

(γ, n) -Rates of Short-Lived Carbon Isotopes with the R³B-CaveC Setup

Marcel Heine for the R³B collaboration
496. Wilhelm und Else Heraeus-Seminar



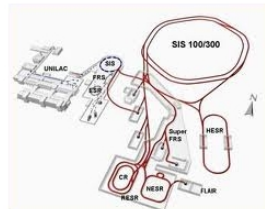
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Helmholtz Graduate School for Hadron and Ion Research



(n,γ) -Rates in Inverse Kinematics Neutron-Capture



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$^{14}\text{C}(n,\gamma)^{15}\text{C}$:

- ▶ R. Reifarth et al.,
PR. C77, 015804

(n,γ) -Rates in Inverse Kinematics

Reversion of Time

$^{14}\text{C}(n,\gamma)^{15}\text{C}$:

- ▶ R. Reifarth et al.,
PR. C77, 015804

(n,γ) -Rates in Inverse Kinematics Coulomb-Breakup

$^{14}\text{C}(n,\gamma)^{15}\text{C}$:

- ▶ R. Reifarth et al.,
PR. **C77**, 015804

$^{15}\text{C}(\gamma,n)^{14}\text{C}$:

- ▶ U. Pramanik et al.,
PL. **B551**, 63

... all momenta/energies have to be measured: **R³B-CaveC Setup**

