

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

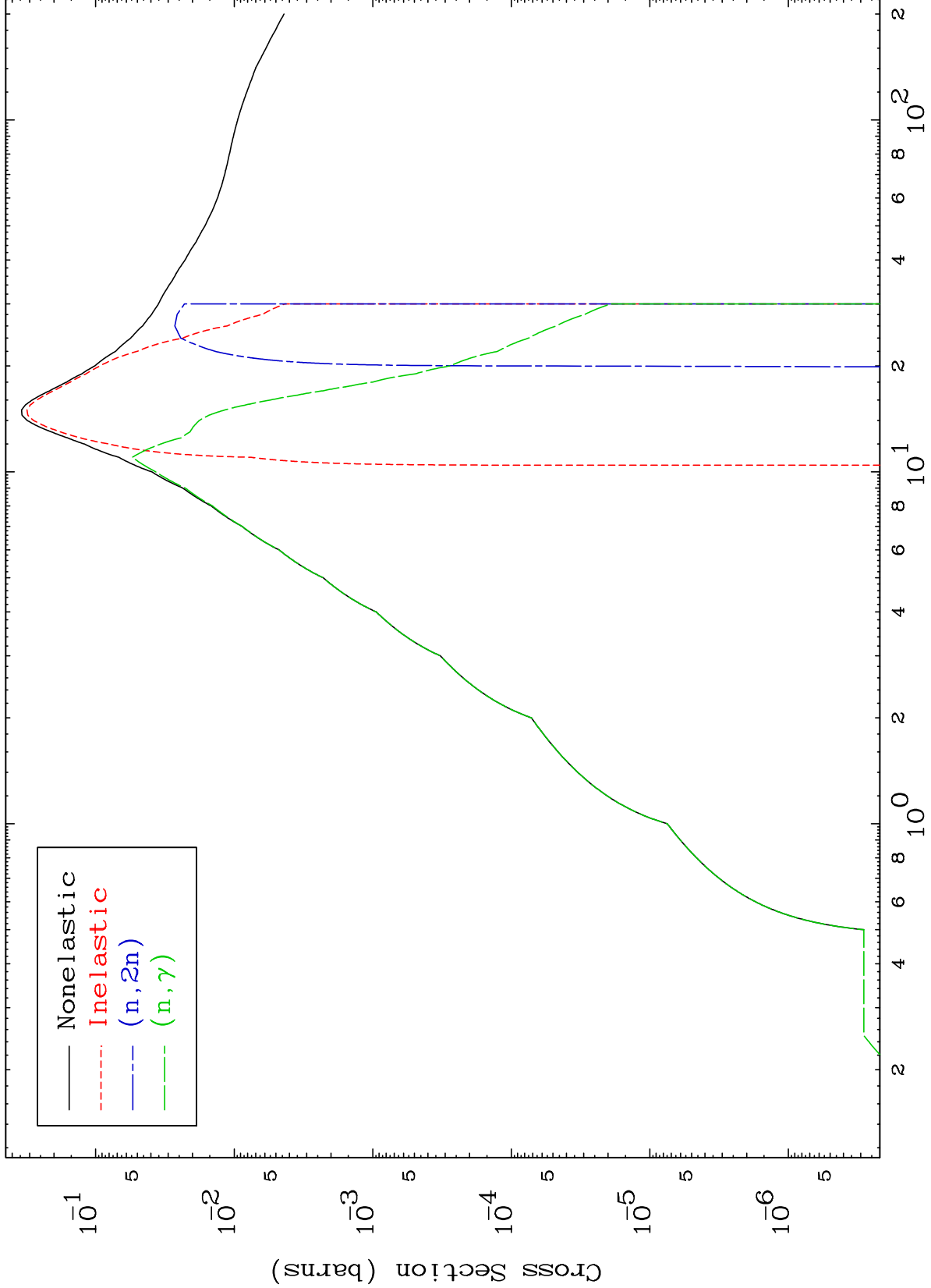
Press Mouse Button to Start

MAT 6307

Photon Major

63-Eu-145

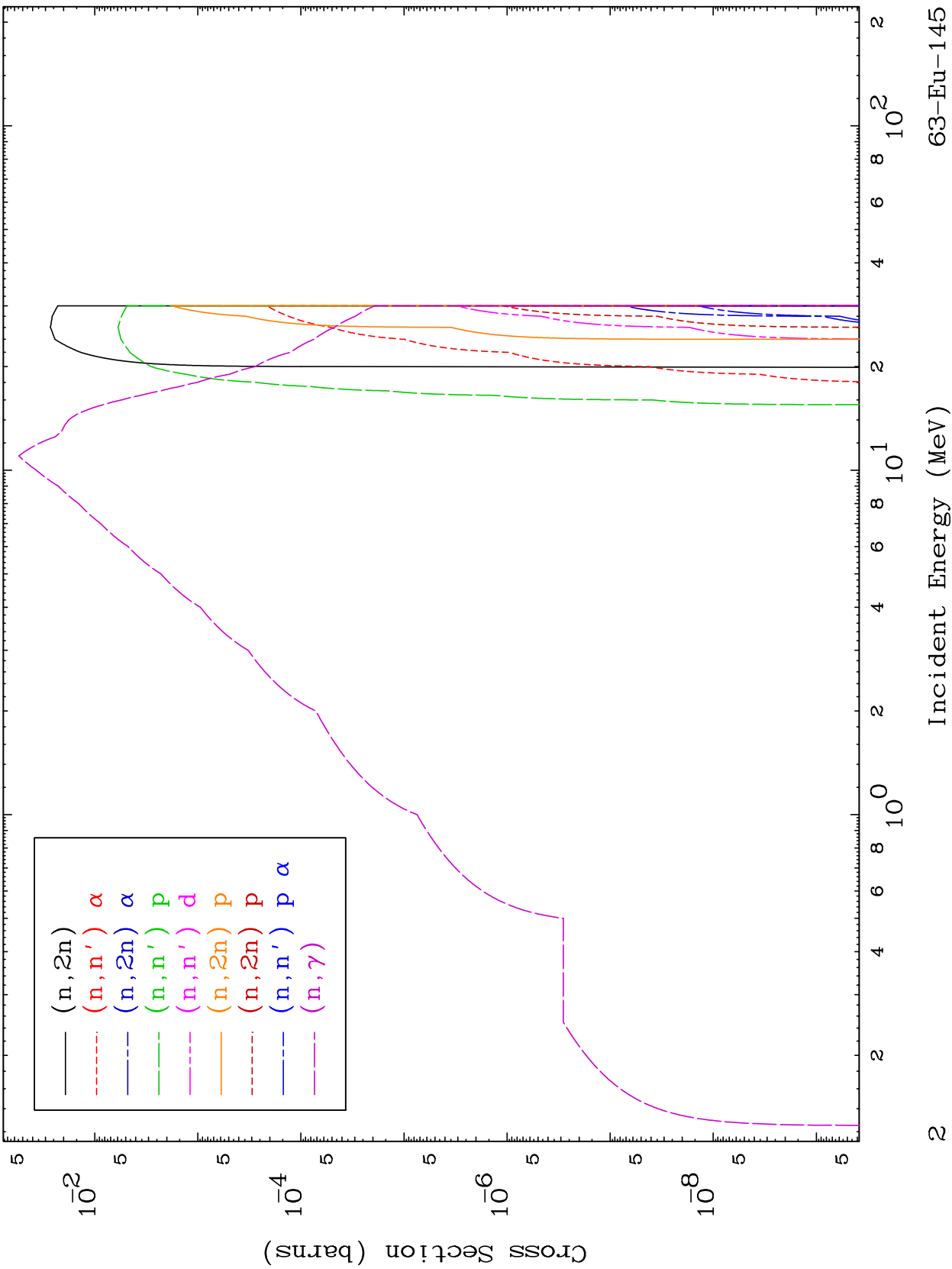
