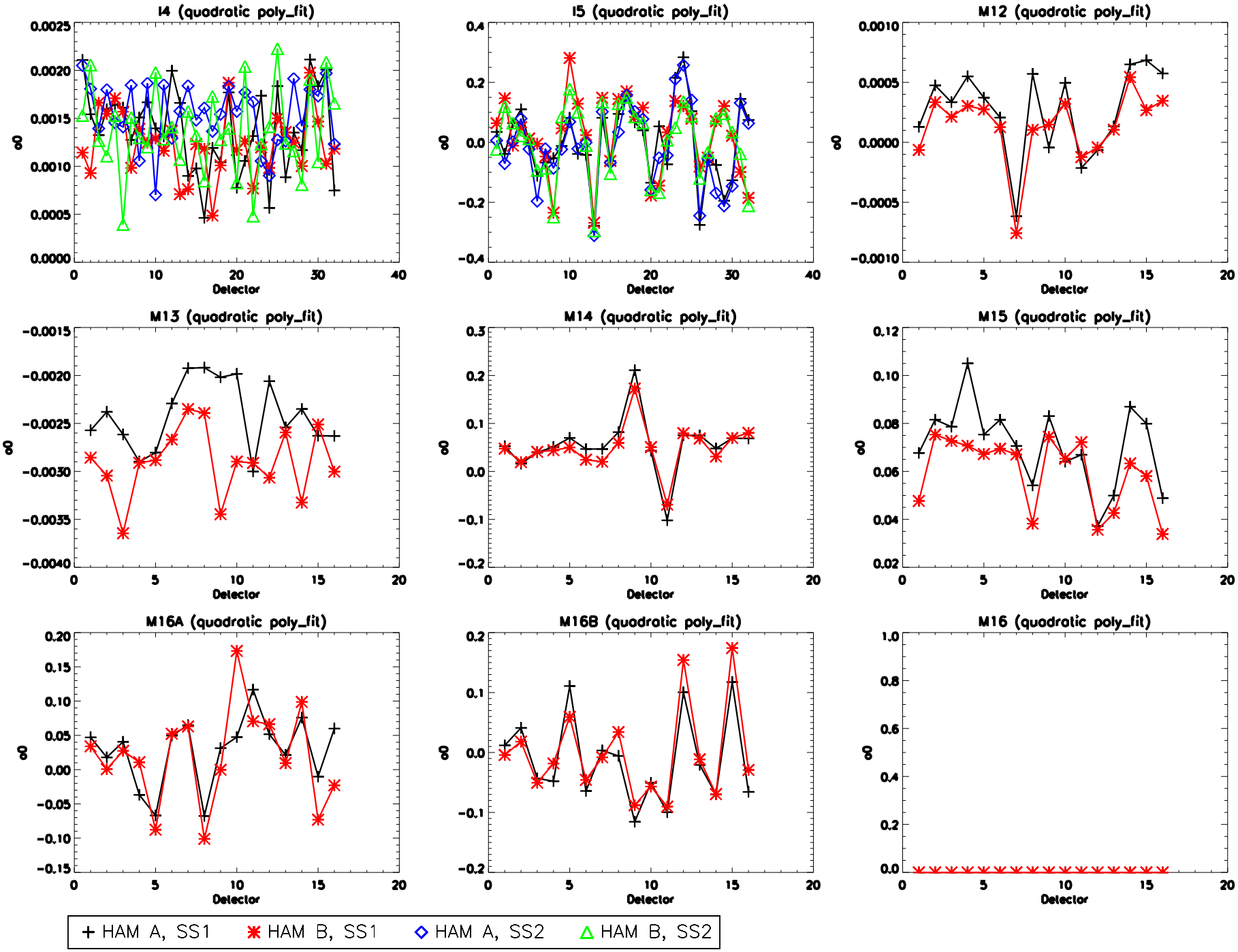
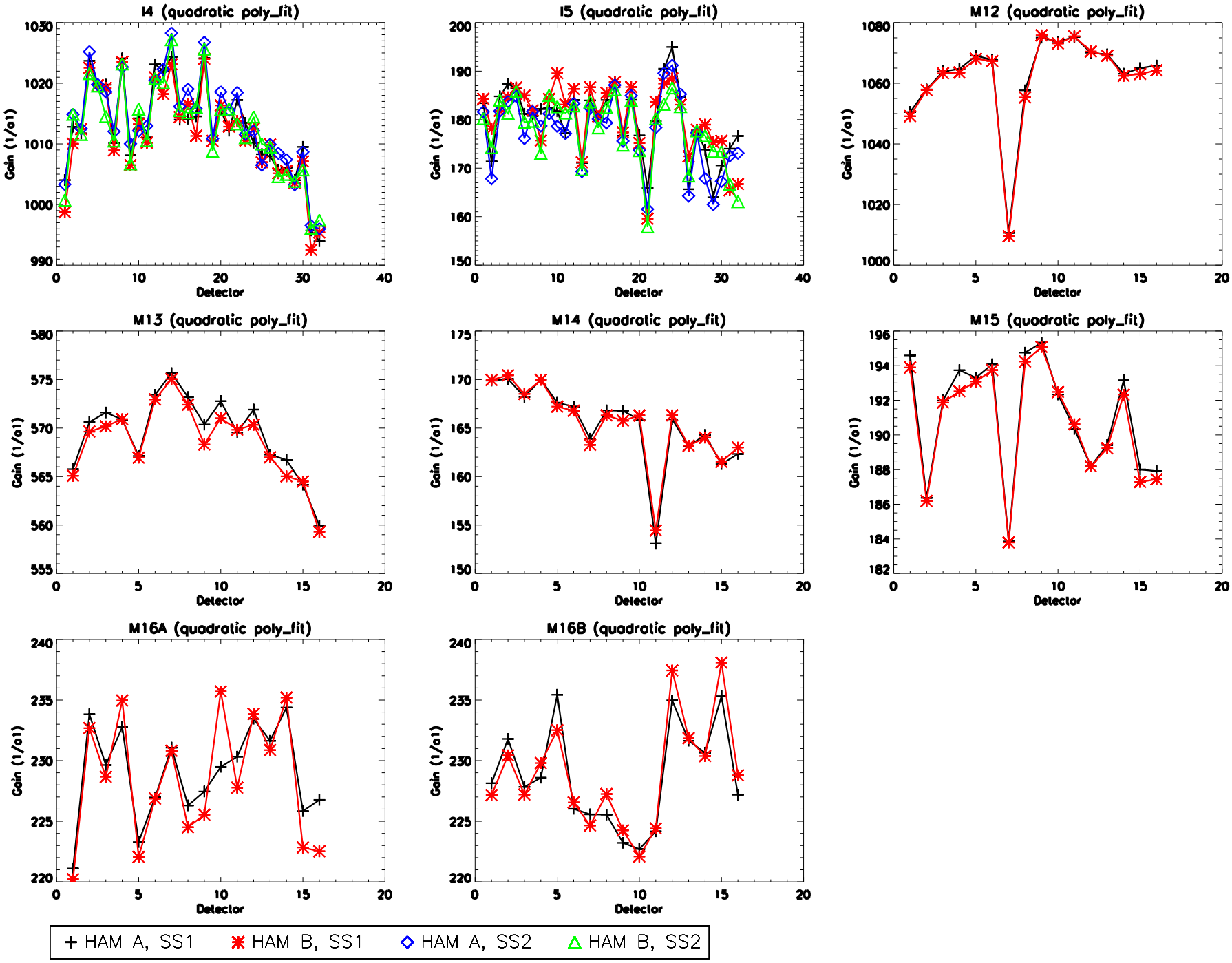
