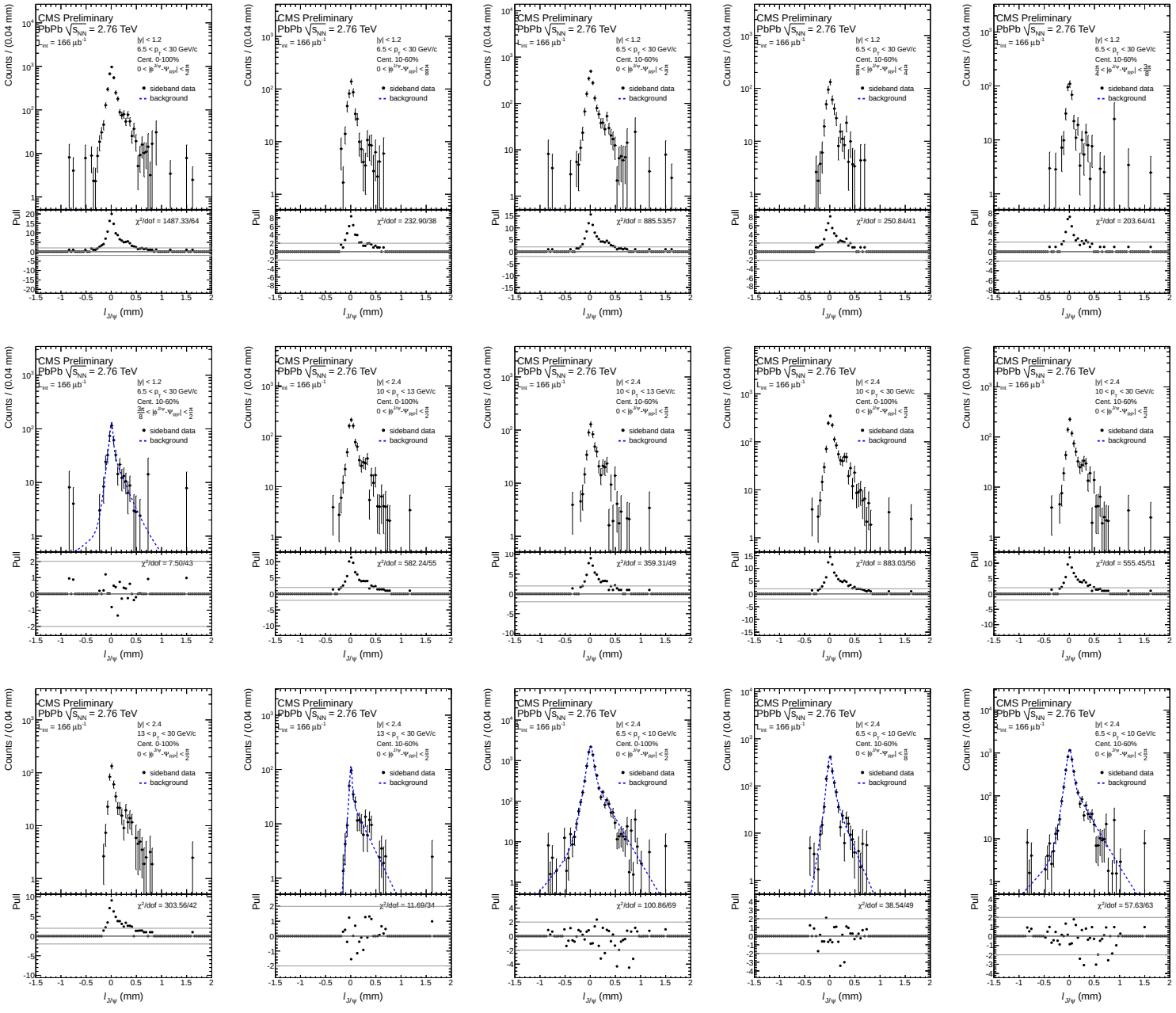
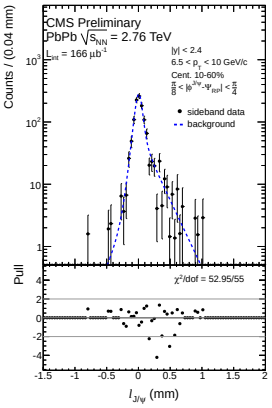
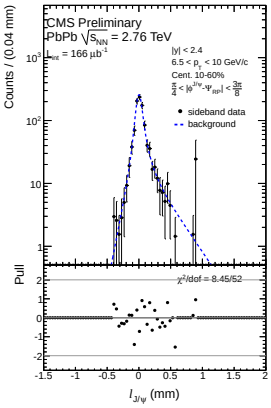
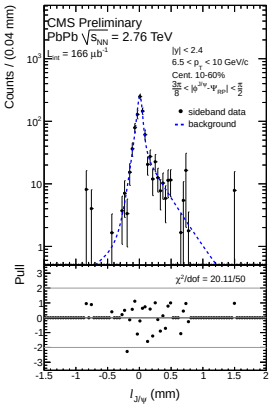
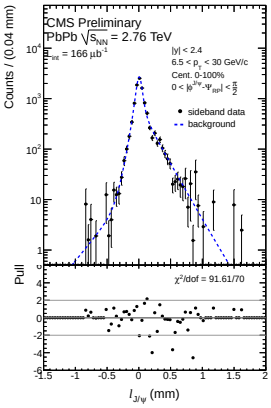
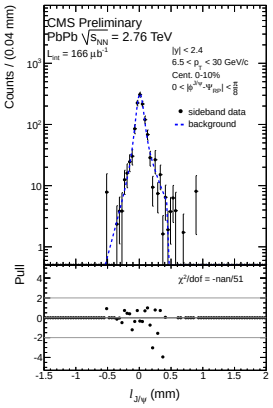

