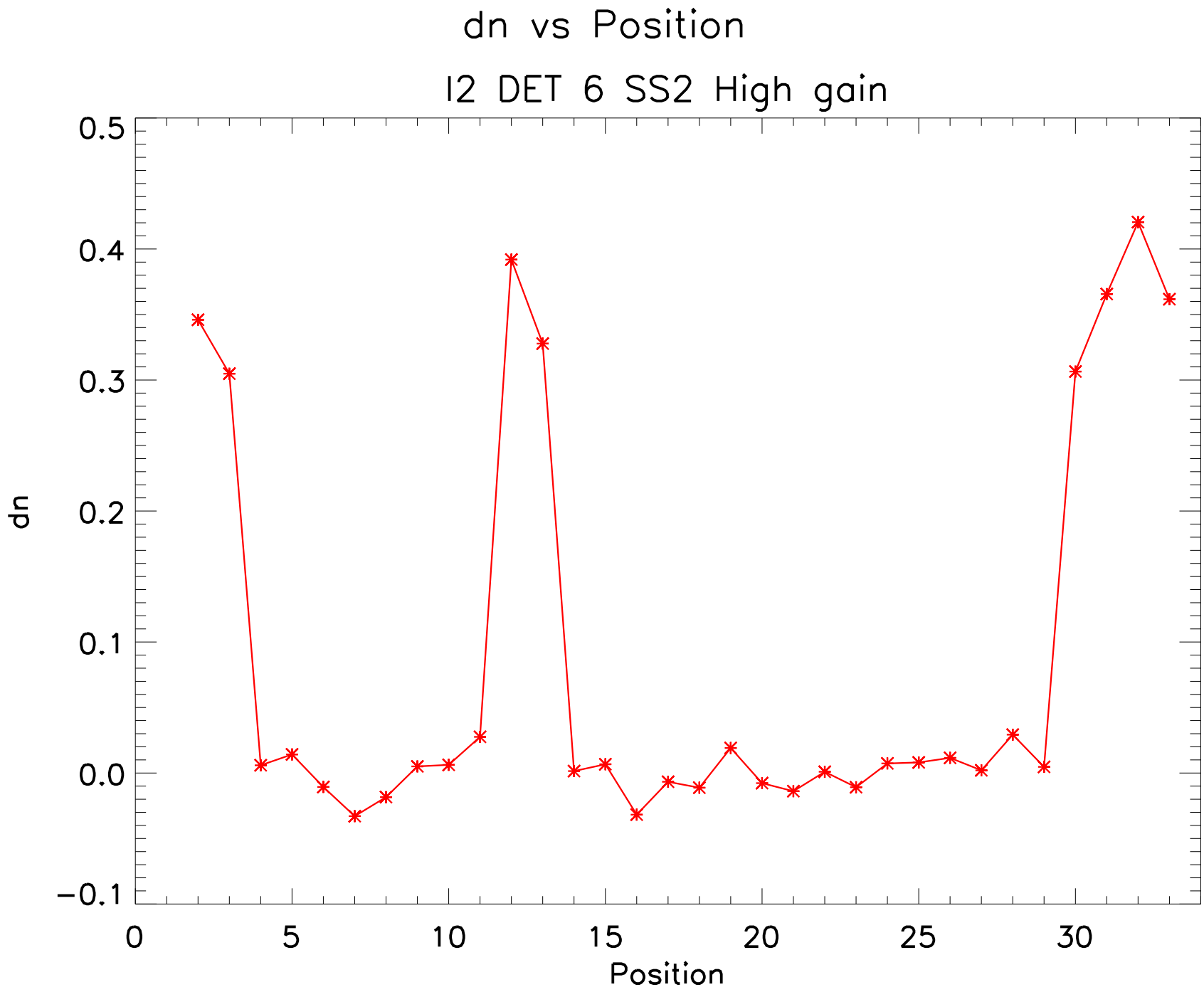

dn vs Position
I2 DET 4 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

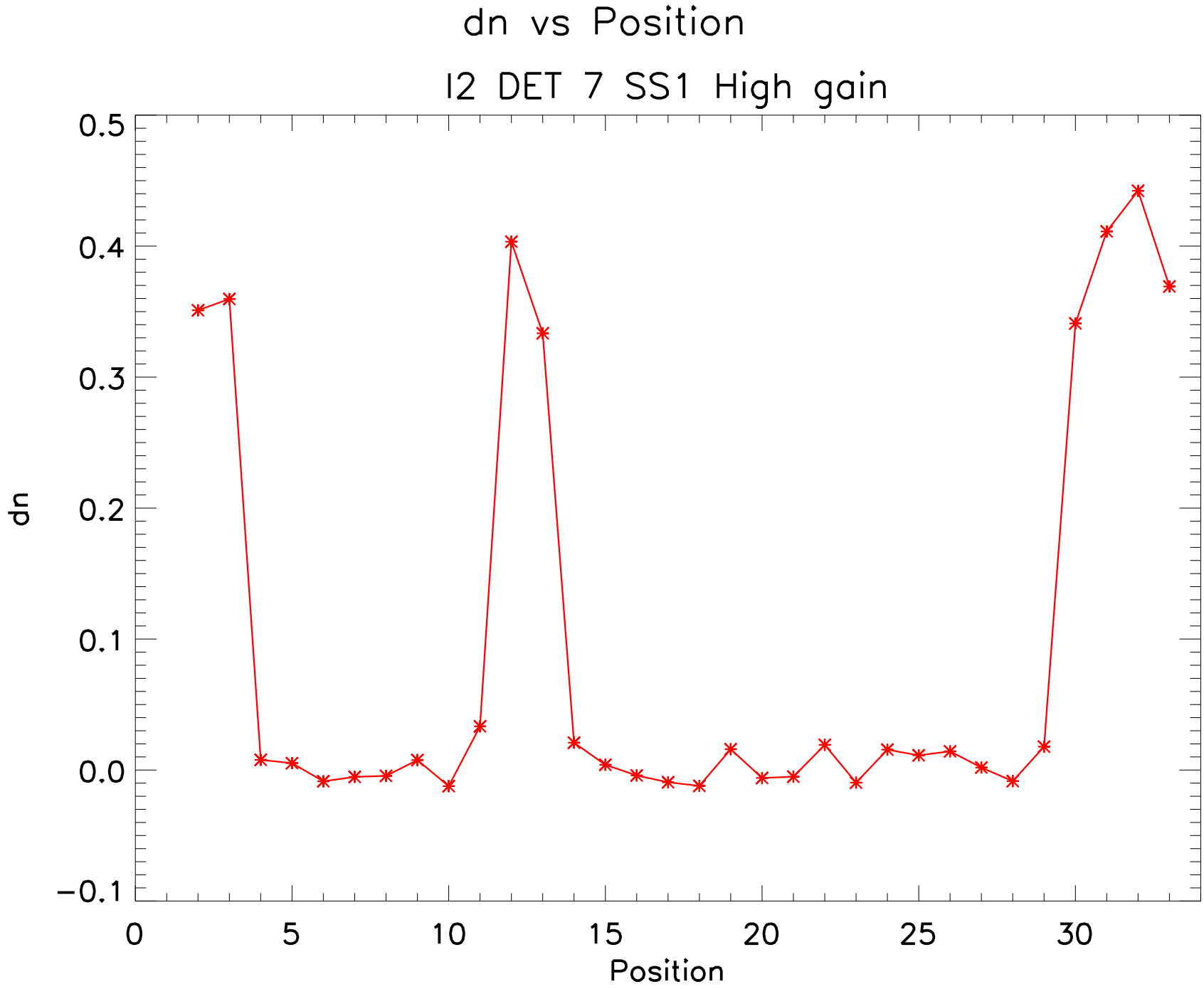

dn vs Position
I2 DET 4 SS2 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

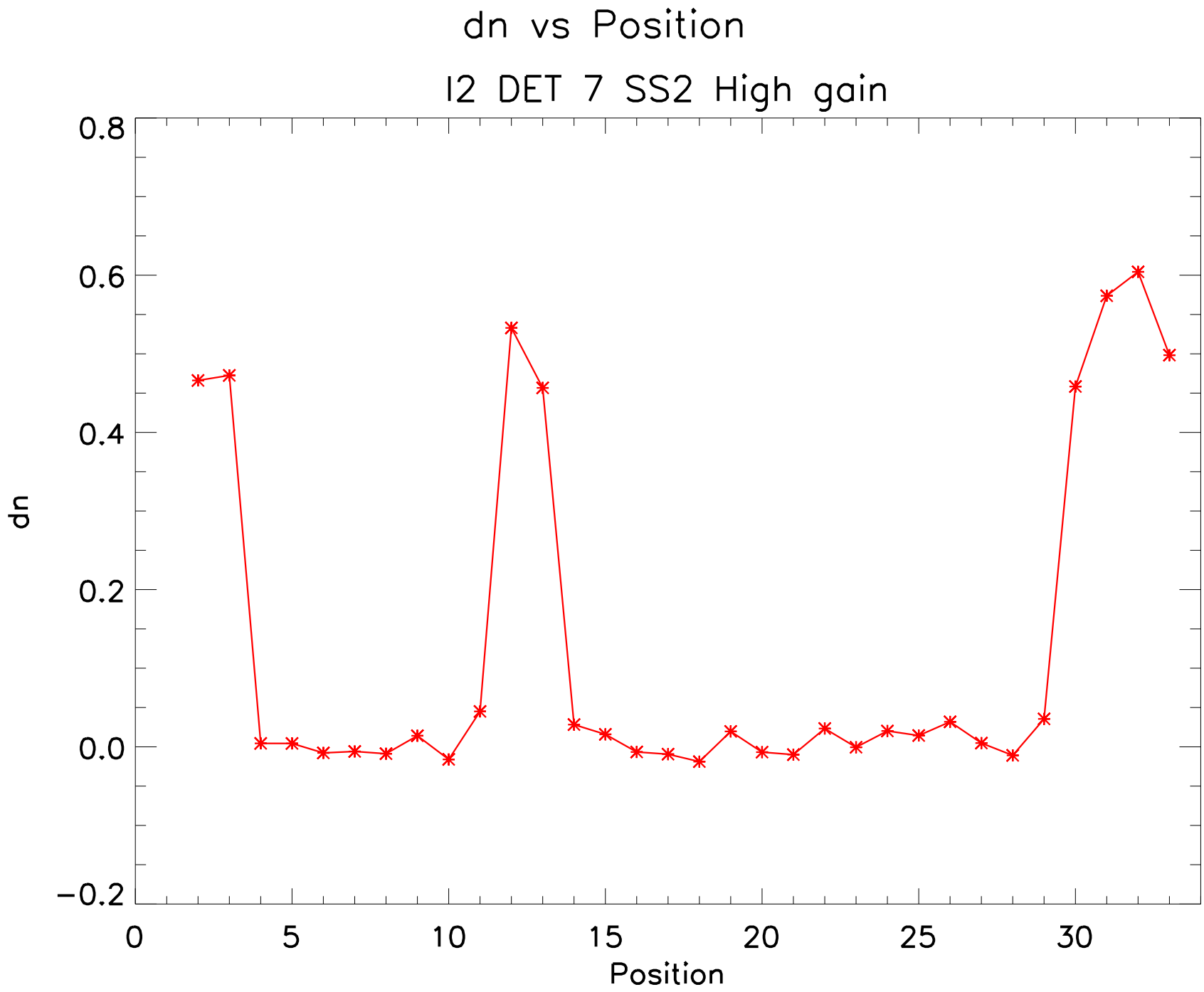

dn vs Position
I2 DET 5 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

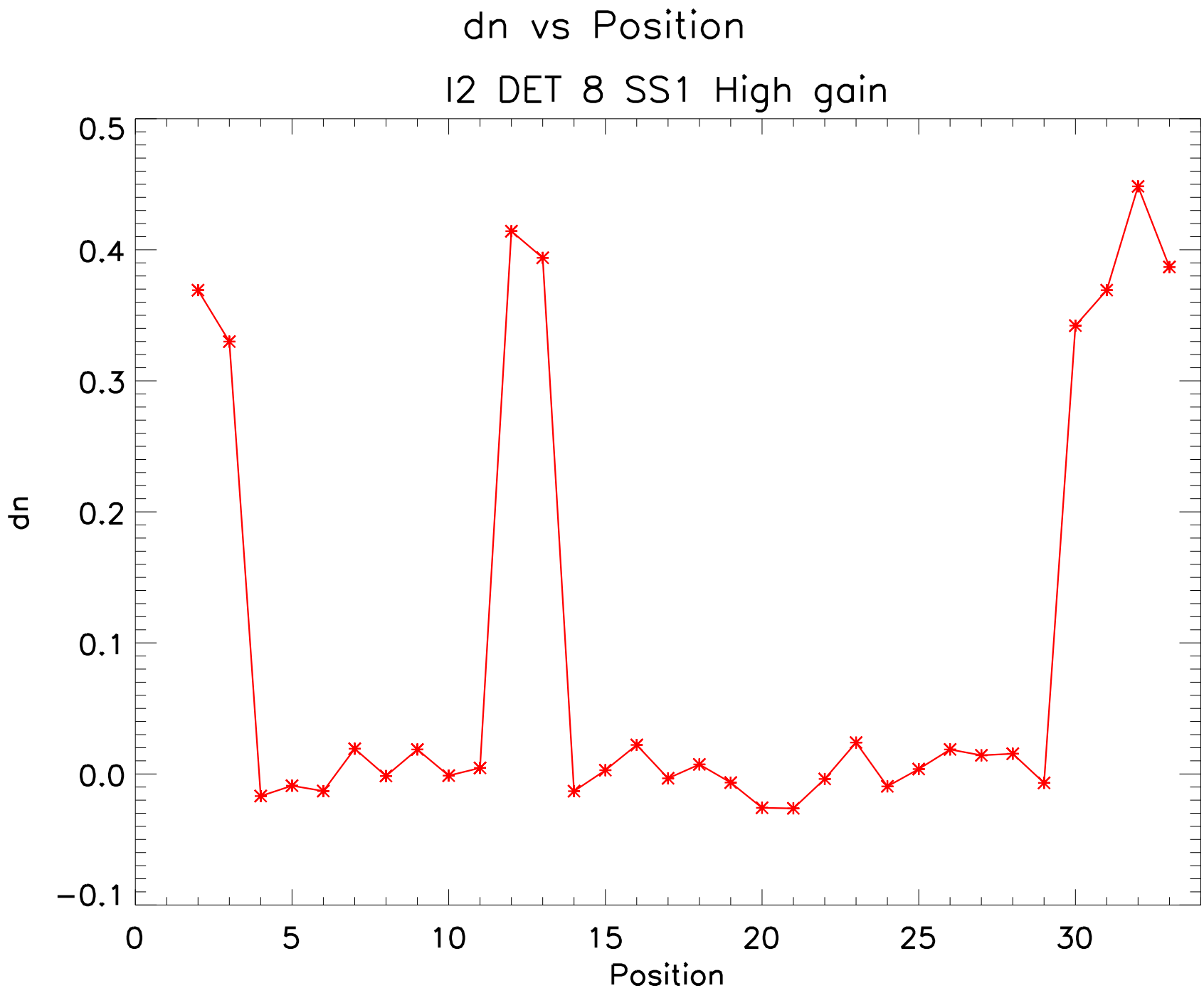

dn vs Position
I2 DET 5 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

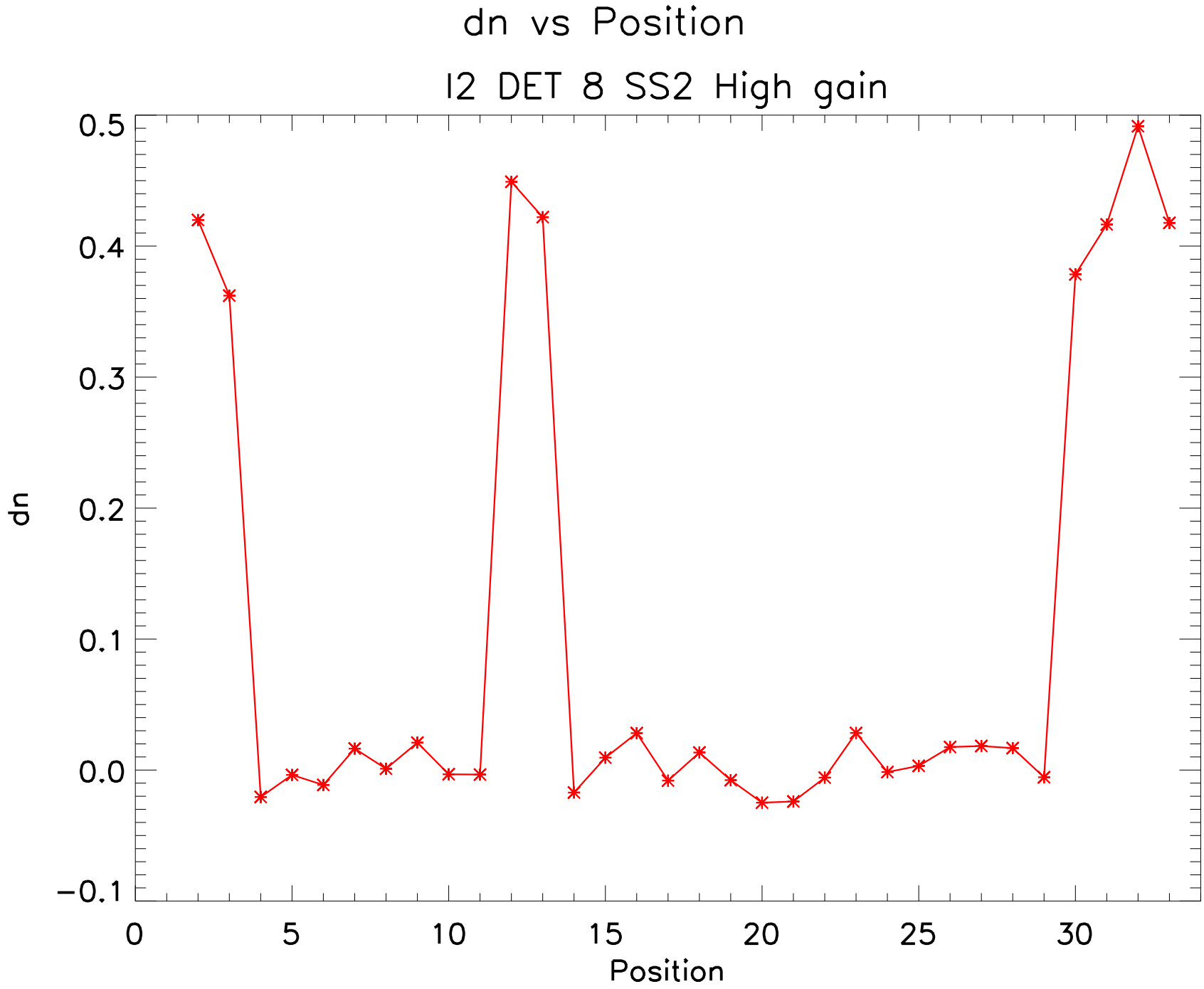

dn vs Position
I2 DET 6 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 6 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 7 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 7 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 8 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 8 SS2 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
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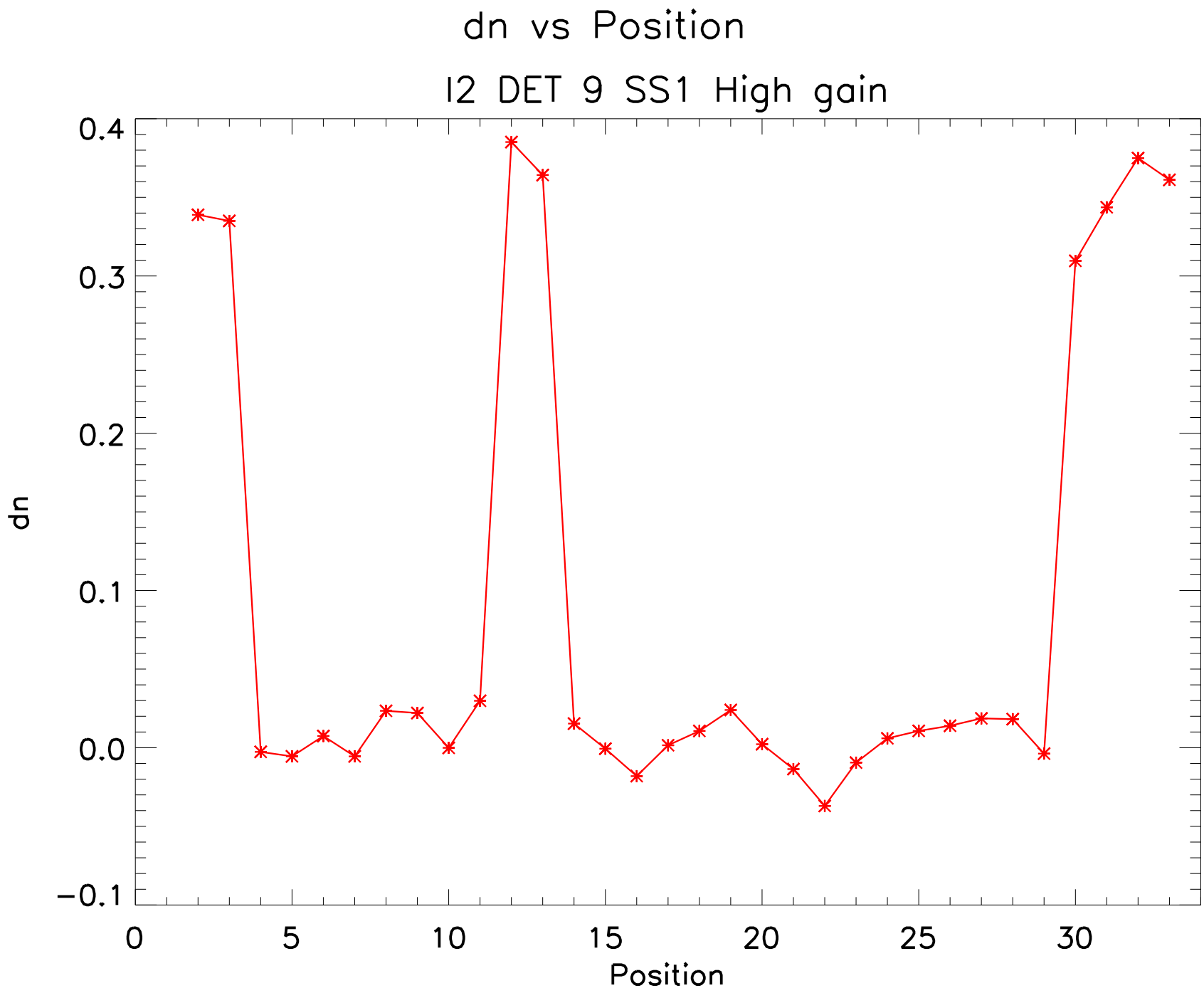
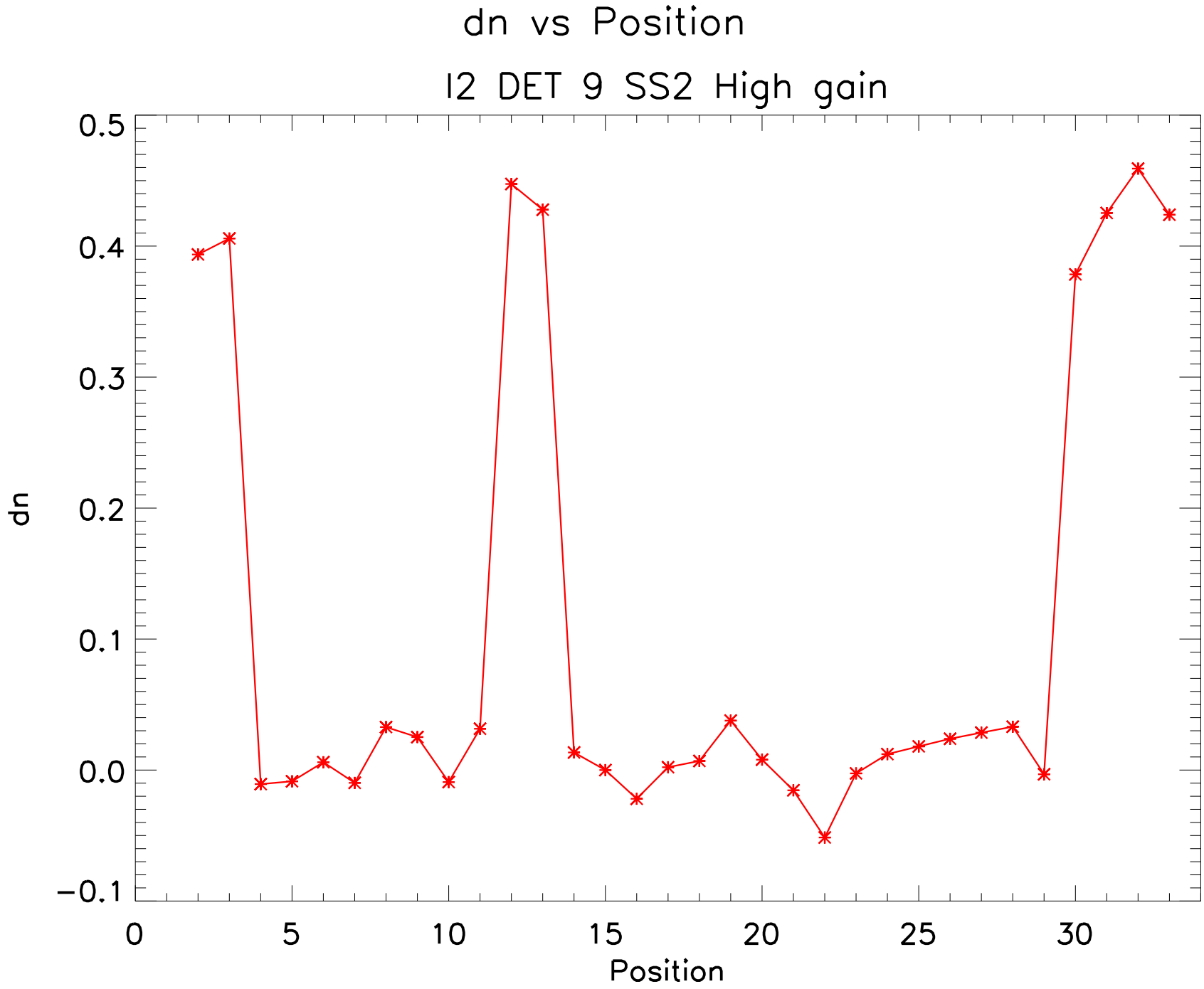
10
15
20
25
30
Position


dn vs Position
I2 DET 9 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 9 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
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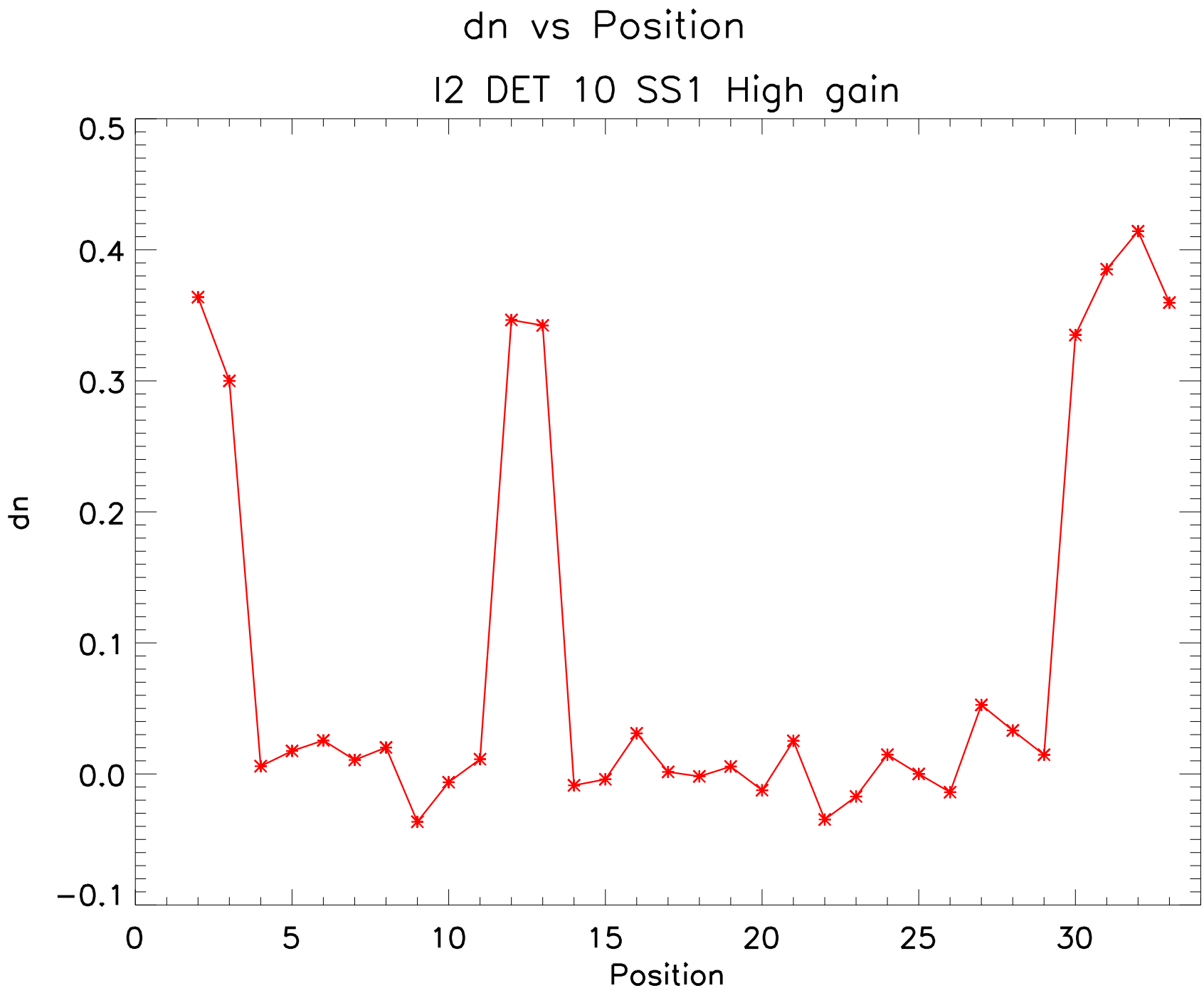
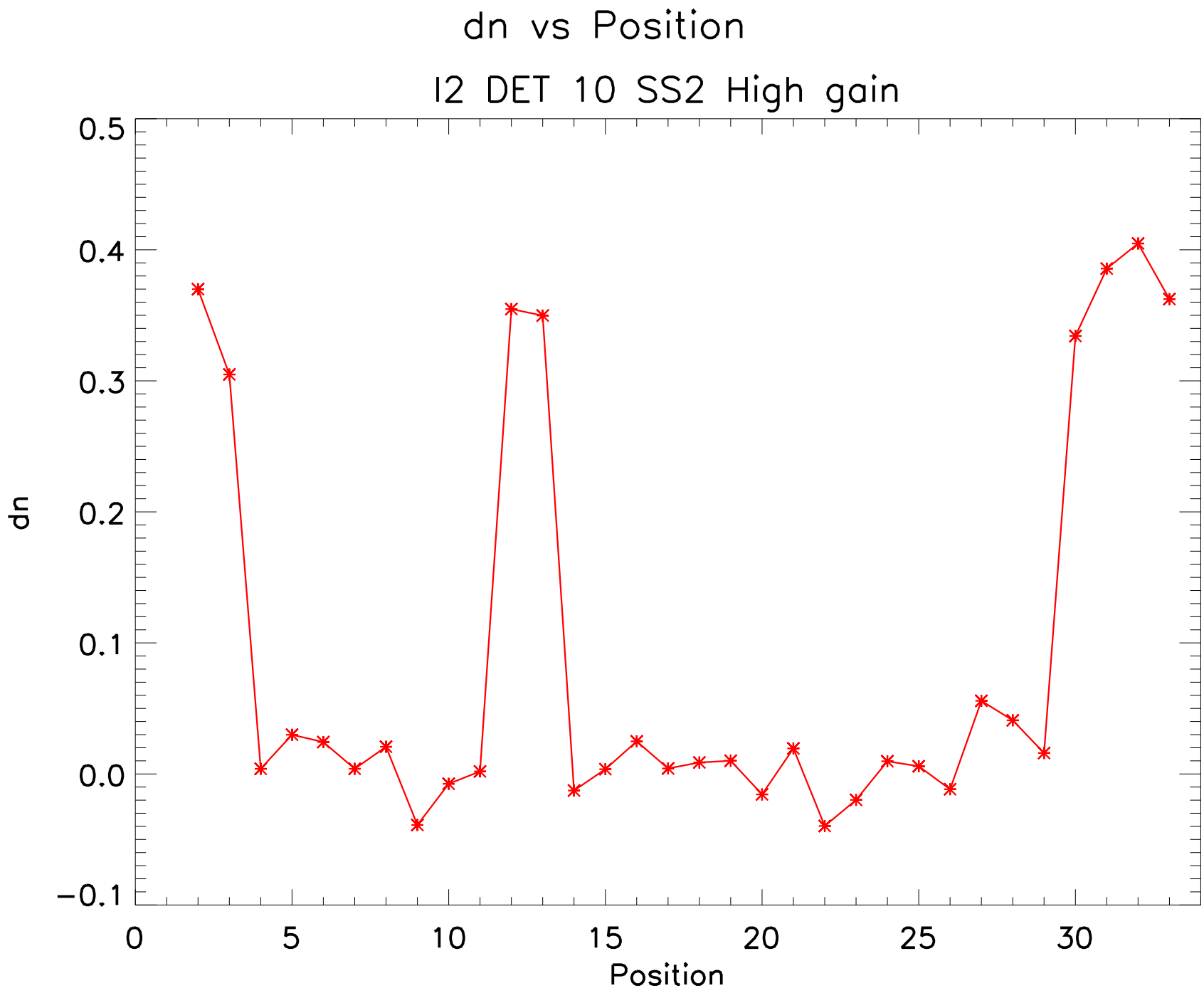
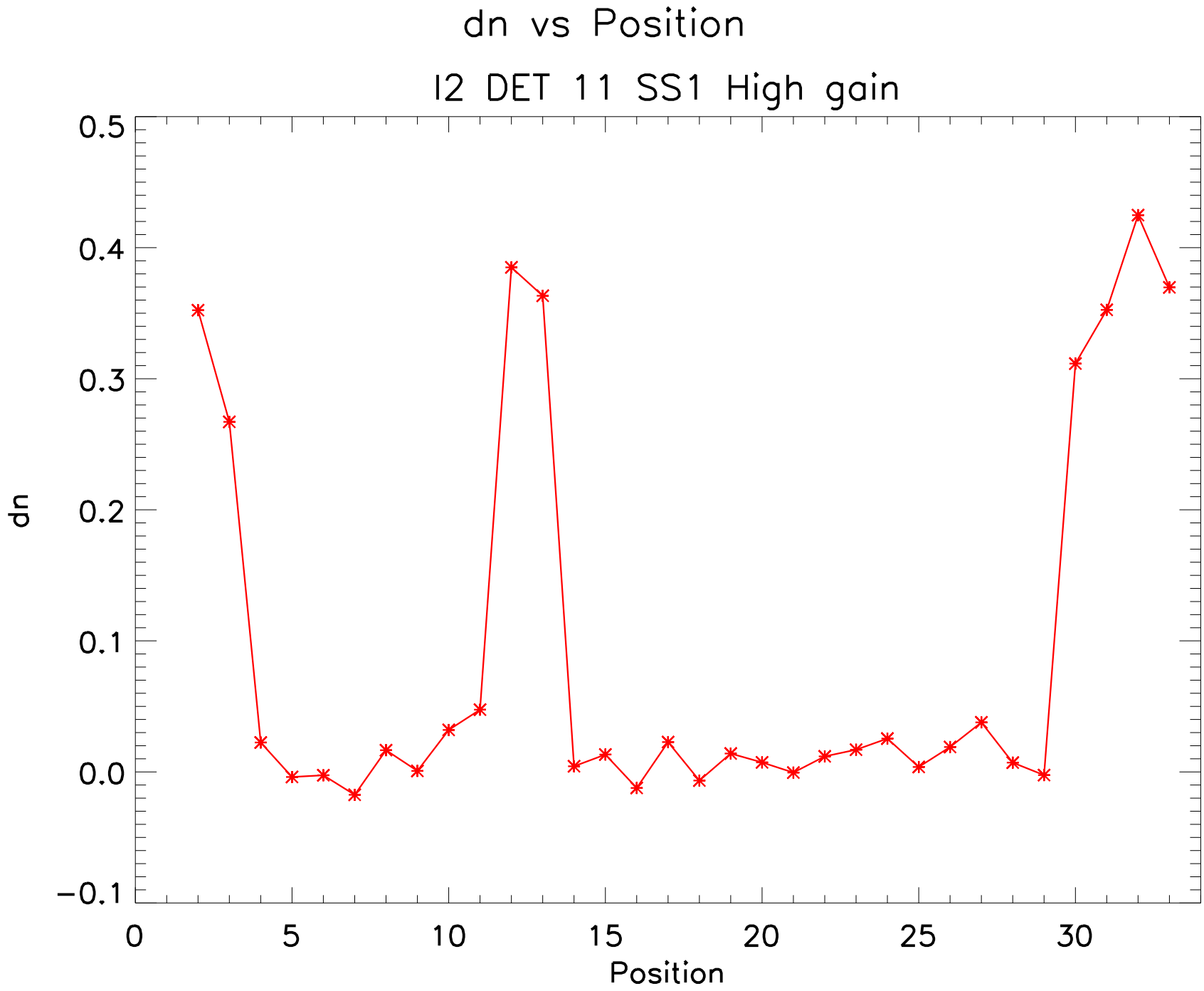
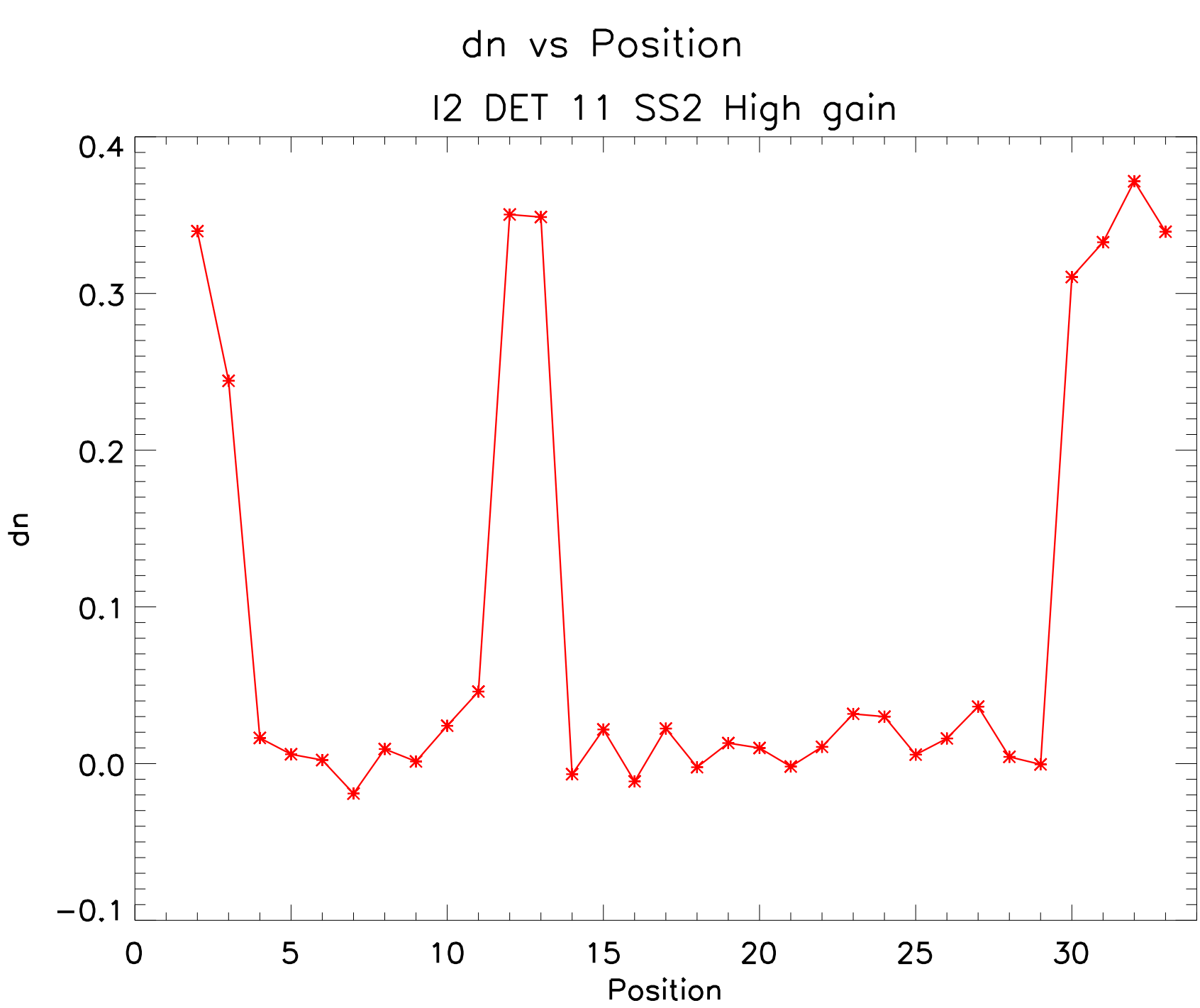
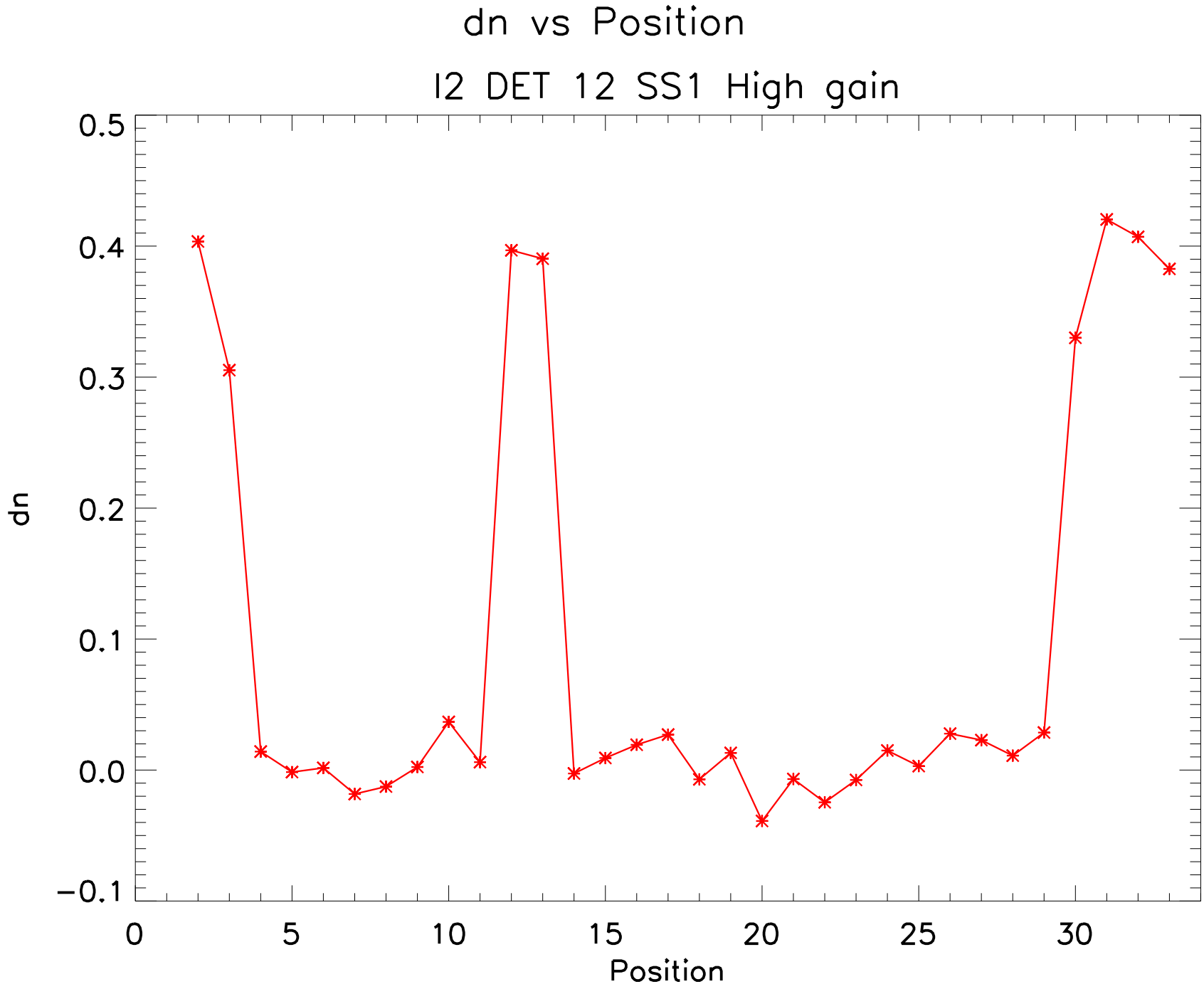
5
10
15
20
25
30

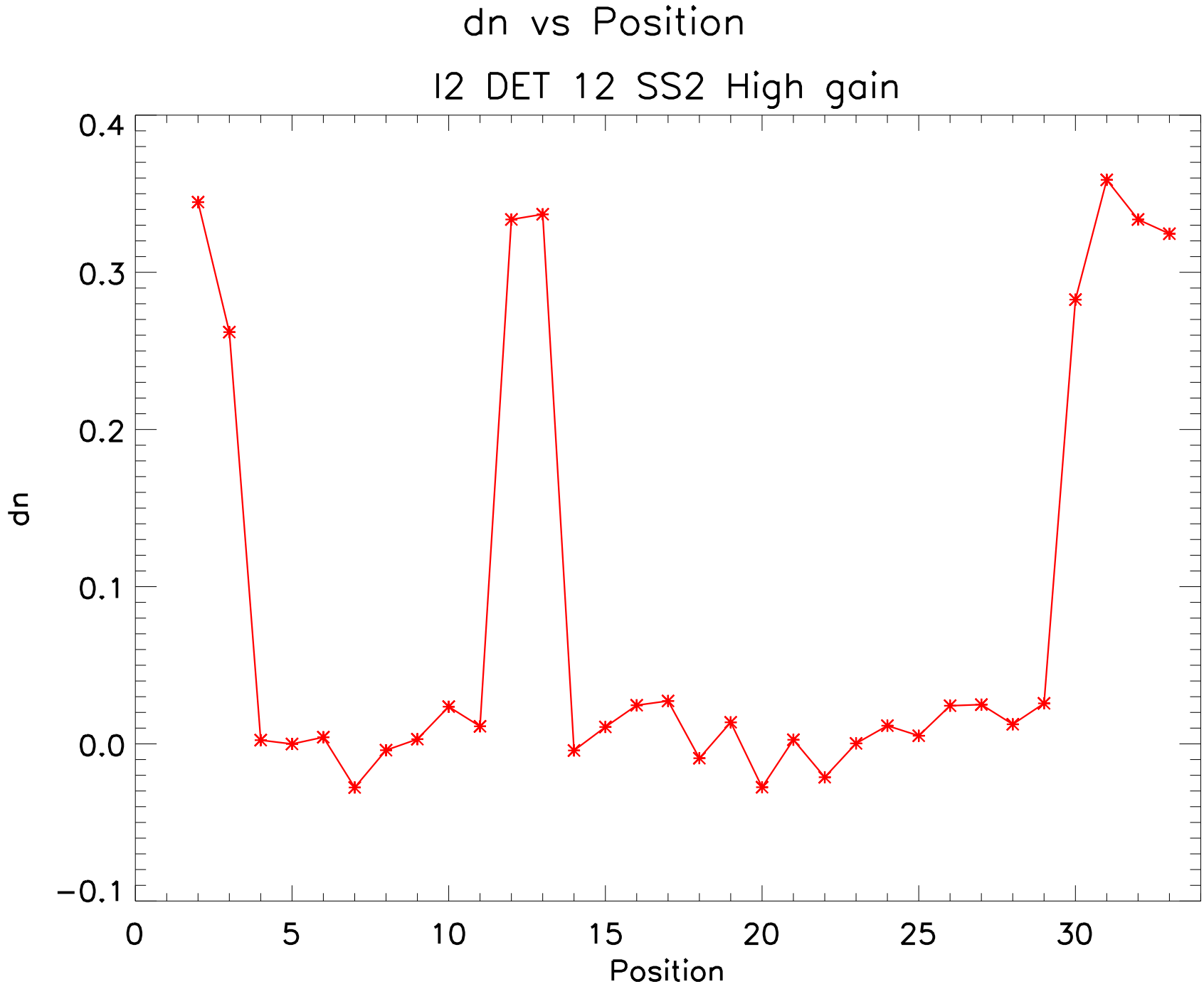

dn vs Position
I2 DET 10 SS1 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

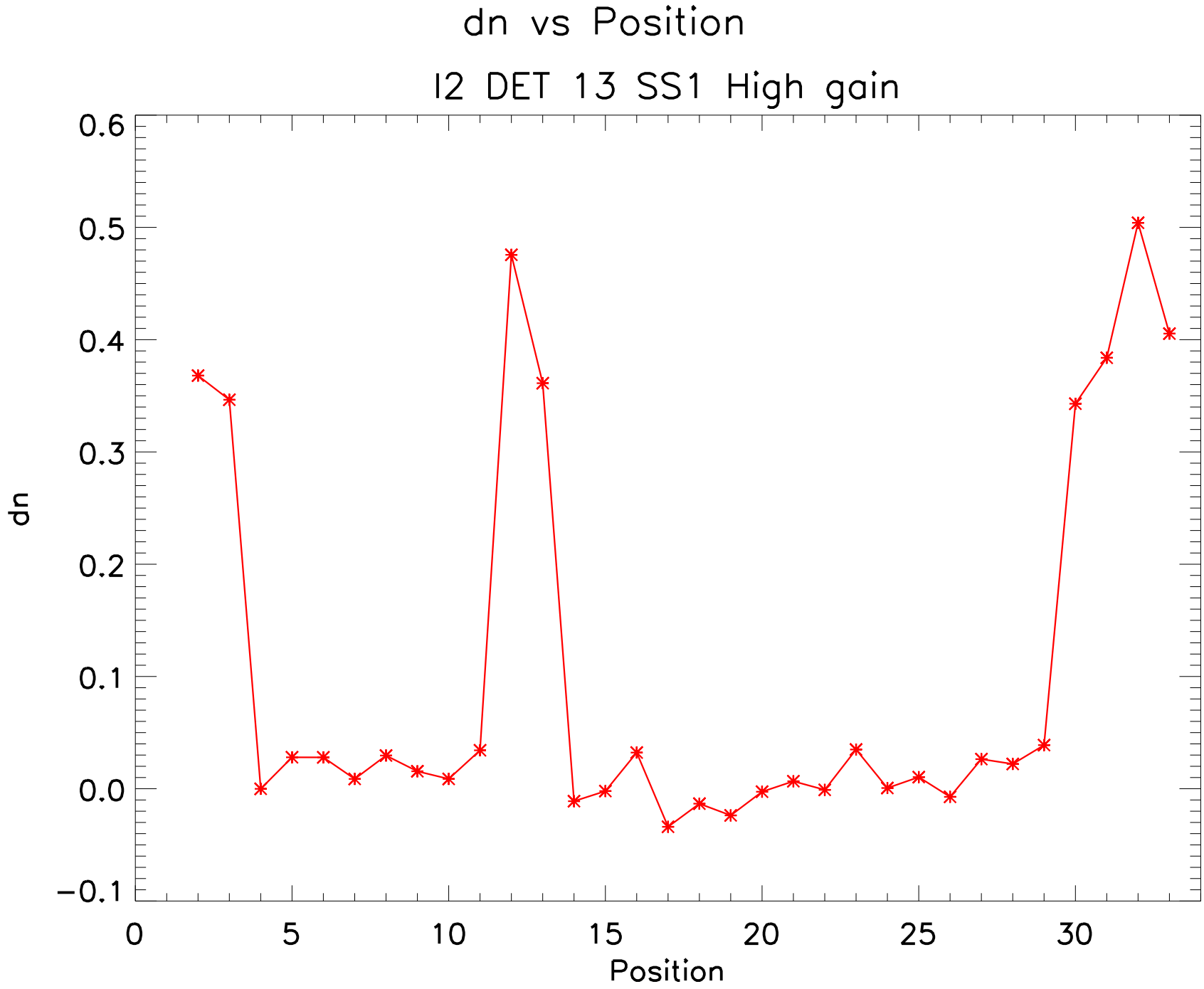

dn vs Position
I2 DET 10 SS2 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

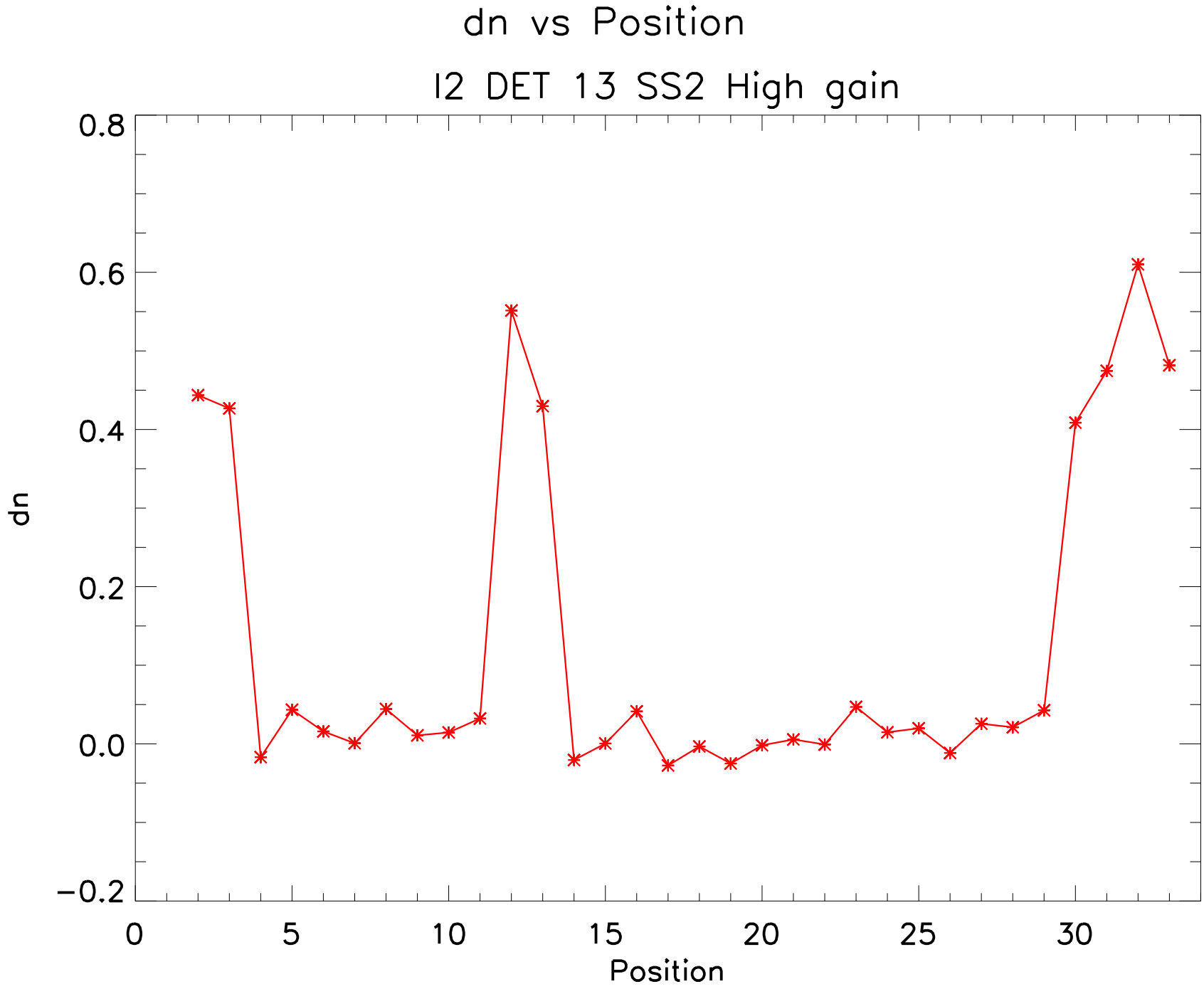

dn vs Position
I2 DET 11 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

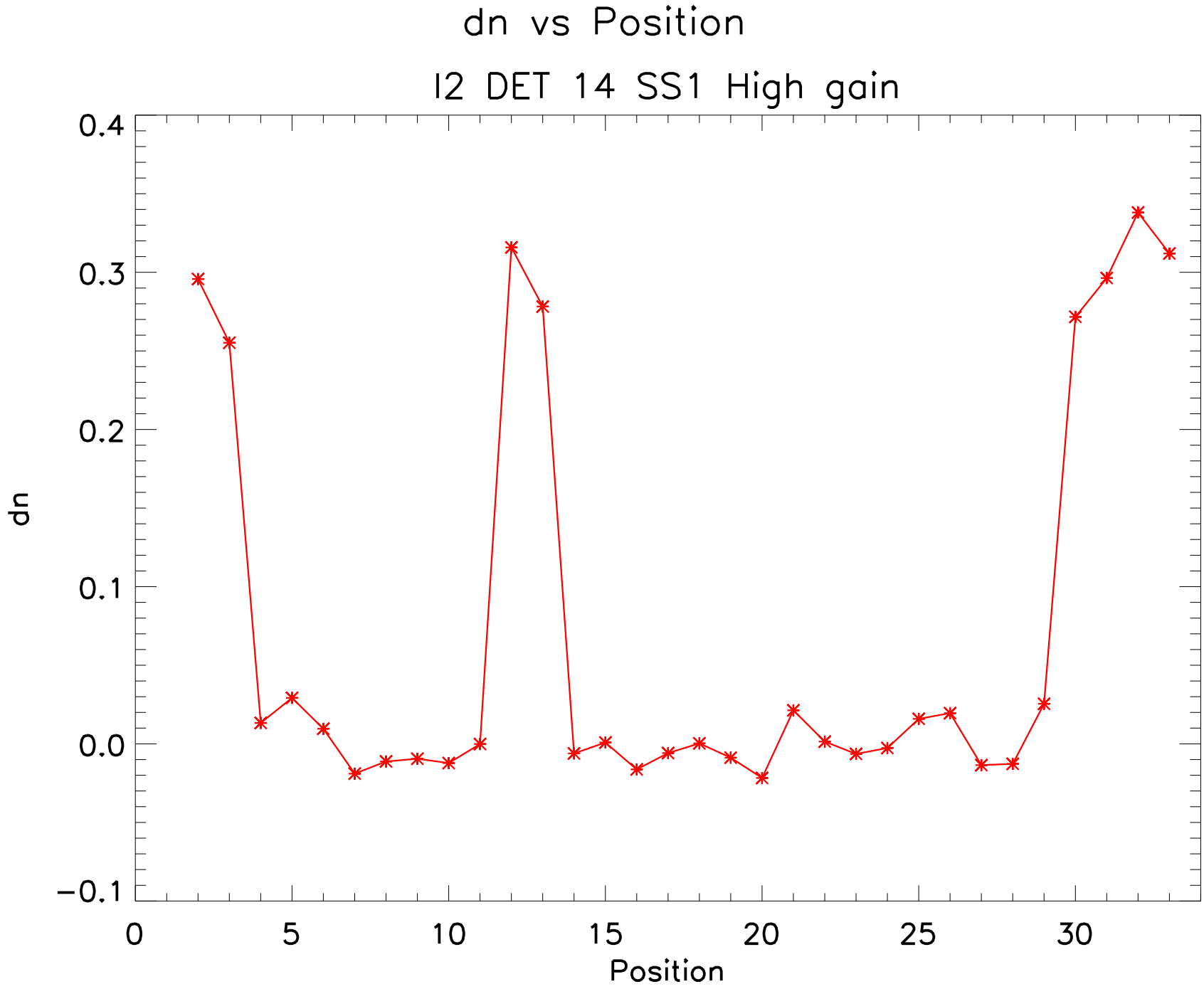

dn vs Position
I2 DET 11 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

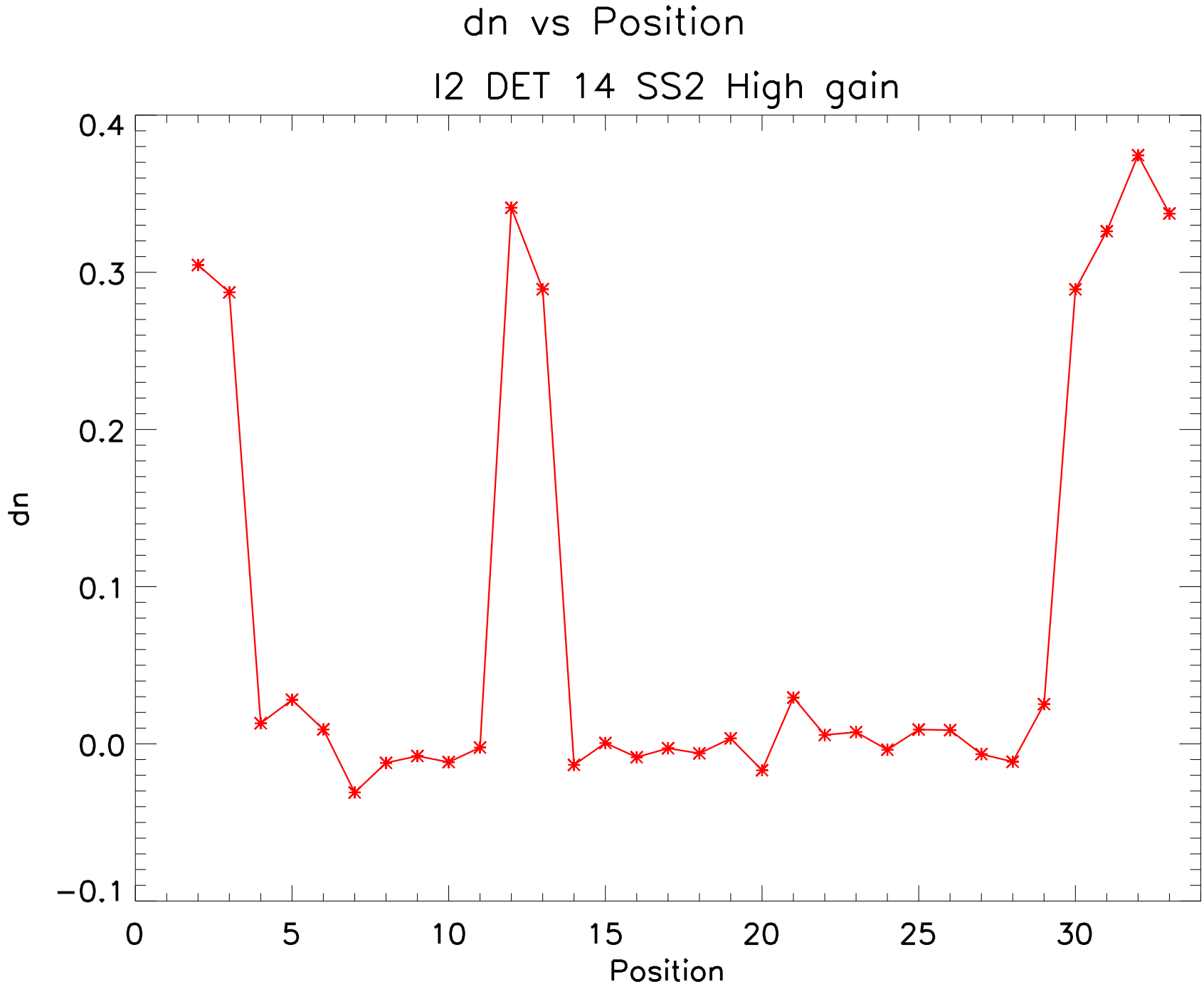

dn vs Position
I2 DET 12 SS1 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

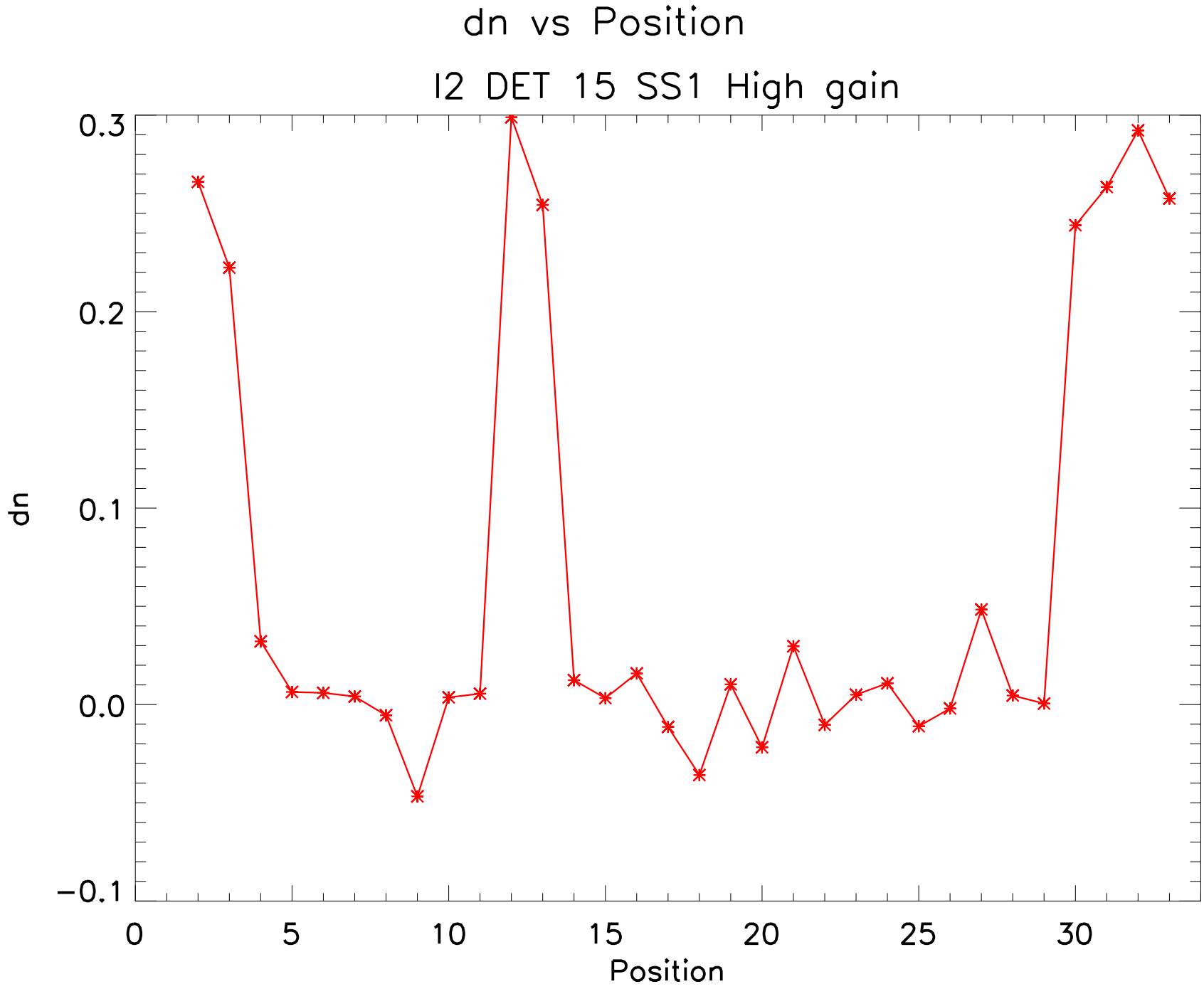

dn vs Position
I2 DET 12 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

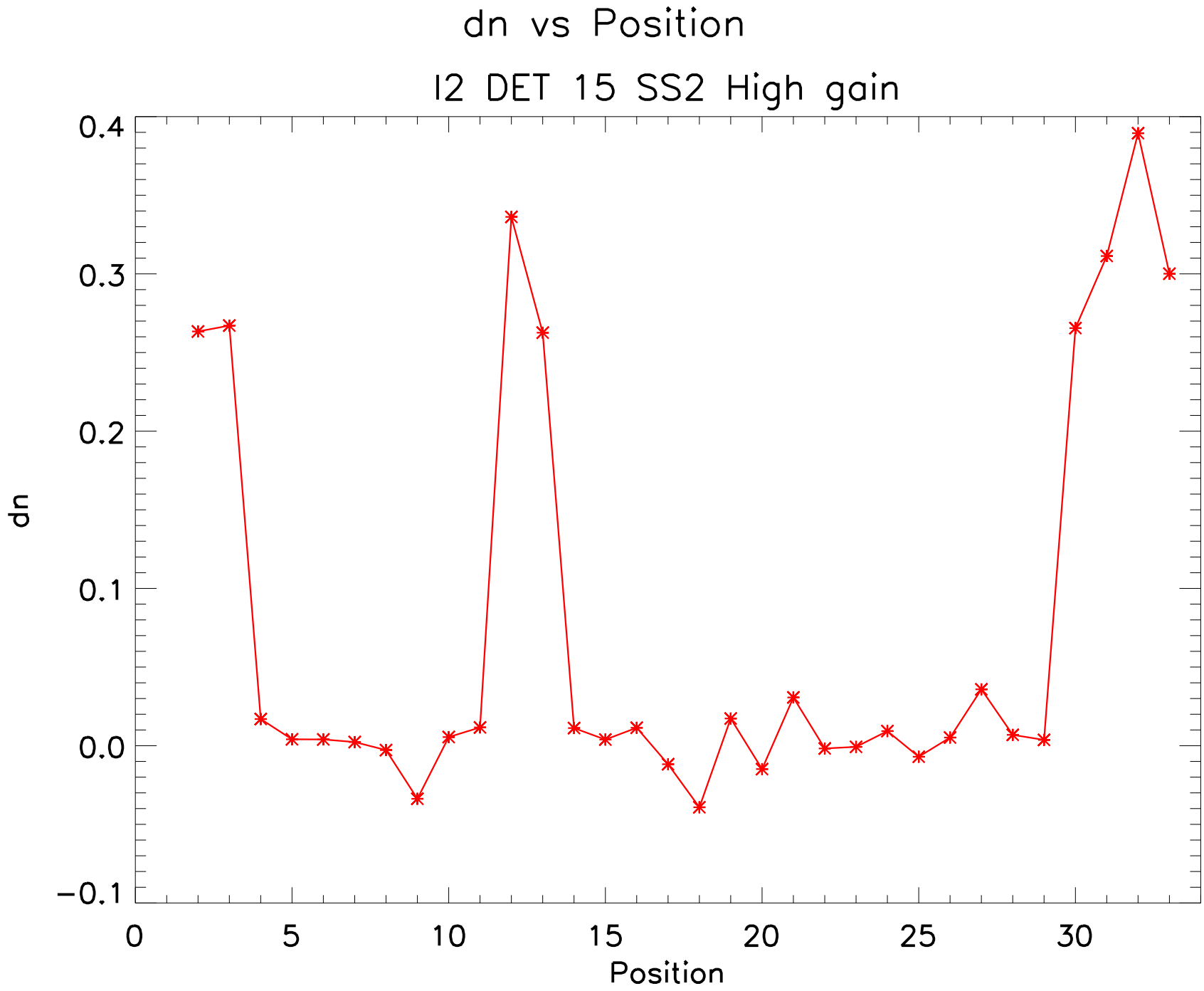

dn vs Position
I2 DET 13 SS1 High gain
dn
Position
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

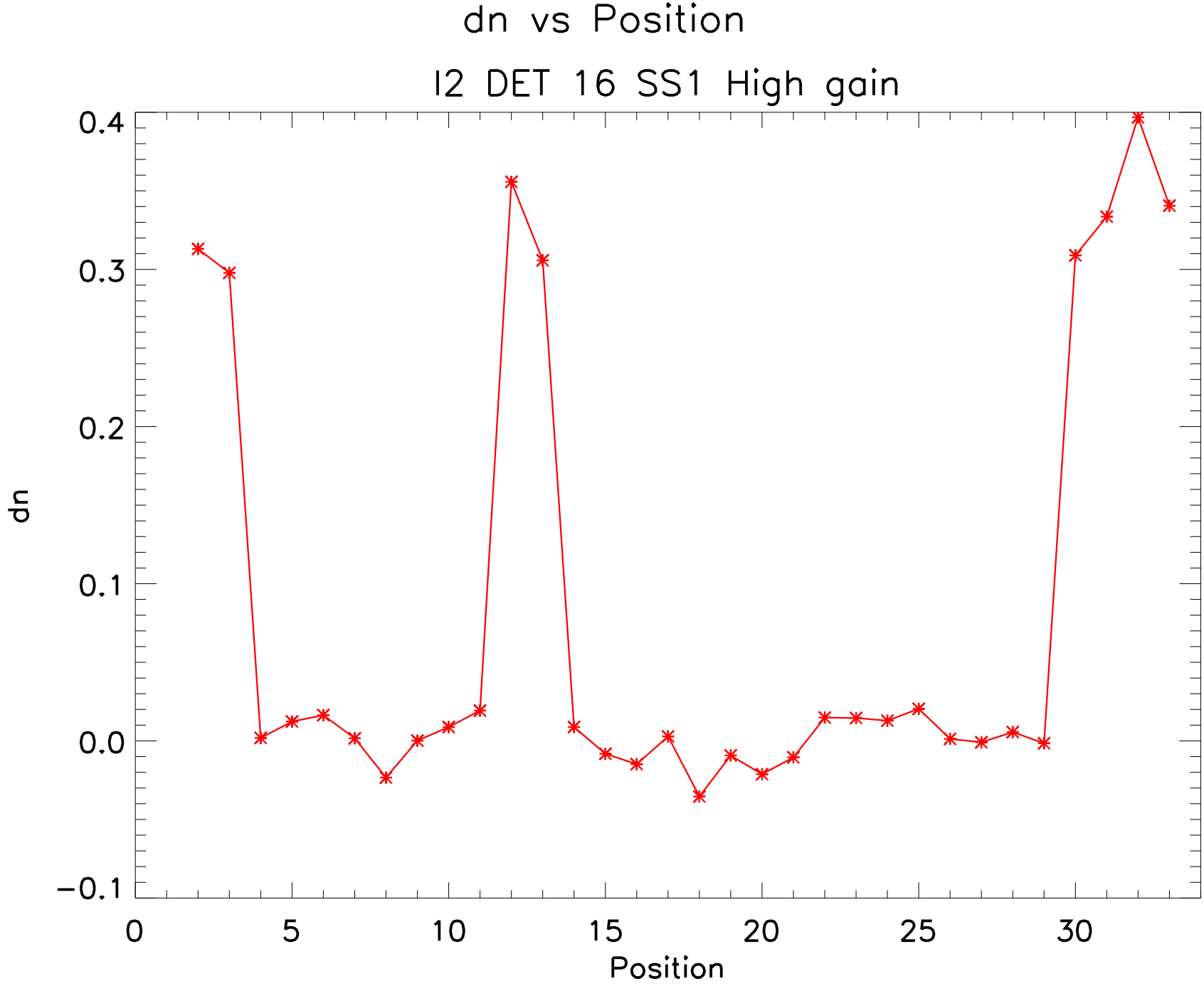

dn vs Position
I2 DET 13 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

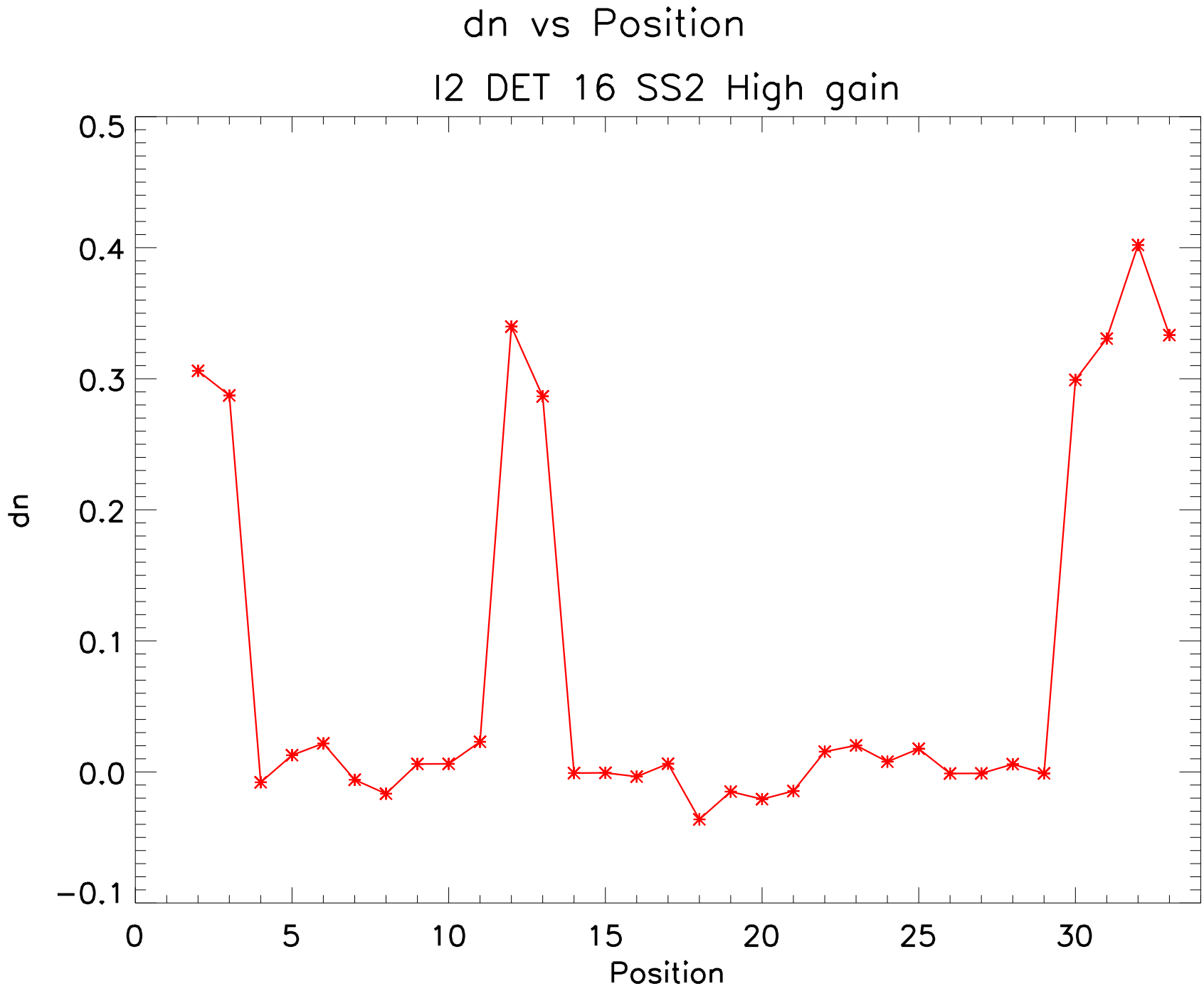

dn vs Position
I2 DET 14 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

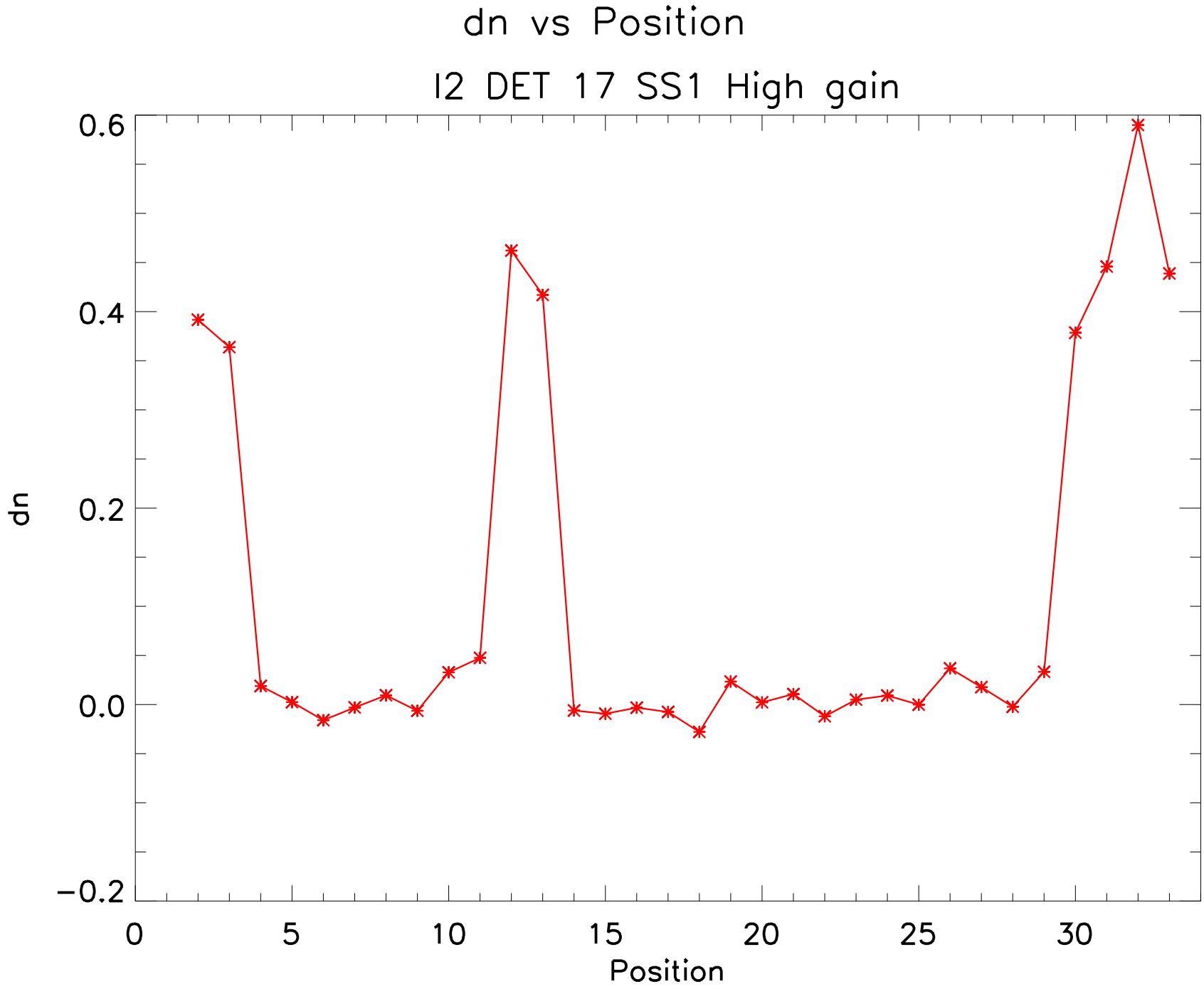

dn vs Position
I2 DET 14 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

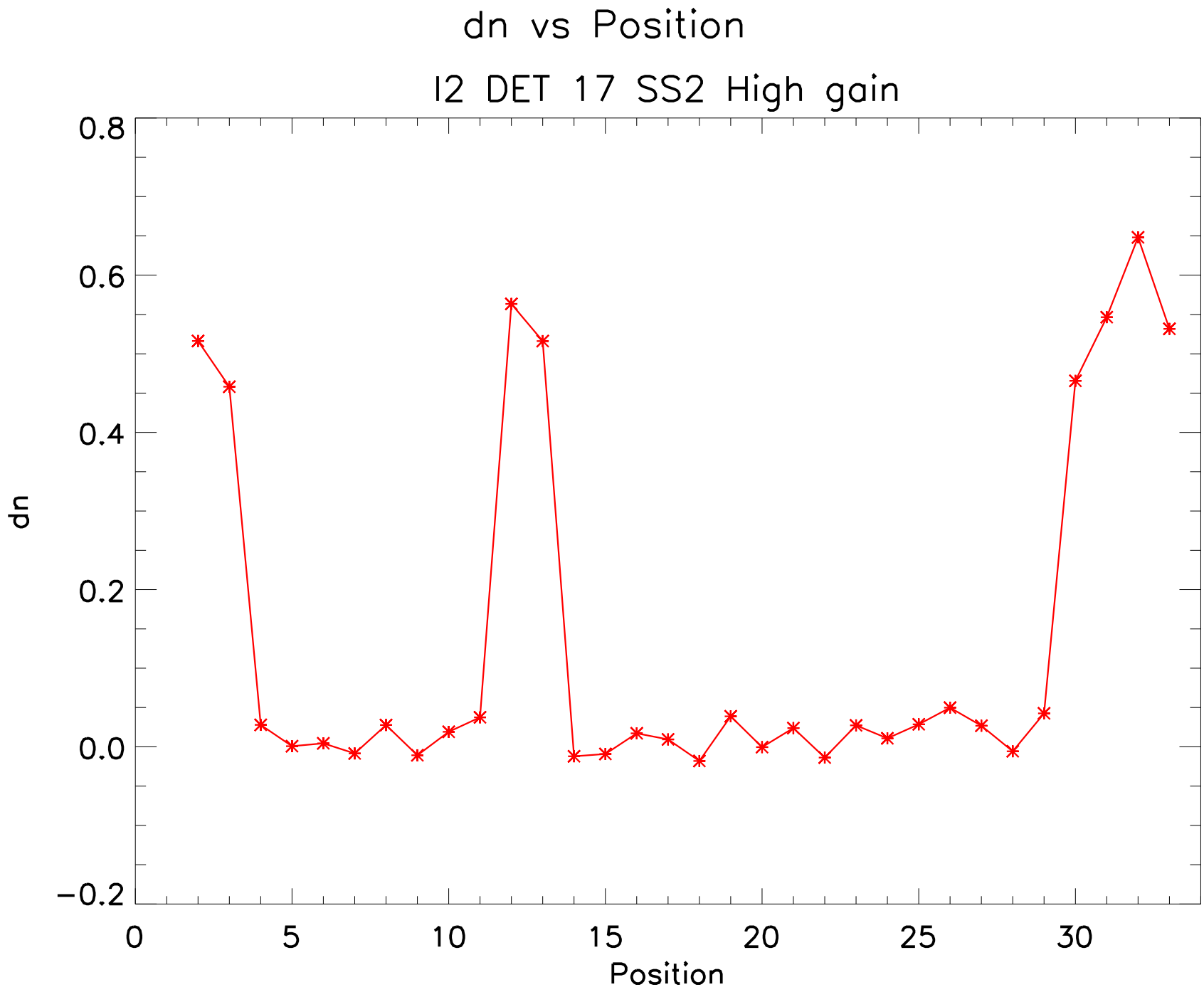

dn vs Position
I2 DET 15 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

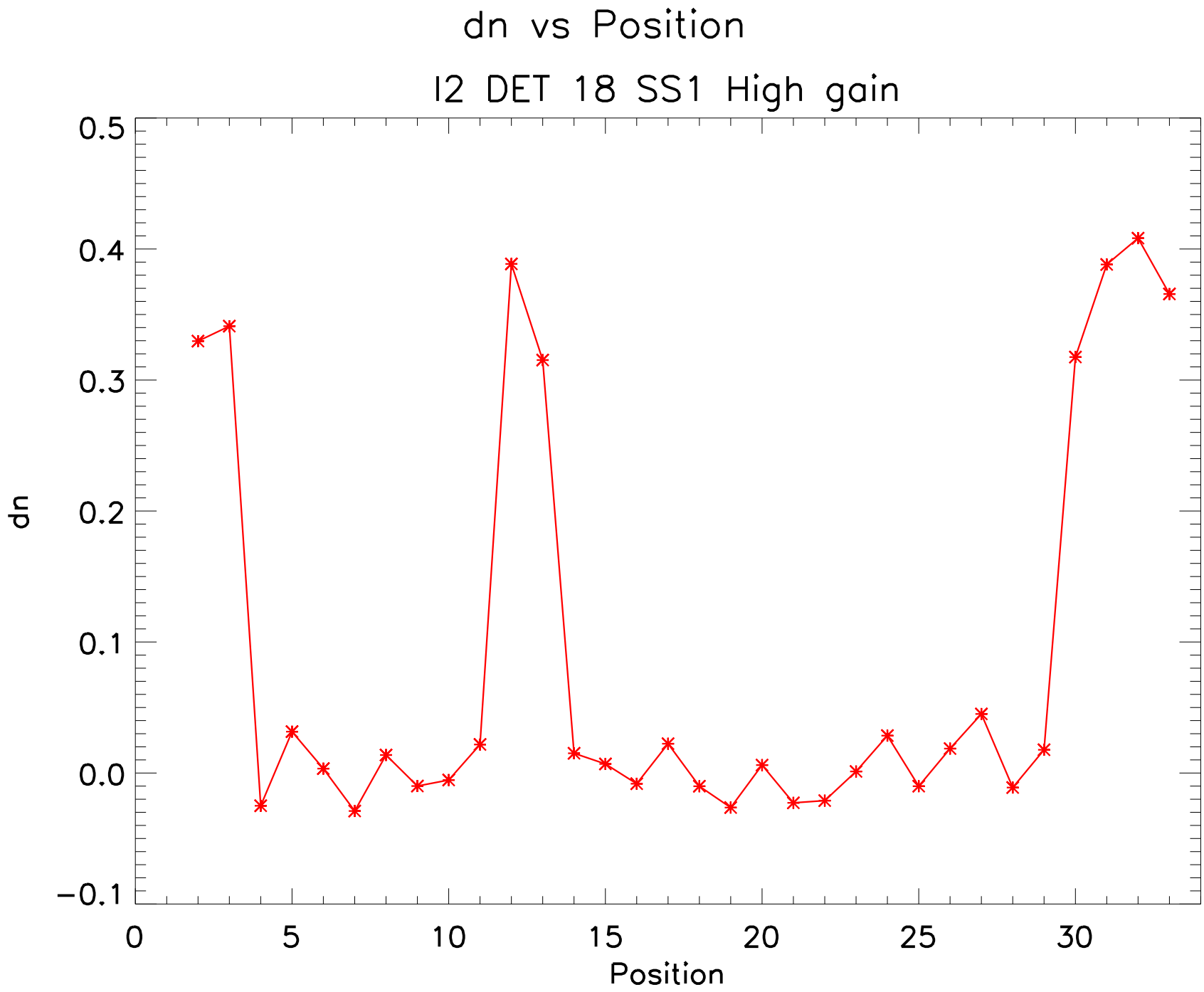

dn vs Position
I2 DET 15 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

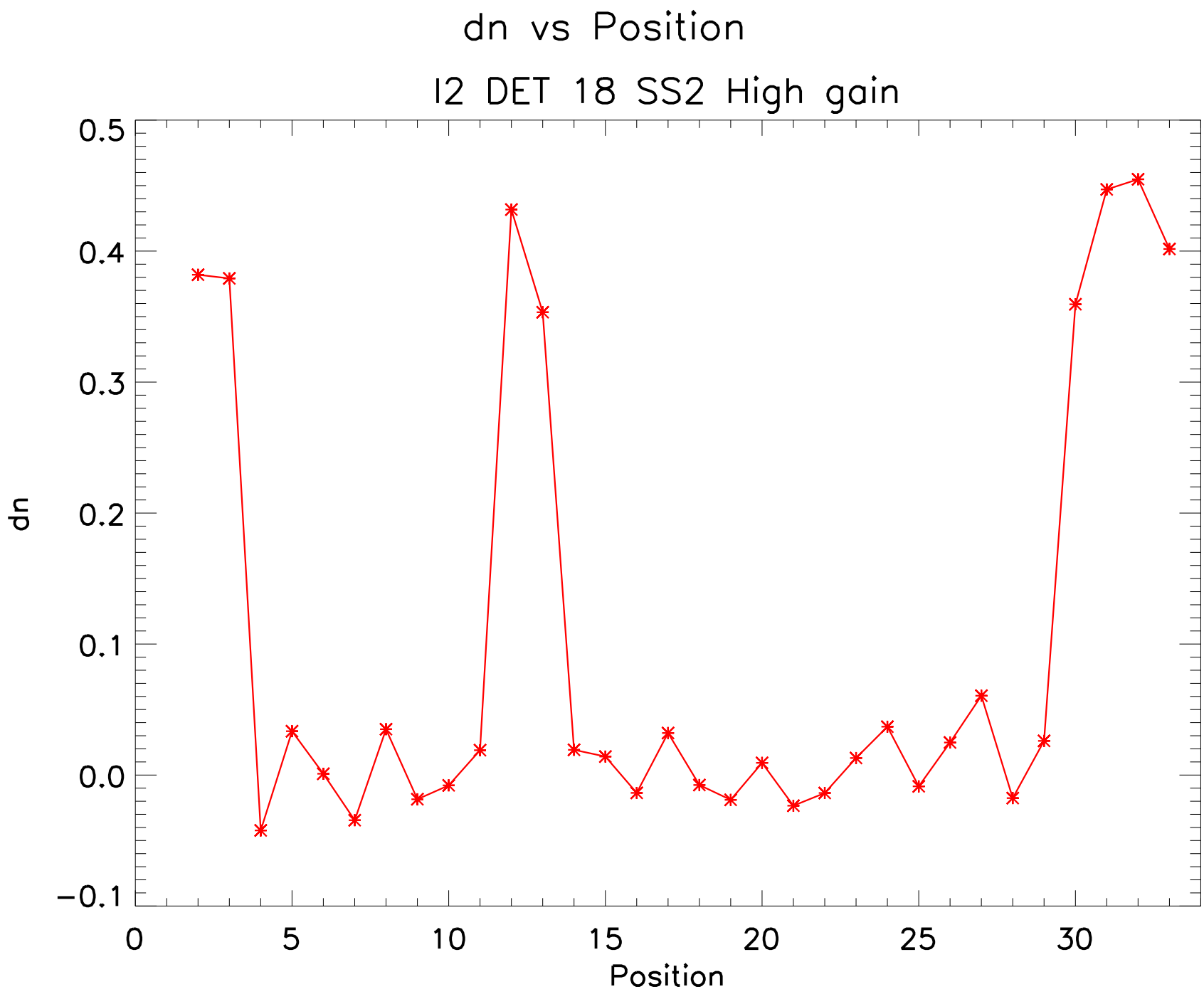

dn vs Position
I2 DET 16 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

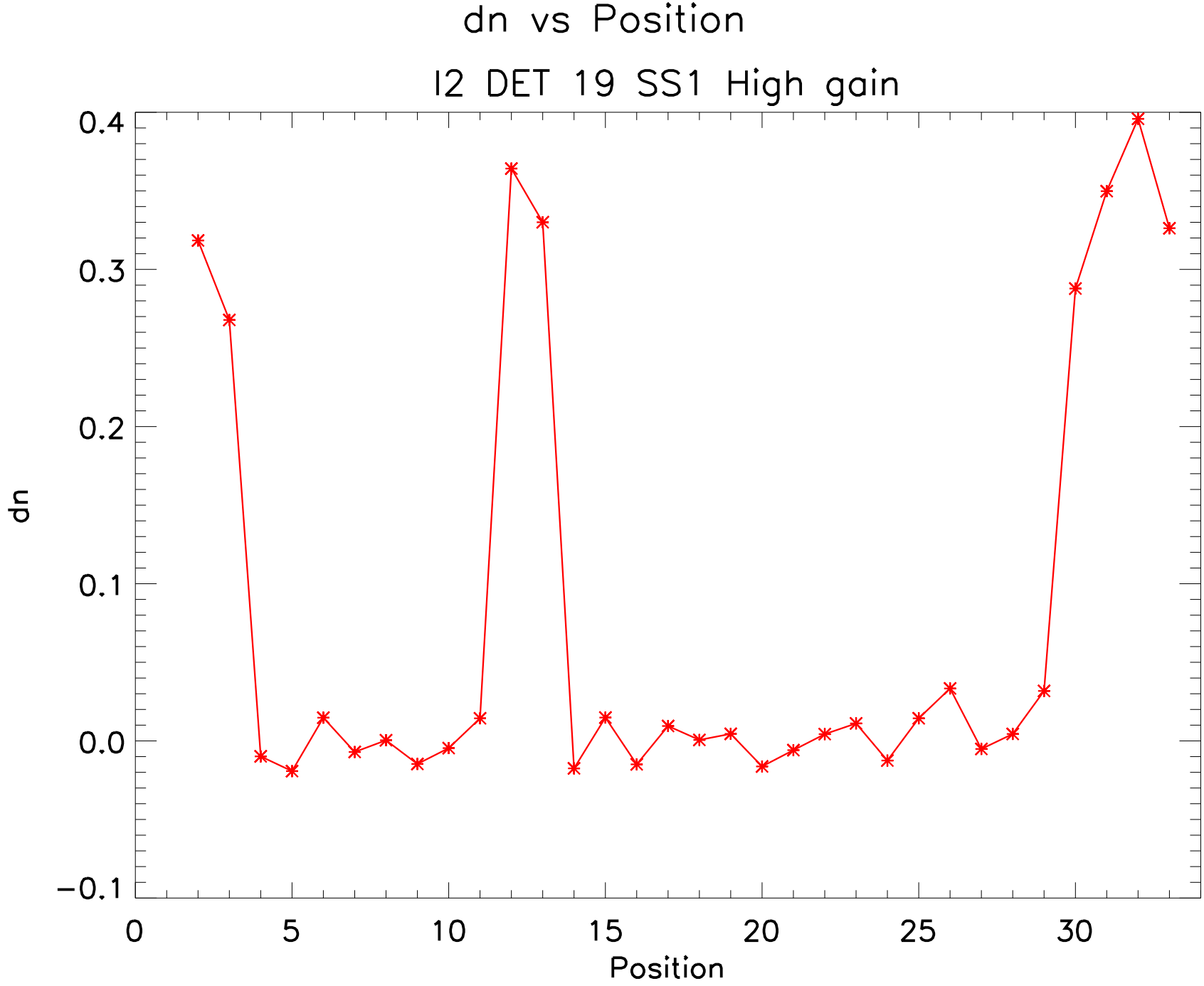

dn vs Position
I2 DET 16 SS2 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

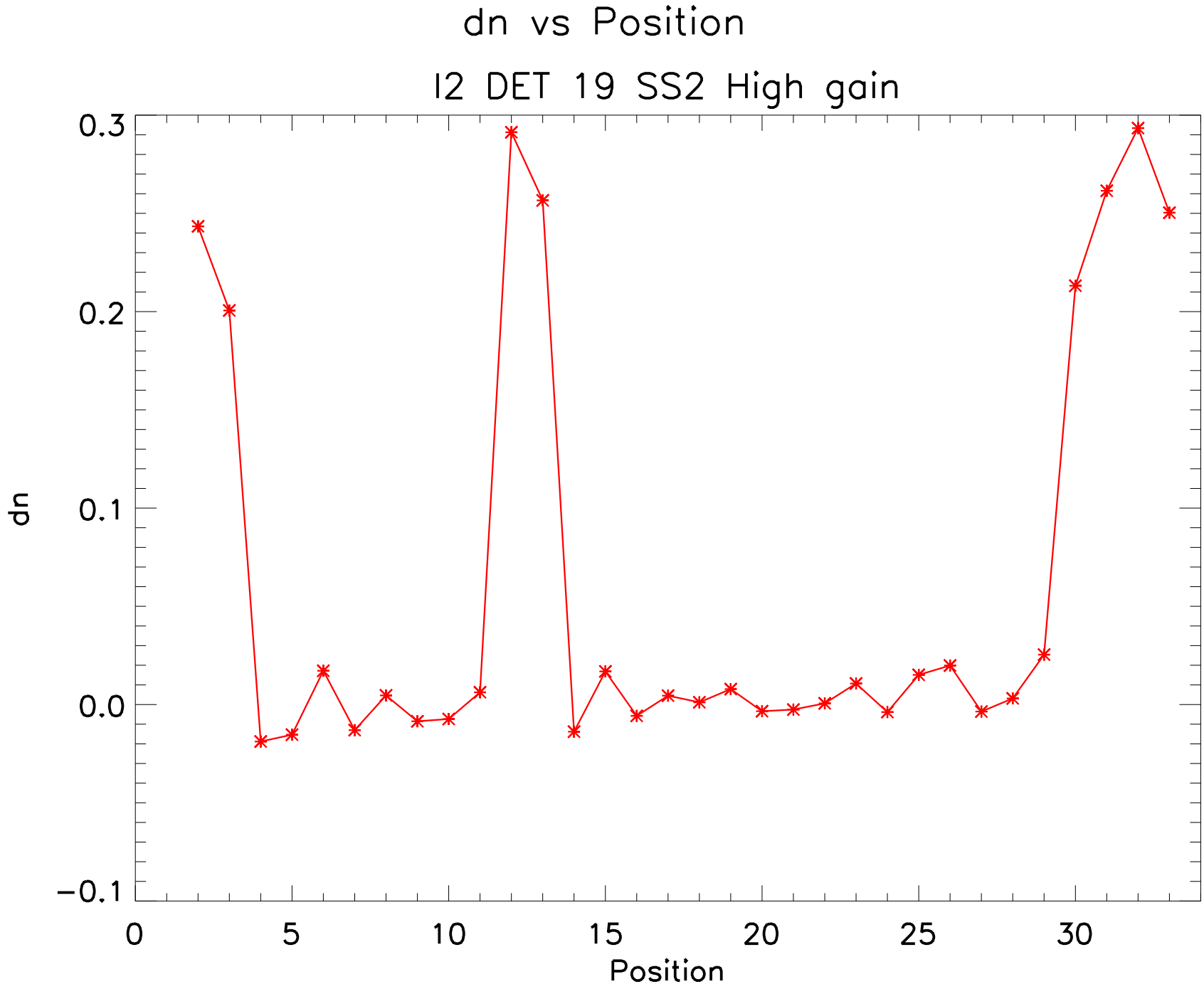

dn vs Position
I2 DET 17 SS1 High gain
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

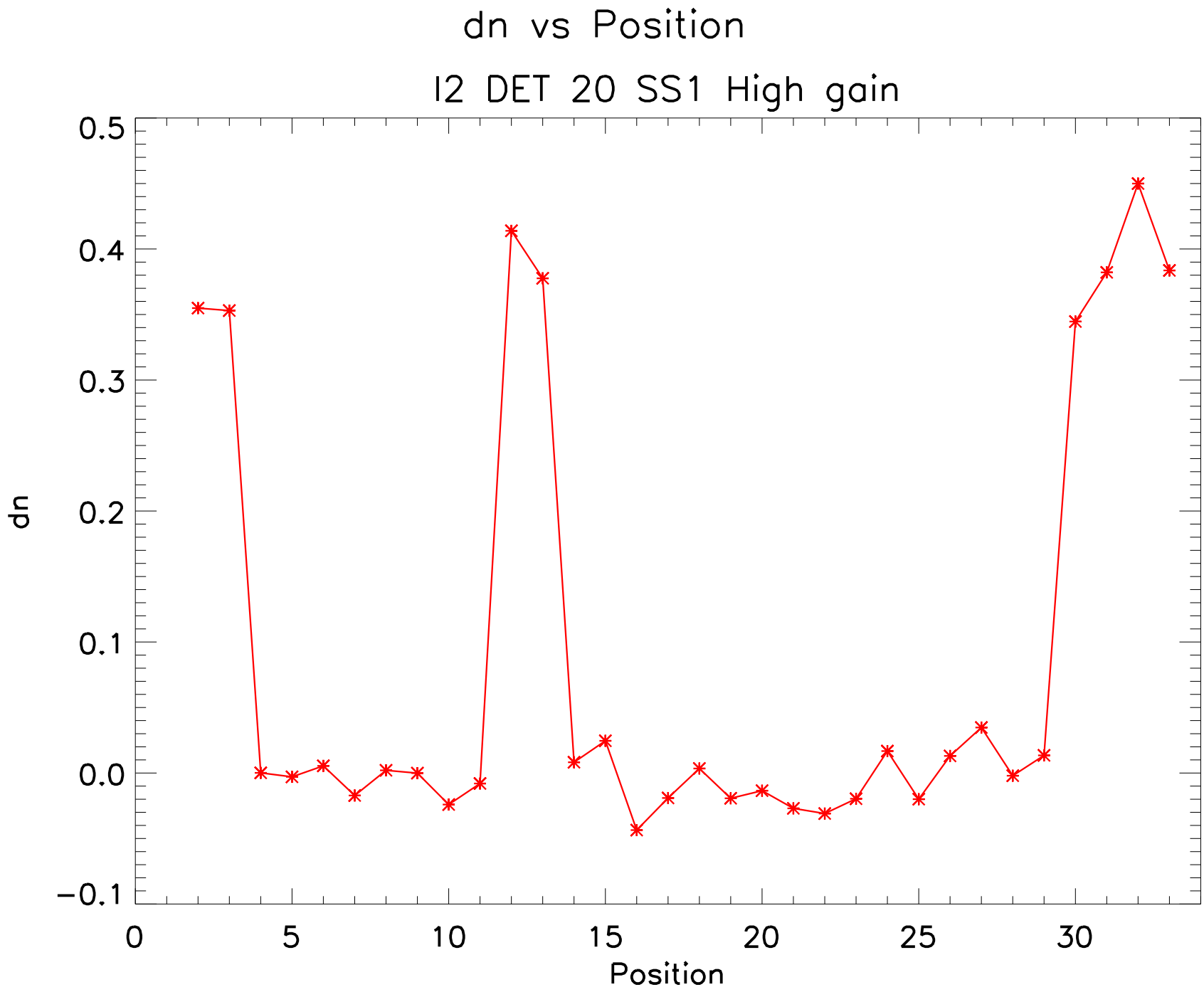

dn vs Position
I2 DET 17 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

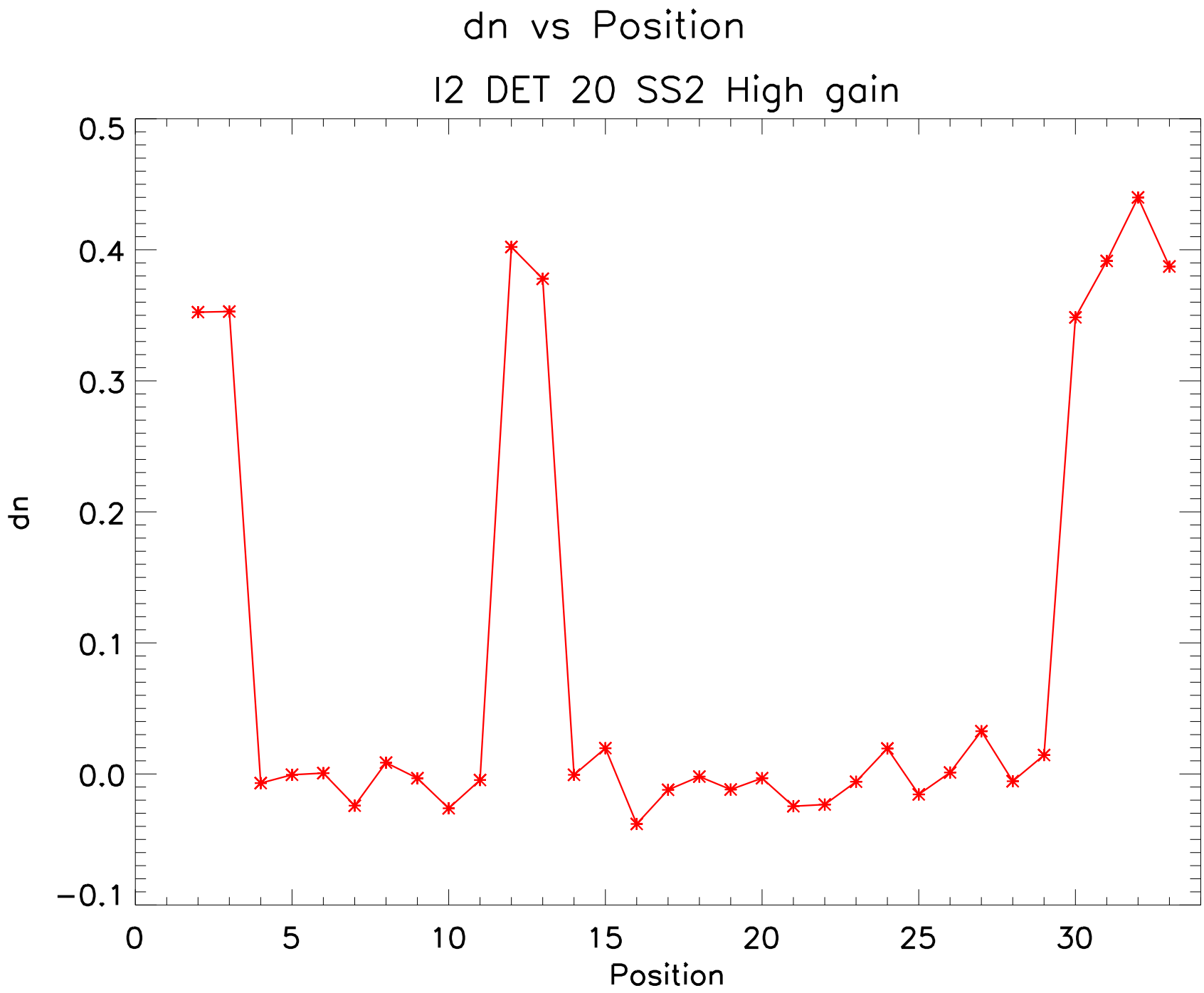

dn vs Position
I2 DET 18 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 18 SS2 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 19 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 19 SS2 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 20 SS1 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 20 SS2 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
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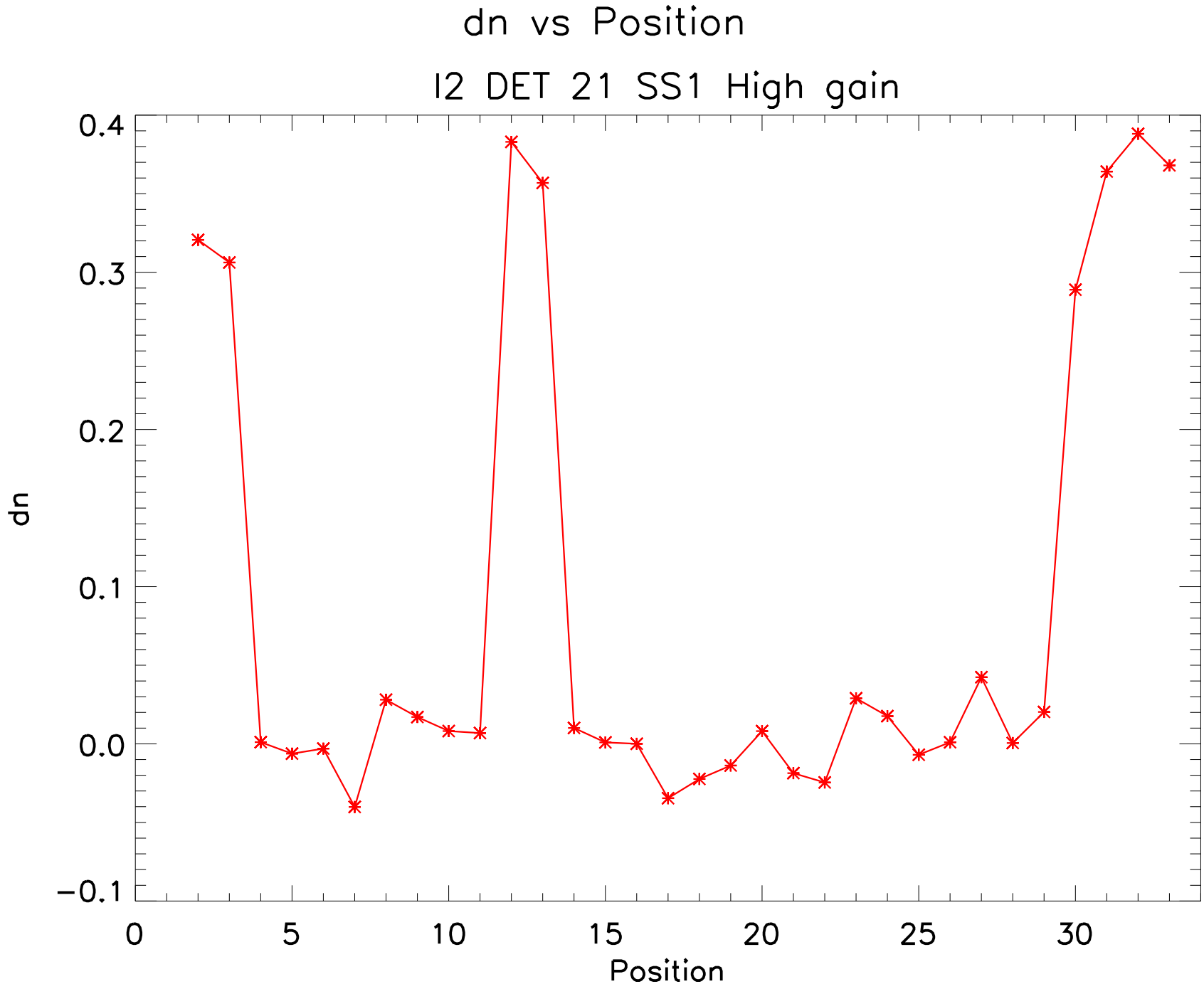
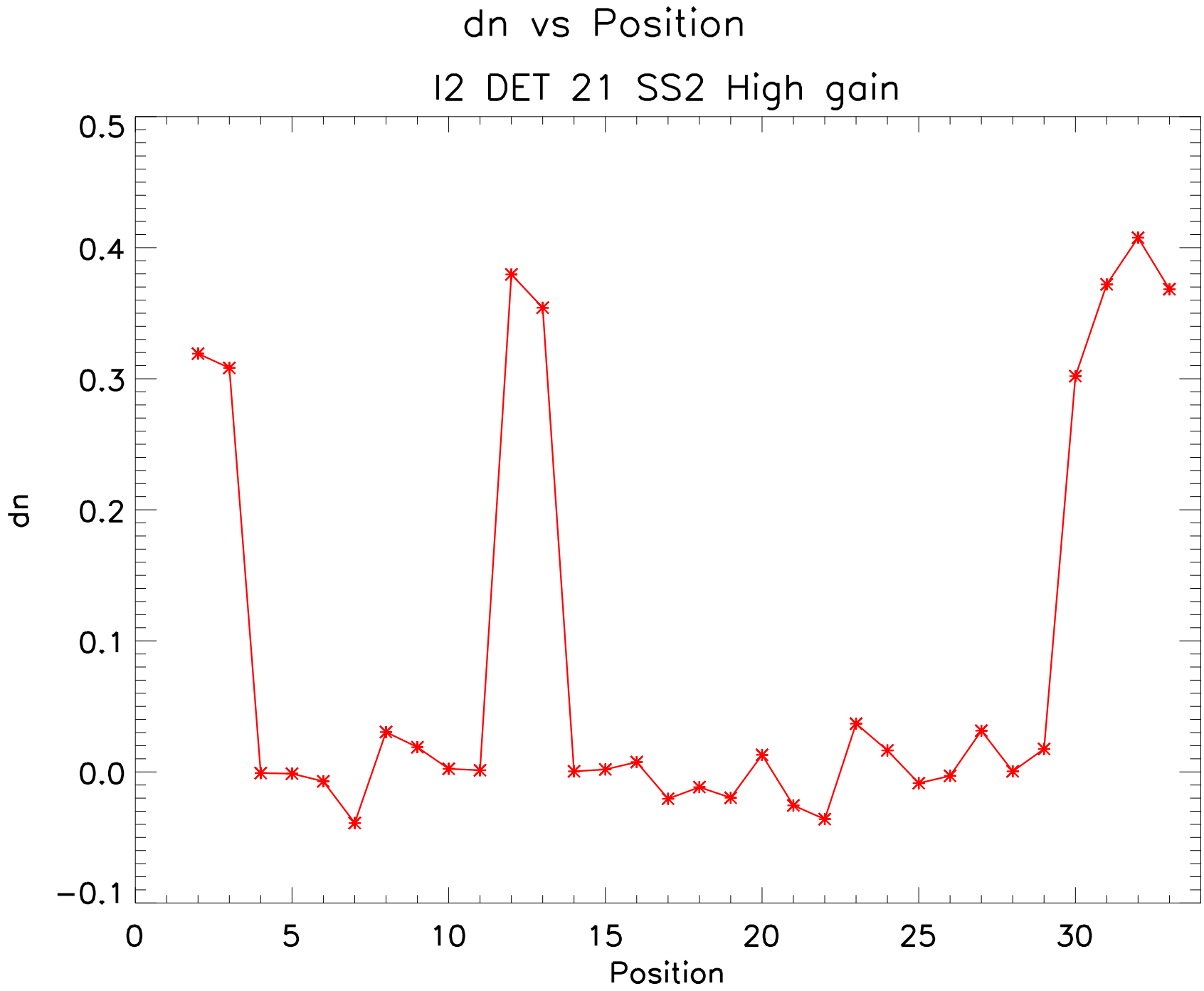
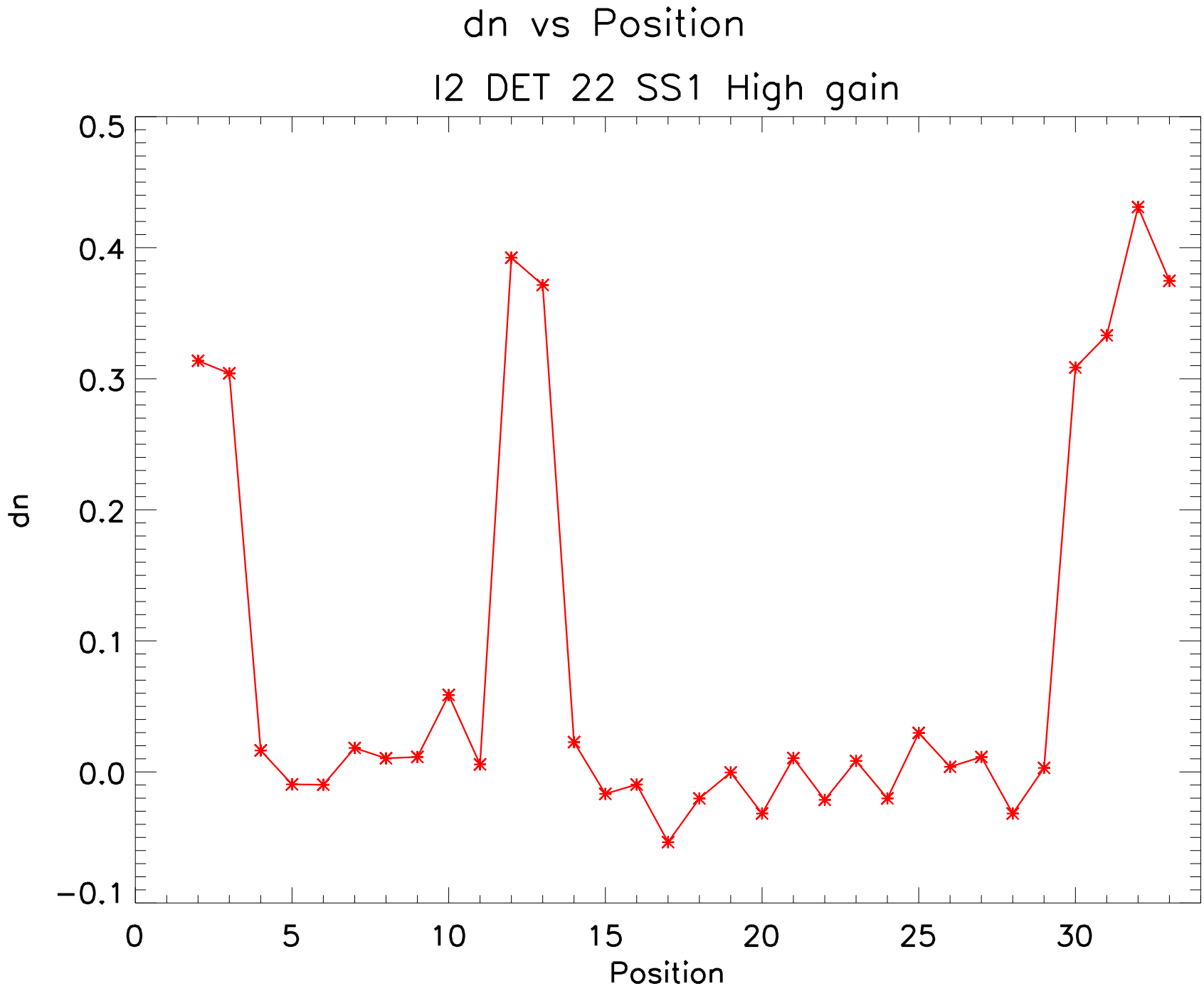
10
15
20
25
30
Position


dn vs Position
I2 DET 21 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
I2 DET 21 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
I2 DET 22 SS1 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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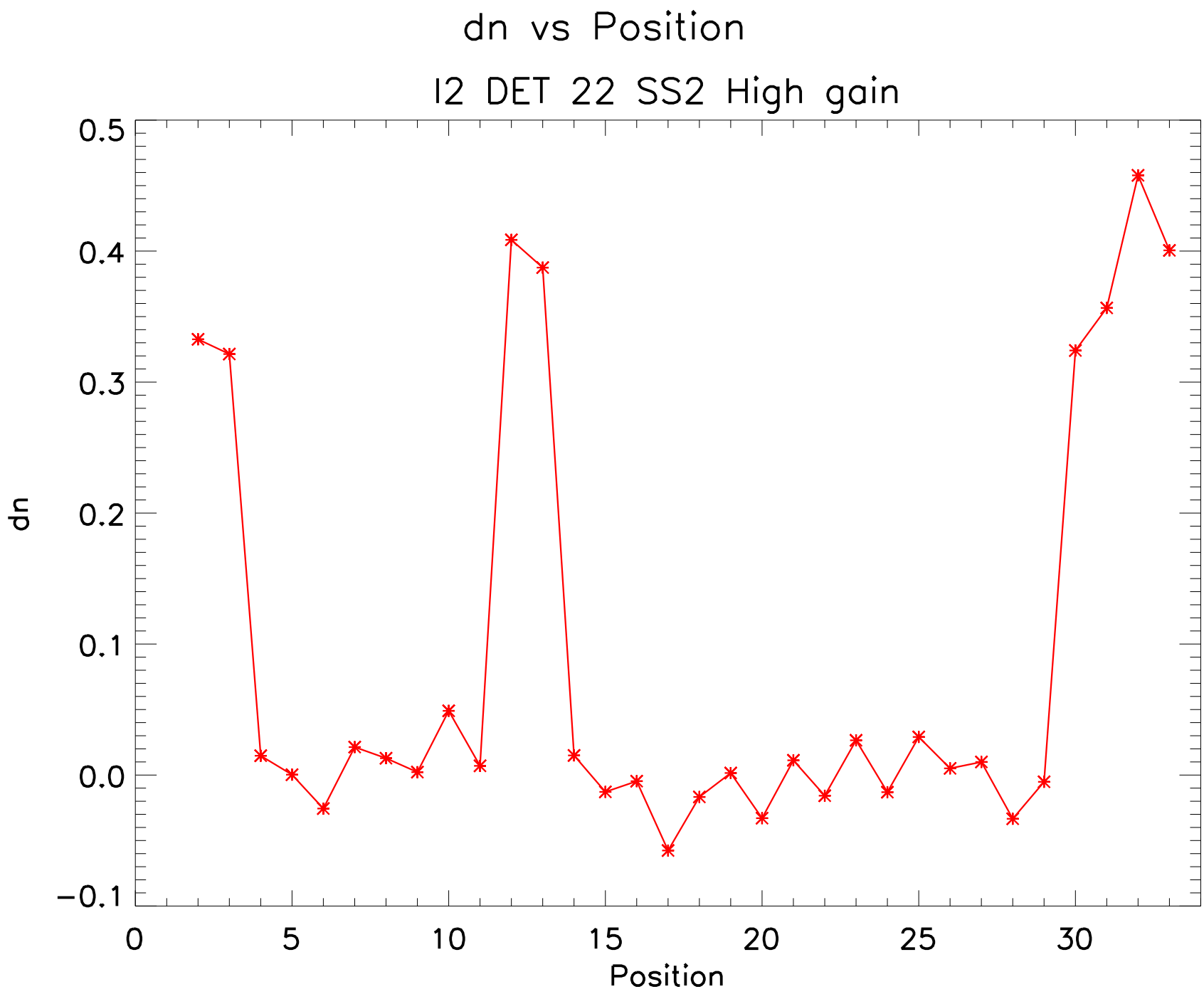
10
15
20
25
30
Position


dn vs Position
I2 DET 22 SS2 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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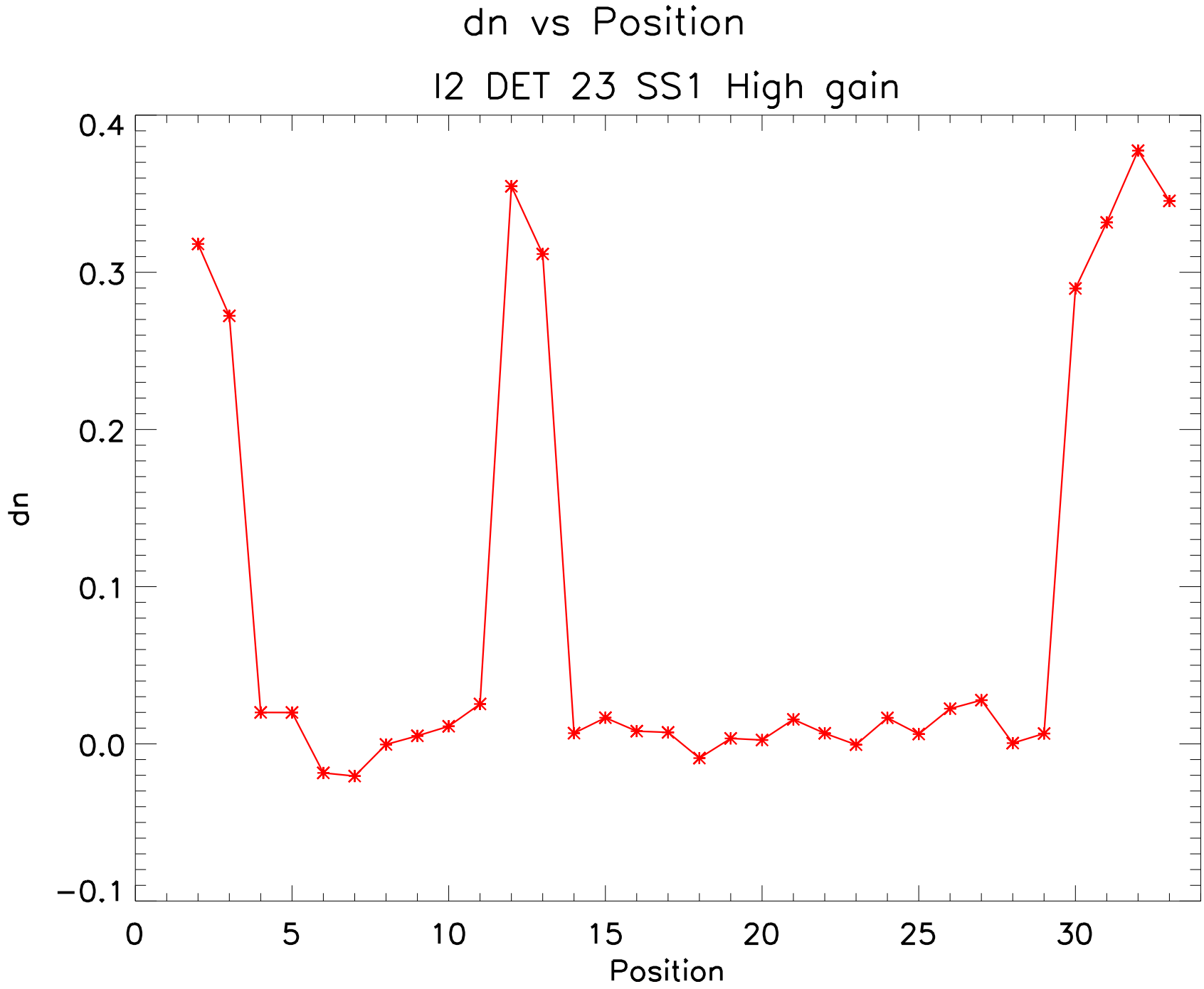
10
15
20
25
30
Position


dn vs Position
I2 DET 23 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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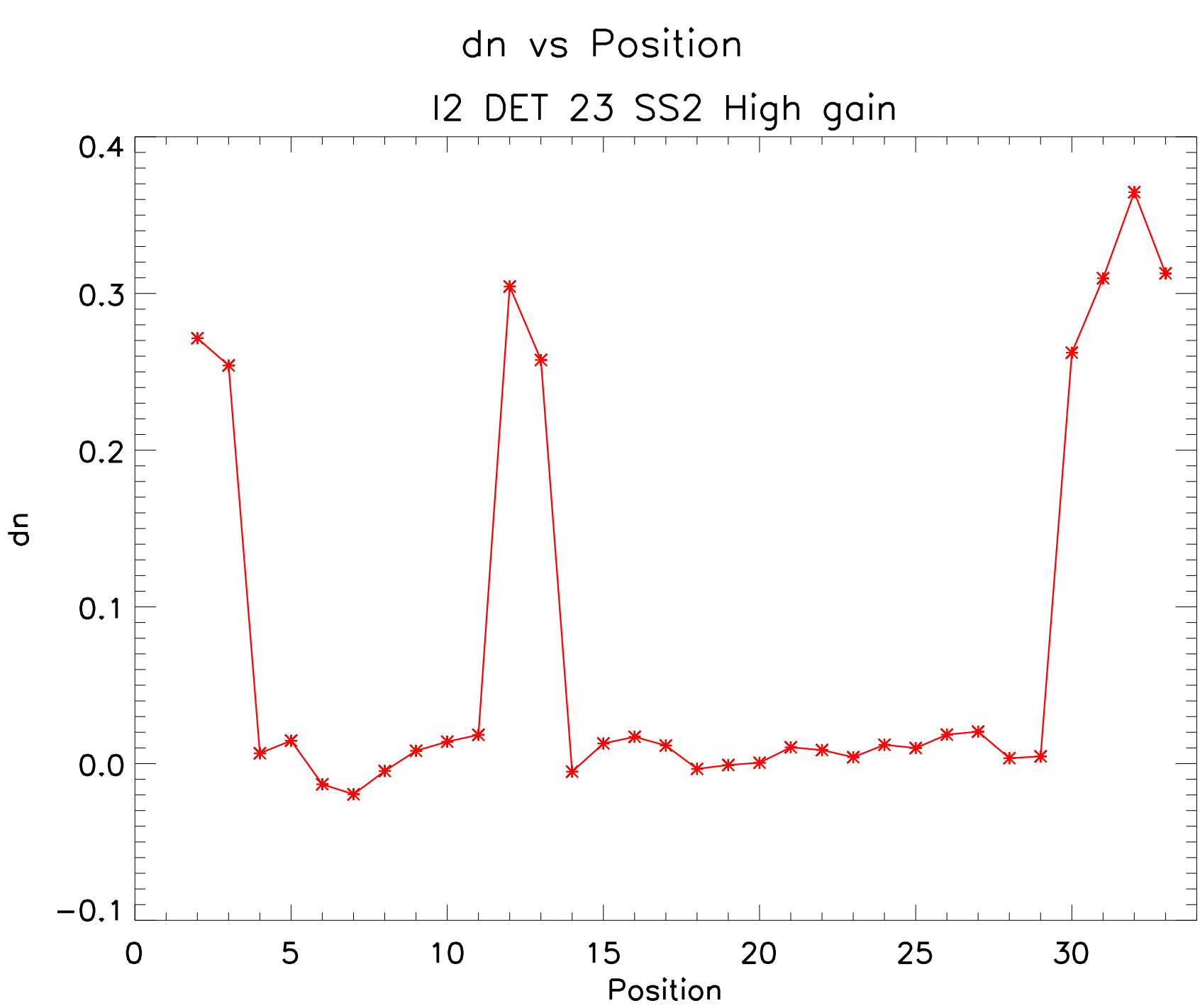
15
20
25
30
Position


dn vs Position
I2 DET 23 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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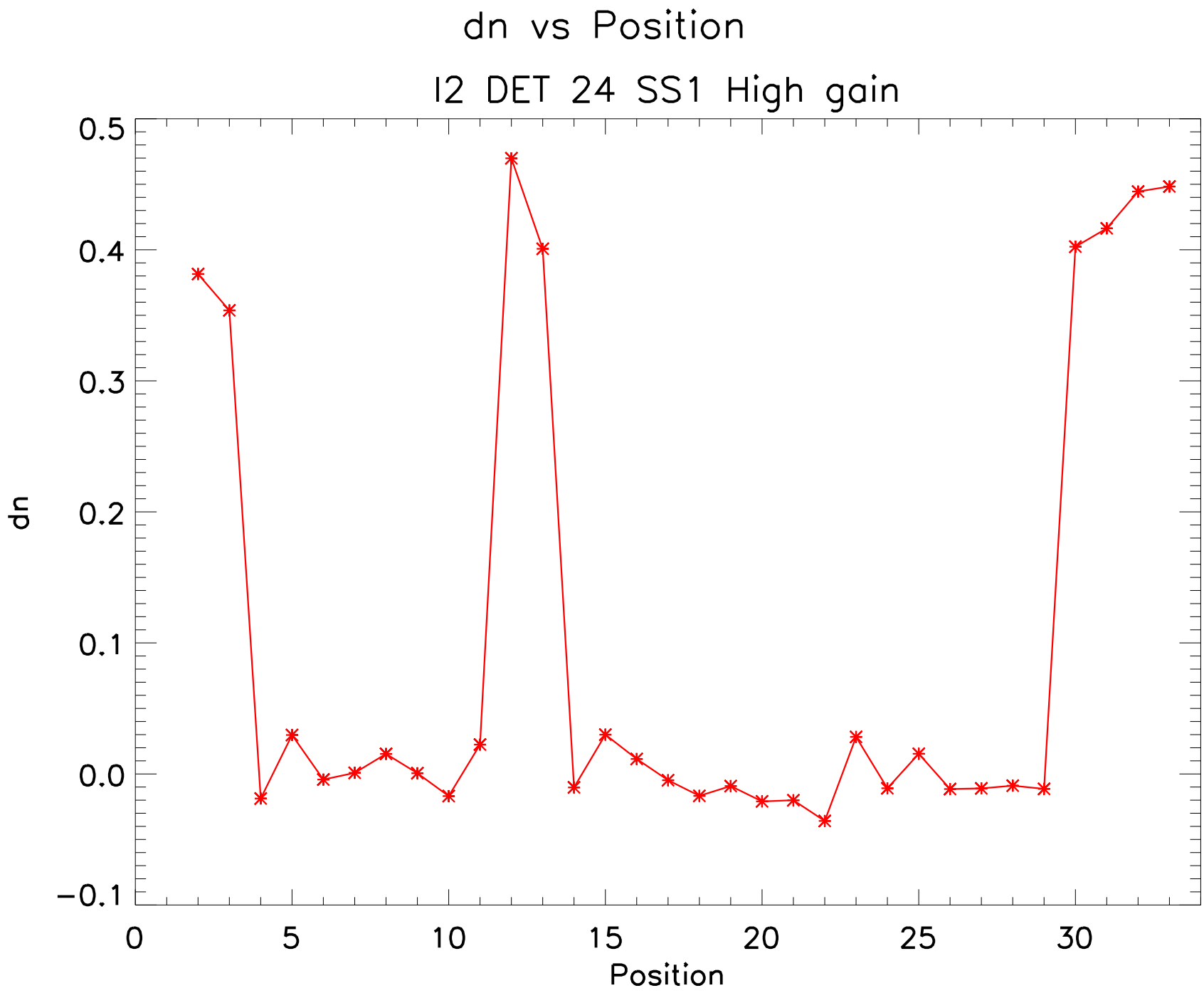
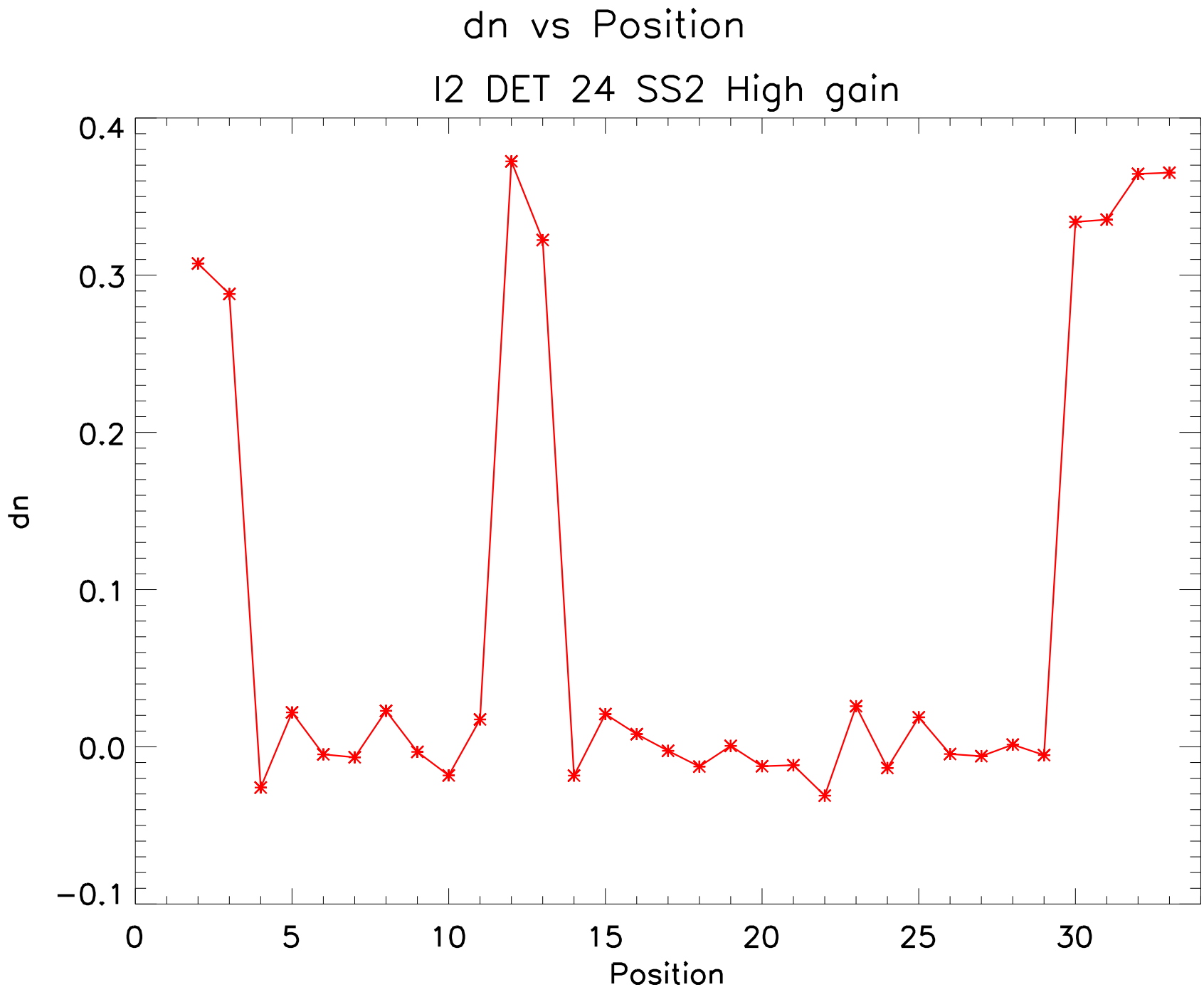
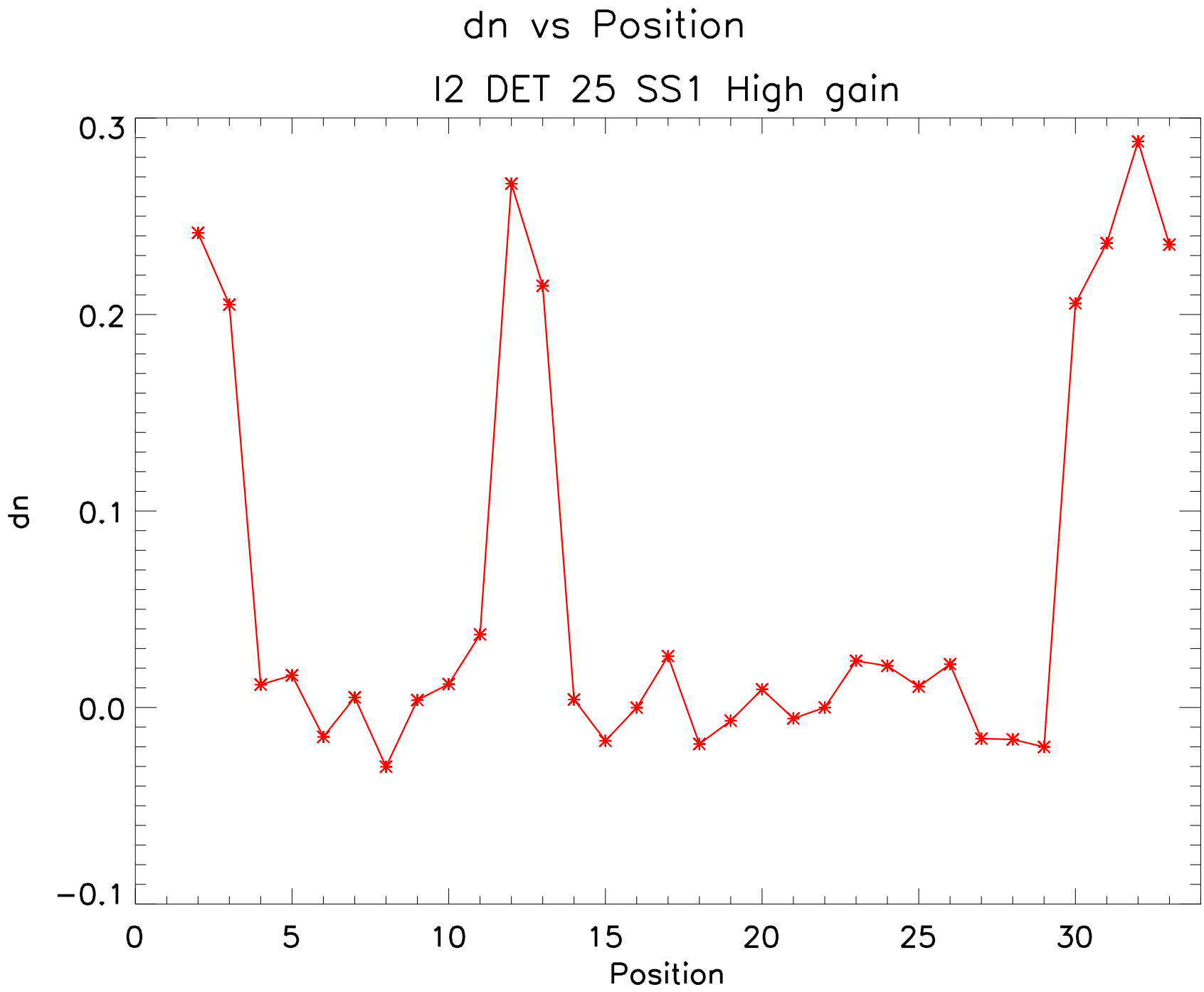
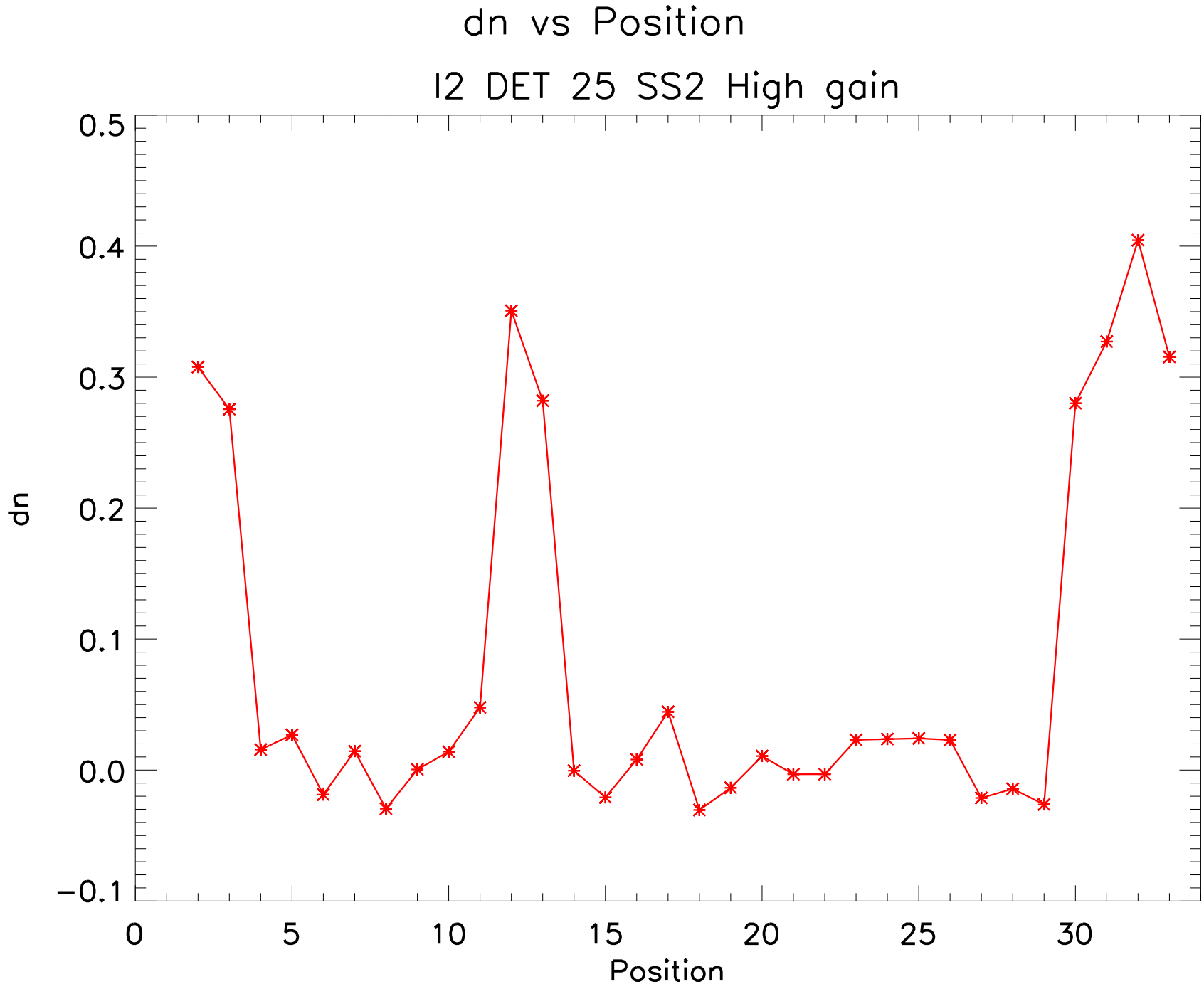
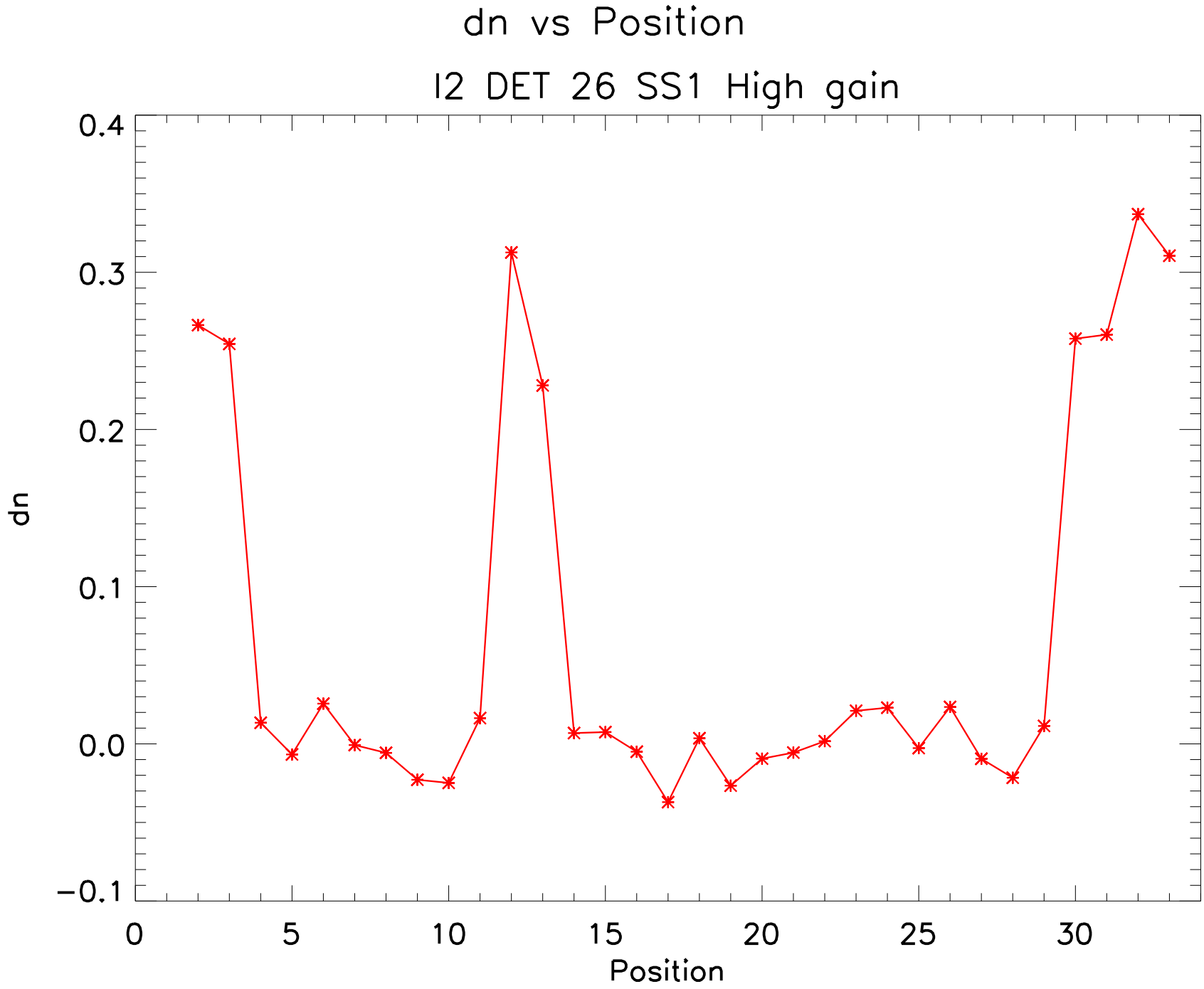
10
15
20
25
30
Position

