

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

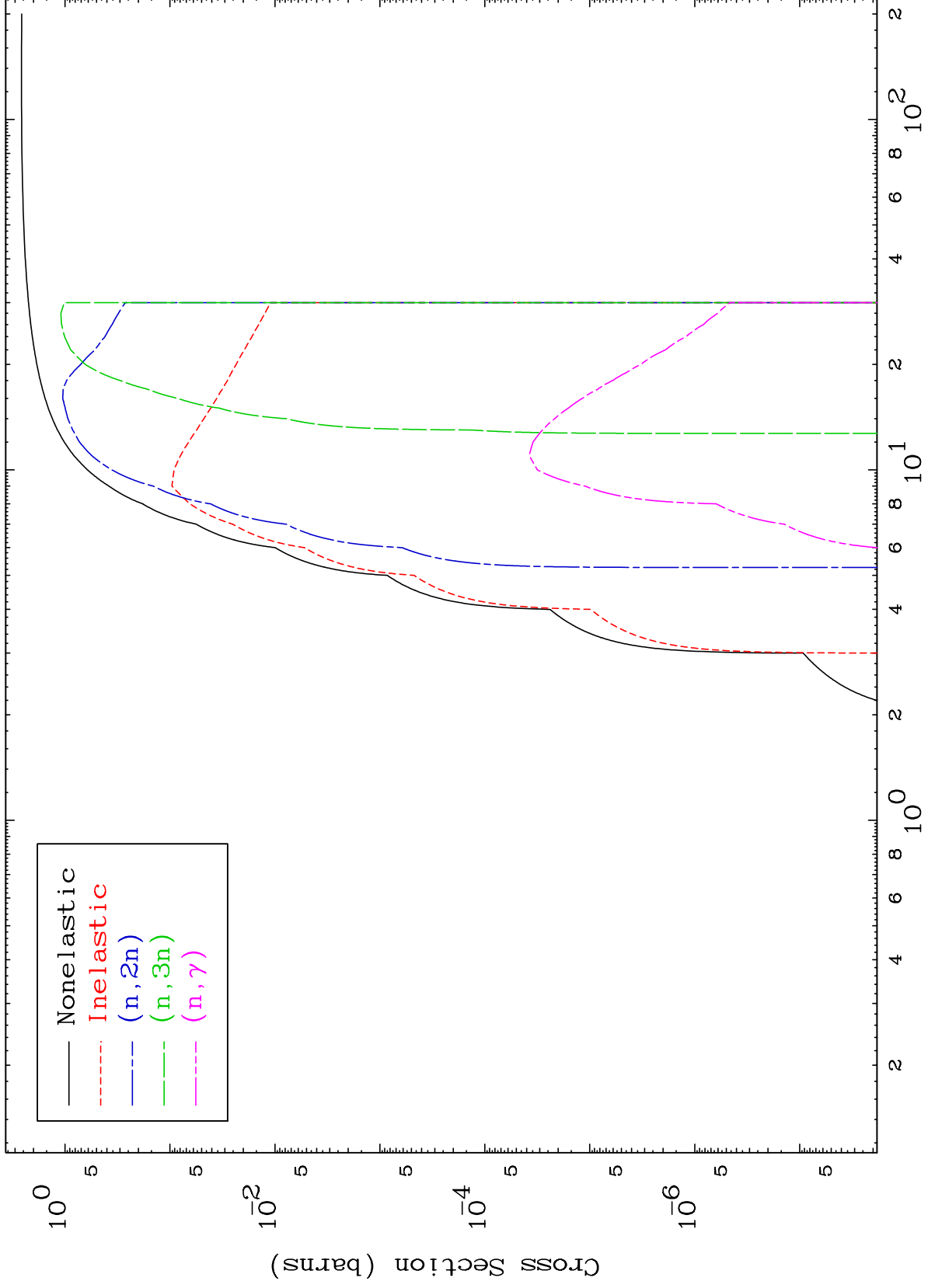
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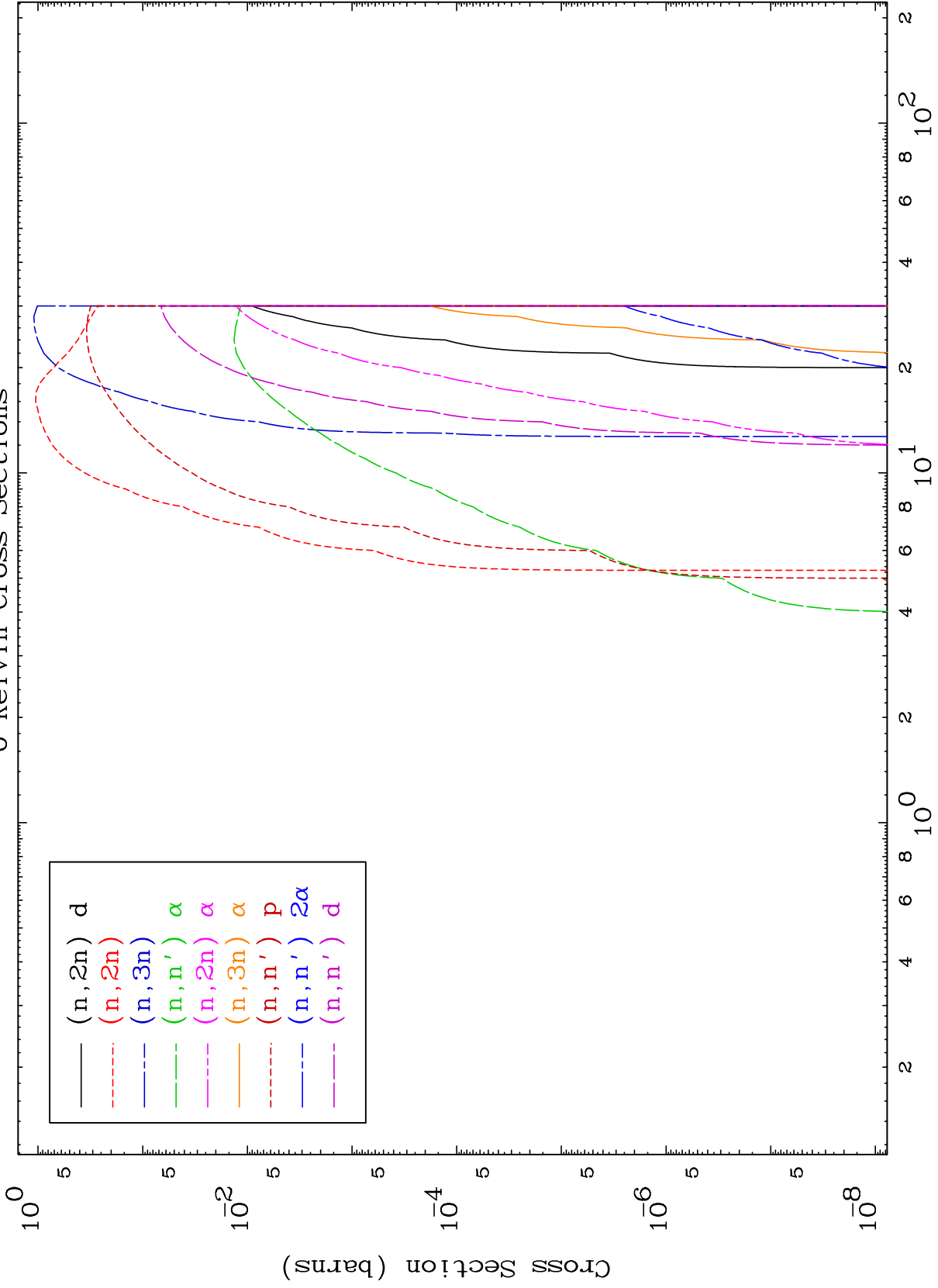
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