0 Kelvin Cross Sections

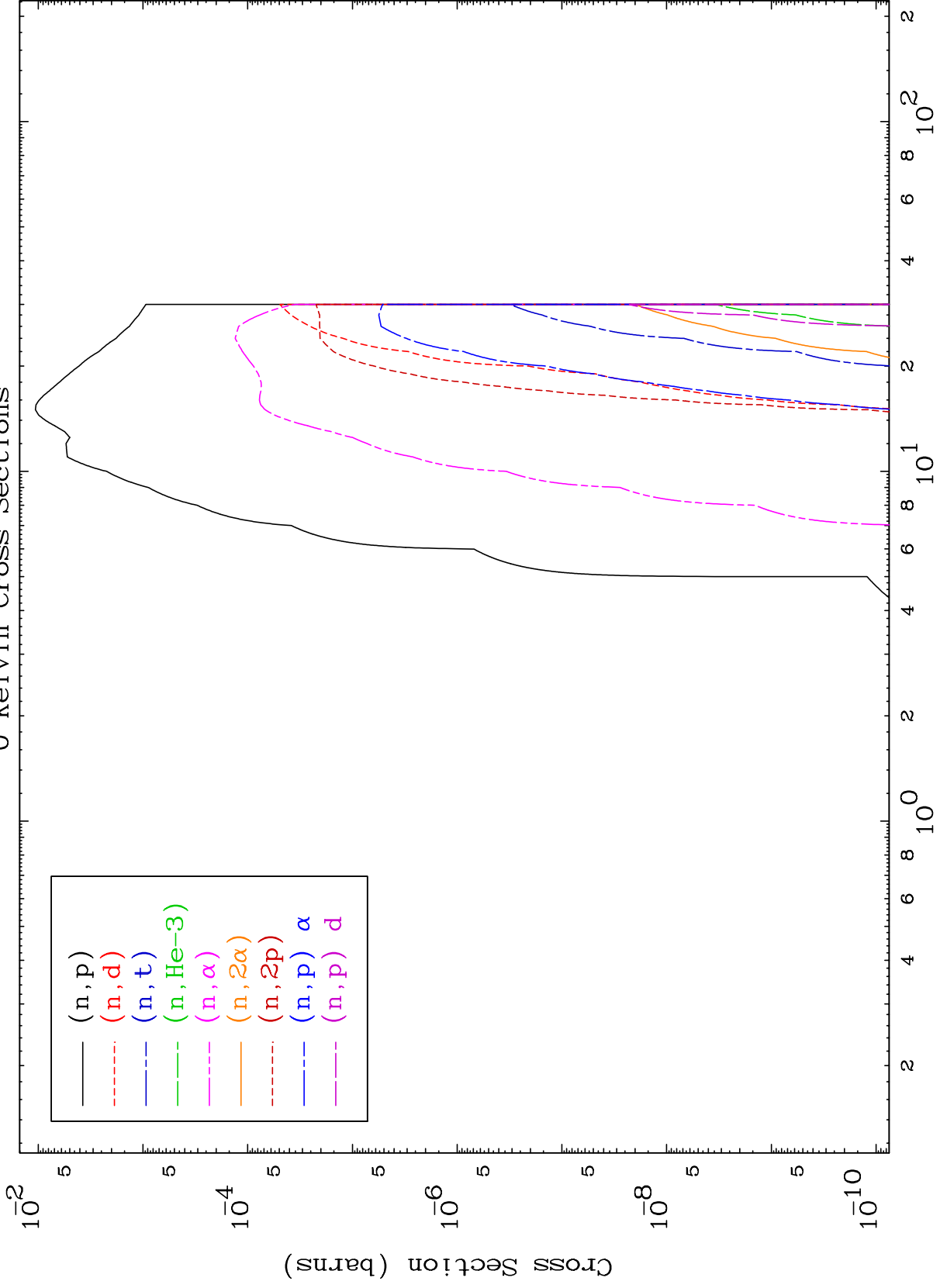


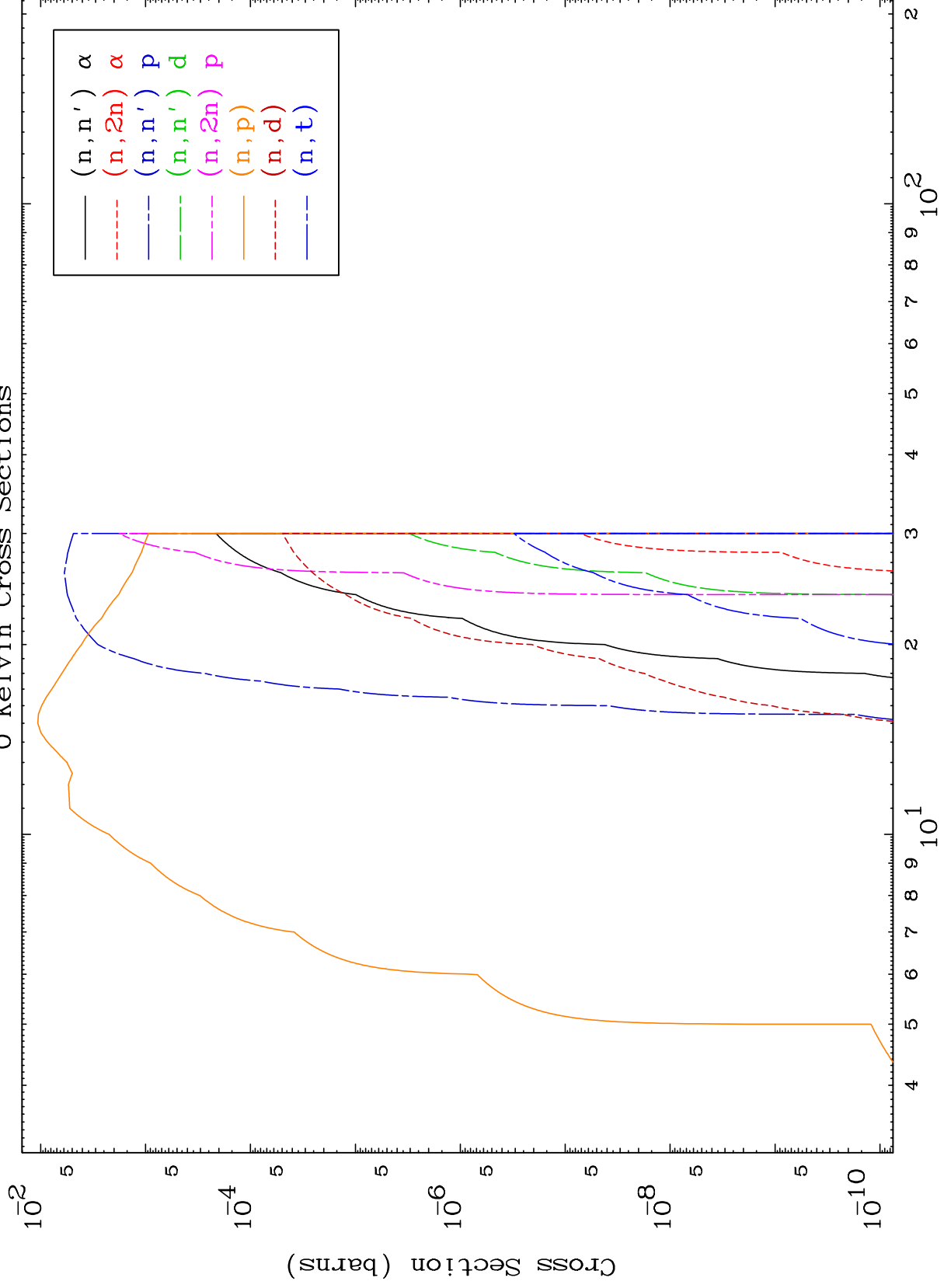
MAT 6307

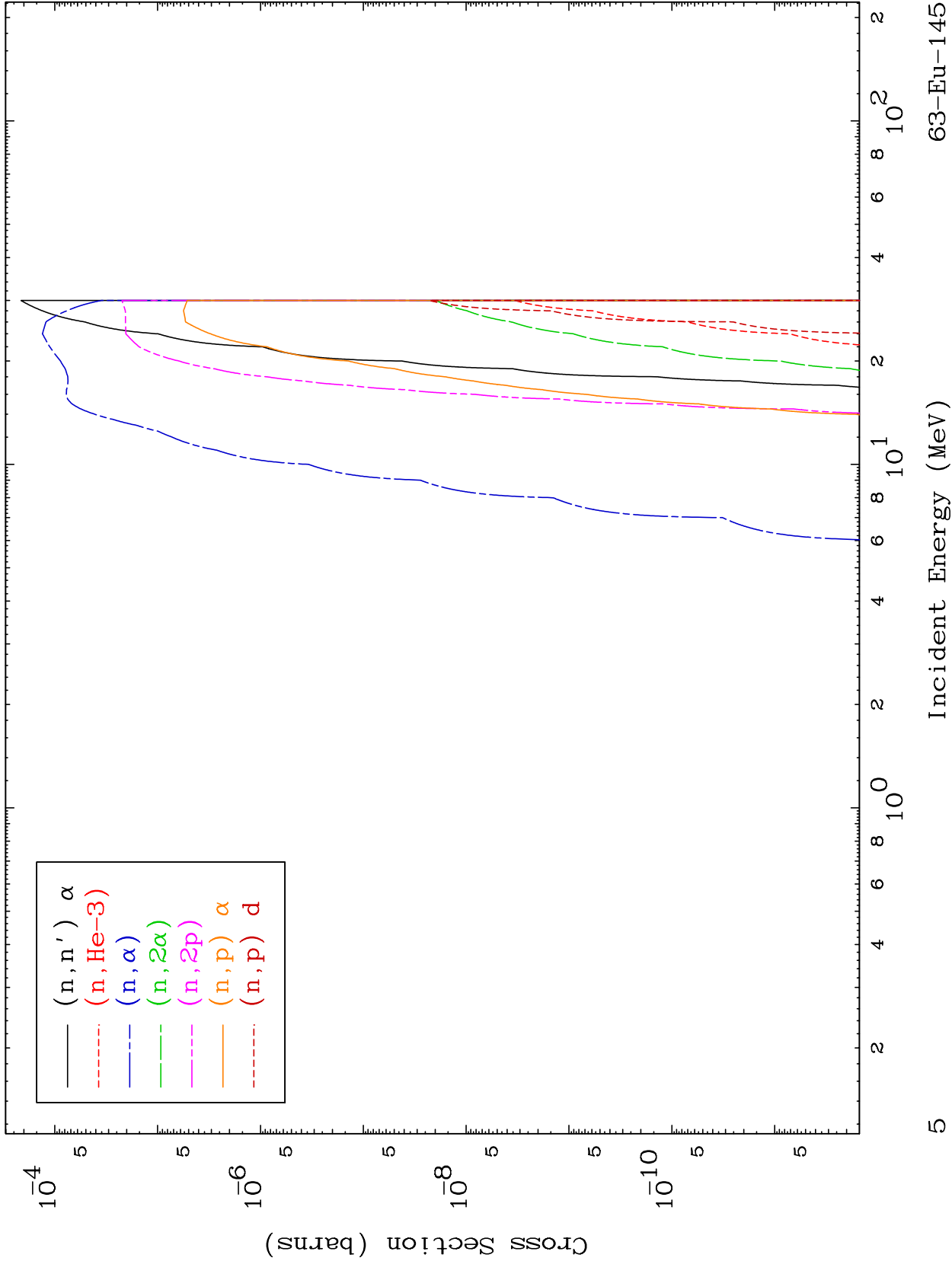