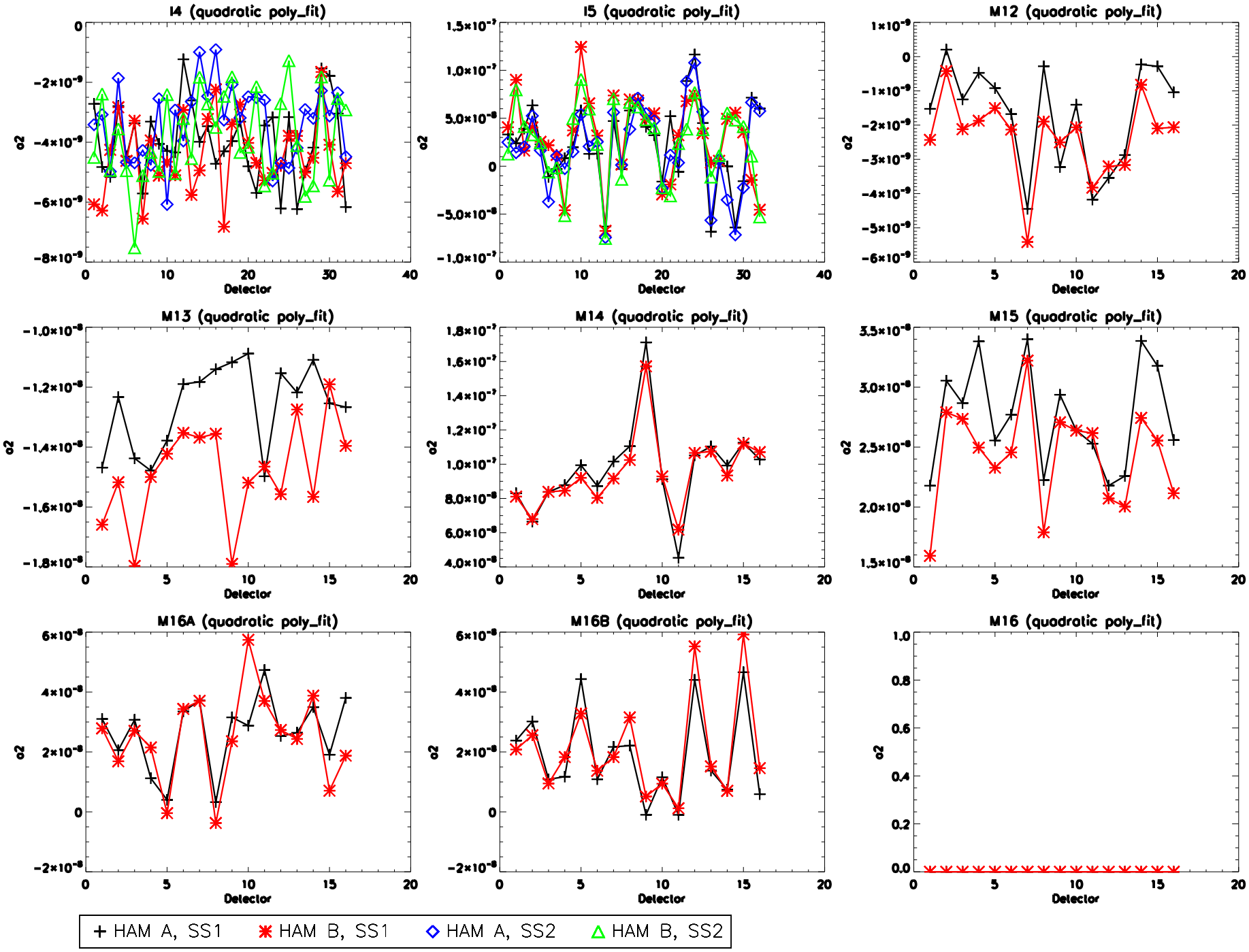
Detector Variation in a0 (cool-down)