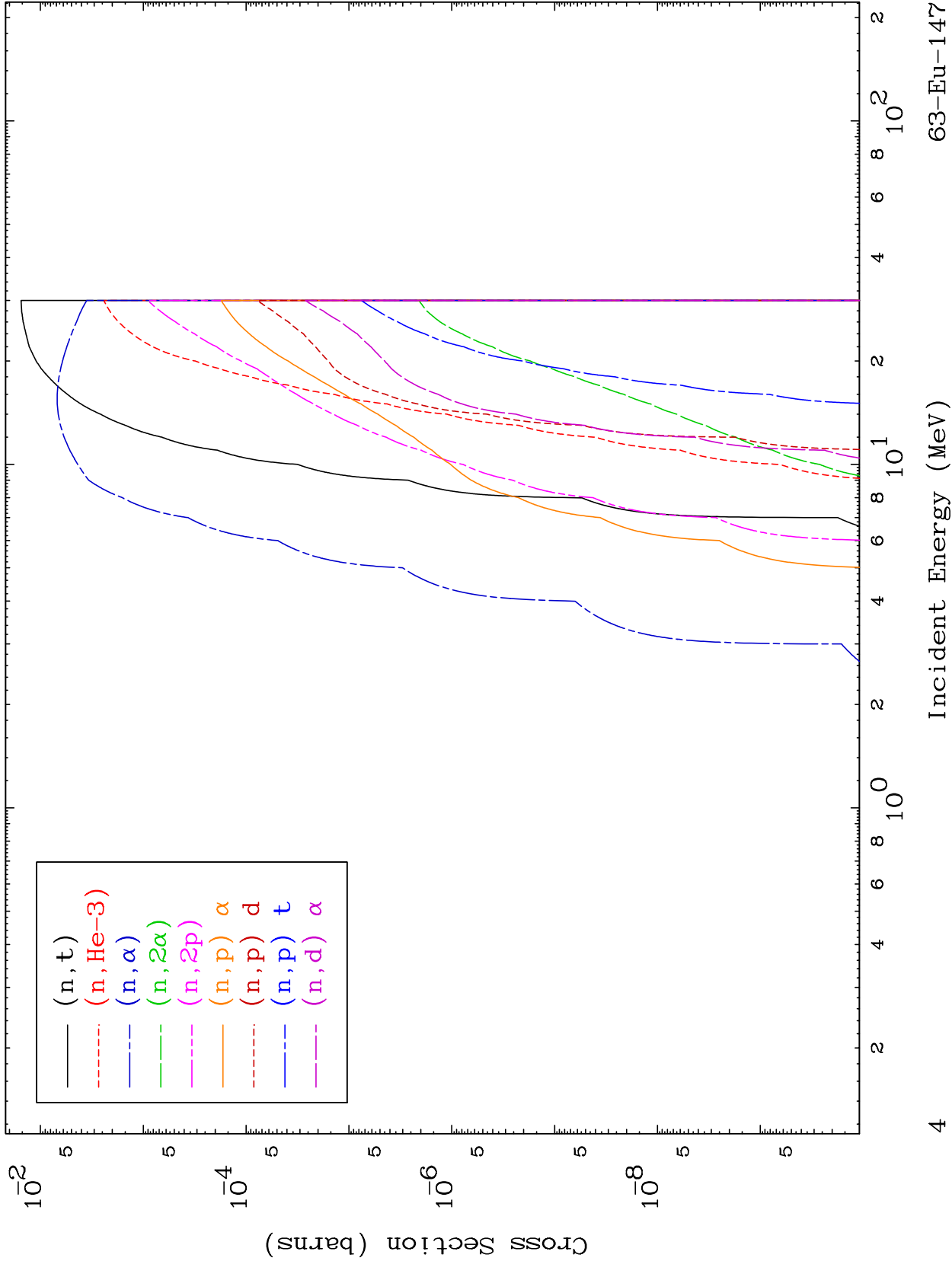




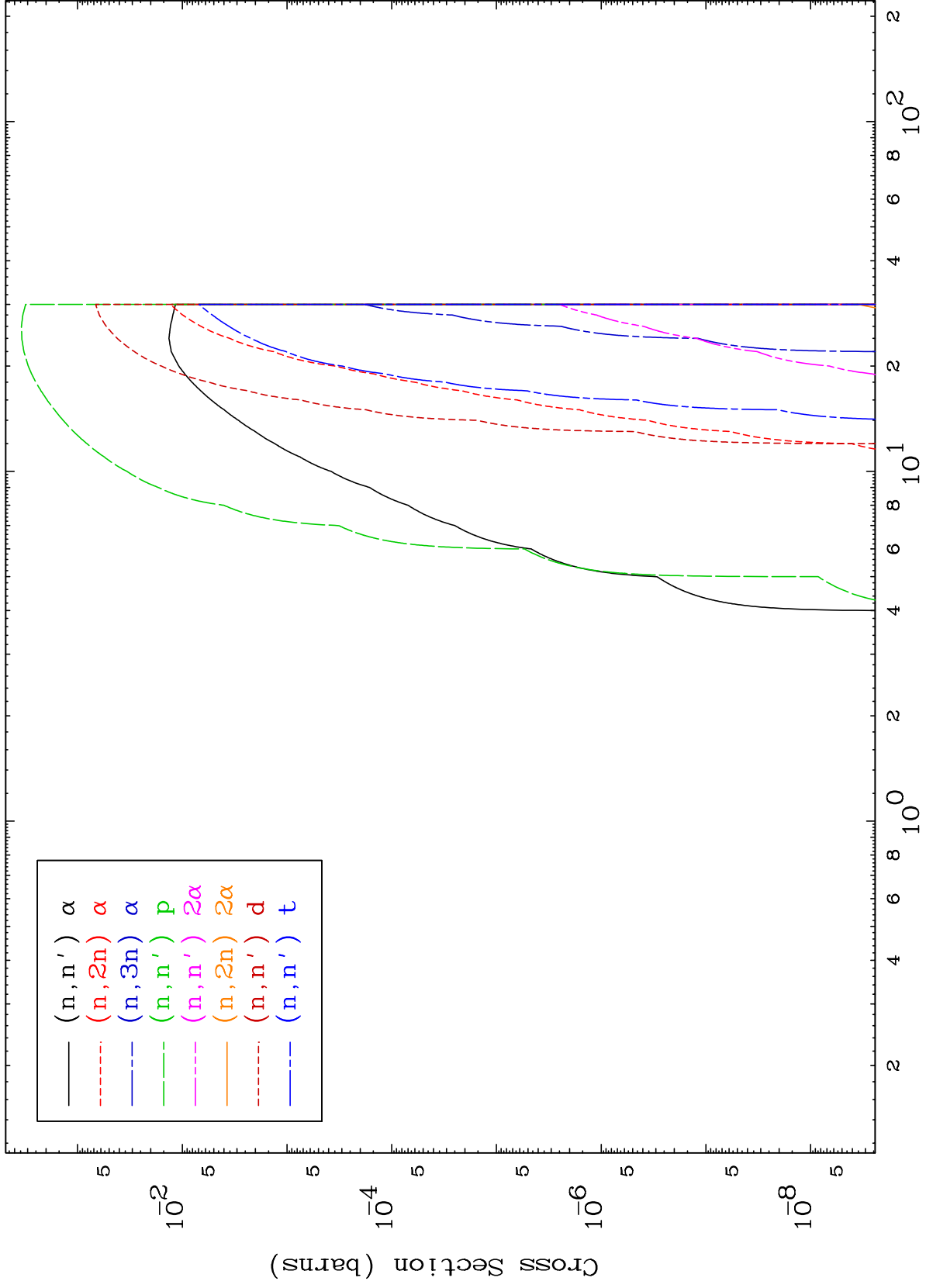
MAT 6313

