

Program EVALPLOT  
(Version 2021-1)

by

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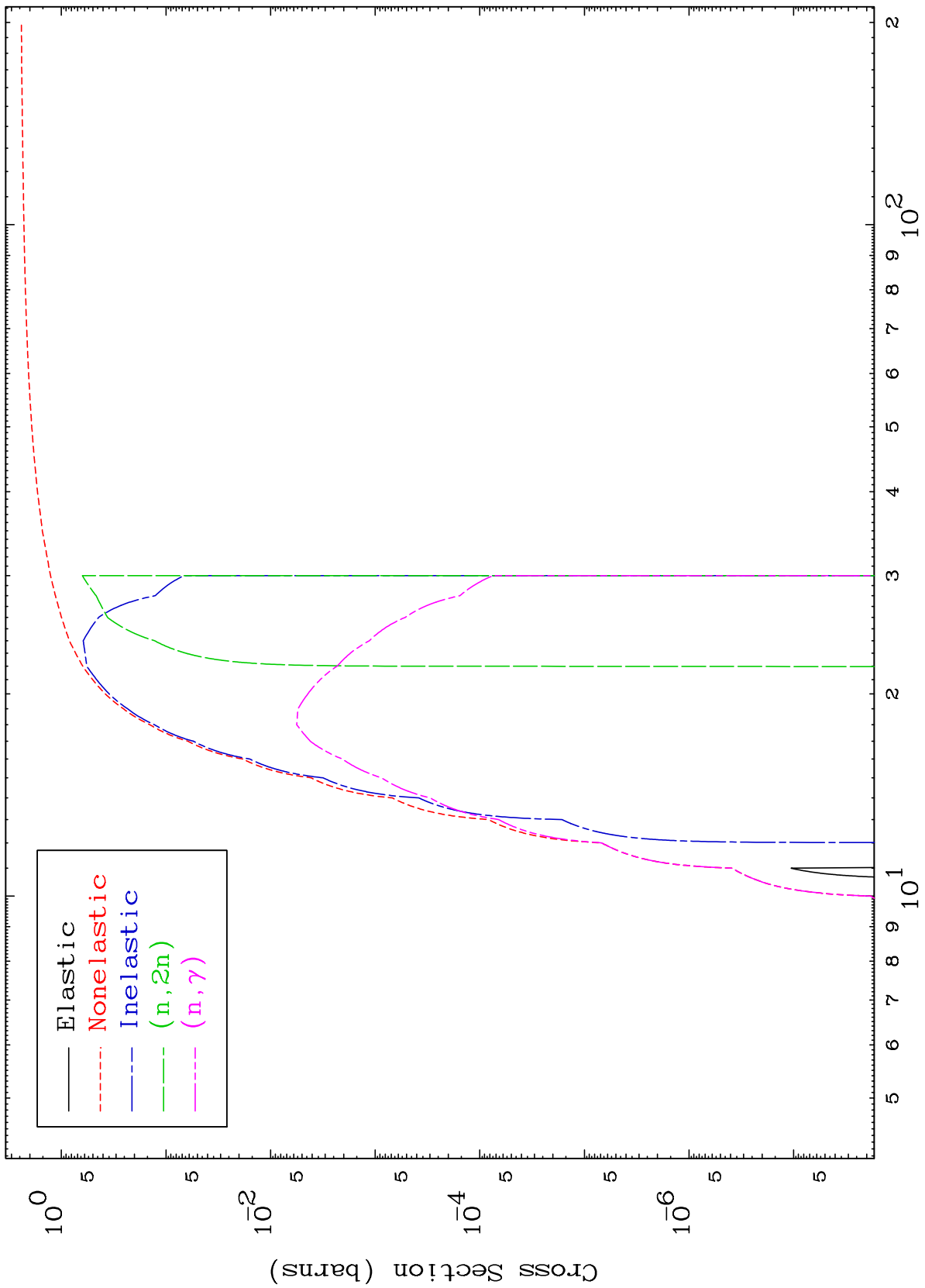
Press Mouse Button to Start

