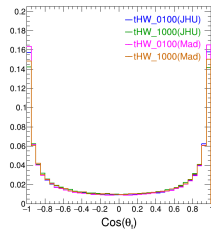
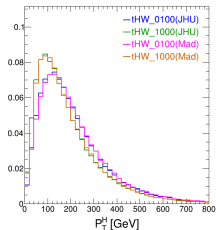
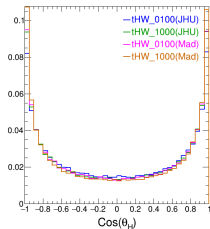
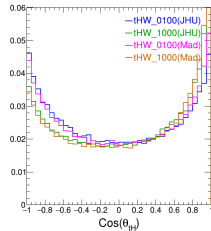
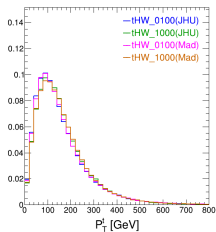
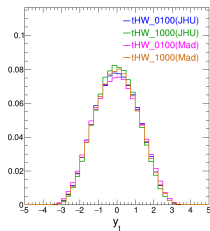


Kinematics of tHW

Legend: κ , $\tilde{\kappa}$, g_1 , g_4



Cross Section of tHW

Parameters($\kappa\tilde{\kappa}g_1g_4$)	1020	1120	0120	1000	0100	1100	0020
Cross Section(fb)	16.85	51.86	69.5	47.6	35.1	82.3	34.5
Ratio(σ/σ_{SM})-JHU	1.0	3.1	4.1	2.8	2.1	4.9	2.0
Ratio(σ/σ_{SM})-Madgraph	1.0	3.1	4.2	2.8	2.1	4.9	2.1

Table: Cross section of tHW

$$\begin{aligned}\sigma(\kappa, \tilde{\kappa})_{tHW} &= 47.60fb(|\kappa|^2 + 0.74|\tilde{\kappa}|^2 + 0.72 - 1.37\kappa) \\ &= \sigma_{SM}(2.82|\kappa|^2 + 2.08|\tilde{\kappa}|^2 - 3.87\kappa + 2.05)\end{aligned}$$