

Program EVALPLOT  
(Version 2021-1)

by

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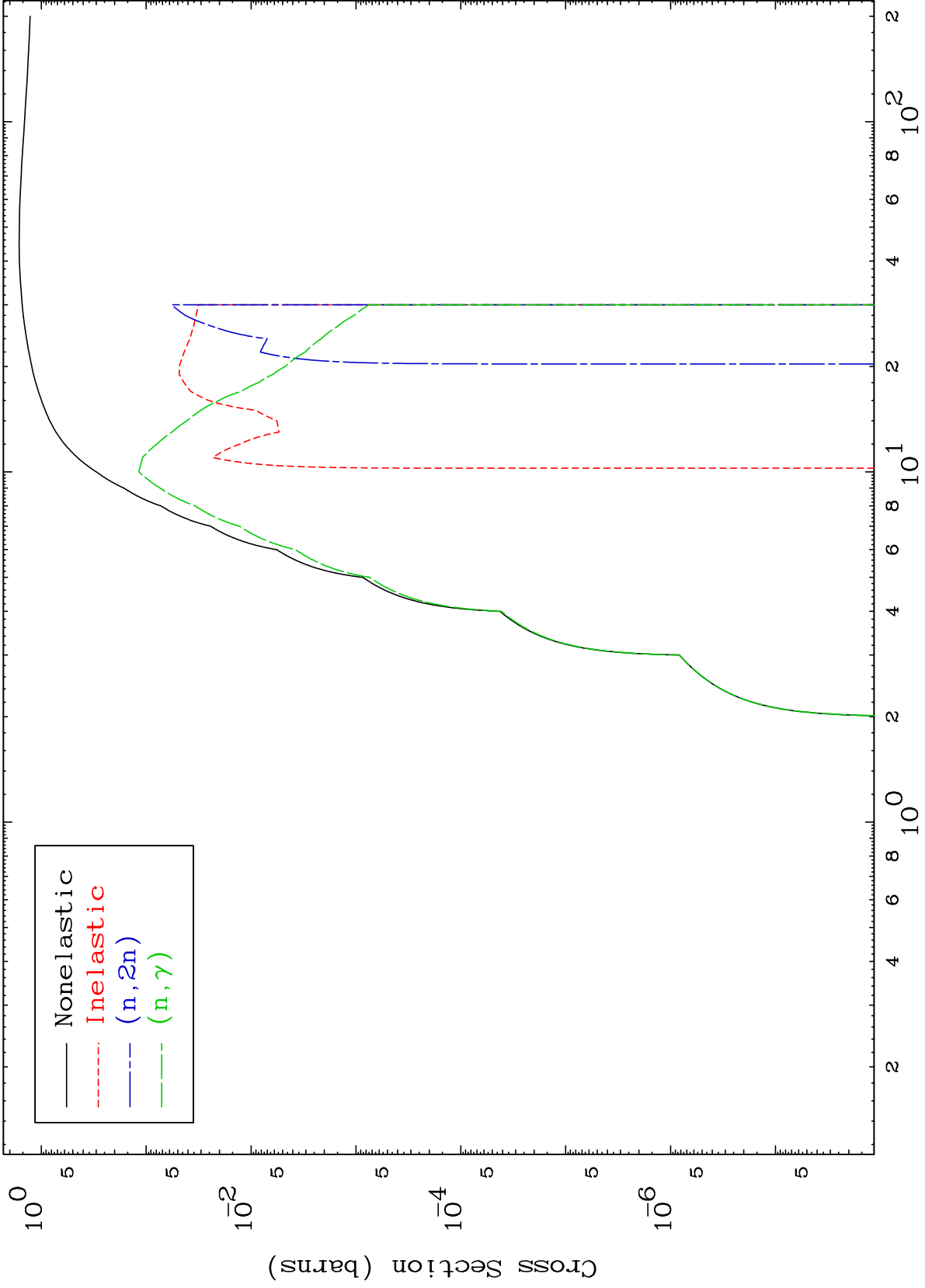
Press Mouse Button to Start

