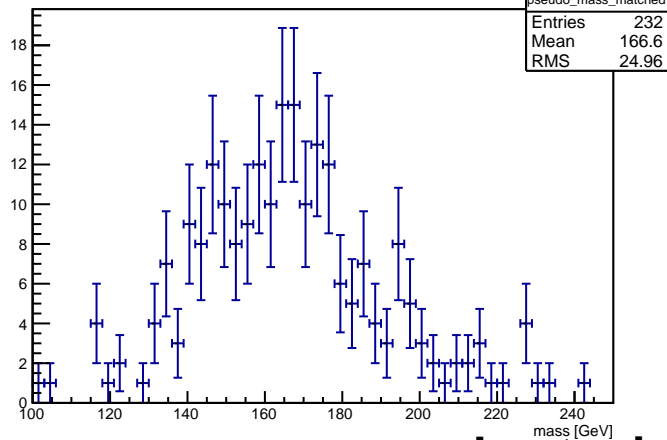
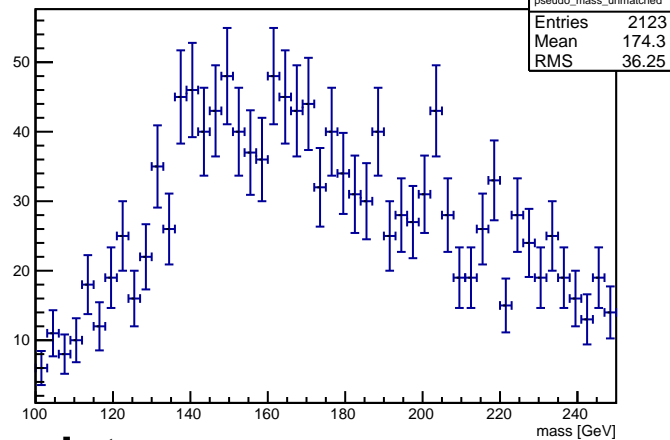


matched leptonic pseudotop

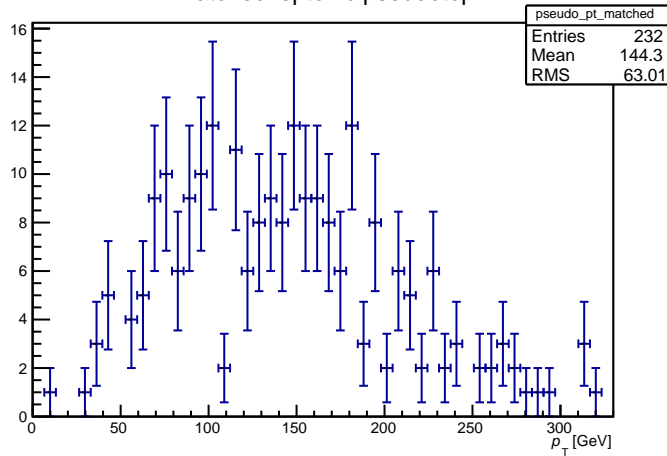
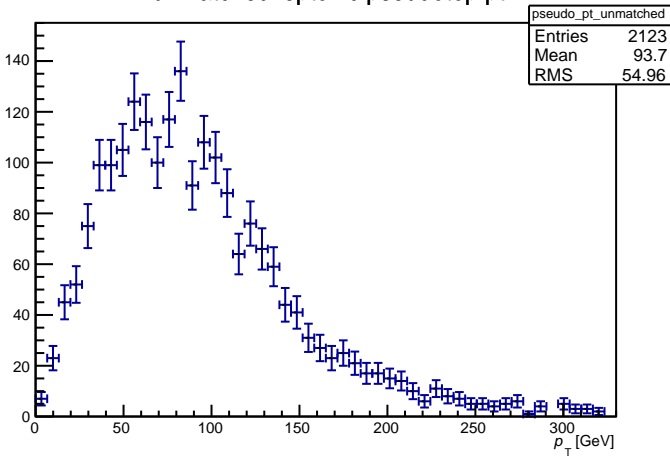


