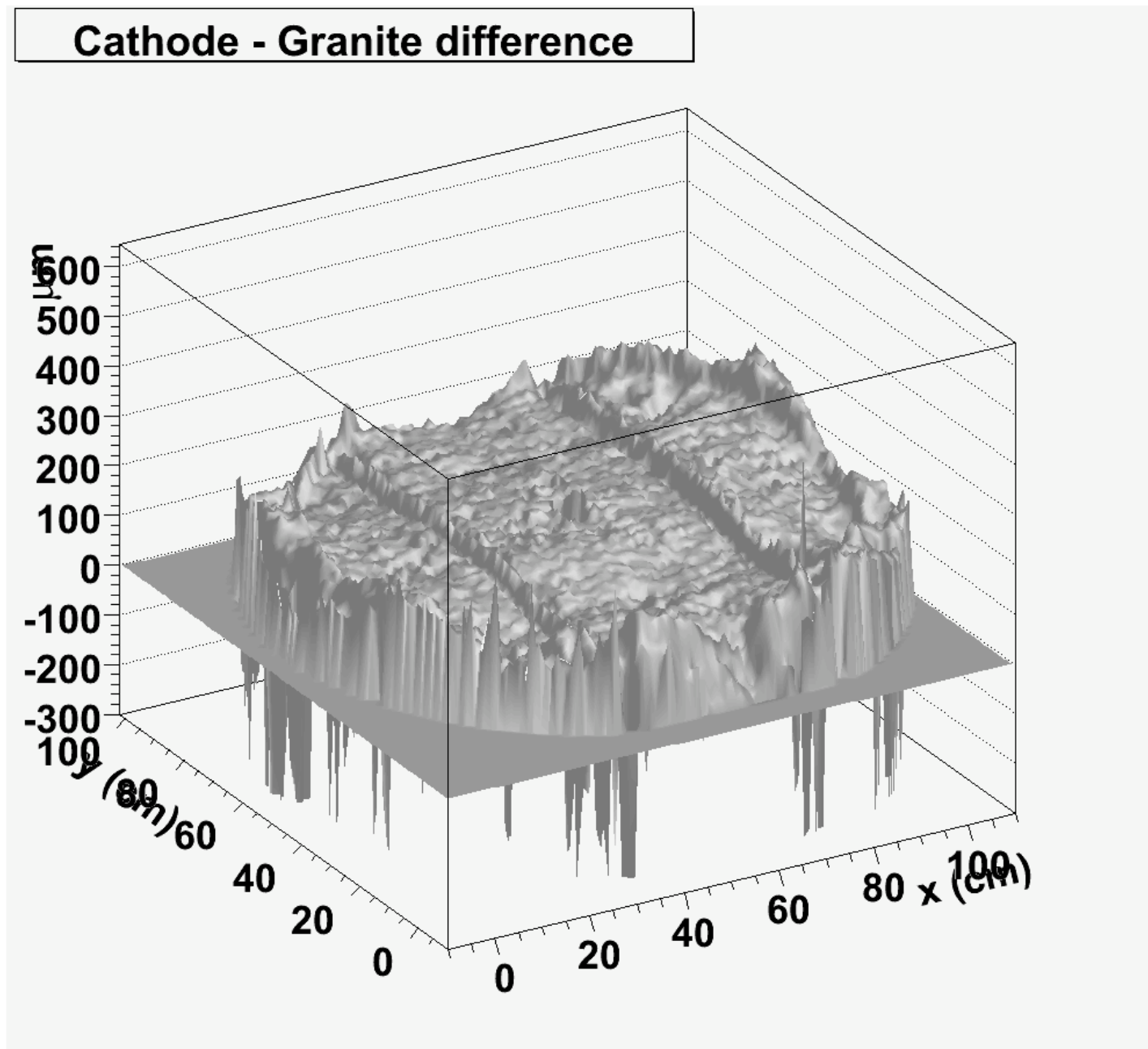


FDC cathode scanner

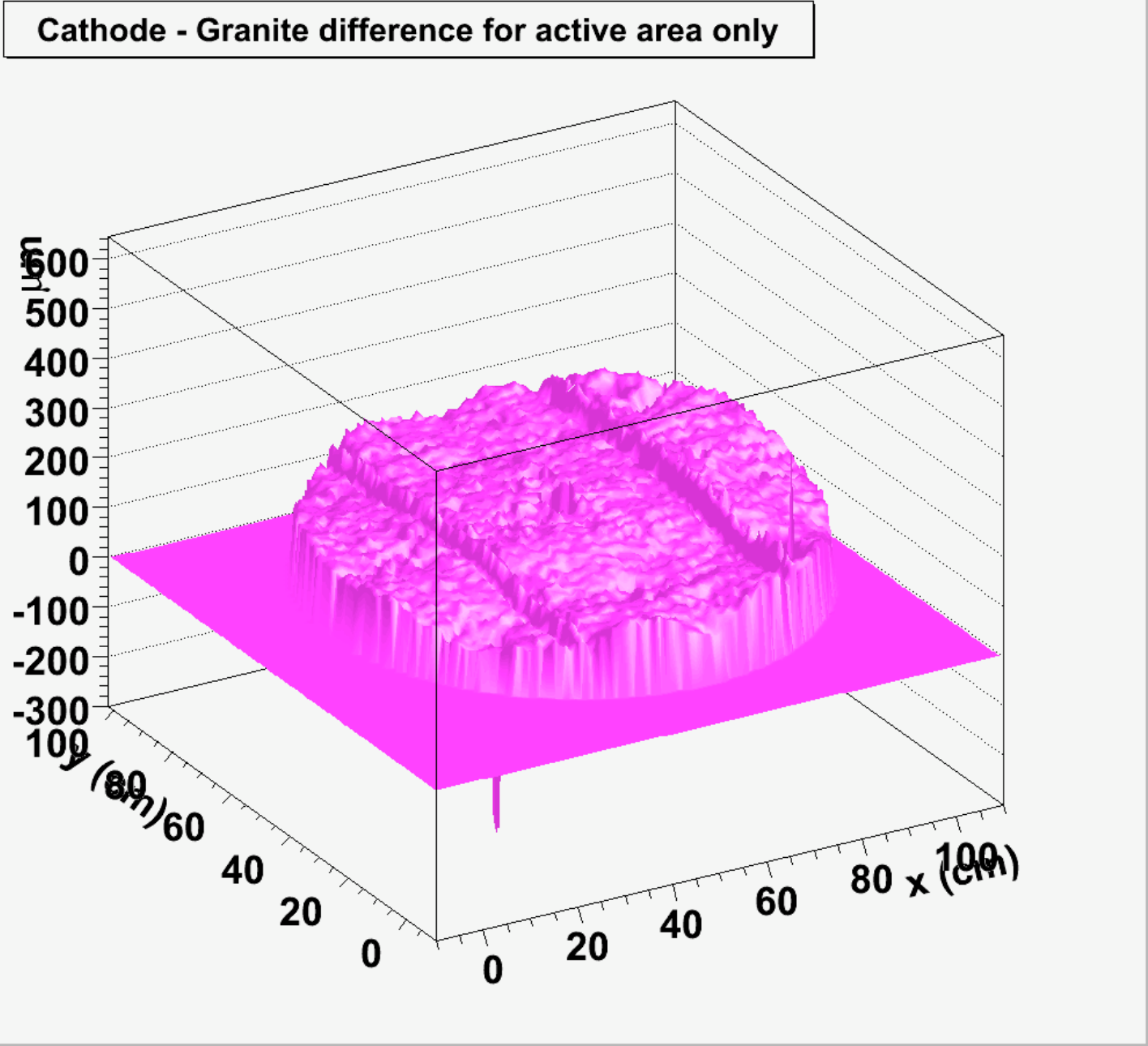
