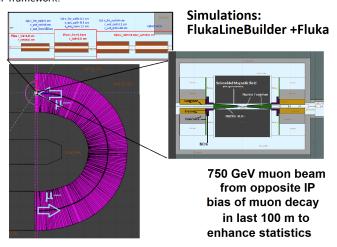
BIB studies (II)

<u>Camilla Curatolo</u>*, Paola Sala, Francesco Collamati, Alessio Mereghetti, Donatella Lucchesi

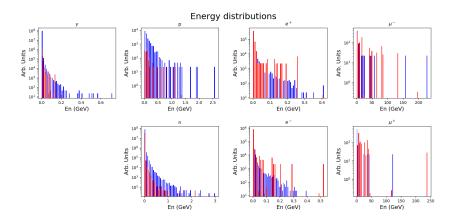
*Università e INFN Padova, Italy camilla.curatolo@pd.infn.it

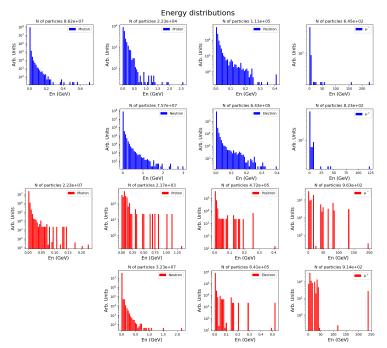
December 9, 2020

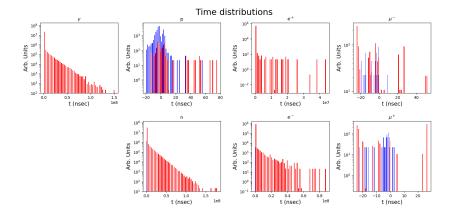
- \bullet Preliminar analysis of BIB obtained by μ^- beam of 2×10^{12} particles: comparison between our and MAP results @1.5 TeV CM energy
- MAP data simulated by MARS15
- Our framework:

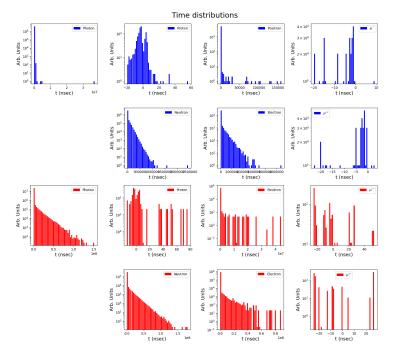


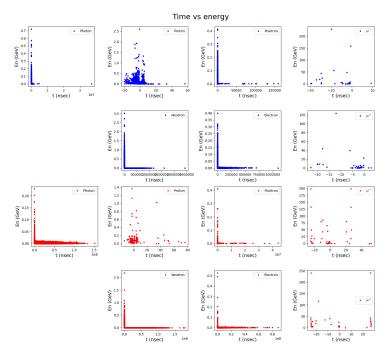
MAP data in blue Our data in red

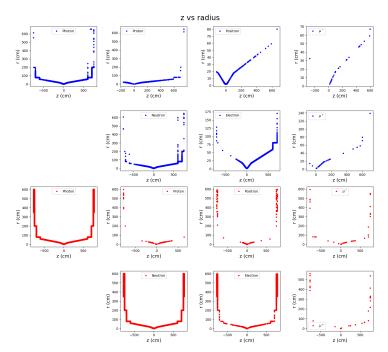


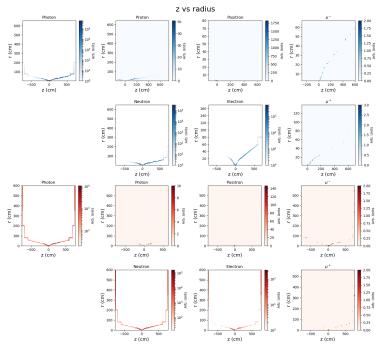












TO DO LIST

- More accurate BIB analysis
- Comparison of BIB @ 125 GeV and 1.5 TeV CM
- \bullet Further work on accuracy of magnetic elements, pipe and passive elements in particular @ IR