

Program EVALPLOT
(Version 2021-1)

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

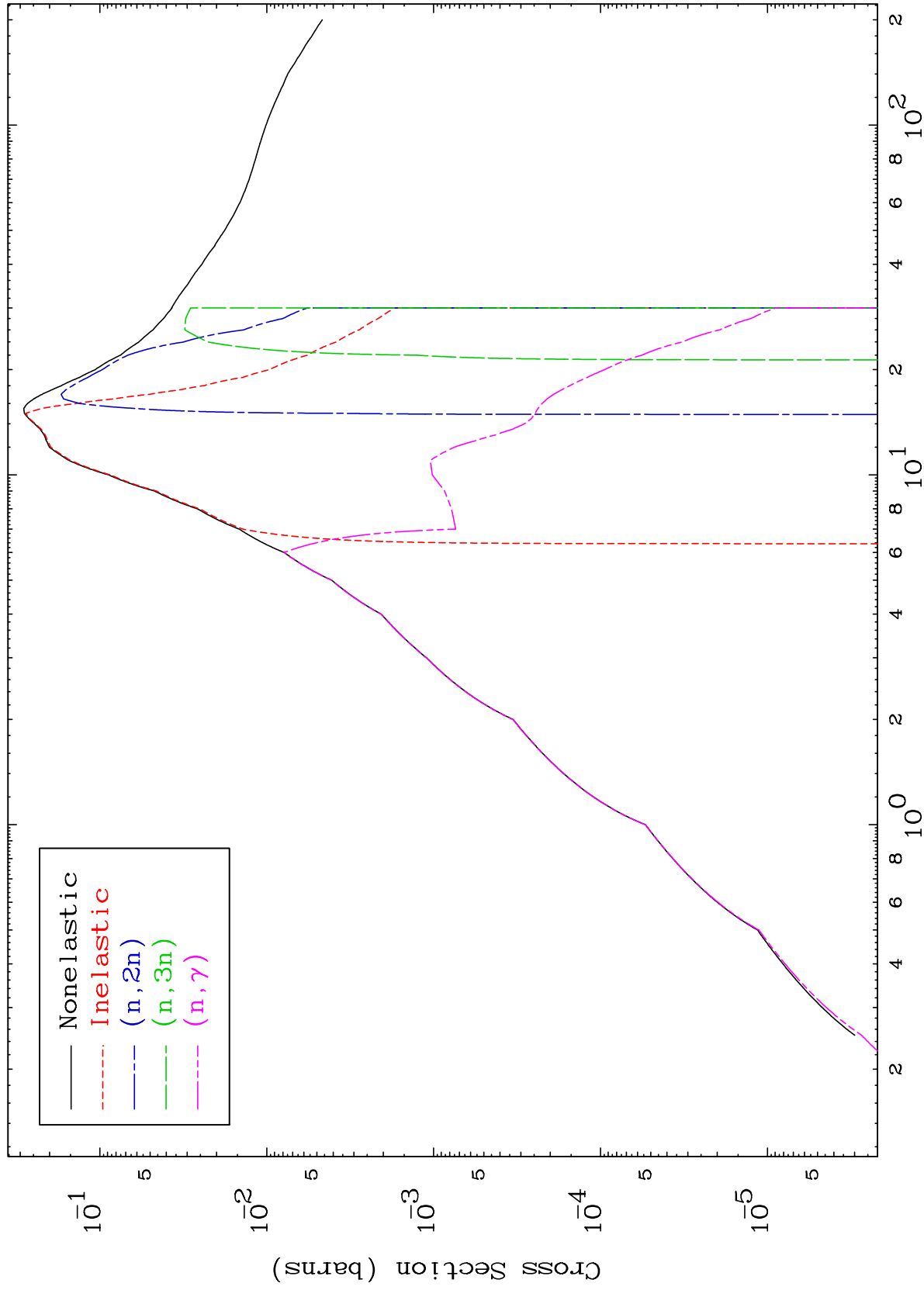
