

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

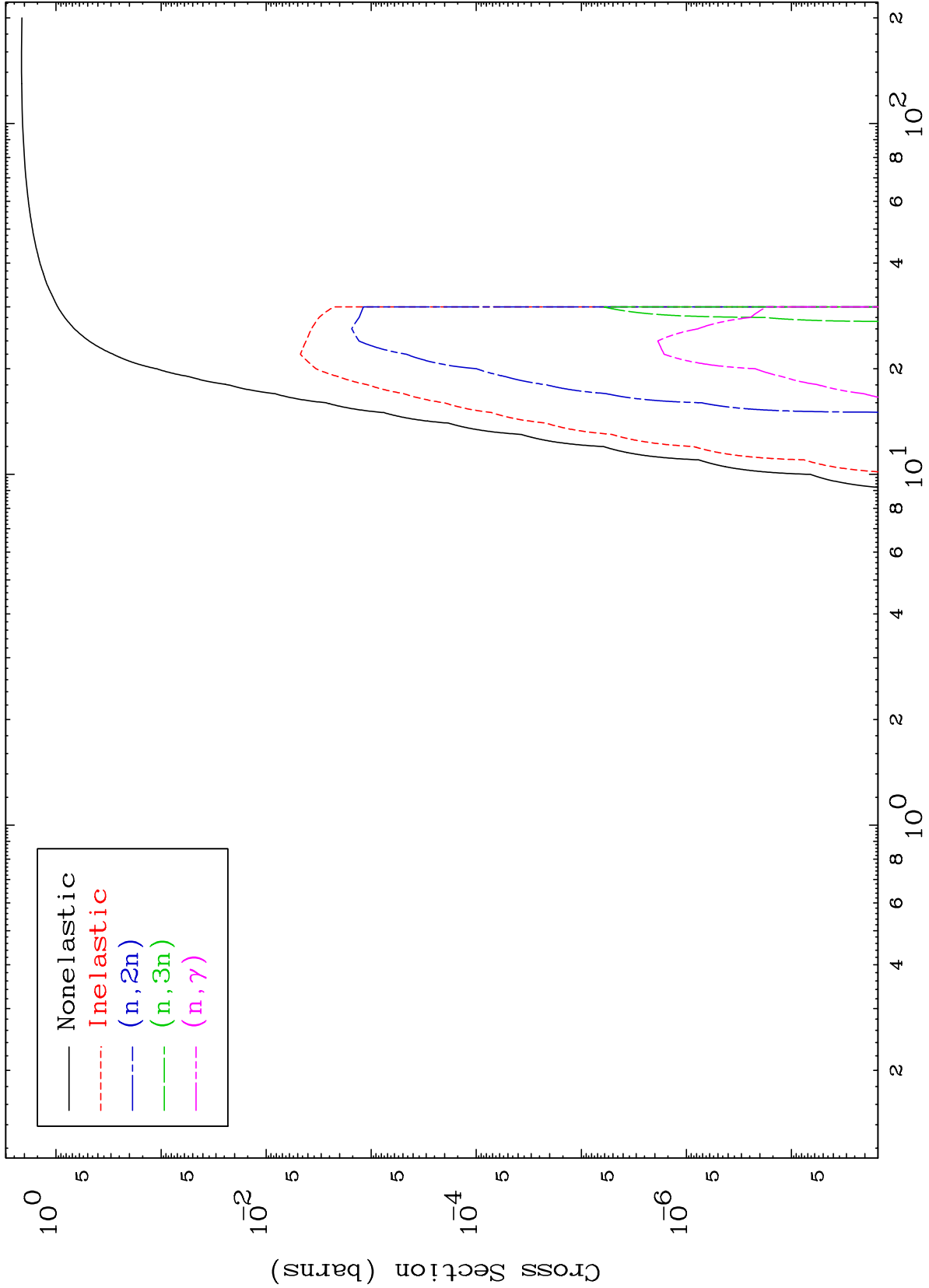
Press Mouse Button to Start

MAT 7180