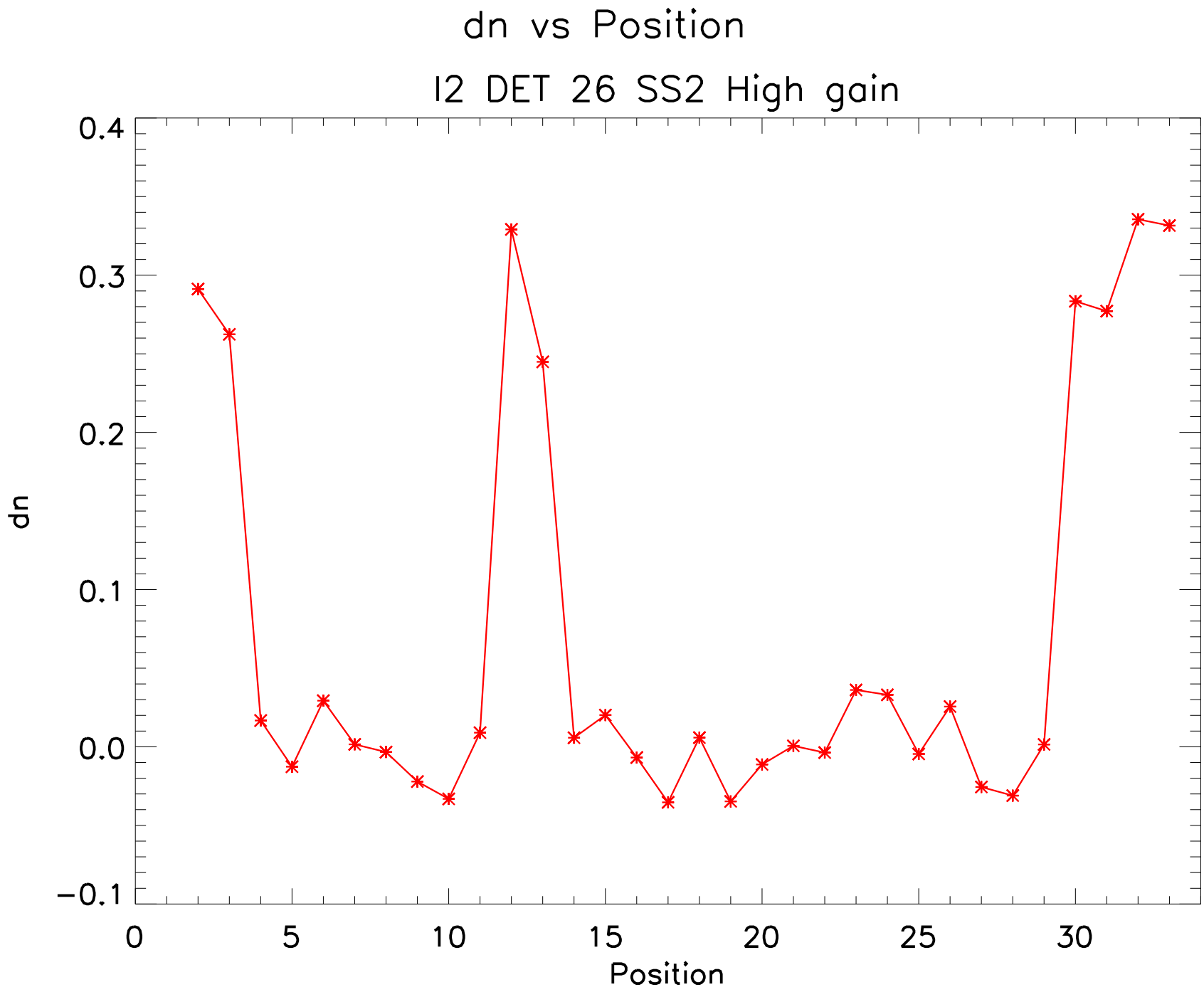

dn vs Position
I2 DET 24 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

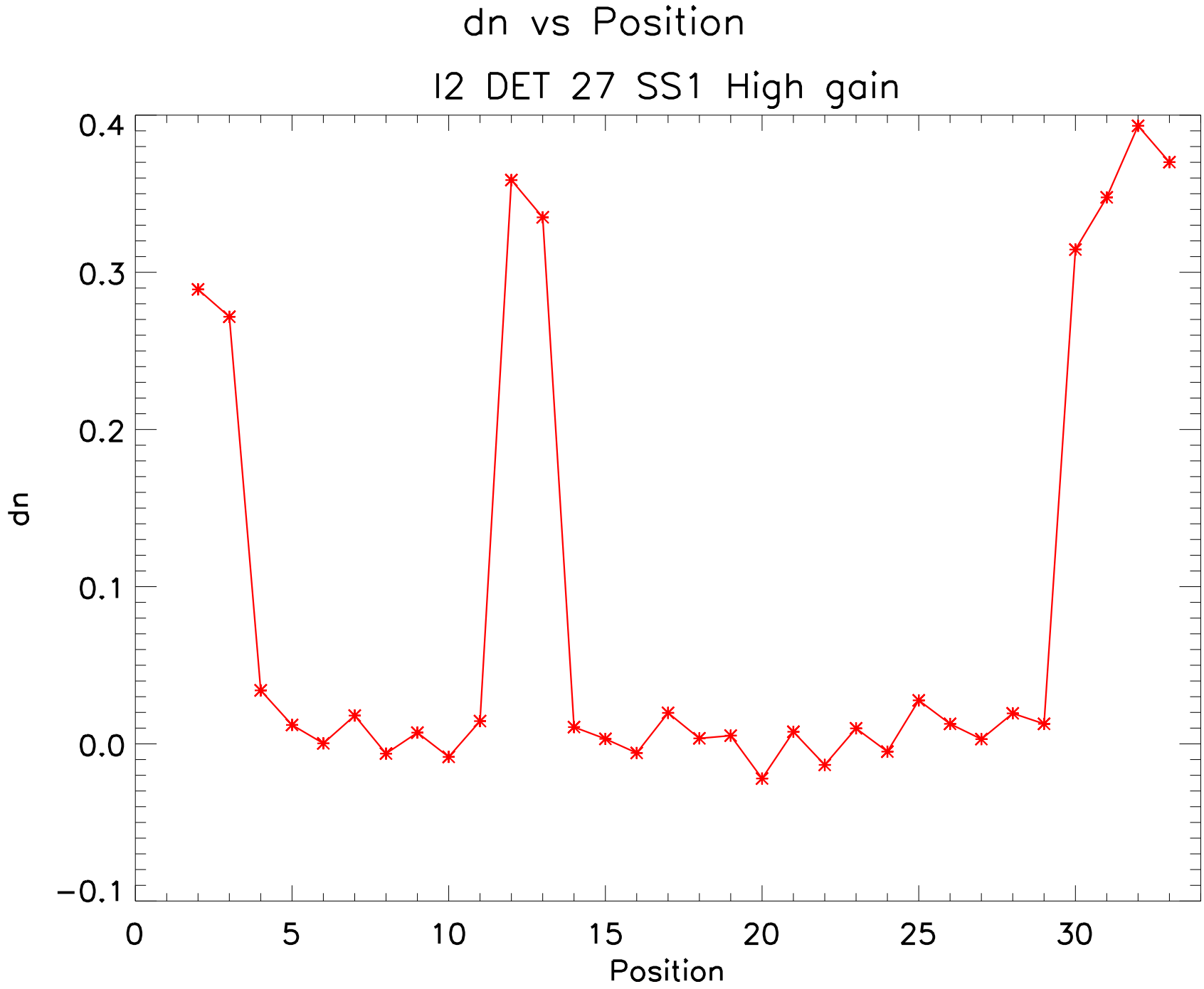

dn vs Position
I2 DET 24 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

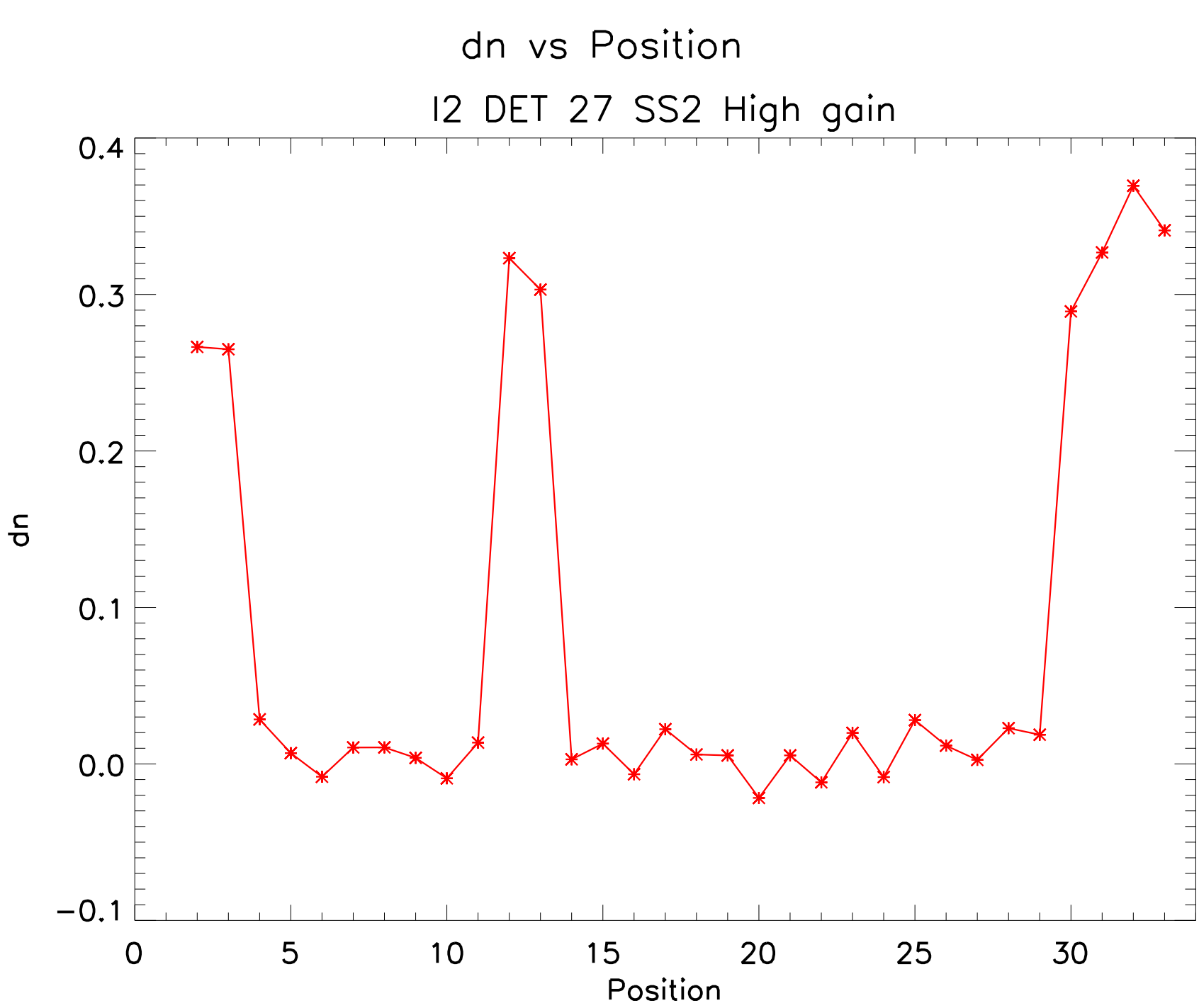

dn vs Position
I2 DET 25 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

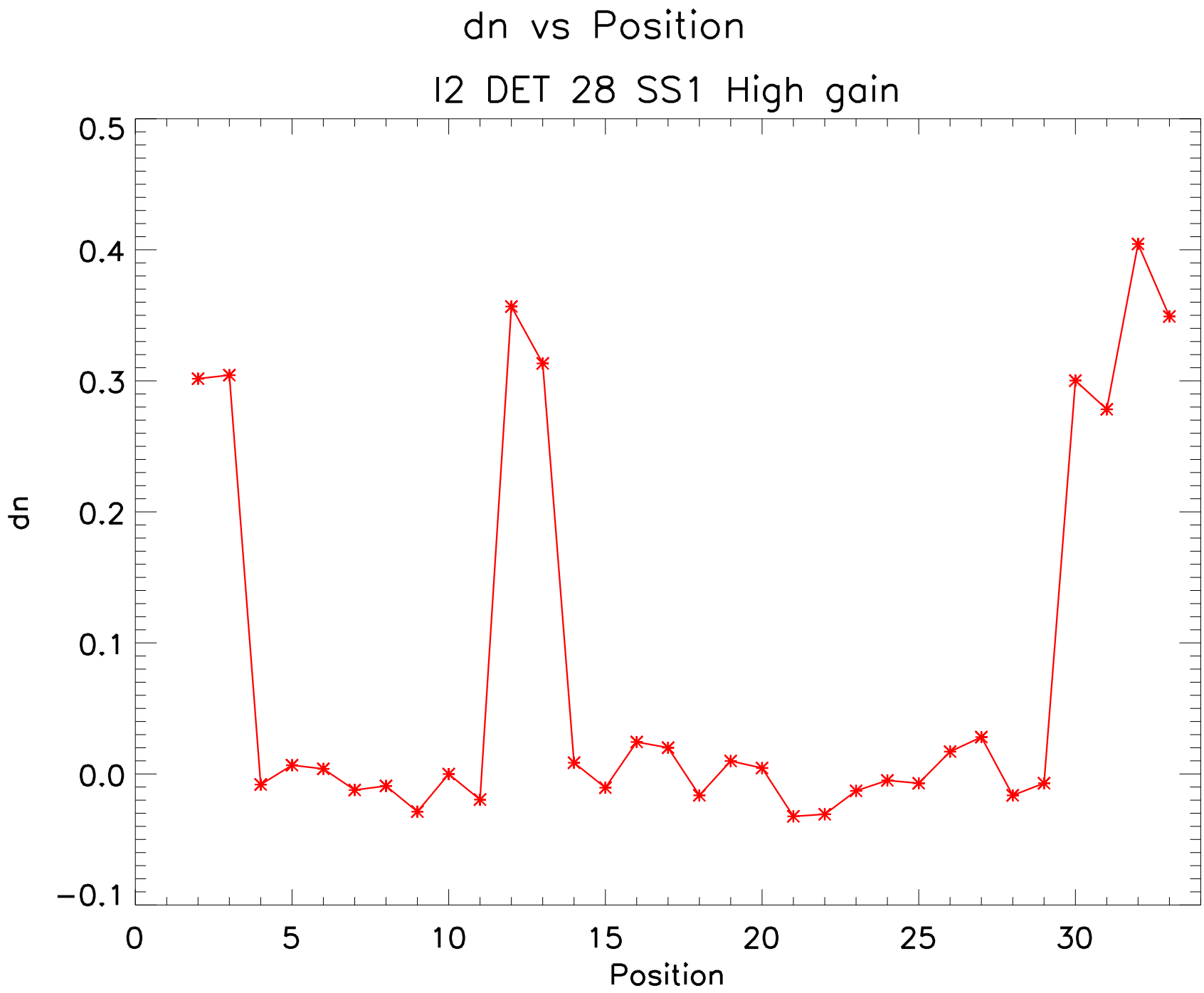

dn vs Position
I2 DET 25 SS2 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

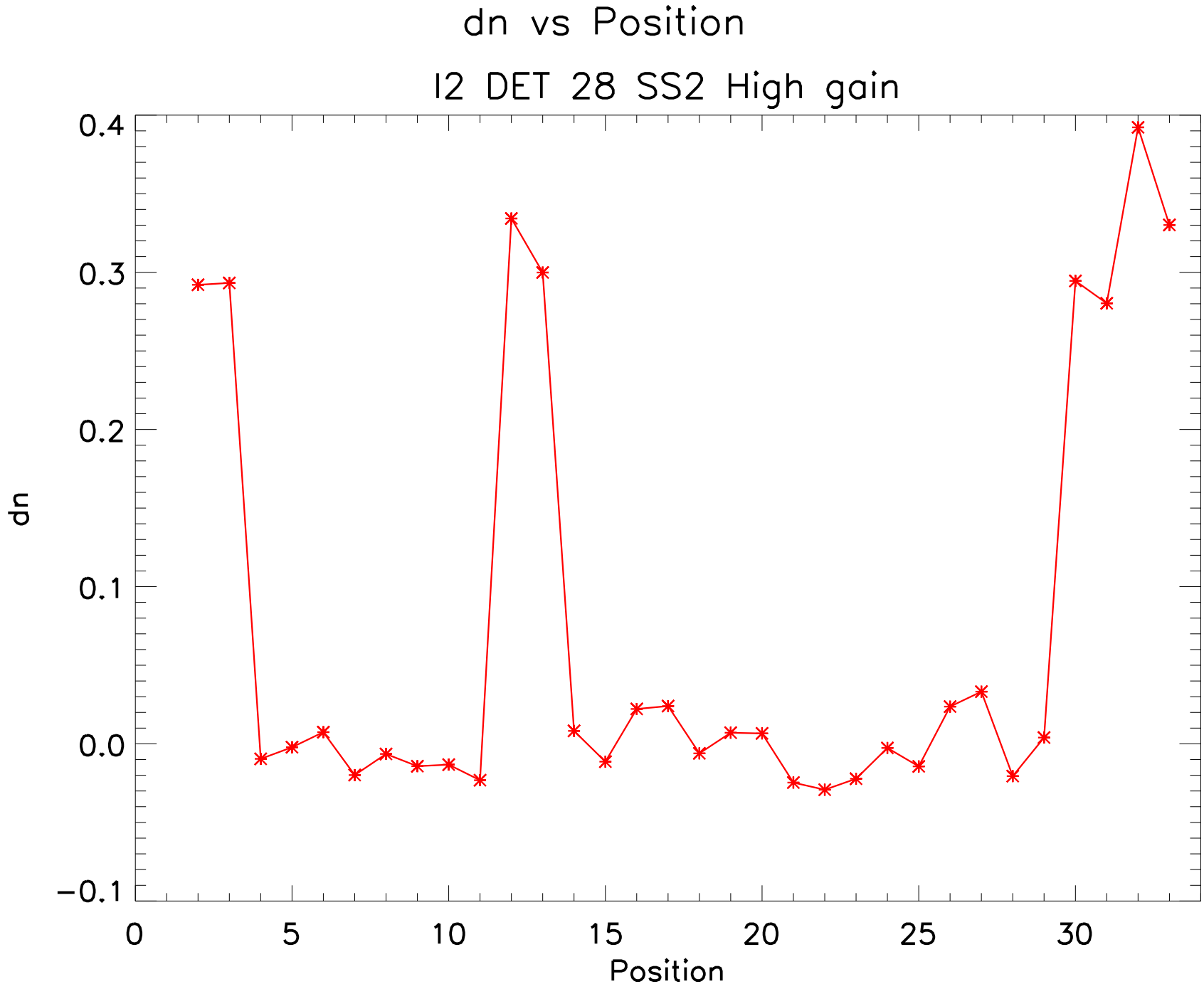

dn vs Position
I2 DET 26 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

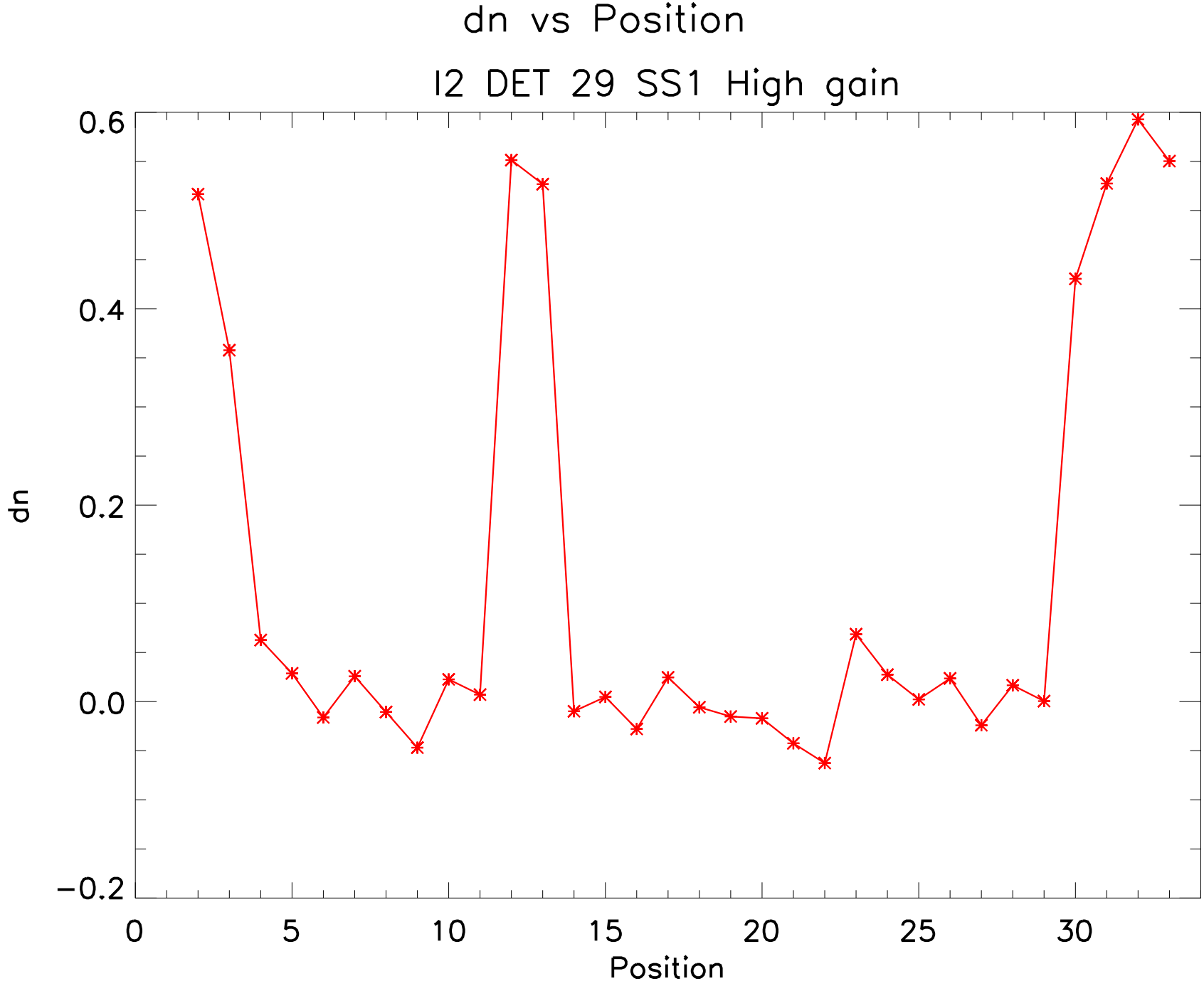

dn vs Position
I2 DET 26 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

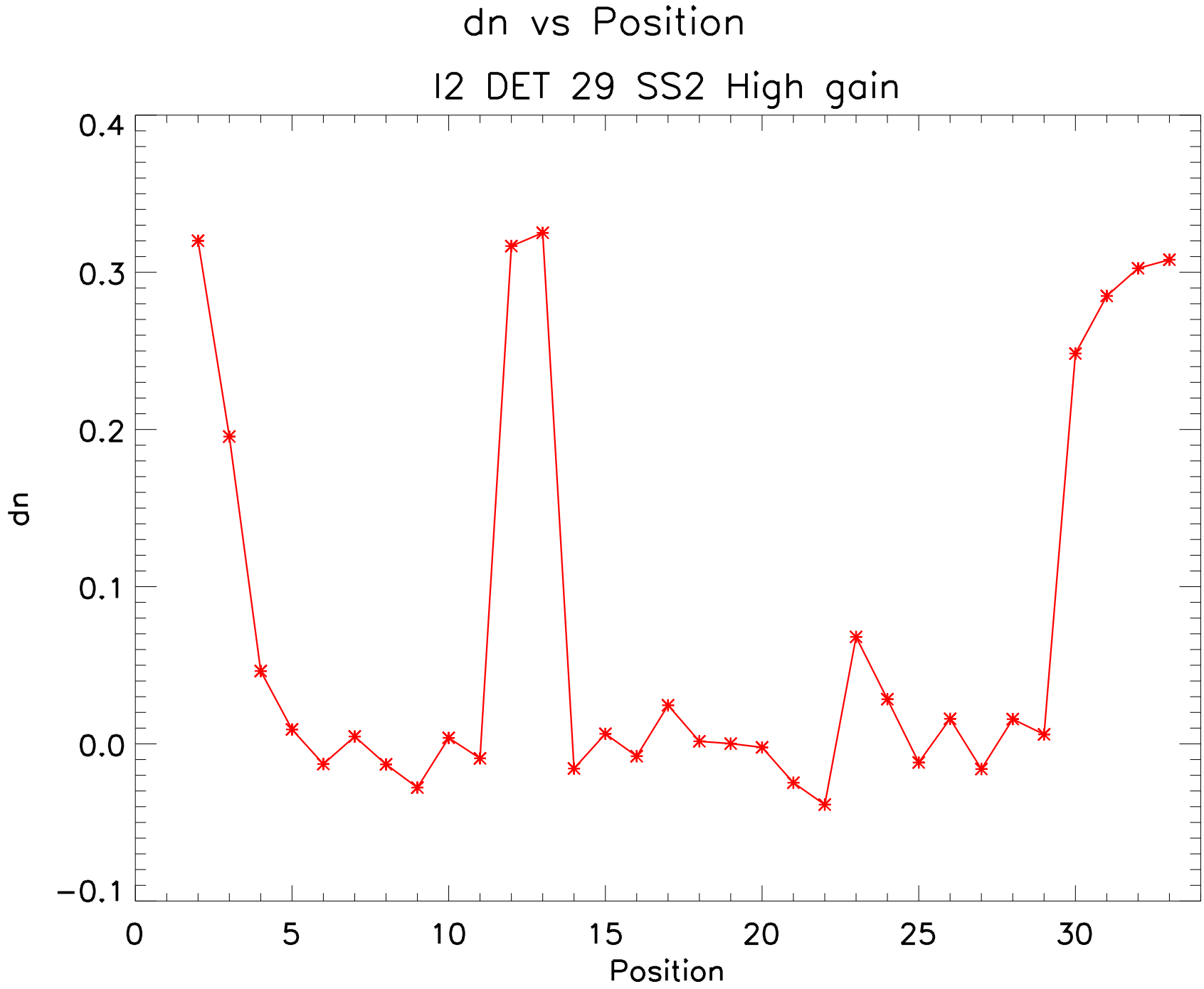

dn vs Position
I2 DET 27 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

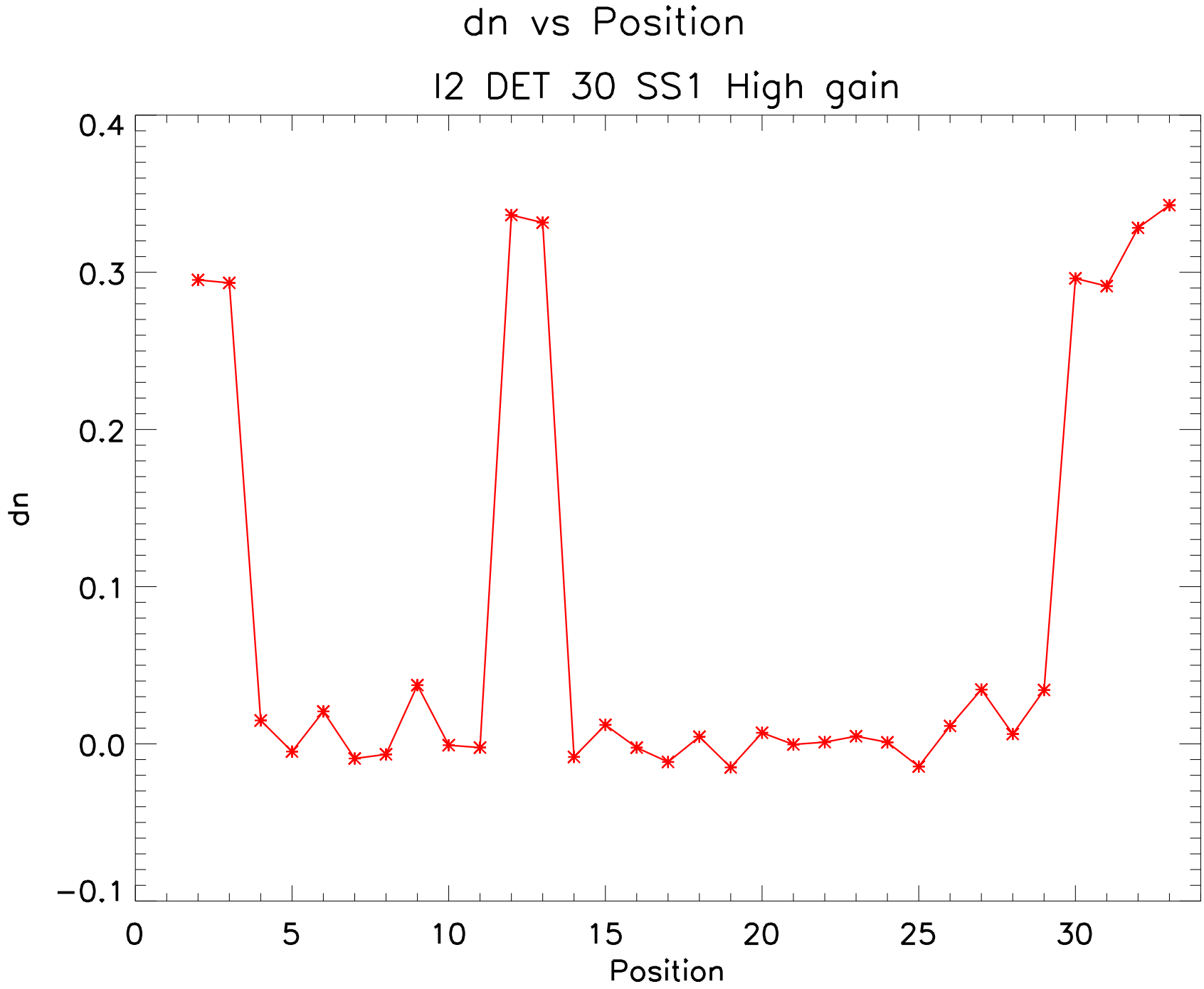

dn vs Position
I2 DET 27 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

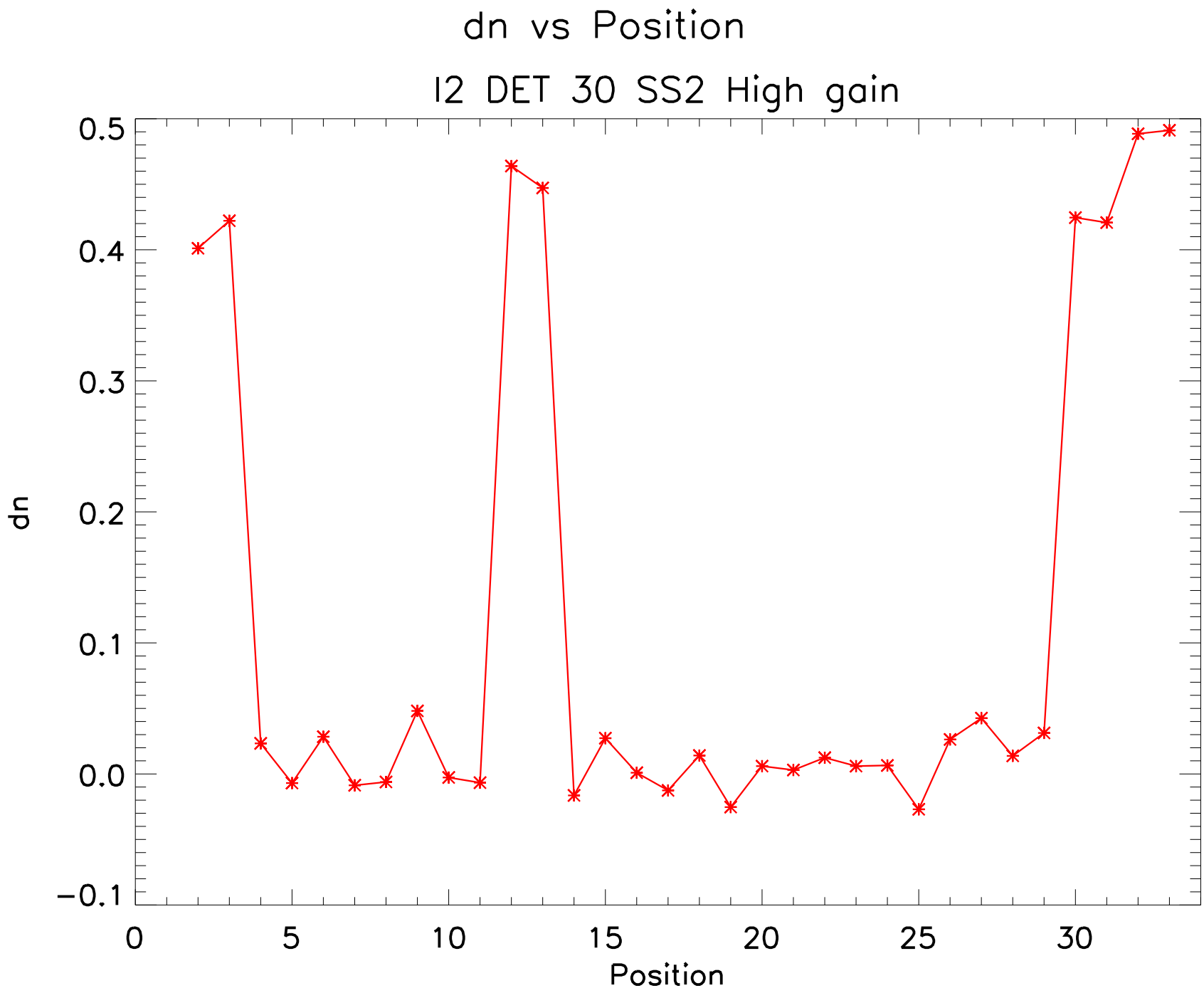

dn vs Position
I2 DET 28 SS1 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

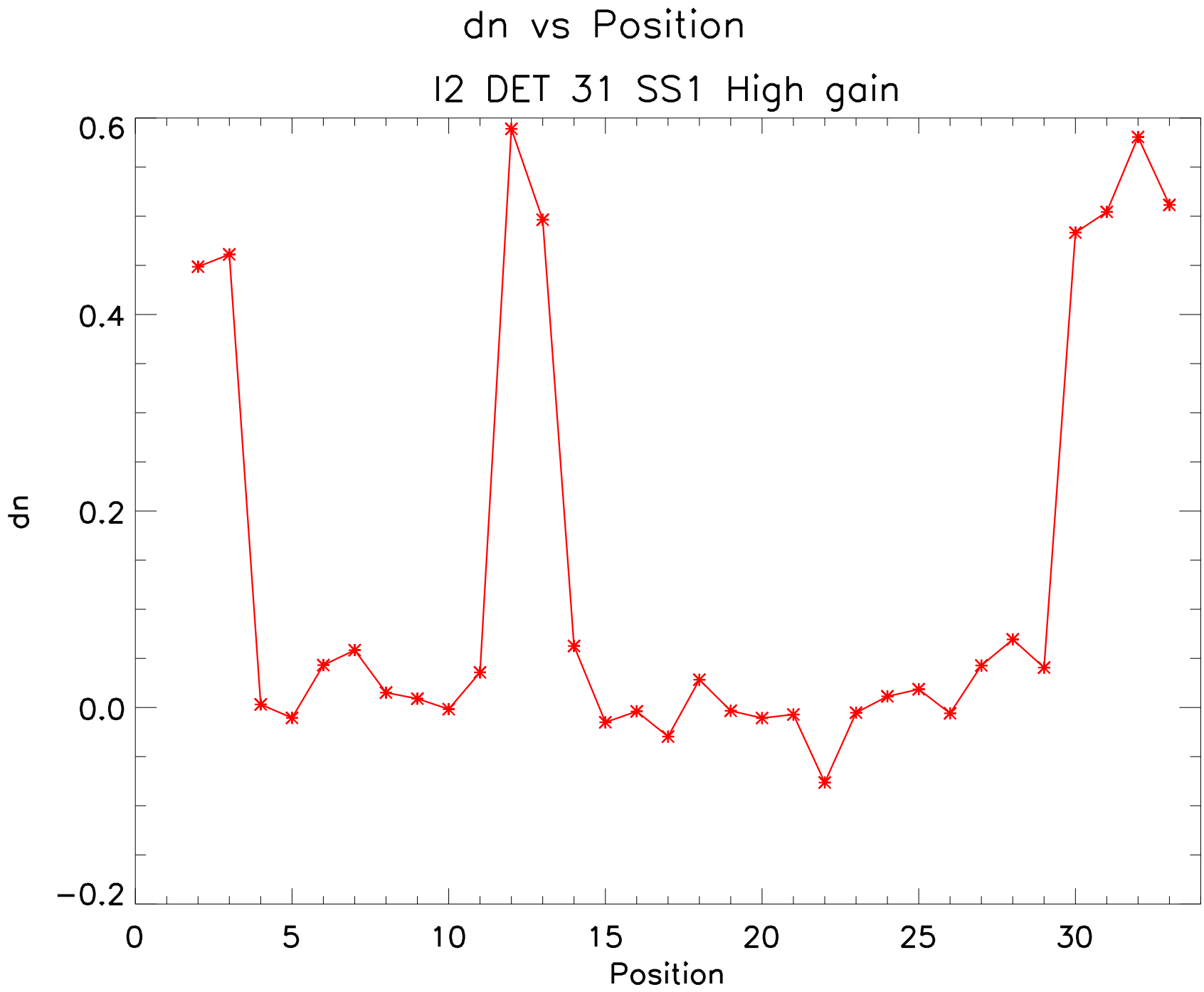

dn vs Position
I2 DET 28 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

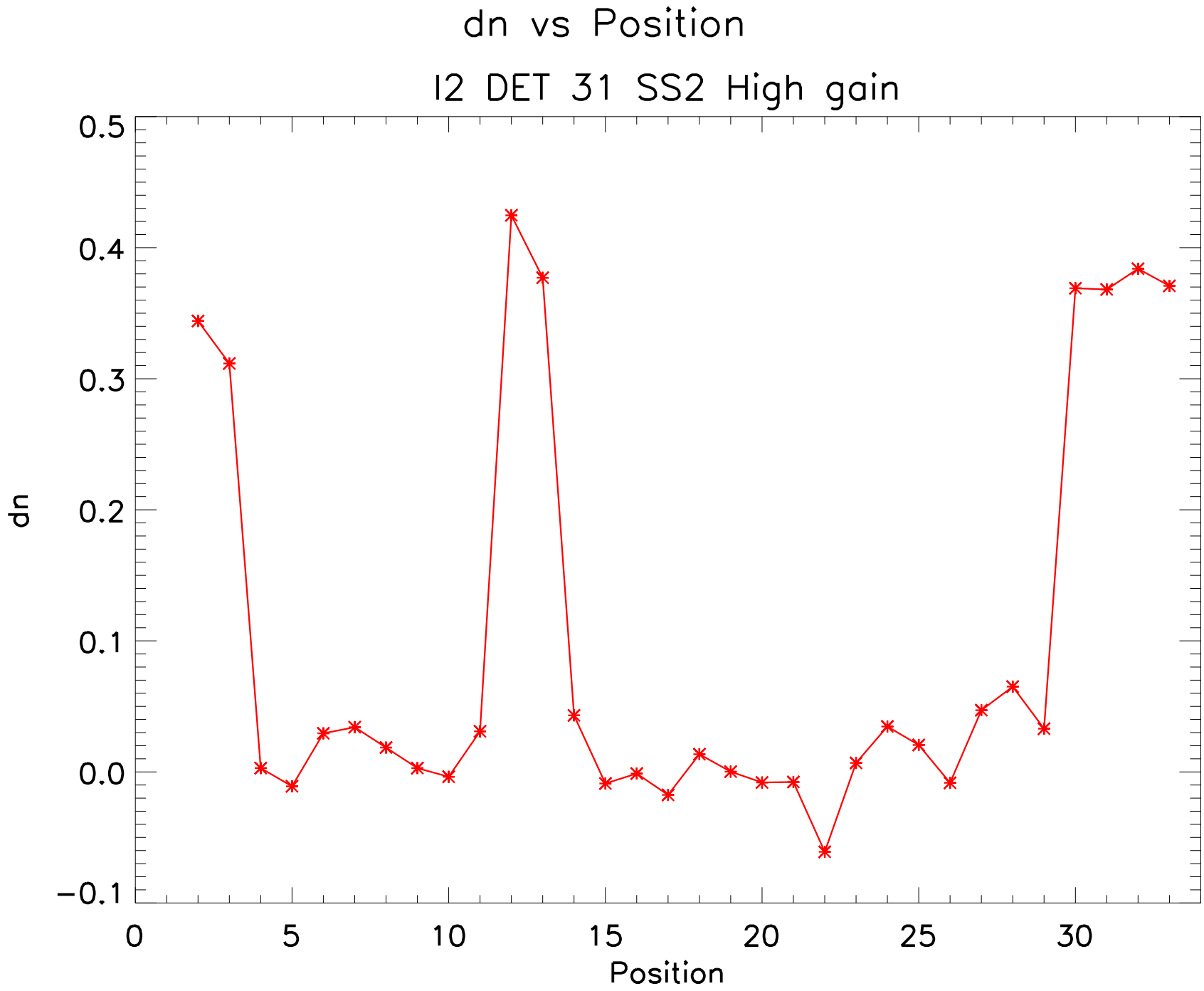

dn vs Position
I2 DET 29 SS1 High gain
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

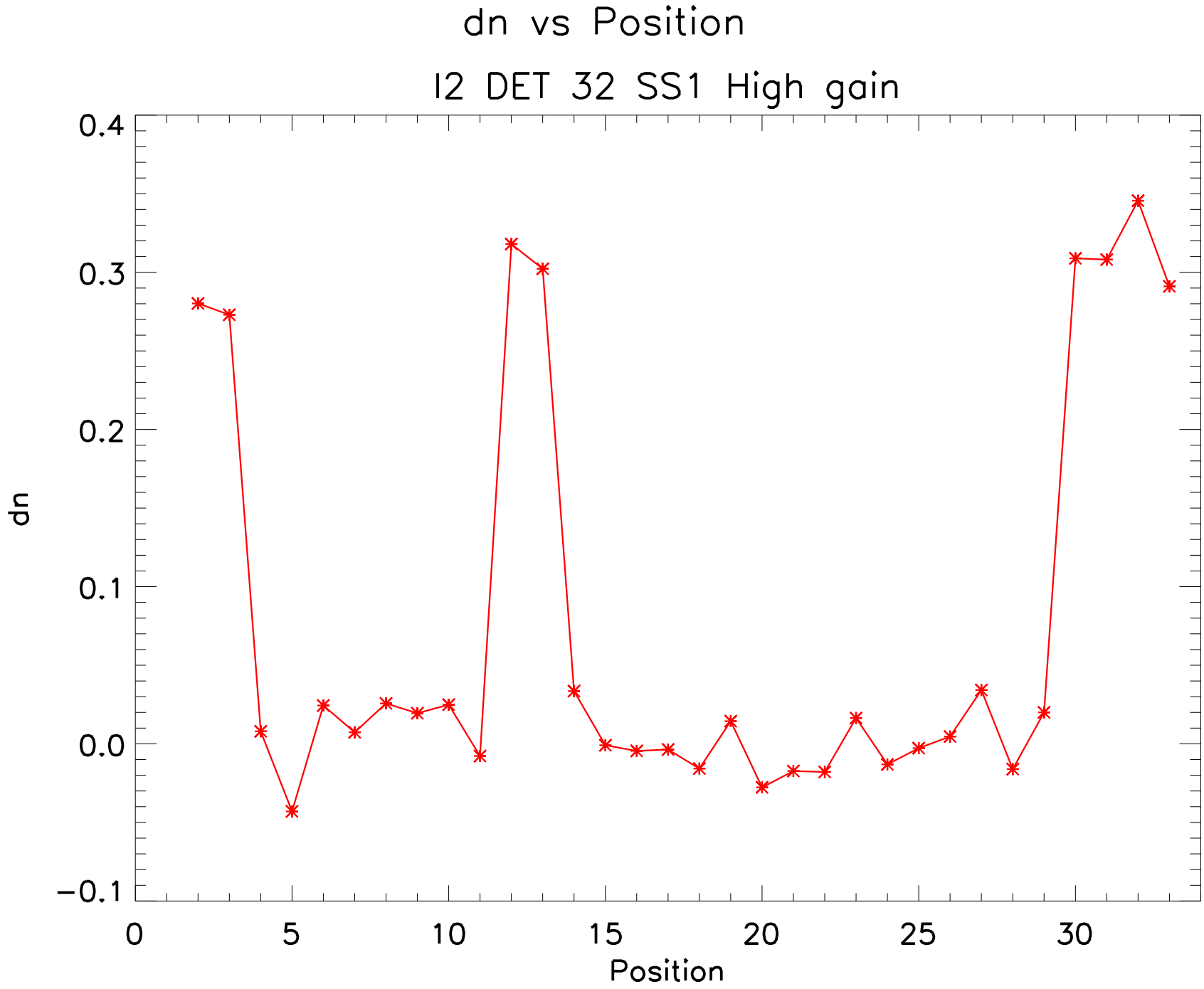

dn vs Position
I2 DET 29 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

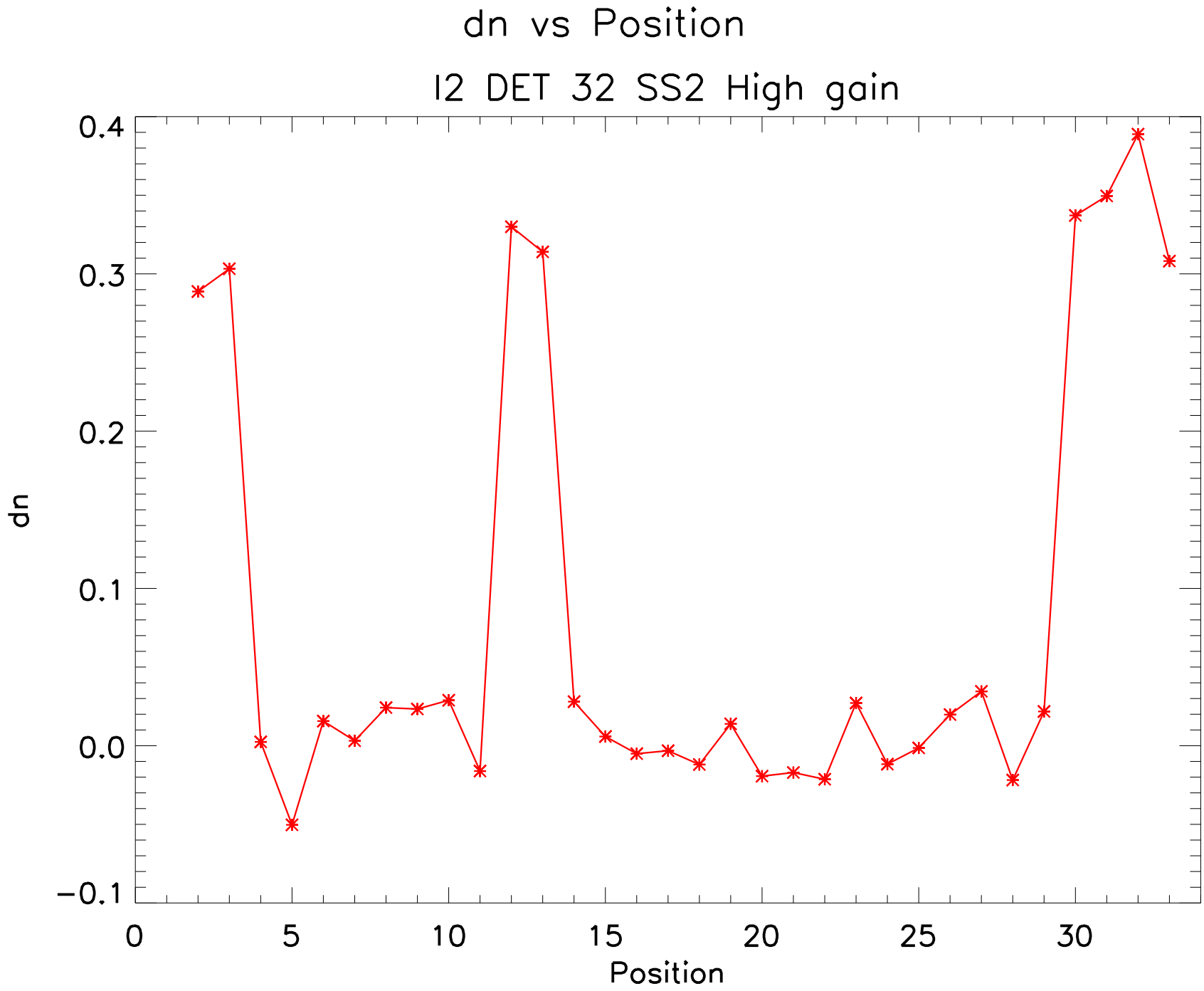

dn vs Position
I2 DET 30 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

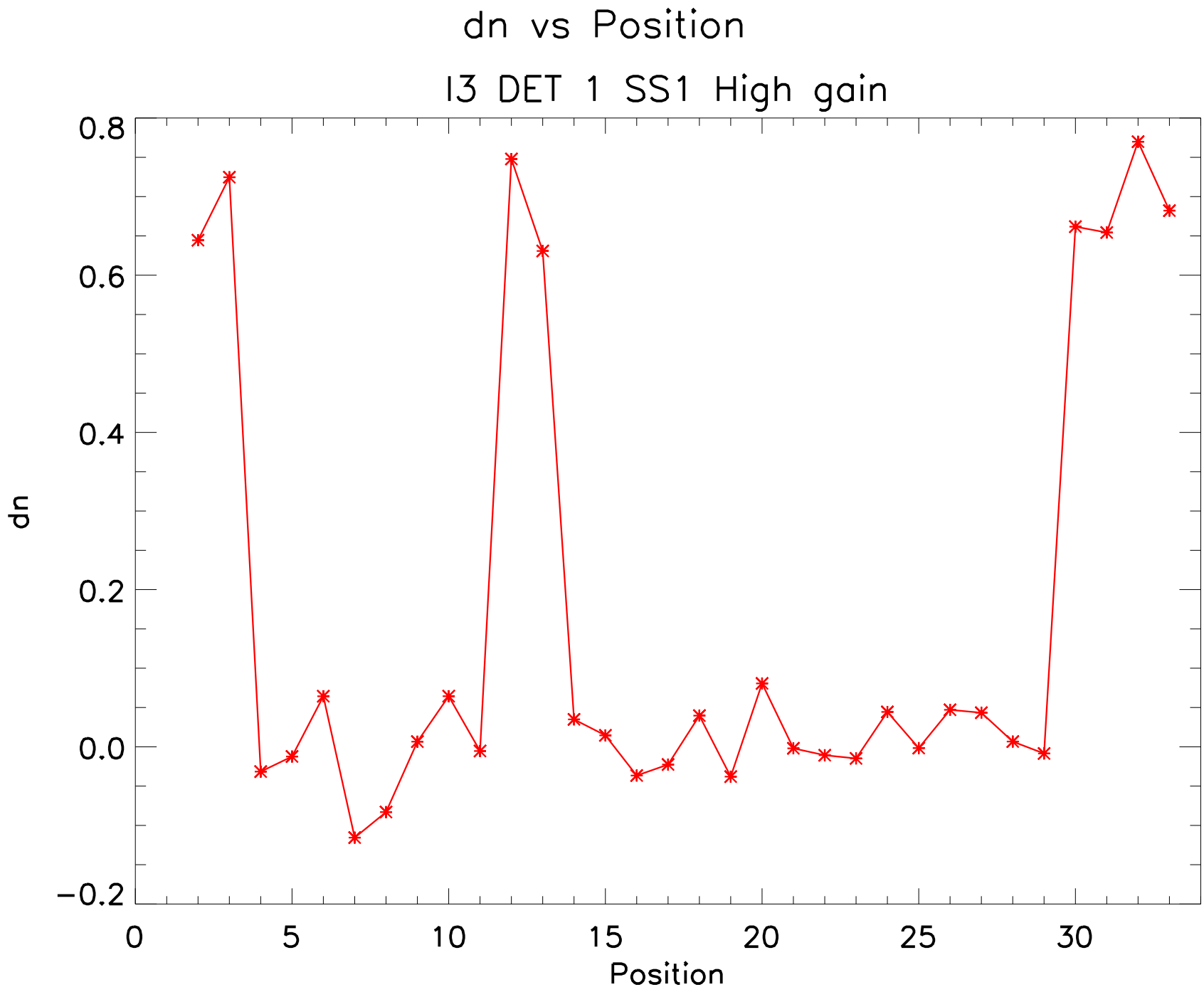

dn vs Position
I2 DET 30 SS2 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

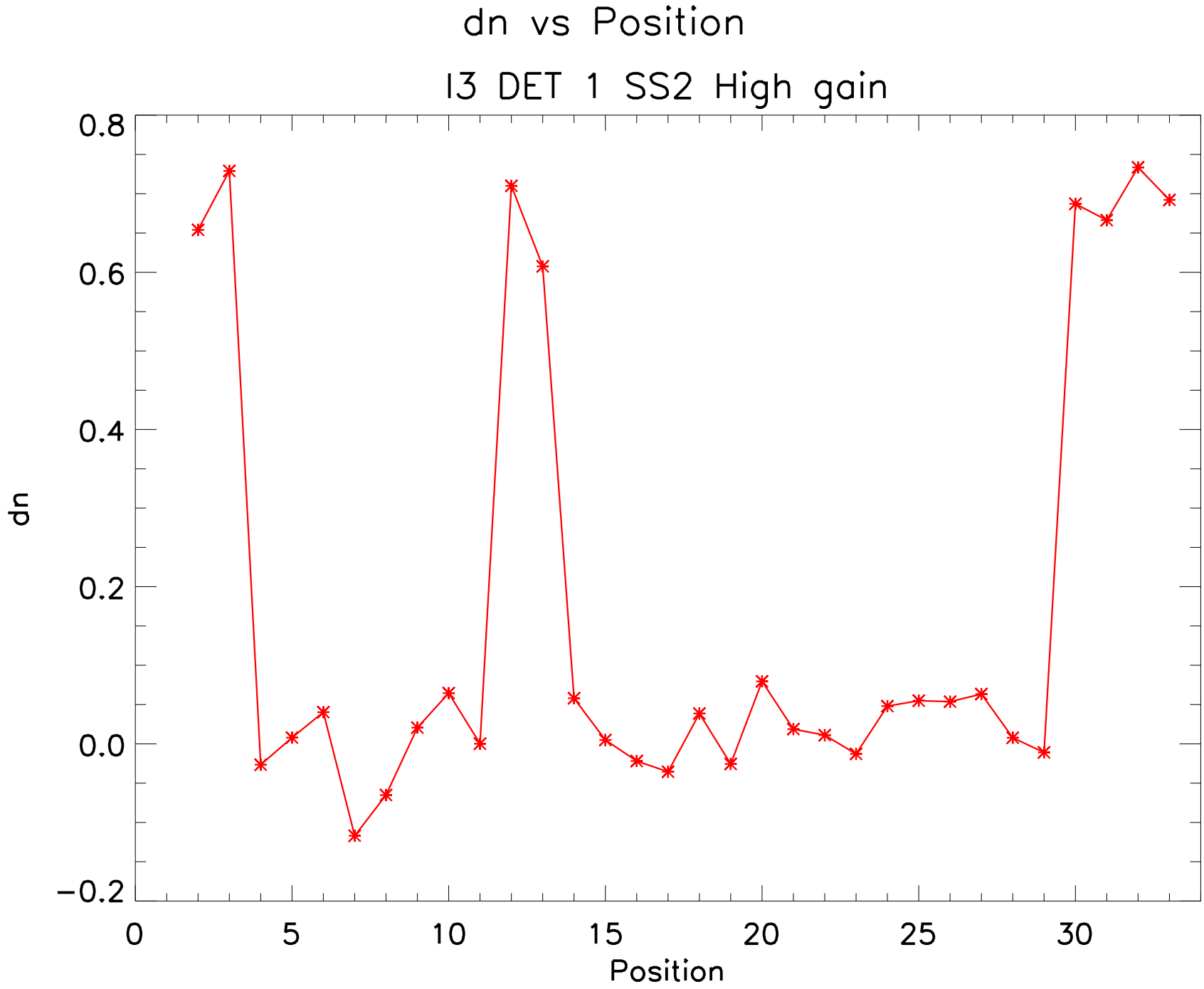

dn vs Position
I2 DET 31 SS1 High gain
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

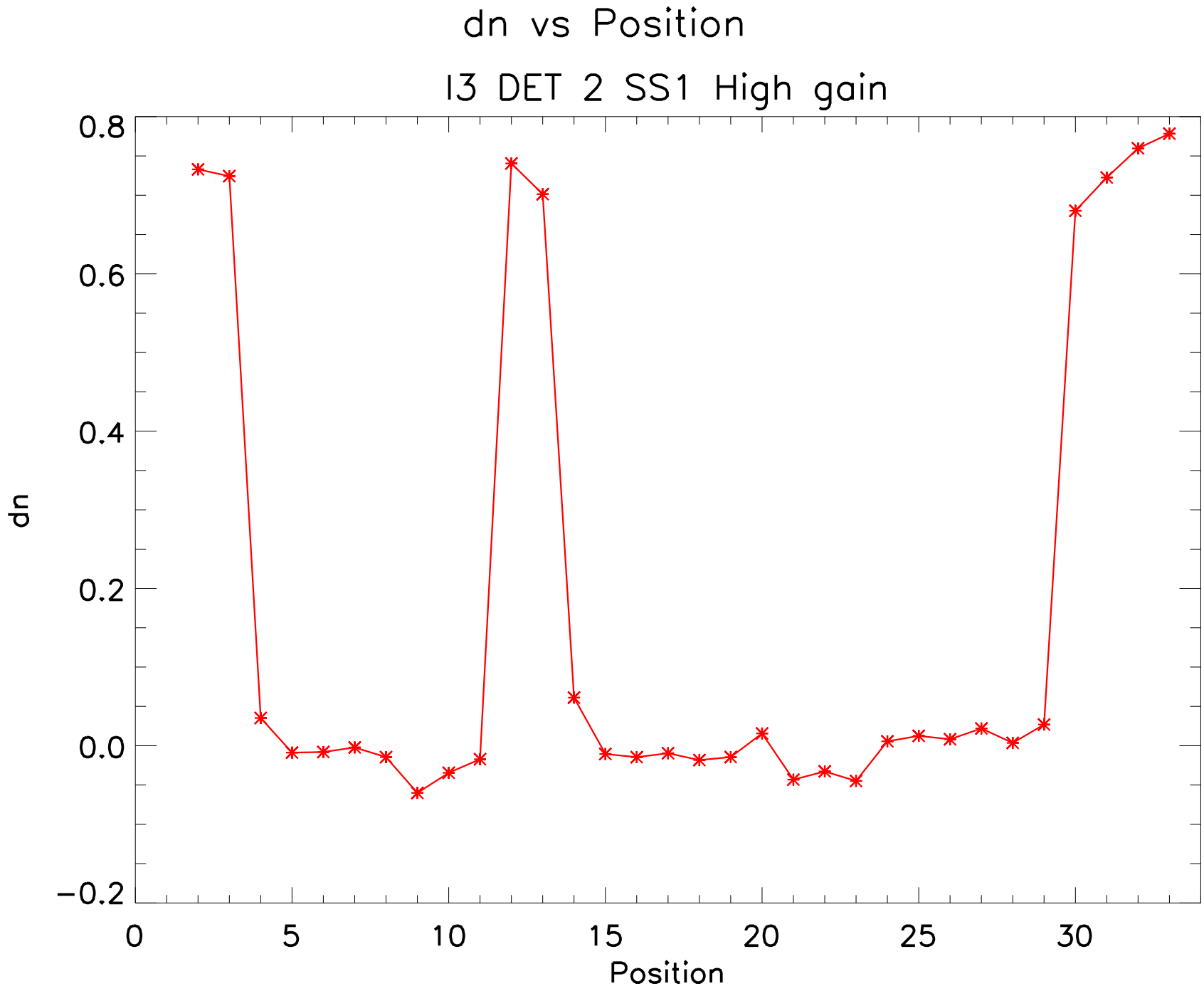

dn vs Position
I2 DET 31 SS2 High gain
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

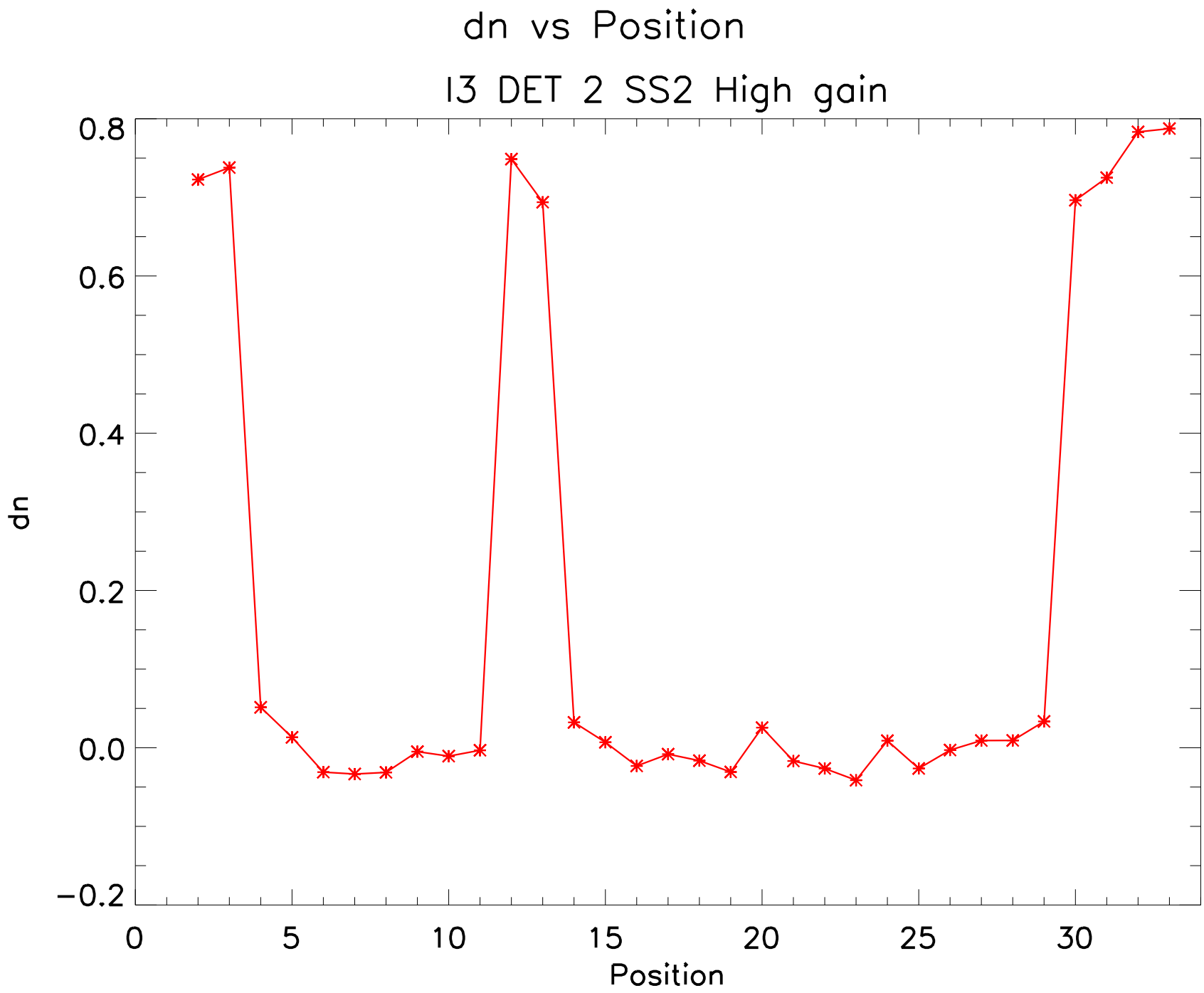

dn vs Position
I2 DET 32 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

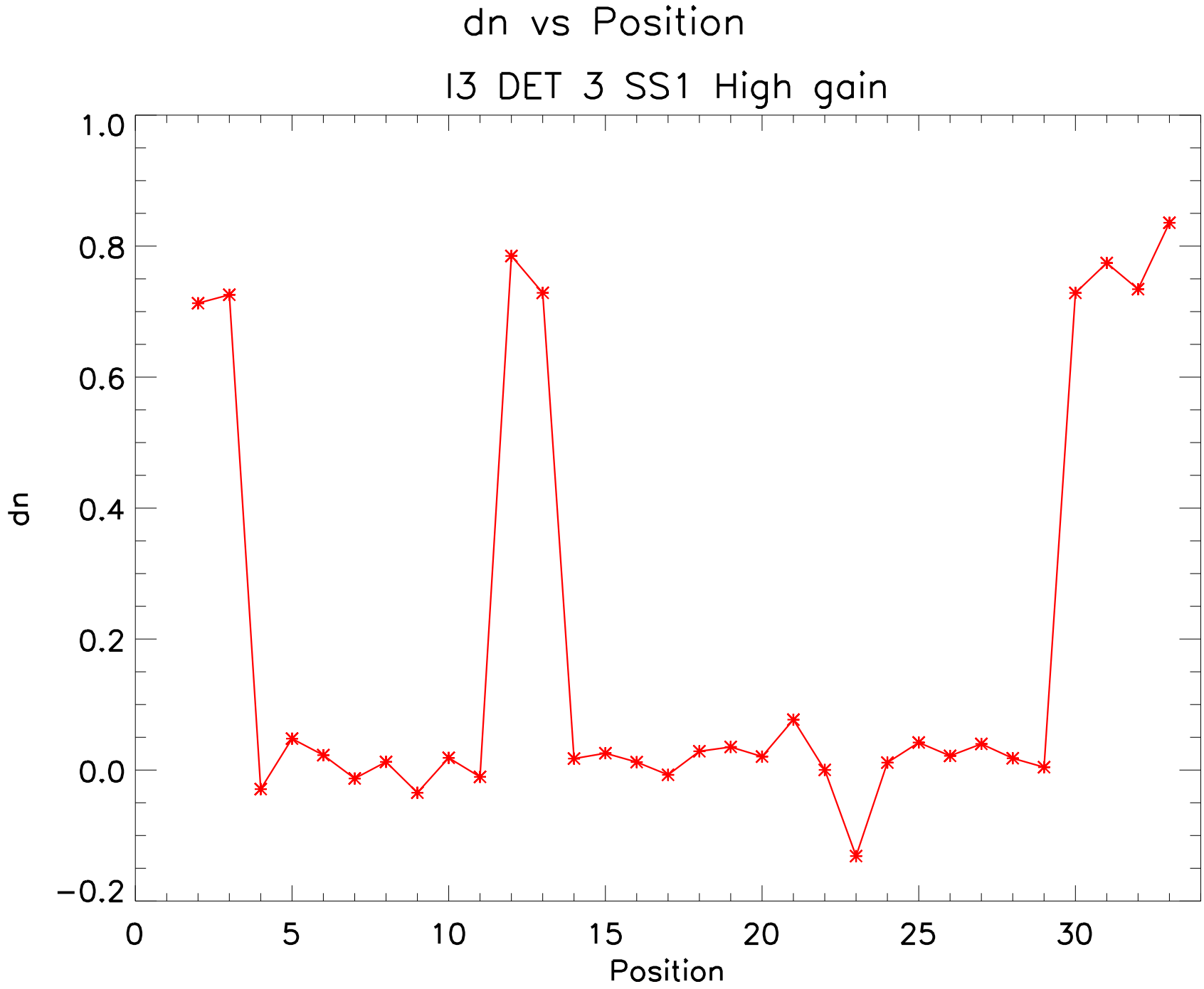

dn vs Position
I2 DET 32 SS2 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

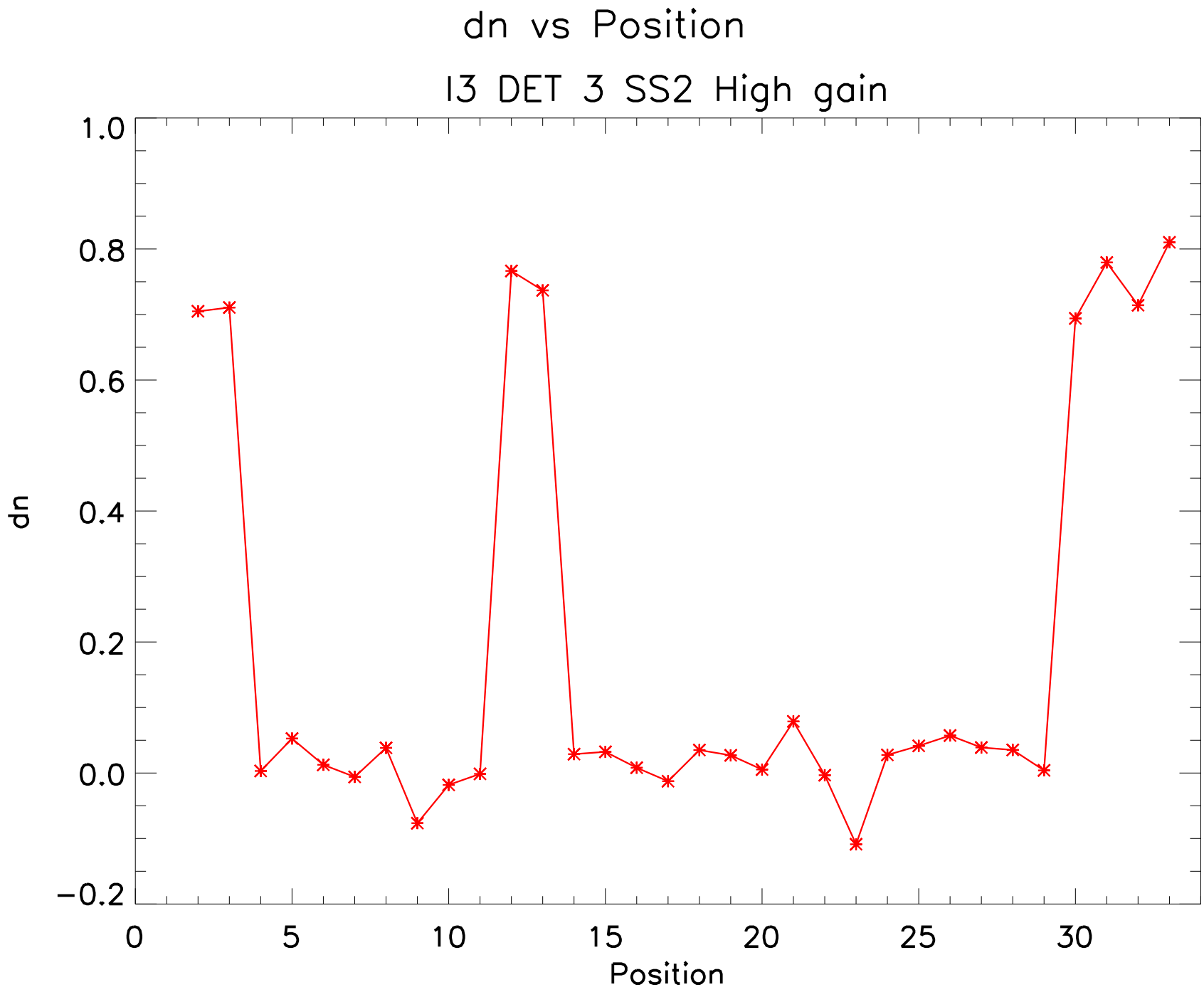

dn vs Position
I3 DET 1 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

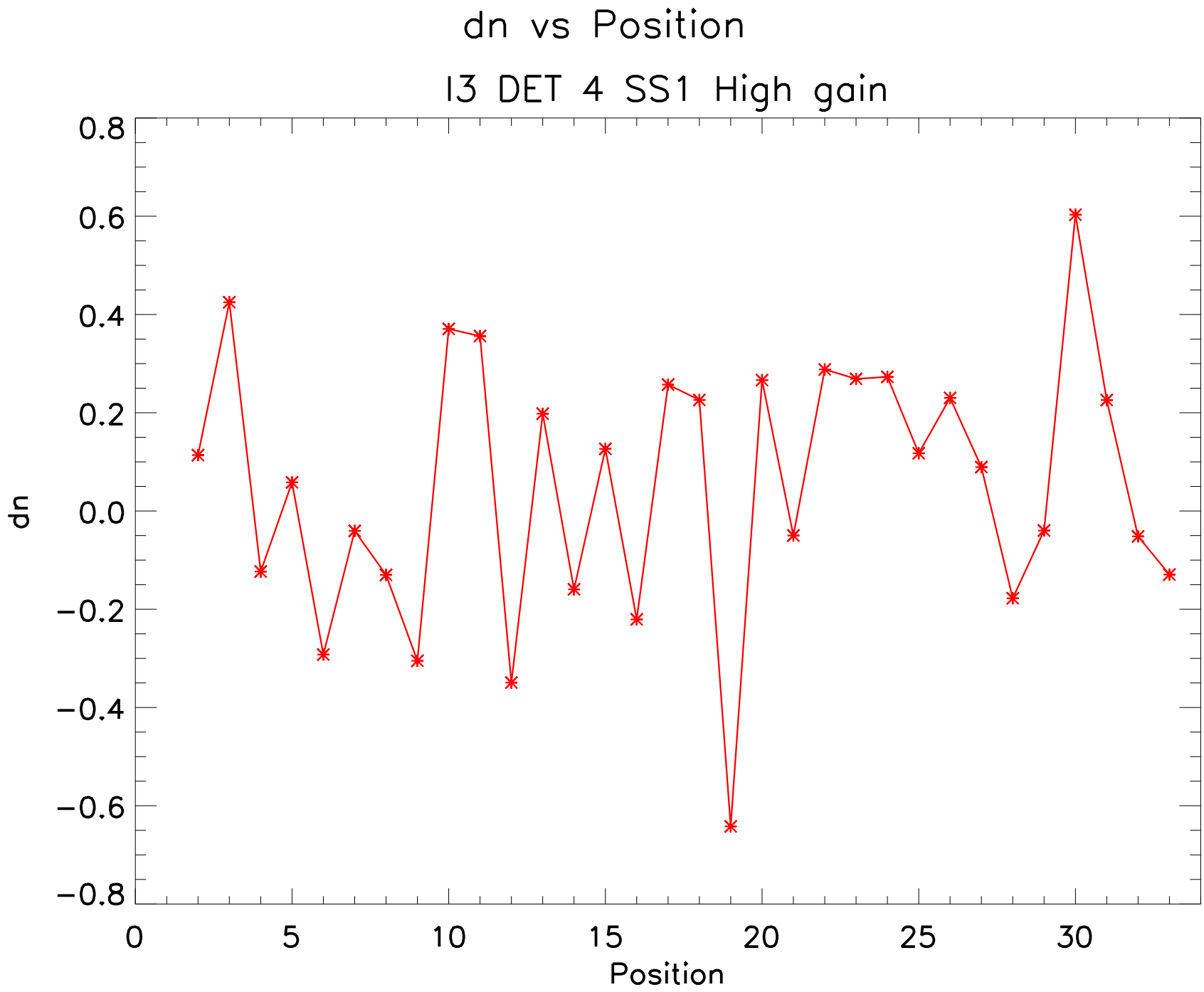

dn vs Position
I3 DET 1 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

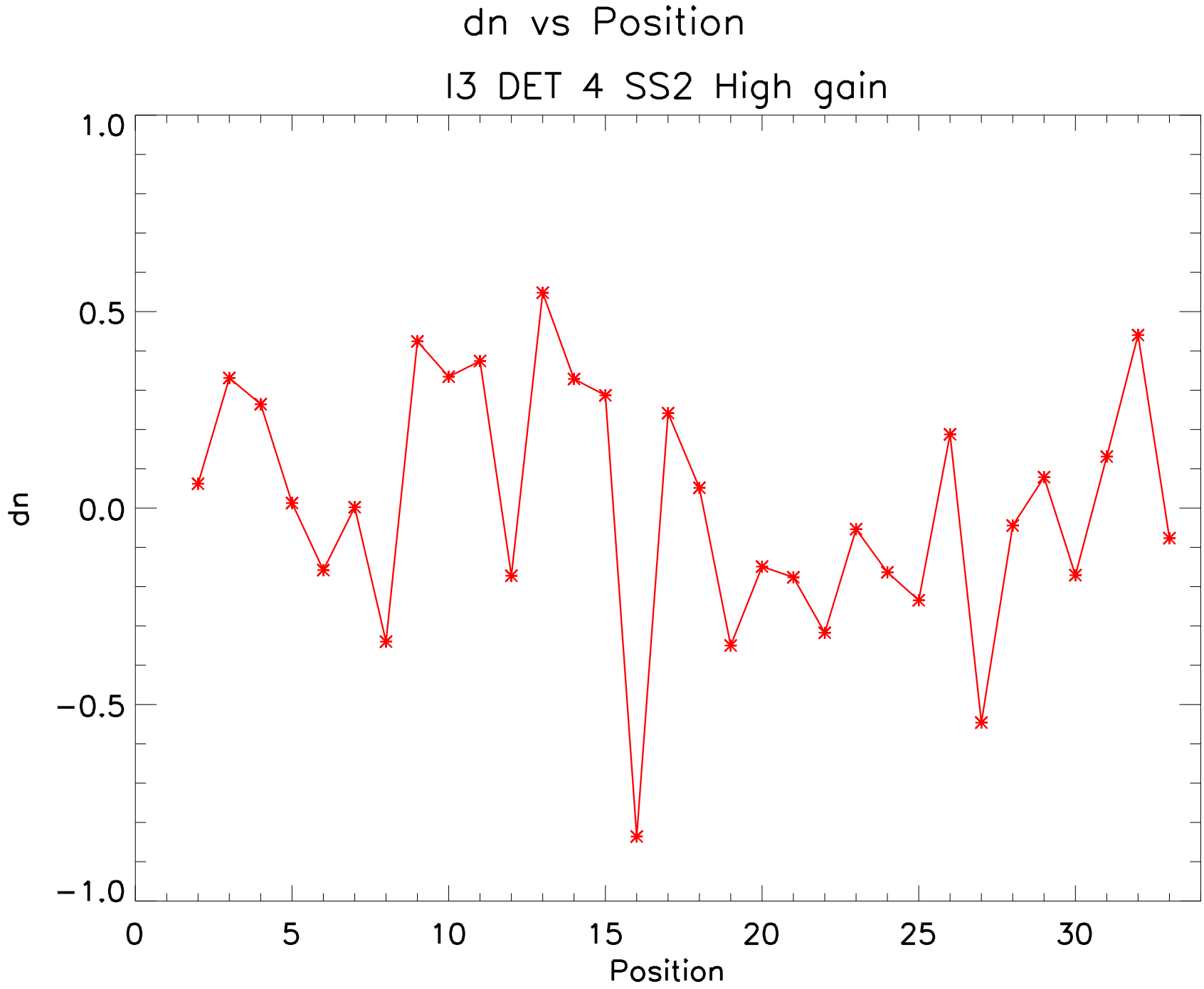

dn vs Position
I3 DET 2 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

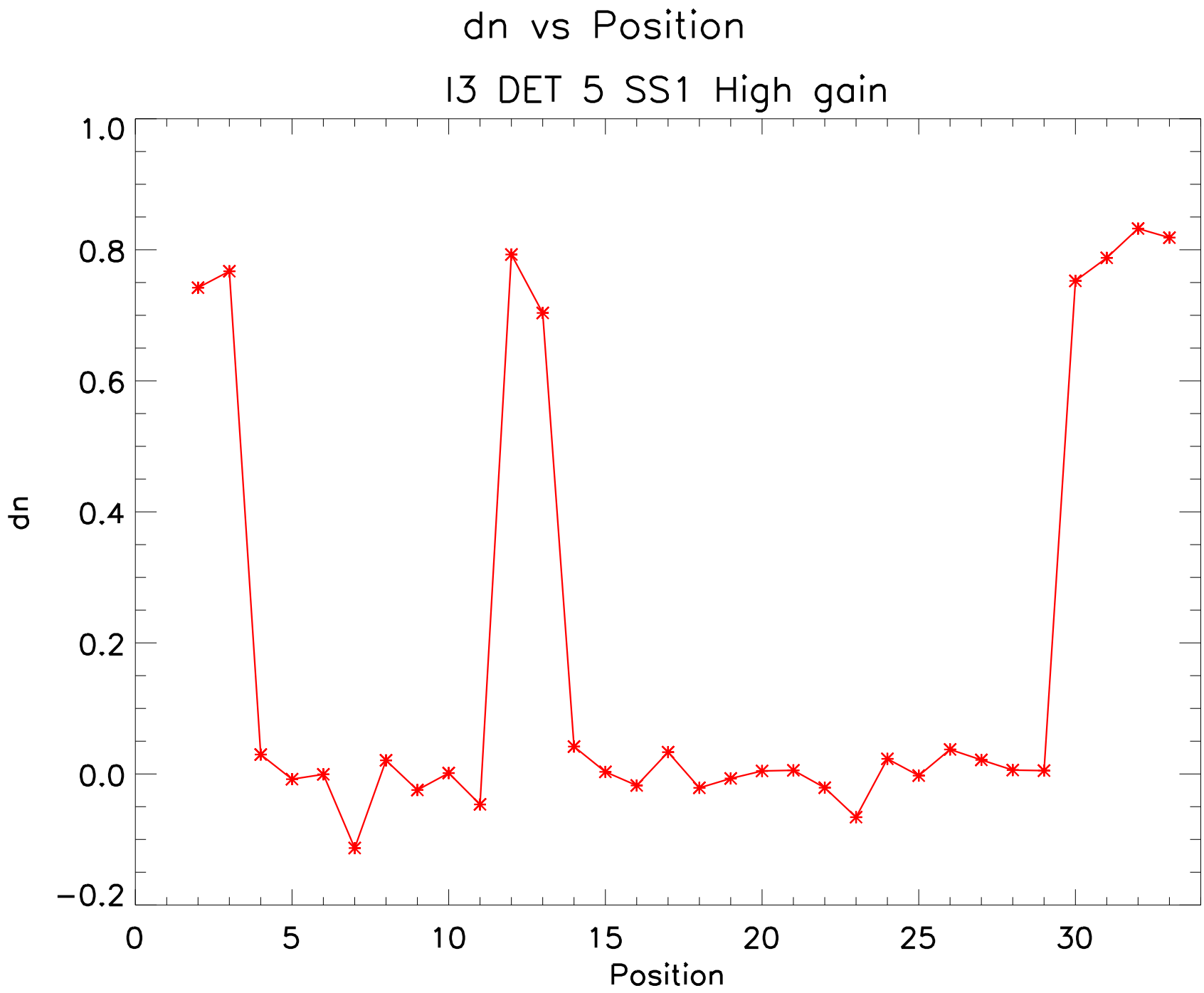

dn vs Position
I3 DET 2 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

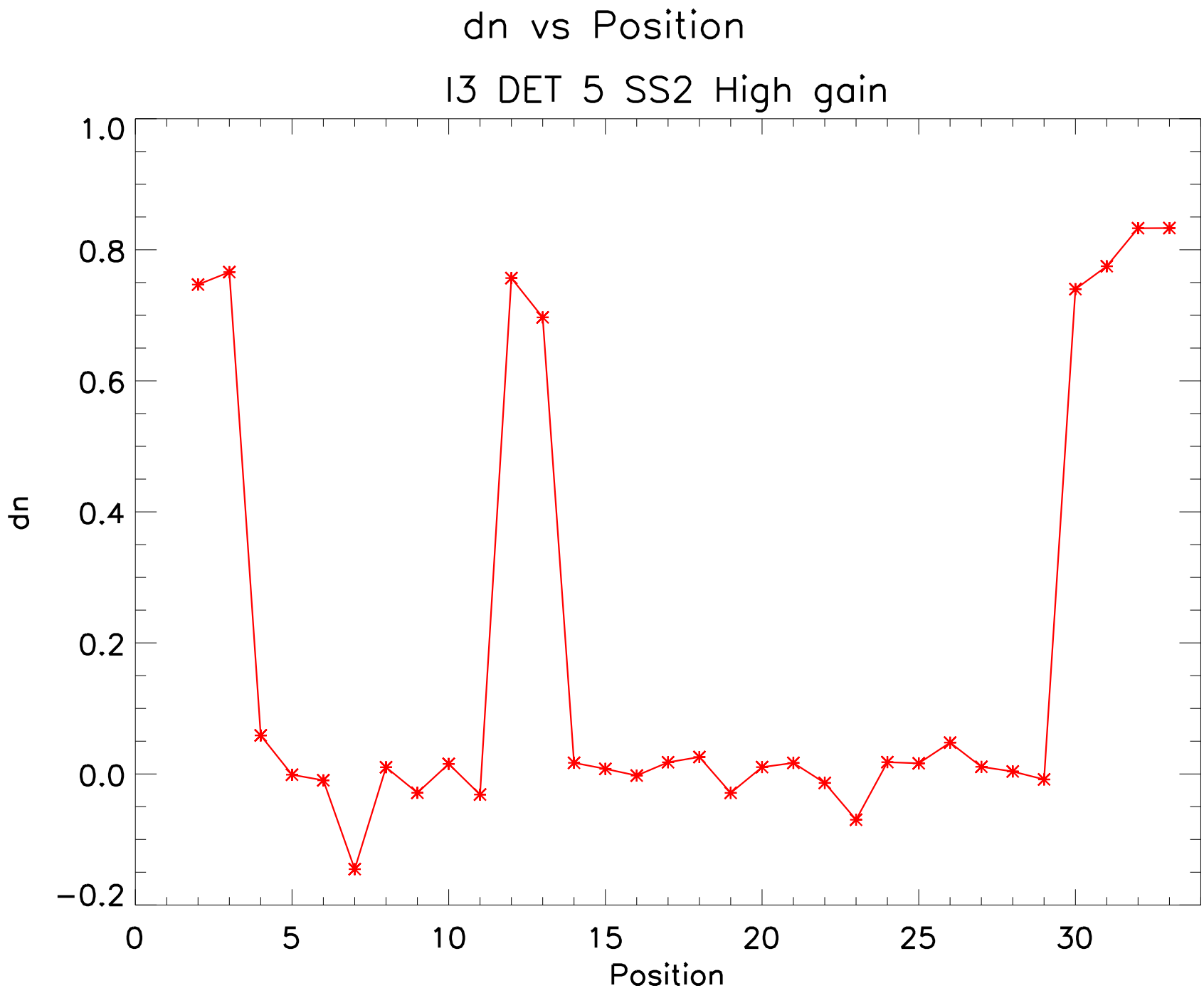

dn vs Position
I3 DET 3 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

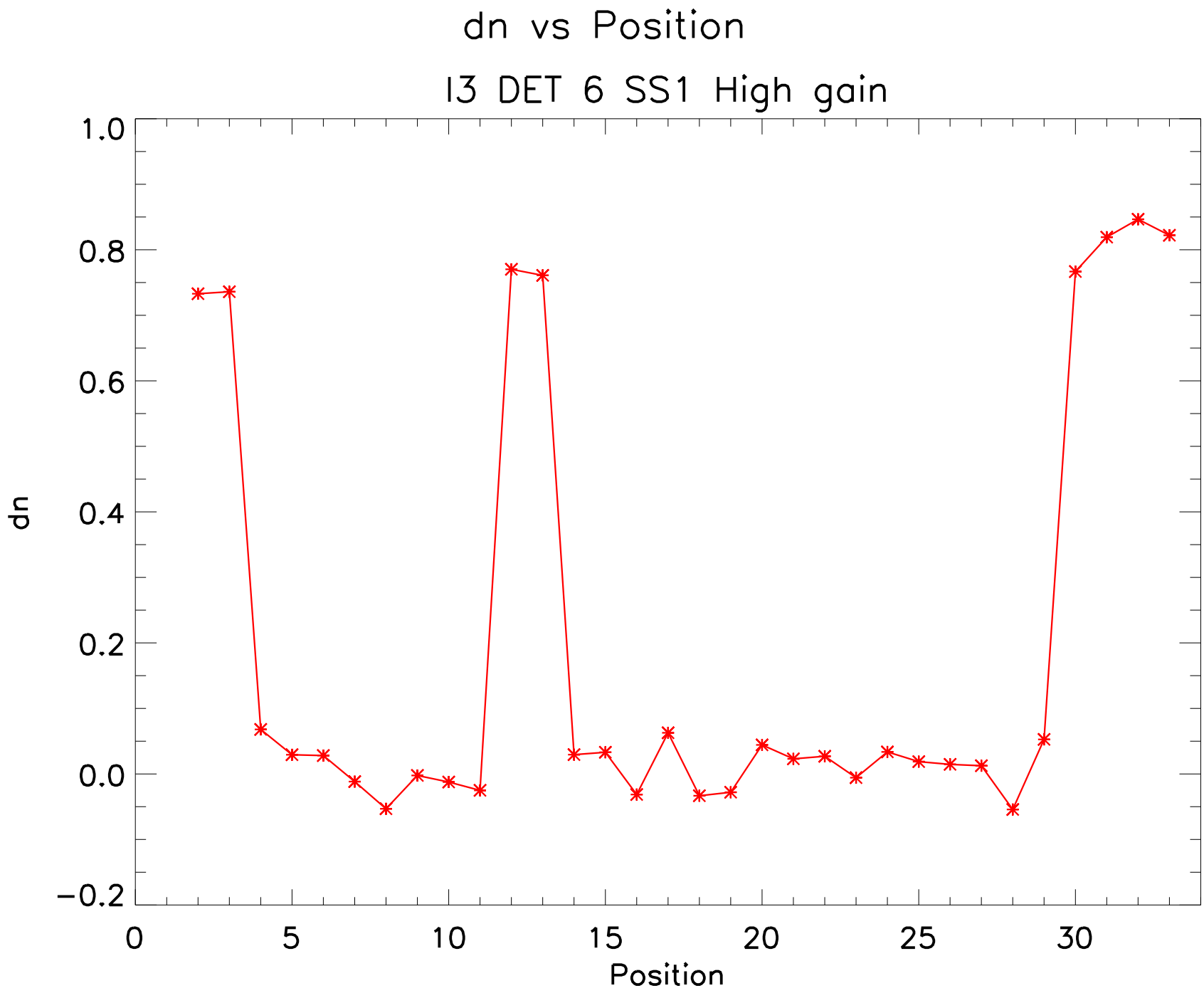

dn vs Position
I3 DET 3 SS2 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

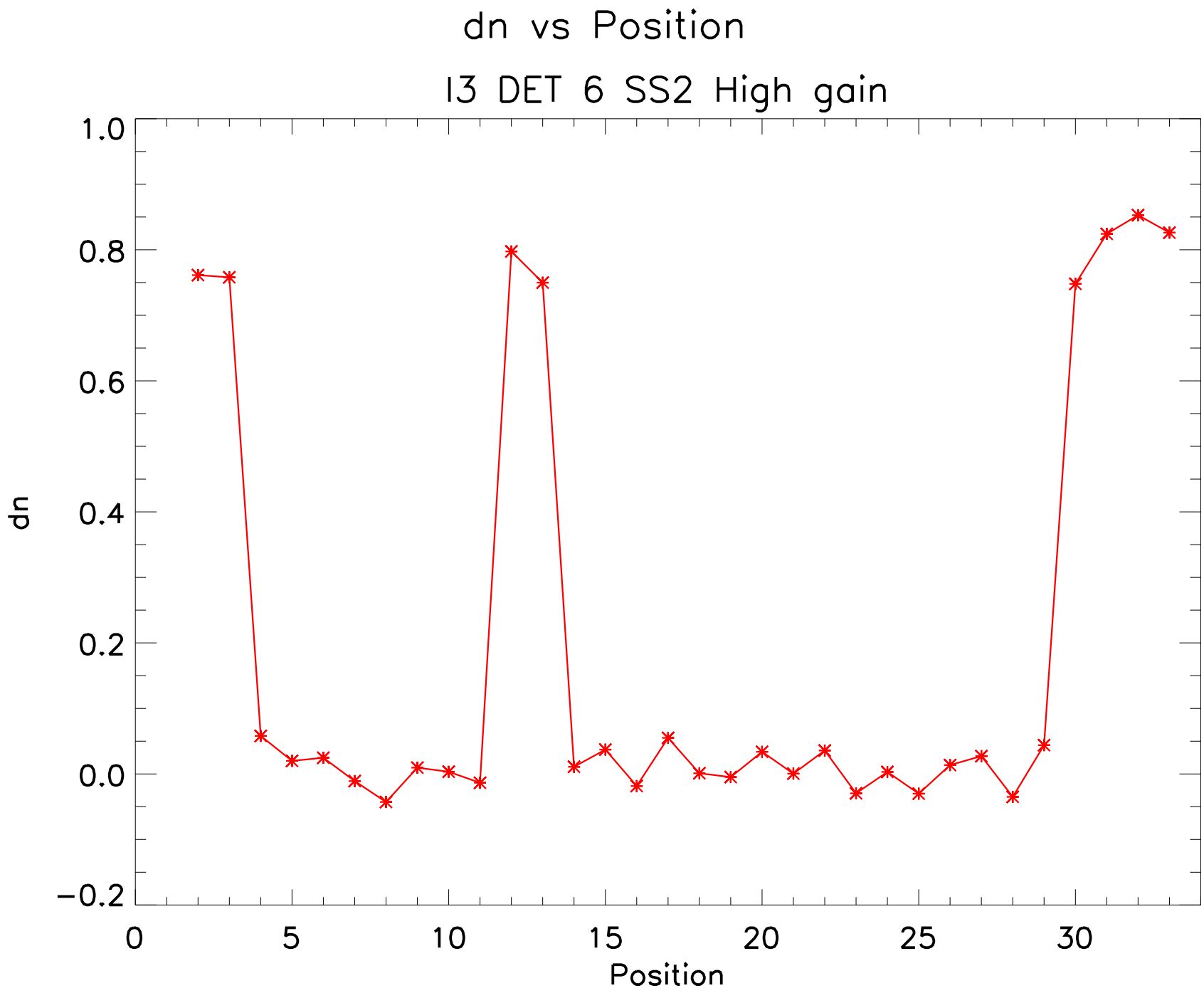

dn vs Position
I3 DET 4 SS1 High gain
dn
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
5
10
15
20
25
30
Position

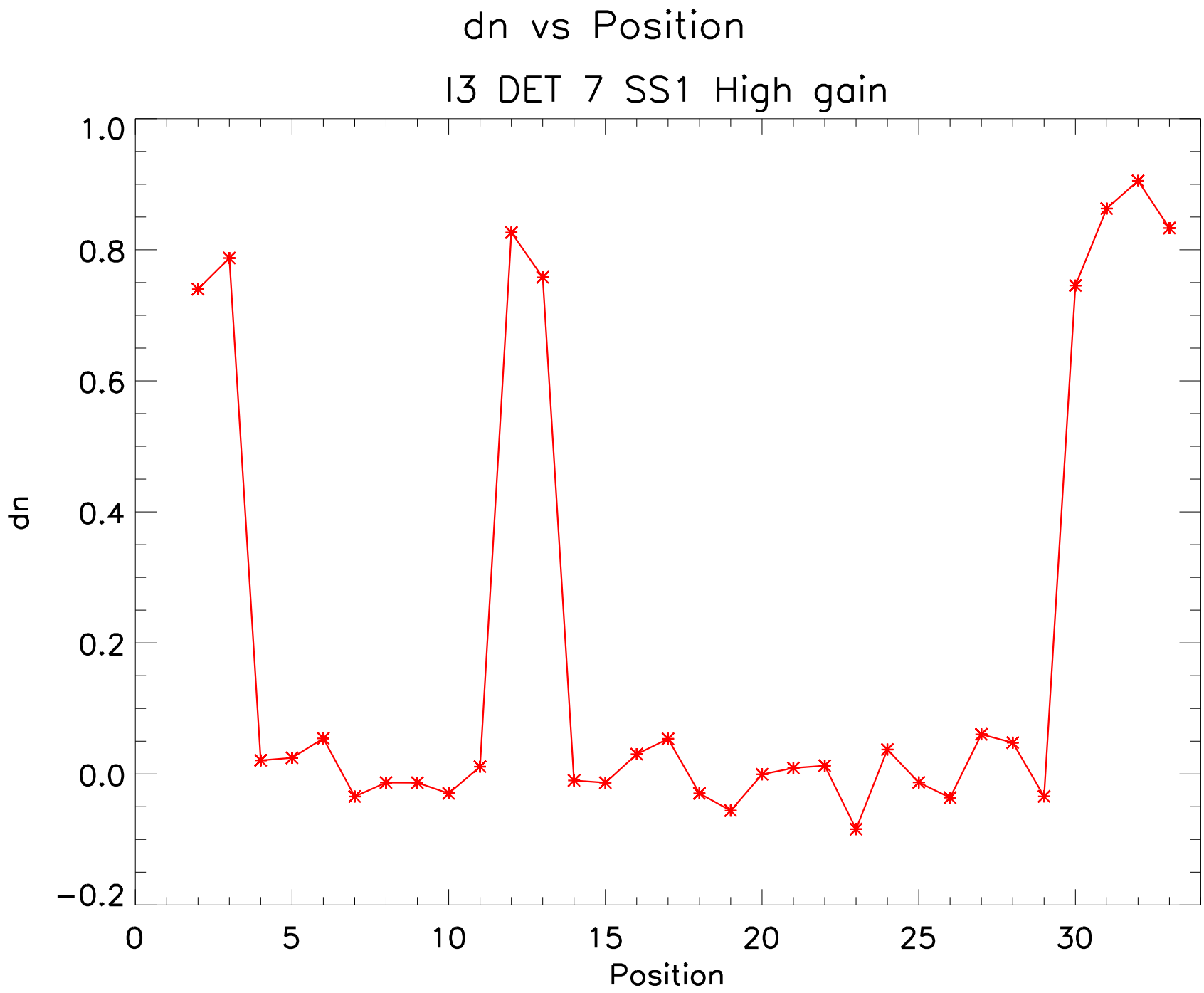

dn vs Position
I3 DET 4 SS2 High gain
dn
1.0
0.5
0.0
−0.5
−1.0
0
5
10
15
20
25
30
Position

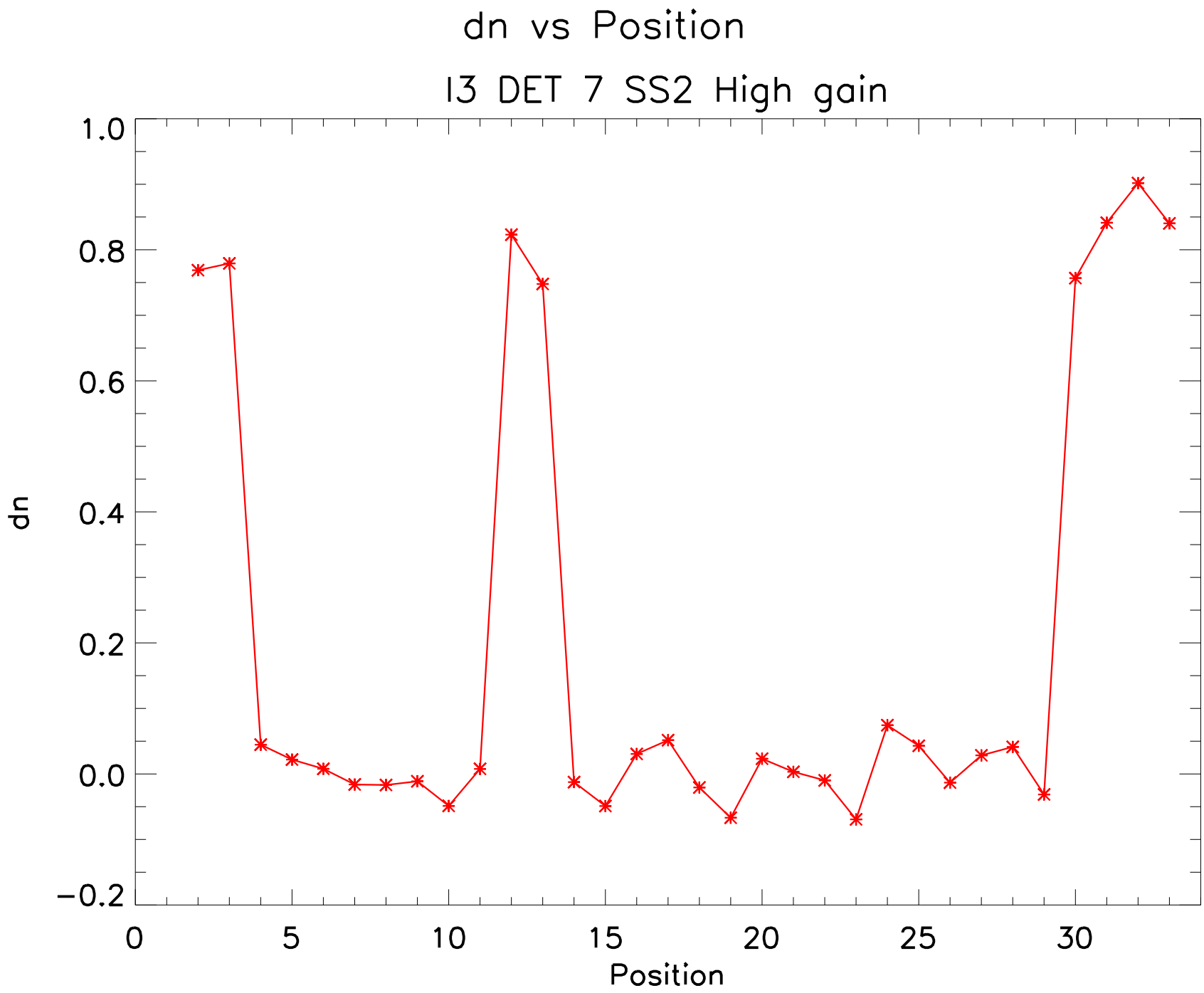

dn vs Position
I3 DET 5 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

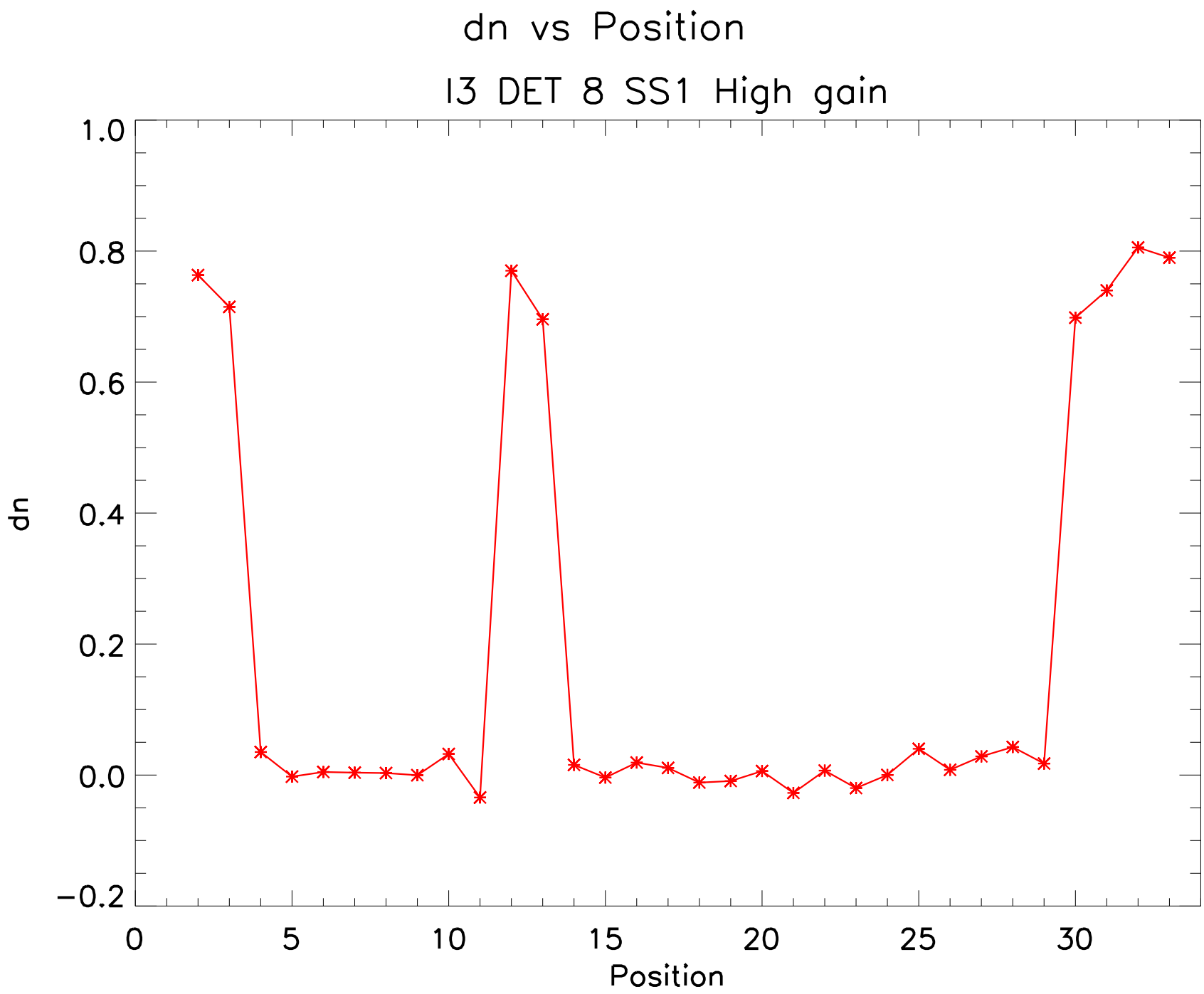

dn vs Position
I3 DET 5 SS2 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

