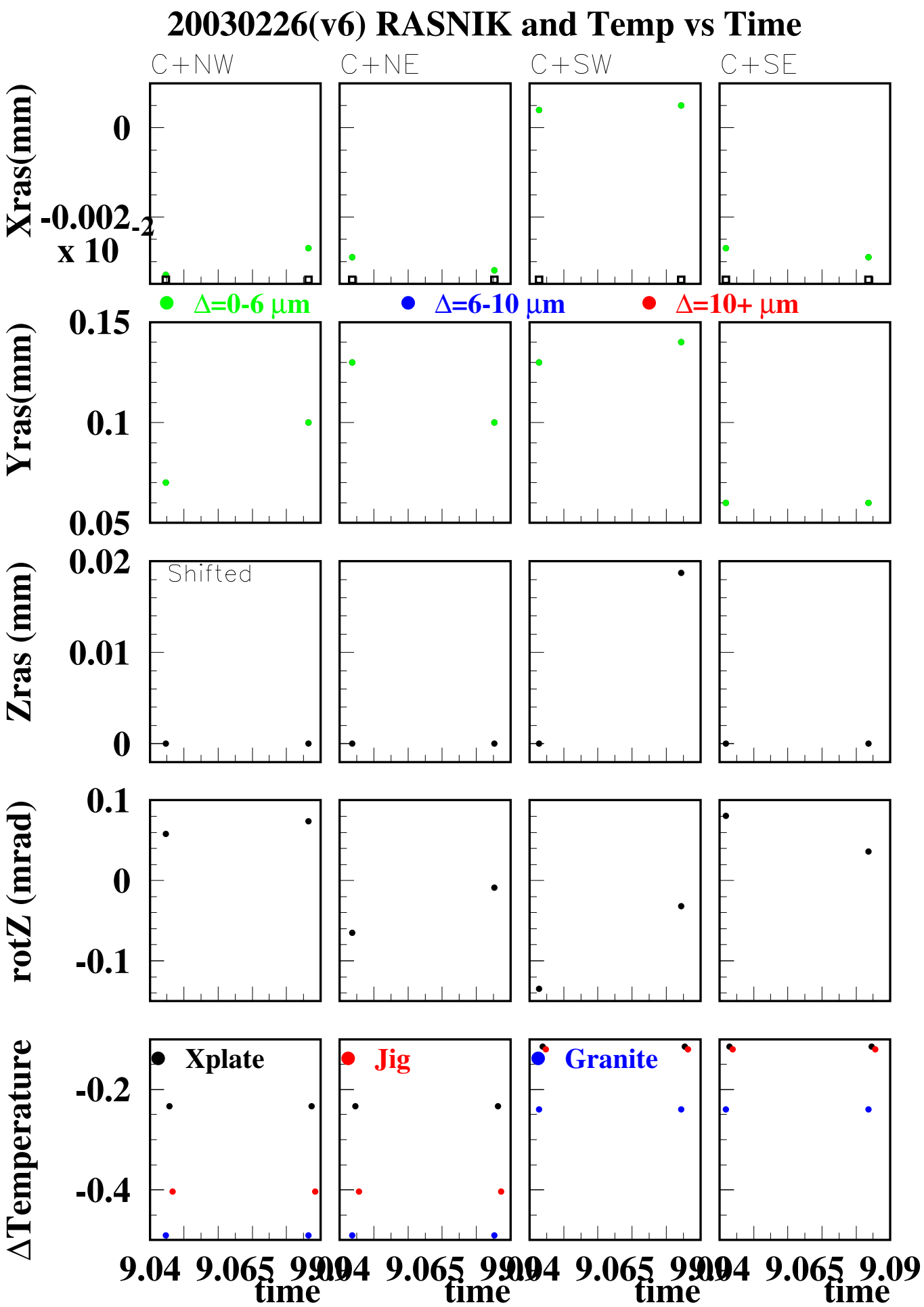
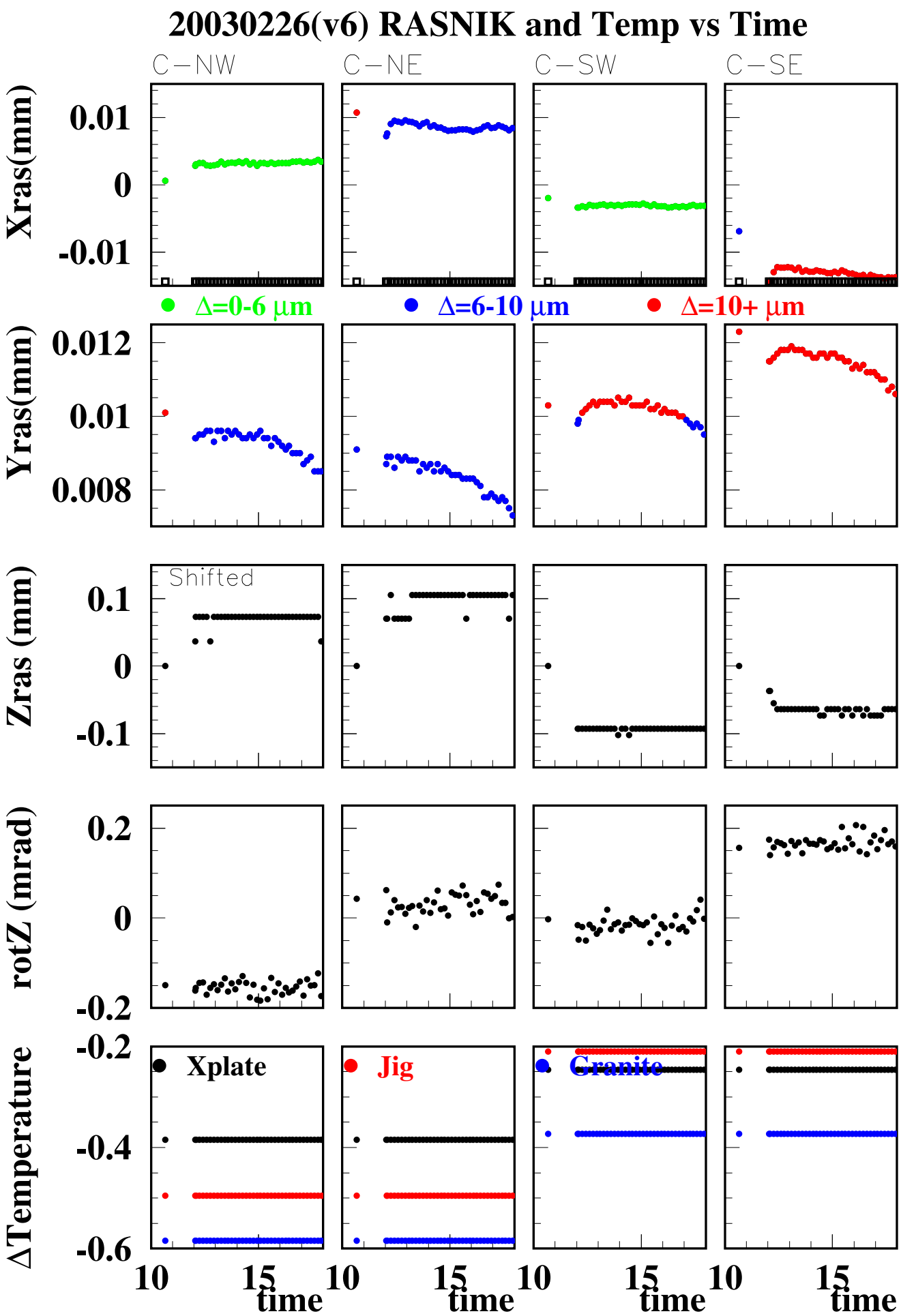
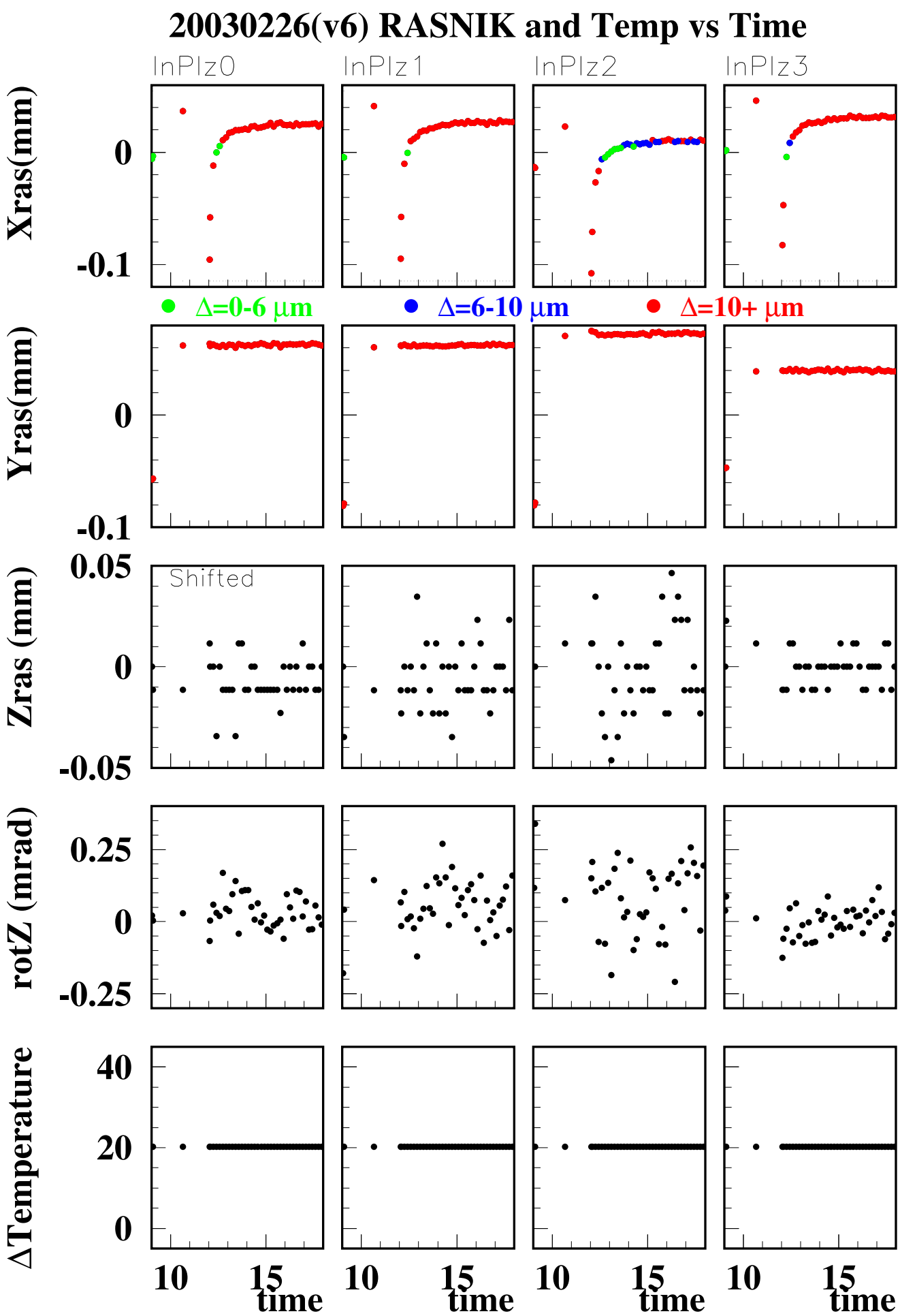
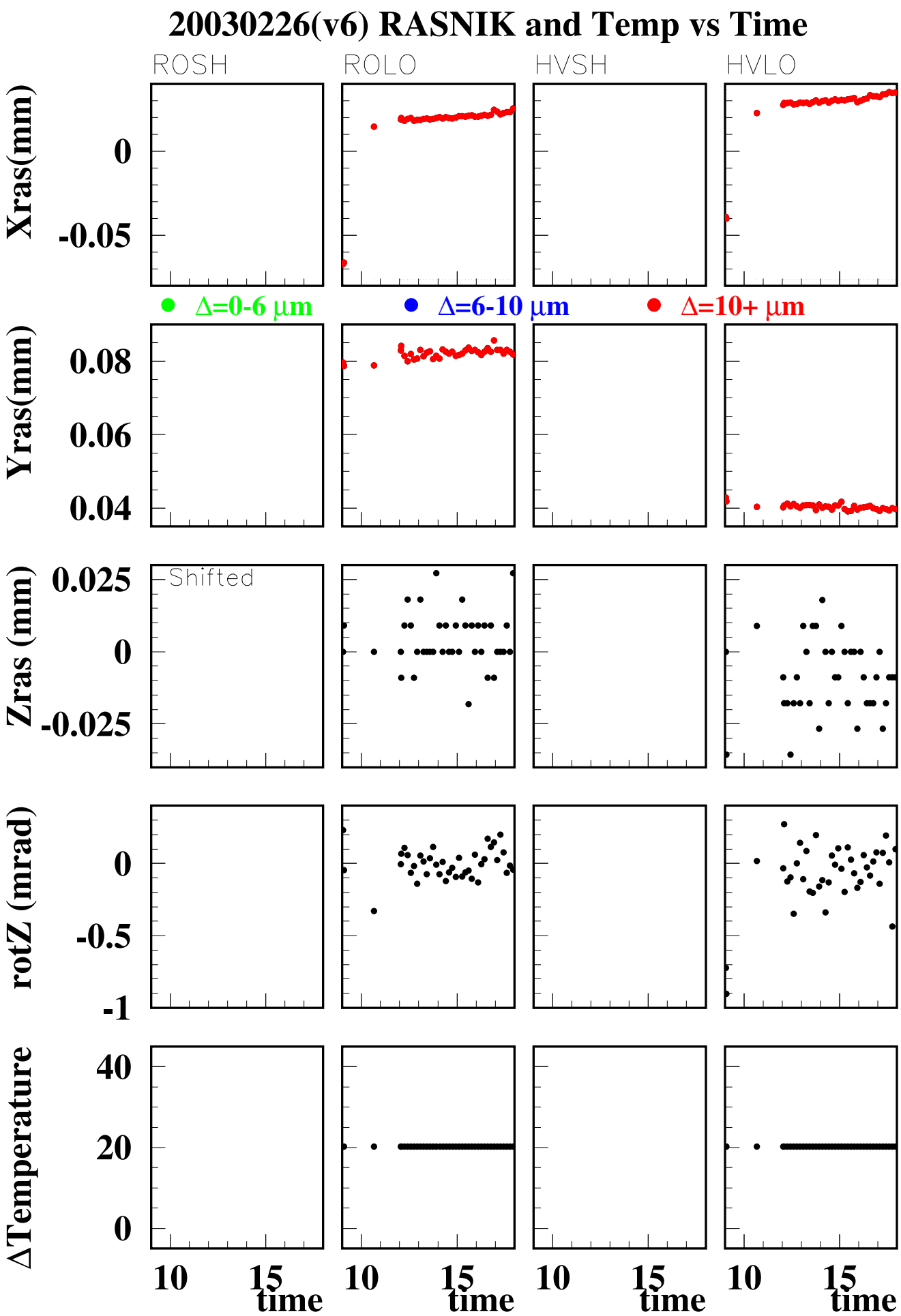

20030226(v6) RASNIK and Temp vs Time
C+NW
C+NE
C+SW
C+SE
Xras(mm)
0
-0.002
x 10-2
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.15