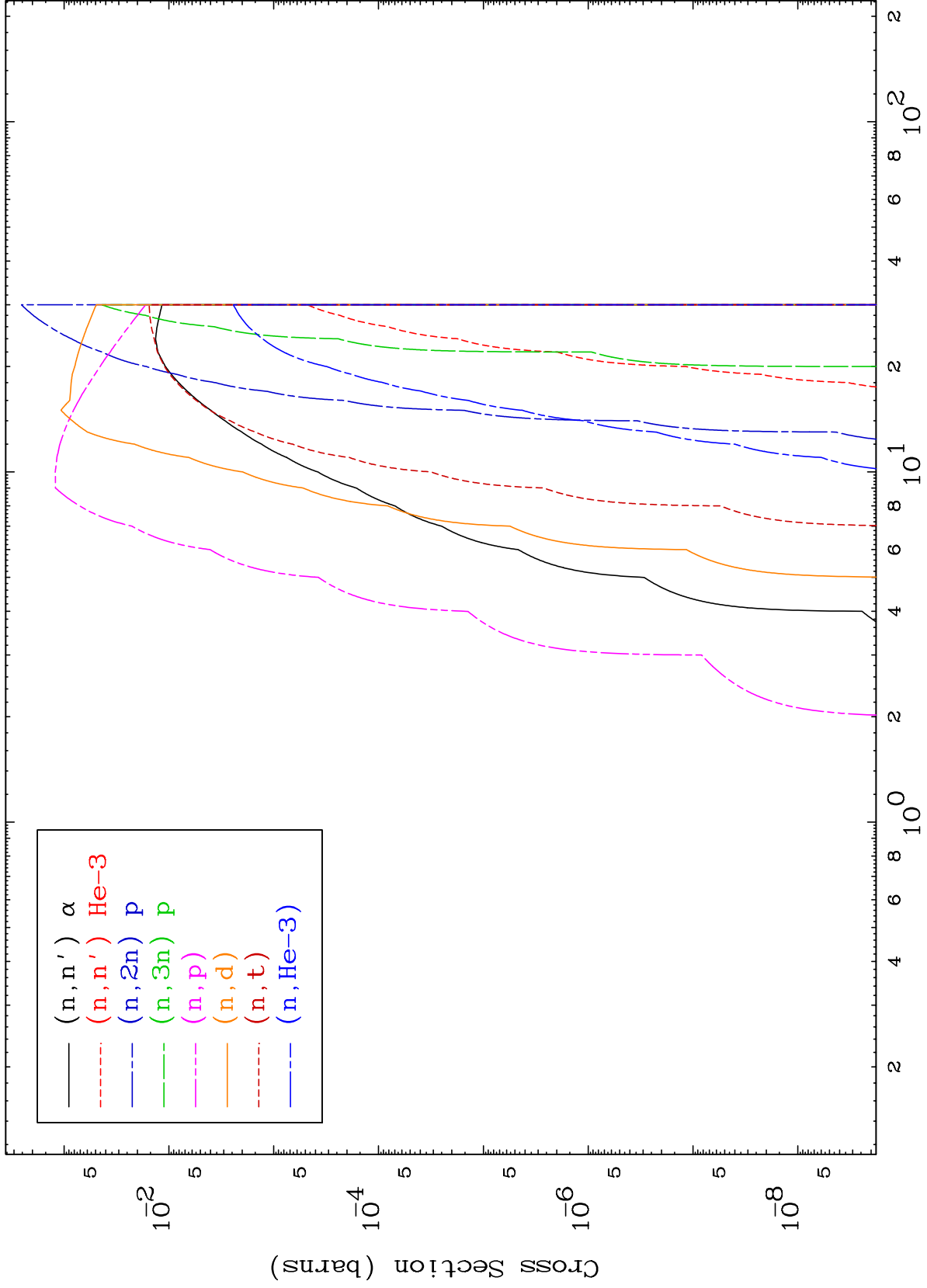
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

