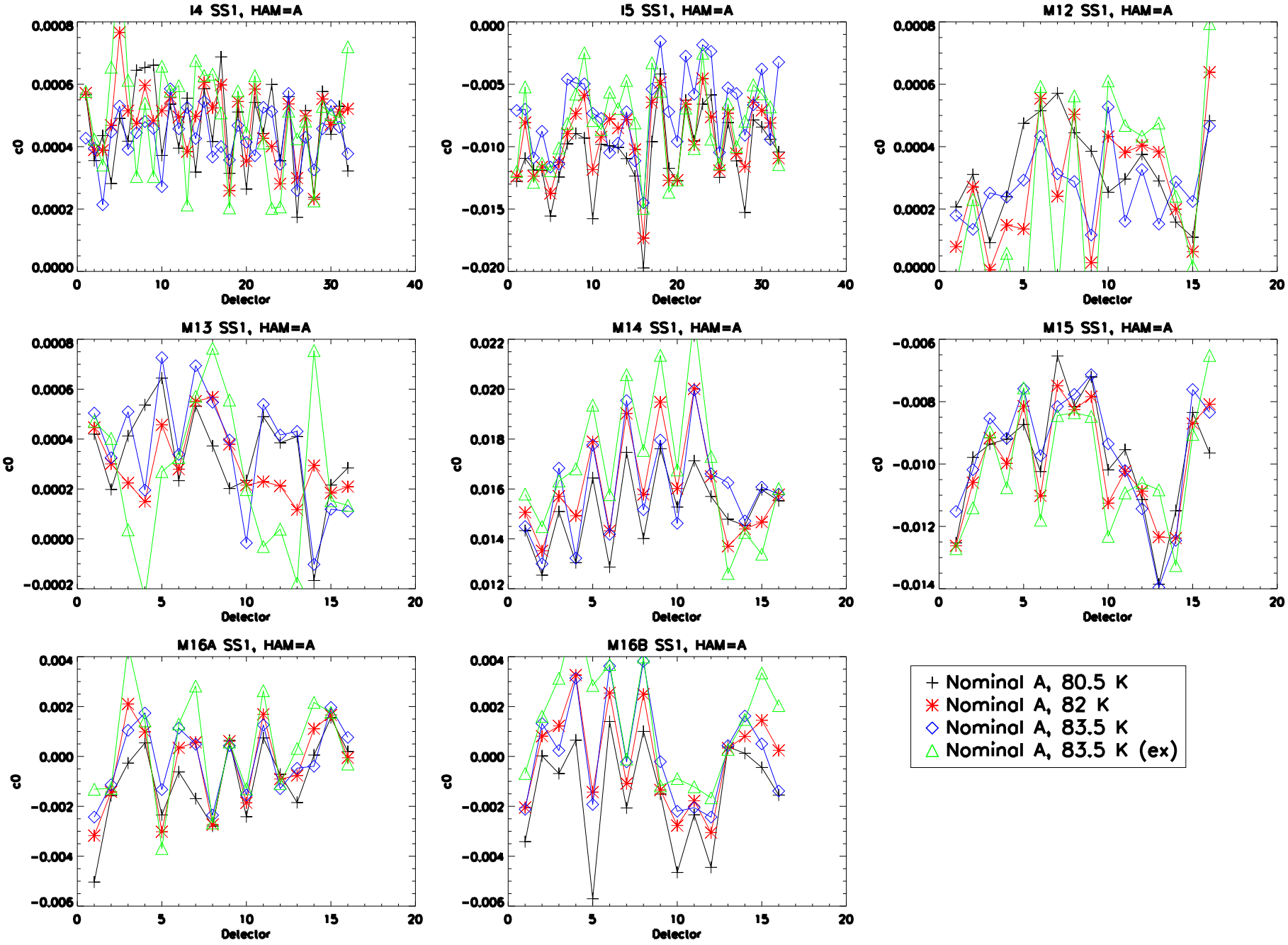
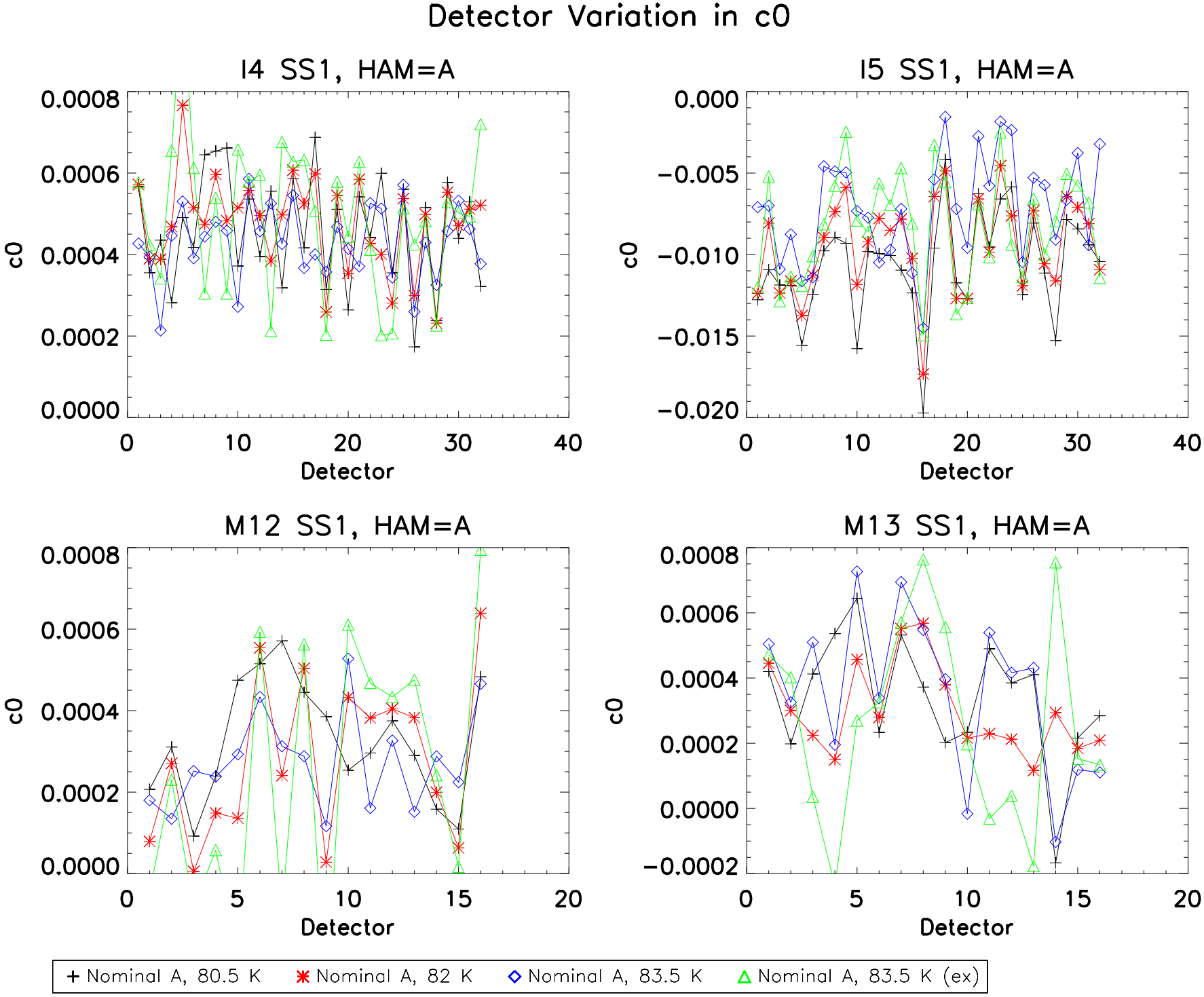
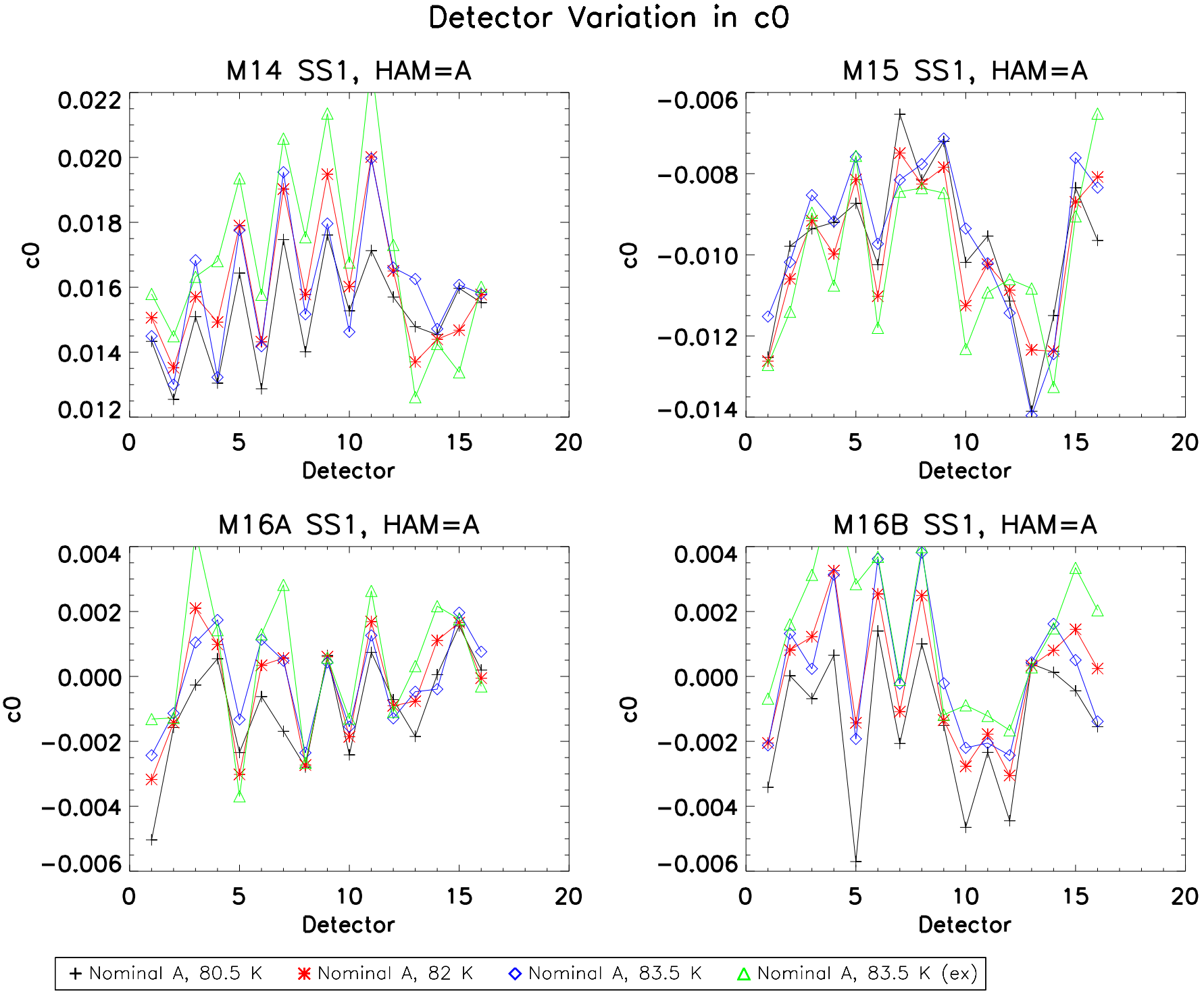