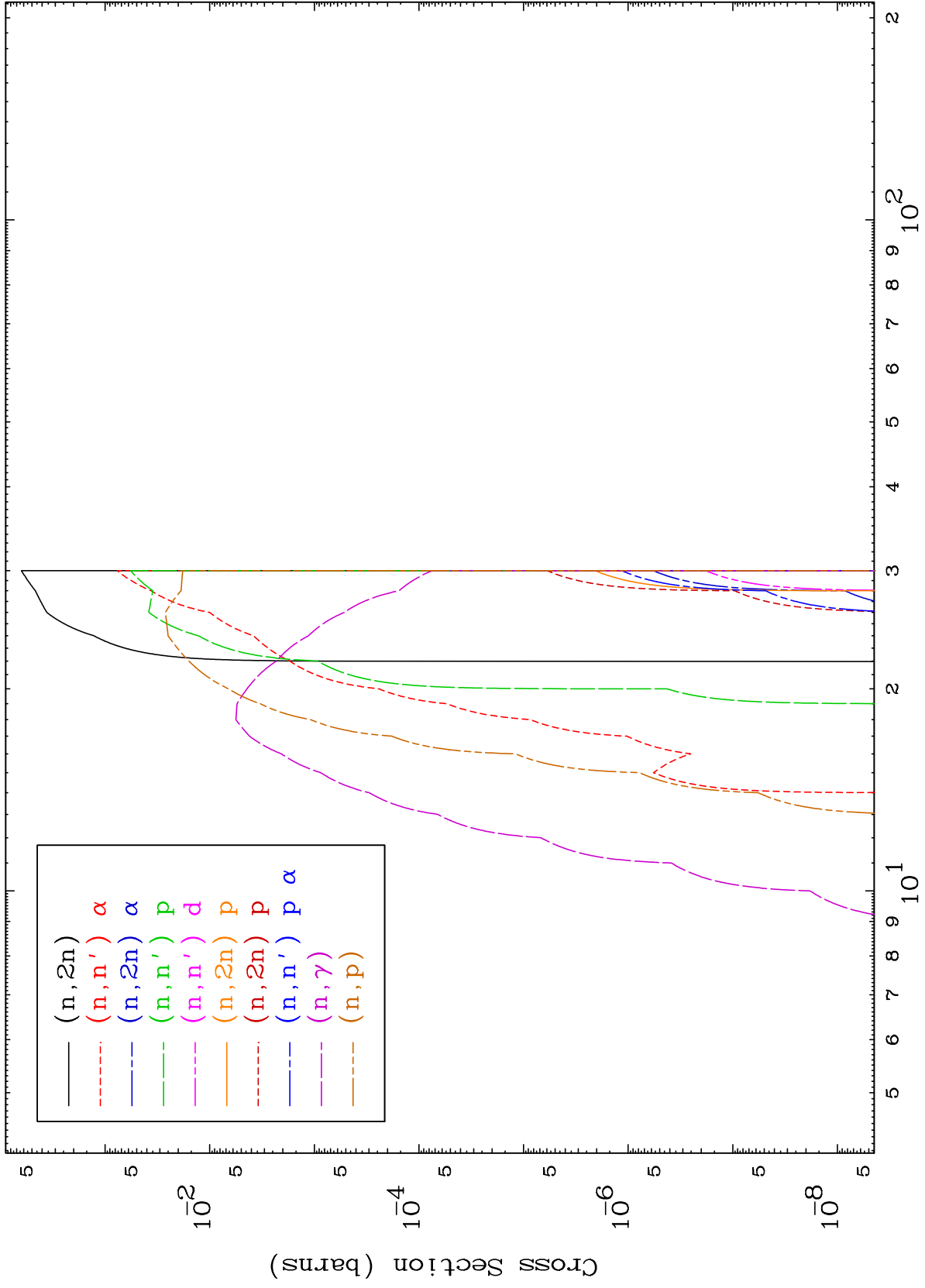
MAT 6410

0 Kelvin

$\alpha$  Major

64-Gd-147

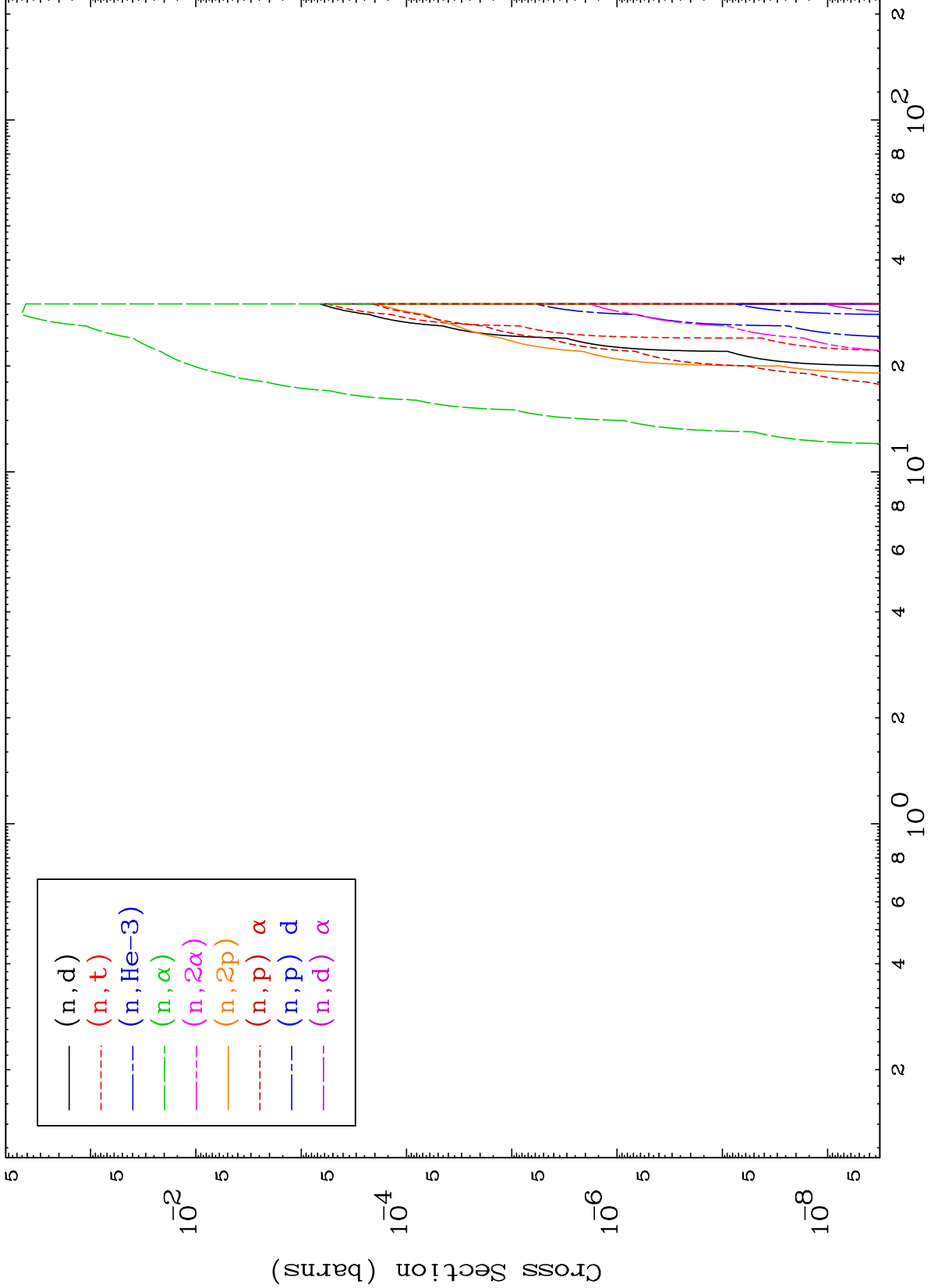


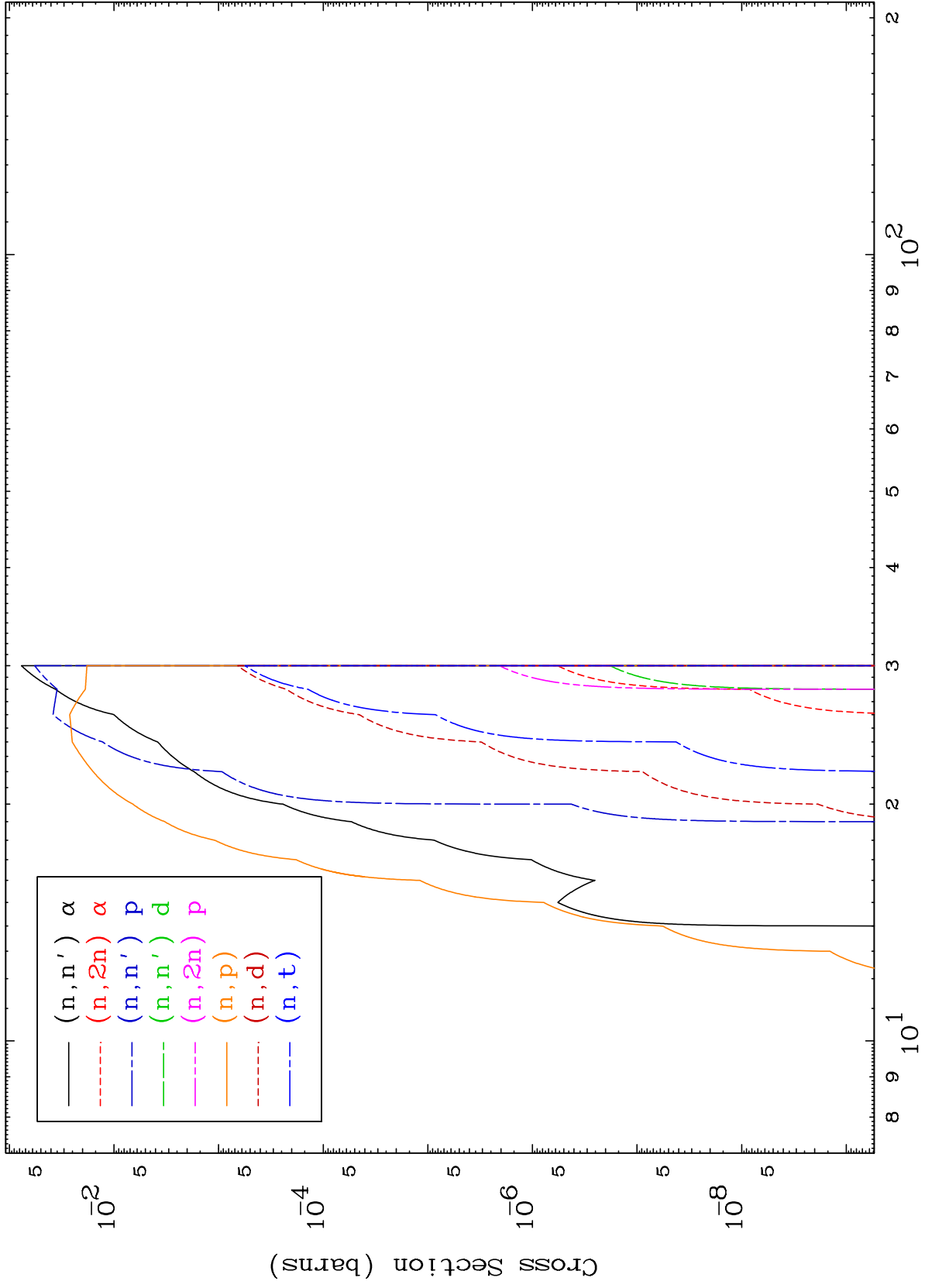


MAT 6410

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-147

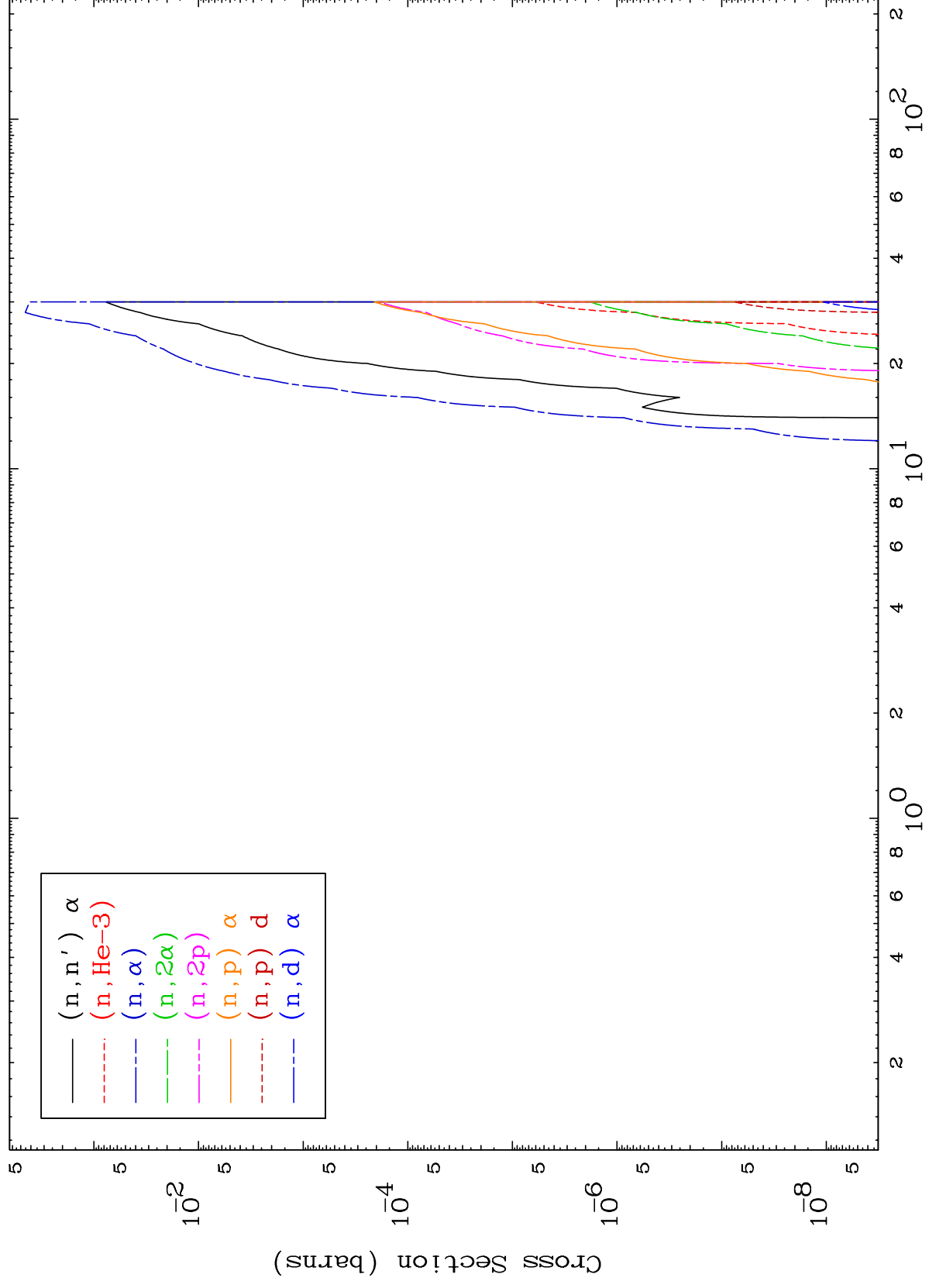




MAT 6410

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

