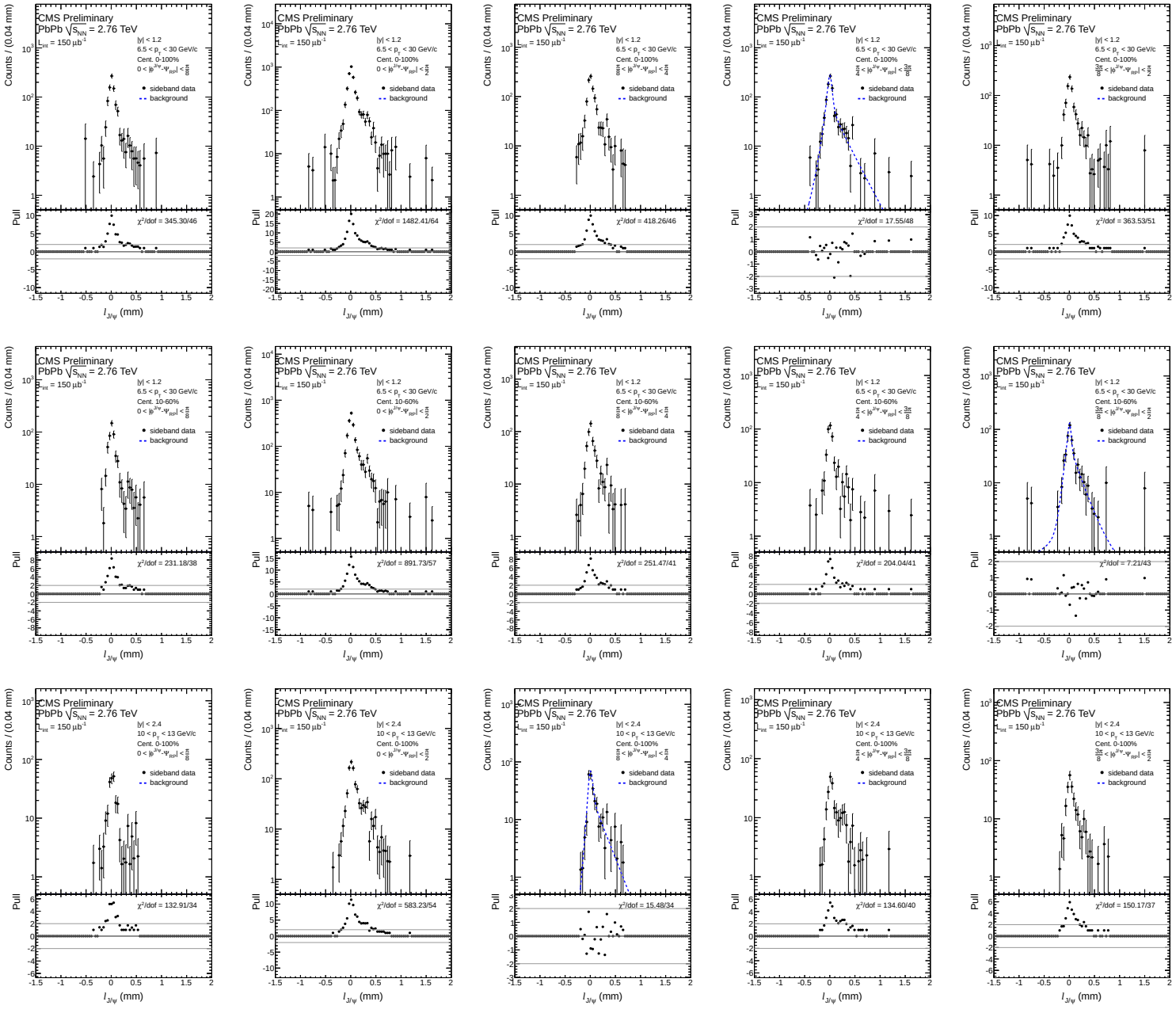
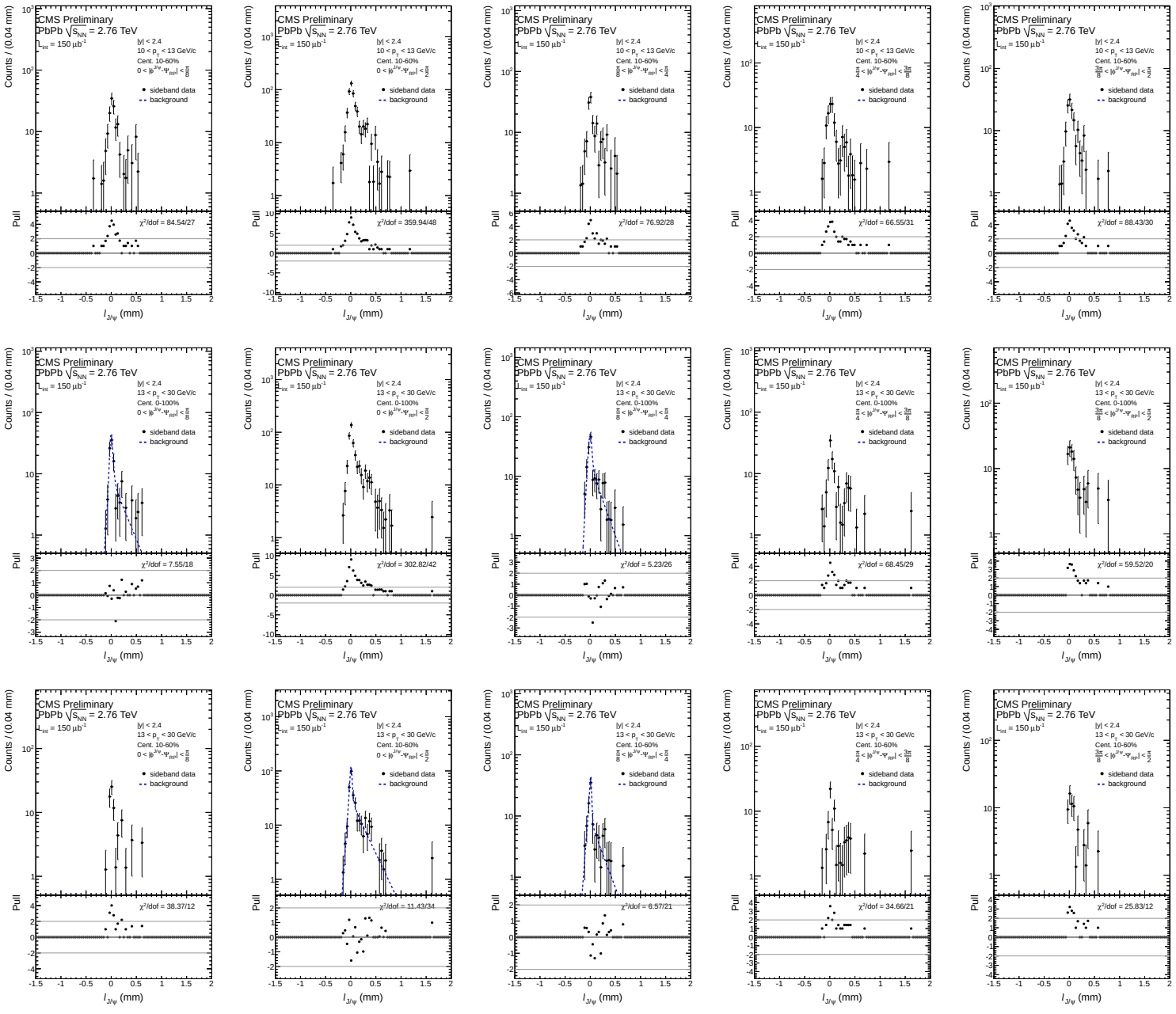
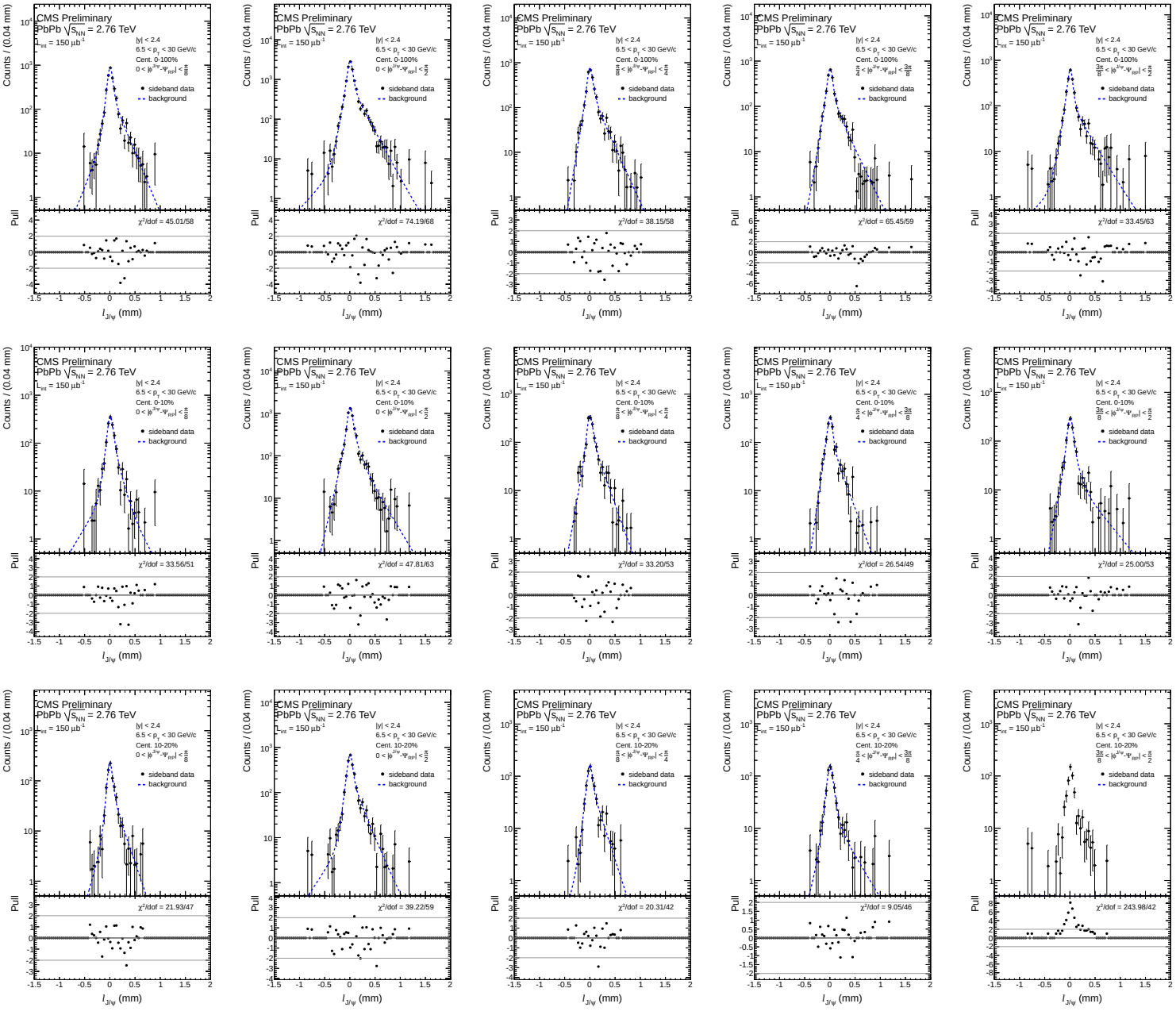
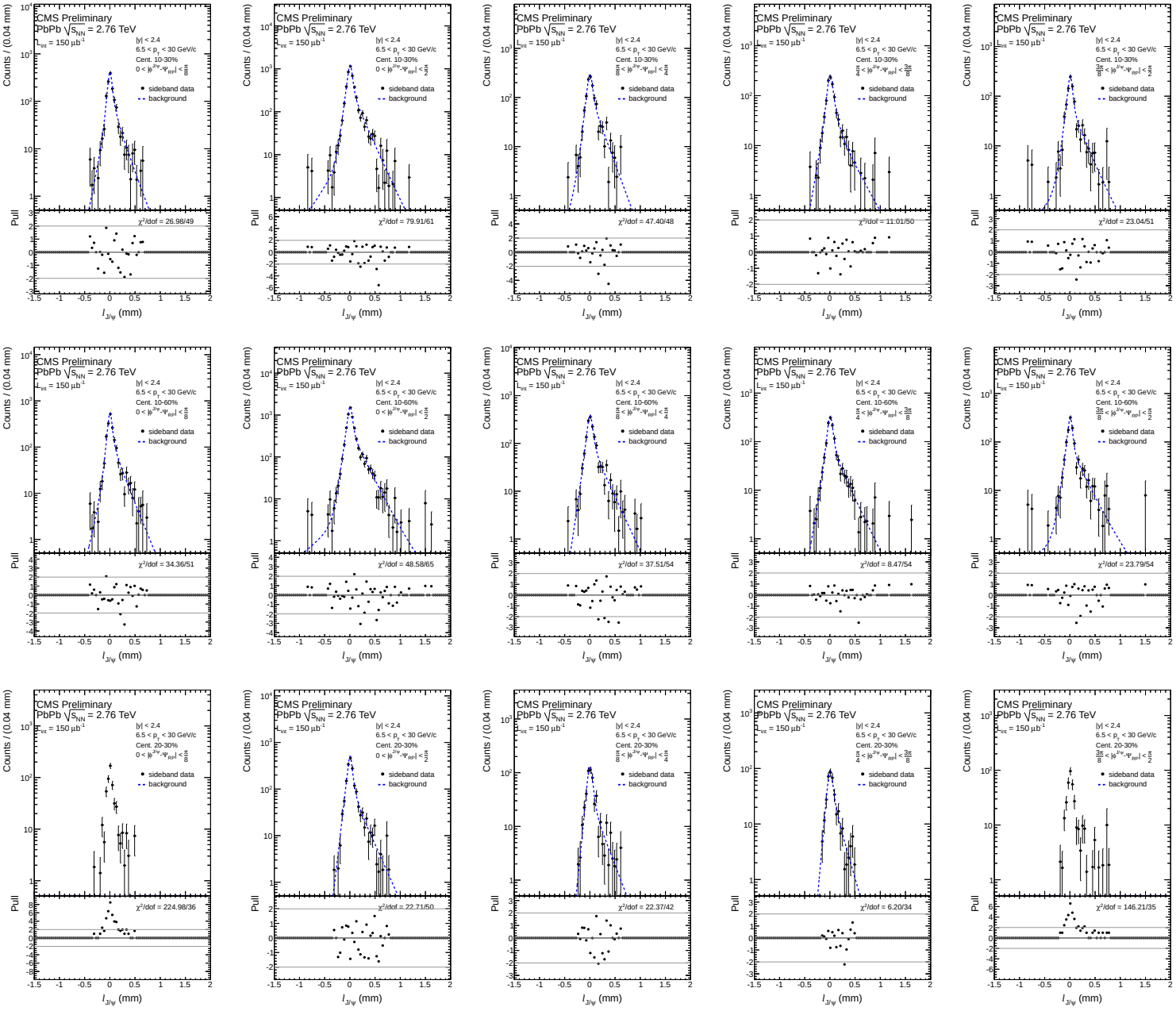
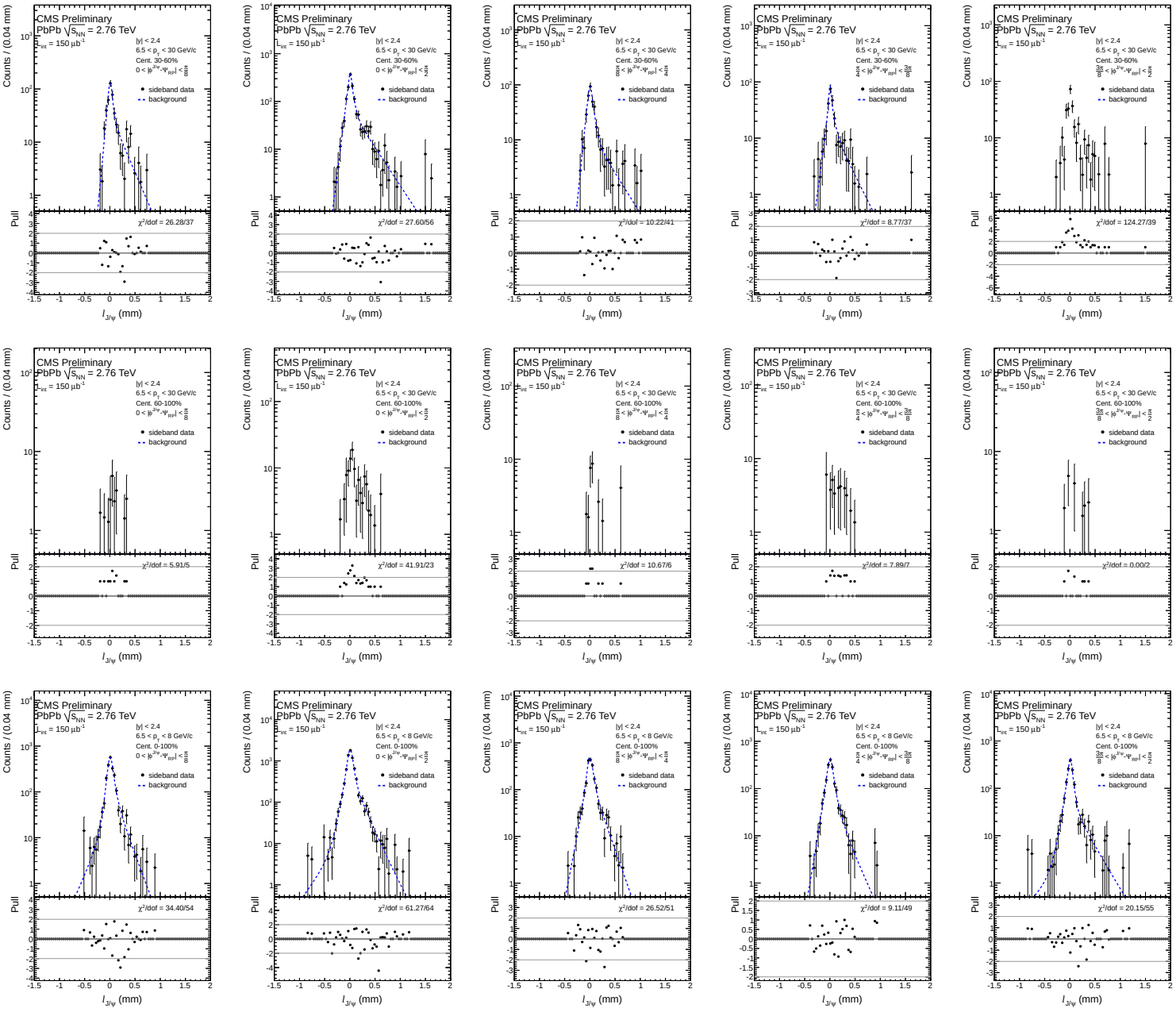
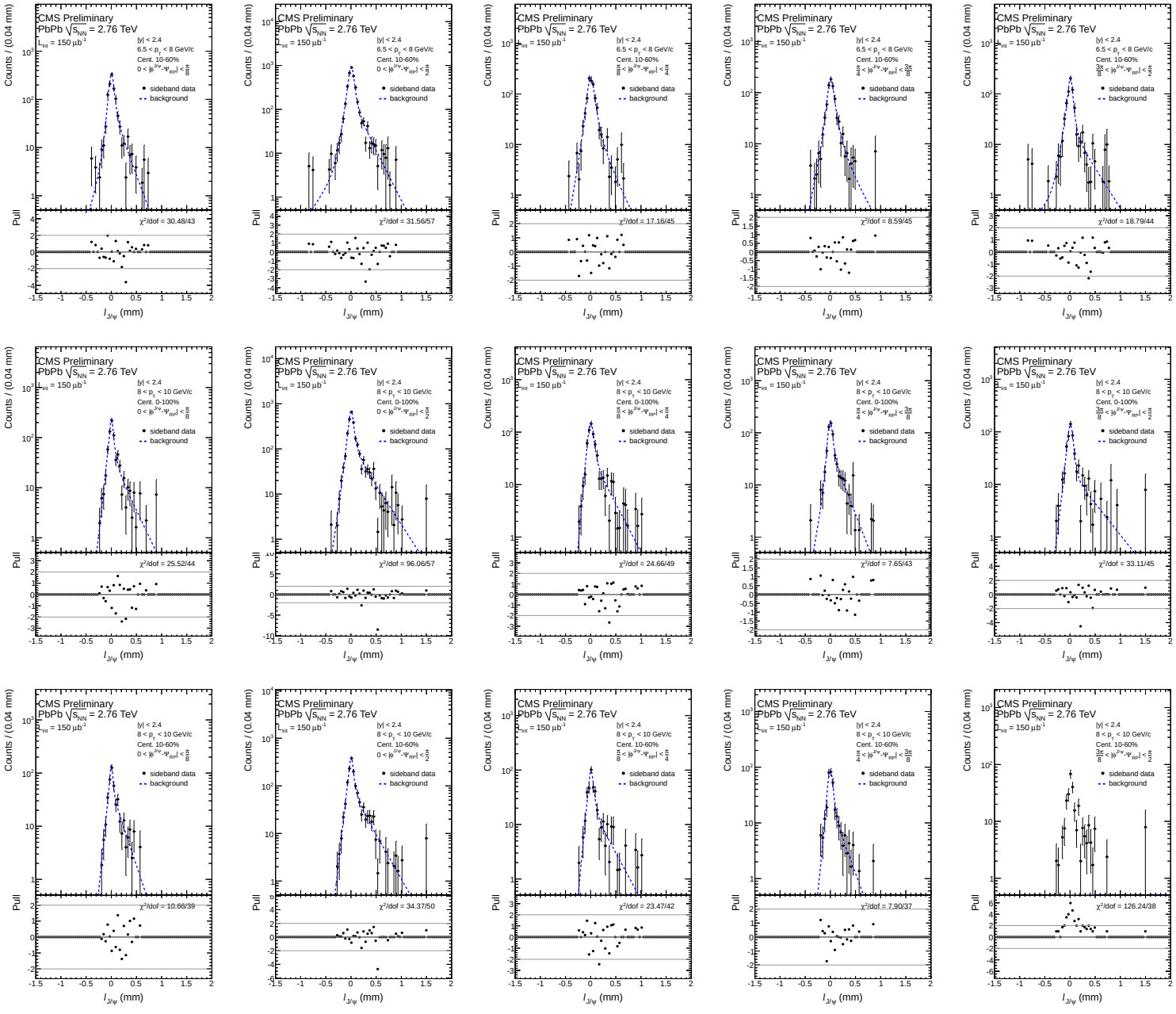

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{20}$
sideband data
background
χ^2/dof = 345.30/46
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 1482.41/64
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 418.26/46
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{20}$
sideband data
background
χ^2/dof = 17.55/48
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{3\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 363.53/51
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{20}$
sideband data
background
χ^2/dof = 231.18/38
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 891.73/57
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 251.47/41
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{20}$
sideband data
background
χ^2/dof = 204.04/41
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{3\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 7.21/43
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{20}$
sideband data
background
χ^2/dof = 132.91/34
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 583.23/54
