

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

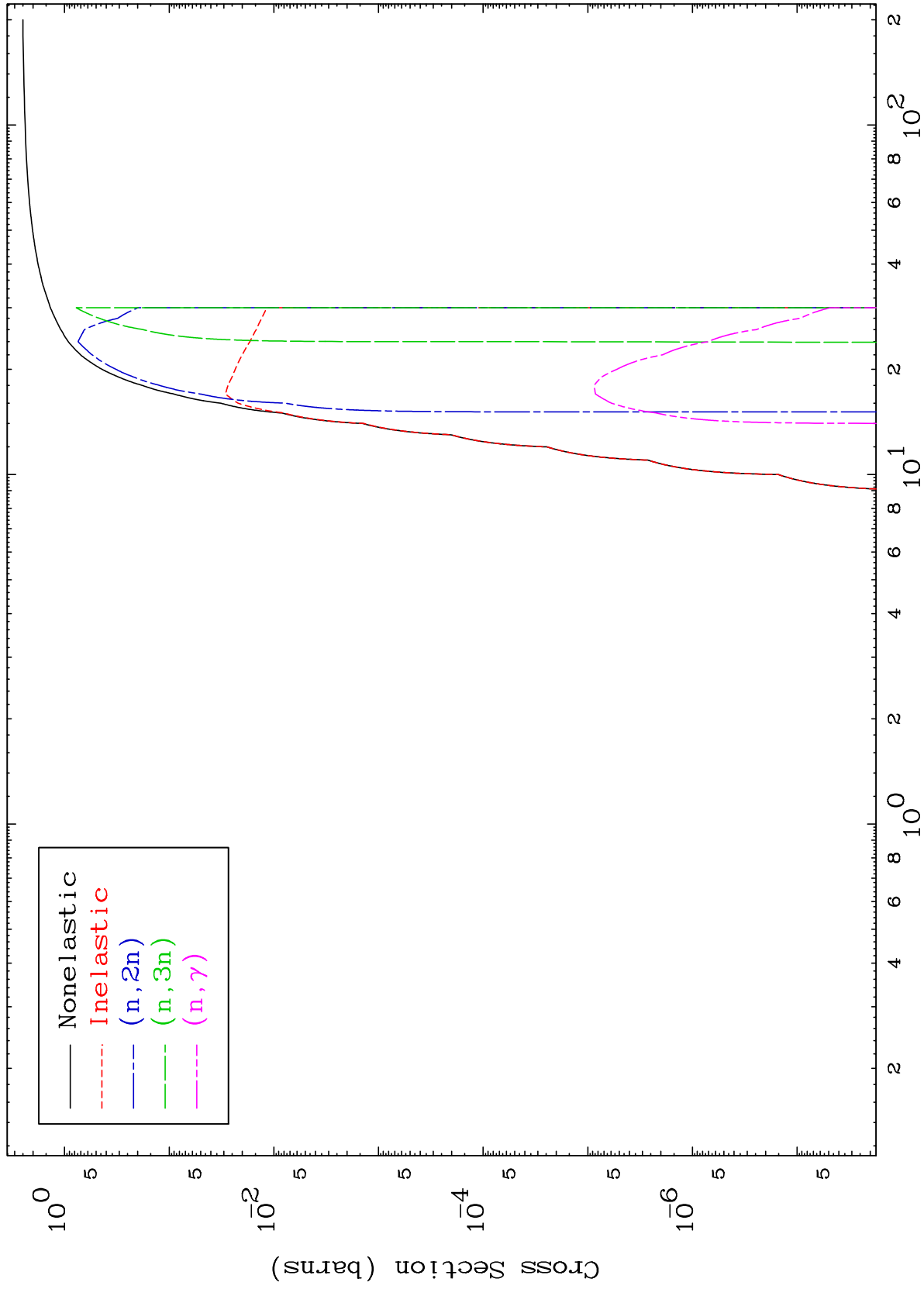
Press Mouse Button to Start

MAT 6443

0 Kelvin

α Major Cross Sections

