



Underlying Event Observables in pp and p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV.

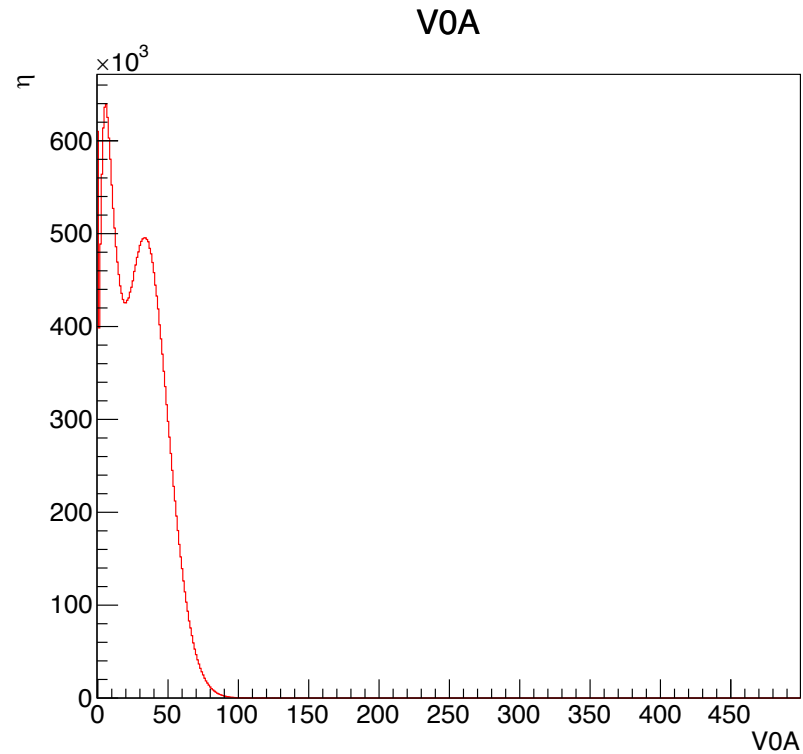
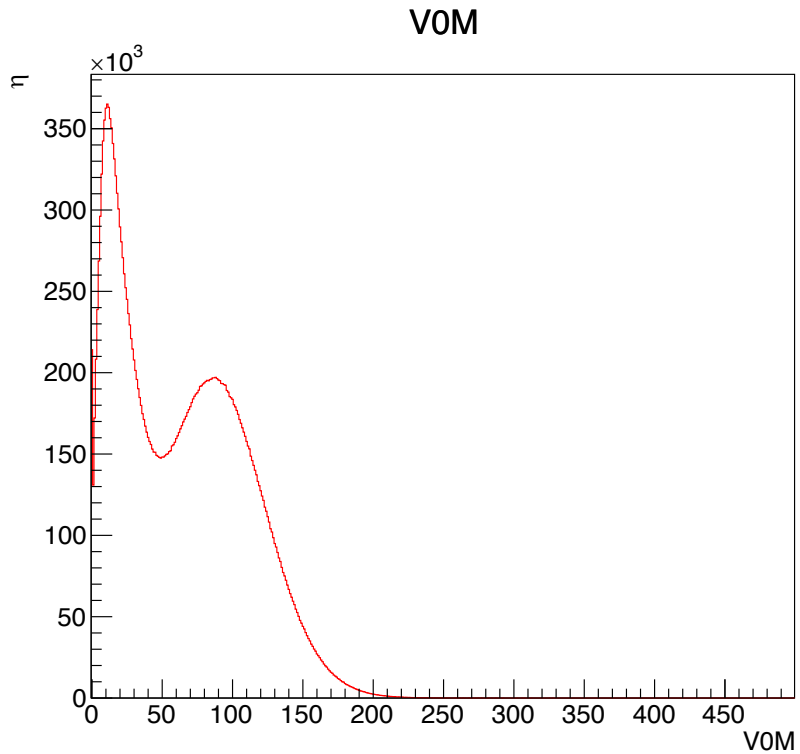
Ahsan Mehmood Khan Antonio Ortiz Velasquez

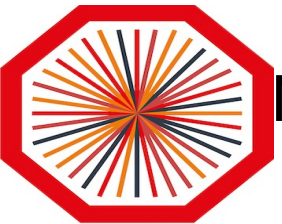
Daicui Zhou

5-March-2021



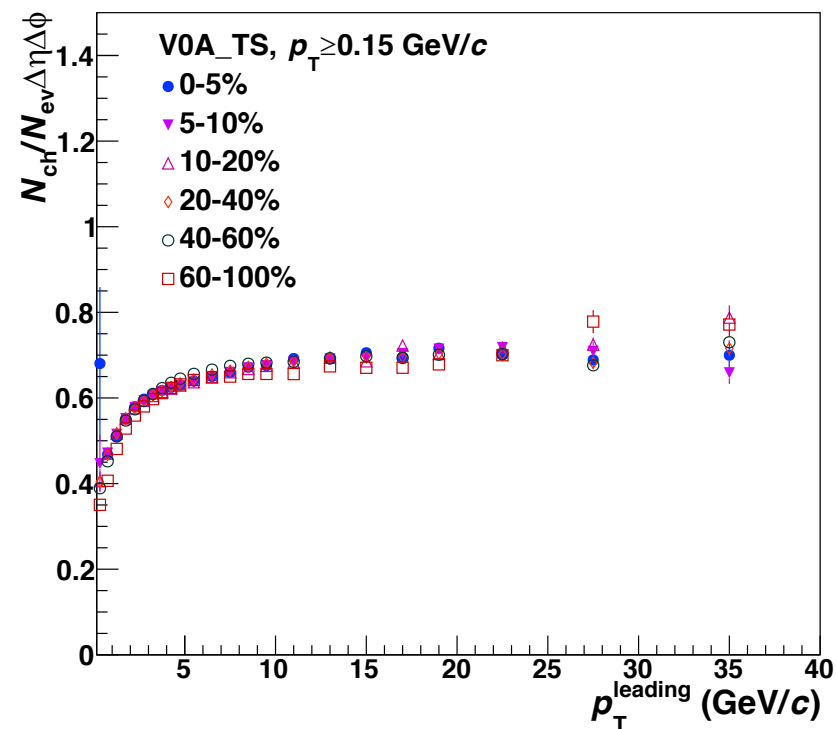
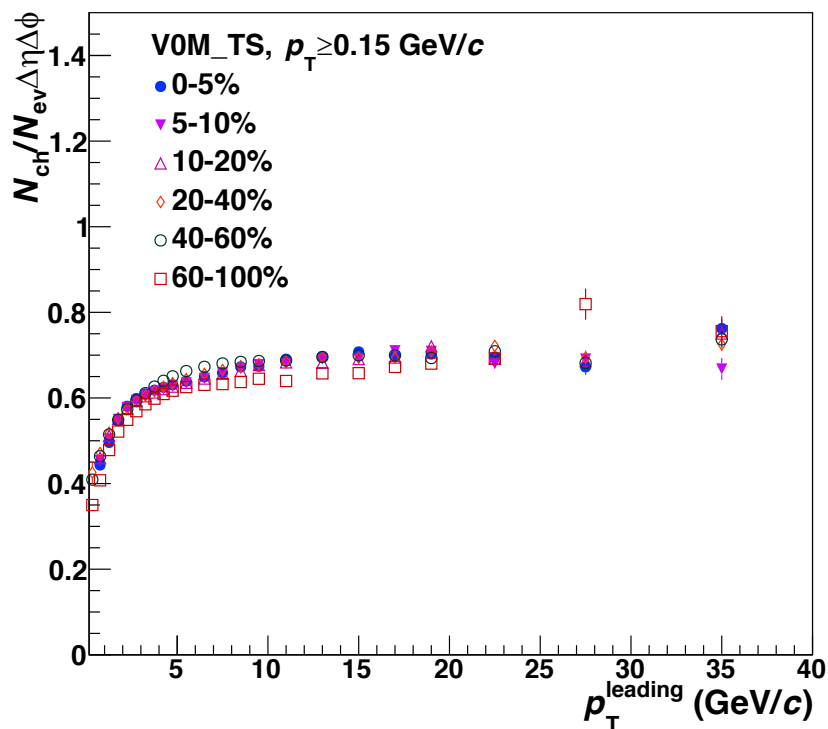
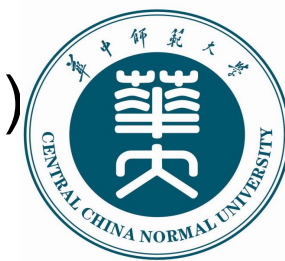
Different Multiplicity estimators for EPOS LHC(p-Pb)

