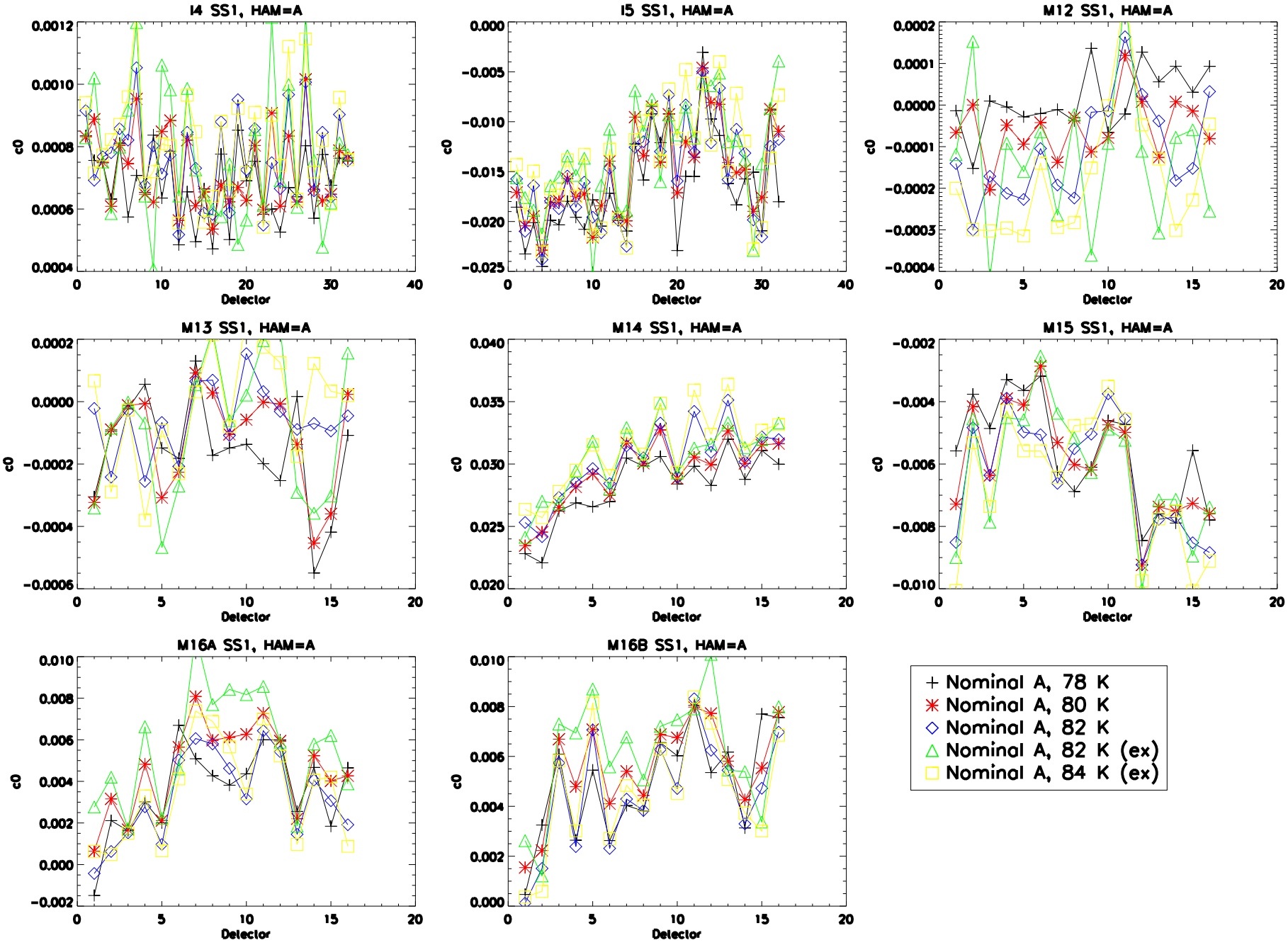
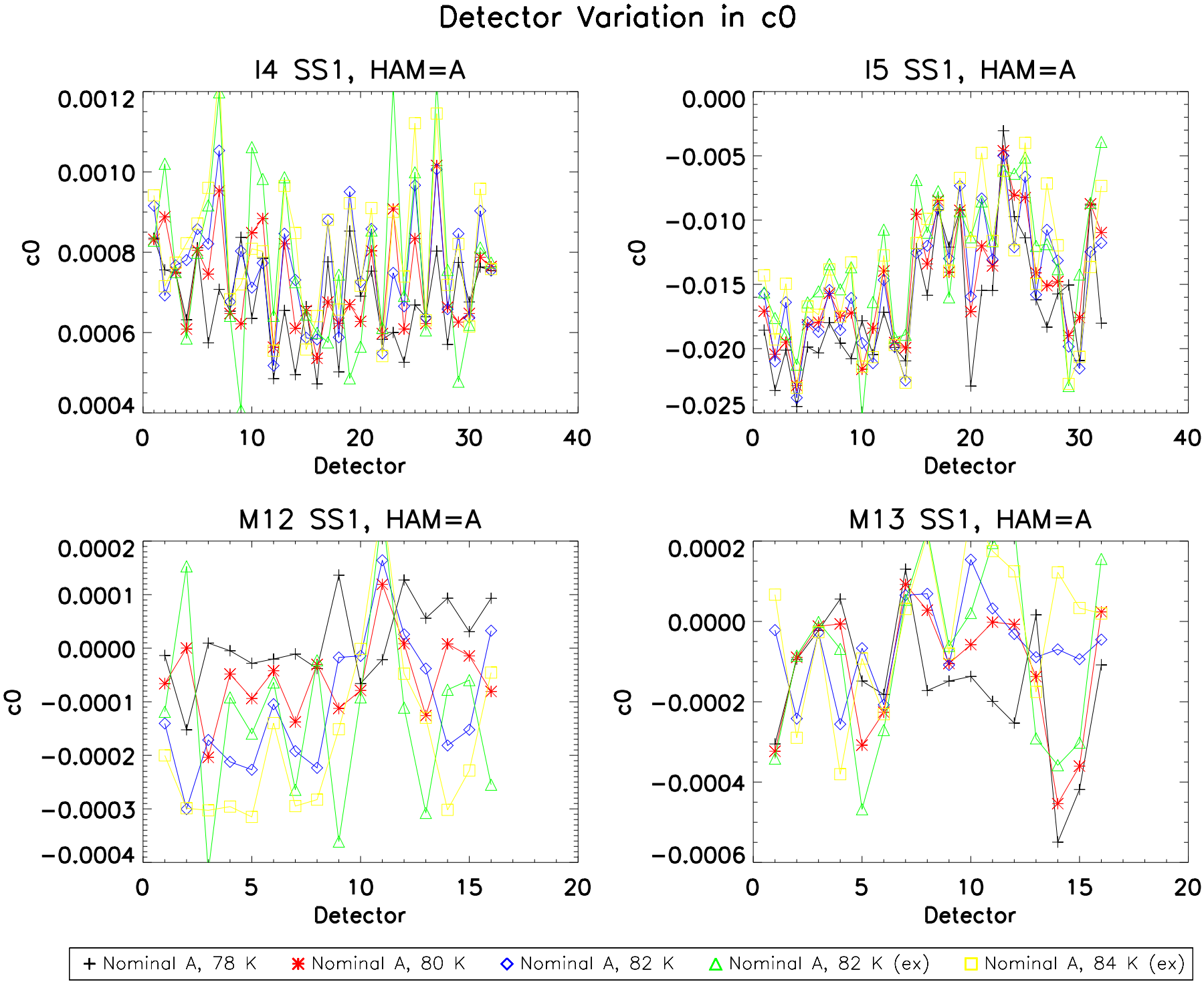
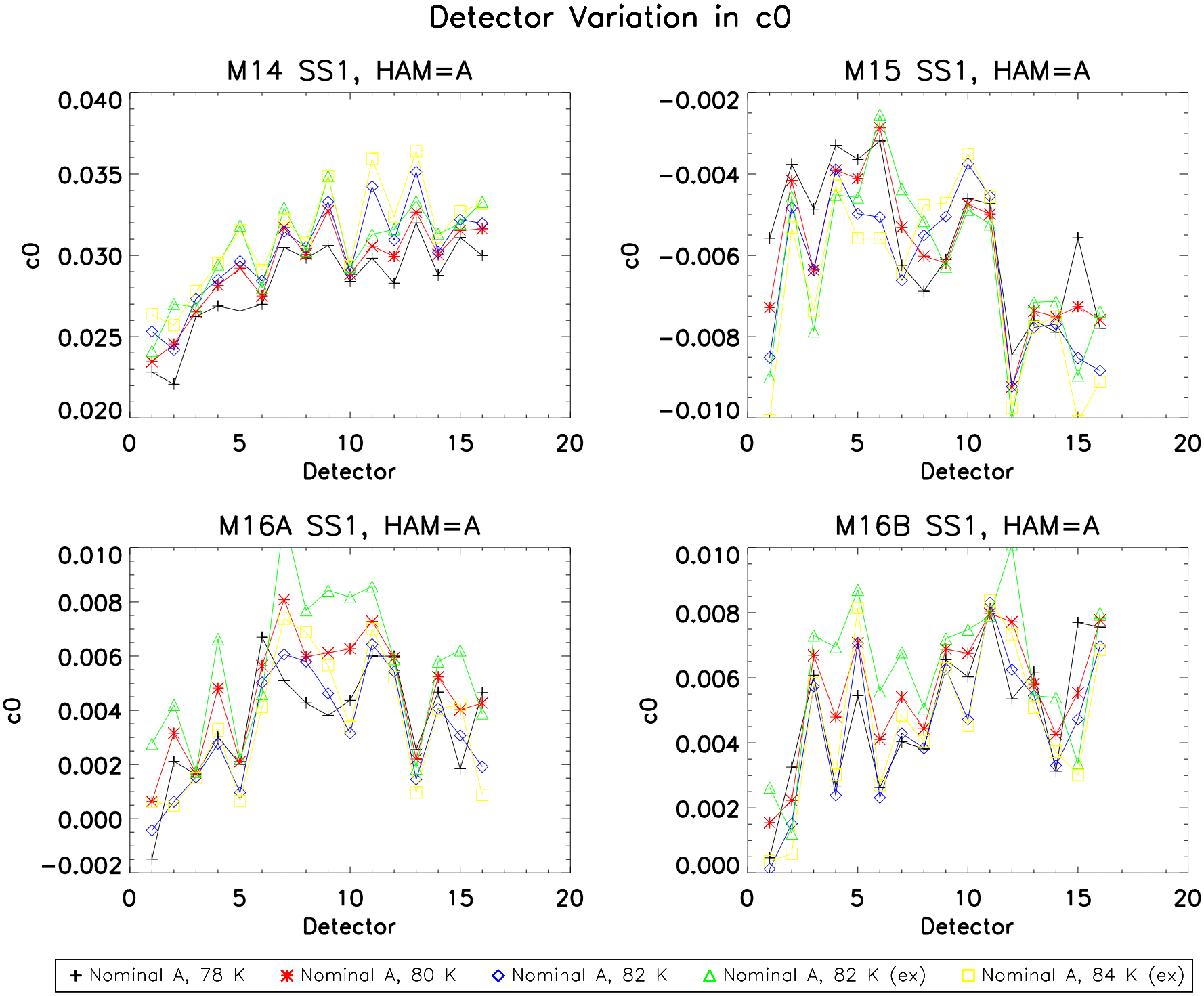
