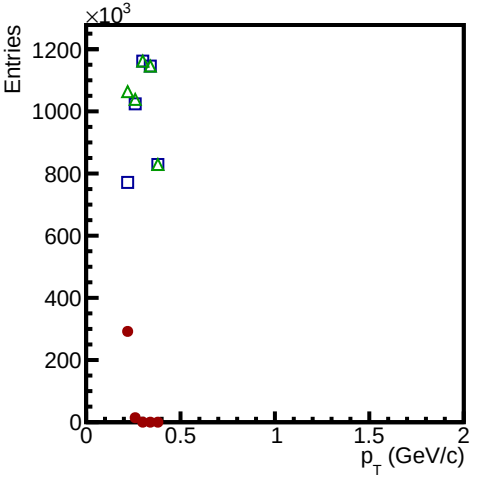
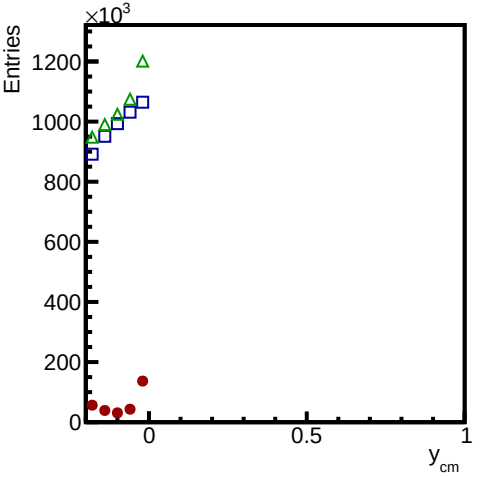
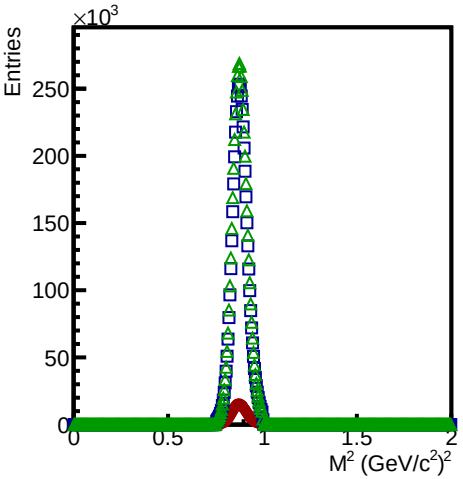
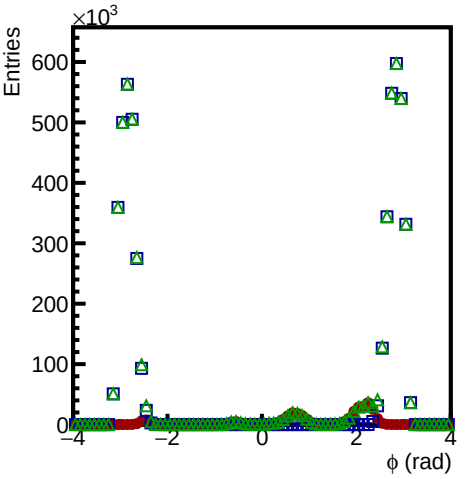








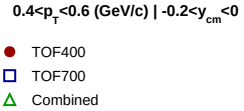


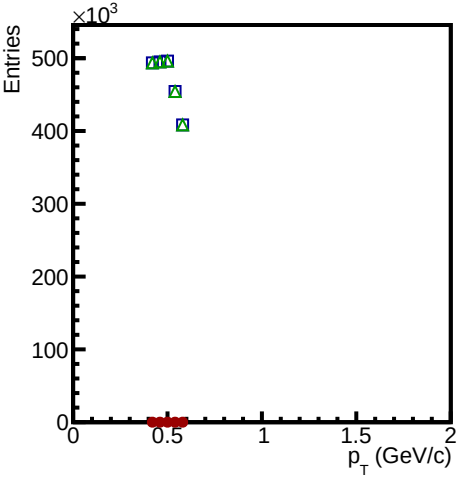
Mean p_T(TOF400) = 0.221877

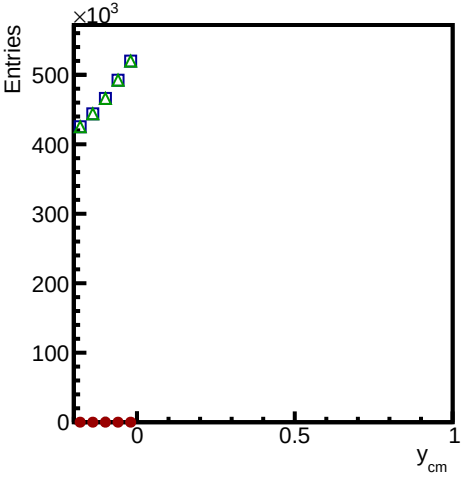
Mean p_T(TOF700) = 0.301920

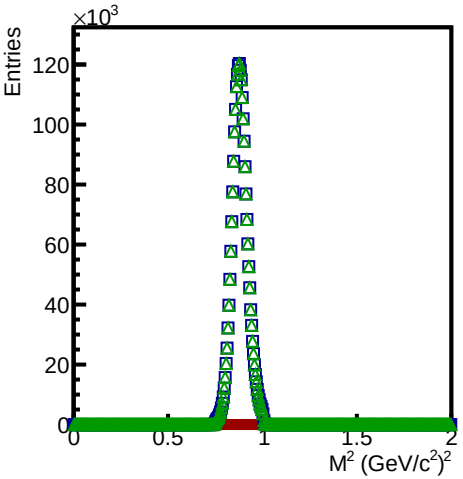
Mean y_{cm}(TOF400) = -0.078513

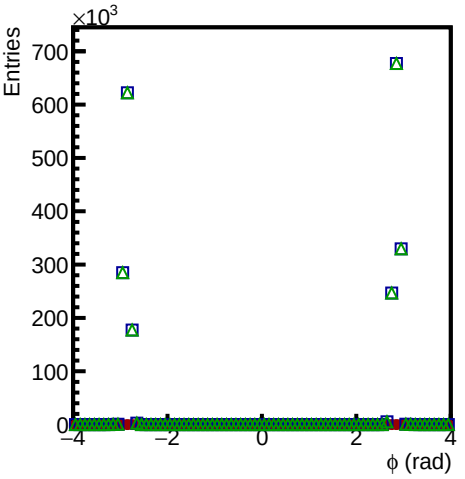
Mean y_{cm}(TOF700) = -0.096545









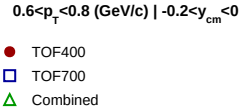


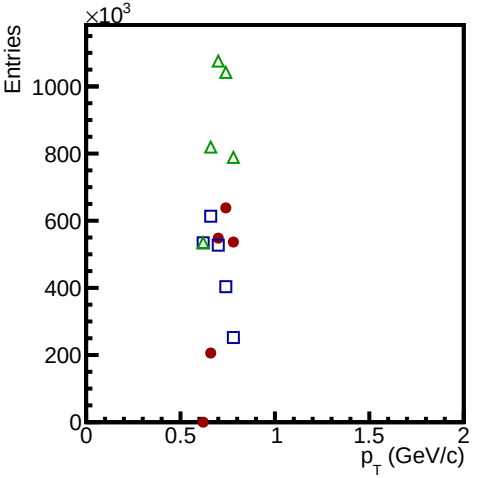
Mean p_T(TOF400) = 0.000000

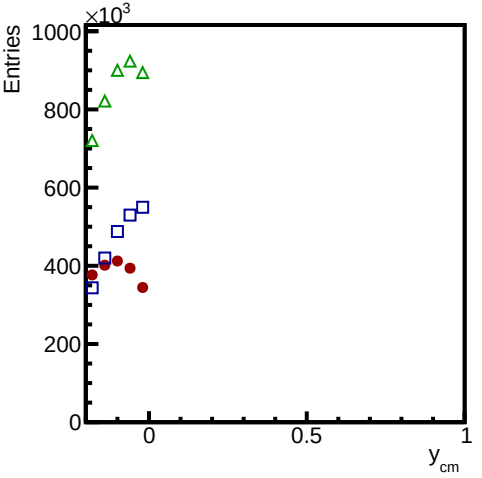
Mean p_T(TOF700) = 0.496401

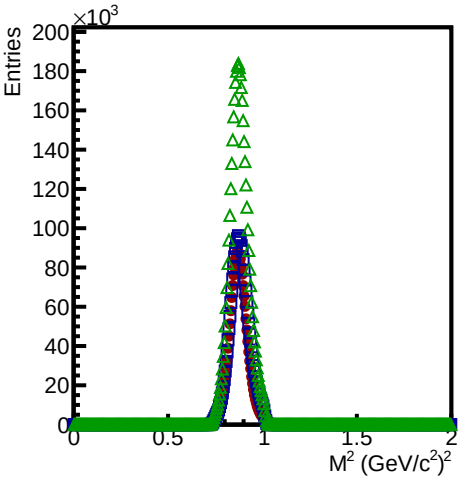
Mean y_{cm}(TOF400) = 0.000000

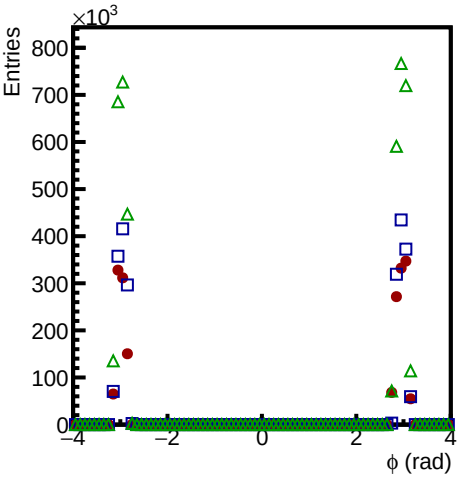
Mean y_{cm}(TOF700) = -0.095954









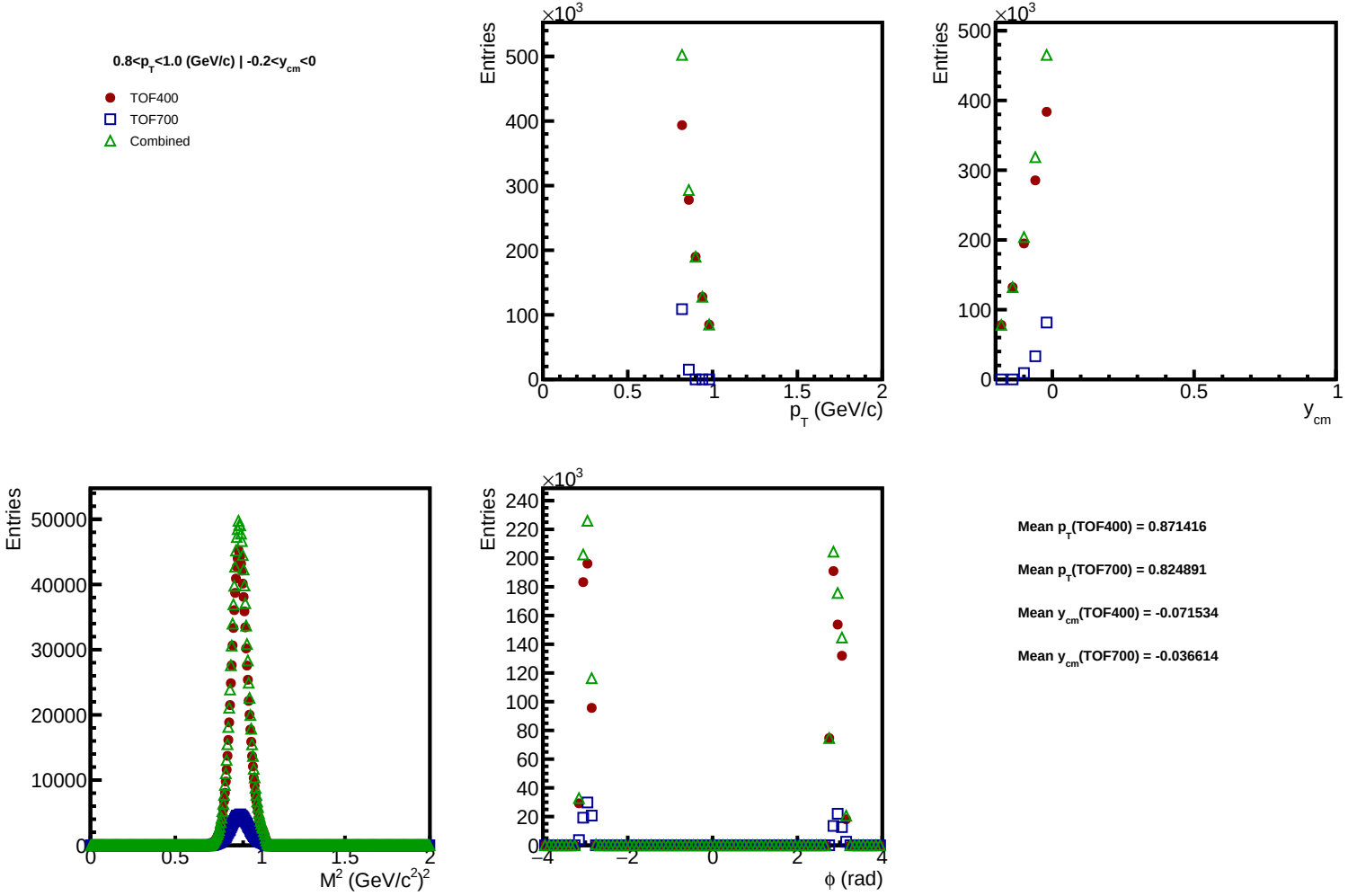


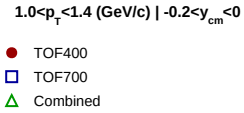
Mean p_T(TOF400) = 0.731217

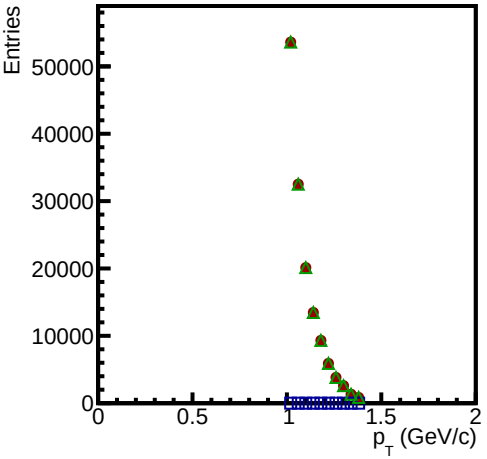
Mean p_T(TOF700) = 0.686712

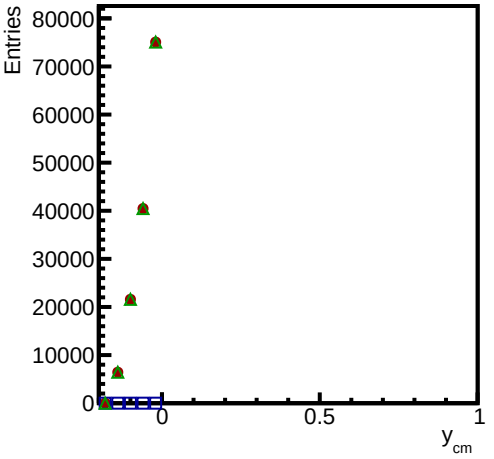
Mean y_{cm}(TOF400) = -0.101495

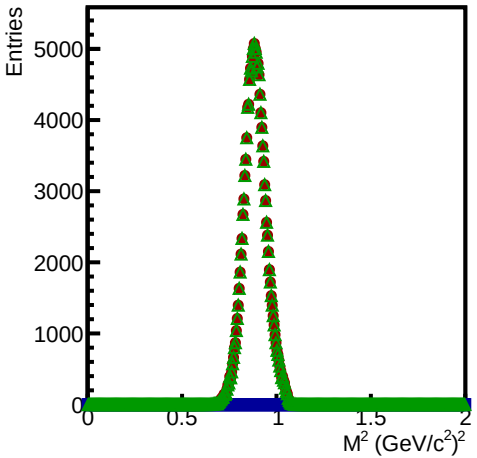
Mean y_{cm}(TOF700) = -0.091044

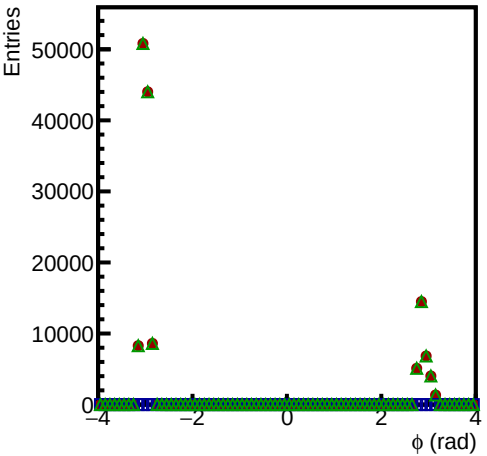

0.8<p_T<1.0 (GeV/c) | -0.2<y_cm<0
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.871416
Mean p_T(TOF700) = 0.824891
Mean y_cm(TOF400) = -0.071534
Mean y_cm(TOF700) = -0.036614









