

# **TTH Repot**

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Measurement for Top Yukawa coupling

R. Yonamine

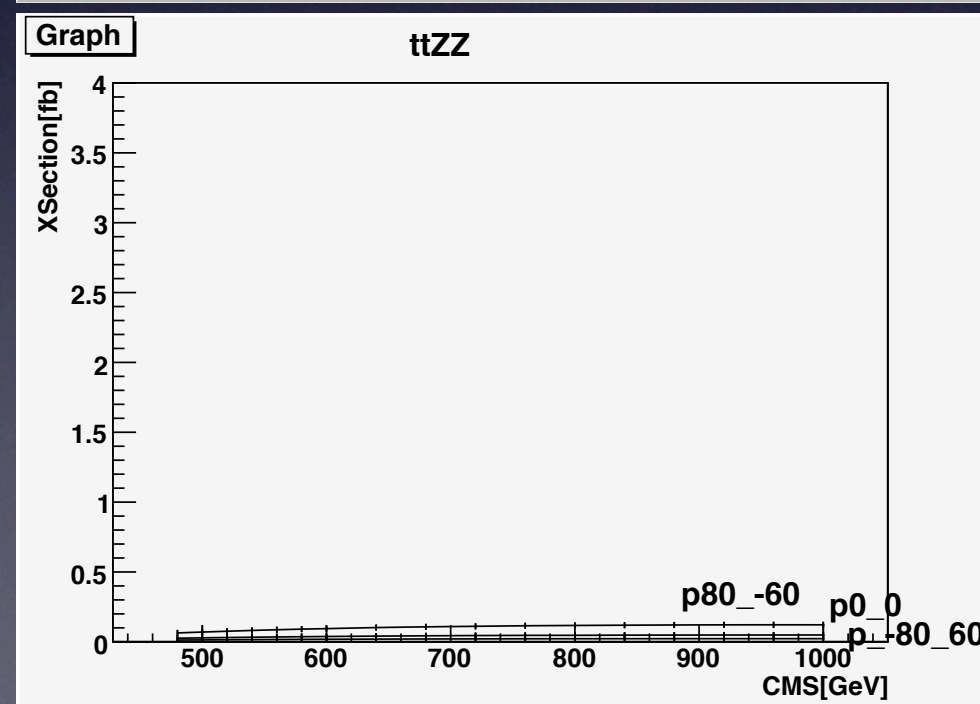