He-3 Major

72-Hf-159

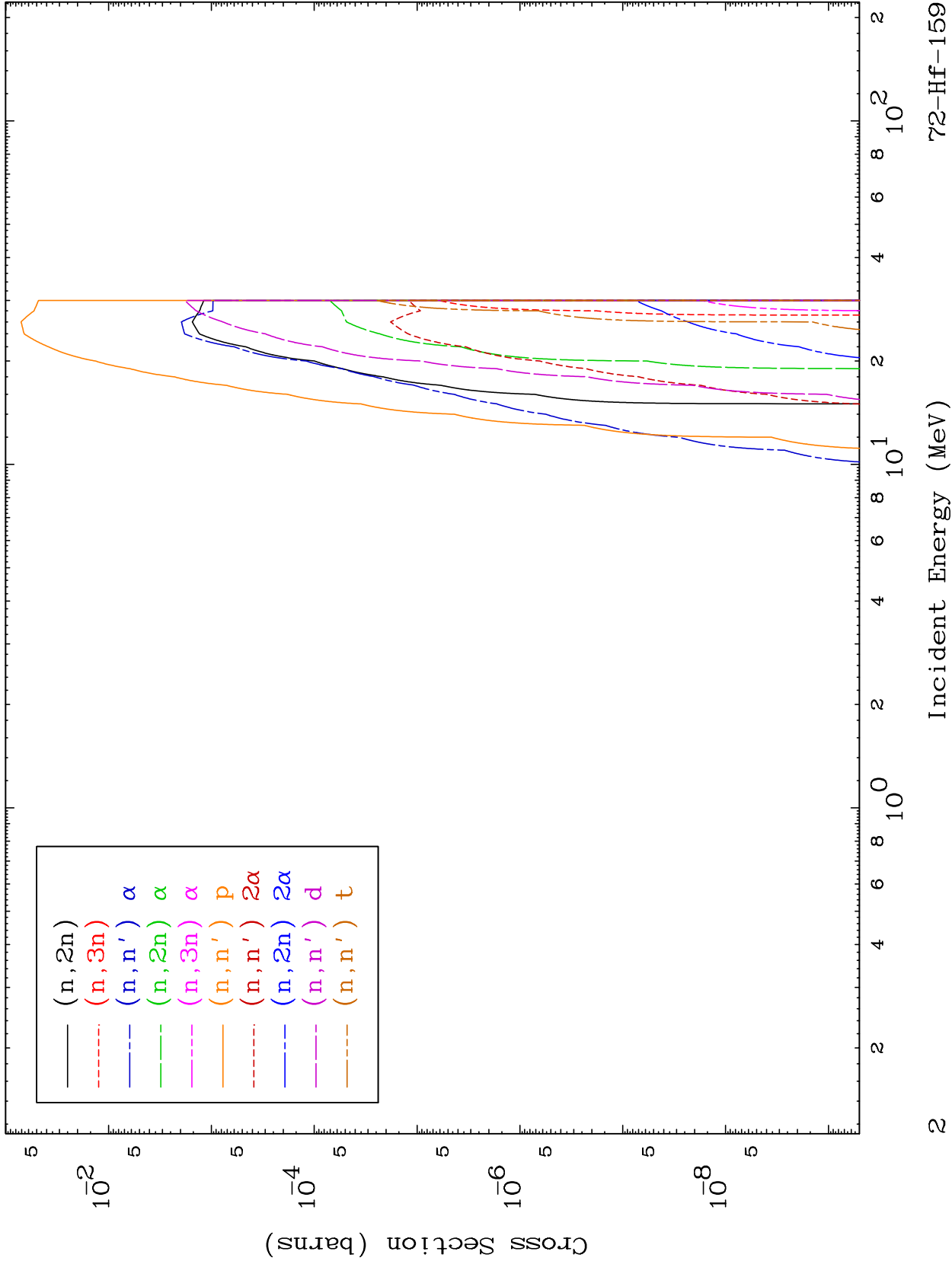
0 Kelvin Cross Sections

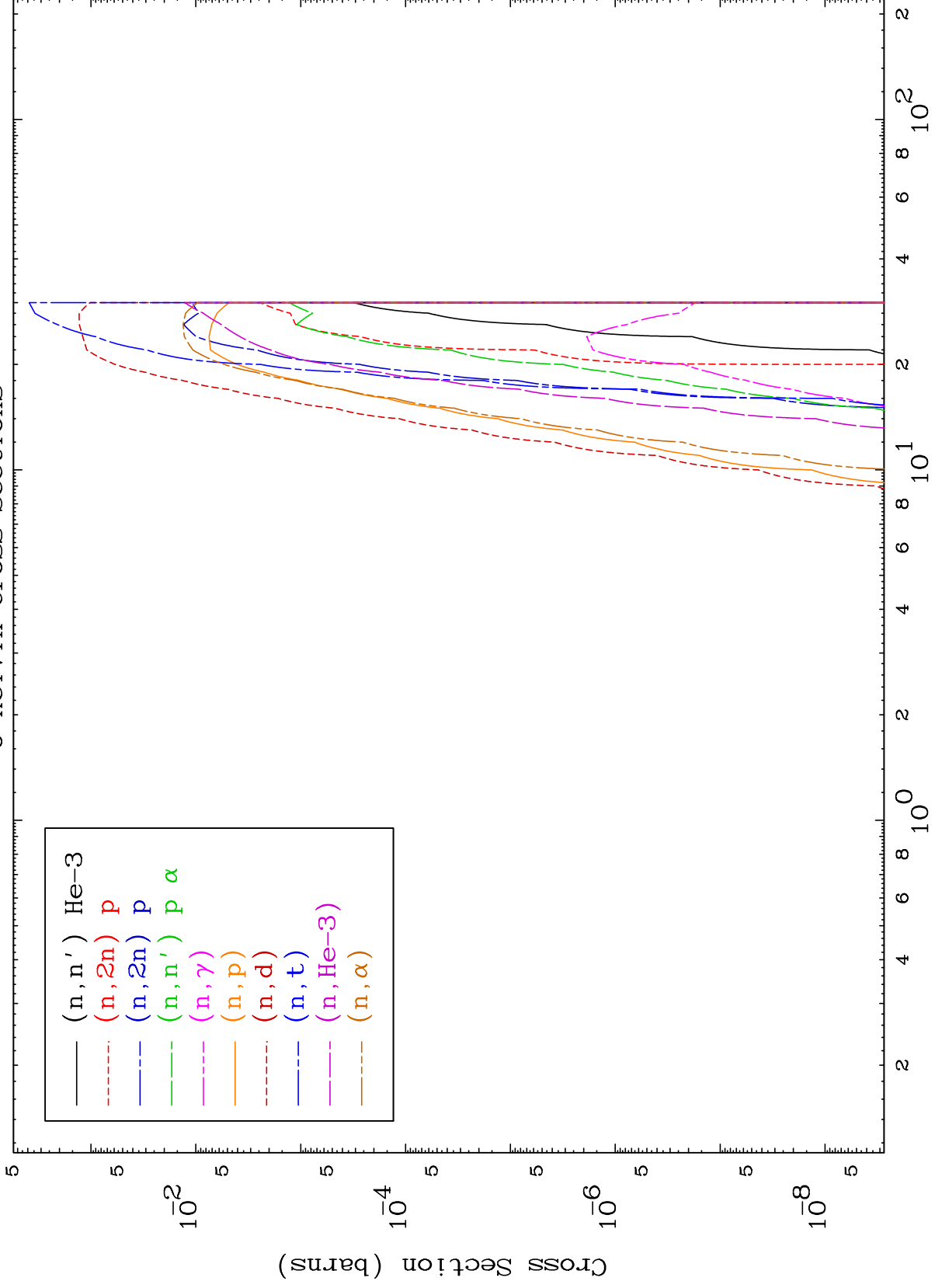