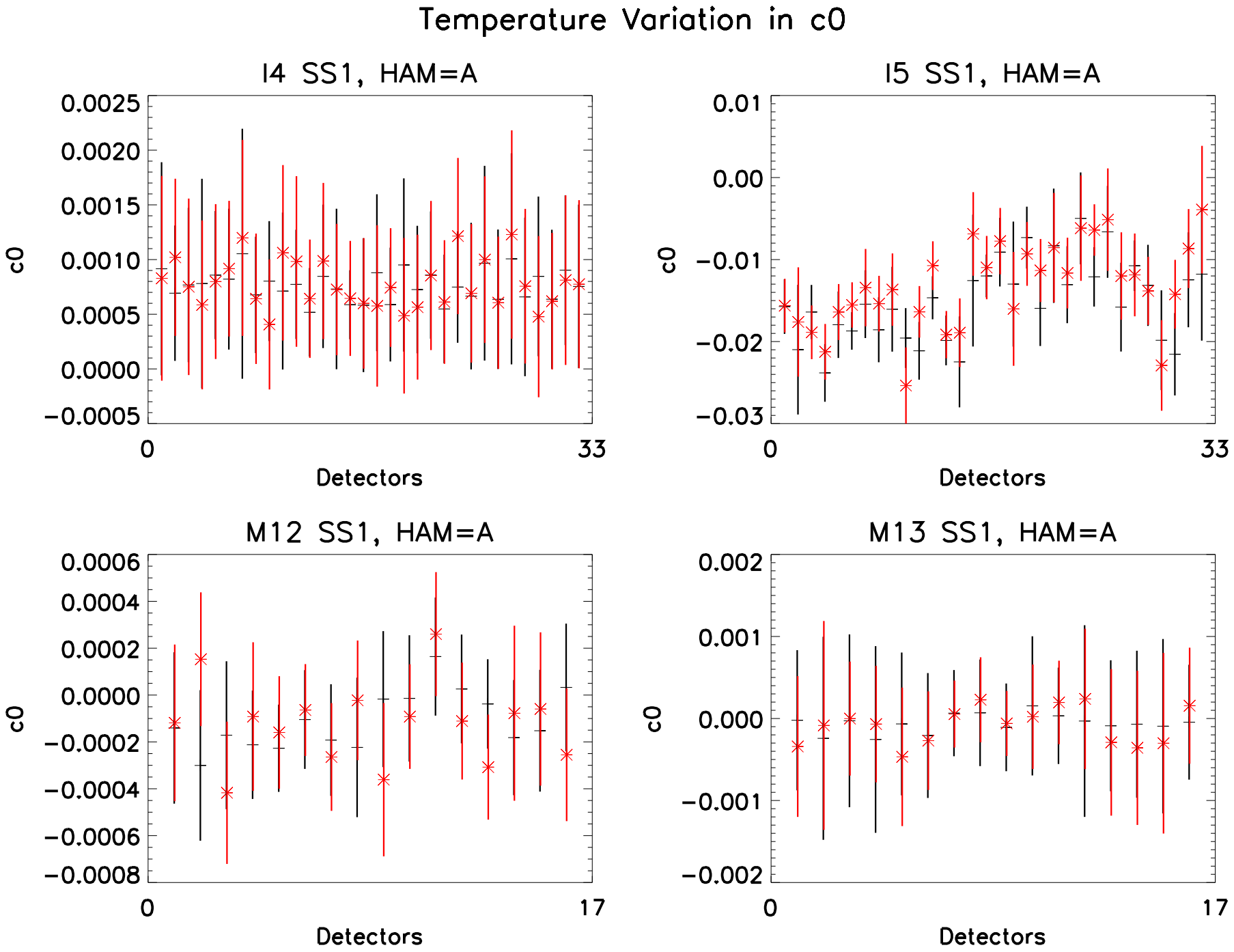
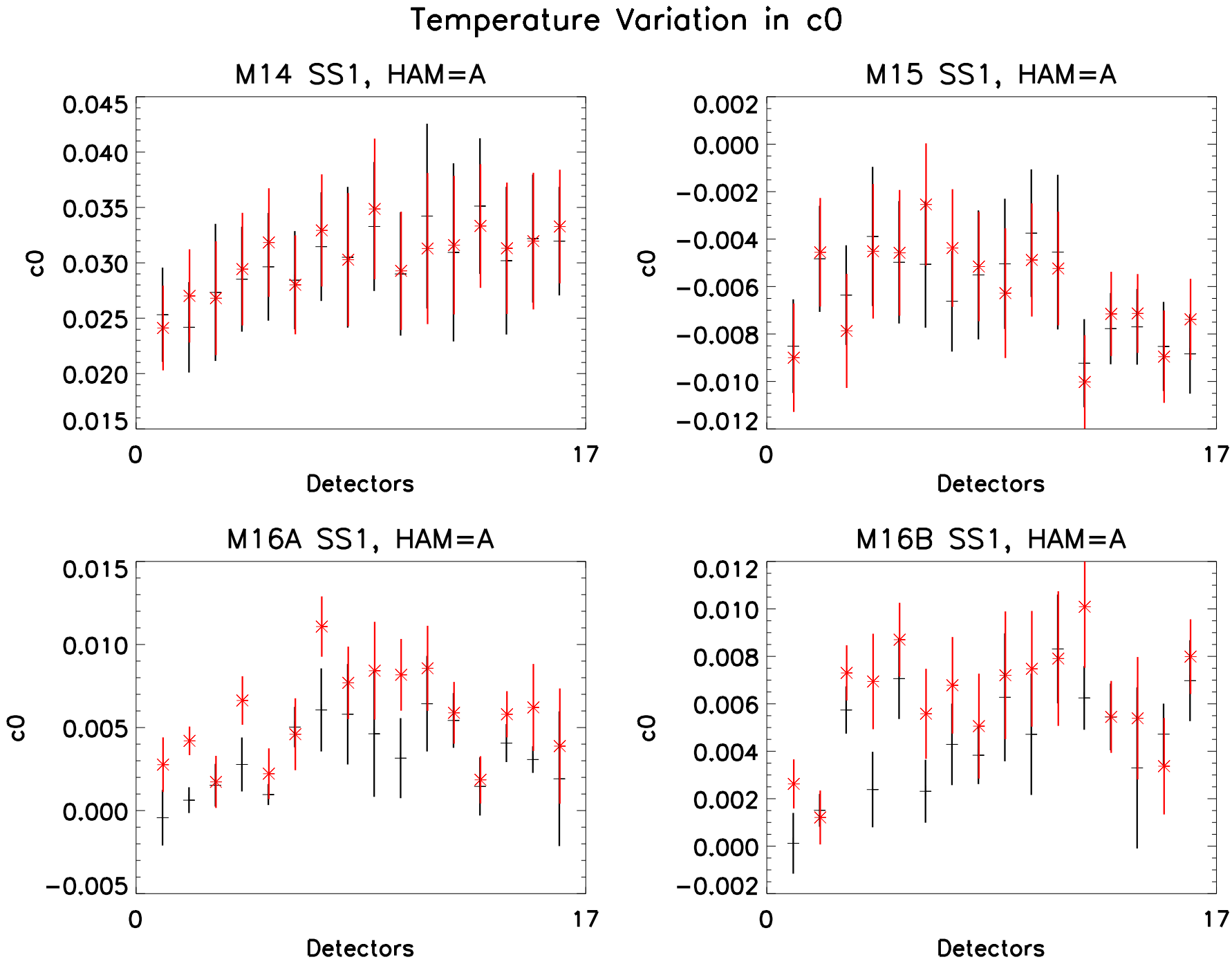
Detector Variation in c0