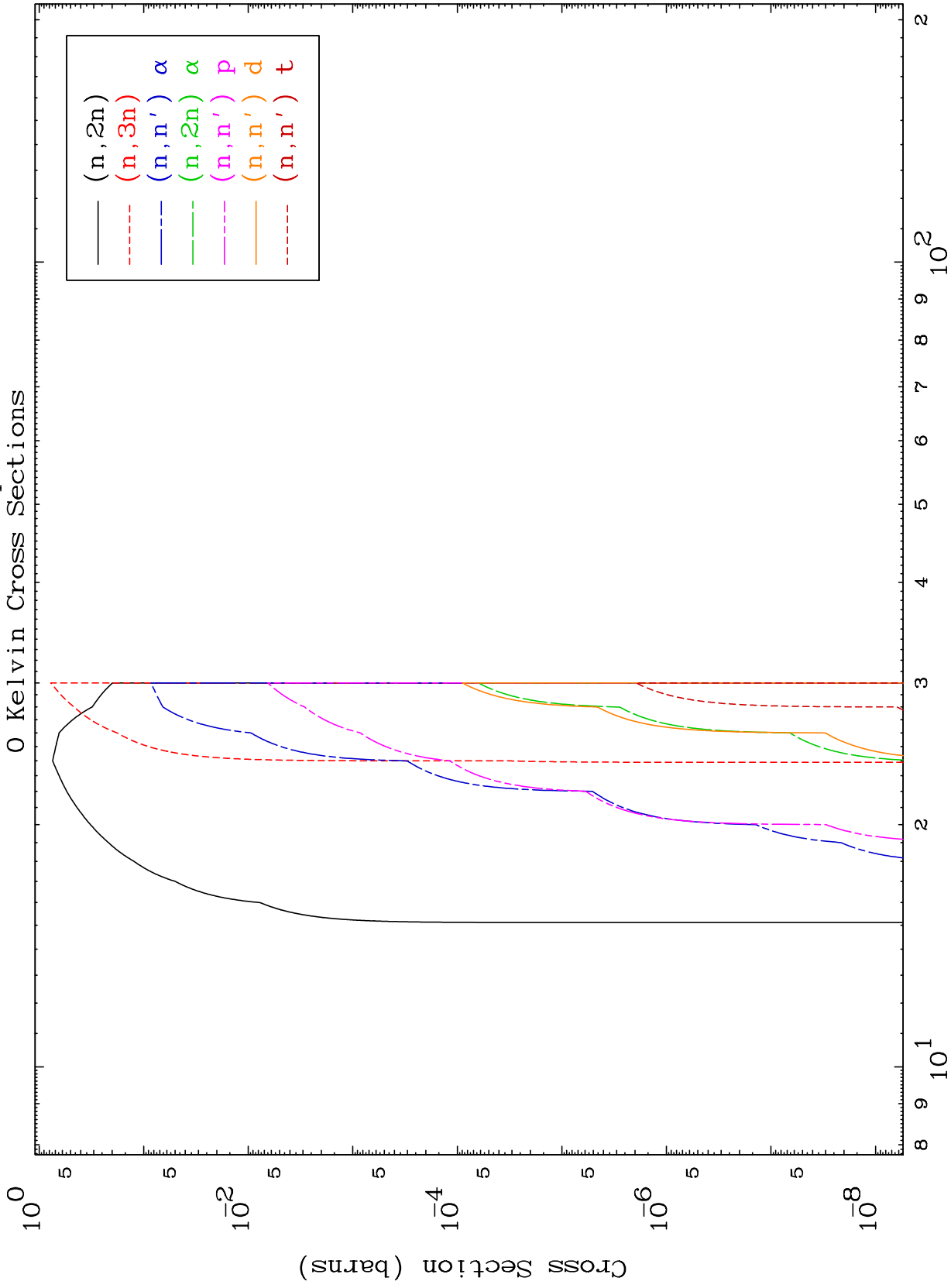
64-Gd-158



MAT 6443

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-158



2

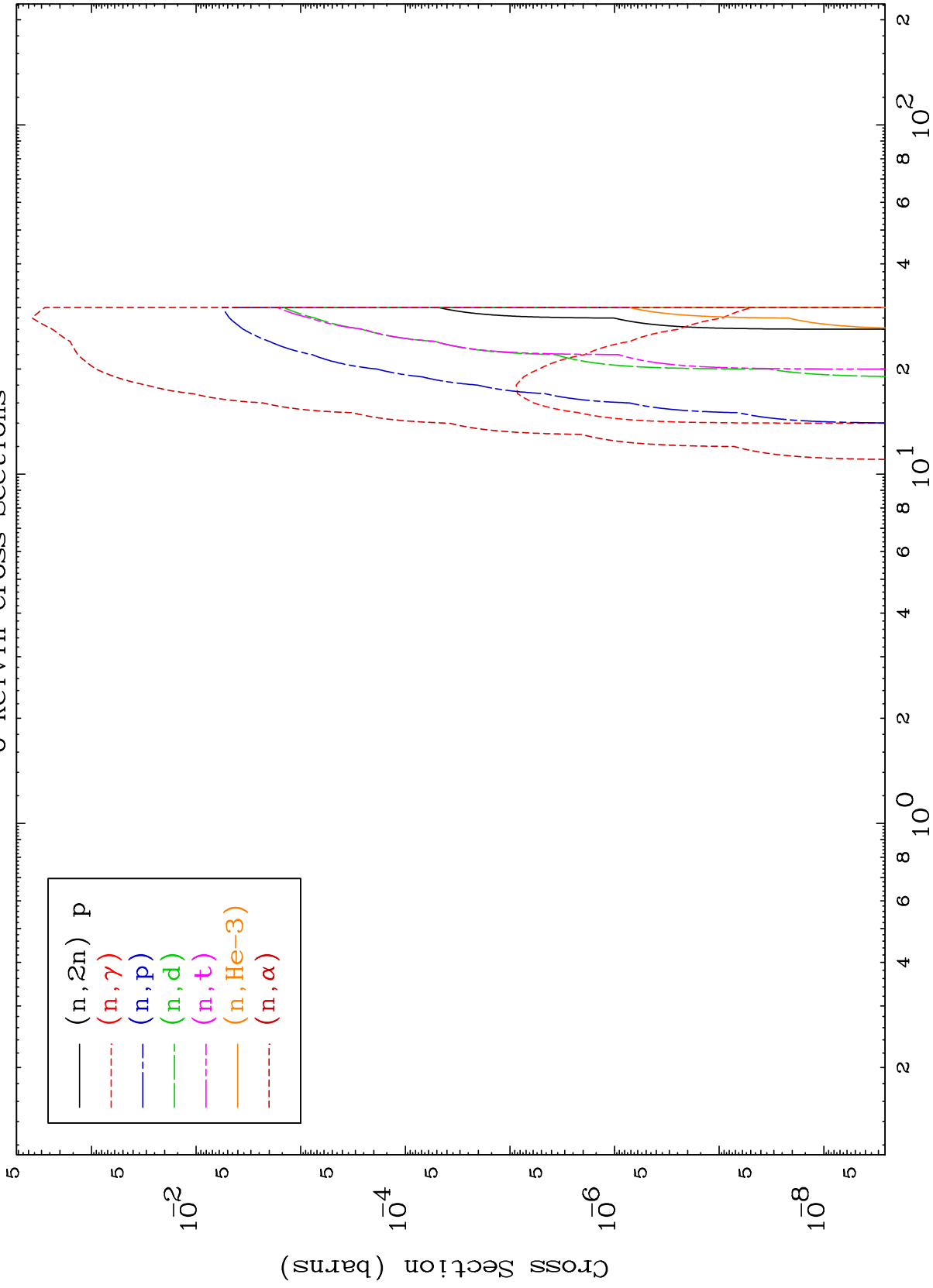
Incident Energy (MeV)

