

## Updated ISOLDE yield database

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An accurate value of yields is essential for the preparation of experimental proposals for the ISOLDE facility as well as for the success of the experiments themselves. After the adjustment of the target and ion source the ISOLDE technical group provides a first estimation of the measured yield, but in many cases the measurement of the yield in the experimental set-ups is required. Therefore, the user input is essential in order to maintain an updated yield database.

The present ISOLDE yield database has been updated with a wide compilation of information taken from published data on scientific journals. A new store tool has been developed based on ORACLE, which guarantees reliability, security and provides an easy way of compilation of information. A new web application has been developed in which the yield of isotopes measured at the CERN synchrocyclotron as well as with the PS Booster from 1992 are compared and plotted on-line. Furthermore, yield information can be sought either by isotope or by target type, in such a way that it is possible to have an overview of all isotopes produced in a target and of their yields.

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