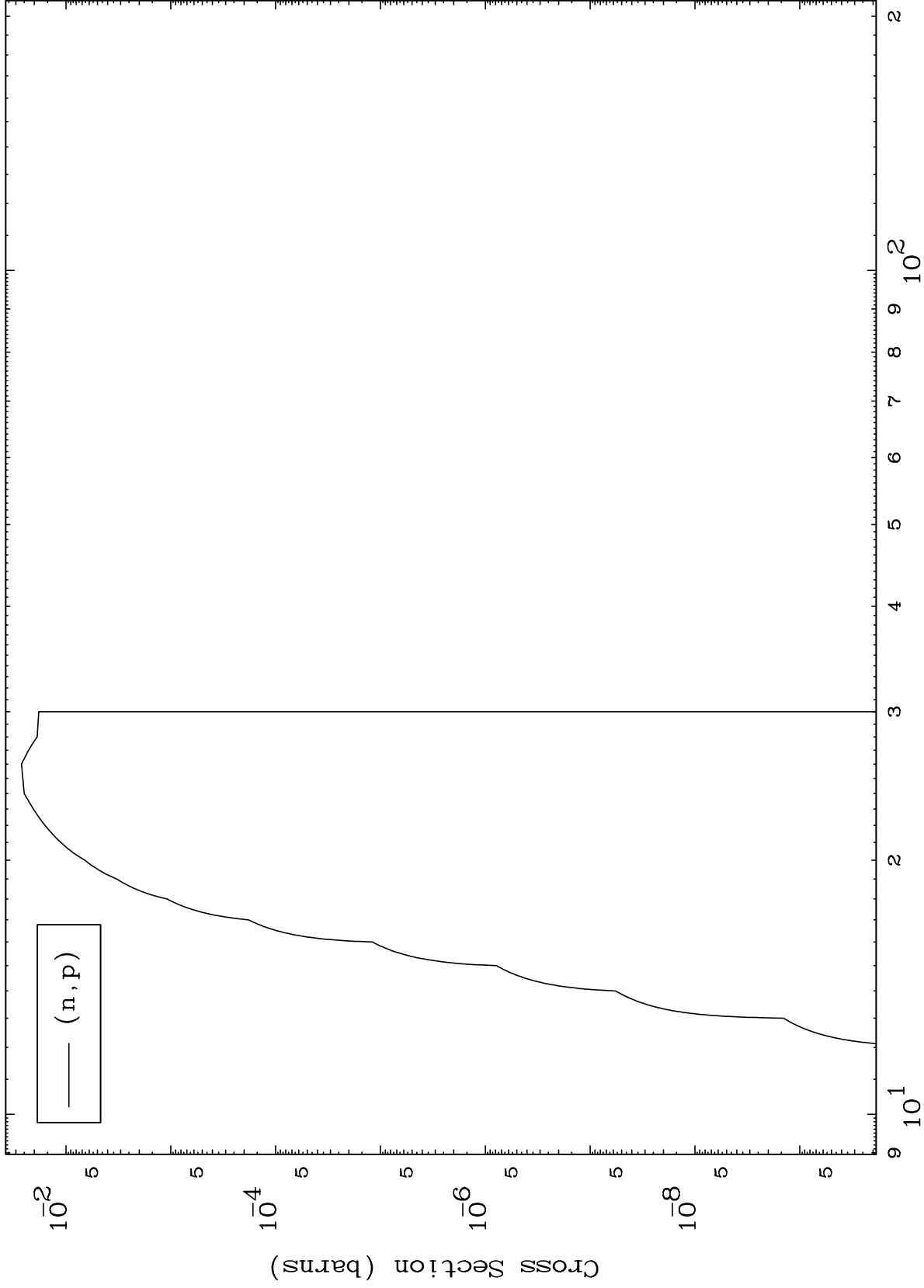
64-Gd-147



MAT 6410

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

64-Gd-147



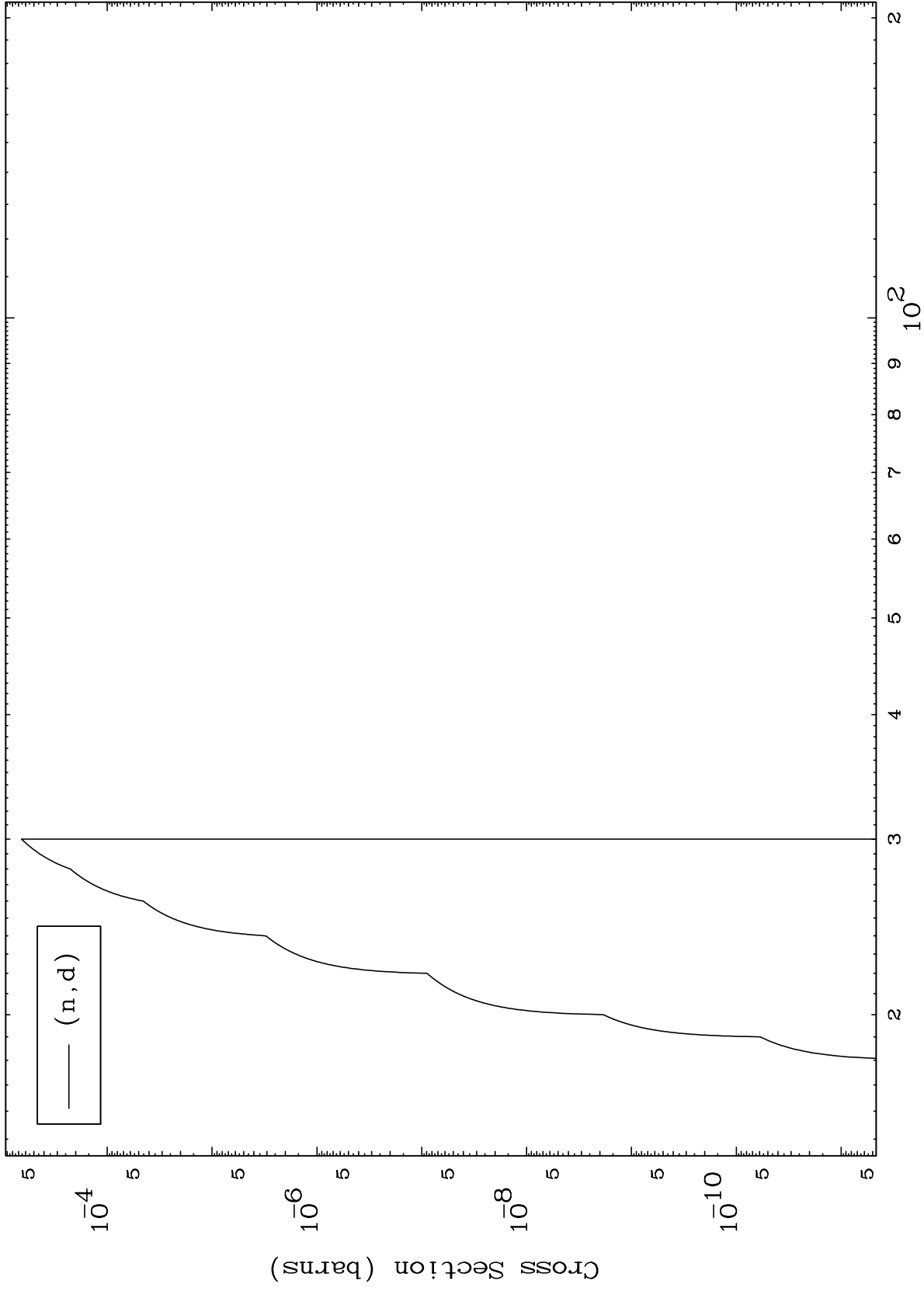
Incident Energy (MeV)

64-Gd-147

MAT 6410

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

64-Gd-147



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Incident Energy (MeV)

