

Coulomb dissociation of ^{16}O

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The $^{12}\text{C}(\text{a},\text{g})^{16}\text{O}$ is of great importance in astrophysics but due to its small cross section a direct measurement is very difficult or even impossible. The Coulomb dissociation method could be an alternative method to gain further information and constrain the rate at the astrophysical interesting region.

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