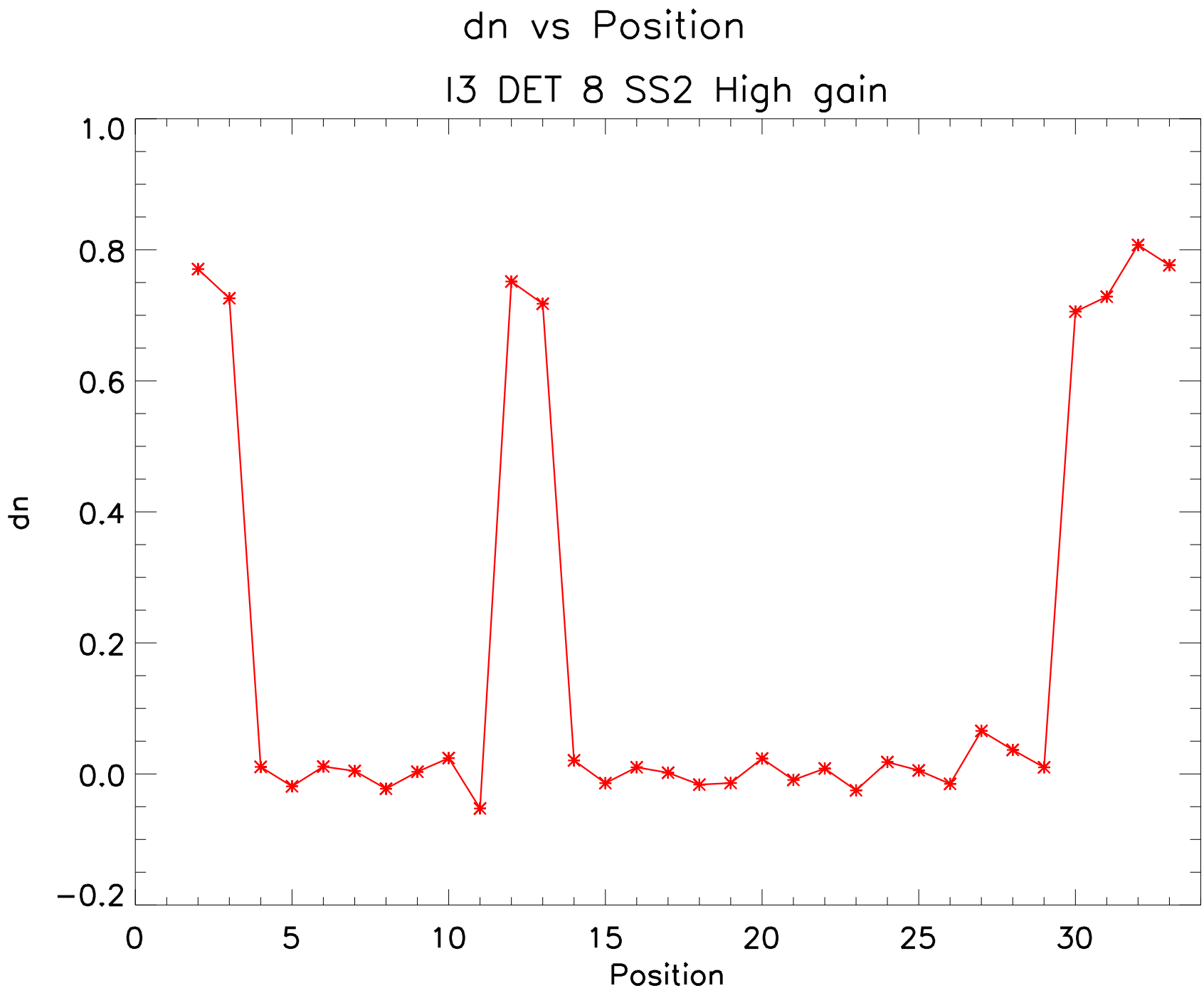

dn vs Position
I3 DET 6 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

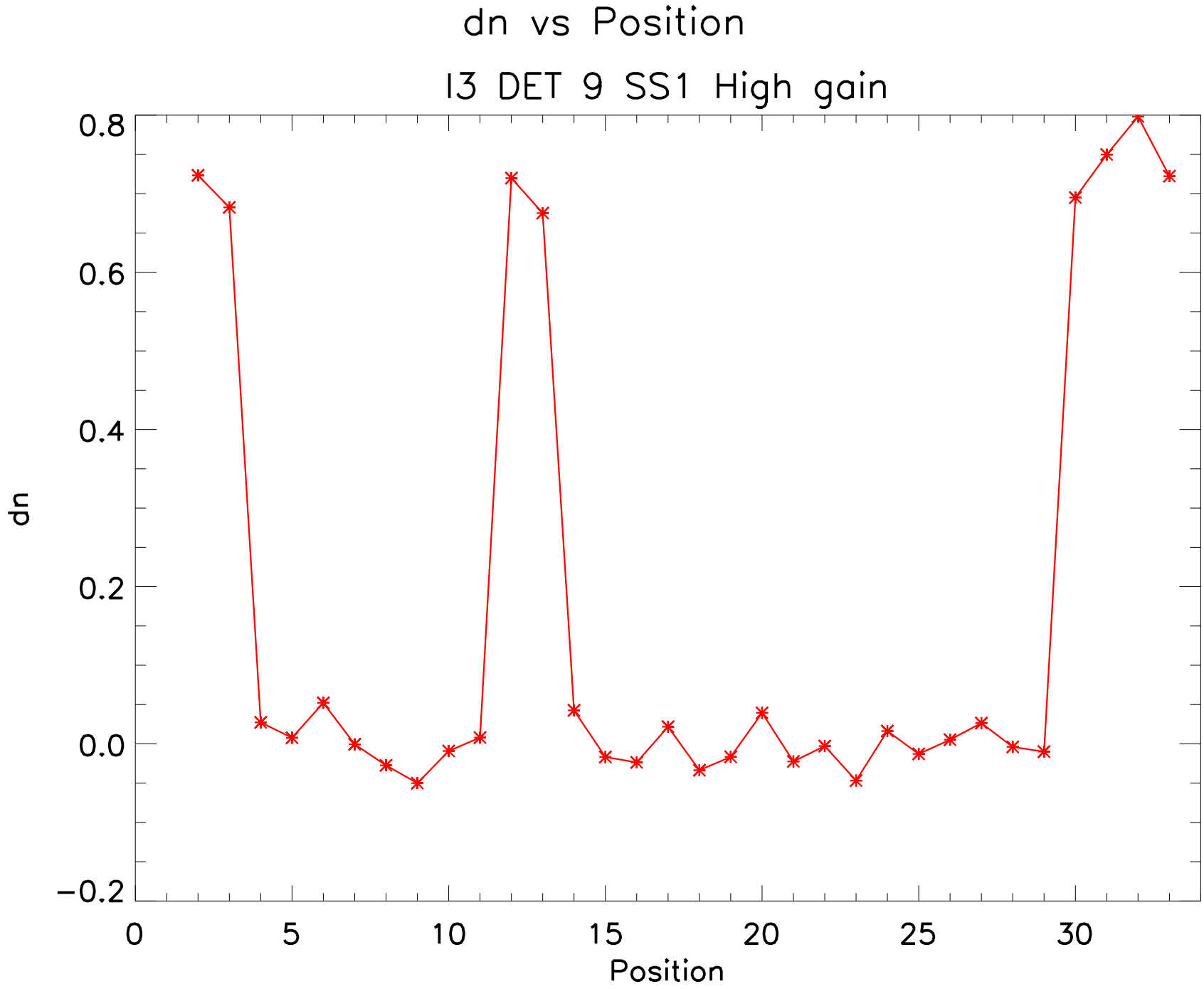

dn vs Position
I3 DET 6 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

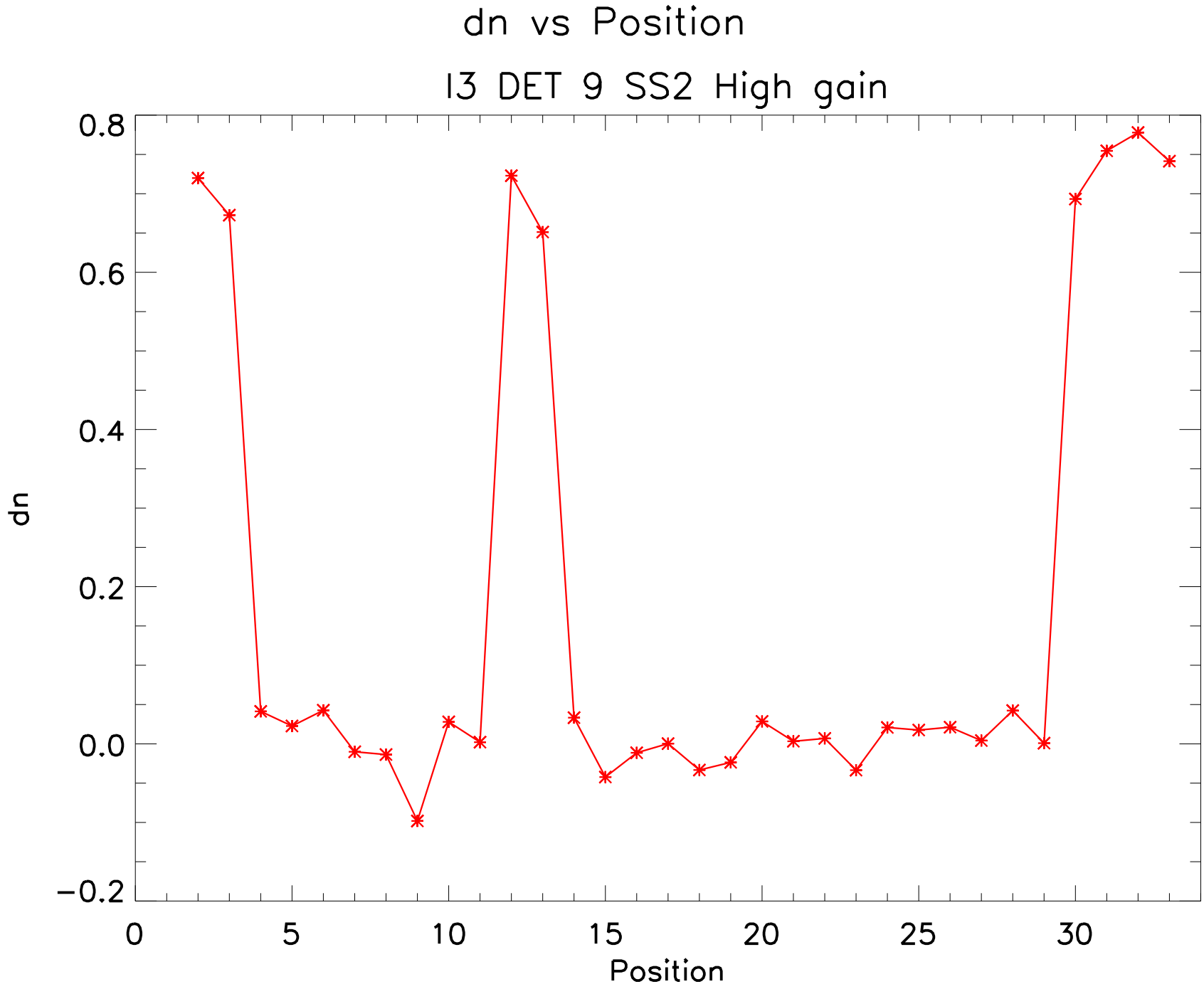

dn vs Position
I3 DET 7 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

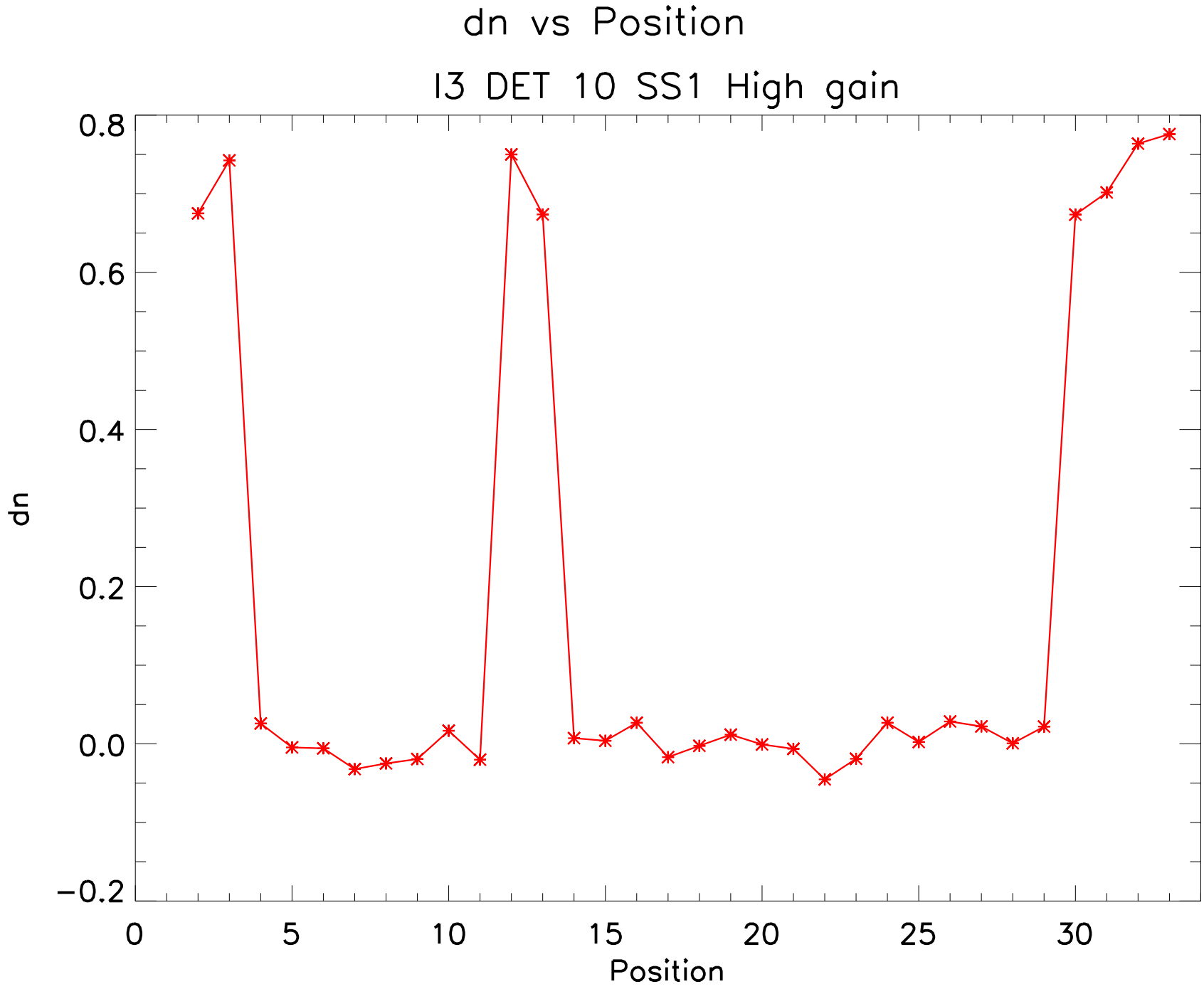

dn vs Position
I3 DET 7 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

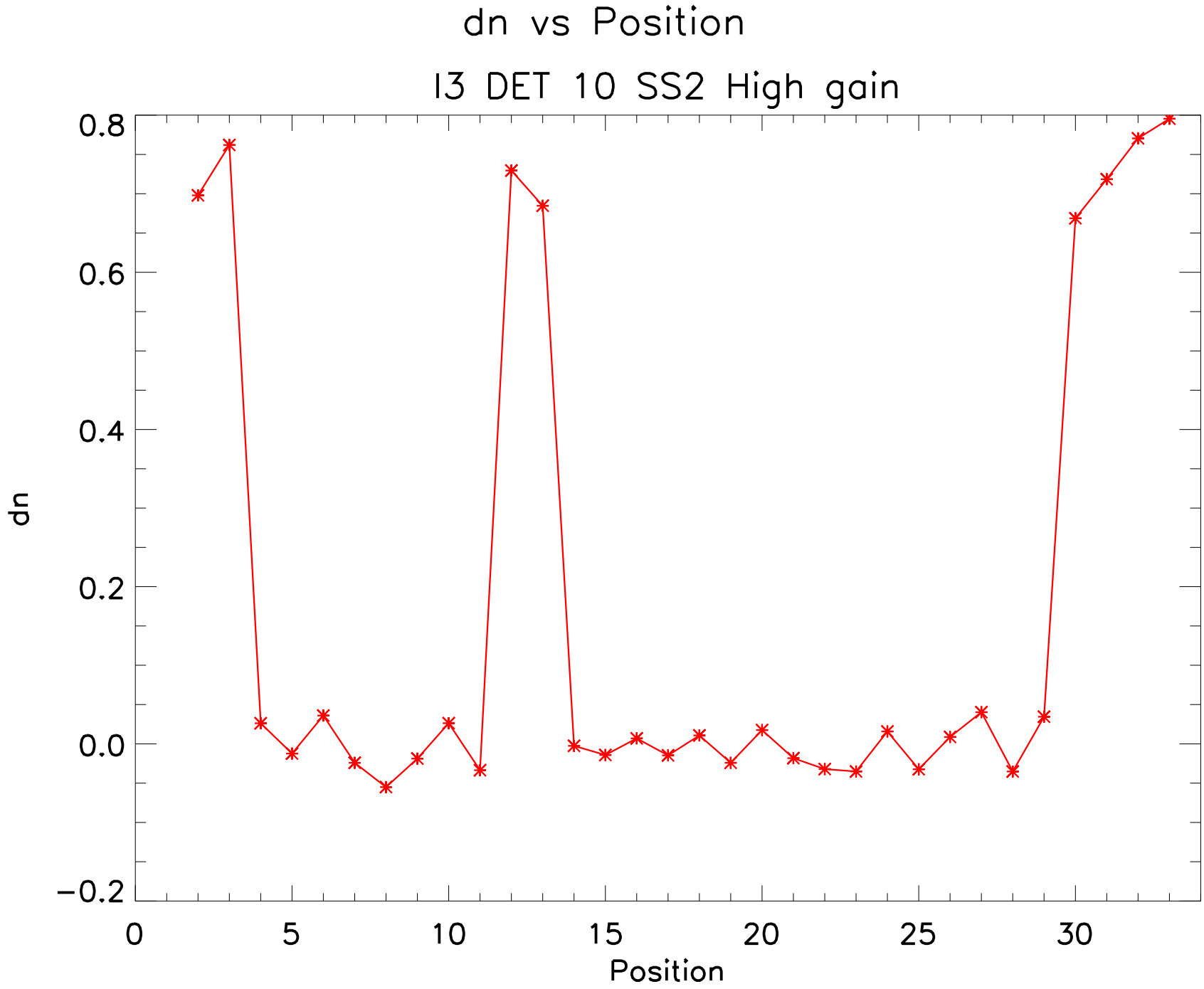

dn vs Position
I3 DET 8 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

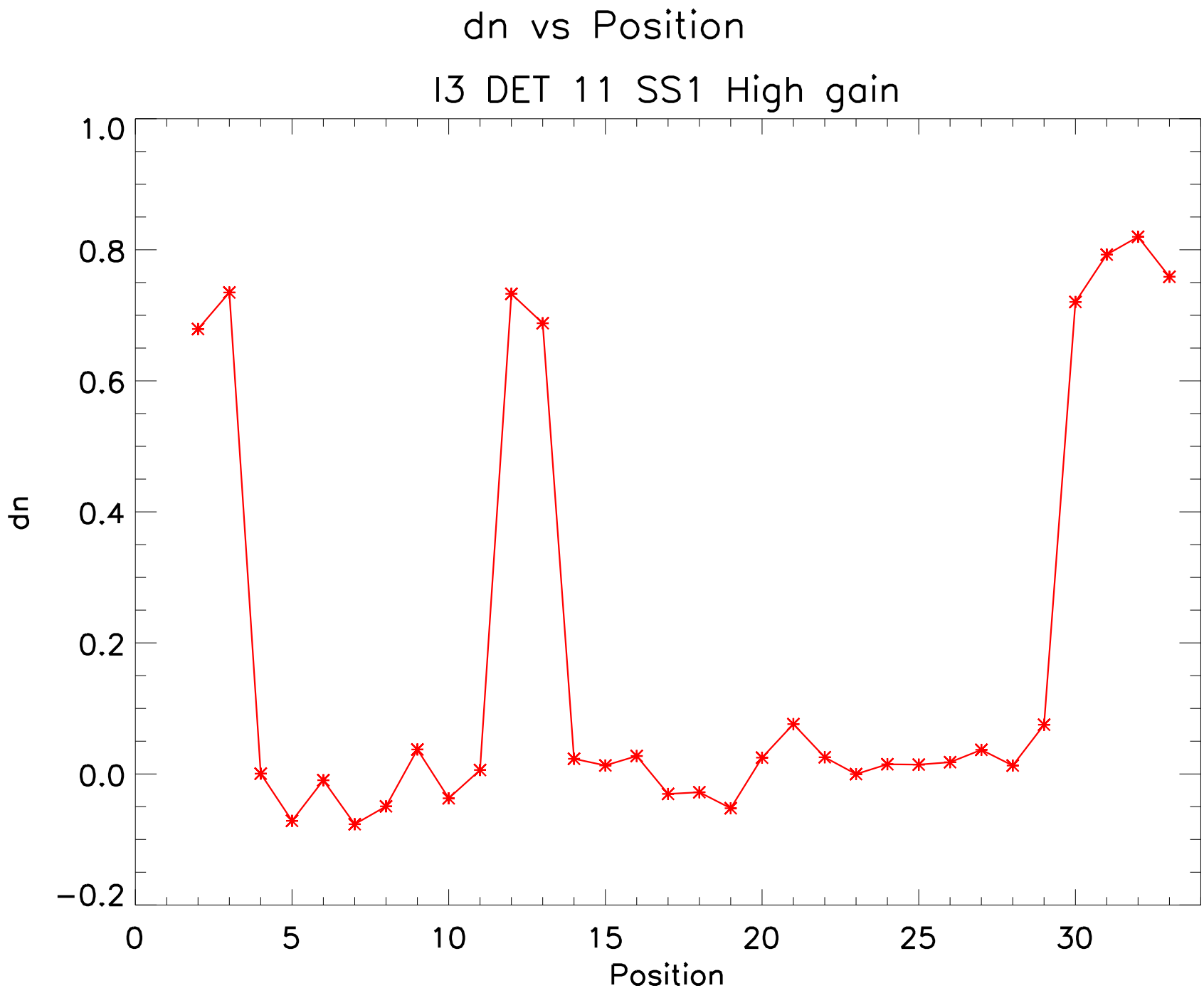

dn vs Position
I3 DET 8 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

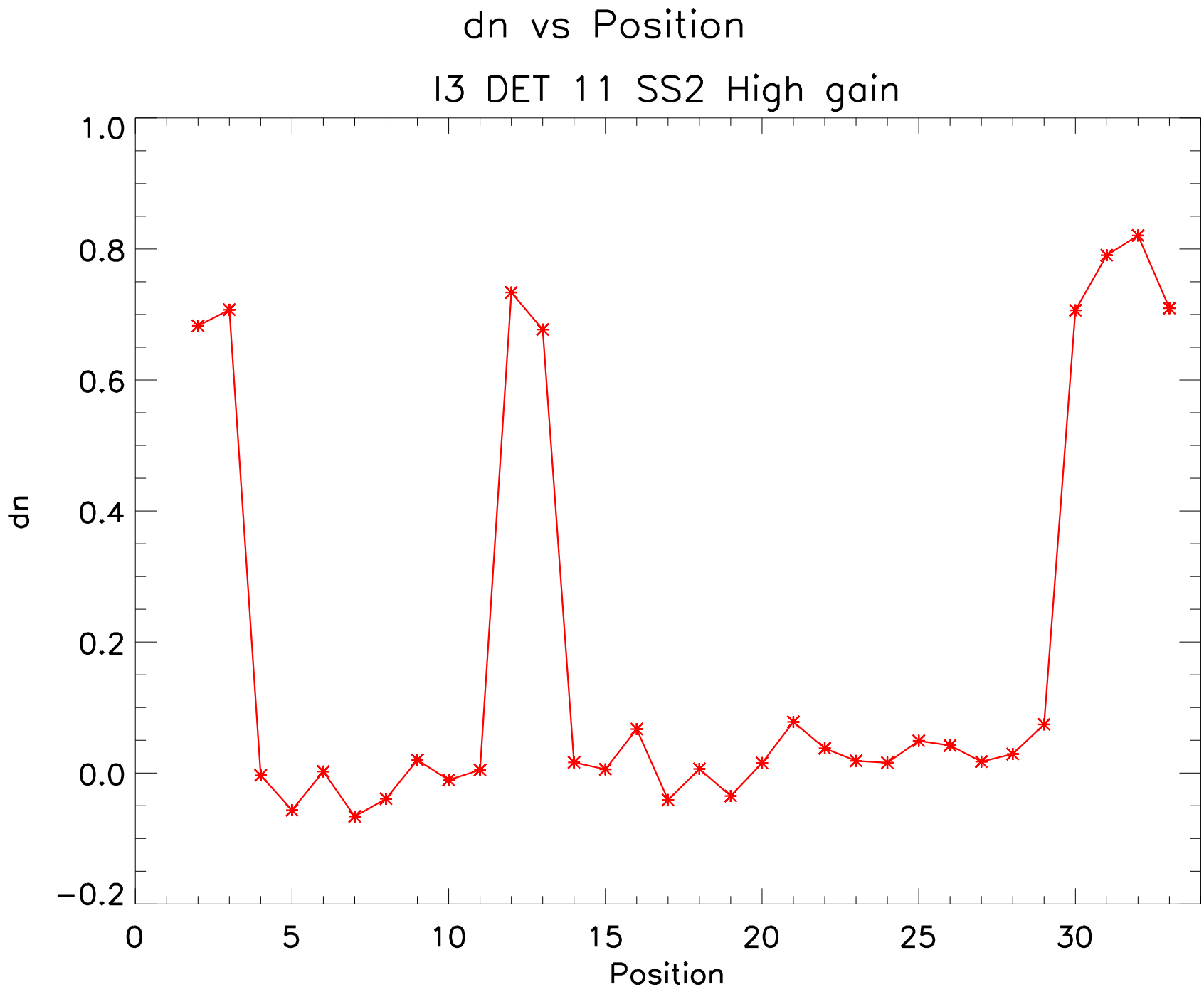

dn vs Position
I3 DET 9 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

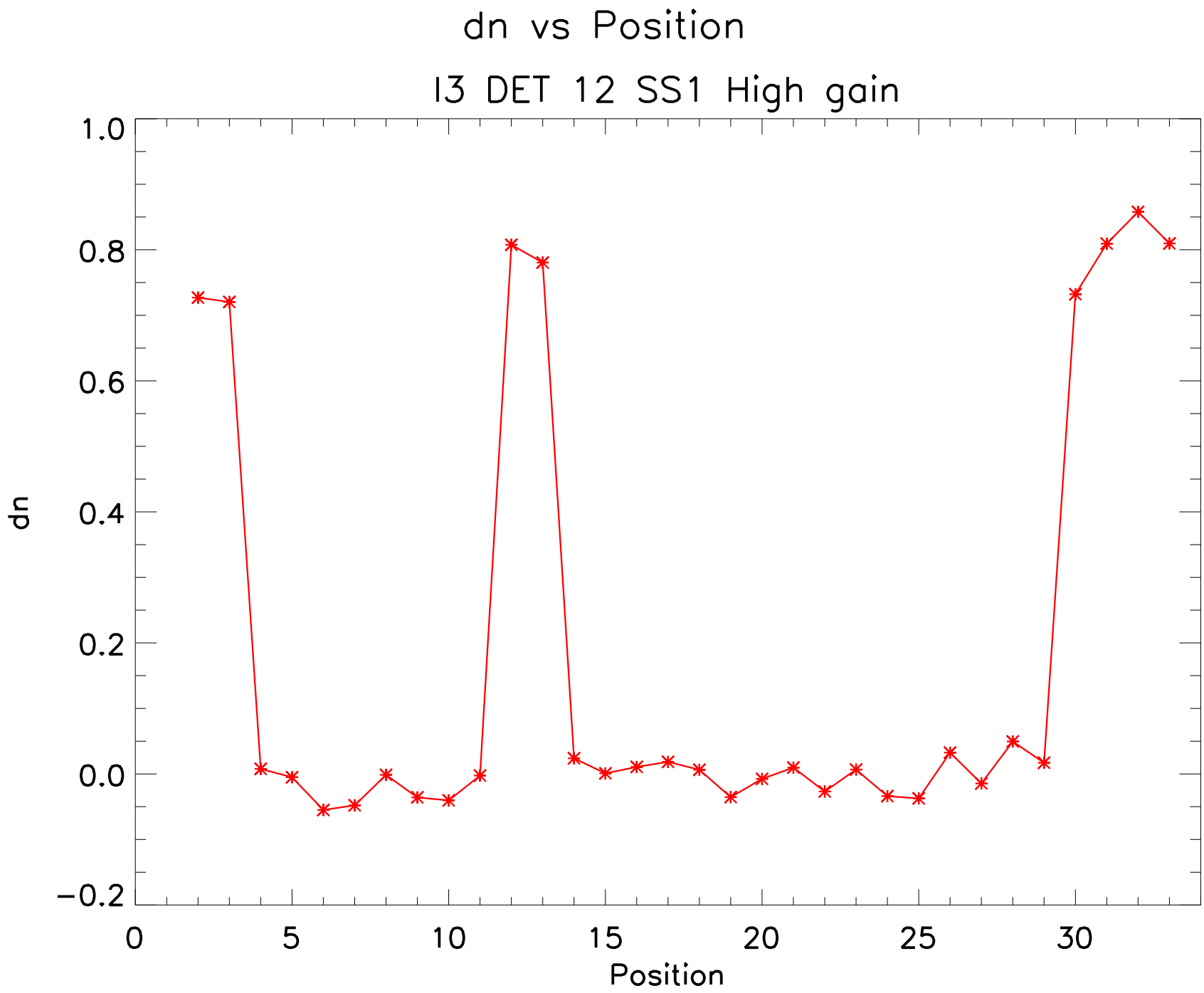

dn vs Position
I3 DET 9 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

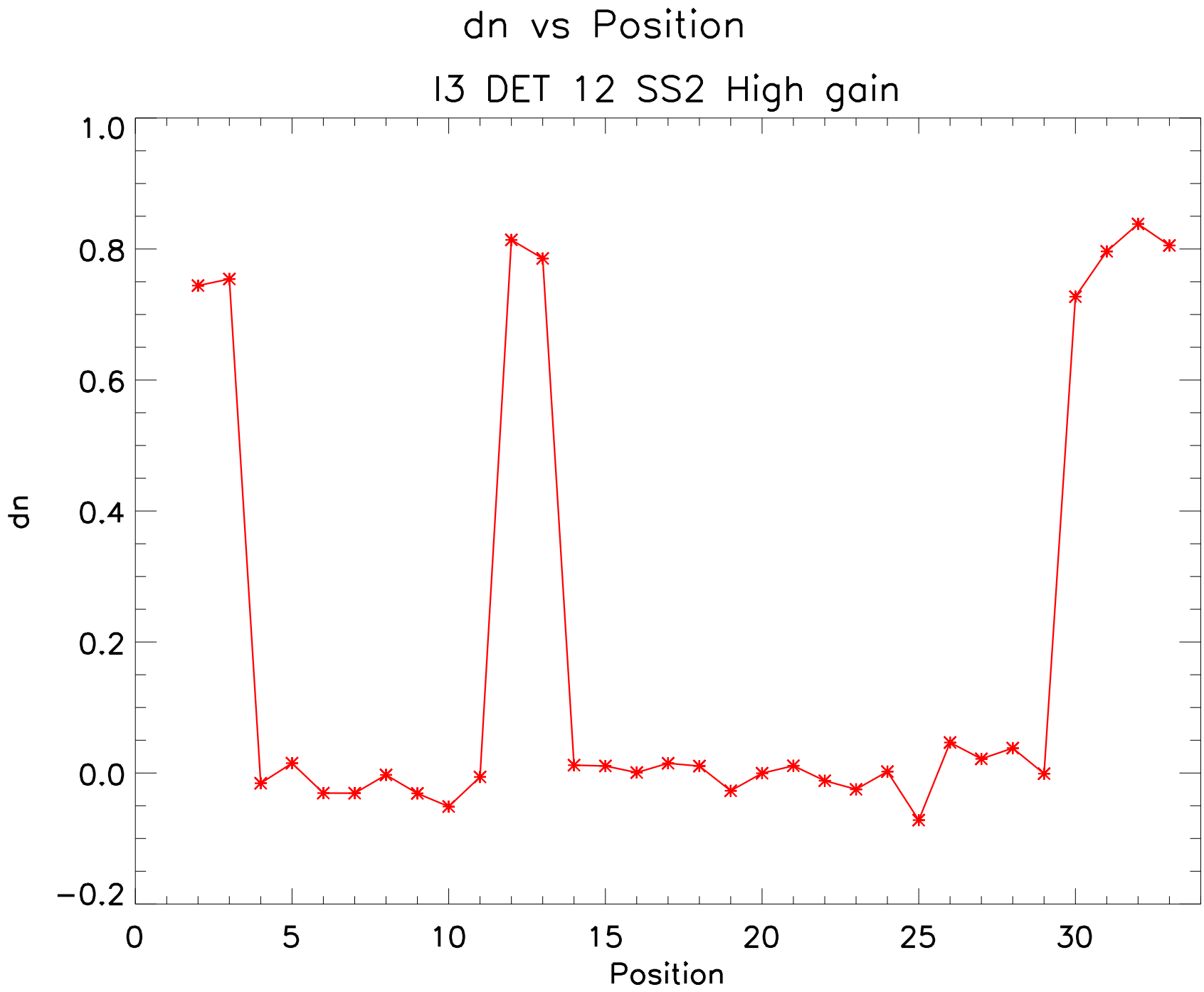

dn vs Position
I3 DET 10 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

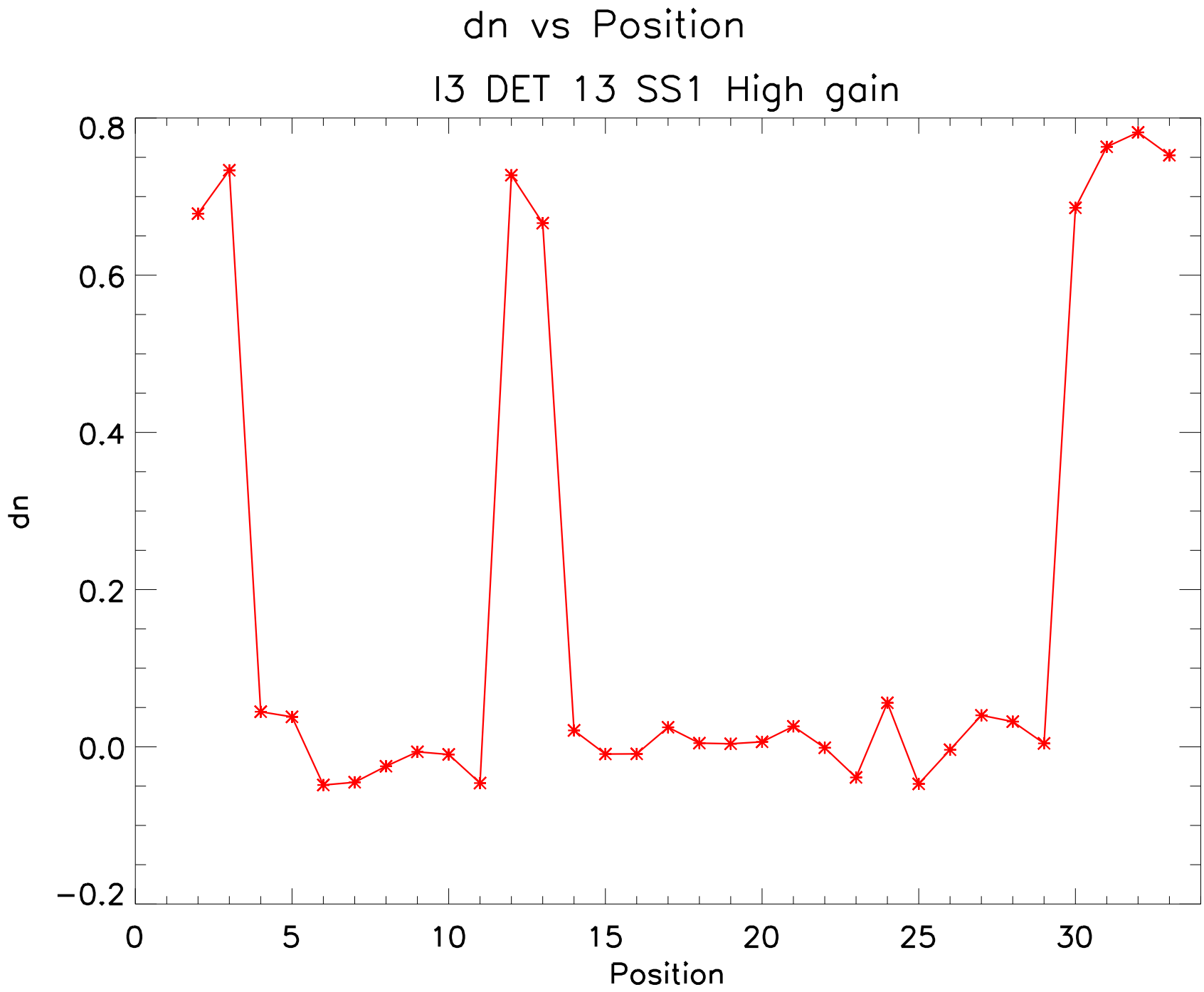

dn vs Position
I3 DET 10 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

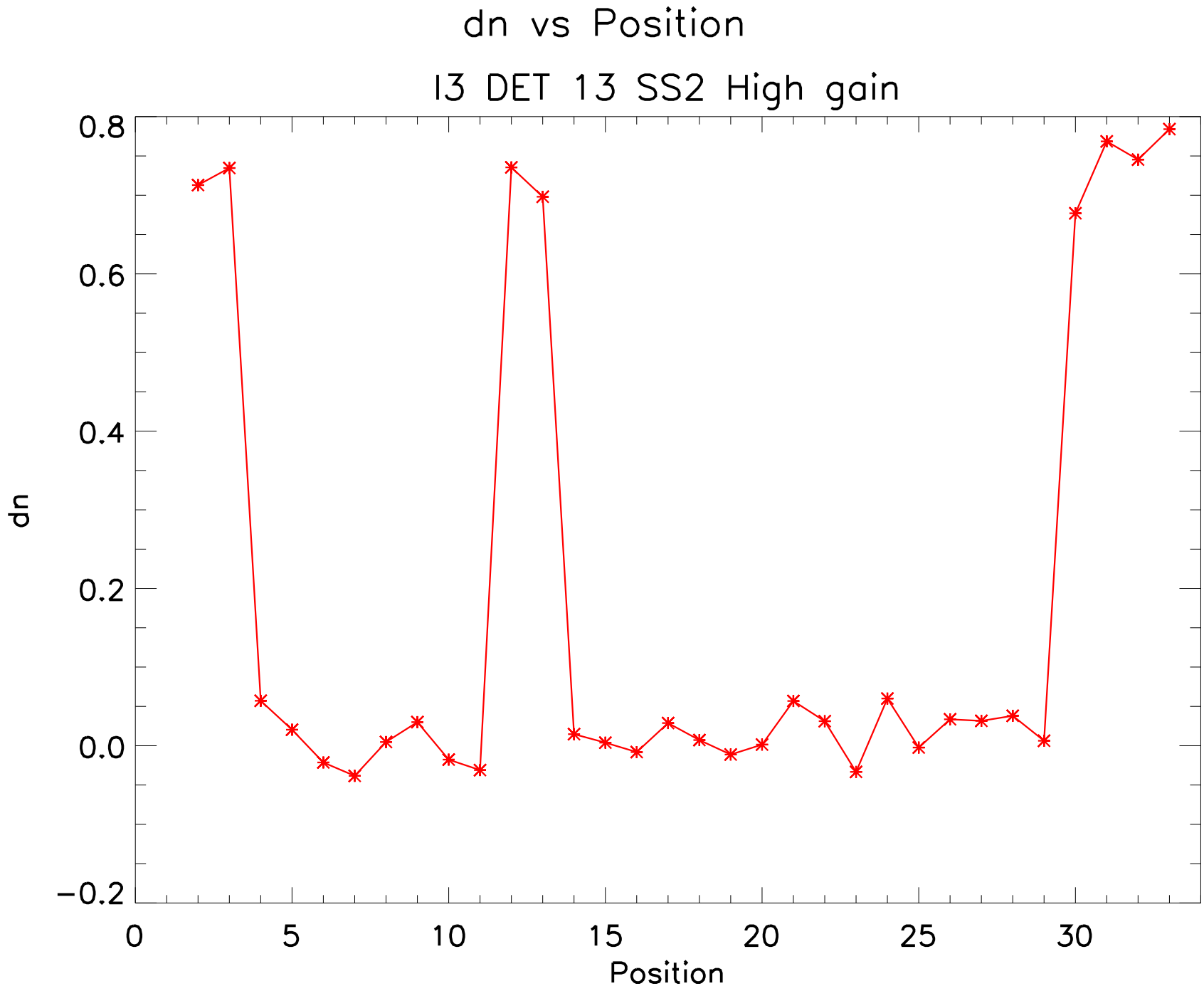

dn vs Position
I3 DET 11 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

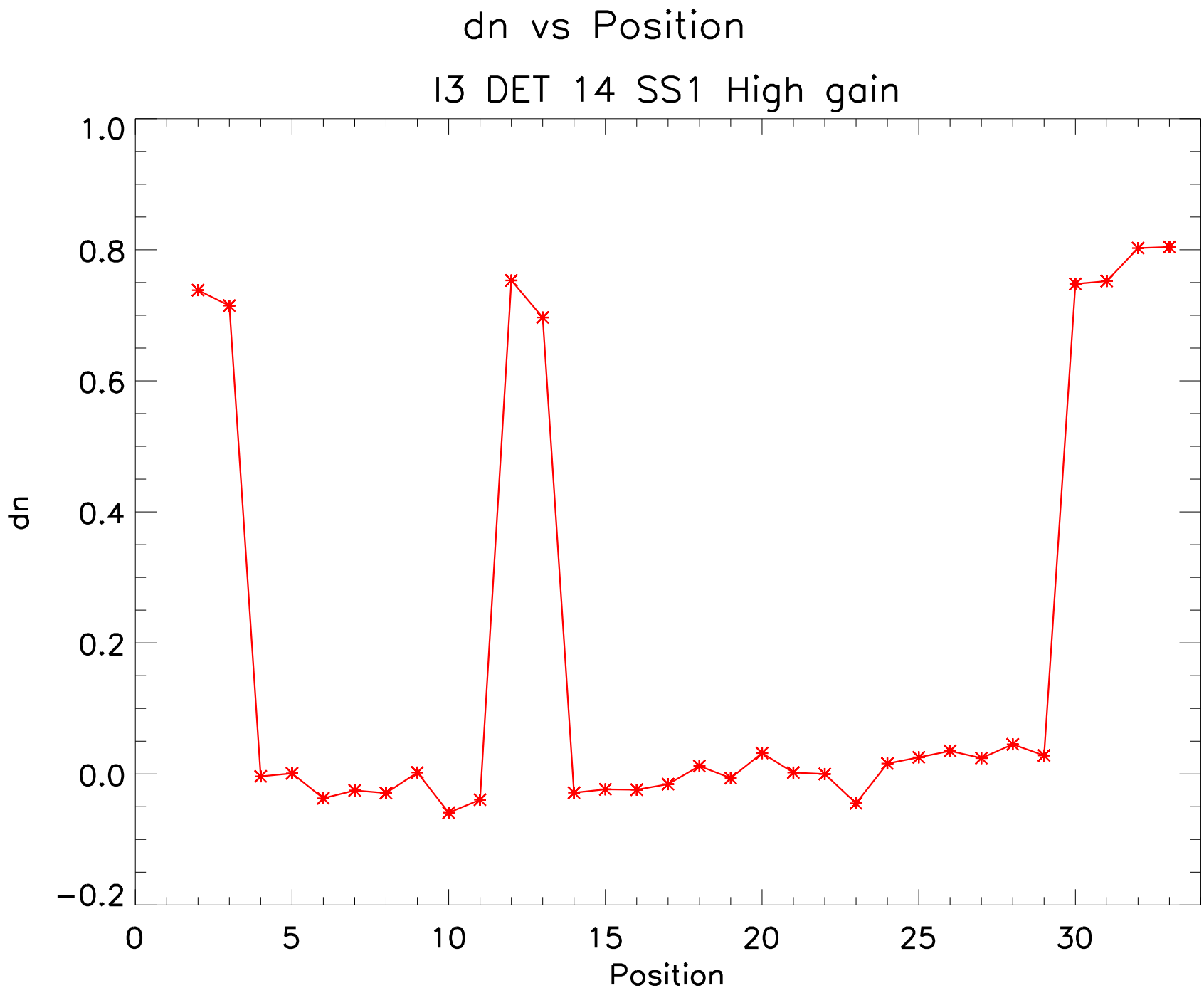

dn vs Position
I3 DET 11 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

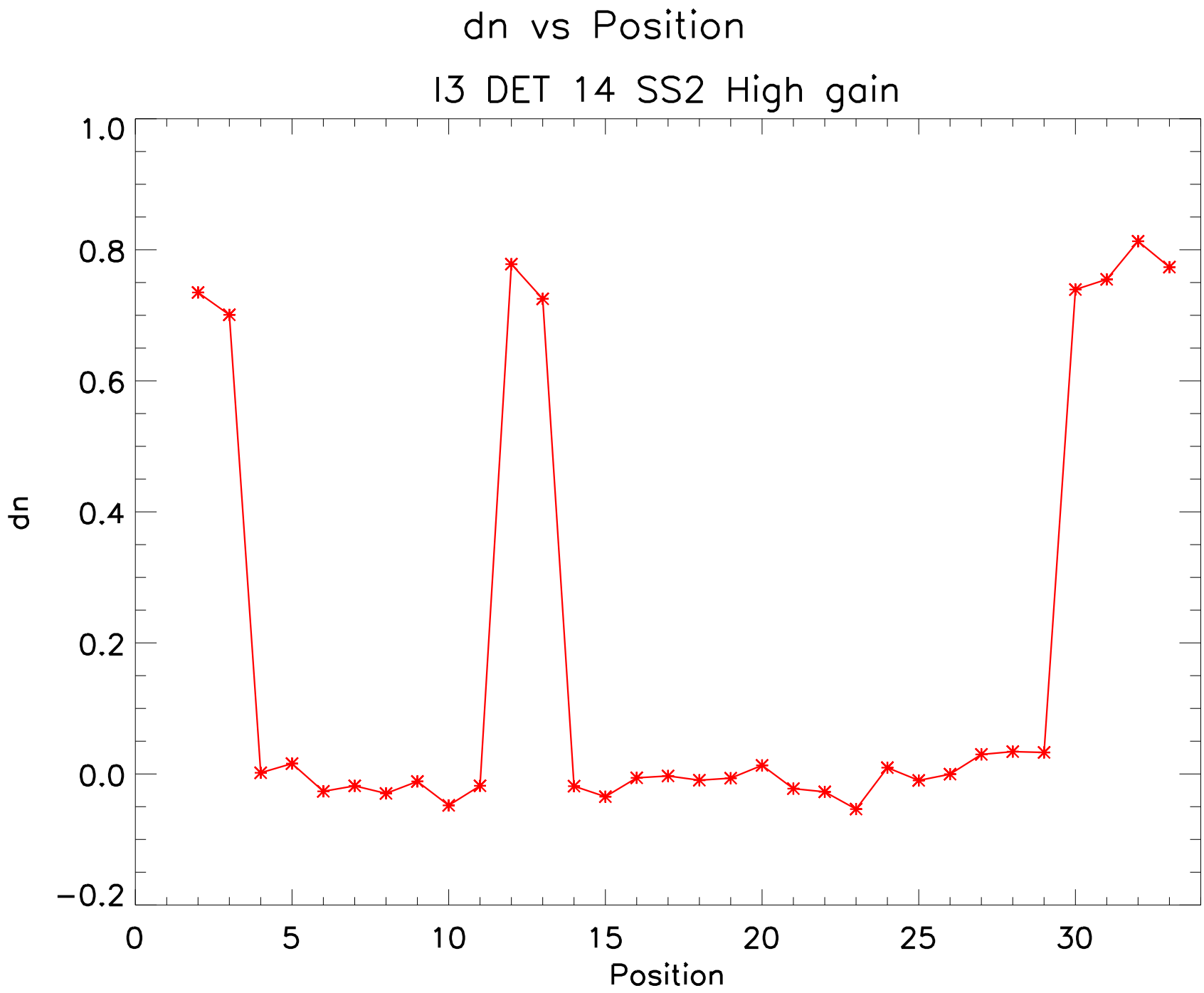

dn vs Position
I3 DET 12 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

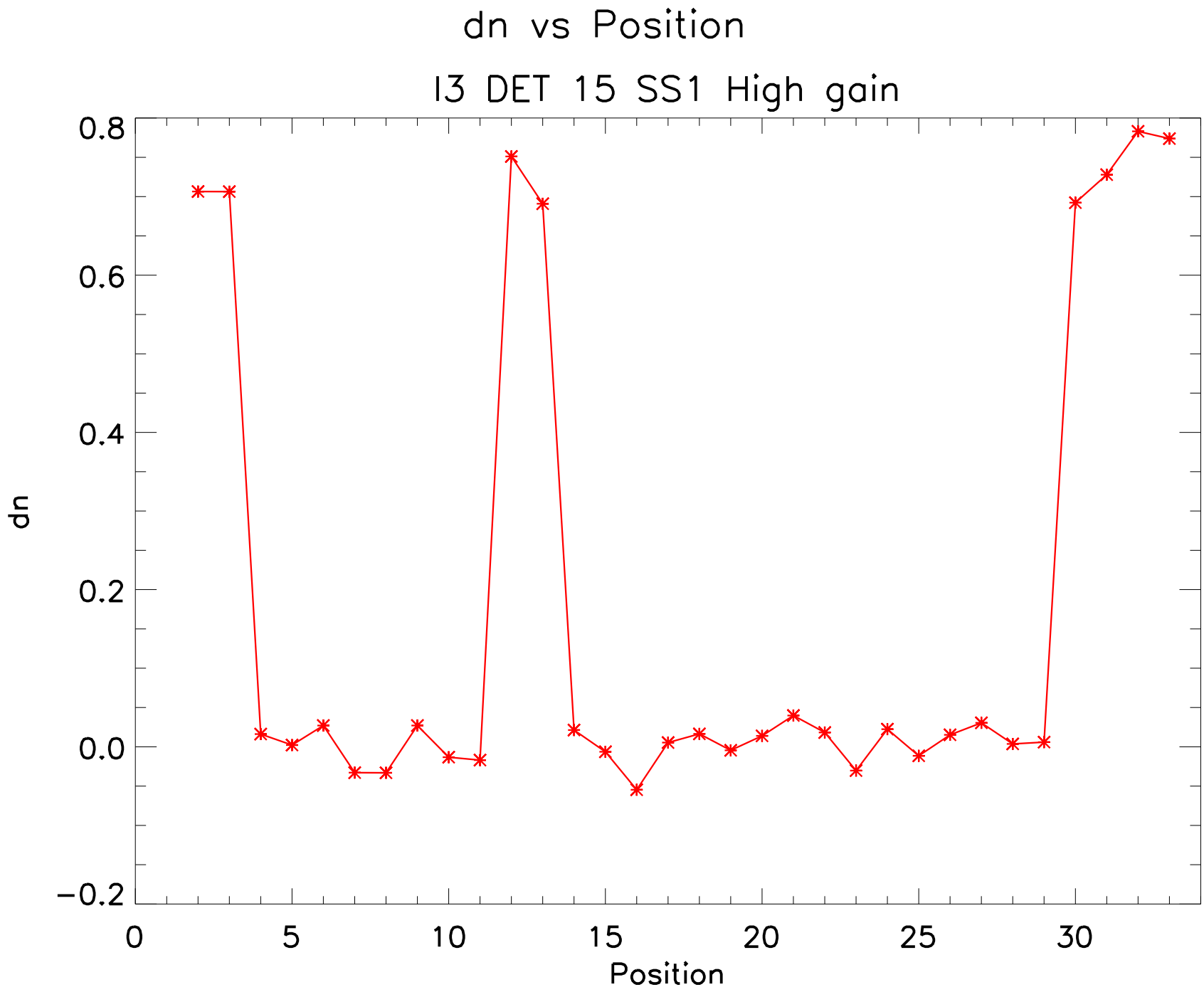

dn vs Position
I3 DET 12 SS2 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

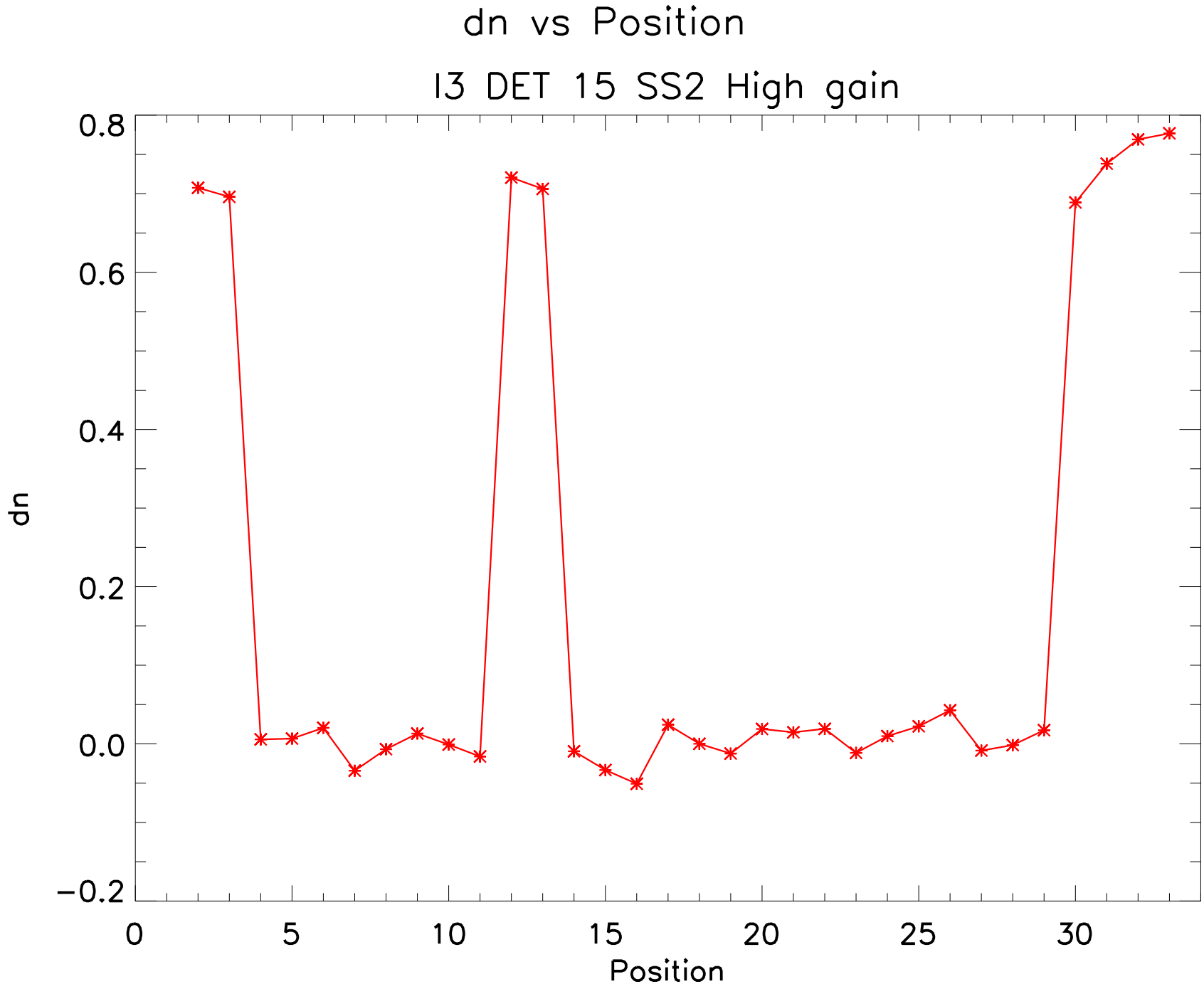

dn vs Position
I3 DET 13 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

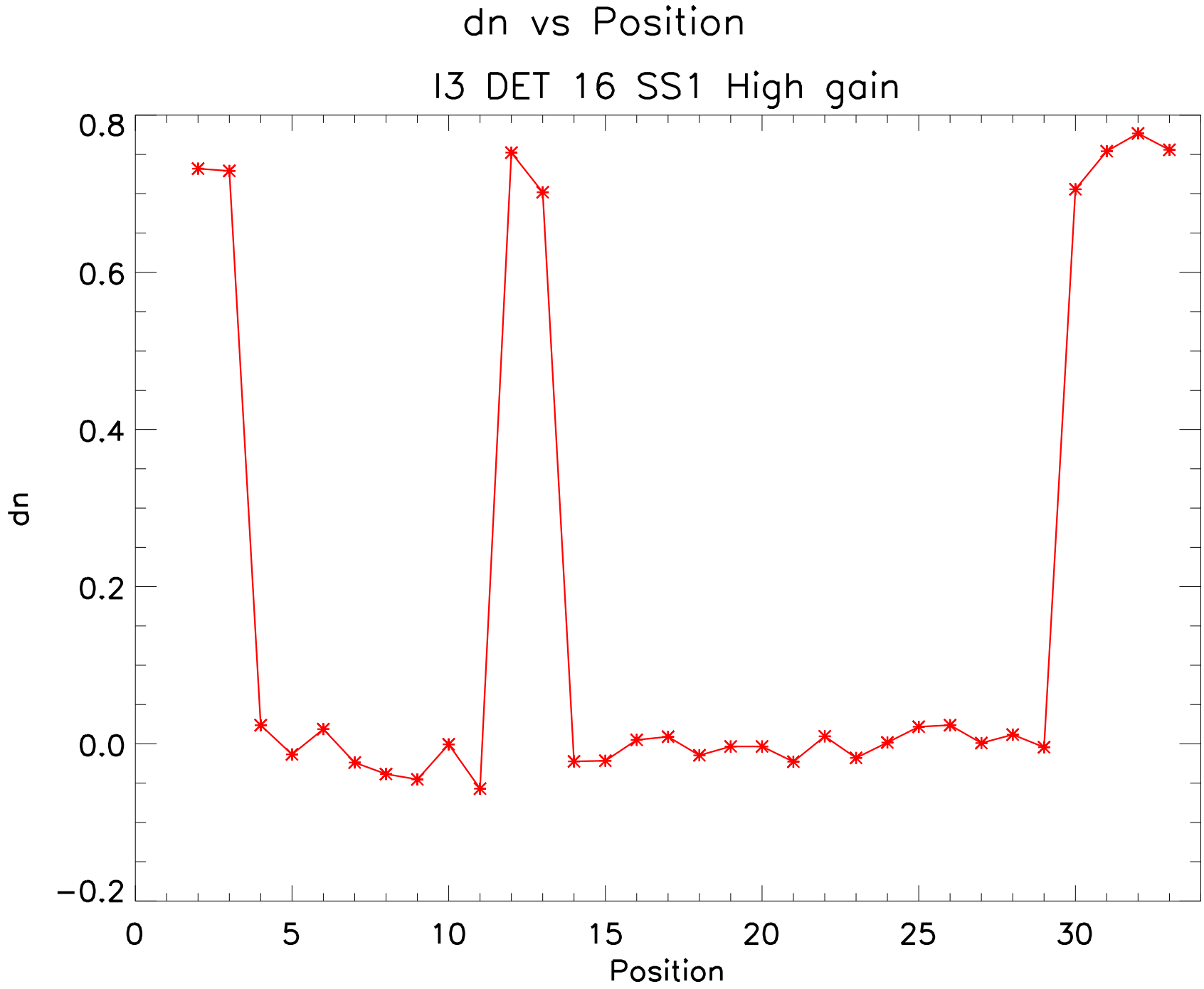

dn vs Position
I3 DET 13 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

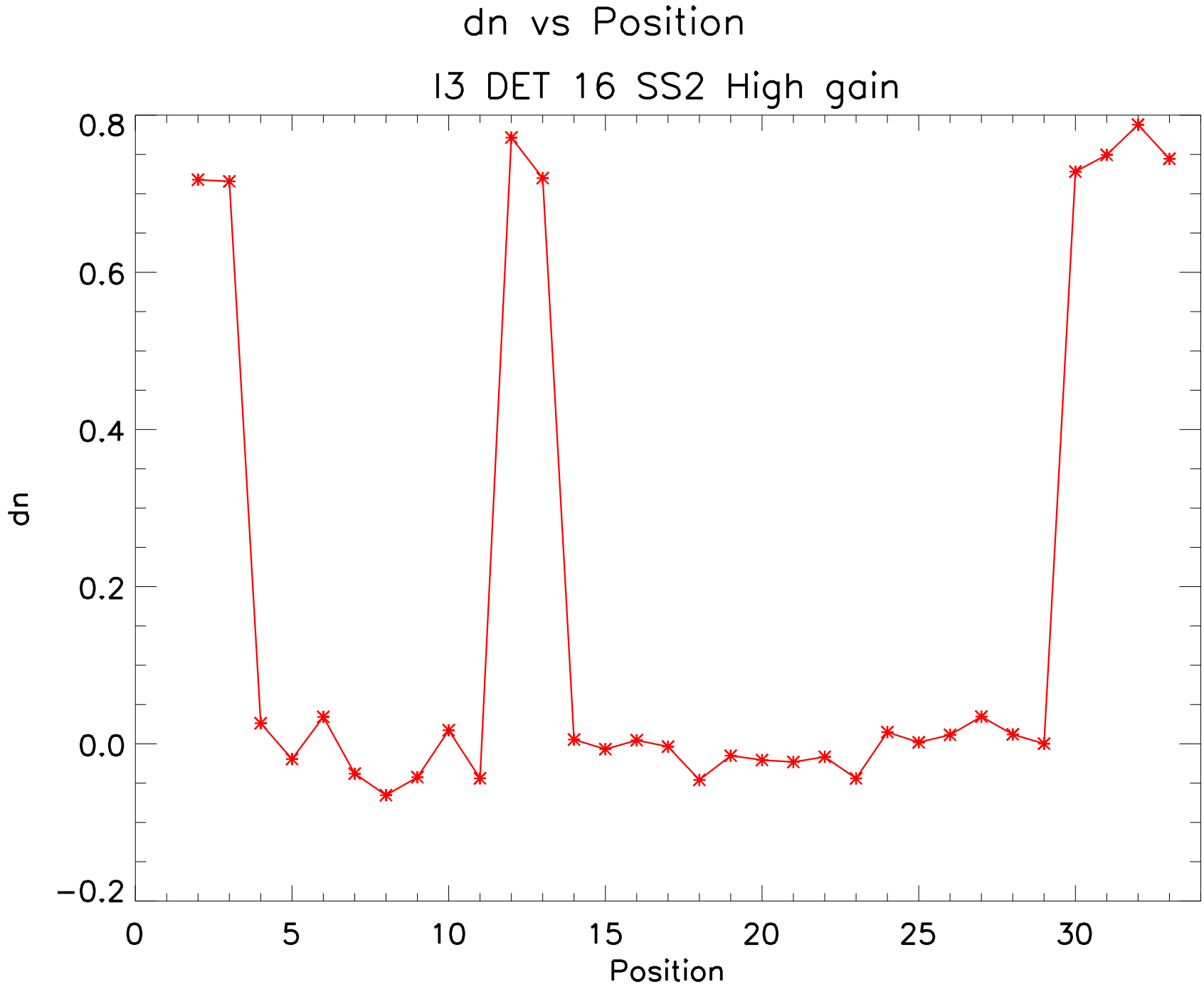

dn vs Position
I3 DET 14 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

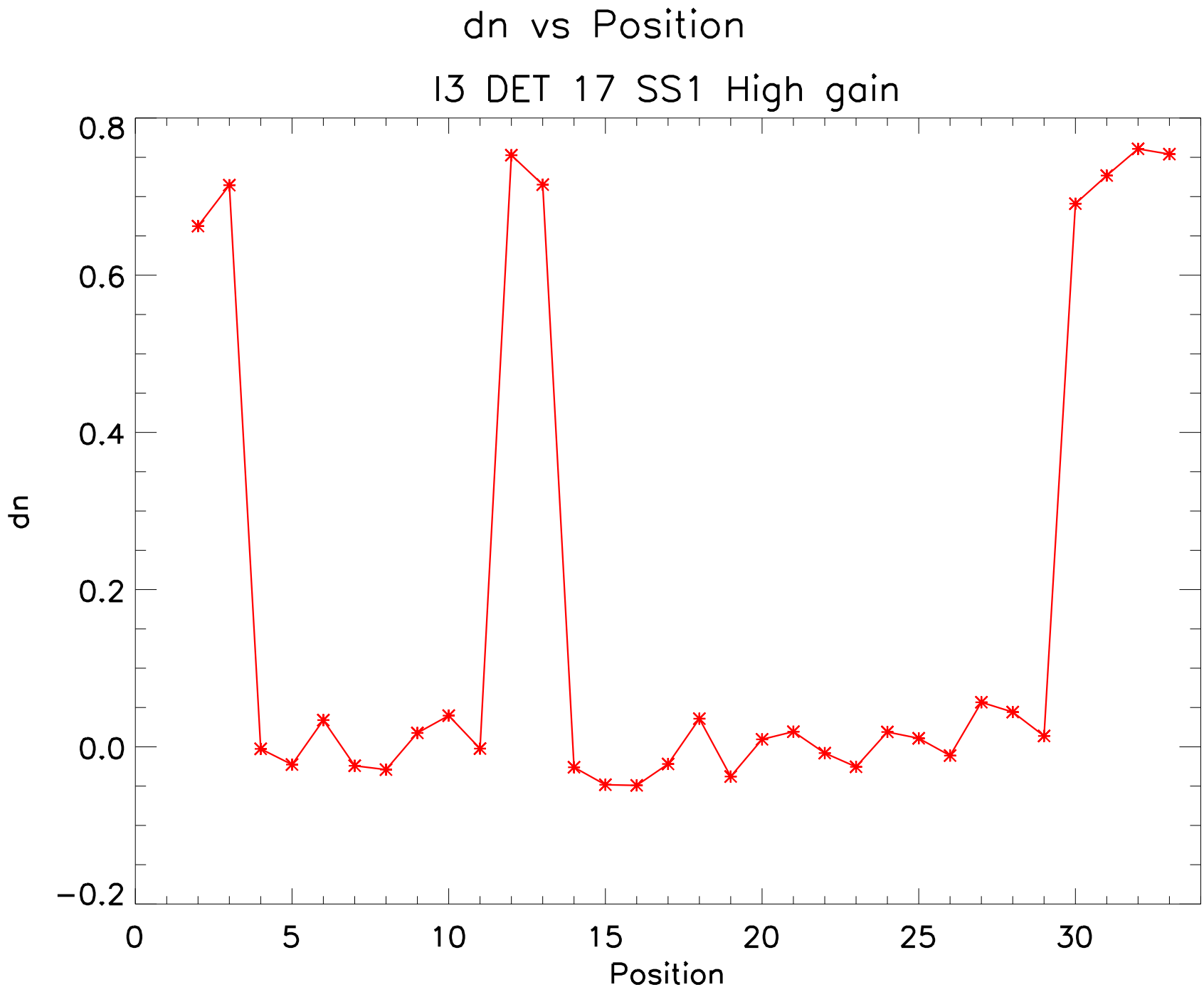

dn vs Position
I3 DET 14 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

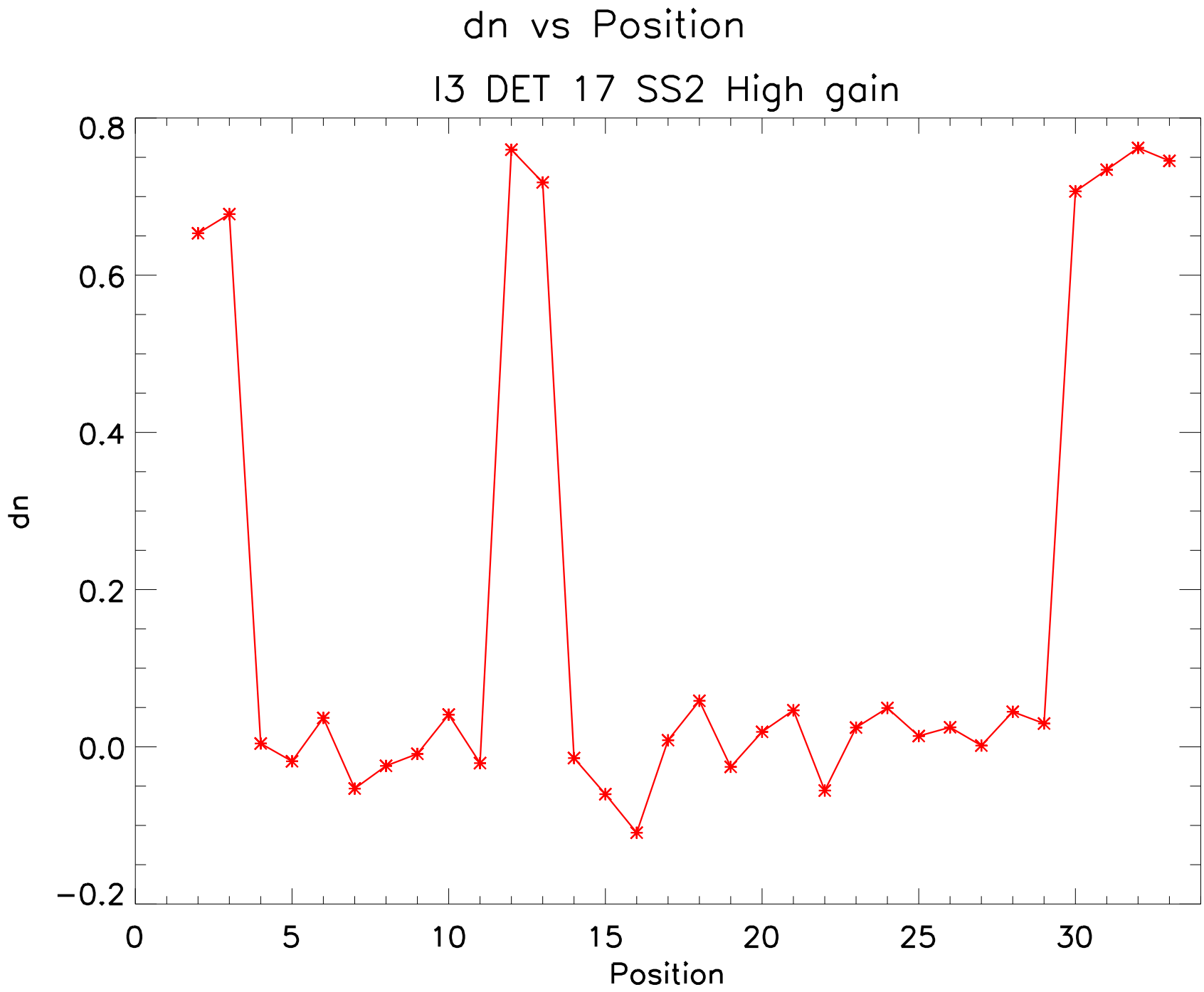

dn vs Position
I3 DET 15 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

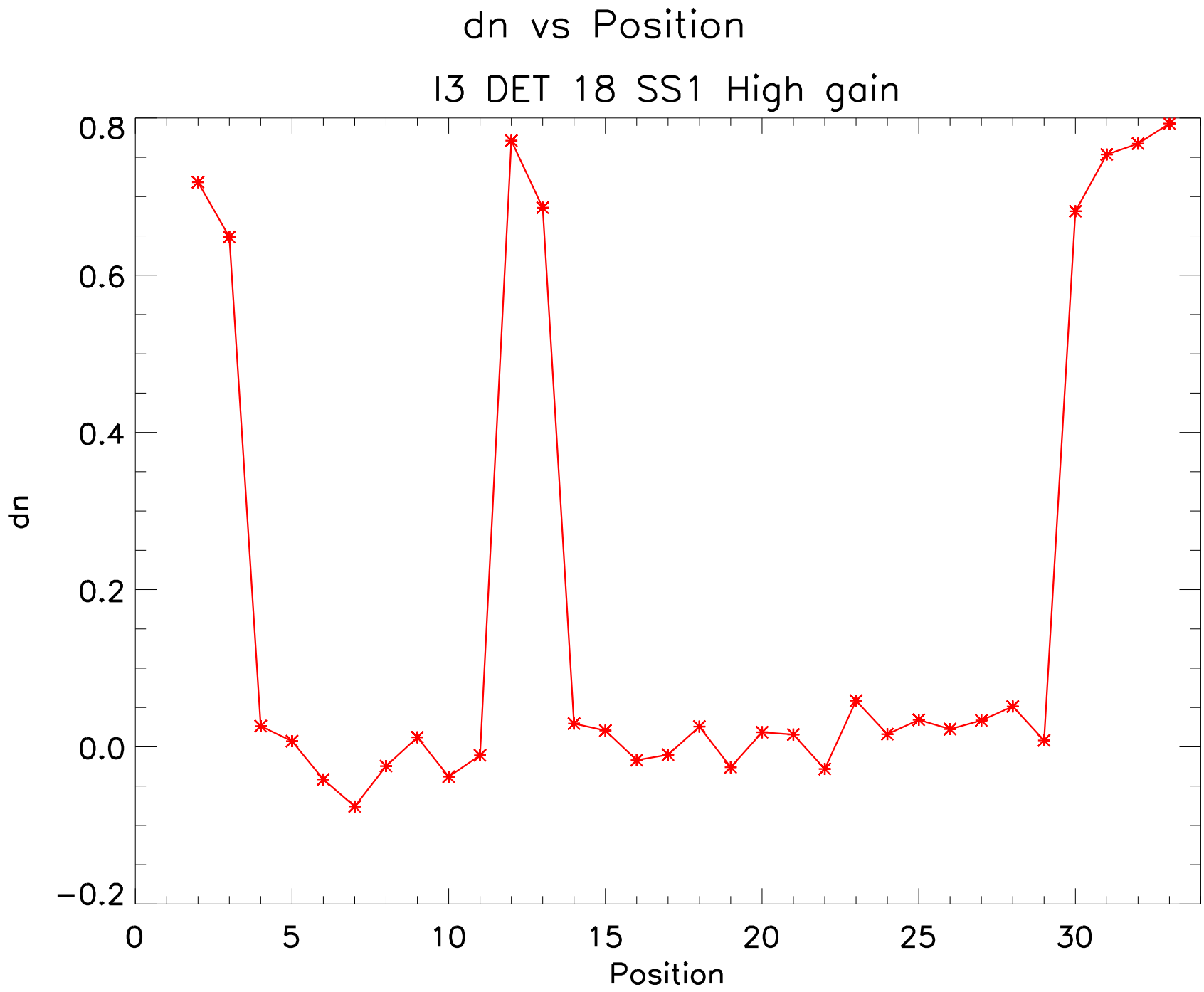

dn vs Position
I3 DET 15 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

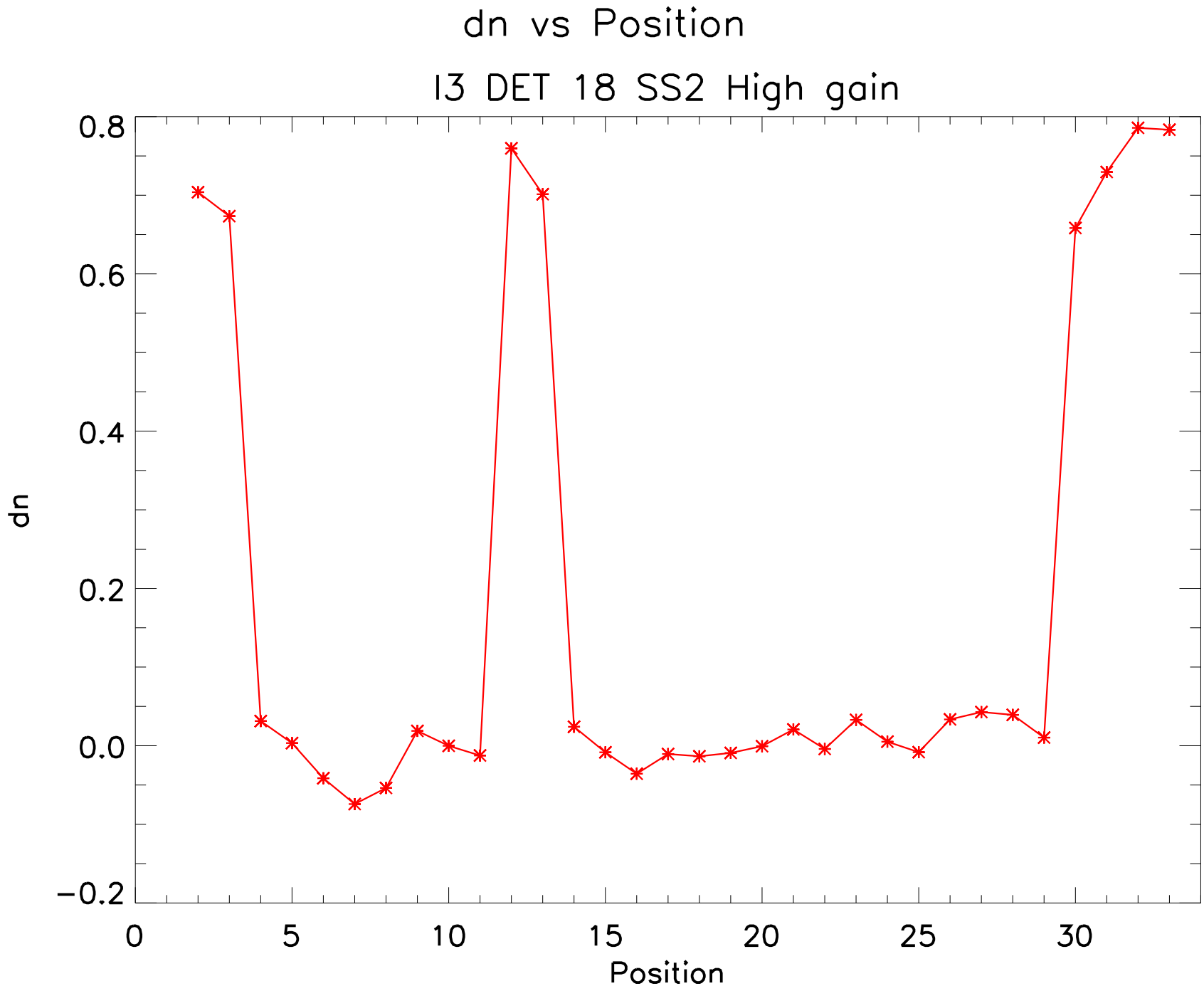

dn vs Position
I3 DET 16 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

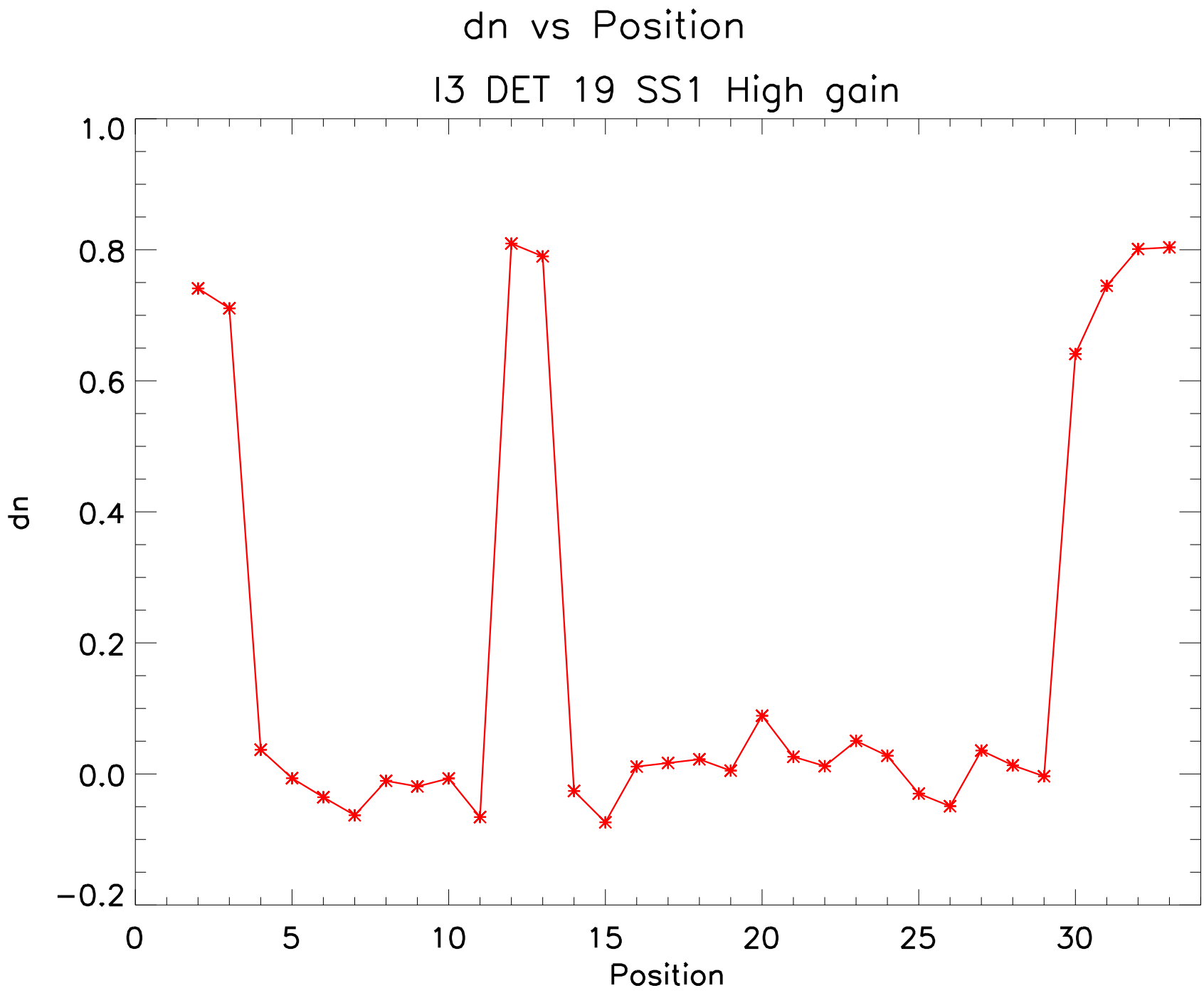

dn vs Position
I3 DET 16 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

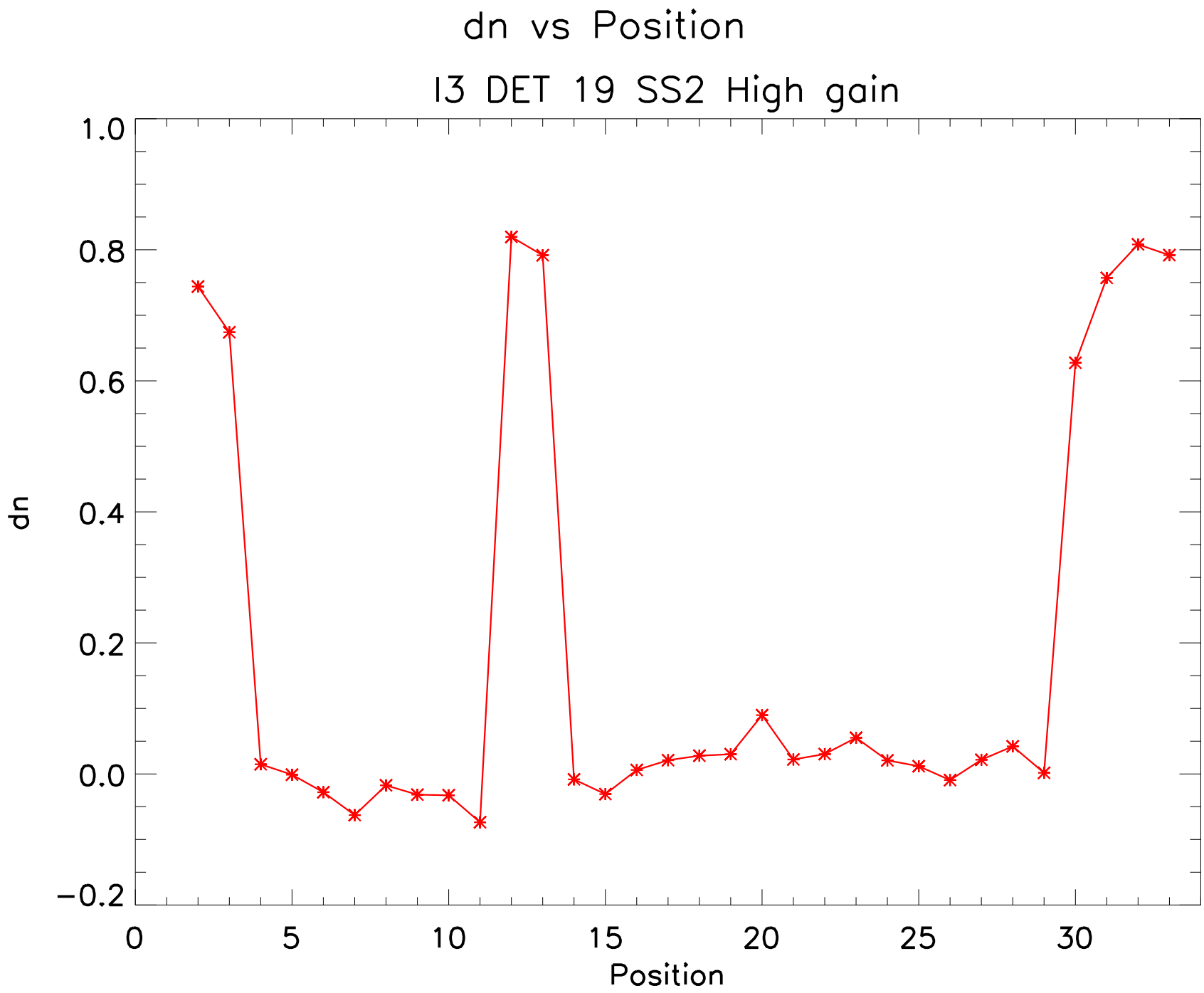

dn vs Position
I3 DET 17 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

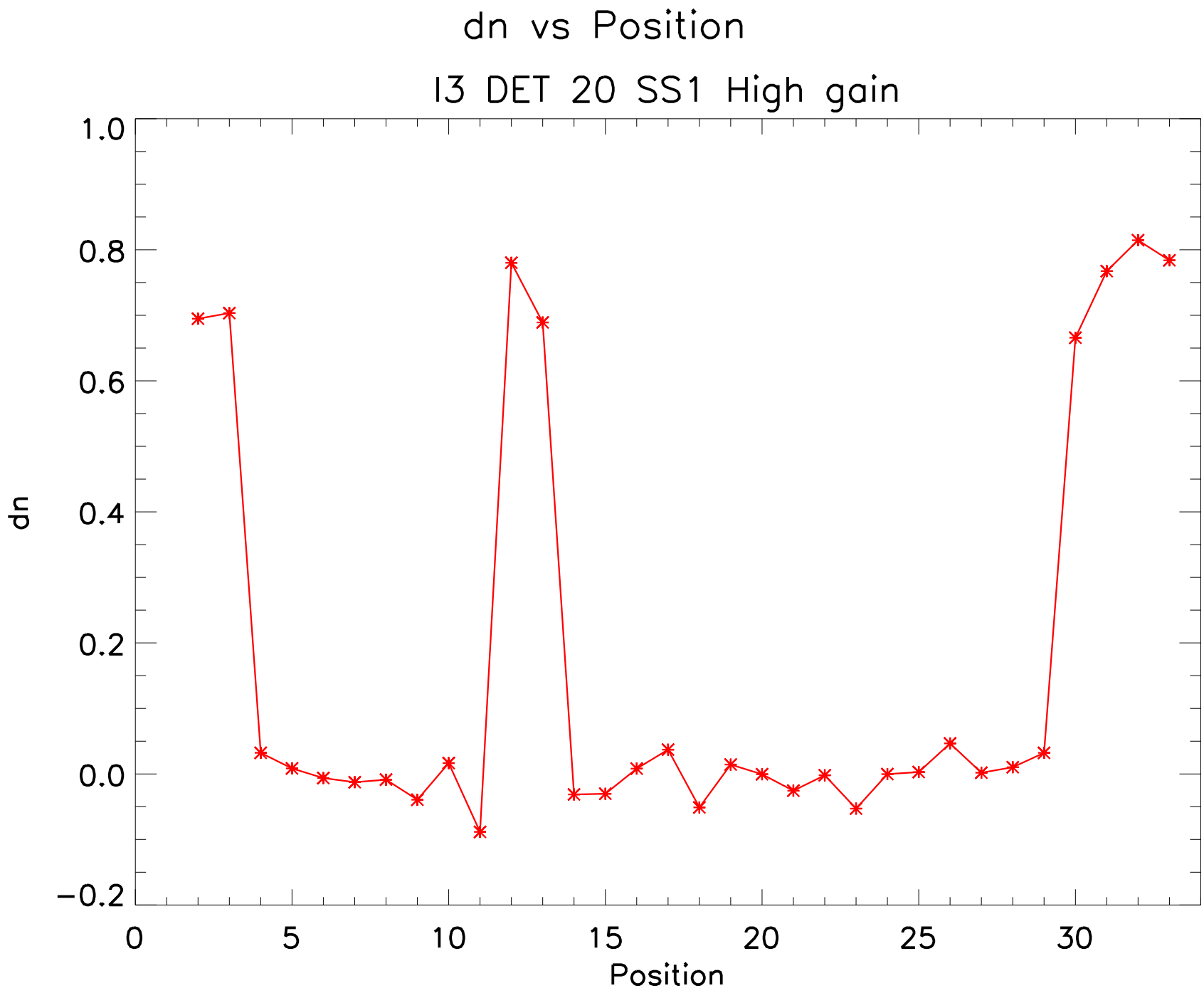

dn vs Position
I3 DET 17 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

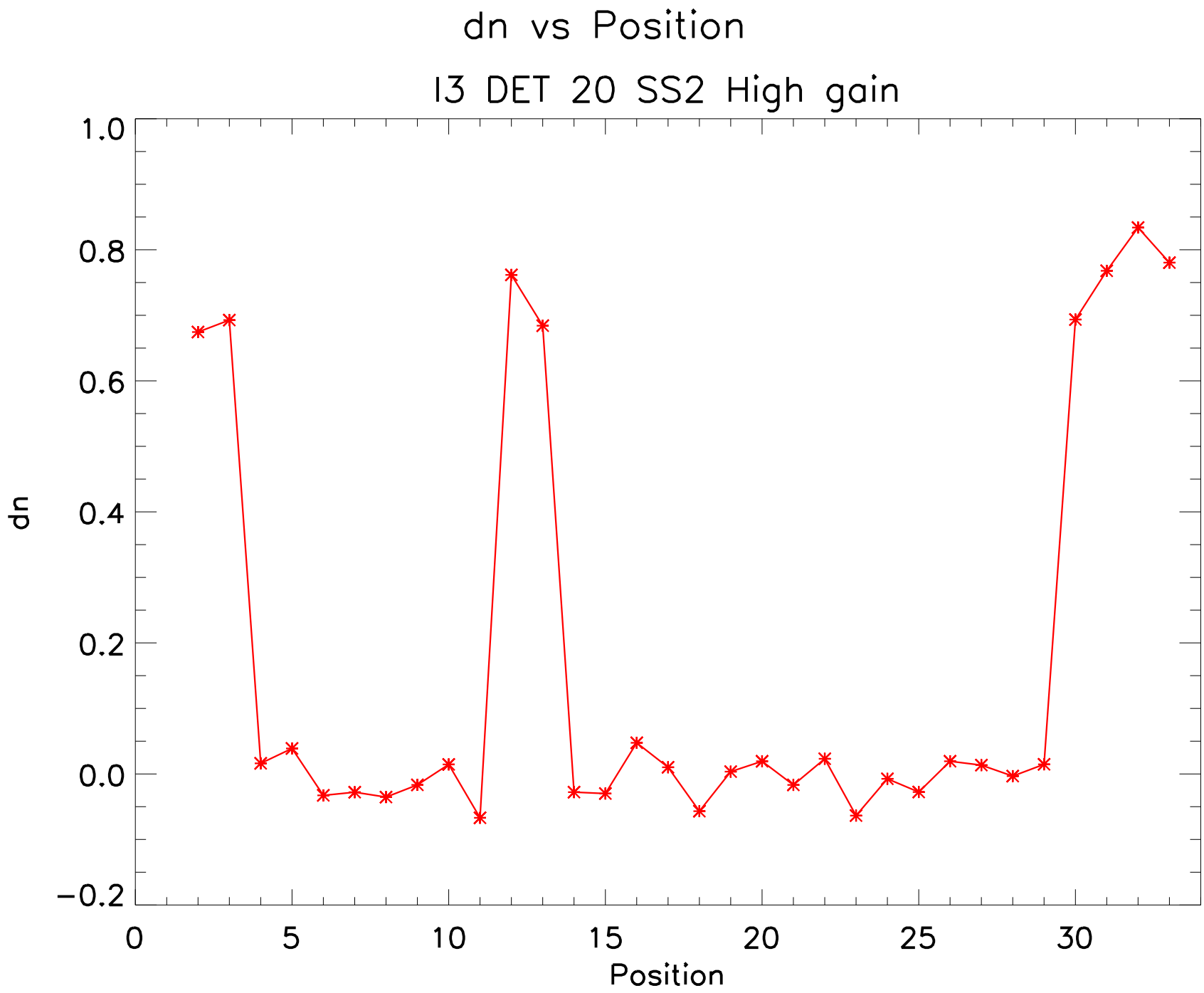

dn vs Position
I3 DET 18 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

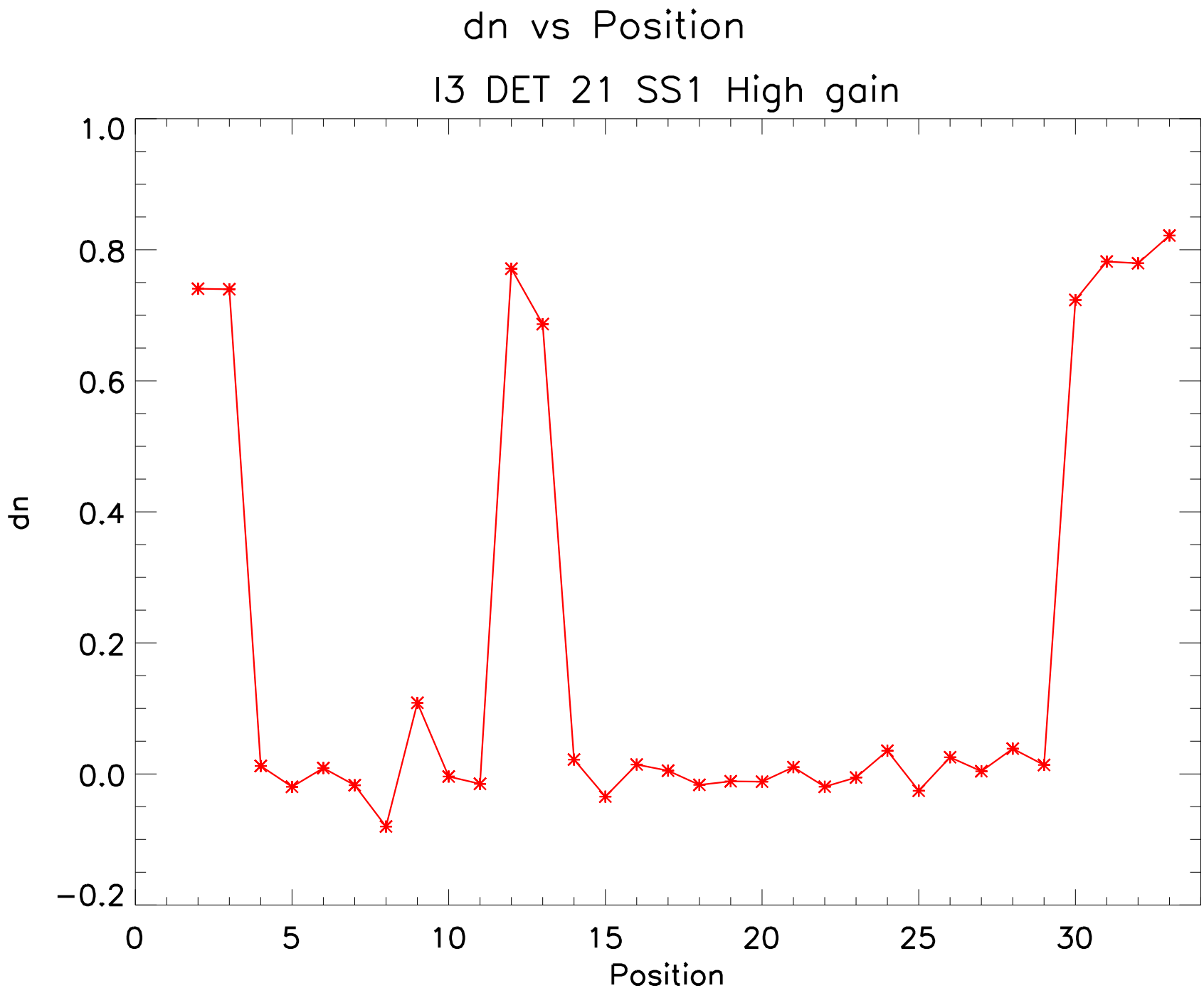

dn vs Position
I3 DET 18 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

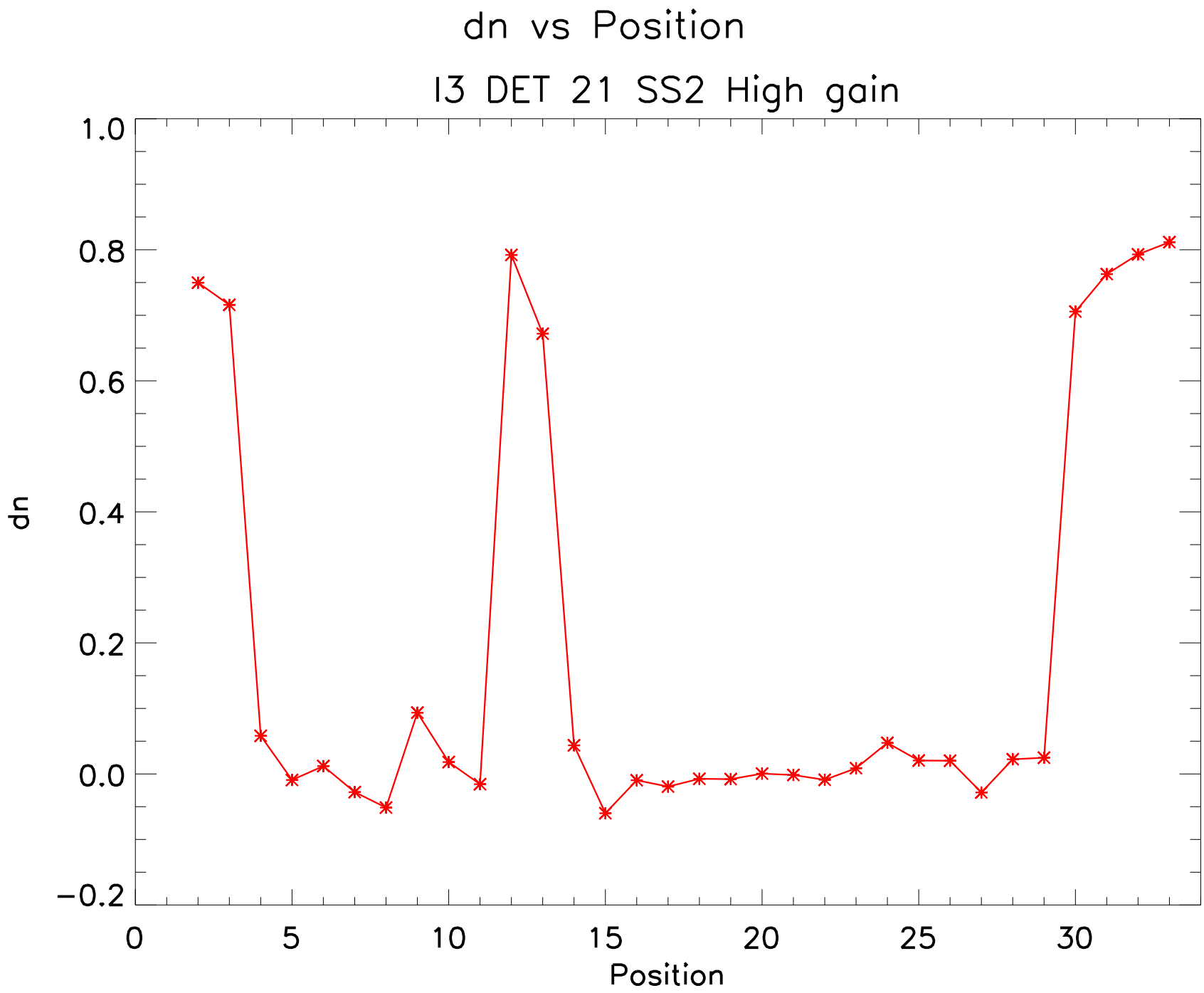

dn vs Position
I3 DET 19 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

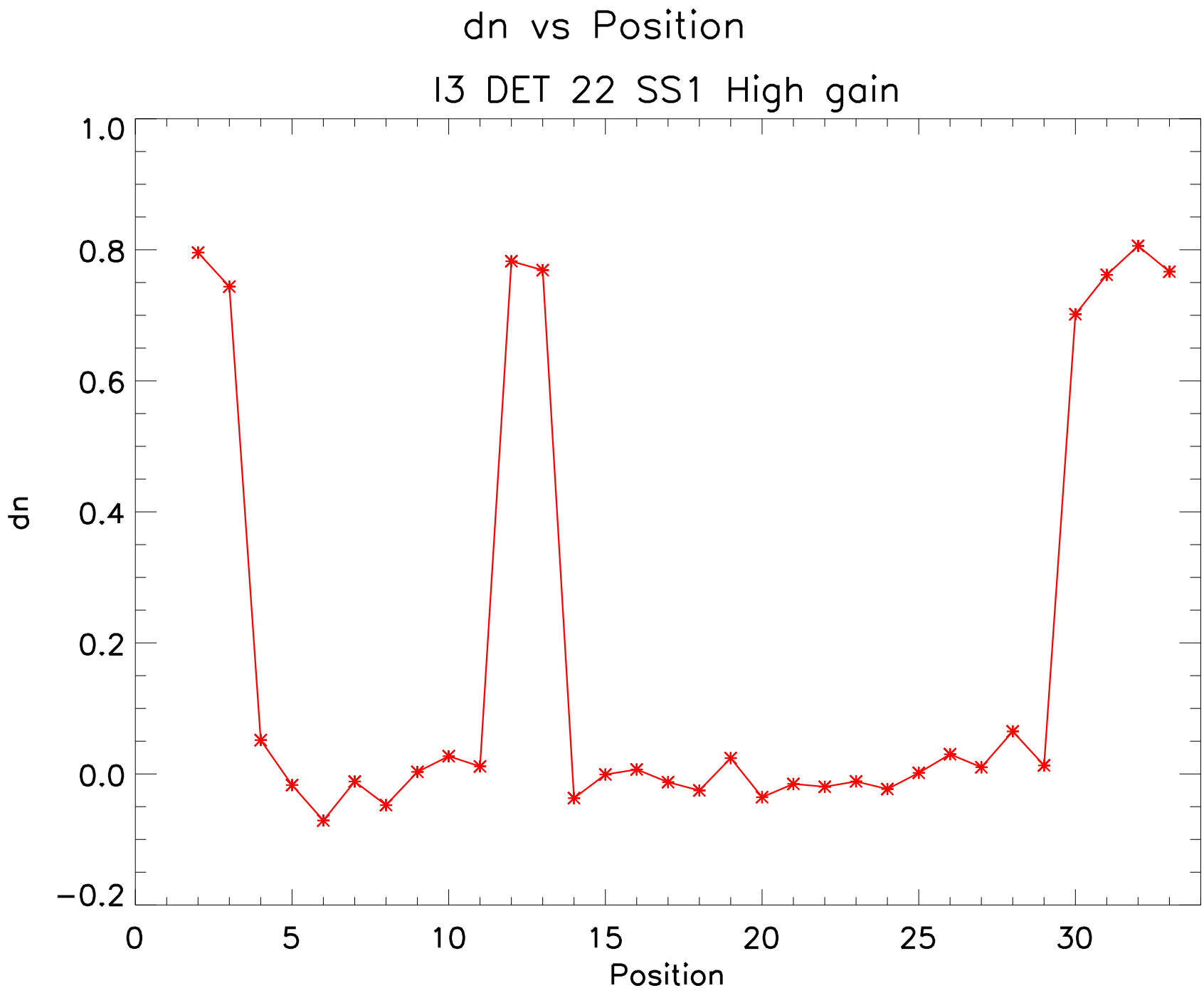

dn vs Position
I3 DET 19 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

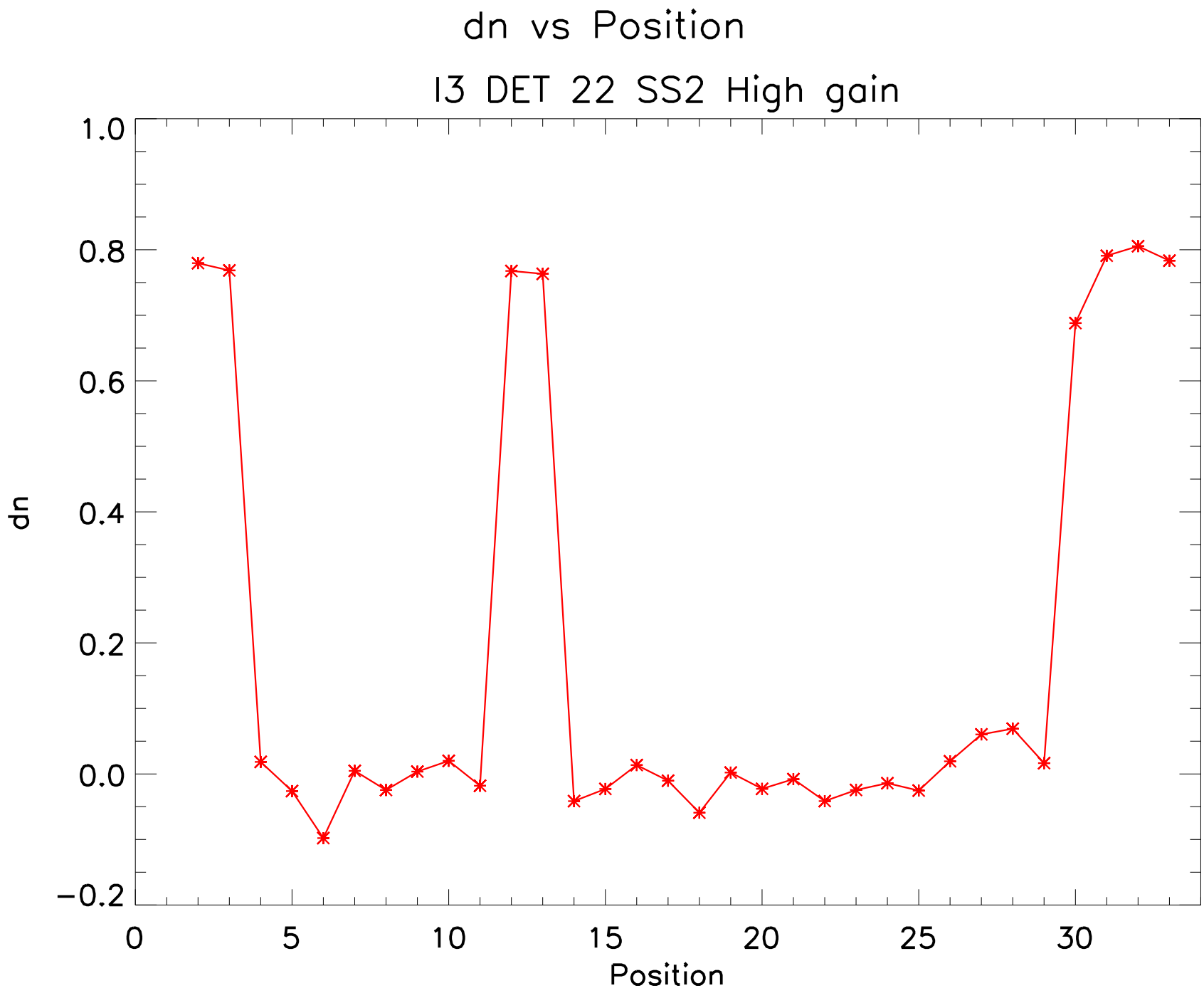

dn vs Position
I3 DET 20 SS1 High gain
dn
Position
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30

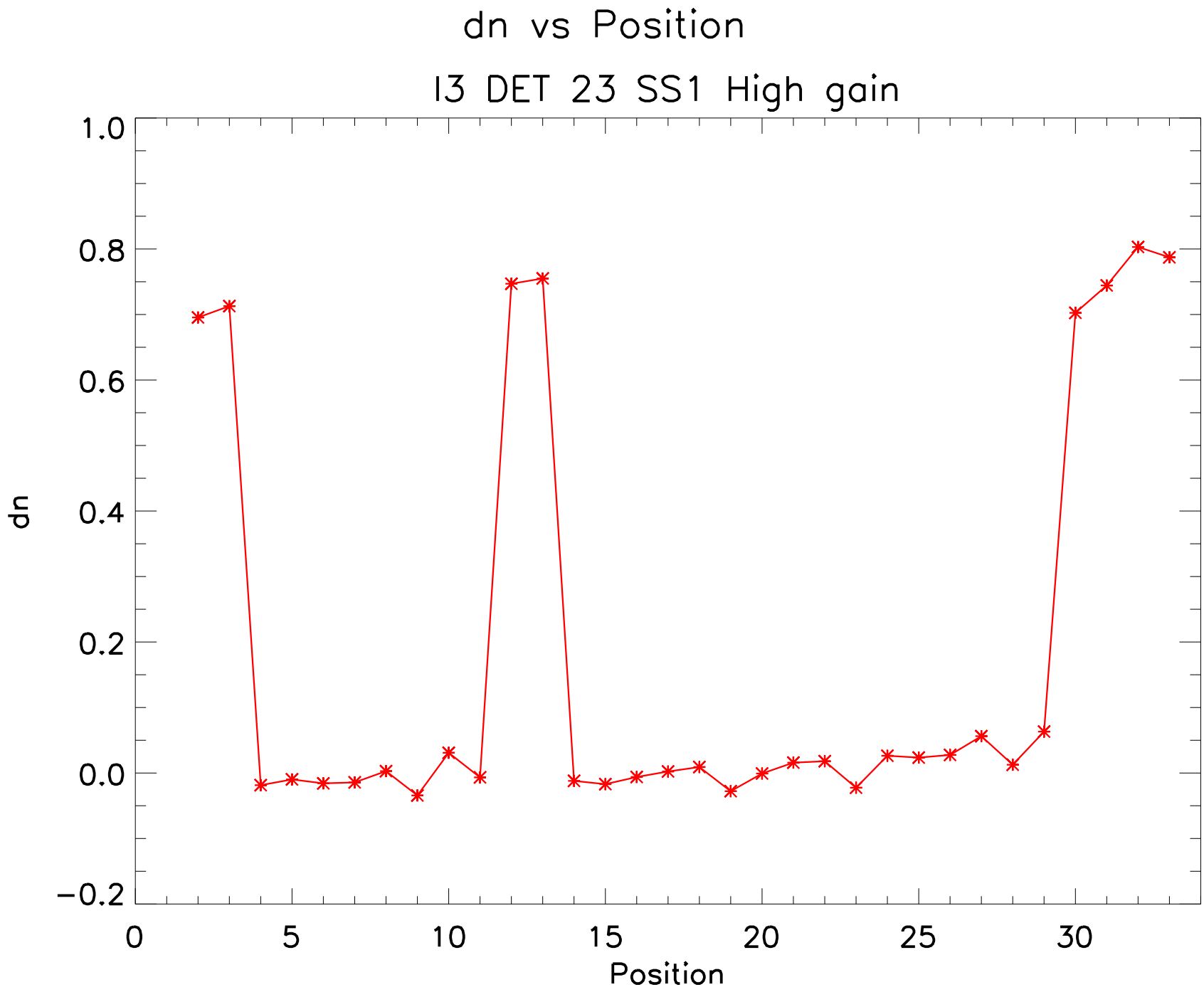

dn vs Position
I3 DET 20 SS2 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

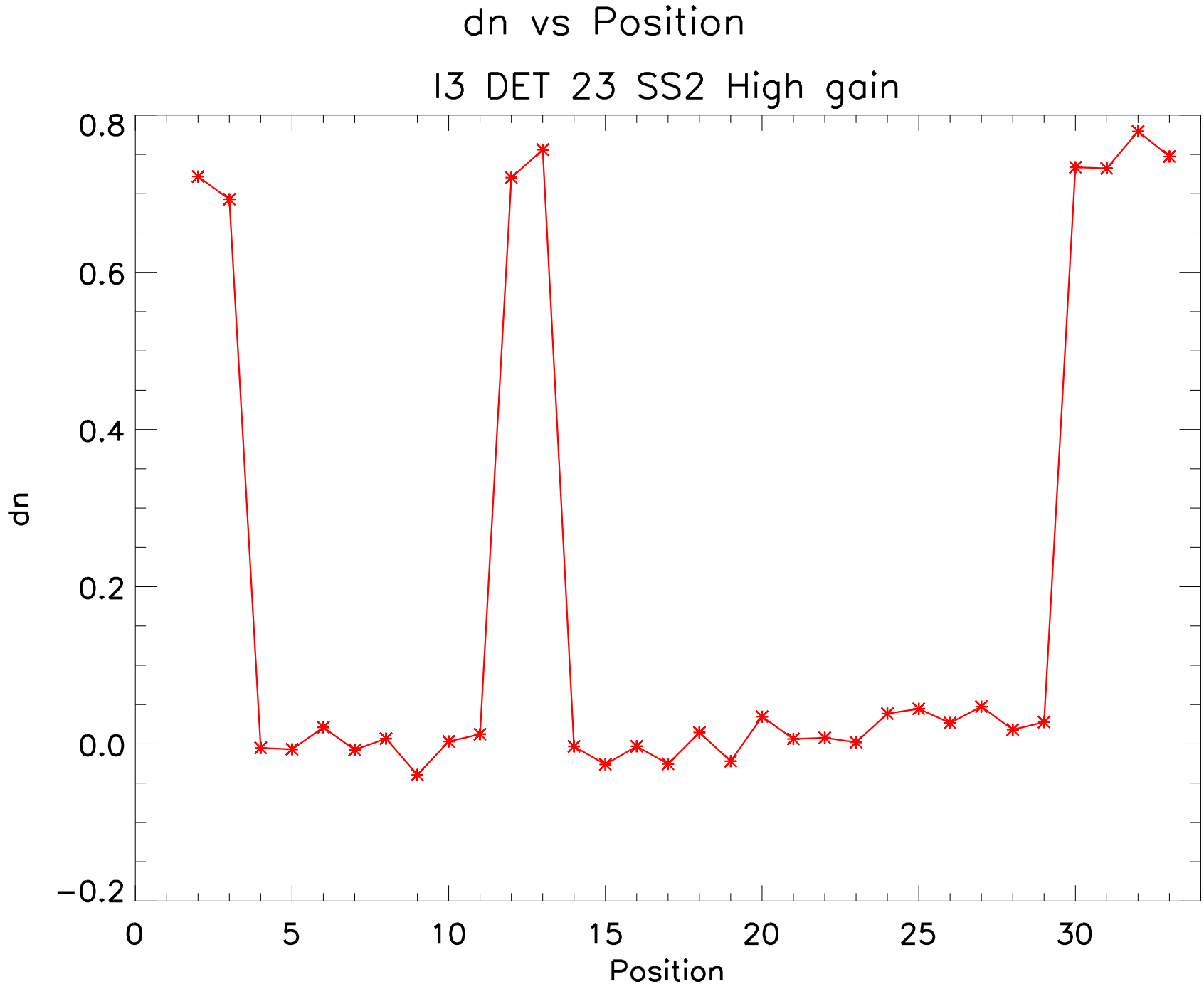

dn vs Position
I3 DET 21 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

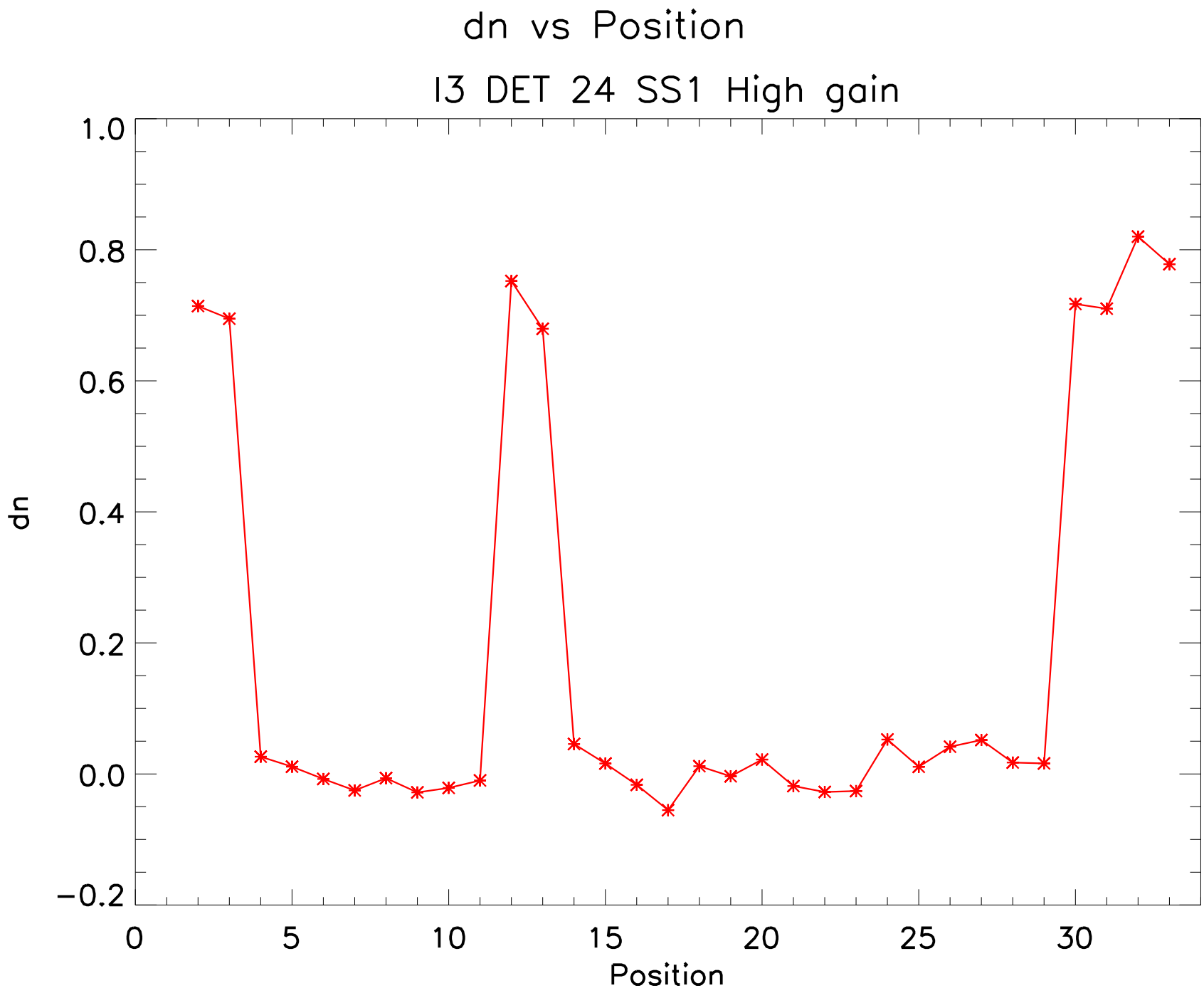

dn vs Position
I3 DET 21 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

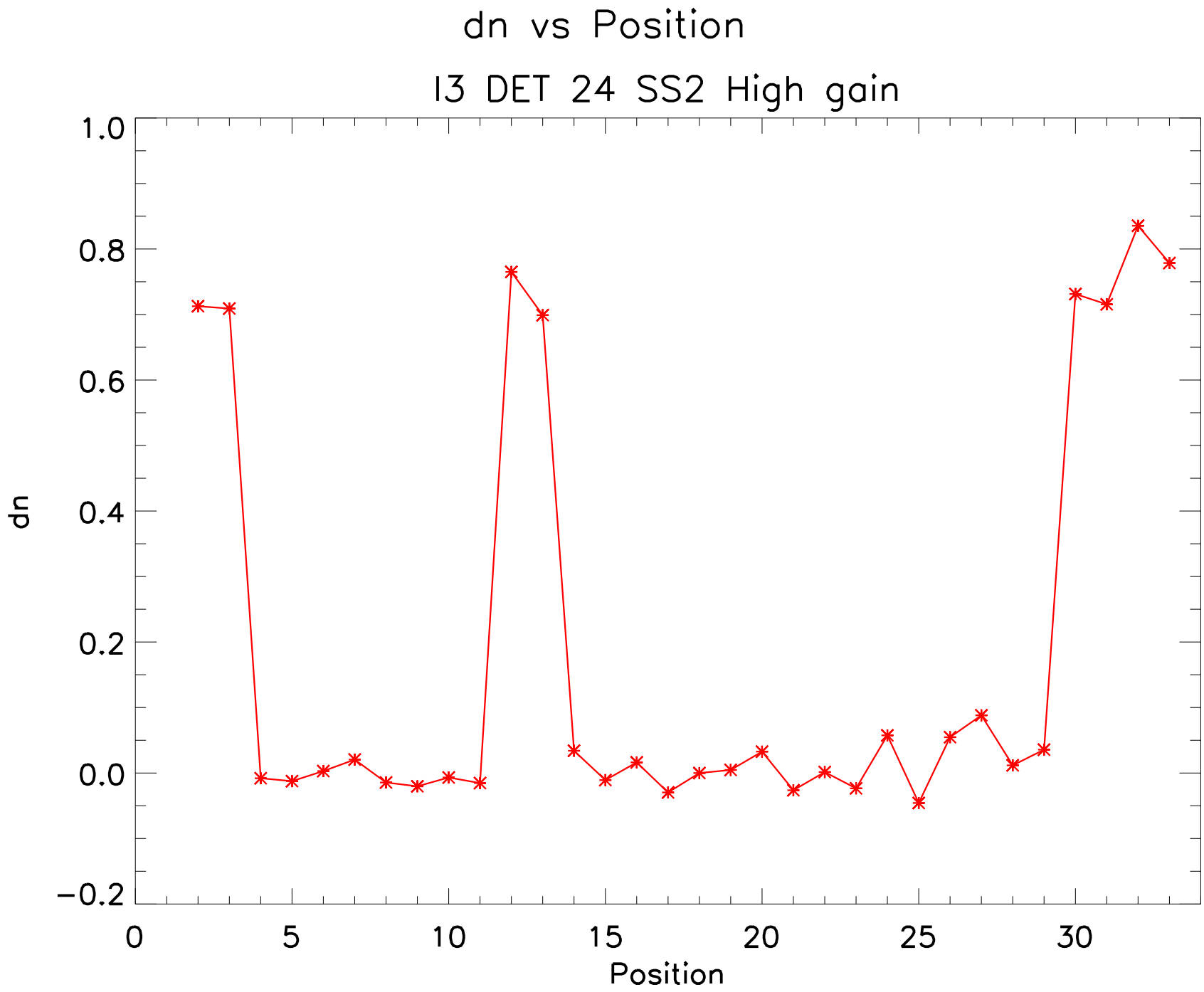

dn vs Position
I3 DET 22 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

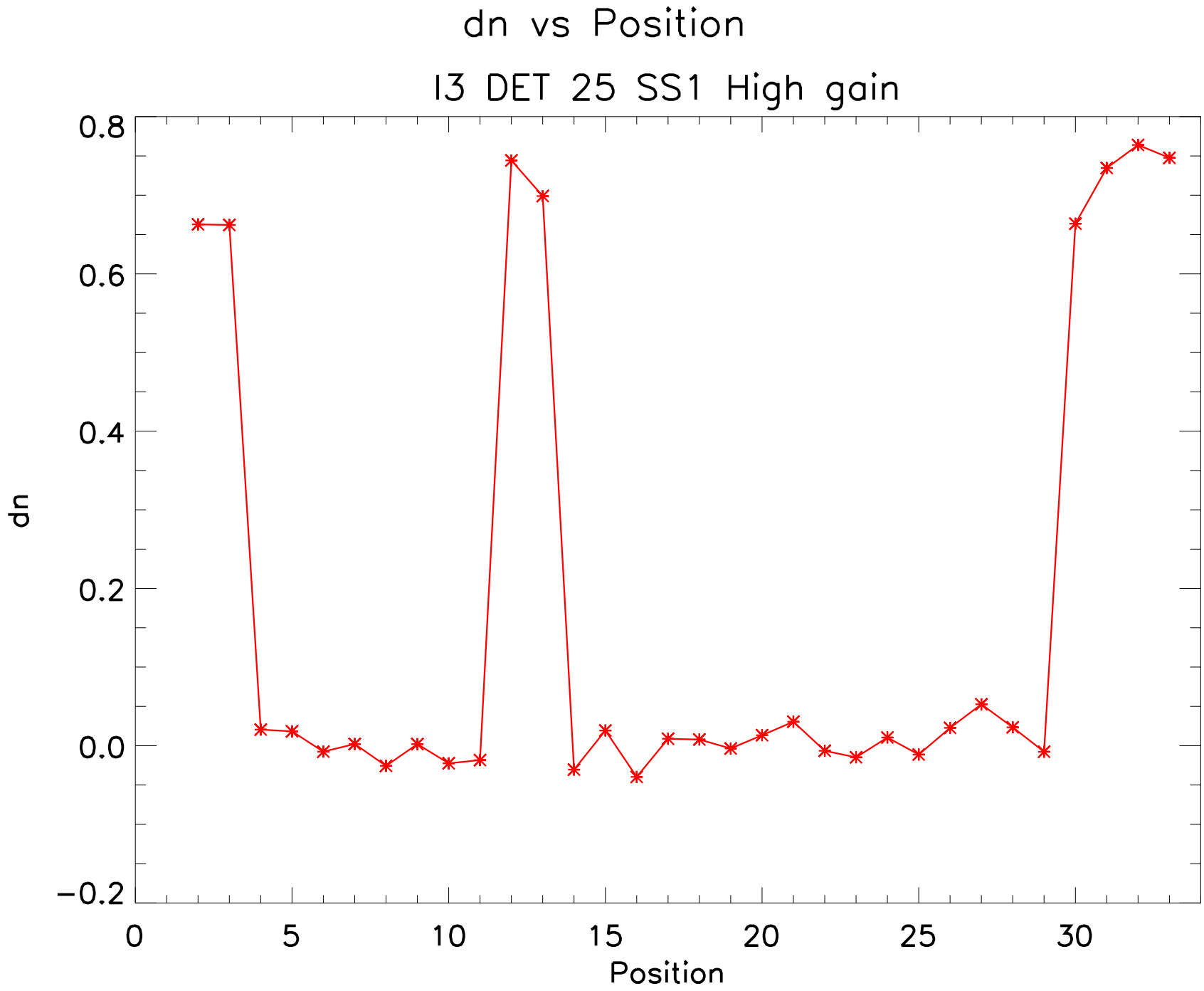

dn vs Position
I3 DET 22 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

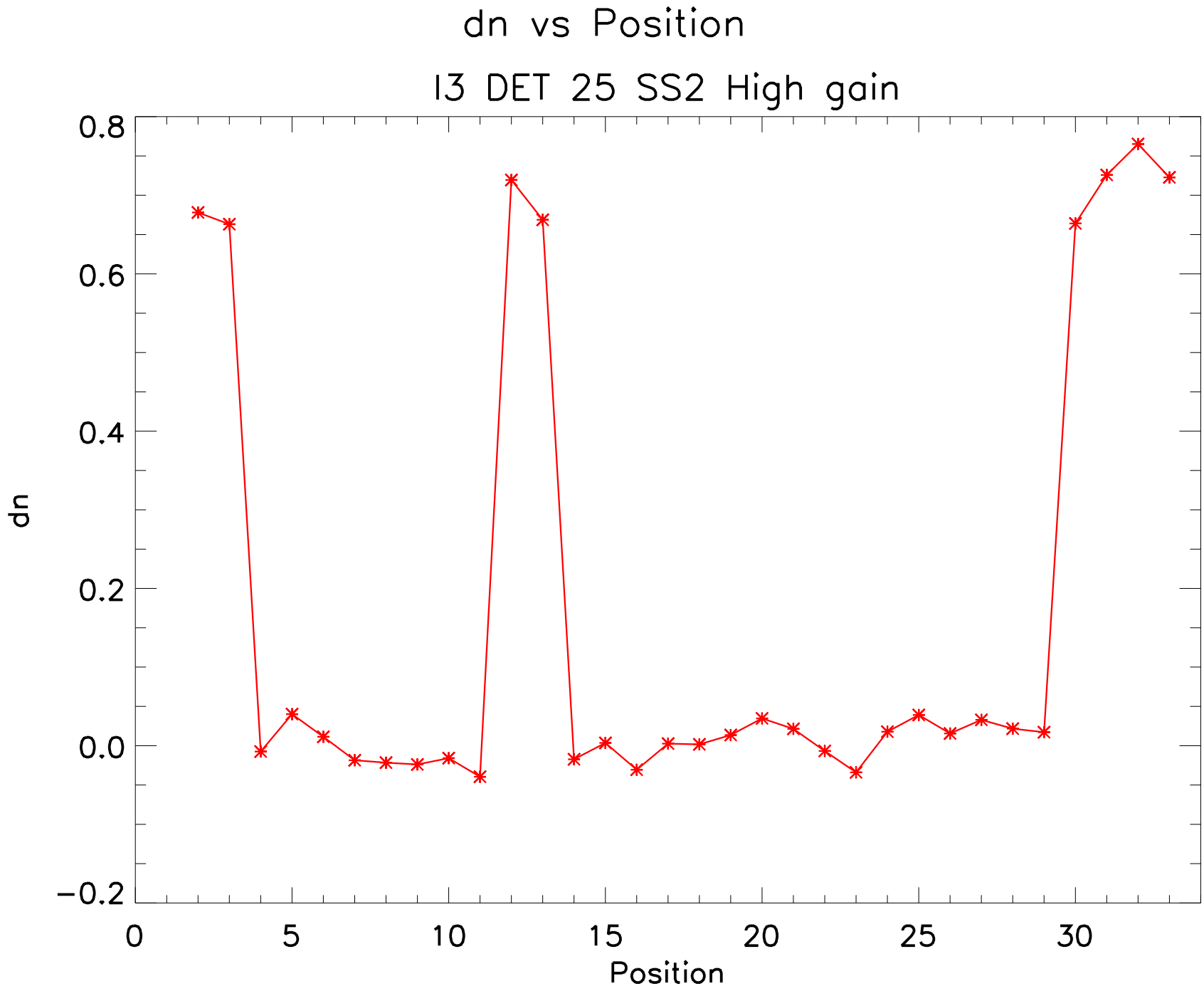

dn vs Position
I3 DET 23 SS1 High gain
dn
Position
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30

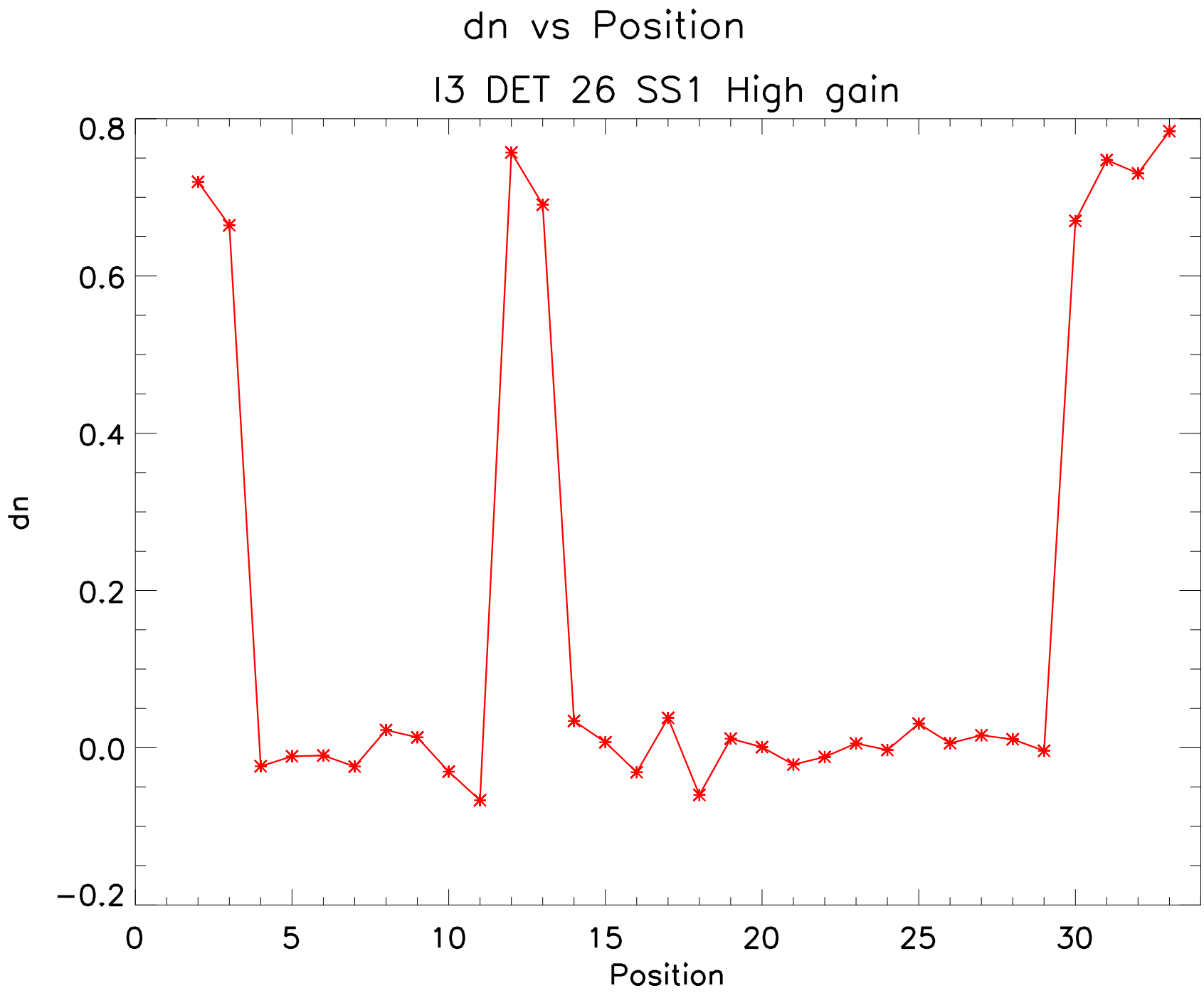

dn vs Position
I3 DET 23 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

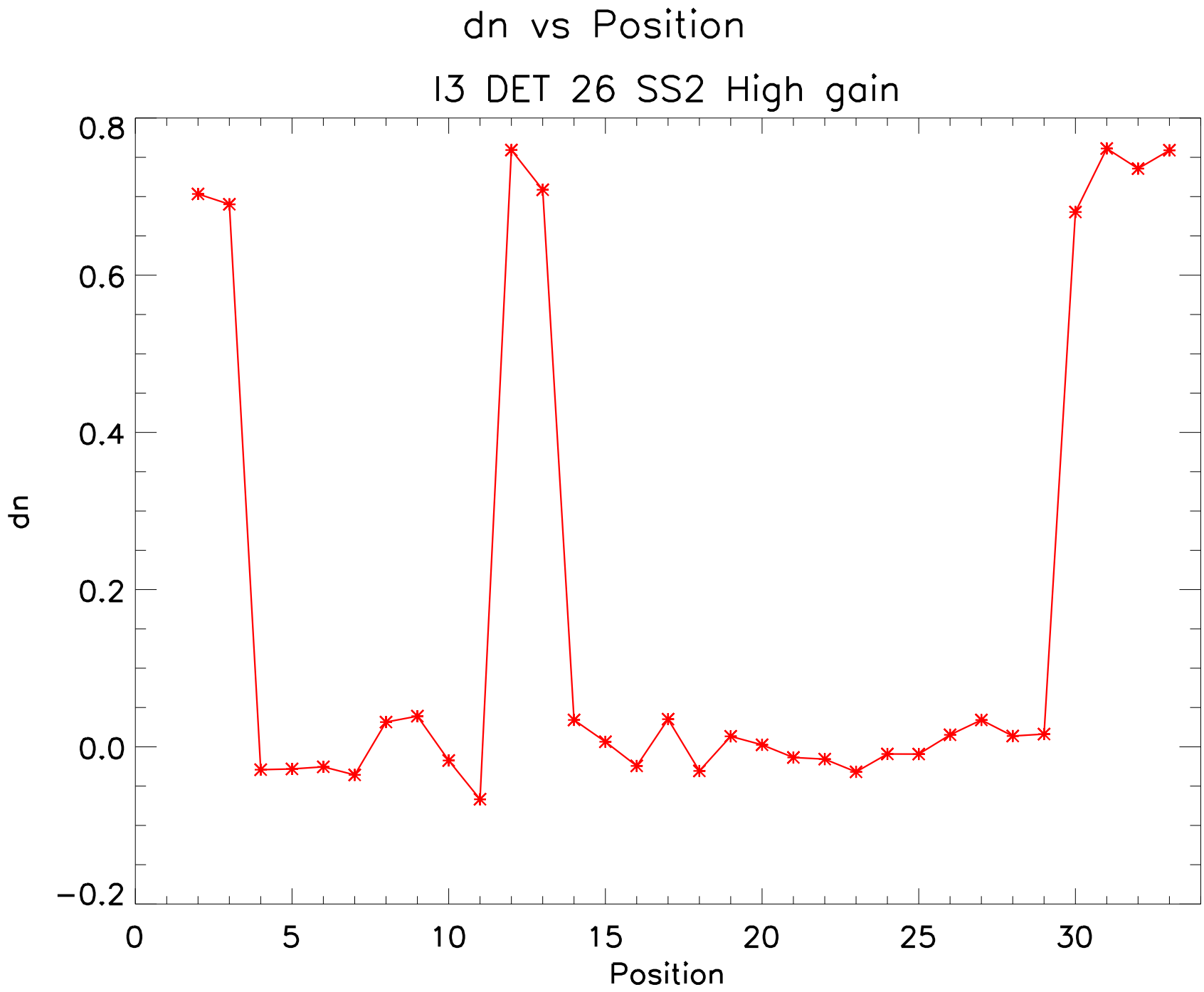

dn vs Position
I3 DET 24 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

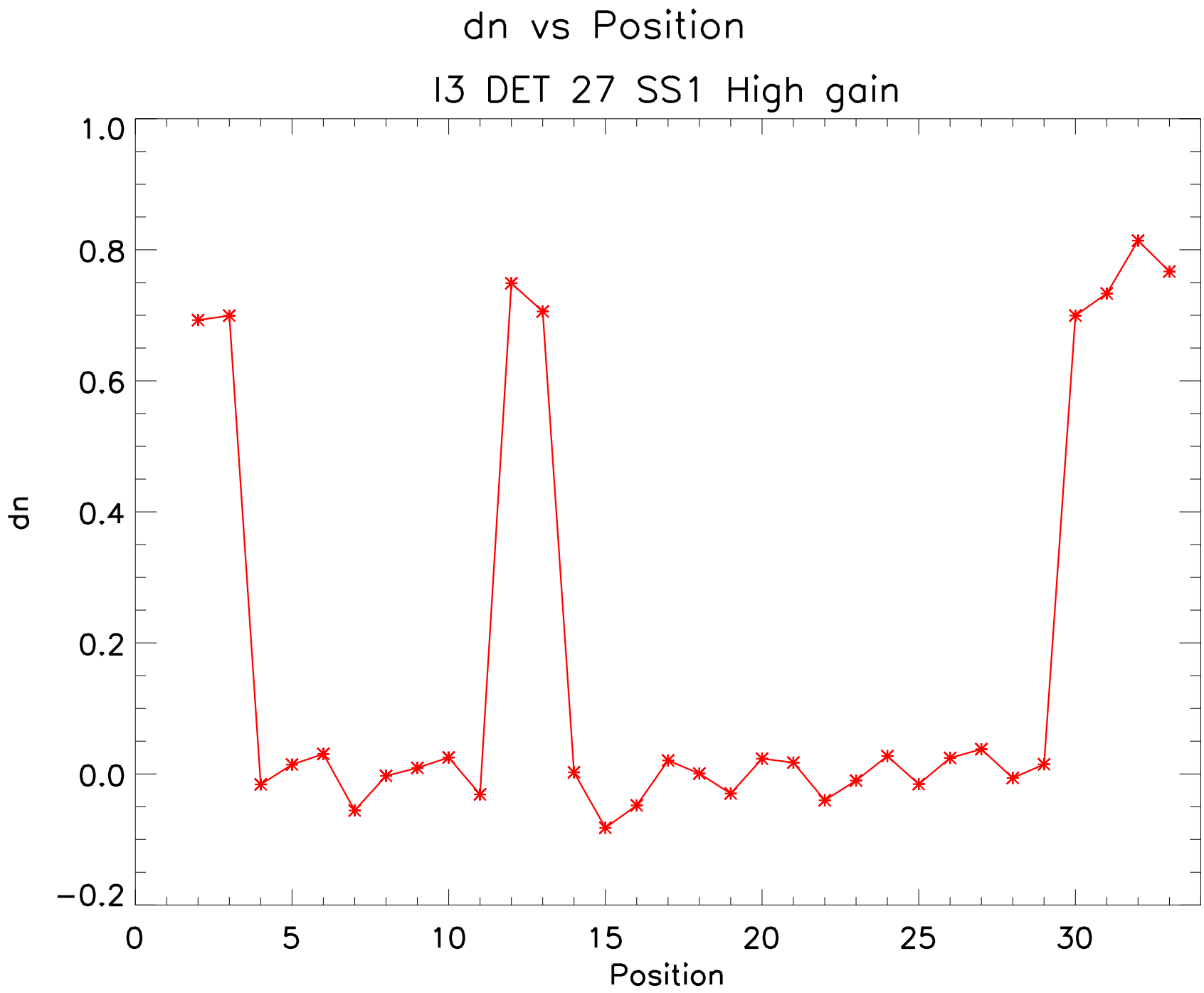

dn vs Position
I3 DET 24 SS2 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

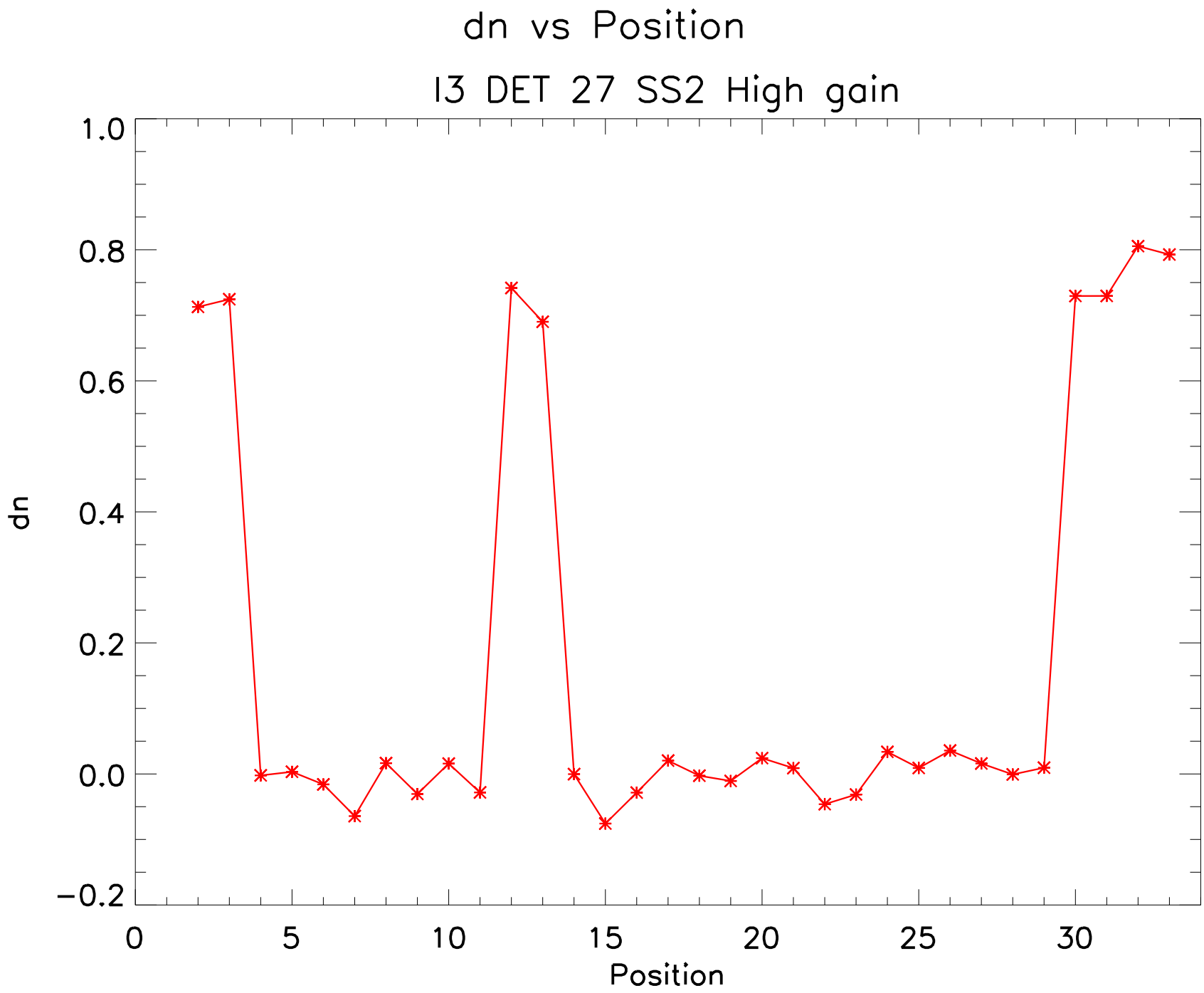

dn vs Position
I3 DET 25 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

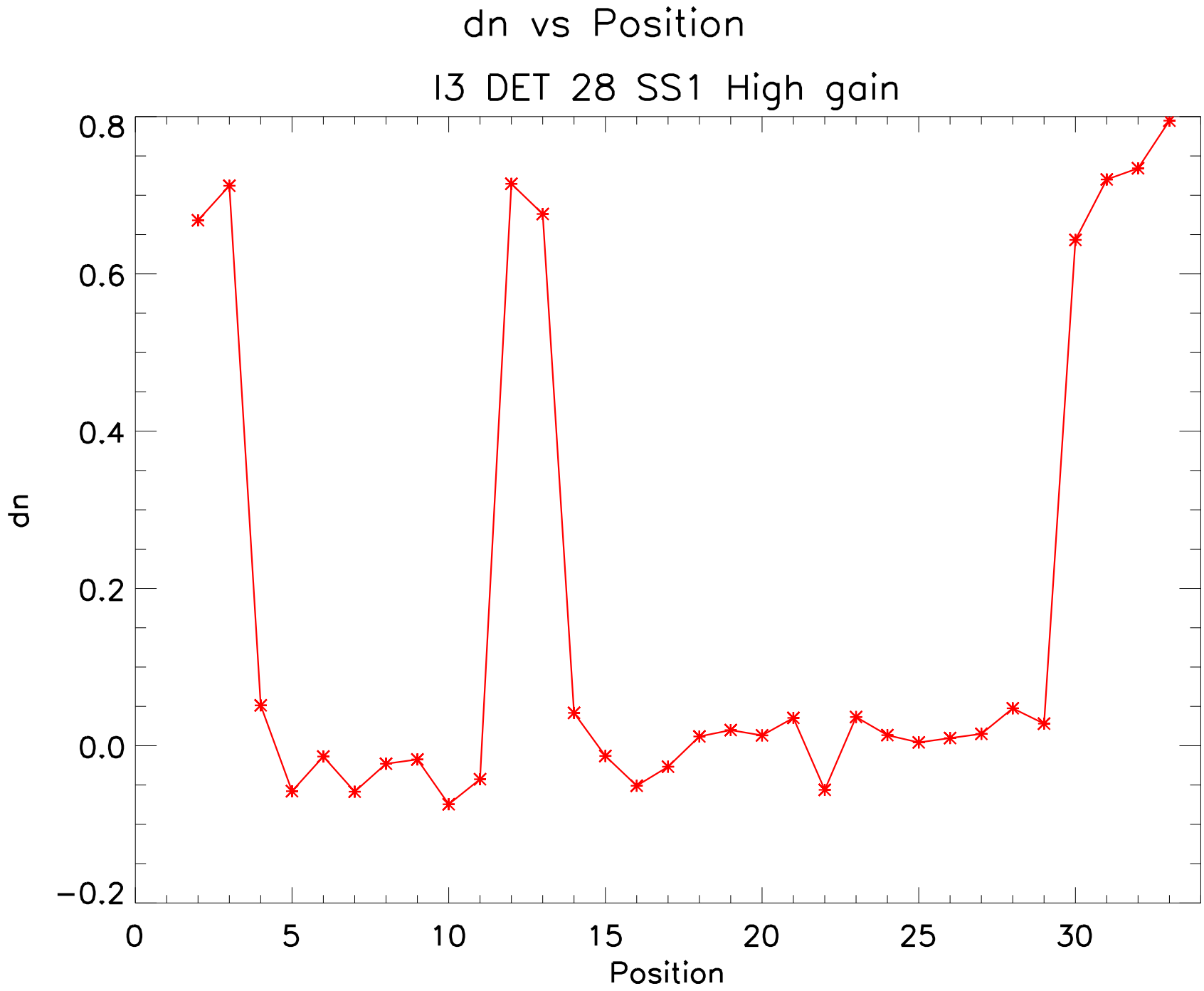

dn vs Position
I3 DET 25 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

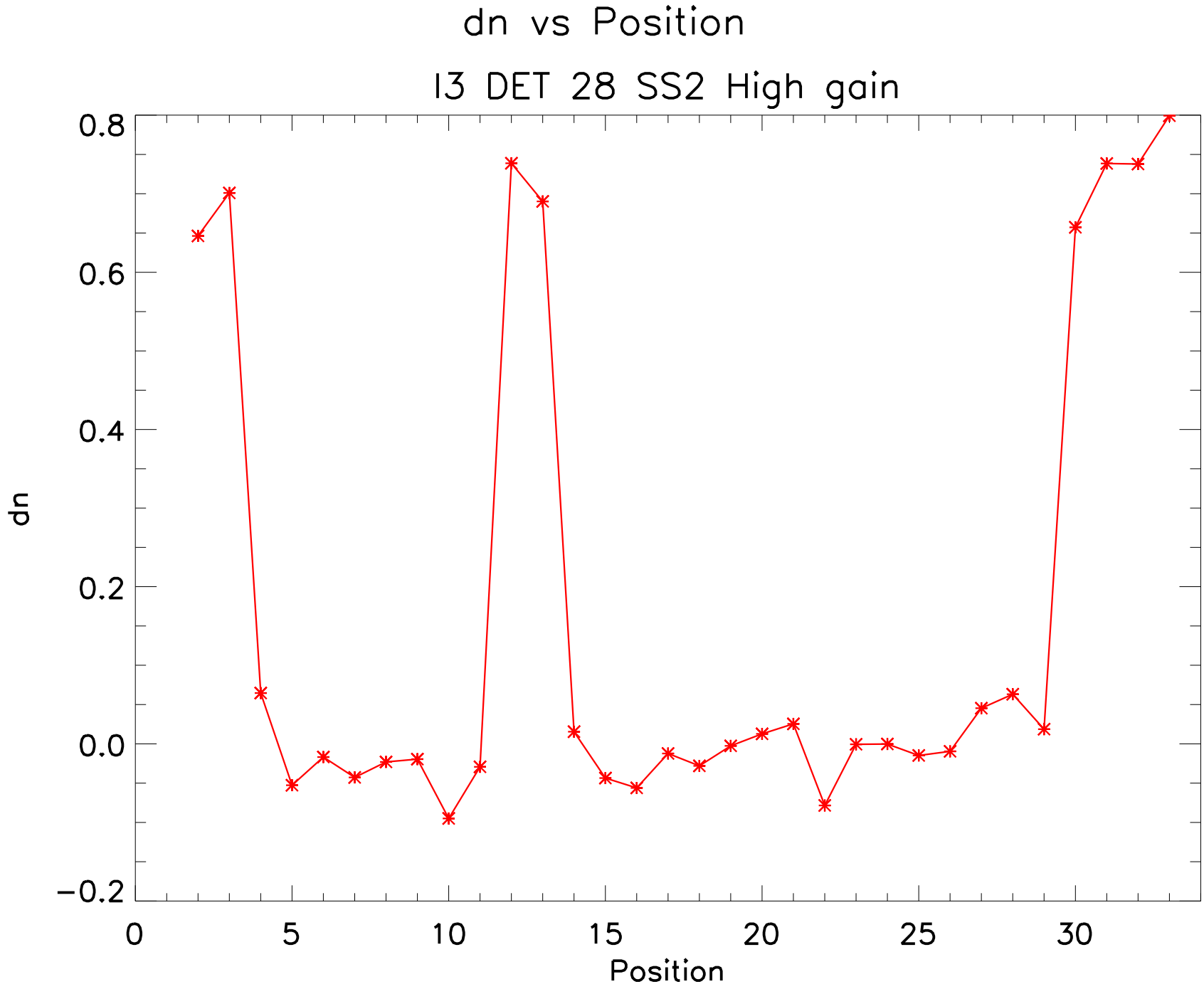

dn vs Position
I3 DET 26 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

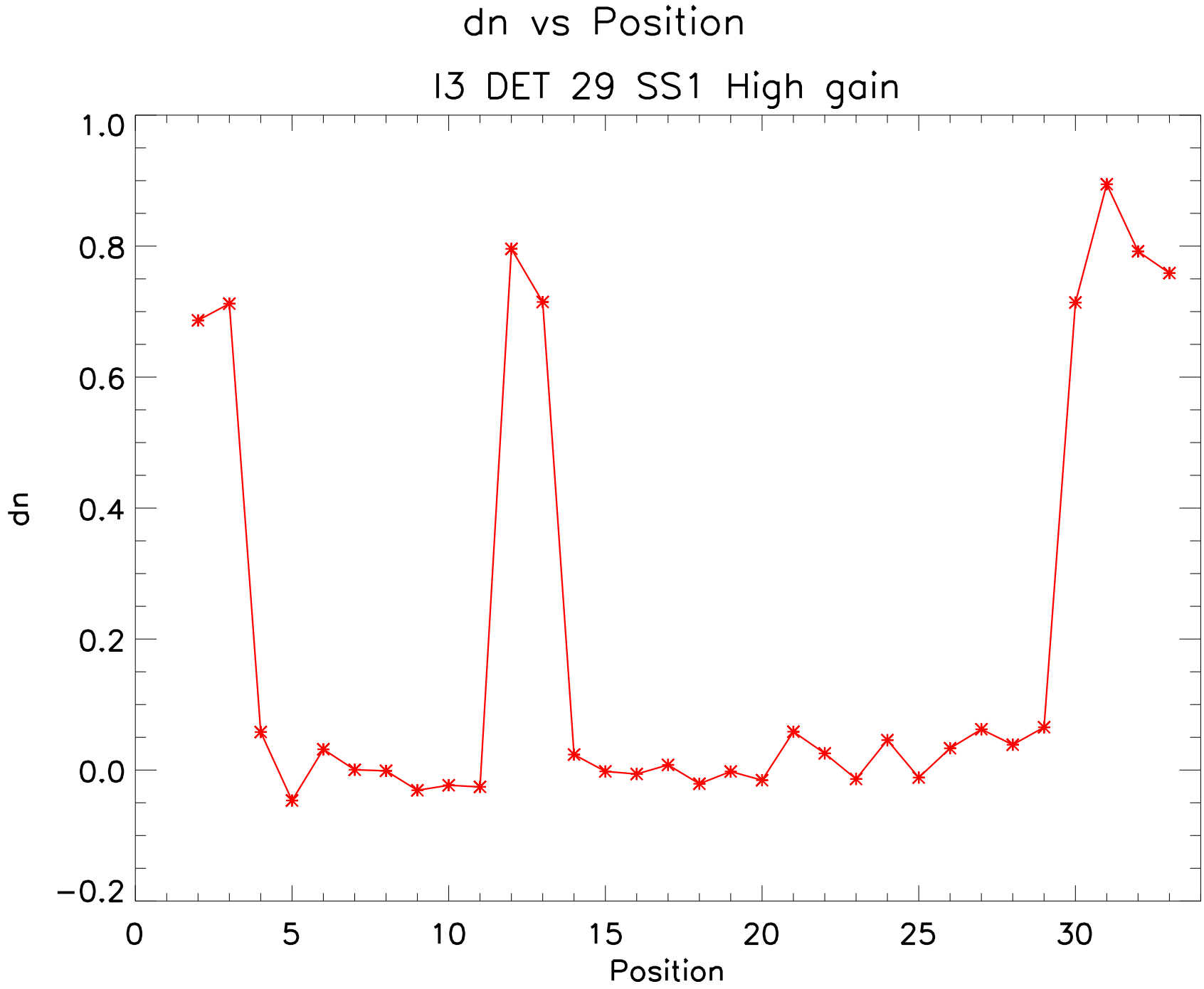

dn vs Position
I3 DET 26 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

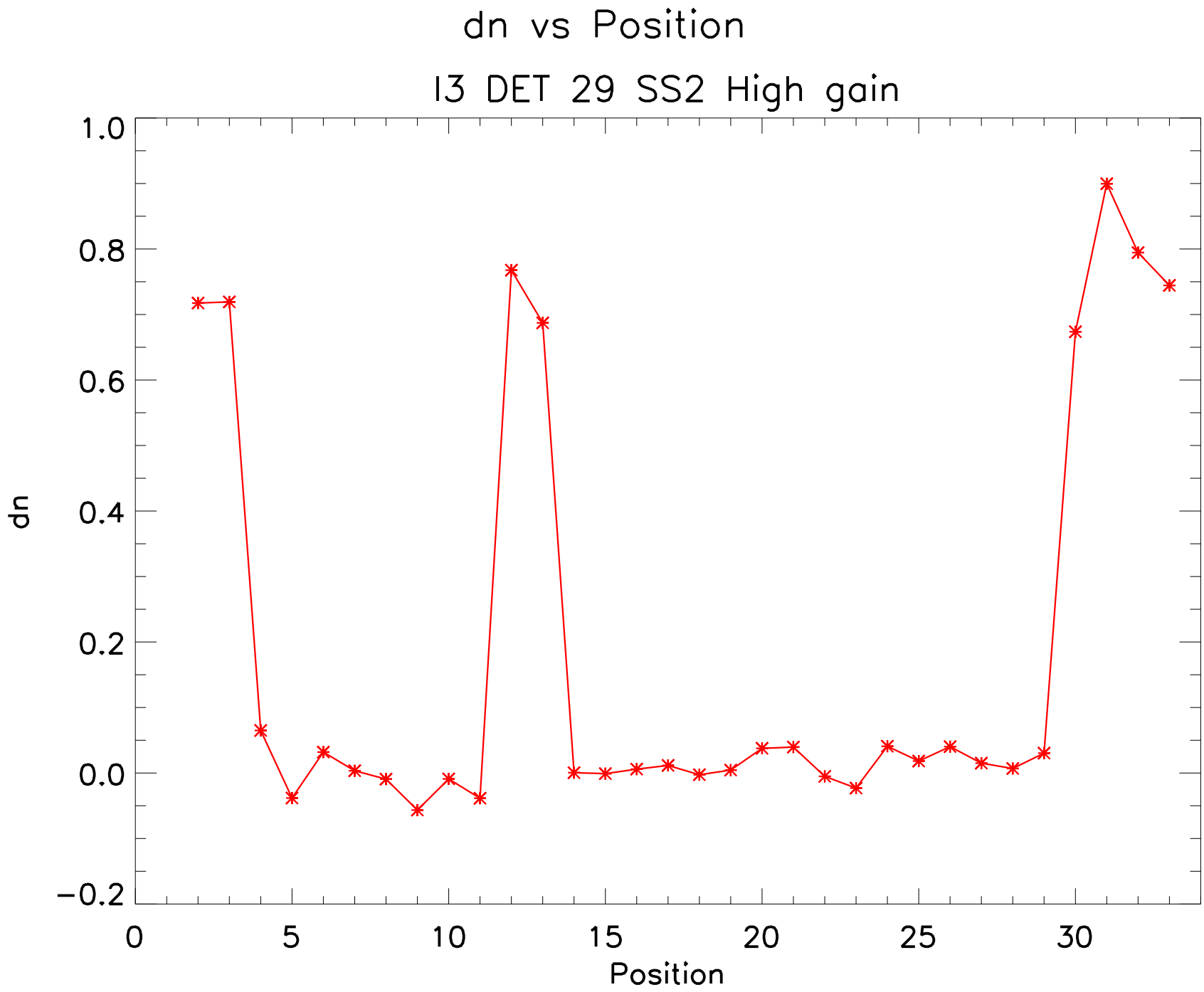

dn vs Position
I3 DET 27 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

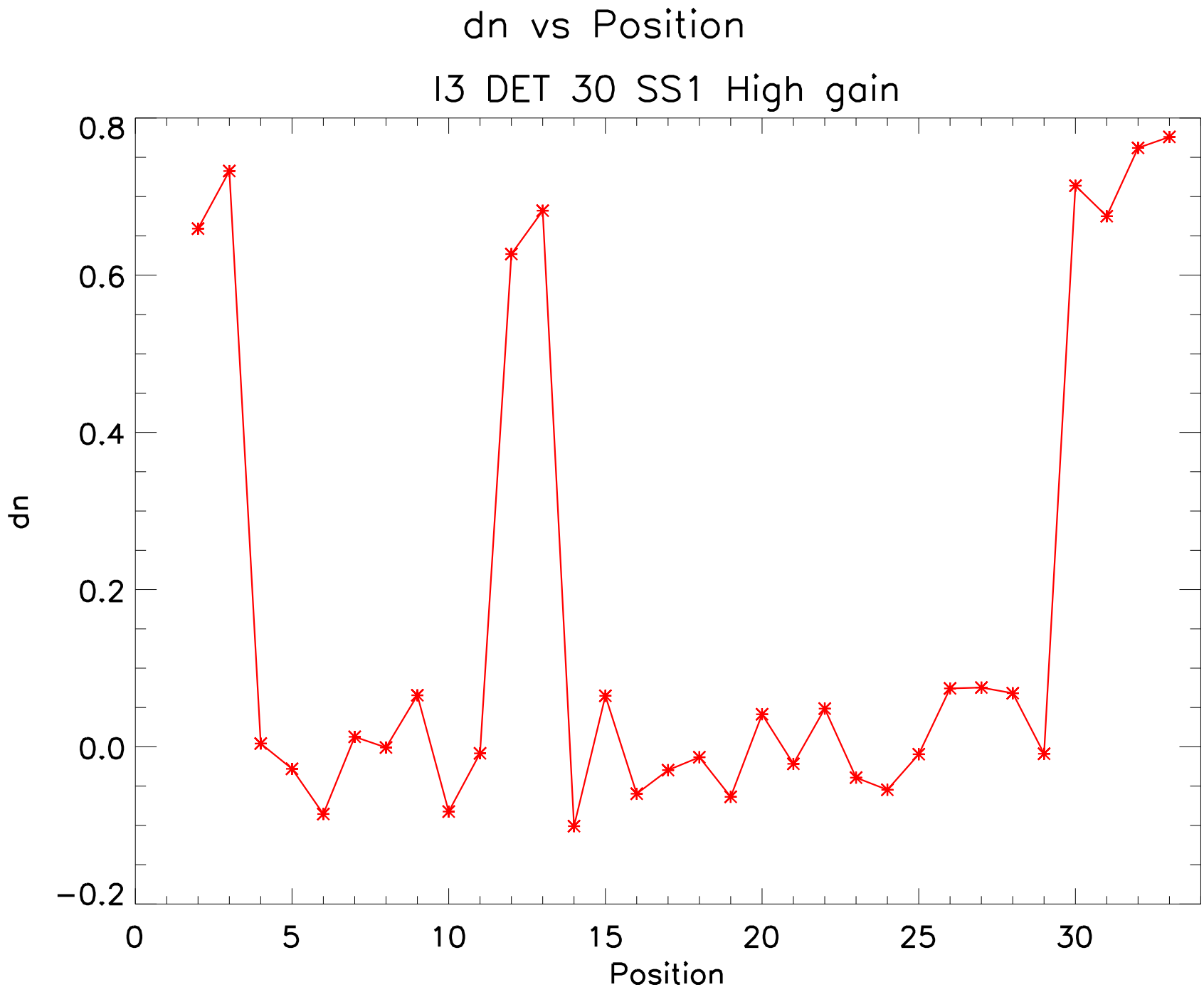

dn vs Position
I3 DET 27 SS2 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30
Position

