

Program EVALPLOT  
(Version 2021-1)

by

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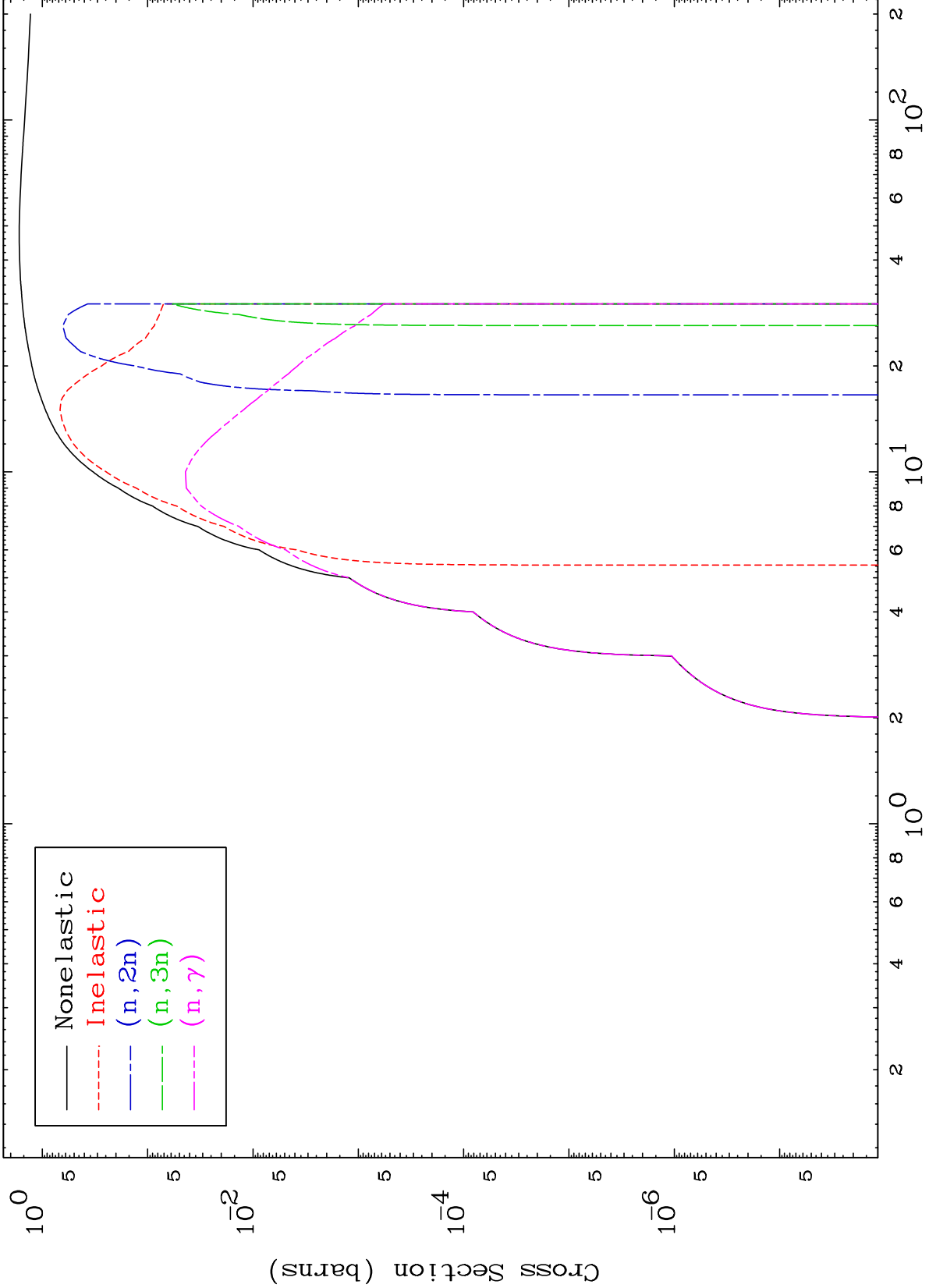
Press Mouse Button to Start

