

Program EVALPLOT  
(Version 2021-1)

by

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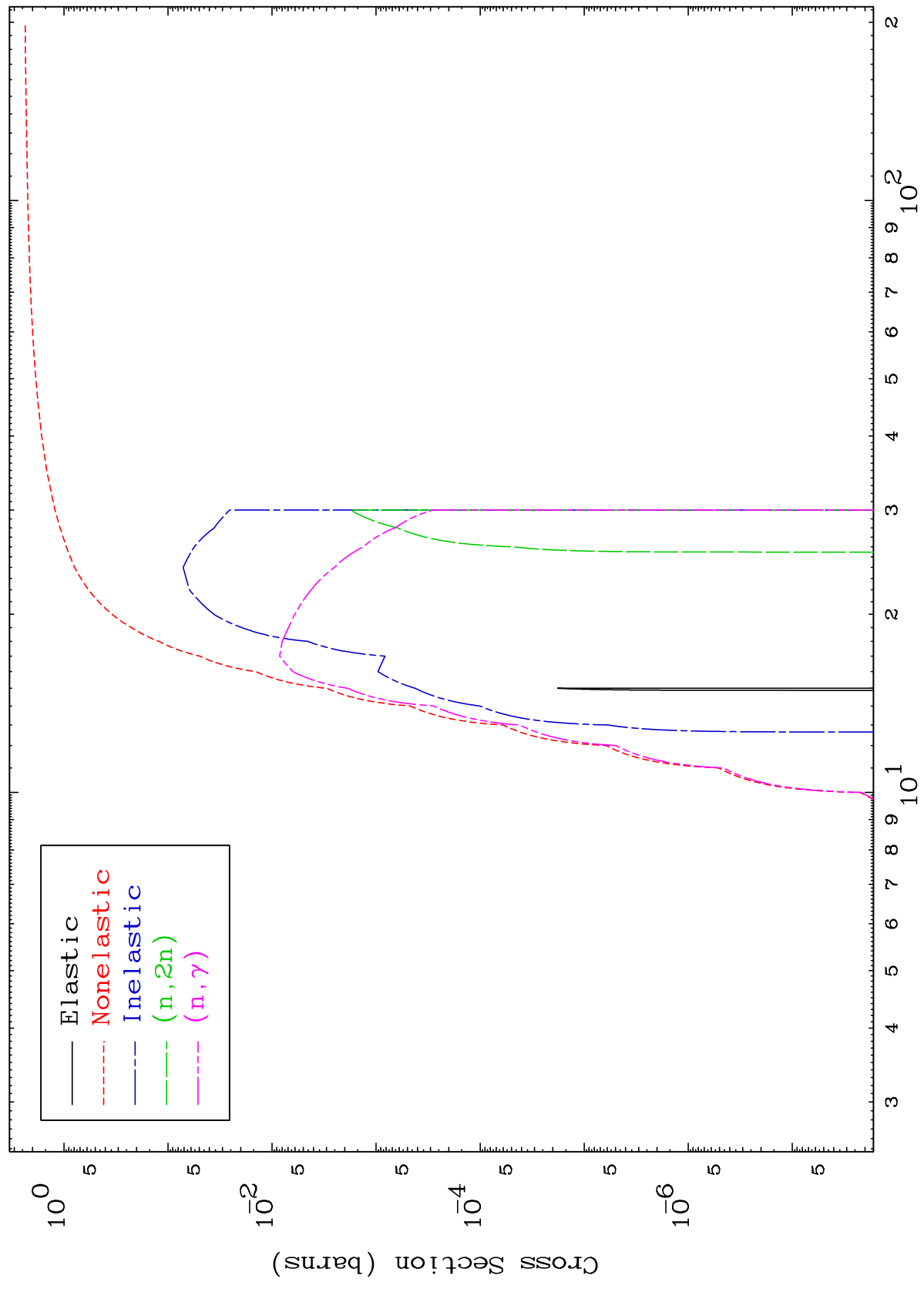
Press Mouse Button to Start

