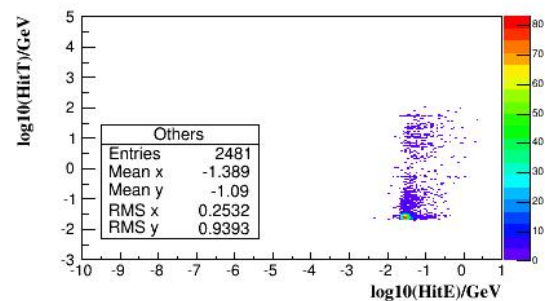
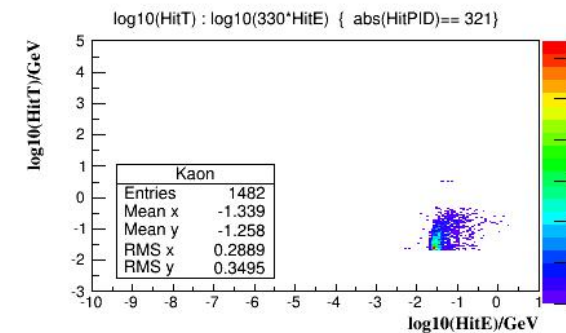
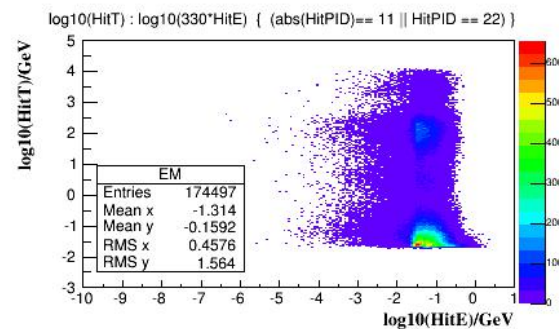
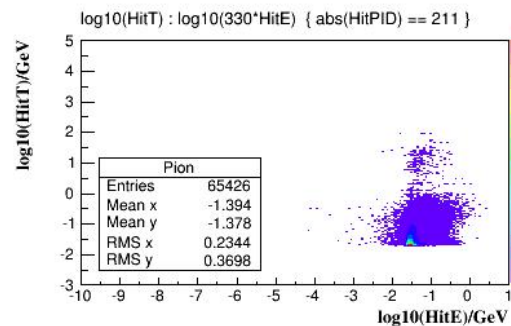
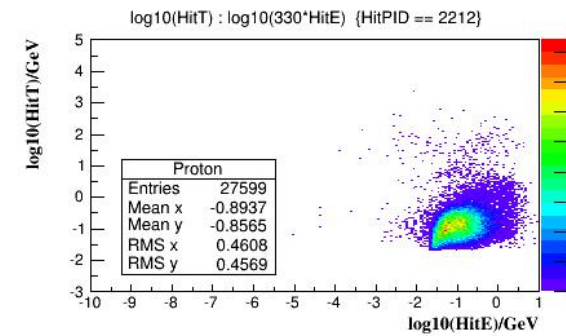
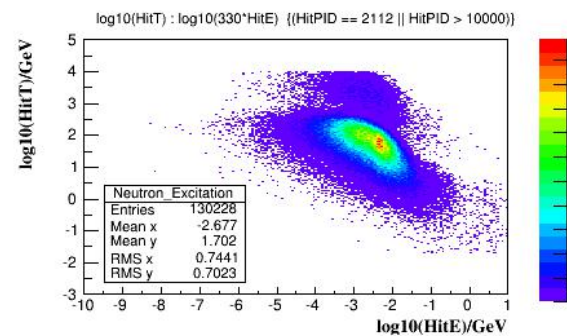
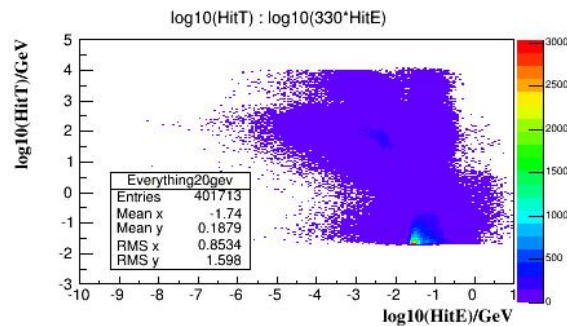
