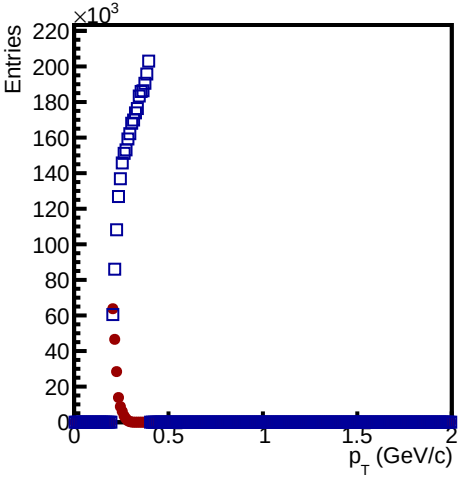
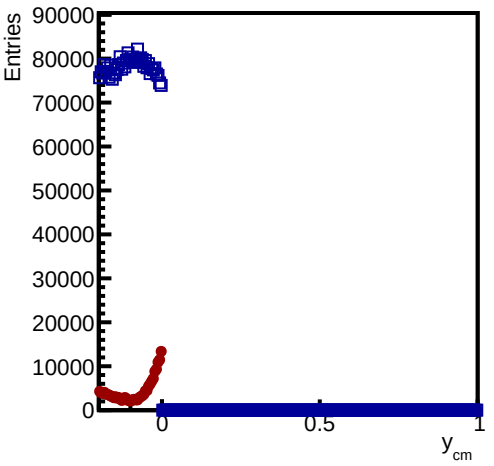
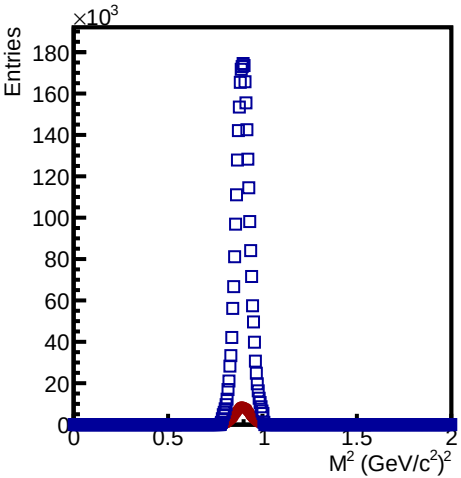
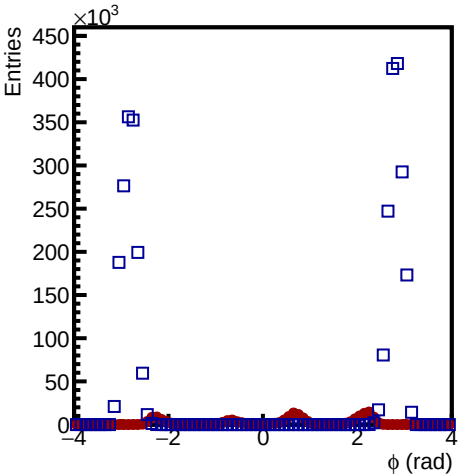








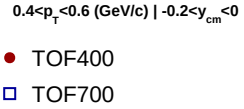


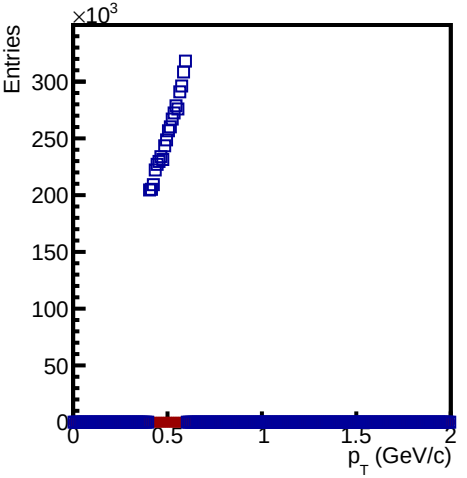
Mean p_T(TOF400) = 0.219632

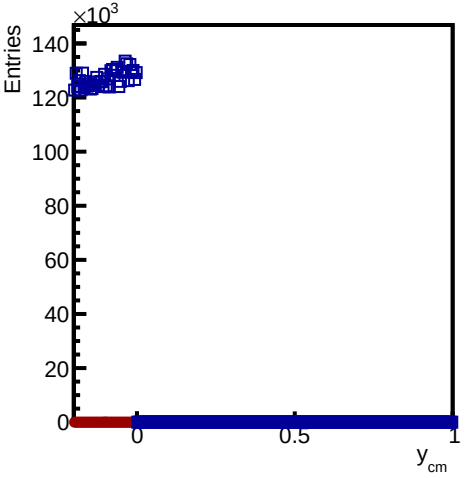
Mean p_T(TOF700) = 0.312453

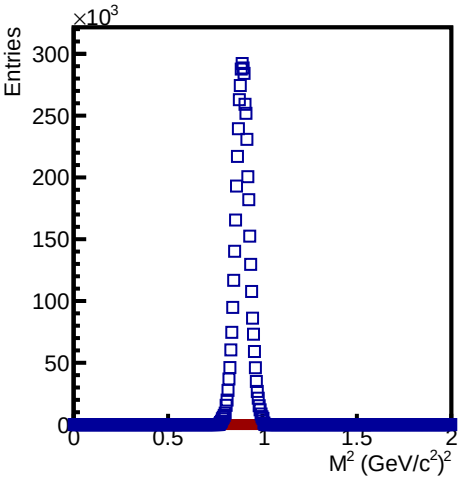
Mean y_{cm}(TOF400) = -0.076799

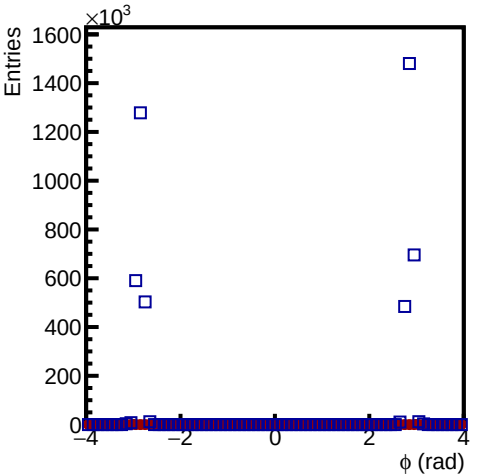
Mean y_{cm}(TOF700) = -0.099990









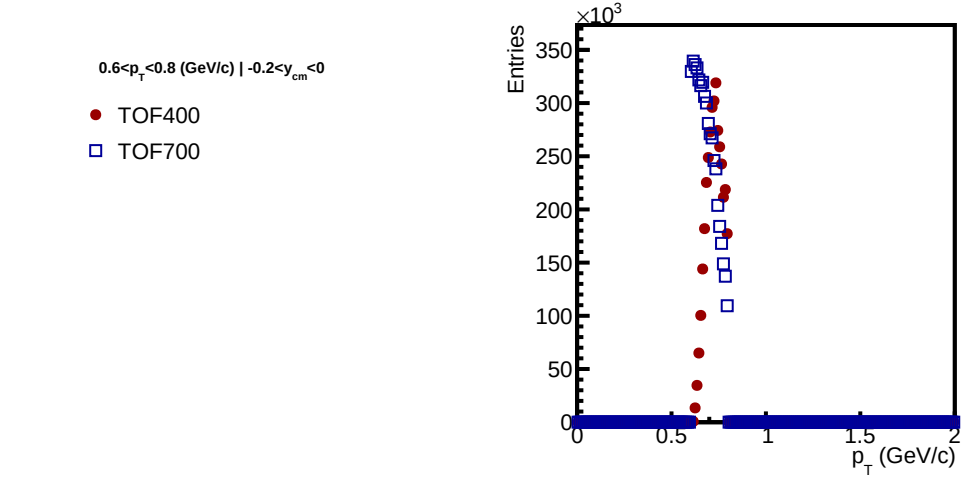


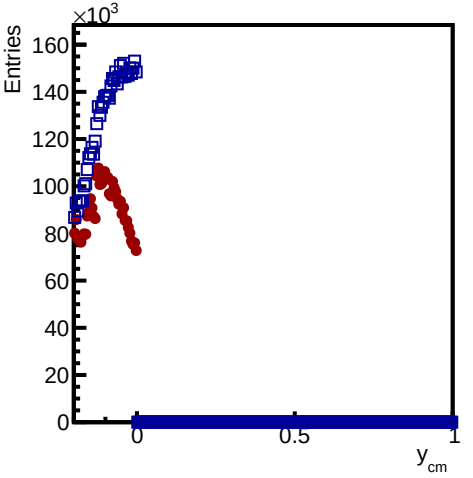
Mean p_T(TOF400) = 0.000000

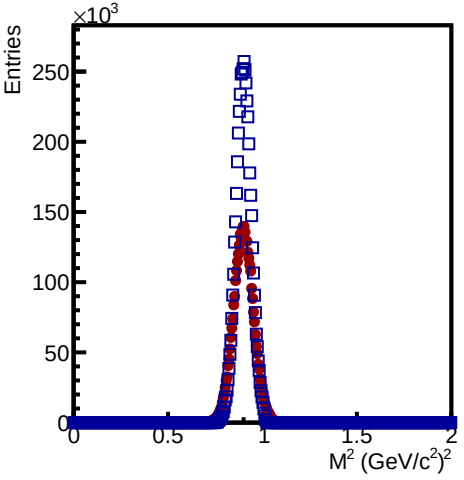
Mean p_T(TOF700) = 0.507476

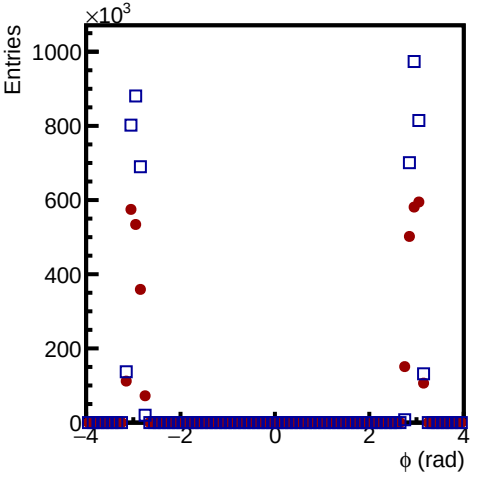
Mean y_{cm}(TOF400) = 0.000000

Mean y_{cm}(TOF700) = -0.099192







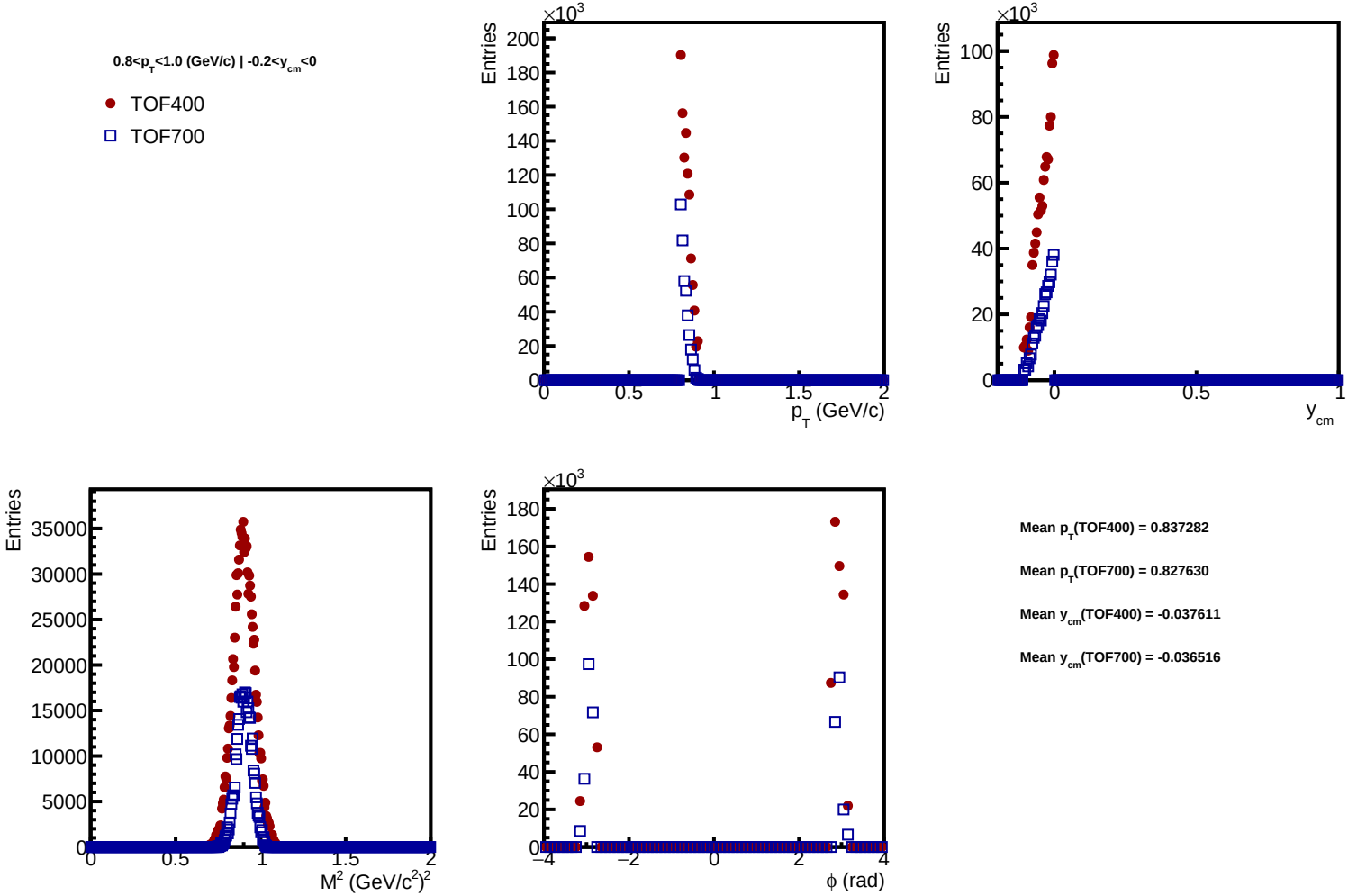


Mean p_T(TOF400) = 0.725797

Mean p_T(TOF700) = 0.684406

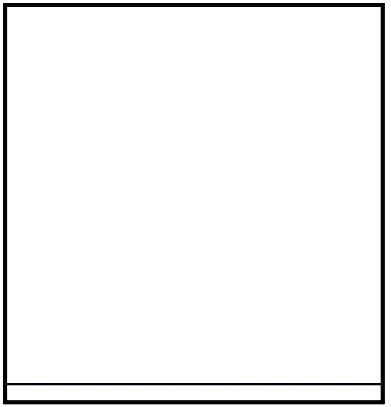
Mean y_{cm}(TOF400) = -0.100060

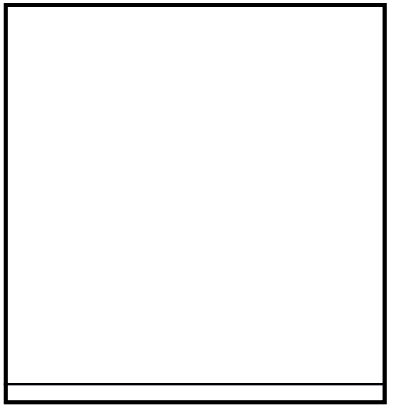
Mean y_{cm}(TOF700) = -0.091038

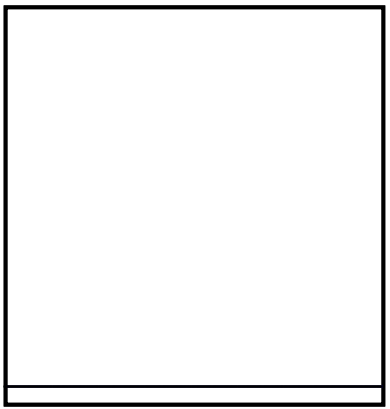

0.8<p_T<1.0 (GeV/c) | -0.2<y_cm<0
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.837282
Mean p_T(TOF700) = 0.827630
Mean y_cm(TOF400) = -0.037611
Mean y_cm(TOF700) = -0.036516

