

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

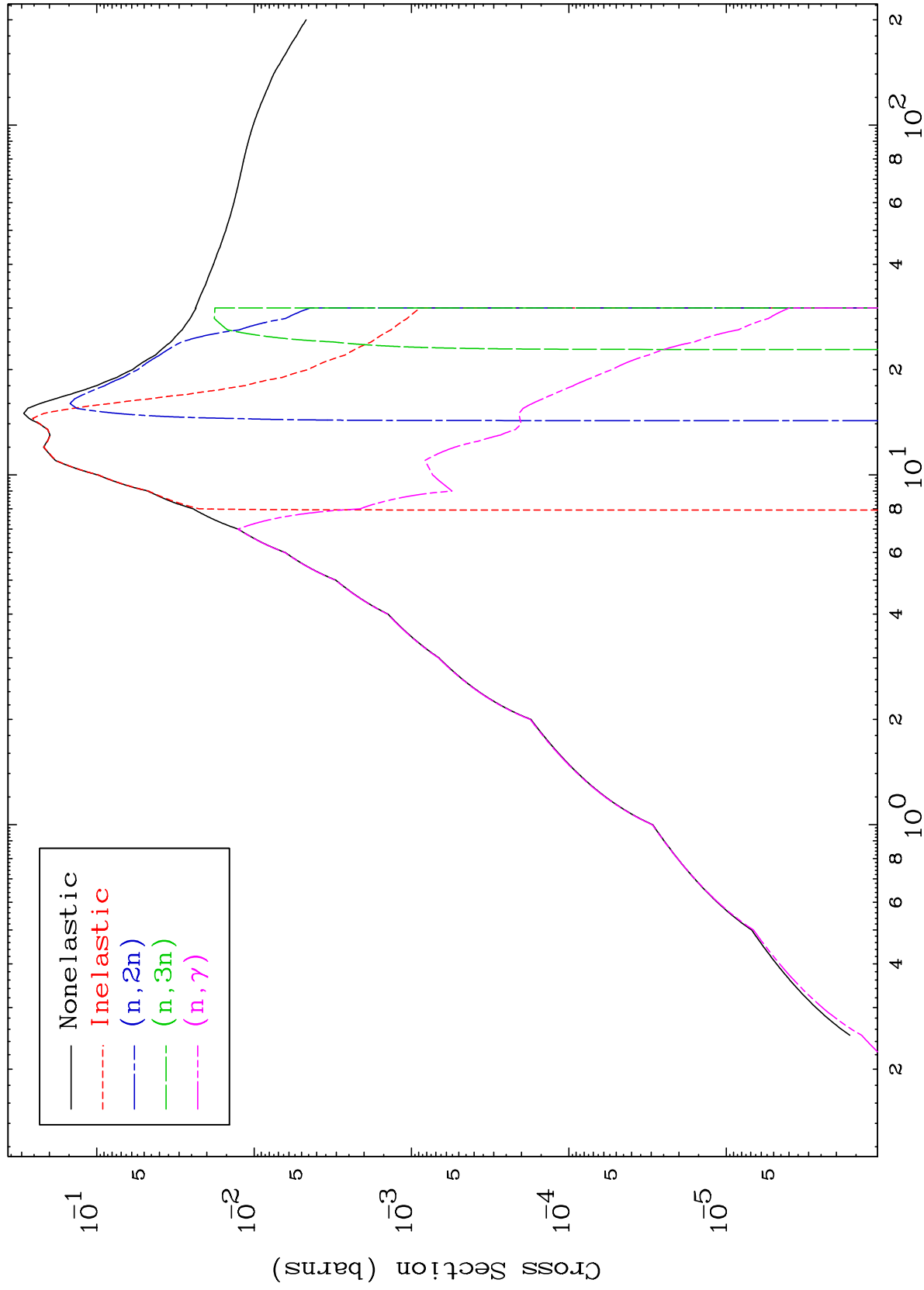
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6443

