NE (arb. units)
0.02
0.01
0.00
0
200
400
600
800
1000
$p_T(\mu^-)$ (GeV)

NE (arb. units)
0.02
0.01
0.00
0
200
400
600
800
1000
$p_T(\mu^+)$ (GeV)

NE (arb. units)
0.010
0.005
0.000
0
200
400
600
800
1000
$E(\mu^-)$ (GeV)

NE (arb. units)
0.010
0.005
0.000
0
200
400
600
800
1000
$E(\mu^+)$ (GeV)

NE (arb. units)
0.01
0.00
0
500
1000
1500
2000
$M(\mu^+, \mu^-)$ (GeV)

NE (arb. units)
0.02
0.01
0.00
0
200
400
600
800
1000
$p_T^{\mathrm{CM}}(\mu^-)$ GeV

NE (arb. units)
0.02
0.01
0.00
0
200
400
600
800
1000
$E^{\mathrm{CM}}(\mu^-)$ GeV

1.5 TeV LQ
$\mathrm{Z}^0 + \mathrm{jets}$
$t\bar{t}$
Diboson ($\mathrm{WW} + \mathrm{WZ}^0 + \mathrm{Z}^0\mathrm{Z}^0$)