

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

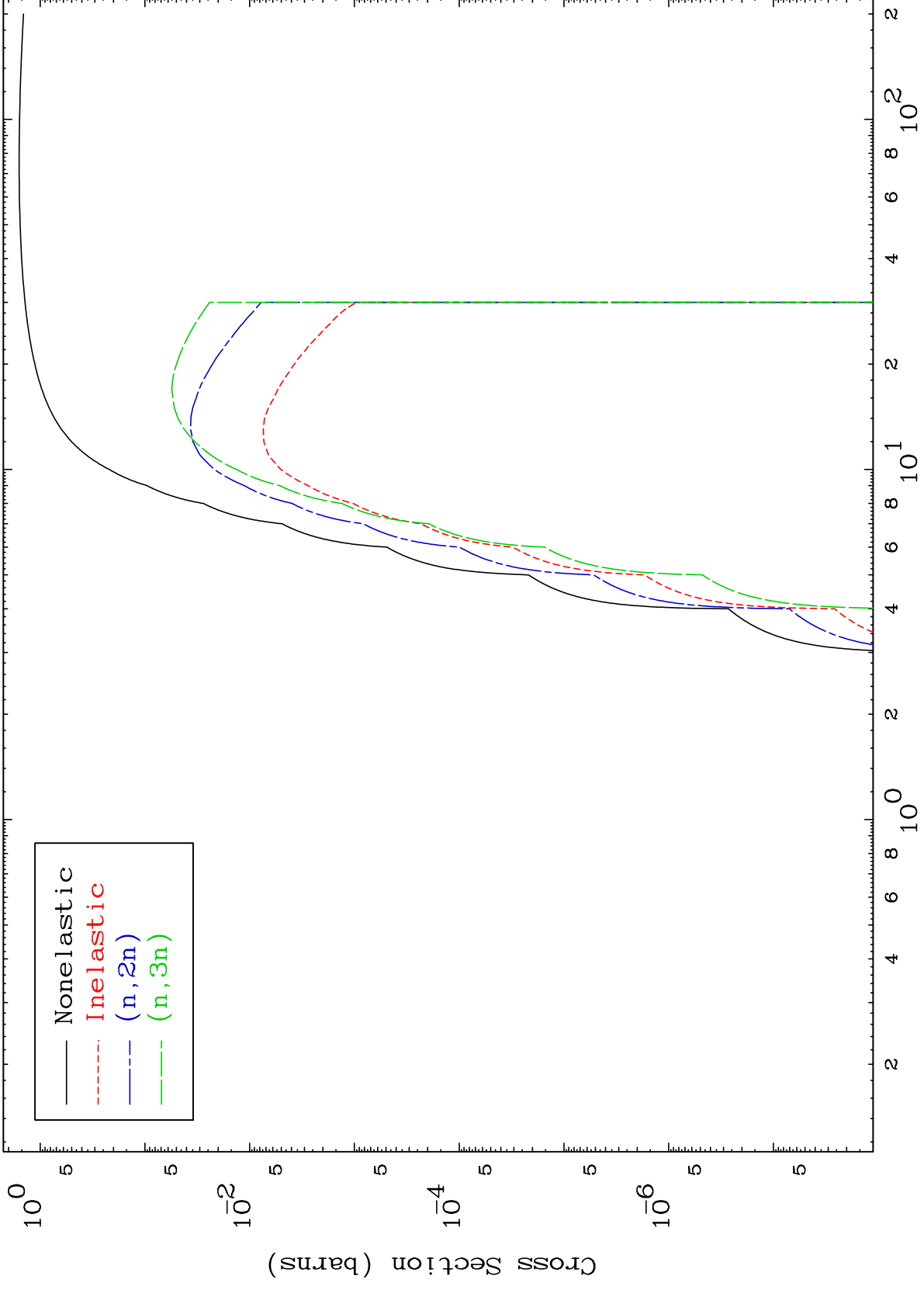
Press Mouse Button to Start

MAT 2952

He-3 Major

29-Cu-72

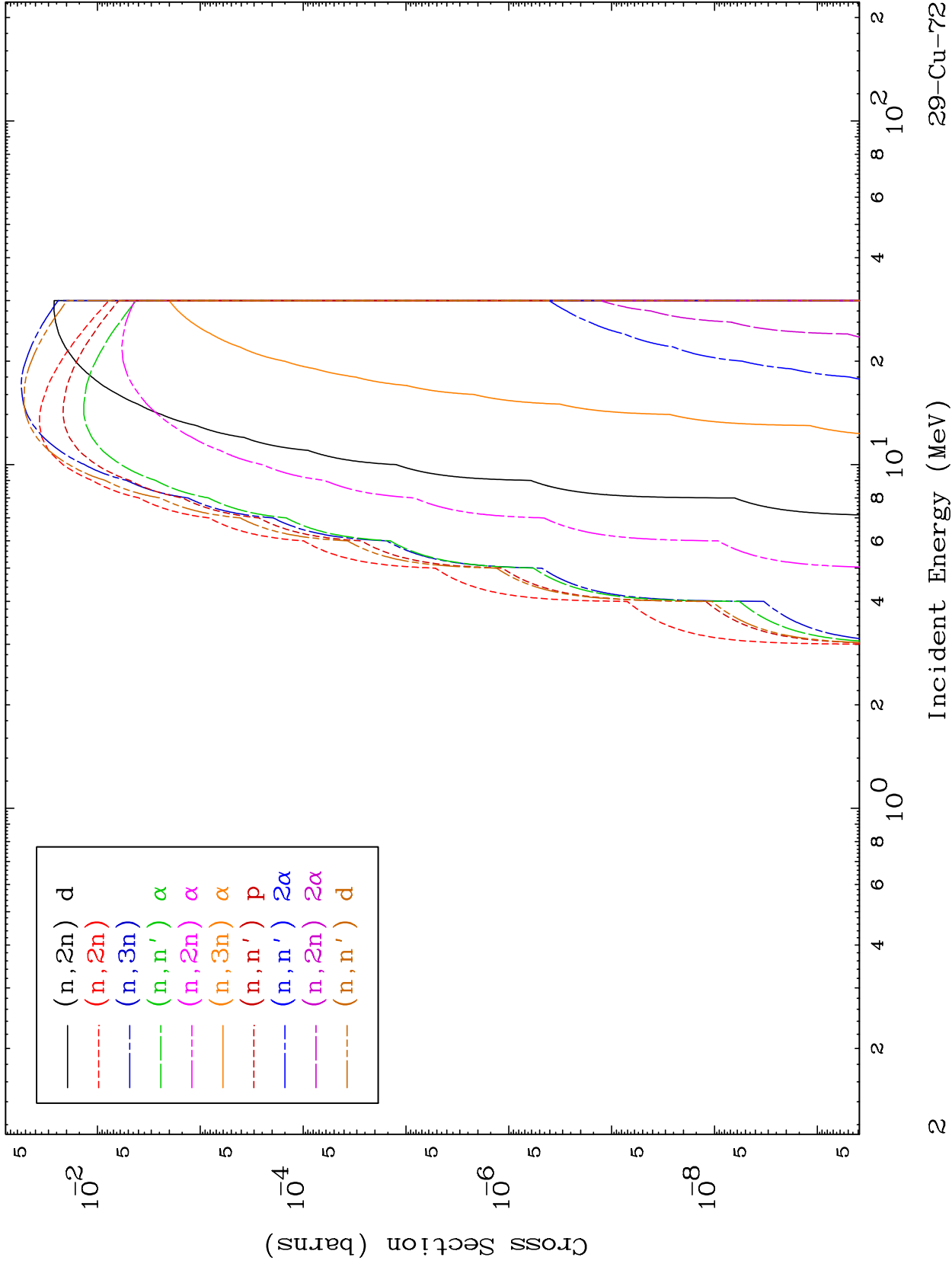
0 Kelvin Cross Sections

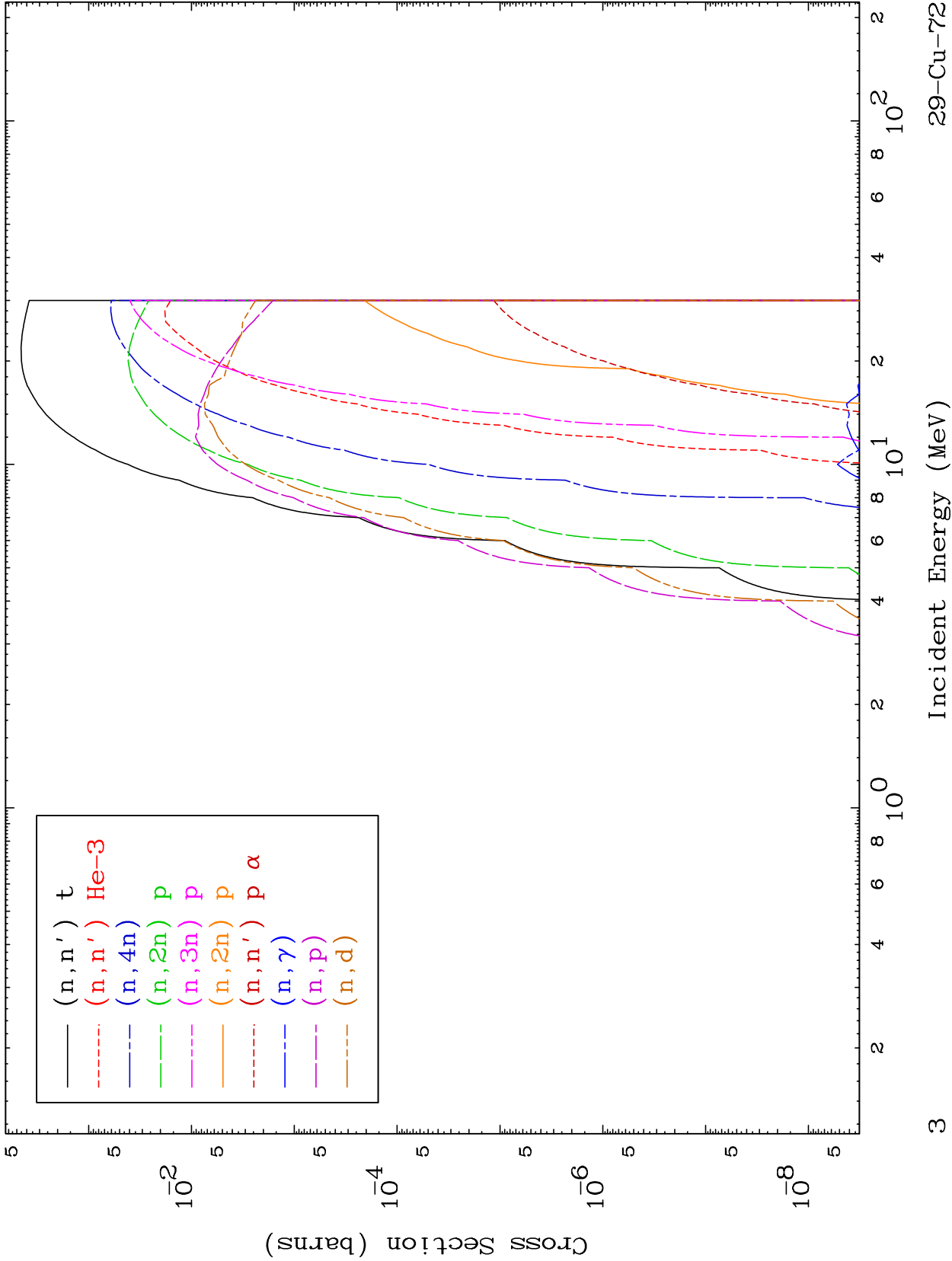