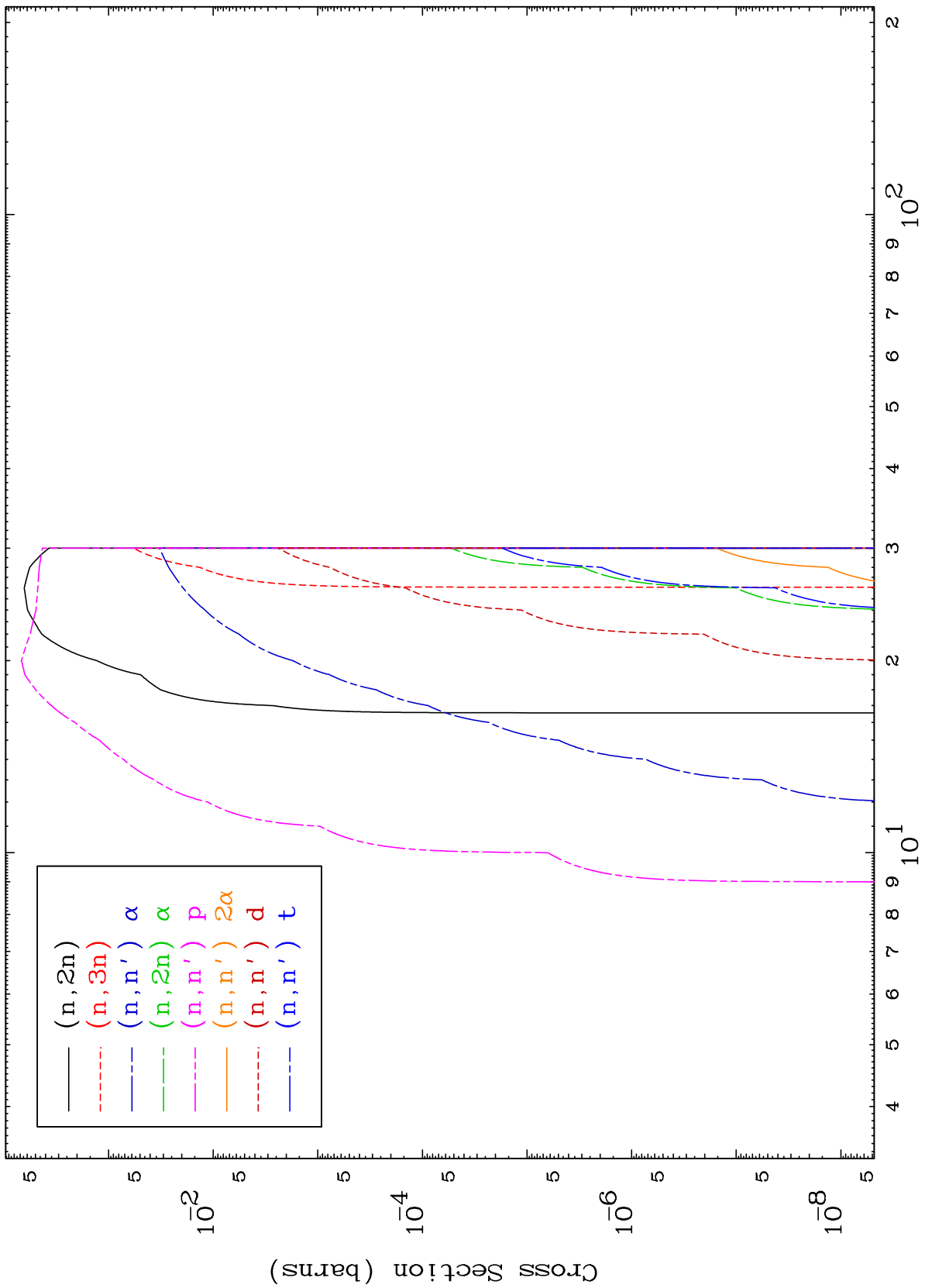
MAT 6410

Proton Major

64-Gd-147

0 Kelvin Cross Sections

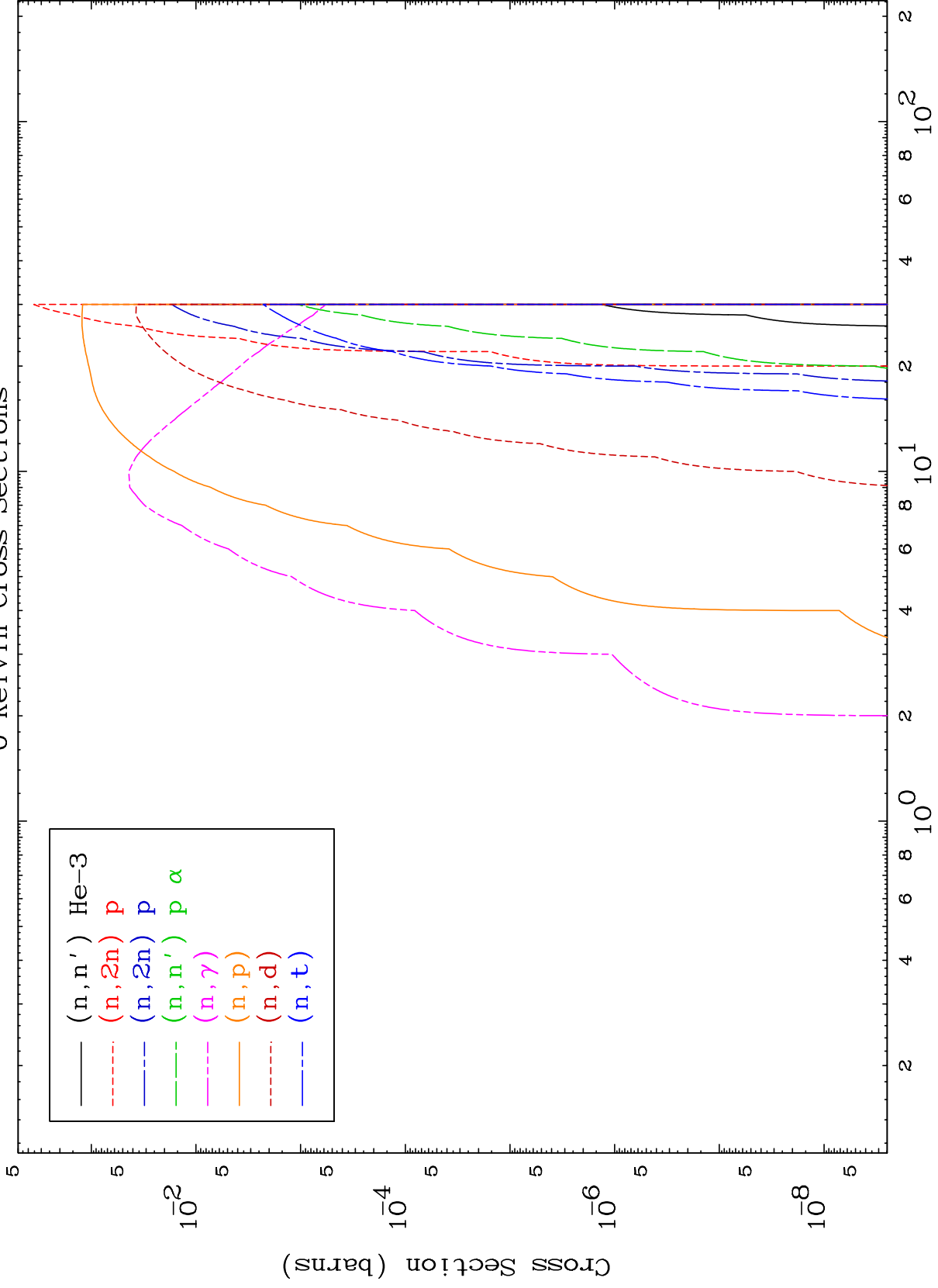




MAT 6410

Proton Neutron Absorption  
0 Kelvin Cross Sections

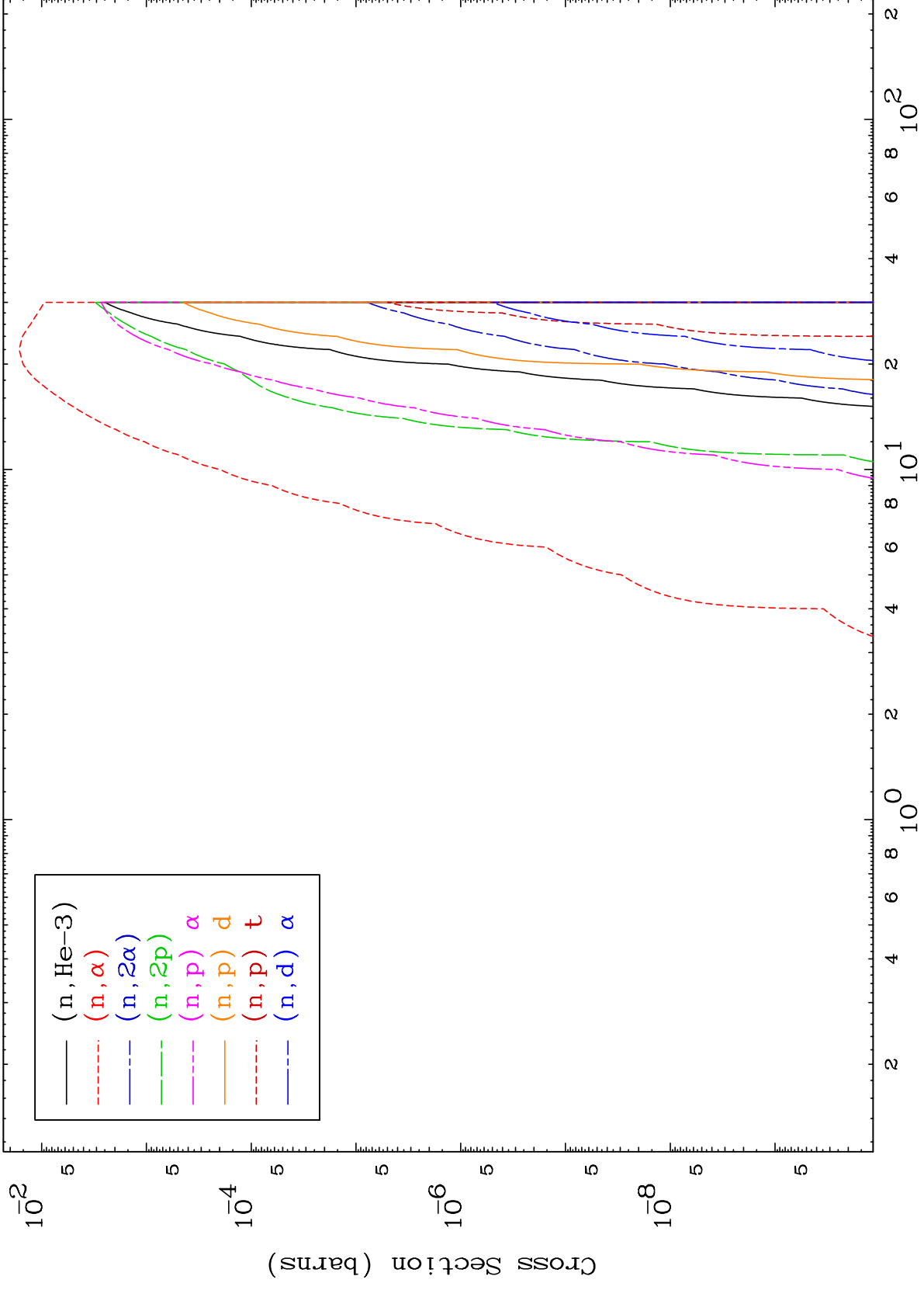
64-Gd-147



MAT 6410

Proton Neutron Absorption  
0 Kelvin Cross Sections

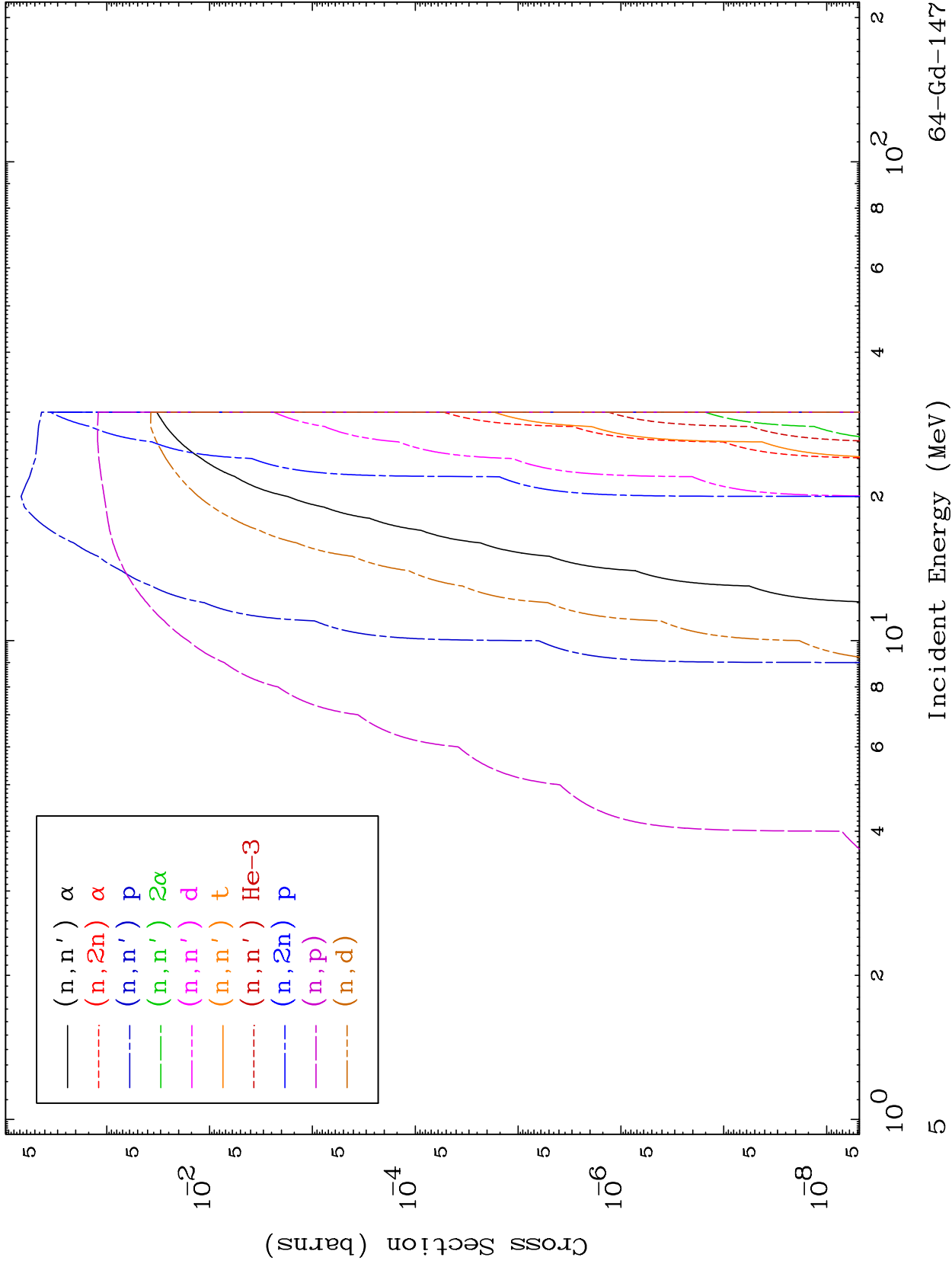
