

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

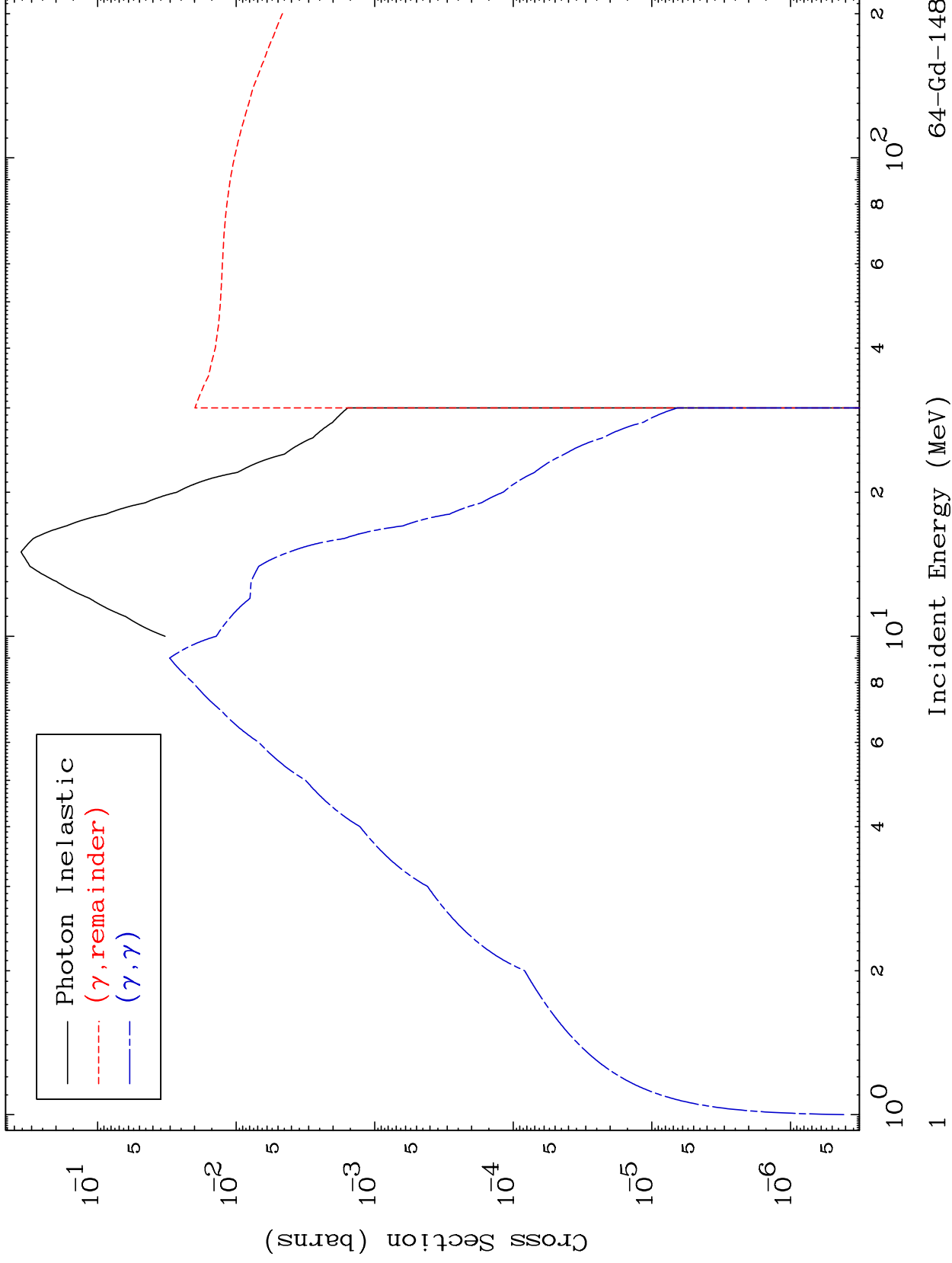
Press Mouse Button to Start

MAT 6413

Photon Major

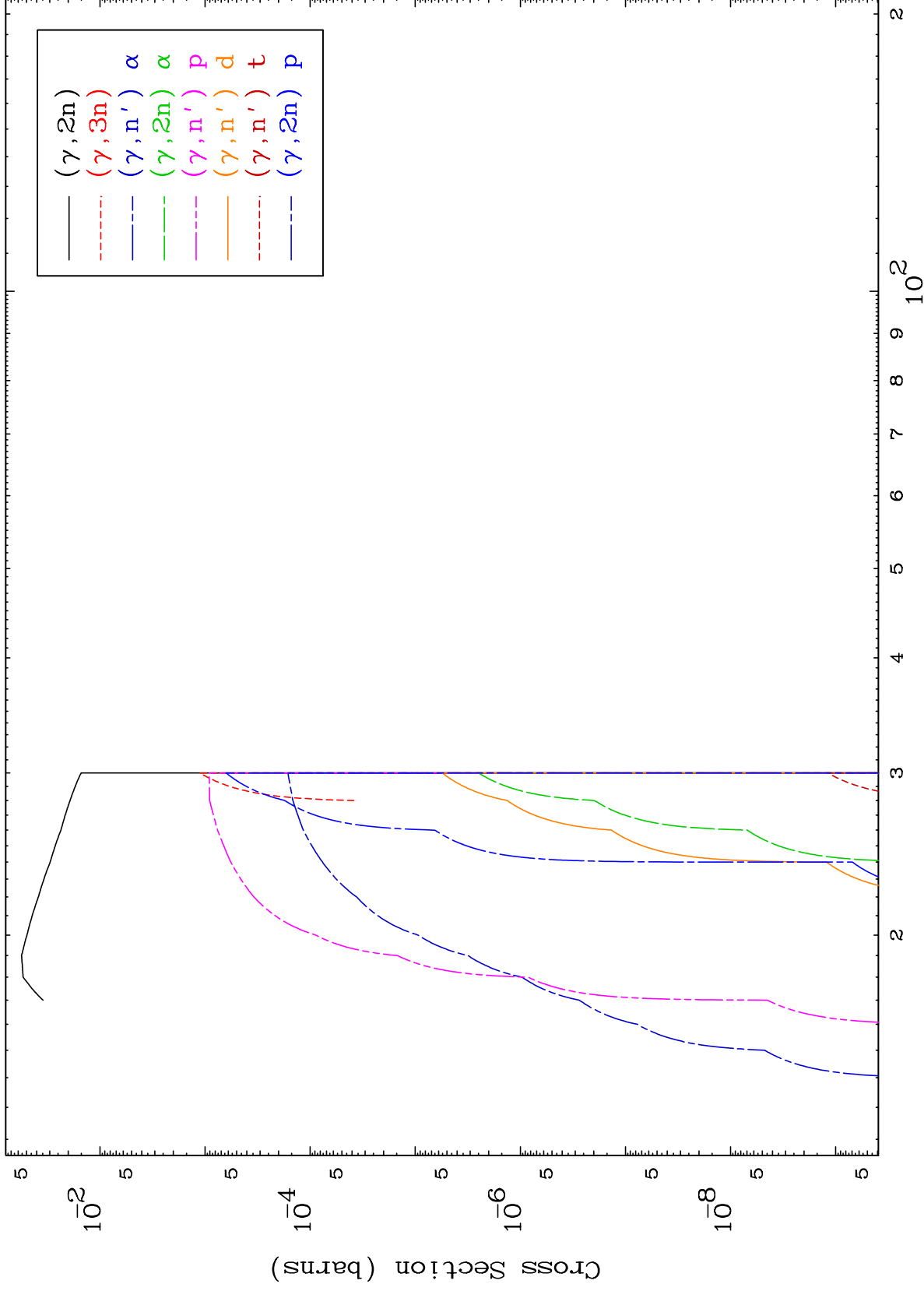
64-Gd-148

0 Kelvin Cross Sections



Incident Energy (MeV)