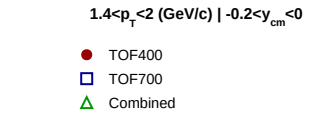


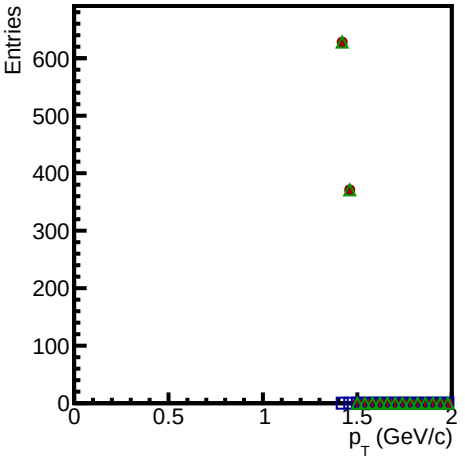
Mean p_T(TOF400) = 1.086696

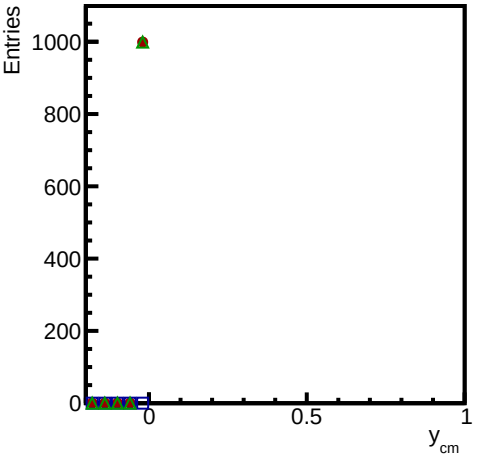
Mean p_T(TOF700) = 0.000000

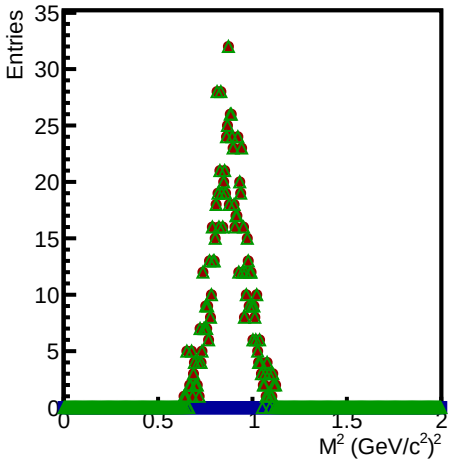
Mean y_{cm}(TOF400) = -0.048678

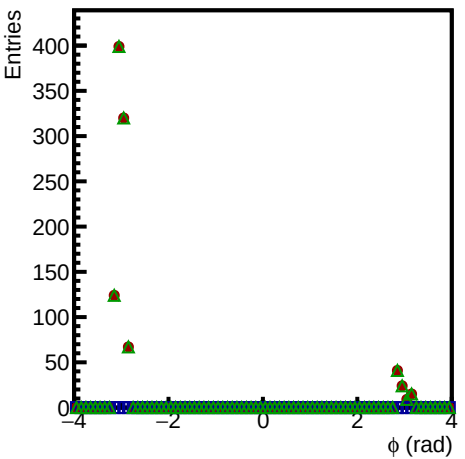
Mean y_{cm}(TOF700) = 0.000000









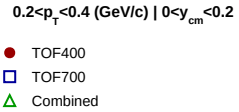


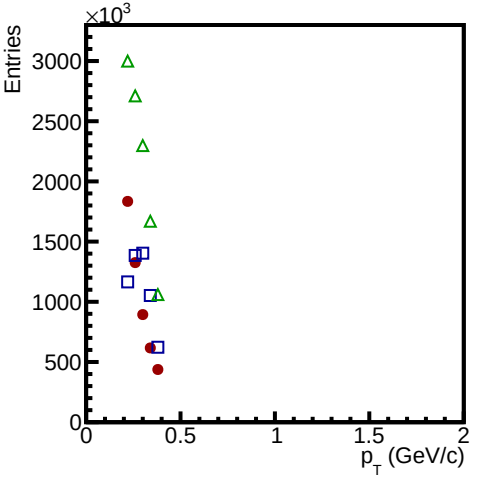
Mean p_T(TOF400) = 1.434855

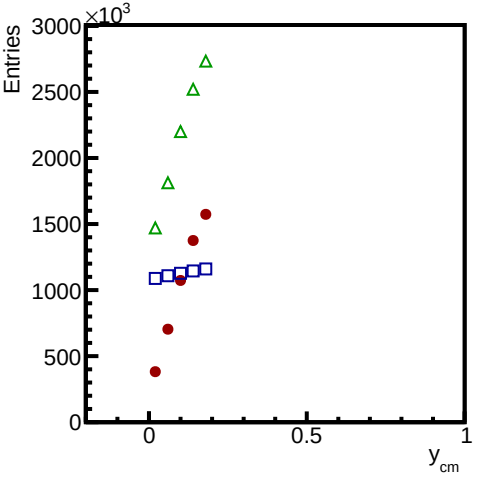
Mean p_T(TOF700) = 0.000000

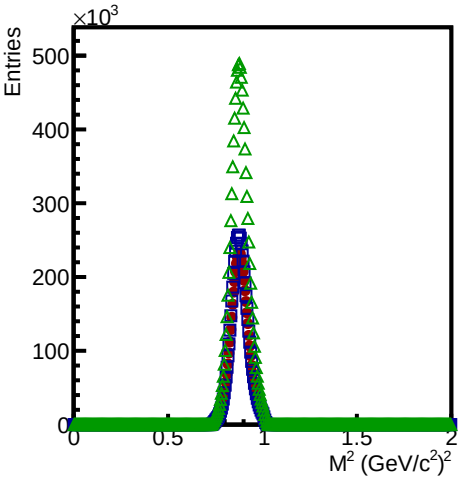
Mean y_{cm}(TOF400) = -0.020000

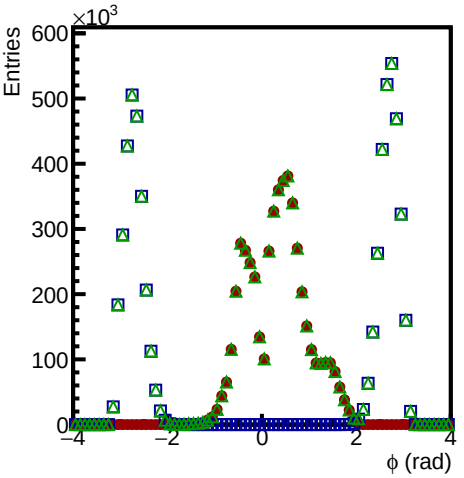
Mean y_{cm}(TOF700) = 0.000000









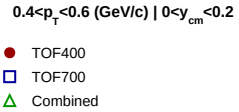


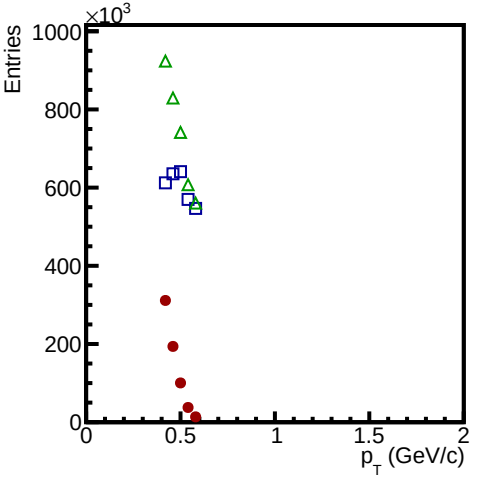
Mean p_T(TOF400) = 0.272579

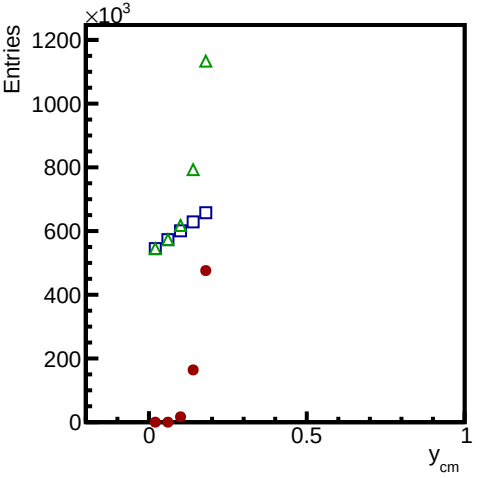
Mean p_T(TOF700) = 0.289921

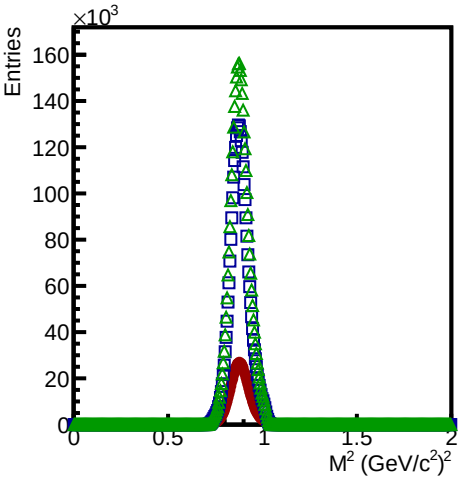
Mean y_{cm}(TOF400) = 0.123914

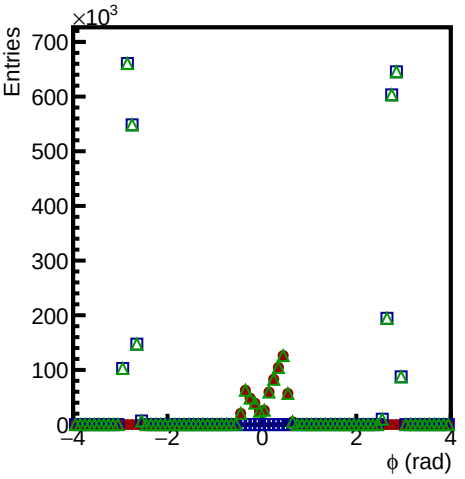
Mean y_{cm}(TOF700) = 0.101278









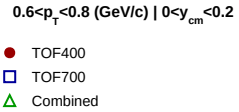


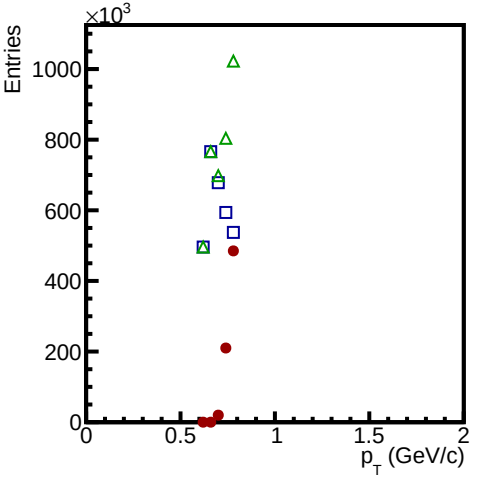
Mean p_T(TOF400) = 0.454224

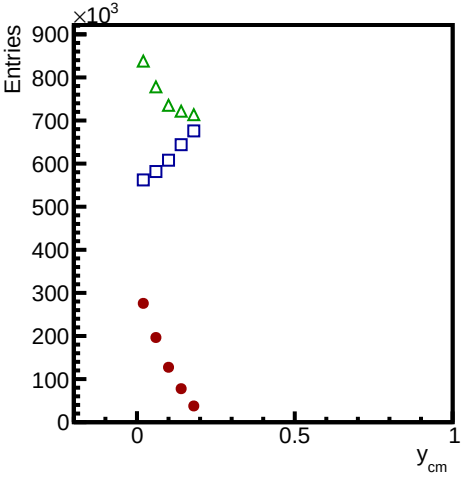
Mean p_T(TOF700) = 0.497386

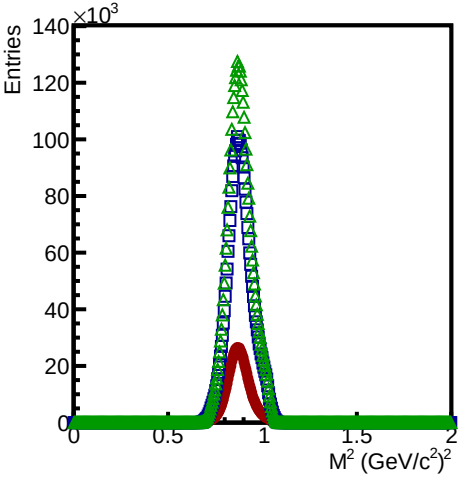
Mean y_{cm}(TOF400) = 0.167961

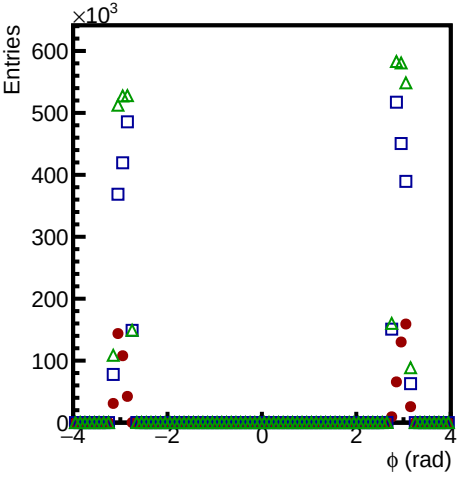
Mean y_{cm}(TOF700) = 0.103739









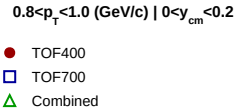


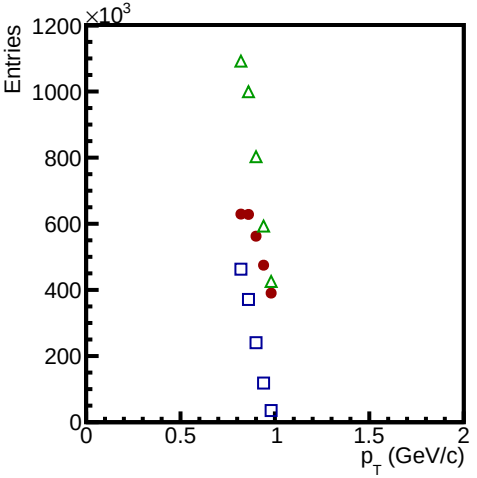