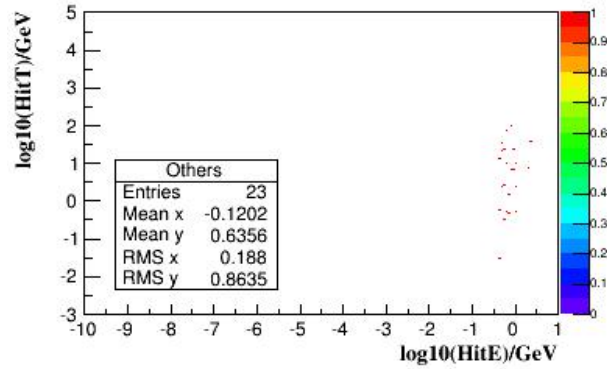
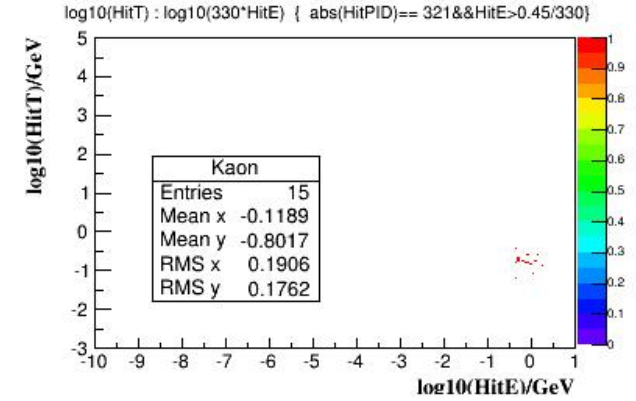
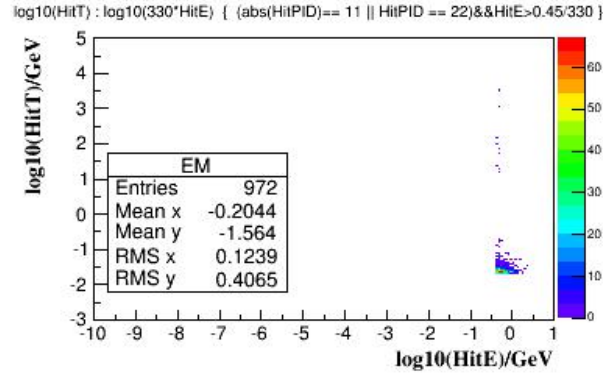
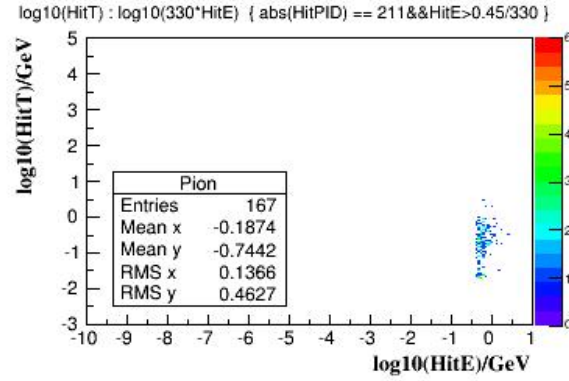
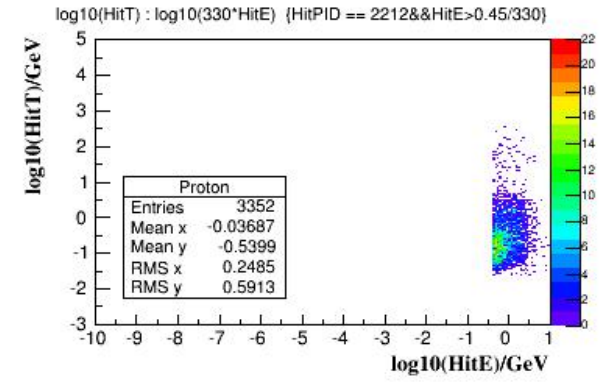
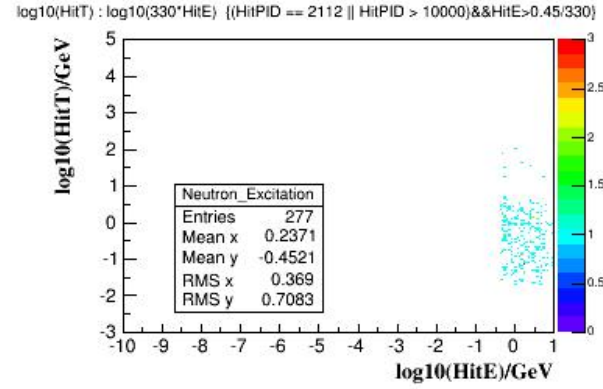
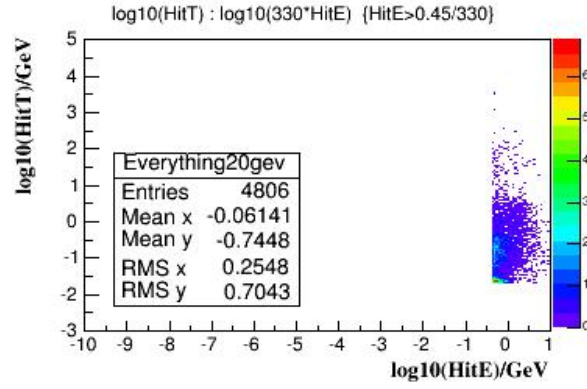


