

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

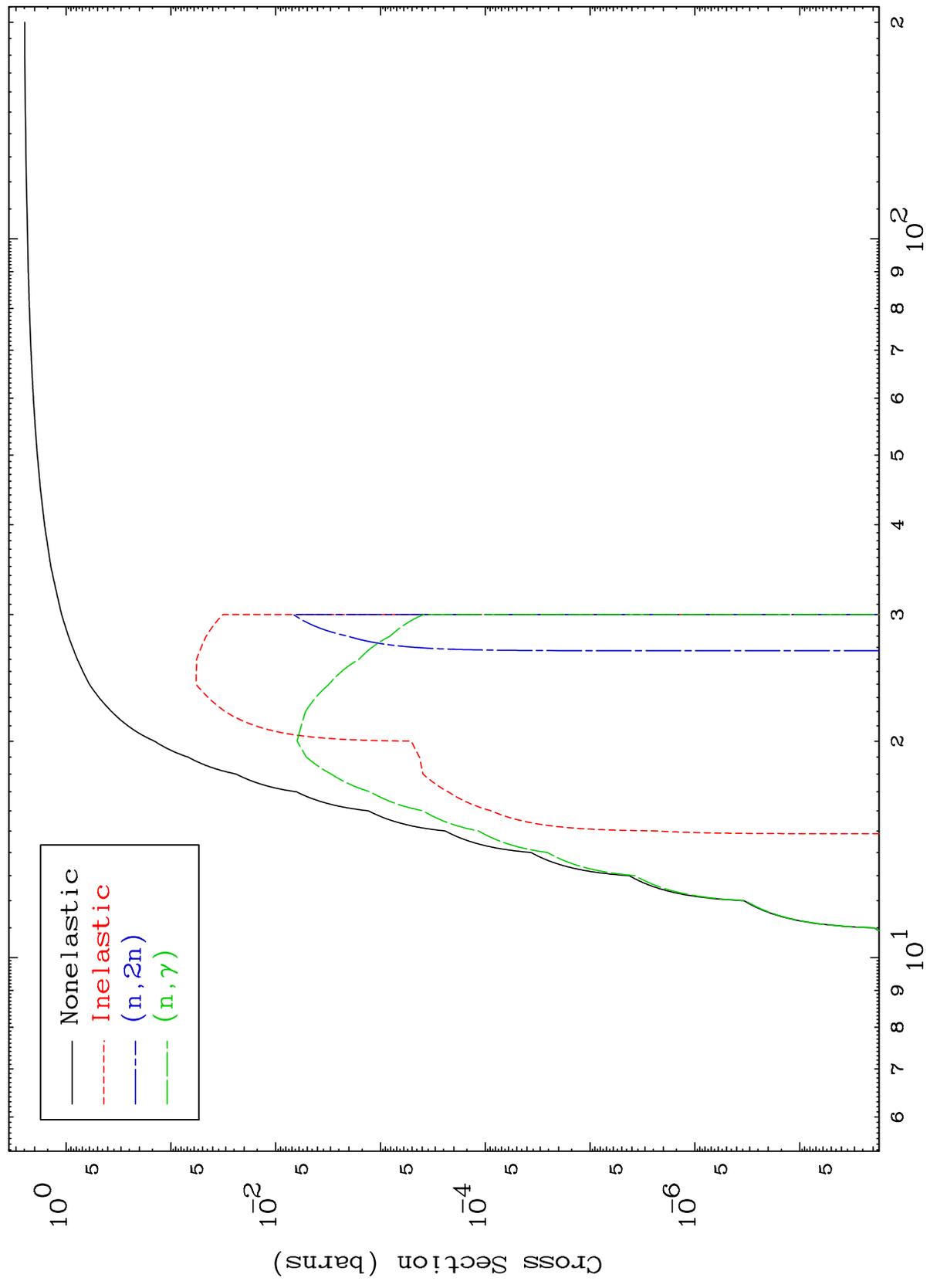
Press Mouse Button to Start

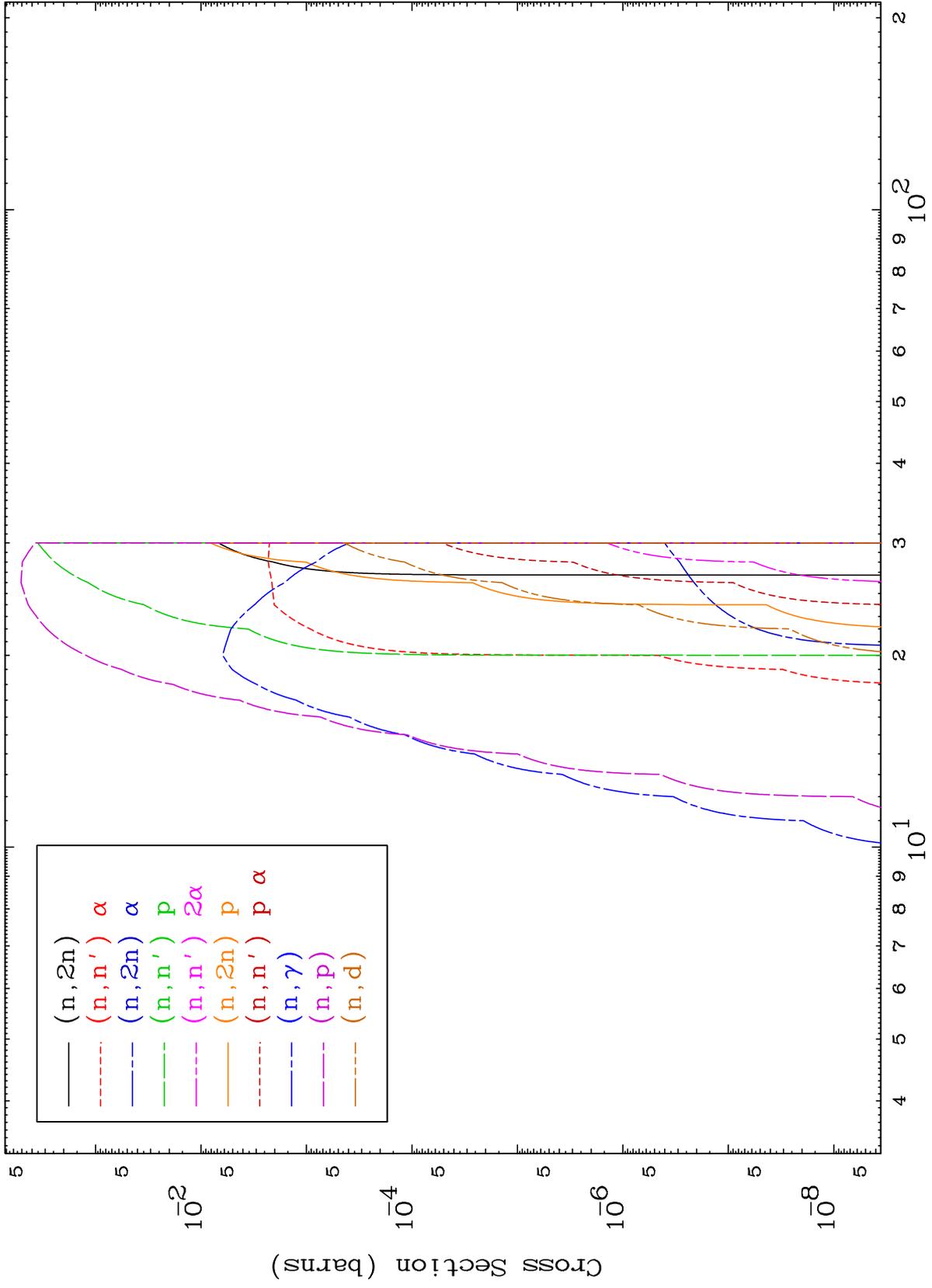
