

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

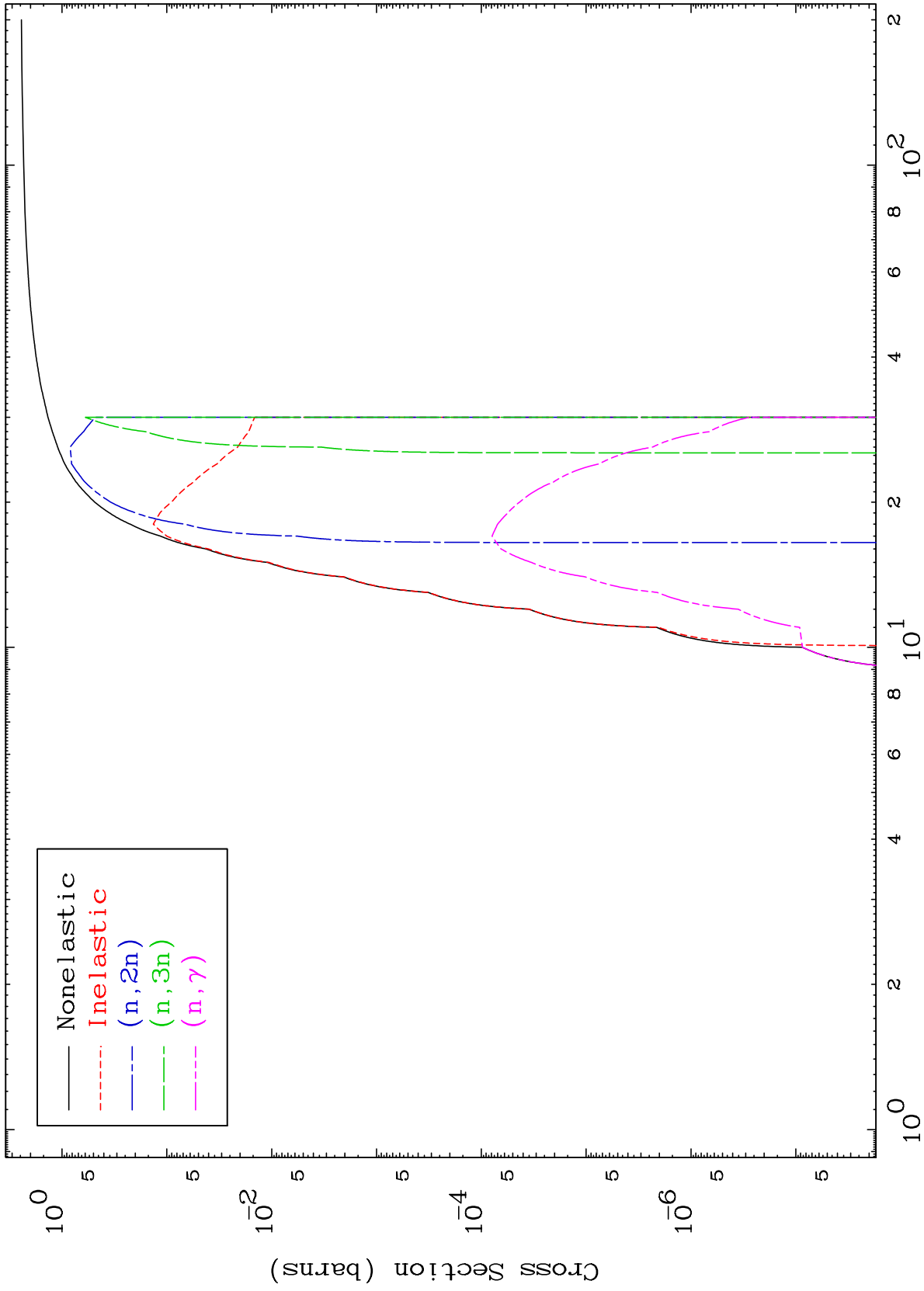
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6243

0 Kelvin  $\alpha$  Major

62-Sm-150



1

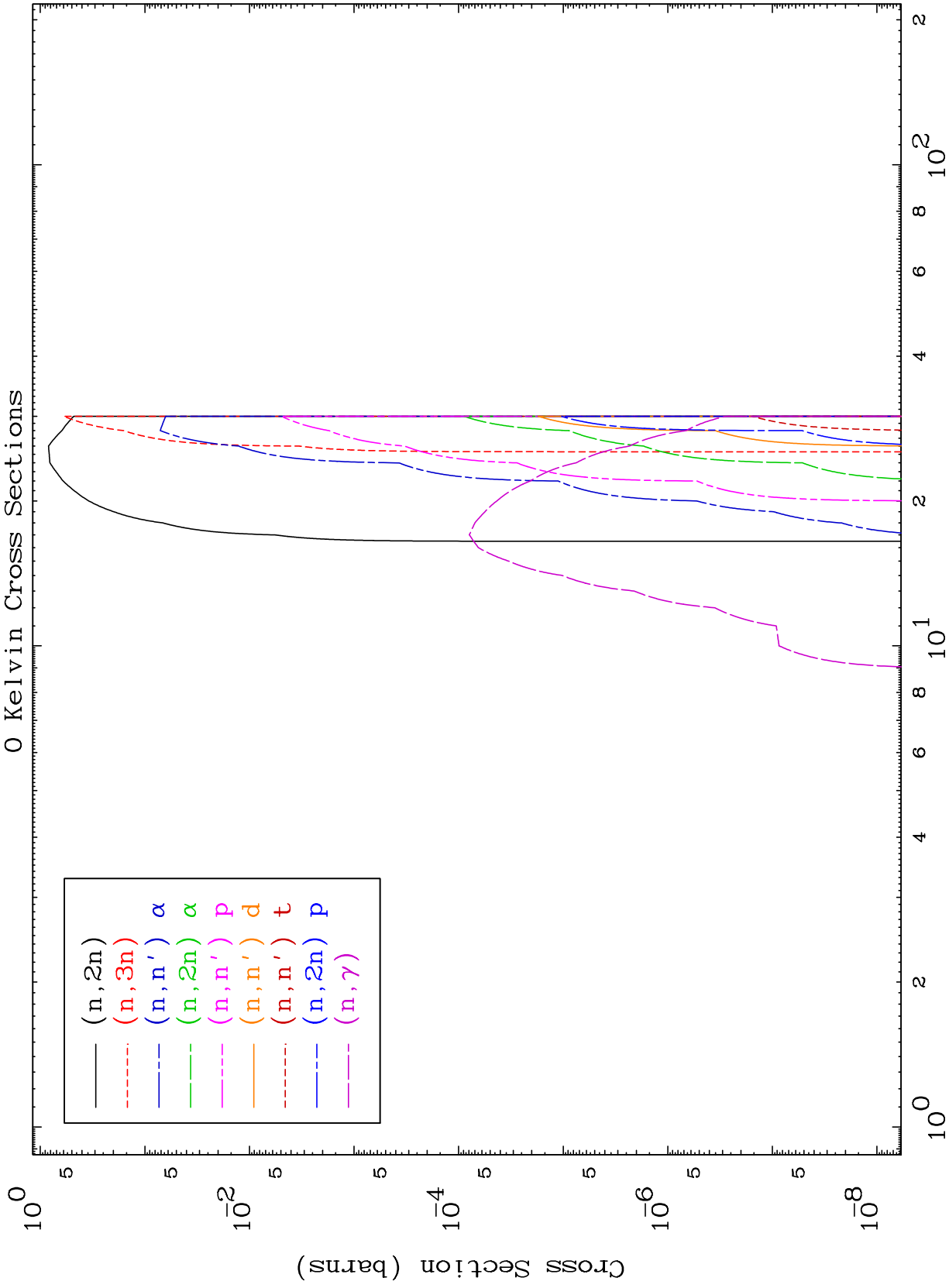
Incident Energy (MeV)