63-Eu-147



63-Eu-147

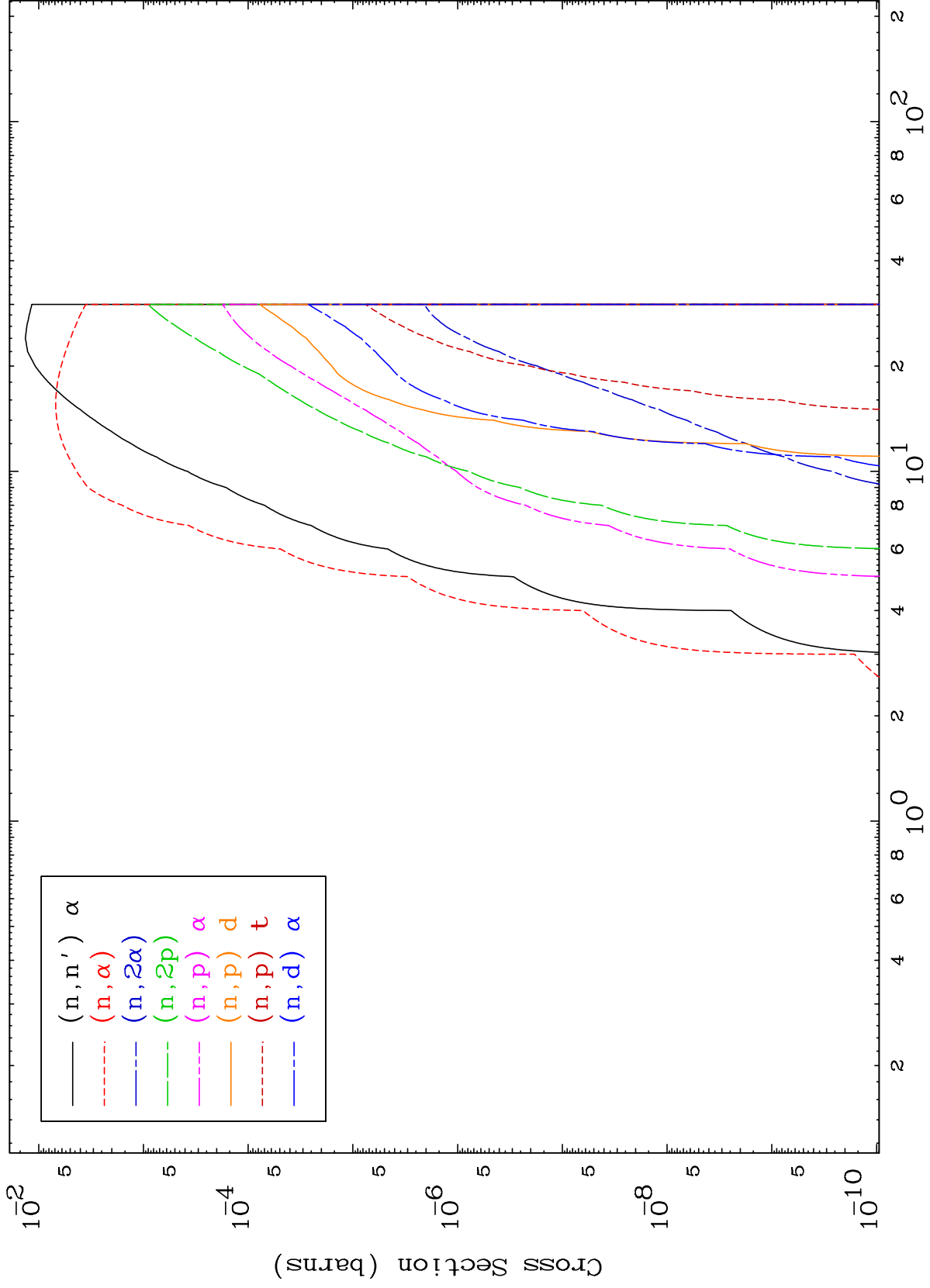




MAT 6313

Deuteron Charged Particle  
0 Kelvin Cross Sections

63-Eu-147



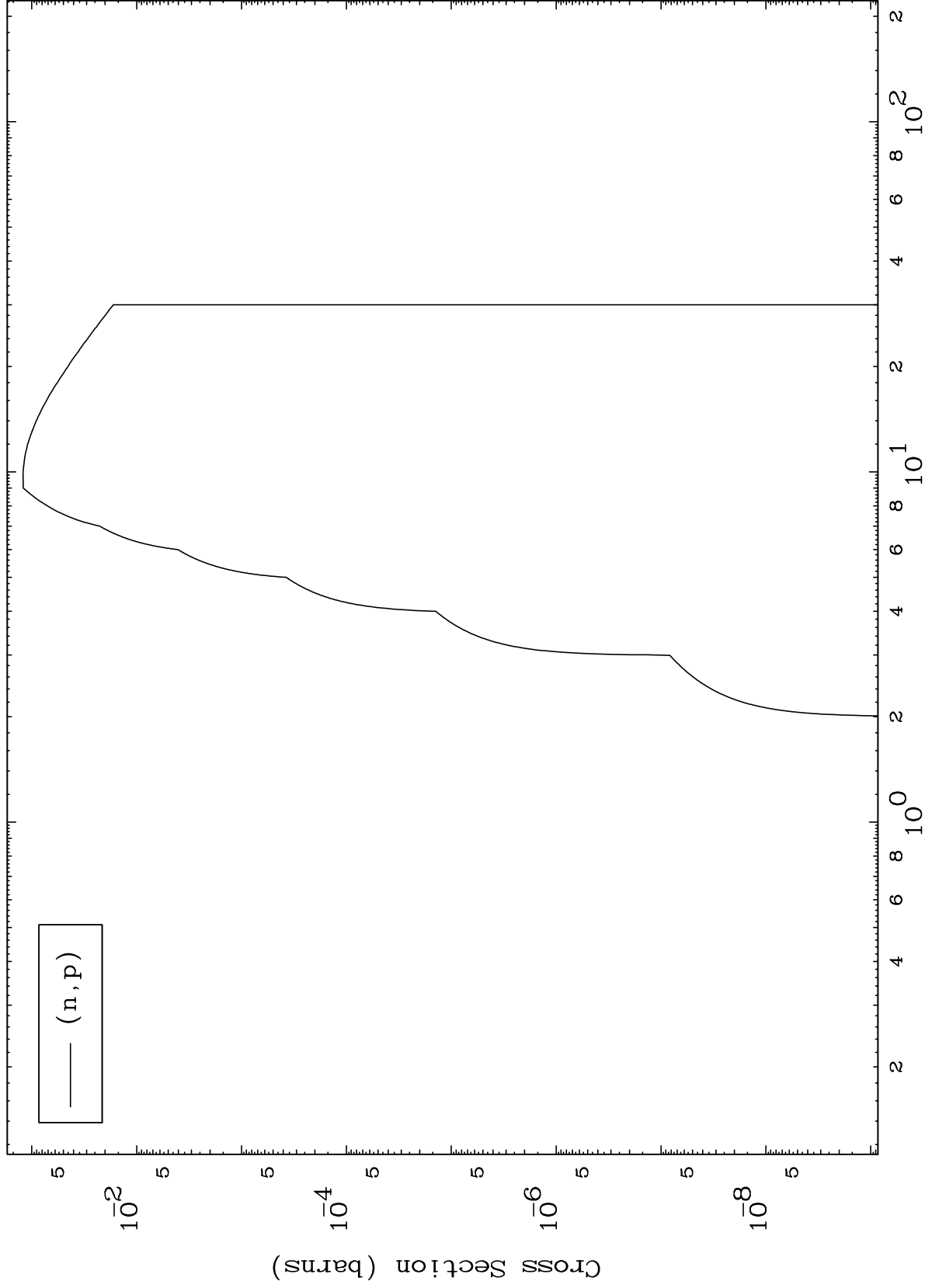


MAT 6313

(d,p) Levels

63-Eu-147