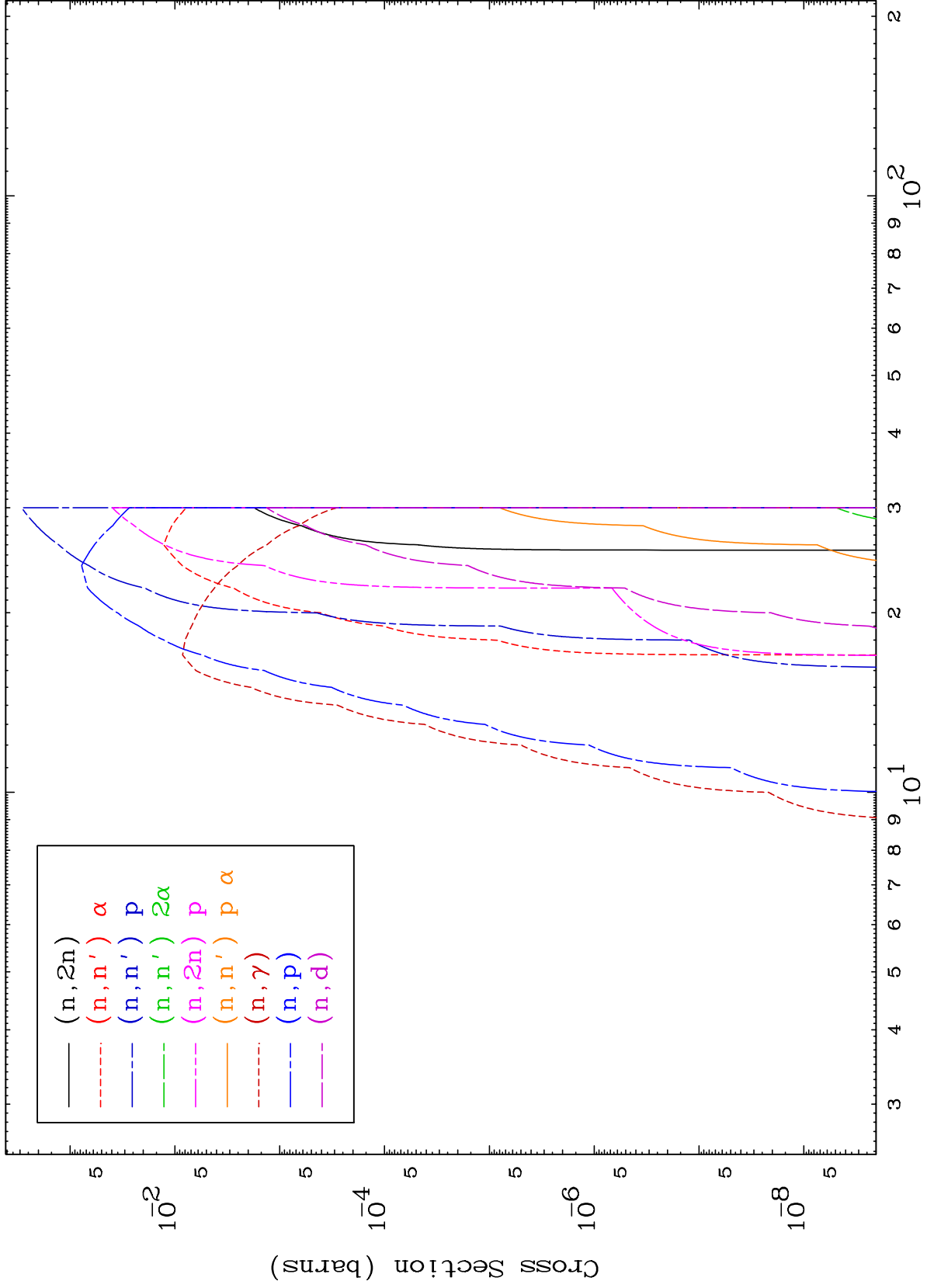
MAT 6392

0 Kelvin

$\alpha$  Major Cross Sections

64-Gd-141

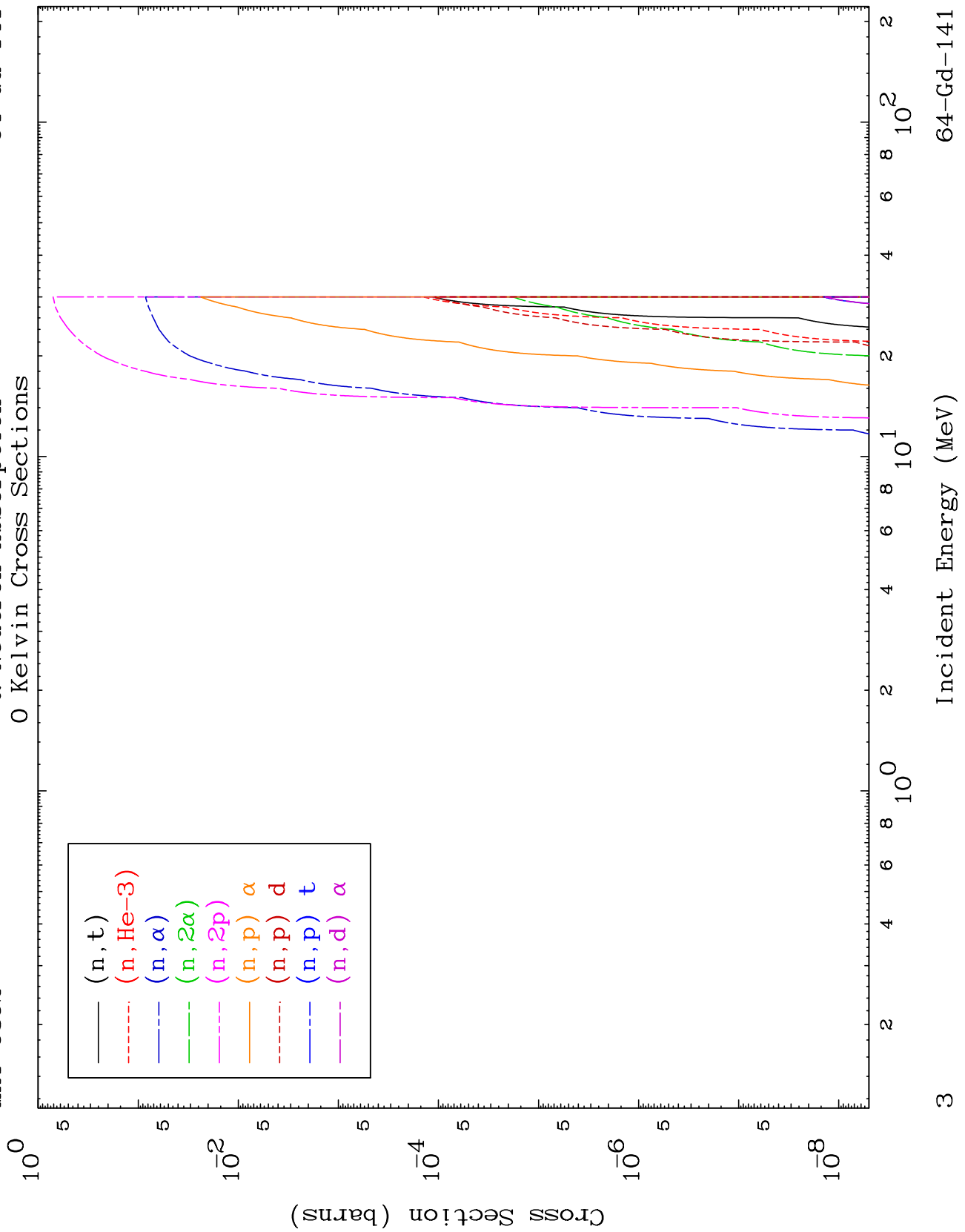




MAT 6392

64-Gd-141

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections



64-Gd-141

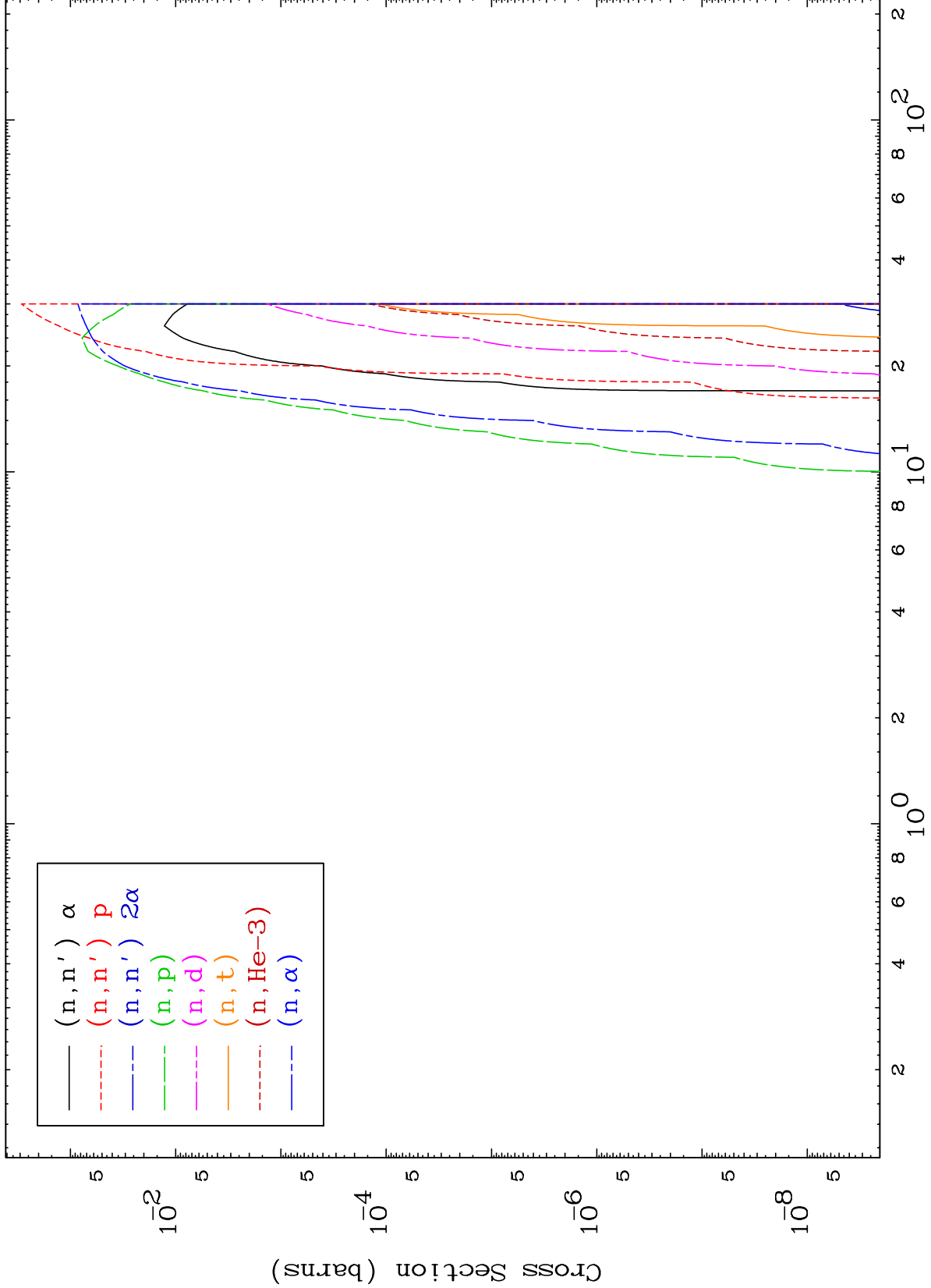
Incident Energy (MeV)