Press Mouse Button to Start

MAT 6440

Photon Major

64-Gd-157

0 Kelvin Cross Sections



1

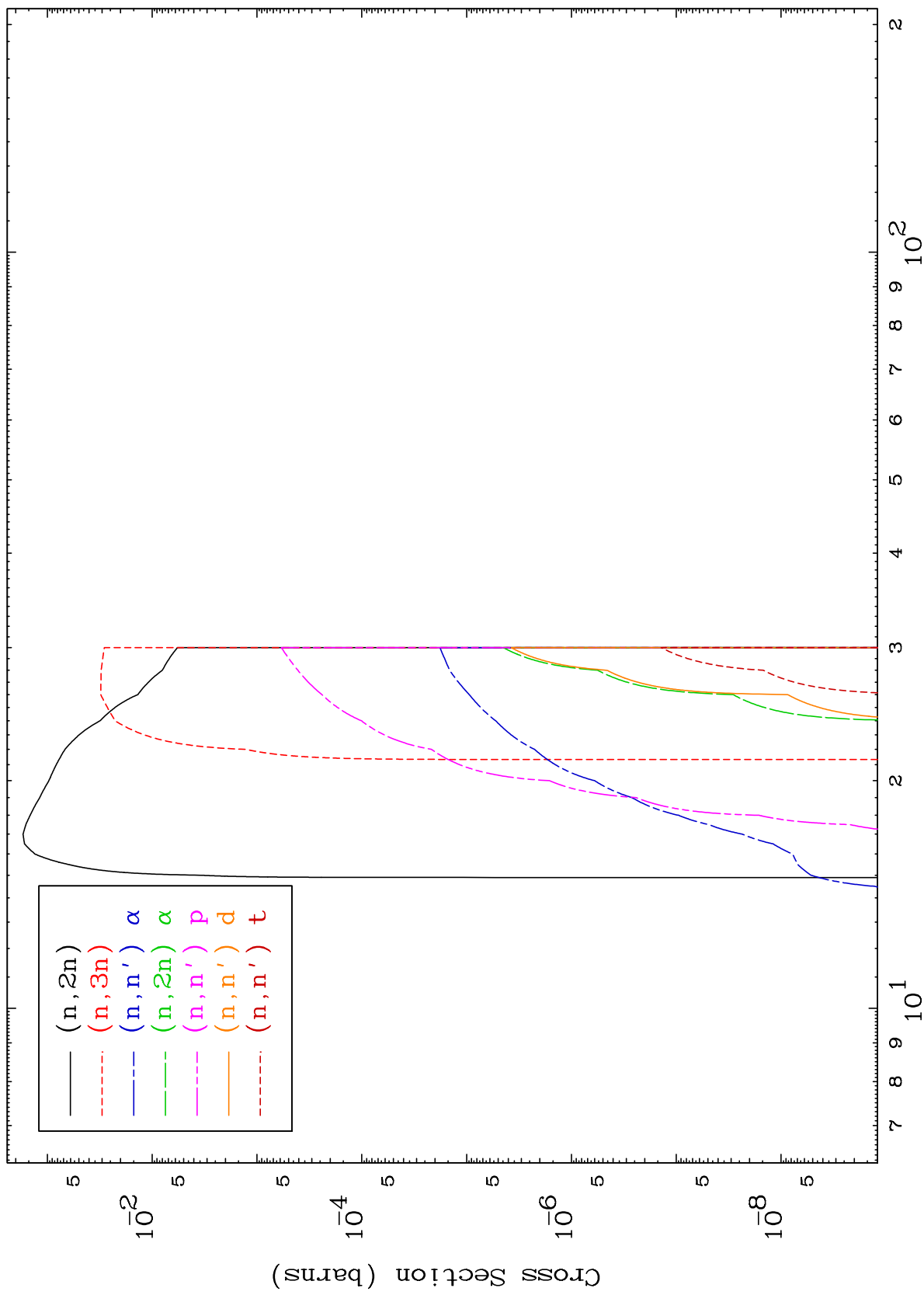
Incident Energy (MeV)