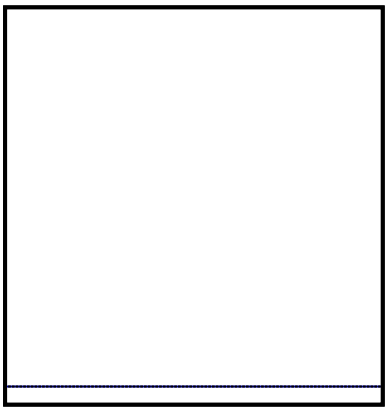
$1.0<p_T<1.4$ (GeV/c) | $-0.2<y_{cm}<0$

- TOF400
- TOF700









Mean p_T(TOF400) = 0.000000

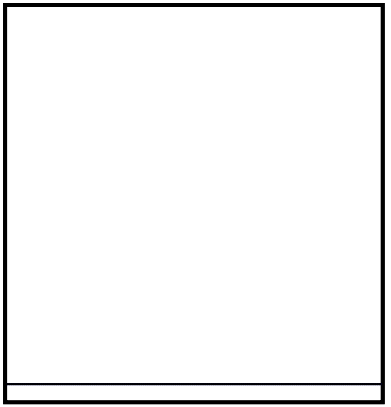
Mean p_T(TOF700) = 0.000000

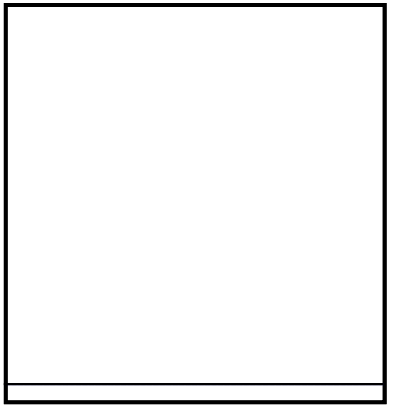
Mean y_{cm}(TOF400) = 0.000000

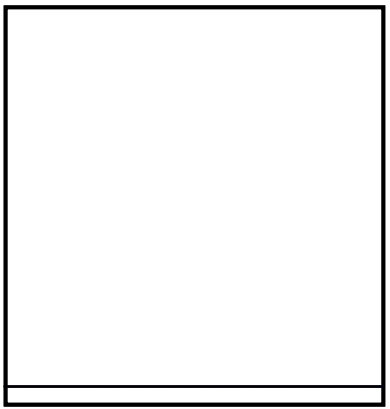
Mean y_{cm}(TOF700) = 0.000000

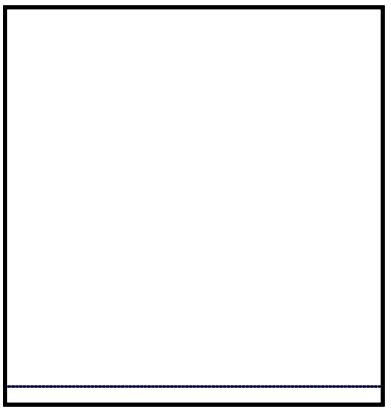
$1.4<p_T<2$ (GeV/c) | $-0.2<y_{cm}<0$

- TOF400
- TOF700







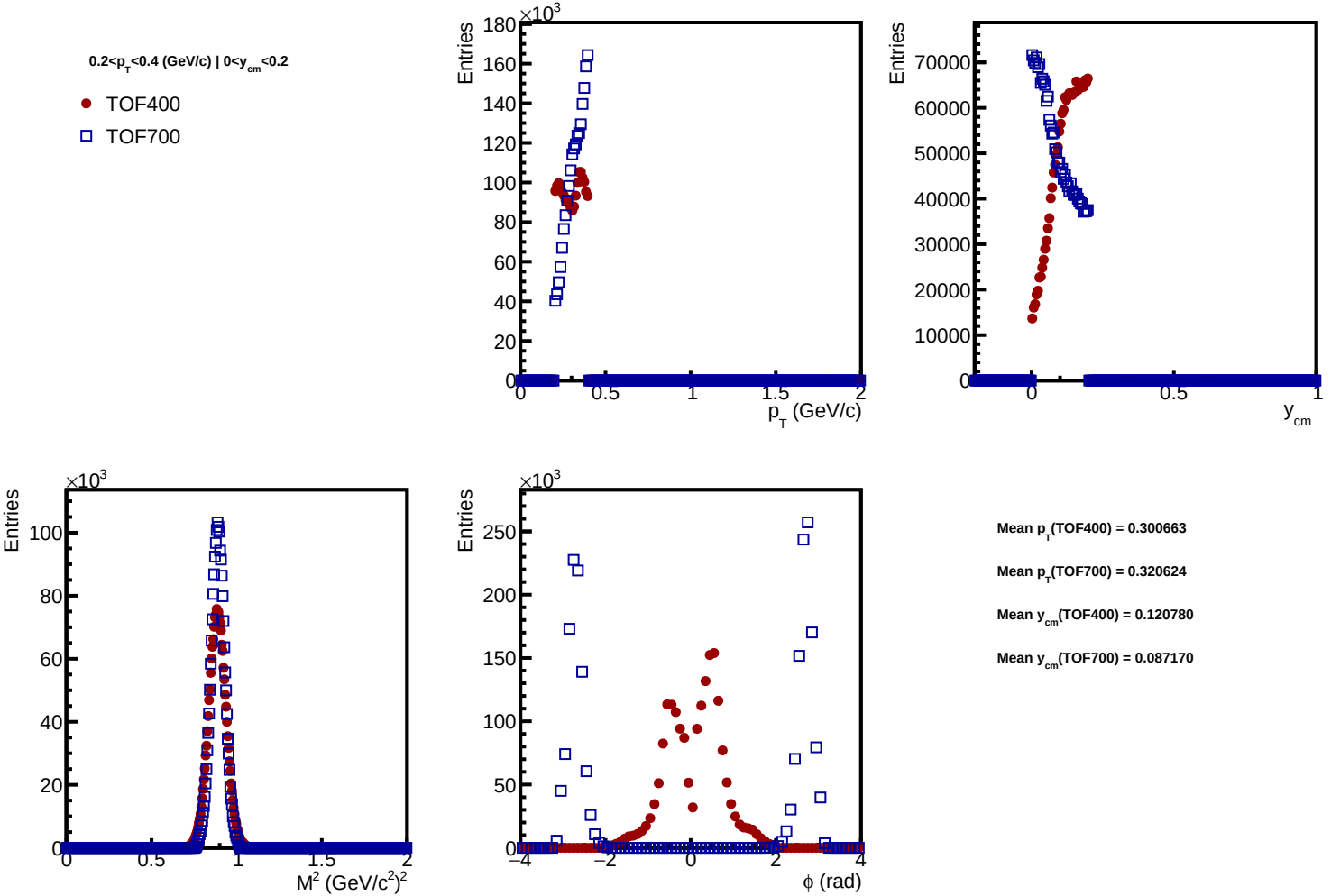


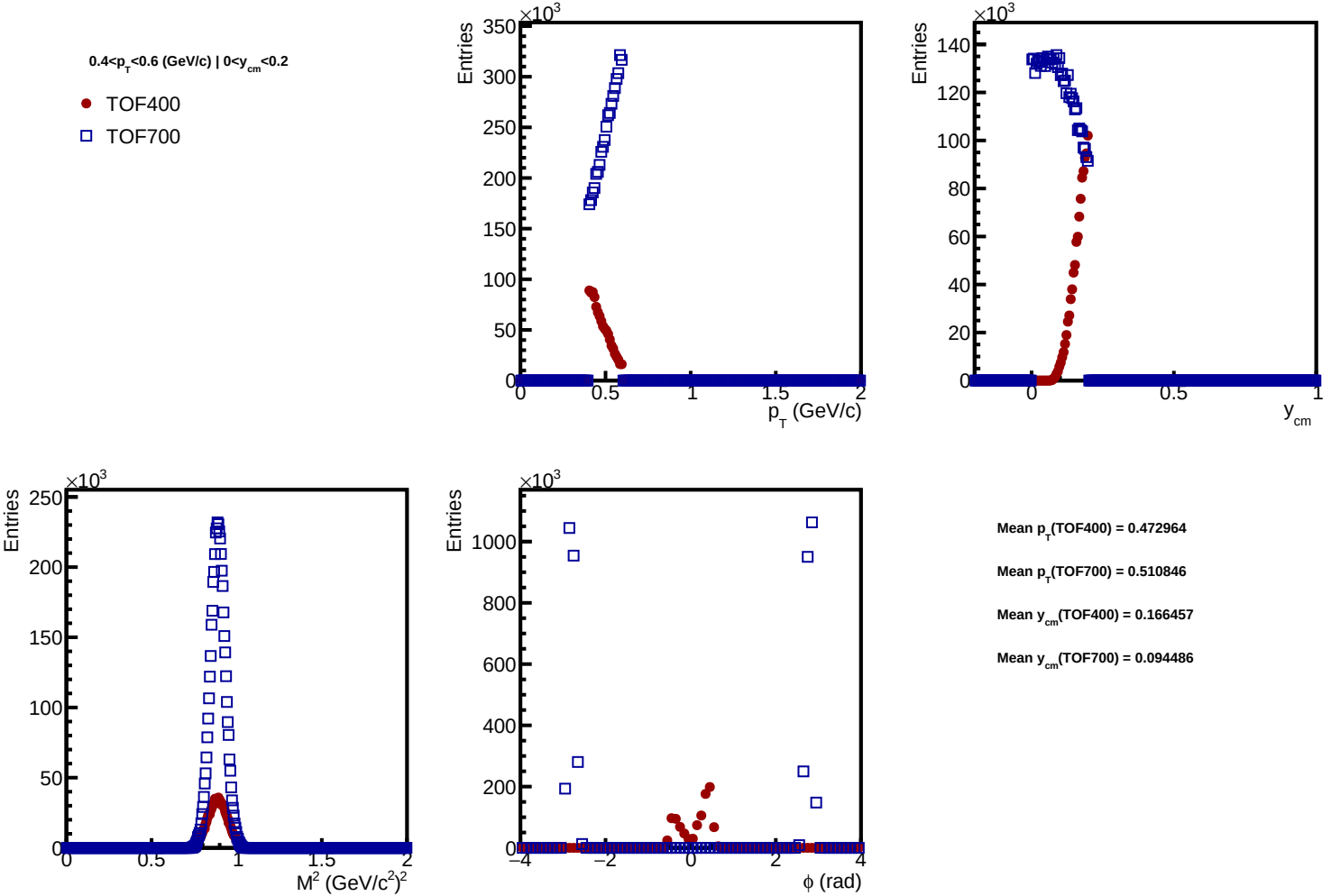
Mean p_T(TOF400) = 0.000000

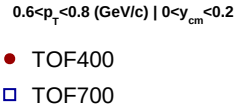
Mean p_T(TOF700) = 0.000000

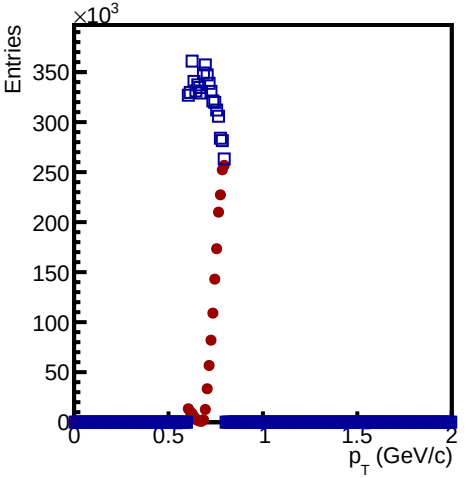
Mean y_{cm}(TOF400) = 0.000000

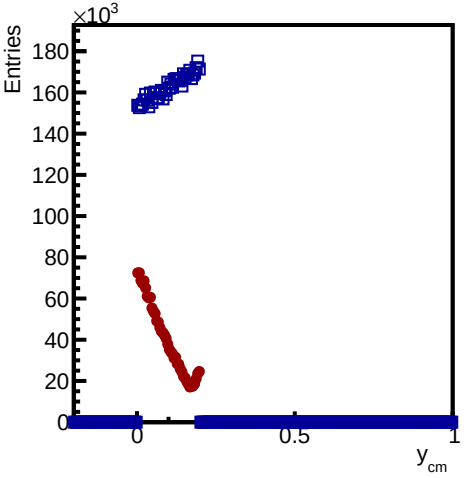
Mean y_{cm}(TOF700) = 0.000000

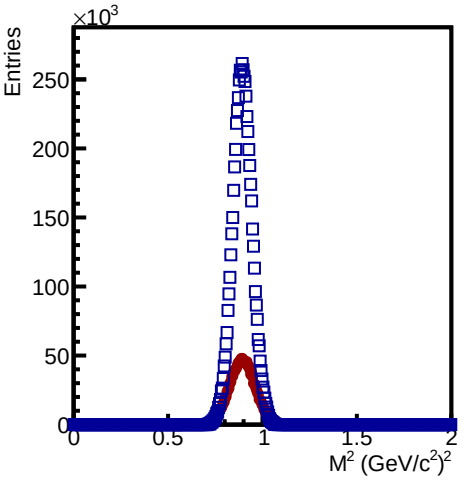

0.2<p_T<0.4 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.300663
Mean p_T(TOF700) = 0.320624
Mean y_cm(TOF400) = 0.120780
Mean y_cm(TOF700) = 0.087170

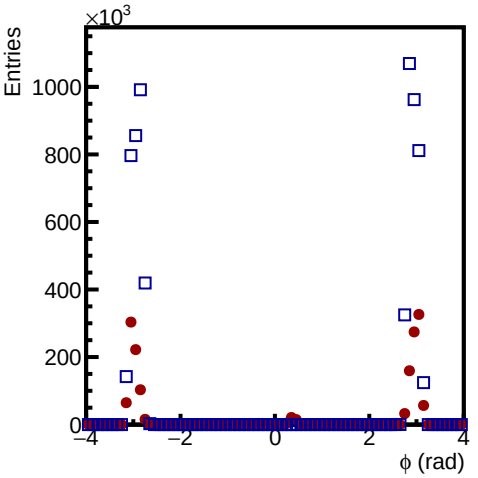

0.4<p_T<0.6 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.472964
Mean p_T(TOF700) = 0.510846
Mean y_cm(TOF400) = 0.166457
Mean y_cm(TOF700) = 0.094486