Micah Veilleux CNU

David Lawrence JLab

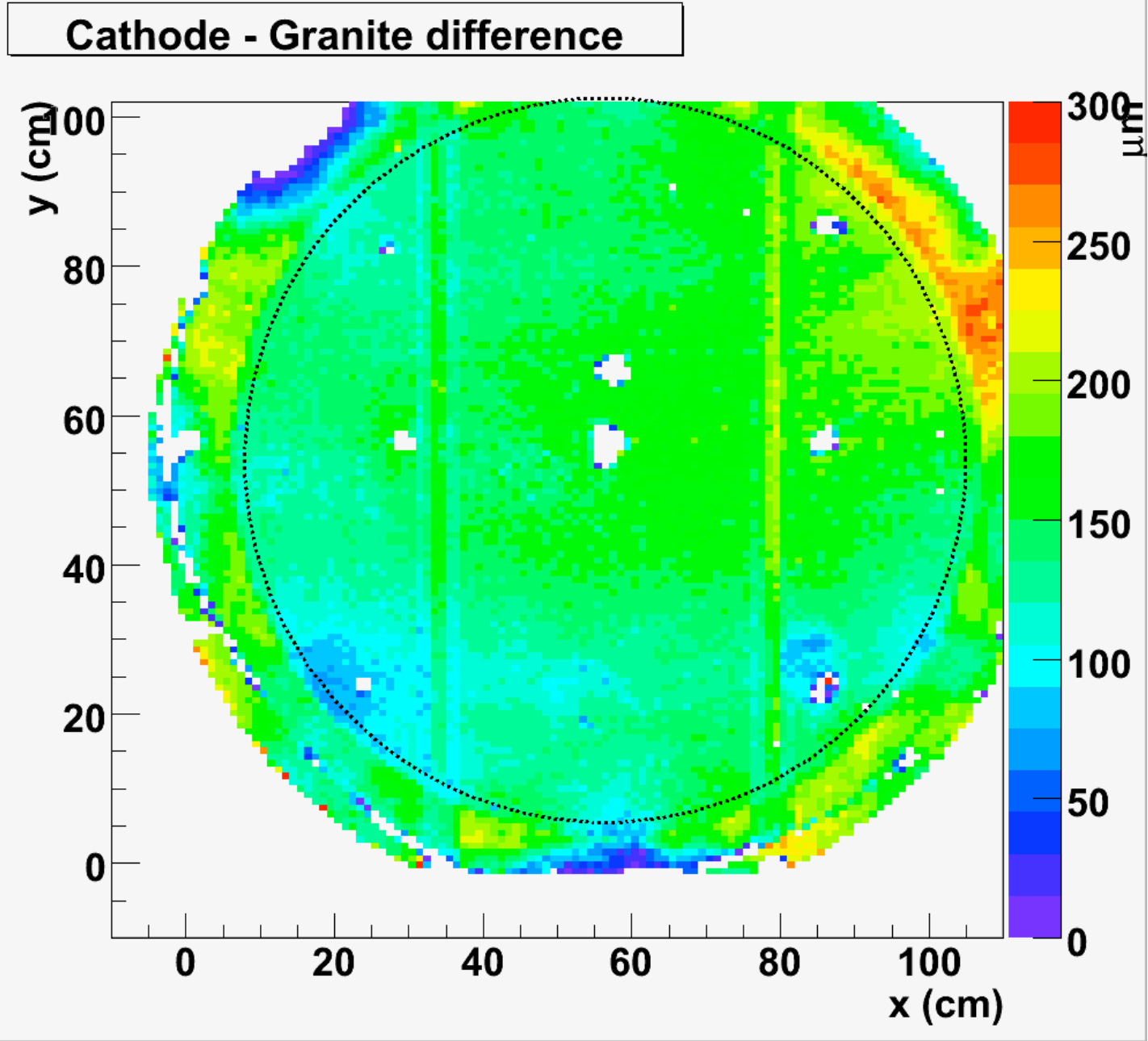
Surface plot of granite-subtracted, high-tension, high-density cathode scan



