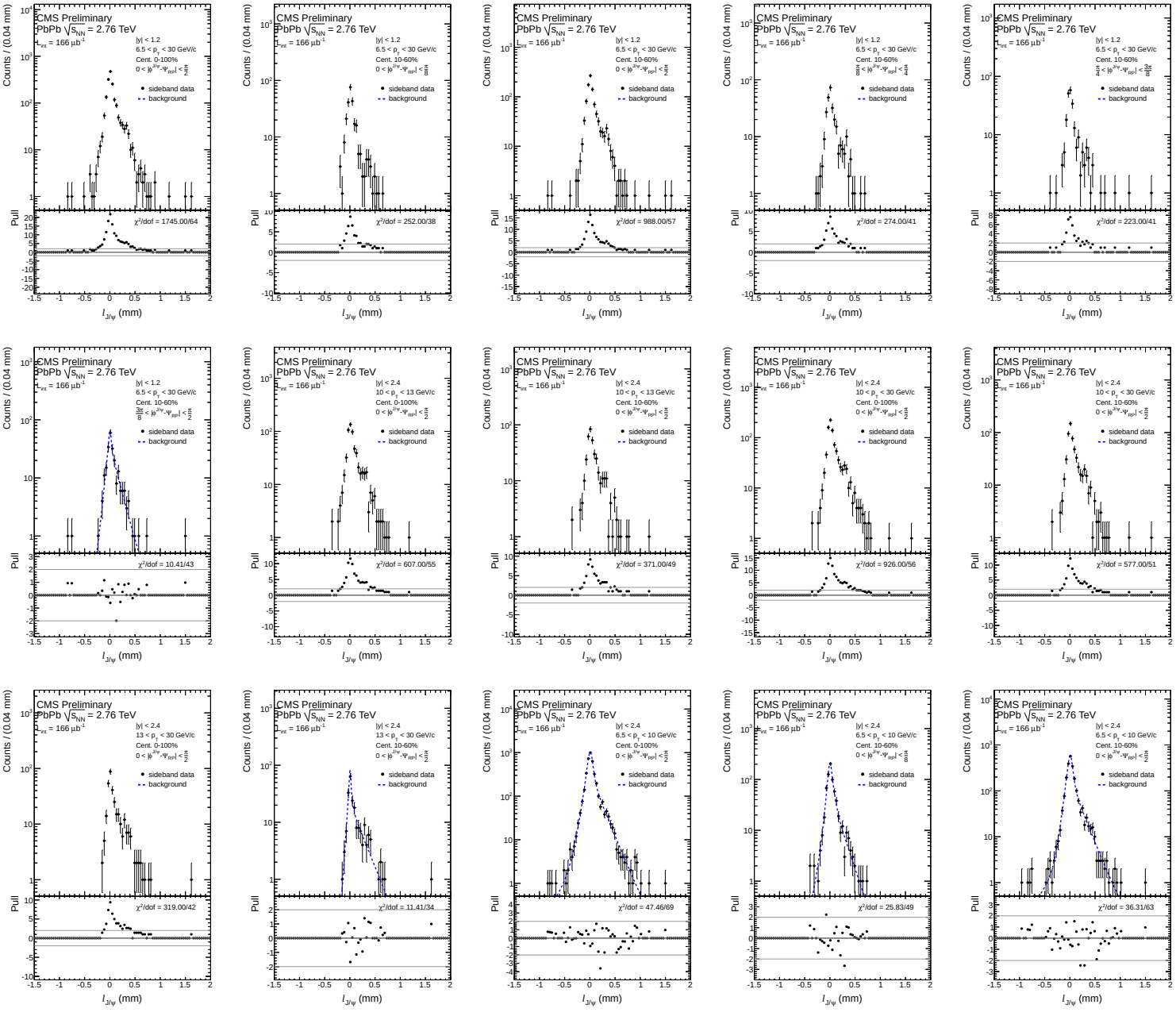
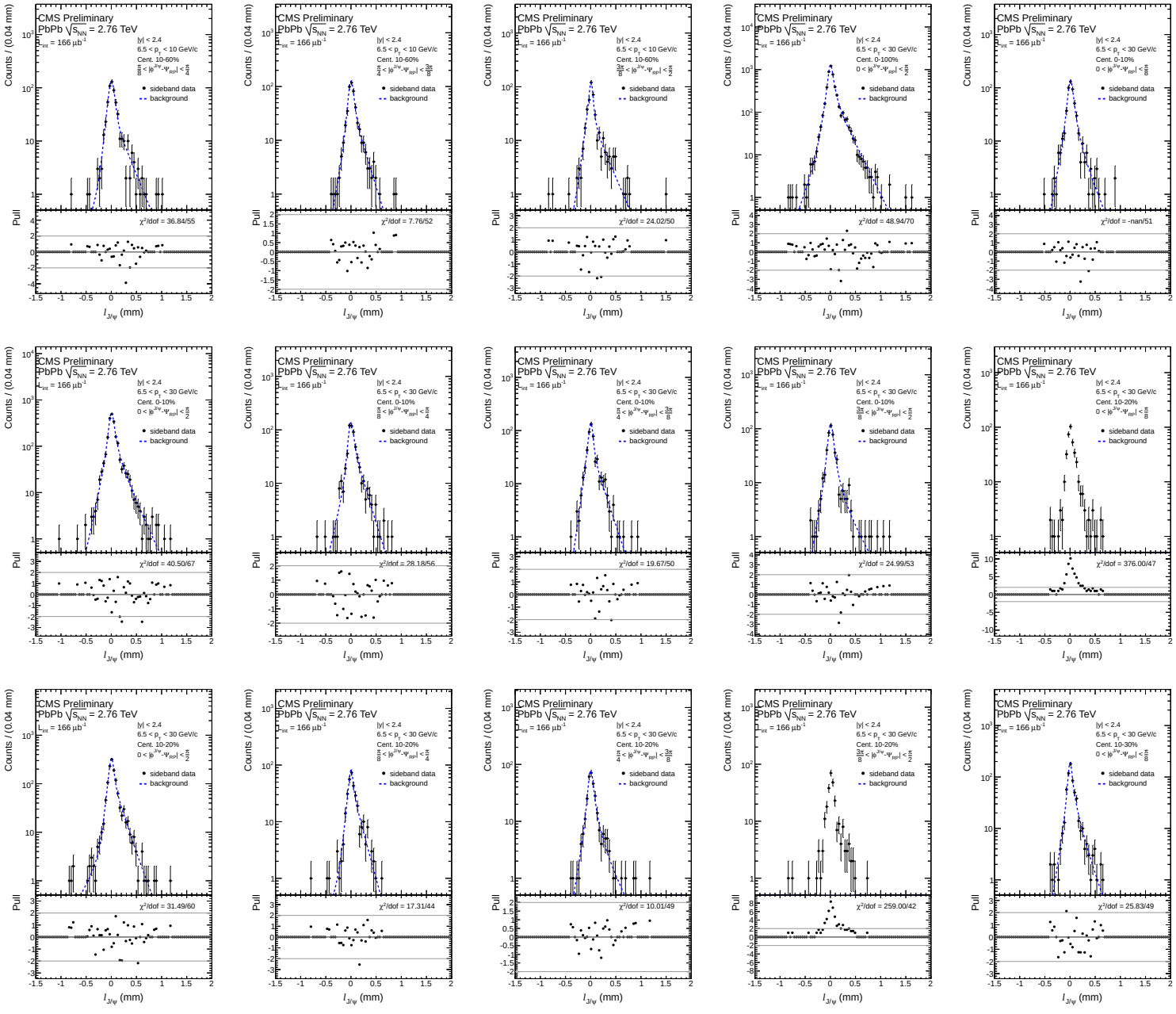
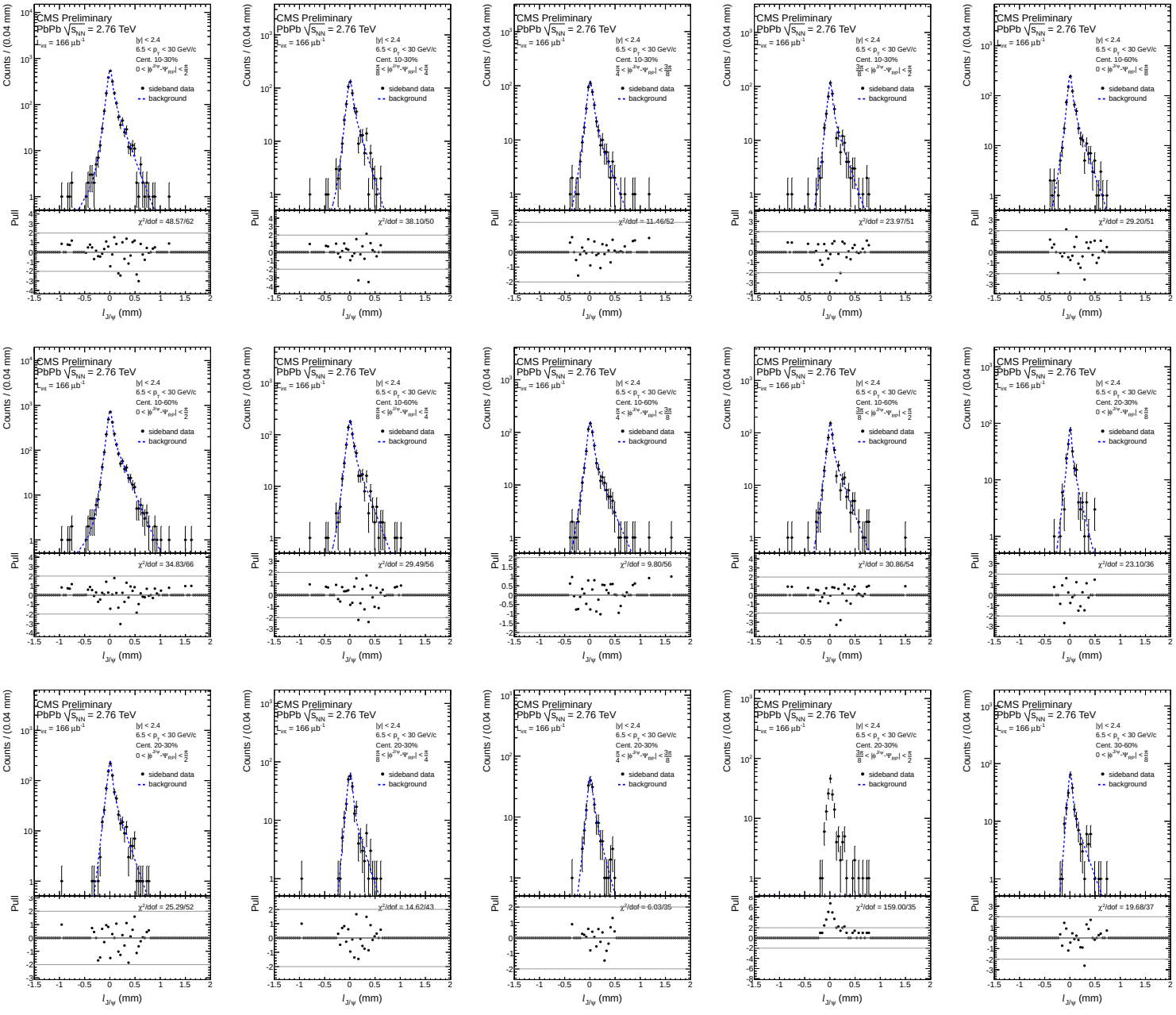
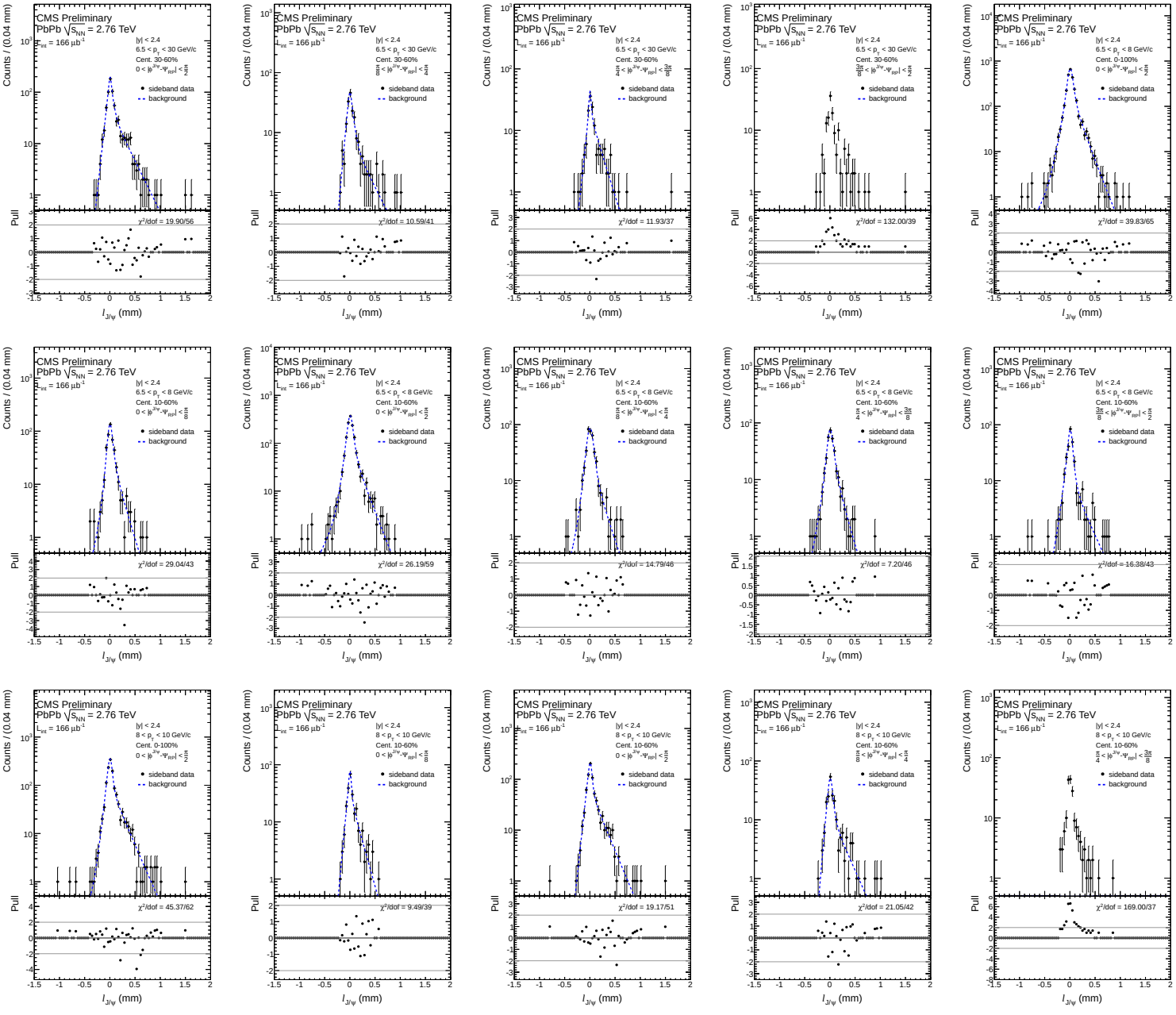
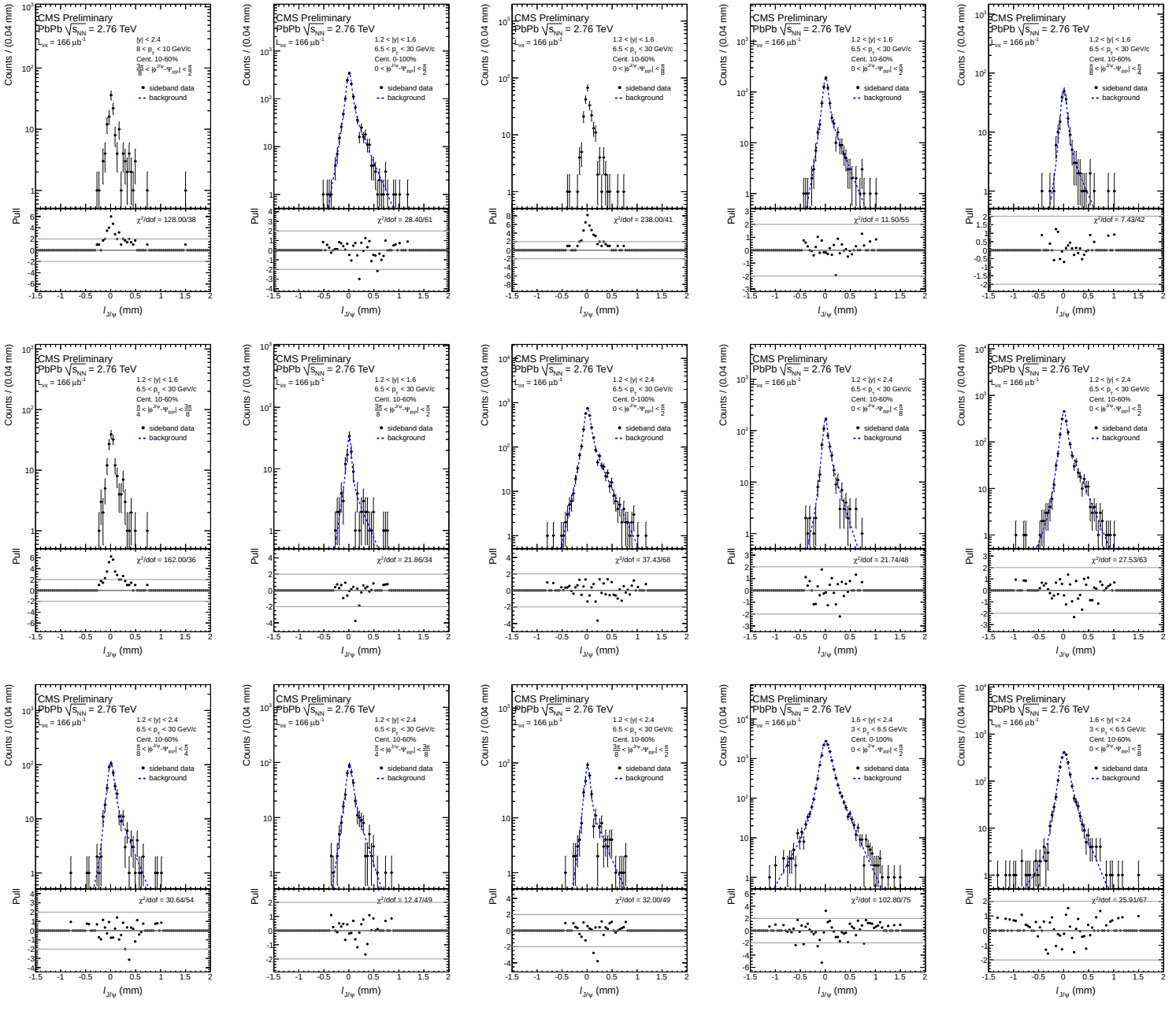
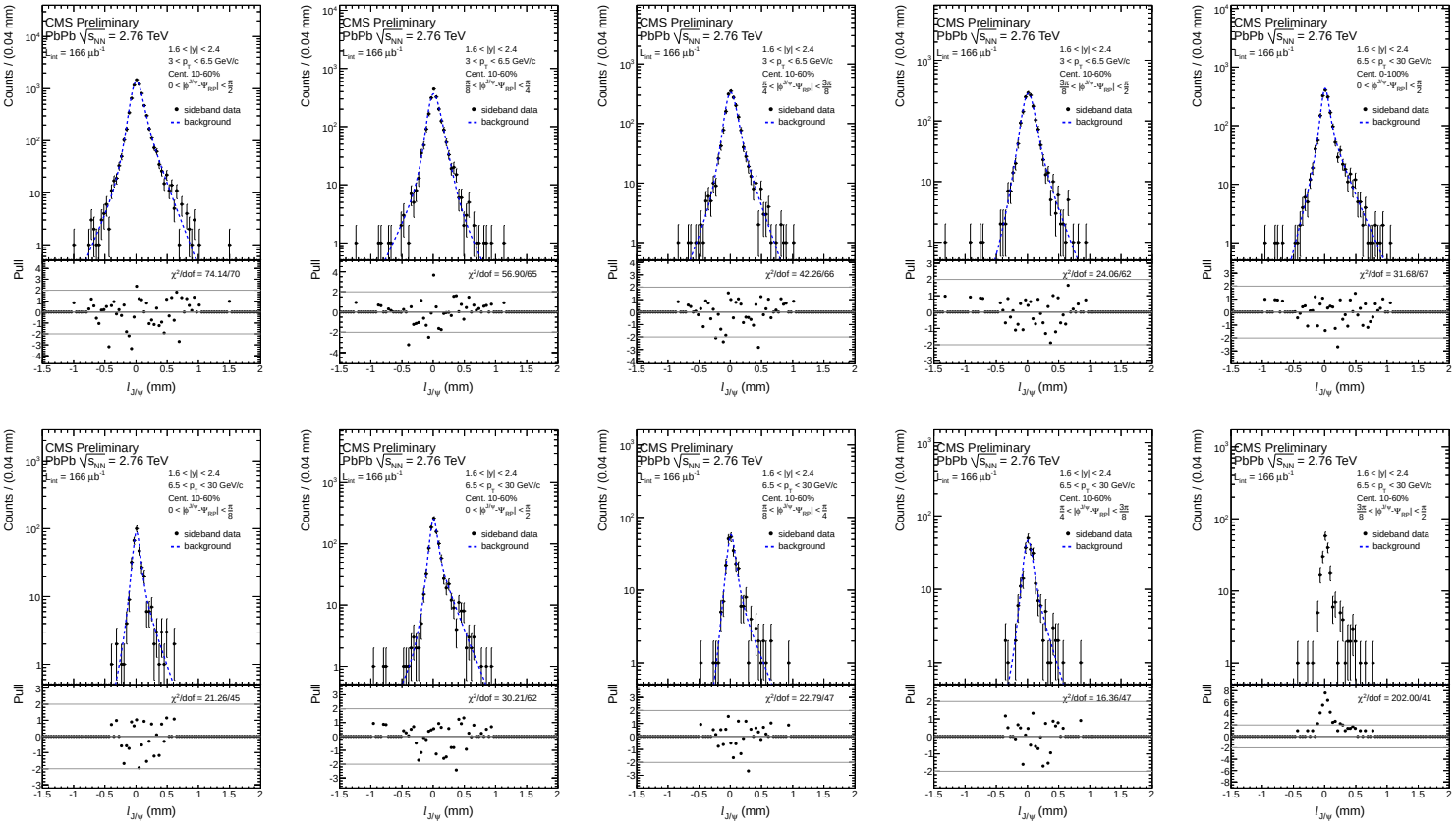

CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 1745.00/64
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/8
χ2/dof = 252.00/38
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 988.00/57
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |ϕJ/ψ-ΨRP| < π/8
χ2/dof = 274.00/41
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 223.00/41
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 10.41/43
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 607.00/55
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 371.00/49
|y| < 2.4
10 < pT < 30 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 926.00/56
|y| < 2.4
10 < pT < 30 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 577.00/51
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 319.00/42
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 11.41/34
|y| < 2.4
6.5 < pT < 10 GeV/c
Cent. 0-100%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 47.46/69
|y| < 2.4
6.5 < pT < 10 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 25.83/49
