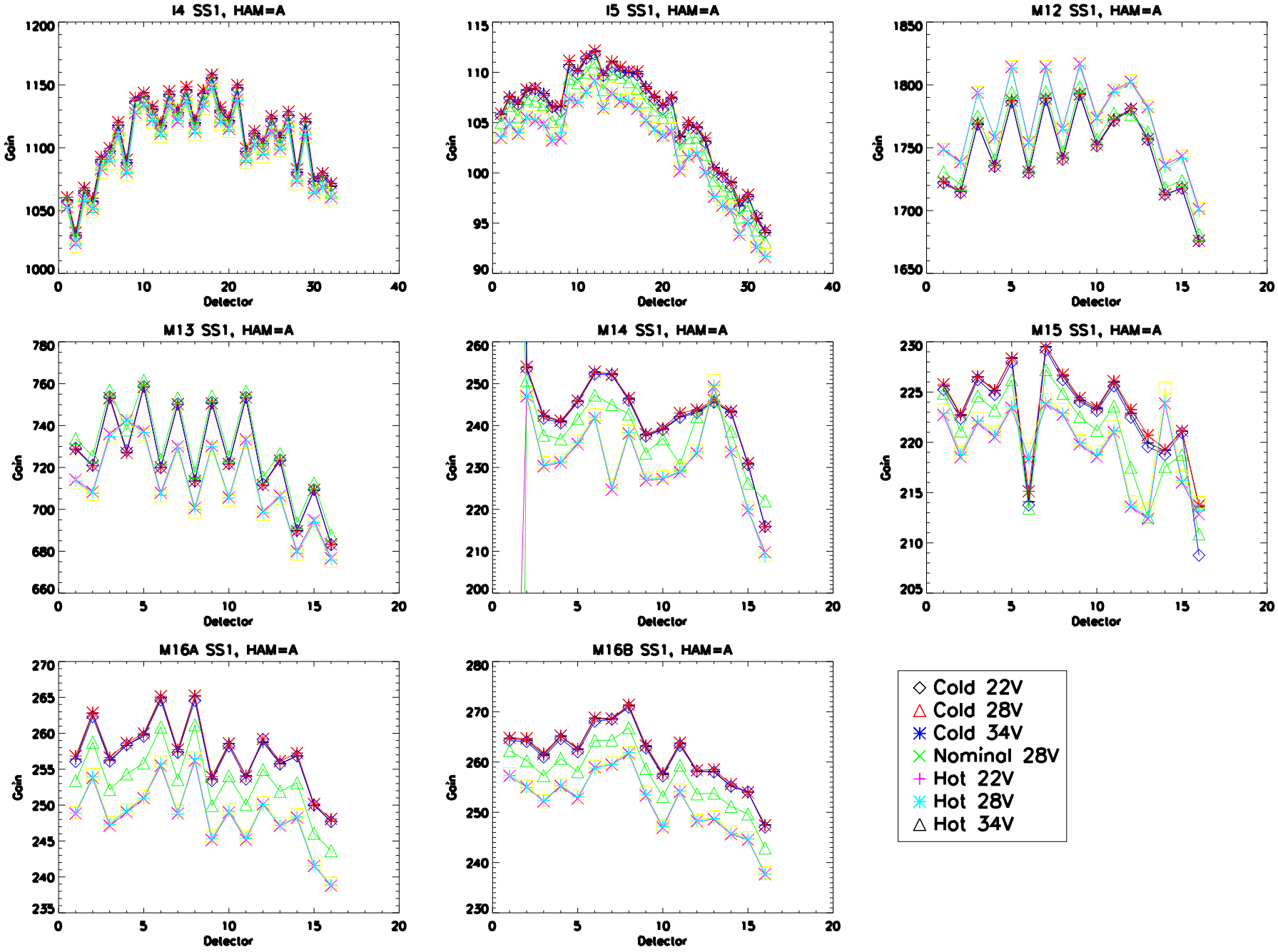
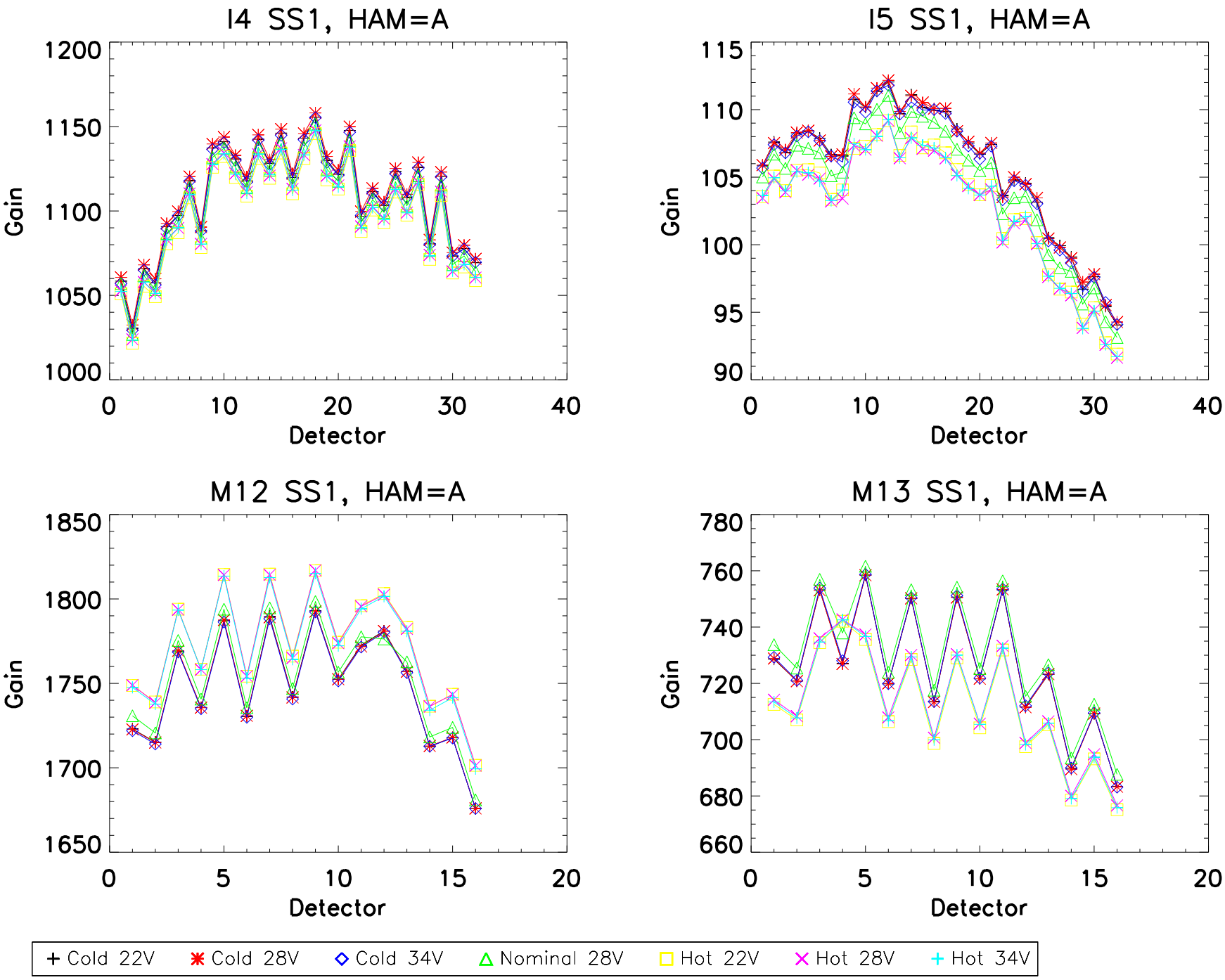
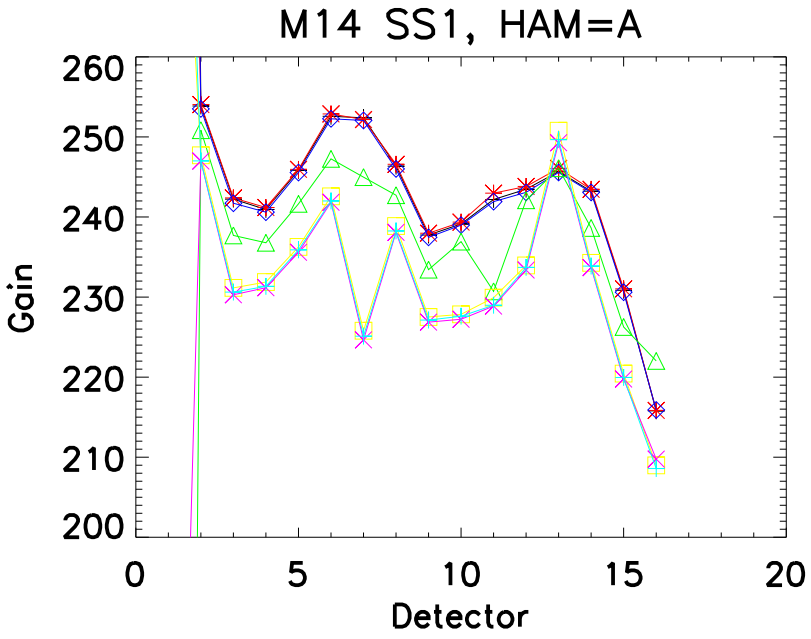
Detector Variation in Gain