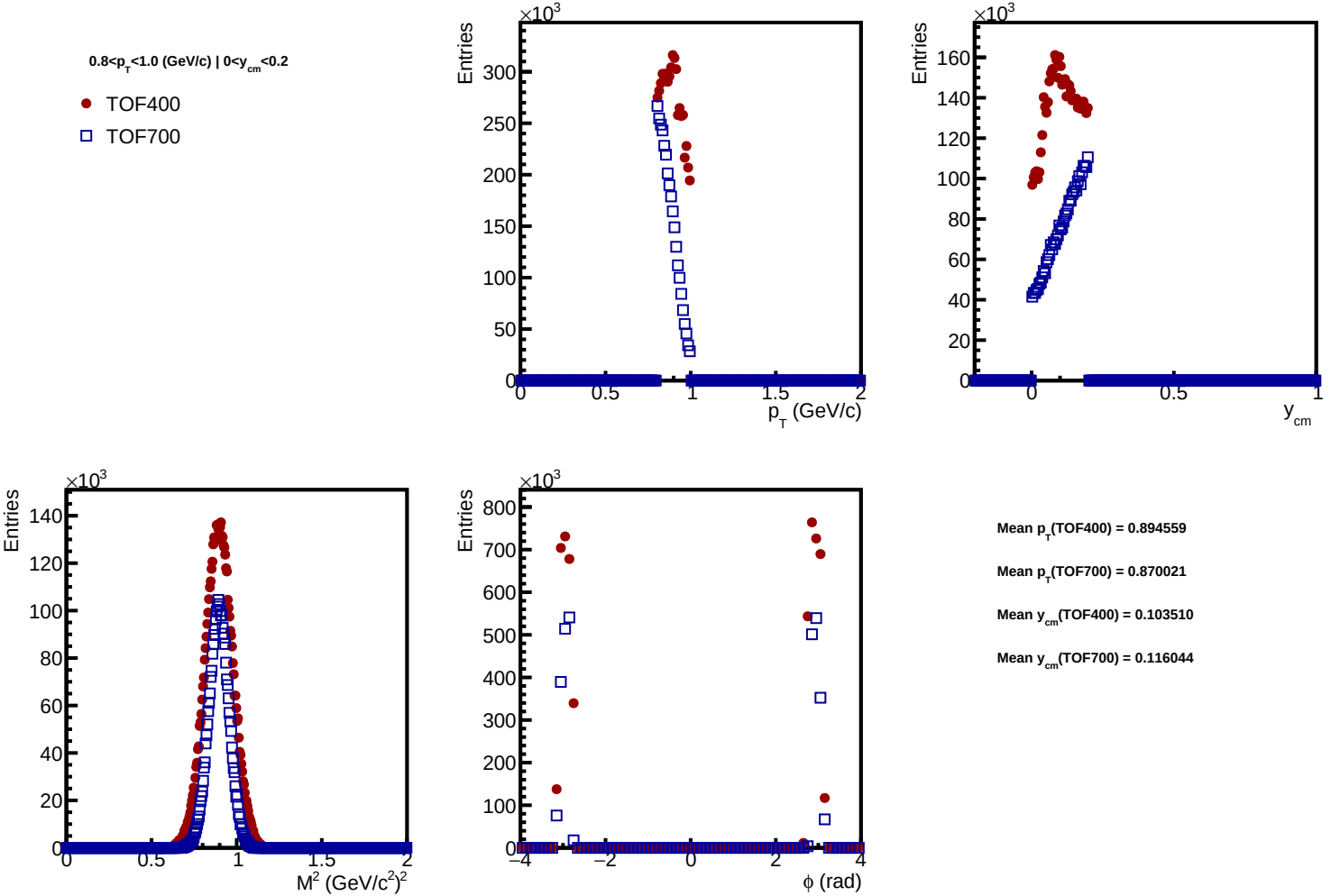


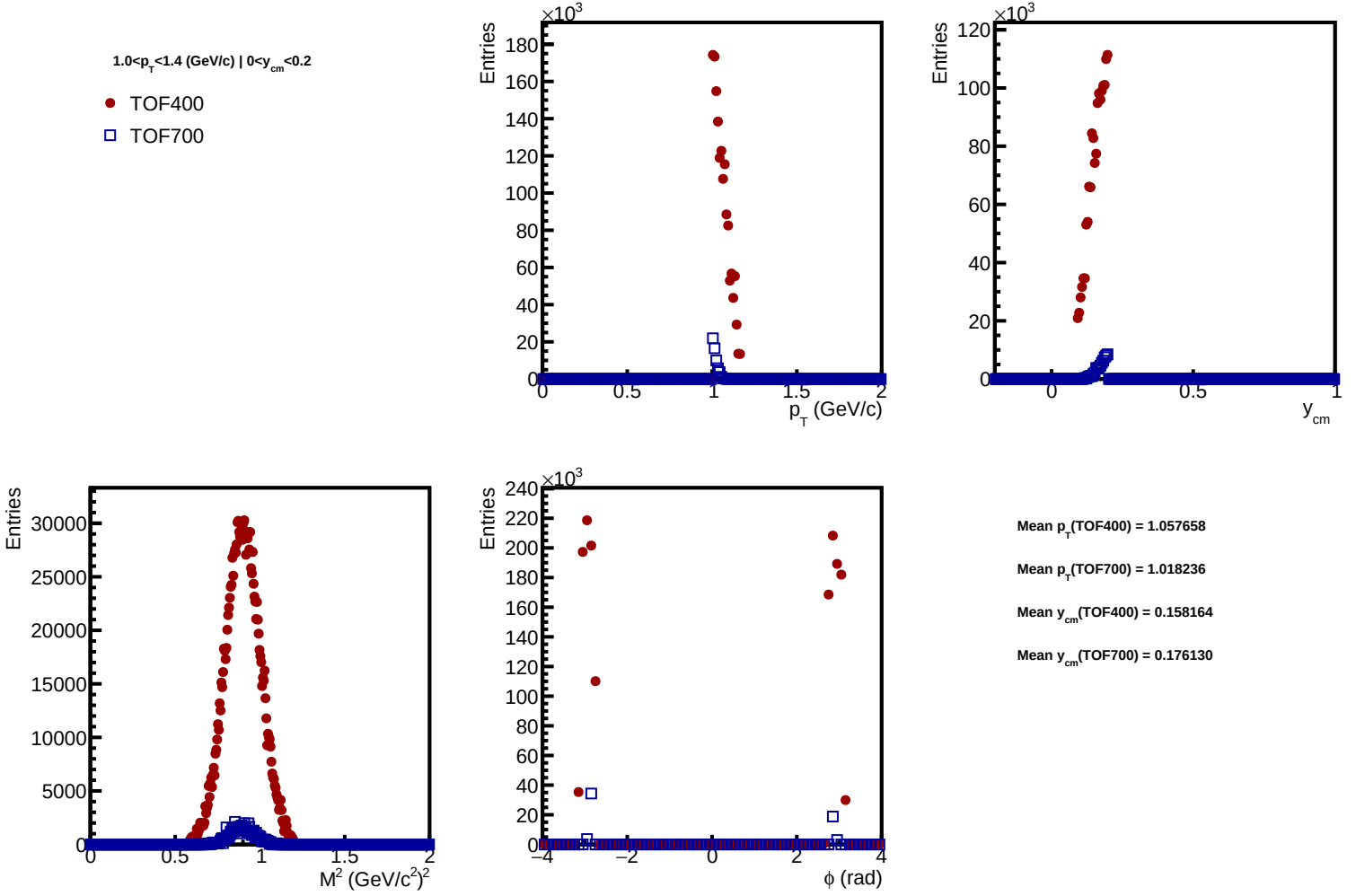
Mean p_T(TOF400) = 0.759753

Mean p_T(TOF700) = 0.696821

Mean y_{cm}(TOF400) = 0.075114

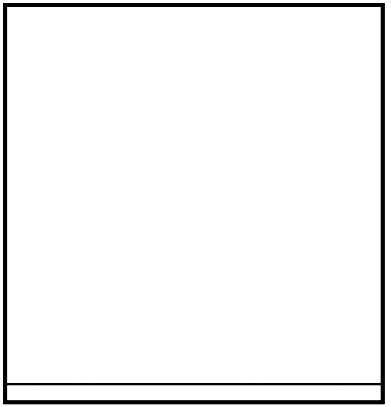
Mean y_{cm}(TOF700) = 0.101993

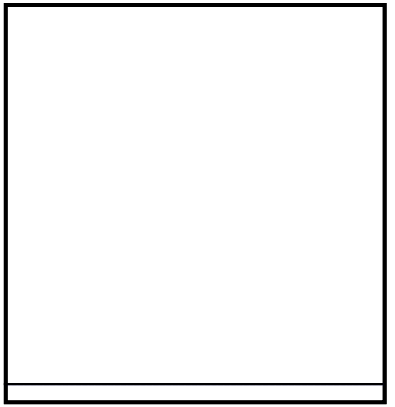

0.8<p_T<1.0 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.894559
Mean p_T(TOF700) = 0.870021
Mean y_cm(TOF400) = 0.103510
Mean y_cm(TOF700) = 0.116044

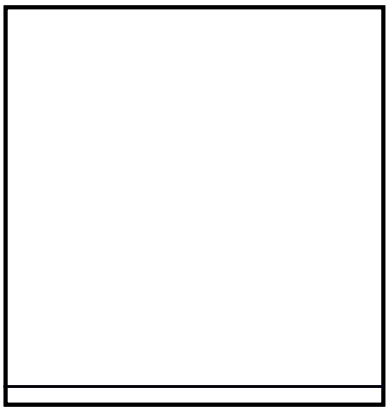

1.0<p_T<1.4 (GeV/c) | 0<y_cm<0.2
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.057658
Mean p_T(TOF700) = 1.018236
Mean y_cm(TOF400) = 0.158164
Mean y_cm(TOF700) = 0.176130