MAT 2952

He-3 Neutron Absorption  
0 Kelvin Cross Sections

29-Cu-72

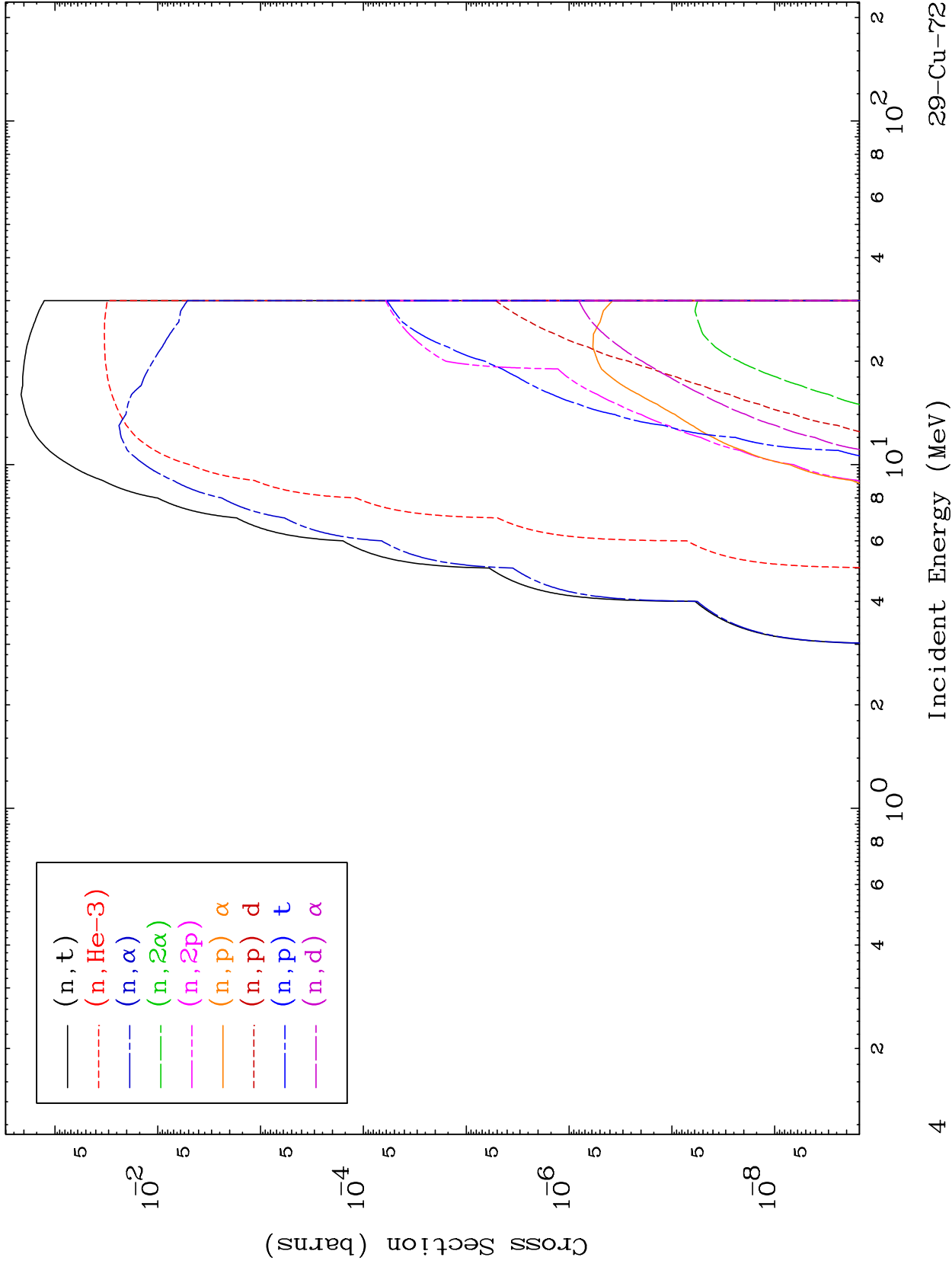




MAT 2952

He-3 Neutron Absorption  
0 Kelvin Cross Sections

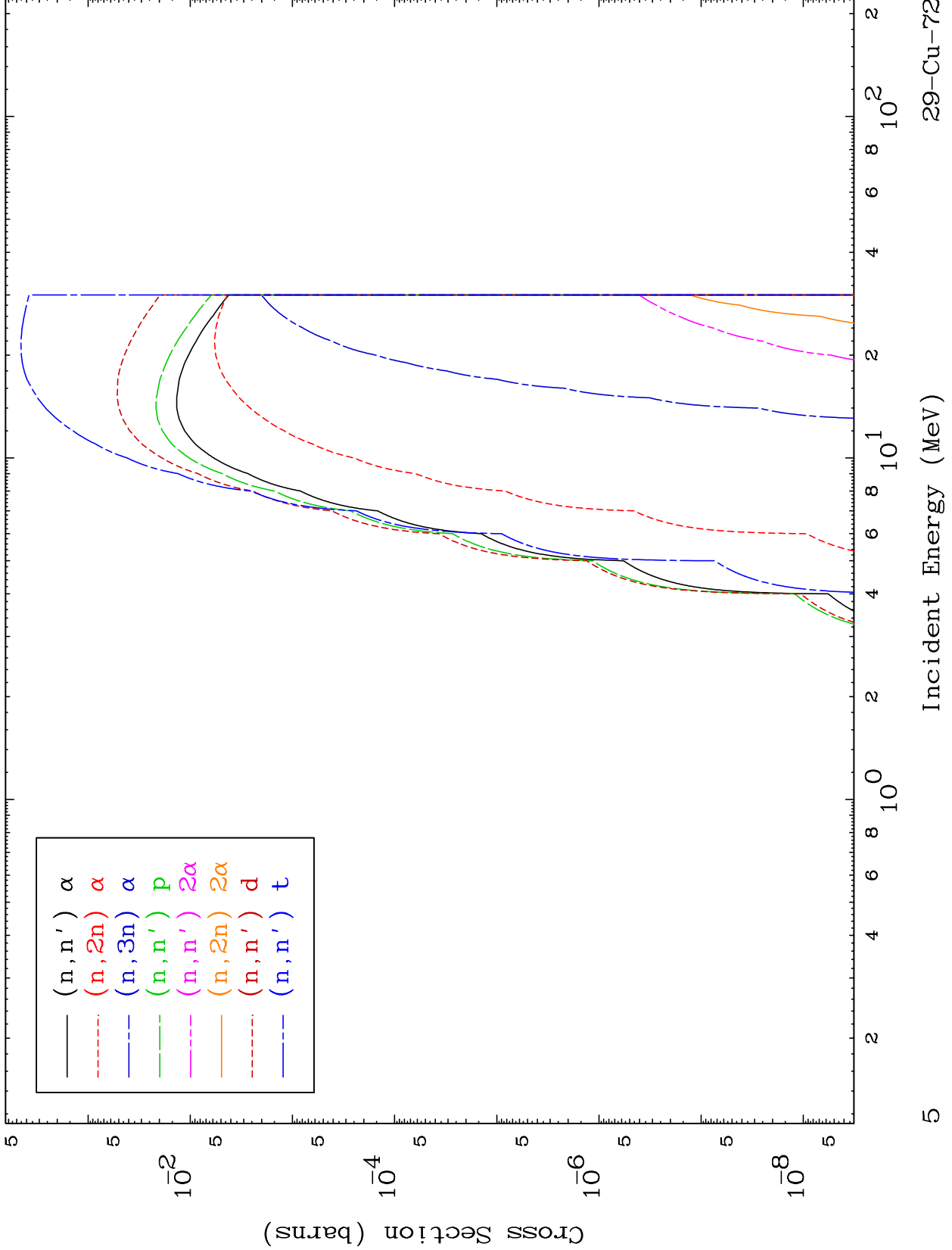
29-Cu-72



MAT 2952

He-3 Charged Particle  