64-Gd-157

MAT 6440

Photon Neutron Absorption
0 Kelvin Cross Sections

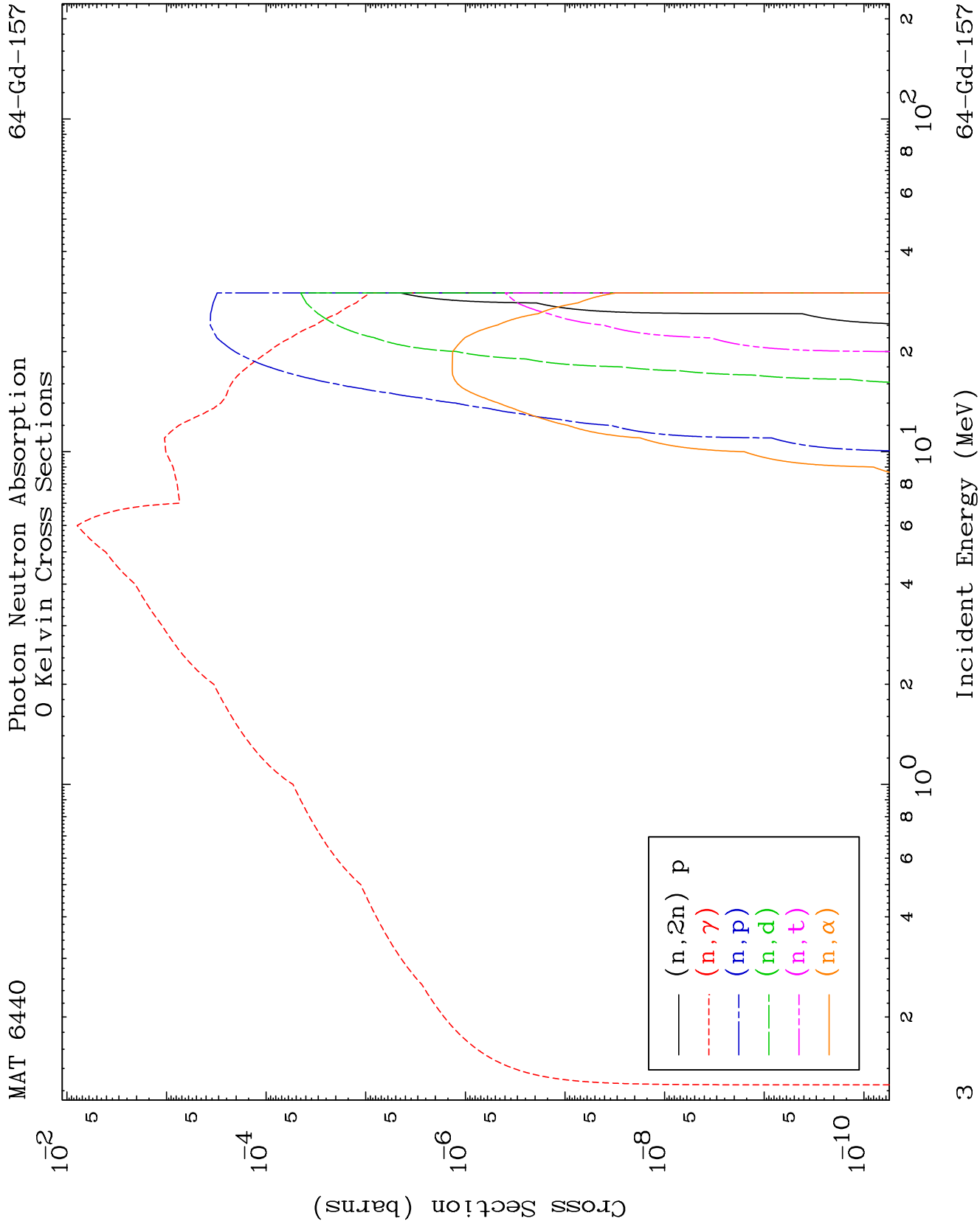
64-Gd-157



2

Incident Energy (MeV)