64-Gd-147



MAT 6410

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-147



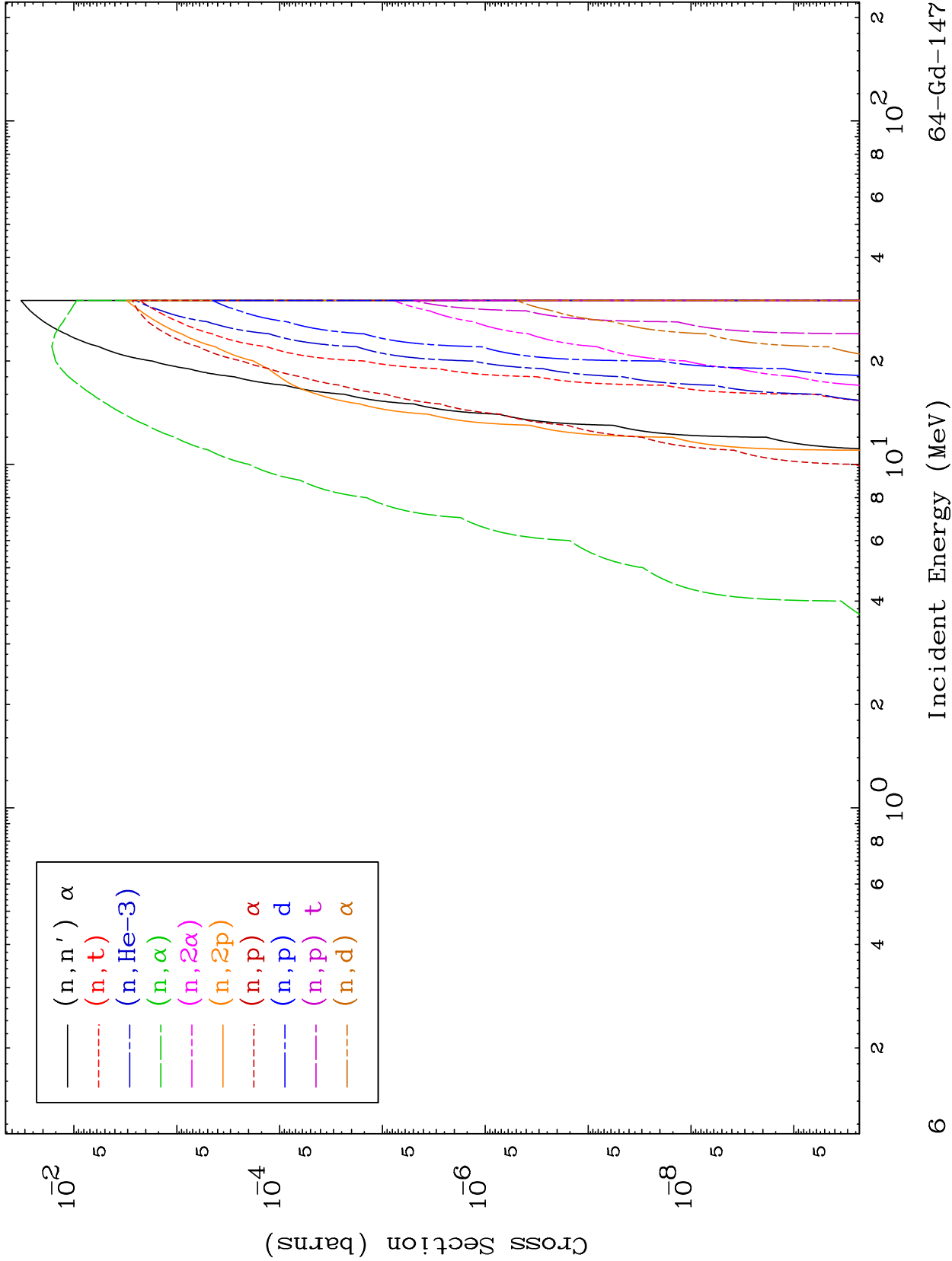
64-Gd-147

Incident Energy (MeV)

MAT 6410

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-147

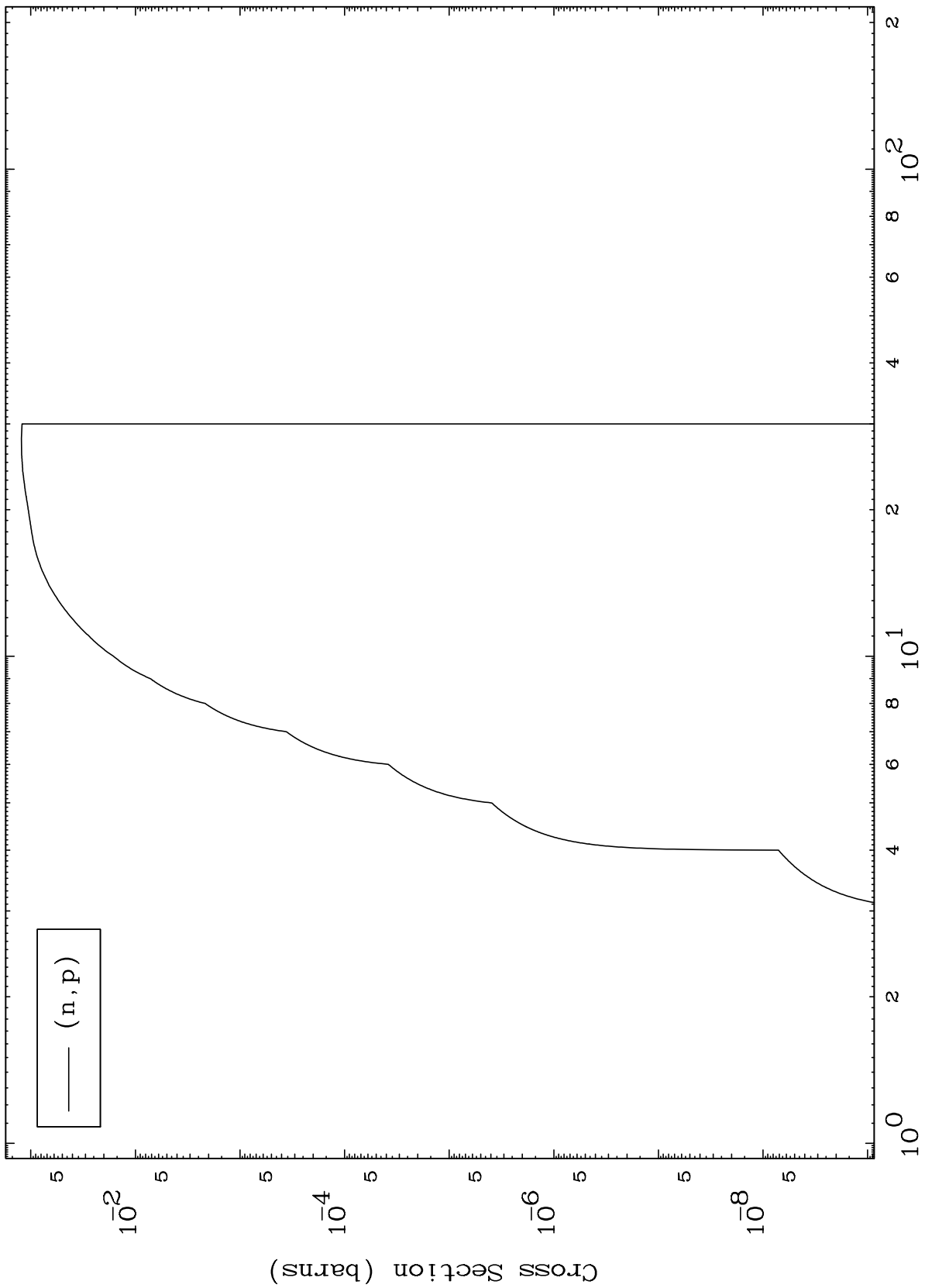


MAT 6410

(p,p) Levels

64-Gd-147

0 Kelvin Cross Sections



Incident Energy (MeV)

