

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

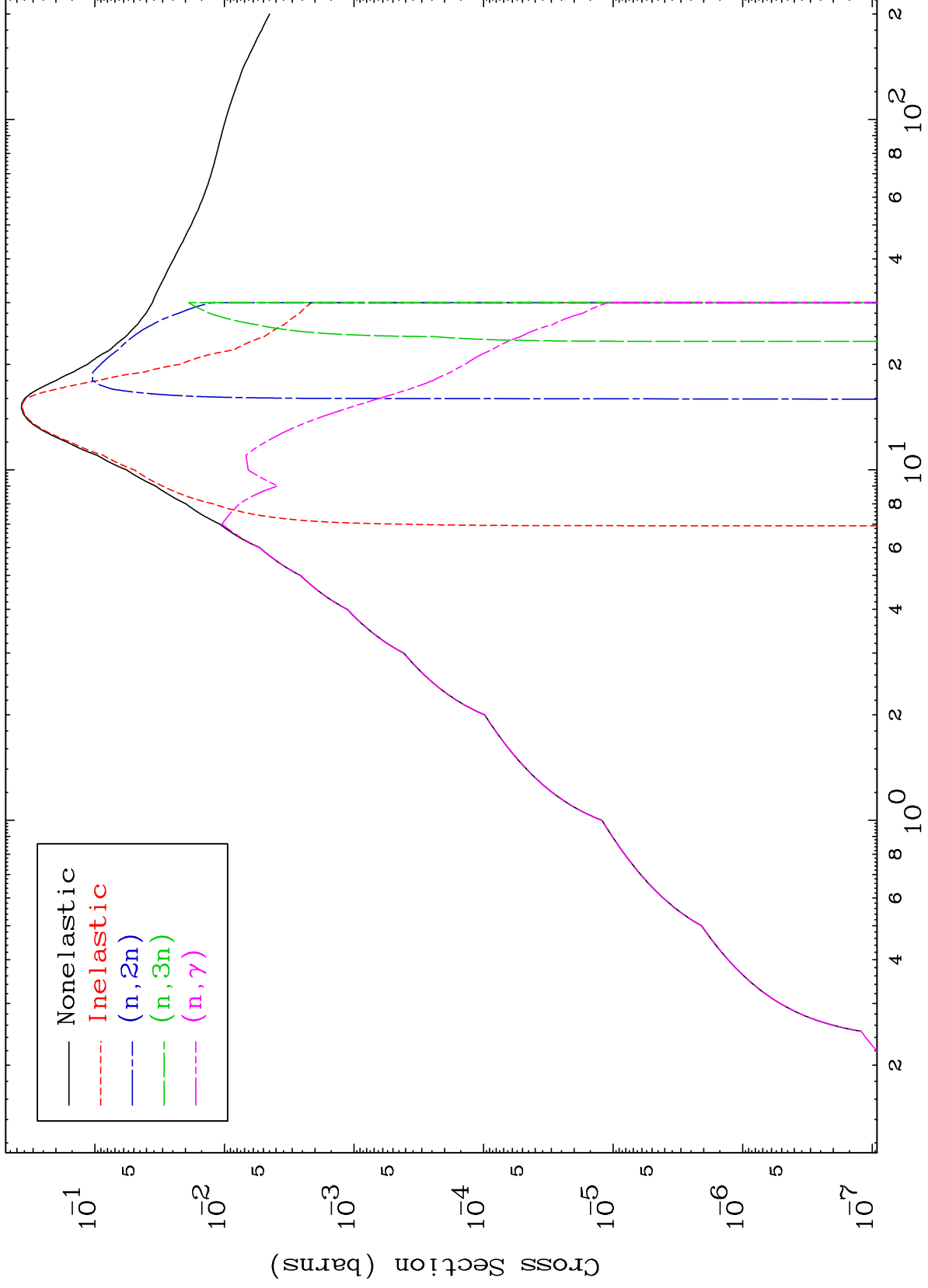
Press Mouse Button to Start

MAT 6416

