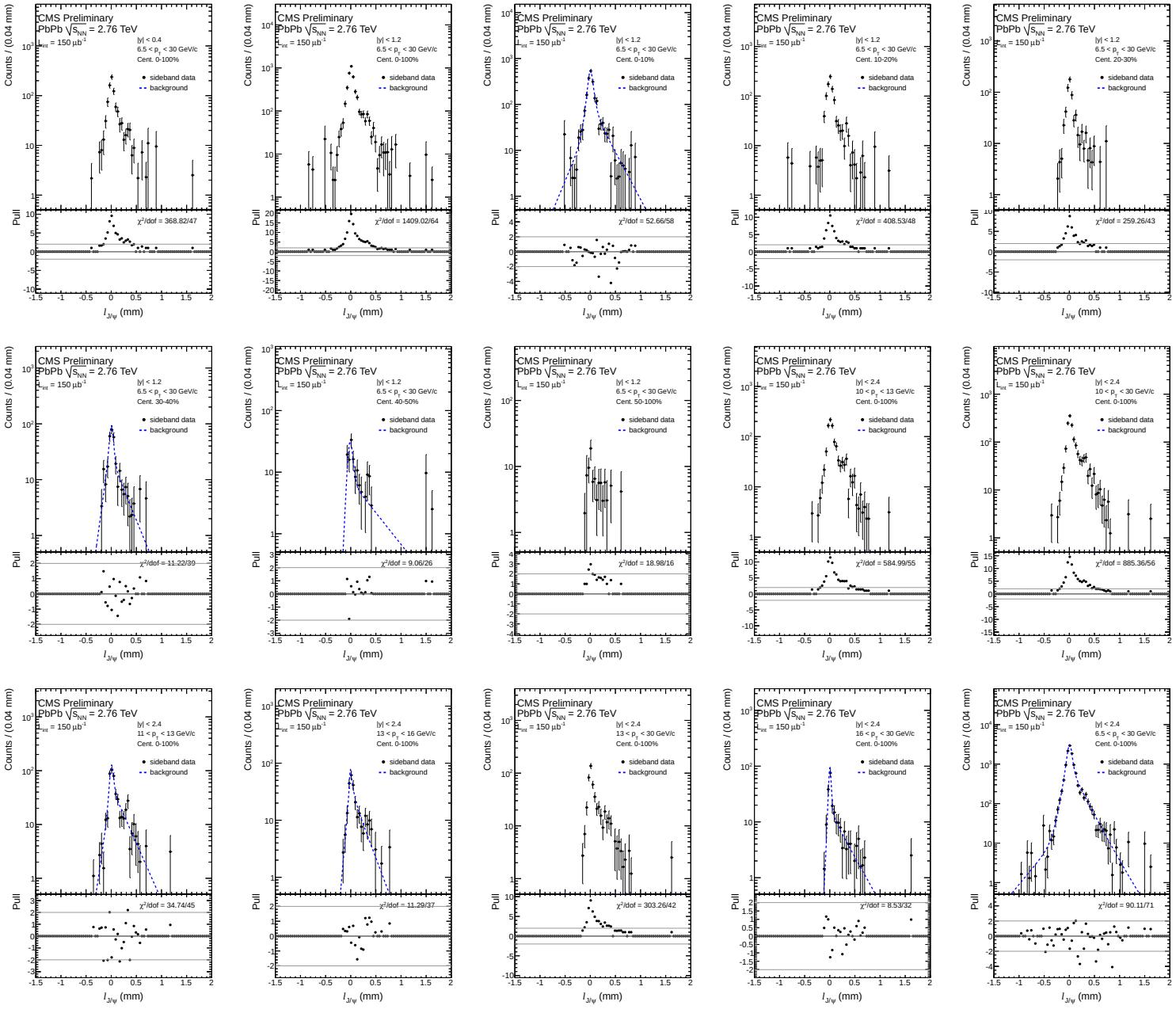
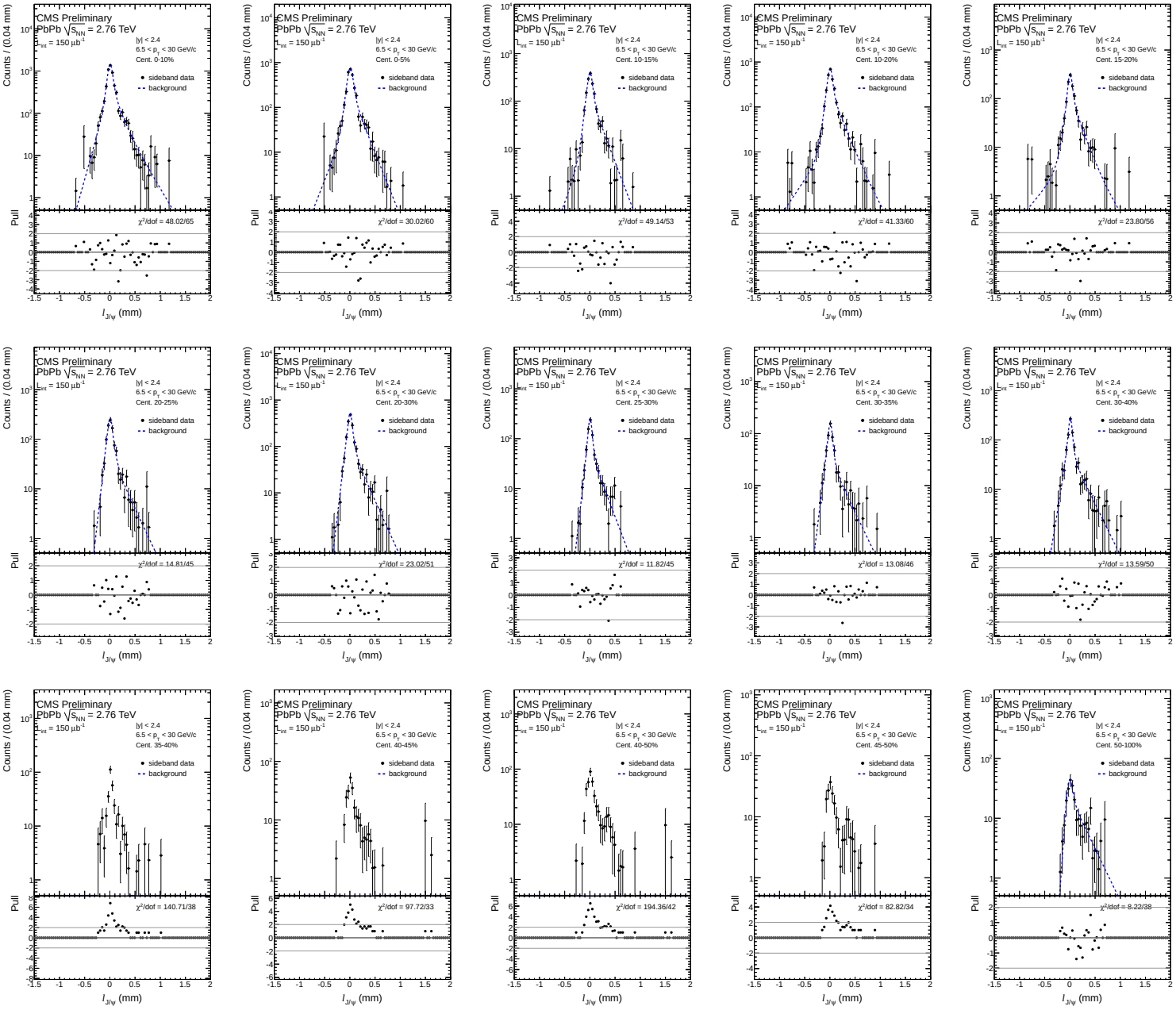
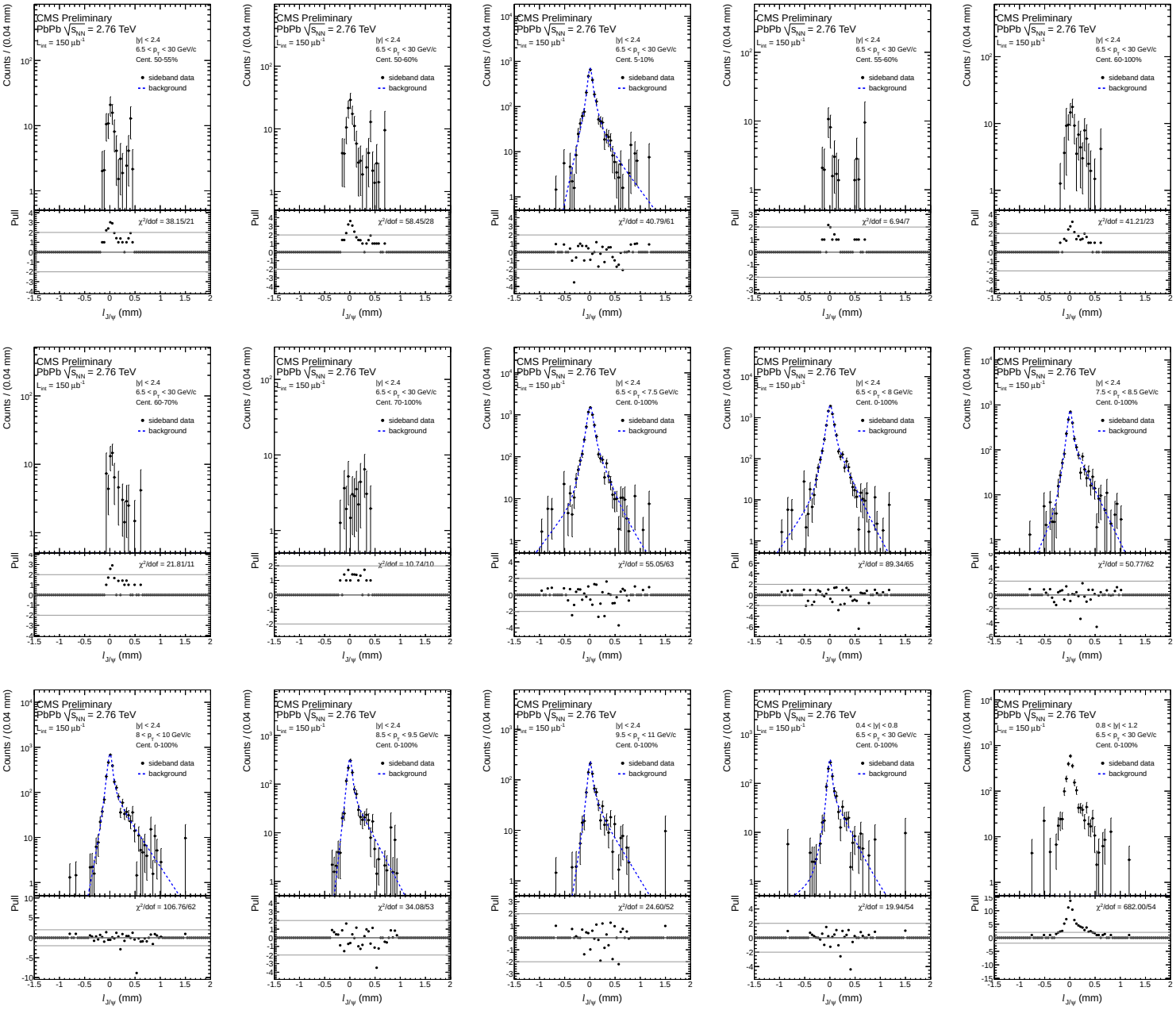
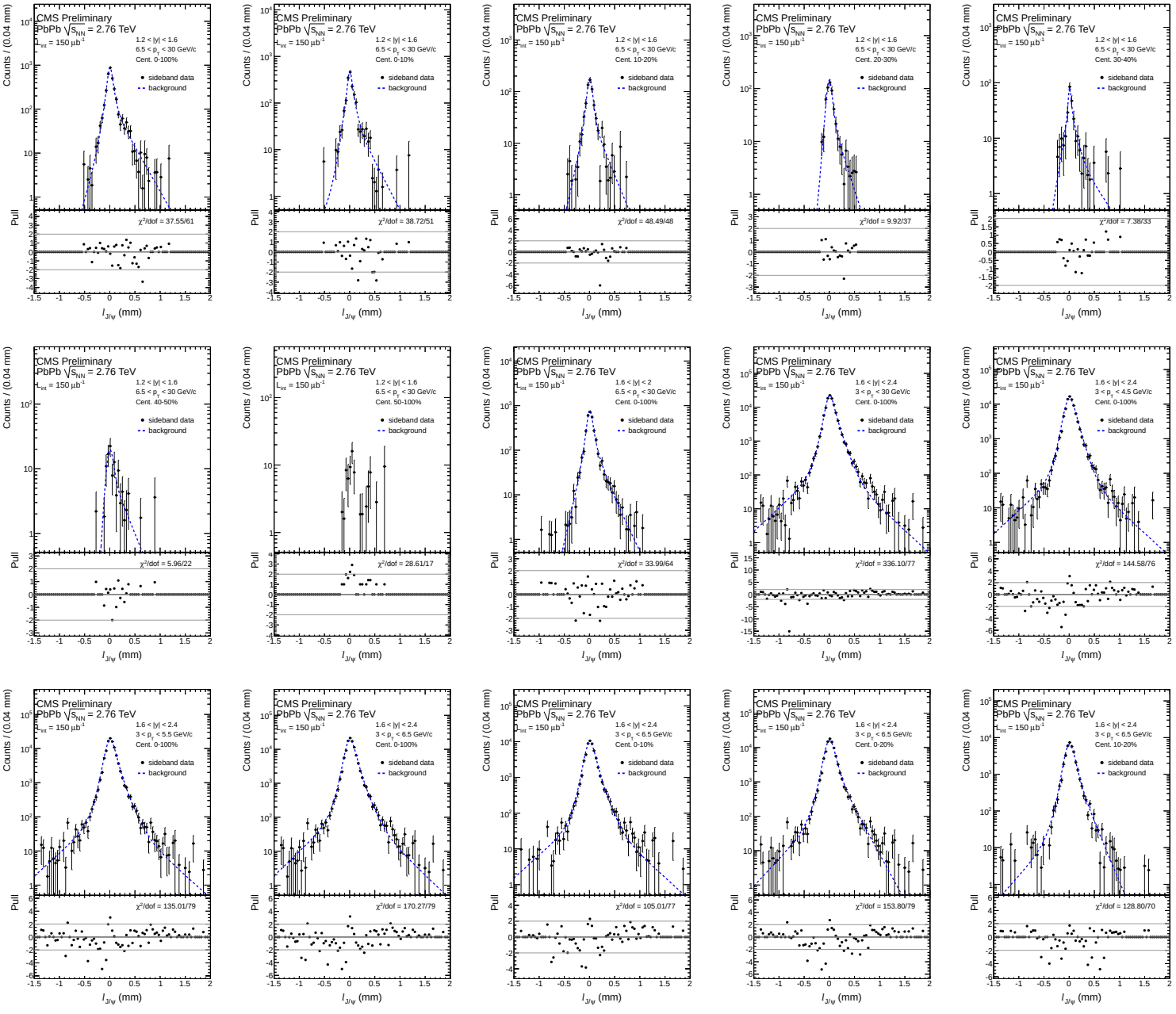
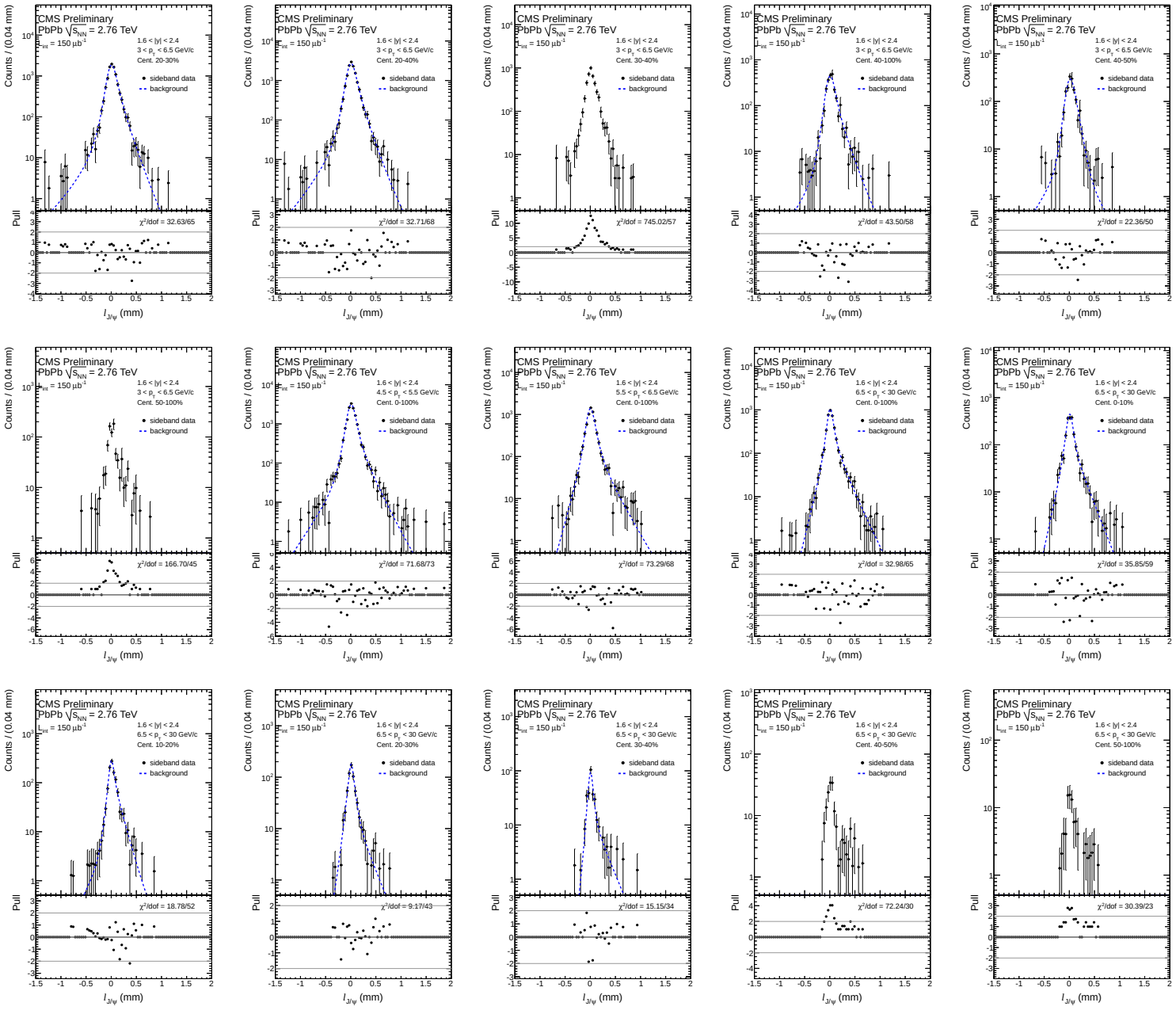
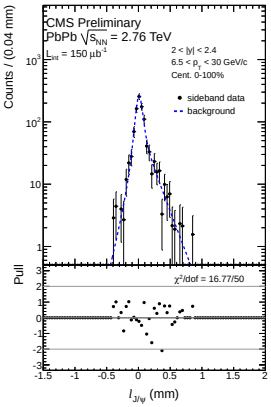

CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 0.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
sideband data
background
χ2/dof = 368.82/47
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 1409.02/64
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 0-10%
χ2/dof = 52.66/58
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-20%
χ2/dof = 408.53/48
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 20-30%
χ2/dof = 259.26/43
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 30-40%
χ2/dof = 11.22/39
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 40-50%
χ2/dof = 9.06/26
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 50-100%
χ2/dof = 18.98/16
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 0-100%
χ2/dof = 584.99/55
|y| < 2.4
10 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 885.36/56
|y| < 2.4