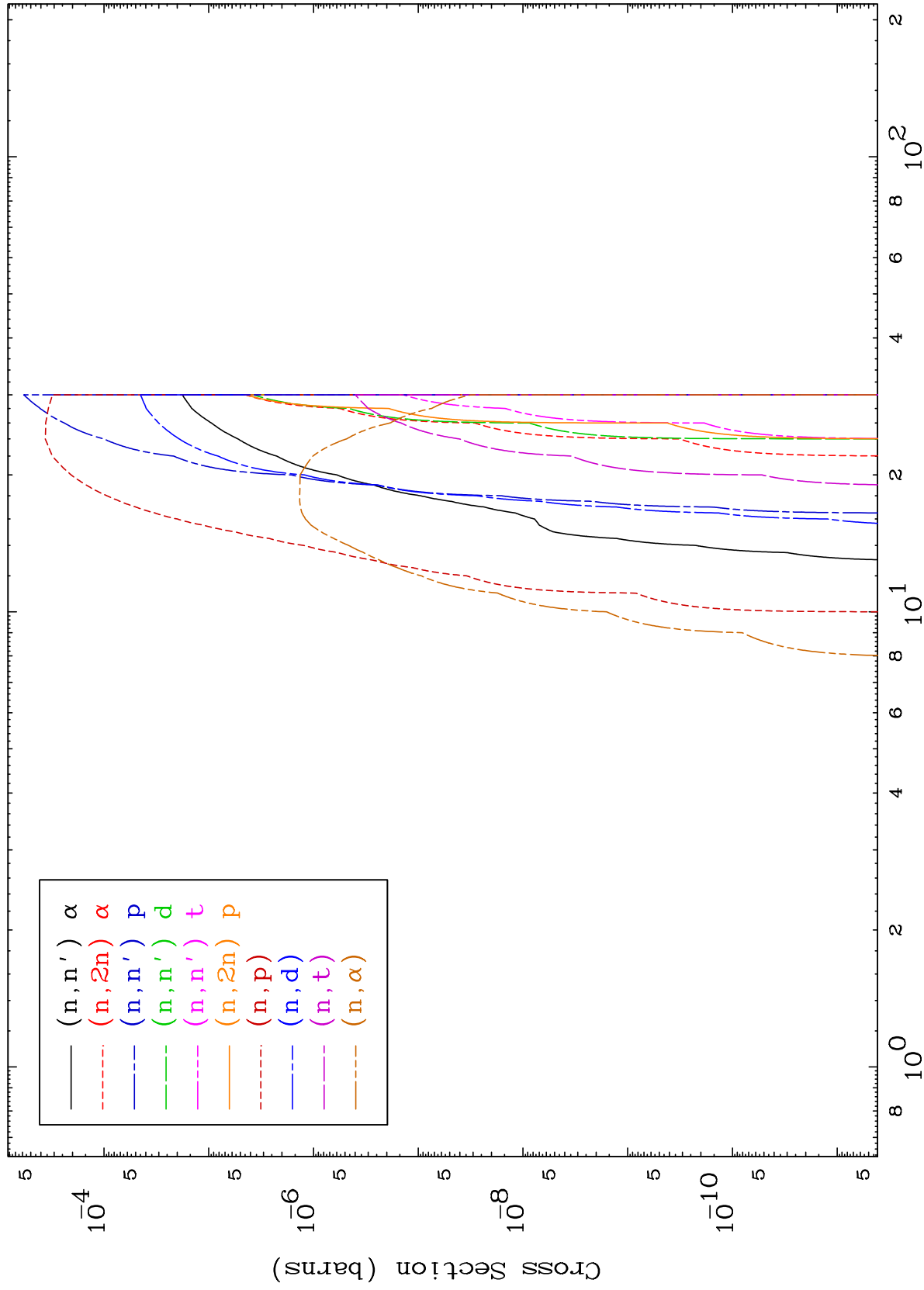
64-Gd-157



MAT 6440

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-157



4

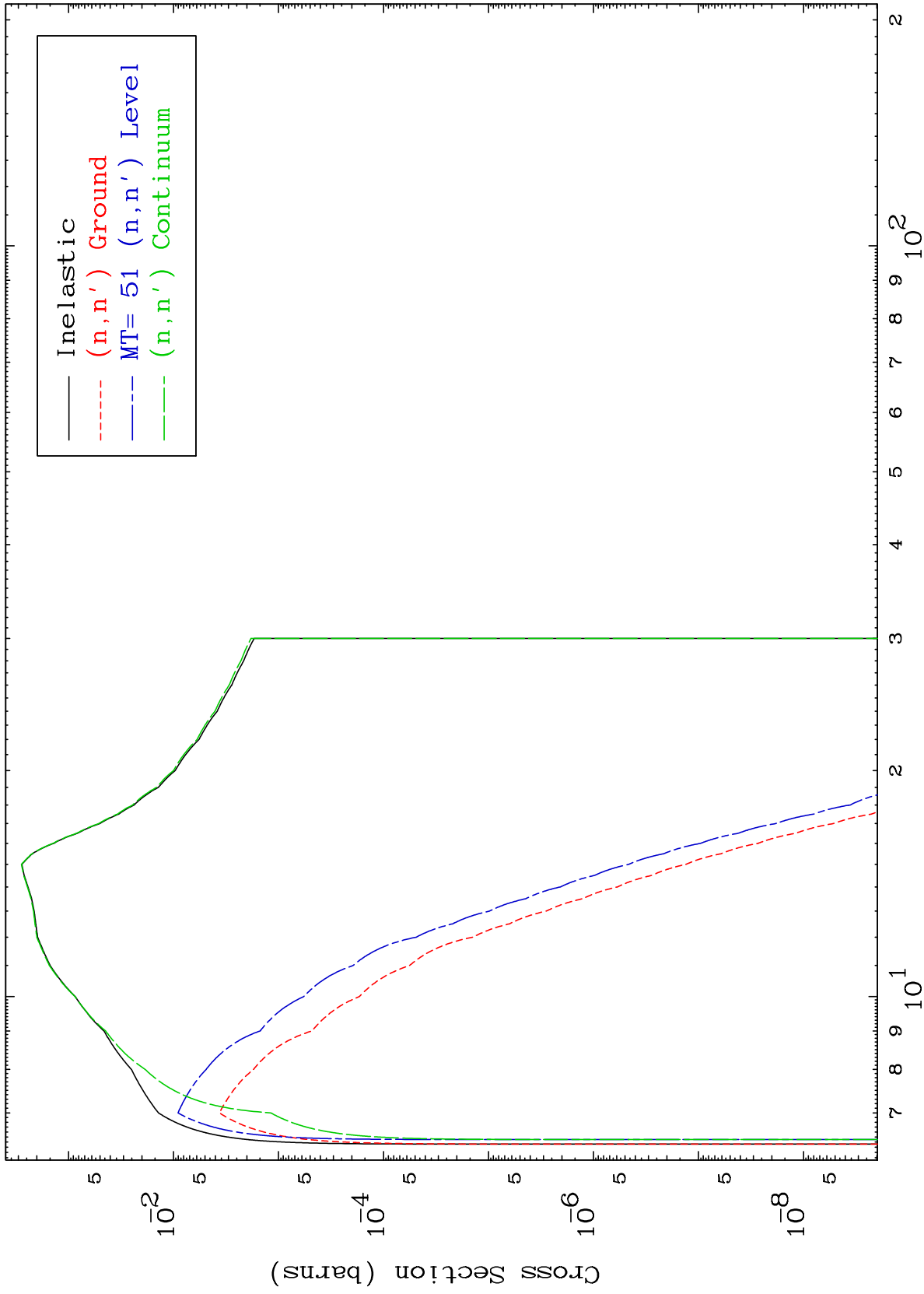
Incident Energy (MeV)