62-Sm-150

MAT 6243

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-150



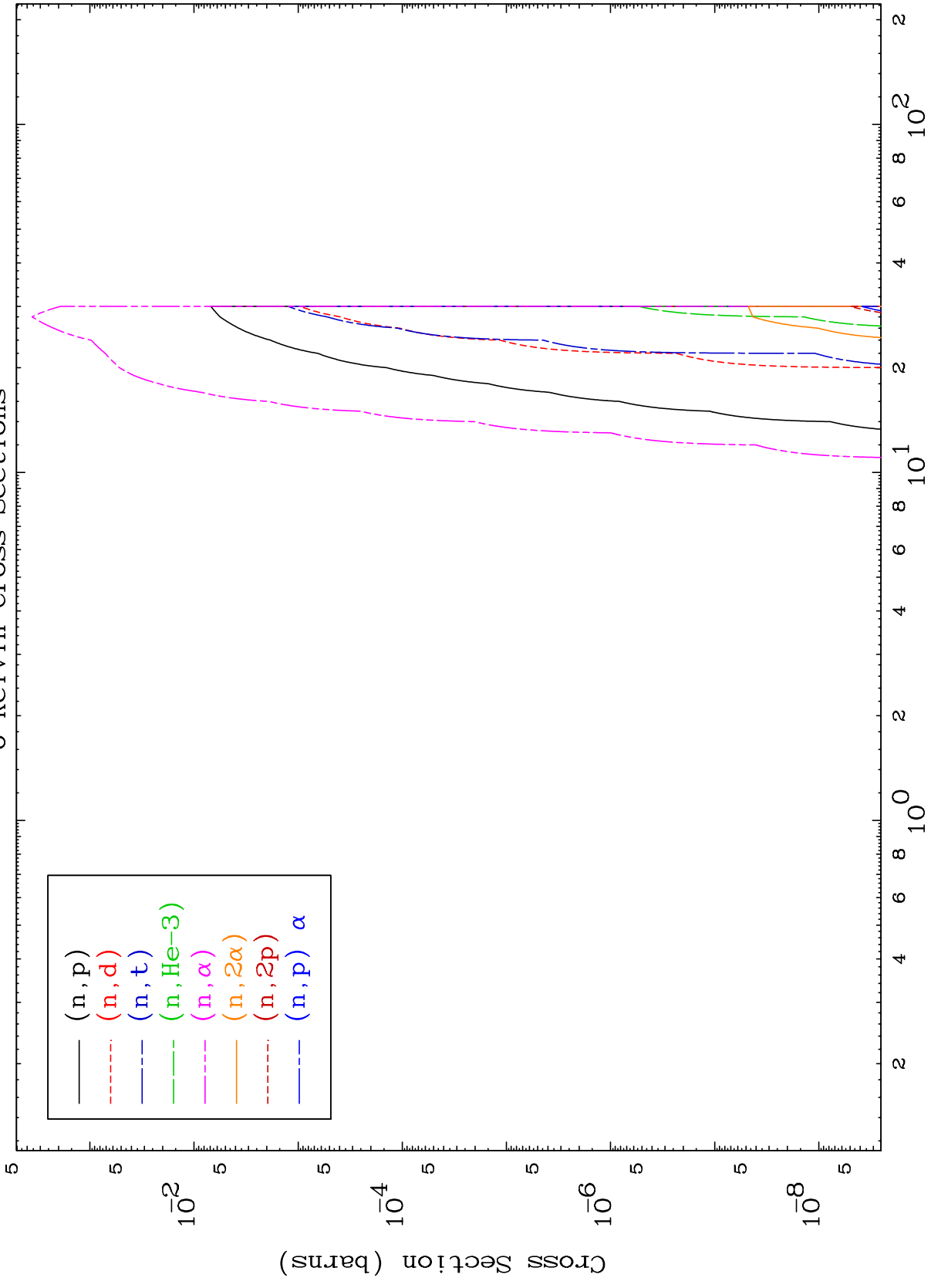
Incident Energy (MeV)