Photon Major
0 Kelvin Cross Sections

64-Gd-158



1

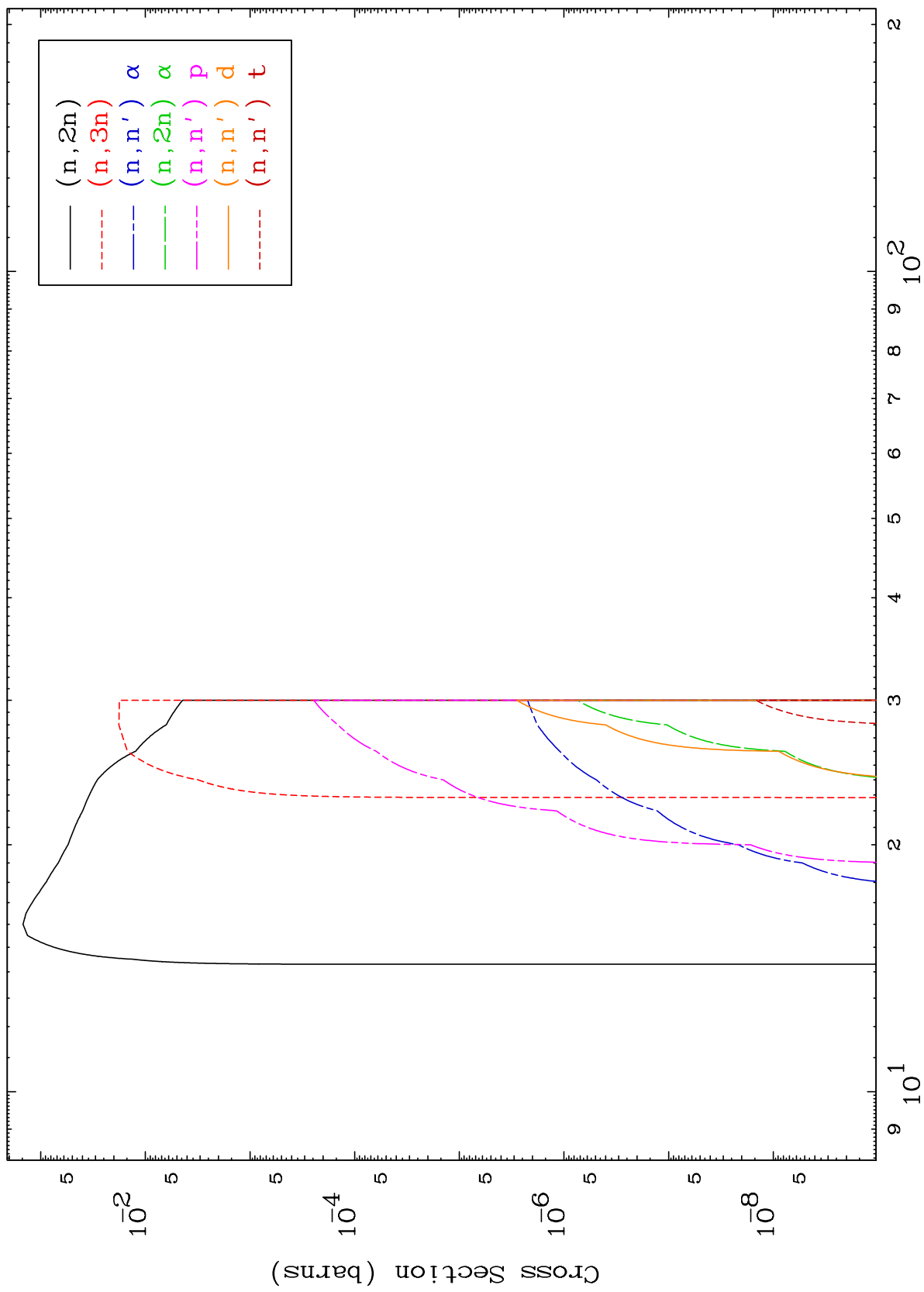
Incident Energy (MeV)

64-Gd-158

MAT 6443

Photon Neutron Absorption
0 Kelvin Cross Sections

64-Gd-158



2

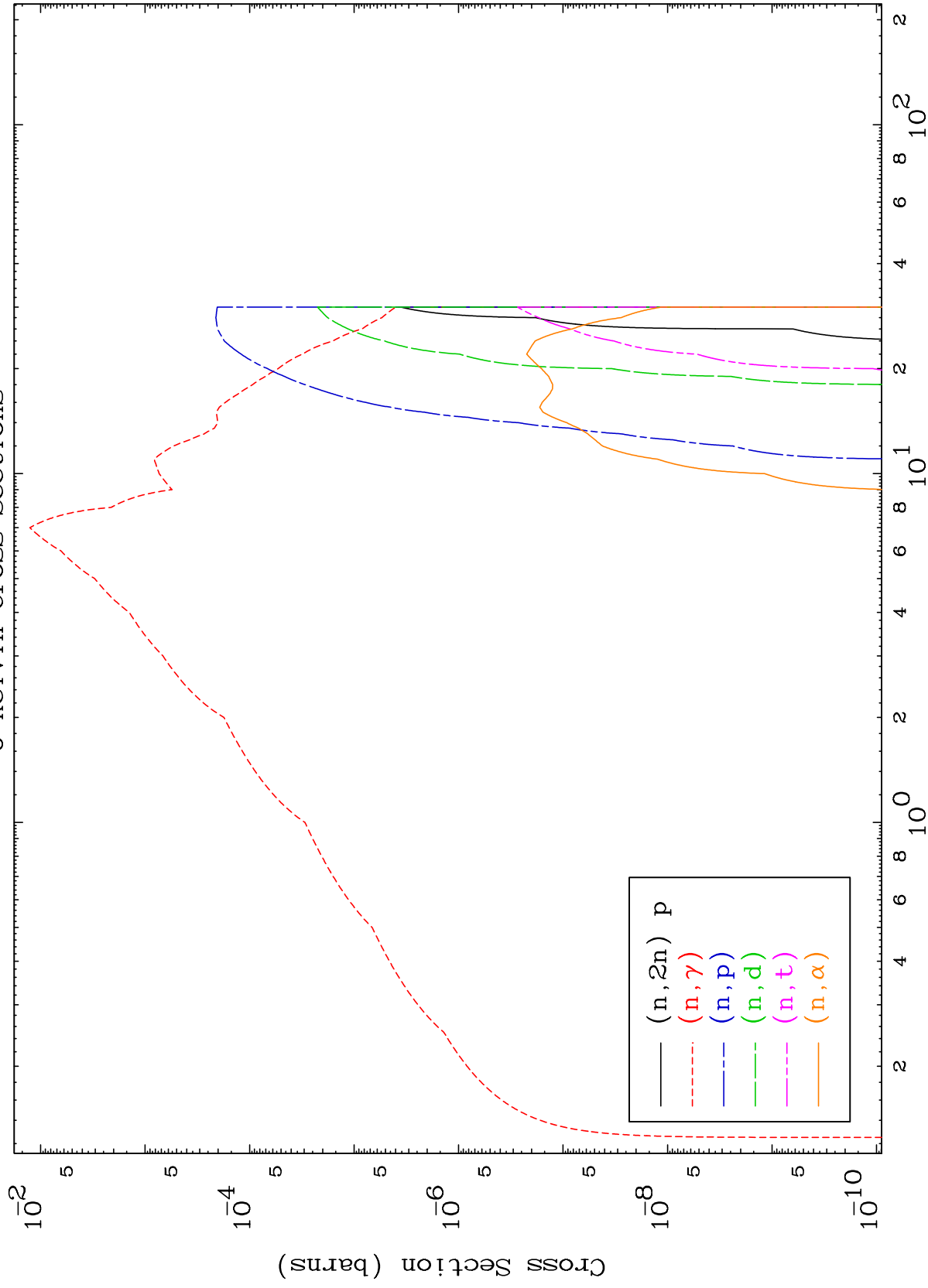
Incident Energy (MeV)