MAT 7180

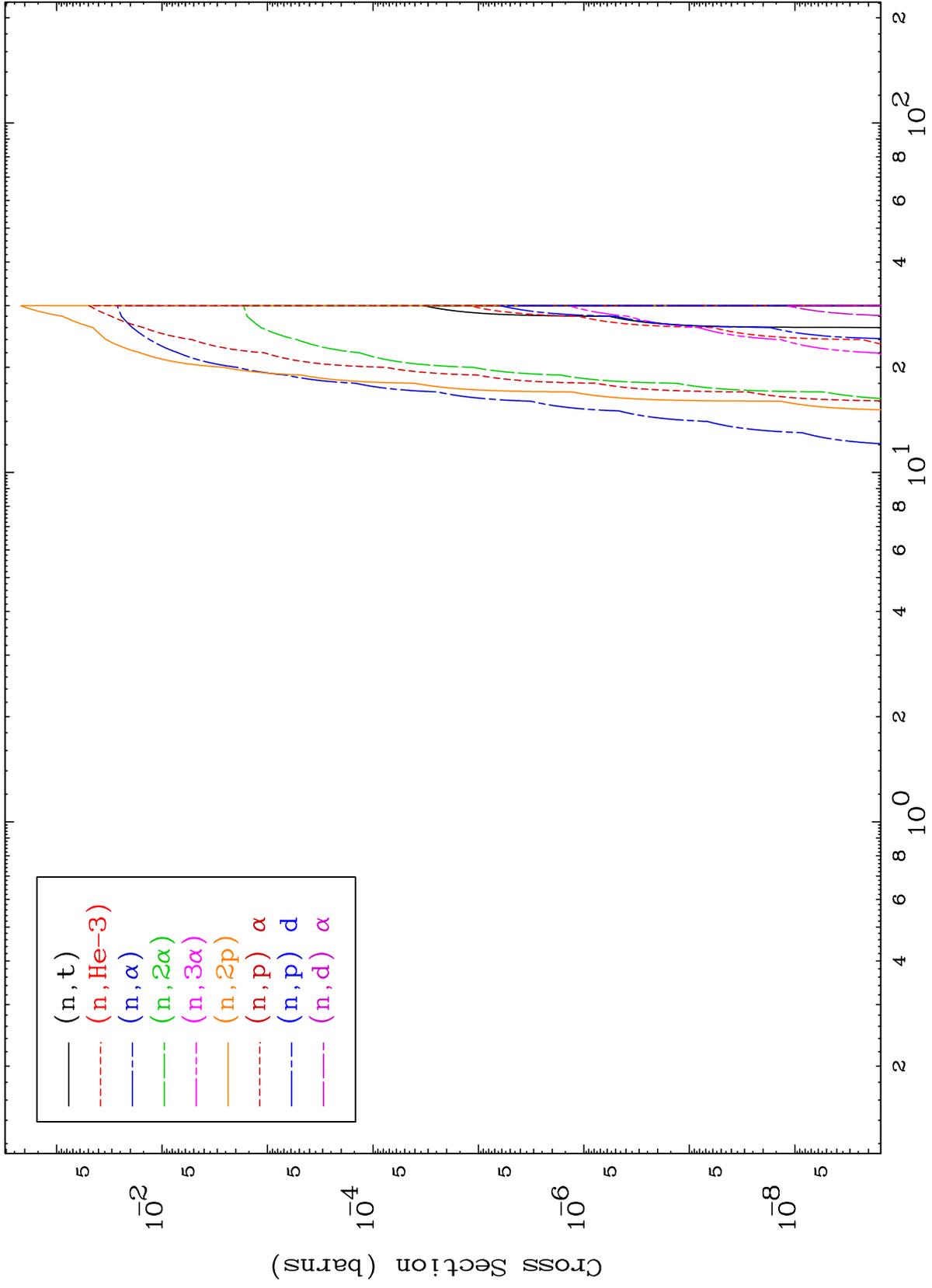
0 Kelvin

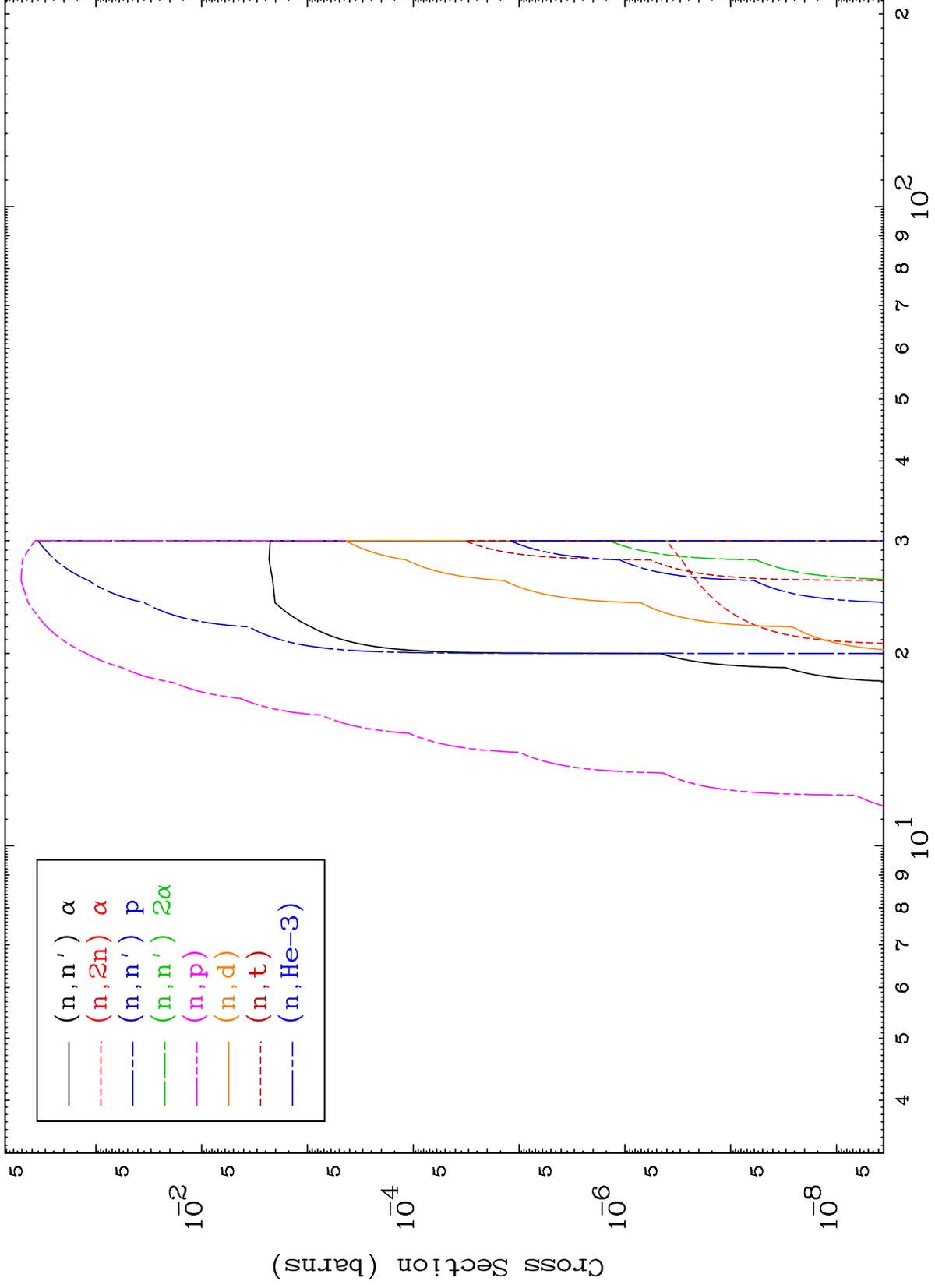
α Major

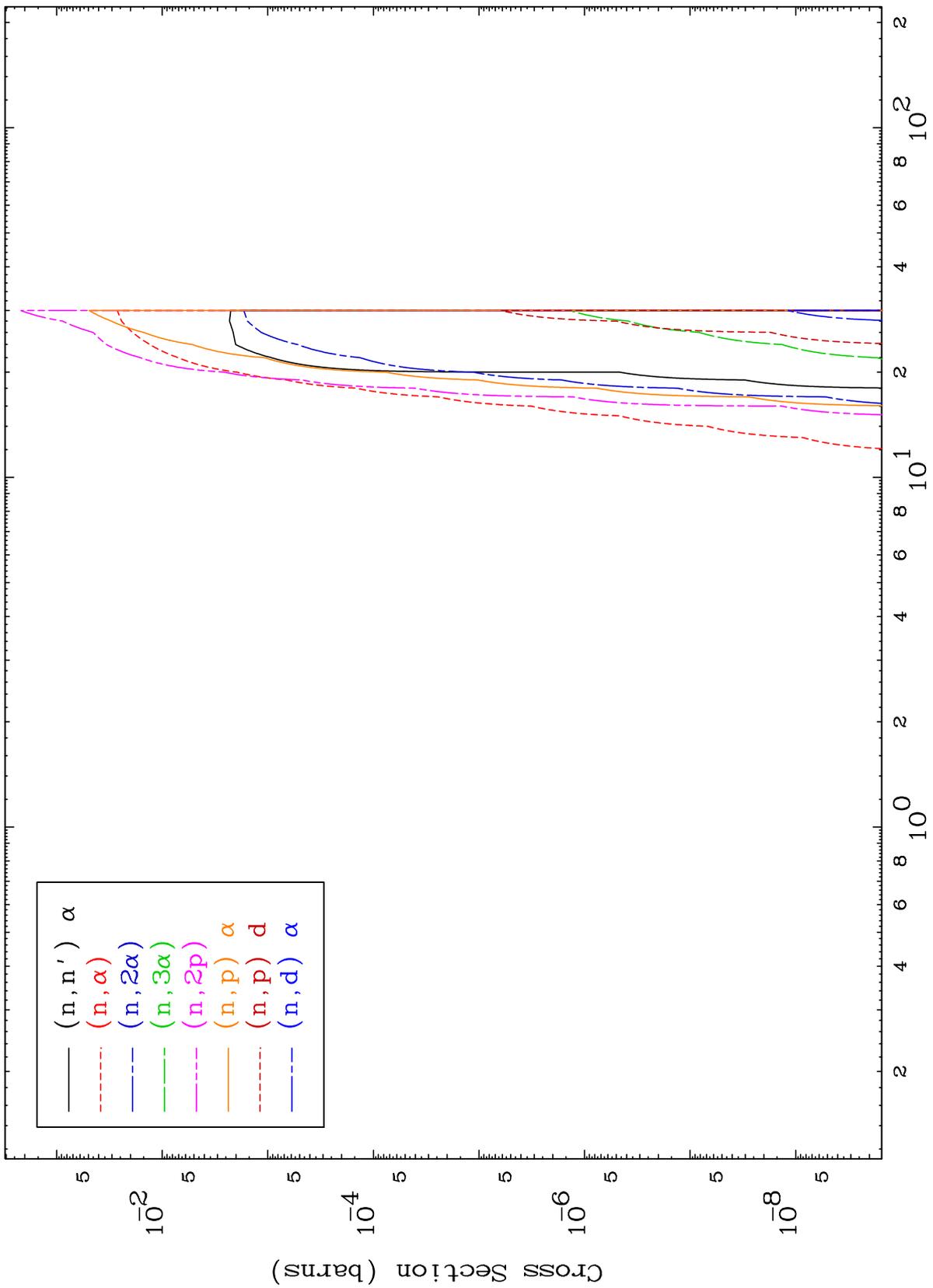
72-Hf-159