62-Sm-150

MAT 6243

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-150



3

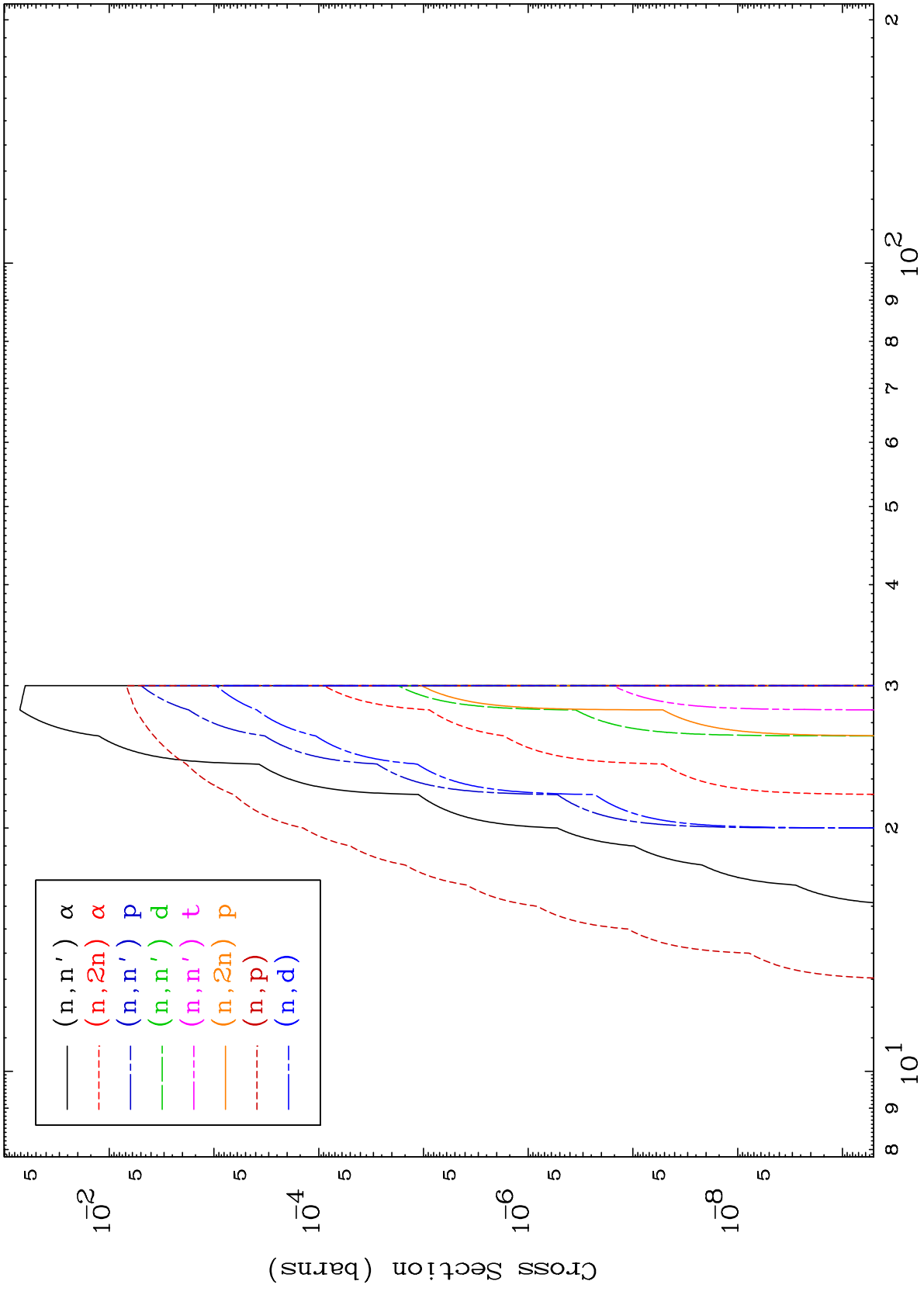
Incident Energy (MeV)