64-Gd-157

MAT 6440

(γ, n') Levels
0 Kelvin Cross Sections

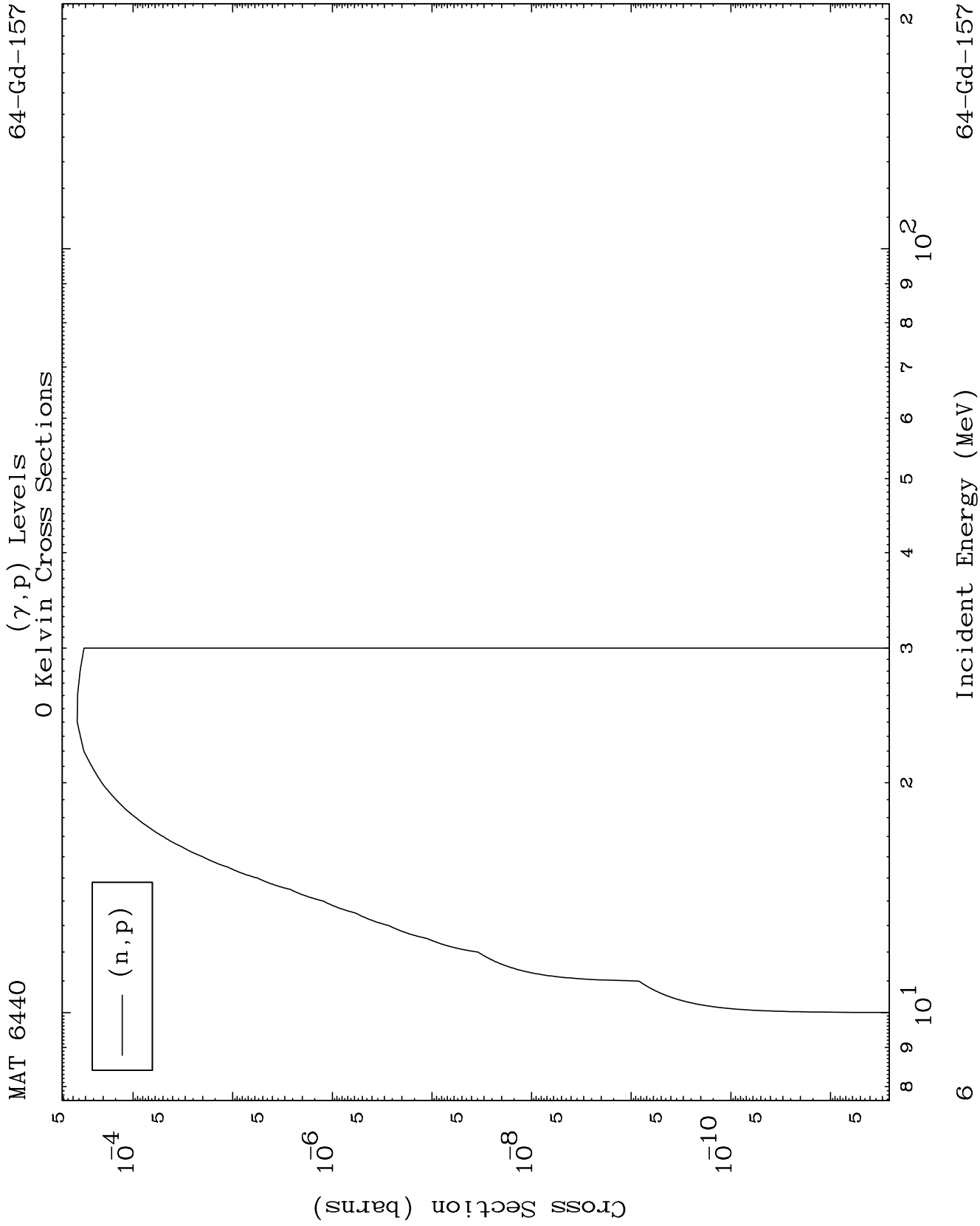
64-Gd-157



5

Incident Energy (MeV)