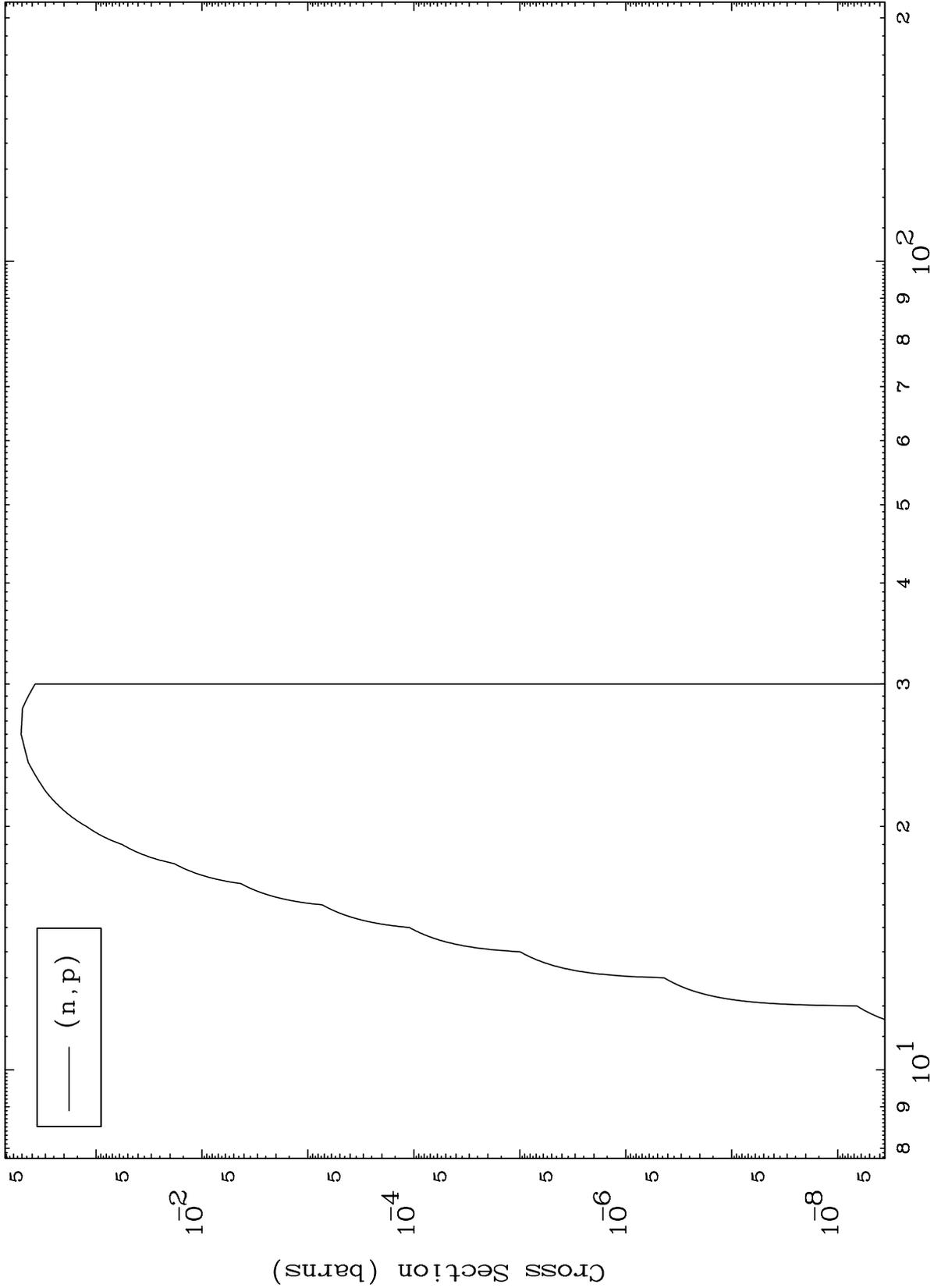


MAT 7180

( $\alpha, p$ ) Levels

72-Hf-159

0 Kelvin Cross Sections



Incident Energy (MeV)

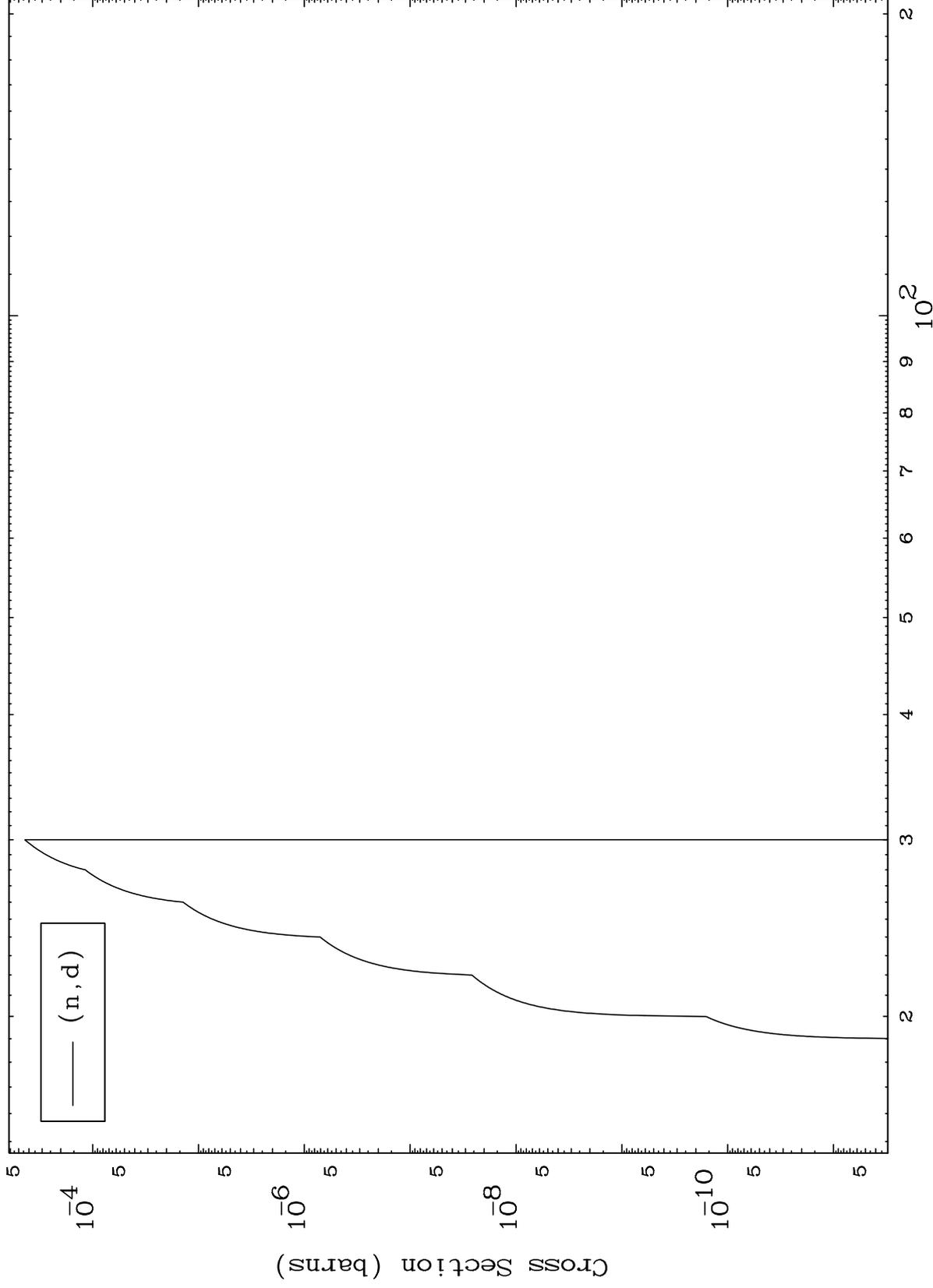