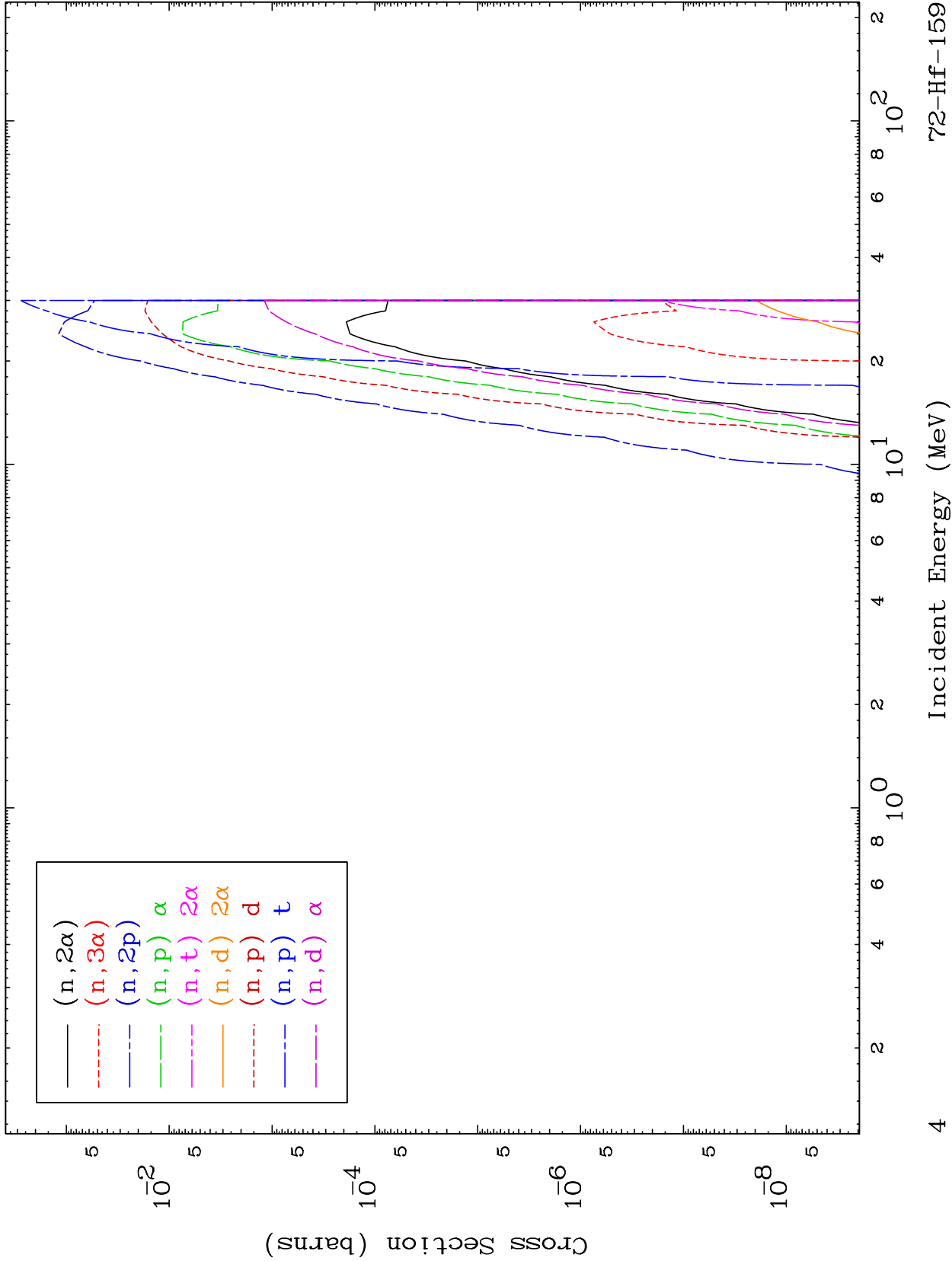
MAT 7180

He-3 Neutron Absorption  
0 Kelvin Cross Sections

72-Hf-159



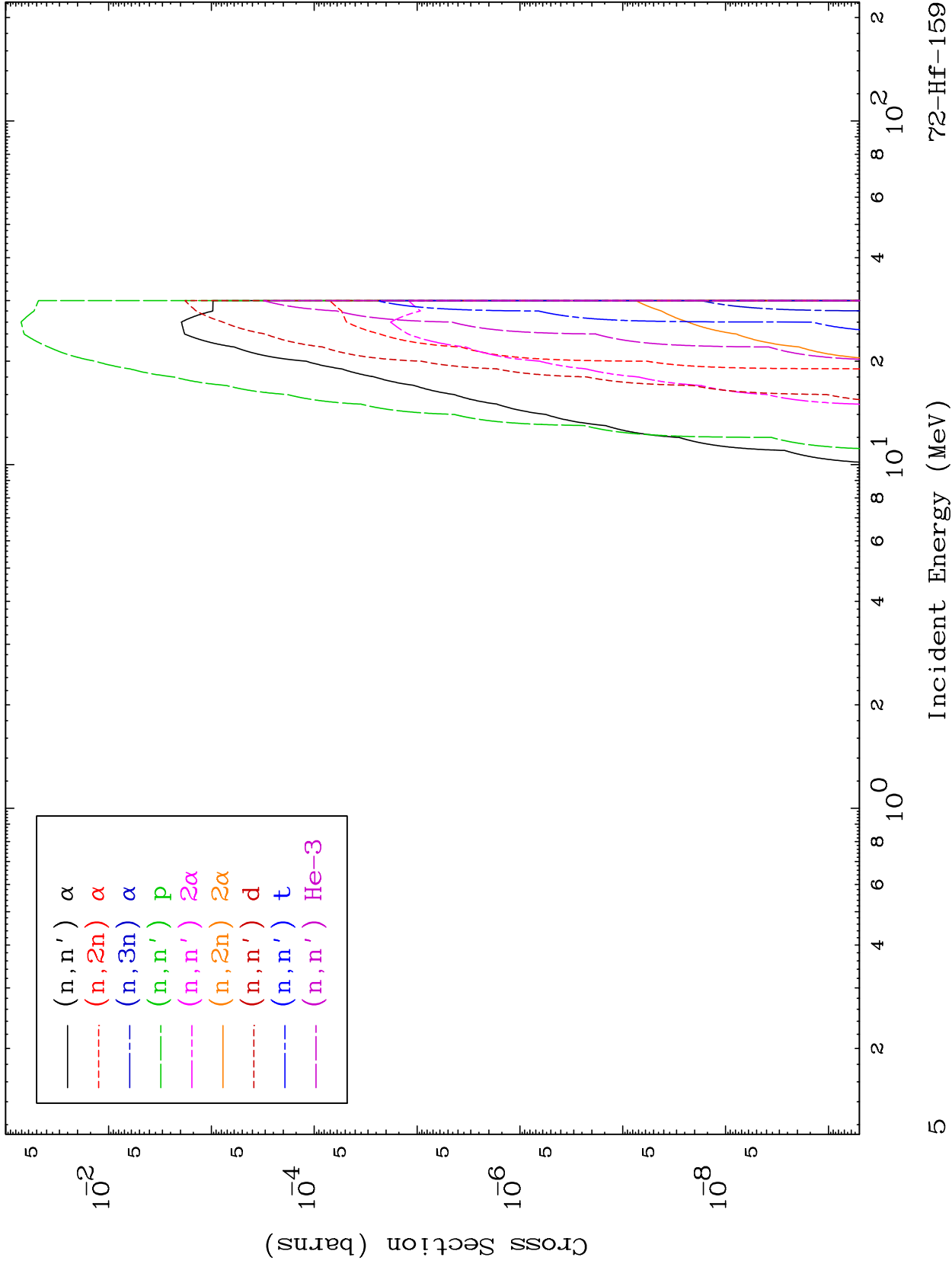