Photon Major

64-Gd-149

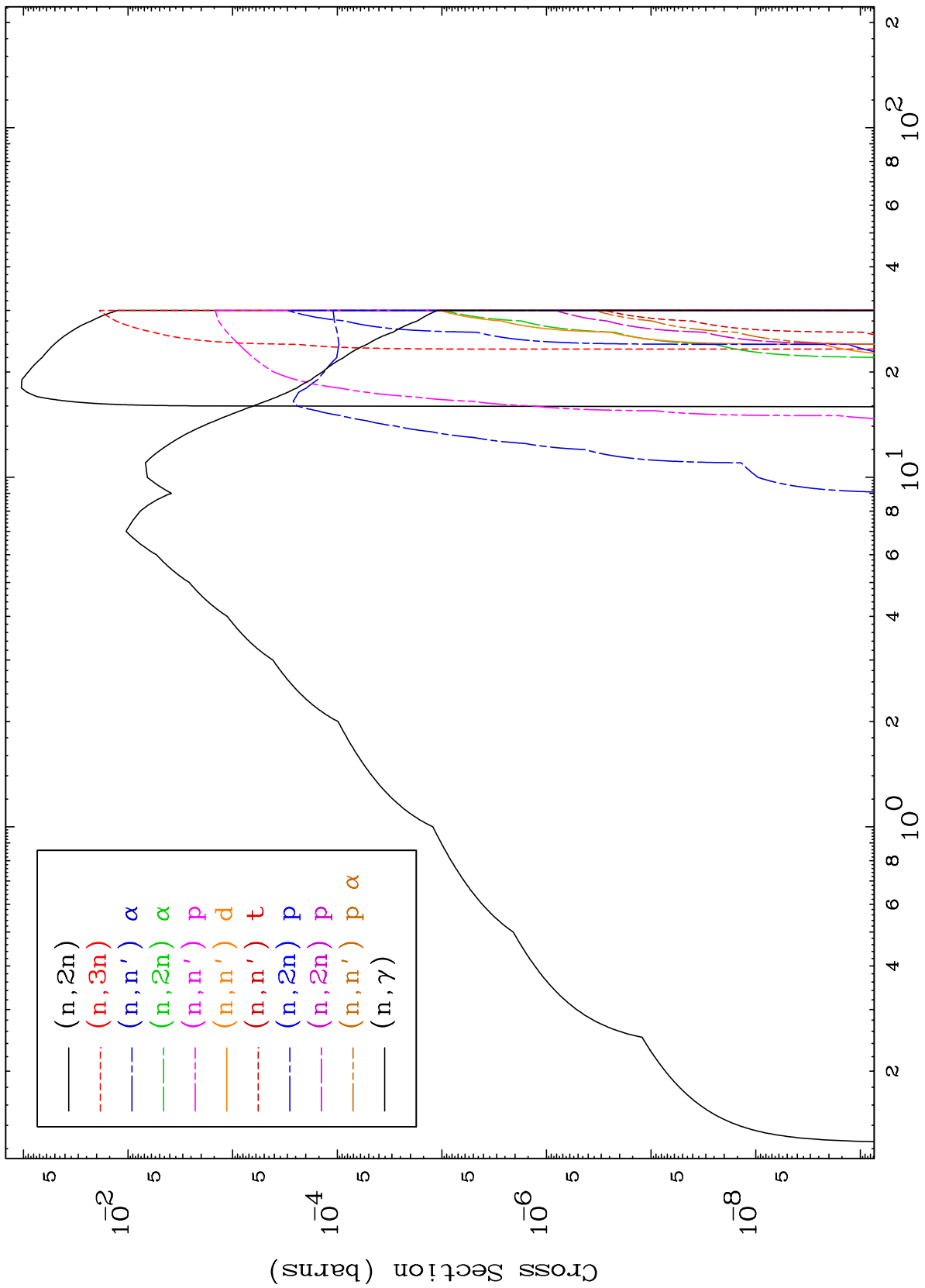
0 Kelvin Cross Sections

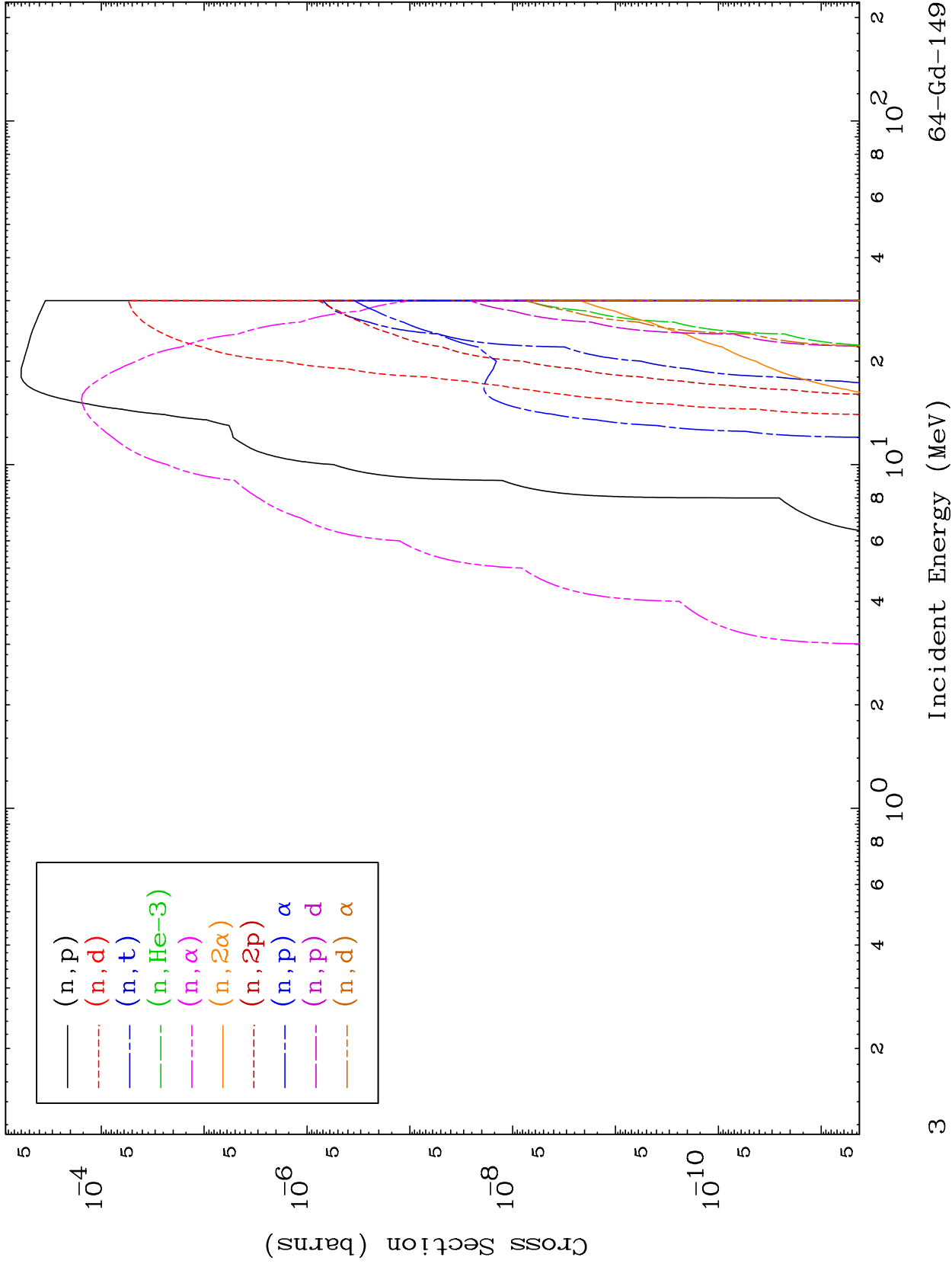


