

Program EVALPLOT
(Version 2018-1)

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

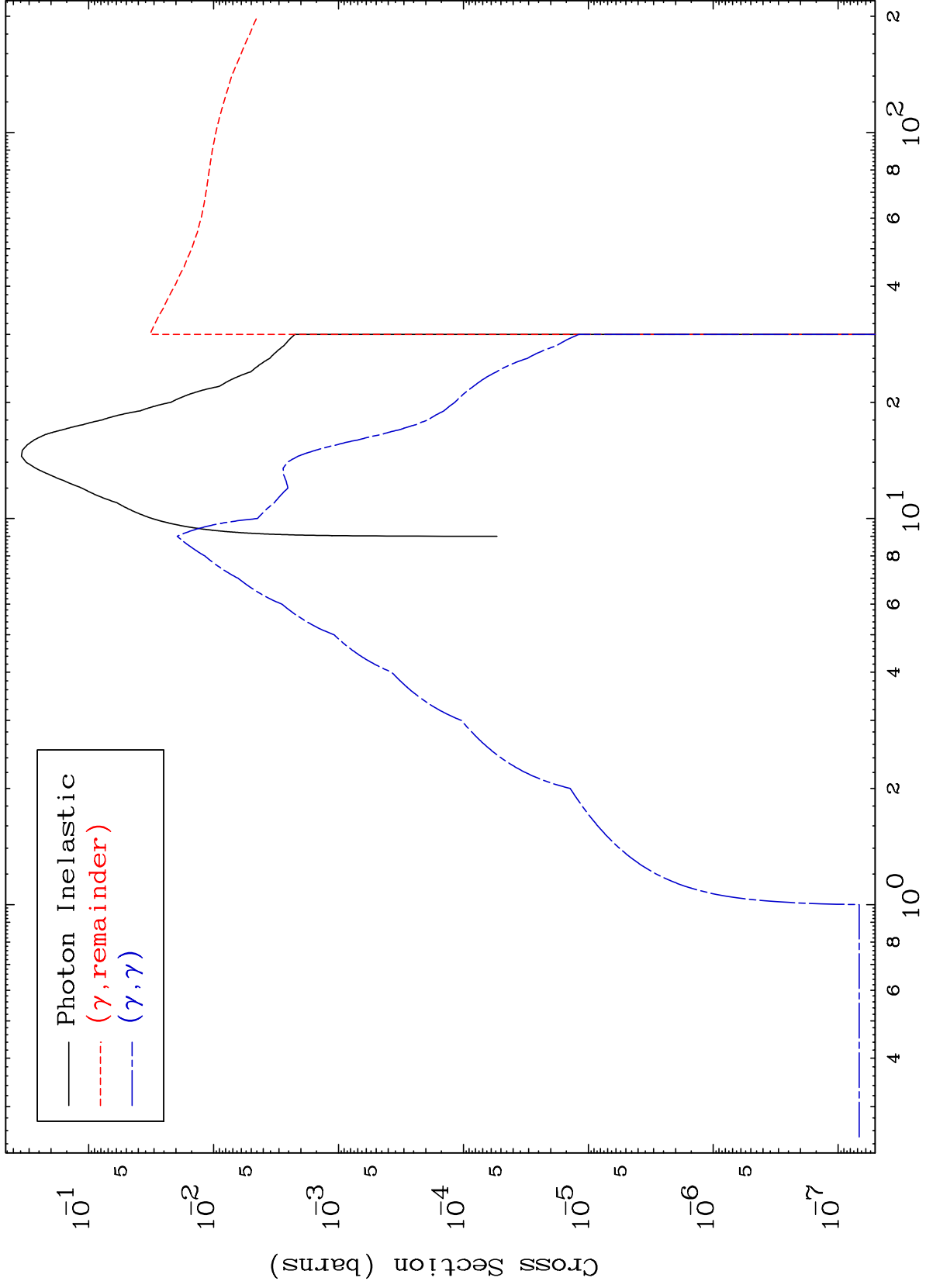
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6413