64-Gd-158

MAT 6443

Photon Neutron Absorption
0 Kelvin Cross Sections

64-Gd-158



3

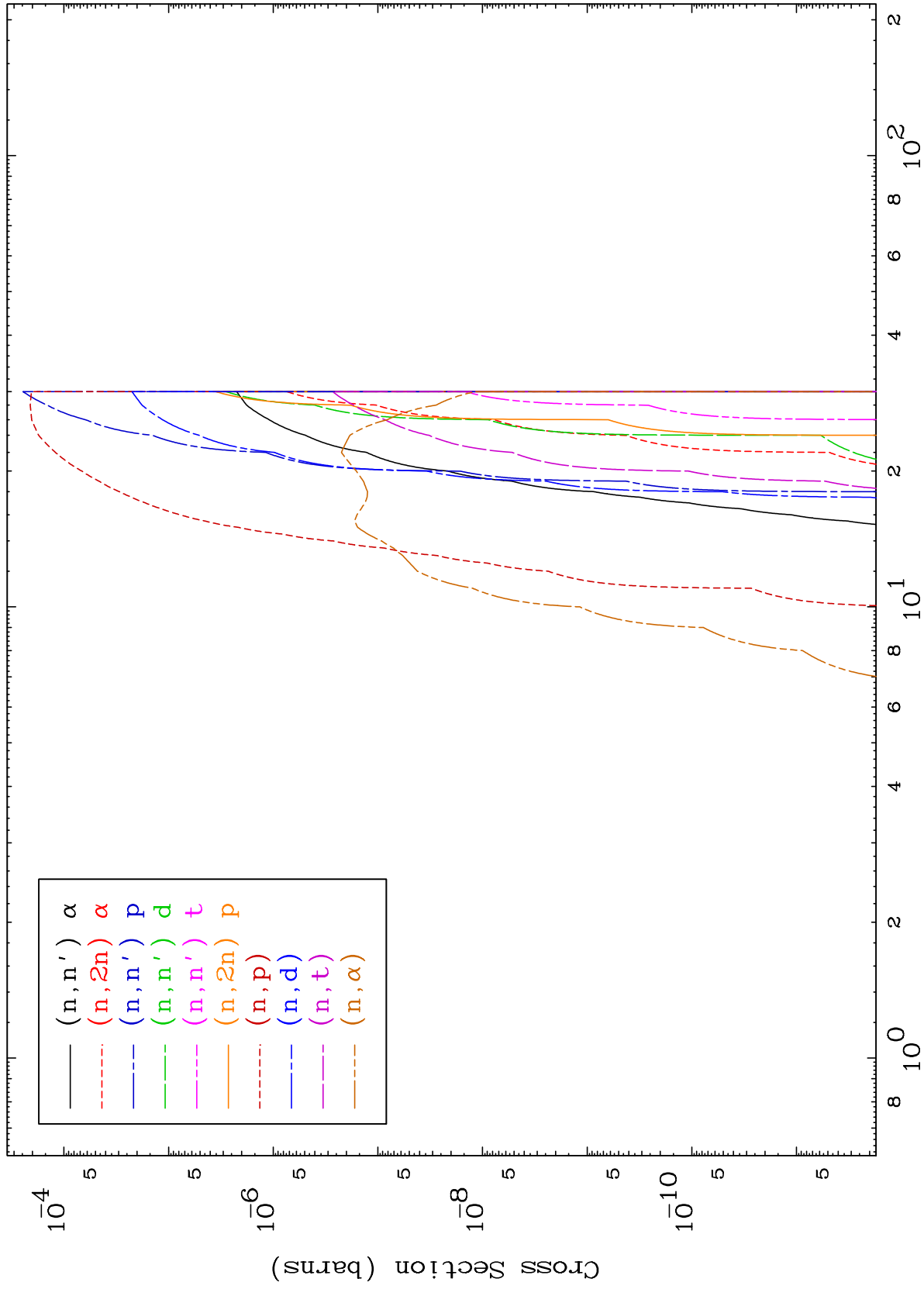
Incident Energy (MeV)