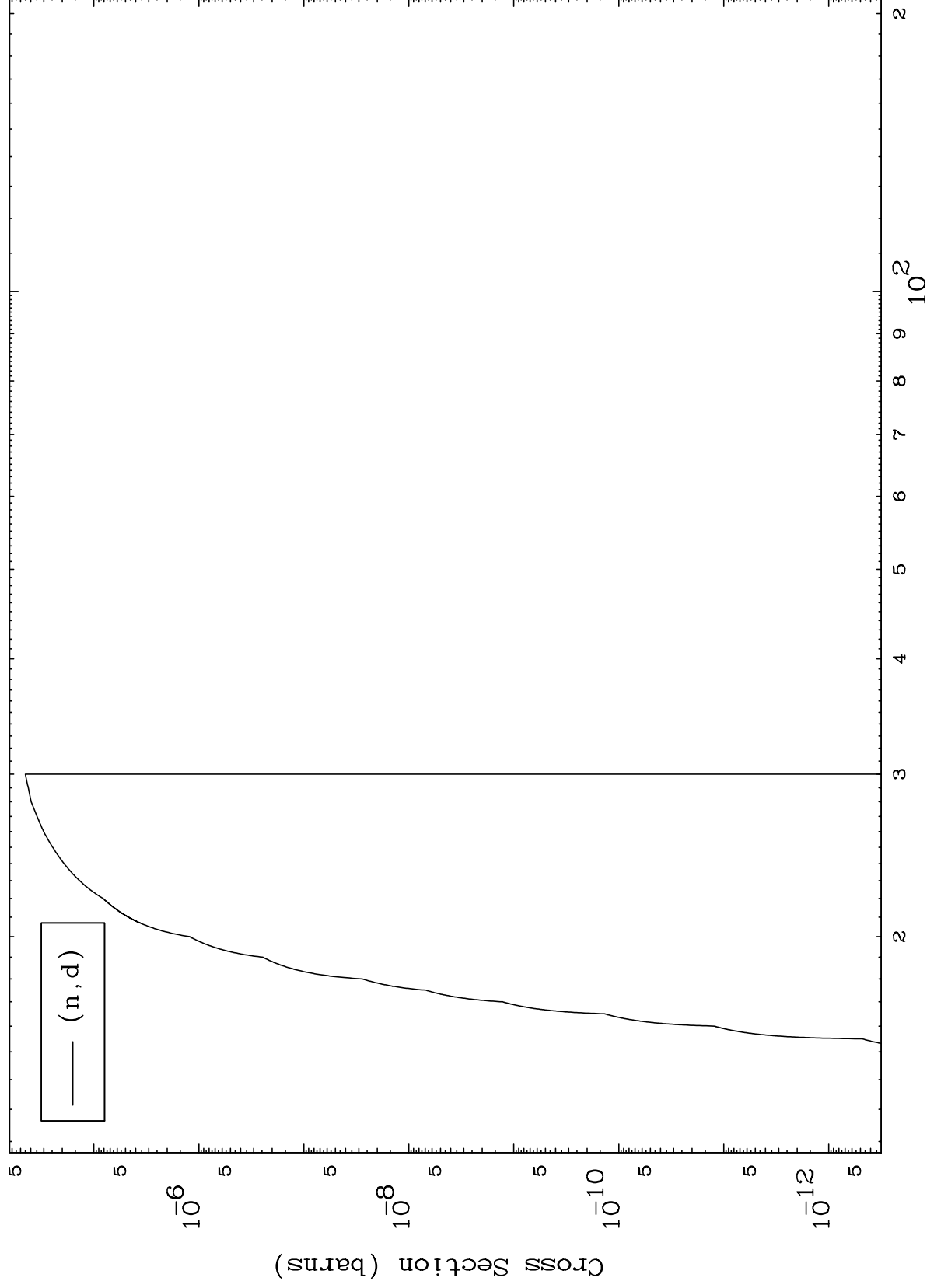
64-Gd-157



MAT 6440

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-157



7

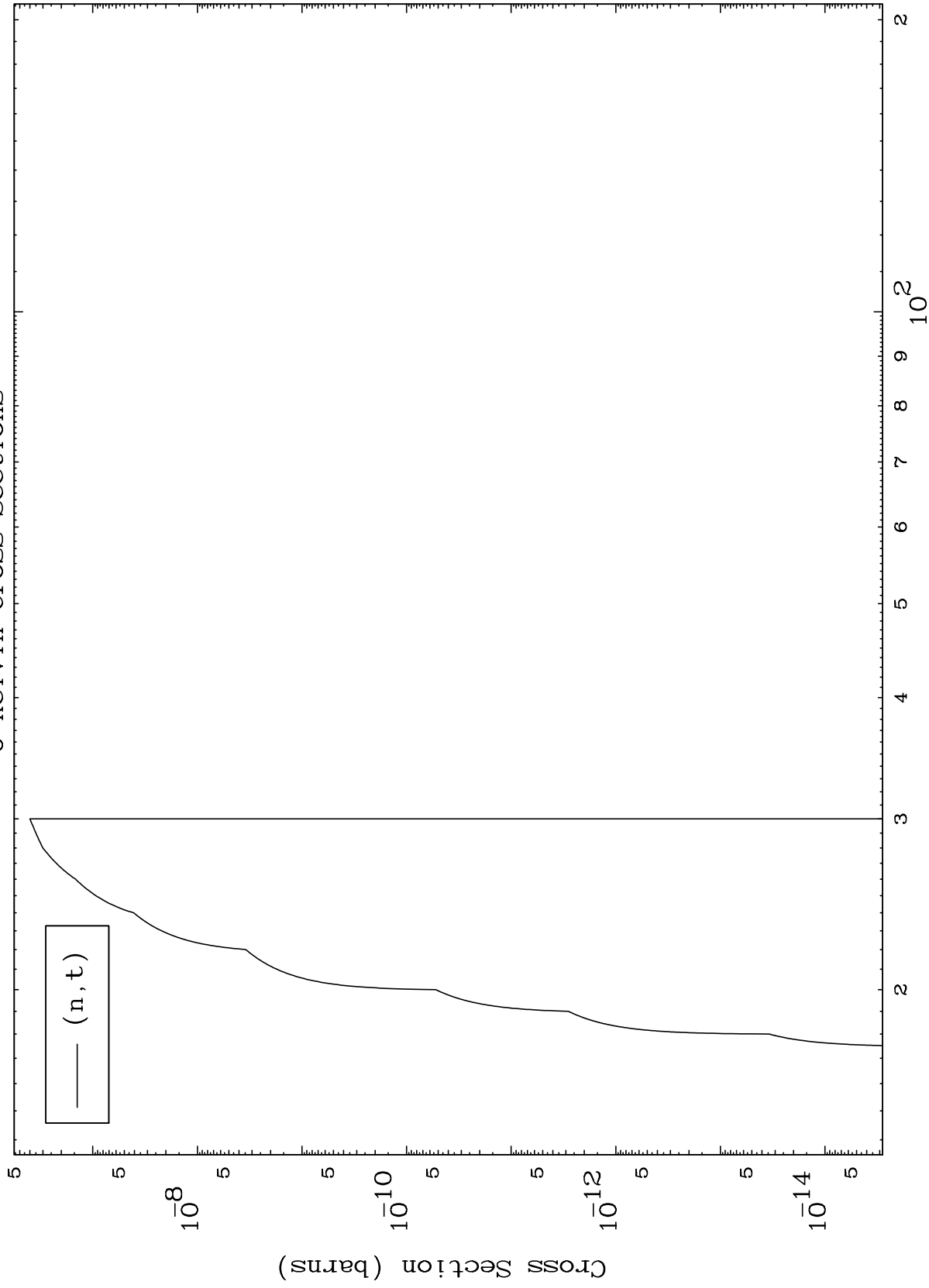
Incident Energy (MeV)