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 0-100%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 1487.33/64
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
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 = 232.90/38
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
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 = 885.53/57
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{4}$ < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 250.84/41
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
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 = 203.64/41
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 1.2
6.5 < p_T < 30 GeV/c
Cent. 10-60%
$\frac{\pi}{8}$ < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 7.50/43
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
10 < p_T < 13 GeV/c
Cent. 0-100%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 582.24/55
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
10 < p_T < 13 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 = 359.31/49
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
10 < p_T < 30 GeV/c
Cent. 0-100%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 883.03/56
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
10 < 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 = 555.45/51
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
13 < p_T < 30 GeV/c
Cent. 0-100%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 303.56/42
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
13 < 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 = 11.69/34
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 GeV/c
Cent. 0-100%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 100.86/69
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 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 = 38.54/49
$l_{J/\psi}$ (mm)
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 GeV/c
Cent. 10-60%
0 < $|\phi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 57.63/63
$l_{J/\psi}$ (mm)

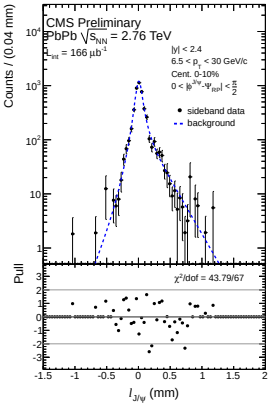

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 52.95/55
$l_{J/\psi}$ (mm)

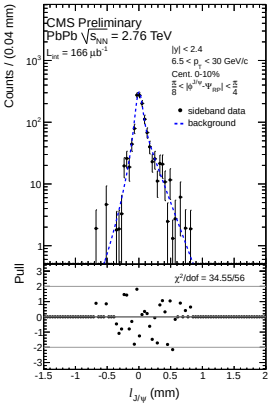

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 GeV/c
Cent. 10-60%
$\frac{\pi}{4} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 8.45/52
$l_{J/\psi}$ (mm)

