

Tracking Meeting 070302

Working Report

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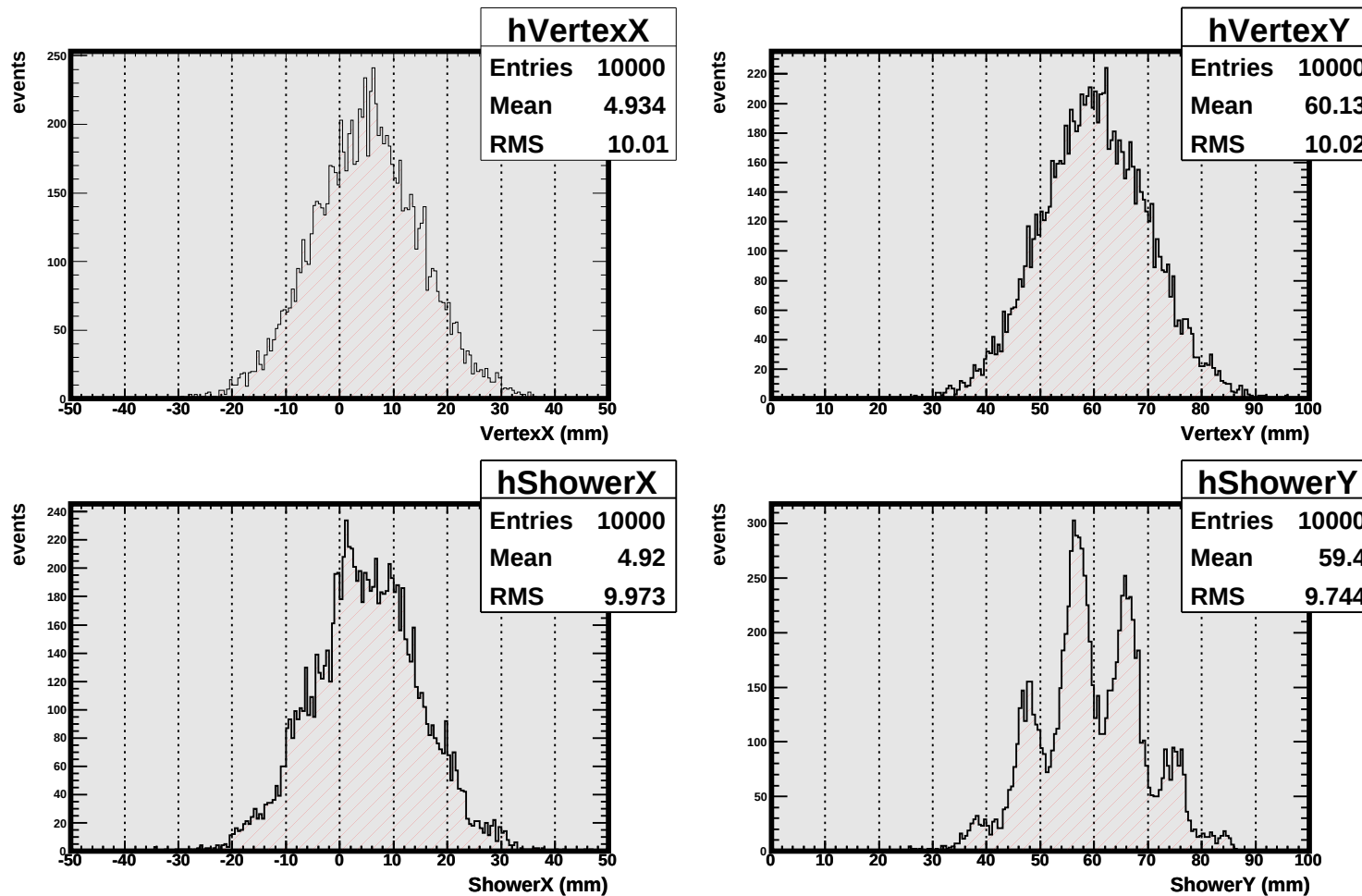


* (also at FERMILAB)