64-Gd-158

MAT 6443

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-158



4

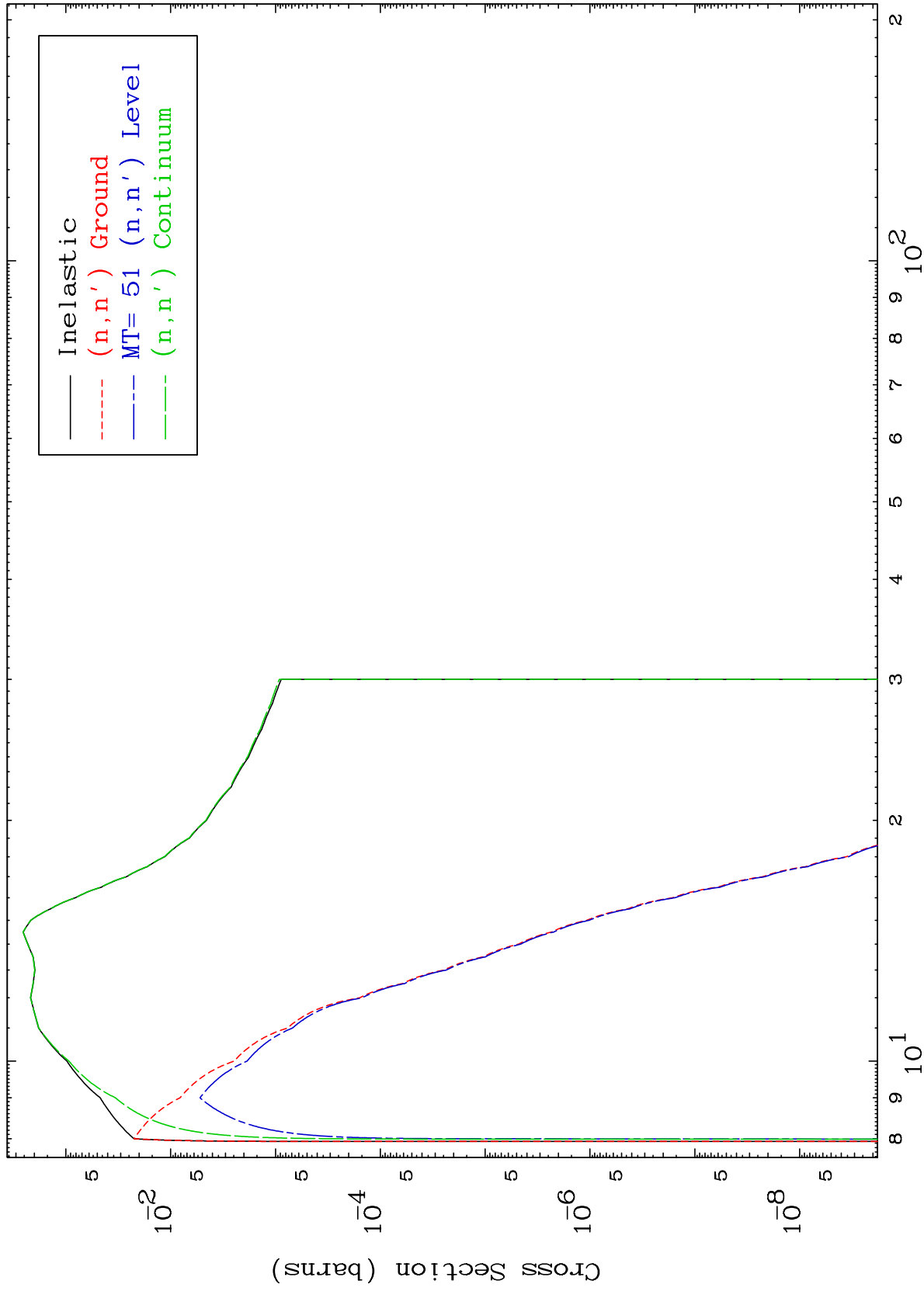
Incident Energy (MeV)

