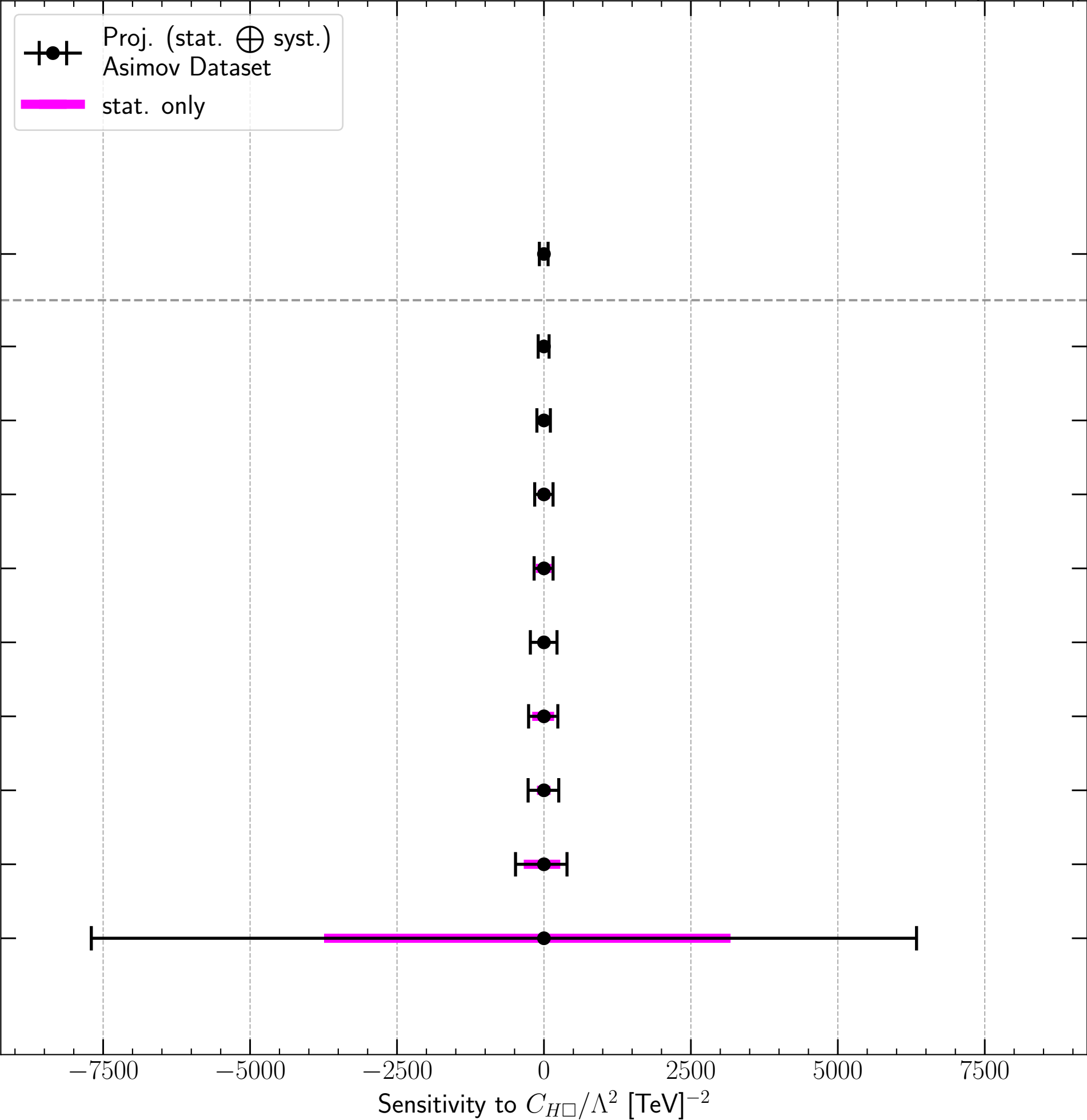


95% CL Sensitivity to $C_{H\Box}$ (Freeze Other WCs)

CMS Preliminary

138 fb⁻¹ (13 TeV)



| | | total | stat. | Variable of choice | |
|-------------------------------------|--|-------|------------------------|------------------------|------------------------|
| combined | | 0.000 | +70.472 -78.097 | +50.135 -58.411 | |
| 2 Leptons (same signed) | | 0.000 | +87.033 -98.053 | +71.716 -83.953 | s_T |
| 2 Leptons (opposite signed) | | 0.000 | +108.827 -120.224 | +72.268 -83.480 | s_T |
| 0 Lepton (3 fat jets) | | 0.000 | +154.688 -157.548 | +99.559 -101.654 | $H_{T,\text{Fat-Jet}}$ |
| 2 Leptons (opposite signed, 2FJ) | | 0.000 | +154.905 -167.466 | +126.034 -135.772 | $s_{T,\text{MET}}$ |
| 1 Lepton (2 fat jets) | | 0.000 | +222.029 -231.446 | +76.148 -81.469 | $M_{JJl\nu}$ |
| 1 Lepton (1FJ, 1 tau) | | 0.000 | +236.024 -261.373 | +172.955 -199.785 | s_T (+BDT score) |
| 0 Lepton (2 fat jets) | | 0.000 | +251.760 -269.377 | +111.029 -119.256 | H_T |
| 2 Leptons (0FJ, 1 tau) | | 0.000 | +392.153 -483.783 | +277.255 -343.441 | s_T (+BDT score) |
| 0 Lepton (2FJ, 1 tau) | | 0.000 | +6339.218 -7701.168 | +3174.812 -3741.332 | s_T (+BDT score) |