

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

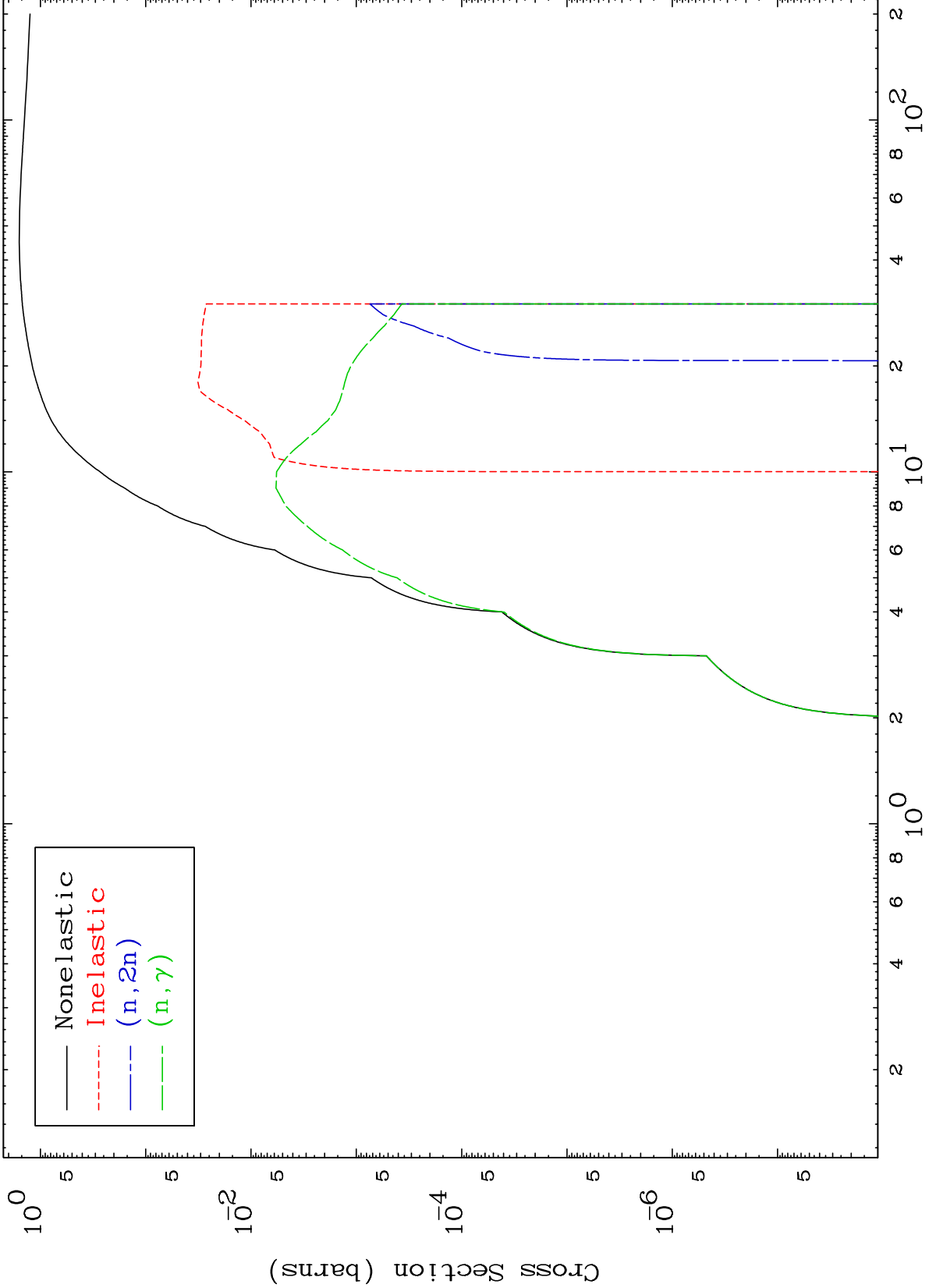
Press Mouse Button to Start

MAT 6471

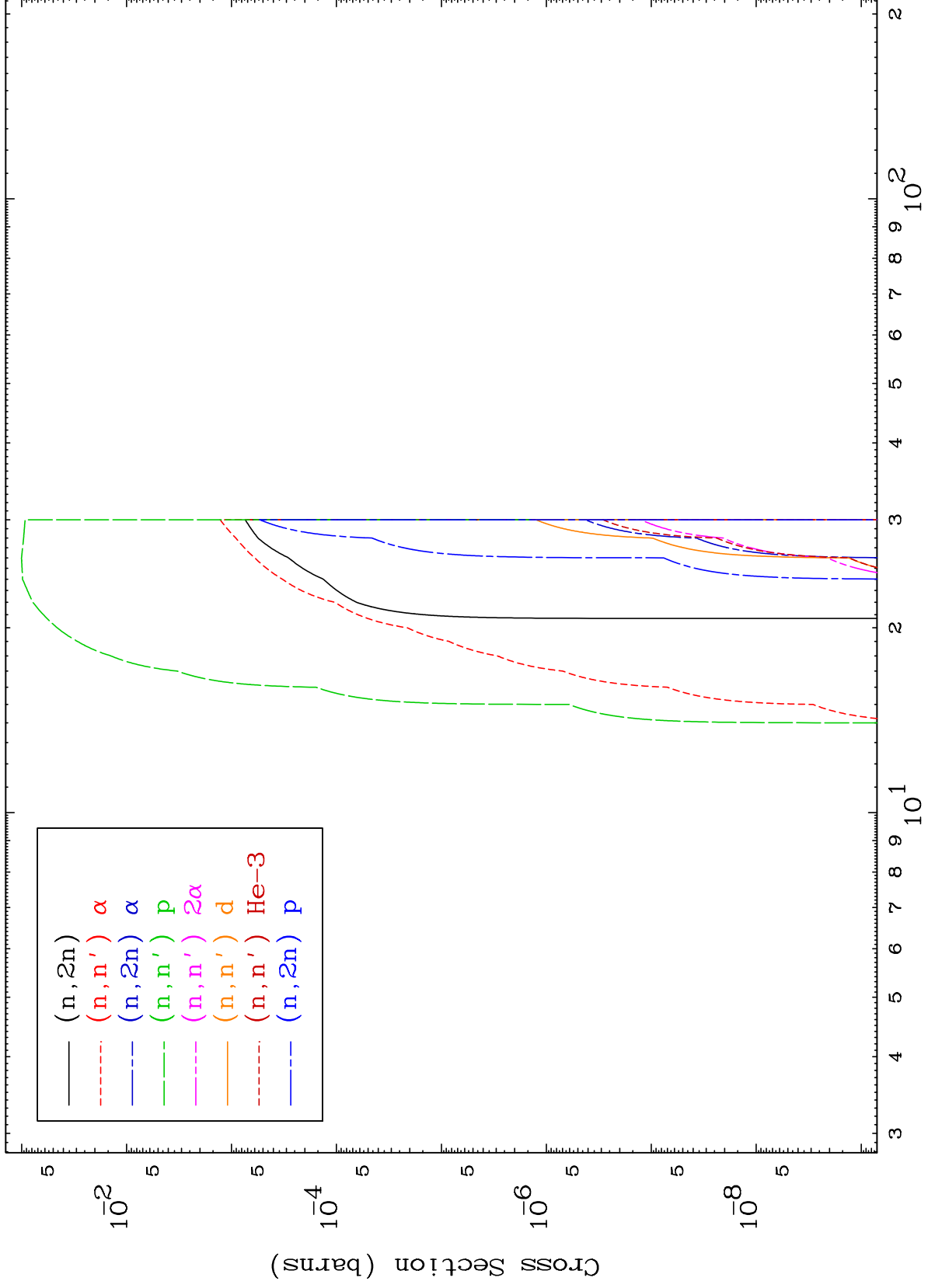
Proton Major

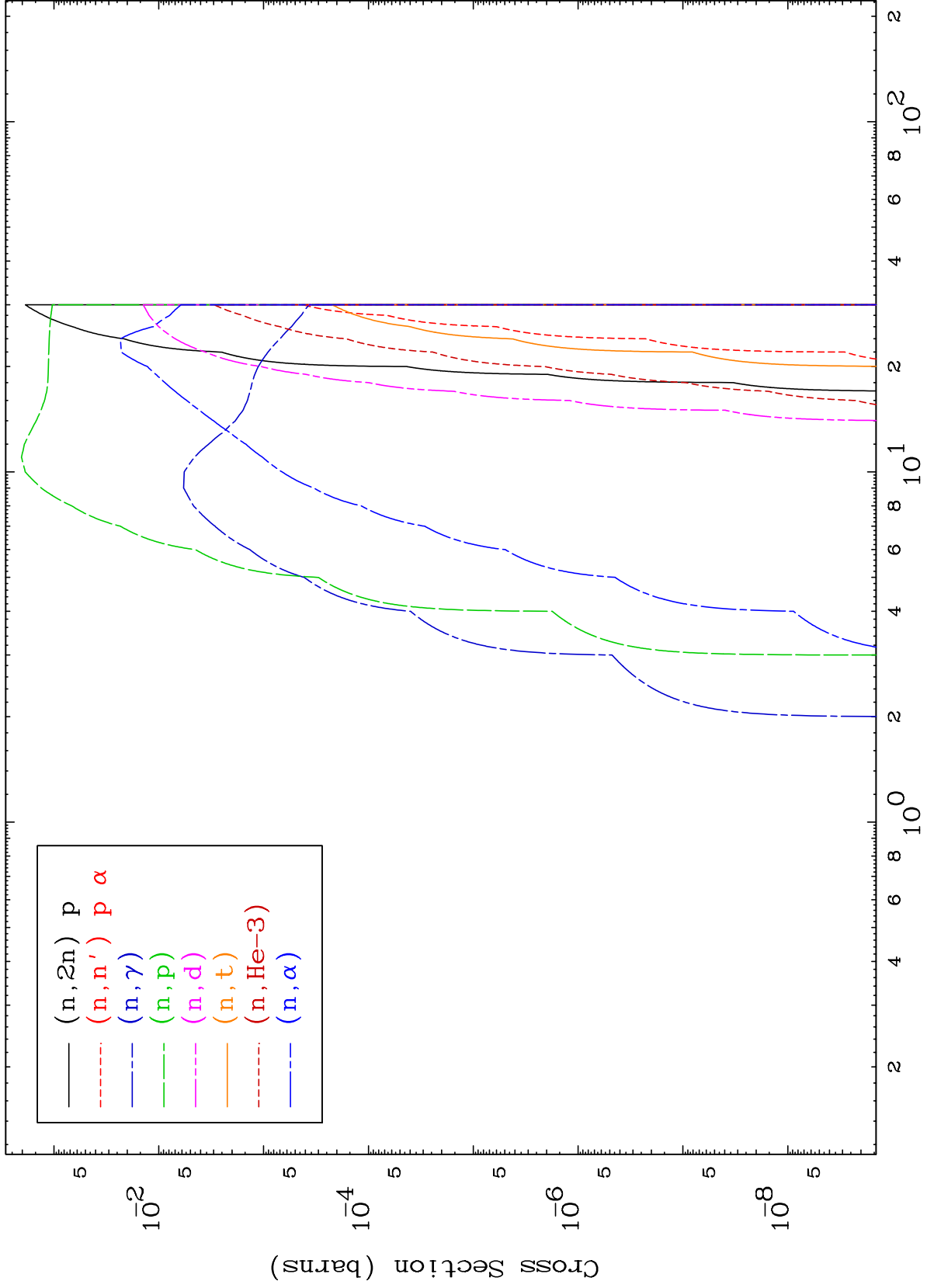
65-Tb-141

0 Kelvin Cross Sections



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)

