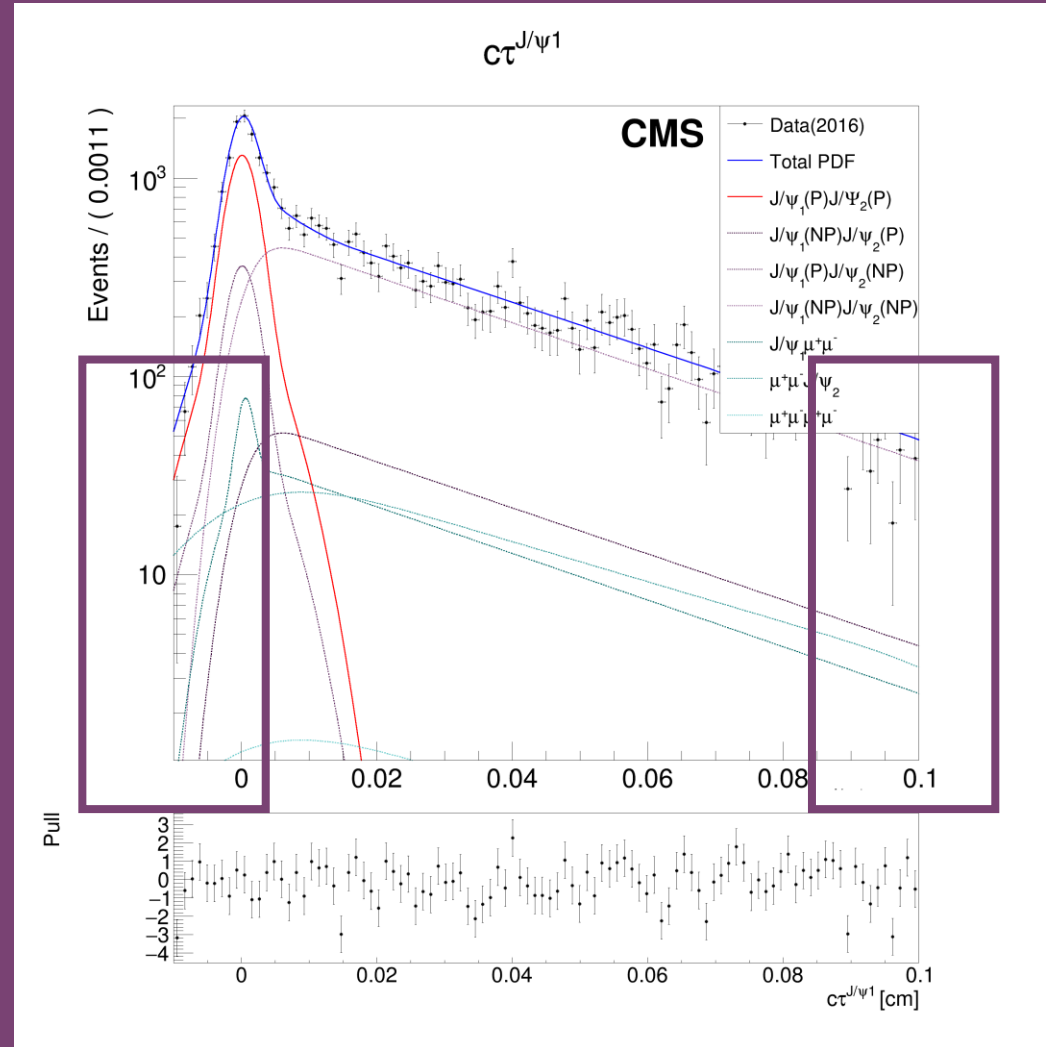




$c\tau$ range