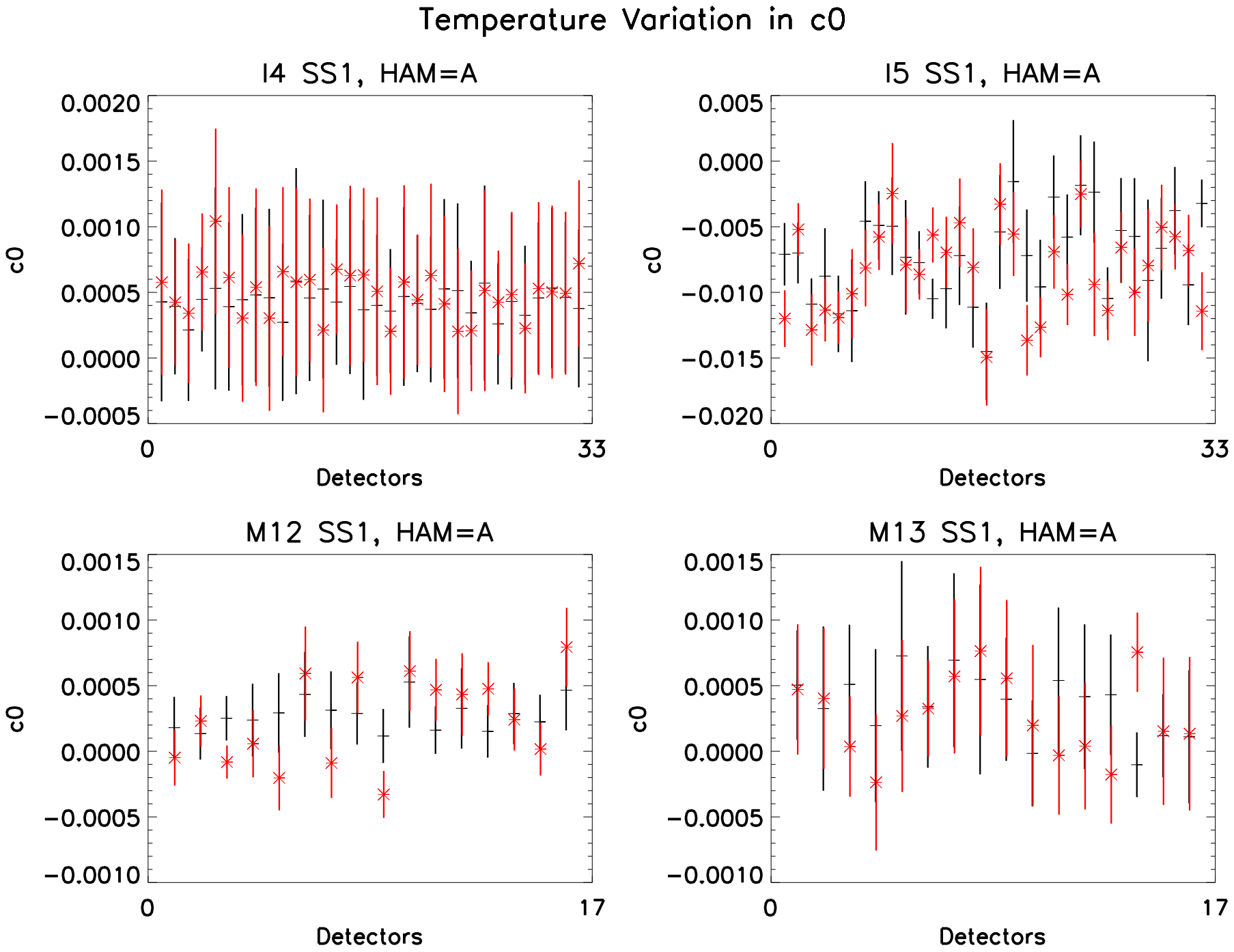
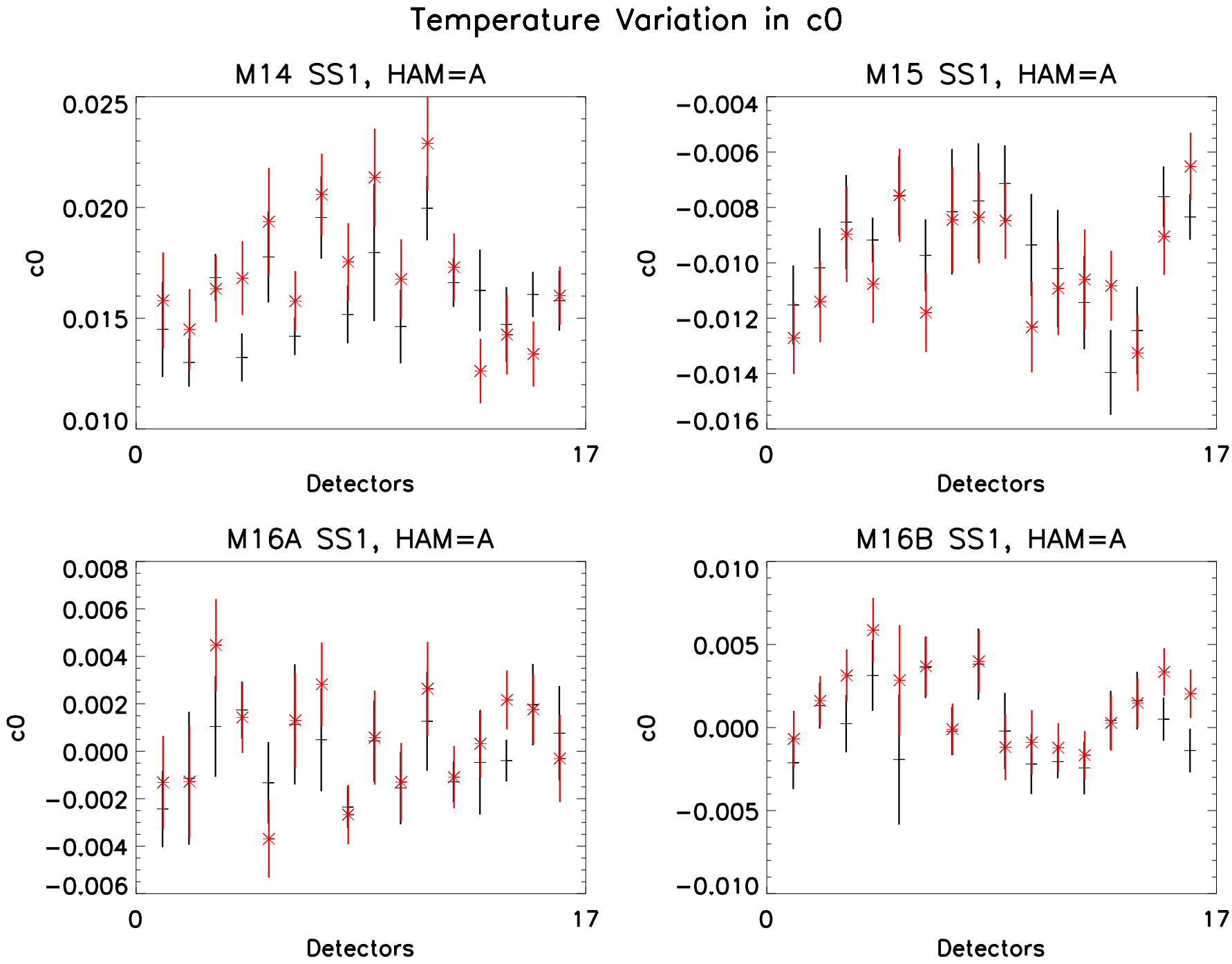
Detector Variation in c0