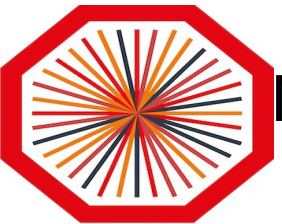




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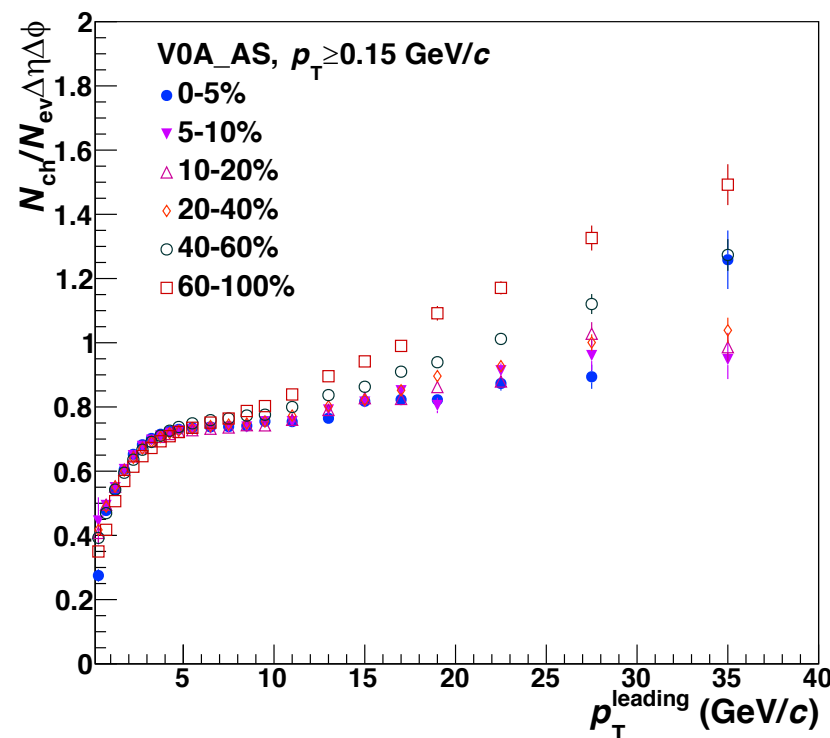
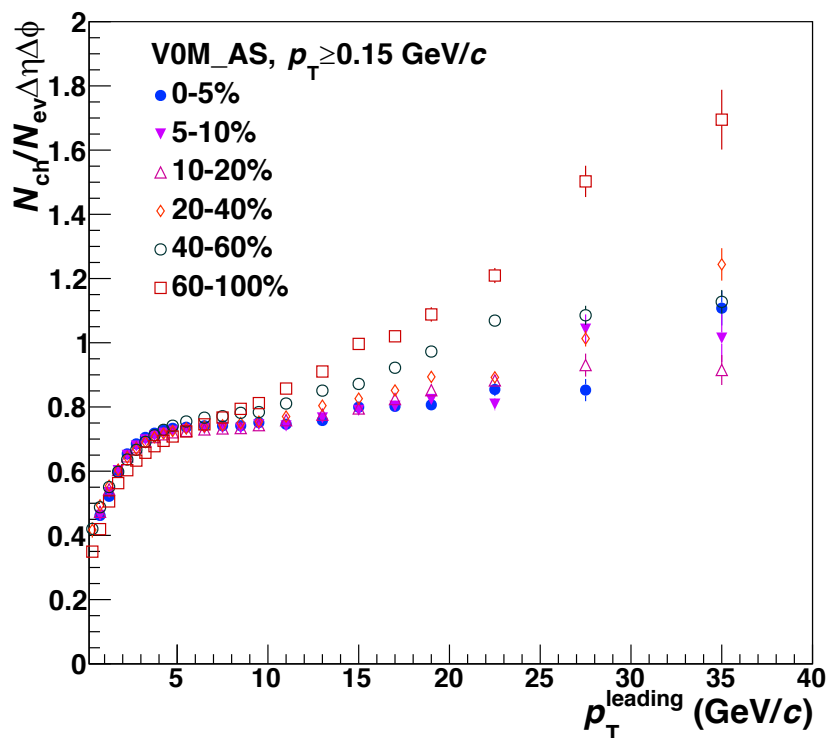
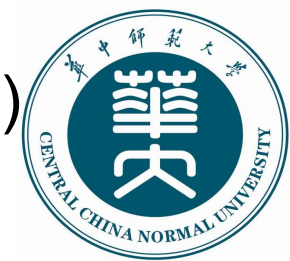
Number density with different Multiplicity estimators (EPOS LHC, p-Pb)