Photon Major
0 Kelvin Cross Sections

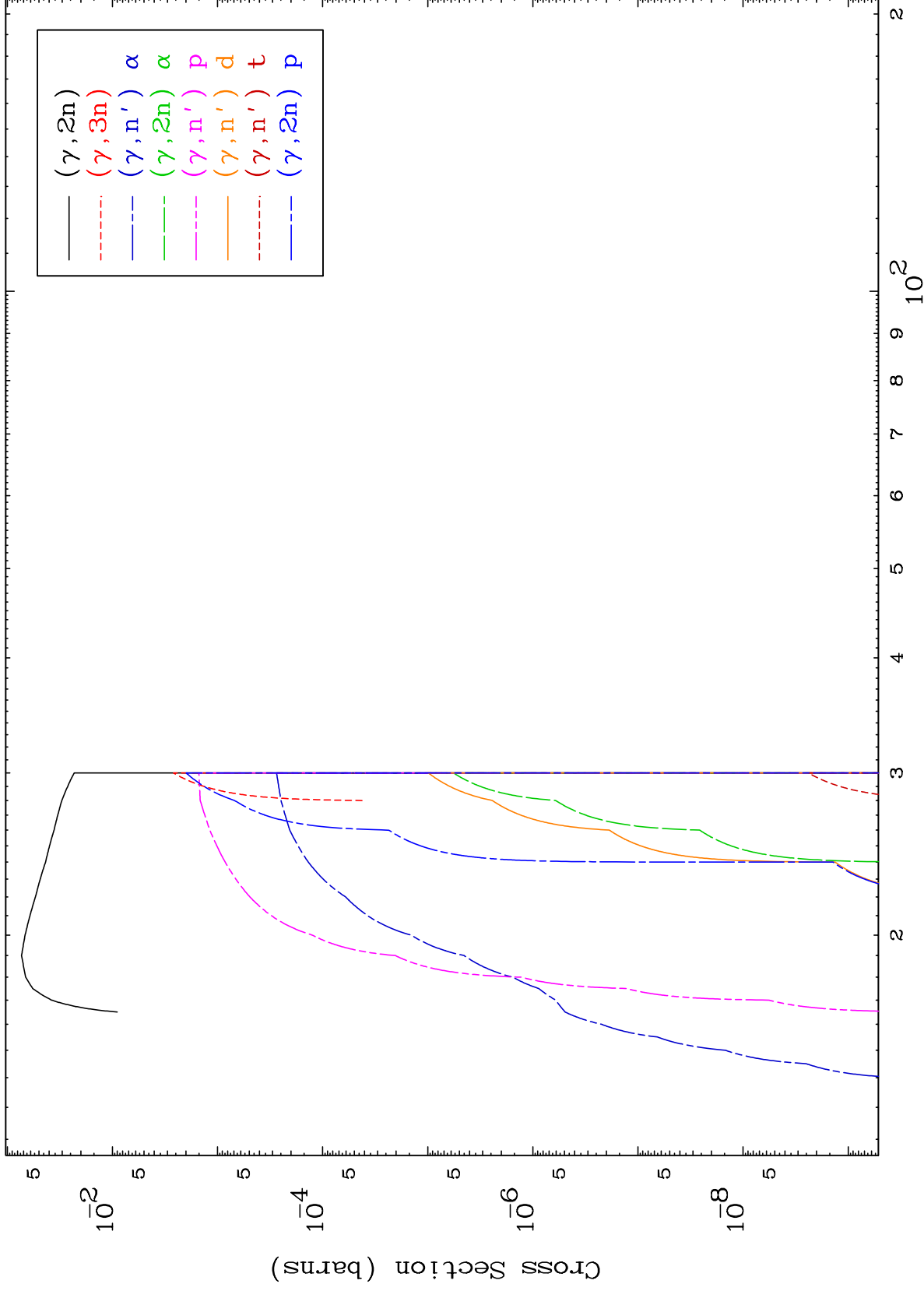
64-Gd-148



1

Incident Energy (MeV)

