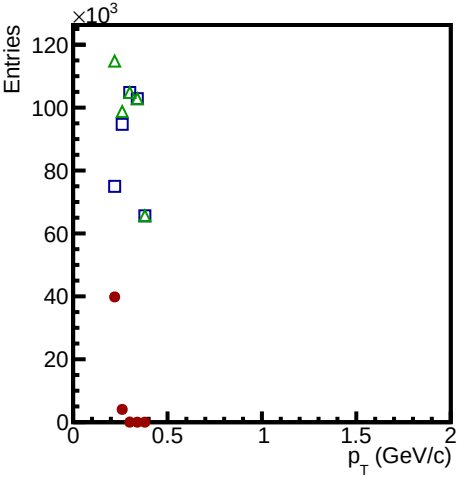
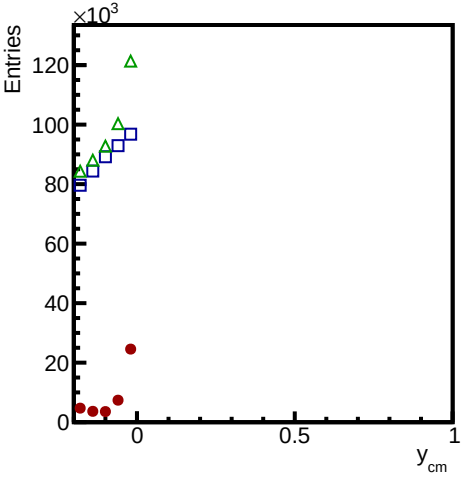
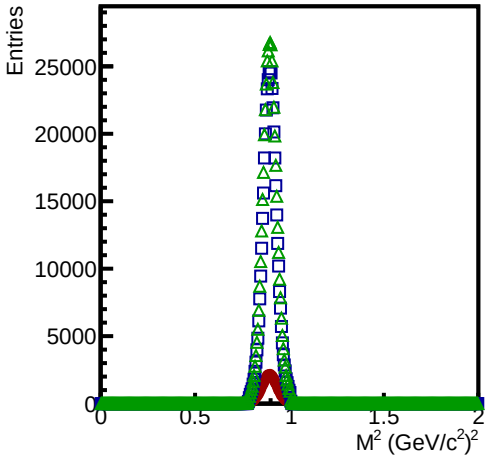
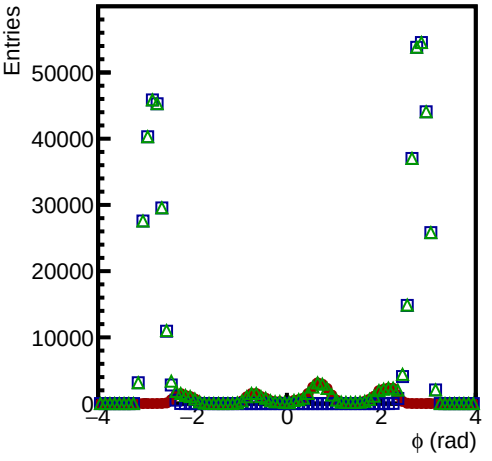








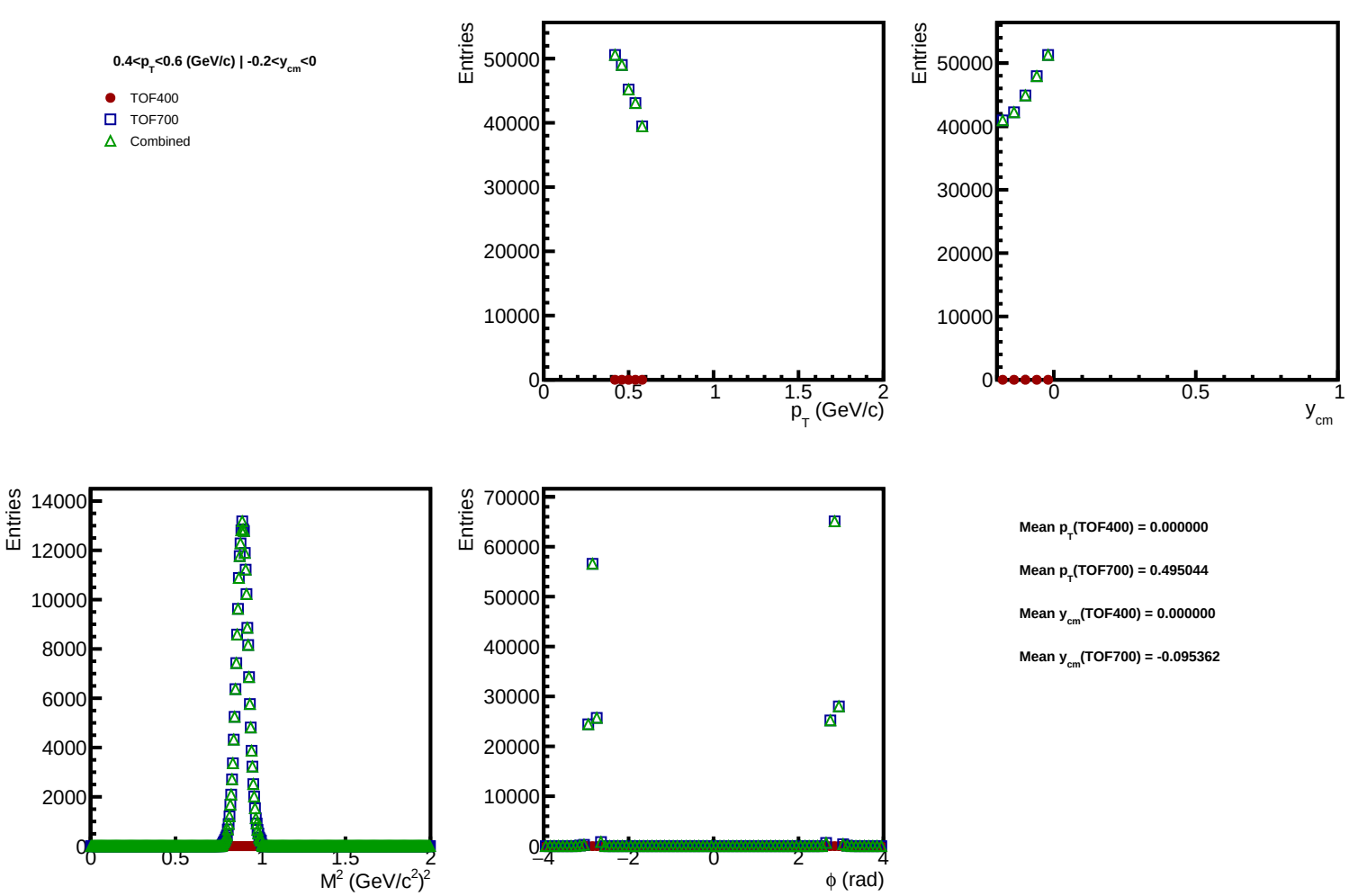


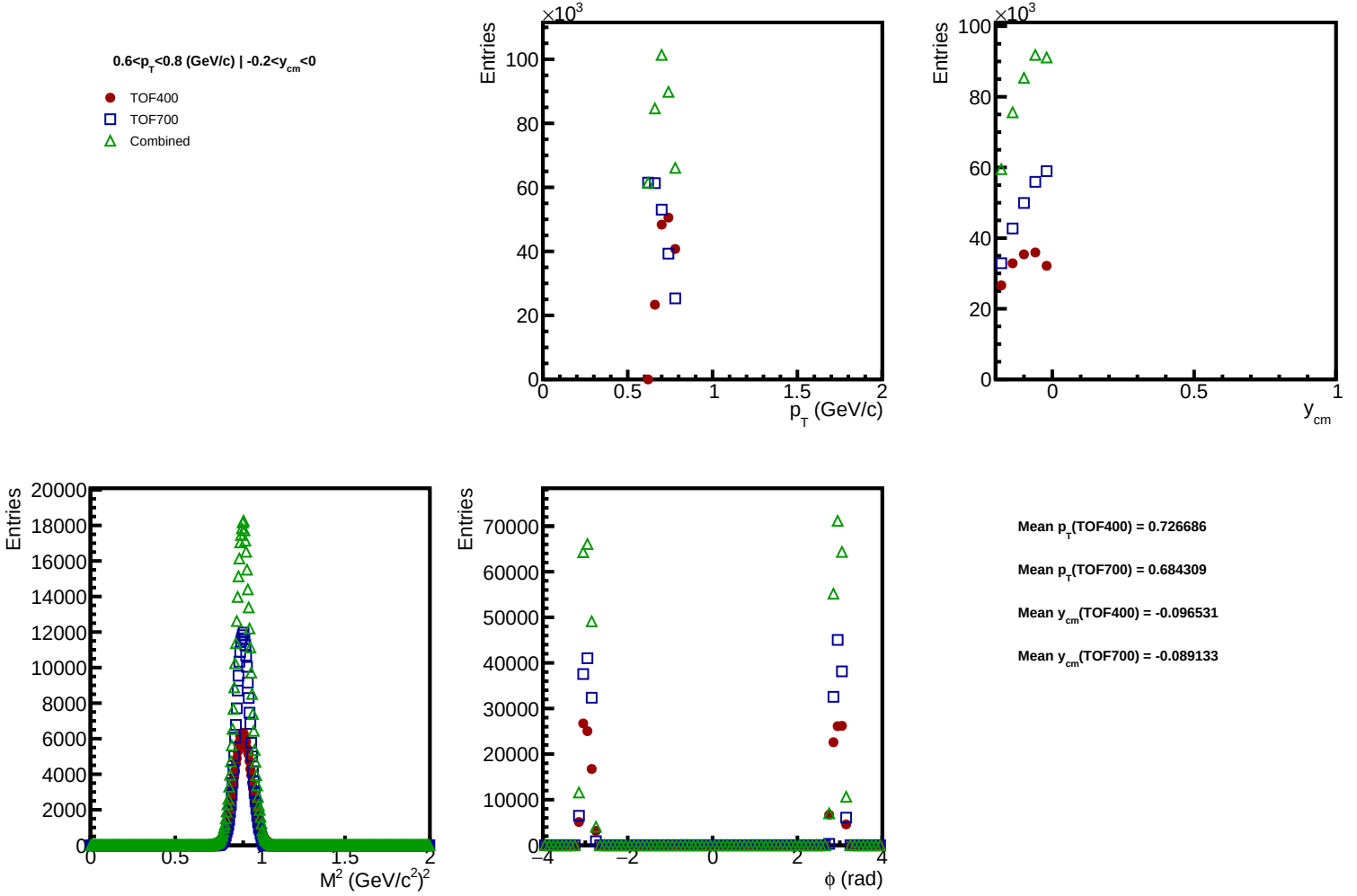
Mean p_T(TOF400) = 0.223699

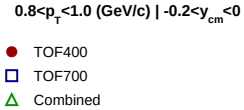
Mean p_T(TOF700) = 0.299044

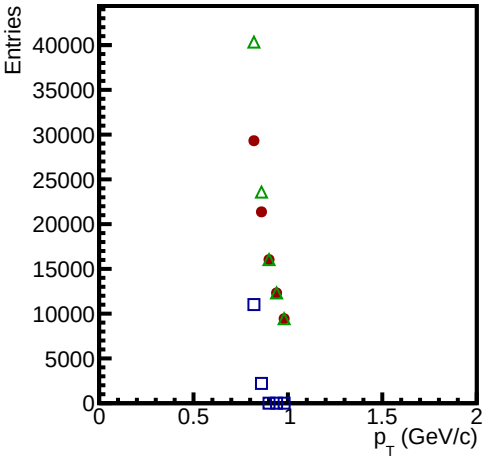
Mean y_{cm}(TOF400) = -0.060400

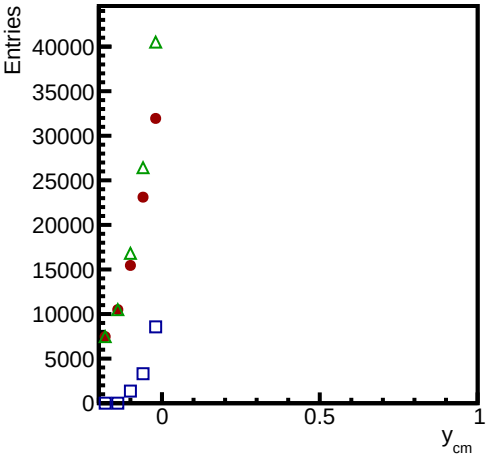
Mean y_{cm}(TOF700) = -0.096129

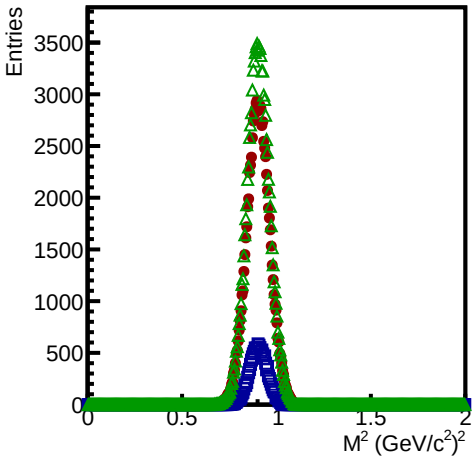

0.4<p_T<0.6 (GeV/c) | -0.2<y_cm<0
TOF400
TOF700
Combined
Entries
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
φ (rad)
Mean p_T(TOF400) = 0.000000
Mean p_T(TOF700) = 0.495044
Mean y_cm(TOF400) = 0.000000
Mean y_cm(TOF700) = -0.095362

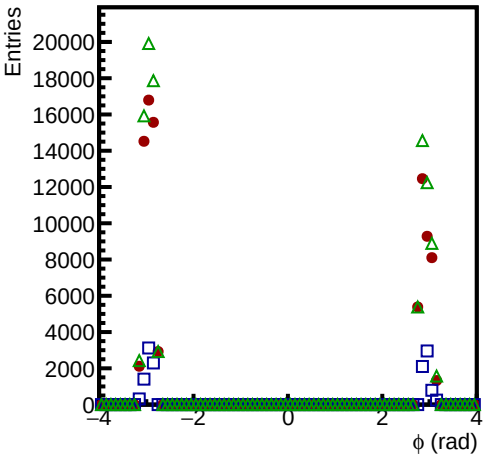

0.6<p_T<0.8 (GeV/c) | -0.2<y_cm<0
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.726686
Mean p_T(TOF700) = 0.684309
Mean y_cm(TOF400) = -0.096531
Mean y_cm(TOF700) = -0.089133