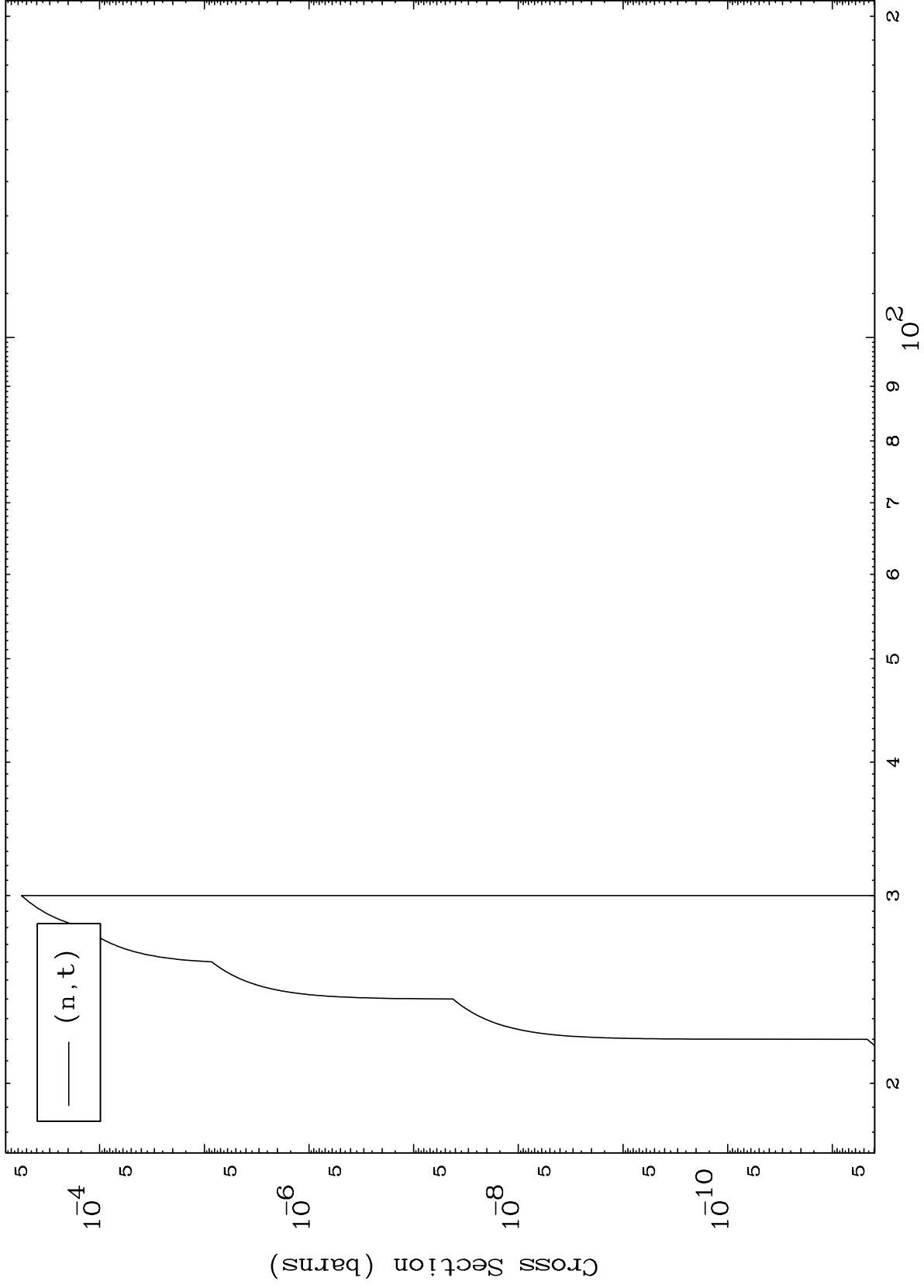
64-Gd-147



MAT 6410

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

64-Gd-147



8

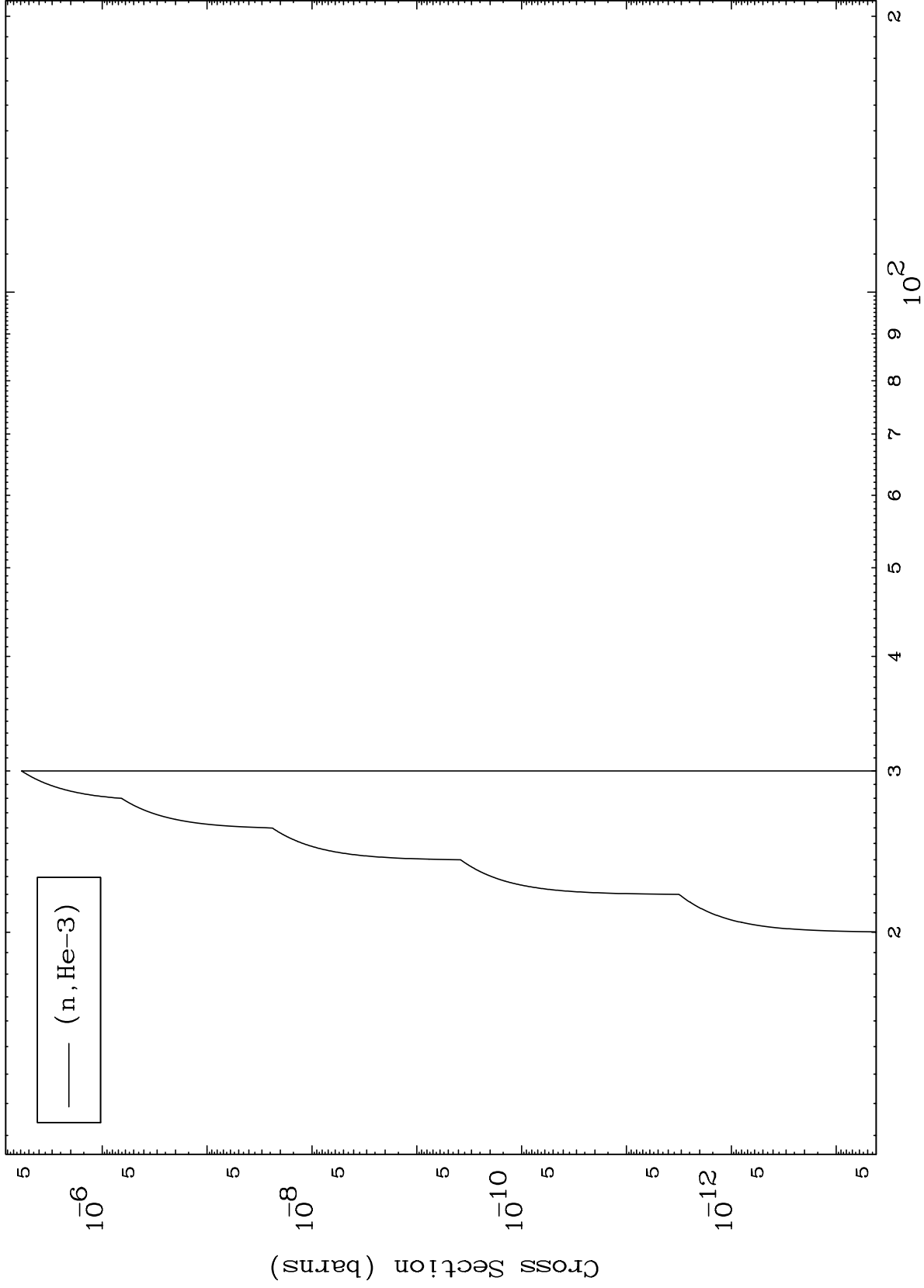
Incident Energy (MeV)

64-Gd-147

MAT 6410

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

64-Gd-147



9

Incident Energy (MeV)

