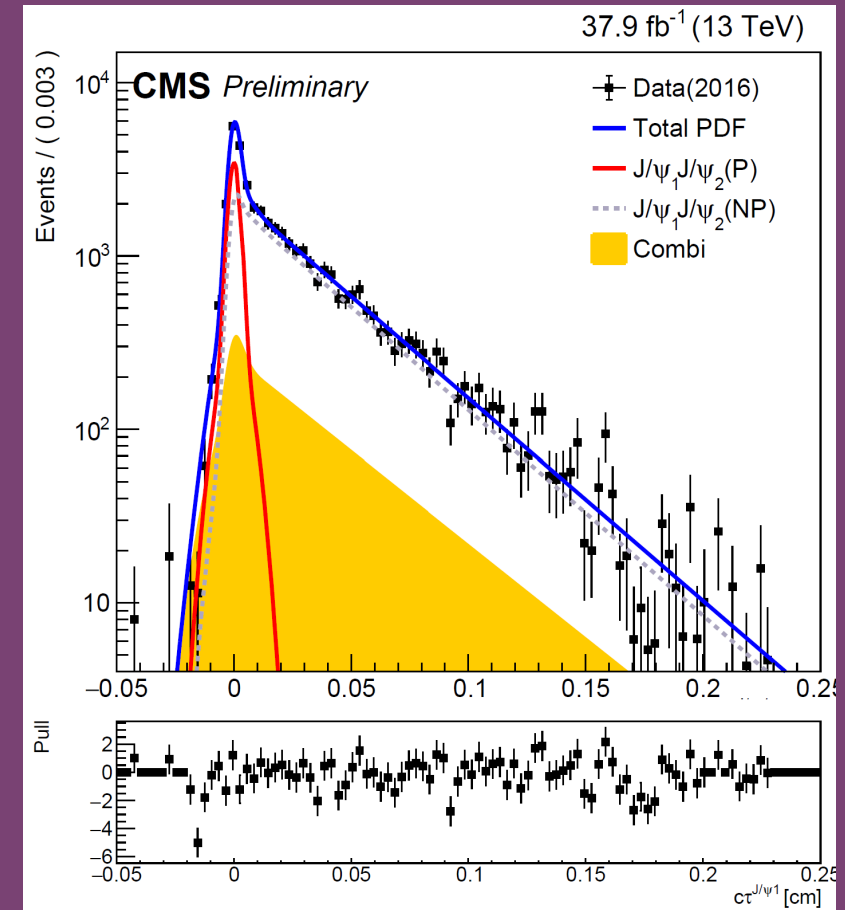
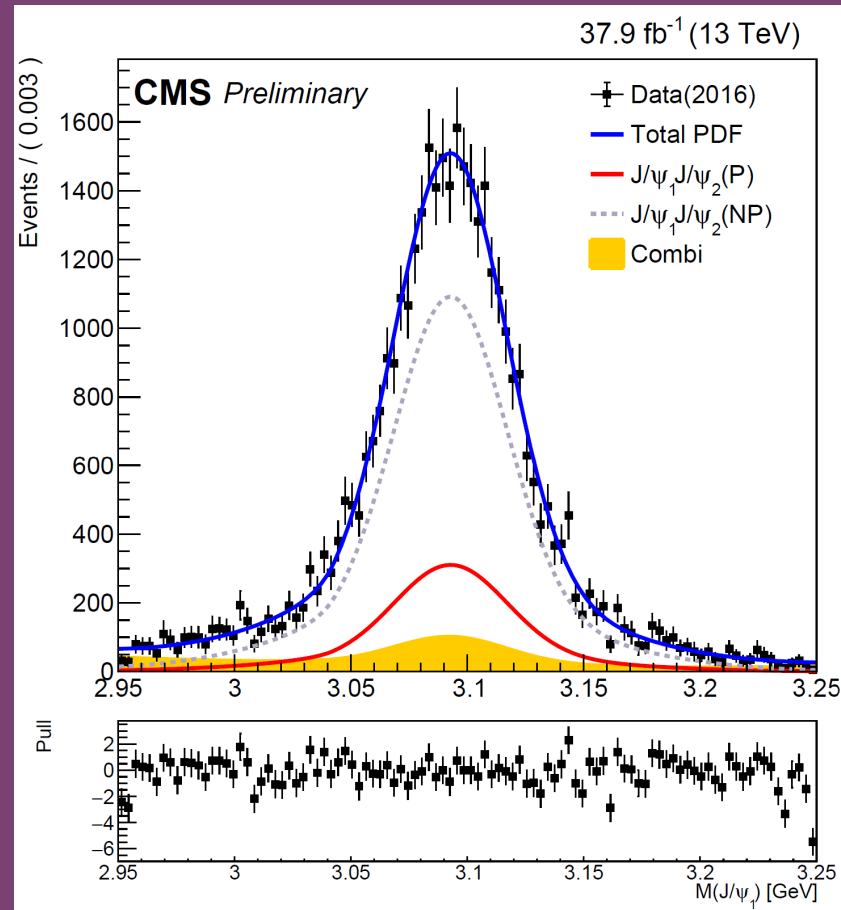