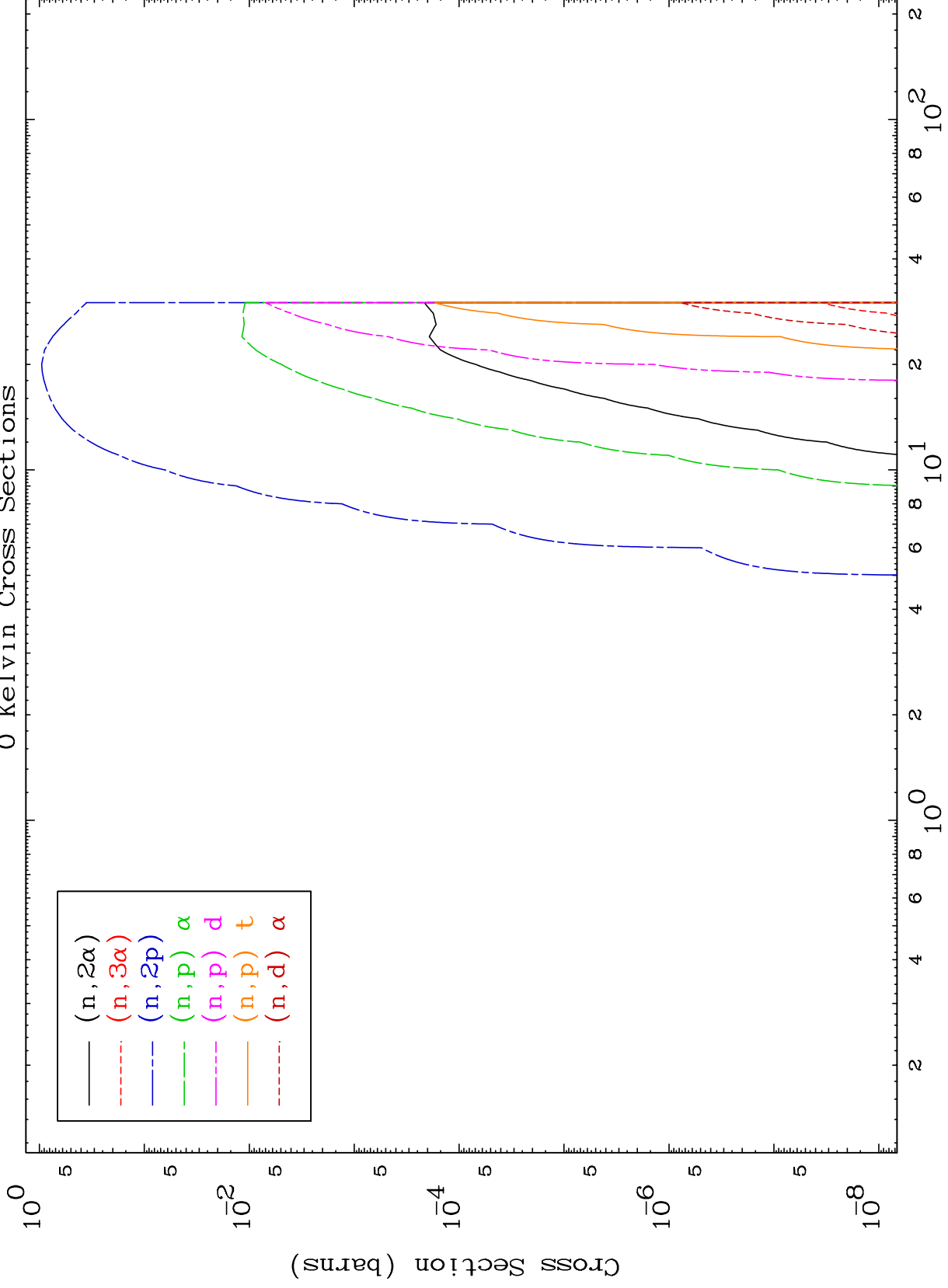




MAT 6471

Proton Neutron Absorption  
0 Kelvin Cross Sections

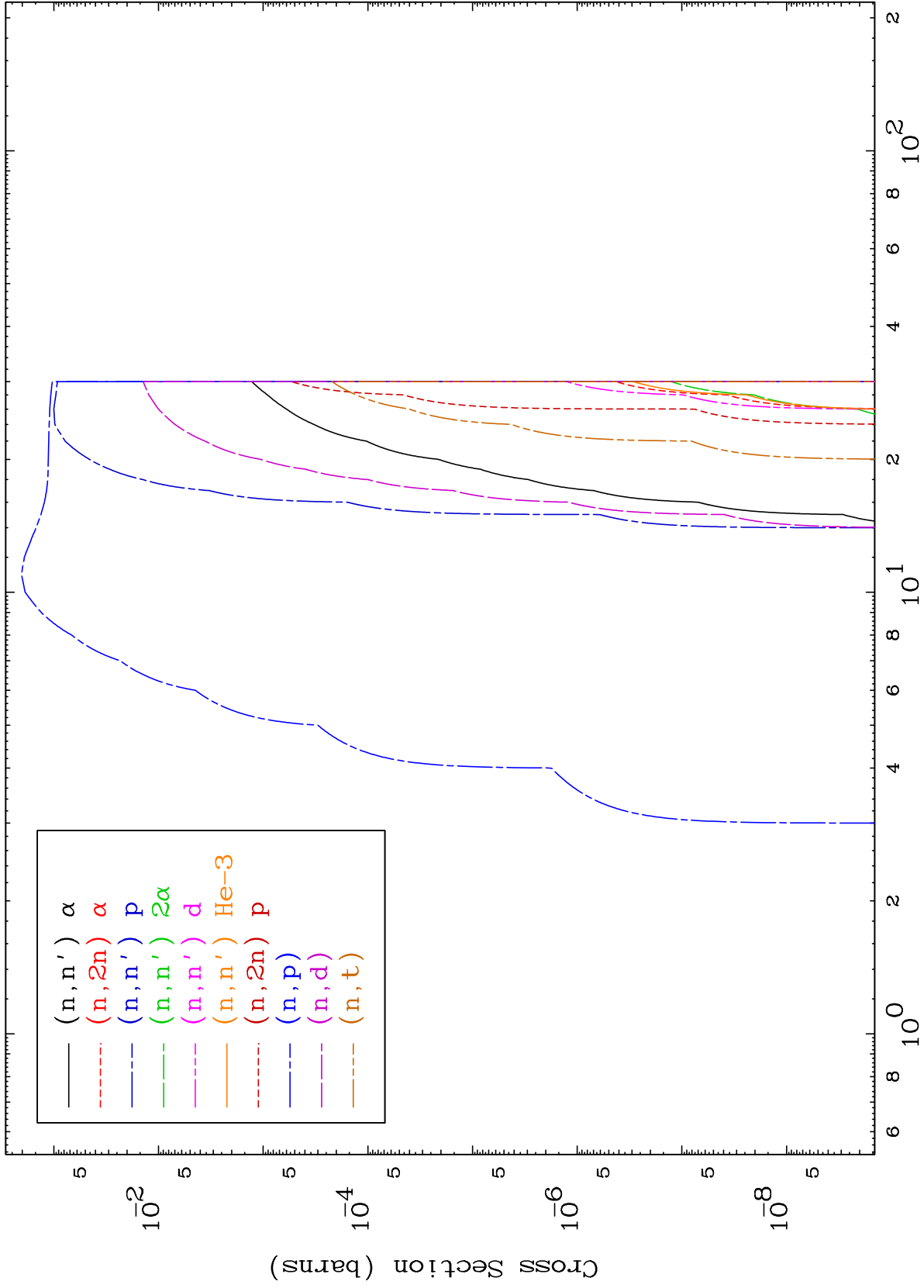
65-Tb-141



MAT 6471

Proton Charged Particle  
0 Kelvin Cross Sections

65-Tb-141



5

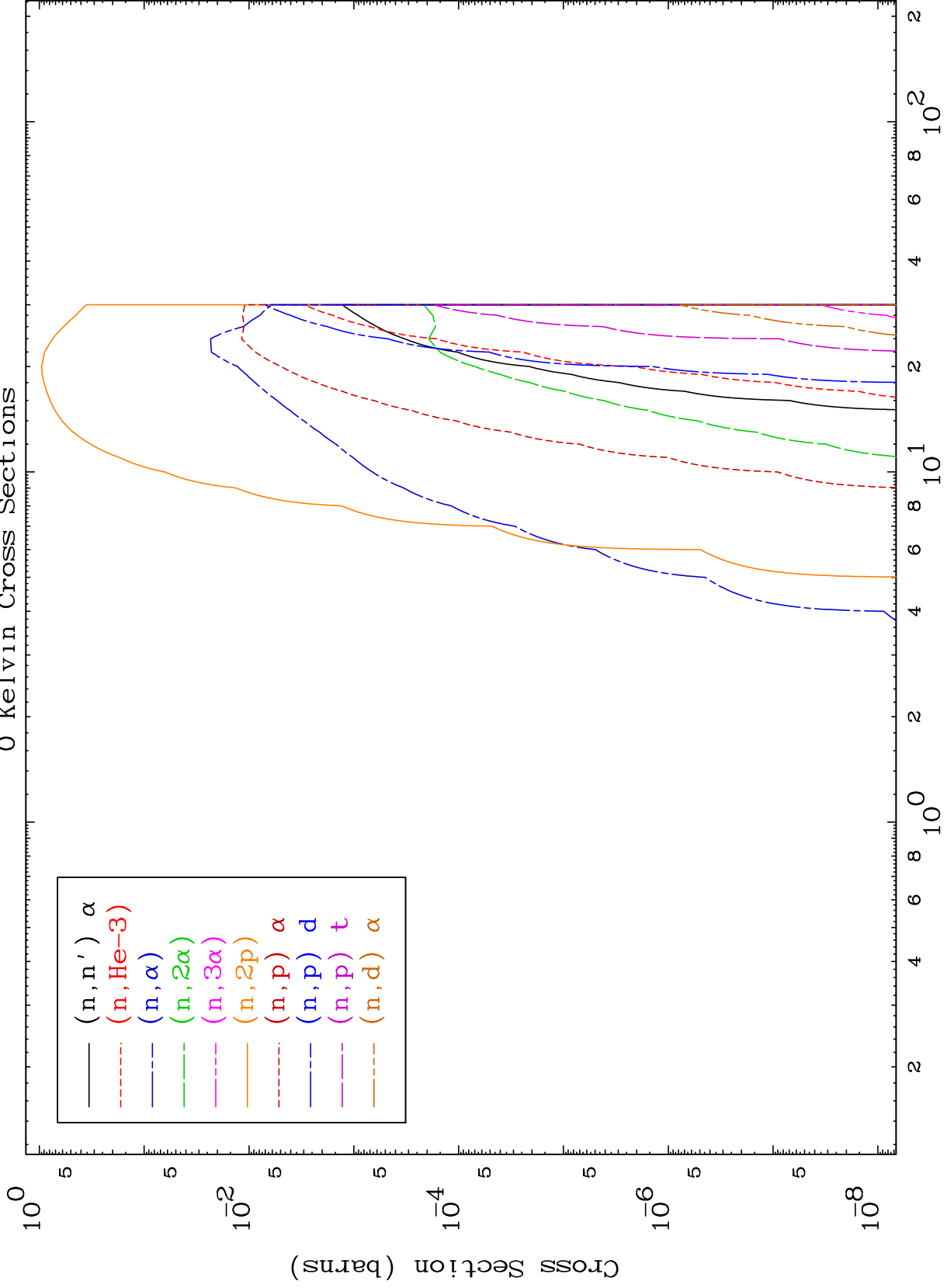
Incident Energy (MeV)