Mean p_T(TOF400) = 0.766025

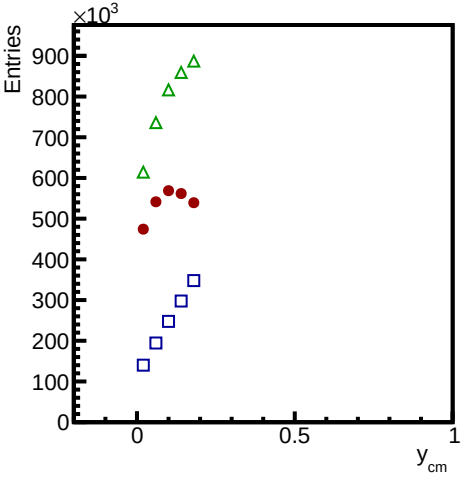
Mean p_T(TOF700) = 0.698837

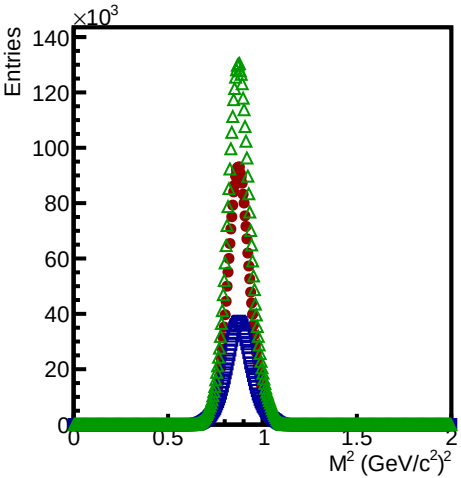
Mean y_{cm}(TOF400) = 0.066716

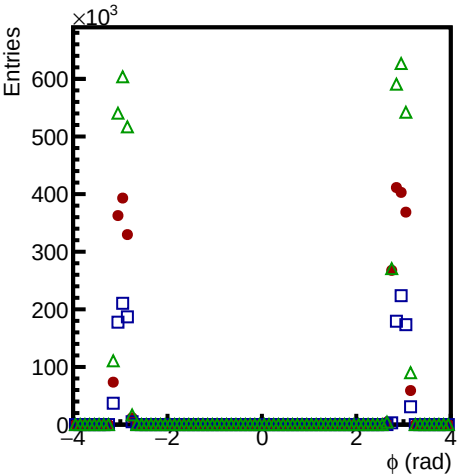
Mean y_{cm}(TOF700) = 0.103774









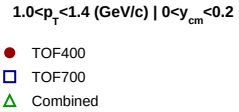


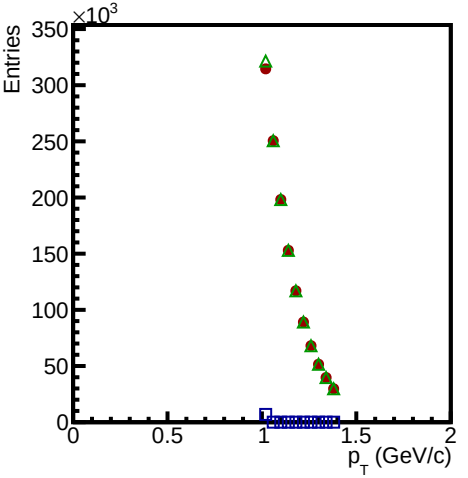
Mean p_T(TOF400) = 0.890597

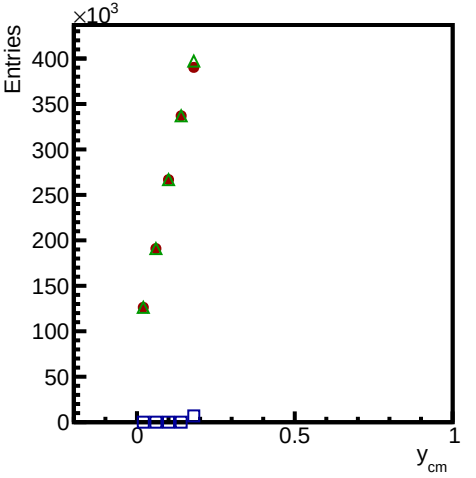
Mean p_T(TOF700) = 0.863906

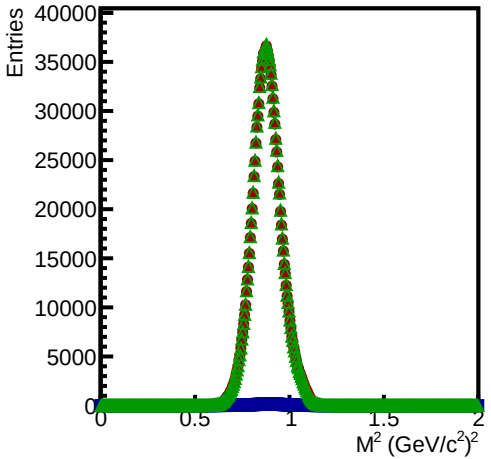
Mean y_{cm}(TOF400) = 0.102236

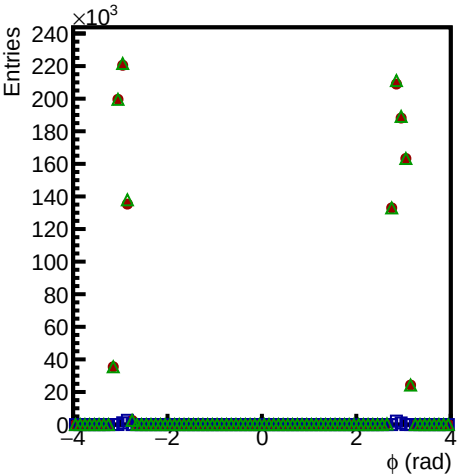
Mean y_{cm}(TOF700) = 0.116902









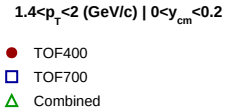


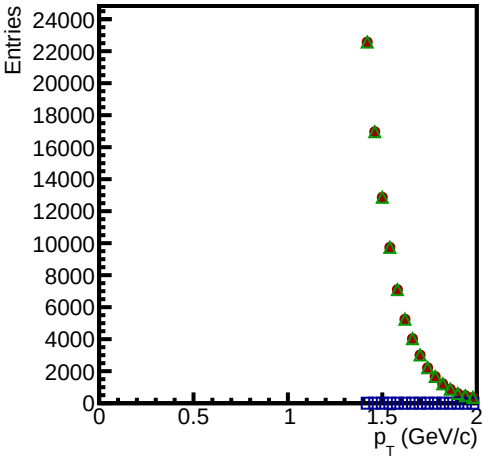
Mean p_T(TOF400) = 1.122896

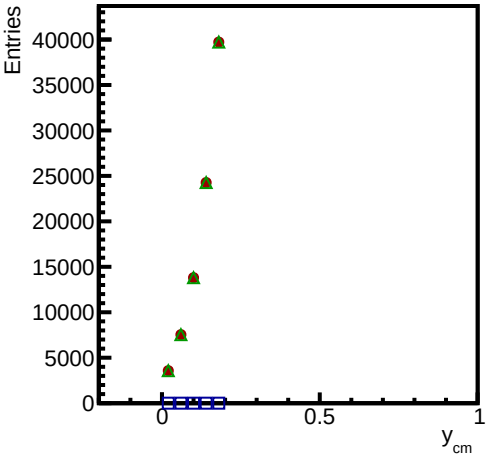
Mean p_T(TOF700) = 1.020000

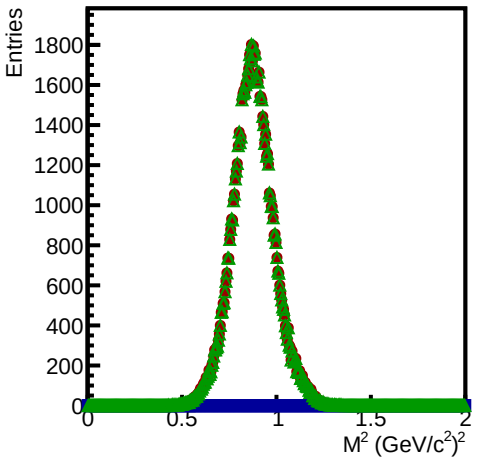
Mean y_{cm}(TOF400) = 0.120562

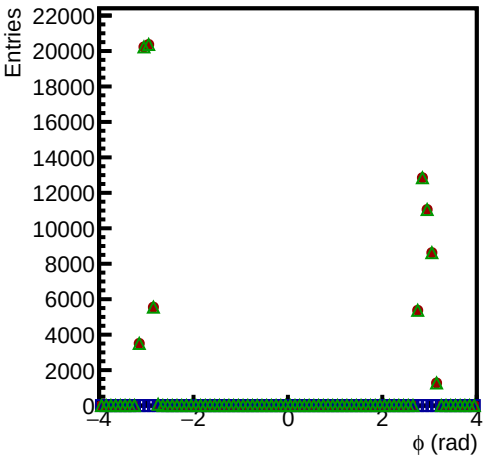
Mean y_{cm}(TOF700) = 0.180000









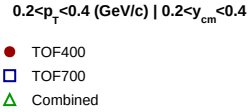


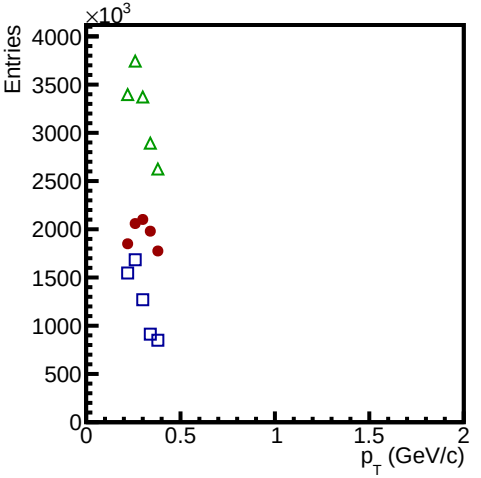
Mean p_T(TOF400) = 1.529968

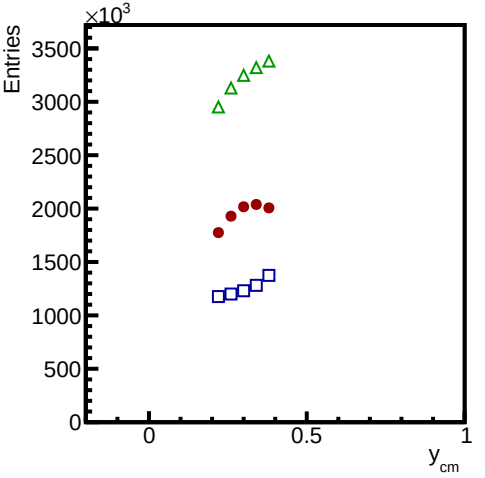
Mean p_T(TOF700) = 0.000000

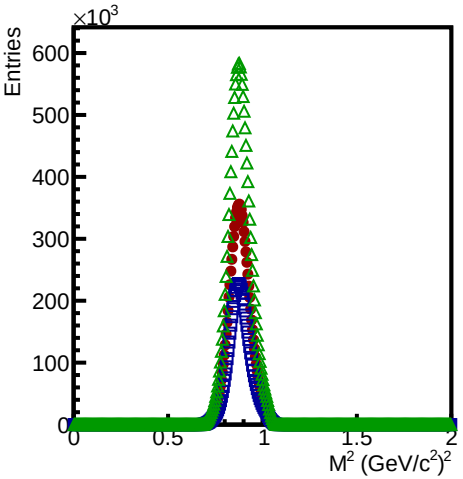
Mean y_{cm}(TOF400) = 0.140055

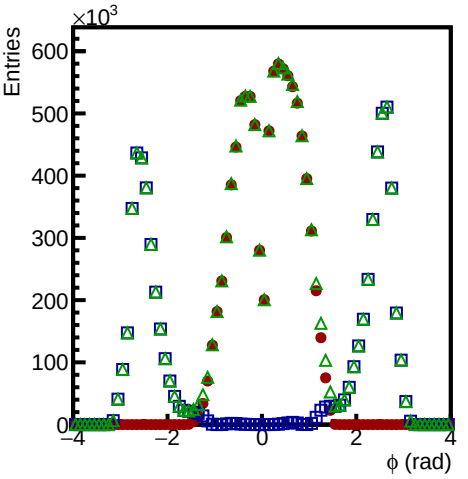
Mean y_{cm}(TOF700) = 0.000000









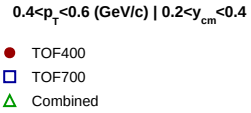


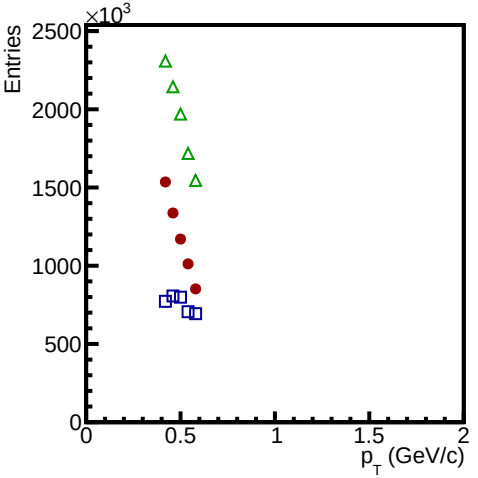
Mean p_T(TOF400) = 0.299063

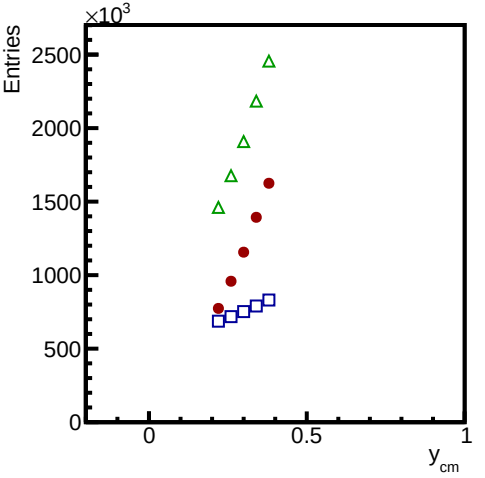