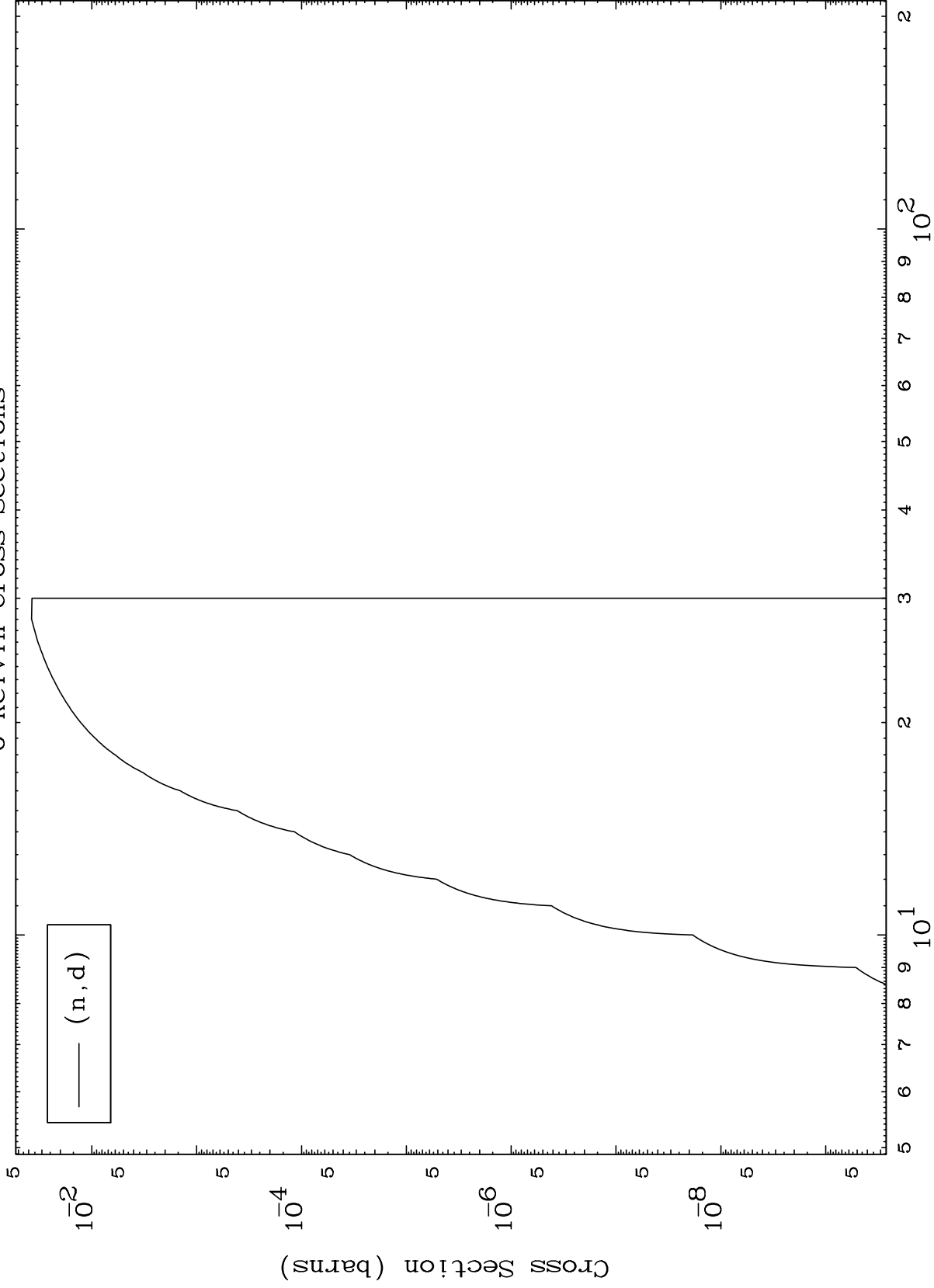
64-Gd-147

7

MAT 6410

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-147



8

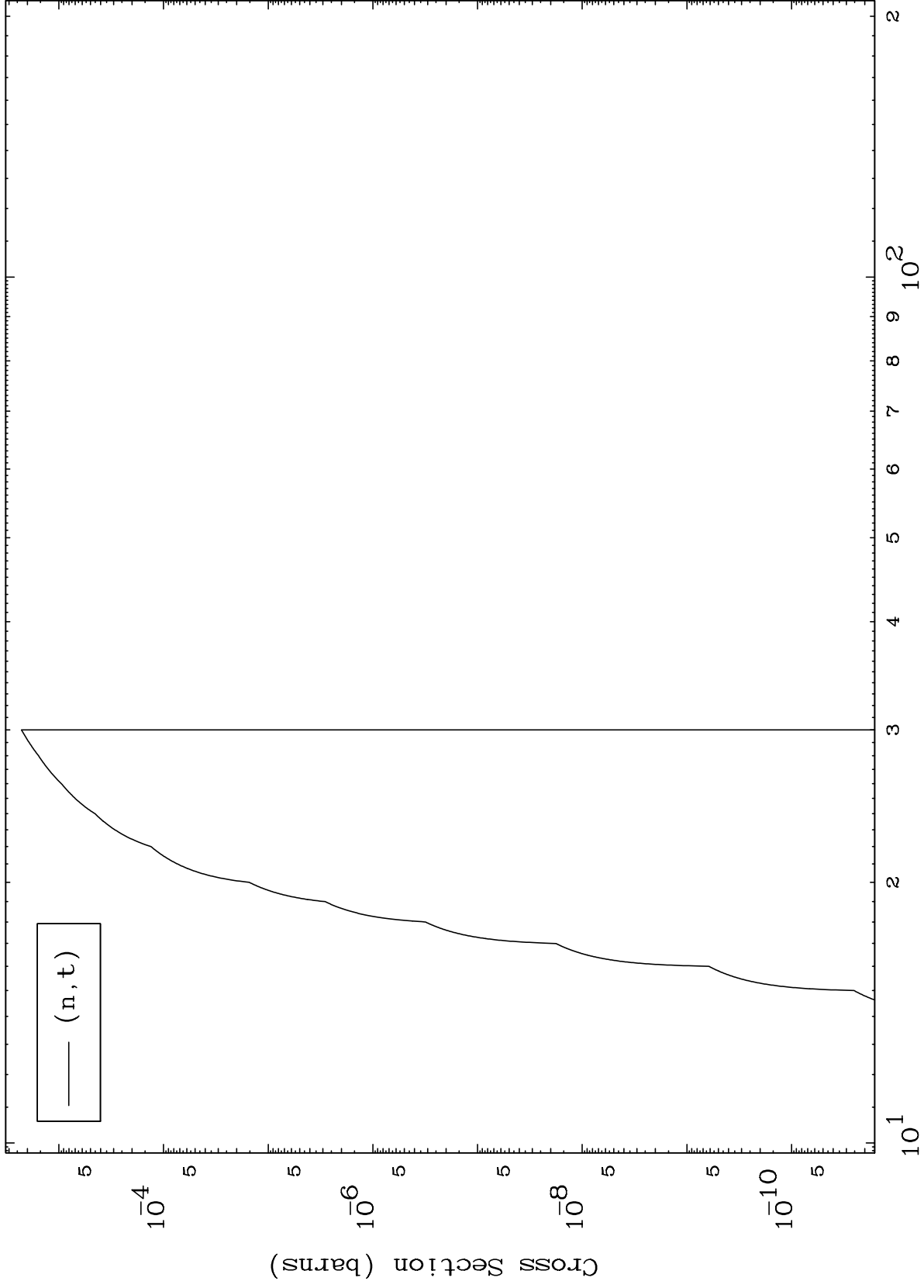
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-147



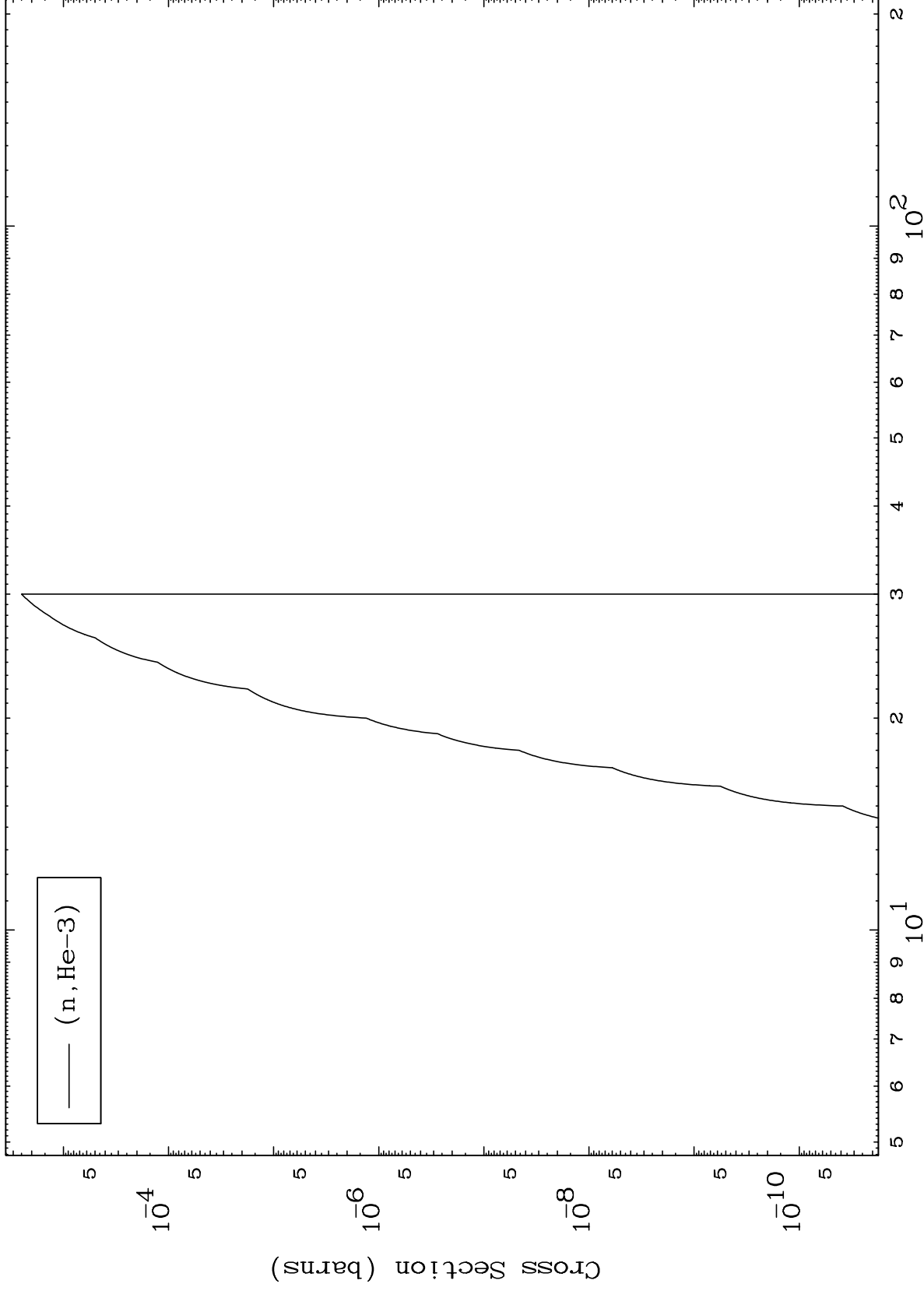
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-147