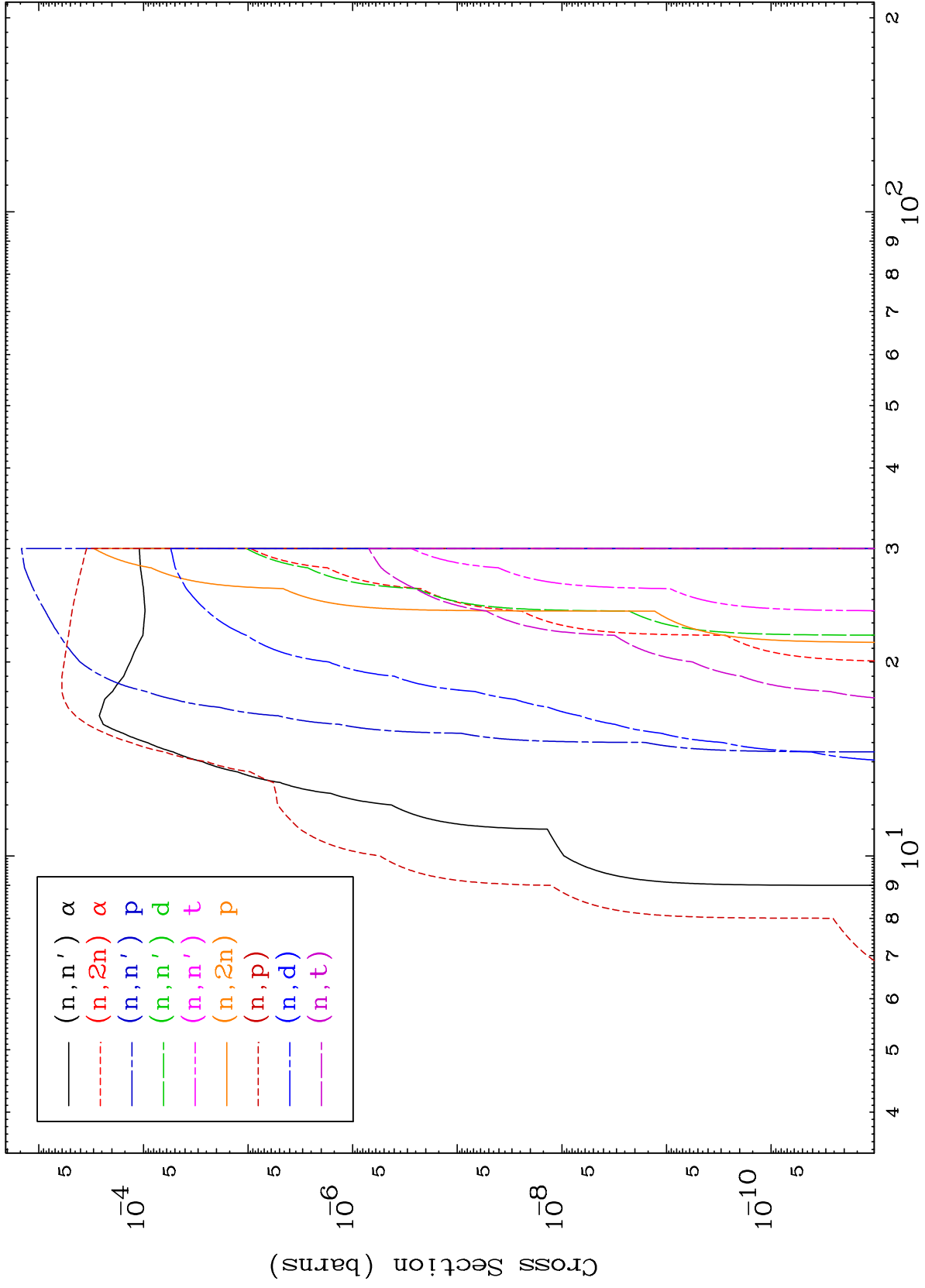
MAT 6416

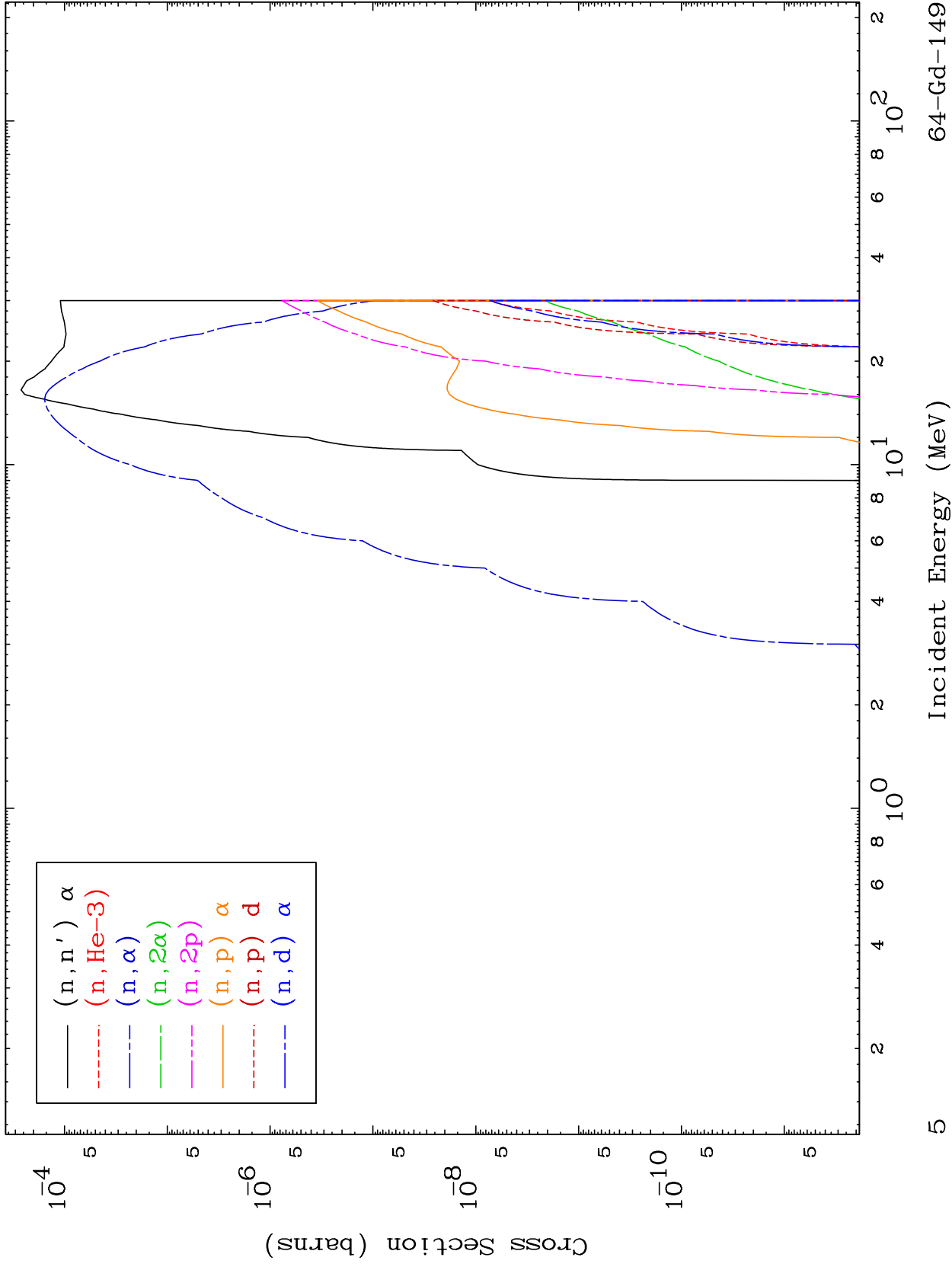
Photon Neutron Absorption
0 Kelvin Cross Sections

