

Are radiation constraints limiting the ISOLDE operation in 2008?

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Radiation issues have, and always will, limit the operation of ISOLDE. Though most often caused by an increase in primary beam intensity, constraints may derive from equipment failure, post acceleration or quite simply be the result of many years of operation. Moreover, radiation protection legislation is changing over the years hence putting even more constraints on ISOLDE operation. In this talk, I will present four current topics where radiation aspects may have a direct or indirect impact on ISOLDE operation; activated air release, radioactive waste management, a dedicated off-line separator for actinide targets and REX-ISOLDE. After an initial description of each topic and their consequences, technical solutions will be presented.