Surface plot of granite-subtracted, high-tension, high-density cathode scan



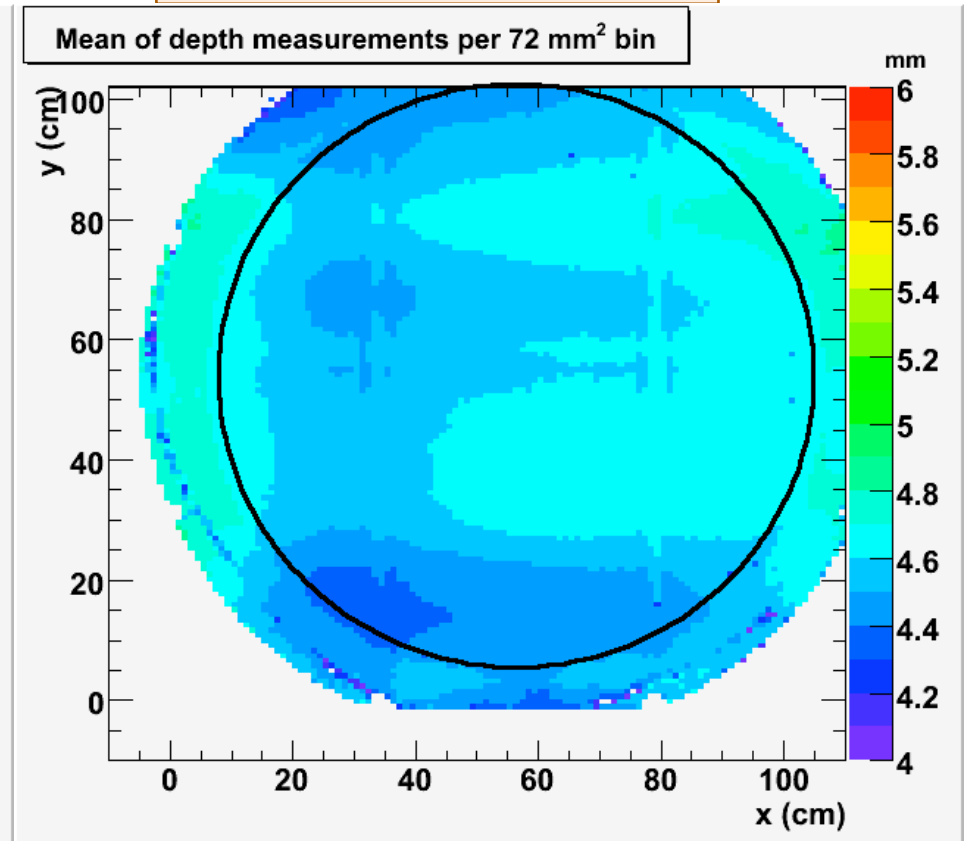
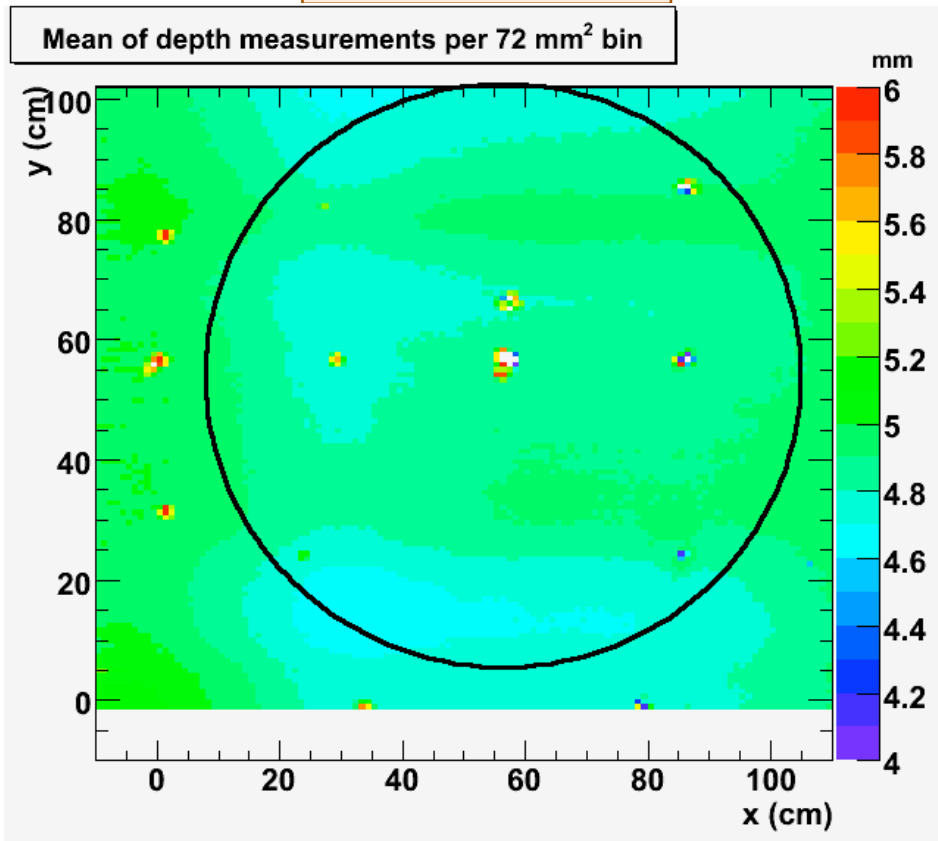
Color plot of granite-subtracted, high-tension, high-density cathode scan



