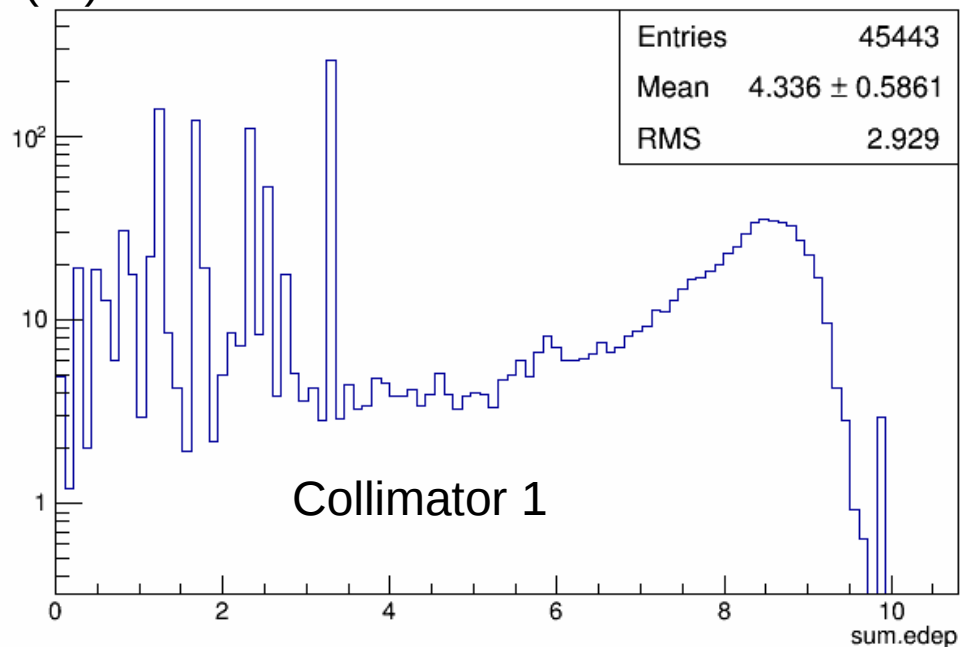


# Ex. High Rate Few Events with MOLLER Generator Rakitha Beminiwattha

sum.edep {(sum.det==2001 && rate<1e12)\*sum.edep\*rate\*1000\*1.602e-13}

Edep (W)



Collimator 1 :