|y| < 2.4
6.5 < pT < 10 GeV/c
Cent. 10-60%
0 < |ϕJ/ψ-ΨRP| < π/2
χ2/dof = 36.31/63
Counts / (0.04 mm)
Pull
lJ/ψ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 10 GeV/c
Cent. 10-60%
π/16 < |φJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 36.84/55
6.5 < pT < 10 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < π/16
χ2/dof = 7.76/52
6.5 < pT < 10 GeV/c
Cent. 10-60%
π/16 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 24.02/50
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 48.94/70
6.5 < pT < 30 GeV/c
Cent. 0-10%
0 < |φJ/ψ-ΨRP| < π/16
χ2/dof = -nan/51
6.5 < pT < 30 GeV/c
Cent. 0-10%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 40.50/67
6.5 < pT < 30 GeV/c
Cent. 0-10%
π/16 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 28.18/56
6.5 < pT < 30 GeV/c
Cent. 0-10%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 19.67/50
6.5 < pT < 30 GeV/c
Cent. 0-10%
3π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 24.99/53
6.5 < pT < 30 GeV/c
Cent. 10-20%
0 < |φJ/ψ-ΨRP| < π/16
χ2/dof = 376.00/47
6.5 < pT < 30 GeV/c
Cent. 10-20%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 31.49/60
6.5 < pT < 30 GeV/c
Cent. 10-20%
π/16 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 17.31/44