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
$\frac{\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 15.48/34
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{20}$
sideband data
background
χ^2/dof = 134.60/40
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
$\frac{3\pi}{20} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 150.17/37
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)

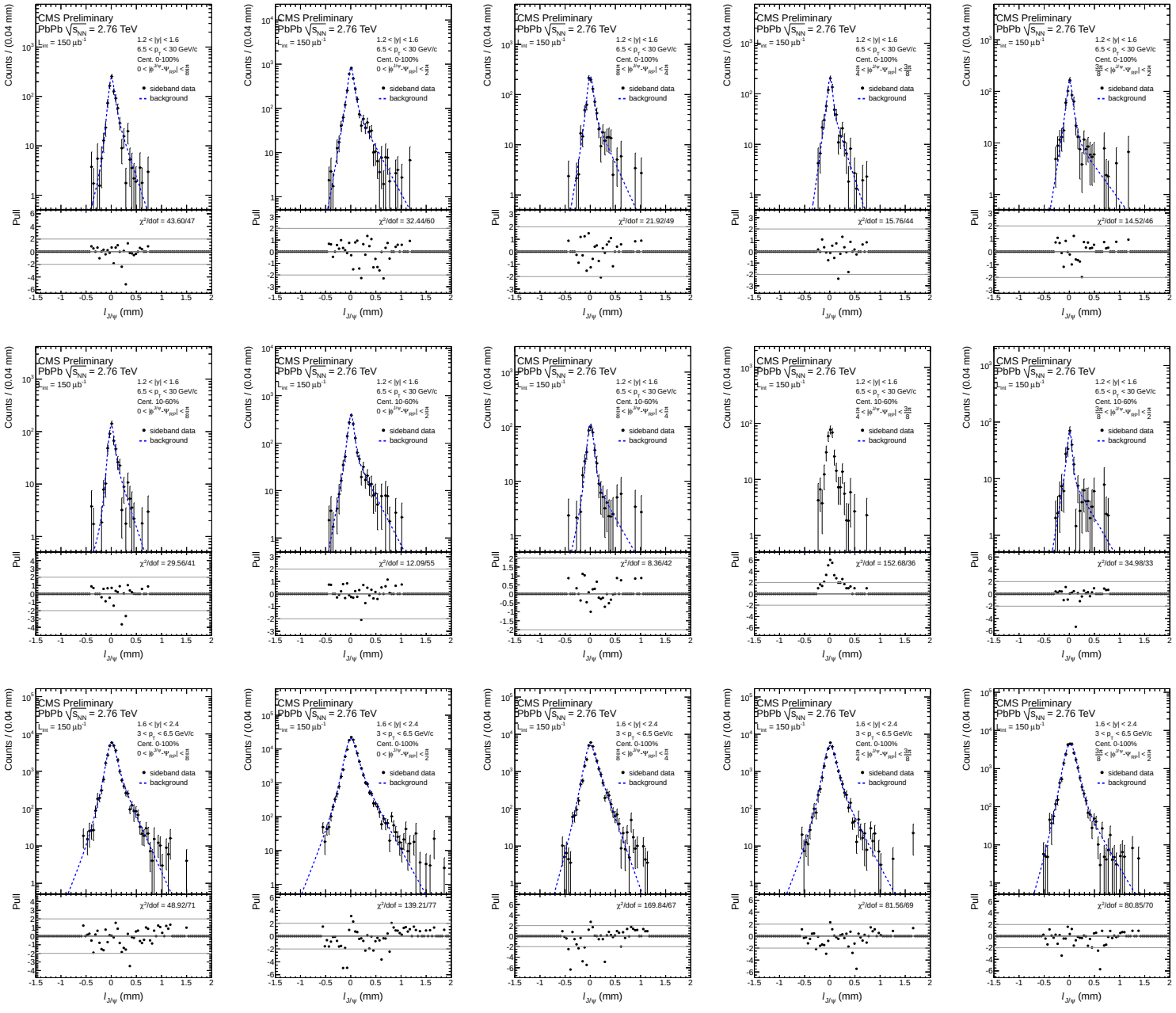

CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/20
sideband data
background
χ2/dof = 84.54/27
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
π/20 < |ϕJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 359.94/48
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
π/4 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 76.92/28
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
π/4 < |ϕJ/ψ-ΨRP| < 3π/8
sideband data
background
χ2/dof = 66.55/31
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
3π/8 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 88.43/30
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/20
sideband data
background
χ2/dof = 7.55/18
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
π/20 < |ϕJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 302.82/42
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