64-Gd-149





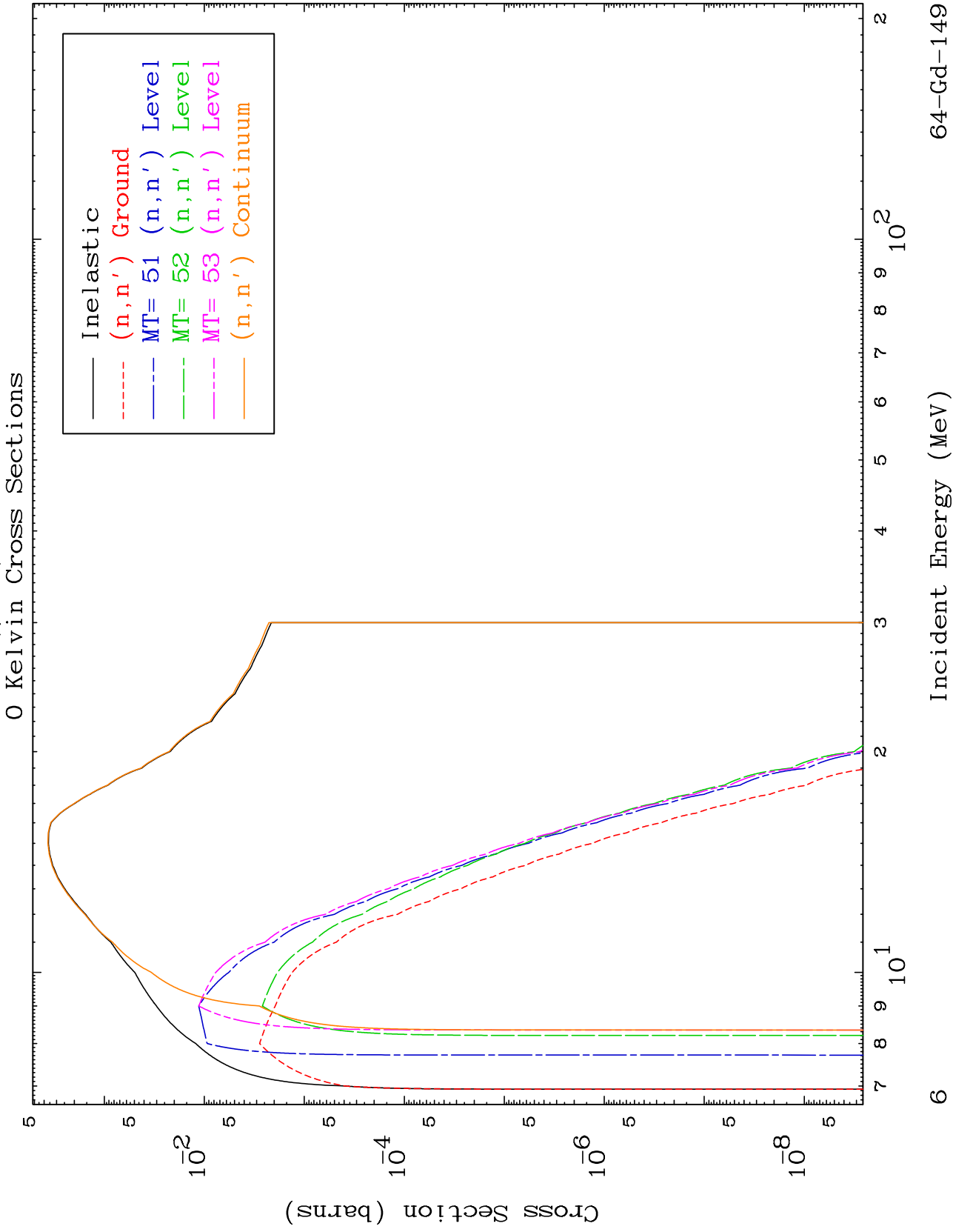




MAT 6416

(γ, n') Levels

64-Gd-149



6

Incident Energy (MeV)