0 Kelvin Cross Sections

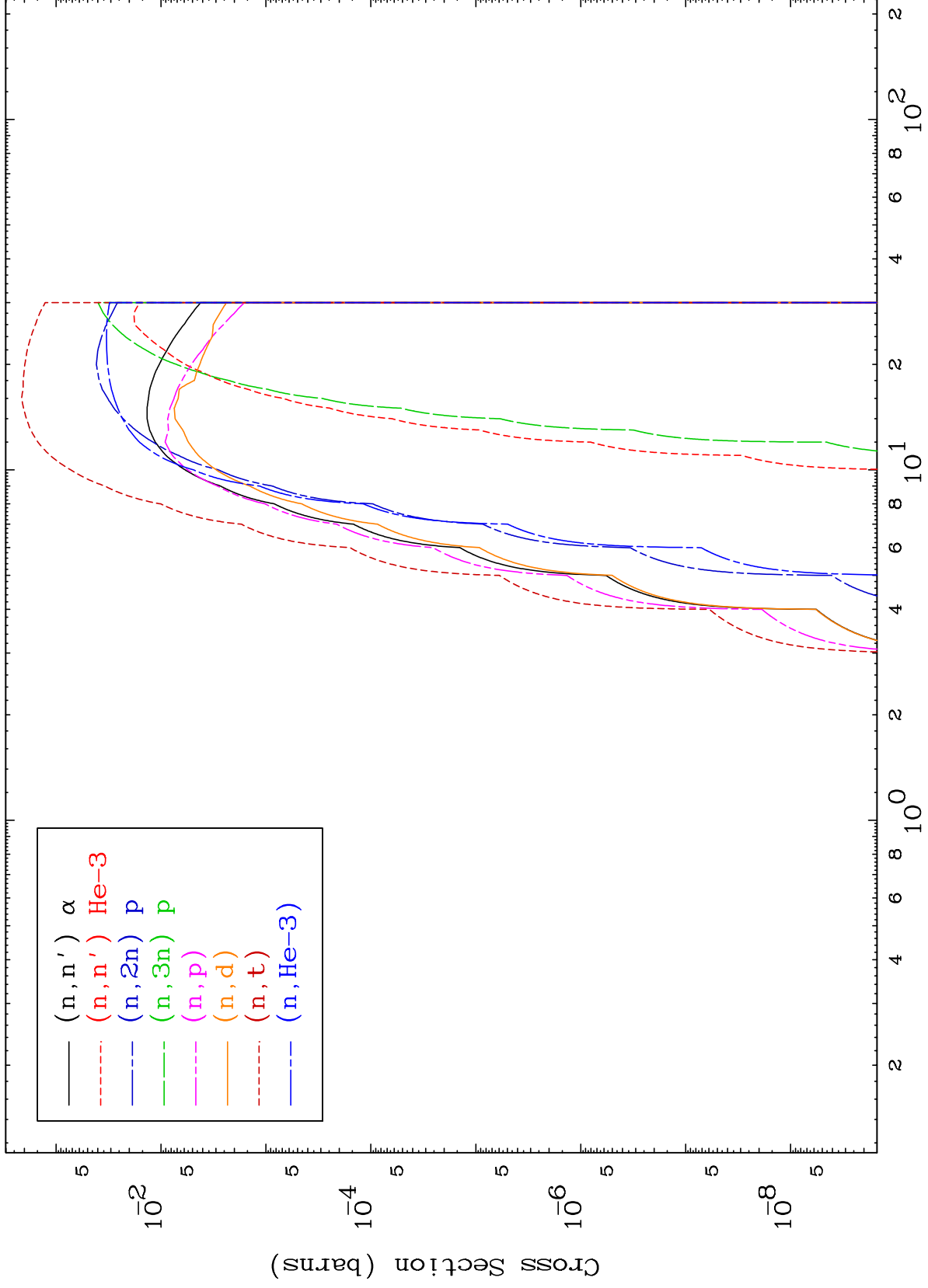
29-Cu-72

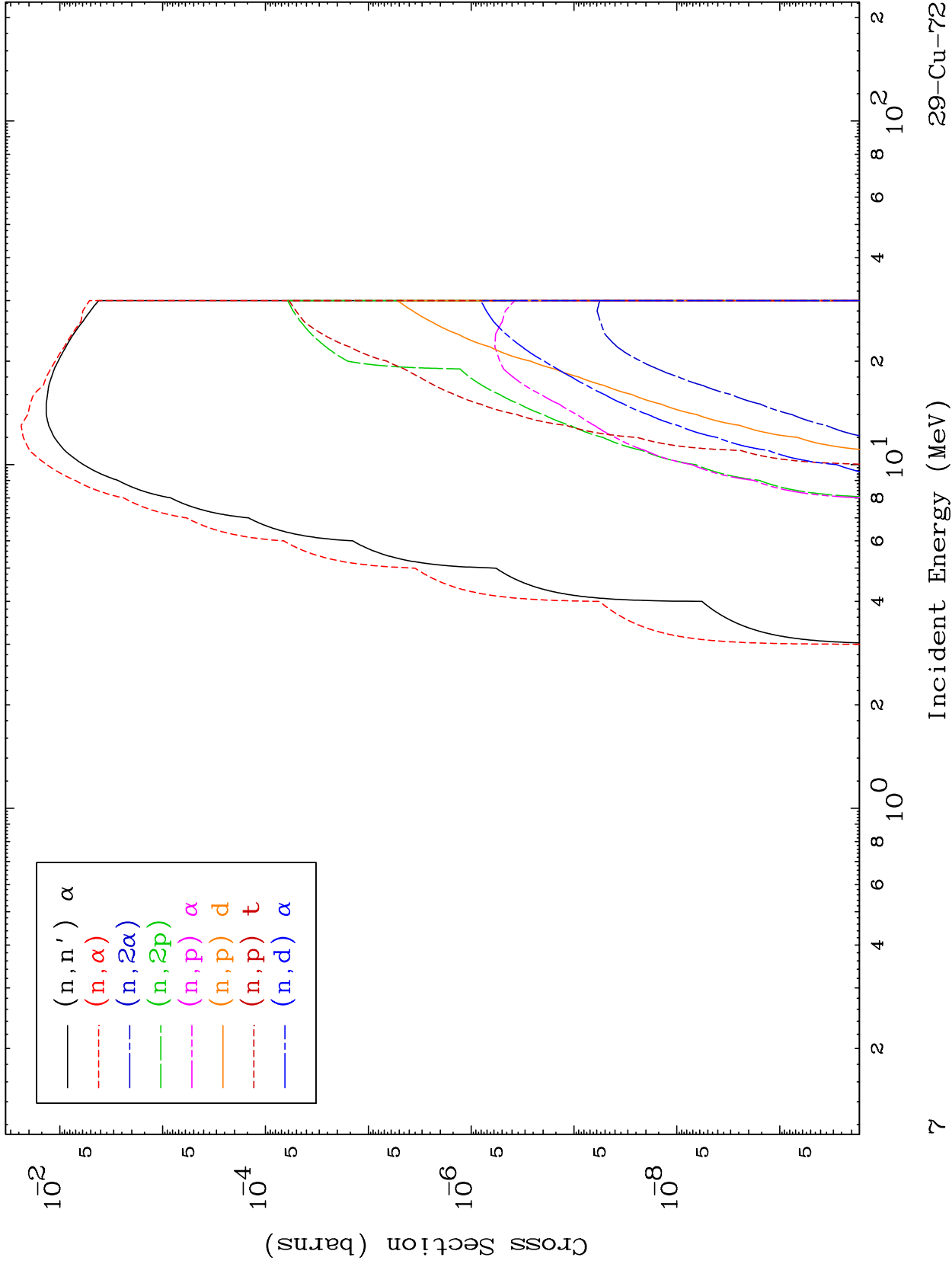


MAT 2952

He-3 Charged Particle  
0 Kelvin Cross Sections

29-Cu-72



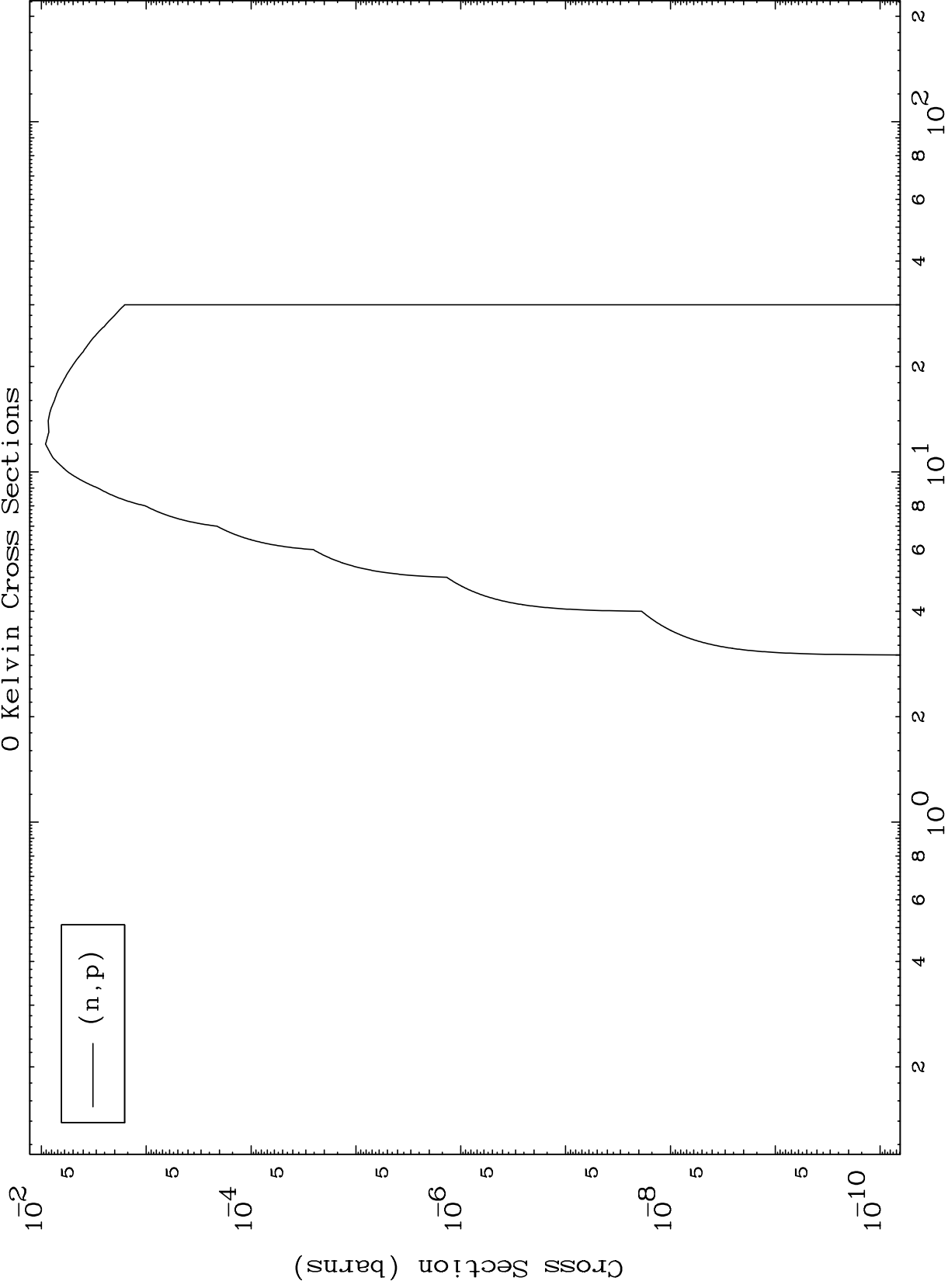


MAT 2952

