

Chicane simulation update

Pavel Snopok

Front end phone meeting

January 28, 2014

Latest update

- No more mismatch between capture and chicane – used field maps in G4beamline the same way ICOOL does
- Can simulate from target down to buncher and specify the chicane and absorber parameters based on a given ICOOL deck
- Section down from buncher is in the grad. student's hands, however, he's at USPAS now.
- I started using the new distribution Diktys provided
 - I'm looking at the ecalc9 output and transmission, and the numbers are off by two orders of magnitude
 - I use: 5e6 incident protons, 876458 particles in the initial distribution I'm given, 100k particles I simulate