10

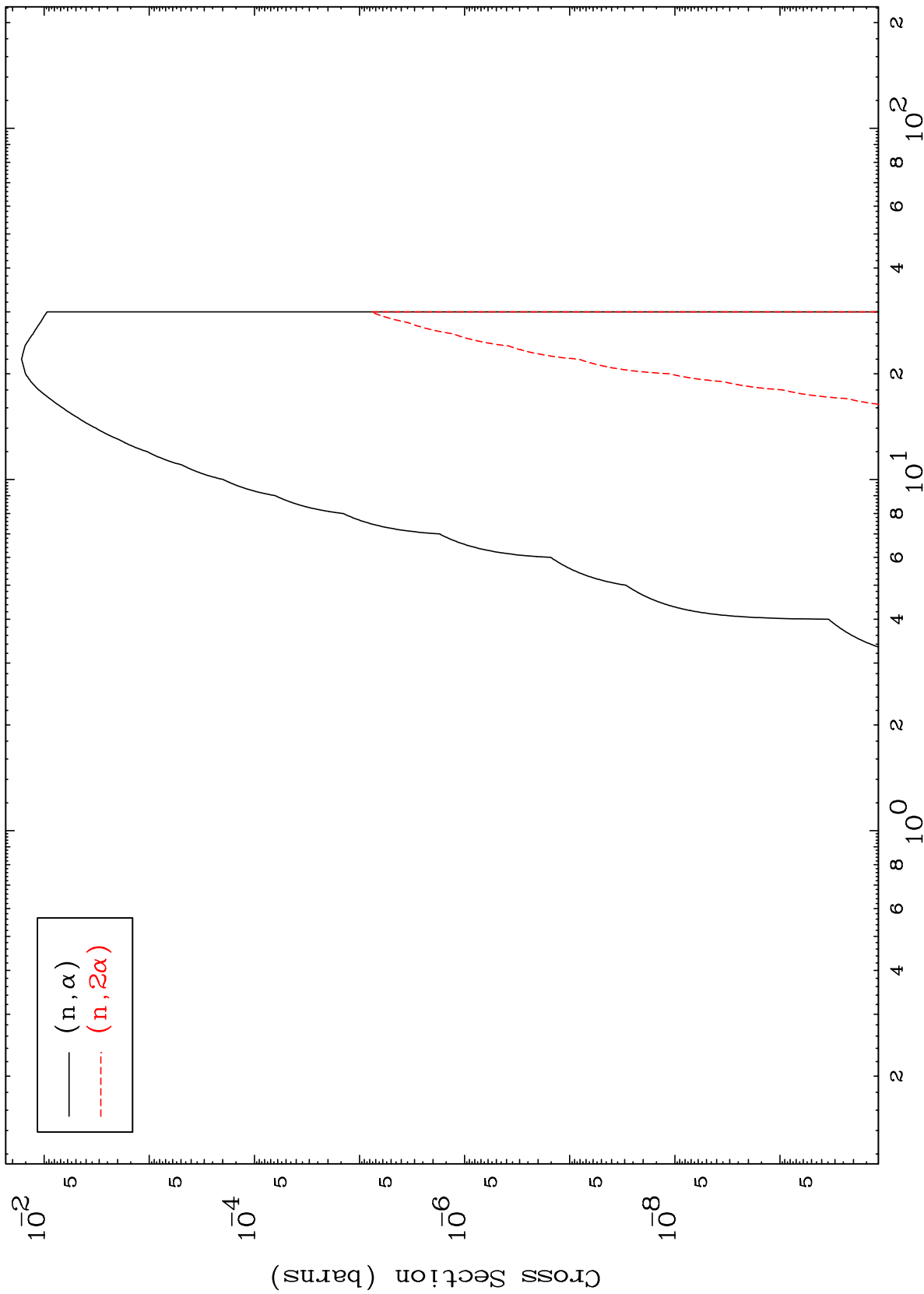
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

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



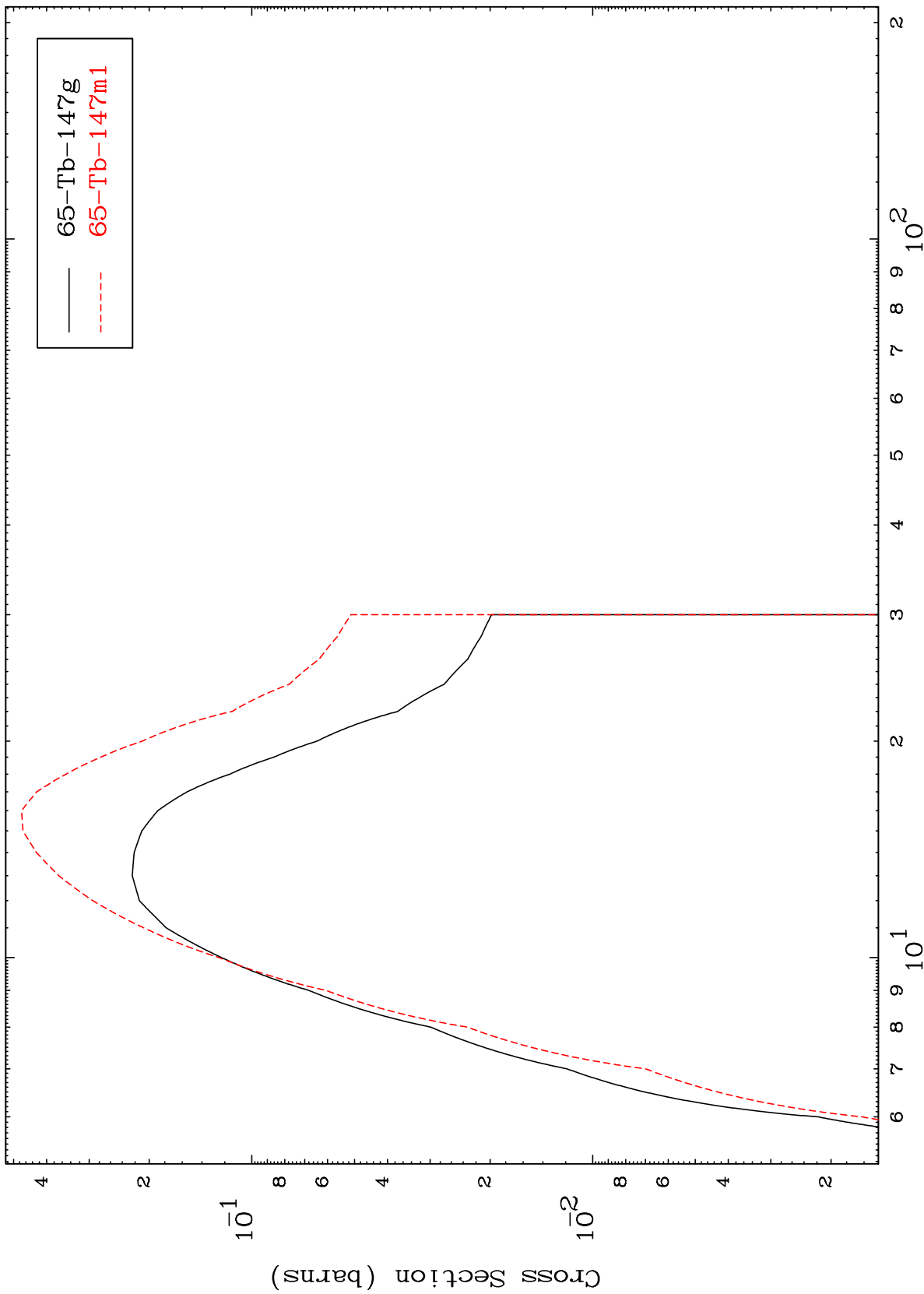
64-Gd-147

Incident Energy (MeV)

MAT 6410

64-Gd-147

Inelastic  
Radionuclide Production Cross Section



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

12

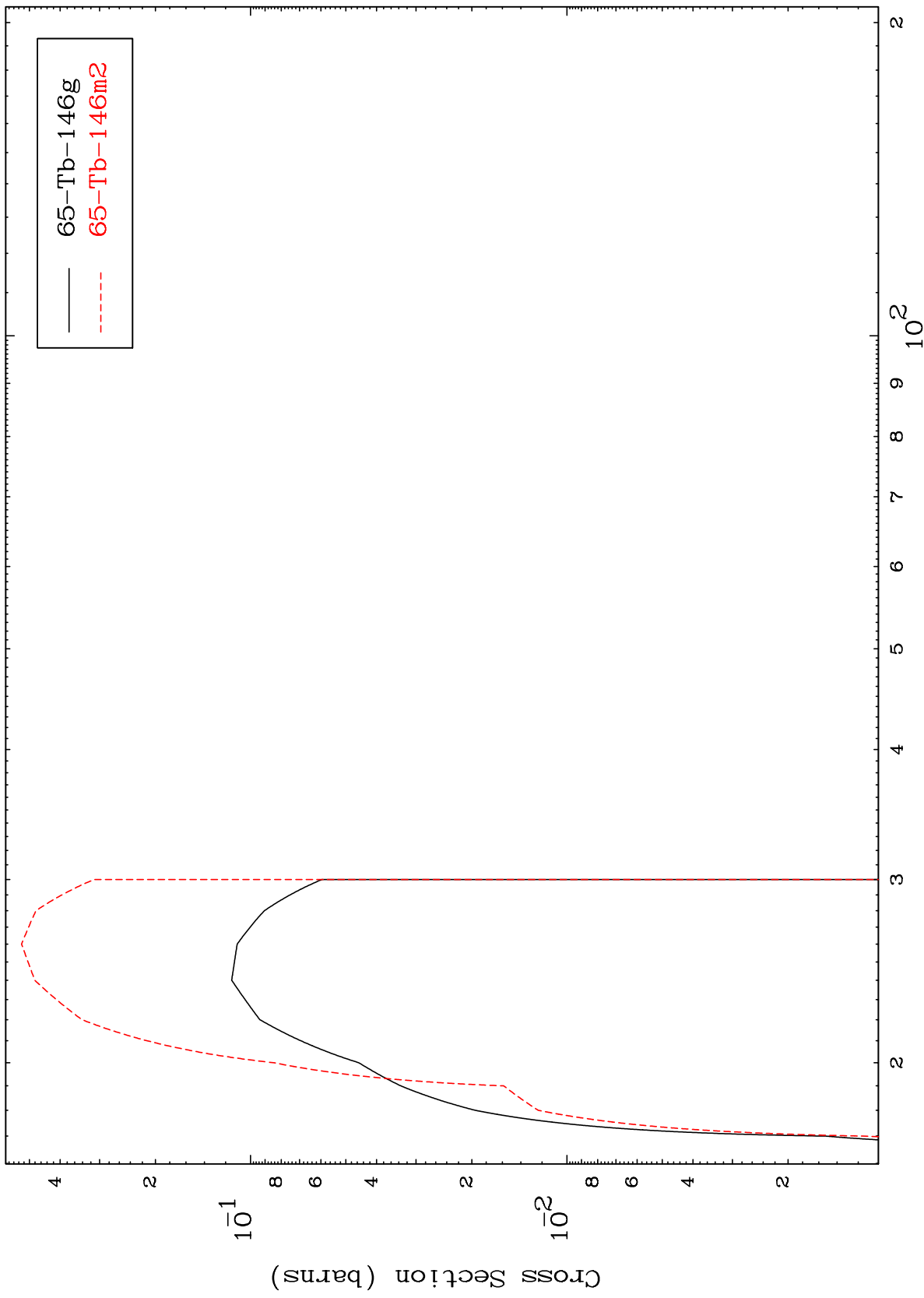
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