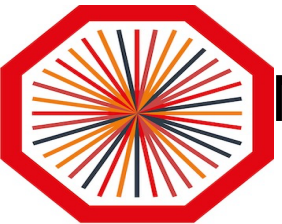




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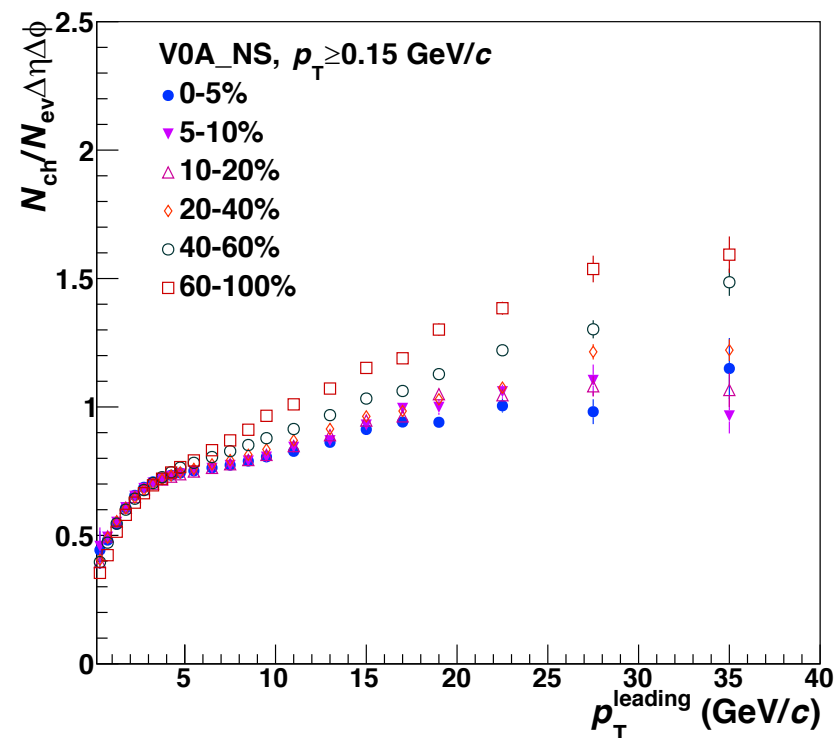
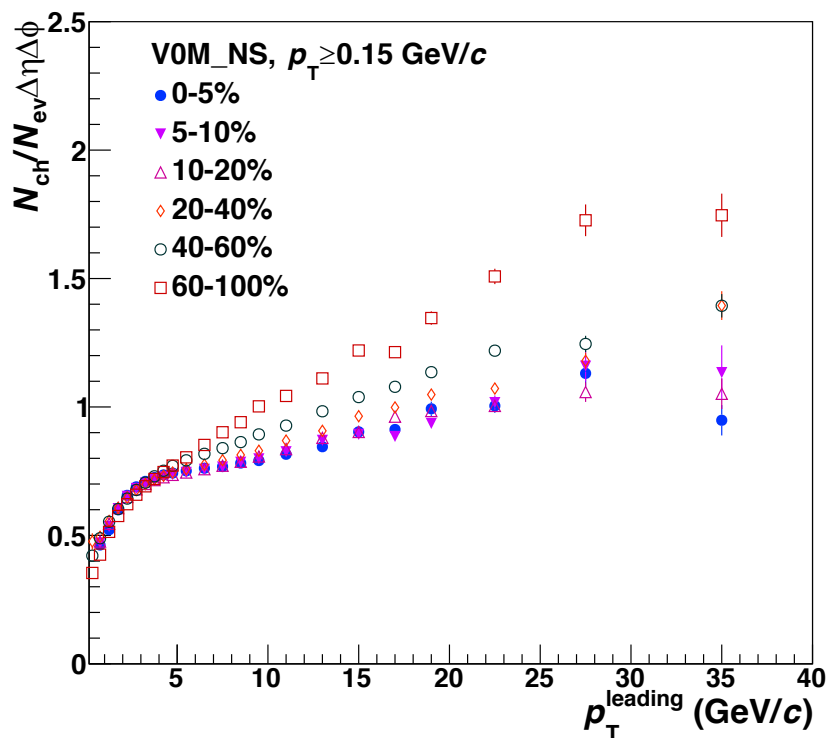
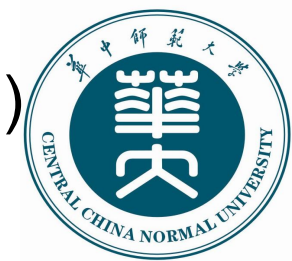
Number density with different Multiplicity estimators (EPOS LHC, p-Pb)





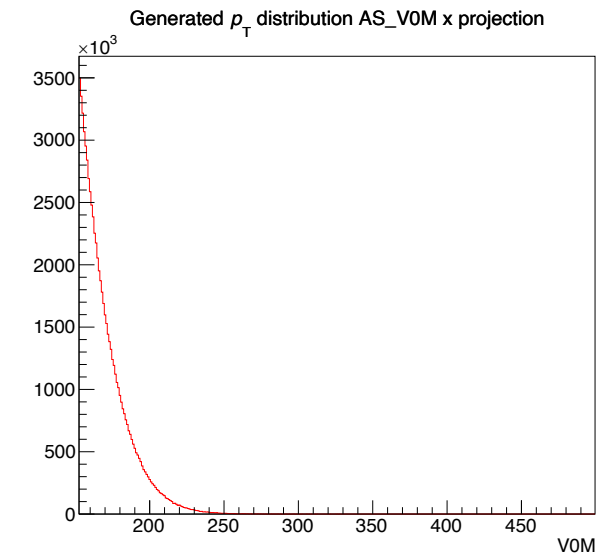
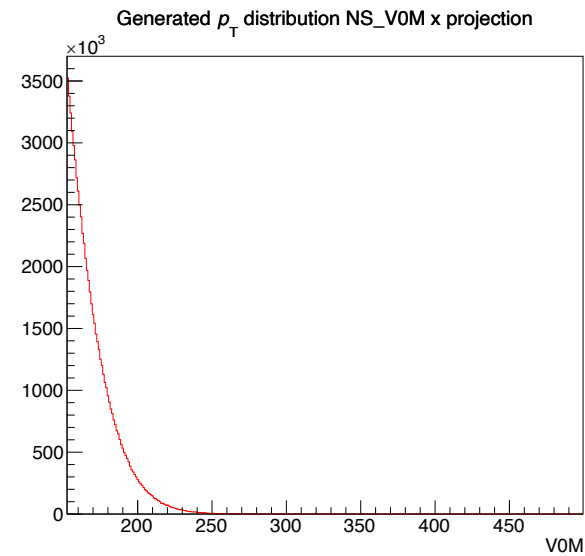
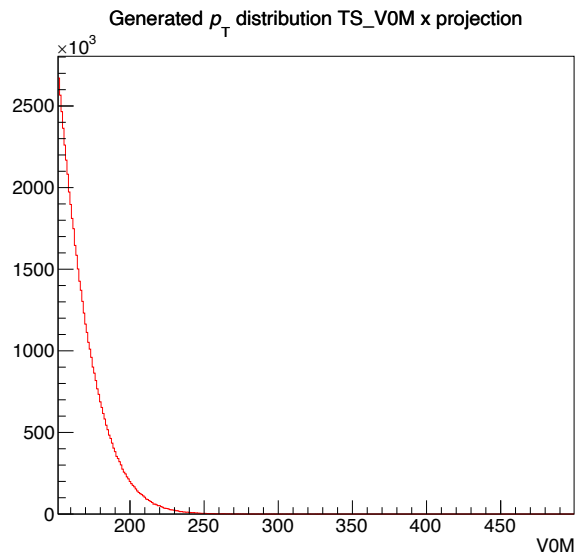
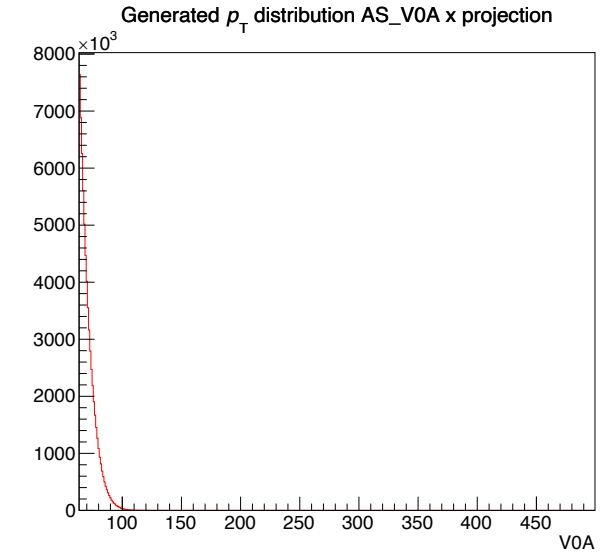
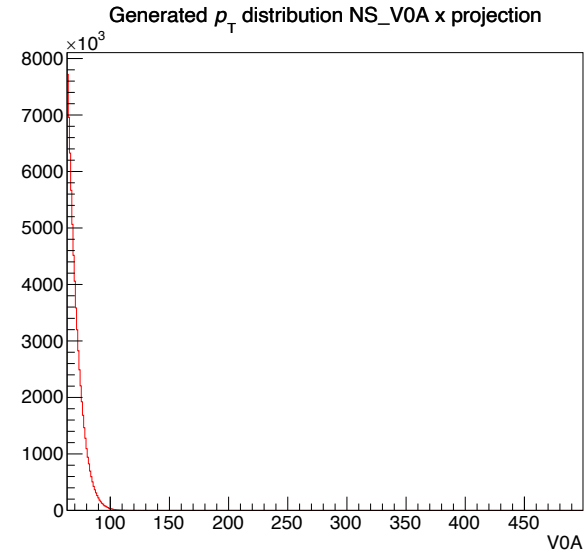
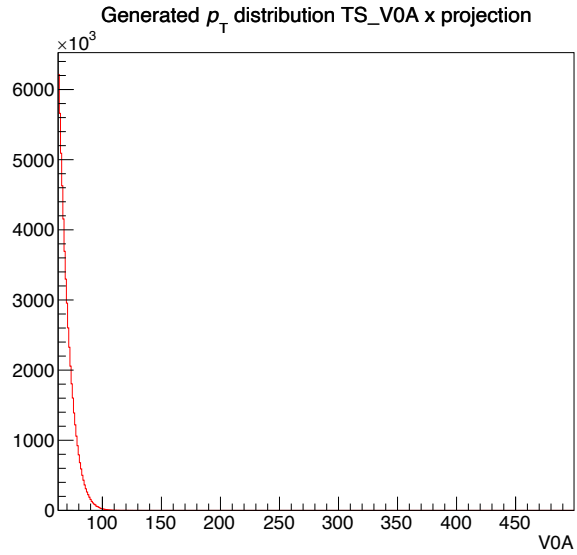
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Number density with different Multiplicity estimators (EPOS LHC, p-Pb)