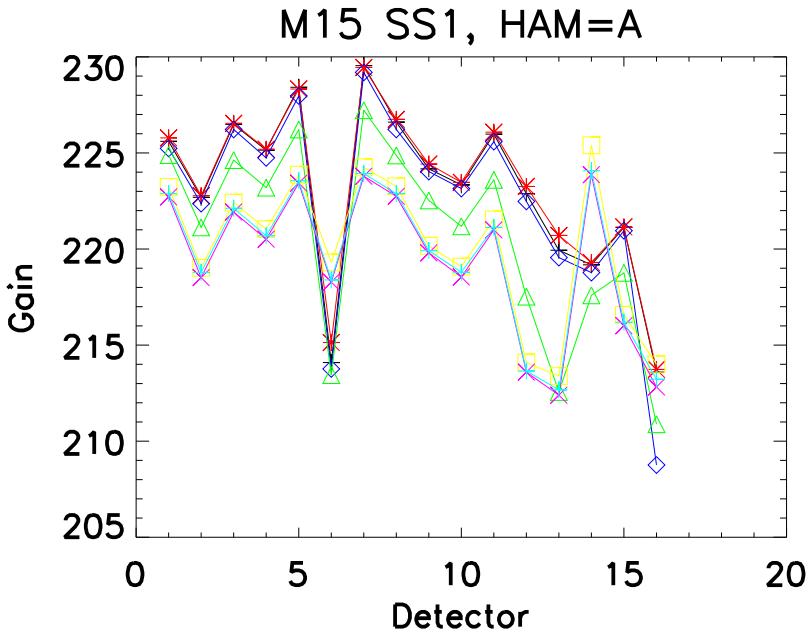


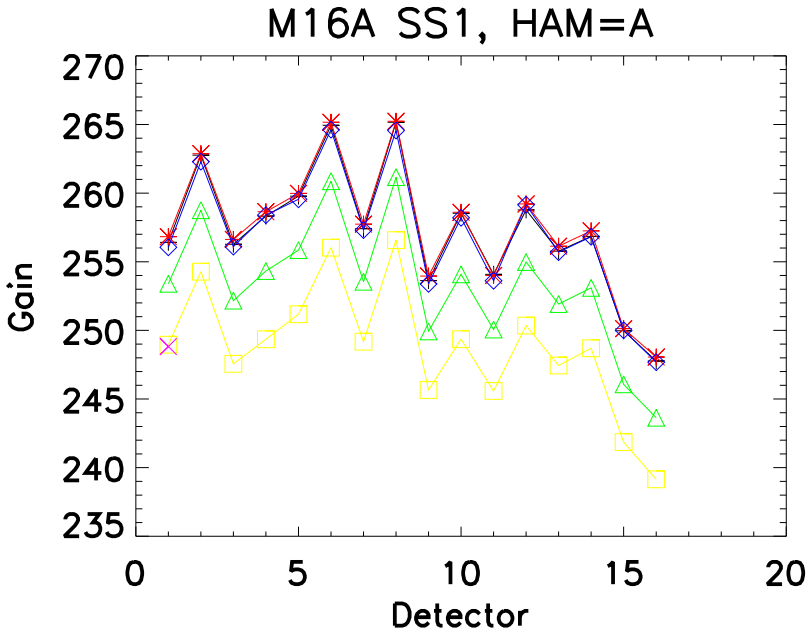
Detector Variation in Gain



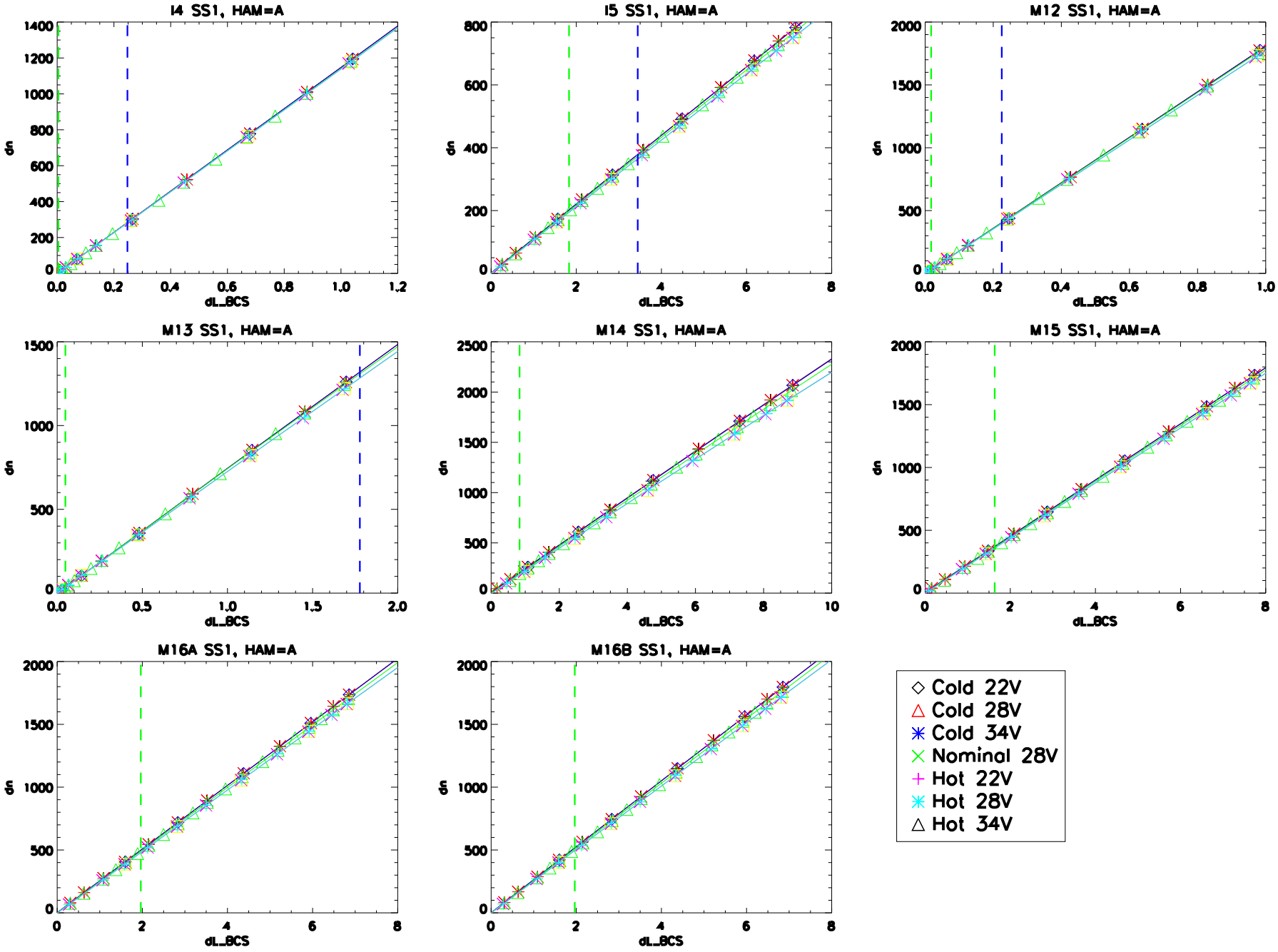
Detector Variation in Gain

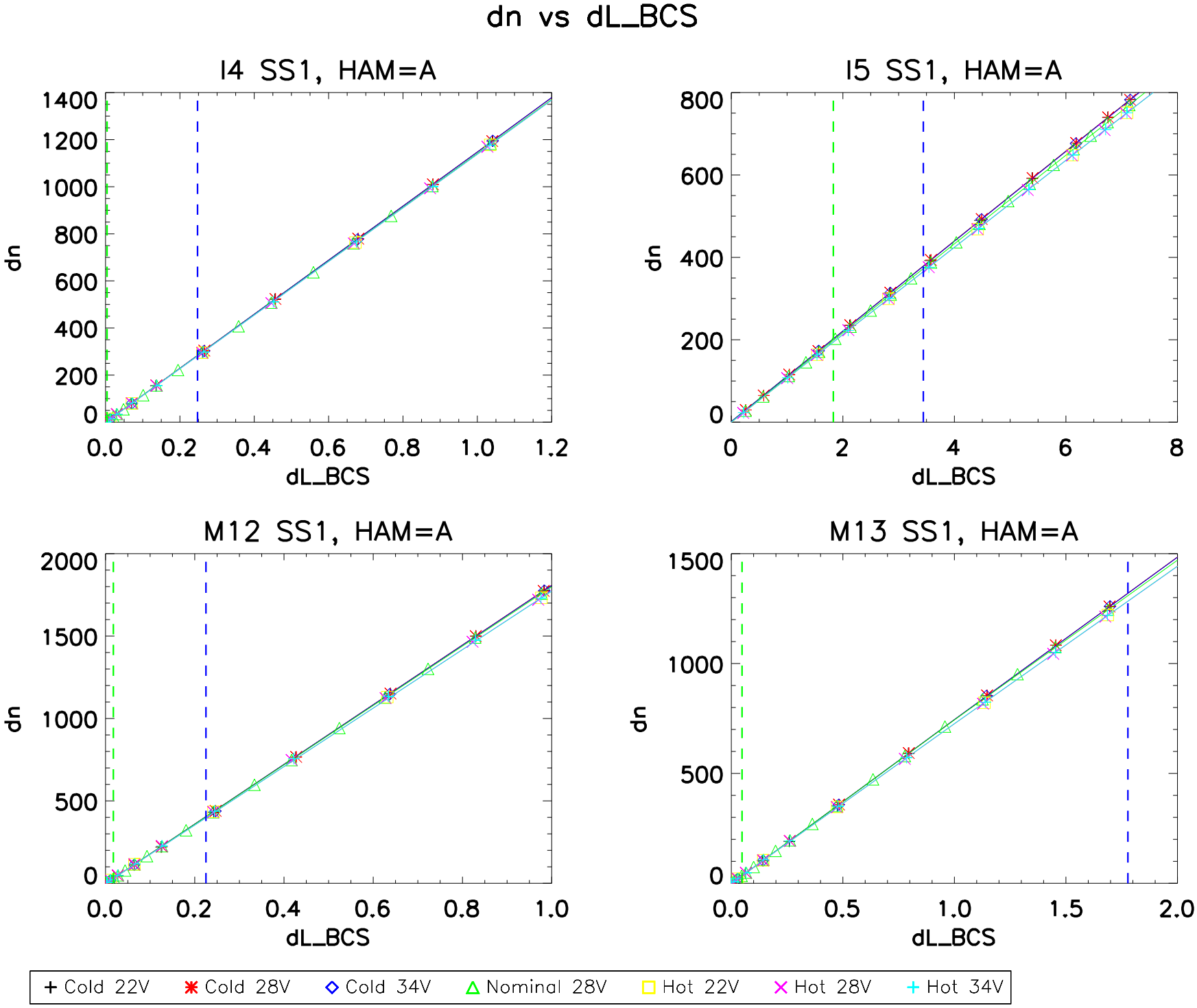