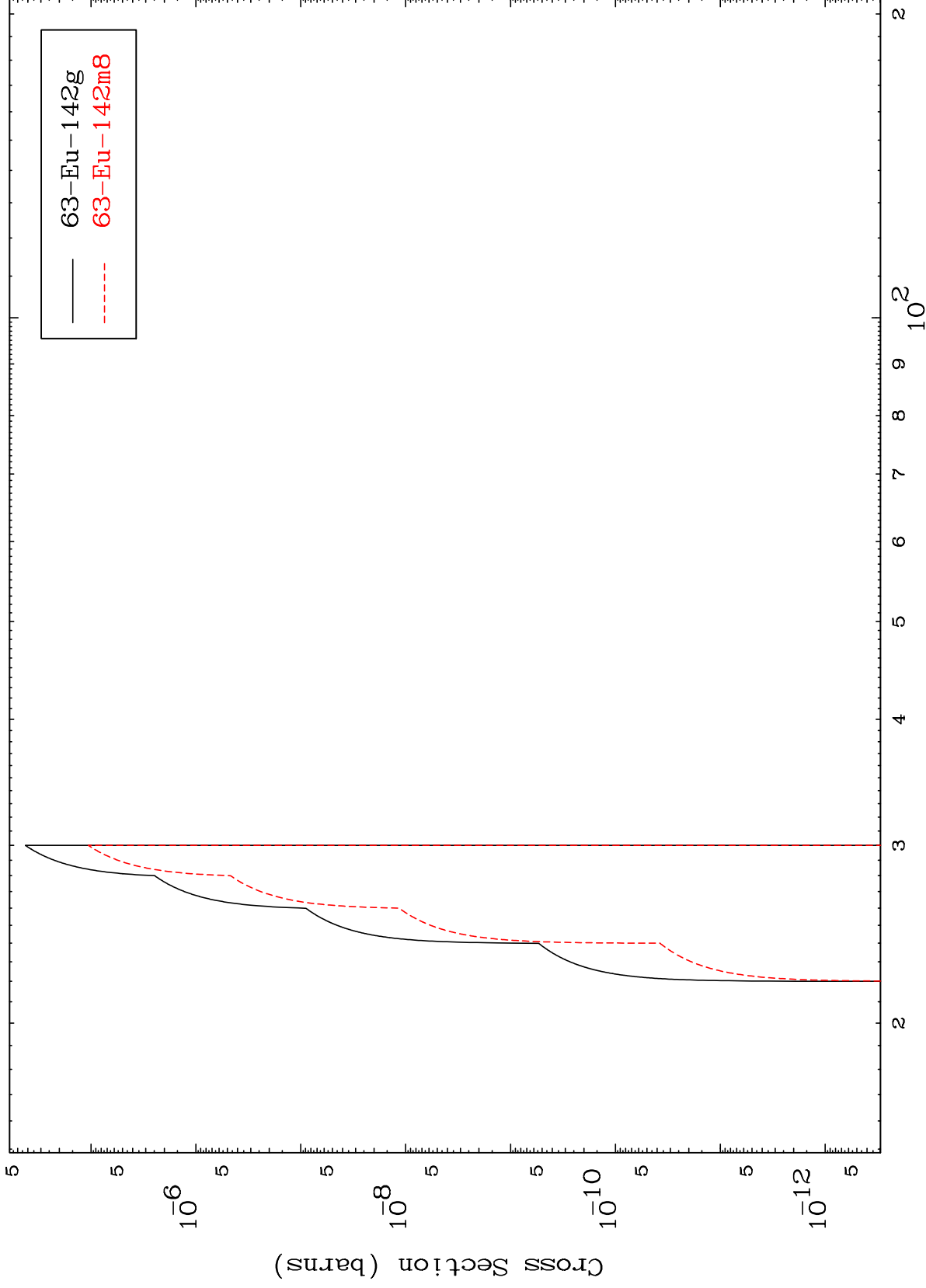
64-Gd-147

MAT 6410

(n,2n)  $\alpha$

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

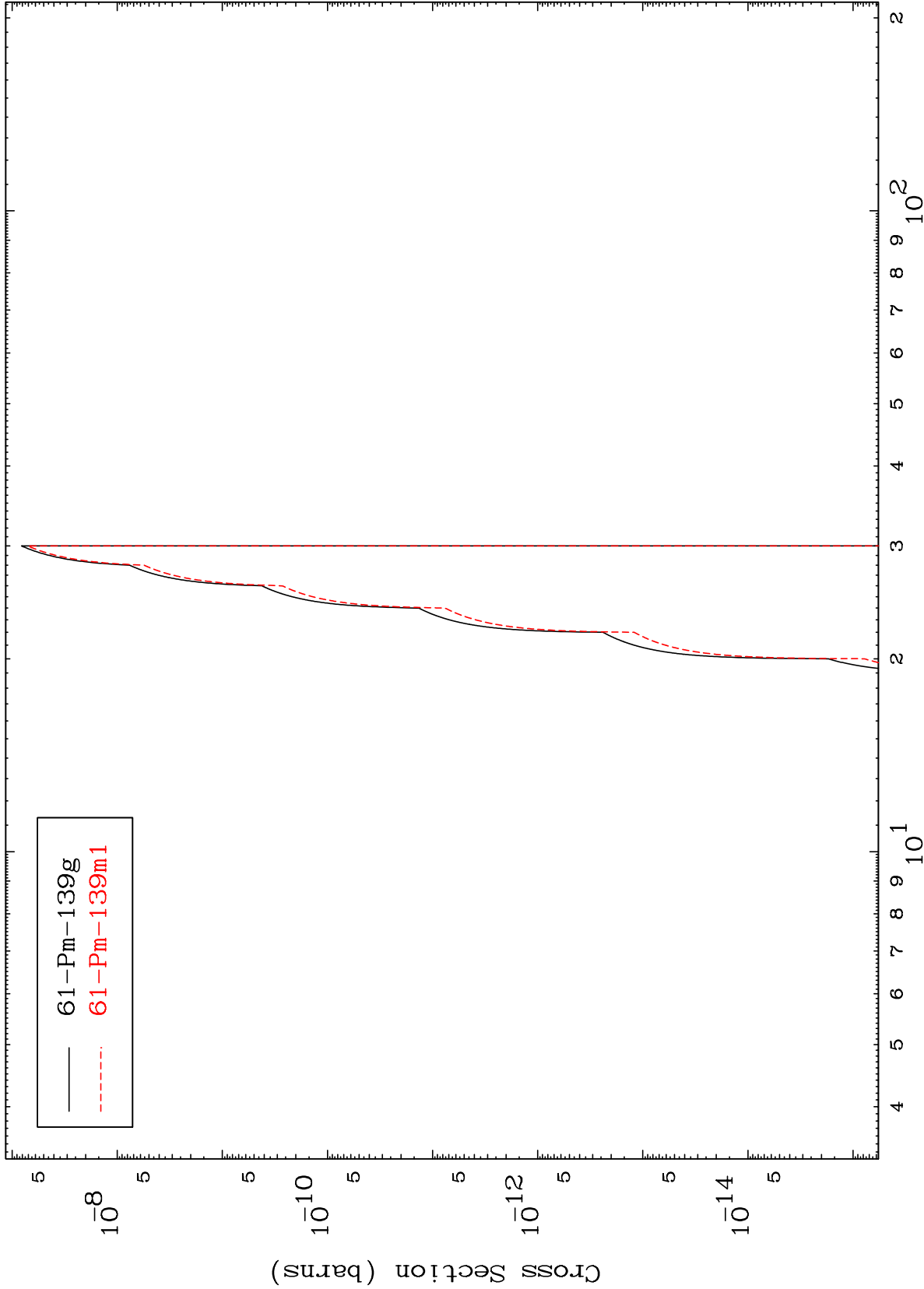
64-Gd-147

MAT 6410

$(n, n')$   $2\alpha$

64-Gd-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

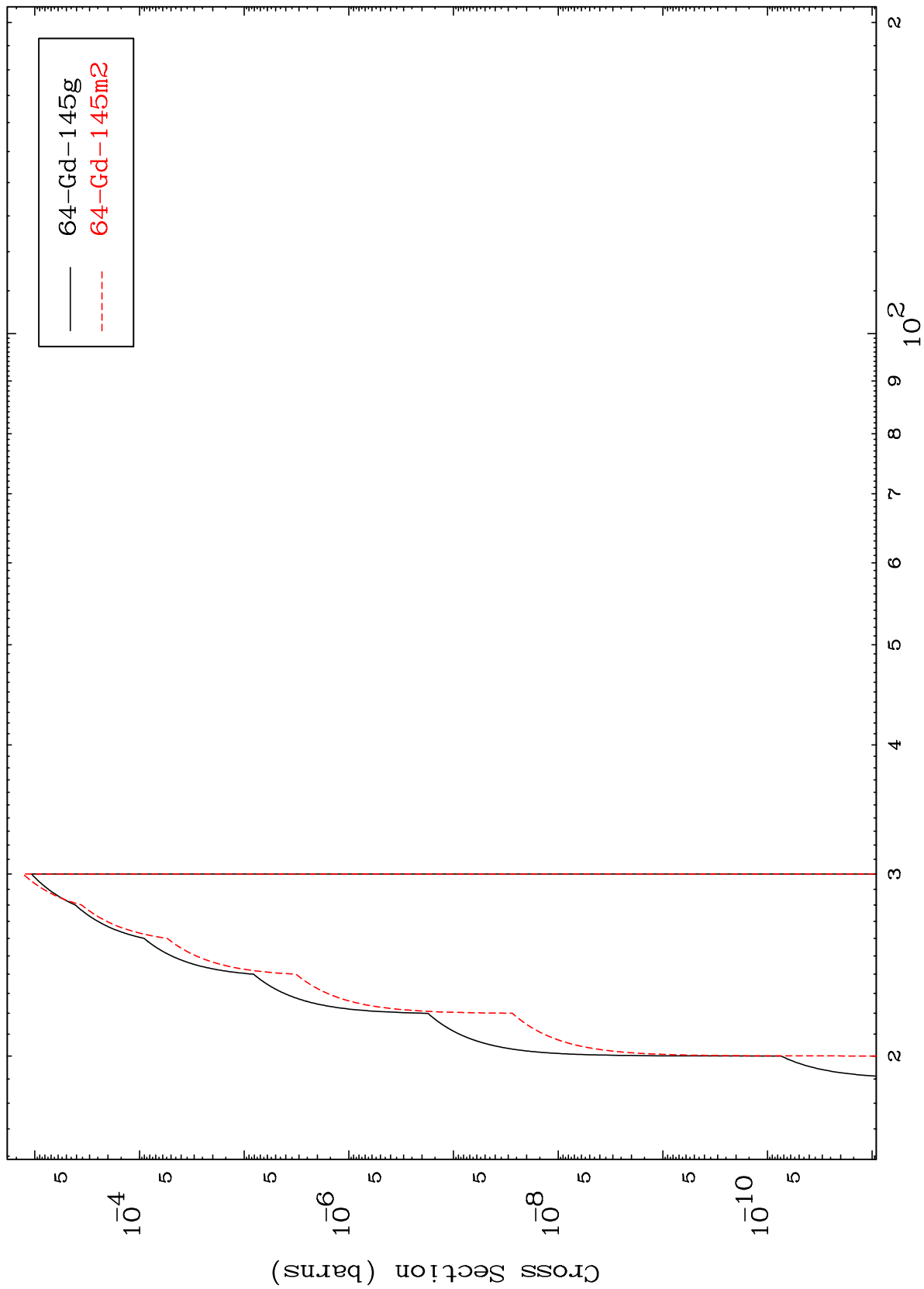
64-Gd-147