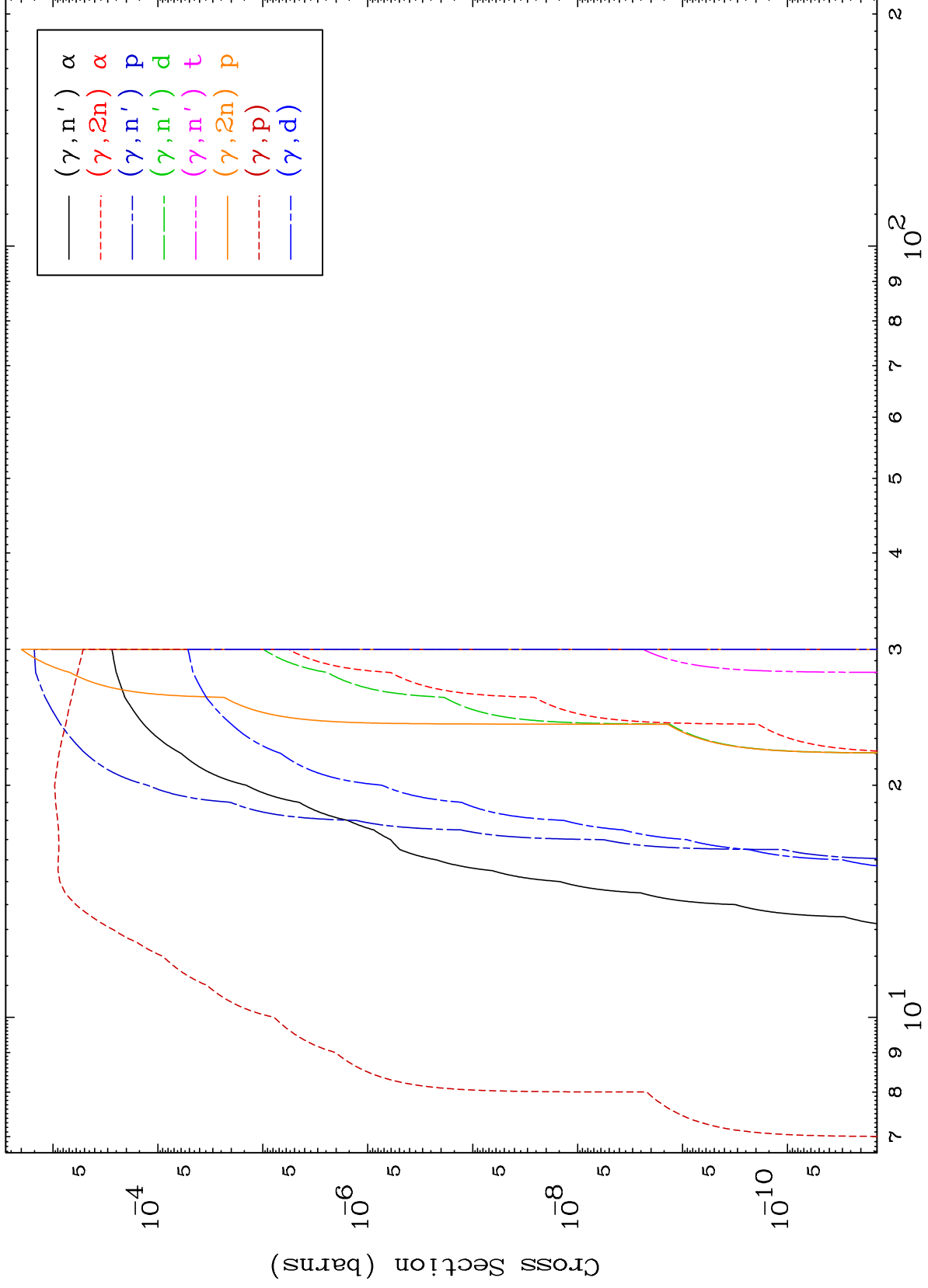
64-Gd-148



MAT 6413

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-148



3

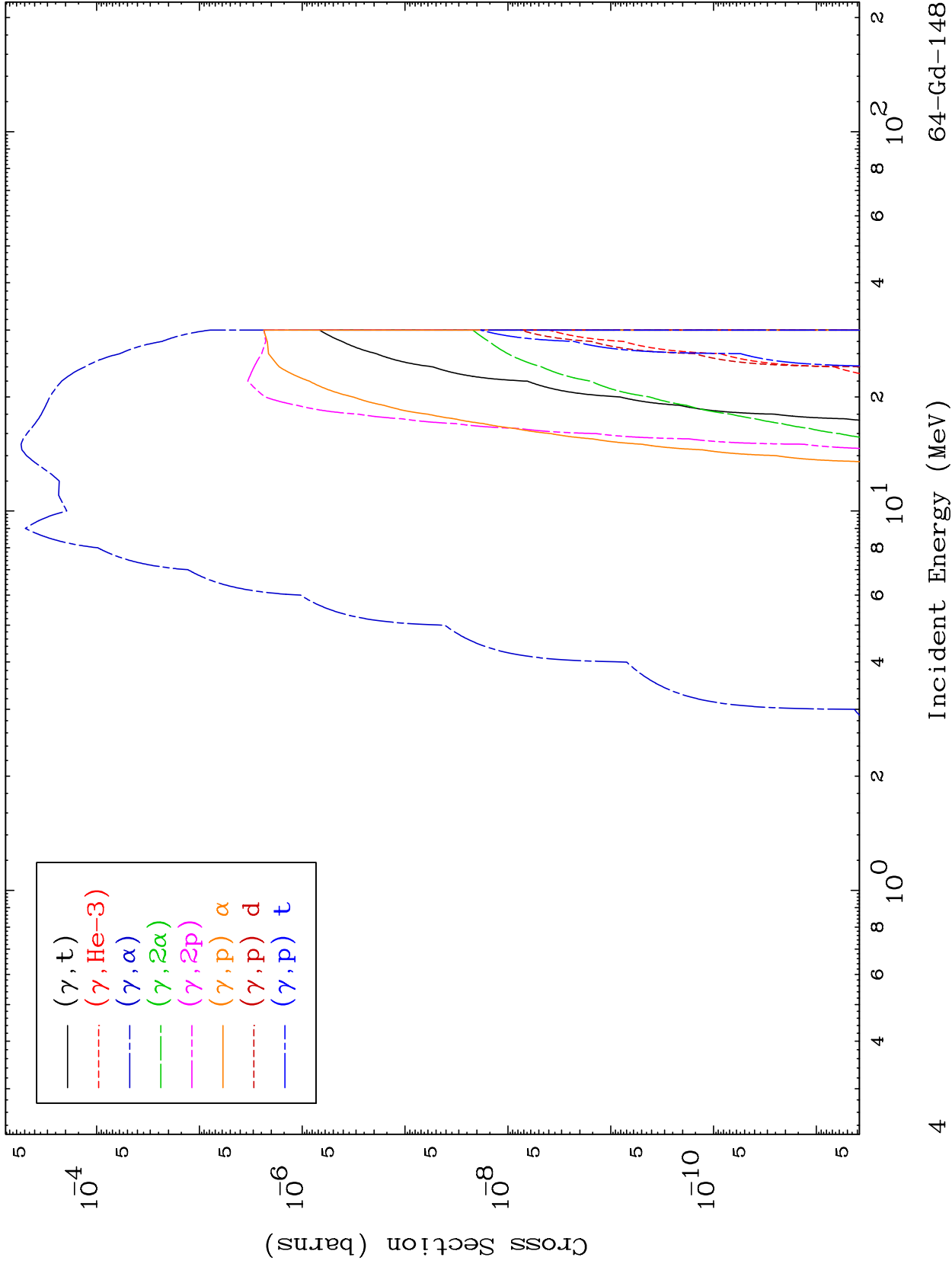
Incident Energy (MeV)

