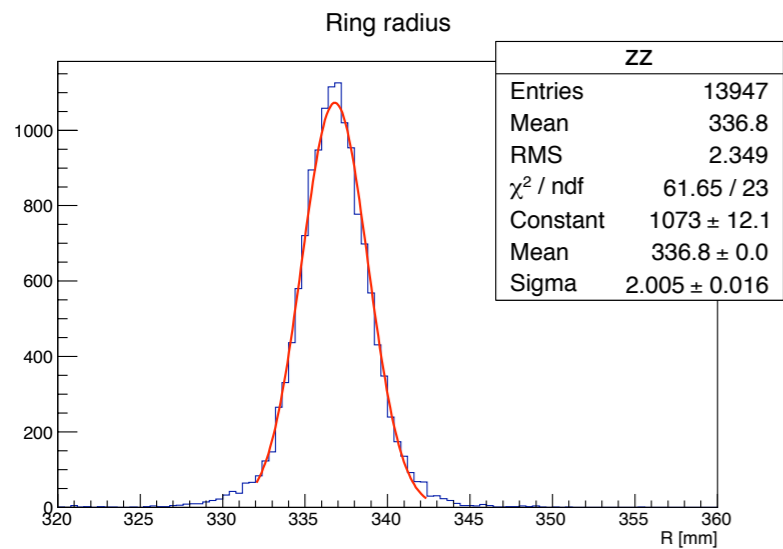
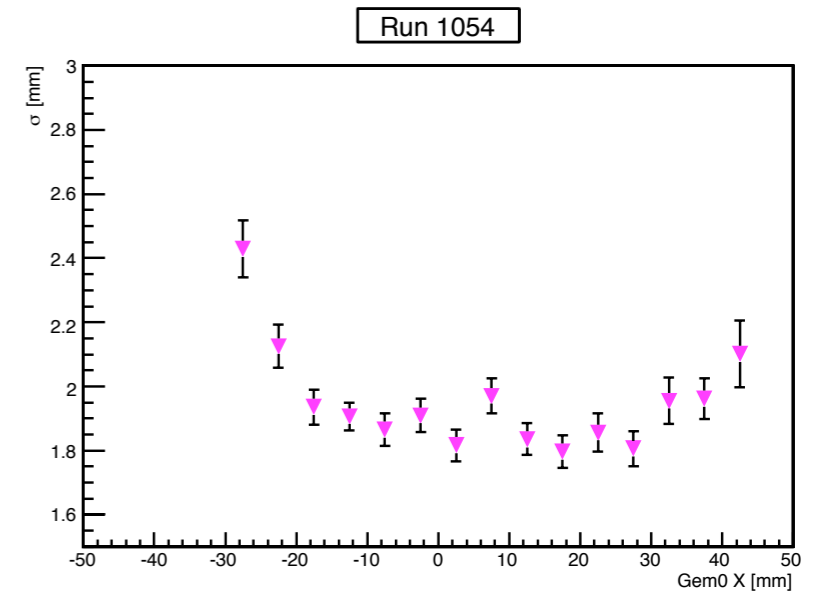
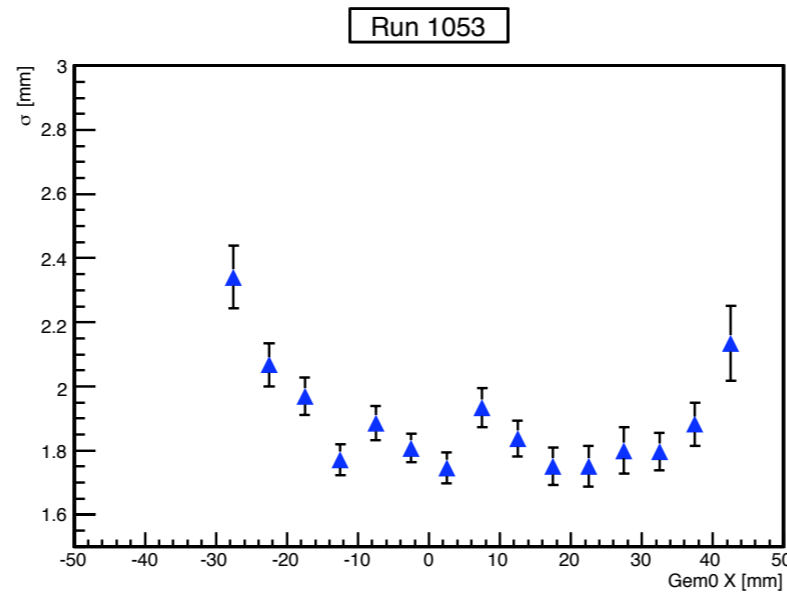
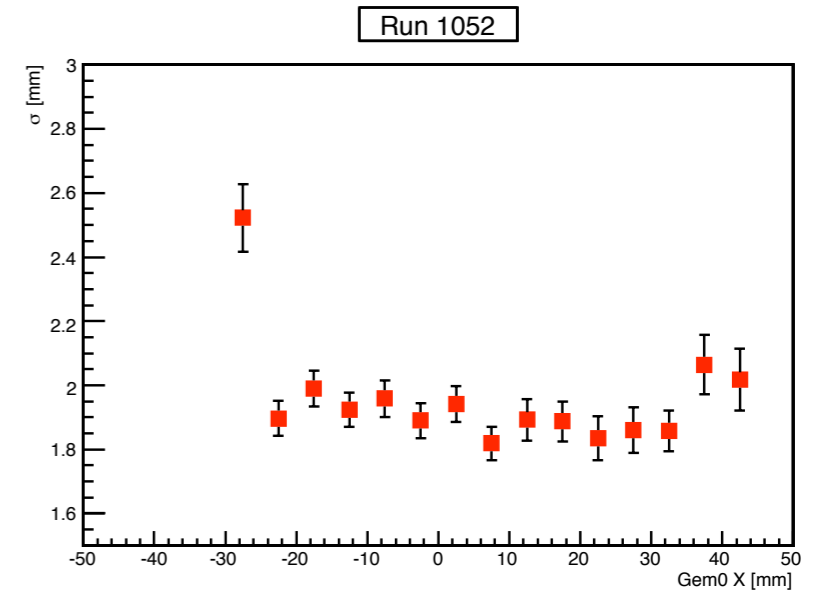
