

| Channel                                    | $p_T^{j_1}$ bin boundaries (GeV) |         |         |         |          |           |                |                |
|--|----------------------------------|---------|---------|---------|----------|-----------|----------------|----------------|
| $H \rightarrow \gamma\gamma$               | 30 - 40                          | 40 - 55 | 55 - 75 | 75 - 95 | 95 - 120 | 120 - 150 | 150 - 200      | 200 - $\infty$ |
| $H \rightarrow ZZ^{(*)} \rightarrow 4\ell$ | 3 - 55                           |         | 55 - 95 |         | 95 - 200 |           | 200 - $\infty$ |                |
| $H \rightarrow \tau^+\tau^-$ boosted       |                                  |         |         |         |          |           | 450 - 600      | 600 - $\infty$ |