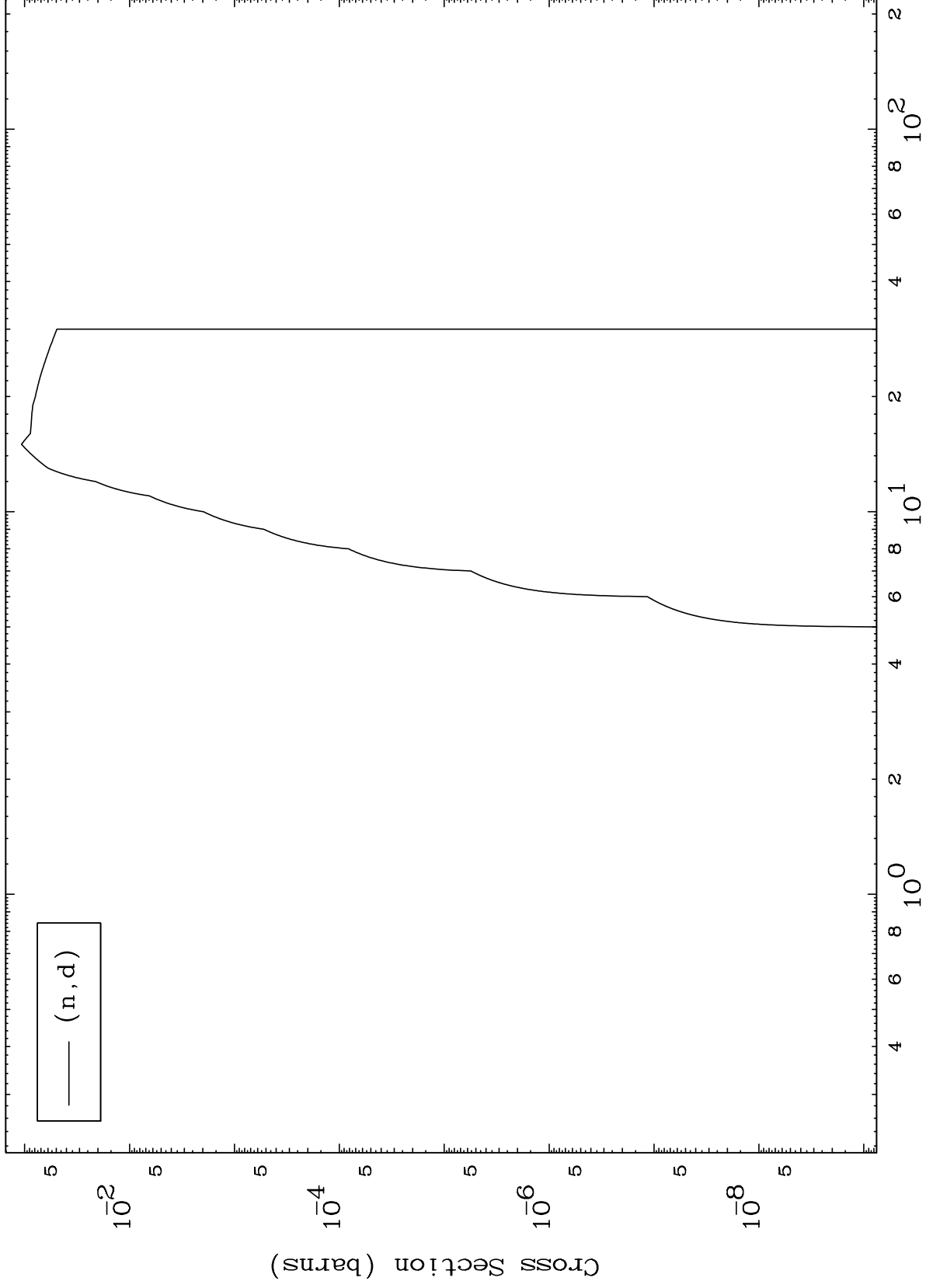
0 Kelvin Cross Sections



MAT 6313

(d,d) Levels  
0 Kelvin Cross Sections

63-Eu-147

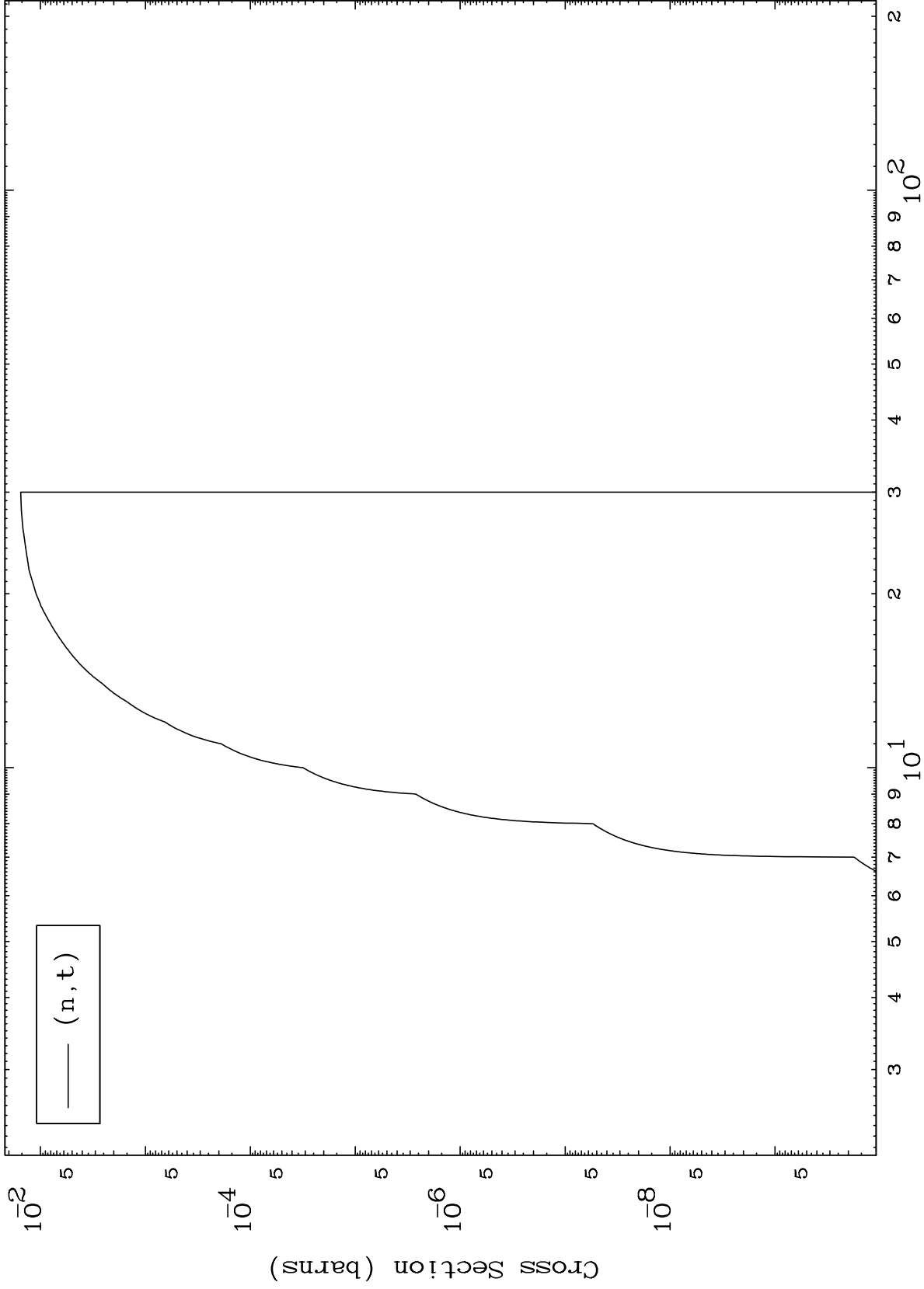


MAT 6313

(d,t) Levels

63-Eu-147

0 Kelvin Cross Sections



10

Incident Energy (MeV)