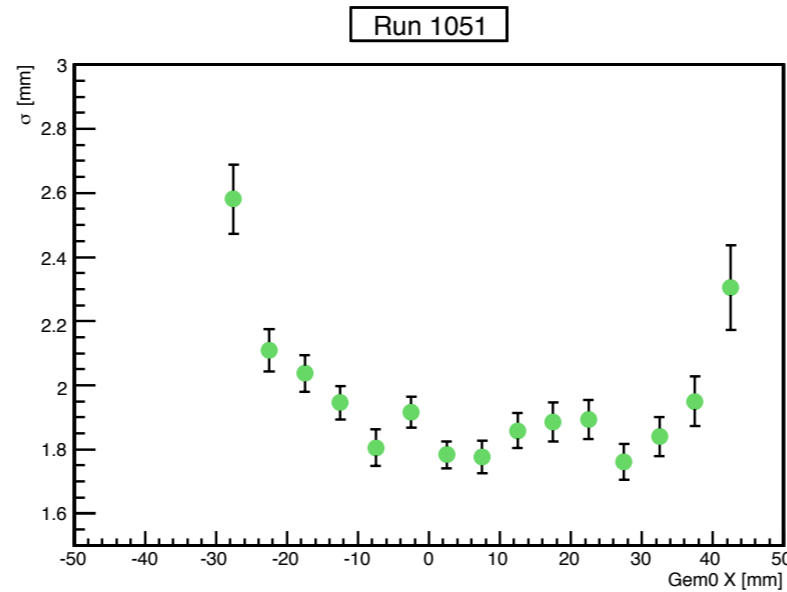
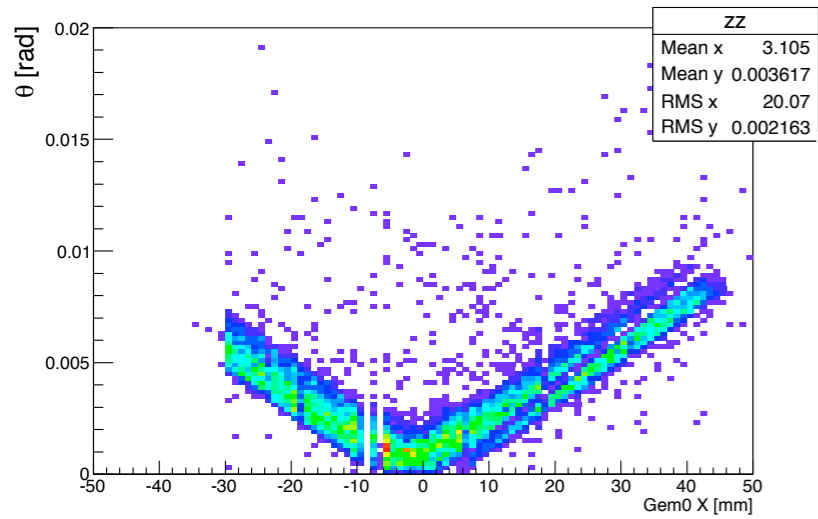


Ring Reconstruction

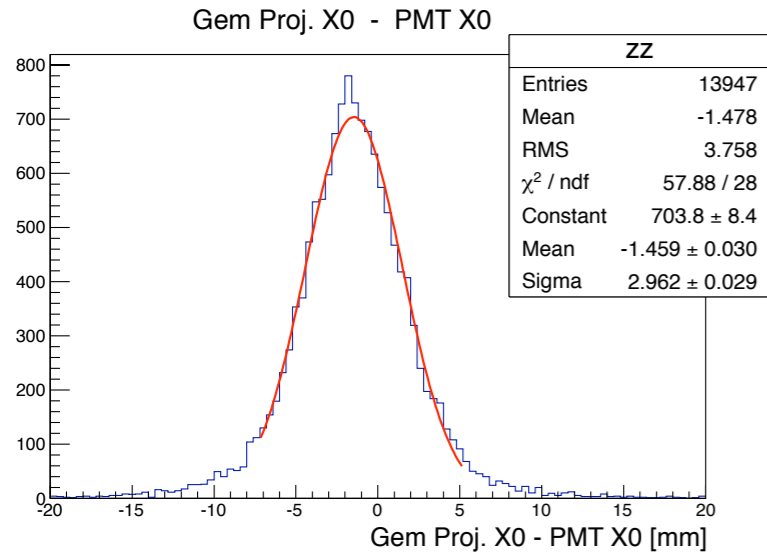
L. Barion, M. Contalbrigo, P. Lenisa,
