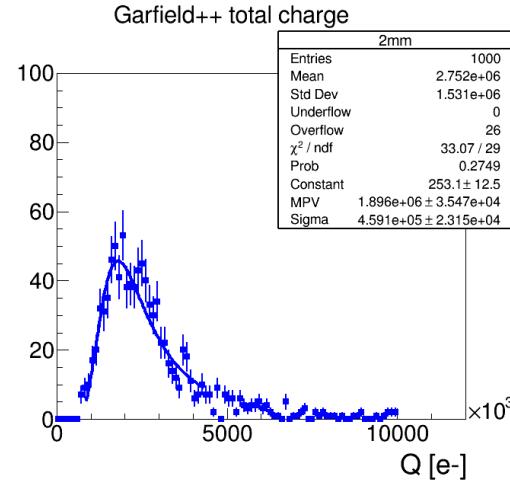
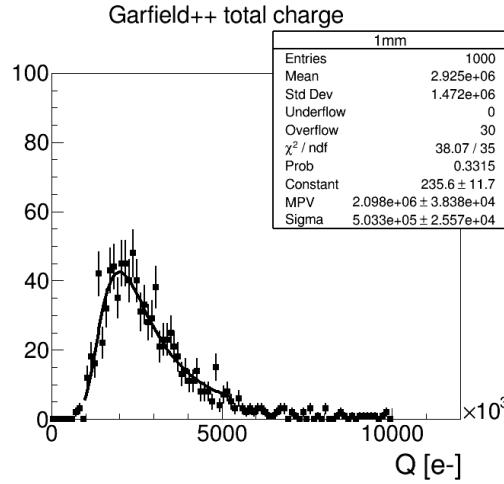
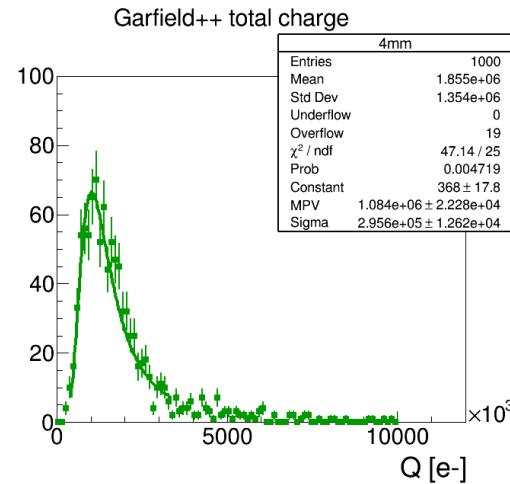
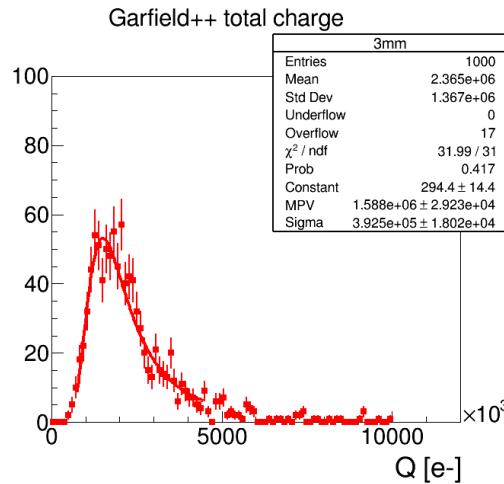
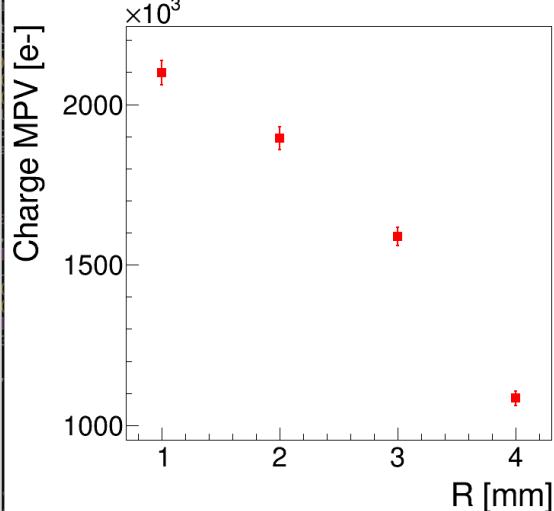