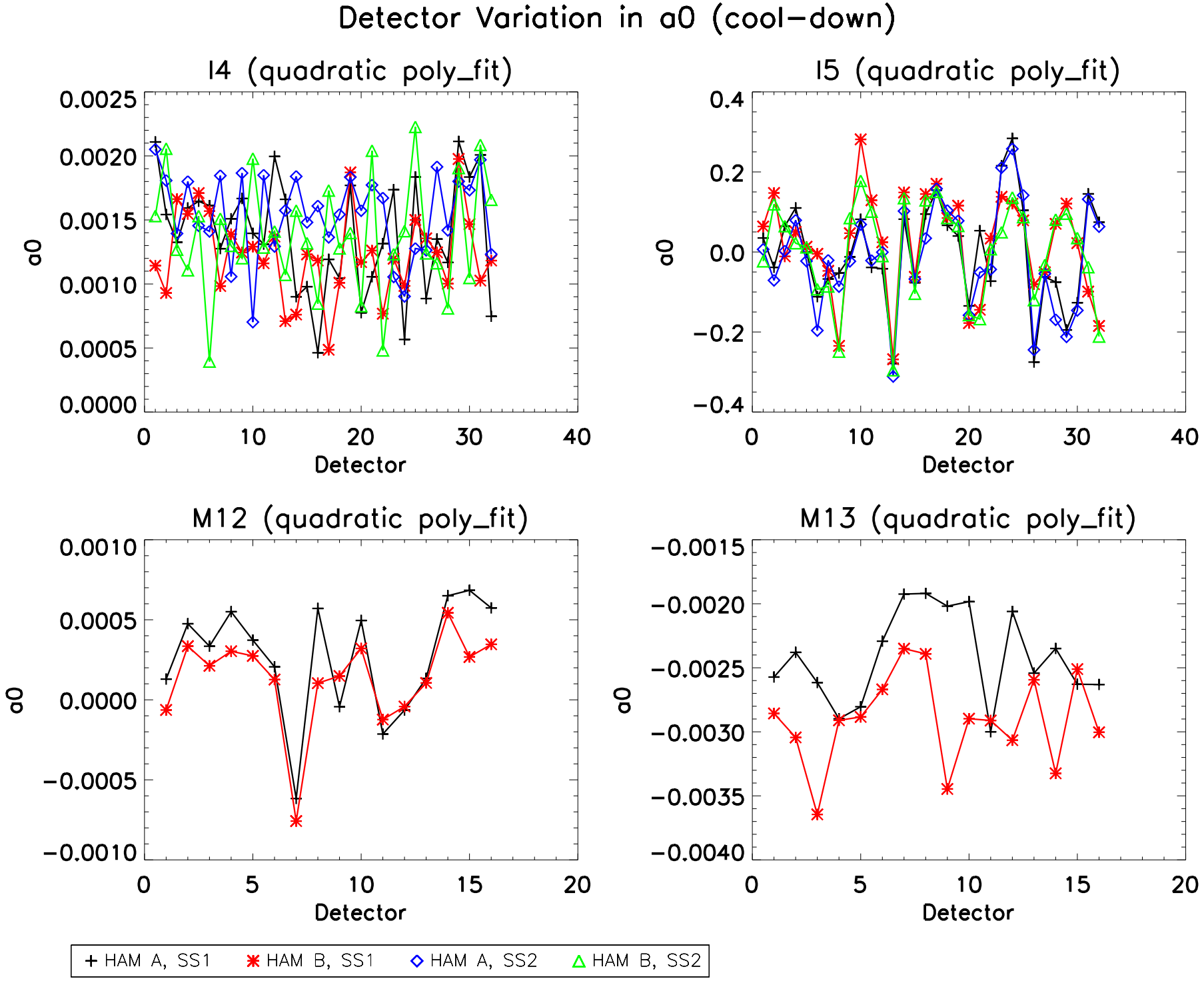


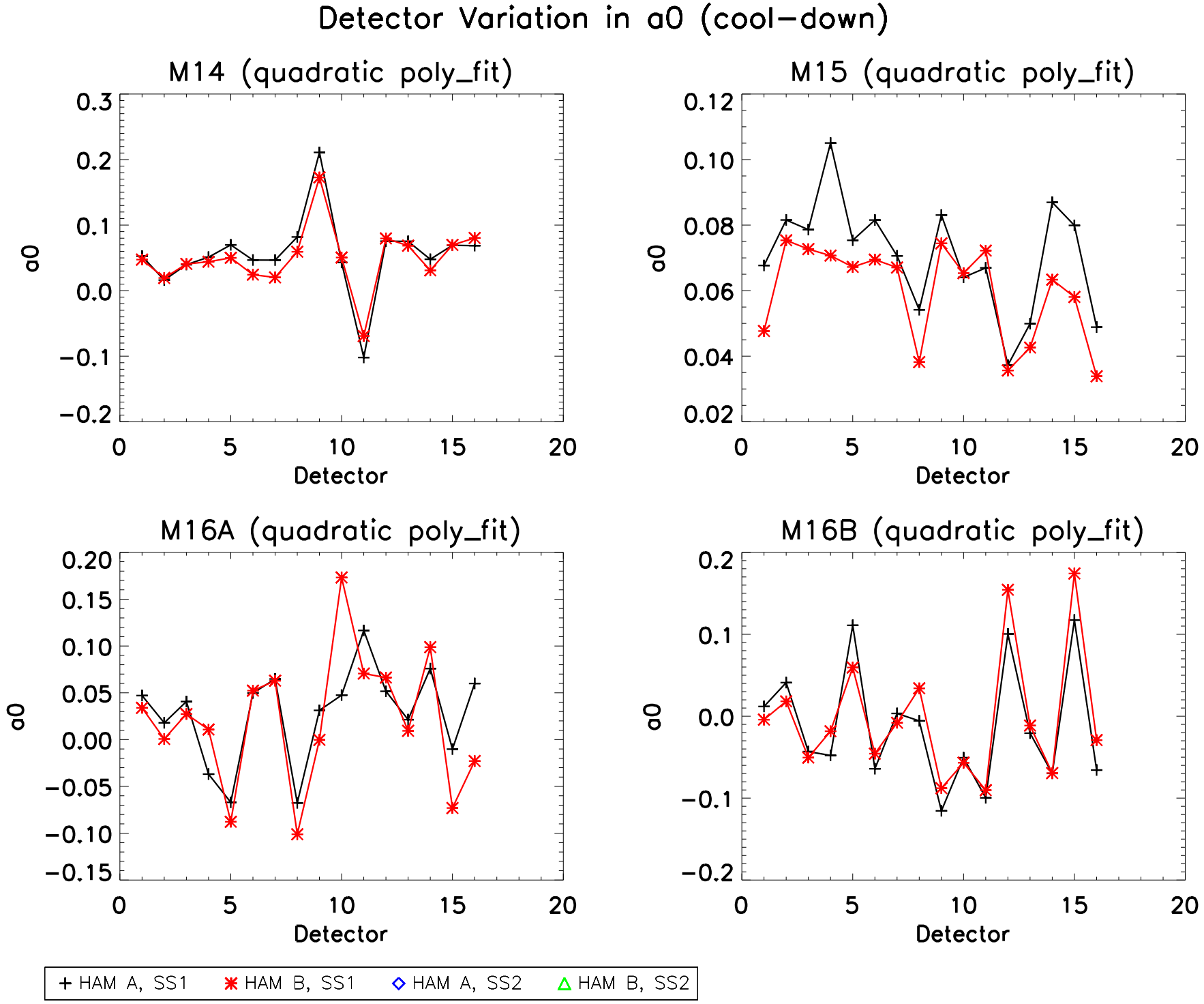
Detector Variation in