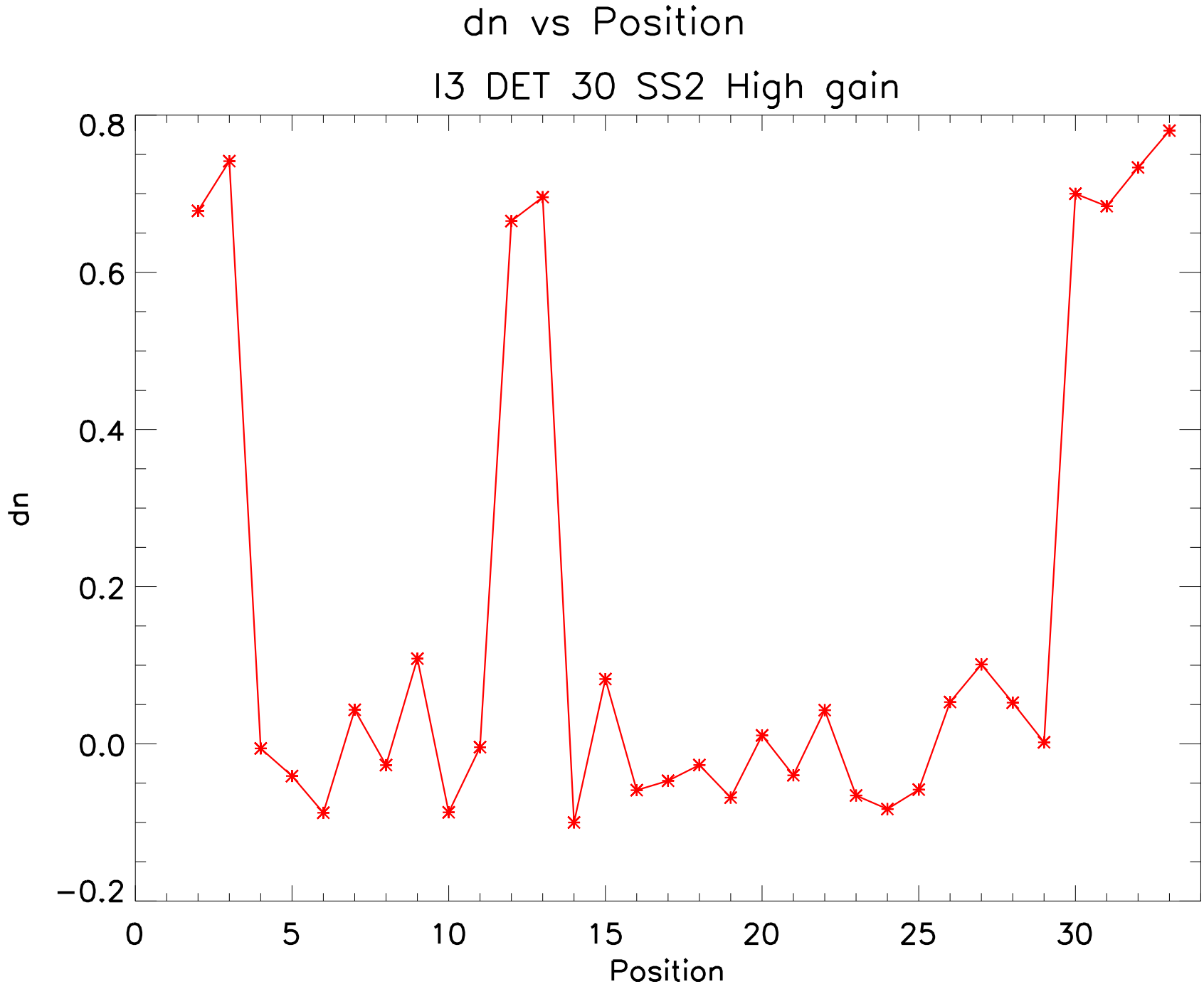

dn vs Position
I3 DET 28 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

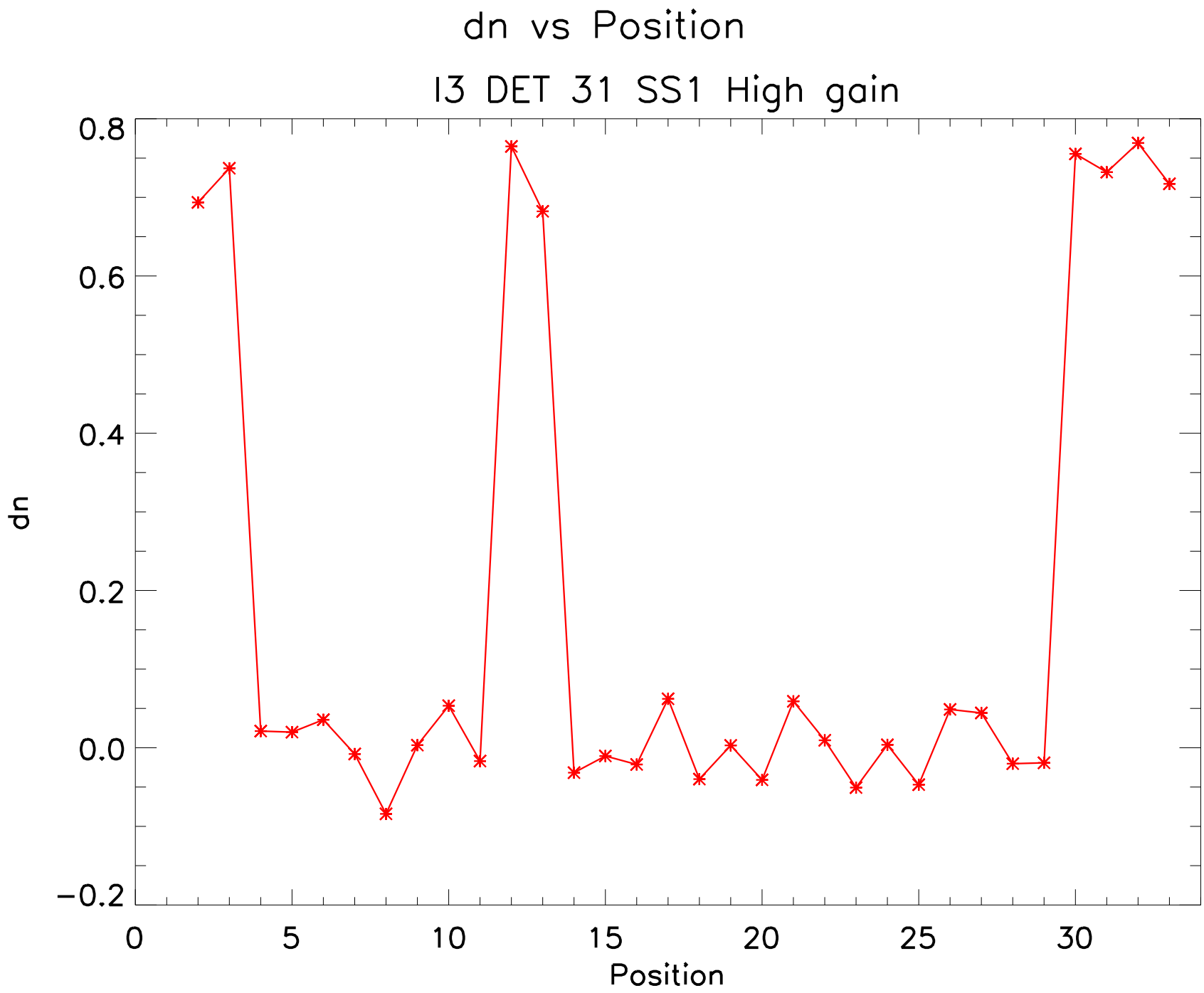

dn vs Position
I3 DET 28 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

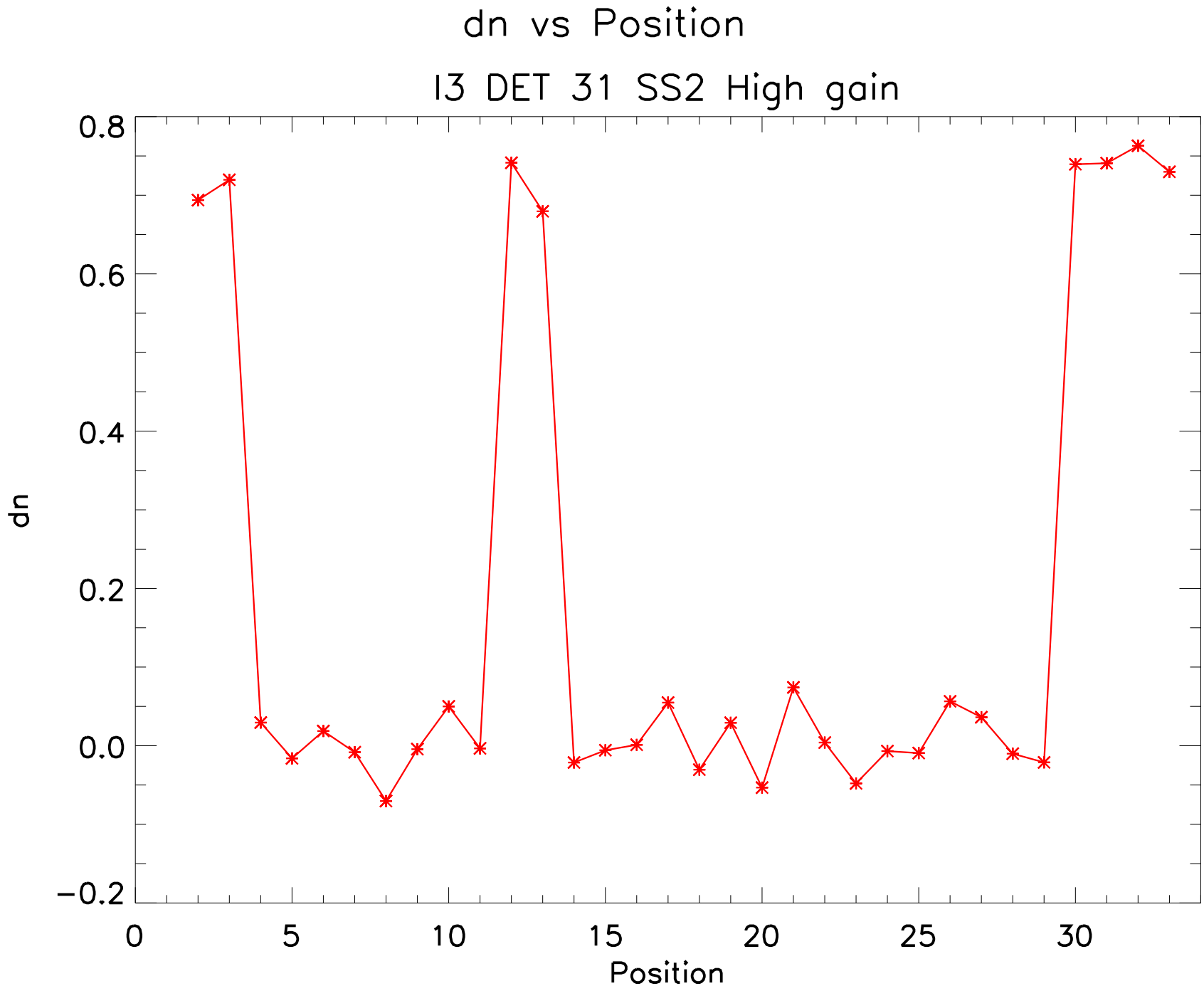

dn vs Position
I3 DET 29 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

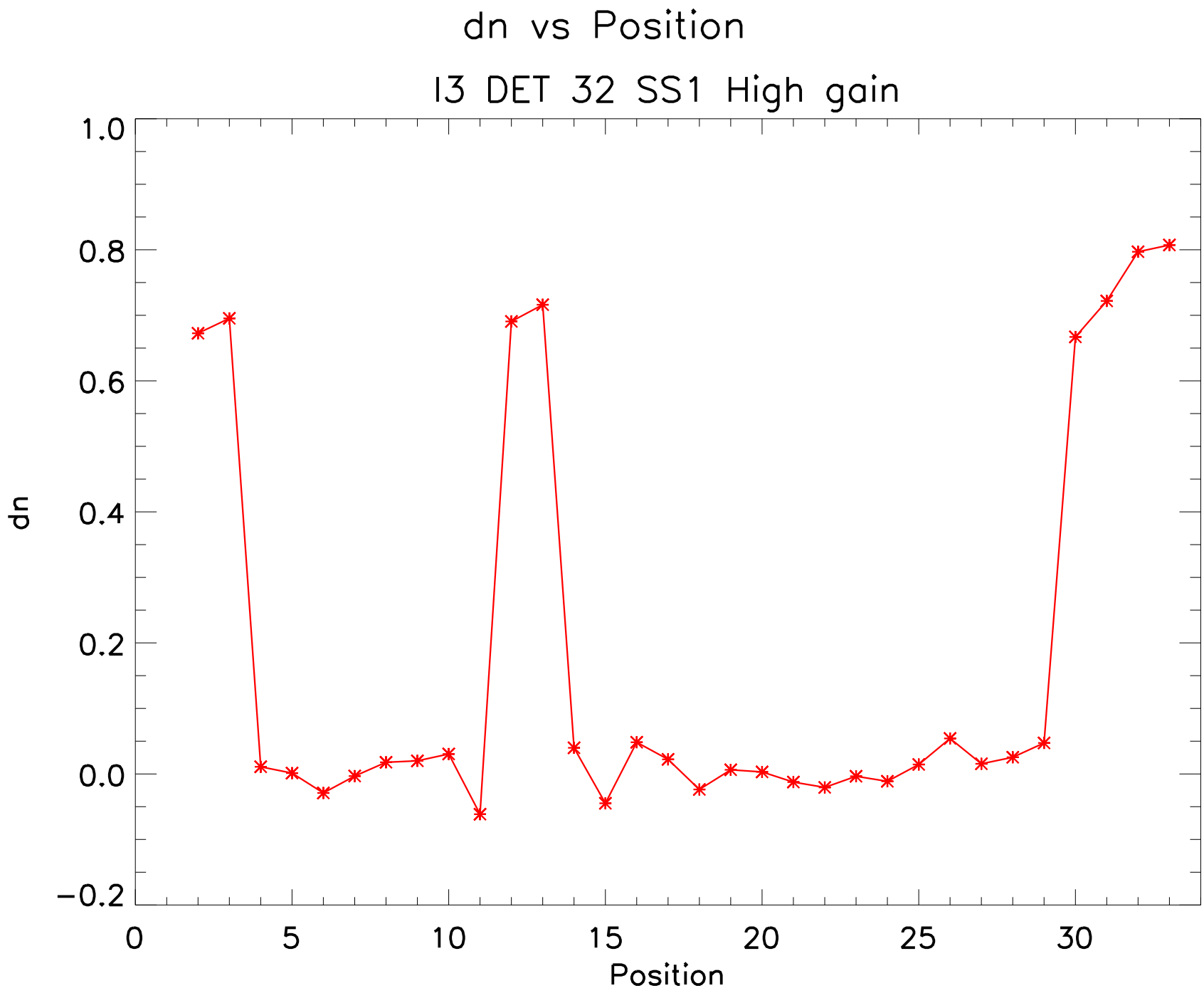

dn vs Position
I3 DET 29 SS2 High gain
dn
Position
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30

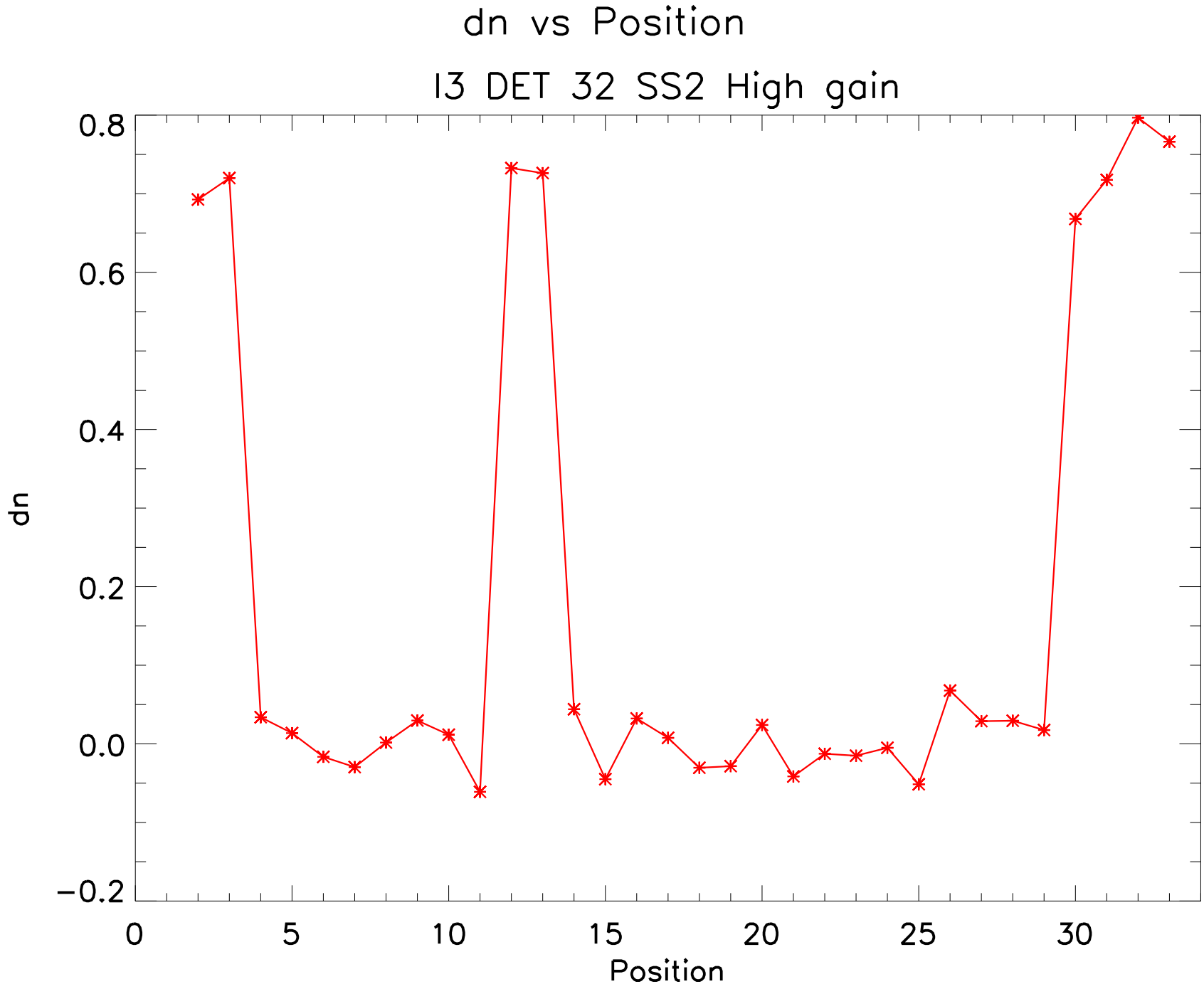

dn vs Position
I3 DET 30 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

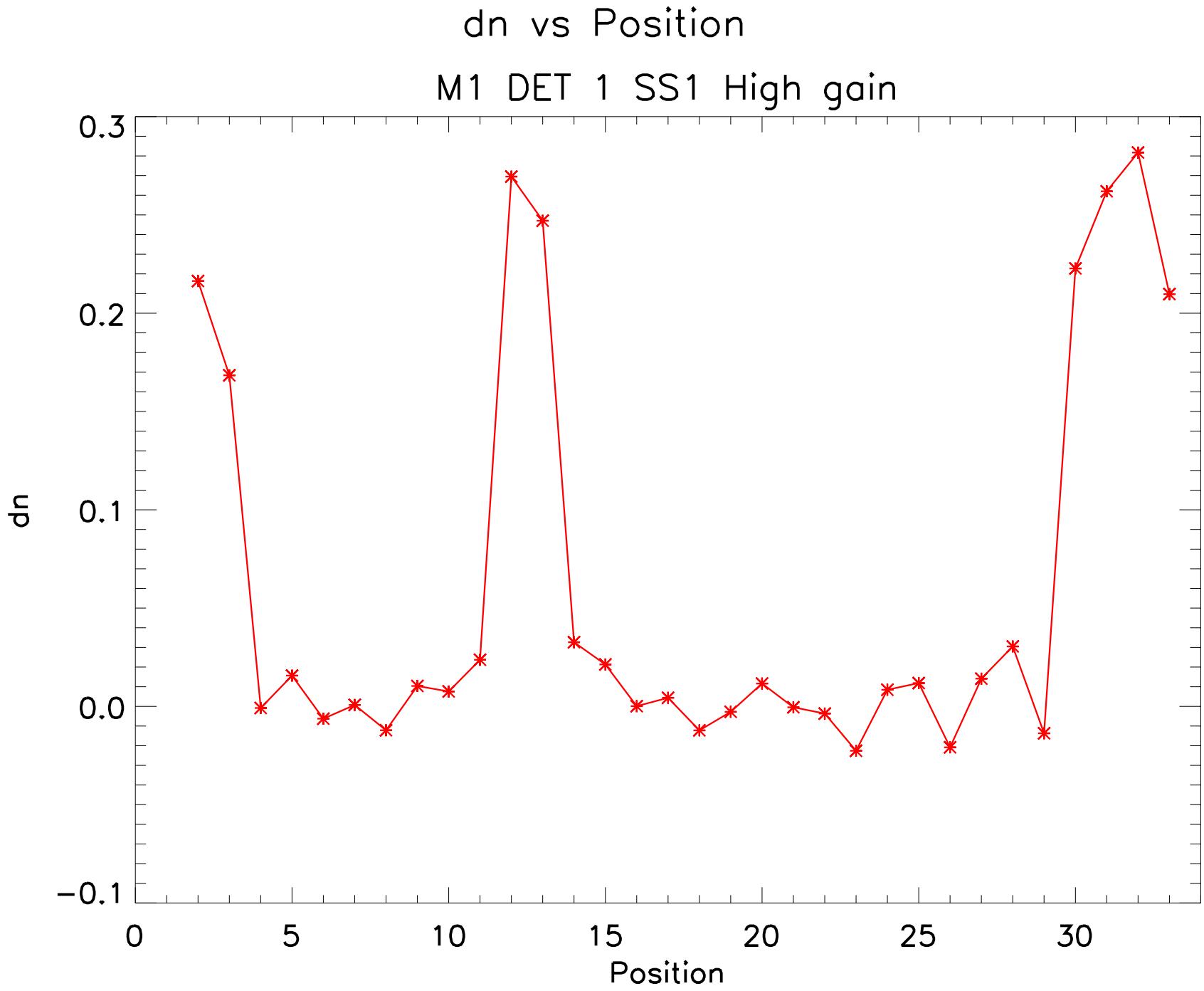

dn vs Position
I3 DET 30 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

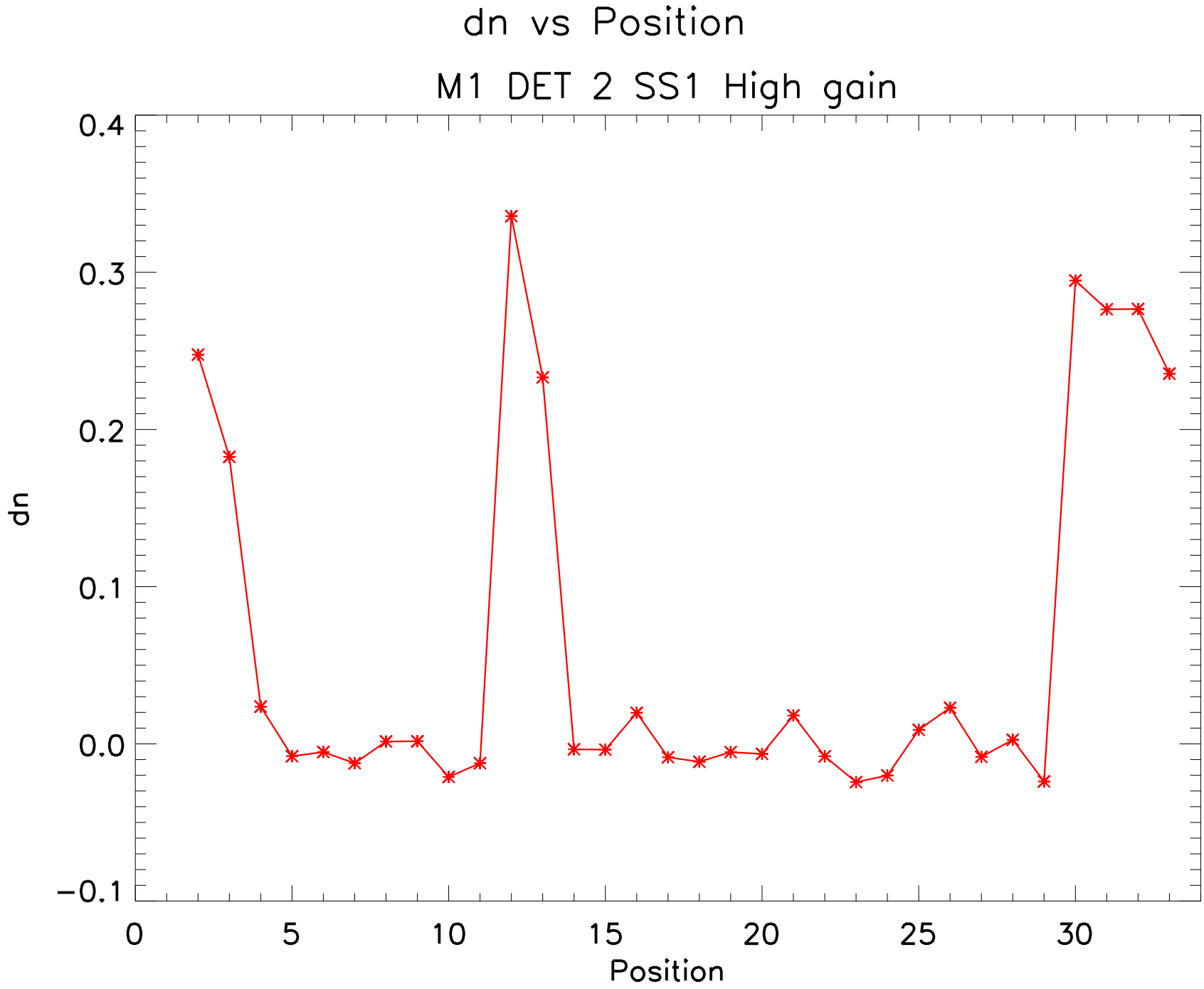

dn vs Position
I3 DET 31 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

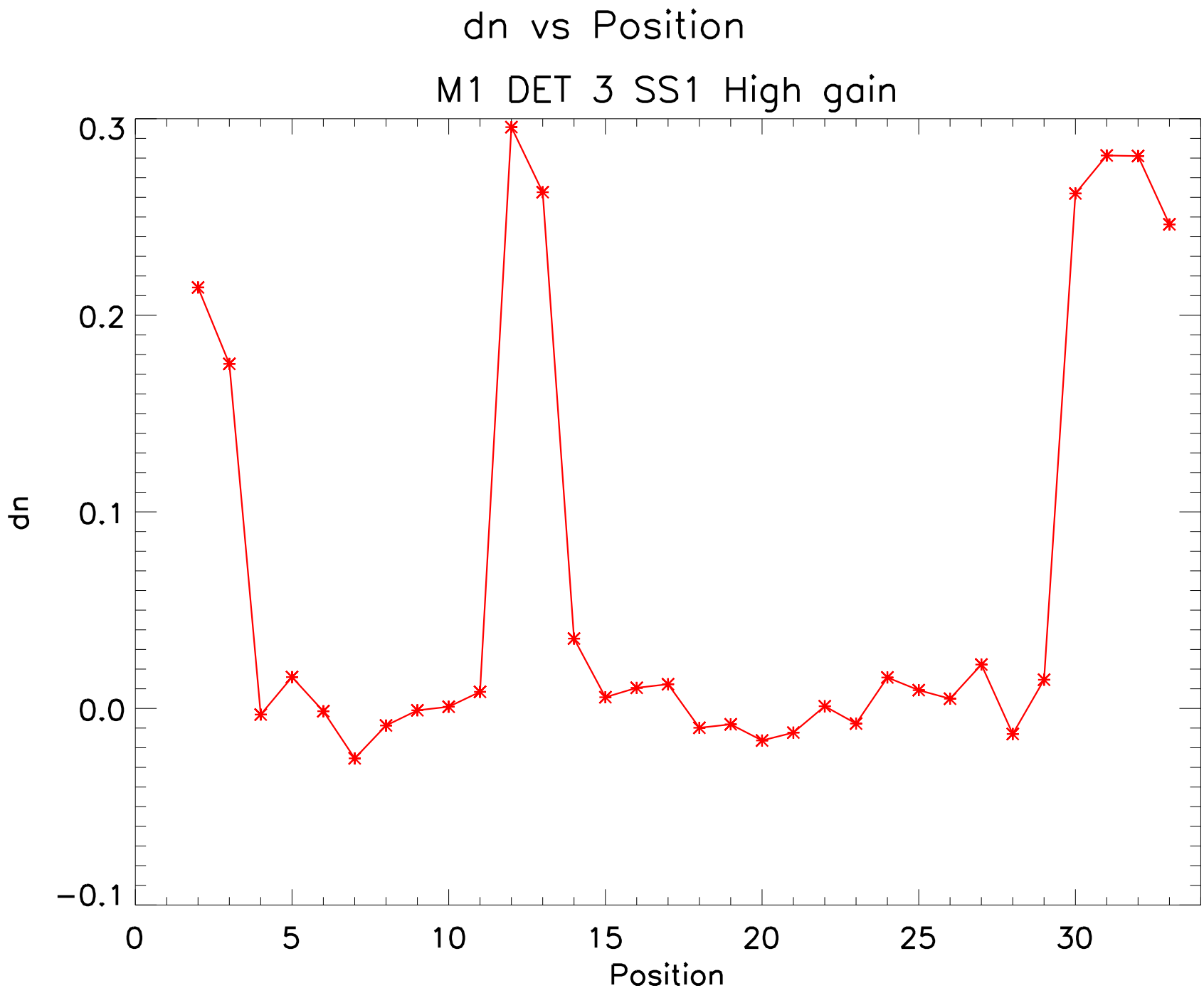

dn vs Position
I3 DET 31 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

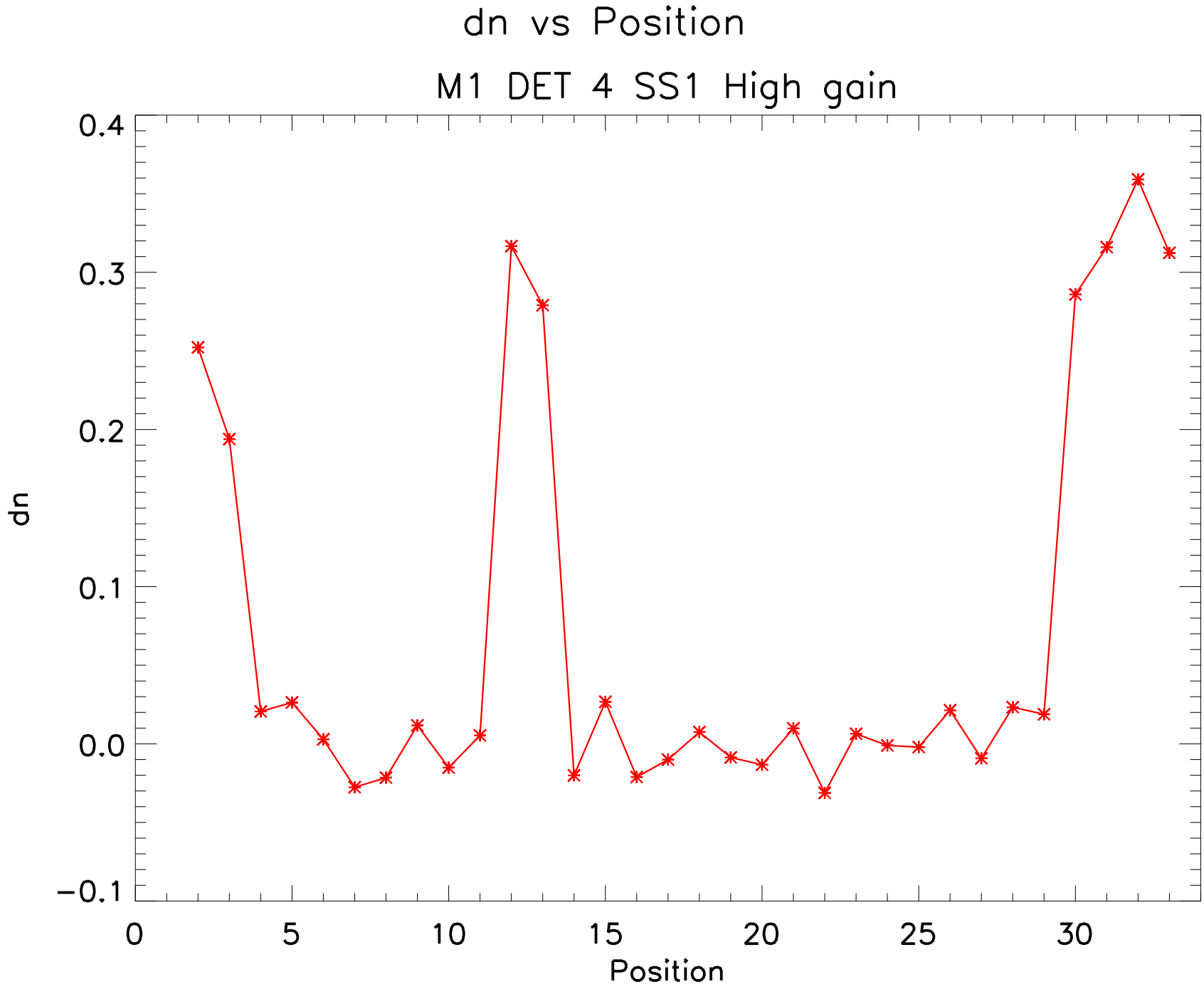

dn vs Position
I3 DET 32 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

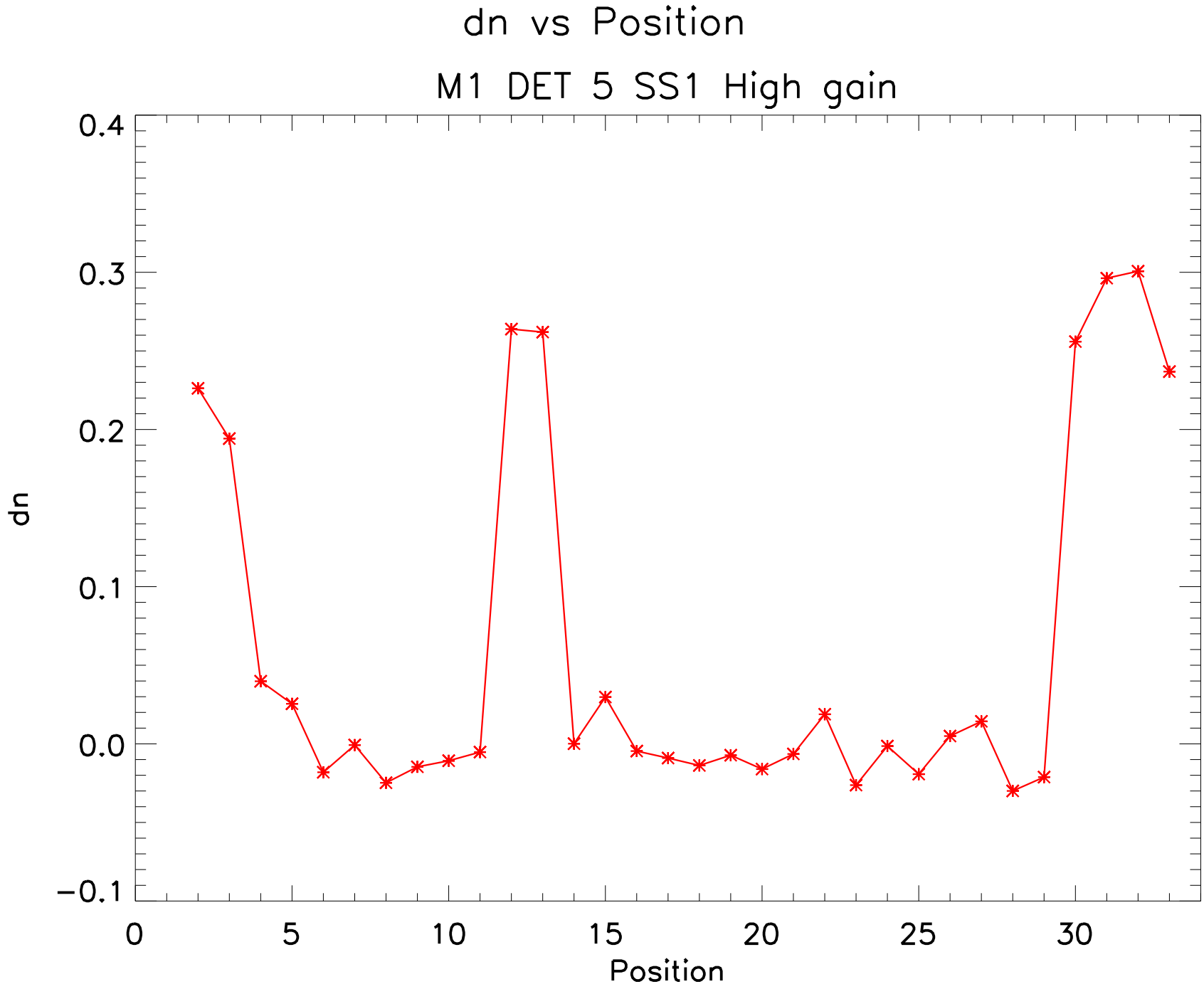

dn vs Position
I3 DET 32 SS2 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position

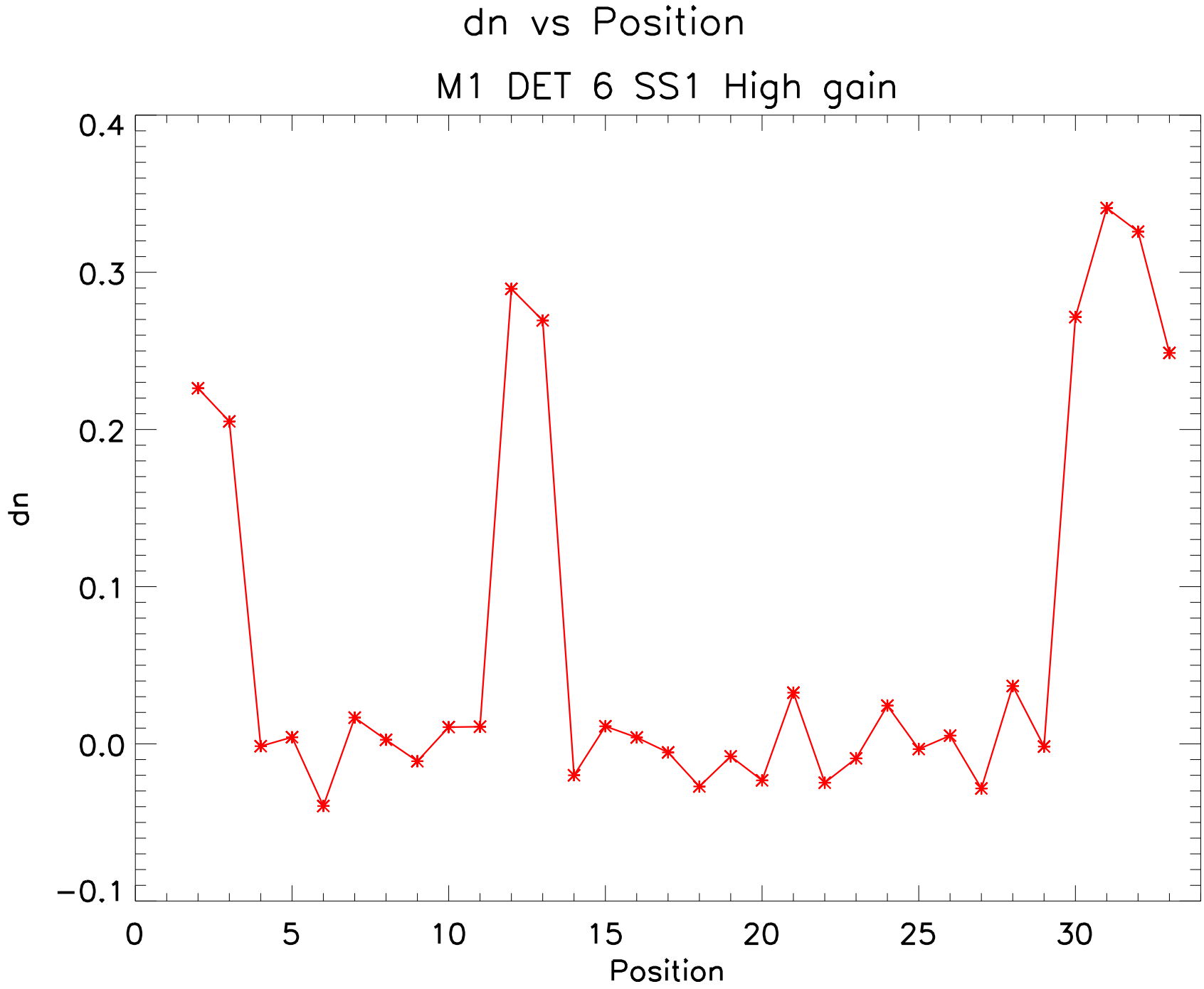

dn vs Position
M1 DET 1 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 2 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 3 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 4 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 5 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 6 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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10
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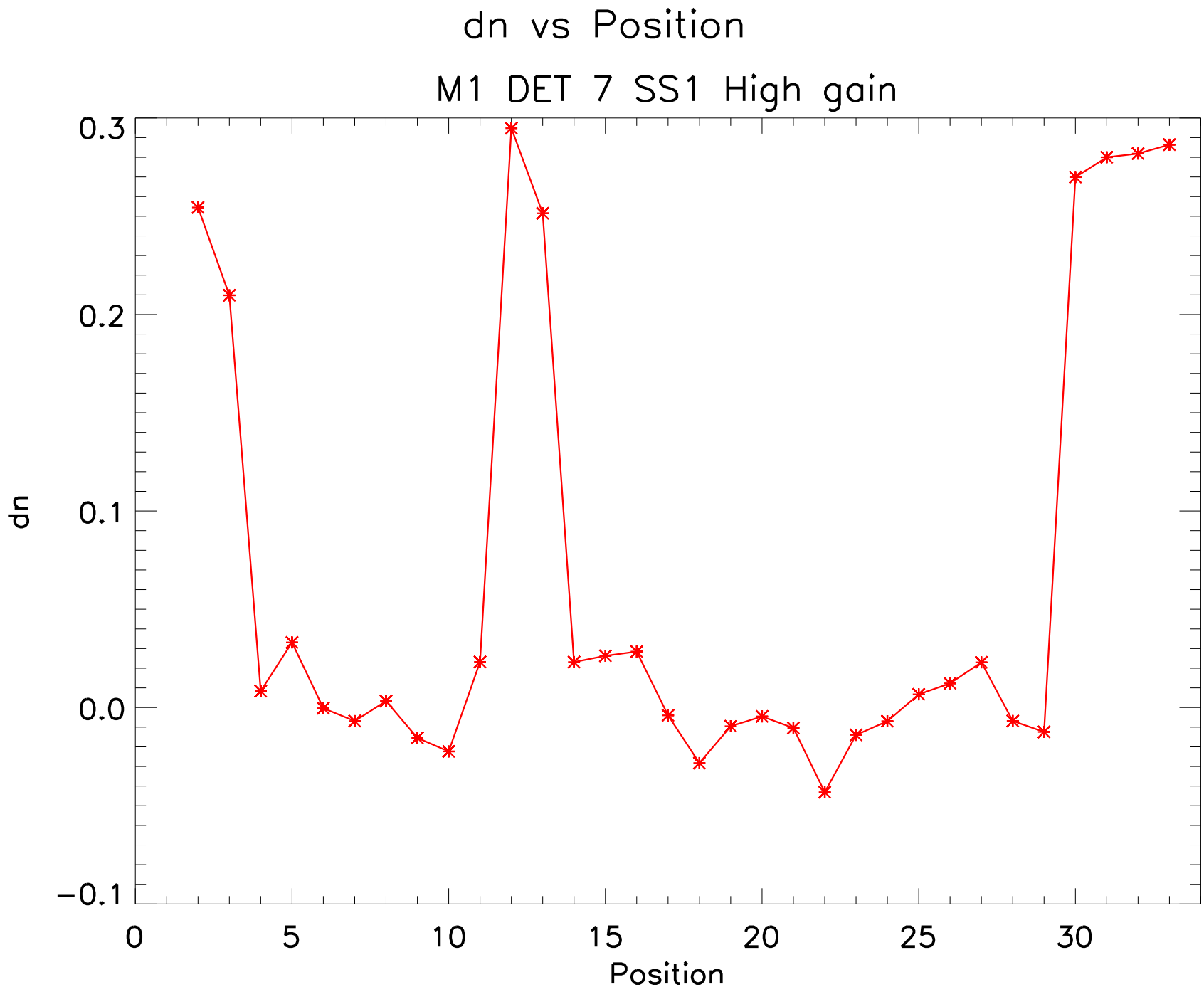
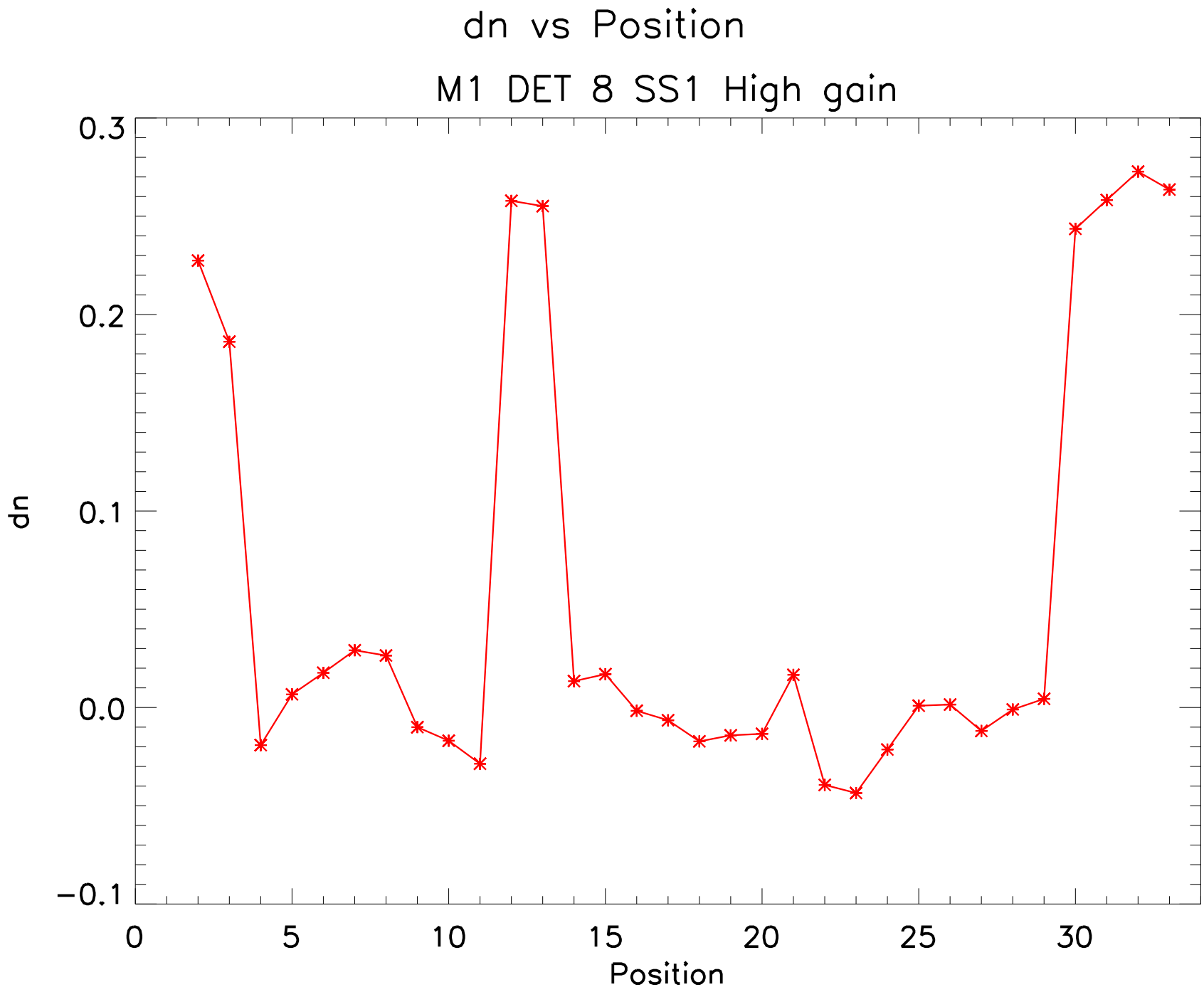
20
25
30
Position


dn vs Position
M1 DET 7 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 8 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
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10
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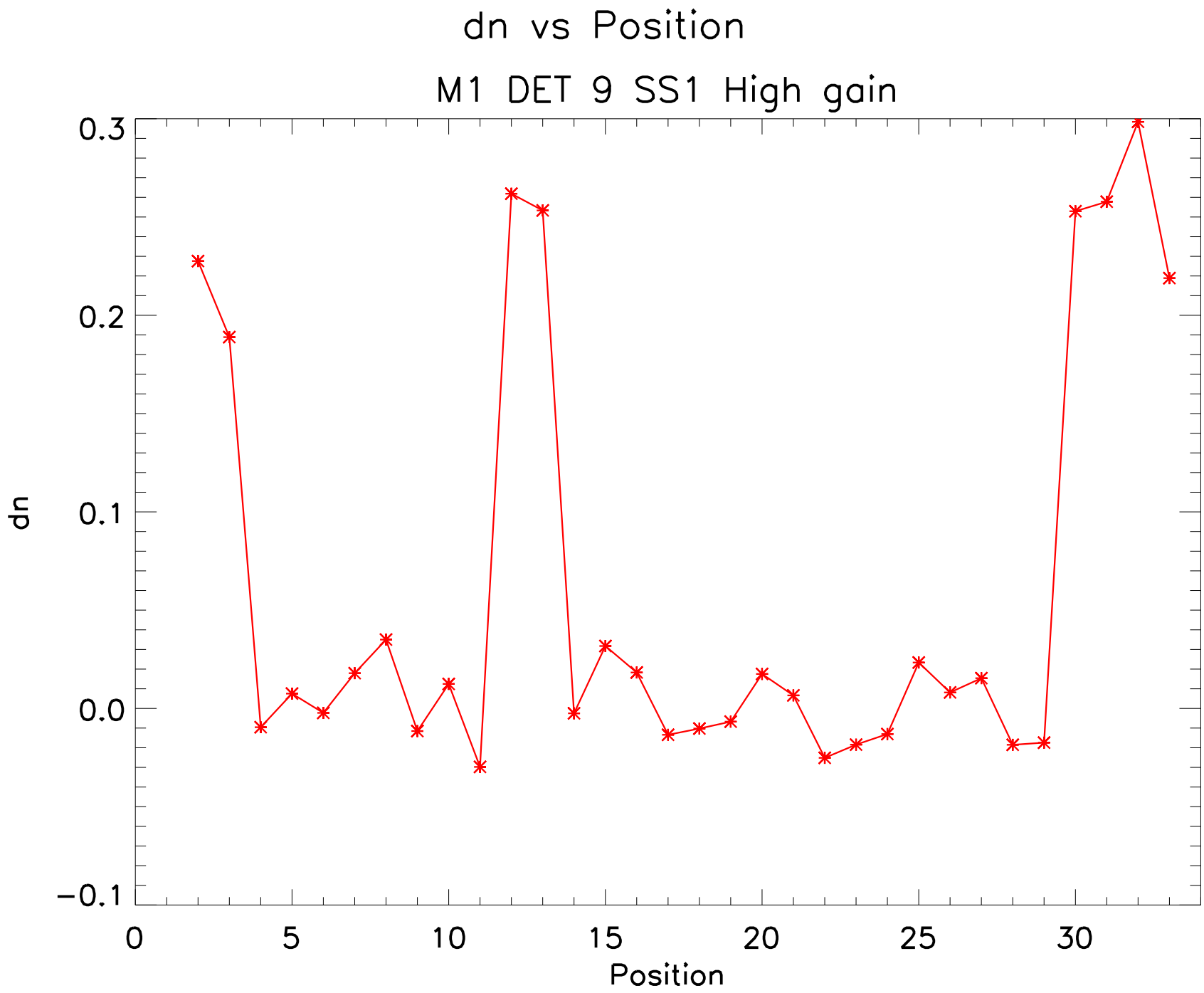
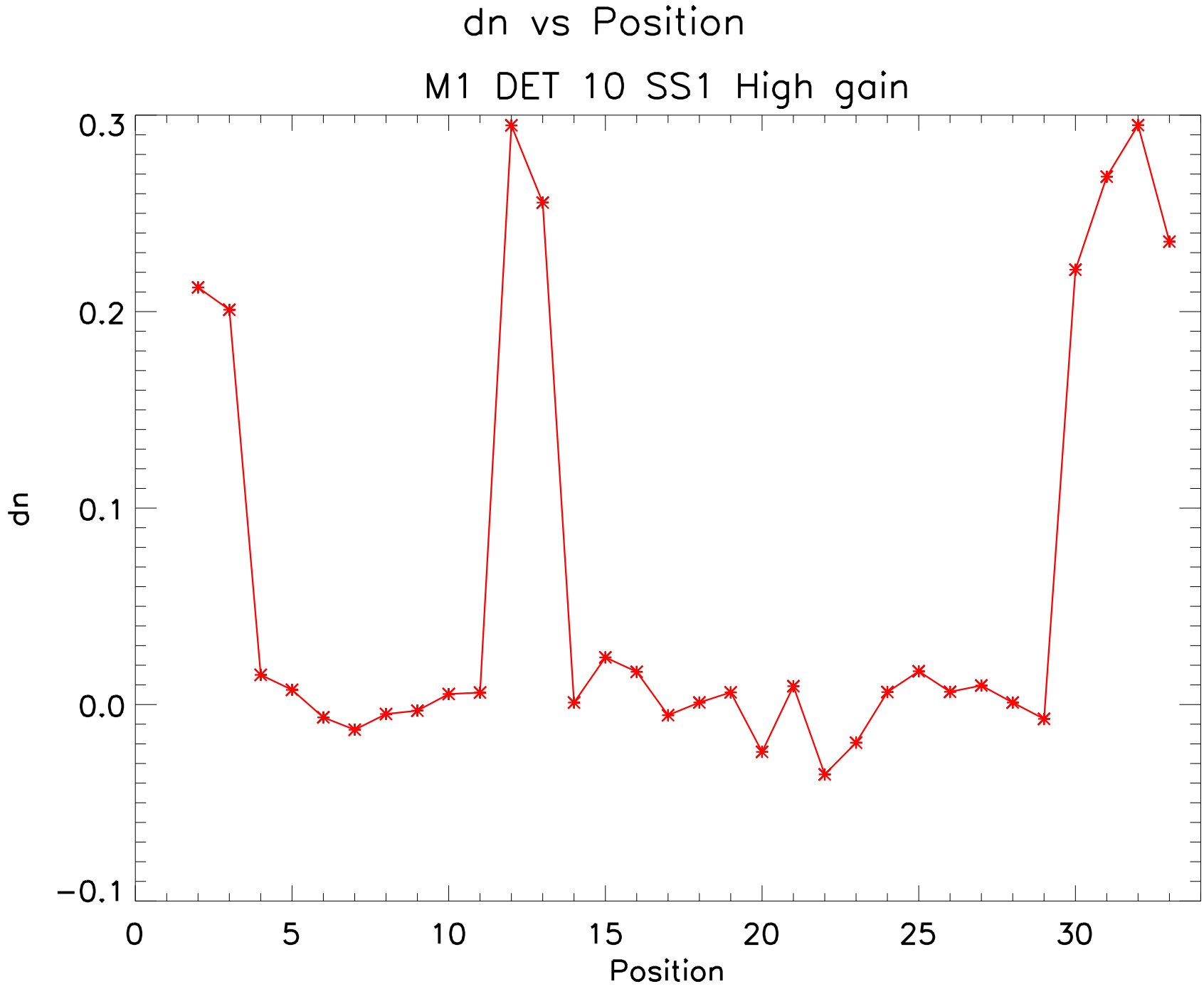
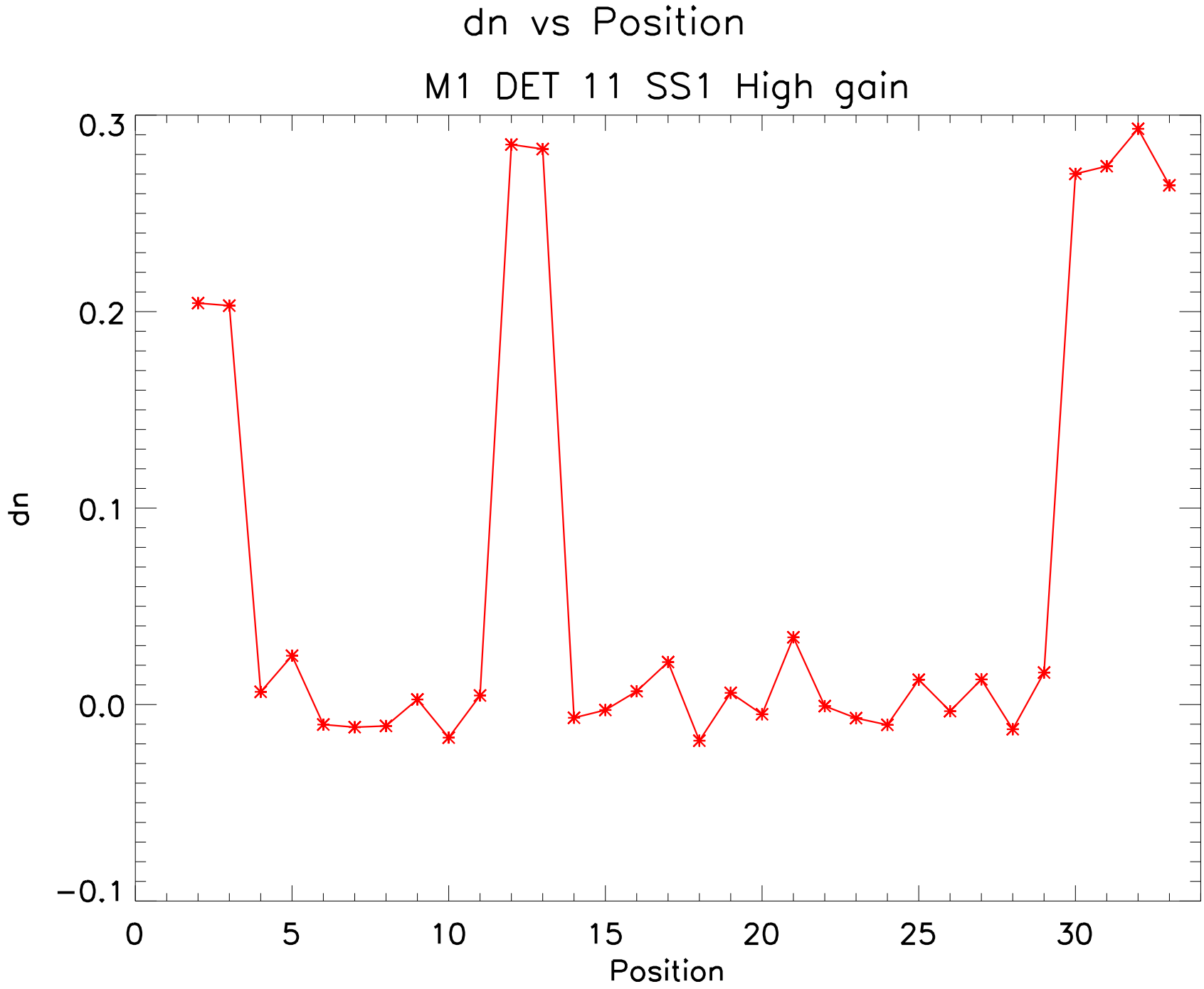
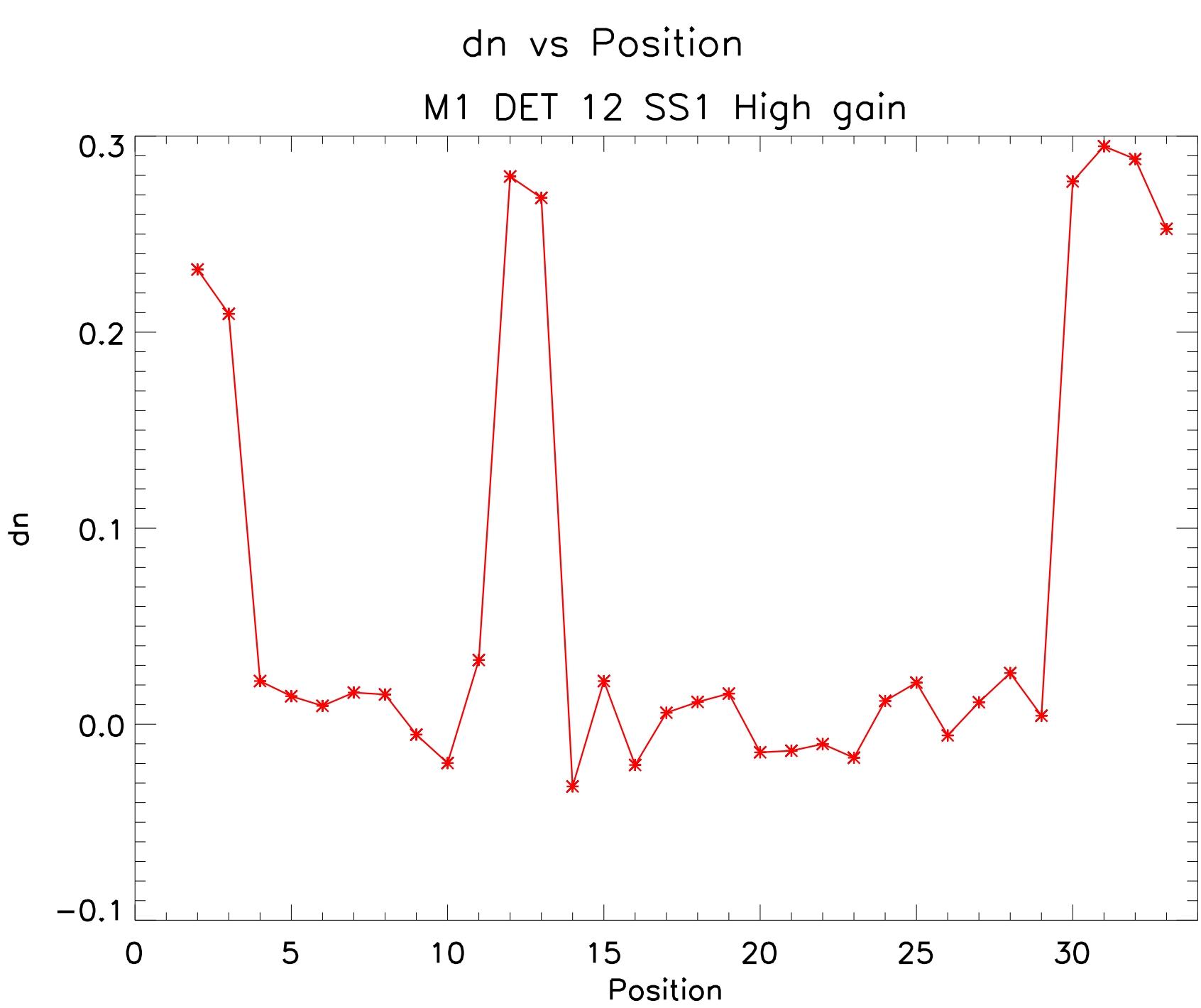
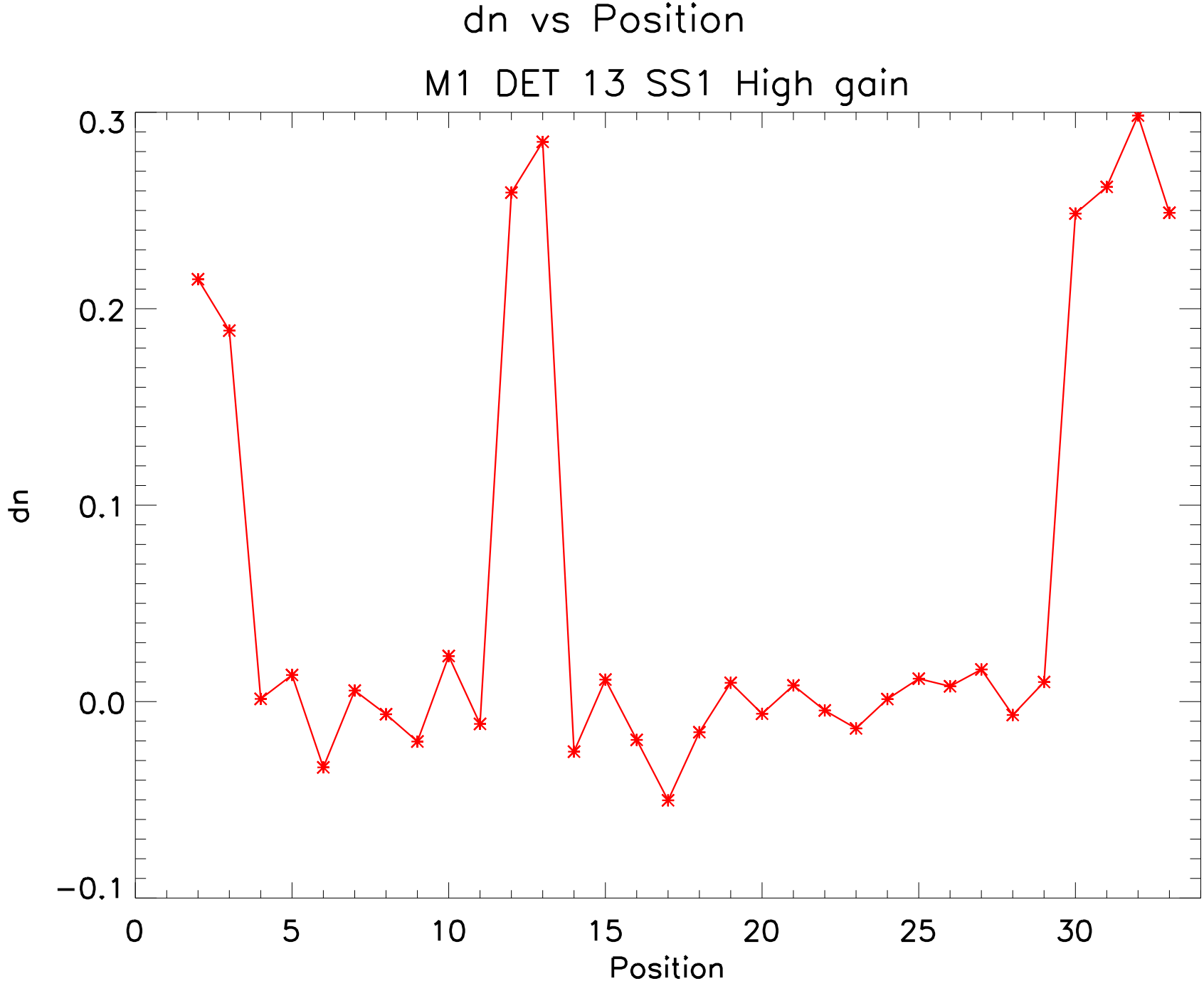
20
25
30
Position


dn vs Position
M1 DET 9 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 10 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 11 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 12 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M1 DET 13 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
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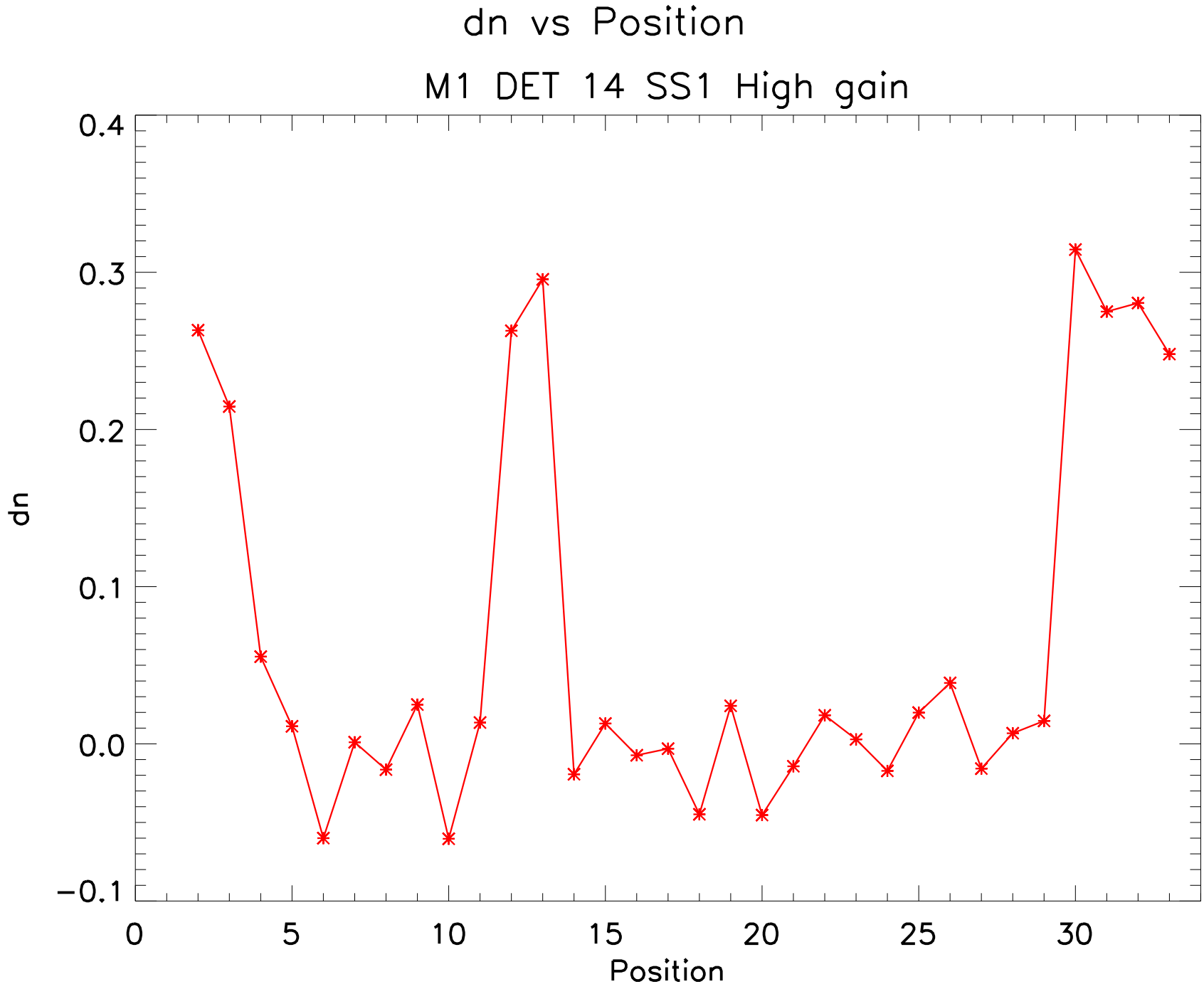
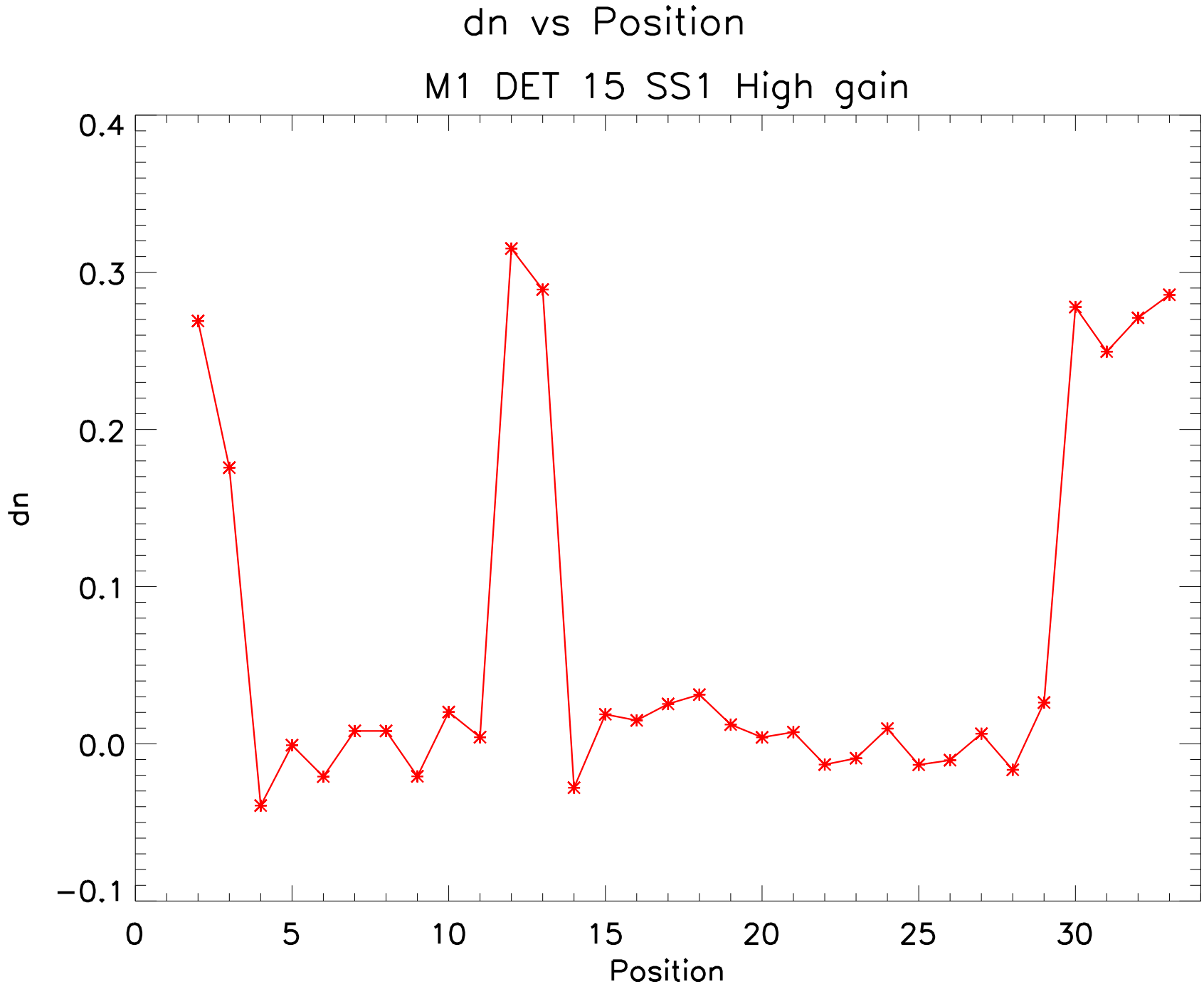
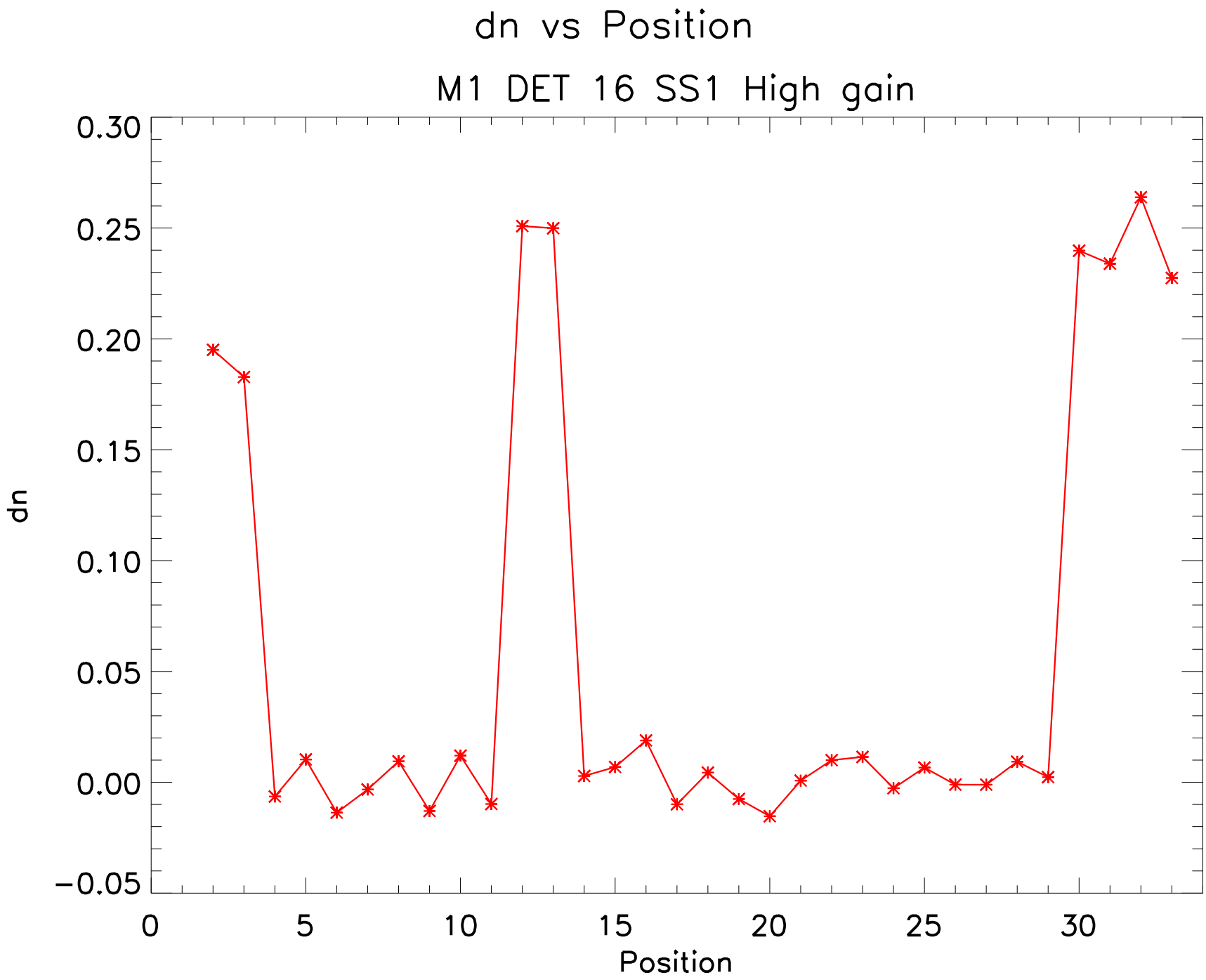
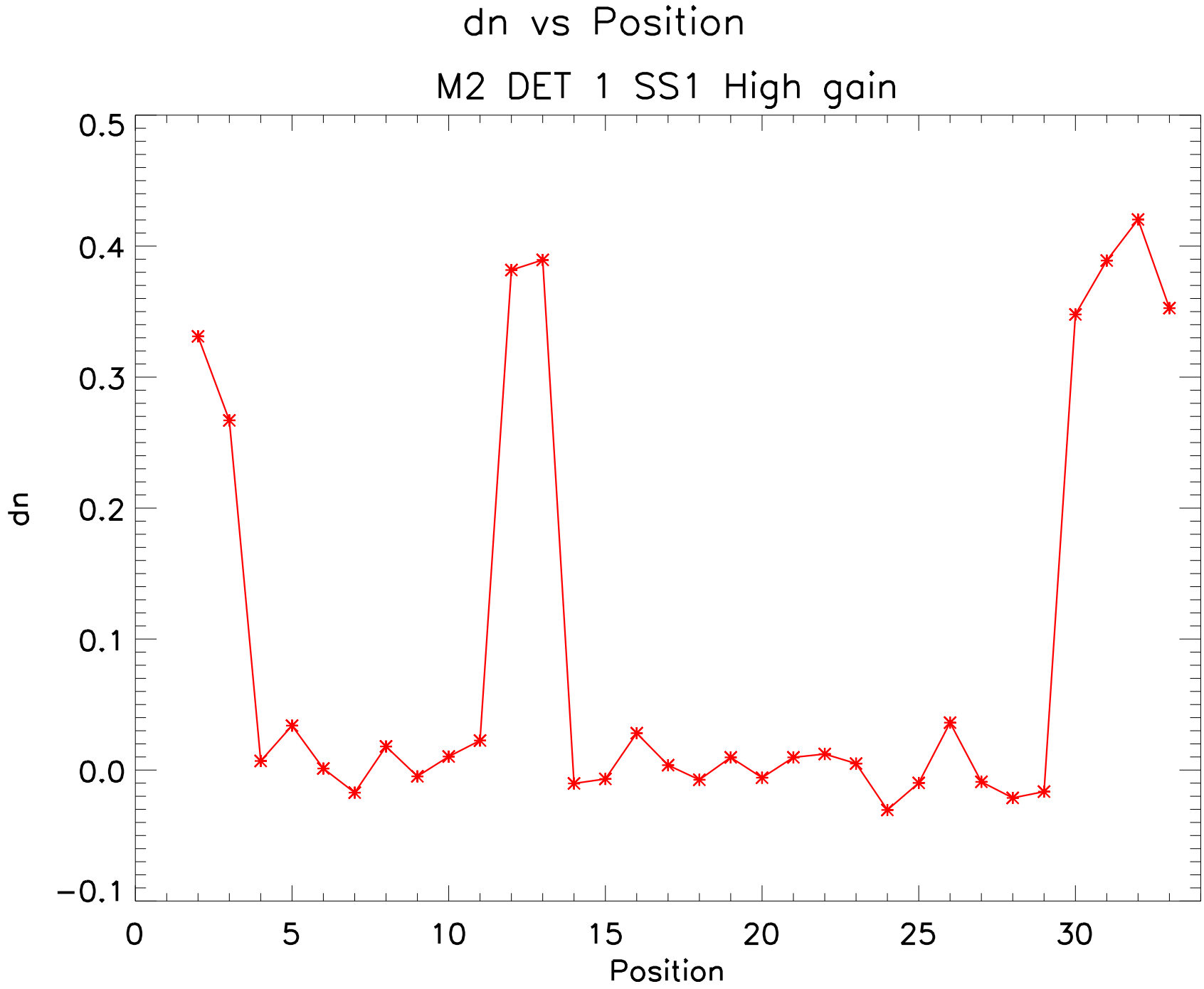
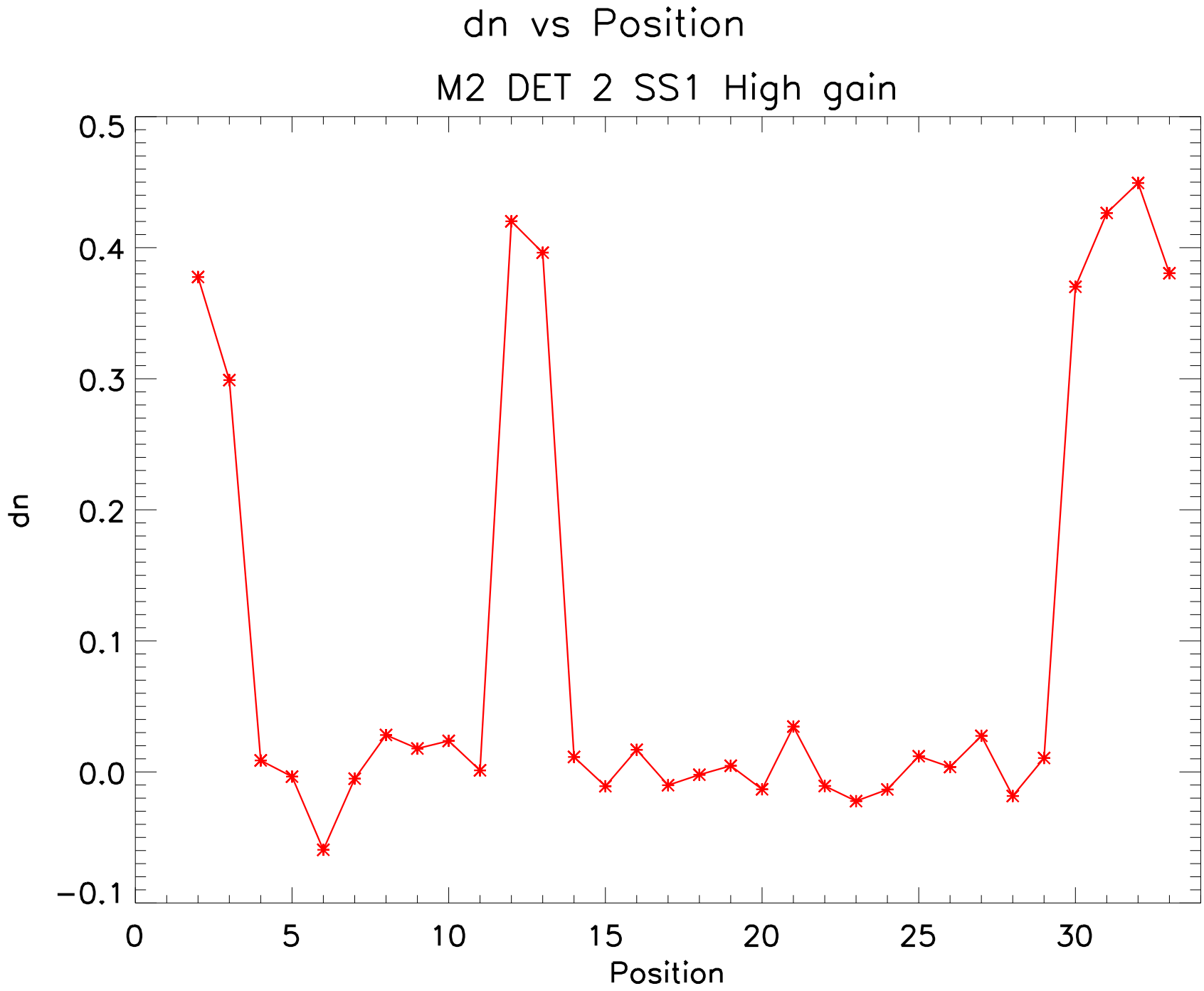
20
25
30
Position

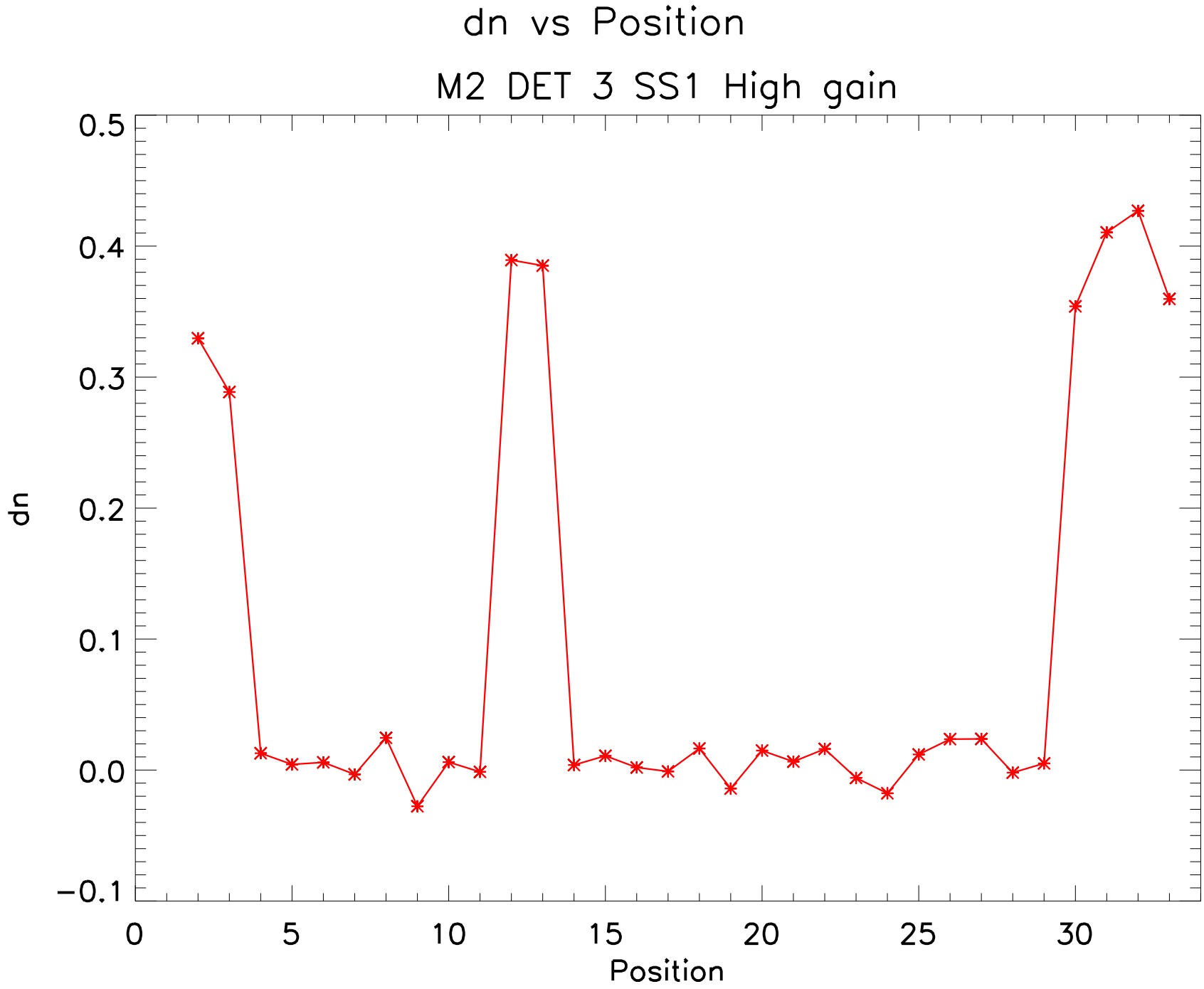

dn vs Position
M1 DET 14 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

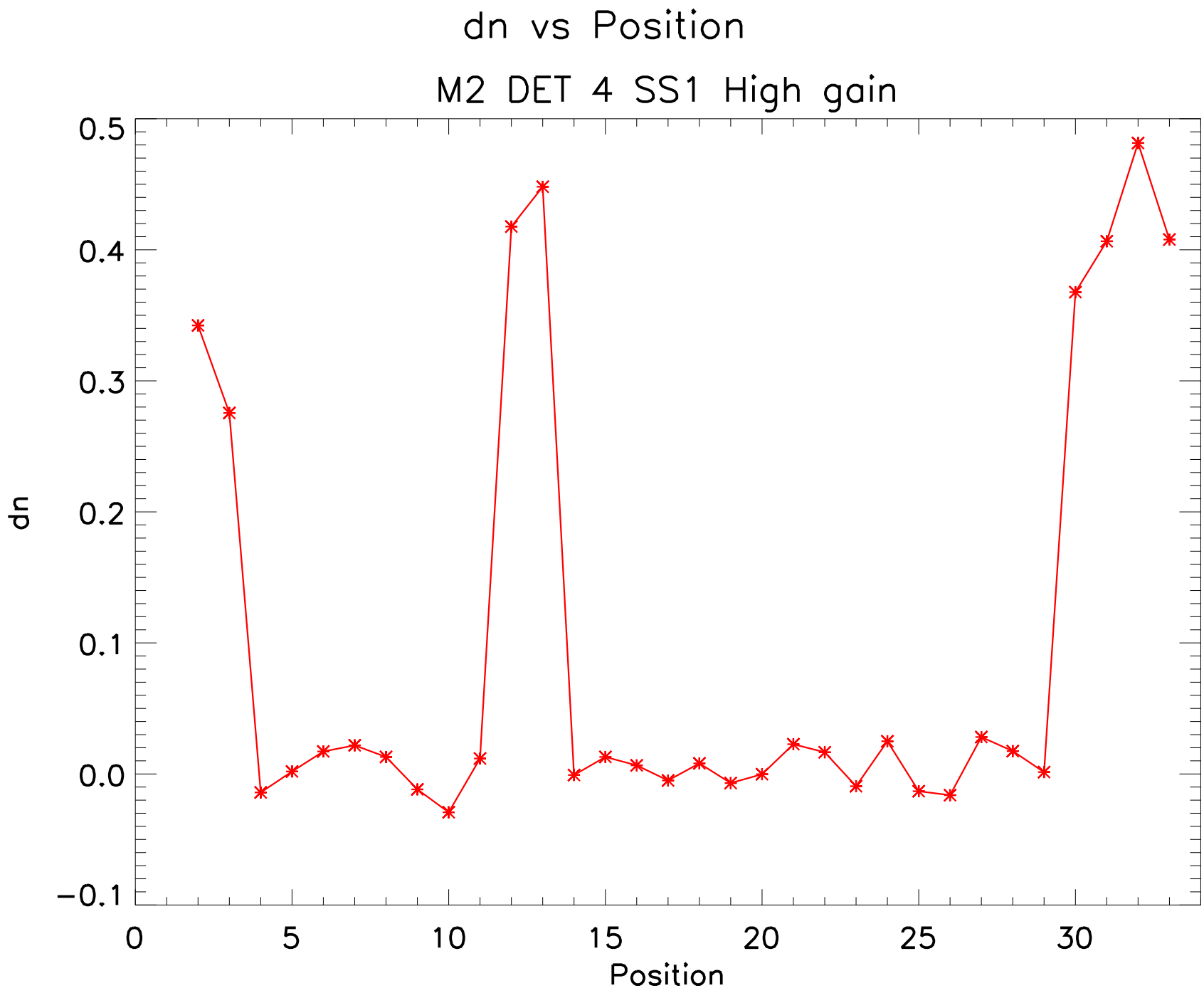

dn vs Position
M1 DET 15 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

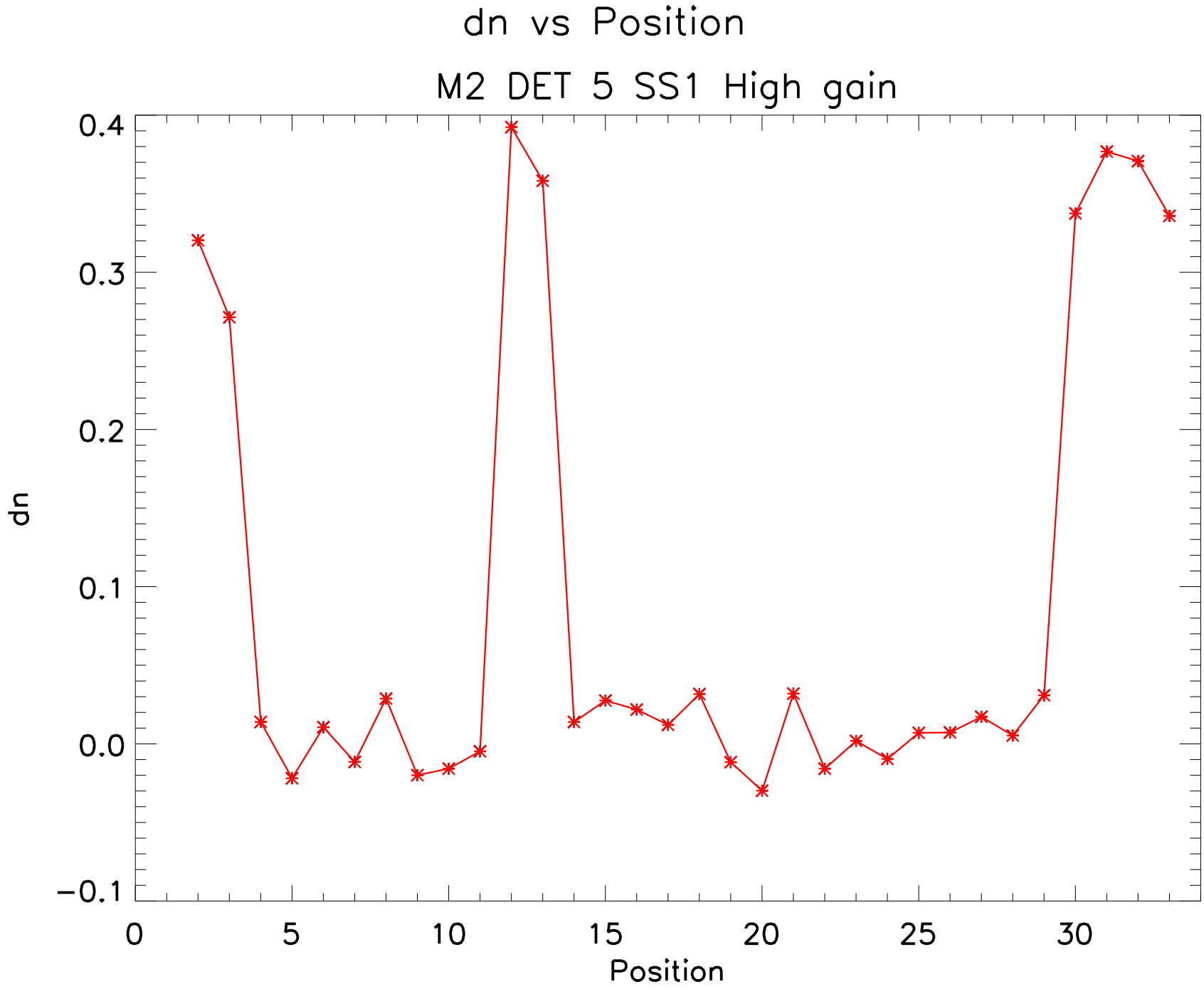

dn vs Position
M1 DET 16 SS1 High gain
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

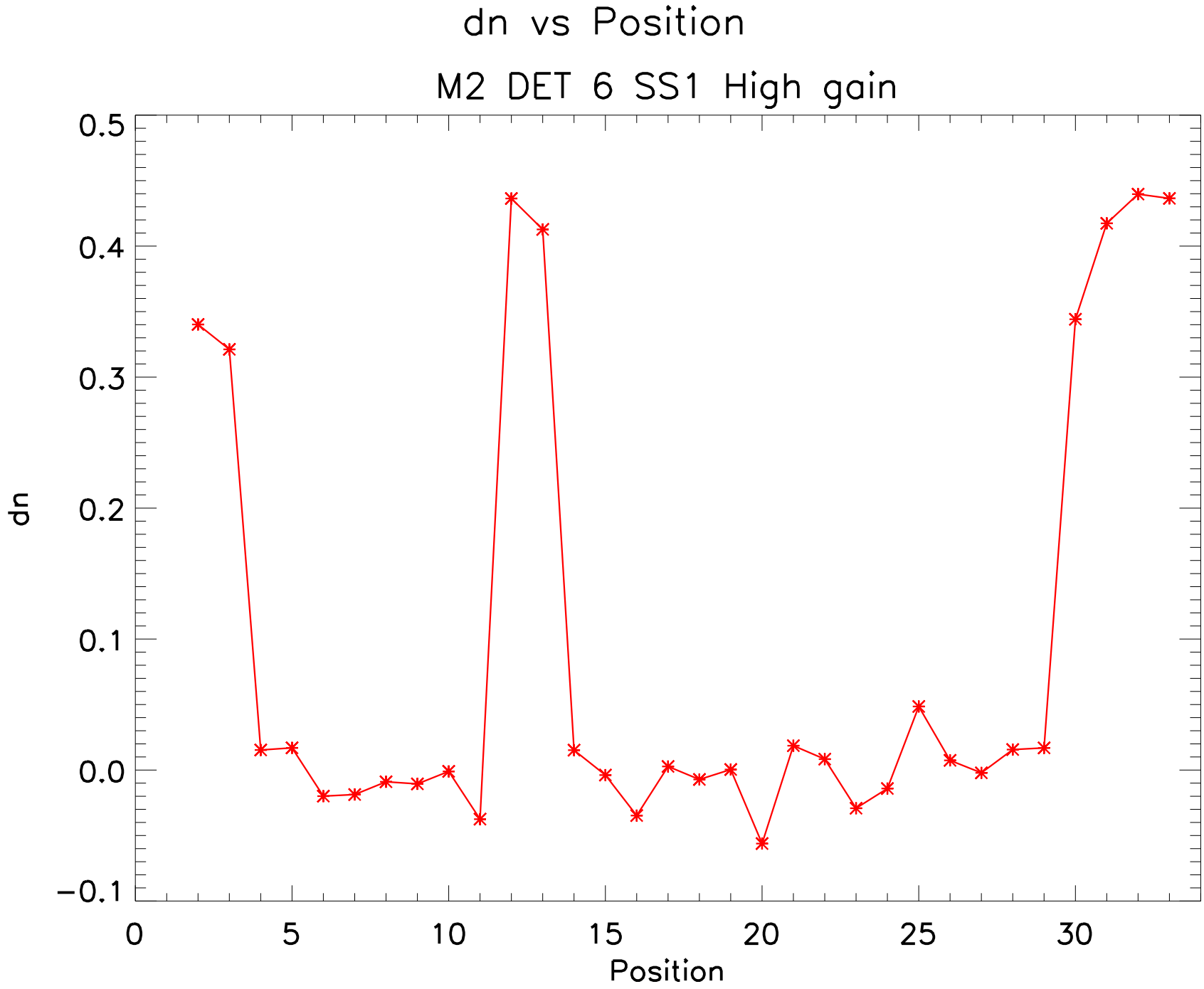

dn vs Position
M2 DET 1 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30

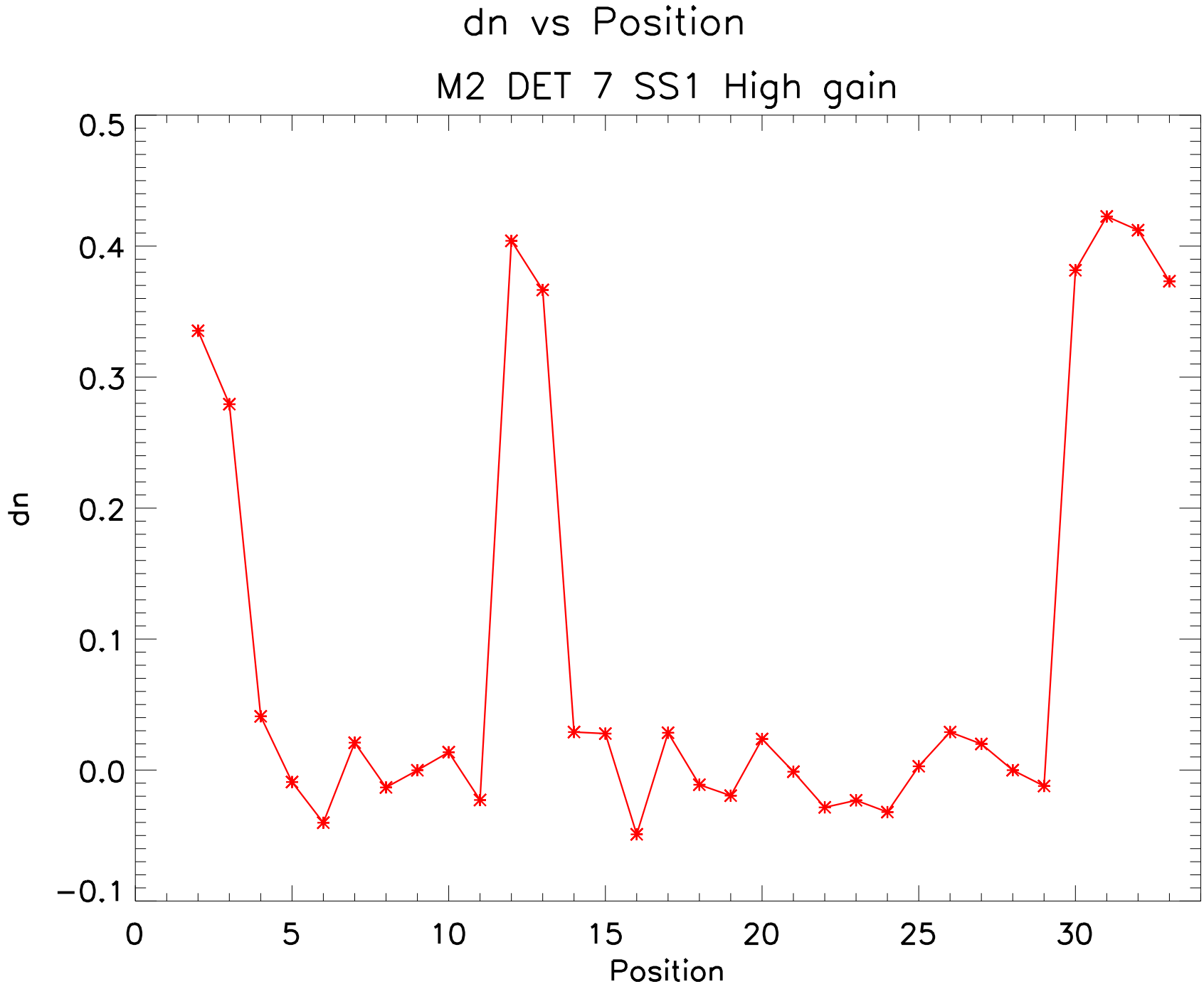

dn vs Position
M2 DET 2 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
M2 DET 3 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M2 DET 4 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
M2 DET 5 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M2 DET 6 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M2 DET 7 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
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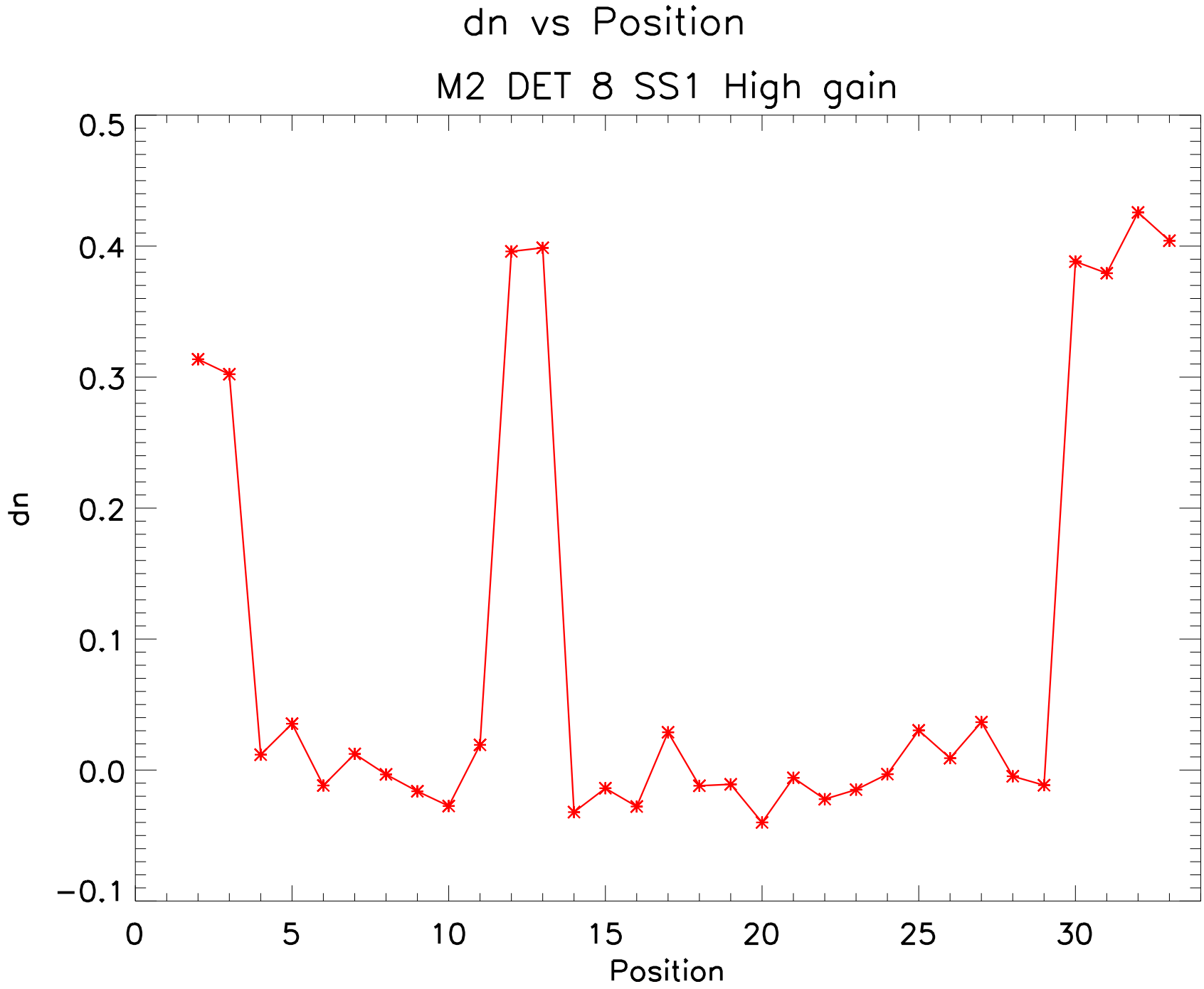
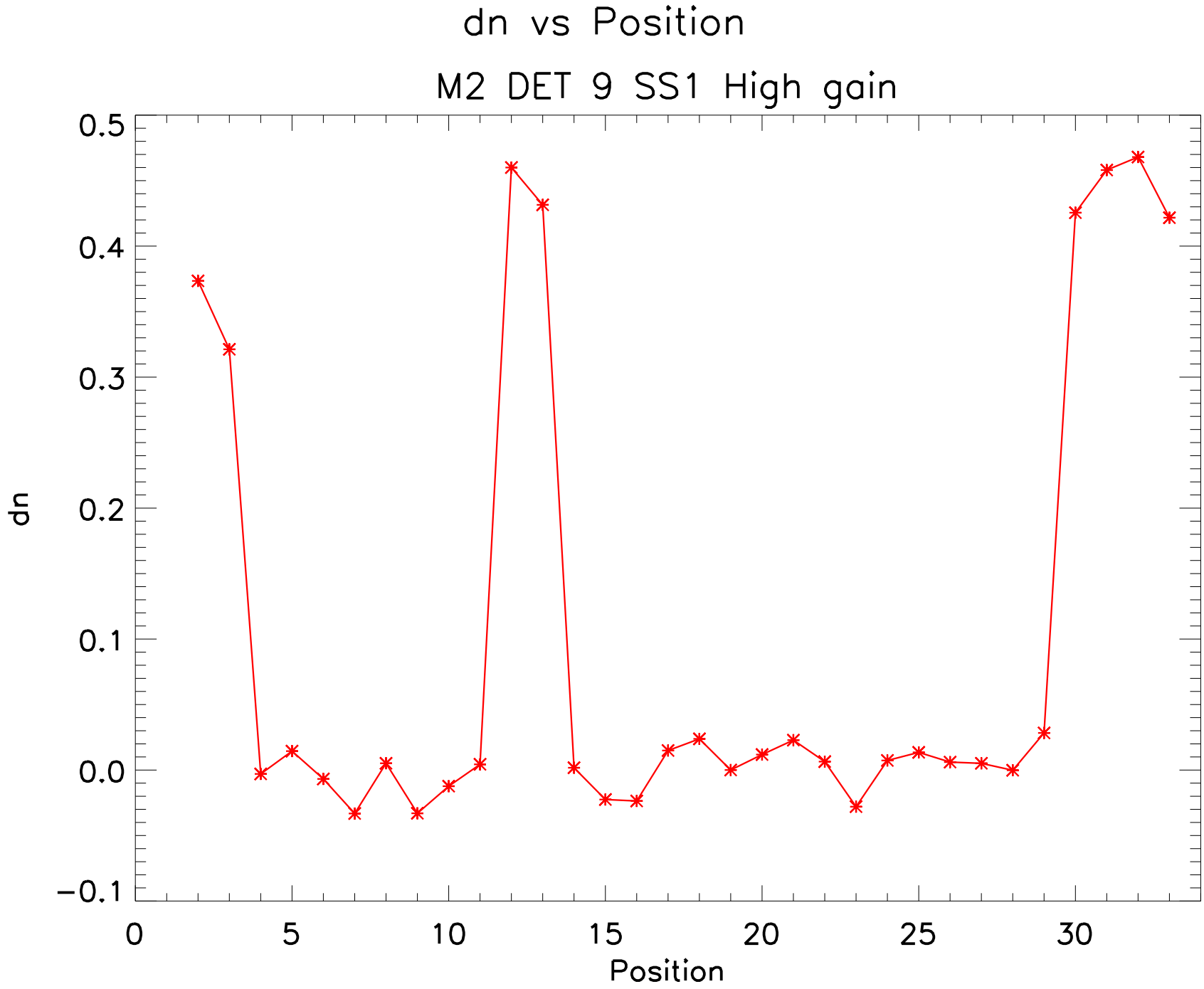
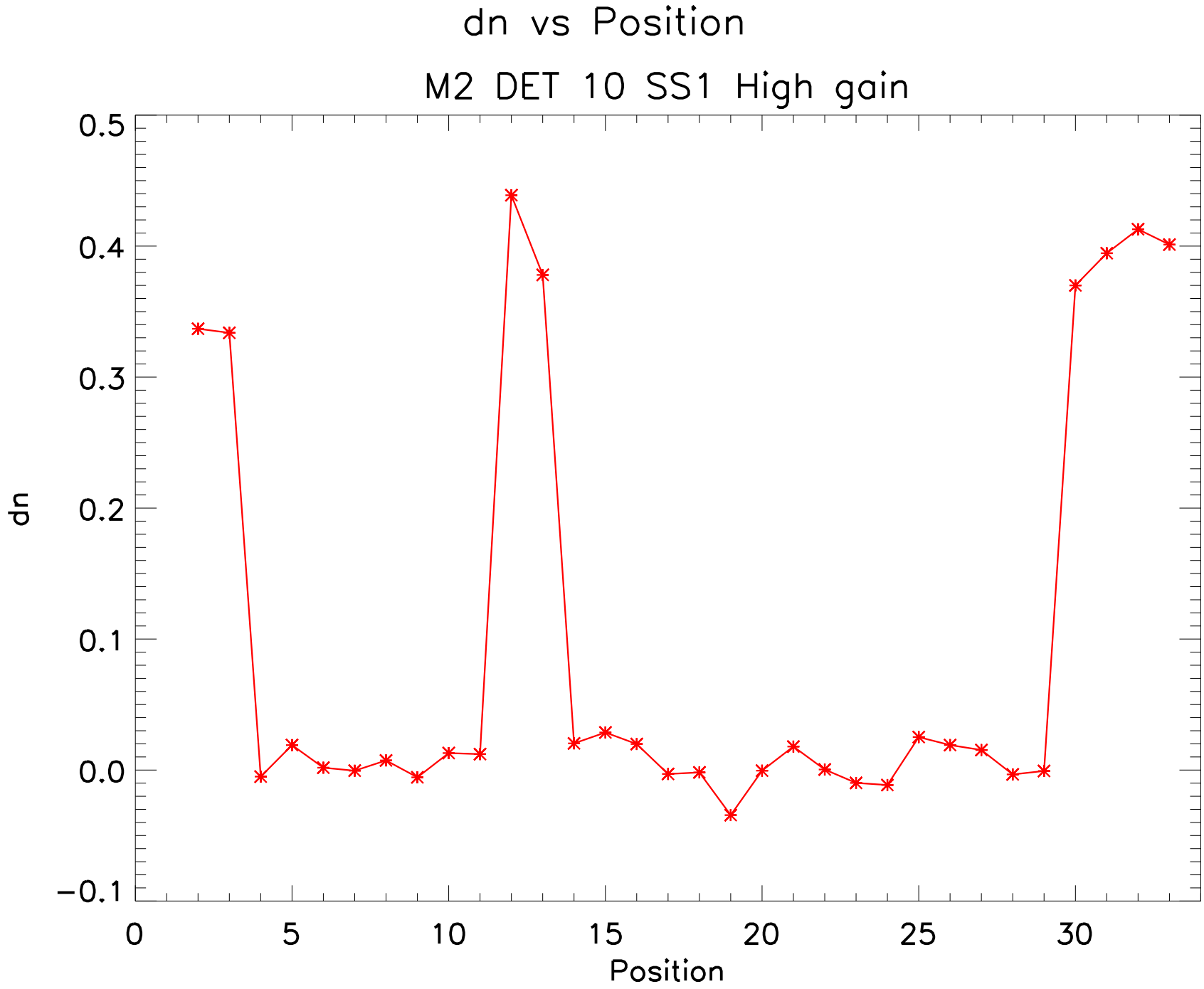
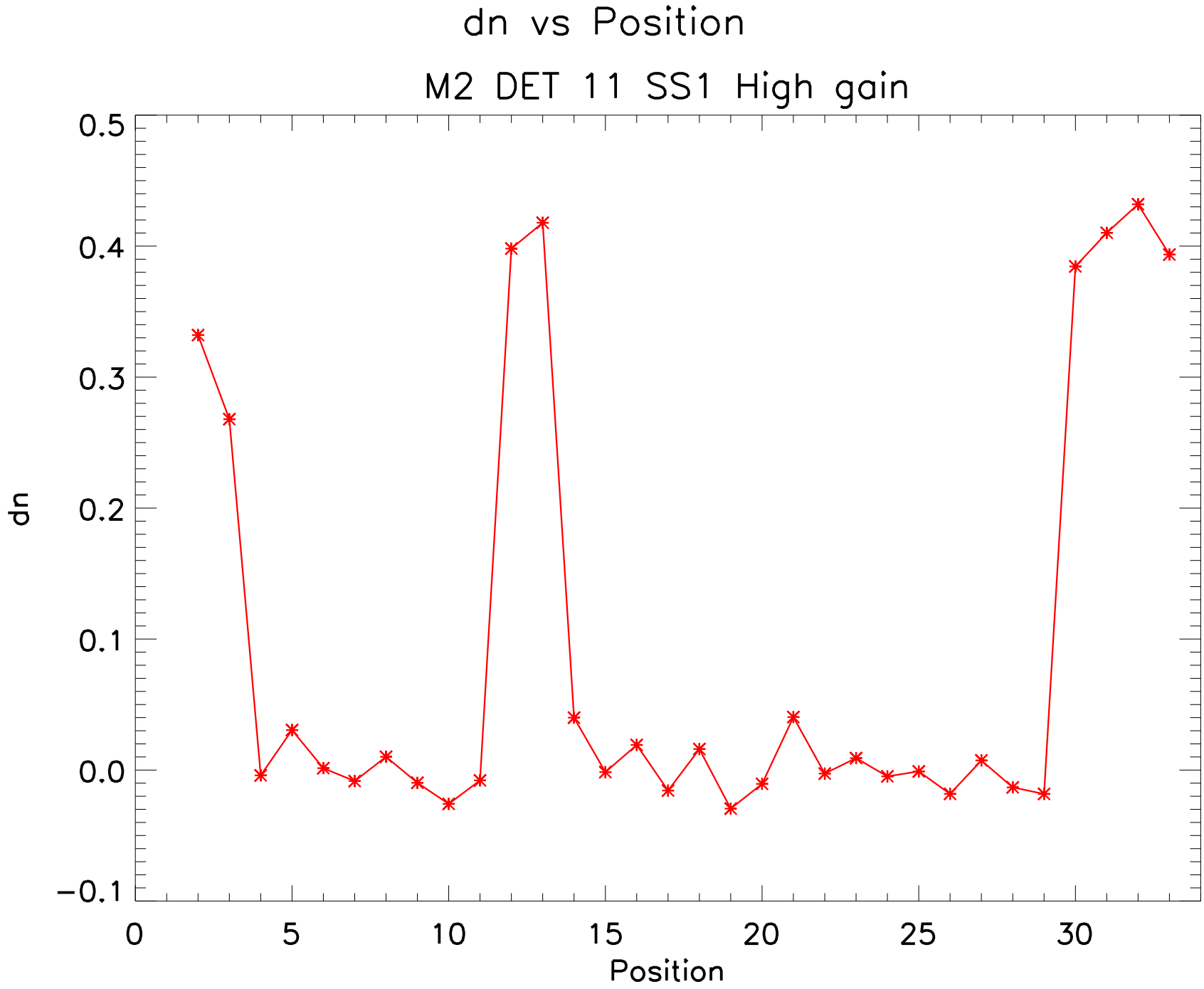
10
15
20
25
30
Position


dn vs Position
M2 DET 8 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
M2 DET 9 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M2 DET 10 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
M2 DET 11 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
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15
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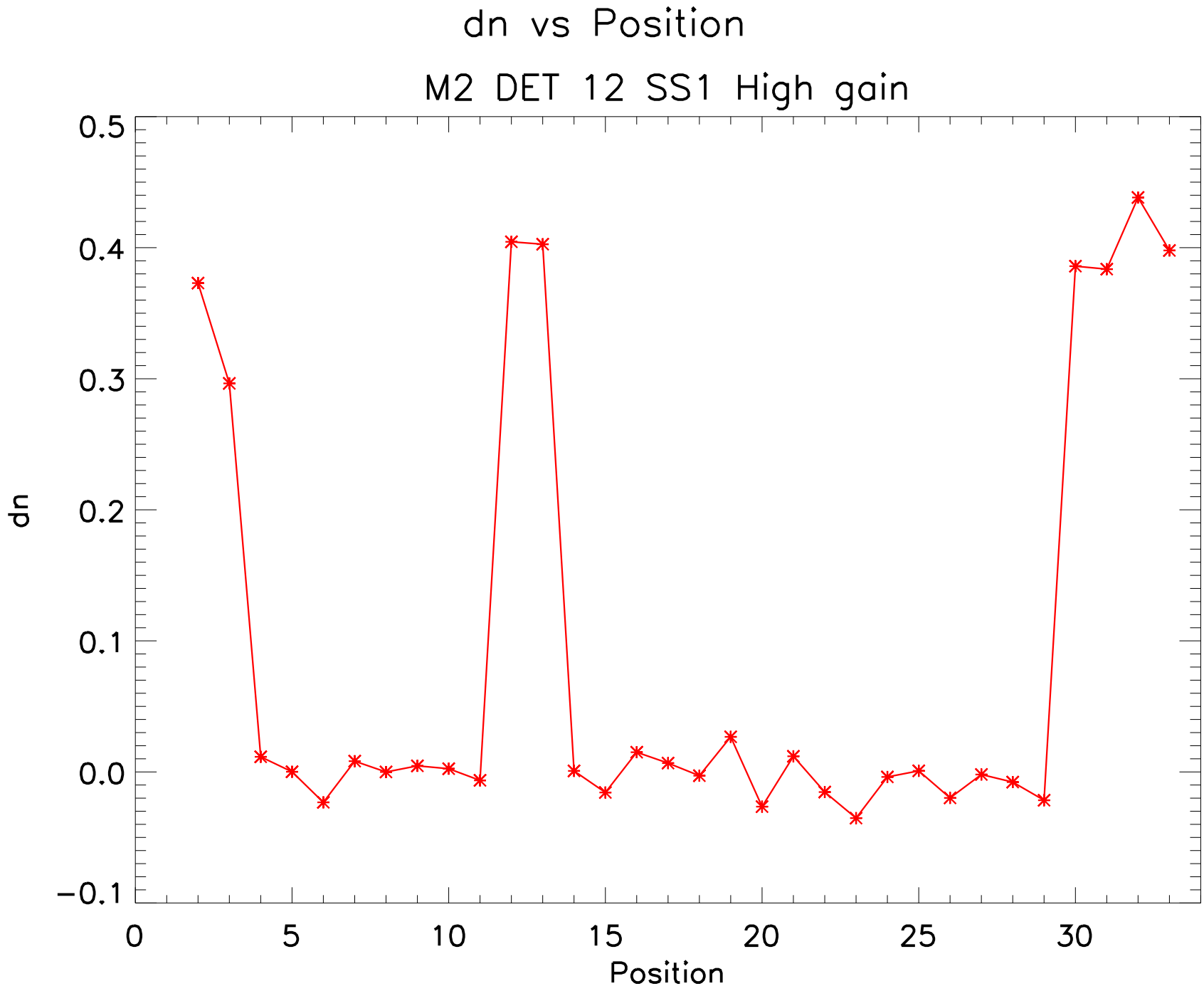
25
30


dn vs Position
M2 DET 12 SS1 High gain
dn
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0.3
0.2
0.1
0.0
−0.1
0
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10
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20
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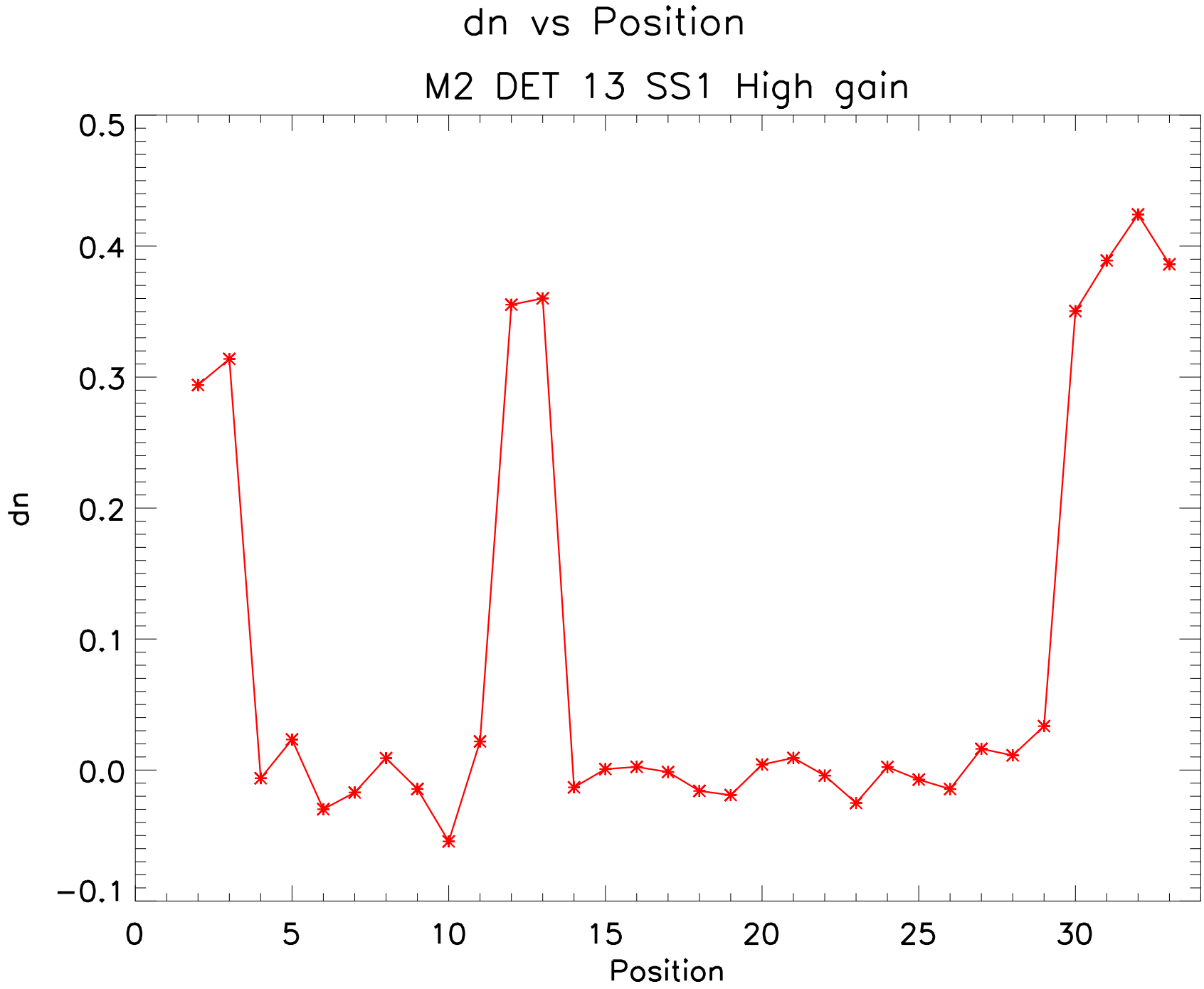
30
Position


dn vs Position
M2 DET 13 SS1 High gain
dn
0.5
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0.3
0.2
0.1
0.0
−0.1
0
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10
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20
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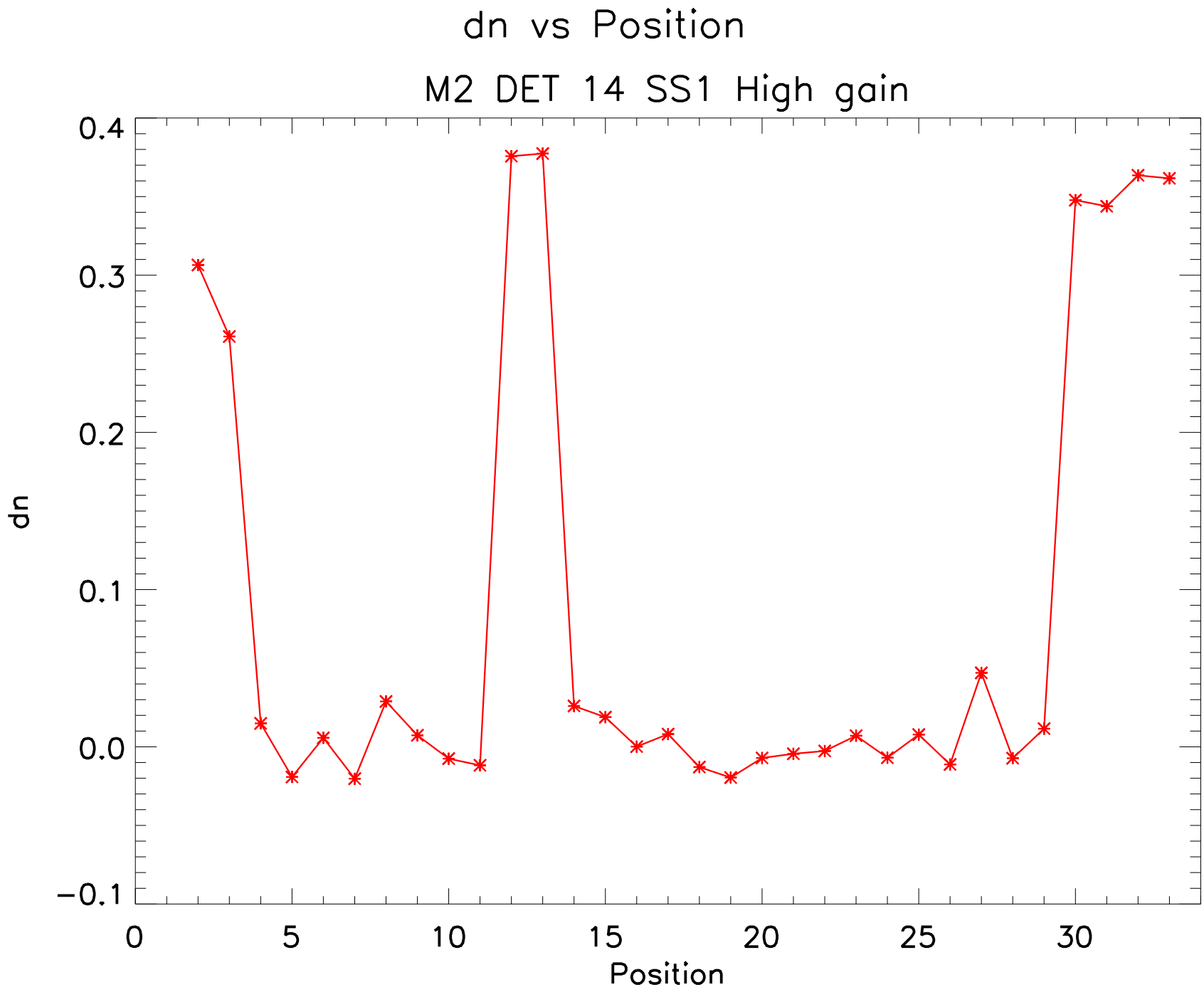
30
Position