64-Gd-158

MAT 6443

64-Gd-158

(γ, n') Levels
0 Kelvin Cross Sections



5

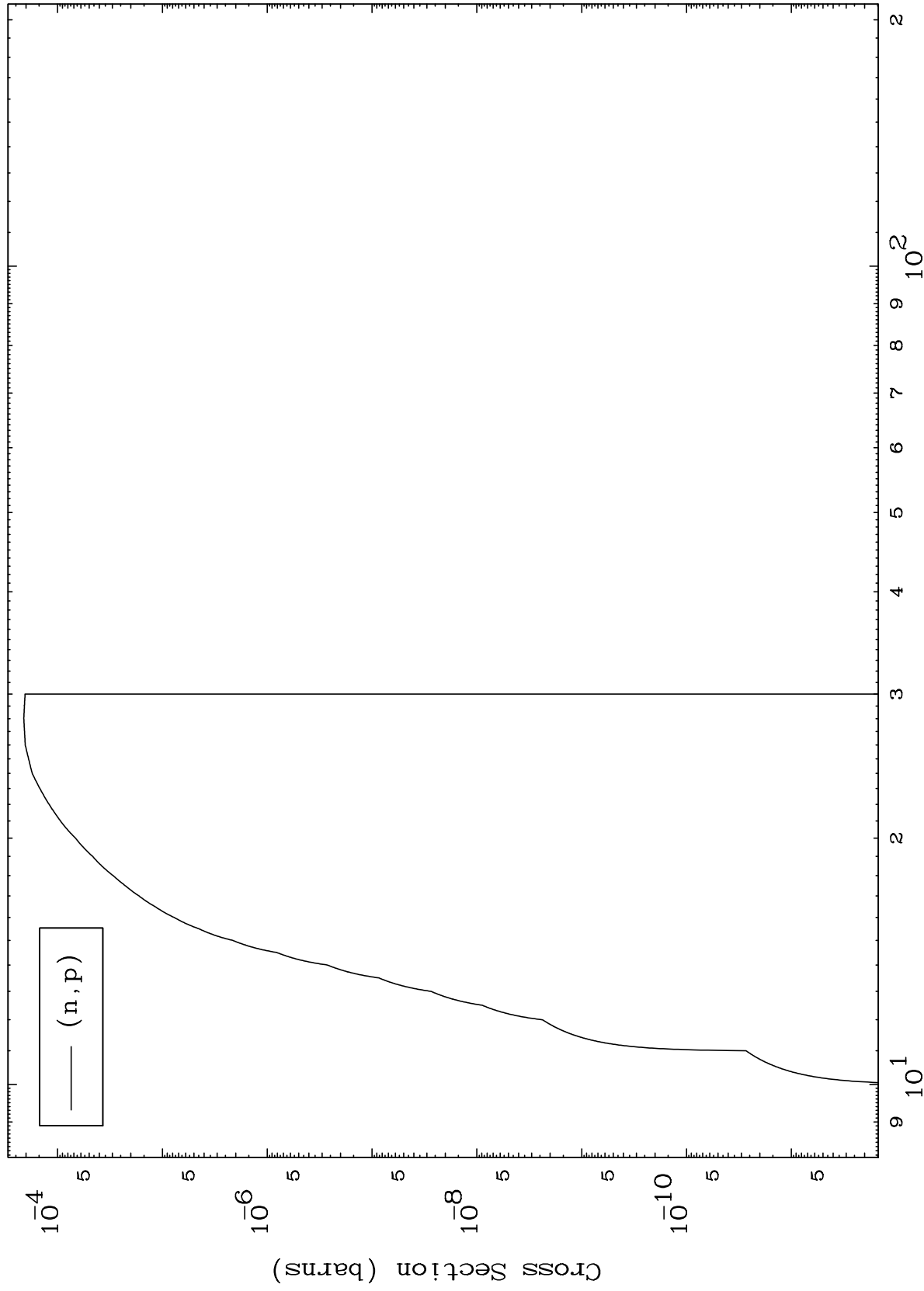
Incident Energy (MeV)