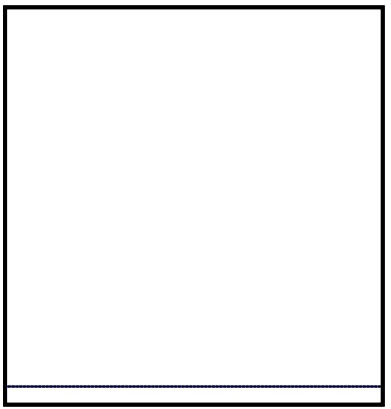
$1.4<p_T<2$ (GeV/c) | $0<y_{cm}<0.2$

- TOF400
- TOF700







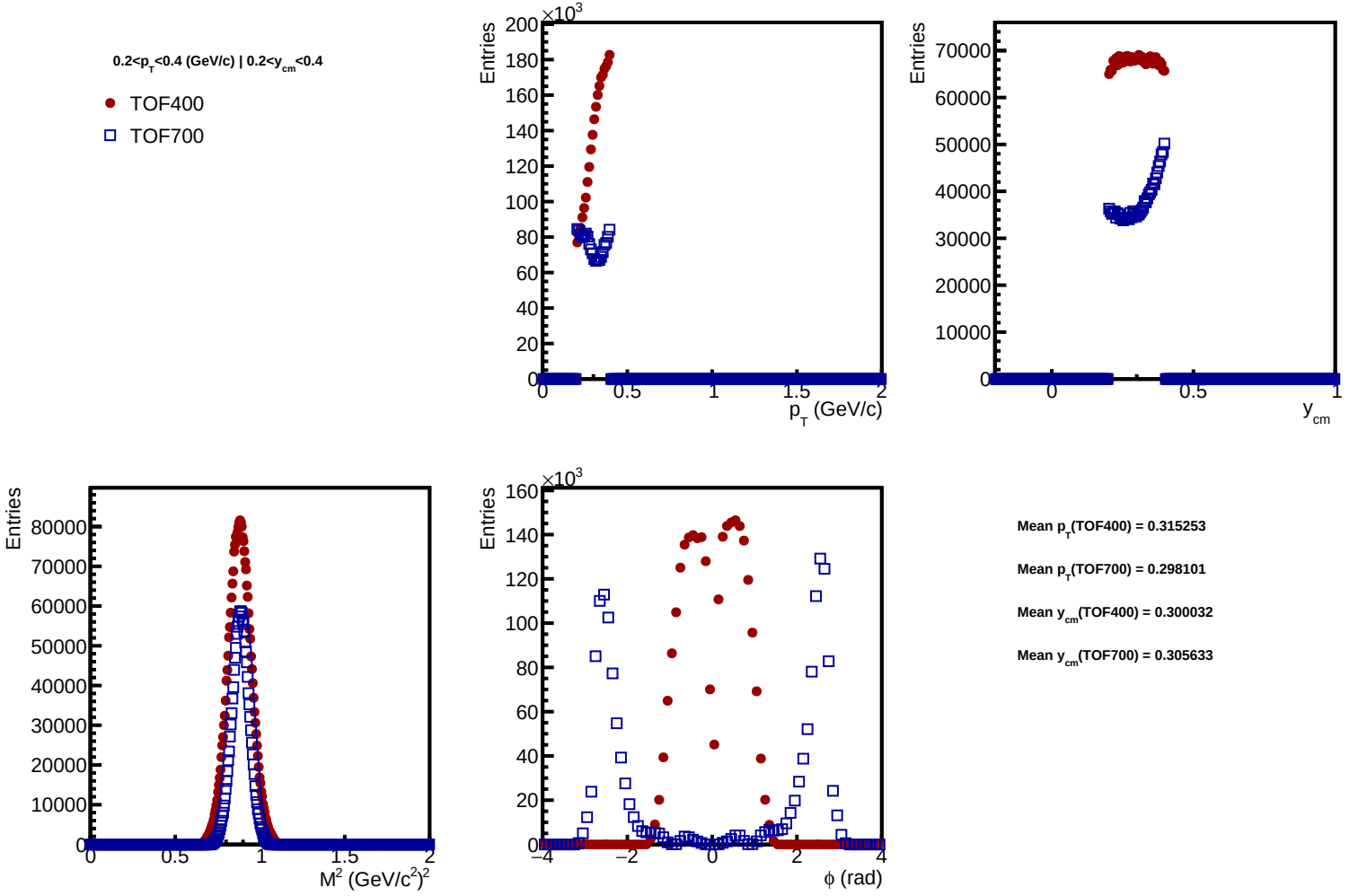


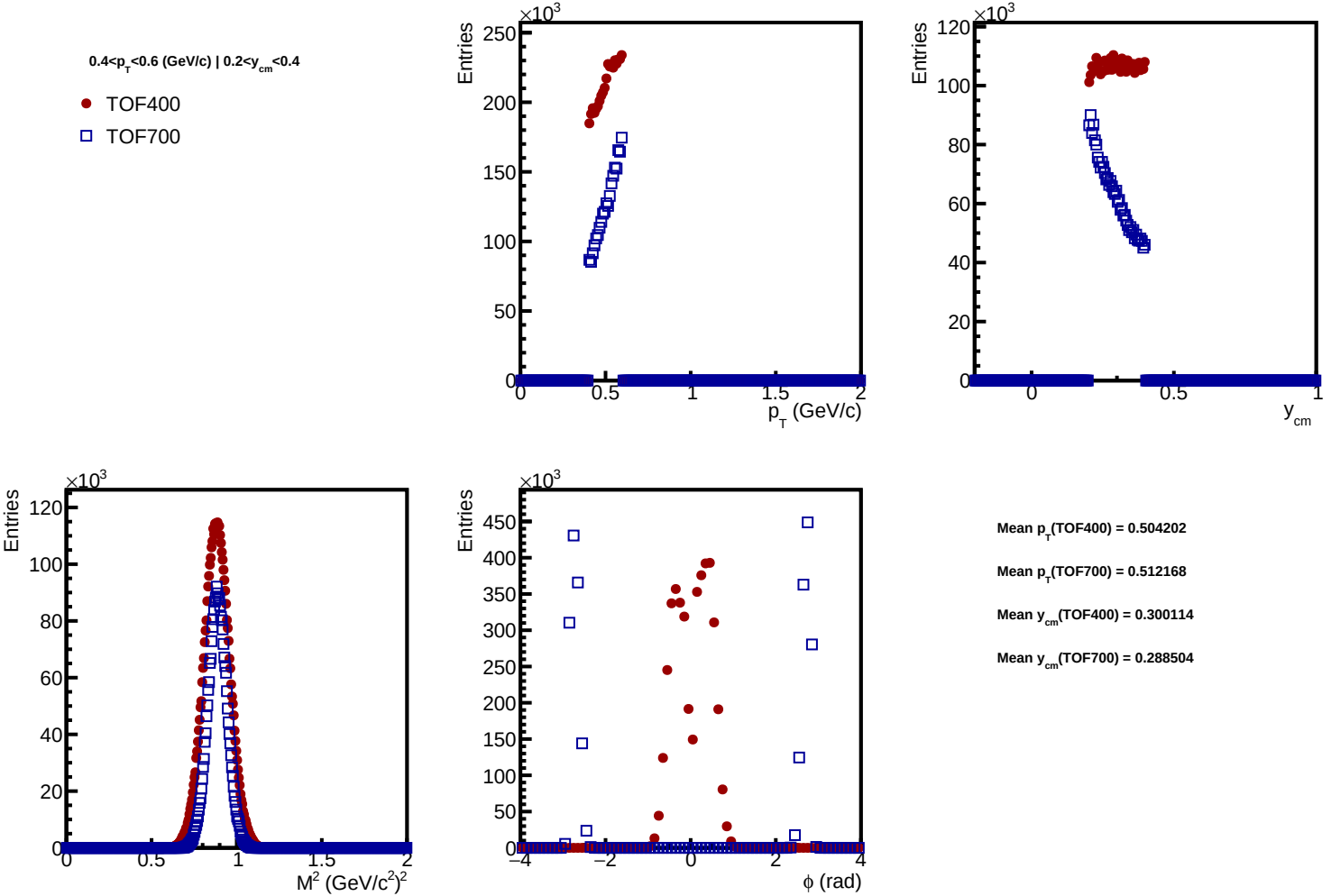
Mean p_T(TOF400) = 0.000000

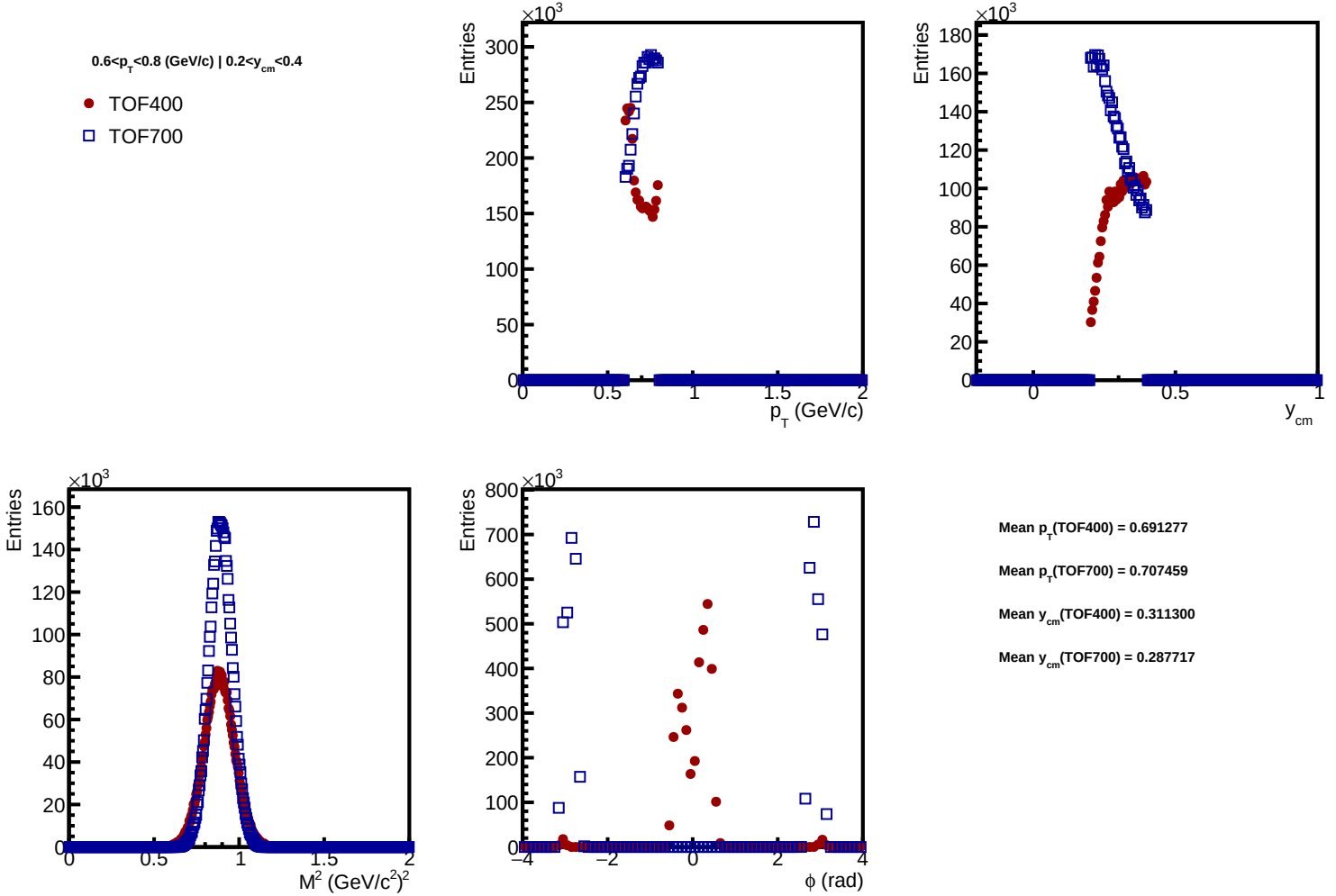
Mean p_T(TOF700) = 0.000000

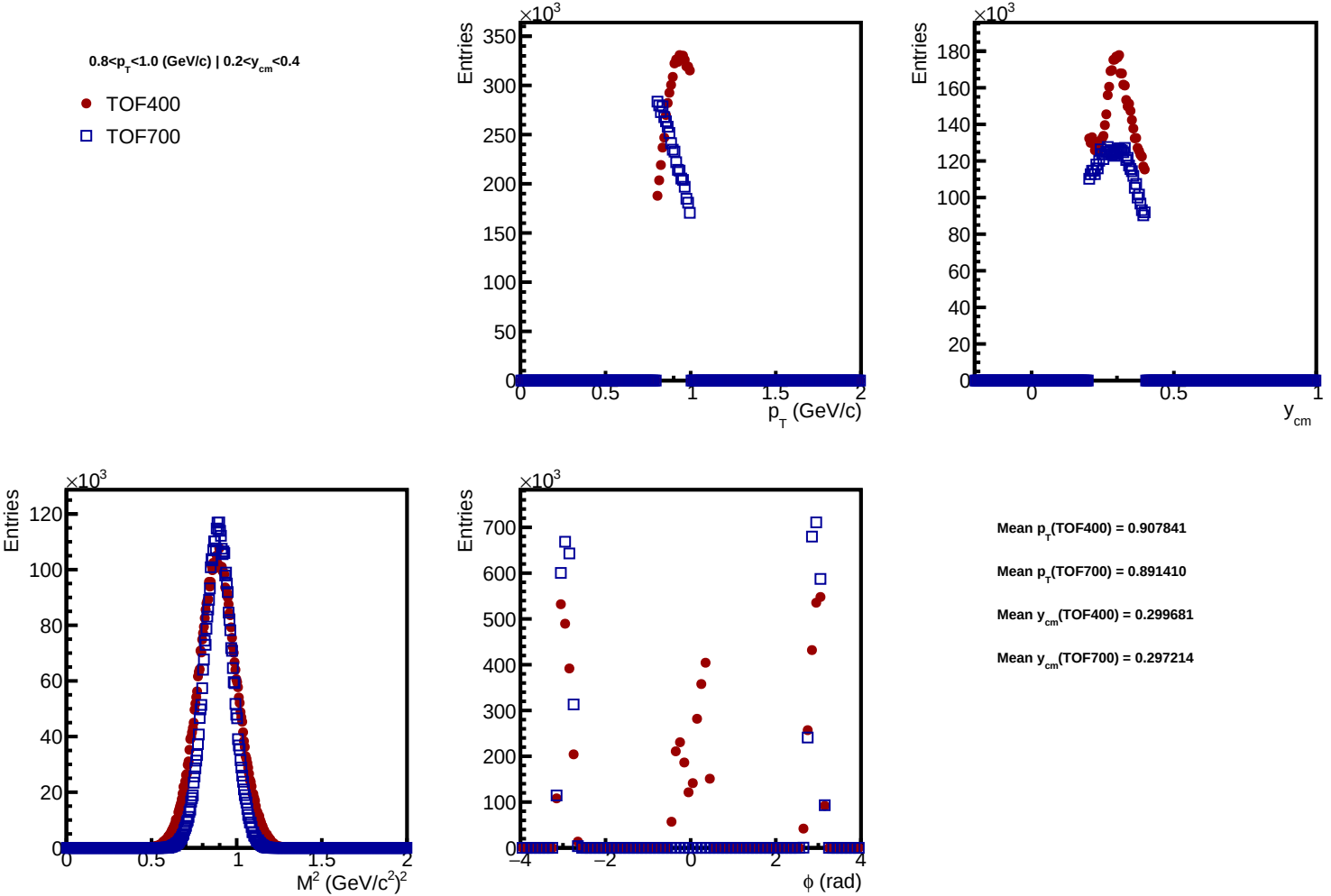
Mean y_{cm}(TOF400) = 0.000000

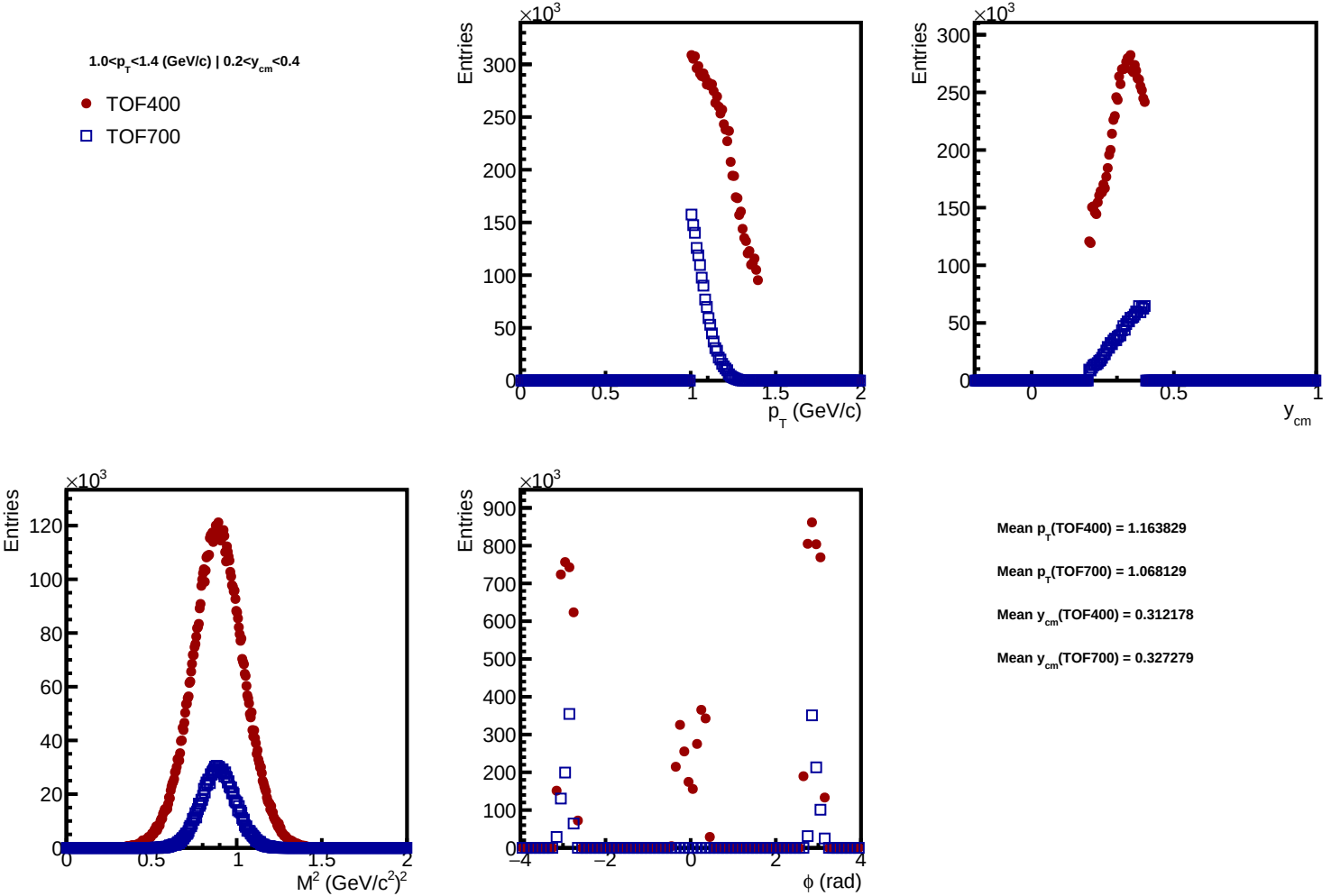
Mean y_{cm}(TOF700) = 0.000000

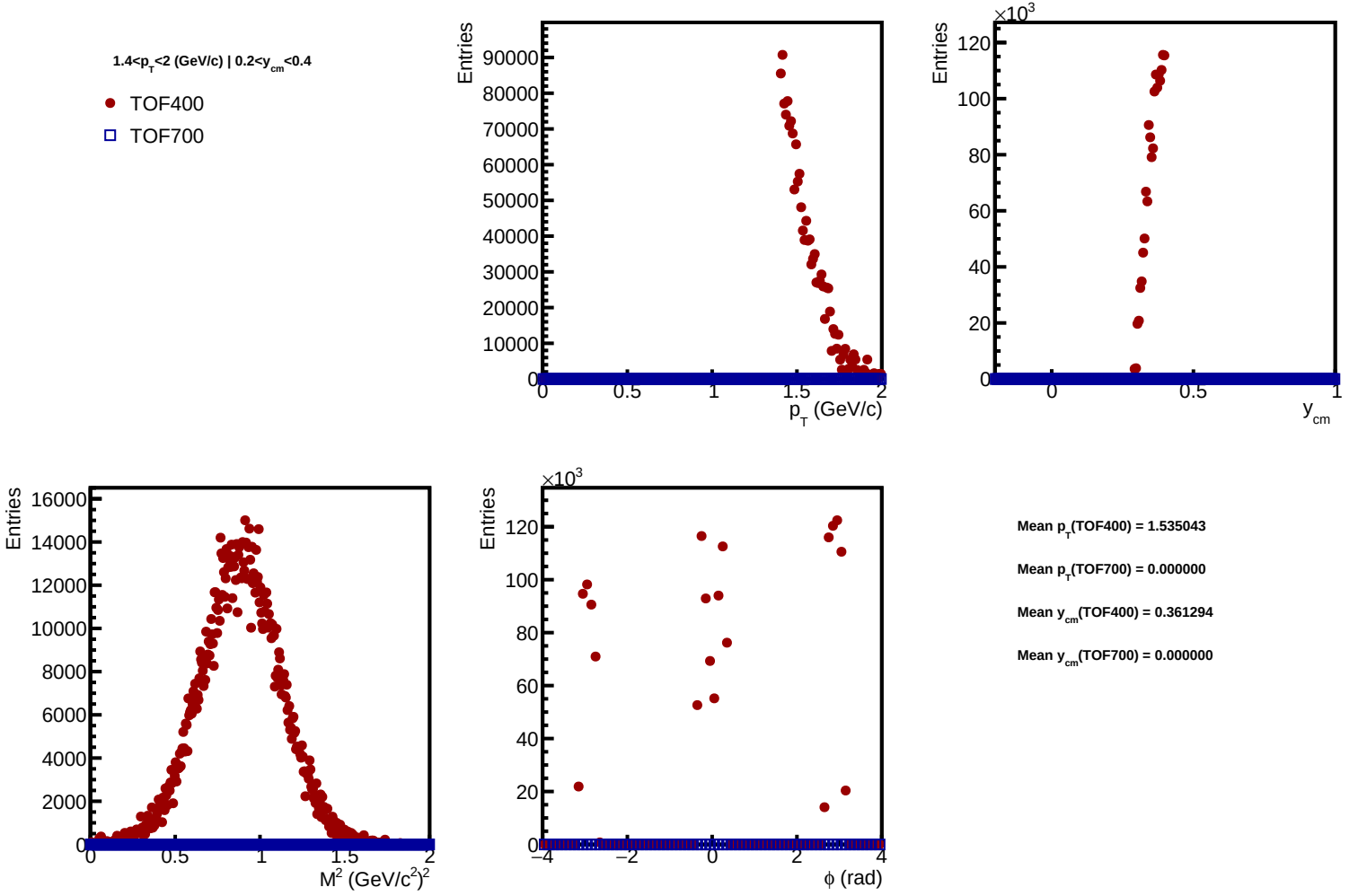

0.2<p_T<0.4 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.315253
Mean p_T(TOF700) = 0.298101
Mean y_cm(TOF400) = 0.300032
Mean y_cm(TOF700) = 0.305633

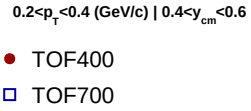

0.4<p_T<0.6 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.504202
Mean p_T(TOF700) = 0.512168
Mean y_cm(TOF400) = 0.300114
Mean y_cm(TOF700) = 0.288504

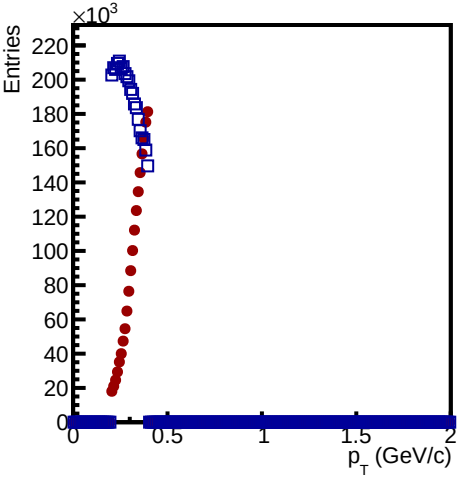

0.6<p_T<0.8 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.691277
Mean p_T(TOF700) = 0.707459
Mean y_cm(TOF400) = 0.311300
Mean y_cm(TOF700) = 0.287717

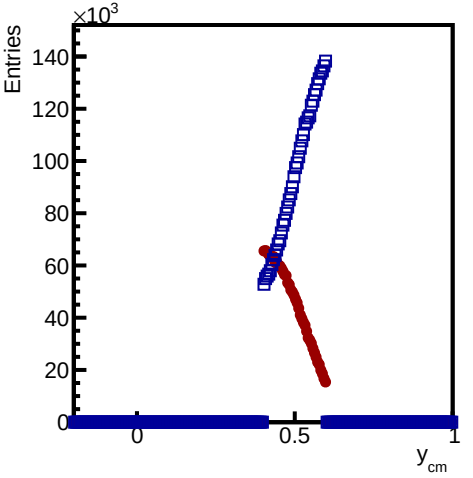

0.8<p_T<1.0 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.907841
Mean p_T(TOF700) = 0.891410
Mean y_cm(TOF400) = 0.299681
Mean y_cm(TOF700) = 0.297214