64-Gd-157

MAT 6440

64-Gd-157

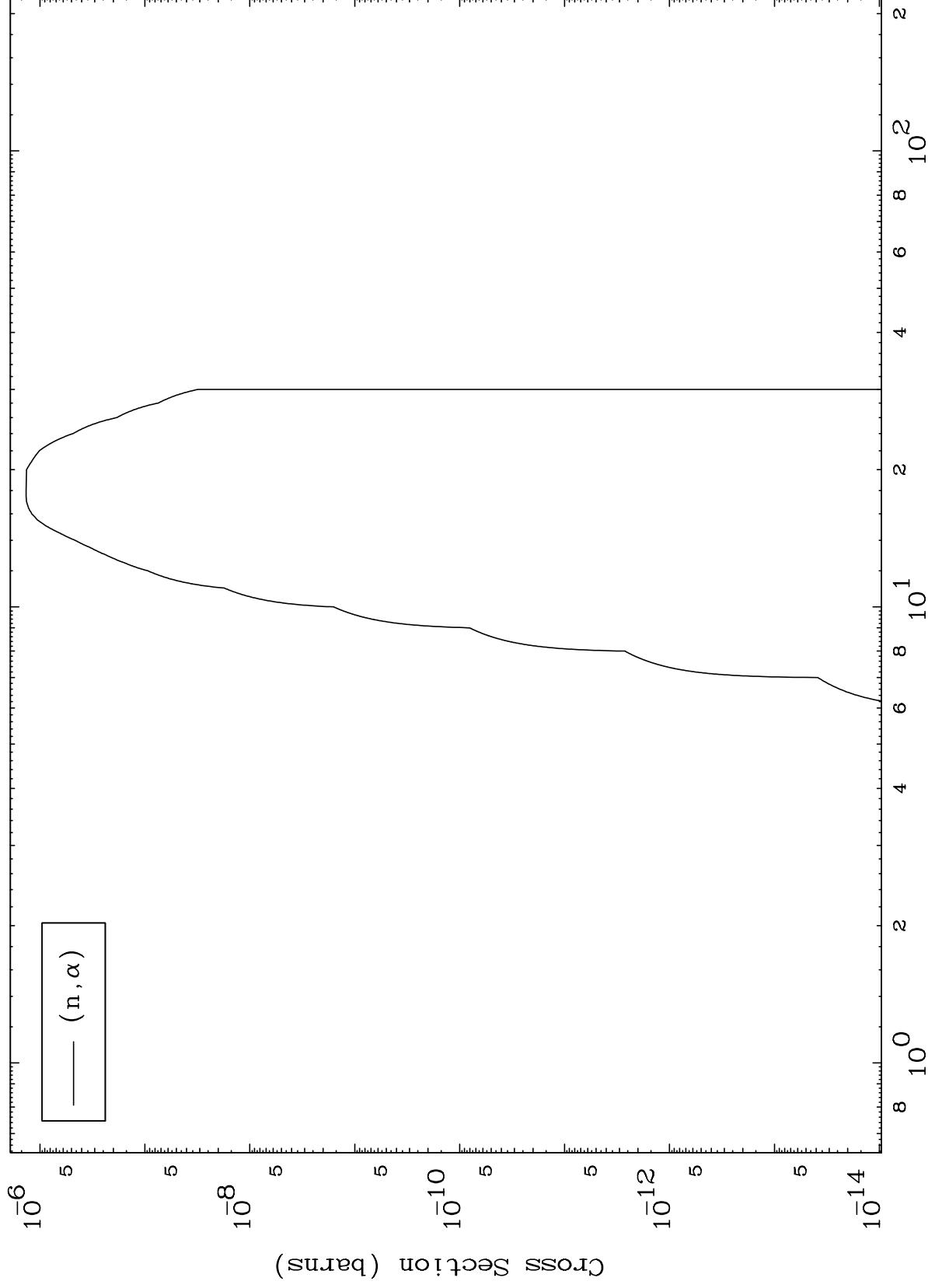
(γ, t) Levels
0 Kelvin Cross Sections



MAT 6440

64-Gd-157

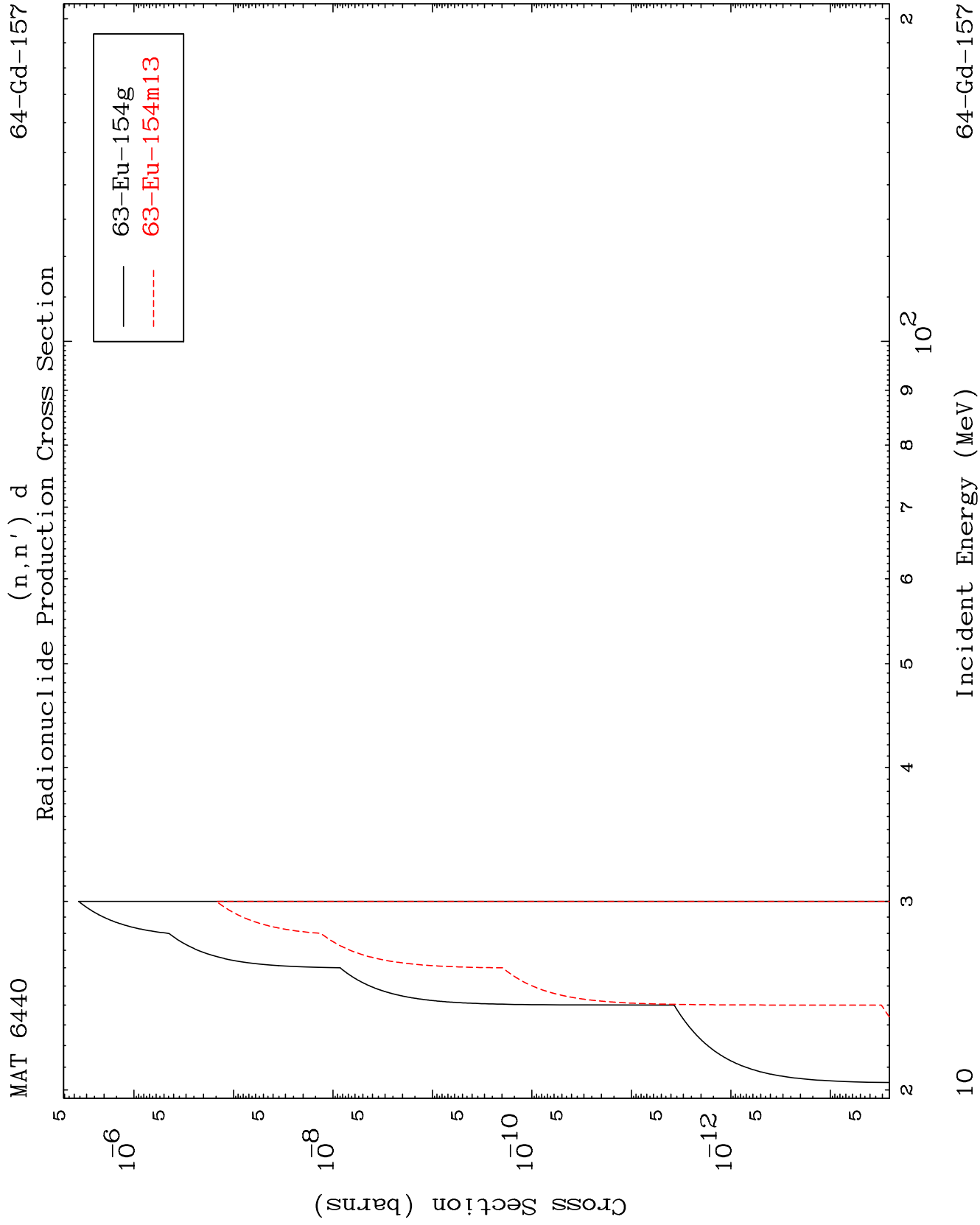
(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