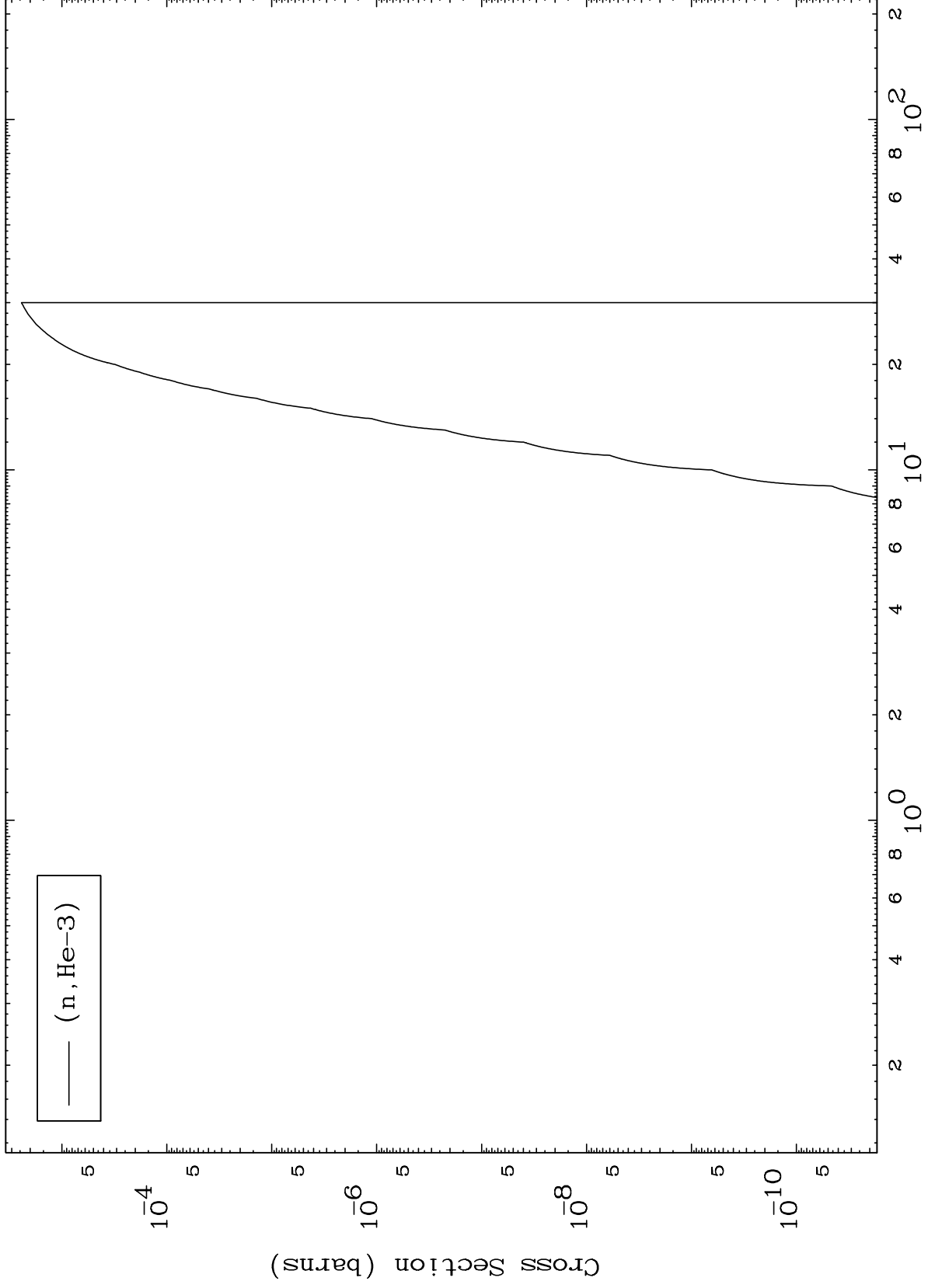
63-Eu-147

MAT 6313

(d,He3) Levels

63-Eu-147

0 Kelvin Cross Sections

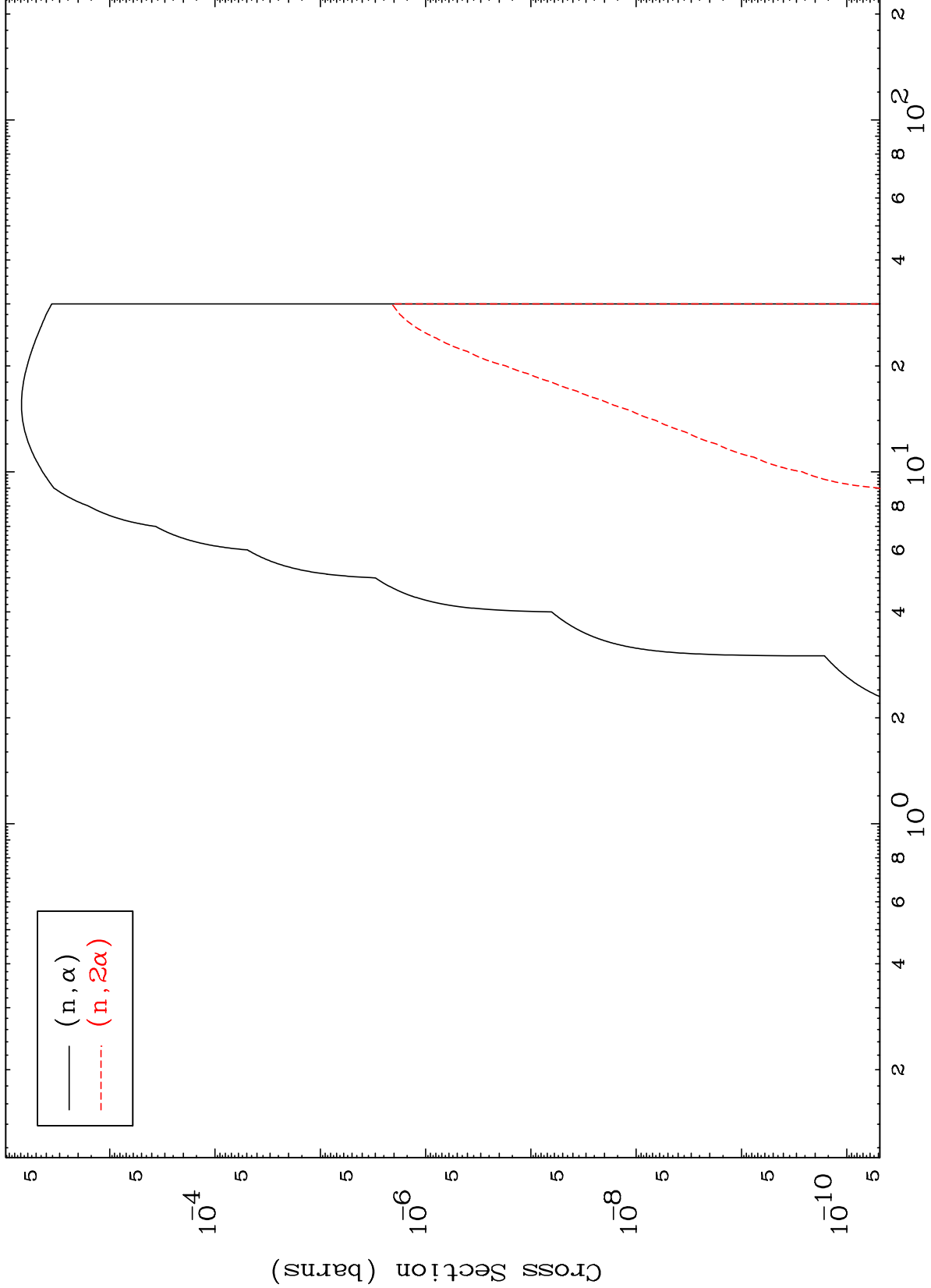


MAT 6313

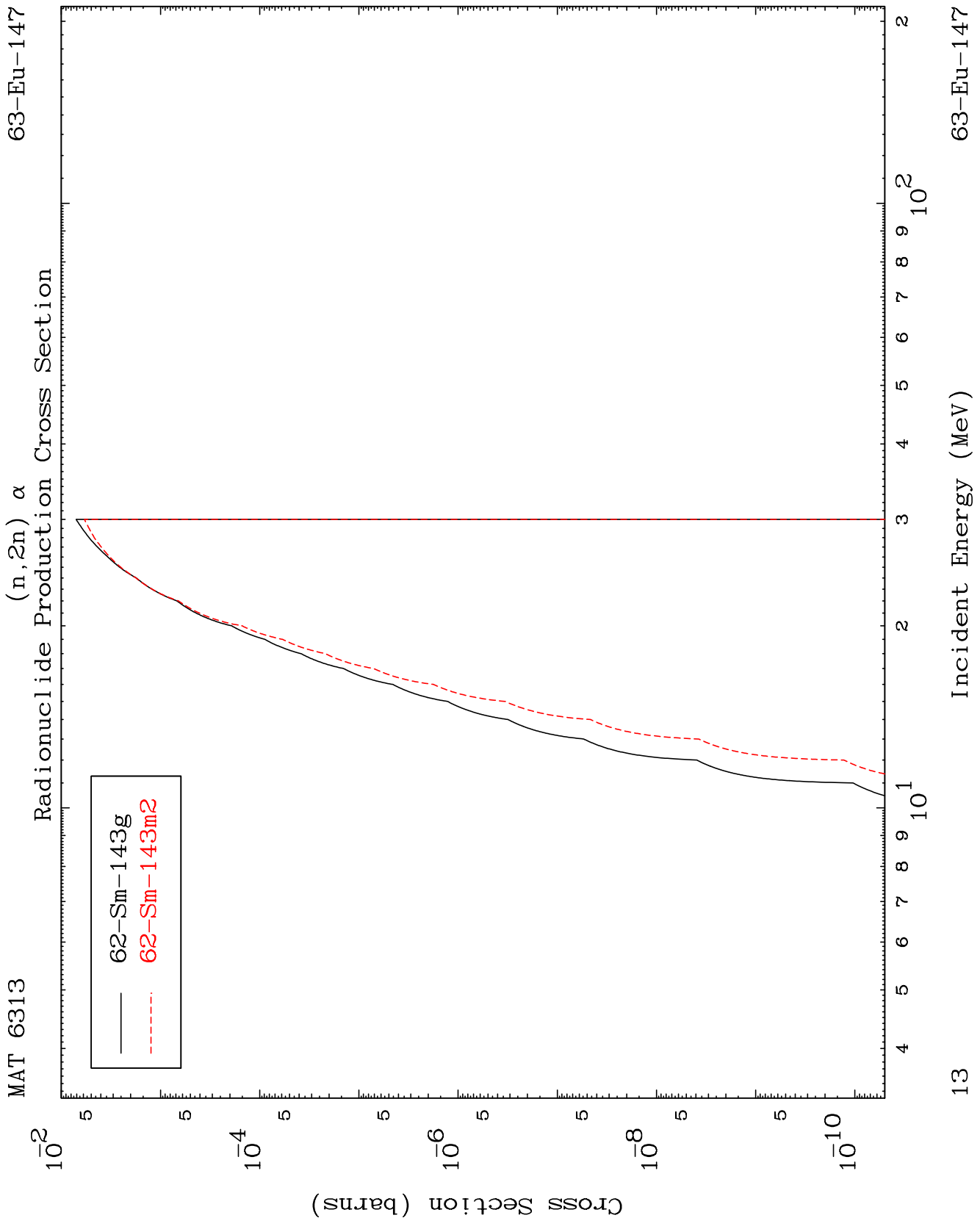
(d,  $\alpha$ ) Levels

63-Eu-147