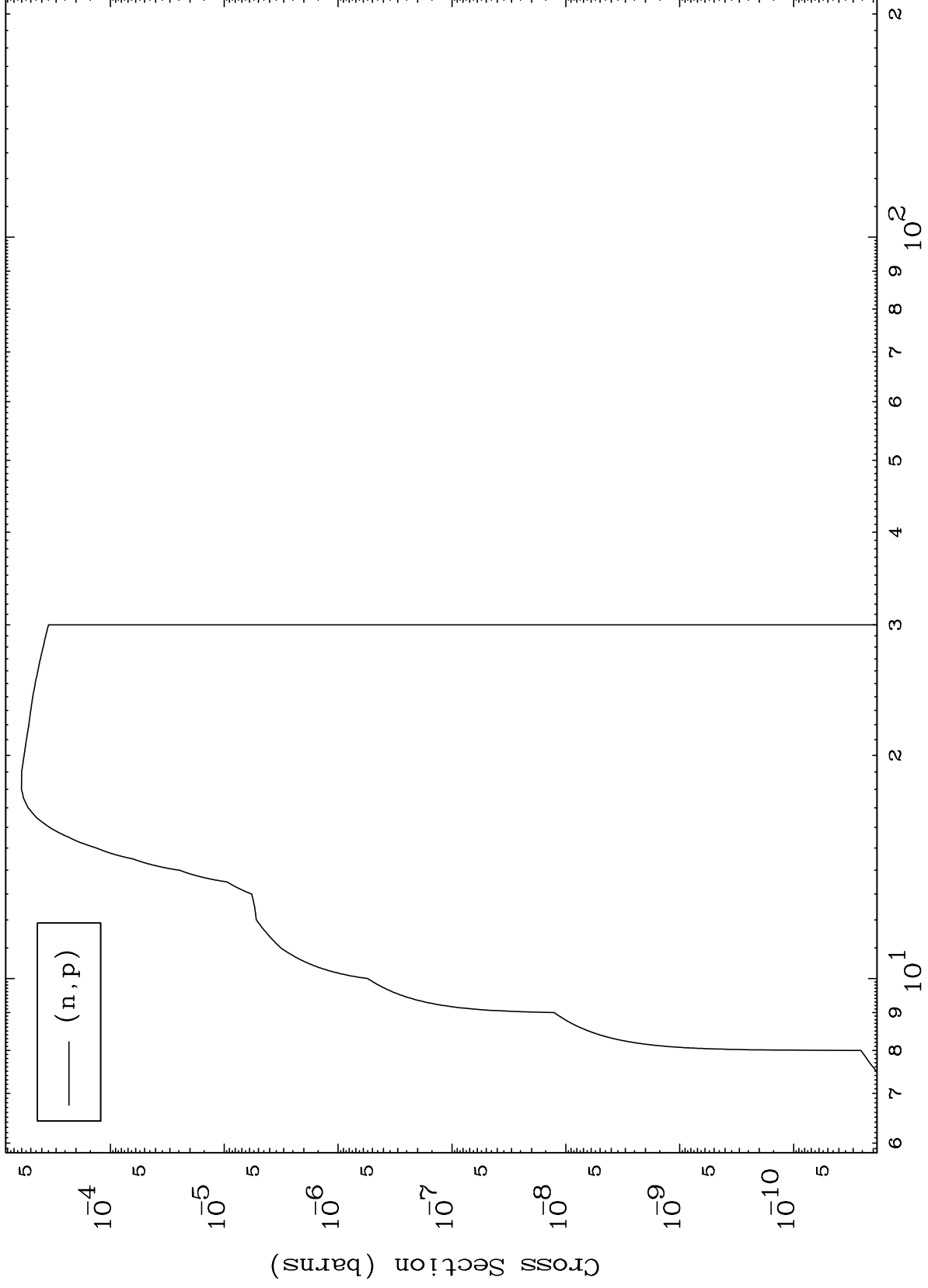
64-Gd-149

MAT 6416

(γ, p) Levels

64-Gd-149

0 Kelvin Cross Sections



7

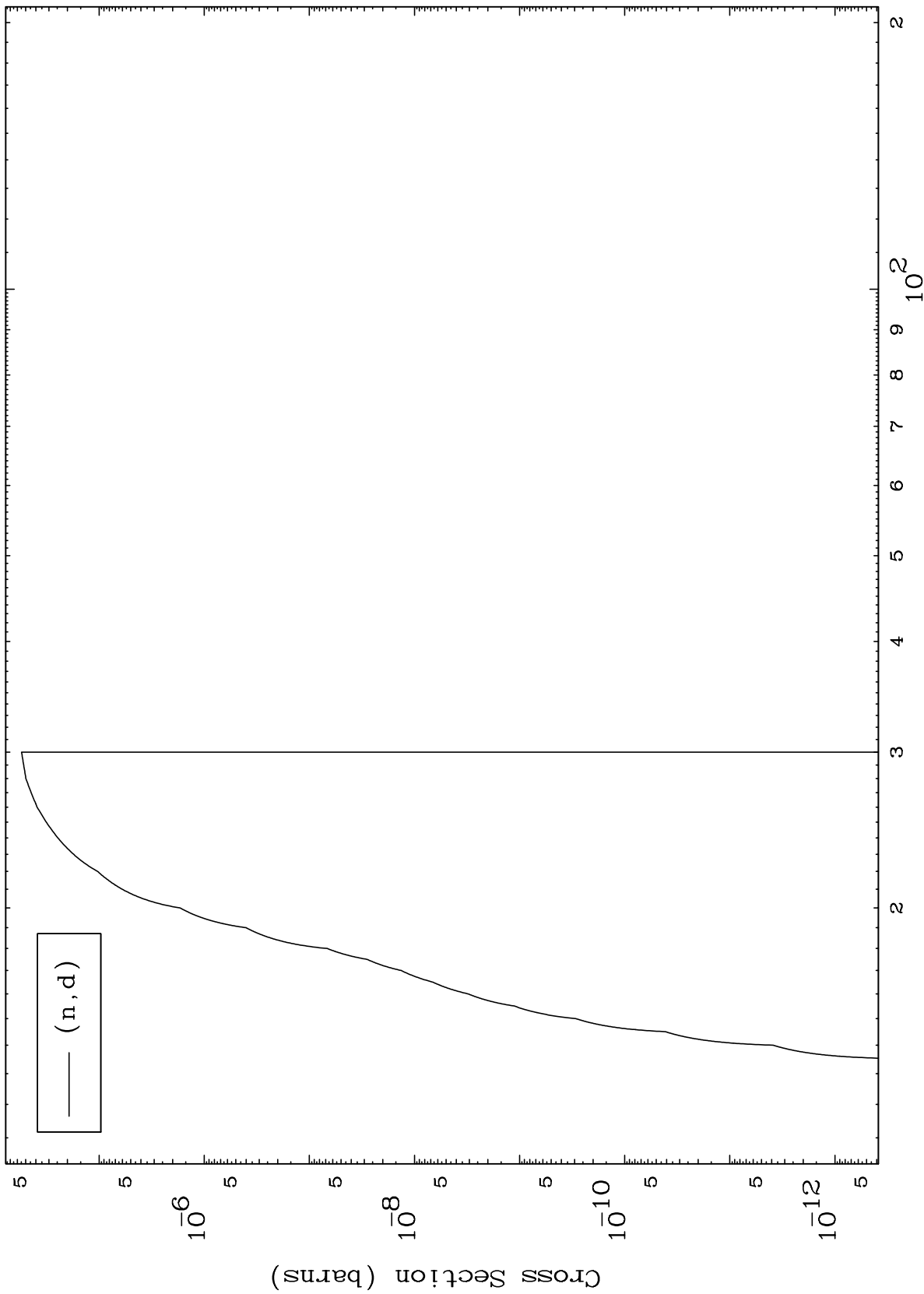
Incident Energy (MeV)