dn vs Position
M2 DET 14 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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10
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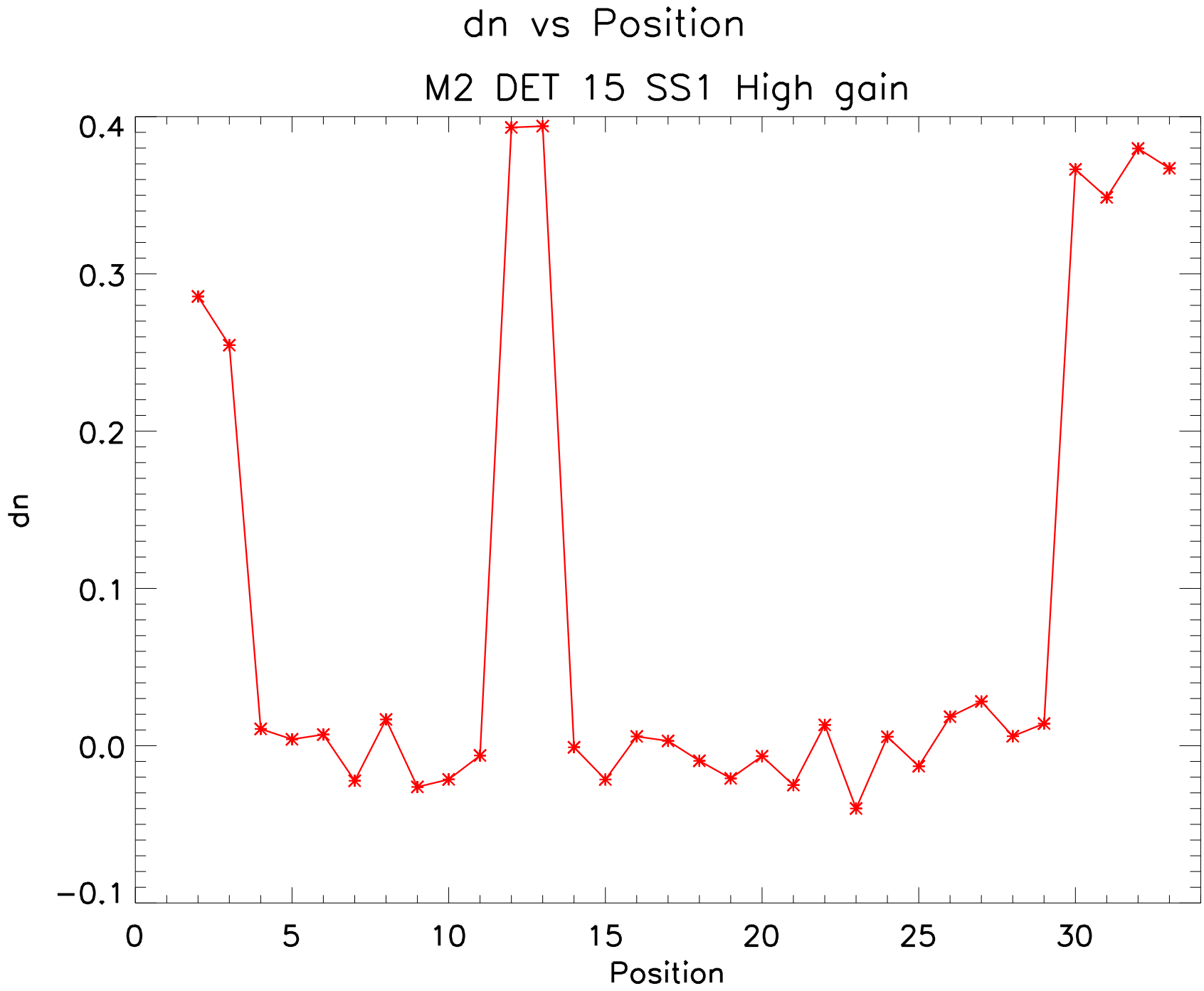
20
25
30
Position


dn vs Position
M2 DET 15 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
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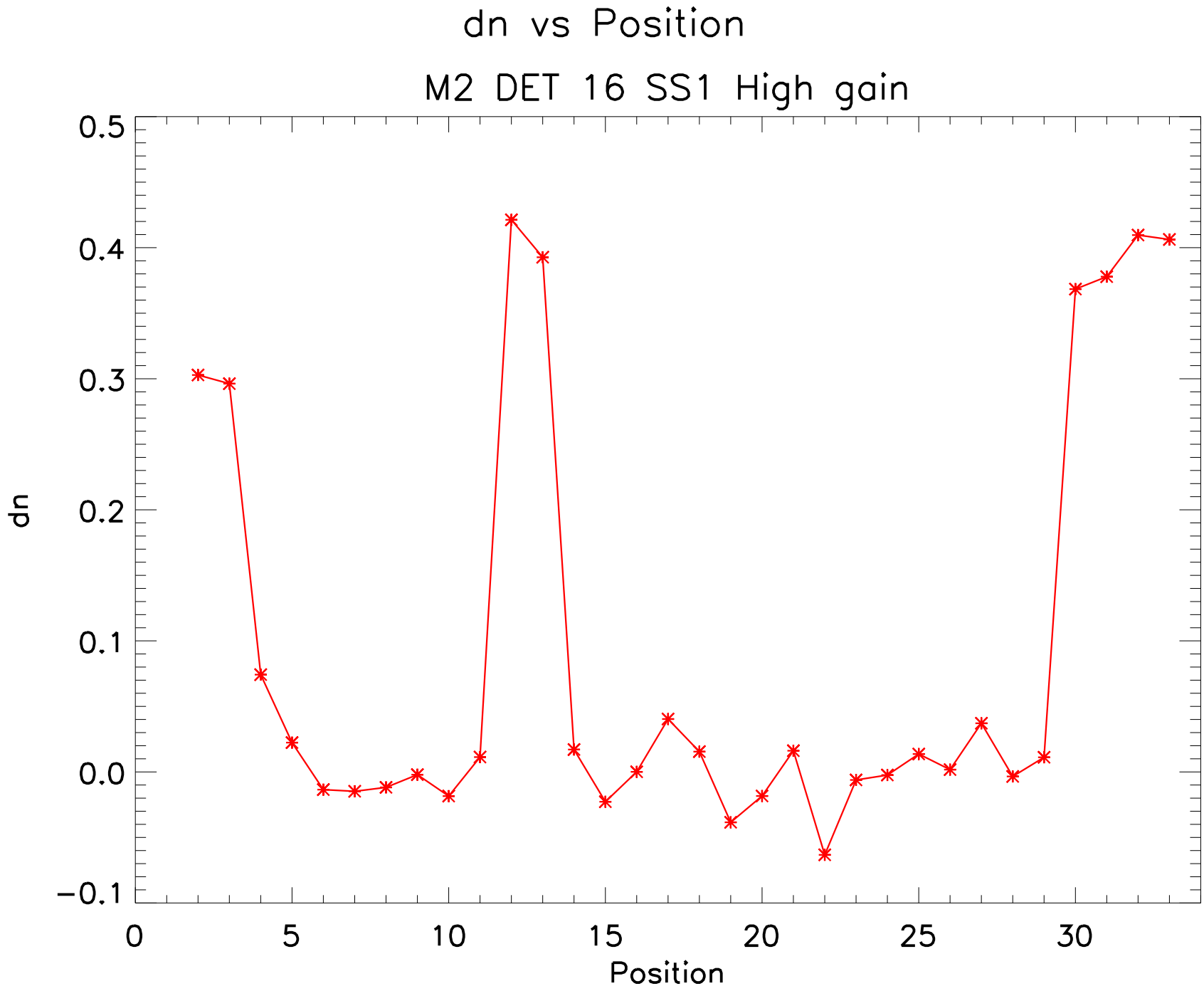
10
15
20
25
30
Position


dn vs Position
M2 DET 16 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
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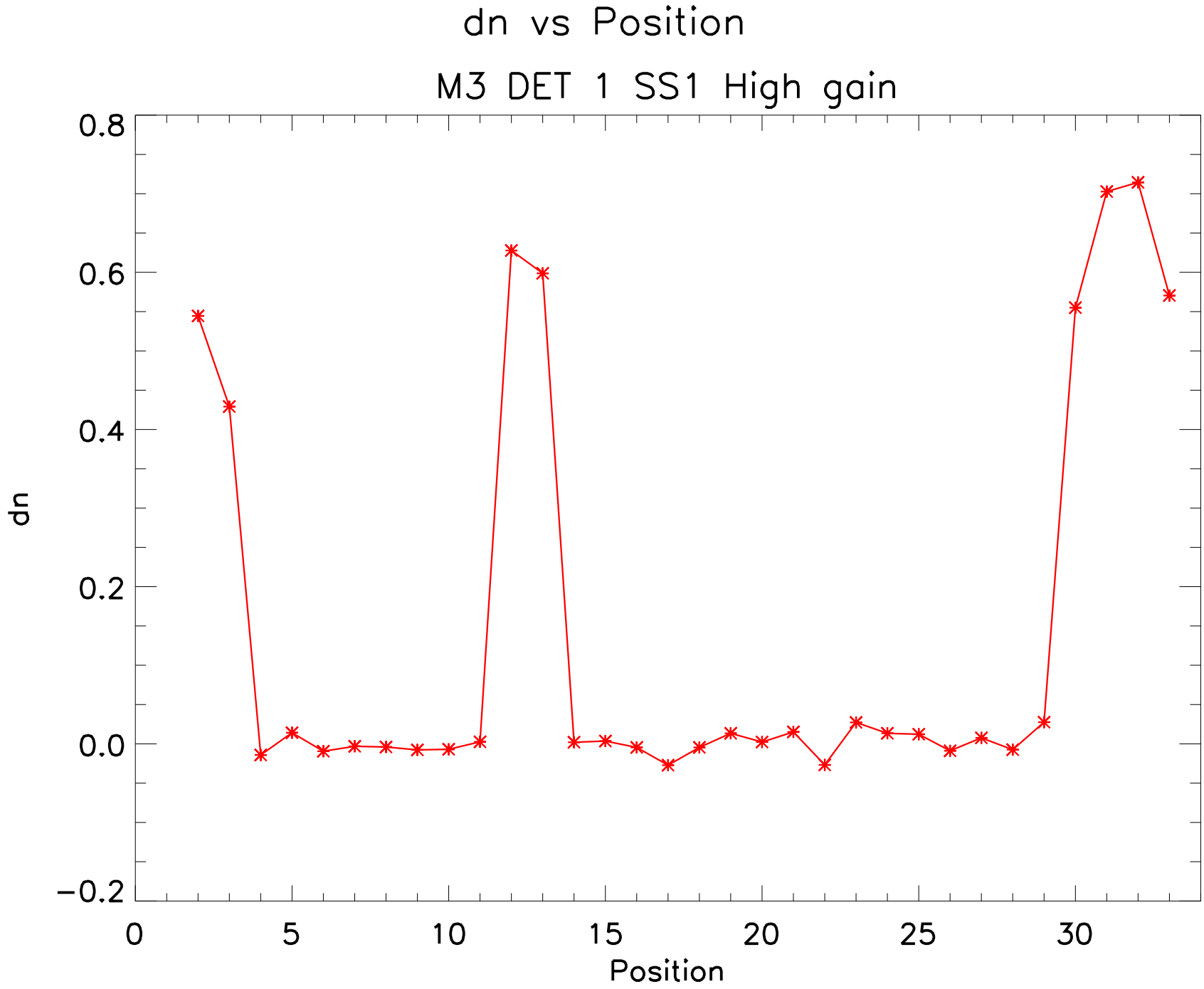
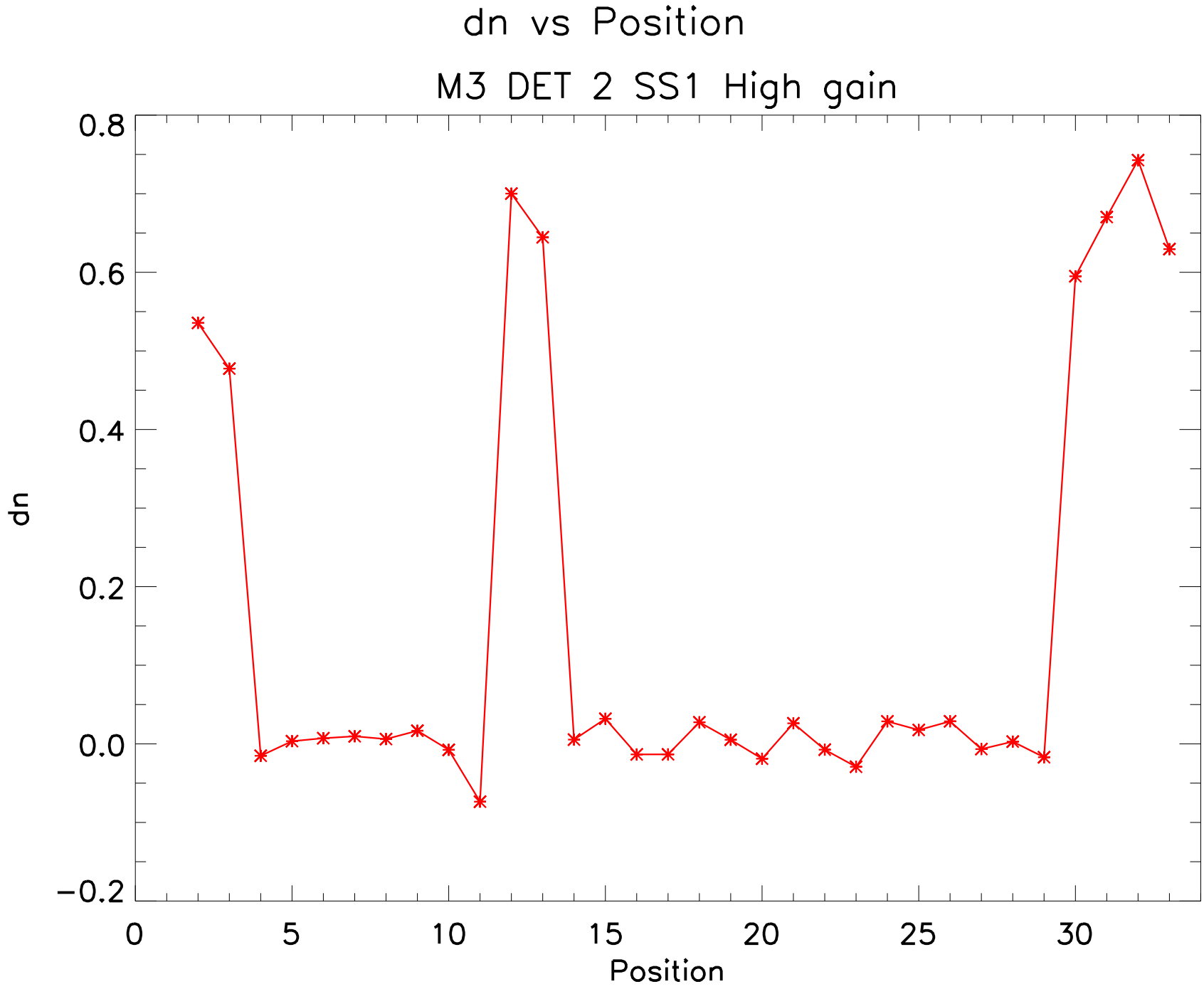
10
15
20
25
30
Position


dn vs Position
M3 DET 1 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
M3 DET 2 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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20
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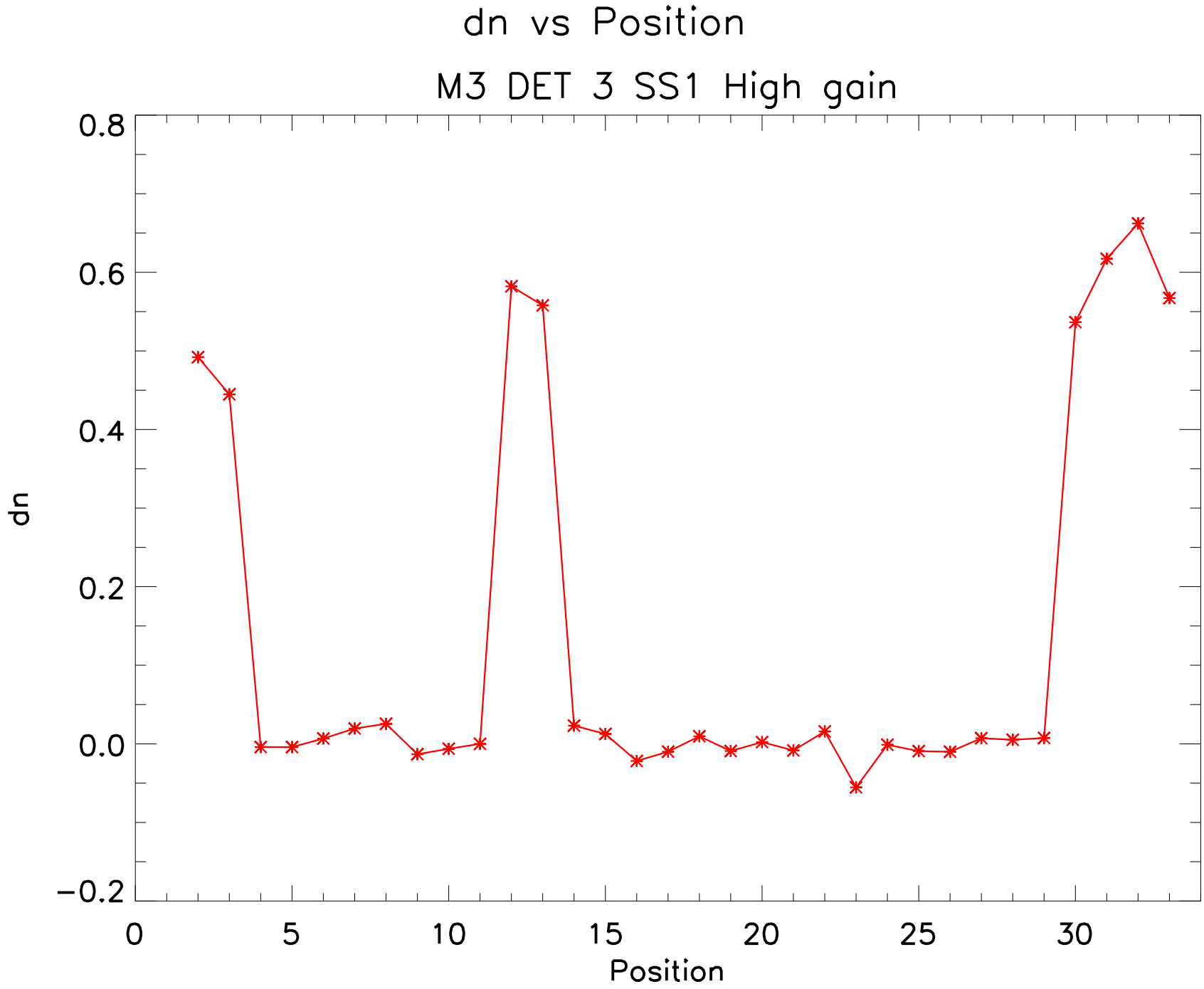
30
Position


dn vs Position
M3 DET 3 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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20
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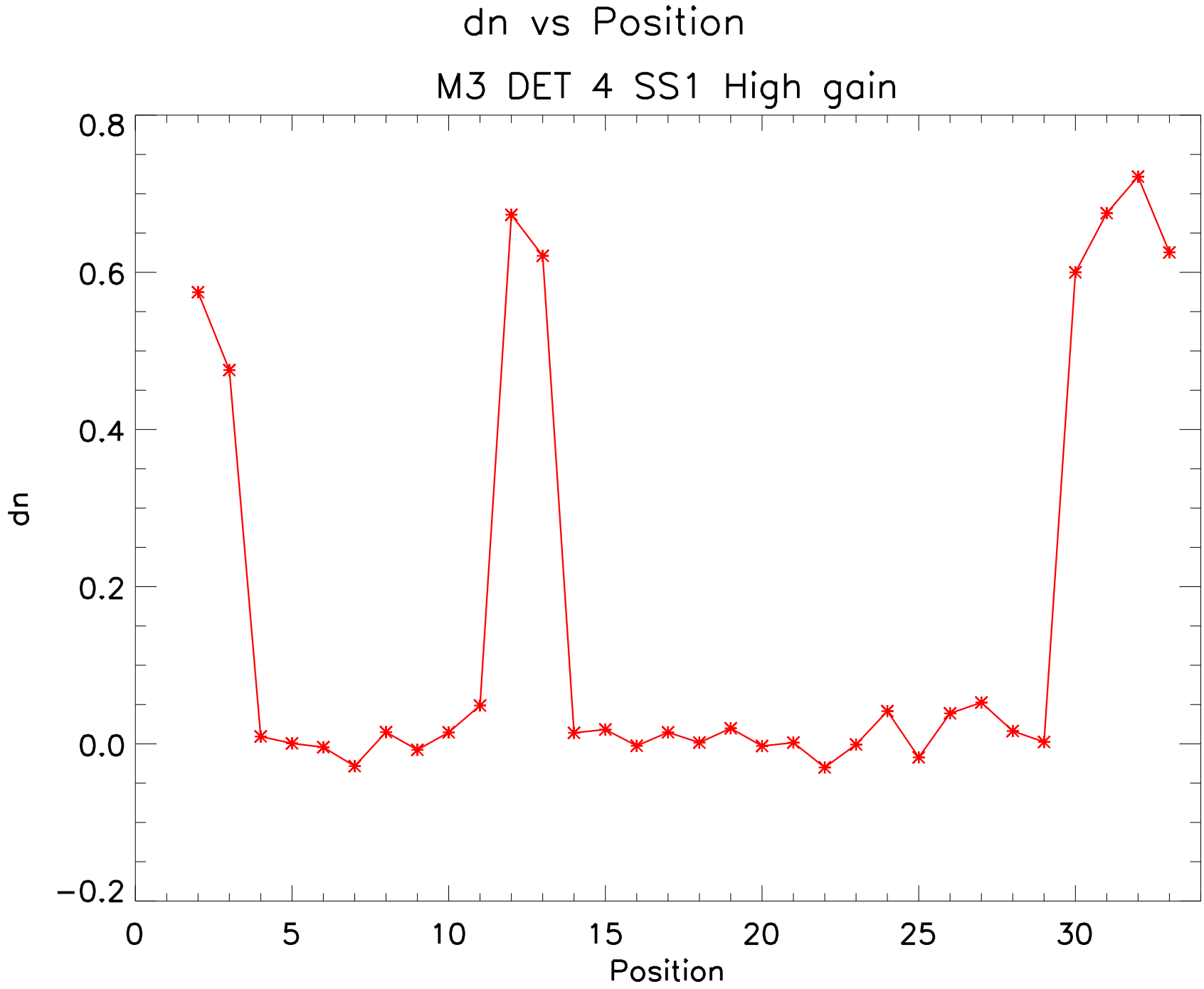
30
Position


dn vs Position
M3 DET 4 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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20
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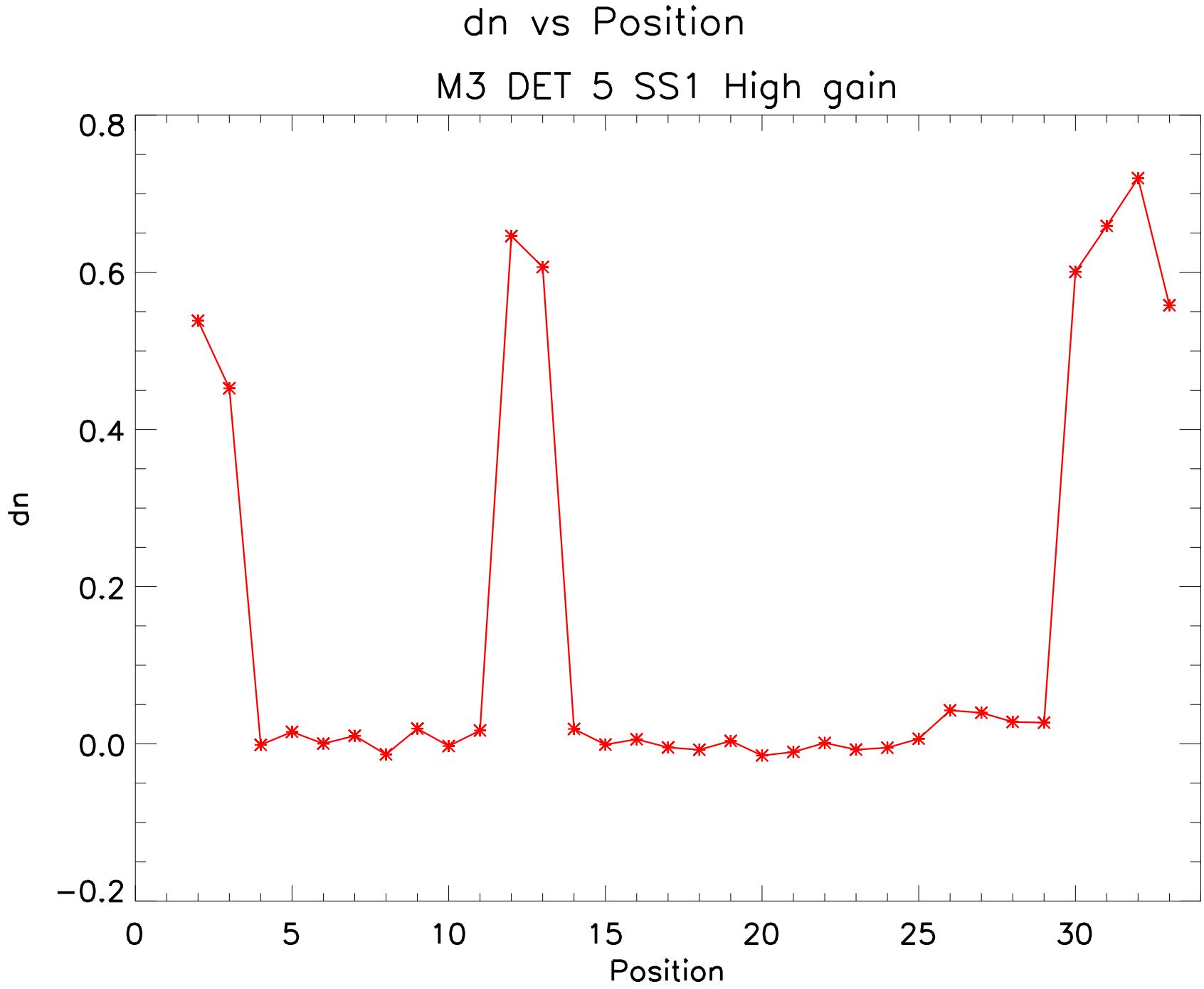
30
Position


dn vs Position
M3 DET 5 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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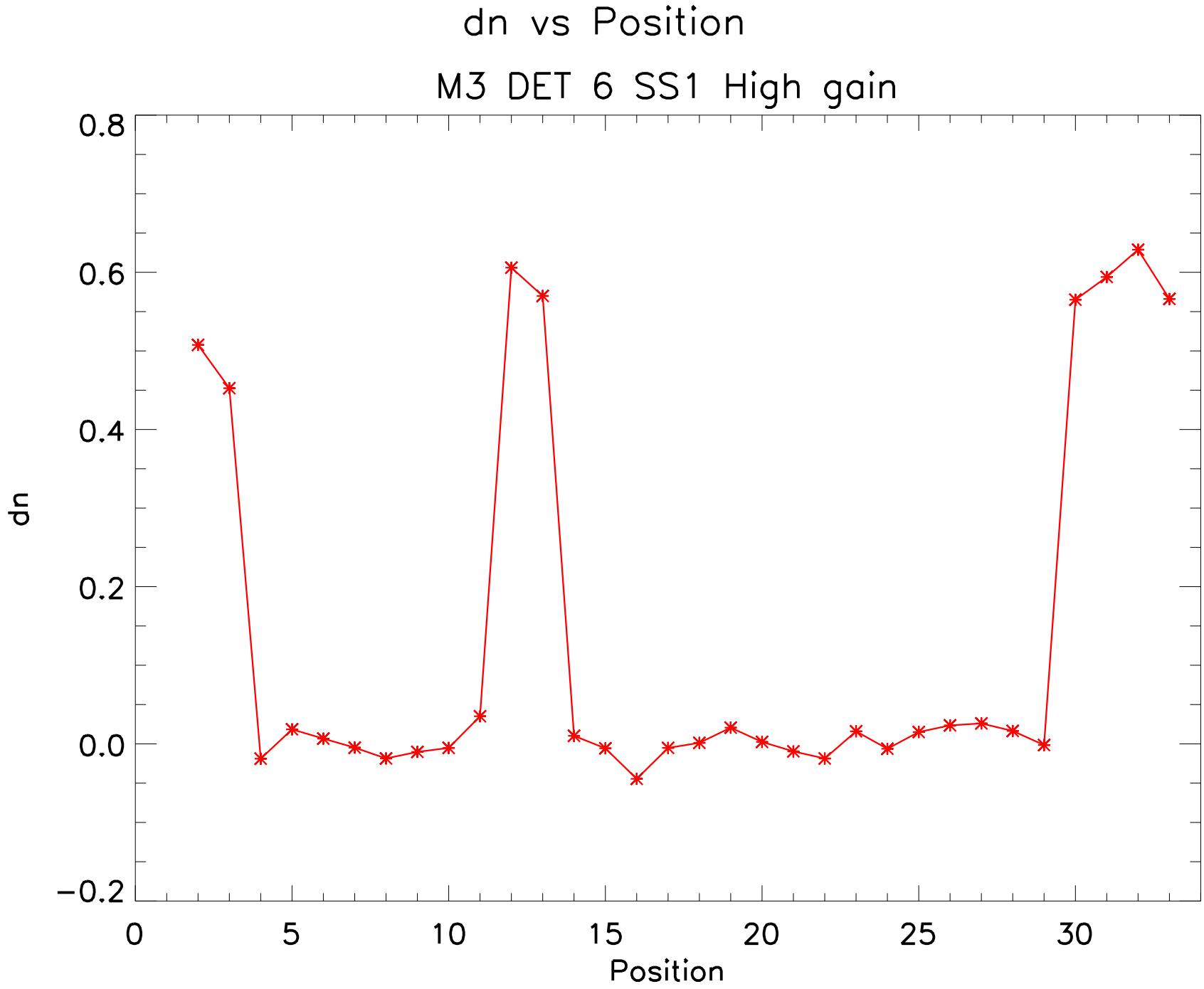
10
15
20
25
30
Position


dn vs Position
M3 DET 6 SS1 High gain
0.8
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0.4
0.2
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−0.2
dn
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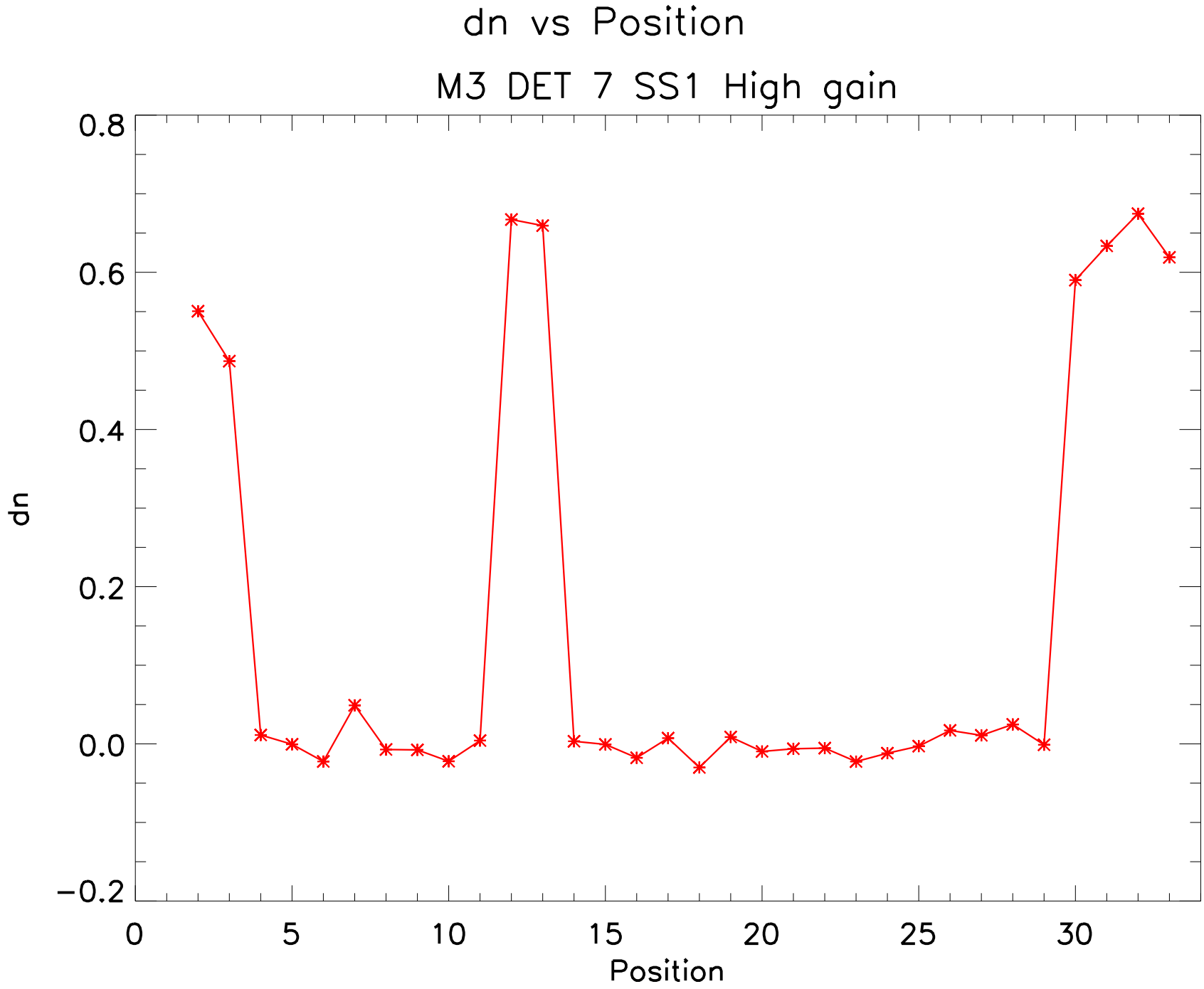
Position


dn vs Position
M3 DET 7 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
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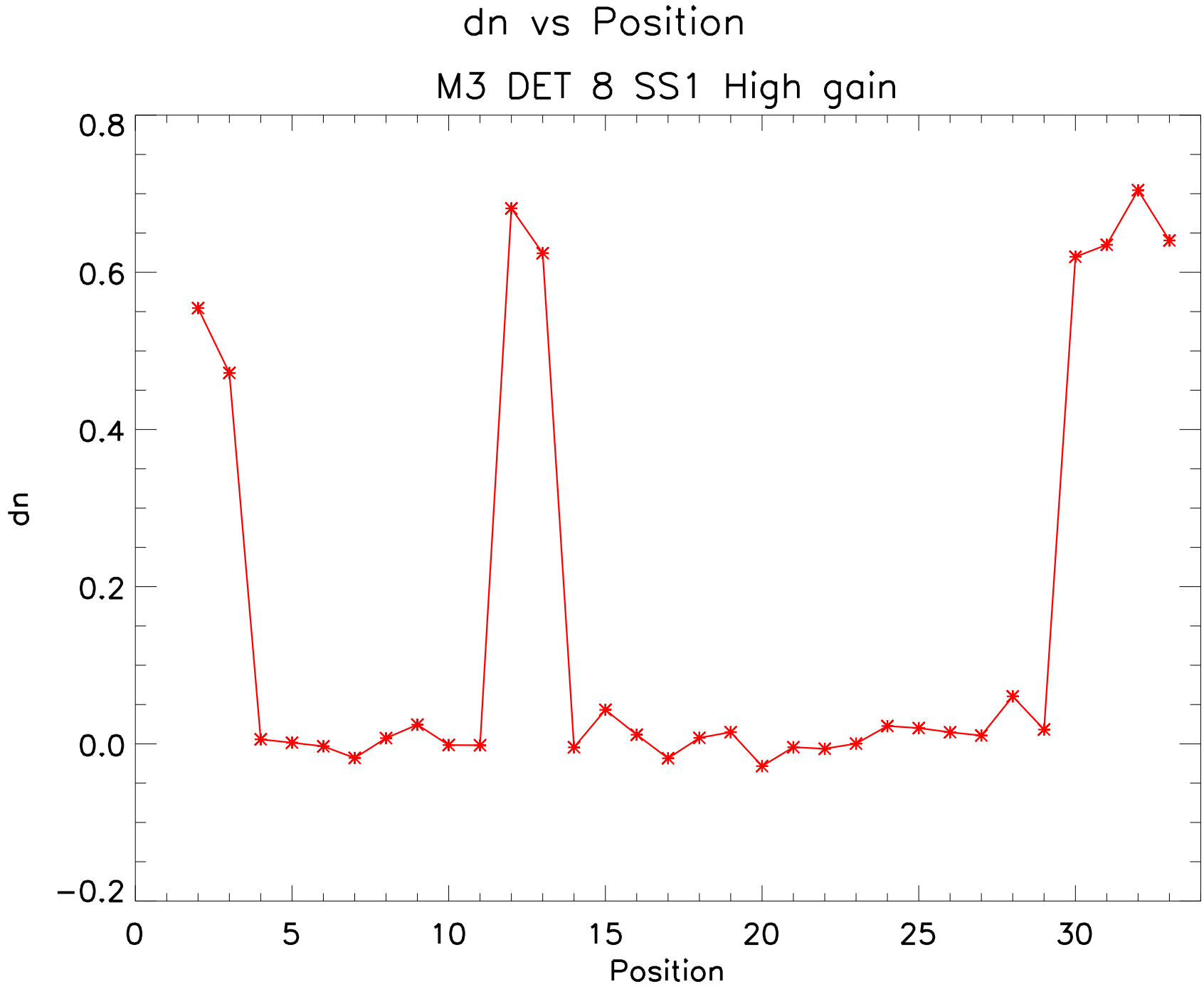
30
Position


dn vs Position
M3 DET 8 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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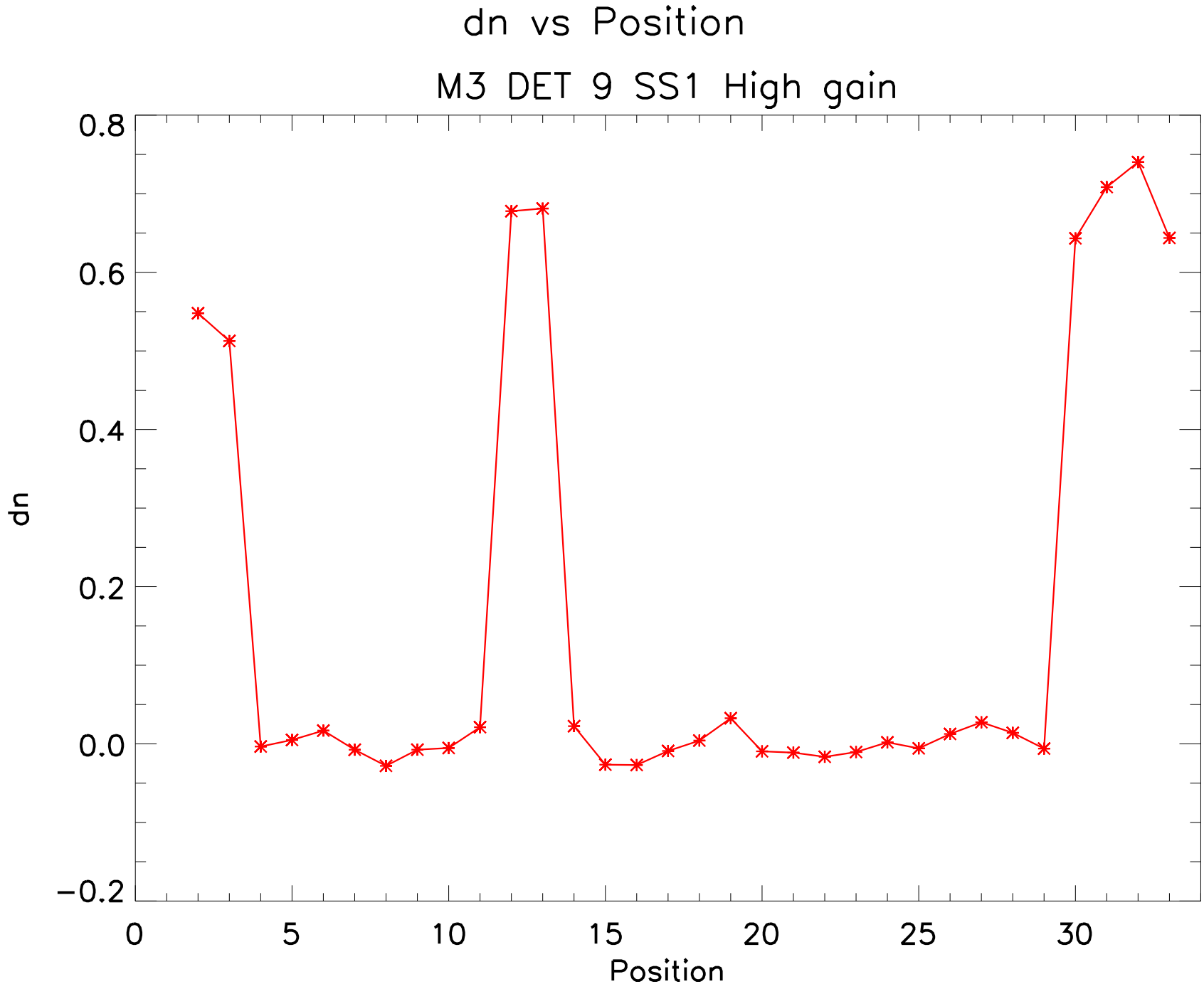
10
15
20
25
30
Position


dn vs Position
M3 DET 9 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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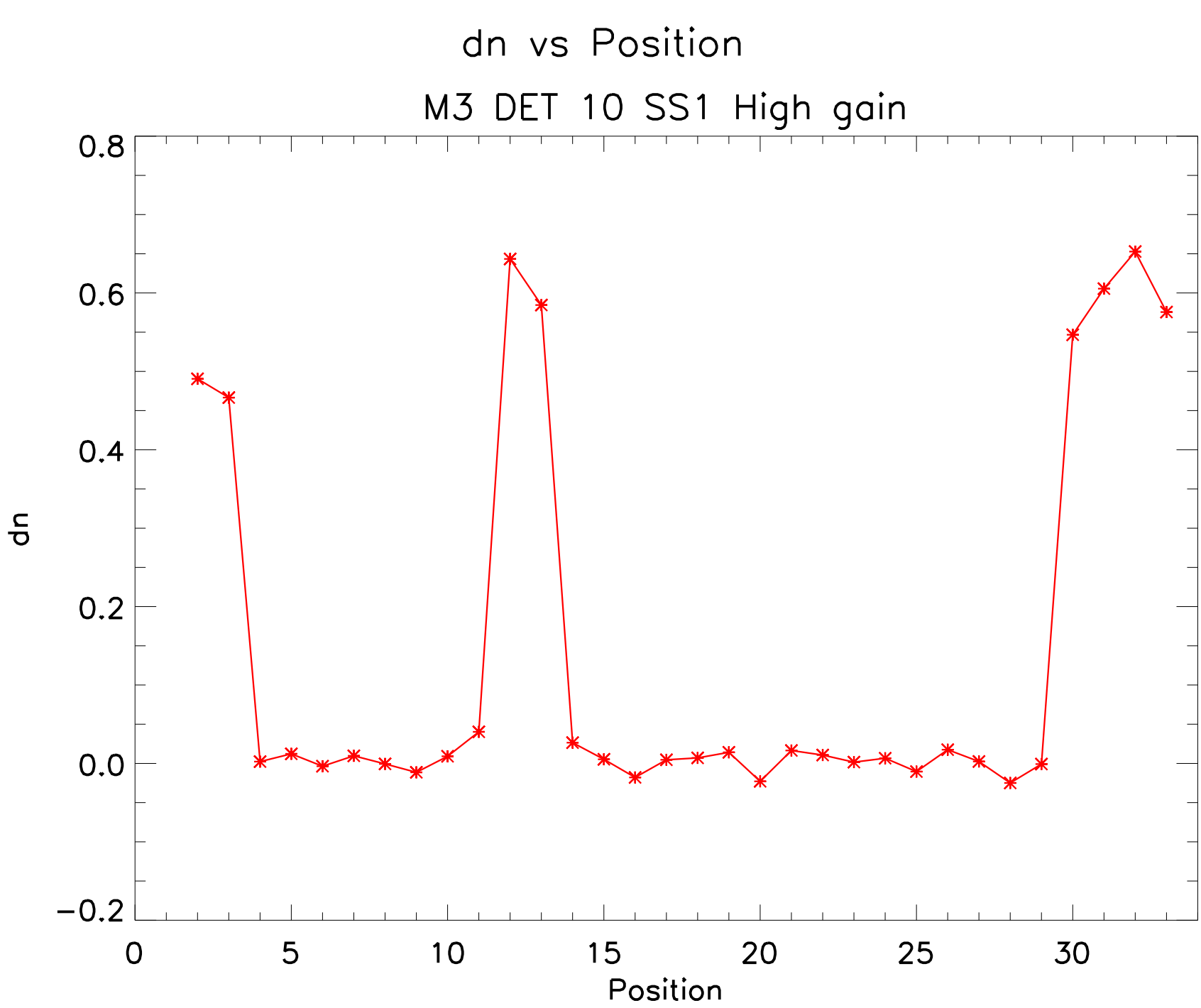
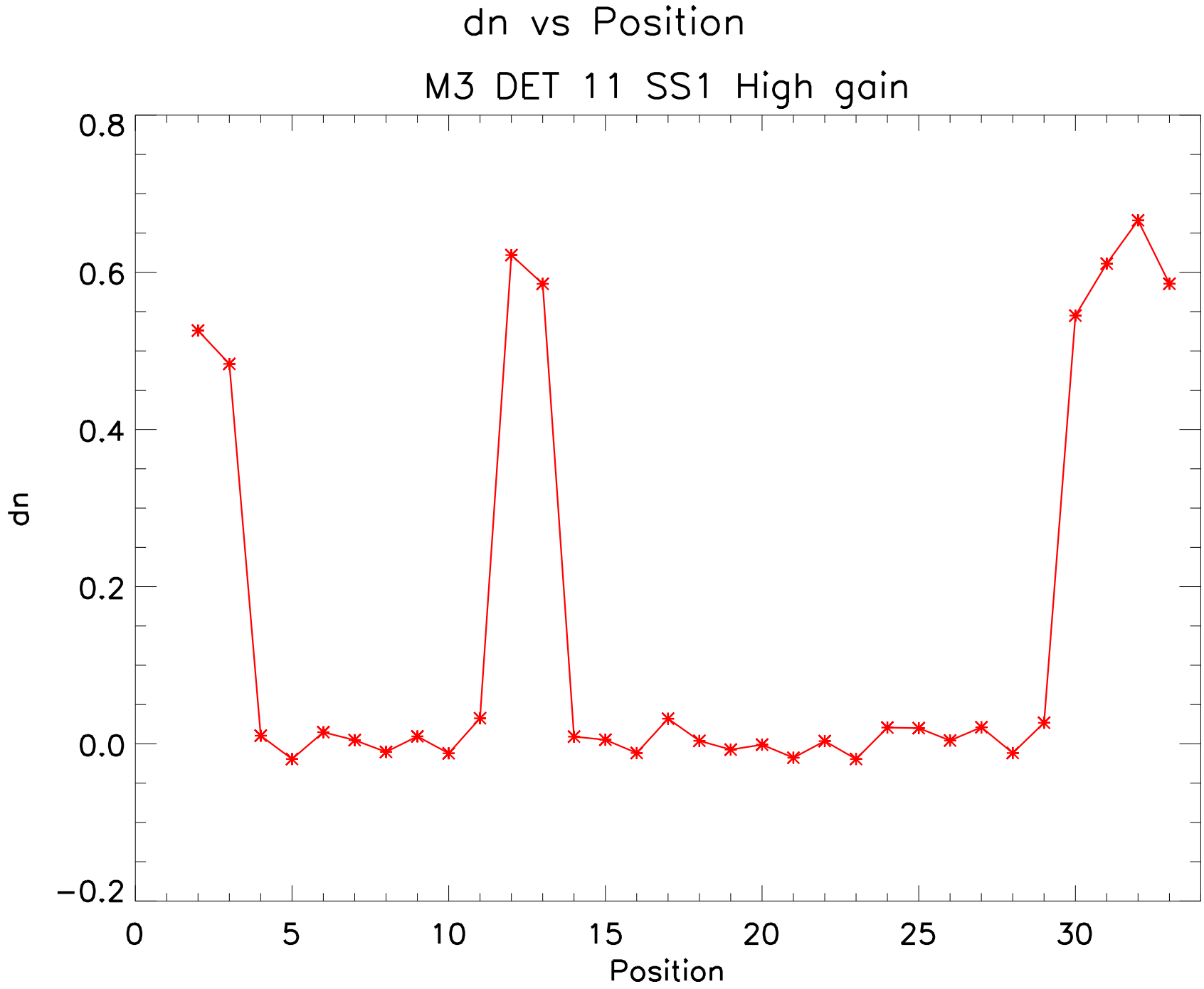
10
15
20
25
30
Position


dn vs Position
M3 DET 10 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
M3 DET 11 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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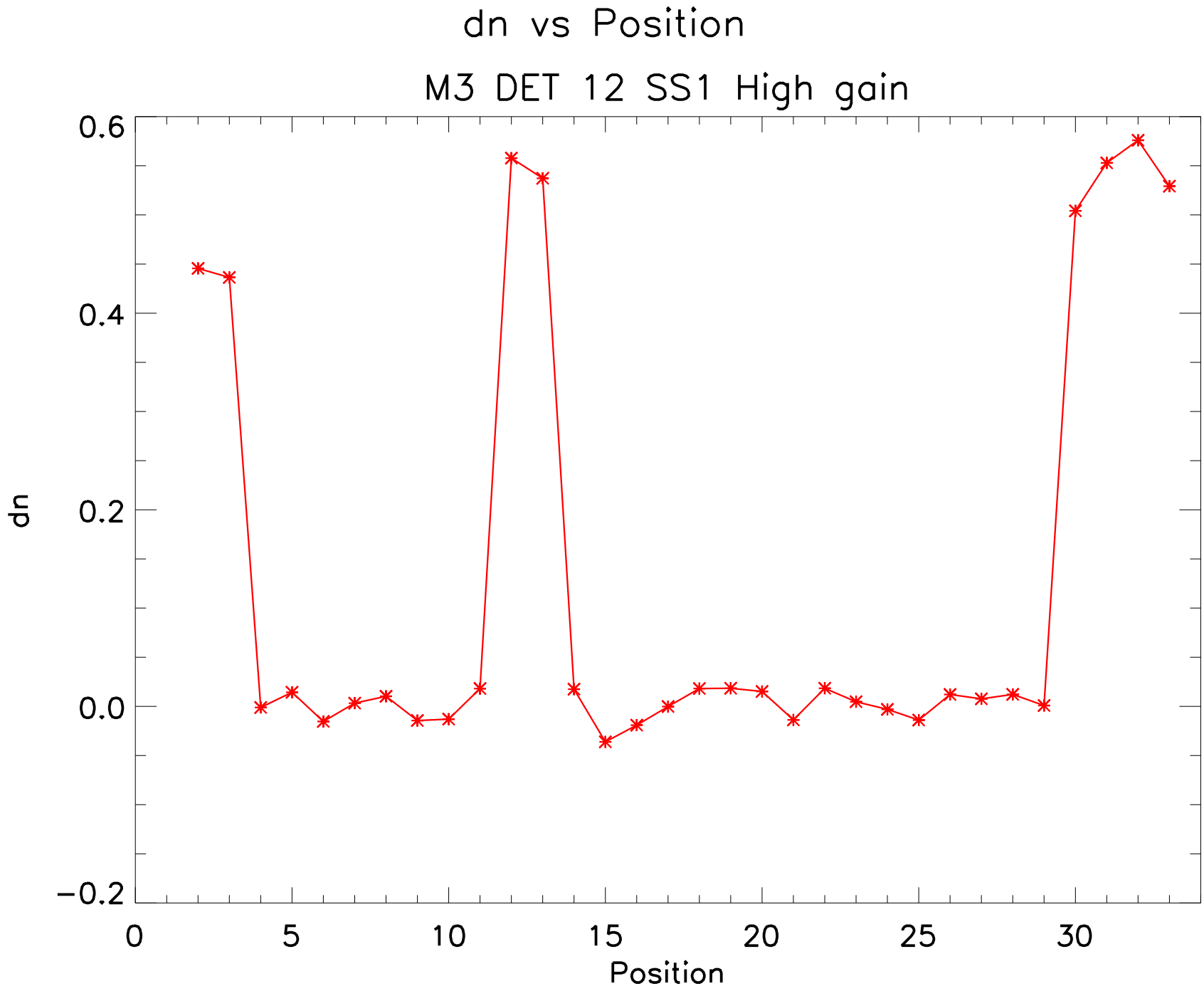
20
25
30
Position


dn vs Position
M3 DET 12 SS1 High gain
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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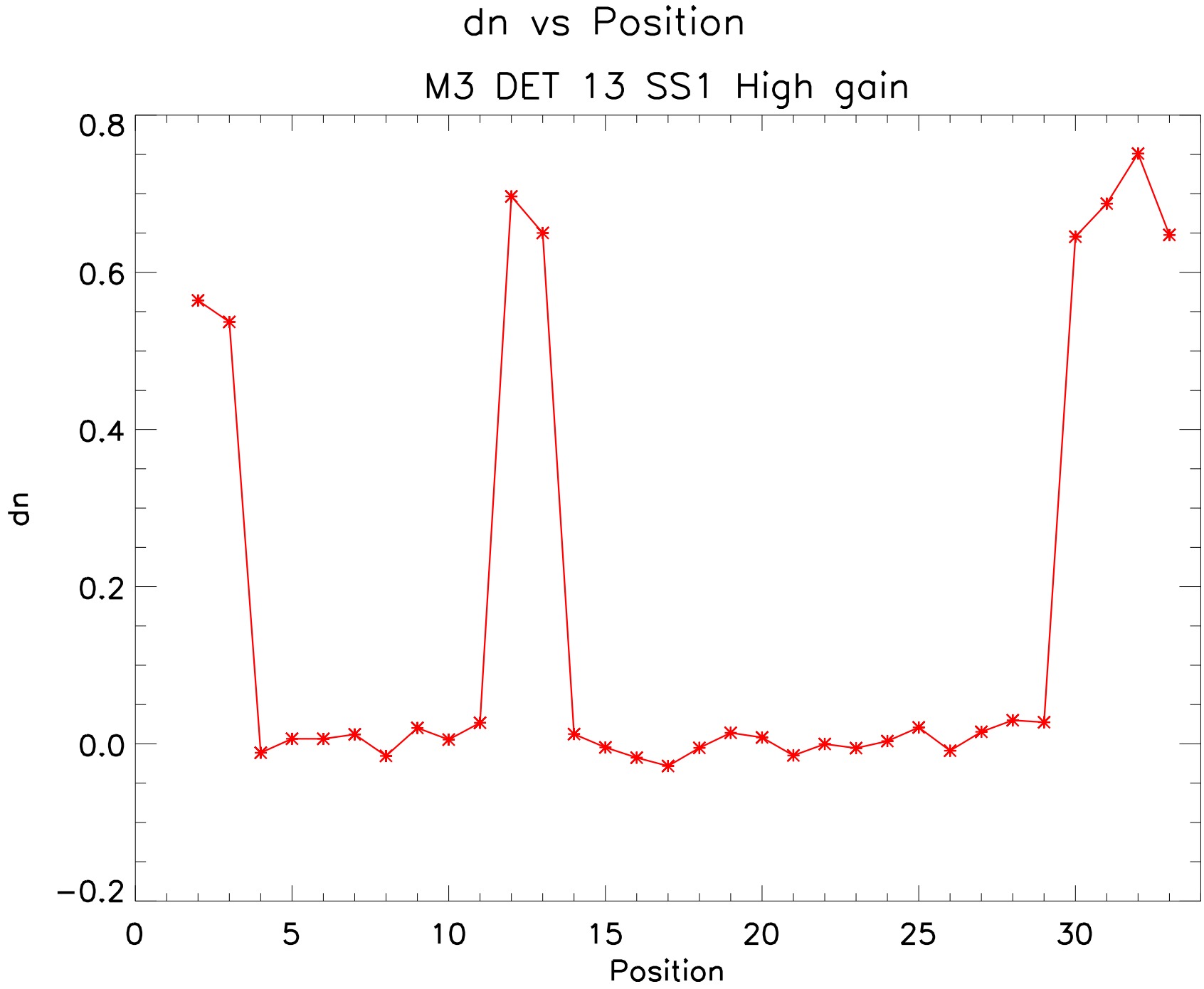
20
25
30
Position


dn vs Position
M3 DET 13 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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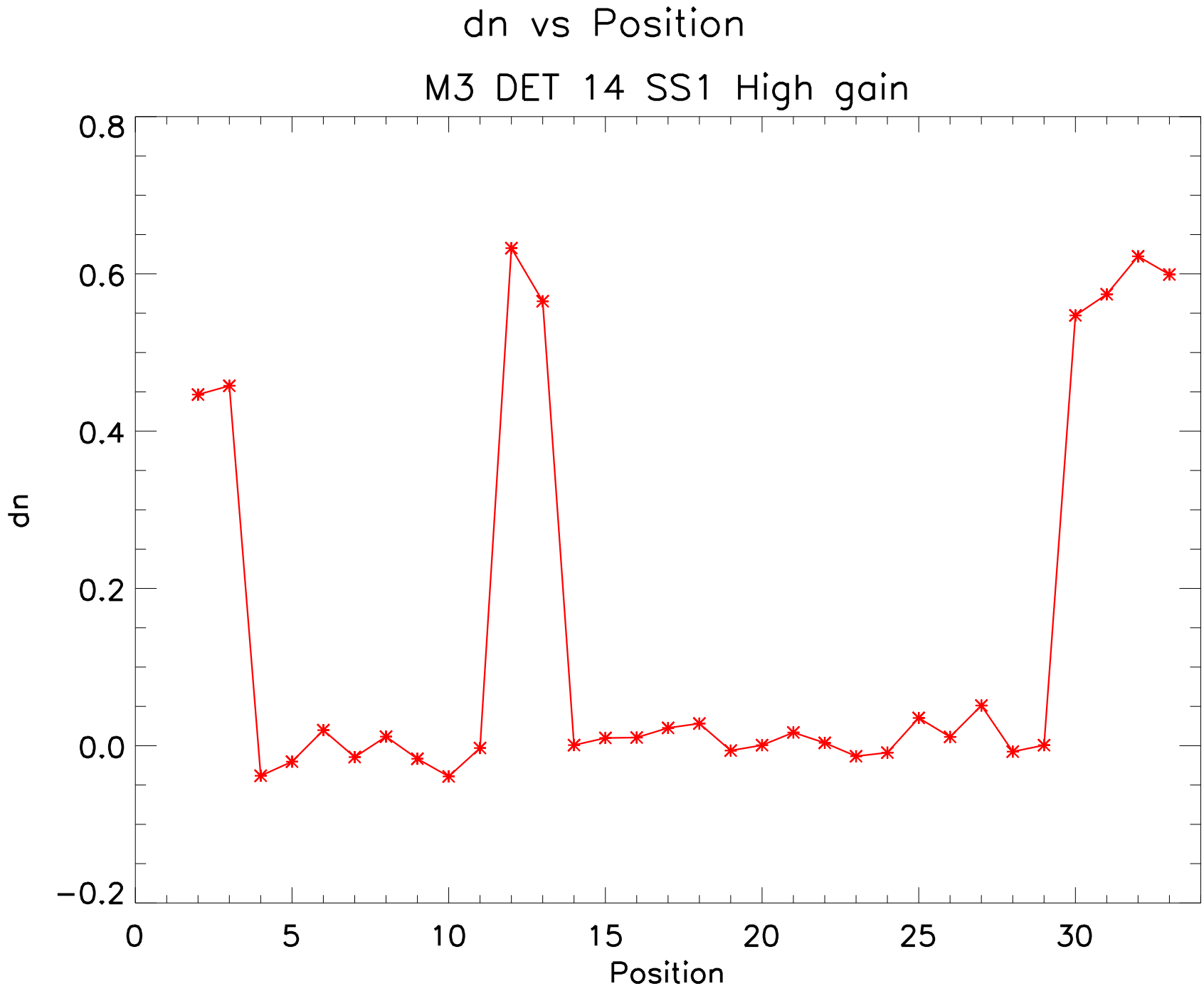
20
25
30
Position


dn vs Position
M3 DET 14 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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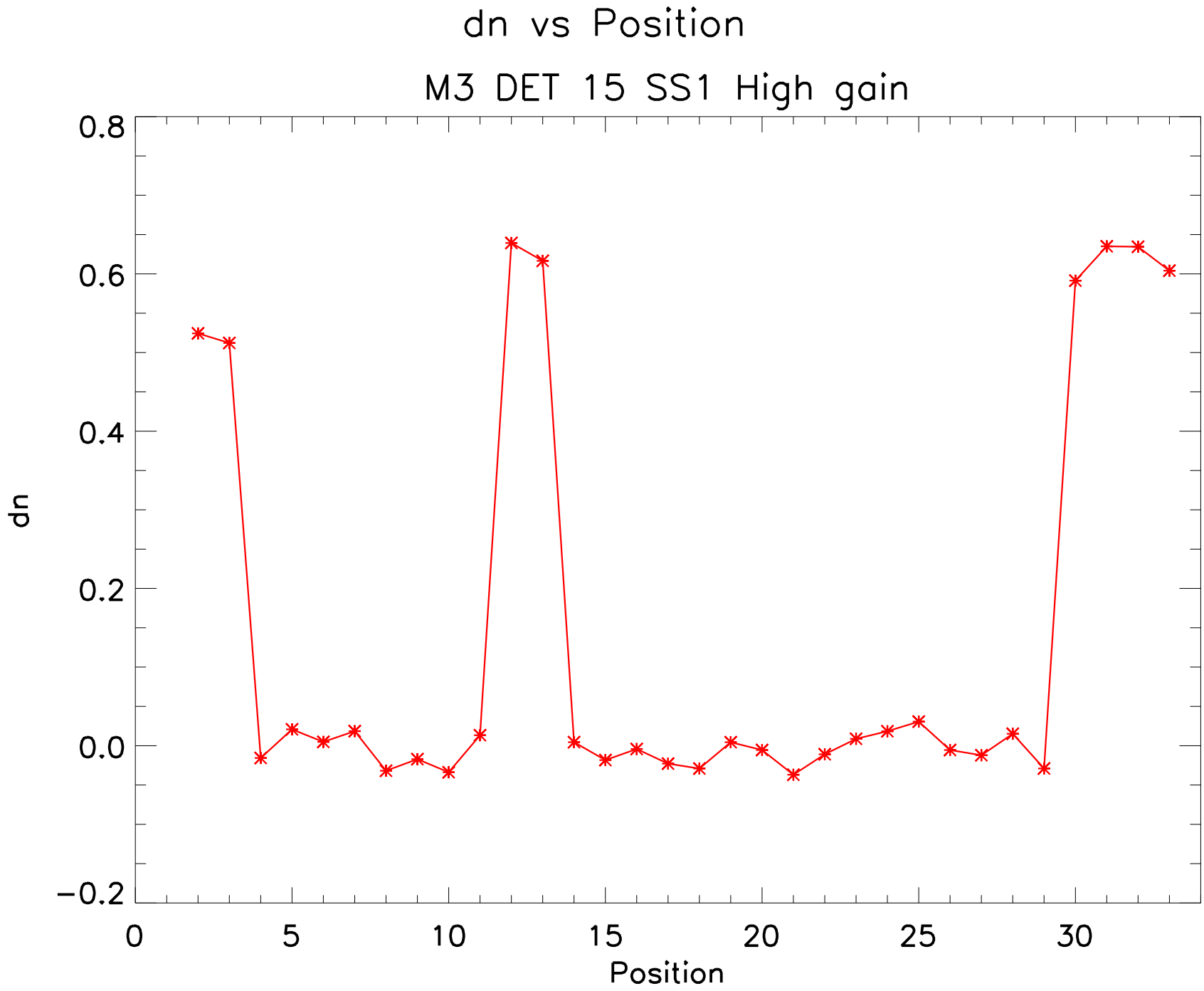
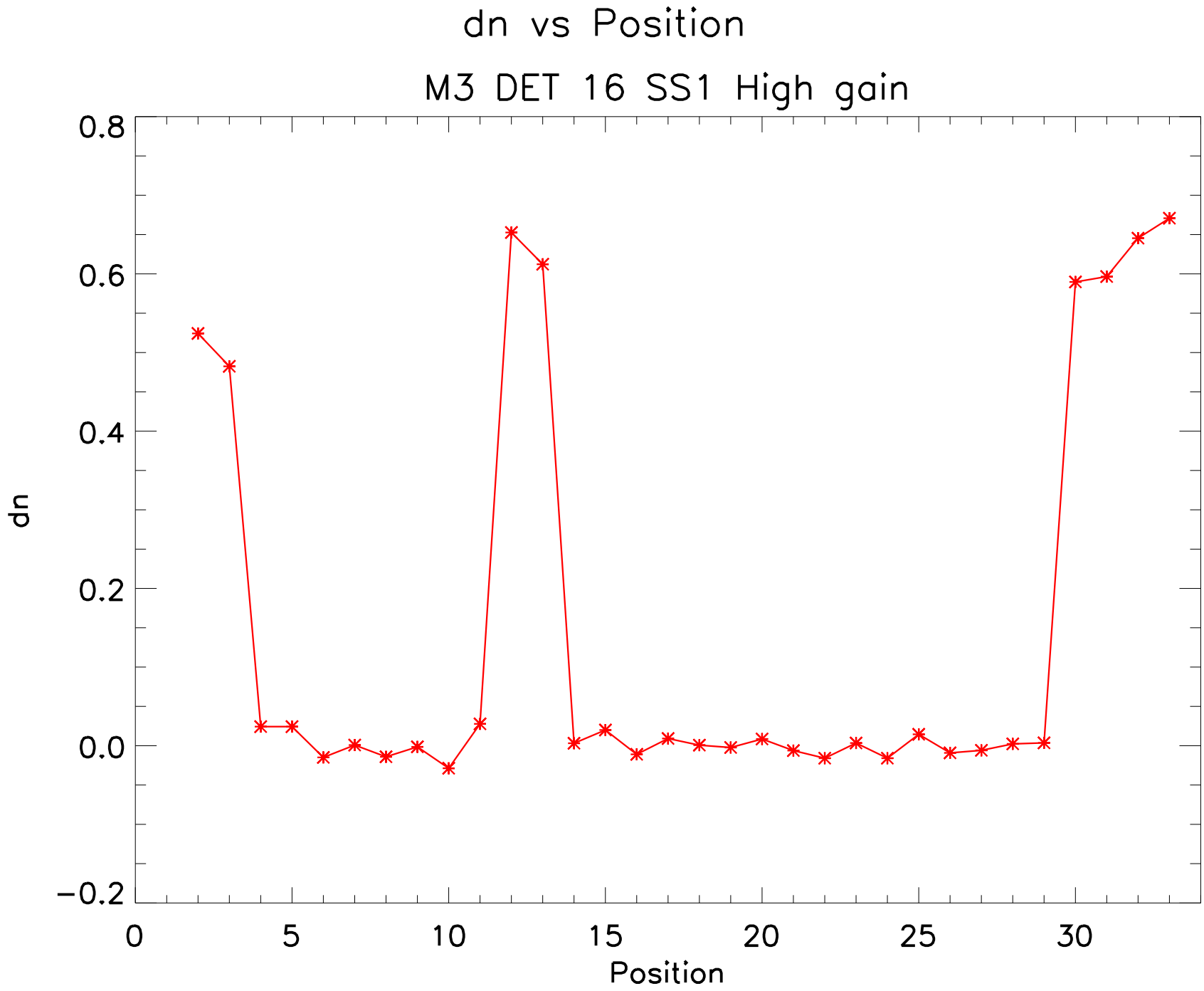
10
15
20
25
30
Position


dn vs Position
M3 DET 15 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
M3 DET 16 SS1 High gain
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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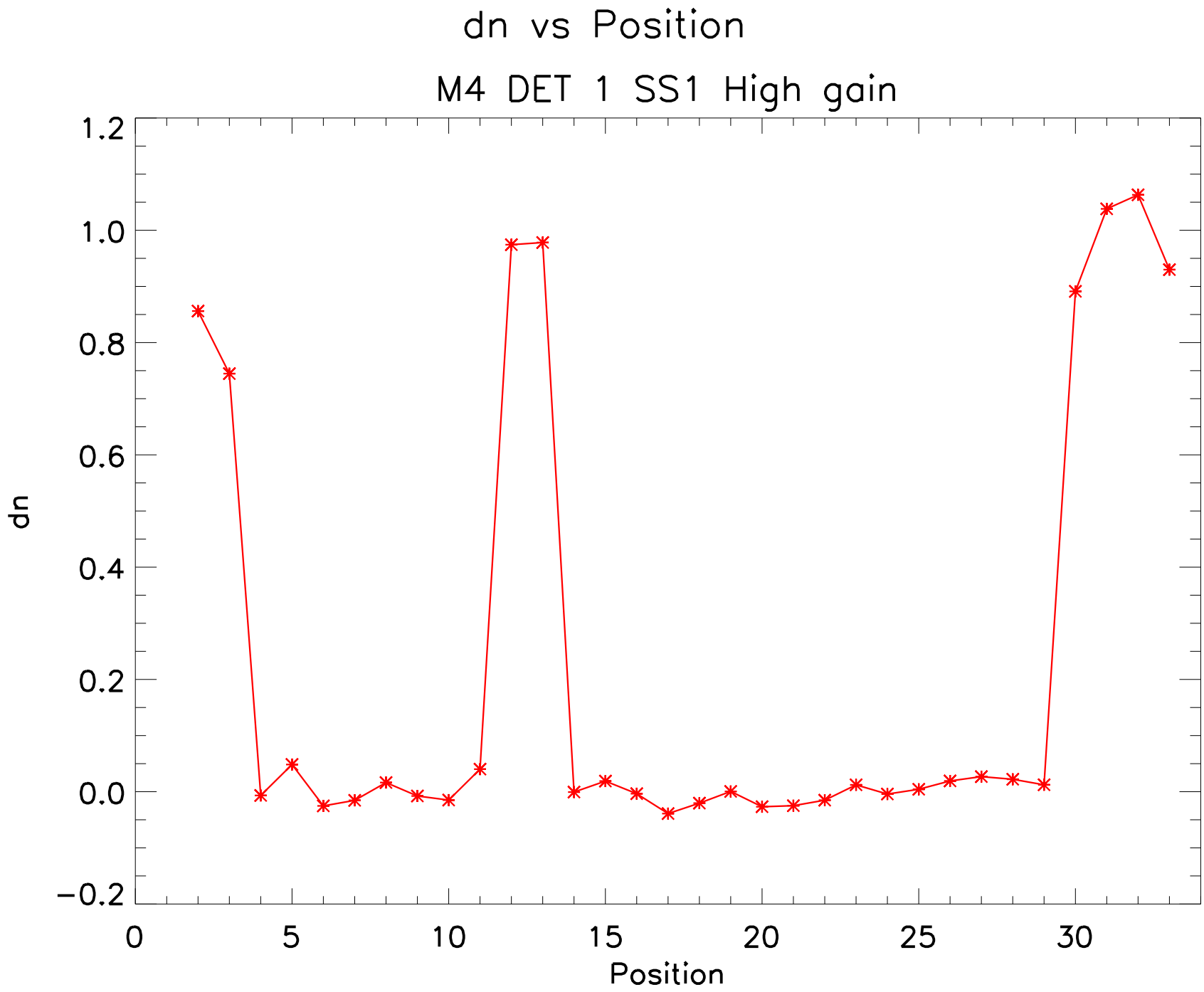
20
25
30
Position


dn vs Position
M4 DET 1 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
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25
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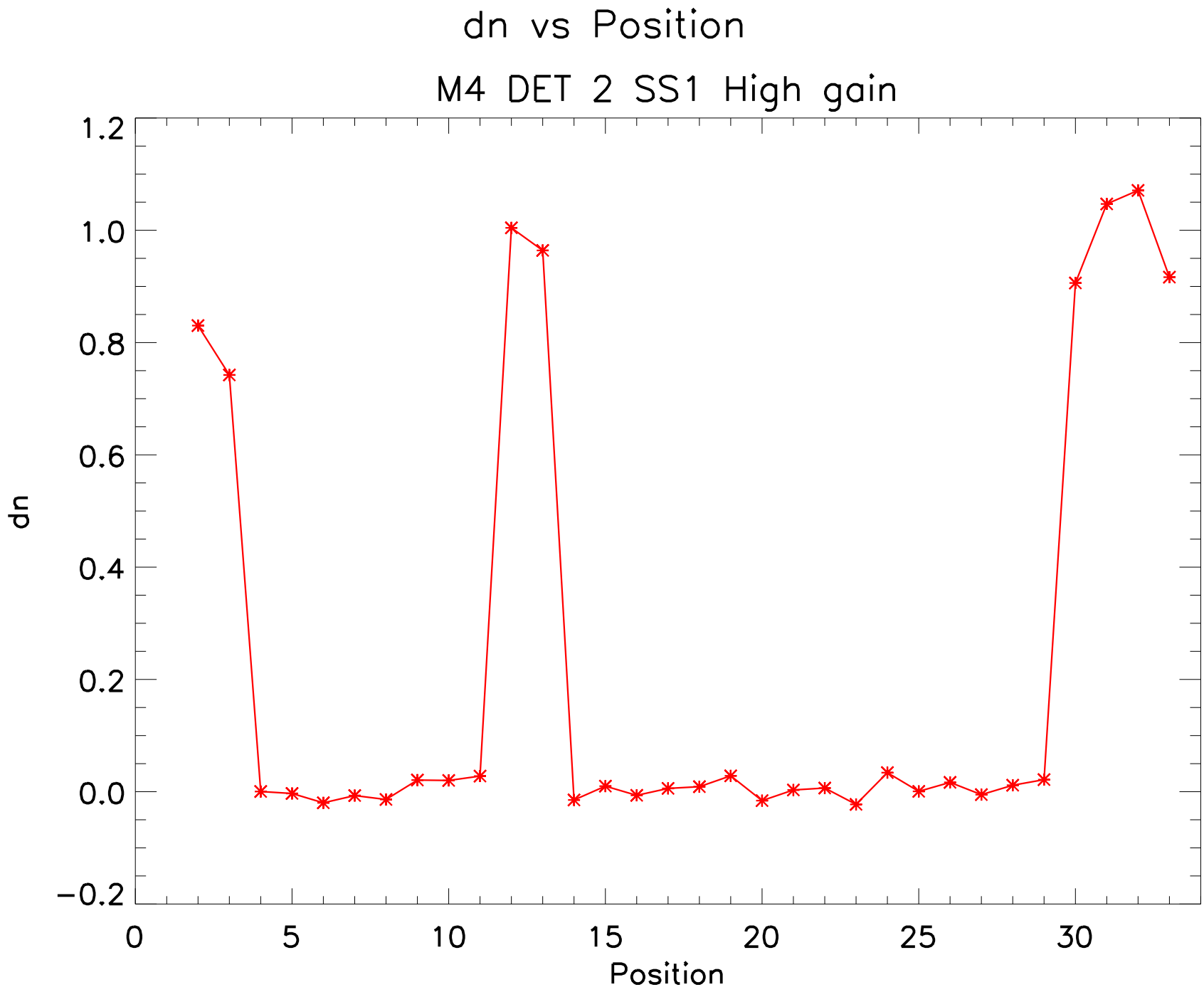
dn vs Position
M4 DET 2 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
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15
20
25
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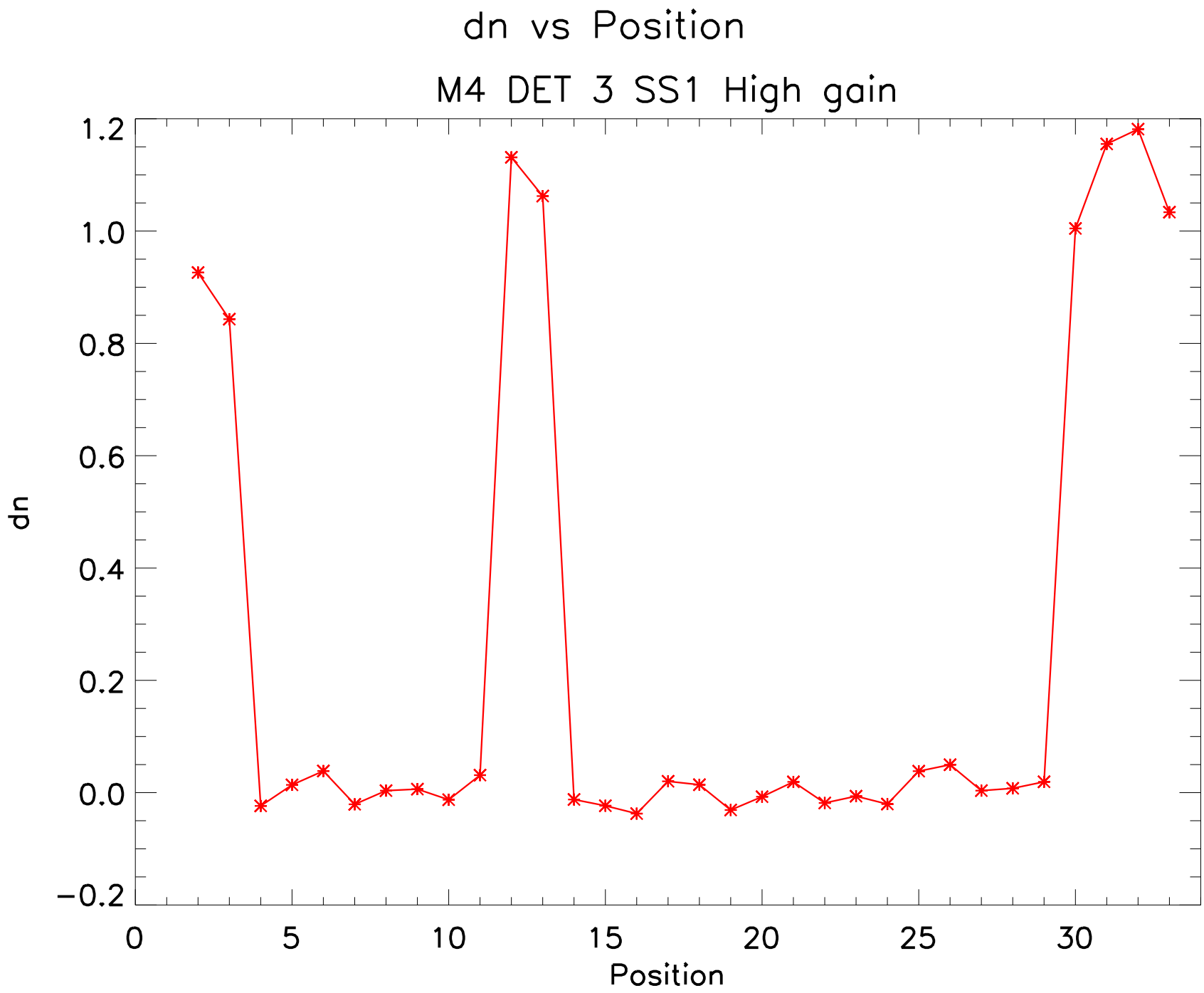
dn vs Position
M4 DET 3 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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20
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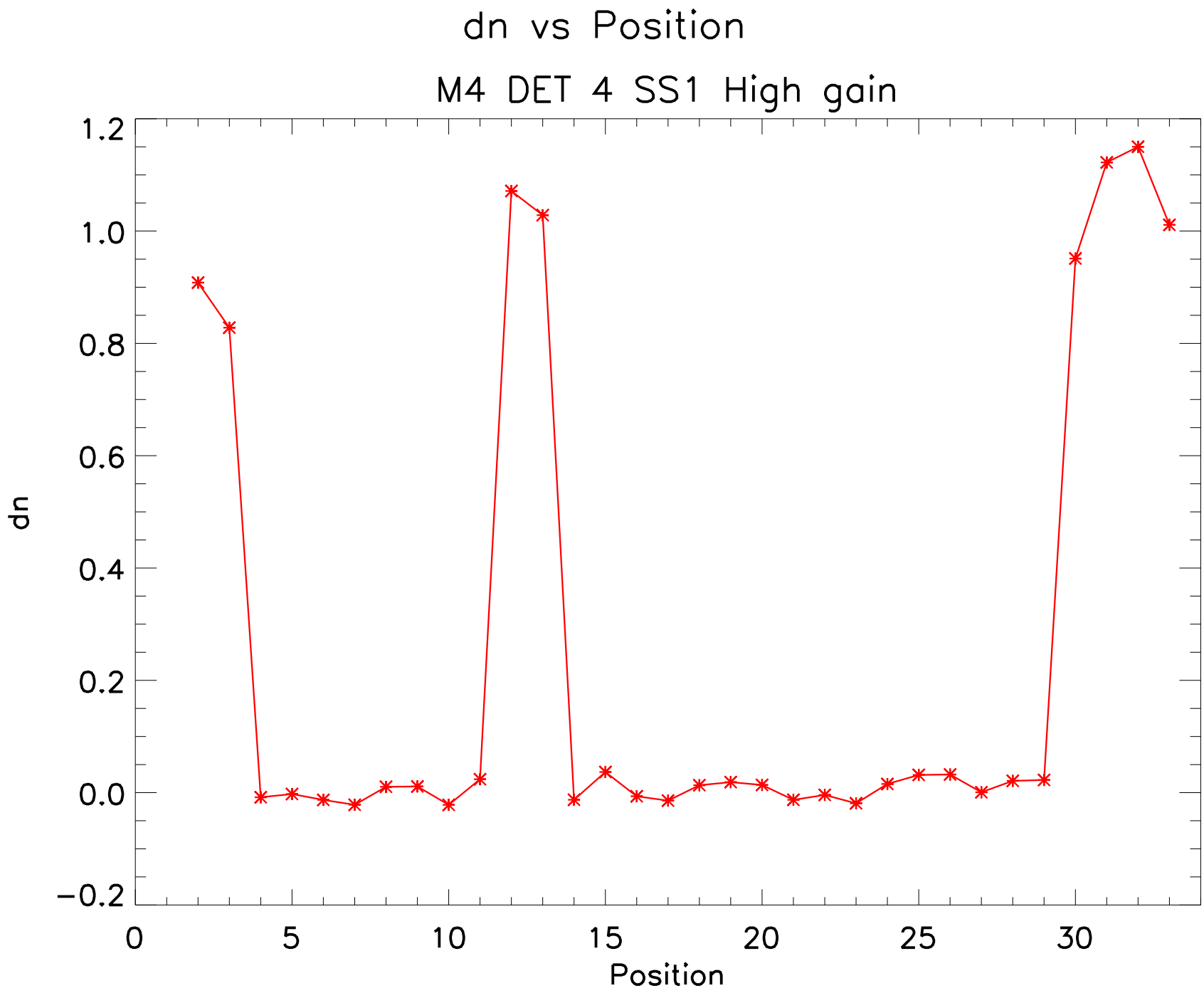
Position


dn vs Position
M4 DET 4 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
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15
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25
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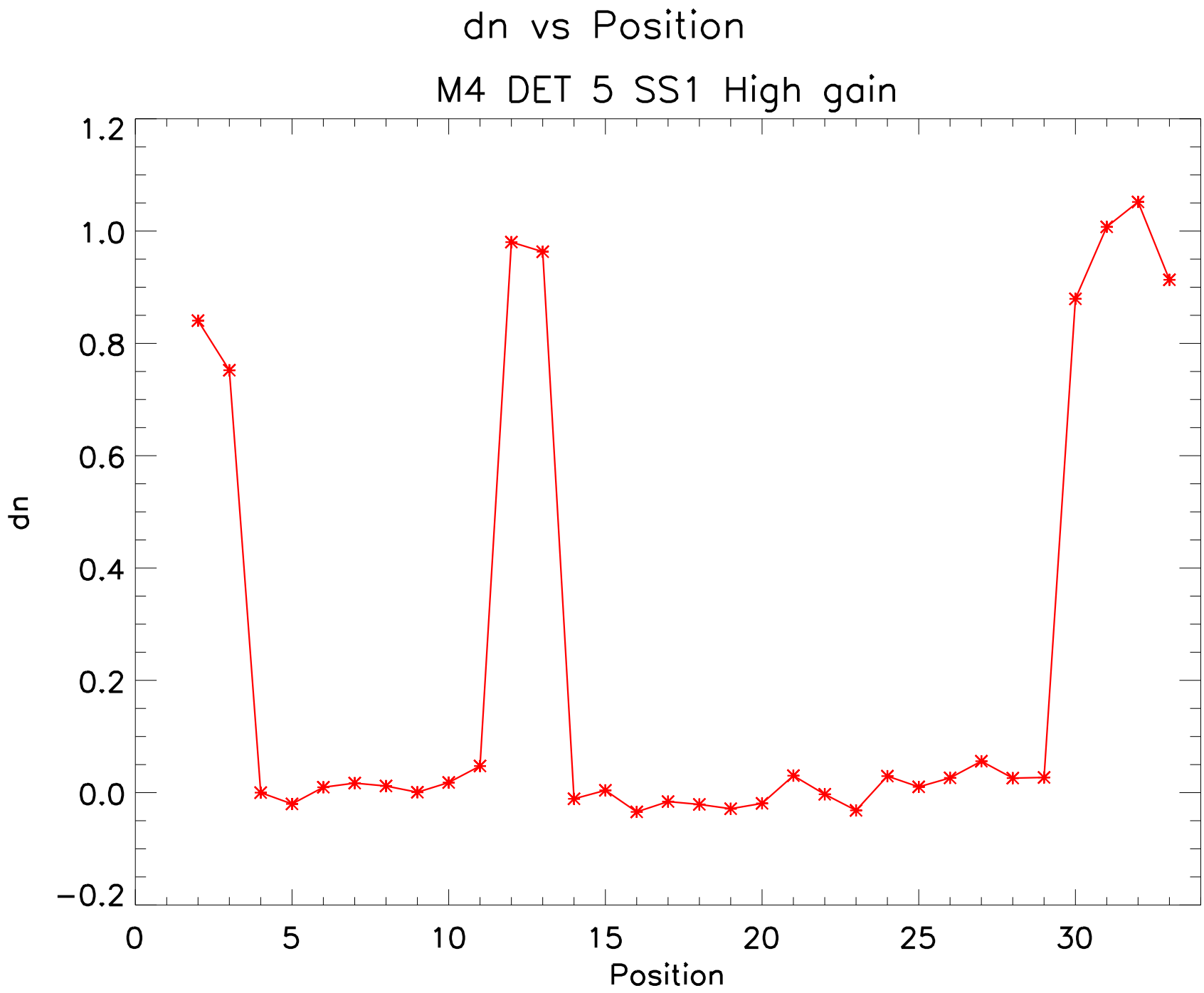
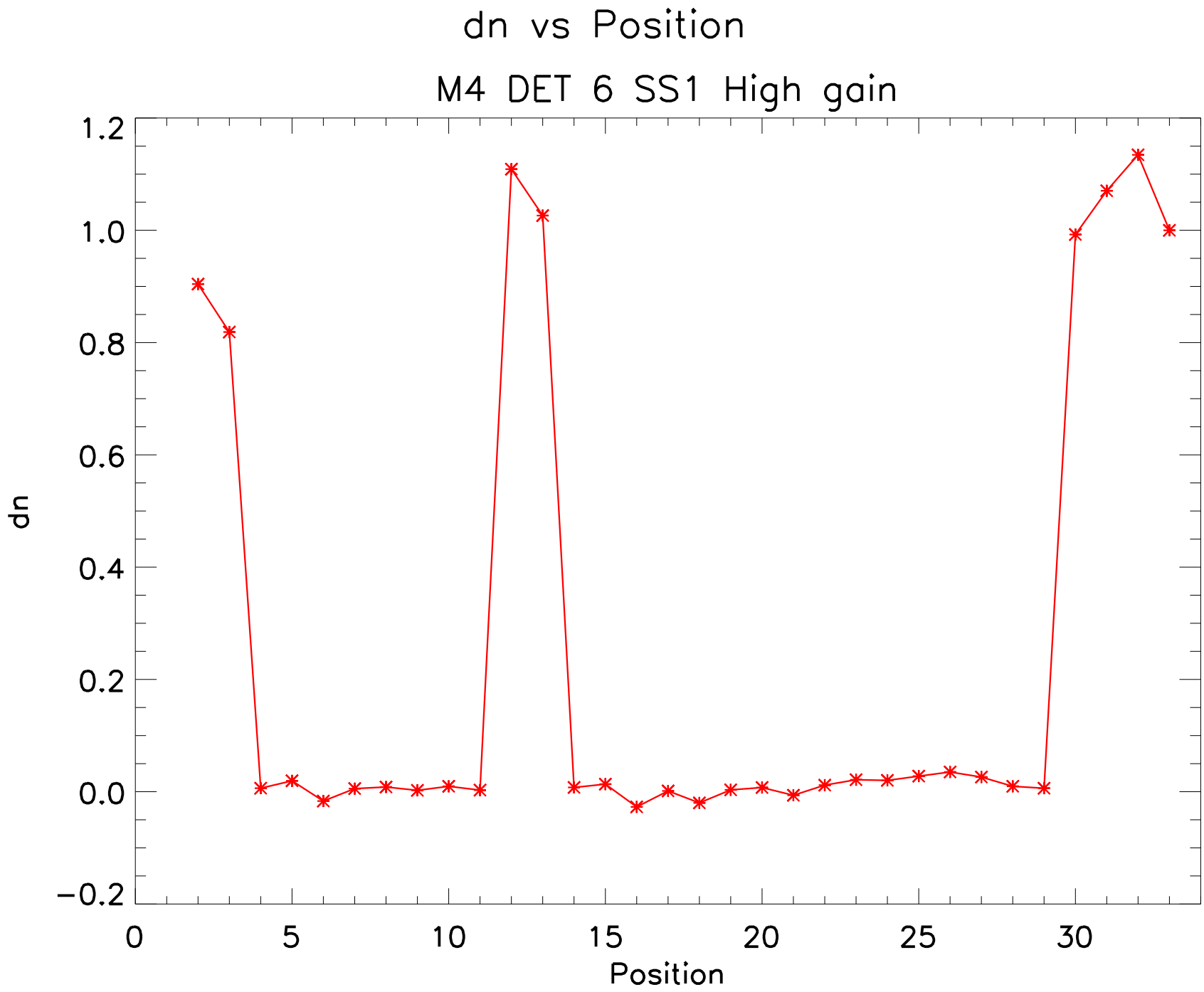
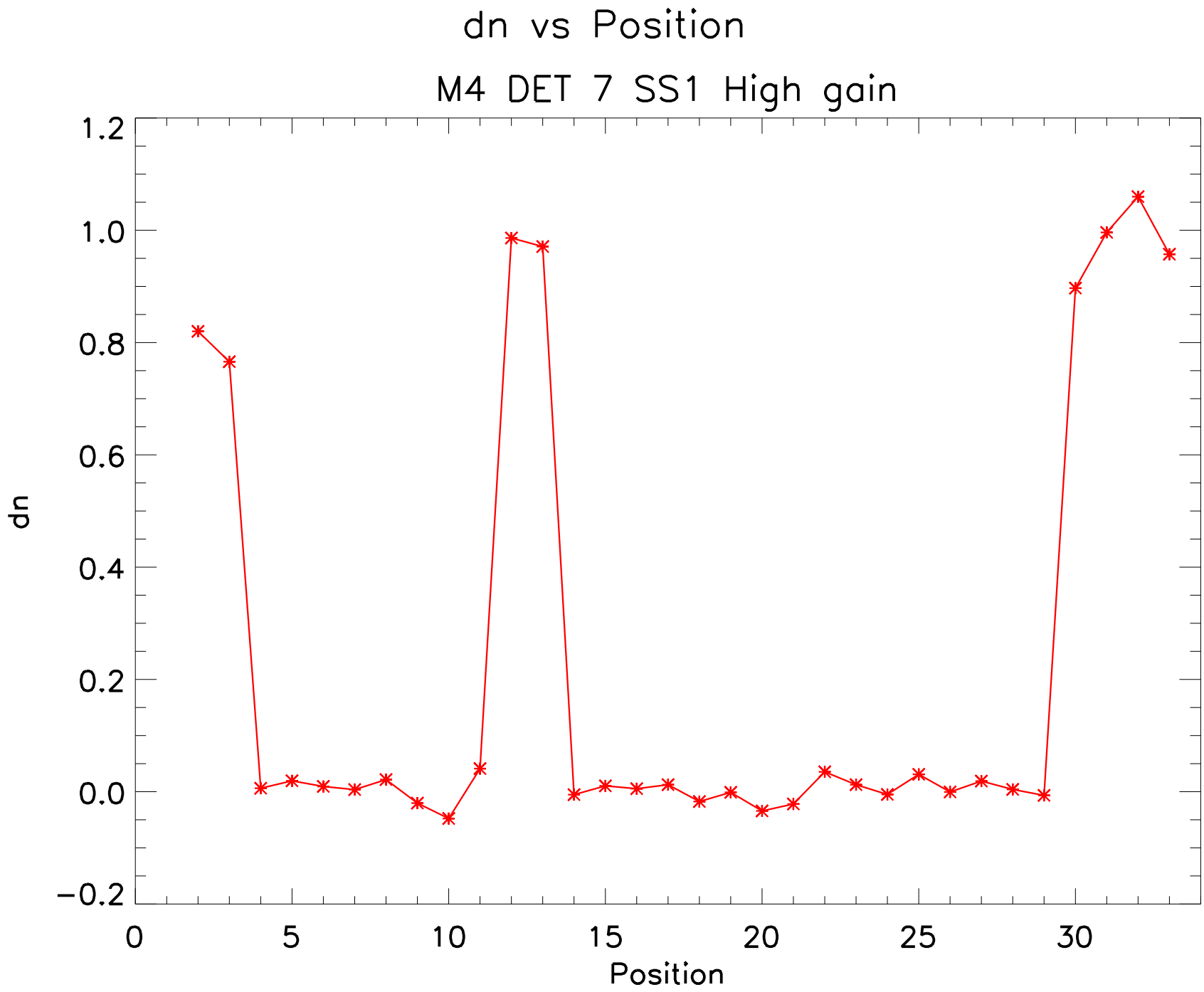
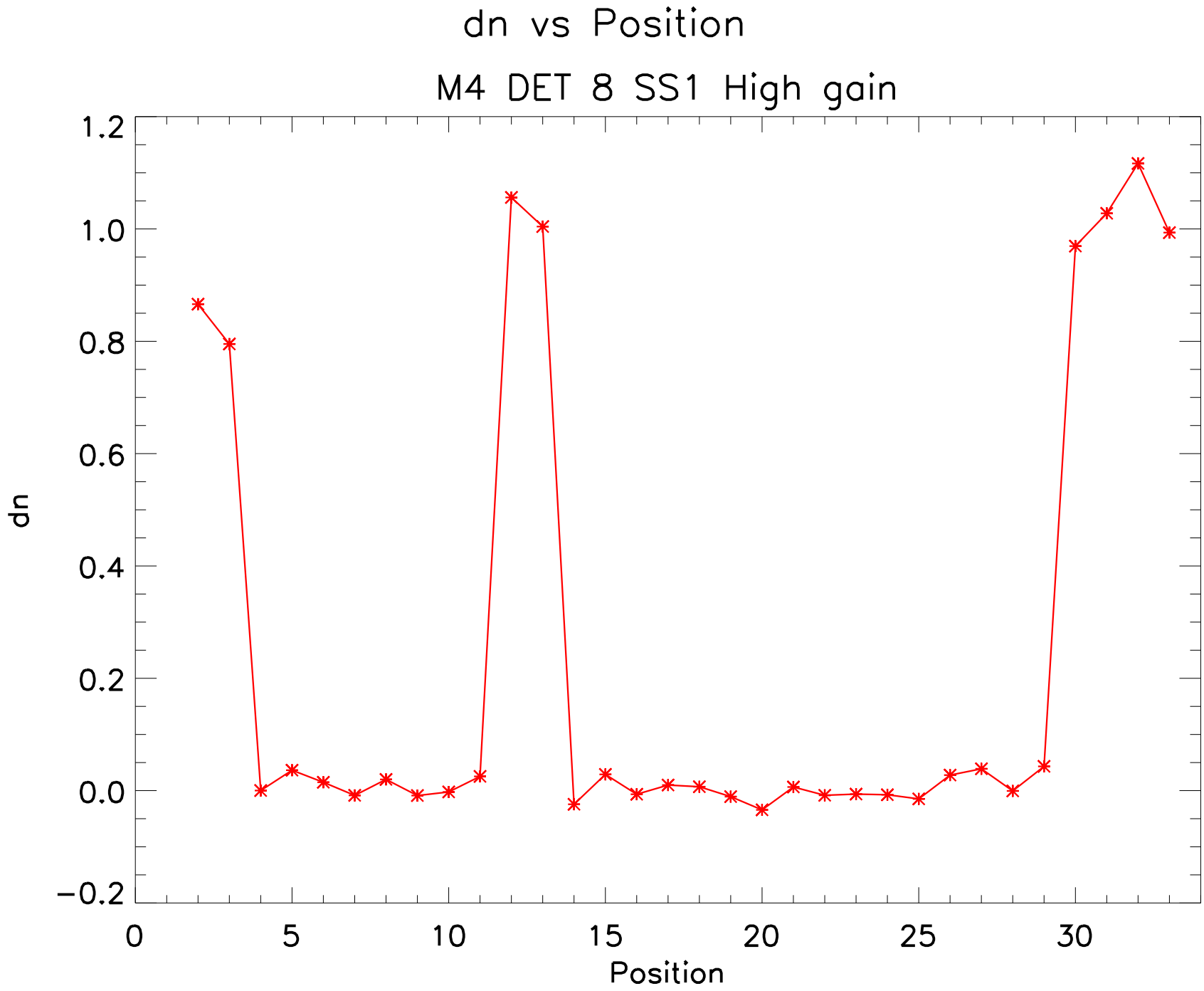

dn vs Position
M4 DET 5 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30


dn vs Position
M4 DET 6 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30


dn vs Position
M4 DET 7 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30


dn vs Position
M4 DET 8 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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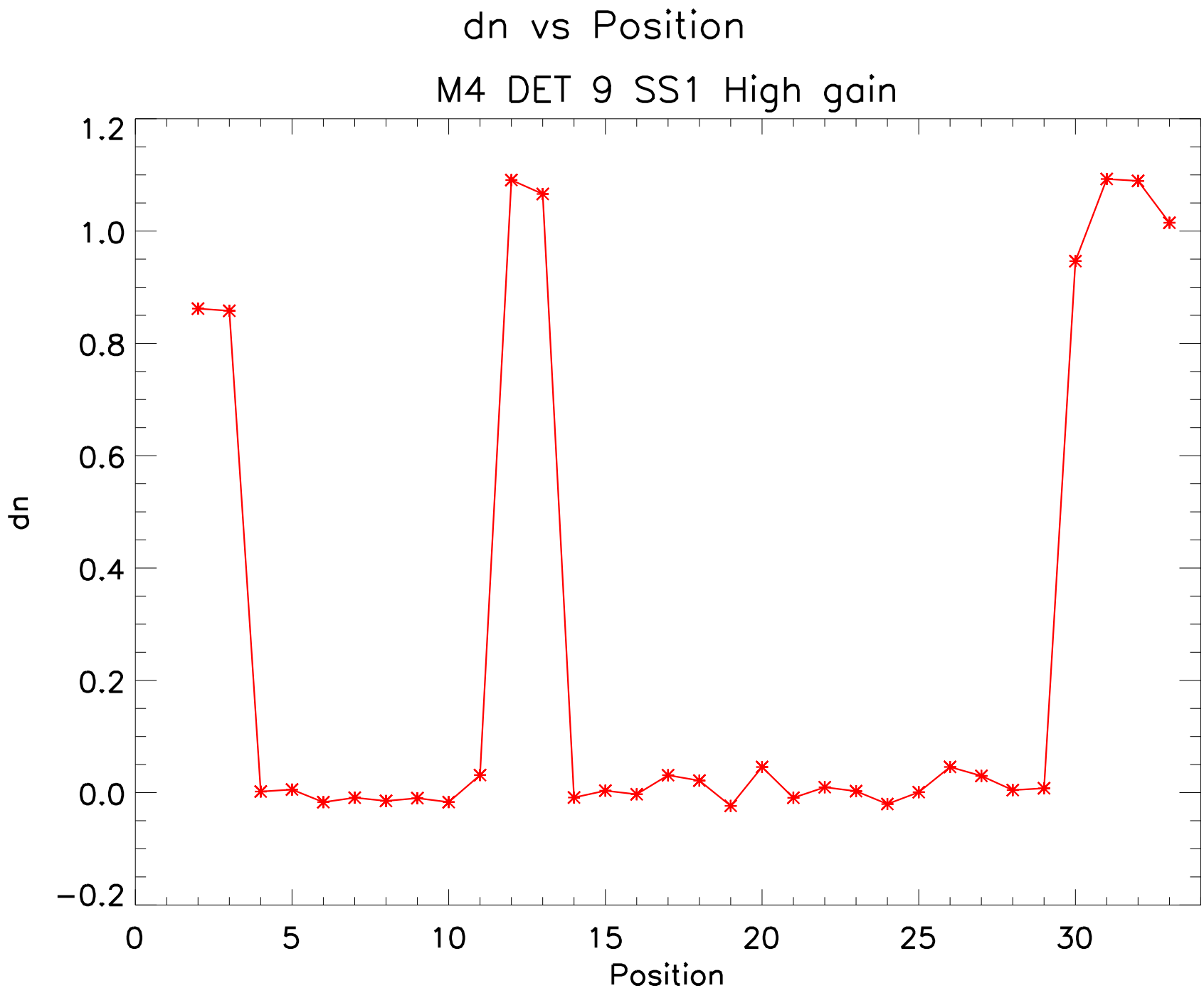
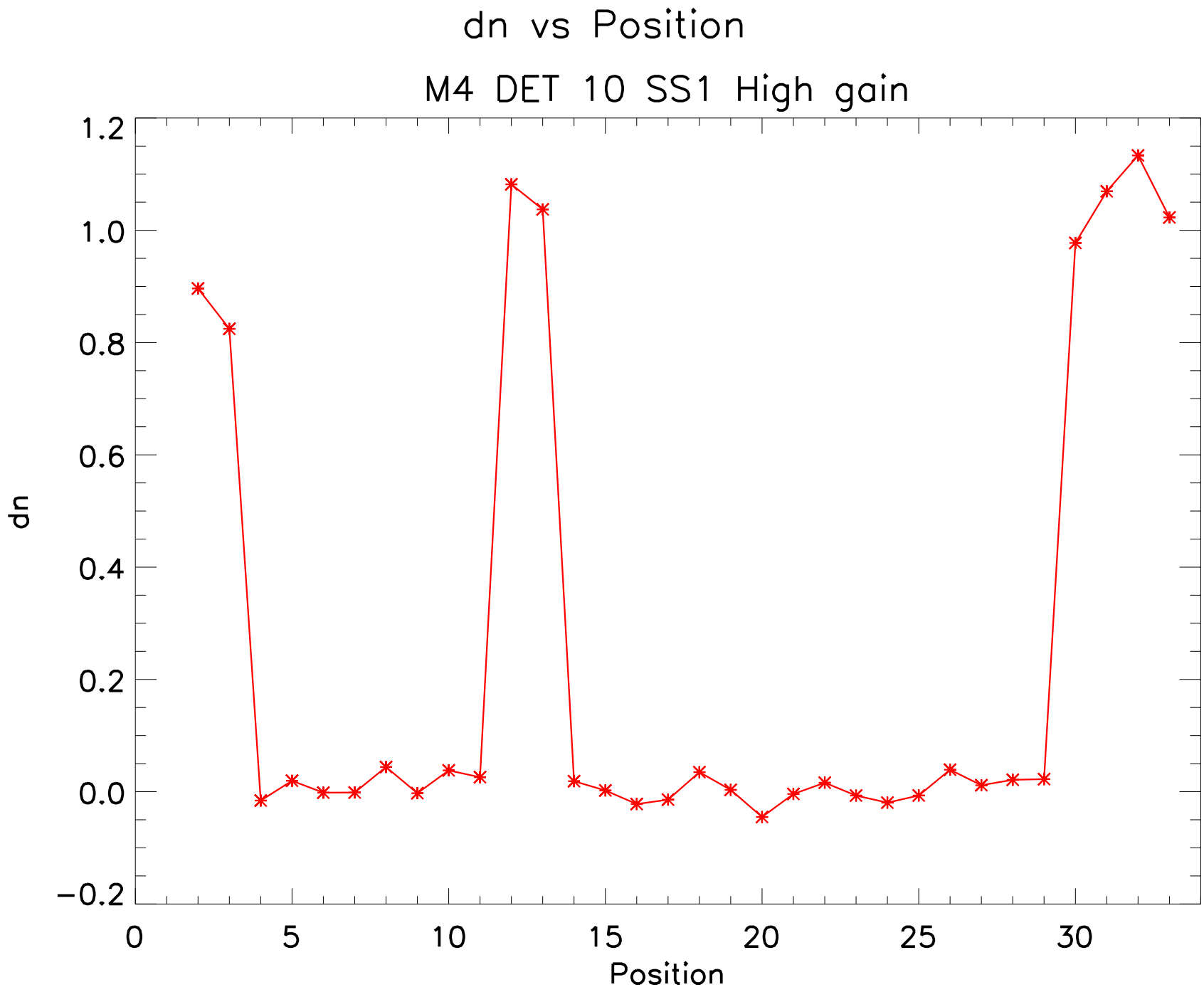
10
15
20
25
30


dn vs Position
M4 DET 9 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30


dn vs Position
M4 DET 10 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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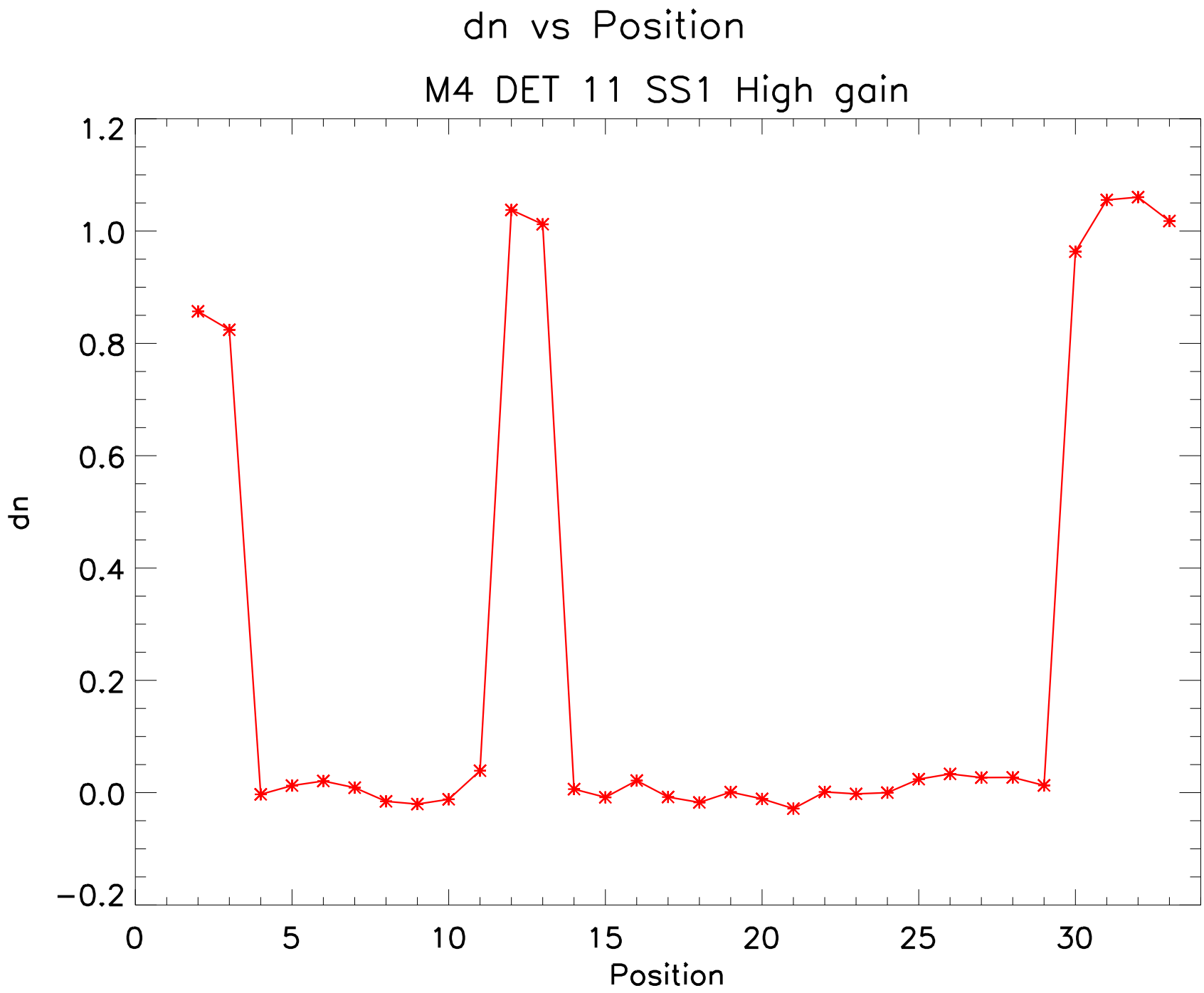
10
15
20
25
30
Position


dn vs Position
M4 DET 11 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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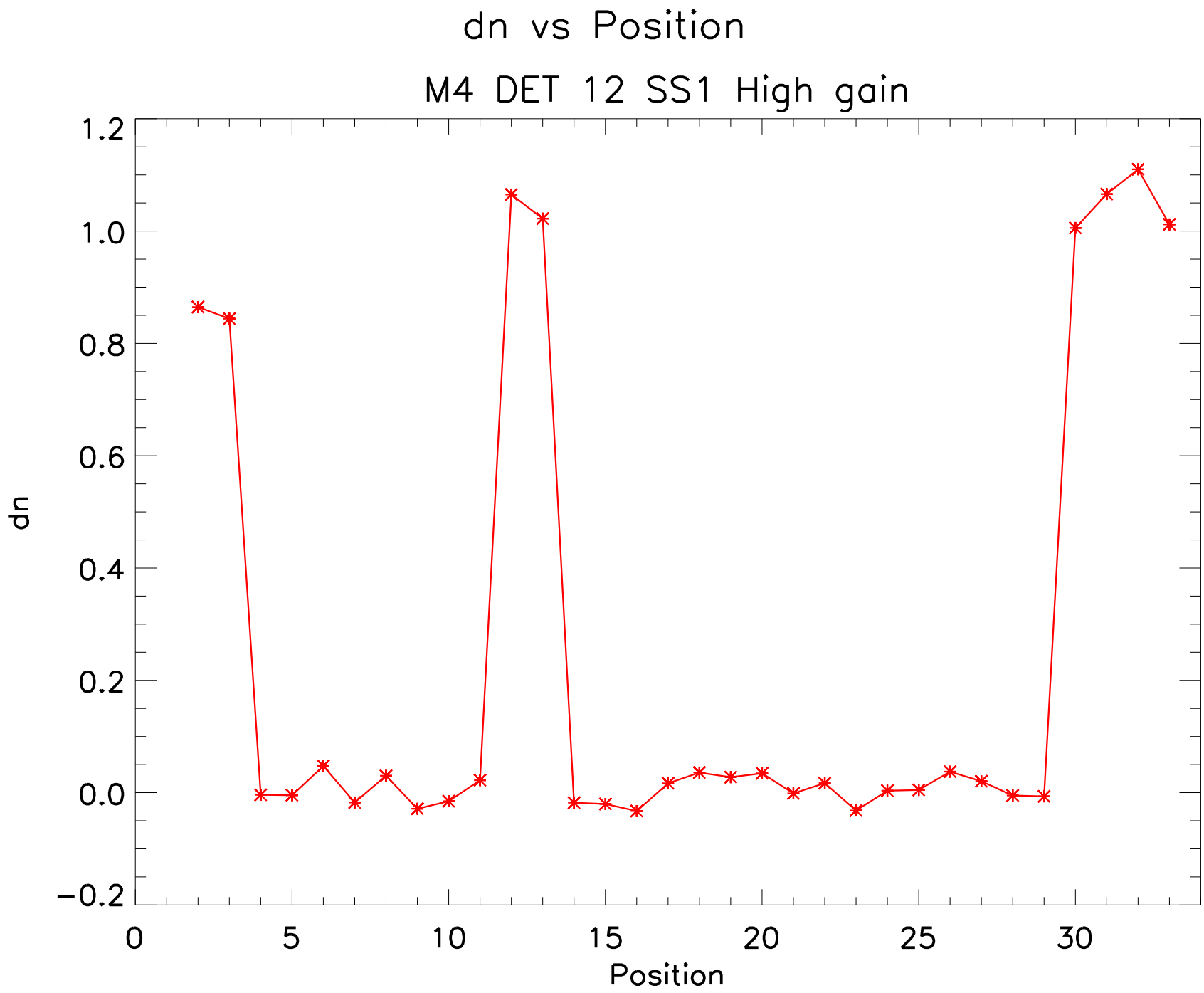
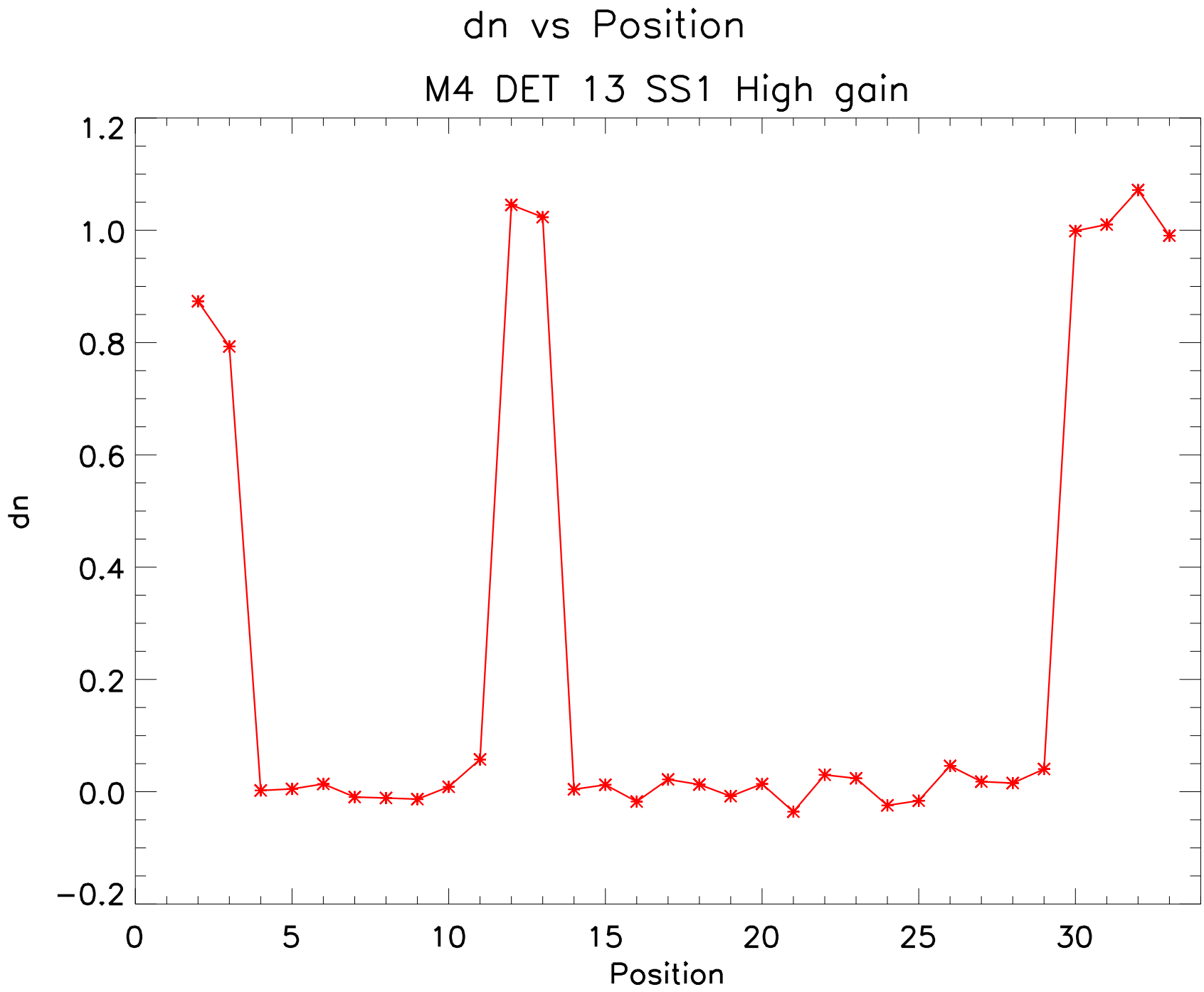
20
25
30
Position


dn vs Position
M4 DET 12 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
30


dn vs Position
M4 DET 13 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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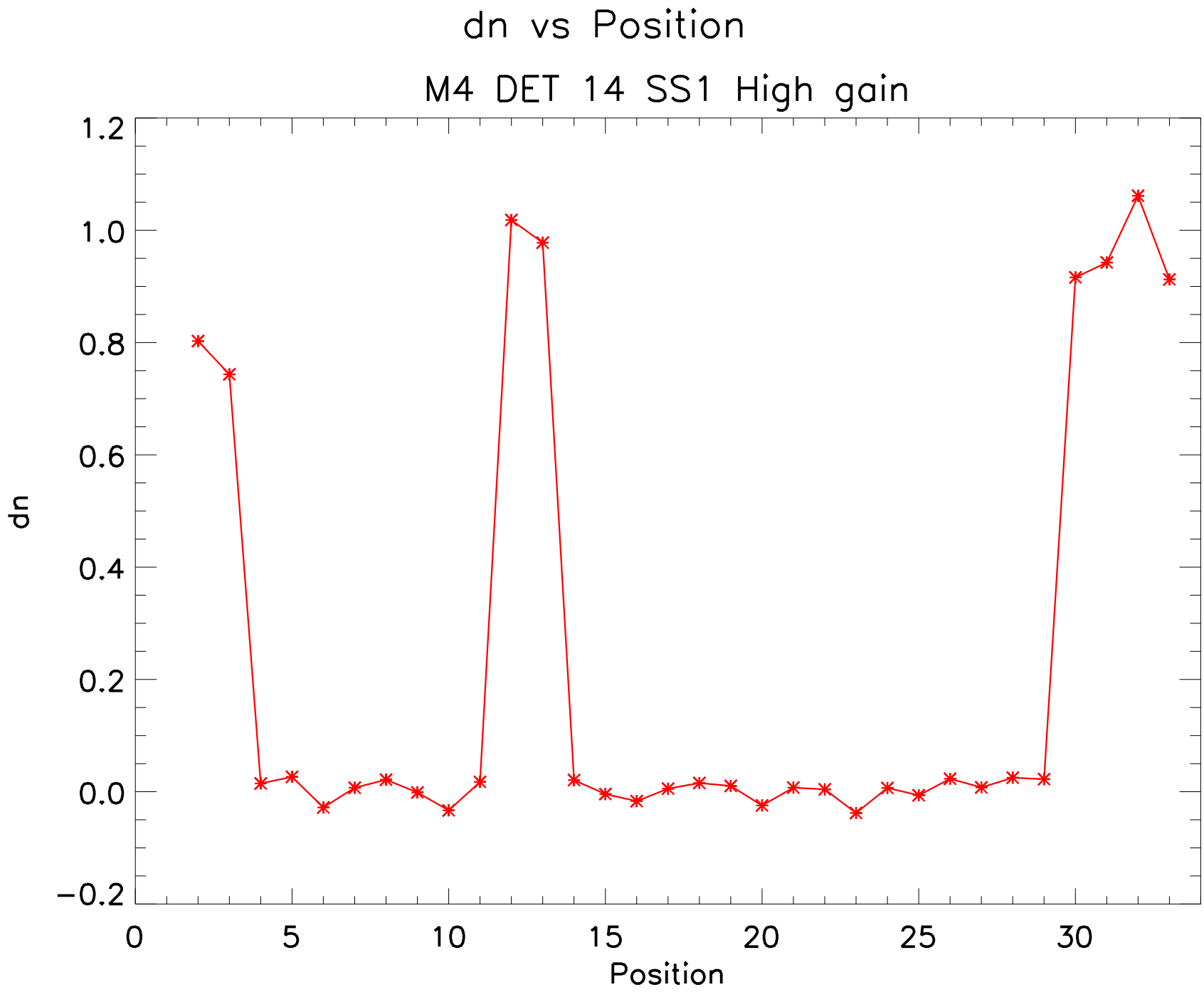
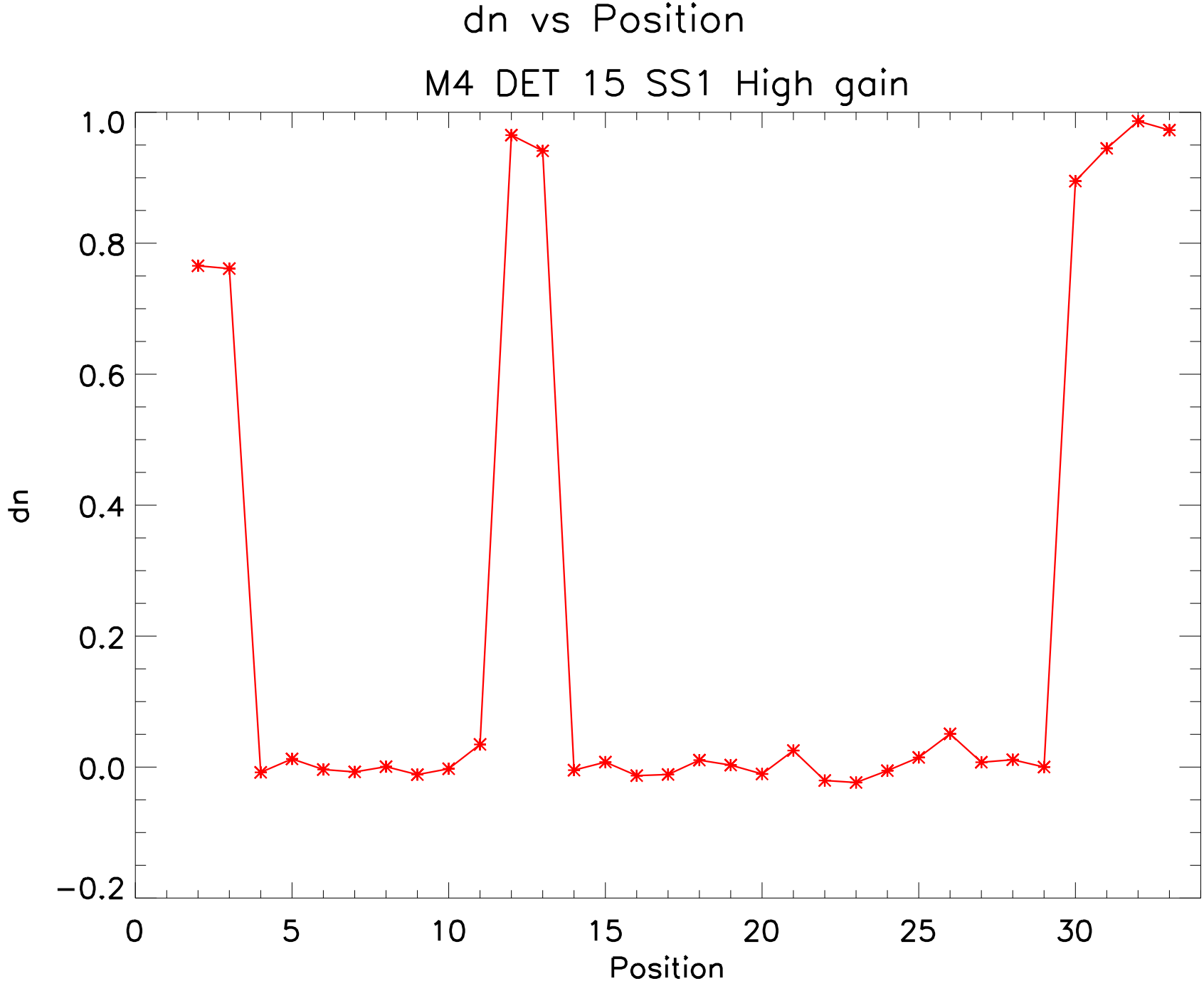
Position


dn vs Position
M4 DET 14 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
M4 DET 15 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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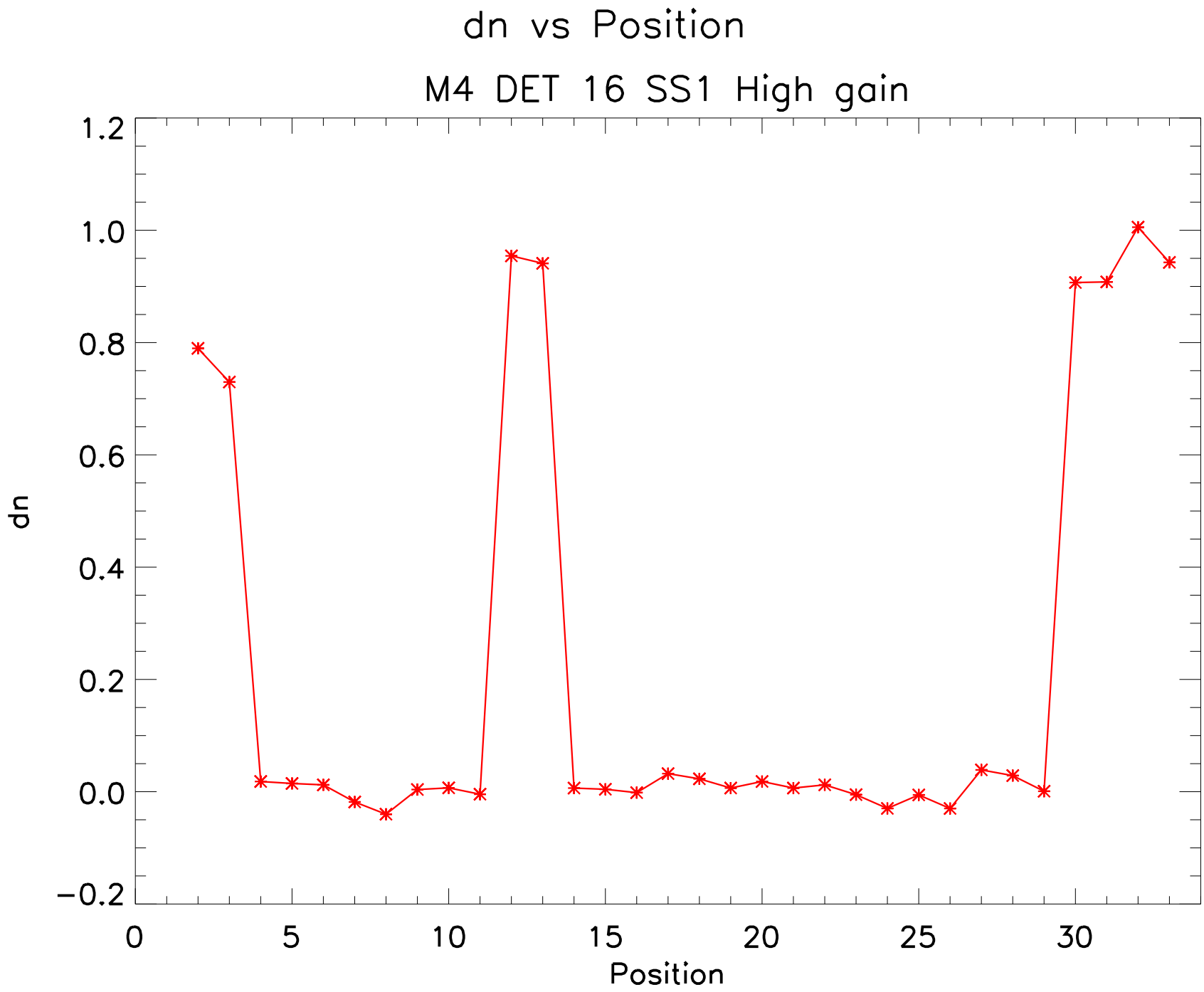
10
15
20
25
30
Position


dn vs Position
M4 DET 16 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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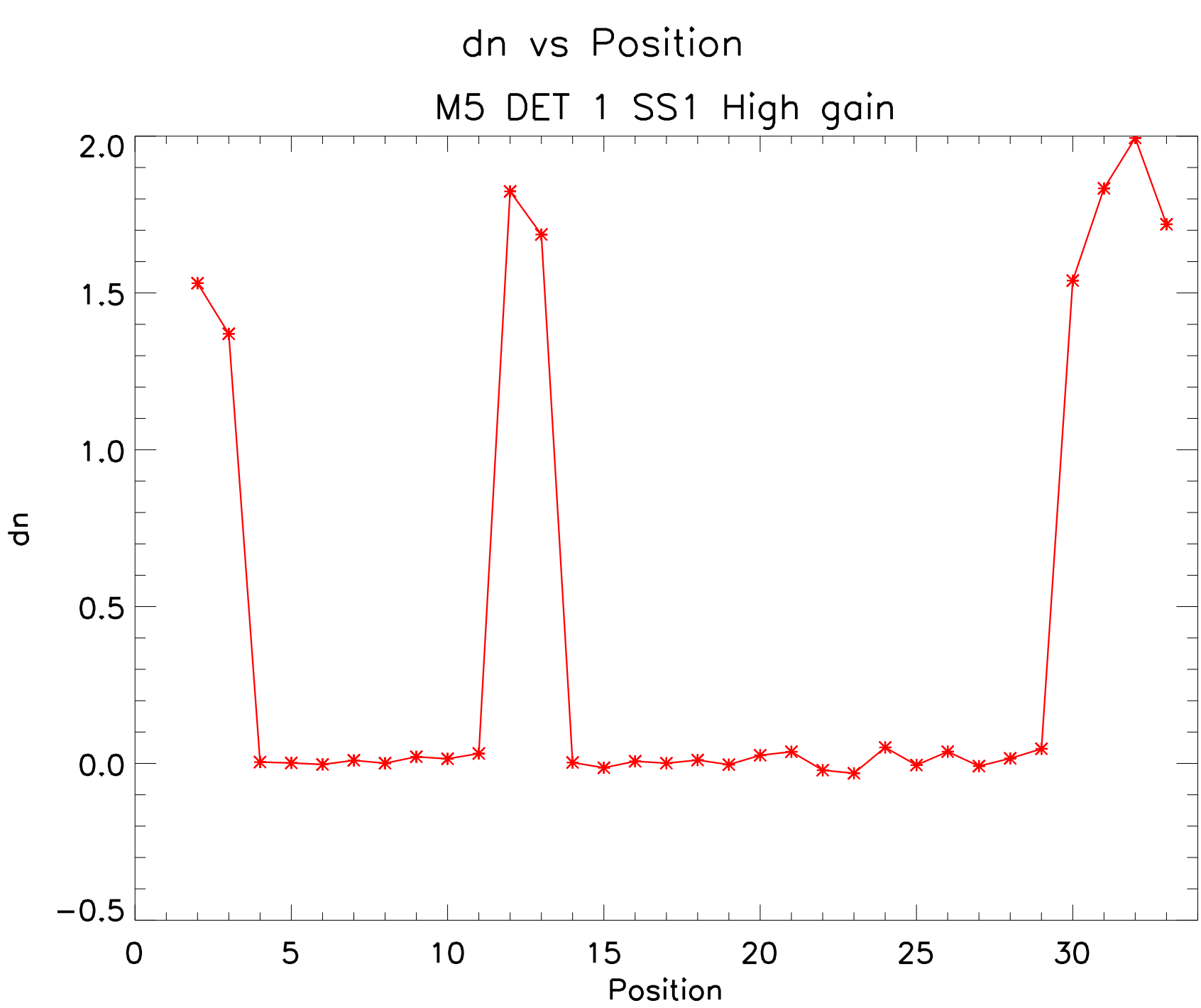
20
25
30
Position


dn vs Position
M5 DET 1 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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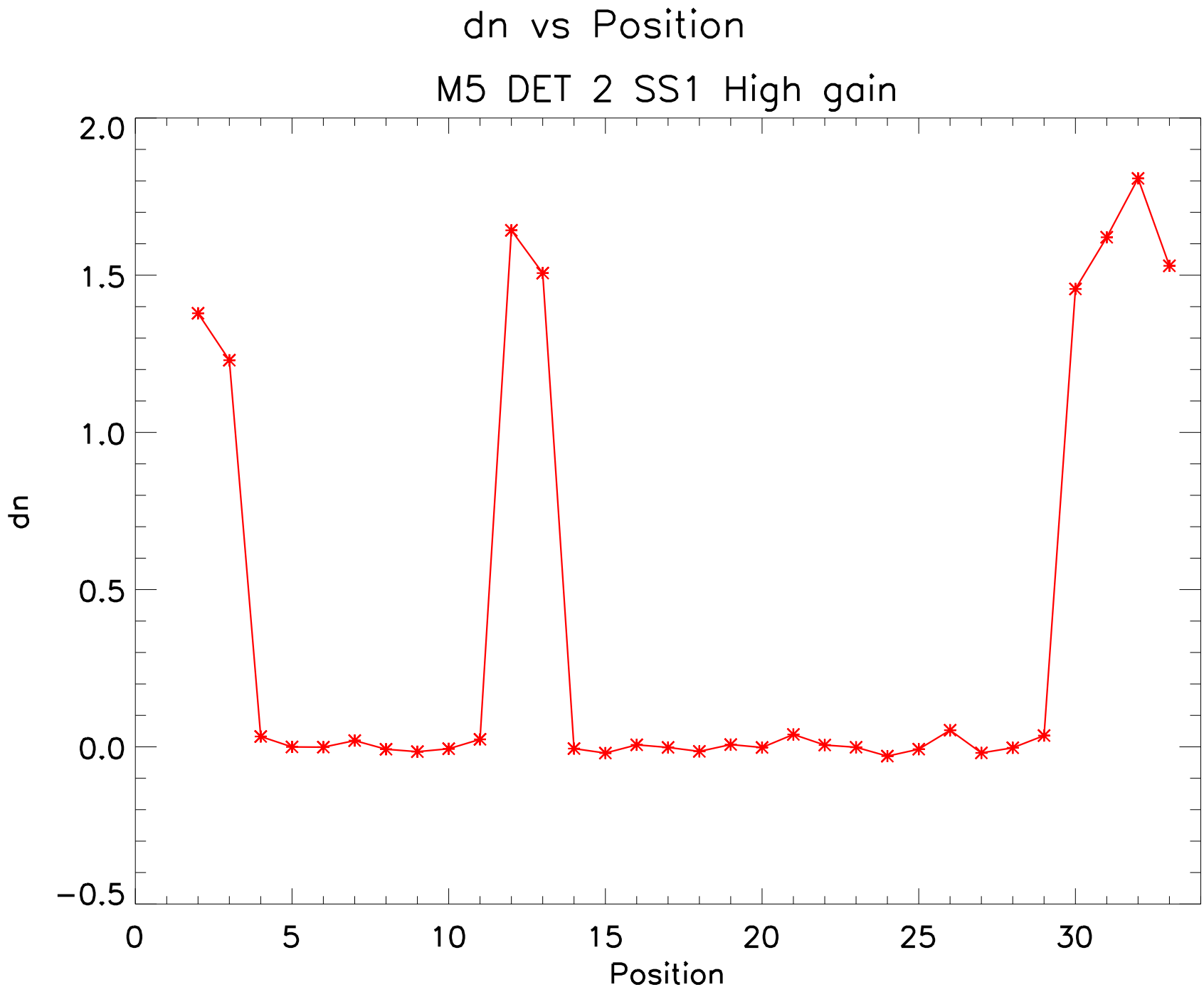
10
15
20
25
30
Position


dn vs Position
M5 DET 2 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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10
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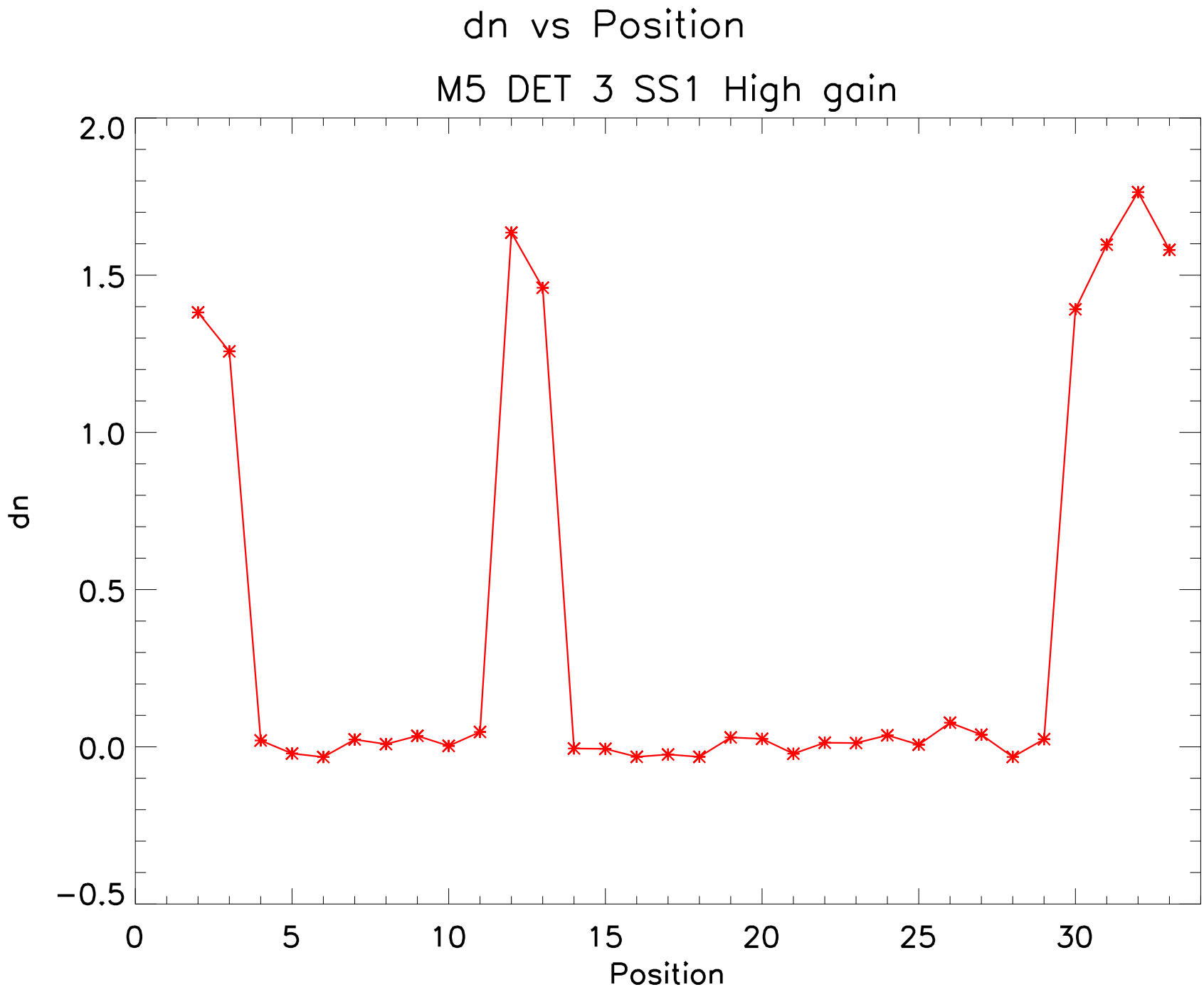
20
25
30
Position