MAT 7180

He-3 Charged Particle  
0 Kelvin Cross Sections

72-Hf-159



5

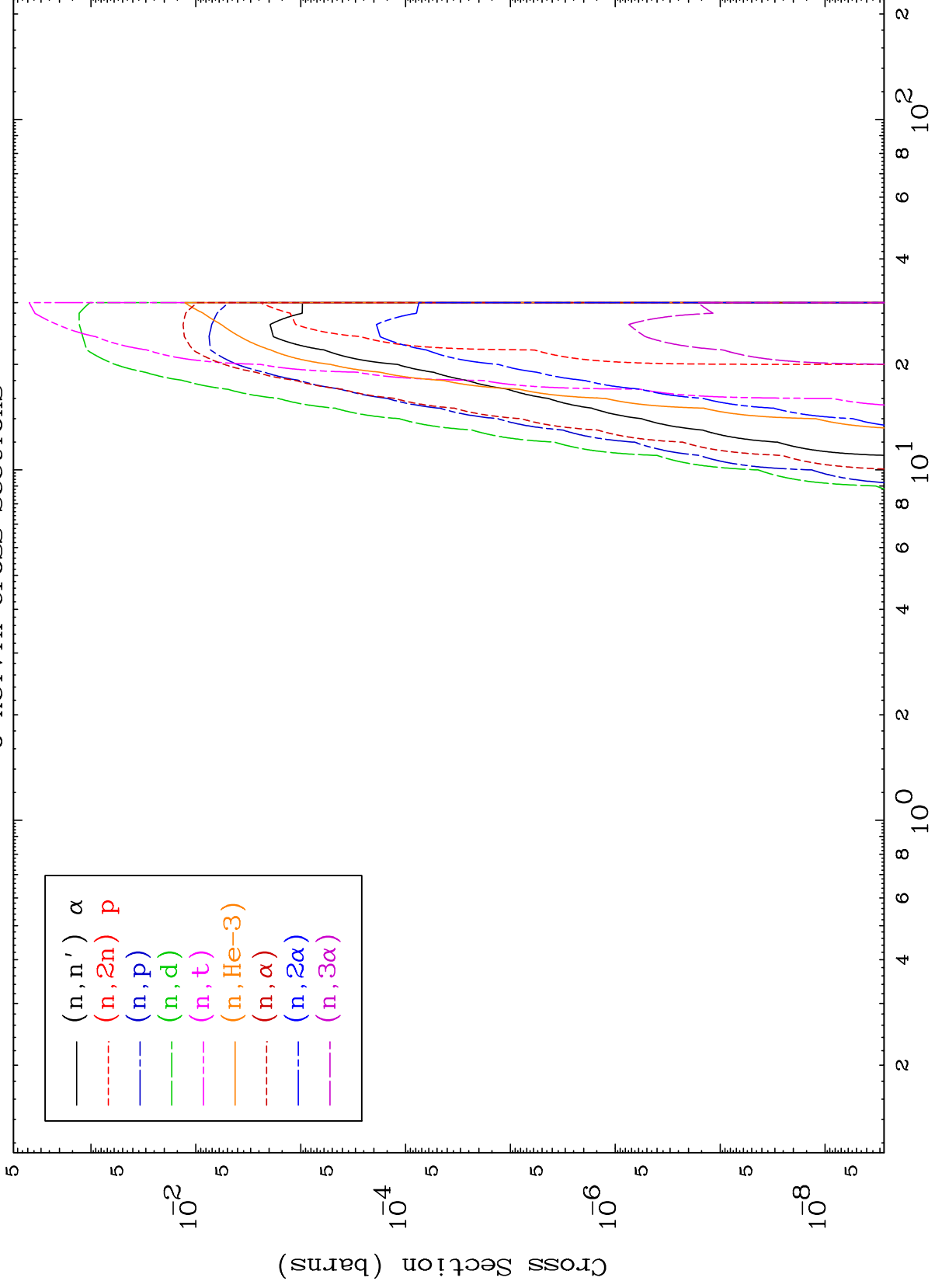
Incident Energy (MeV)