A. Movsisyan, L. Pappalardo
INFN Ferrara

RICH Meeting
14.02.2013

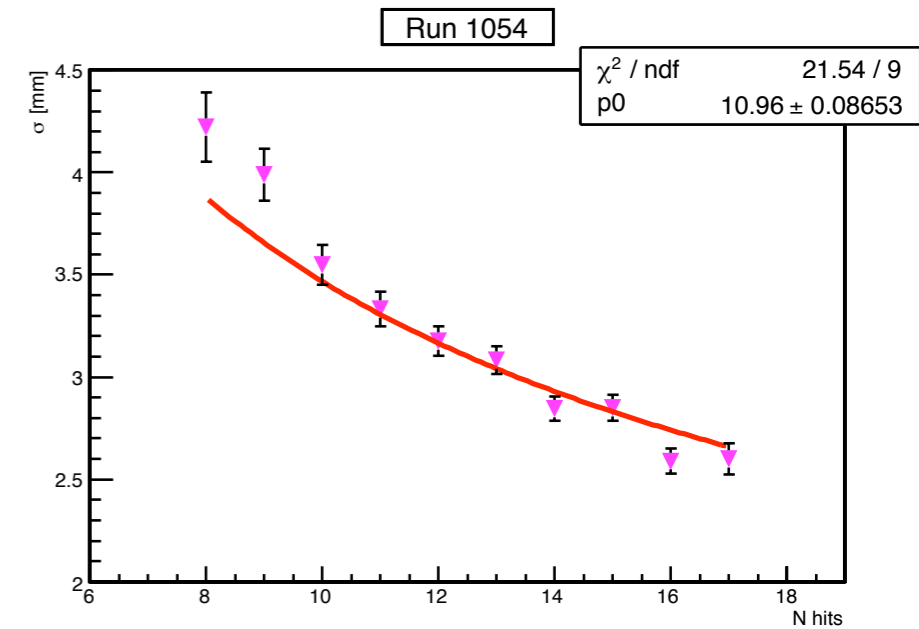
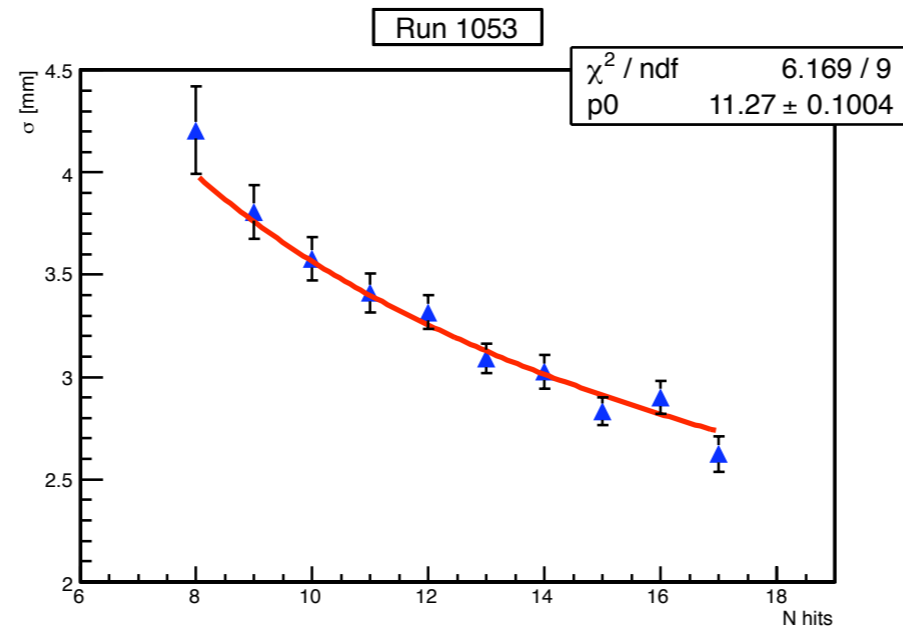
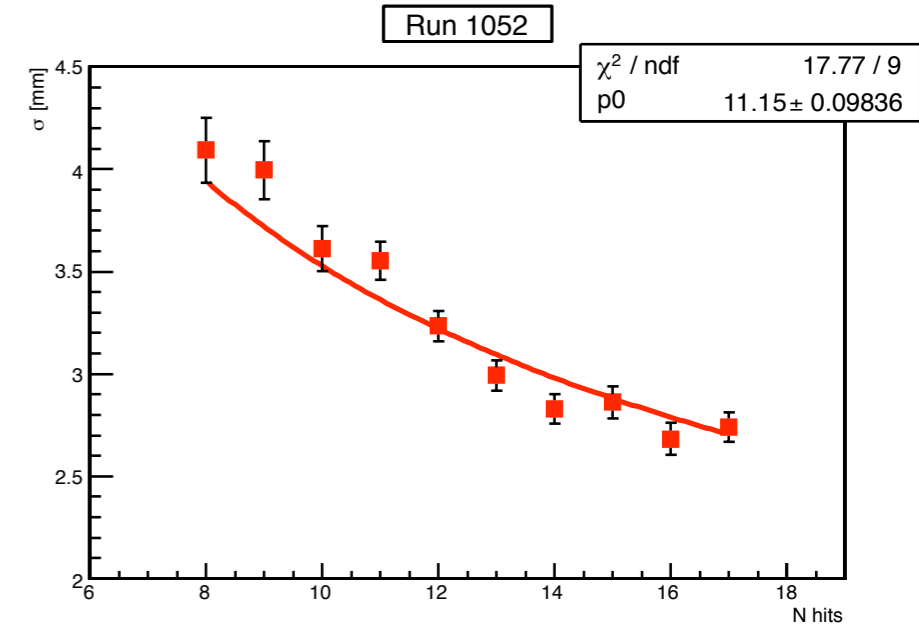
