

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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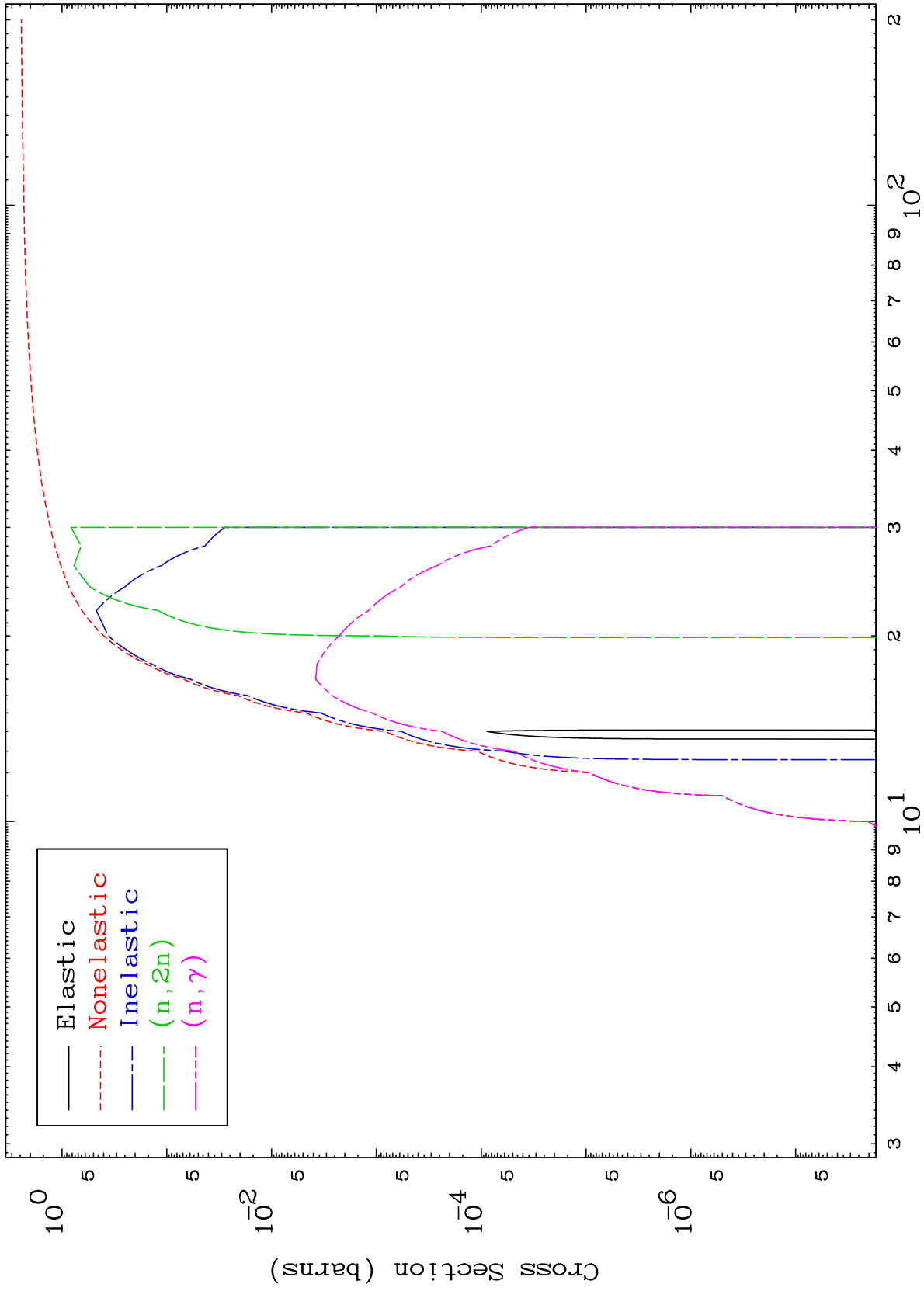
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6419

0 Kelvin  $\alpha$  Major

64-Gd-150



1

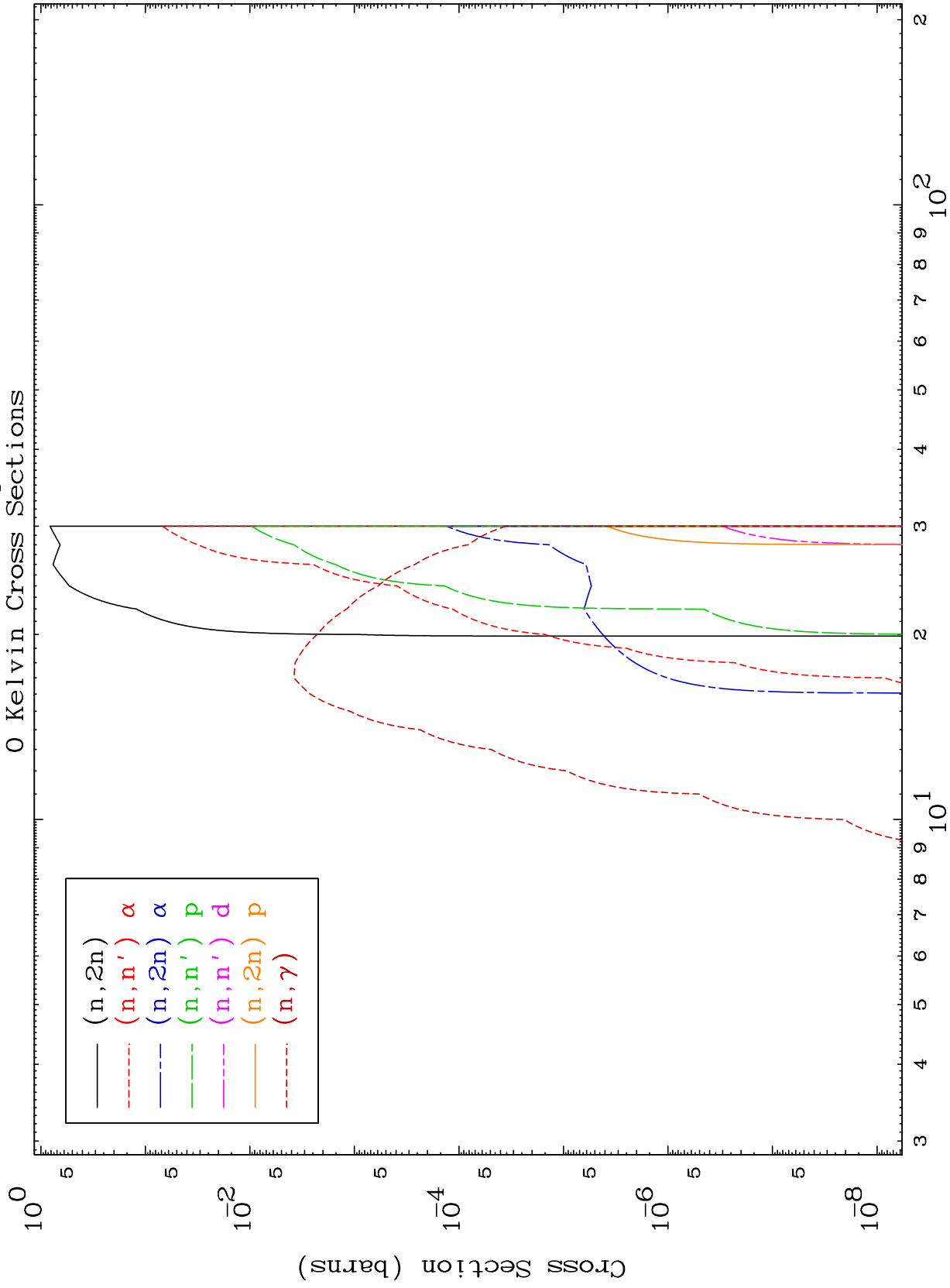
Incident Energy (MeV)