(He-3,p) Levels

29-Cu-72

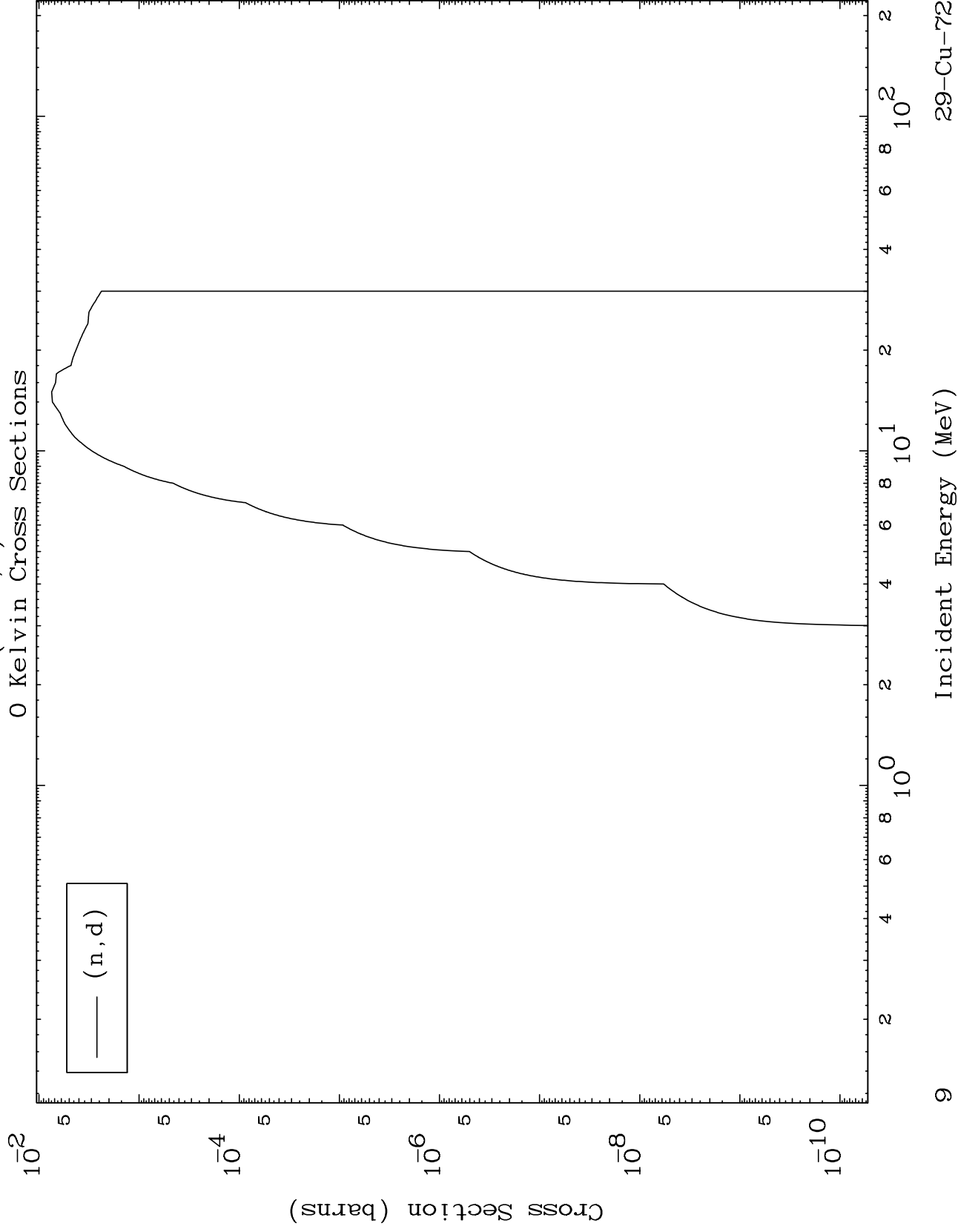
0 Kelvin Cross Sections



MAT 2952

29-Cu-72

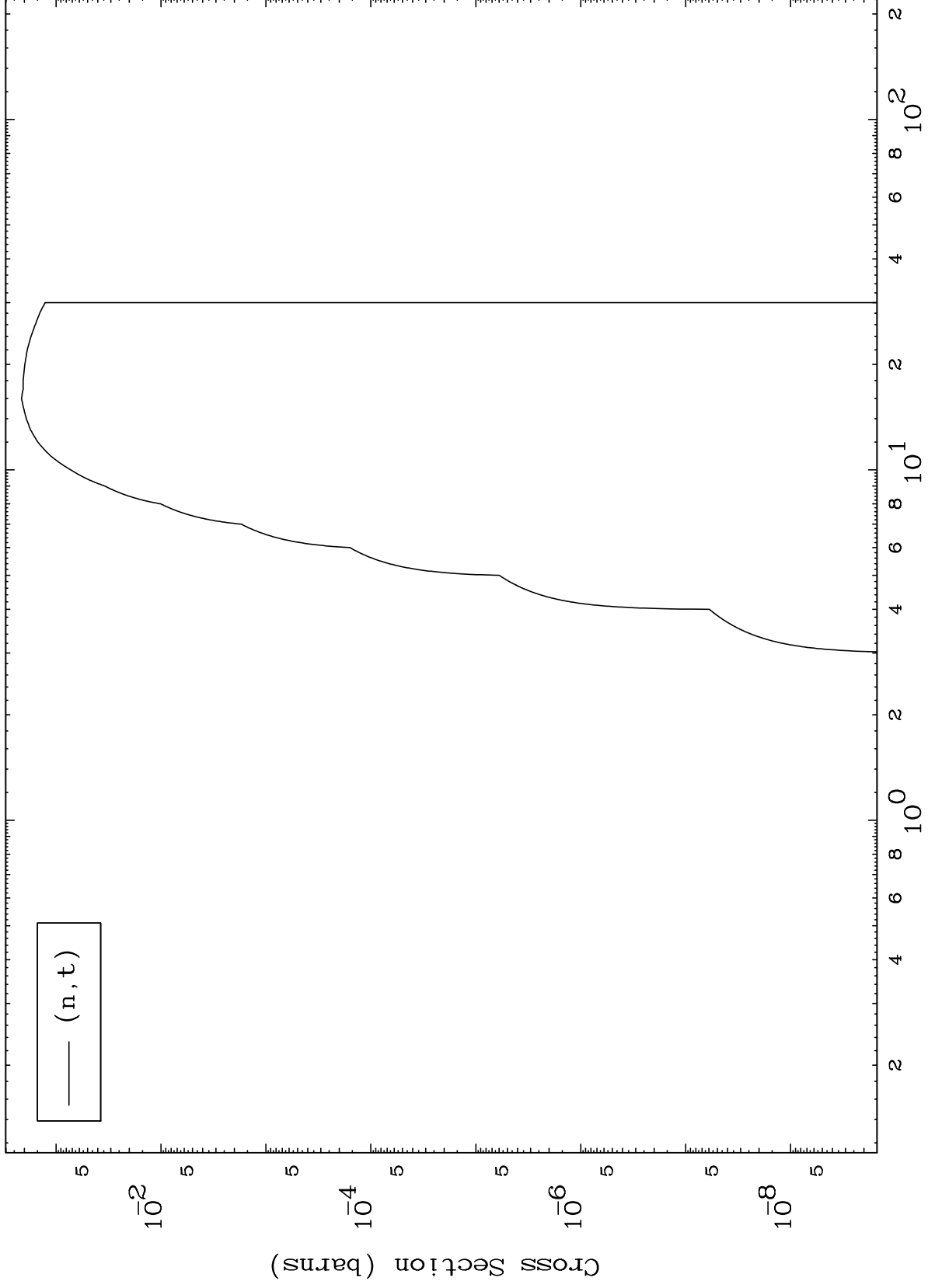
(He-3,d) Levels



MAT 2952

(He-3,t) Levels  
0 Kelvin Cross Sections

29-Cu-72



10

Incident Energy (MeV)