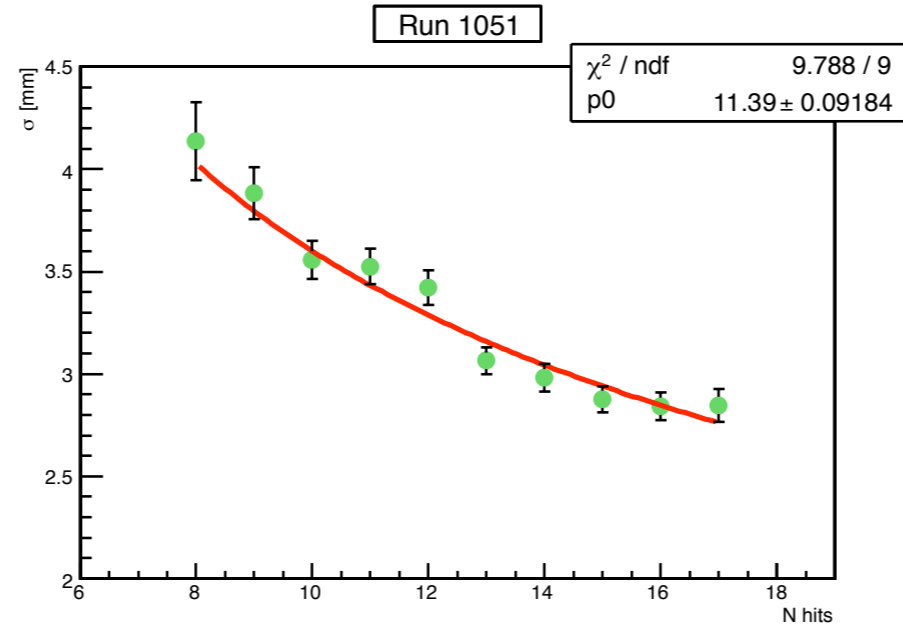
Ring RMS vs Hit position in GEM



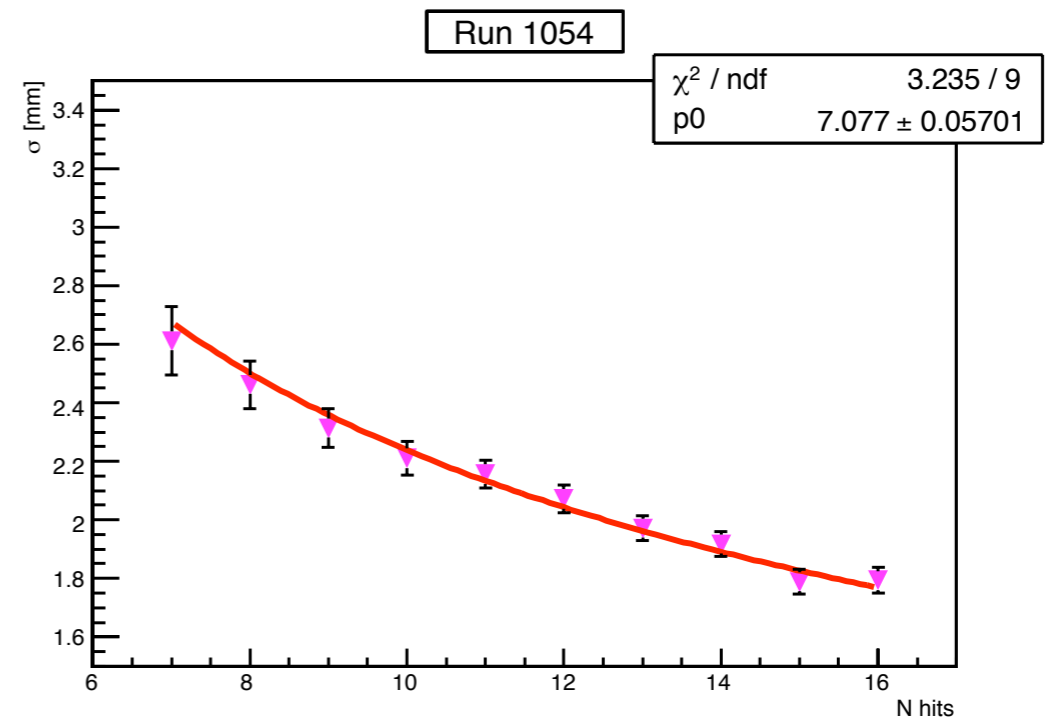
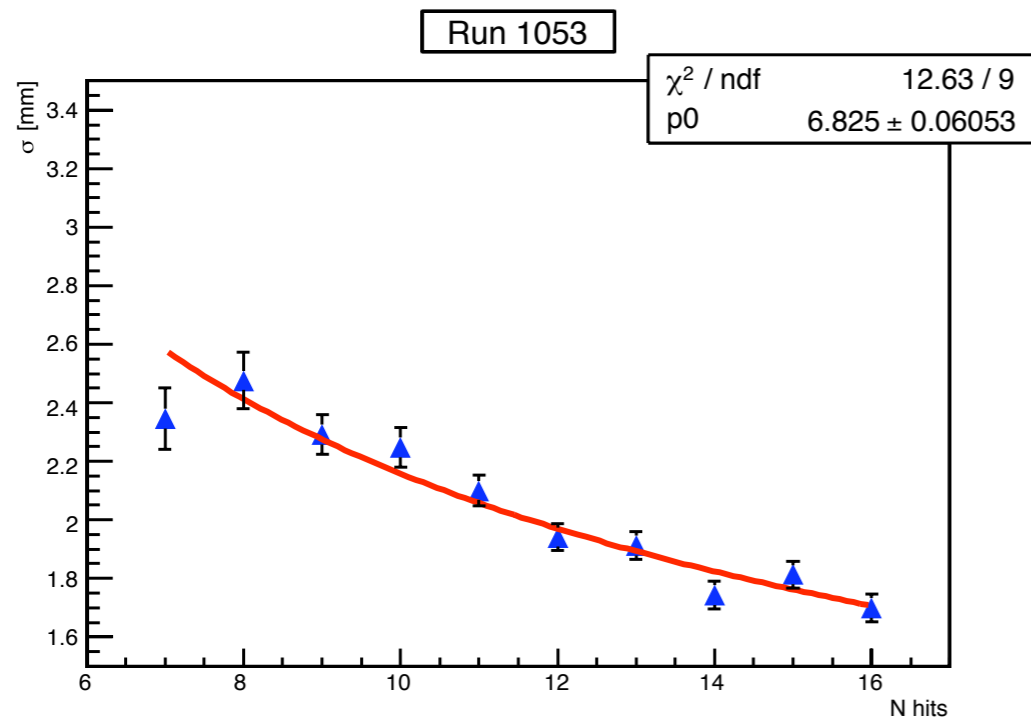