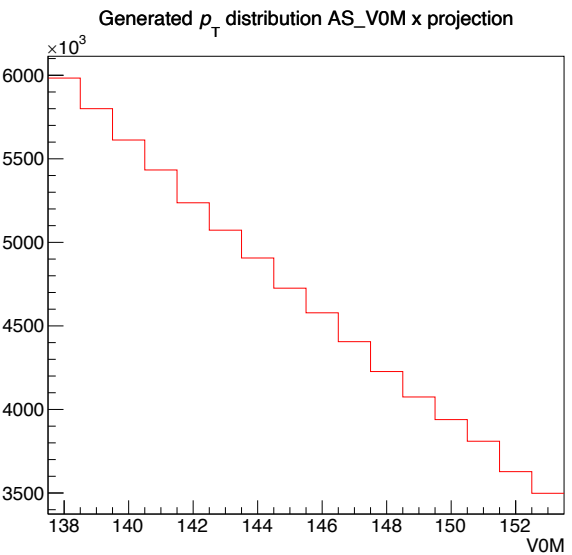
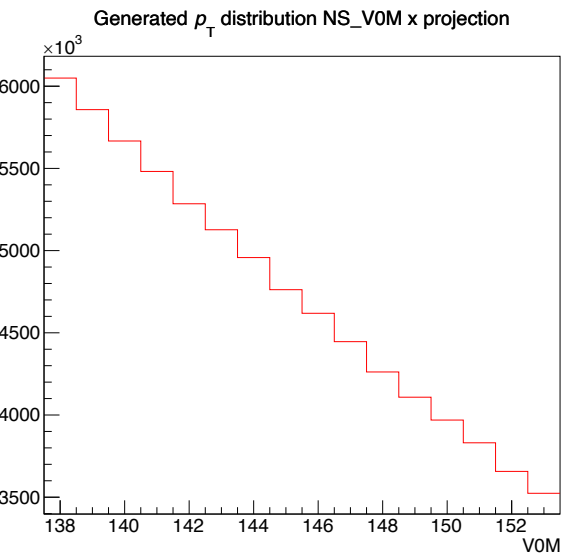
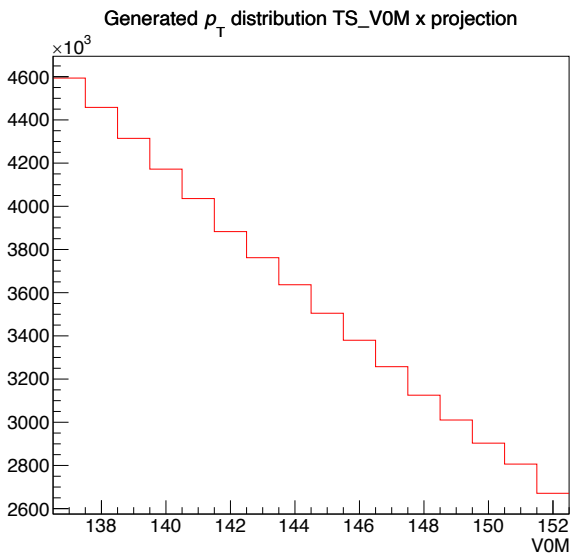
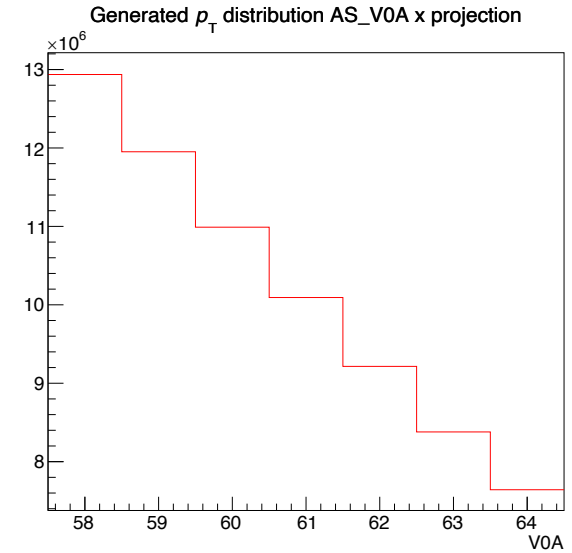
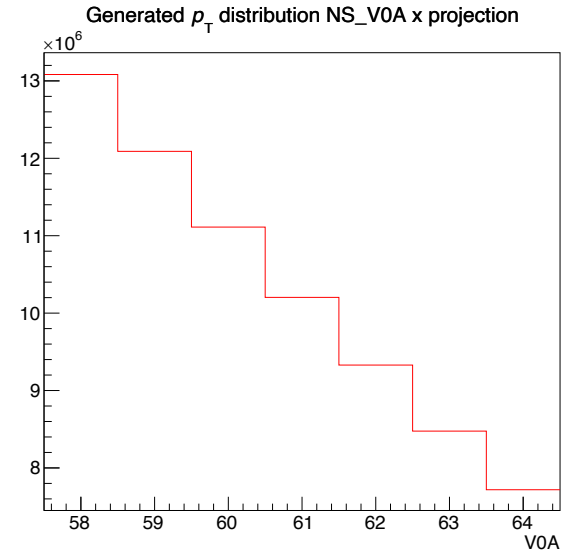
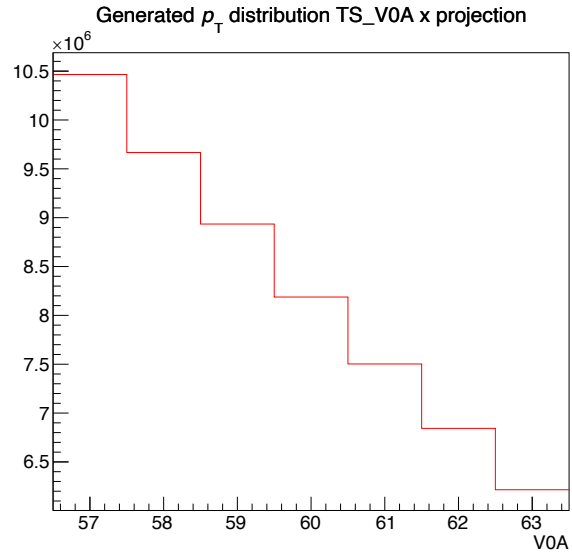