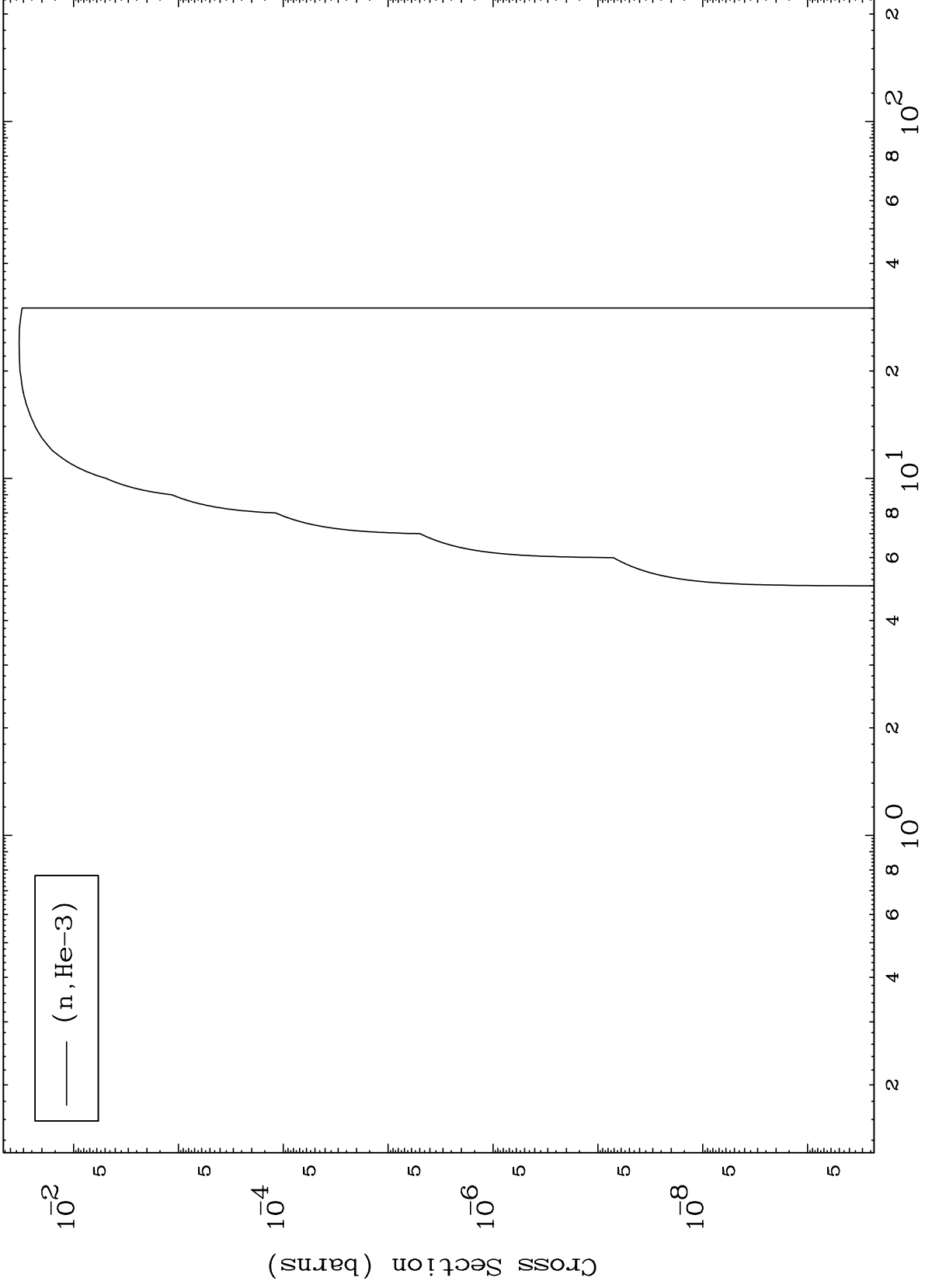
29-Cu-72

MAT 2952

(He-3, He3) Levels

29-Cu-72

0 Kelvin Cross Sections

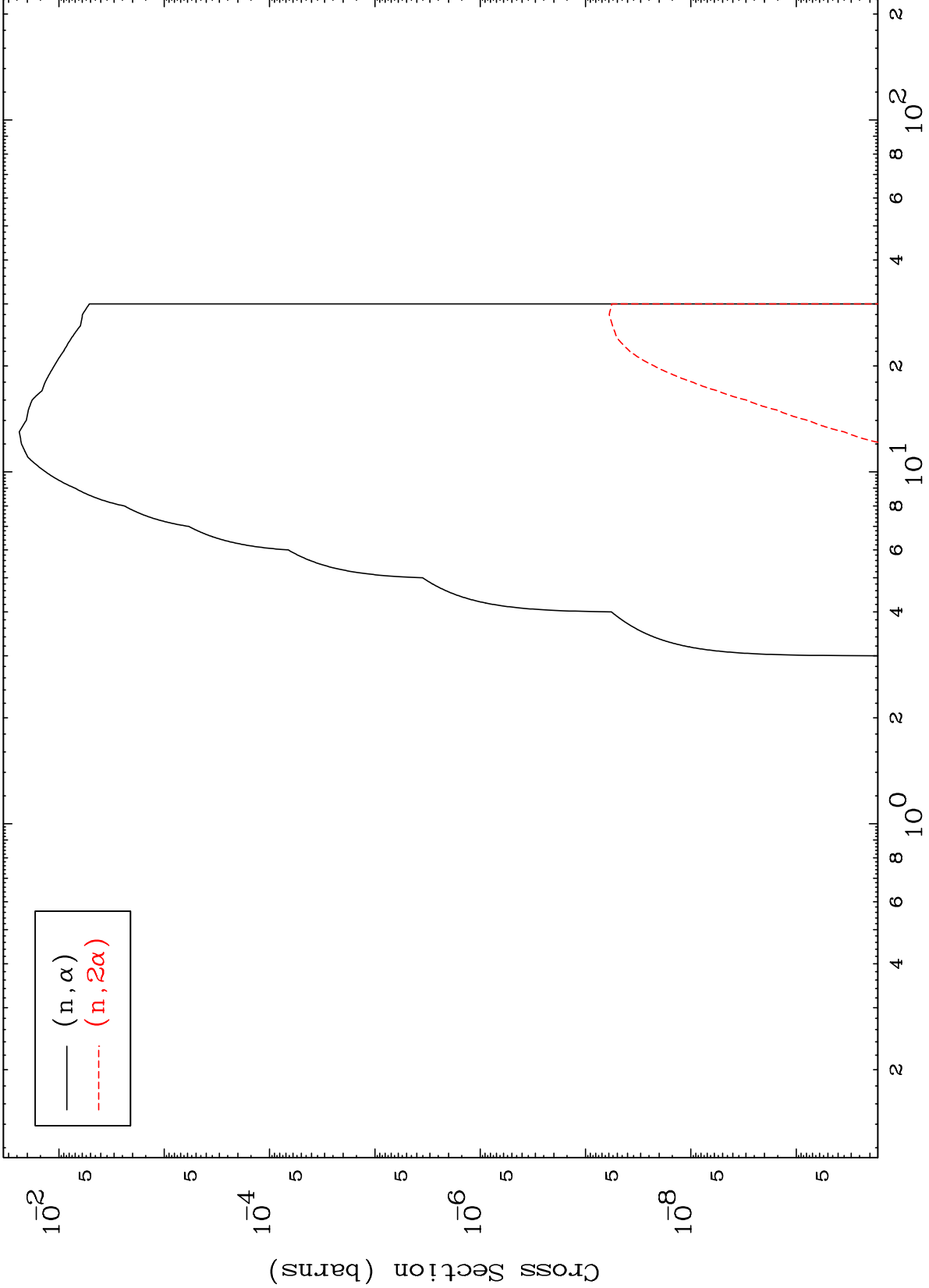


MAT 2952

(He-3,  $\alpha$ ) Levels

29-Cu-72

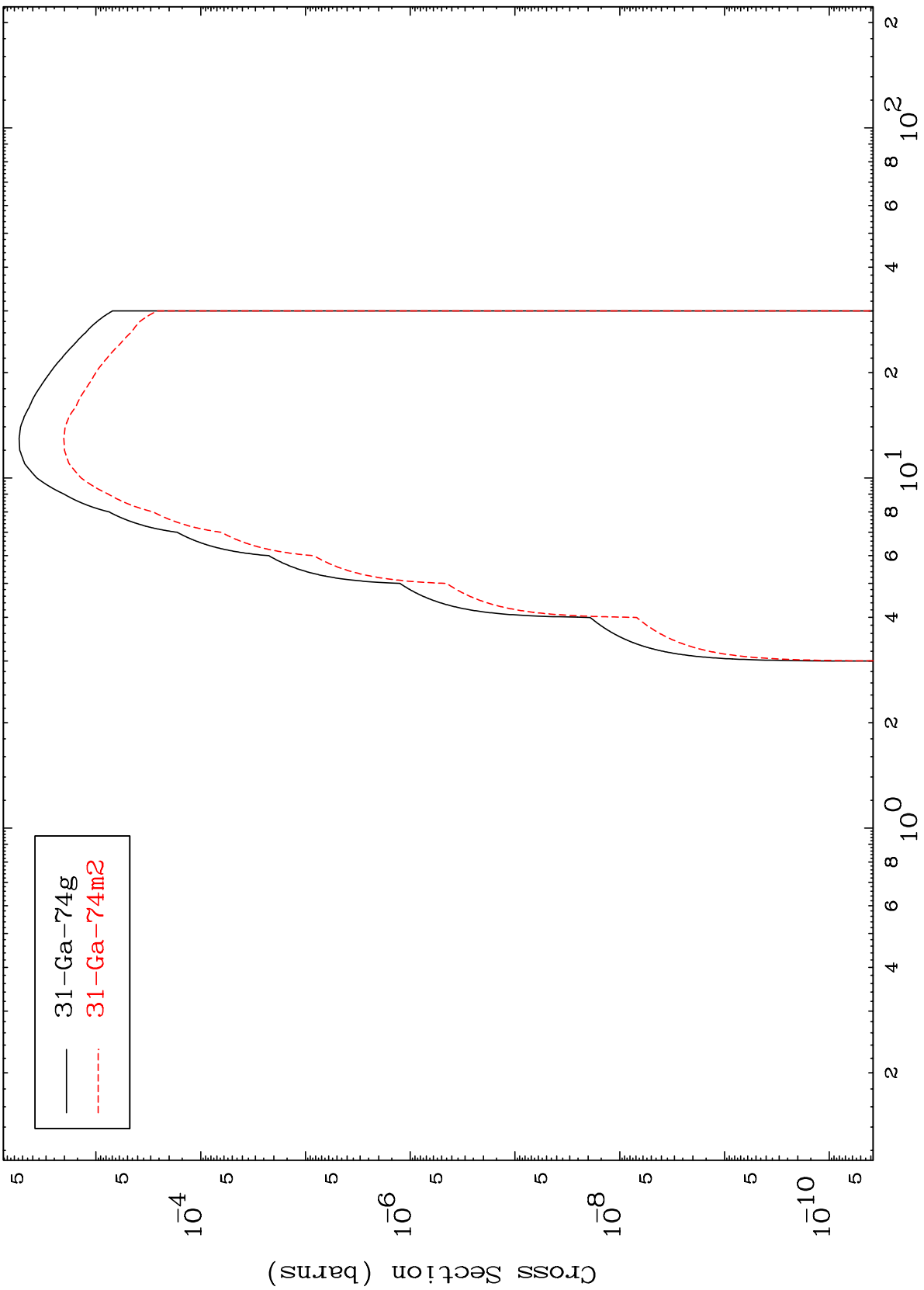
0 Kelvin Cross Sections



MAT 2952

29-Cu-72

Inelastic  
Radionuclide Production Cross Section



— 31-Ga-74g  
- - - 31-Ga-74m2

29-Cu-72

Incident Energy (MeV)