64-Gd-158

MAT 6443

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-158



3

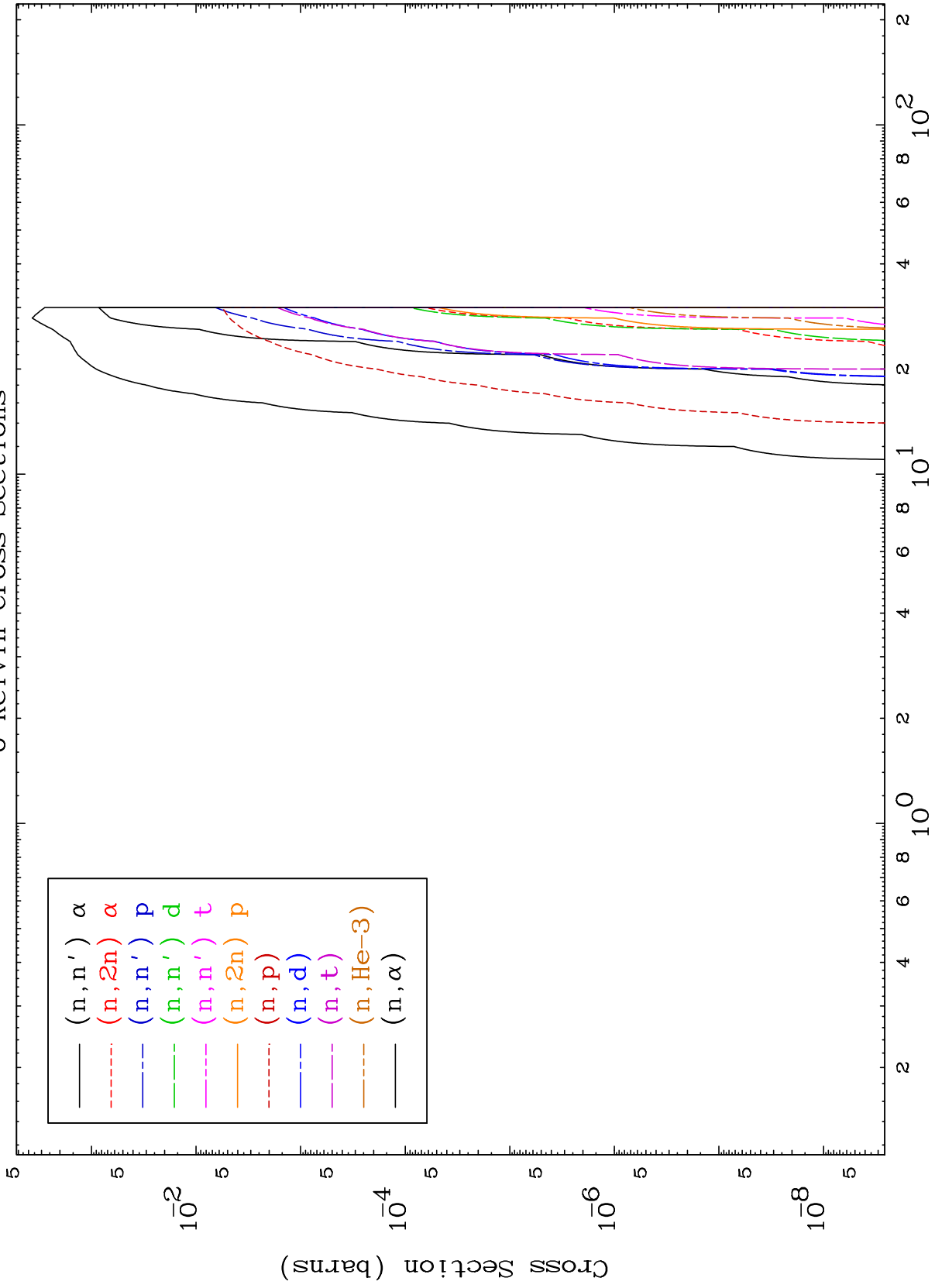
Incident Energy (MeV)

