| Uncertainty on relative normalisation                             |     |
|---|-----|
| Counter stability   | 0.5 |
| $\mu$ variation among bunch crossings                             | 0.5 |
| Uncertainty on absolute normalisation                             |     |
| Statistical error of the VDM scan                                 | 0.2 |
| Total beam current  | 2.7 |
| Individual bunch population                                       | 0.9 |
| Protons outside nominal bunches                                   | 0.4 |
| Length scale calibration  | 1.0 |
| Non-reproducibility in similar scans at $\sqrt{s} = 7 \text{TeV}$ | 2.1 |
| Total uncertainty   | 3.8 |