

Bin	0-match			1-match			2-match		
	$\Delta\phi_{\mu\mu}^{\text{miss}}$ [rad]	min- d_{xy} [cm]	Events	$I_{\text{PF}}^{\text{rel}}$	min- d_{xy} [cm]	Events	$I_{\text{PF}}^{\text{rel}}$	min- d_{xy} [cm]	Events
Obs. A	0–0.25	3–15	68	>0.25	0.02–0.75	716	>0.25	0.02–0.15	424
Obs. B	0.25–0.50	3–15	9	<0.25	0.02–0.75	33	<0.25	0.02–0.15	22
Obs. C	0–0.25	>15	9	>0.25	>0.75	12	>0.25	>0.15	10
Obs. D	0.25–0.50	>15	2	<0.25	>0.75	0	<0.25	>0.15	0
Pred. D			1.2 ± 0.6			0.5 ± 0.2			0.5 ± 0.2