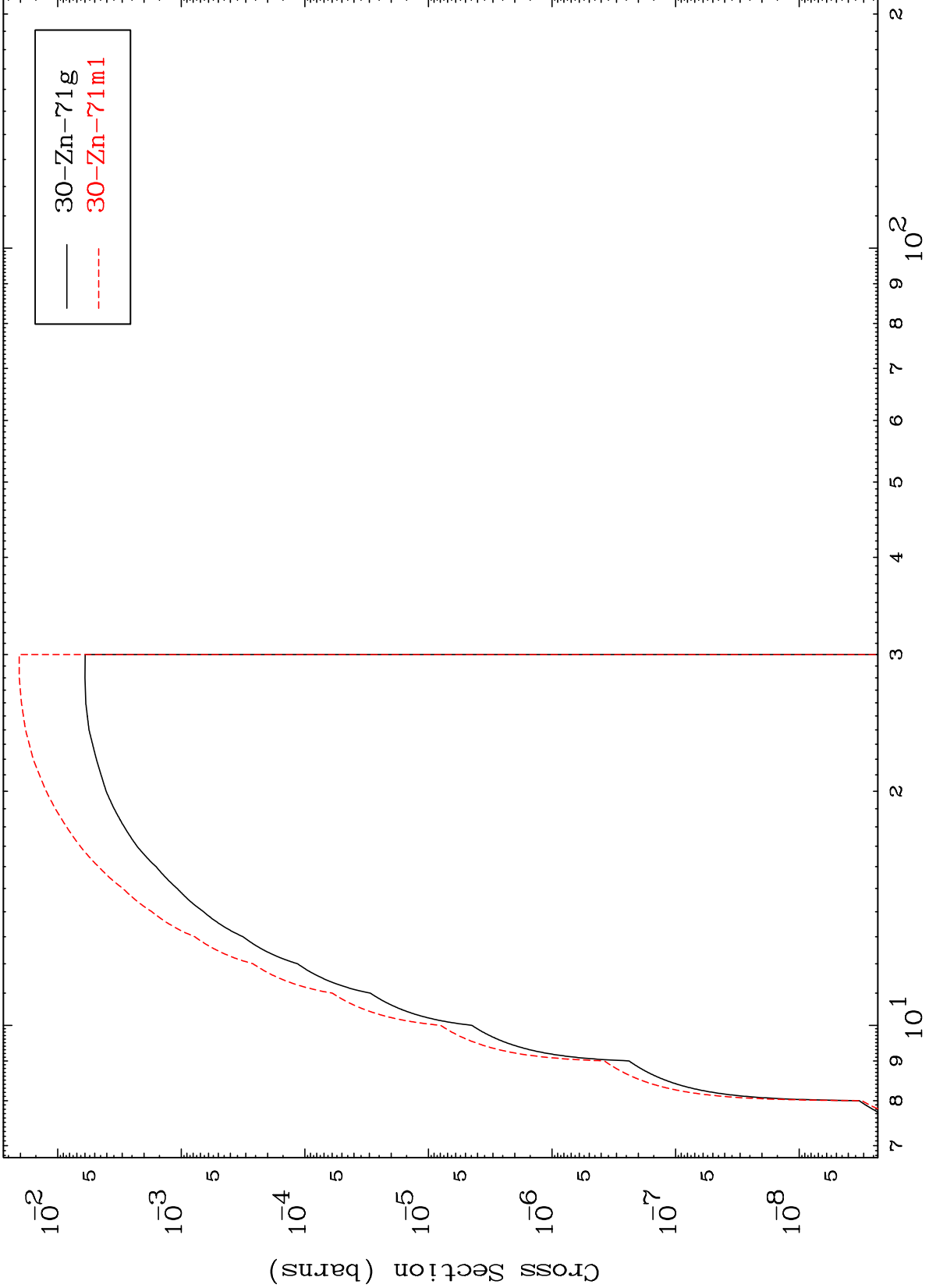
13

MAT 2952

(n,2n) d

29-Cu-72

Radionuclide Production Cross Section



14

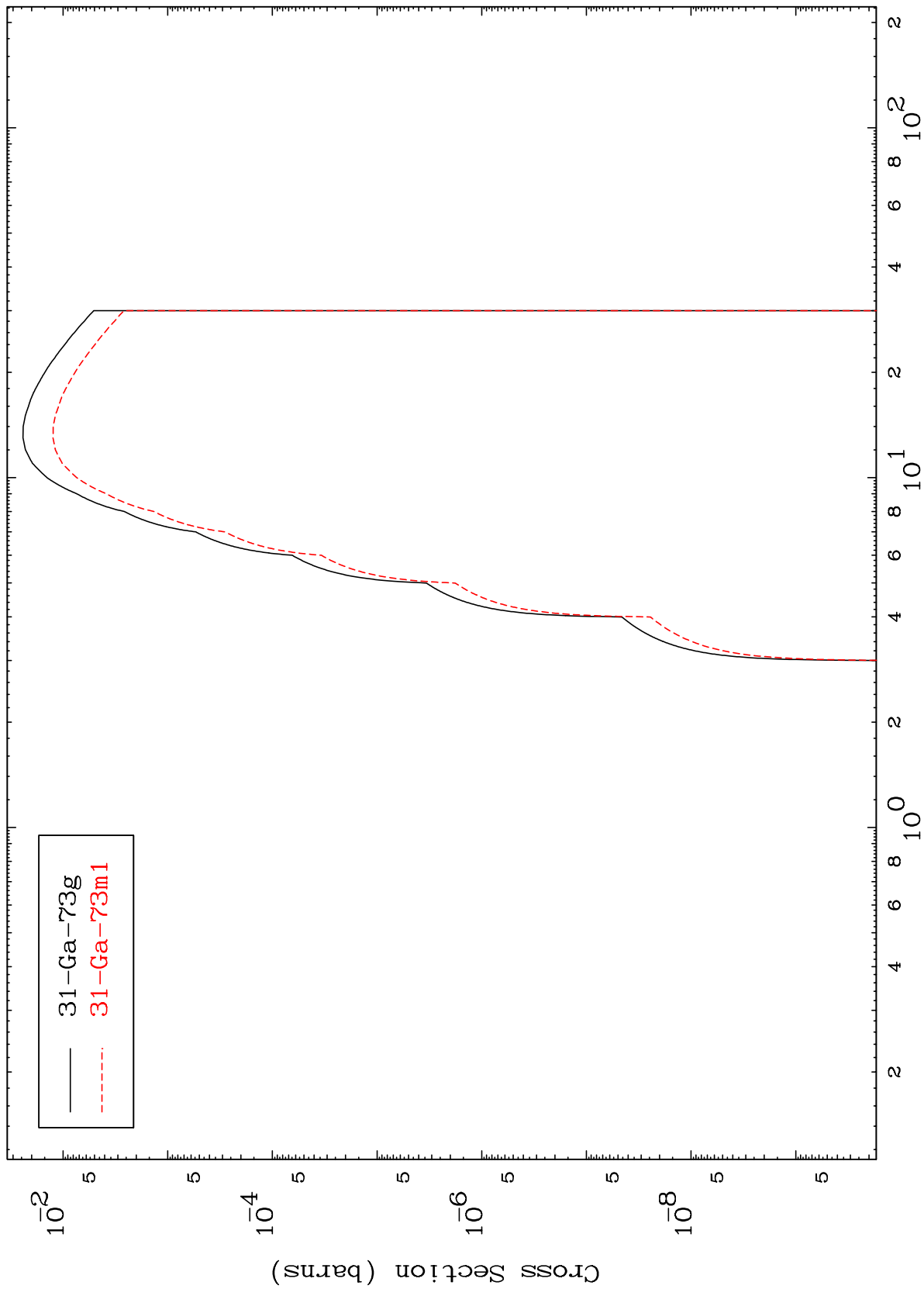
Incident Energy (MeV)

