|          | 1                           |   | 1   |  |
|----------|-----------------------------|---|---|--|
| Operator | Signal Region               | WmZ_llqq  | WpZ_llqq  | ZZ_llqq  |
| SM       | total<br>merged<br>resolved | $6339.1 \ (100.0)\%$ $(1.14 \pm 0.02)\%$ $(2.38 \pm 0.02)\%$                          | $6339.1 \ (100.0)\% \\ (1.13 \pm 0.02)\% \\ (2.43 \pm 0.03)\%$                              | $343.51 \ (100.0)\% \ (5.35 \pm 0.13)\% \ (1.55 \pm 0.07)\%$                                     |
| FM0      | total<br>merged<br>resolved | $1.54 (100.0)\% \ (6.43 \pm 0.14)\% \ (1.48 \pm 0.07)\%$                              | $3.02 \ (100.0)\% \ (6.66 \pm 0.14)\% \ (1.63 \pm 0.07)\%$                                  | $54.62 \ (100.0)\% \\ (6.61 \pm 0.14)\% \\ (1.98 \pm 0.08)\%$                                    |
| FM1      | total<br>merged<br>resolved | $0.6 \ (100.0)\% \ (7.27 \pm 0.15)\% \ (1.65 \pm 0.07)\%$                             | $1.24 \ (100.0)\% \ (7.44 \pm 0.15)\% \ (1.47 \pm 0.07)\%$                                  | $4.34 \ (100.0)\% \ (6.6 \pm 0.14)\% \ (1.84 \pm 0.08)\%$  |
| FM2      | total<br>merged<br>resolved | $0.51 \ (100.0)\% \ (5.36 \pm 0.13)\% \ (1.5 \pm 0.07)\%$                             | $0.91 \ (100.0)\% \ (5.75 \pm 0.13)\% \ (1.56 \pm 0.07)\%$                                  | $\begin{array}{c} 27.58 \; (100.0)\% \\ (5.88 \pm 0.14)\% \\ (1.57 \pm 0.07)\% \end{array}$      |
| FM3      | total<br>merged<br>resolved | $0.2~(100.0)\% \ (7.51 \pm 0.15)\% \ (1.29 \pm 0.07)\%$                               | $0.39 \ (100.0)\% \ (7.94 \pm 0.16)\% \ (1.22 \pm 0.06)\%$                                  | $2.28 \ (100.0)\% \ (5.98 \pm 0.14)\% \ (1.5 \pm 0.07)\%$  |
| FM4      | total<br>merged<br>resolved | $egin{array}{l} 1.81 \; (100.0)\% \ (6.75 \pm 0.14)\% \ (1.6 \pm 0.07)\% \end{array}$ | $3.85 (100.0)\% \ (7.09 \pm 0.15)\% \ (1.49 \pm 0.07)\%$                                    | $3.88 \ (100.0)\% \ (6.98 \pm 0.15)\% \ (1.72 \pm 0.07)\%$                                       |
| FM5      | total<br>merged<br>resolved | $1.04~(100.0)\% \ (6.59~\pm~0.14)\% \ (1.53~\pm~0.07)\%$                              | $2.08 \ (100.0)\% \ (6.96 \pm 0.15)\% \ (1.66 \pm 0.07)\%$                                  | $2.03 \ (100.0)\% \ (6.79 \pm 0.15)\% \ (1.56 \pm 0.07)\%$                                       |
| FM7      | total<br>merged<br>resolved | $0.34 \ (100.0)\% \ (6.88 \pm 0.15)\% \ (1.71 \pm 0.07)\%$                            | $0.76~(100.0)\% \ (6.7 \pm 0.14)\% \ (1.85 \pm 0.08)\%$                                     | $\begin{array}{c} 1.2 \; (100.0)\% \\ (6.66  \pm  0.14)\% \\ (1.92  \pm  0.08)\% \end{array}$    |