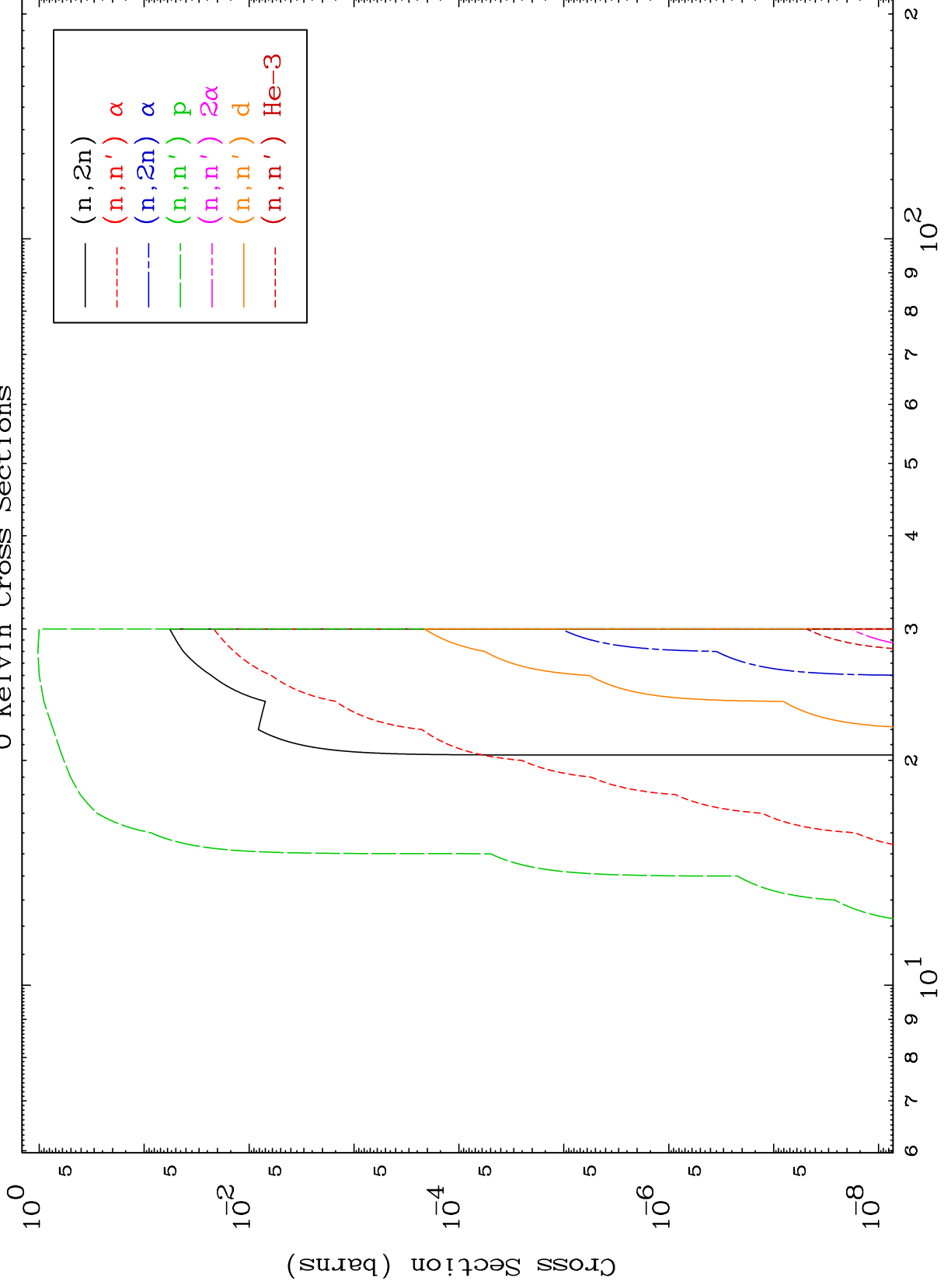
MAT 6401

Proton Major

0 Kelvin Cross Sections

64-Gd-144

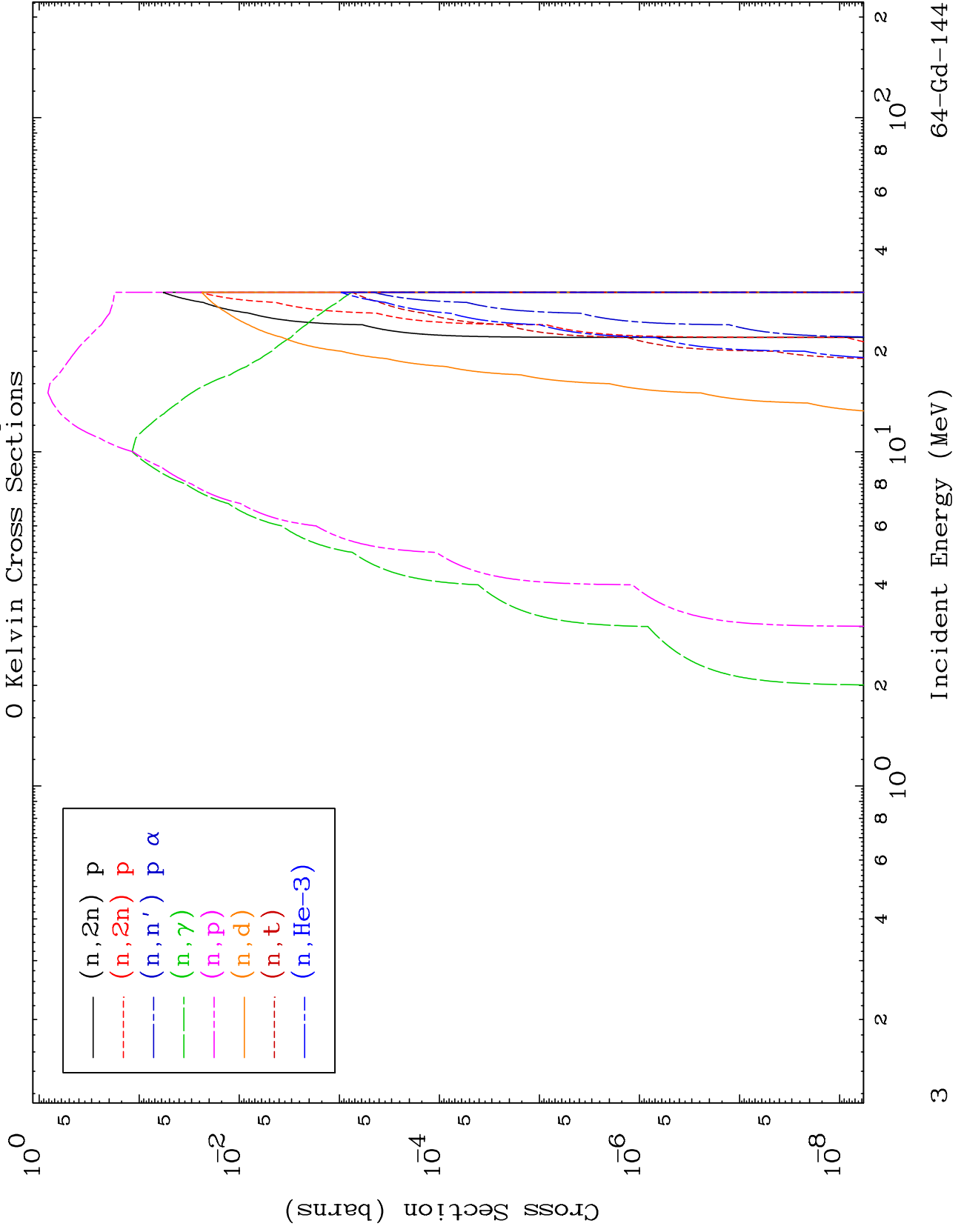




MAT 6401

Proton Neutron Absorption  
0 Kelvin Cross Sections

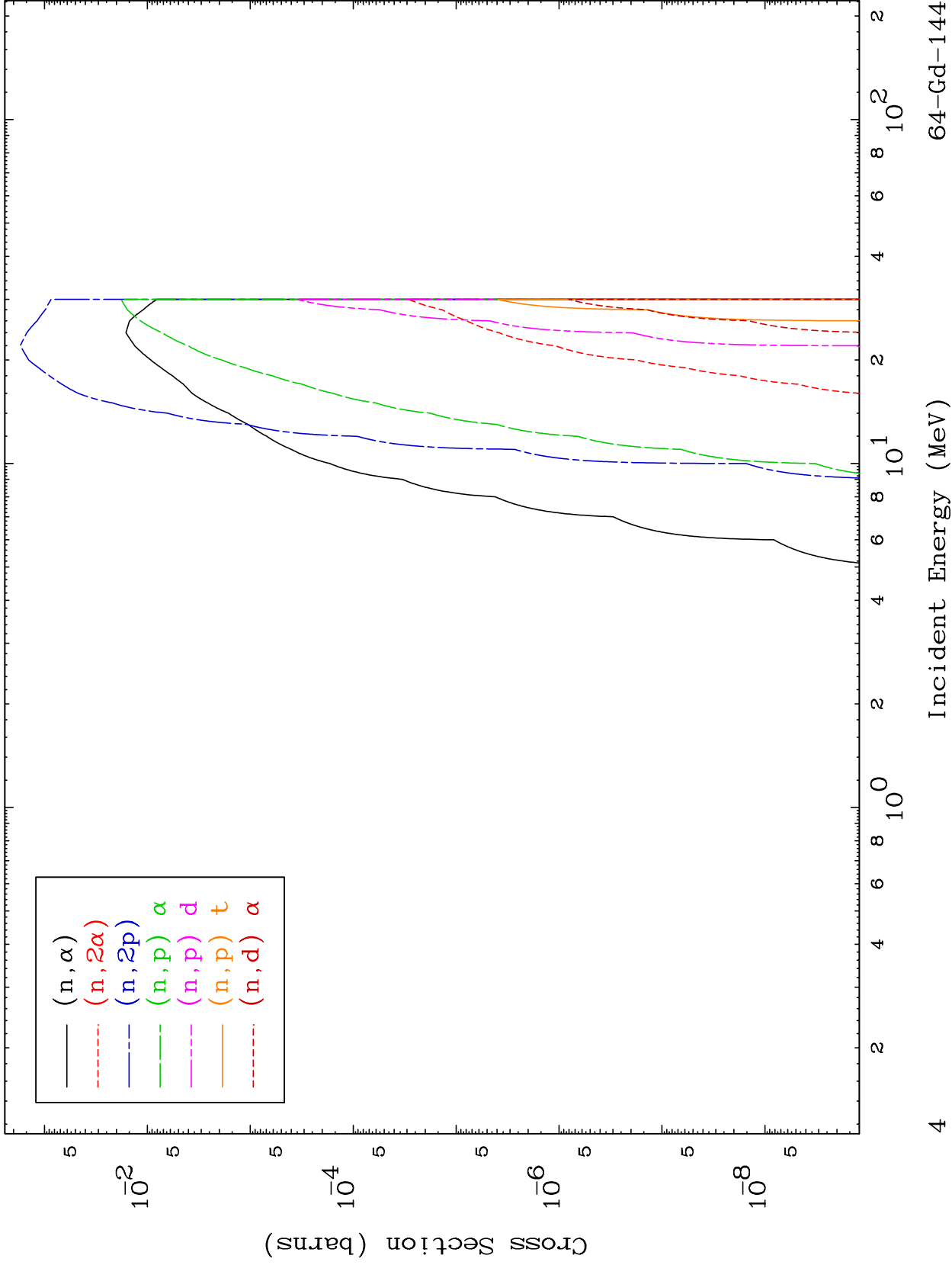
64-Gd-144



MAT 6401

Proton Neutron Absorption  
0 Kelvin Cross Sections

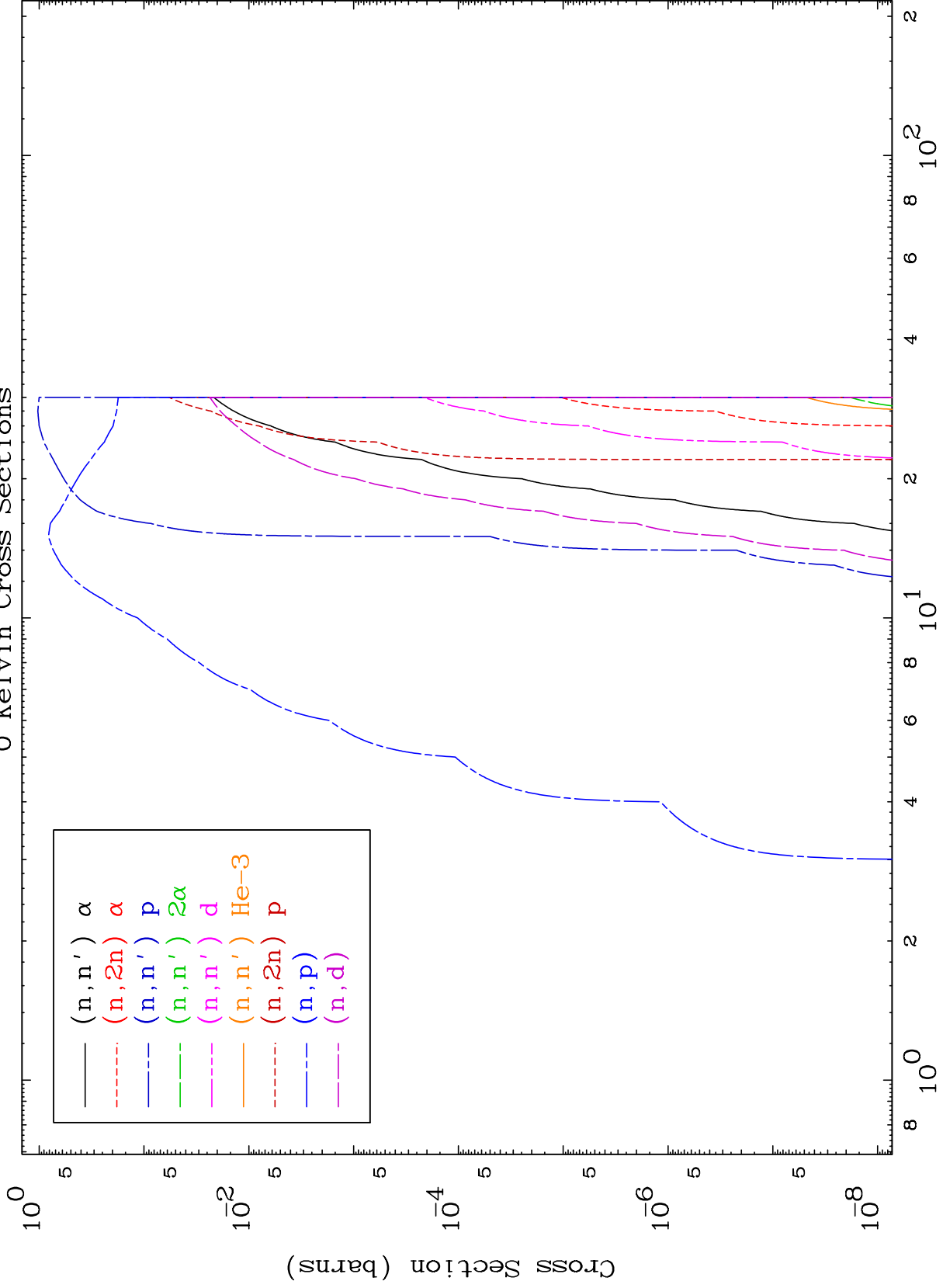
64-Gd-144



MAT 6401

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-144



5

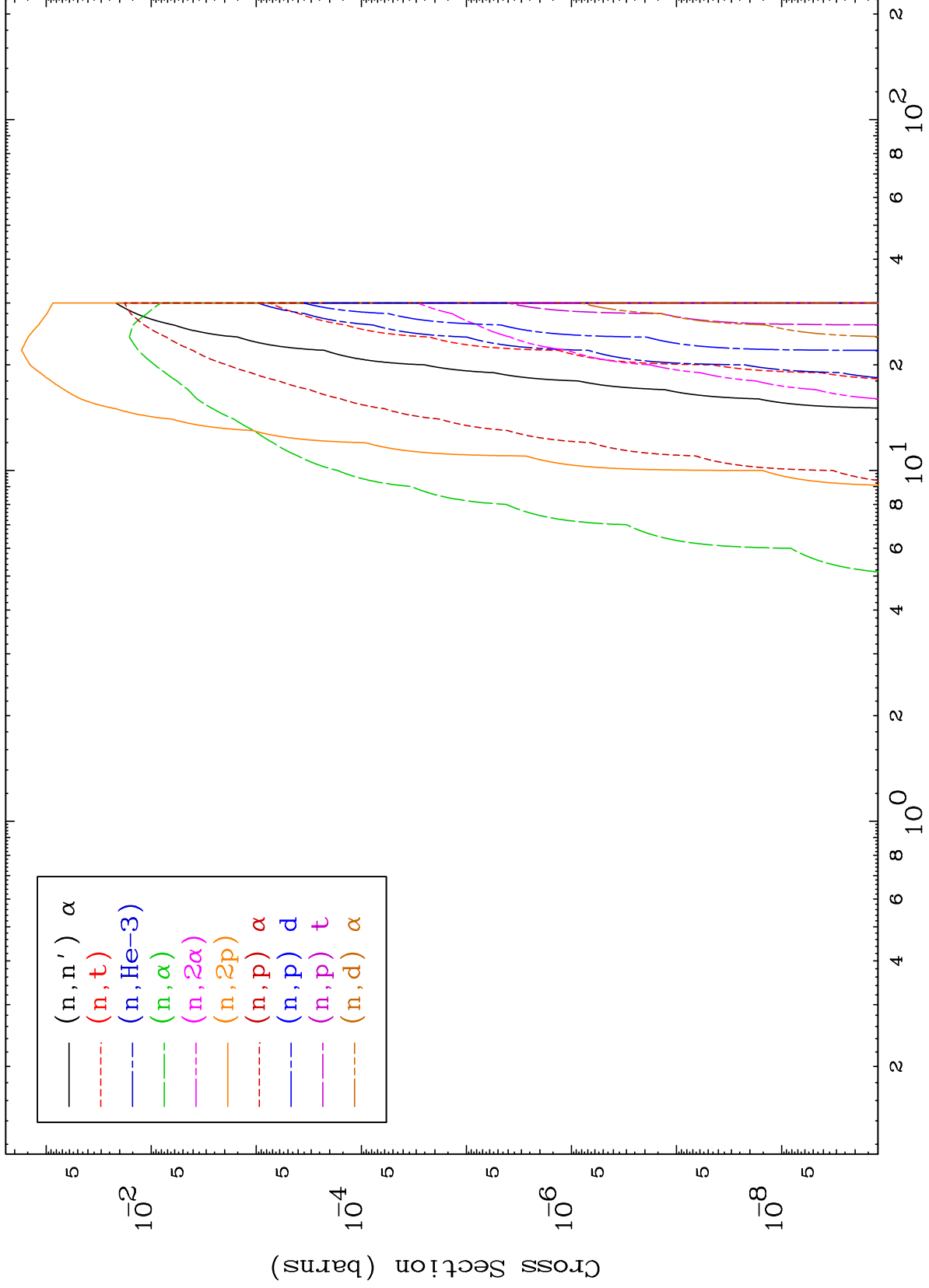
Incident Energy (MeV)

