

Program EVALPLOT  
(Version 2021-1)

by

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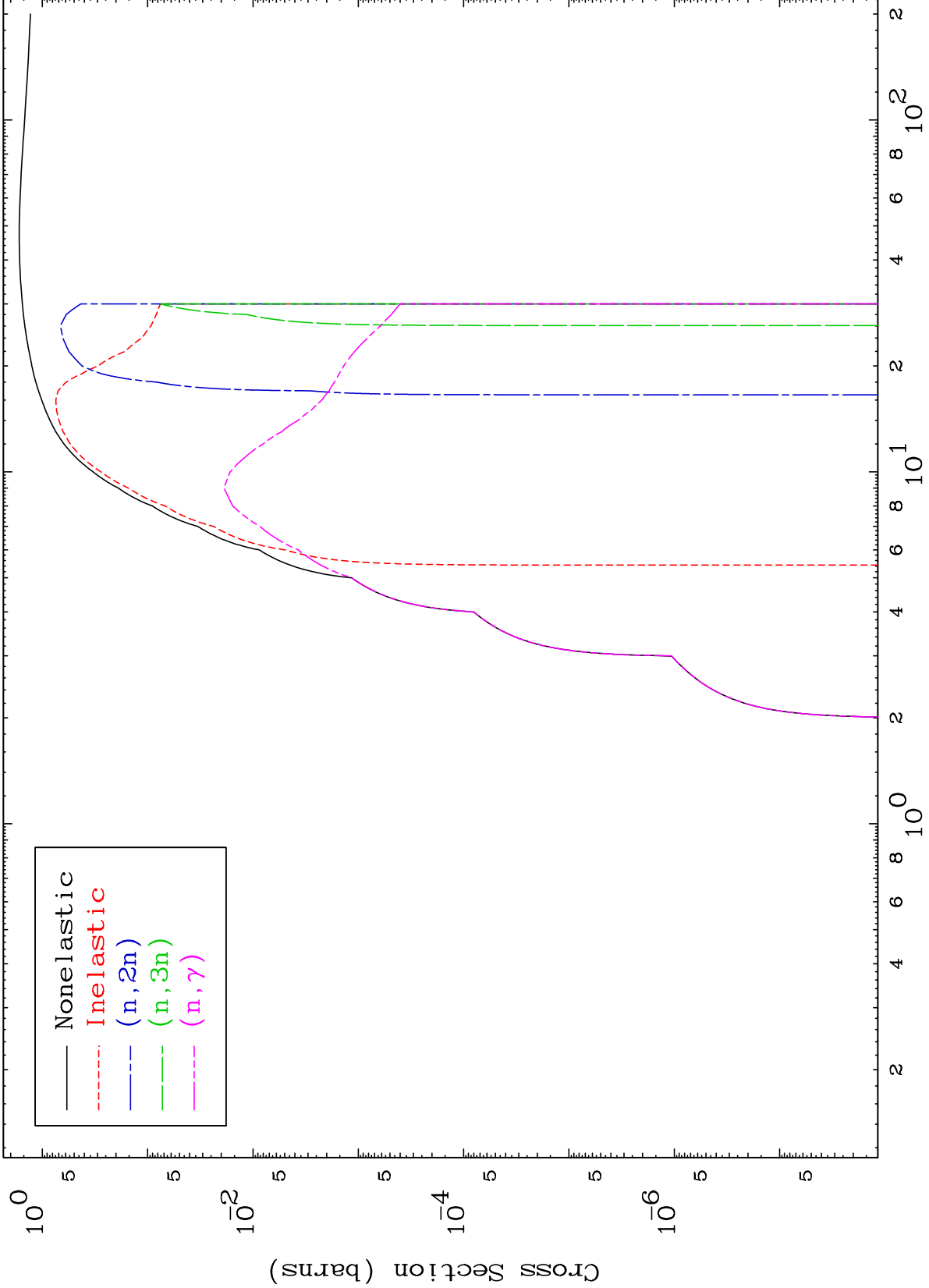
Press Mouse Button to Start