3

MAT 6392

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

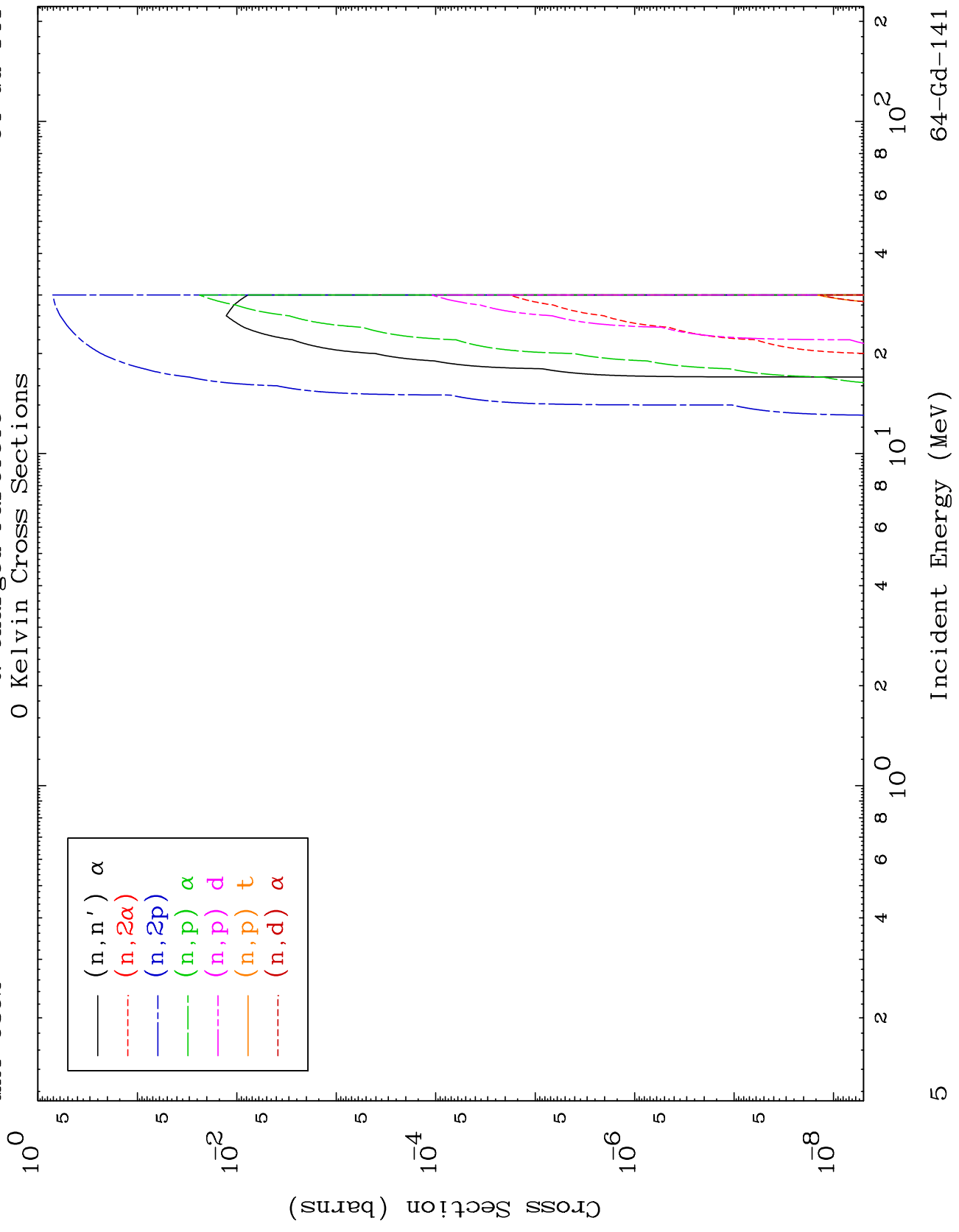
64-Gd-141



MAT 6392

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

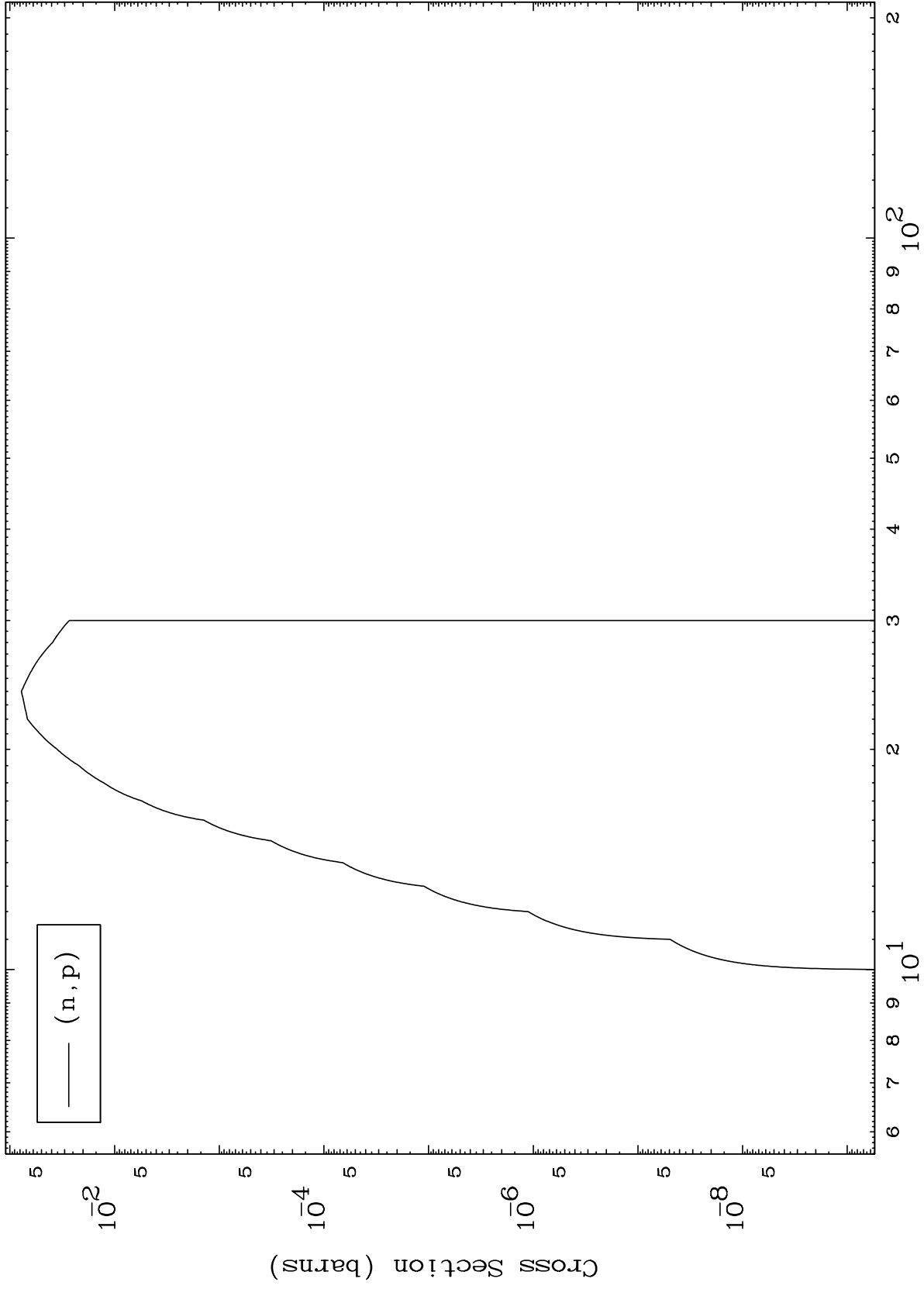
64-Gd-141



MAT 6392

64-Gd-141

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



6

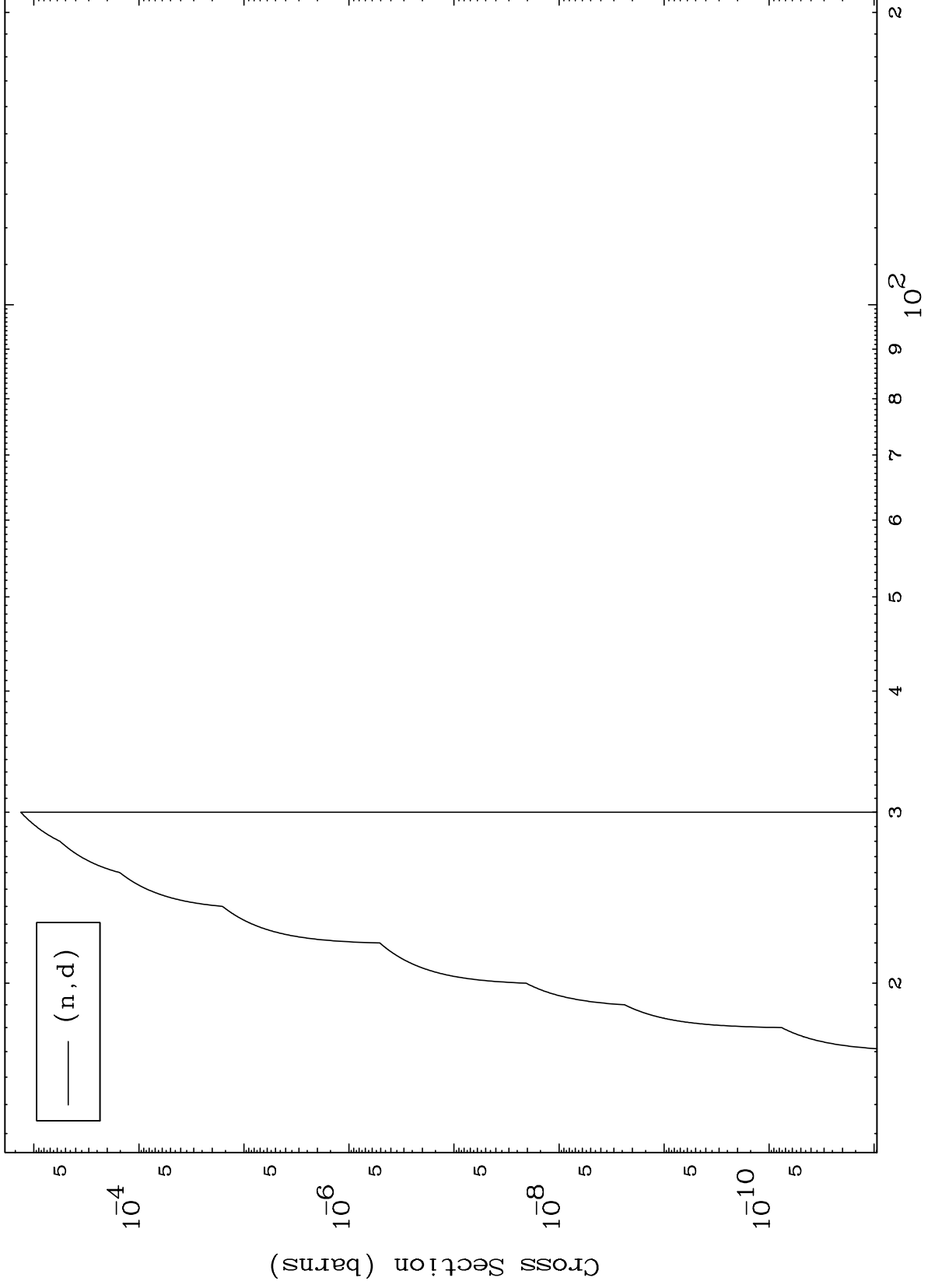
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