64-Gd-144

MAT 6401

Proton Charged Particle  
0 Kelvin Cross Sections

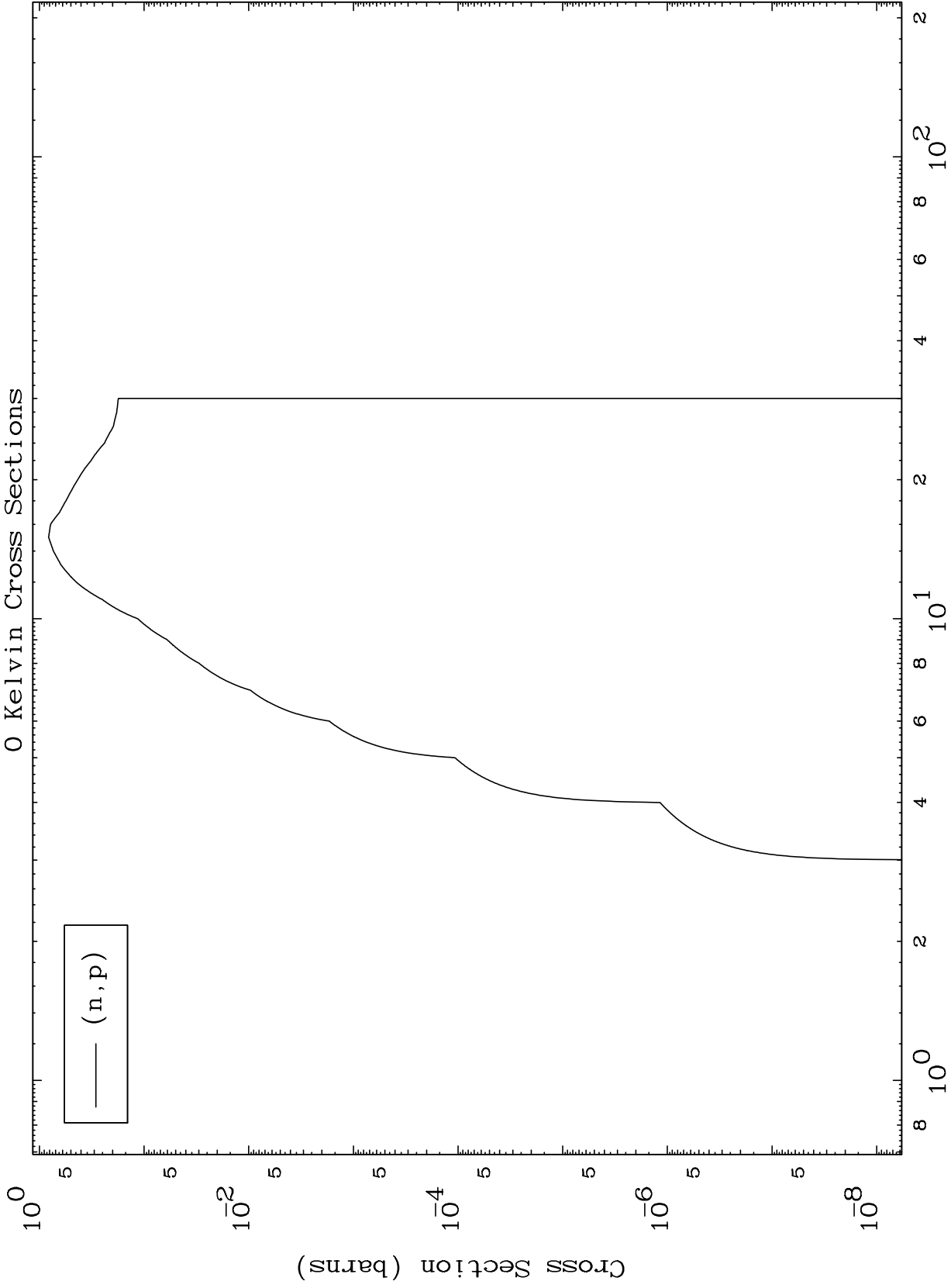
64-Gd-144



MAT 6401

64-Gd-144

(p,p) Levels  
0 Kelvin Cross Sections



(n,p)

64-Gd-144

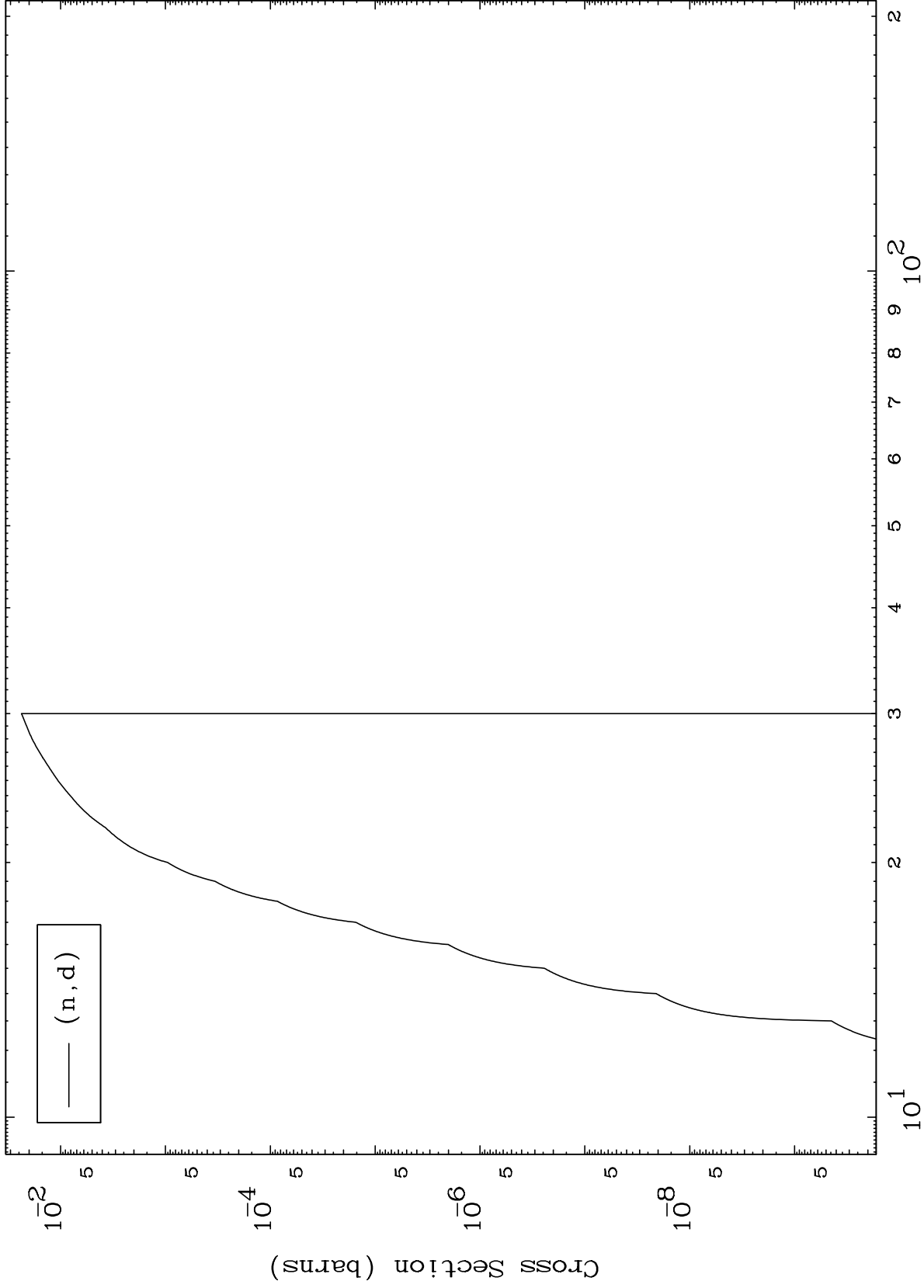
Incident Energy (MeV)

7

MAT 6401

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-144



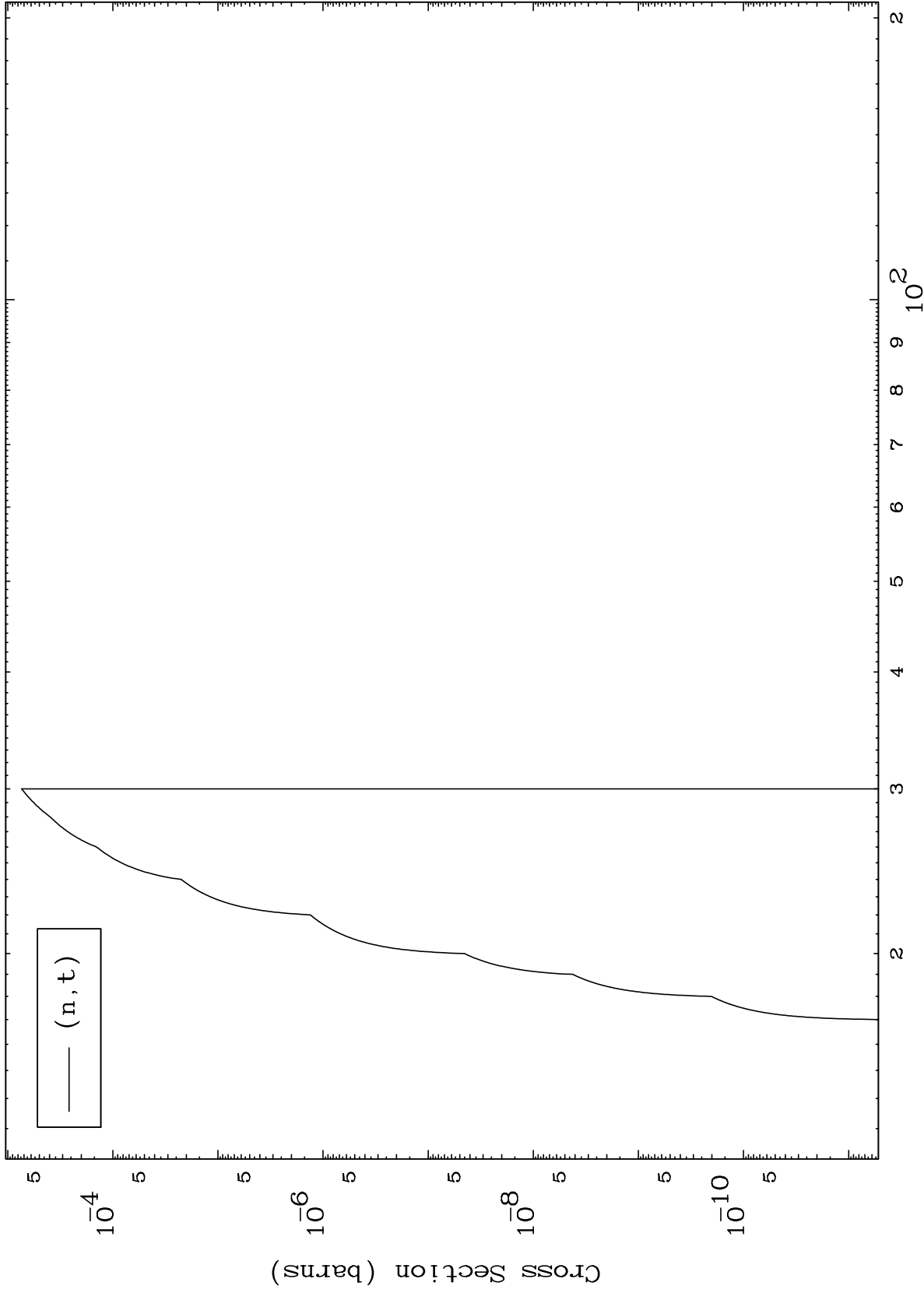
Incident Energy (MeV)

