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The energy spread measurement for the CSNS linac

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The accelerator of CSNS is composed by a 80 MeV H- linac and a RCS ring. The H- beam from the linac is stripped and injected to RCS where the stripped proton beam will be accumulated and boosted to 1.6 GeV. In order to improve the injection efficiency, it is a must to know and control the linac beam parameters. In this paper, the energy spread of H- beam at the LRBT of CSNS linac is measured.

Footnotes

Funding Agency

Paper preparation format

Region represented

Asia

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