

Source	$Z \rightarrow J/\psi\gamma$ channel		$H \rightarrow J/\psi\gamma$ channel	
	Signal	Resonant background	Signal	Resonant background
Integrated luminosity			2.5%	
Theoretical uncertainties				
Signal cross section (scale)	3.5%	5.0%	+4.6% -6.7%	
Signal cross section (PDF)	1.7%	5.0%	3.2%	
Branching fraction	—	5.0%	—	6.0%
Detector simulation, reconstruction				
Pileup weight	0.8%	1.8%	0.7%	1.6%
Trigger	4.0%	4.0%	3.9%	4.0%
Muon ident./Isolation	3.0%	3.4%	2.0%	2.5%
Photon identification	1.1%	1.1%	1.2%	1.2%
Electron veto	1.1%	1.1%	1.0%	1.0%
Signal model				
$m_{\mu\mu\gamma}$ scale	0.06%	—	0.1%	—
$m_{\mu\mu\gamma}$ resolution	1.0%	—	4.8%	—