Multiplicity estimators for each different Classes(0-5)



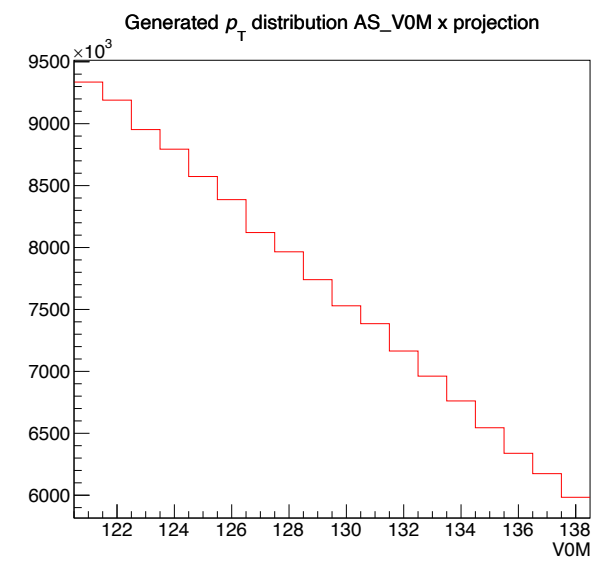
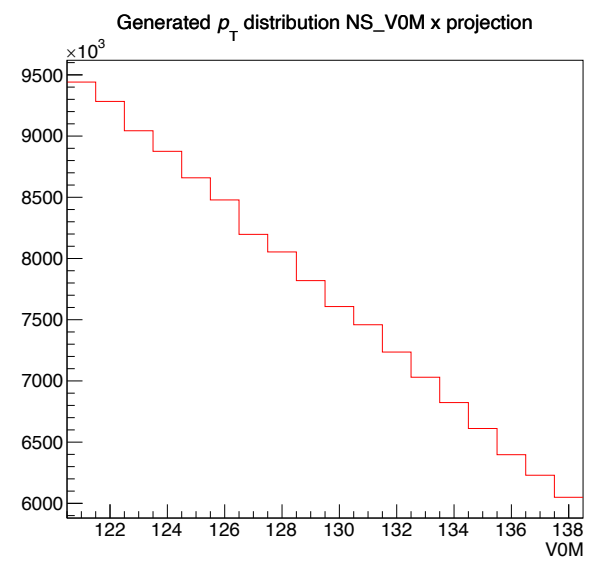
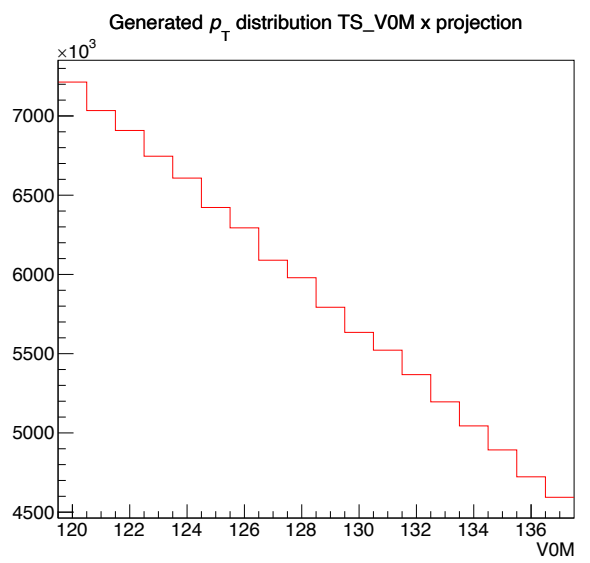
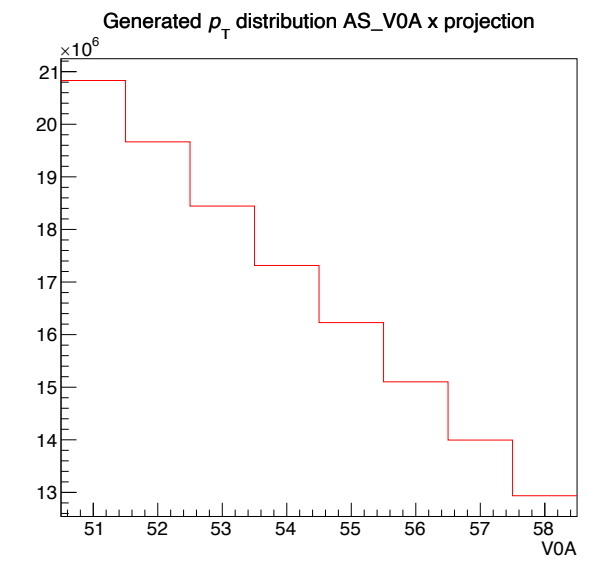
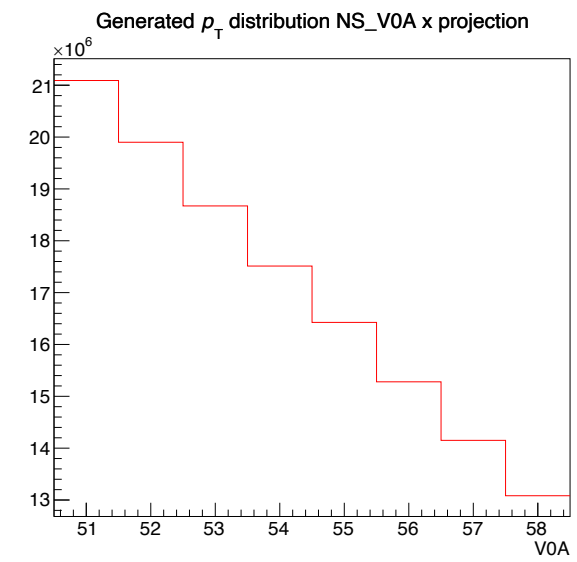
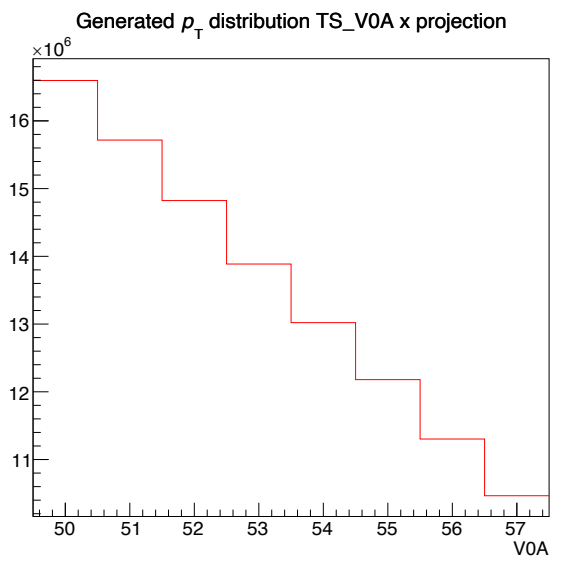