Plotting

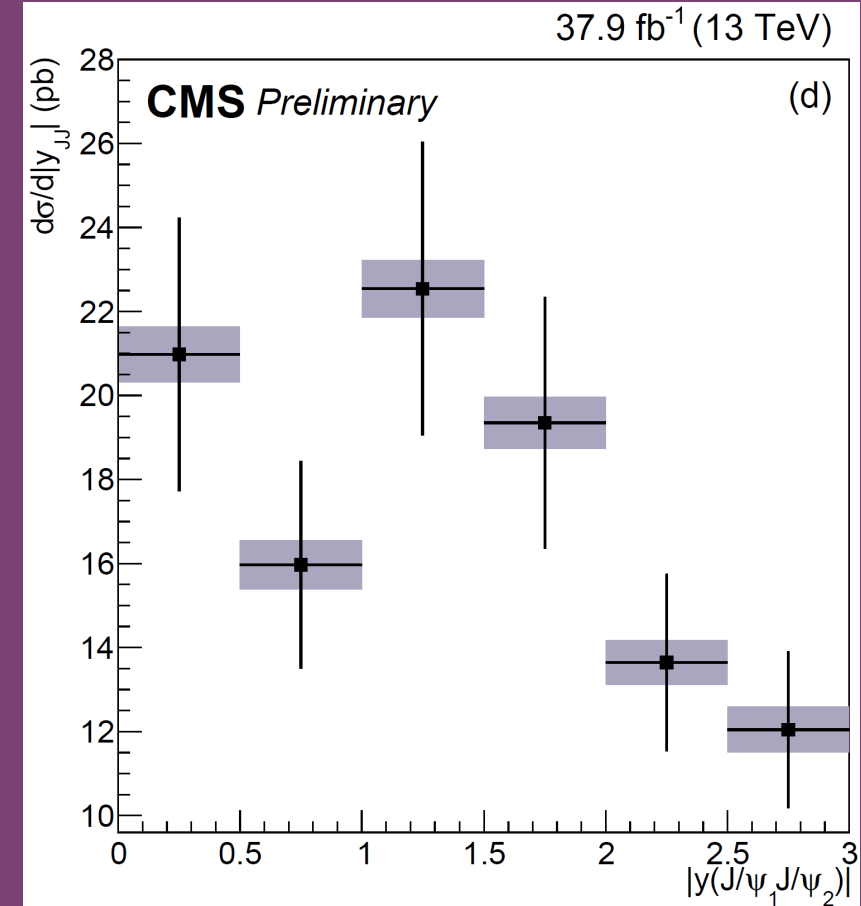
