## AN ESTIMATE OF THE SECONDARY <sup>2</sup>H SPECTRUM PRODUCED BY COSMIC RAYS IN THE ATMOSPHERE

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A detailed study of the secondary production of  $^2\mathrm{H}$  in the atmosphere as function of energy, zenith angle and atmospheric depth was carried out. We present results at high latitude at minimum and maximum solar modulation level. We also present results at minimum solar modulation level obtained including the geomagnetic cutoff at medium latitude.