Measurement of scattered electrons from trapped Xe ions





I. Results of trapped Cs ion experiment

II. Results of trapped Xe ion experiment

III.Study of electron beam condition for higher luminosity

Results of trapped Cs ion experiment



Results of trapped Xe ion experiment Measurement time ~3.8 hours CsI: 1400 and BaF₂: 270



Angular distribution of ¹³²Xe



Background study of scattered electrons in Cs and Xe experiments

Vertex distribution without ion trapping



Background compare between Cs and Xe experiment



Elastic events compare between Cs and Xe experiment



Luminosity achieved in SCRIT R&D experiments



Study of electron beam condition for higher luminosity

Electron beam condition with luminosity



loss monitor and Pb detector



Pb detector and beam current