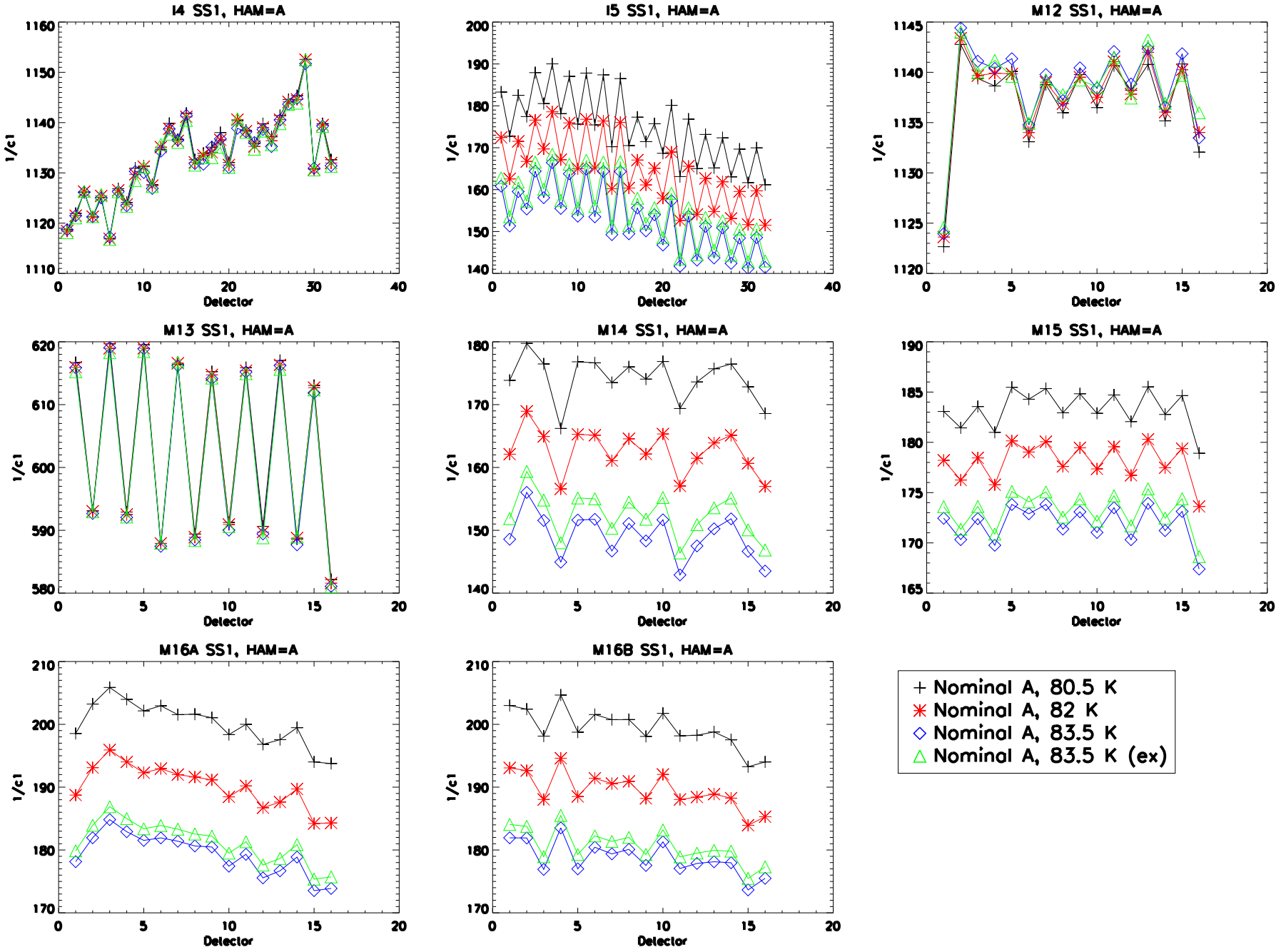

Detector Variation in c0
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
c0
Detector
0.0008
0.0006
0.0004
0.0002
0.0000
0.000
−0.005
−0.010
−0.015
−0.020
−0.0002
0
5
10
15
20
30
40
Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)


Detector Variation in c0
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
c0
Detector
0.022
0.020
0.018
0.016
0.014
0.012
−0.006
−0.008
−0.010
−0.012
−0.014
0.004
0.002
0.000
−0.002
−0.004
−0.006
0
5
10
15
20
+ Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)

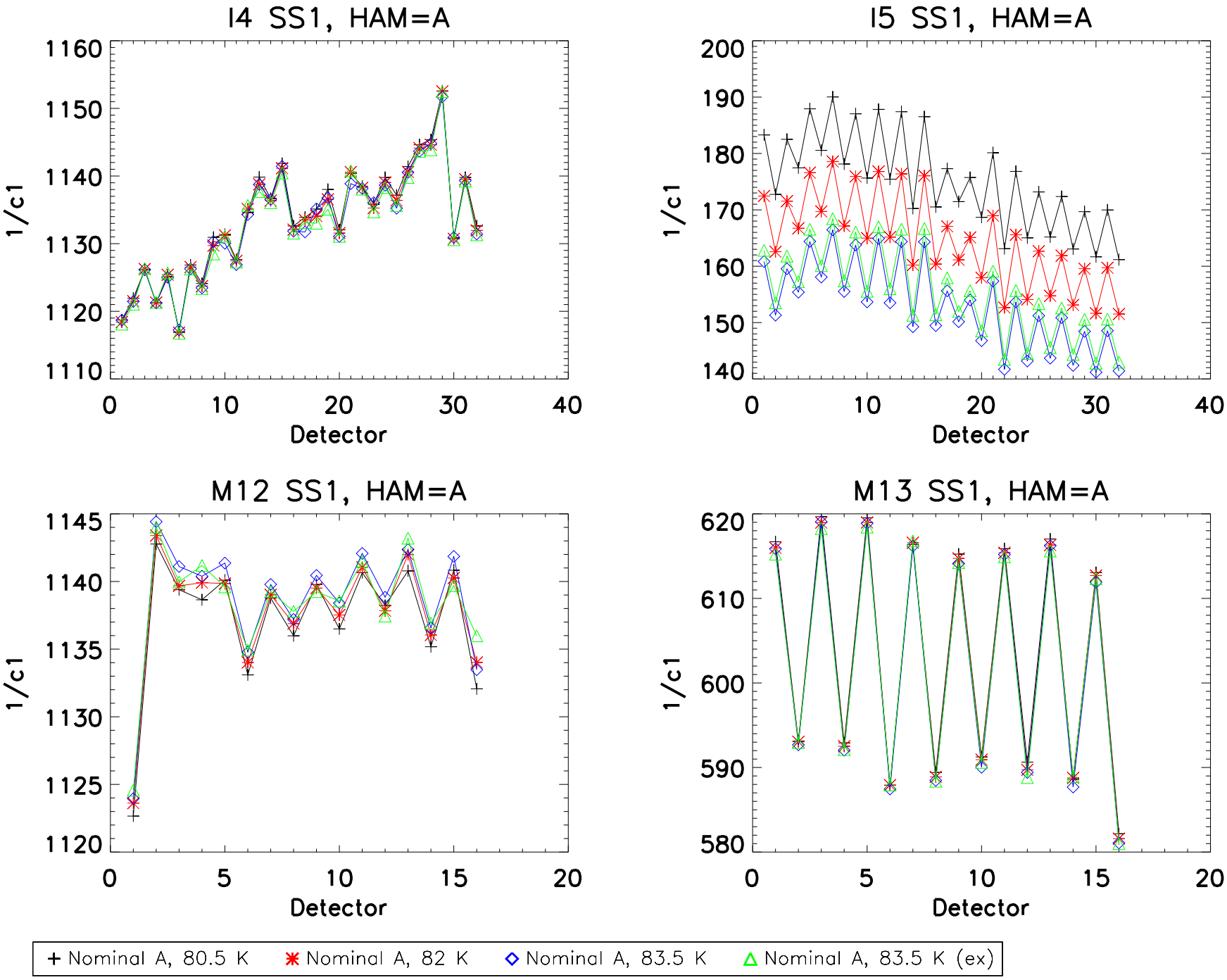

Temperature Variation in c0
I4 SS1, HAM=A
0.0020
0.0015
0.0010
0.0005
0.0000
−0.0005
c0
0
33
Detectors
I5 SS1, HAM=A
0.005
0.000
−0.005
−0.010
−0.015
−0.020
c0
0
33
Detectors
M12 SS1, HAM=A
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
c0
0
17
Detectors
M13 SS1, HAM=A
0.0015
0.0010
0.0005
0.0000
−0.0005
−0.0010
c0
0
17
Detectors


Temperature Variation in c0
M14 SS1, HAM=A
0.025
0.020
0.015
0.010
c0
0
17
Detectors
M15 SS1, HAM=A
−0.004
−0.006
−0.008
−0.010
−0.012
−0.014
−0.016
c0
0
17
Detectors
M16A SS1, HAM=A
0.008
0.006
0.004
0.002
0.000
−0.002
−0.004
−0.006
c0
0
17
Detectors
M16B SS1, HAM=A
0.010
0.005
0.000
−0.005
−0.010
c0
0
17
Detectors