64-Gd-149

MAT 6416

64-Gd-149

(γ, d) Levels
0 Kelvin Cross Sections



8

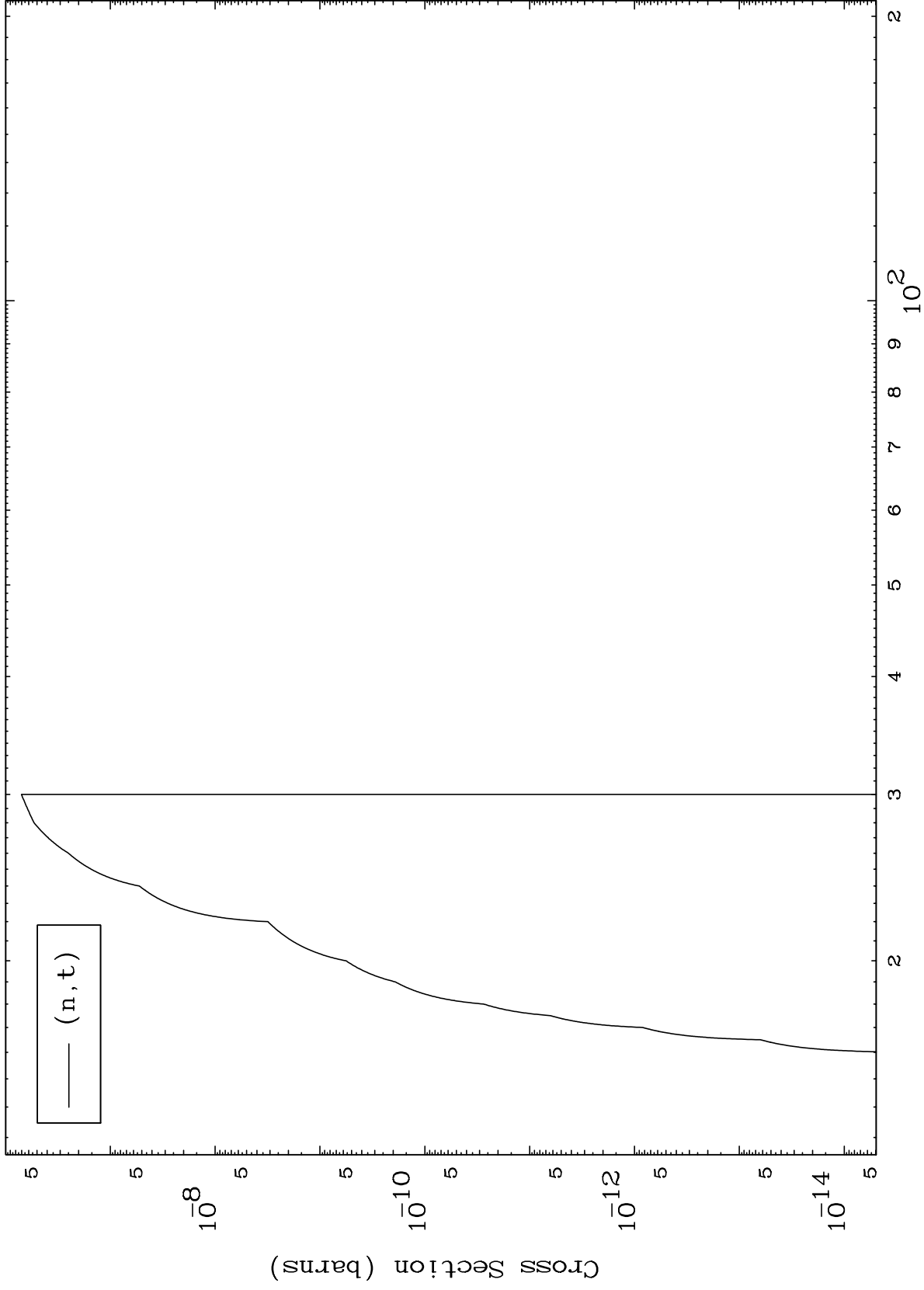
Incident Energy (MeV)

64-Gd-149

MAT 6416

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-149



9

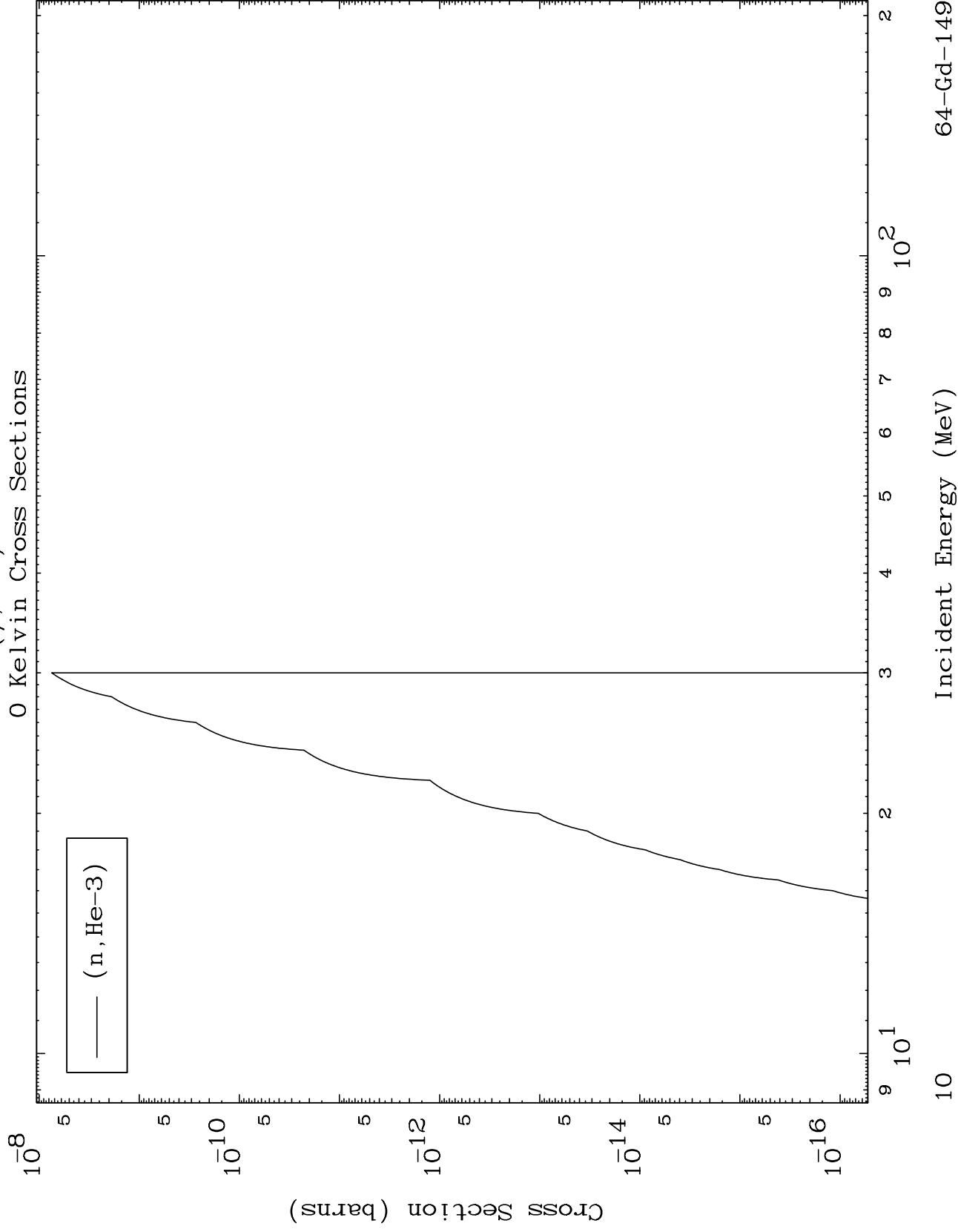
Incident Energy (MeV)