6.5 < pT < 30 GeV/c
Cent. 10-20%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 10.01/49
6.5 < pT < 30 GeV/c
Cent. 10-20%
3π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 259.00/42
6.5 < pT < 30 GeV/c
Cent. 10-30%
0 < |φJ/ψ-ΨRP| < π/16
χ2/dof = 25.83/49
Counts / (0.04 mm)
Pull
lJ/ψ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-30%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 48.57/62
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-30%
$\frac{\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 38.10/50
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-30%
$\frac{\pi}{4} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 11.46/52
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-30%
$\frac{3\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 23.97/51
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 29.20/51
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|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
Counts / (0.04 mm)
Pull
χ^2/dof = 34.83/66
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 29.49/56
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|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
Counts / (0.04 mm)
Pull
χ^2/dof = 9.80/56
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|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
Counts / (0.04 mm)
Pull
χ^2/dof = 30.86/54
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 20-30%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 23.10/36
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 20-30%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 25.29/52
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 20-30%
$\frac{\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 14.62/43
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 20-30%
$\frac{\pi}{4} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 6.03/35
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 20-30%
$\frac{3\pi}{8} < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 159.00/35
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 30-60%
$0 < |\phi^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 19.68/37
$l_{J/\psi}$ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 30-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 19.90/56
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 30-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 10.59/41
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 30-60%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
