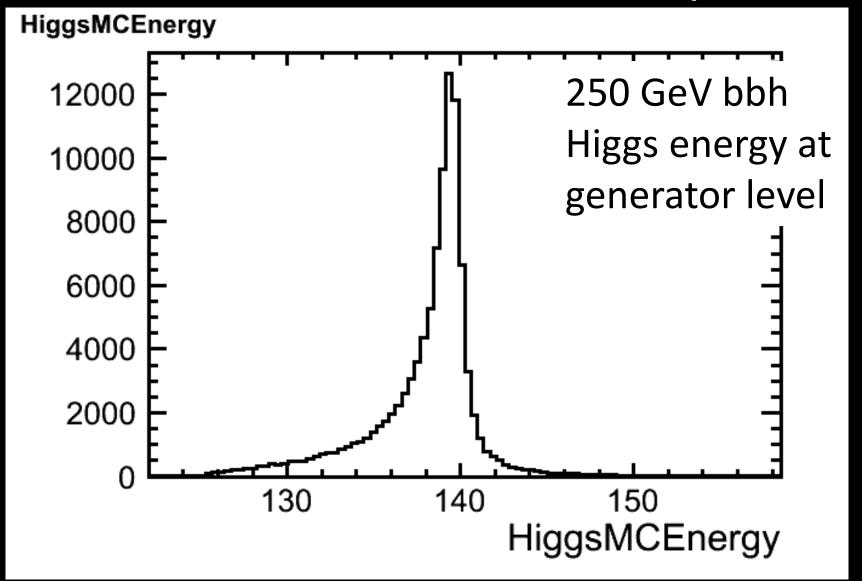
$h \rightarrow \tau^+ \tau^-$ BR Study Status

Shin-ichi Kawada Hiroshima University

Status

- I talked at JPS meeting @ Saga
- Check the new sample for ISR/BS
- Try to analyze with new sample

ISR/BS check of new sample



Current results

250 GeV 250 fb ⁻¹	qqh	ννh	e^+e^-h	$\mu^+\mu^-h$
$\frac{\Delta(\sigma \times BR)}{(\sigma \times BR)}$	3.7%	46.0%	16.1%	14.7%

preliminary TMVA result w/ new MC

cut-based only w/ TDR MC extrapolation results from M_h = 120 GeV

w/TDR MC

500 GeV 500 fb ⁻¹	qqh	ννh	e^+e^-h	$\mu^+\mu^-h$
$\frac{\Delta(\sigma \times BR)}{(\sigma \times BR)}$	4.7%	6.8%	31.2%	17.6%

Plans

- Analysis with new samples, and update all numbers for all modes
- Start at 250 GeV... <--- now working on...