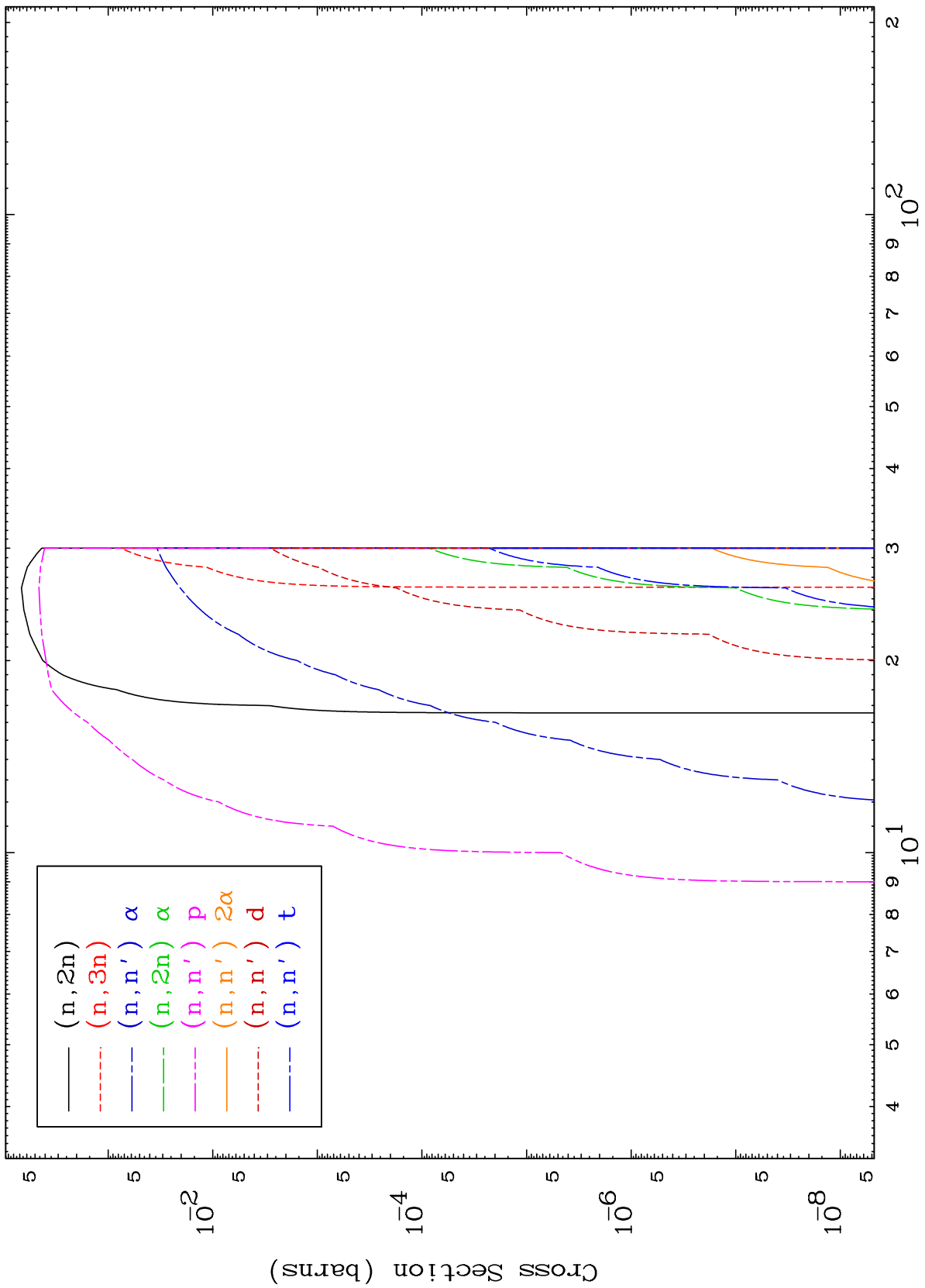
MAT 6410

Proton Major

64-Gd-147

0 Kelvin Cross Sections

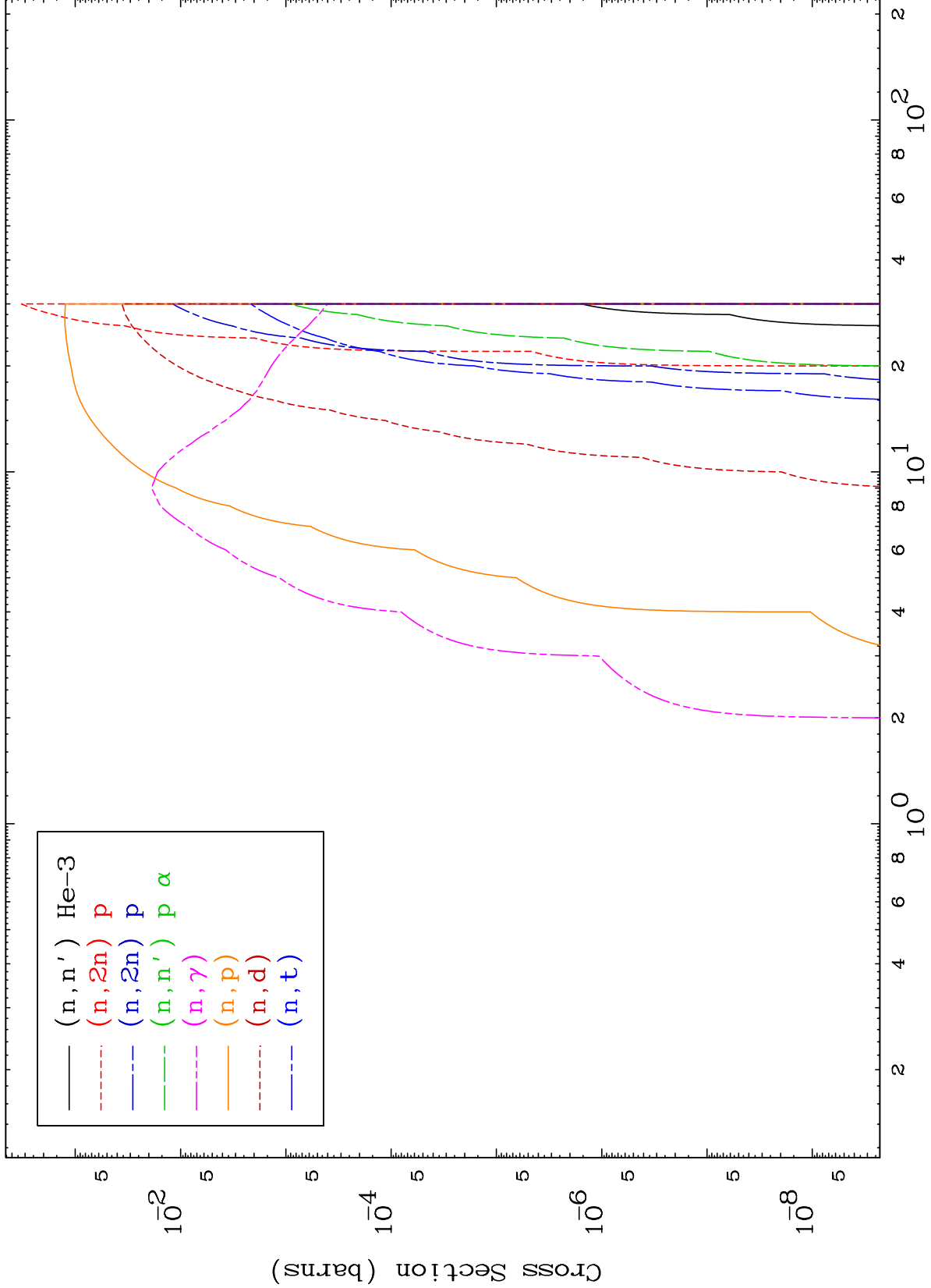




MAT 6410

Proton Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-147

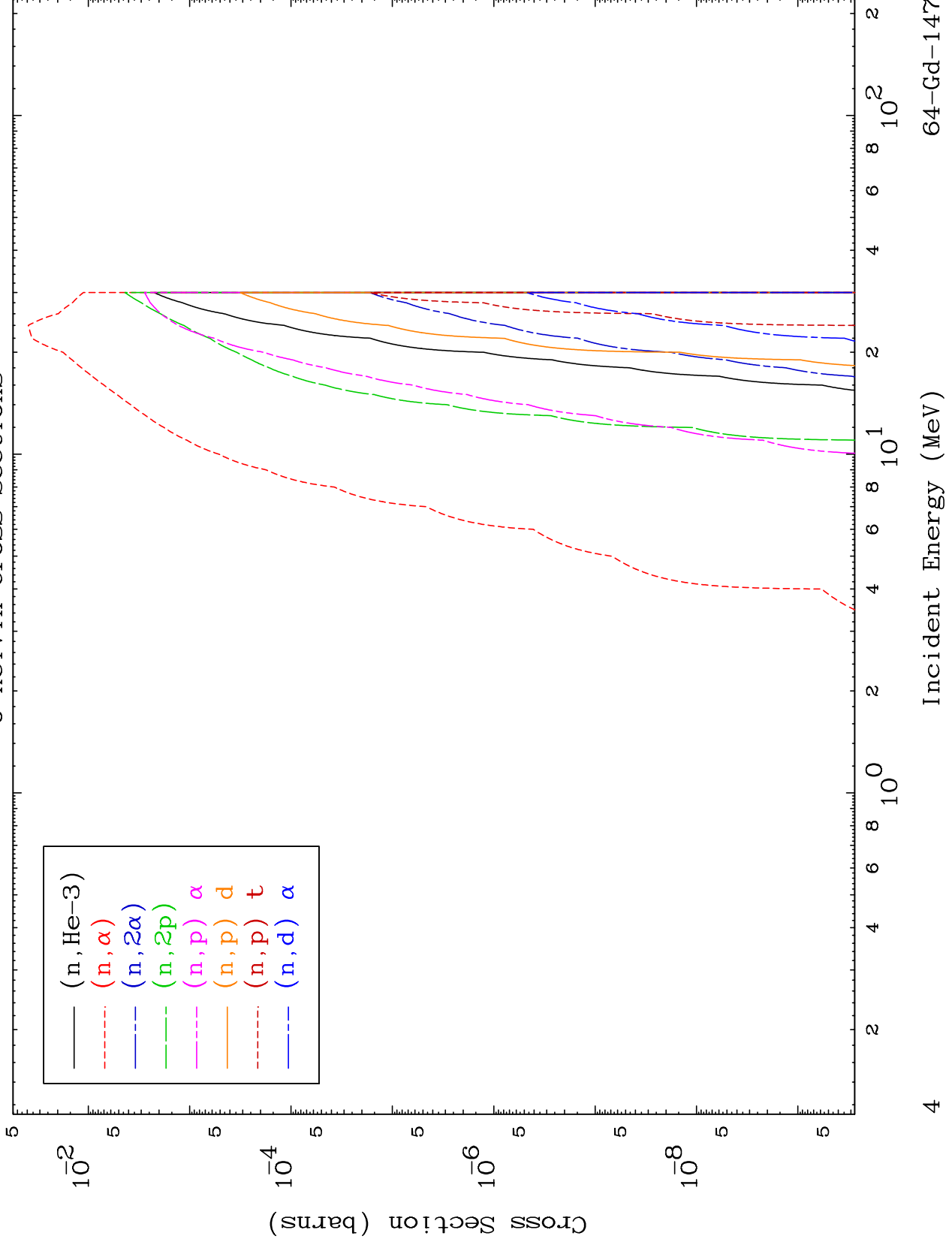


64-Gd-147

MAT 6410

Proton Neutron Absorption  
0 Kelvin Cross Sections

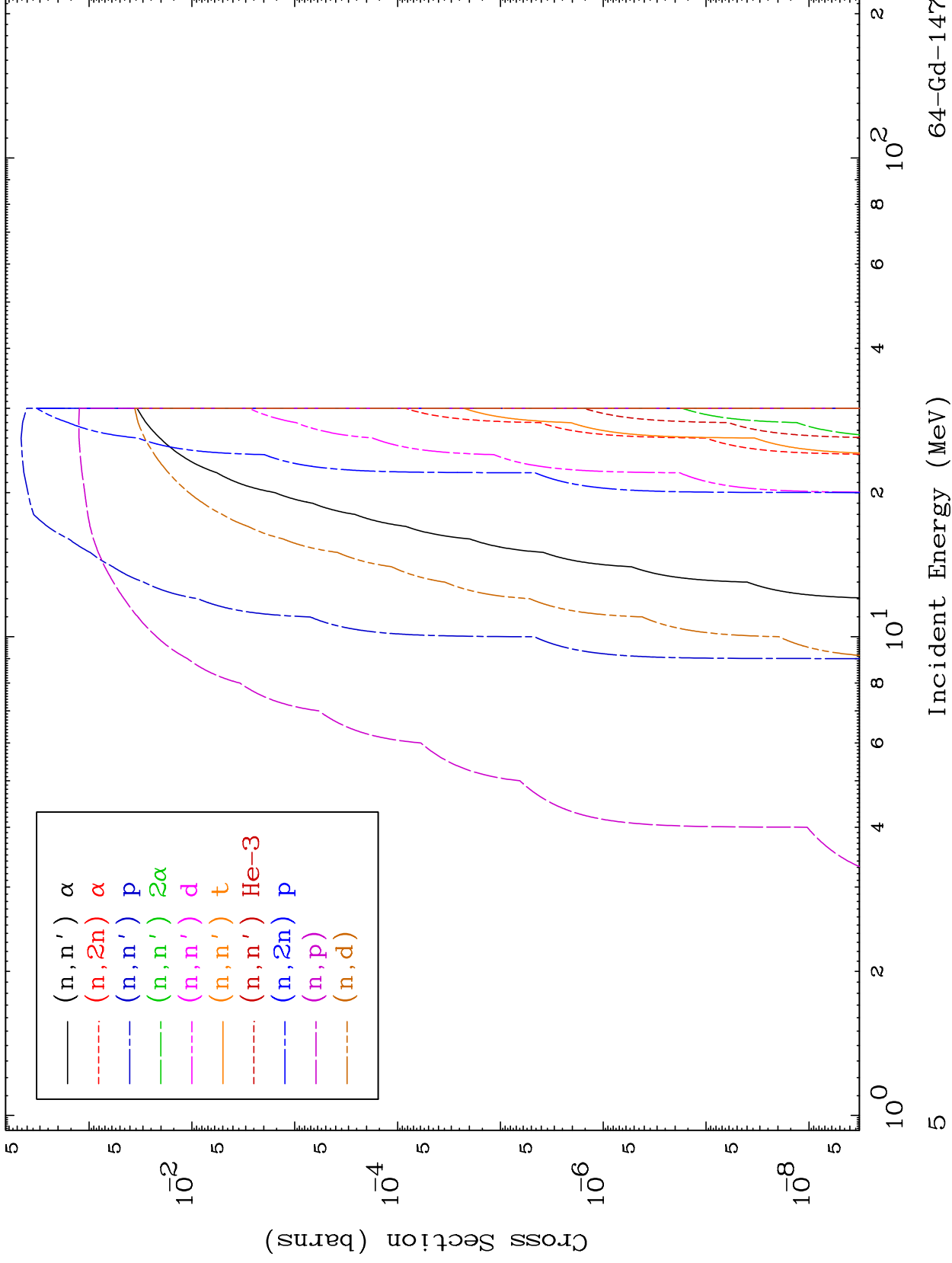
64-Gd-147