unmatched leptonic pseudotop mass

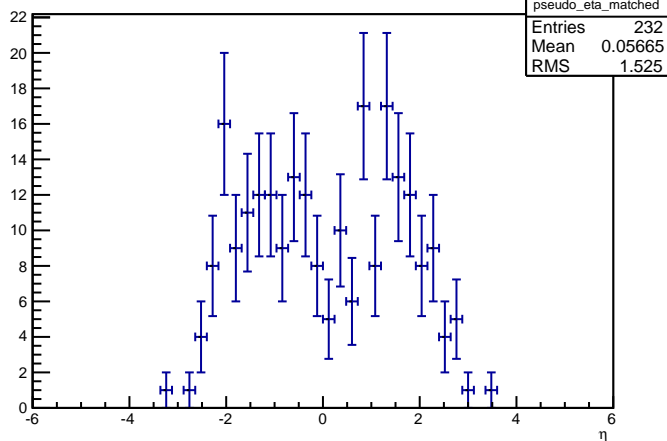


Leptonic pseudotop

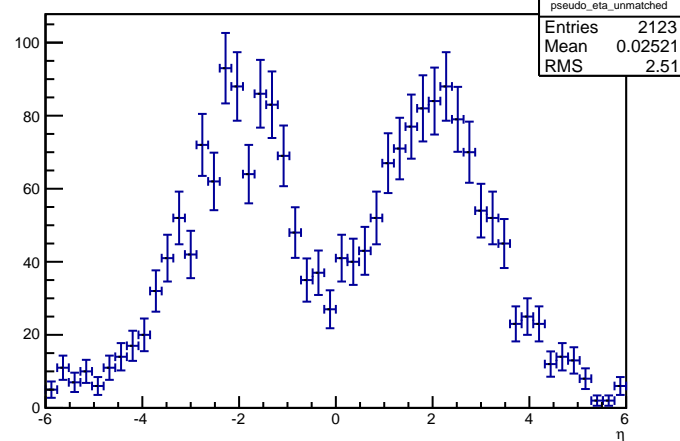
matched leptonic pseudotop

unmatched leptonic pseudotop p_T 

matched leptonic pseudotop

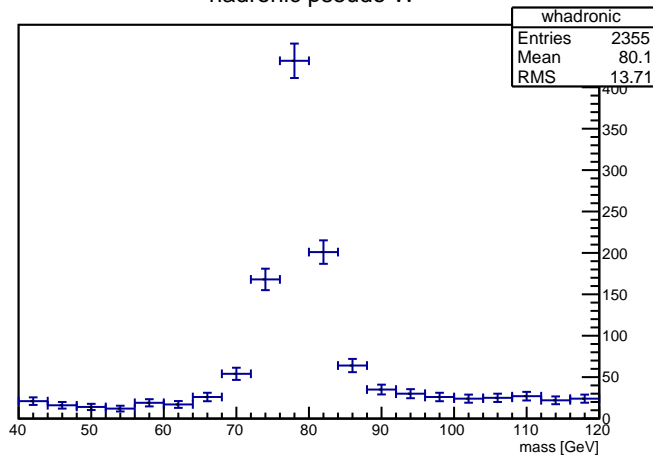


unmatched leptonic pseudotop eta

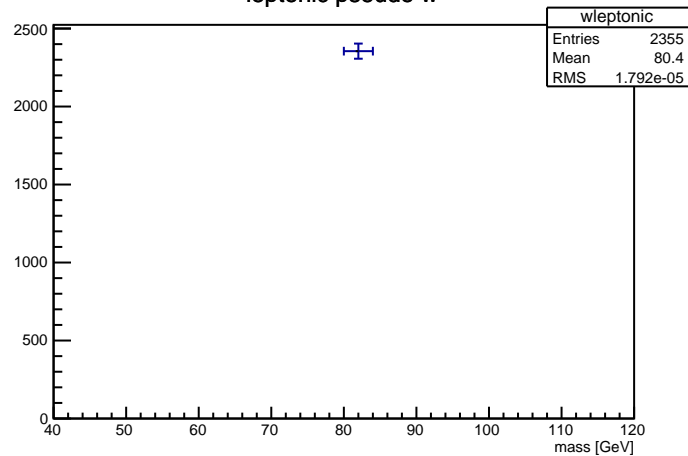


Leptonic pseudotop

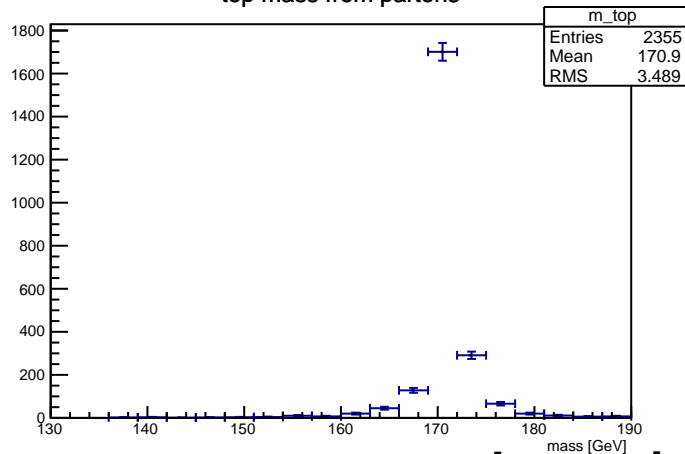
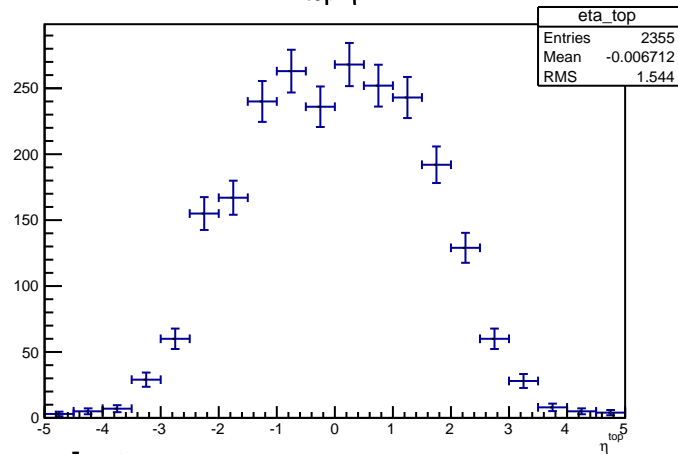
hadronic pseudo W