64-Gd-150

MAT 6419

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-150



2

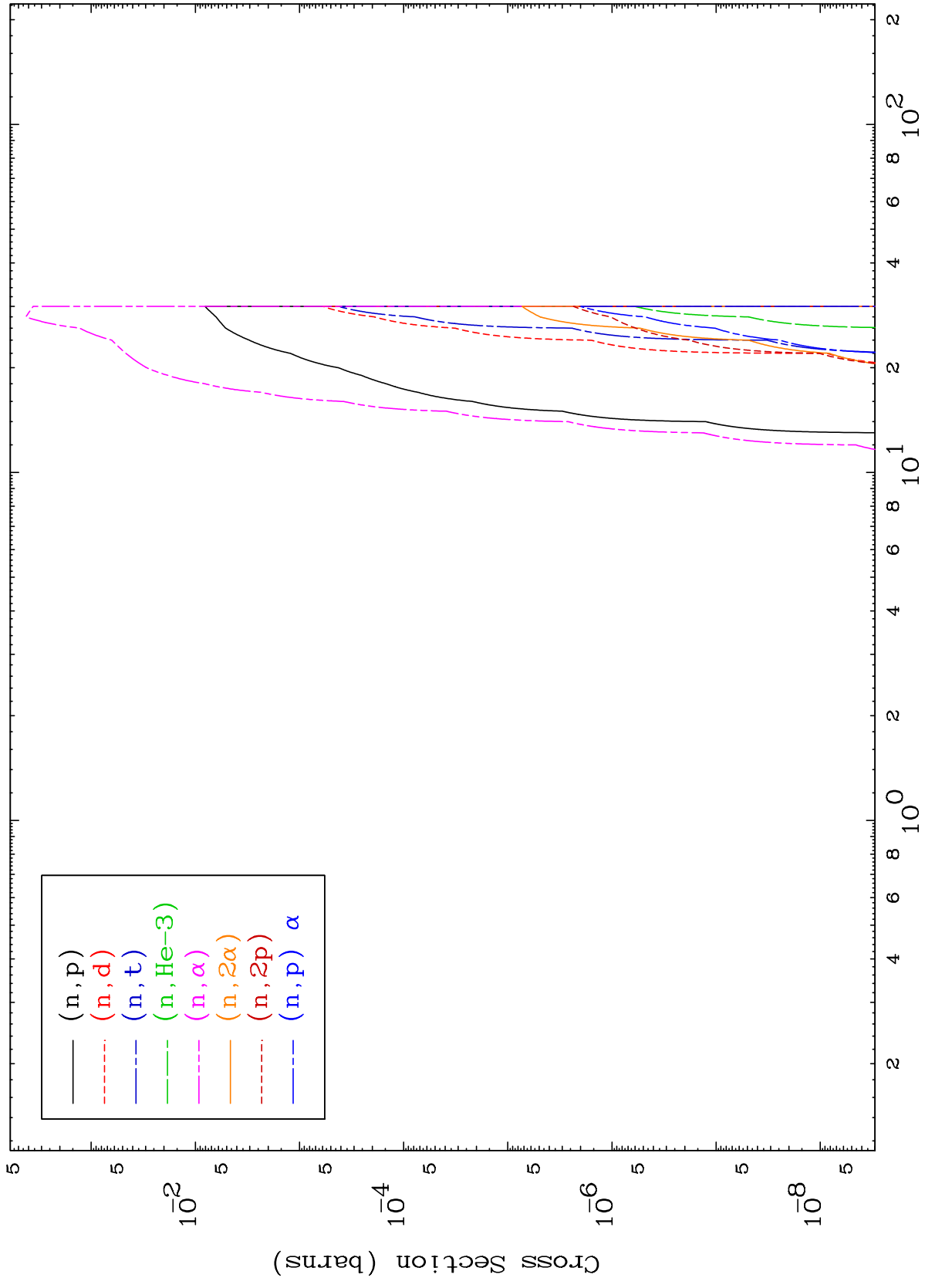
Incident Energy (MeV)

64-Gd-150

MAT 6419

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

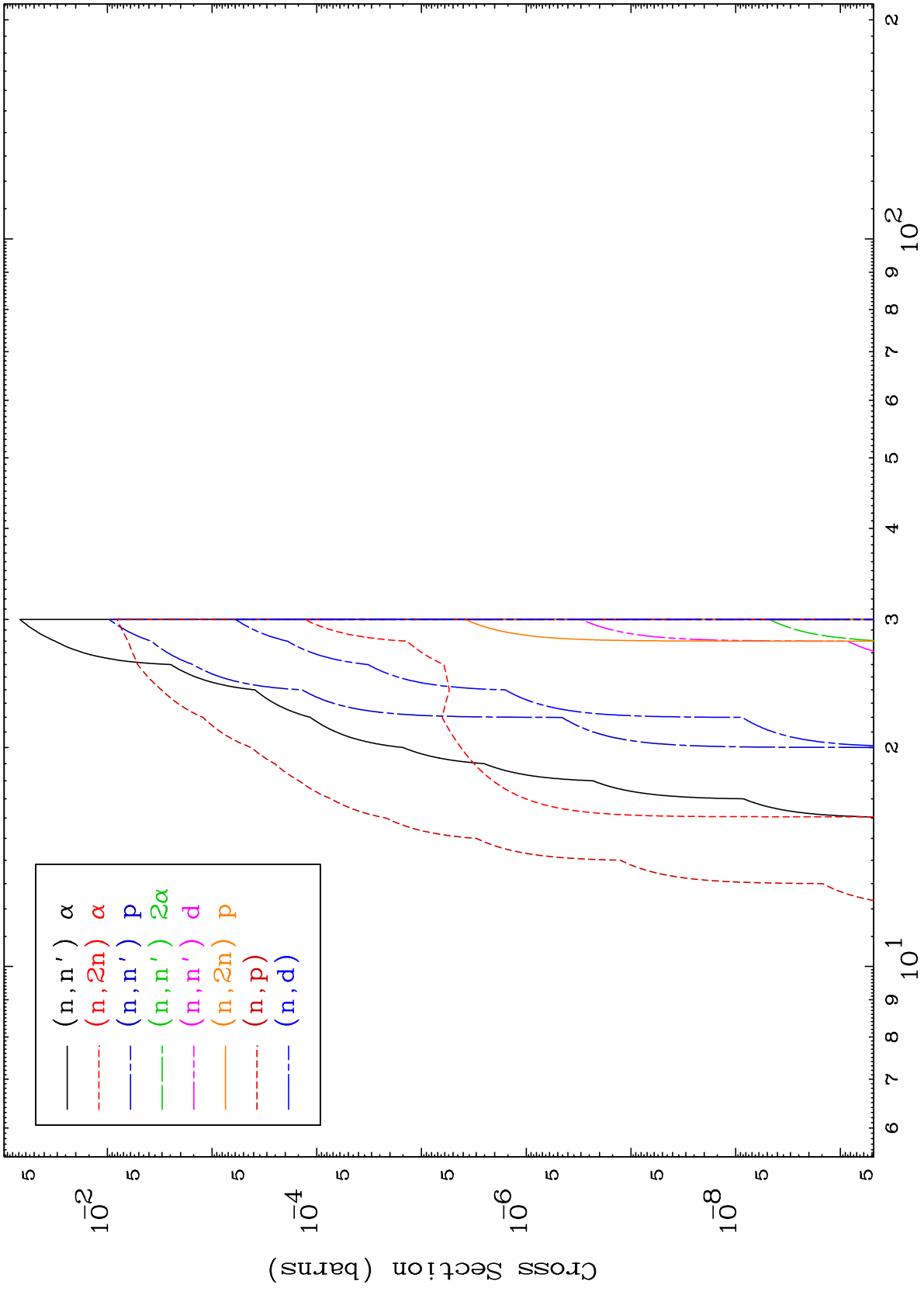
64-Gd-150



3

Incident Energy (MeV)

