

pPb 8.16 TeV

| Source | [0, 185) | [185, 330) | [330, 370) | [370, ∞) |
|--------------------|----------|------------|------------|------------------|
| Trigger bias | 0.0% | 0.0% | 0.0% | 0.0% |
| Pile-up effects | 1.0% | 1.0% | 1.0% | 1.0% |
| Track quality cuts | 1.0% | 1.0% | 1.0% | 1.0% |
| Vertex dependence | 1.0% | 1.0% | 1.0% | 1.0% |
| Total | 1.7% | 1.7% | 1.7% | 1.7% |

PbPb 5.02 TeV

| Source | [0, 185) | [185, 330) | [330, 370) | [370, ∞) |
|--------------------|----------|------------|------------|------------------|
| Track quality cuts | 2.0% | 2.0% | 2.0% | 2.0% |
| Vertex dependence | 2.0% | 2.0% | 2.0% | 2.0% |
| Total | 2.8% | 2.8% | 2.8% | 2.8% |