π/4 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 5.23/26
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
π/4 < |ϕJ/ψ-ΨRP| < 3π/8
sideband data
background
χ2/dof = 68.45/29
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
3π/8 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 59.52/20
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/20
sideband data
background
χ2/dof = 38.37/12
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
π/20 < |ϕJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 11.43/34
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 6.57/21
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |ϕJ/ψ-ΨRP| < 3π/8
sideband data
background
χ2/dof = 34.66/21
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
3π/8 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 25.83/12
Counts / (0.04 mm)
Pull
lJ/ψ (mm)

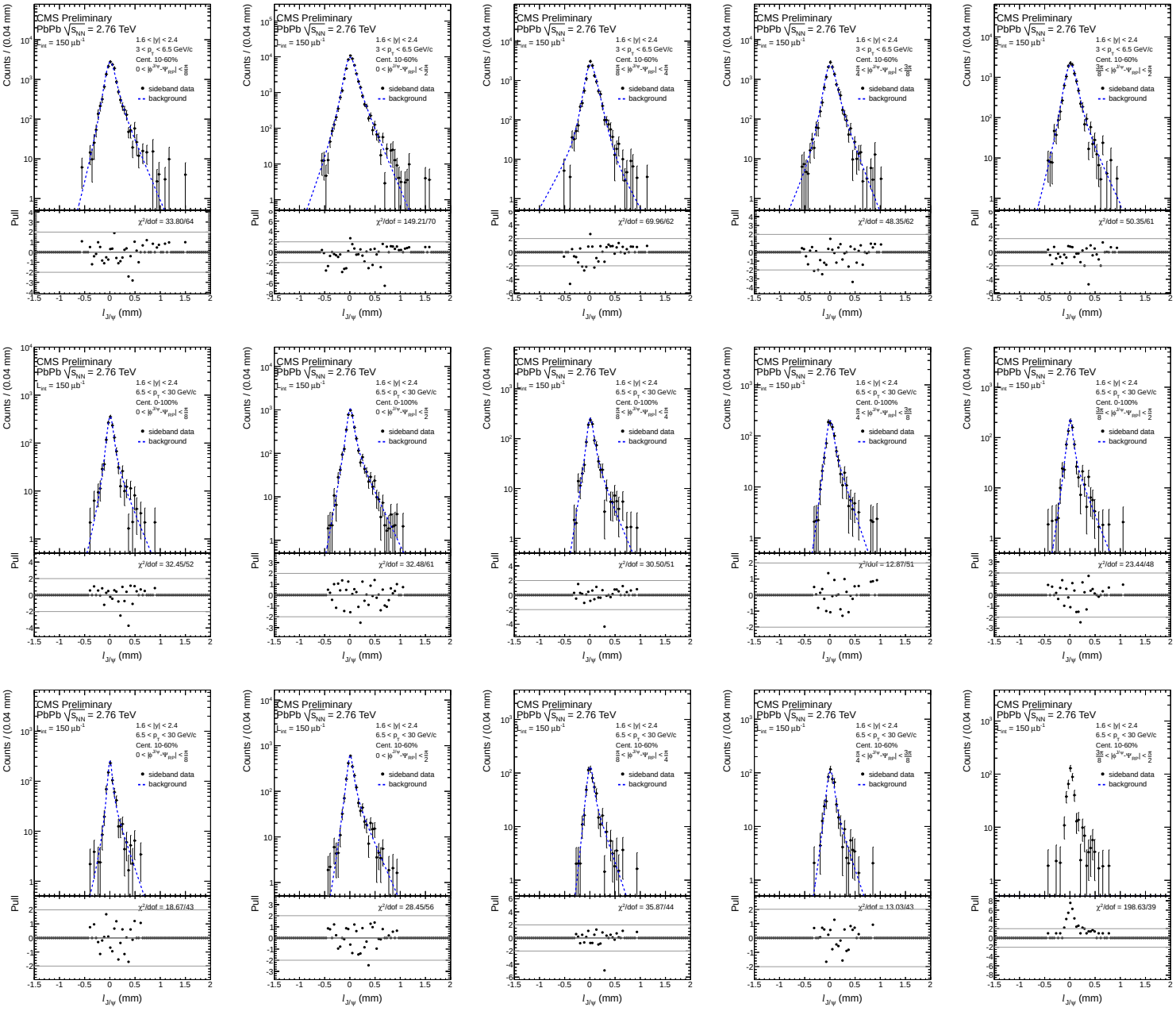

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
Cent. 10-20%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{100}$
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{50}$
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
$\frac{\pi}{4} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{3\pi}{8}$
$\frac{3\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 45.01/58
χ^2/dof = 74.19/68
χ^2/dof = 38.15/58
χ^2/dof = 65.45/59
χ^2/dof = 33.45/63