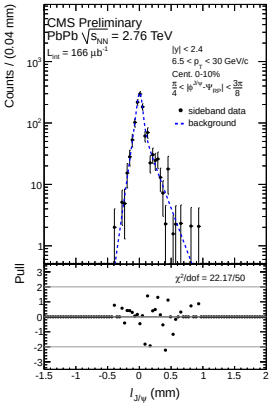

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 10 GeV/c
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 20.11/50
$l_{J/\psi}$ (mm)

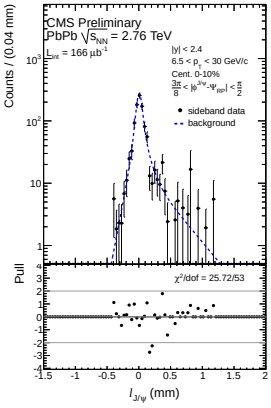

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-100%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 91.61/70
$l_{J/\psi}$ (mm)

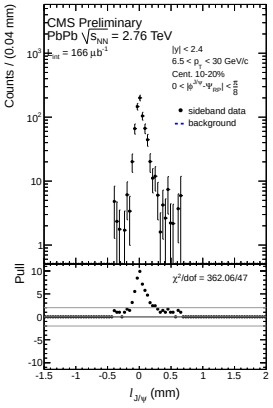

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-10%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = -nan/51
$l_{J/\psi}$ (mm)

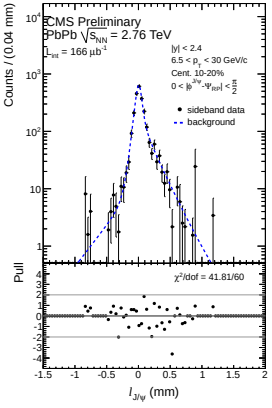

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-10%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 43.79/67
$l_{J/\psi}$ (mm)

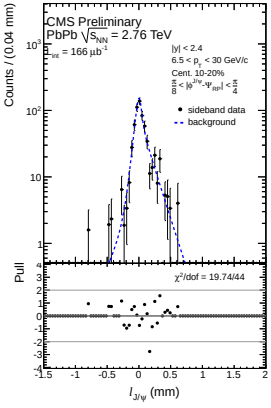

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-10%
$\frac{\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 34.55/56
$l_{J/\psi}$ (mm)

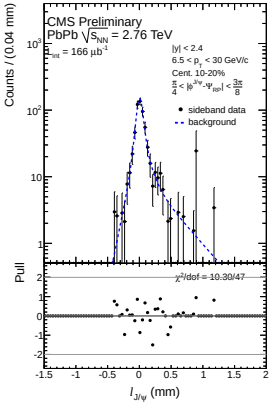

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-10%
$\frac{\pi}{4} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 22.17/50
$l_{J/\psi}$ (mm)

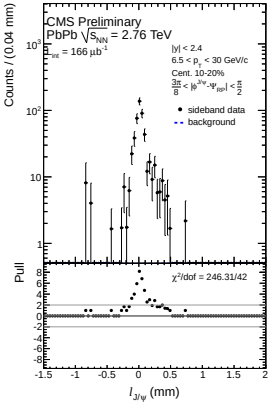

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 0-10%
$\frac{3\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 25.72/53
$l_{J/\psi}$ (mm)

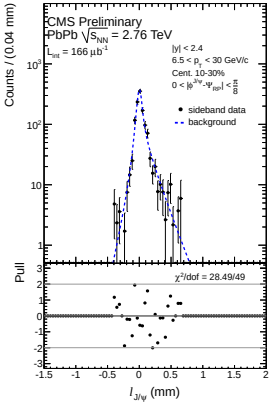

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-20%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 362.06/47
$l_{J/\psi}$ (mm)