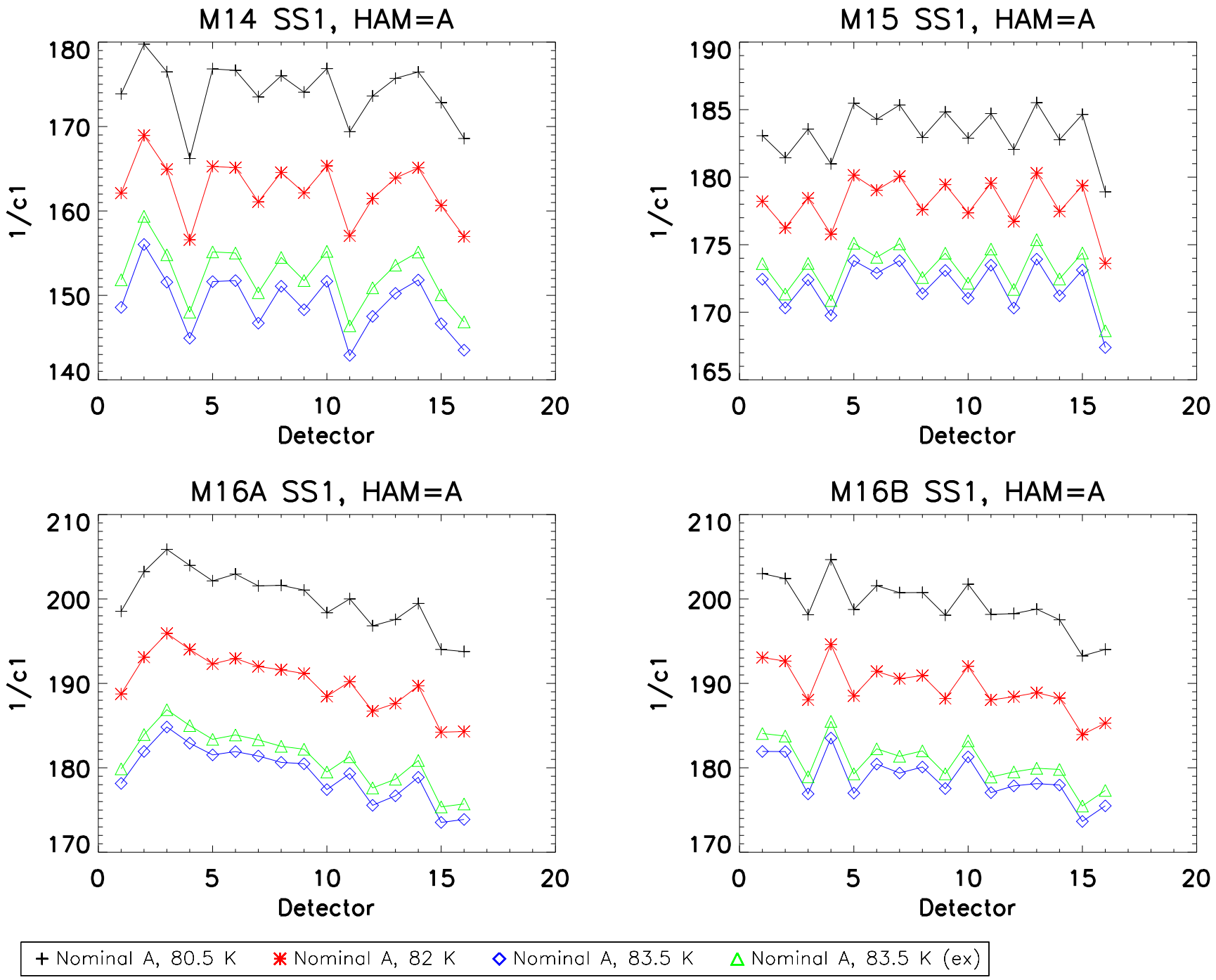
Detector Variation in 1/c1



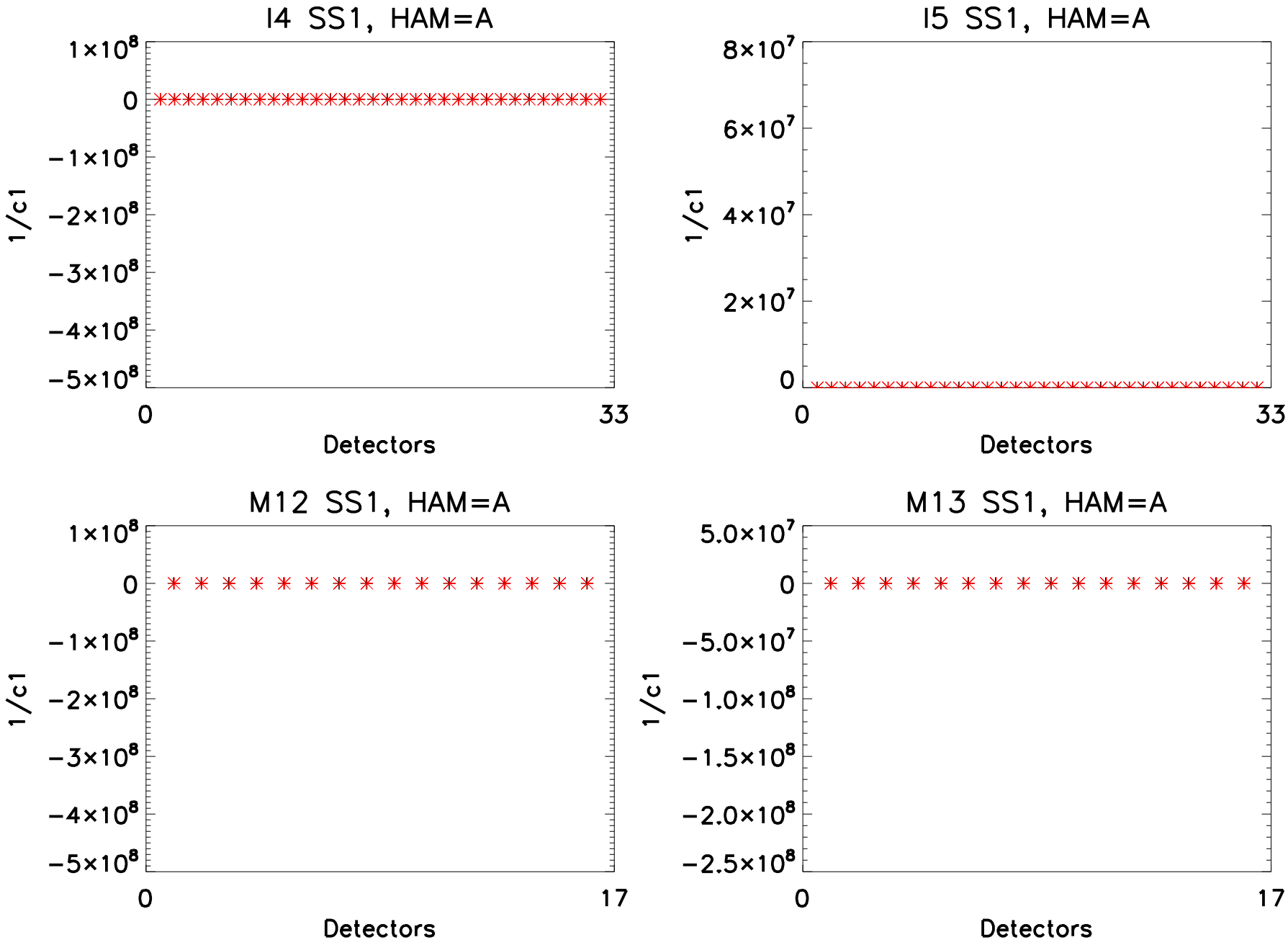
Detector Variation in 1/c1



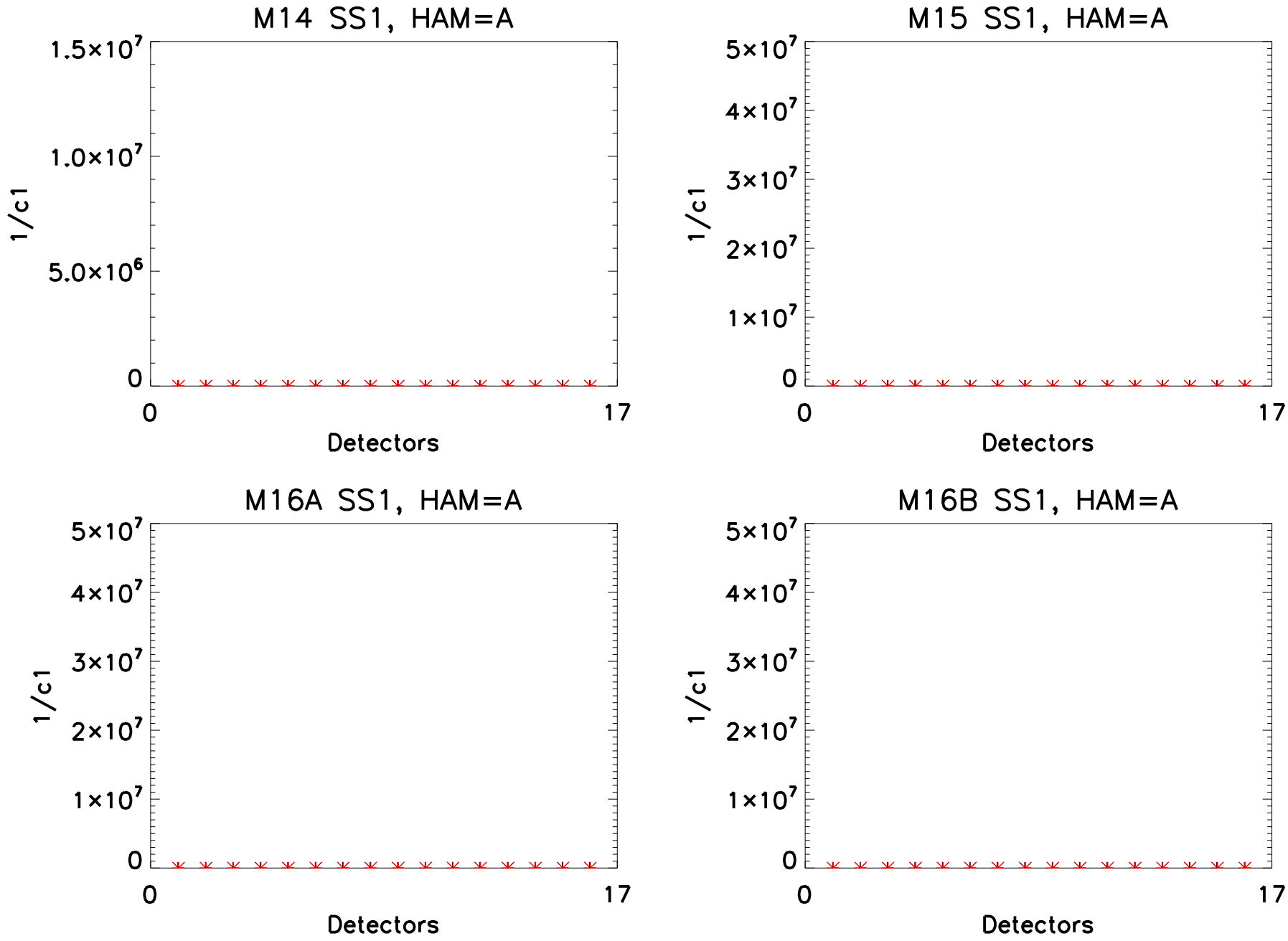
Detector Variation in 1/c1



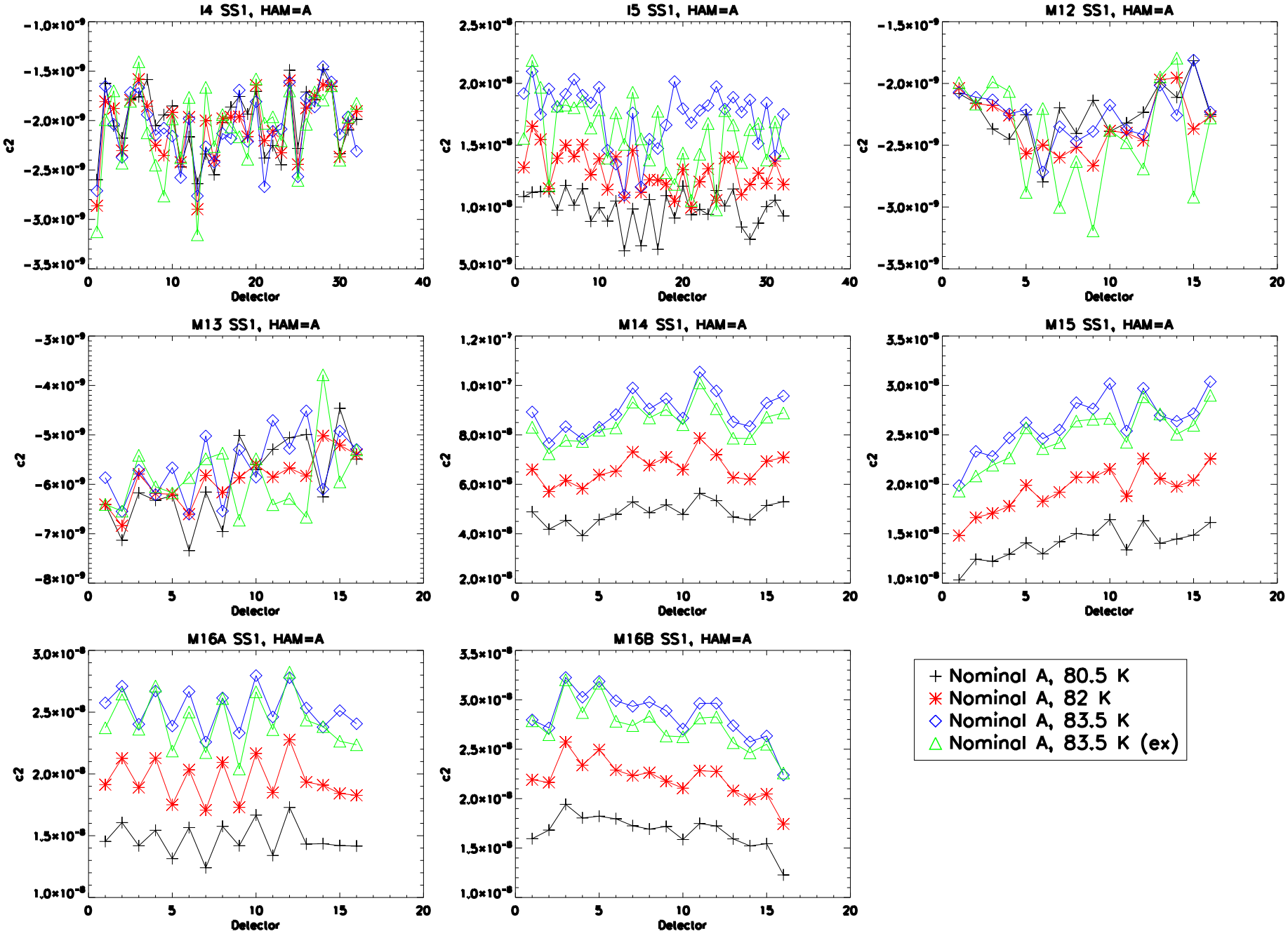
Temperature Variation in 1/c1

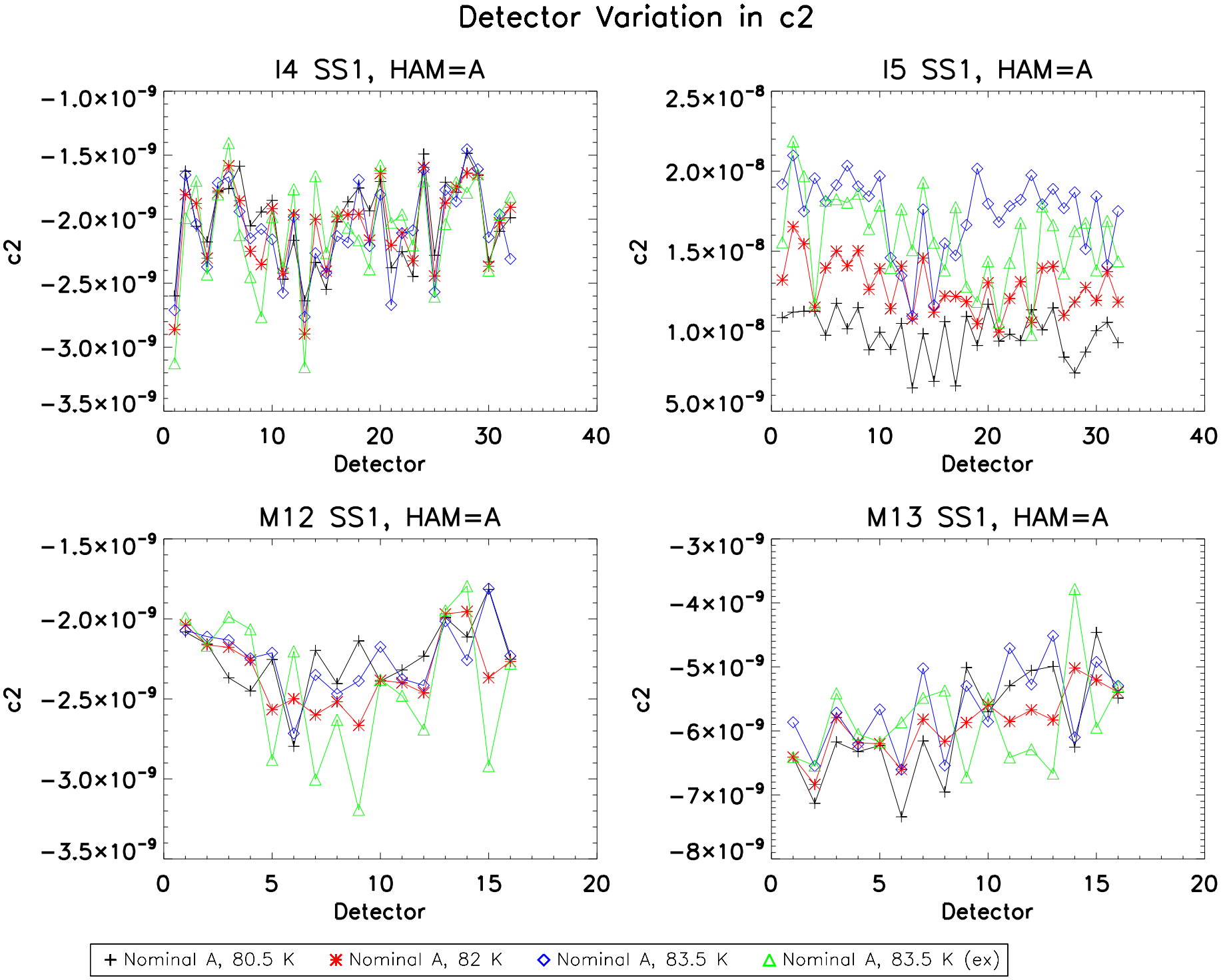


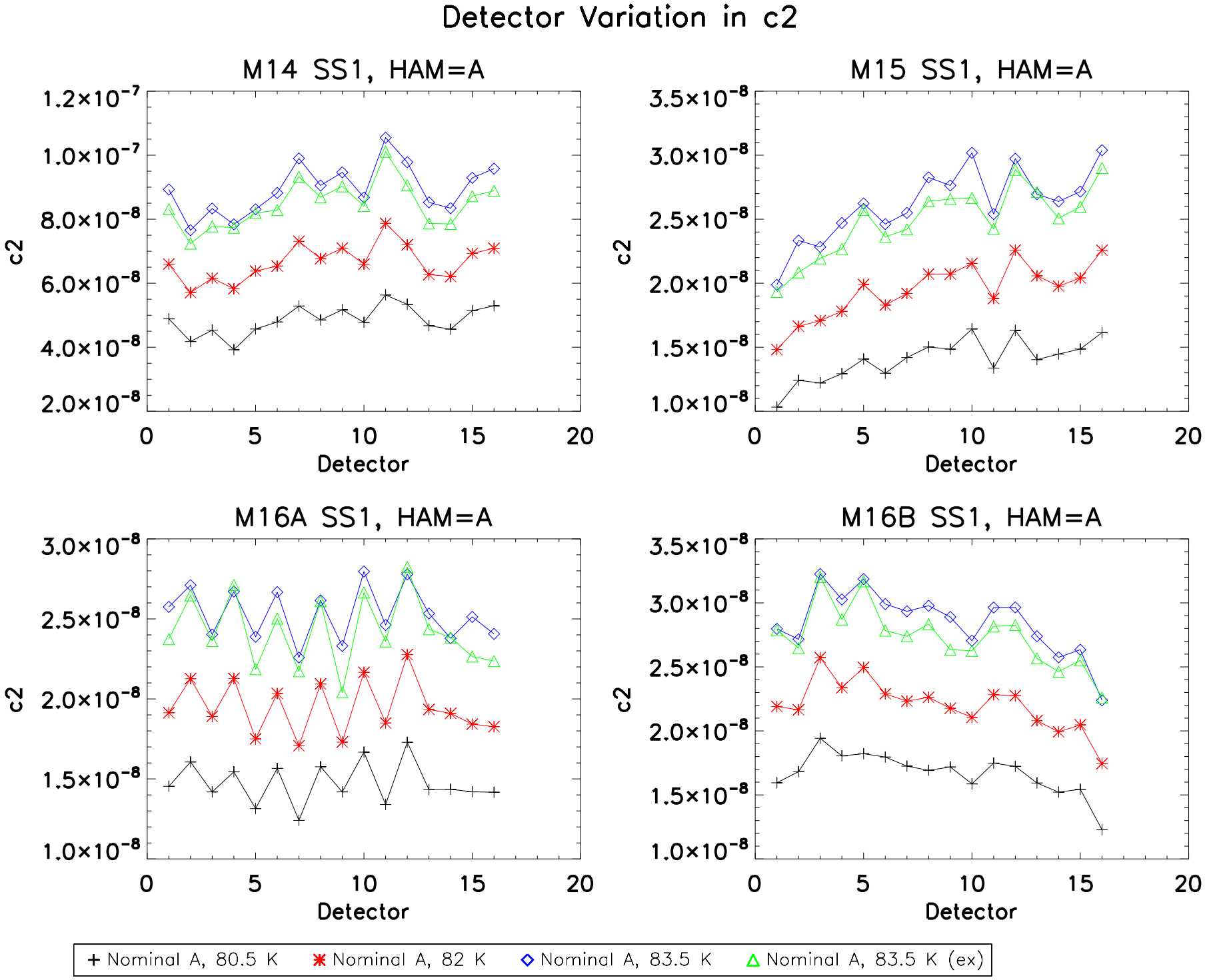
