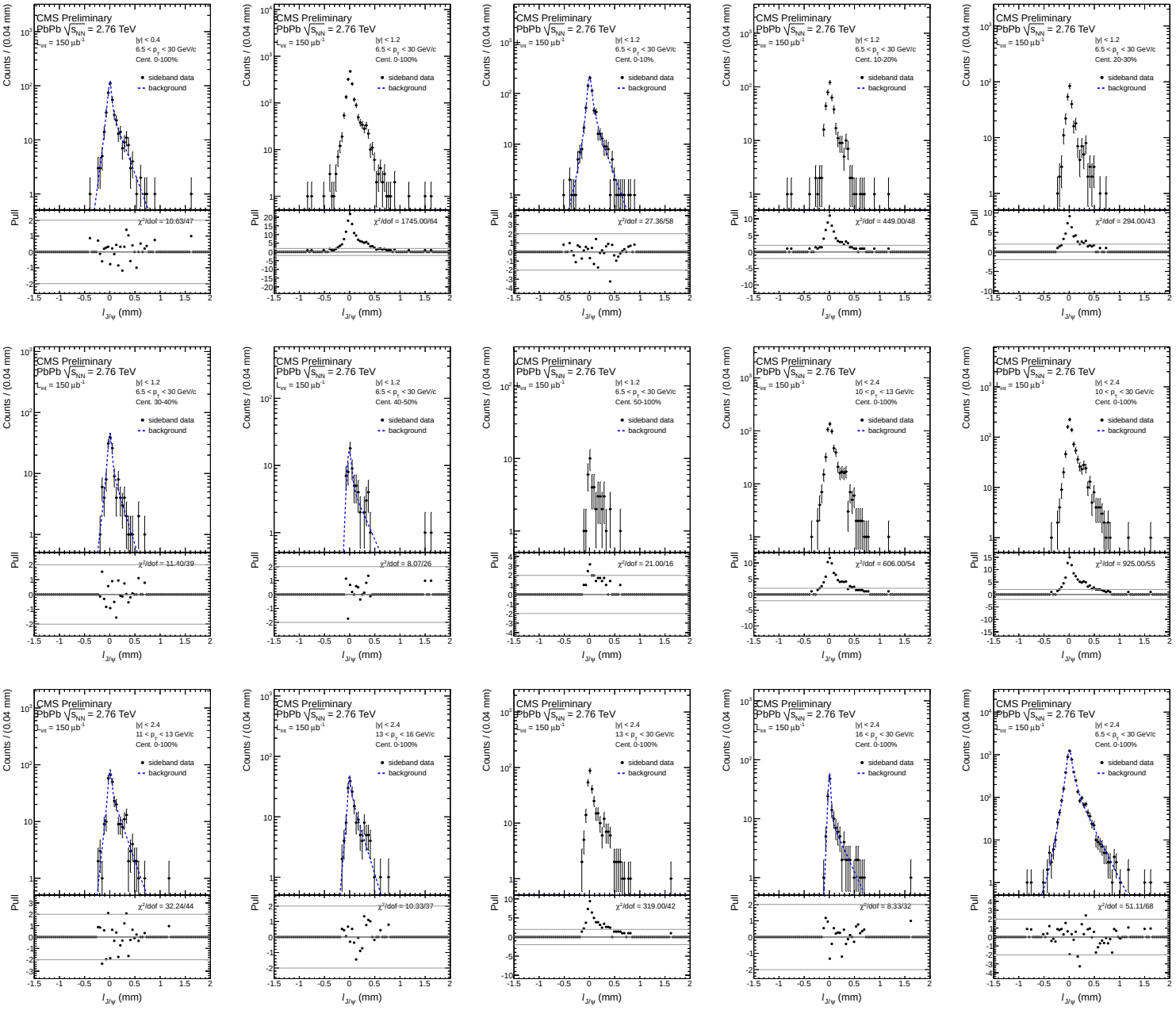
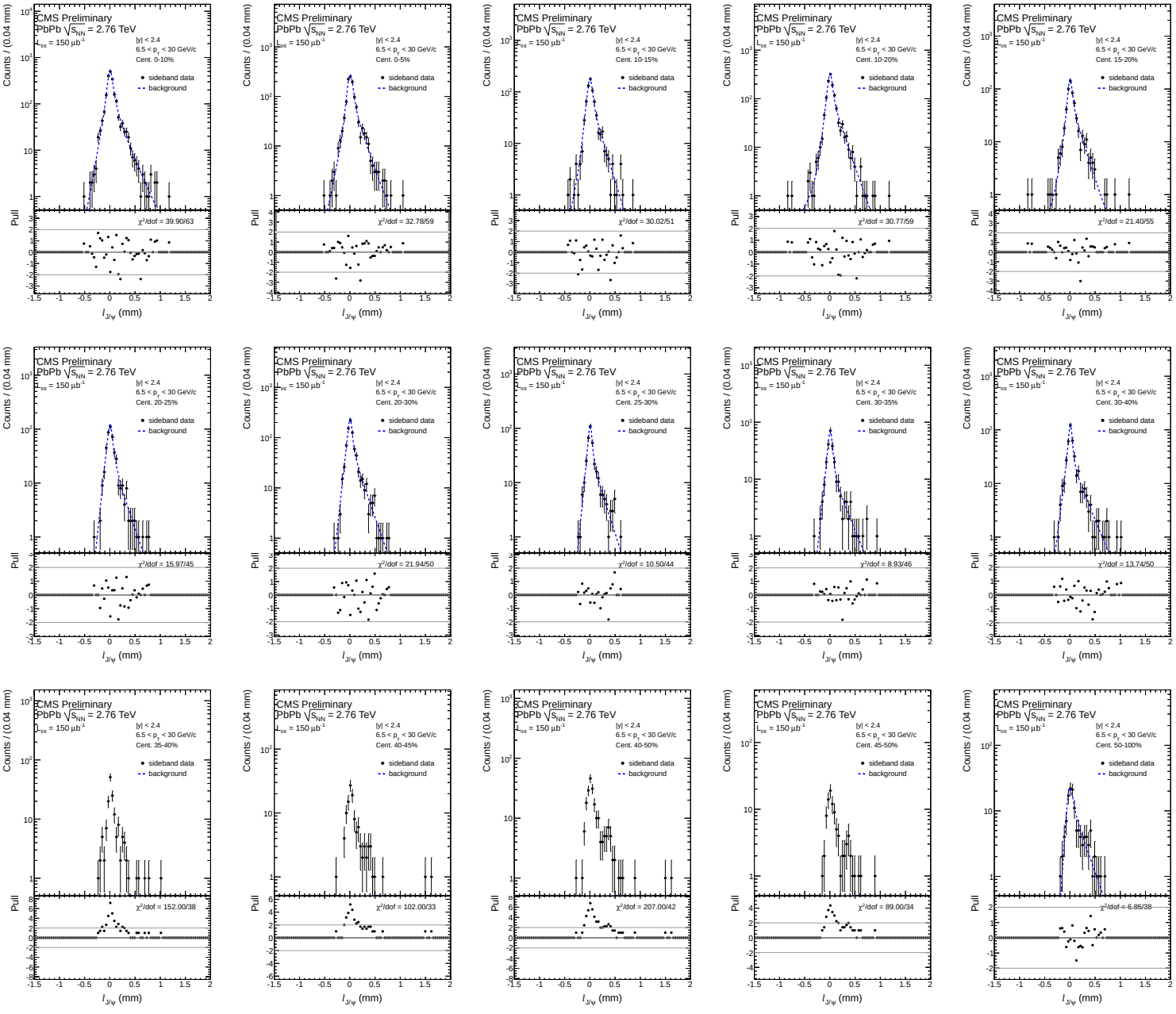
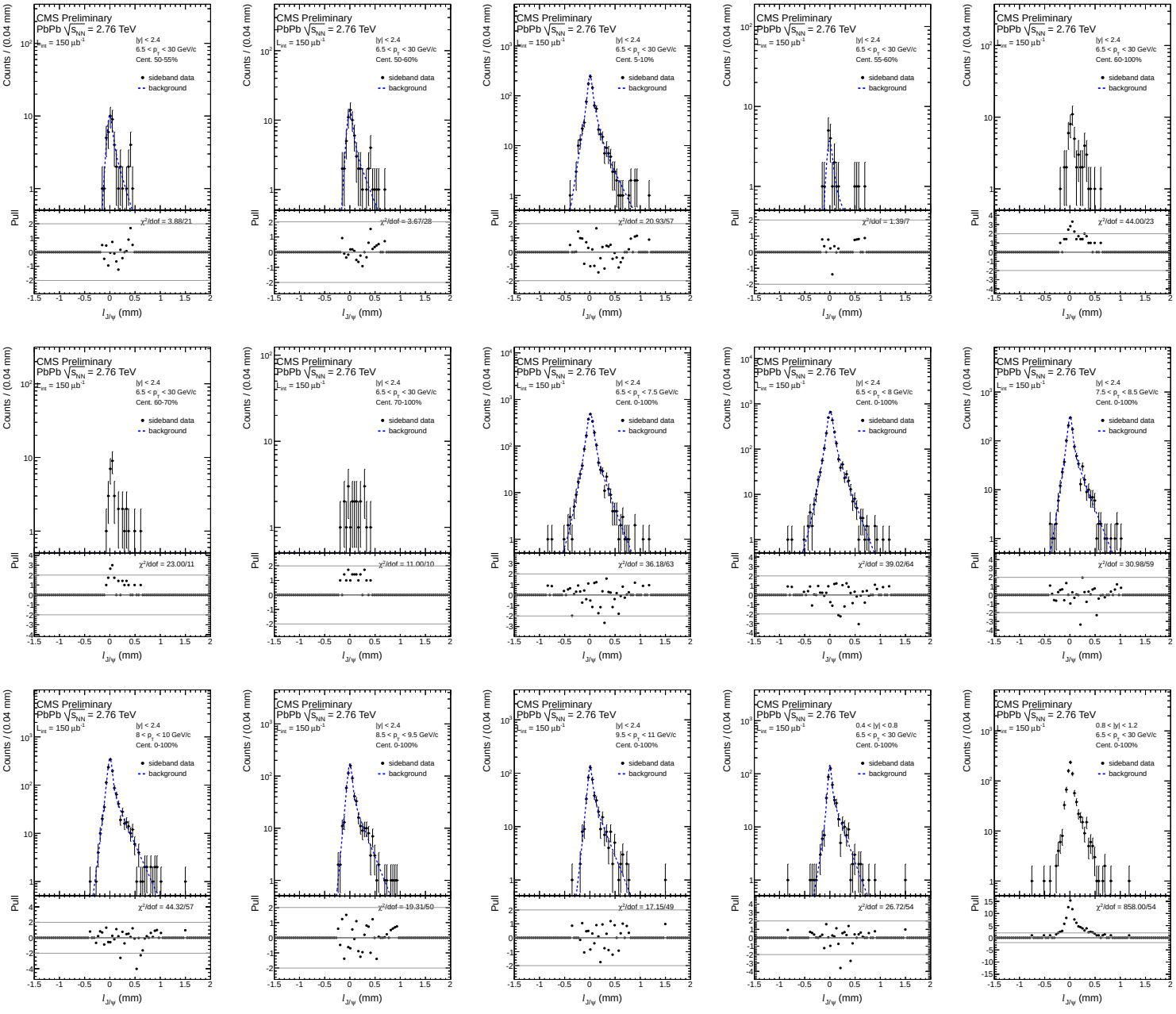
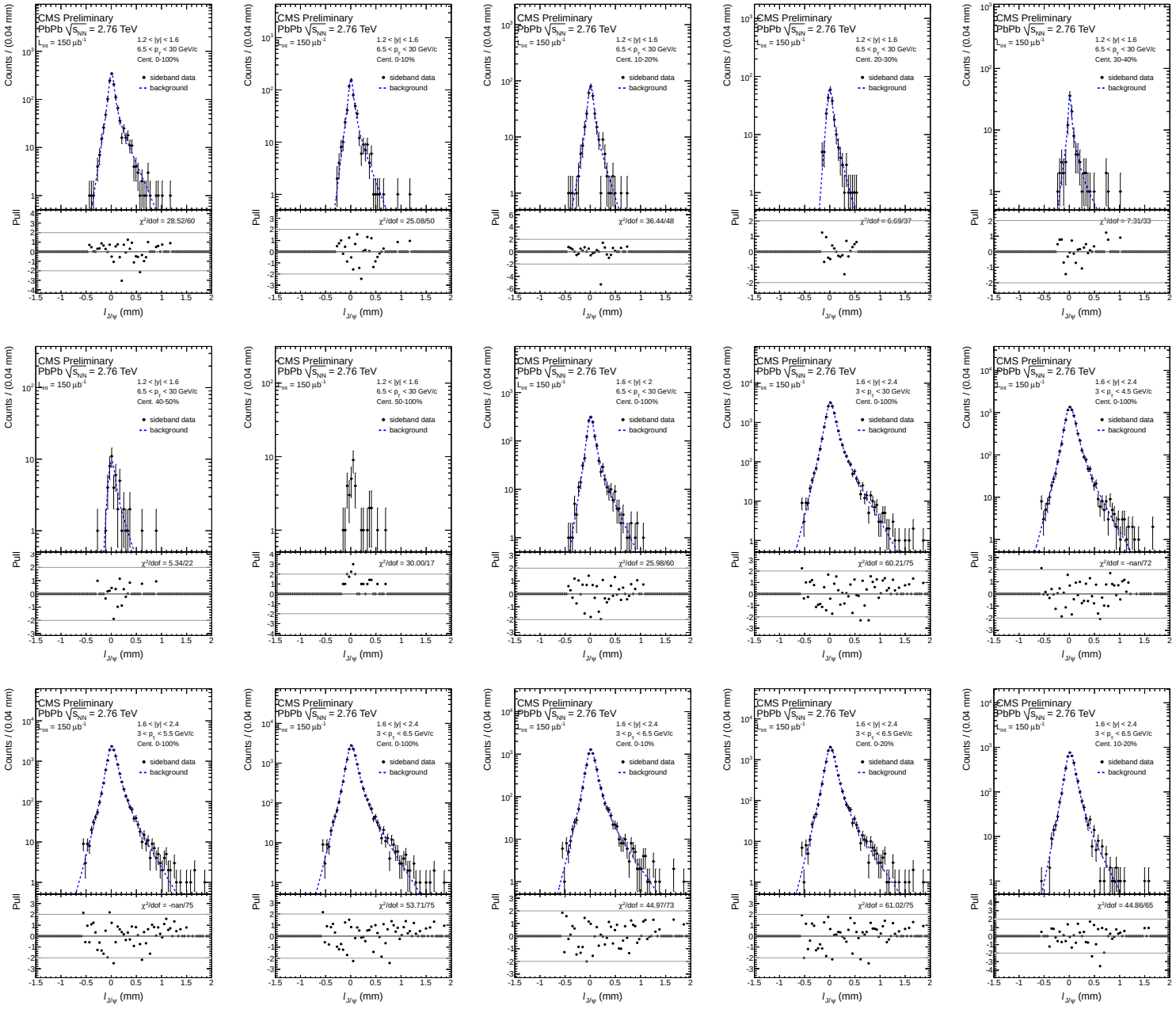
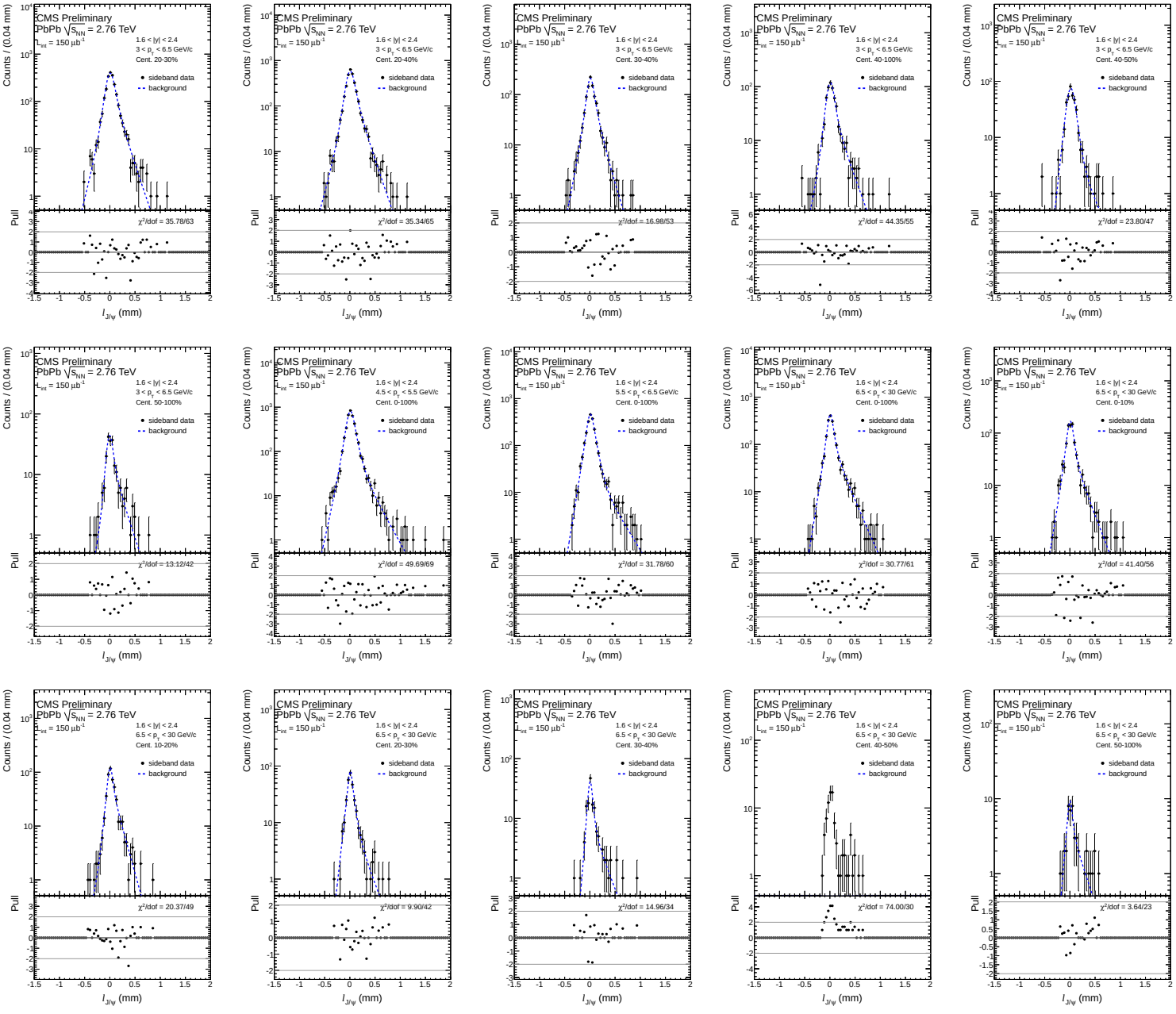
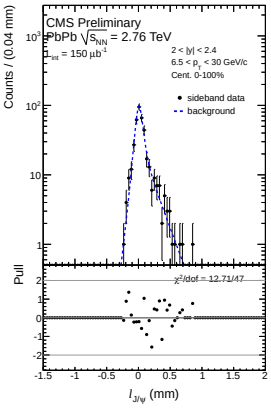

CMS Preliminary
PbPb √sNN = 2.76 TeV
Lint = 150 μb-1
|y| < 0.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
sideband data
background
χ2/dof = 10.63/47
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 1745.00/64
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 0-10%
χ2/dof = 27.36/58
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 10-20%
χ2/dof = 449.00/48
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 20-30%
χ2/dof = 294.00/43
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 30-40%
χ2/dof = 11.40/39
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 40-50%
χ2/dof = 8.07/26
|y| < 1.2
6.5 < pT < 30 GeV/c
Cent. 50-100%
χ2/dof = 21.00/16
|y| < 2.4
