

Weekly meeting

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MC Samples Status

lephad	NLO signal MC	LO signal MC	Continuum BKG
Status	Studying	-	Done

LO signal MC cancelled

Continuum BKG MC ready for AOD, will derivate to DAOD

SM Higgs BKG

Process	ϵ	Xsec [pb]	Events	Run1 Result
ttH	0.00922	0.5085	0.035	0.08
ggH	0.000732	43.92	0.23	negligible
VBF	0.00190	3.748	0.064	negligible
WH	0.00843	1.380	0.10	0.14
ZH	0.00677	0.8696	0.053	0.025

Are events yield reasonable for the processes of ggH and VBF?
Will add the continuum BKG yield once the DAOD is produced