72-Hf-159

6

MAT 7180

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

72-Hf-159



7

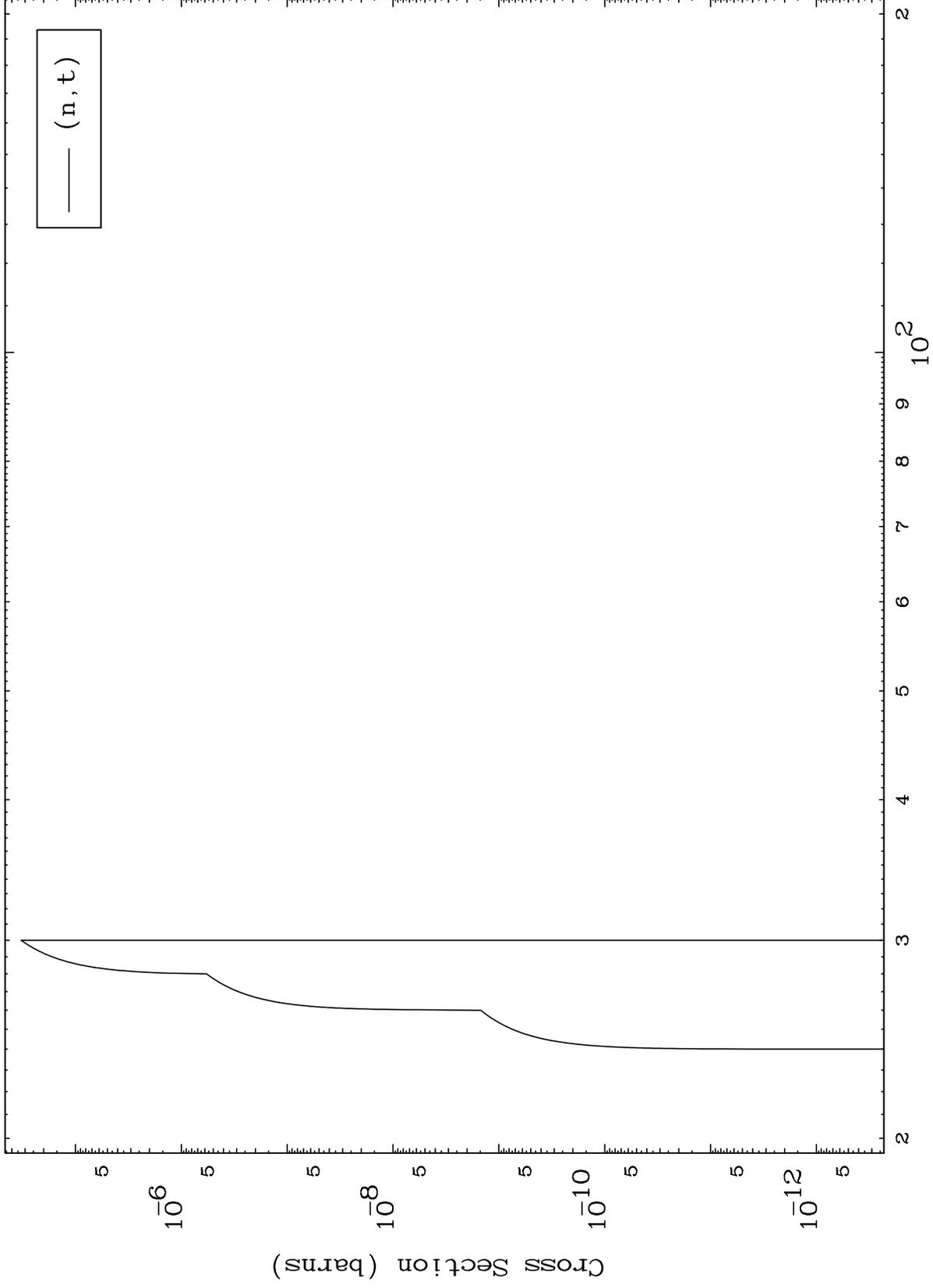
Incident Energy (MeV)