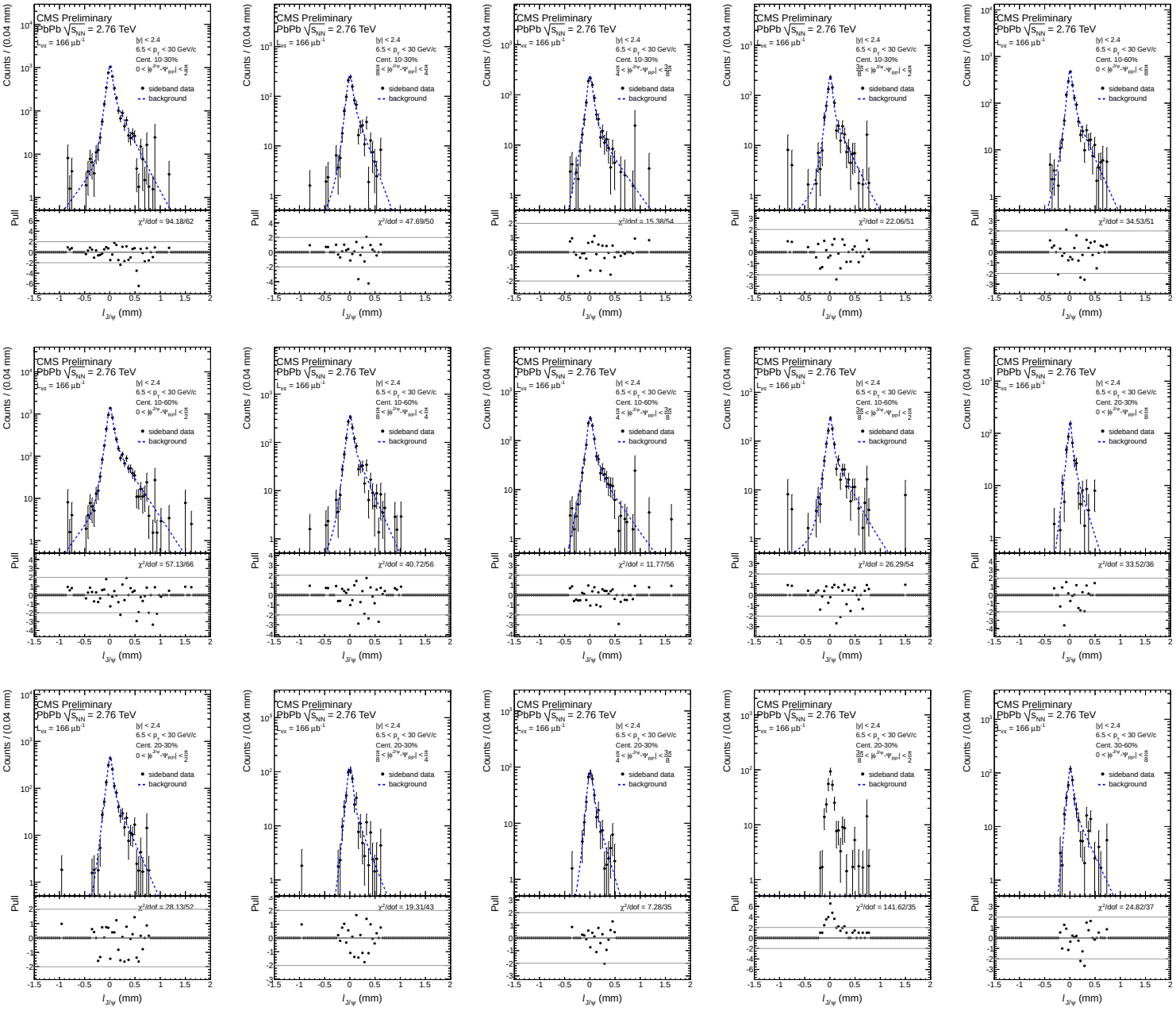

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-20%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 41.81/60
$l_{J/\psi}$ (mm)