64-Gd-144

MAT 6401

(p, t) Levels  
0 Kelvin Cross Sections

64-Gd-144



9

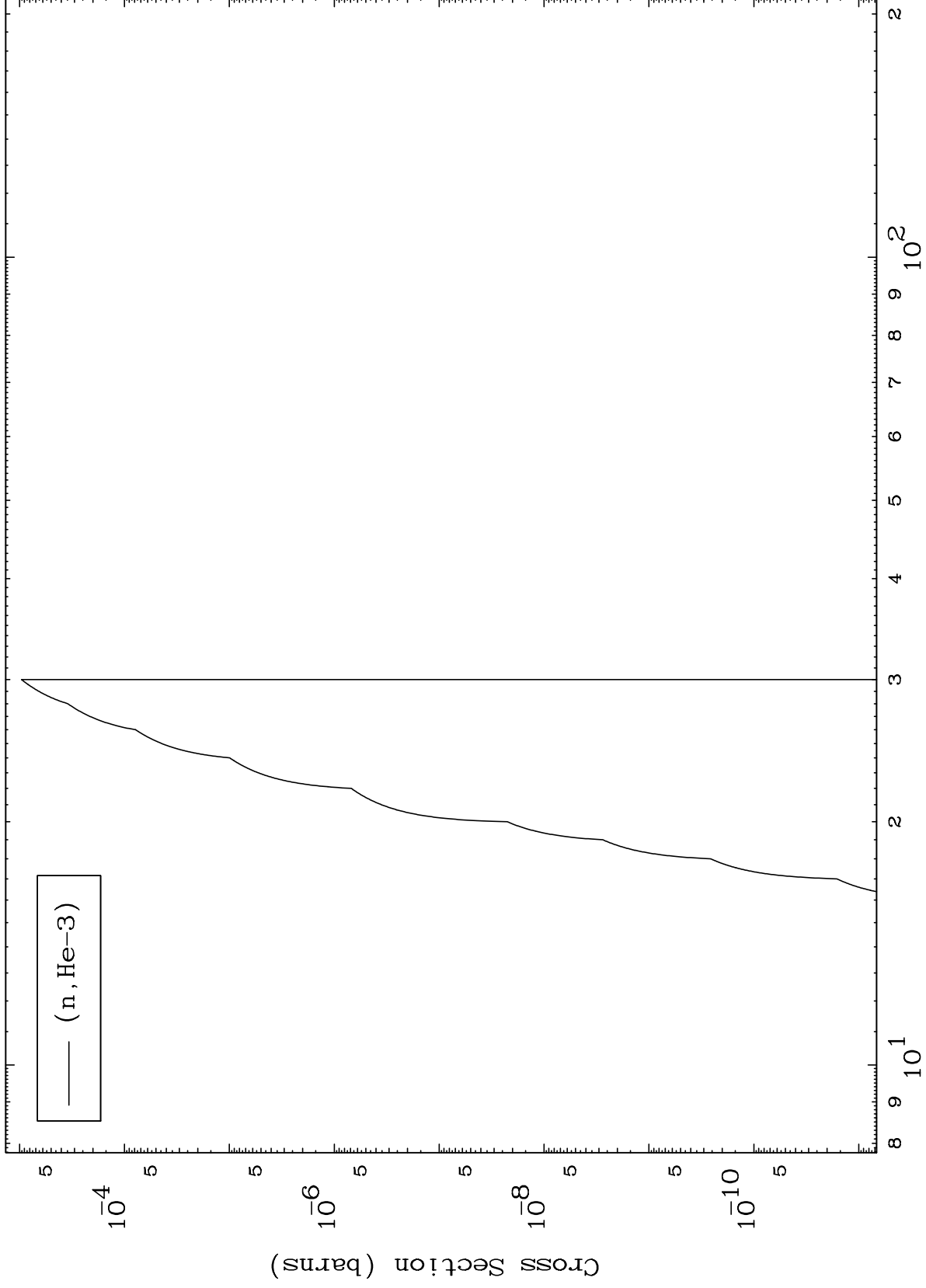
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

(p,He3) Levels  
0 Kelvin Cross Sections



64-Gd-144

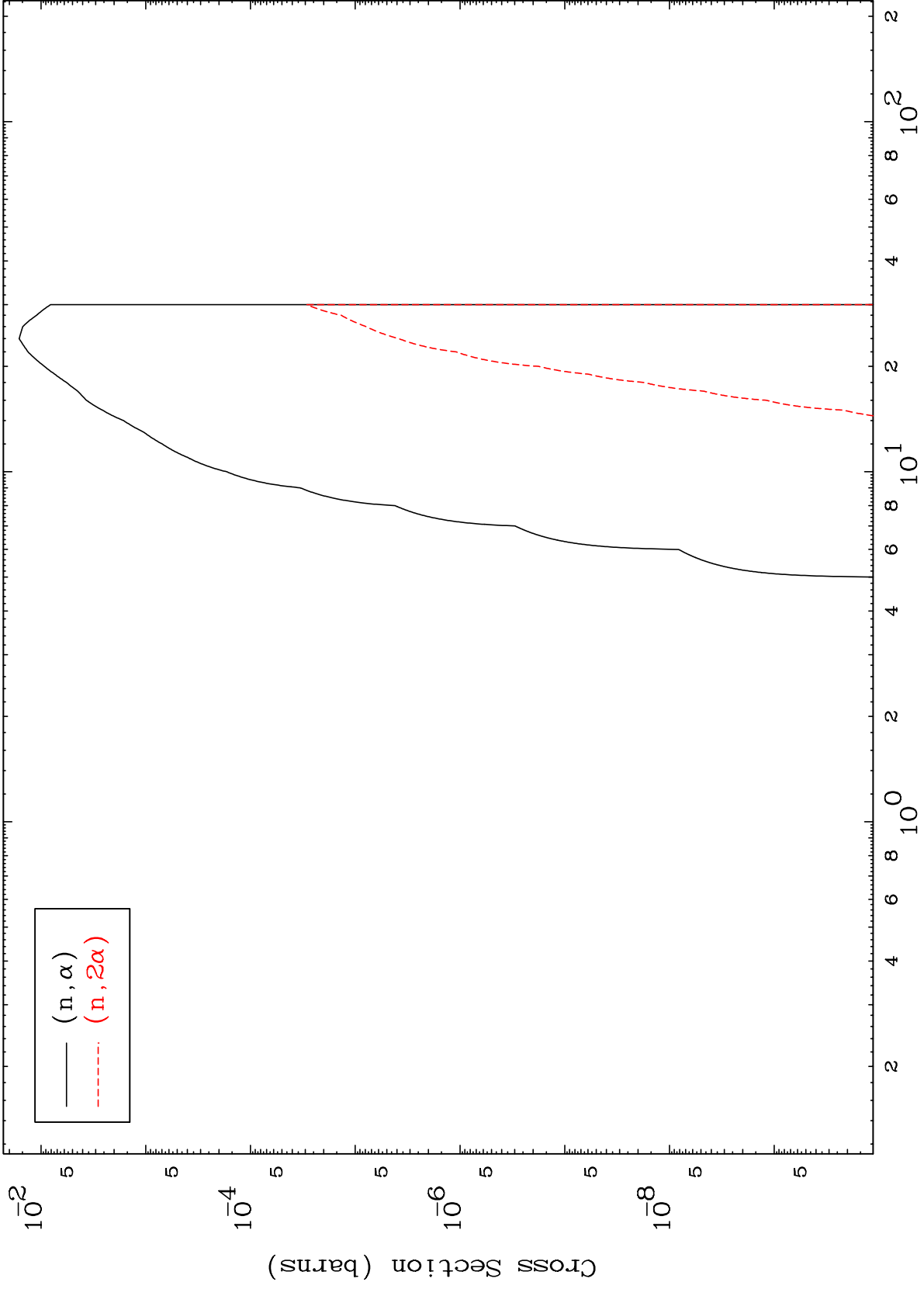
Incident Energy (MeV)

10

MAT 6401

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

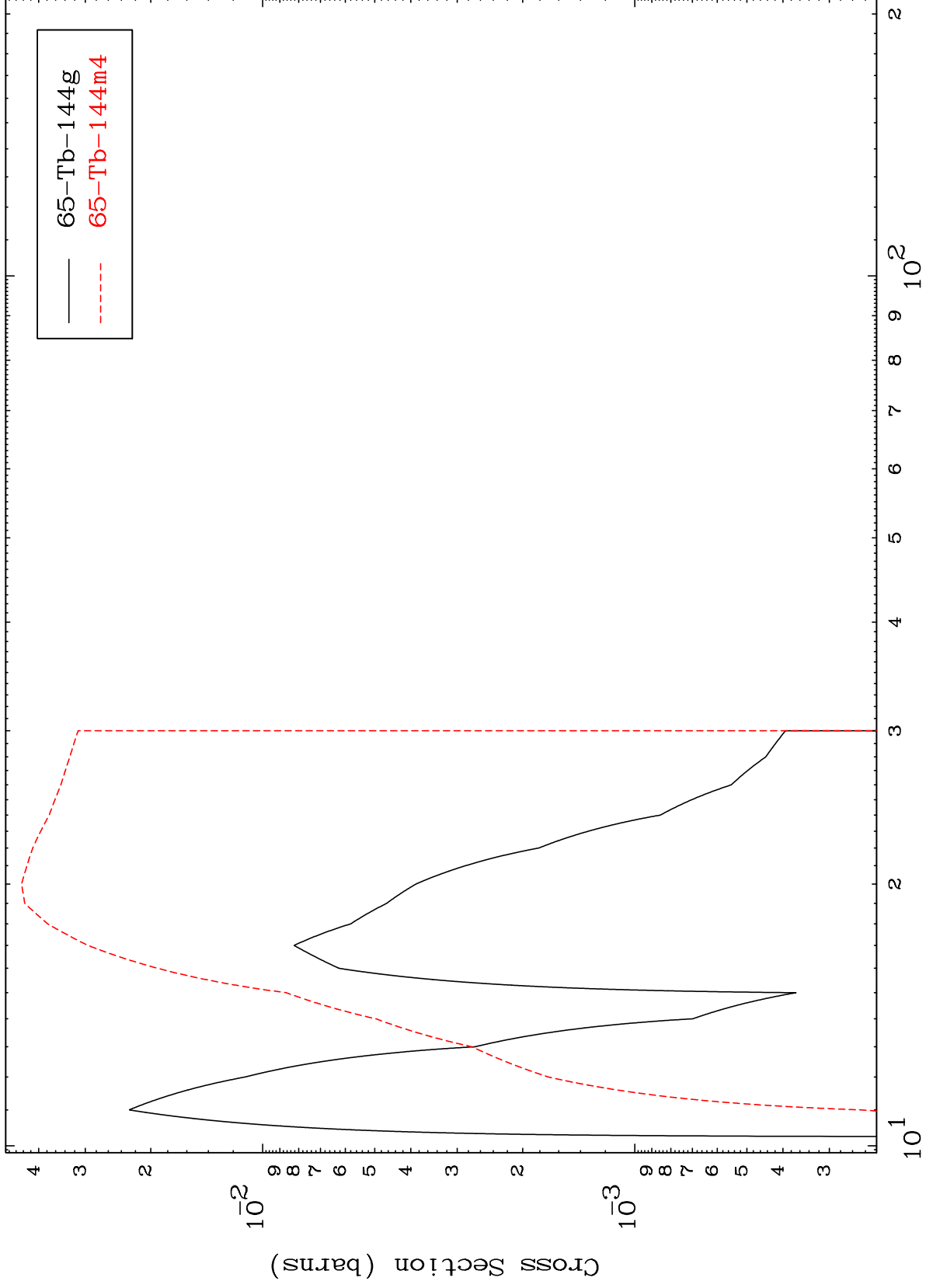
64-Gd-144



MAT 6401

64-Gd-144

Inelastic  
Radionuclide Production Cross Section



64-Gd-144

Incident Energy (MeV)

