

Event Class	Expected SM-like Higgs boson signal $m_H = 90 \text{ GeV}, \sqrt{s} = 8 \text{ TeV}$							Bkg (GeV^{-1})	
	Total	ggH	VBF	WH	ZH	ttH	σ_{eff}		σ_{HM}
0	64.0	68.9 %	15.0 %	8.8 %	4.8 %	2.5 %	0.94	0.78	262.8
1	99.5	87.5 %	5.2 %	4.3 %	2.3 %	0.7 %	1.20	0.96	922.6
2	121.1	89.9 %	3.9 %	3.7 %	2.0 %	0.5 %	1.61	1.26	1844.4
3	88.9	92.2 %	2.8 %	3.1 %	1.6 %	0.3 %	2.11	1.68	3098.6
Total	373.5	86.2 %	5.9 %	4.6 %	2.5 %	0.8 %	1.47	1.05	6128.4