72-Hf-159

MAT 7180

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

72-Hf-159



8

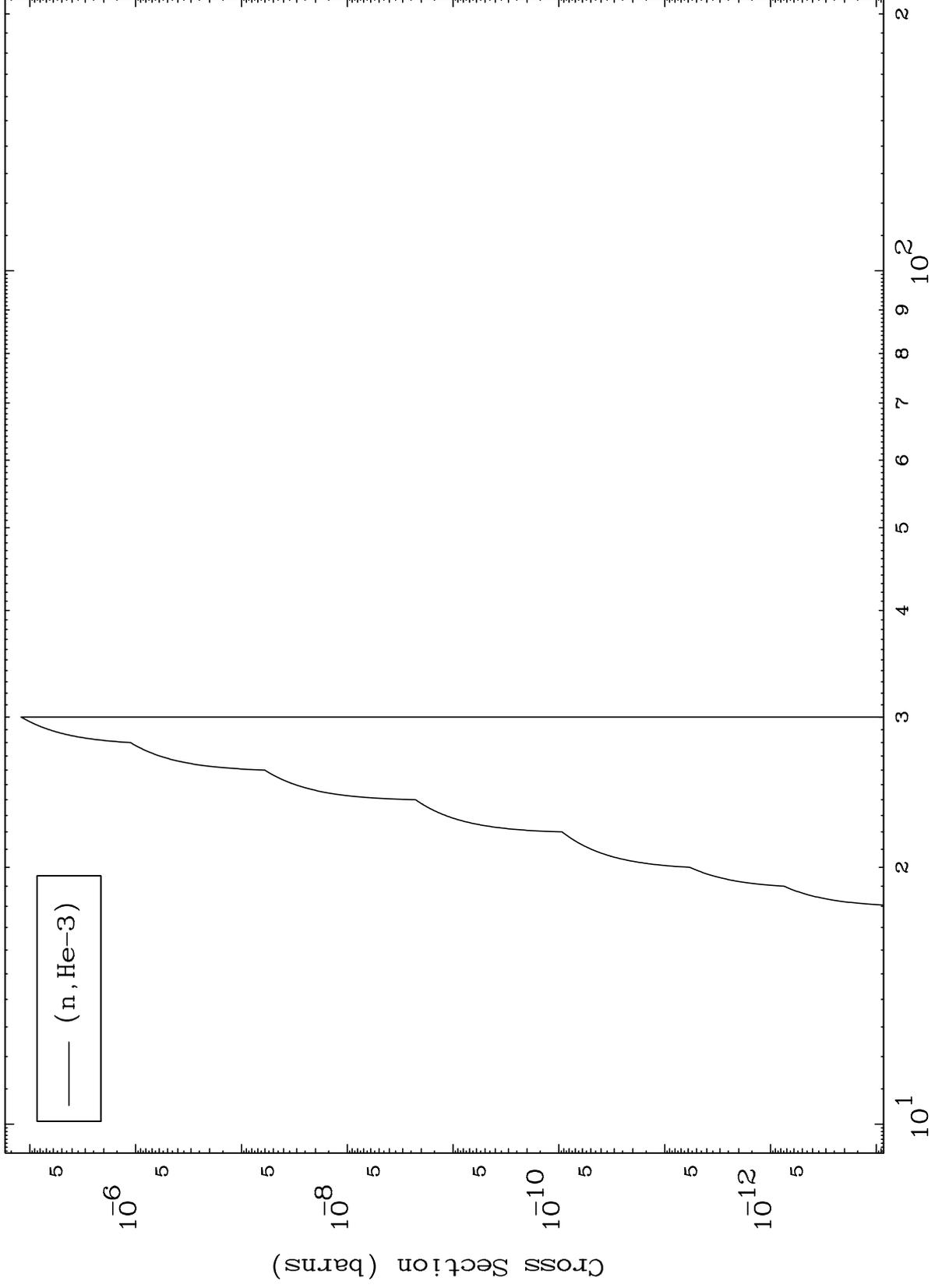
Incident Energy (MeV)

72-Hf-159

MAT 7180

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

72-Hf-159



Incident Energy (MeV)