64-Gd-149

MAT 6416

($\gamma, \text{He}3$) Levels

64-Gd-149

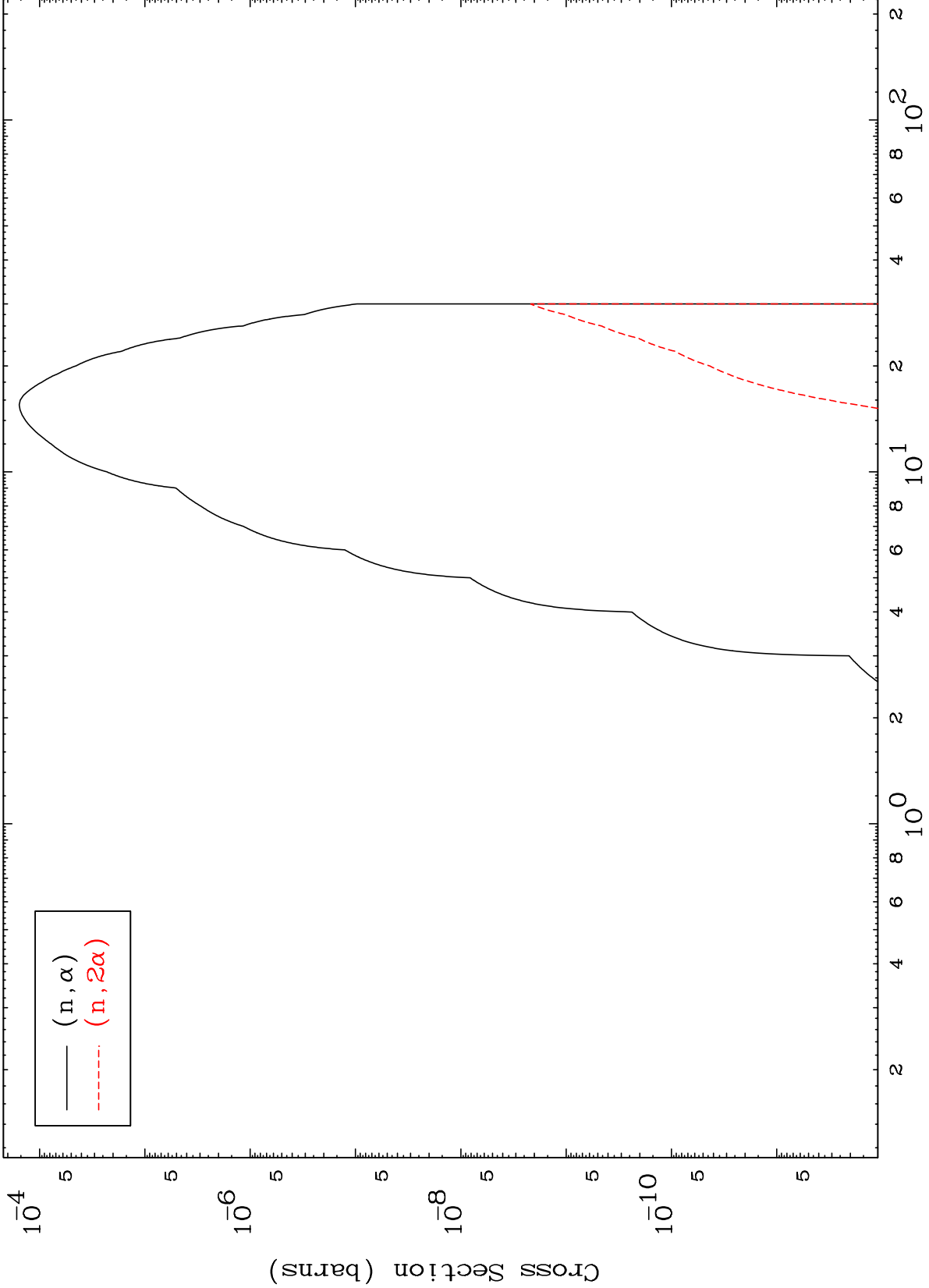


MAT 6416

(γ, α) Levels

64-Gd-149

0 Kelvin Cross Sections

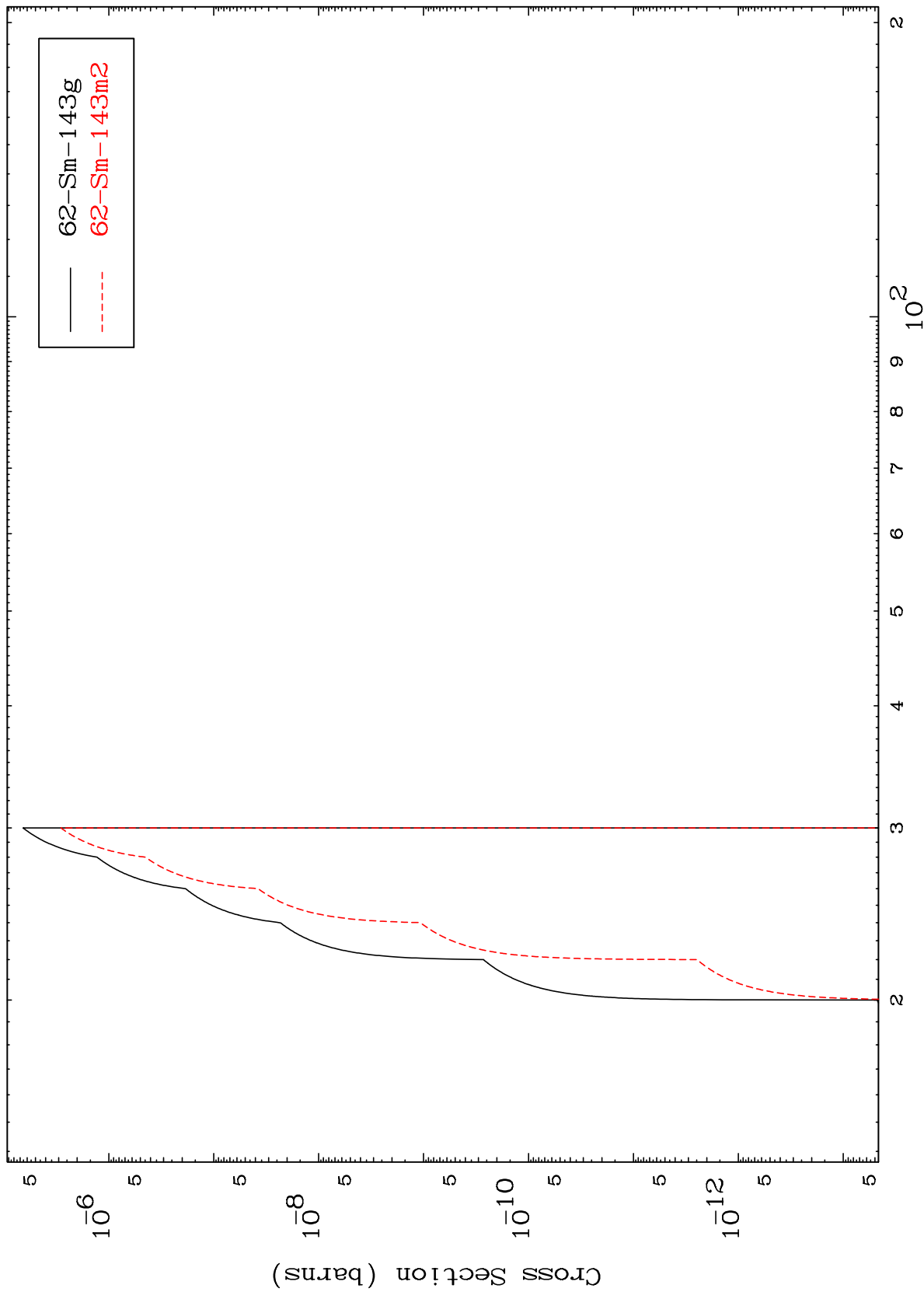


MAT 6416