64-Gd-158

MAT 6443

α Charged Particle
0 Kelvin Cross Sections

64-Gd-158



4

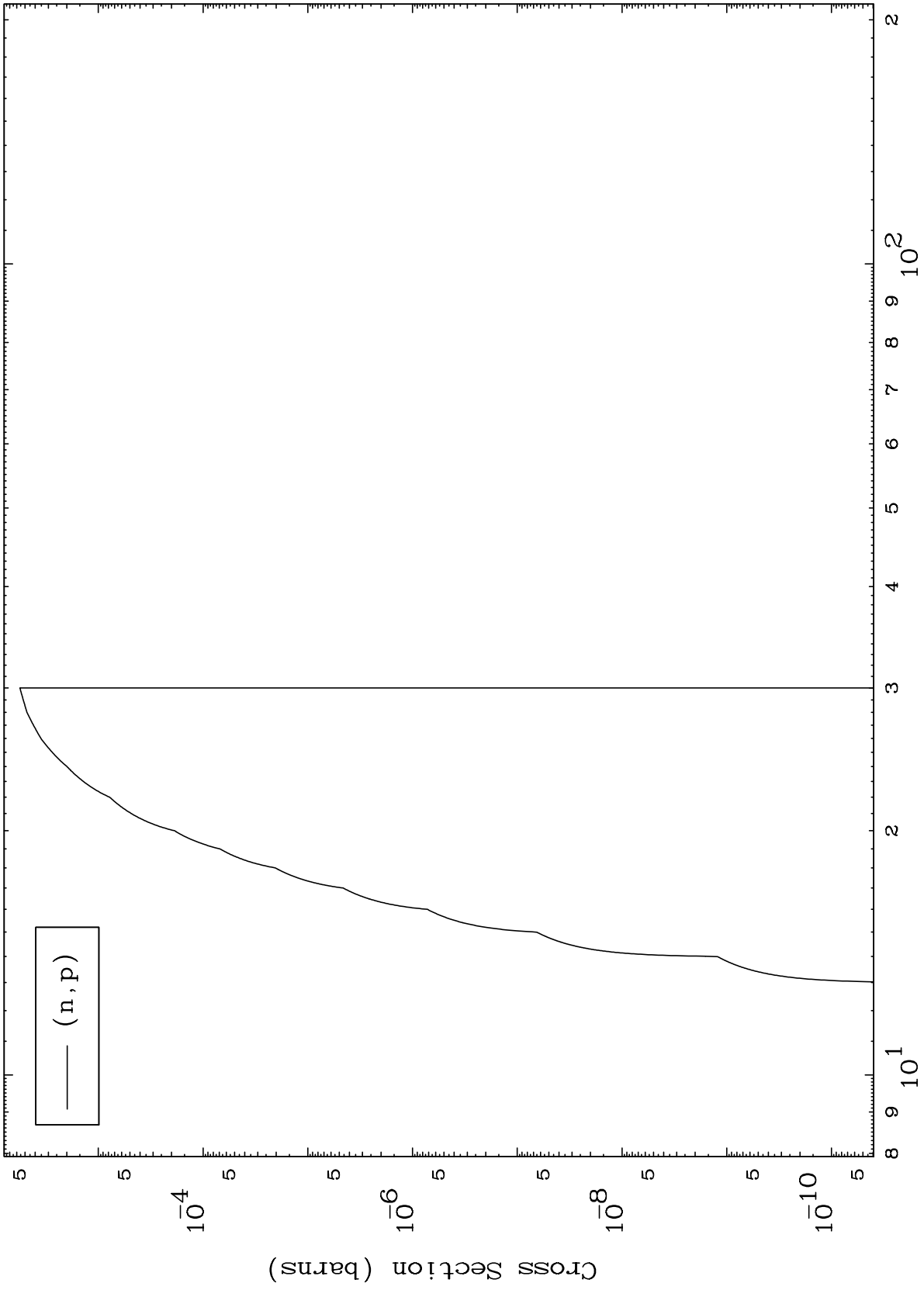
Incident Energy (MeV)