Absolute depth (high density scans)

Granite Rock

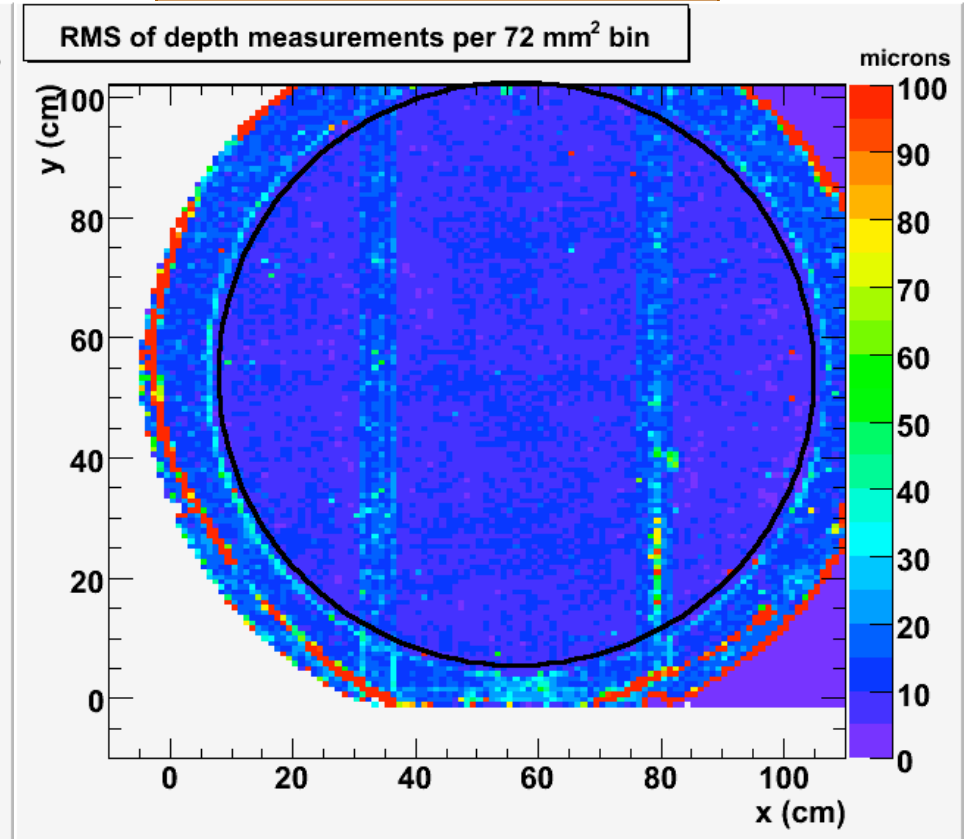
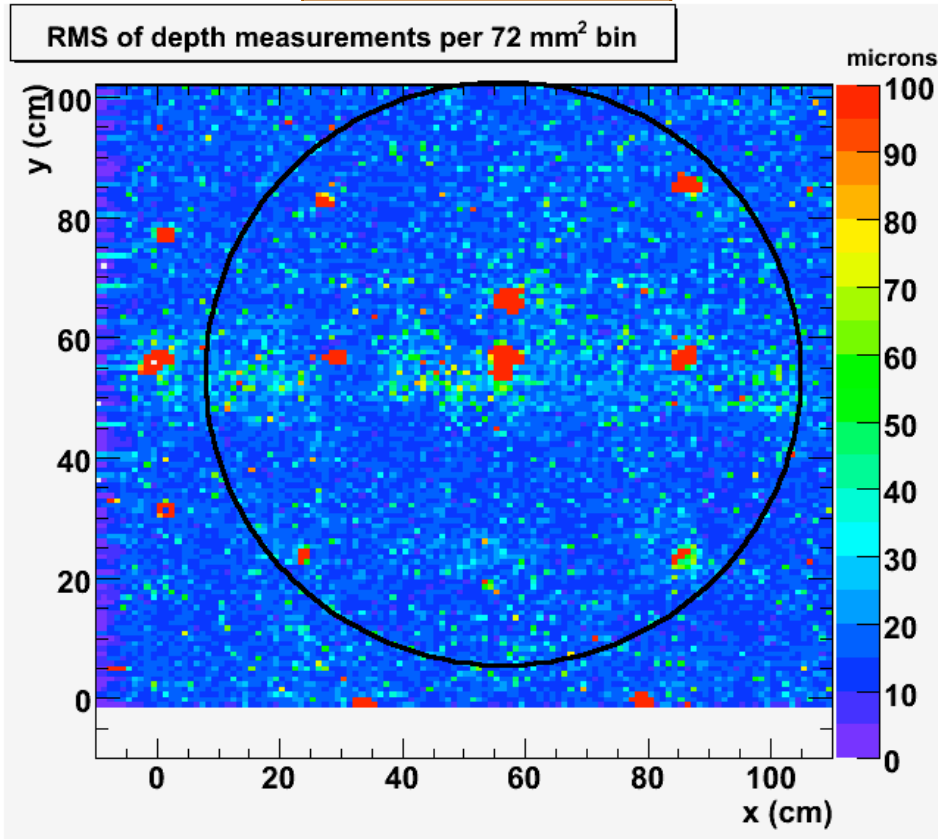
Plane004 (high tension)



