

| Sample        | 2015 + 2016 (2 fb <sup>-1</sup> ) |                    |       | 2017 + 2018 (4 fb <sup>-1</sup> ) |                    |       |
|---------------|-----------------------------------|--------------------|-------|-----------------------------------|--------------------|-------|
|               | Yield                             | $\mathcal{A}^{CP}$ | [%]   | Yield                             | $\mathcal{A}^{CP}$ | [%]   |
| LL PV-comp.   | 1388 ± 41                         | 0.3 ± 2.5          | ± 0.6 | 4056 ± 77                         | - 4.3 ± 1.6        | ± 0.4 |
| LL PV-incomp. | 178 ± 31                          | - 11 ± 17          | ± 2   | 430 ± 41                          | - 3.0 ± 7.9        | ± 1.1 |
| LD PV-comp.   | 411 ± 25                          | - 7.2 ± 5.8        | ± 1.1 | 1145 ± 49                         | - 2.9 ± 3.8        | ± 0.7 |
| LD PV-incomp. | 58 ± 18                           | - 10 ± 31          | ± 4   | 349 ± 64                          | - 5 ± 17           | ± 2   |
| DD            | -                                 | -                  |       | 87 ± 28                           | - 35 ± 47          | ± 6   |