

# The Fluka cross sections for secondary cosmic rays: Latest results [10'+5']

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Despite the simplicity of our phenomenological models of CR propagation, we have been able to explain with very good accuracy the fluxes of the main secondary CRs, including antiprotons. In this talk, we show new cross sections of CR interactions in the Galaxy computed with FLUKA, covering from light secondaries, such as deuterium, tritium or  $^3\text{He}$ , to gamma rays and neutrinos. In addition, we show how some assumptions, such as the head-on approximation, can affect our predicted fluxes of light secondary CRs.

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