From e-beam on target

Total edep = 3107.32 W

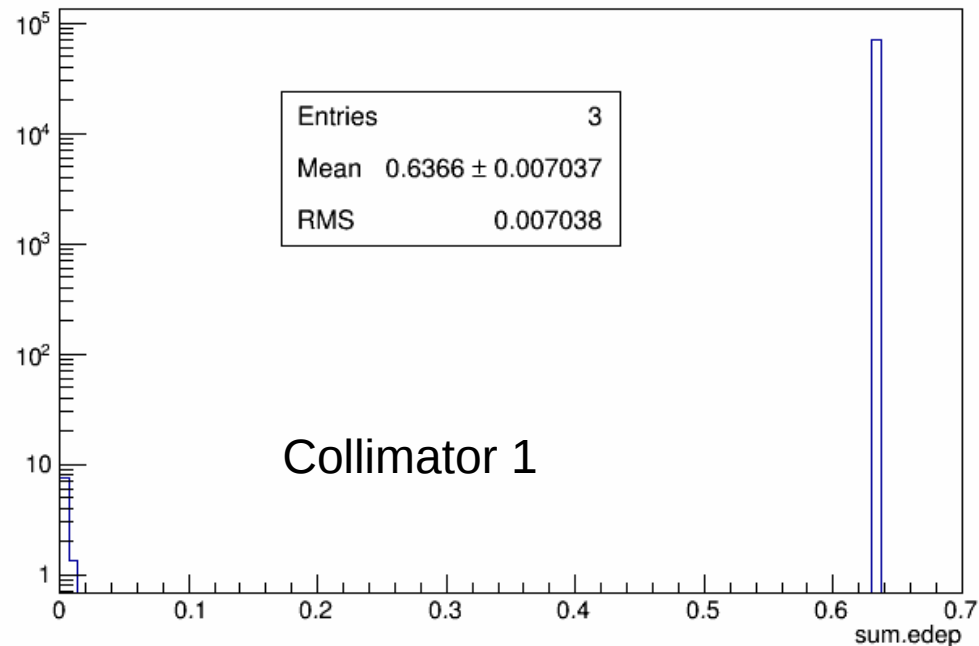
From moller event generator simulation

From low rate, total edep = 1574 W

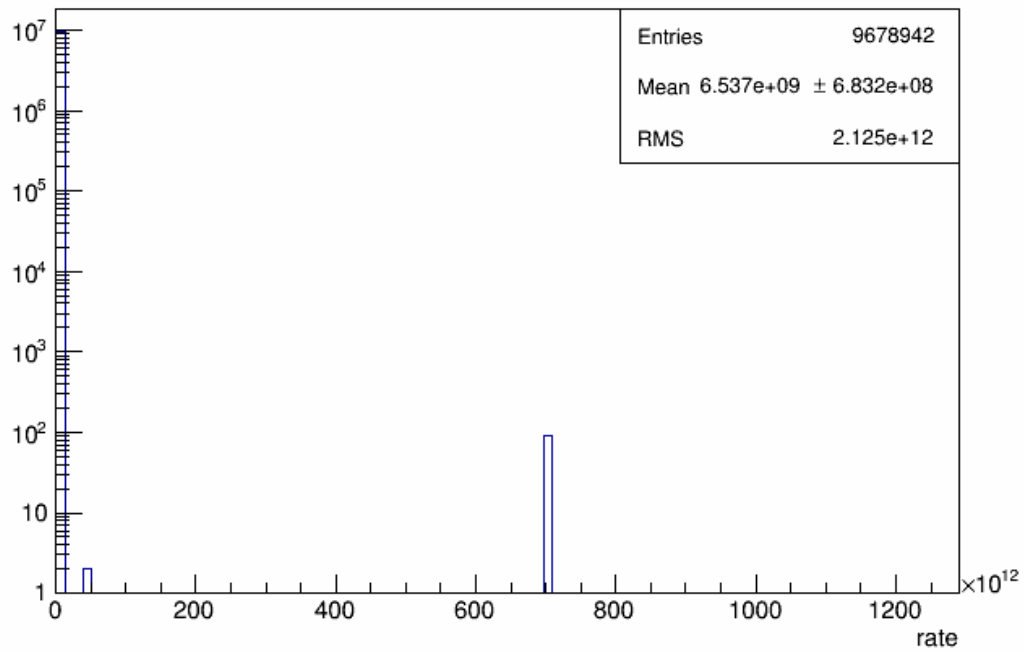