64-Gd-158

MAT 6443

64-Gd-158

(γ ,p) Levels
0 Kelvin Cross Sections



6

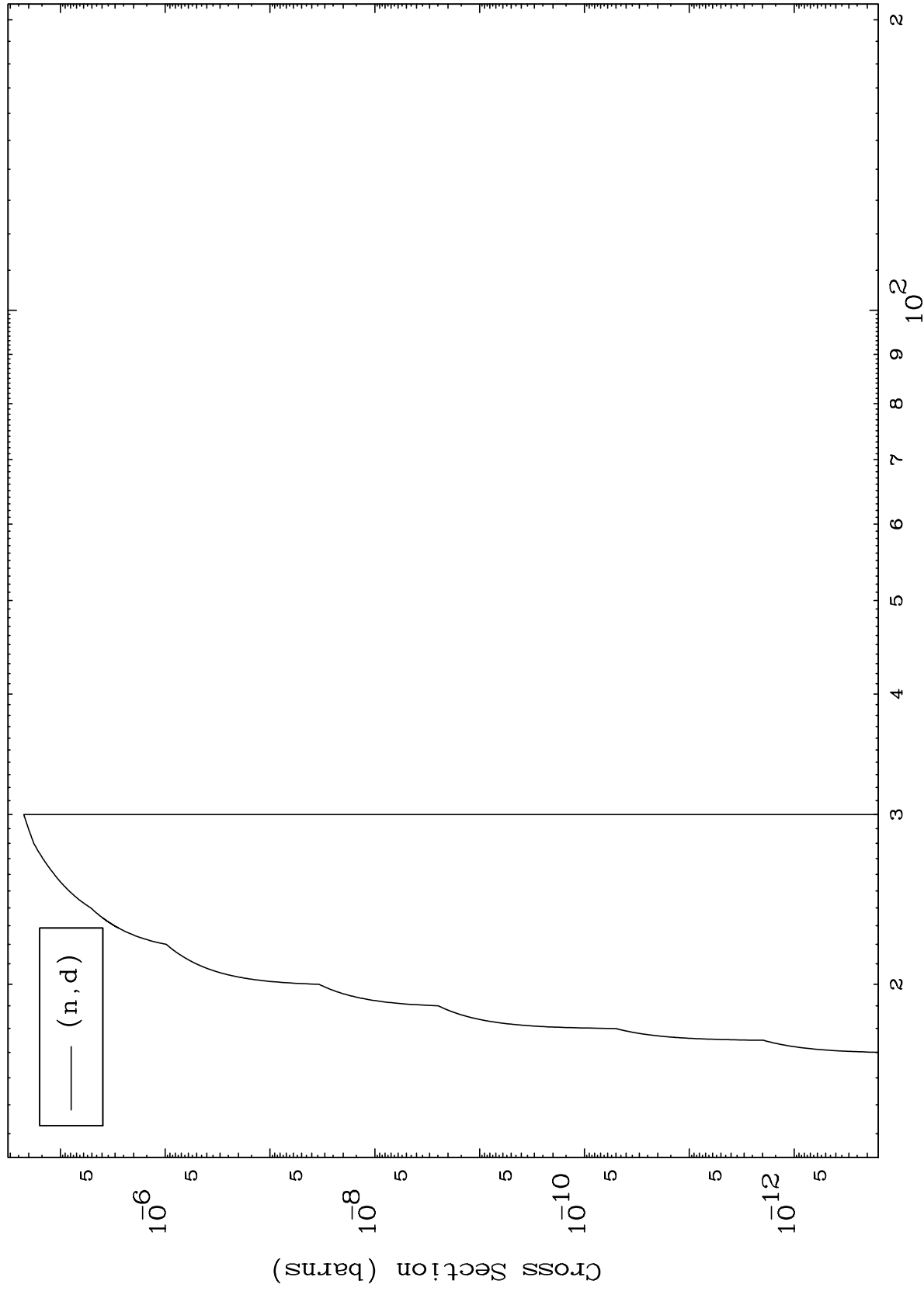
Incident Energy (MeV)