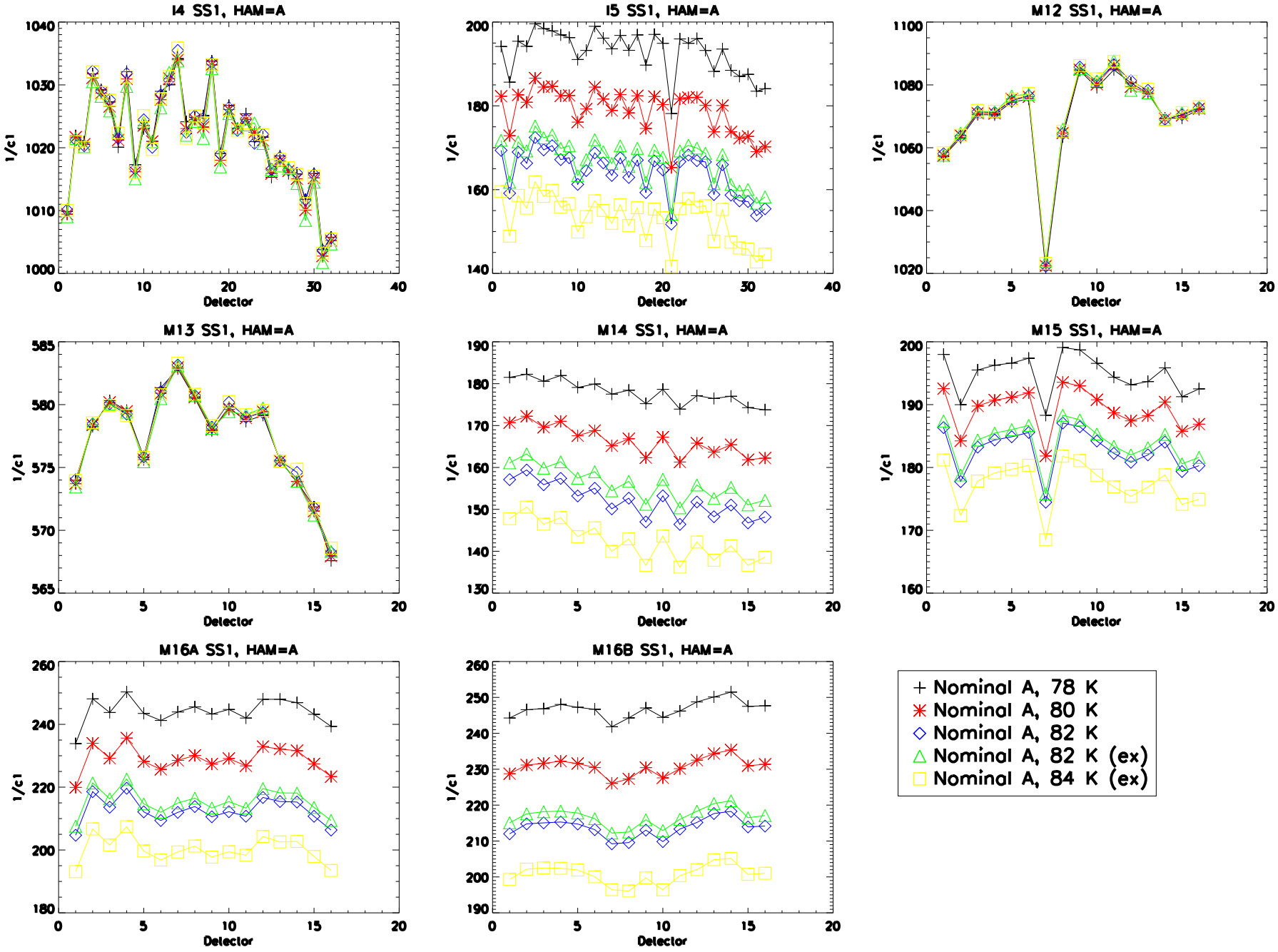

Detector Variation in c0
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
c0
Detector
0.0012
0.0010
0.0008
0.0006
0.0004
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
0.0002
0.0001
0.0000
−0.0001
−0.0002
−0.0003
−0.0004
−0.0006
0
5
10
15
20
30
40
Nominal A, 78 K
Nominal A, 80 K
Nominal A, 82 K
Nominal A, 82 K (ex)
Nominal A, 84 K (ex)


Detector Variation in c0
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
c0
Detector
0.040
0.035
0.030
0.025
0.020
−0.002
−0.004
−0.006
−0.008
−0.010
0.010
0.008
0.006
0.004
0.002
0.000
−0.002
0
5
10
15
20
Nominal A, 78 K
Nominal A, 80 K
Nominal A, 82 K
Nominal A, 82 K (ex)
Nominal A, 84 K (ex)

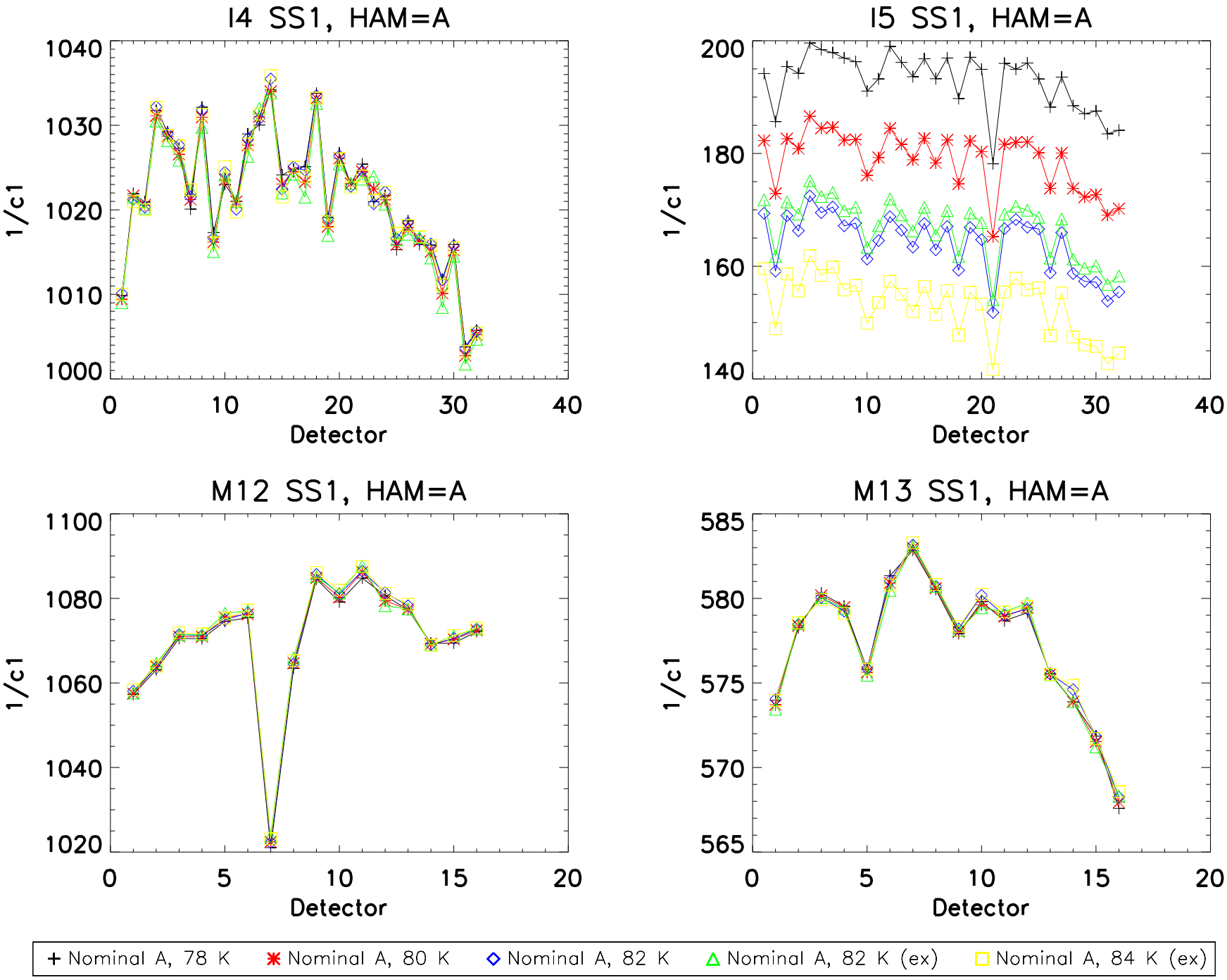

Temperature Variation in c0
I4 SS1, HAM=A
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
−0.0005
c0
0
33
Detectors
I5 SS1, HAM=A
0.01
0.00
−0.01
−0.02
−0.03
c0
0
33
Detectors
M12 SS1, HAM=A
0.0006
0.0004
0.0002
0.0000
−0.0002
−0.0004
−0.0006
−0.0008
c0
0
17
Detectors
M13 SS1, HAM=A
0.002
0.001
0.000
−0.001
−0.002
c0
0
17
Detectors


Temperature Variation in c0
M14 SS1, HAM=A
0.045
0.040
0.035
0.030
0.025
0.020
0.015
c0
0
17
Detectors
M15 SS1, HAM=A
0.002
0.000
−0.002
−0.004
−0.006
−0.008
−0.010
−0.012
c0
0
17
Detectors
M16A SS1, HAM=A
0.015
0.010
0.005
0.000
−0.005
c0
0
17
Detectors
M16B SS1, HAM=A
0.012
0.010
0.008
0.006
0.004
0.002
0.000
−0.002
c0
0
17
Detectors