Mean p_T(TOF700) = 0.286166

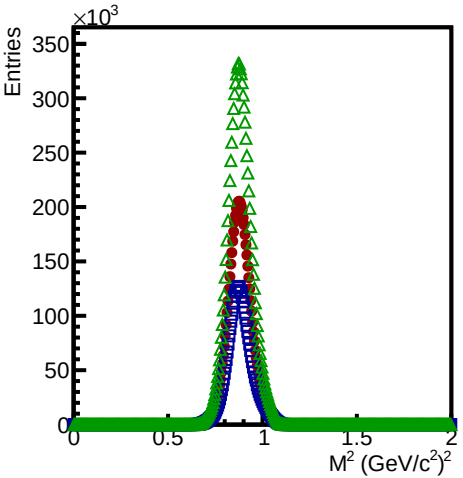
Mean y_{cm}(TOF400) = 0.302342

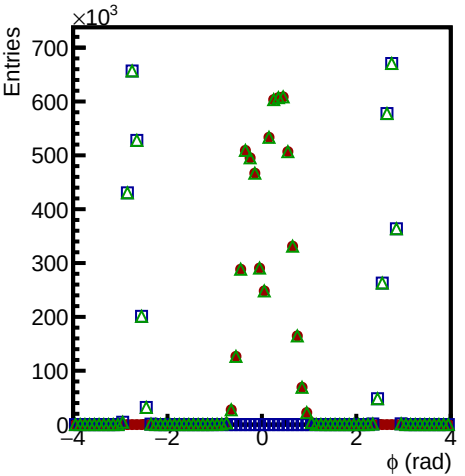
Mean y_{cm}(TOF700) = 0.303054









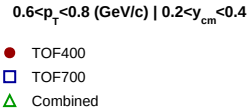


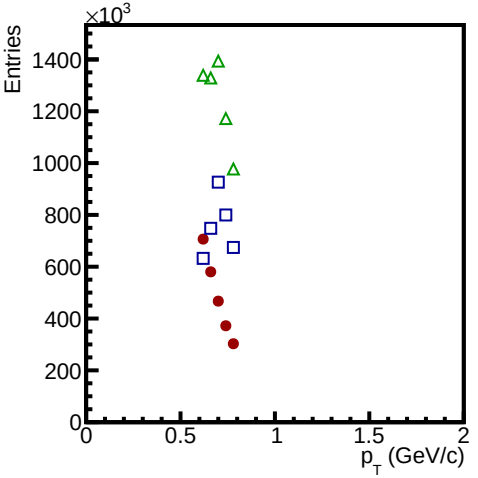
Mean p_T(TOF400) = 0.488538

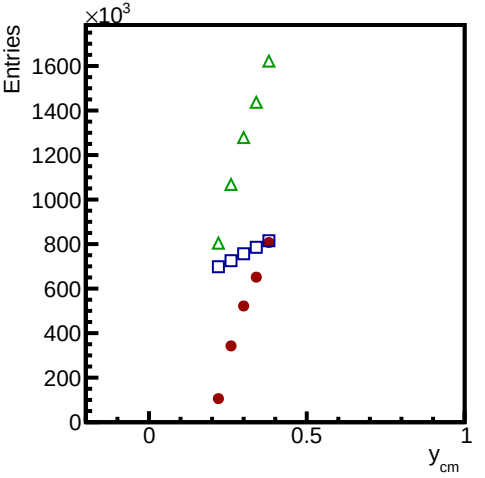
Mean p_T(TOF700) = 0.497266

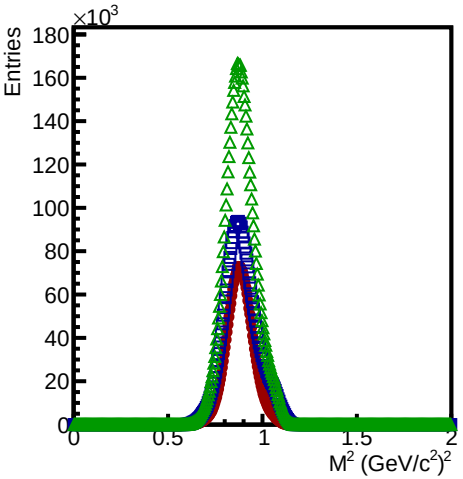
Mean y_{cm}(TOF400) = 0.314472

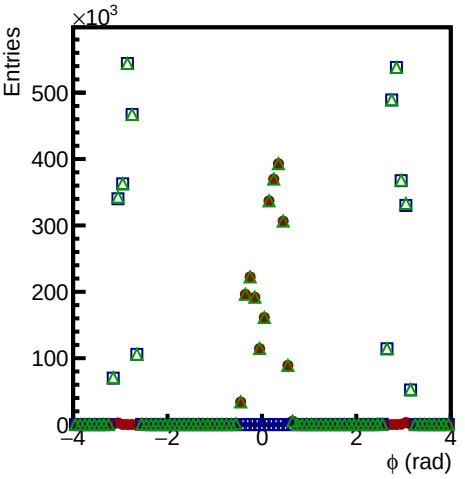
Mean y_{cm}(TOF700) = 0.303813









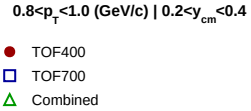


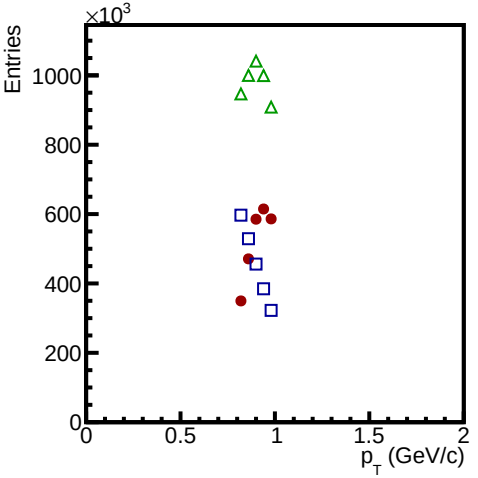
Mean p_T(TOF400) = 0.683274

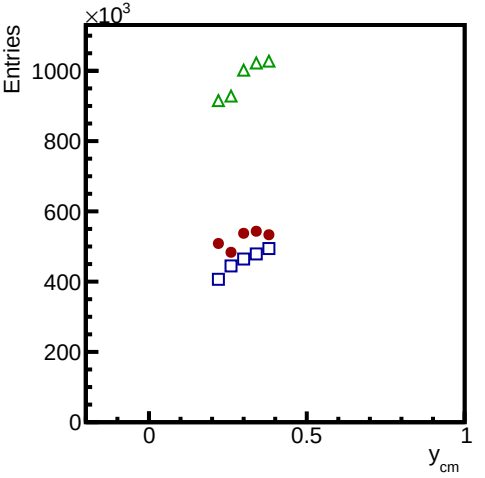
Mean p_T(TOF700) = 0.701437

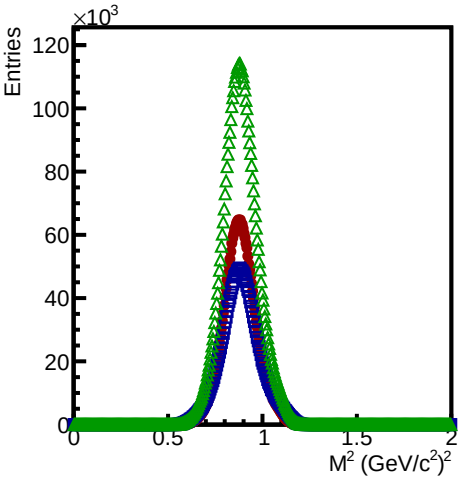
Mean y_{cm}(TOF400) = 0.328179

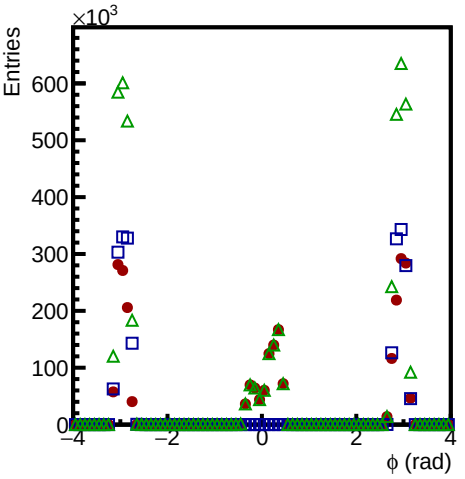
Mean y_{cm}(TOF700) = 0.303105









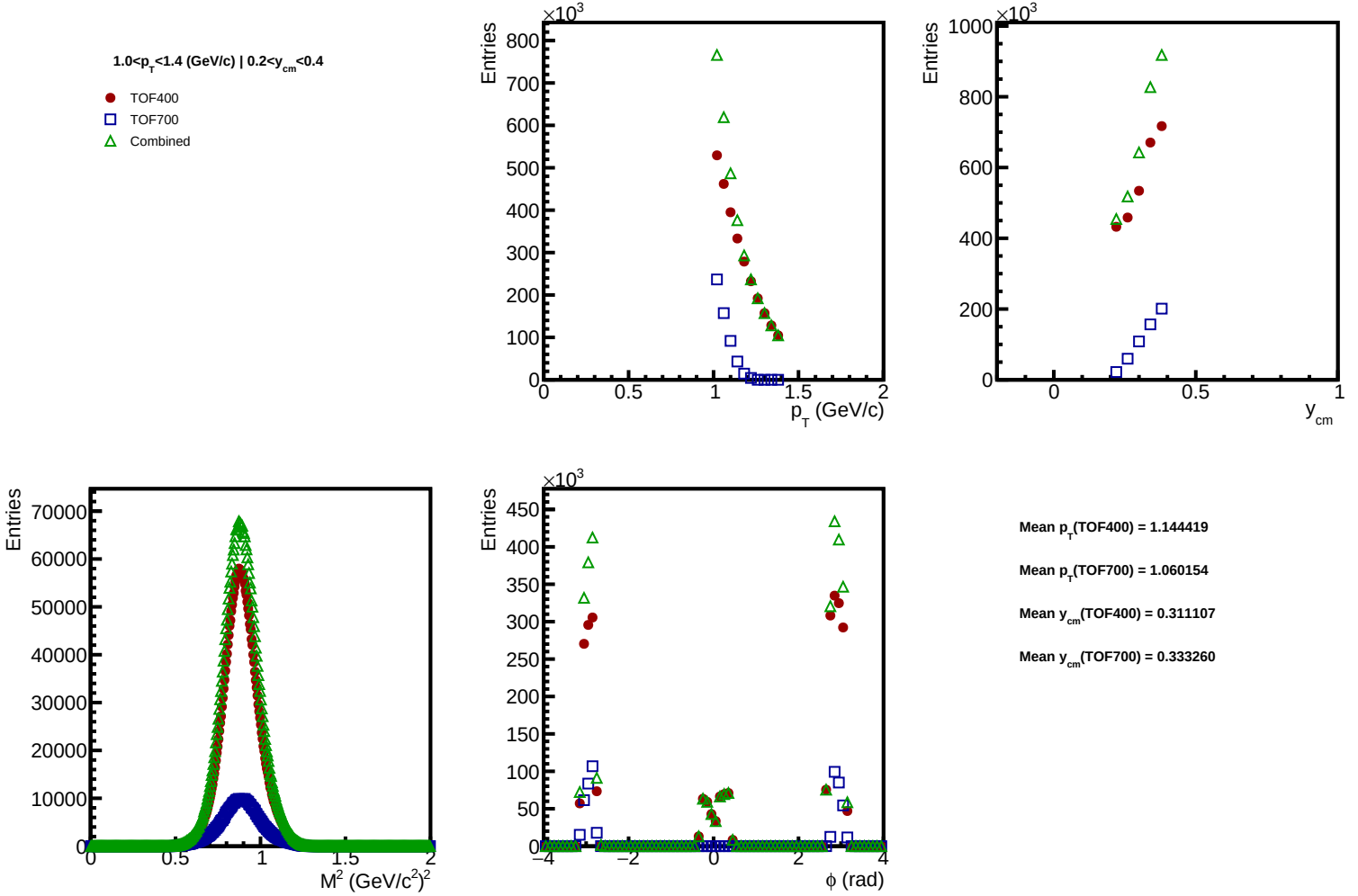


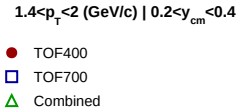
Mean p_T(TOF400) = 0.909466

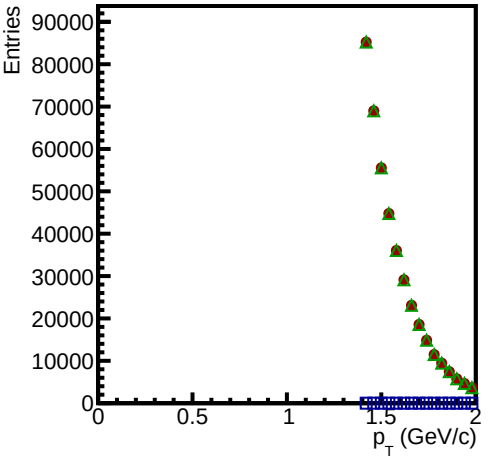
Mean p_T(TOF700) = 0.887882

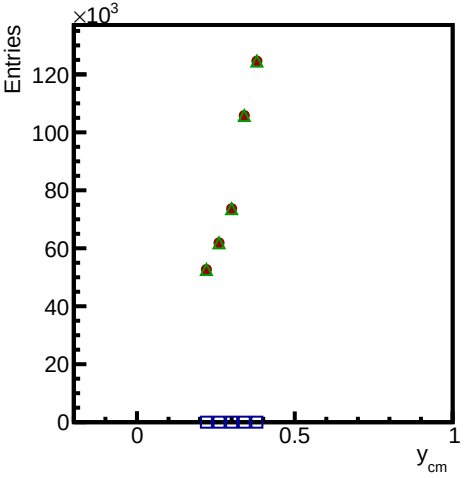
Mean y_{cm}(TOF400) = 0.301682

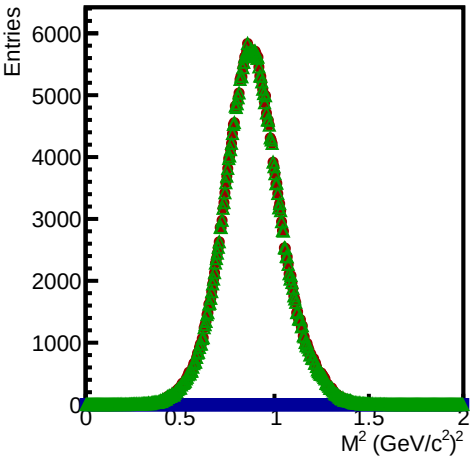
Mean y_{cm}(TOF700) = 0.303657

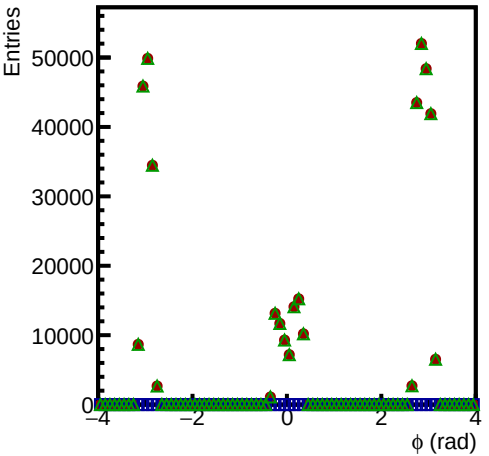

1.0<p_T<1.4 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.144419
Mean p_T(TOF700) = 1.060154
Mean y_cm(TOF400) = 0.311107
Mean y_cm(TOF700) = 0.333260