Temperature Variation in 1/c1

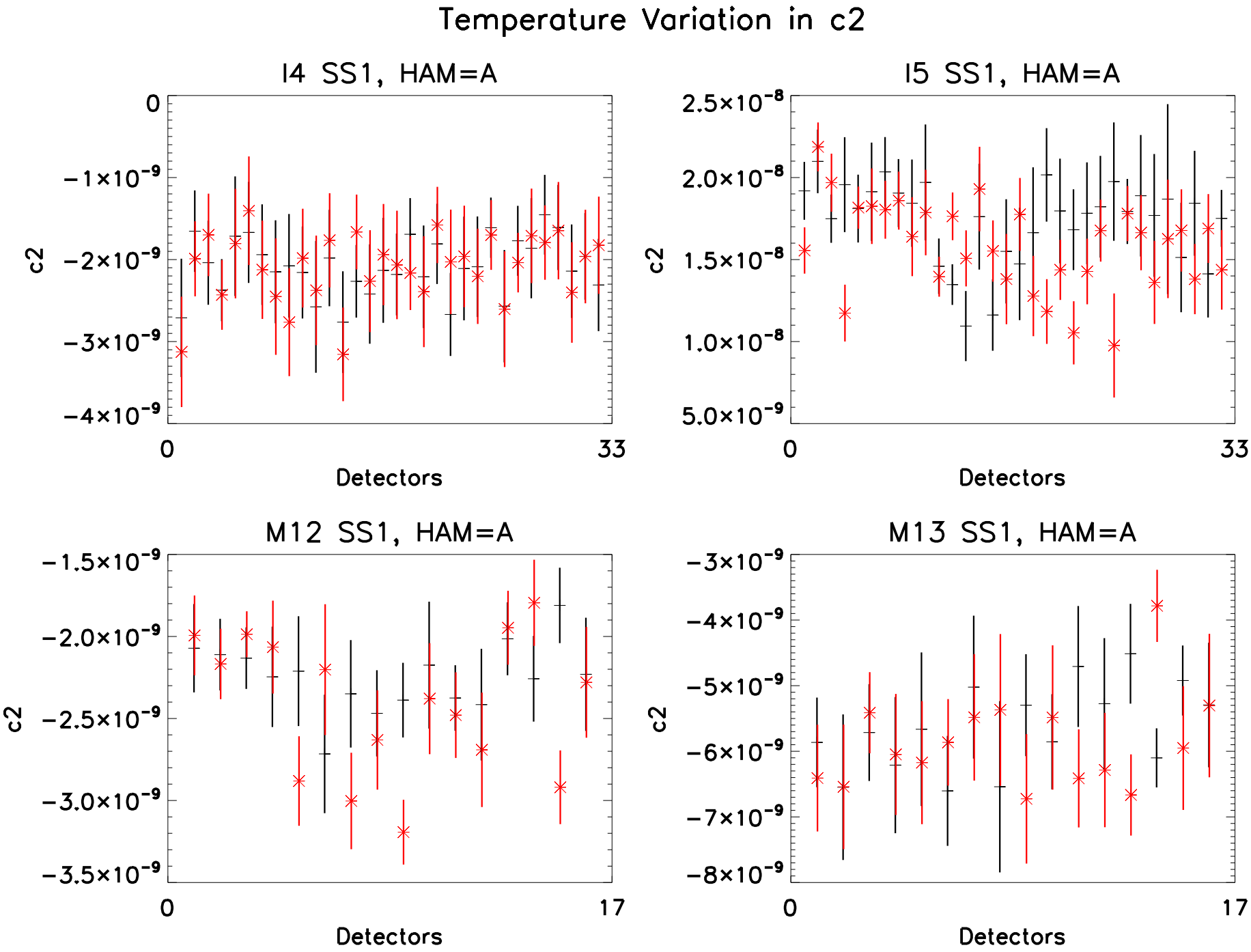


Detector Variation in c2

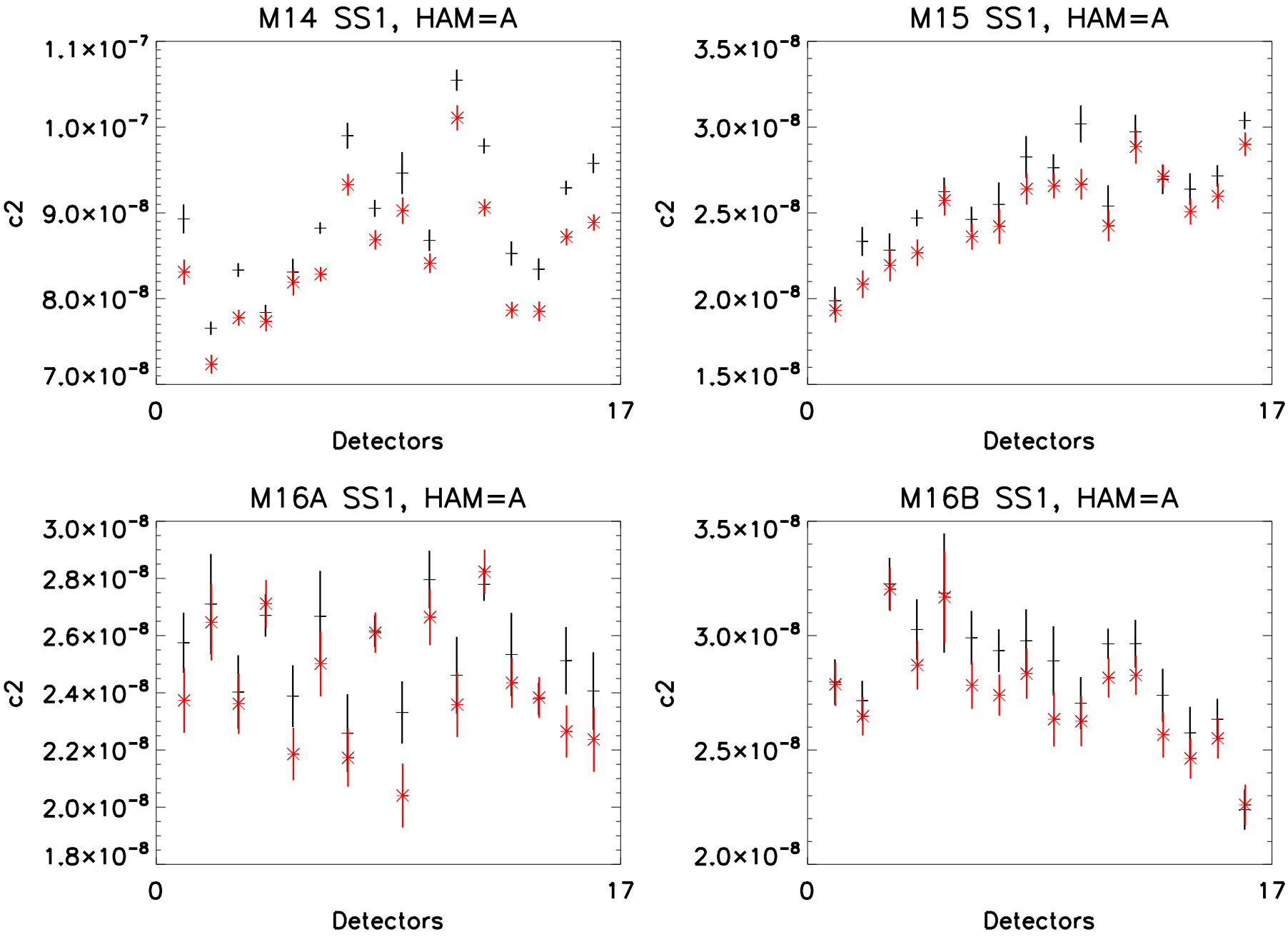



Detector Variation in c2
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
c2
Detector
−1.0×10−9
−1.5×10−9
−2.0×10−9
−2.5×10−9
−3.0×10−9
−3.5×10−9
2.5×10−8
2.0×10−8
1.5×10−8
1.0×10−8
5.0×10−9
−3×10−9
−4×10−9
−5×10−9
−6×10−9
−7×10−9
−8×10−9
0
5