MAT 6410

(n,n') d

64-Gd-147

Radionuclide Production Cross Section



16

Incident Energy (MeV)

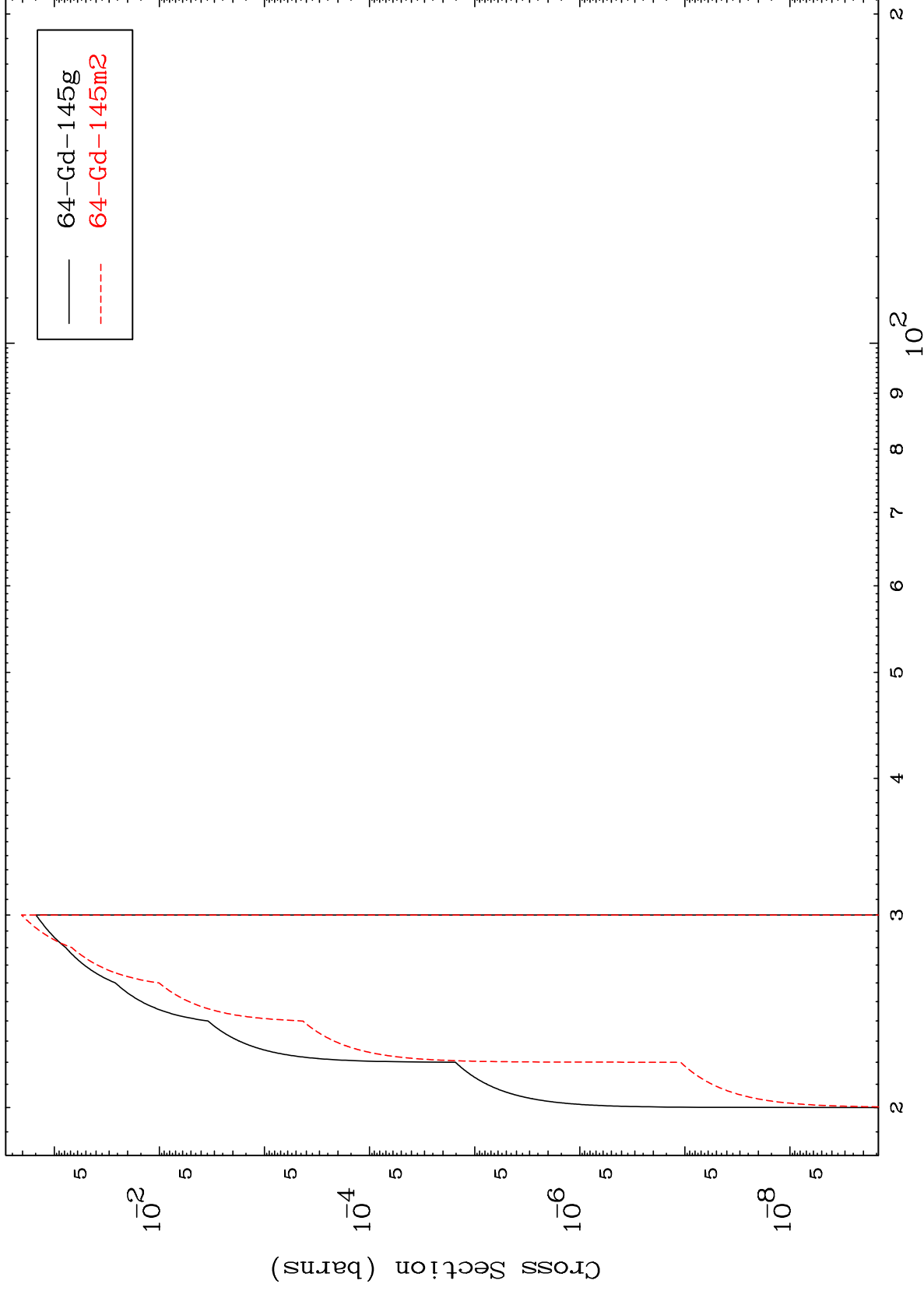
64-Gd-147

MAT 6410

(n,2n) p

64-Gd-147

Radionuclide Production Cross Section



17

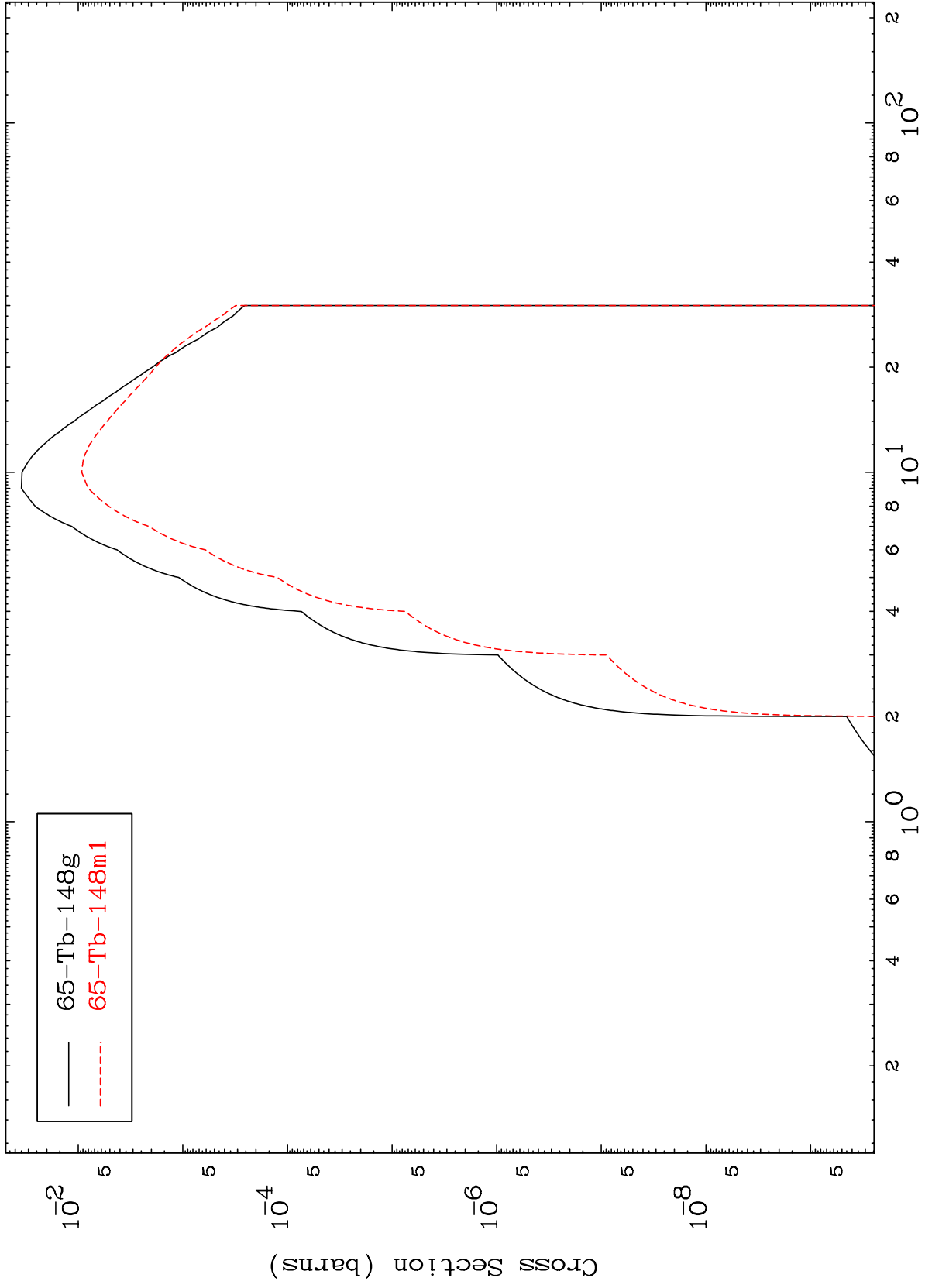
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