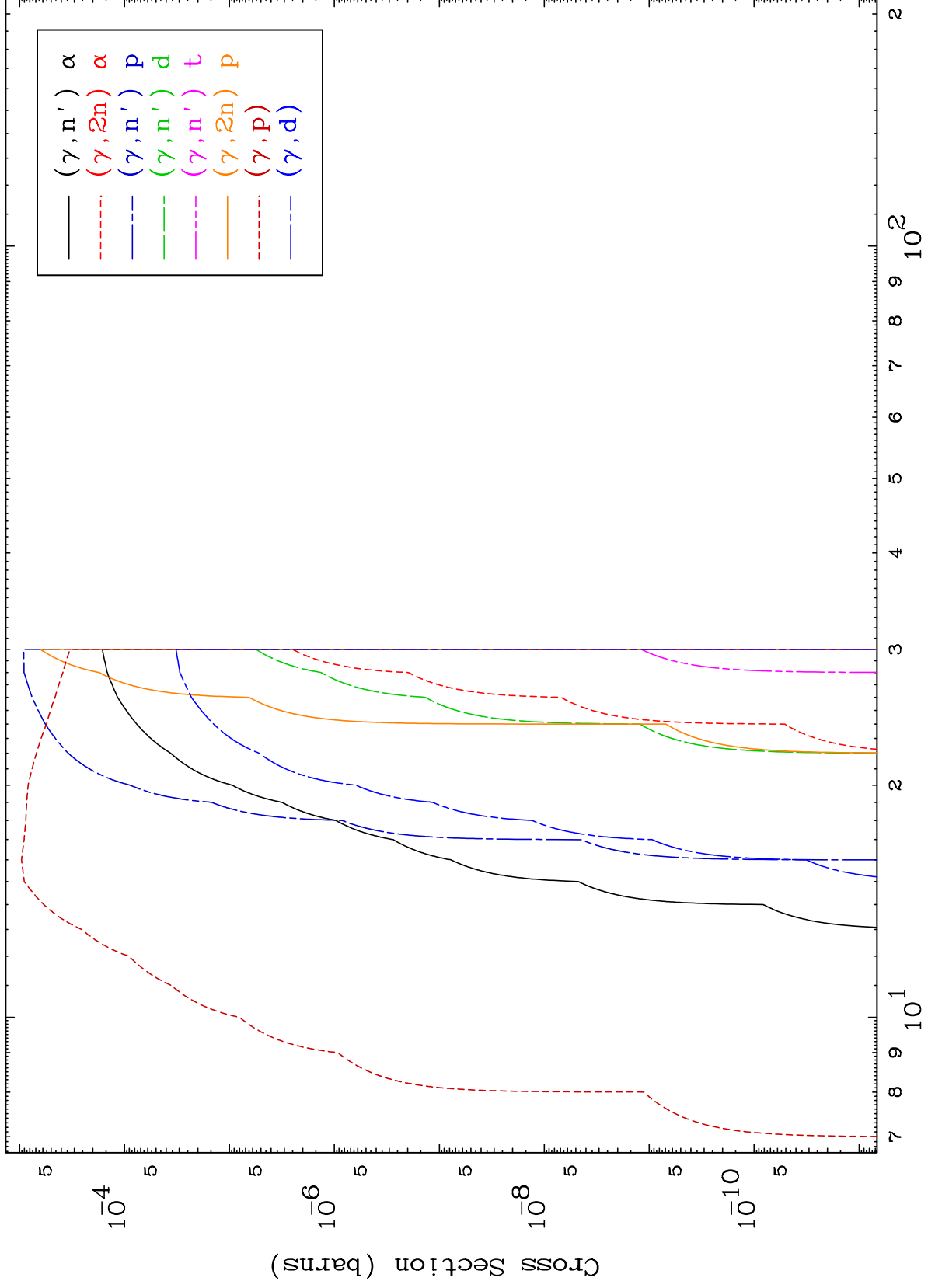
64-Gd-148



MAT 6413

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-148



3

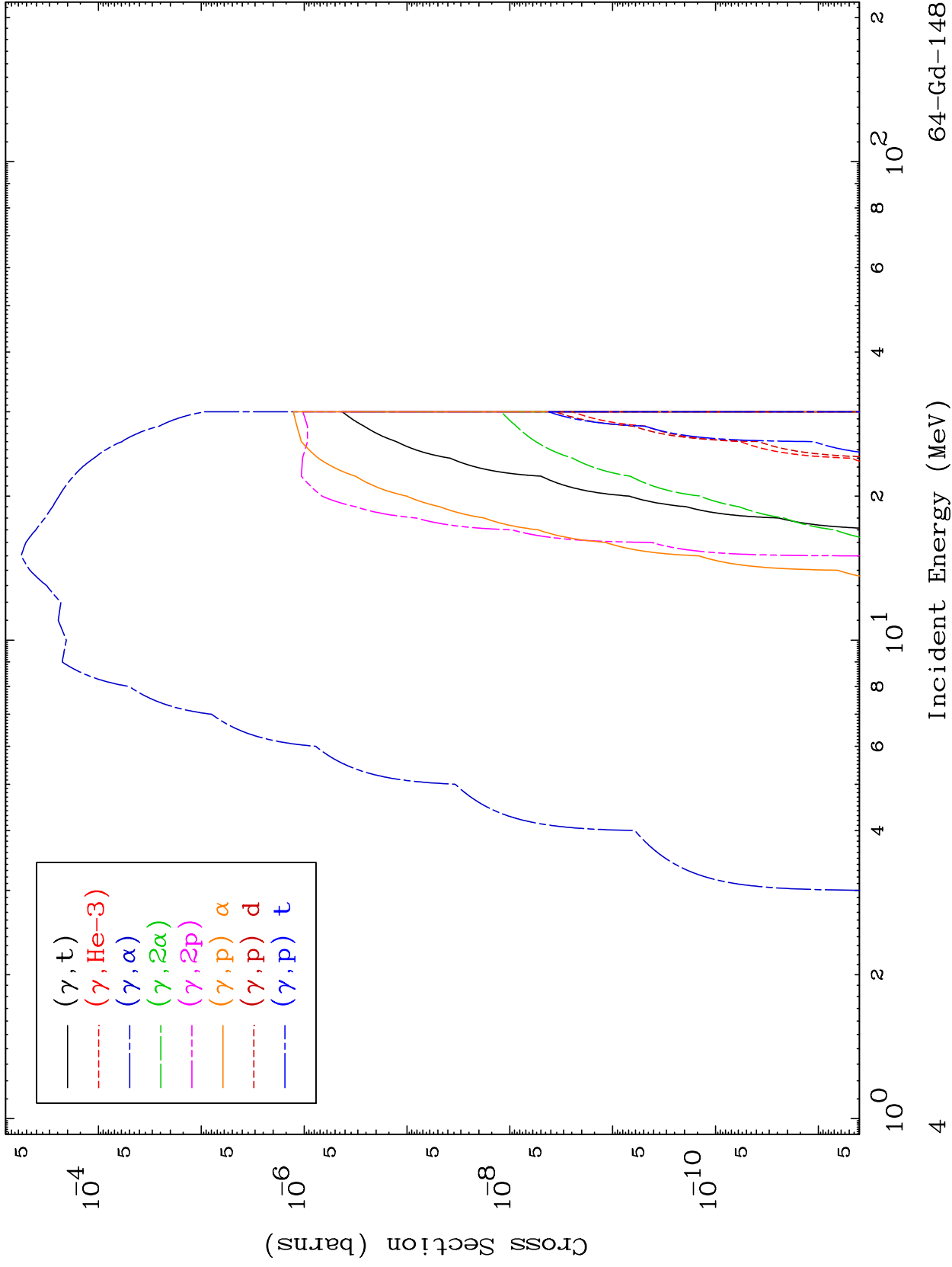
Incident Energy (MeV)

64-Gd-148

MAT 6413

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-148



Incident Energy (MeV)