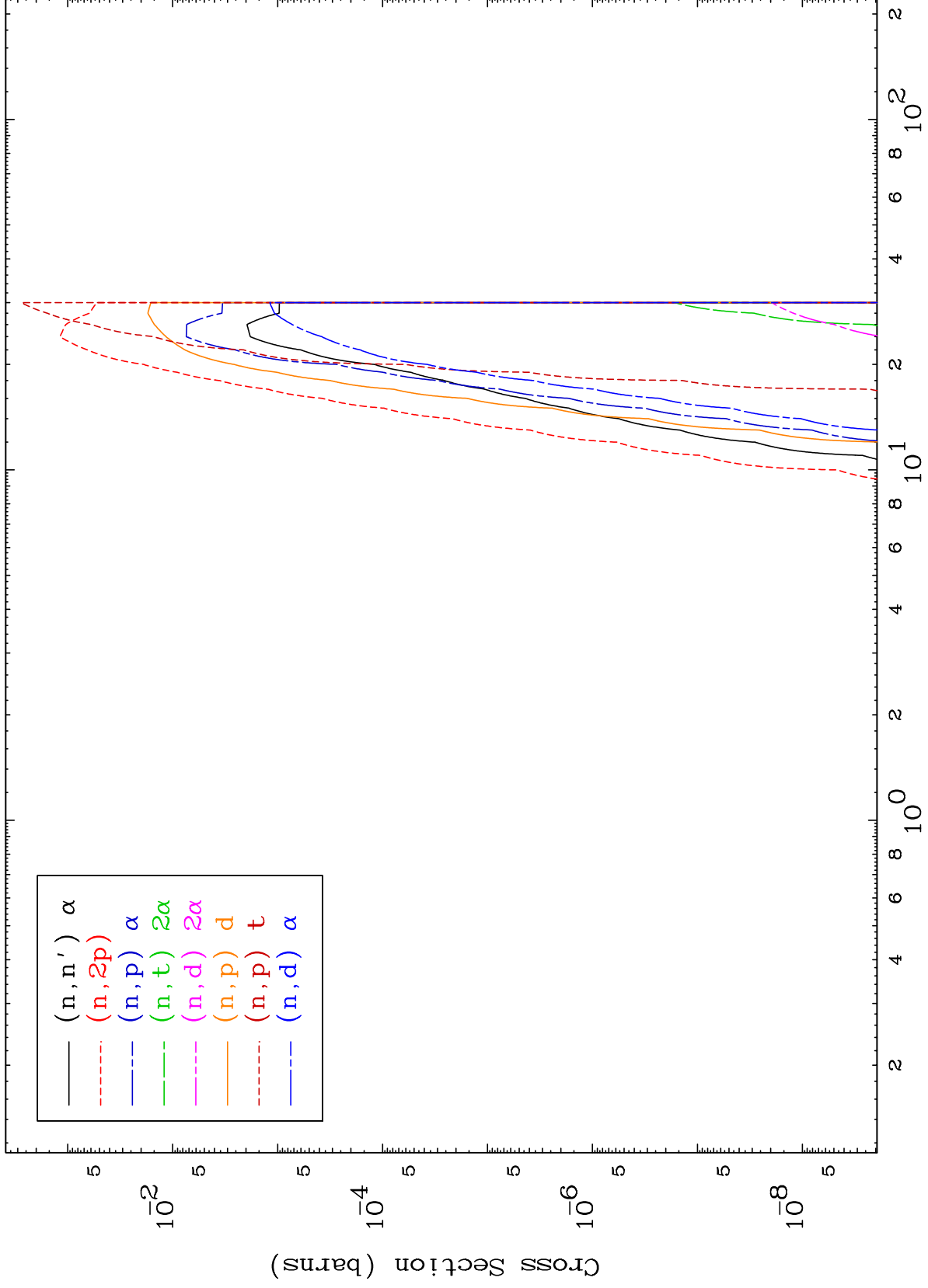
72-Hf-159

MAT 7180

He-3 Charged Particle  
0 Kelvin Cross Sections

72-Hf-159

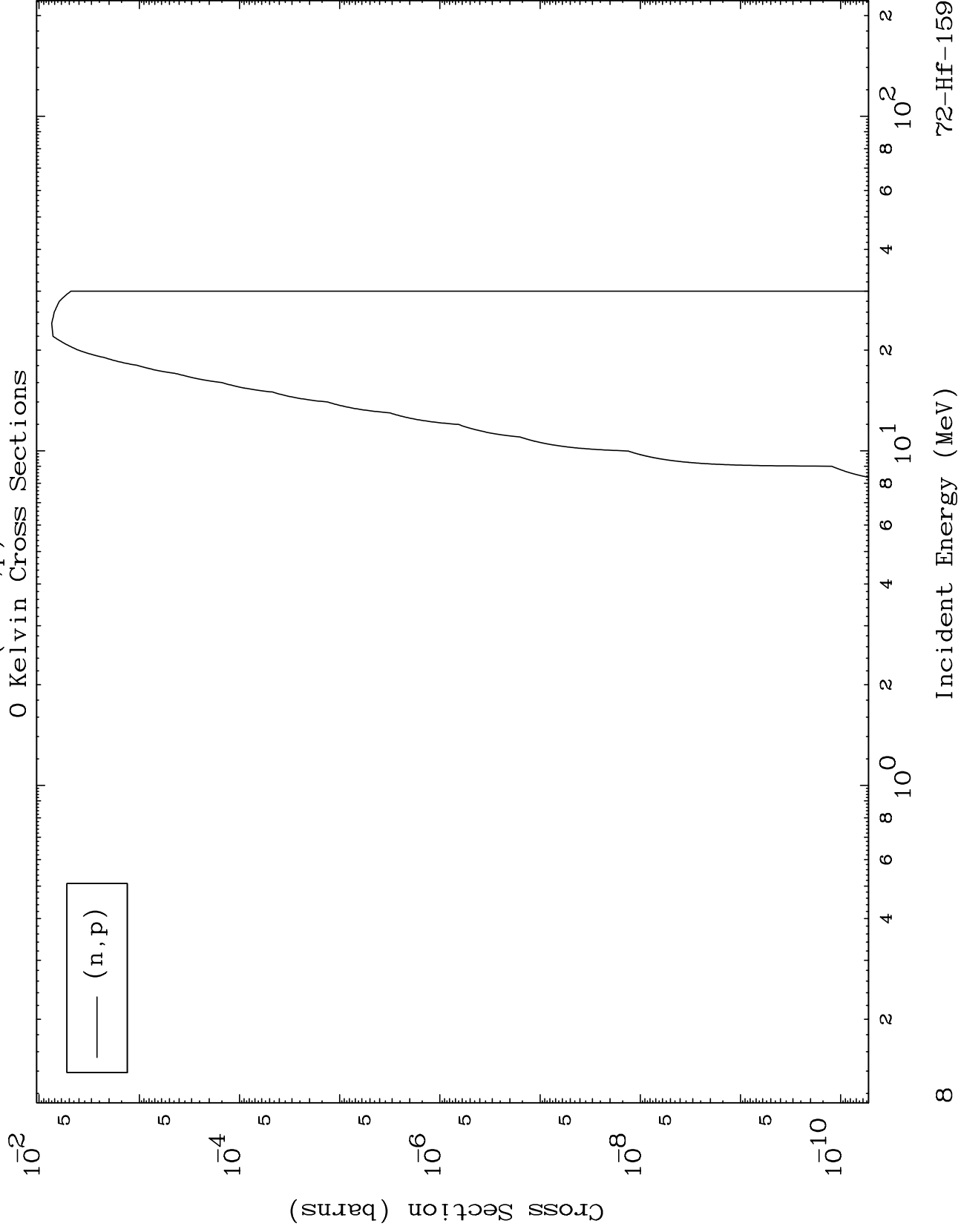