强子能量测量优化





变量选择条件

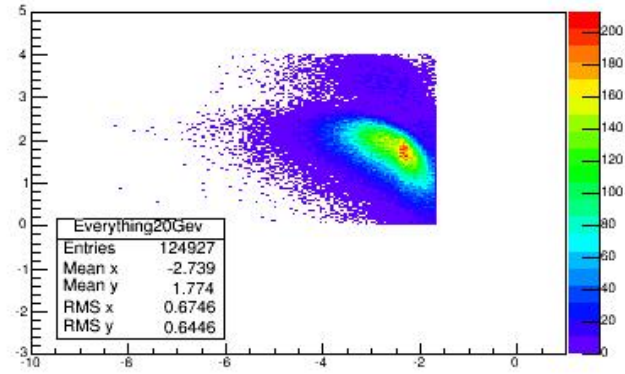
N0_Netron选择条件 $\log_{10}(\text{HitE}/330) < -4.2, \text{Hit} > 1, \text{Neighbor} == 0$

HotHitE: $\text{HitE} > 0.45, \text{Neighbor} < 2$

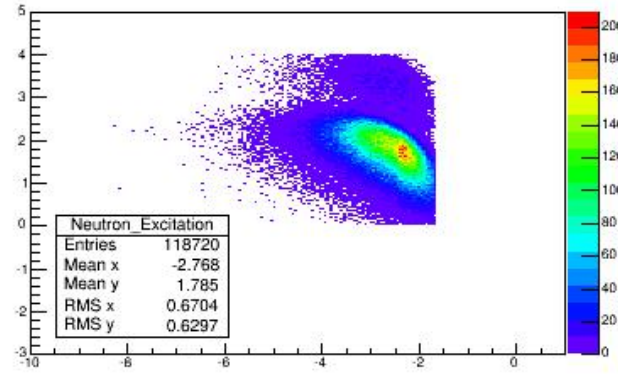
HotProton: $\text{HitE} > 0.45$

HotNeutron: $\text{HitE} > 0.45$

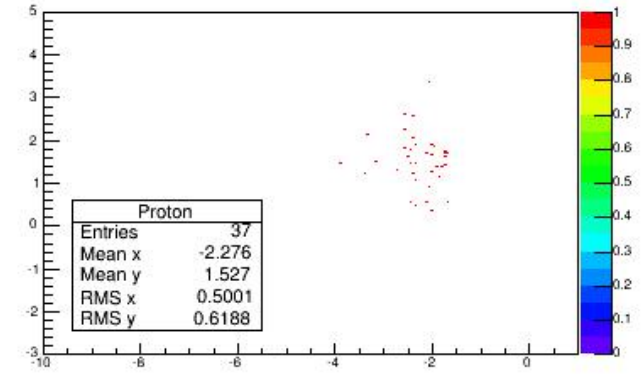
log10(HiT) : log10(330*HitE) {log10(HiTE)<-4.2&&HitT>1&&Neighbor<1}



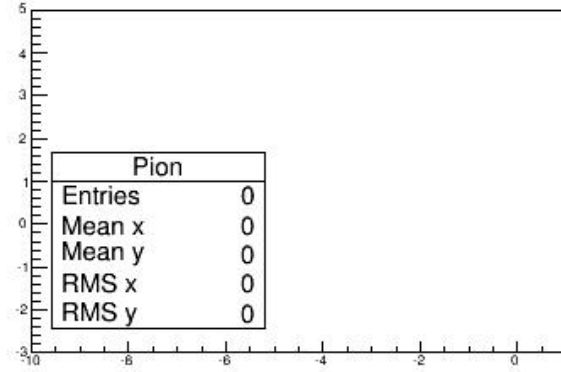
log10(HiT) : log10(330*HitE) [(HitPID == 2112 || HitPID > 10000)&&log10(HiTE)<-4.2&&HitT>1&&Neighbor<1]



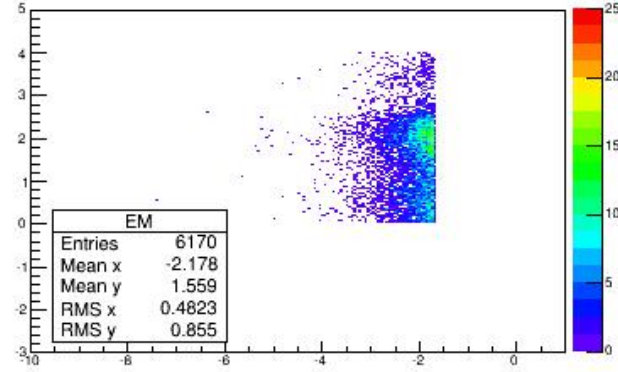
log10(HiT) : log10(330*HitE) (HitPID == 2212&&log10(HiTE)<-4.2&&HitT>1&&Neighbor<1)



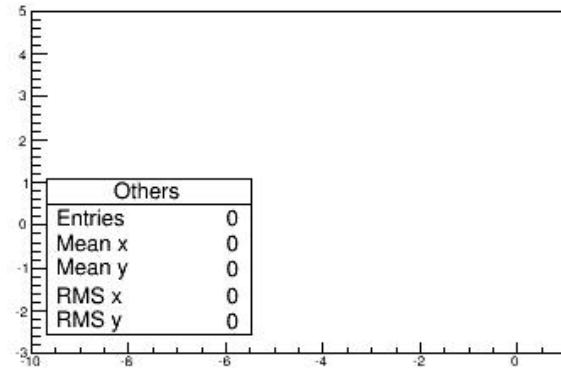
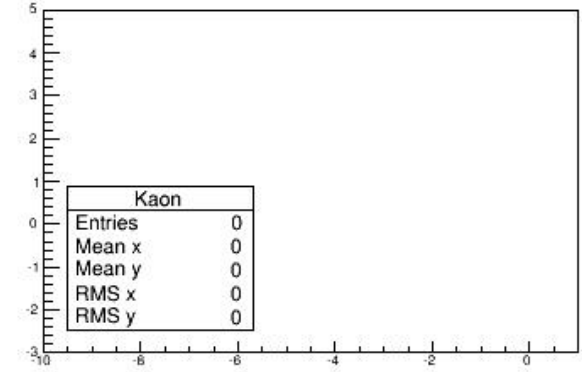
log10(HiT) : log10(330*HitE) { abs(HitPID) == 211&&log10(HiTE)<-4.2&&HitT>1&&Neighbor<1 }