65-Tb-141

MAT 6471

Proton Charged Particle  
0 Kelvin Cross Sections

65-Tb-141



6

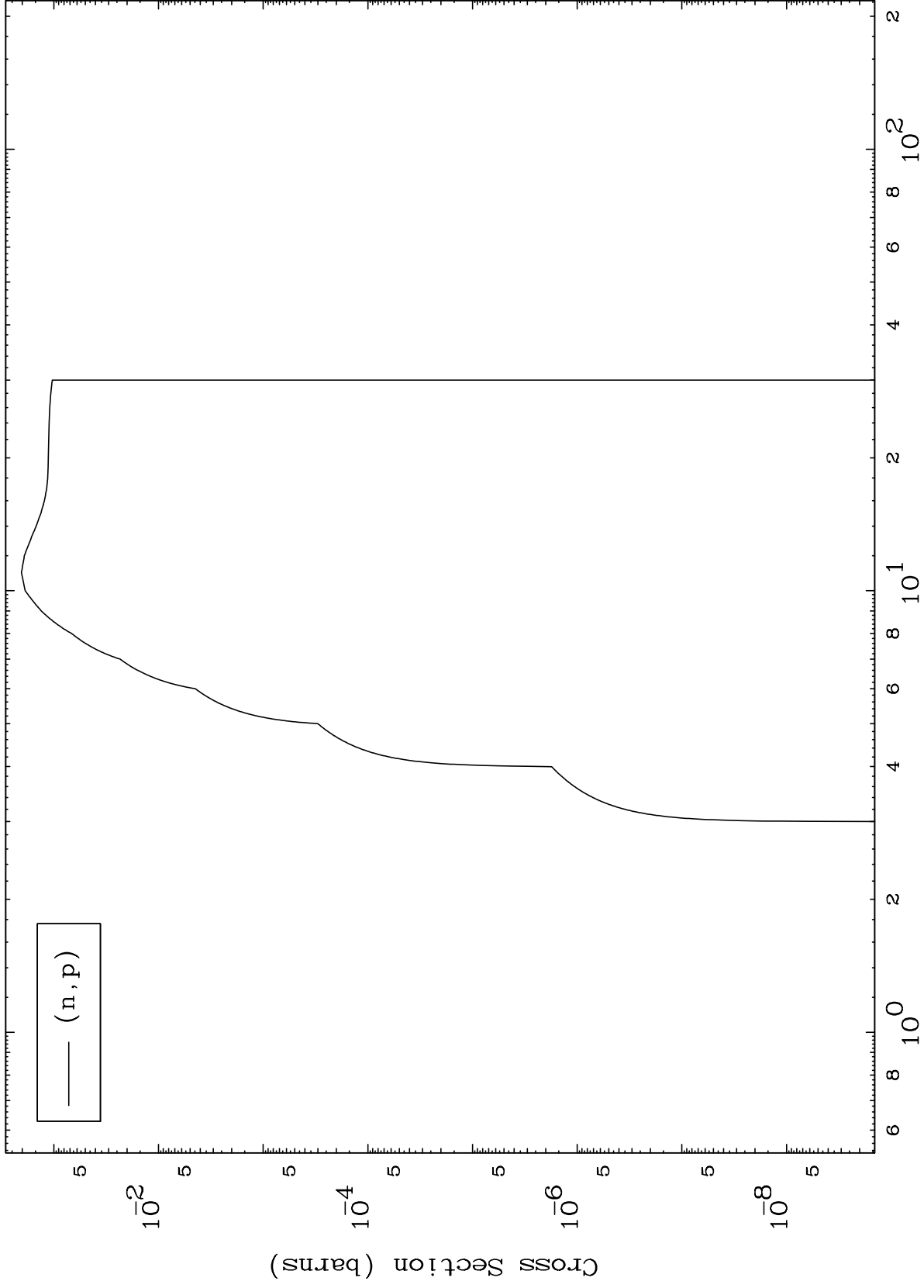
Incident Energy (MeV)

65-Tb-141

MAT 6471

65-Tb-141

(p,p) Levels  
0 Kelvin Cross Sections



7

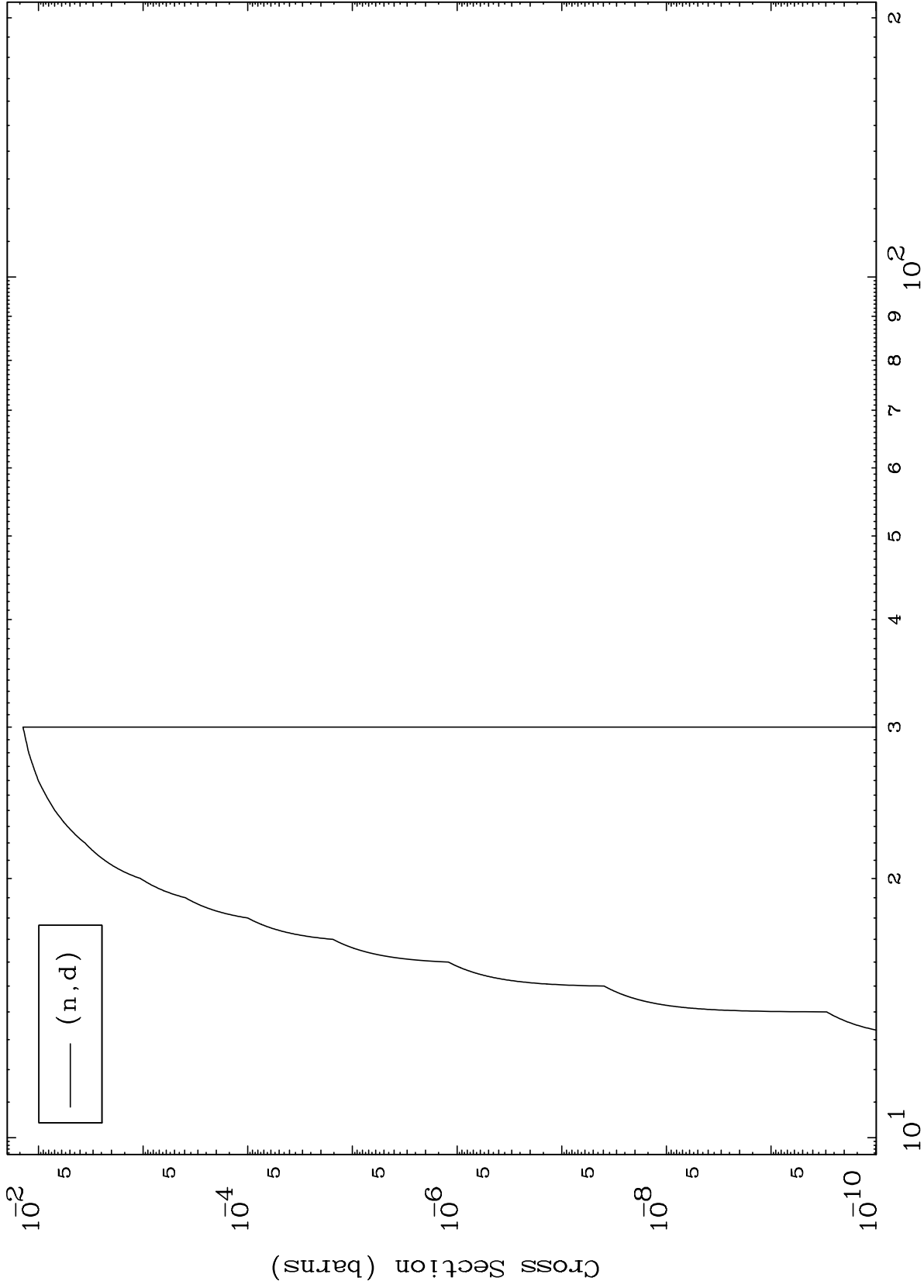
Incident Energy (MeV)

65-Tb-141

MAT 6471

(p,d) Levels  
0 Kelvin Cross Sections

65-Tb-141



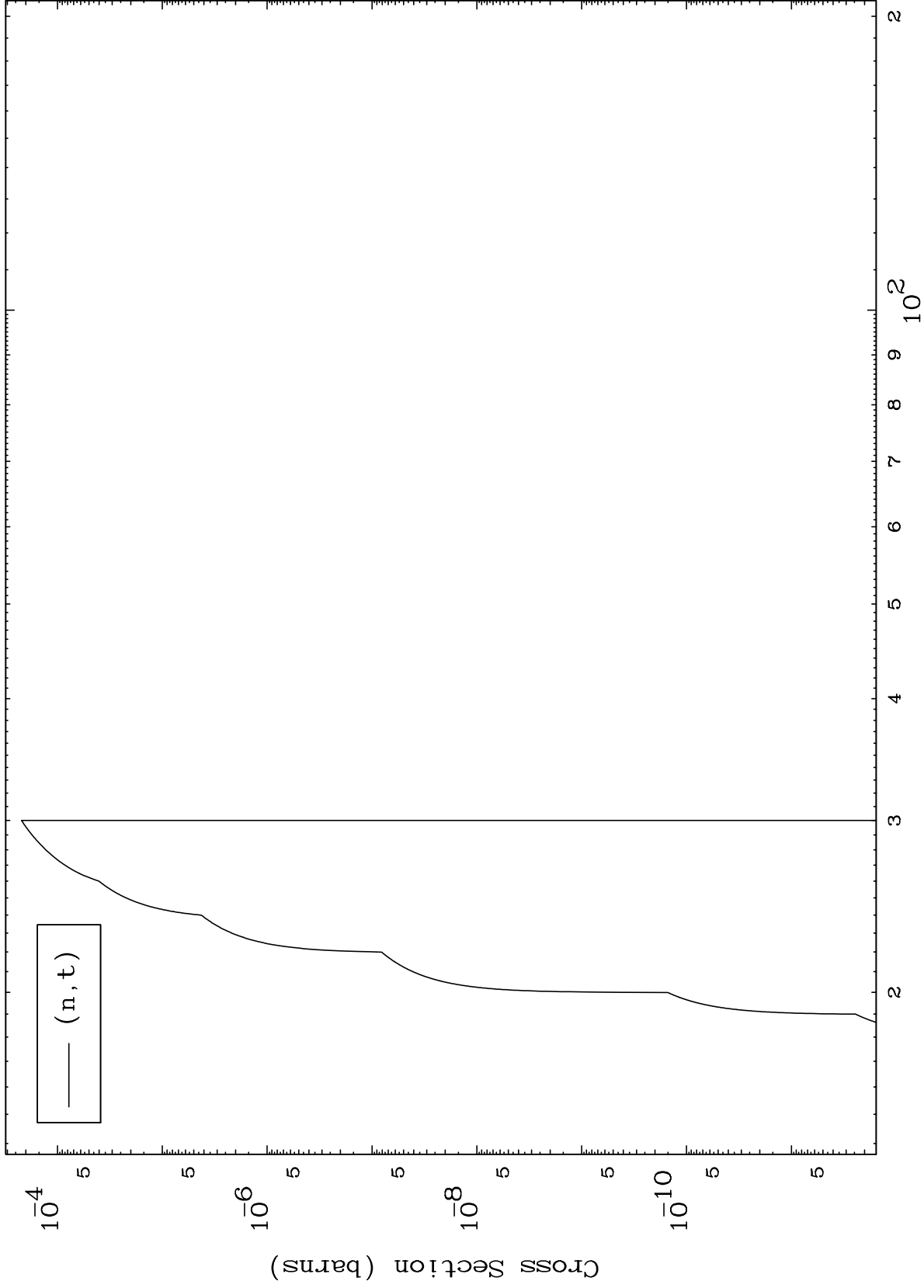
Incident Energy (MeV)

