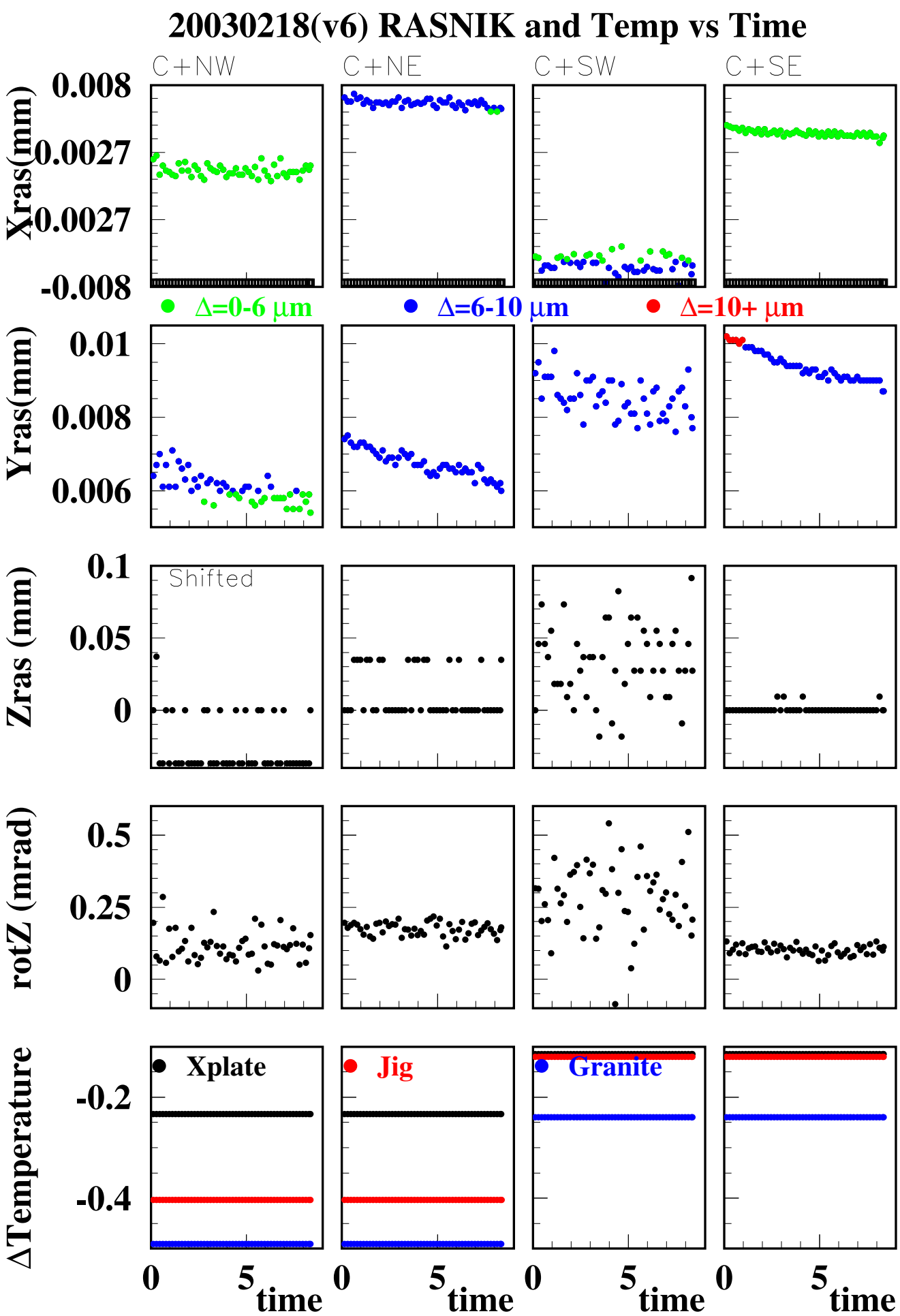
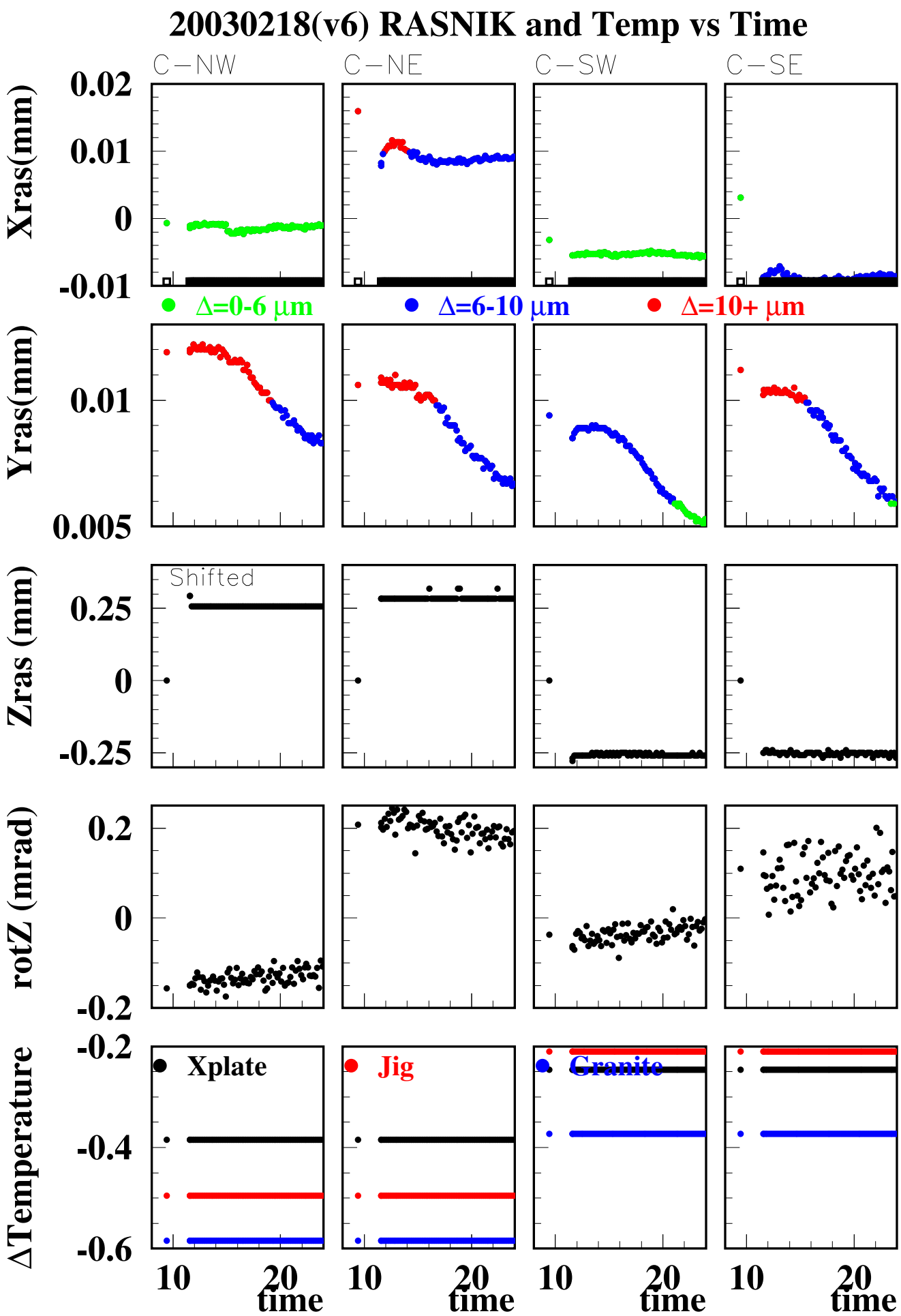
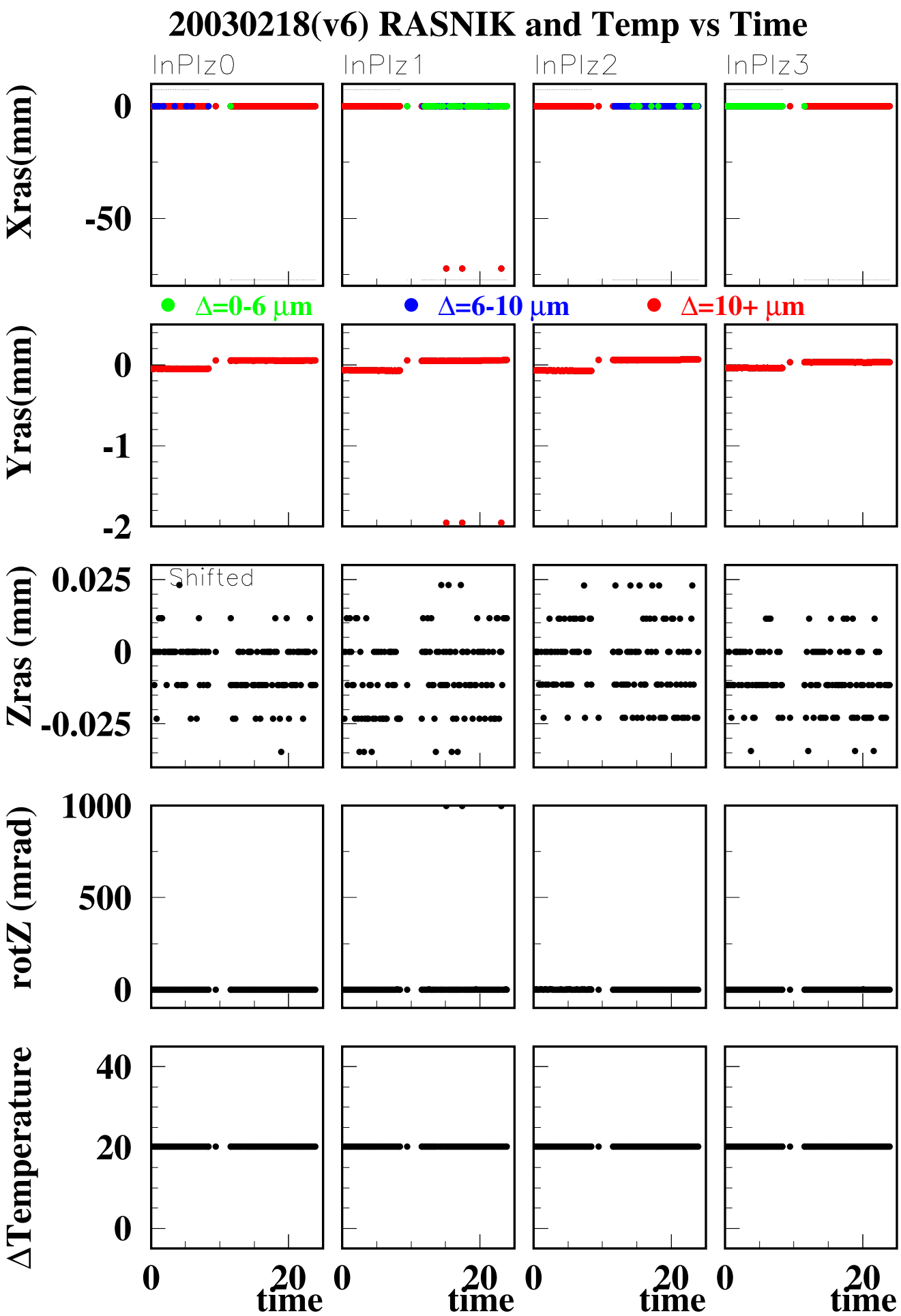
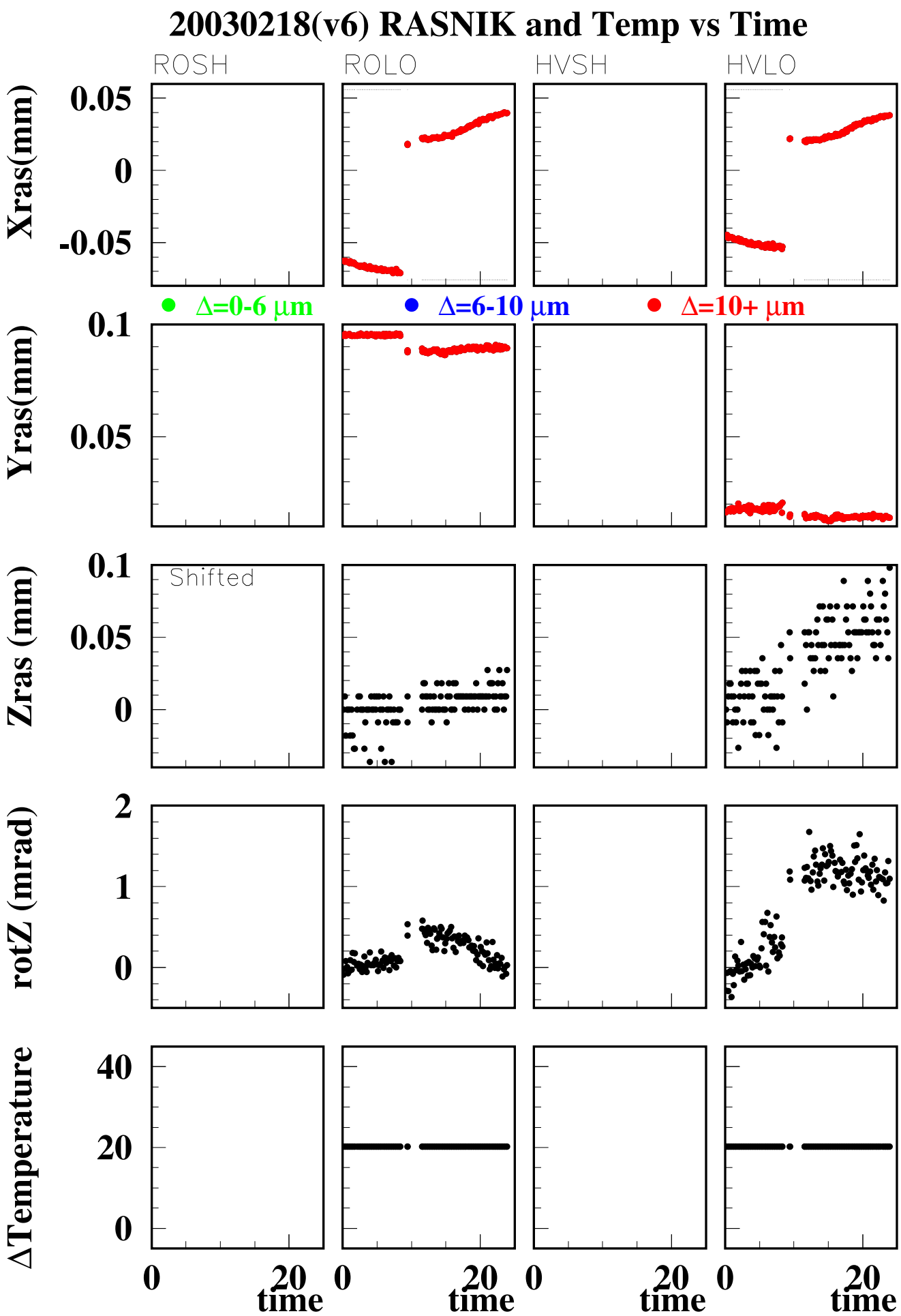

20030218(v6) RASNIK and Temp vs Time
C+NW
C+NE
C+SW
C+SE
Xras(mm)
0.008
0.0027
-0.0027
-0.008
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.01
0.008
0.006
Zras (mm)
0.1
0.05
0
Shifted
rotZ (mrad)
0.5
0.25
0
ΔTemperature
-0.2
-0.4
Xplate
Jig
Granite
0
5
time


20030218(v6) RASNIK and Temp vs Time
C−NW
C−NE
C−SW
C−SE
Xras(mm)
0.02
0.01
0
-0.01
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.01
0.005
Shifted
Zras (mm)
0.25
0
-0.25
rotZ (mrad)
0.2
0
-0.2
ΔTemperature
-0.2
-0.4
-0.6
Xplate
Jig
Granite
10
20
time


20030218(v6) RASNIK and Temp vs Time
InPlz0
InPlz1
InPlz2
InPlz3
Xras(mm)
0
-50
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0
-1
-2
Zras (mm)
Shifted
0.025
0
-0.025
rotZ (mrad)
1000
500
0
ΔTemperature
40
20
0
0
20
time


20030218(v6) RASNIK and Temp vs Time
ROSH
ROLO
HVSH
HVLO
Xras(mm)
0.05
0
-0.05
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.1
0.05
Zras (mm)
0.1
0.05
0
Shifted
rotZ (mrad)
2
1
0
ΔTemperature
40
20
0
0
20
time