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

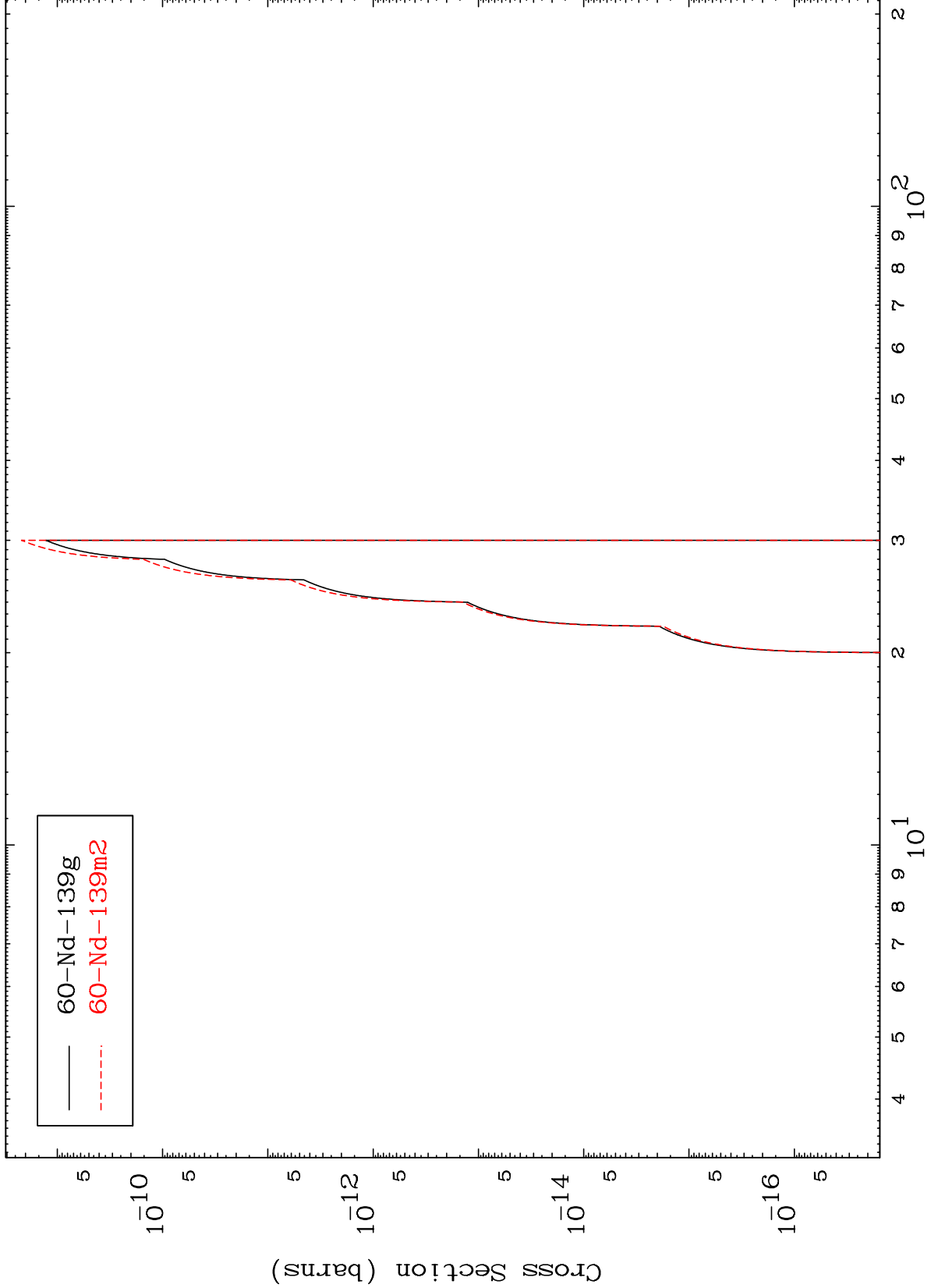


MAT 6313

$^{60}\text{Nd}$   $2\alpha$

$^{63}\text{Eu}$ -147

Radionuclide Production Cross Section



14

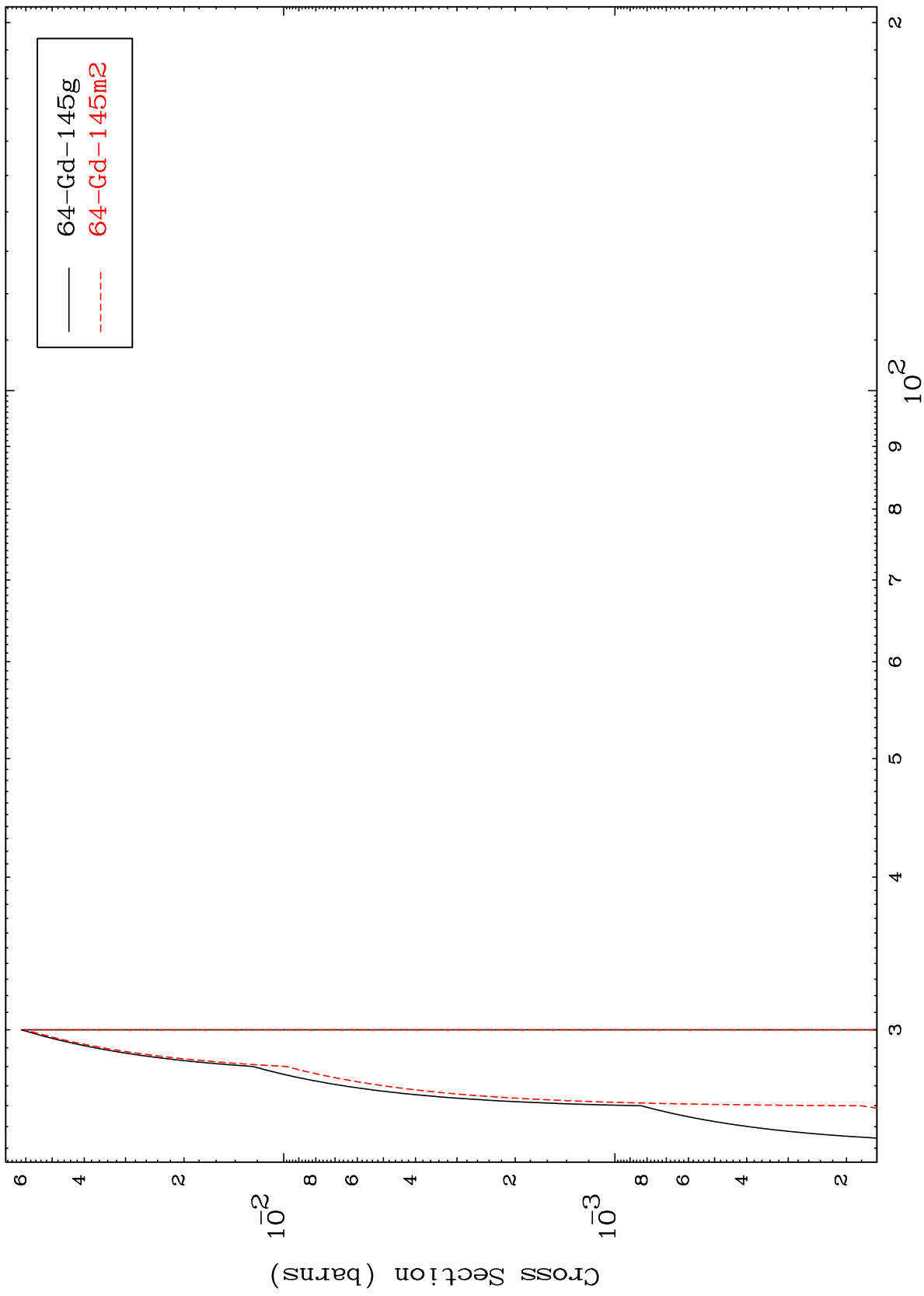
Incident Energy (MeV)