64-Gd-158

MAT 6443

(α, p) Levels
0 Kelvin Cross Sections

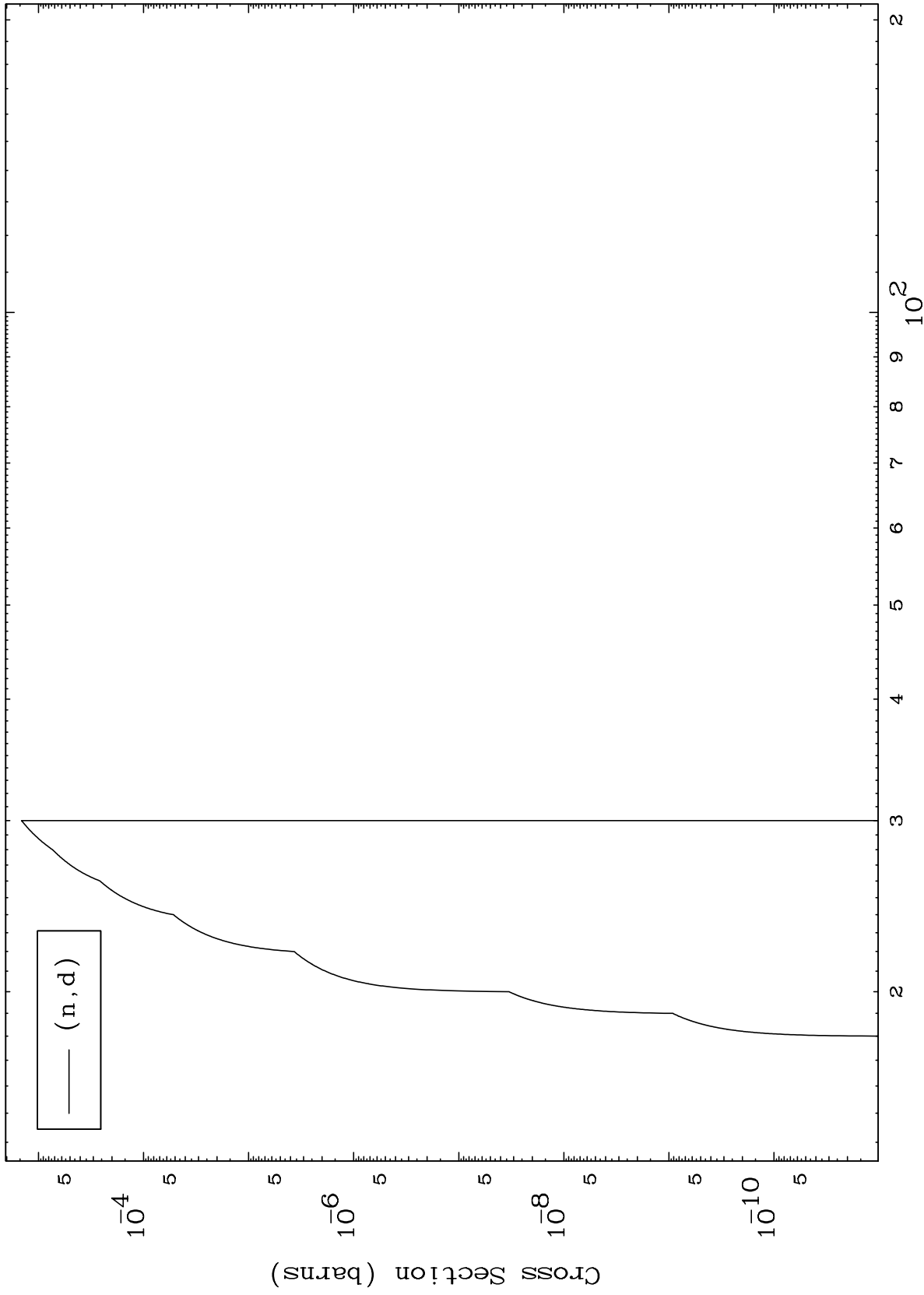
64-Gd-158



5

Incident Energy (MeV)

