

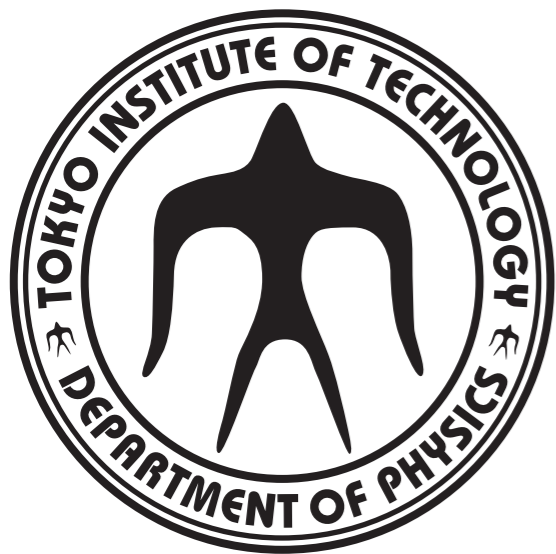
Status Report

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Recent status

- Photo production sample
 - Made in my machine
 - Cross section became smaller than Uta's sample
 - Generator cuts are same with README made by Uta
 - Incident energy of photon is different ?
 - I set it to be fixed 48 GeV

Samples made by Uta

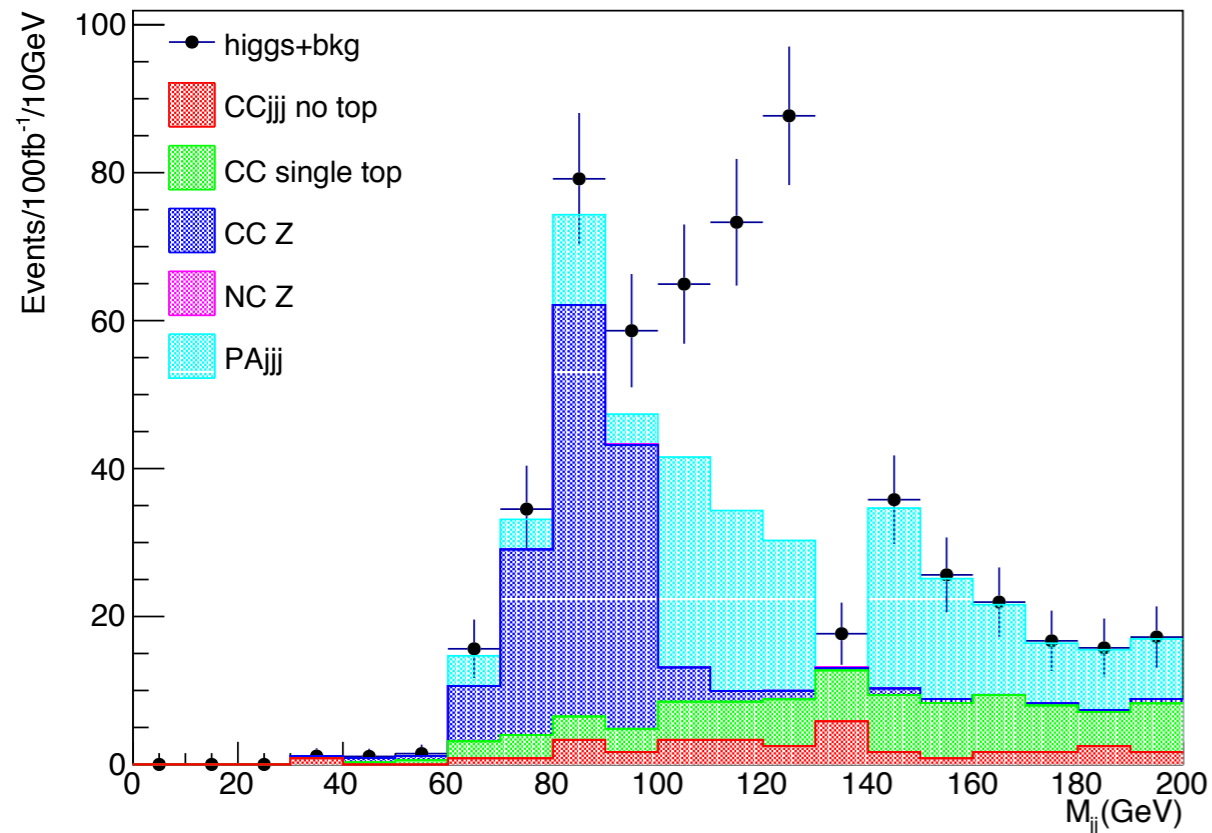
	σ (pb)	Nsample	N/ σ (fb ⁻¹)
Signal H->bb	0.063	200K	3170
CCjjj no top	2.5	300K	120
CC single top	0.43	150K	350
CC Z	0.29	100K	345
NC Z	0.13	100K	770
PAjjj	38	955K	25