10<sup>1</sup>

10<sup>2</sup>

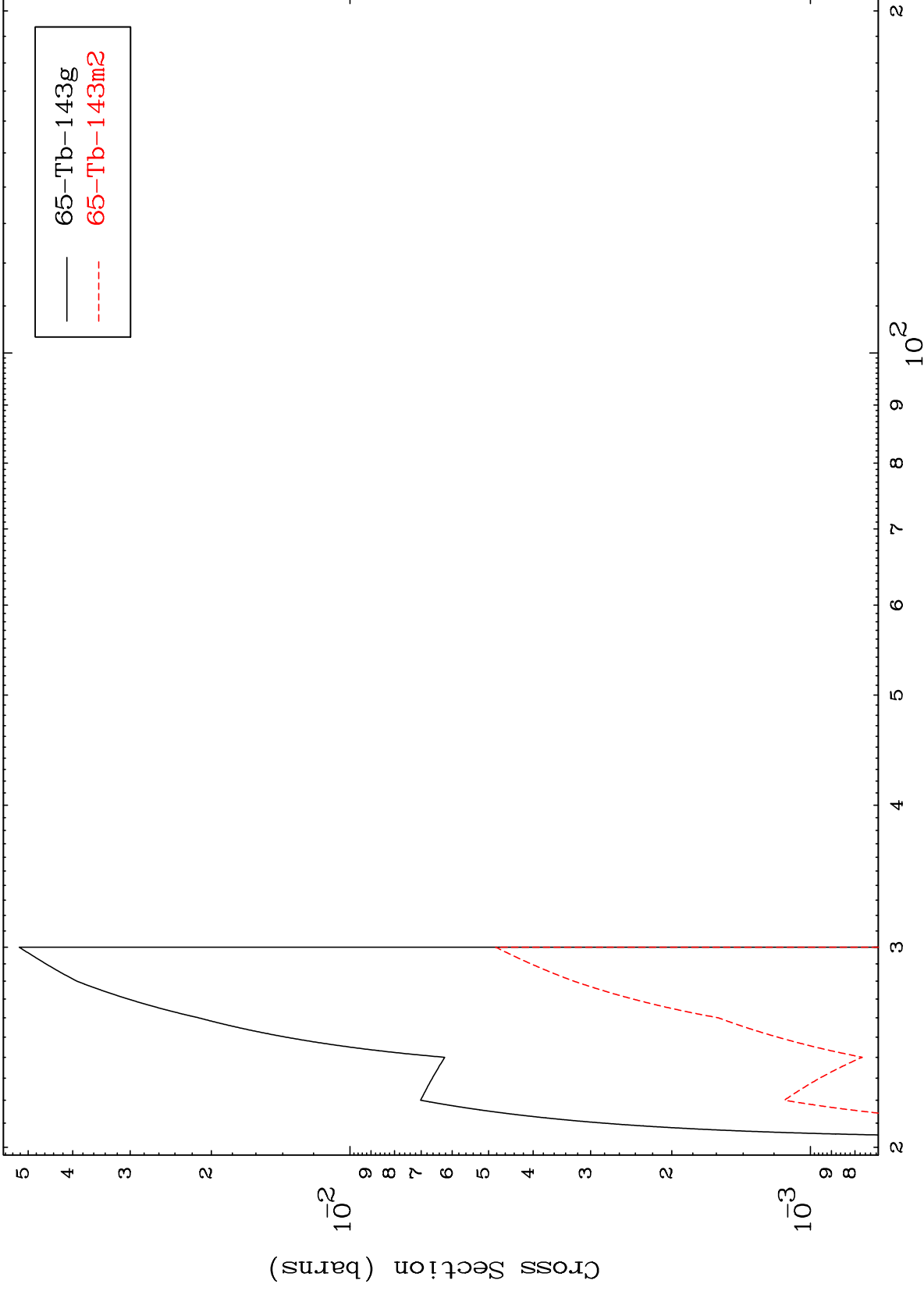
2

MAT 6401

(n,2n)

64-Gd-144

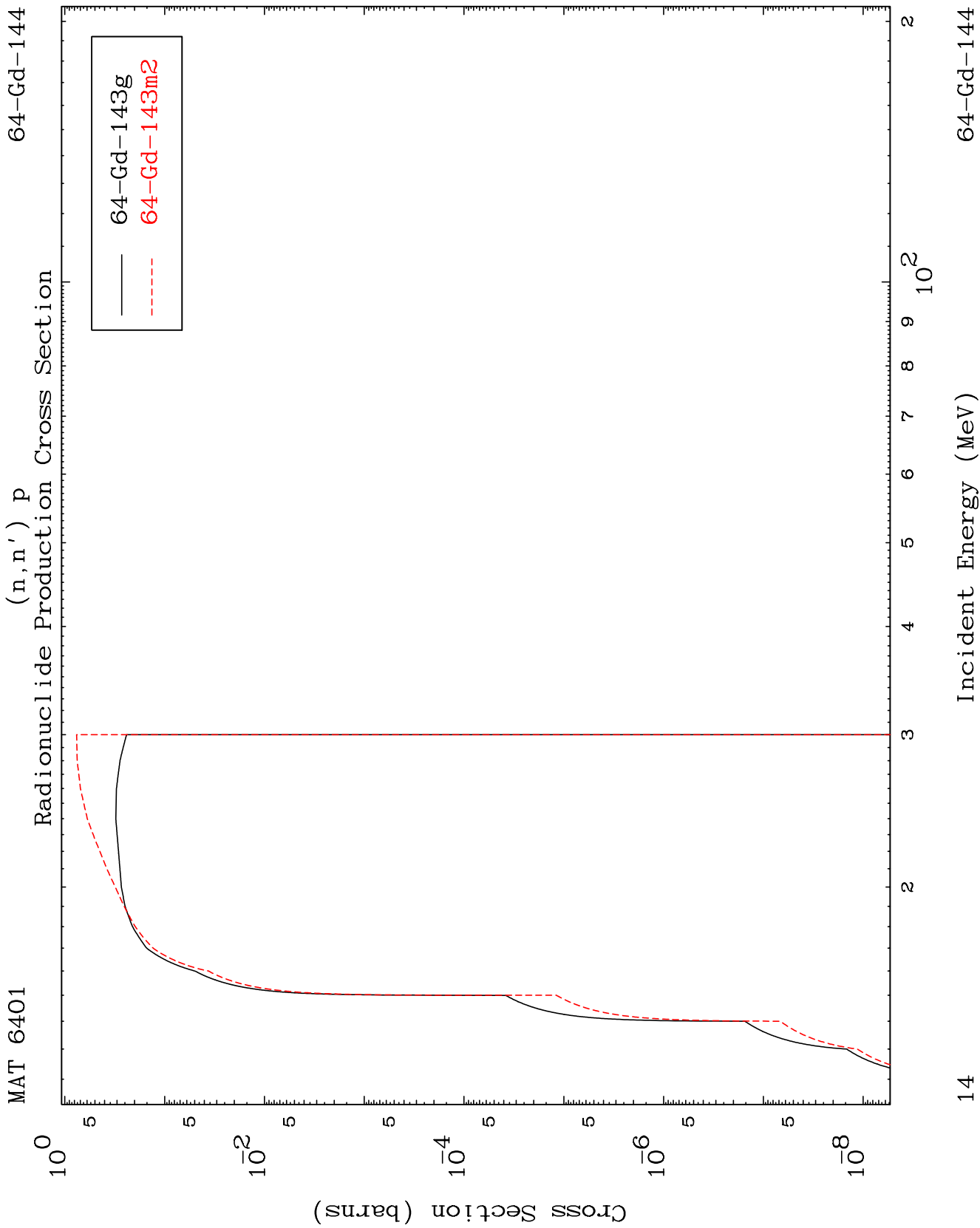
Radionuclide Production Cross Section



13

Incident Energy (MeV)