10
15
20
30
40
Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)

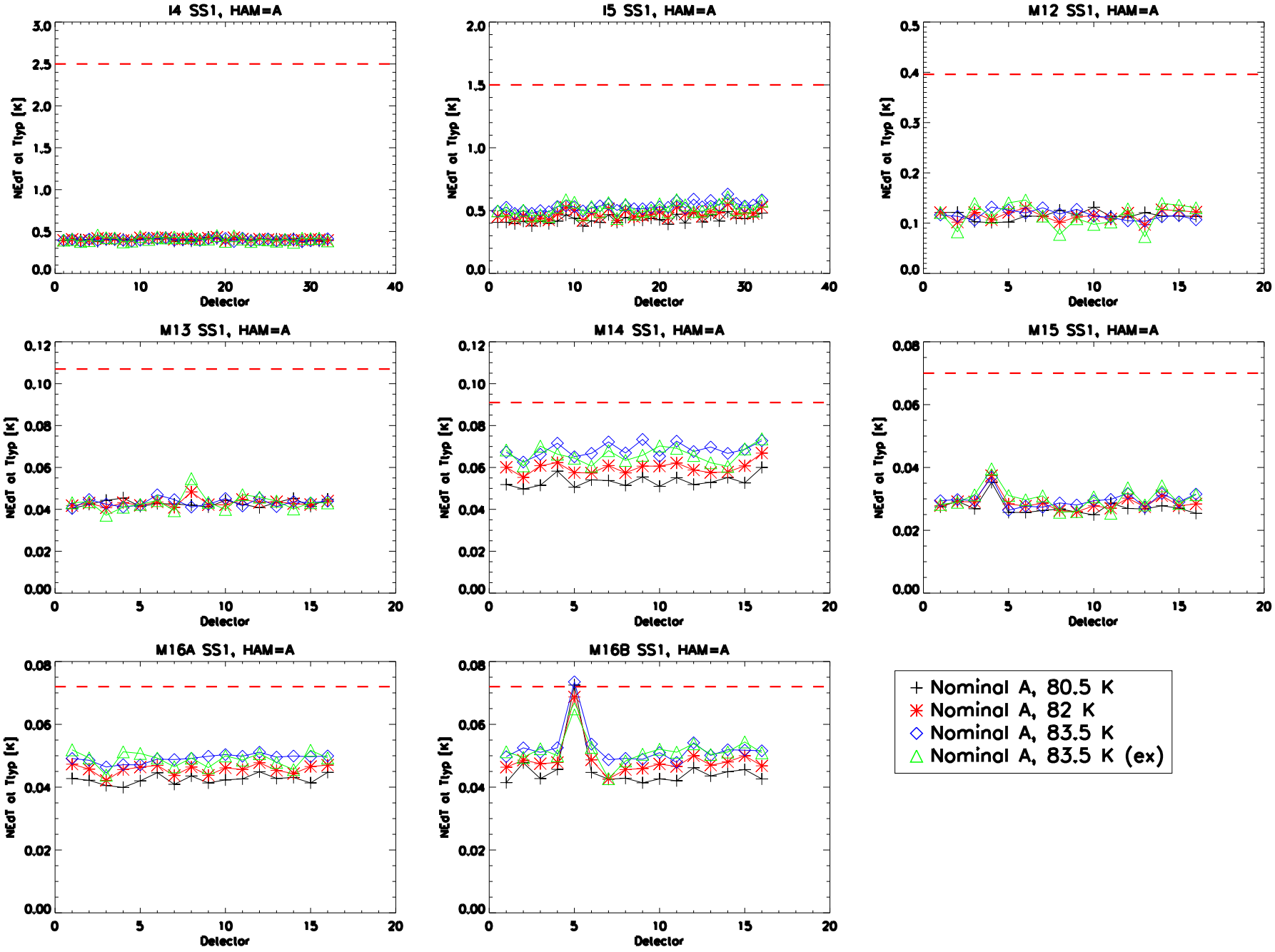

Detector Variation in c2
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
c2
Detector
1.2×10⁻⁷
1.0×10⁻⁷
8.0×10⁻⁸
6.0×10⁻⁸
4.0×10⁻⁸
2.0×10⁻⁸
3.5×10⁻⁸
3.0×10⁻⁸
2.5×10⁻⁸
2.0×10⁻⁸
1.5×10⁻⁸
1.0×10⁻⁸
0
5
10
15
20
Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)