MAT 7180

(He-3,p) Levels

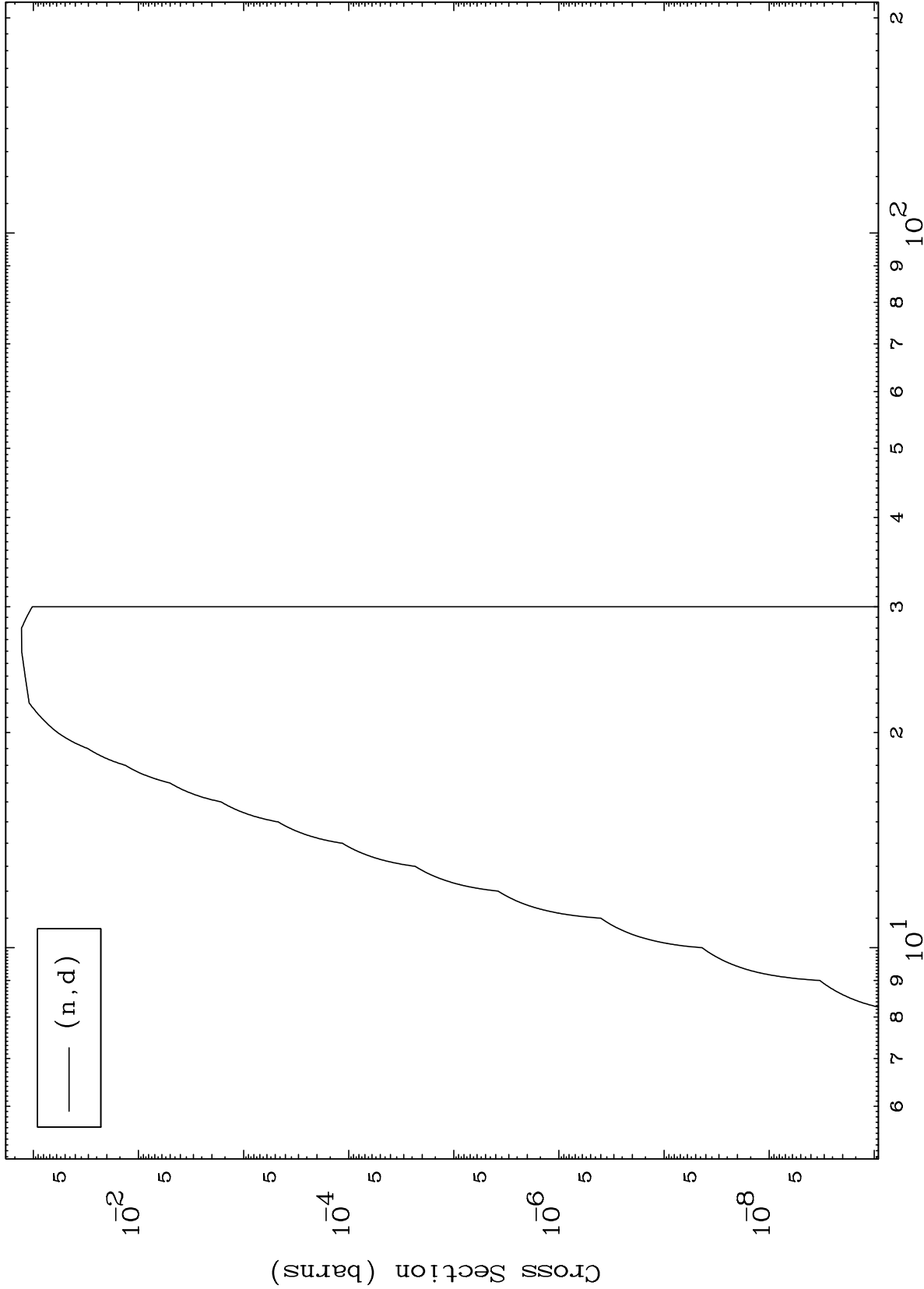
72-Hf-159



MAT 7180

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