Outline

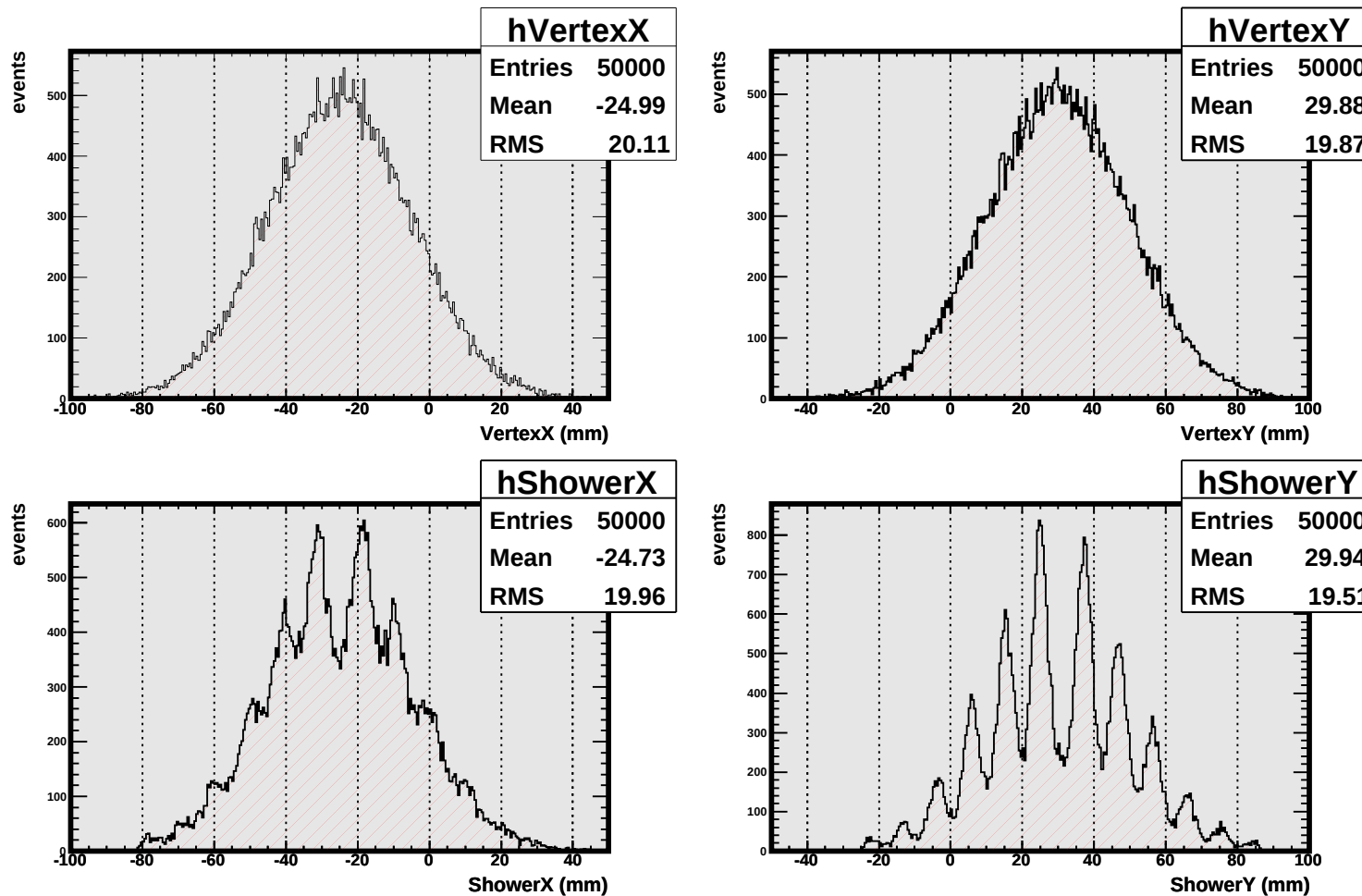
- ▶ **VertexXY and ShowerXY (simulation)**
- ▶ **Run230101 e^- 6 GeV, event selection**
- ▶ **Run230101 e^- 6 GeV, ShowerXY**

VertexXY and ShowerXY (simulation)