MAT 6410

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-147



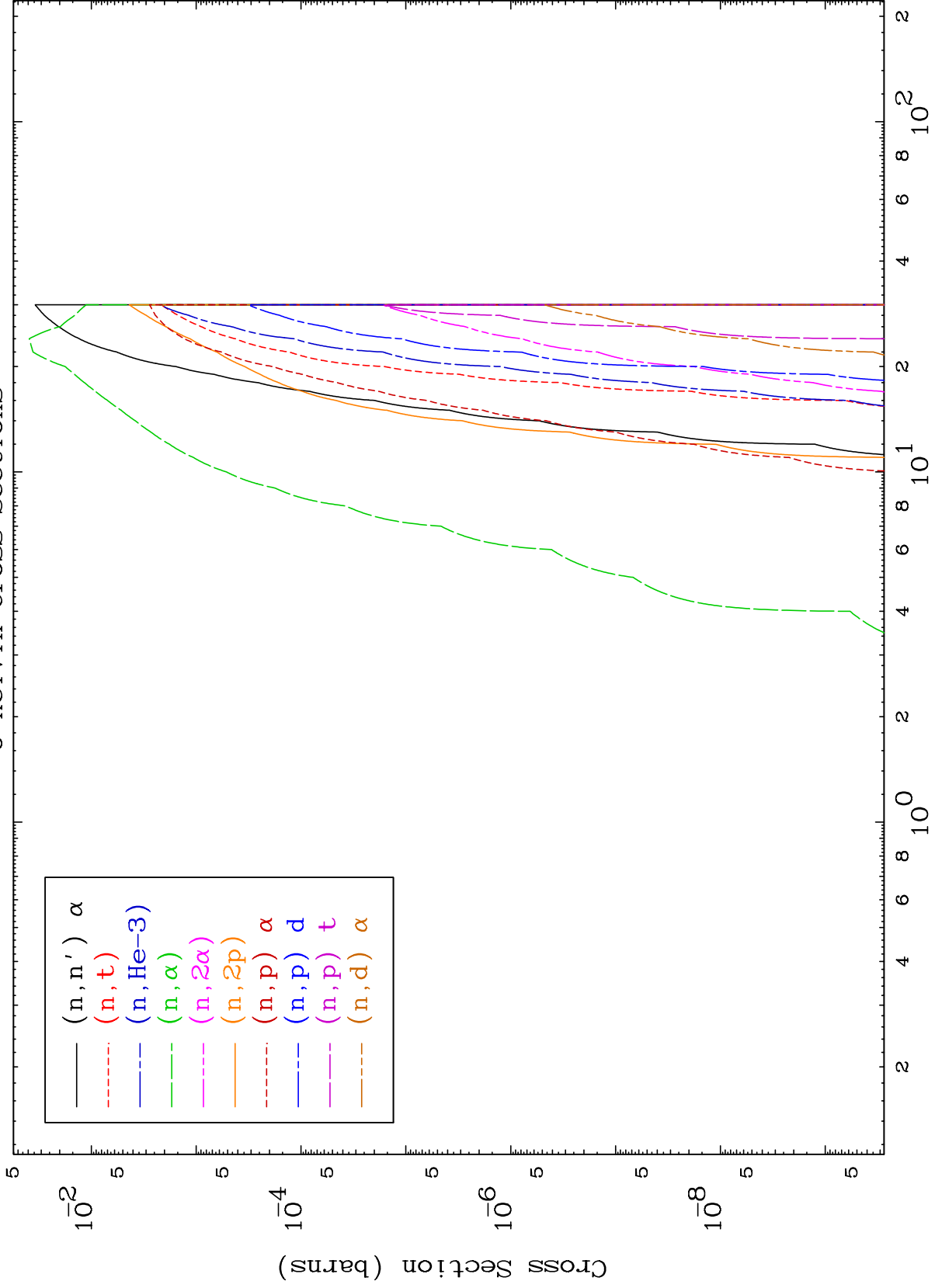
Incident Energy (MeV)

64-Gd-147

MAT 6410

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-147



6

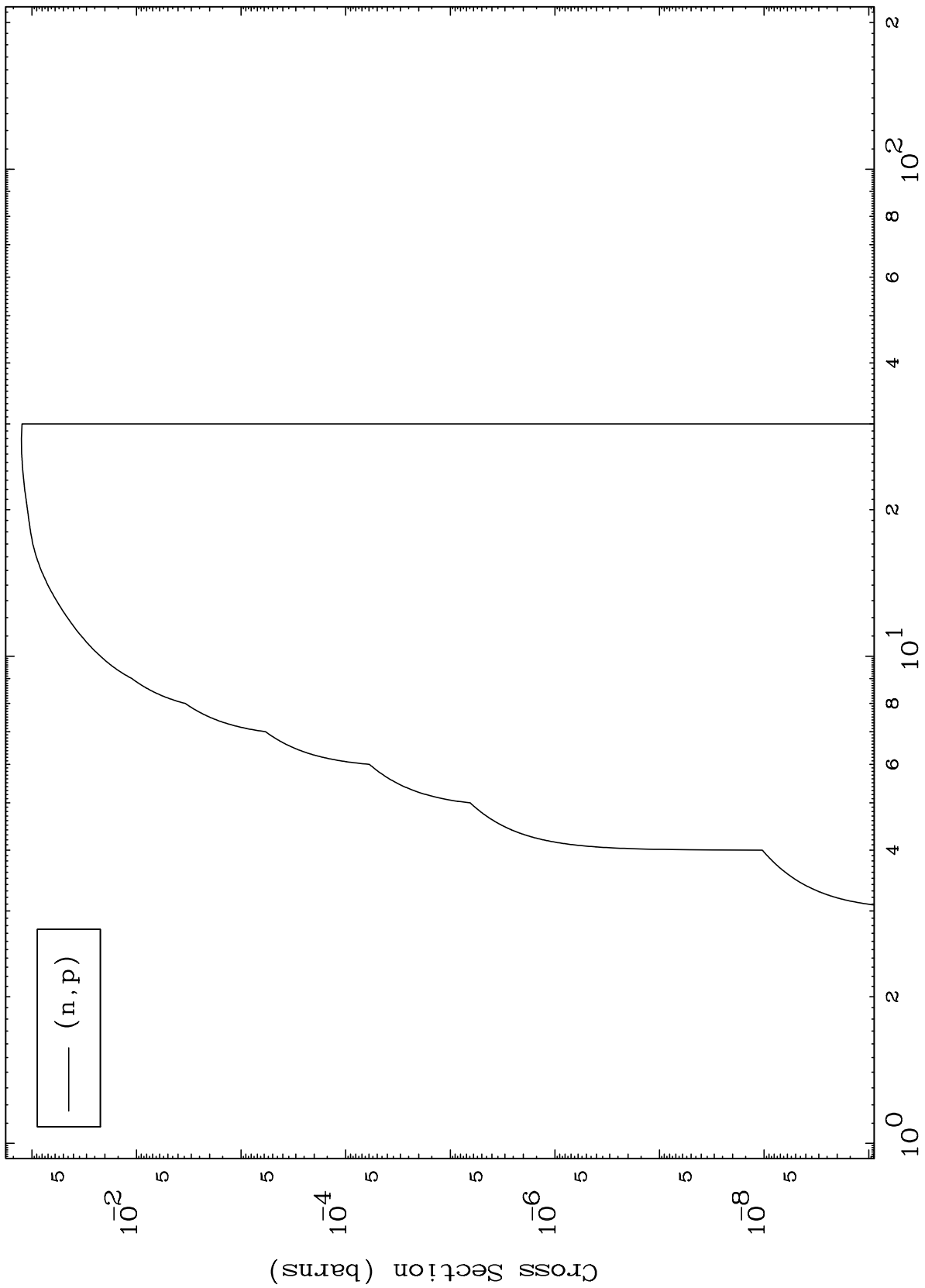
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(p,p) Levels  
0 Kelvin Cross Sections



(n,p)

64-Gd-147

Incident Energy (MeV)