62-Sm-150

MAT 6243

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

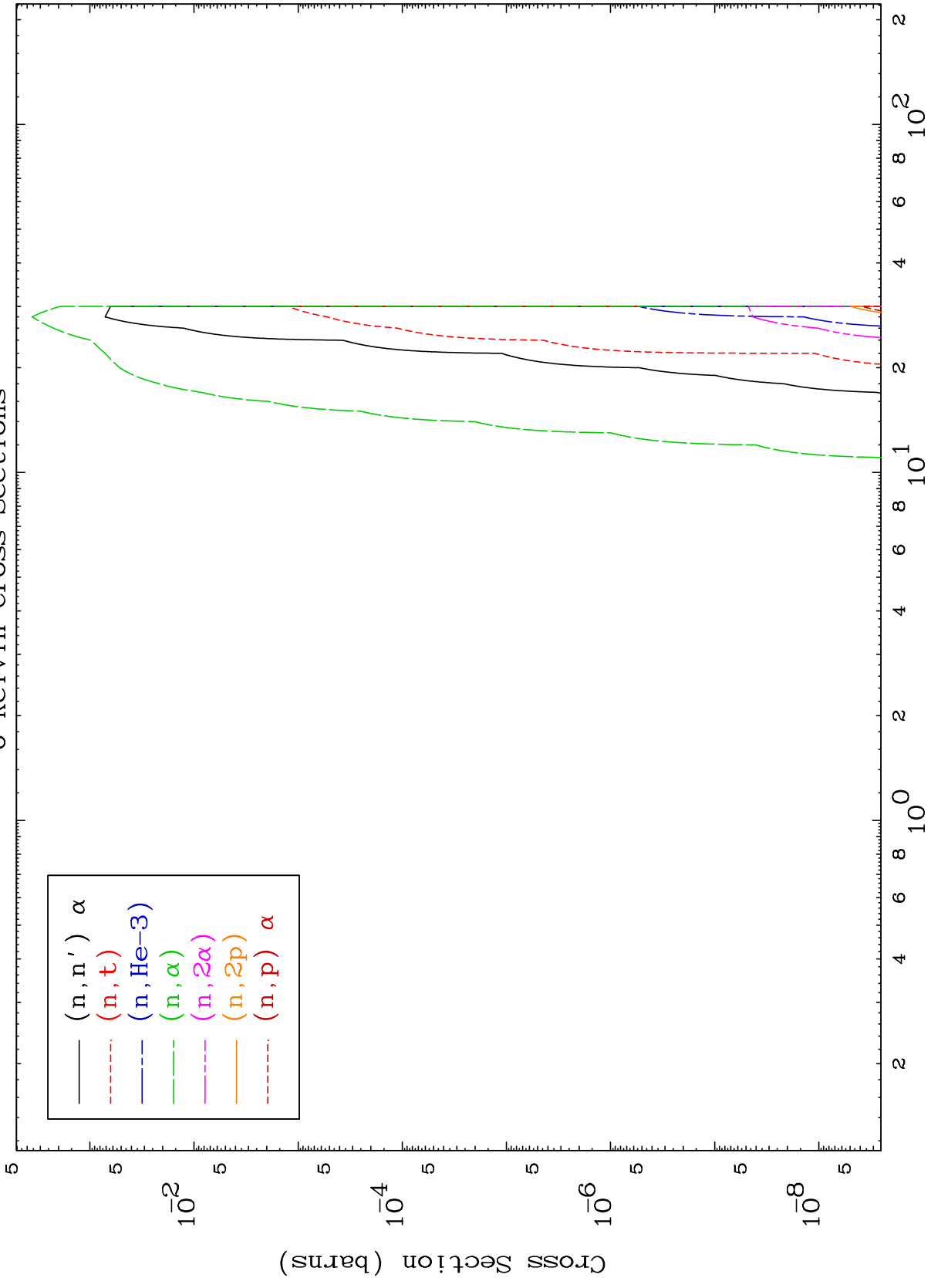
62-Sm-150



MAT 6243

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

62-Sm-150



5

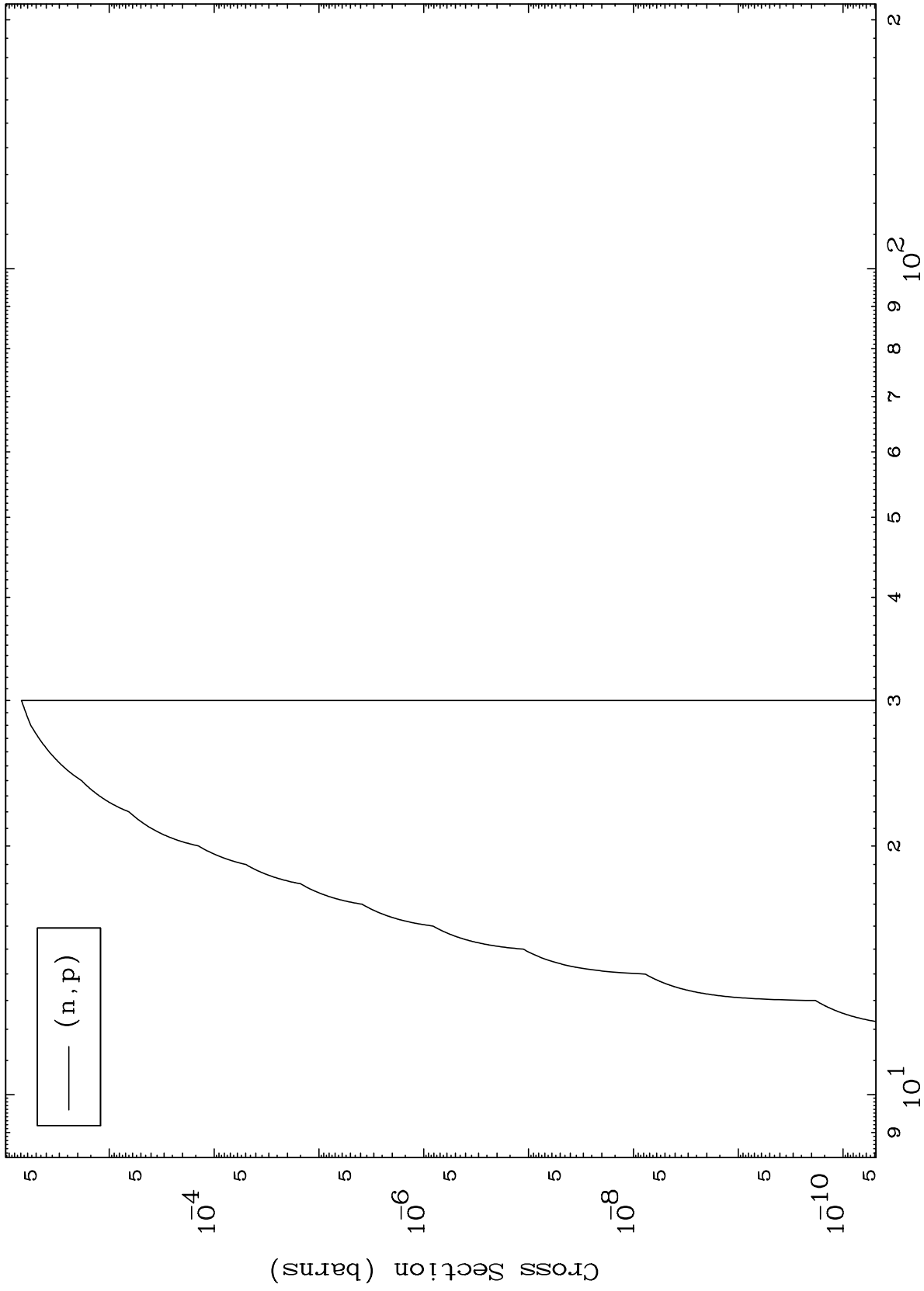
Incident Energy (MeV)

62-Sm-150

MAT 6243

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

62-Sm-150



6

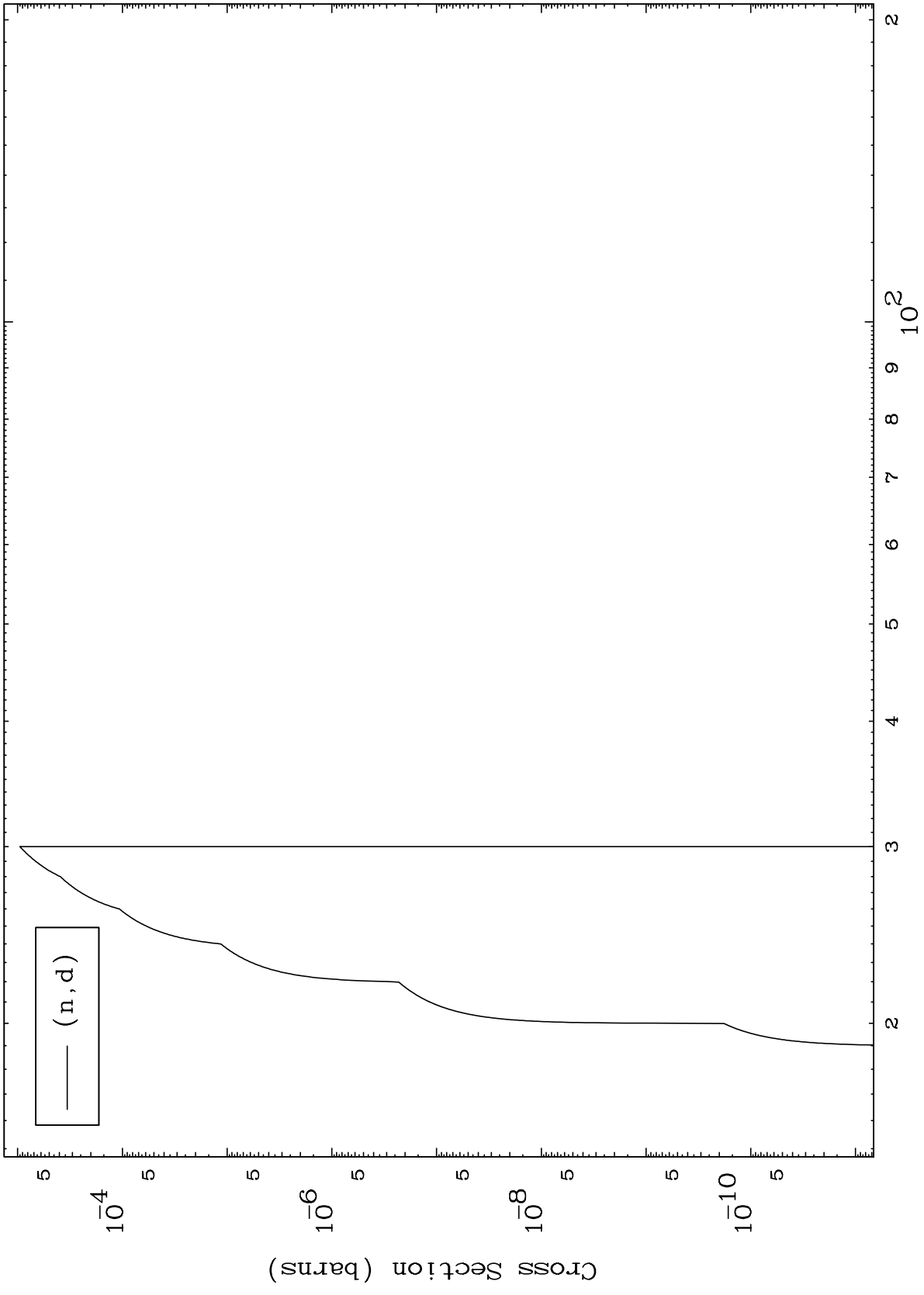
Incident Energy (MeV)

