

Preselection	$L_{xy} < 0.2 \text{ cm}, \eta^\mu < 1.9, \text{ Opposite sign}$			
Signal selection	Inclusive		high- p_T	
Mass	$m_{\mu\mu} < 4 \text{ GeV}$	$m_{\mu\mu} > 4 \text{ GeV}$	$m_{\mu\mu} < 4 \text{ GeV}$	$m_{\mu\mu} > 4 \text{ GeV}$
p_T^μ		$> 4 \text{ GeV}$	$> 5 \text{ GeV}$	
Muon	J/ ψ ID	Υ ID	J/ ψ ID	J/ ψ ID
Vertex	$L_{xy}/\sigma_{L_{xy}} < 3.5$	$L_{xy} < 0.015 \text{ cm}$	$L_{xy}/\sigma_{L_{xy}} < 3.5$	$L_{xy}/\sigma_{L_{xy}} < 3.5$
$p_T^{\mu\mu}$	—	—	$> 35 \text{ GeV}$	$> 20 \text{ GeV}$