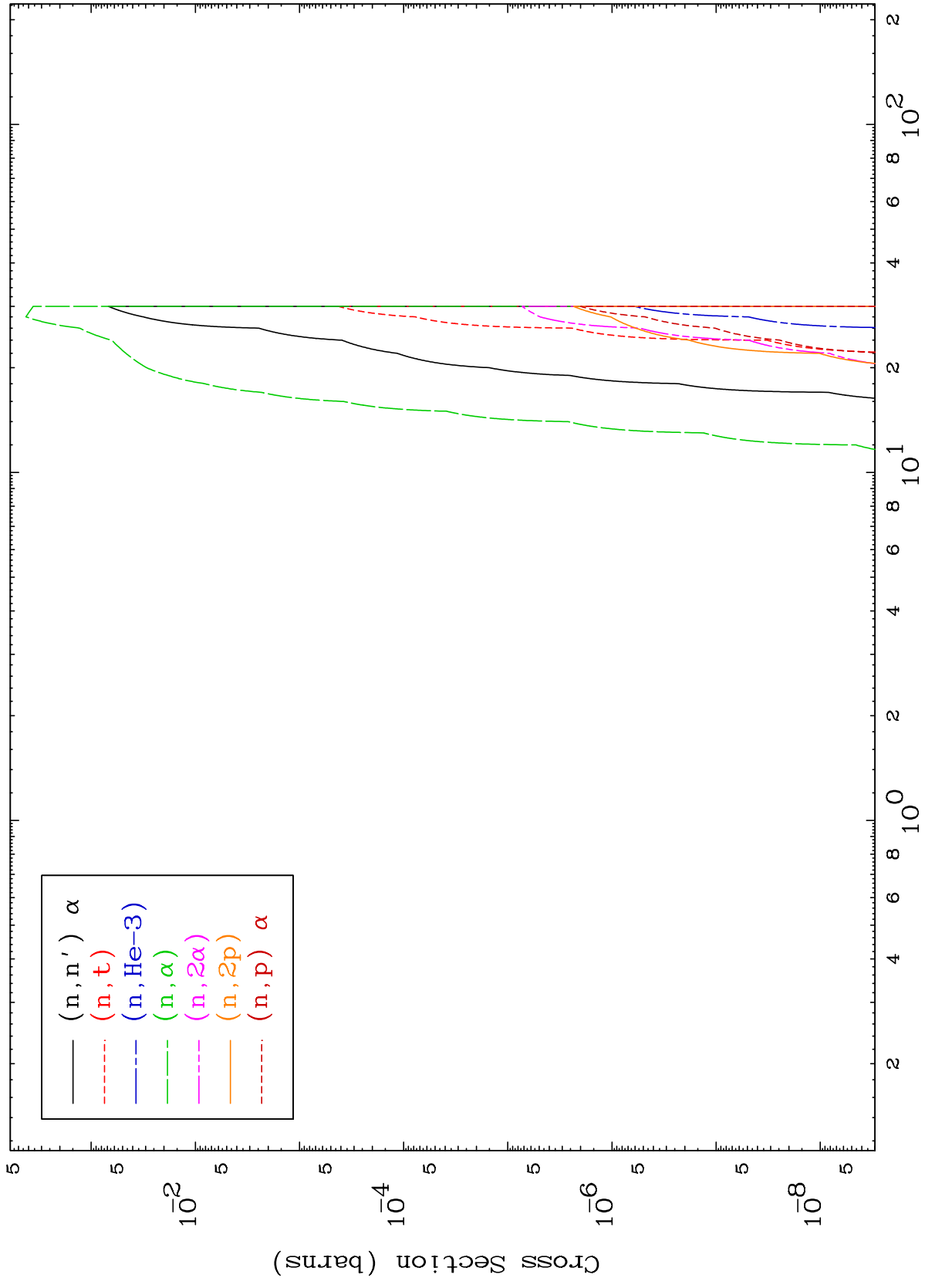
64-Gd-150



MAT 6419

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

64-Gd-150



5

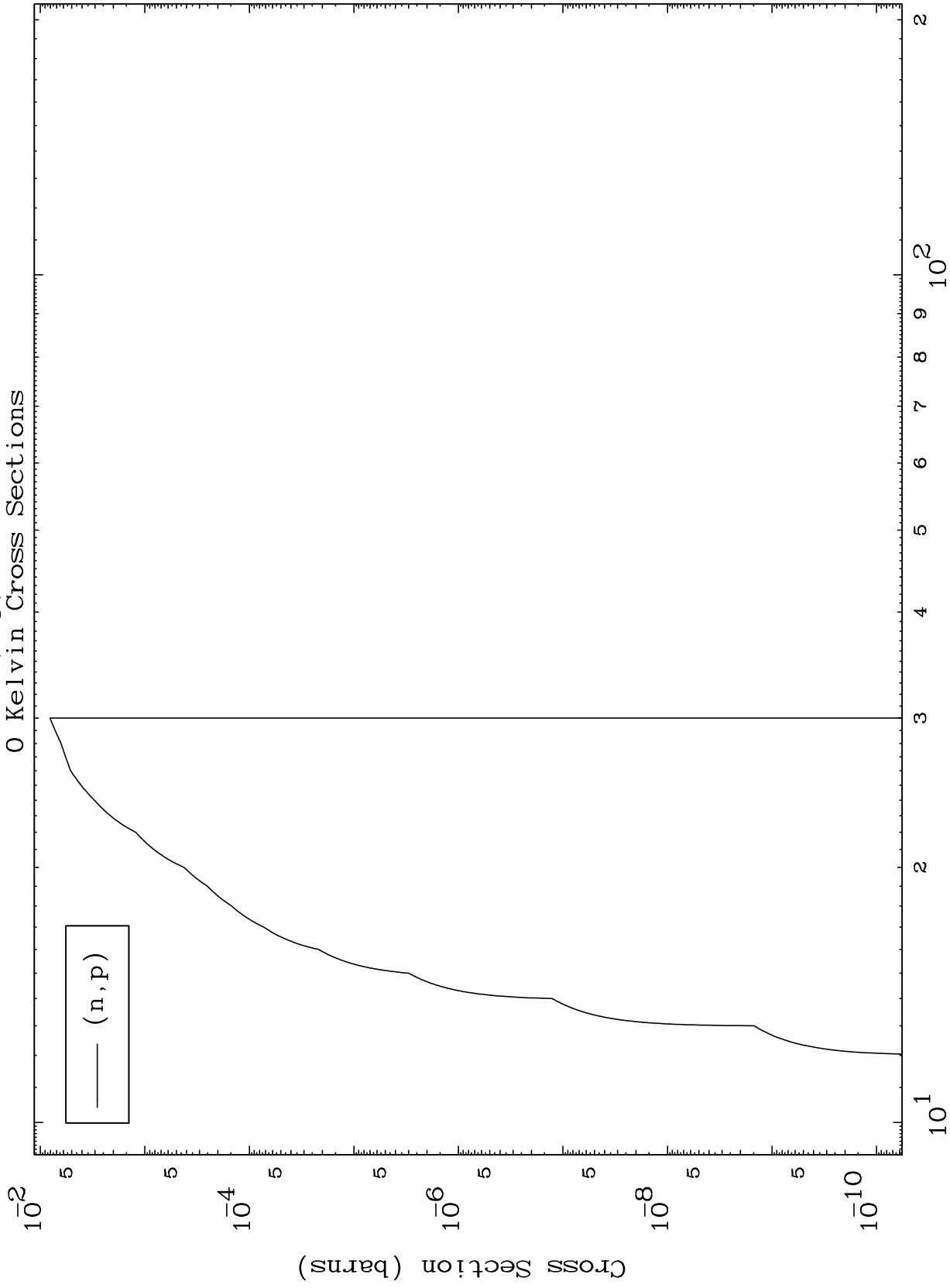
Incident Energy (MeV)