Sonja: gasgain_total_charge

File Edit View Options Tools



File Edit View Options Tools Help



GasGain_Problem_3mm_RD51_theta.root

GasGain_Problem_2mm_RD51_theta.root

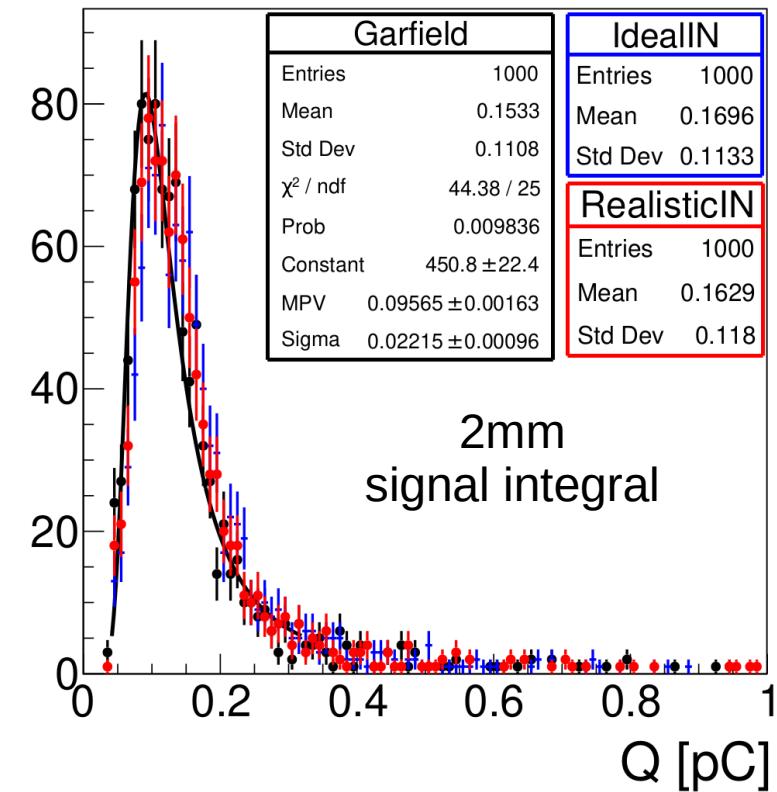
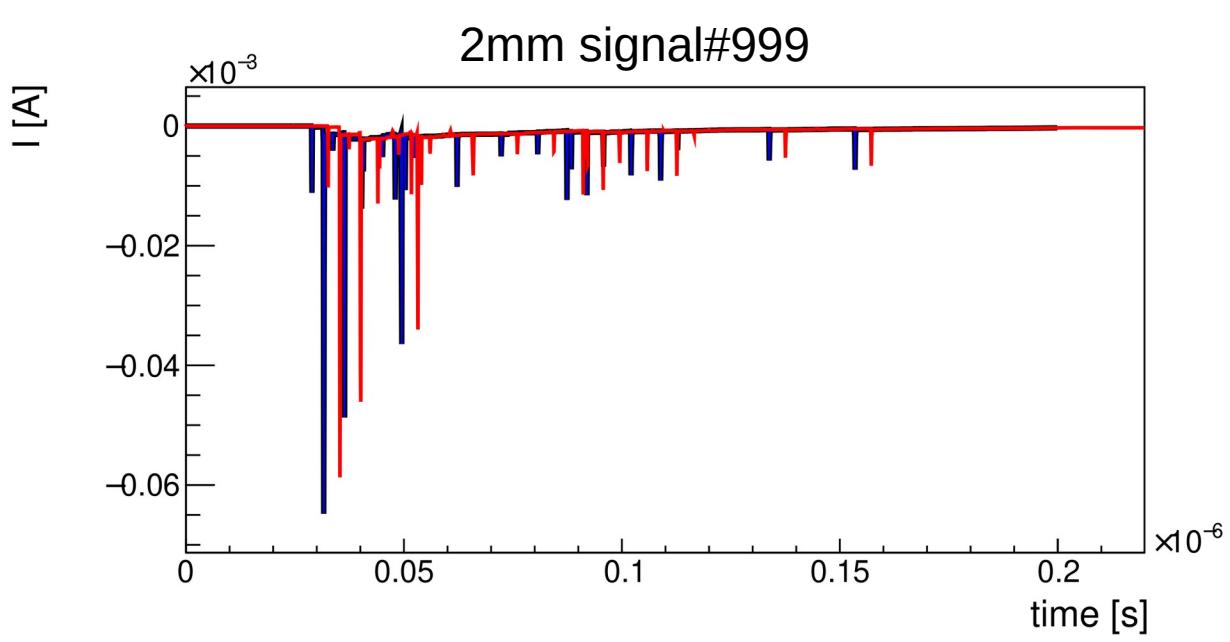
GasGain_Problem_1mm_RD51_theta.root