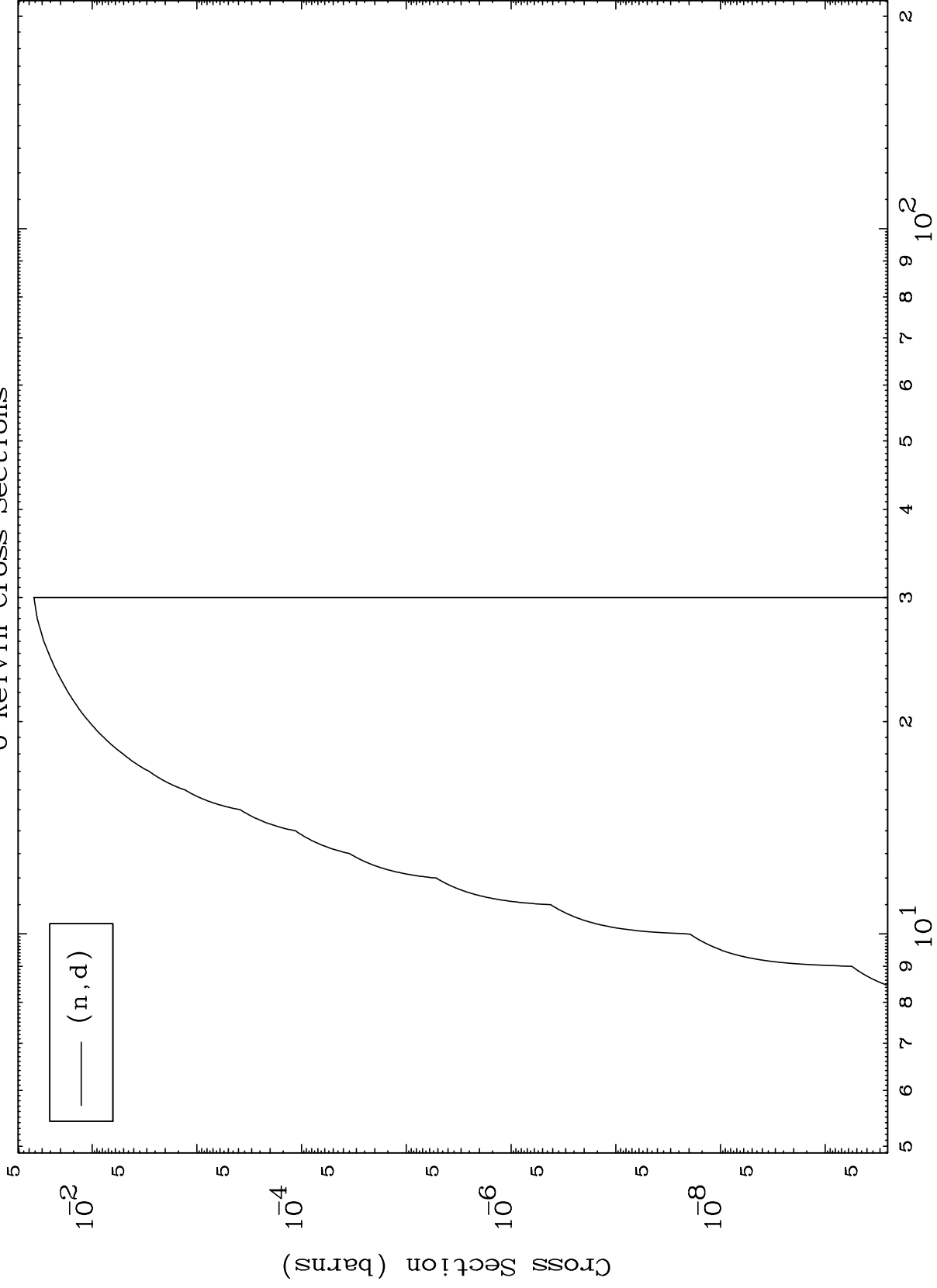
7



MAT 6410

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-147



8

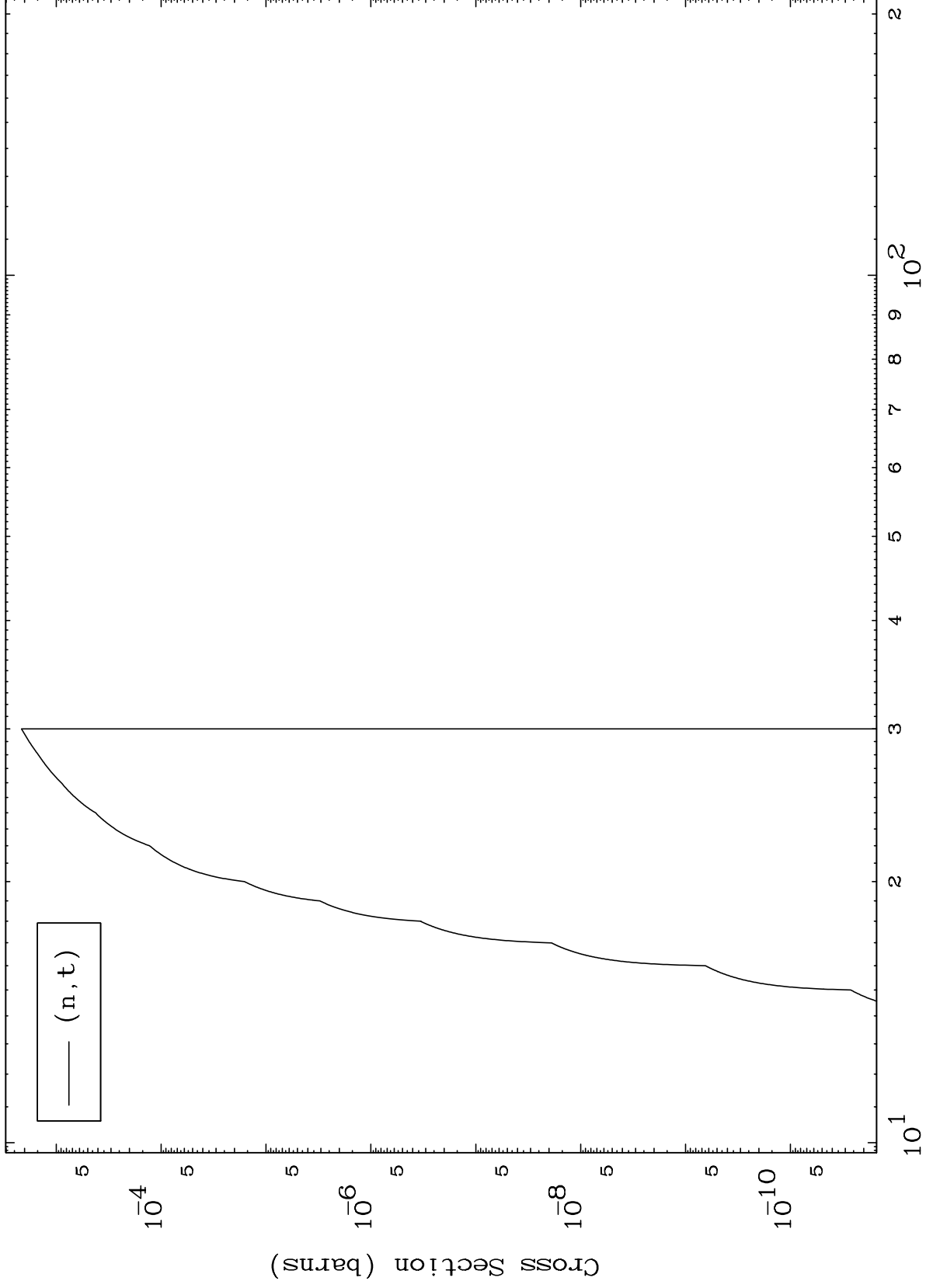
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p, t) Levels  
0 Kelvin Cross Sections

64-Gd-147



Incident Energy (MeV)

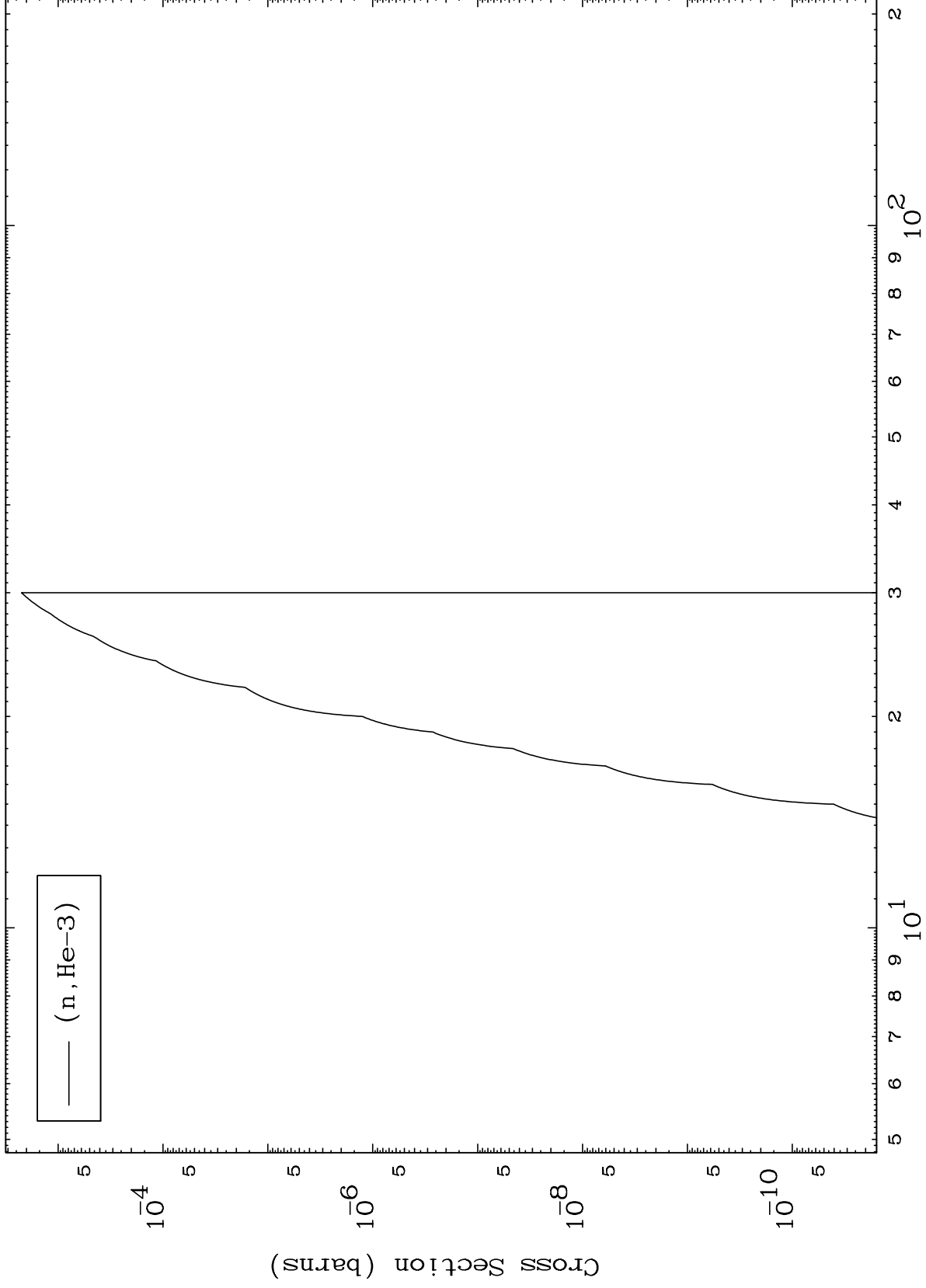
64-Gd-147

MAT 6410

(p,He3) Levels

64-Gd-147

0 Kelvin Cross Sections



10

Incident Energy (MeV)