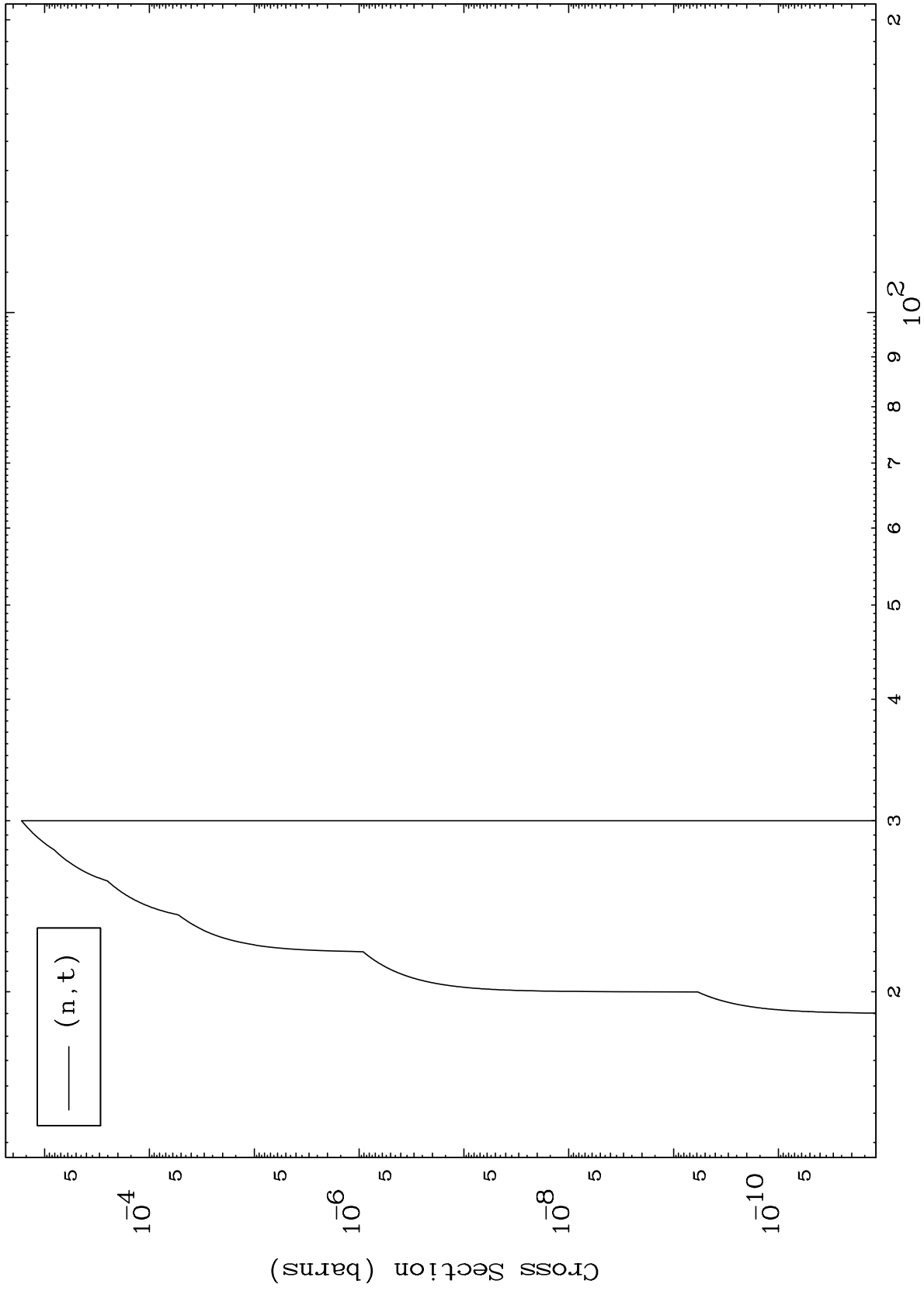
64-Gd-158



MAT 6443

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-158



7

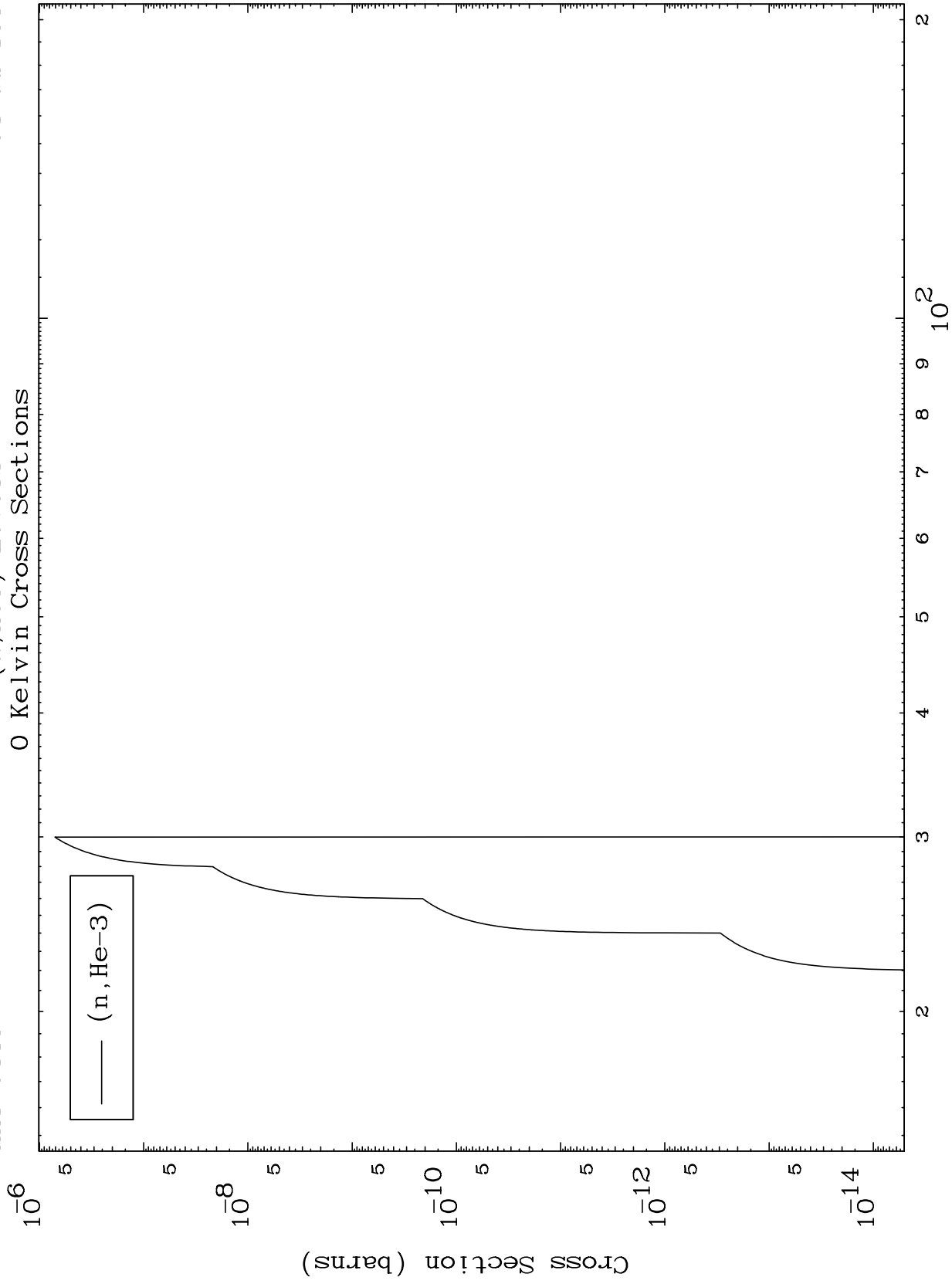
Incident Energy (MeV)