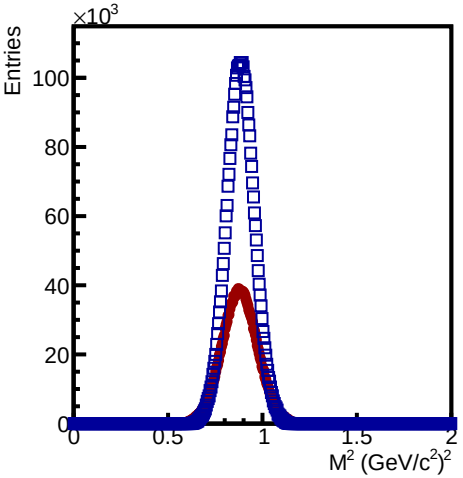

1.0<p_T<1.4 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.163829
Mean p_T(TOF700) = 1.068129
Mean y_cm(TOF400) = 0.312178
Mean y_cm(TOF700) = 0.327279

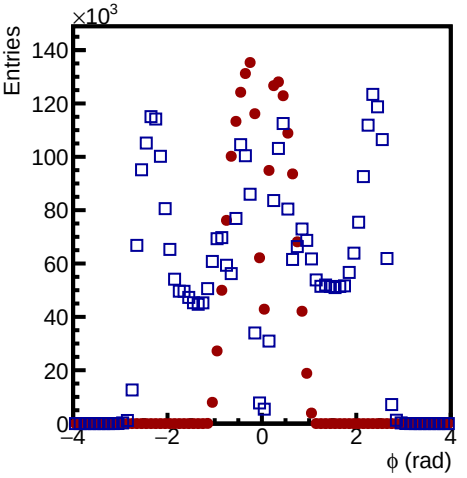

1.4<p_T<2 (GeV/c) | 0.2<y_cm<0.4
TOF400
TOF700
Entries
p_T (GeV/c)
×10^3
y_cm
M^2 (GeV/c^2)^2
φ (rad)
Mean p_T(TOF400) = 1.535043
Mean p_T(TOF700) = 0.000000
Mean y_cm(TOF400) = 0.361294
Mean y_cm(TOF700) = 0.000000