Photon Neutron Absorption
0 Kelvin Cross Sections

63-Eu-145







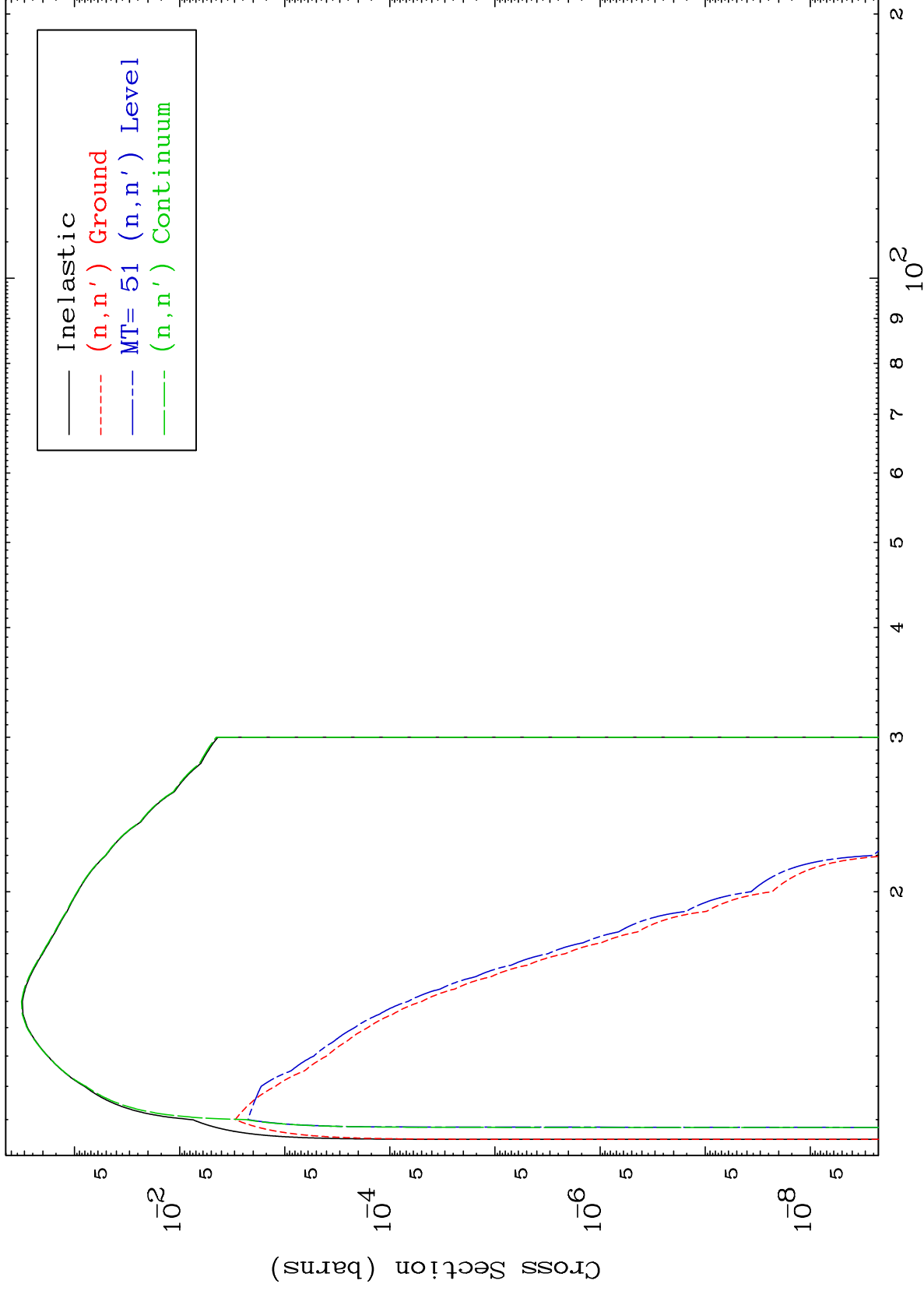


MAT 6307

(γ, n') Levels

63-Eu-145

0 Kelvin Cross Sections



Incident Energy (MeV)