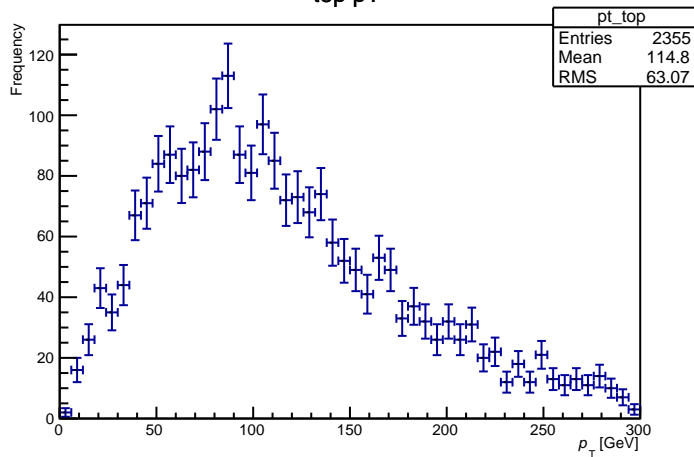
leptonic pseudo w



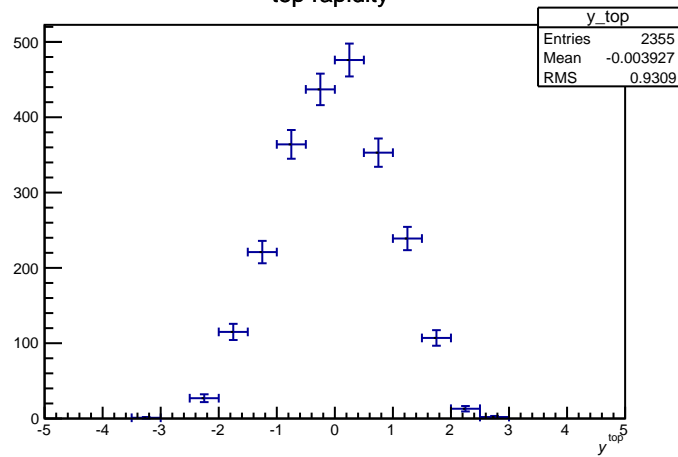
top mass from partons

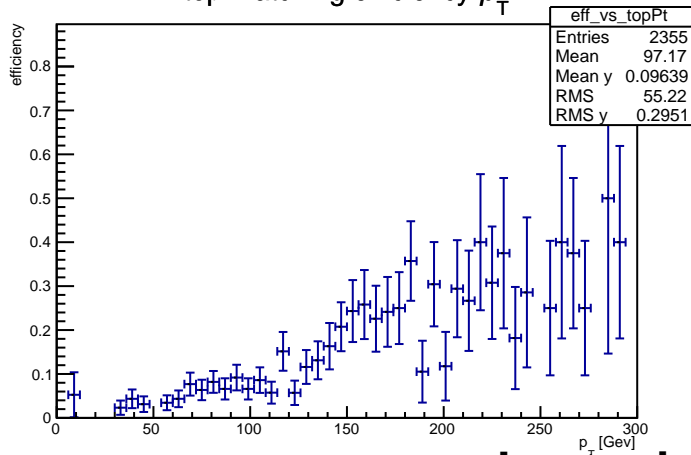