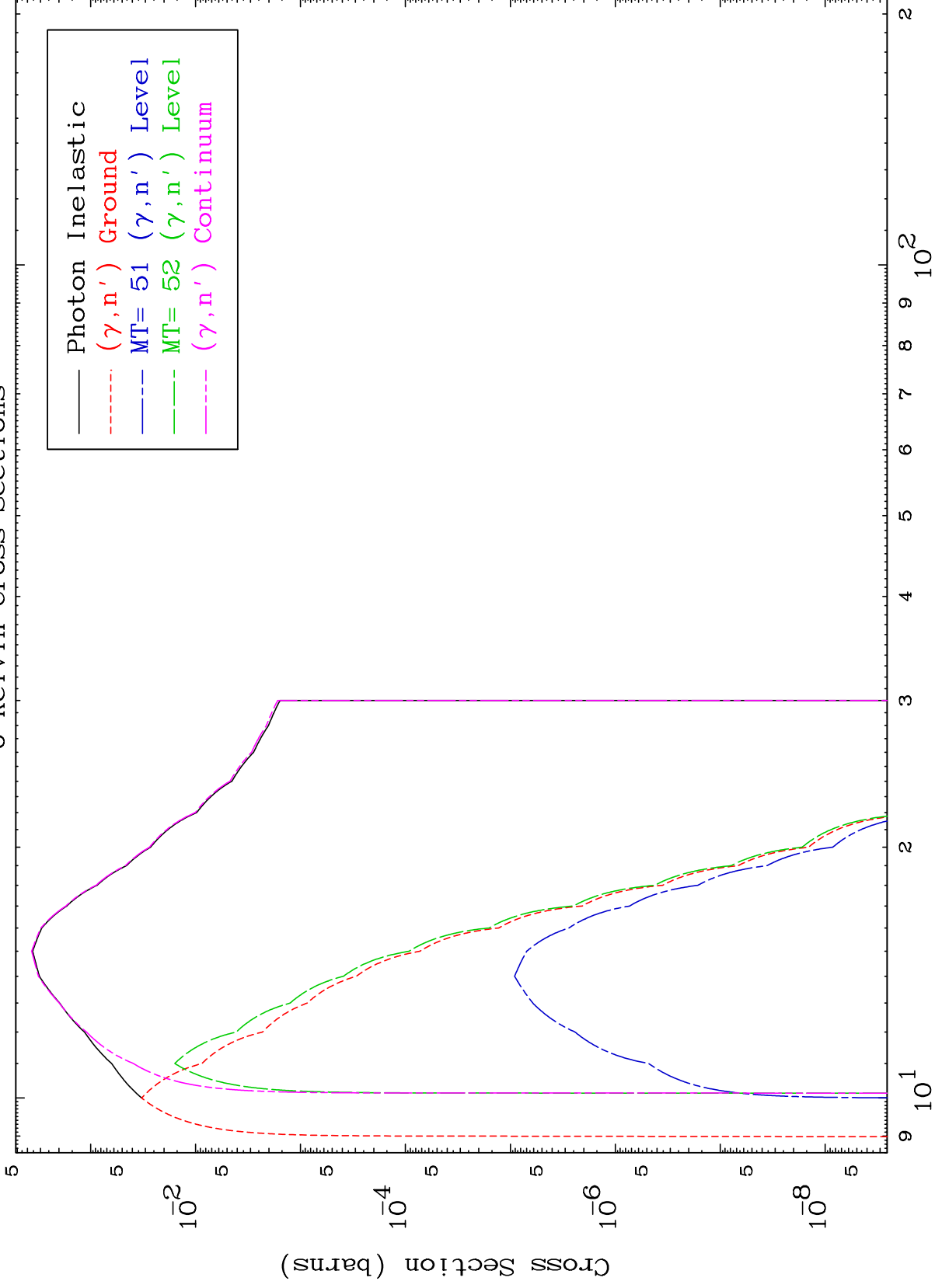
64-Gd-148

MAT 6413

(γ, n') Level

64-Gd-148

0 Kelvin Cross Sections



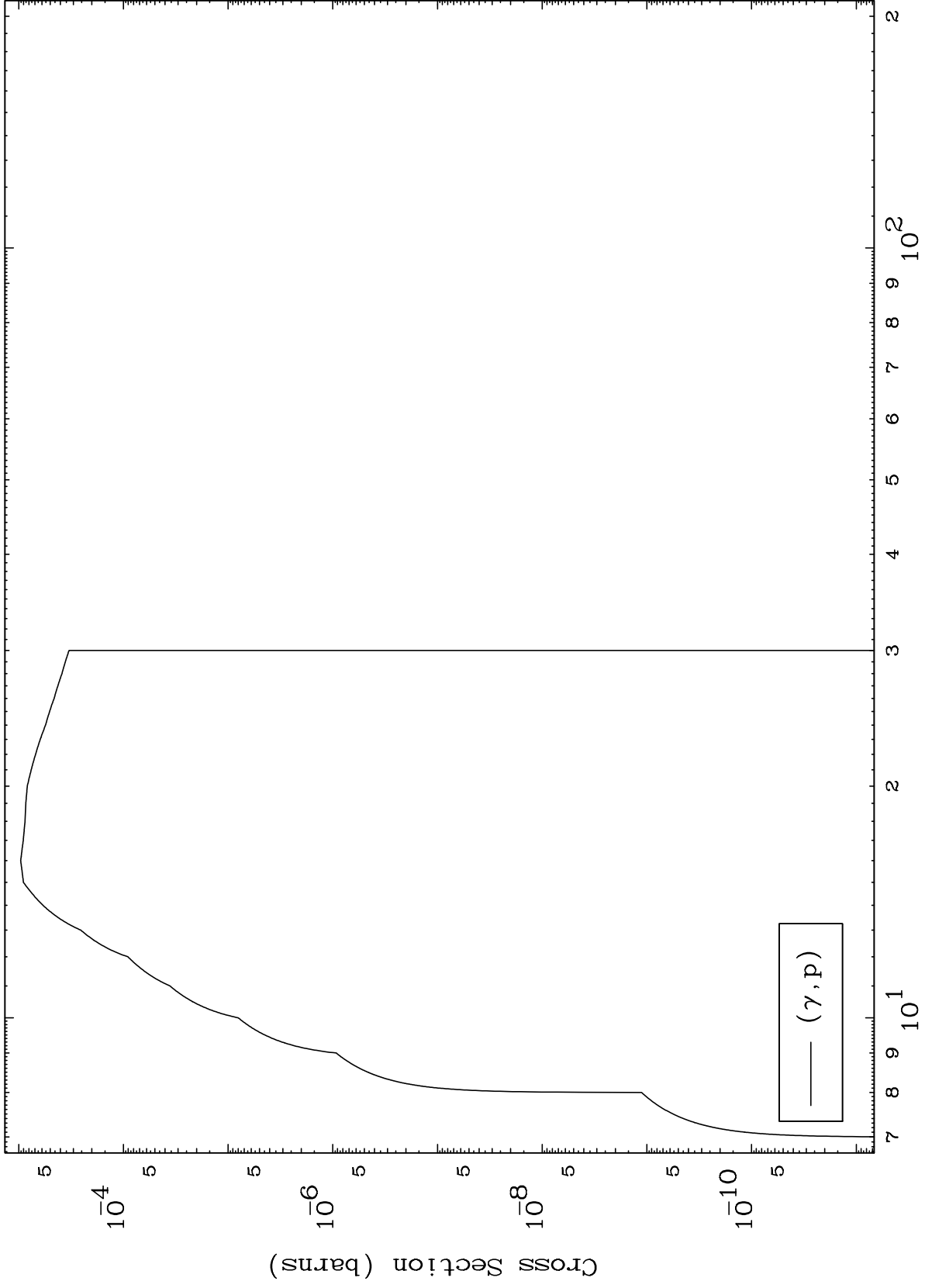
Incident Energy (MeV)