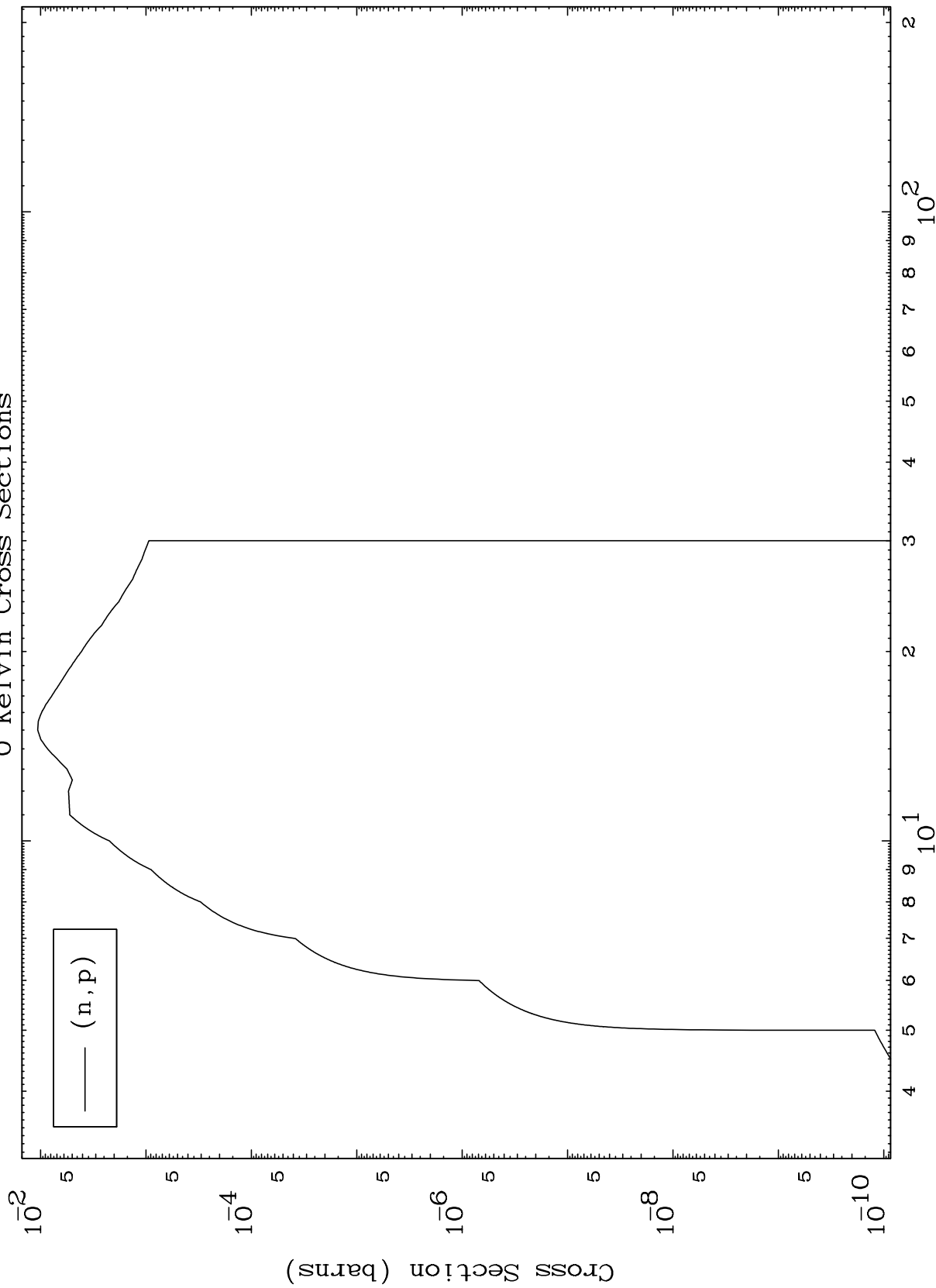
63-Eu-145

6

MAT 6307

63-Eu-145

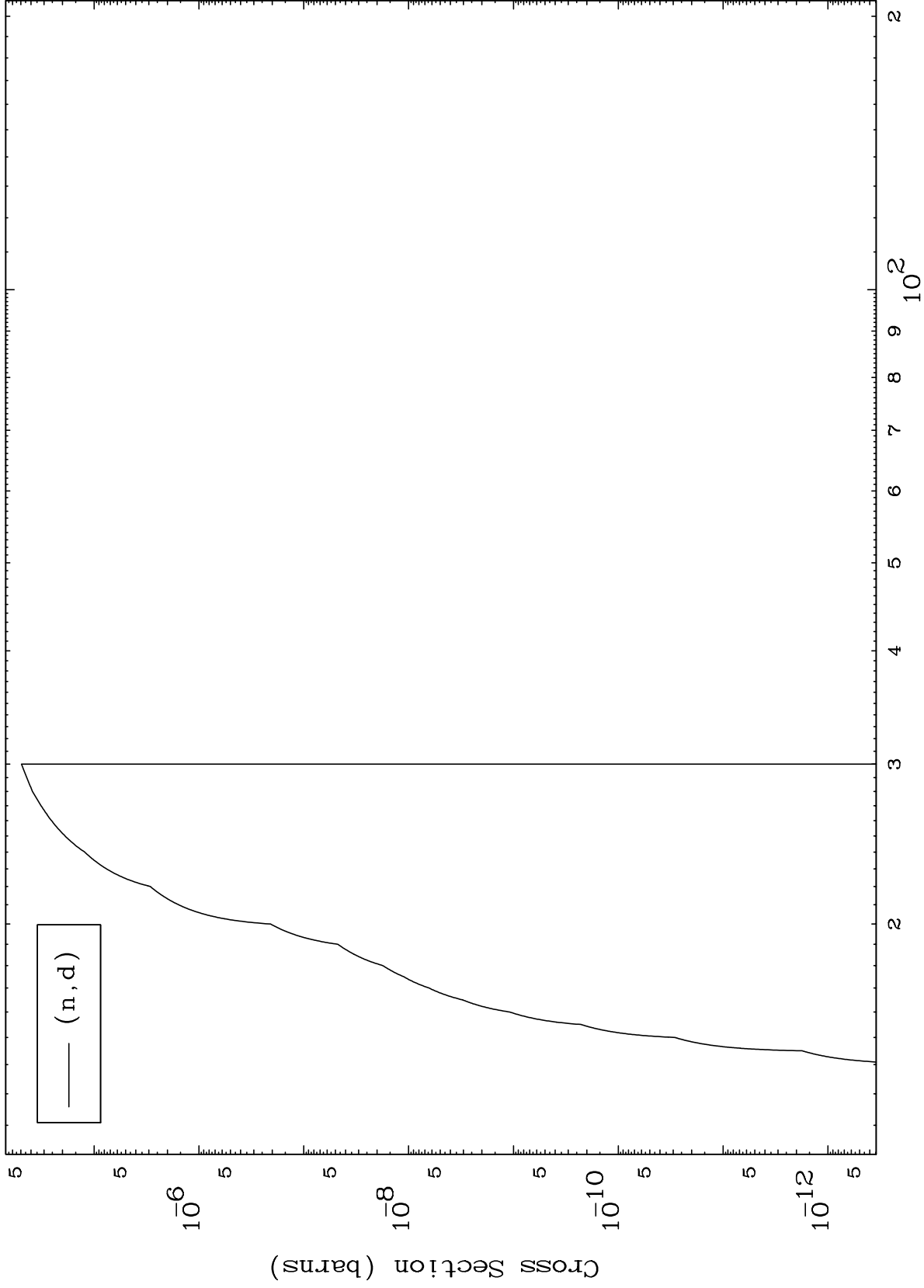
(γ, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

