CDF Run II Preliminary (4 fb^{-1})

Expected number of background events which pass the trigger, event selection and have two b-tags (SecVtx-SecVtx [SS] or SecVtx-SetProbJ [SJ]).

Signal regions	VH (WH+ZH)		VBF	
Backgrounds	SS	SJ	SS	SJ
$t\bar{t}$	281.7	115.3	177.3	75.7
single-top	44.1	17.7	17.2	10.0
$W + bb/cc$	27.9	12.0	4.8	3.3
$Z(bb, cc)$+jets	127.5	55.4	135.0	62.9
Diboson	11.4	8.5	5.3	3.8
Data	16857	9341	17776	9518