

$h \rightarrow \tau^+ \tau^-$ BR Study Status

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Numbers reported at JPS meeting (preliminary numbers)

$\frac{\Delta(\sigma \times \text{BR})}{(\sigma \times \text{BR})}$	$q\bar{q}h$	e^+e^-h	$\mu^+\mu^-h$	$\nu\bar{\nu}h$	Combined
250 GeV, 250 fb ⁻¹	3.4%	14.4%	11.3%	32.4%	3.2%
500 GeV, 500 fb ⁻¹	4.6%	25.2%	17.8%	6.9%	3.7%

Combined results: 2.4% (preliminary)
(250 GeV, 250 fb⁻¹ + 500 GeV, 500 fb⁻¹)

still working on...

- check
- separation in $\nu\bar{\nu}h$ 500 GeV
- separation and re-opt. in e^+e^-h 500 GeV
- LCWS14 proceedings (I will submit soon to arXiv.)