Multiplicity estimators for each different Classes(5-10)



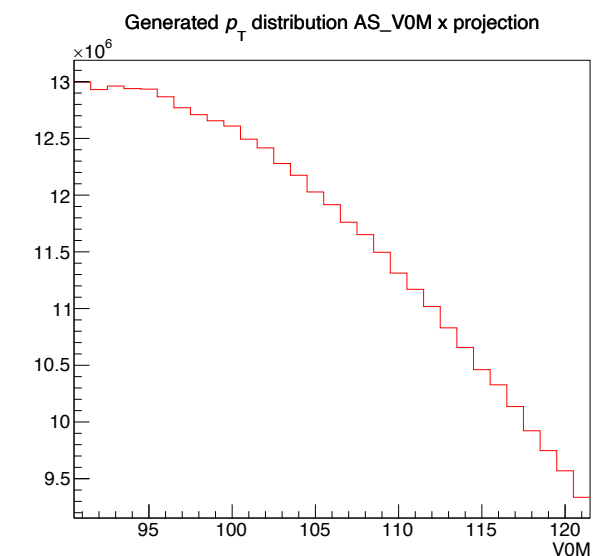
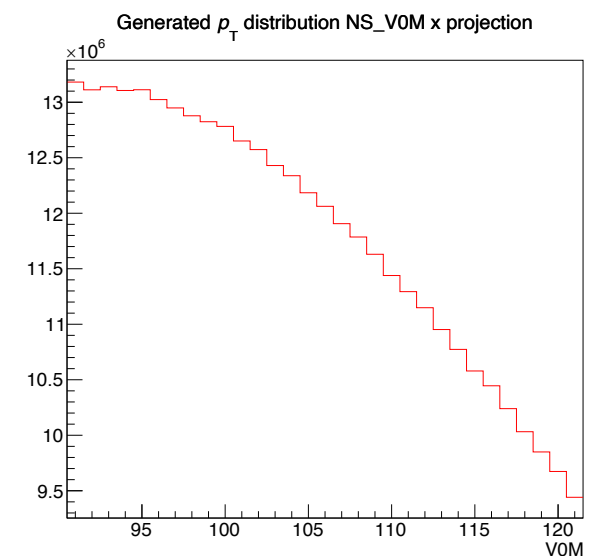
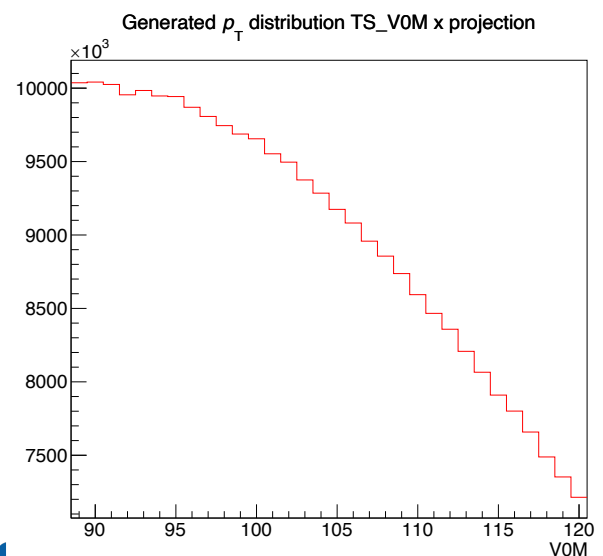
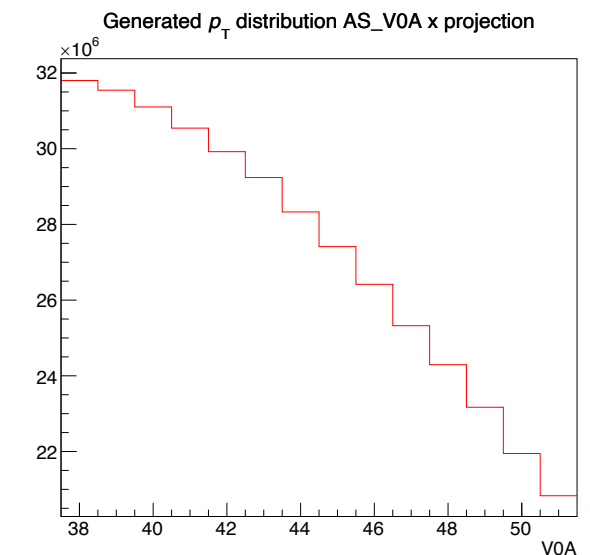
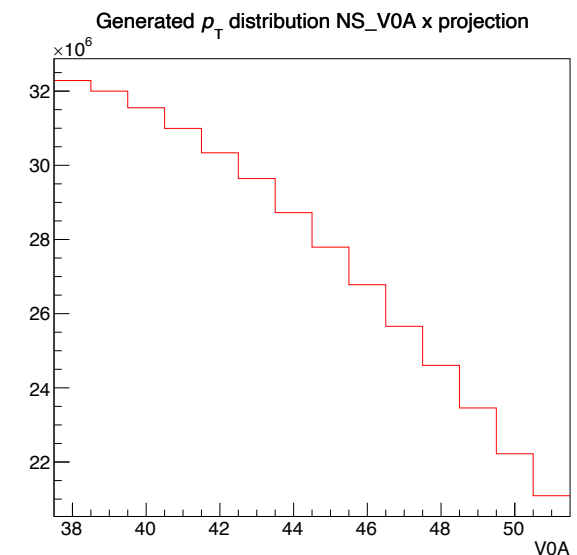
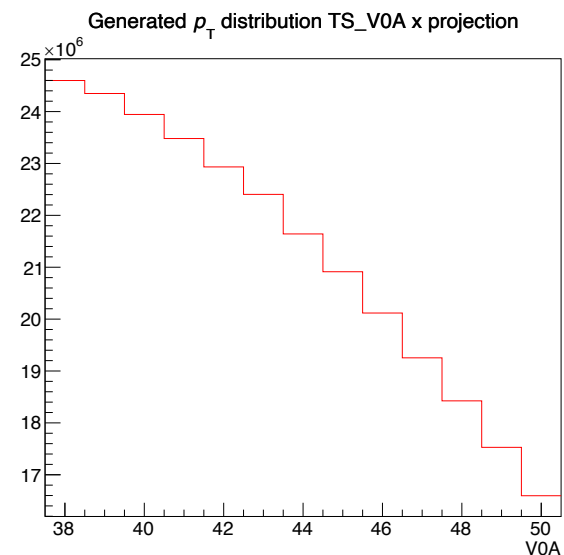