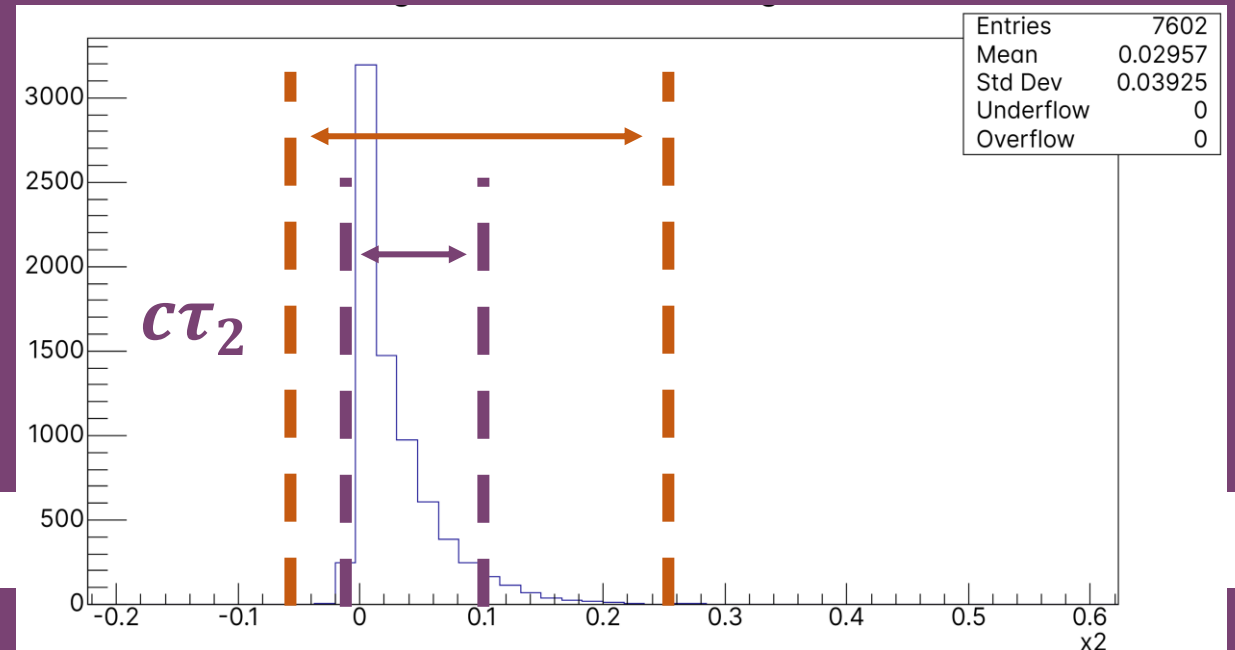
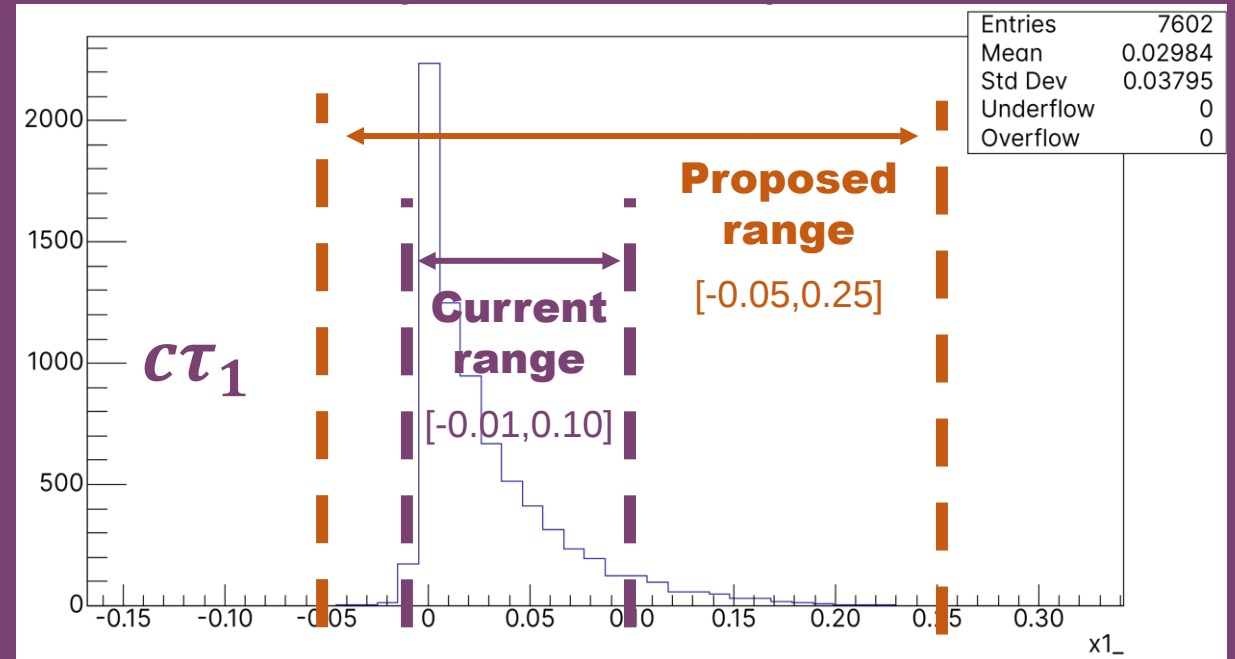
$c\tau$ range

