Event selection

* Proton-proton run of the year 2010
* Minimum bias trigger requiring a hit either in the A or C of the V0(denoted in what follows as V0A or V0C, respectively) or in the SPD, in coincidence with the arrival of proton bunches from both direction.
* Event in which pile-up occurred are also rejected by exploiting the correlation between the number of pixel hits and the number of SPD tracklets
* Event containing more than one reconstructed vertex are tagged as pile-up and discarded for the analysis
* INEL>0 event class in which at least one charged particle is produced in the pseudo-rapidity interval |eta|<1