χ^2/dof = 33.56/51
χ^2/dof = 47.81/63
χ^2/dof = 33.20/53
χ^2/dof = 26.54/49
χ^2/dof = 25.00/53
χ^2/dof = 21.93/47
χ^2/dof = 39.22/59
χ^2/dof = 20.31/42
χ^2/dof = 9.05/46
χ^2/dof = 243.98/42
$l_{J/\psi}$ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-30%
0 < |ψ3/v-Ψrp| < π/6
sideband data
background
χ2/dof = 26.98/49
Cent. 10-30%
0 < |ψ3/v-Ψrp| < π/2
χ2/dof = 79.91/61
Cent. 10-30%
π/6 < |ψ3/v-Ψrp| < π/4
χ2/dof = 47.40/48
Cent. 10-30%
π/4 < |ψ3/v-Ψrp| < 3π/8
χ2/dof = 11.01/50
Cent. 10-30%
3π/8 < |ψ3/v-Ψrp| < π/2
χ2/dof = 23.04/51
Cent. 10-60%
0 < |ψ3/v-Ψrp| < π/6
χ2/dof = 34.36/51
Cent. 10-60%
0 < |ψ3/v-Ψrp| < π/2
χ2/dof = 48.58/65
Cent. 10-60%
π/6 < |ψ3/v-Ψrp| < π/4
χ2/dof = 37.51/54
Cent. 10-60%
π/4 < |ψ3/v-Ψrp| < 3π/8
χ2/dof = 8.47/54
Cent. 10-60%
3π/8 < |ψ3/v-Ψrp| < π/2
χ2/dof = 23.79/54
Cent. 20-30%
0 < |ψ3/v-Ψrp| < π/6
χ2/dof = 224.98/36
Cent. 20-30%
0 < |ψ3/v-Ψrp| < π/2
χ2/dof = 22.71/50
Cent. 20-30%
π/6 < |ψ3/v-Ψrp| < π/4
χ2/dof = 22.37/42
Cent. 20-30%
π/4 < |ψ3/v-Ψrp| < 3π/8
χ2/dof = 6.20/34
Cent. 20-30%
3π/8 < |ψ3/v-Ψrp| < π/2
χ2/dof = 146.21/35
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. 30-60%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{100}$
$\frac{\pi}{100} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
$\frac{3\pi}{8} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