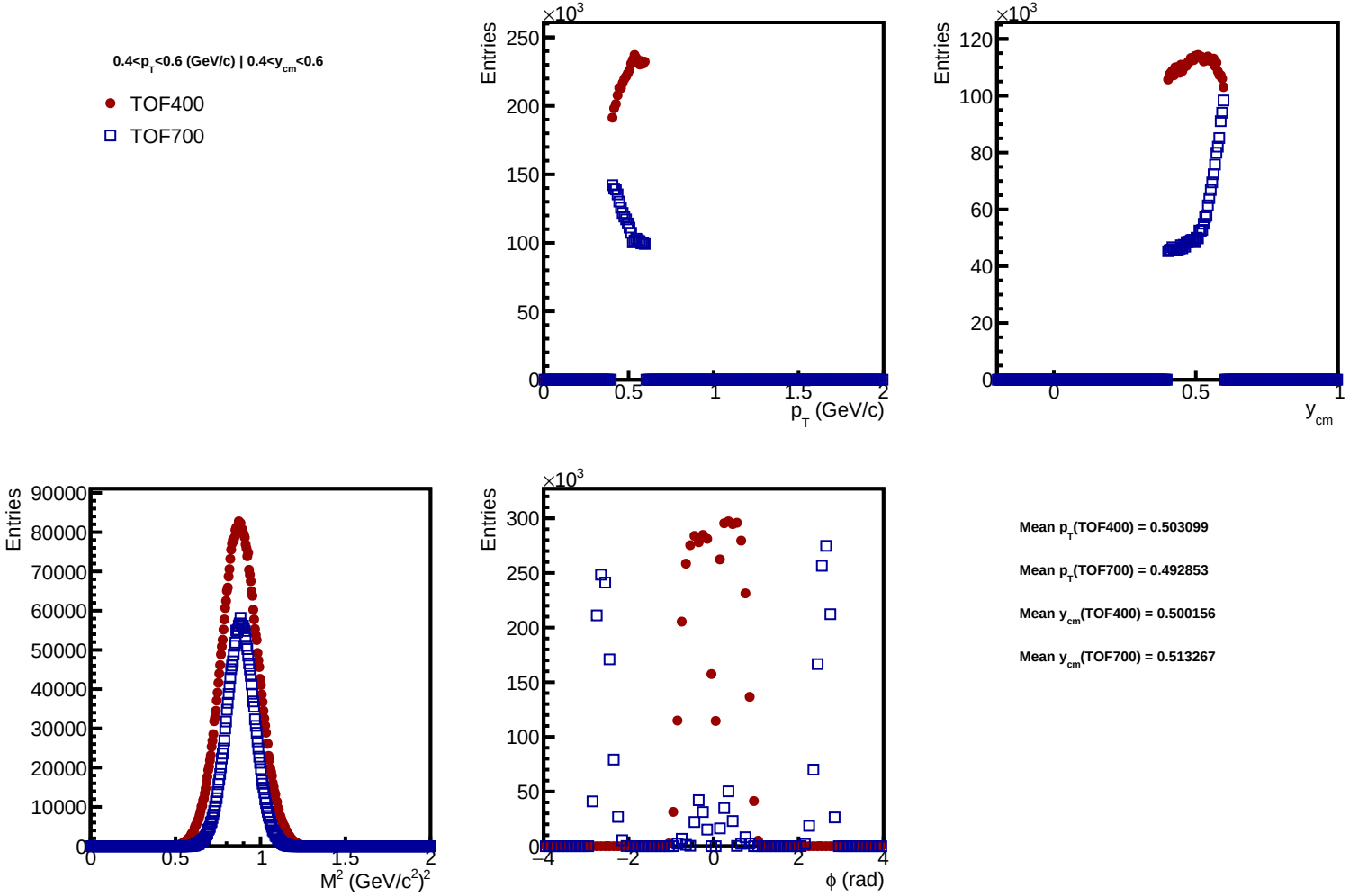


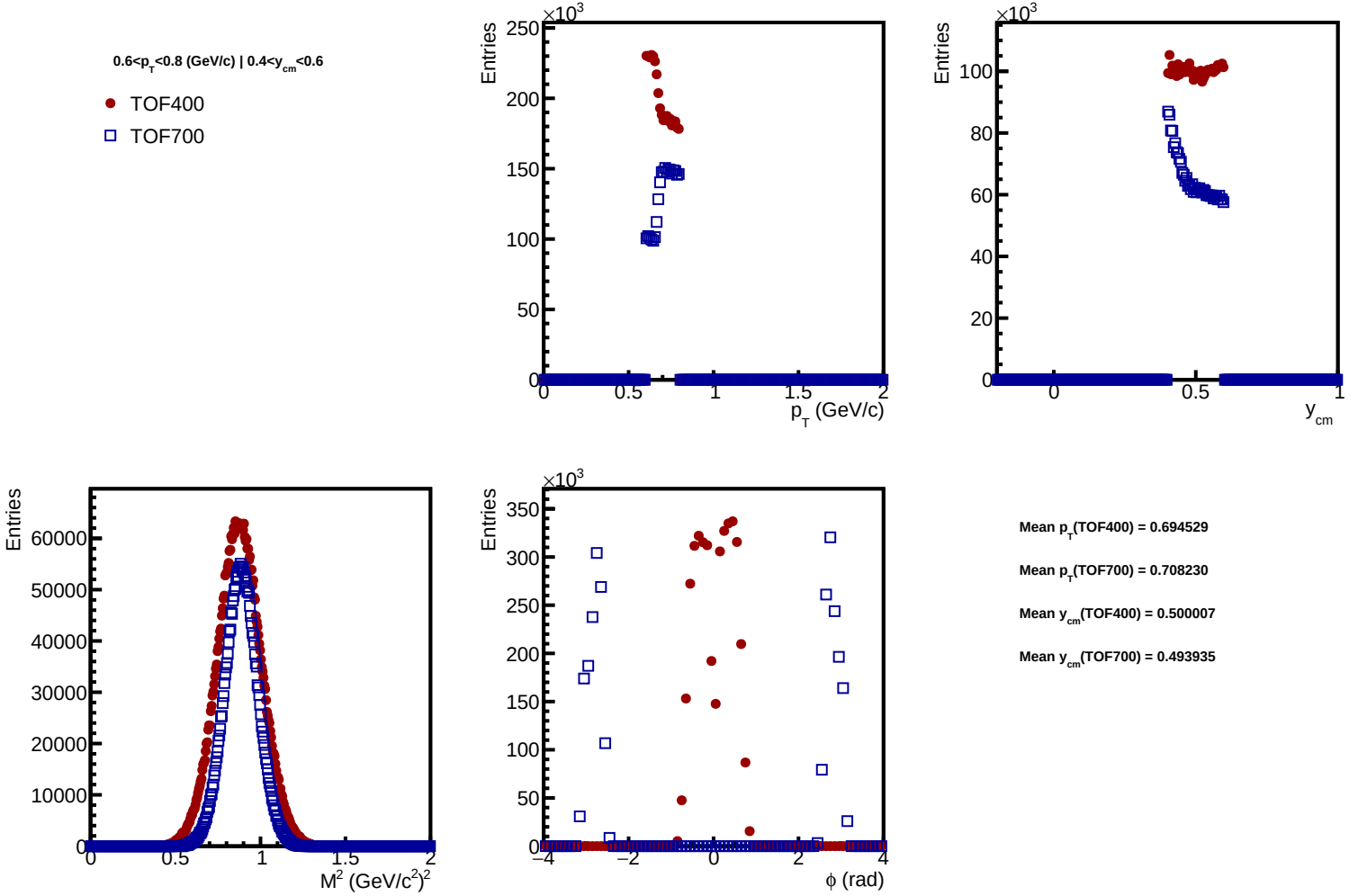
Mean p_T(TOF400) = 0.334819

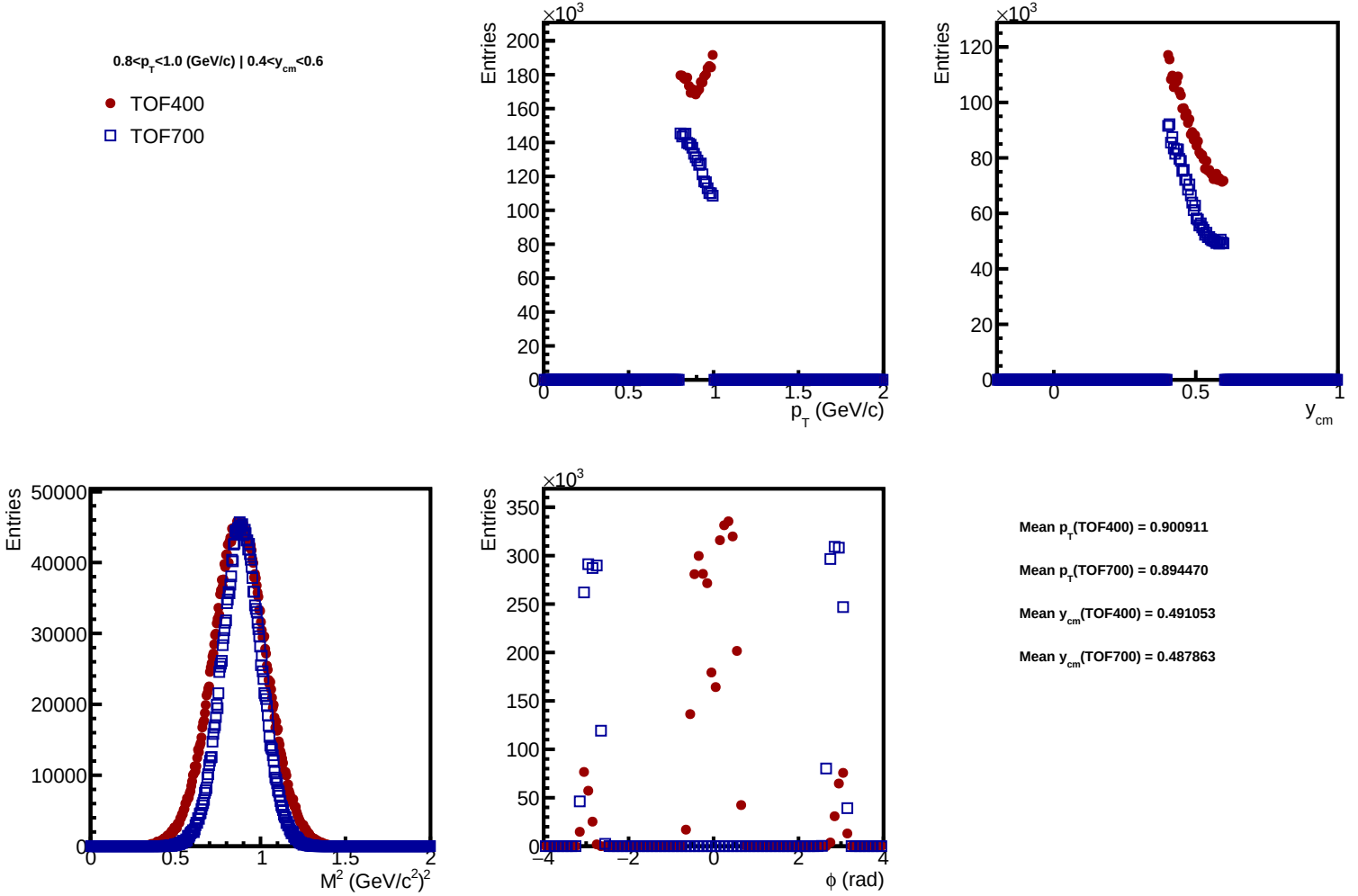
Mean p_T(TOF700) = 0.294721

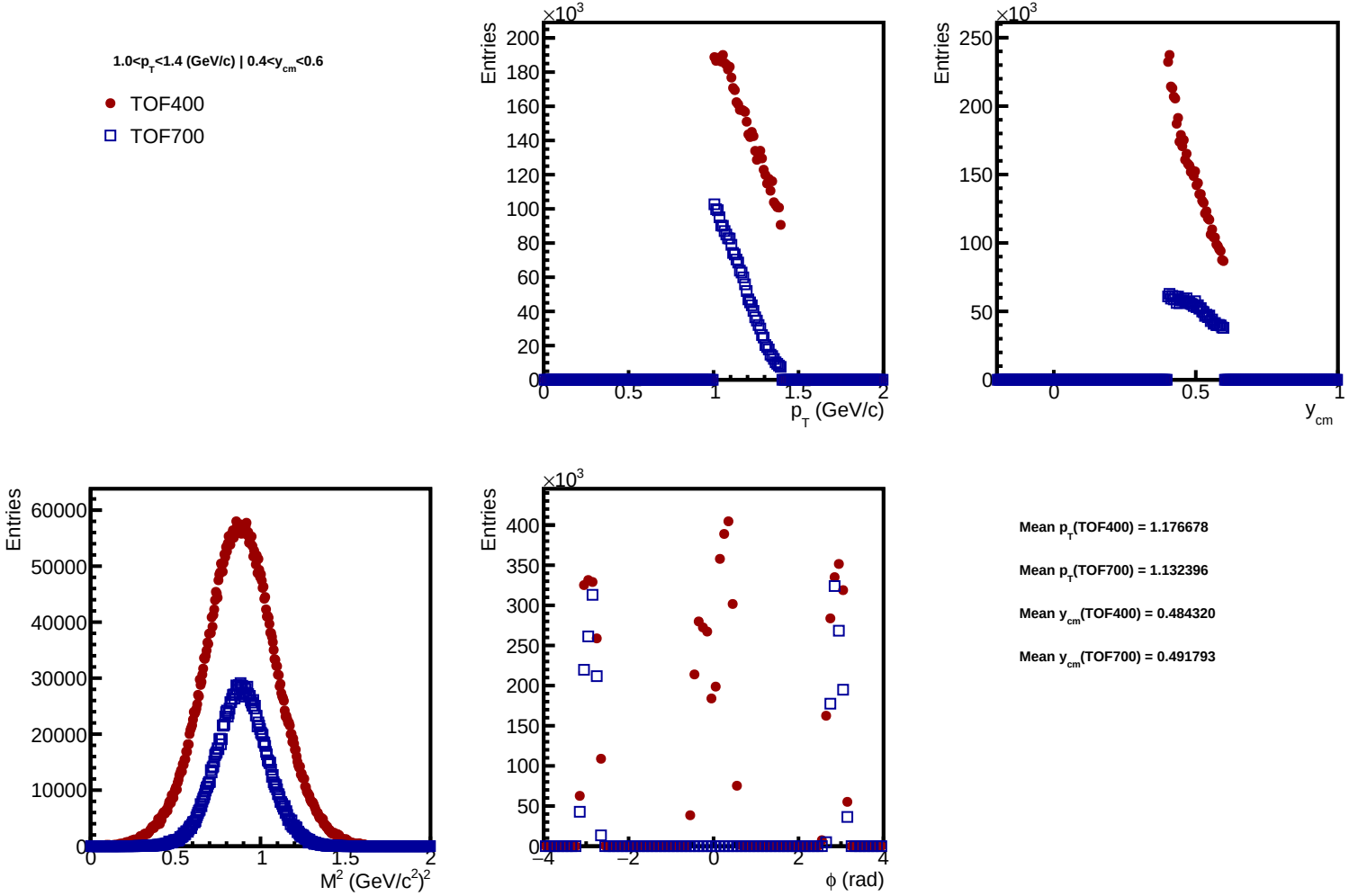
Mean y_{cm}(TOF400) = 0.479582

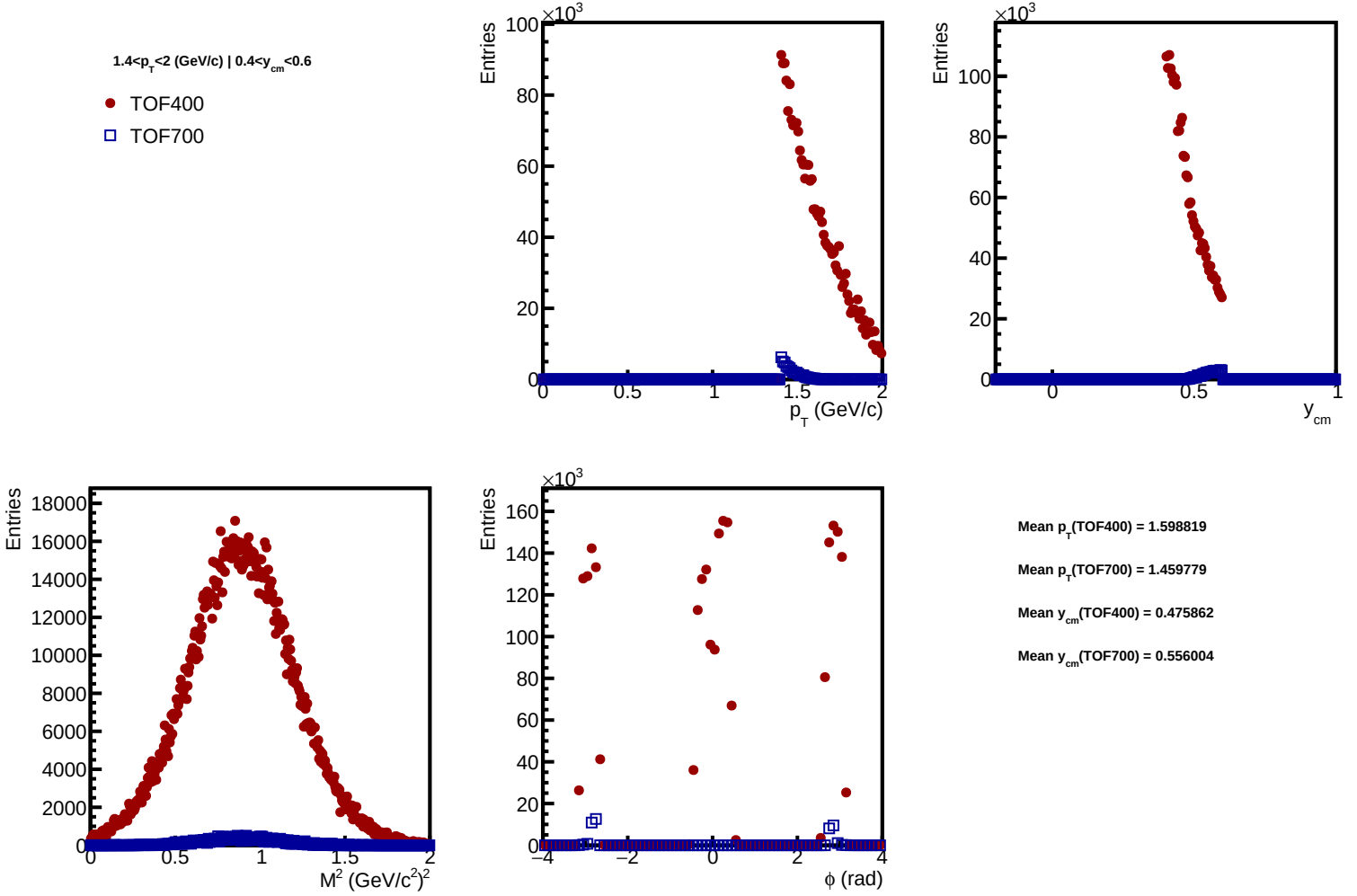
Mean y_{cm}(TOF700) = 0.516567

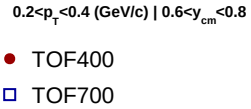

0.4<p_T<0.6 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.503099
Mean p_T(TOF700) = 0.492853
Mean y_cm(TOF400) = 0.500156
Mean y_cm(TOF700) = 0.513267

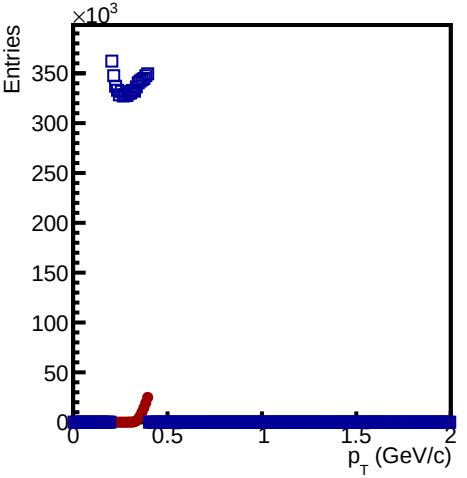

0.6<p_T<0.8 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.694529
Mean p_T(TOF700) = 0.708230
Mean y_cm(TOF400) = 0.500007
Mean y_cm(TOF700) = 0.493935

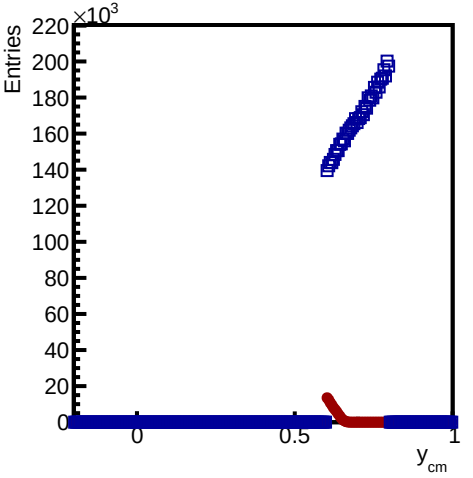

0.8<p_T<1.0 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.900911
Mean p_T(TOF700) = 0.894470
Mean y_cm(TOF400) = 0.491053
Mean y_cm(TOF700) = 0.487863

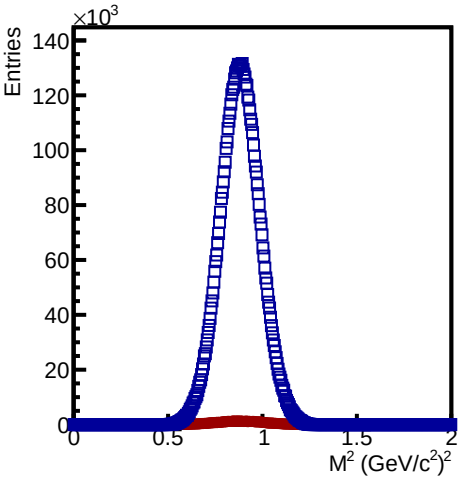

1.0<p_T<1.4 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.176678
Mean p_T(TOF700) = 1.132396
Mean y_cm(TOF400) = 0.484320
Mean y_cm(TOF700) = 0.491793

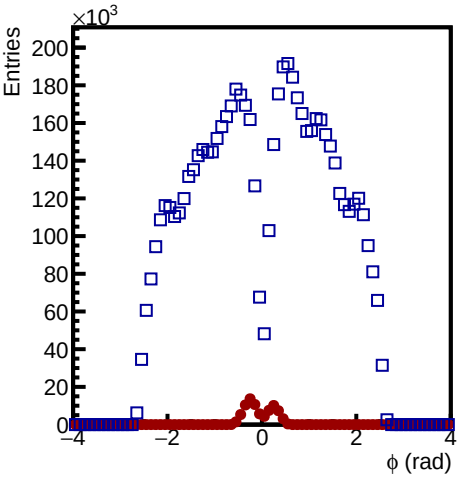

1.4<p_T<2 (GeV/c) | 0.4<y_cm<0.6
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.598819
Mean p_T(TOF700) = 1.459779
Mean y_cm(TOF400) = 0.475862
Mean y_cm(TOF700) = 0.556004