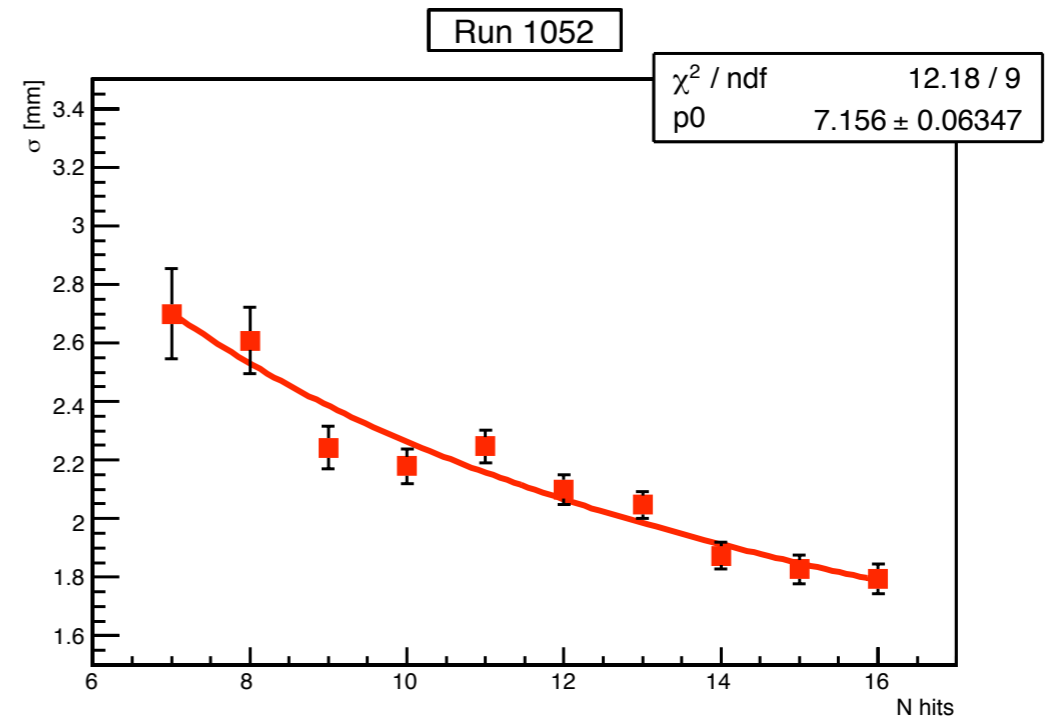
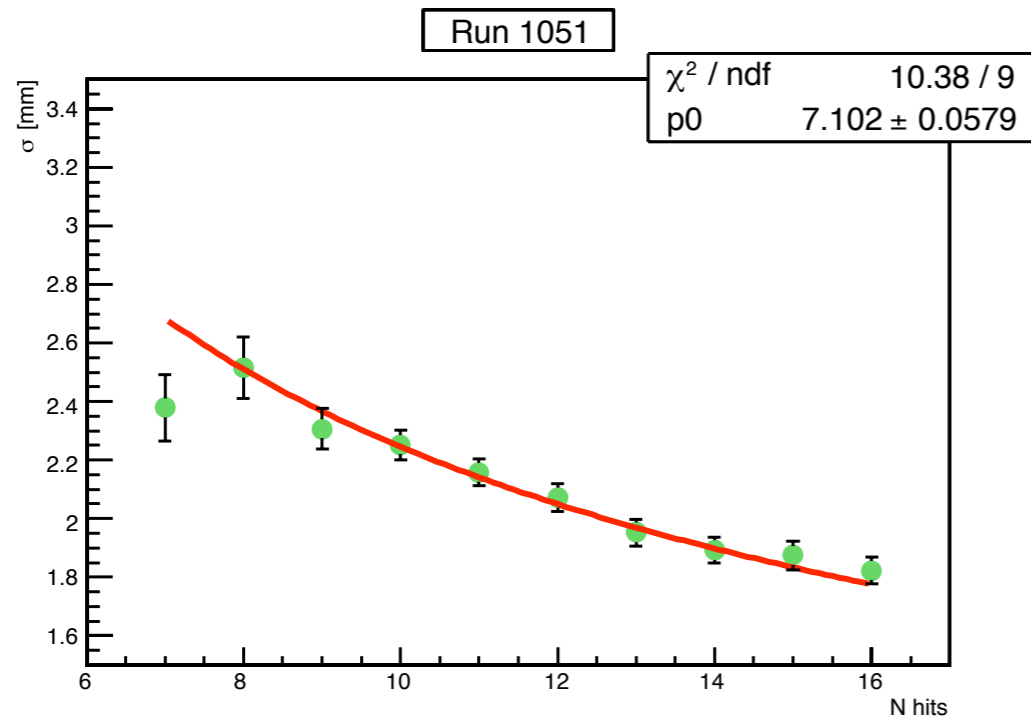
Difference of ring center from GEM and PMT's vs Nhit



Ring Center: GEM(x0) - PMT(x0)