64-Gd-148

MAT 6413

(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-148



6

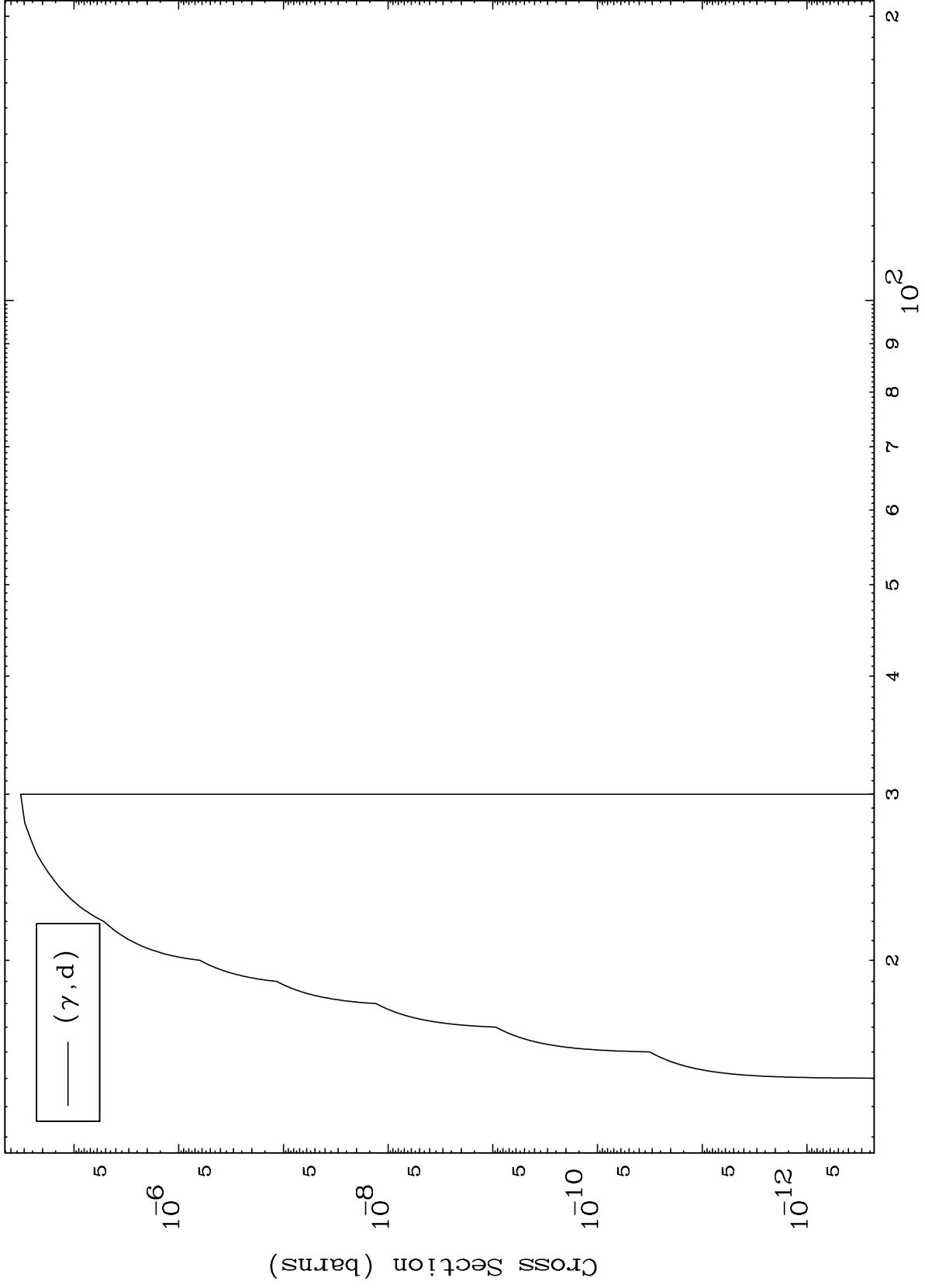
Incident Energy (MeV)

64-Gd-148

MAT 6413

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-148



7

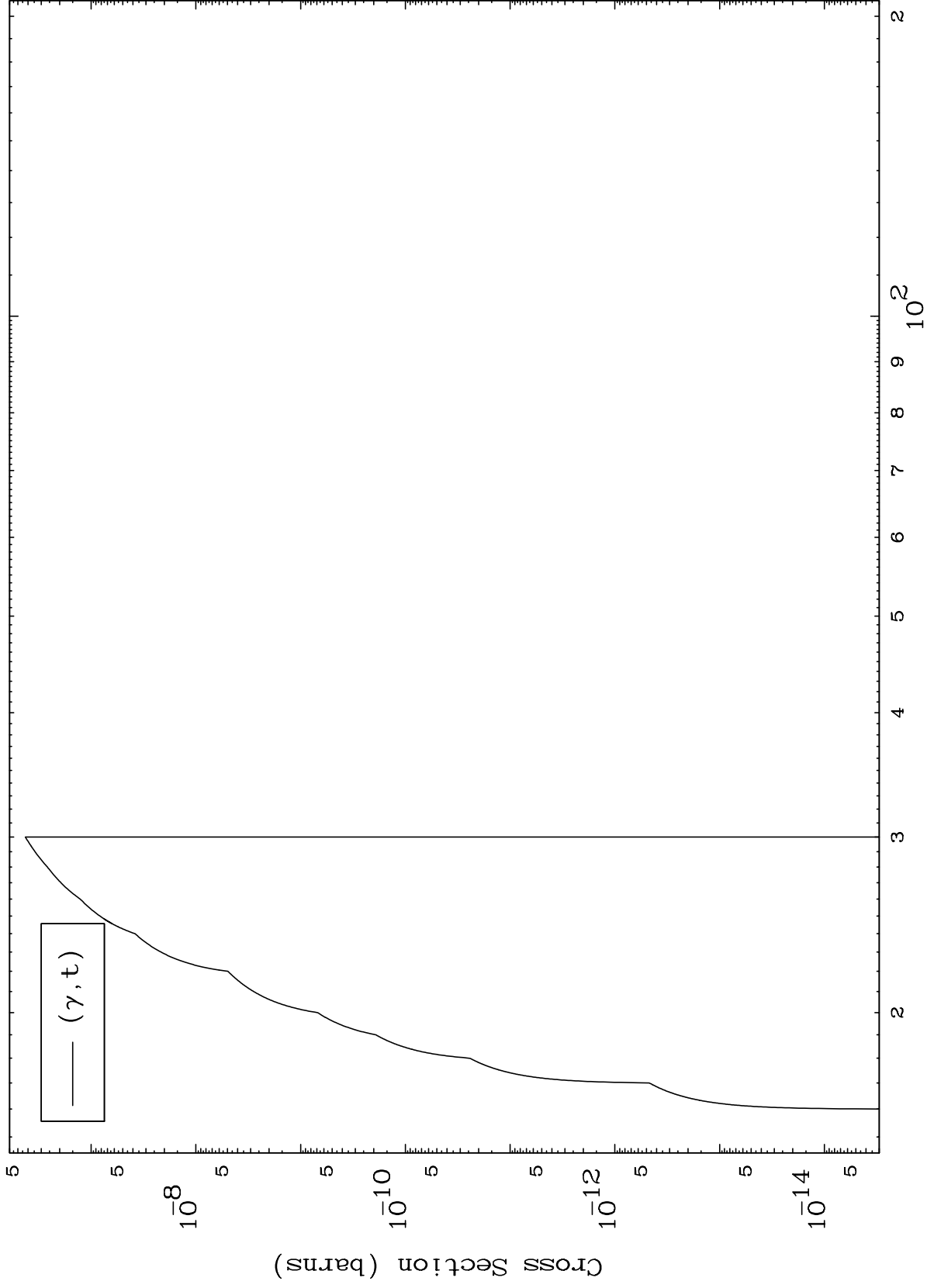
Incident Energy (MeV)