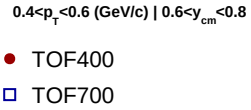


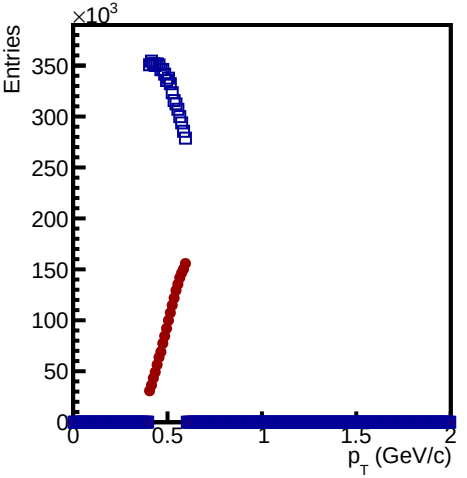
Mean p_T(TOF400) = 0.378583

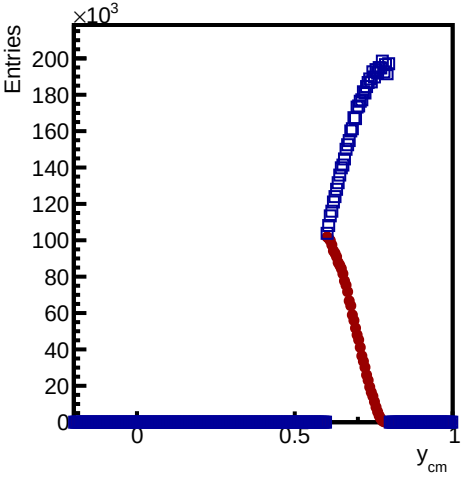
Mean p_T(TOF700) = 0.300250

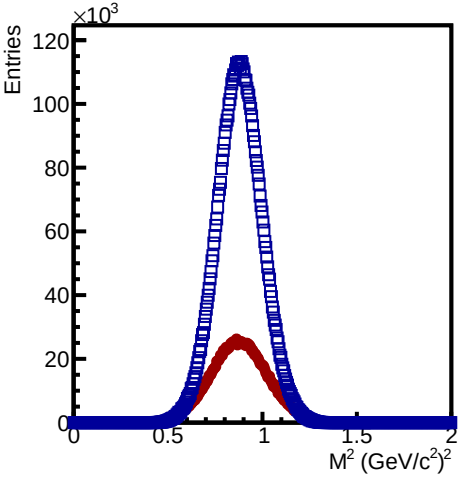
Mean y_{cm}(TOF400) = 0.619482

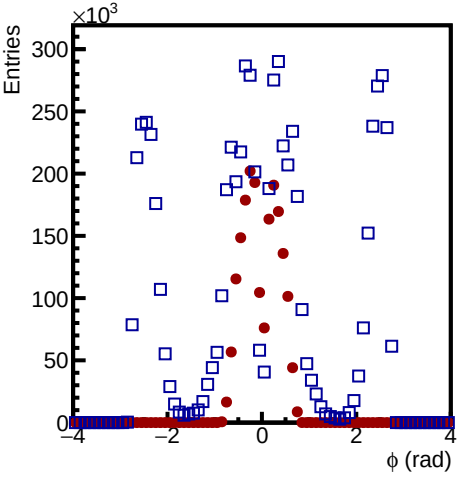
Mean y_{cm}(TOF700) = 0.705673









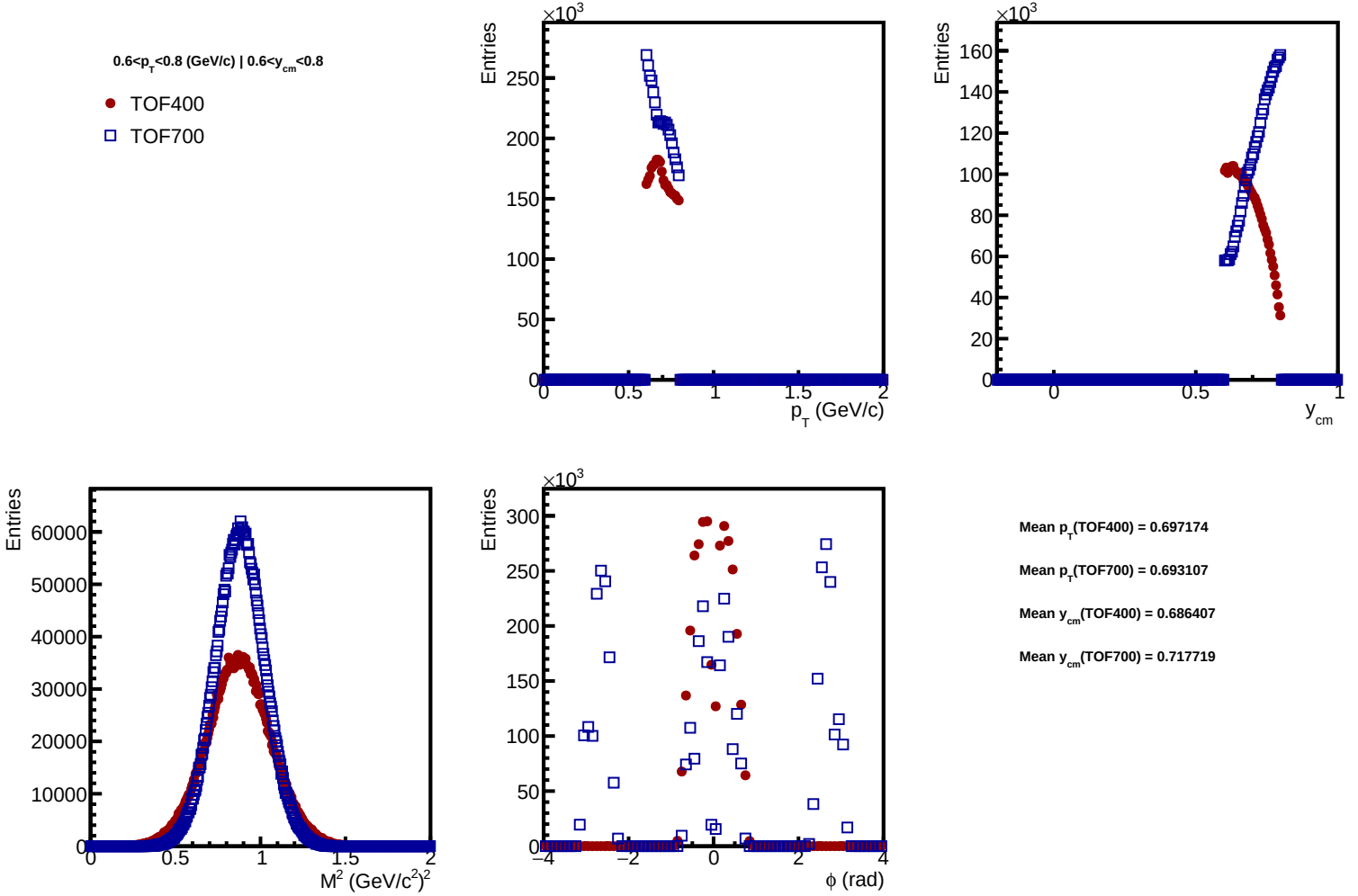


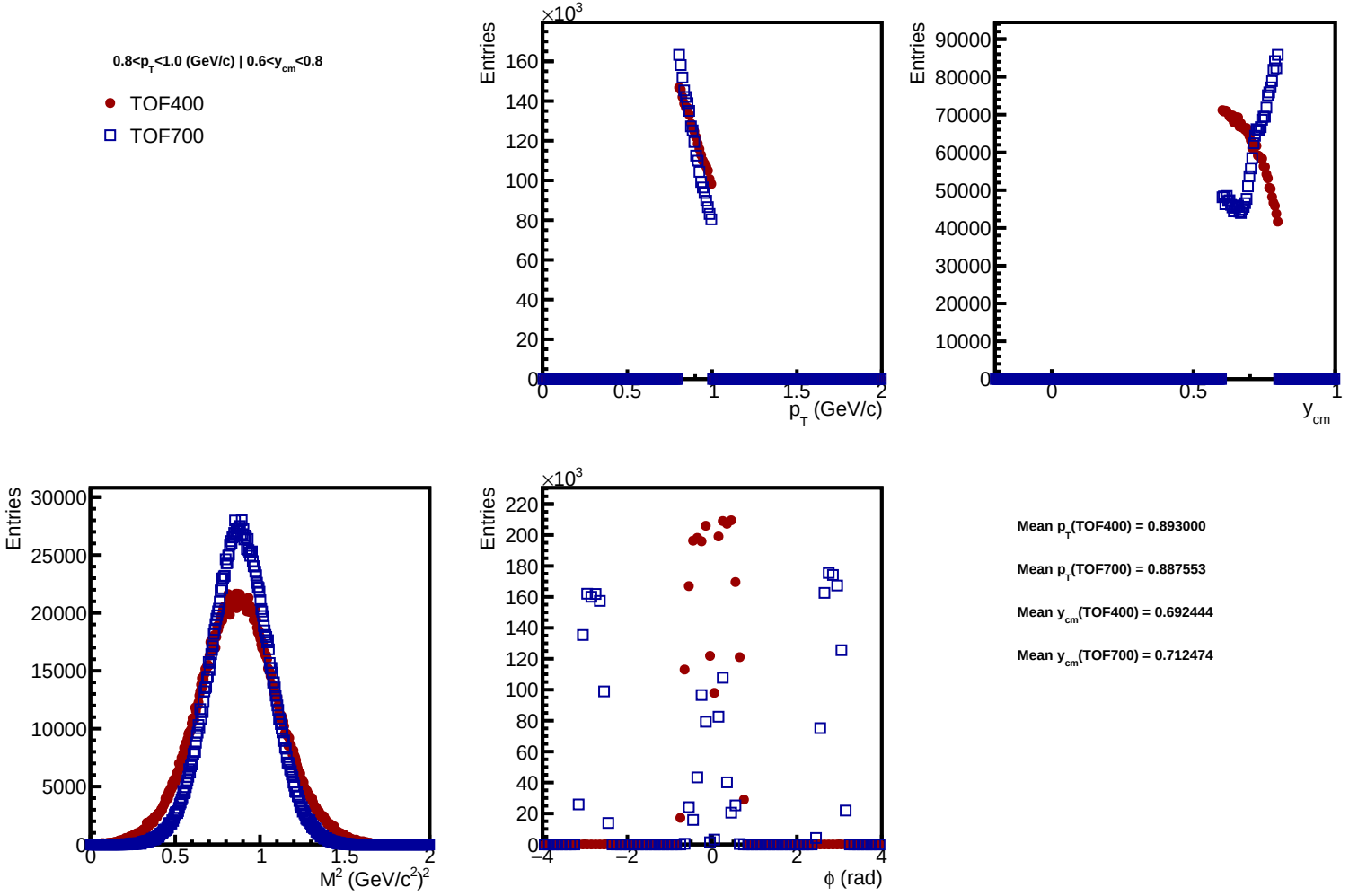
Mean p_T(TOF400) = 0.524039

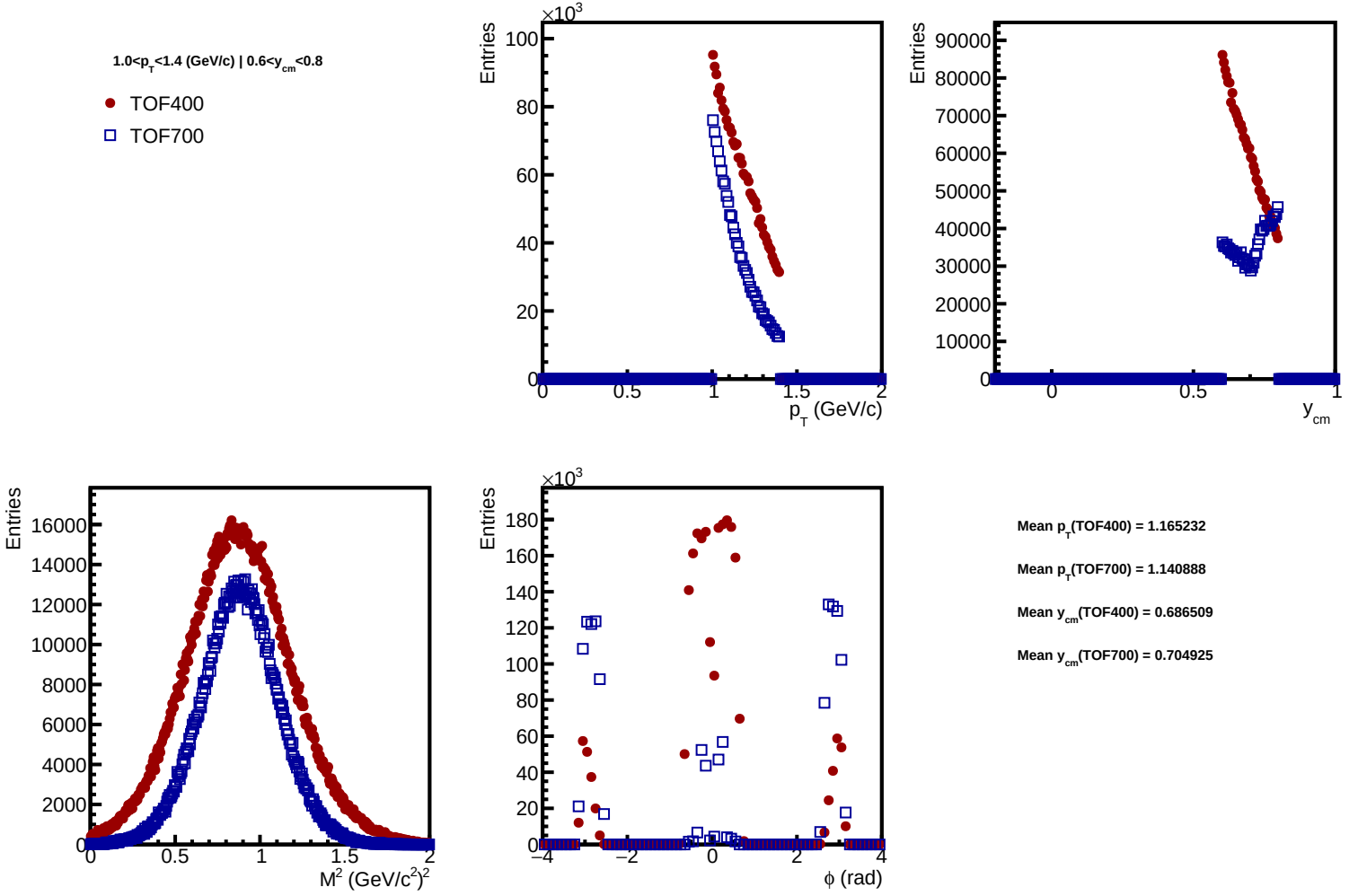
Mean p_T(TOF700) = 0.495999

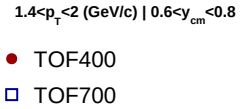
Mean y_{cm}(TOF400) = 0.657310

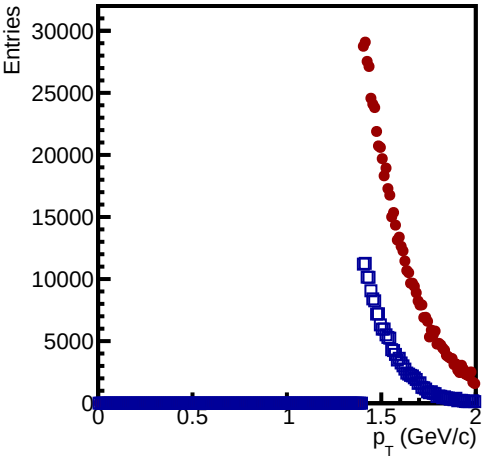
Mean y_{cm}(TOF700) = 0.709810

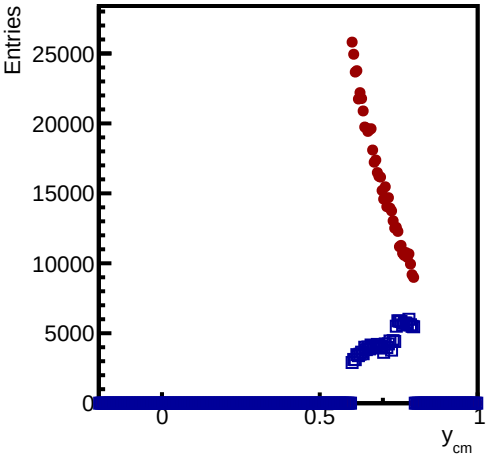

0.6<p_T<0.8 (GeV/c) | 0.6<y_cm<0.8
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.697174
Mean p_T(TOF700) = 0.693107
Mean y_cm(TOF400) = 0.686407
Mean y_cm(TOF700) = 0.717719

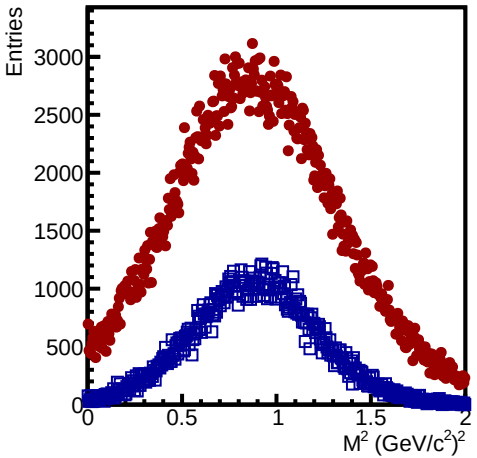

0.8<p_T<1.0 (GeV/c) | 0.6<y_cm<0.8
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.893000
Mean p_T(TOF700) = 0.887553
Mean y_cm(TOF400) = 0.692444
Mean y_cm(TOF700) = 0.712474

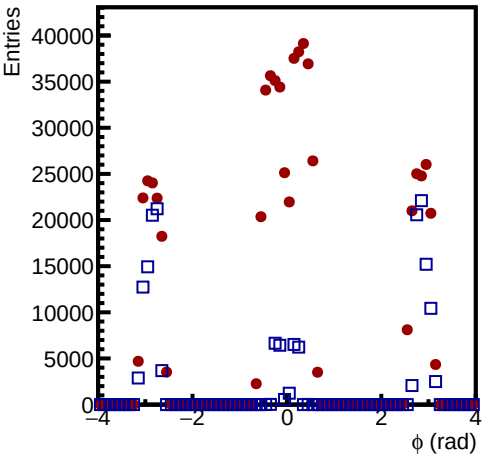

1.0<p_T<1.4 (GeV/c) | 0.6<y_cm<0.8
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 1.165232
Mean p_T(TOF700) = 1.140888
Mean y_cm(TOF400) = 0.686509
Mean y_cm(TOF700) = 0.704925









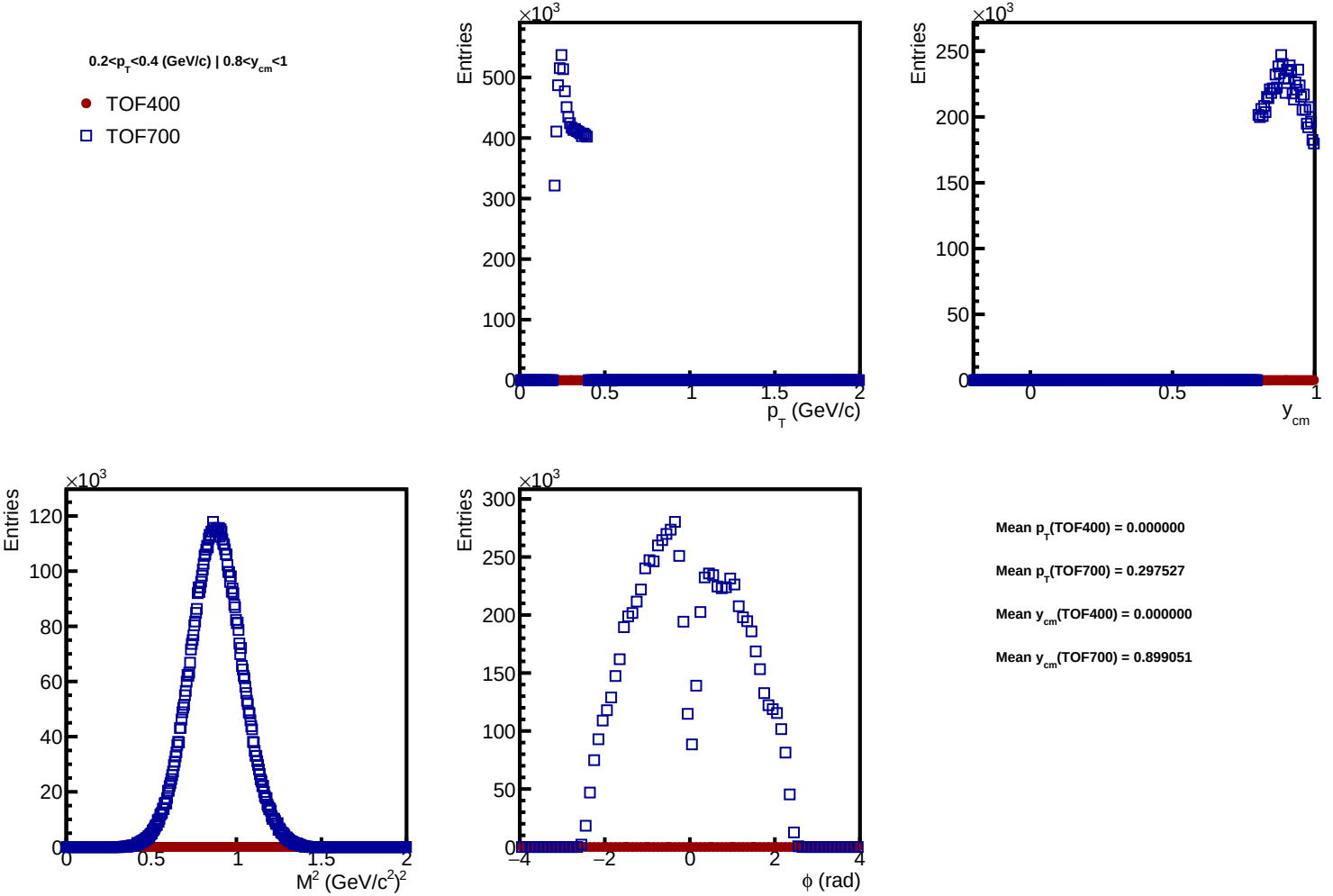


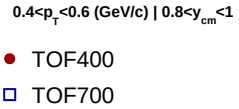
Mean p_T(TOF400) = 1.576623

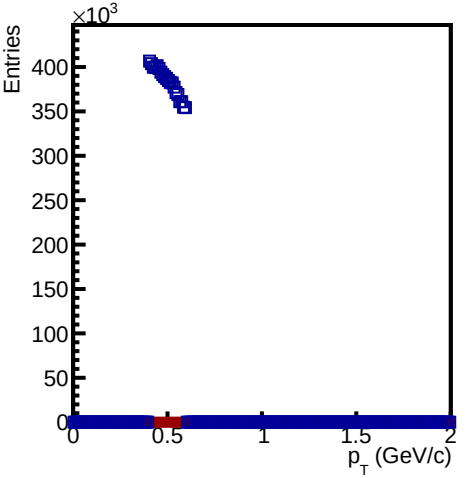
Mean p_T(TOF700) = 1.529945

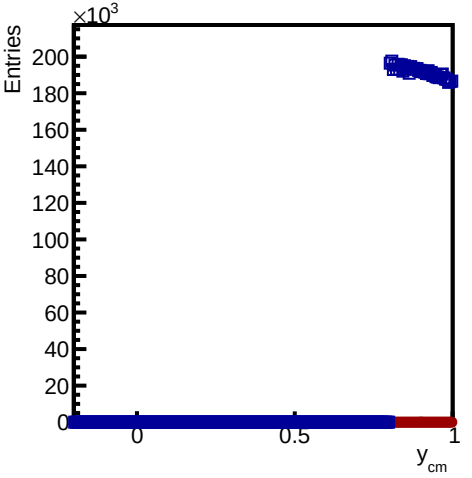
Mean y_{cm}(TOF400) = 0.683266

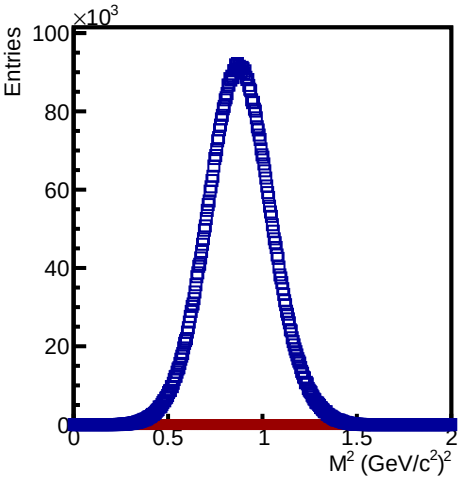
Mean y_{cm}(TOF700) = 0.710745

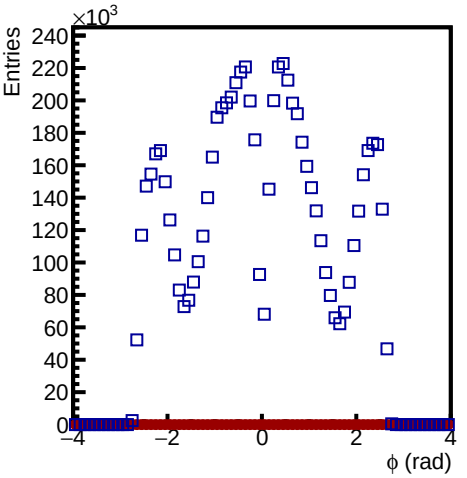

0.2<p_T<0.4 (GeV/c) | 0.8<y_cm<1
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.000000
Mean p_T(TOF700) = 0.297527
Mean y_cm(TOF400) = 0.000000
Mean y_cm(TOF700) = 0.899051









