

## Ion acceleration in TNSA regime: bulk vs. surface contribution

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Laser driven light-ion acceleration is being investigated for the optimization of ion cut-off energy using the ILIL facility with a laser intensity of up to  $2 \cdot 10^{19}$  W/cm<sup>2</sup>.

The energy spectra of different light-ions accelerated depending on structural characteristics of the target was obtained by means of a Thomson Parabola Spectrometer. Here, we focus our attention to the role of surface and target bulk in the acceleration process.

**Primary author:** ALTANA, Carmen (LNS)

**Co-authors:** FAZZI, Alberto (MI); MUOIO, Annamaria (LNS); PALLA, Daniele (PI); GIOVE, Dario Augusto (MI); Dr MASCALI, David (LNS); BRANDI, Fernando (ILIL, INO-CNR Pisa, IIT Genova); SCHILLACI, Francesco (LNS); Dr CRISTOFORETTI, Gabriele (CNR); LANZALONE, Gaetano (LNS); CIRRONE, Giuseppe (LNS); GIZZI, Leonida Antonio (PI); FULGENTINI, Lorenzo (ILIL, INO-CNR Pisa); Dr LABATE, Luca (Istituto Nazionale di Ottica - Consiglio Nazionale delle Ricerche); FERRARA, Paolo (ILIL, INO-CNR Pisa); KOESTER, Petra (ILIL, INO-CNR Pisa); TUDISCO, Salvatore (LNS)

**Presenter:** ALTANA, Carmen (LNS)

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