Gain (1/a1) (cool-down)



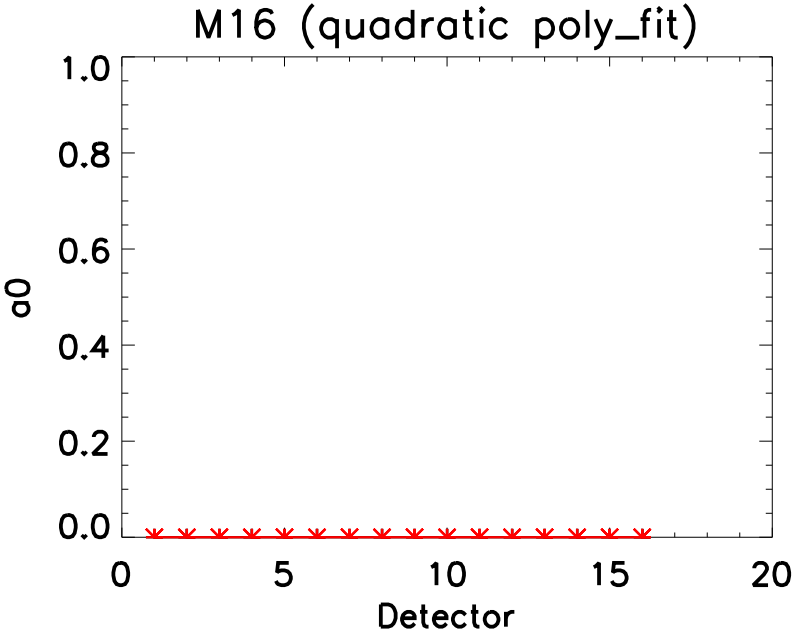
Detector Variation in a2 (cool-down)