64-Gd-150

MAT 6419

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

64-Gd-150



6

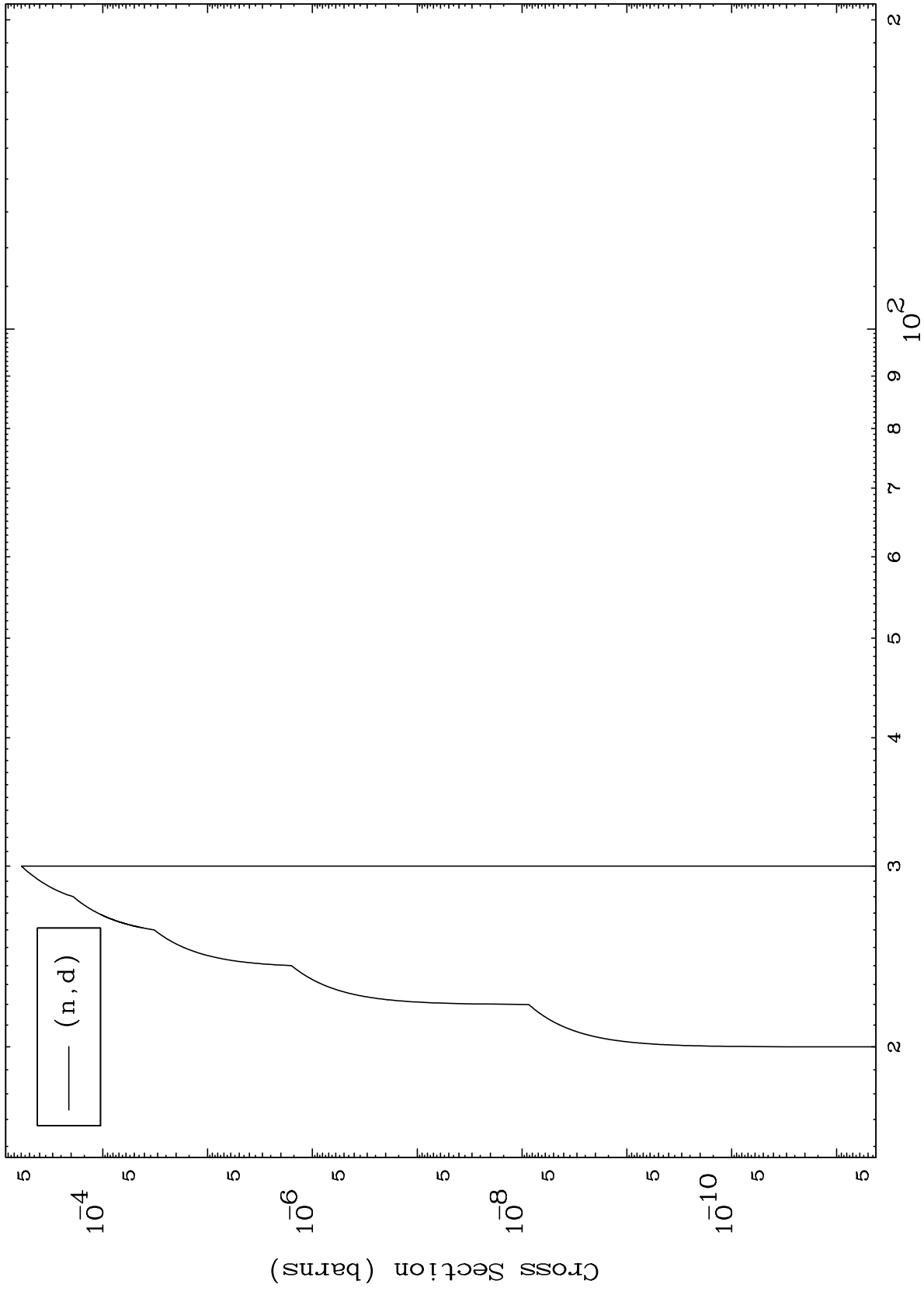
Incident Energy (MeV)

64-Gd-150

MAT 6419

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

64-Gd-150



7

Incident Energy (MeV)