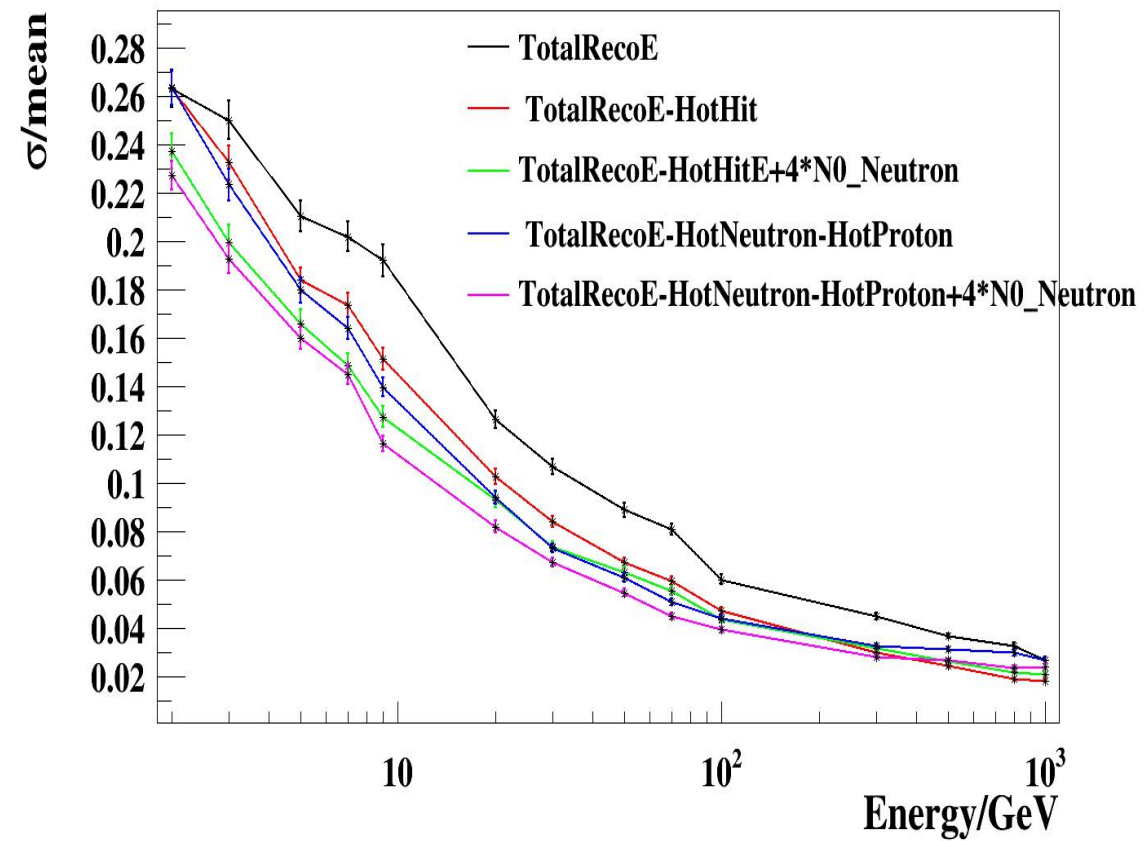
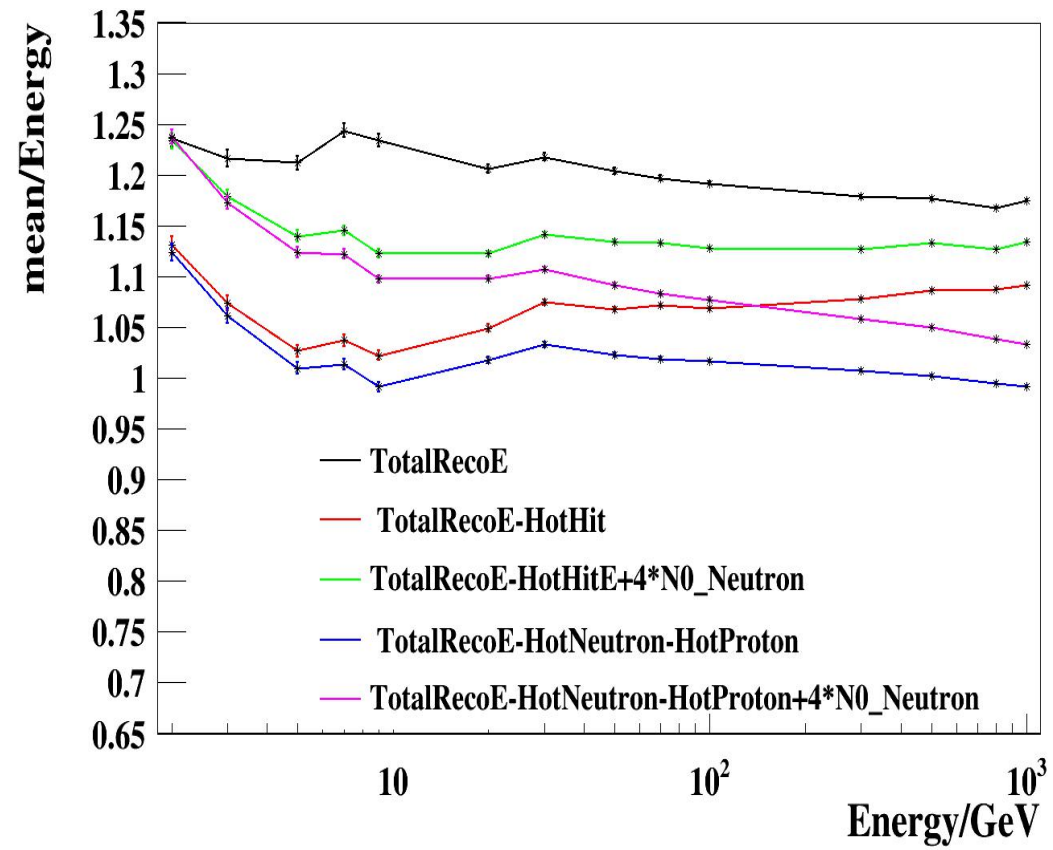


log10(HiT) : log10(330*HitE) { (abs(HitPID)== 11 || HitPID == 22) &&log10(HiTE)<-4.2&&HitT>1&&Neighbor<1}



