



MC request qqH

Higgs decay to WW^* in HZ at 500 GeV

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Motivation

- Analysis of fully hadronic Higgs decay to WW^* in HZ
 - HZ @500GeV $\sigma(e^+e^- \rightarrow HZ) \sim 70$ fb
 - $H \rightarrow WW \rightarrow qqqq$
 - $BF(H \rightarrow WW) \sim 23\%$
 - $BF(WW \rightarrow qqqq) \sim 45\%$
 - $\Rightarrow \sim 10\%$ of Higgs decays

 - Current sample: process ID 106525
eLpR #114 kEvs \Rightarrow 10 kEvs
- Production:
- A sample of 30 kEvt $H \rightarrow WW \rightarrow qqqq \Rightarrow \sim 300$ kEvs of qqH