65-Tb-141

MAT 6471

(p,t) Levels  
0 Kelvin Cross Sections

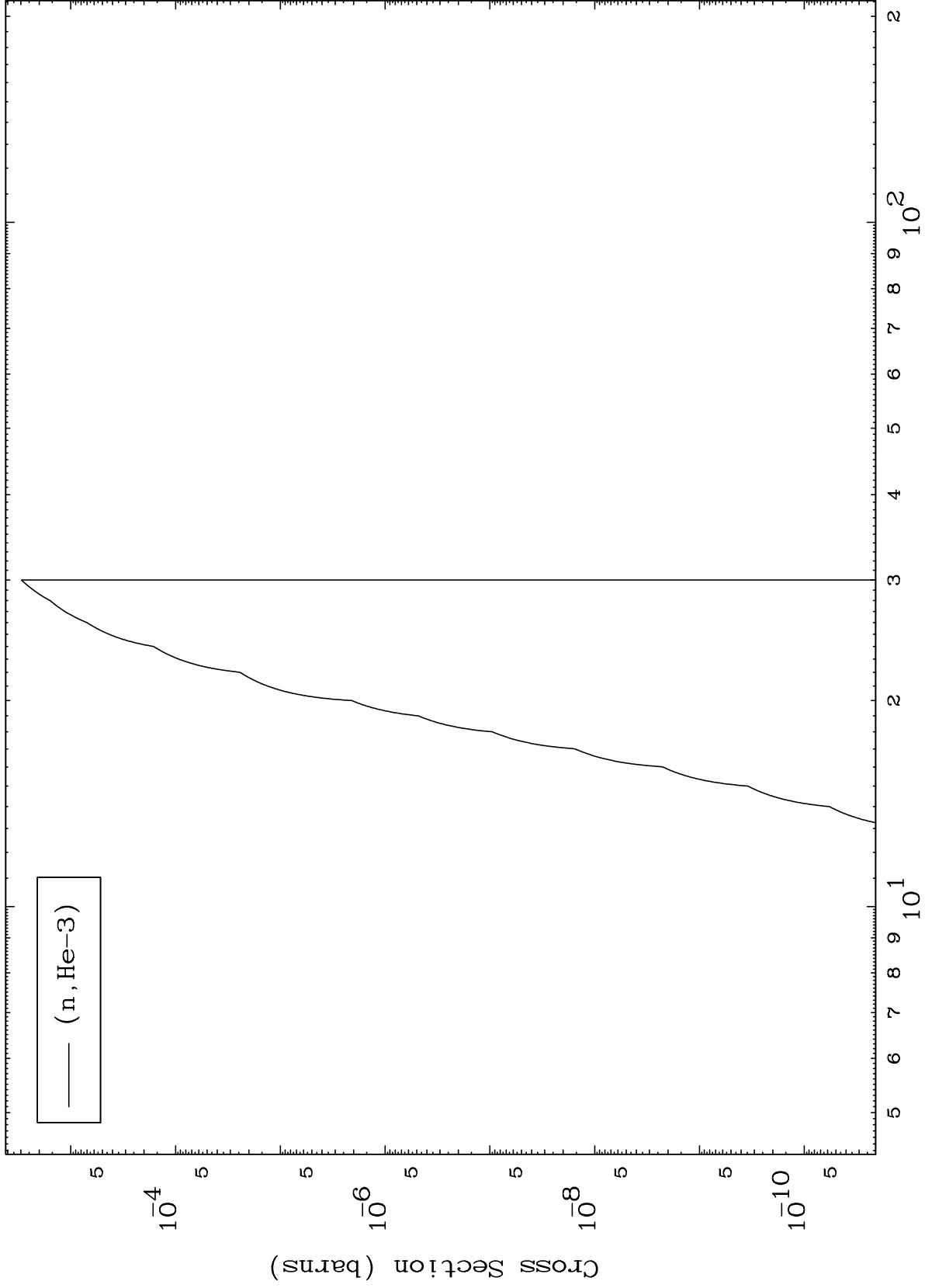
65-Tb-141



MAT 6471

(p,He3) Levels  
0 Kelvin Cross Sections

65-Tb-141



10

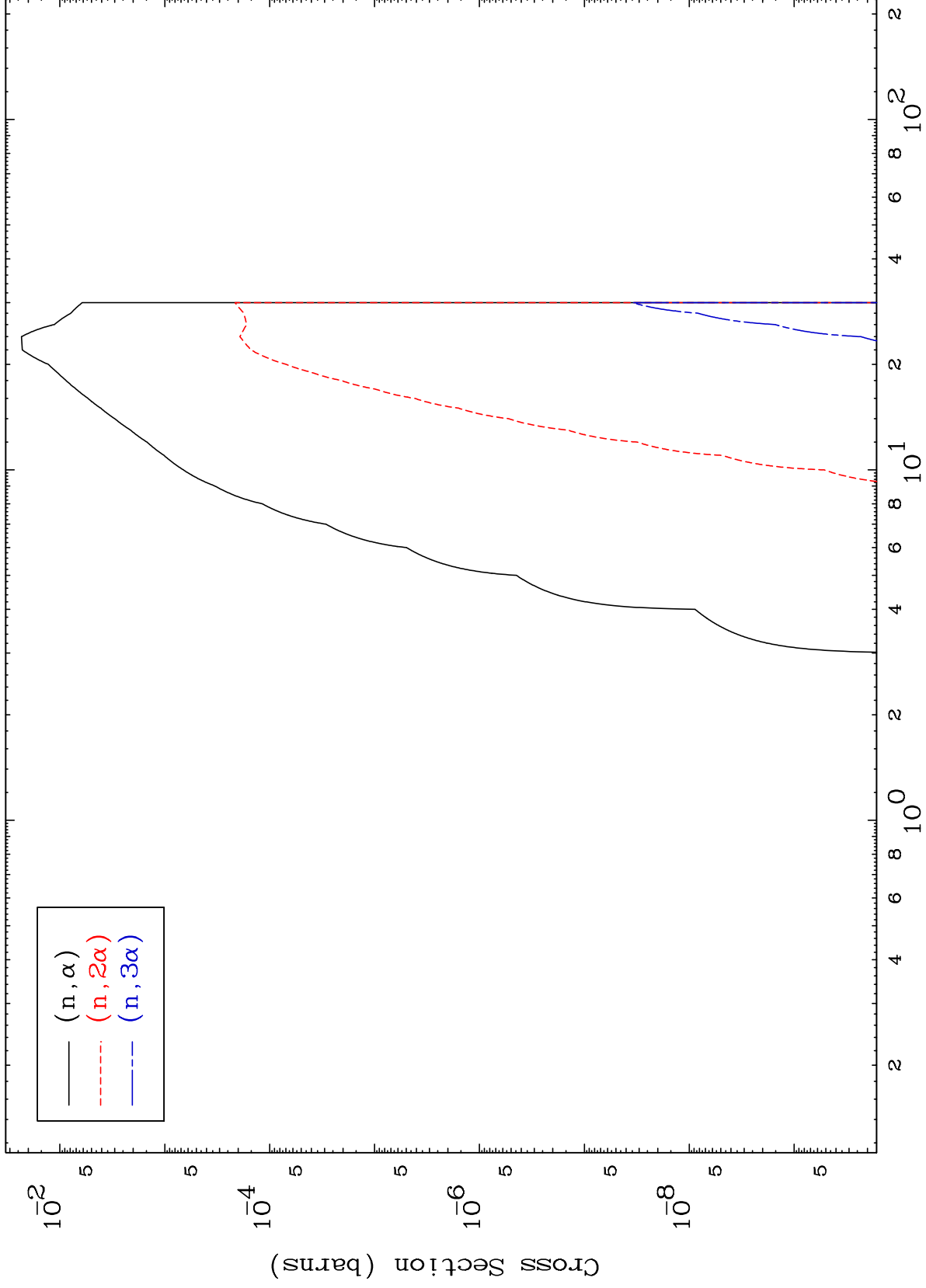
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141