$c\tau_1$: -0.168, -0.067, -0.048, -0.044 ...
0.280, 0.287, 0.298, 0.208, 0.332

$c\tau_2$: -0.224, -0.203, -0.096, -0.060...
0.326, 0.343, 0.384, 0.505, 0.606

Events in the proposed range: **7571**

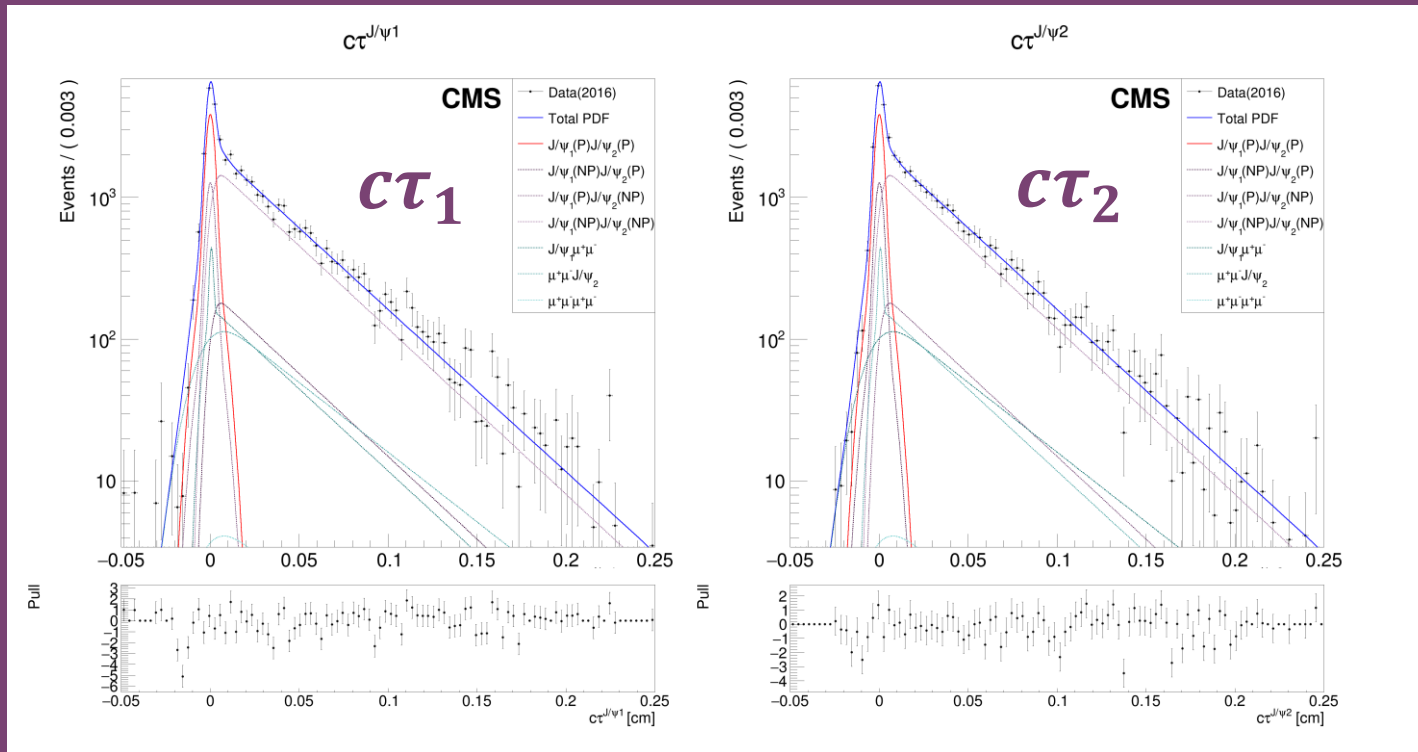
Compare to the full range: **7602**





$c\tau$ range

- Didn't modify the 1D pre-fit
 - The wide range greatly changed the fit of prompt sample
- Result:



Component		old	new
J/ψ_1 J/ψ_2	P+P	8130	8146
	P+NP	2544	2693
	NP+P		
	NP+NP	19689	21399
$J/\psi_1\mu^+\mu^-$		2150	2547
$\mu^+\mu^-J/\psi_2$			
$\mu^+\mu^-\mu^+\mu^-$		41	93