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How to Measure the LPM Effect in Low Z Medium?

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This is a pilot study to investigate whether it is possible to observe the aforementioned problems of LPM theory in low-Z mediums at an available accelerator environment (i.e. CERN-SPS beams). For this purpose, under the guidance of previous experiments [2, 3] we performed several GEANT4 simulations with realistic setups.

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