Cent. 60-100%
6.5 < p_T < 8 GeV/c
Cent. 0-100%
sideband data
background
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
χ^2/dof = 26.28/37
χ^2/dof = 27.60/56
χ^2/dof = 10.22/41
χ^2/dof = 8.77/37
χ^2/dof = 124.27/39
χ^2/dof = 5.91/5
χ^2/dof = 41.91/23
χ^2/dof = 10.67/6
χ^2/dof = 7.89/7
χ^2/dof = 0.00/2
χ^2/dof = 34.40/54
χ^2/dof = 61.27/64
χ^2/dof = 26.52/51
χ^2/dof = 9.11/49
χ^2/dof = 20.15/55


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
0 < |ψ2/3ψ-Ψrp| < π/6
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 30.48/43
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
0 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 31.56/57
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
π/6 < |ψ2/3ψ-Ψrp| < π/3
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 17.16/45
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
π/4 < |ψ2/3ψ-Ψrp| < 3π/8
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 8.59/45
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
3π/8 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 18.79/44
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
0 < |ψ2/3ψ-Ψrp| < π/6
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 25.52/44
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
0 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 96.06/57
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
π/6 < |ψ2/3ψ-Ψrp| < π/3
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 24.66/49
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
π/4 < |ψ2/3ψ-Ψrp| < 3π/8
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 7.65/43
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
3π/8 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 33.11/45
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
0 < |ψ2/3ψ-Ψrp| < π/6
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 10.66/39
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
0 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 34.37/50
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
π/6 < |ψ2/3ψ-Ψrp| < π/4
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 23.47/42
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
π/4 < |ψ2/3ψ-Ψrp| < 3π/8
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 7.90/37
l J/ψ (mm)
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
3π/8 < |ψ2/3ψ-Ψrp| < π/2
sideband data
background
Counts / (0.04 mm)
Pull
χ2/dof = 126.24/38
l J/ψ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/16
sideband data
background
χ2/dof = 43.60/47
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 32.44/60
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
π/16 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 21.92/49
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 15.76/44
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
3π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 14.52/46
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/16
χ2/dof = 29.56/41
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 12.09/55
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/16 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 8.36/42
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 152.68/36
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
3π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 34.98/33
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/16
χ2/dof = 48.92/71
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 139.21/77
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
π/16 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 169.84/67
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 81.56/69
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
3π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 80.85/70
Counts / (0.04 mm)
Pull
lJ/ψ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{100}$
sideband data
background
χ^2/dof = 33.80/64
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 149.21/70
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{\pi}{100} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 69.96/62
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 48.35/62
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{3\pi}{8} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 50.35/61
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{100}$
sideband data
background
χ^2/dof = 32.45/52
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 32.48/61
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{\pi}{100} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 30.50/51
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{\pi}{4} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 12.87/51
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$\frac{3\pi}{8} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 23.44/48
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{100}$
sideband data
background
χ^2/dof = 18.67/43
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 28.45/56
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{100} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 35.87/44
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 13.03/43
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{3\pi}{8} < |\phi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 198.63/39
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)