



| Cut Name           | CMS Count(Eff)  | MA5 Count(Eff)   |
|--------------------|-----------------|------------------|
| Event Cleaning     | 4850000.0 (xxx) | 4850000.0 (xxx)  |
| No Mu              | ? (?)           | 3605676.86 (74%) |
| No Ele             | 626652.0 (12%)  | 2840909.87 (78%) |
| Njet70>1           | ? (?)           | 1631002.12 (57%) |
| Njet50>3           | ? (?)           | 735650.58 (45%)  |
| Njet30>4           | 626652.0 (100%) | 595633.91 (80%)  |
| Min $\Delta(\phi)$ | 364869.0 (58%)  | 335719.44 (56%)  |
| Nbjets>0           | 314179.0 (86%)  | 288112.65 (85%)  |
| MET>200            | ? (?)           | 2292.02 (0%)     |
| Top Reco           | ? (?)           | 392.51 (17%)     |
| MTsum>500          | 229.7 (0%)      | 198.59 (50%)     |

Table 1: The acceptance cut flow for the baseline selection in CMS SUS-14-001 for model point TTbar and the MA5 results are given in column 3.

| Signal Region Name   | CMS | MA5    |
|----------------------|-----|--------|
| MET200-350, Nbjets=1 | -1  | 105.13 |
| MET>350, Nbjets=1    | -1  | 21.02  |
| MET200-350, Nbjets>1 | -1  | 51.40  |
| MET>350, Nbjets>1    | 8.3 | 21.02  |

Table 2: The signal region (SR) counts in CMS CMS-SUS-14-001 for the working point TTbar after all selection has been applied. Column 2 is the CMS account, and our own results displayed in column 3. These counts were determined by applying the SR selection to the end of the cut flow featured in table 1.