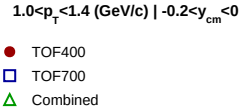


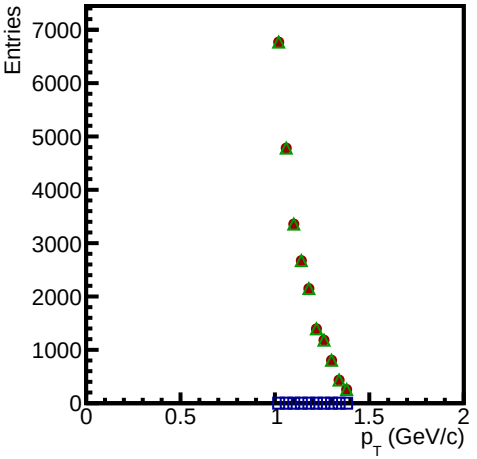
Mean p_T(TOF400) = 0.877926

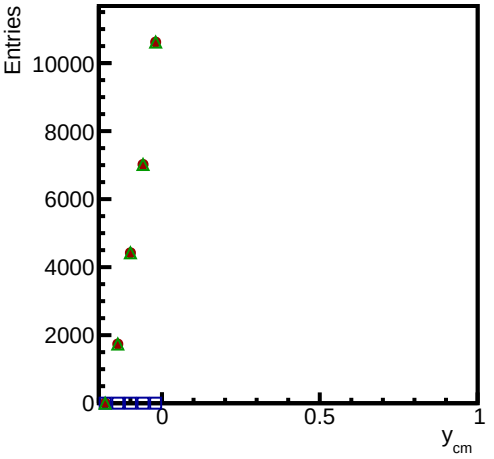
Mean p_T(TOF700) = 0.826676

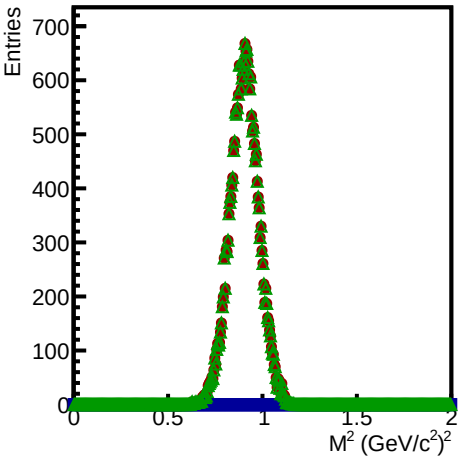
Mean y_{cm}(TOF400) = -0.072158

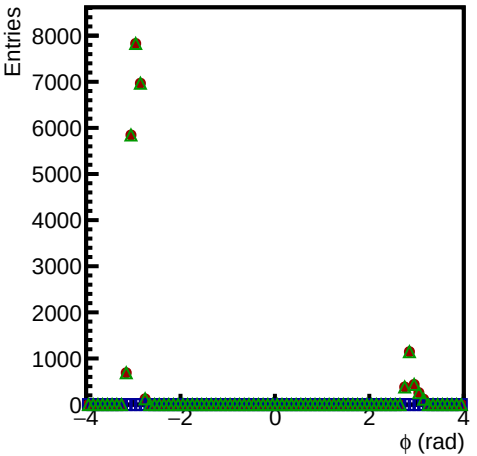
Mean y_{cm}(TOF700) = -0.038208









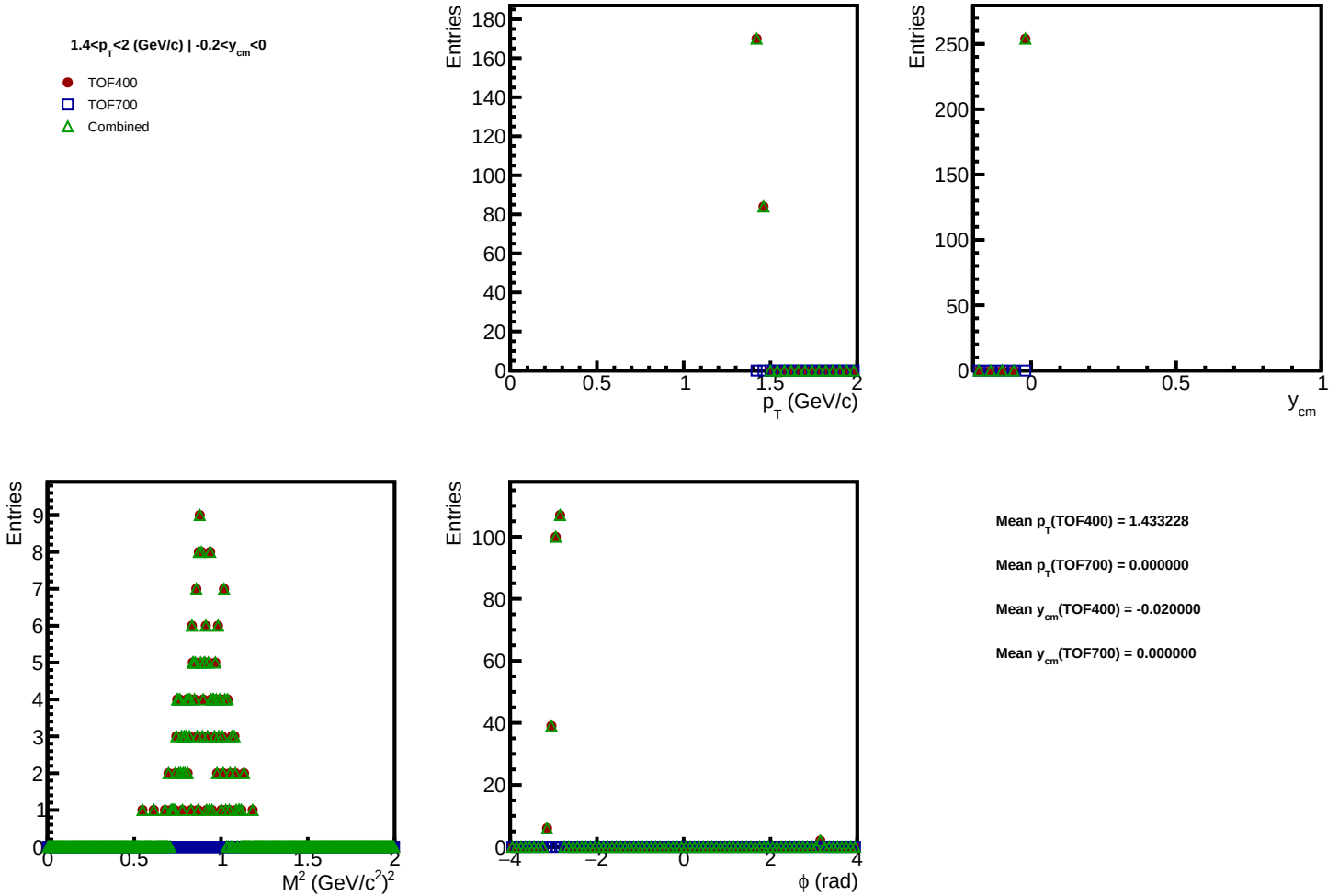


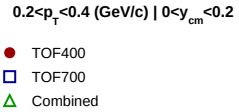
Mean p_T(TOF400) = 1.110023

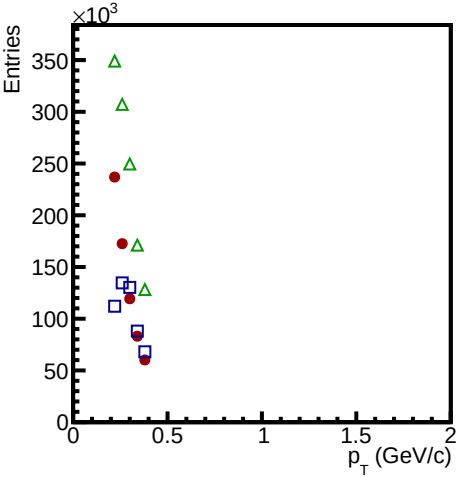
Mean p_T(TOF700) = 0.000000

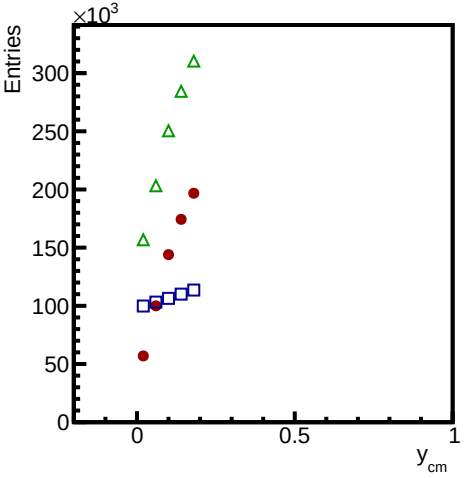
Mean y_{cm}(TOF400) = -0.055427

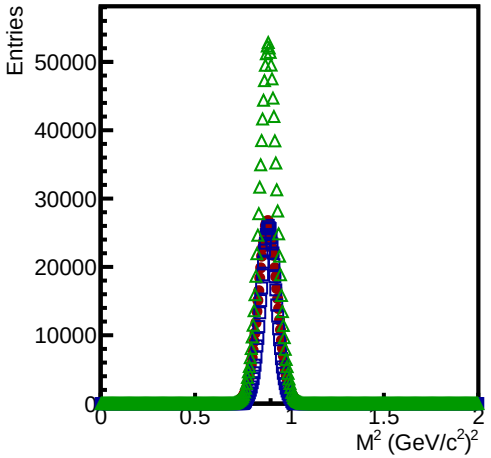
Mean y_{cm}(TOF700) = 0.000000

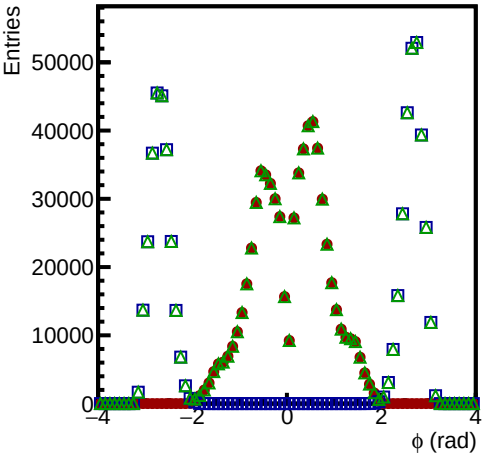

1.4<p_T<2 (GeV/c) | -0.2<y_cm<0
TOF400
TOF700
Combined
Entries
p_T (GeV/c)
Entries
y_cm
Entries
M^2 (GeV/c^2)^2
Entries
ϕ (rad)
Mean p_T(TOF400) = 1.433228
Mean p_T(TOF700) = 0.000000
Mean y_cm(TOF400) = -0.020000
Mean y_cm(TOF700) = 0.000000