62-Sm-150

MAT 6243

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

62-Sm-150



7

Incident Energy (MeV)

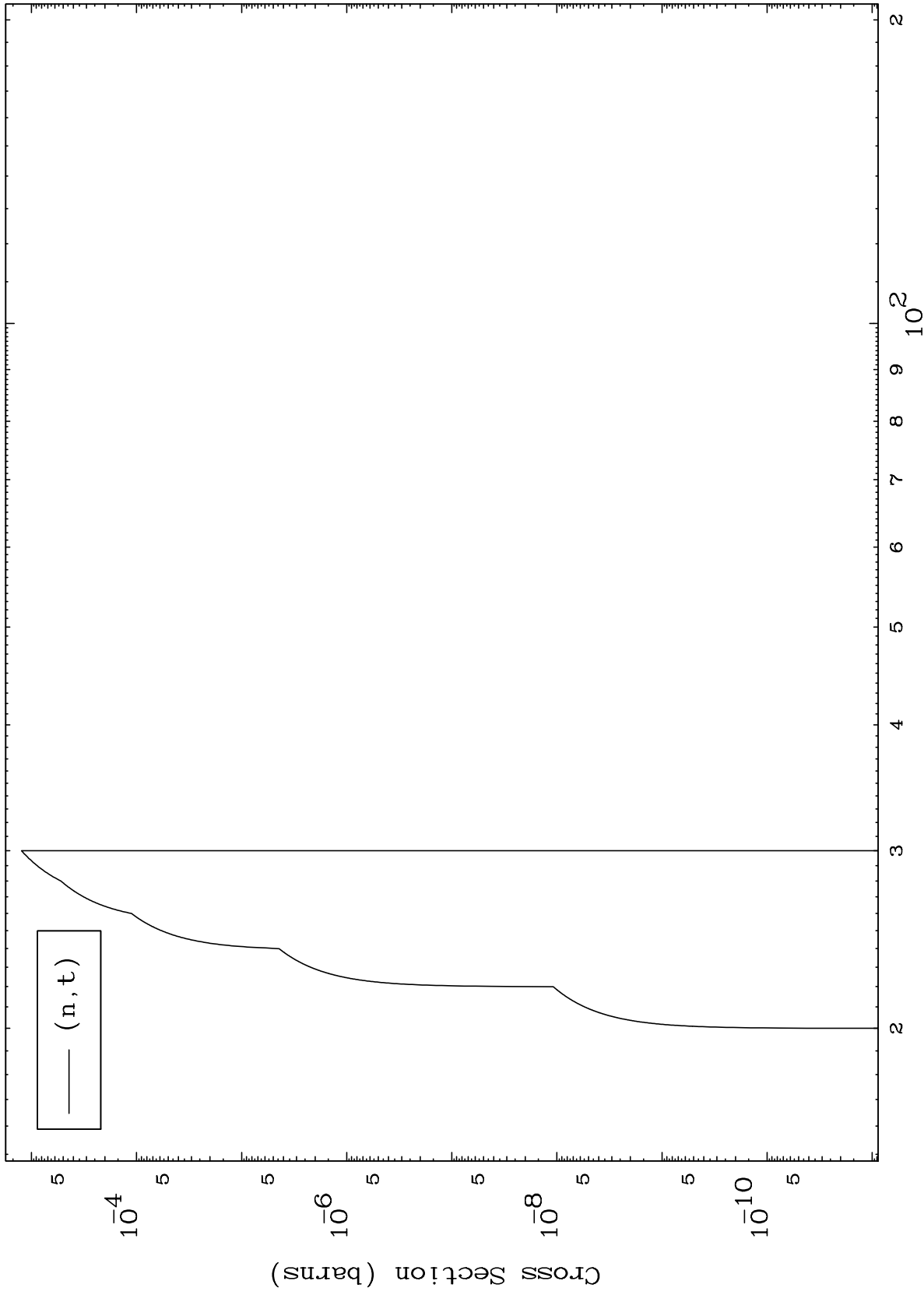
62-Sm-150

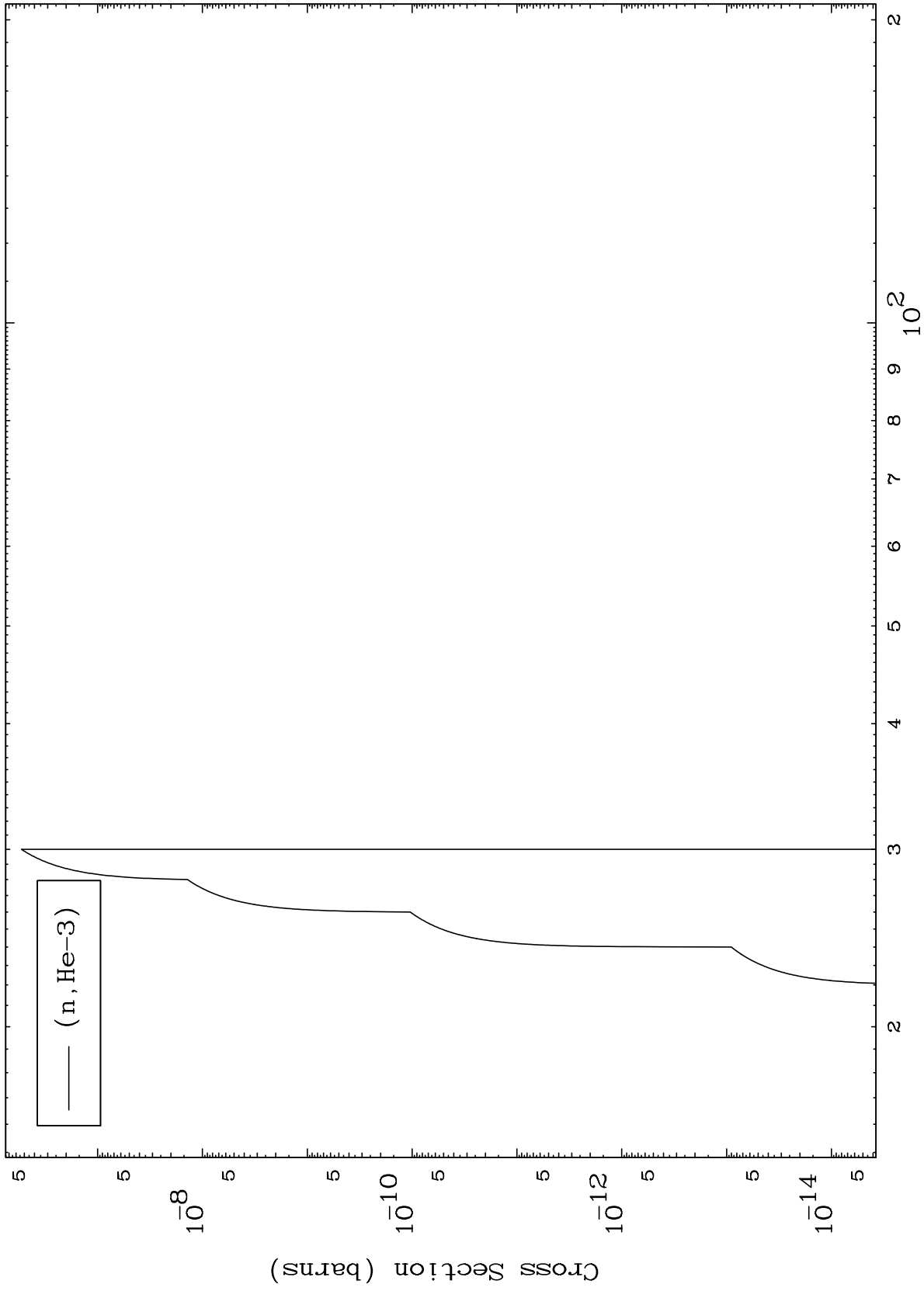


MAT 6243