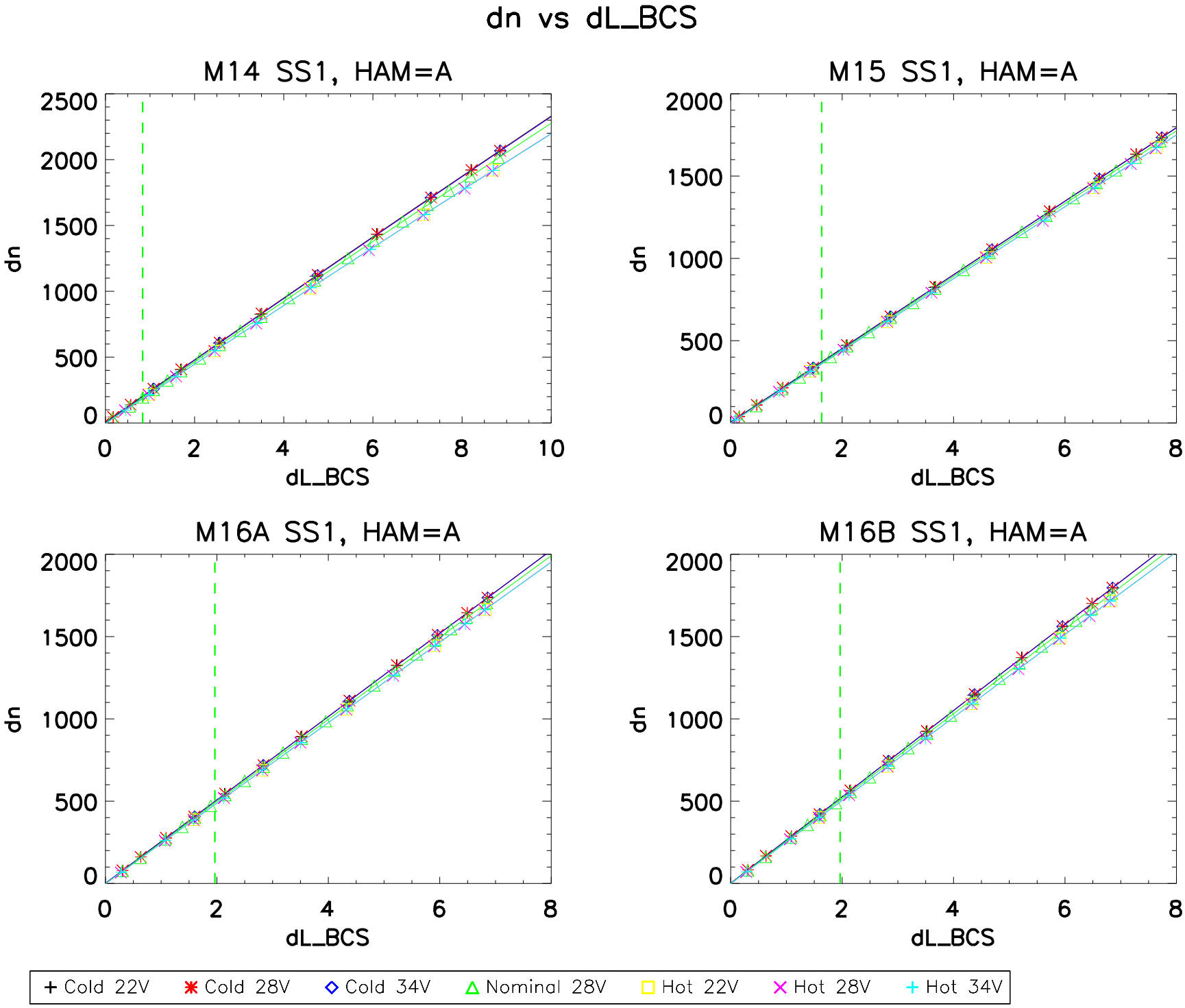




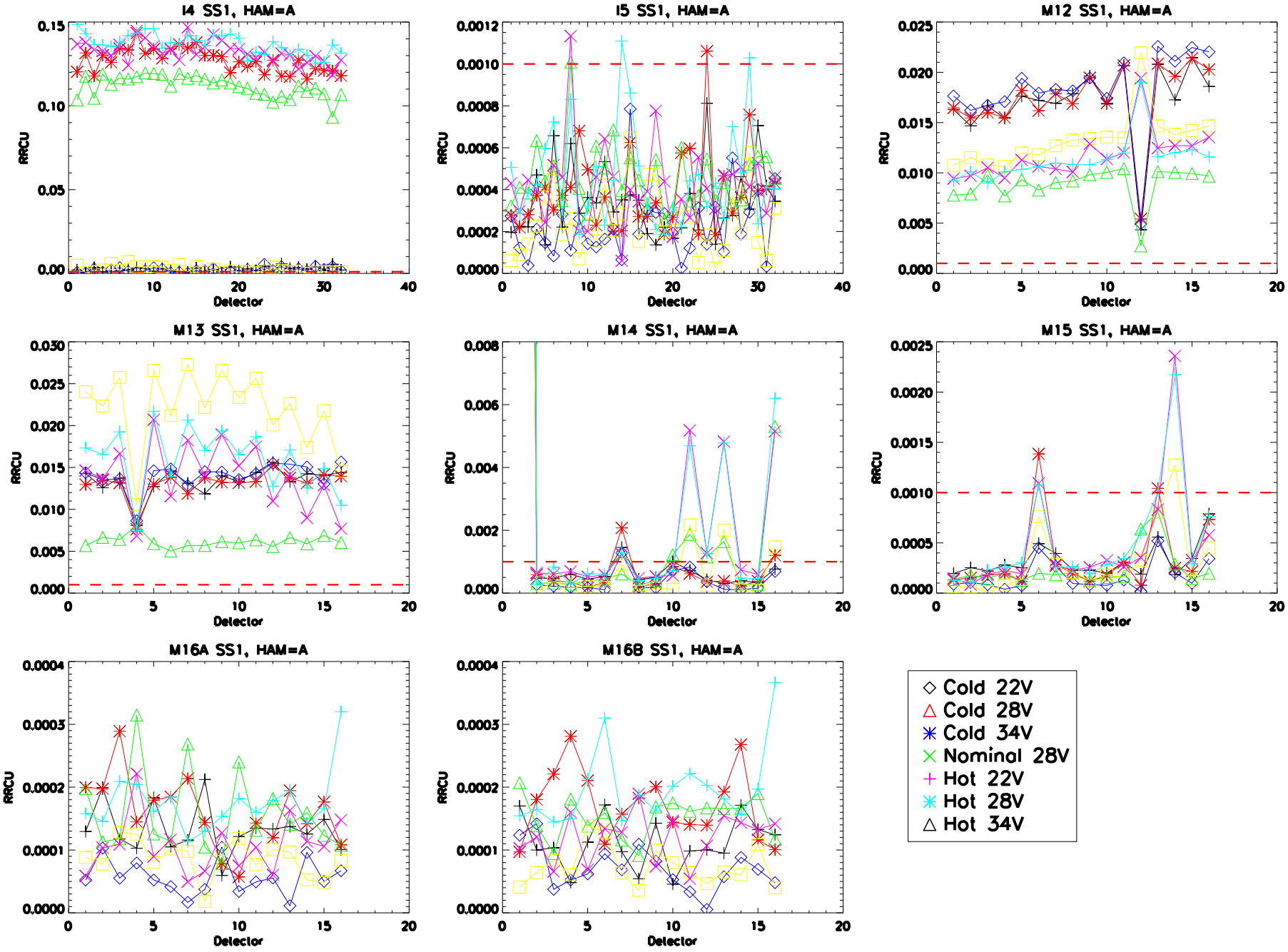
dn vs dL_BCS


I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
dn
dL_BCS
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