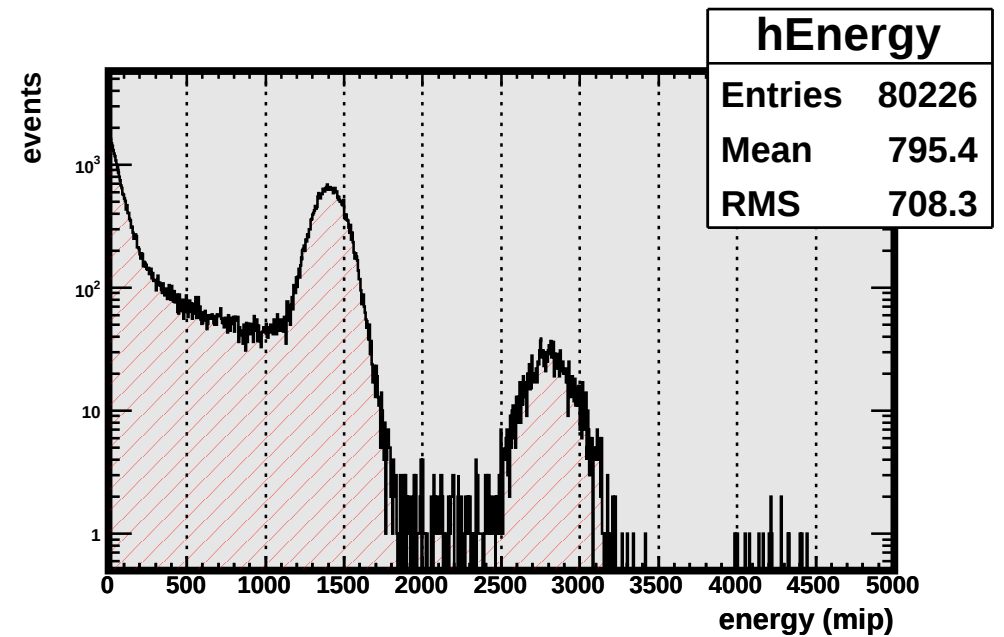
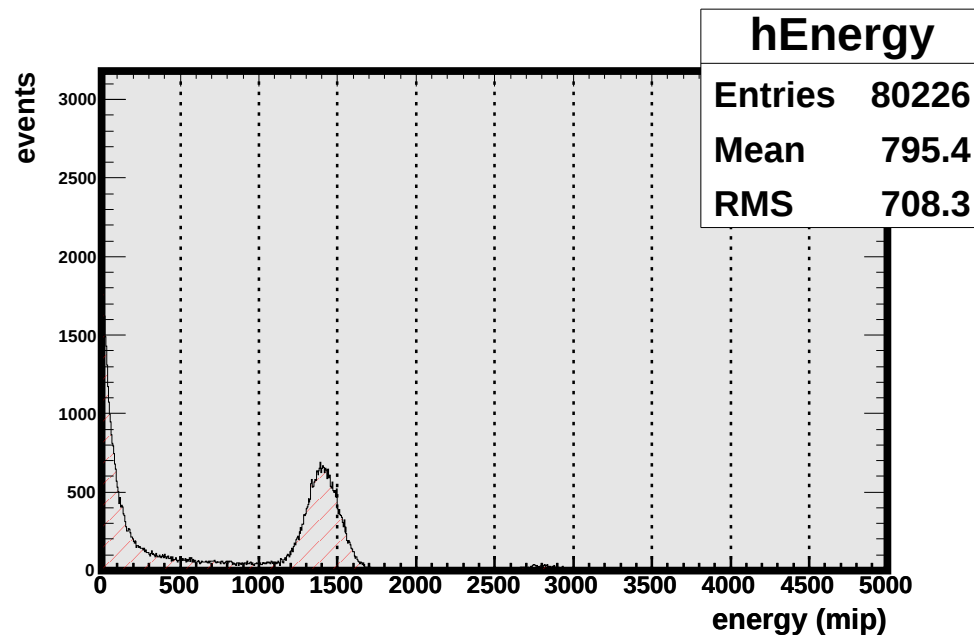
Mokka model=TBDesy0506
10000 electrons 3 GeV at center of wafer
gun positionXYZ(mm)= (5,60,-500)
gun position smearingX,Y(mm)= (10,10)
ECAL threshold cut = 0.5 mip

VertexXY and ShowerXY (simulation)



Mokka model=TBDesy0506
50000 electrons 3 GeV at corner of wafer
gun positionXYZ(mm)= (-25,30,-500)
gun position smearingX,Y(mm)= (20,20)
ECAL threshold cut = 0.5 mip