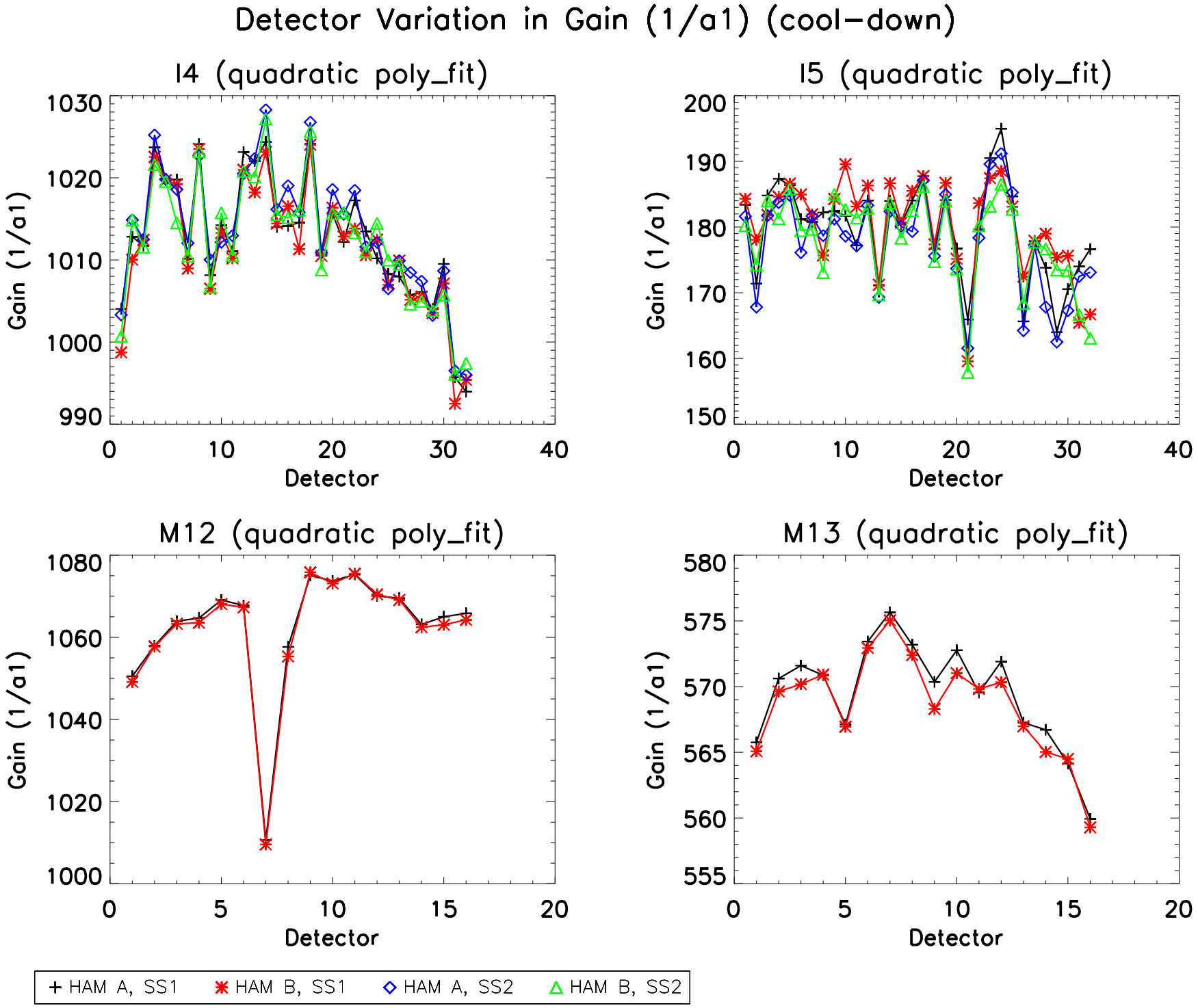

Detector Variation in a0 (cool−down)
I4 (quadratic poly_fit)
I5 (quadratic poly_fit)
M12 (quadratic poly_fit)
M13 (quadratic poly_fit)
a0
Detector
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
0.4
0.2
0.0
−0.2
−0.4
−0.0015
−0.0020
−0.0025
−0.0030
−0.0035
−0.0040
−0.0010
0
5
10
15
20
30
40
HAM A, SS1
HAM B, SS1
HAM A, SS2
HAM B, SS2


Detector Variation in a0 (cool−down)
M14 (quadratic poly_fit)
M15 (quadratic poly_fit)
M16A (quadratic poly_fit)
M16B (quadratic poly_fit)
a0
Detector
0.3
0.2
0.1
0.0
−0.1
−0.2
0.12
0.10
0.08
0.06
0.04
0.02
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
0
5
10
15
20
HAM A, SS1
HAM B, SS1
HAM A, SS2
HAM B, SS2

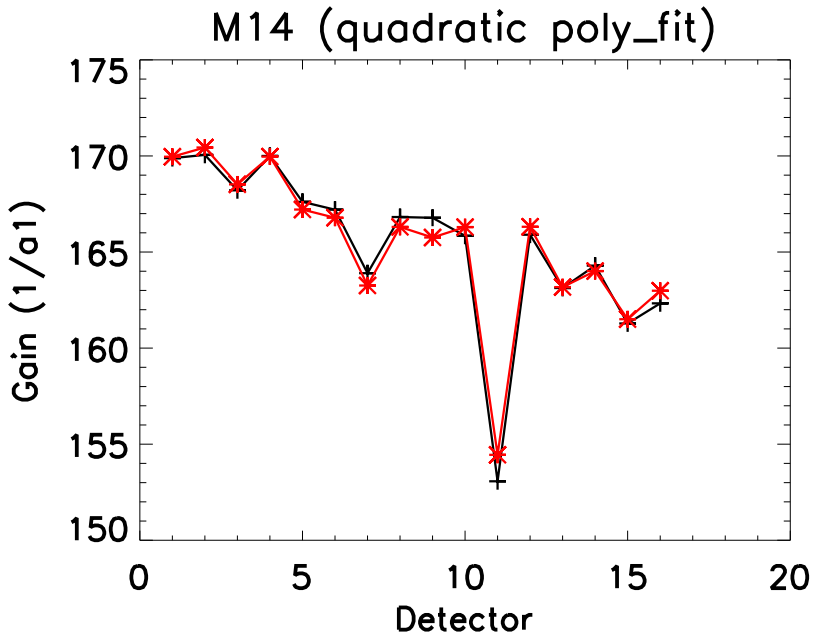
Detector Variation in a0 (cool-down)