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

62-Sm-150

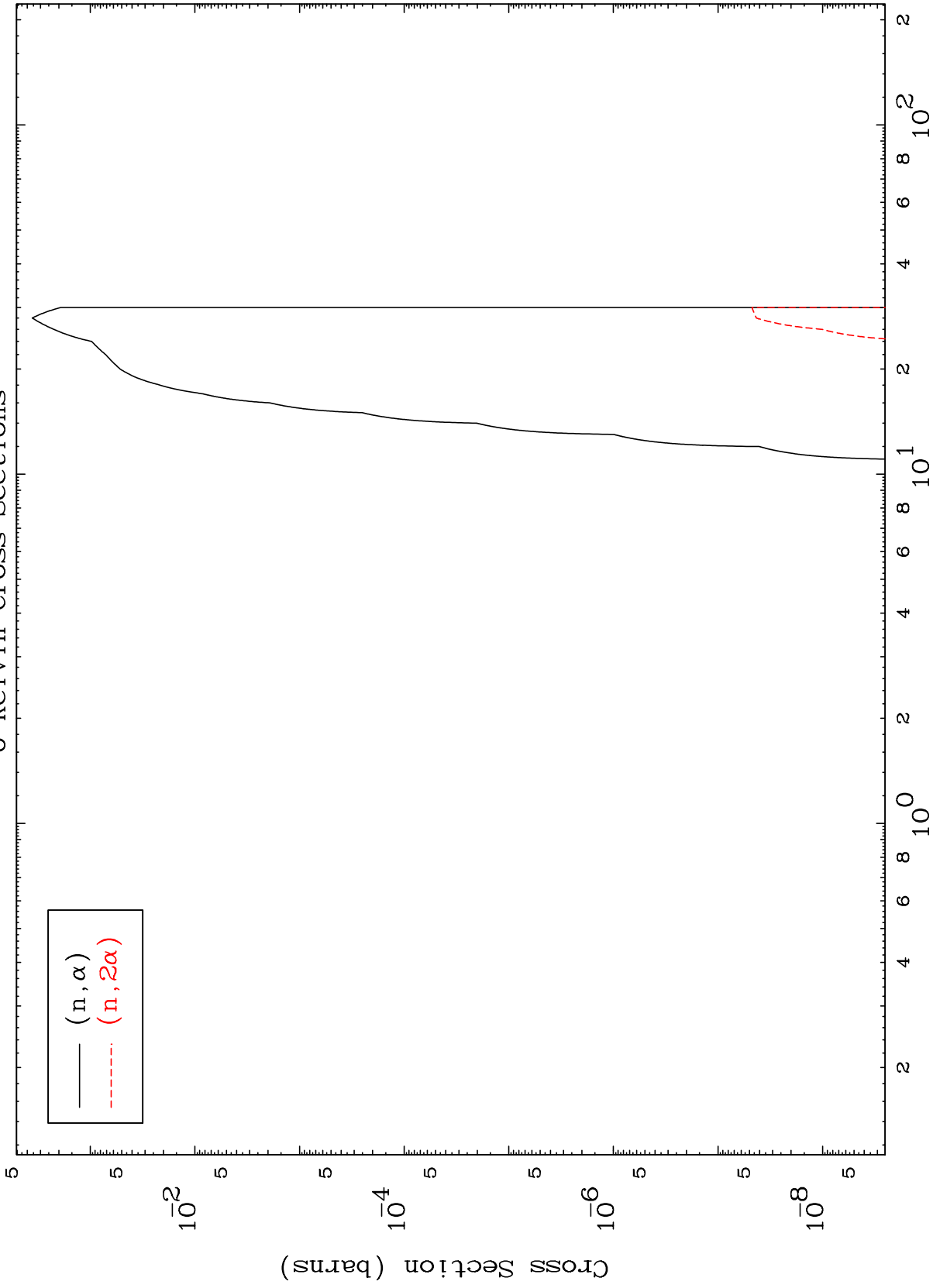




MAT 6243

$(\alpha, \alpha)$  Levels  
0 Kelvin Cross Sections

62-Sm-150



10

Incident Energy (MeV)