7

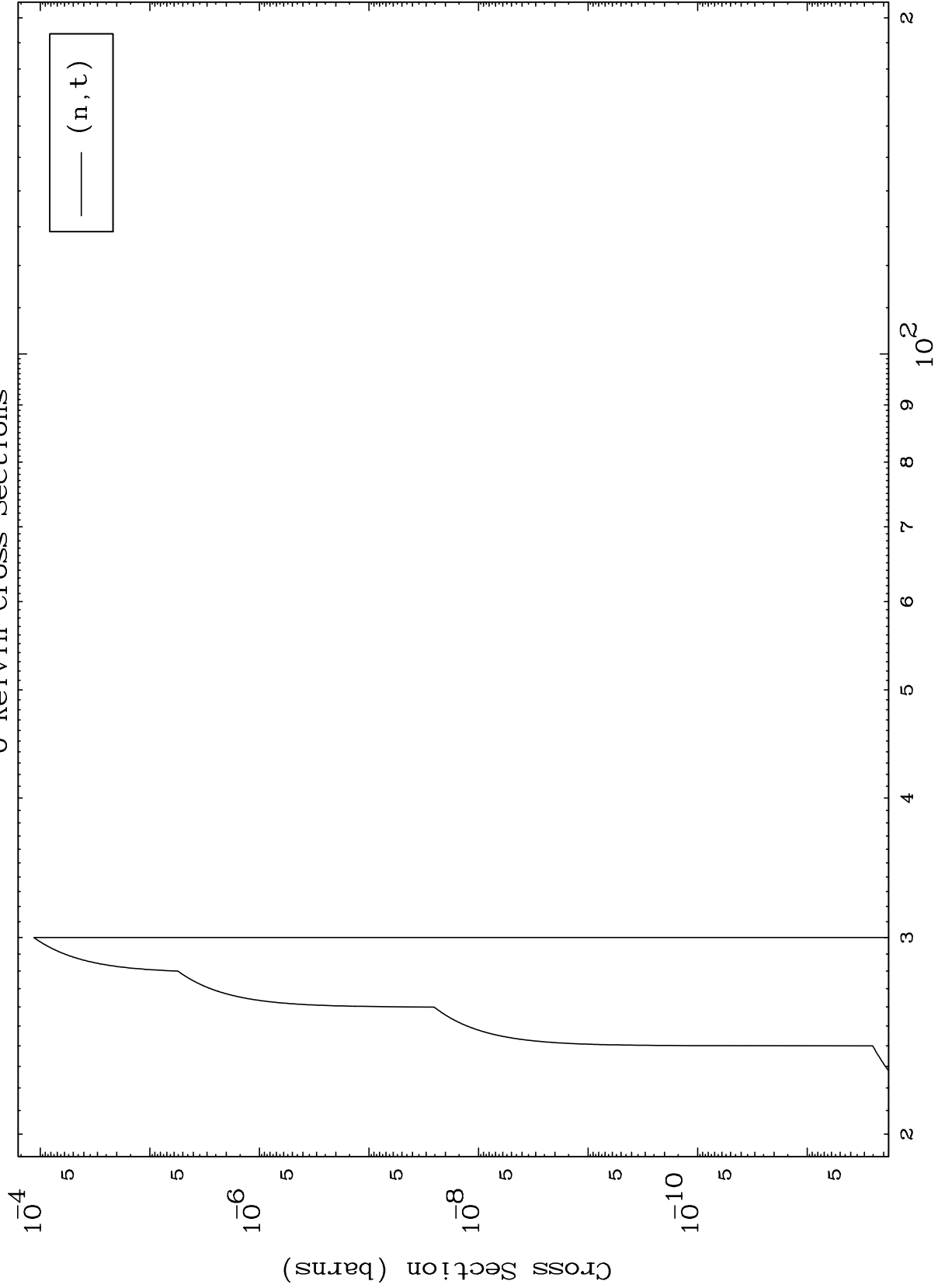
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

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



64-Gd-141

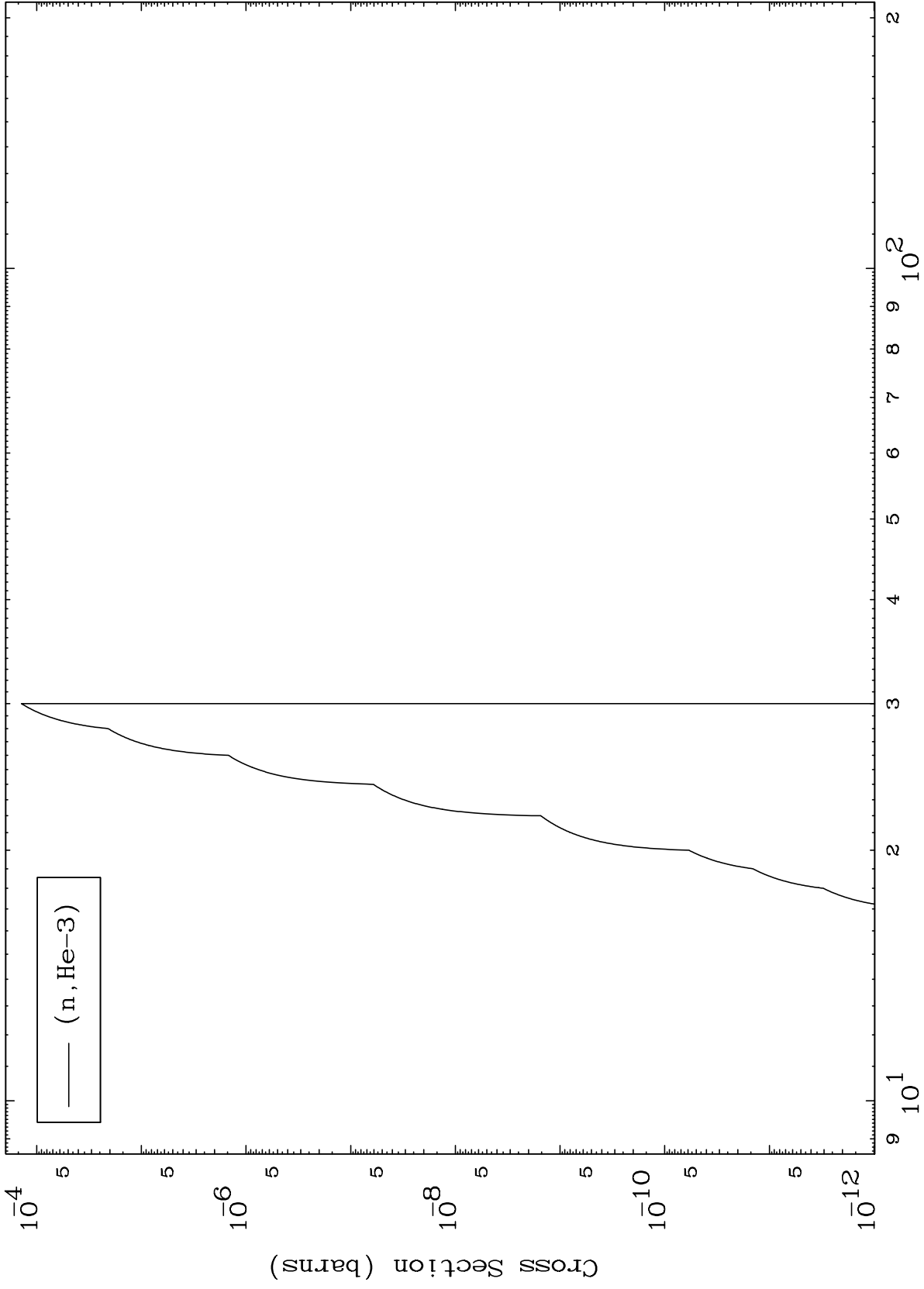
Incident Energy (MeV)

8

MAT 6392

64-Gd-141

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



64-Gd-141

Incident Energy (MeV)

