

| | Signal | | Background | | | | |
|--|--------------------------------|--------------------------------|------------|-------------------|--------------------|--------------------|---------------------|
| Process | $HZ(\rightarrow \nu\bar{\nu})$ | $\nu\bar{\nu}H$ (WW fusion) | ZZ | W^+W^- | $q\bar{q}$ | $e^\pm\nu W^\mp$ | e^+e^-Z |
| Before cut | 11725 | 1942 | 275250 | 3.85×10^6 | 1.255×10^7 | 1.285×10^6 | 1.1825×10^6 |
| $80\text{ GeV} < M_{\text{miss}} < 140\text{ GeV}$ | 8854 | 1322 | 83565 | 409174 | 33876 | 242224 | 241020 |
| $20\text{ GeV} < P_T < 70\text{ GeV}$ | 8161 | 1072 | 49099 | 291164 | 4376 | 169402 | 144559 |
| $ P_L < 60\text{ GeV}$ | 7967 | 969 | 16086 | 145018 | 4043 | 83310 | 38178 |
| $N_{\text{chd}} \geq 10$ | 7772 | 946 | 14072 | 53070 | 4009 | 4478 | 0 |
| $P_{\text{max}} < 30\text{ GeV}$ | 6963 | 855 | 10951 | 27265 | 2619 | 447 | 0 |
| $Y_{23} < 0.02$ | 4623 | 554 | 7546 | 4344 | 2193 | 109 | 0 |
| $0.2 < Y_{12} < 0.8$ | 4535 | 500 | 4995 | 3385 | 2008 | 91 | 0 |
| $100\text{ GeV} < M_{jj} < 130\text{ GeV}$ | 4331 | 475 | 856 | 1677 | 277 | 50 | 0 |