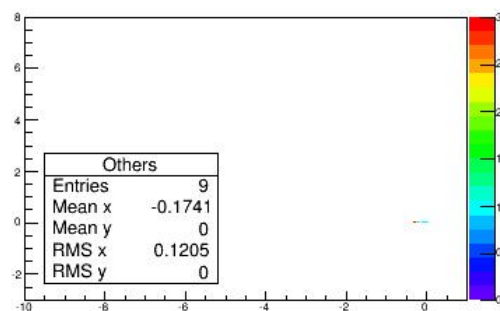
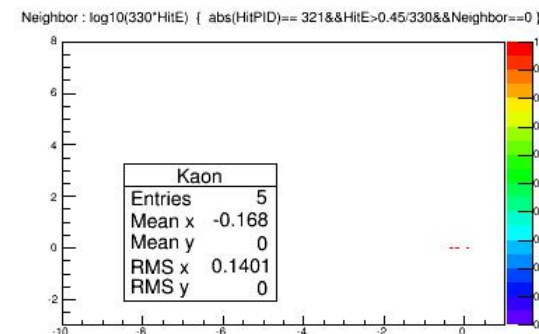
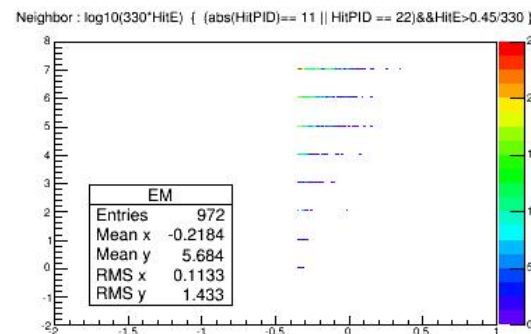
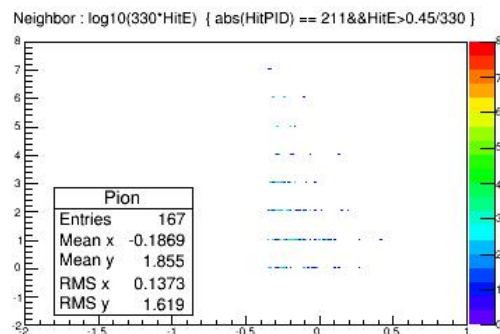
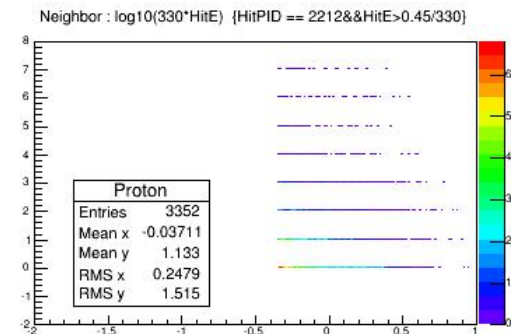
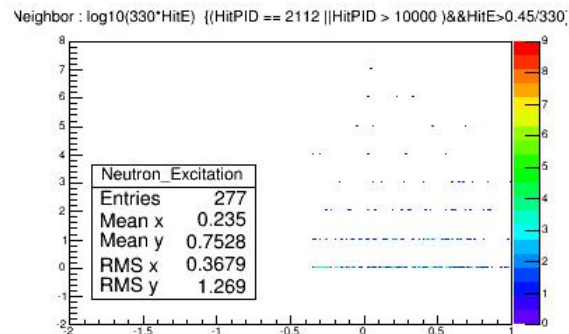
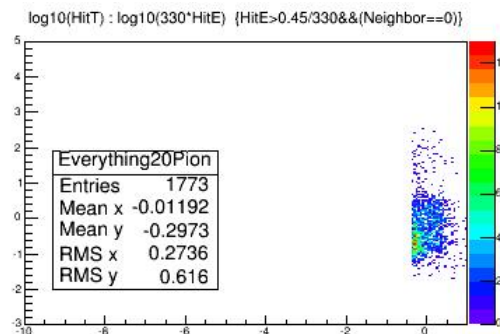
log10(HiT) : log10(330*HitE) { abs(HitPID)== 321&&log10(HiTE)<-4.2&&HitT>1&&Neighbor<1 }