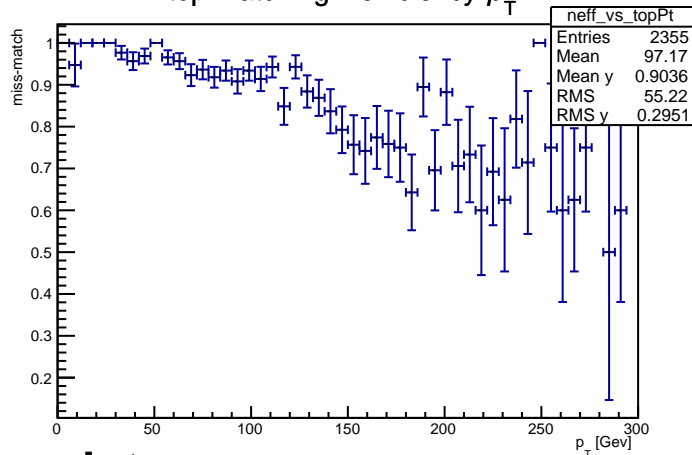
top η 

Leptonic pseudotop

top p_T 

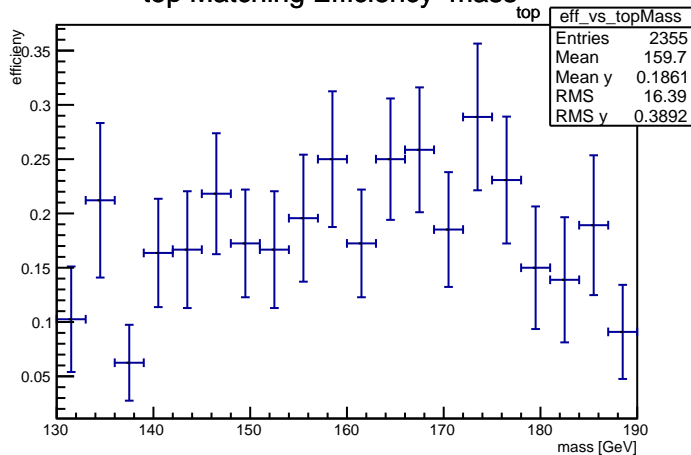
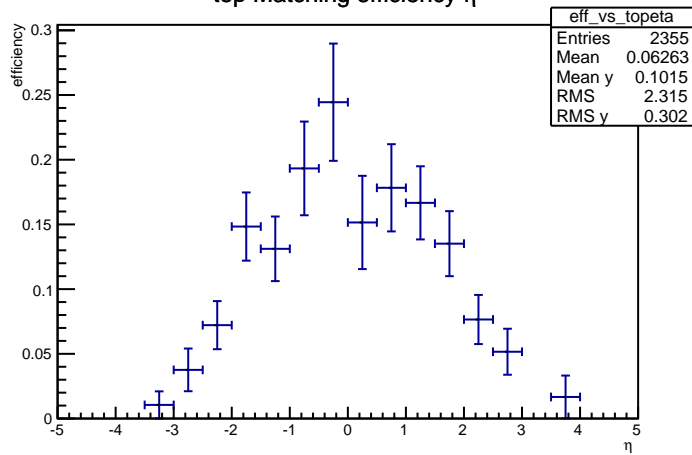
top rapidity