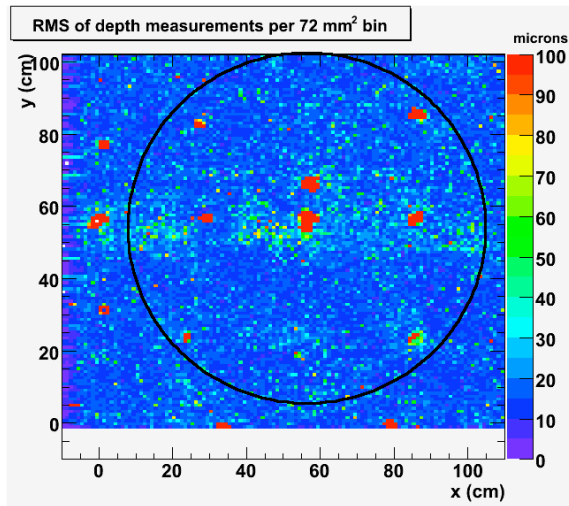
RMS per 8.5 x 8.5 mm² bin (high density scans)

Granite Rock

Plane004 (high tension)



Reports for high density scans

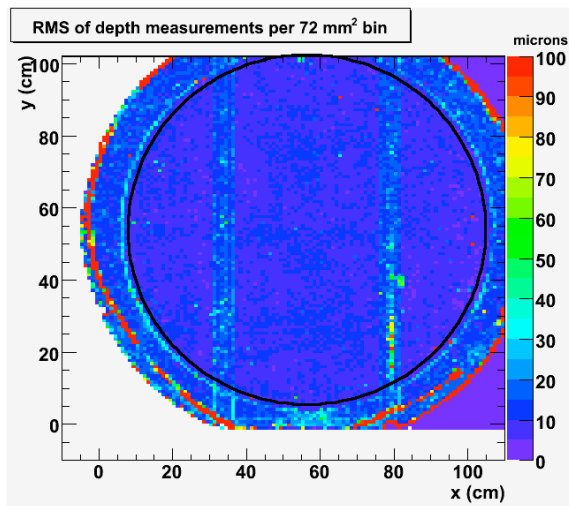


Report for "plane004 000deg 2008_12_15 11_38_18.root"

Active area radius used: 48.5 cm
Cathode center used: x=56.4 cm y=54 cm

Values below reported for active area only:

mean depth: 4.57169 mm
min. depth: 4.20817 mm location: x=9.1 y=36.5455
max. depth: 4.734 mm location: x=39.1 y=26.3636
range: 525.833 microns
mean RMS: 10.6306 microns
min. RMS: 2.85079 microns location: x=27.1 y=-17.7576
max. RMS: 1253.76 microns location: x=9.1 y=36.5455



Report for "plane999 000deg 2008_12_16 16_39_15.root"

Active area radius used: 48.5 cm
Cathode center used: x=56.4 cm y=54 cm

Values below reported for active area only:

mean depth: 4.82729 mm
min. depth: 0.833556 mm location: x=30.1 y=2.60606
max. depth: 6.1336 mm location: x=0.1 y=1.75758
range: 5300.04 microns
mean RMS: 29.4406 microns
min. RMS: 5.84575 microns location: x=-26.9 y=5.15152
max. RMS: 3066.45 microns location: x=0.1 y=2.60606