LCU meeting 21 / 9 / 2009

Status of IR8 squeeze

Emanuele Laface

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- The chromaticity is not the nominal one.

The strength of some magnets changes in a

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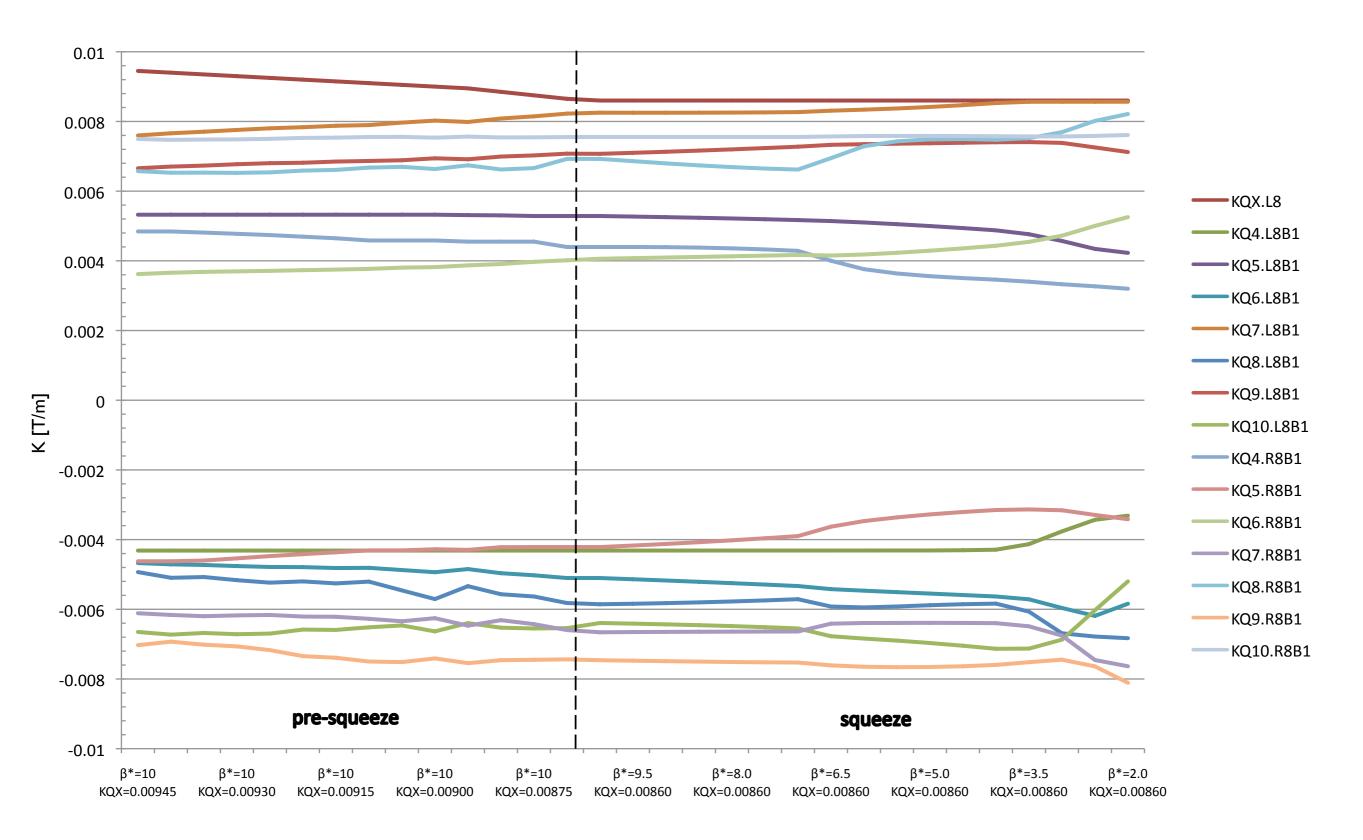
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