72-Hf-159

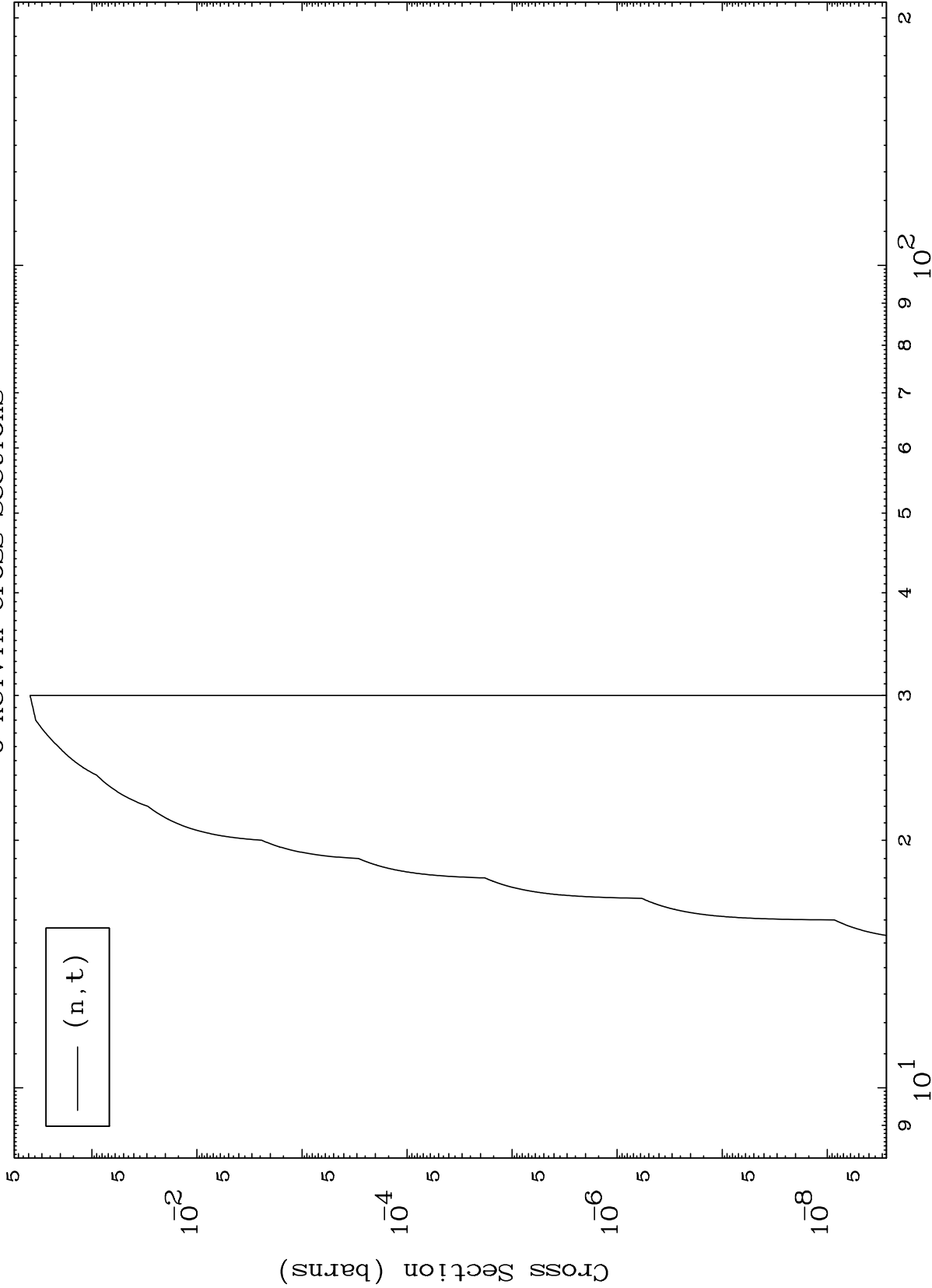


MAT 7180

(He-3,t) Levels

72-Hf-159

0 Kelvin Cross Sections



10