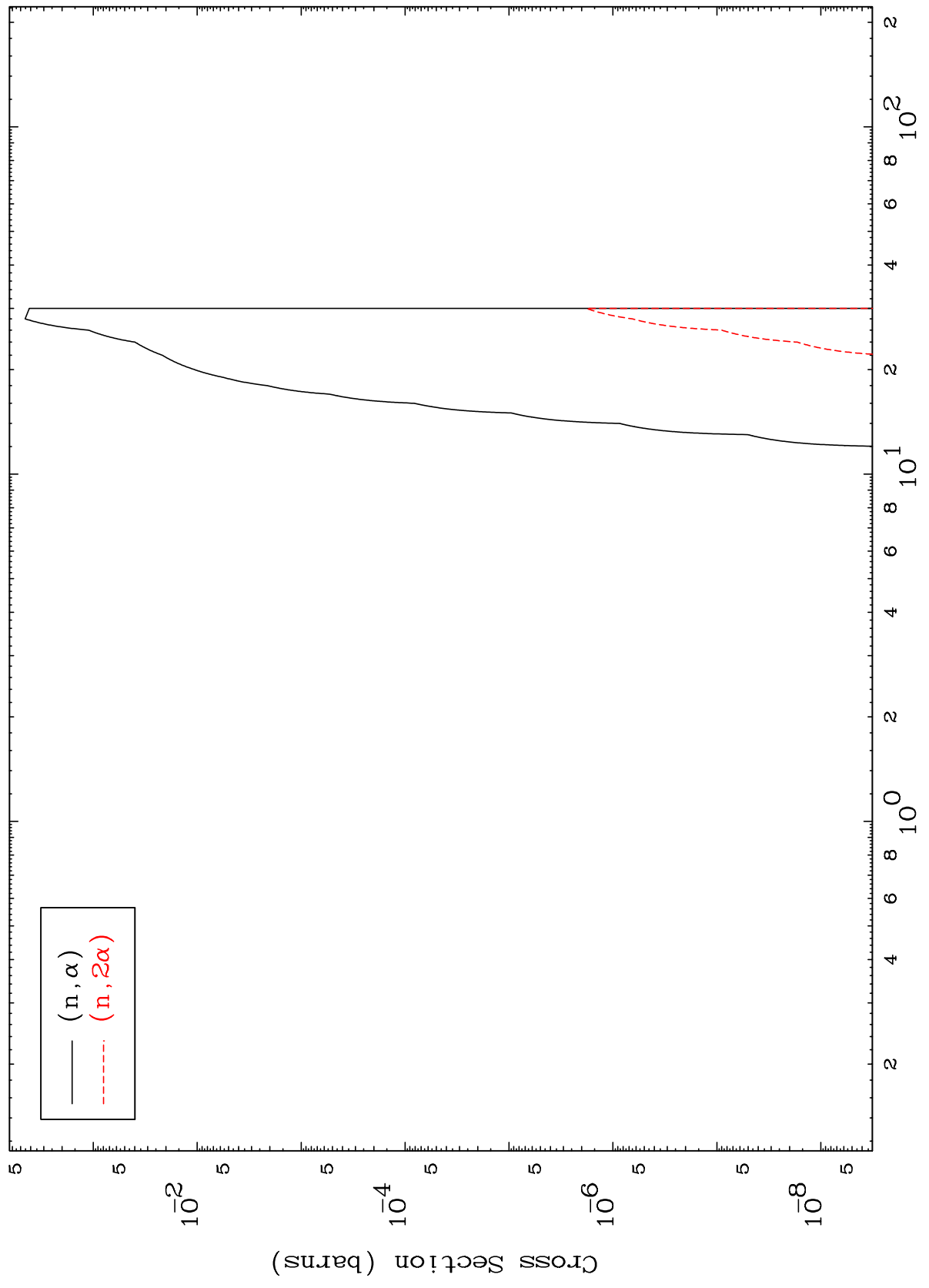
64-Gd-147

MAT 6410

( $\alpha, \alpha$ ) Levels

64-Gd-147

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

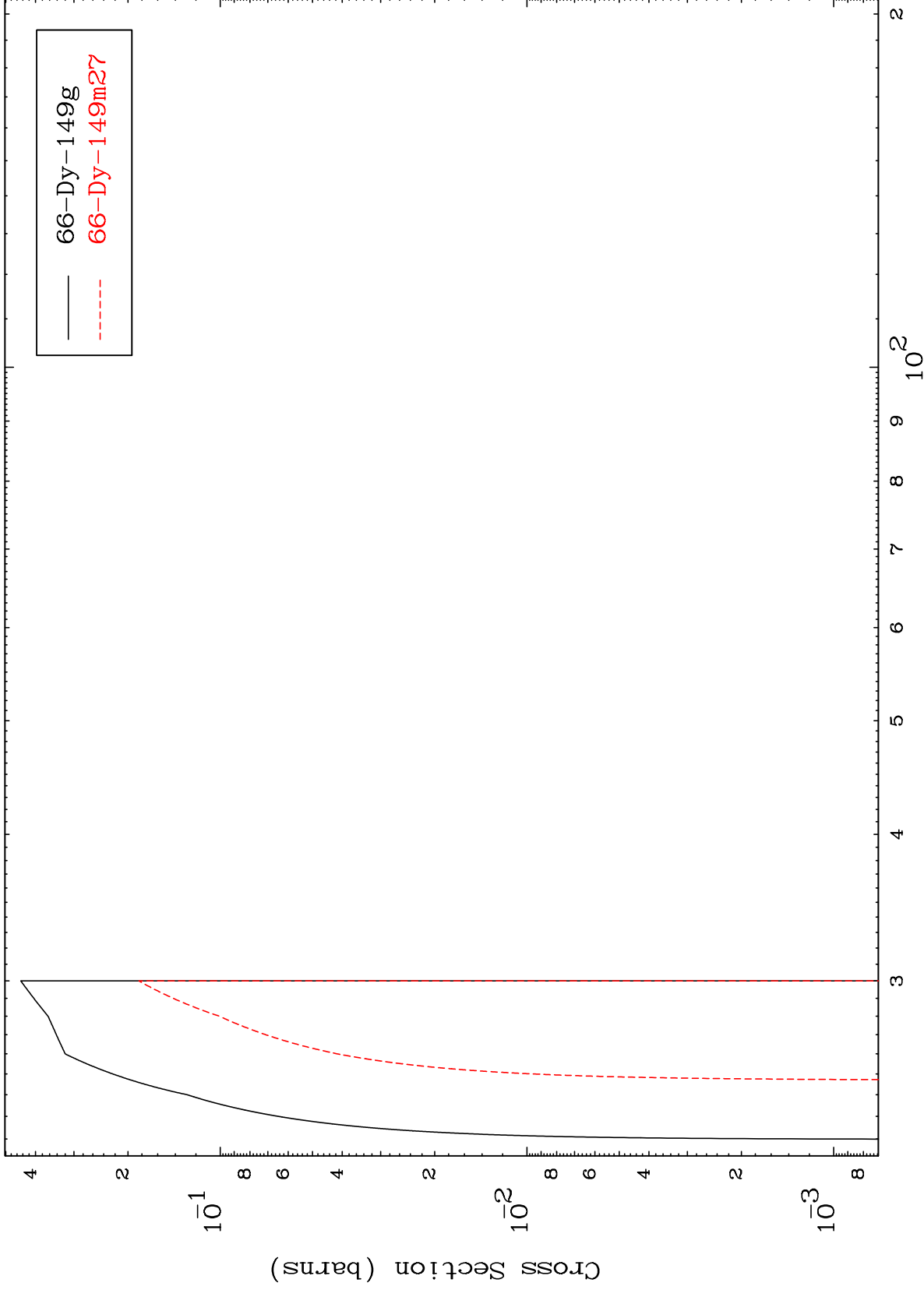
64-Gd-147

MAT 6410

(n,2n)

64-Gd-147

Radionuclide Production Cross Section



11

Incident Energy (MeV)