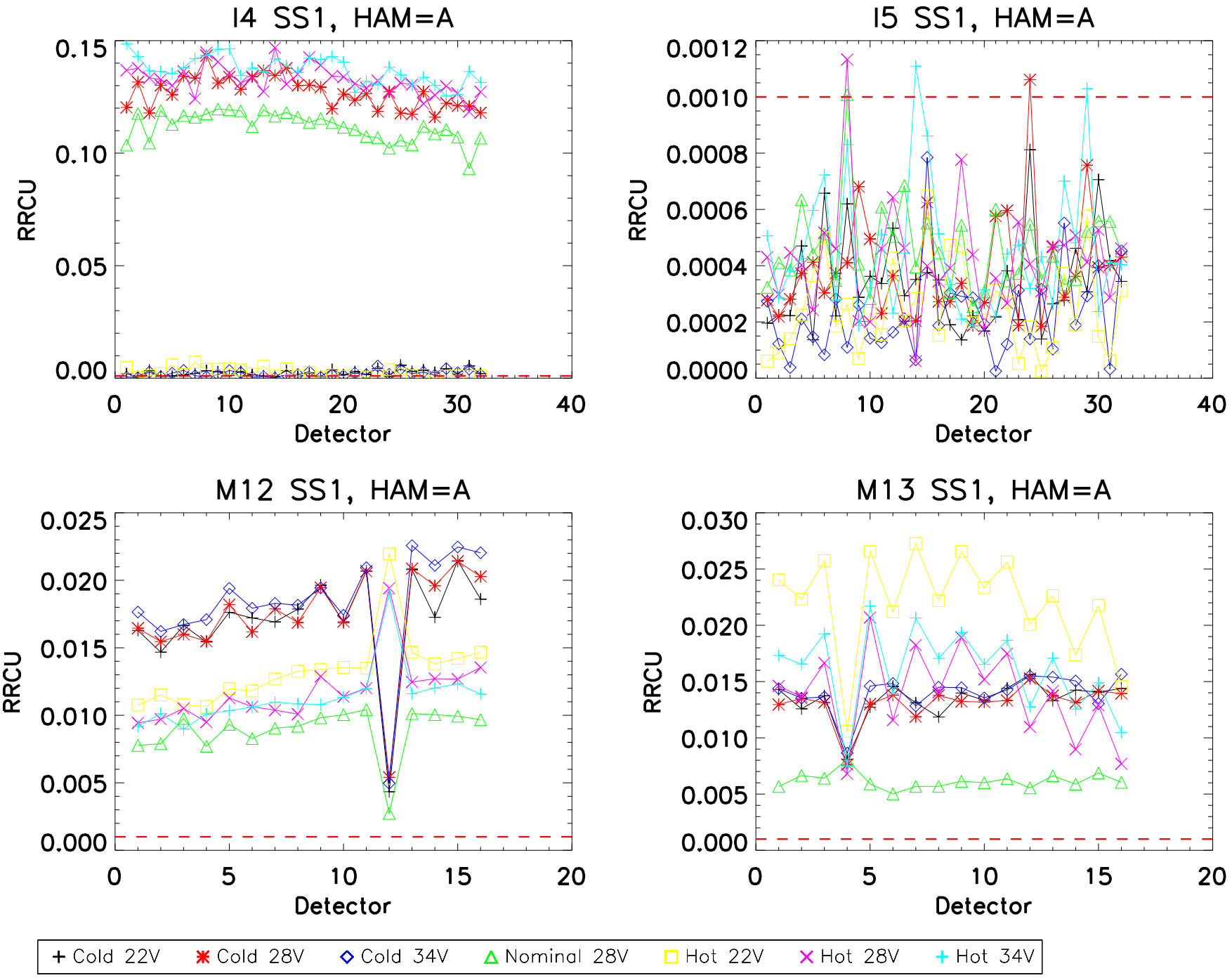

dn vs dL_BCS
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
dn
dL_BCS
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V


dn vs dL_BCS
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
dn
dL_BCS
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