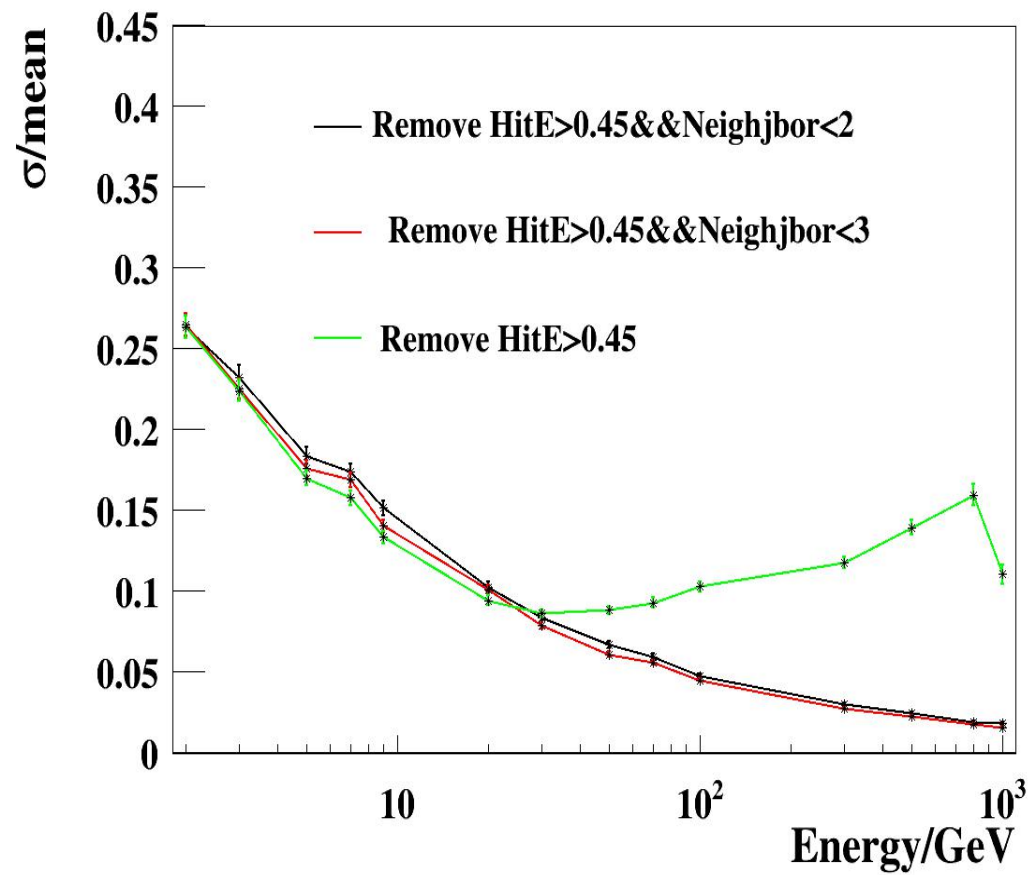
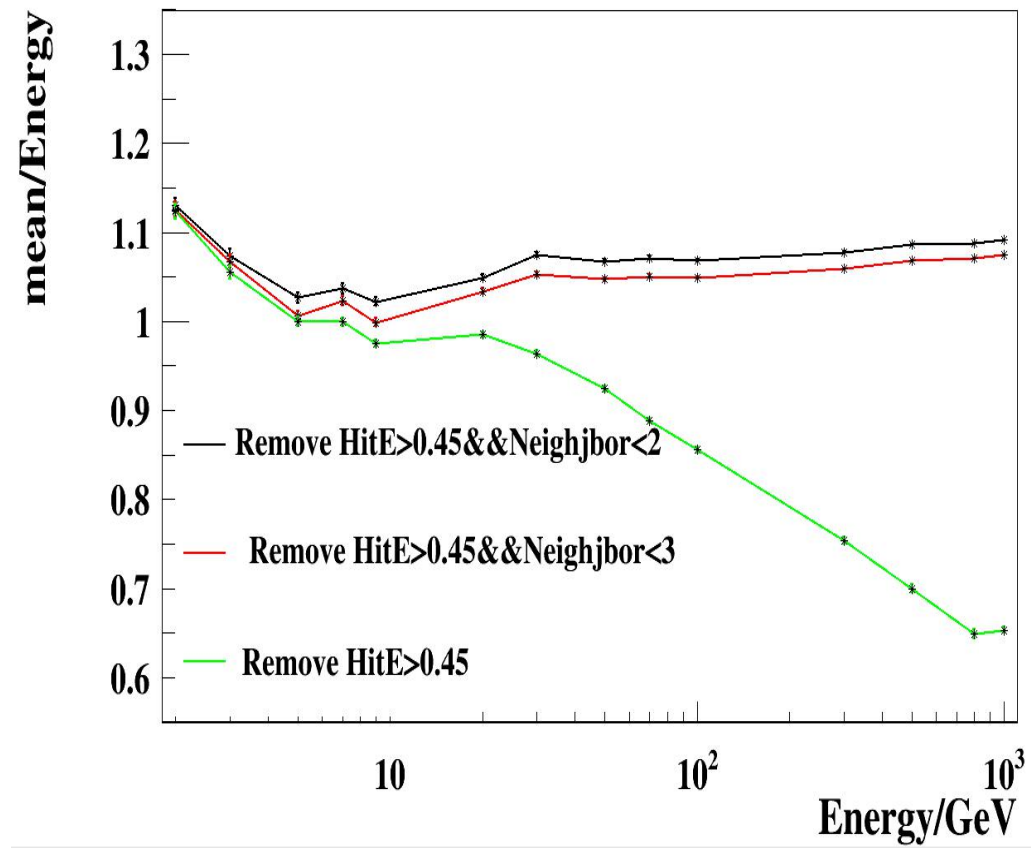