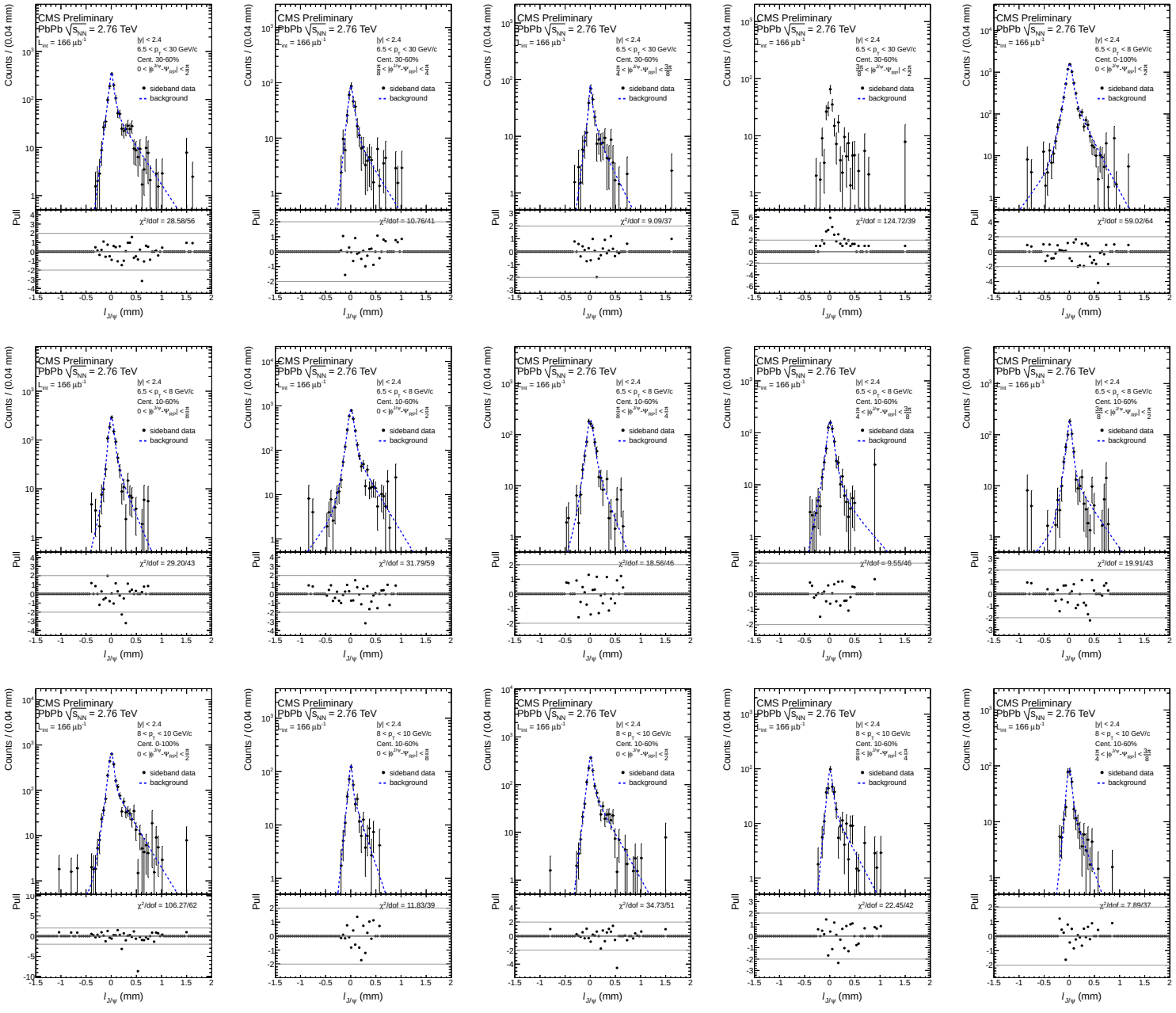

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-20%
$\frac{\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 19.74/44
$l_{J/\psi}$ (mm)

