

Japan Charged Particle Reaction Data Group

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Memo CP-E/003

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To: Distribution

From: KATO Kiyoshi

Subject: Differential cross section for solid angle and linear momentum

Our group compiled some data for the antiproton production double differential cross section for solid angle and momentum (Y.Sugaya *et al.*, Nucl. Phys. **A634** (1998) 115). We propose to add a new particle code for antiproton and quantity code for the double differential cross section. New unit code is also accompanied for cross section and incident energy per nucleon, GeV/A.

Our proposal is as follows:

Dictionary 25 (Data Units)

UB/SR/GEVC microbarn per steradian per (GeV per Velocity of Light)

GeV/A GeV per mass number

Dictionary 29 (Product Particles)

AP antiproton

Dictionary 36 (Quantities)

, DA/DP double differential c/s d²/dA/dp

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