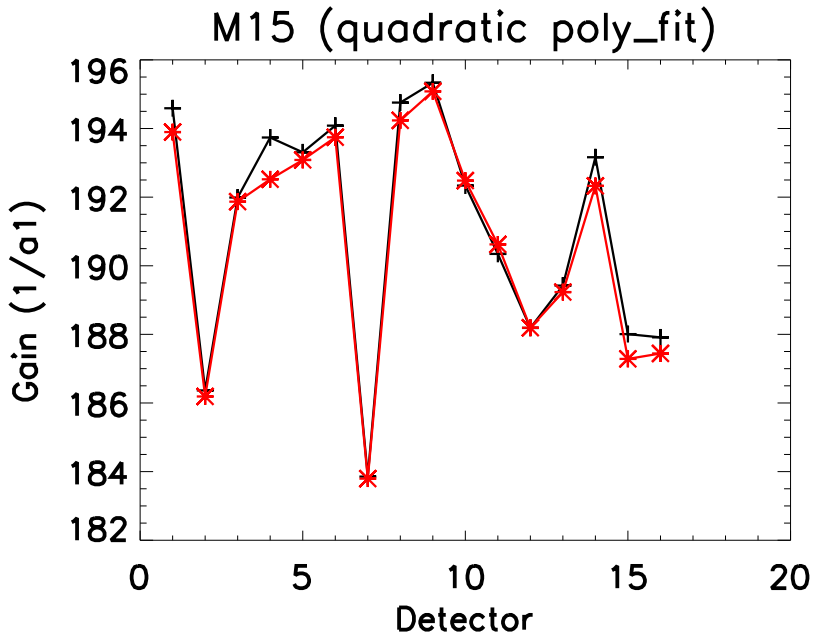


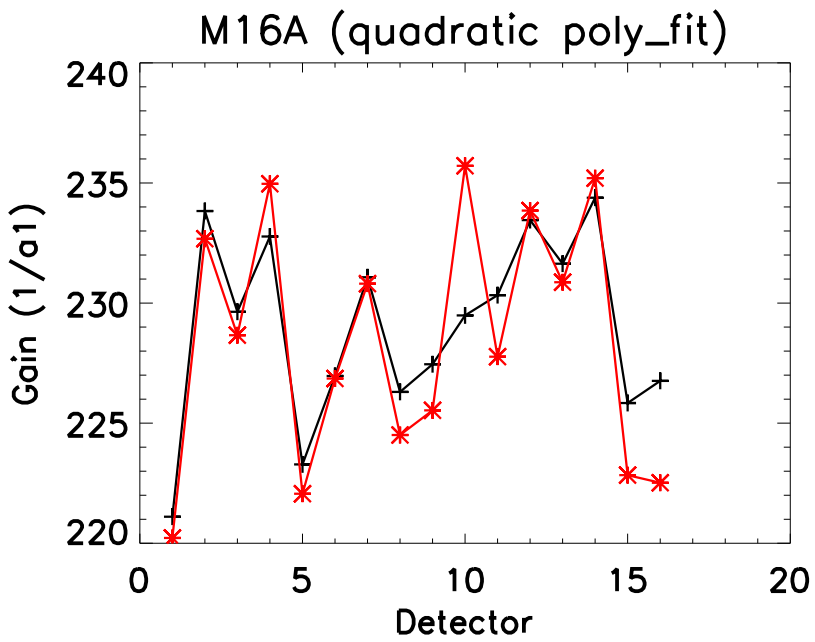
+ HAM A, SS1 ✳ HAM B, SS1 ◇ HAM A, SS2 △ HAM B, SS2

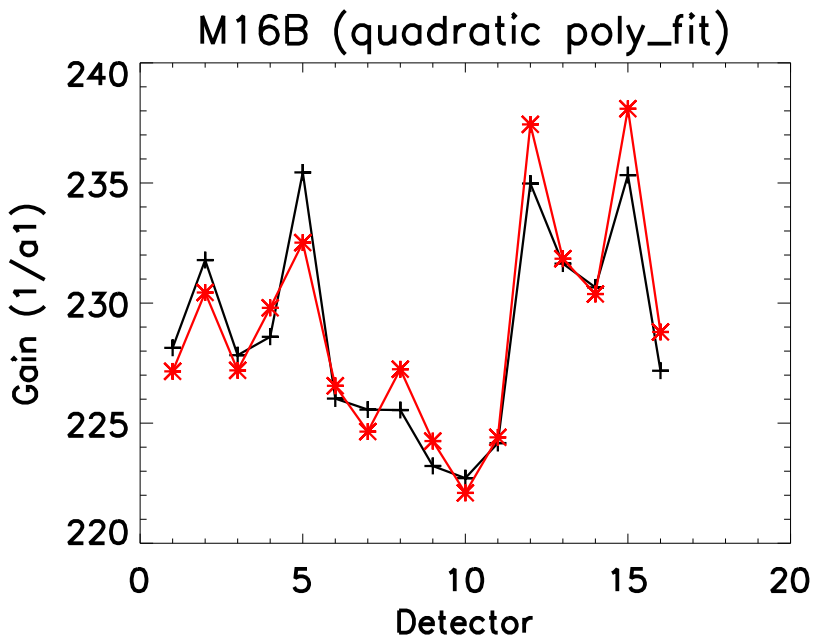

Detector Variation in Gain (1/a1) (cool-down)
I4 (quadratic poly_fit)
I5 (quadratic poly_fit)
M12 (quadratic poly_fit)
M13 (quadratic poly_fit)
Gain (1/a1)
Detector
HAM A, SS1
HAM B, SS1
HAM A, SS2
HAM B, SS2

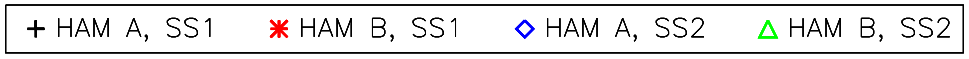
Detector Variation in Gain (1/a1) (cool-down)