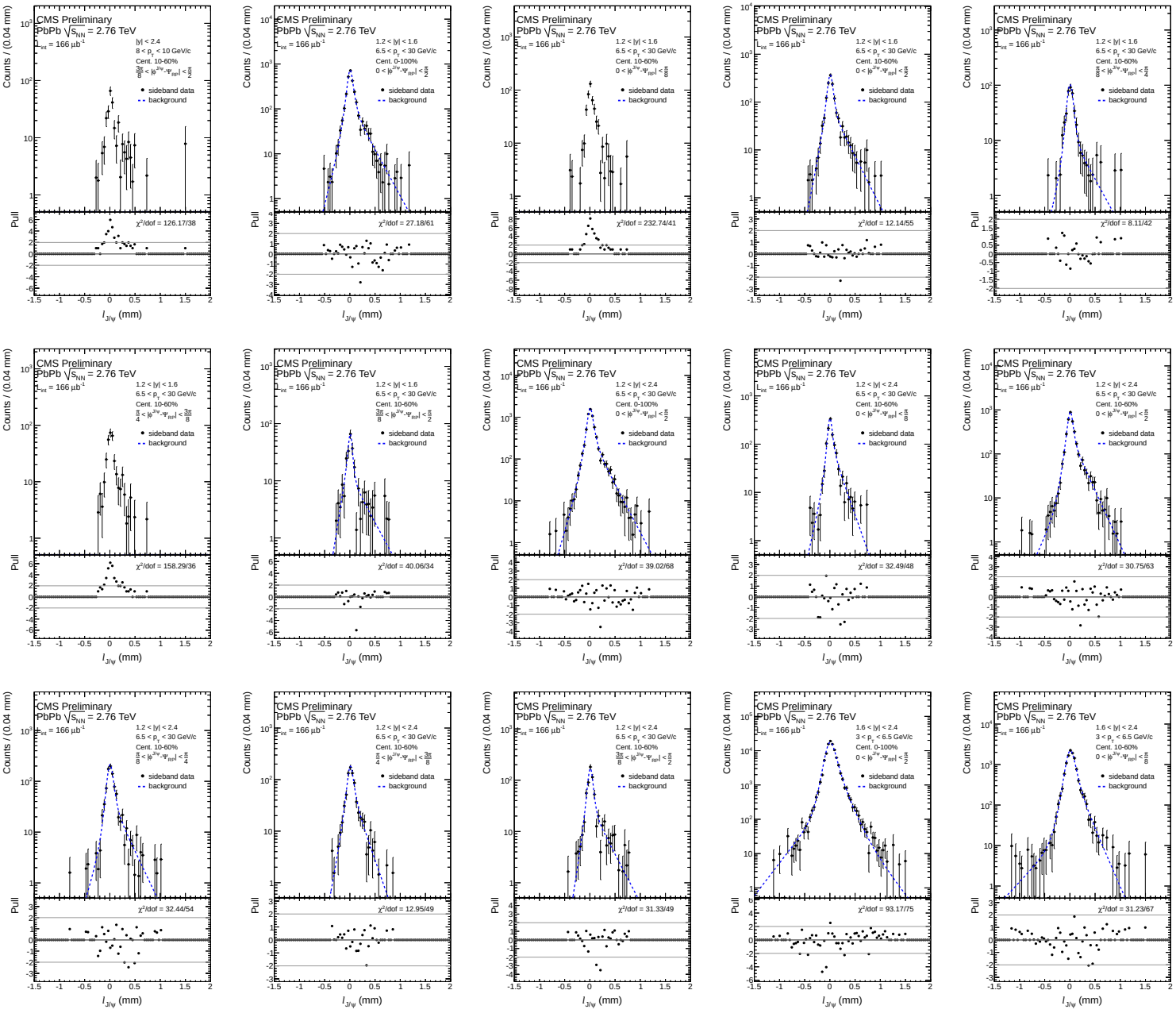

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-20%
$\frac{\pi}{4} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{3\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 10.30/47
$l_{J/\psi}$ (mm)