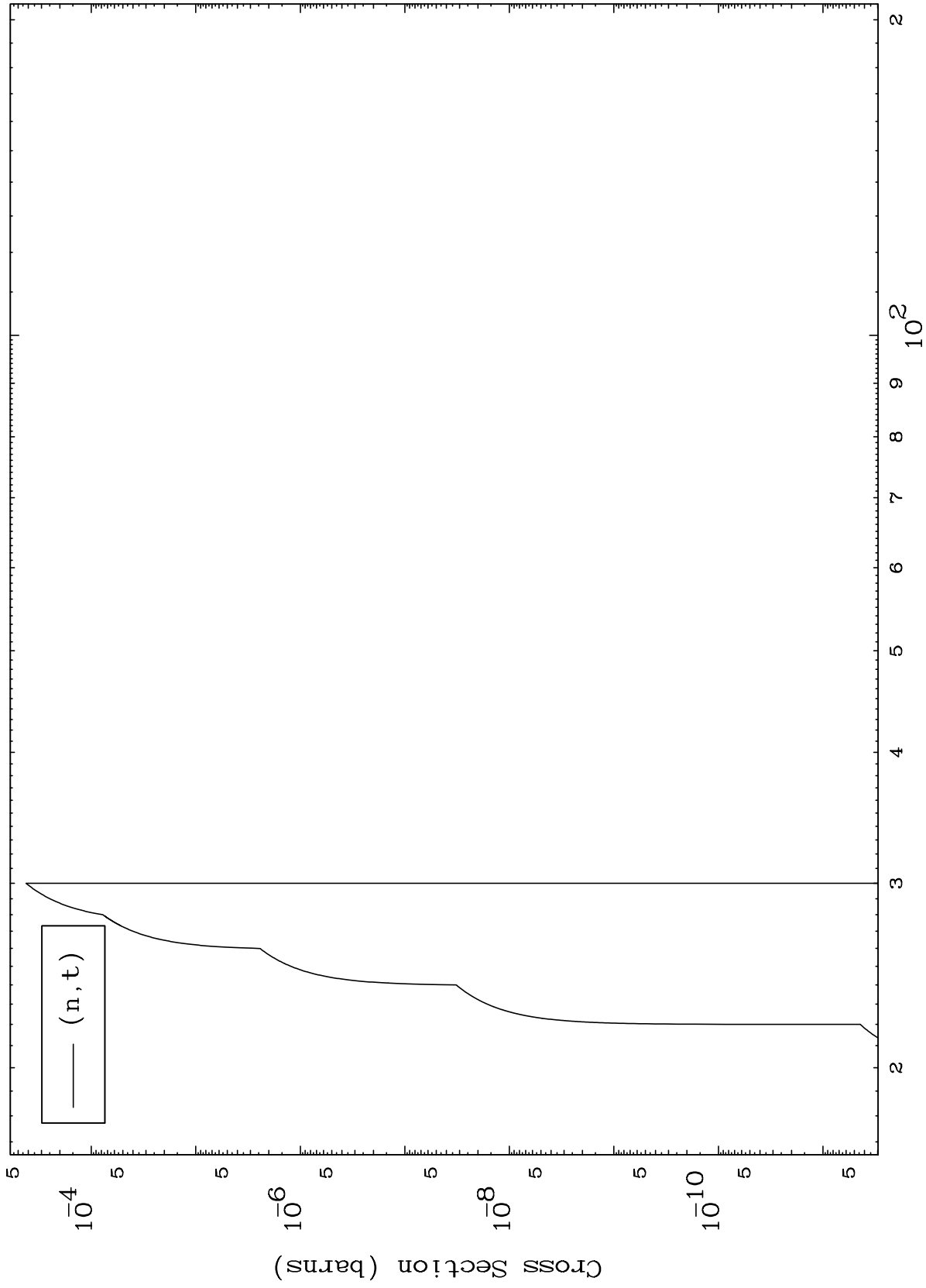
64-Gd-150



MAT 6419

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

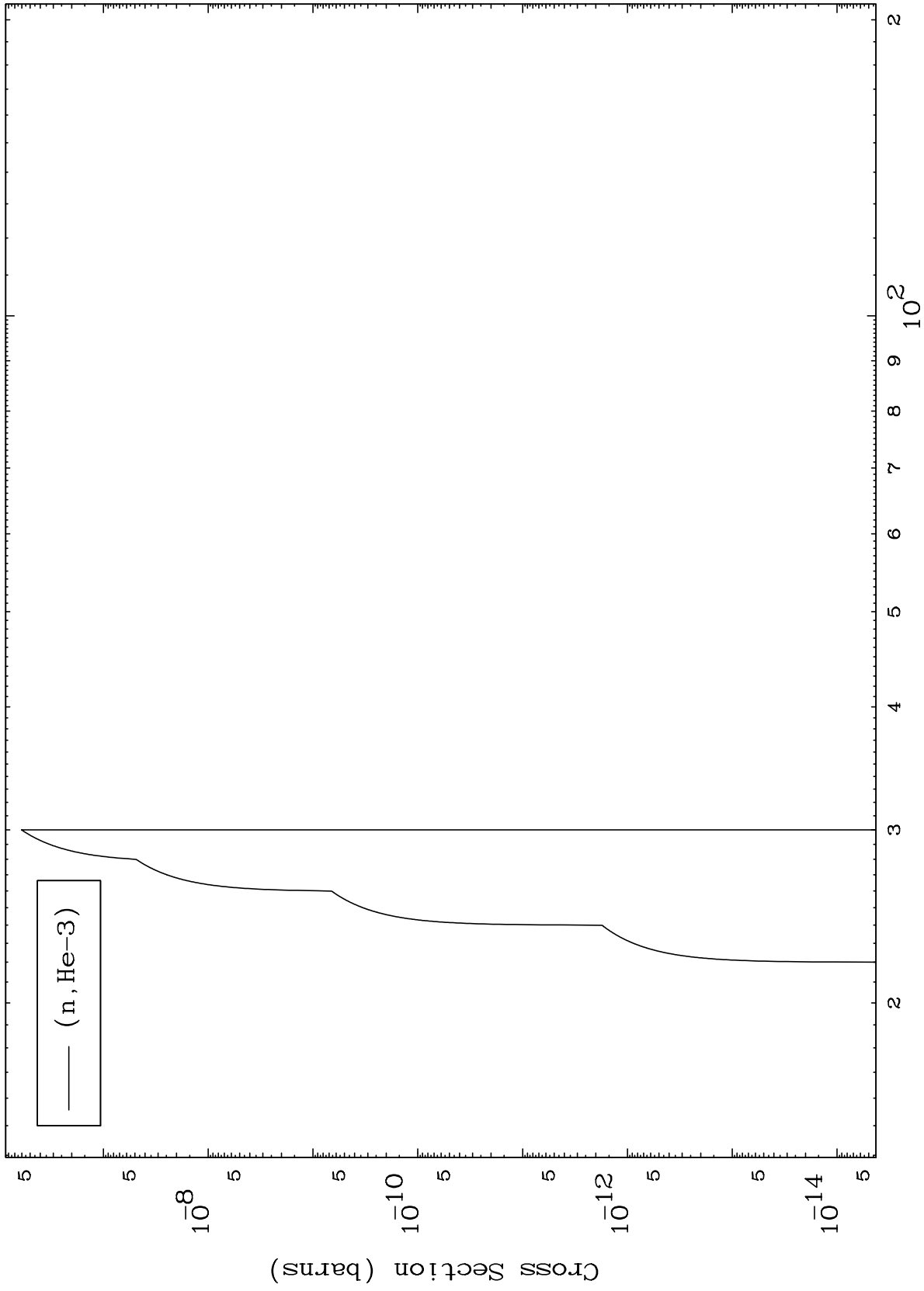
64-Gd-150



8

Incident Energy (MeV)