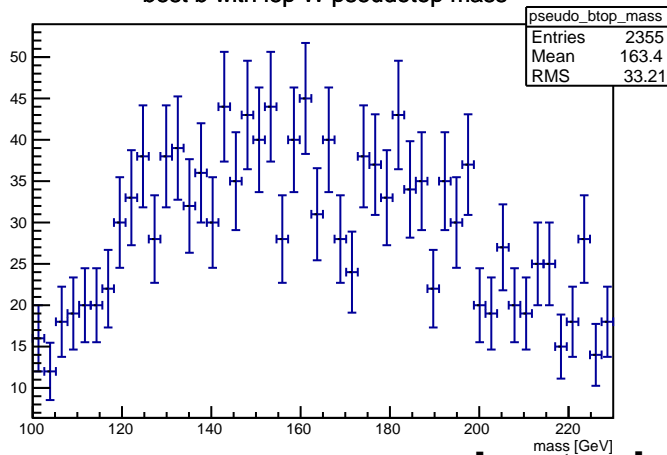
top Matching efficiency p_T top Matching inefficiency p_T 

Leptonic pseudotop

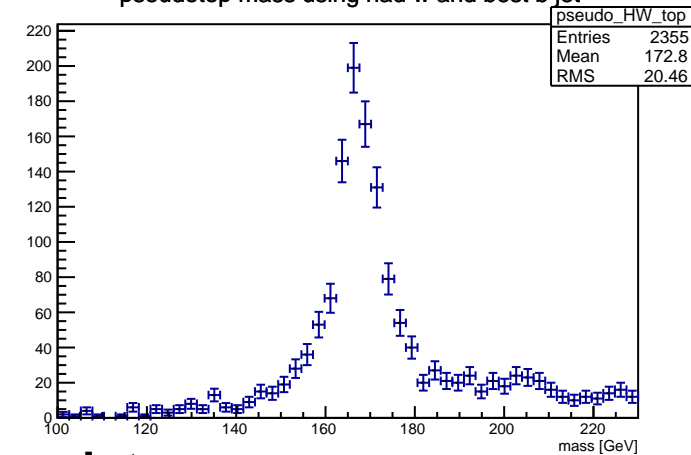
top Matching Efficiency mass

top Matching efficiency η 

best b with lep W pseudotop mass

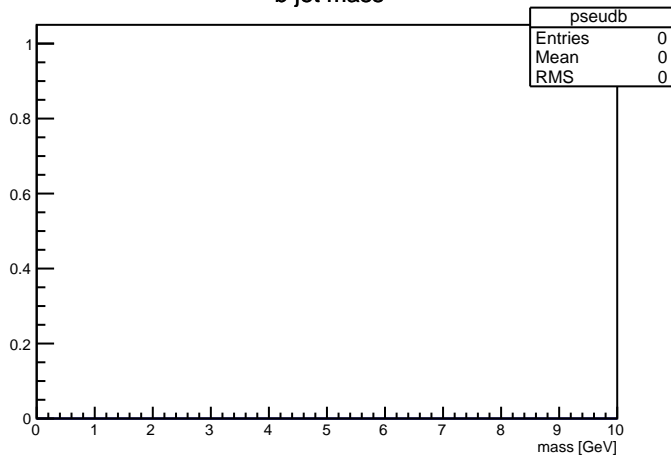


pseudotop mass using had w and best b jet



Leptonic pseudotop

b jet mass



bottom matching efficiency