$^{63}\text{Eu}$ -147

MAT 6313

63-Eu-147

(n,4n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

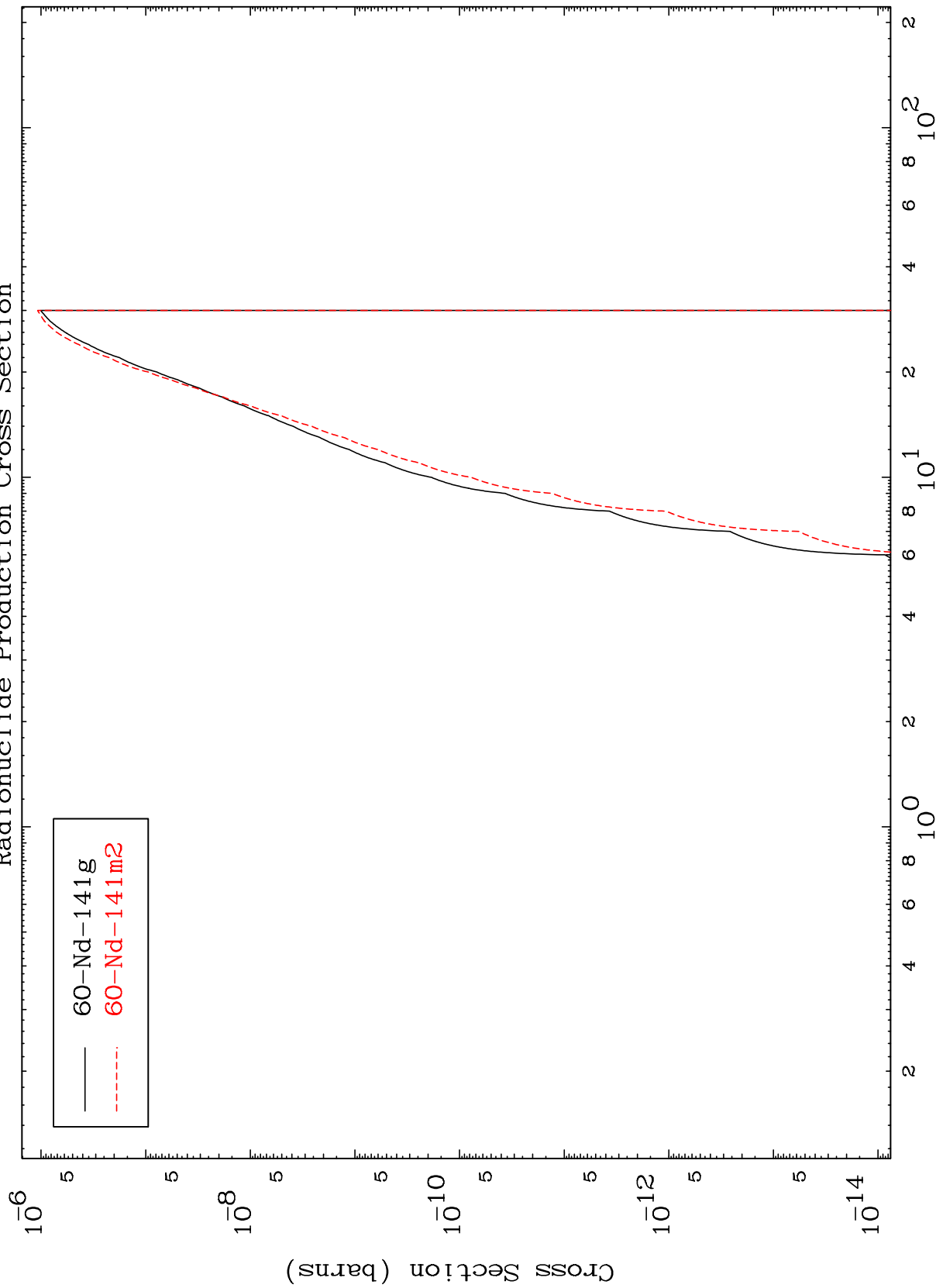
63-Eu-147



MAT 6313

63-Eu-147

Radionuclide Production Cross Section  
(n,2α)



63-Eu-147

Incident Energy (MeV)

16