10 < pT < 13 GeV/c
Cent. 0-100%
χ2/dof = 606.00/54
|y| < 2.4
10 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 925.00/55
|y| < 2.4
11 < pT < 13 GeV/c
Cent. 0-100%
χ2/dof = 32.24/44
|y| < 2.4
13 < pT < 16 GeV/c
Cent. 0-100%
χ2/dof = 10.33/37
|y| < 2.4
13 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 319.00/42
|y| < 2.4
16 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 8.33/32
|y| < 2.4
6.5 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 51.11/68
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. 0-10%
Cent. 0-5%
Cent. 10-15%
Cent. 10-20%
Cent. 15-20%
Cent. 20-25%
Cent. 20-30%
Cent. 25-30%
Cent. 30-35%
Cent. 30-40%
Cent. 35-40%
Cent. 40-45%
Cent. 40-50%
Cent. 45-50%
Cent. 50-100%
sideband data
background
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)
χ^2/dof = 39.90/63
χ^2/dof = 32.78/59
χ^2/dof = 30.02/51
χ^2/dof = 30.77/59
χ^2/dof = 21.40/55
χ^2/dof = 15.97/45
χ^2/dof = 21.94/50
χ^2/dof = 10.50/44
χ^2/dof = 8.93/46
χ^2/dof = 13.74/50
χ^2/dof = 152.00/38
χ^2/dof = 102.00/33
χ^2/dof = 207.00/42
χ^2/dof = 89.00/34
χ^2/dof = 6.85/38


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 = 3.88/21
Cent. 50-60%
χ^2/dof = 3.67/28
Cent. 5-10%
χ^2/dof = 20.93/57
Cent. 55-60%
χ^2/dof = 1.39/7
Cent. 60-100%
χ^2/dof = 44.00/23
Cent. 60-70%
χ^2/dof = 23.00/11
Cent. 70-100%
χ^2/dof = 11.00/10
6.5 < p_T < 7.5 GeV/c
Cent. 0-100%
χ^2/dof = 36.18/63
6.5 < p_T < 8 GeV/c
χ^2/dof = 39.02/64
7.5 < p_T < 8.5 GeV/c
χ^2/dof = 30.98/59
8 < p_T < 10 GeV/c
χ^2/dof = 44.32/57
8.5 < p_T < 9.5 GeV/c
χ^2/dof = 19.31/50
9.5 < p_T < 11 GeV/c
χ^2/dof = 17.15/49
0.4 < |y| < 0.8
χ^2/dof = 26.72/54
0.8 < |y| < 1.2
χ^2/dof = 858.00/54
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (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%
χ2/dof = 28.52/60
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 0-10%
χ2/dof = 25.08/50