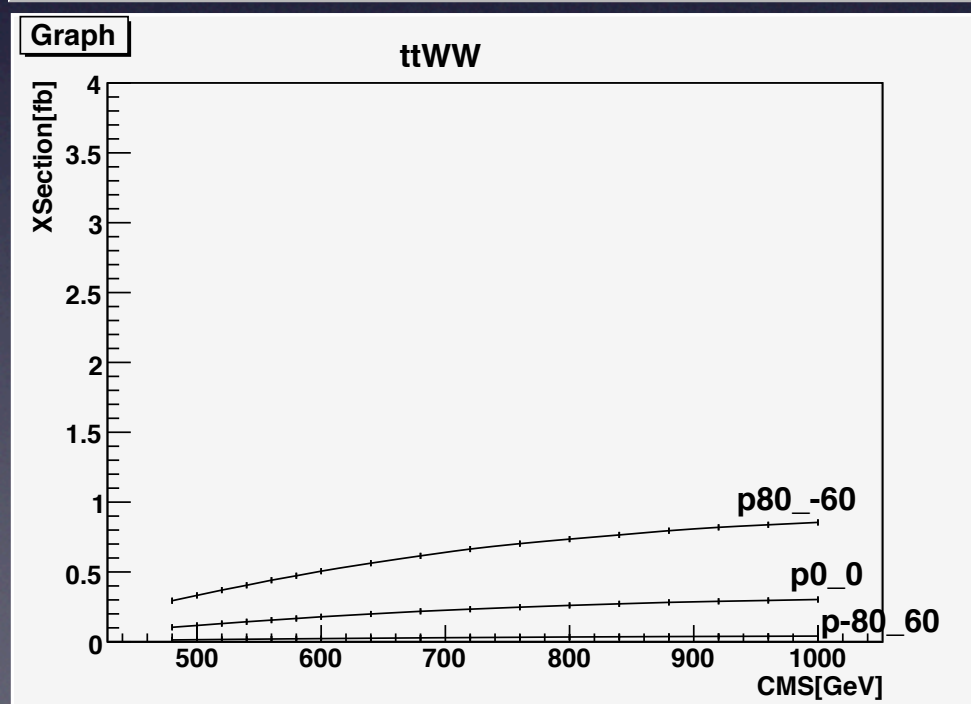
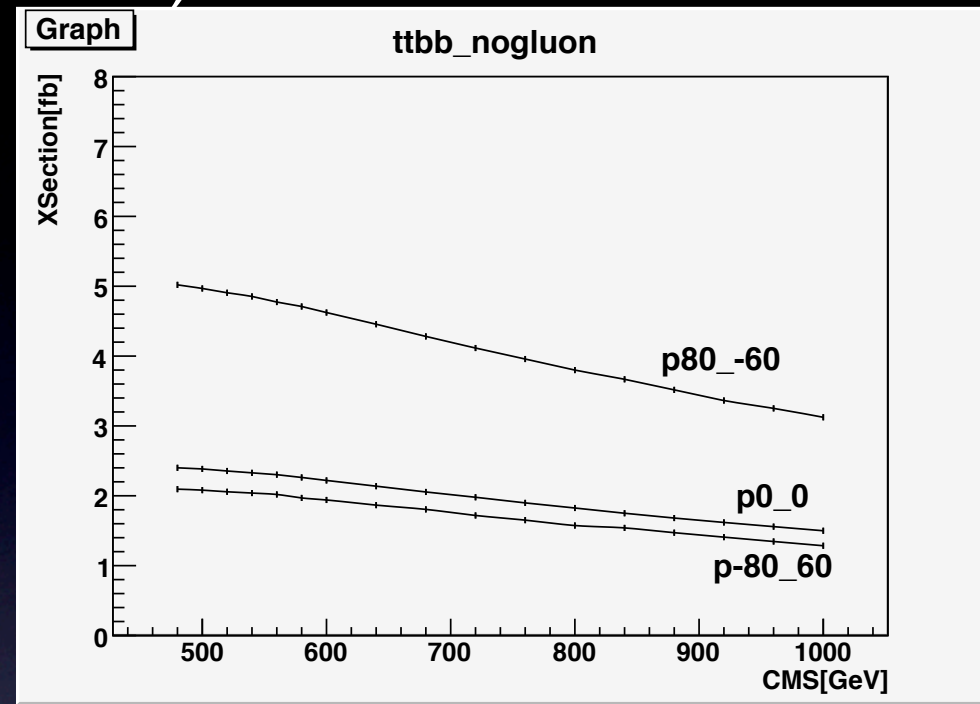
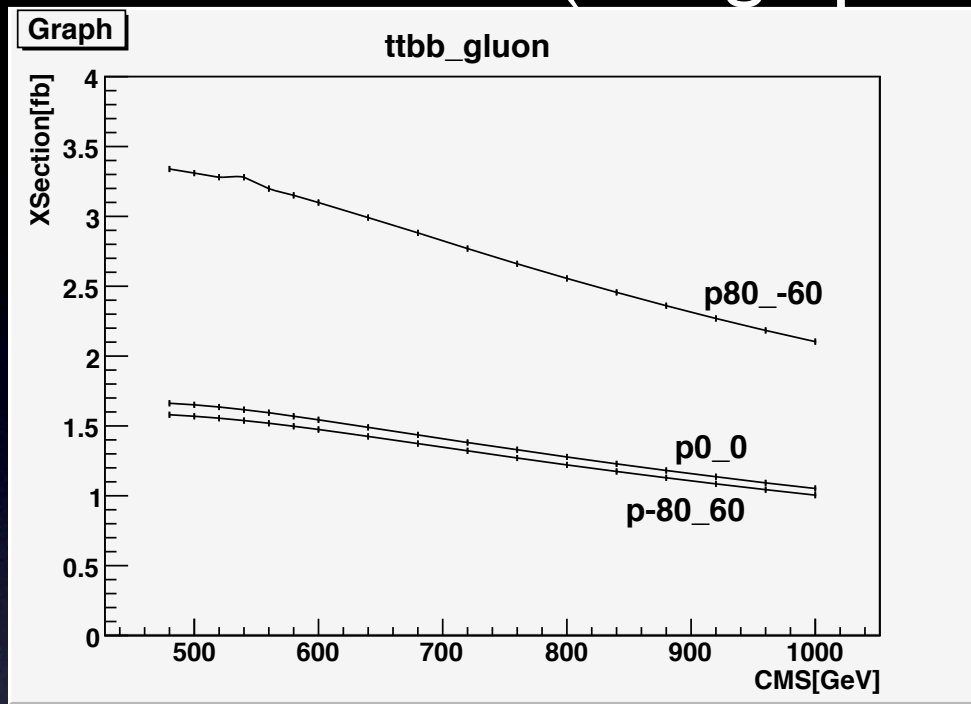
2008.10.08