29-Cu-72

MAT 2952

29-Cu-72

(n,2n)  
Radionuclide Production Cross Section



15

29-Cu-72

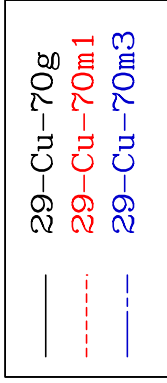
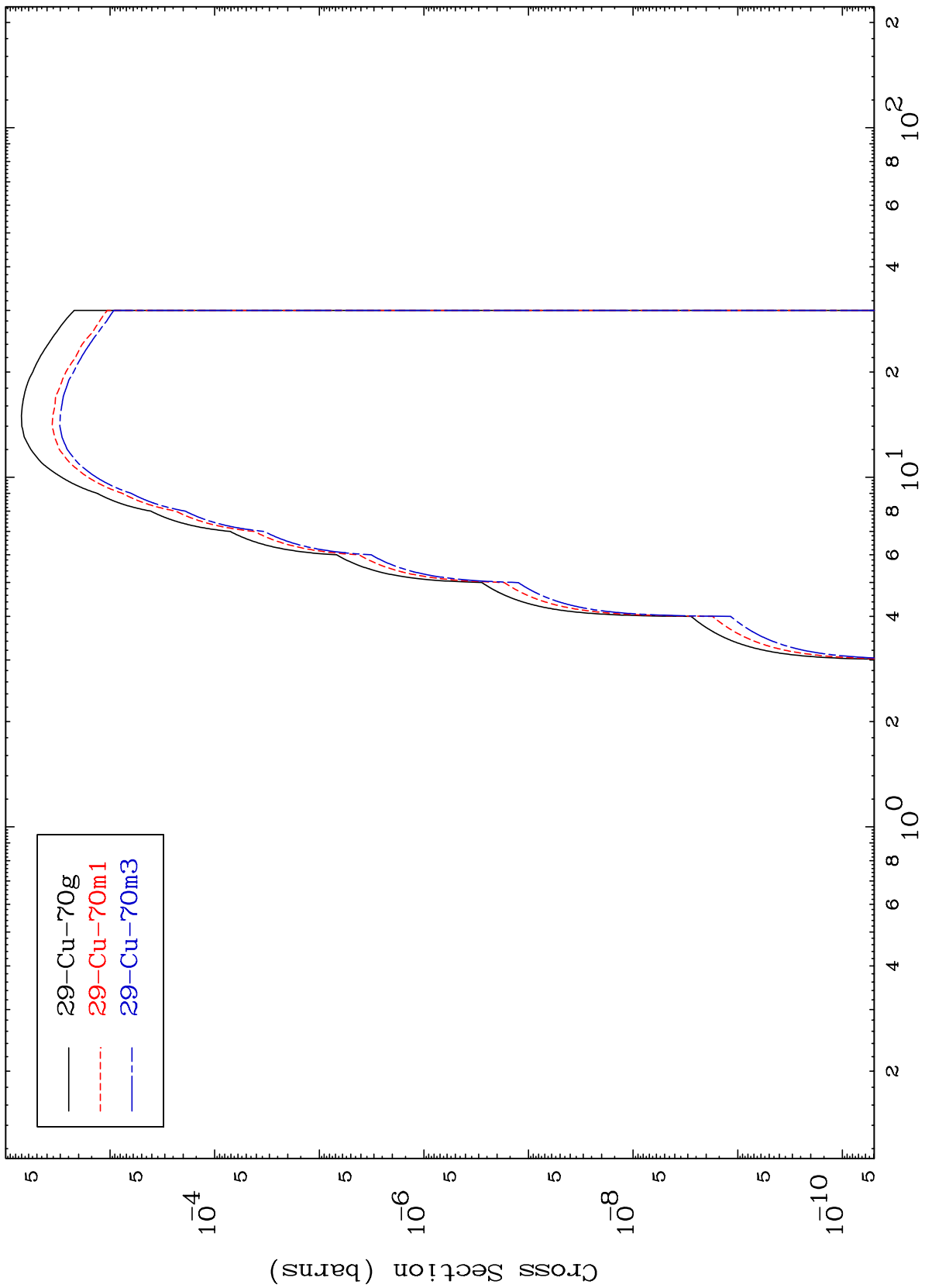
Incident Energy (MeV)

MAT 2952

(n,n')  $\alpha$

29-Cu-72

Radionuclide Production Cross Section

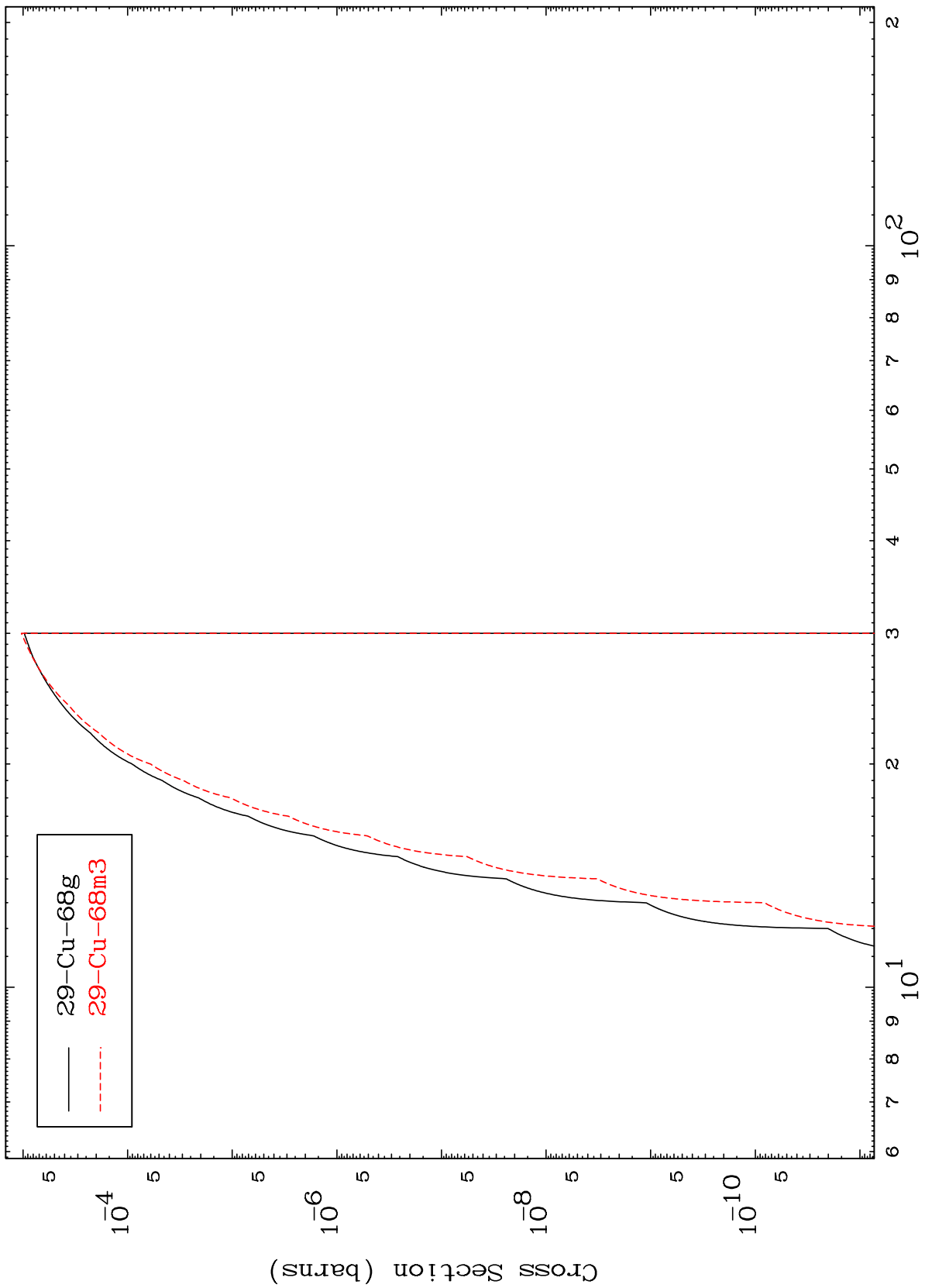


MAT 2952

$(n,3n) \alpha$

$^{29}\text{Cu-72}$

Radionuclide Production Cross Section



Legend:  
—  $^{29}\text{Cu-68g}$   
- - -  $^{29}\text{Cu-68m3}$

17

Incident Energy (MeV)

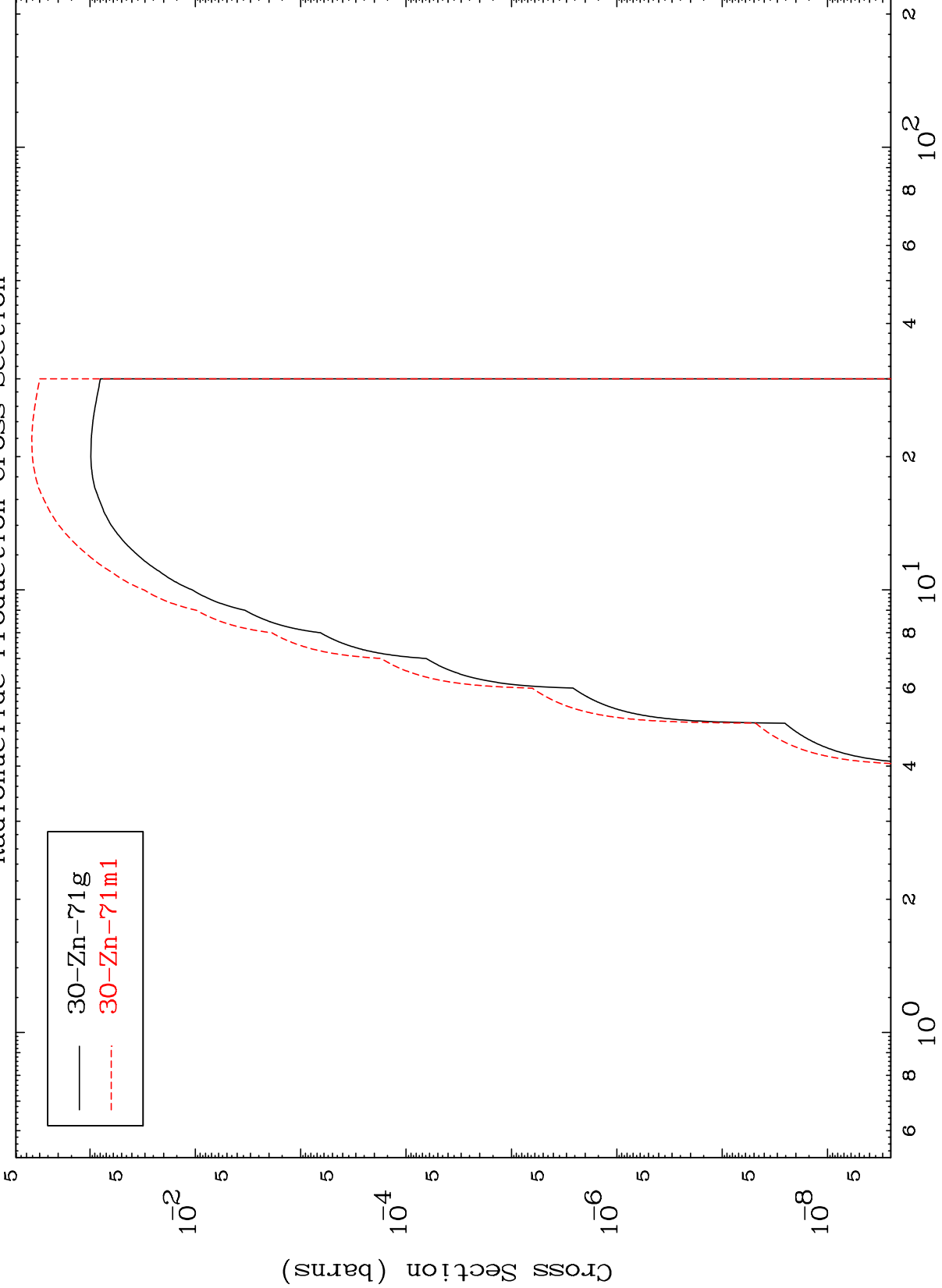
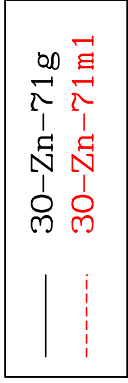
$^{29}\text{Cu-72}$