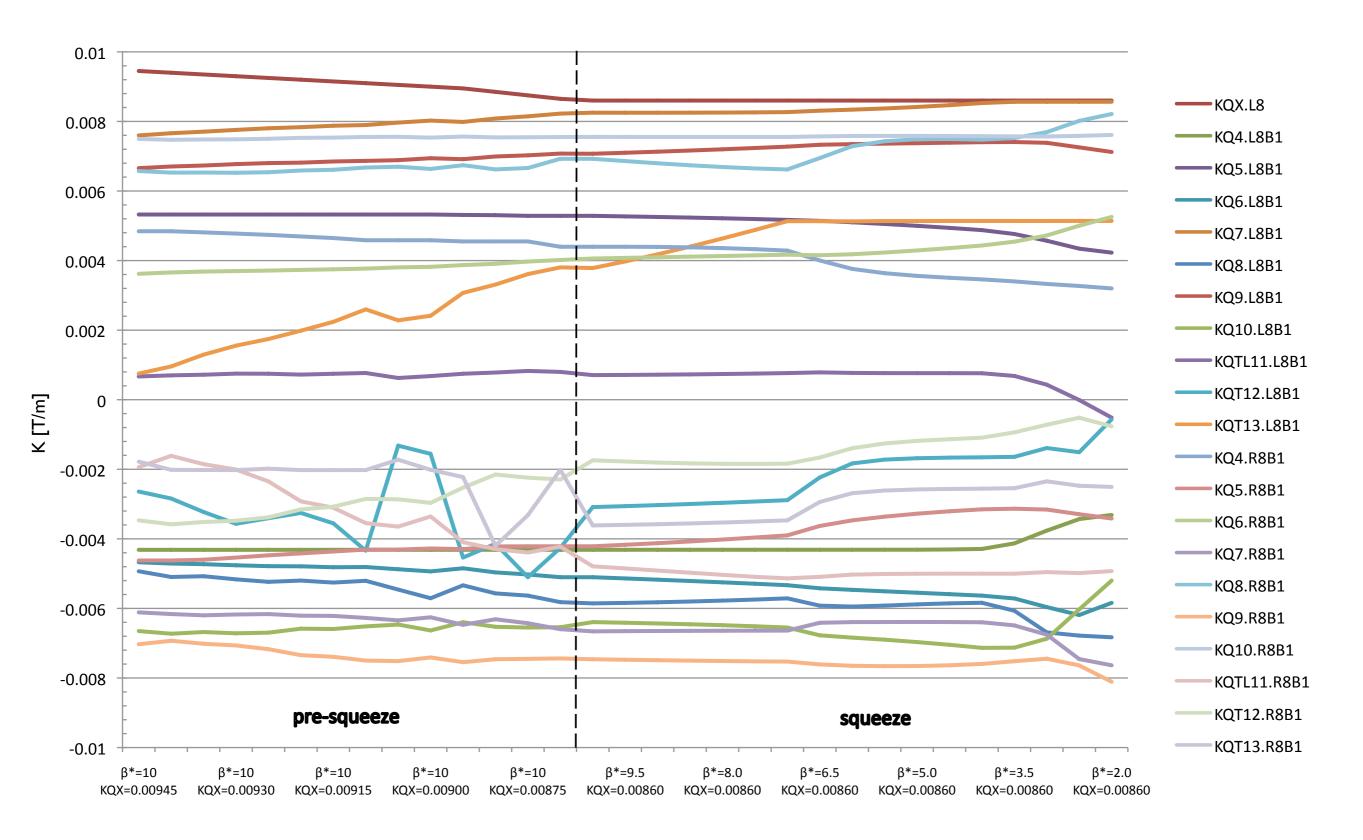
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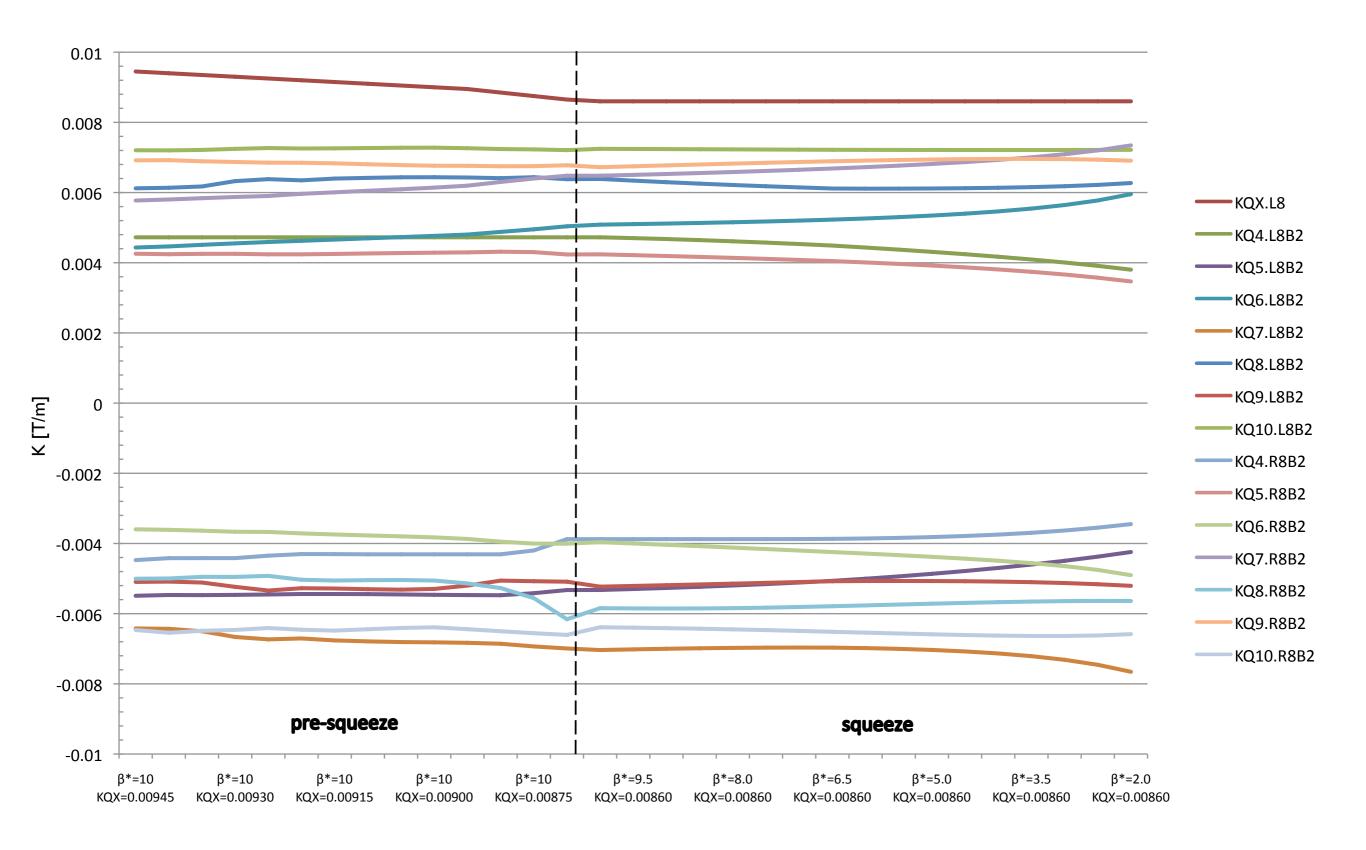
Beam I