# TASK

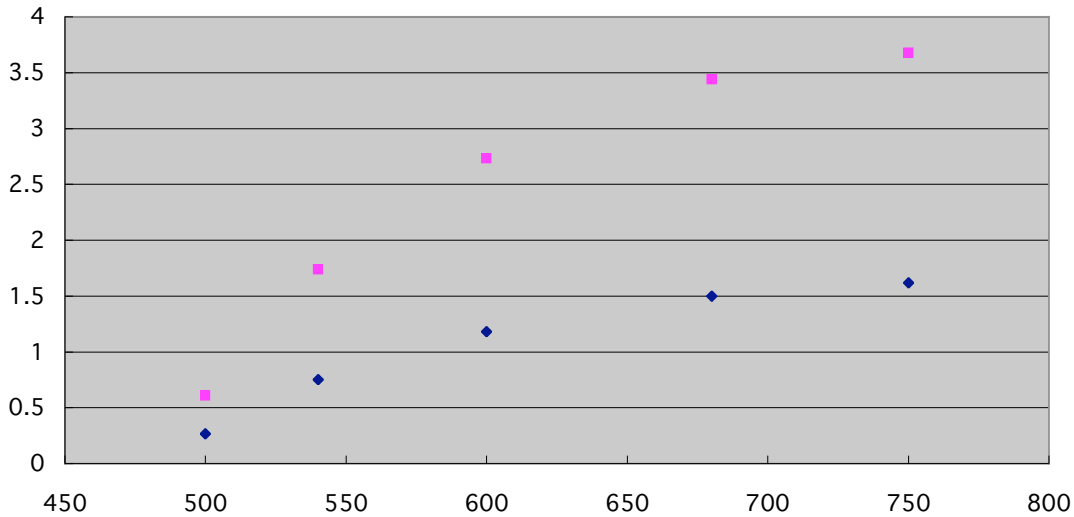
- tt B.G.      need better cut
- ttg B.G.     event generation

# About ttg process

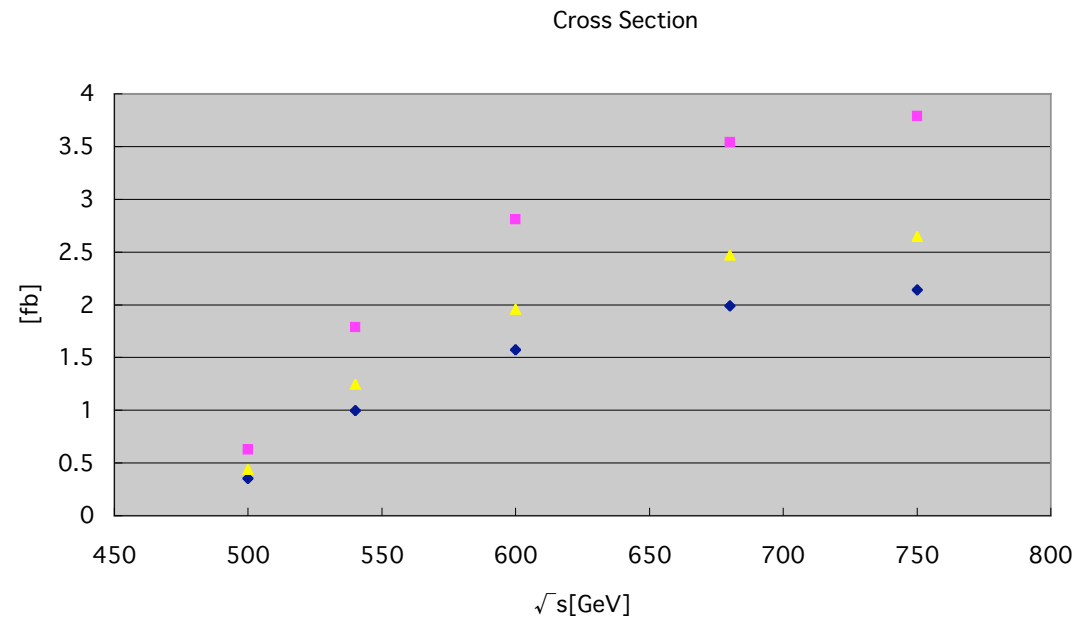
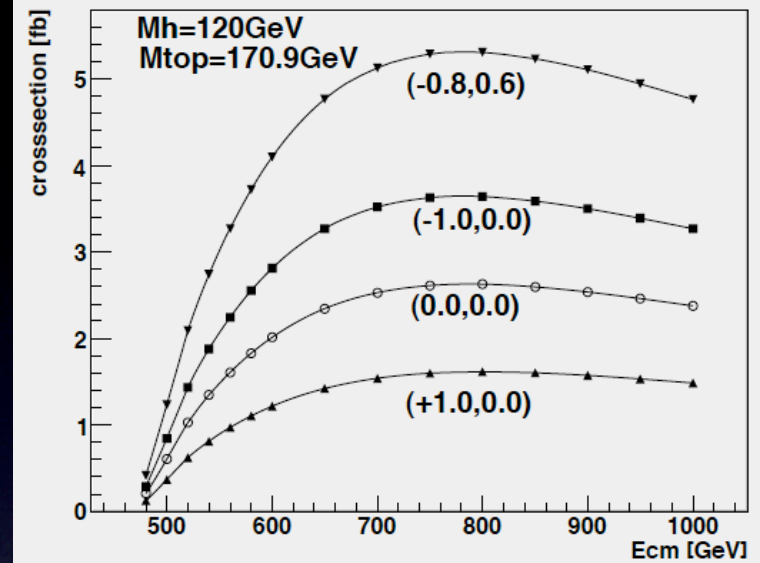
## Cross section (Madgraph Results)







Graph



TILC08 Uozumi-san

$P_{0.8_-0.6}$ の計算

$$\sigma_{(P_{1.0_0.0})} \times 2 \times 0.8 \times 0.6 + \sigma_{(P_{-1.0_0.0})} \times 2 \times 0.2 \times 0.4$$