



Photon Absorption Distributions in the LHC Arcs Simulated by Synrad3D

Effects of the sawtooth and its orientation

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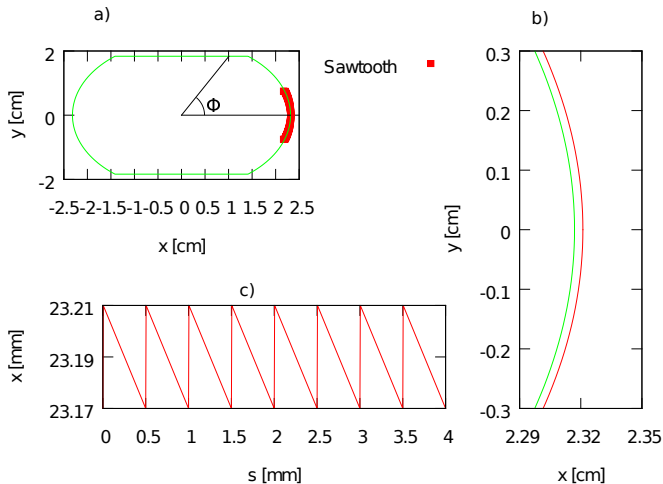
Simulation



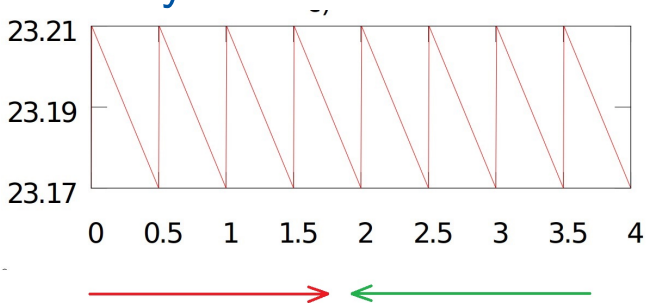
Key parameters

- Vacuum chamber
 - Material - 10 nm C over Cu
 - Surface roughness - $\sigma = 50$ nm
- Lattice - Taken from <http://lhc-optics.web.cern.ch/>
- Geometry

Geometry



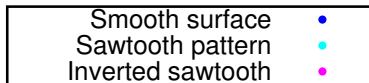
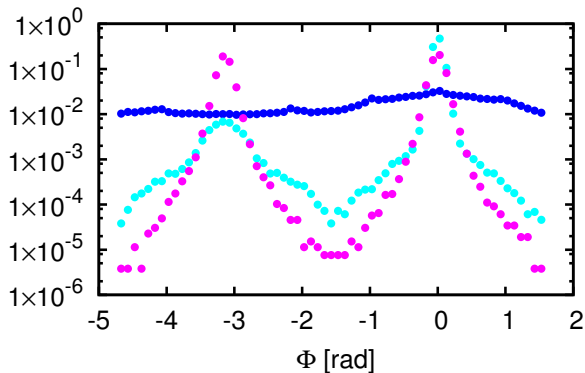
Geometry



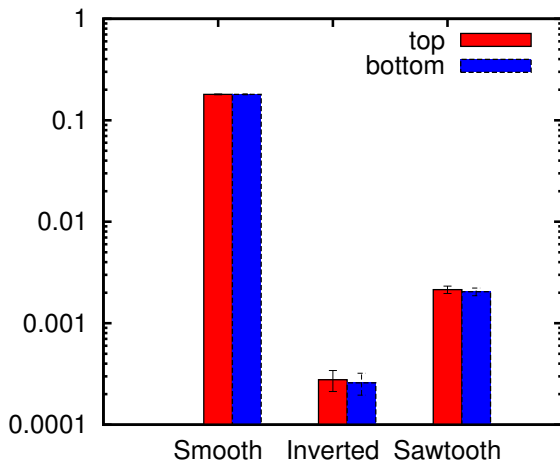
Results



Slide title



Slide title





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