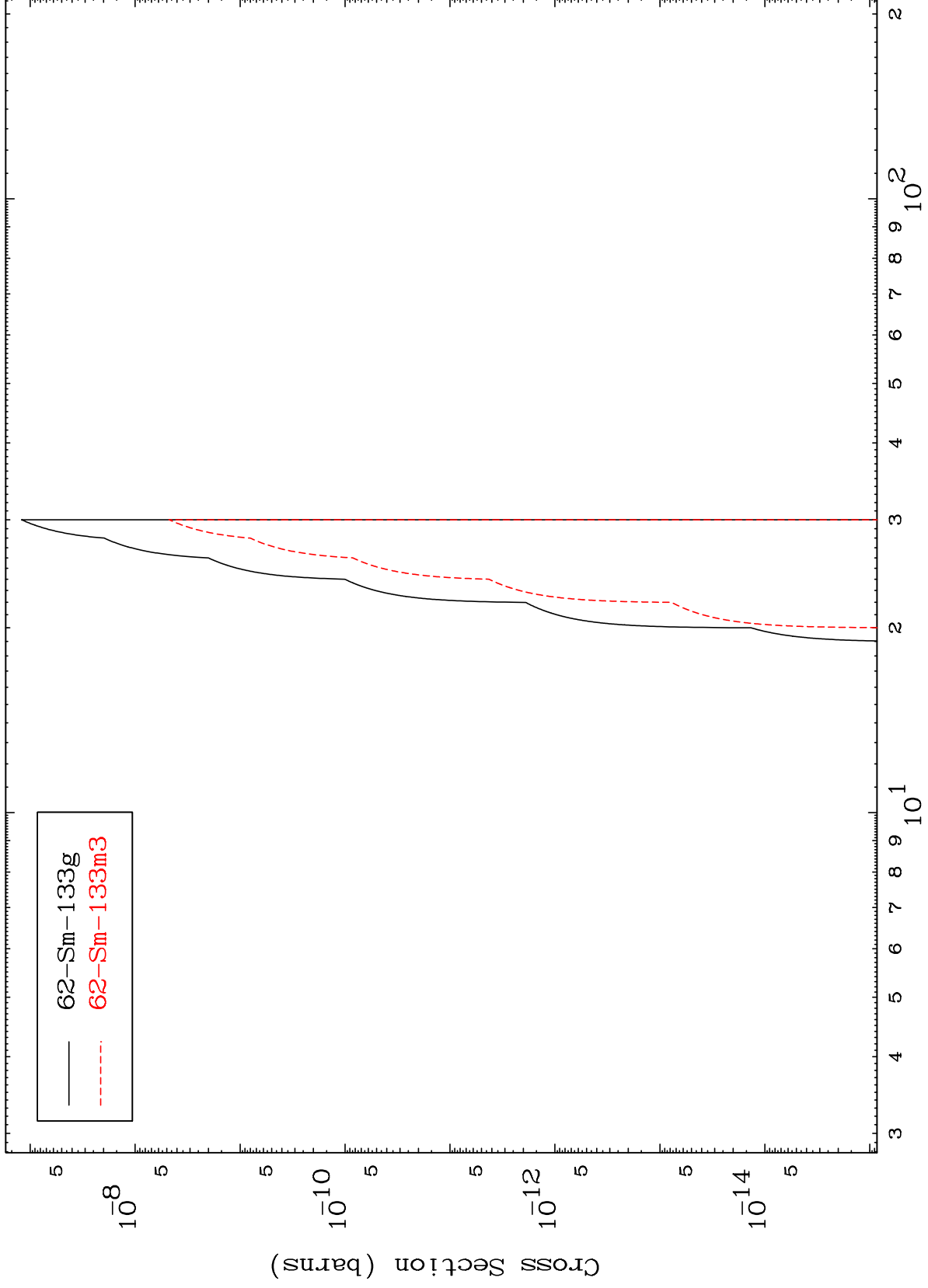


MAT 6471

(n,n') 2α

65-Tb-141

Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3

12

Incident Energy (MeV)