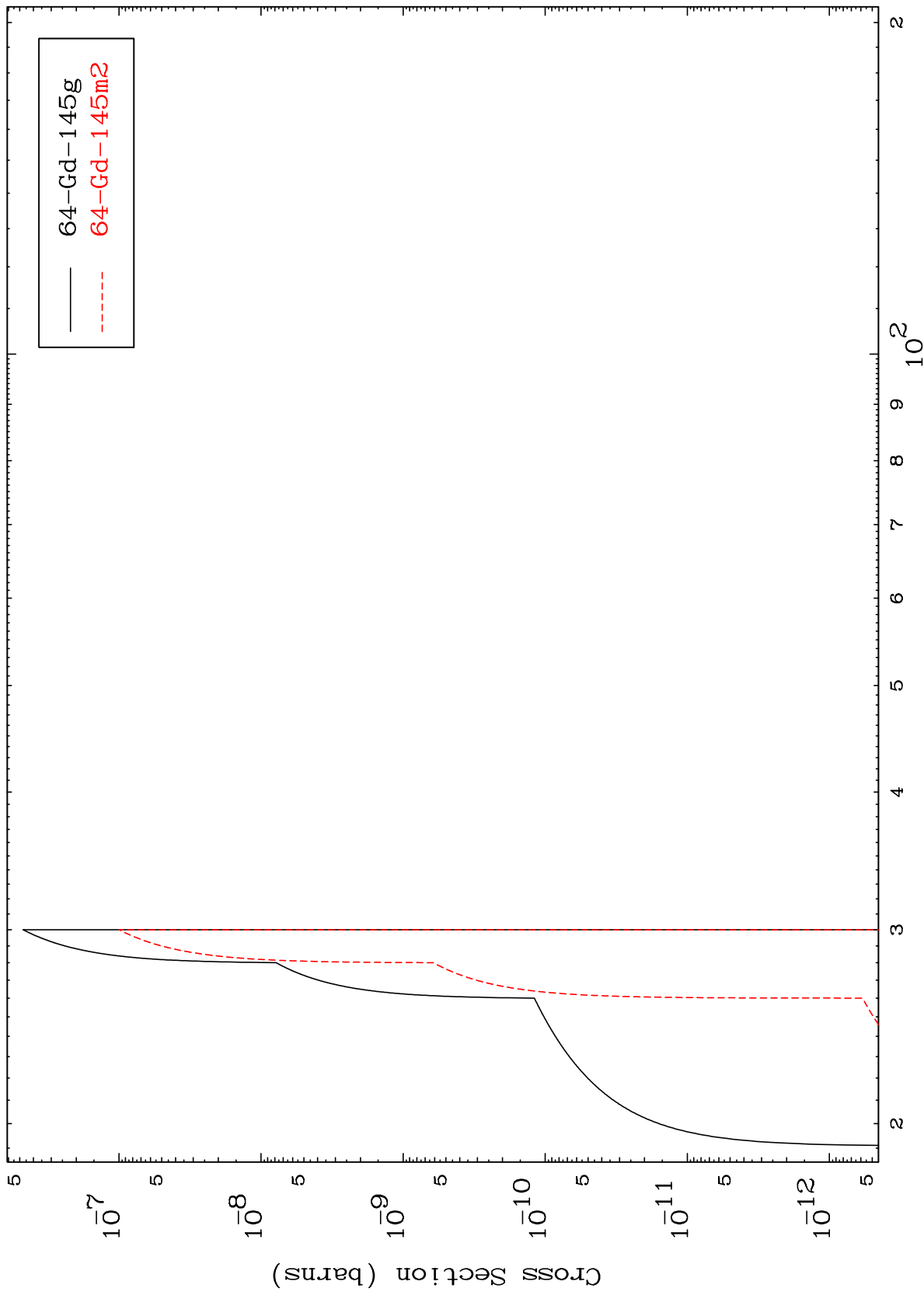
64-Gd-147

MAT 6410

$(n,2n) \alpha$

64-Gd-147

Radionuclide Production Cross Section

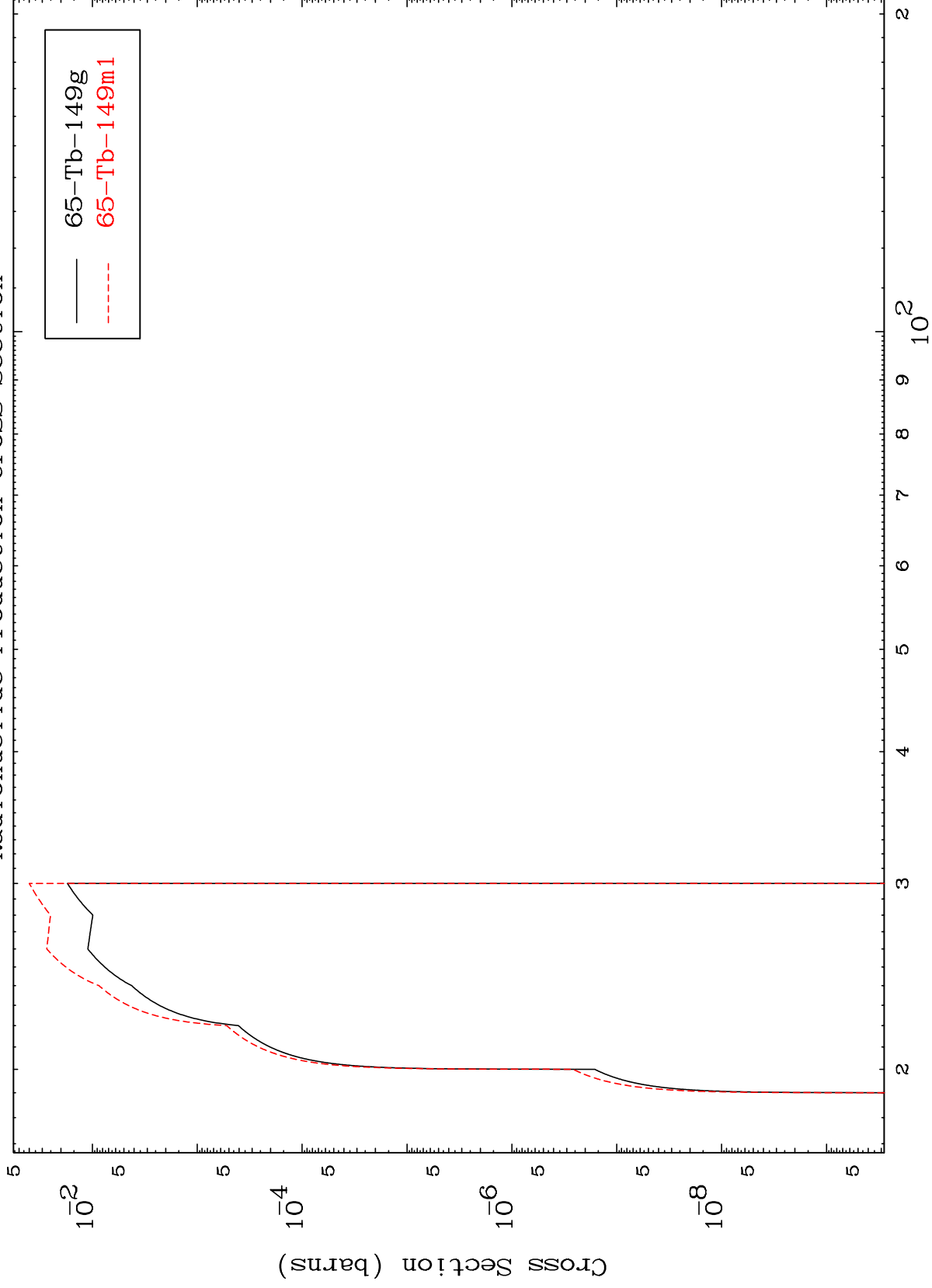


12

Incident Energy (MeV)