From high rate, total edep = 71494 W

sum.edep {(sum.det==2001 && rate>1e12)\*sum.edep\*rate\*1000\*1.602e-13}

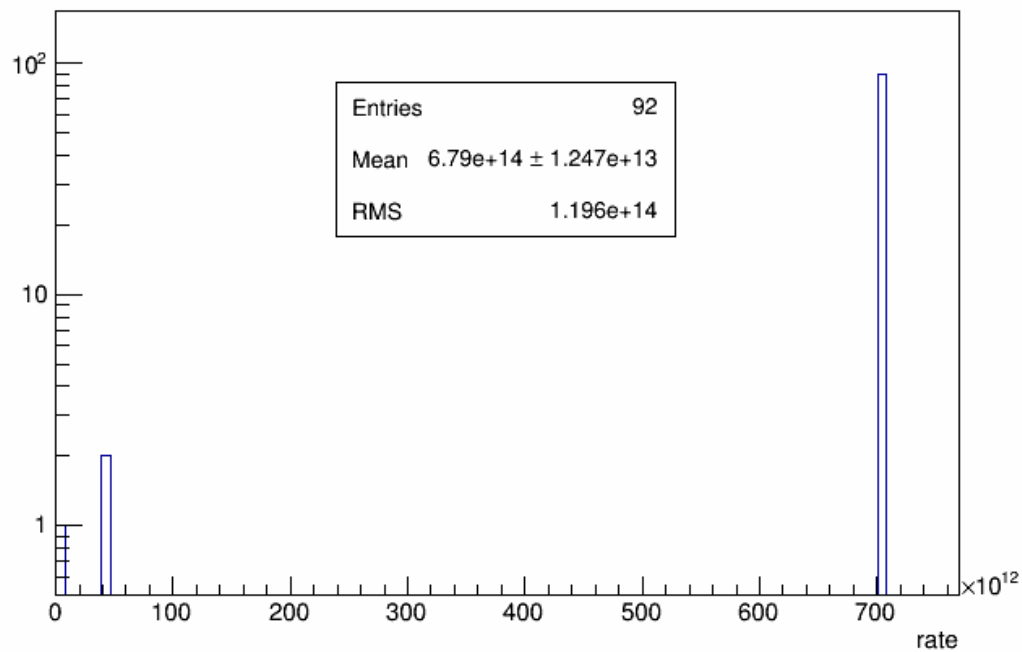
Edep (W)