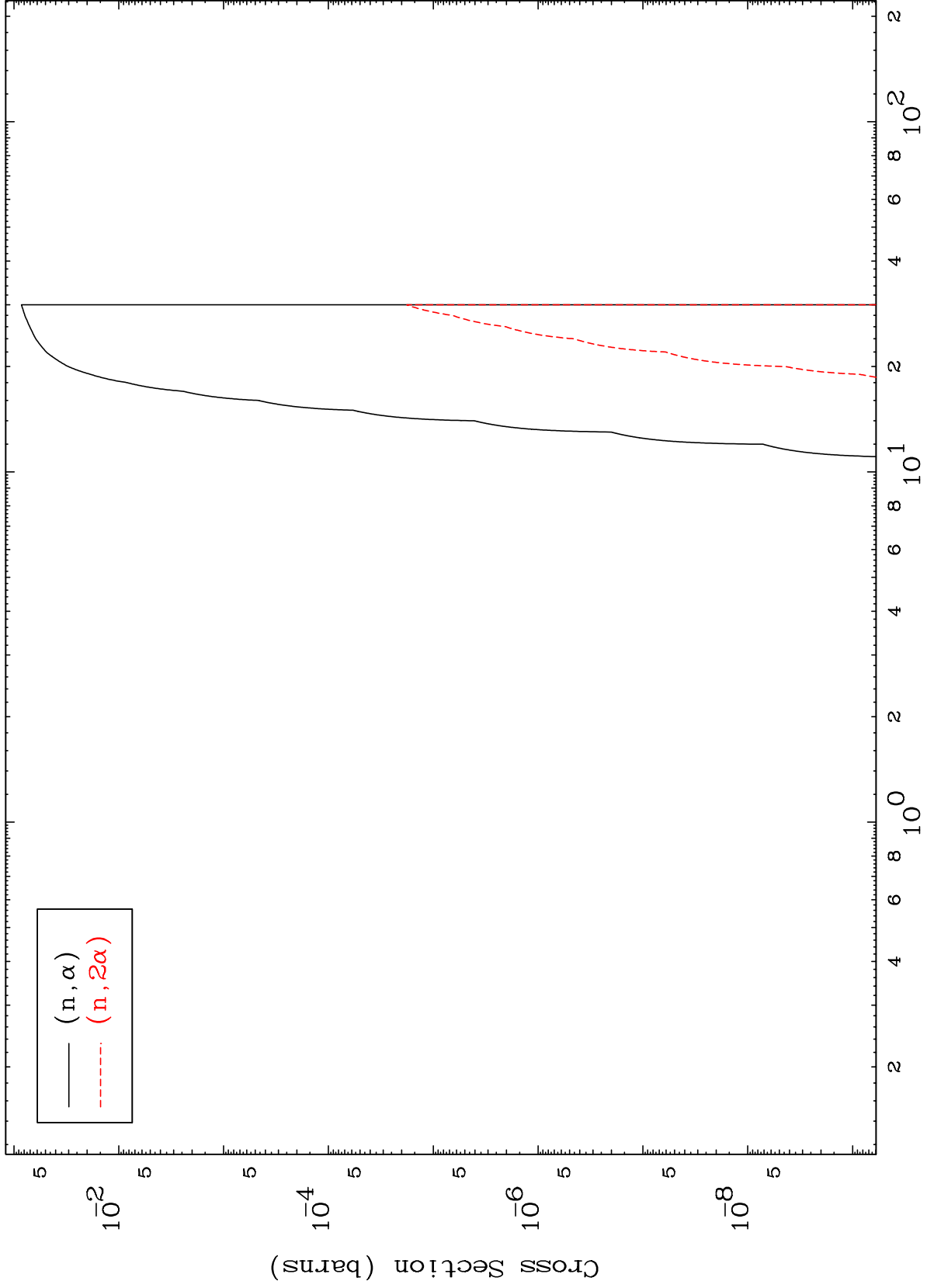
9

MAT 6392

( $\alpha, \alpha$ ) Levels

64-Gd-141

0 Kelvin Cross Sections



10

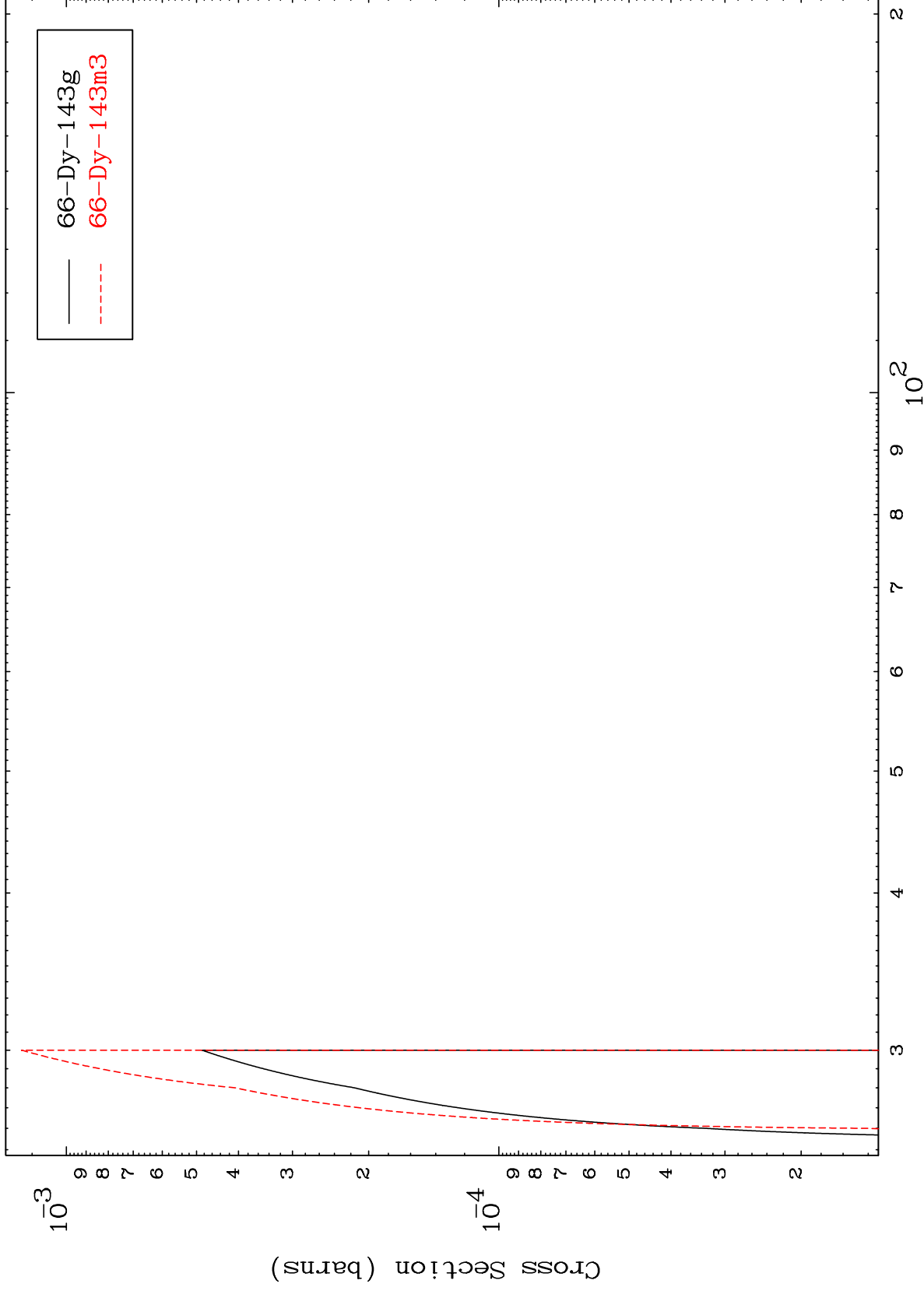
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n,2n)  
Radionuclide Production Cross Section

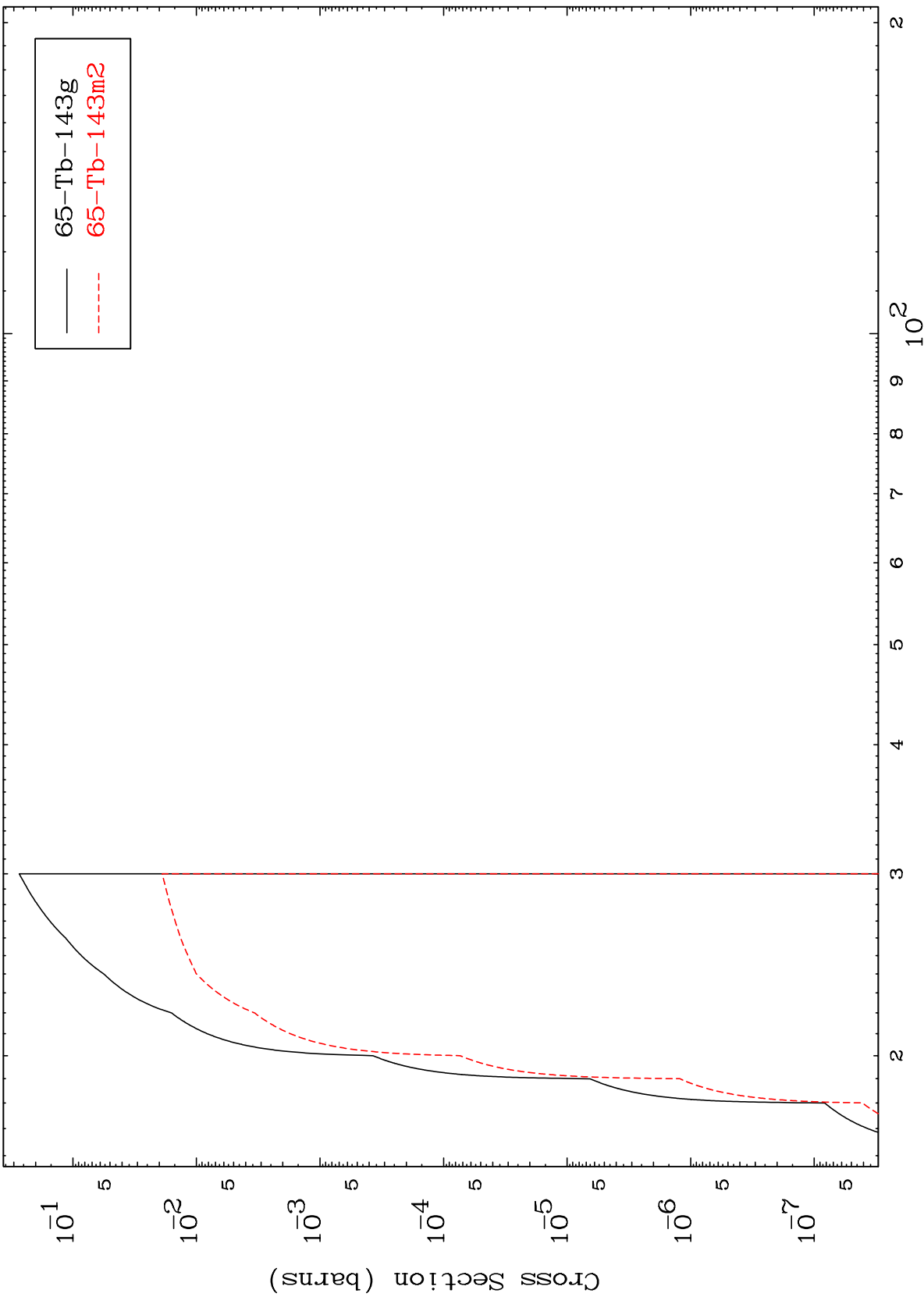


11

64-Gd-141

Incident Energy (MeV)