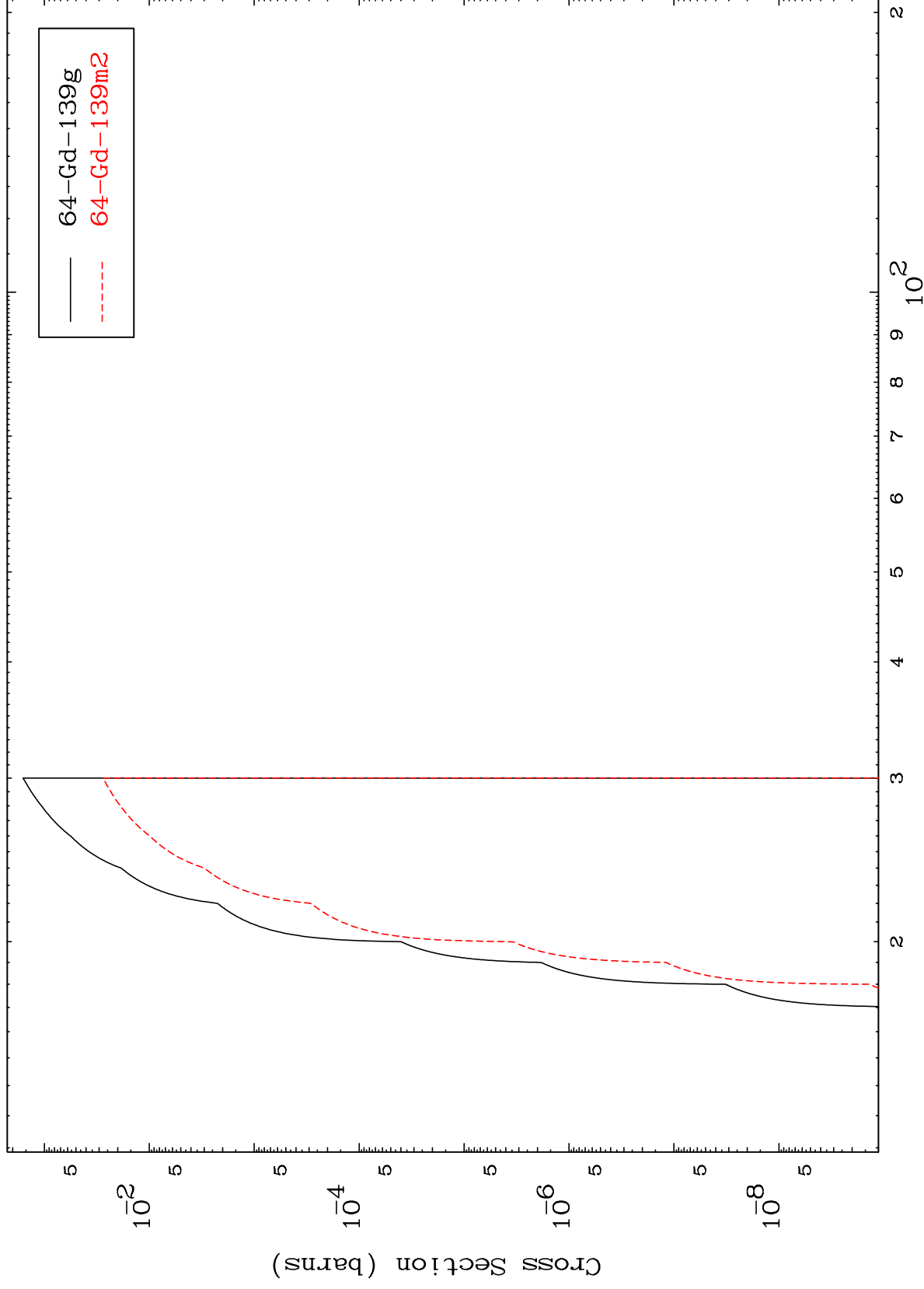
65-Tb-141

MAT 6471

(n,2n) p

65-Tb-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

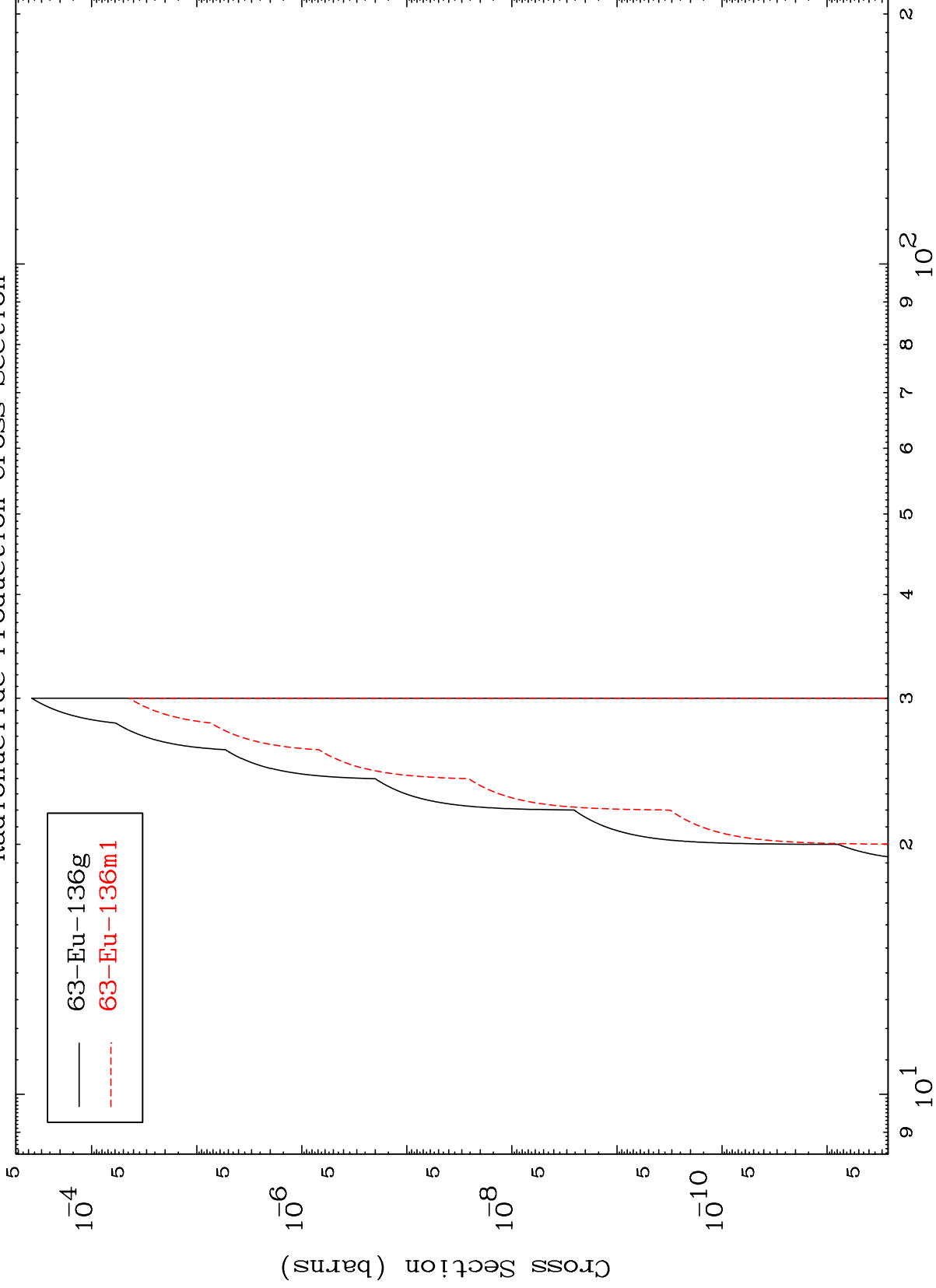