11 < pT < 13 GeV/c
Cent. 0-100%
χ2/dof = 34.74/45
|y| < 2.4
13 < pT < 16 GeV/c
Cent. 0-100%
χ2/dof = 11.29/37
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 303.26/42
|y| < 2.4
16 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 8.53/32
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 90.11/71
Counts / (0.04 mm)
Pull
l J/ψ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-10%
sideband data
background
χ2/dof = 48.02/65
Cent. 0-5%
χ2/dof = 30.02/60
Cent. 10-15%
χ2/dof = 49.14/53
Cent. 10-20%
χ2/dof = 41.33/60
Cent. 15-20%
χ2/dof = 23.80/56
Cent. 20-25%
χ2/dof = 14.81/45
Cent. 20-30%
χ2/dof = 23.02/51
Cent. 25-30%
χ2/dof = 11.82/45
Cent. 30-35%
χ2/dof = 13.08/46
Cent. 30-40%
χ2/dof = 13.59/50
Cent. 35-40%
χ2/dof = 140.71/38
Cent. 40-45%
χ2/dof = 97.72/33
Cent. 40-50%
χ2/dof = 194.36/42
Cent. 45-50%
χ2/dof = 82.82/34
Cent. 50-100%
χ2/dof = 8.22/38
Counts / (0.04 mm)
Pull
l J/ψ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 50-55%
sideband data
background
χ^2/dof = 38.15/21
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 50-60%
sideband data
background