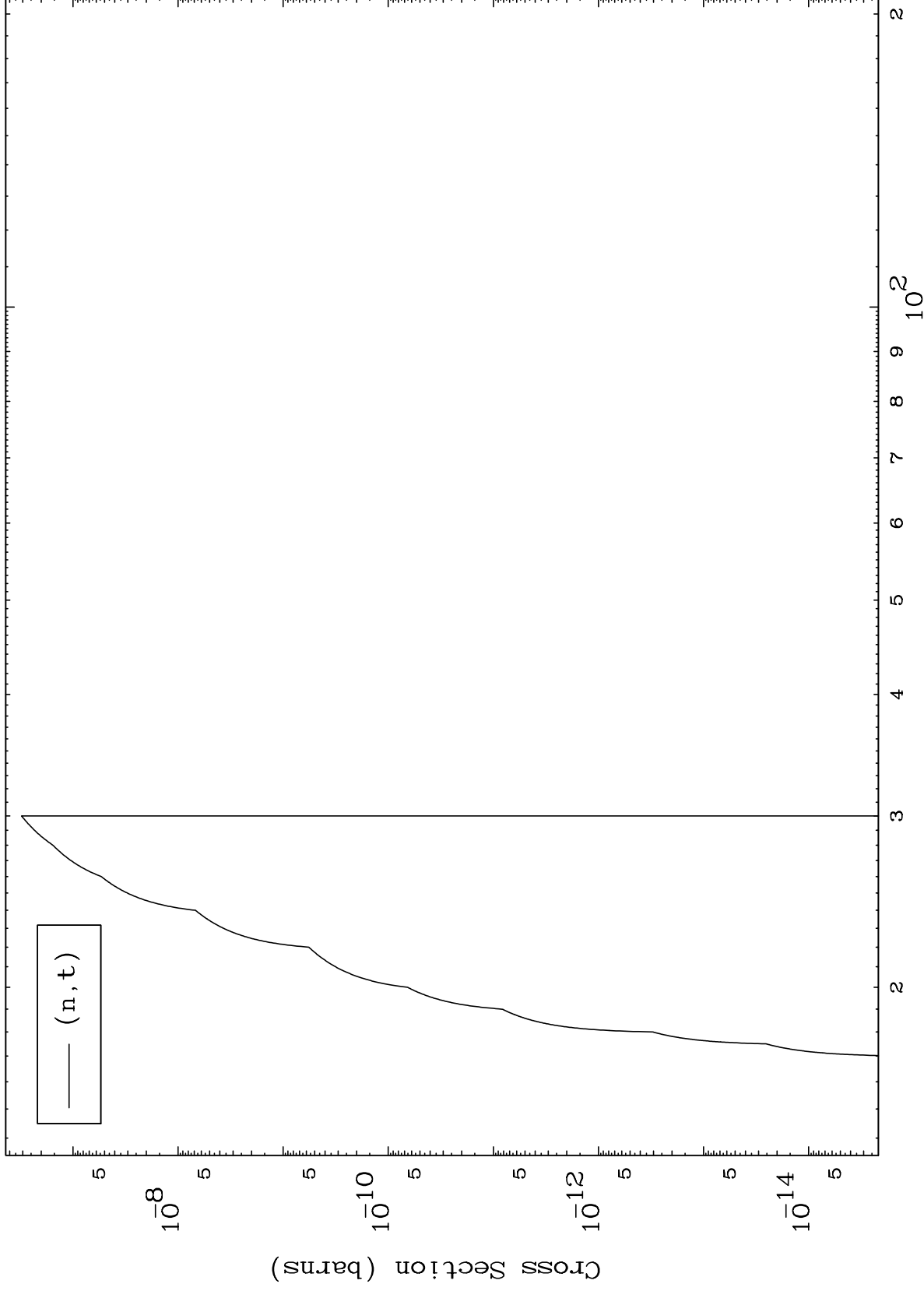
63-Eu-145



MAT 6307

(γ, t) Levels
0 Kelvin Cross Sections

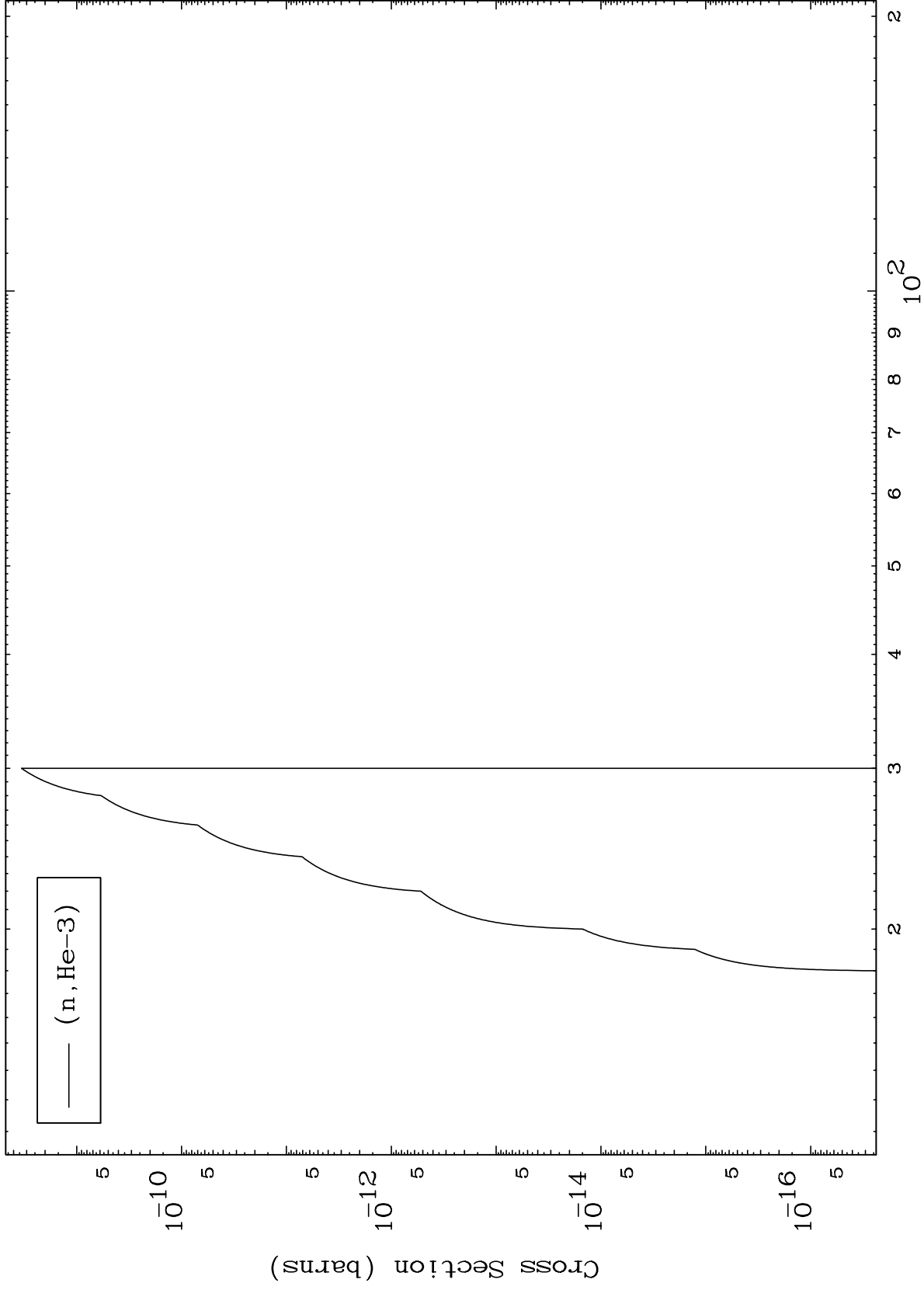
63-Eu-145



MAT 6307

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

63-Eu-145



10

Incident Energy (MeV)