64-Gd-158

MAT 6443

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

64-Gd-158



8

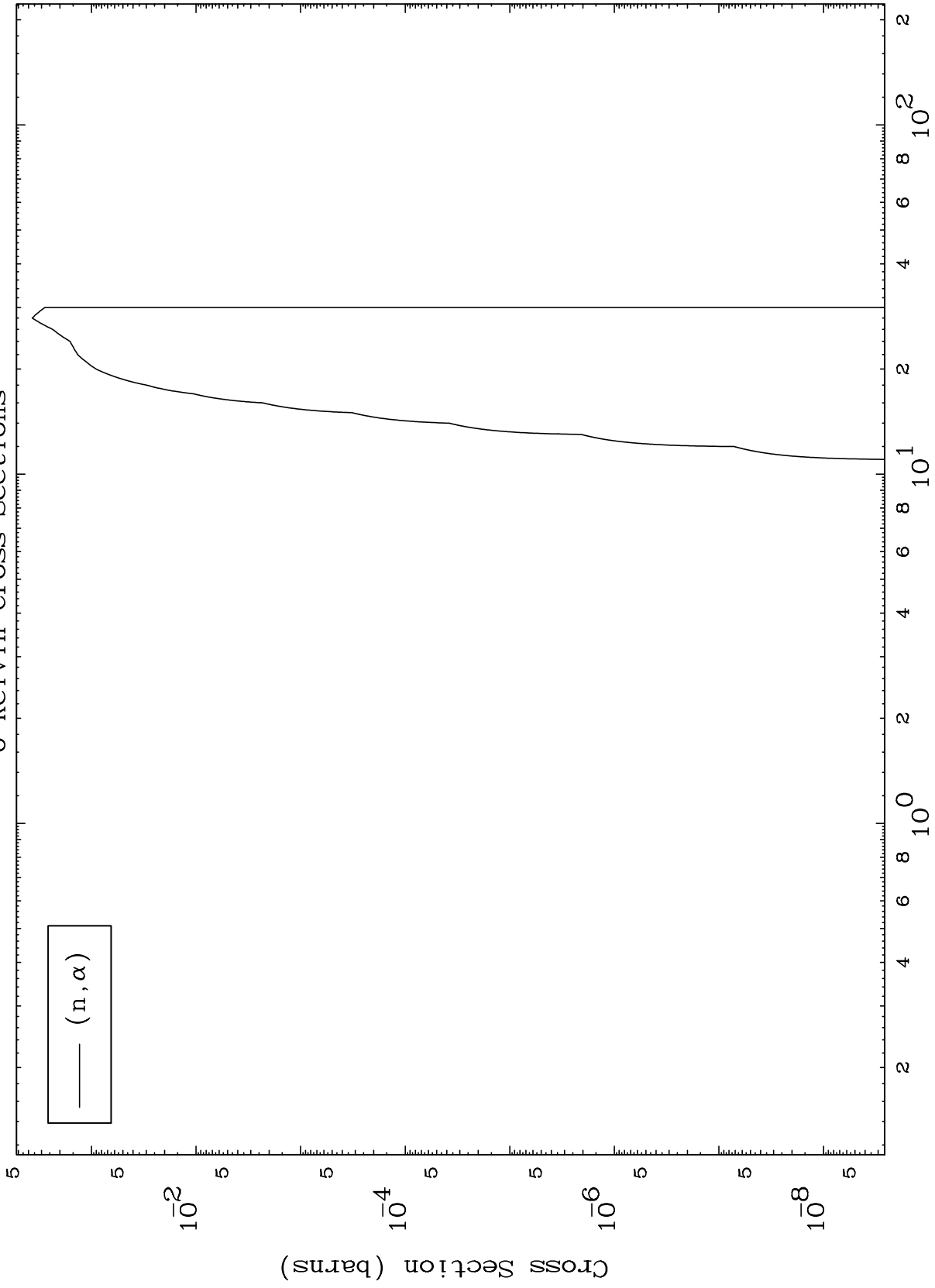
Incident Energy (MeV)