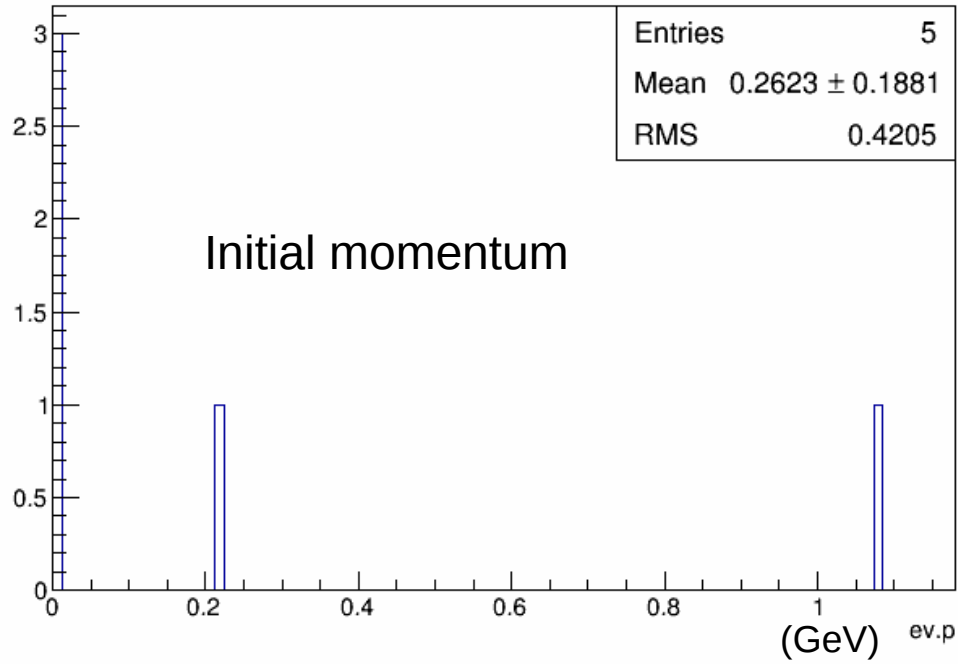
rate {(hit.det==2001)}



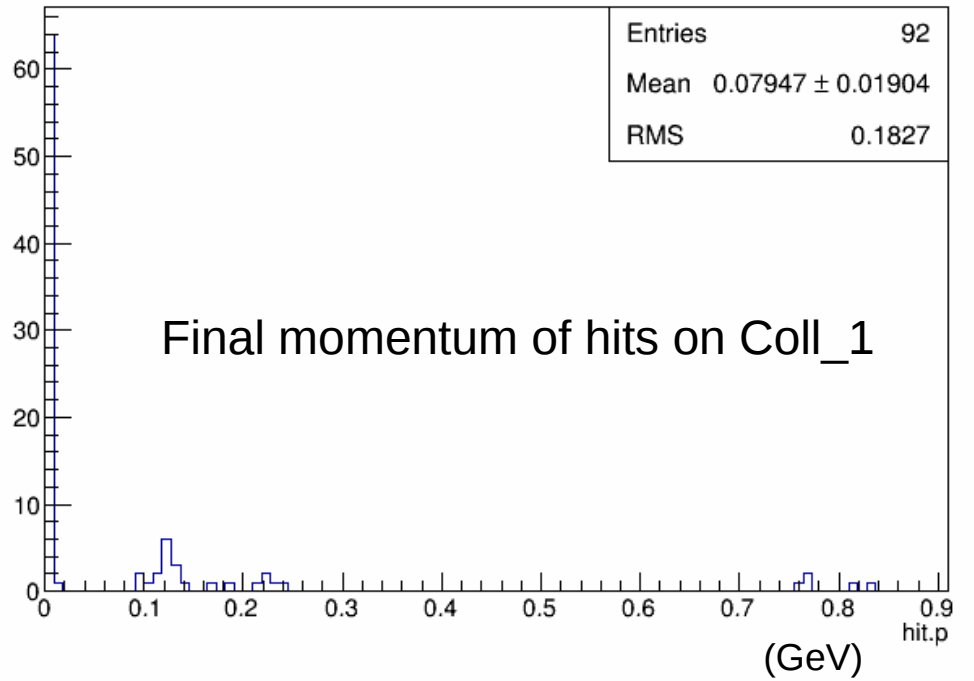
rate {(hit.det==2001 && rate>1e12)}



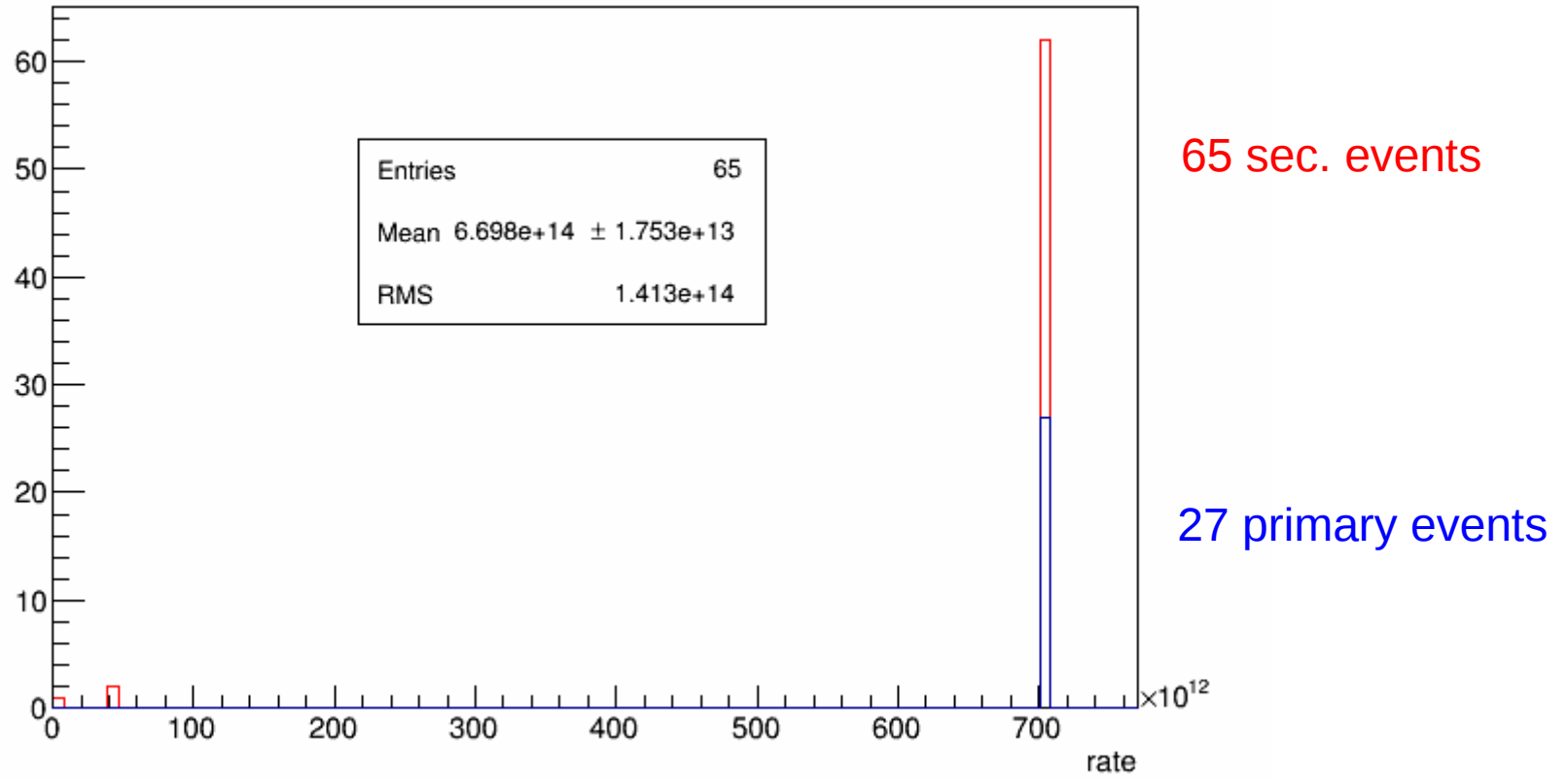
ev.p {(hit.det==2001 && rate>1e12)}