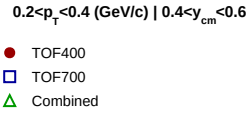


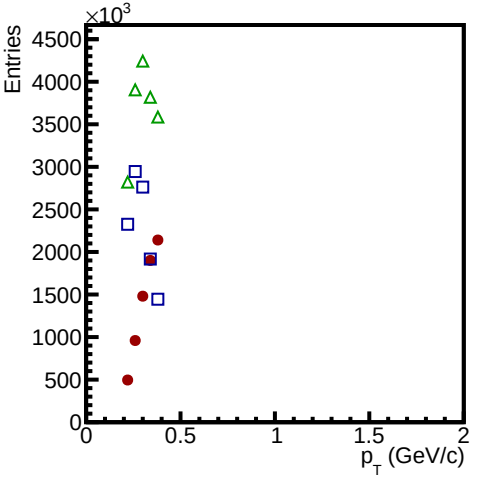
Mean p_T(TOF400) = 1.558698

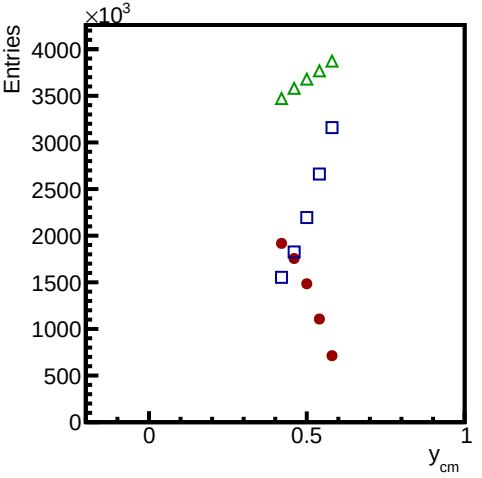
Mean p_T(TOF700) = 0.000000

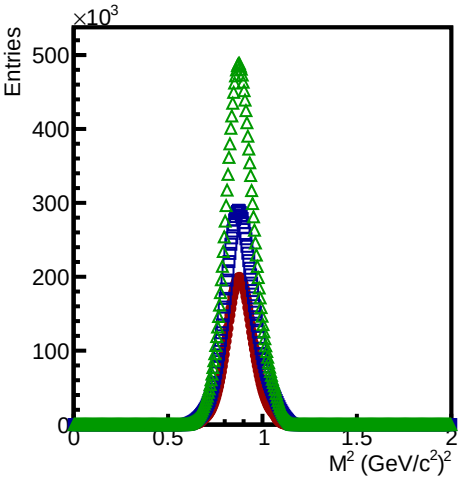
Mean y_{cm}(TOF400) = 0.317943

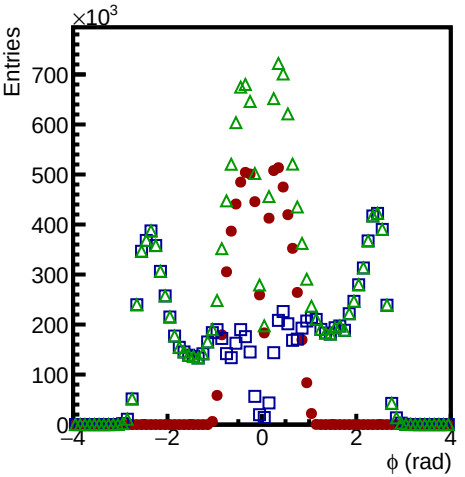
Mean y_{cm}(TOF700) = 0.000000









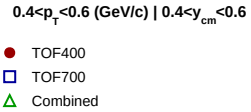


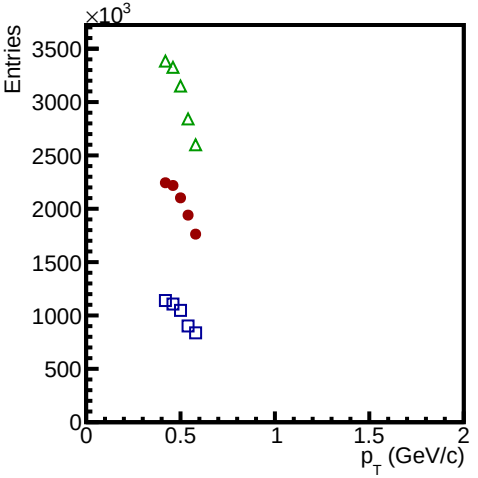
Mean p_T(TOF400) = 0.324259

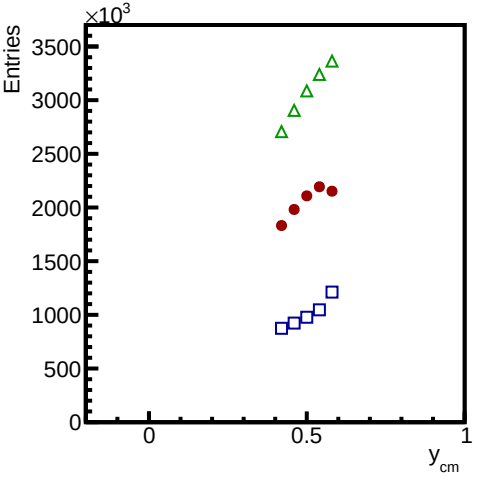
Mean p_T(TOF700) = 0.290207

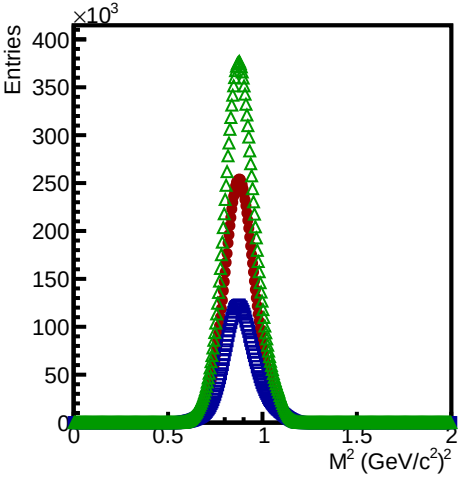
Mean y_{cm}(TOF400) = 0.482467

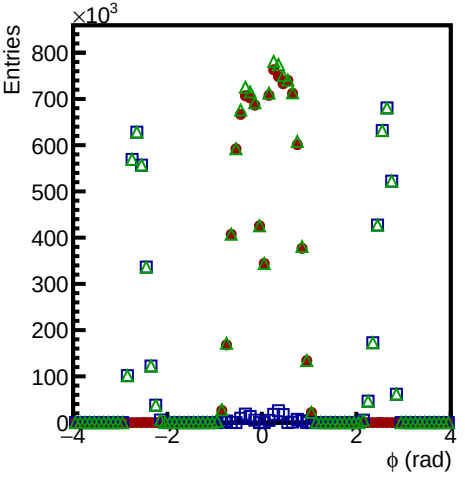
Mean y_{cm}(TOF700) = 0.514210









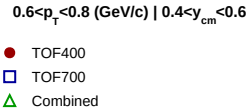


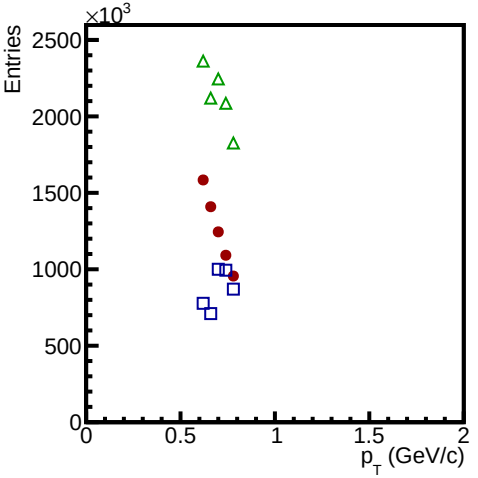
Mean p_T(TOF400) = 0.495166

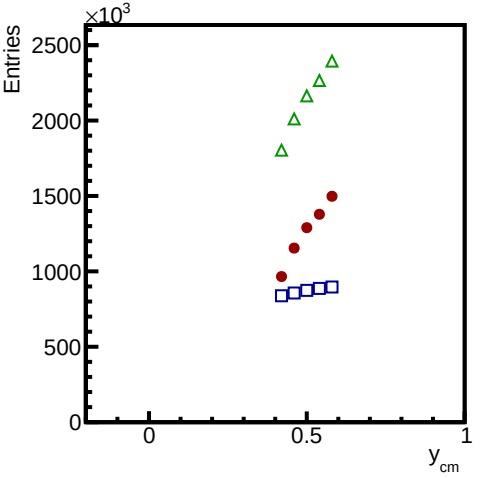
Mean p_T(TOF700) = 0.493555

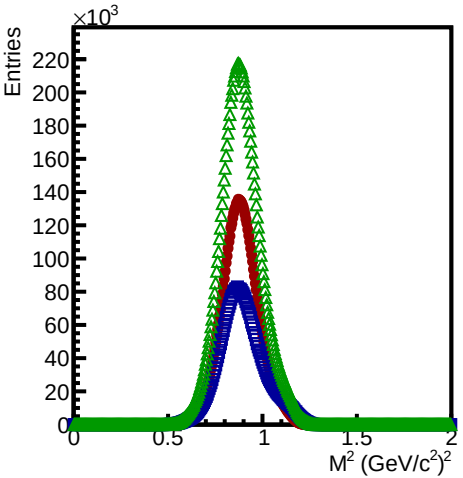
Mean y_{cm}(TOF400) = 0.503317

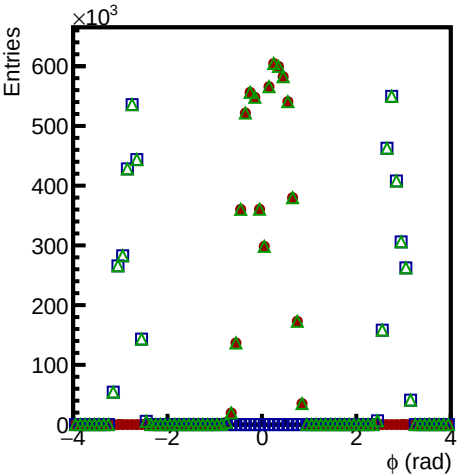
Mean y_{cm}(TOF700) = 0.506344









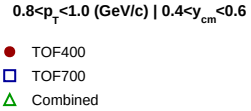


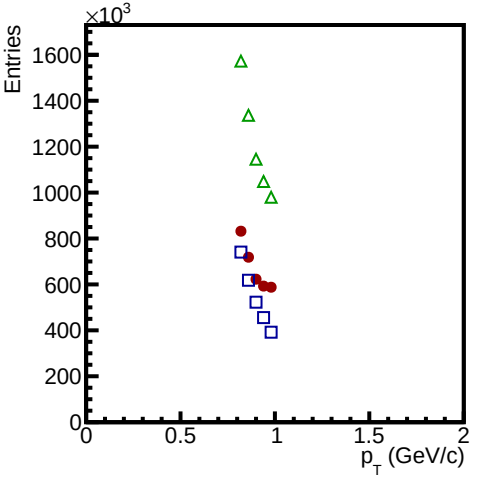
Mean p_T(TOF400) = 0.689982

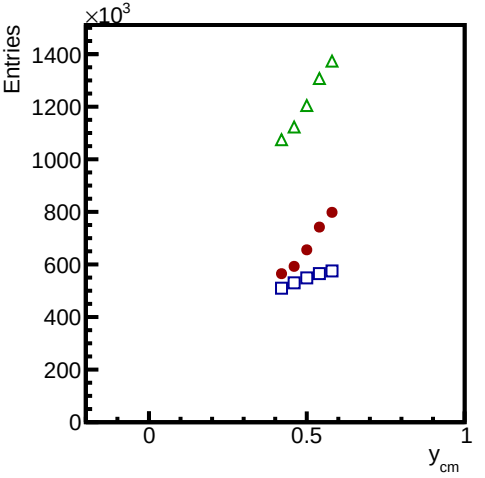
Mean p_T(TOF700) = 0.704313

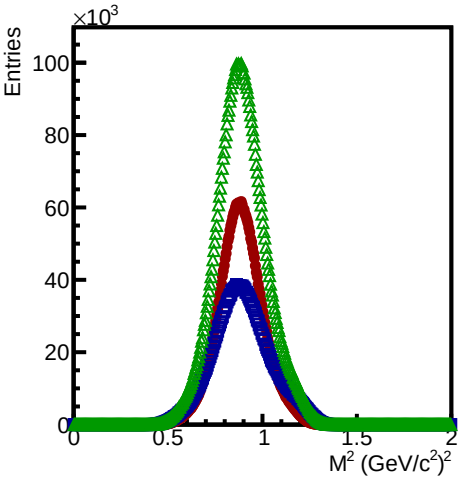
Mean y_{cm}(TOF400) = 0.508200

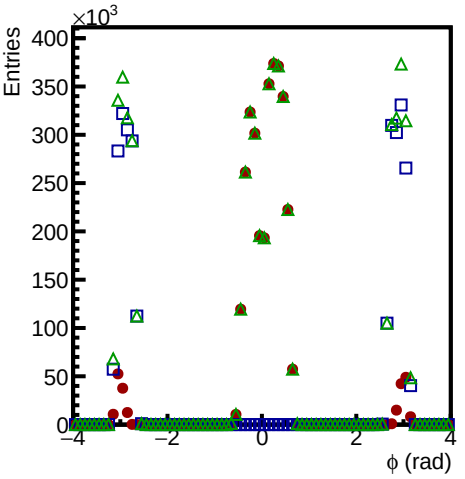
Mean y_{cm}(TOF700) = 0.501347









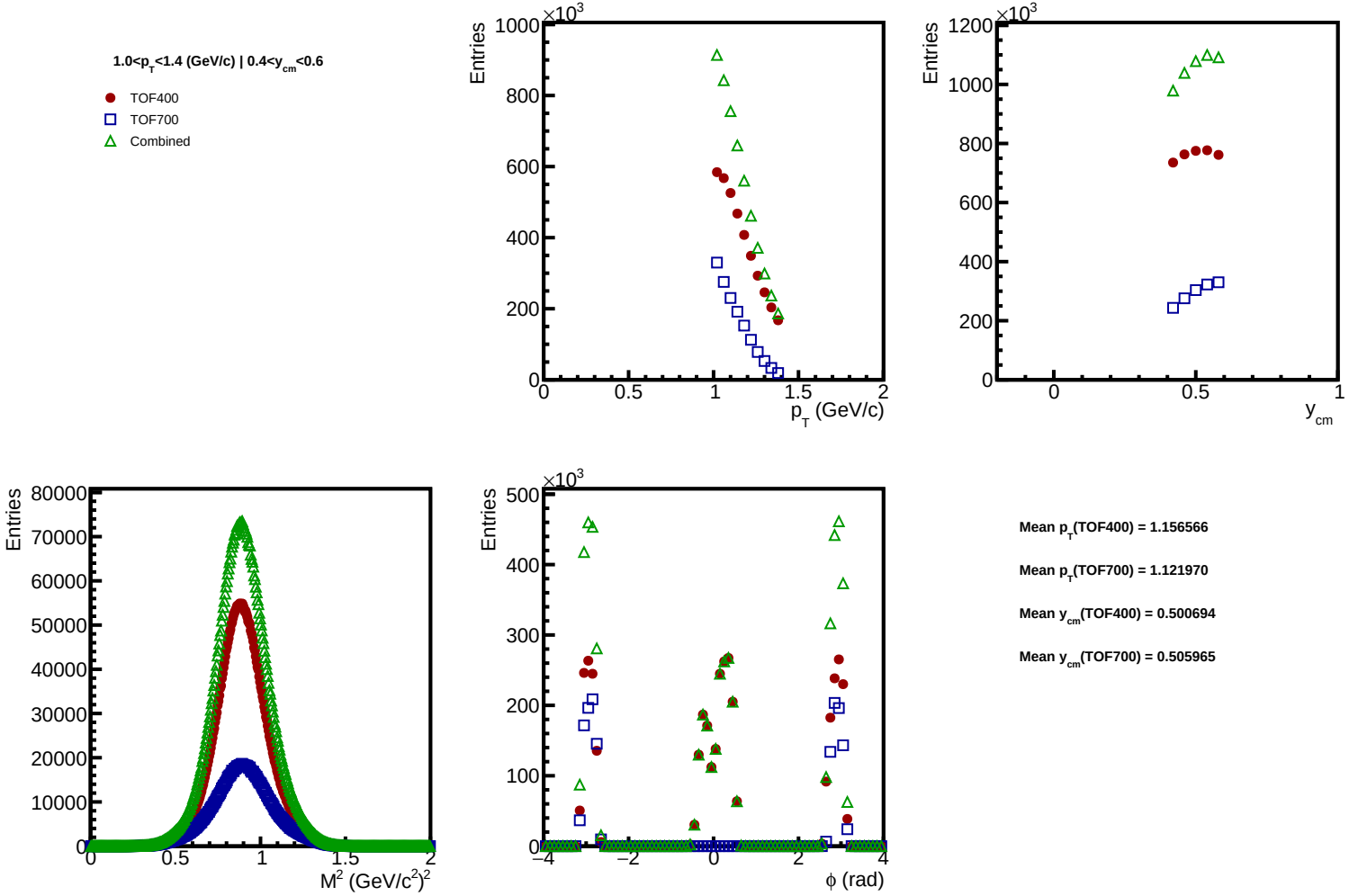


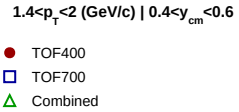
Mean p_T(TOF400) = 0.892679

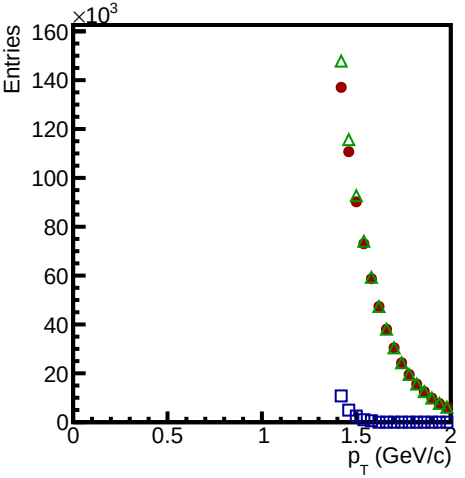
Mean p_T(TOF700) = 0.887388

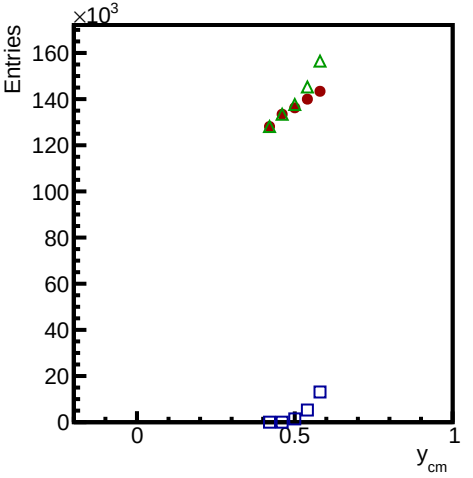
Mean y_{cm}(TOF400) = 0.507347

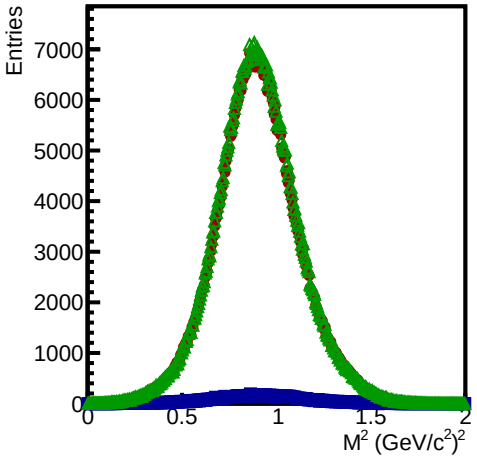
Mean y_{cm}(TOF700) = 0.502440

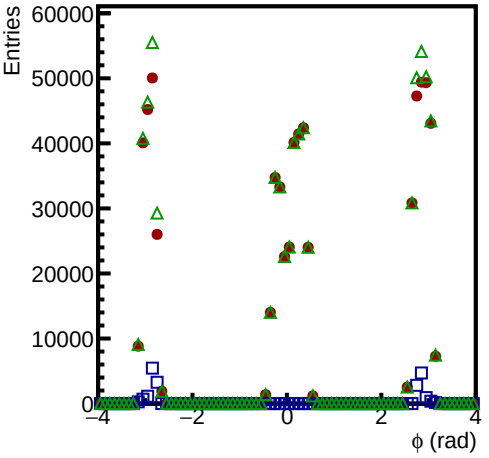

1.0<p_T<1.4 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.156566
Mean p_T(TOF700) = 1.121970
Mean y_cm(TOF400) = 0.500694
Mean y_cm(TOF700) = 0.505965