64-Gd-144

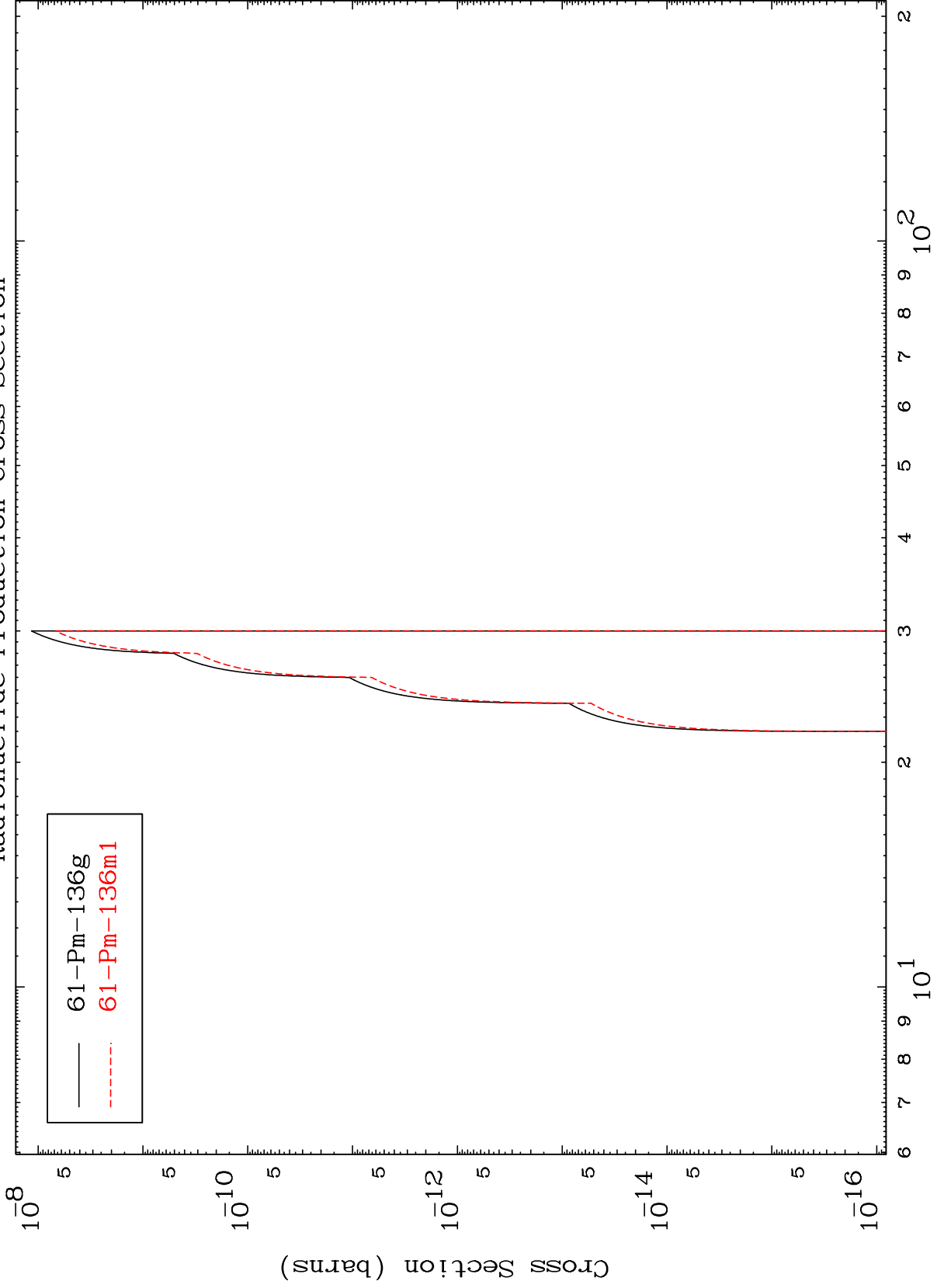


MAT 6401

(n,n') 2 $\alpha$

64-Gd-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

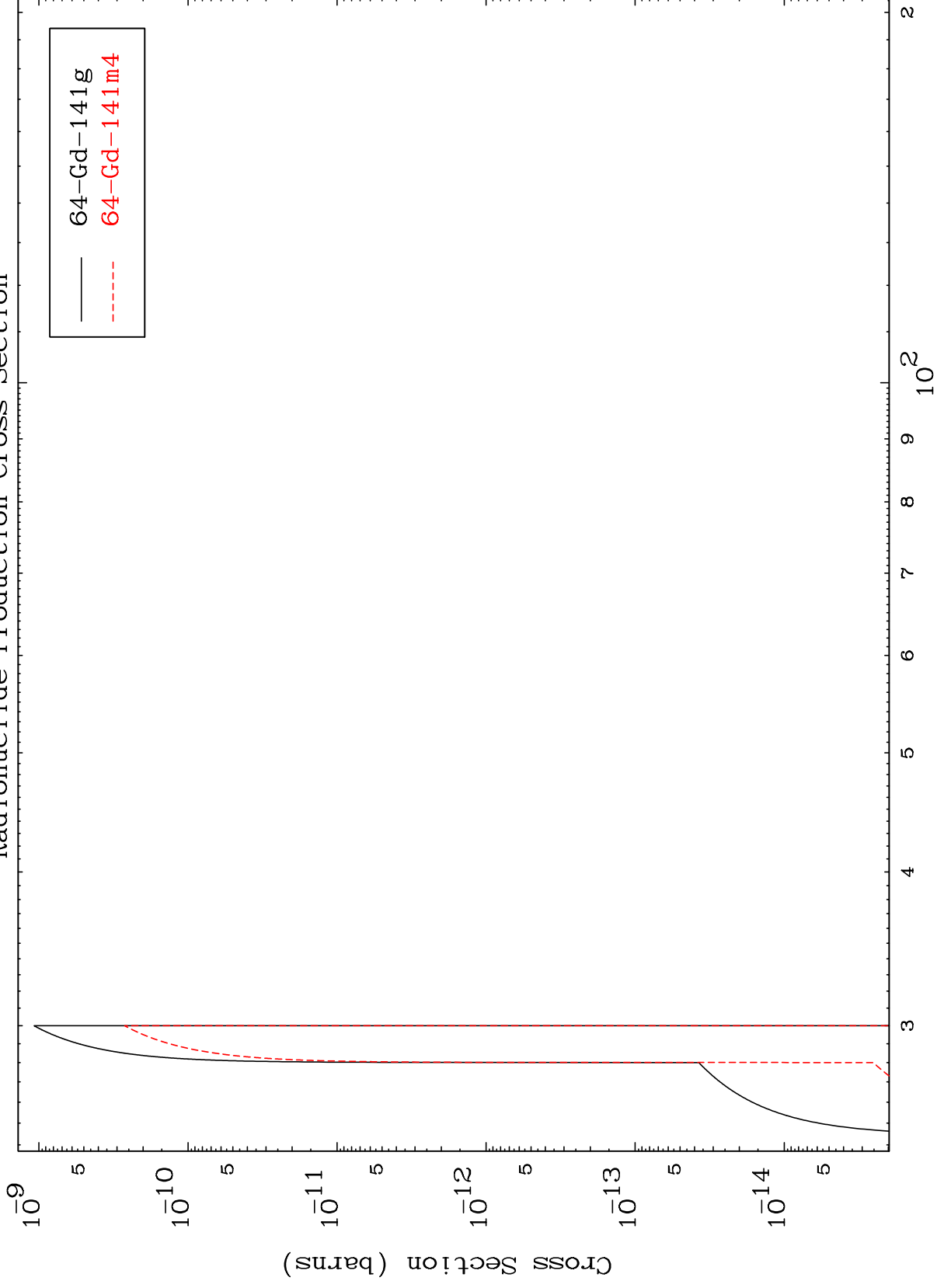
64-Gd-144

MAT 6401

(n,n') t

64-Gd-144

Radionuclide Production Cross Section

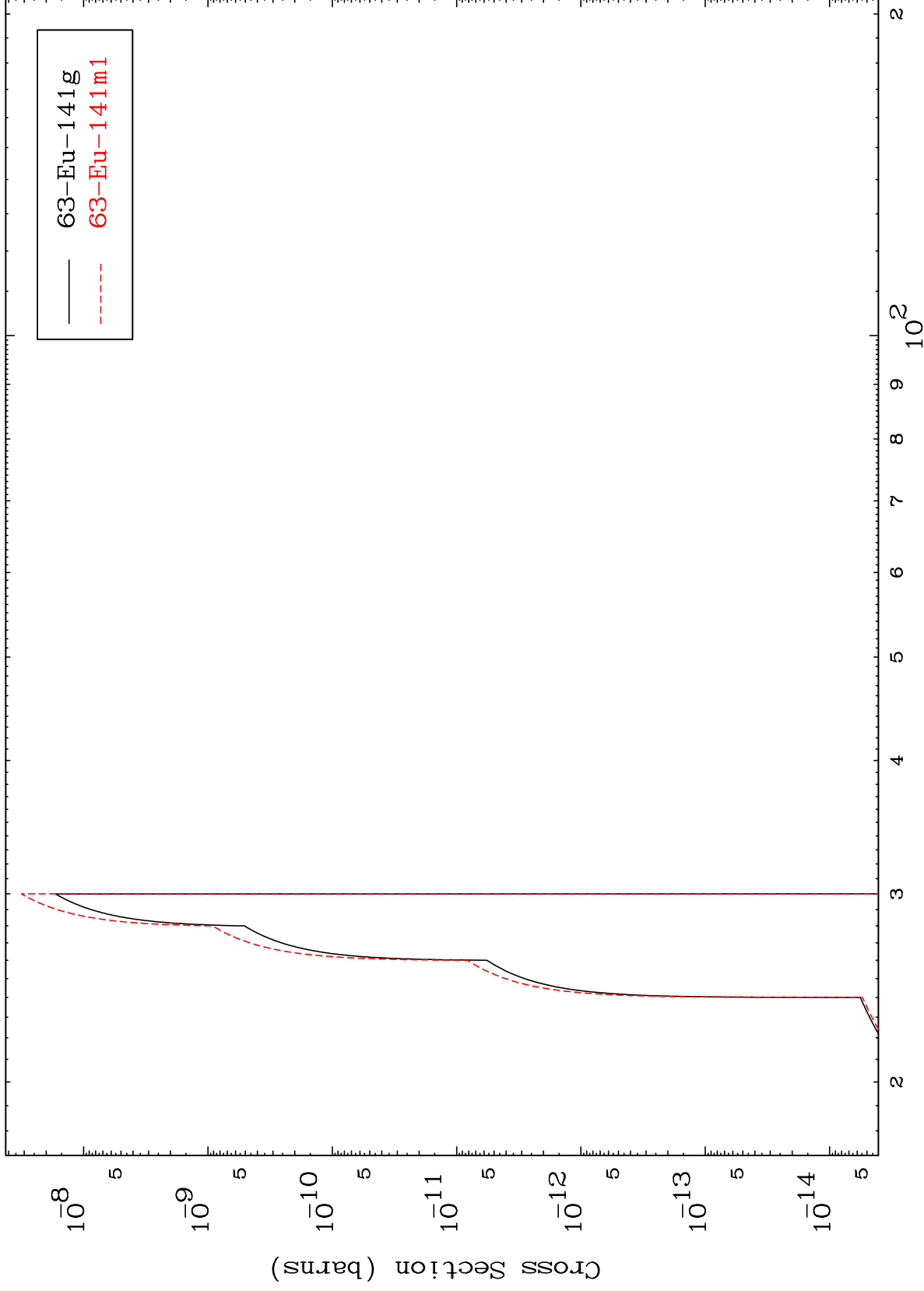


16

Incident Energy (MeV)