64-Gd-148

MAT 6413

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-148

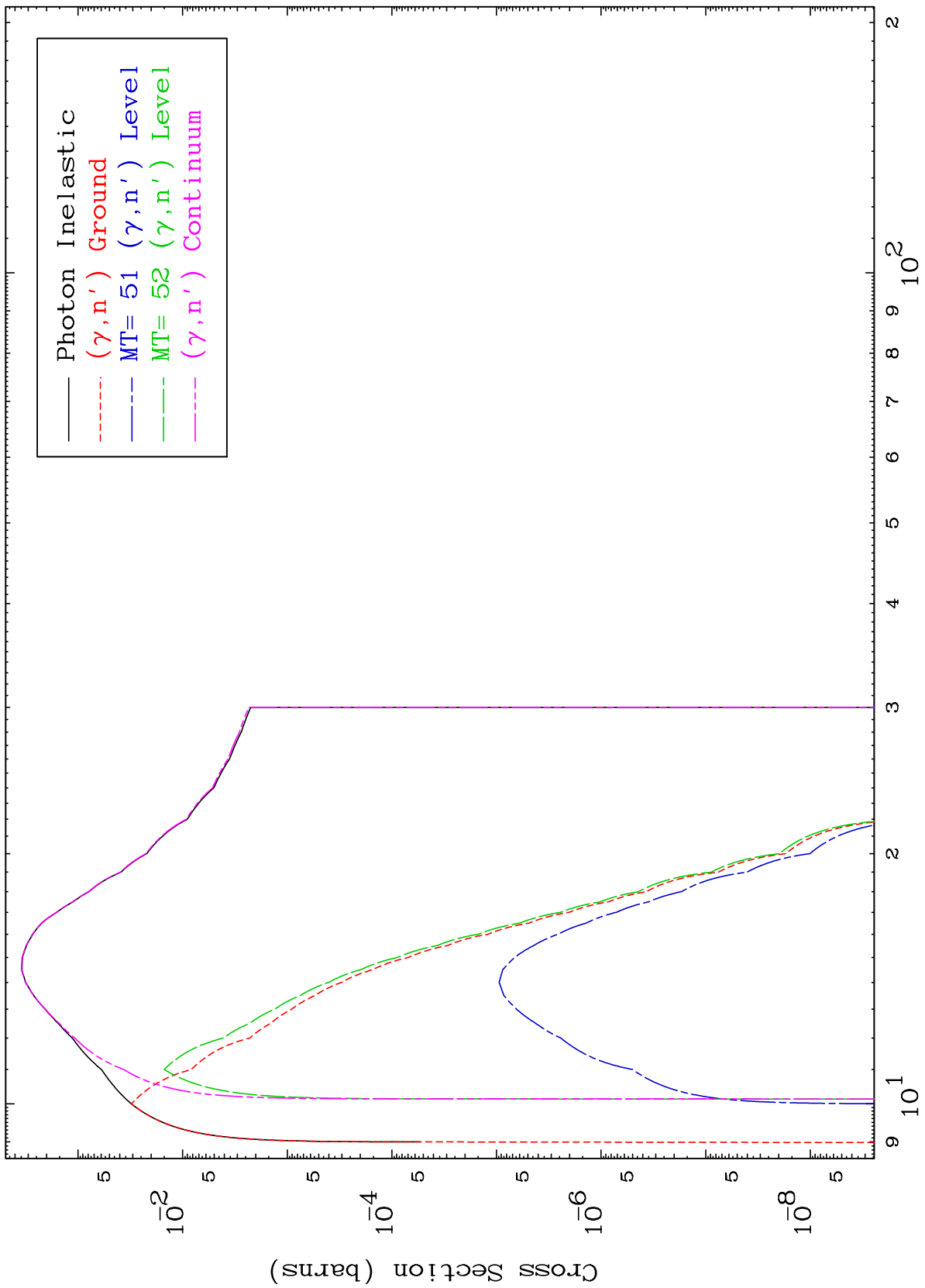


MAT 6413

(γ, n') Level

64-Gd-148

0 Kelvin Cross Sections



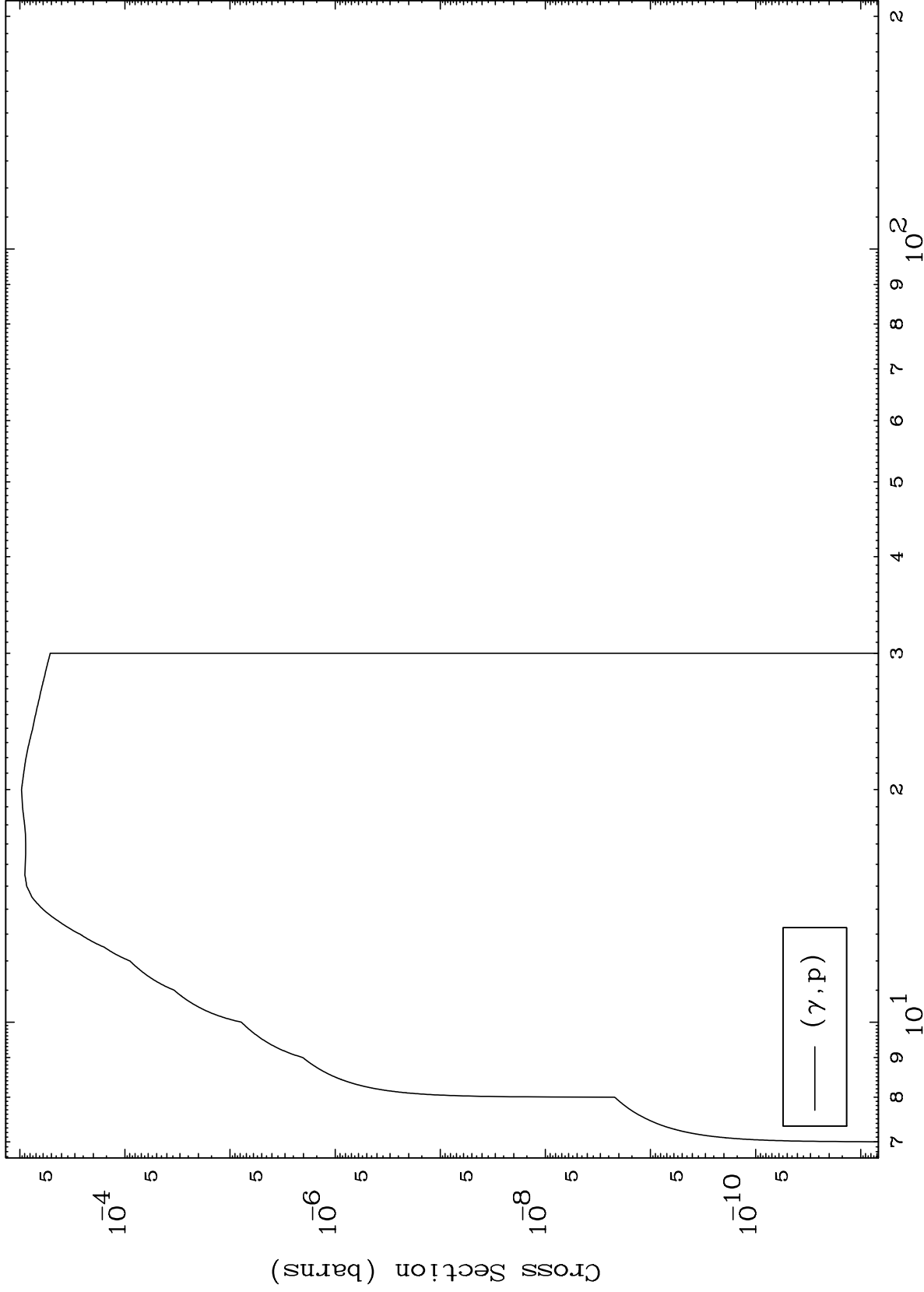
Incident Energy (MeV)

64-Gd-148

MAT 6413

(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-148



6

Incident Energy (MeV)