| FS02     | total<br>merged<br>resolved | $0.31 \ (100.0)\% \ (10.25 \pm 0.18)\% \ (1.28 \pm 0.06)\%$                           | $0.75 \ (100.0)\% \ (10.5 \pm 0.18)\% \ (1.23 \pm 0.06)\%$                                  | $1.53~(100.0)\% \ (10.91~\pm~0.18)\% \ (1.66~\pm~0.07)\%$  |
| FS1      | total<br>merged<br>resolved | $0.0358 \ (100.0)\% \ (8.66 \pm 0.16)\% \ (1.63 \pm 0.07)\%$                          | $0.085 \ (100.0)\% \ (9.25 \pm 0.17)\% \ (1.59 \pm 0.07)\%$                                 | $0.64 (100.0)\% \ (11.0 \pm 0.18)\% \ (1.48 \pm 0.07)\%$   |
| FT0      | total<br>merged<br>resolved | $99.5 \ (100.0)\% \ (6.41 \pm 0.14)\% \ (2.01 \pm 0.08)\%$                            | $\begin{array}{c} 223.28 \ (100.0)\% \\ (6.42 \pm 0.14)\% \\ (1.71 \pm 0.07)\% \end{array}$ | $1433.78 \ (100.0)\% \\ (6.11 \pm 0.14)\% \\ (2.13 \pm 0.08)\%$                                  |
| FT1      | total<br>merged<br>resolved | $207.01 \ (100.0)\% \ (5.98 \pm 0.14)\% \ (1.84 \pm 0.08)\%$                          | $523.78 \ (100.0)\% \\ (6.22 \pm 0.14)\% \\ (1.87 \pm 0.08)\%$                              | $\begin{array}{c} 905.21 \; (100.0)\% \\ (6.29  \pm  0.14)\% \\ (1.92  \pm  0.08)\% \end{array}$ |
| FT2      | total<br>merged<br>resolved | $25.24 \ (100.0)\% \ (6.37 \pm 0.14)\% \ (1.9 \pm 0.08)\%$                            | $61.37 \ (100.0)\% \ (6.34 \pm 0.14)\% \ (1.98 \pm 0.08)\%$                                 | $217.3 \ (100.0)\% \\ (6.28 \pm 0.14)\% \\ (2.0 \pm 0.08)\%$                                     |
| FT5      | total<br>merged<br>resolved | $16.19 \ (100.0)\% \ (5.69 \pm 0.13)\% \ (1.72 \pm 0.08)\%$                           | $37.1 \ (100.0)\% \ (5.86 \pm 0.14)\% \ (1.68 \pm 0.07)\%$                                  | $\begin{array}{c} 232.13 \; (100.0)\% \\ (5.97  \pm  0.14)\% \\ (1.82  \pm  0.08)\% \end{array}$ |
| FT6      | total<br>merged<br>resolved | $18.08 \ (100.0)\% \ (6.44 \pm 0.14)\% \ (1.56 \pm 0.07)\%$                           | $40.15 \ (100.0)\% \ (6.8 \pm 0.15)\% \ (1.75 \pm 0.08)\%$                                  | $96.02 (100.0)\% \ (6.81 \pm 0.15)\% \ (1.83 \pm 0.08)\%$  |
| FT7      | total<br>merged<br>resolved | $2.97 \ (100.0)\% \ (6.06 \pm 0.14)\% \ (1.52 \pm 0.07)\%$                            | $6.76 \ (100.0)\% \ (6.19 \pm 0.14)\% \ (1.8 \pm 0.08)\%$                                   | $20.75 \ (100.0)\% \ (6.39 \pm 0.14)\% \ (2.03 \pm 0.08)\%$                                      |
| nan      | nan                         | nan   | nan   | $1342.36 \ (100.0)\% \\ (2.79 \pm 0.02)\% \\ (7.21 \pm 0.04)\%$                                  |