PHP sample made by me

PAjjj	30	3000K	101
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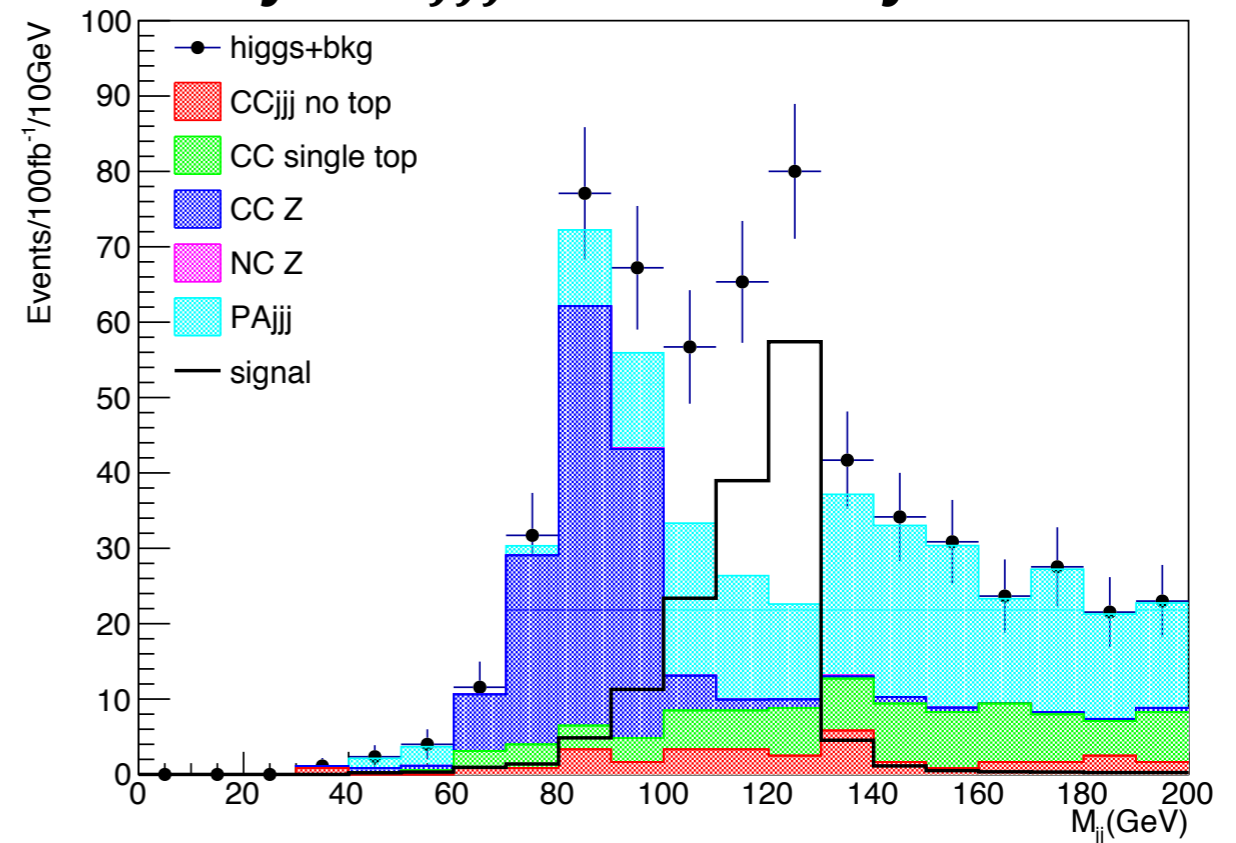
Result

Uta's samples



Signal H->bb	119 ± 2
CCjij no top	9 ± 3
CC single top	17 ± 2
CC Z	7 ± 1
NC Z	0
PAjij	73 ± 17

Only PAjij is made by Tanaka



Signal H->bb	119 ± 2
CCjij no top	9 ± 3
CC single top	17 ± 2
CC Z	7 ± 1
NC Z	0
PAjij	39 ± 6

- Final result is also different between PHP samples of Uta and Tanaka
- We need to compare run_card file of MadGraph