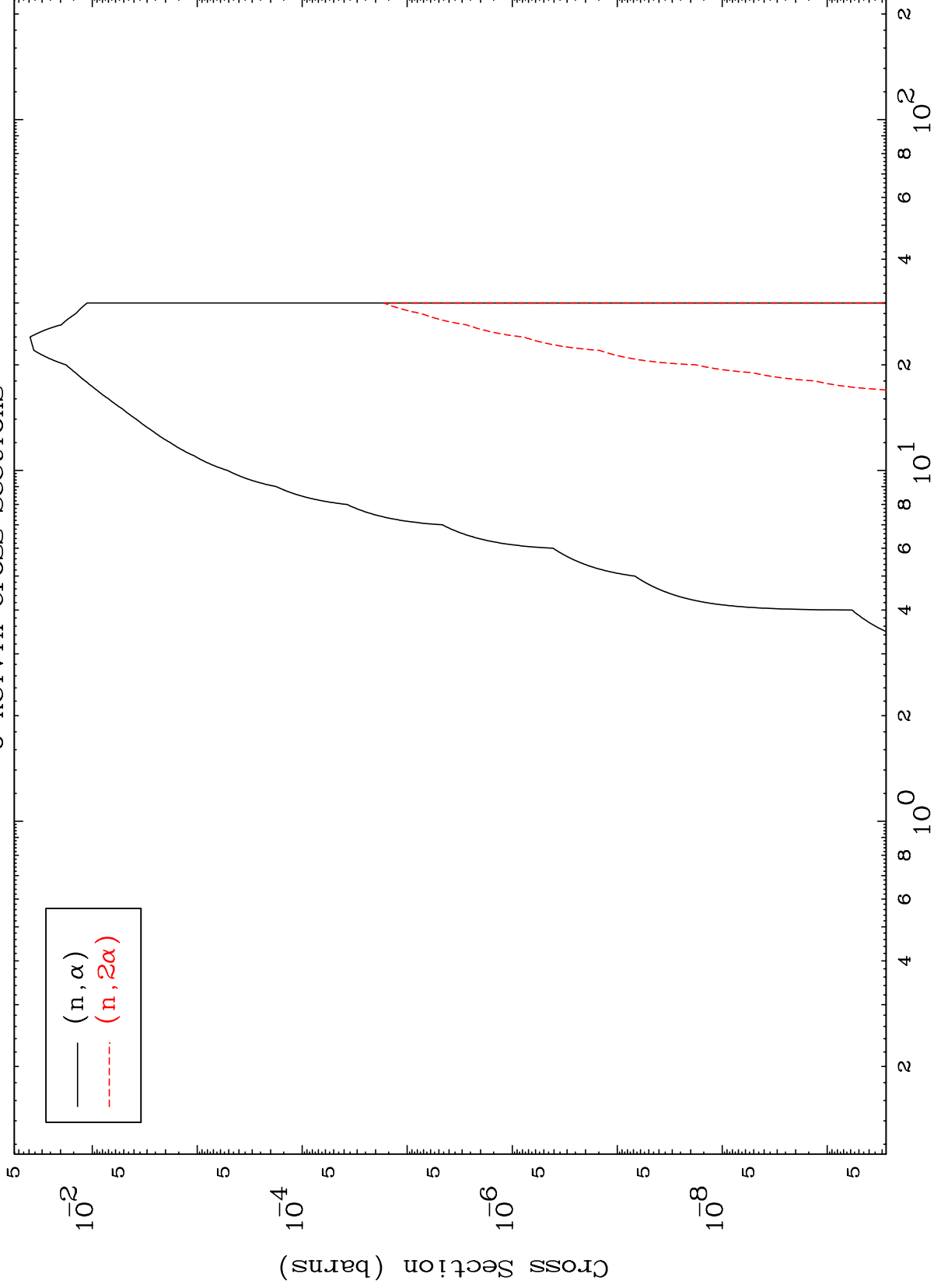
64-Gd-147

MAT 6410

(p,  $\alpha$ ) Levels

64-Gd-147

0 Kelvin Cross Sections



11

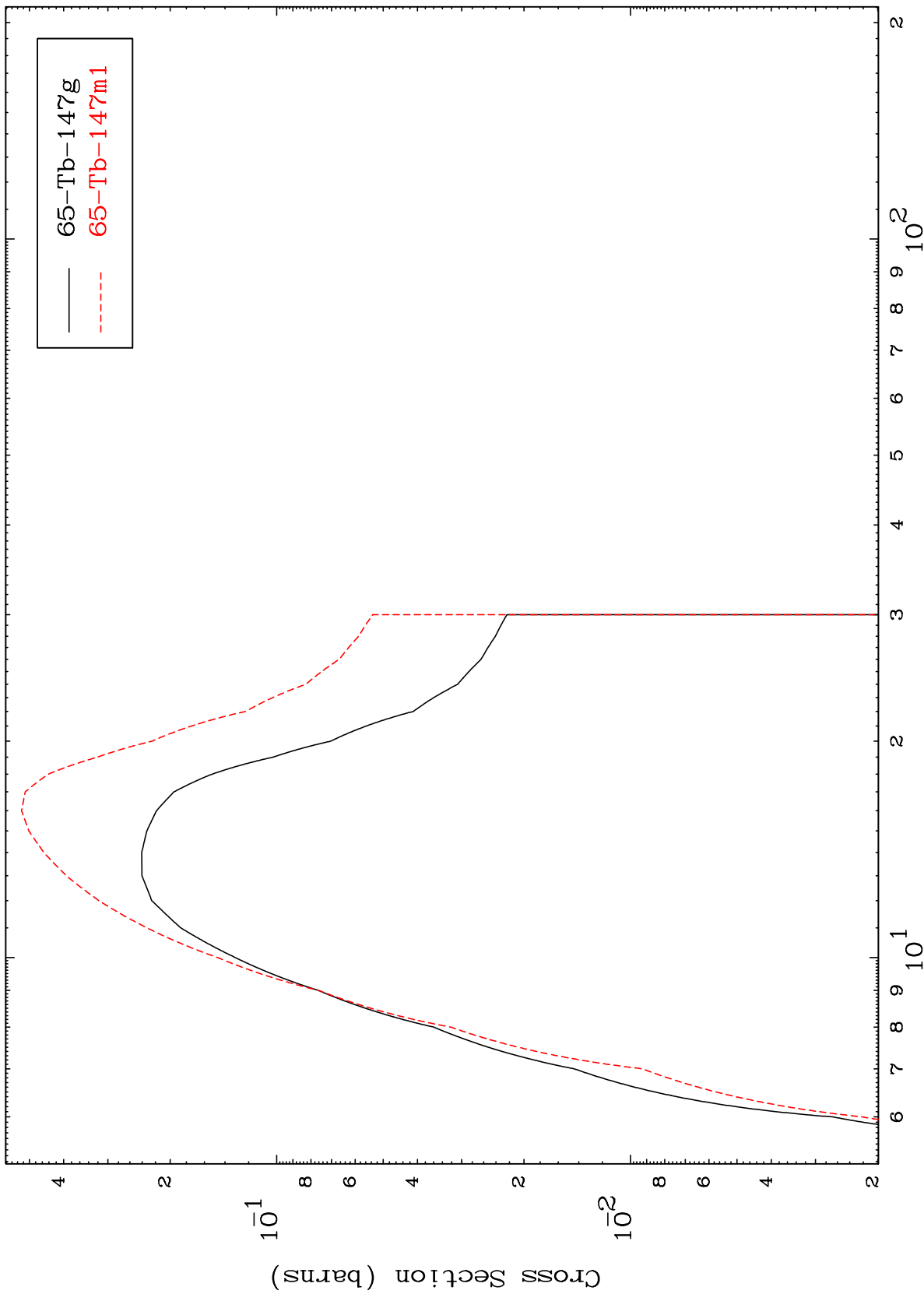
Incident Energy (MeV)

64-Gd-147

MAT 6410

Inelastic  
Radionuclide Production Cross Section

64-Gd-147



65-Tb-147g  
65-Tb-147m1

12

Incident Energy (MeV)

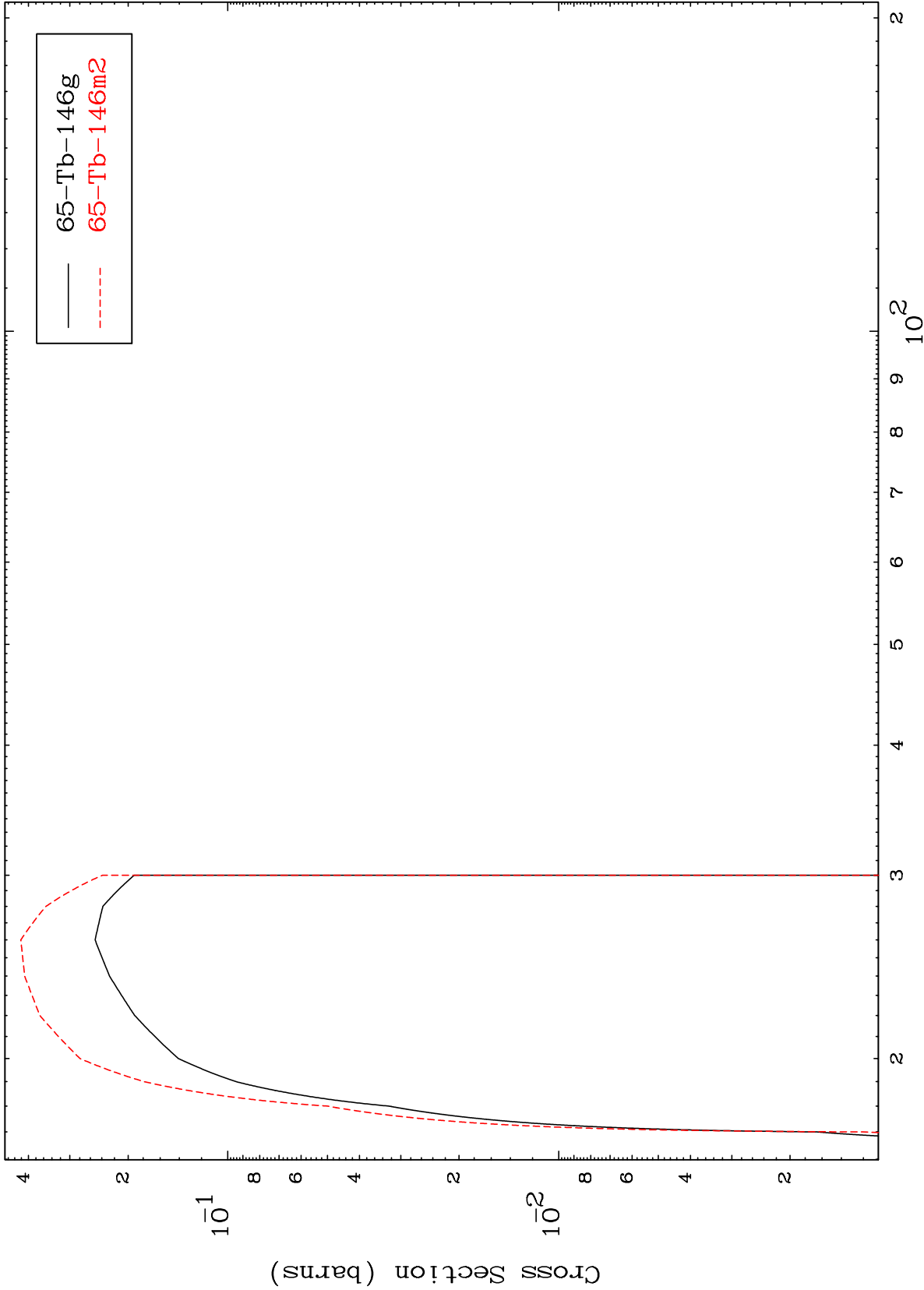
64-Gd-147

MAT 6410

(n,2n)