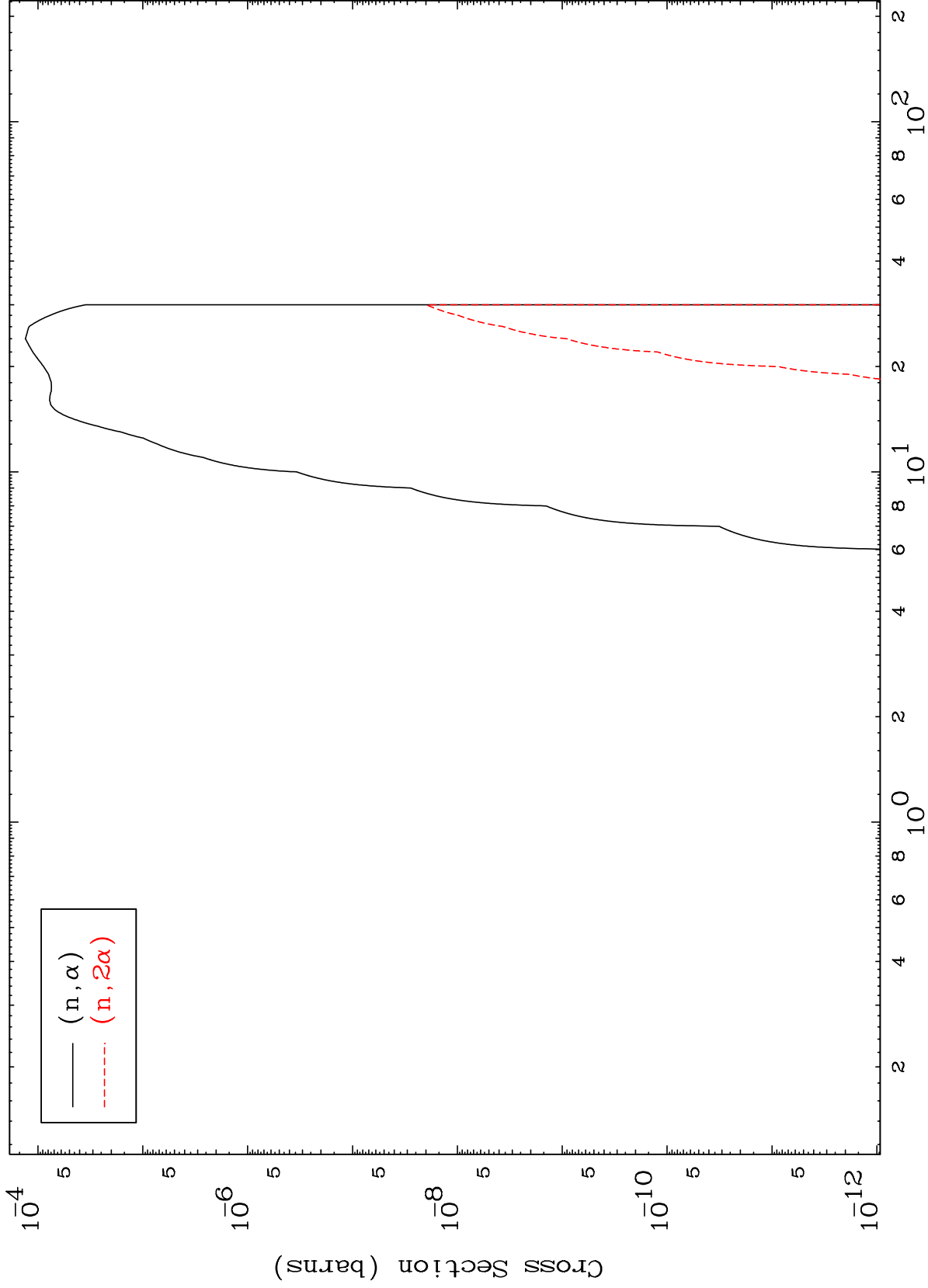
63-Eu-145

MAT 6307

(γ, α) Levels

63-Eu-145

0 Kelvin Cross Sections

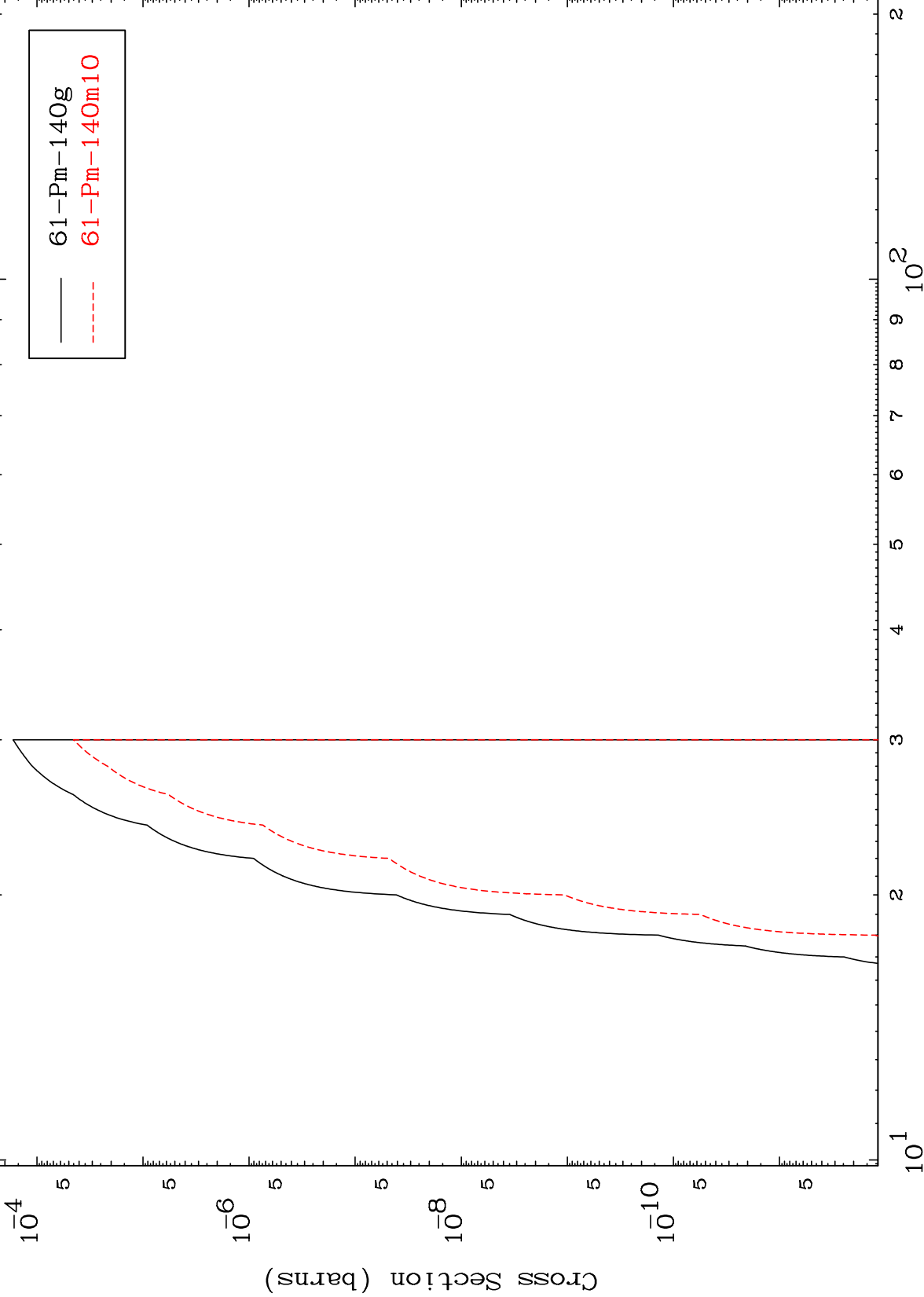


MAT 6307

$(n, n') \alpha$

63-Eu-145

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