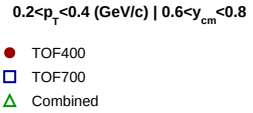


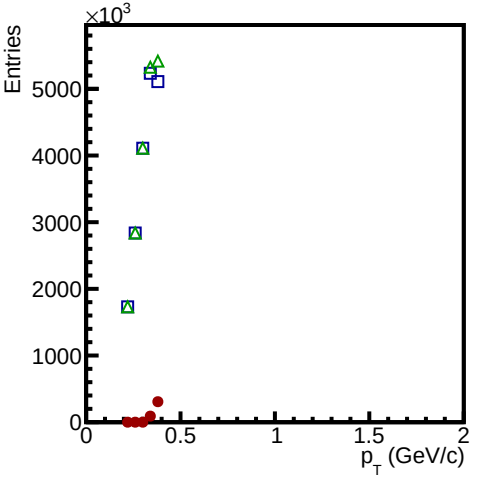
Mean p_T(TOF400) = 1.560383

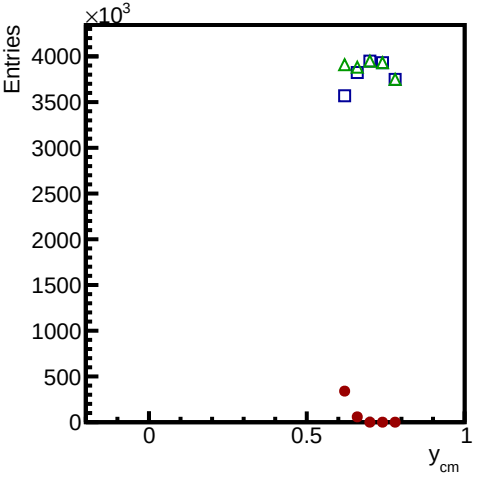
Mean p_T(TOF700) = 1.450875

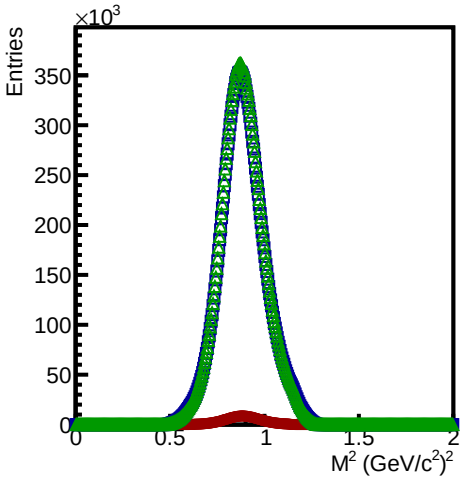
Mean y_{cm}(TOF400) = 0.502179

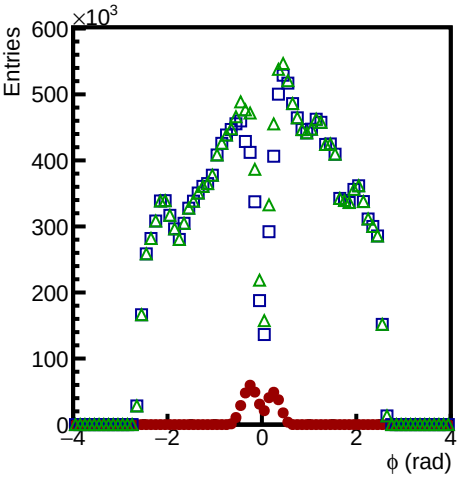
Mean y_{cm}(TOF700) = 0.563597









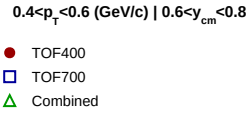


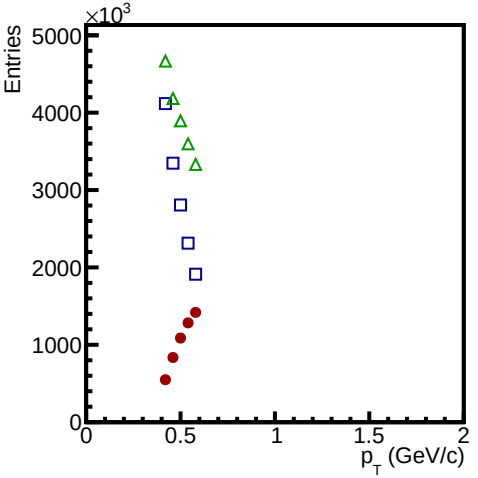
Mean p_T(TOF400) = 0.370879

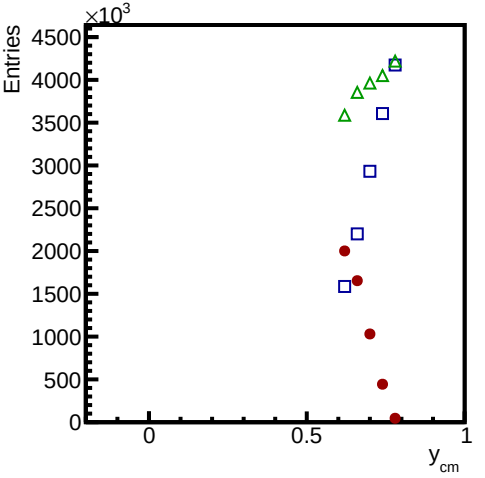
Mean p_T(TOF700) = 0.319251

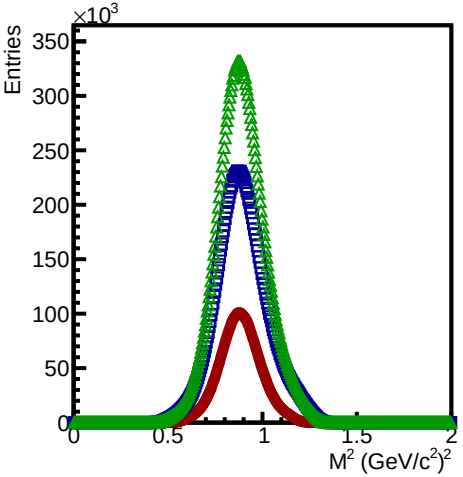
Mean y_{cm}(TOF400) = 0.625847

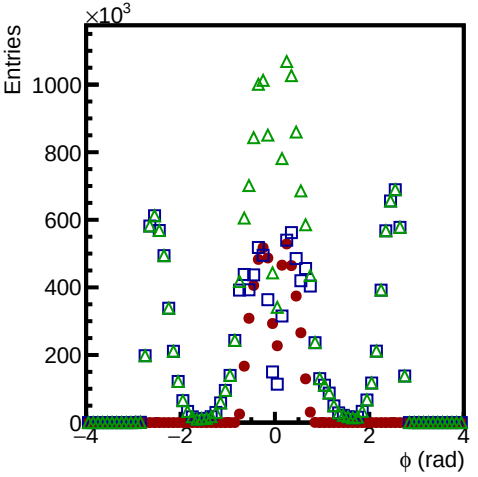
Mean y_{cm}(TOF700) = 0.700979









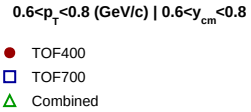


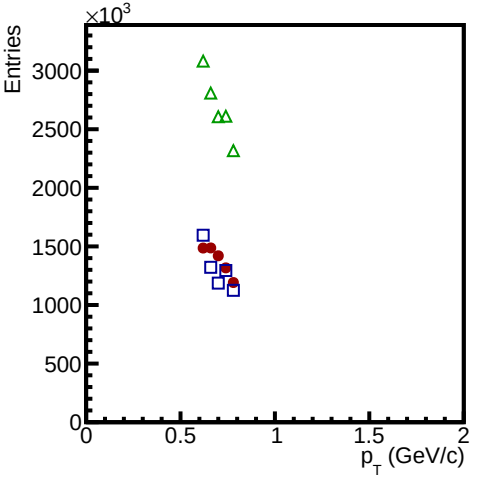
Mean p_T(TOF400) = 0.516906

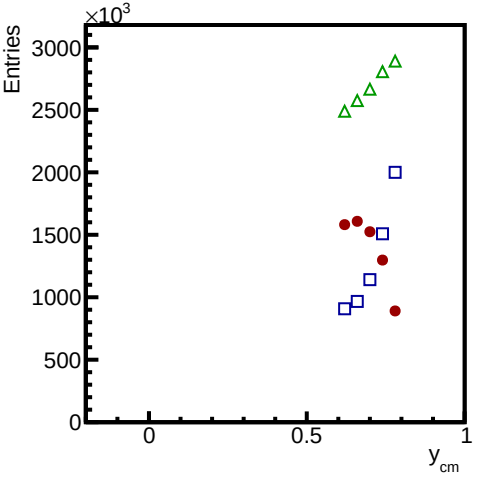
Mean p_T(TOF700) = 0.484981

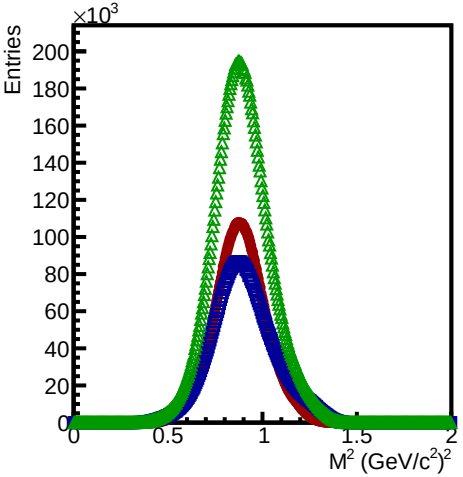
Mean y_{cm}(TOF400) = 0.660419

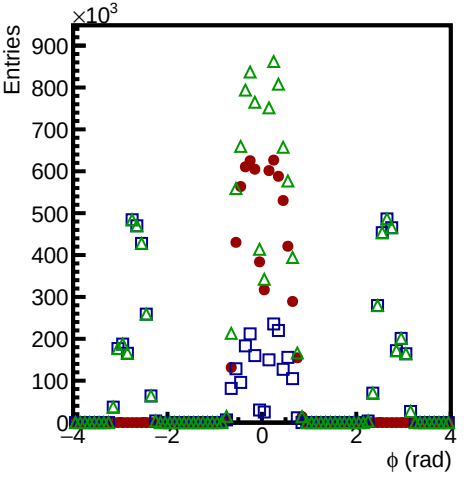