64-Gd-147

Radionuclide Production Cross Section



13

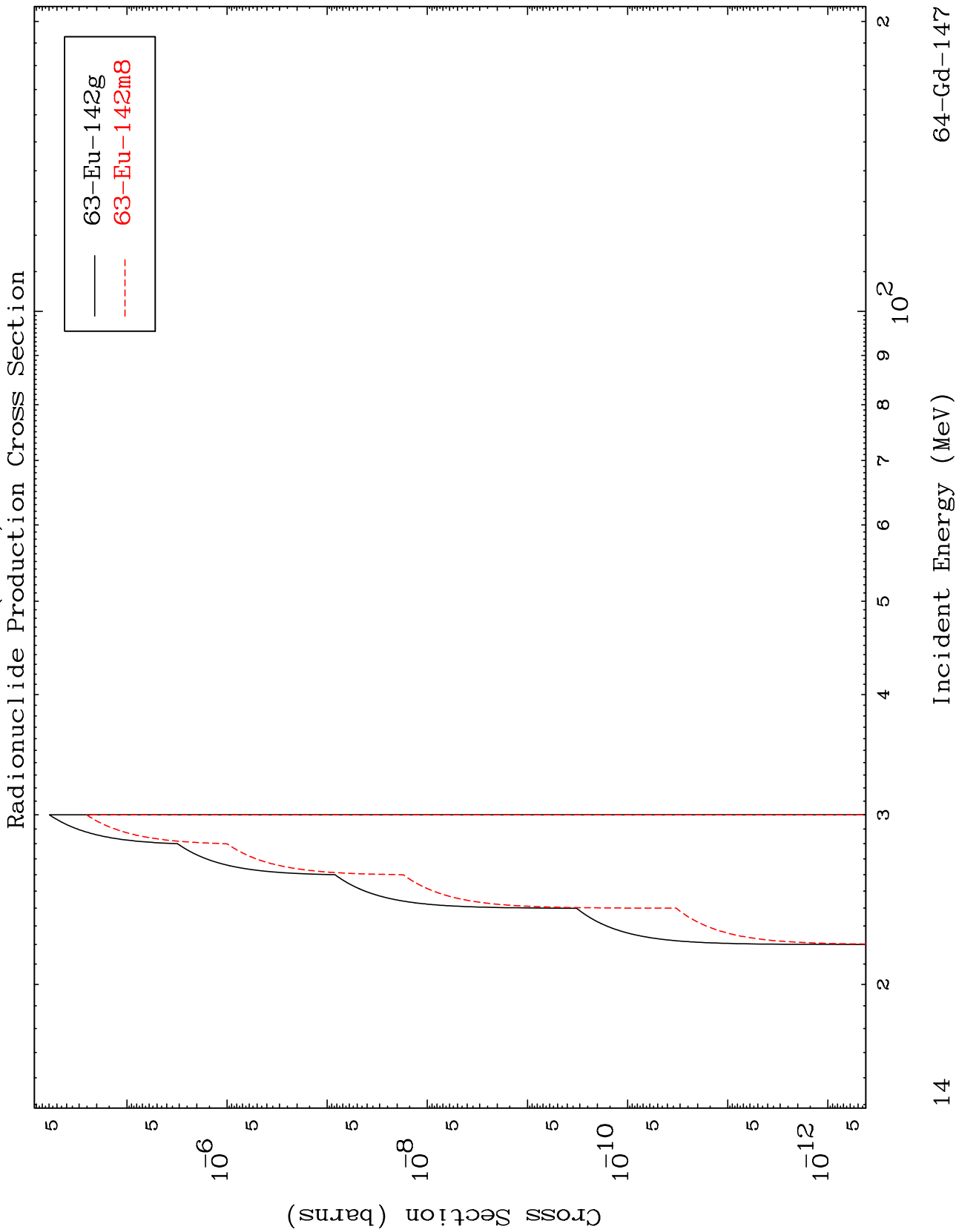
Incident Energy (MeV)

64-Gd-147

MAT 6410

(n,2n)  $\alpha$

64-Gd-147



14

Incident Energy (MeV)

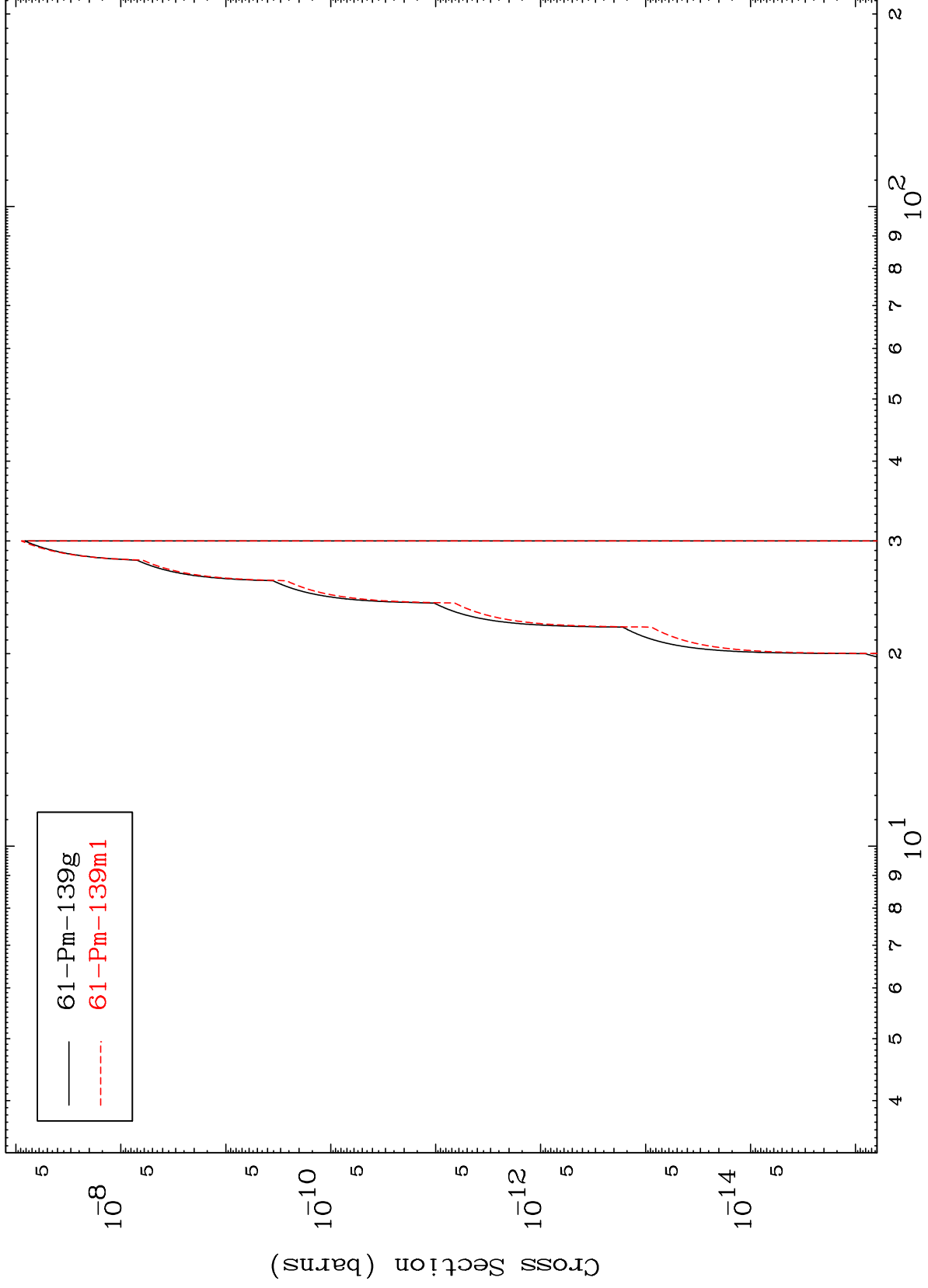
64-Gd-147

MAT 6410

(n,n') 2α

64-Gd-147

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

15

Incident Energy (MeV)

64-Gd-147

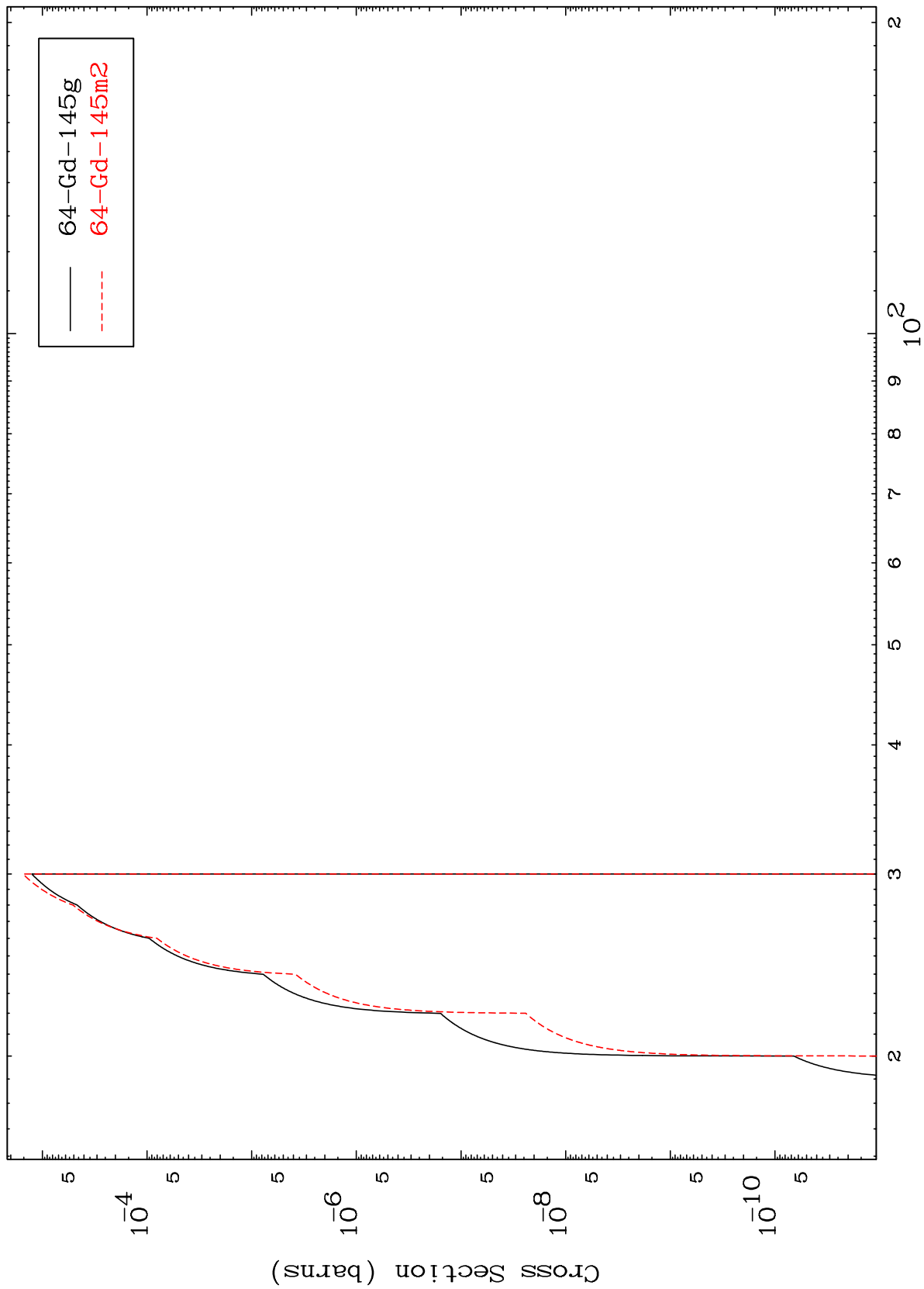


MAT 6410

(n,n') d

64-Gd-147

Radionuclide Production Cross Section



16

Incident Energy (MeV)