Radionuclide Production Cross Section

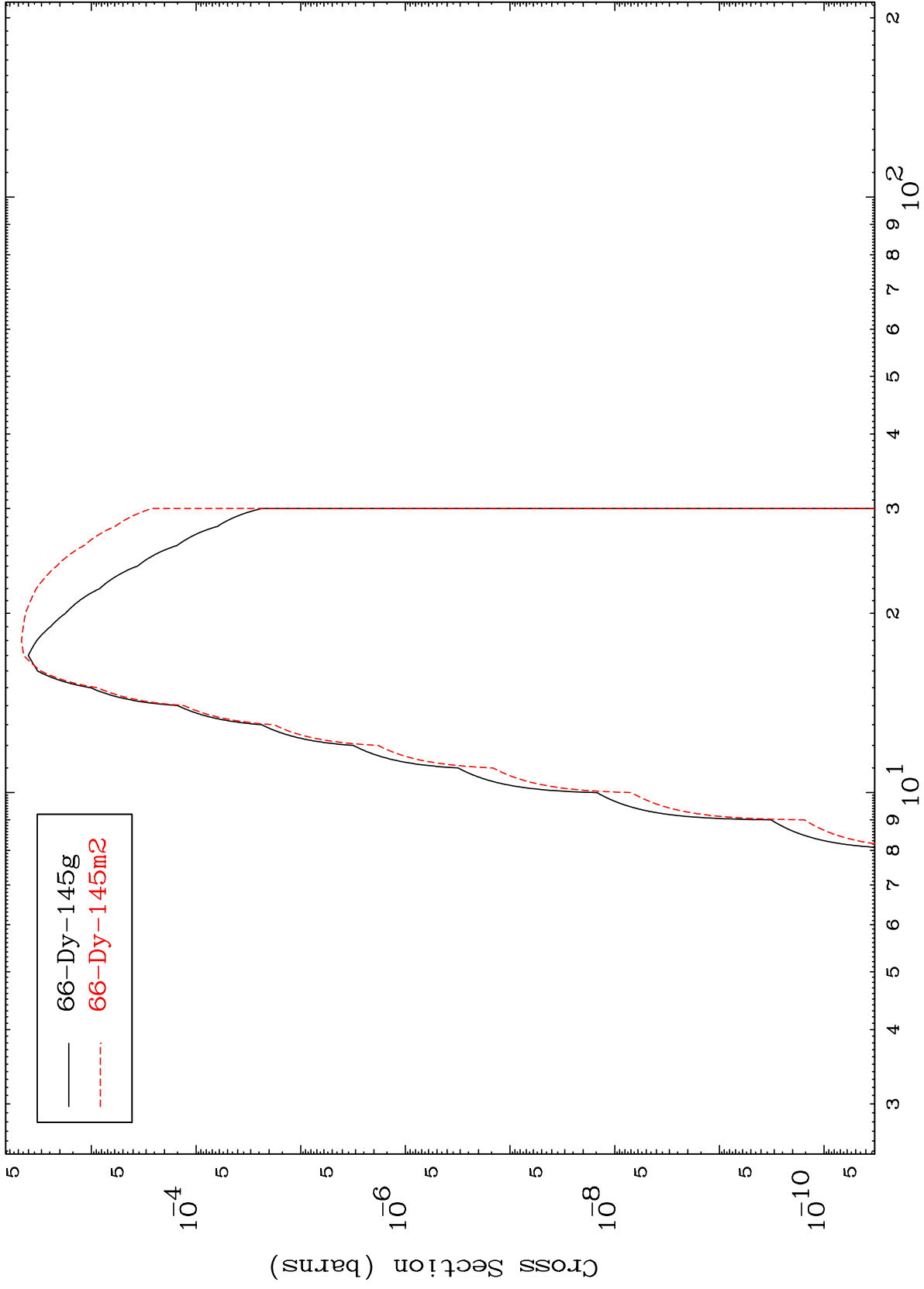


65-Tb-143g  
65-Tb-143m2

MAT 6392

64-Gd-141

(n,  $\gamma$ )  
Radionuclide Production Cross Section



13

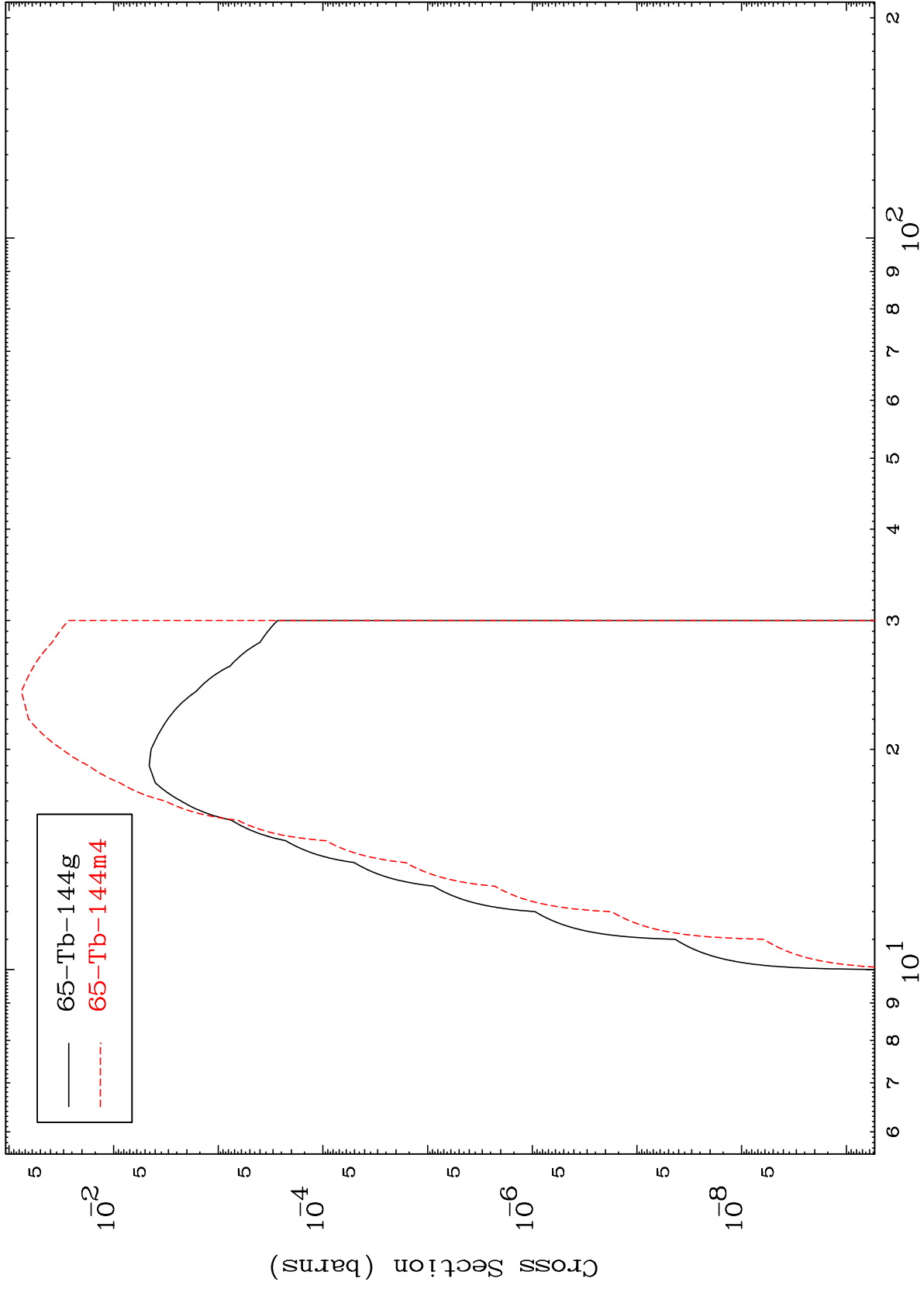
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n,p)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