0.1
0.05
Zras (mm)
0.02
0.01
0
Shifted
rotZ (mrad)
0.1
0
-0.1
ΔTemperature
Xplate
Jig
Granite
-0.2
-0.4
9.04
9.065
9.09
time


20030226(v6) RASNIK and Temp vs Time
C−NW
C−NE
C−SW
C−SE
Xras(mm)
0.01
0
-0.01
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.012
0.01
0.008
Shifted
Zras (mm)
0.1
0
-0.1
rotZ (mrad)
0.2
0
-0.2
ΔTemperature
-0.2
-0.4
-0.6
Xplate
Jig
Granite
10
15
time


20030226(v6) RASNIK and Temp vs Time
InPlz0
InPlz1
InPlz2
InPlz3
Xras(mm)
0
-0.1
● Δ=0-6 μm
● Δ=6-10 μm
● Δ=10+ μm
Yras(mm)
0
-0.1
Zras (mm)
0.05
0
-0.05
Shifted
rotZ (mrad)
0.25
0
-0.25
ΔTemperature
40
20
0
10
15
time


20030226(v6) RASNIK and Temp vs Time
ROSH
ROLO
HVSH
HVLO
Xras(mm)
0
-0.05
Δ=0-6 μm
Δ=6-10 μm
Δ=10+ μm
Yras(mm)
0.08
0.06
0.04
Zras (mm)
Shifted
0.025
0
-0.025
rotZ (mrad)
0
-0.5
-1
ΔTemperature
40
20
0
10
15
time