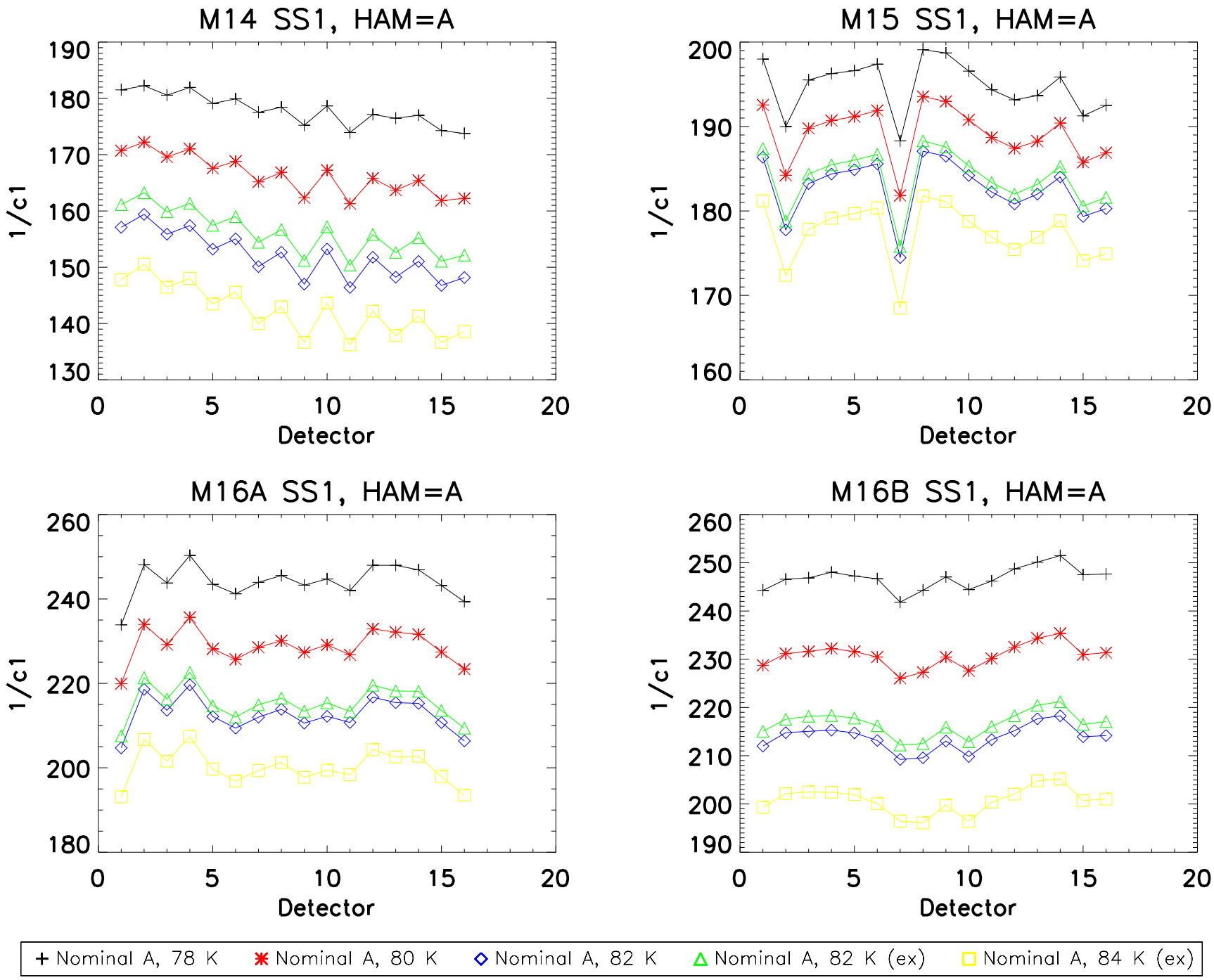
Detector Variation in 1/c1



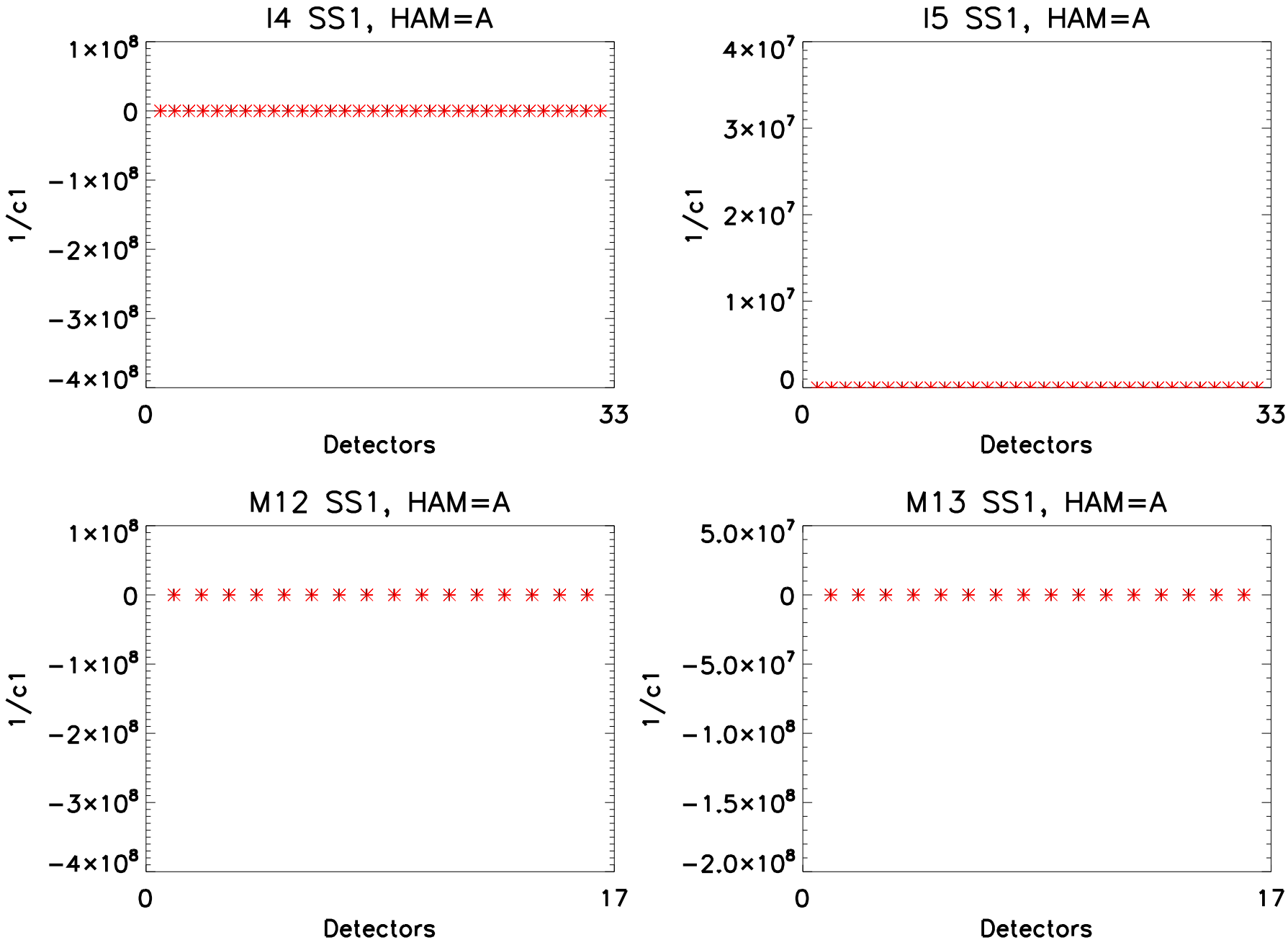
Detector Variation in 1/c1



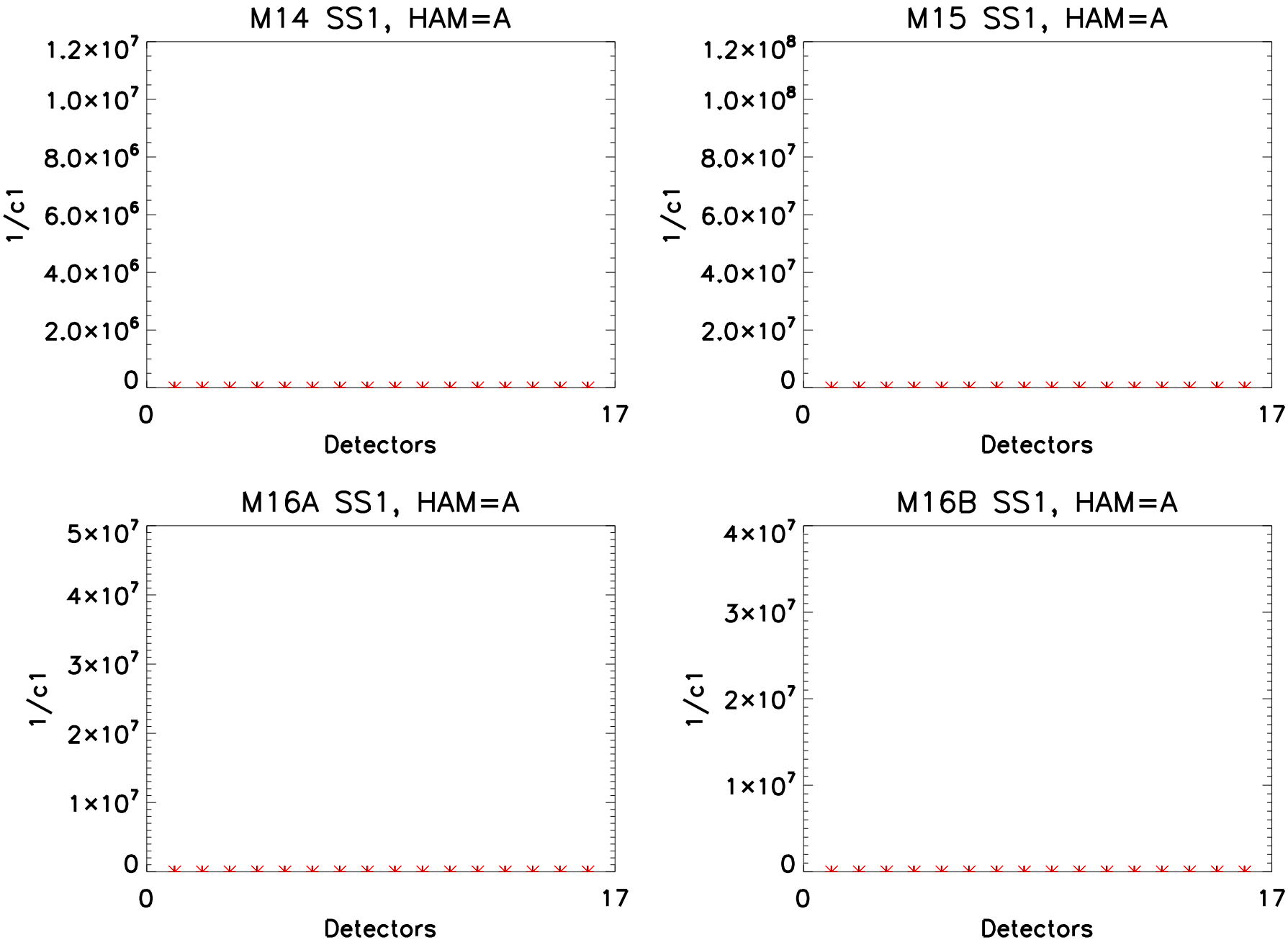
Detector Variation in 1/c1



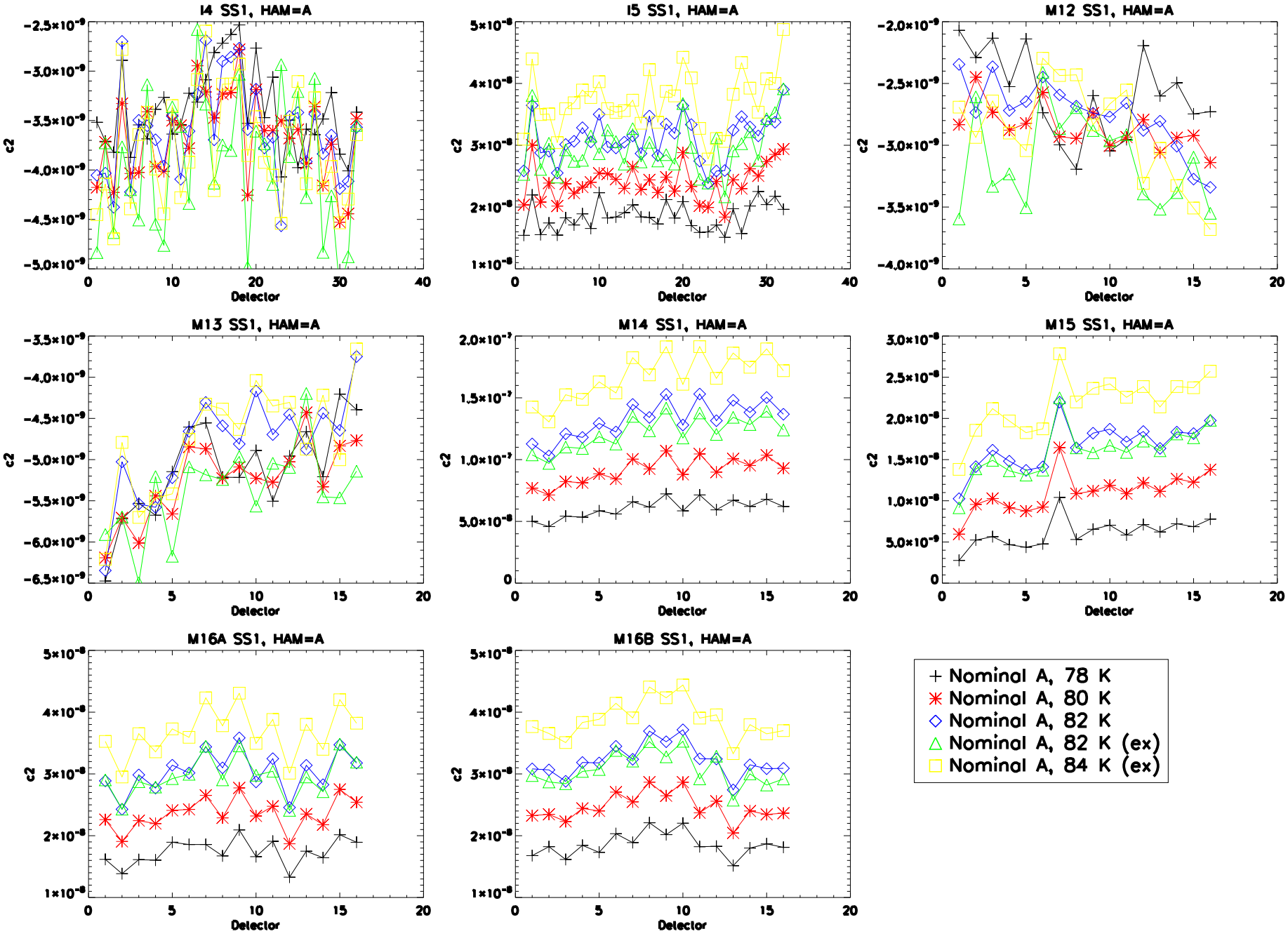
Temperature Variation in 1/c1

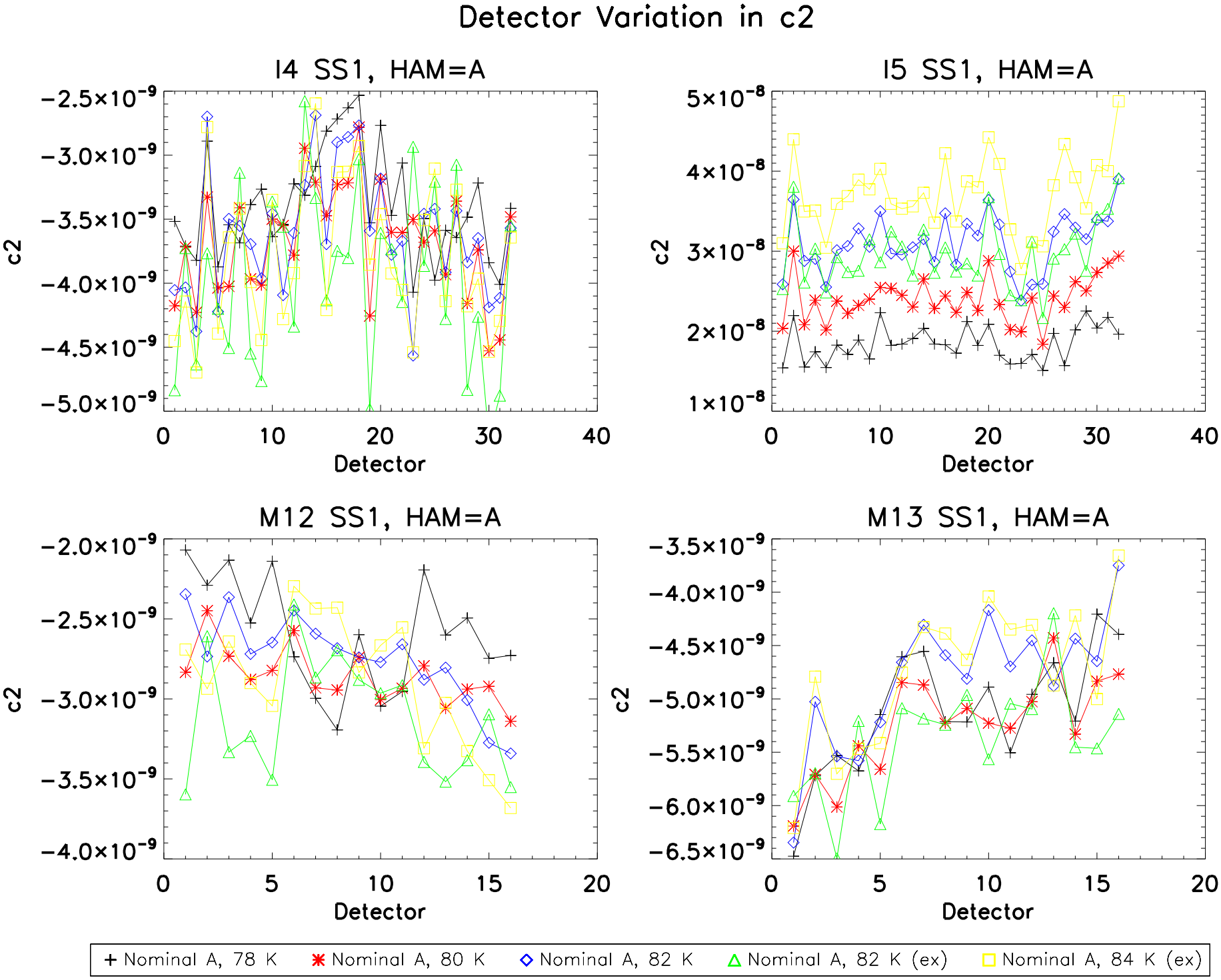


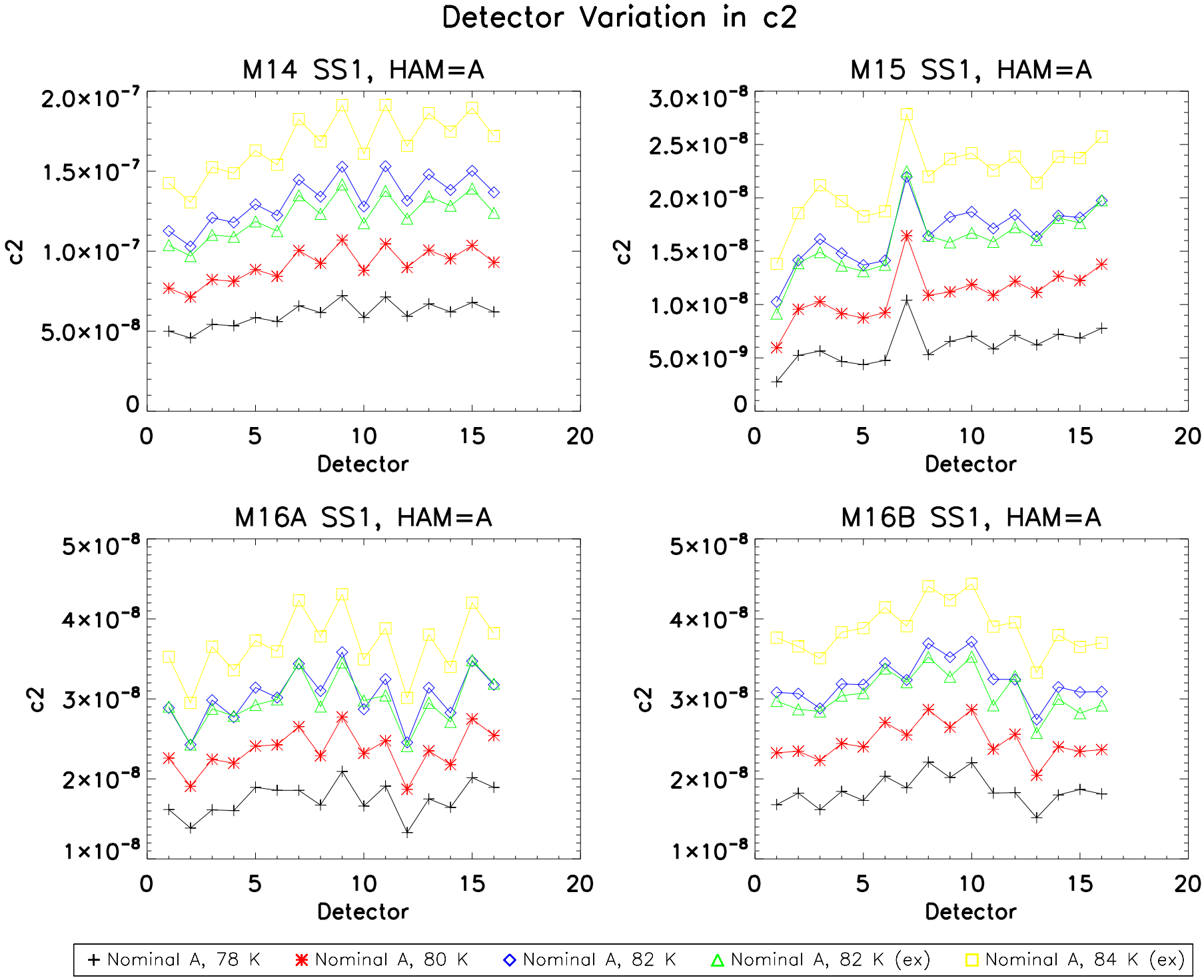