64-Gd-148

MAT 6413

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-148

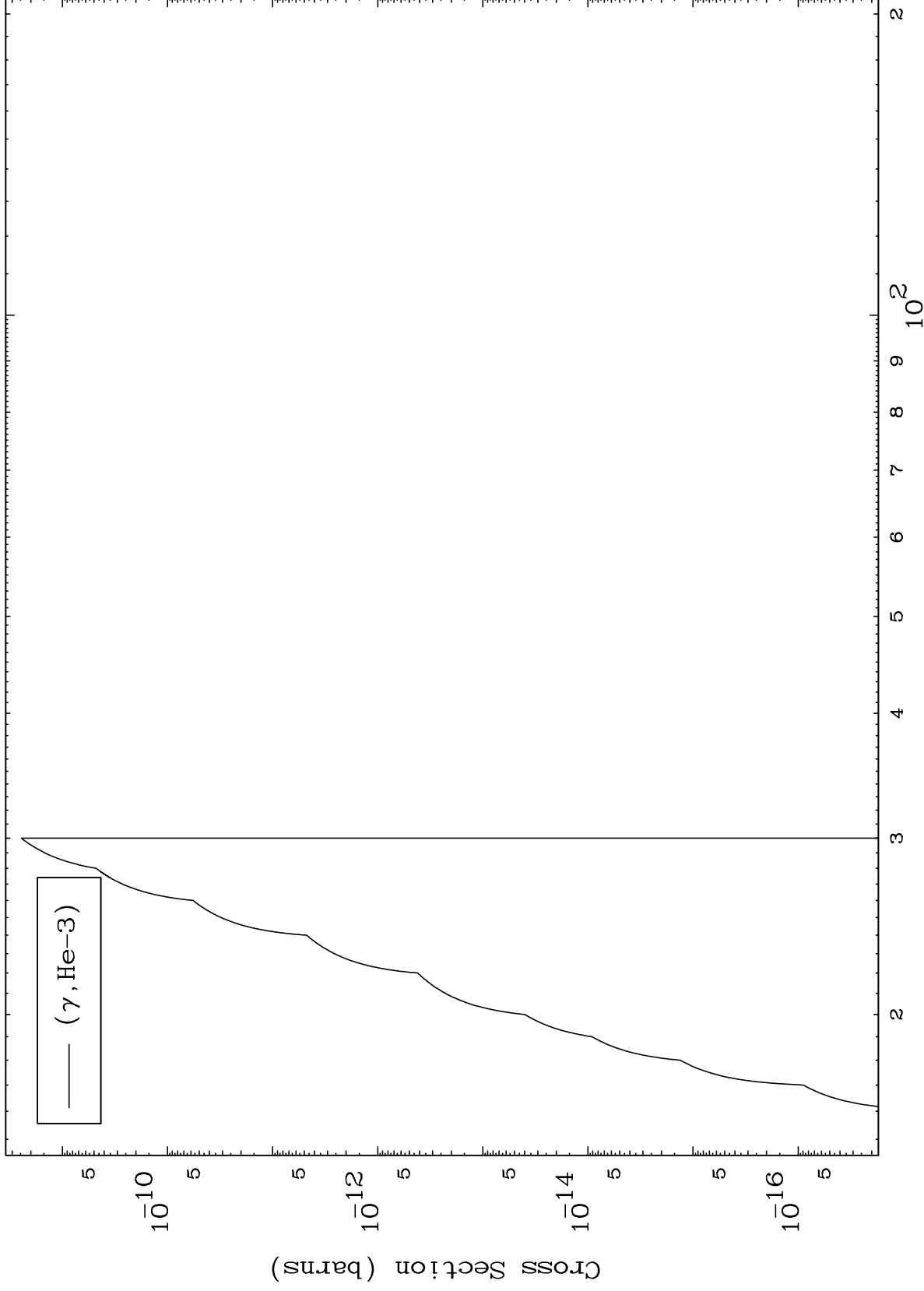


8

Incident Energy (MeV)