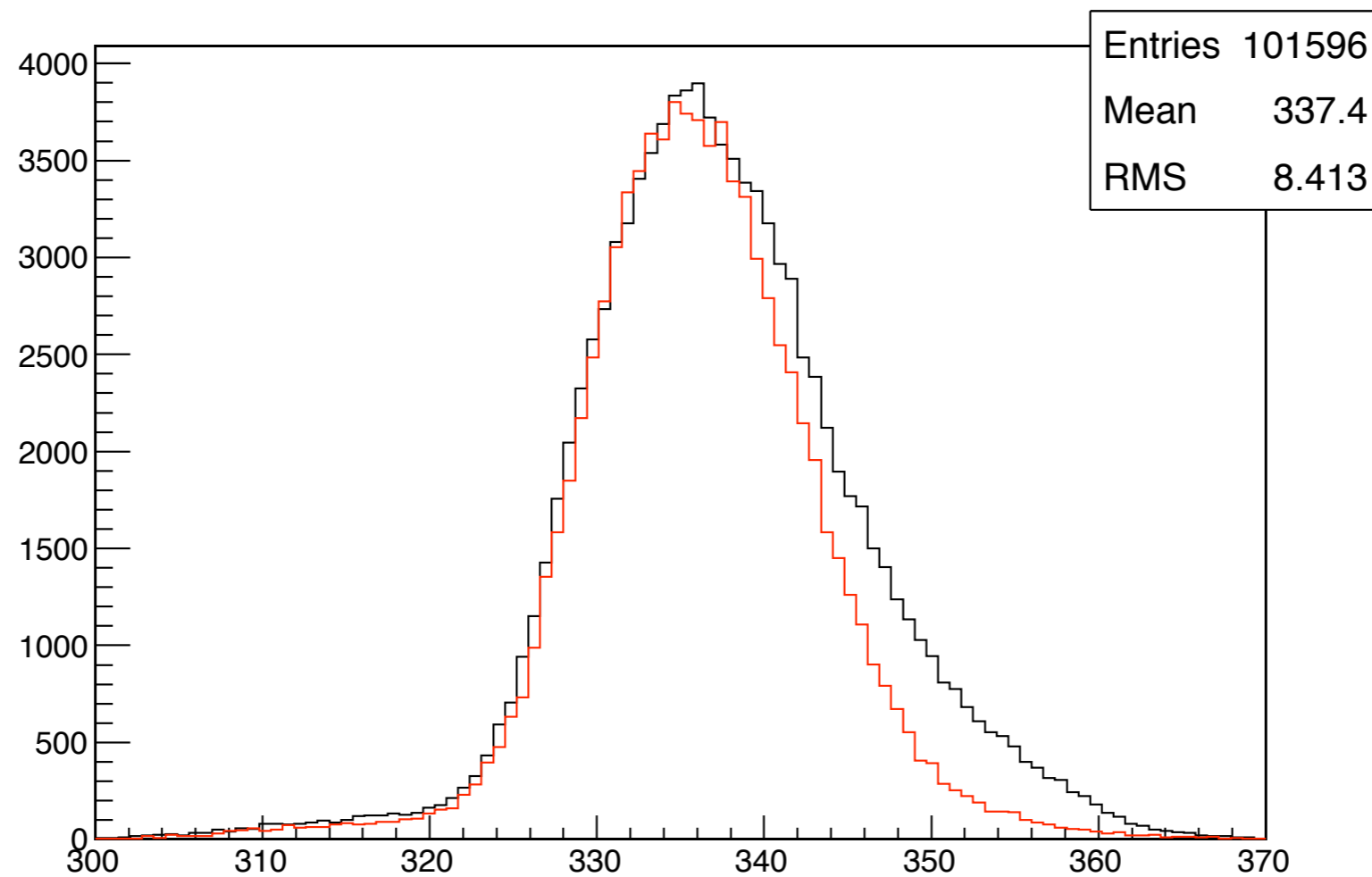
Ring RMS vs Nhit



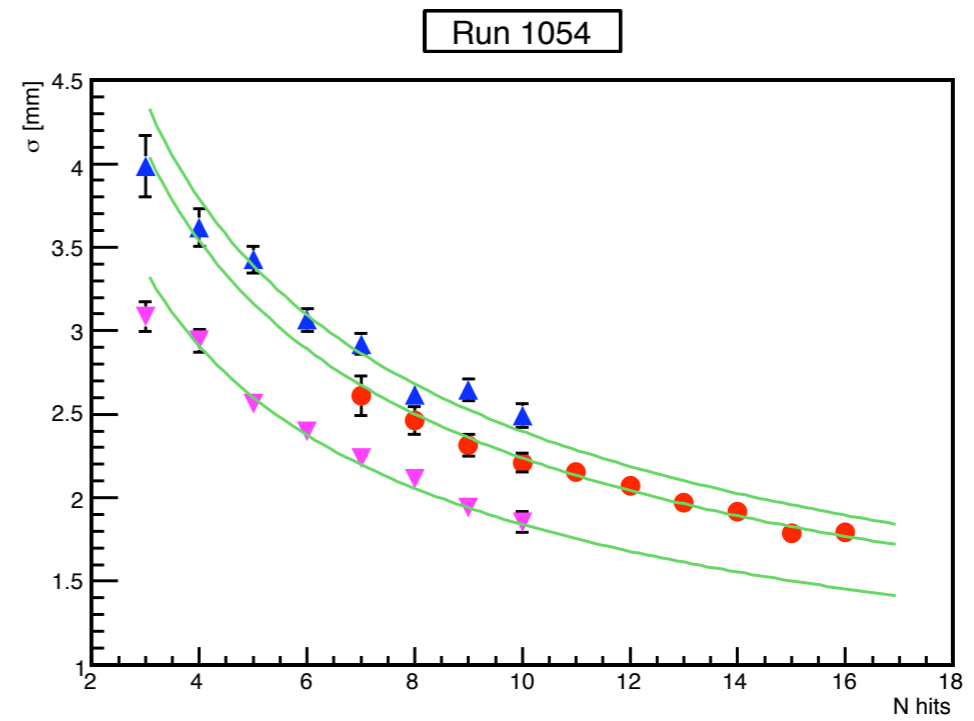
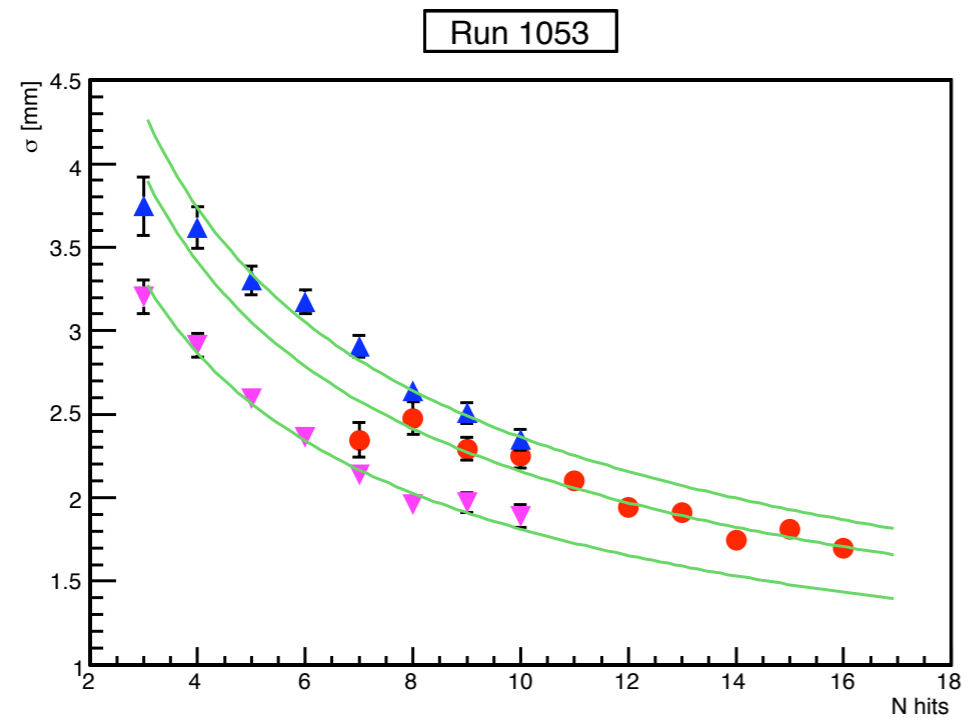
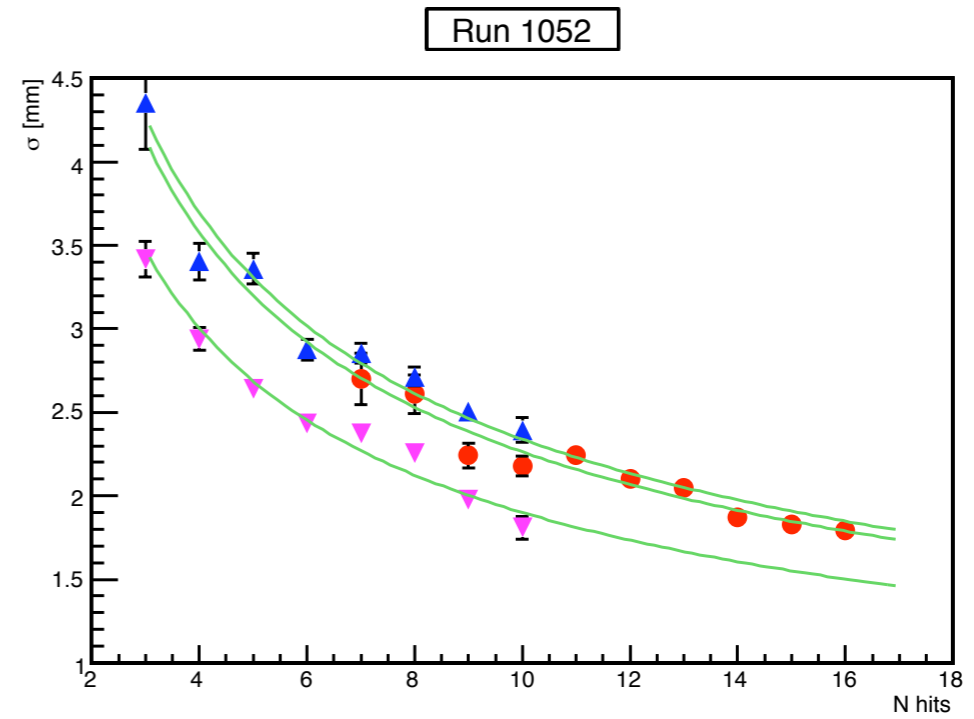