64-Gd-158

MAT 6443

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-158

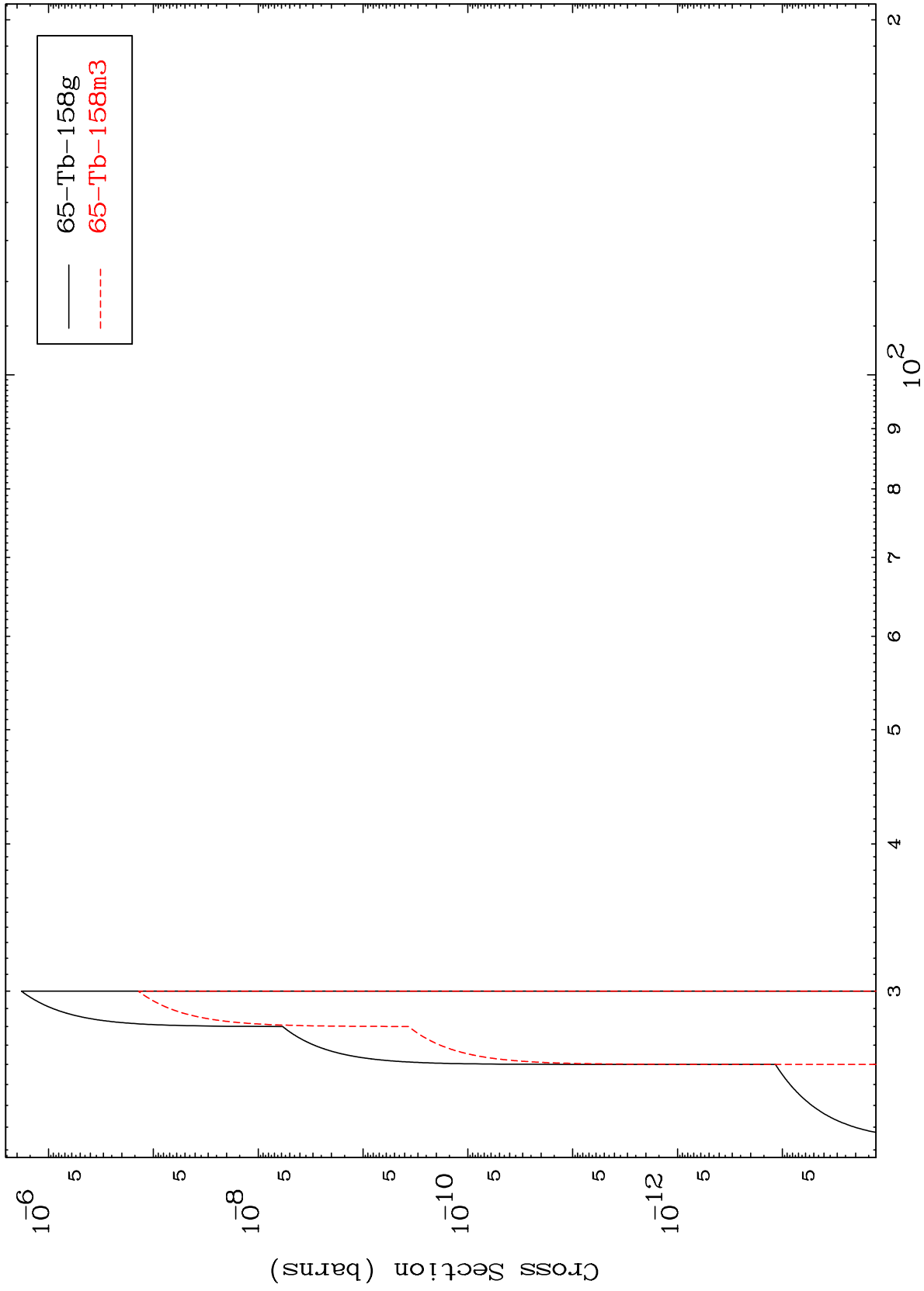


MAT 6443

(n,n') t

64-Gd-158

Radionuclide Production Cross Section



10

Incident Energy (MeV)

64-Gd-158