Temperature Variation in 1/c1



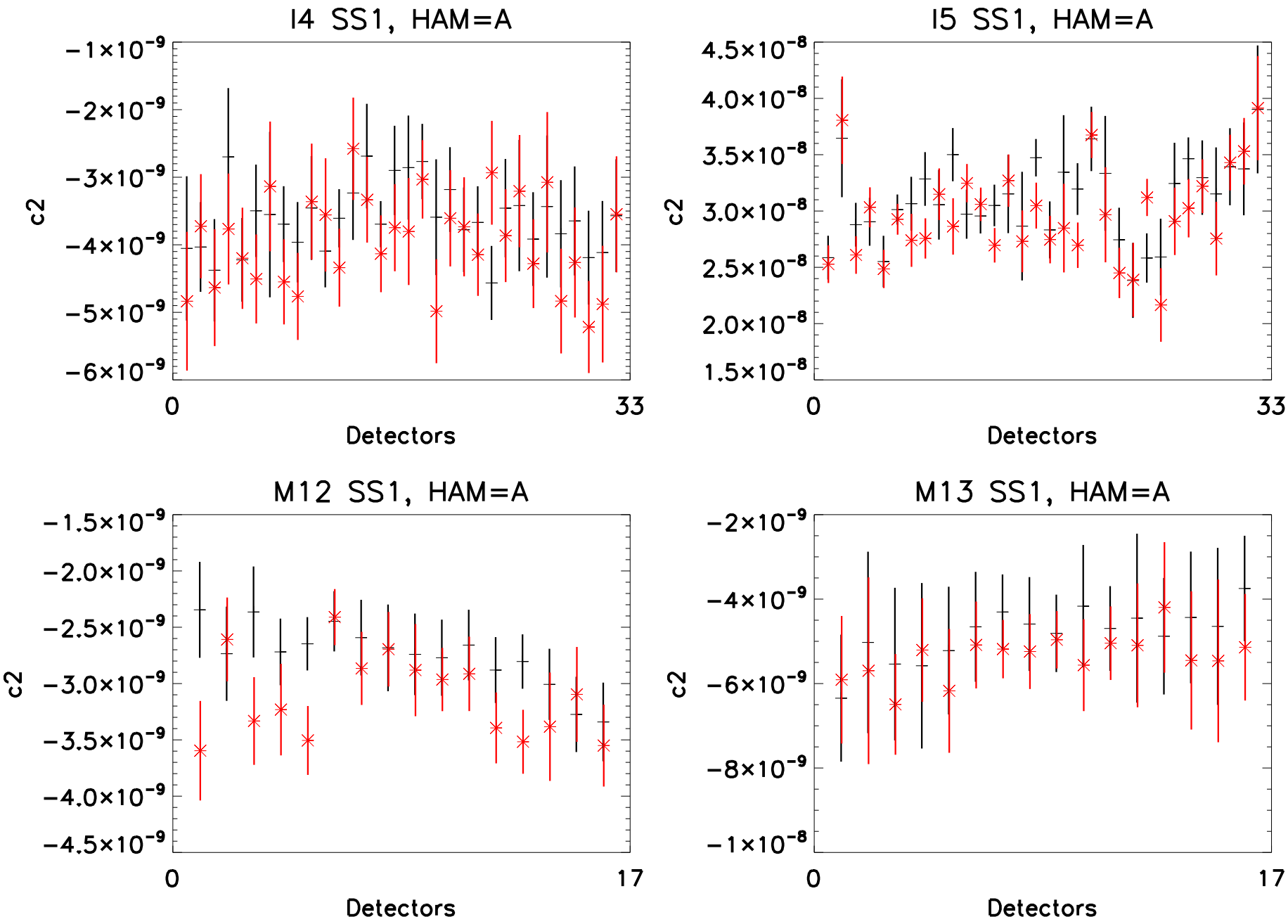
Detector Variation in c2



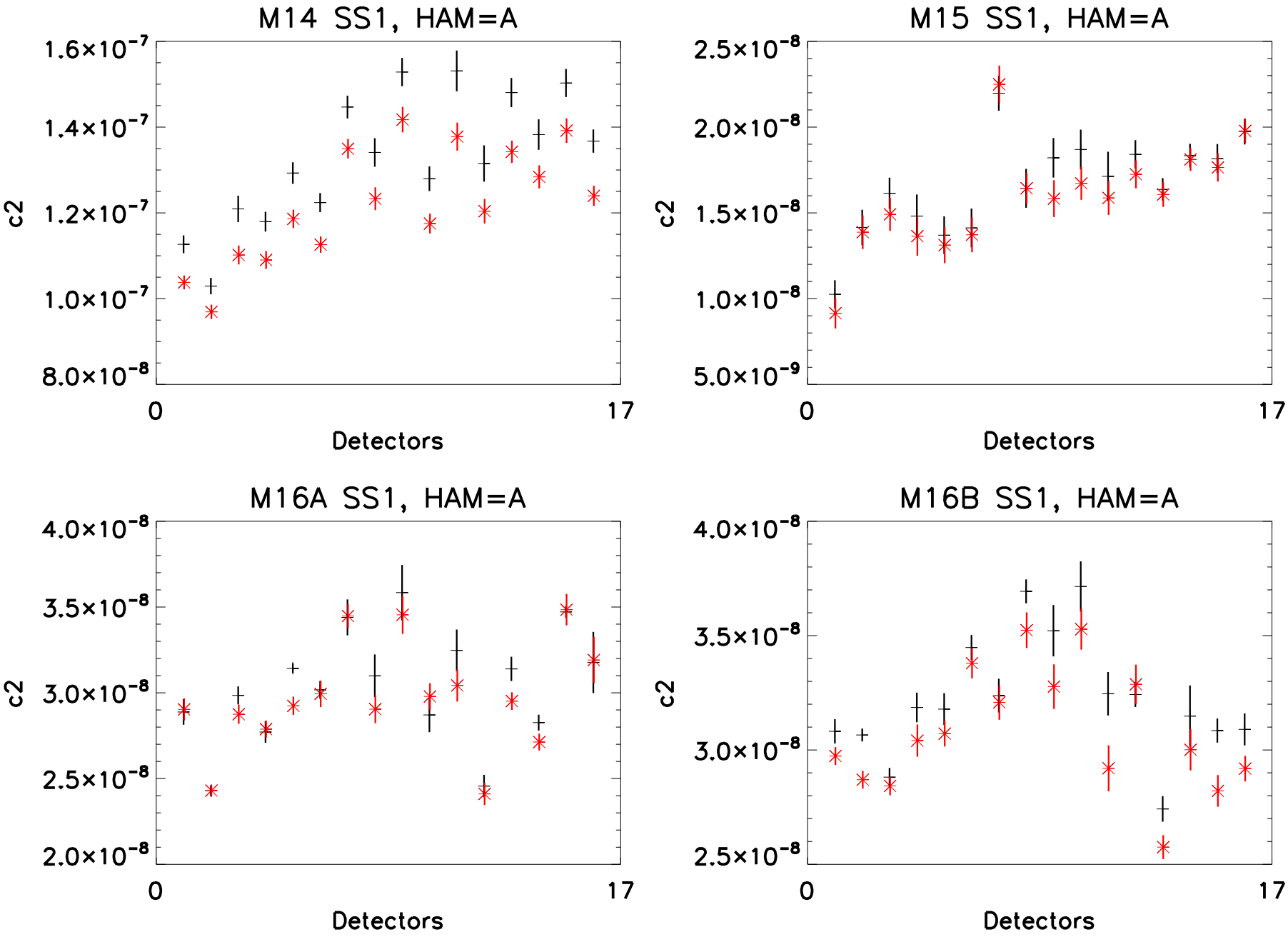

Detector Variation in c2
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
c2
Detector
Nominal A, 78 K
Nominal A, 80 K
Nominal A, 82 K
Nominal A, 82 K (ex)
Nominal A, 84 K (ex)


Detector Variation in c2
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
c2
Detector
2.0×10⁻⁷
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
3.0×10⁻⁸
2.5×10⁻⁸
2.0×10⁻⁸
1.5×10⁻⁸
1.0×10⁻⁸
5.0×10⁻⁹
5×10⁻⁸
4×10⁻⁸
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
5
10
15
20
Nominal A, 78 K
Nominal A, 80 K
Nominal A, 82 K
Nominal A, 82 K (ex)
Nominal A, 84 K (ex)