64-Gd-148

0 Kelvin Cross Sections

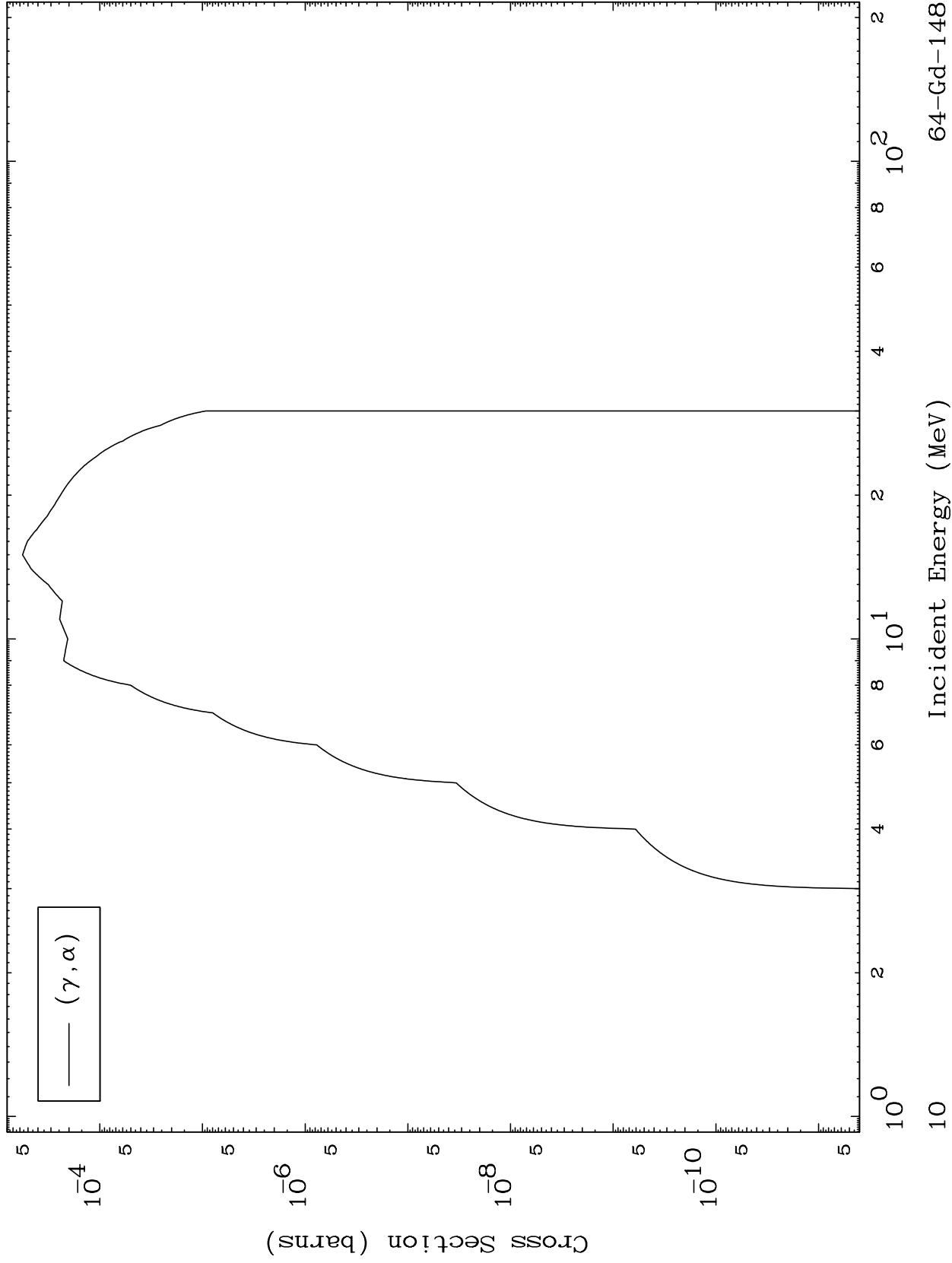


MAT 6413

(γ, α) Levels