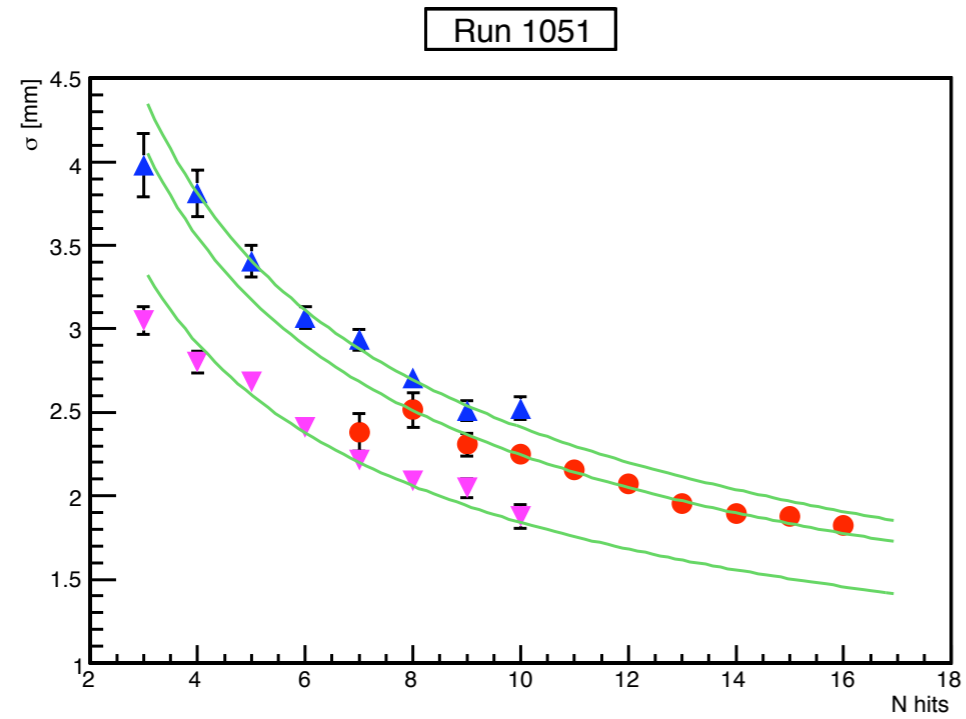
Single photon angular resolution

Single photon hit: $\text{PMT}(x,y) - \text{GEM}(x_0,y_0)$

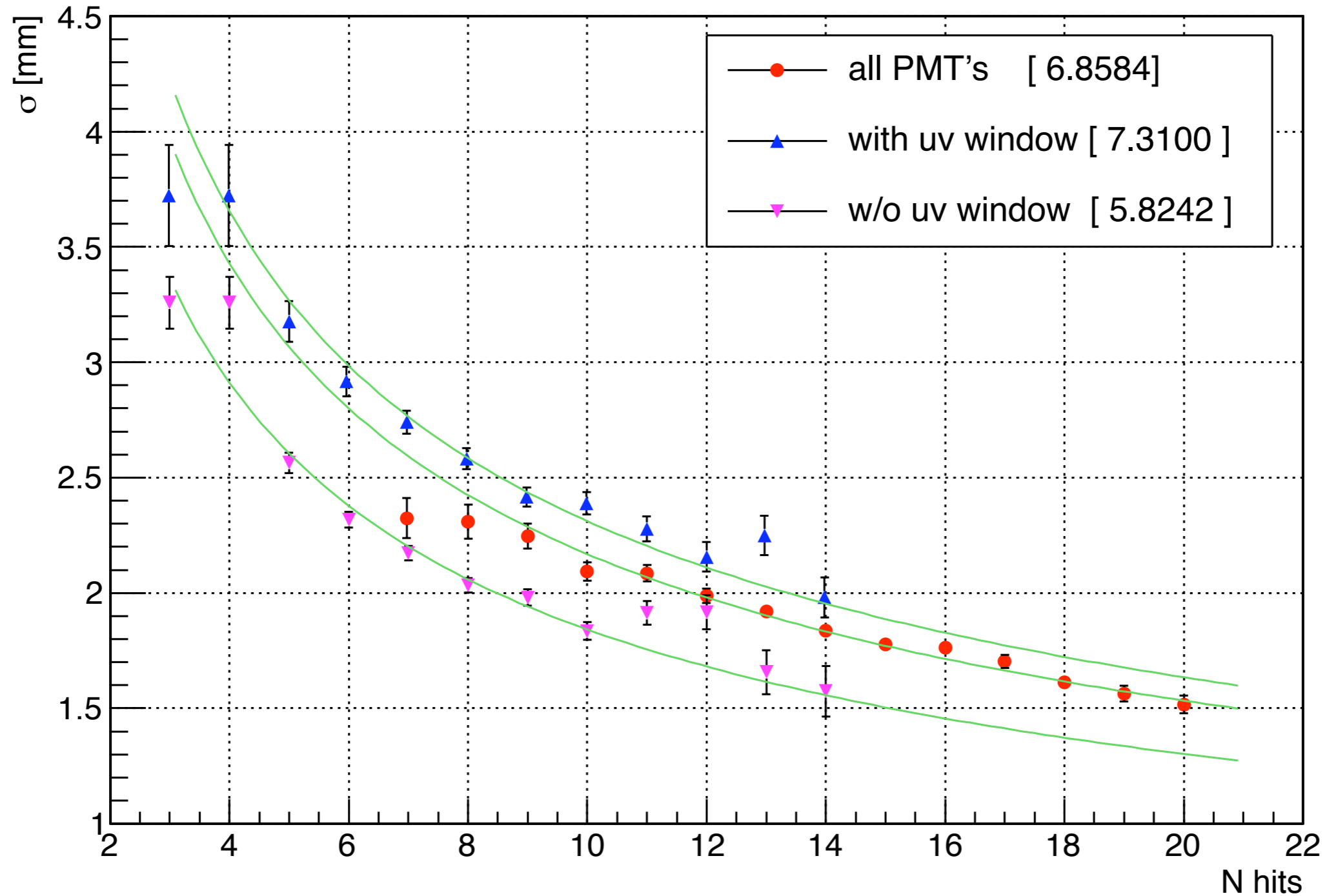