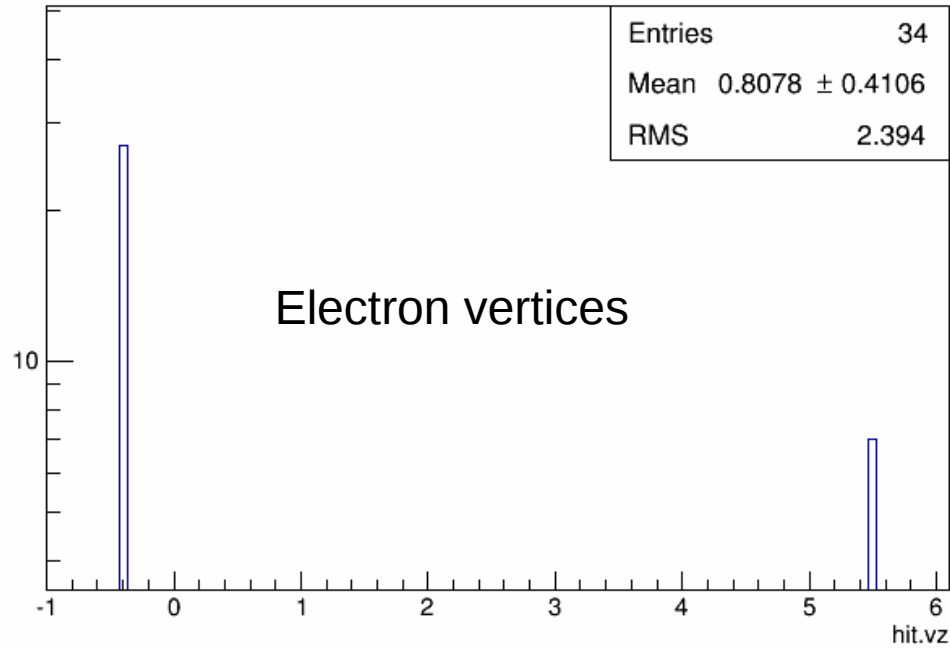
hit.p {(hit.det==2001 && rate>1e12)}



rate {(hit.det==2001 && rate>1e12 && hit.trid>1)}



hit.vz {(hit.det==2001 && rate>1e12 && TMath::Abs(hit.pid)==11)}



hit.vz {(hit.det==2001 && rate>1e12 && hit.pid==22)}