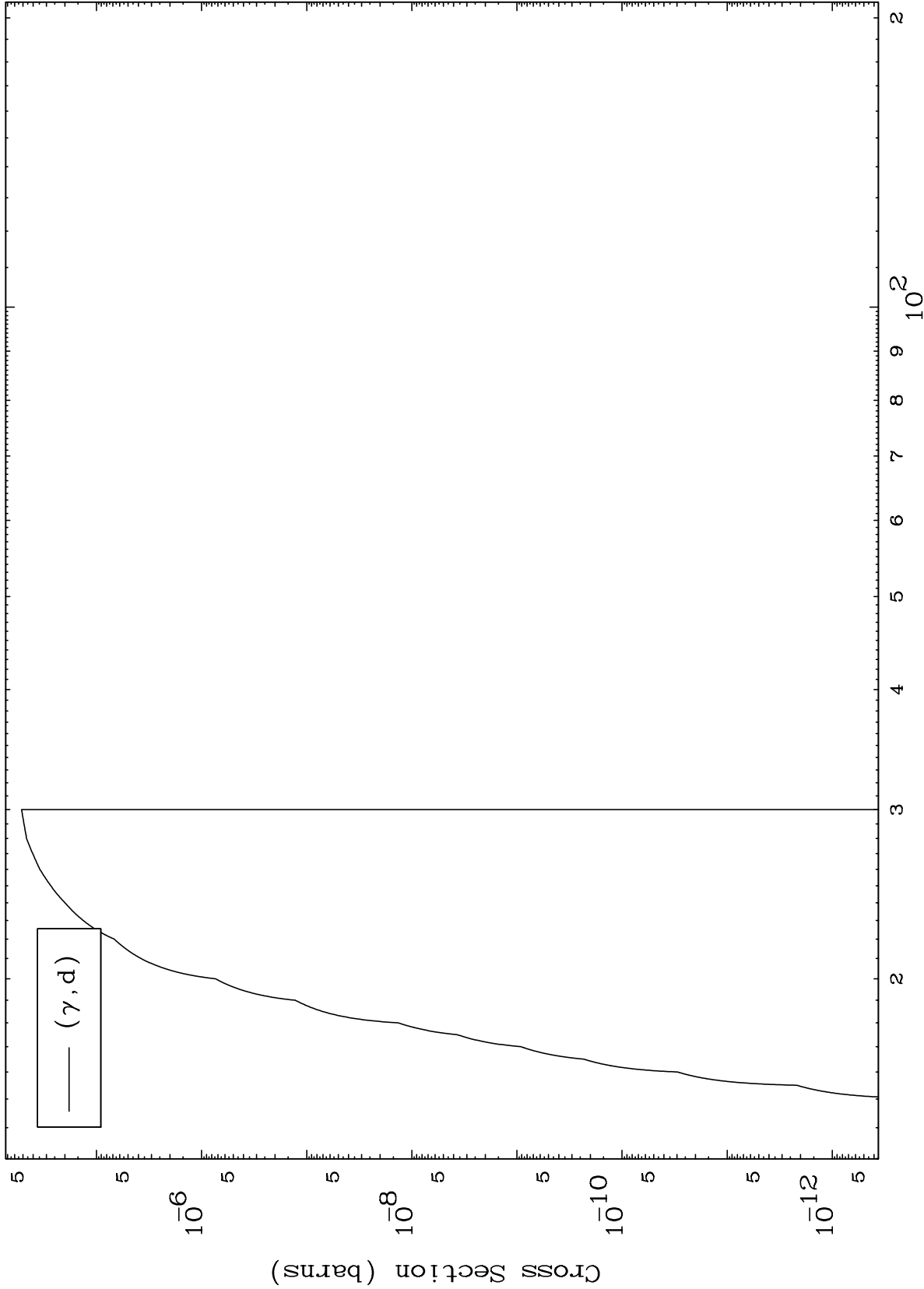
64-Gd-148

MAT 6413

(γ, d) Levels

64-Gd-148

0 Kelvin Cross Sections



7

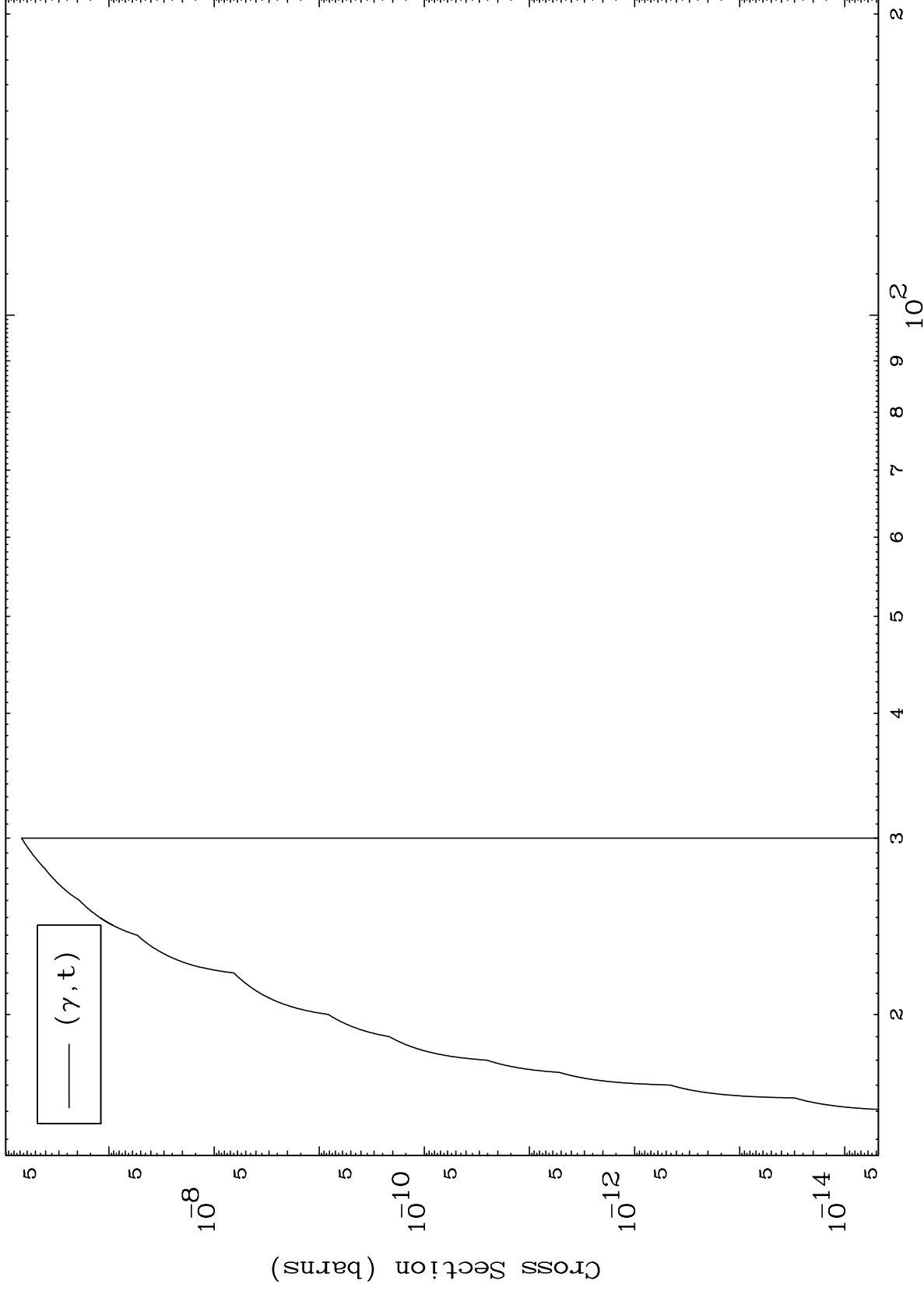
Incident Energy (MeV)