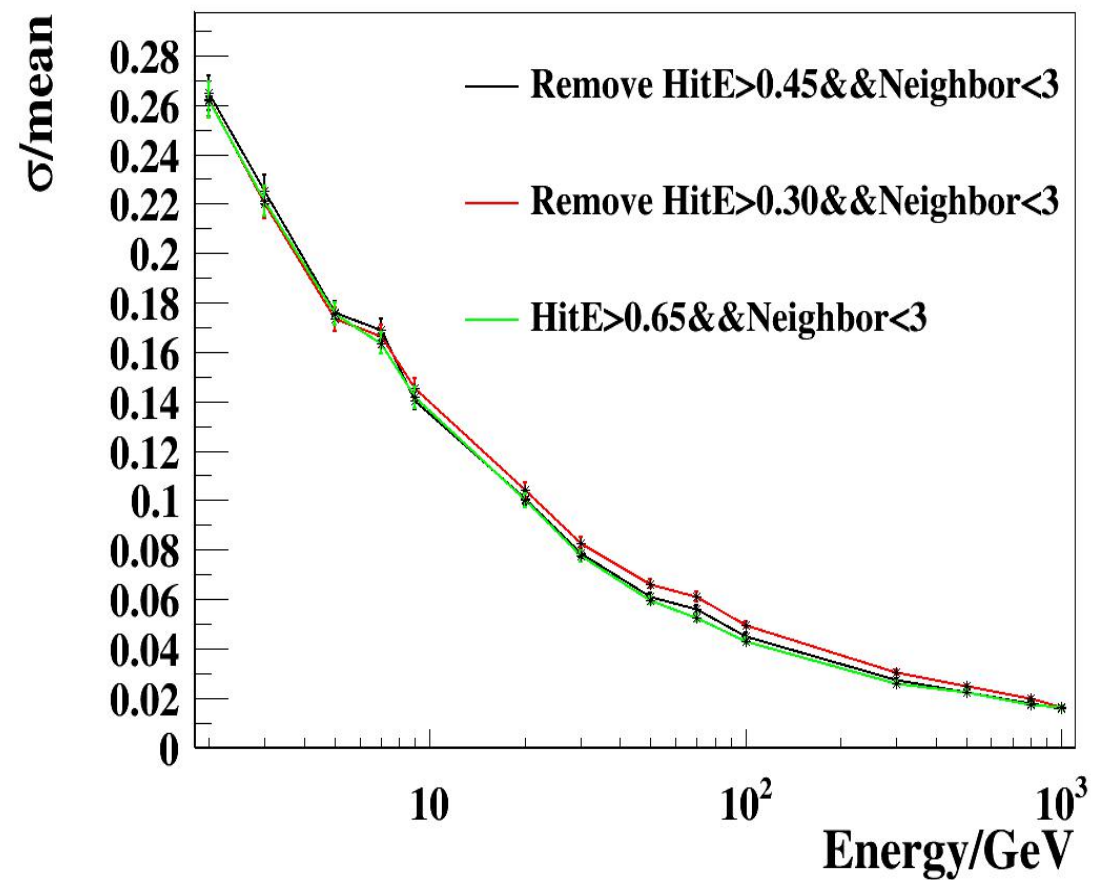
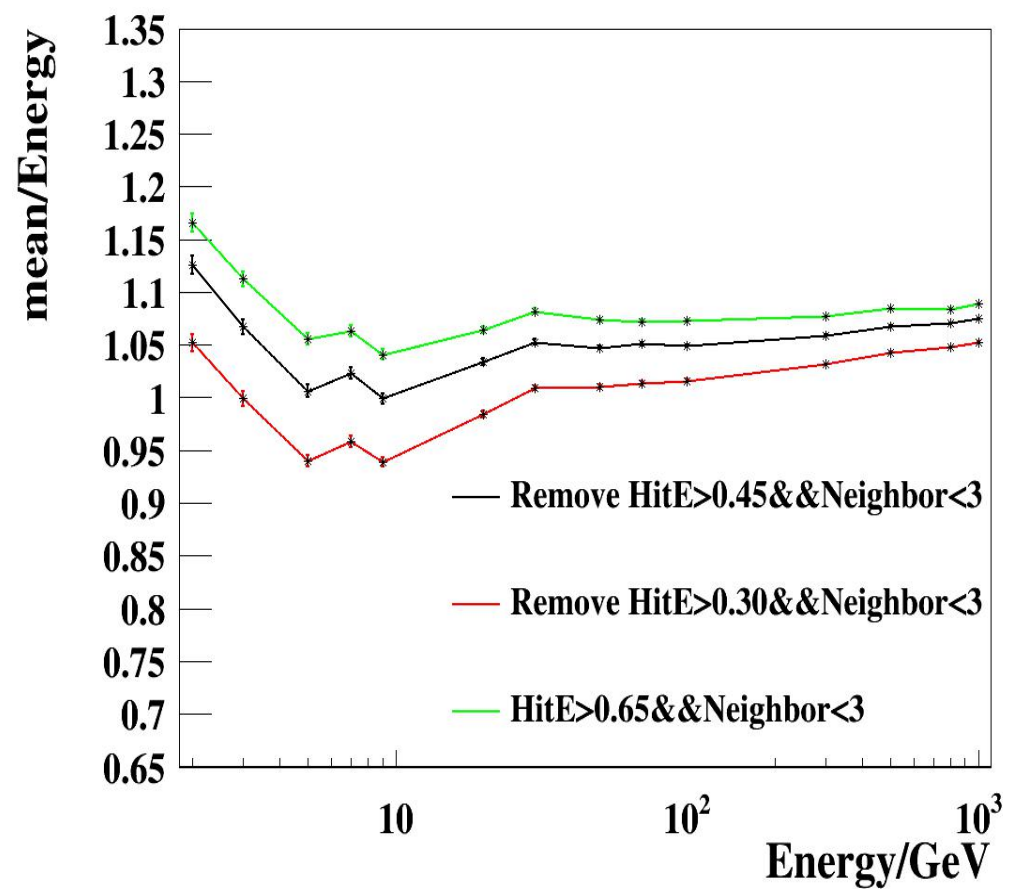