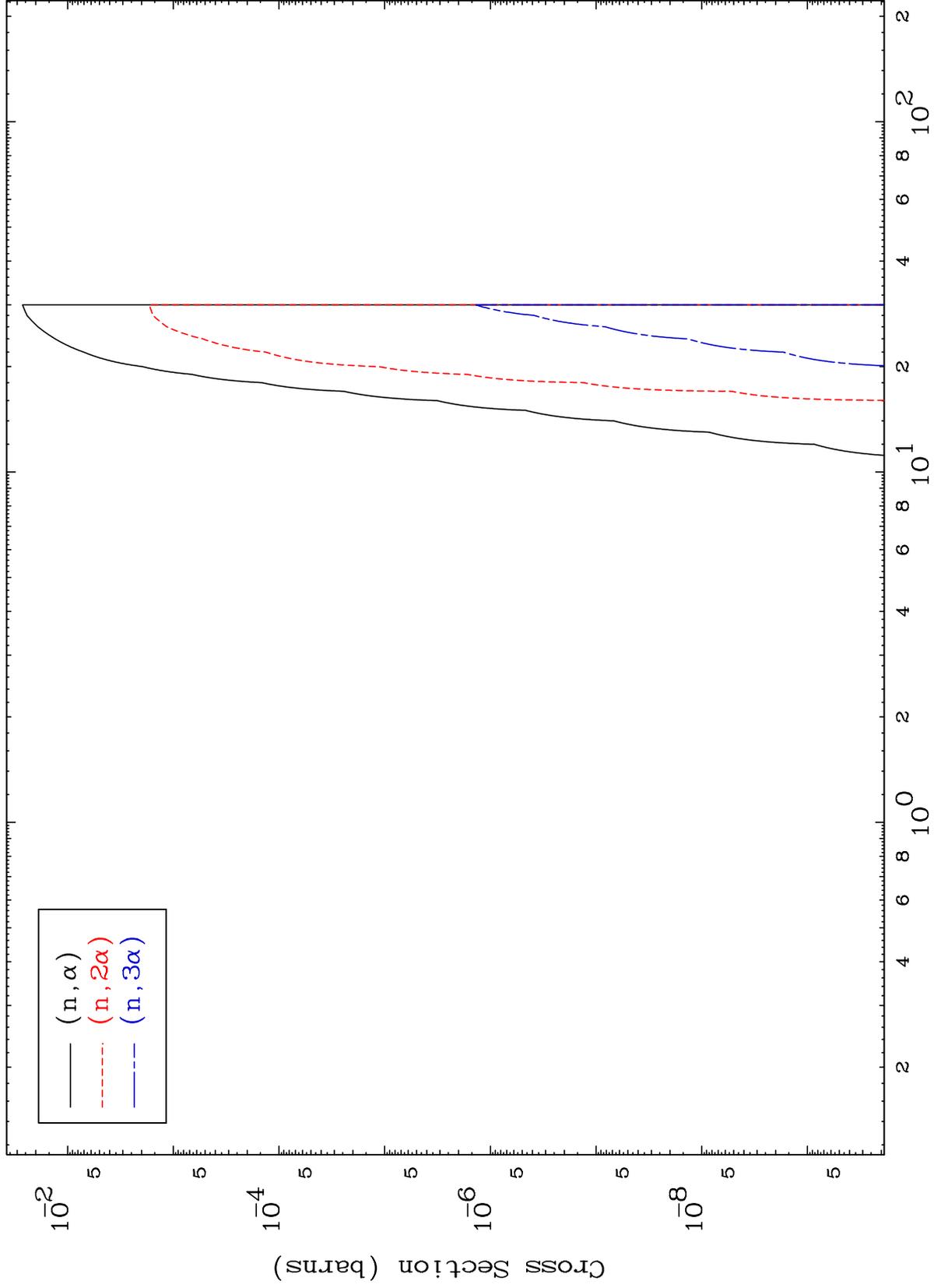
72-Hf-159

MAT 7180

( $\alpha, \alpha$ ) Levels

72-Hf-159

0 Kelvin Cross Sections

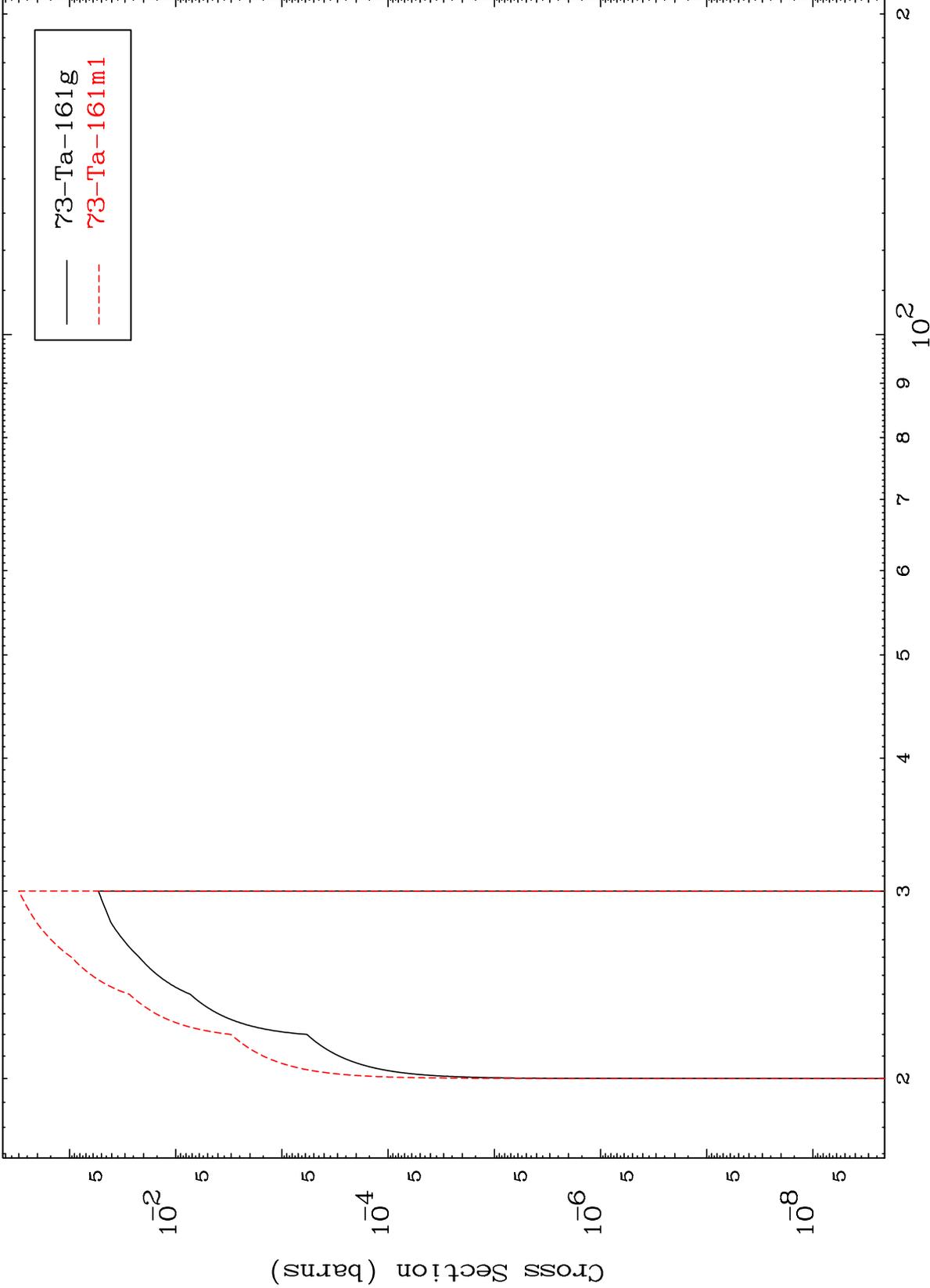


10

Incident Energy (MeV)