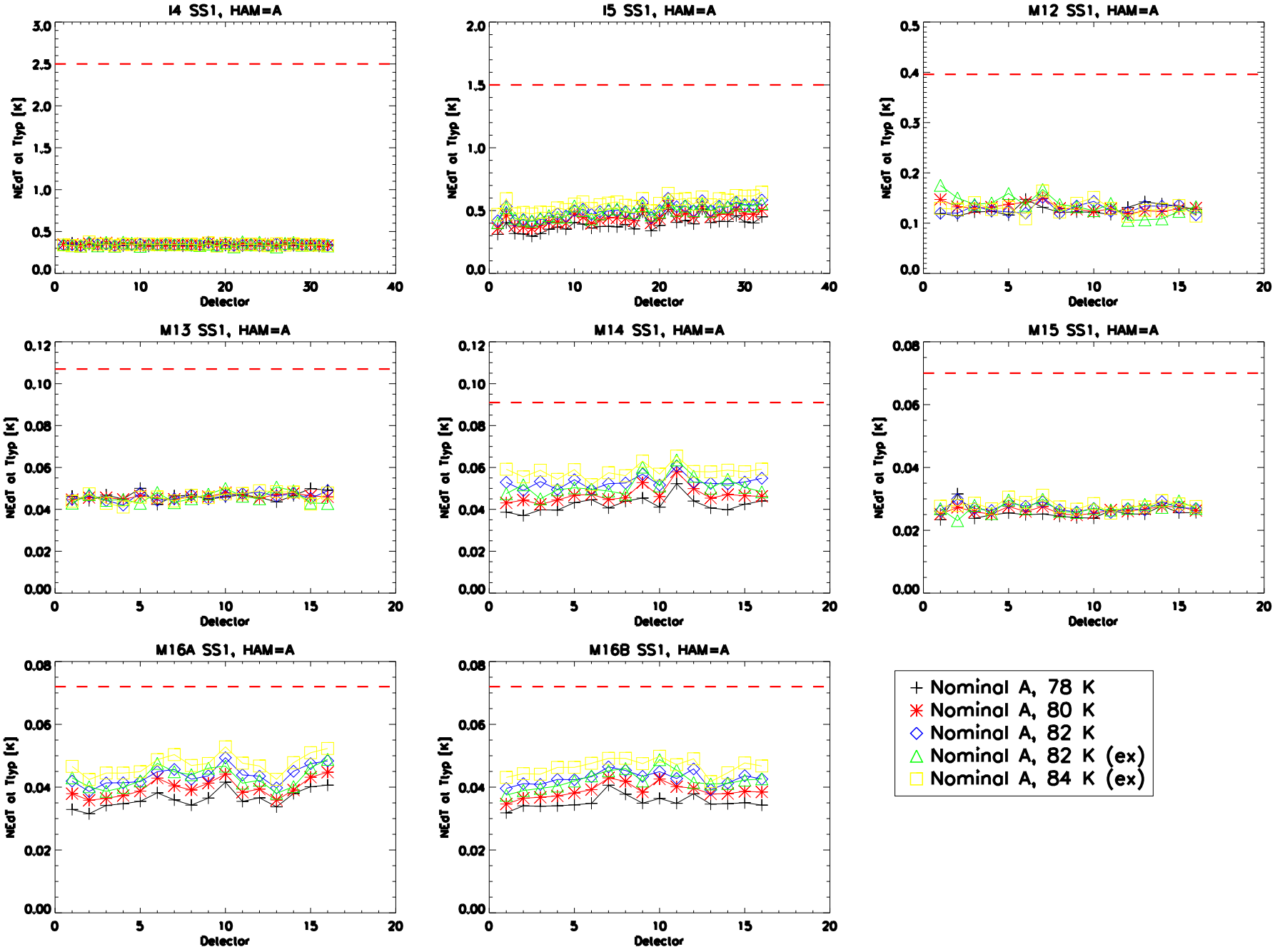
Temperature Variation in c2

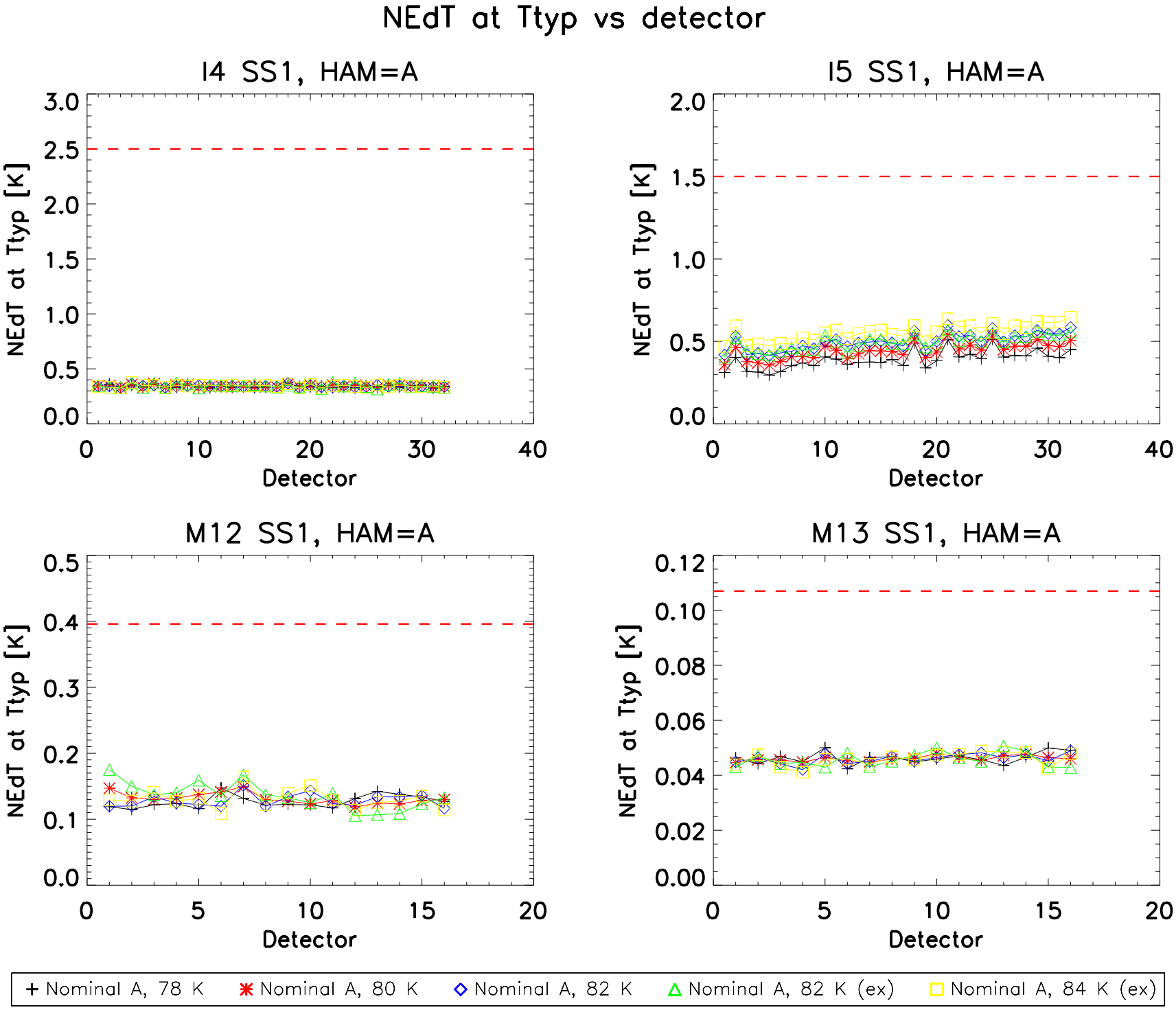


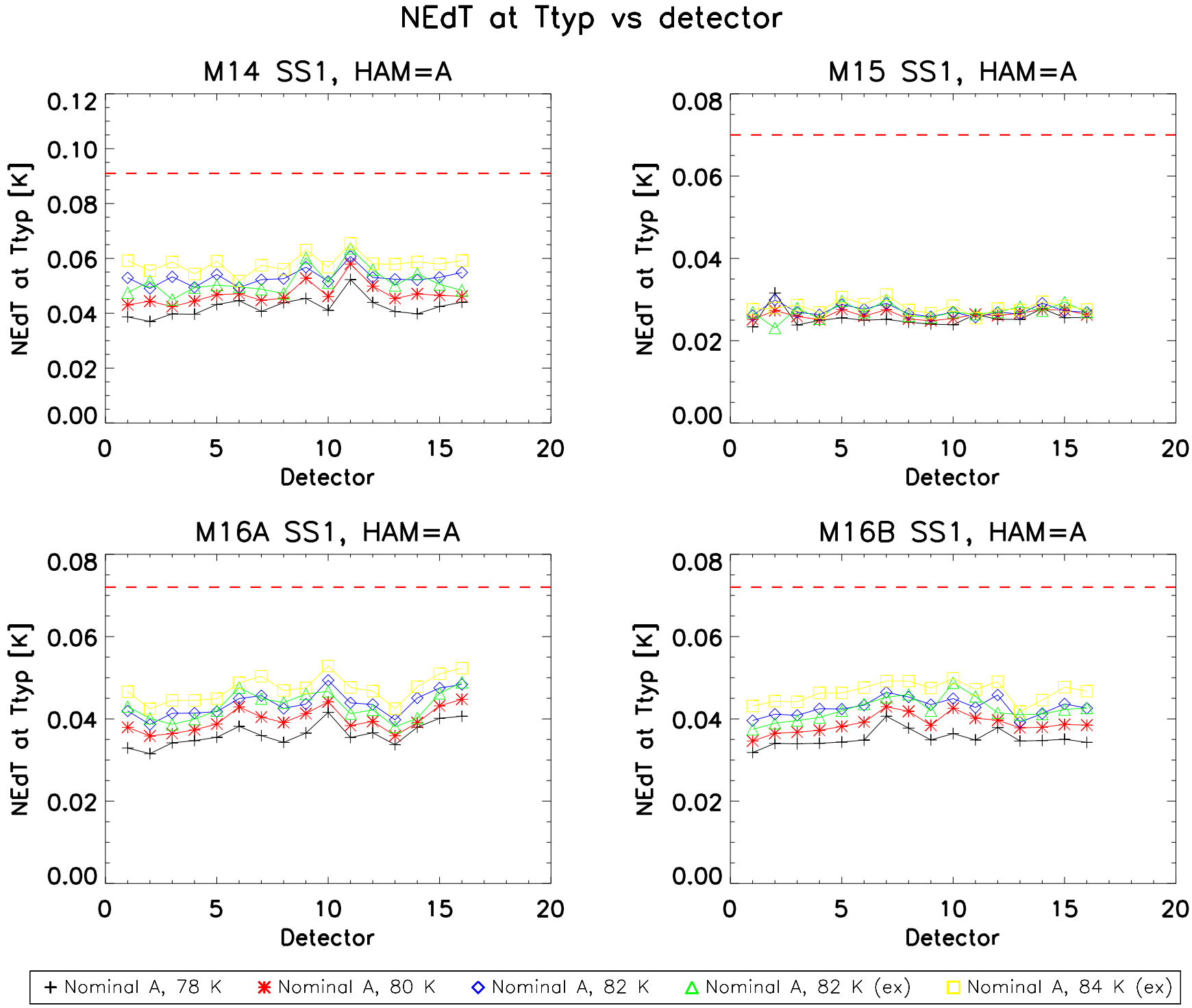
Temperature Variation in c2



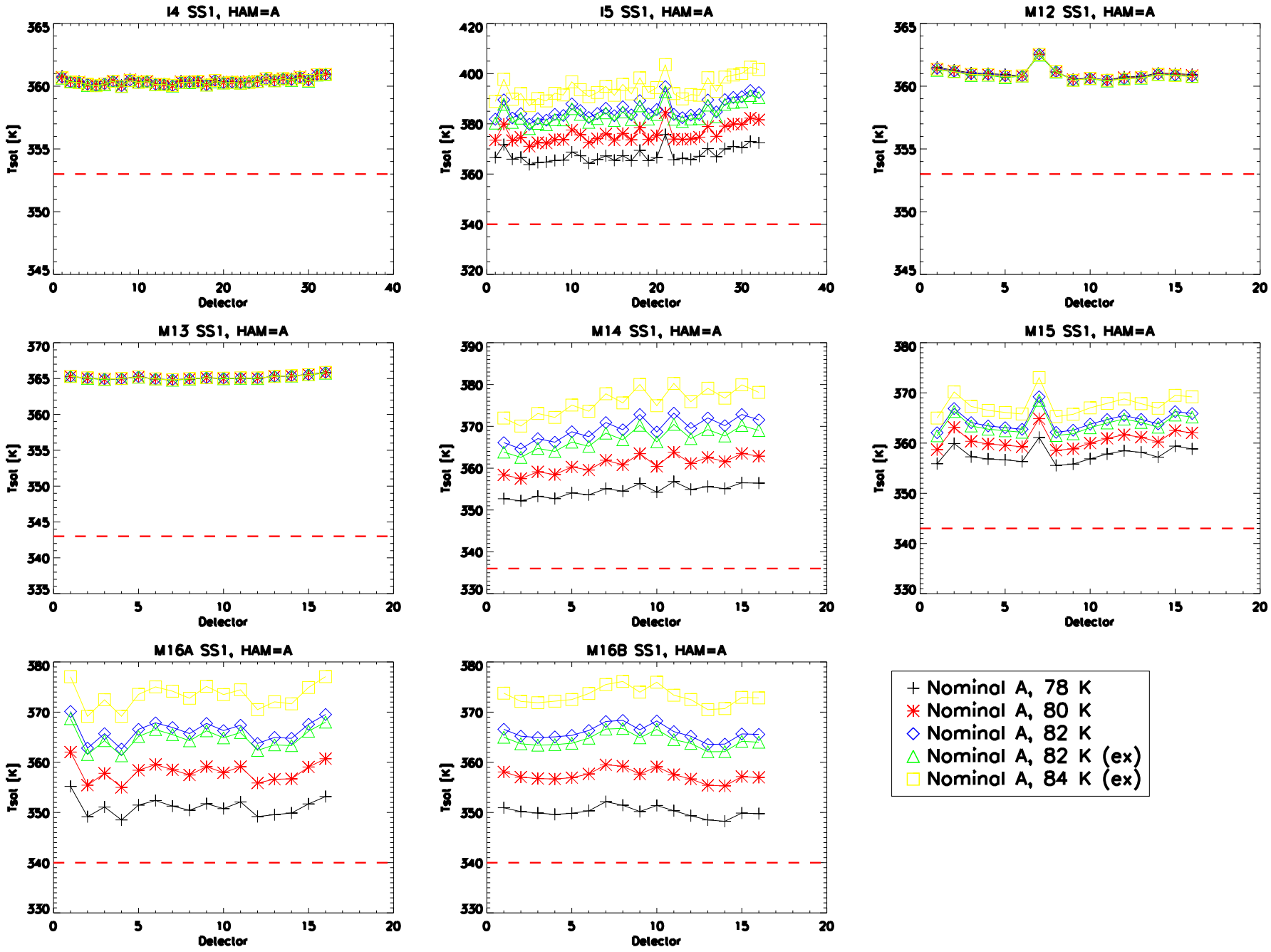
NEdT at Ttyp vs detector



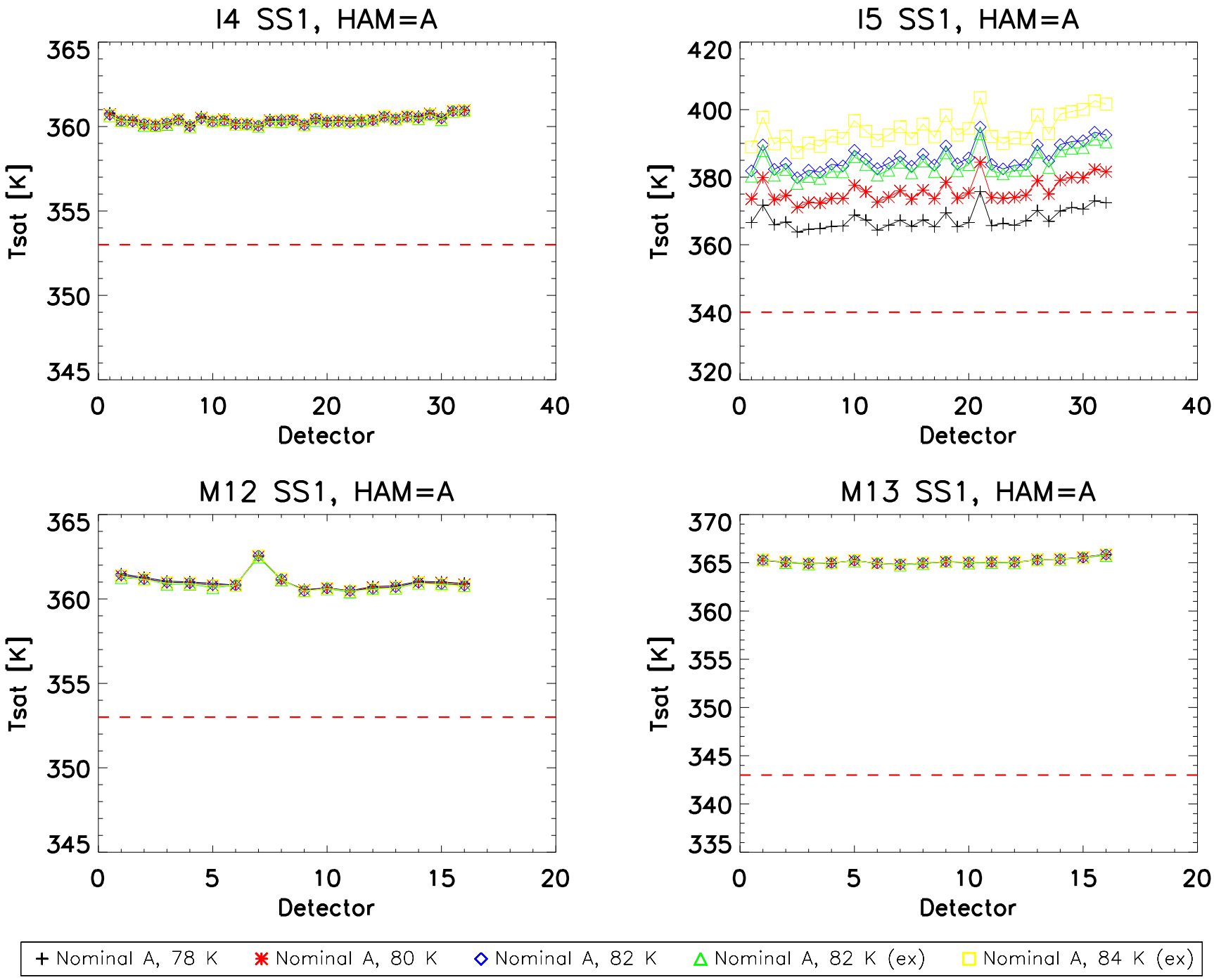
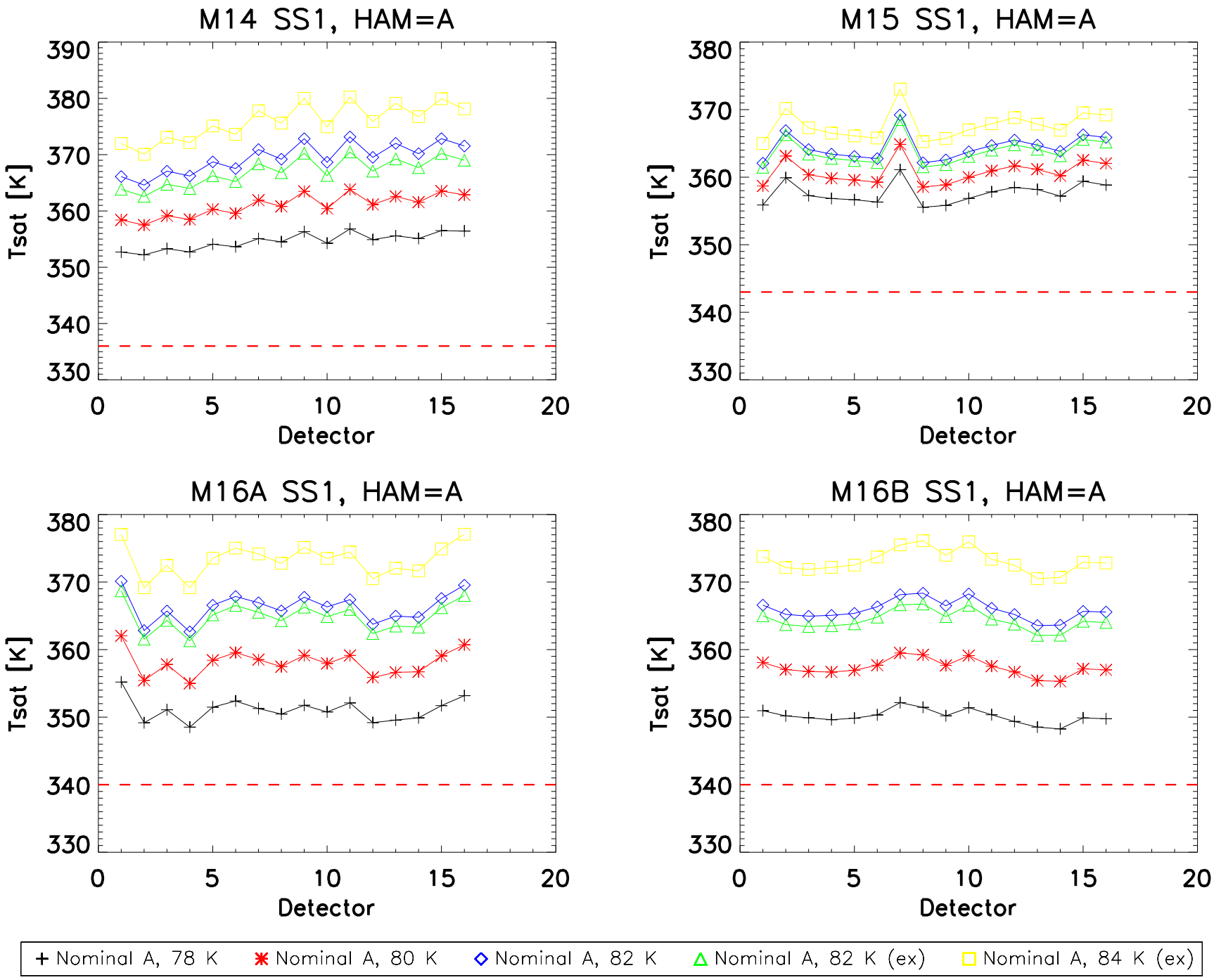

NEdT at Ttyp vs detector
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
NEdT at Ttyp [K]
Detector
+ Nominal A, 78 K
* Nominal A, 80 K
◇ Nominal A, 82 K
△ Nominal A, 82 K (ex)
□ Nominal A, 84 K (ex)


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, 78 K
Nominal A, 80 K
Nominal A, 82 K
Nominal A, 82 K (ex)
Nominal A, 84 K (ex)

Tsat vs detector



Tsat vs detector



Tsat vs detector