64-Gd-148

0 Kelvin Cross Sections



64-Gd-148

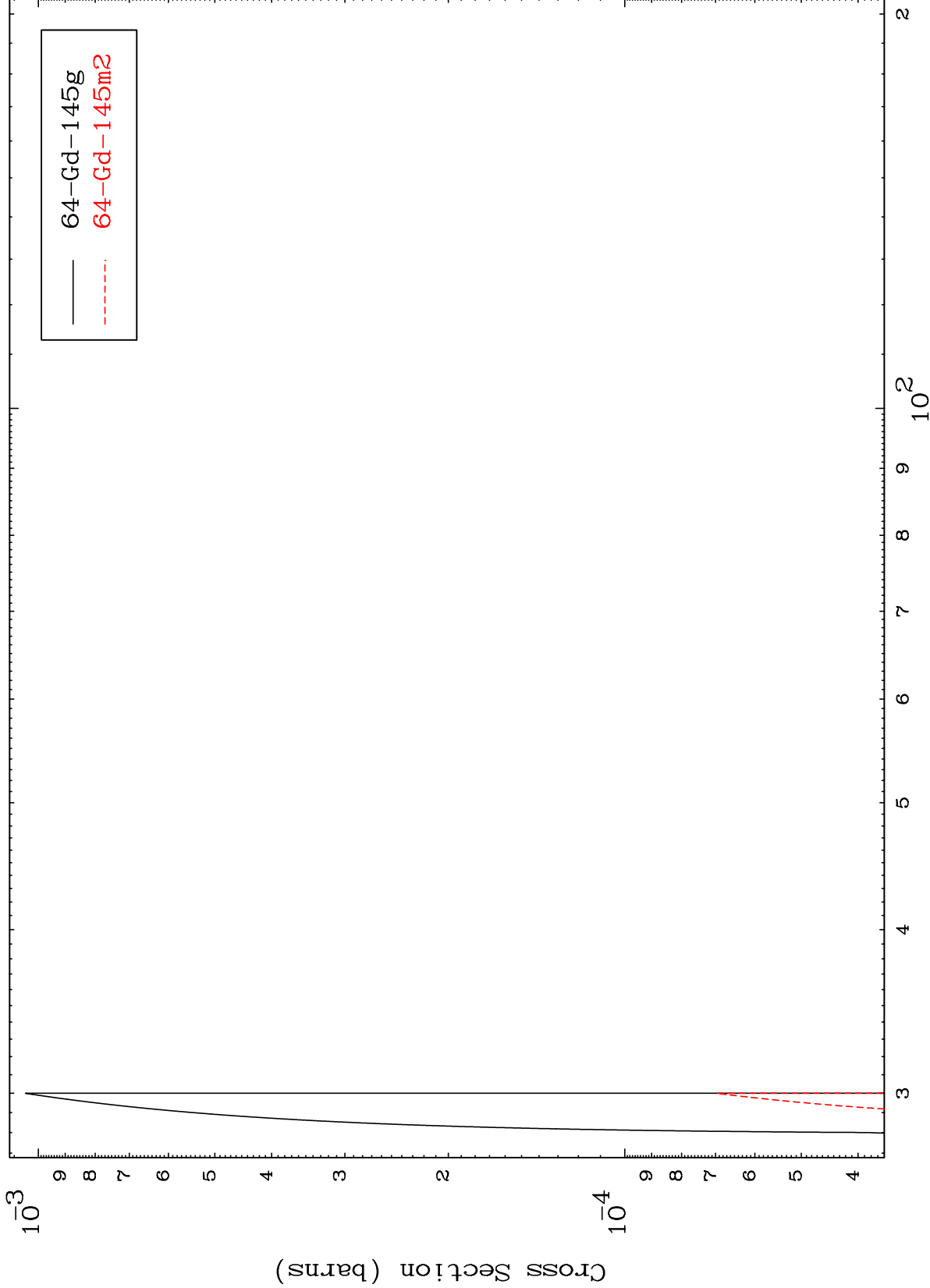
Incident Energy (MeV)