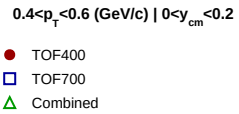


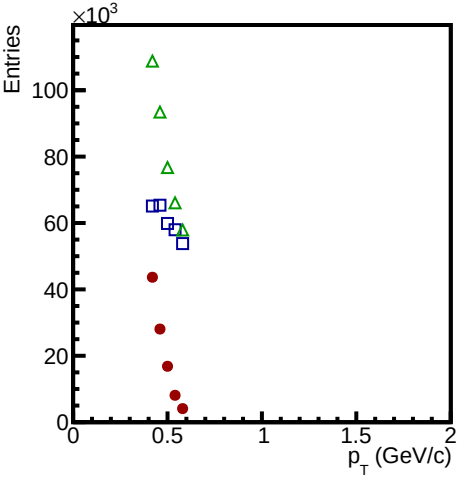
Mean p_T(TOF400) = 0.273631

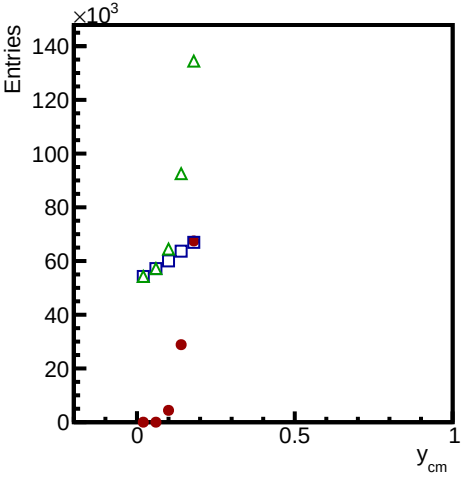
Mean p_T(TOF700) = 0.289892

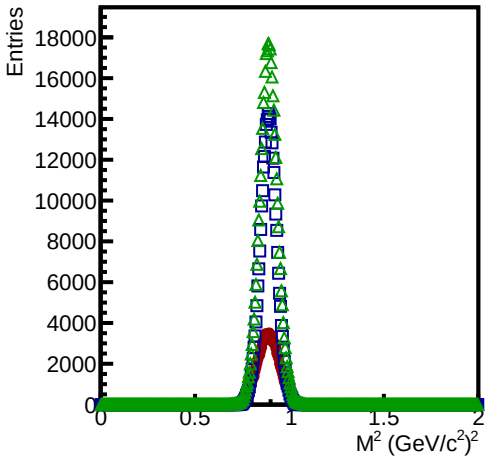
Mean y_{cm}(TOF400) = 0.121072

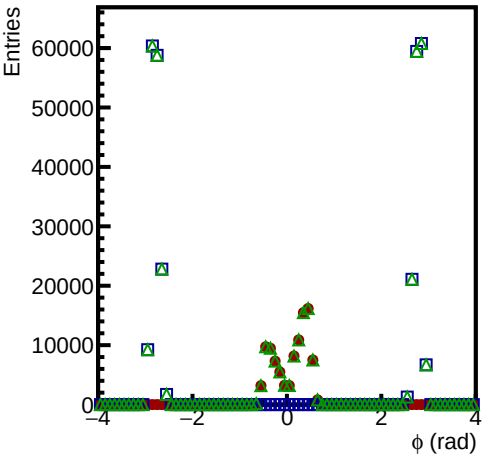
Mean y_{cm}(TOF700) = 0.102578









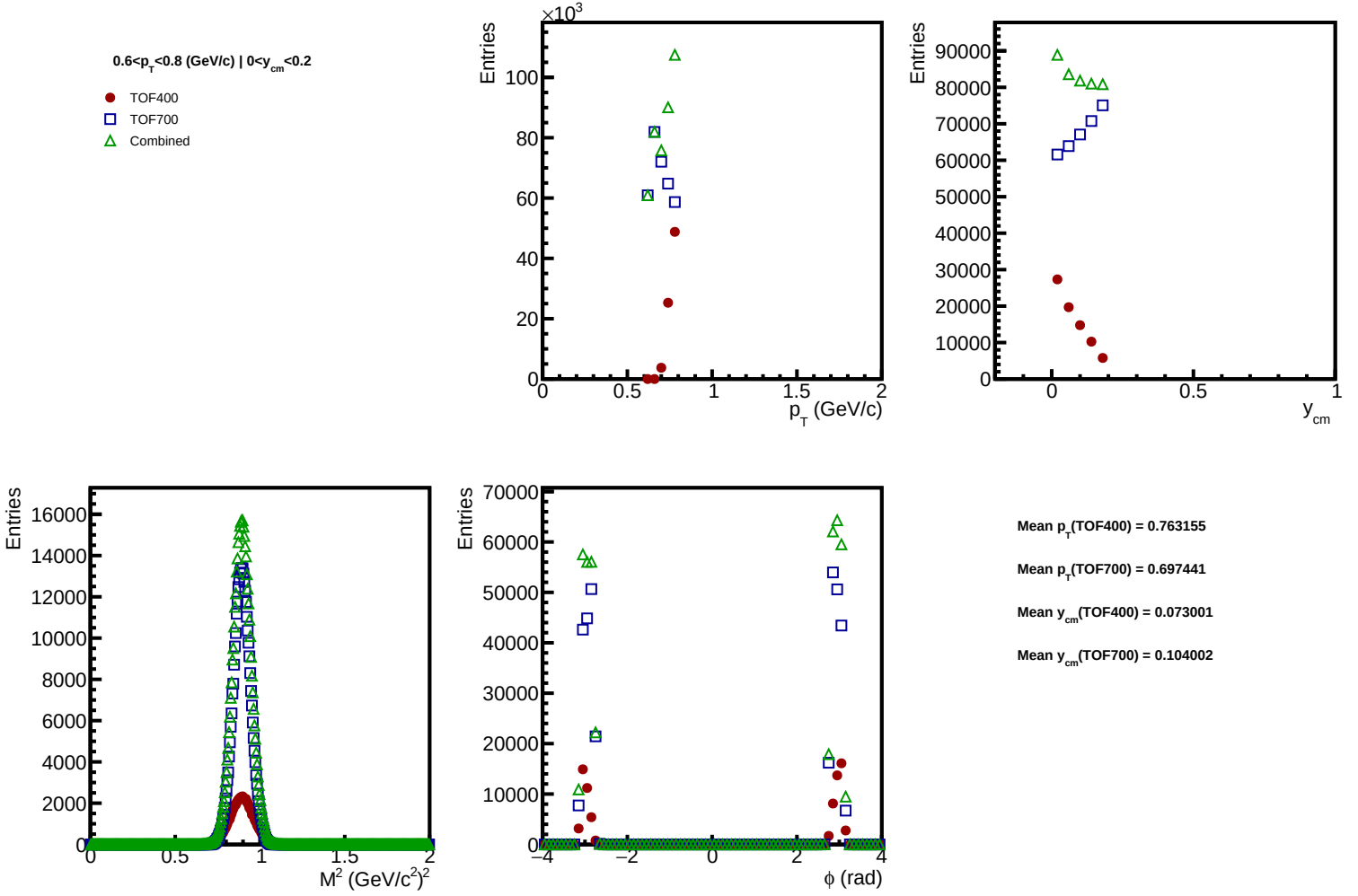


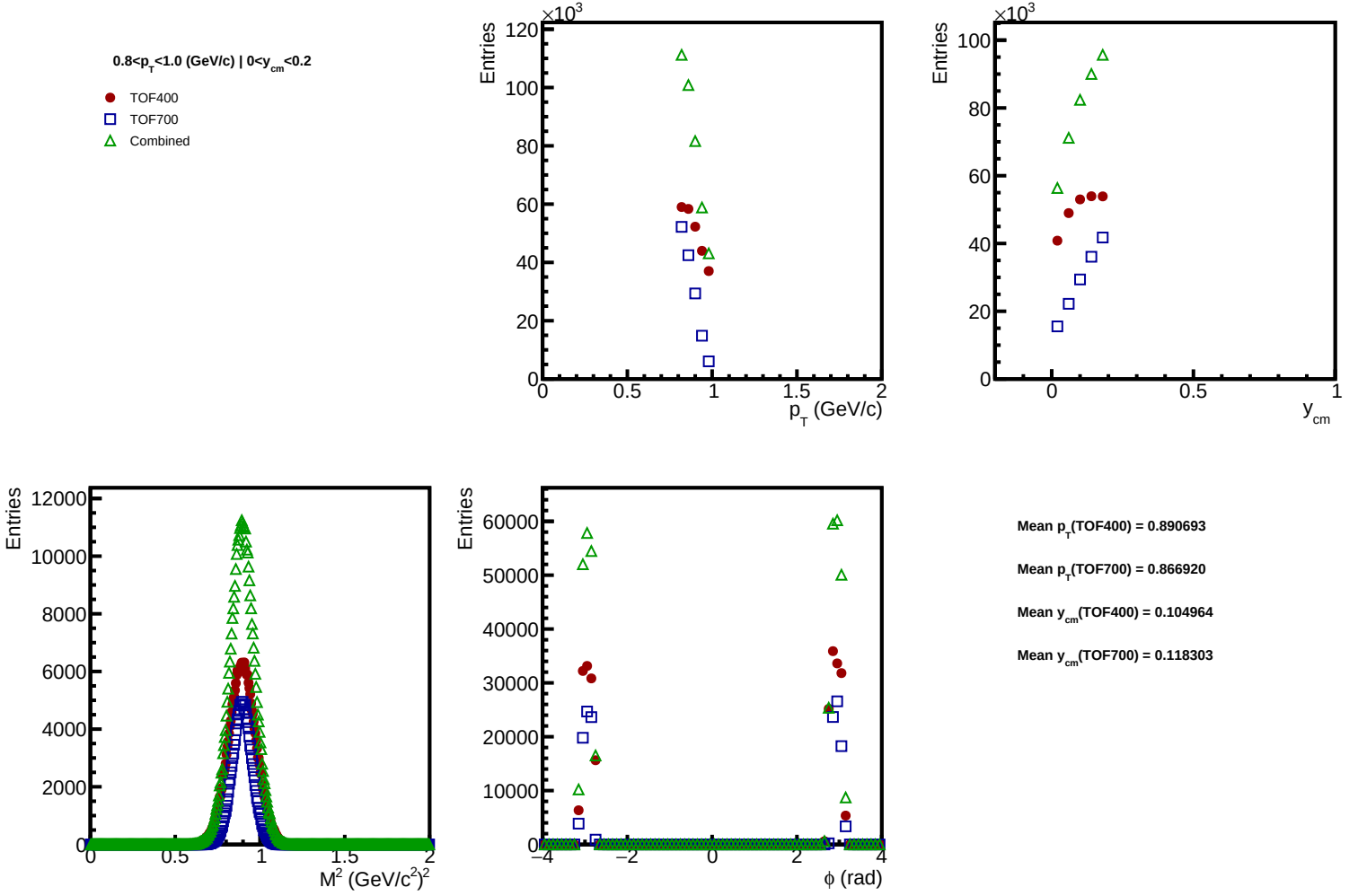
Mean p_T(TOF400) = 0.460649

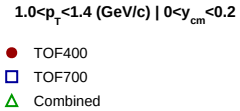
Mean p_T(TOF700) = 0.496028

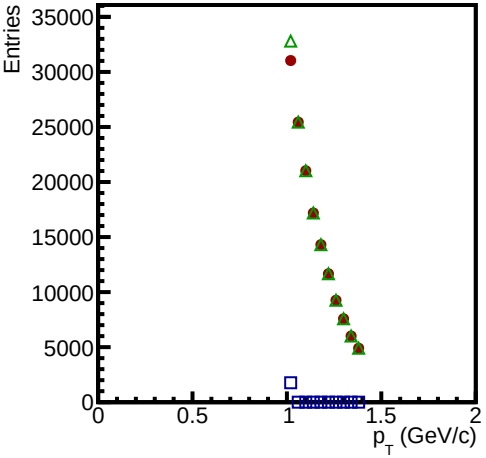
Mean y_{cm}(TOF400) = 0.165047

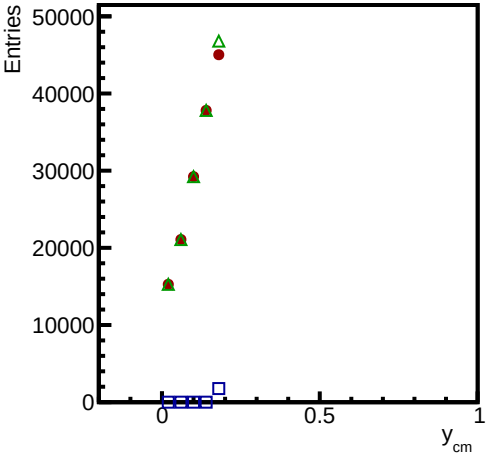
Mean y_{cm}(TOF700) = 0.104224

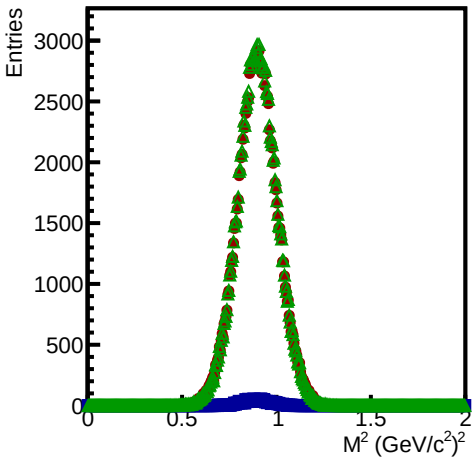

0.6<p_T<0.8 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.763155
Mean p_T(TOF700) = 0.697441
Mean y_cm(TOF400) = 0.073001
Mean y_cm(TOF700) = 0.104002

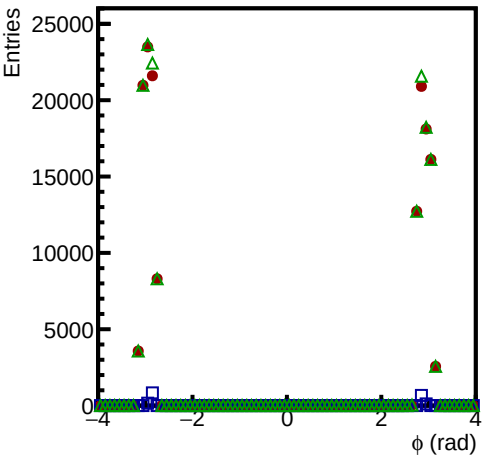

0.8<p_T<1.0 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.890693
Mean p_T(TOF700) = 0.866920
Mean y_cm(TOF400) = 0.104964
Mean y_cm(TOF700) = 0.118303









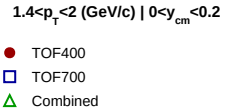


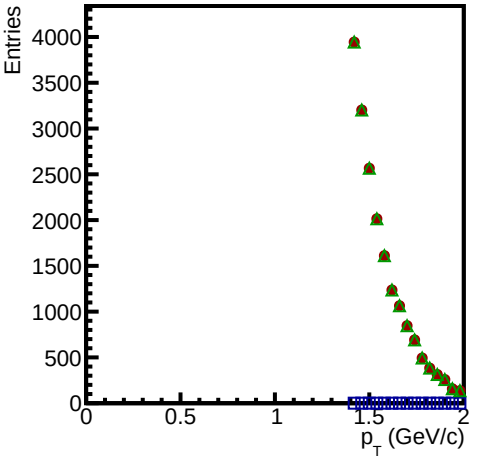
Mean p_T(TOF400) = 1.137347

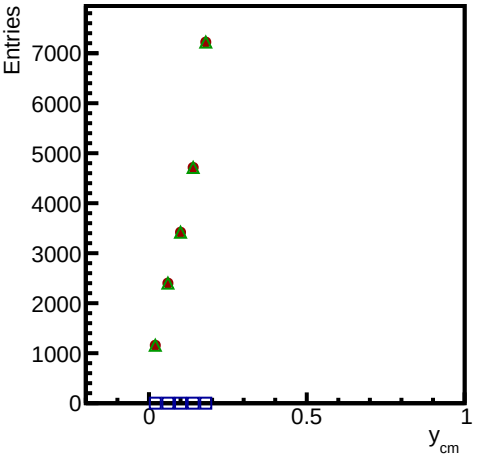
Mean p_T(TOF700) = 1.020000

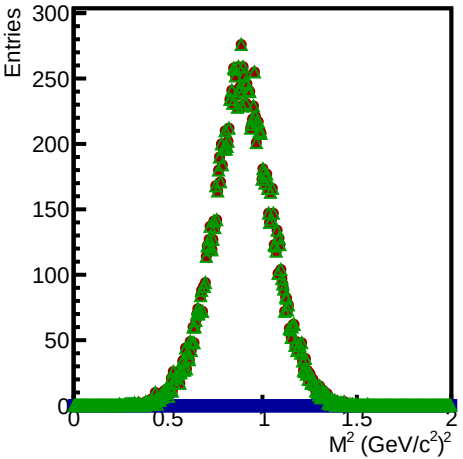
Mean y_{cm}(TOF400) = 0.120552

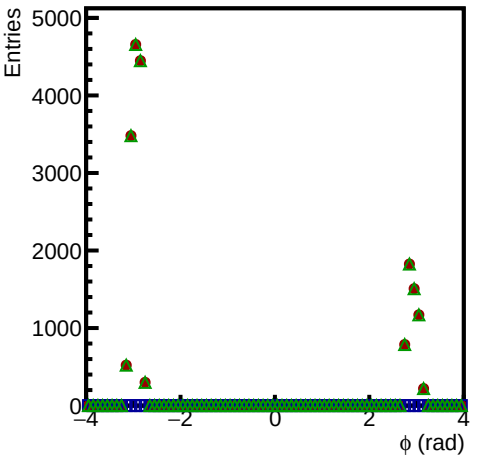
Mean y_{cm}(TOF700) = 0.180000









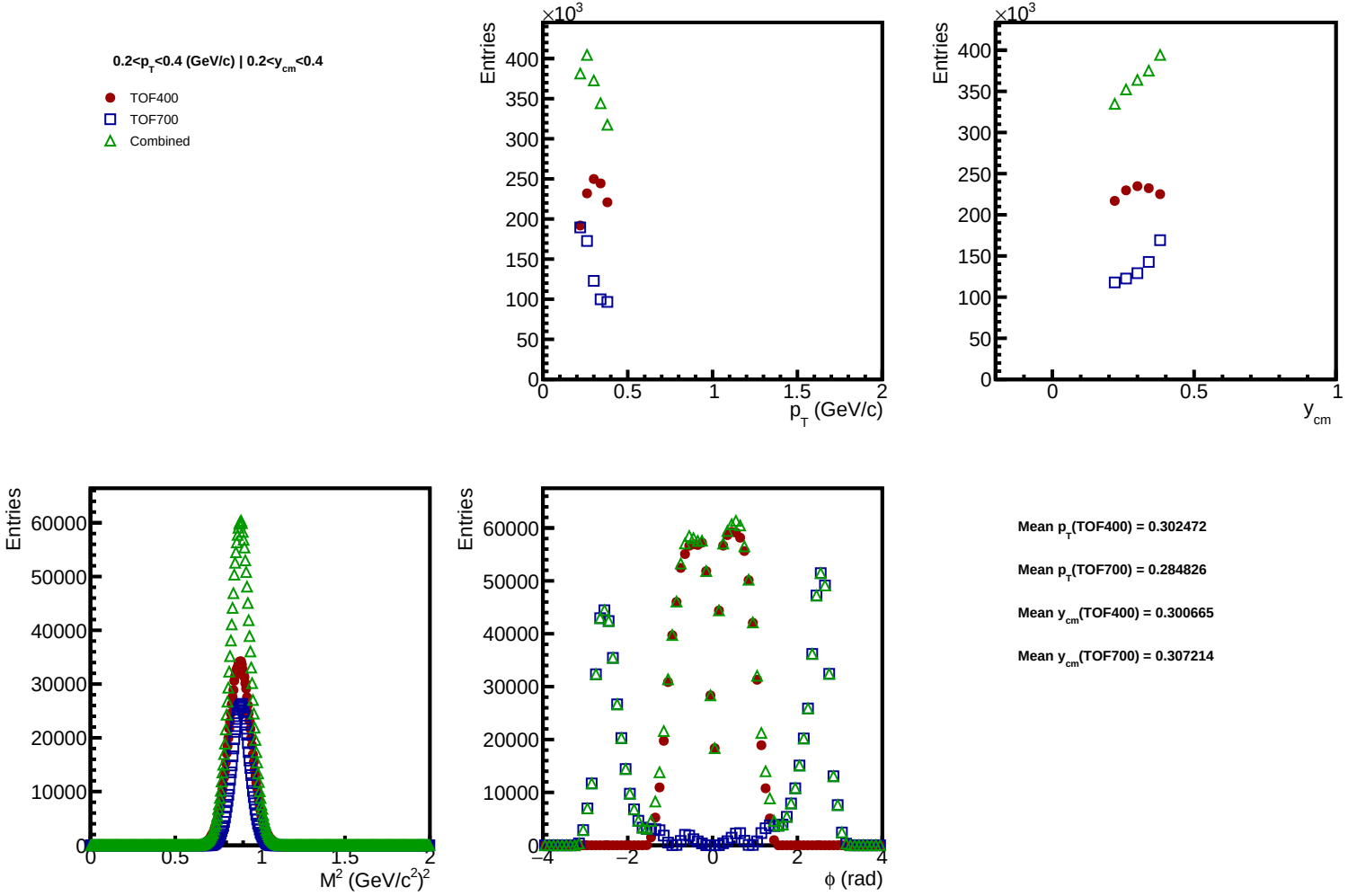


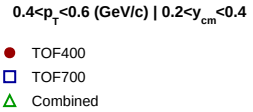
Mean p_T(TOF400) = 1.554472

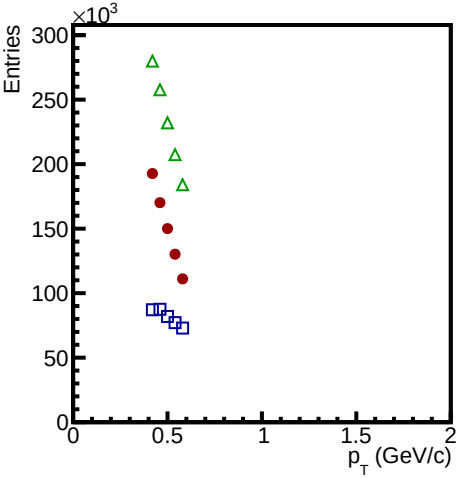
Mean p_T(TOF700) = 0.000000

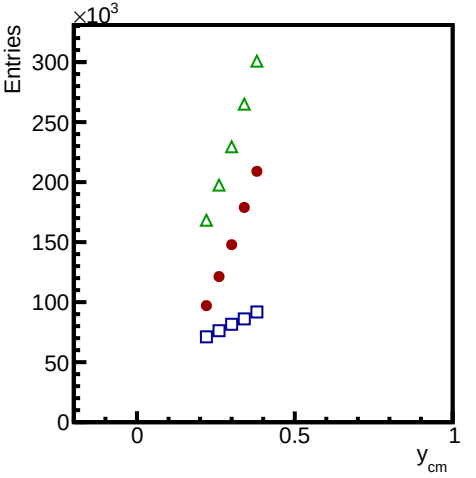
Mean y_{cm}(TOF400) = 0.130540

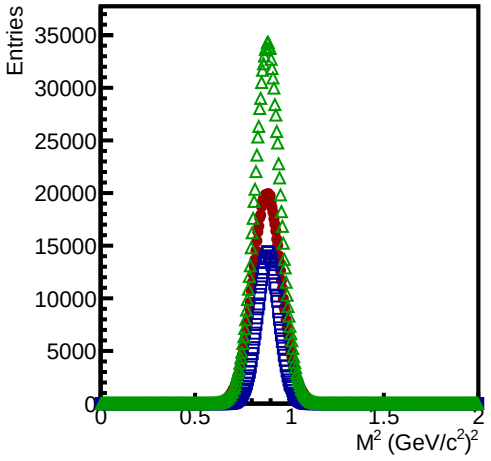
Mean y_{cm}(TOF700) = 0.000000

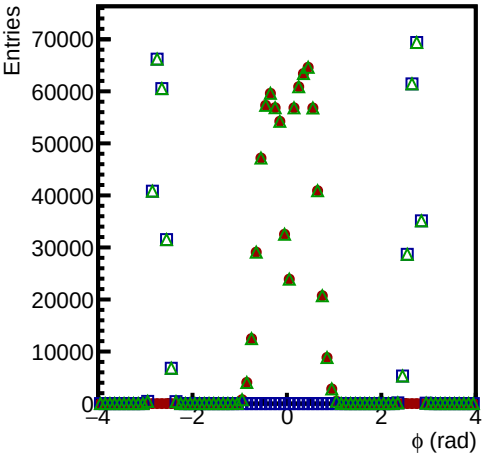

0.2<p_T<0.4 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.302472
Mean p_T(TOF700) = 0.284826
Mean y_cm(TOF400) = 0.300665
Mean y_cm(TOF700) = 0.307214