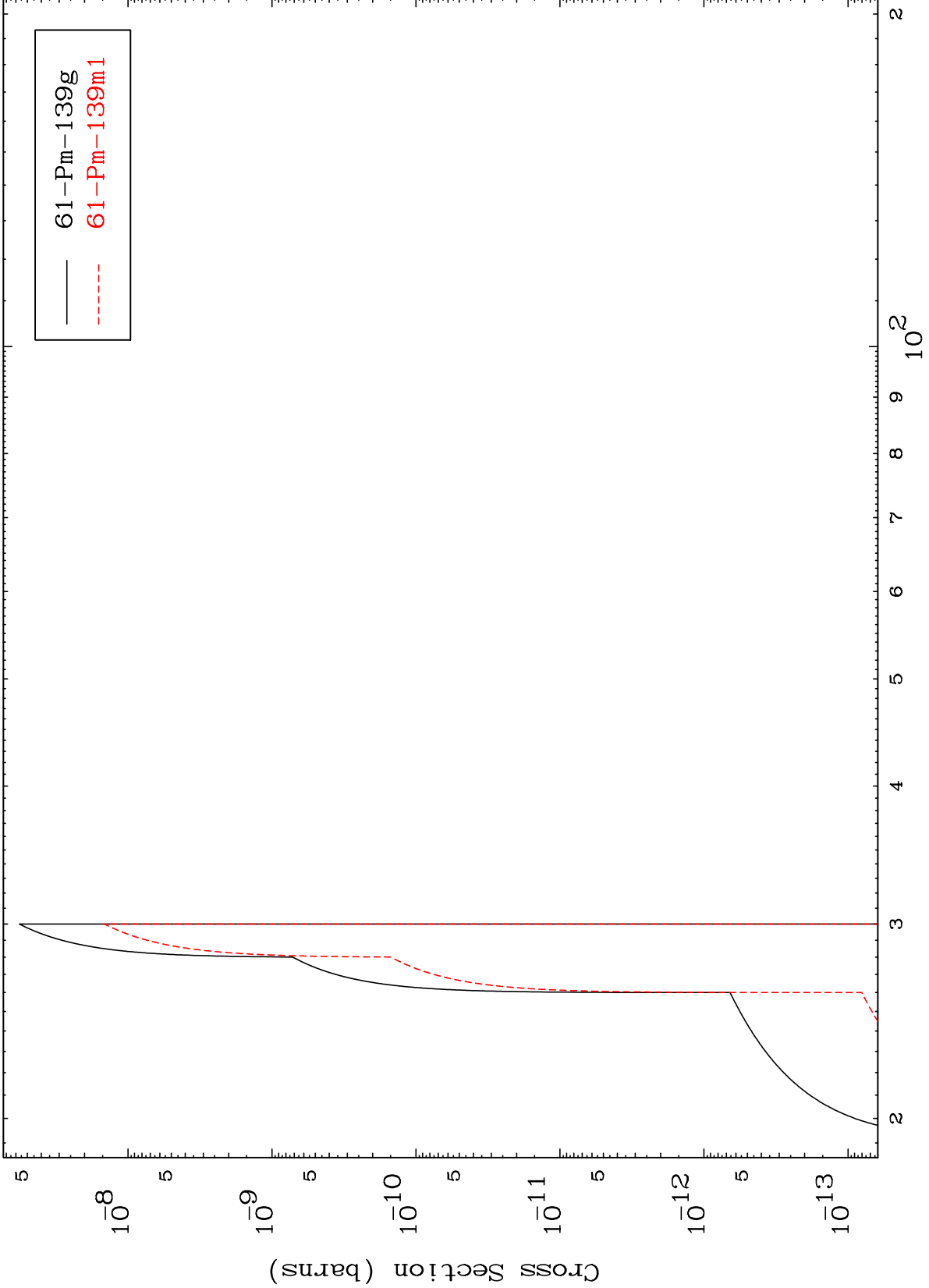
63-Eu-145

MAT 6307

$(n,2n) \alpha$

63-Eu-145

Radionuclide Production Cross Section



13

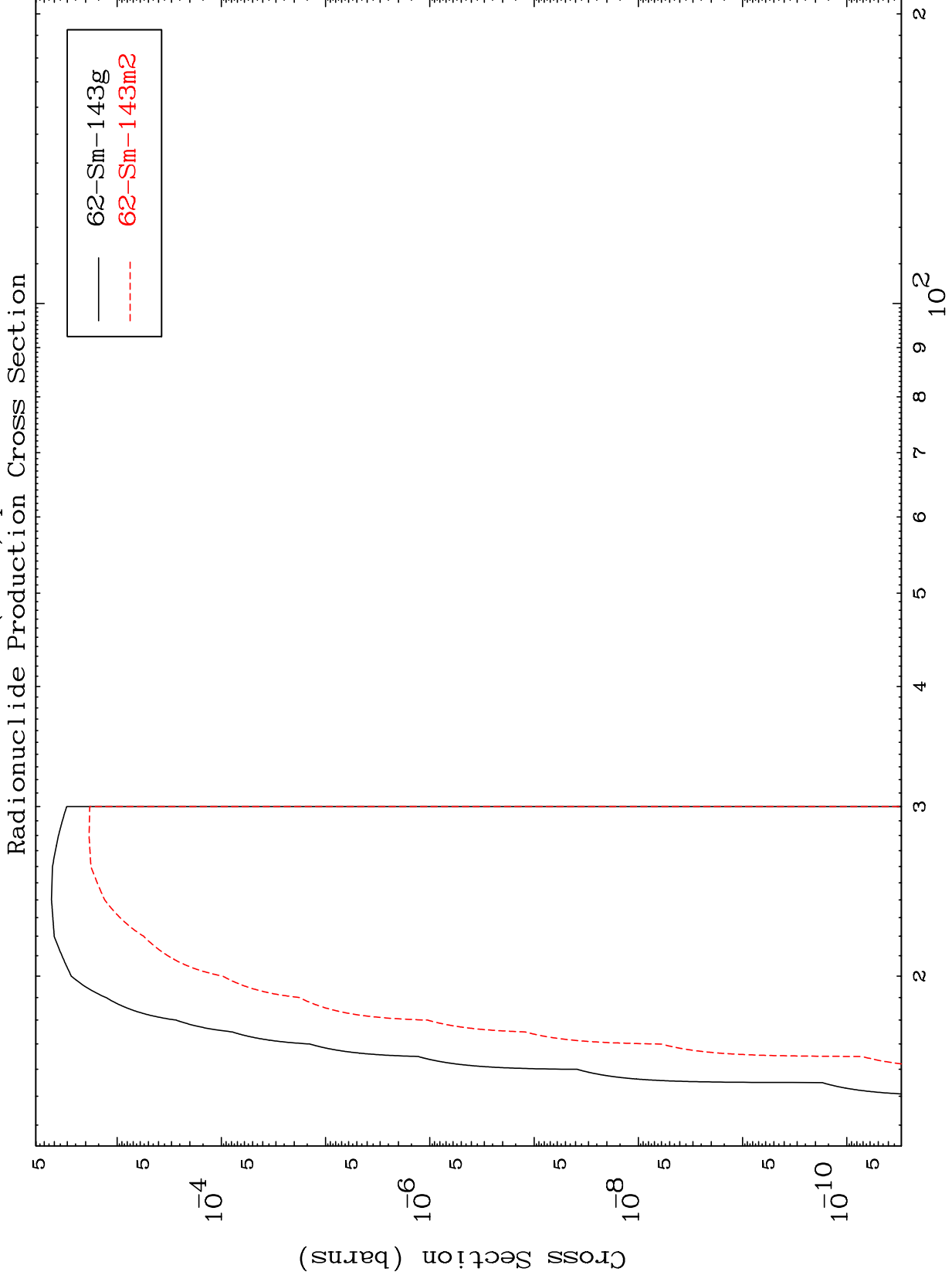
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') p