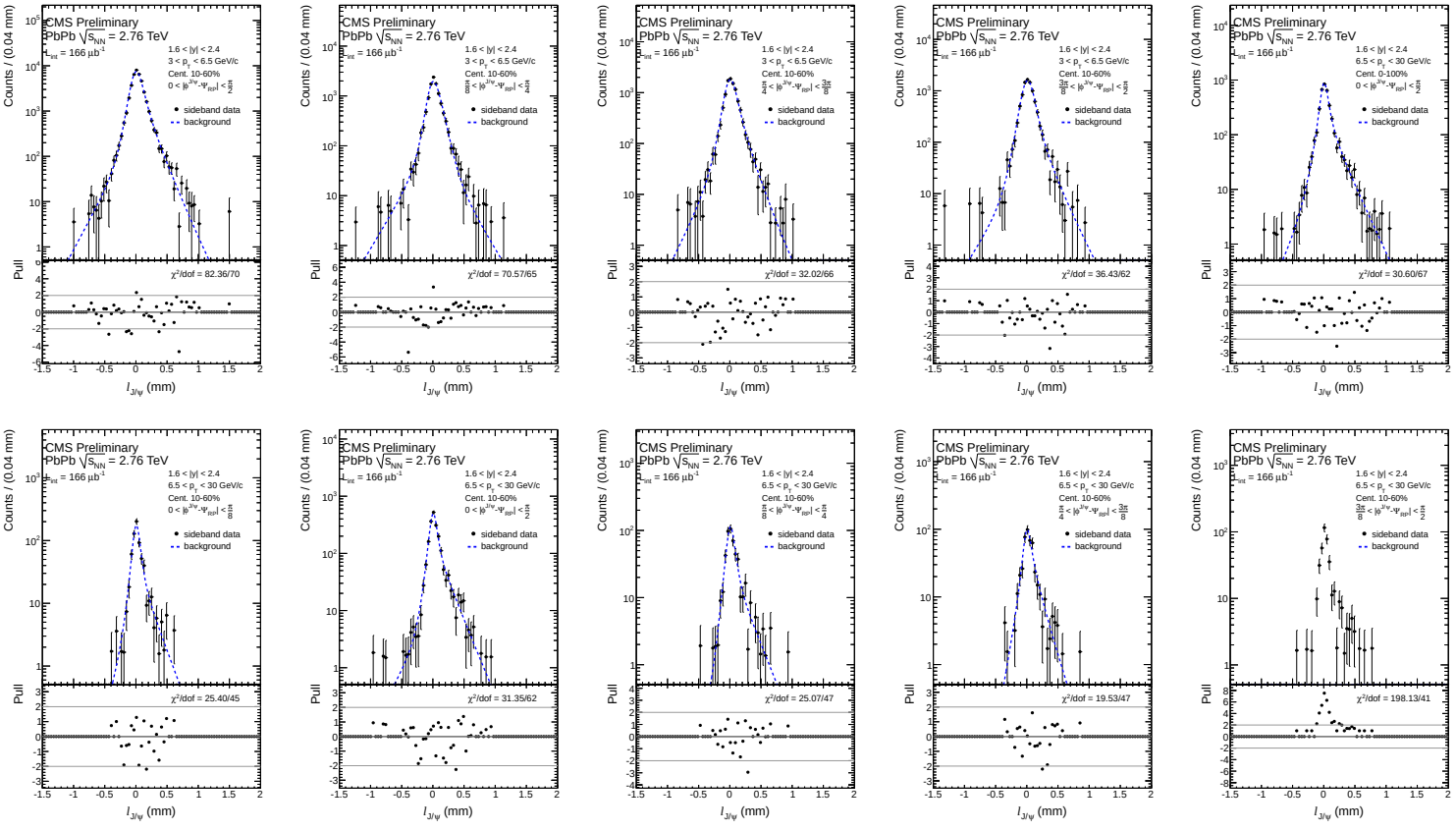

CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 166 μb^{-1}
|y| < 2.4
6.5 < p_T < 30 GeV/c
Cent. 10-20%
$\frac{3\pi}{8} < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 246.31/42
$l_{J/\psi}$ (mm)