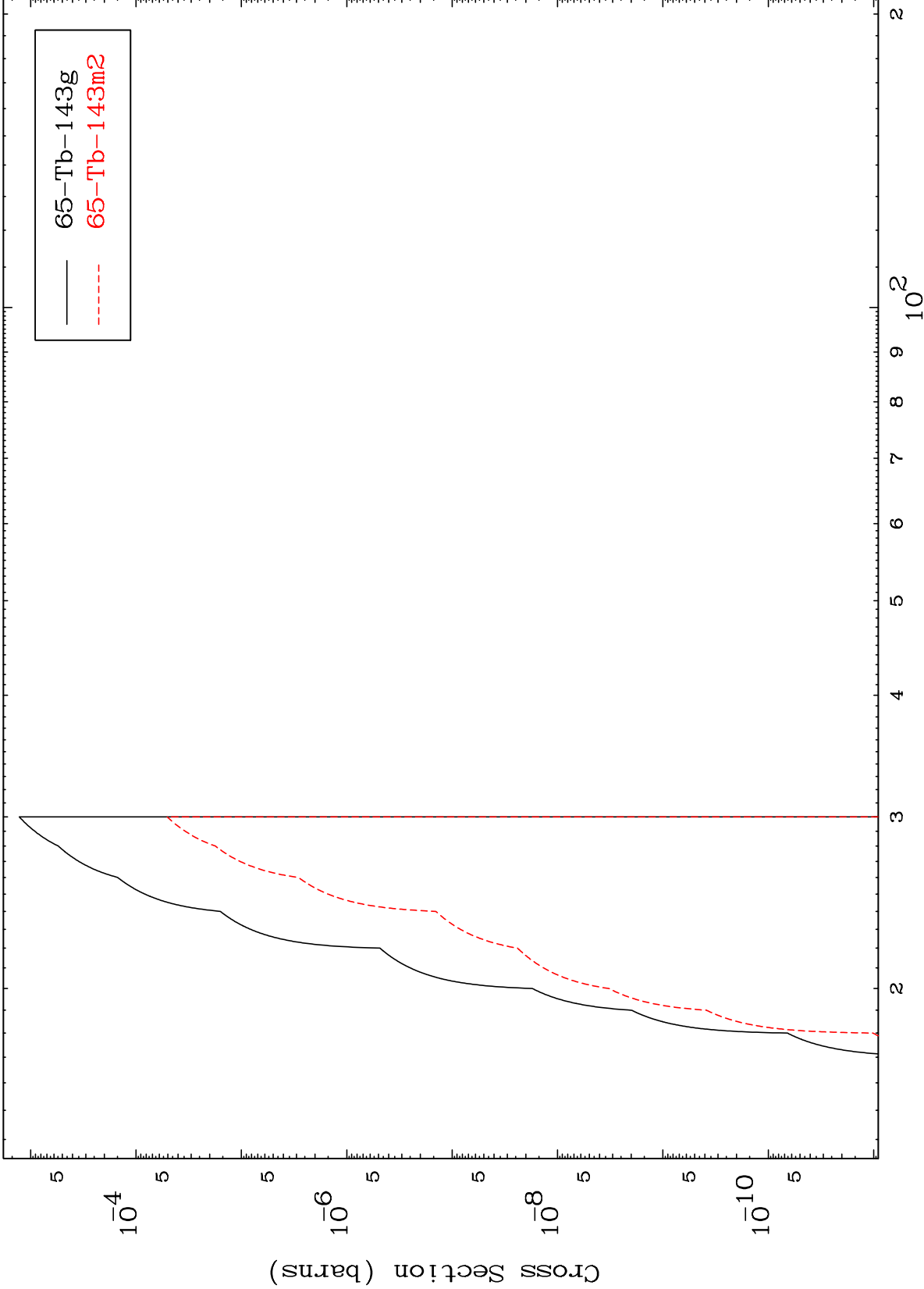
64-Gd-141

MAT 6392

(n,d)

64-Gd-141

Radionuclide Production Cross Section



15

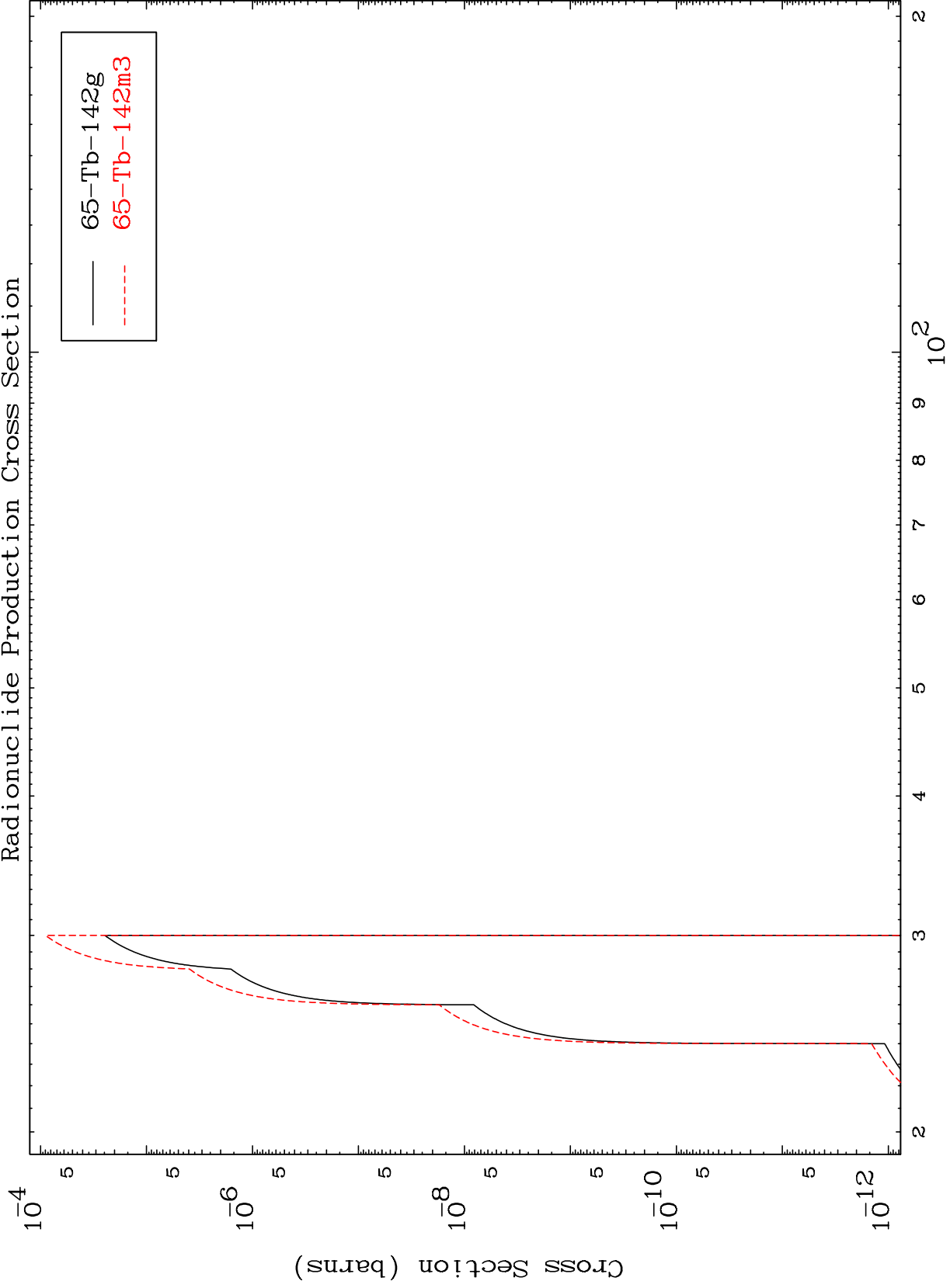
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n, t)  
Radionuclide Production Cross Section



64-Gd-141

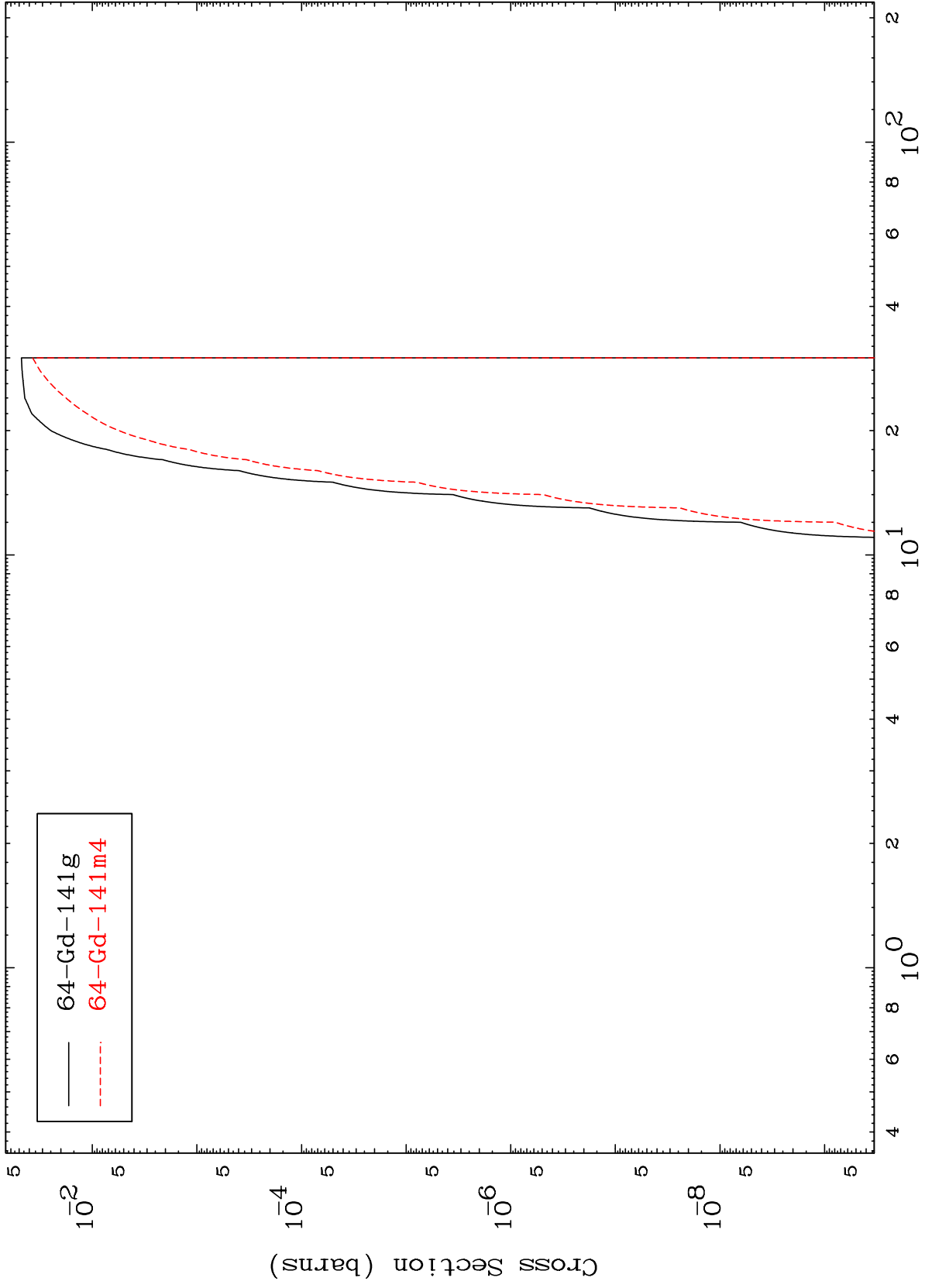
Incident Energy (MeV)