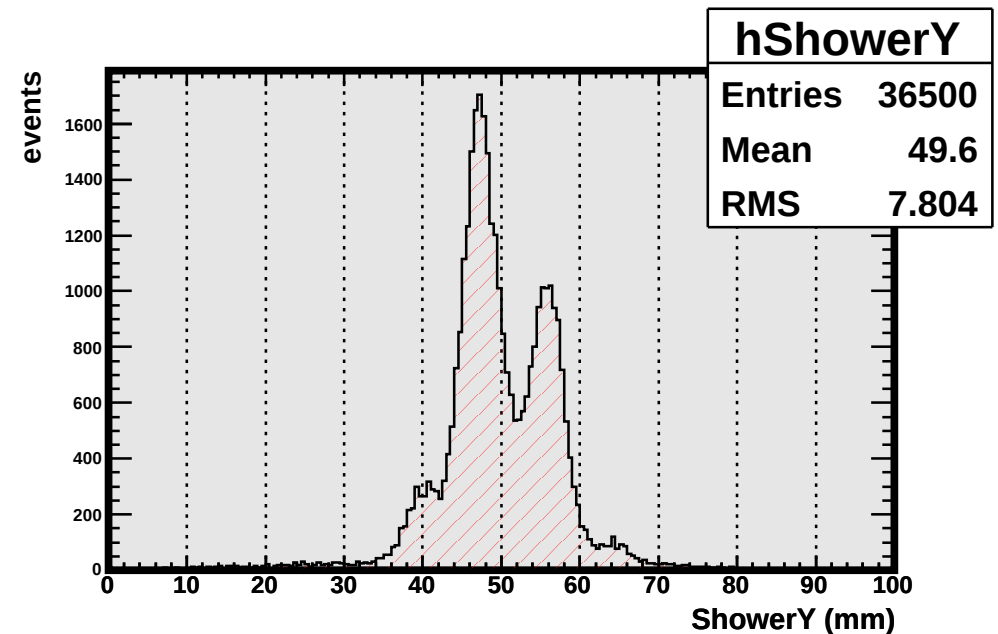
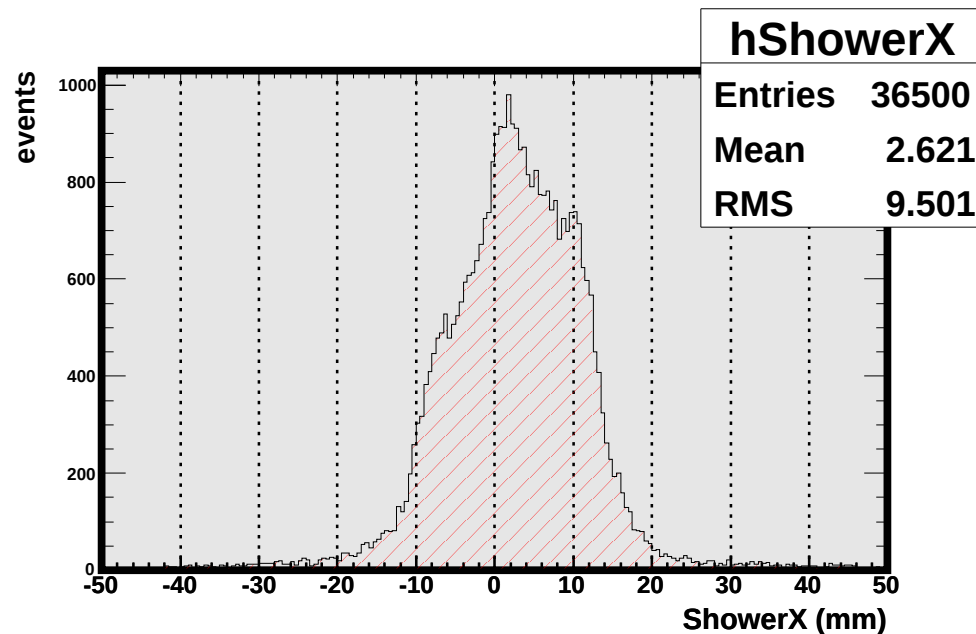
Run230101 electrons 6 GeV



ECAL threshold cut = 0.5 mip

**select events with energy in [900,1700] mips
to cut for double particles and garbage events**

Run230101 electrons 6 GeV



ECAL threshold cut = 0.5 mip
event energy cut [900,1700] mips