65-Tb-141

MAT 6471

(n,n') p  $\alpha$

65-Tb-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

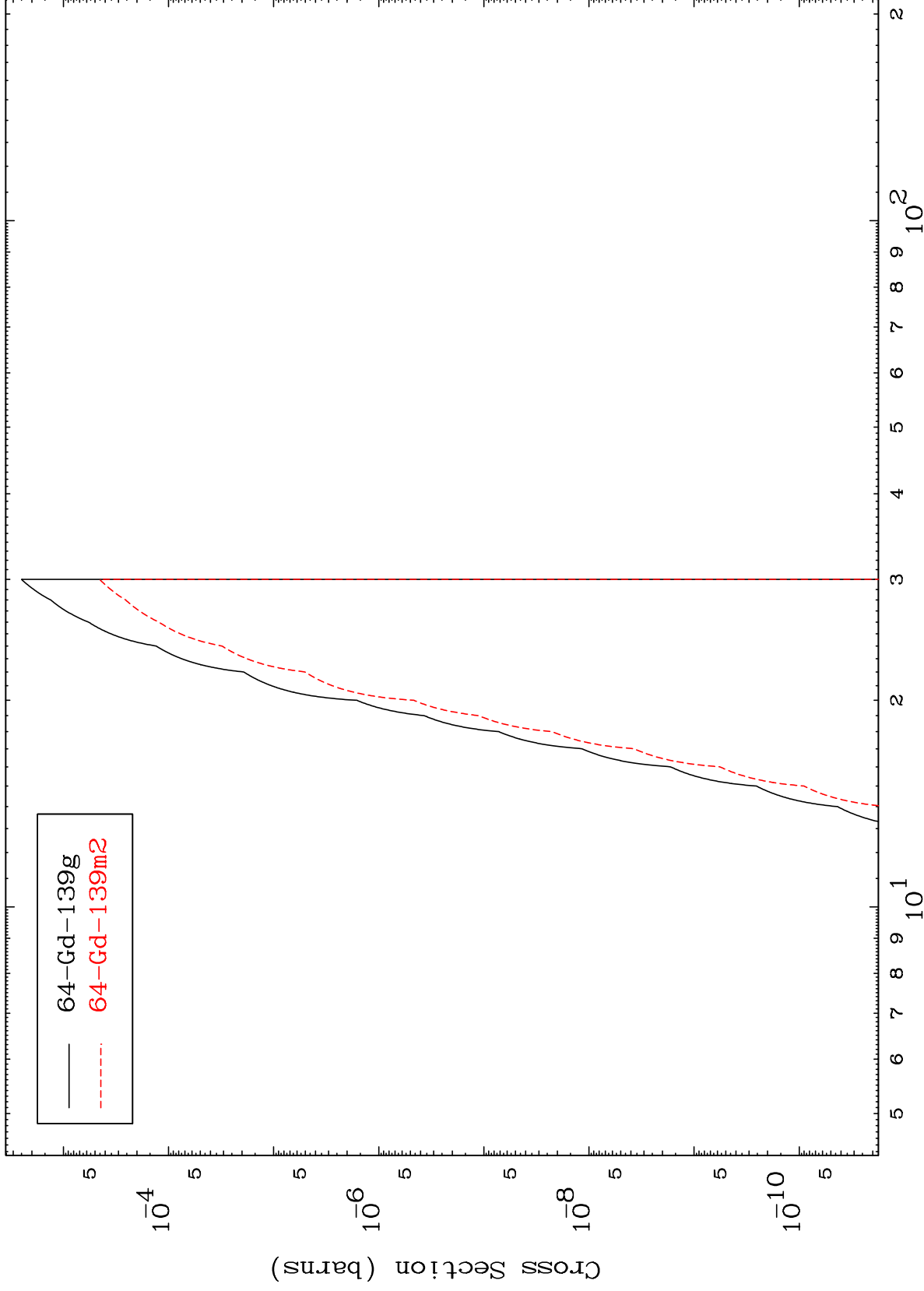
65-Tb-141

MAT 6471

(n,He-3)