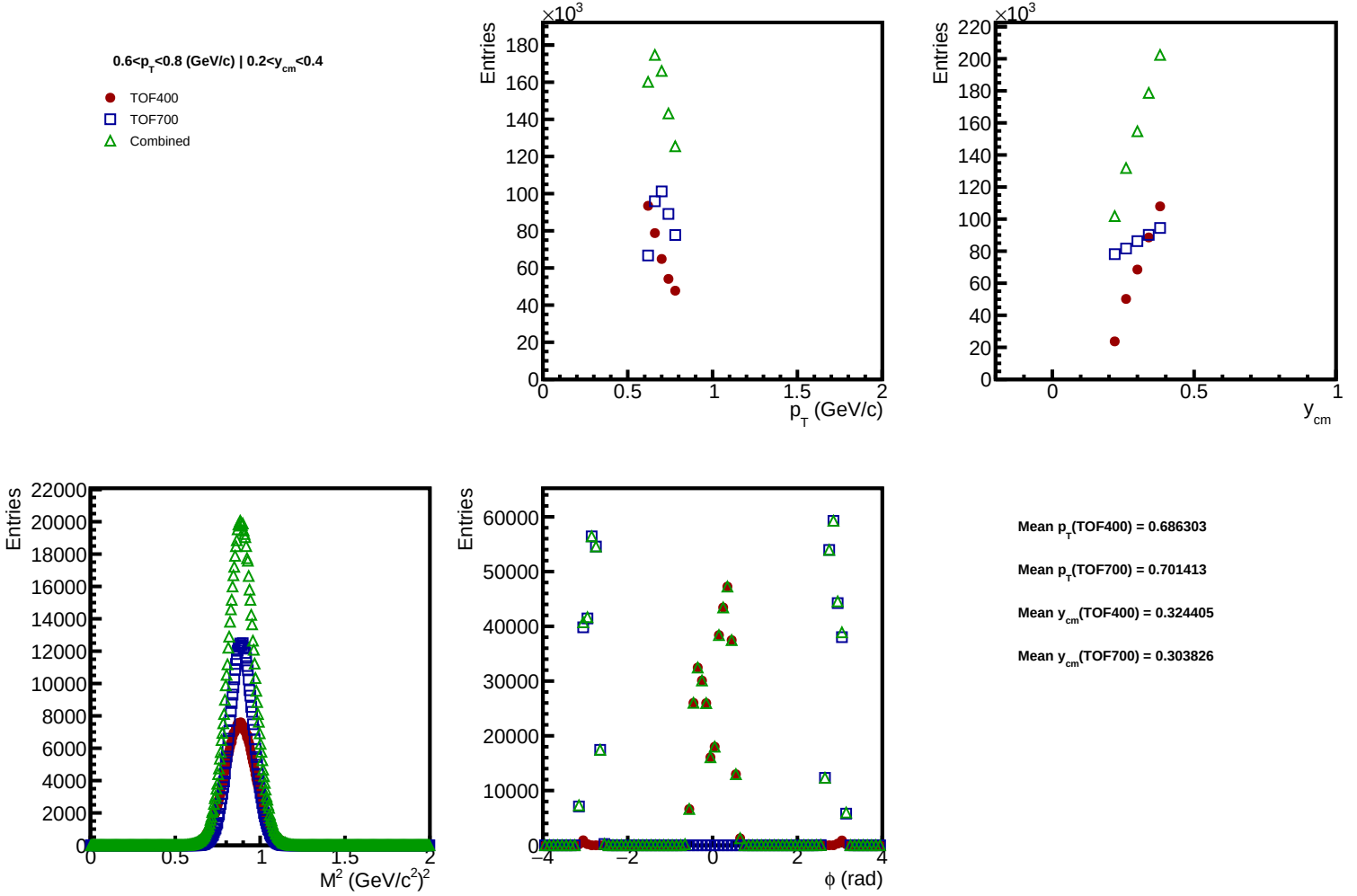


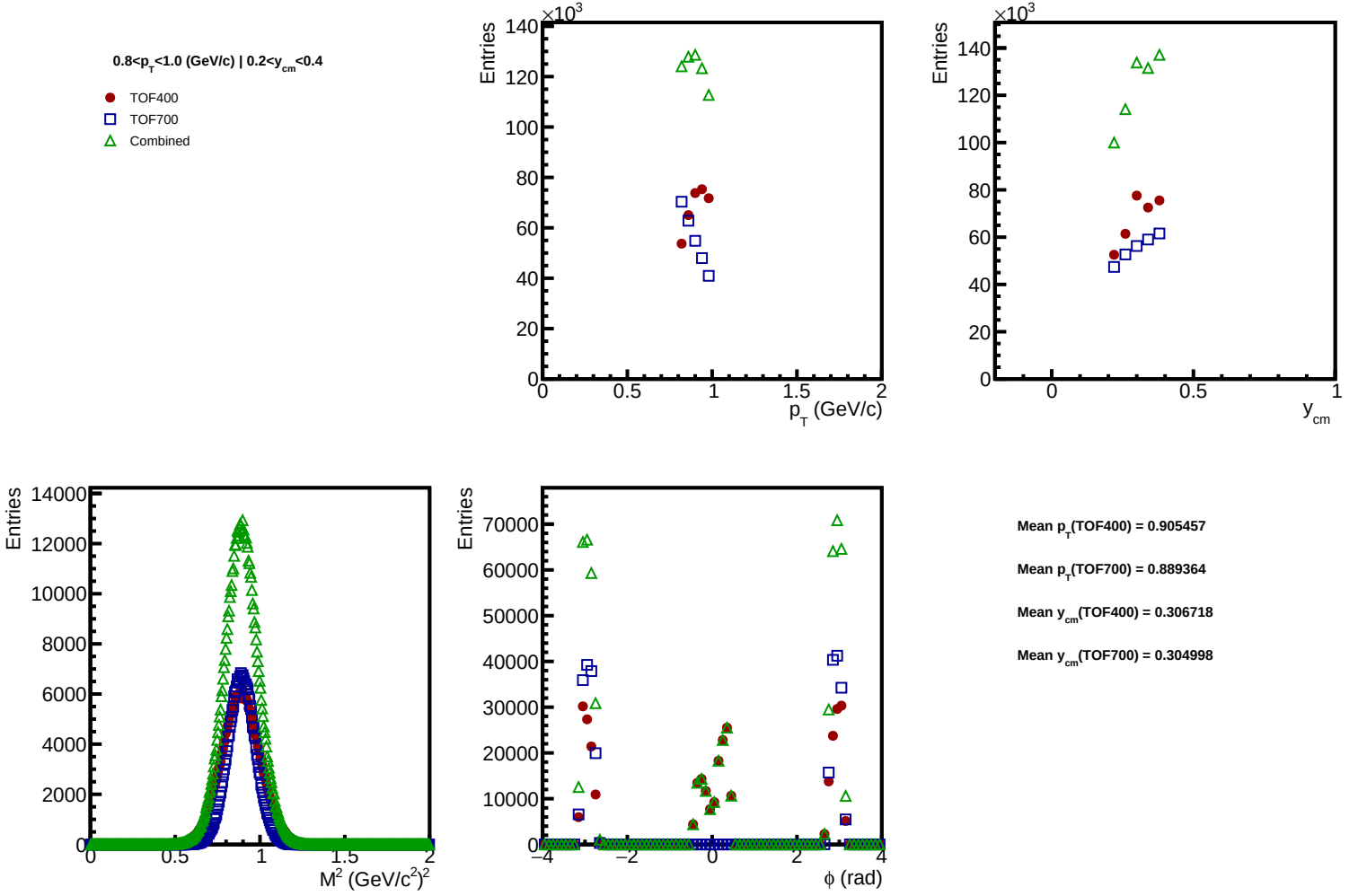
Mean p_T(TOF400) = 0.489221

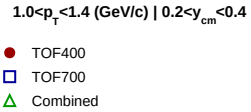
Mean p_T(TOF700) = 0.496190

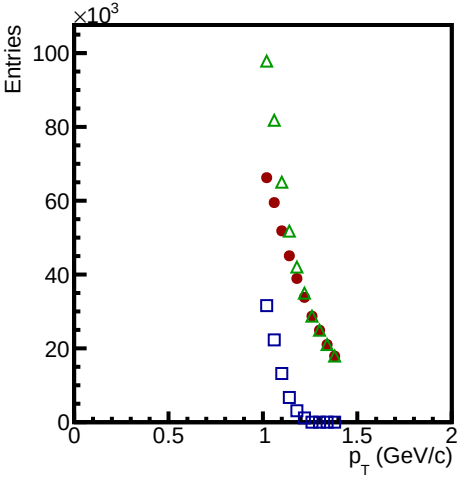
Mean y_{cm}(TOF400) = 0.314919

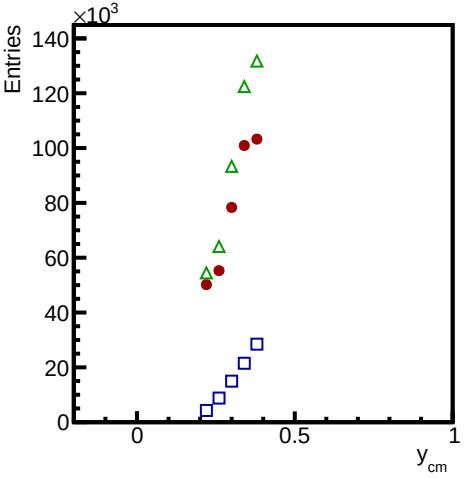
Mean y_{cm}(TOF700) = 0.305045

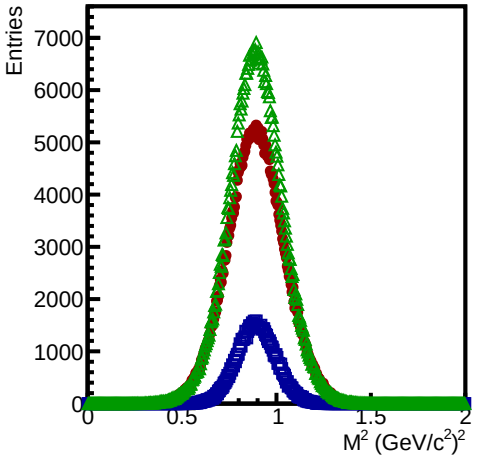

0.6<p_T<0.8 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.686303
Mean p_T(TOF700) = 0.701413
Mean y_cm(TOF400) = 0.324405
Mean y_cm(TOF700) = 0.303826

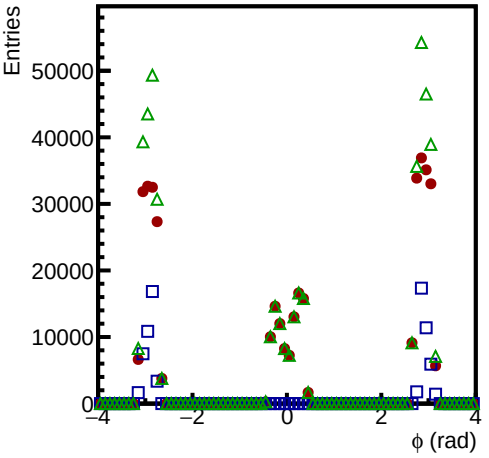

0.8<p_T<1.0 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.905457
Mean p_T(TOF700) = 0.889364
Mean y_cm(TOF400) = 0.306718
Mean y_cm(TOF700) = 0.304998