χ^2/dof = 58.45/28
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 5-10%
sideband data
background
χ^2/dof = 40.79/61
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 55-60%
sideband data
background
χ^2/dof = 6.94/7
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 60-100%
sideband data
background
χ^2/dof = 41.21/23
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 60-70%
sideband data
background
χ^2/dof = 21.81/11
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 70-100%
sideband data
background
χ^2/dof = 10.74/10
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 7.5 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 55.05/63
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 89.34/65
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
7.5 < p_T < 8.5 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 50.77/62
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 106.76/62
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
8.5 < p_T < 9.5 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 34.08/53
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
9.5 < p_T < 11 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 24.60/52
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
0.4 < |y| < 0.8
6.5 < p_T < 30 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 19.94/54
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
0.8 < |y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 682.00/54
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 37.55/61
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 0-10%
χ^2/dof = 38.72/51
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 10-20%
χ^2/dof = 48.49/48
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 20-30%
χ^2/dof = 9.92/37
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 30-40%
χ^2/dof = 7.38/33
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 40-50%
χ^2/dof = 5.96/22
1.2 < |y| < 1.6
6.5 < p_T < 30 GeV/c
Cent. 50-100%
χ^2/dof = 28.61/17
1.6 < |y| < 2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
χ^2/dof = 33.99/64
1.6 < |y| < 2.4
3 < p_T < 30 GeV/c
Cent. 0-100%
χ^2/dof = 336.10/77
1.6 < |y| < 2.4
3 < p_T < 4.5 GeV/c
Cent. 0-100%
χ^2/dof = 144.58/76