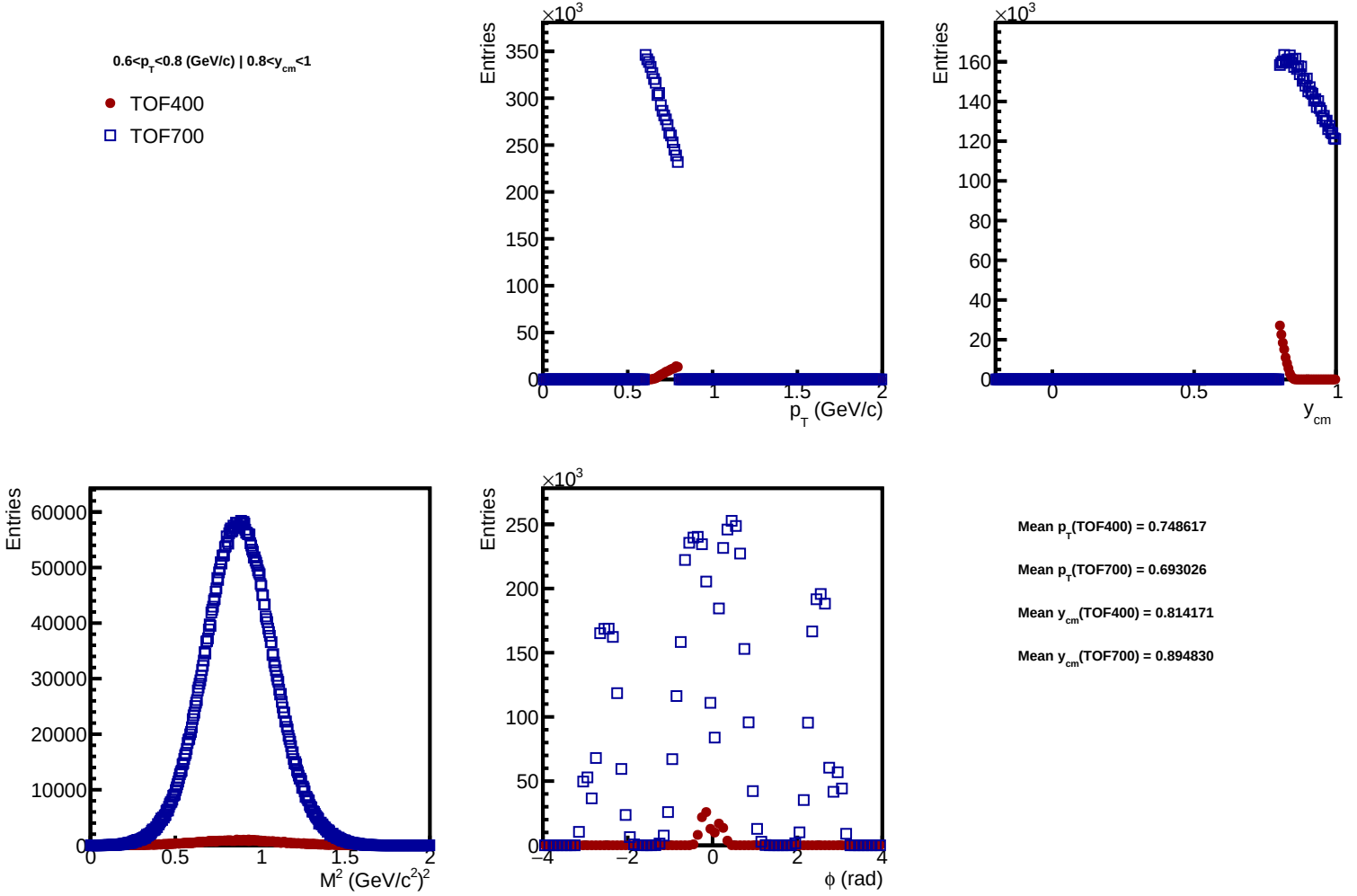


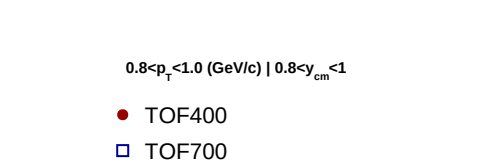
Mean p_T(TOF400) = 0.000000

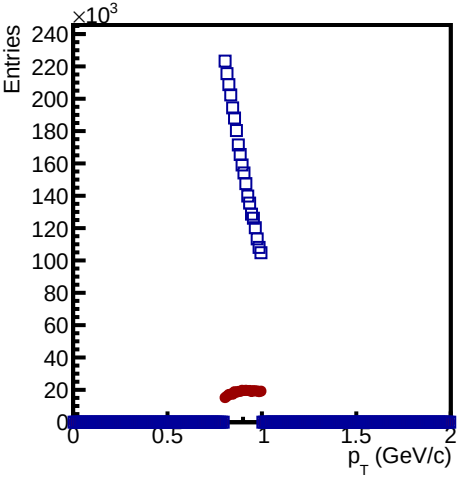
Mean p_T(TOF700) = 0.497587

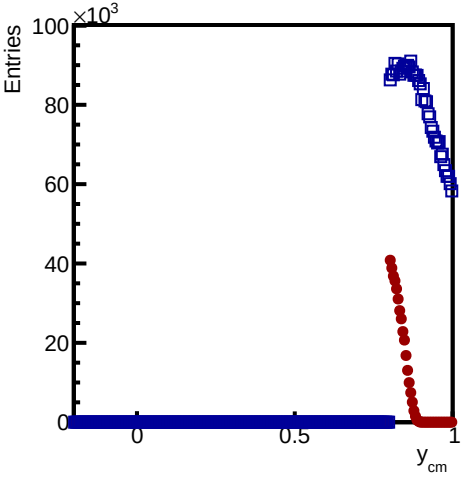
Mean y_{cm}(TOF400) = 0.000000

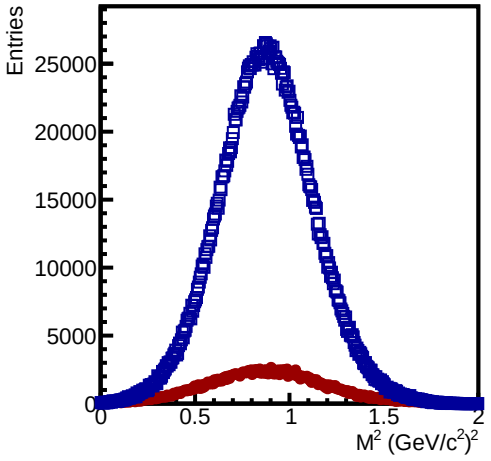
Mean y_{cm}(TOF700) = 0.899220

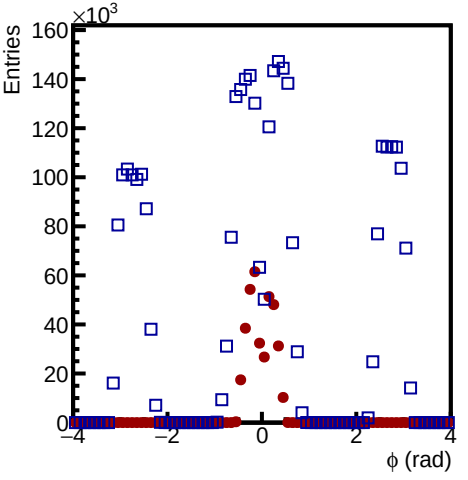

0.6<p_T<0.8 (GeV/c) | 0.8<y_cm<1
TOF400
TOF700
Entries
×10^3
p_T (GeV/c)
y_cm
M^2 (GeV/c^2)^2
ϕ (rad)
Mean p_T(TOF400) = 0.748617
Mean p_T(TOF700) = 0.693026
Mean y_cm(TOF400) = 0.814171
Mean y_cm(TOF700) = 0.894830









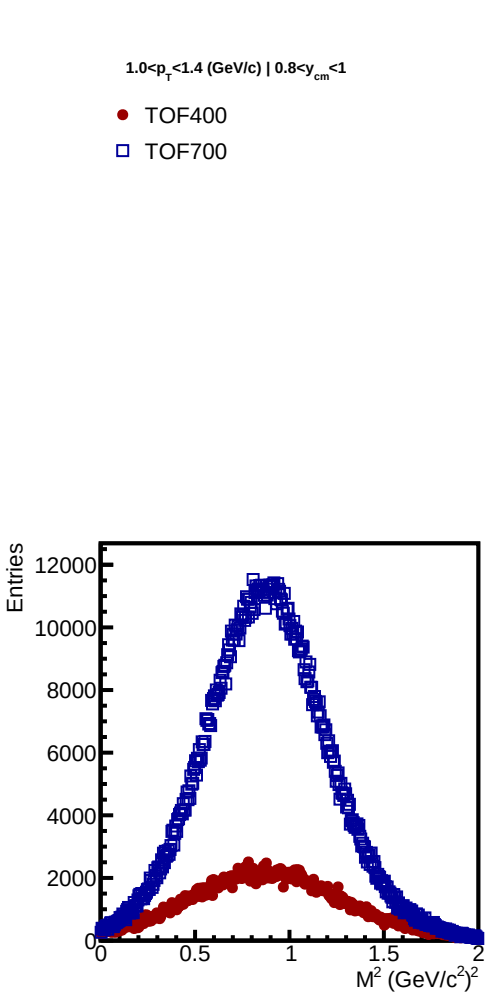


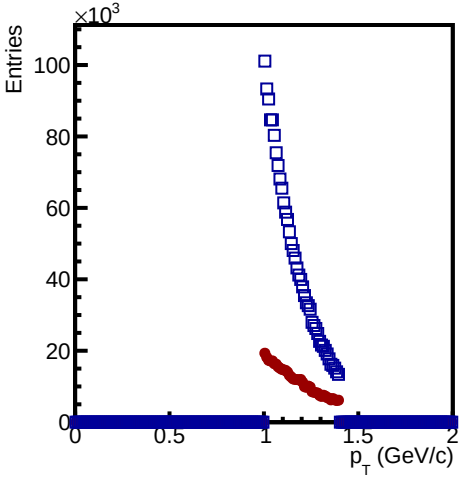
Mean p_T(TOF400) = 0.902950

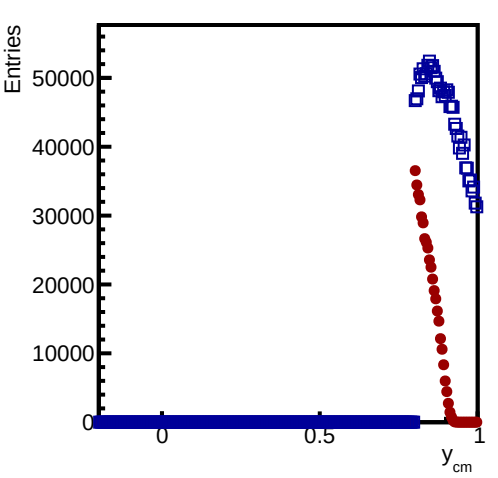
Mean p_T(TOF700) = 0.886832

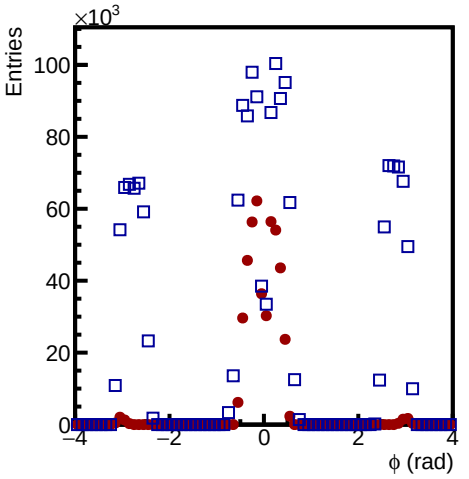
Mean y_{cm}(TOF400) = 0.828153

Mean y_{cm}(TOF700) = 0.893090







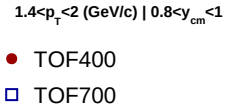


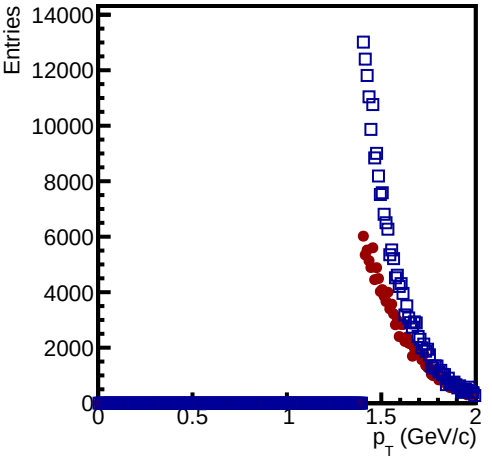
Mean p_T(TOF400) = 1.160484

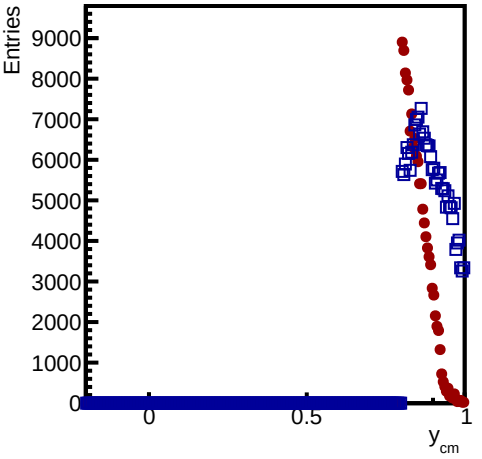
Mean p_T(TOF700) = 1.136604

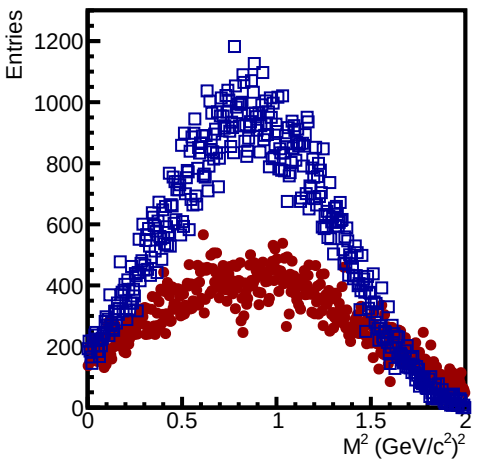
Mean y_{cm}(TOF400) = 0.840136

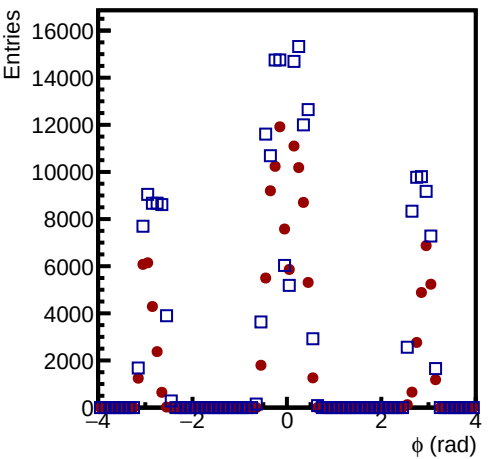
Mean y_{cm}(TOF700) = 0.892814











Mean p_T(TOF400) = 1.574480

Mean p_T(TOF700) = 1.549055

Mean y_{cm}(TOF400) = 0.849158

Mean y_{cm}(TOF700) = 0.891098