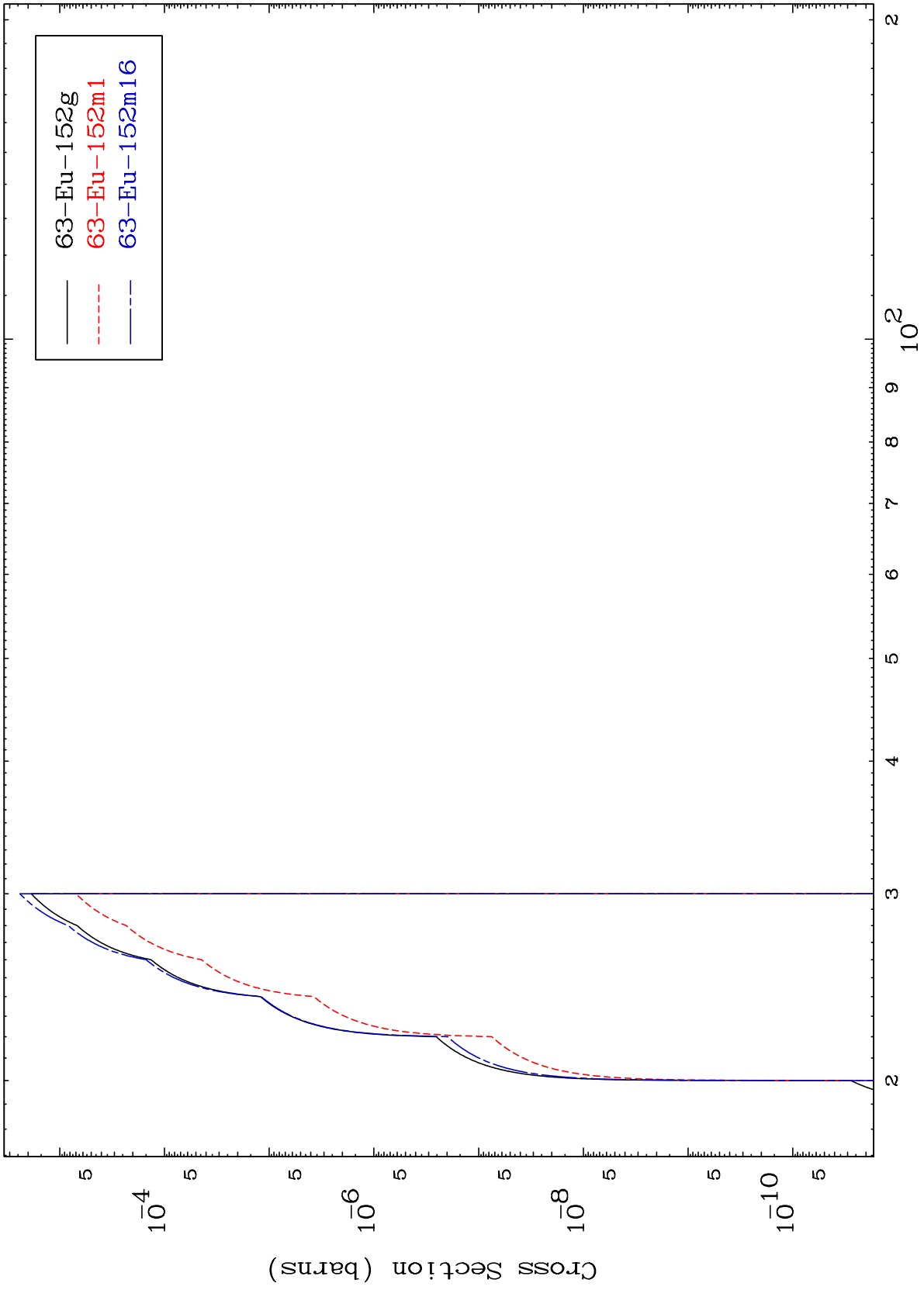
62-Sm-150

MAT 6243

(n,n') p

62-Sm-150

Radionuclide Production Cross Section



11

Incident Energy (MeV)

