

Source	The Z boson decay		The Higgs boson decay	
	Signal	Peaking Background	Signal	Peaking Background
<b>Integrated luminosity</b>			2.5%	
<b>Theoretical uncertainties</b>				
Z(Higgs) cross section (scale)	3.5%	5.0%		+4.6% -6.7%
Z(Higgs) cross section (PDF+ $\alpha_s$ )	1.7%	5.0%		3.2%
Branching ratio	-	5.0%	-	6.0%
<b>Detector simulation, reconstruction</b>				
Pileup weight	0.8%	1.8%	0.7%	1.6%
Trigger	4.0%	4.0%	3.9%	4.0%
Muon ID/Isolation	3.0%	3.4%	2.0%	2.5%
Photon ID	1.1%	1.1%	1.2%	1.2%
Electron veto	1.1%	1.1%	1.0%	1.0%
<b>Signal model</b>				
$m_{\mu\mu\gamma}$ scale	0.06%	-	0.1%	-
$m_{\mu\mu\gamma}$ resolution	1.0%	-	4.8%	-