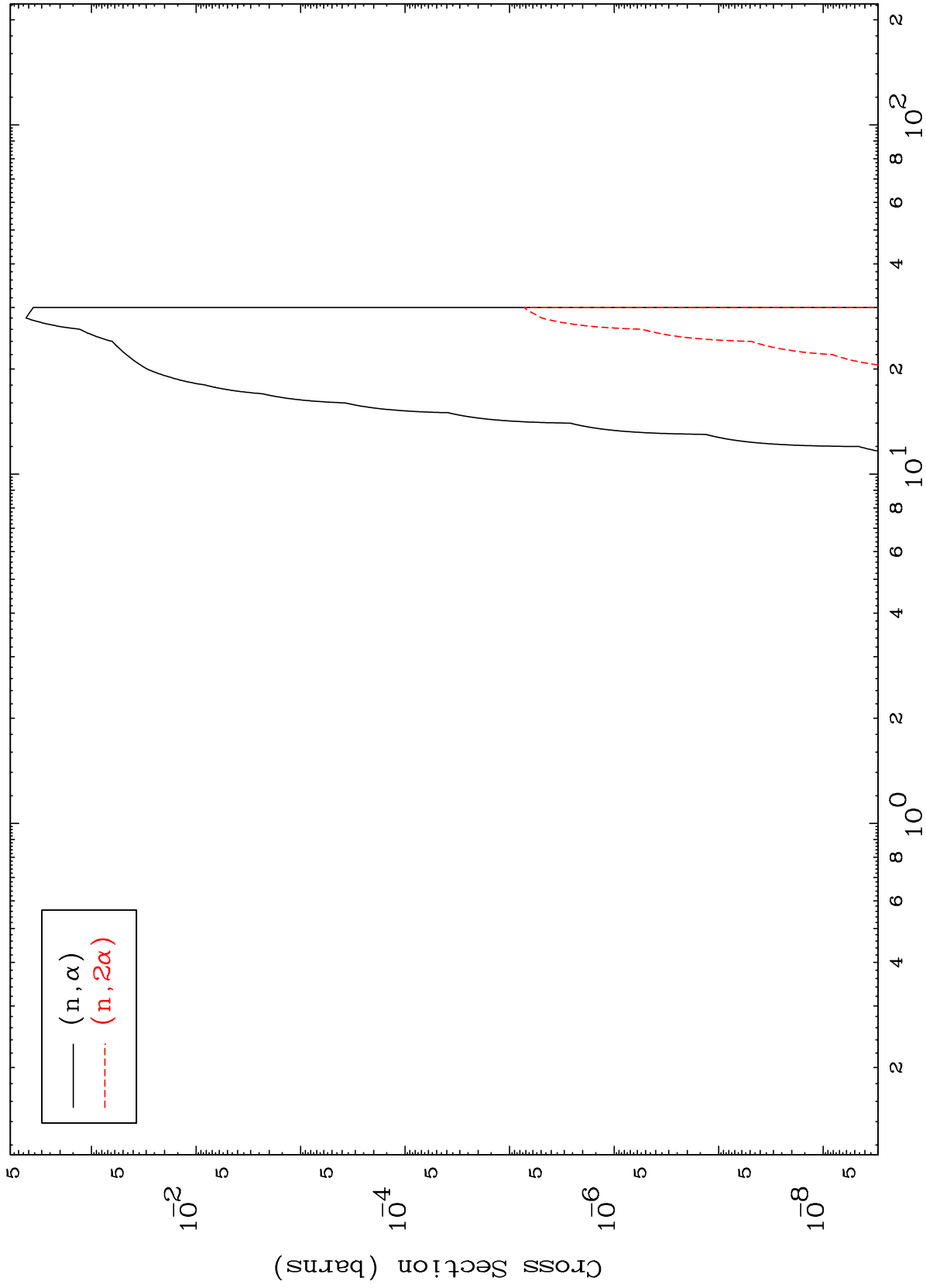
64-Gd-150



MAT 6419

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

64-Gd-150



10

Incident Energy (MeV)

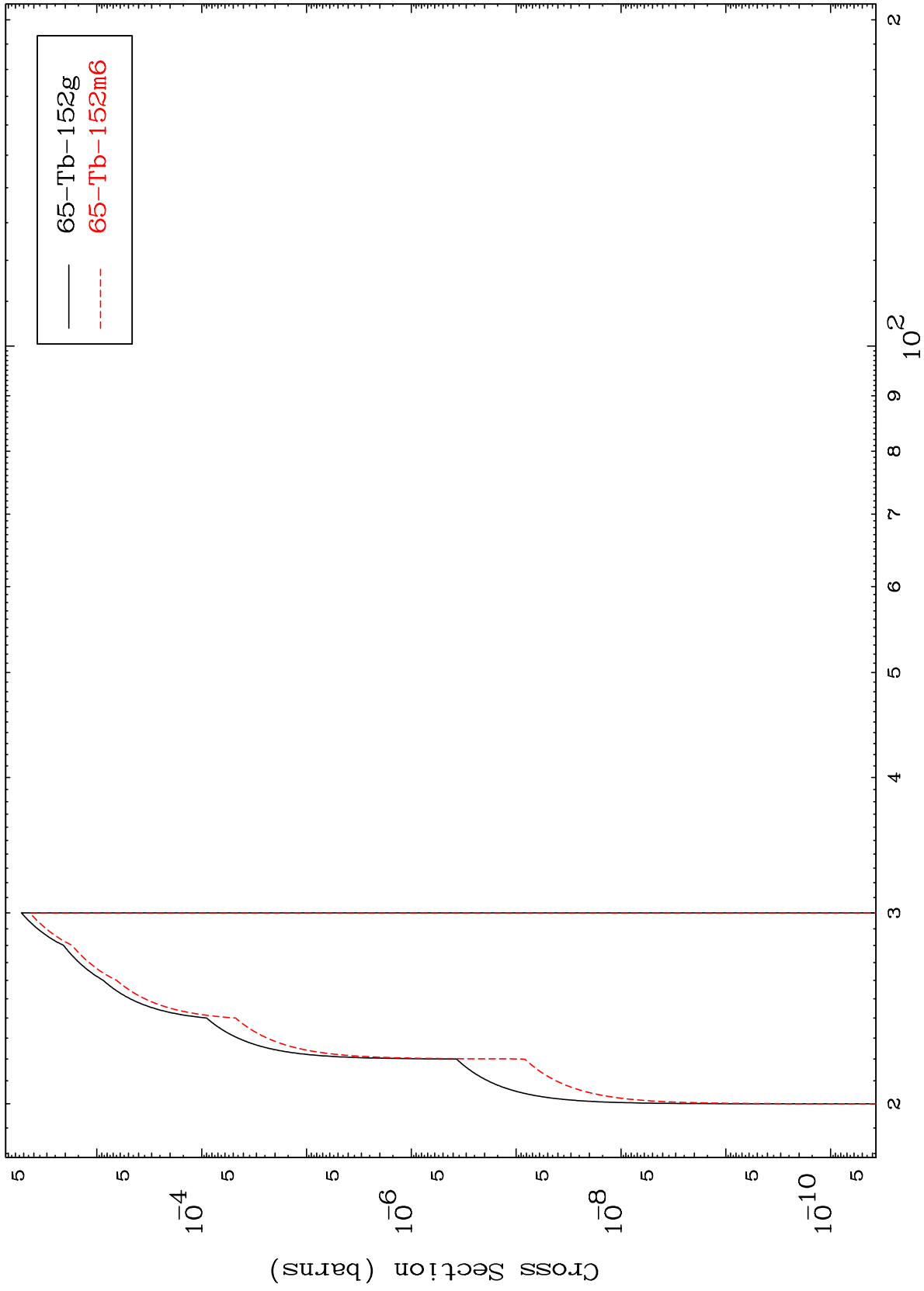
64-Gd-150

MAT 6419

(n,n') p

64-Gd-150

Radionuclide Production Cross Section



11

Incident Energy (MeV)