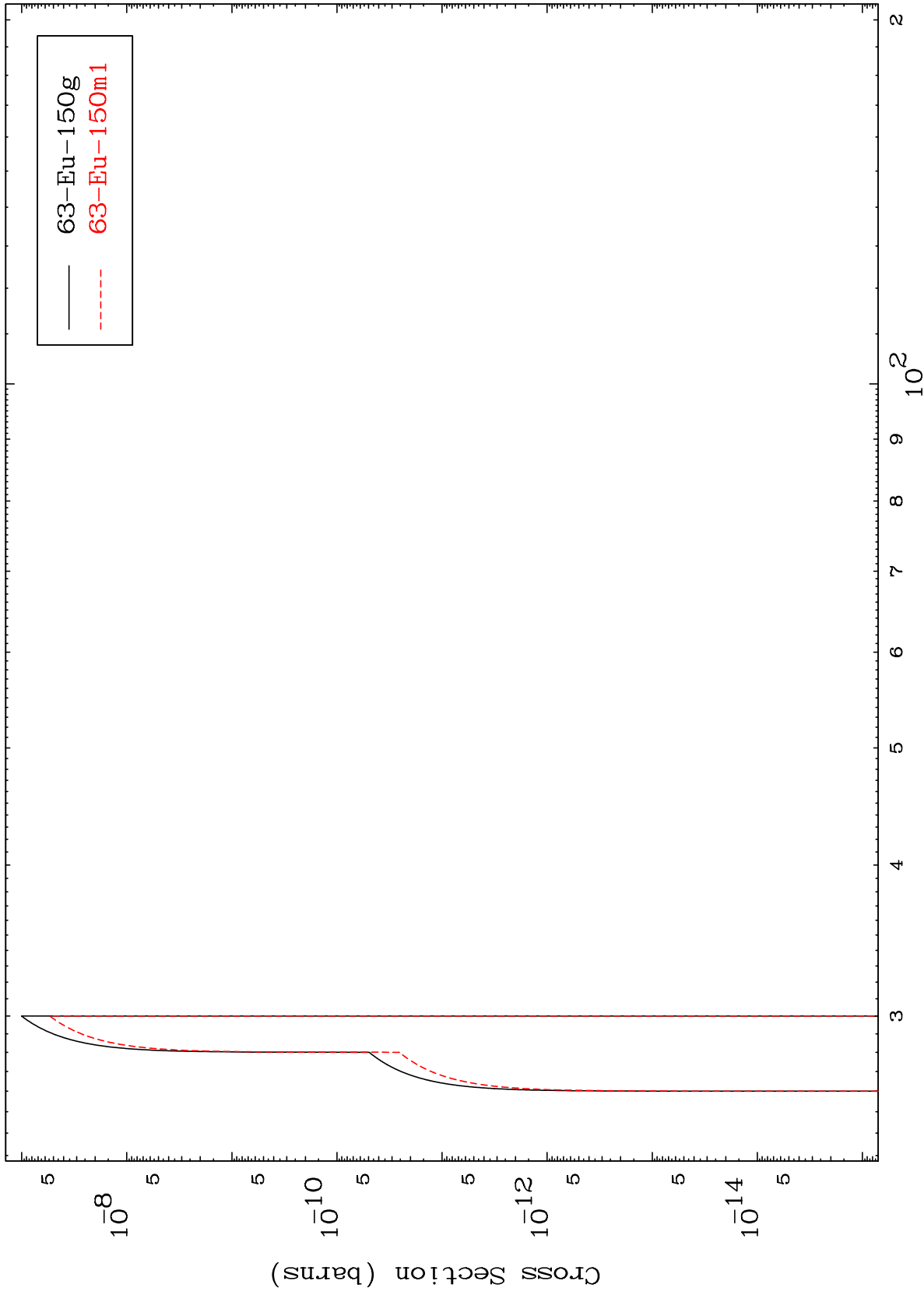
62-Sm-150

MAT 6243

(n,n') t

62-Sm-150

Radionuclide Production Cross Section



12

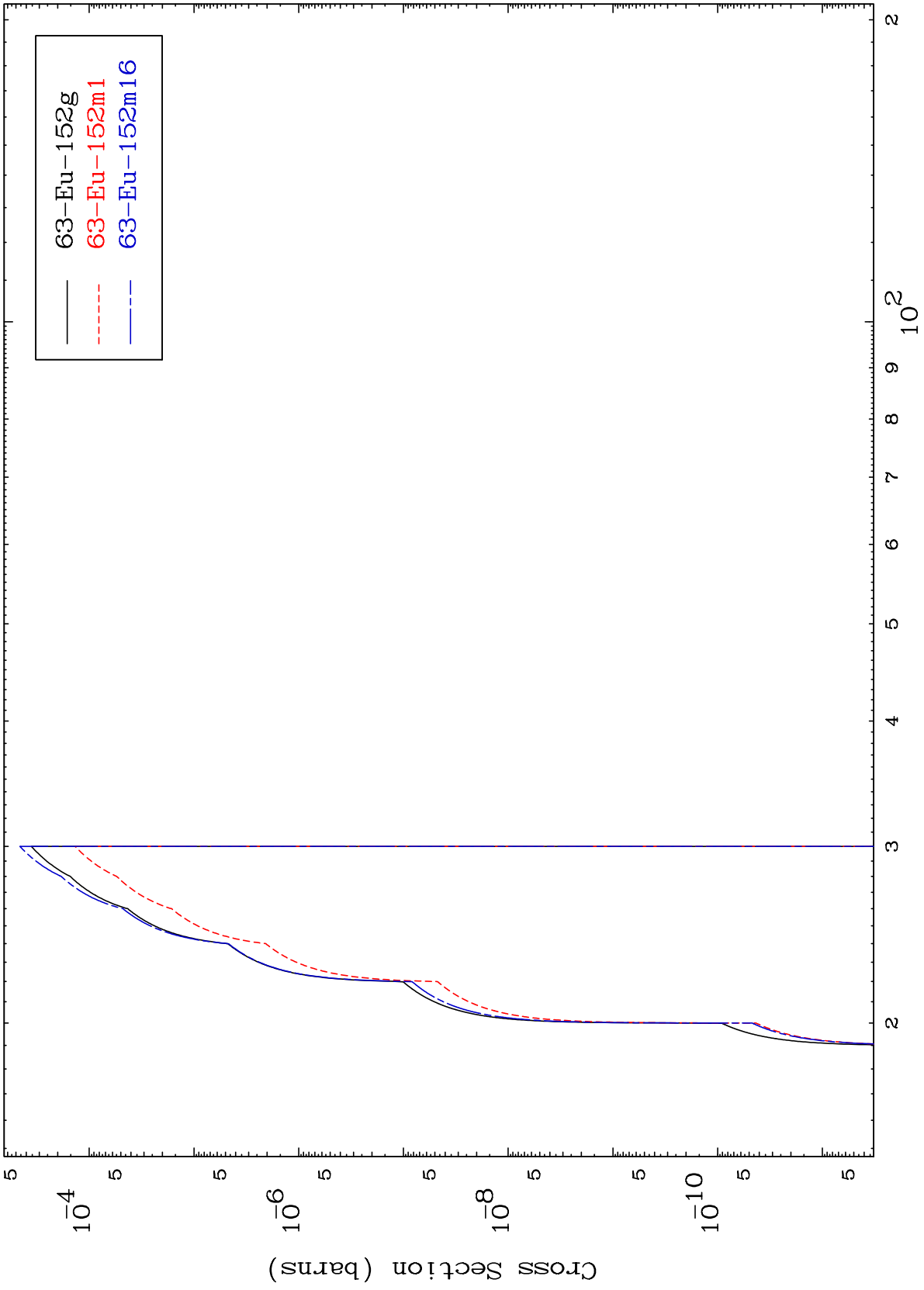
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(n,d)  
Radionuclide Production Cross Section



13

62-Sm-150

Incident Energy (MeV)