64-Gd-144

Radionuclide Production Cross Section

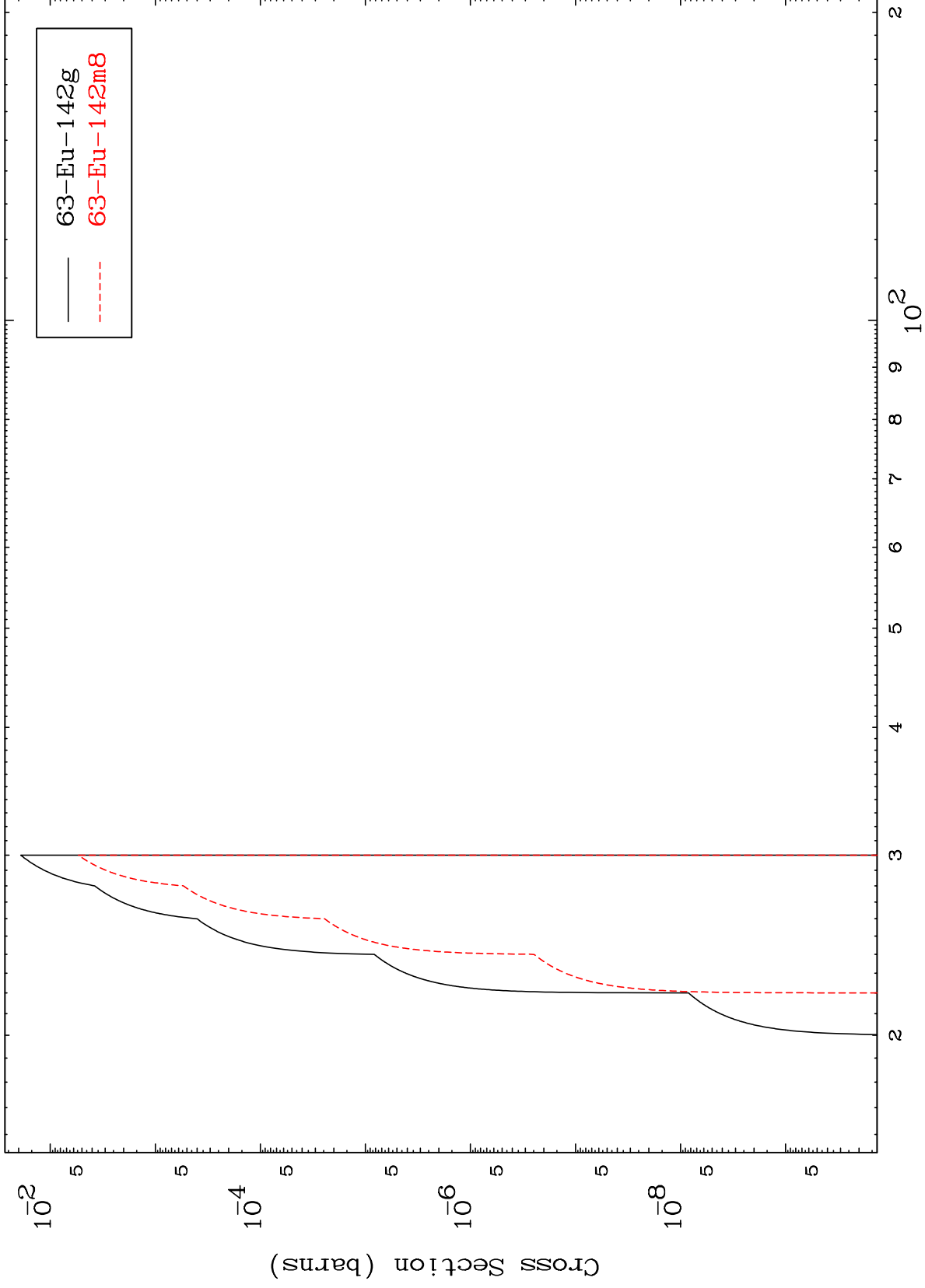


MAT 6401

(n,2n) p

64-Gd-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

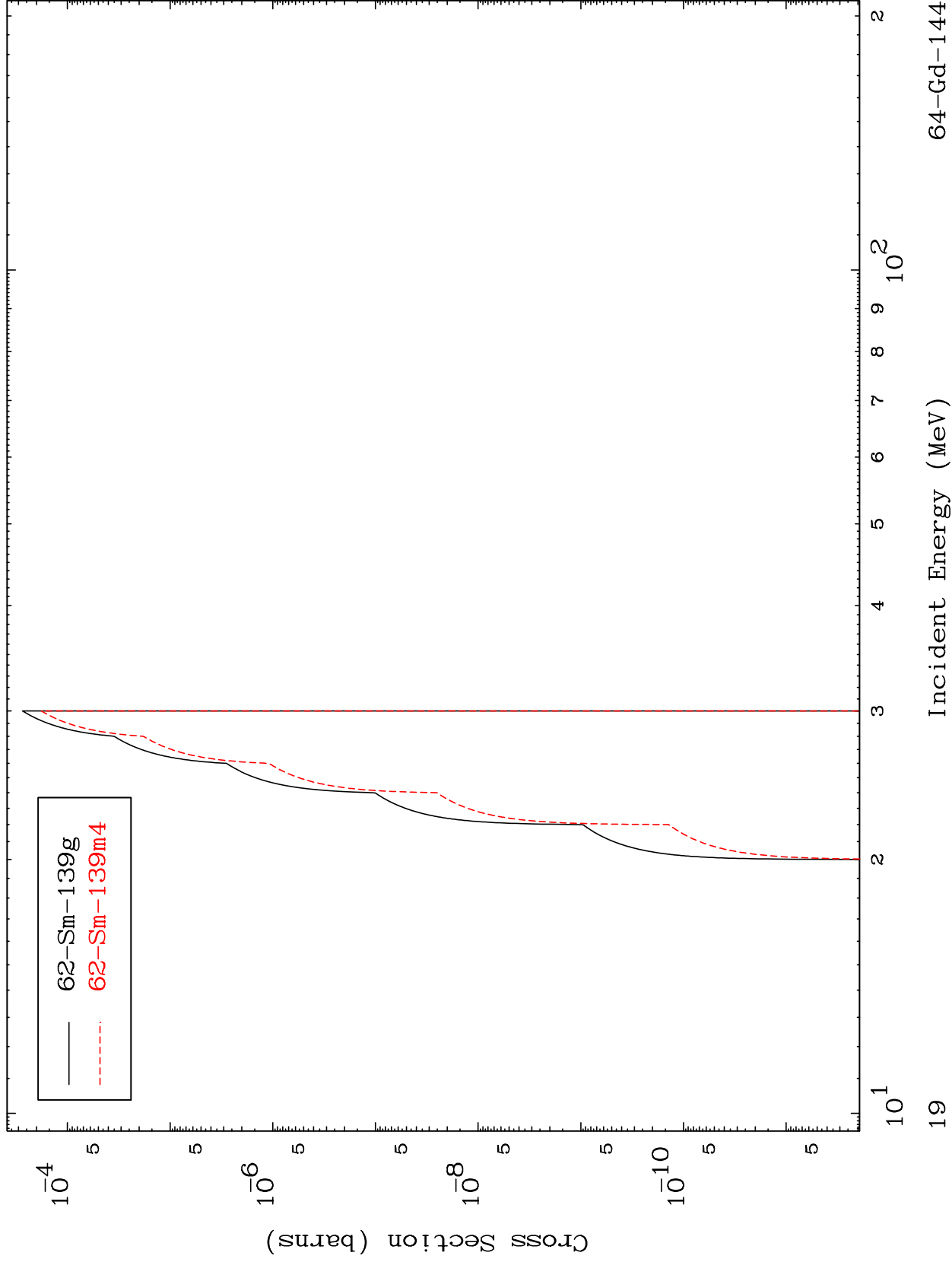
64-Gd-144

MAT 6401

(n,n') p  $\alpha$

64-Gd-144

Radionuclide Production Cross Section

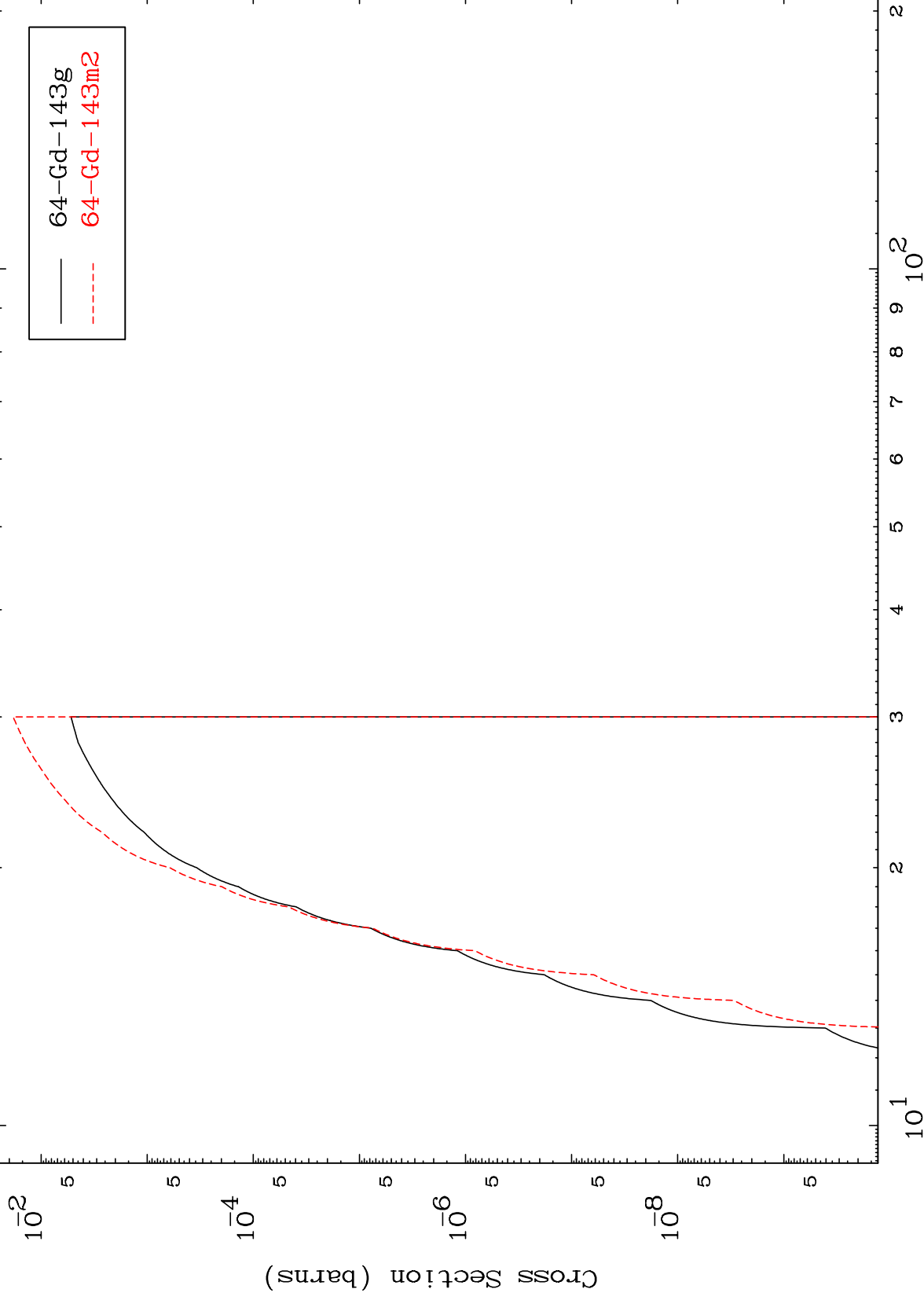


MAT 6401

(n,d)

64-Gd-144

Radionuclide Production Cross Section



Incident Energy (MeV)

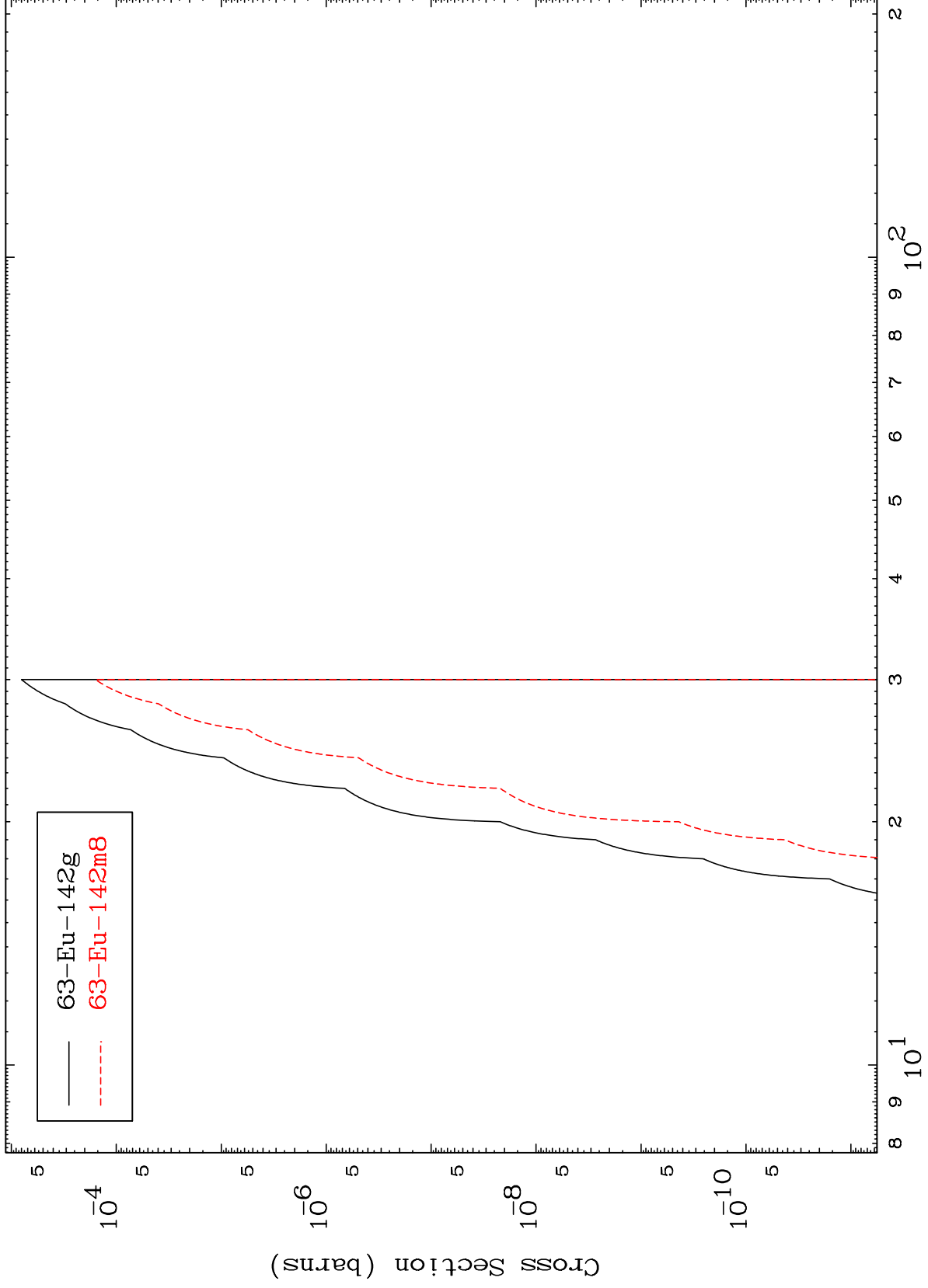
64-Gd-144

MAT 6401

(n,He-3)

64-Gd-144

Radionuclide Production Cross Section



21

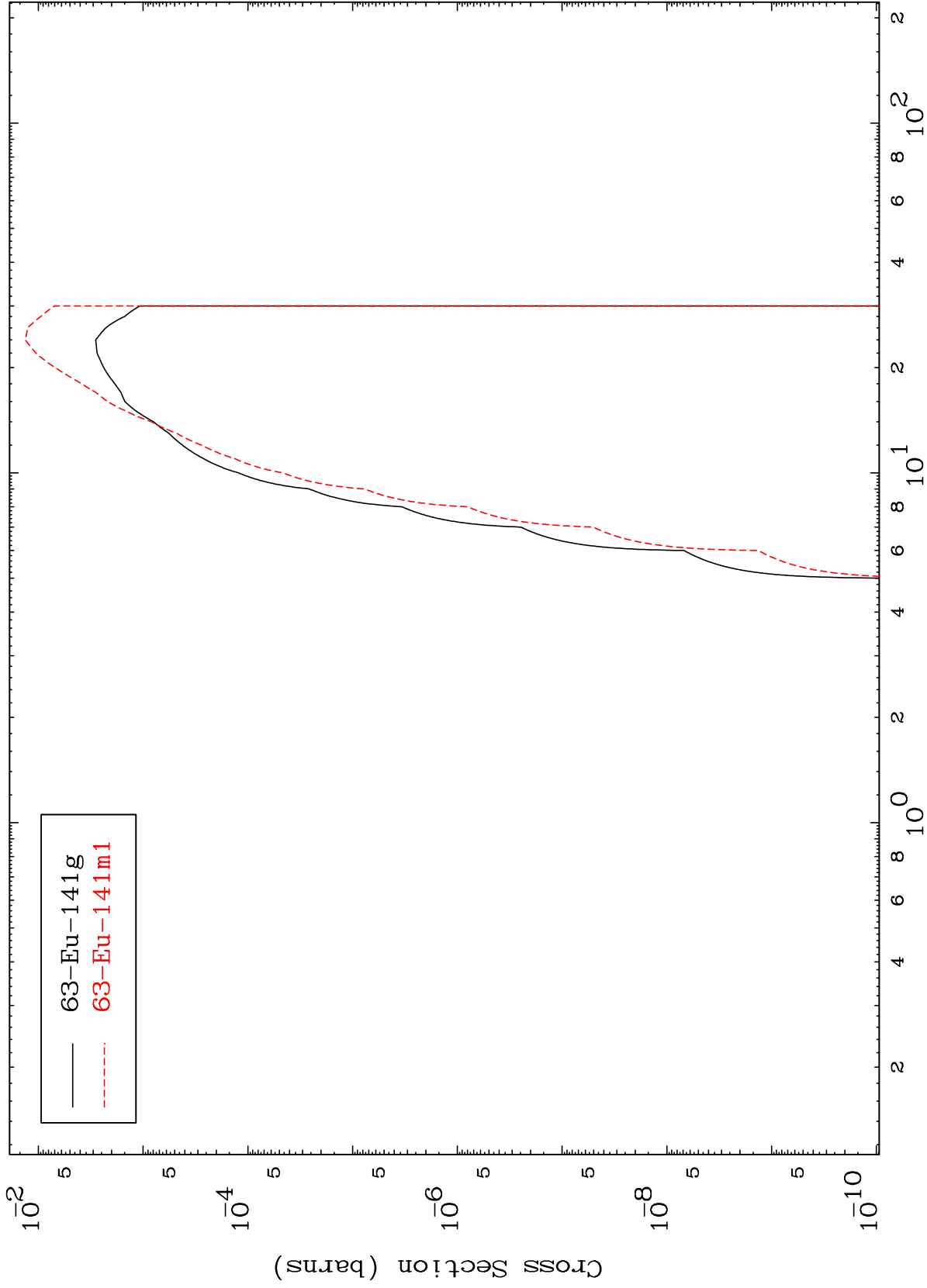
Incident Energy (MeV)