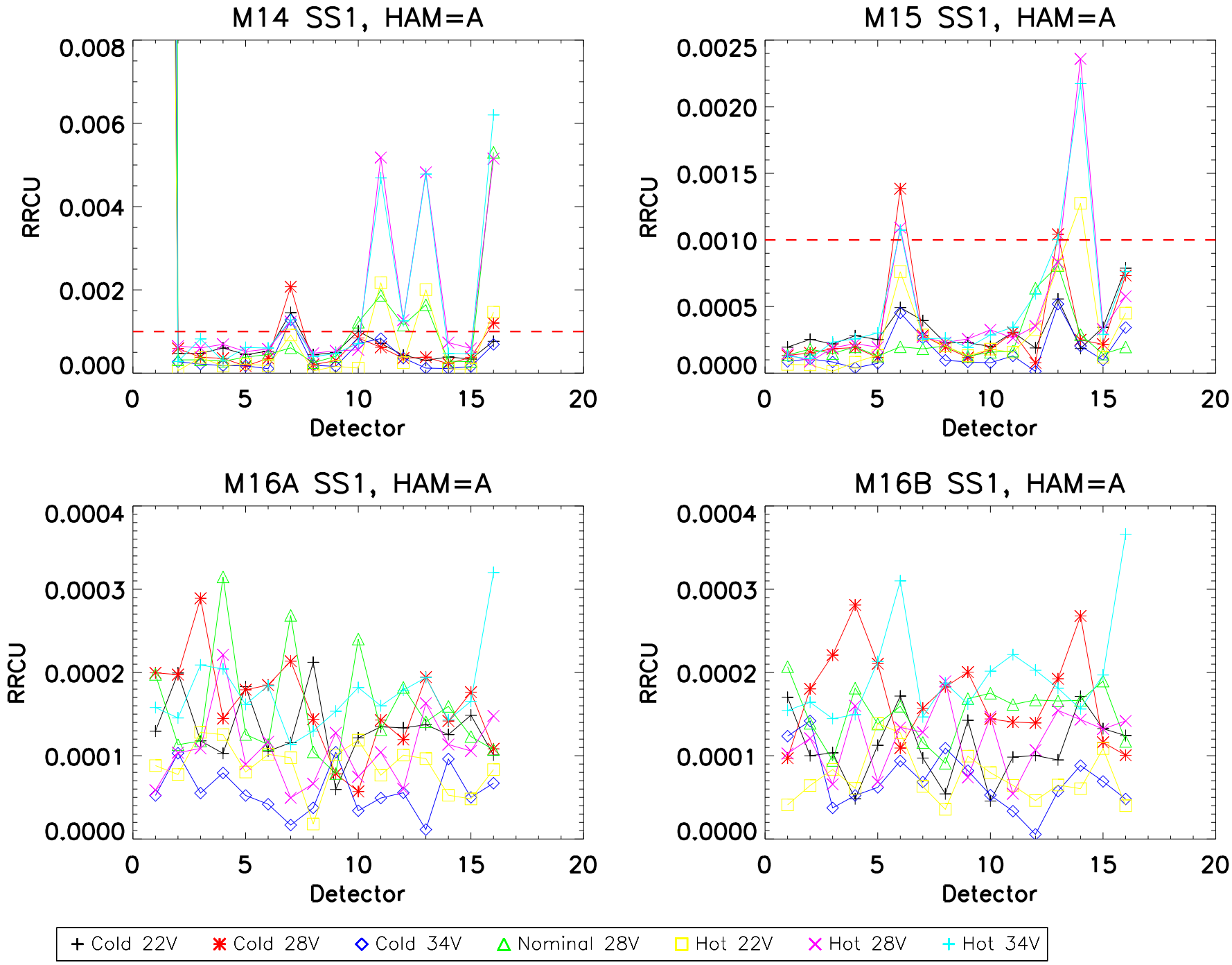
Detector Variation in RRCU



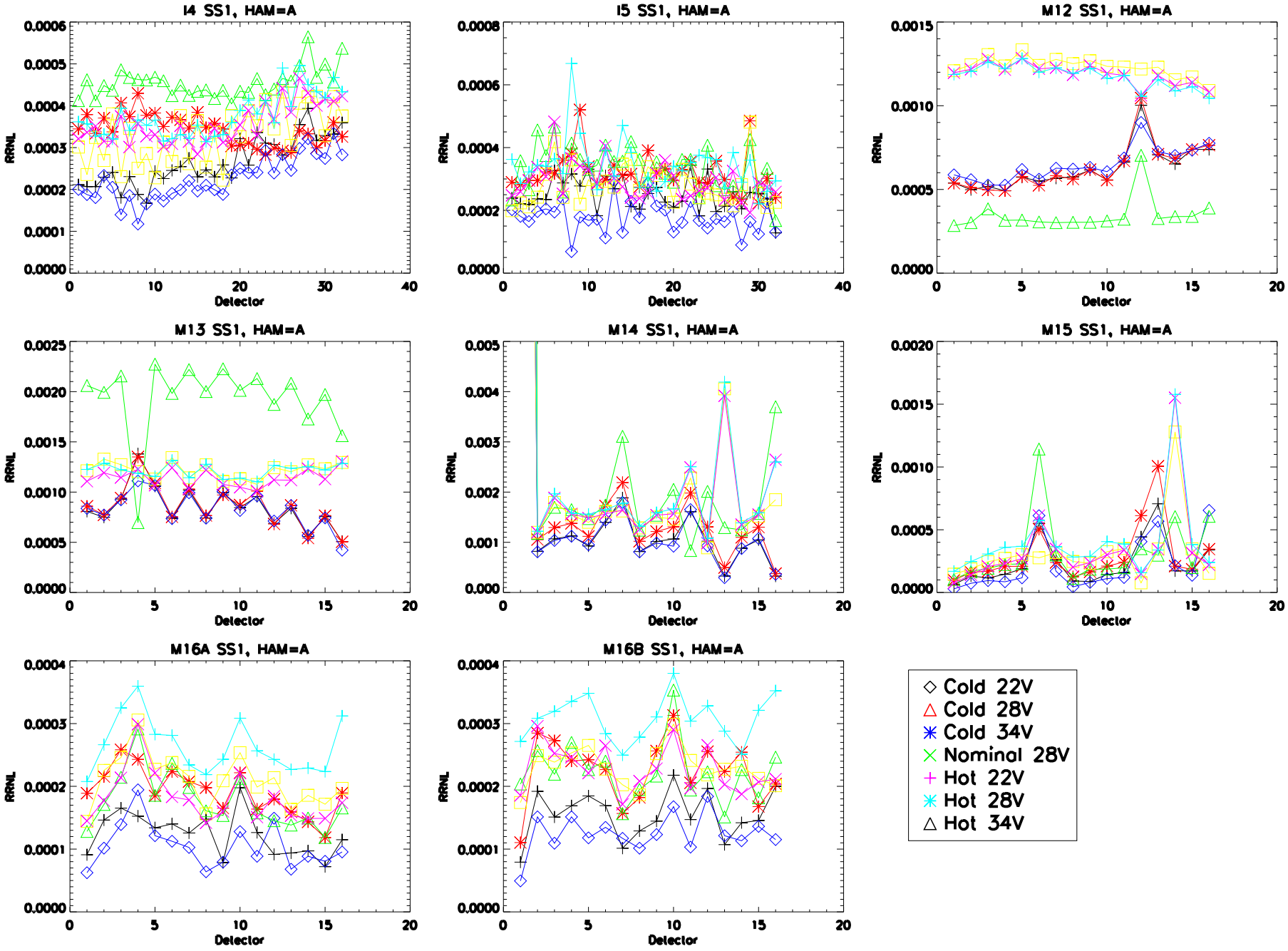
Detector Variation in RRCU



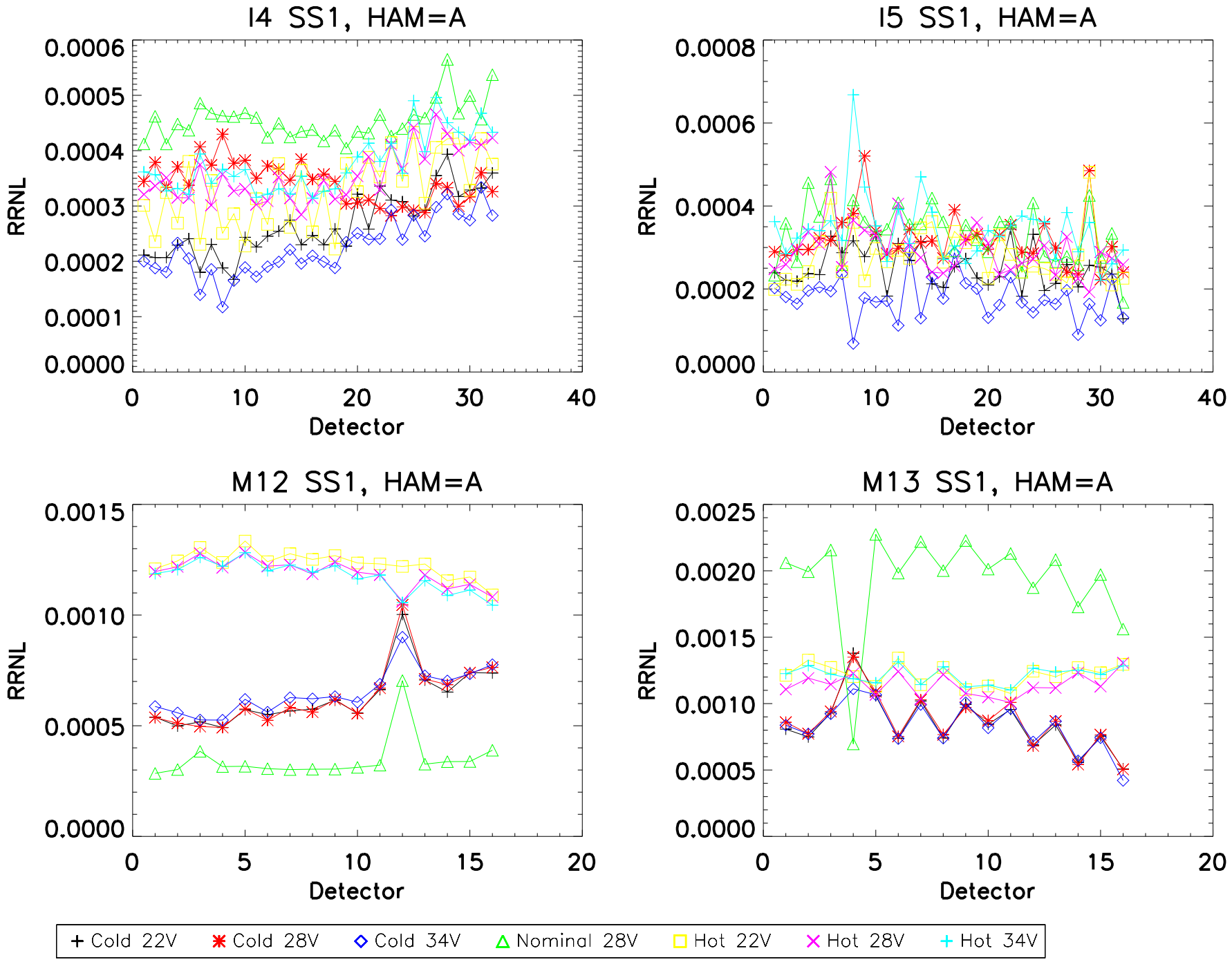
Detector Variation in RRCU

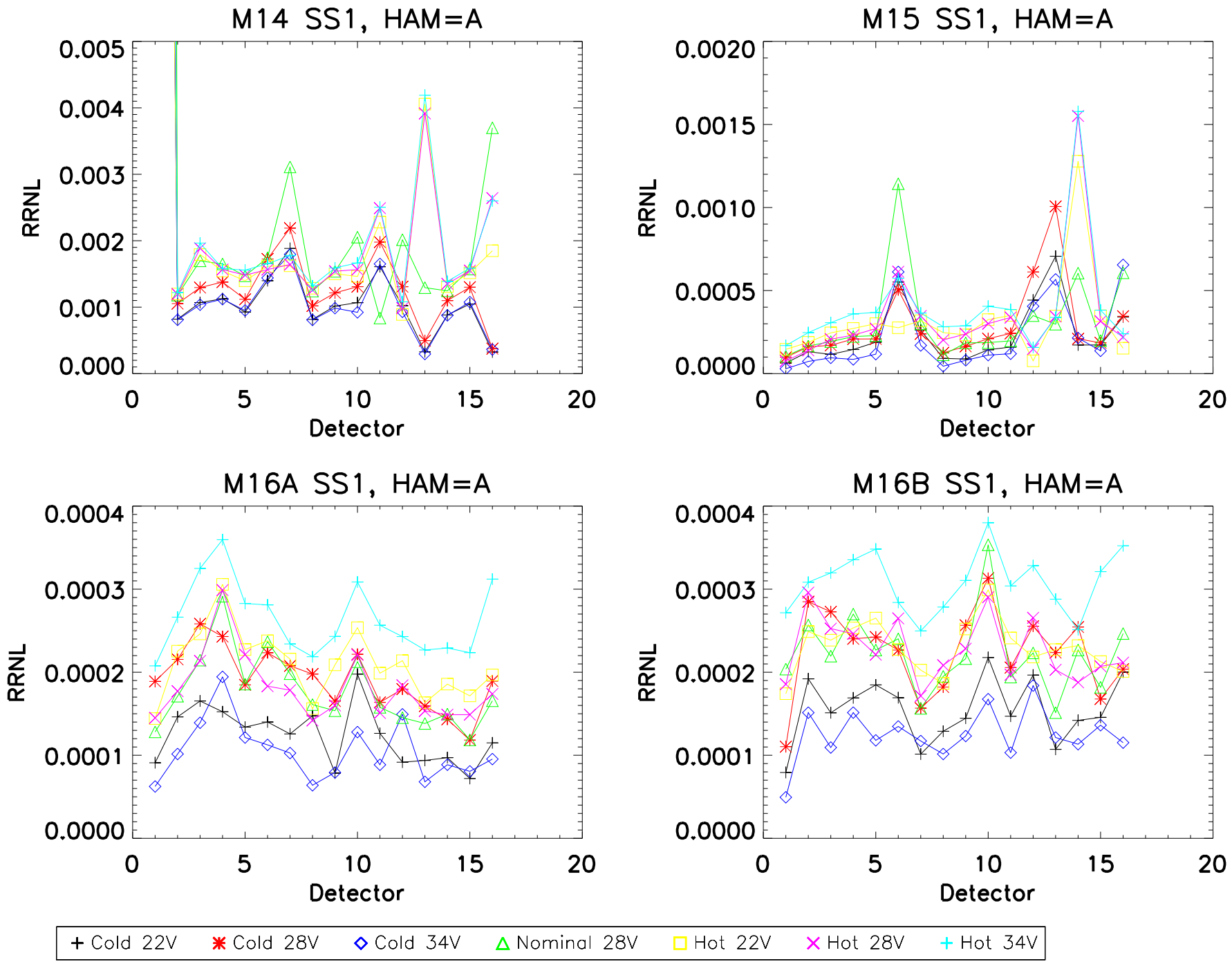


Detector Variation in RRNL