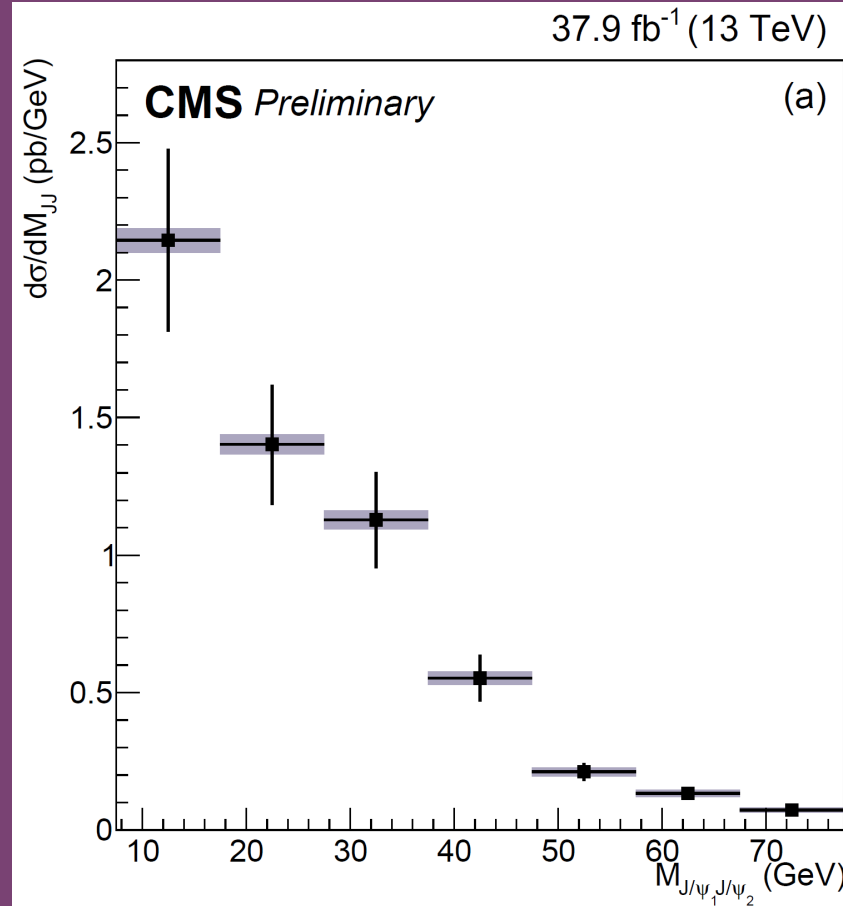
- 4D fit





