

# H->bb Note: Exclusion Limits



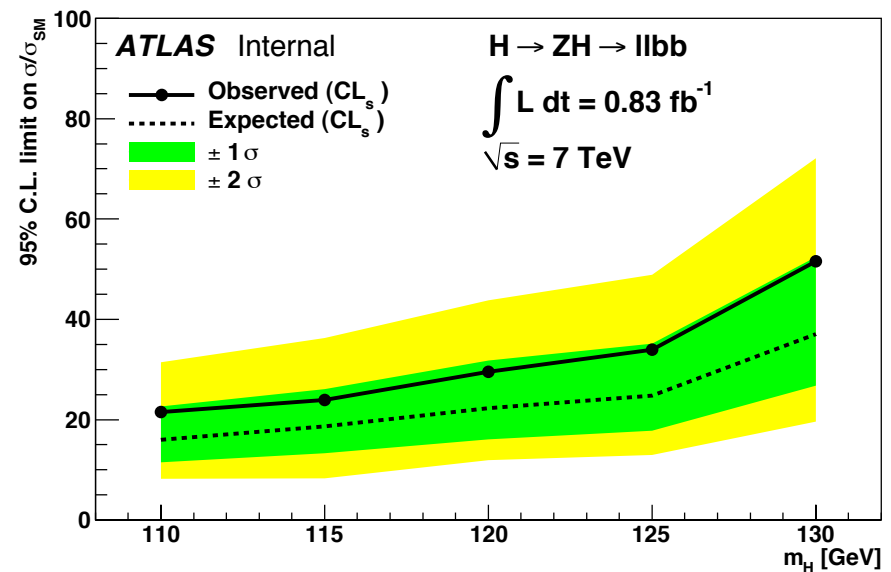
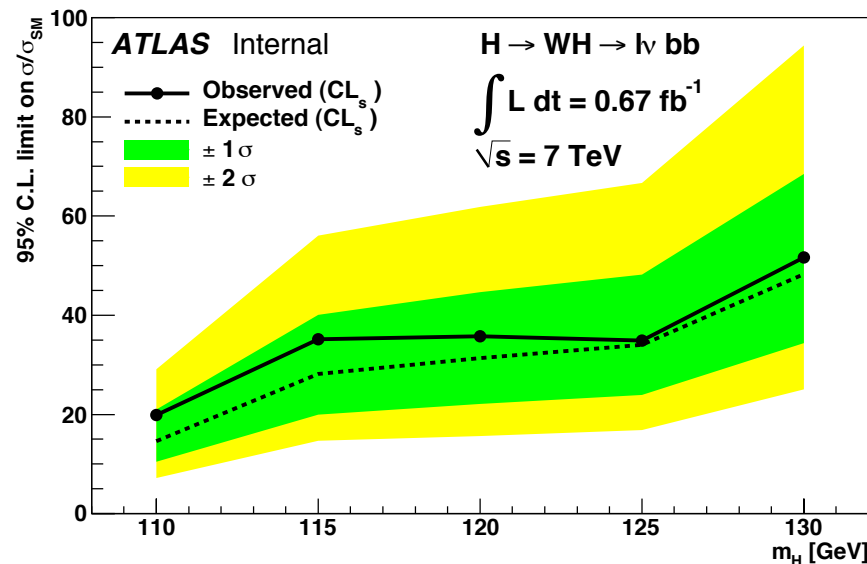
Ricardo Gonalo (RHUL)


HSG5 H->bb WH/ZH note meeting with Editorial Board, 7 July 2011

# MCLimit

- Looks much better after fitting top sideband

WH mH (GeV)	Expected (before)	Expected (after)	Observed (before)	Observed (after)
115	35.7	28.2	39.1	35.1
120	39.8	31.4	41.4	35.8
125	44.2	34.0	43.2	34.9
130	64.1	48.3	63.8	51.6





WH mH (GeV)	MCLimit Expected	Roostats Expected	MCLimit Observed	Roostats Observed
115	28.2	27.3	35.1	27.1
120	31.4	30.6	35.8	31.6
125	34.0	32.3	34.9	27.8
130	48.3	45.2	51.6	38.2