Multiplicity estimators for each different Classes(10-20)



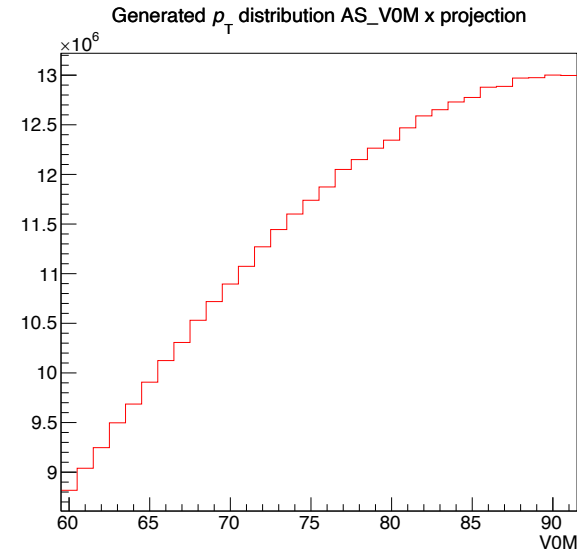
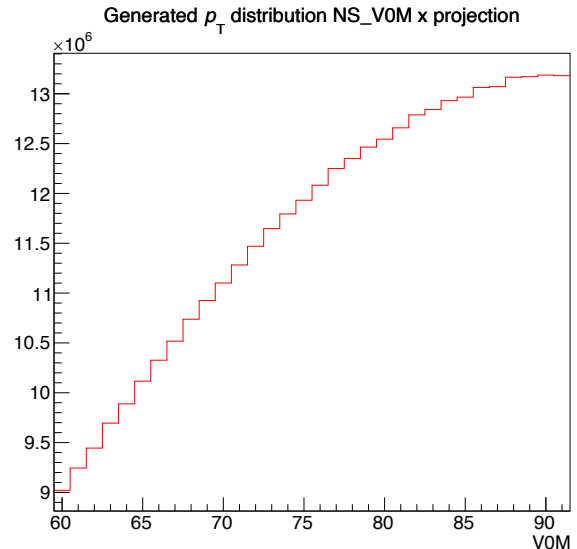
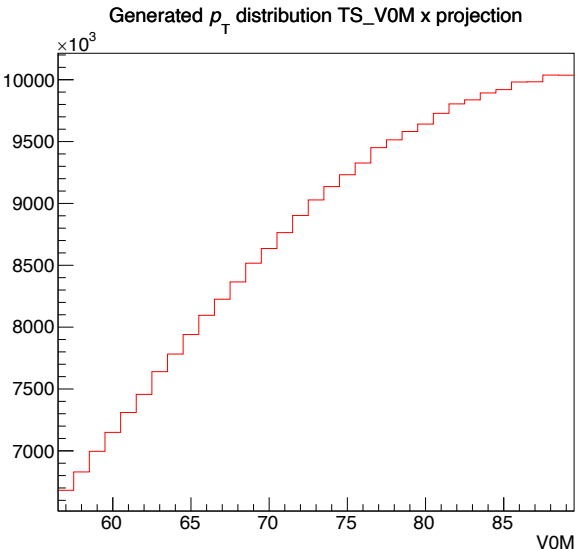
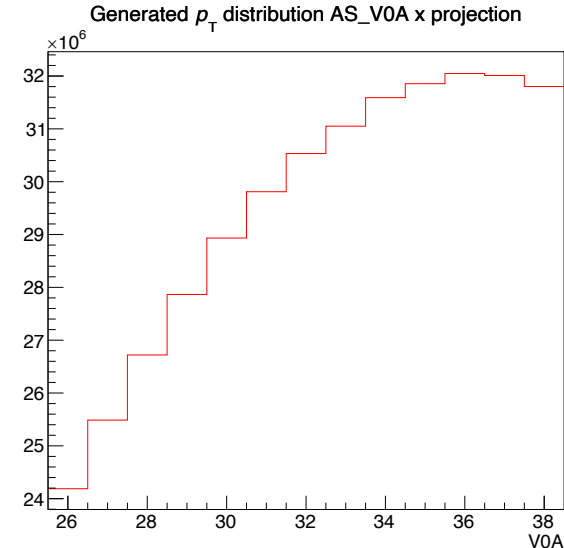
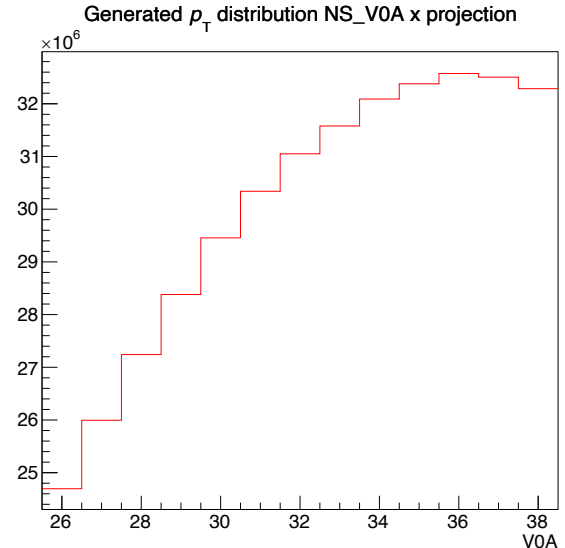
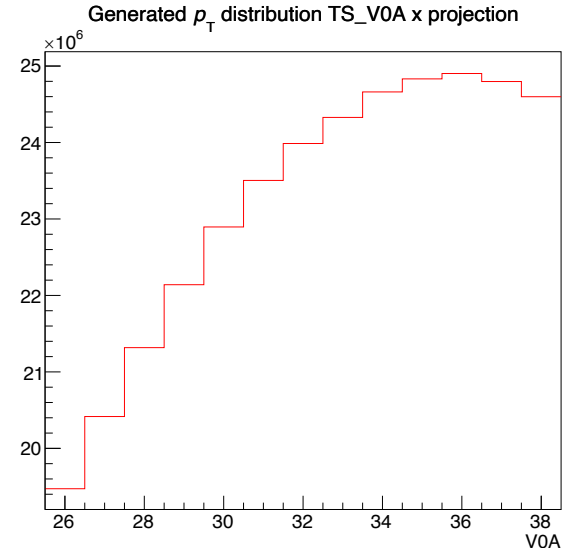