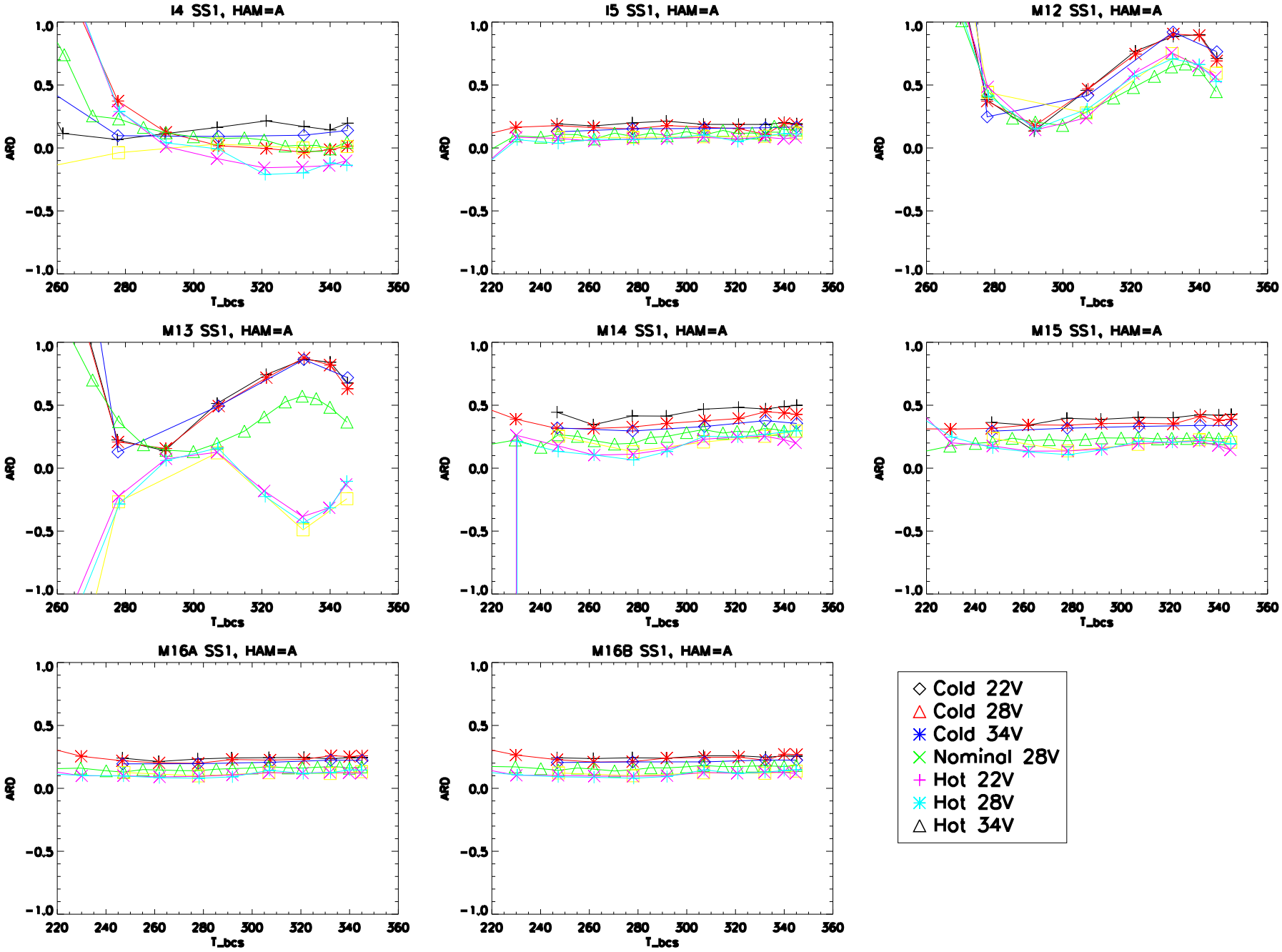


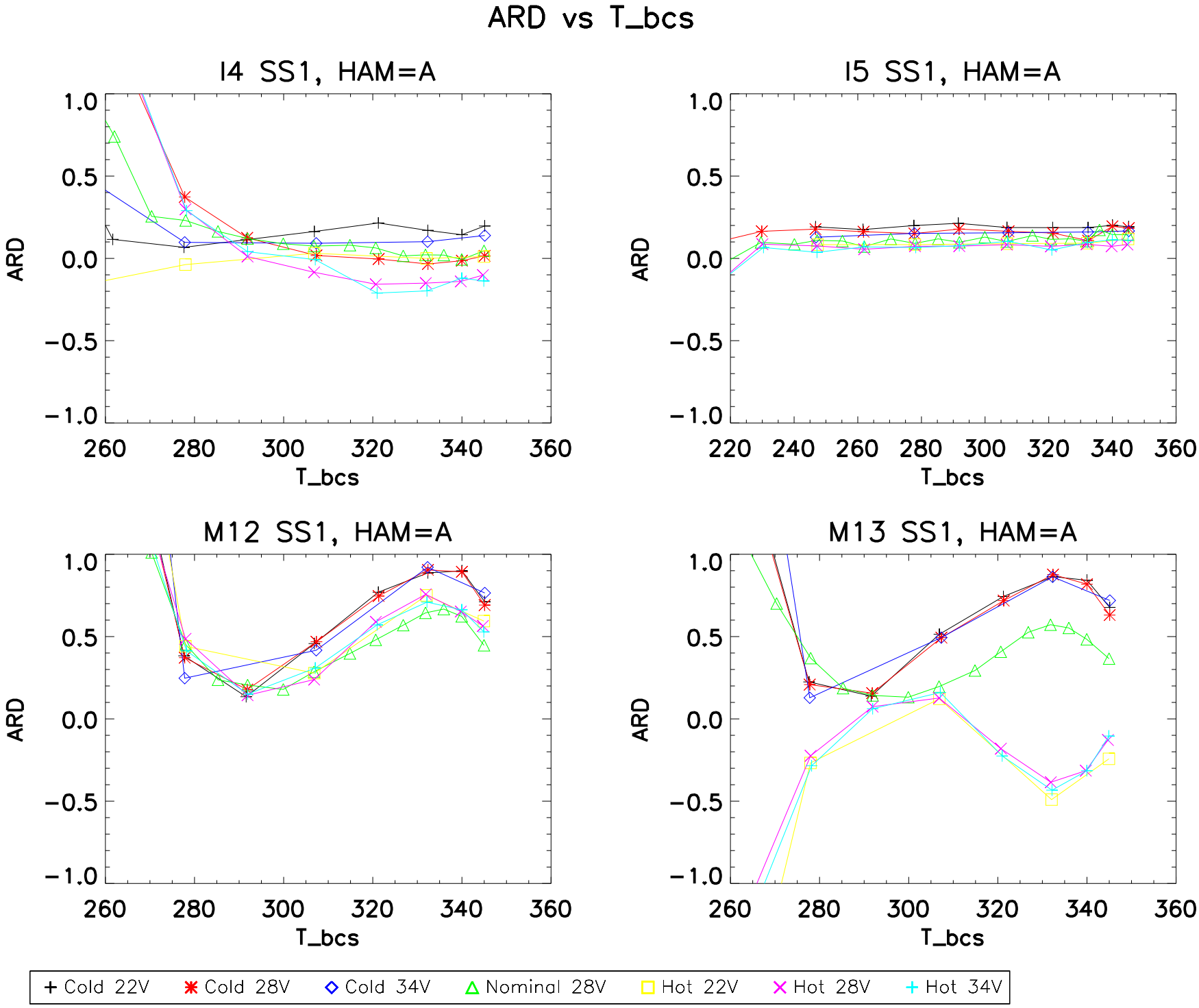
Detector Variation in RRNL



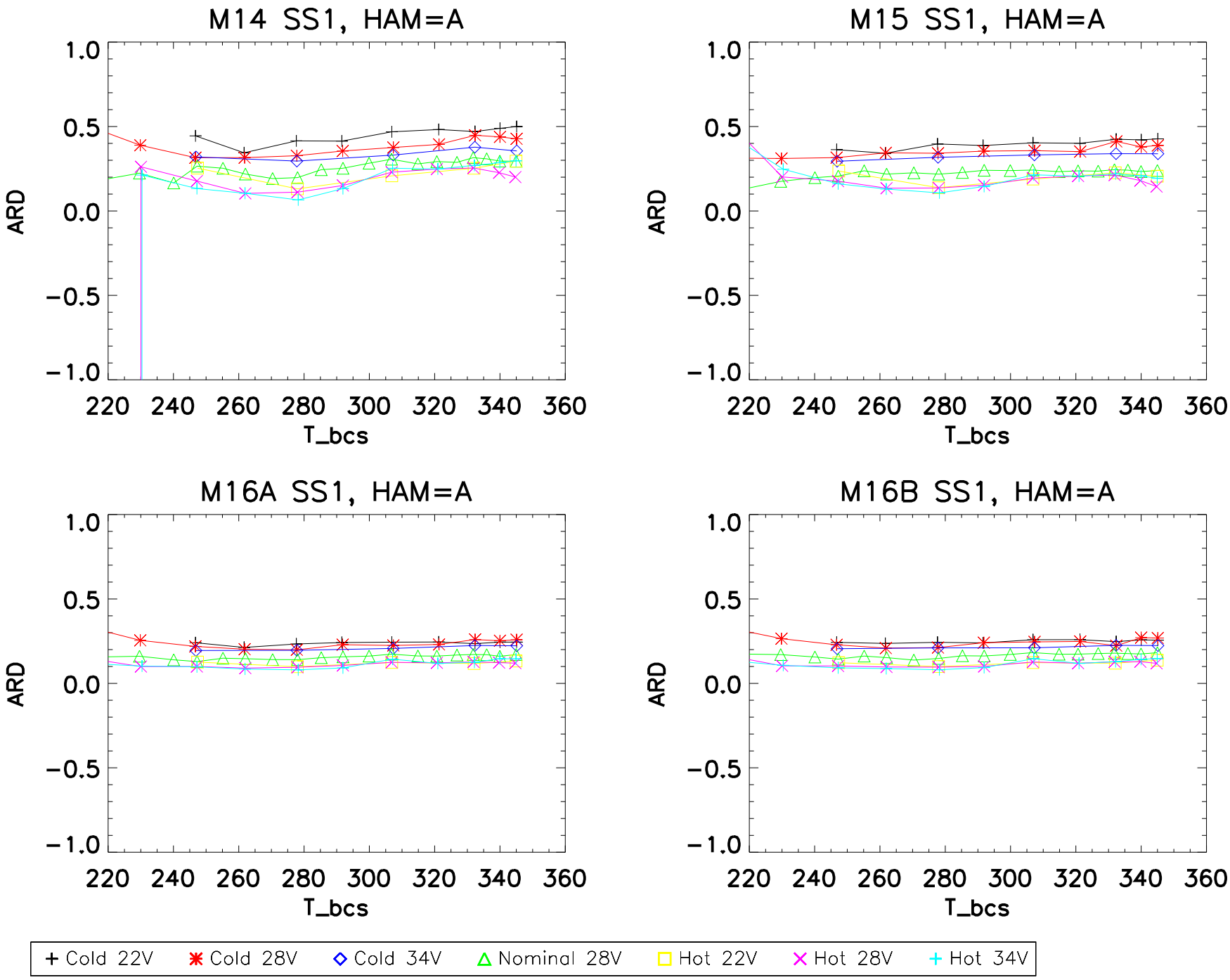

Detector Variation in RRNL
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
RRNL
Detector
0.005
0.004
0.003
0.002
0.001
0.000
0.0020
0.0015