GasGain_Problem_4mm_RD51_theta.root

Ln 128, Col 31 Spaces: 4 UTF-8 LF { } F

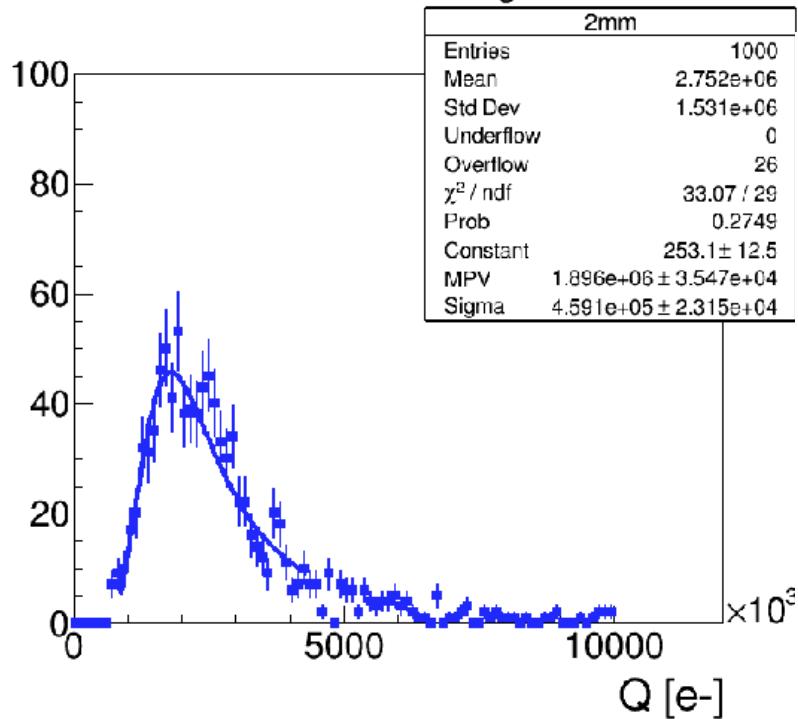
Sonja (Garfield) and Sonja/Vitaly (IdealIN and RealisticIN):

```
# ls signals
1mm_RD51_default 3mm_RD51_default GARFIELD.zip IdealStraw.zip RealStraw.zip
2mm_RD51_default 4mm_RD51_default IdealStraw  RealStraw
```

