

The Beam-gas HER sample

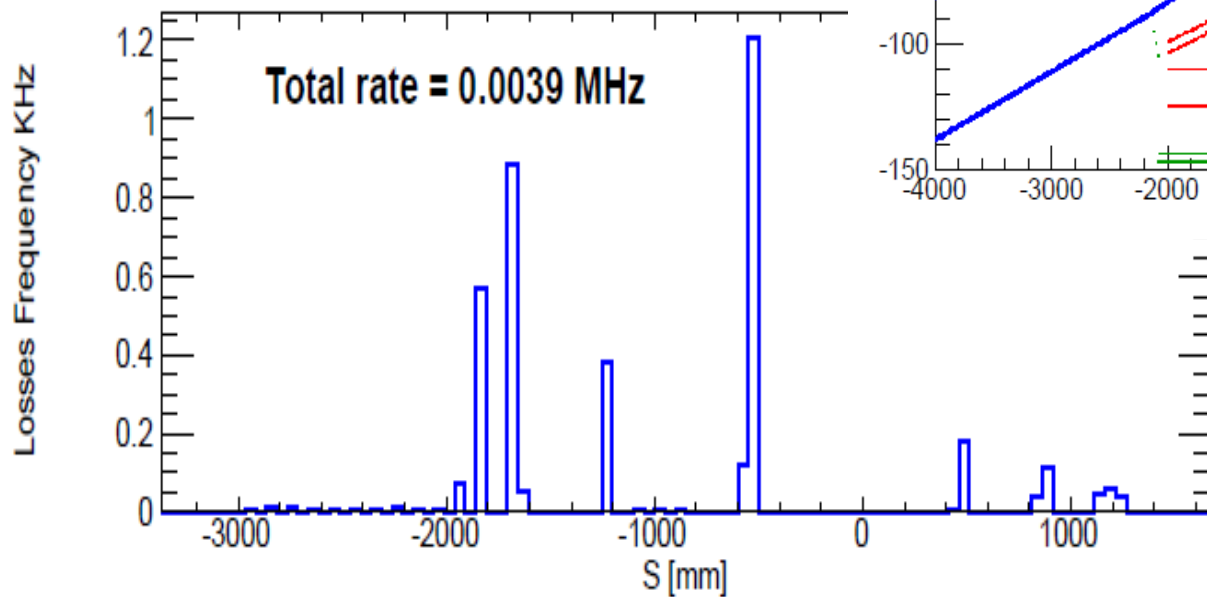
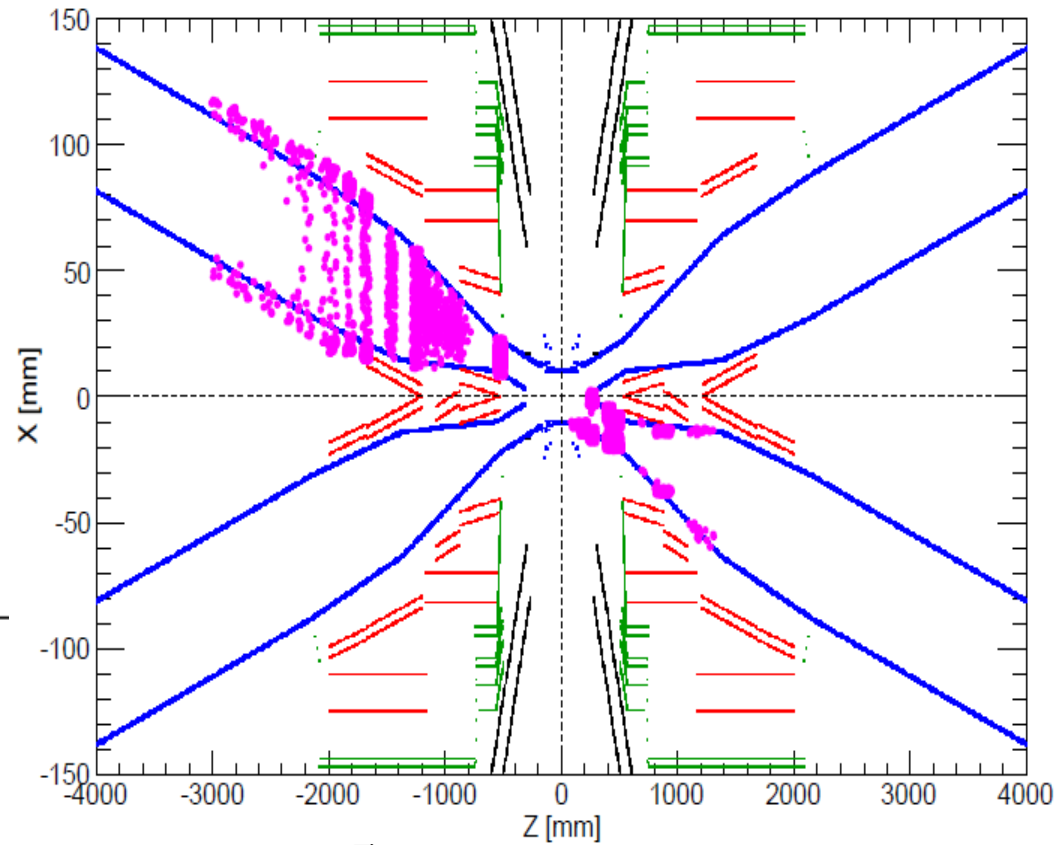
Alejandro Pérez
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LNf  **Collaboration Meeting**



