Subject: Positions.config
Posted by miree on Mon, 23 Feb 2015 12:09:41 GMT
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The positions used in the analysis were obtained by measurements that we did right before the experiments. They should correspond to the distances in the LISE files.

There are two sets of distances: S2 distances and S4 distances. Each set of distances may have another reference point:
For the 2012 campaign, we took the FRS dipole entrance windows as reference points.
For the 2014 campaign, we took the S2 and S4 focal points as reference points.

These distances appear in parameter files of many different processors. In order to avoid duplication of parameters, it is possible to import a single file "Positions.config" into the parameter files of processors, and refer to the positions therein.
Positions in 2012 and 2014 were different (not only different reference points). I attached the two files.

For particle tracking, only differences are relevant. Therefore it doesn't matter what reference point is used.
An exception is the Doppler correction processor. It needs the "zout" Parameter given with reference to the center of the AGATA detectors, i.e. the difference between the LYCCA ToF stop position and the Target position.

File Attachments

1) Positions2012.config, downloaded 635 times
2) Positions2014.config, downloaded 622 times