

BORON PRODUCTION REVISITED

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The production of boron by low energy cosmic rays is reevaluated in the light of recent measurements and theoretical developpments. We evaluate the constraints attached to the possibility of accounting for the observed boron isotopic ratio, in terms of energetics, power in the flux, spatial energy density of cosmic rays, heating and ionization state of the interstellar medium, as well as elemental and isotopic ratios of other light elements.