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

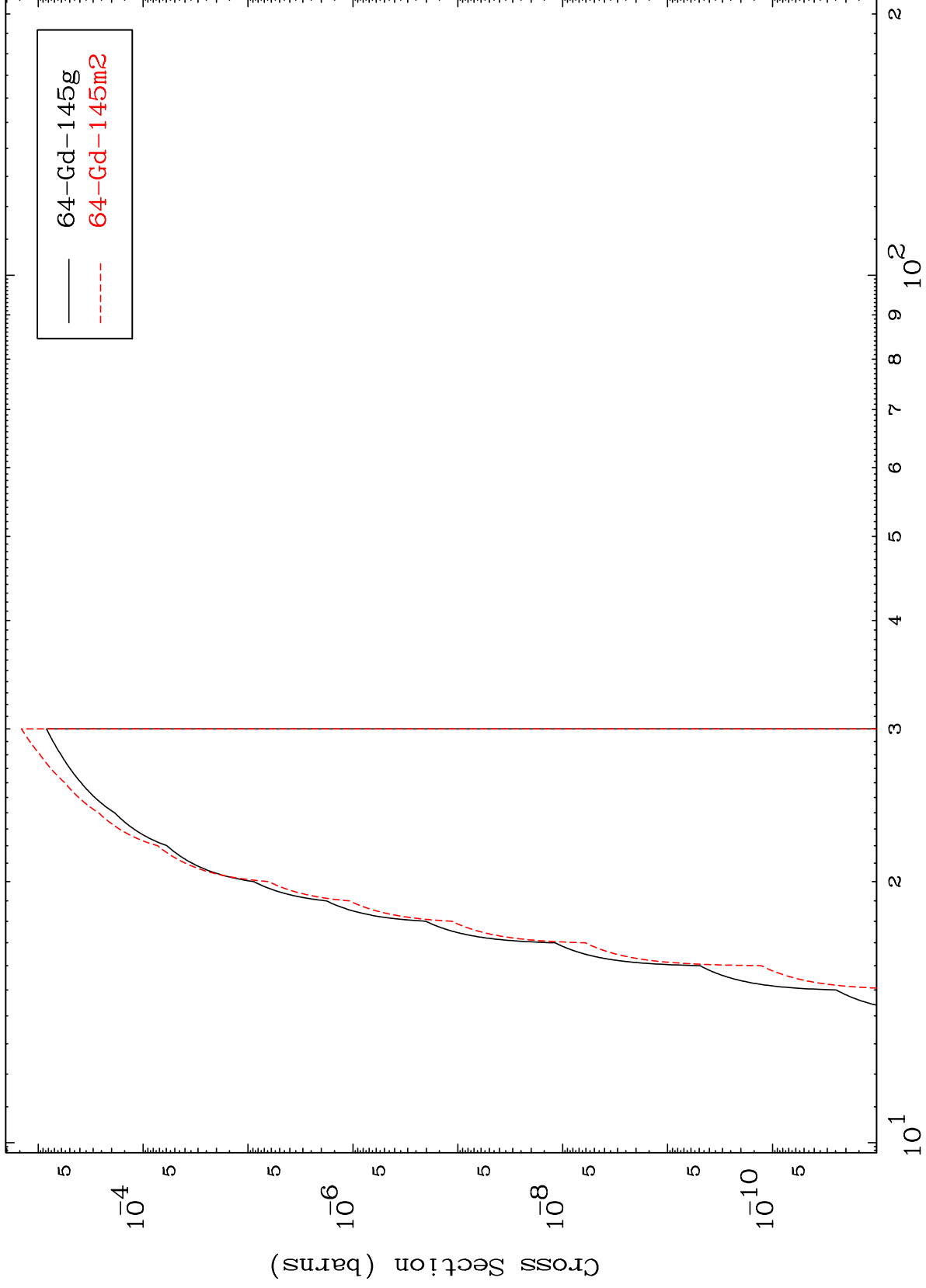


— 65-Tb-148g  
- - - 65-Tb-148m1

MAT 6410

64-Gd-147

(n,t)  
Radionuclide Production Cross Section



64-Gd-147

Incident Energy (MeV)

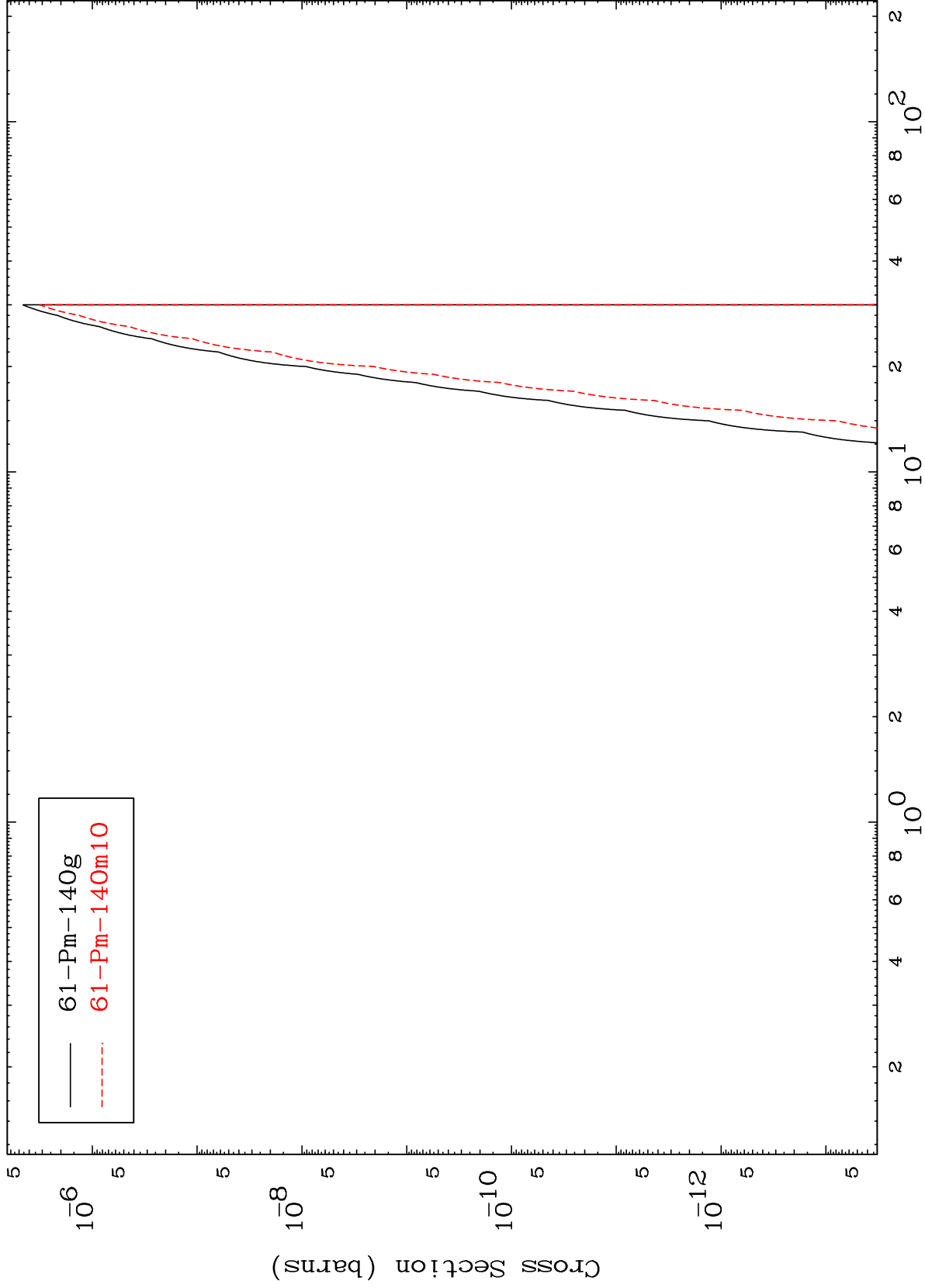
19

MAT 6410

(n,2α)

64-Gd-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

64-Gd-147

MAT 6410

(n,p)  $\alpha$

64-Gd-147

Radionuclide Production Cross Section