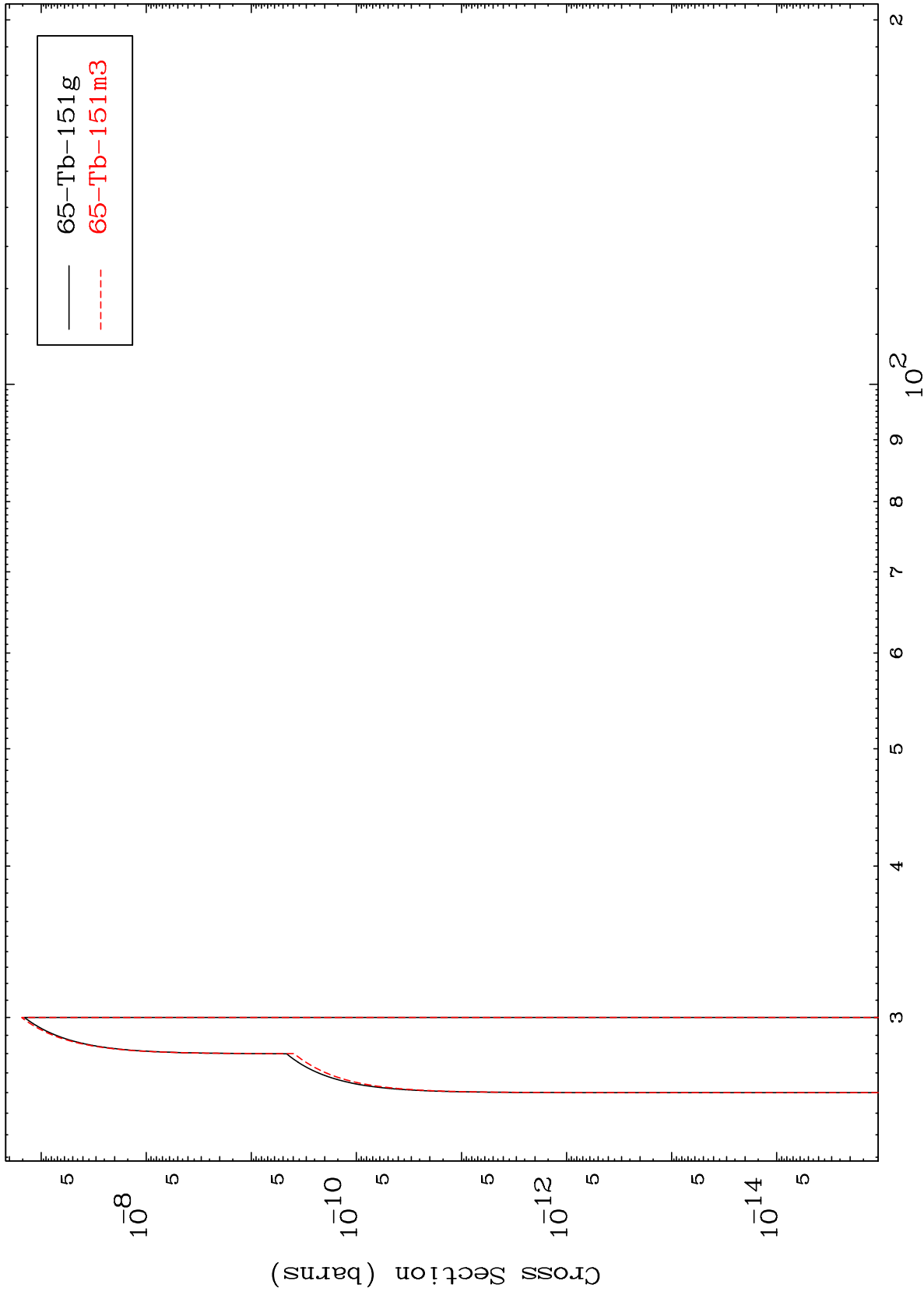
64-Gd-150

MAT 6419

(n,n') d

64-Gd-150

Radionuclide Production Cross Section



12

Incident Energy (MeV)

