

	Significance (σ) at 2000 fb ⁻¹		Significance (σ) at 3000 fb ⁻¹	
	S2	Stat. only	S2	Stat. only
$b\bar{b}b\bar{b}$ resolved jets	1.0	1.3	1.4	1.6
$b\bar{b}b\bar{b}$ merged jets	1.7	1.7	2.0	2.1
$b\bar{b}\tau\tau$	1.7	1.9	2.1	2.3
$b\bar{b}WW$	0.6	0.8	0.7	0.9
$b\bar{b}\gamma\gamma$	1.8	1.9	2.2	2.3
Combination	3.2	3.6	3.8	4.3