MAT 2952

(n,n') t

29-Cu-72

Radionuclide Production Cross Section



18

Incident Energy (MeV)

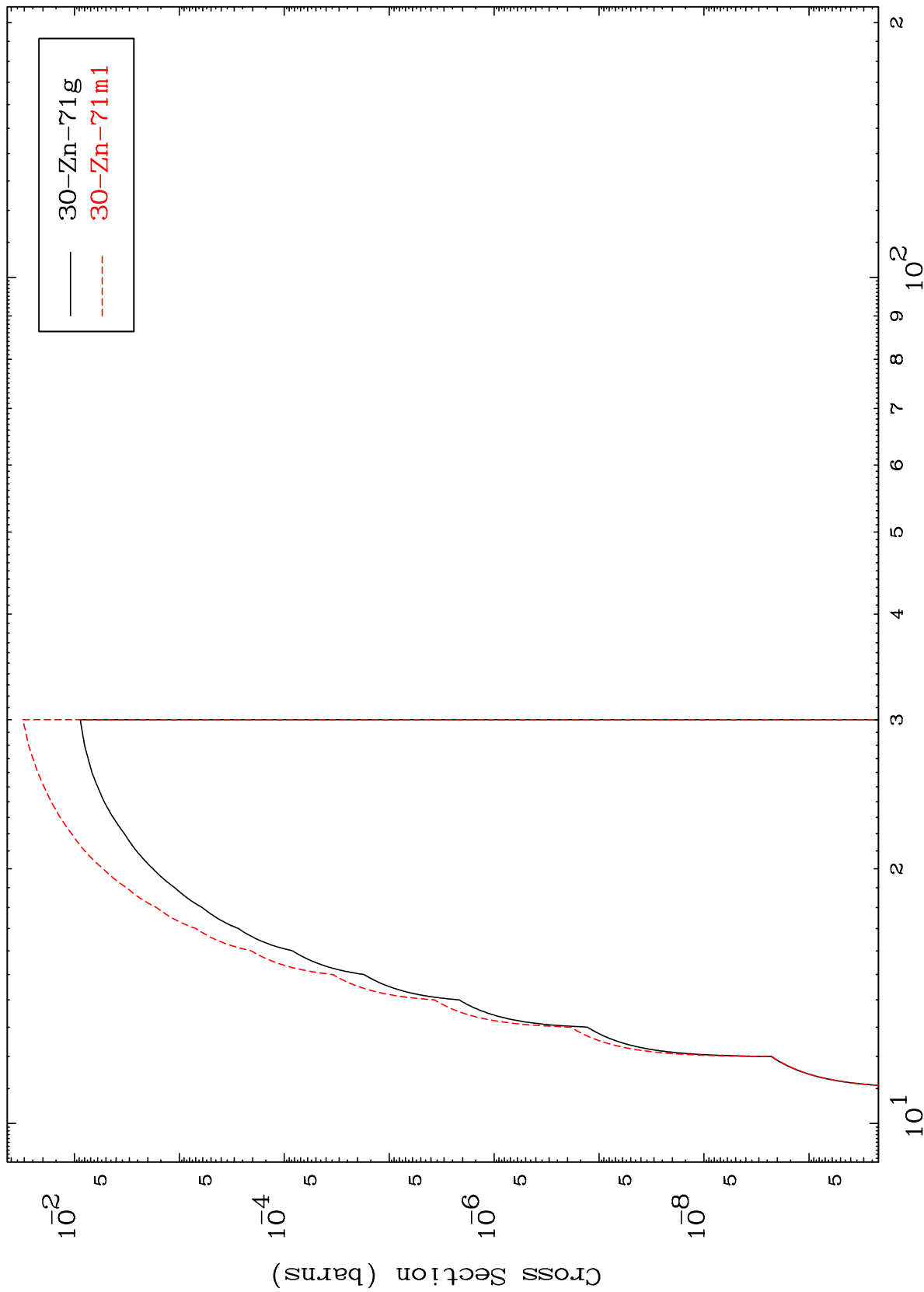
29-Cu-72

MAT 2952

(n,3n) p

29-Cu-72

Radionuclide Production Cross Section



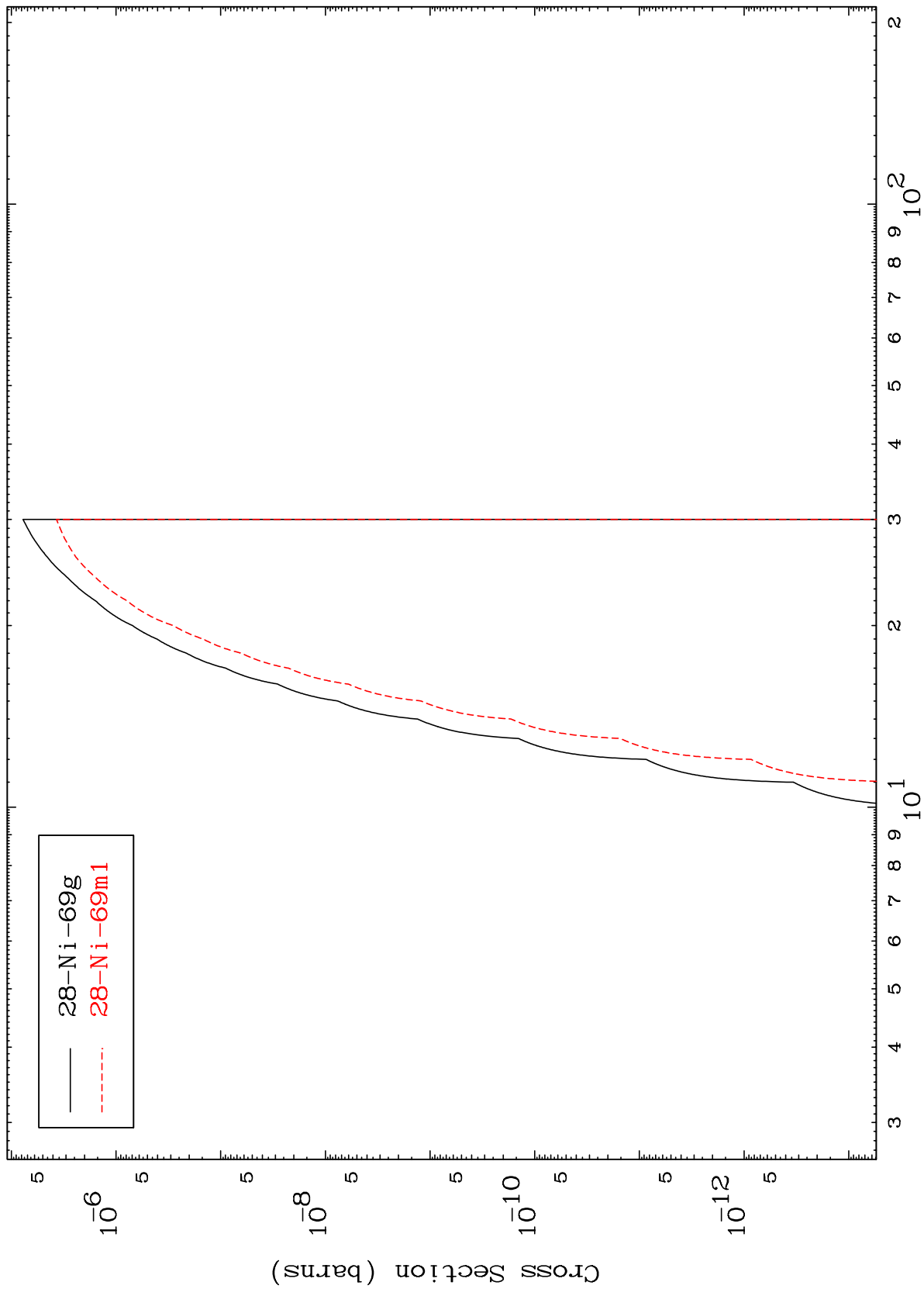
Incident Energy (MeV)

29-Cu-72

MAT 2952

29-Cu-72

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



20

Incident Energy (MeV)

29-Cu-72

MAT 2952

(n,d)  $\alpha$

29-Cu-72

Radionuclide Production Cross Section