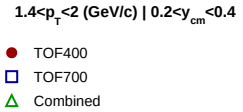


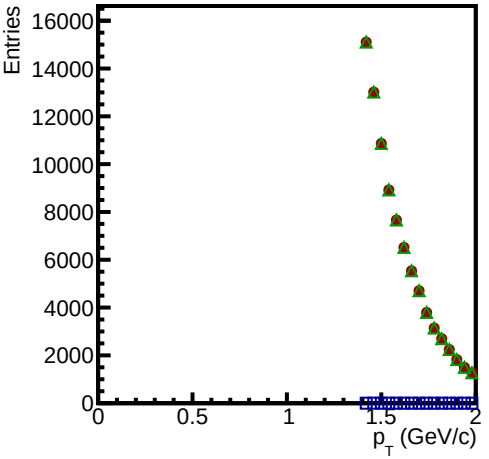
Mean p_T(TOF400) = 1.153961

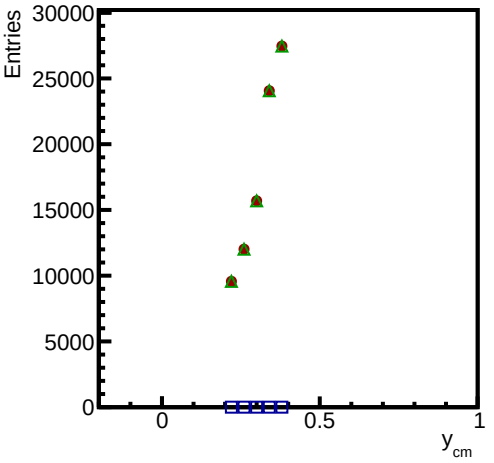
Mean p_T(TOF700) = 1.064544

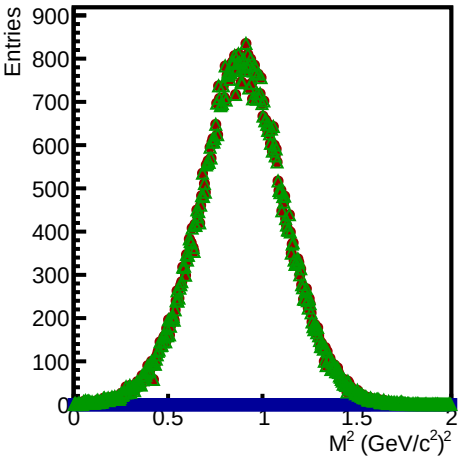
Mean y_{cm}(TOF400) = 0.315652

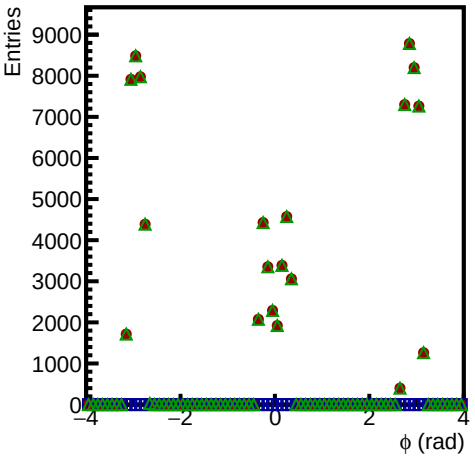
Mean y_{cm}(TOF700) = 0.331319









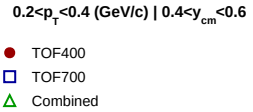


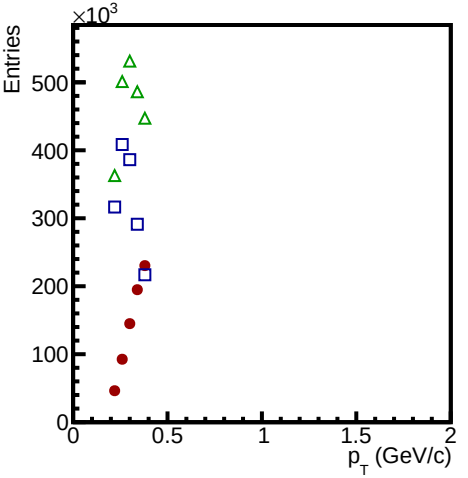
Mean p_T(TOF400) = 1.582310

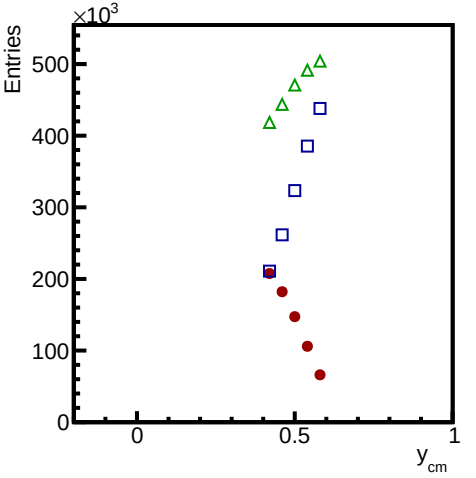
Mean p_T(TOF700) = 0.000000

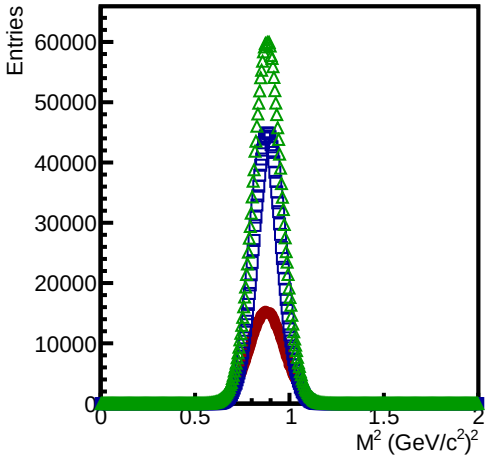
Mean y_{cm}(TOF400) = 0.321547

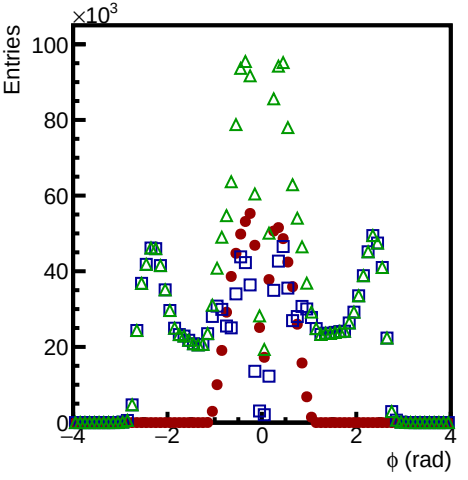
Mean y_{cm}(TOF700) = 0.000000









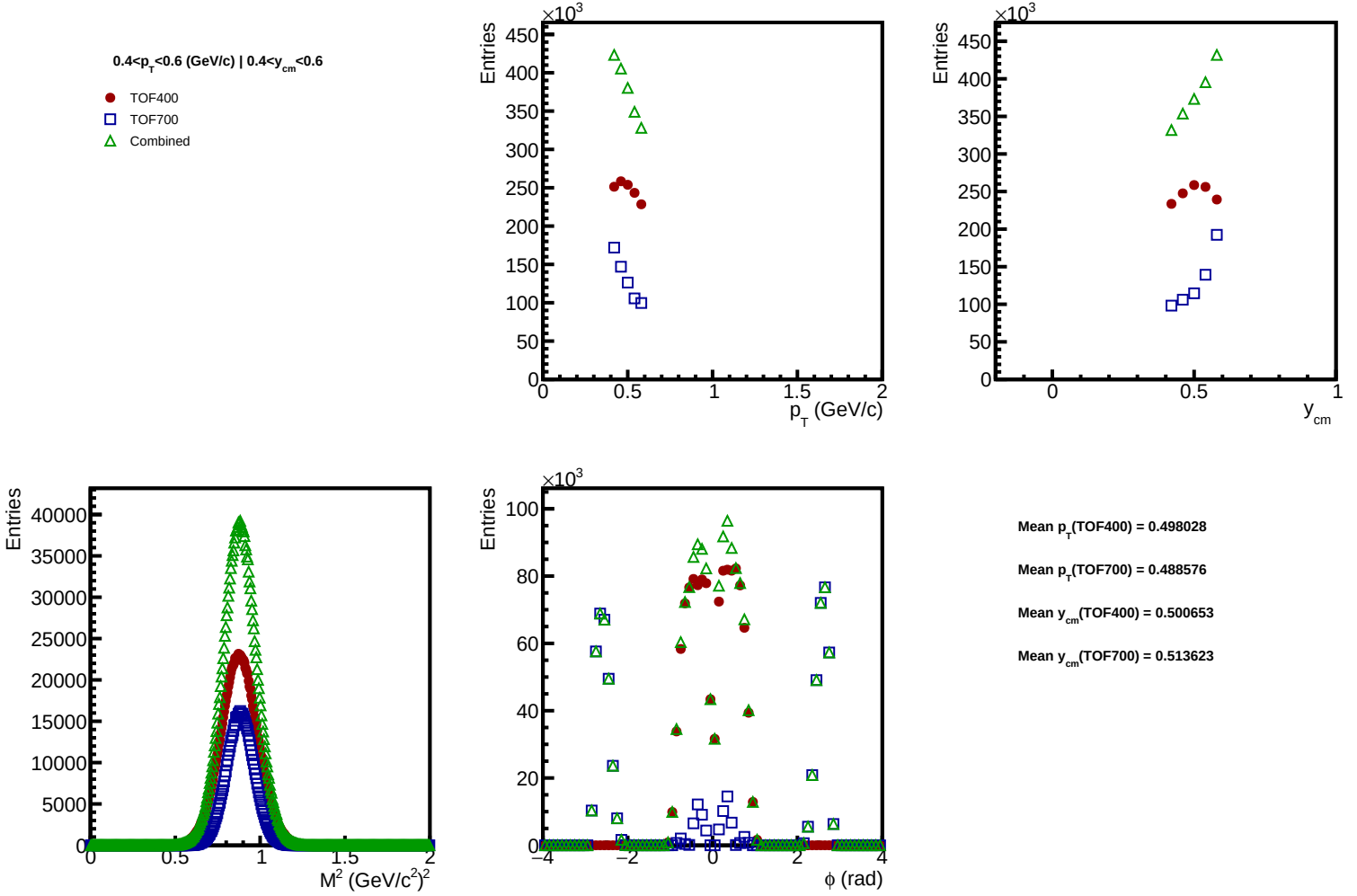


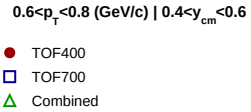
Mean p_T(TOF400) = 0.326536

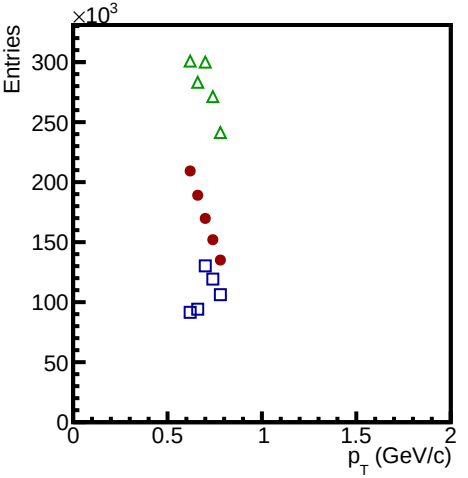
Mean p_T(TOF700) = 0.292178

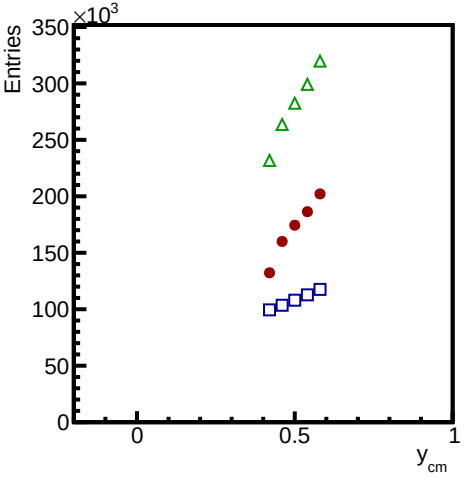
Mean y_{cm}(TOF400) = 0.479744

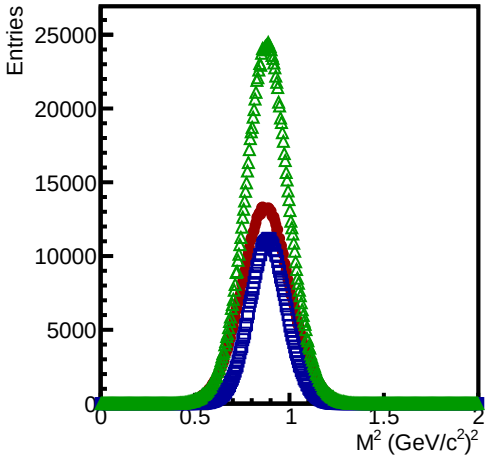
Mean y_{cm}(TOF700) = 0.514282

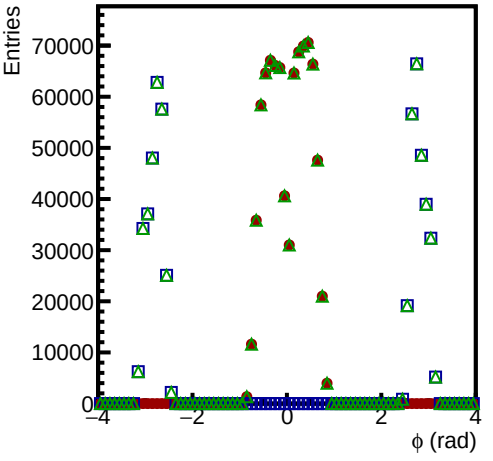

0.4<p_T<0.6 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.498028
Mean p_T(TOF700) = 0.488576
Mean y_cm(TOF400) = 0.500653
Mean y_cm(TOF700) = 0.513623









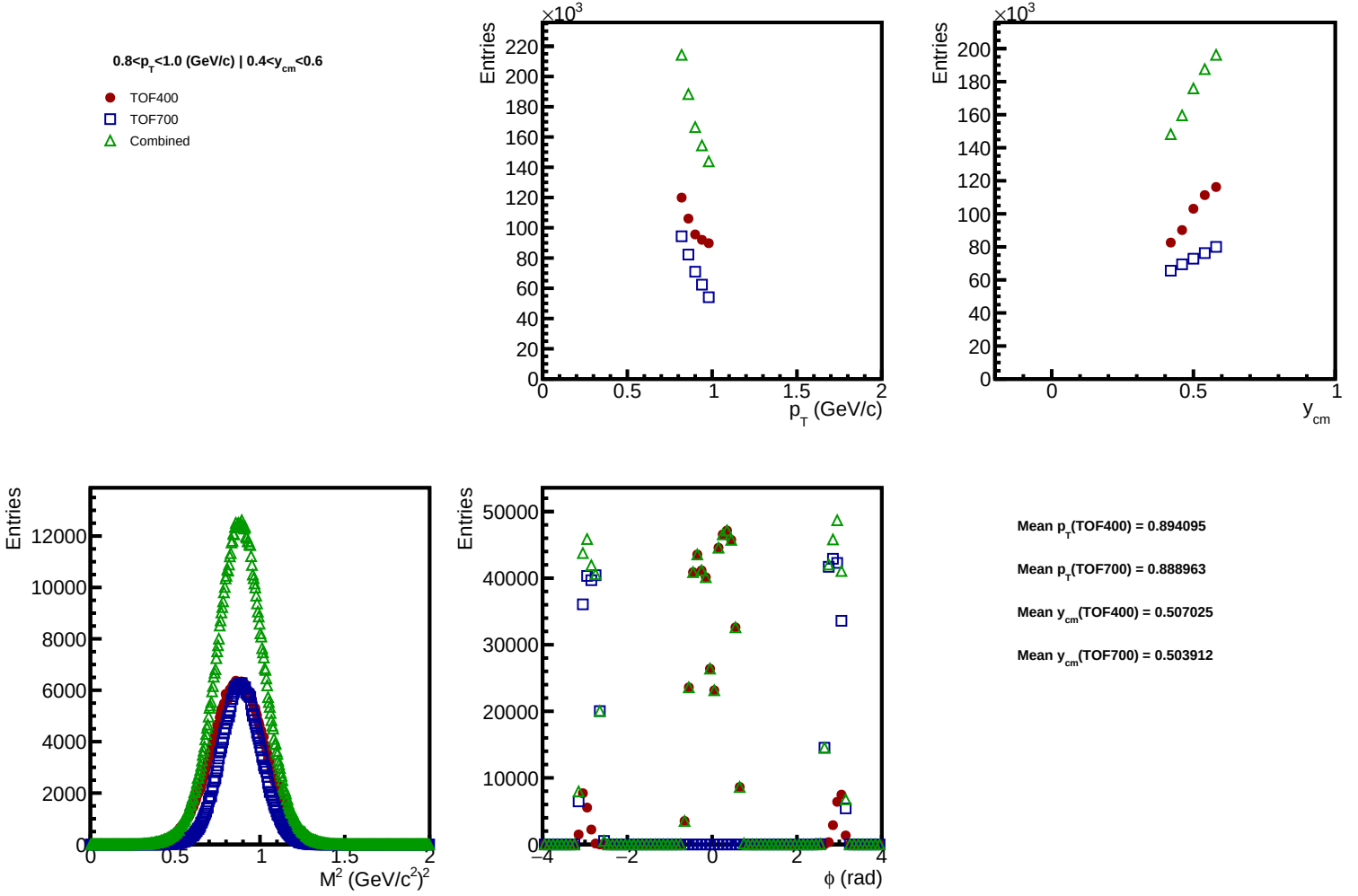


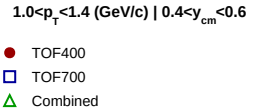
Mean p_T(TOF400) = 0.691326

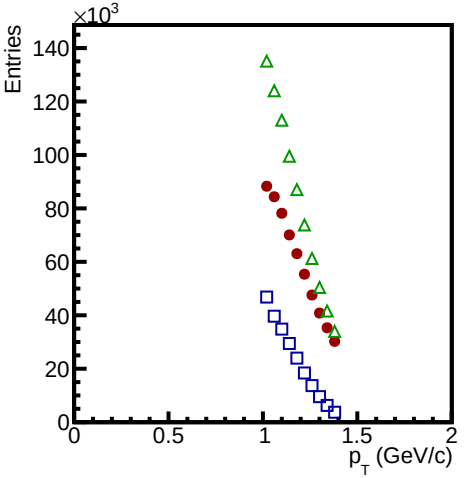
Mean p_T(TOF700) = 0.704026

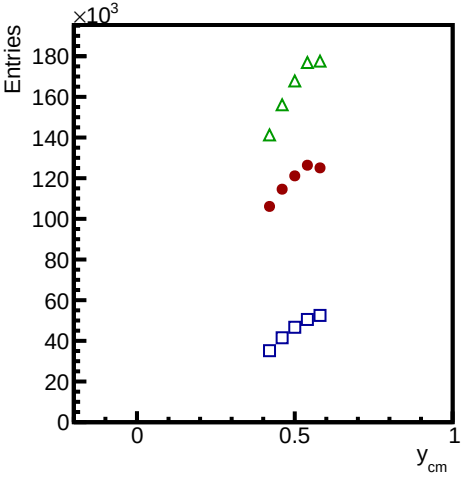
Mean y_{cm}(TOF400) = 0.507768

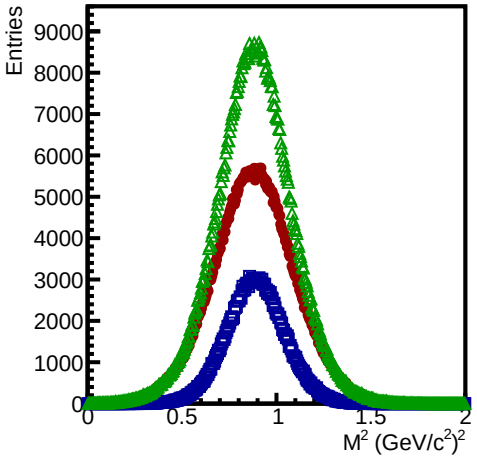
Mean y_{cm}(TOF700) = 0.503361

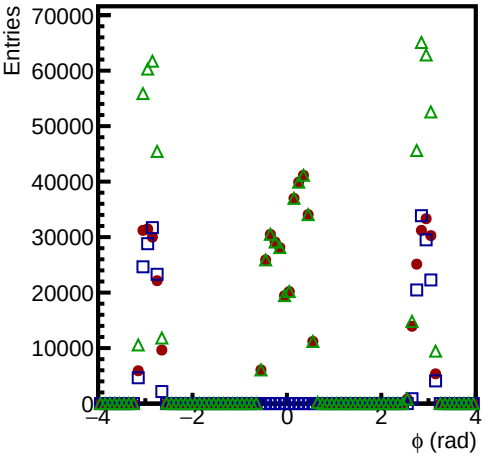

0.8<p_T<1.0 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.894095
Mean p_T(TOF700) = 0.888963
Mean y_cm(TOF400) = 0.507025
Mean y_cm(TOF700) = 0.503912