64-Gd-147

Radionuclide Production Cross Section

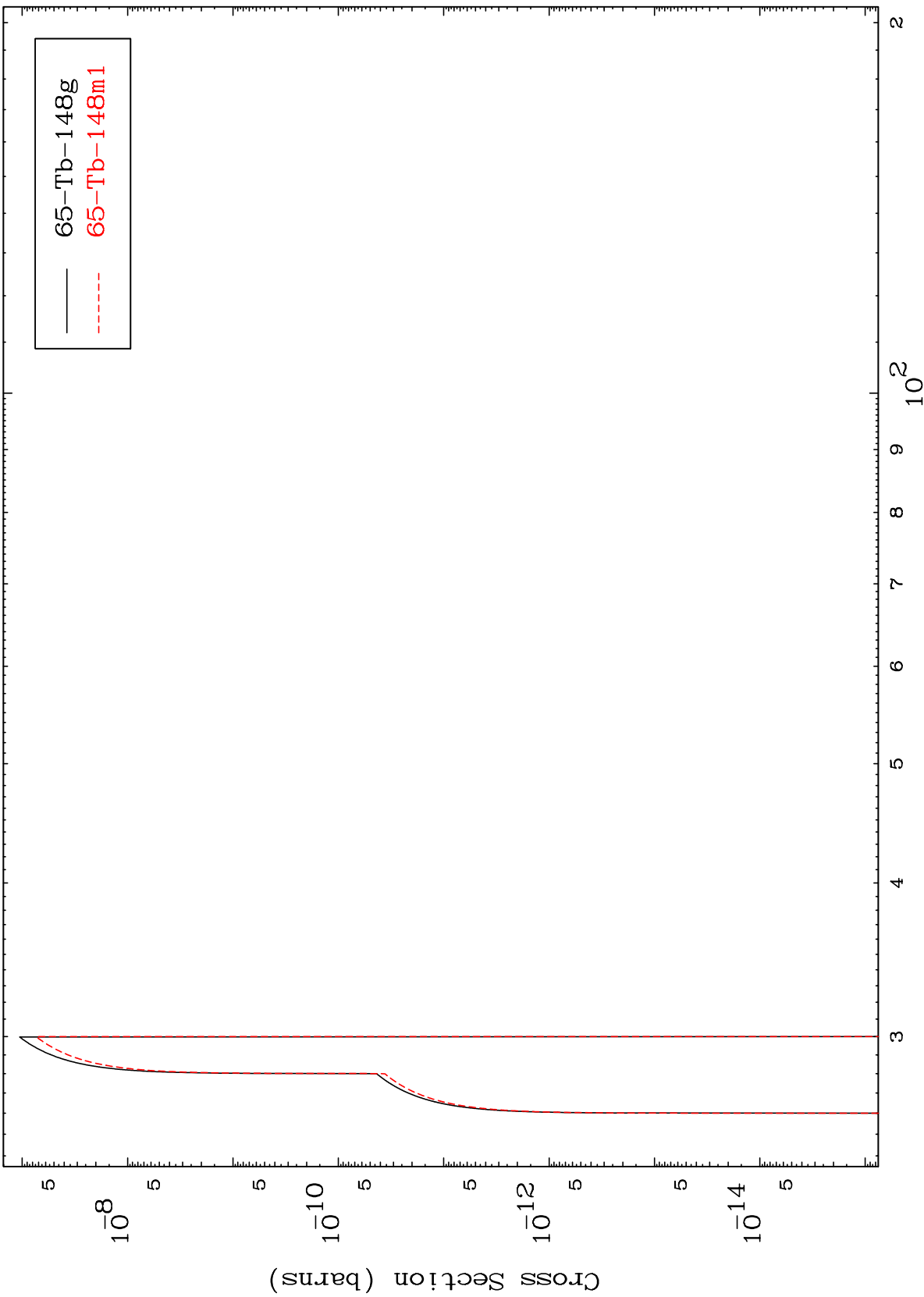


MAT 6410

(n,n') d

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

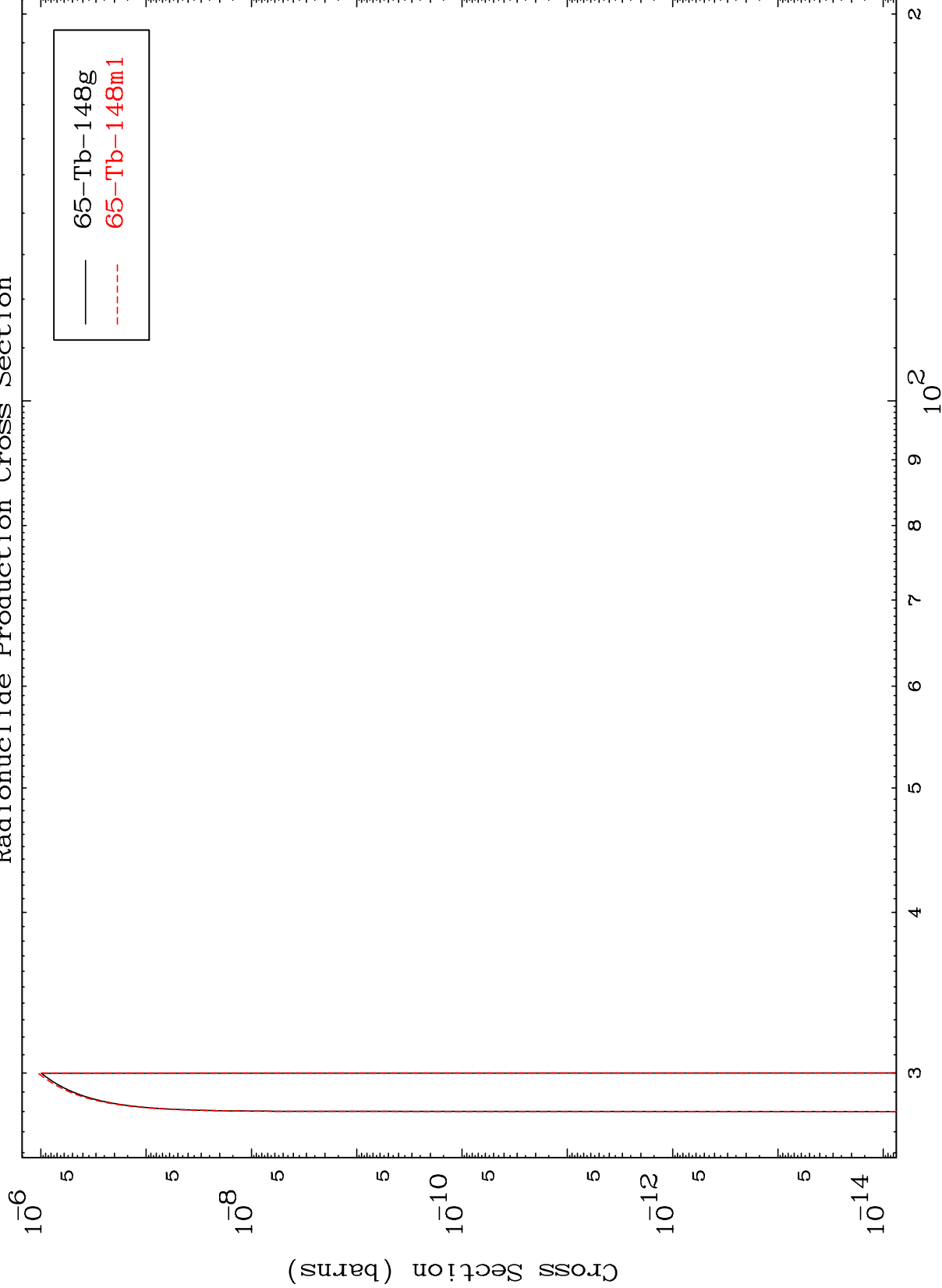
64-Gd-147

MAT 6410

(n,2n) p

64-Gd-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

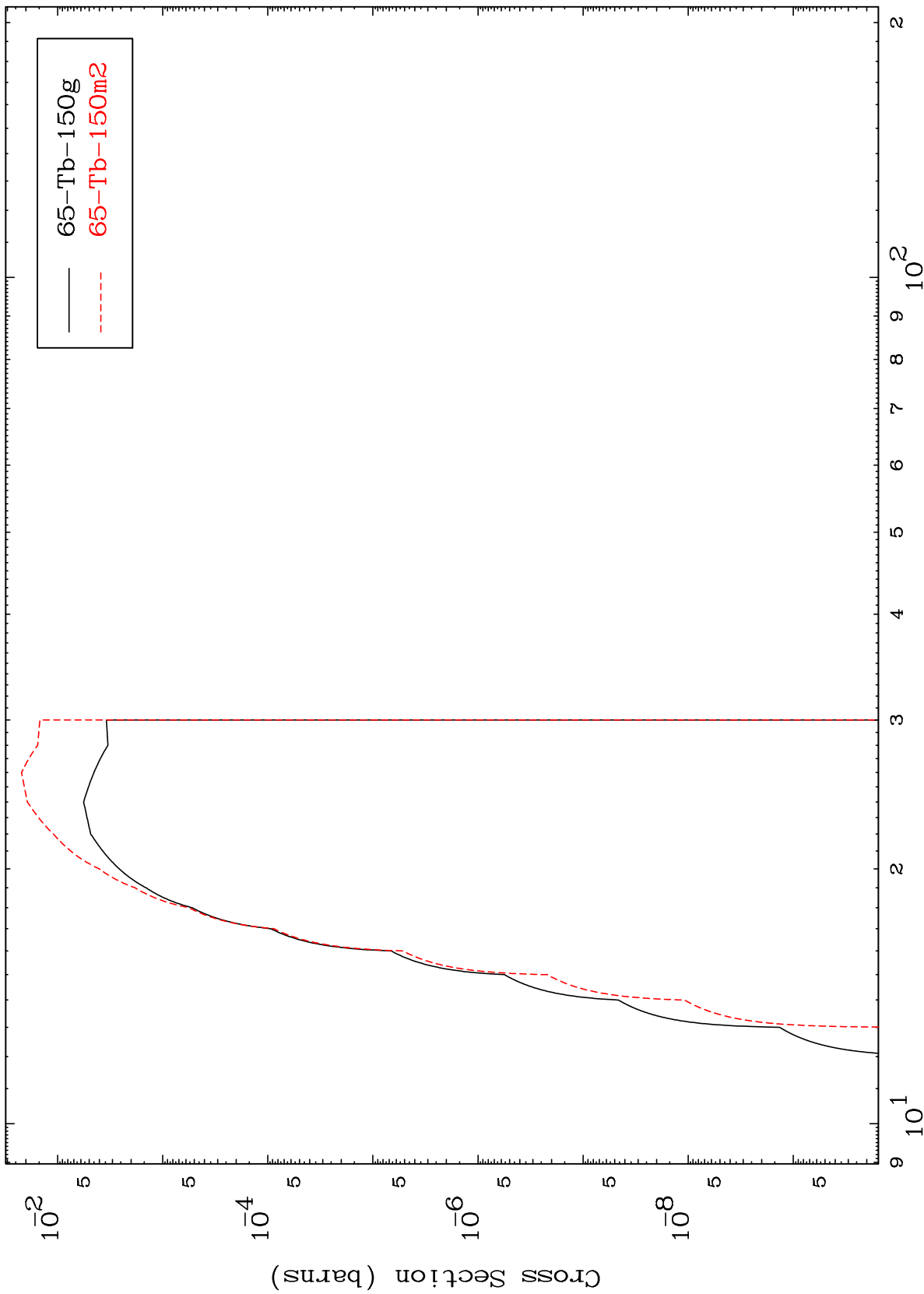
64-Gd-147



MAT 6410

64-Gd-147

(n,p)  
Radionuclide Production Cross Section



64-Gd-147

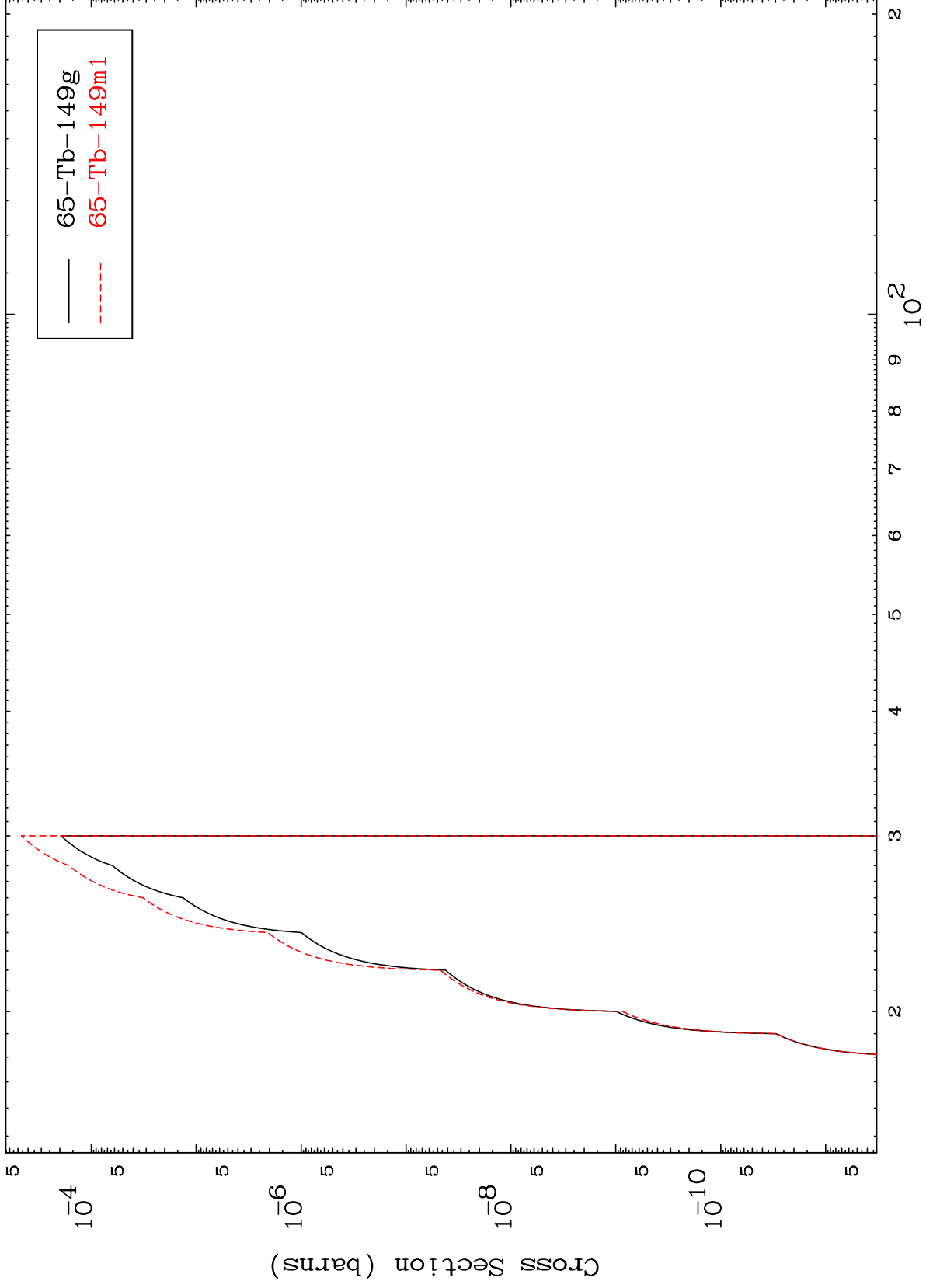
Incident Energy (MeV)