64-Gd-158

MAT 6443

64-Gd-158

(γ, d) Levels
0 Kelvin Cross Sections



7

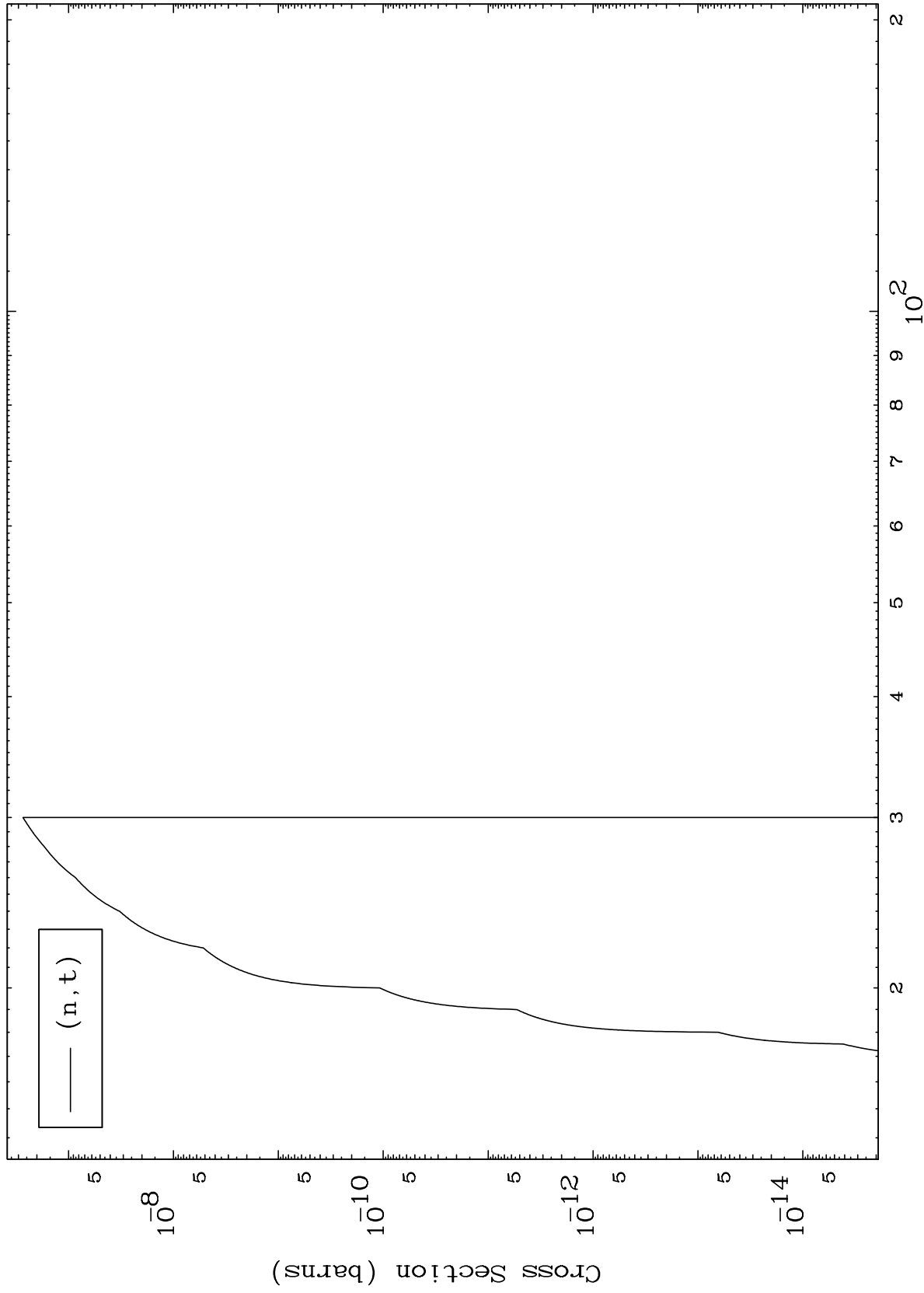
64-Gd-158

Incident Energy (MeV)