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 10-20%
χ2/dof = 36.44/48
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 20-30%
χ2/dof = 6.69/37
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 30-40%
χ2/dof = 7.31/33
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 40-50%
χ2/dof = 5.34/22
1.2 < |y| < 1.6
6.5 < pT < 30 GeV/c
Cent. 50-100%
χ2/dof = 30.00/17
1.6 < |y| < 2
6.5 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 25.98/60
1.6 < |y| < 2.4
3 < pT < 30 GeV/c
Cent. 0-100%
χ2/dof = 60.21/75
1.6 < |y| < 2.4
3 < pT < 4.5 GeV/c
Cent. 0-100%
χ2/dof = -nan/72
1.6 < |y| < 2.4
3 < pT < 5.5 GeV/c
Cent. 0-100%
χ2/dof = -nan/75
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-100%
χ2/dof = 53.71/75
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-10%
χ2/dof = 44.97/73
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 0-20%
χ2/dof = 61.02/75
1.6 < |y| < 2.4
3 < pT < 6.5 GeV/c
Cent. 10-20%
χ2/dof = 44.86/65
sideband data
background
Counts / (0.04 mm)
Pull
l J/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. 20-30%
sideband data
background
χ^2/dof = 35.78/63
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. 20-40%
sideband data
background
χ^2/dof = 35.34/65
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. 30-40%
sideband data
background
χ^2/dof = 16.98/53
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. 40-100%
sideband data
background
χ^2/dof = 44.35/55
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. 40-50%
sideband data
background
χ^2/dof = 23.80/47
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. 50-100%
sideband data
background
χ^2/dof = 13.12/42
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
4.5 < p_T < 5.5 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 49.69/69
CMS Preliminary
PbPb $\sqrt{s_{NN}}$ = 2.76 TeV
L_{int} = 150 μb^{-1}
1.6 < |y| < 2.4
5.5 < p_T < 6.5 GeV/c
Cent. 0-100%
sideband data
background
χ^2/dof = 31.78/60
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%
sideband data
background
χ^2/dof = 30.77/61
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. 0-10%
sideband data
background
χ^2/dof = 41.40/56
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. 10-20%
sideband data
background
χ^2/dof = 20.37/49
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. 20-30%
sideband data
background
χ^2/dof = 9.90/42
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. 30-40%
sideband data
background
χ^2/dof = 14.96/34
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. 40-50%
sideband data
background
χ^2/dof = 74.00/30
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. 50-100%
sideband data
background
χ^2/dof = 3.64/23
Counts / (0.04 mm)
Pull
$l_{J/\psi}$ (mm)


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 = 12.71/47
$l_{J/\psi}$ (mm)