Multiplicity estimators for each different Classes(20-40)



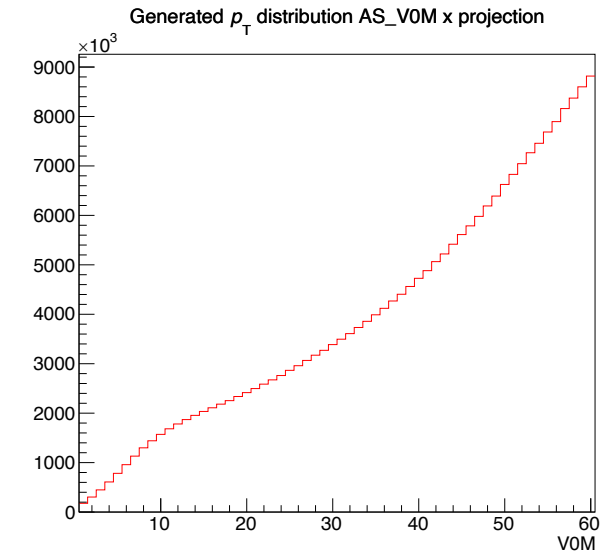
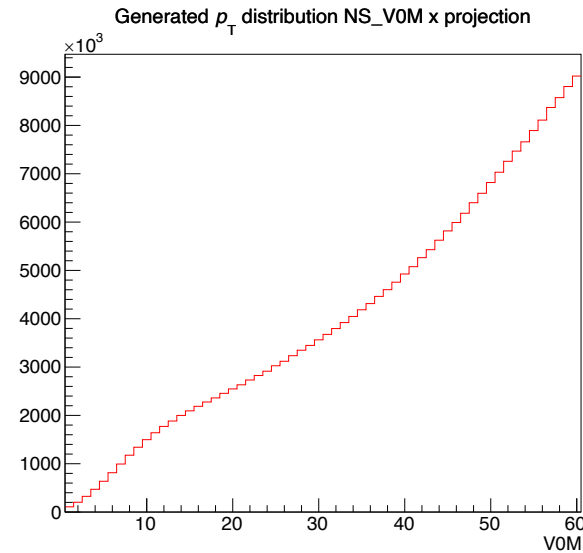
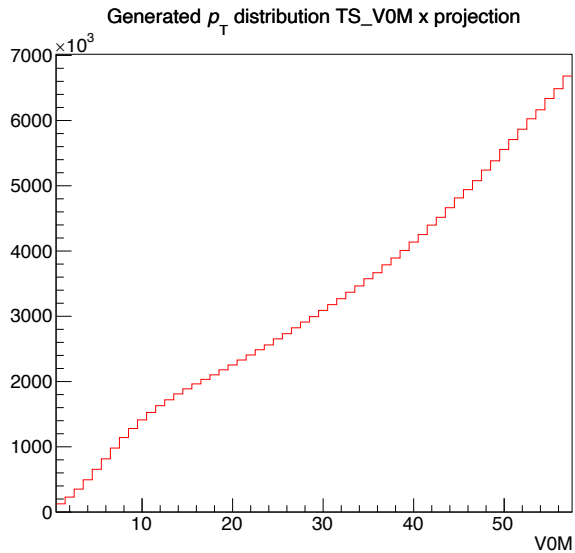
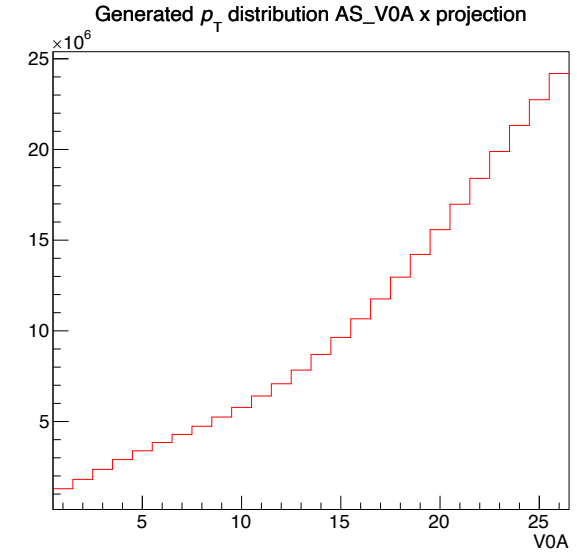
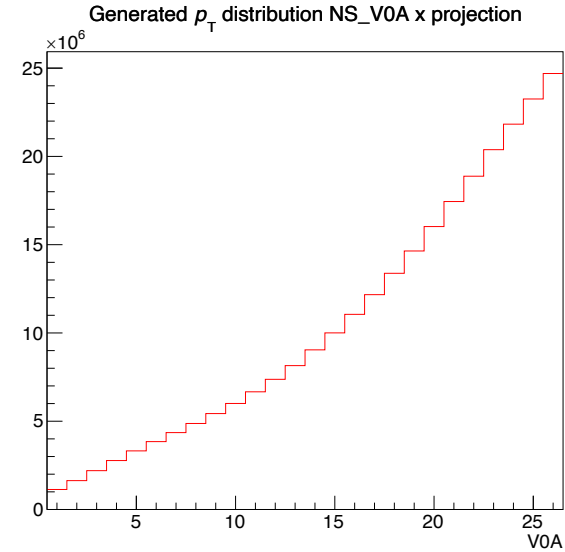
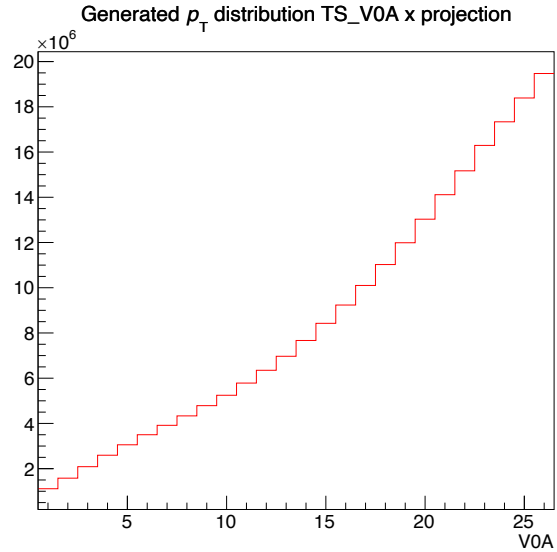


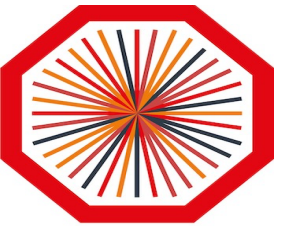
Multiplicity estimators for each different Classes(40-60)





Multiplicity estimators for each different Classes(60-100)





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summary

Showed different multiplicity estimator.

Showed Number density for different multiplicity intervals.