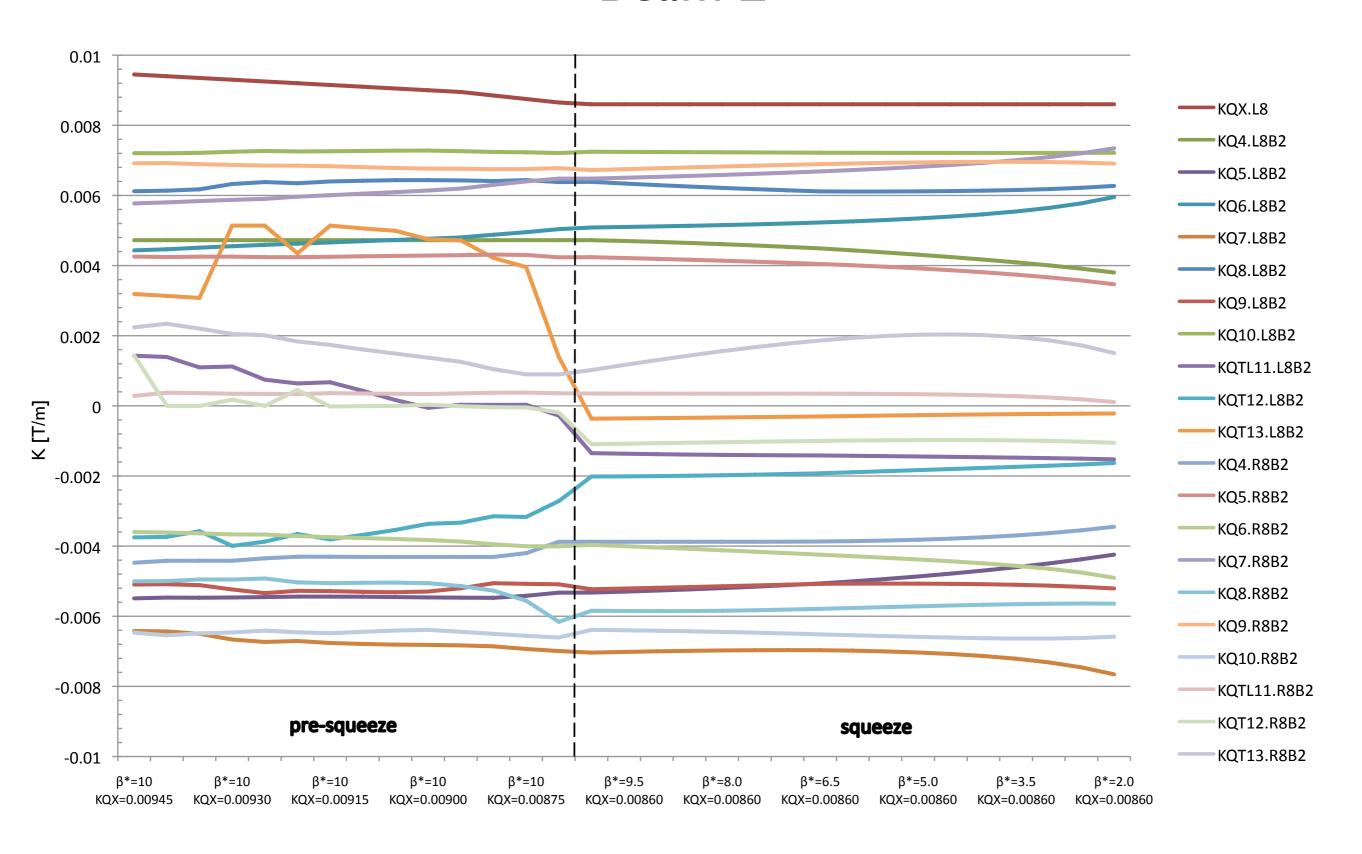
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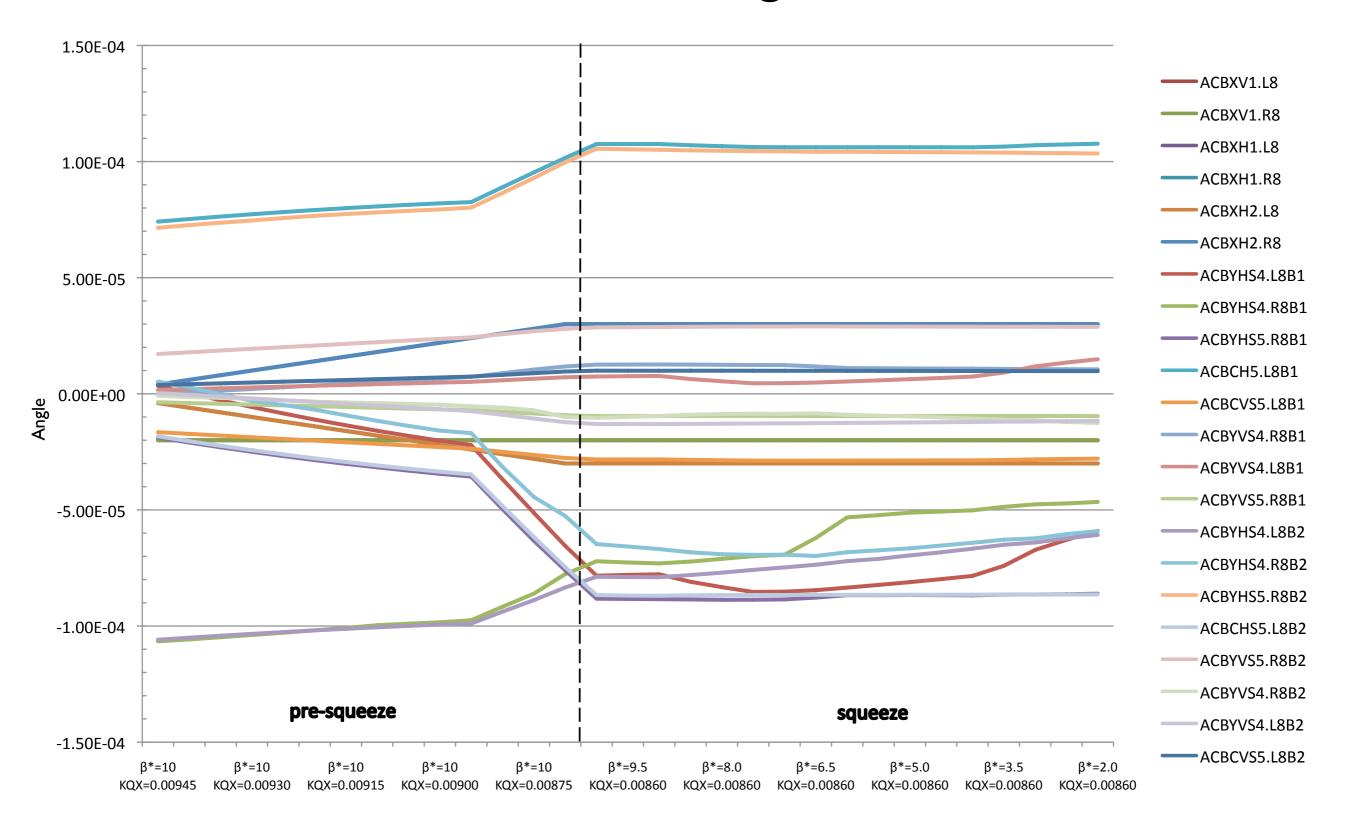
Beam 2



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Crossing



Next step for IR8:

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Aperture analysis at injection with the LHCb spectrometer switched on and the new aperture model prepared by M. Giovannozzi.

Prepare a squeeze sequence for 3.5 TeV

The main difference is that at 3.5 TeV the strength of the triplet can be keep constant during all the squeeze, so no more pre-squeeze is required.