

## Breakup of ${}^7\text{Be}$ in presence of heavy targets

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Production of  ${}^7\text{Li}$  is linked to the production of  ${}^7\text{Be}$ , which in turn, is related to the reaction  ${}^3\text{He} + {}^4\text{He} \rightarrow {}^7\text{Be} + \gamma$ . Measuring this reaction rate is of utmost importance to shed light on  ${}^7\text{Li}$  abundance anomaly. A new approach to measuring the reaction rate could be measuring the reverse reaction of Coulomb dissociation of  ${}^7\text{Be}$ , preferably in the presence of a heavy target. A related experiment for resonance excitation in  ${}^7\text{Be} + d$  reaction, proposed by us, is already approved (INTC-P-350) at HIE-ISOLDE.

**Author:** SAHA, Swapan K. (Bose Institute)

**Co-author:** Dr GUPTA, Dhruba (Bose Institute)

**Presenter:** SAHA, Swapan K. (Bose Institute)

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