

## **New calculation of the influence of triplet production on pair - companion cascades in a soft photon field**

**V. Angelov<sup>1</sup>, L. Gurdev<sup>2</sup>, S. Petrov<sup>1</sup>, and H. Vankov<sup>1</sup>**

<sup>1</sup>Institute for Nuclear Research and Nuclear Energy

<sup>2</sup>Institute of EI

**Abstract.** We examine the consequences of using the new precisely calculated cross sections of triplet production in Monte Carlo calculations of electromagnetic cascades through

thermal radiation. Results are compared with previous calculations.