0.0010
0.0005
0.0000
0.0004
0.0003
0.0002
0.0001
0
5
10
15
20
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

ARD vs T_bcs

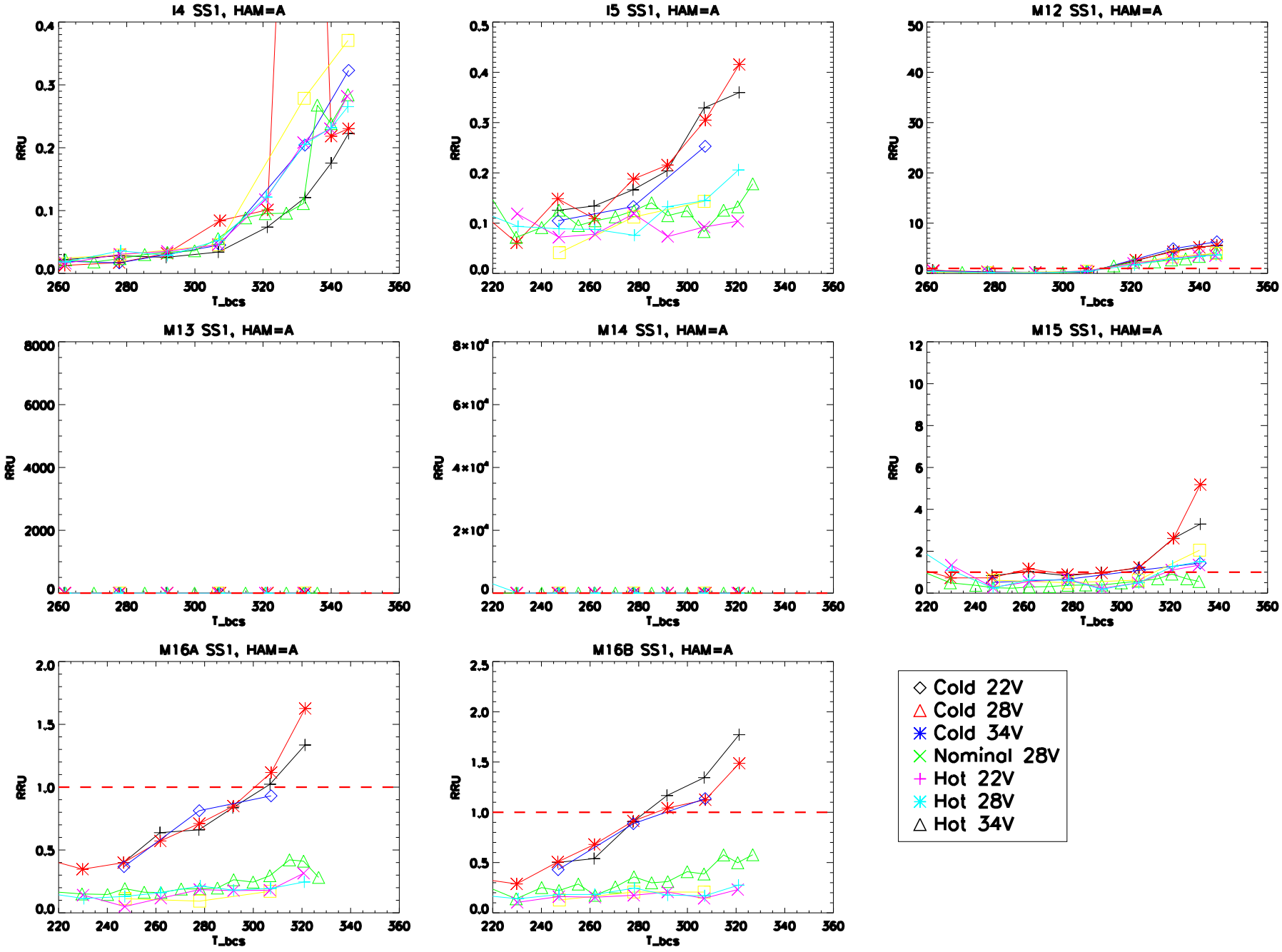

I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
ARD
T_bcs
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