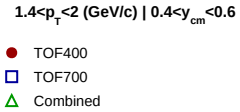


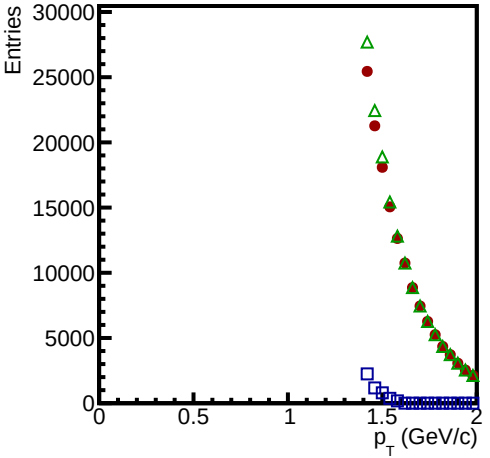
Mean p_T(TOF400) = 1.161984

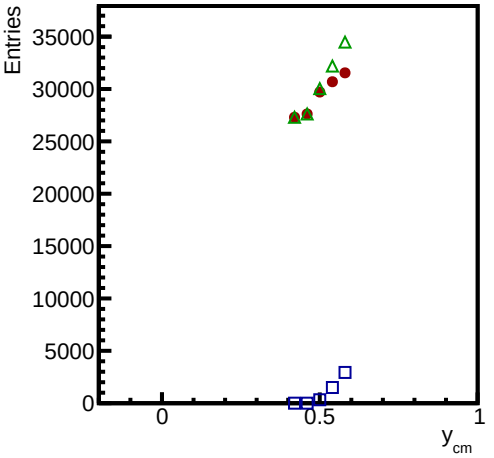
Mean p_T(TOF700) = 1.129258

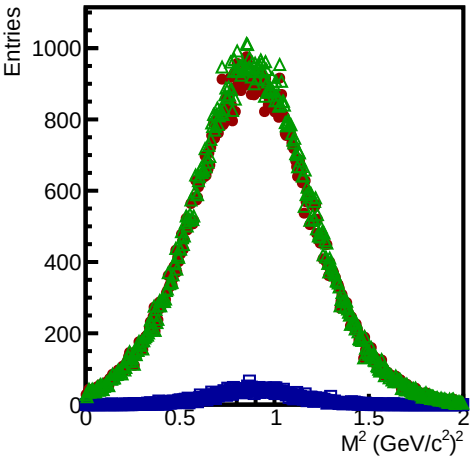
Mean y_{cm}(TOF400) = 0.503352

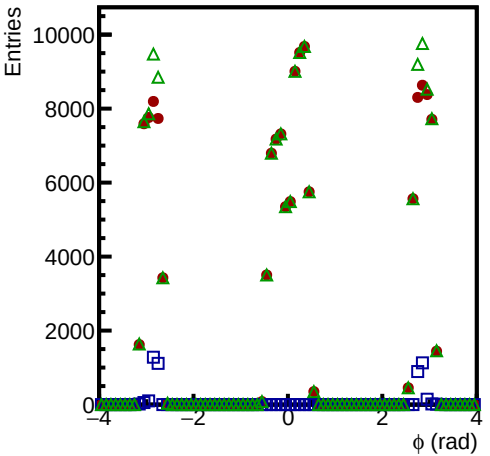
Mean y_{cm}(TOF700) = 0.507719









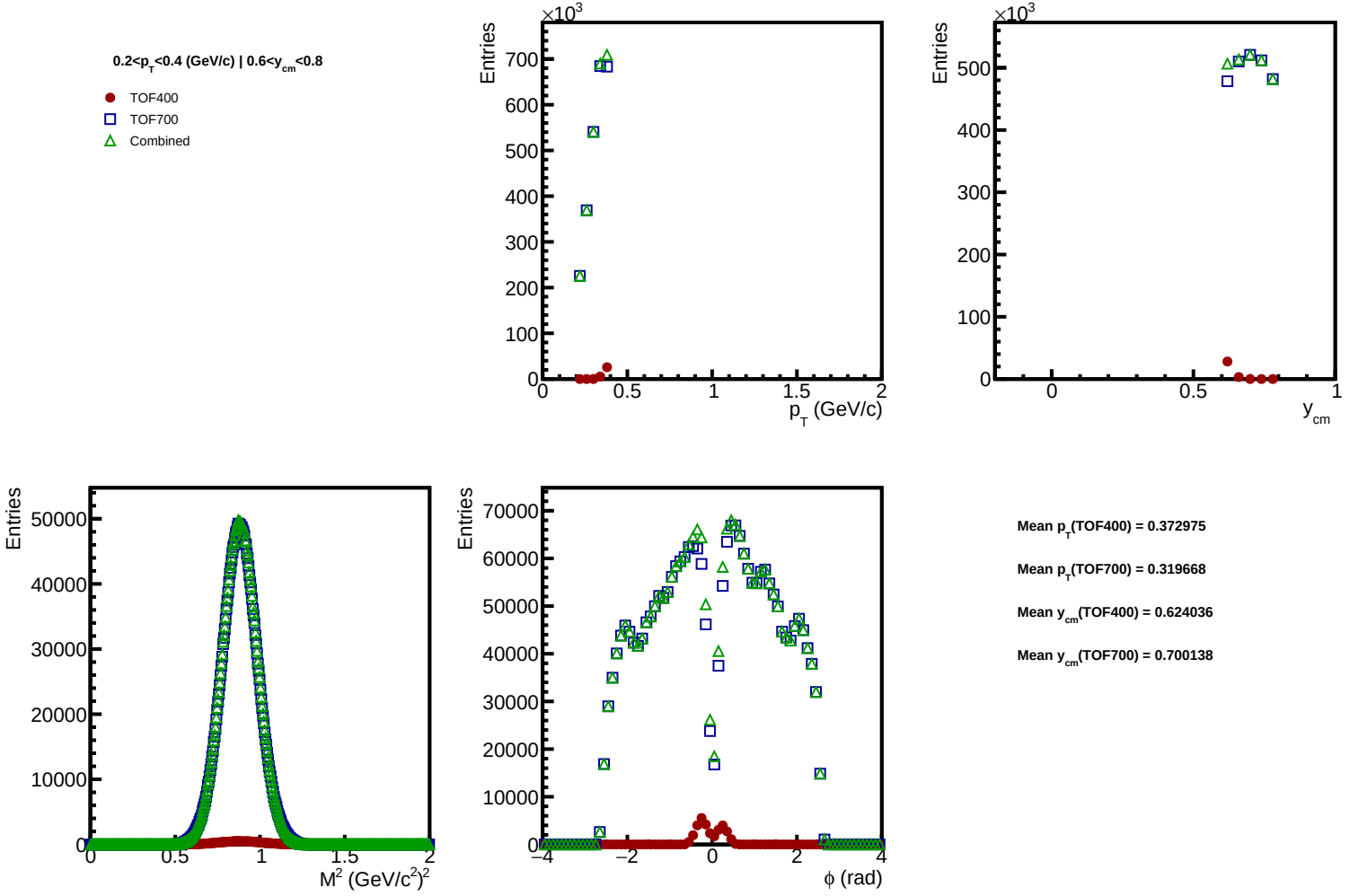


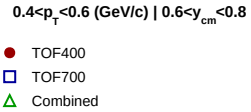
Mean p_T(TOF400) = 1.581649

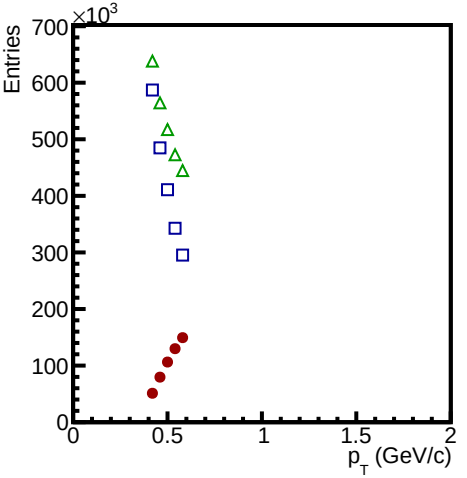
Mean p_T(TOF700) = 1.458512

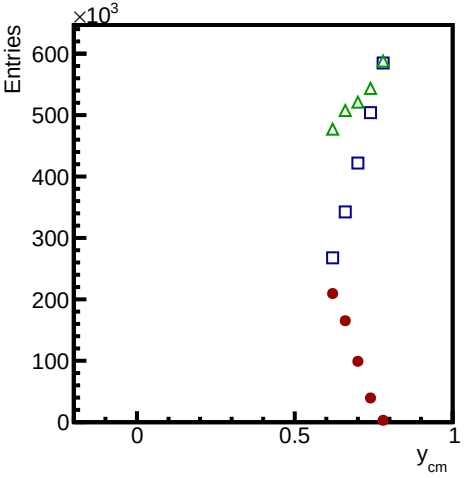
Mean y_{cm}(TOF400) = 0.503150

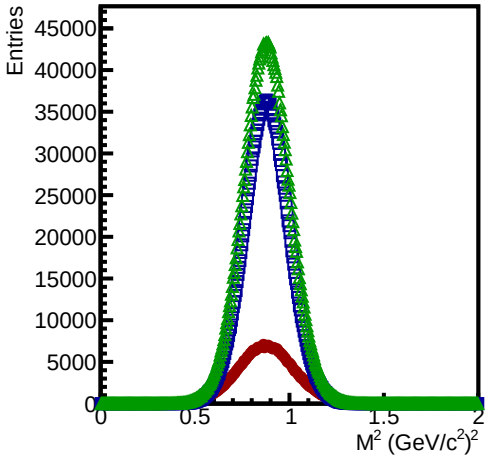
Mean y_{cm}(TOF700) = 0.561921

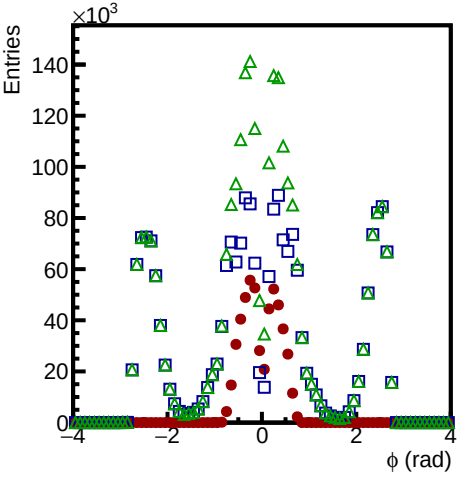

0.2<p_T<0.4 (GeV/c) | 0.6<y_cm<0.8
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.372975
Mean p_T(TOF700) = 0.319668
Mean y_cm(TOF400) = 0.624036
Mean y_cm(TOF700) = 0.700138