Plotting

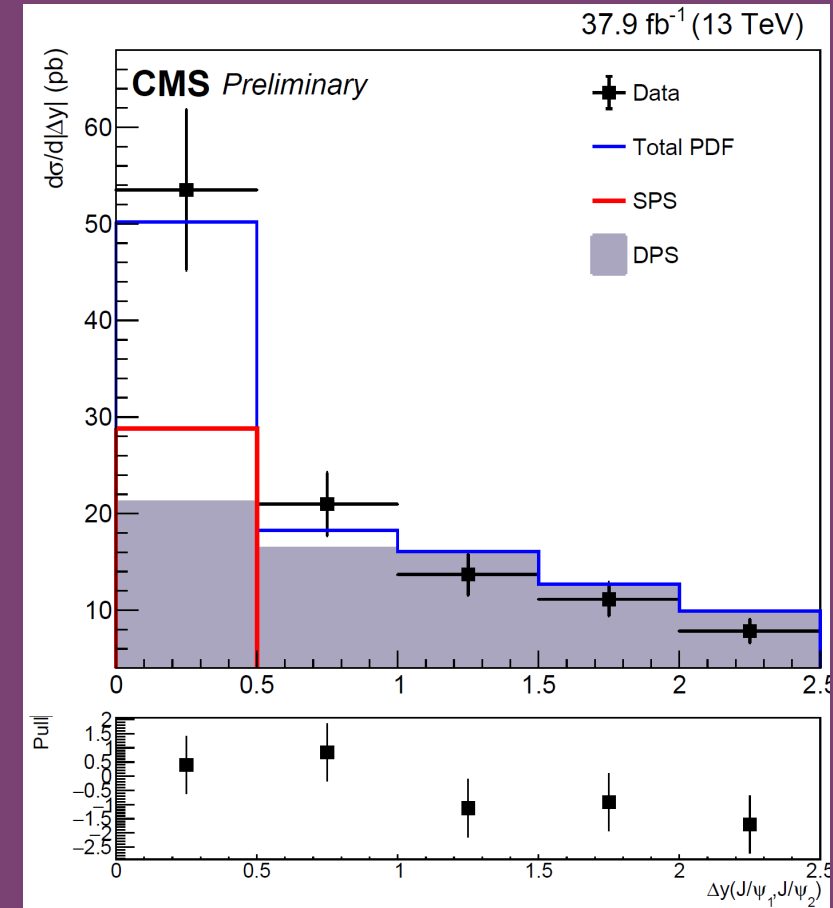
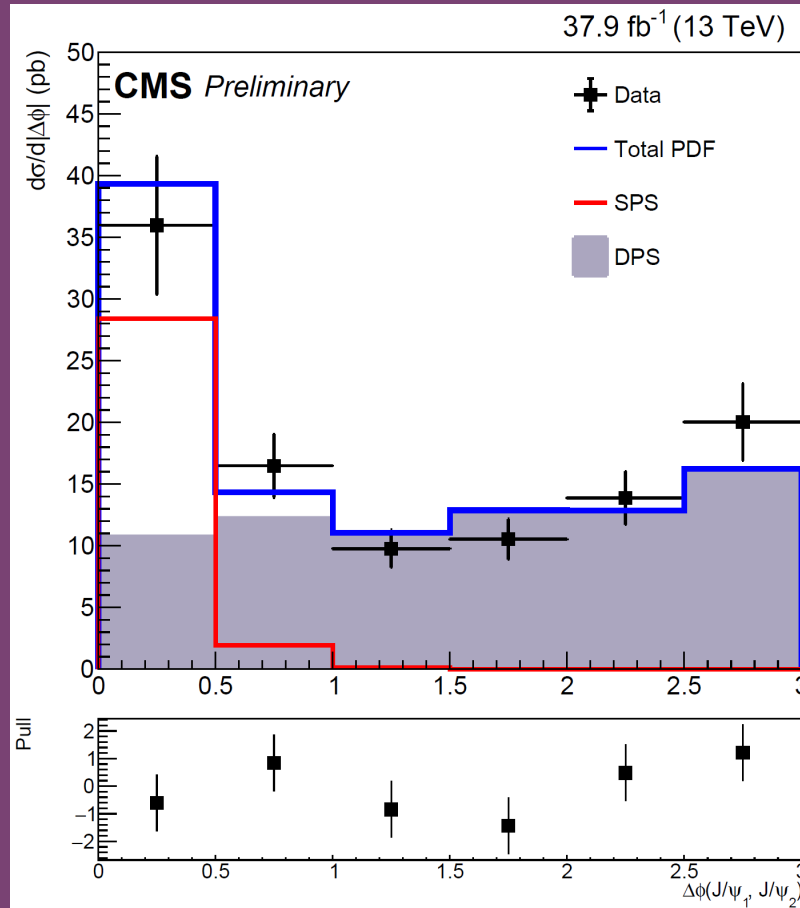
- Differential cross section