72-Hf-159

Radionuclide Production Cross Section

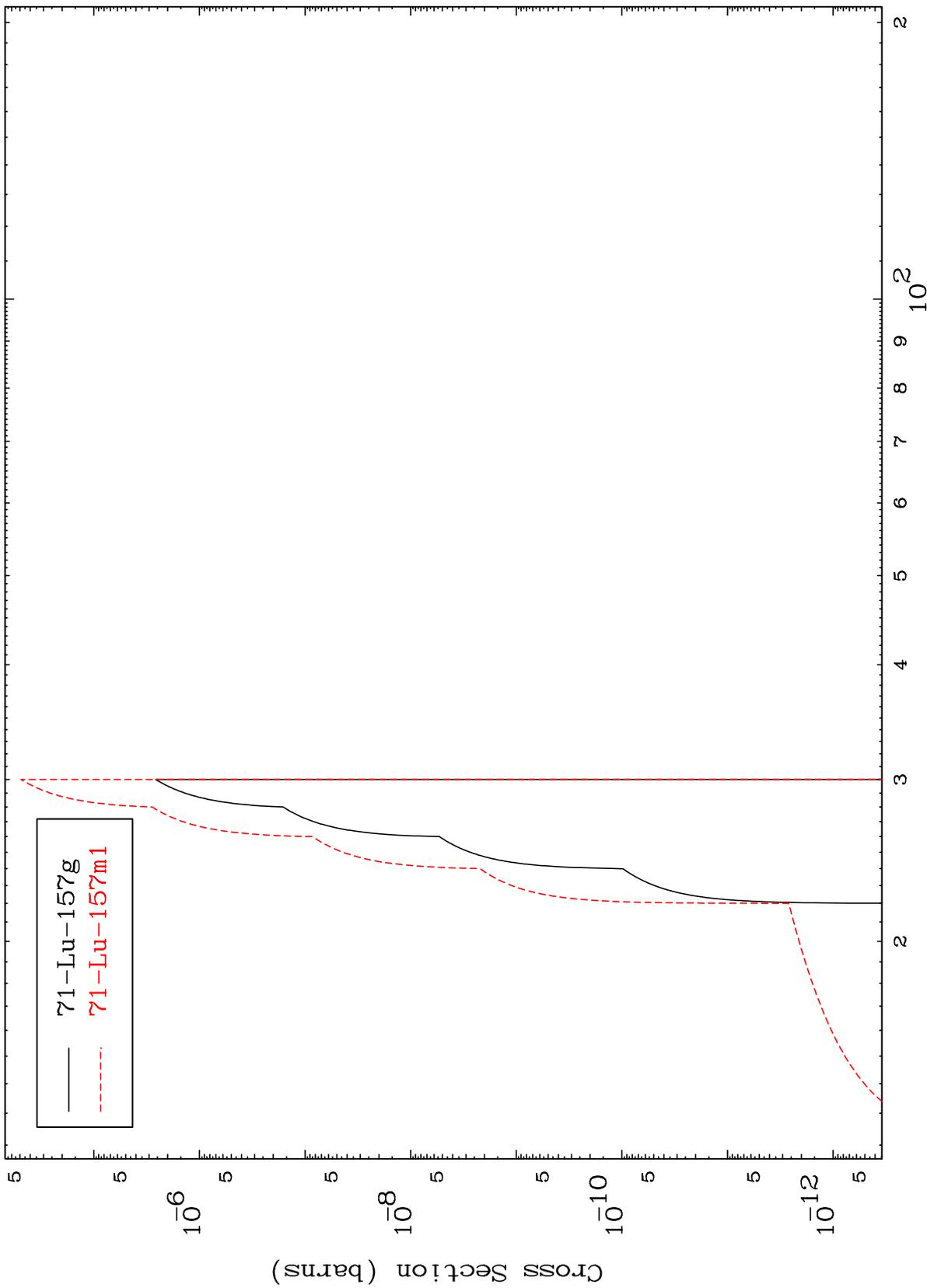


MAT 7180

(n,n') p  $\alpha$

72-Hf-159

Radionuclide Production Cross Section

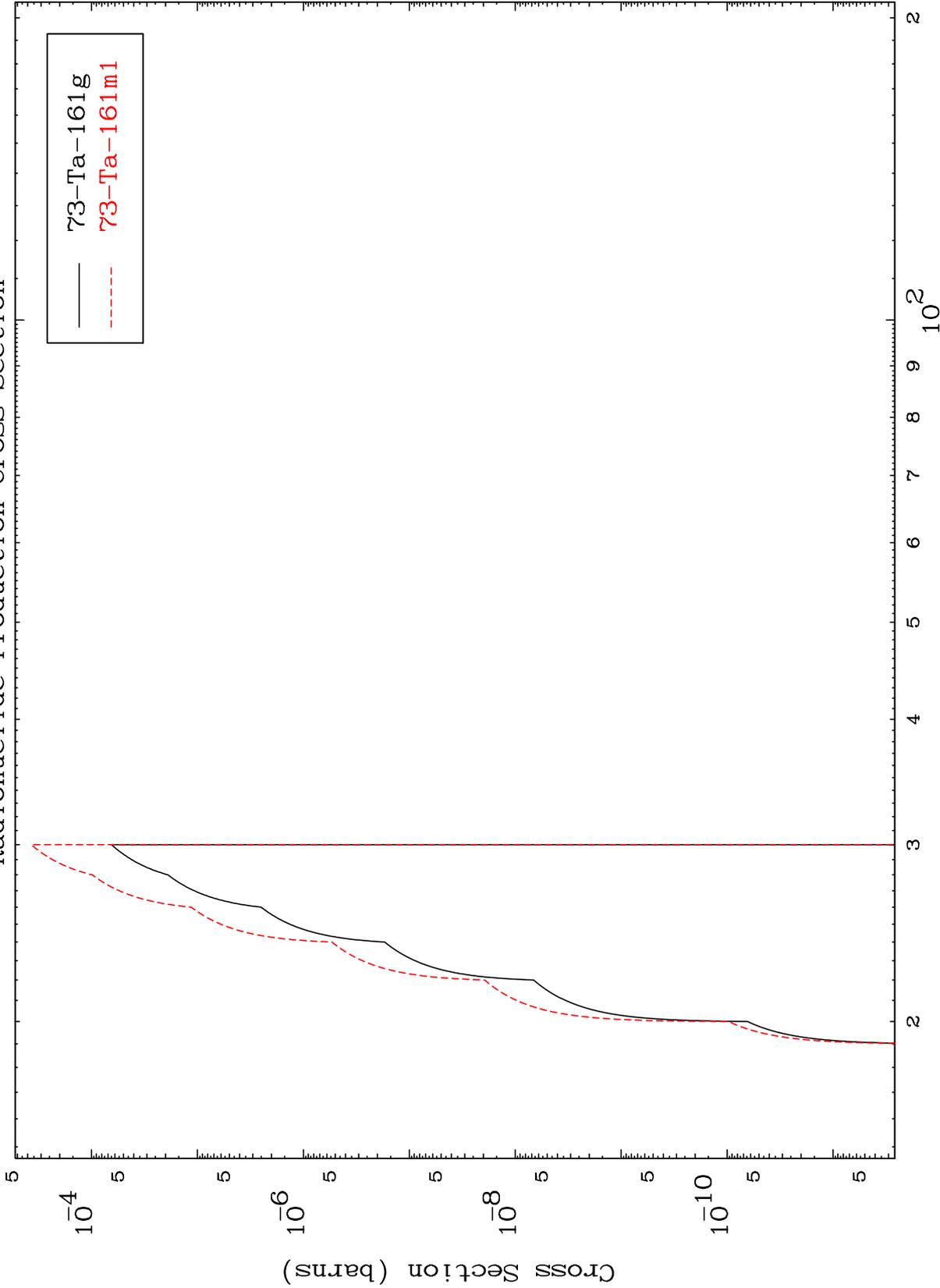


12

Incident Energy (MeV)