Comparison of PMT's with and w/o UV window



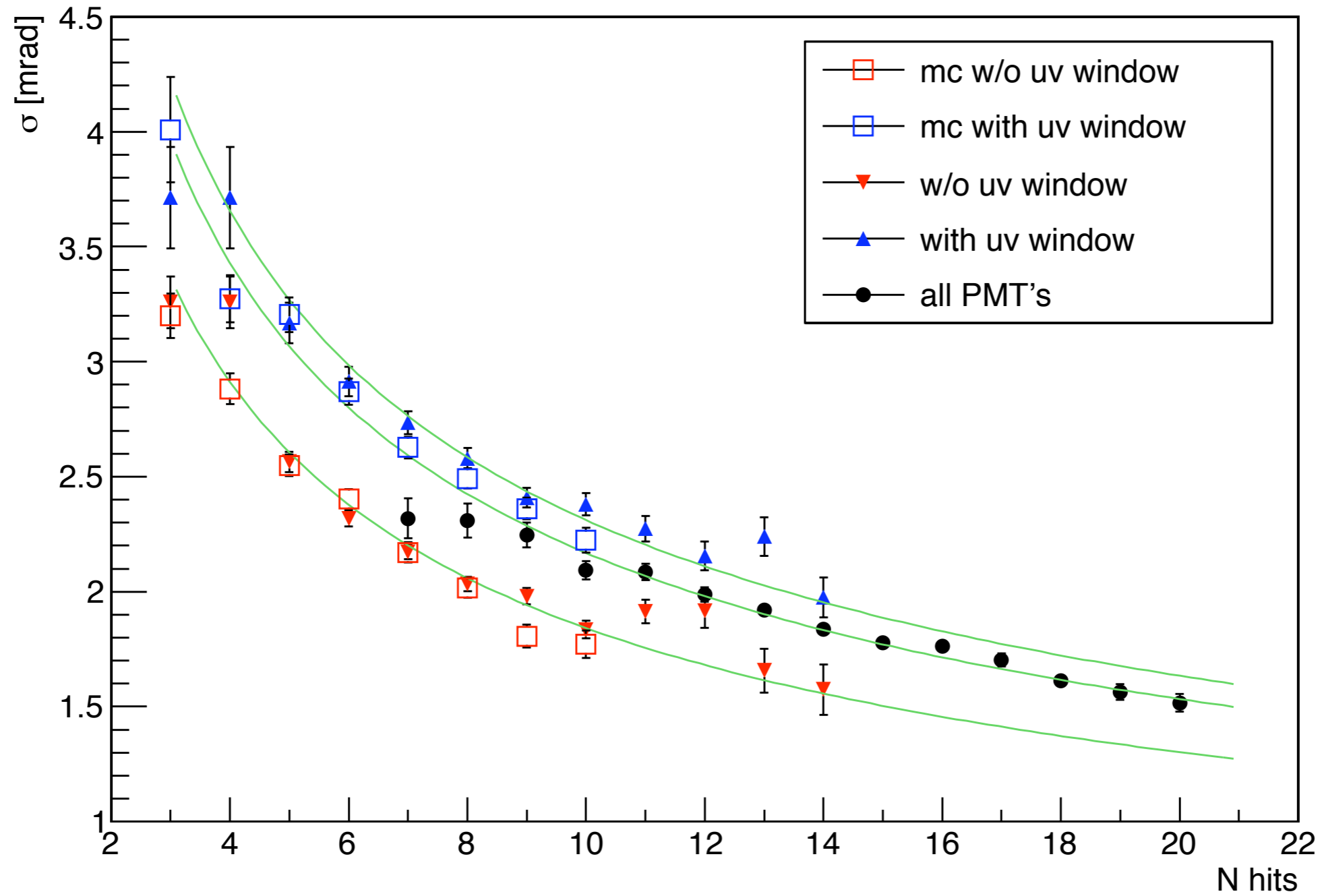
Ring RMS vs Nhit



$n = 1.04$ 2cm



DATA / MC Comparison



DATA / MC Comparison