63-Eu-145



14

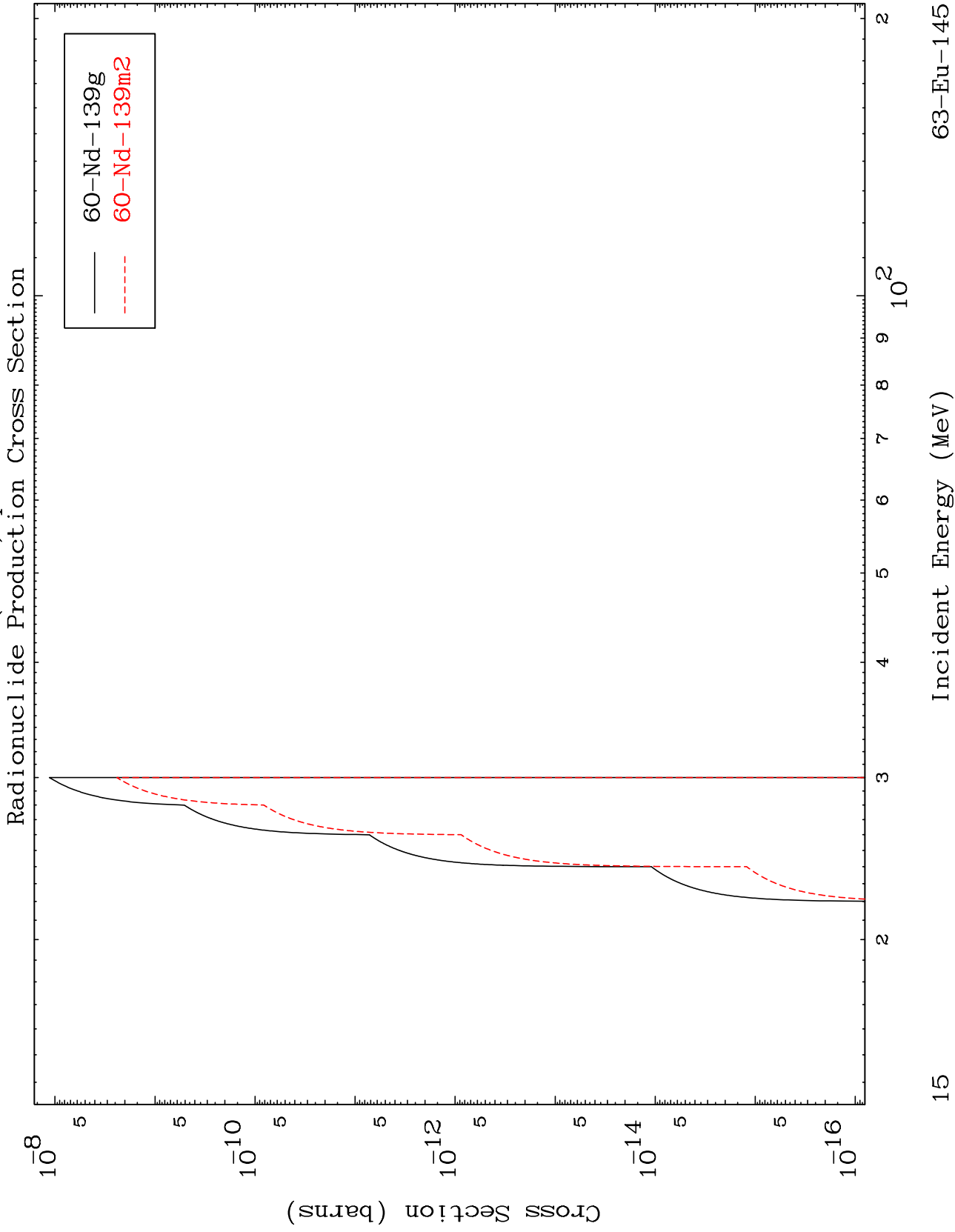
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') p α

63-Eu-145



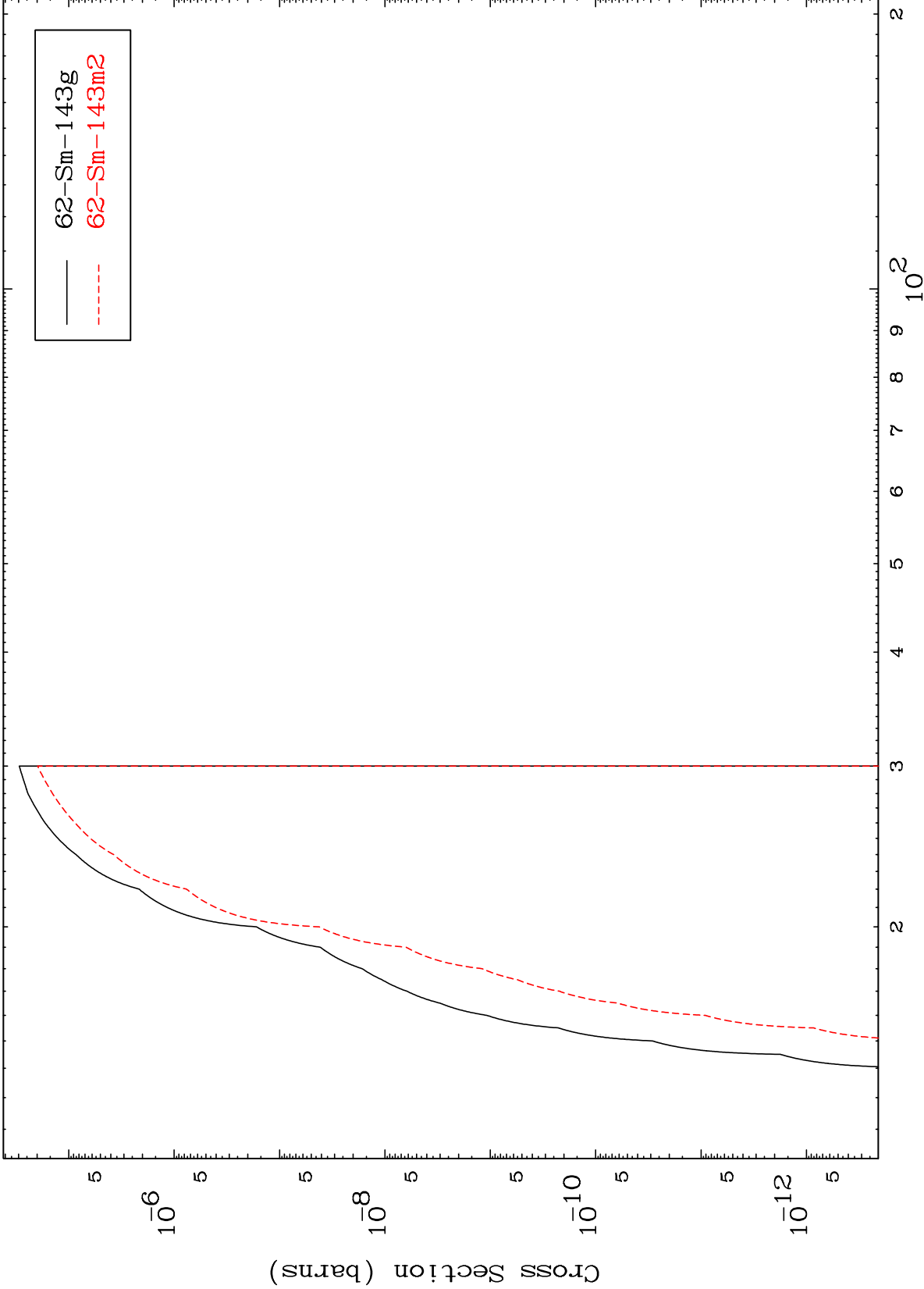
15

MAT 6307

(n,d)

63-Eu-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

63-Eu-145