MAT 6443

64-Gd-158

(γ, t) Levels
0 Kelvin Cross Sections



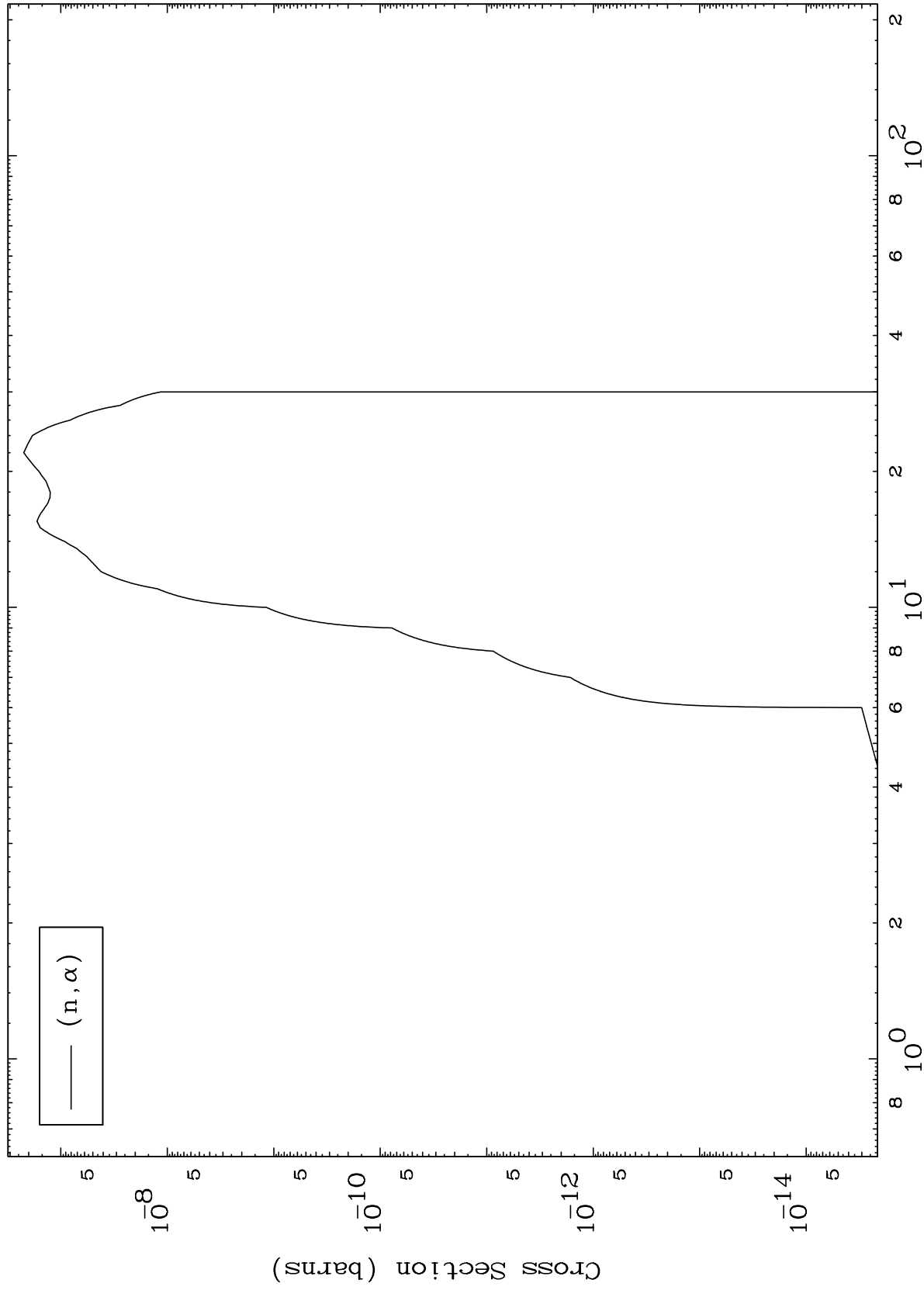
8

64-Gd-158

MAT 6443

64-Gd-158

(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

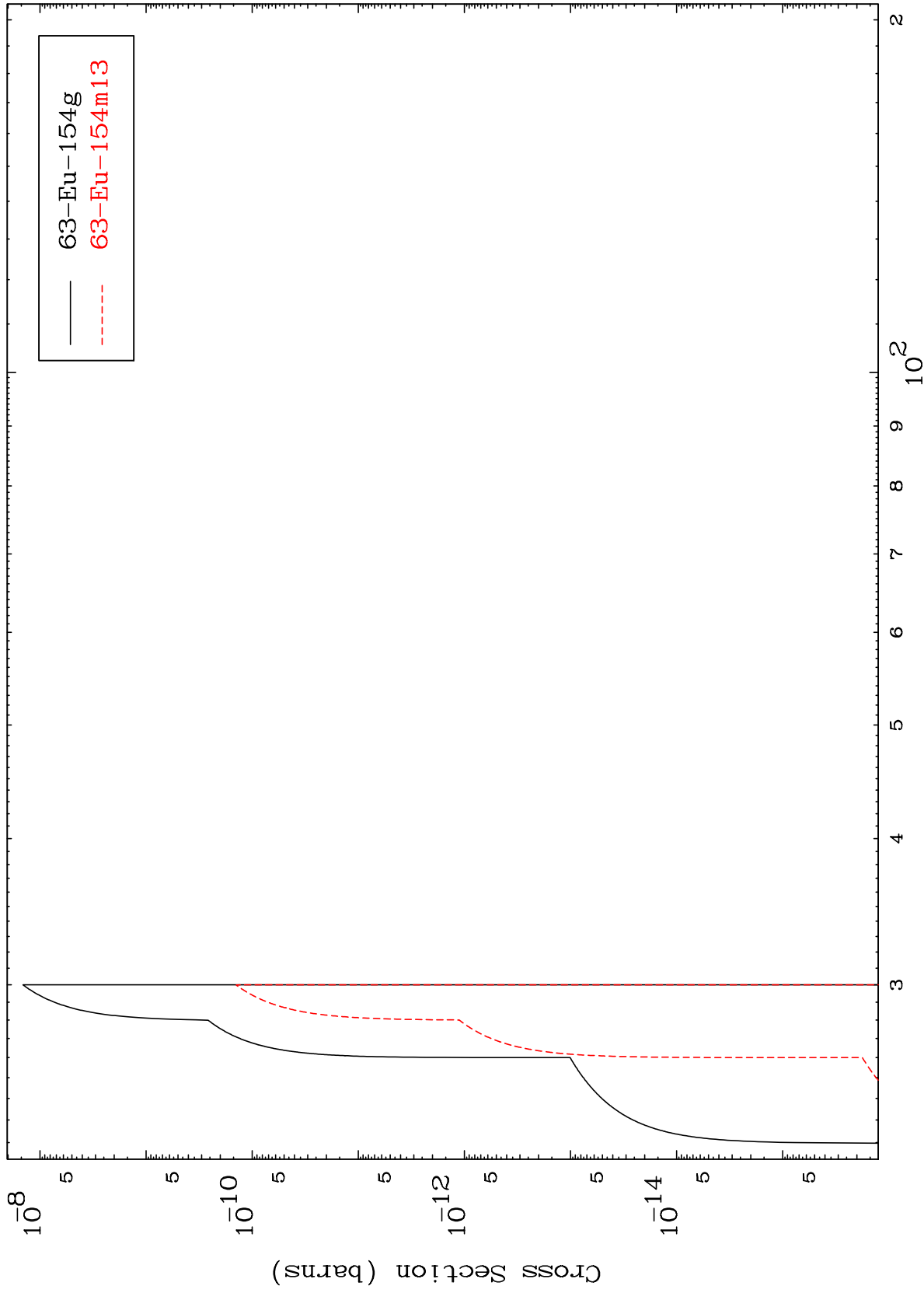
64-Gd-158

MAT 6443

(n,n') t

64-Gd-158

Radionuclide Production Cross Section



10

Incident Energy (MeV)

64-Gd-158