Plotting

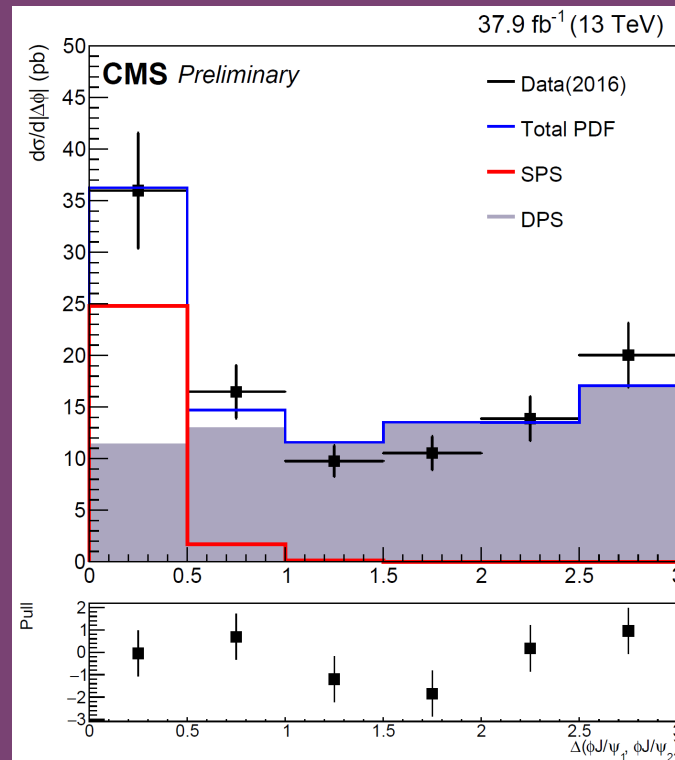
- Template fit





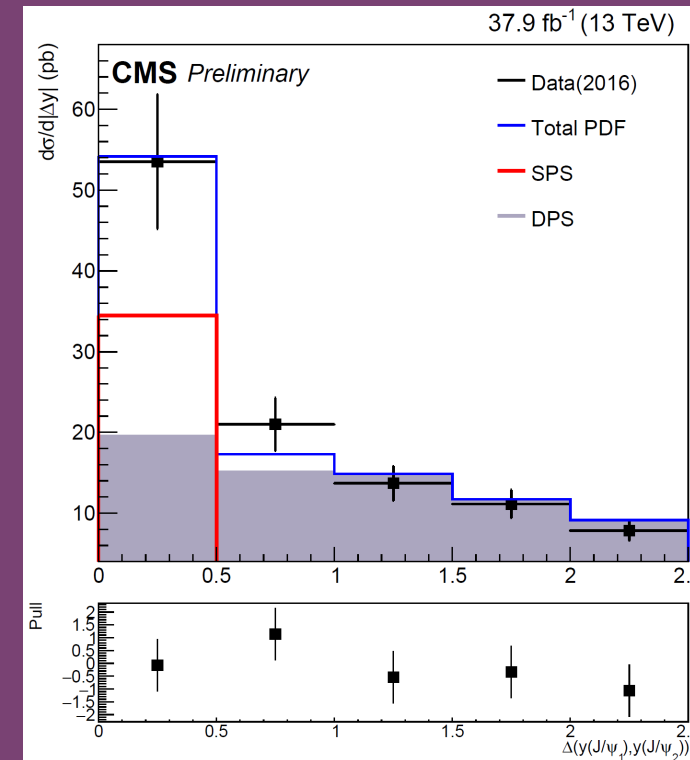
Simultaneous fit

- Fit the two dimensions separately



0.75 ± 0.06

$\Delta\phi$



0.67 ± 0.07

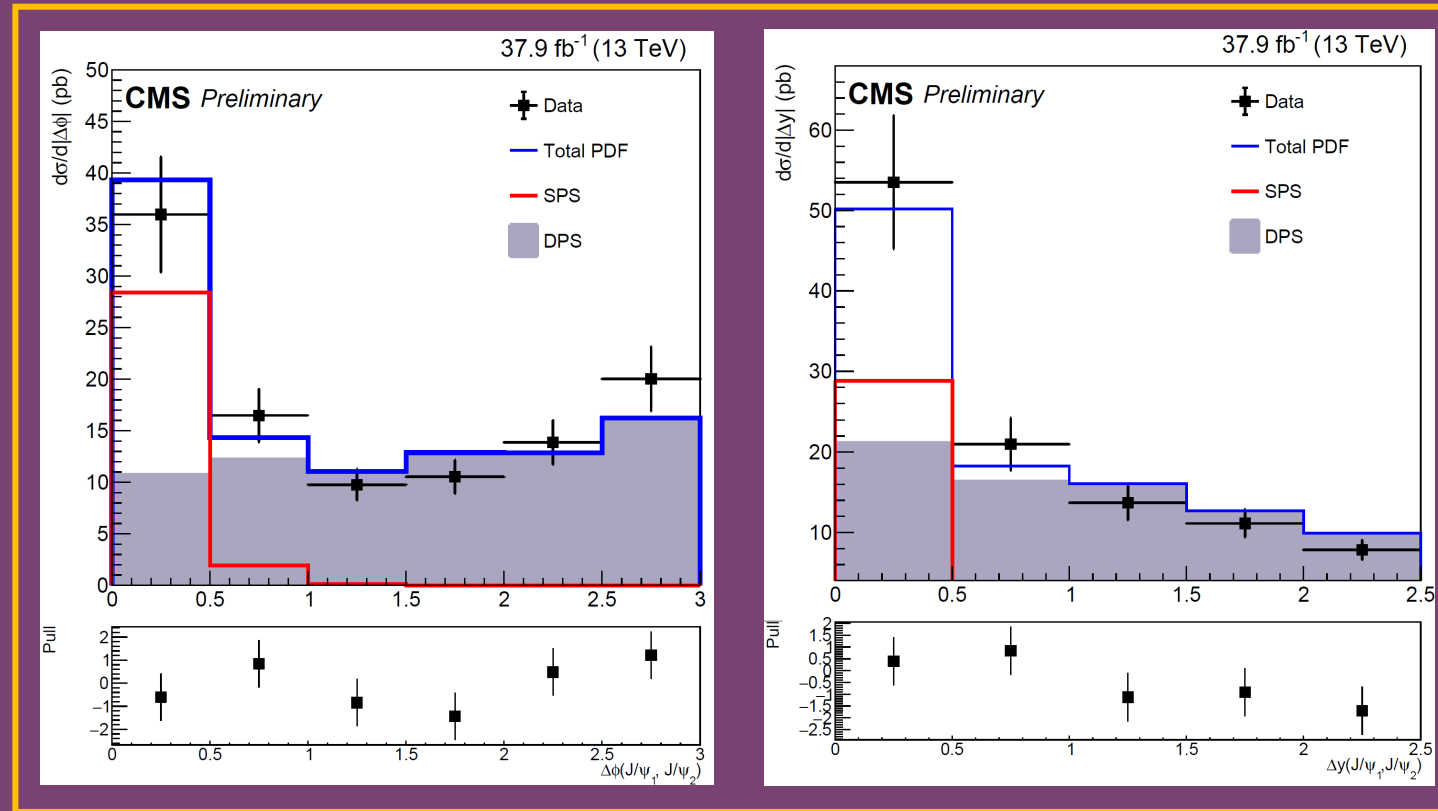
Δy



Simultaneous fit

- Fit the two dimensions **simultaneously**

$$0.71 \pm 0.05$$



$\Delta\phi$