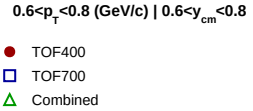


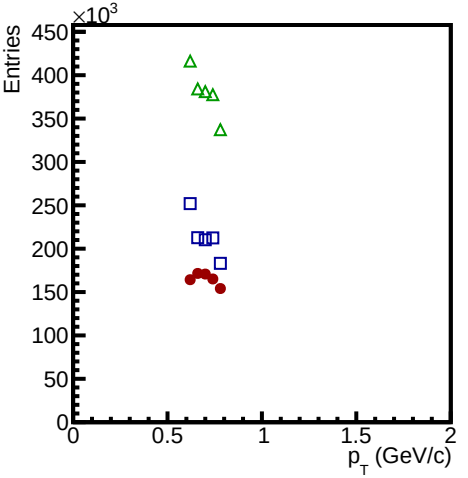
Mean p_T(TOF400) = 0.519129

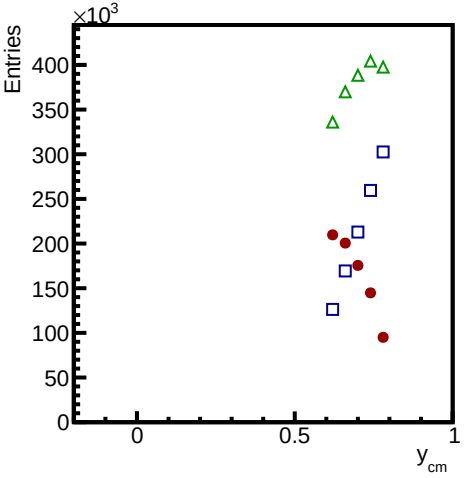
Mean p_T(TOF700) = 0.486315

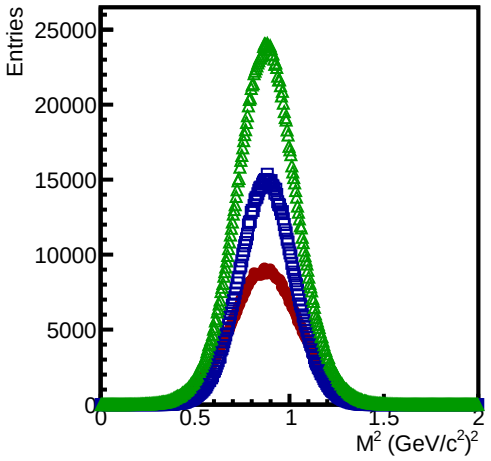
Mean y_{cm}(TOF400) = 0.658267

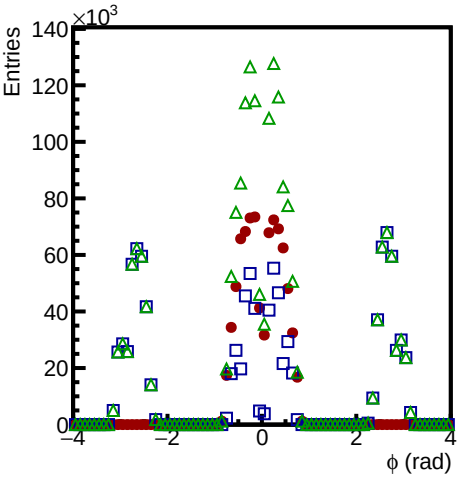
Mean y_{cm}(TOF700) = 0.715016









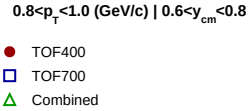


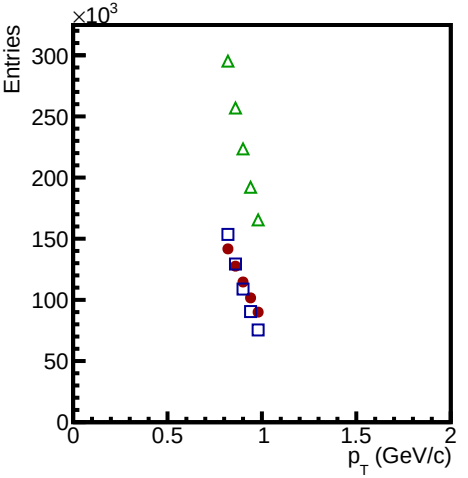
Mean p_T(TOF400) = 0.698702

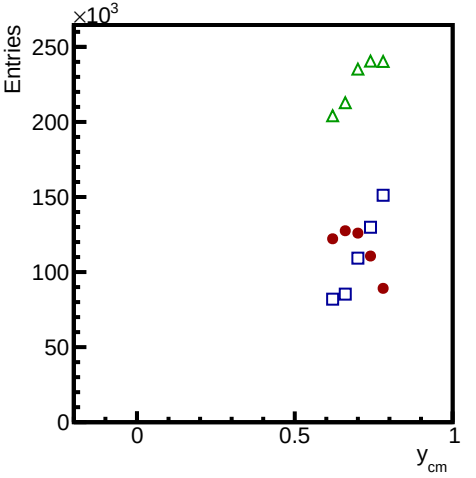
Mean p_T(TOF700) = 0.694844

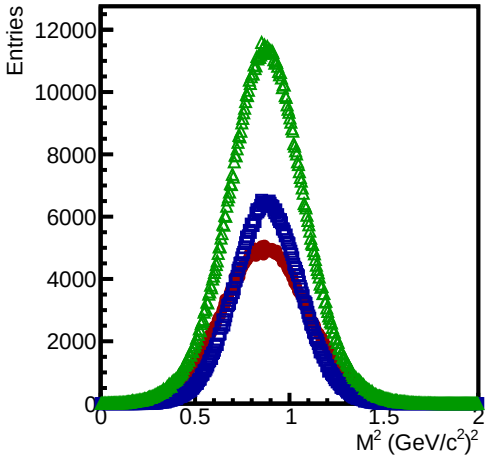
Mean y_{cm}(TOF400) = 0.686182

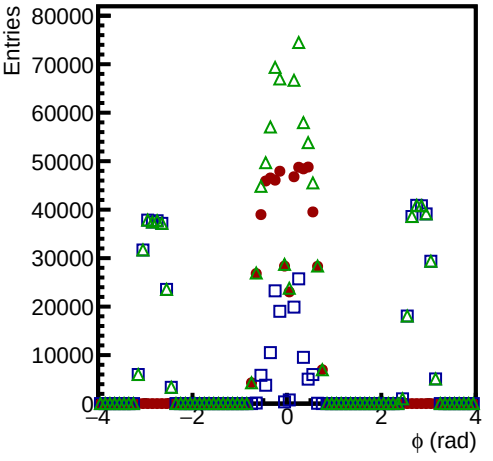
Mean y_{cm}(TOF700) = 0.716545









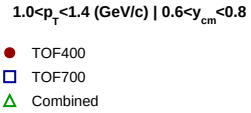


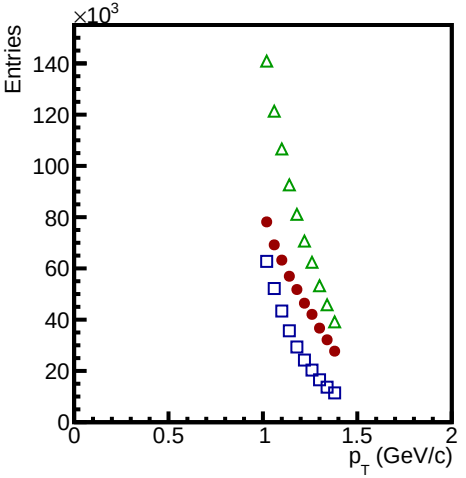
Mean p_T(TOF400) = 0.891008

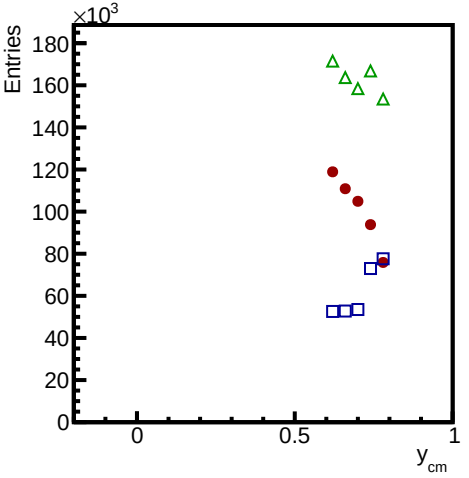
Mean p_T(TOF700) = 0.886002

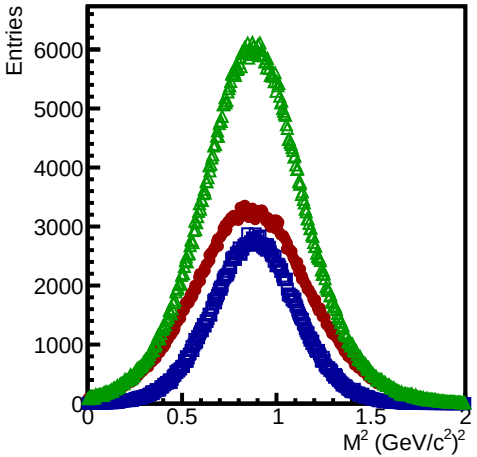
Mean y_{cm}(TOF400) = 0.694239

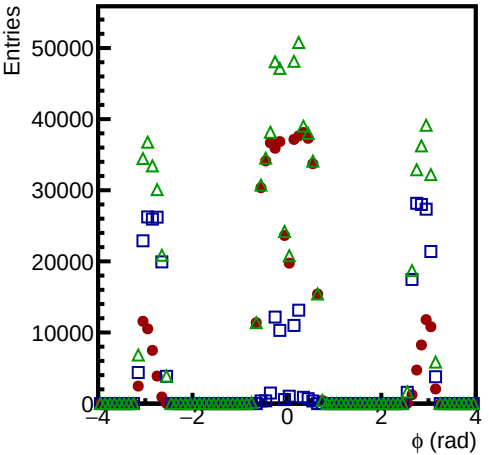
Mean y_{cm}(TOF700) = 0.713127









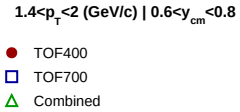


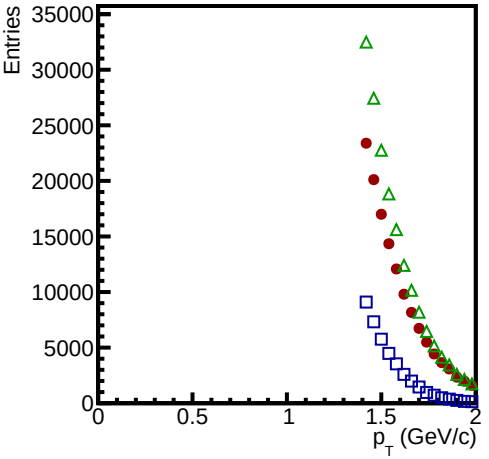
Mean p_T(TOF400) = 1.164473

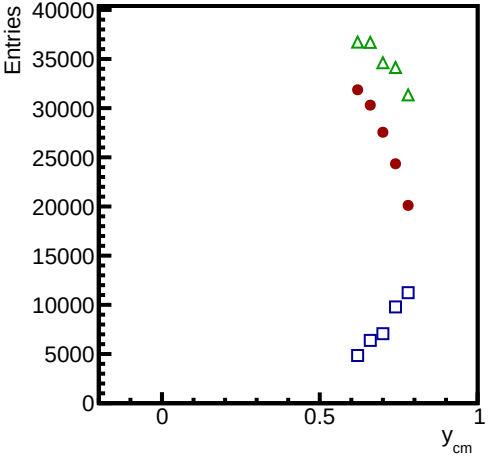
Mean p_T(TOF700) = 1.140764

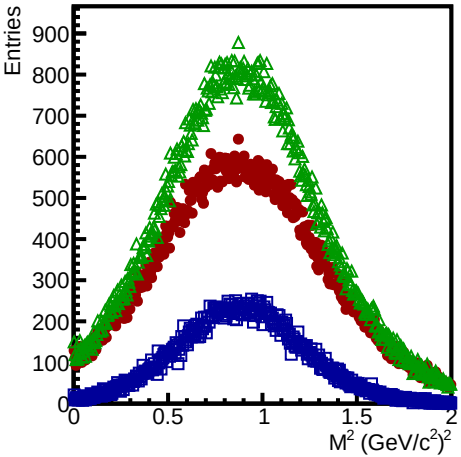
Mean y_{cm}(TOF400) = 0.691822

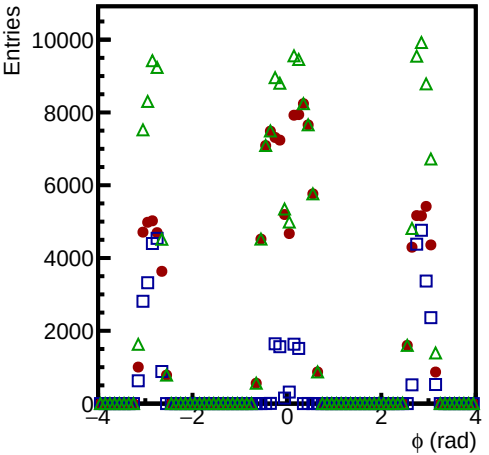
Mean y_{cm}(TOF700) = 0.709079









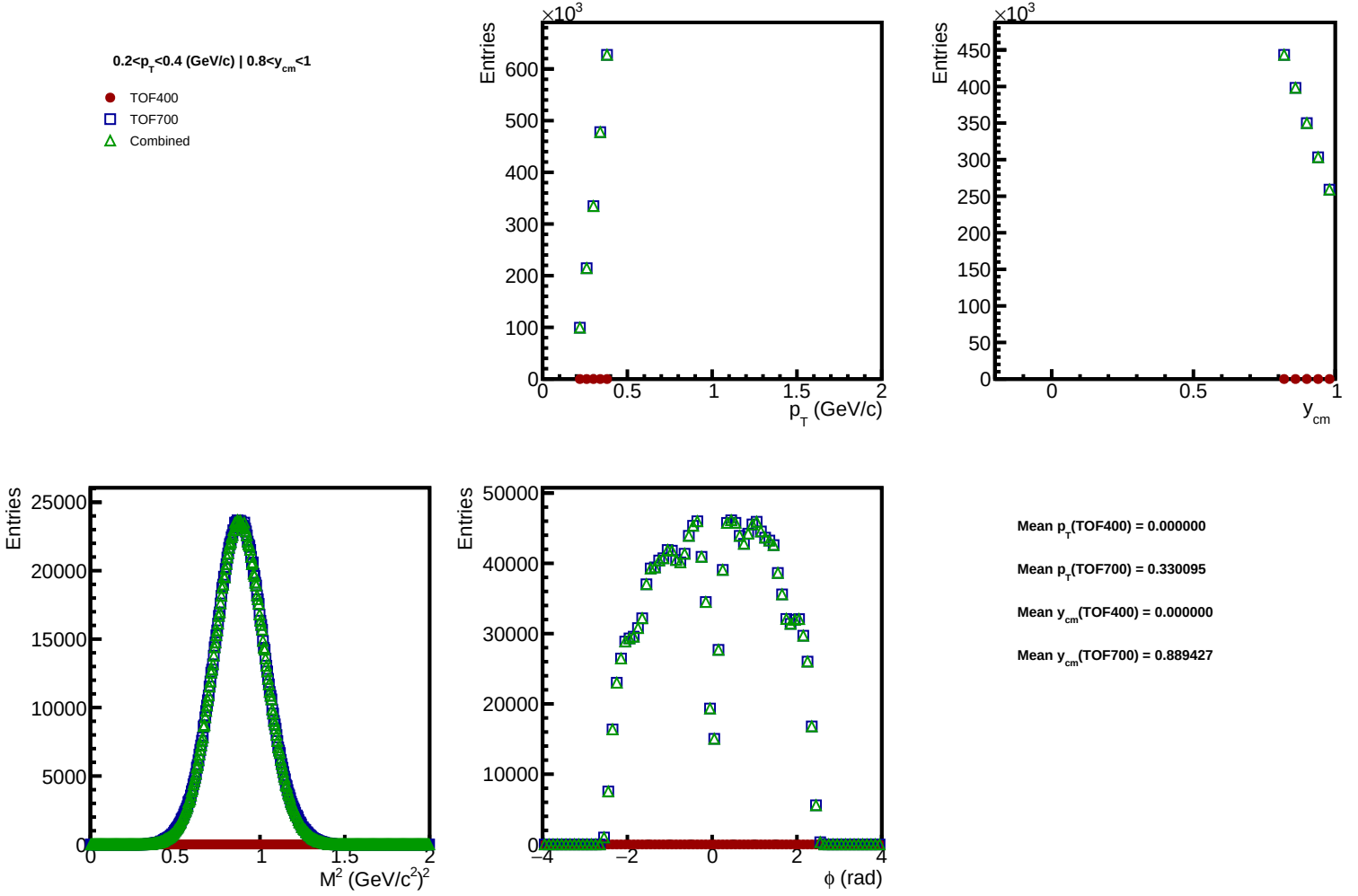


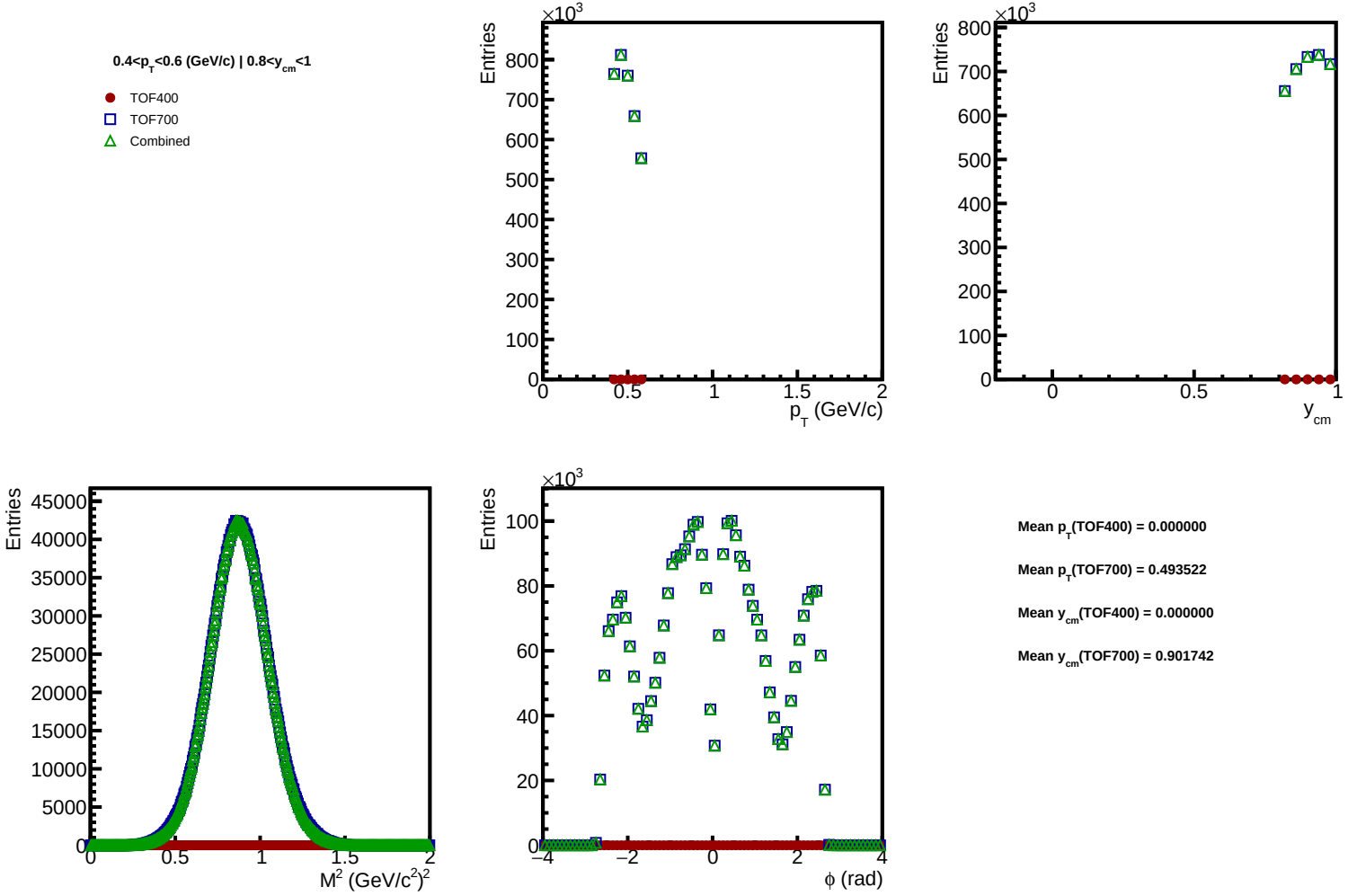
Mean p_T(TOF400) = 1.575254

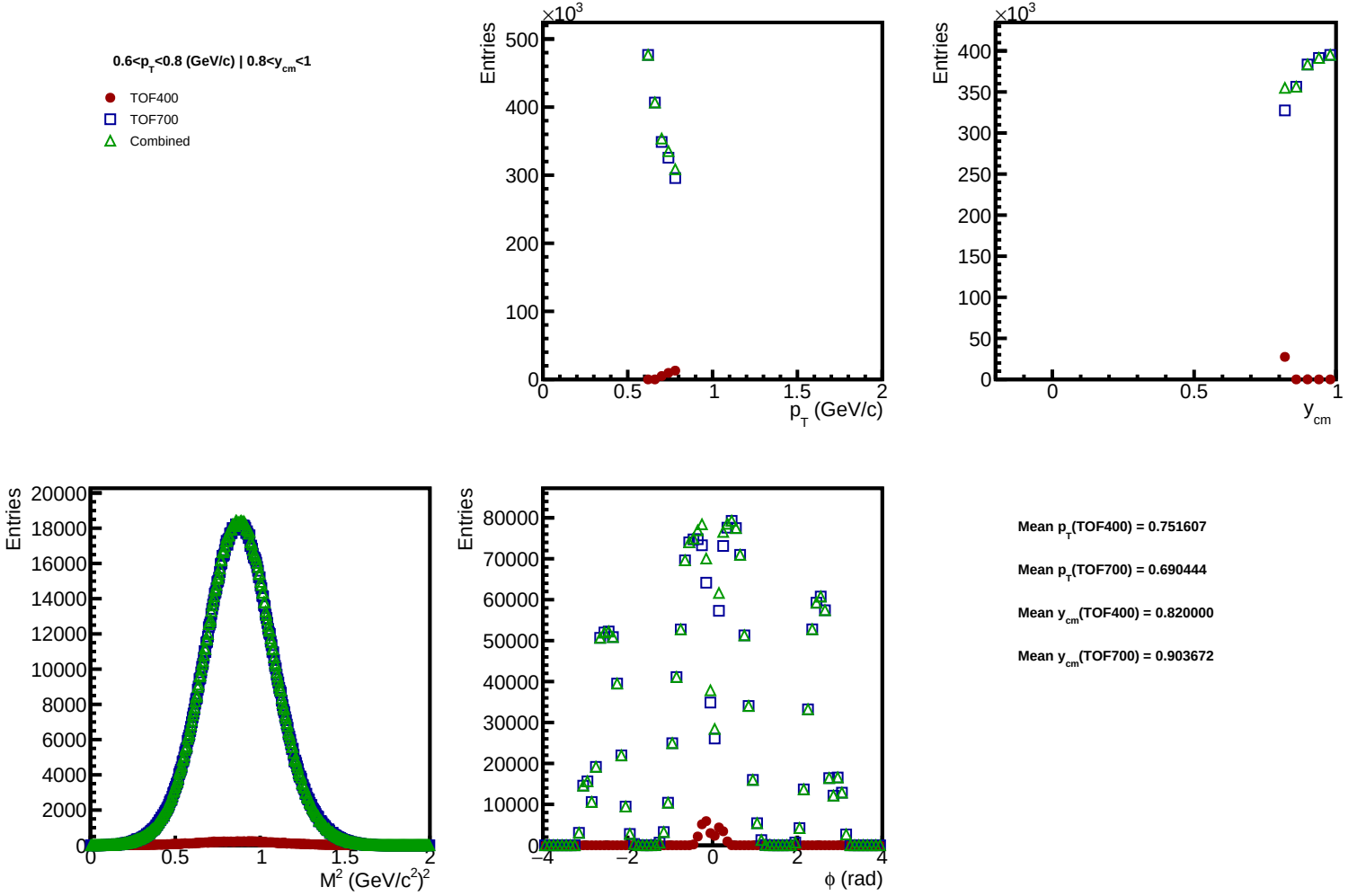
Mean p_T(TOF700) = 1.533549

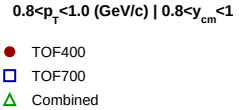