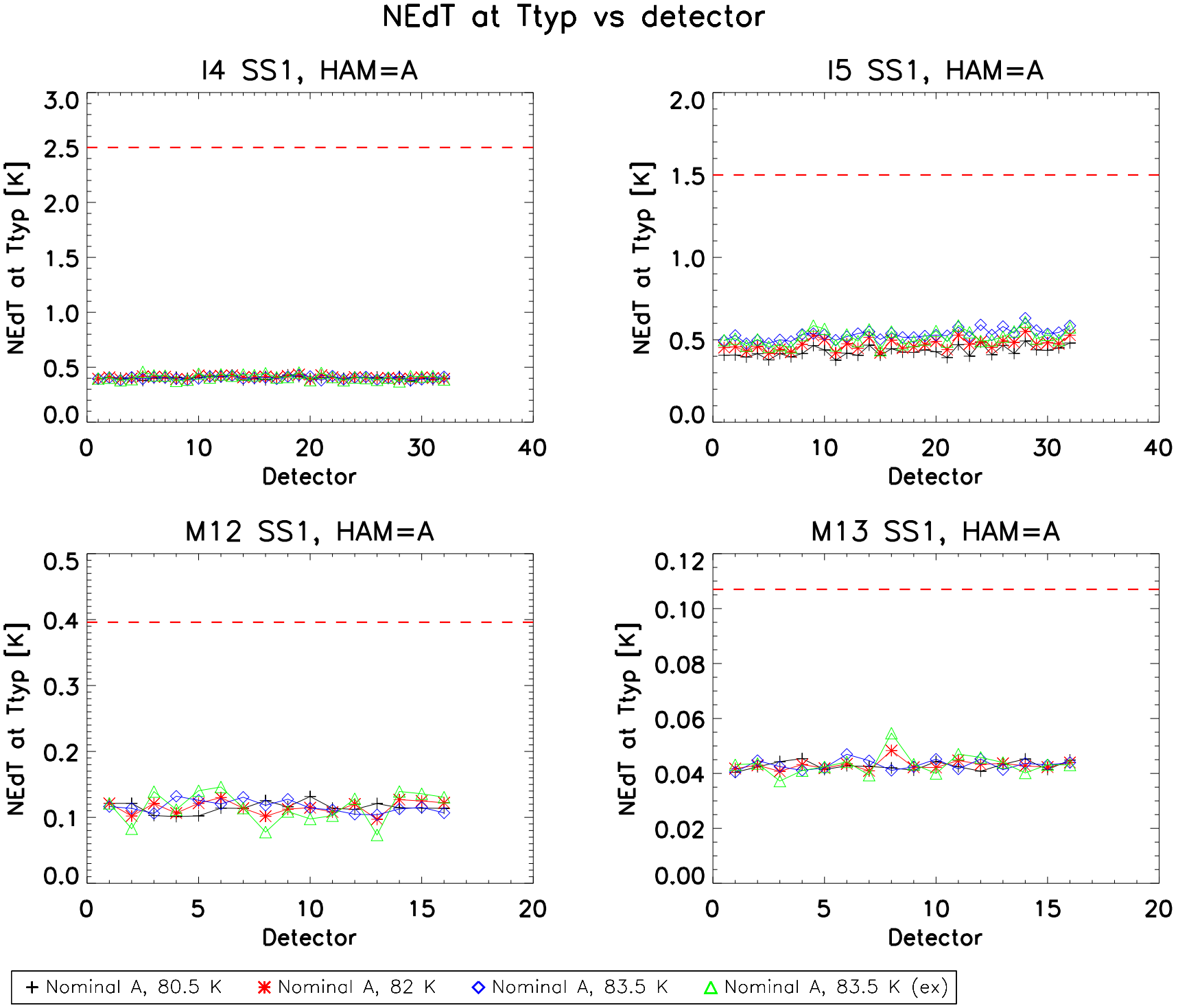

Temperature Variation in c2
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
c2
Detectors
0
33
17
0
−1×10⁻⁹
−2×10⁻⁹
−3×10⁻⁹
−4×10⁻⁹
2.5×10⁻⁸
2.0×10⁻⁸
1.5×10⁻⁸
1.0×10⁻⁸
5.0×10⁻⁹
−1.5×10⁻⁹
−2.0×10⁻⁹
−2.5×10⁻⁹
−3.0×10⁻⁹
−3.5×10⁻⁹
−3×10⁻⁹
−4×10⁻⁹
−5×10⁻⁹
−6×10⁻⁹
−7×10⁻⁹
−8×10⁻⁹