64-Gd-144

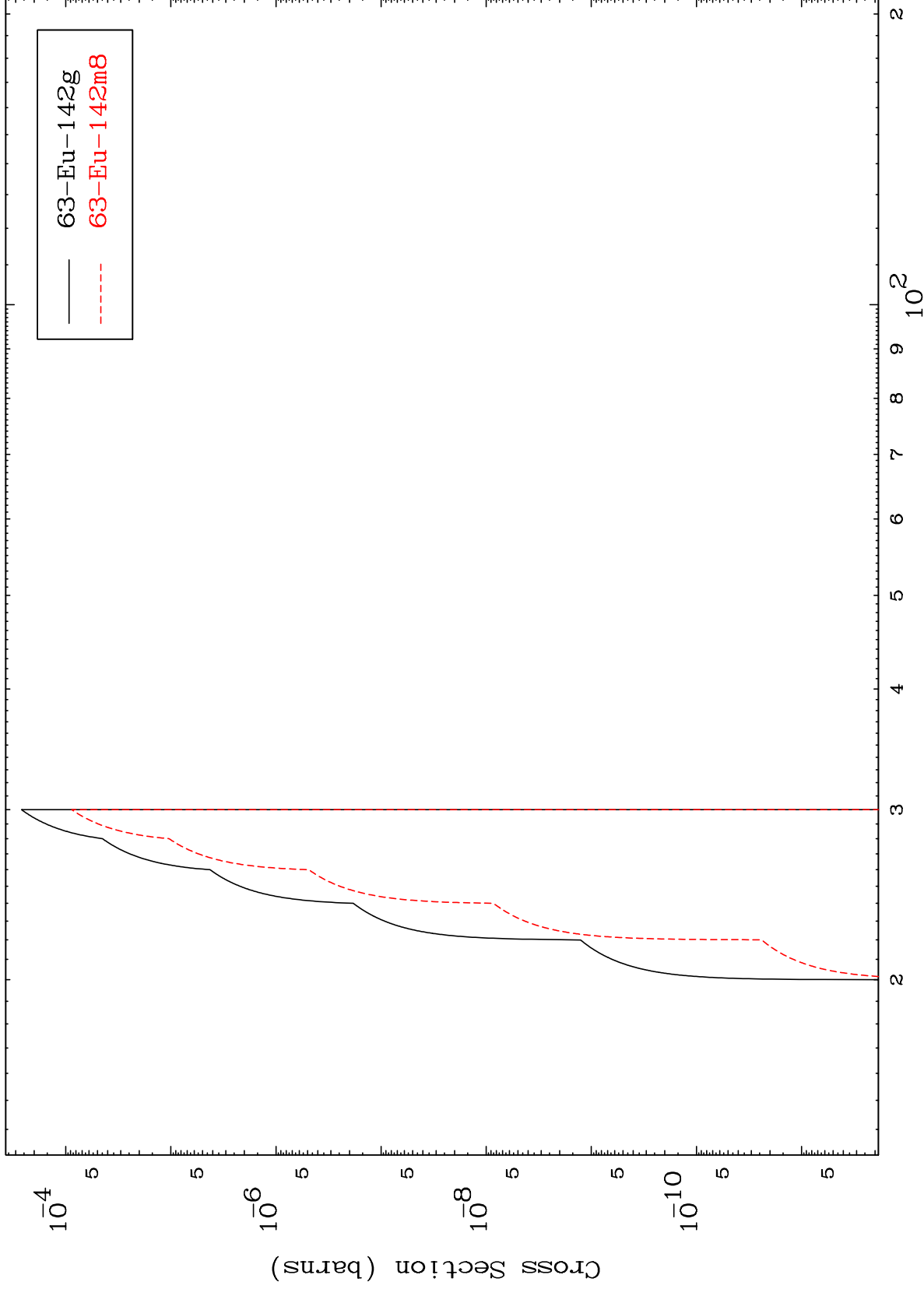
MAT 6401

64-Gd-144

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



Radionuclide Production Cross Section

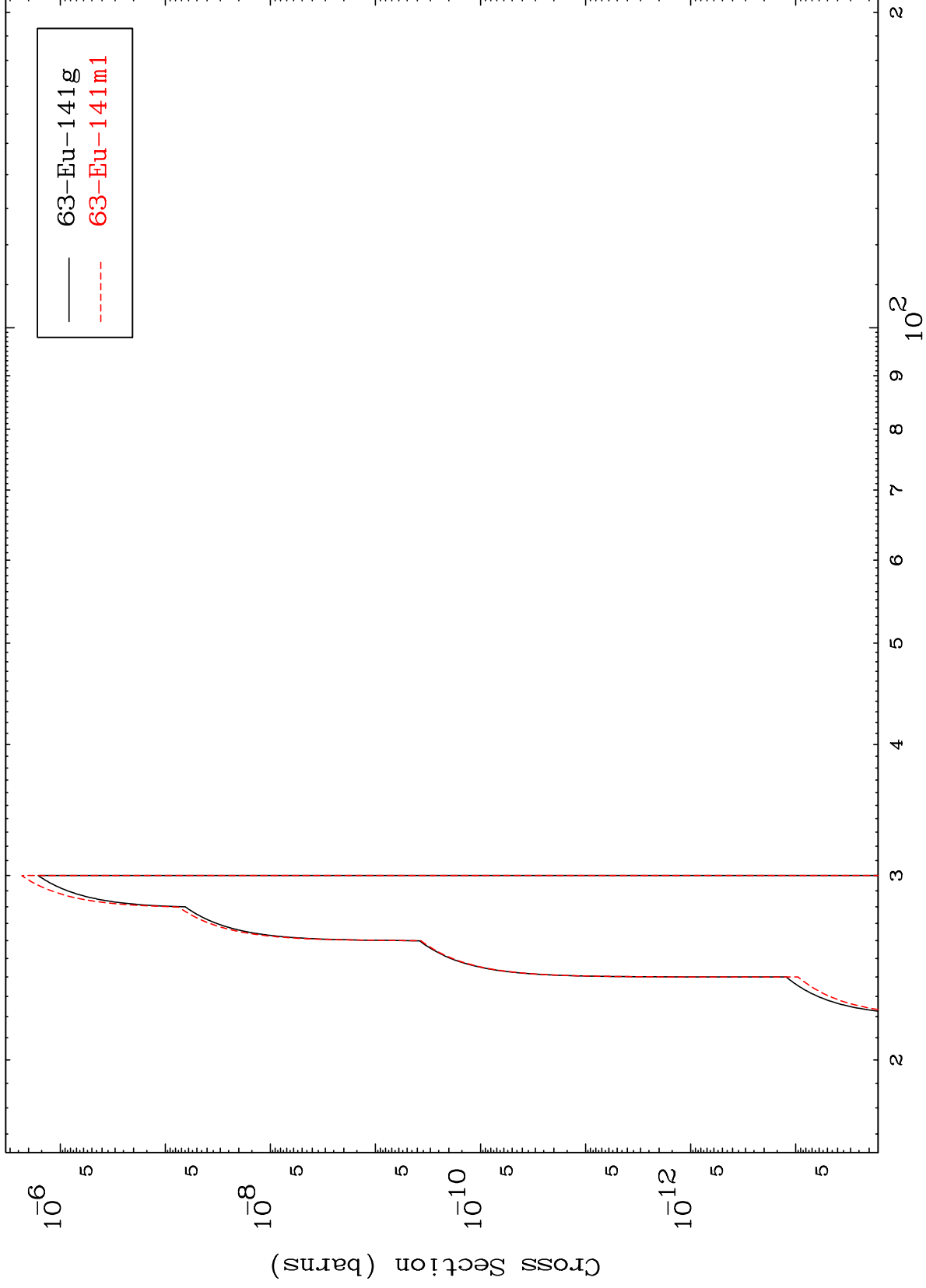


MAT 6401

(n,p) t

64-Gd-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

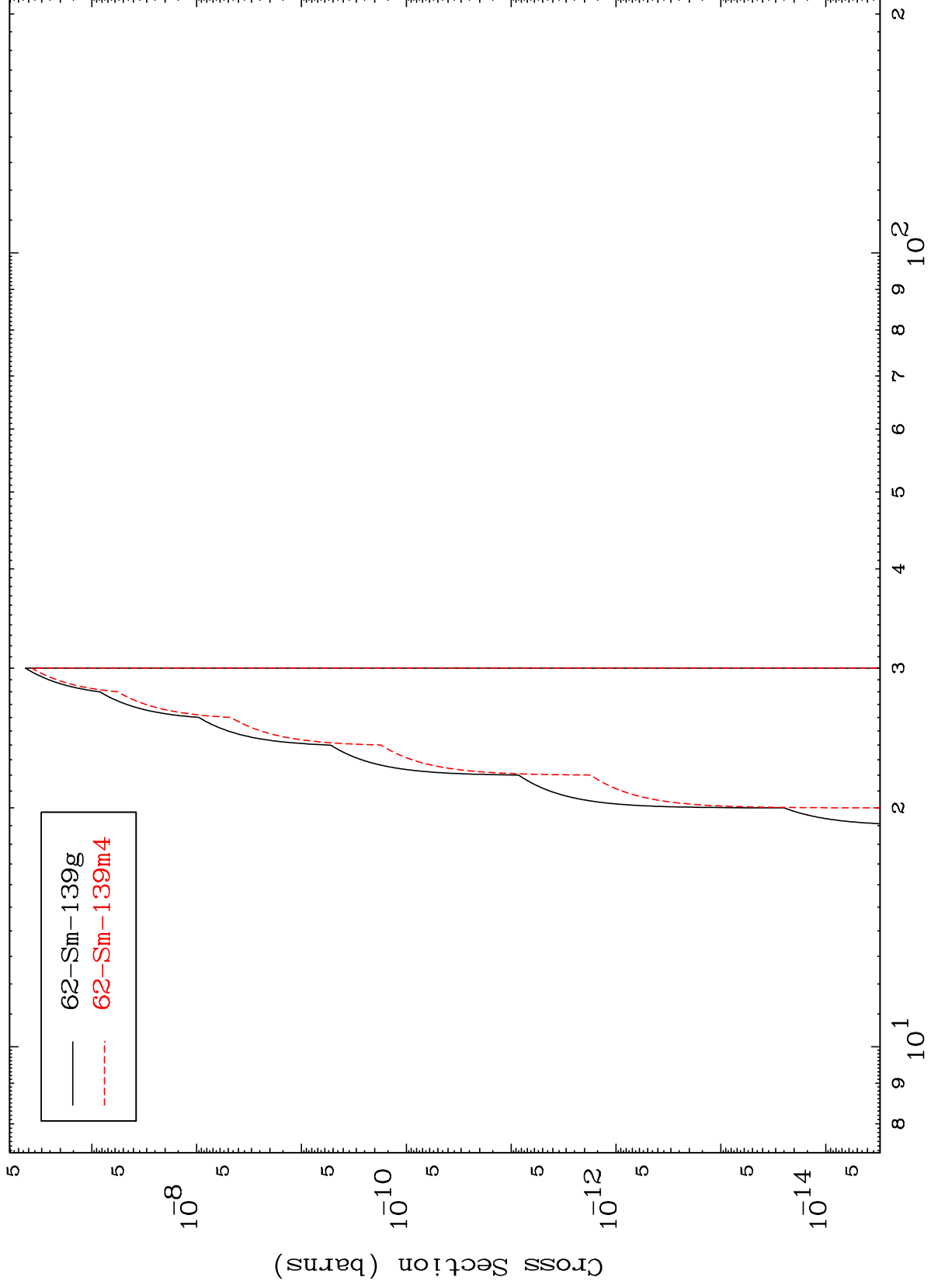
64-Gd-144

MAT 6401

(n,d)  $\alpha$

64-Gd-144

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-144