1.6 < |y| < 2.4
3 < p_T < 5.5 GeV/c
Cent. 0-100%
χ^2/dof = 135.01/79
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 0-100%
χ^2/dof = 170.27/79
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 0-10%
χ^2/dof = 105.01/77
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 0-20%
χ^2/dof = 153.80/79
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-20%
χ^2/dof = 128.80/70
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 20-30%
sideband data
background
χ2/dof = 32.63/65
Counts / (0.04 mm)
Pull
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 20-40%
sideband data
background
χ2/dof = 32.71/68
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 30-40%
sideband data
background
χ2/dof = 745.02/57
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 40-100%
sideband data
background
χ2/dof = 43.50/58
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 40-50%
sideband data
background
χ2/dof = 22.36/50
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 50-100%
sideband data
background
χ2/dof = 166.70/45
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
4.5 < pT < 5.5 GeV/c
Cent. 0-100%
sideband data
background
χ2/dof = 71.68/73
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
5.5 < pT < 6.5 GeV/c
Cent. 0-100%
sideband data
background
χ2/dof = 73.29/68
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
sideband data
background
χ2/dof = 32.98/65
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-10%
sideband data
background
χ2/dof = 35.85/59
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-20%
sideband data
background
χ2/dof = 18.78/52
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 20-30%
sideband data
background
χ2/dof = 9.17/43
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 30-40%
sideband data
background
χ2/dof = 15.15/34
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 40-50%
sideband data
background
χ2/dof = 72.24/30
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.6 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 50-100%
sideband data
background
χ2/dof = 30.39/23


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
2 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 16.77/50
$l_{J/\psi}$ (mm)