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%
$0 < |\theta^{J/\psi} - \Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 28.49/49
$l_{J/\psi}$ (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%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 10-30%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 10-30%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 10-30%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
Cent. 10-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
Cent. 10-60%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
Cent. 10-60%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 20-30%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
Cent. 20-30%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 20-30%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{4}$
Cent. 20-30%
$\frac{\pi}{4} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
Cent. 20-30%
$\frac{\pi}{8} < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{2}$
Cent. 30-60%
$0 < |\theta^{J/\psi}-\Psi_{RP}| < \frac{\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
χ^2/dof = 94.18/62
χ^2/dof = 47.69/50
χ^2/dof = 15.38/54
χ^2/dof = 22.06/51
χ^2/dof = 34.53/51
χ^2/dof = 57.13/66
χ^2/dof = 40.72/56
χ^2/dof = 11.77/56
χ^2/dof = 26.29/54
χ^2/dof = 33.52/36
χ^2/dof = 28.13/52
χ^2/dof = 19.31/43
χ^2/dof = 7.28/35
χ^2/dof = 141.62/35
χ^2/dof = 24.82/37


CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 30-60%
0 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 28.58/56
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 30-60%
π/16 < |φJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 10.76/41
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 30-60%
π/4 < |φJ/ψ-ΨRP| < π/8
sideband data
background
χ2/dof = 9.09/37
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 30-60%
π/8 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 124.72/39
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 59.02/64
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/8
sideband data
background
χ2/dof = 29.20/43
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 31.79/59
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
π/8 < |φJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 18.56/46
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < 3π/8
sideband data
background
χ2/dof = 9.55/46
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
6.5 < pT < 8 GeV/c
Cent. 10-60%
3π/8 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 19.91/43
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 106.27/62
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/8
sideband data
background
χ2/dof = 11.83/39
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/2
sideband data
background
χ2/dof = 34.73/51
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
π/8 < |φJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 22.45/42
CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 166 μb-1
|y| < 2.4
8 < pT < 10 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < 3π/8
sideband data
background
χ2/dof = 7.89/37
Counts / (0.04 mm)
Pull
lJ/ψ (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 < |φJ/ψ-ΨRP| < π/4
sideband data
background
χ2/dof = 126.17/38
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 27.18/61
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 232.74/41
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 12.14/55
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 8.11/42
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 158.29/36
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 40.06/34
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 39.02/68
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 32.49/48
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 30.75/63
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |φJ/ψ-ΨRP| < π/4
χ2/dof = 32.44/54
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/4 < |φJ/ψ-ΨRP| < 3π/8
χ2/dof = 12.95/49
1.2 < |y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 10-60%
π/8 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 31.33/49
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
0 < |φJ/ψ-ΨRP| < π/2
χ2/dof = 93.17/75
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 10-60%
0 < |φJ/ψ-ΨRP| < π/8
χ2/dof = 31.23/67
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
Counts / (0.04 mm)
Pull
χ^2/dof = 82.36/70
$l_{J/\psi}$ (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%
$\frac{\pi}{8}$ < $|\psi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{4}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 70.57/65
$l_{J/\psi}$ (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%
$\frac{\pi}{4}$ < $|\psi^{J/\psi}-\Psi_{RP}|$ < $\frac{3\pi}{8}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 32.02/66
$l_{J/\psi}$ (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%
$\frac{3\pi}{8}$ < $|\psi^{J/\psi}-\Psi_{RP}|$ < $\frac{\pi}{2}$
sideband data
background
Counts / (0.04 mm)
Pull
χ^2/dof = 36.43/62
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 30.60/67
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 25.40/45
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 31.35/62
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 25.07/47
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 19.53/47
$l_{J/\psi}$ (mm)
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
Counts / (0.04 mm)
Pull
χ^2/dof = 198.13/41
$l_{J/\psi}$ (mm)