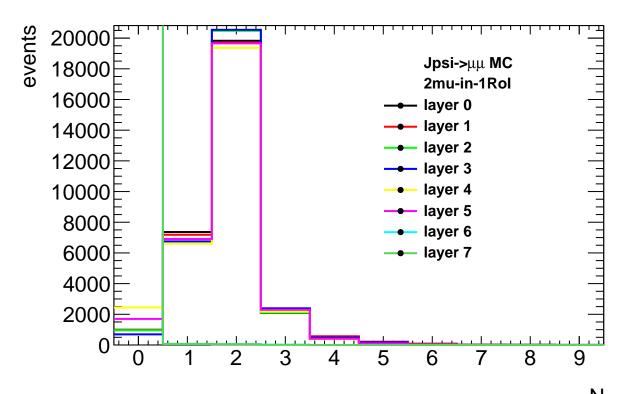
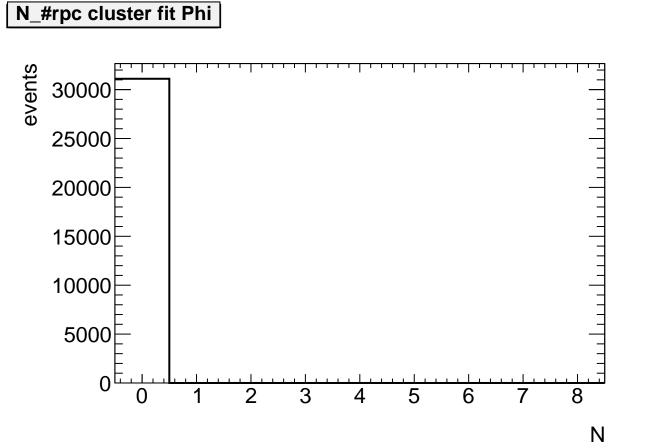


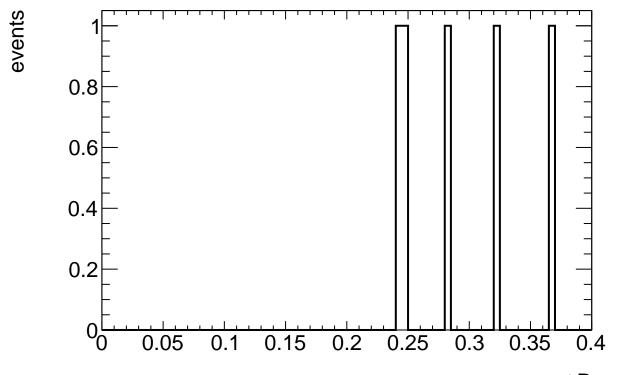
## the number of clusters at layer 0



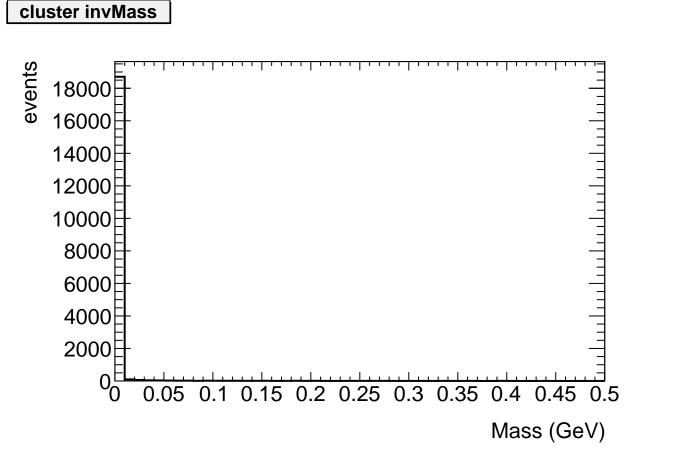
I



## cluster dR in MS



 $\Delta R$ 



## is opposite charge