65-Tb-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

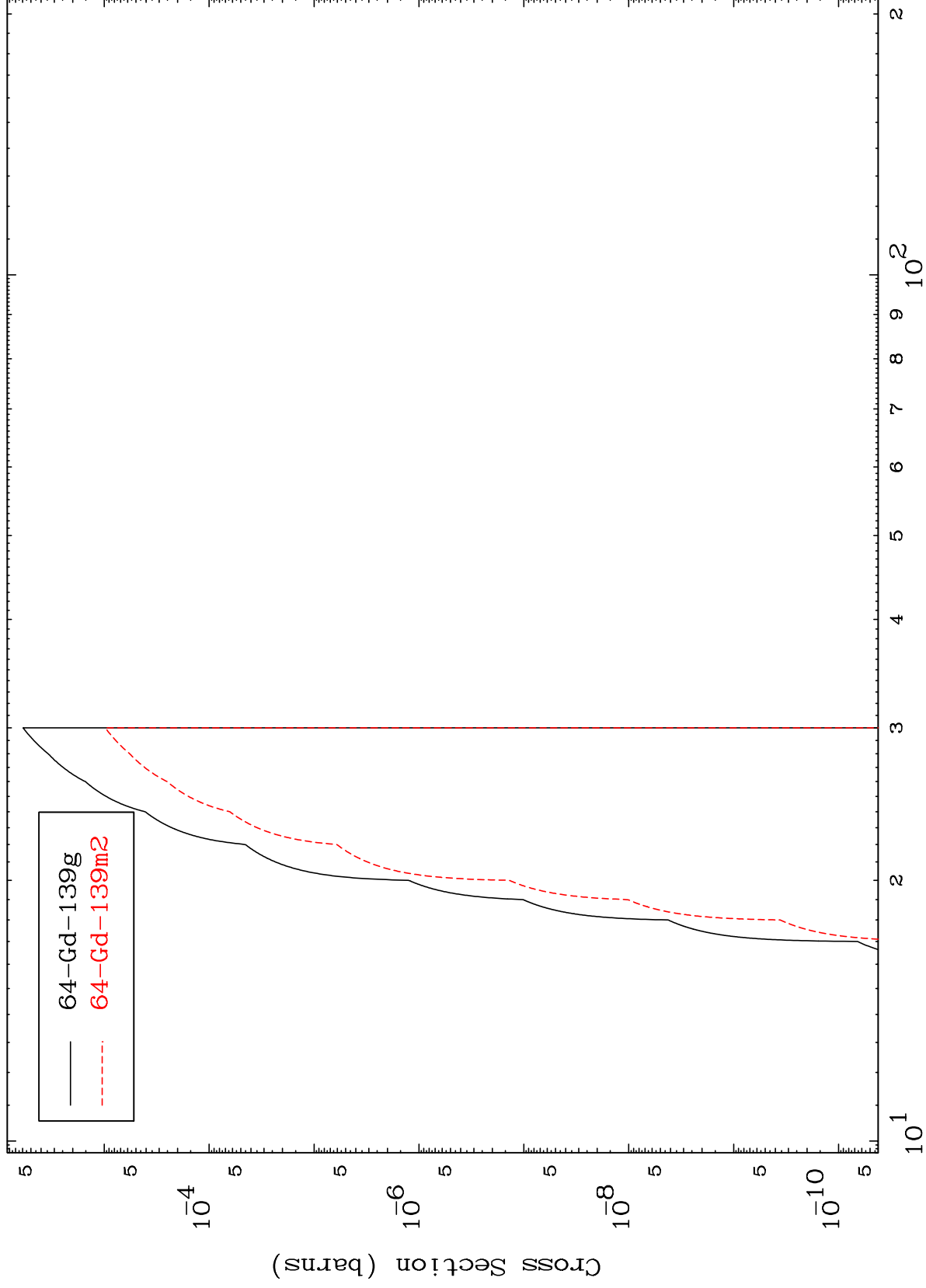
65-Tb-141

MAT 6471

(n,p) d

65-Tb-141

Radionuclide Production Cross Section



Incident Energy (MeV)

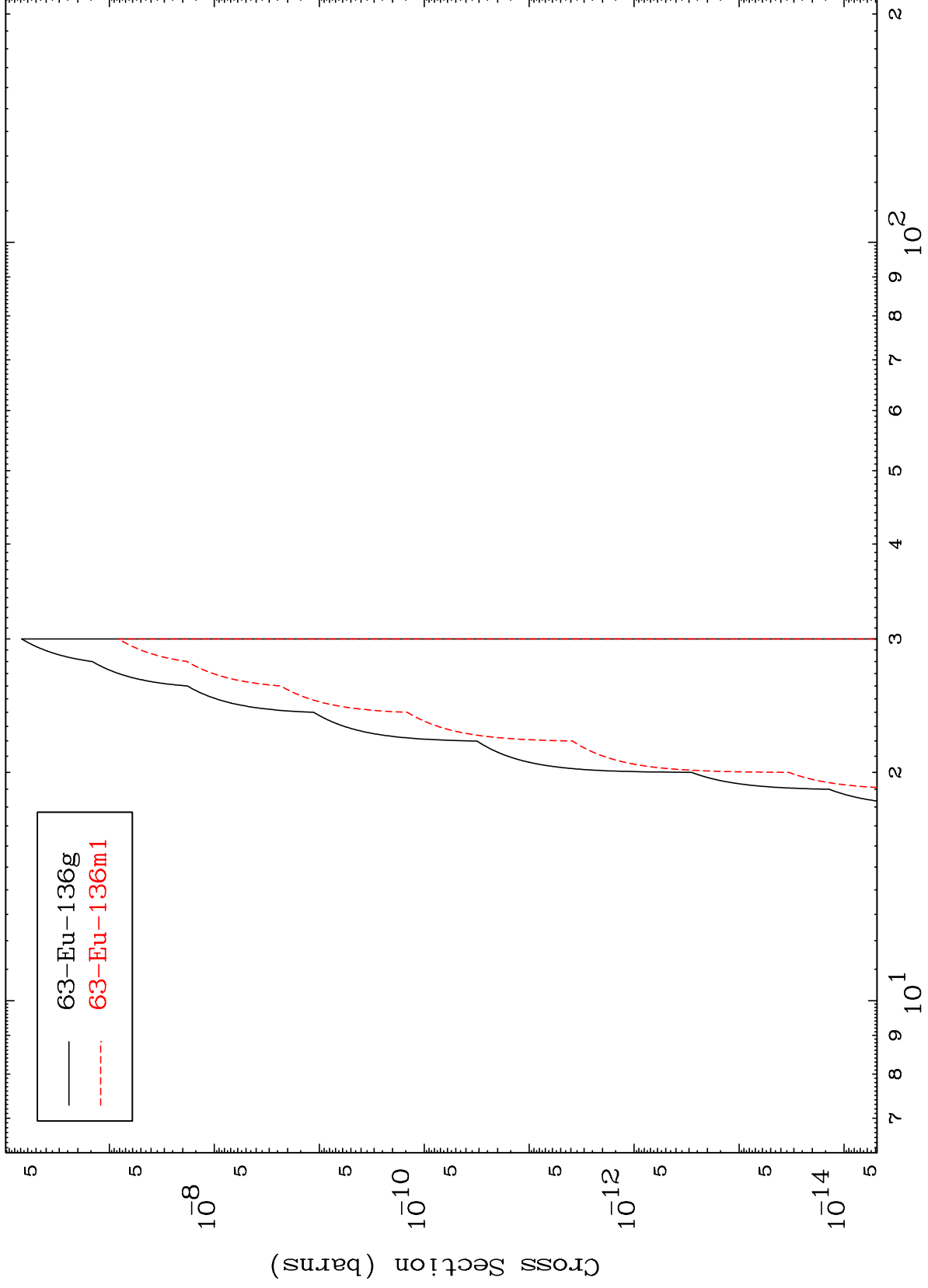
65-Tb-141

MAT 6471

(n,d)  $\alpha$

65-Tb-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

65-Tb-141