dn vs Position
M5 DET 3 SS1 High gain
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1.5
1.0
0.5
0.0
−0.5
dn
0
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10
15
20
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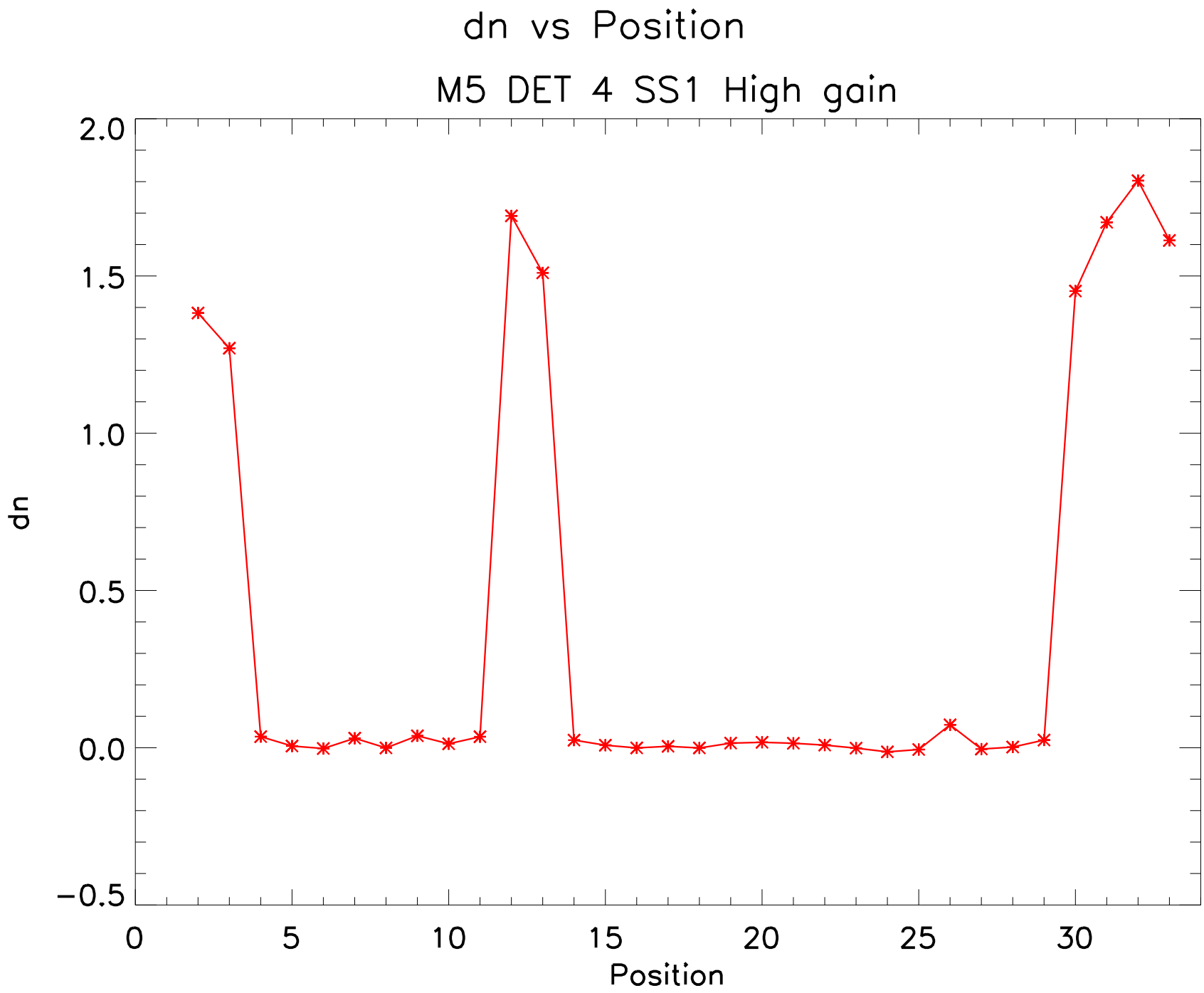
30
Position


dn vs Position
M5 DET 4 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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10
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20
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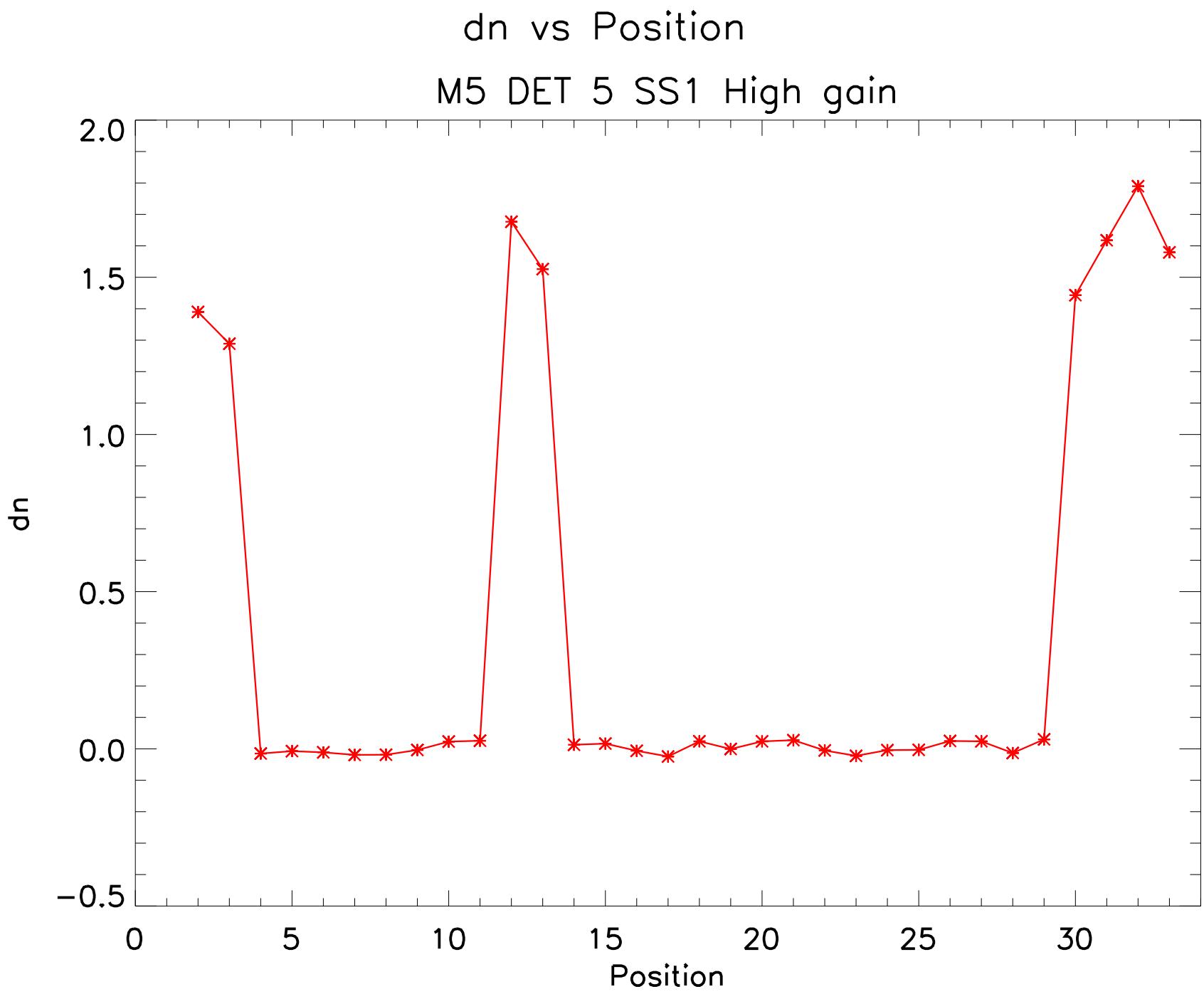
30
Position


dn vs Position
M5 DET 5 SS1 High gain
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1.5
1.0
0.5
0.0
−0.5
dn
0
5
10
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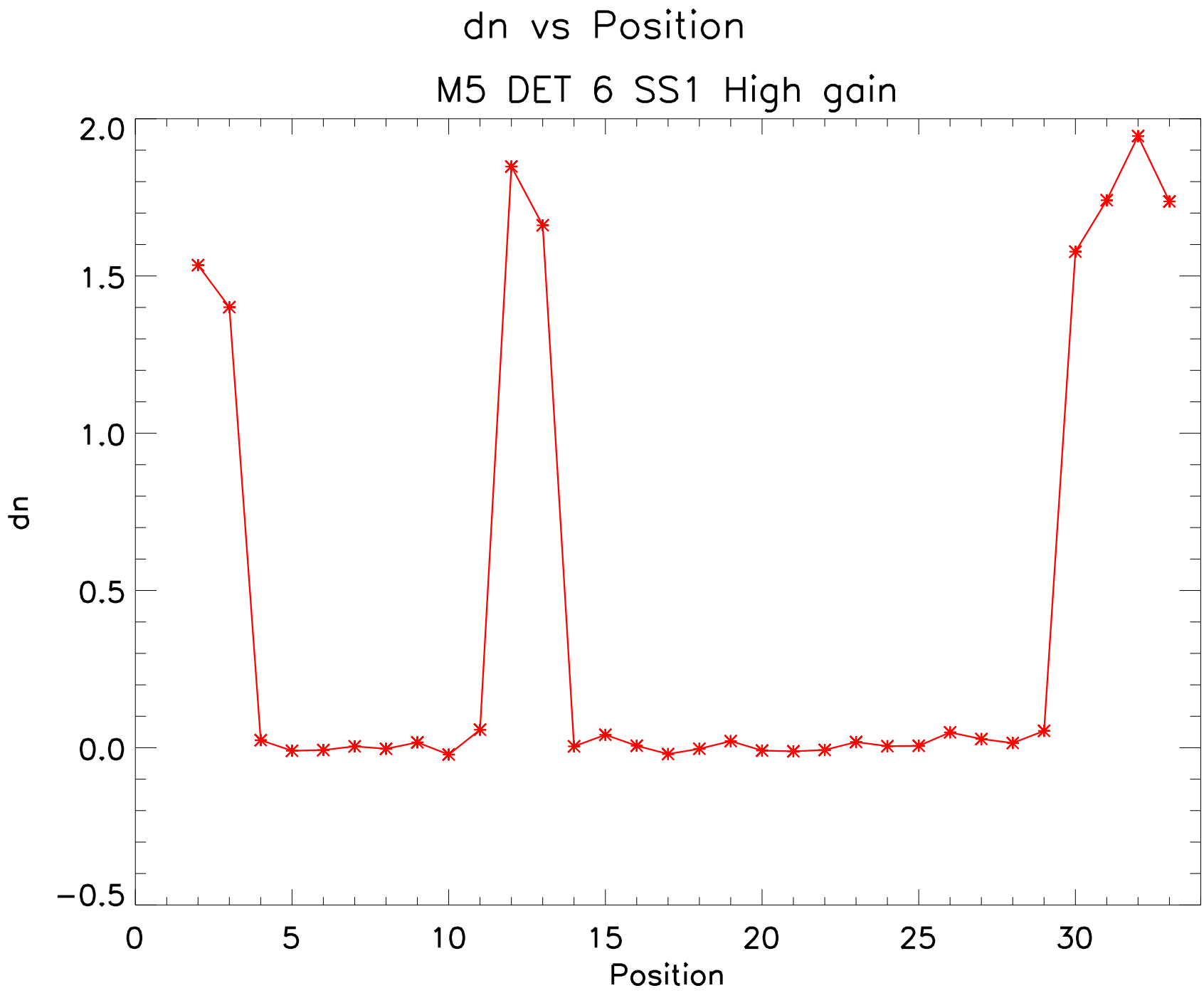
20
25
30
Position


dn vs Position
M5 DET 6 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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15
20
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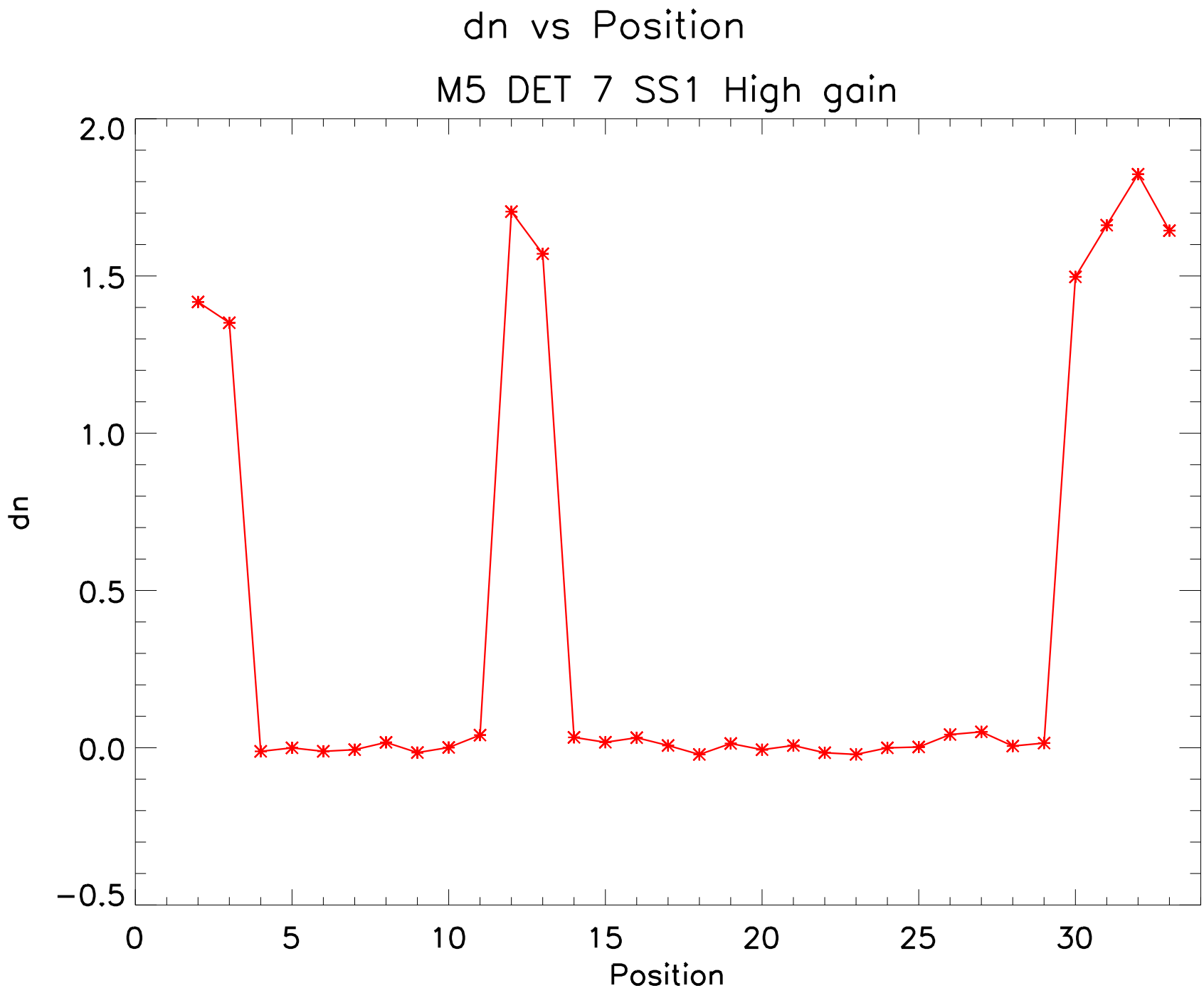
30
Position


dn vs Position
M5 DET 7 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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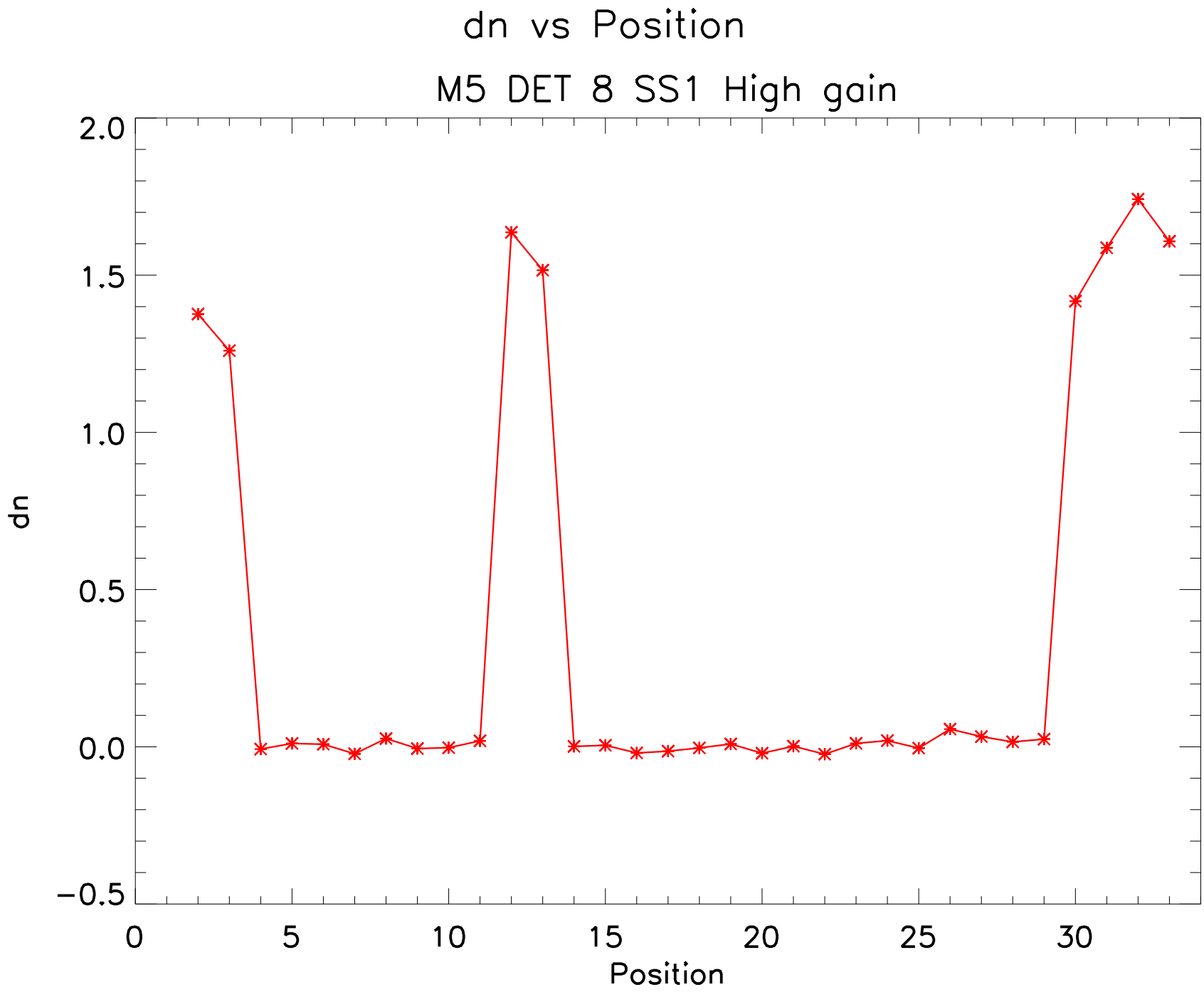
10
15
20
25
30
Position


dn vs Position
M5 DET 8 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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20
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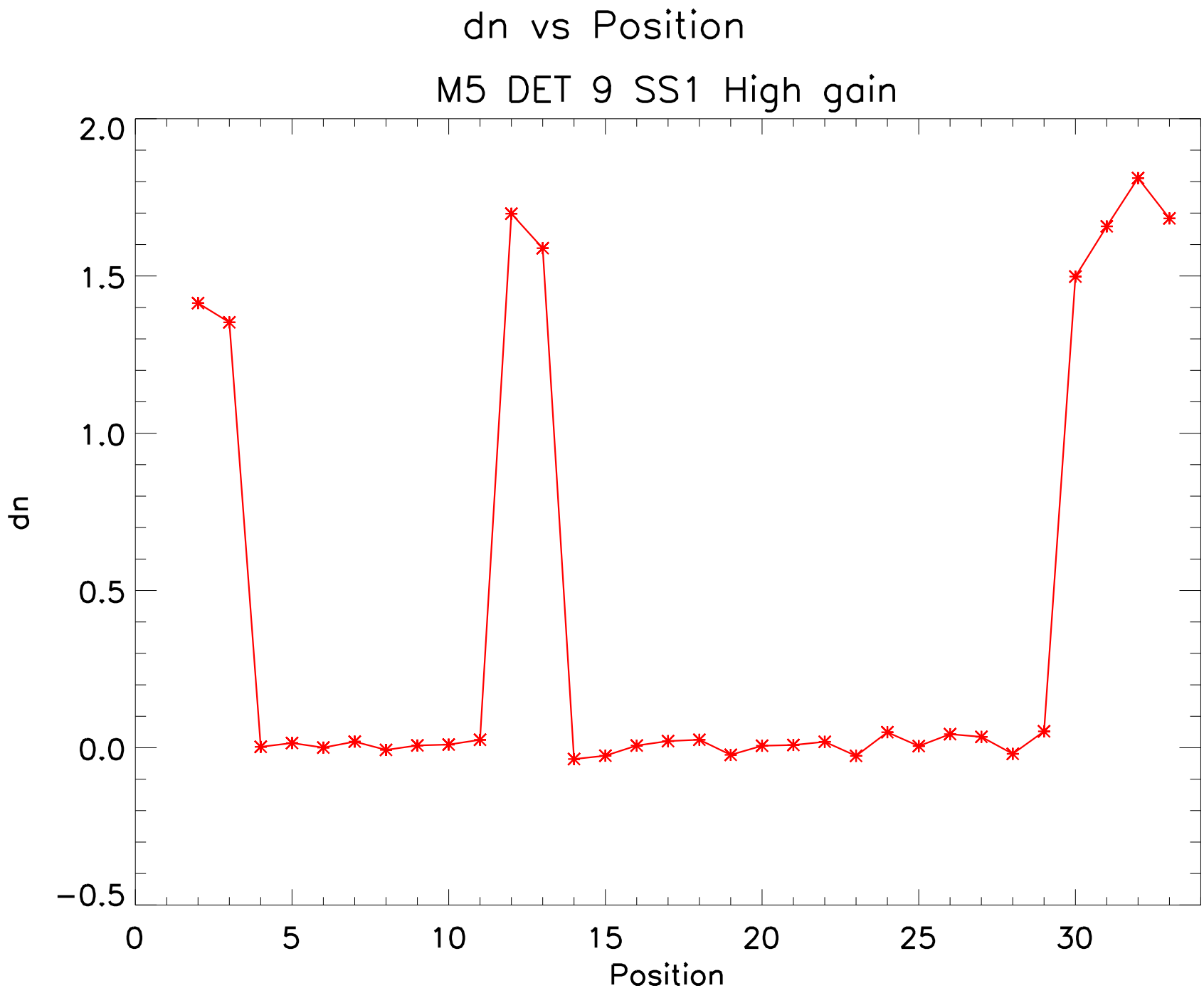
30
Position


dn vs Position
M5 DET 9 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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20
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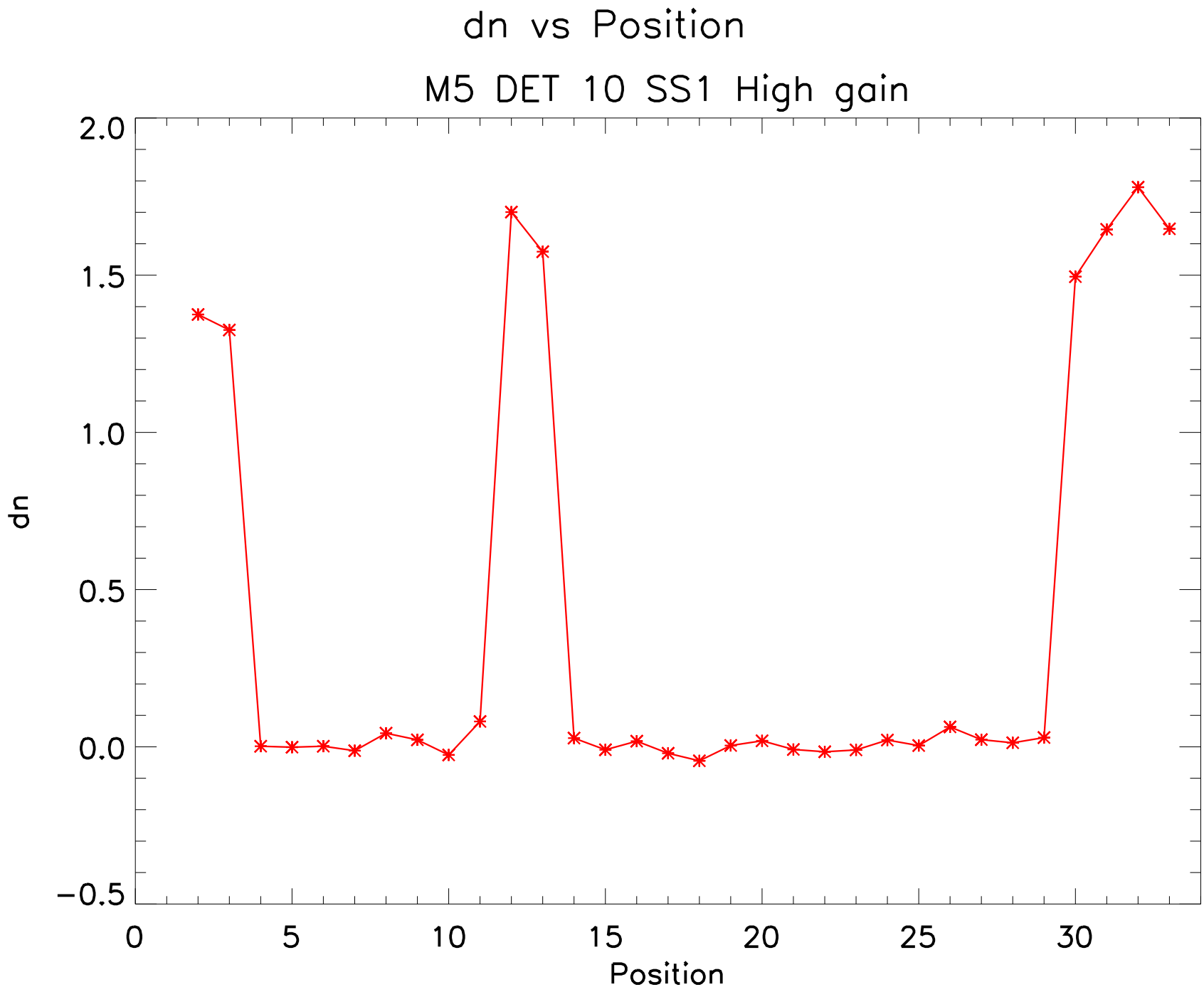
30
Position


dn vs Position
M5 DET 10 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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20
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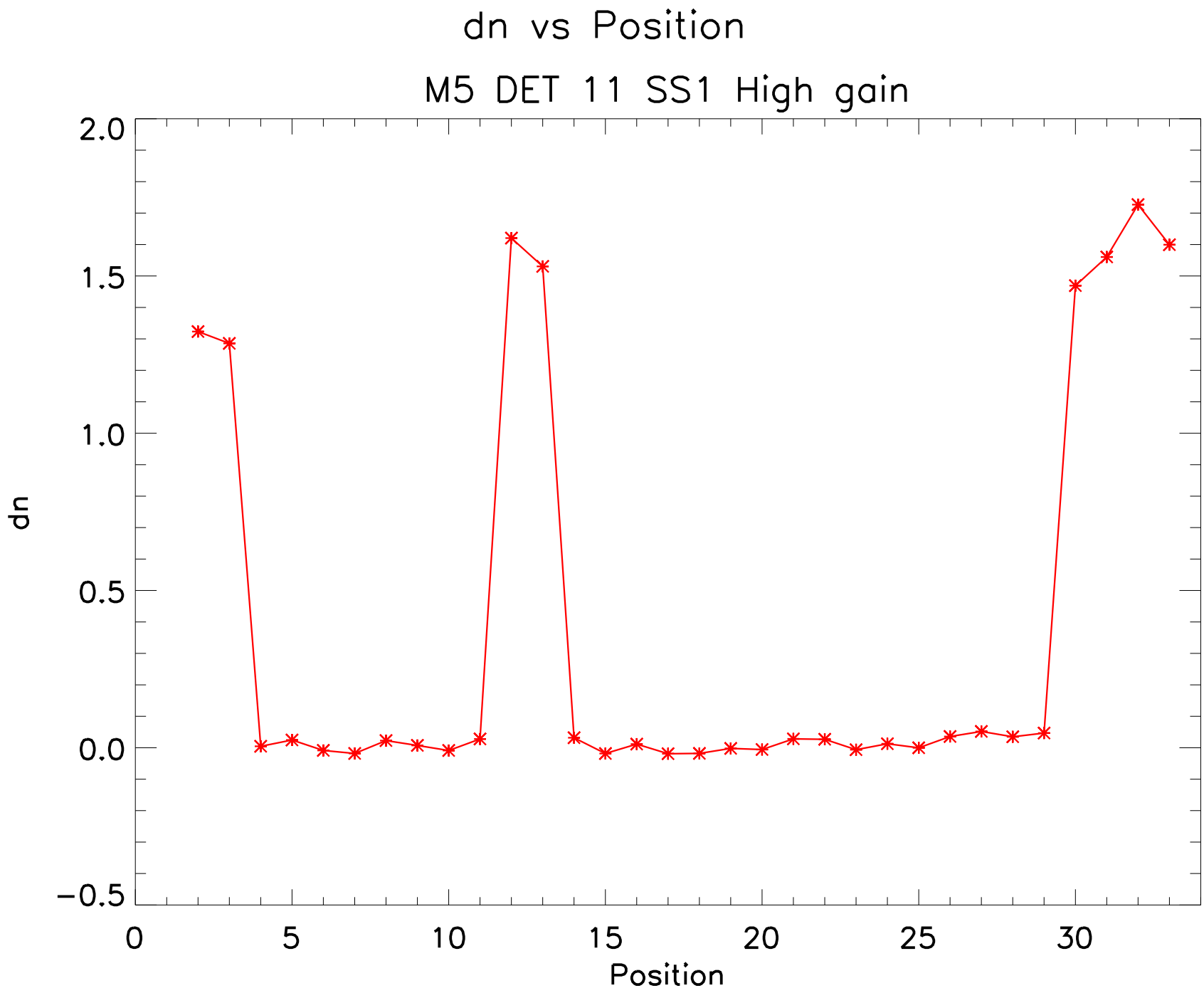
30
Position


dn vs Position
M5 DET 11 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
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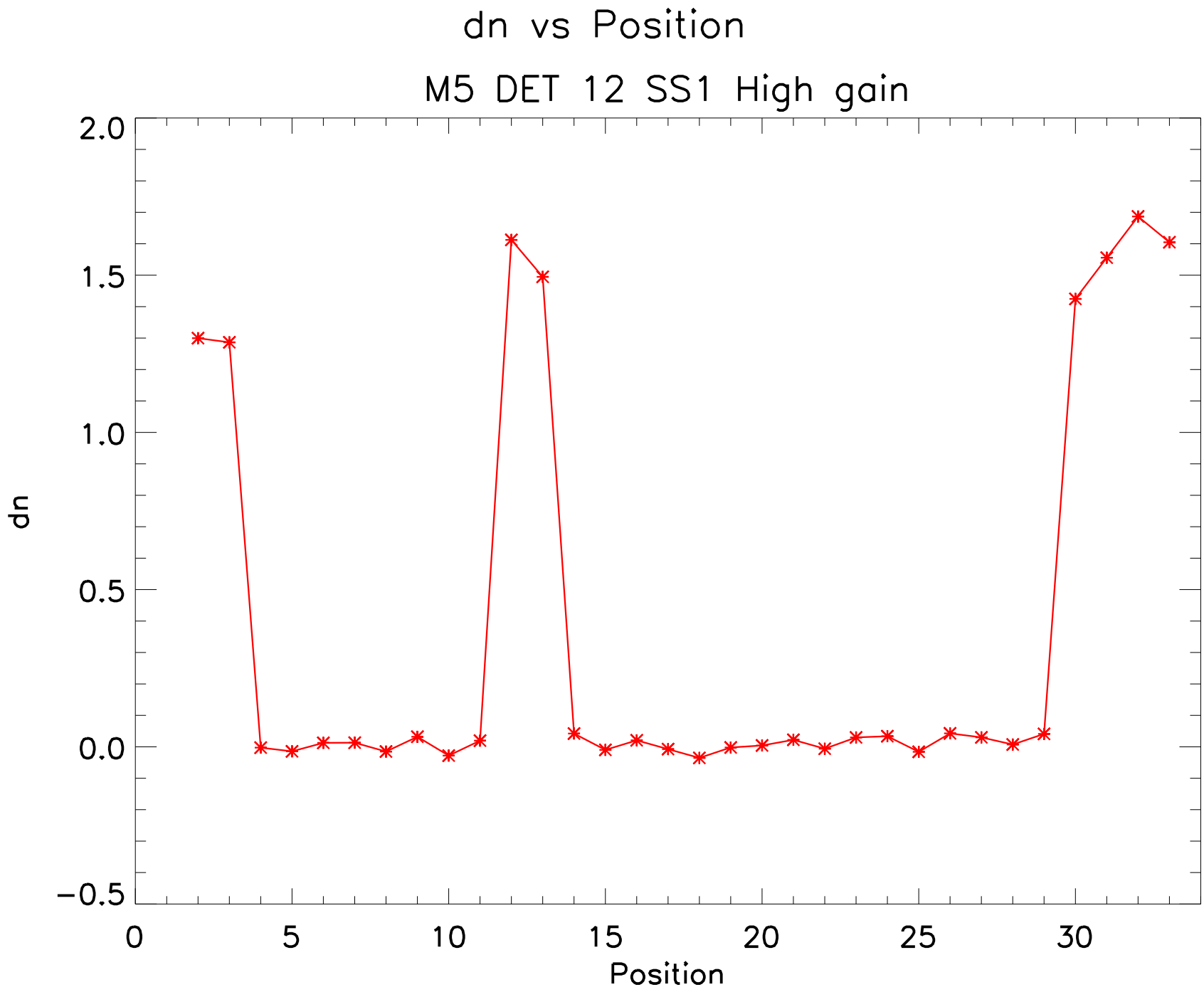
30
Position


dn vs Position
M5 DET 12 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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10
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20
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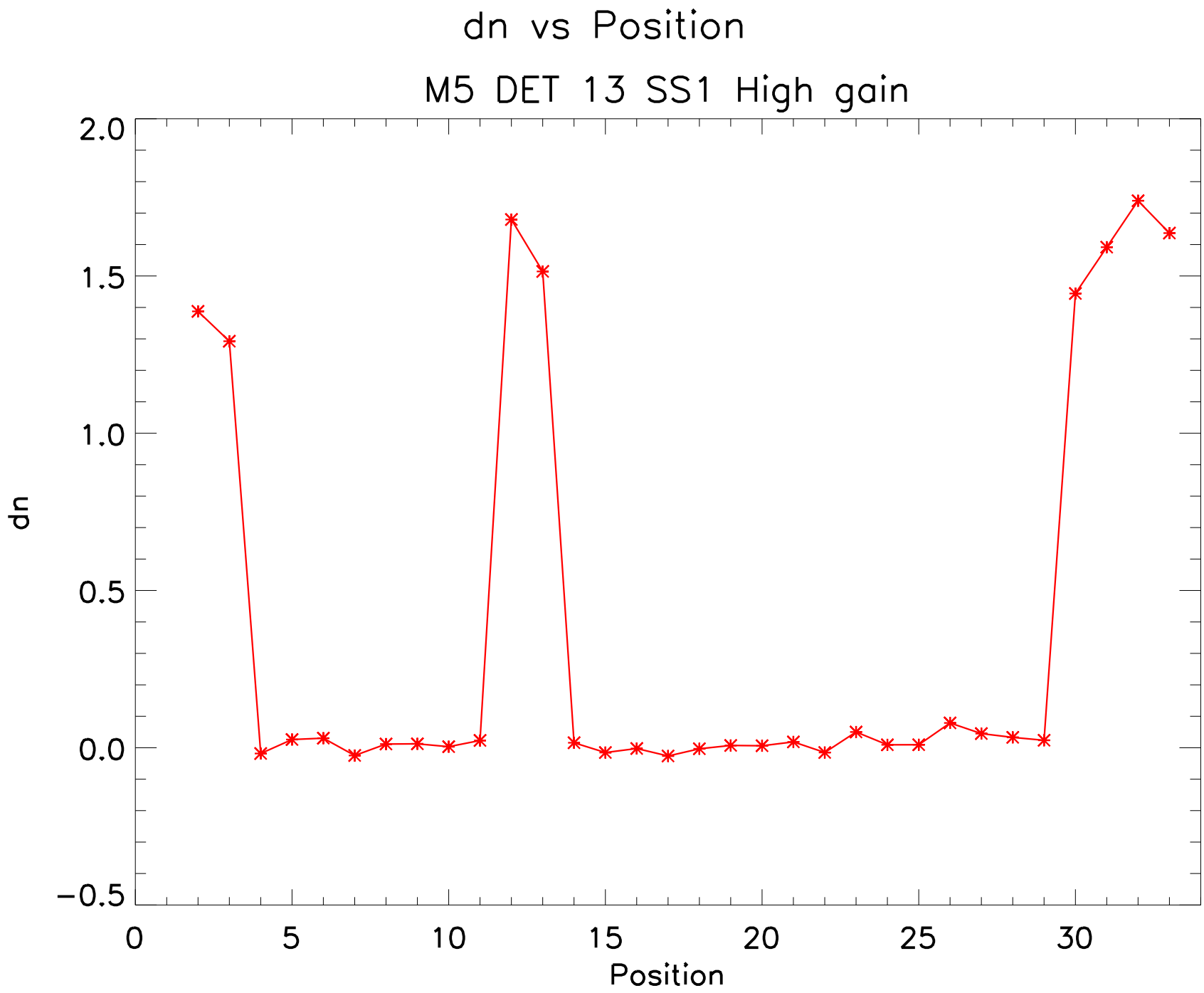
30
Position


dn vs Position
M5 DET 13 SS1 High gain
2.0
1.5
1.0
0.5
0.0
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dn
0
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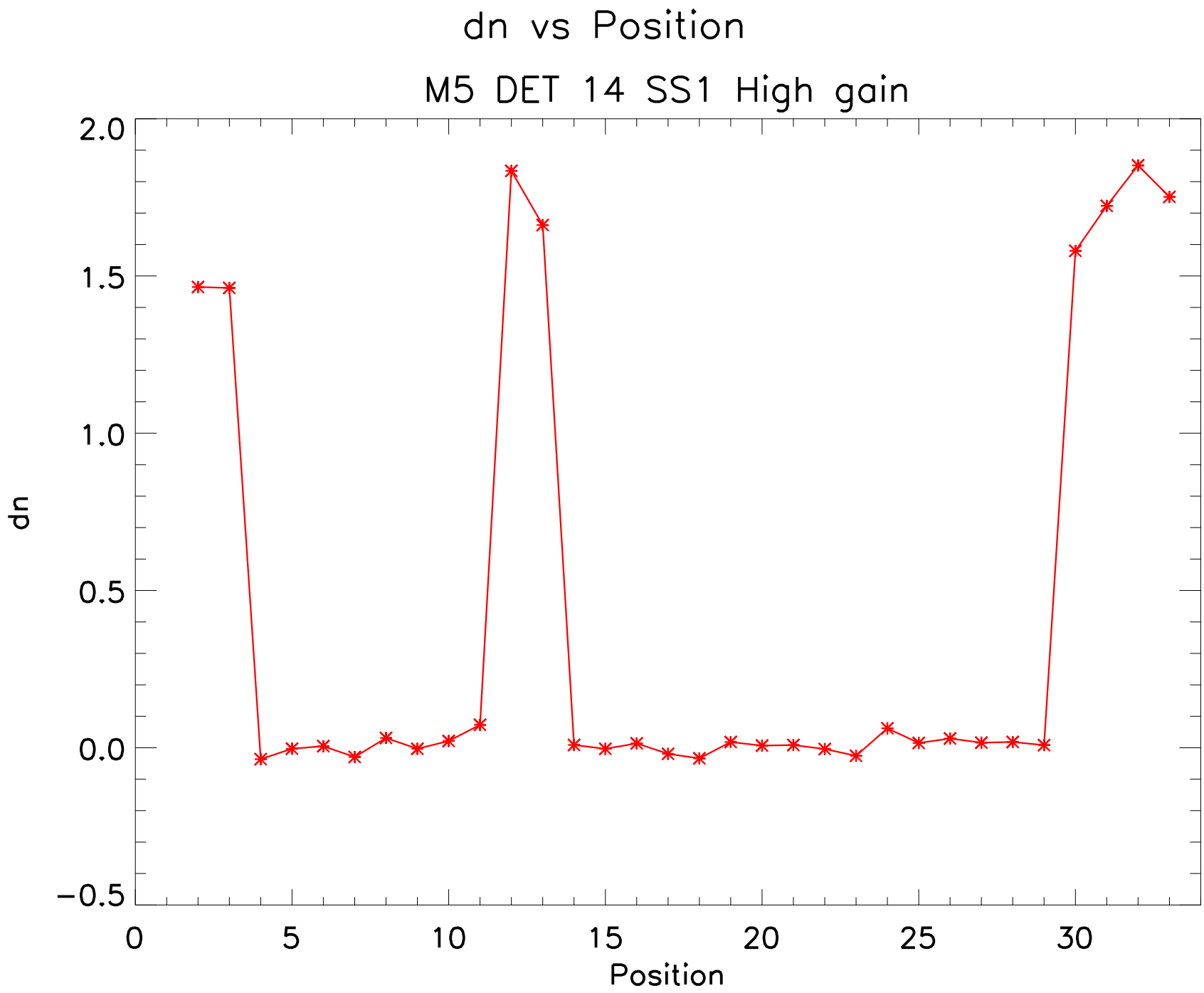
Position


dn vs Position
M5 DET 14 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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20
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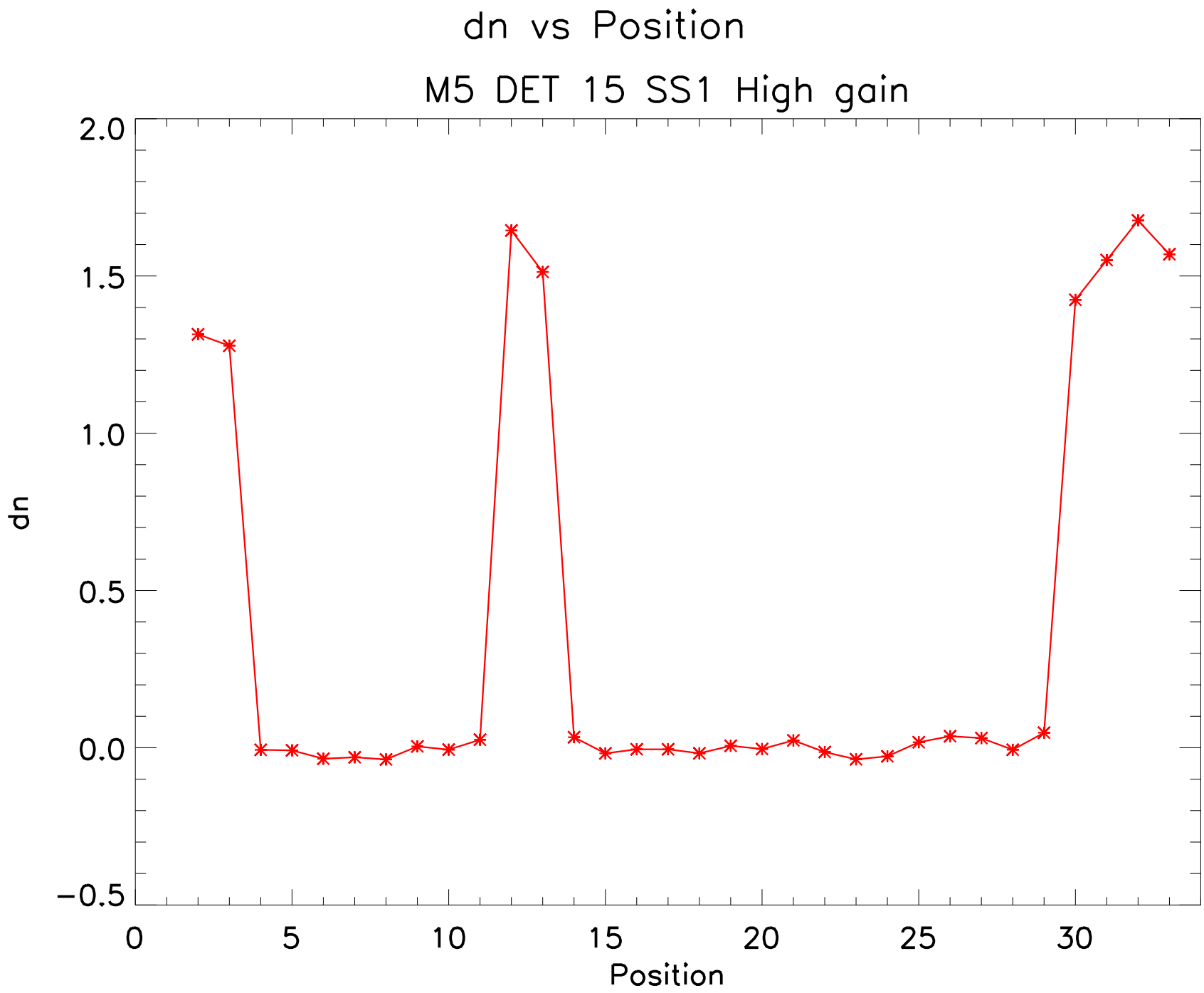
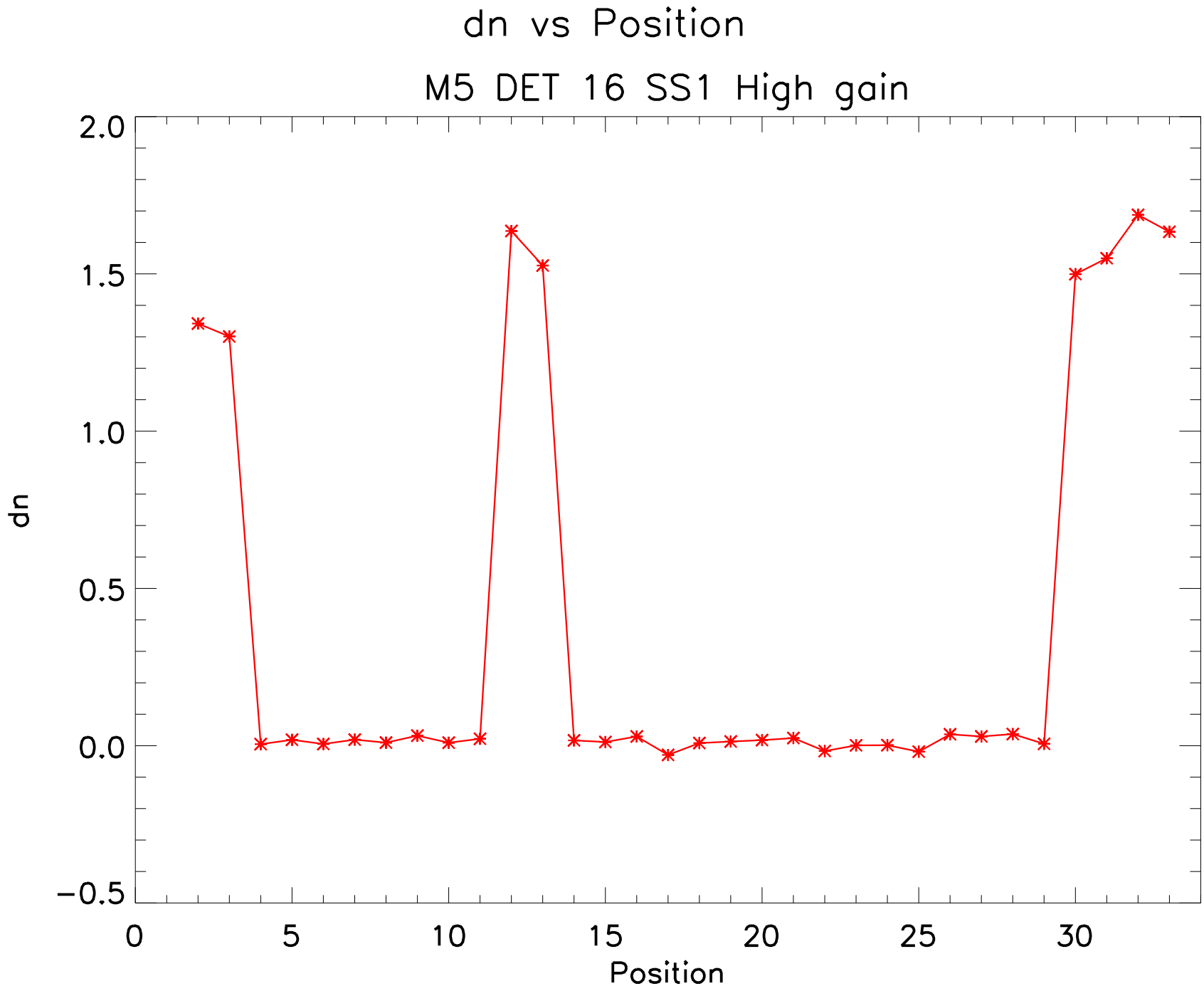
30
Position


dn vs Position
M5 DET 15 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
5
10
15
20
25
30
Position


dn vs Position
M5 DET 16 SS1 High gain
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
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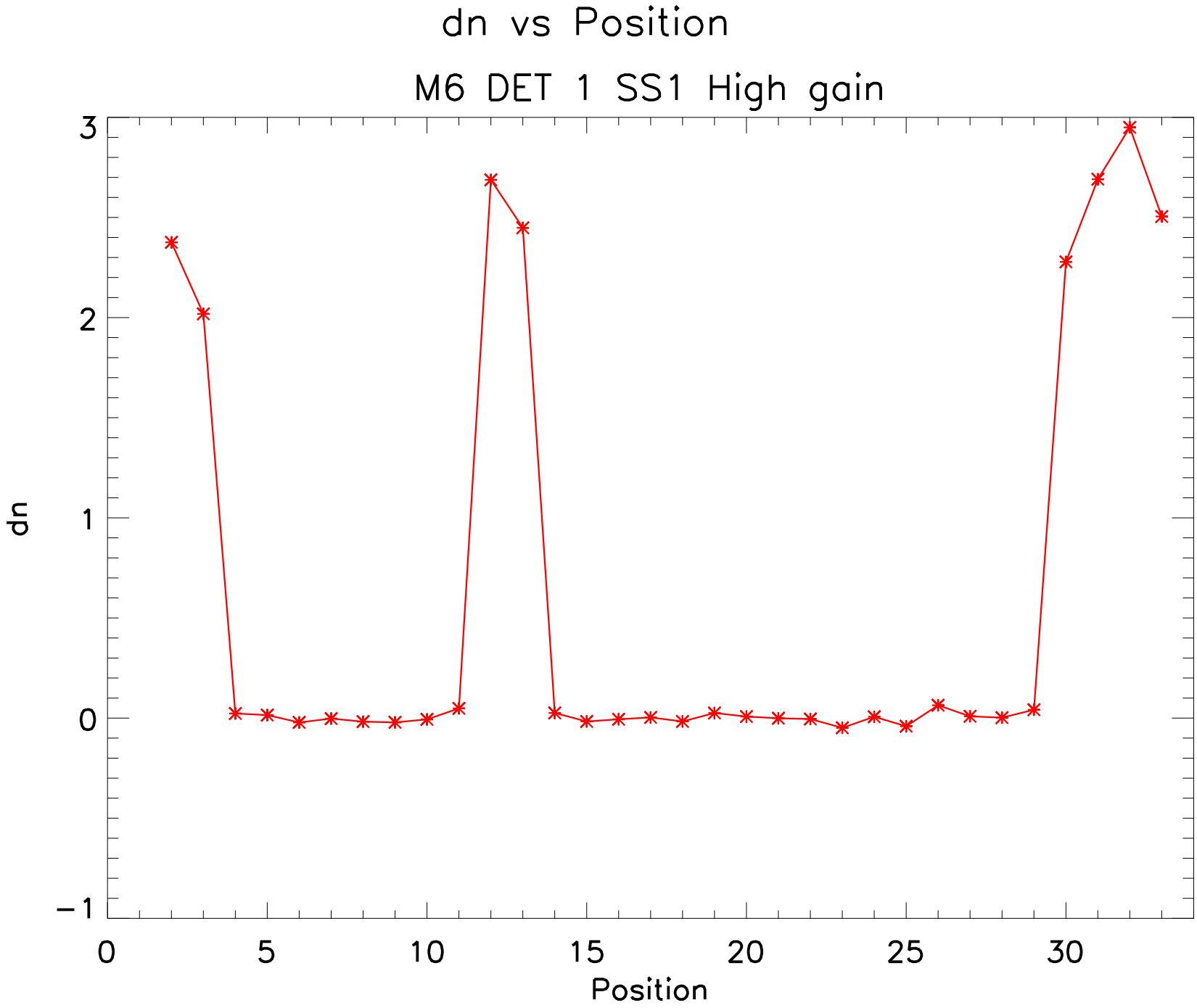
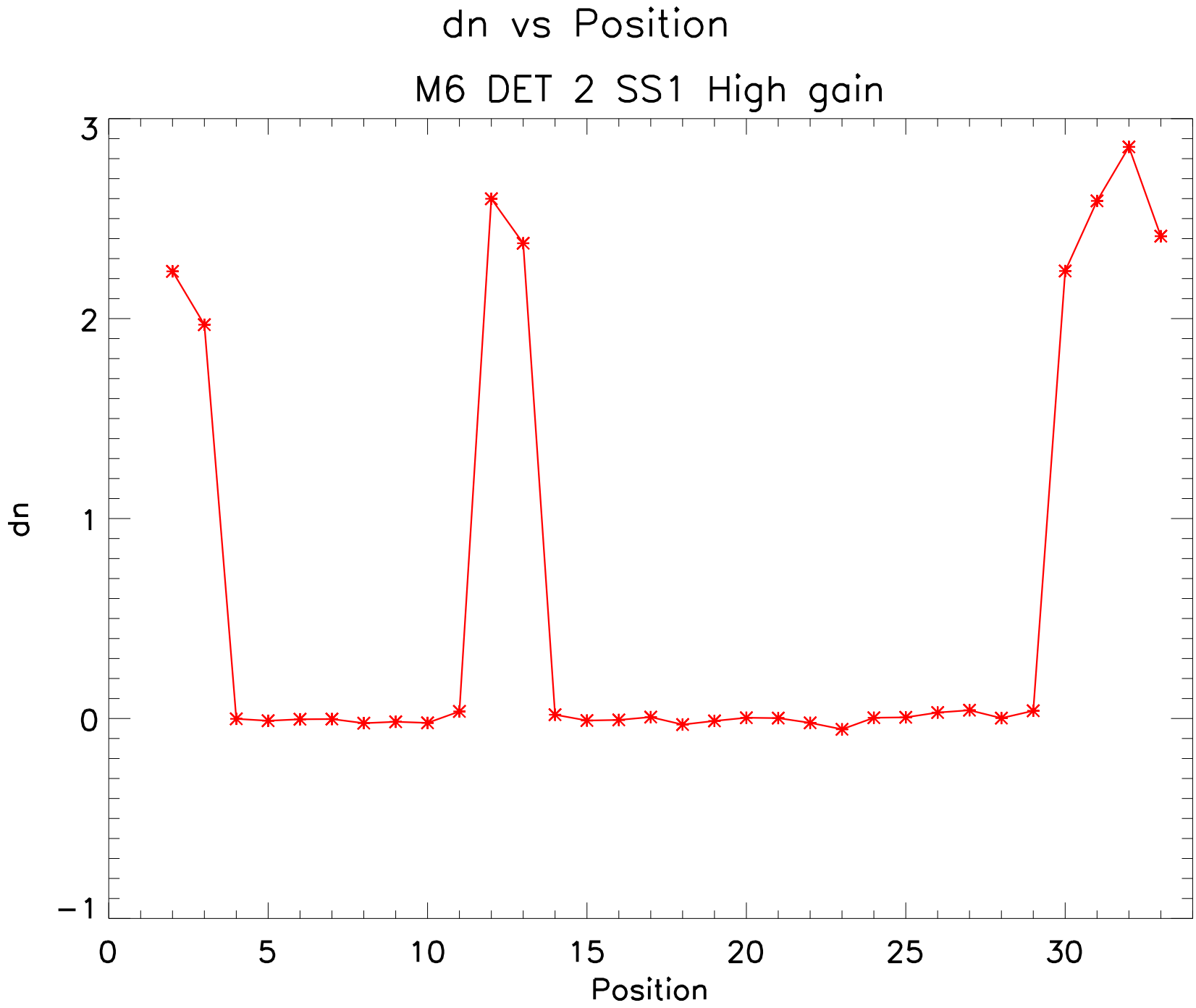
10
15
20
25
30
Position


dn vs Position
M6 DET 1 SS1 High gain
dn
Position
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M6 DET 2 SS1 High gain
dn
Position
3
2
1
0
−1
0
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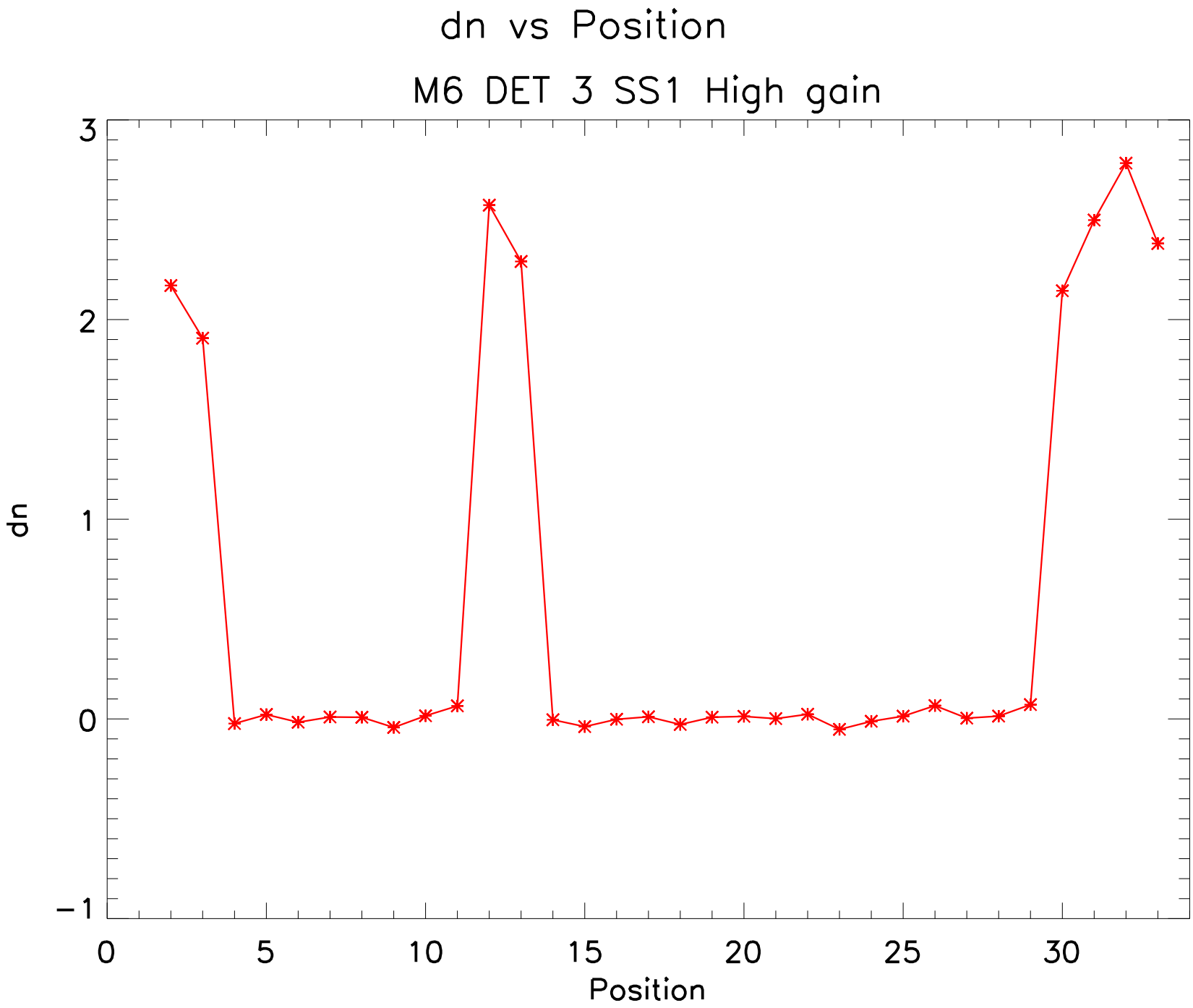
15
20
25
30


dn vs Position
M6 DET 3 SS1 High gain
dn
Position
3
2
1
0
−1
0
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15
20
25
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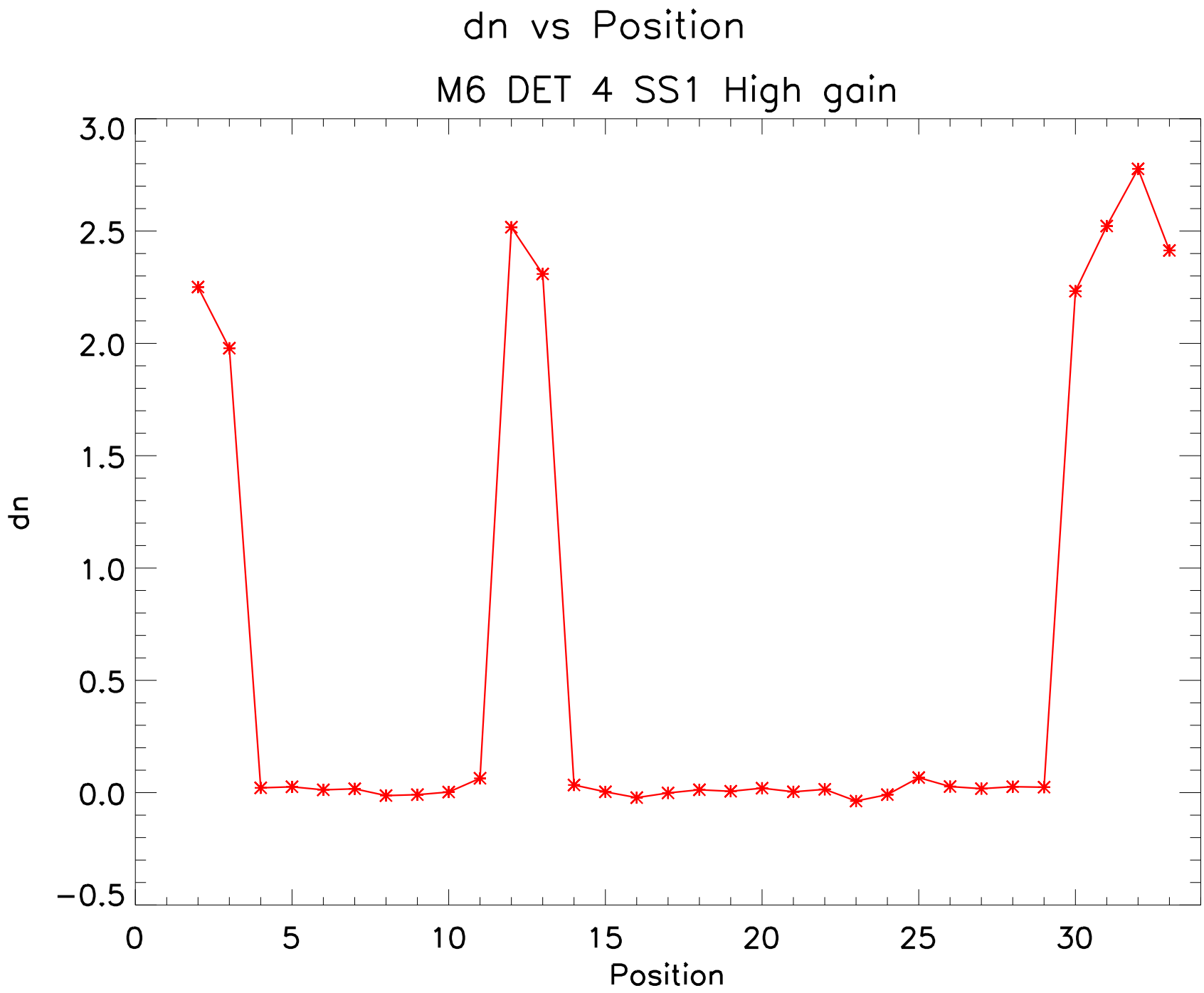
dn vs Position
M6 DET 4 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
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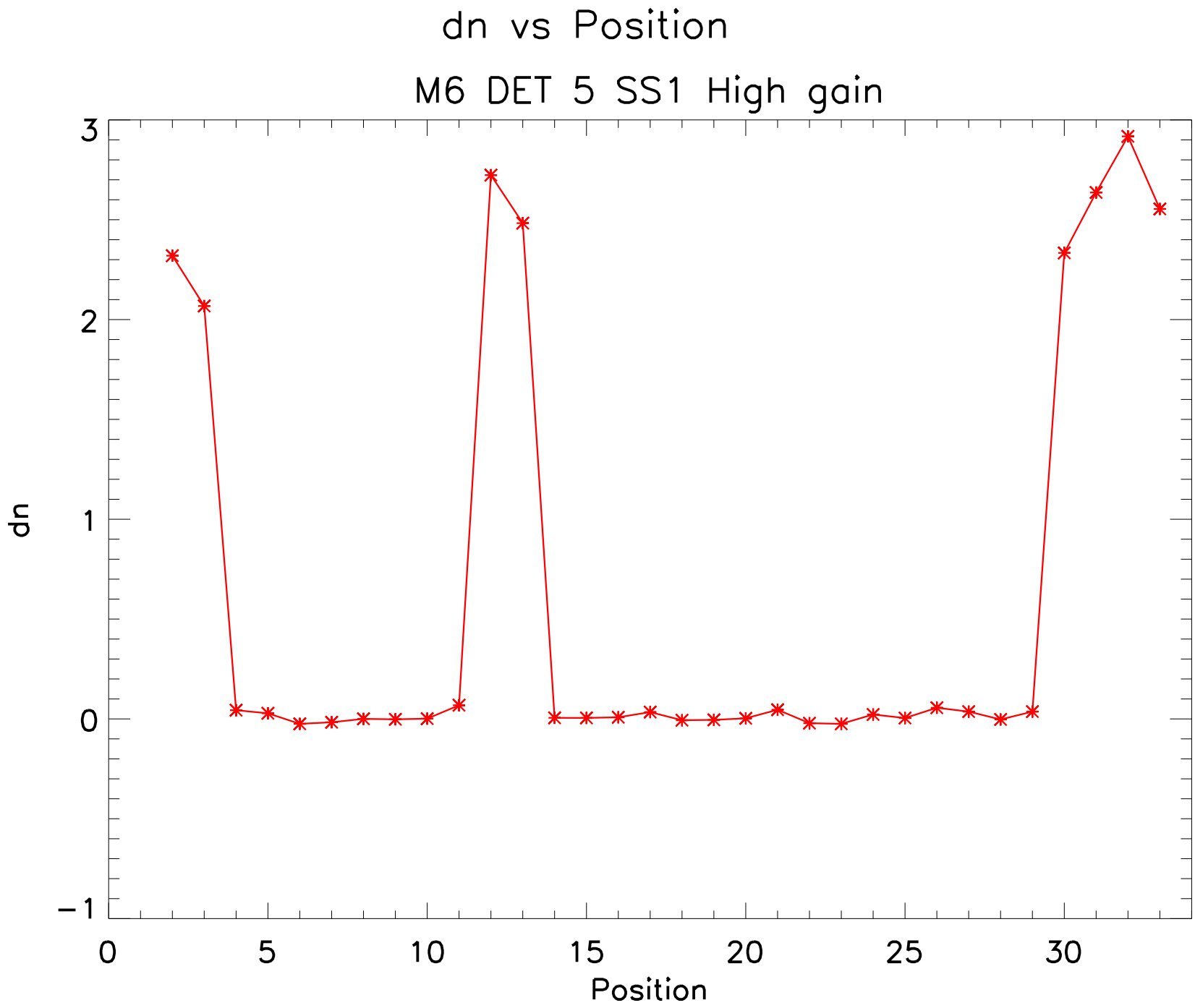
5
10
15
20
25
30


dn vs Position
M6 DET 5 SS1 High gain
dn
Position
3
2
1
0
−1
0
5
10
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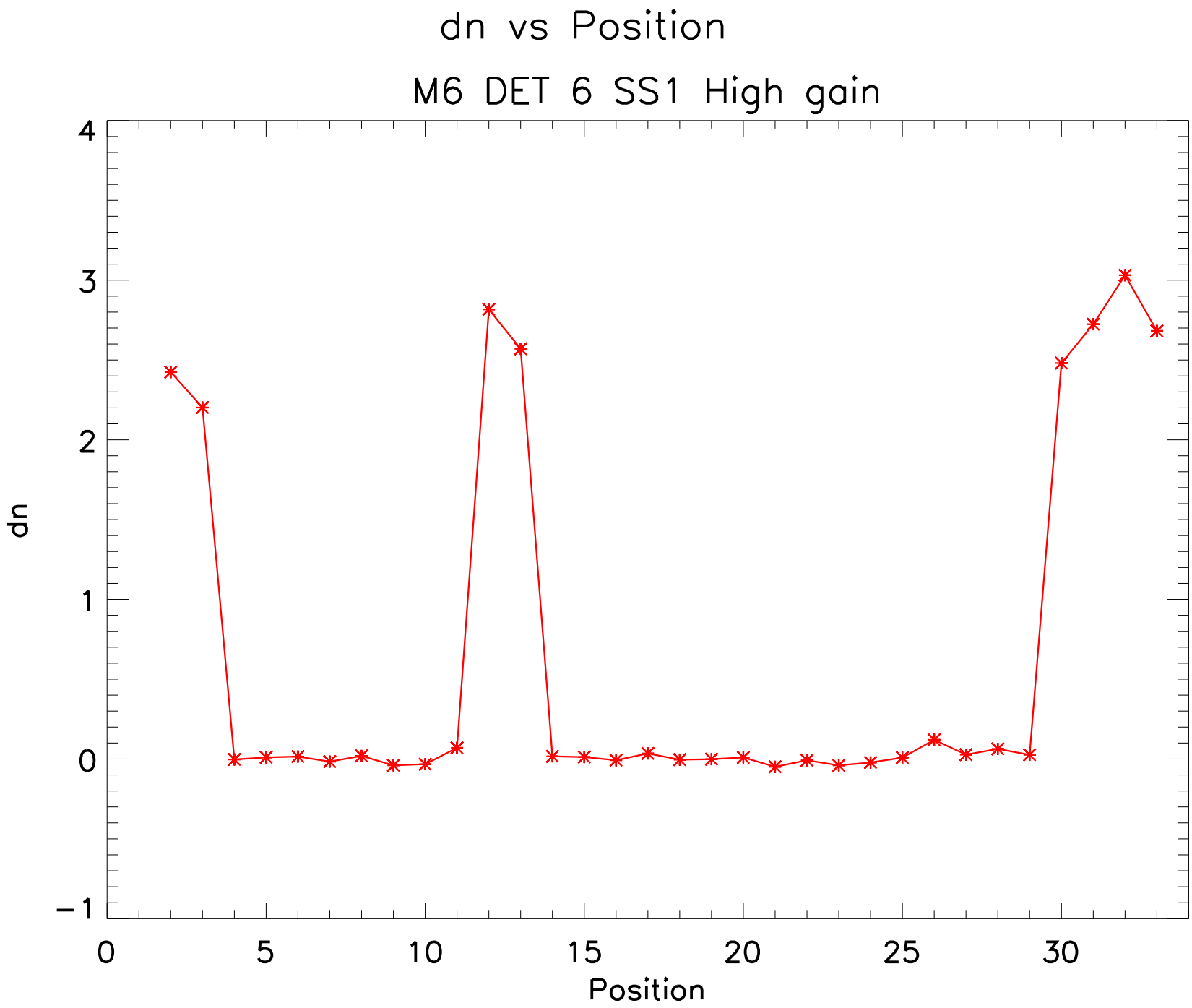
20
25
30


dn vs Position
M6 DET 6 SS1 High gain
dn
Position
4
3
2
1
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−1
0
5
10
15
20
25
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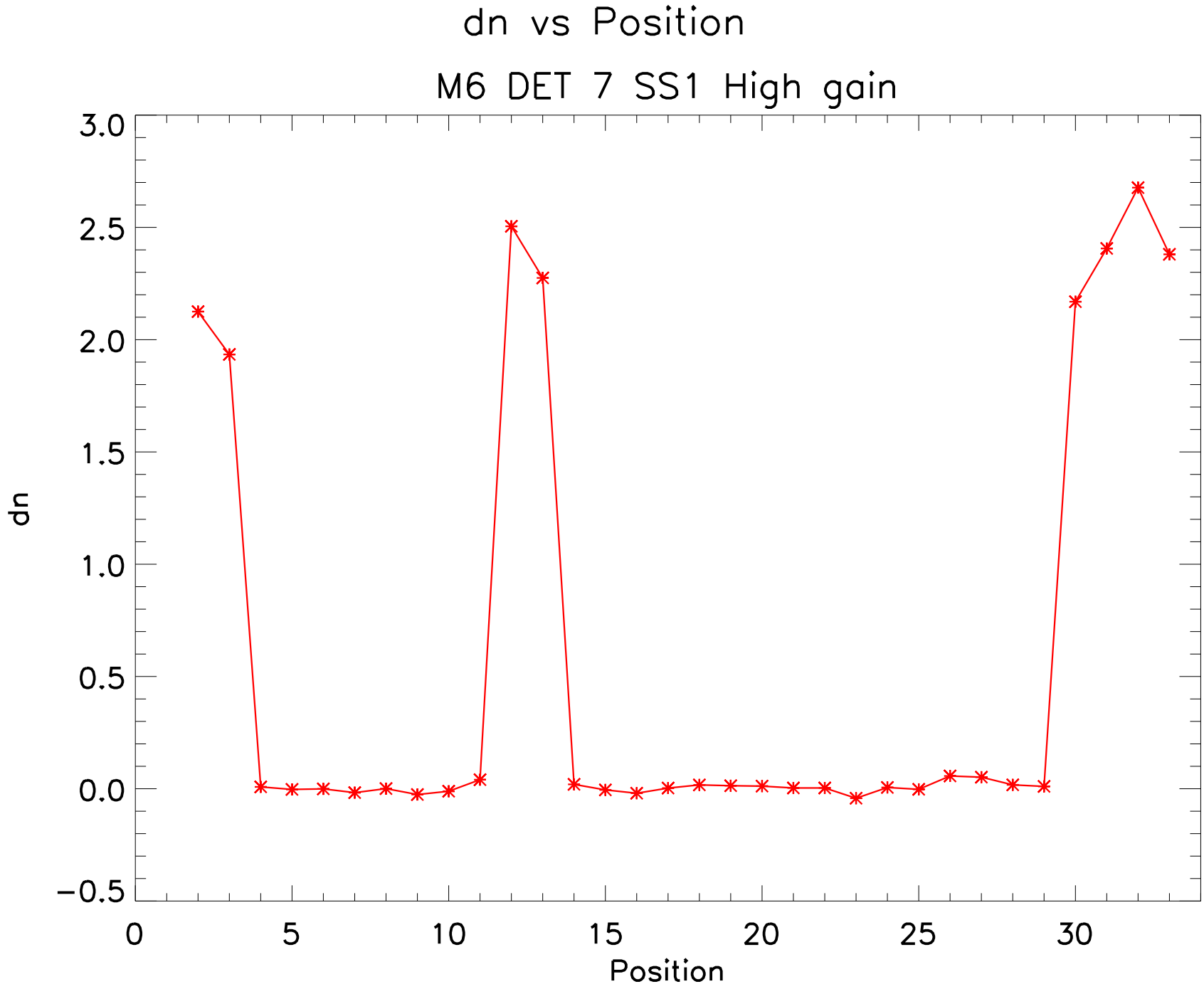
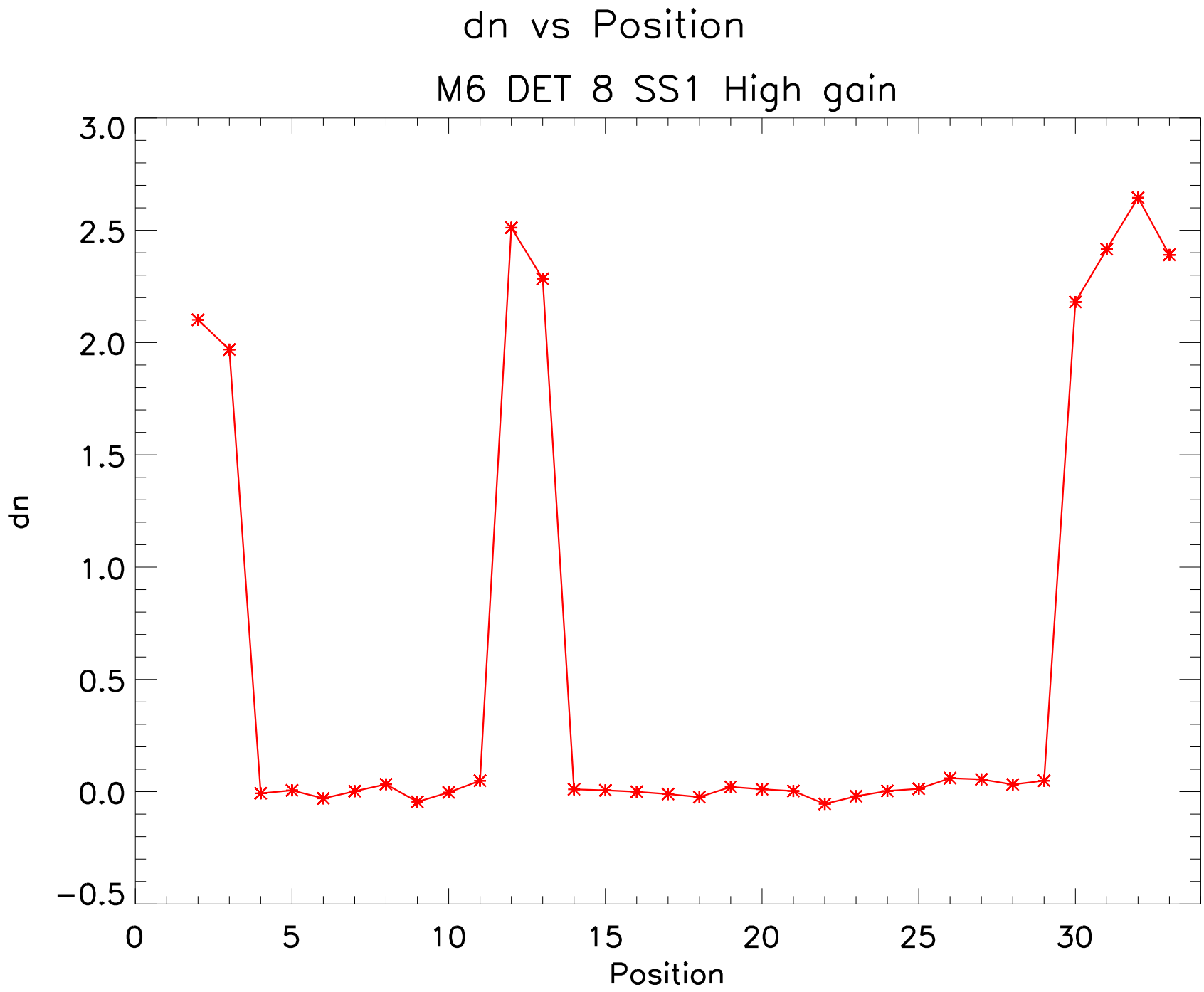

dn vs Position
M6 DET 7 SS1 High gain
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
5
10
15
20
25
30
Position


dn vs Position
M6 DET 8 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
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15
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25
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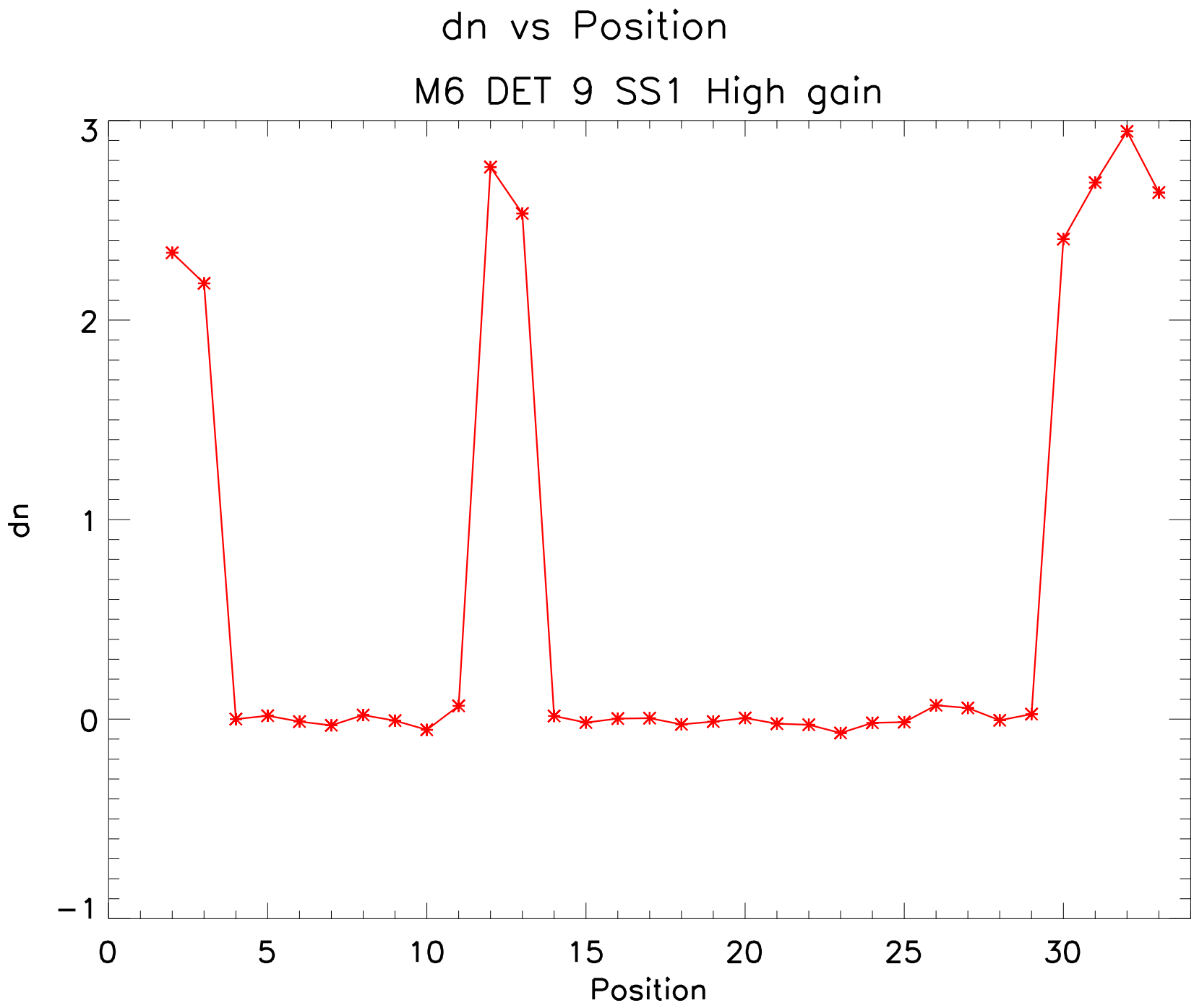
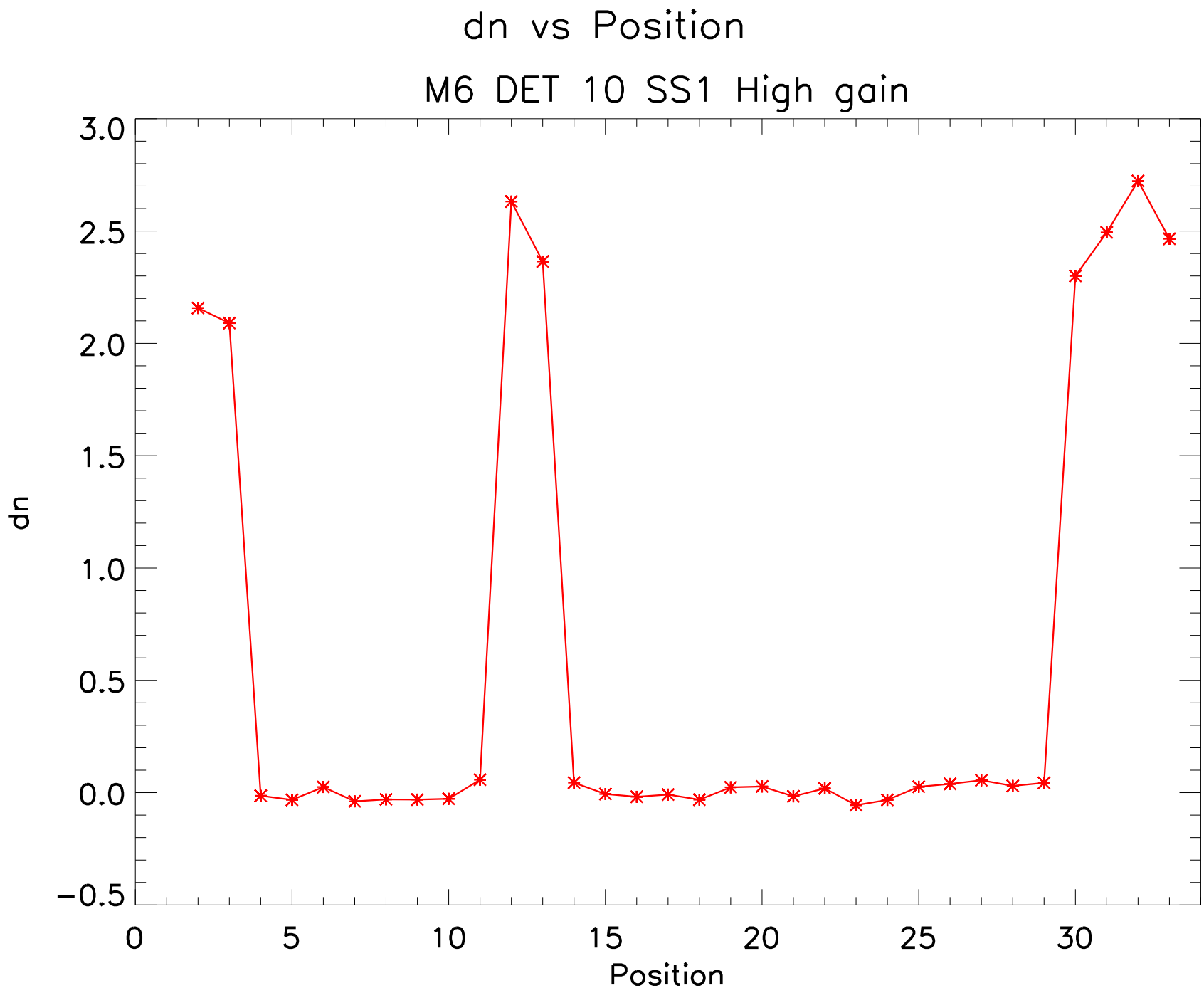

dn vs Position
M6 DET 9 SS1 High gain
dn
Position
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M6 DET 10 SS1 High gain
dn
Position
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2.5
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1.5
1.0
0.5
0.0
−0.5
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15
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25
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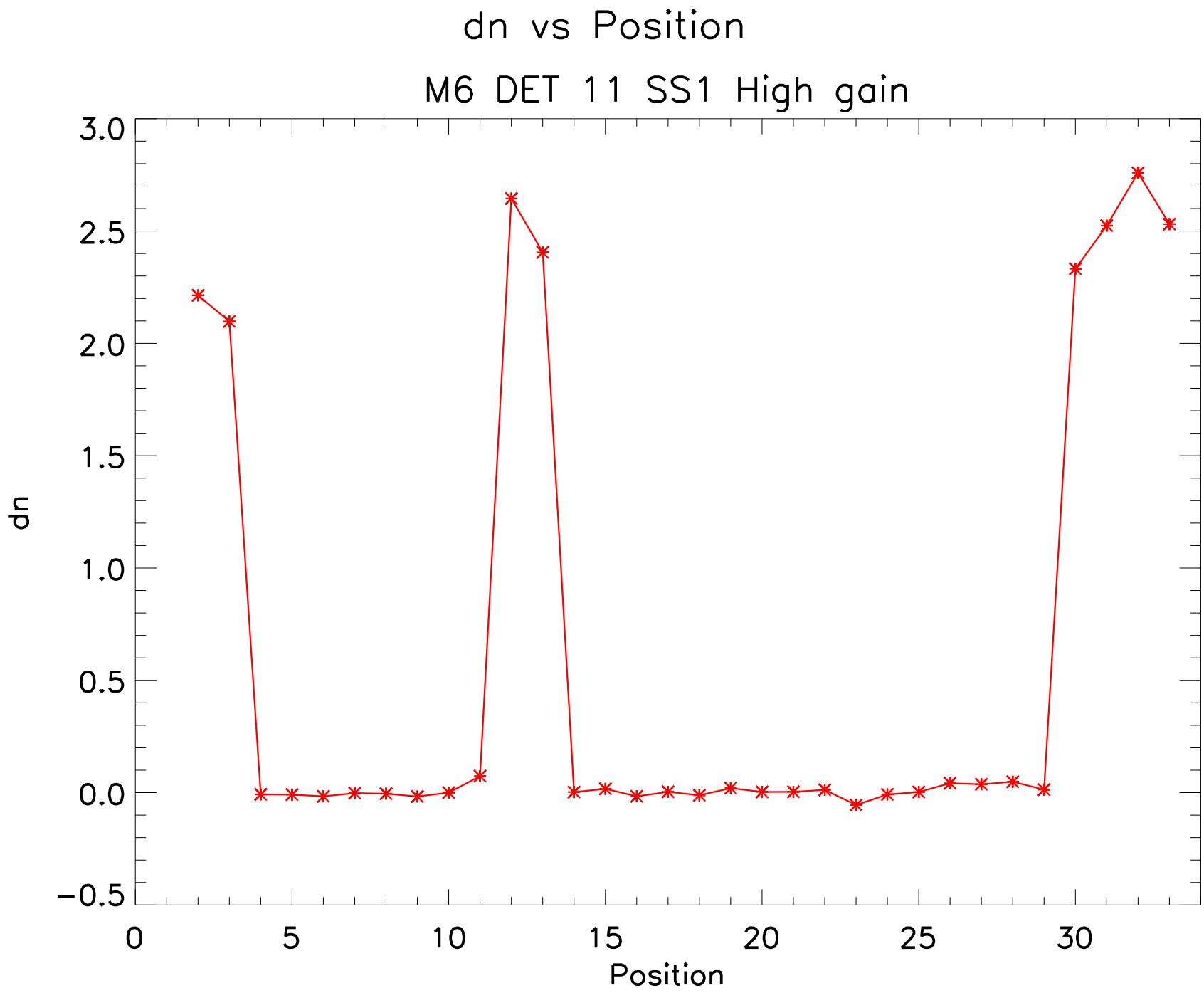
dn vs Position
M6 DET 11 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
5
10
15
20
25
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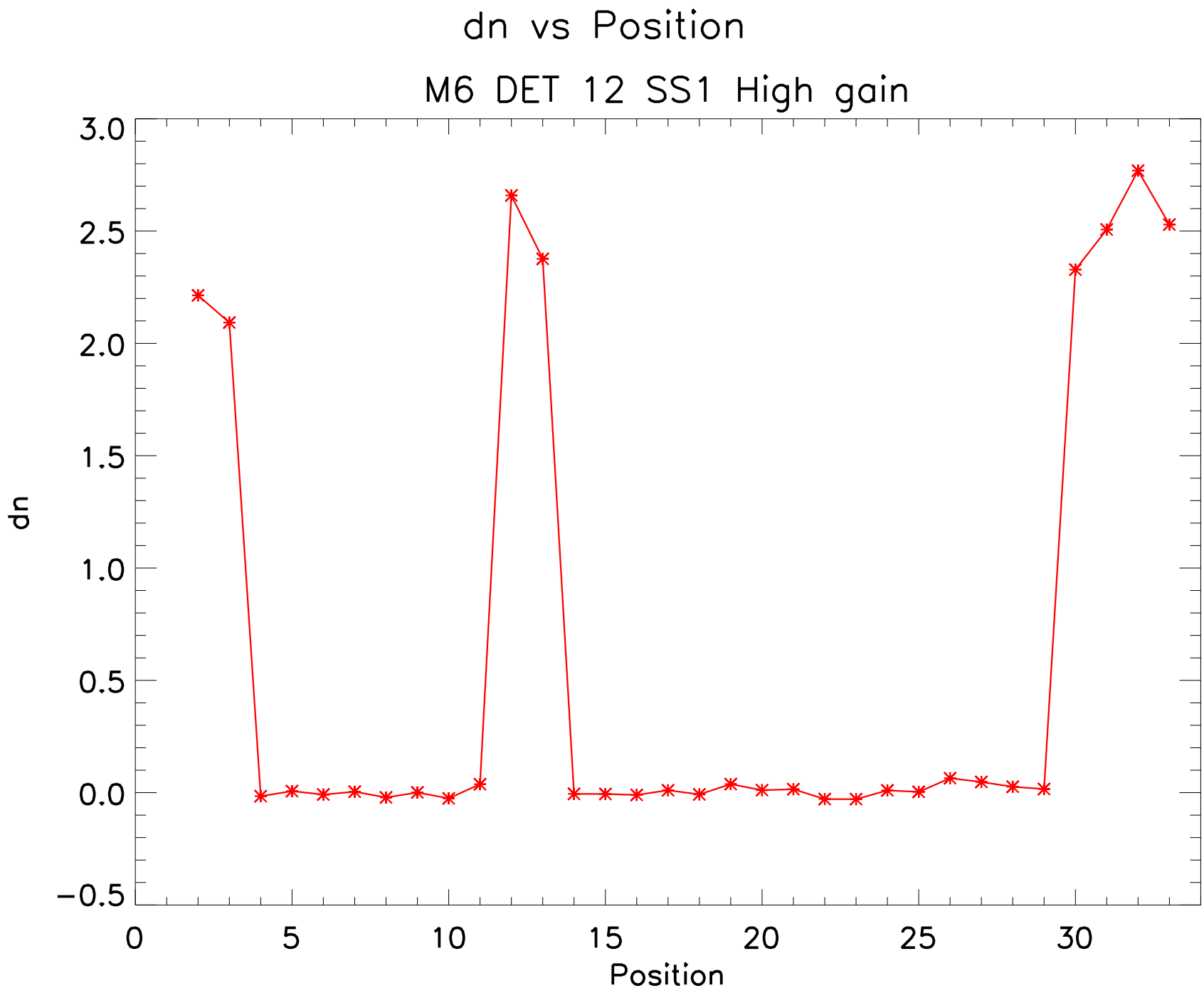
dn vs Position
M6 DET 12 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
5
10
15
20
25
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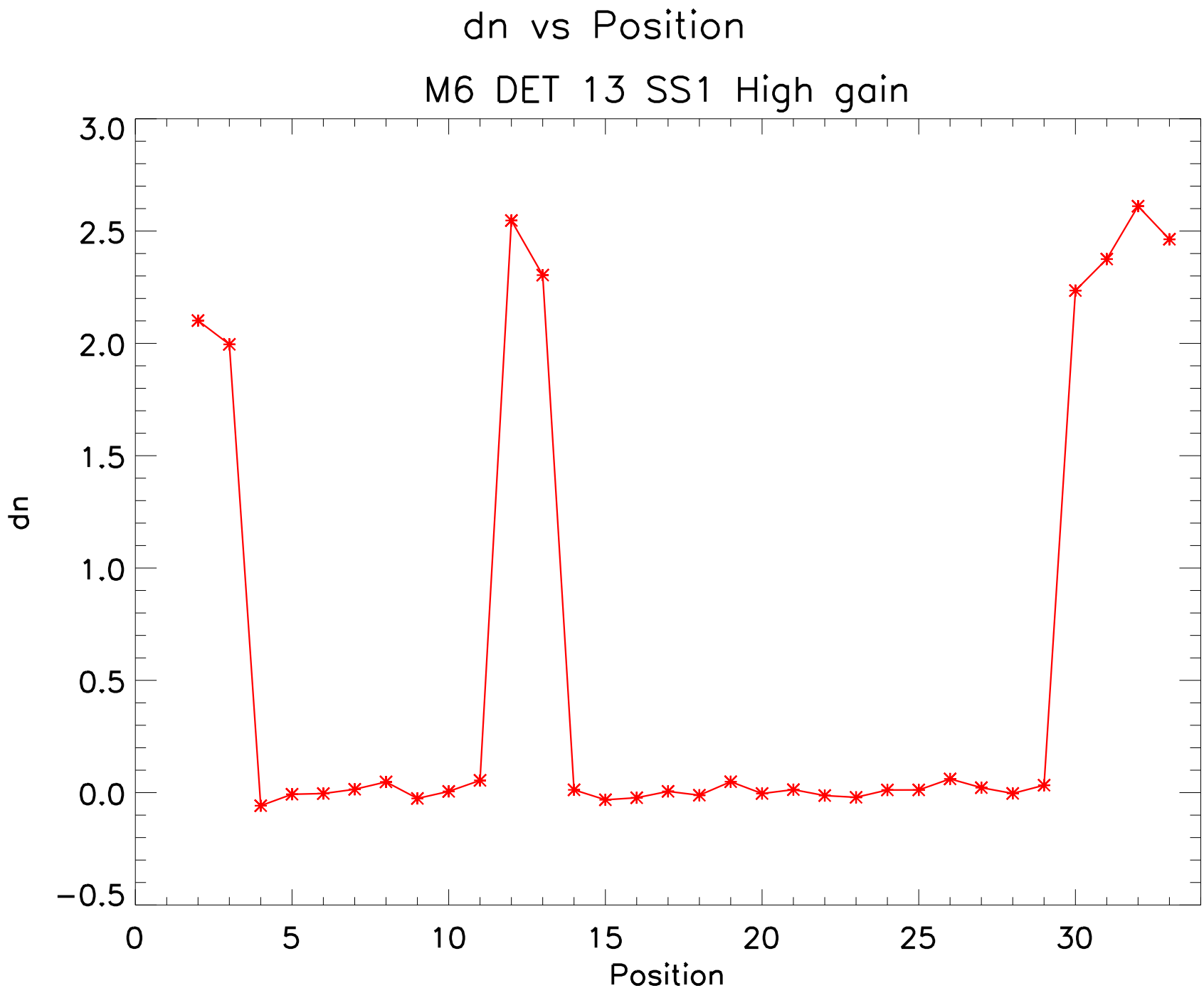
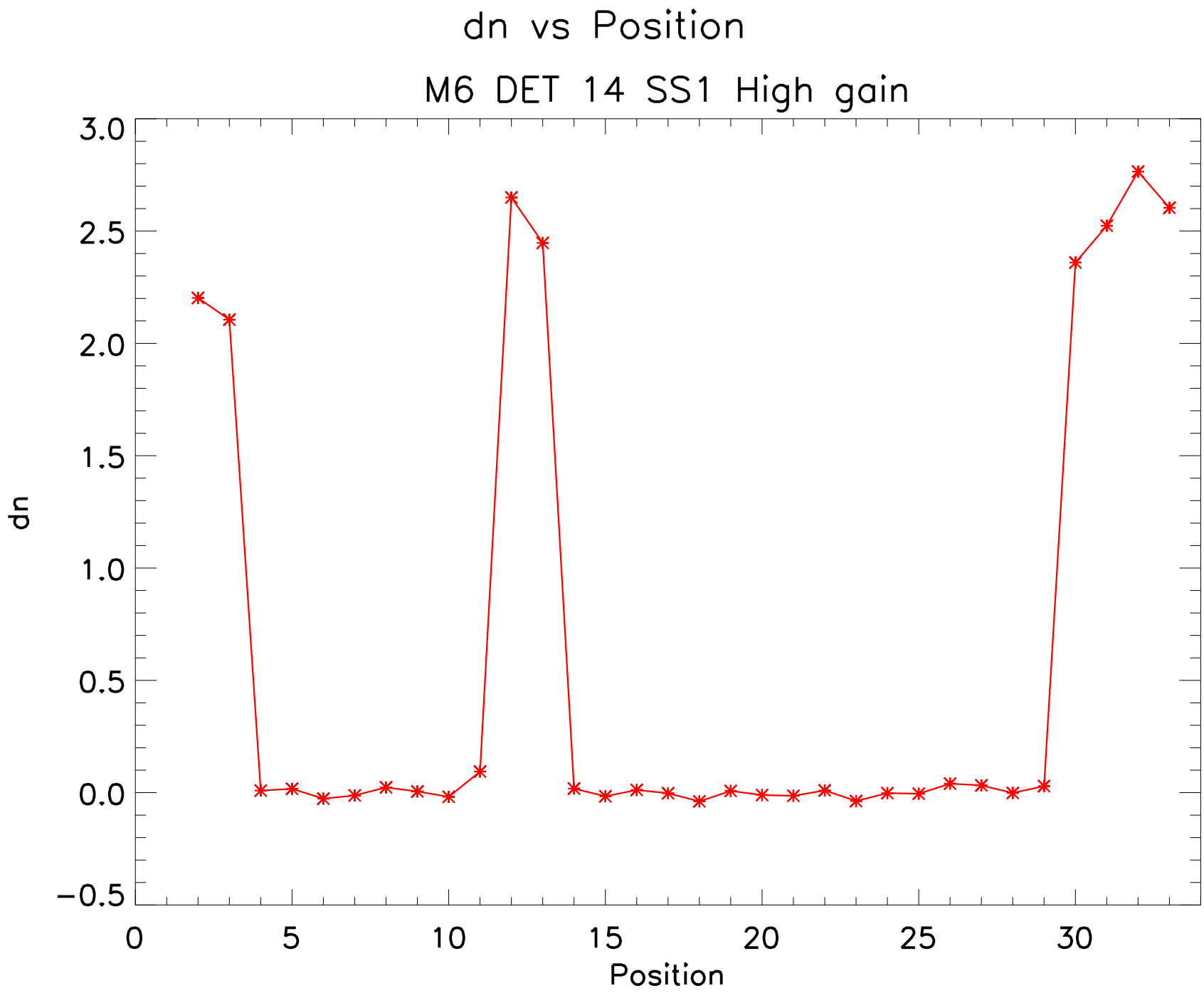
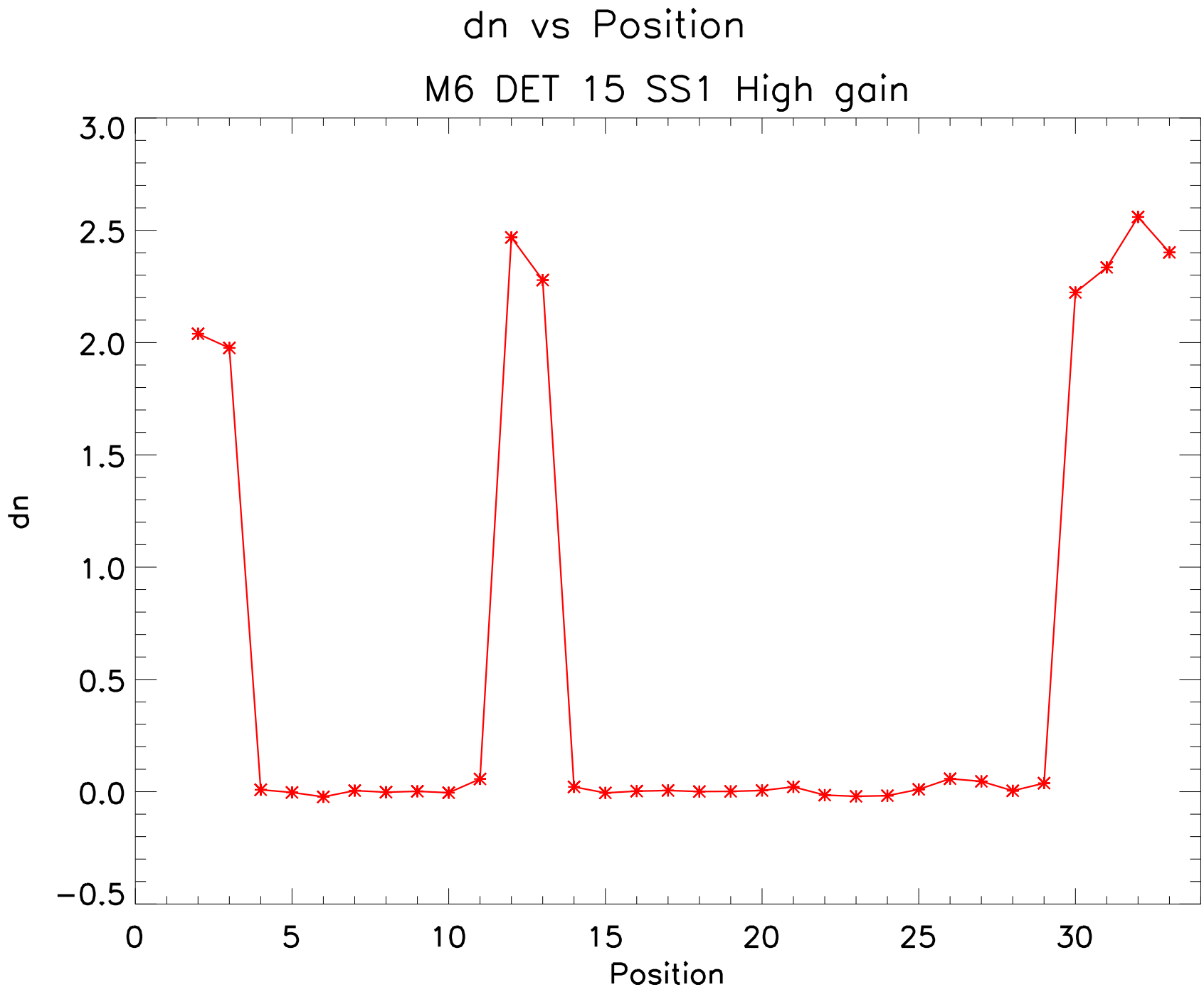
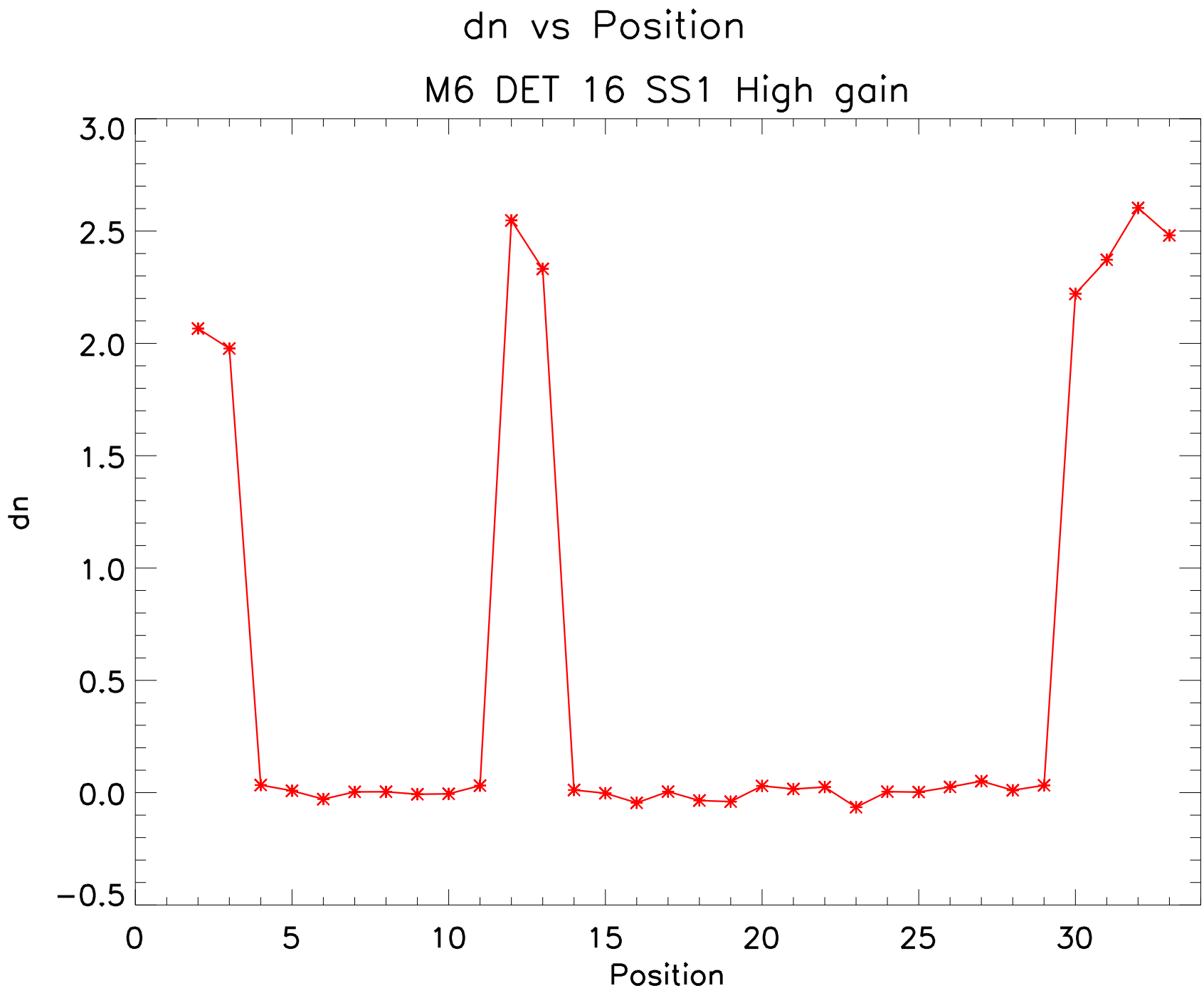
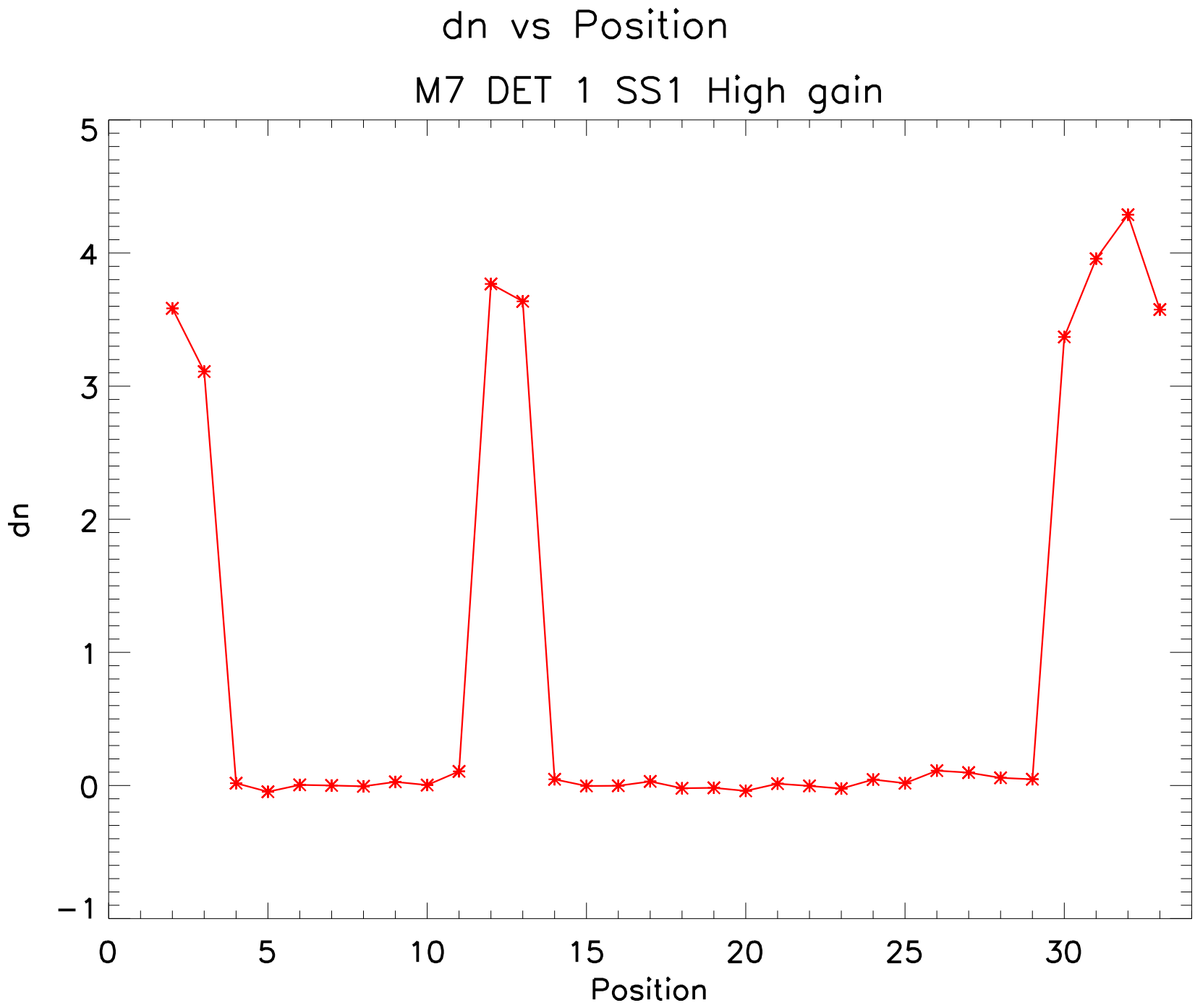
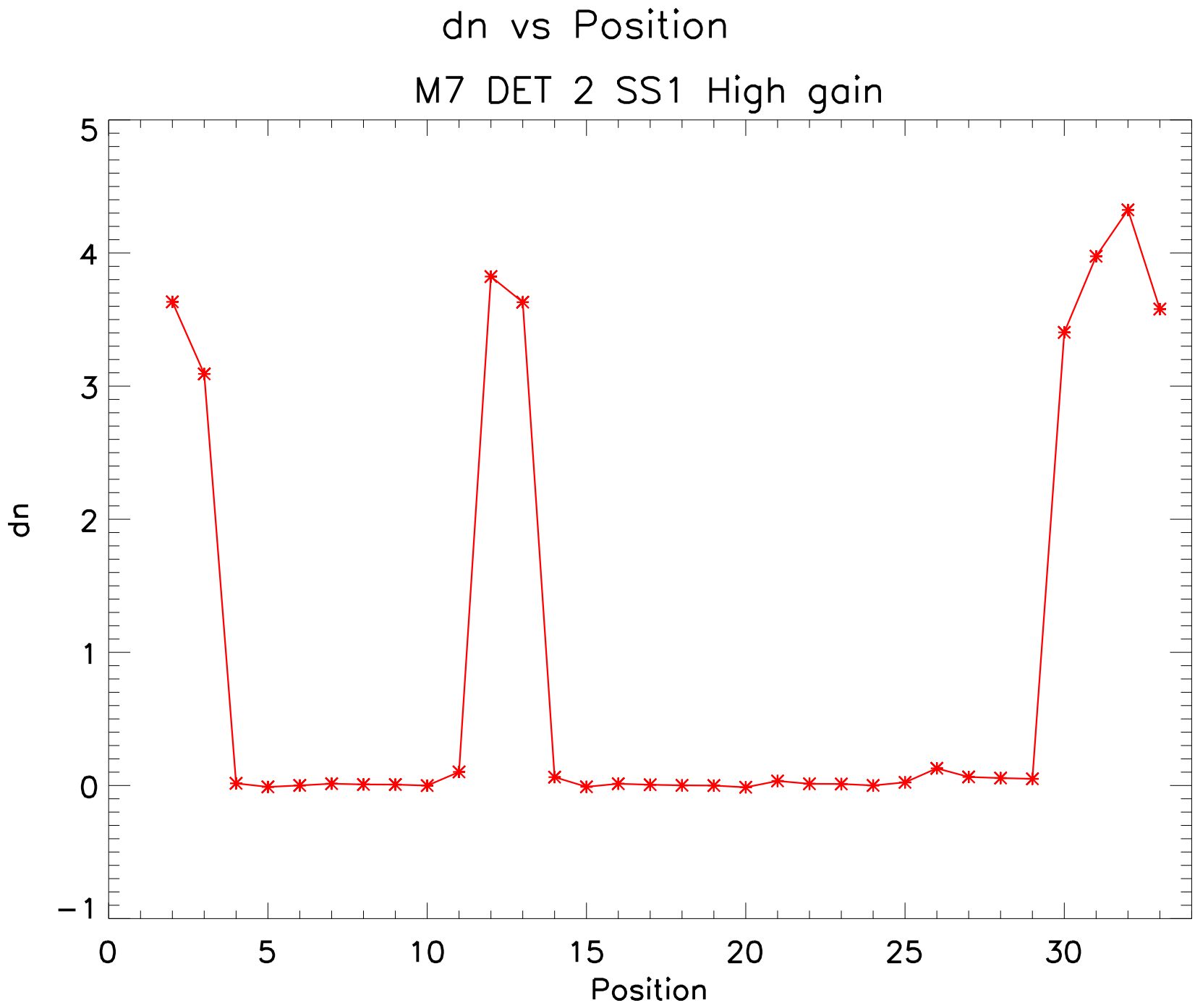

dn vs Position
M6 DET 13 SS1 High gain
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
dn
0
5
10
15
20
25
30
Position


dn vs Position
M6 DET 14 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
5
10
15
20
25
30


dn vs Position
M6 DET 15 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
5
10
15
20
25
30


dn vs Position
M6 DET 16 SS1 High gain
dn
Position
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
5
10
15
20
25
30


dn vs Position
M7 DET 1 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 2 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
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15
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25
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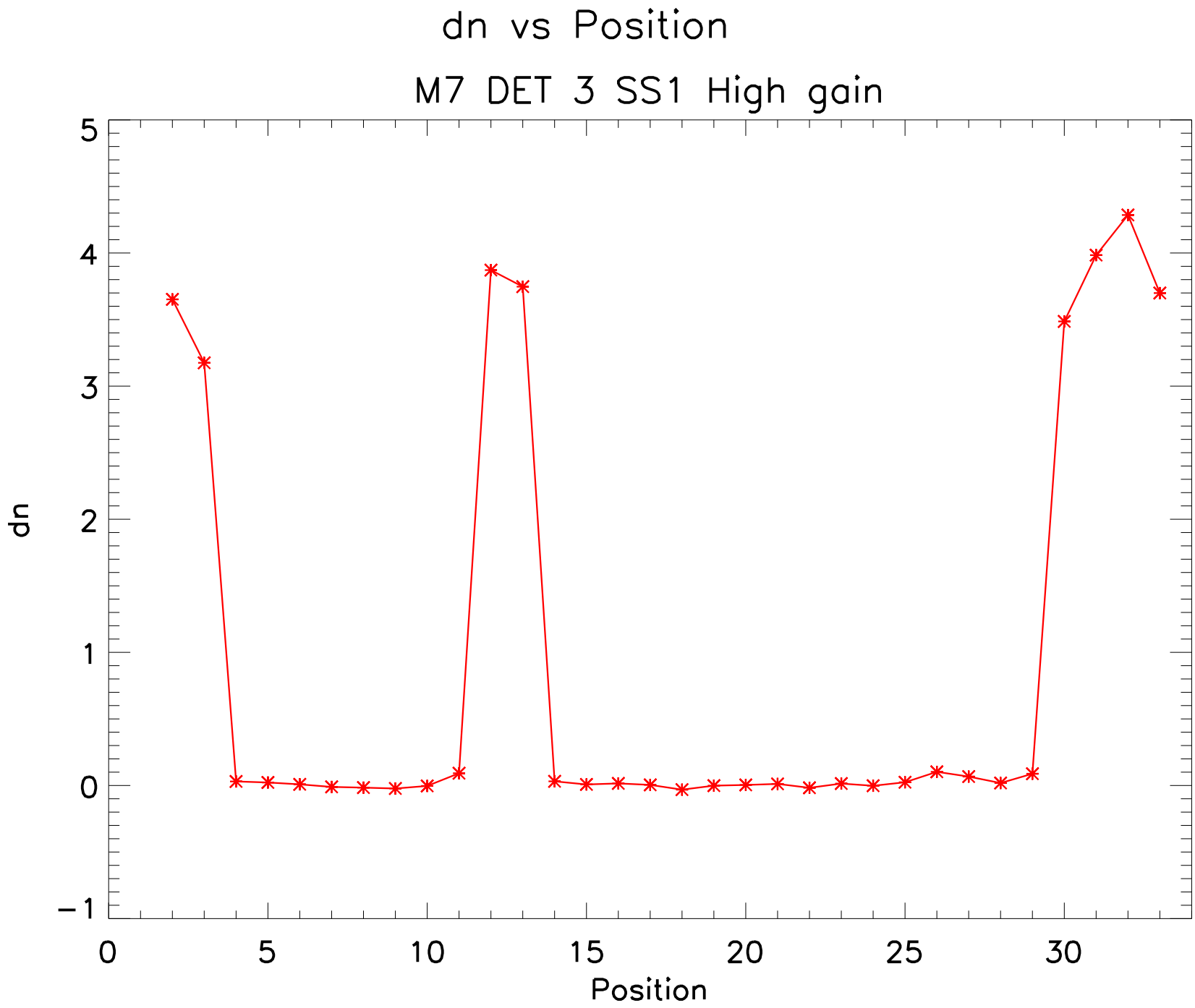
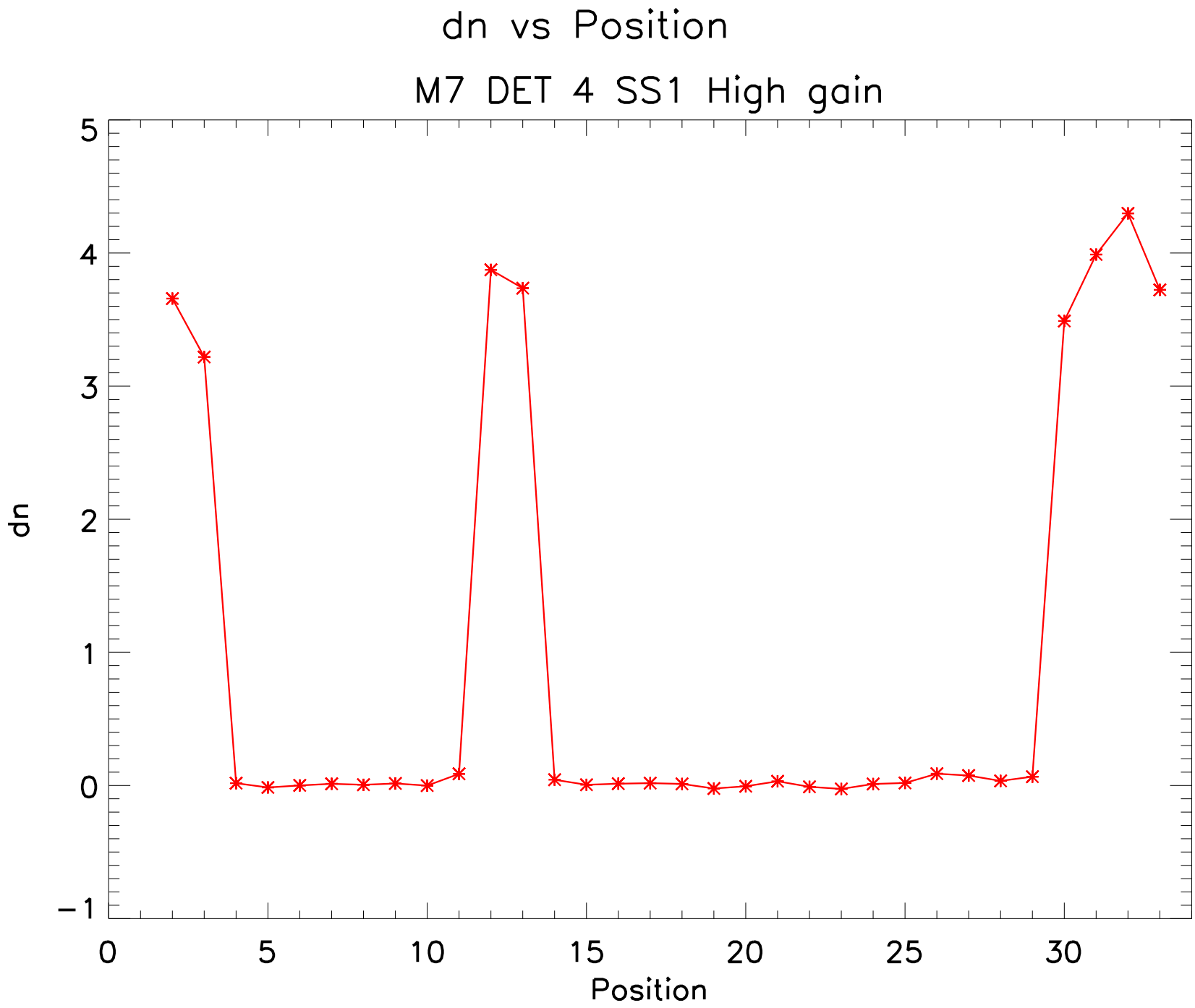
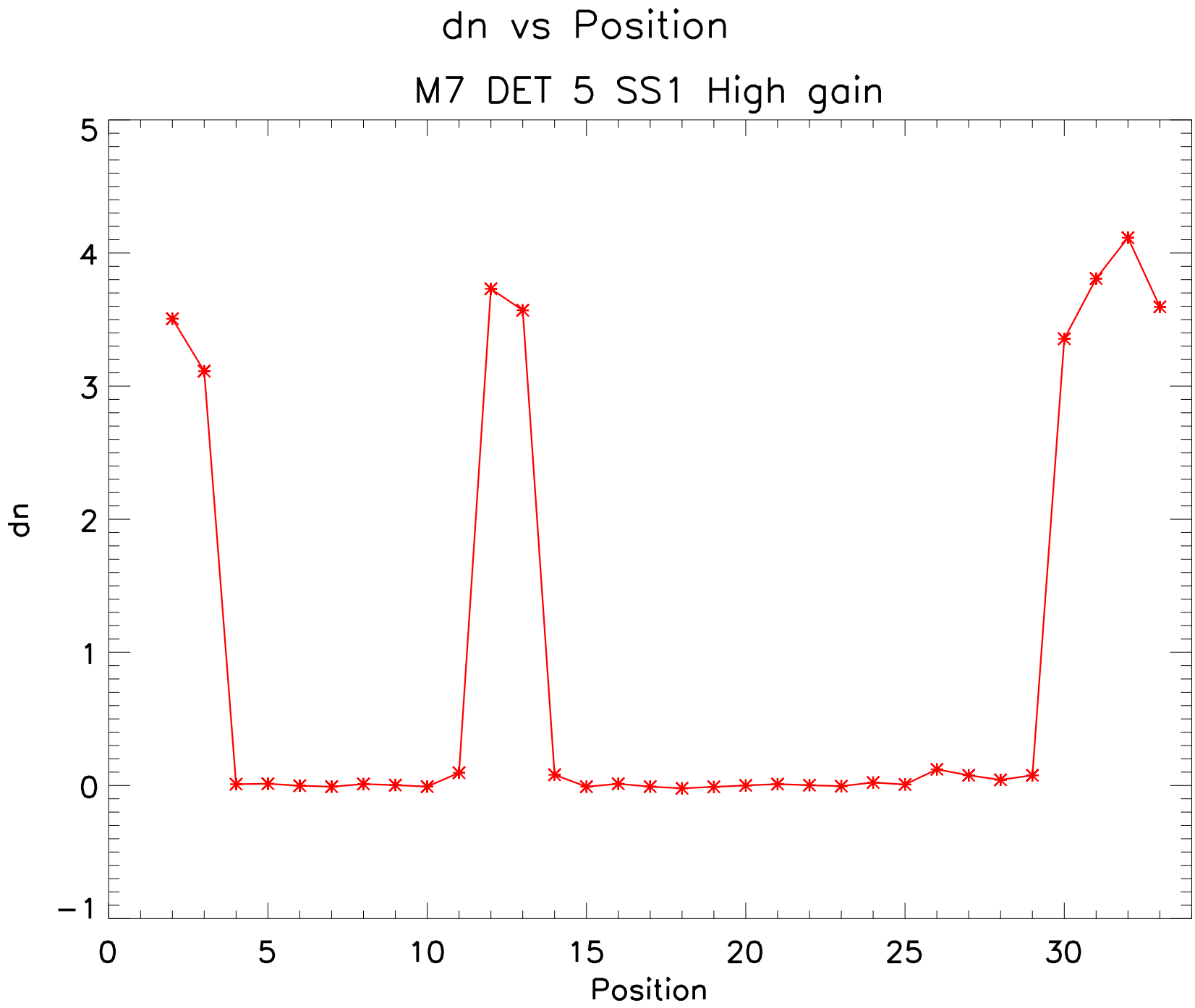
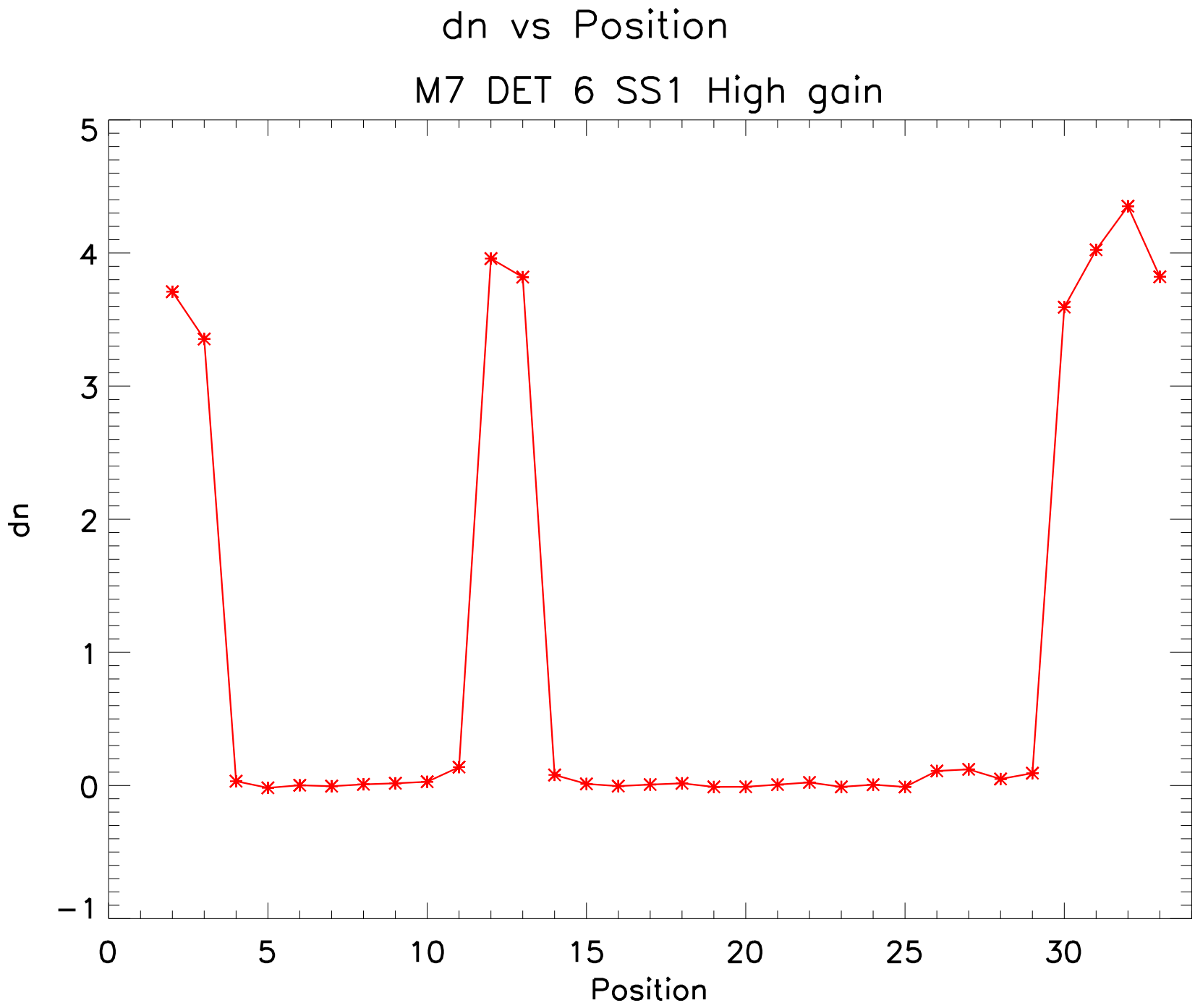

dn vs Position
M7 DET 3 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 4 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 5 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 6 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
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15
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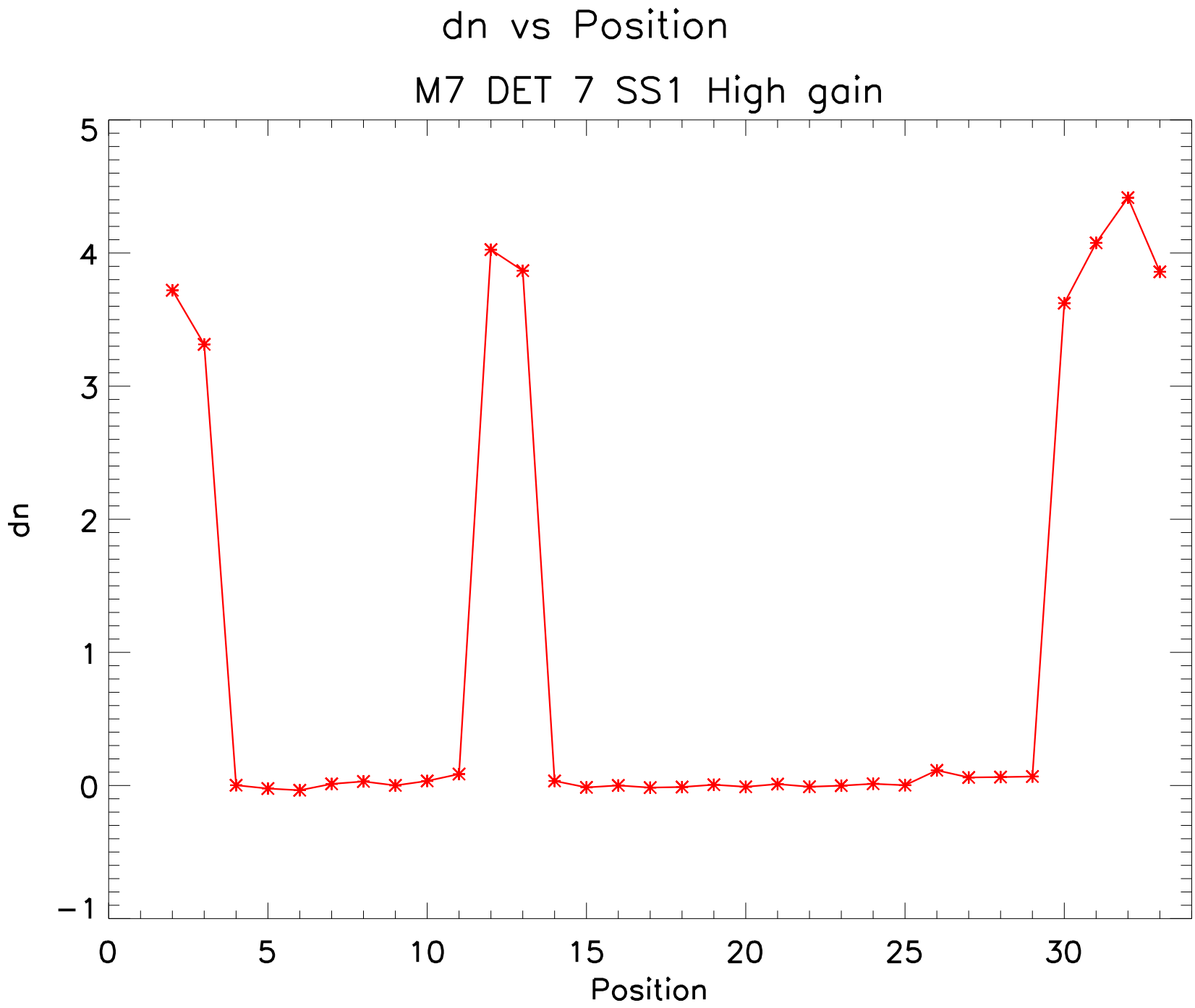
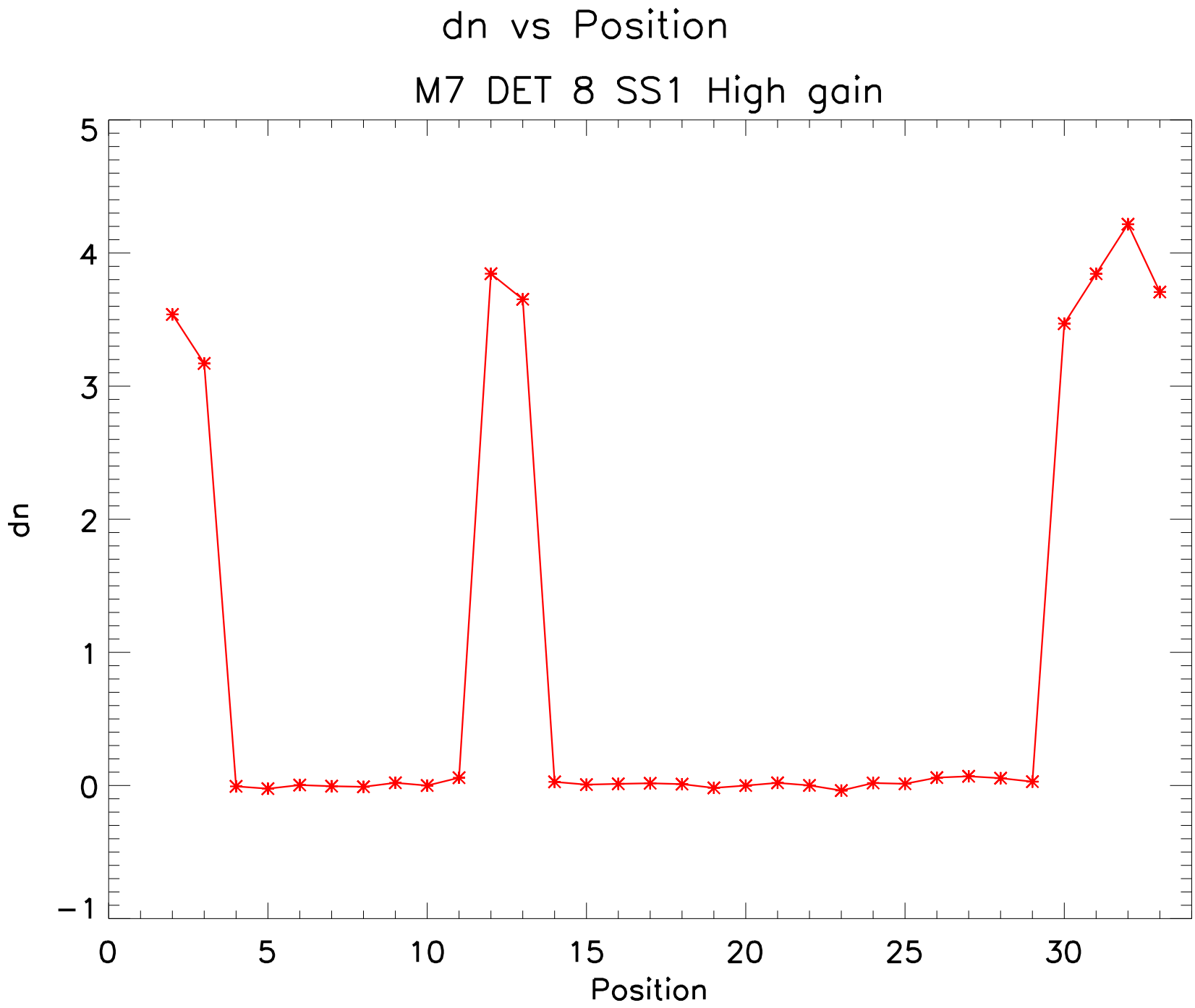
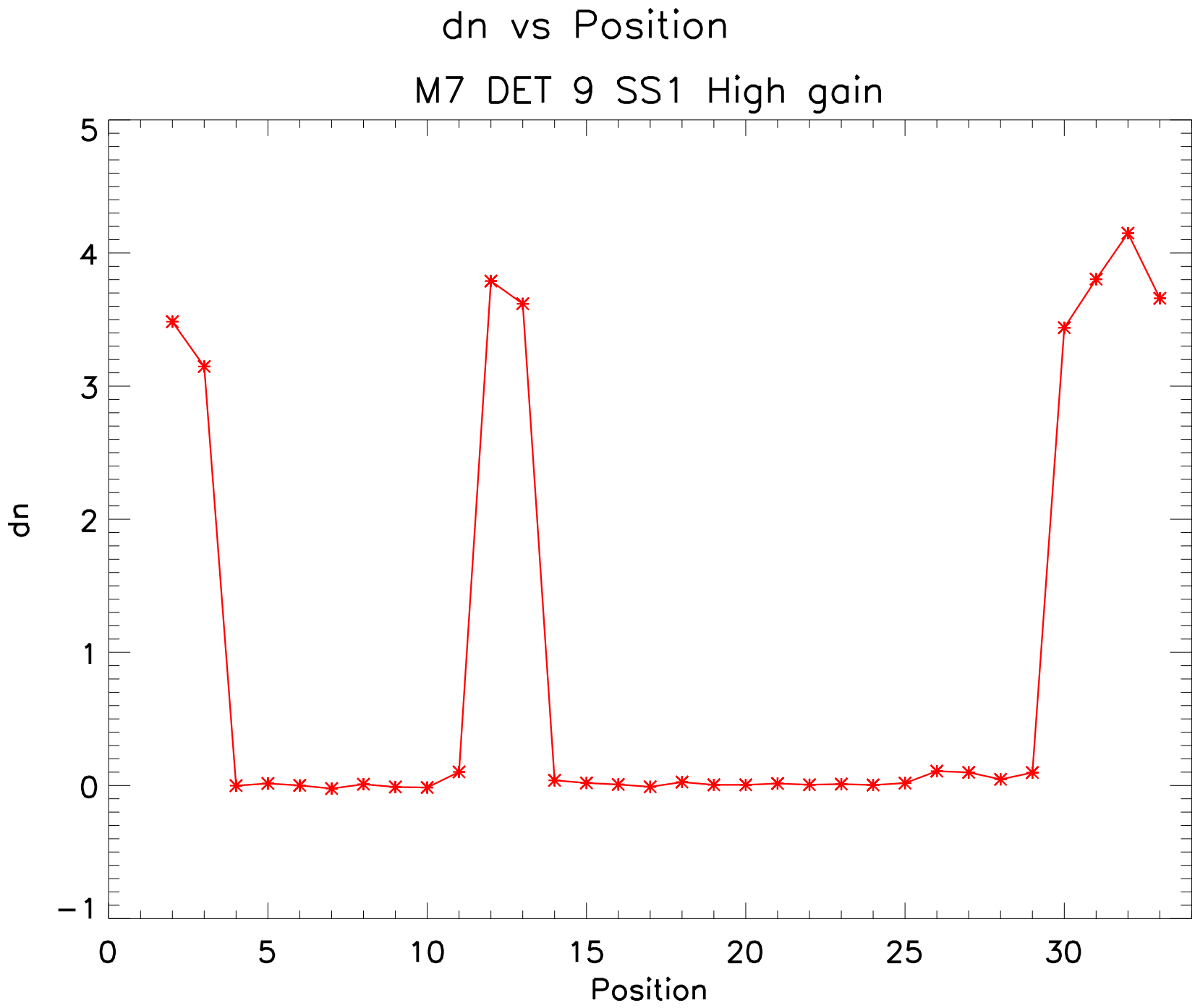
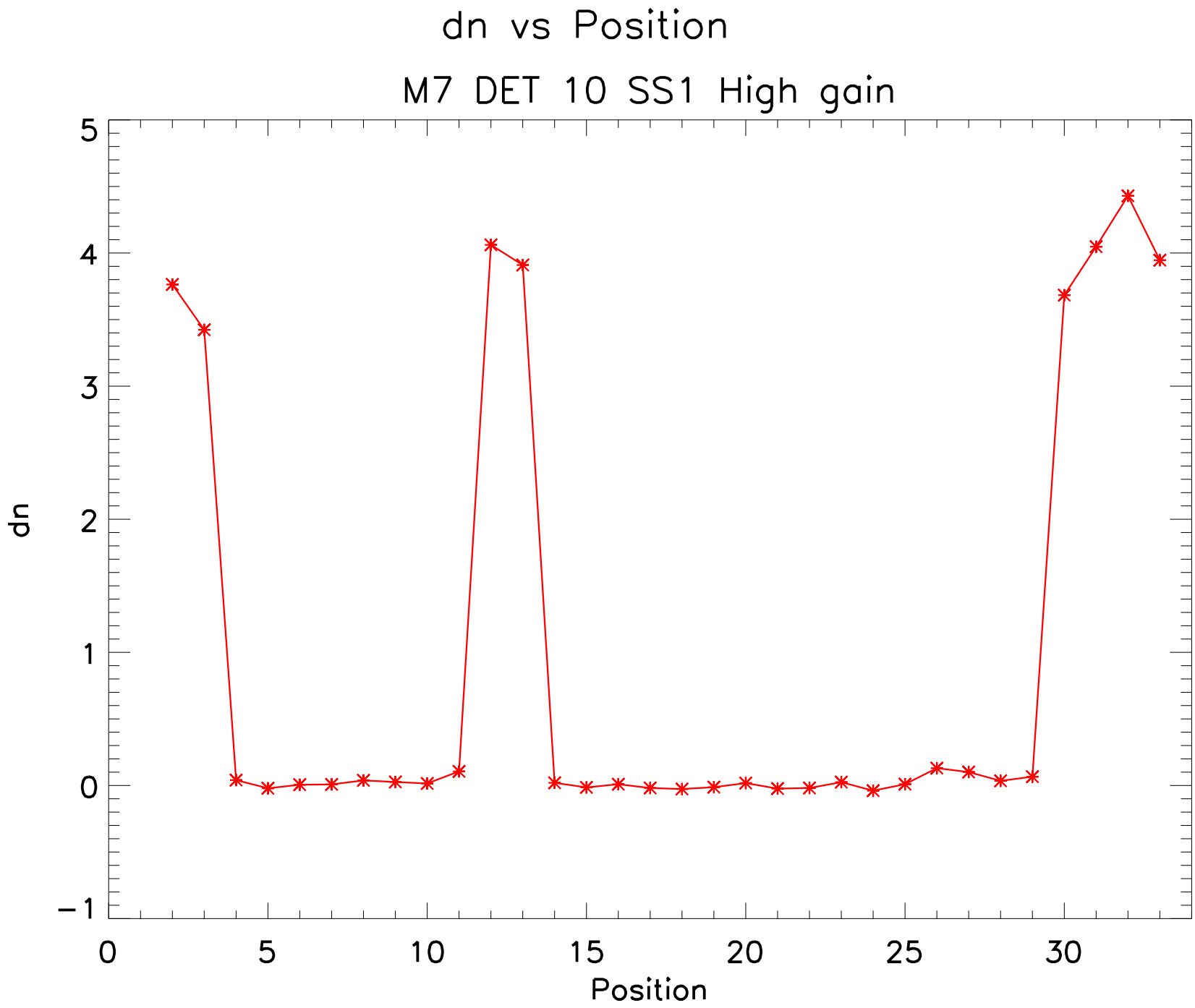
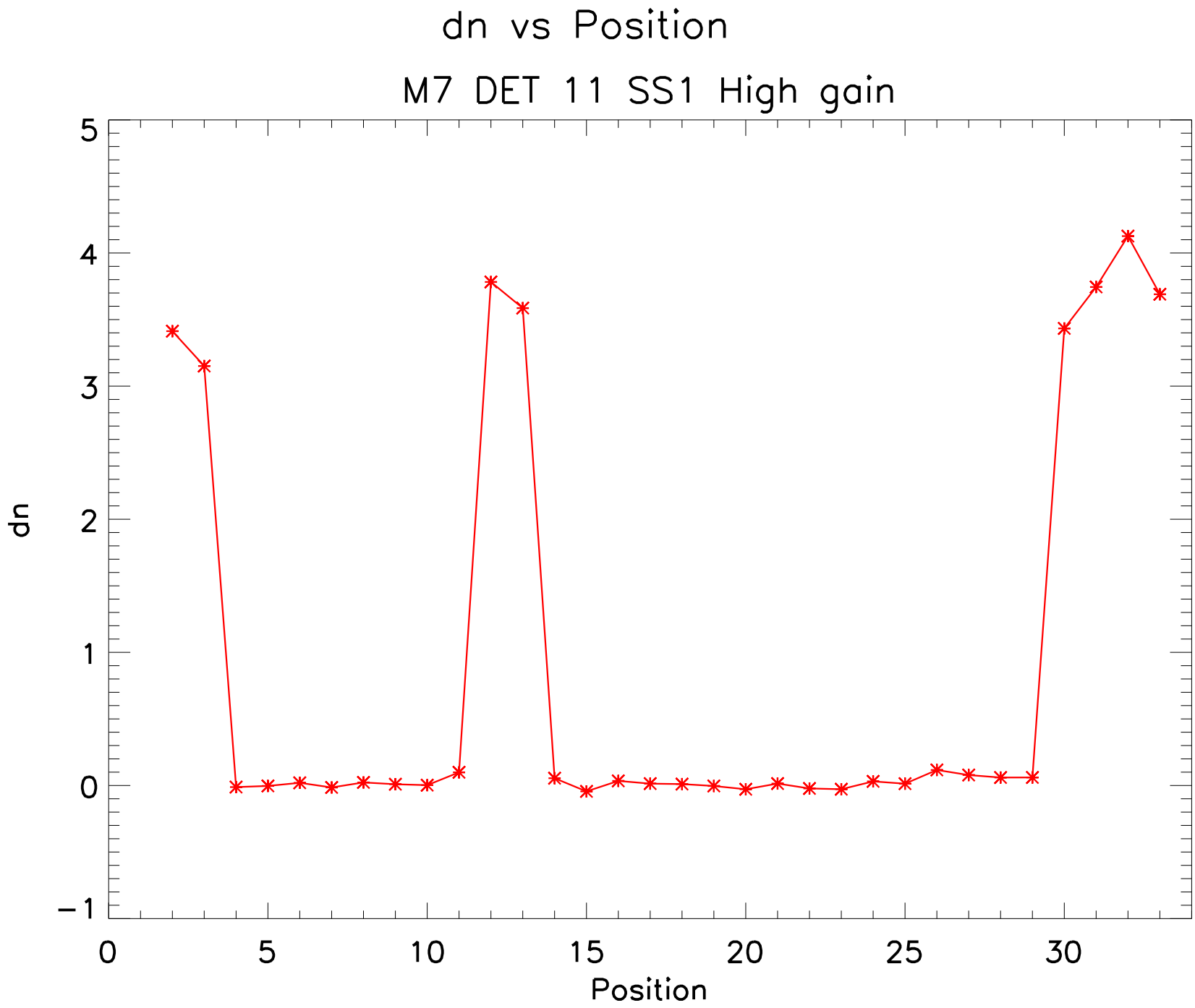
25
30