64-Gd-148

MAT 6413

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-148



8

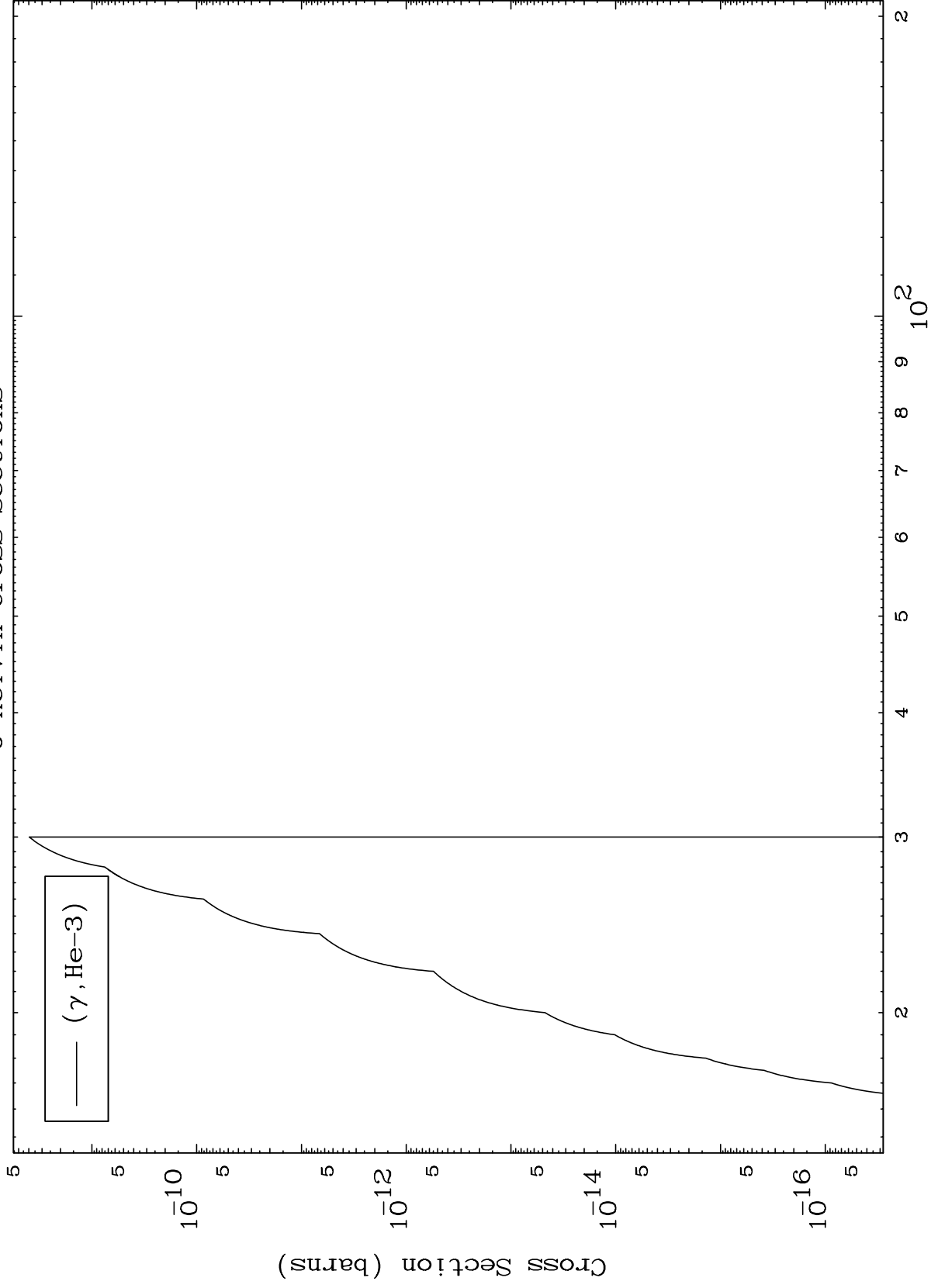
Incident Energy (MeV)

64-Gd-148

MAT 6413

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

64-Gd-148



9

Incident Energy (MeV)

