

Low Energy Muon Beams from the AP0 Target

This note describes the possibility of extracting low energy pions/muons from the AP0 target without (or with very limited) degradation of the pion flux used by the Muon g-2 Experiment. The extracted beam will produce muons with momentum up to ~ 300 MeV/c. This beam can be used for muon cooling experiments and/or material science experiments.

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