χ^2/dof = 11.93/37
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 30-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 132.00/39
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 0-100%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 39.83/65
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 10-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
χ^2/dof = 29.04/43
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 10-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 26.19/59
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 14.79/46
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 7.20/46
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 8 GeV/c
Cent. 10-60%
$\frac{3\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 16.38/43
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 0-100%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 45.37/62
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 10-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
χ^2/dof = 9.49/39
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 10-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 19.17/51
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 21.05/42
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
8 < p_T < 10 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 169.00/37
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
π/8 < |ψJ/ψ-ψRP| < π/4
sideband data
background
χ2/dof = 128.00/38
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |ψJ/ψ-ψRP| < π/4
χ2/dof = 28.40/61
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ψJ/ψ-ψRP| < π/8
χ2/dof = 238.00/41
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 11.50/55
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ψJ/ψ-ψRP| < π/4
χ2/dof = 7.43/42
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 162.00/36
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 21.86/34
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 37.43/68
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ψJ/ψ-ψRP| < π/8
χ2/dof = 21.74/48
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |ψJ/ψ-ψRP| < π/4
χ2/dof = 27.53/63
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ψJ/ψ-ψRP| < π/4
χ2/dof = 30.64/54
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |ψJ/ψ-ψRP| < π/8
χ2/dof = 12.47/49
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 32.00/49
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
0 < |ψJ/ψ-ψRP| < π/2
χ2/dof = 102.80/75
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 10-60%
0 < |ψJ/ψ-ψRP| < π/8
χ2/dof = 25.91/67
Counts / (0.04 mm)
Pull
lJ/ψ (mm)


CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 74.14/70
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 56.90/65
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 42.26/66
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 6.5 GeV/c
Cent. 10-60%
$\frac{3\pi}{8} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 24.06/62
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
3 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 31.68/67
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$0 < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
χ^2/dof = 21.26/45
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
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 = 30.21/62
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
χ^2/dof = 22.79/47
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
χ^2/dof = 16.36/47
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
1.6 < |y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{3\pi}{8} < |\psi^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
χ^2/dof = 202.00/41
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)