72-Hf-159

(n,d)  
Radionuclide Production Cross Section

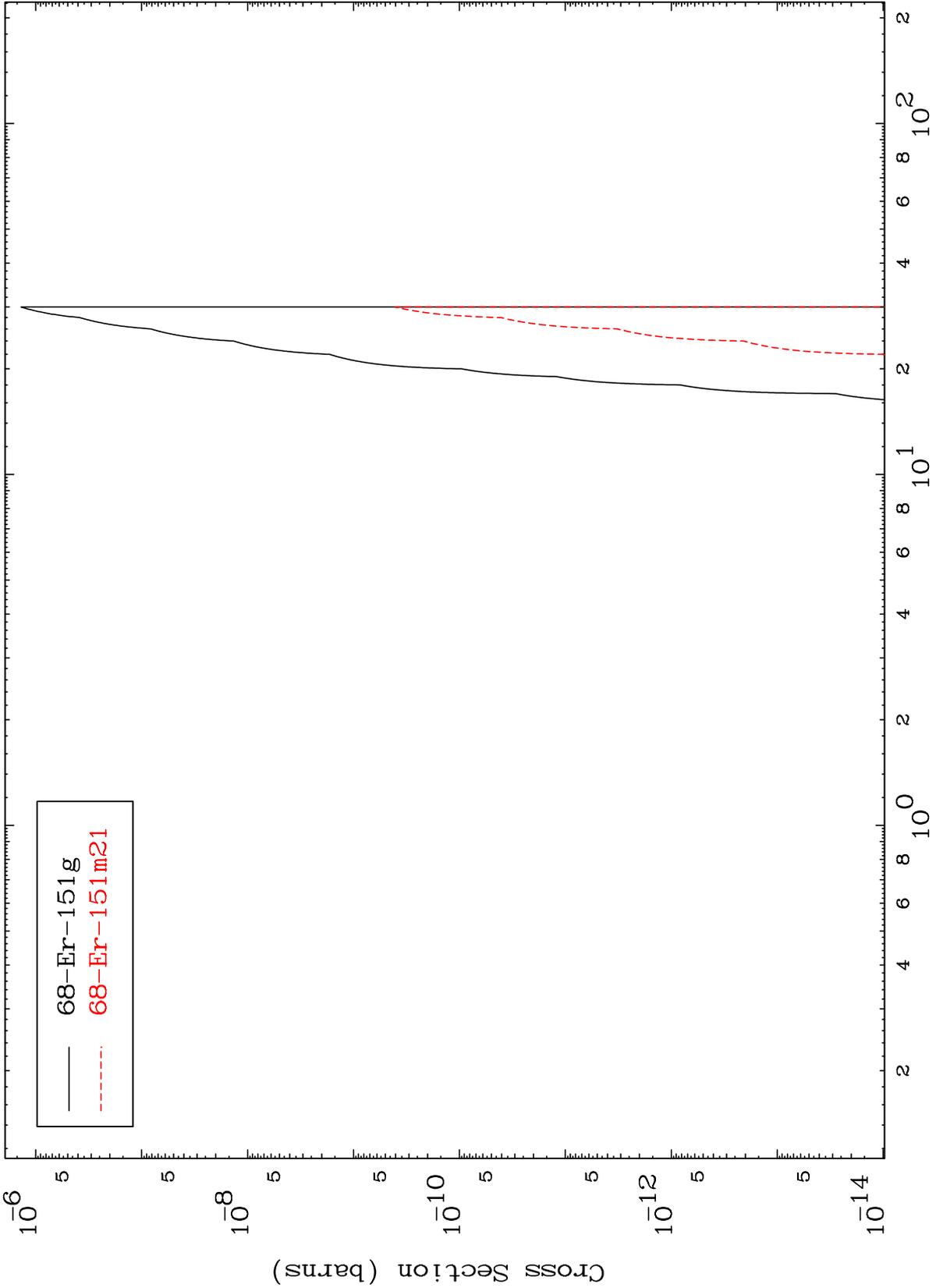


MAT 7180

(n, 3α)

72-Hf-159

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-159

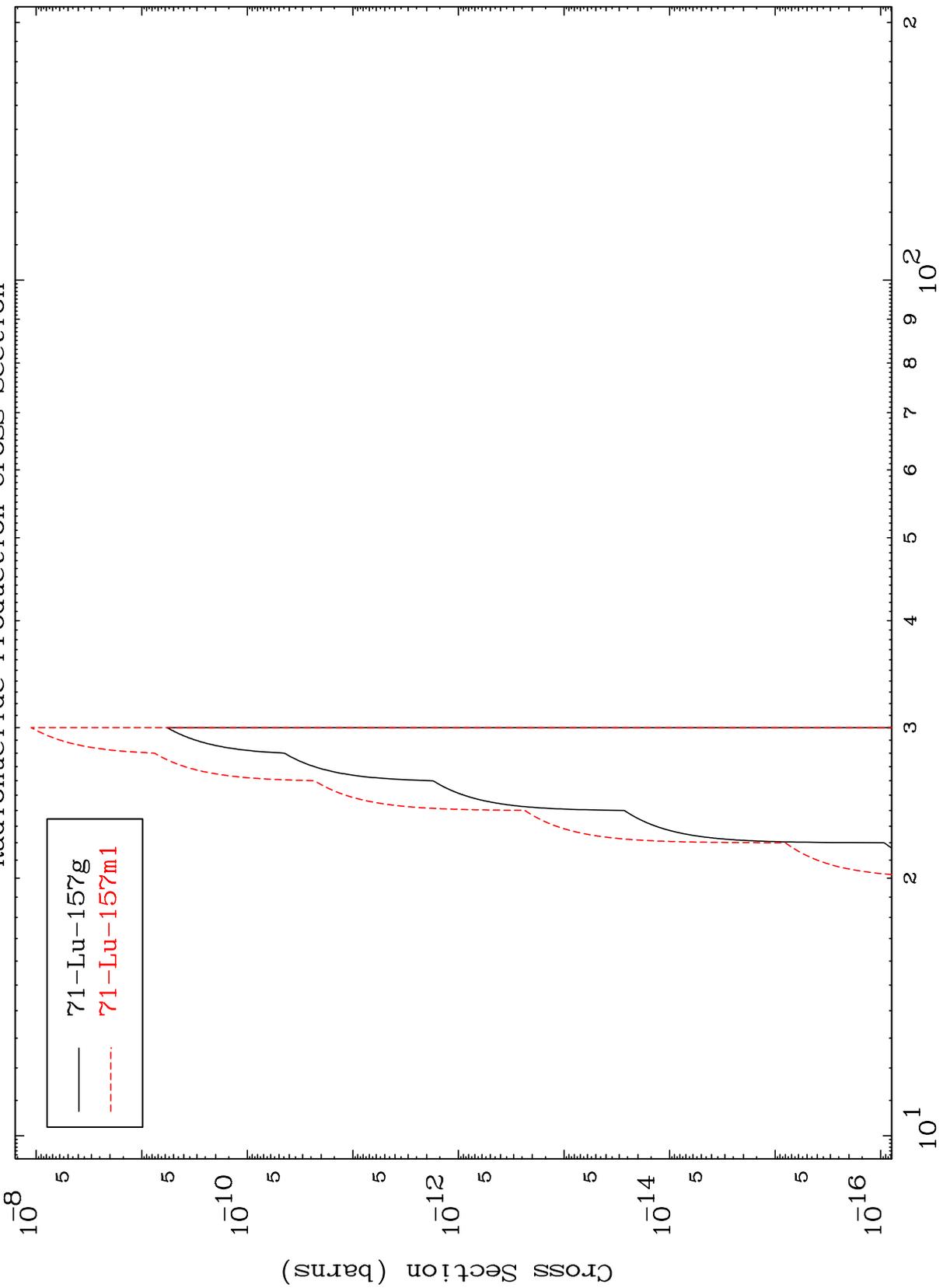
14

MAT 7180

(n,d)  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



71-Lu-157g  
71-Lu-157m1

Incident Energy (MeV)

72-Hf-159