MAT 6413

($\gamma, 3n$)

64-Gd-148

Radionuclide Production Cross Section



11

Incident Energy (MeV)

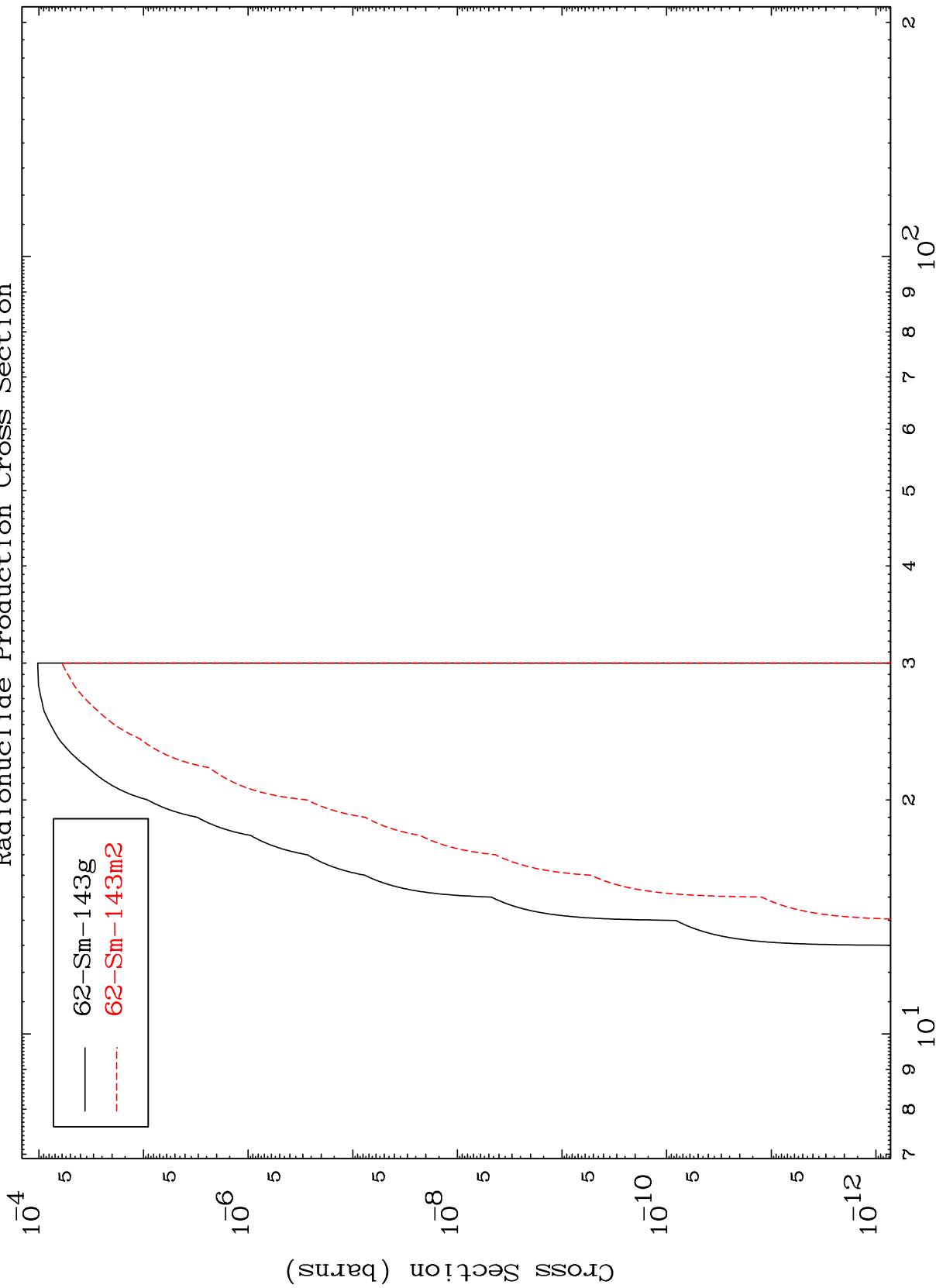
64-Gd-148

MAT 6413

(γ, n') α

64-Gd-148

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

12

Incident Energy (MeV)

64-Gd-148