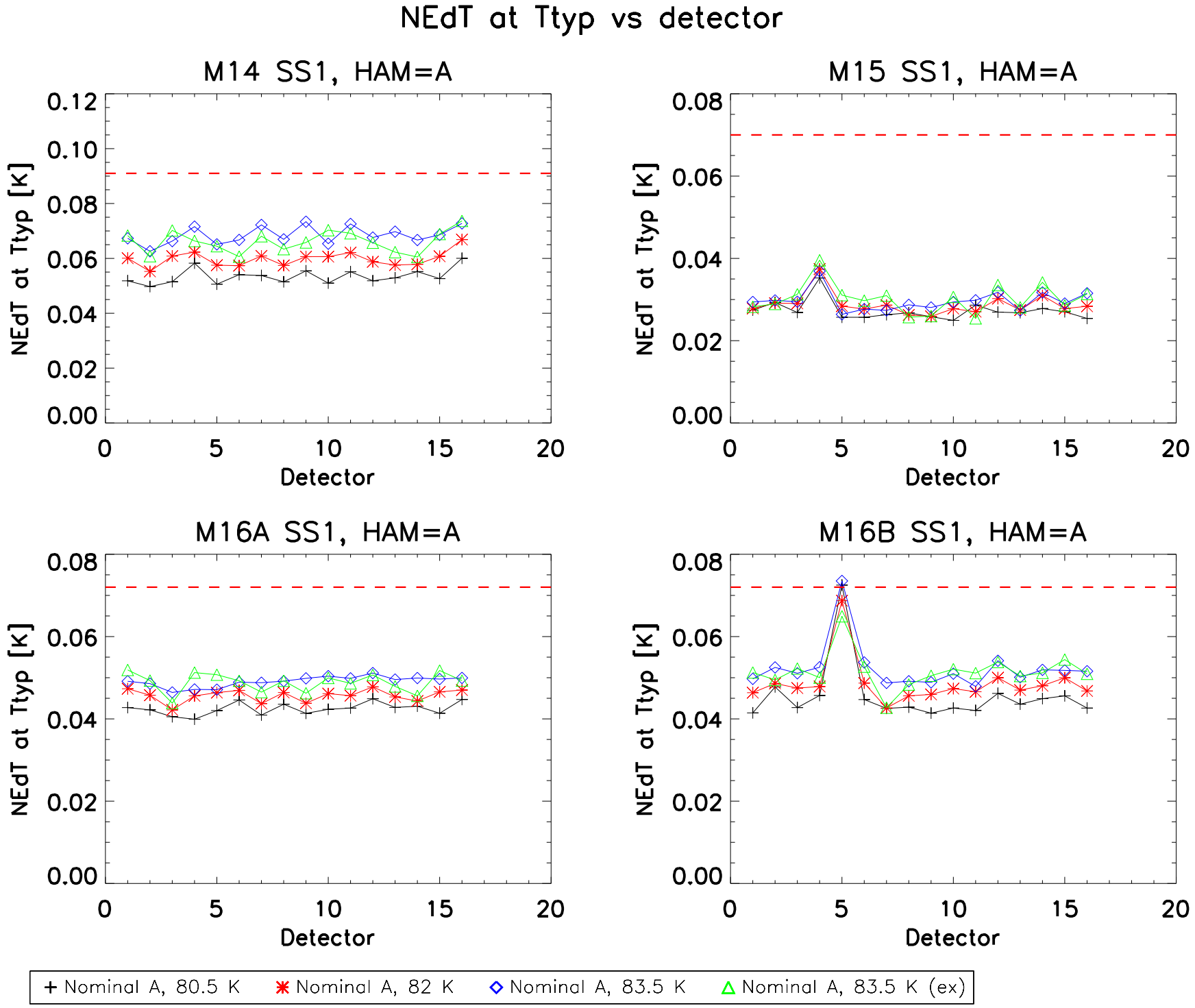
Temperature Variation in c2



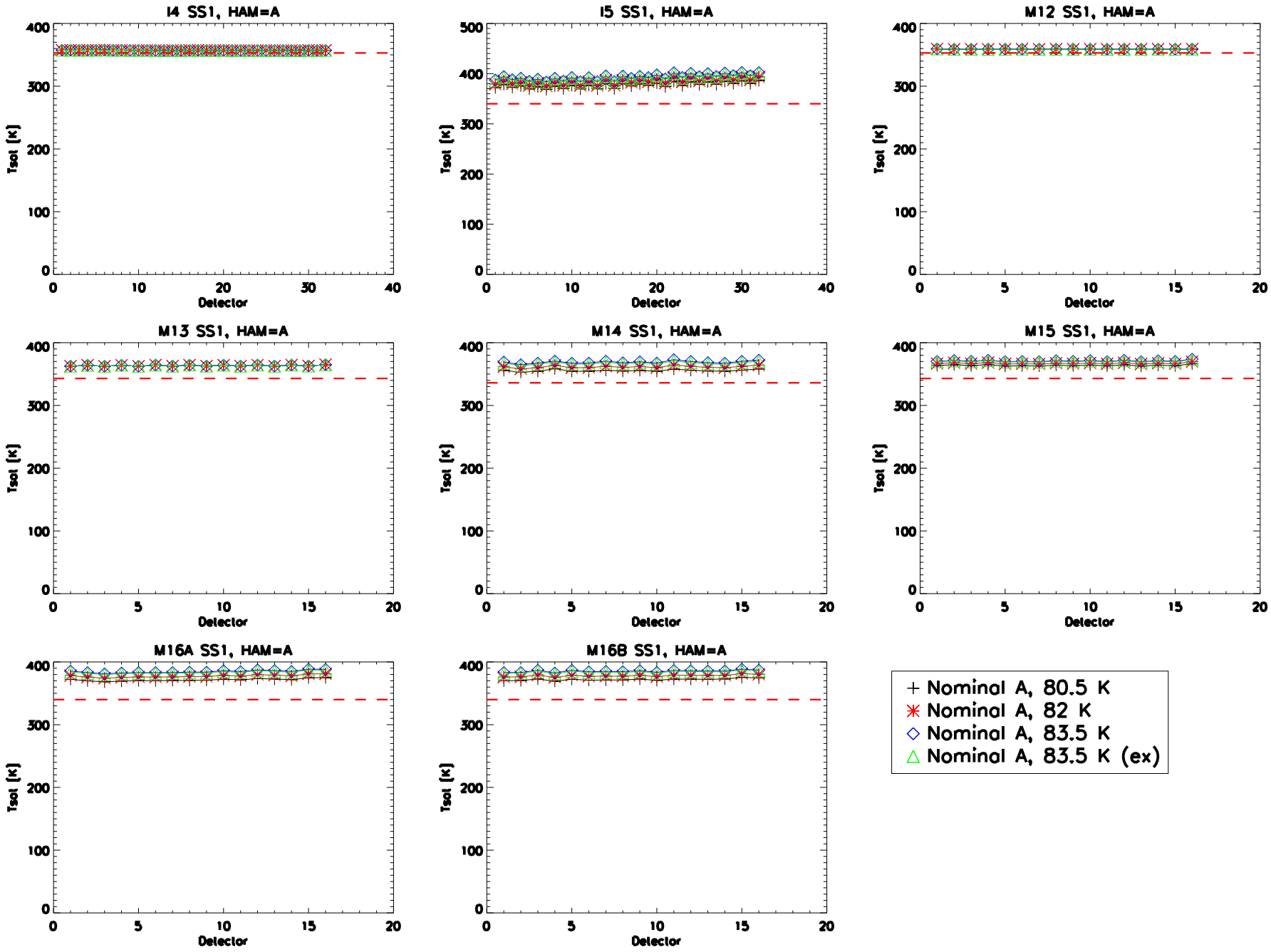
NEdT at Ttyp vs detector

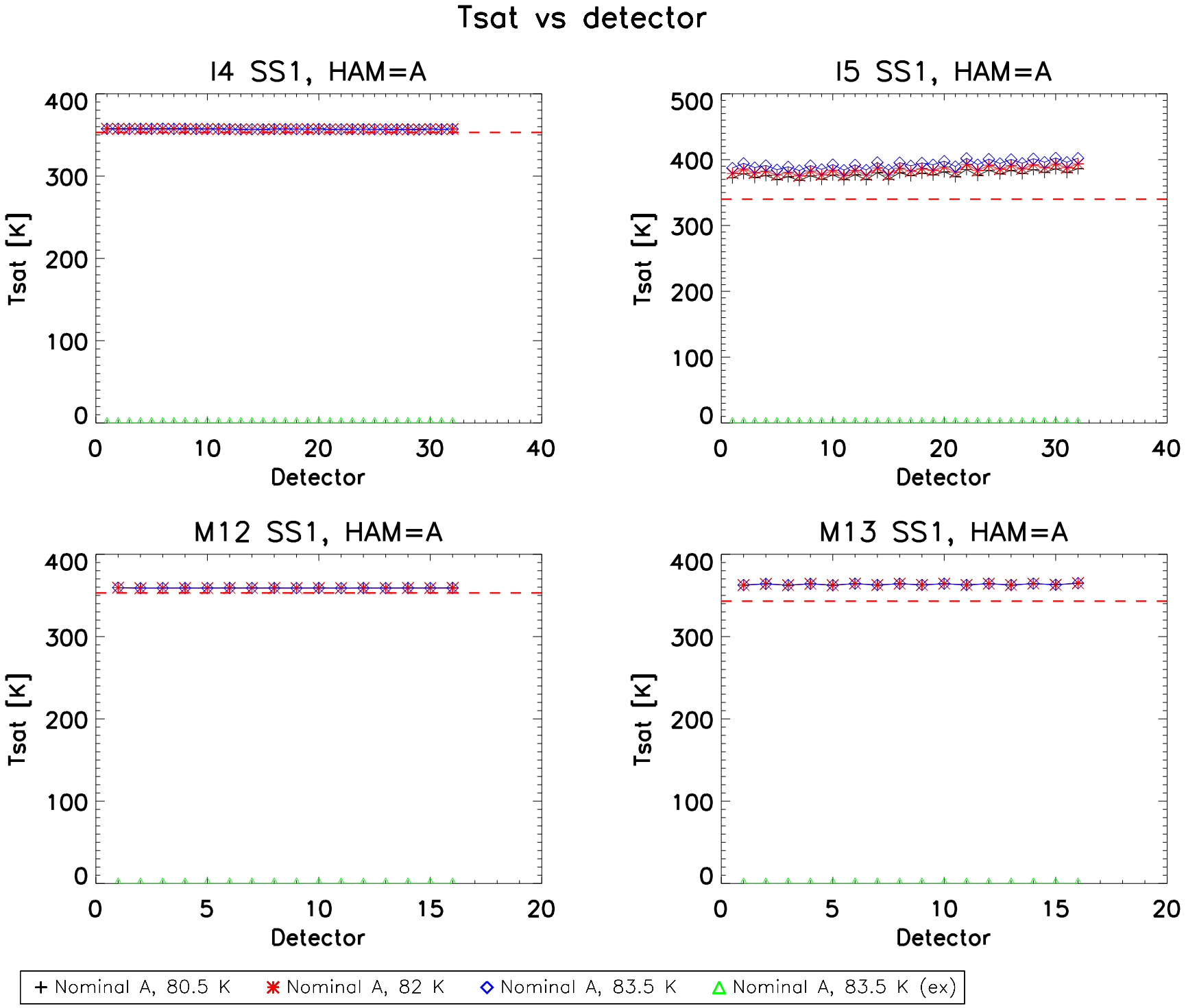


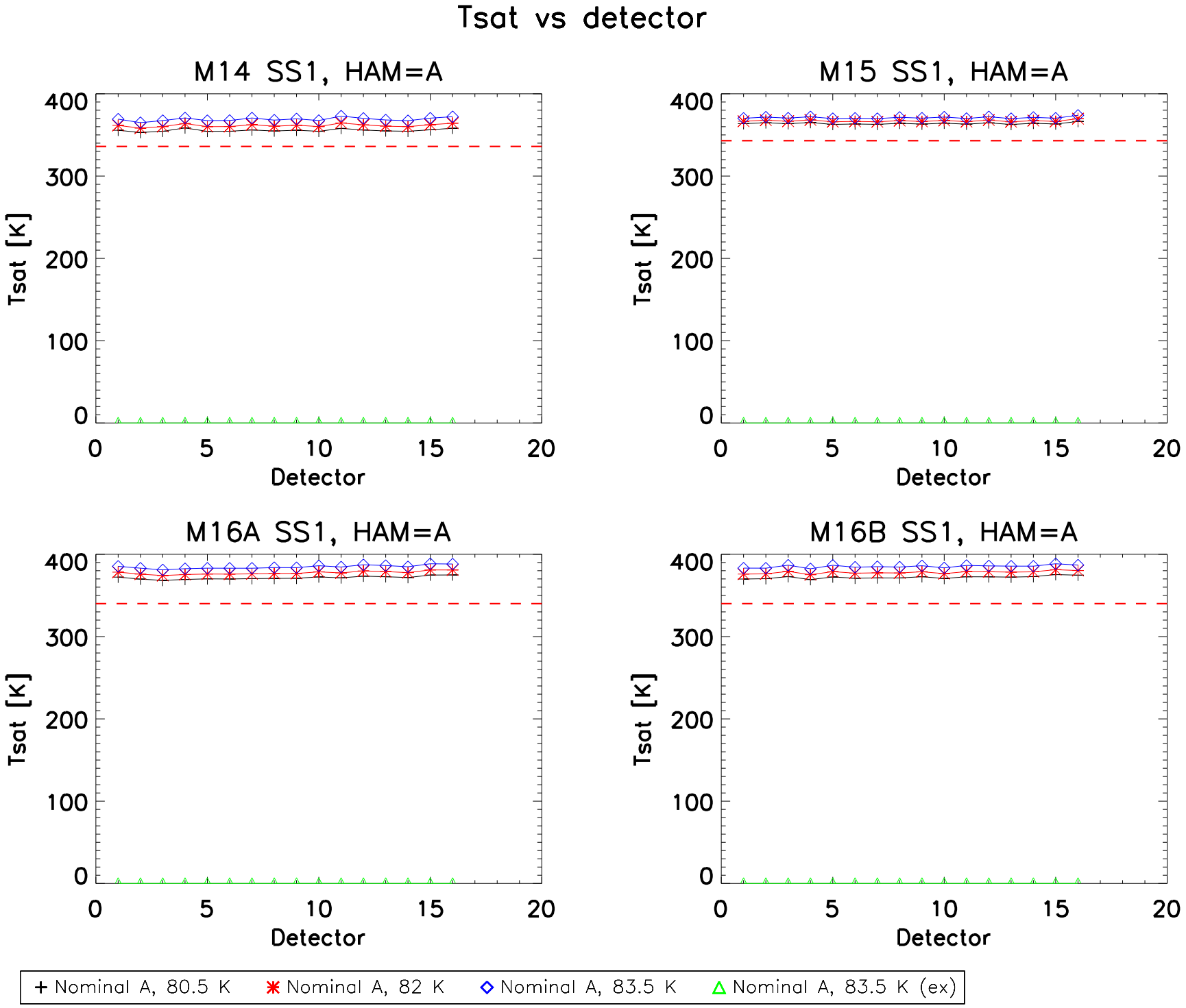

NEdT at Ttyp vs detector
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
NEdT at Ttyp [K]
Detector
+ Nominal A, 80.5 K
* Nominal A, 82 K
◇ Nominal A, 83.5 K
△ Nominal A, 83.5 K (ex)


NEdT at Ttyp vs detector
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
NEdT at Ttyp [K]
Detector
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0
5
10
15
20
+ Nominal A, 80.5 K
* Nominal A, 82 K
◇ Nominal A, 83.5 K
△ Nominal A, 83.5 K (ex)

Tsat vs detector




Tsat vs detector
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
Tsat [K]
Detector
+ Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)


Tsat vs detector
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
Tsat [K]
Detector
0
100
200
300
400
0
5
10
15
20
Nominal A, 80.5 K
Nominal A, 82 K
Nominal A, 83.5 K
Nominal A, 83.5 K (ex)