Mean y_{cm}(TOF700) = 0.718159









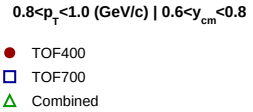


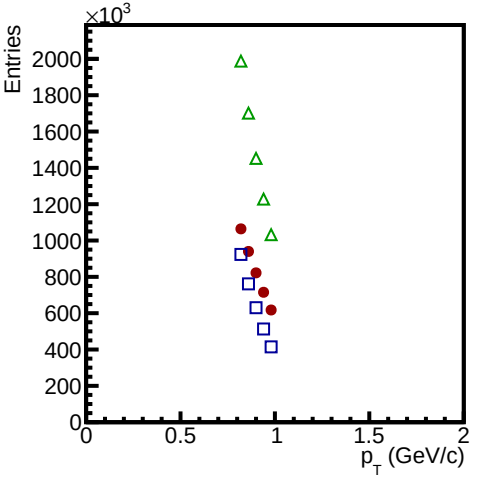
Mean p_T(TOF400) = 0.695603

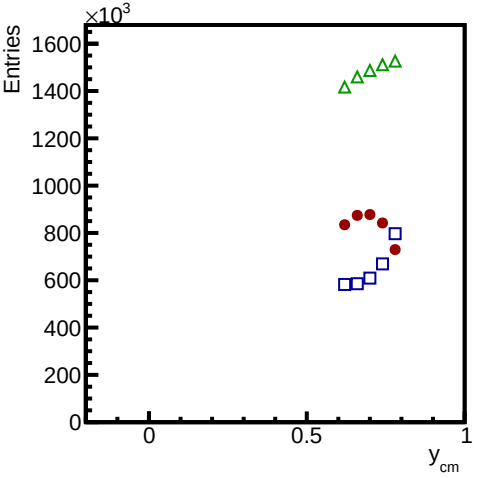
Mean p_T(TOF700) = 0.694068

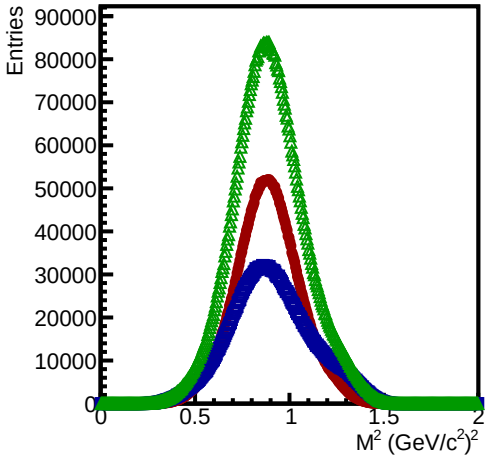
Mean y_{cm}(TOF400) = 0.690194

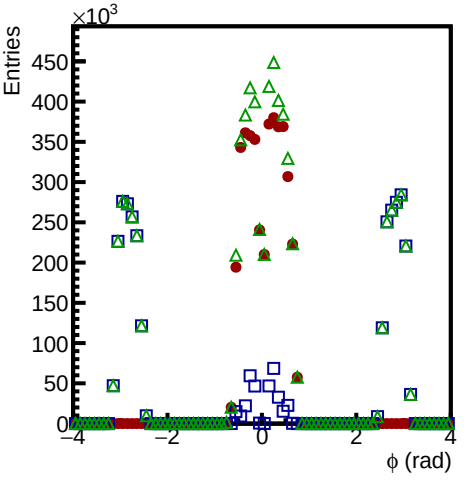
Mean y_{cm}(TOF700) = 0.716714









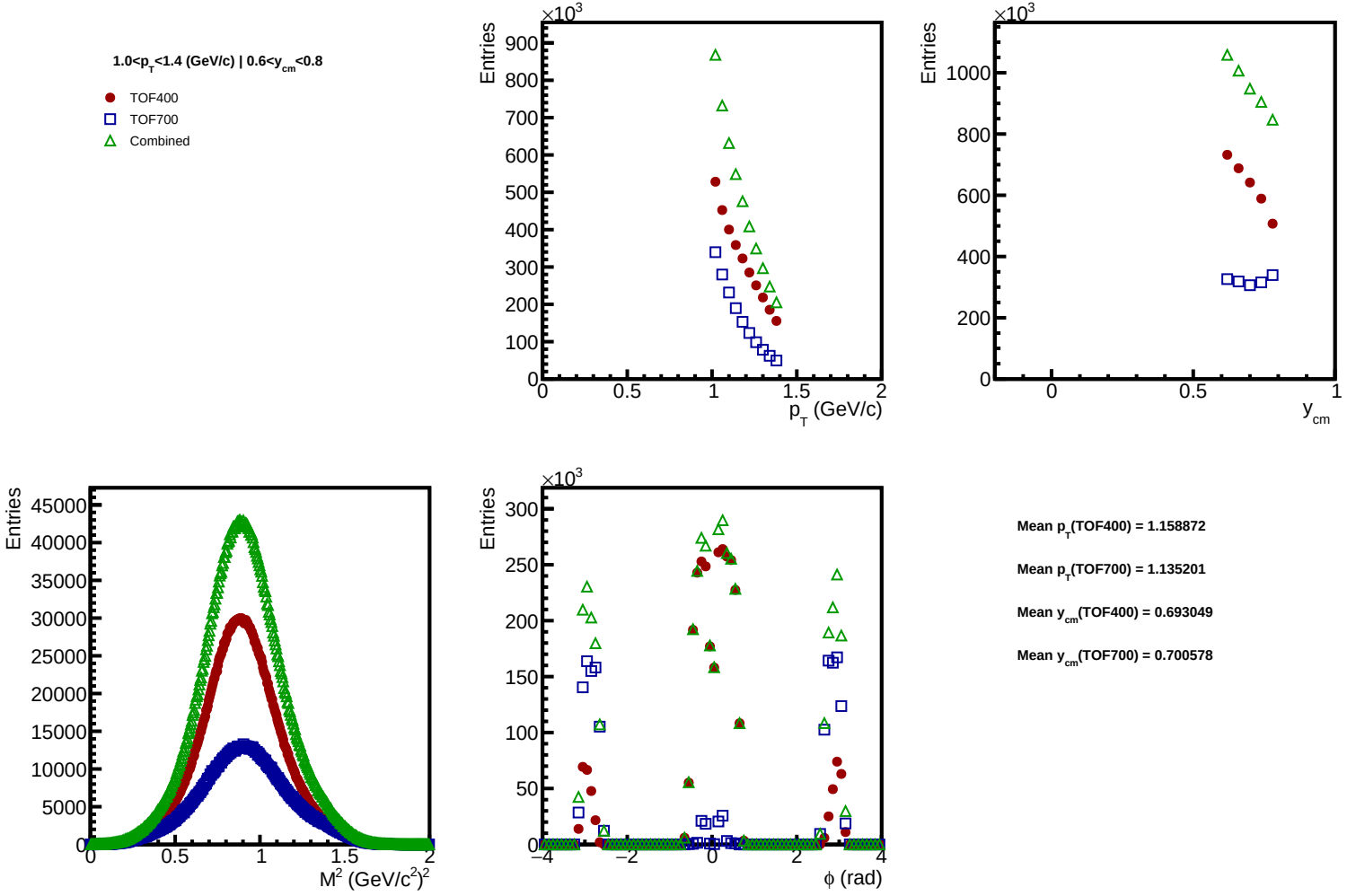


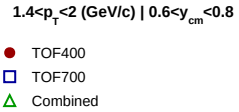
Mean p_T(TOF400) = 0.889246

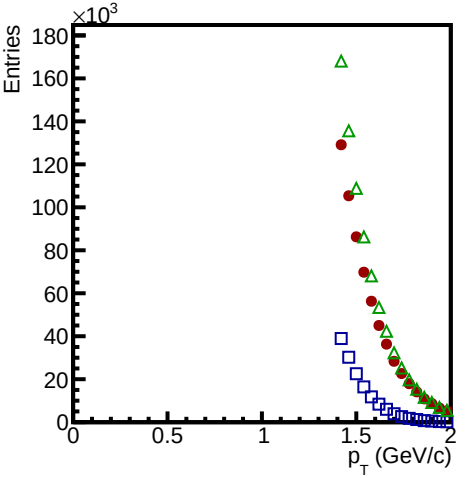
Mean p_T(TOF700) = 0.884381

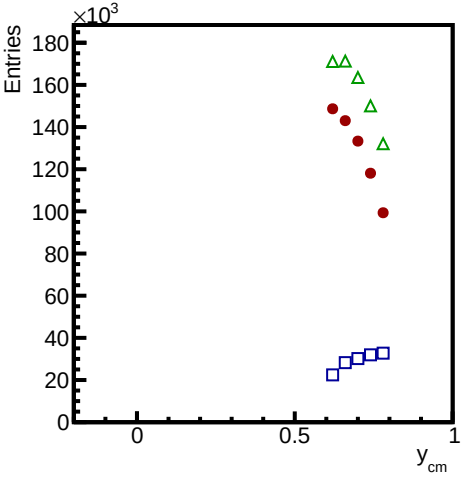
Mean y_{cm}(TOF400) = 0.697671

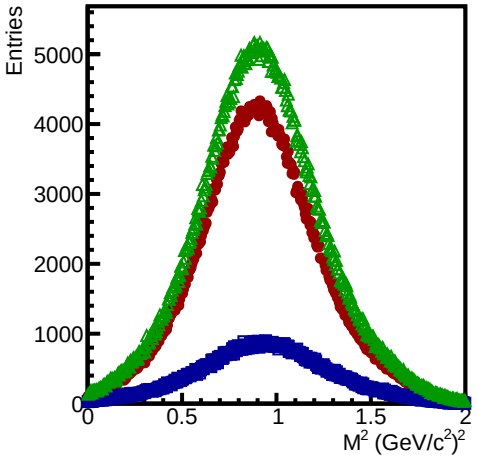
Mean y_{cm}(TOF700) = 0.706330

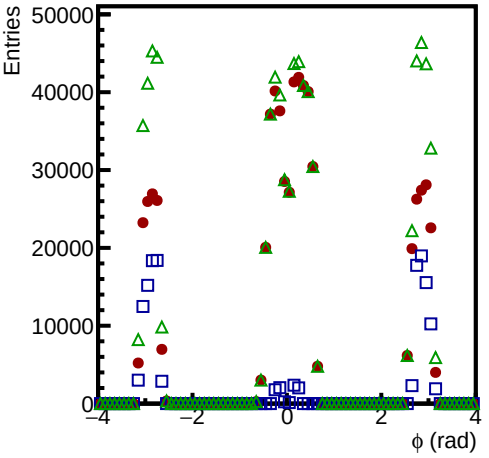

1.0<p_T<1.4 (GeV/c) | 0.6<y_cm<0.8
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.158872
Mean p_T(TOF700) = 1.135201
Mean y_cm(TOF400) = 0.693049
Mean y_cm(TOF700) = 0.700578