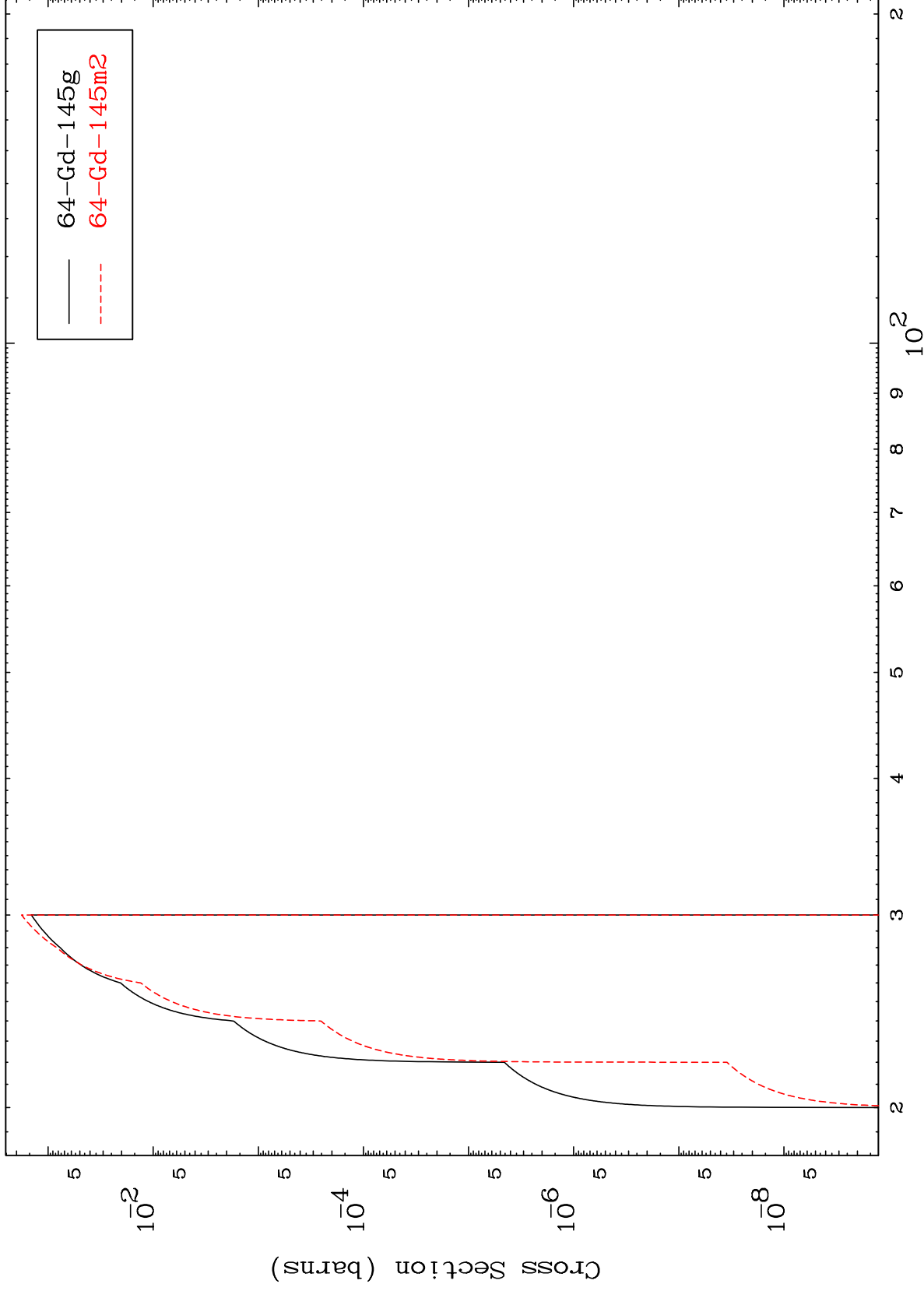
64-Gd-147

MAT 6410

(n,2n) p

64-Gd-147

Radionuclide Production Cross Section



17

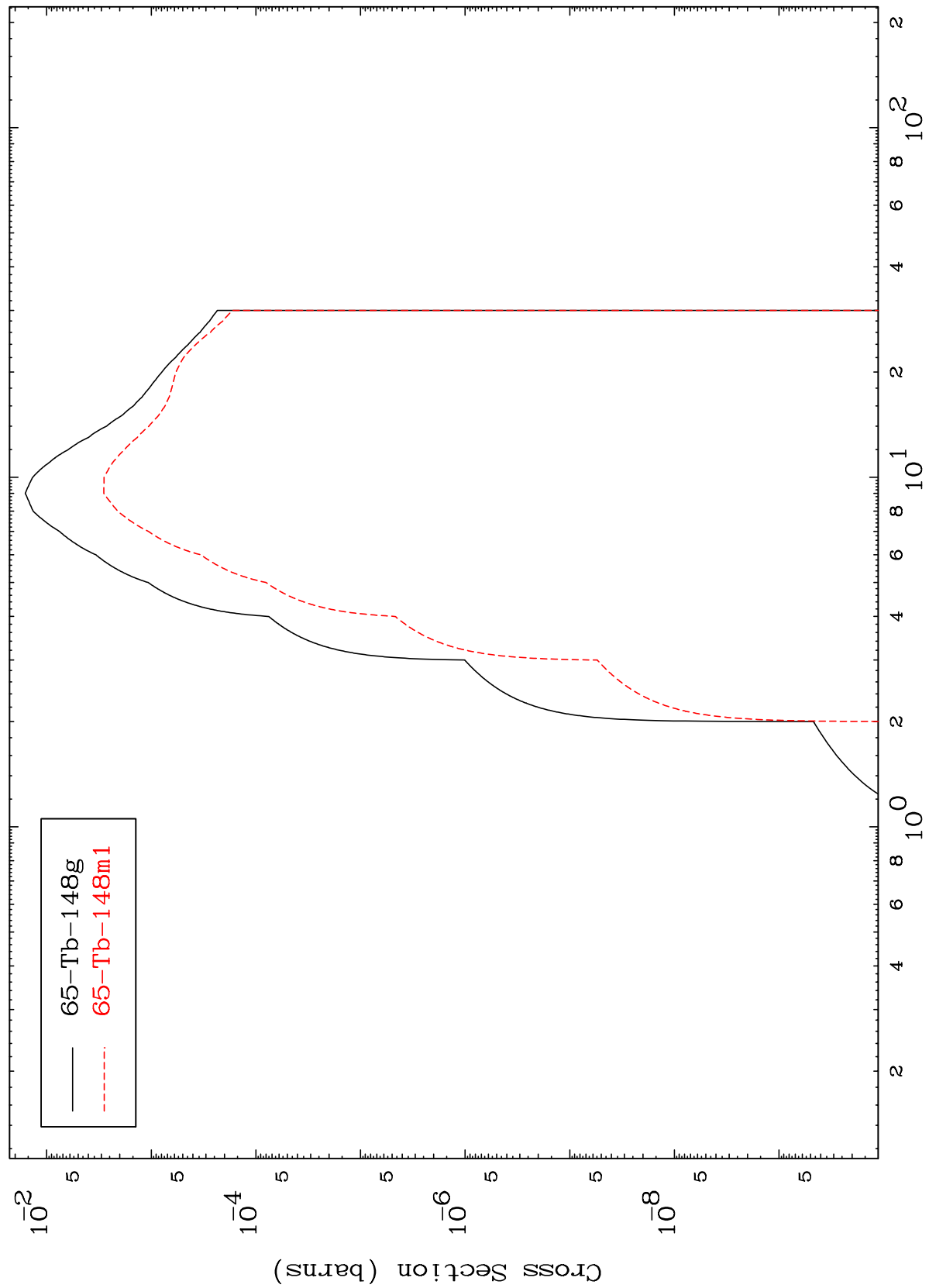
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