	Neutron_Excitation	Proton	Pion	EM	Kaon	others
HitE>0	130228	27599	65426	174497	1482	2481
HitE>0.0042(0.15mip)	48419	27562	65393	169231	1482	2481
HitE>0.45	277	3352	167	972	15	23
HitE>0.45&&Neighbor<2	227	2408	85	12	11	16
HitE>0.45&&Neighbor<1	165	1556	33	5	5	9

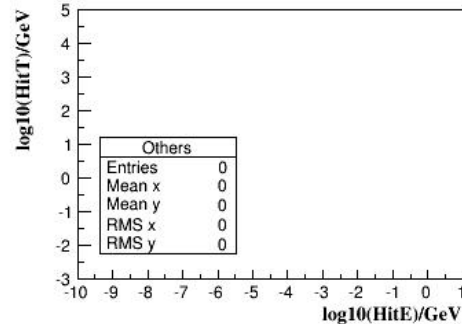
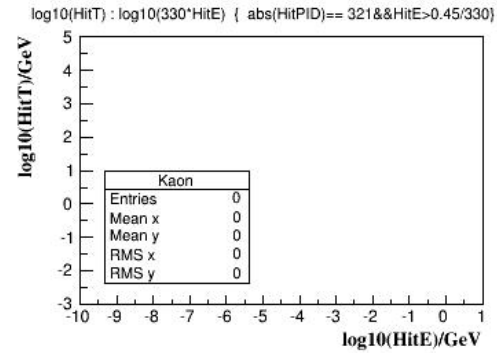
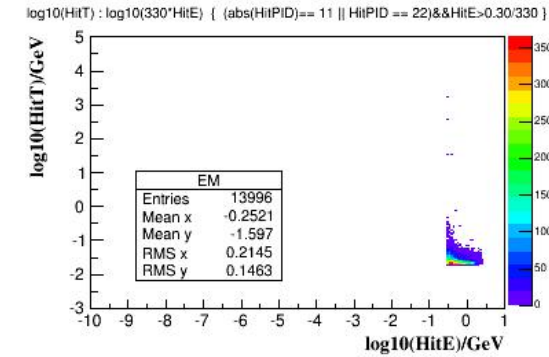
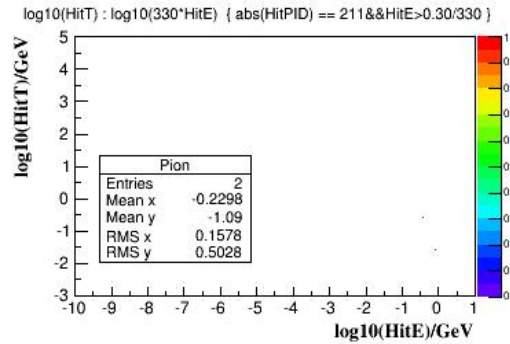
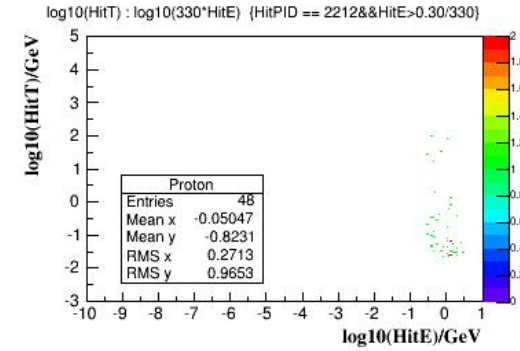
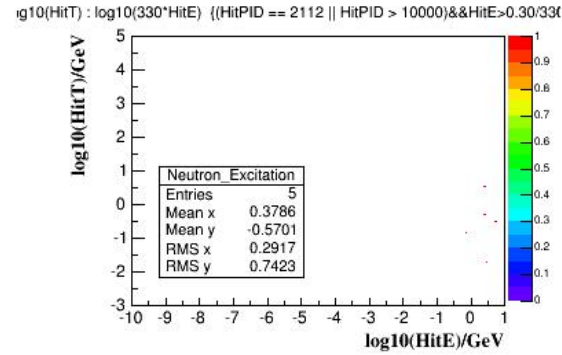
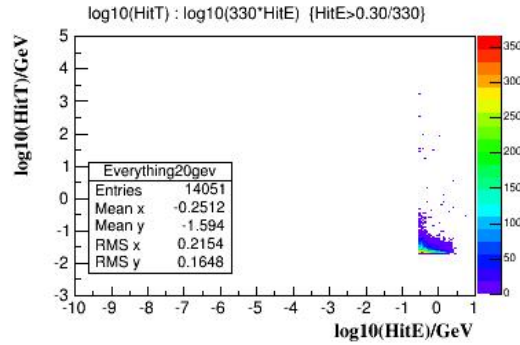
Neighbor:log10(HitE)







gamma:20GeV



Neutron :20GeV