$(n,2n) \alpha$

64-Gd-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

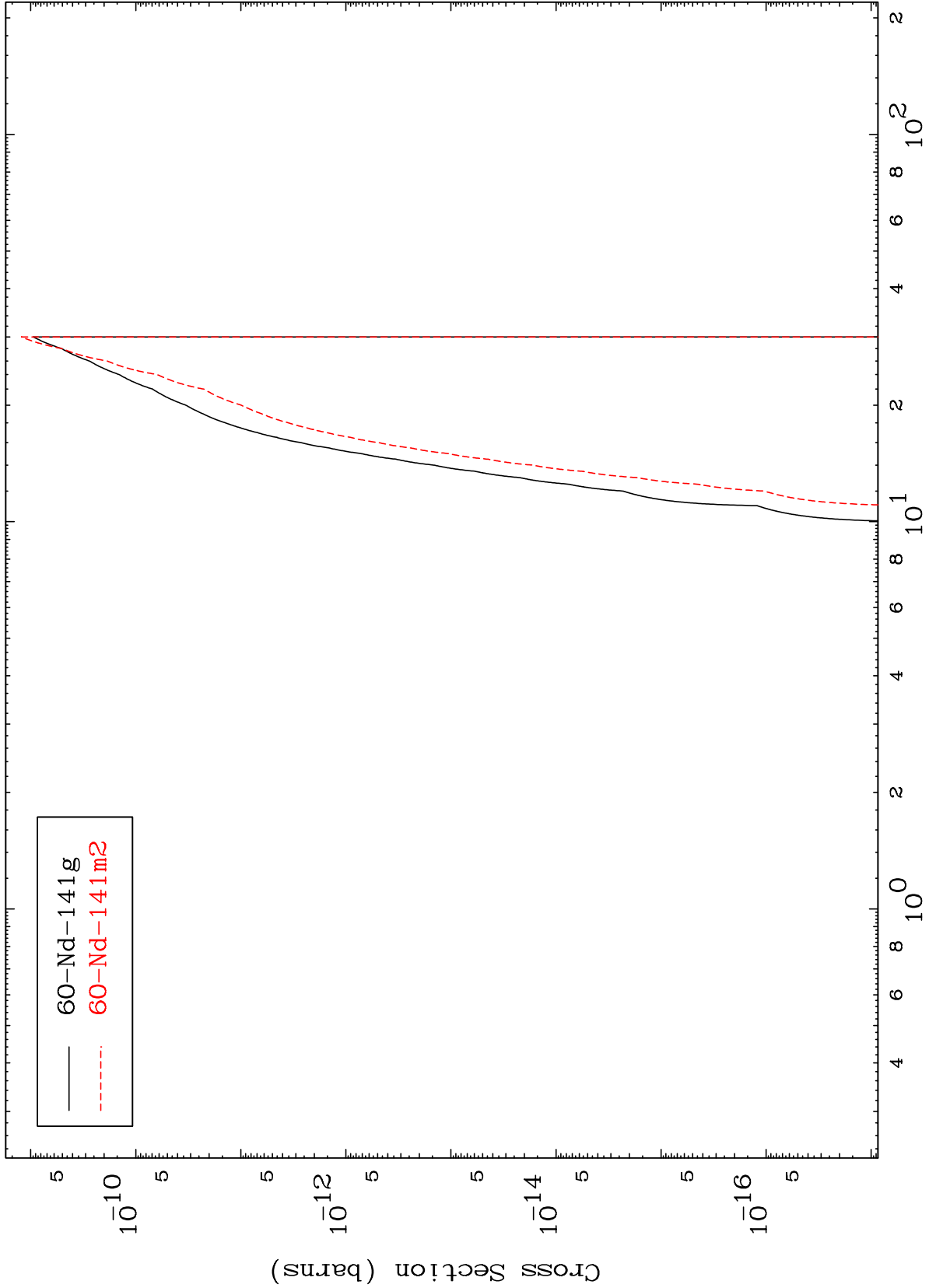
64-Gd-149

MAT 6416

(n,2α)

64-Gd-149

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2