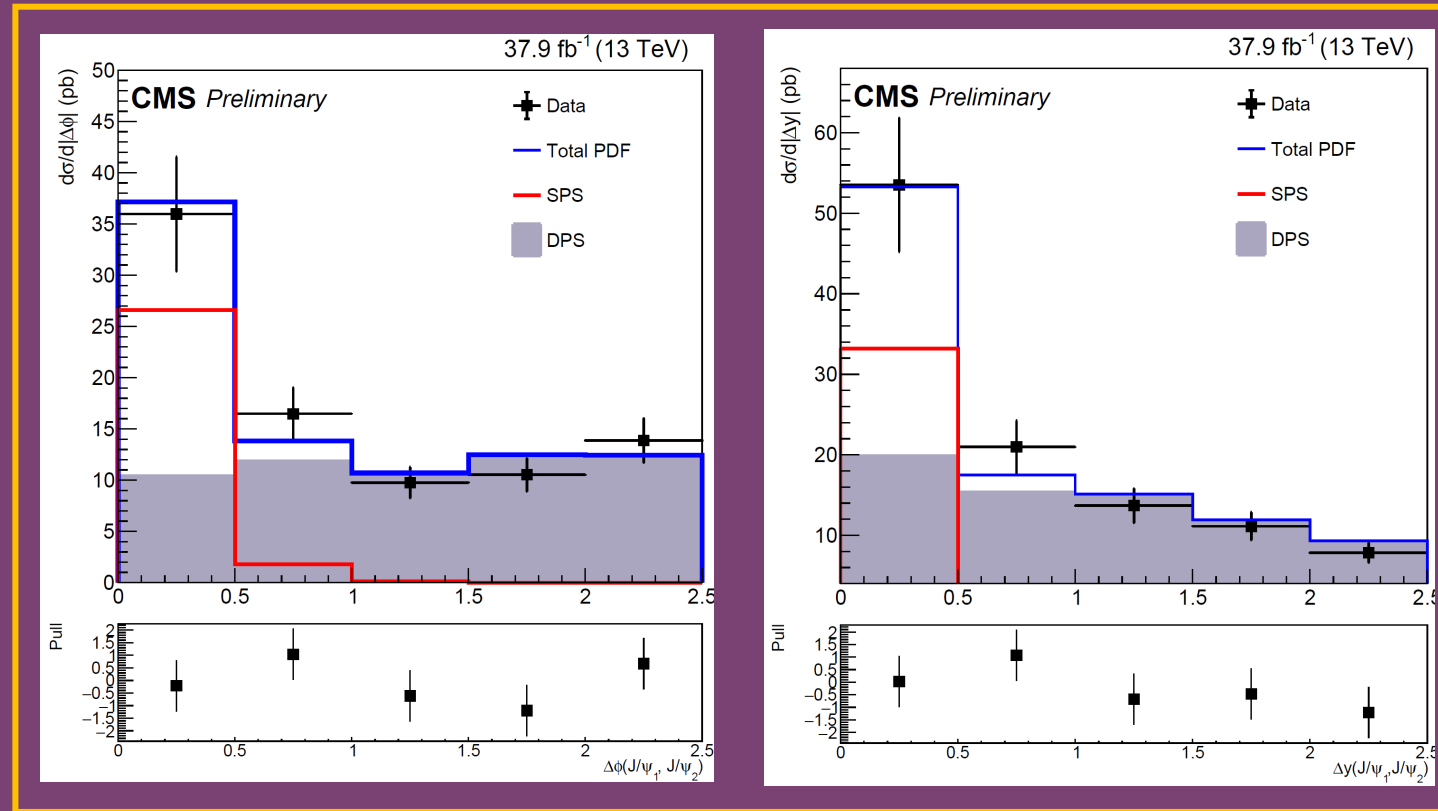
Δy



Simultaneous fit

- Fit the two dimensions **simultaneously** (exclude the last bin of $\Delta\phi$)

$$0.67 \pm 0.05$$



$\Delta\phi$

Δy



Summary of the template fit

~0.72 last bin of $\Delta\phi$ included / M

	Event mixing sample		Simulated samples		Simultaneous fit		
$\Delta\phi$	[1.0,2.5] 0.64 ± 0.11	[1.0,3.0] 0.75 ± 0.10	[0.0,2.5] 0.68 ± 0.07	[0.0,3.0] 0.75 ± 0.06	[0.0,3.0] 0.71 ± 0.05	[0.0,3.0] 0.71 ± 0.04	[0.0,2.5] 0.67 ± 0.05
Δy	[1.0,2.5] 0.66 ± 0.12		0.67 ± 0.07		0.71 ± 0.05		0.67 ± 0.05
$M_{J/\psi J/\psi}$	-		0.72 ± 0.23		-		-
$ y_{J/\psi J/\psi} $	-		0.52 ± 0.30		-		-

~0.65 last bin of $\Delta\phi$ excluded / Δy

f_{DPS}