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



65-Tb-148g  
65-Tb-148m1

64-Gd-147

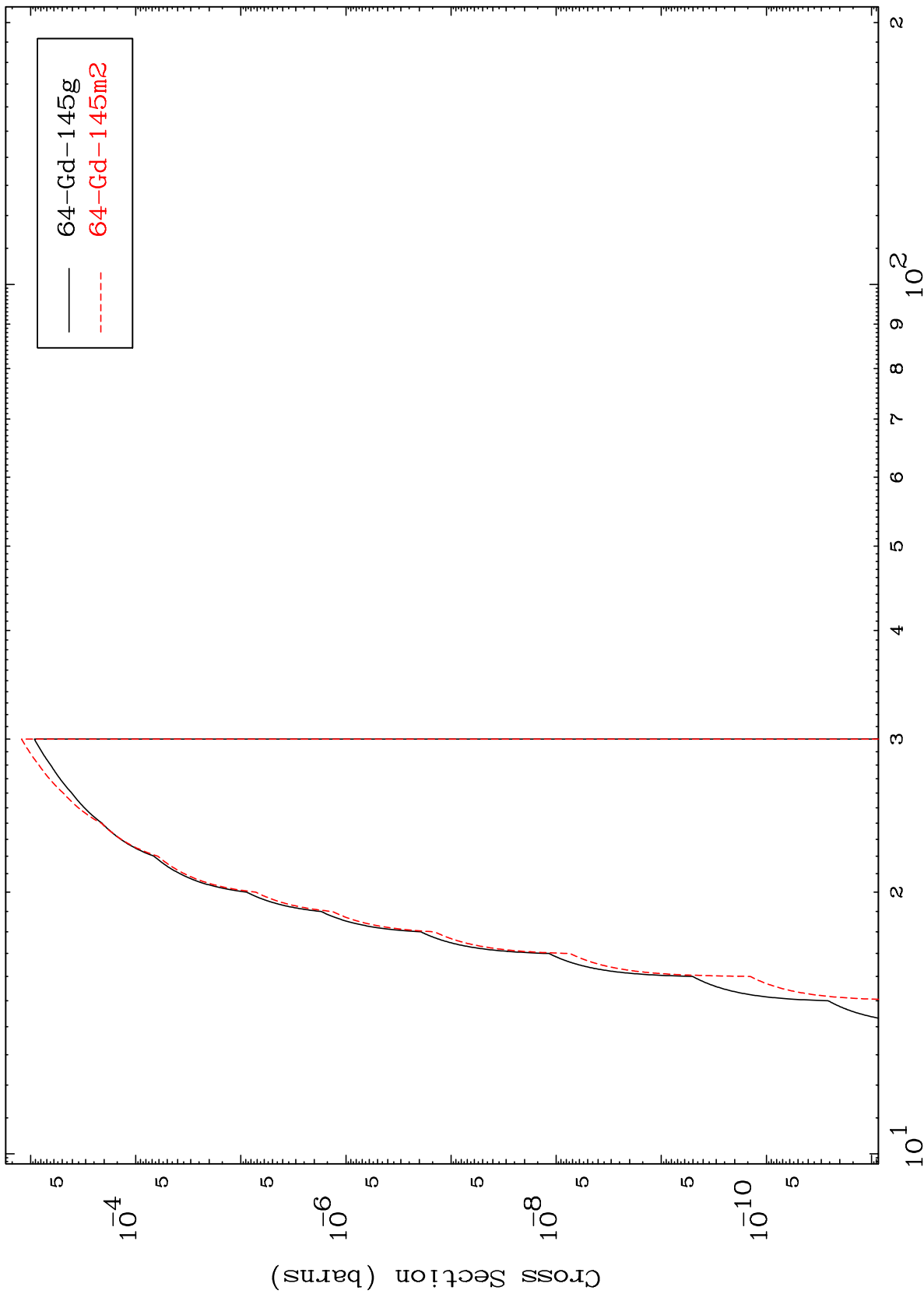
Incident Energy (MeV)

18

MAT 6410

64-Gd-147

(n, t)  
Radionuclide Production Cross Section



64-Gd-147

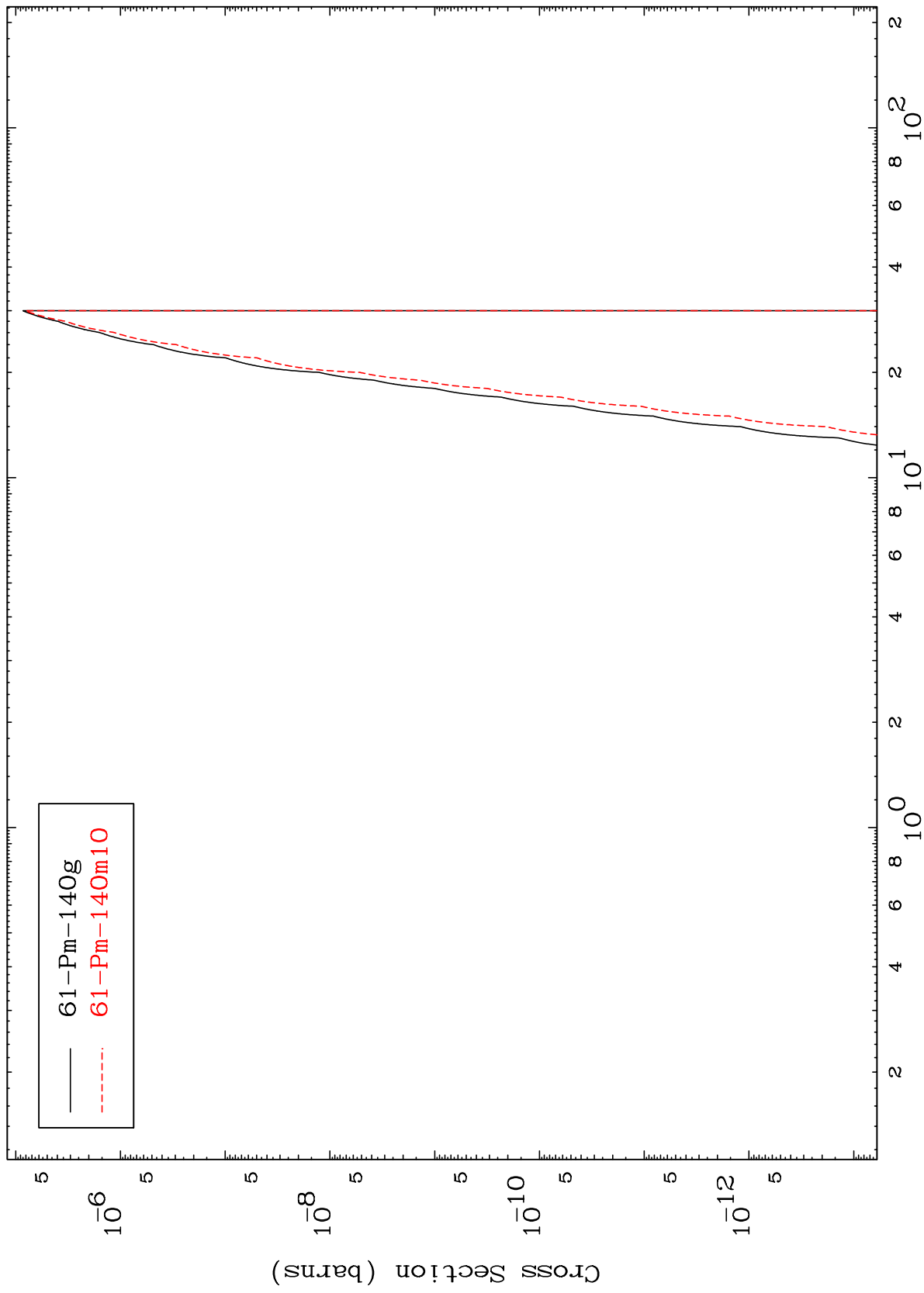
Incident Energy (MeV)

19

MAT 6410

64-Gd-147

Radionuclide Production Cross Section  
(n,2α)



20

Incident Energy (MeV)

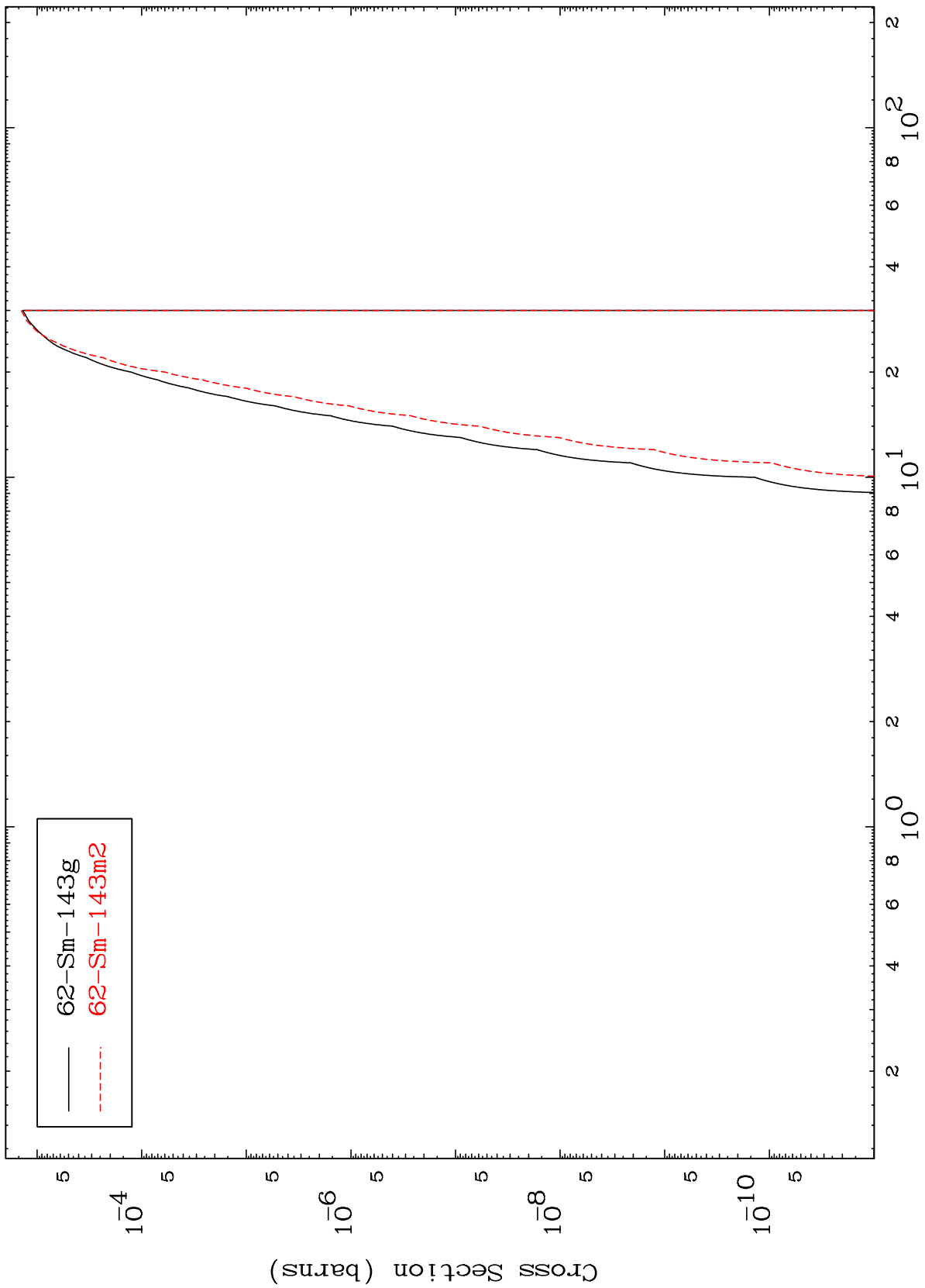
64-Gd-147

MAT 6410

(n,p)  $\alpha$

64-Gd-147

Radionuclide Production Cross Section



— 62-Sm-143g  
- - - 62-Sm-143m2