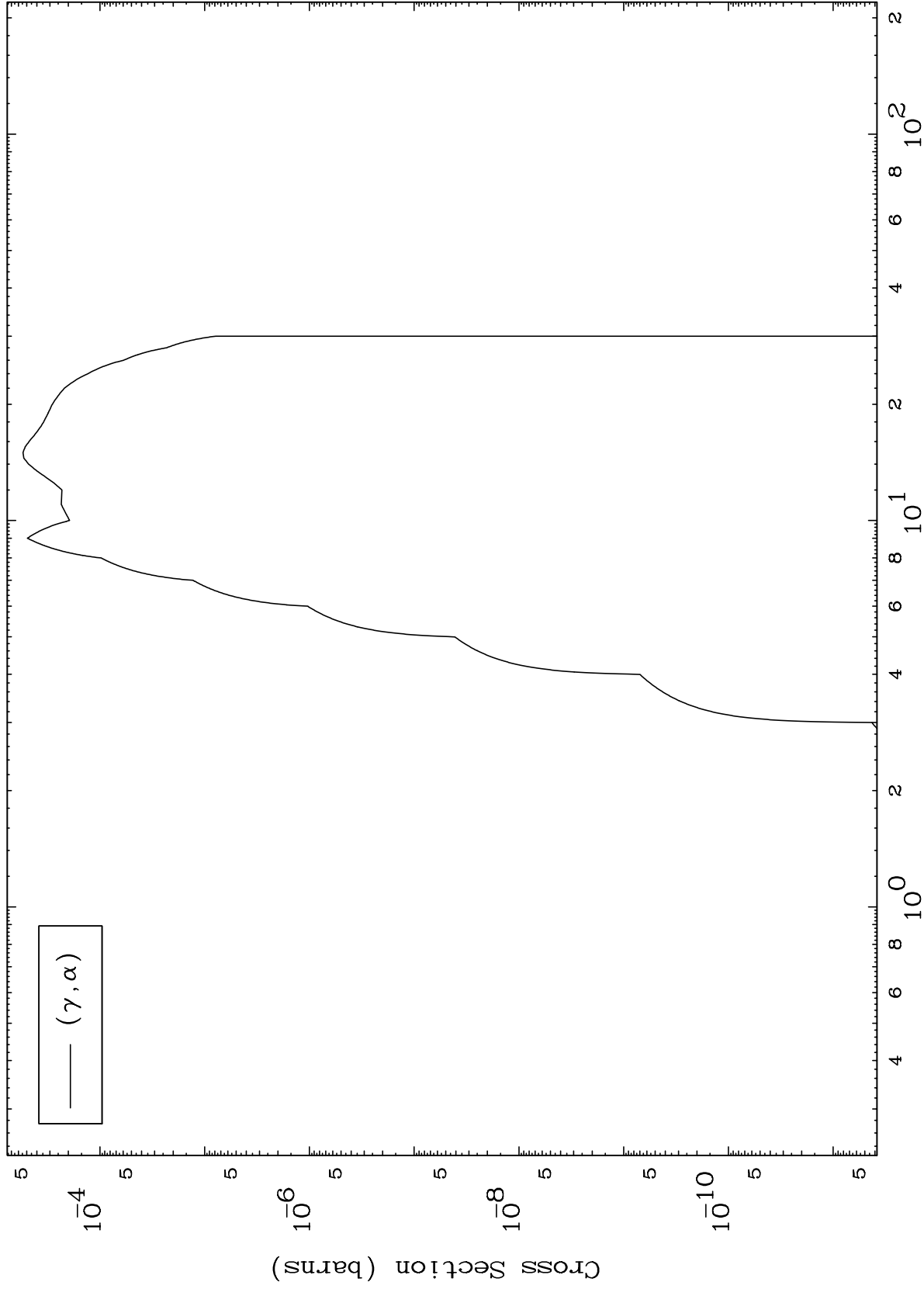
64-Gd-148

MAT 6413

(γ, α) Levels

64-Gd-148

0 Kelvin Cross Sections



10

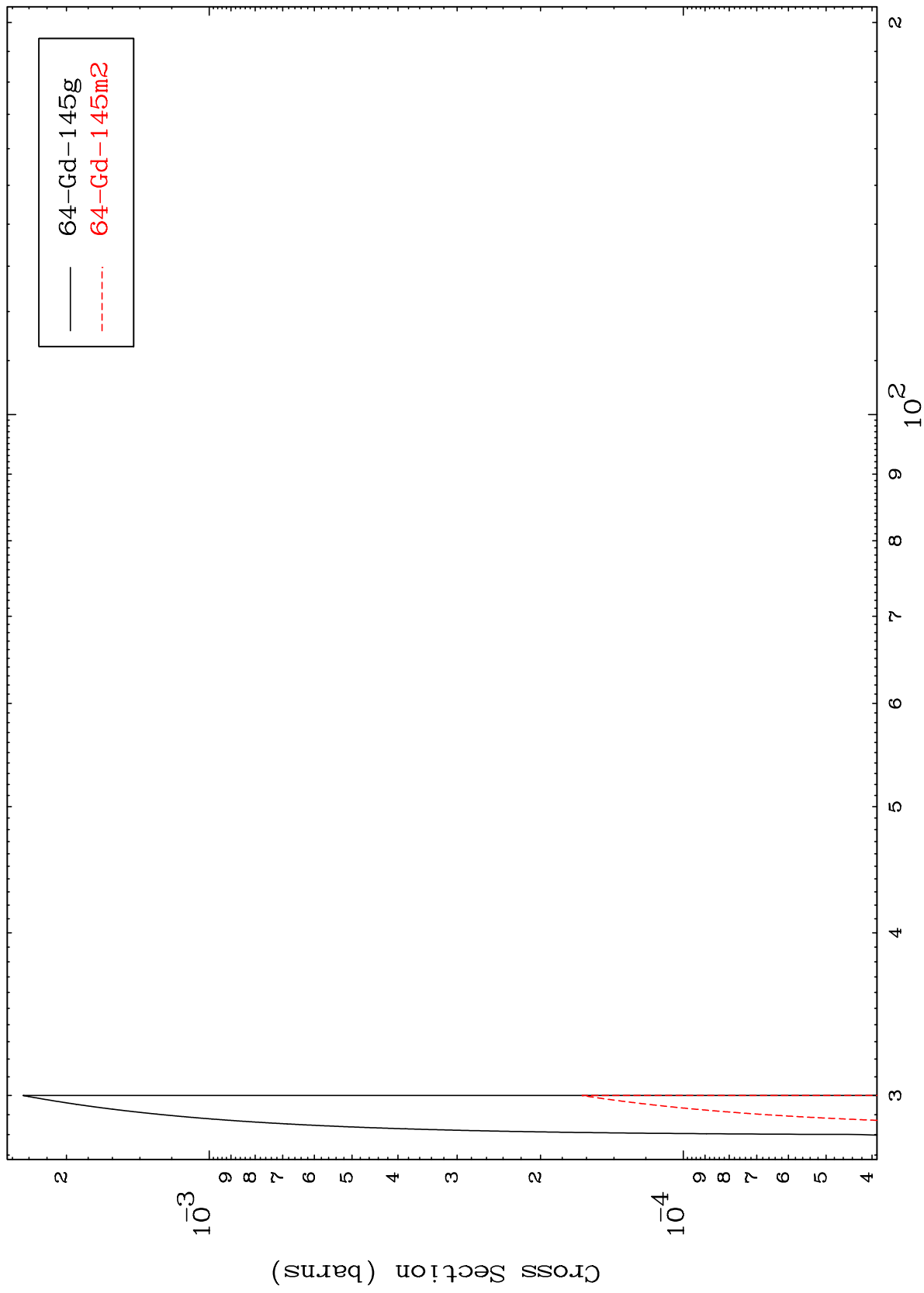
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