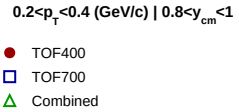


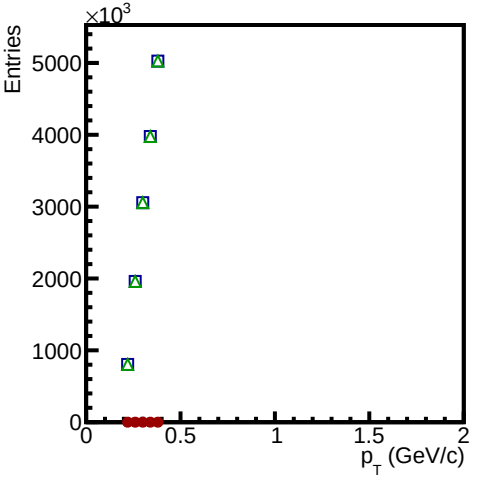
Mean p_T(TOF400) = 1.558191

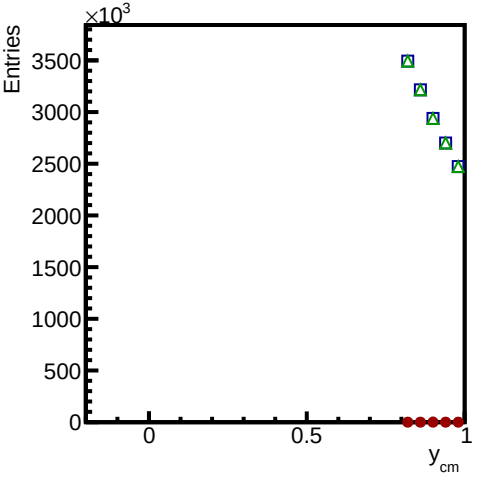
Mean p_T(TOF700) = 1.515329

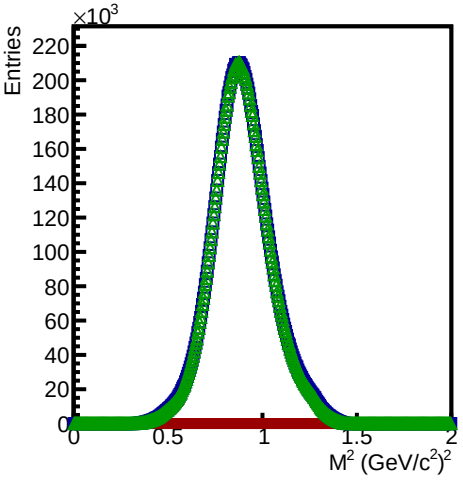
Mean y_{cm}(TOF400) = 0.692306

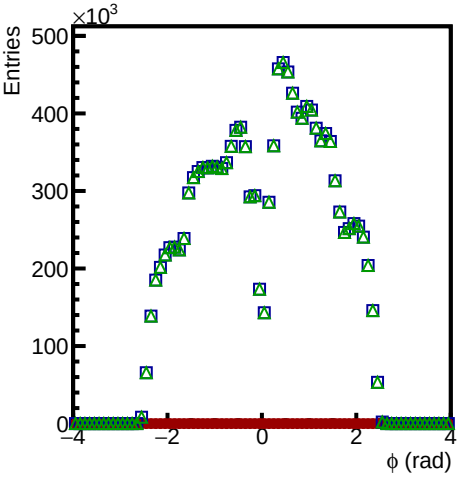
Mean y_{cm}(TOF700) = 0.706680









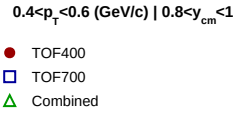


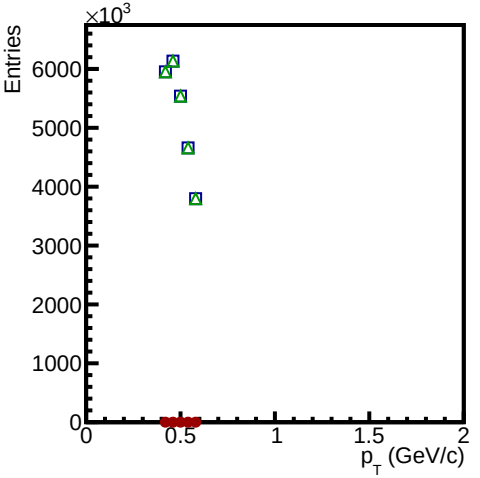
Mean p_T(TOF400) = 0.000000

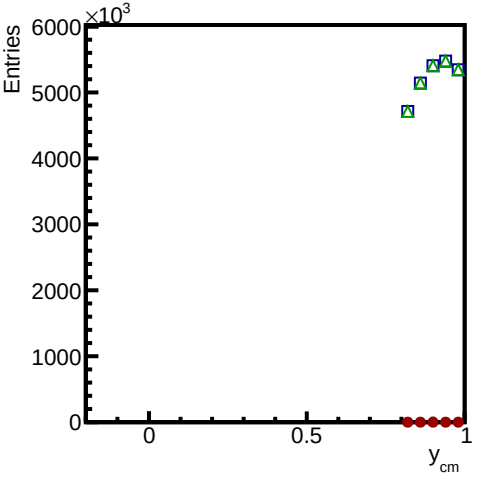
Mean p_T(TOF700) = 0.328238

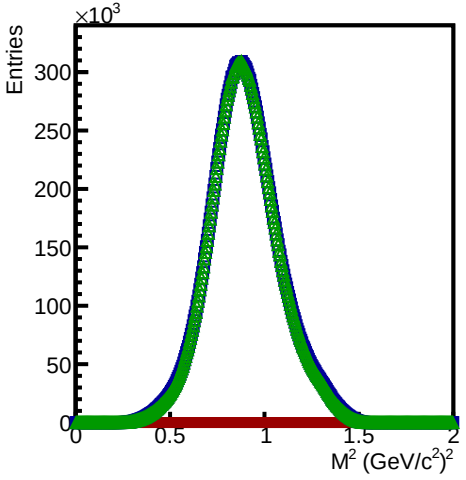
Mean y_{cm}(TOF400) = 0.000000

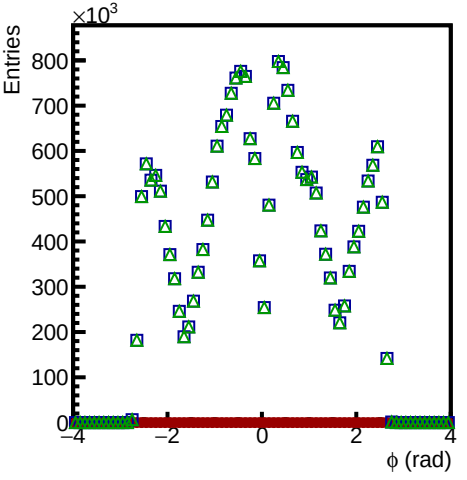
Mean y_{cm}(TOF700) = 0.893104









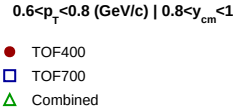


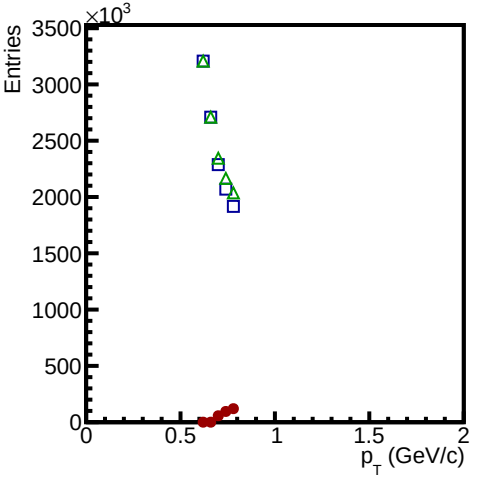
Mean p_T(TOF400) = 0.000000

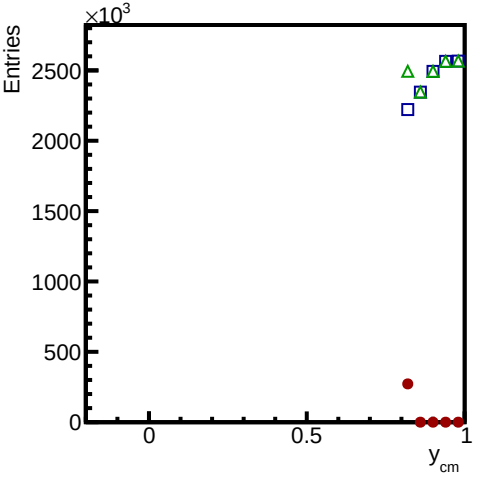
Mean p_T(TOF700) = 0.491128

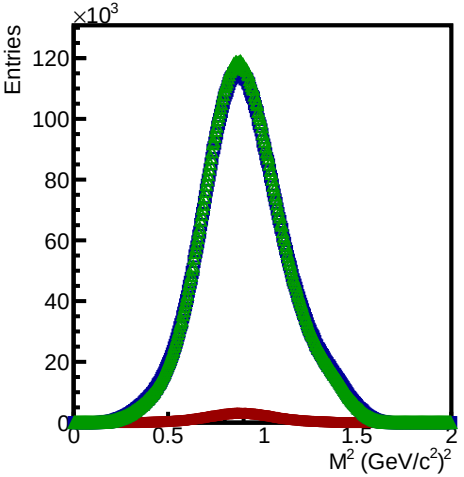
Mean y_{cm}(TOF400) = 0.000000

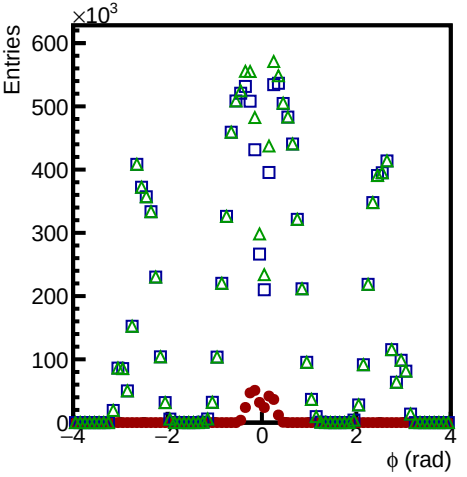
Mean y_{cm}(TOF700) = 0.902453









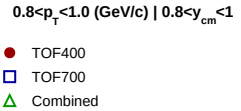


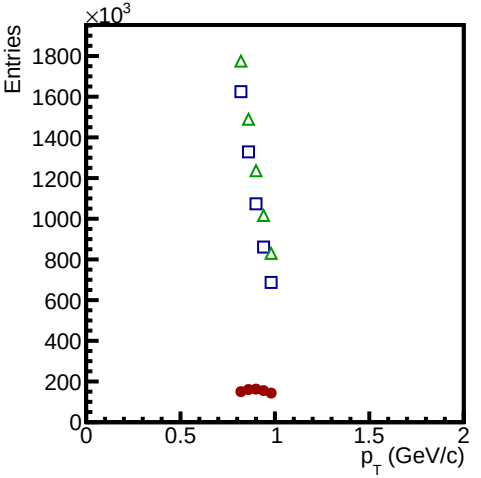
Mean p_T(TOF400) = 0.749273

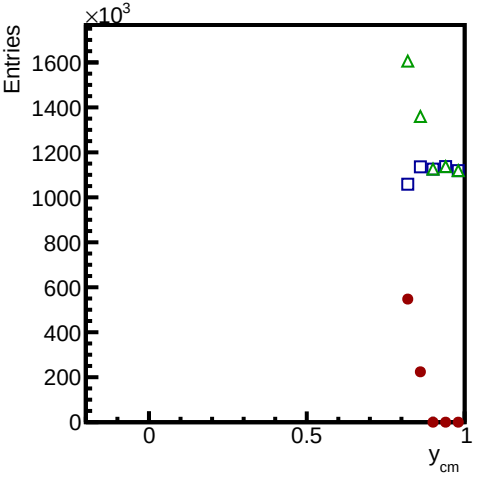
Mean p_T(TOF700) = 0.689436

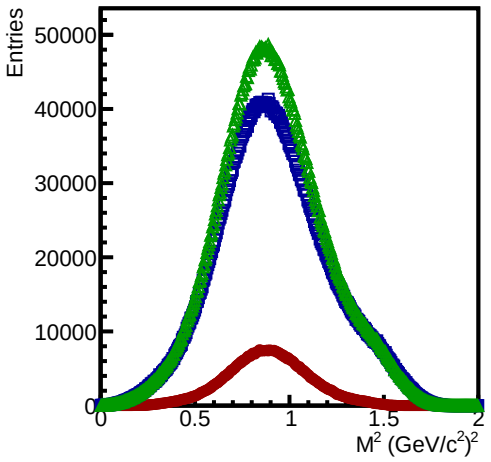
Mean y_{cm}(TOF400) = 0.820000

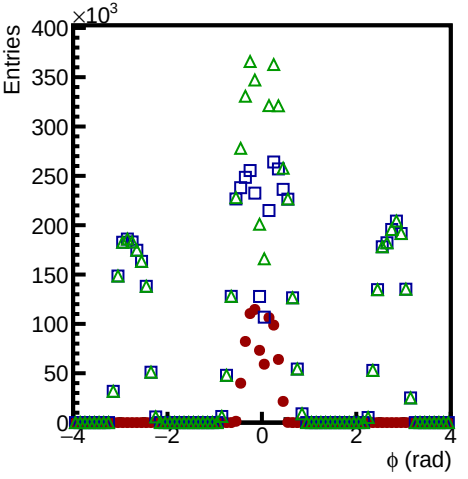
Mean y_{cm}(TOF700) = 0.902977









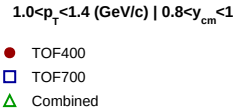


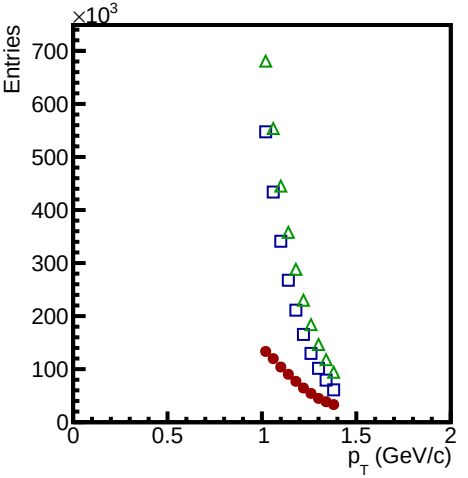
Mean p_T(TOF400) = 0.898991

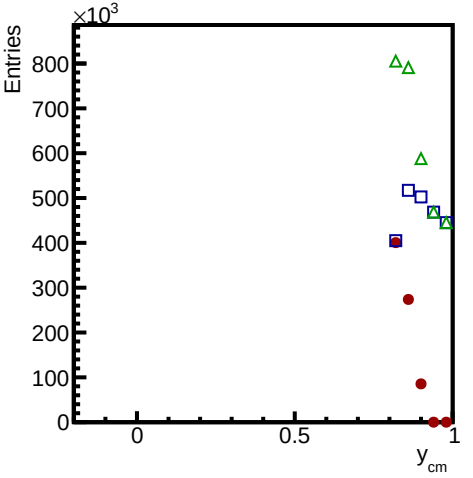
Mean p_T(TOF700) = 0.883185

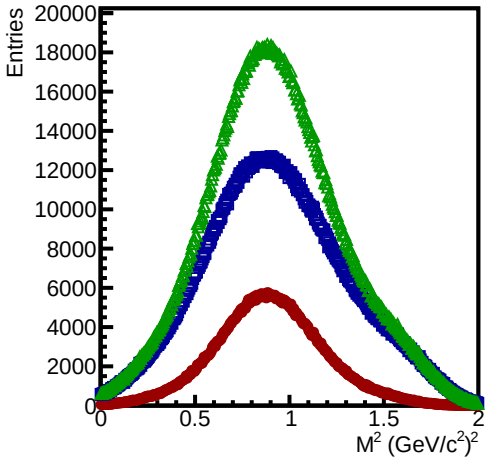
Mean y_{cm}(TOF400) = 0.831615

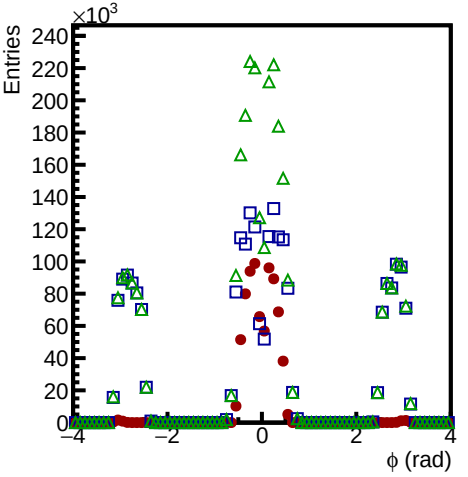
Mean y_{cm}(TOF700) = 0.900874









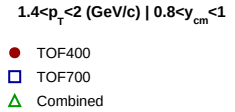


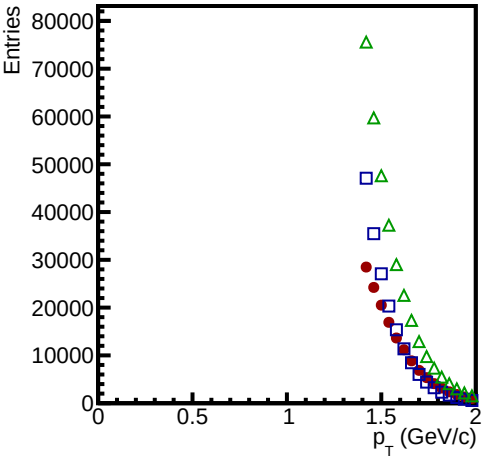
Mean p_T(TOF400) = 1.150350

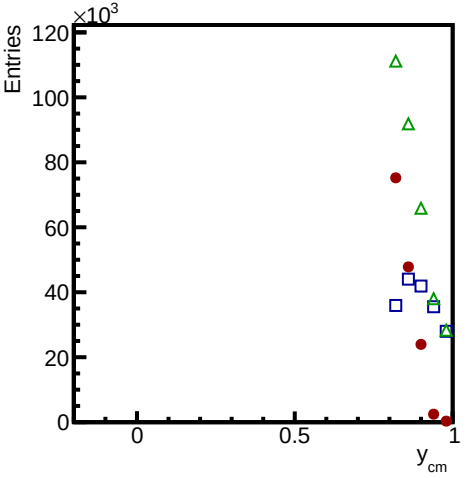
Mean p_T(TOF700) = 1.127136

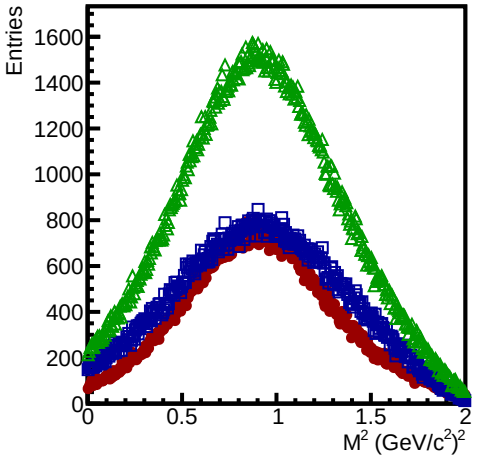
Mean y_{cm}(TOF400) = 0.843413

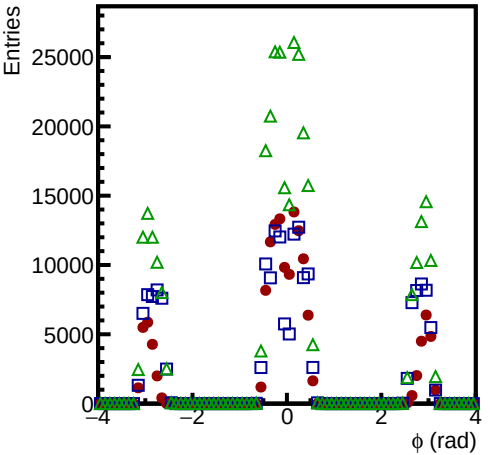
Mean y_{cm}(TOF700) = 0.900543











Mean p_T(TOF400) = 1.558175

Mean p_T(TOF700) = 1.528043

Mean y_{cm}(TOF400) = 0.847875

Mean y_{cm}(TOF700) = 0.894733