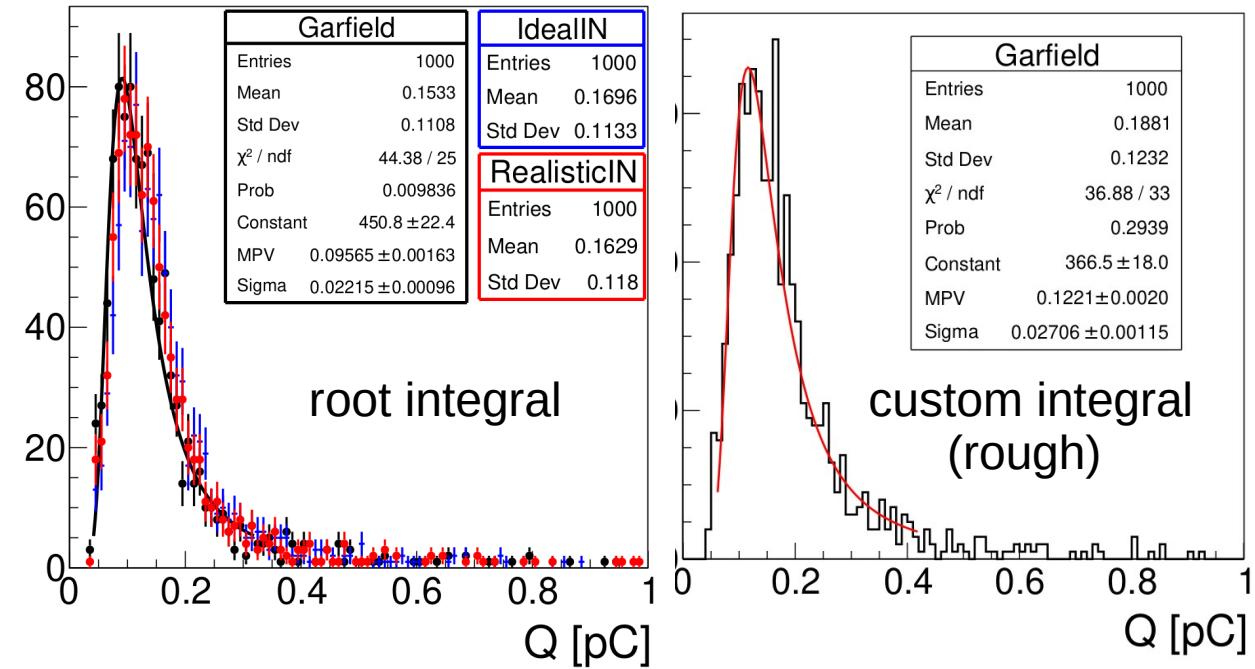


The problem:

Garfield++ total charge

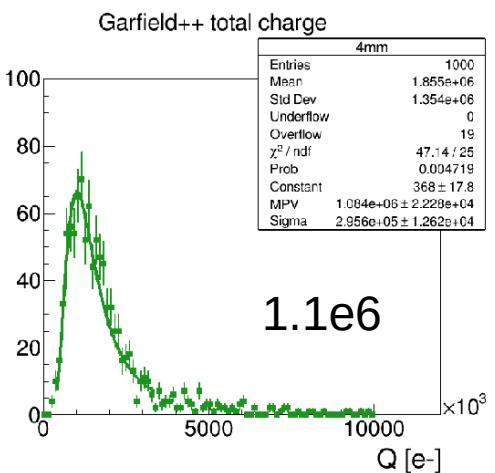
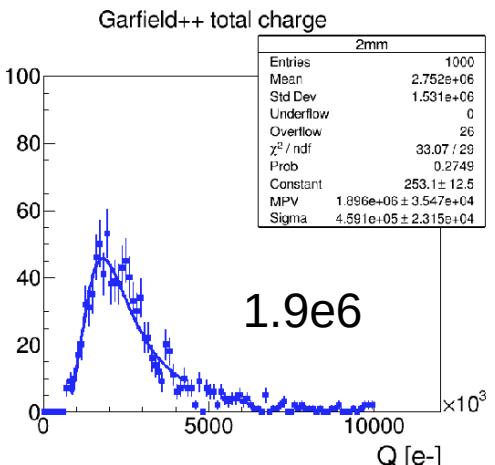


Garfield++ signal charge



2e6 vs 6e5
=> factor 3...

2 vs 4 mm



Ratio – ok
1.72 vs 1.71