64-Gd-157

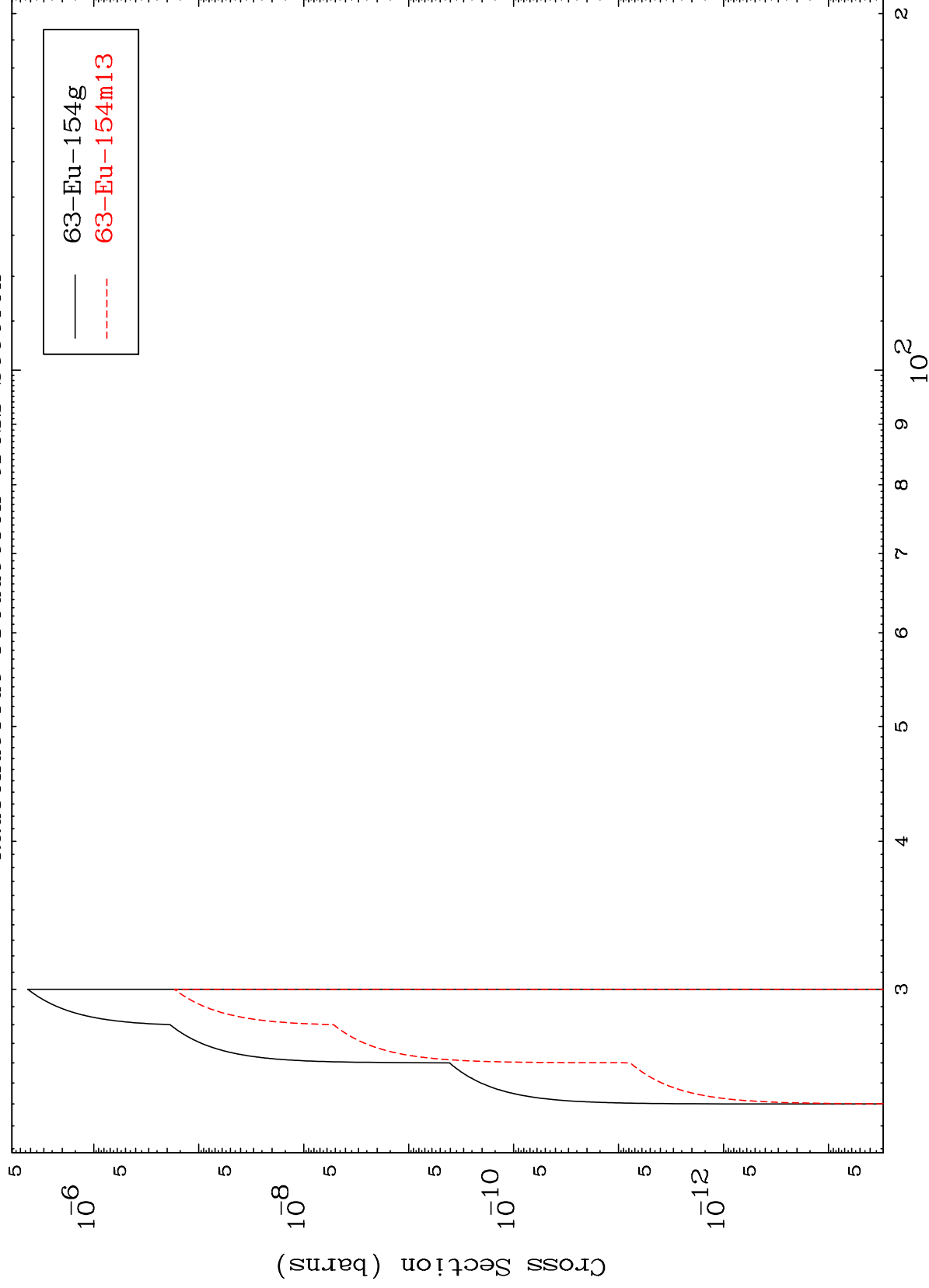


MAT 6440

(n,2n) p

64-Gd-157

Radionuclide Production Cross Section



11

Incident Energy (MeV)

64-Gd-157