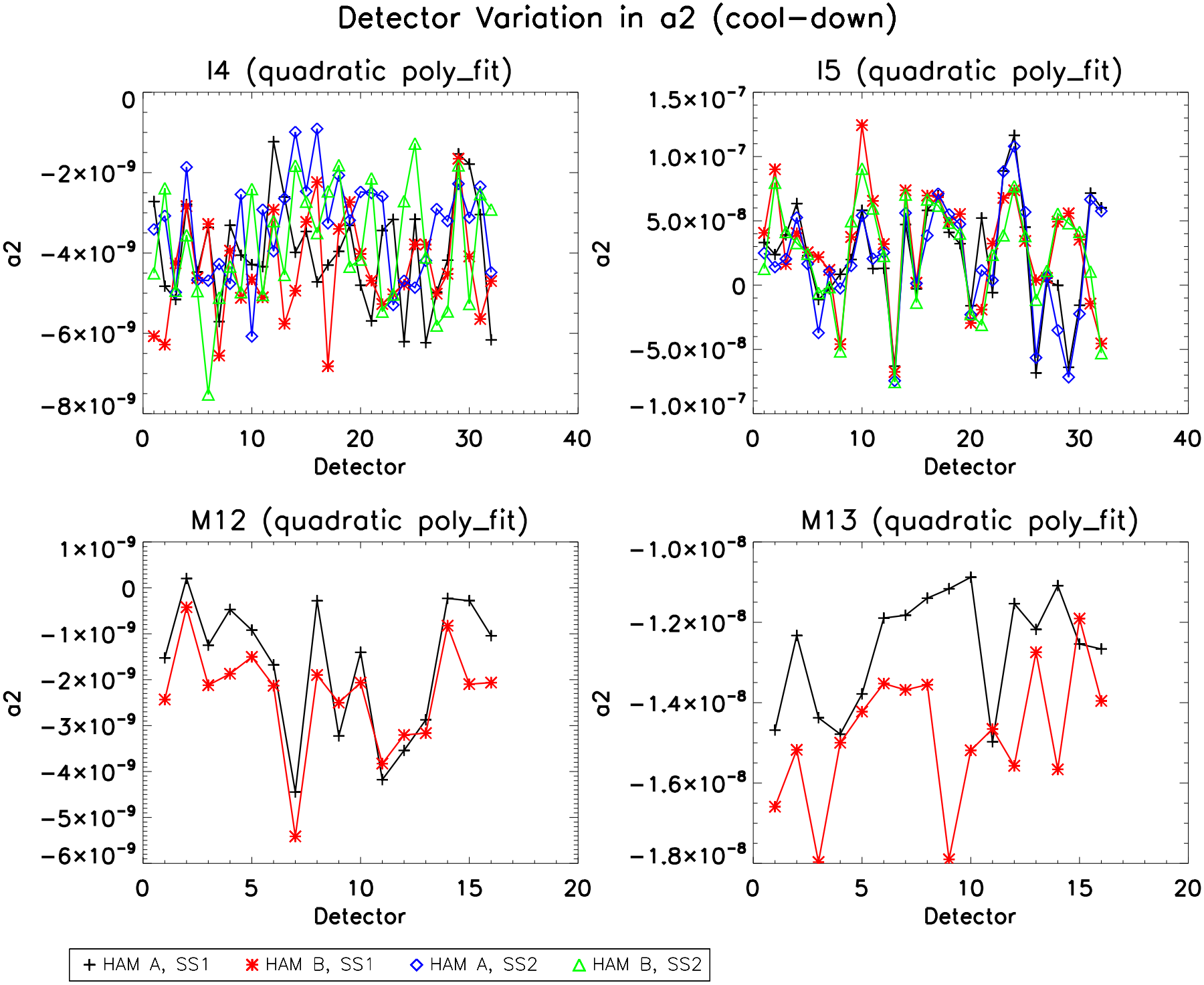


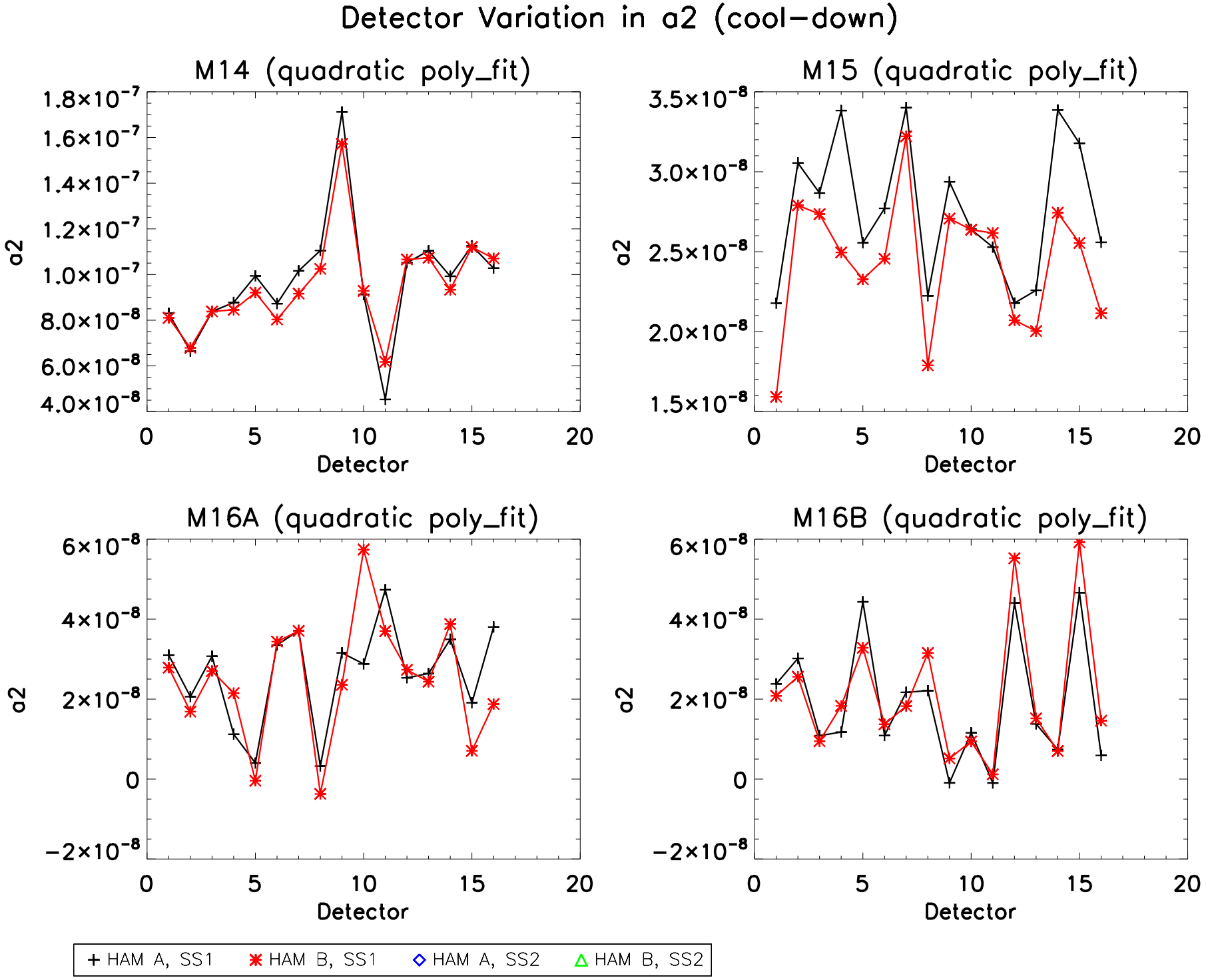




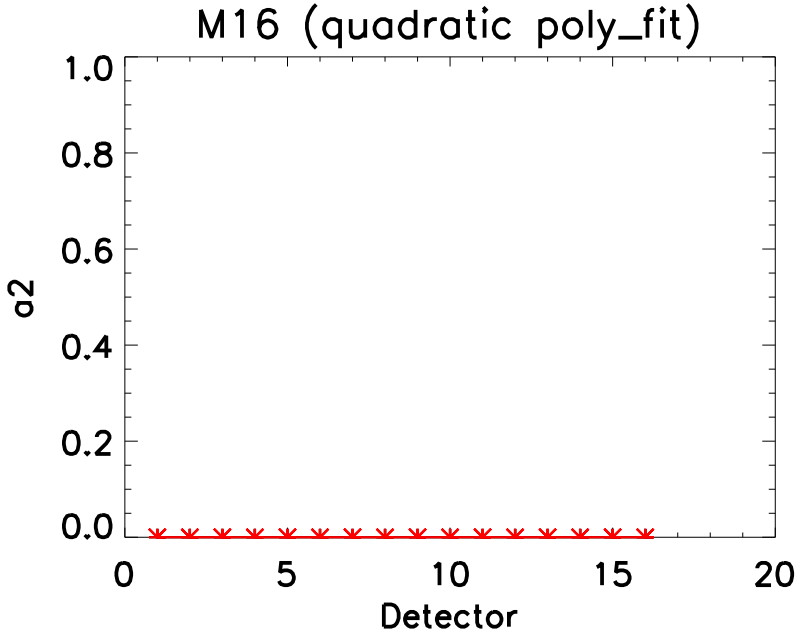





Detector Variation in a2 (cool−down)
I4 (quadratic poly_fit)
I5 (quadratic poly_fit)
M12 (quadratic poly_fit)
M13 (quadratic poly_fit)
a2
Detector
0
−2×10⁻⁹
−4×10⁻⁹
−6×10⁻⁹
−8×10⁻⁹
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
−5.0×10⁻⁸
−1.0×10⁻⁷
1×10⁻⁹
−1×10⁻⁹
−2×10⁻⁹
−3×10⁻⁹
−4×10⁻⁹
−5×10⁻⁹
−6×10⁻⁹
−1.0×10⁻⁸
−1.2×10⁻⁸
−1.4×10⁻⁸
−1.6×10⁻⁸
−1.8×10⁻⁸
0
10
20
30
40
5
15
HAM A, SS1
HAM B, SS1
HAM A, SS2
HAM B, SS2


Detector Variation in a2 (cool−down)
M14 (quadratic poly_fit)
M15 (quadratic poly_fit)
M16A (quadratic poly_fit)
M16B (quadratic poly_fit)
a2
Detector
1.8×10⁻⁷
1.6×10⁻⁷
1.4×10⁻⁷
1.2×10⁻⁷
1.0×10⁻⁷
8.0×10⁻⁸
6.0×10⁻⁸
4.0×10⁻⁸
3.5×10⁻⁸
3.0×10⁻⁸
2.5×10⁻⁸
2.0×10⁻⁸
1.5×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
0
5
10
15
20
HAM A, SS1
HAM B, SS1
HAM A, SS2
HAM B, SS2

Detector Variation in a2 (cool-down)



+ HAM A, SS1 ✳ HAM B, SS1 ◇ HAM A, SS2 △ HAM B, SS2