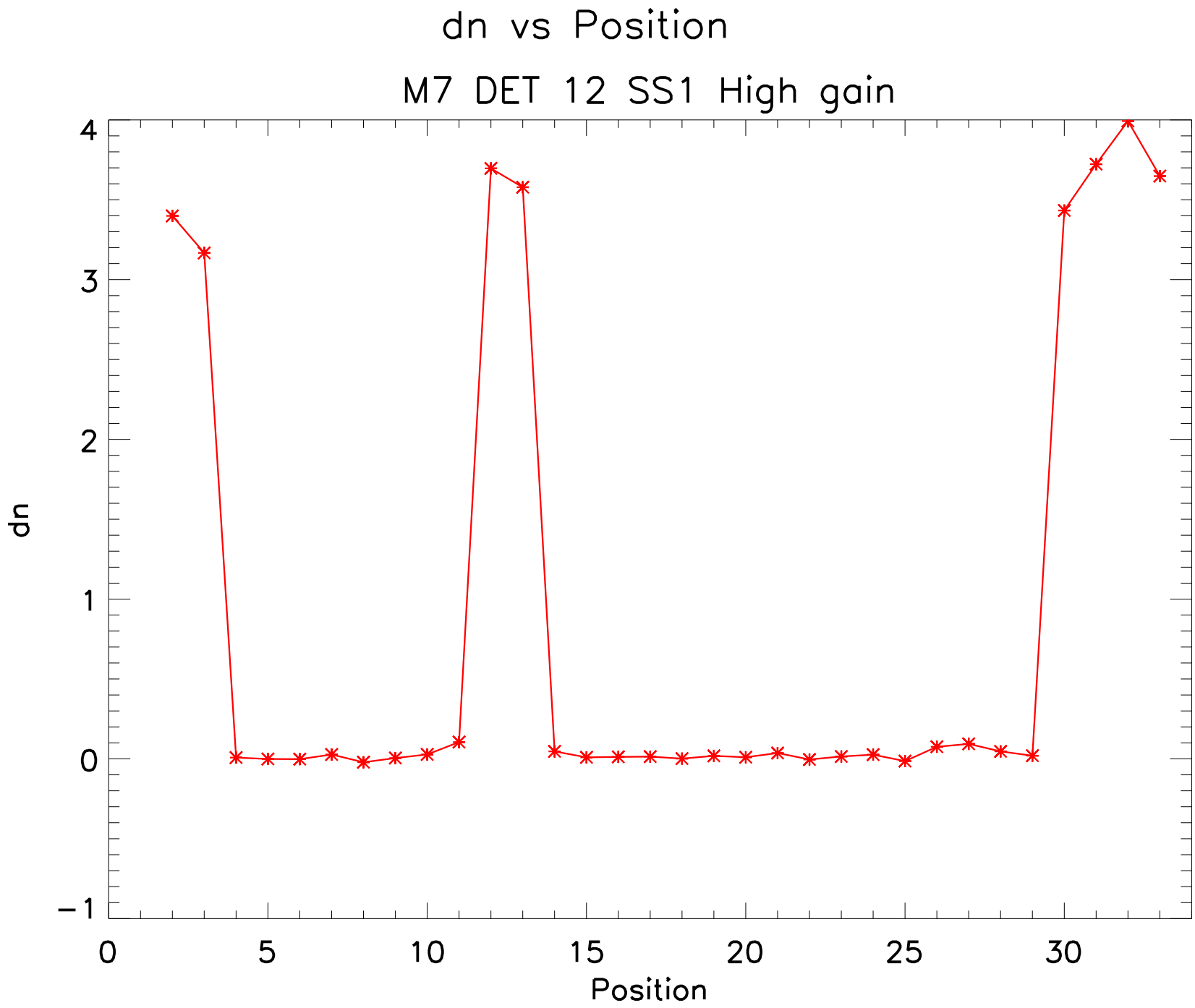

dn vs Position
M7 DET 7 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30

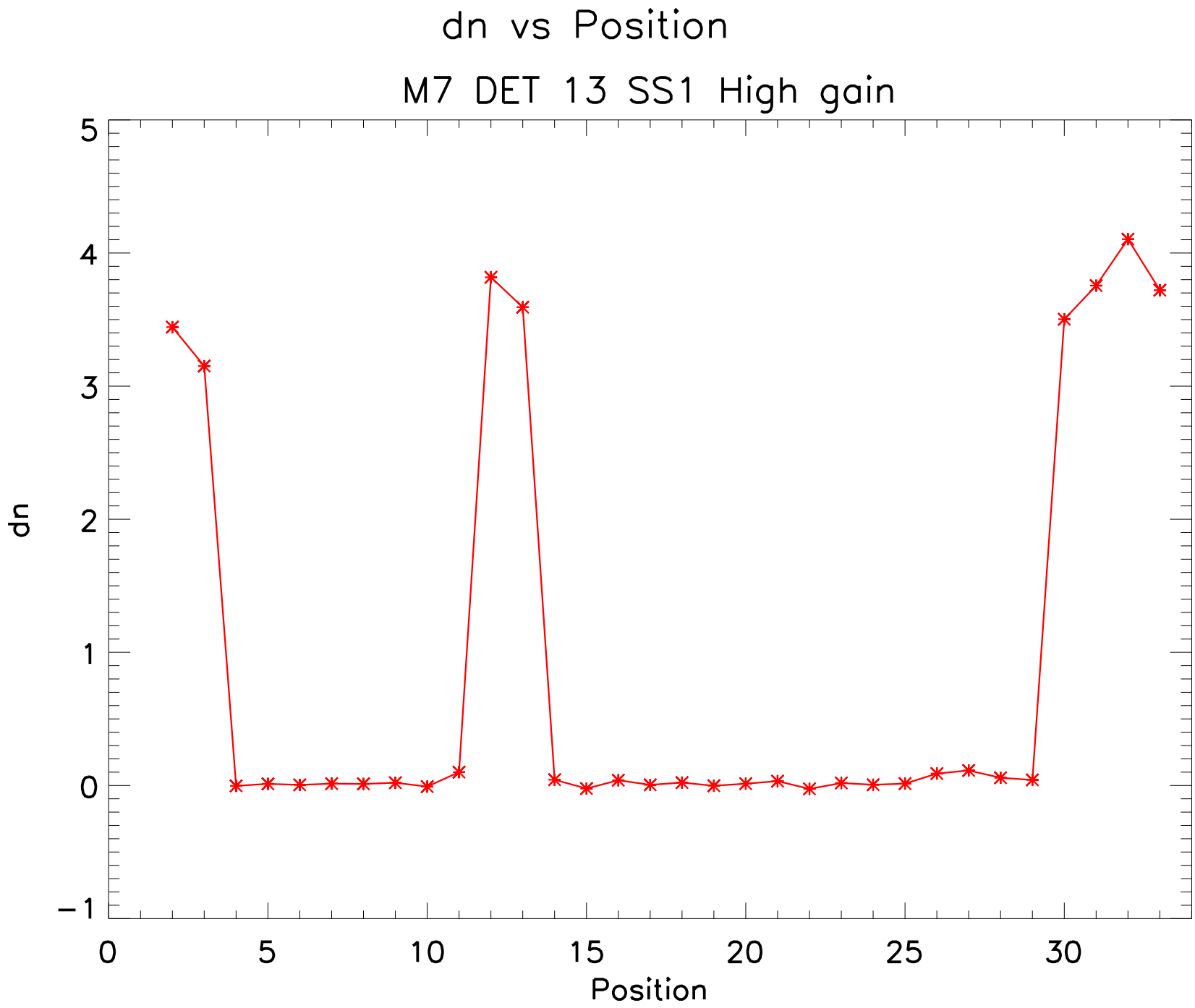

dn vs Position
M7 DET 8 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 9 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 10 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 11 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 12 SS1 High gain
dn
Position
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 13 SS1 High gain
dn
Position
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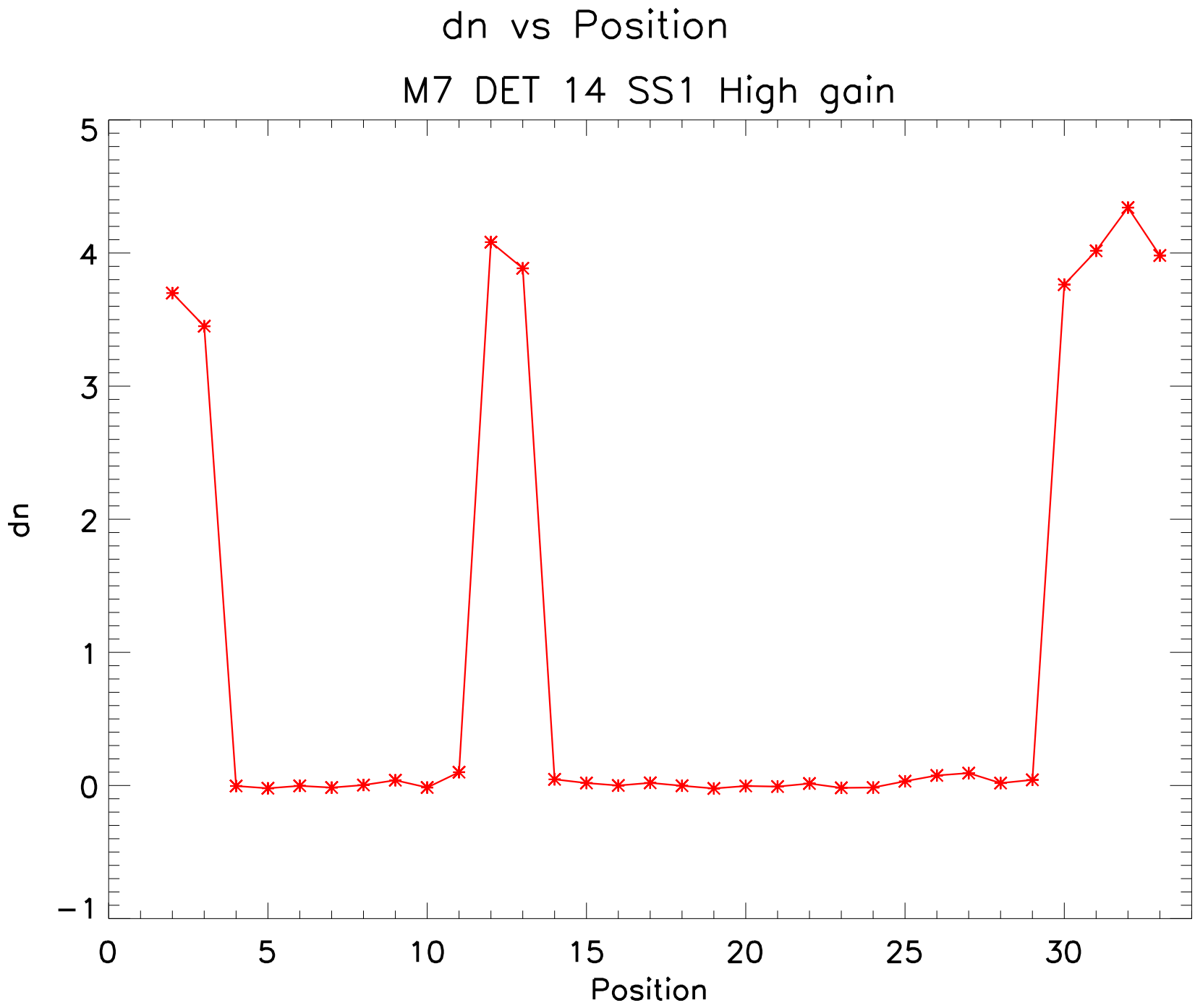
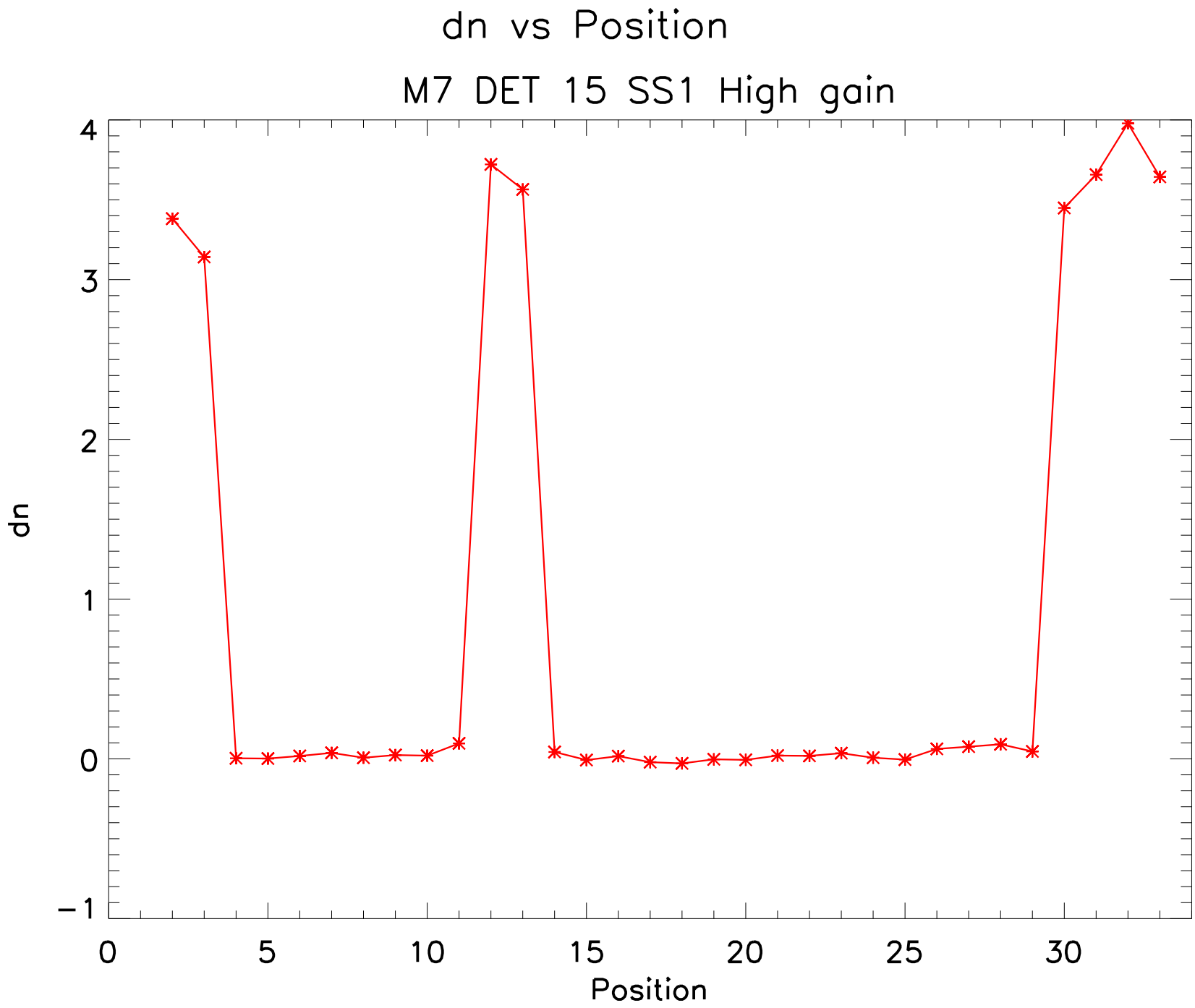
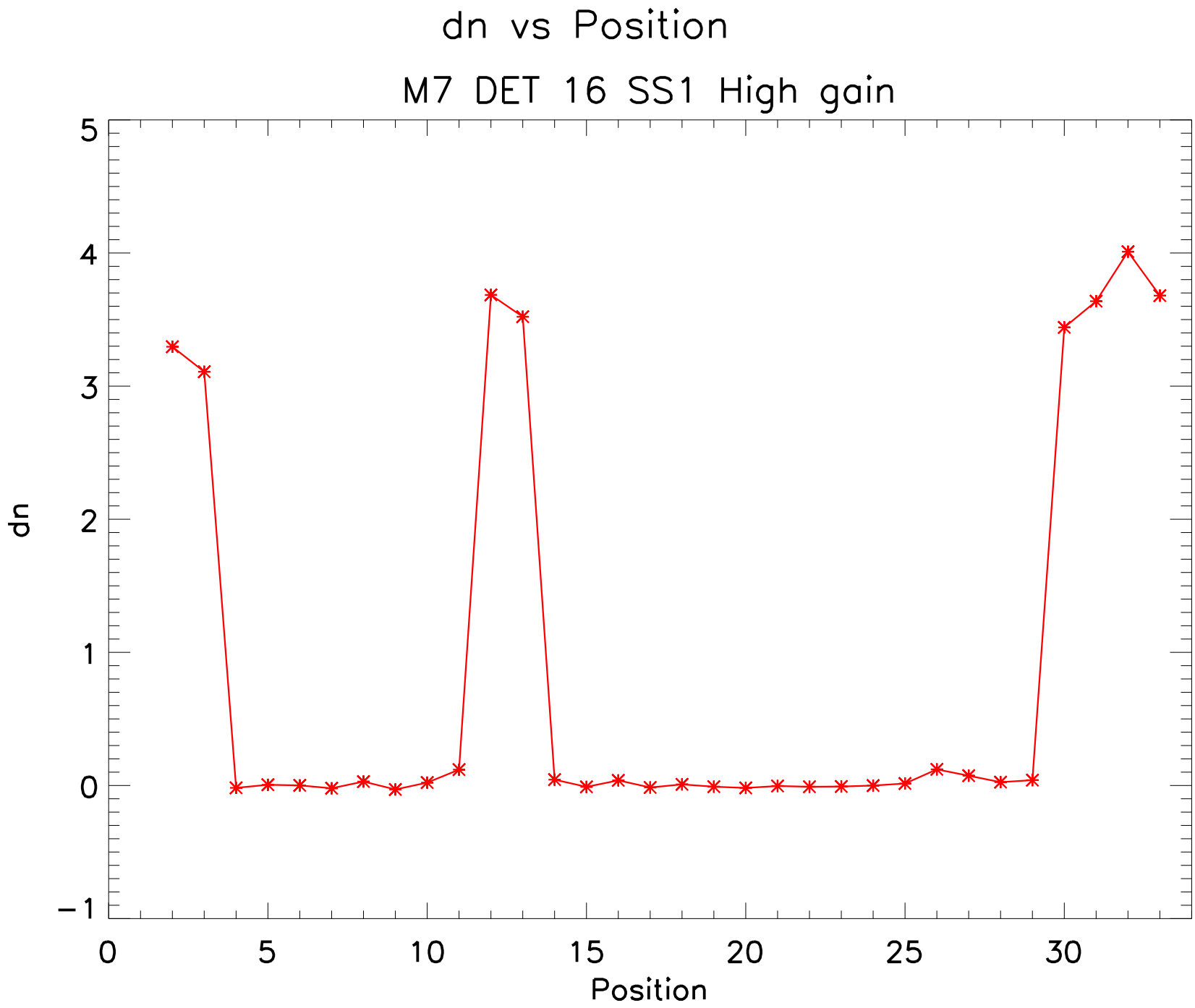
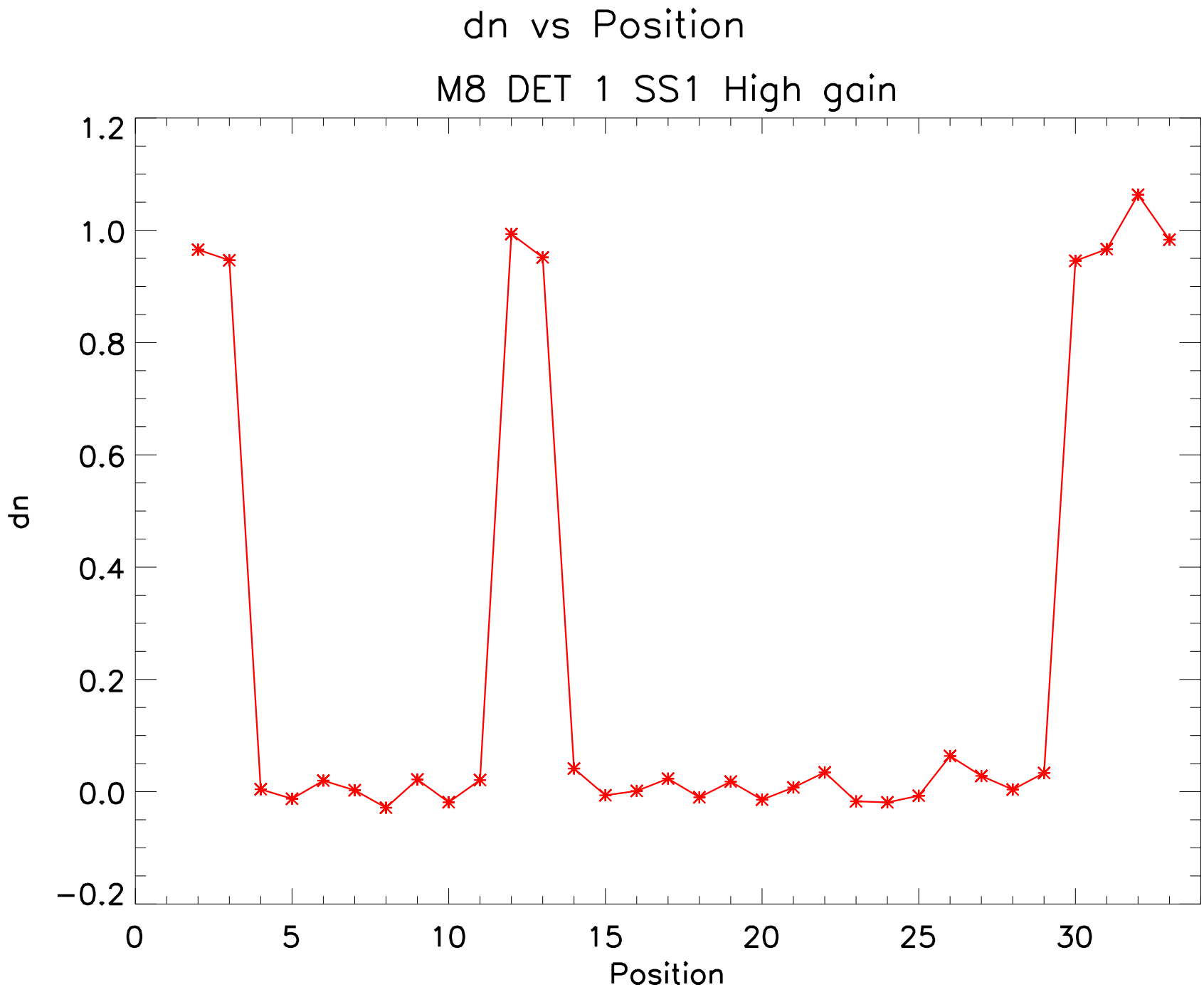
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 14 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 15 SS1 High gain
dn
Position
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M7 DET 16 SS1 High gain
dn
Position
5
4
3
2
1
0
−1
0
5
10
15
20
25
30


dn vs Position
M8 DET 1 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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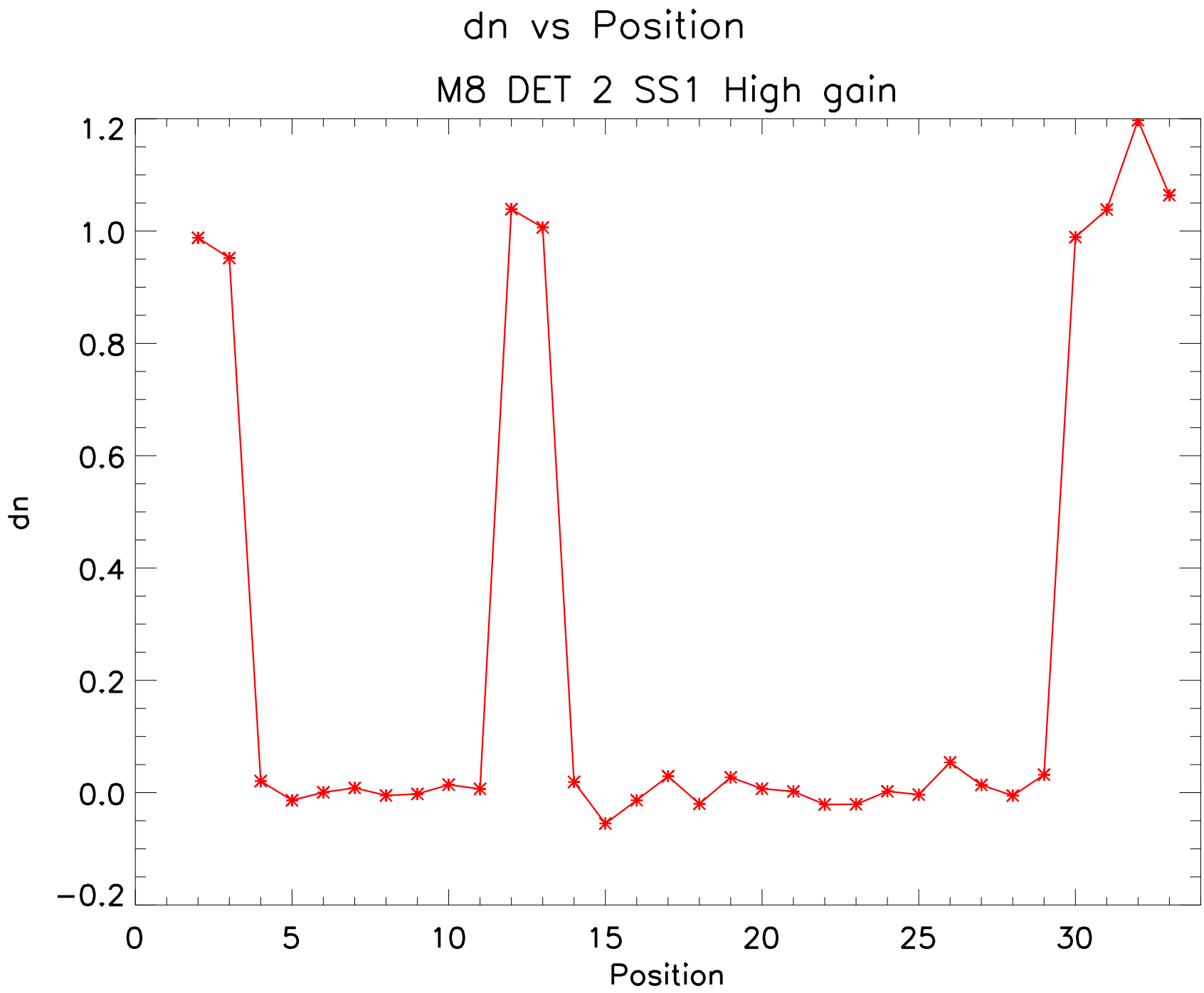
10
15
20
25
30
Position


dn vs Position
M8 DET 2 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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10
15
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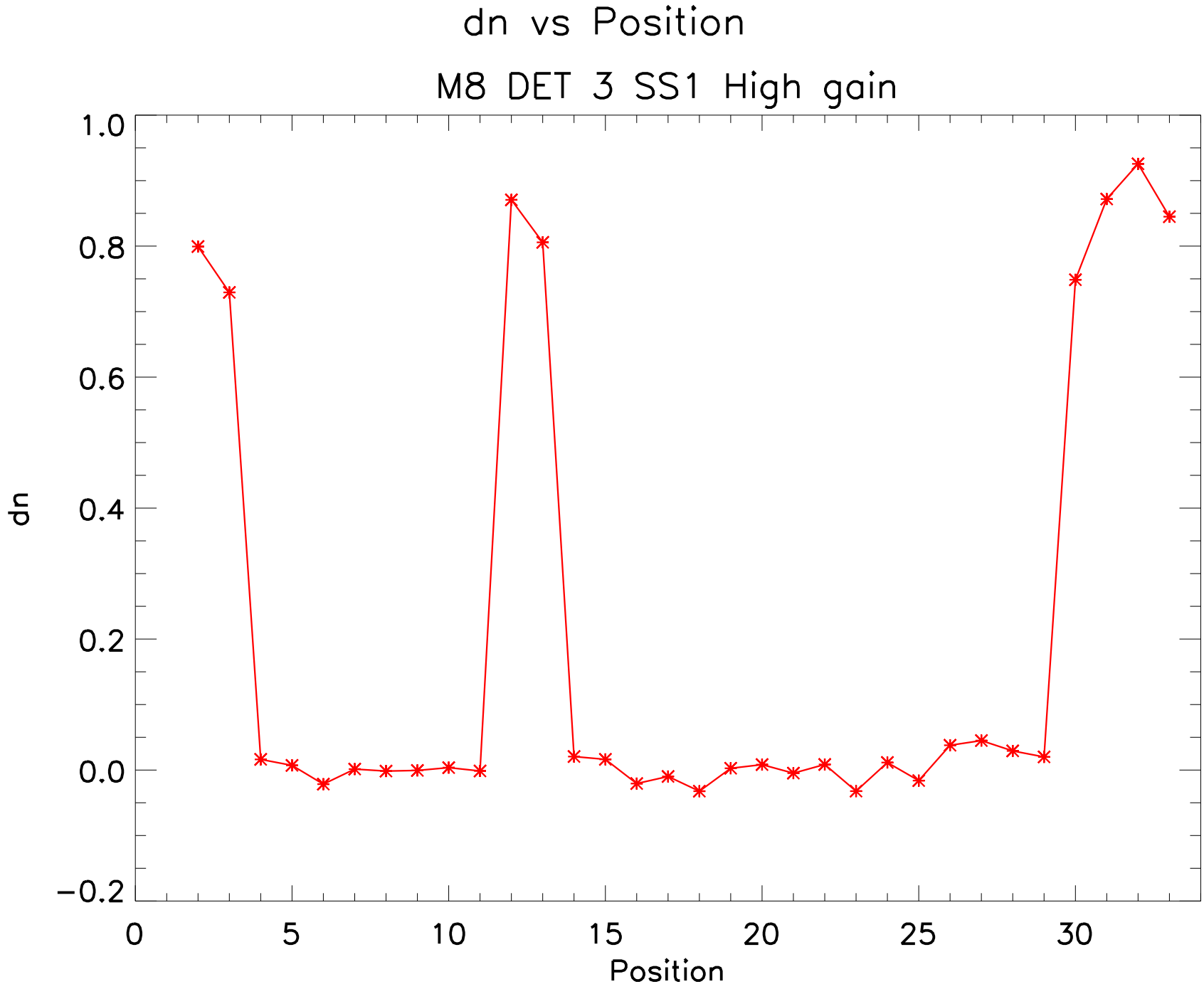
25
30


dn vs Position
M8 DET 3 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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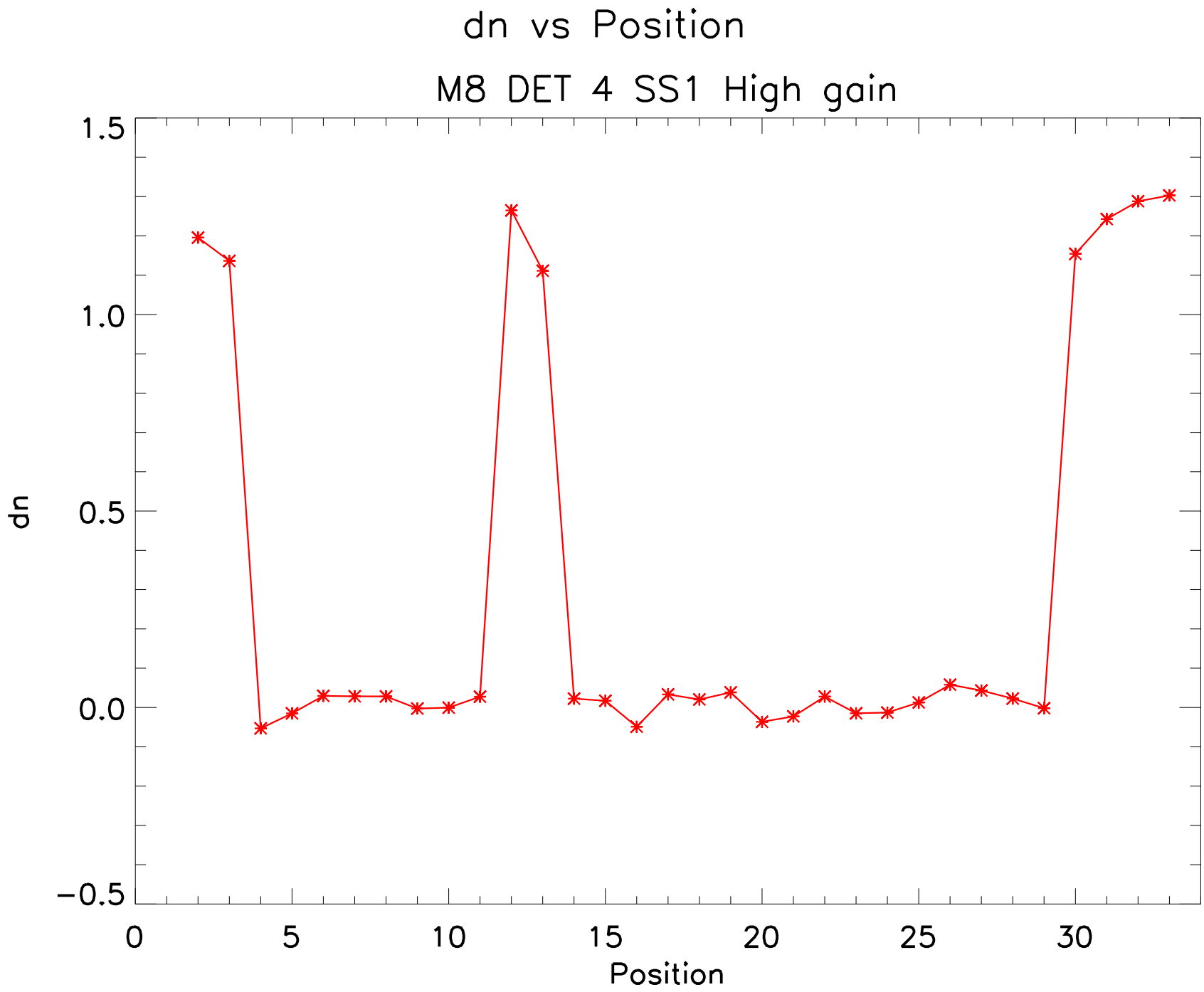
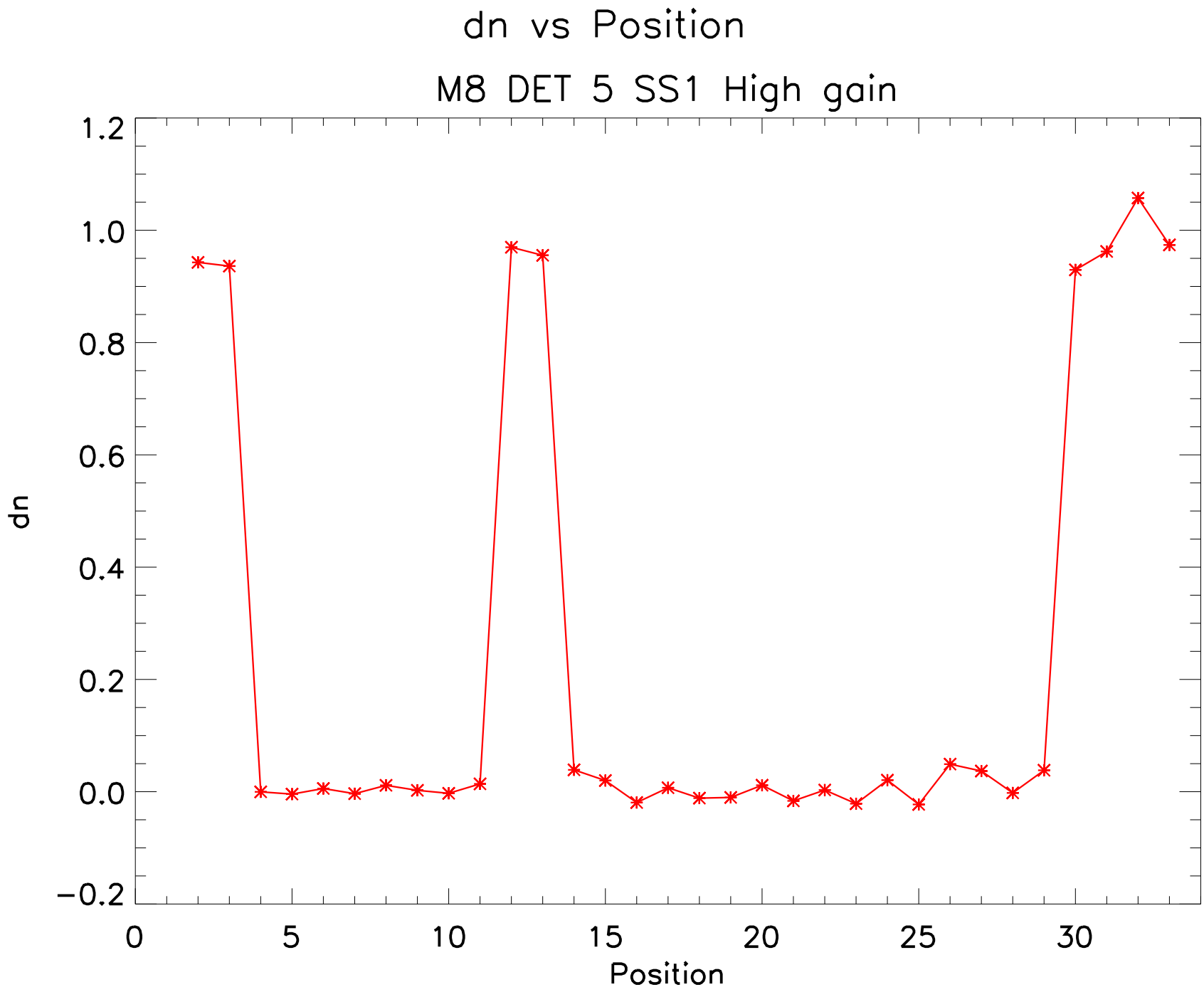
10
15
20
25
30
Position


dn vs Position
M8 DET 4 SS1 High gain
1.5
1.0
0.5
0.0
−0.5
dn
0
5
10
15
20
25
30
Position


dn vs Position
M8 DET 5 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
25
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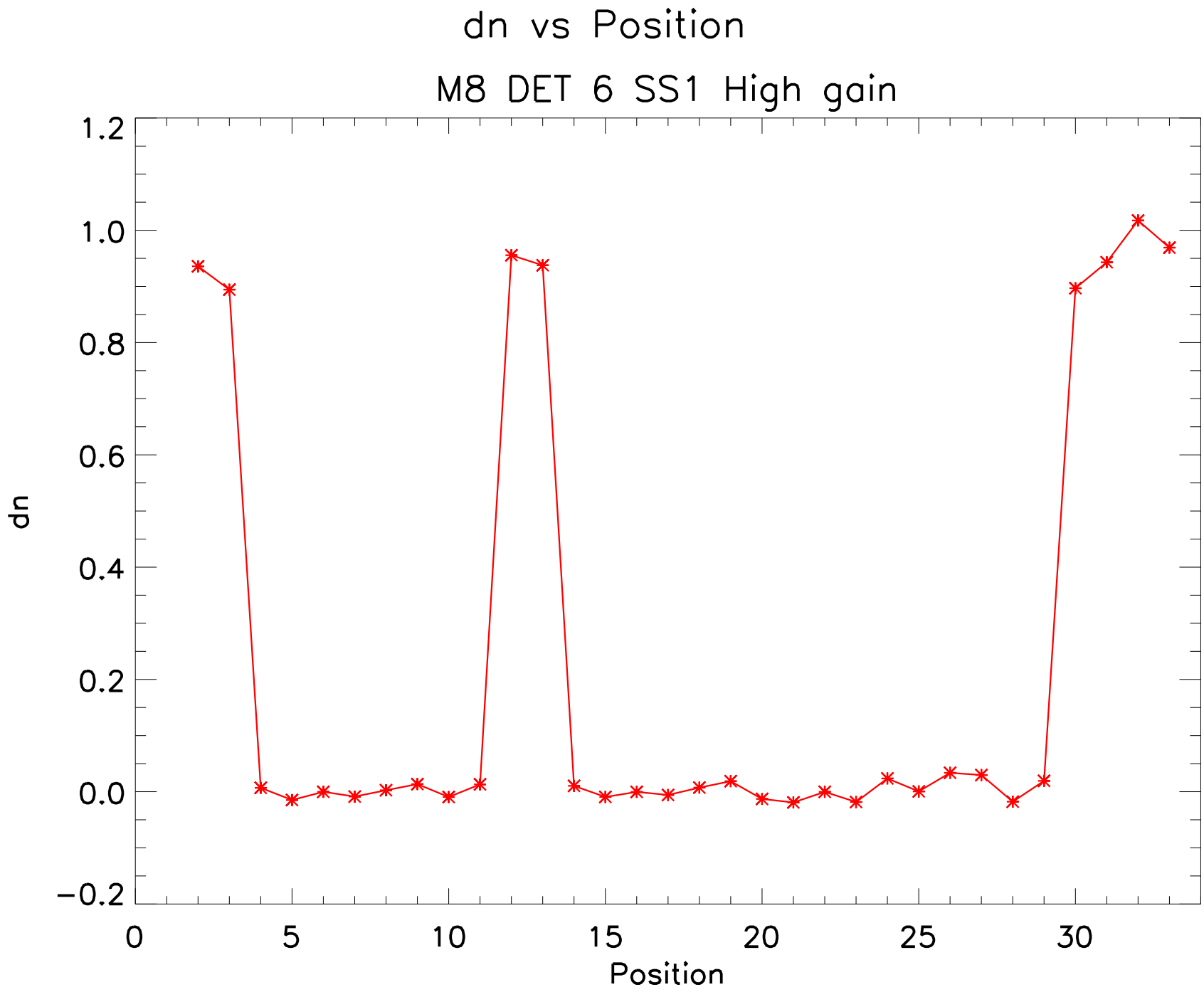
dn vs Position
M8 DET 6 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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15
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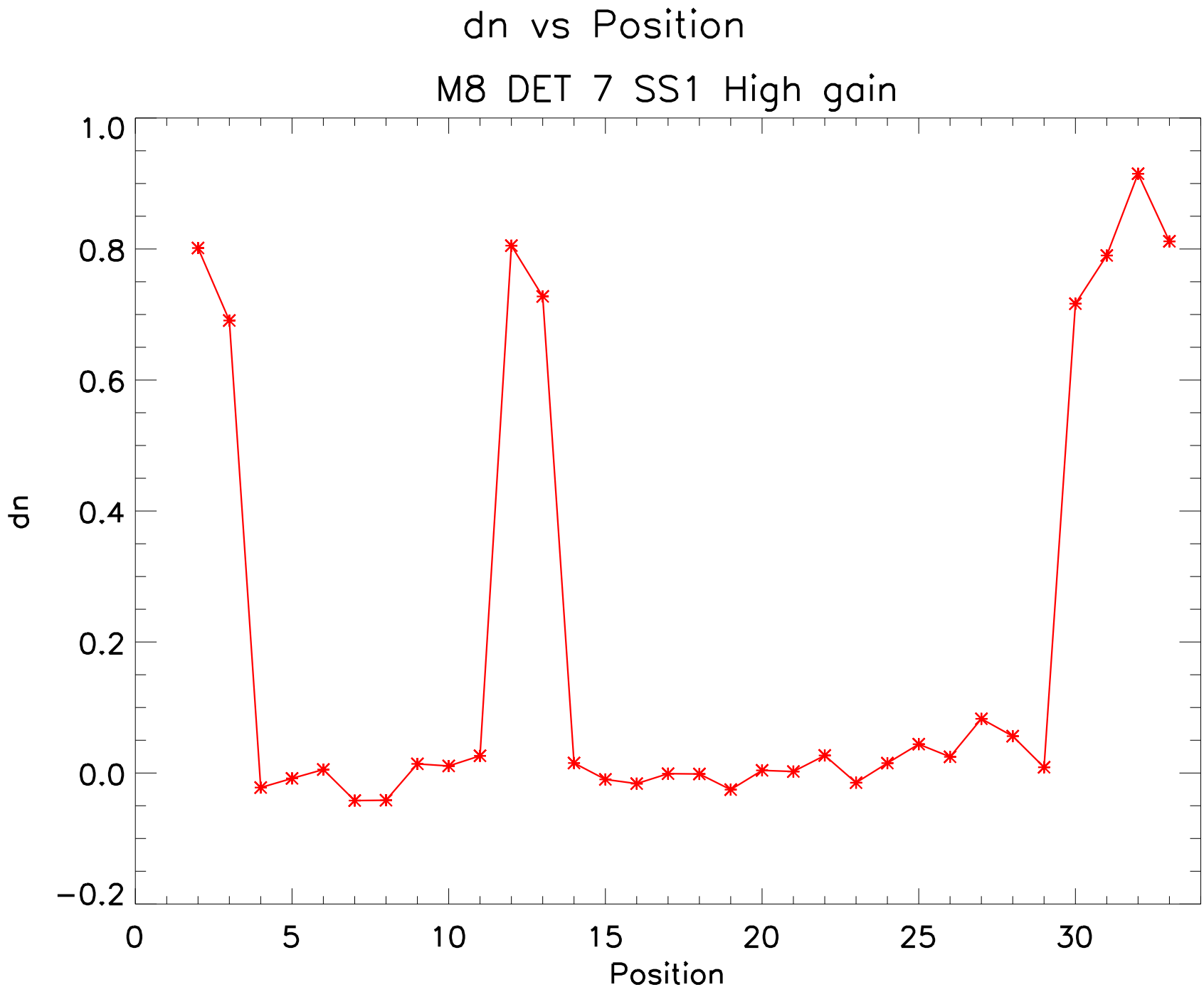
dn vs Position
M8 DET 7 SS1 High gain
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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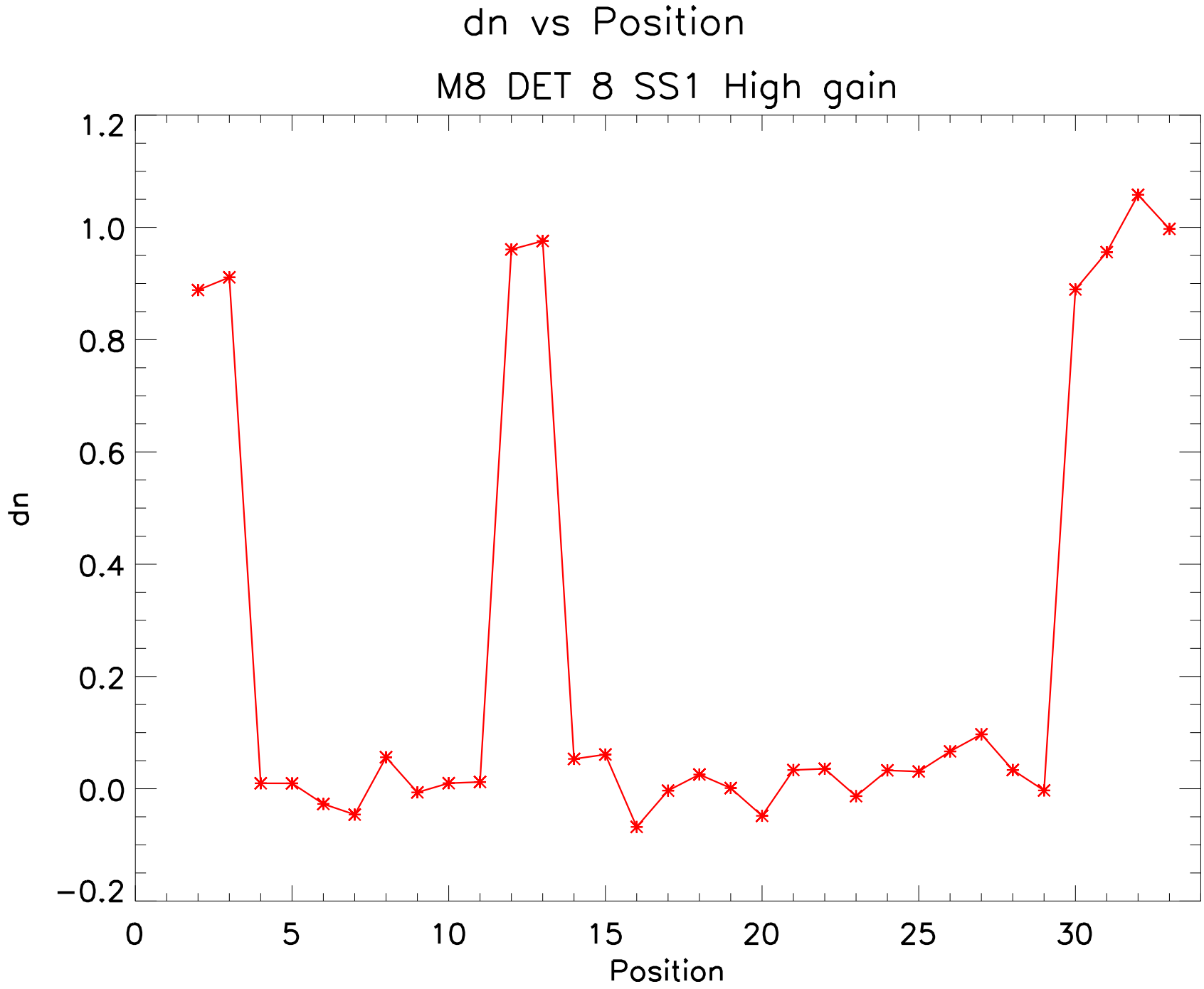
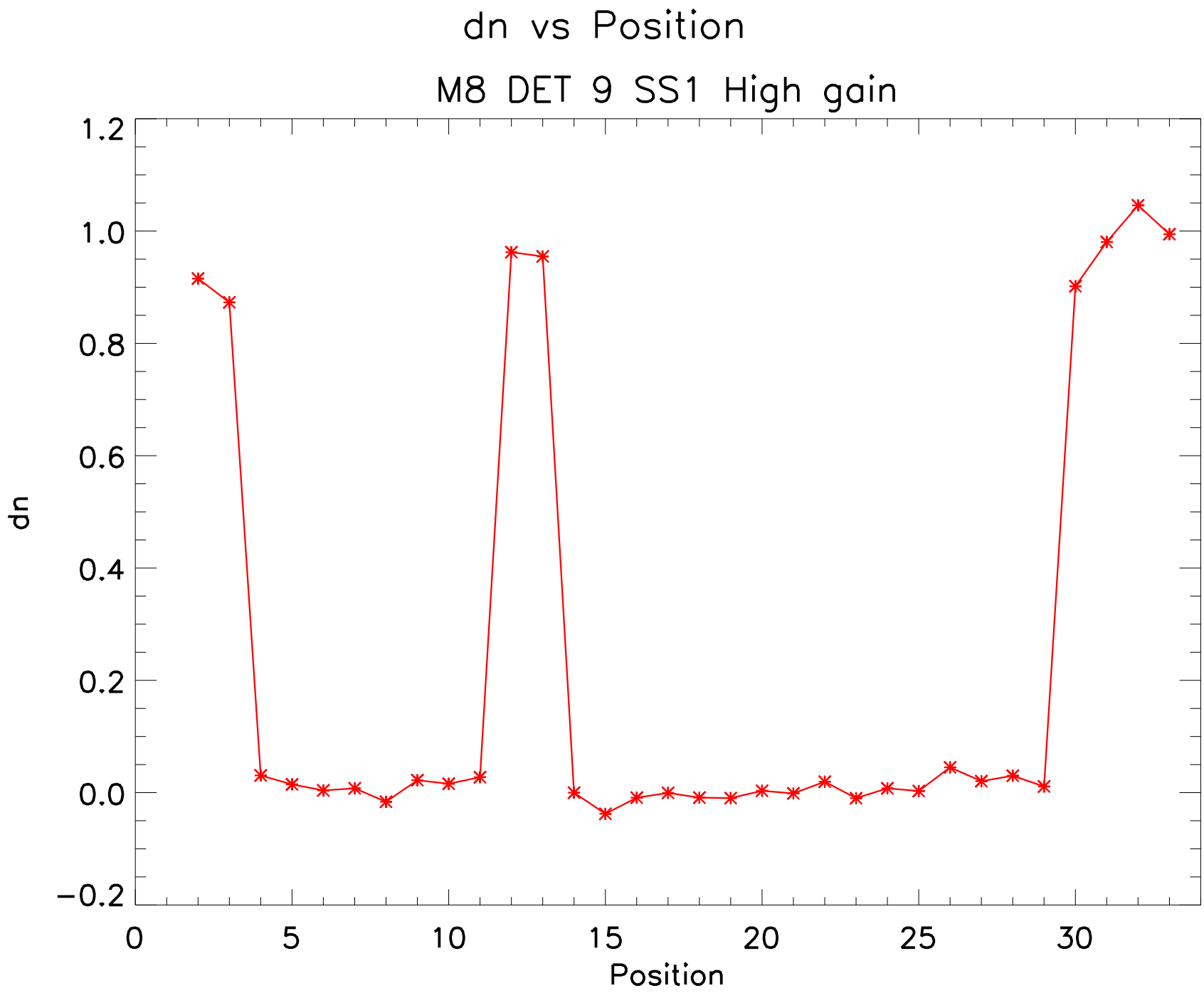
10
15
20
25
30
Position


dn vs Position
M8 DET 8 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
15
20
25
30
Position


dn vs Position
M8 DET 9 SS1 High gain
dn
Position
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
5
10
15
20
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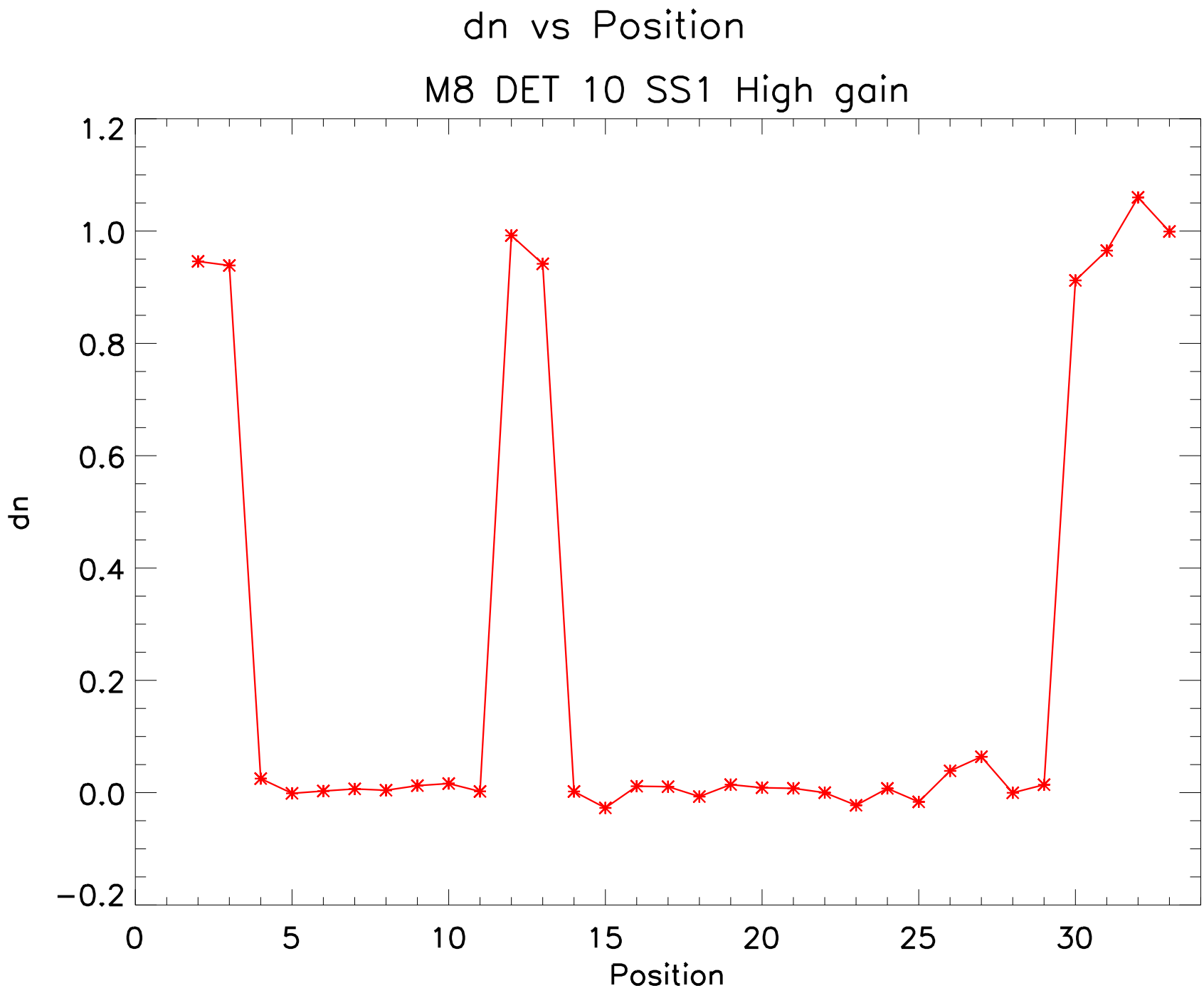
dn vs Position
M8 DET 10 SS1 High gain
1.2
1.0
0.8
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0.4
0.2
0.0
−0.2
dn
0
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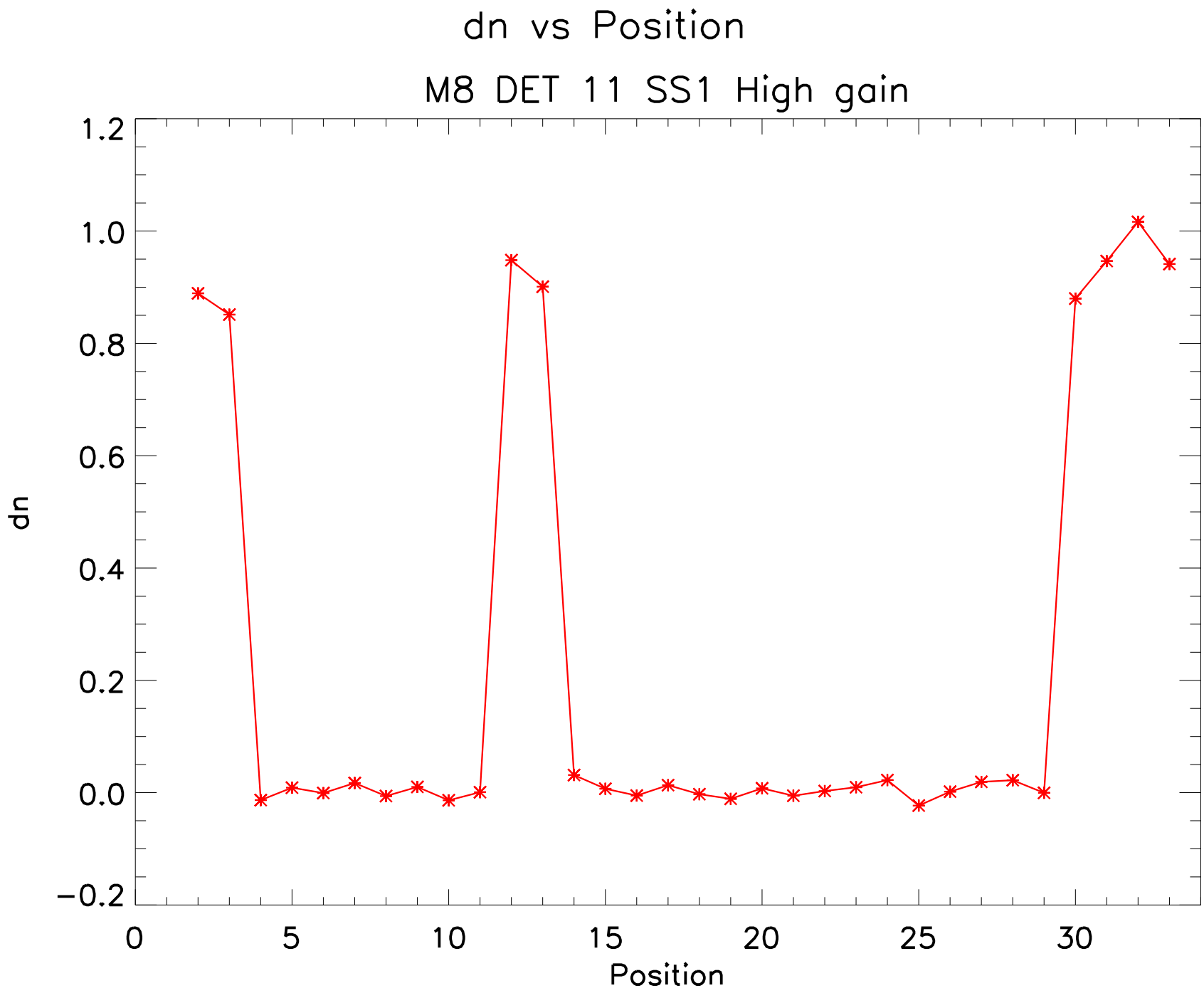
Position


dn vs Position
M8 DET 11 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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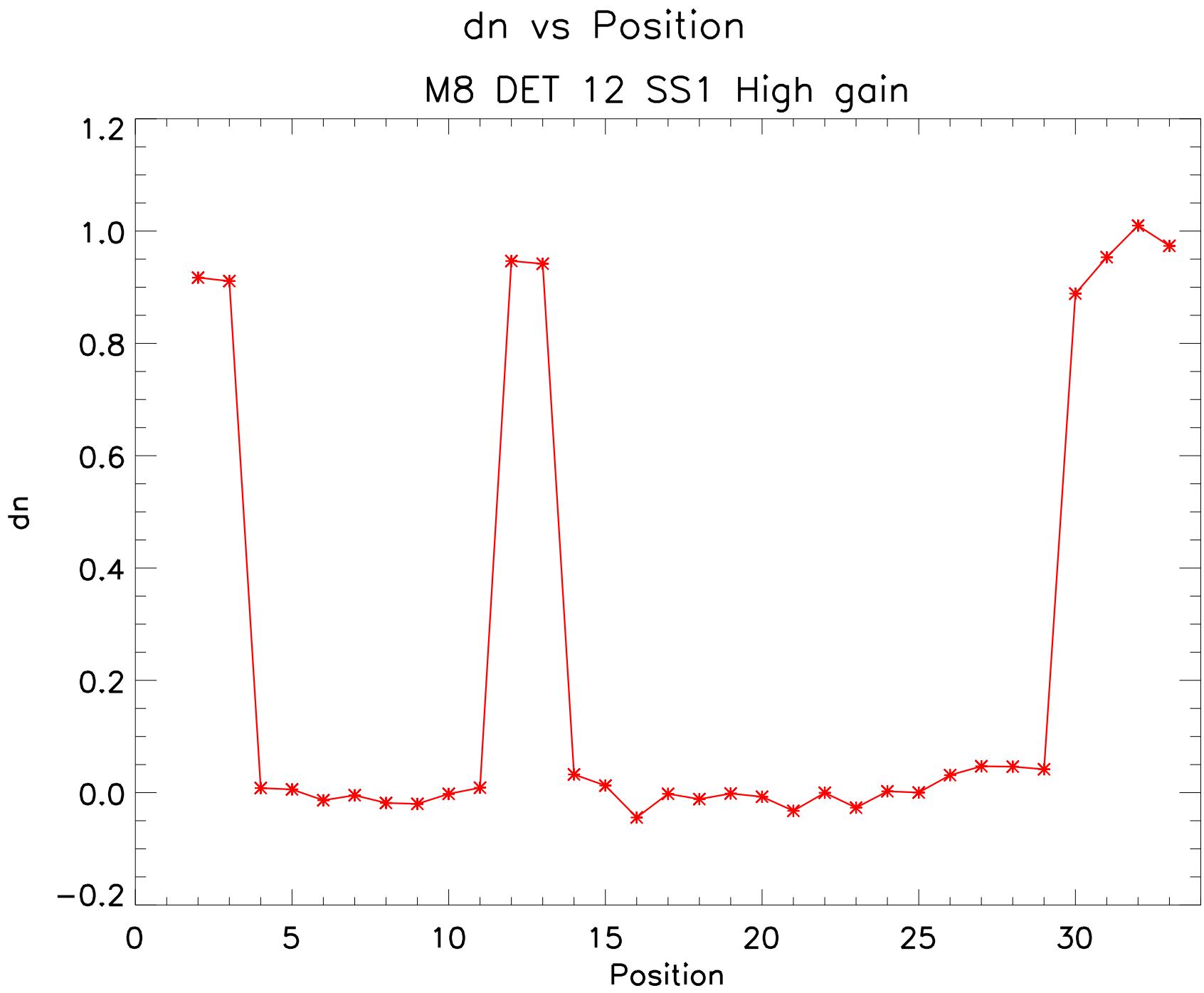
Position


dn vs Position
M8 DET 12 SS1 High gain
1.2
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0.4
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0.0
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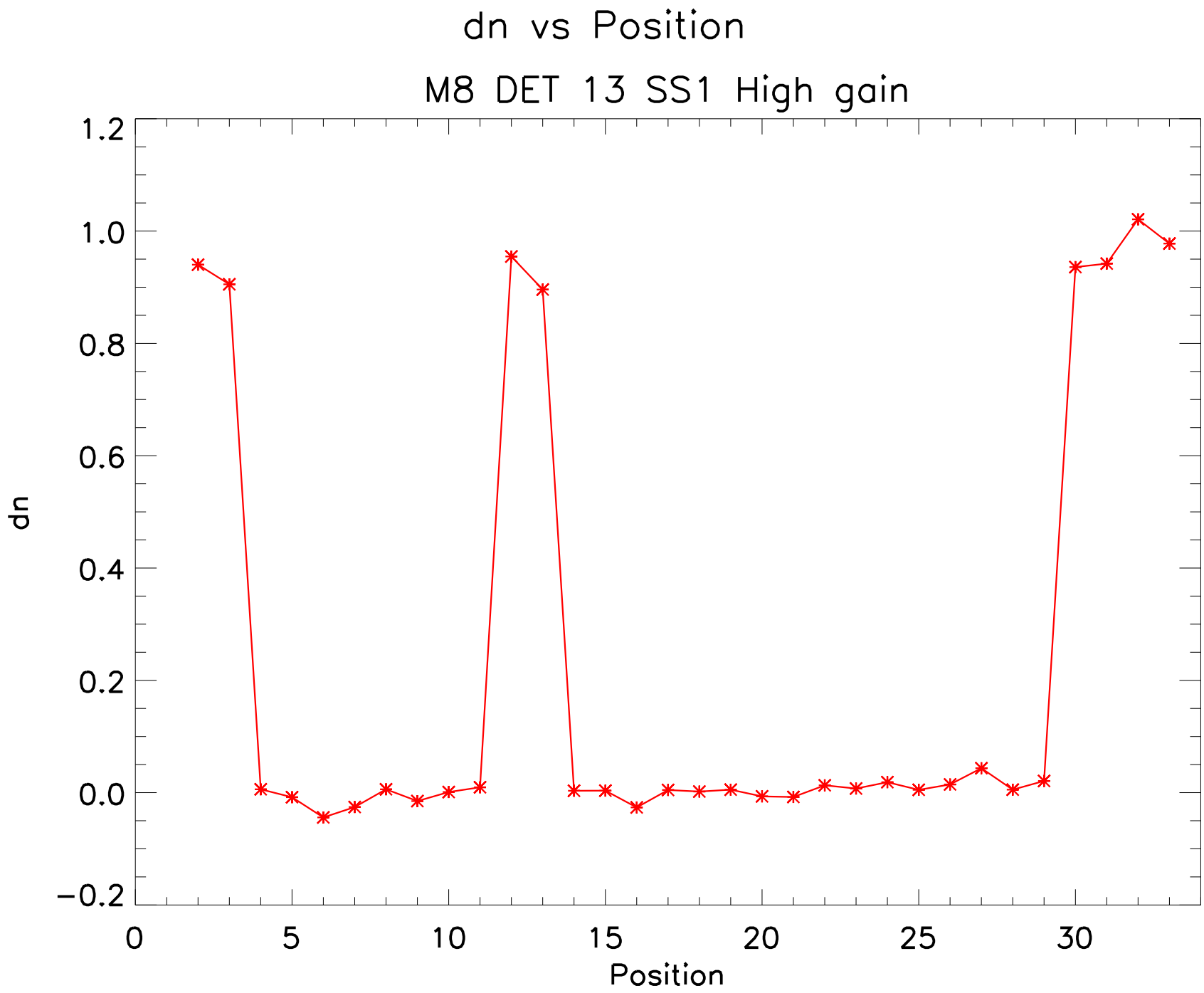
Position


dn vs Position
M8 DET 13 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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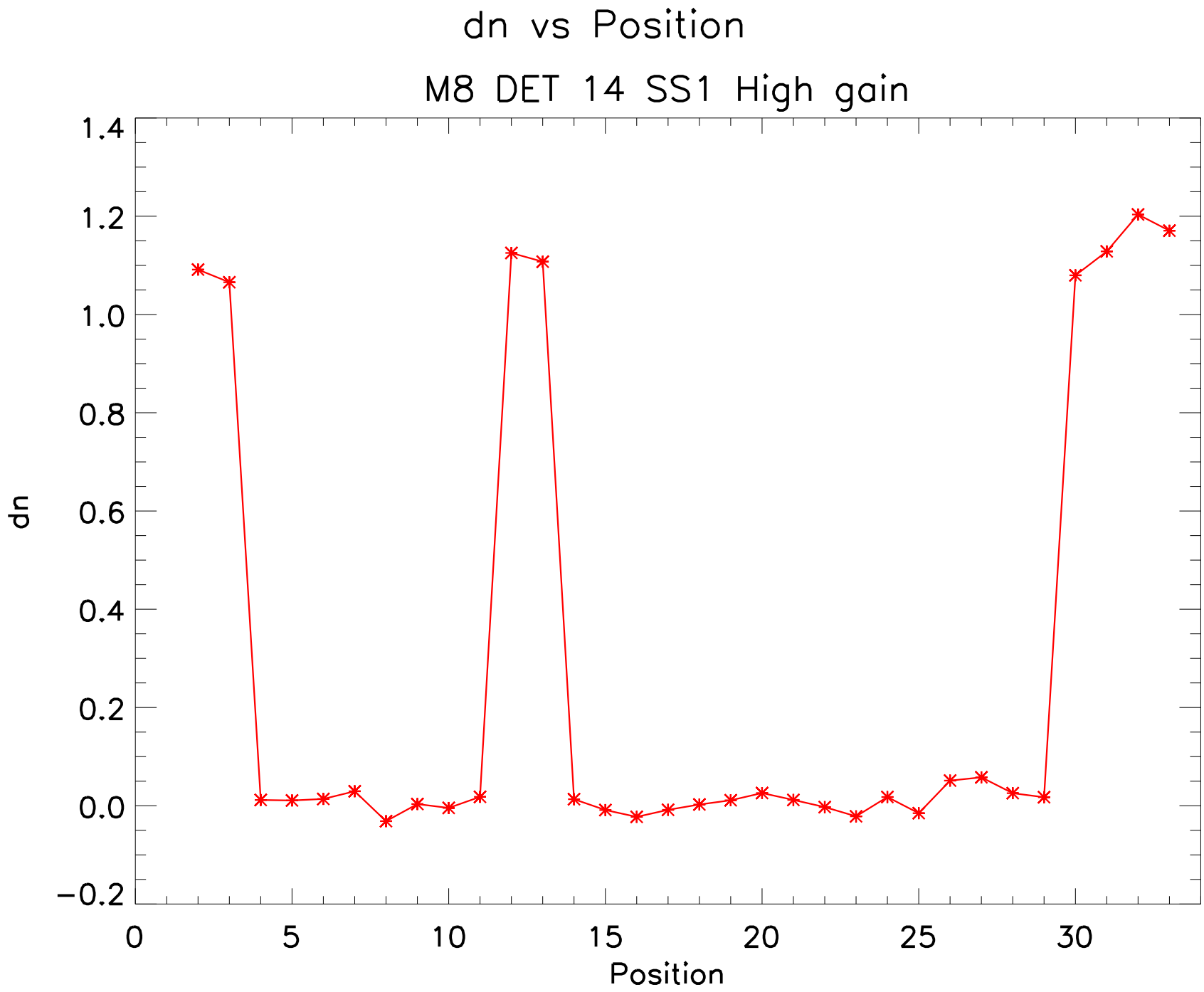
Position


dn vs Position
M8 DET 14 SS1 High gain
dn
Position
1.4
1.2
1.0
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0.6
0.4
0.2
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−0.2
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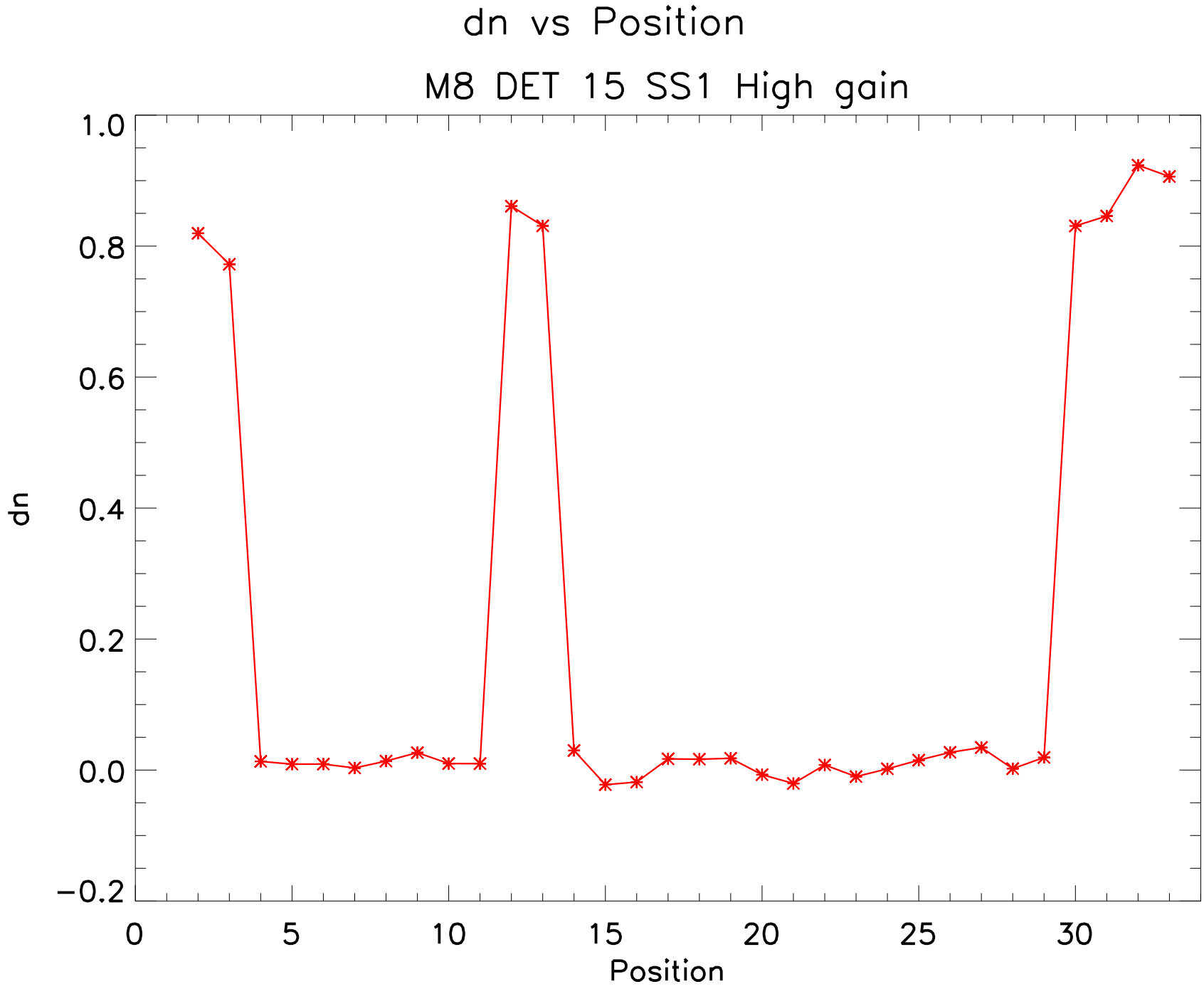
dn vs Position
M8 DET 15 SS1 High gain
dn
Position
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0.6
0.4
0.2
0.0
−0.2
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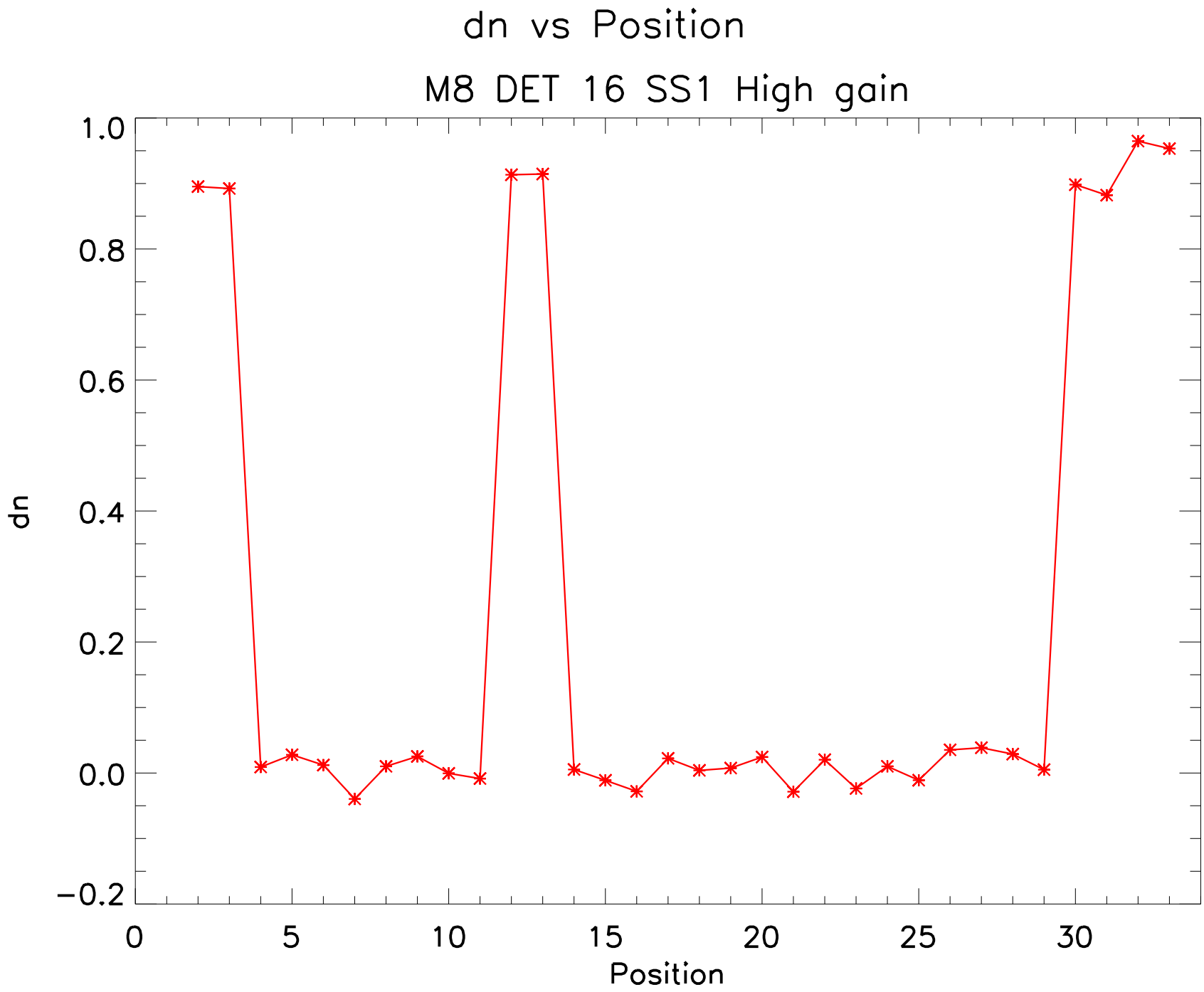
dn vs Position
M8 DET 16 SS1 High gain
dn
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
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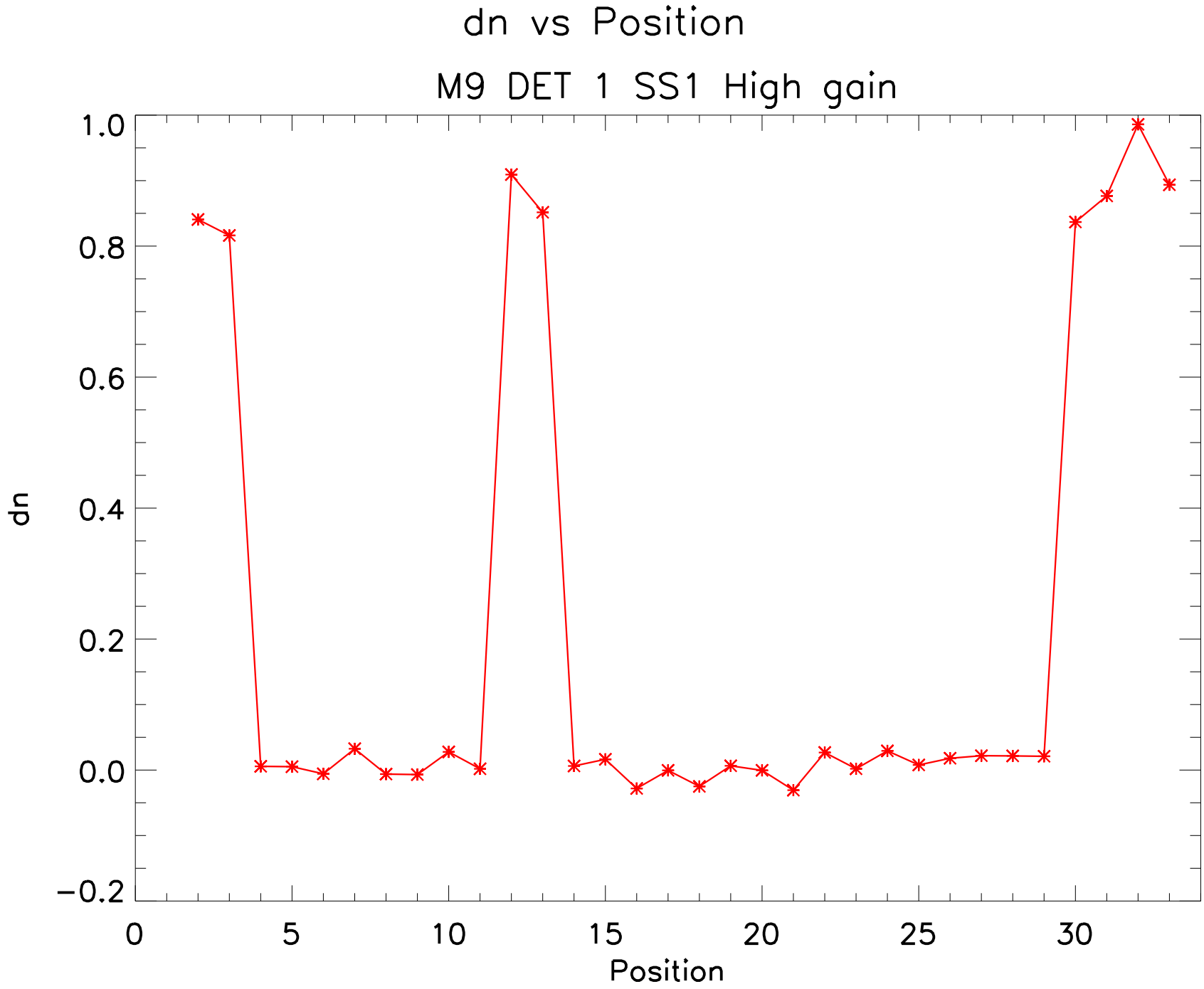
Position


dn vs Position
M9 DET 1 SS1 High gain
1.0
0.8
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0.4
0.2
0.0
−0.2
dn
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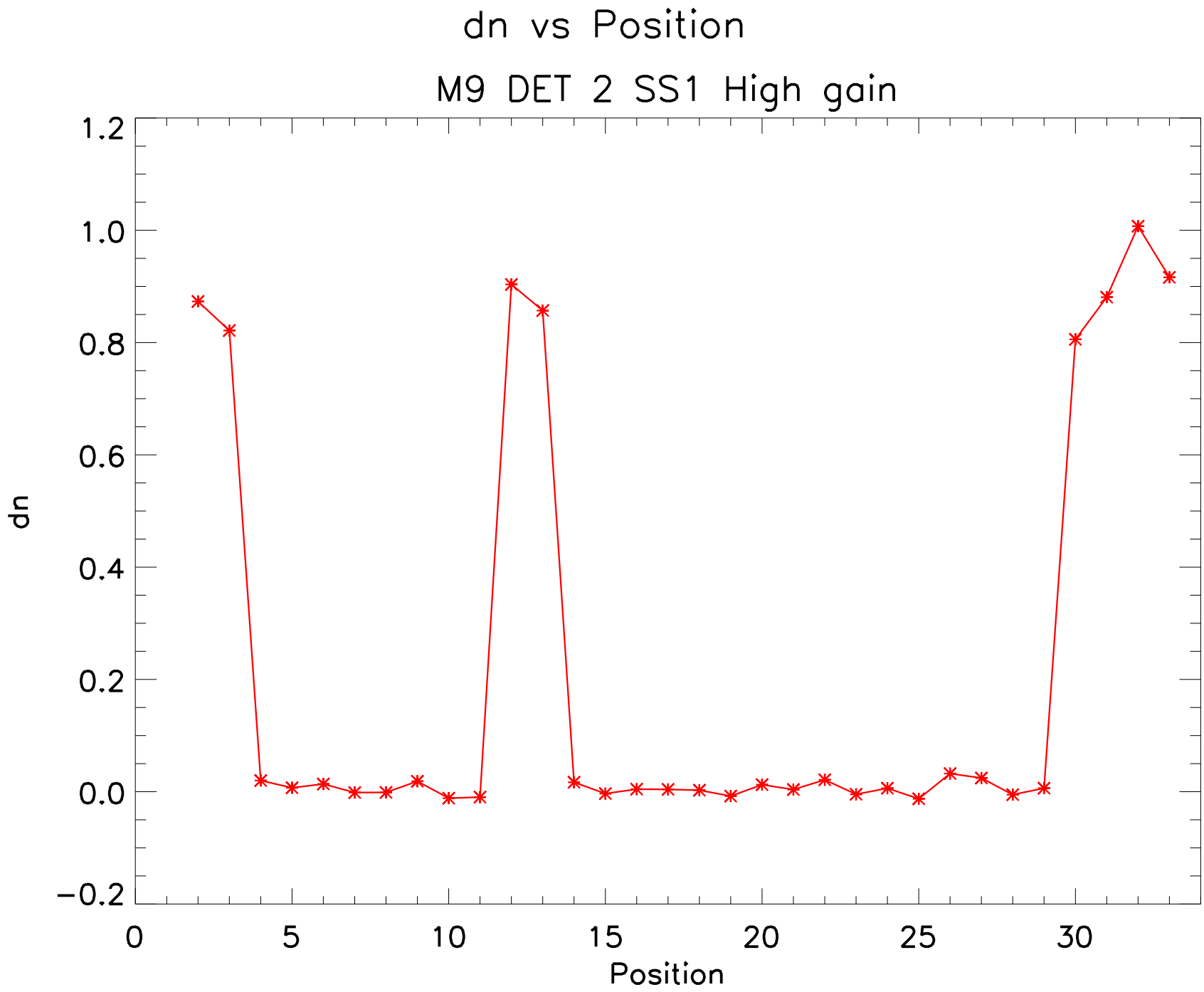
Position


dn vs Position
M9 DET 2 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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20
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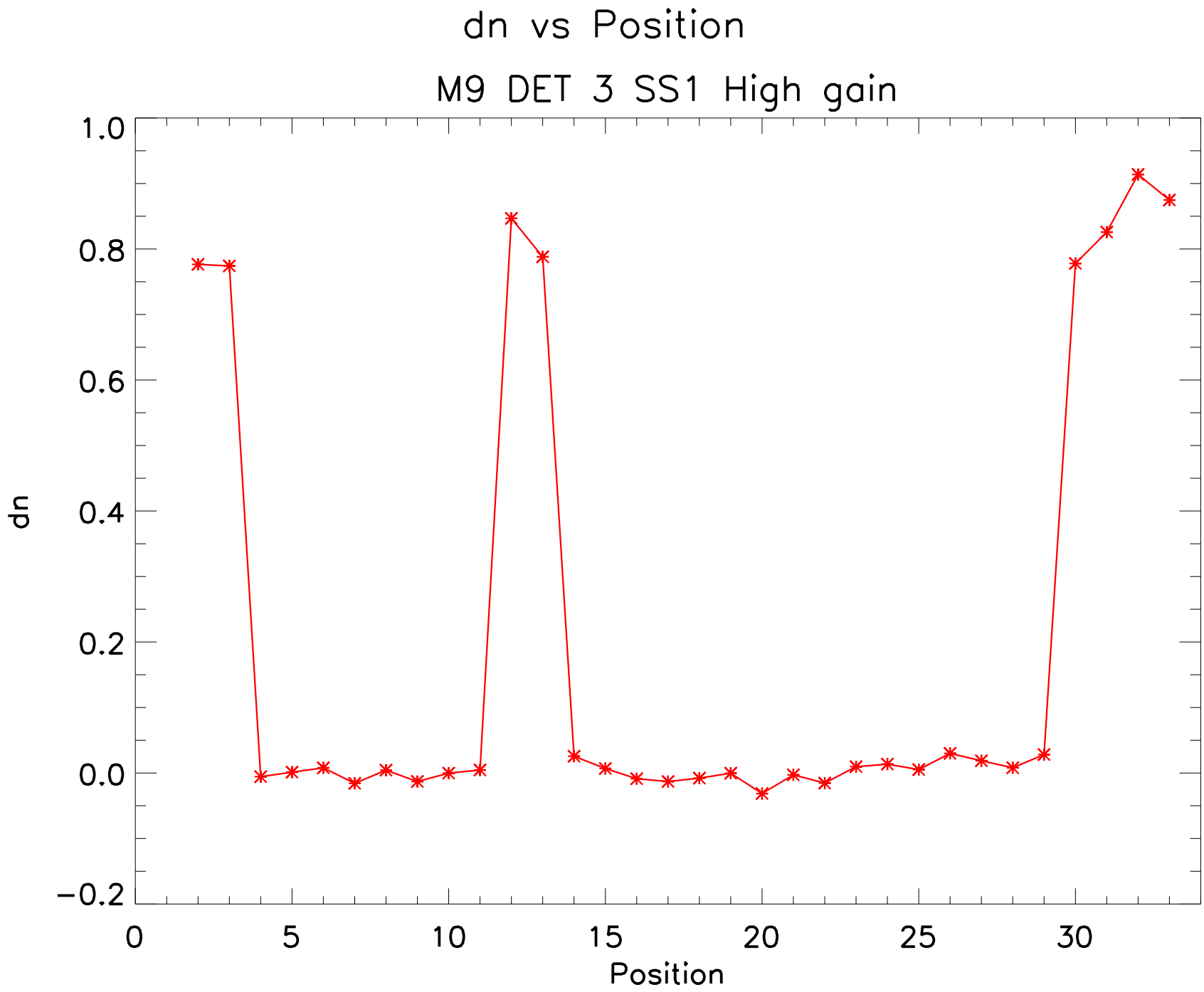
Position


dn vs Position
M9 DET 3 SS1 High gain
dn
Position
1.0
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0.6
0.4
0.2
0.0
−0.2
0
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25
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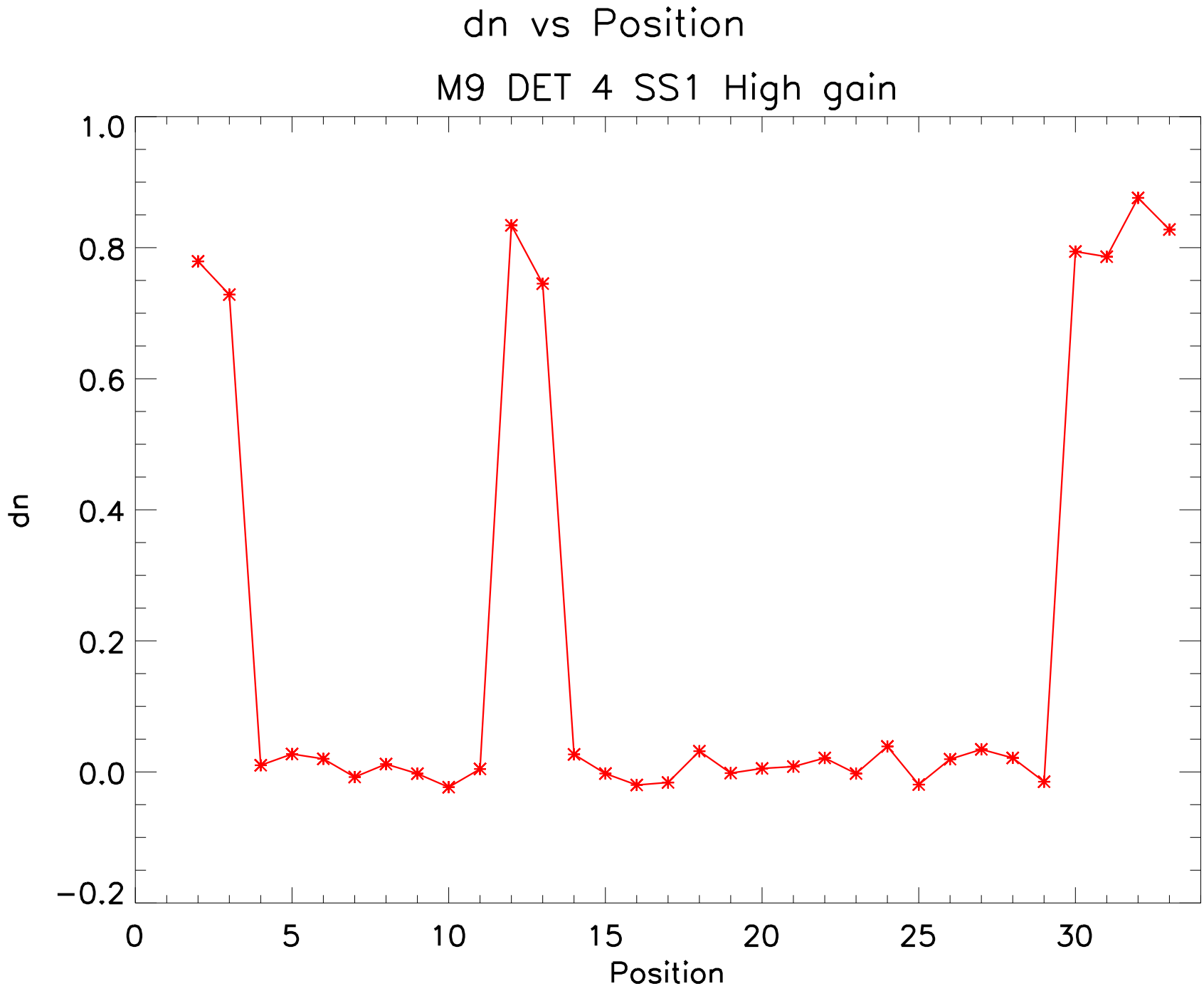
dn vs Position
M9 DET 4 SS1 High gain
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0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
5
10
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20
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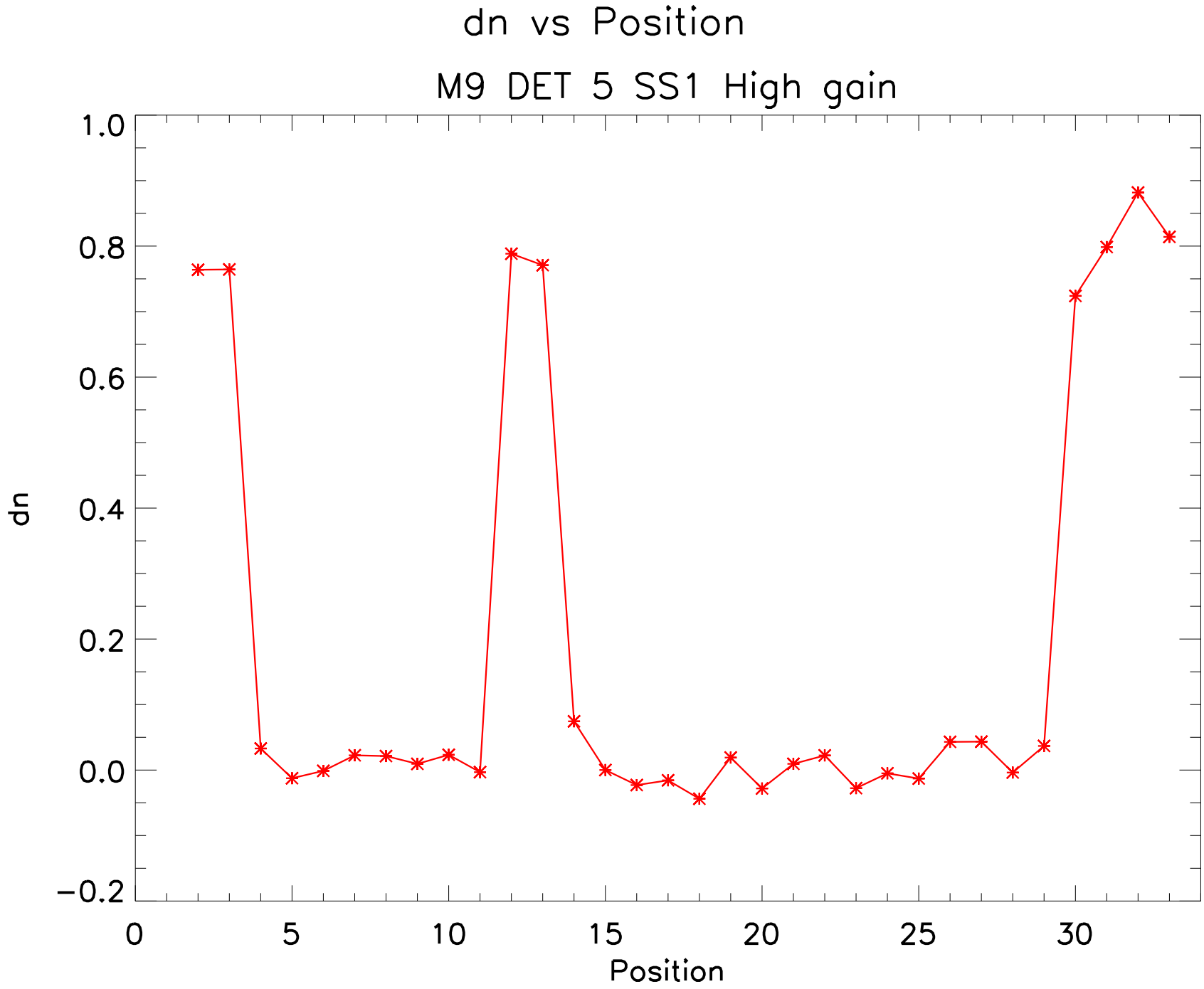
30
Position


dn vs Position
M9 DET 5 SS1 High gain
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0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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20
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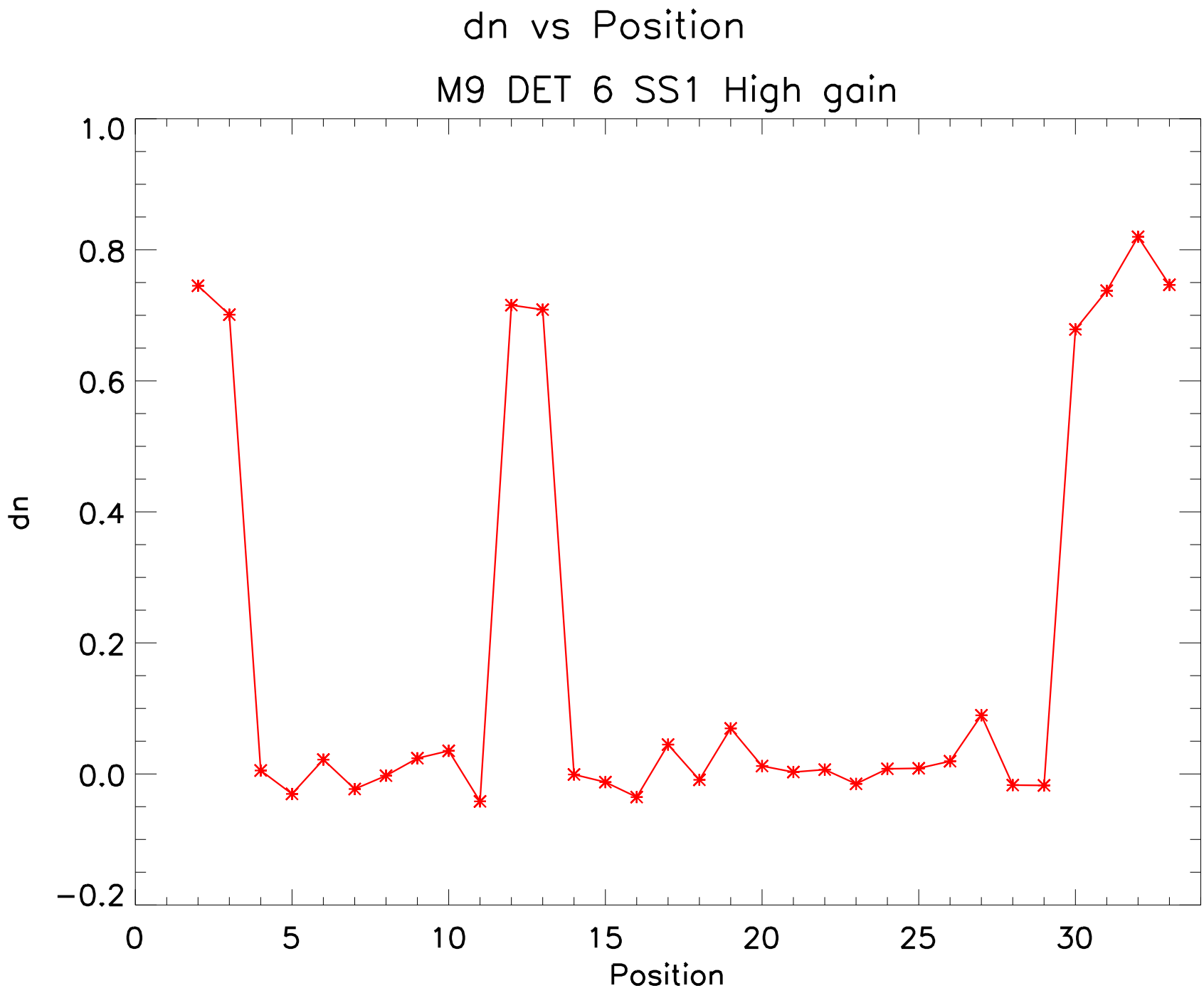
Position


dn vs Position
M9 DET 6 SS1 High gain
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0.8
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0.4
0.2
0.0
−0.2
dn
0
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10
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20
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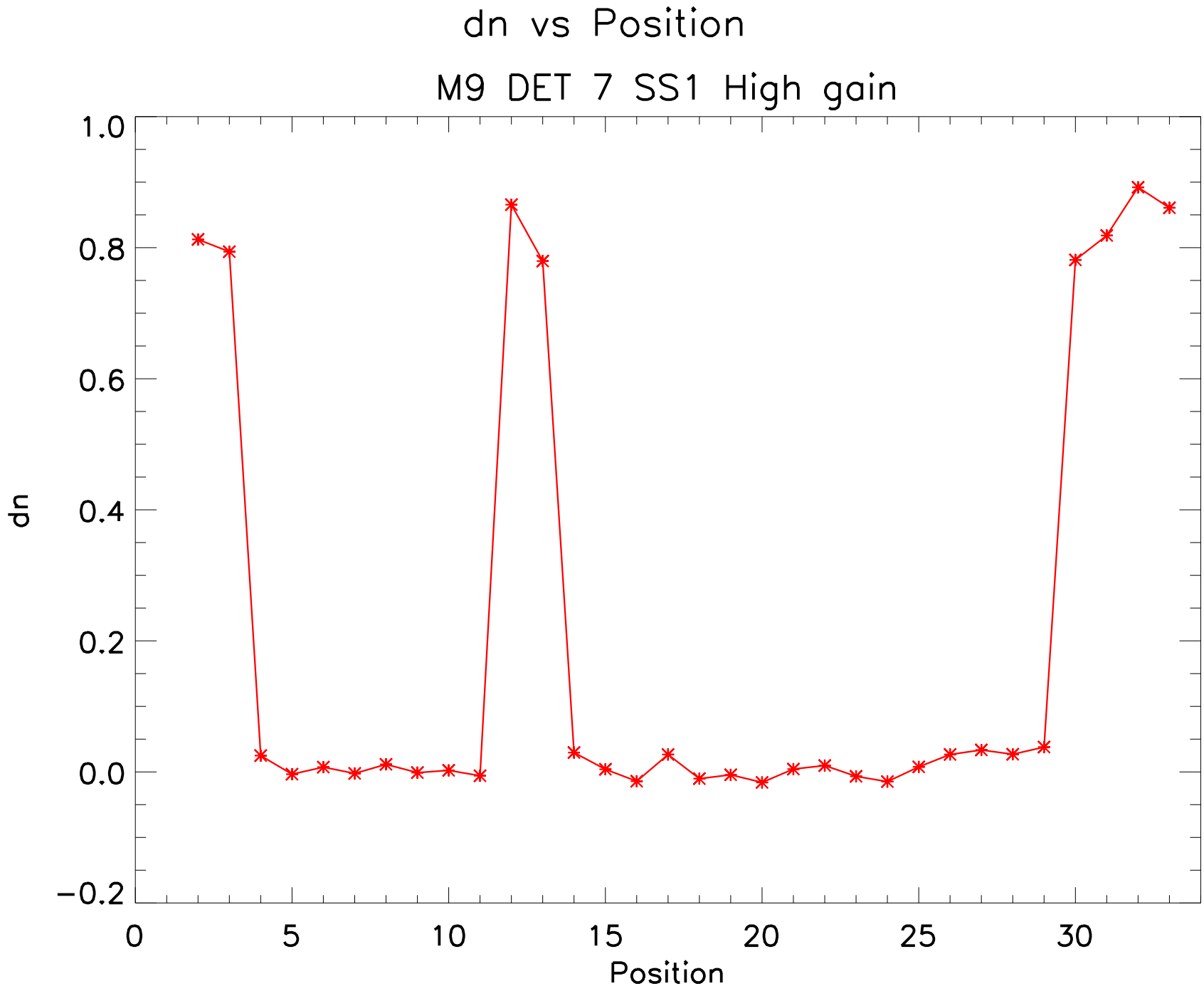
30
Position


dn vs Position
M9 DET 7 SS1 High gain
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0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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20
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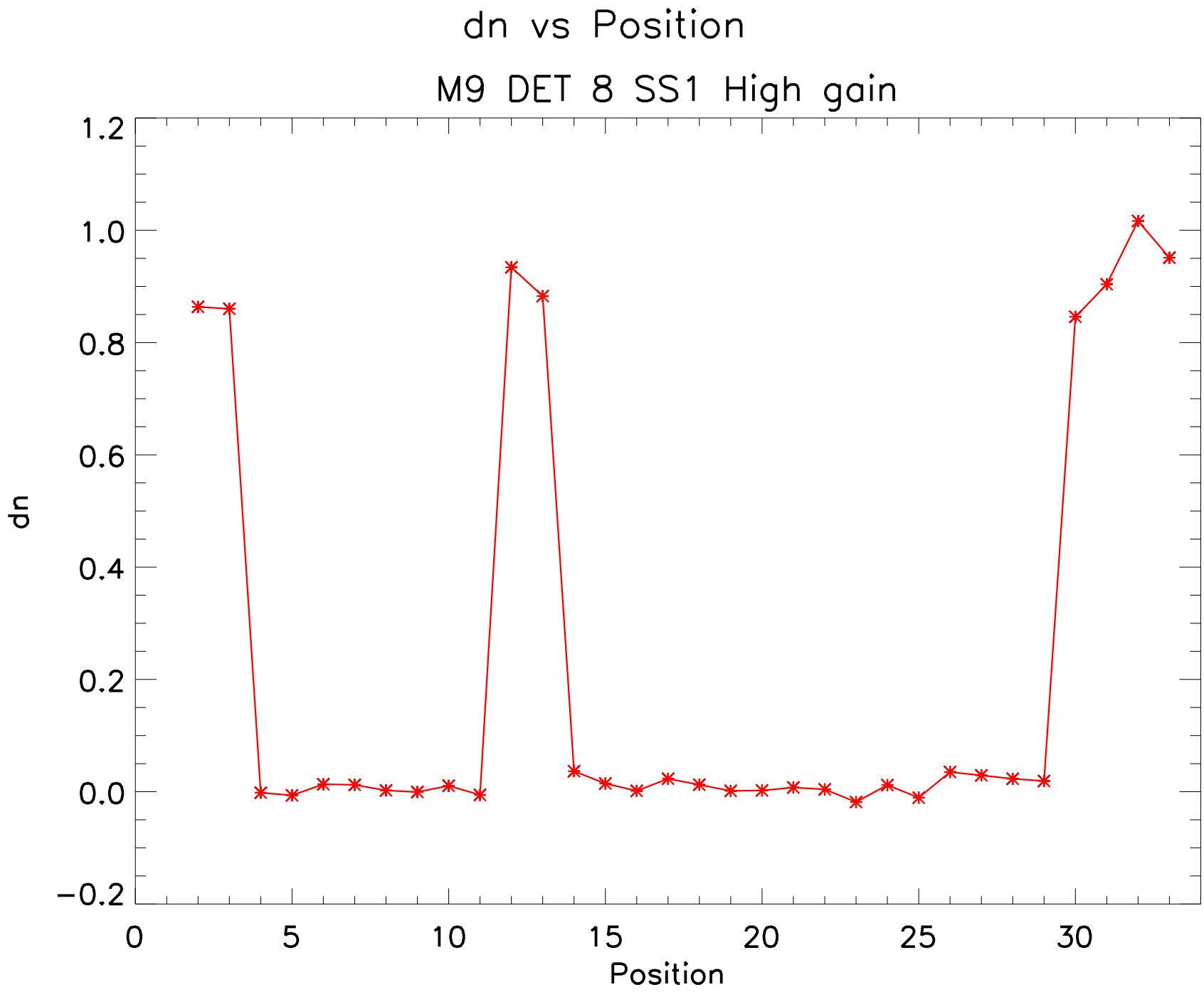
30
Position


dn vs Position
M9 DET 8 SS1 High gain
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
dn
0
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10
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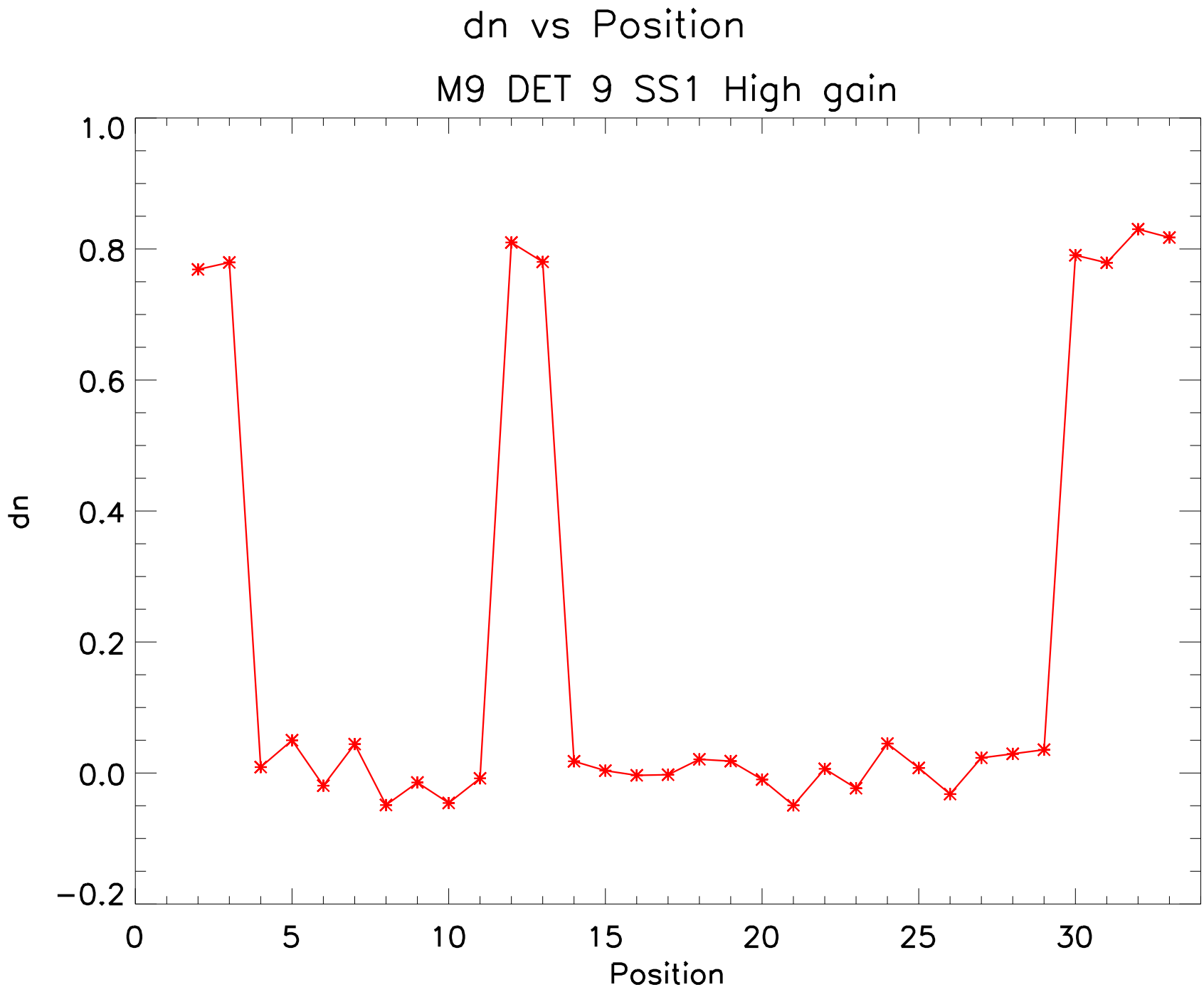
Position


dn vs Position
M9 DET 9 SS1 High gain
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0.4
0.2
0.0
−0.2
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0
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20
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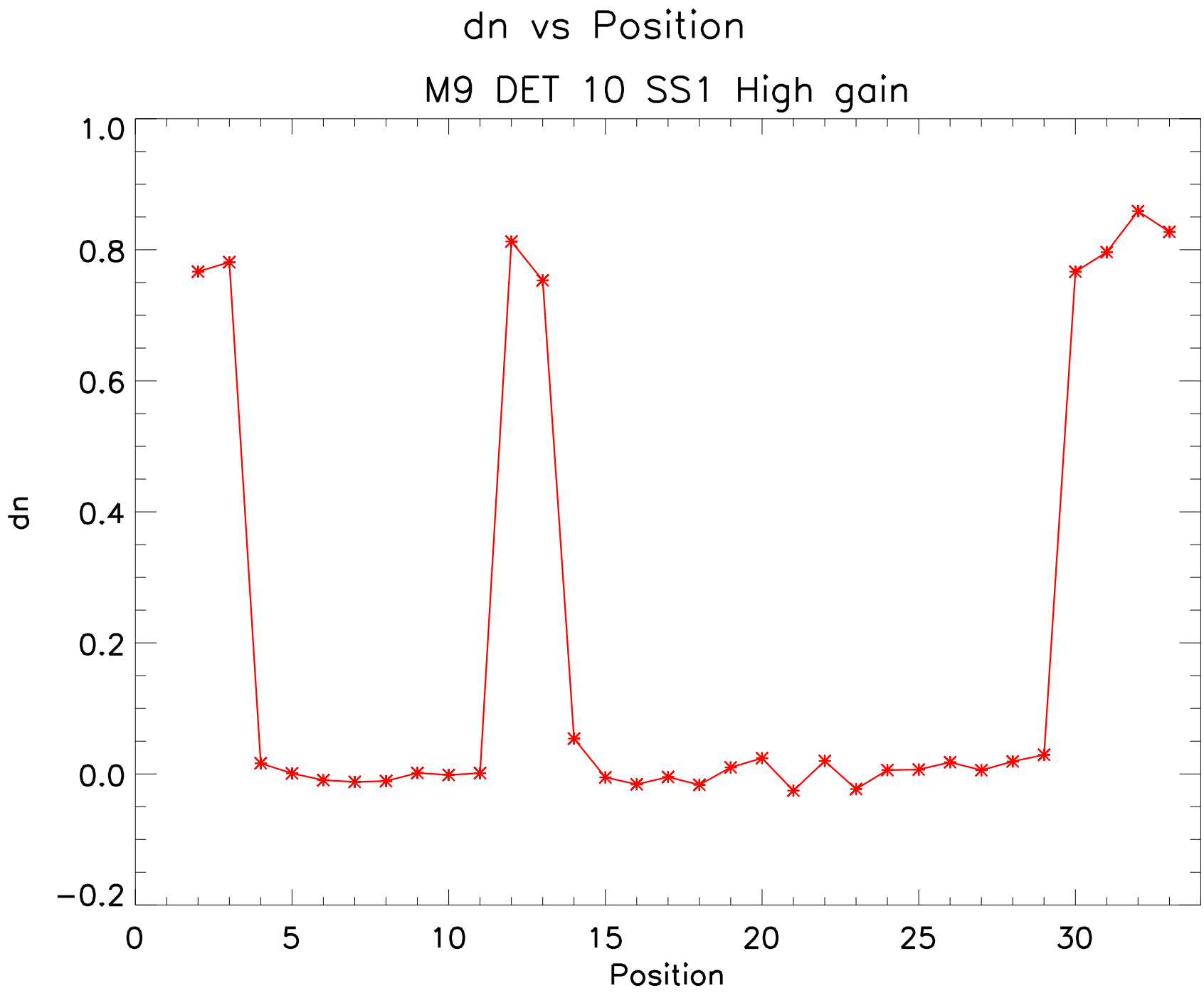
Position


dn vs Position
M9 DET 10 SS1 High gain
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0.4
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−0.2
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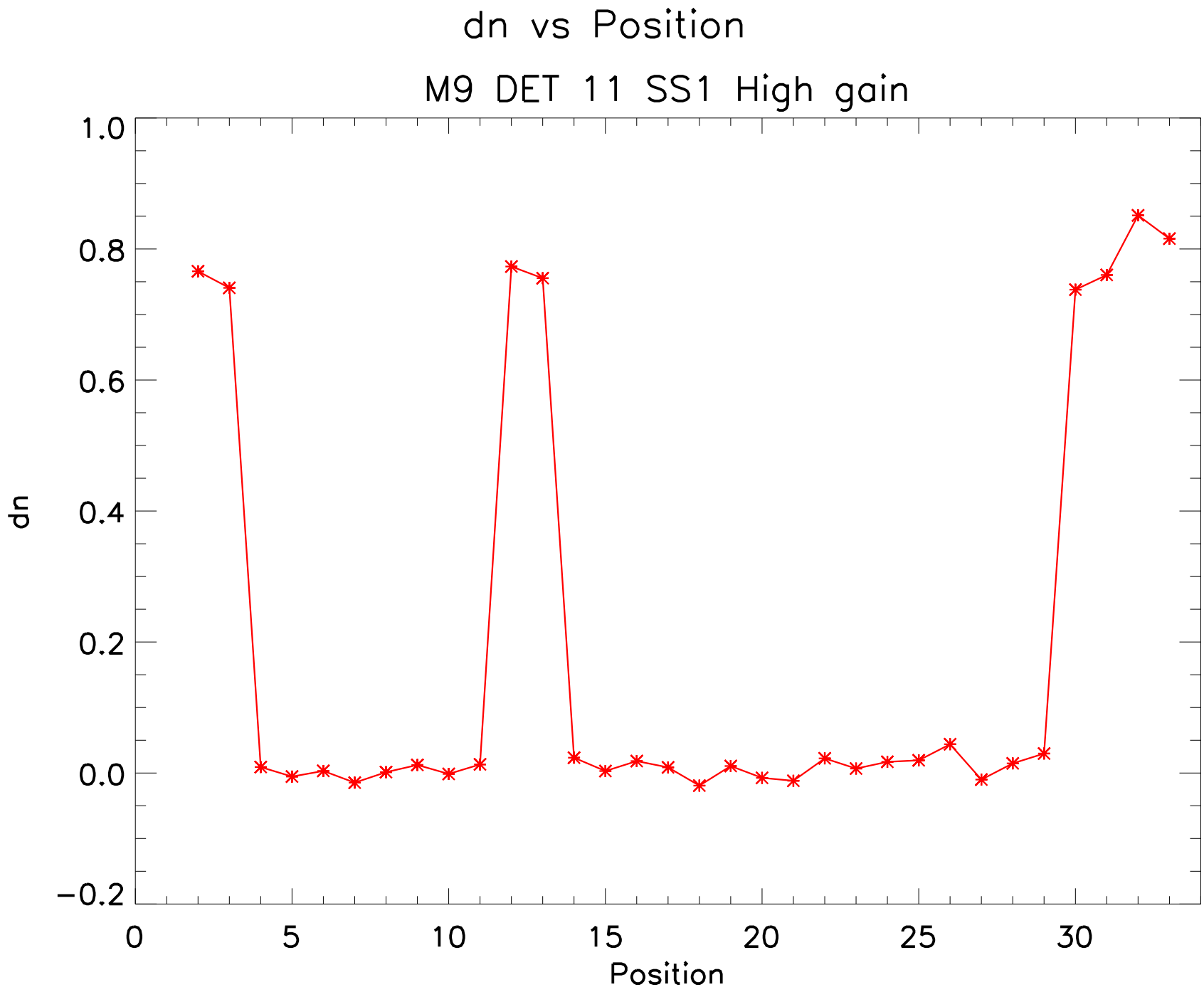
Position


dn vs Position
M9 DET 11 SS1 High gain
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0.4
0.2
0.0
−0.2
dn
0
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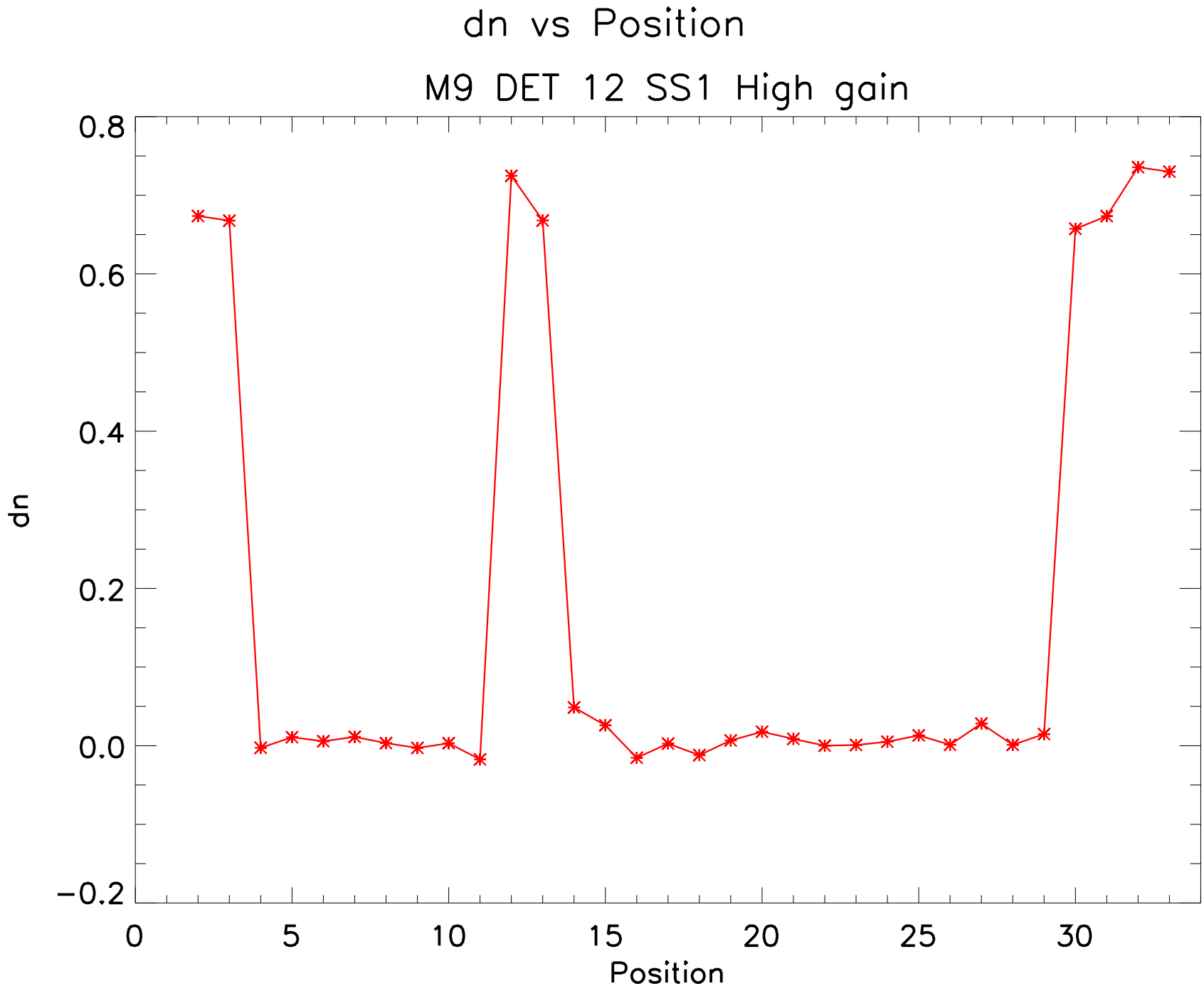
Position