($\gamma, 3n$)
Radionuclide Production Cross Section



64-Gd-148

Incident Energy (MeV)

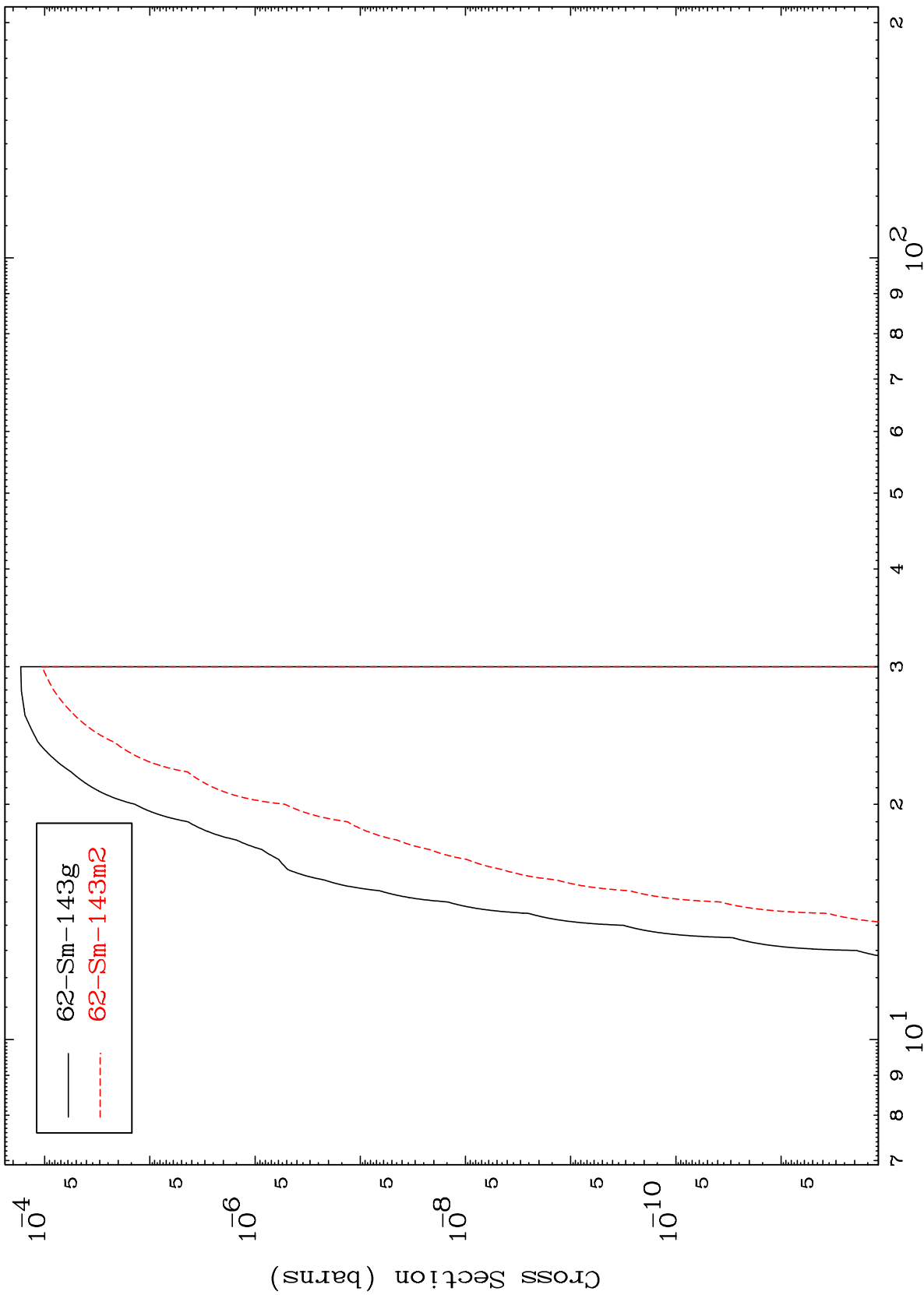
11

MAT 6413

(γ, n') α

64-Gd-148

Radionuclide Production Cross Section



12

Incident Energy (MeV)

64-Gd-148