

# TTH Full Simulation Study Report Ryo Yonamine ( 2011. 10. 14 )

## Status

Still need some work for the parameter optimization to find isolated lepton  
--> After production of tth , ttZ ?

Prepared a processor to reconstruct mass from the jets removed isolated lepton.  
--> Now preparation almost finished (Need to understand the results)

I'm planning to compare some results with fast simulation results.

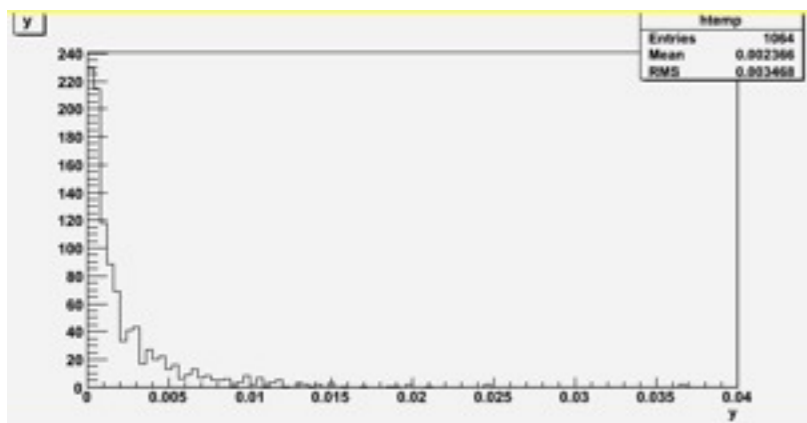
## TO DO

Event generation ( ttH, ttZ ) ( Start from discussion)

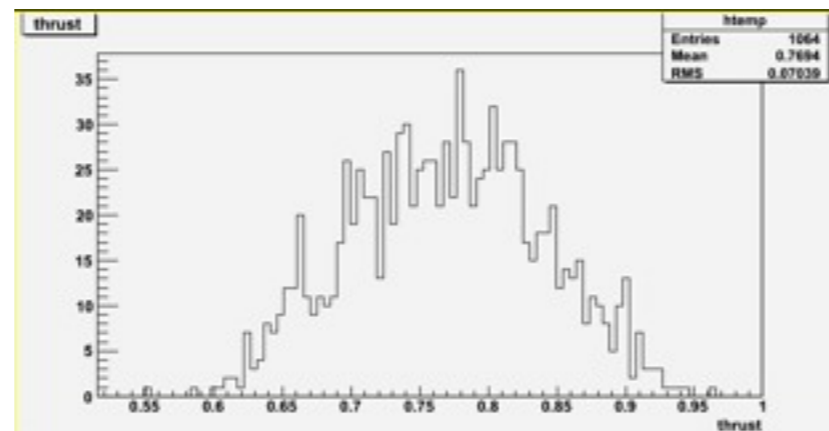
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Sample Plot      Sample: bbv $\mu$ sc 1000 events

y (jet clustering)



thrust



W mass