16

MAT 6392

64-Gd-141

(n,  $\alpha$ )  
Radionuclide Production Cross Section



17

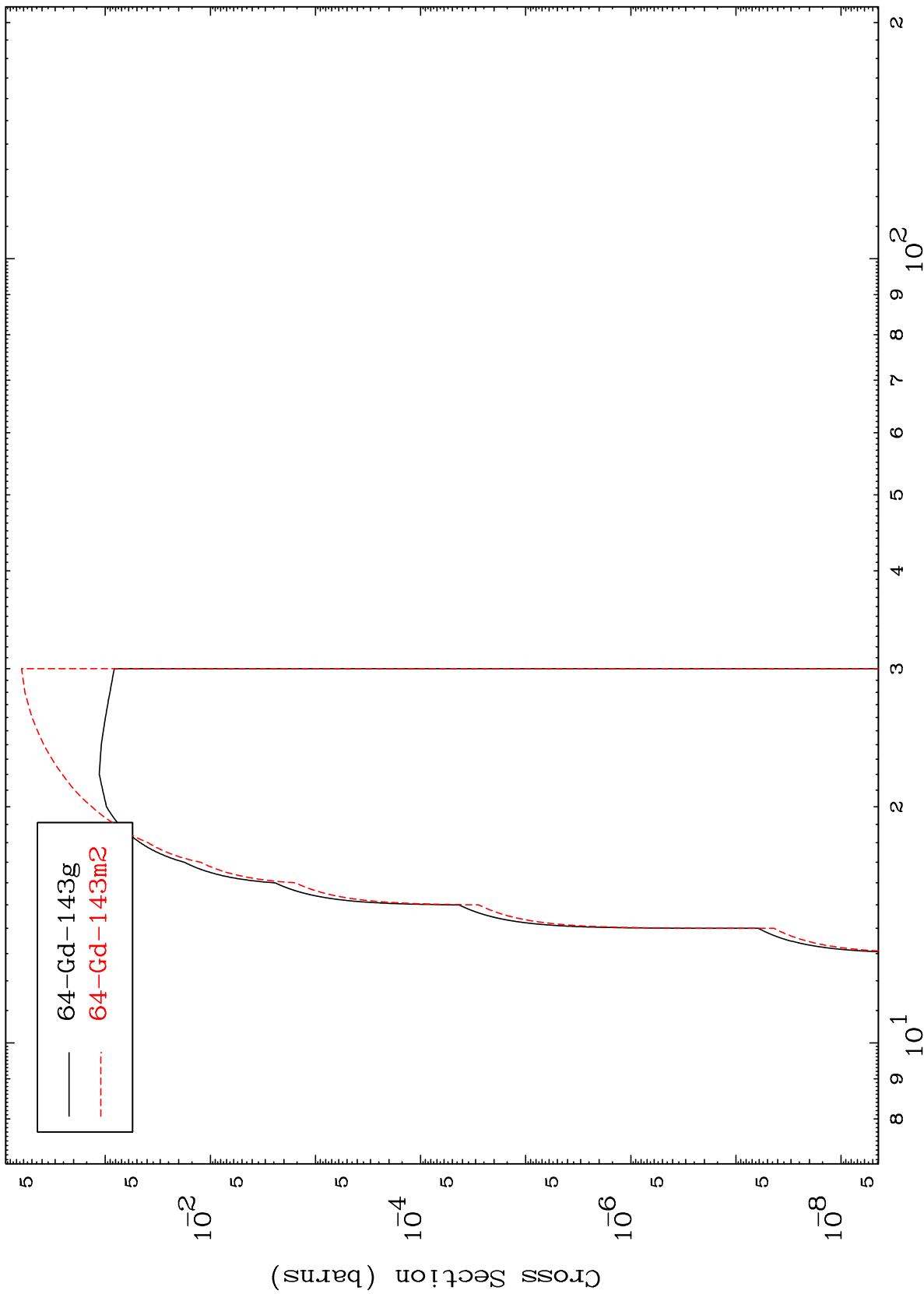
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n,2p)  
Radionuclide Production Cross Section



18

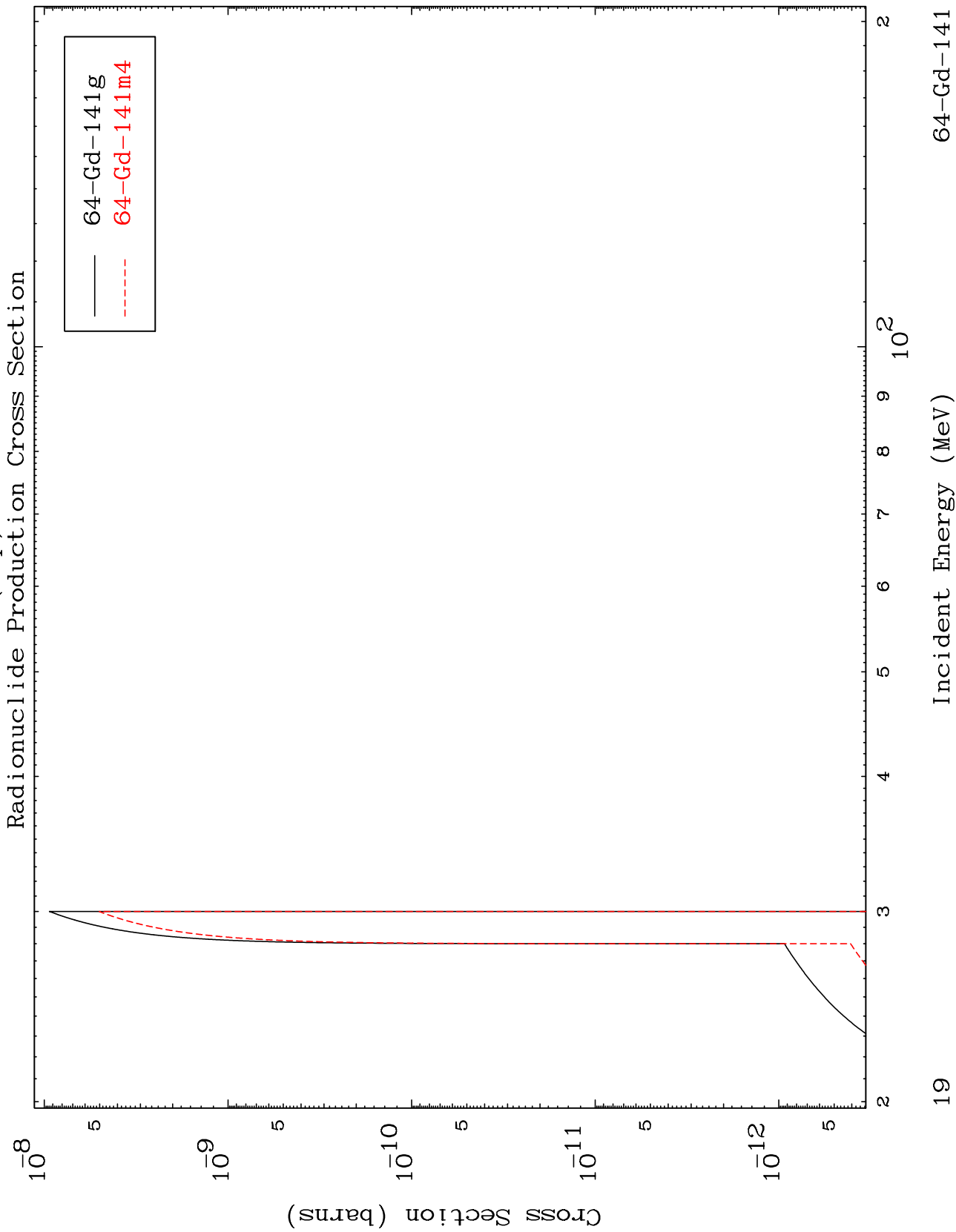
Incident Energy (MeV)

64-Gd-141

MAT 6392

(n,p) t

64-Gd-141



19

64-Gd-141