Mean y_{cm}(TOF400) = 0.691215

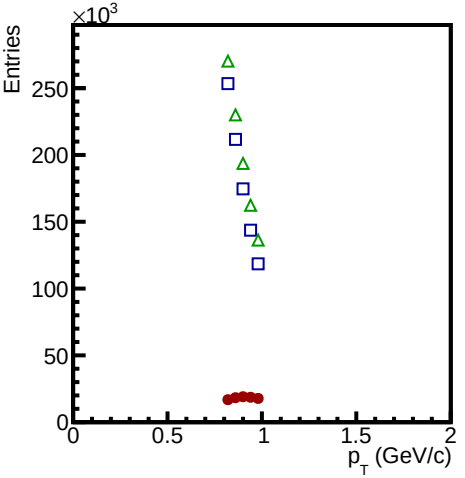
Mean y_{cm}(TOF700) = 0.716464

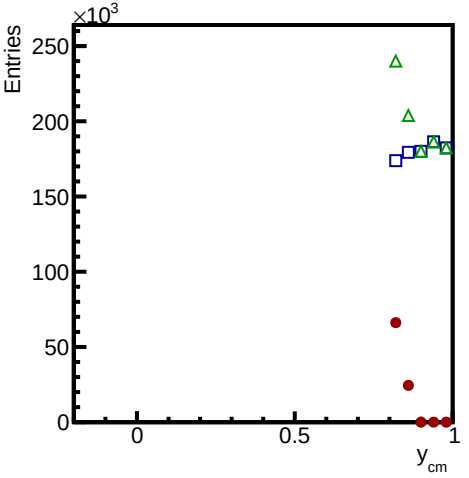

0.2<p_T<0.4 (GeV/c) | 0.8<y_cm<1
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.000000
Mean p_T(TOF700) = 0.330095
Mean y_cm(TOF400) = 0.000000
Mean y_cm(TOF700) = 0.889427

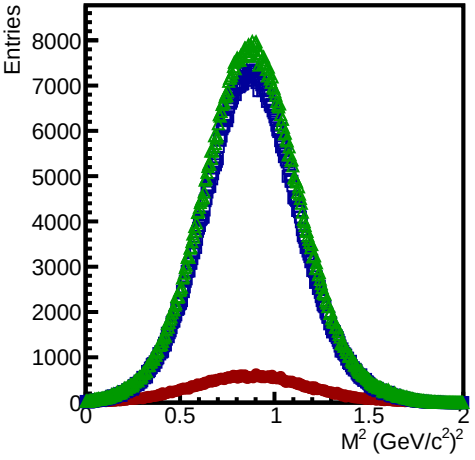

0.4<p_T<0.6 (GeV/c) | 0.8<y_cm<1
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.000000
Mean p_T(TOF700) = 0.493522
Mean y_cm(TOF400) = 0.000000
Mean y_cm(TOF700) = 0.901742

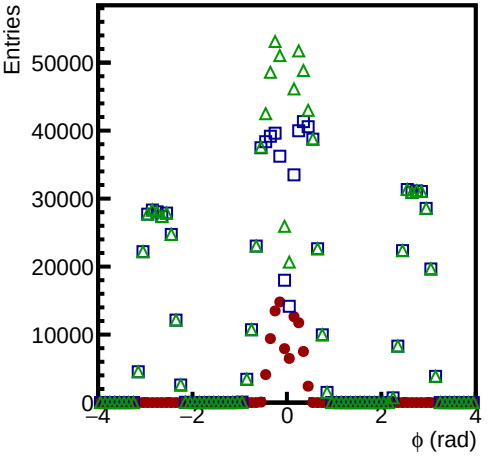

0.6<p_T<0.8 (GeV/c) | 0.8<y_cm<1
TOF400
TOF700
Combined
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.751607
Mean p_T(TOF700) = 0.690444
Mean y_cm(TOF400) = 0.820000
Mean y_cm(TOF700) = 0.903672









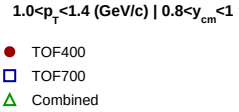


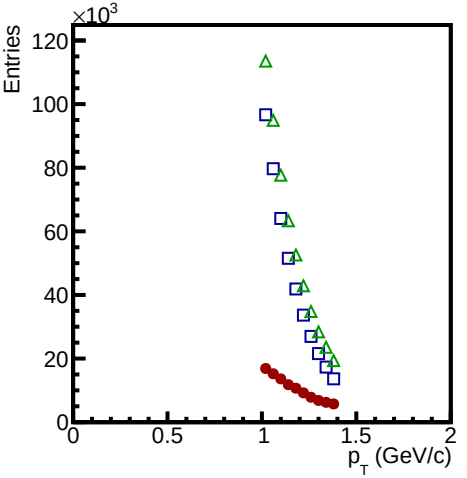
Mean p_T(TOF400) = 0.900968

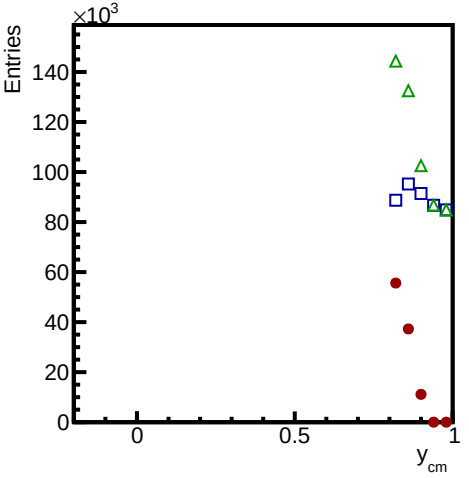
Mean p_T(TOF700) = 0.885020

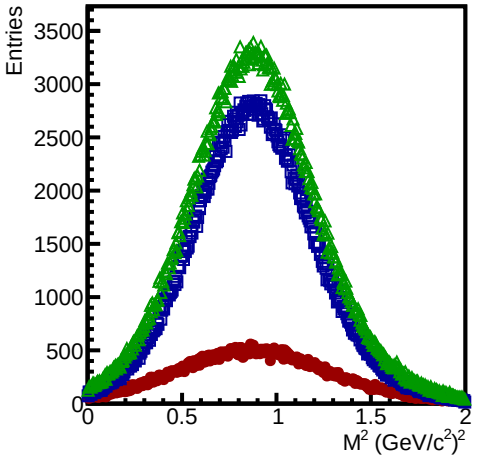
Mean y_{cm}(TOF400) = 0.830794

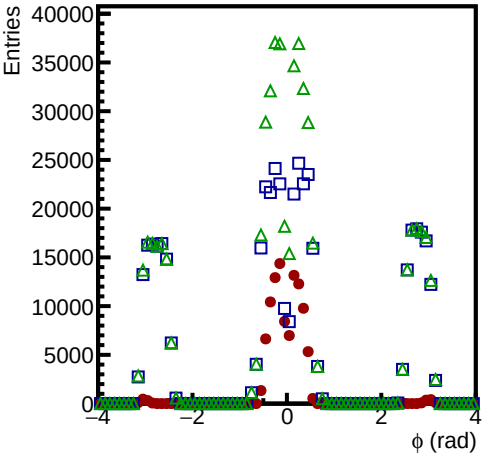
Mean y_{cm}(TOF700) = 0.901061









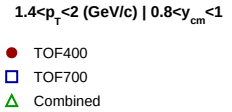


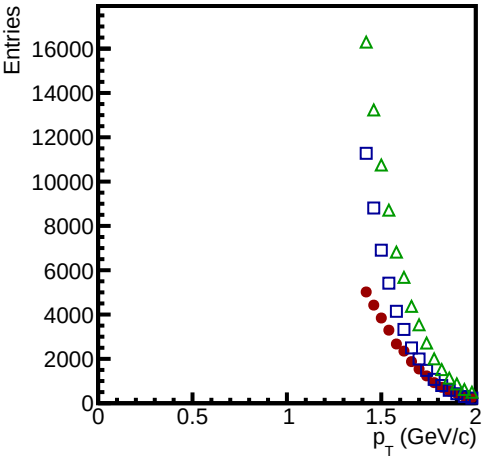
Mean p_T(TOF400) = 1.159544

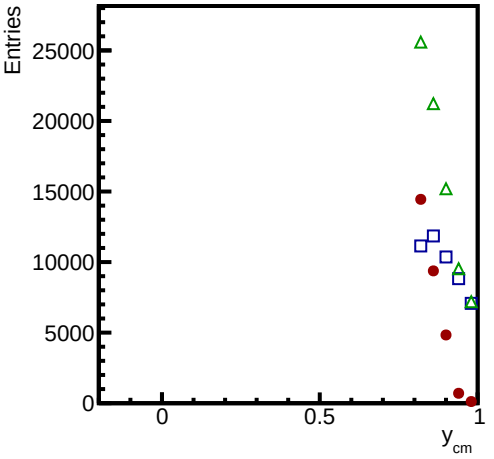
Mean p_T(TOF700) = 1.133858

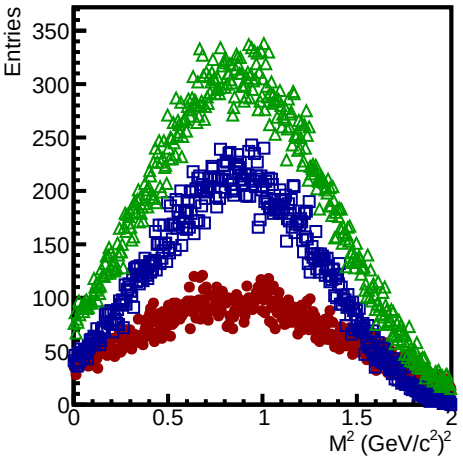
Mean y_{cm}(TOF400) = 0.842888

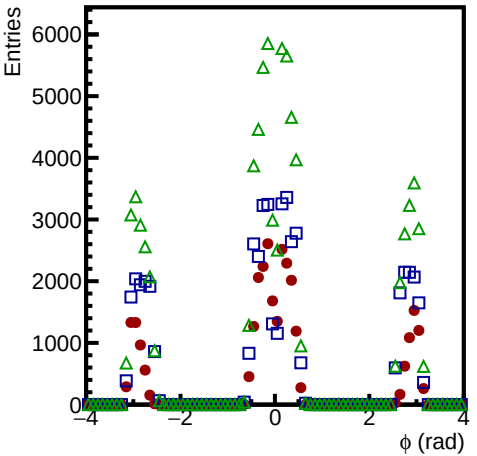
Mean y_{cm}(TOF700) = 0.898546











Mean p_T(TOF400) = 1.570707

Mean p_T(TOF700) = 1.541101

Mean y_{cm}(TOF400) = 0.849330

Mean y_{cm}(TOF700) = 0.890935