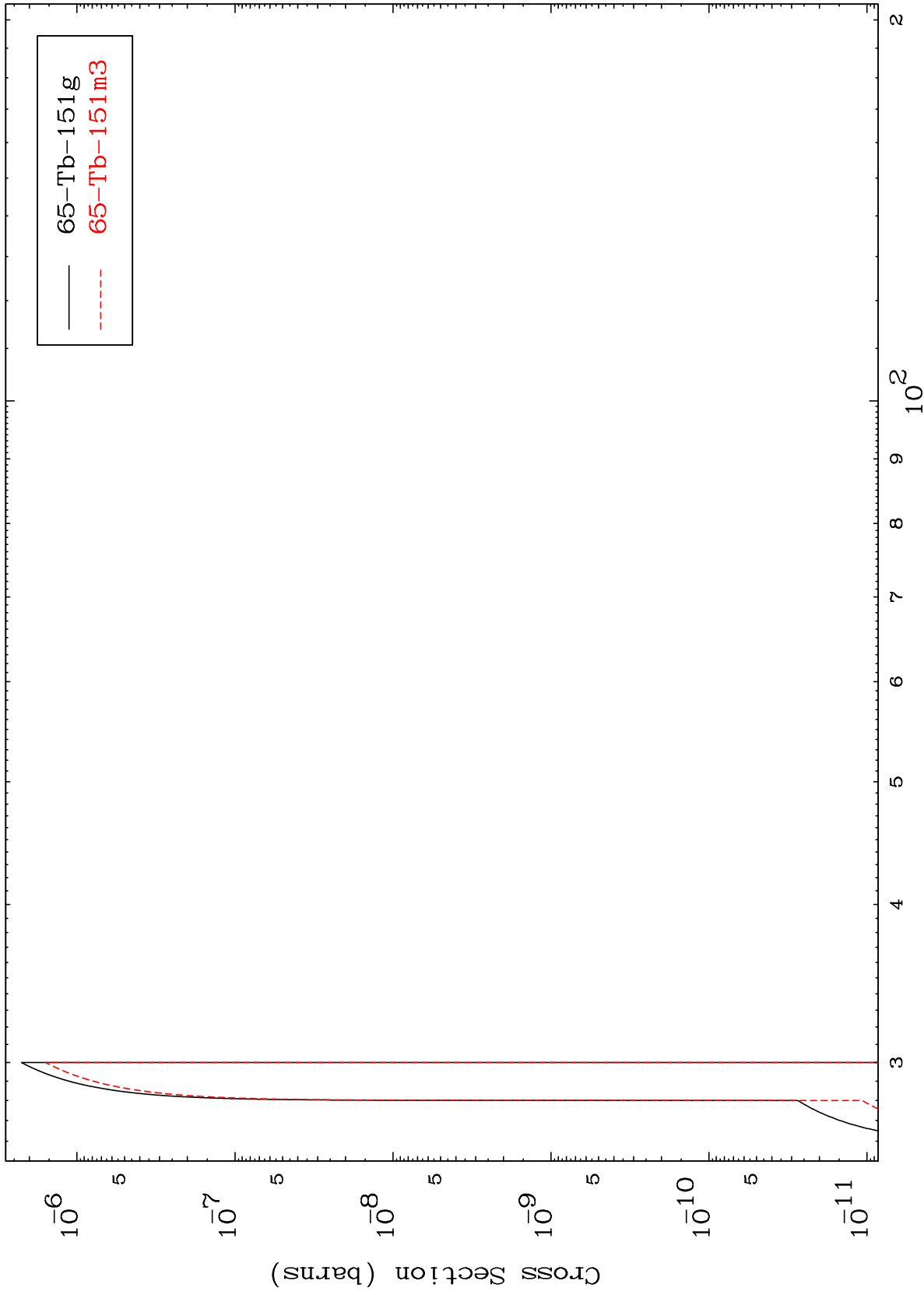
64-Gd-150

MAT 6419

(n,2n) p

64-Gd-150

Radionuclide Production Cross Section



13

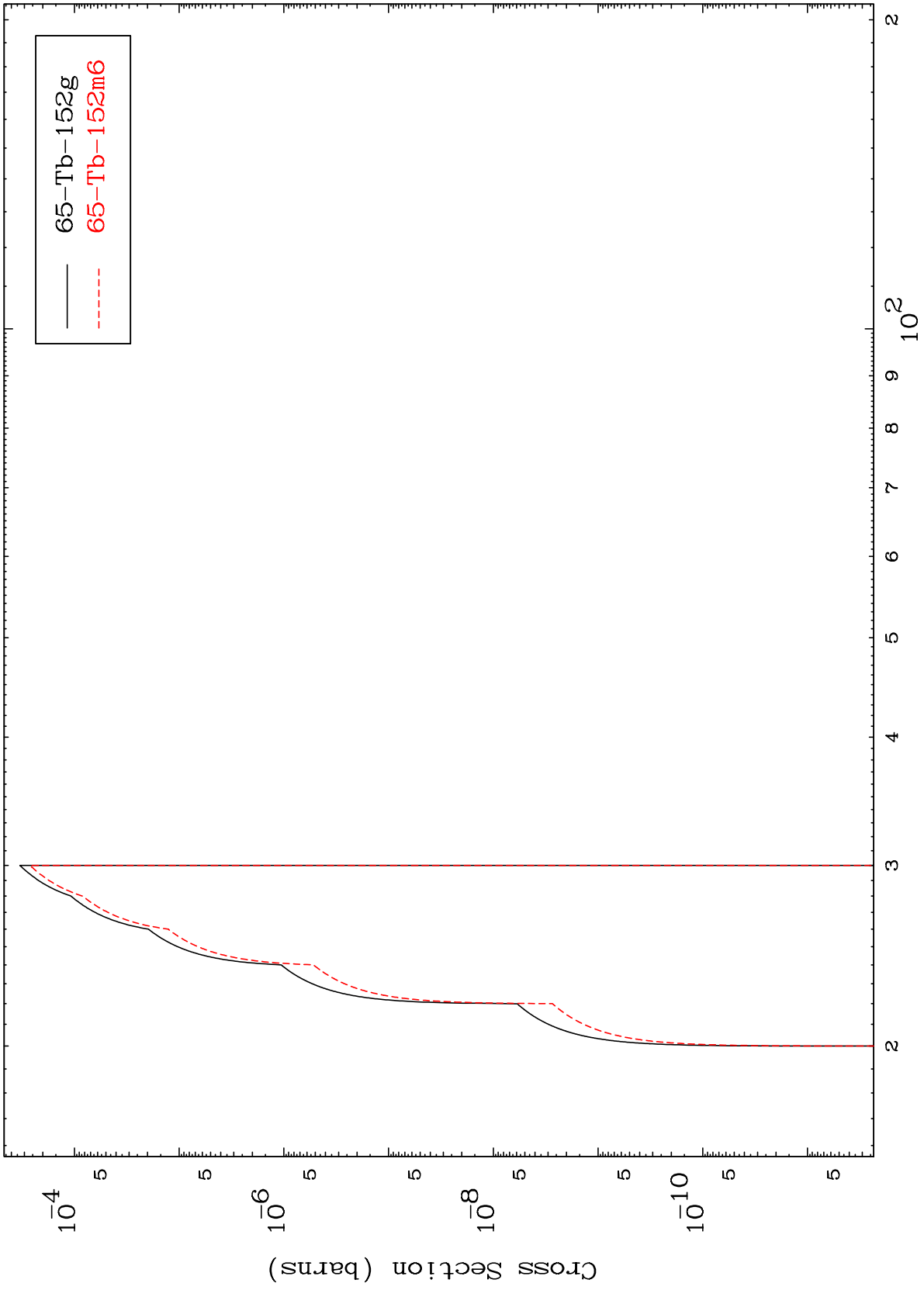
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

(n,d)  
Radionuclide Production Cross Section



14

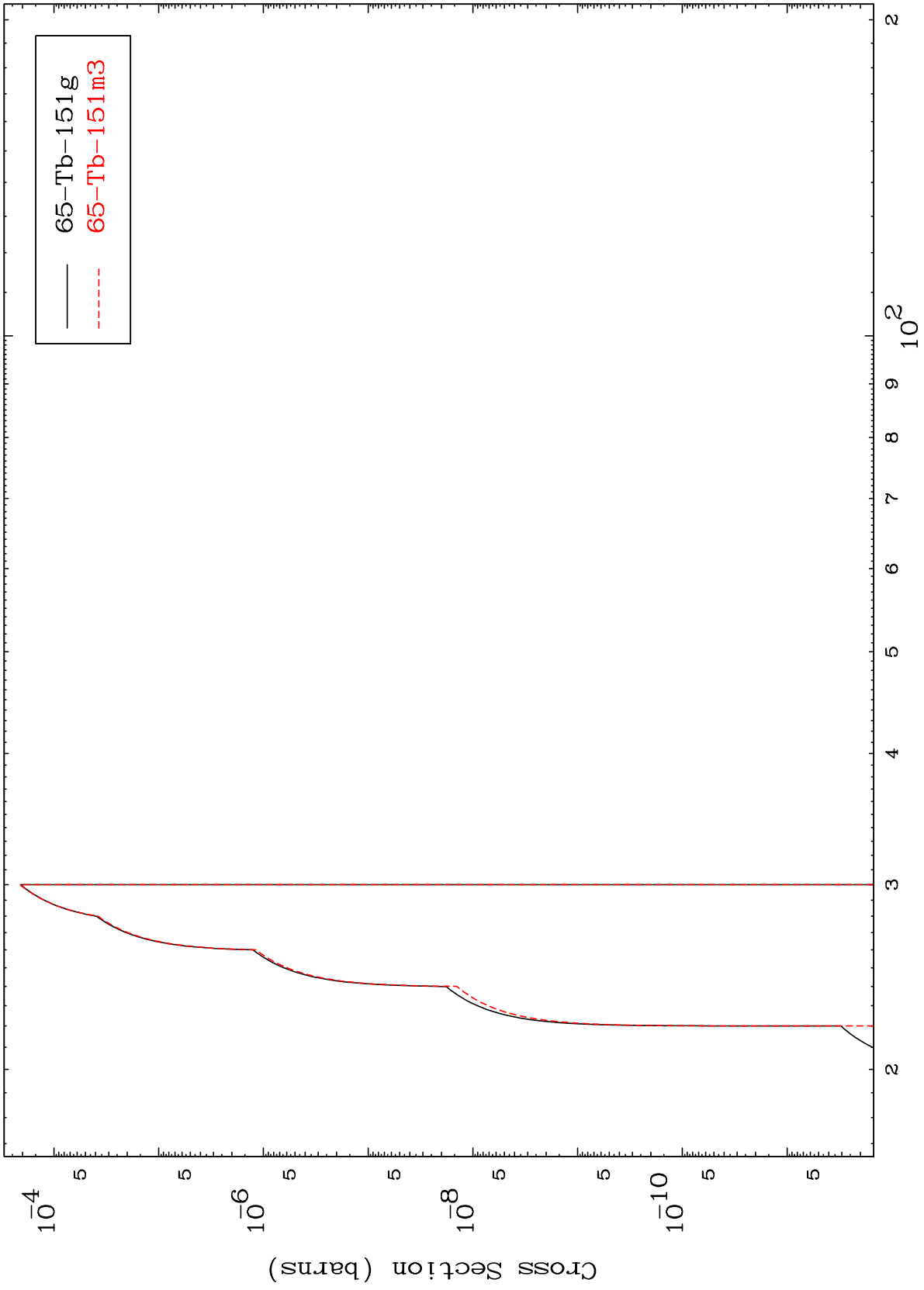
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

(n, t)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-150