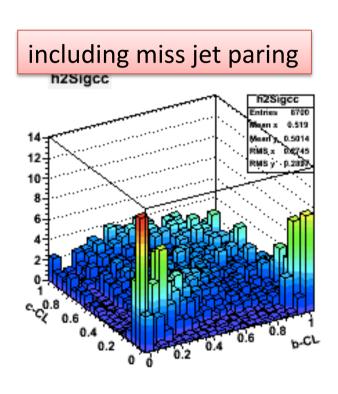
ZH branching ratio study

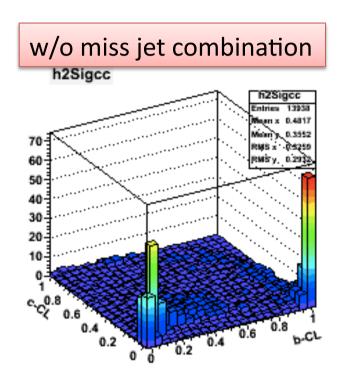
ILC physics and software meeting
July 30. 2010
H. Ono (NDU)

Current status

- 250GeV analysis are still in progress...
 - Check template samples without miss combination data
 - H→WW/gg branch study start
- Discuss the 350GeV analysis with Miyamoto-san in KEK
 - Slow data transfer reason is understood as KEK grid HPSS system (tape library took few minutes to load files)
 - Some files are failed to reconstruct (~kB size data)
 - Confirm several variables to be compared
 - flavor tagging, mass distribution, jets angles, reduction efficiency
- New beam parameters are shown at AD&I meeting
 - 350GeV luminosity is recovered?

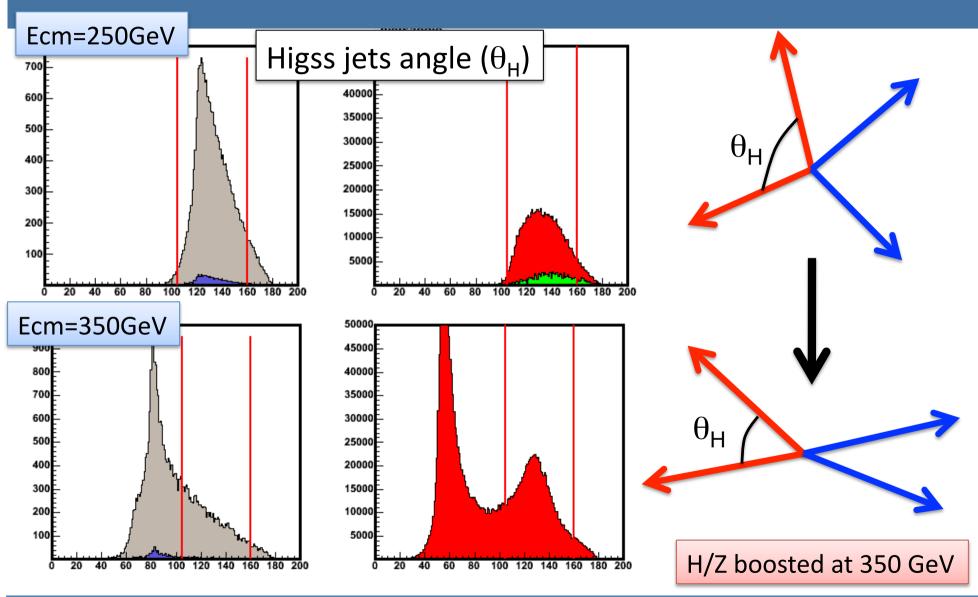
C.L. template samples w/o miss paring



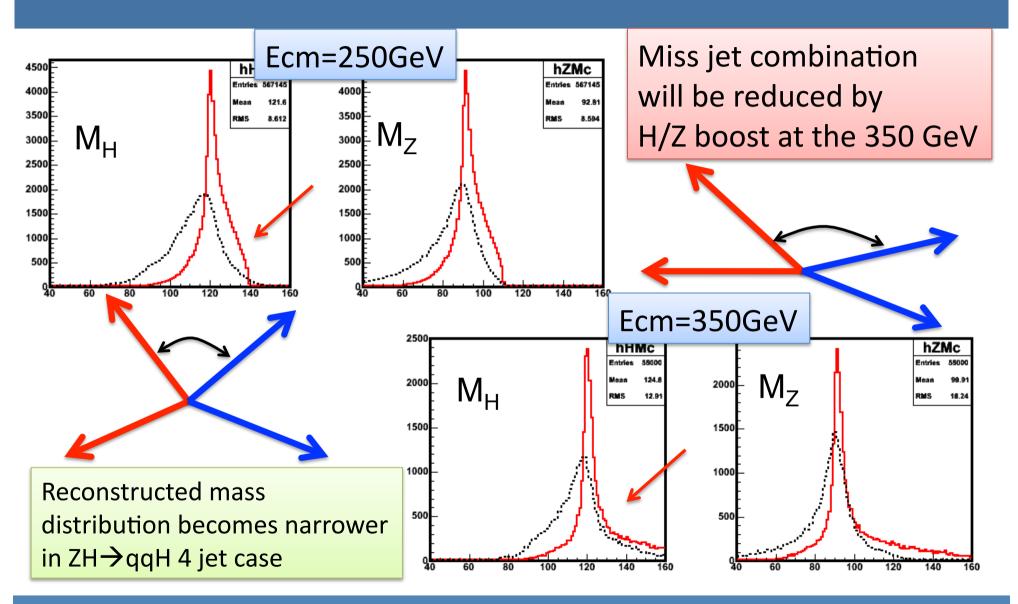


These are not caused by miss jet combination. Find another reason of these peaks even using CL template sample

Higgs jets angle comparison 250/350 GeV



Higgs mass distribution (red: fitted)



Flavor likeness purity and efficiency

 Purity and efficiency of the flavor tagging should be compared between 250GeV and 350GeV.

On-going...