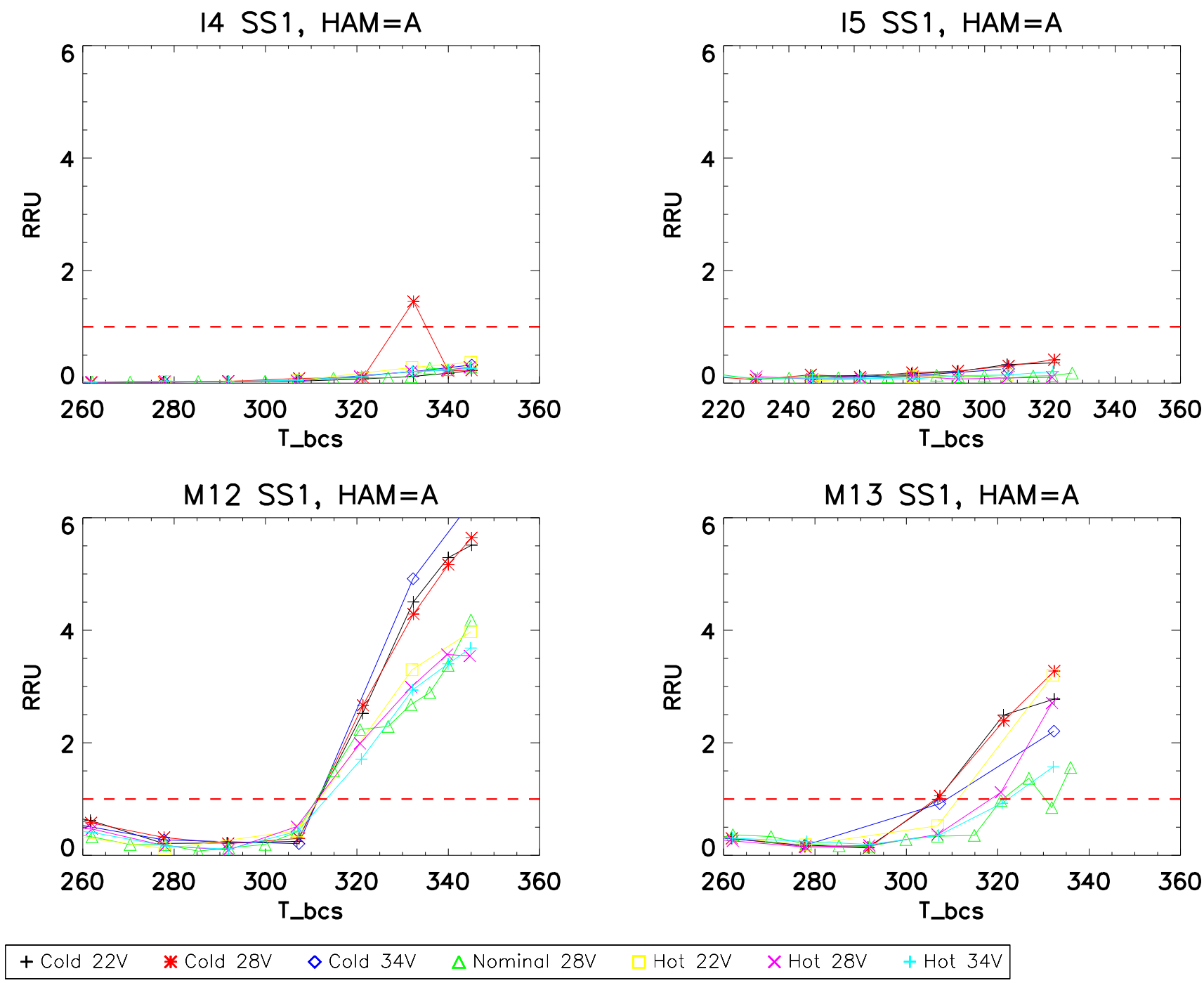

ARD vs T_bcs
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
ARD
T_bcs
1.0
0.5
0.0
−0.5
−1.0
260
280
300
320
340
360
220
240
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

ARD vs T_bcs

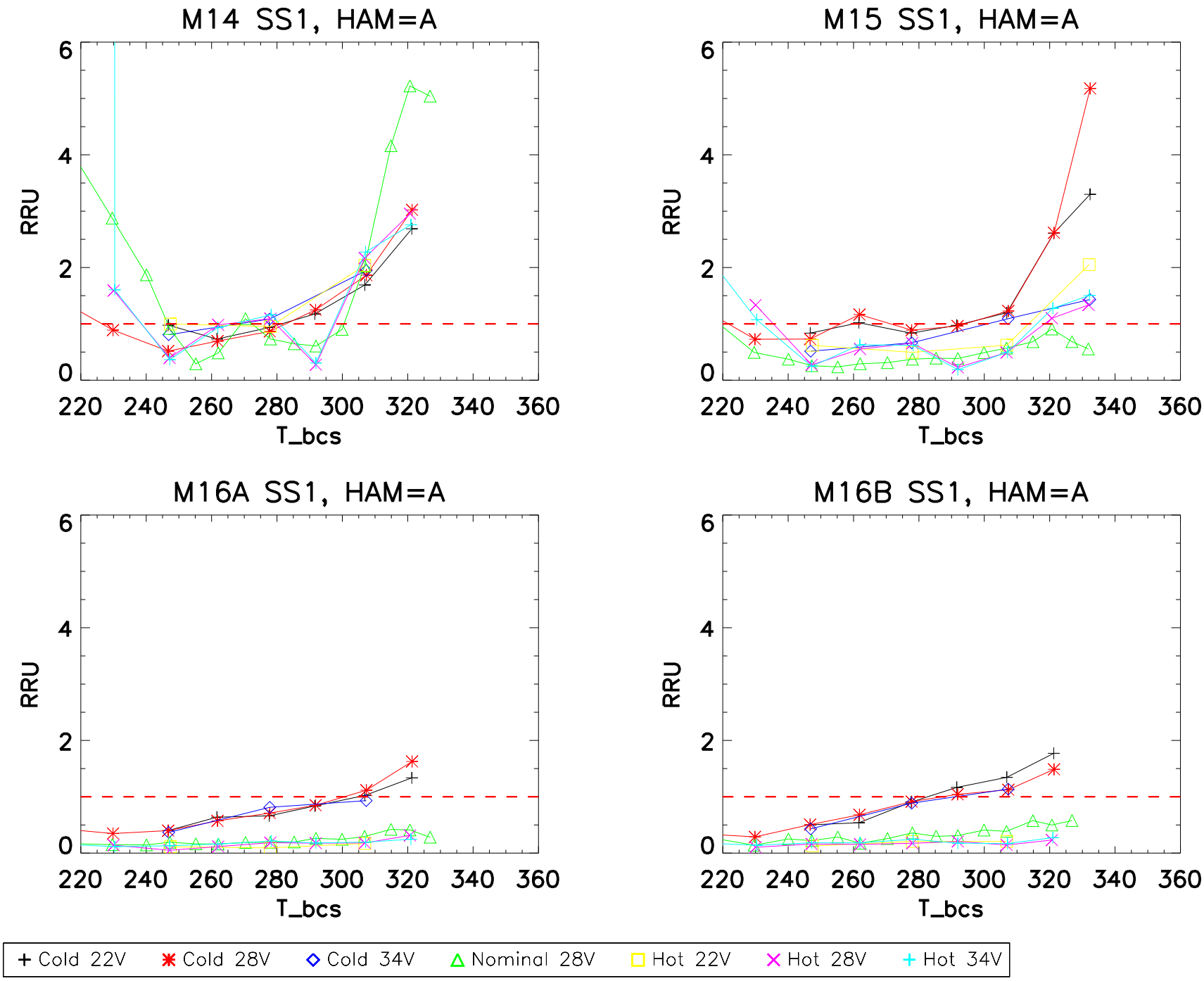

M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
ARD
T_bcs
1.0
0.5
0.0
−0.5
−1.0
220 240 260 280 300 320 340 360
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

RRU in T_bcs


I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
RRU
T_bcs
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V


RRU in T_bcs
I4 SS1, HAM=A
I5 SS1, HAM=A
M12 SS1, HAM=A
M13 SS1, HAM=A
RRU
T_bcs
0
2
4
6
260
280
300
320
340
360
220
240
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V

RRU in T_bcs


M14 SS1, HAM=A
M15 SS1, HAM=A
M16A SS1, HAM=A
M16B SS1, HAM=A
RRU
T_bcs
0
2
4
6
220
240
260
280
300
320
340
360
Cold 22V
Cold 28V
Cold 34V
Nominal 28V
Hot 22V
Hot 28V
Hot 34V