16

MAT 6410

64-Gd-147

(n,d)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

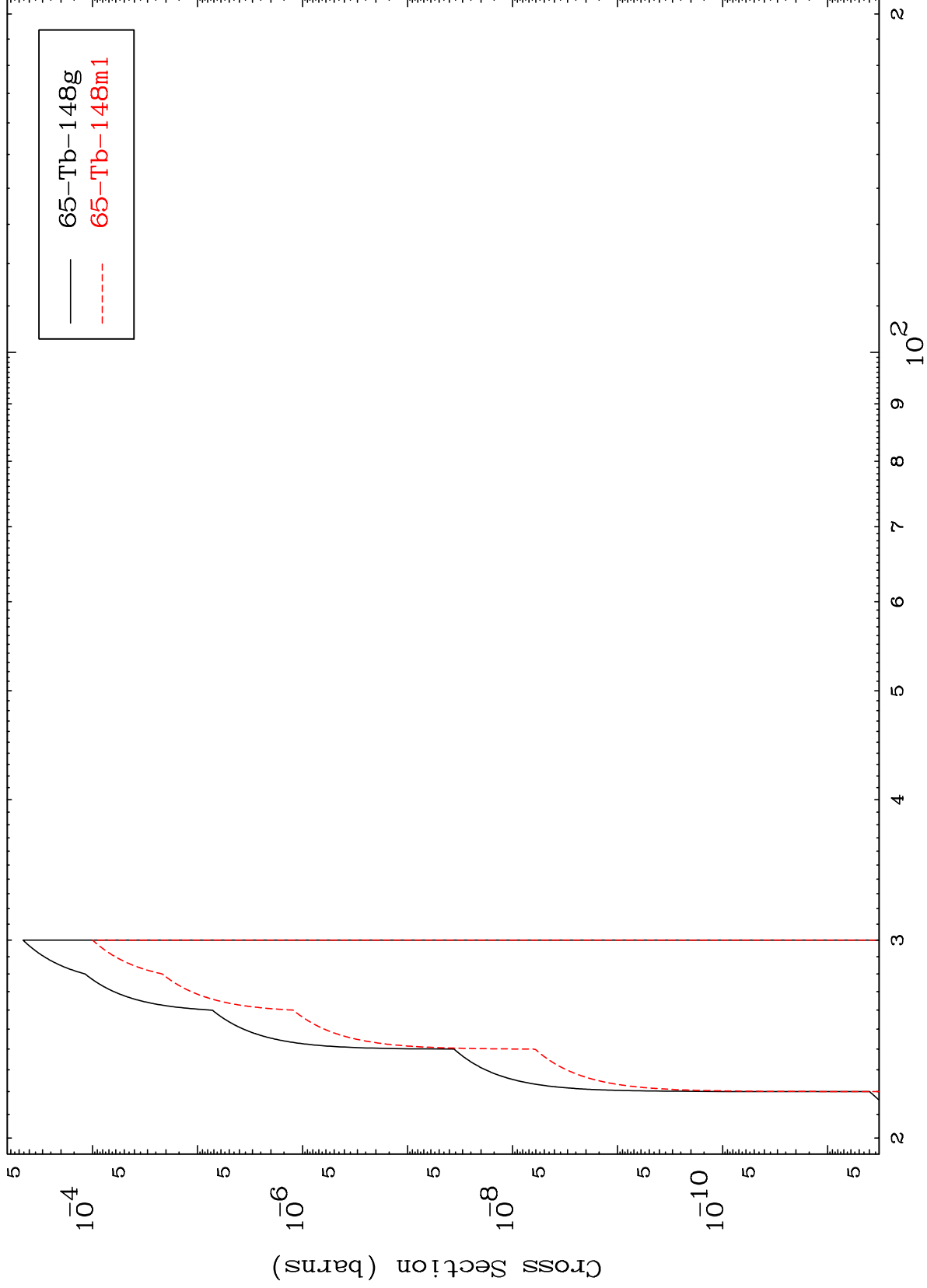
64-Gd-147

MAT 6410

(n, t)

64-Gd-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

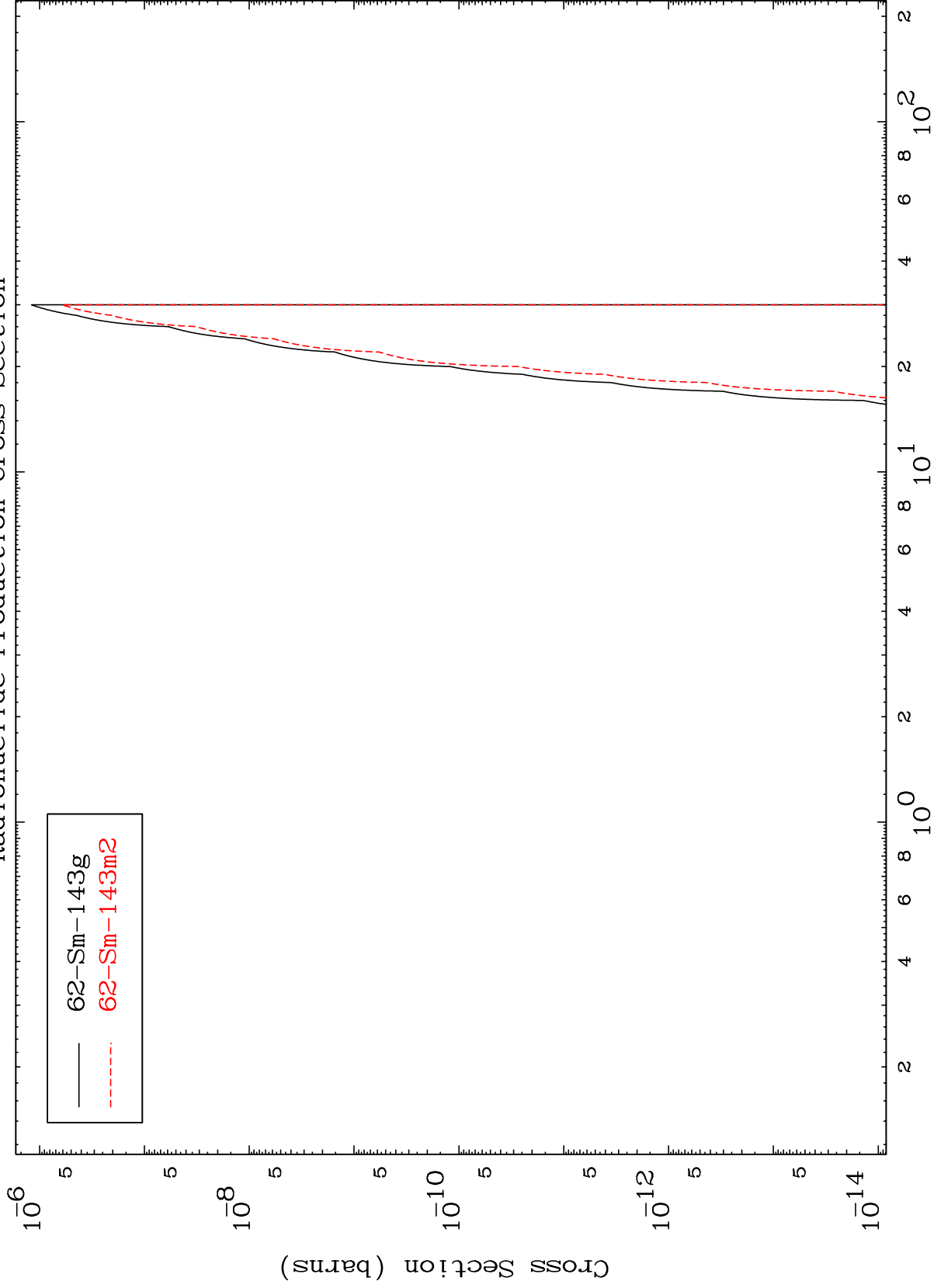
64-Gd-147

MAT 6410

(n,2α)

64-Gd-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-147