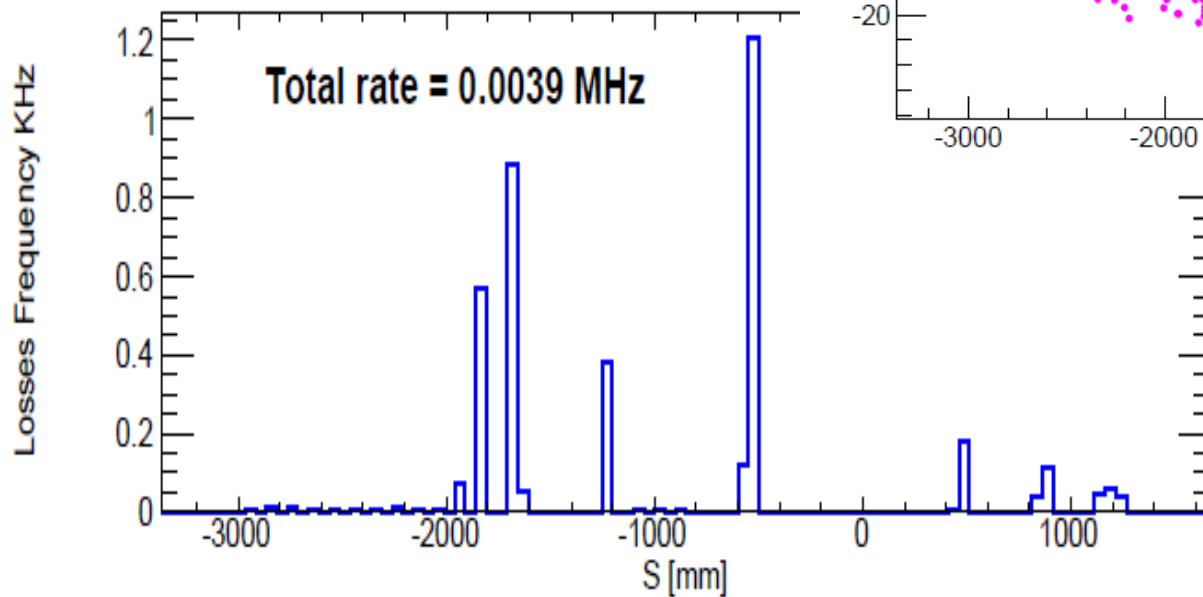
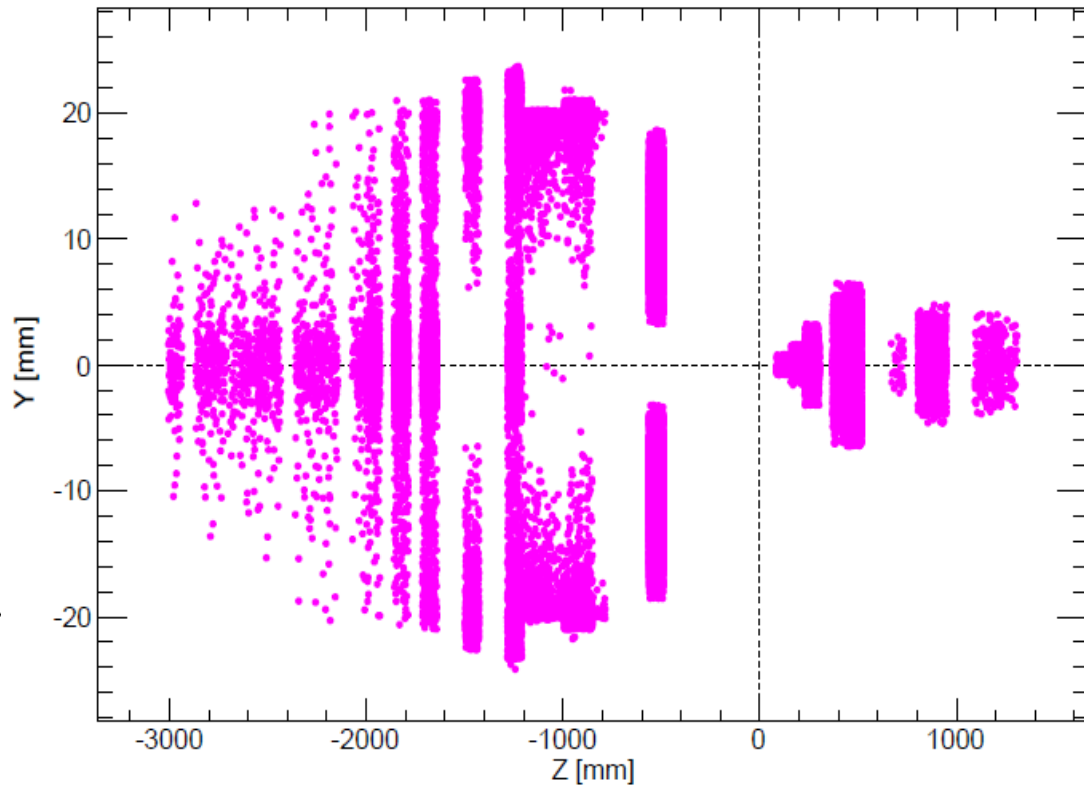
Beam-gas HER sample

- 285k primaries (losses) from beam gas HER backgrounds produced by M. Boscolo
- Total rate around the IP is 3.8MHz (Touschek-LER 58MHz)



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Latest FullSim production

- In Dec. 2011 were produced several background samples
 - Rad-bhabha
 - Pairs (2-photon)
 - Touschek HER/LER

See:

<http://agenda.infn.it/materialDisplay.py?contribId=127&sessionId=29&materialId=slides&confId=4107>

- Recently used the same code to run on the Beam-gas HER background samples
 - ⇒ **Latest BRN developments, like the FDIRC shield, rad-monitor, ..., are not included**

The word "Backup" is rendered in a 3D, blocky font with a green, pixelated texture. The letters are arranged in a slightly receding line from left to right. The 'B' is the largest, followed by 'a', 'c', 'k', 'u', and 'p' in descending order of size. The texture consists of small, dark green squares on a lighter green background, giving it a digital or mosaic appearance. The lighting is soft, creating subtle shadows on the sides of the letters.

Backup