dn vs Position
M9 DET 12 SS1 High gain
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0.4
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−0.2
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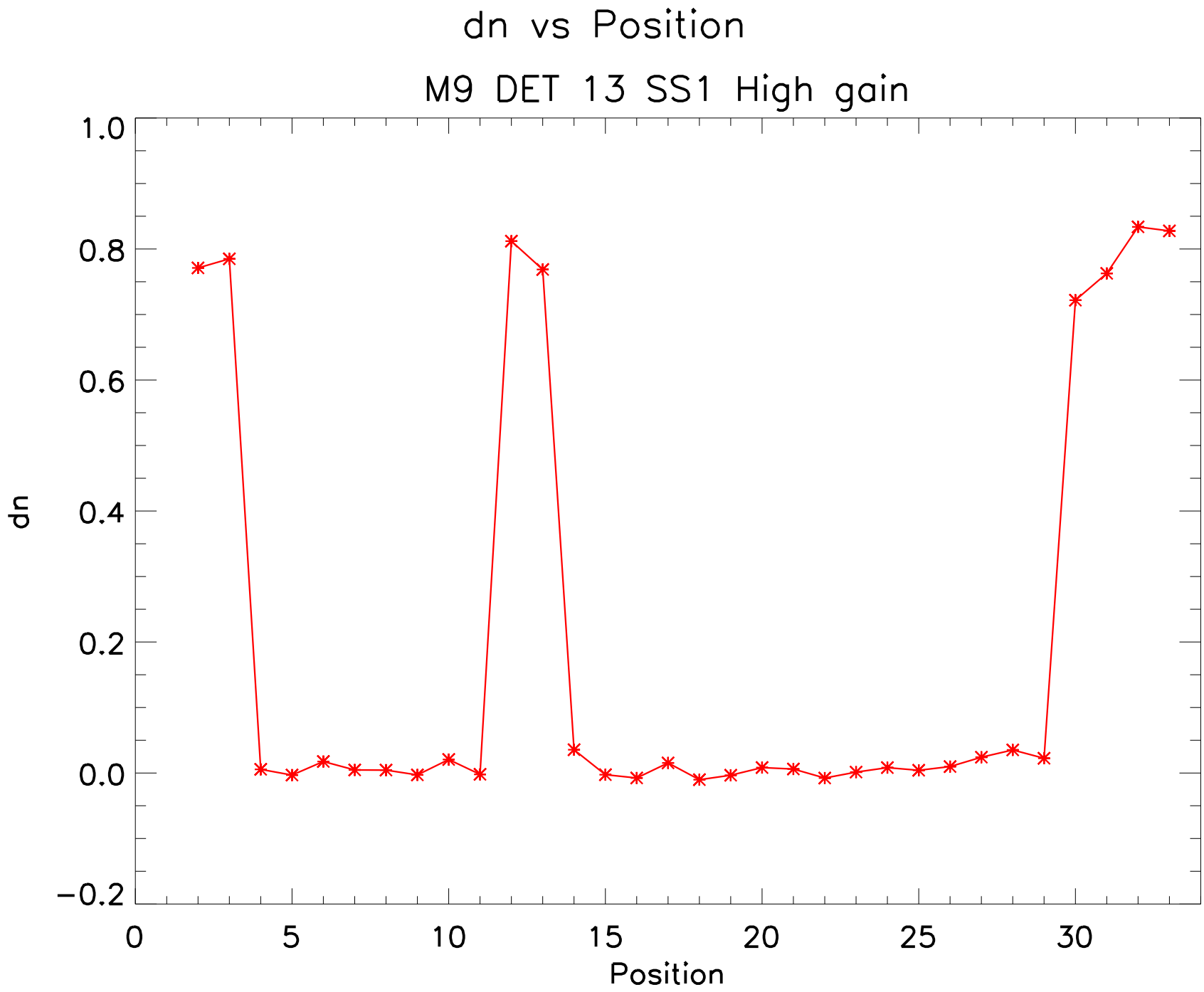
Position


dn vs Position
M9 DET 13 SS1 High gain
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0.4
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−0.2
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0
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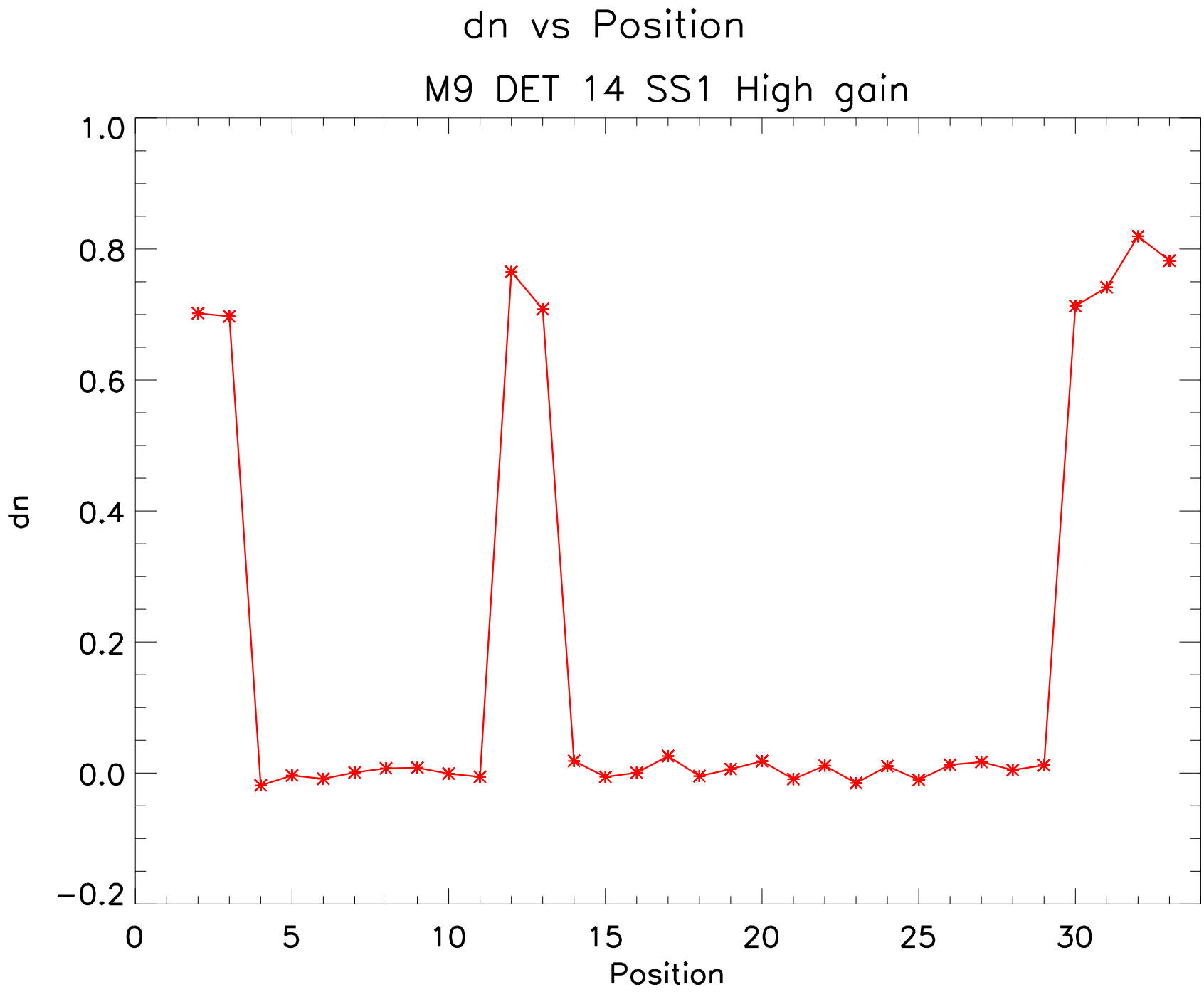
Position


dn vs Position
M9 DET 14 SS1 High gain
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0.4
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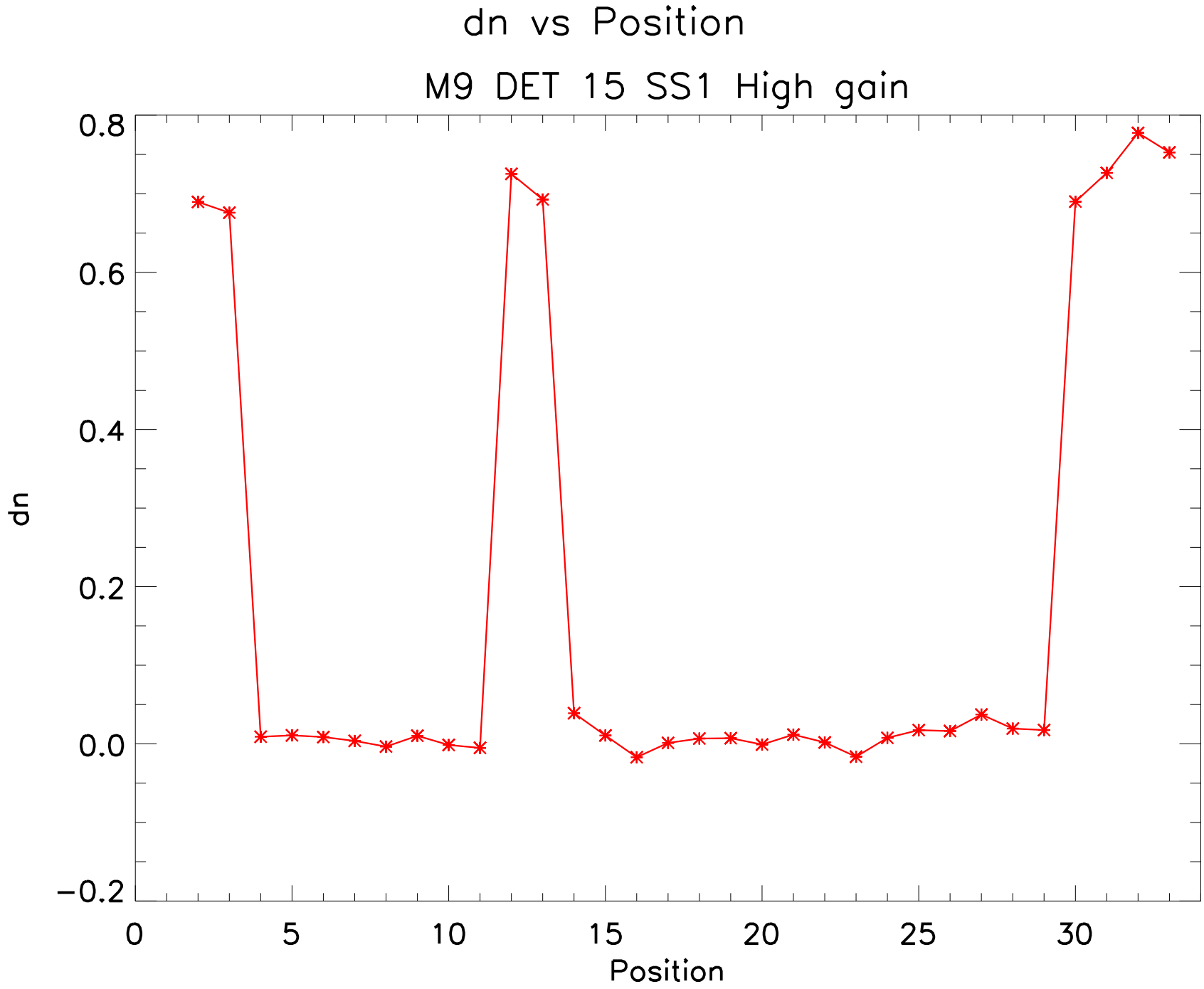
Position


dn vs Position
M9 DET 15 SS1 High gain
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0.4
0.2
0.0
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20
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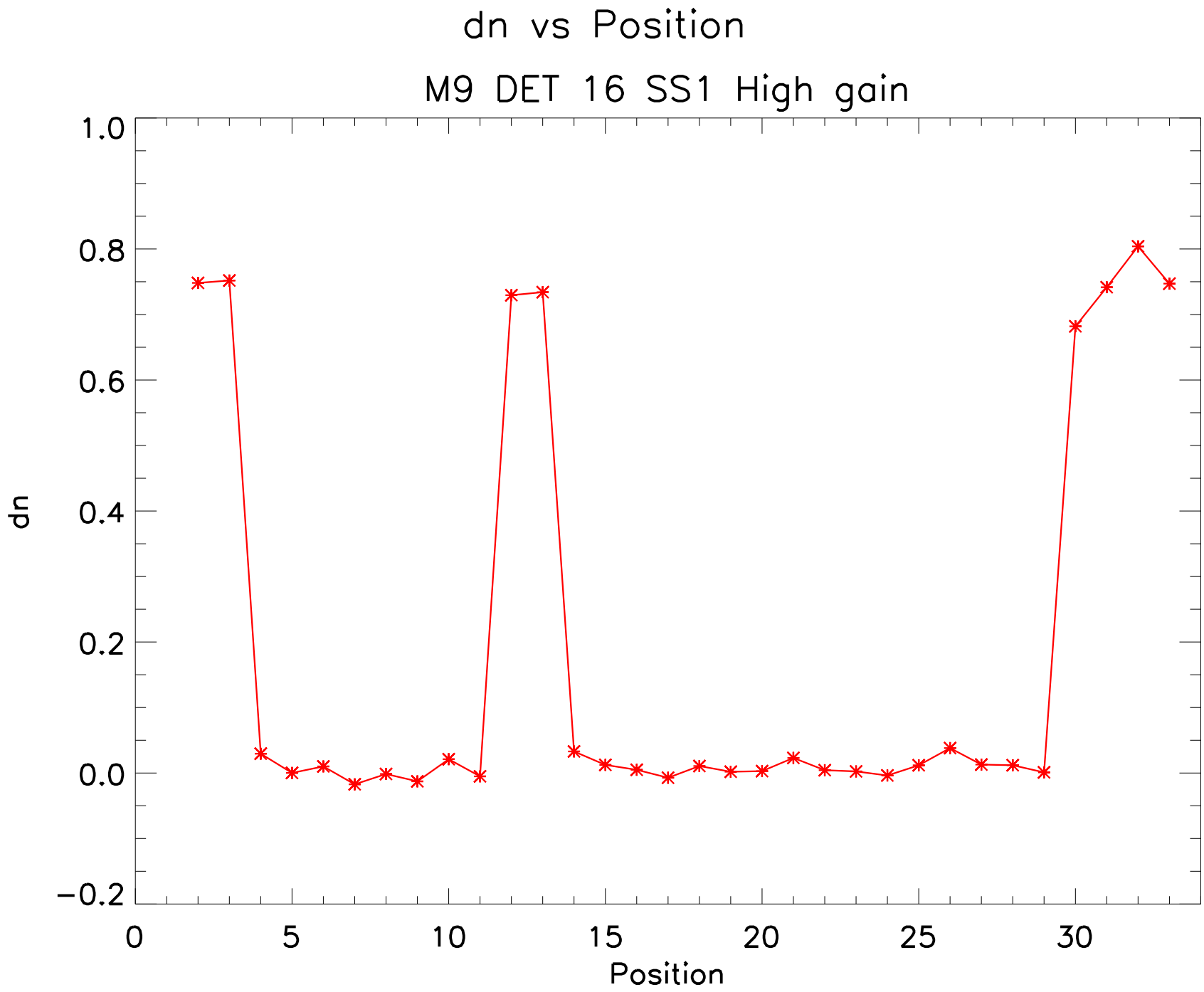
30
Position


dn vs Position
M9 DET 16 SS1 High gain
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0.4
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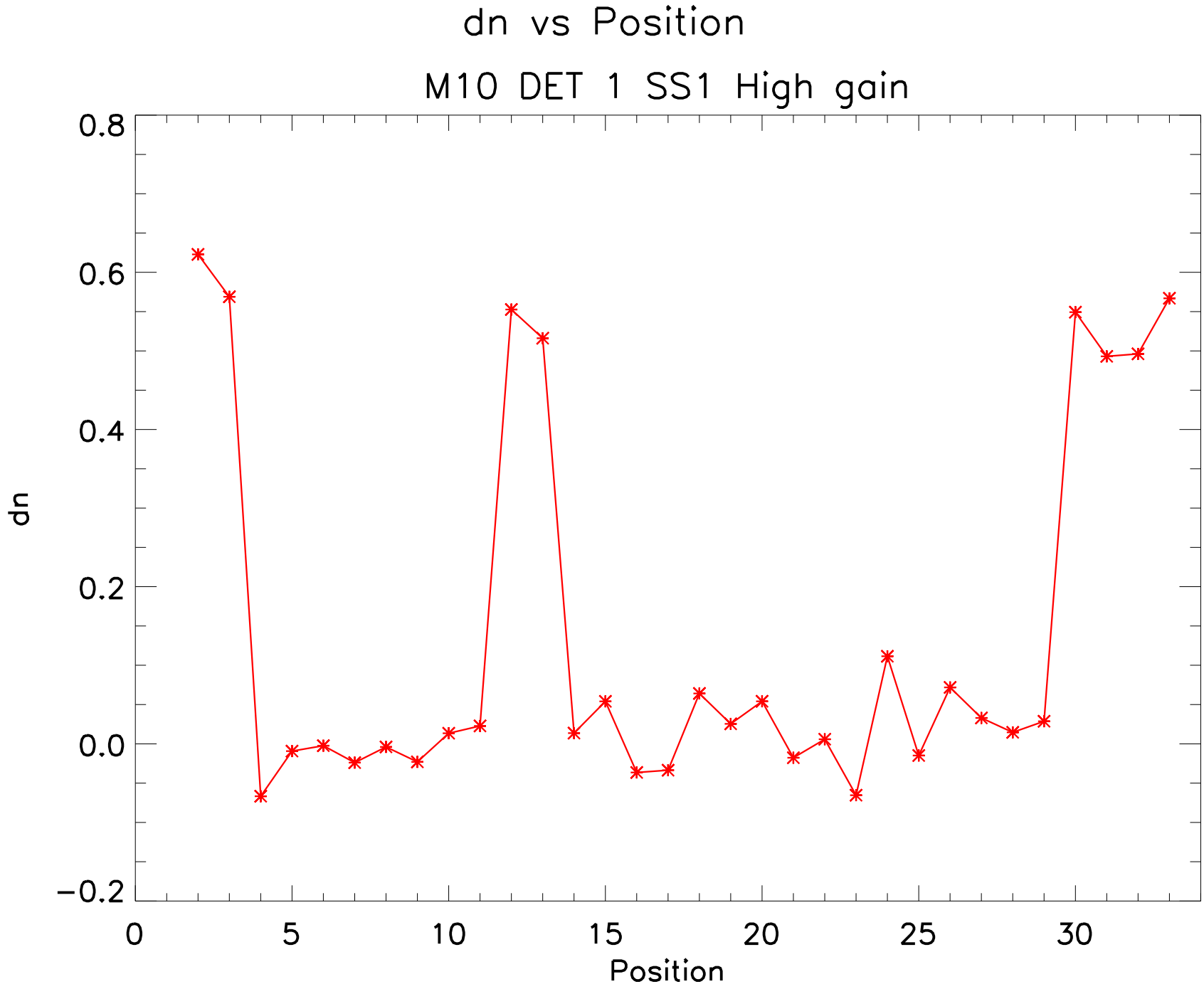
Position


dn vs Position
M10 DET 1 SS1 High gain
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0.4
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−0.2
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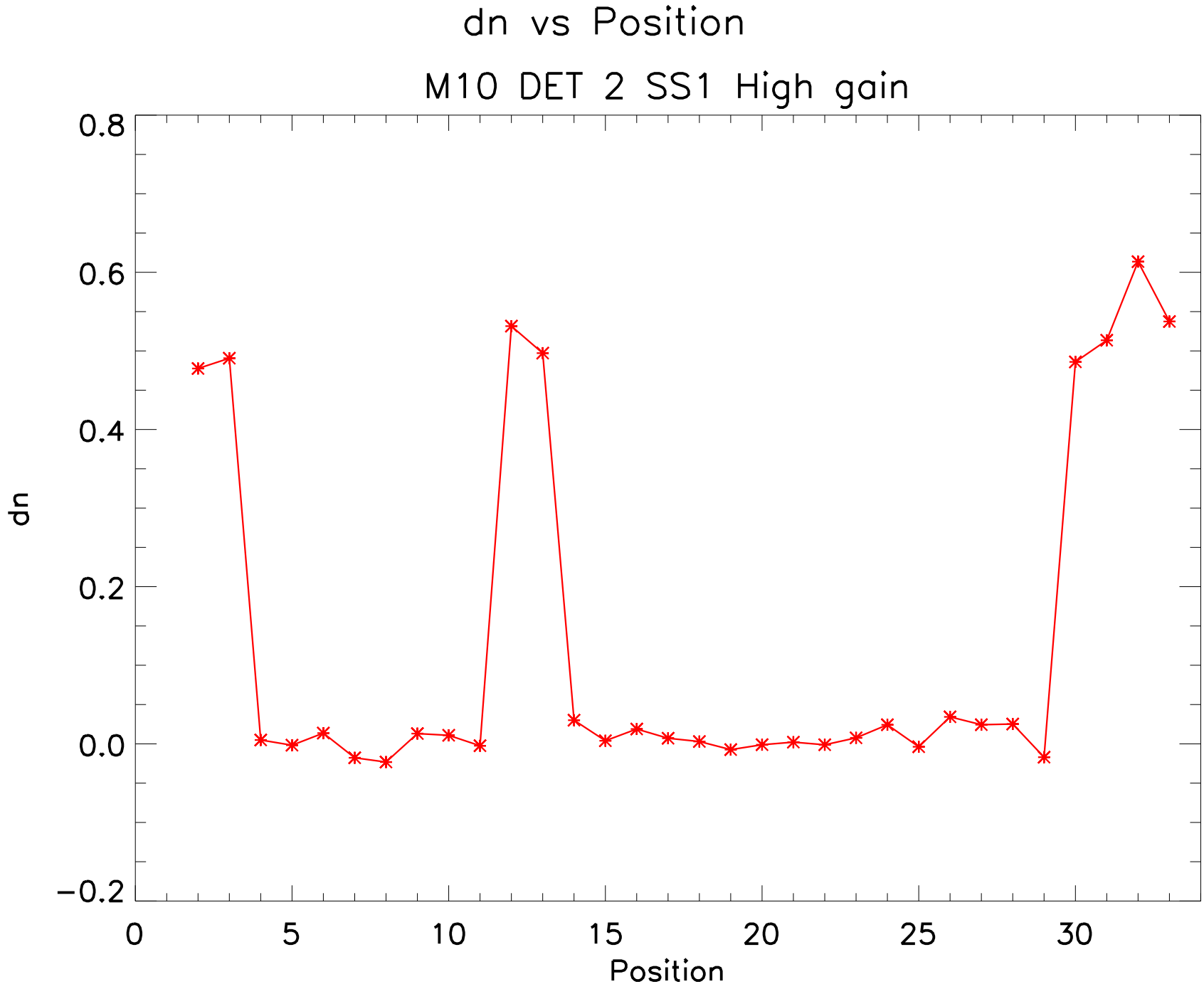
Position


dn vs Position
M10 DET 2 SS1 High gain
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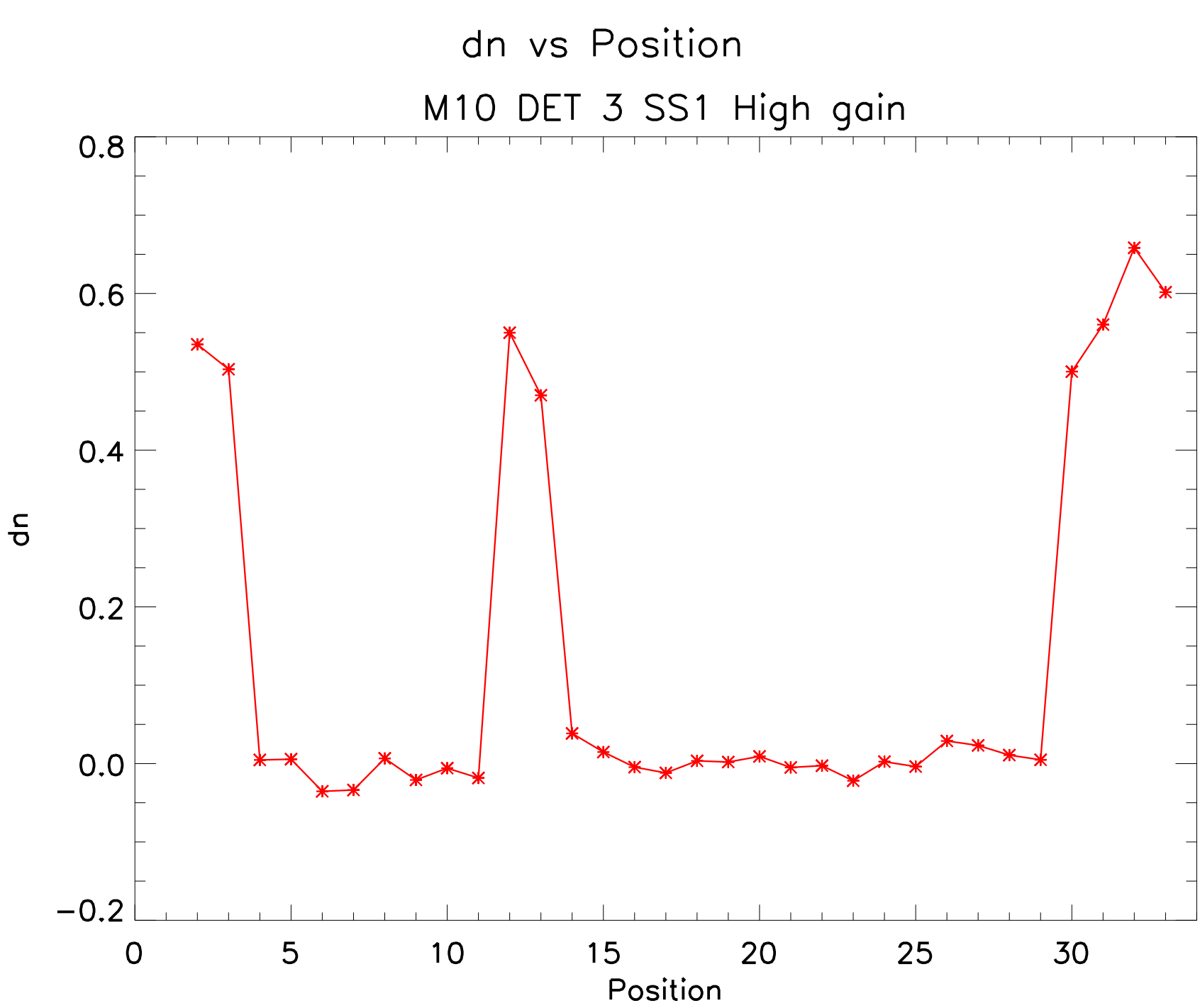
Position


dn vs Position
M10 DET 3 SS1 High gain
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0.4
0.2
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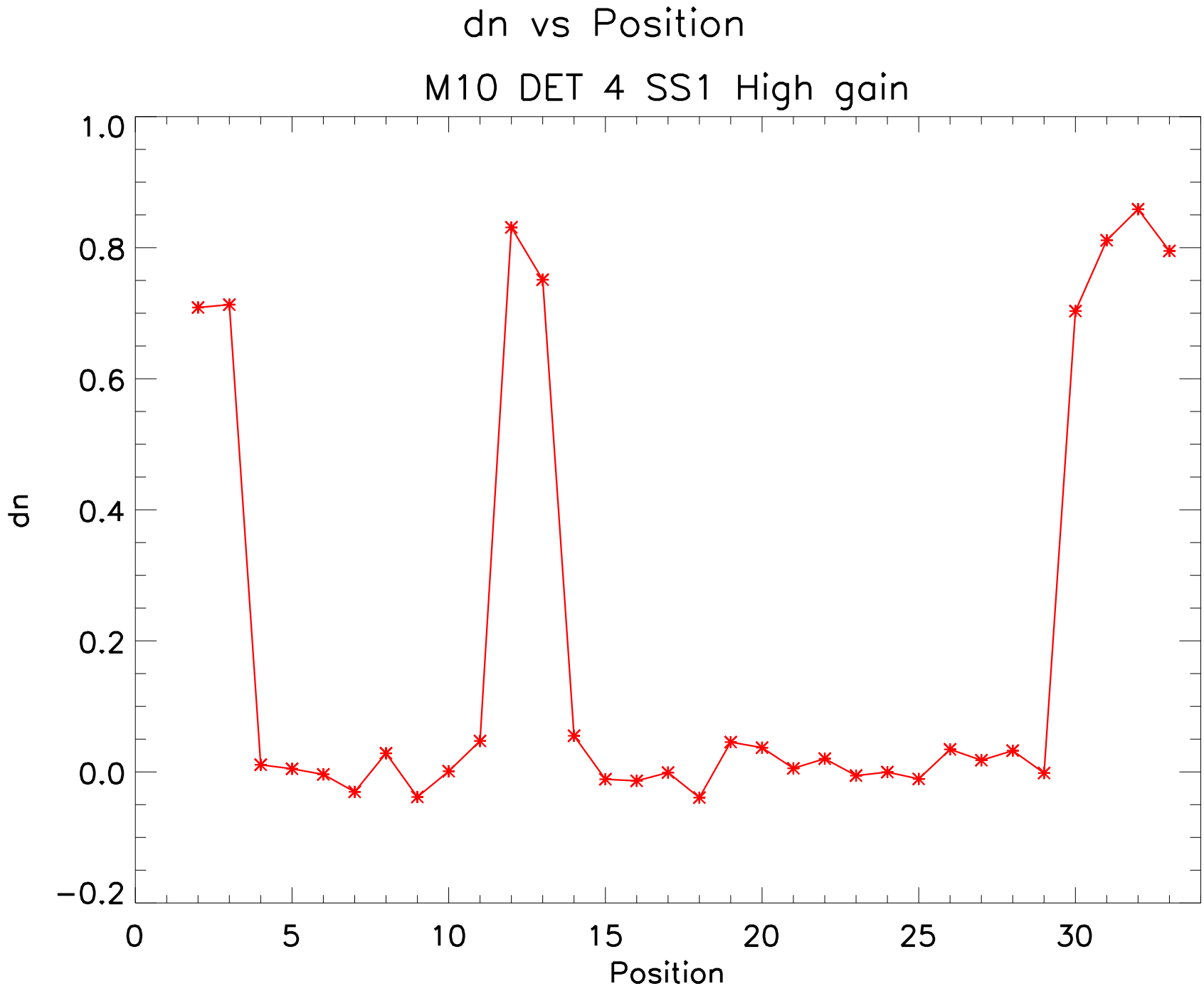
Position


dn vs Position
M10 DET 4 SS1 High gain
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0.4
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−0.2
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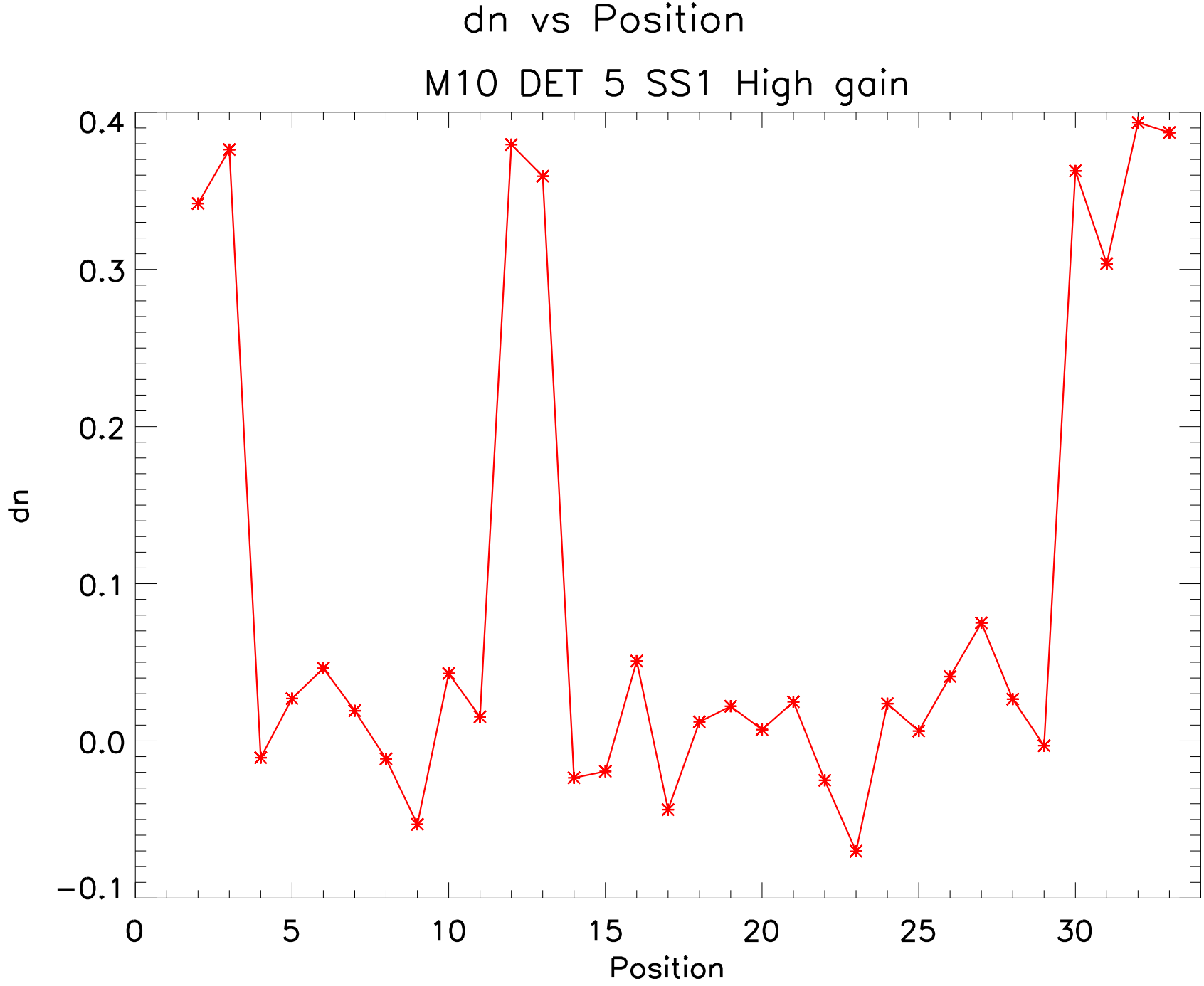
Position


dn vs Position
M10 DET 5 SS1 High gain
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0.2
0.1
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−0.1
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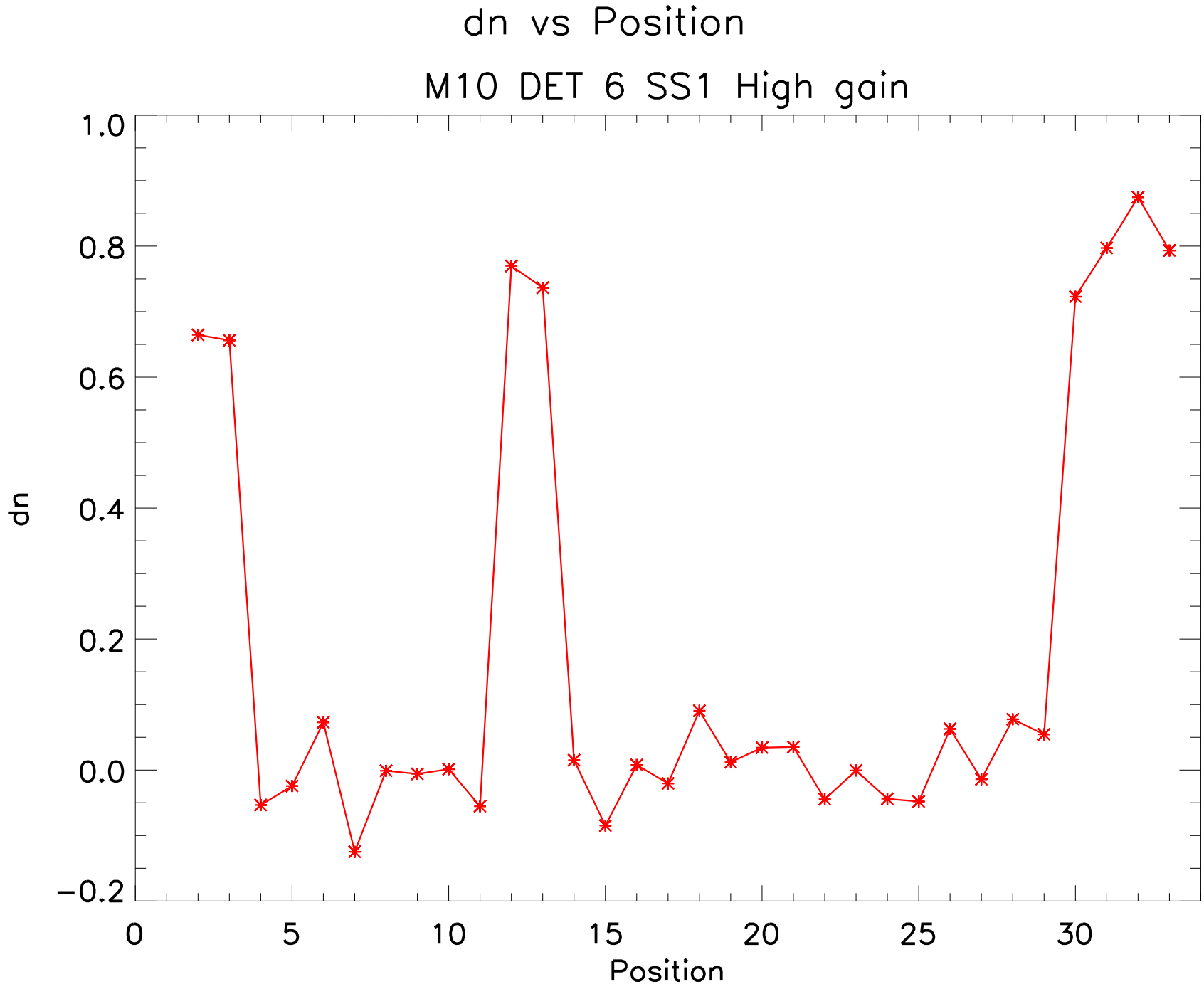
Position


dn vs Position
M10 DET 6 SS1 High gain
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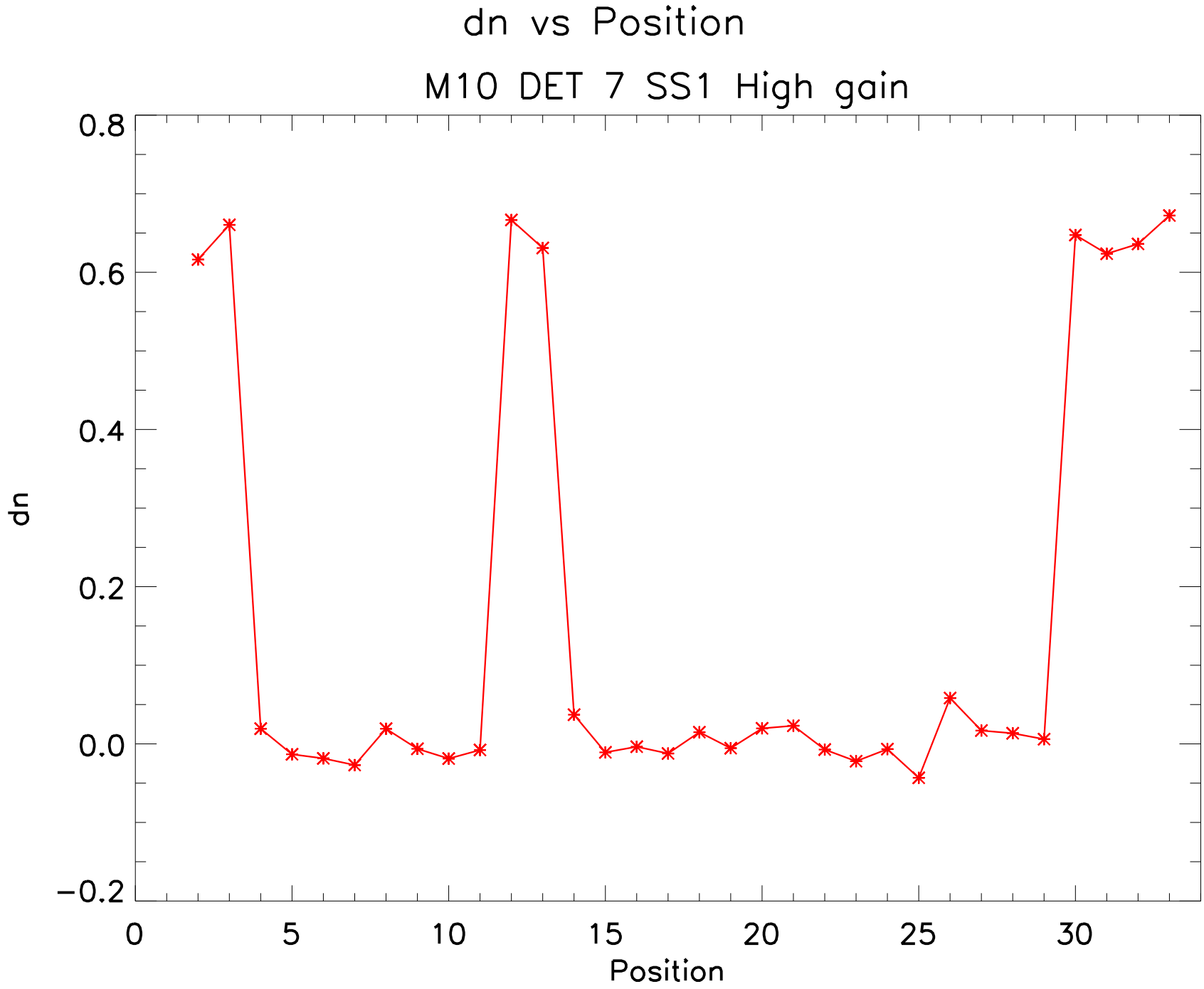
Position


dn vs Position
M10 DET 7 SS1 High gain
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0.4
0.2
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−0.2
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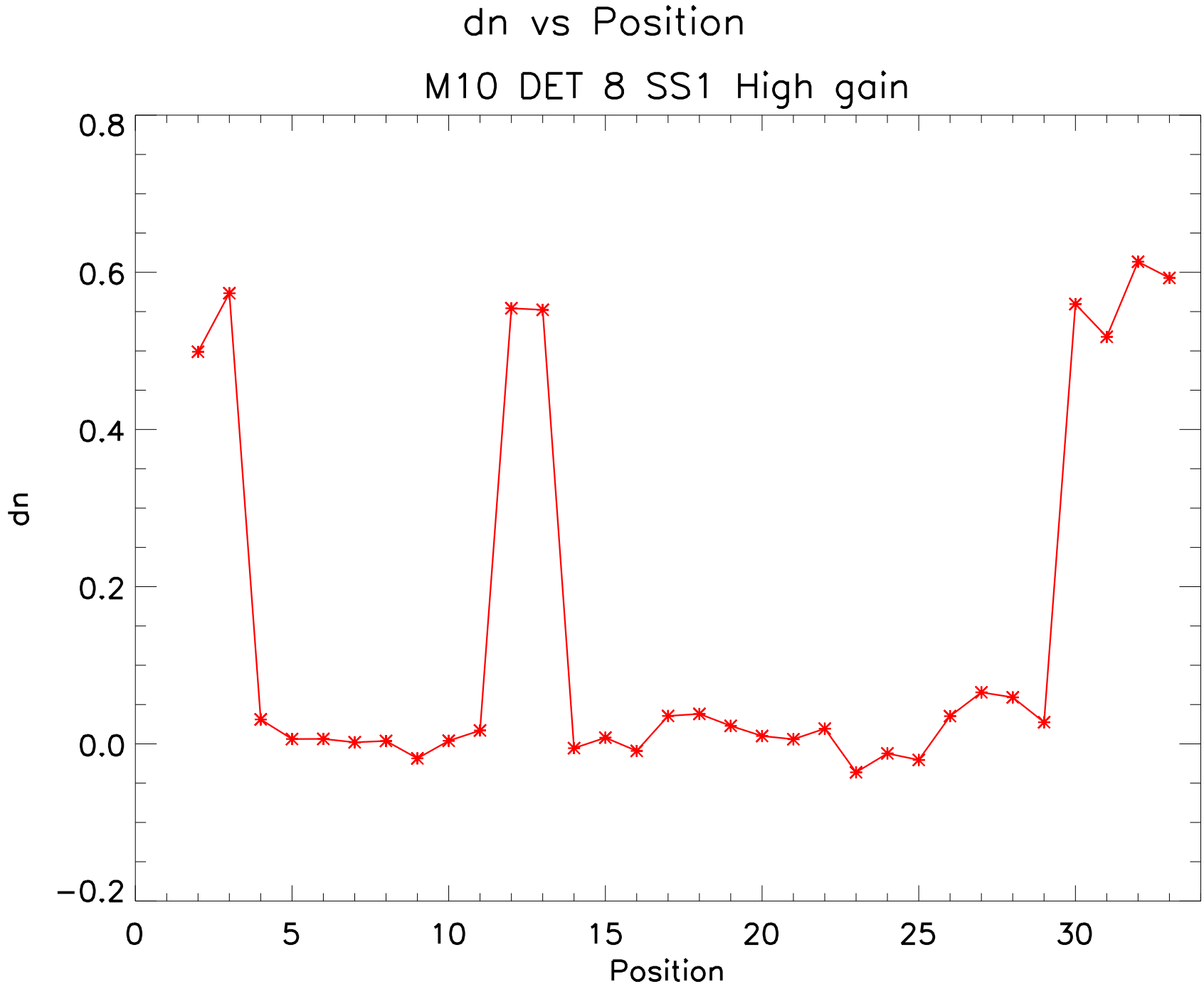
Position


dn vs Position
M10 DET 8 SS1 High gain
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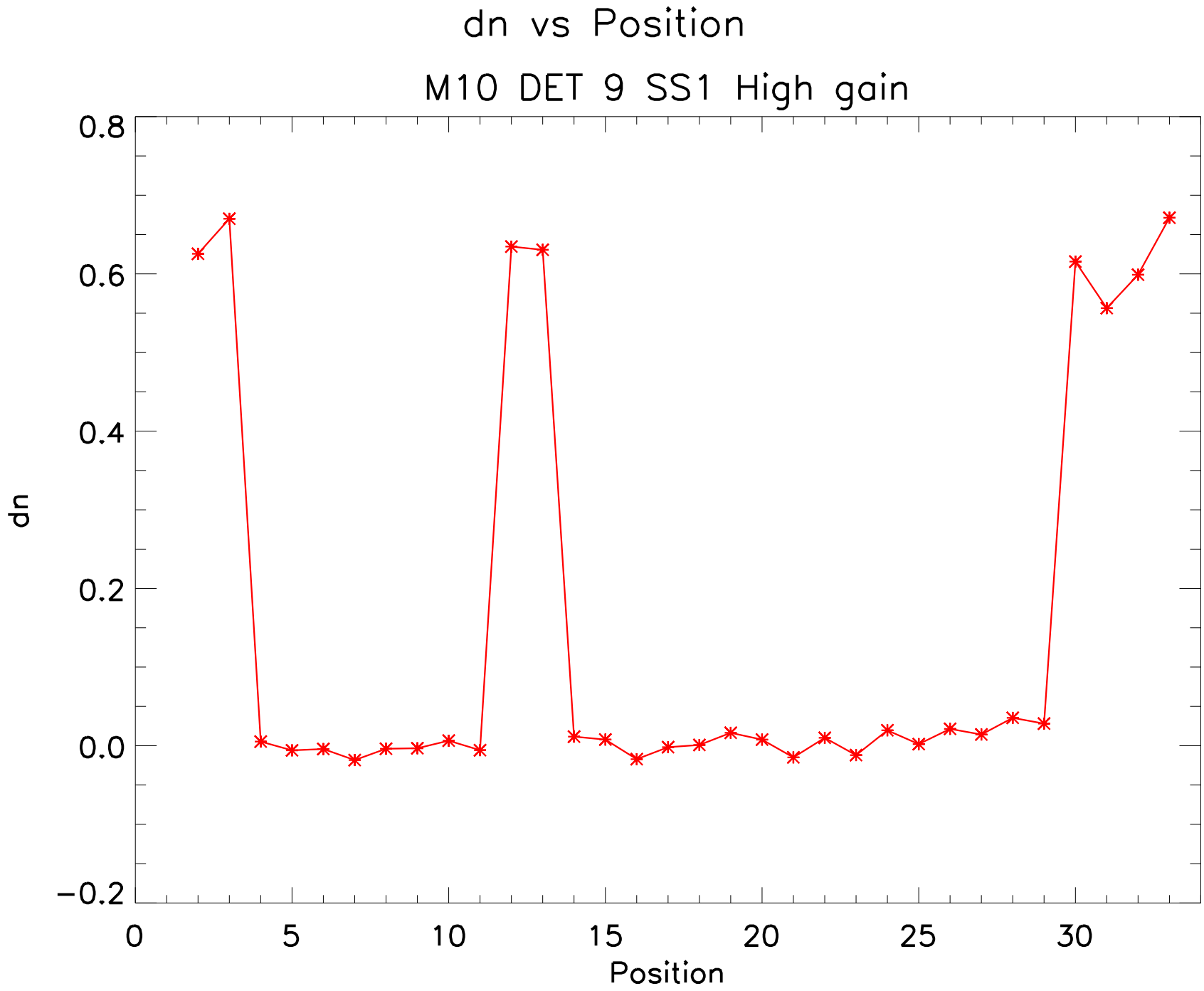
Position


dn vs Position
M10 DET 9 SS1 High gain
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−0.2
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20
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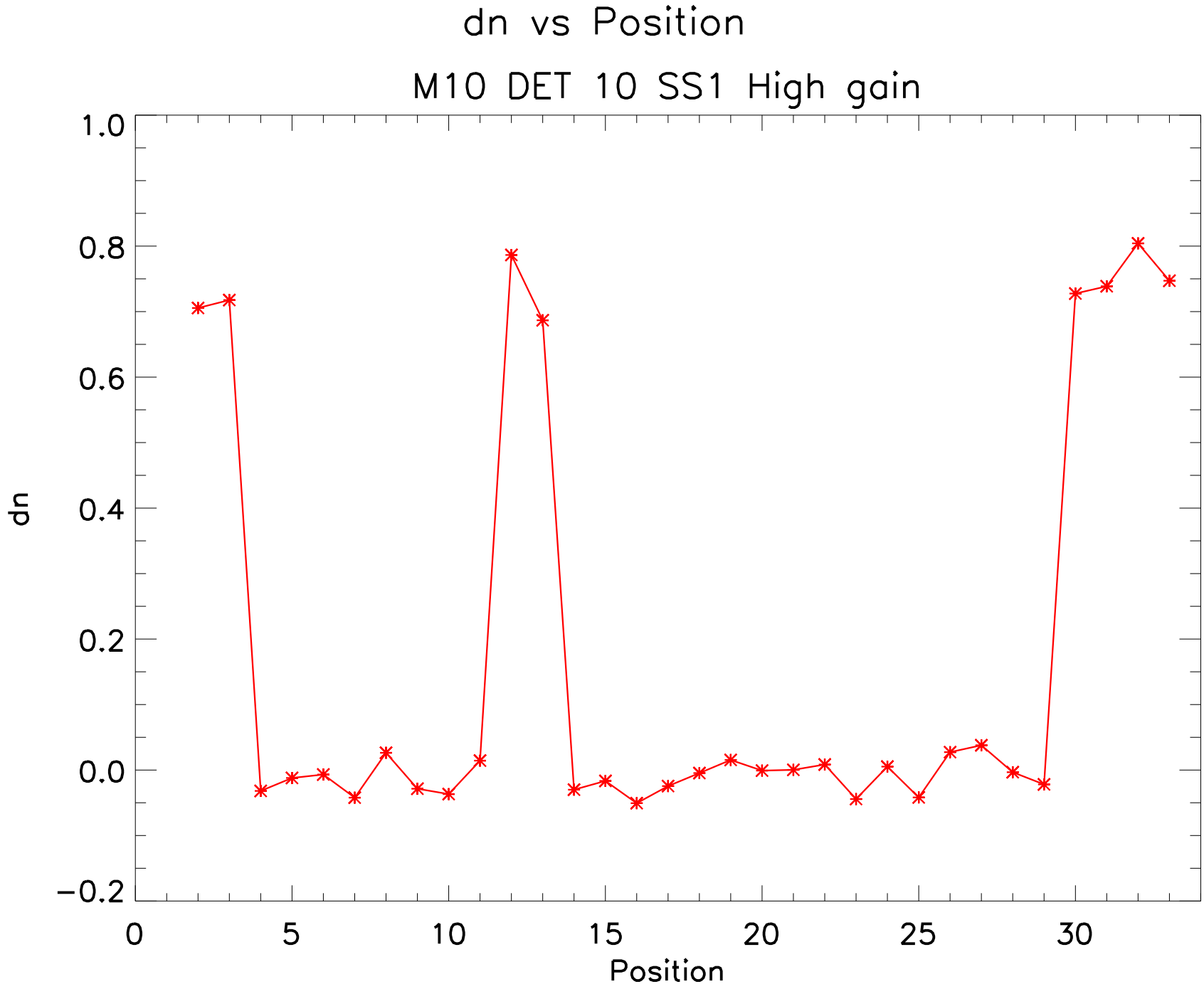
Position


dn vs Position
M10 DET 10 SS1 High gain
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0.4
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−0.2
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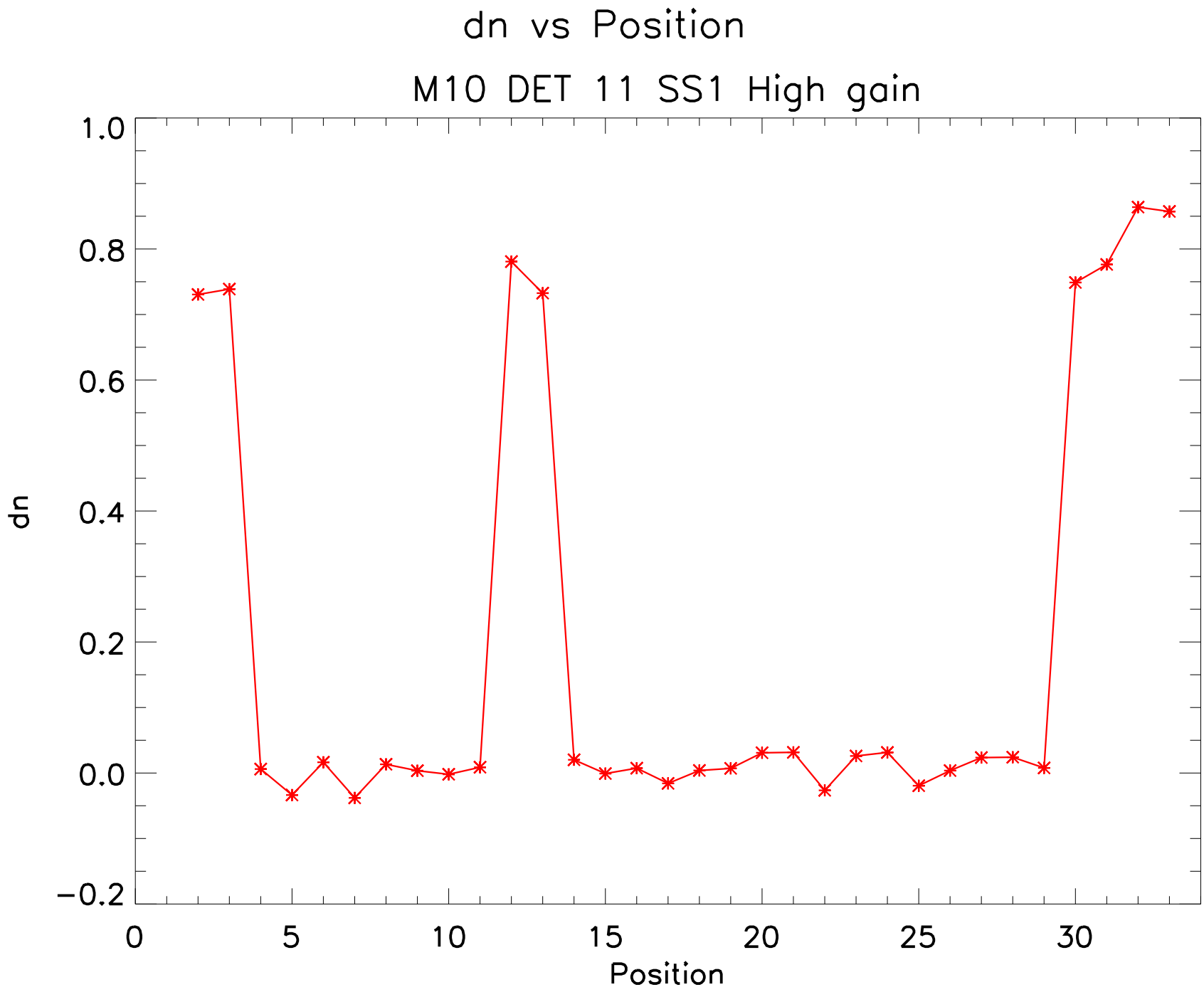
Position


dn vs Position
M10 DET 11 SS1 High gain
dn
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0.4
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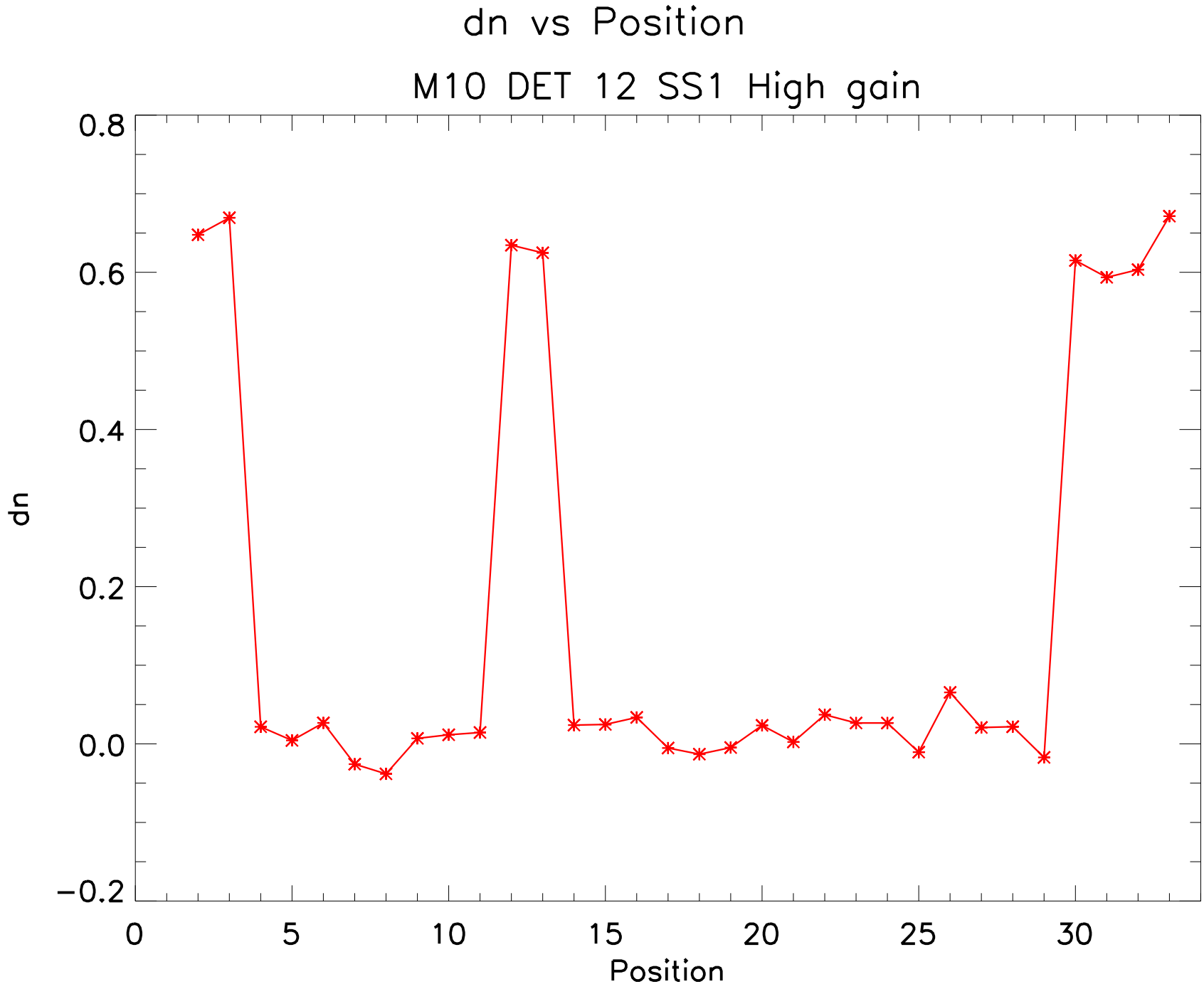
Position


dn vs Position
M10 DET 12 SS1 High gain
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0.4
0.2
0.0
−0.2
dn
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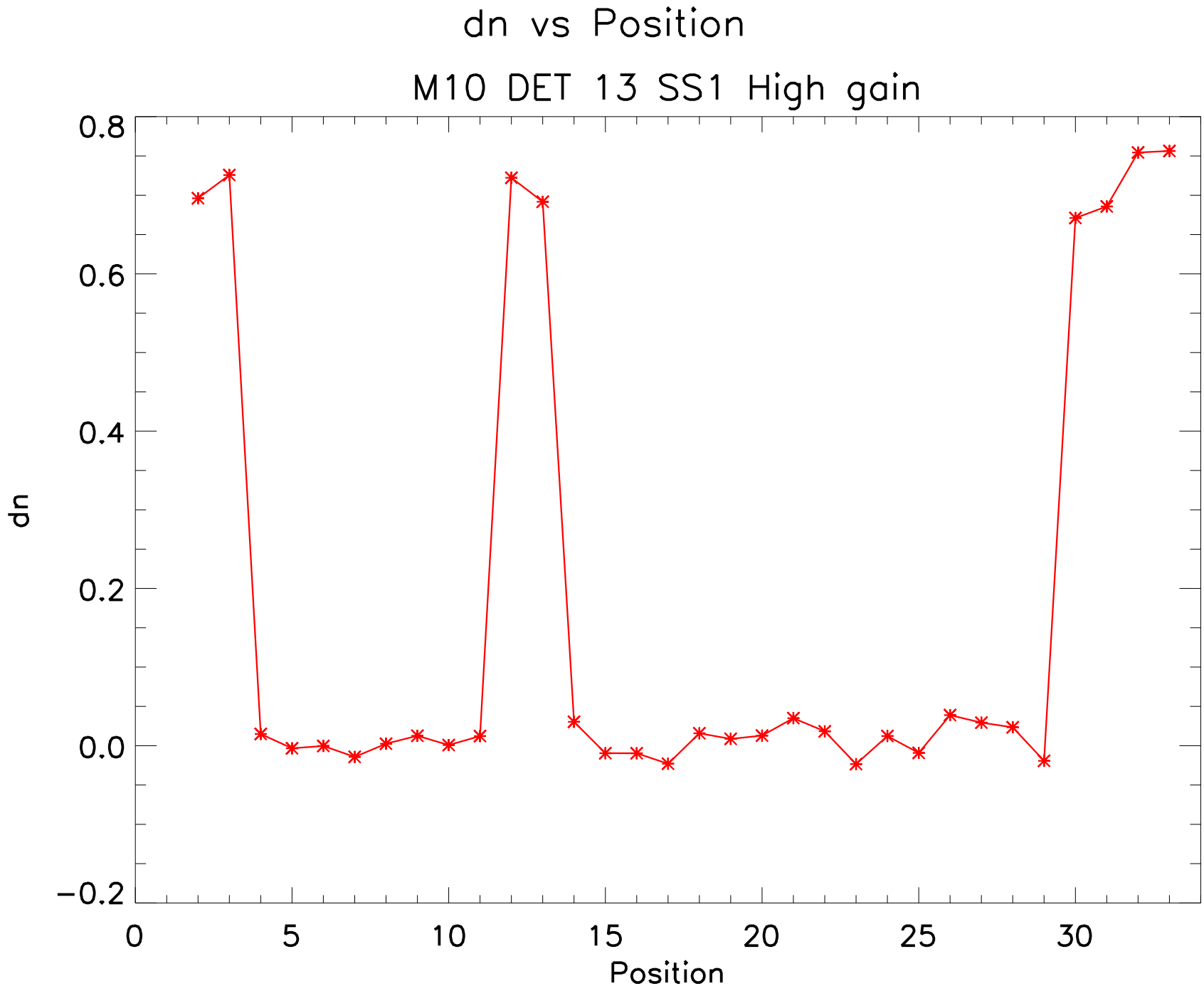
Position


dn vs Position
M10 DET 13 SS1 High gain
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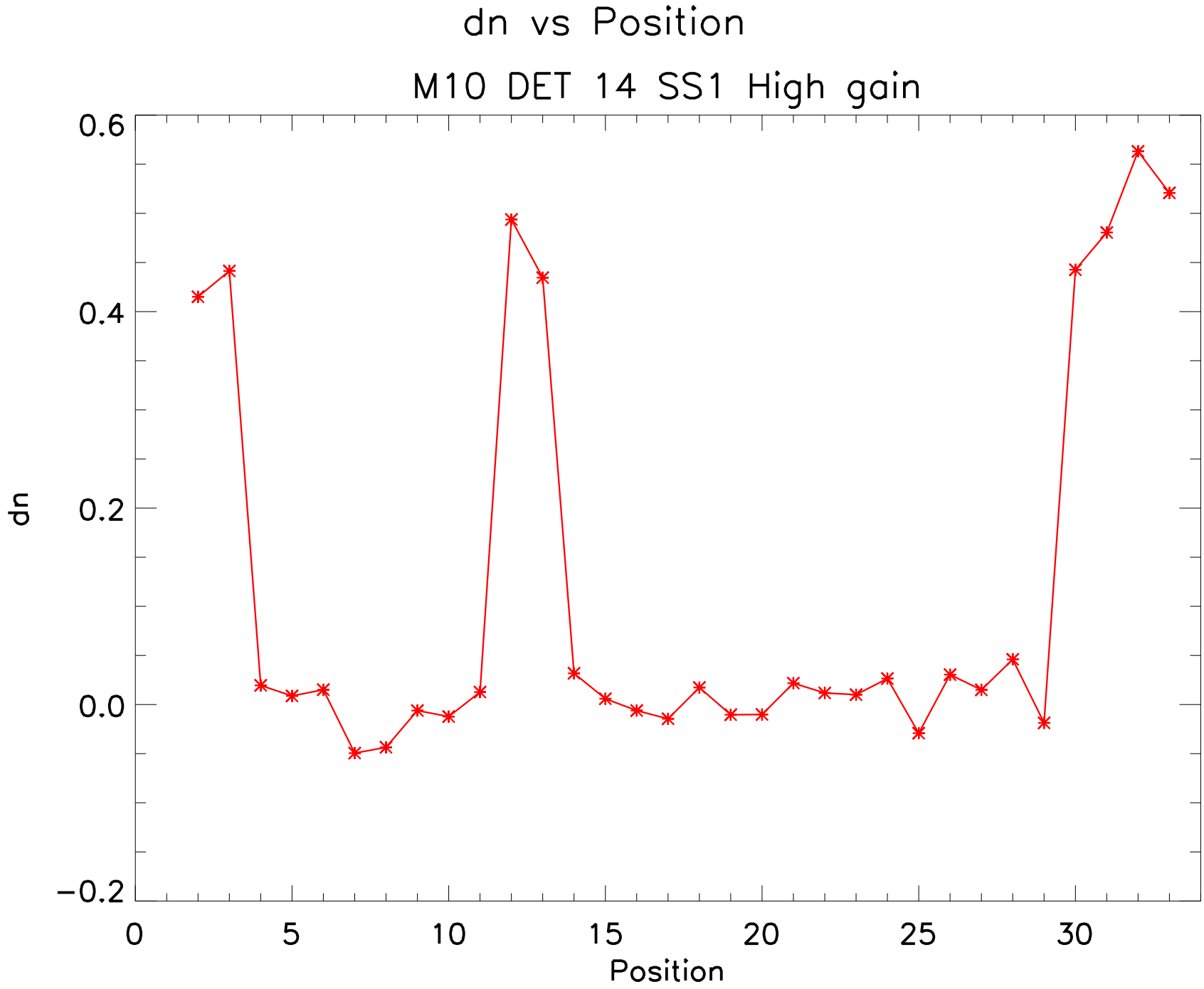
Position


dn vs Position
M10 DET 14 SS1 High gain
dn
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0.4
0.2
0.0
−0.2
0
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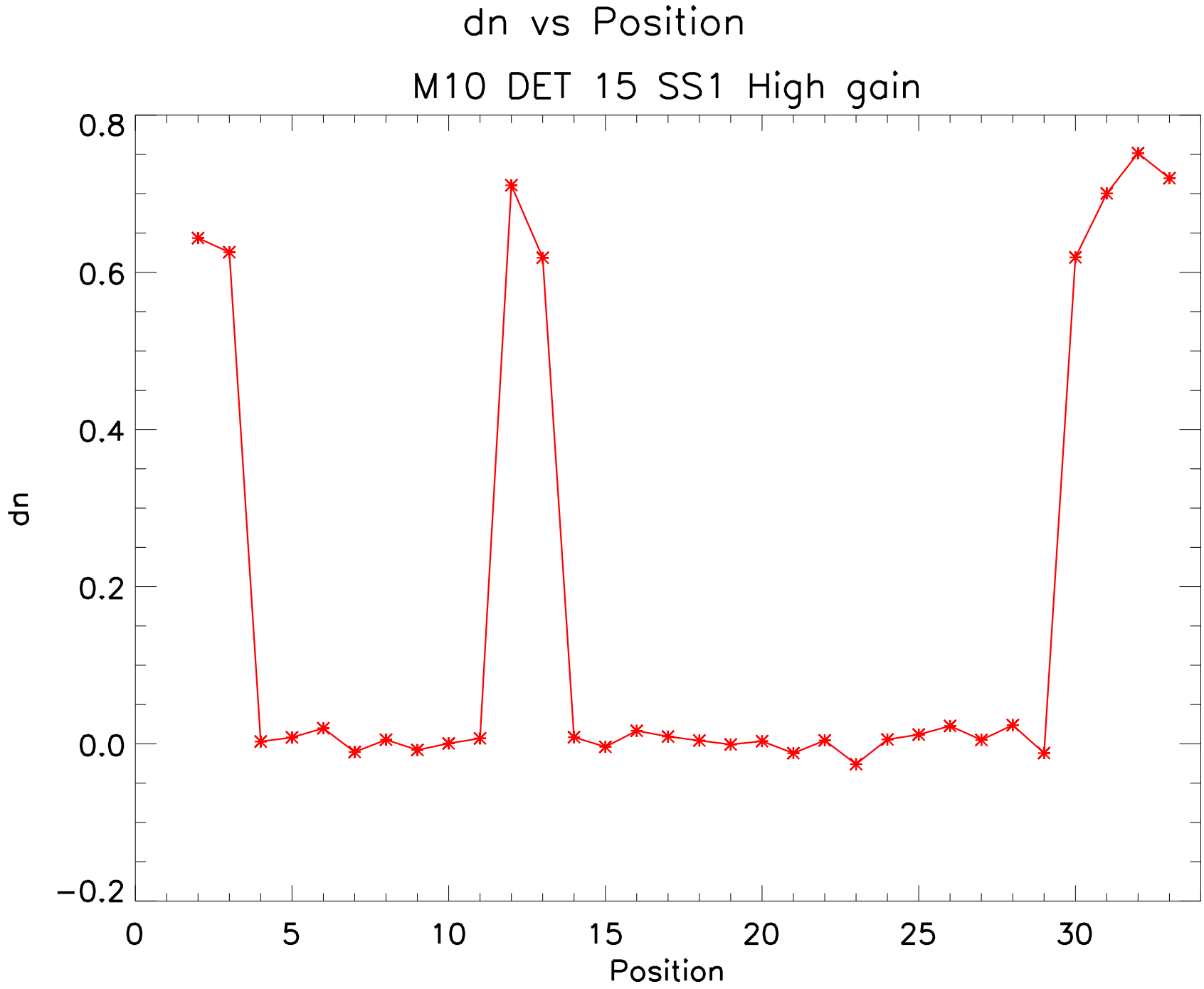
Position


dn vs Position
M10 DET 15 SS1 High gain
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0.4
0.2
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−0.2
dn
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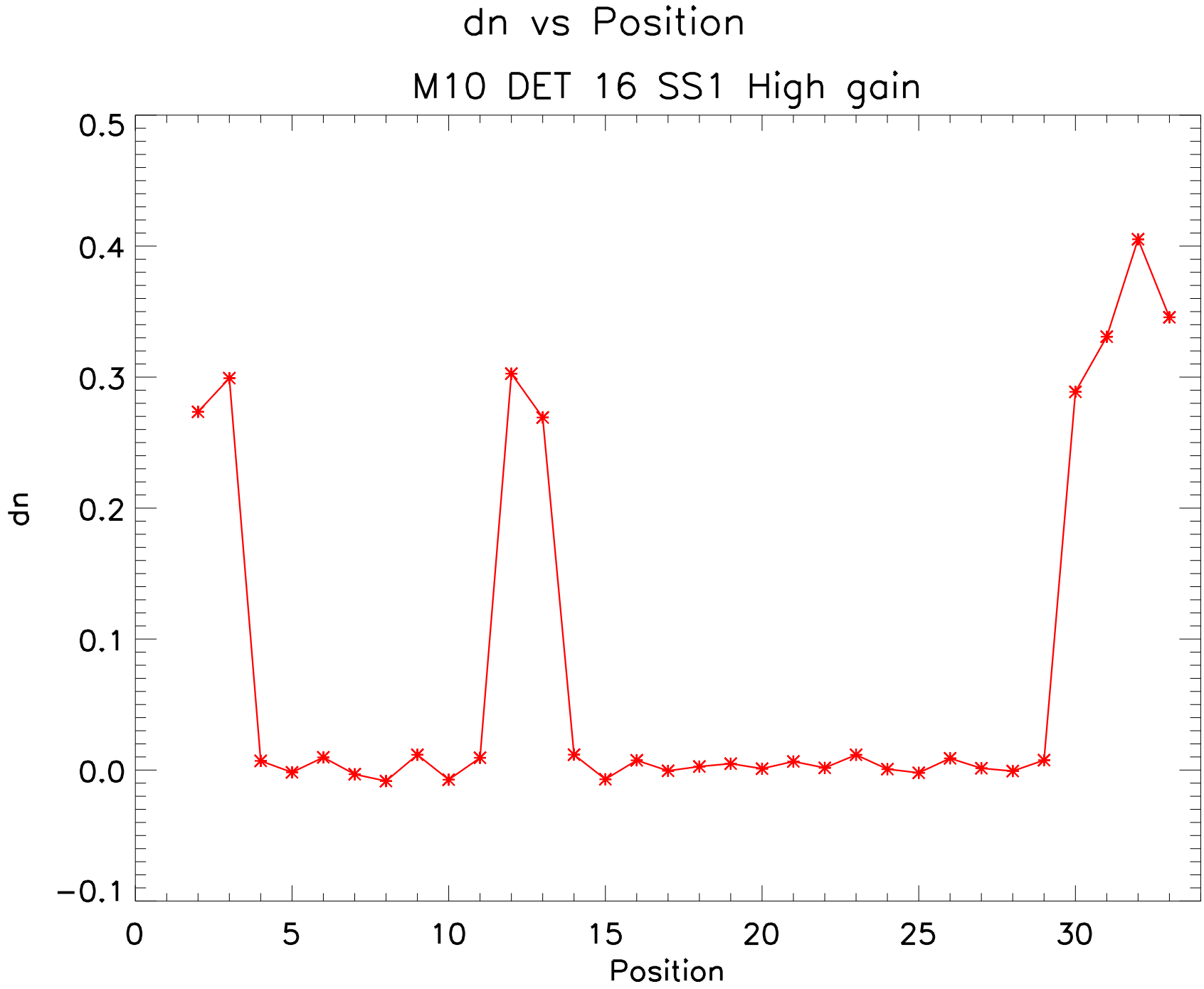
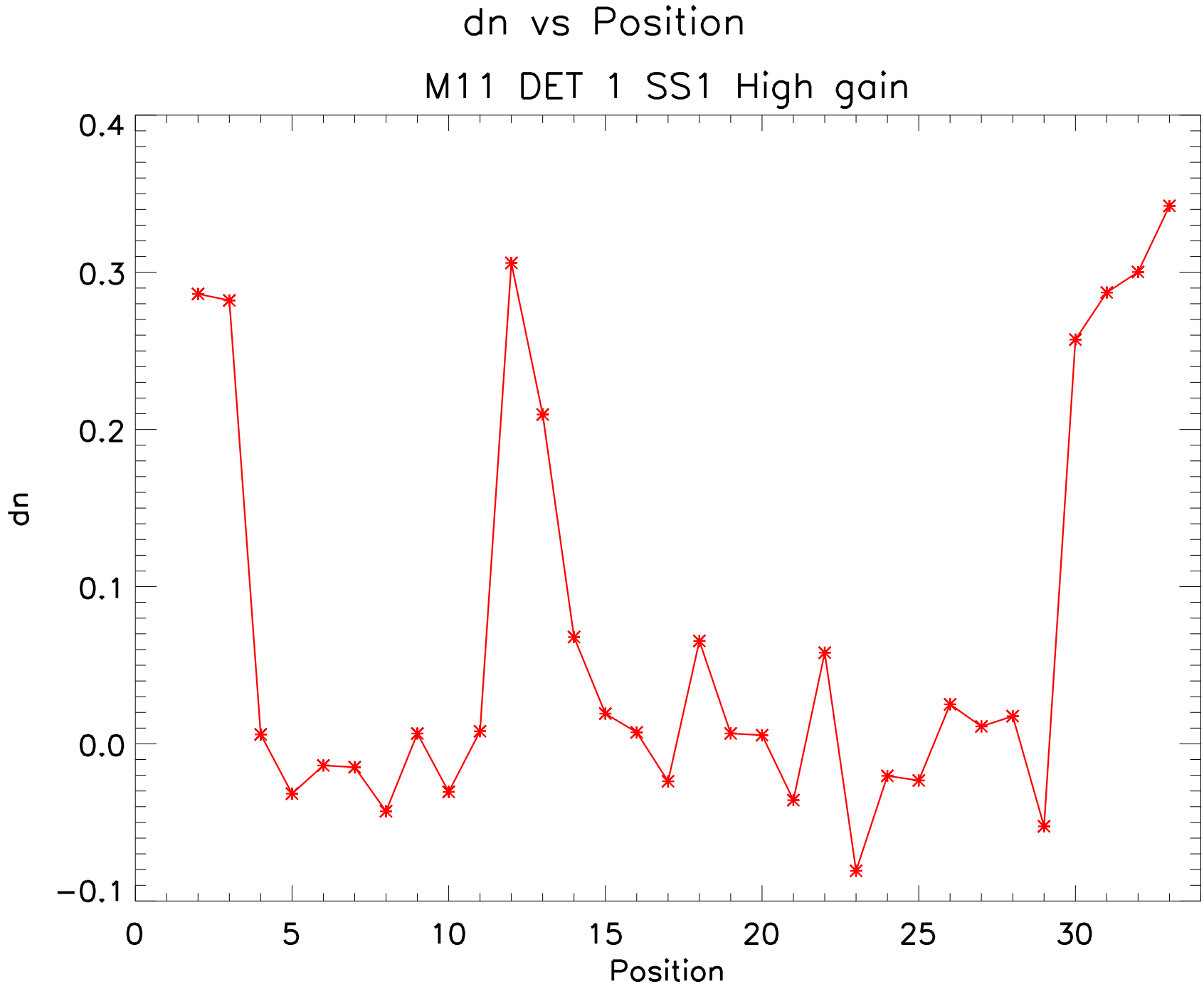
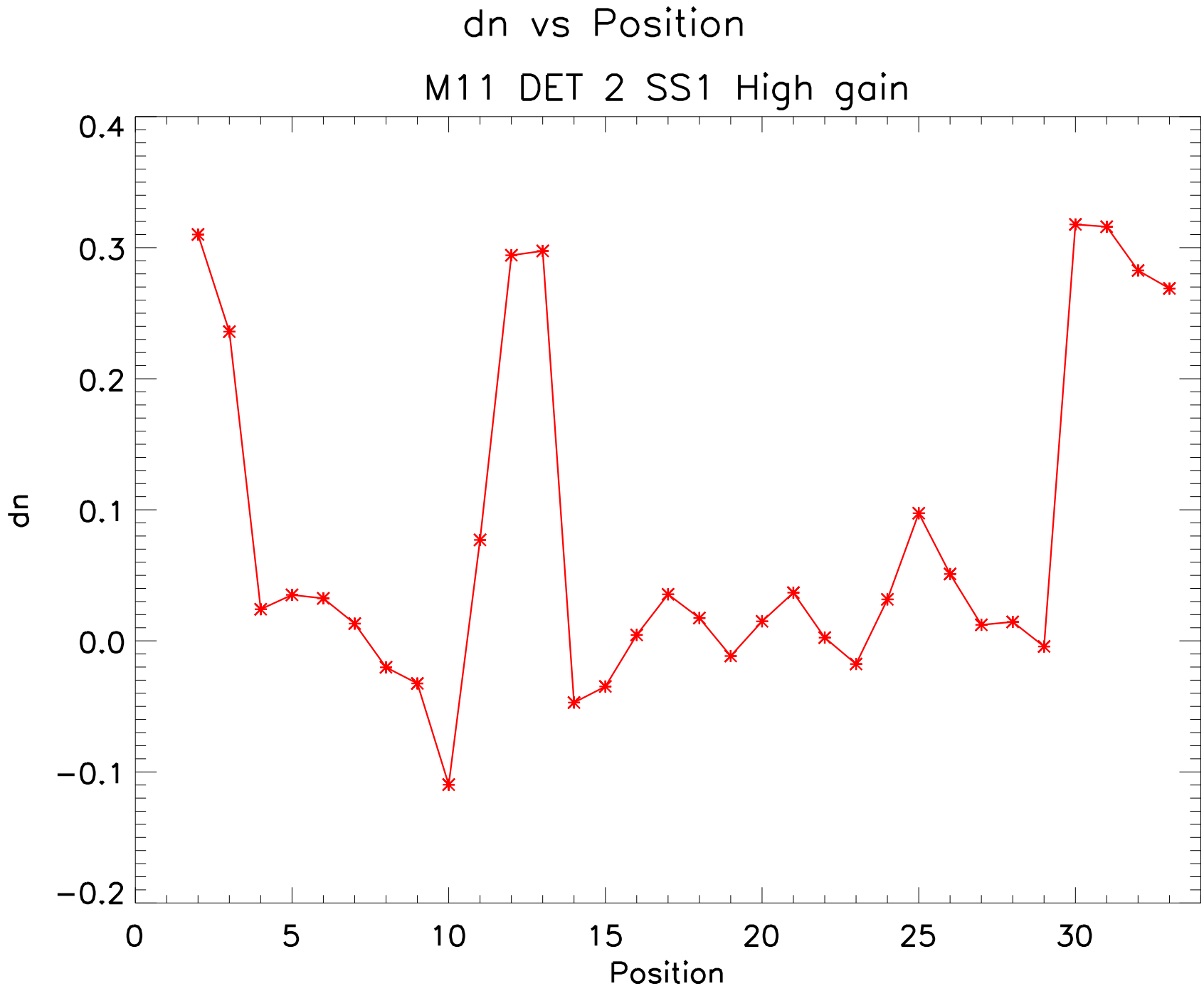
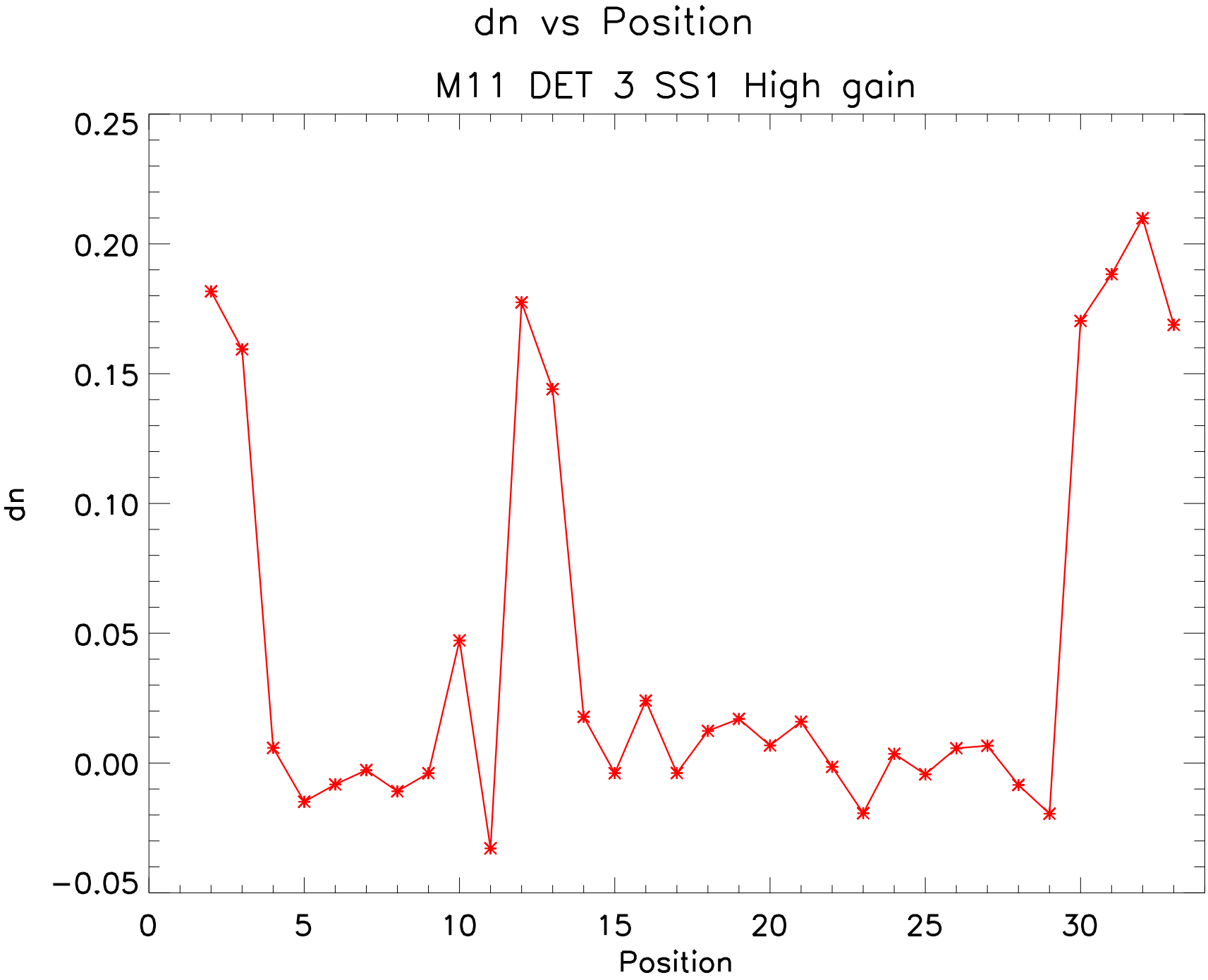
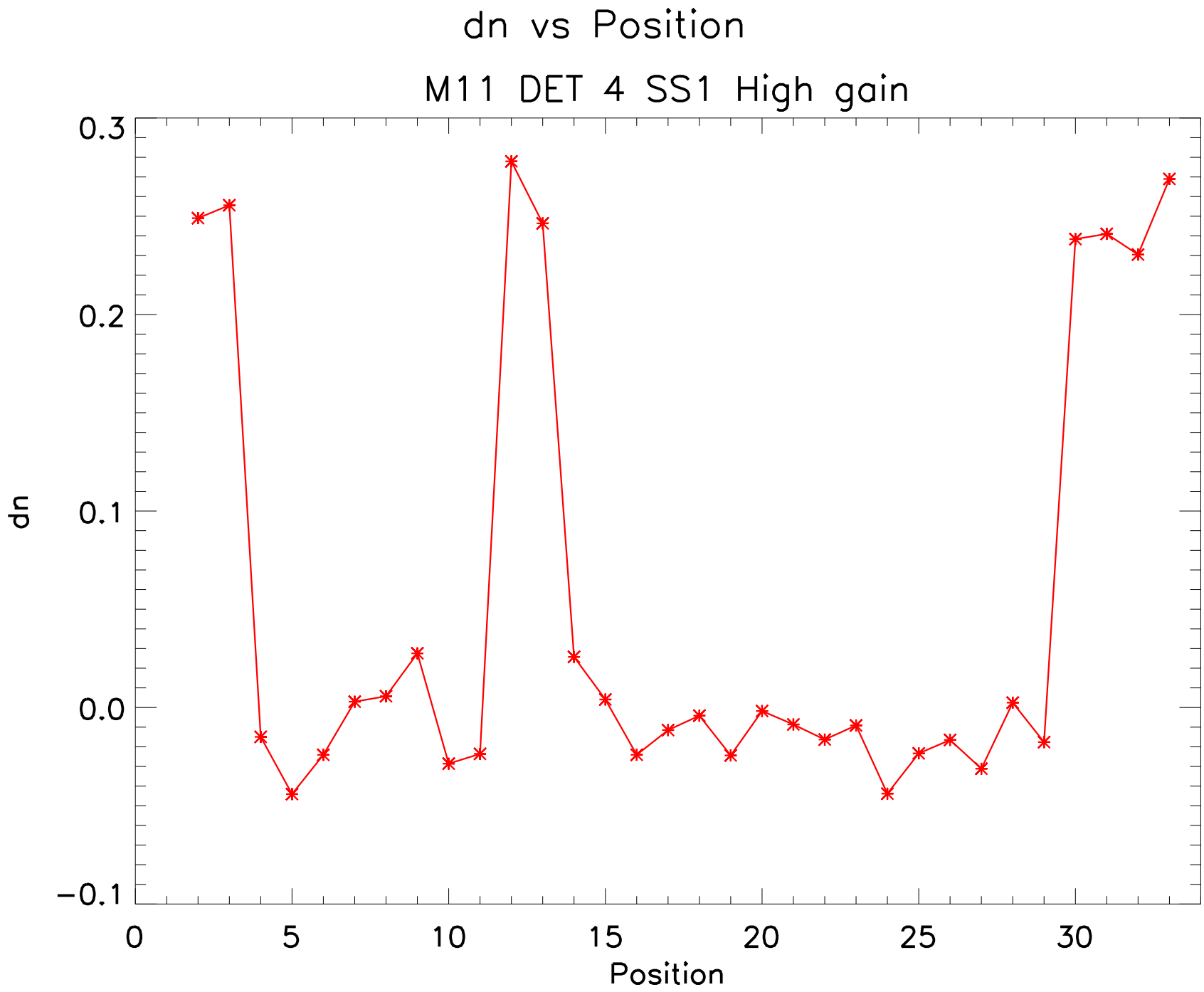
30
Position

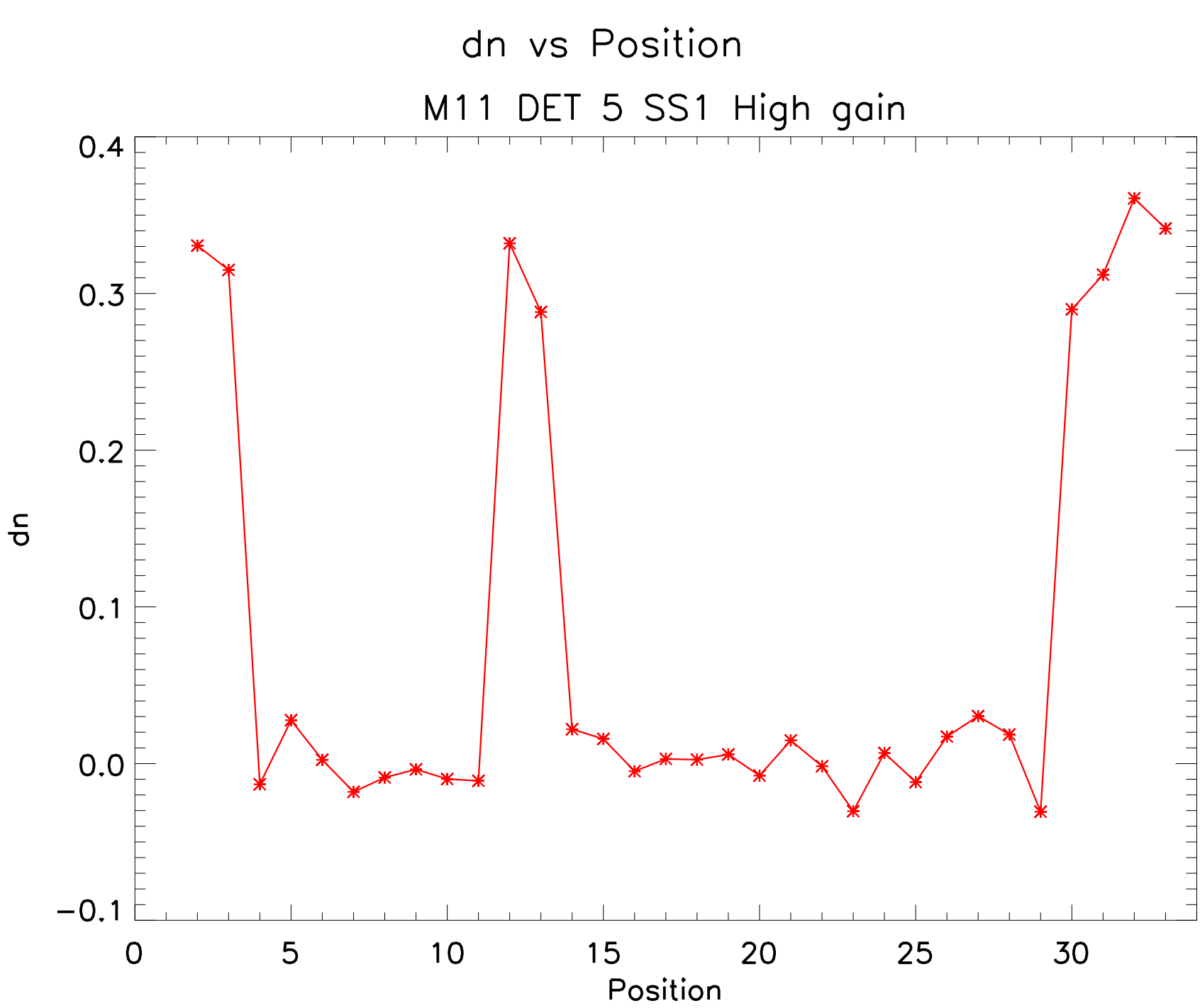

dn vs Position
M10 DET 16 SS1 High gain
dn
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

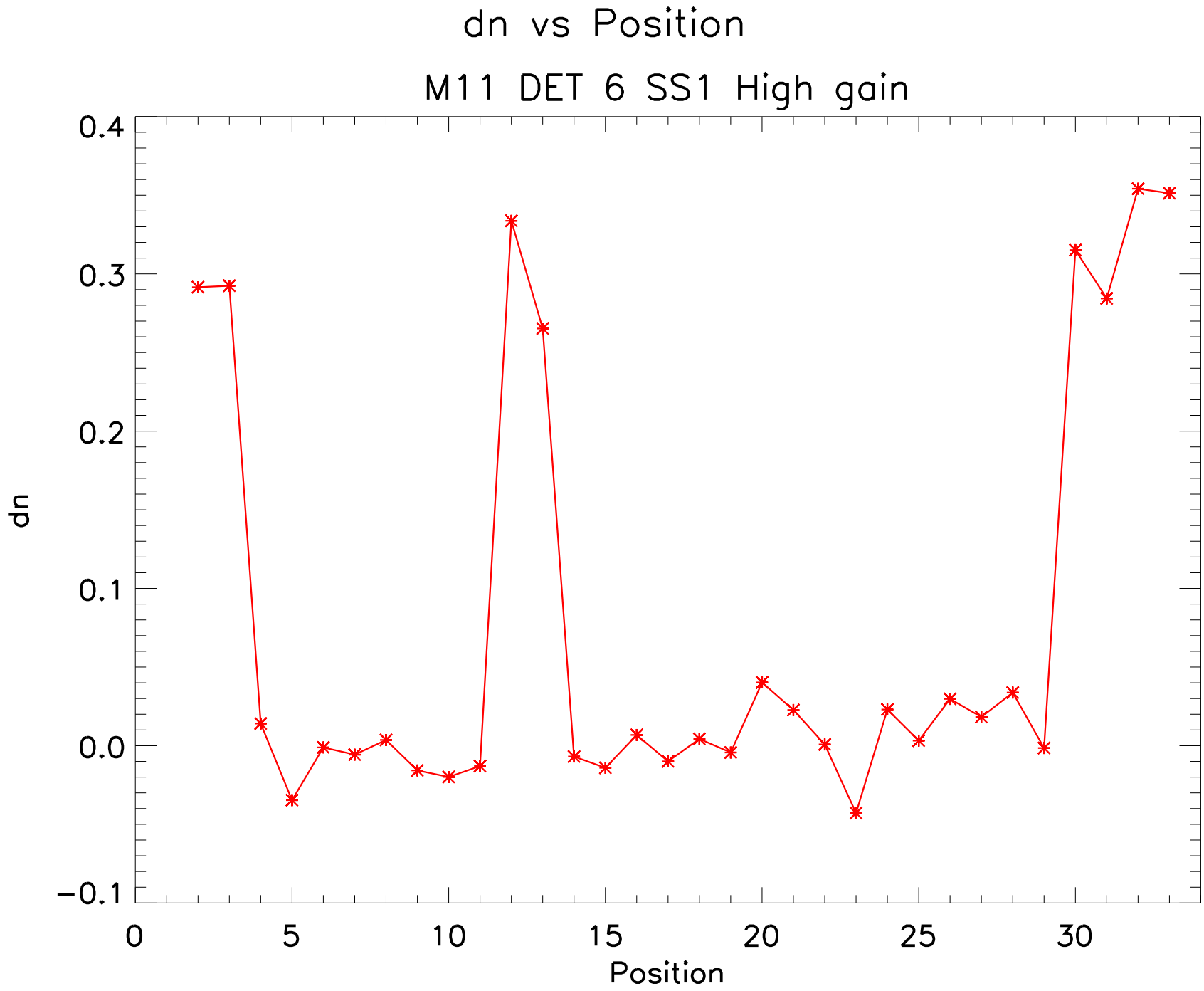

dn vs Position
M11 DET 1 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

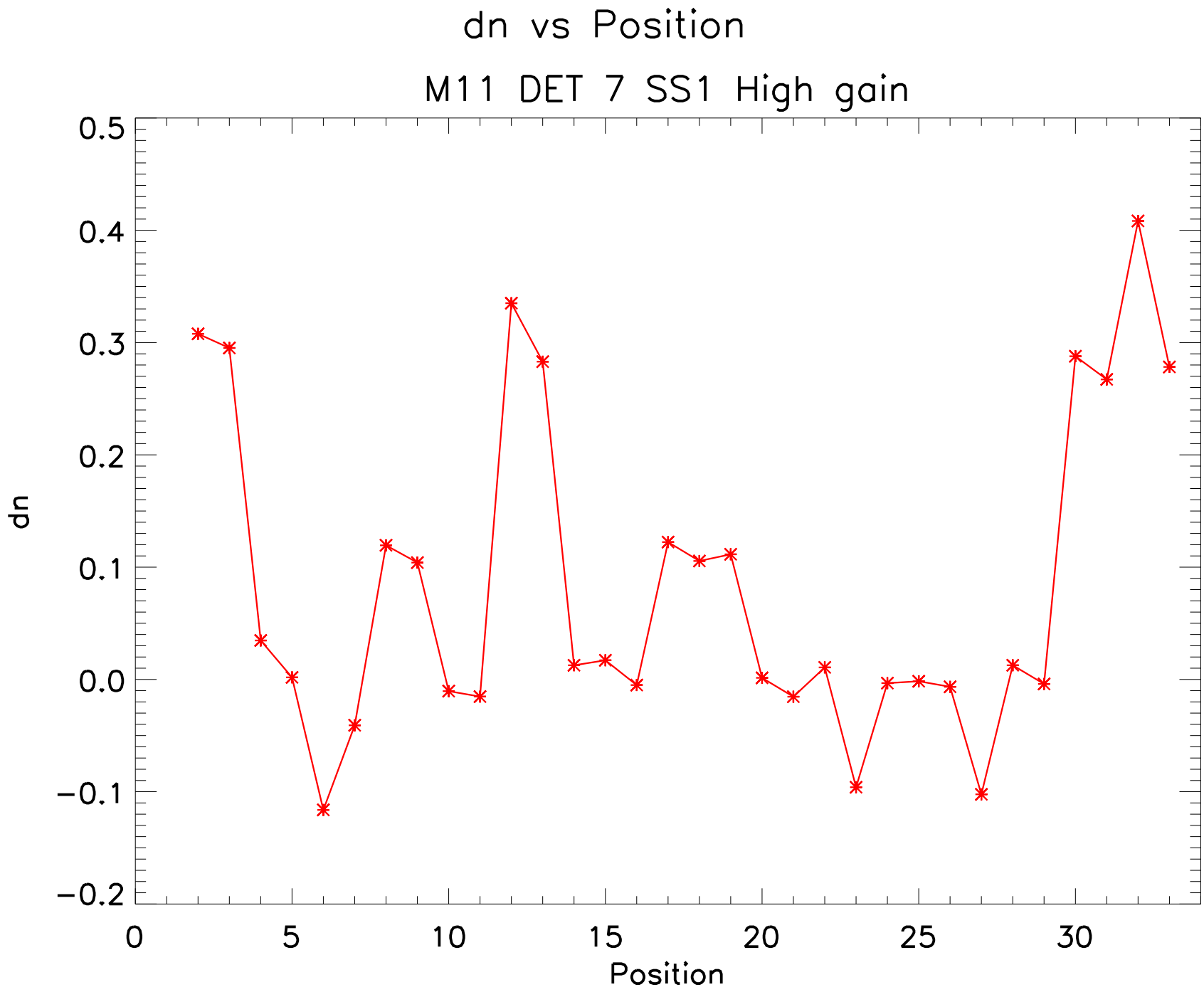

dn vs Position
M11 DET 2 SS1 High gain
dn
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
5
10
15
20
25
30
Position

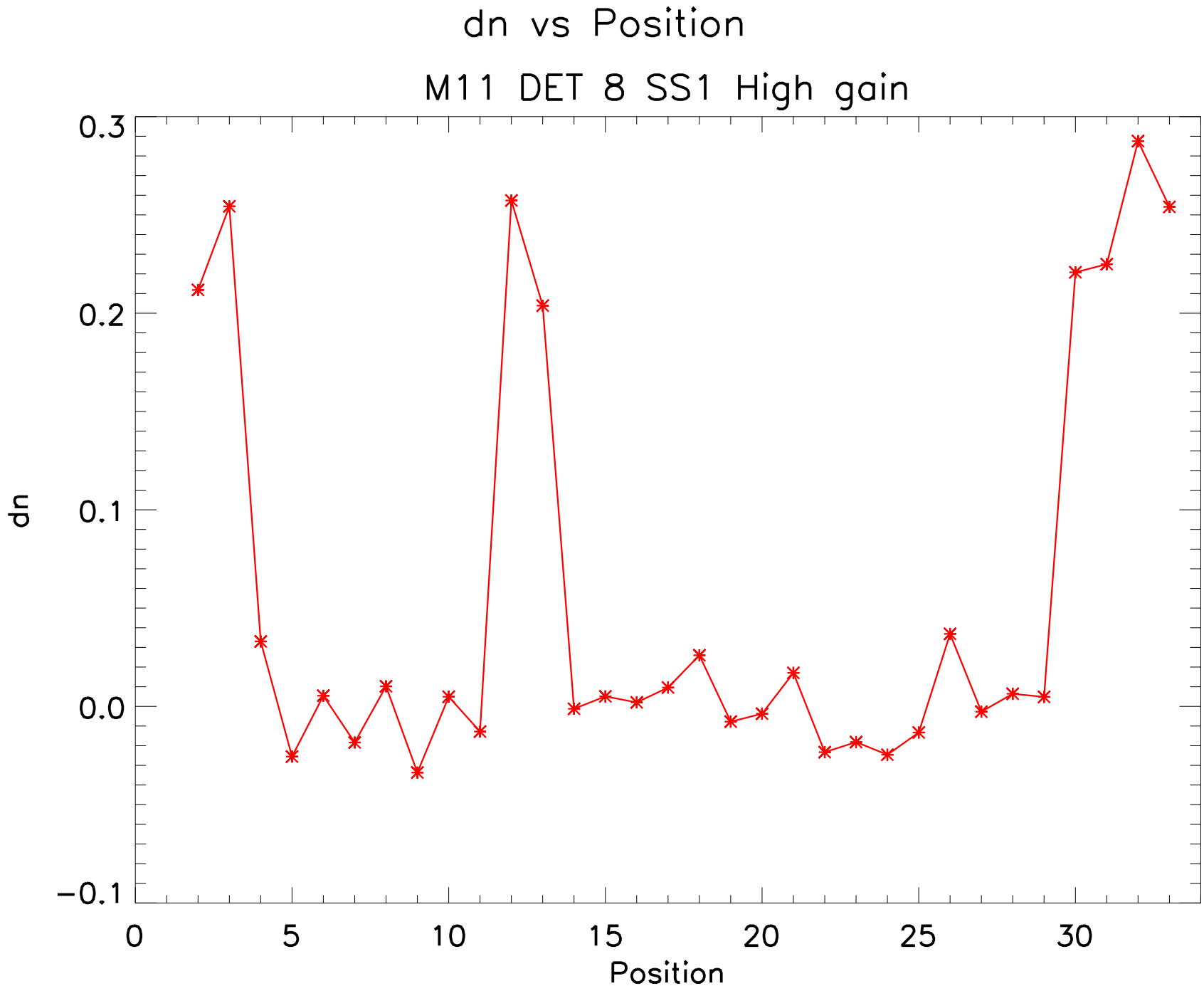

dn vs Position
M11 DET 3 SS1 High gain
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
dn
0
5
10
15
20
25
30
Position

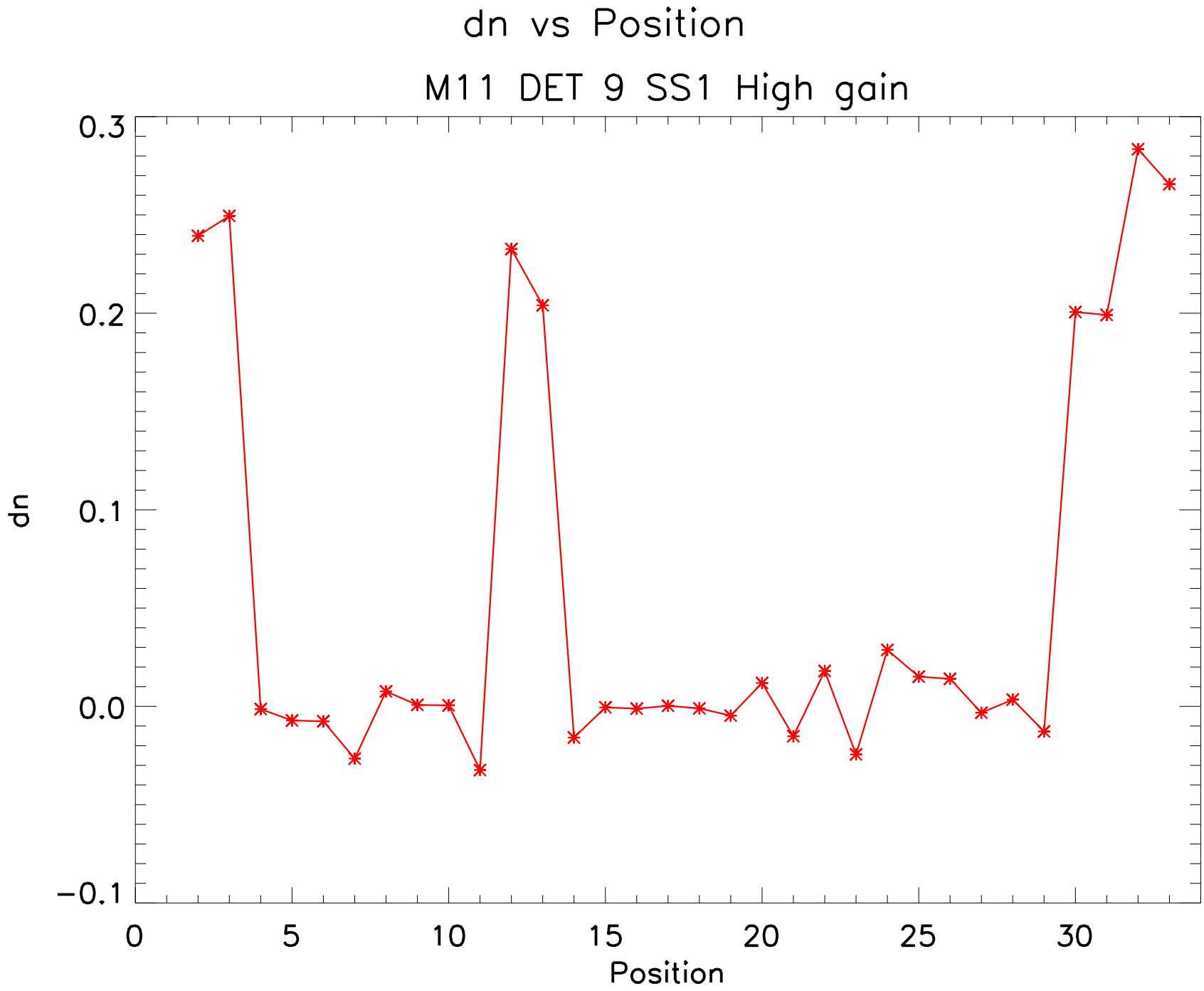

dn vs Position
M11 DET 4 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

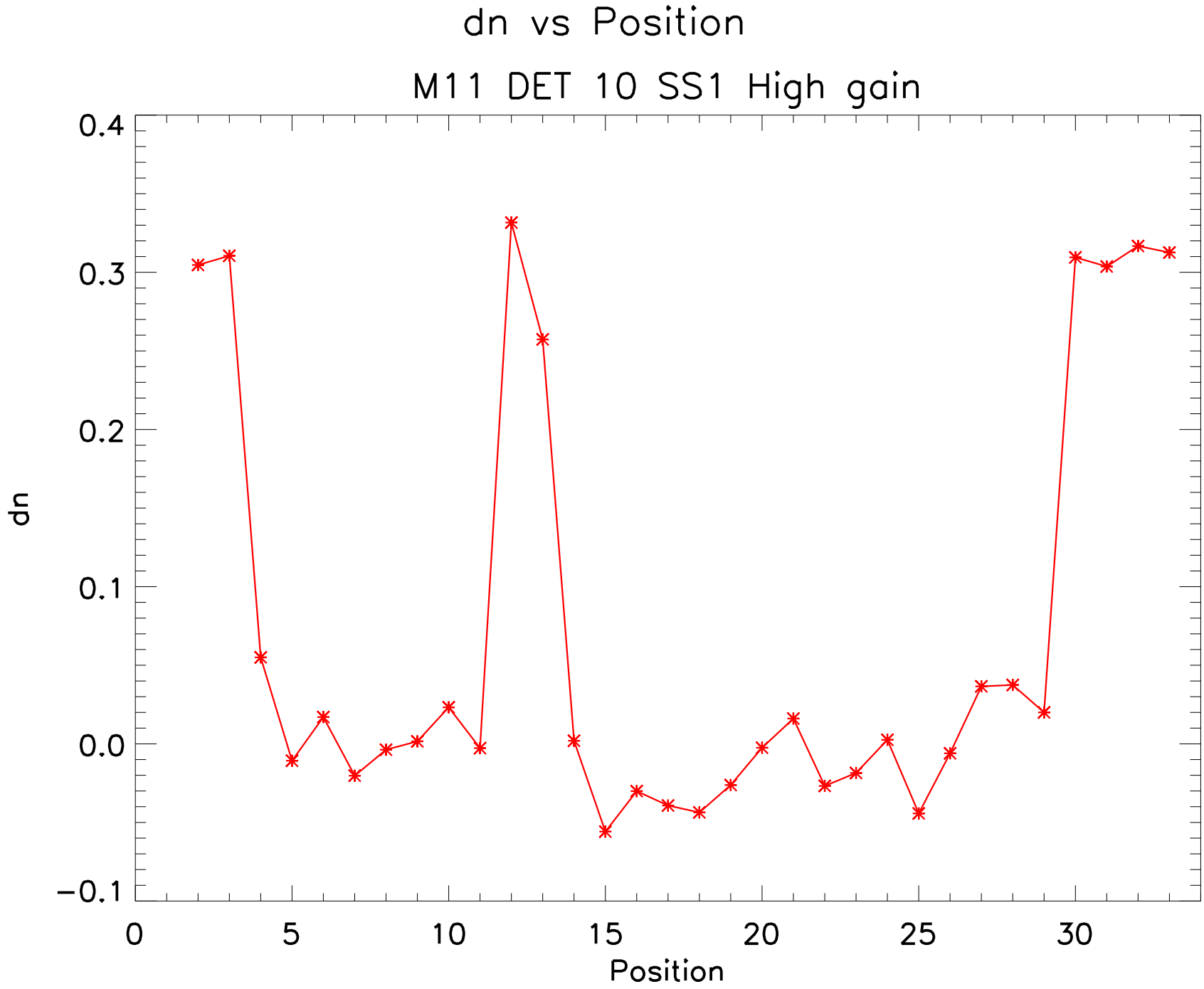

dn vs Position
M11 DET 5 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

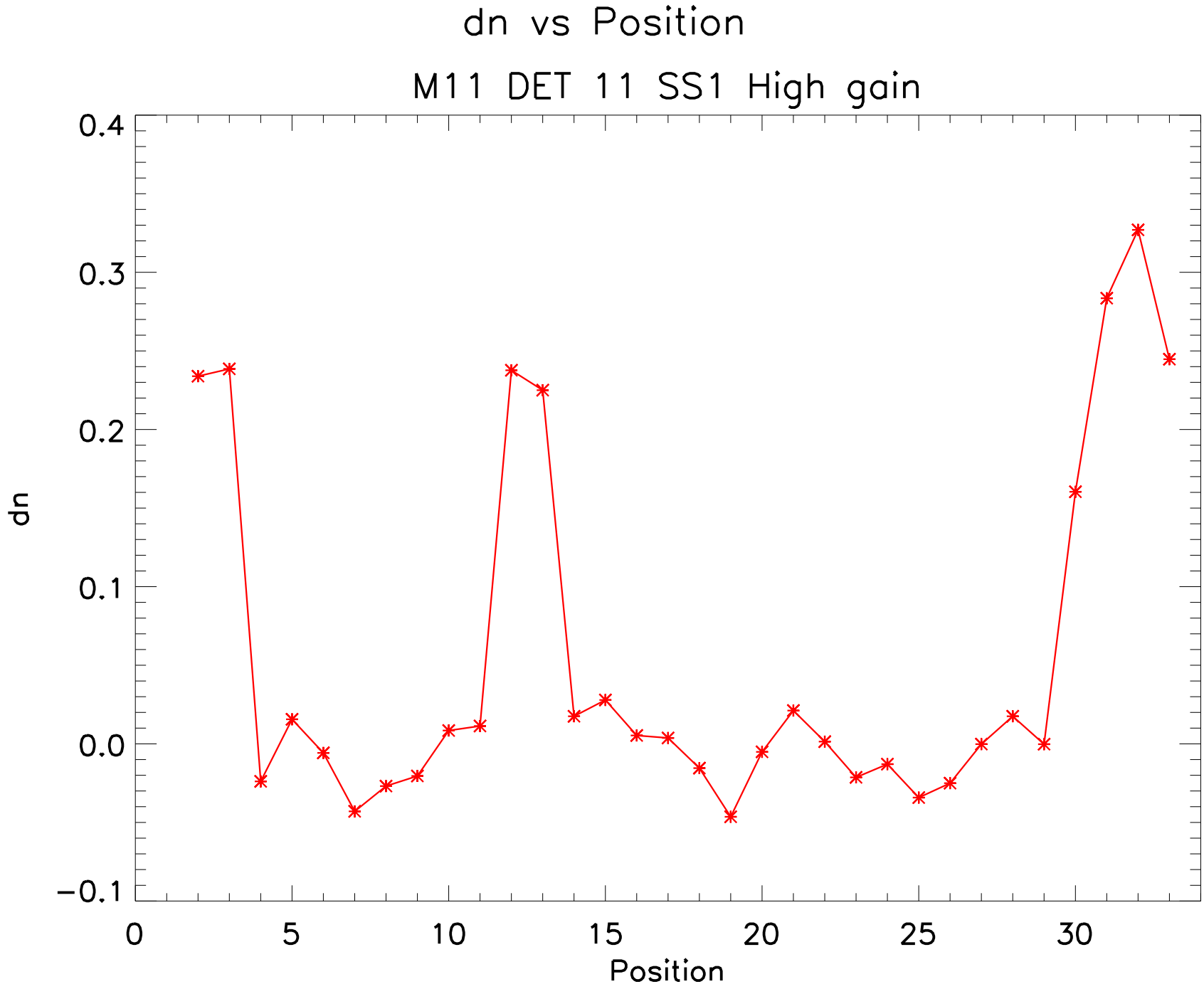

dn vs Position
M11 DET 6 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

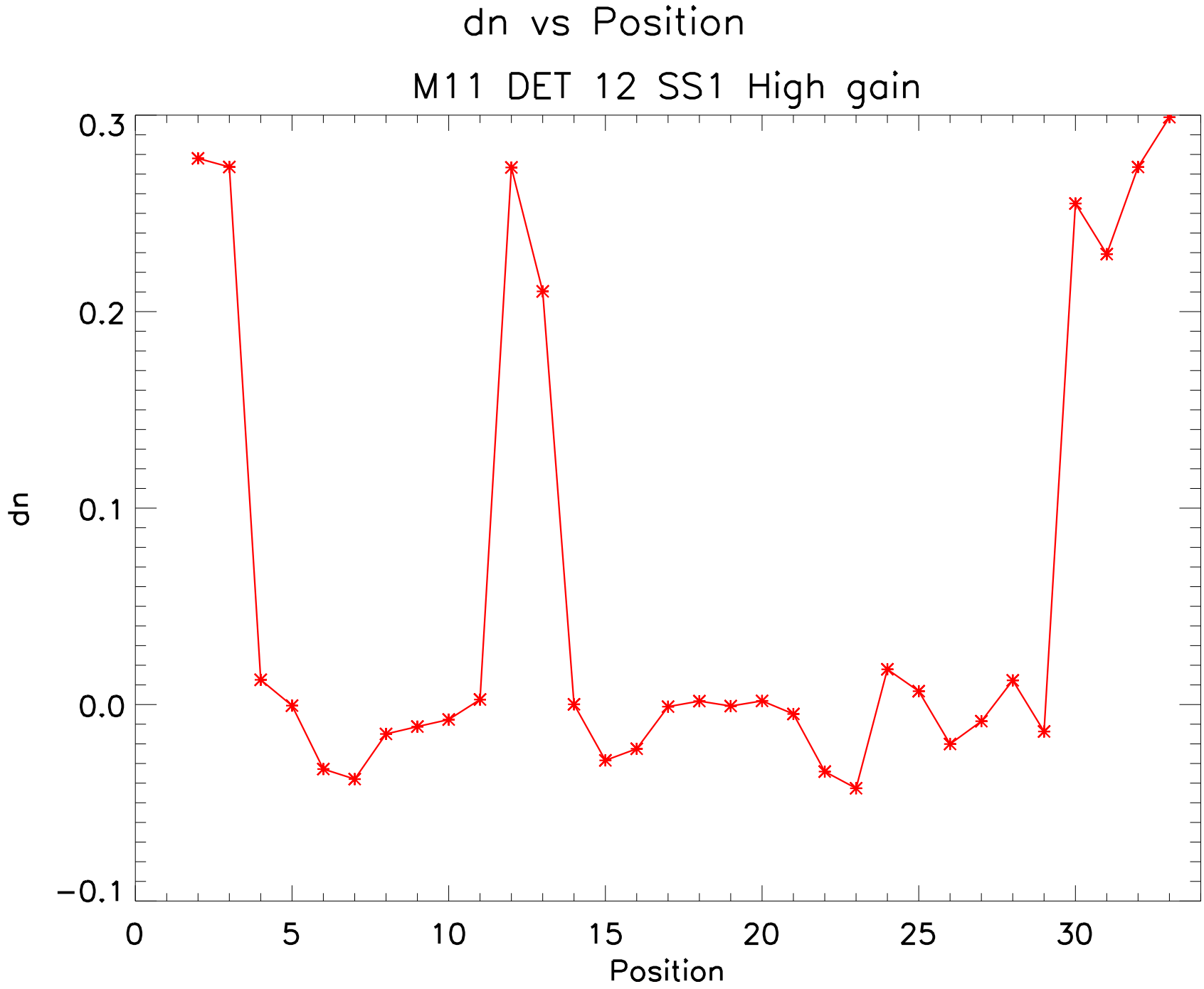

dn vs Position
M11 DET 7 SS1 High gain
dn
Position
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
5
10
15
20
25
30

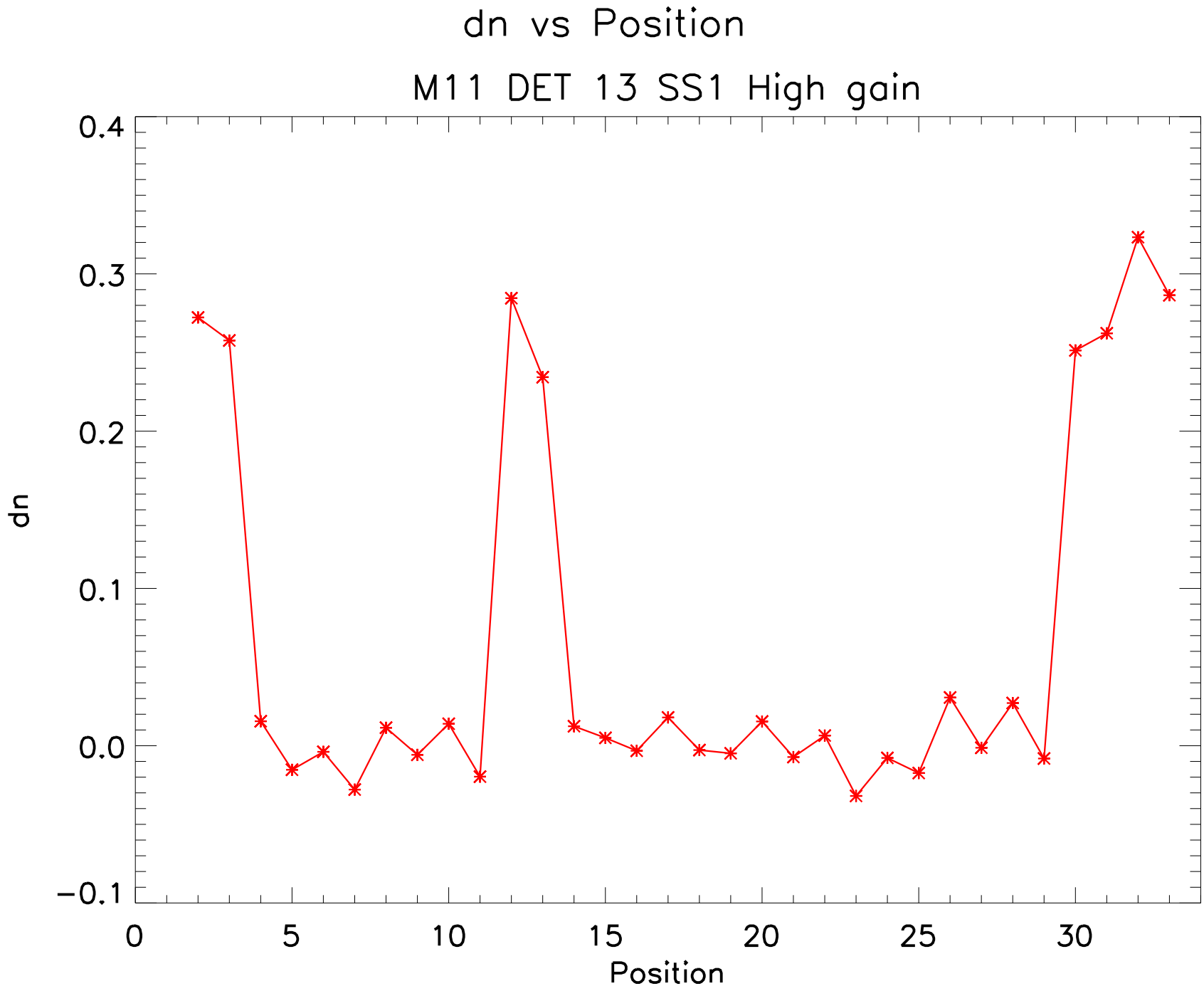

dn vs Position
M11 DET 8 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position

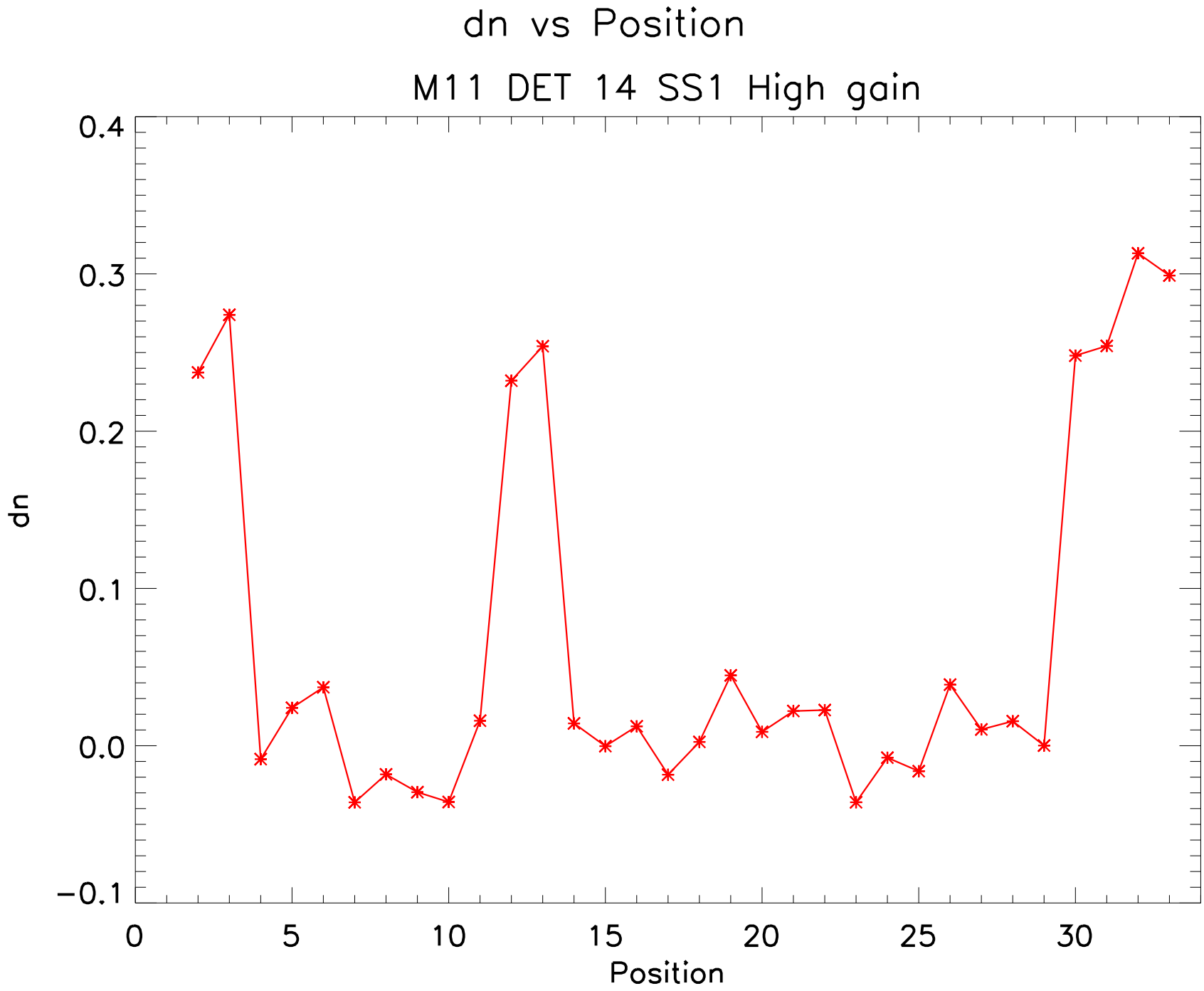

dn vs Position
M11 DET 9 SS1 High gain
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

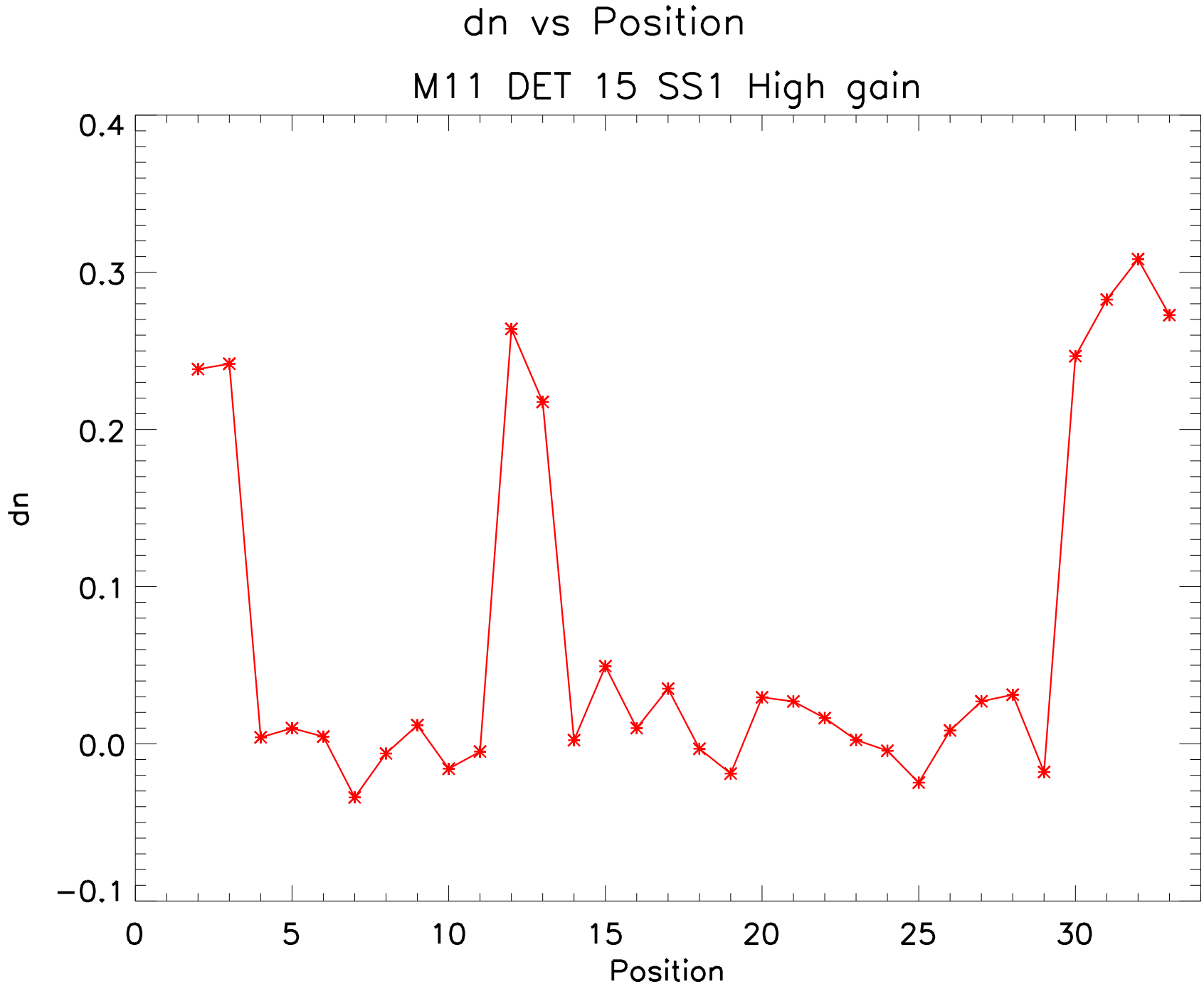

dn vs Position
M11 DET 10 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position

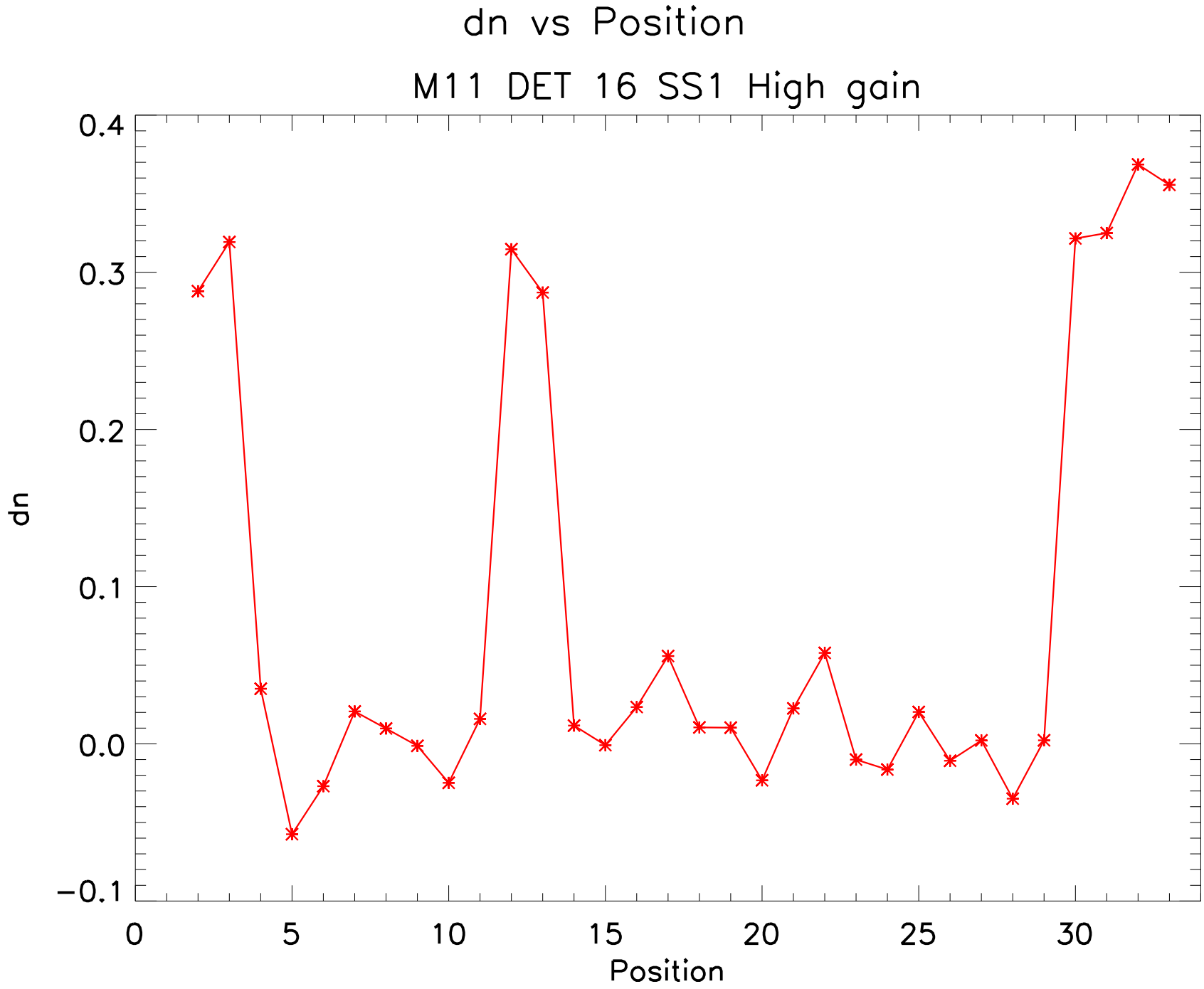

dn vs Position
M11 DET 11 SS1 High gain
dn
Position
0.4
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30


dn vs Position
M11 DET 12 SS1 High gain
dn
0.3
0.2
0.1
0.0
−0.1
0
5
10
15
20
25
30
Position


dn vs Position
M11 DET 13 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M11 DET 14 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M11 DET 15 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position


dn vs Position
M11 DET 16 SS1 High gain
0.4
0.3
0.2
0.1
0.0
−0.1
dn
0
5
10
15
20
25
30
Position