Incident Energy (MeV)

72-Hf-159

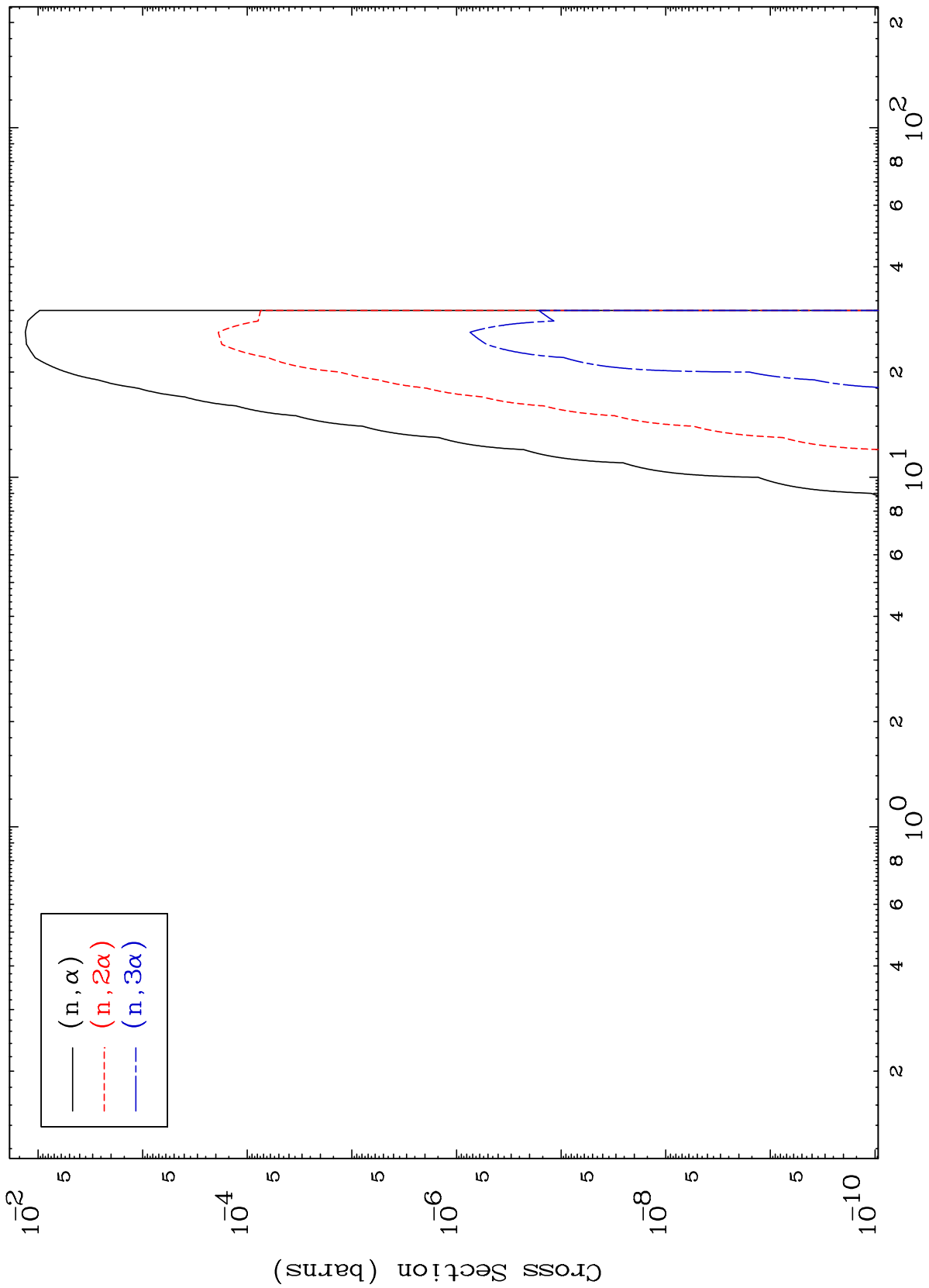


MAT 7180

(He-3,  $\alpha$ ) Levels

72-Hf-159

0 Kelvin Cross Sections

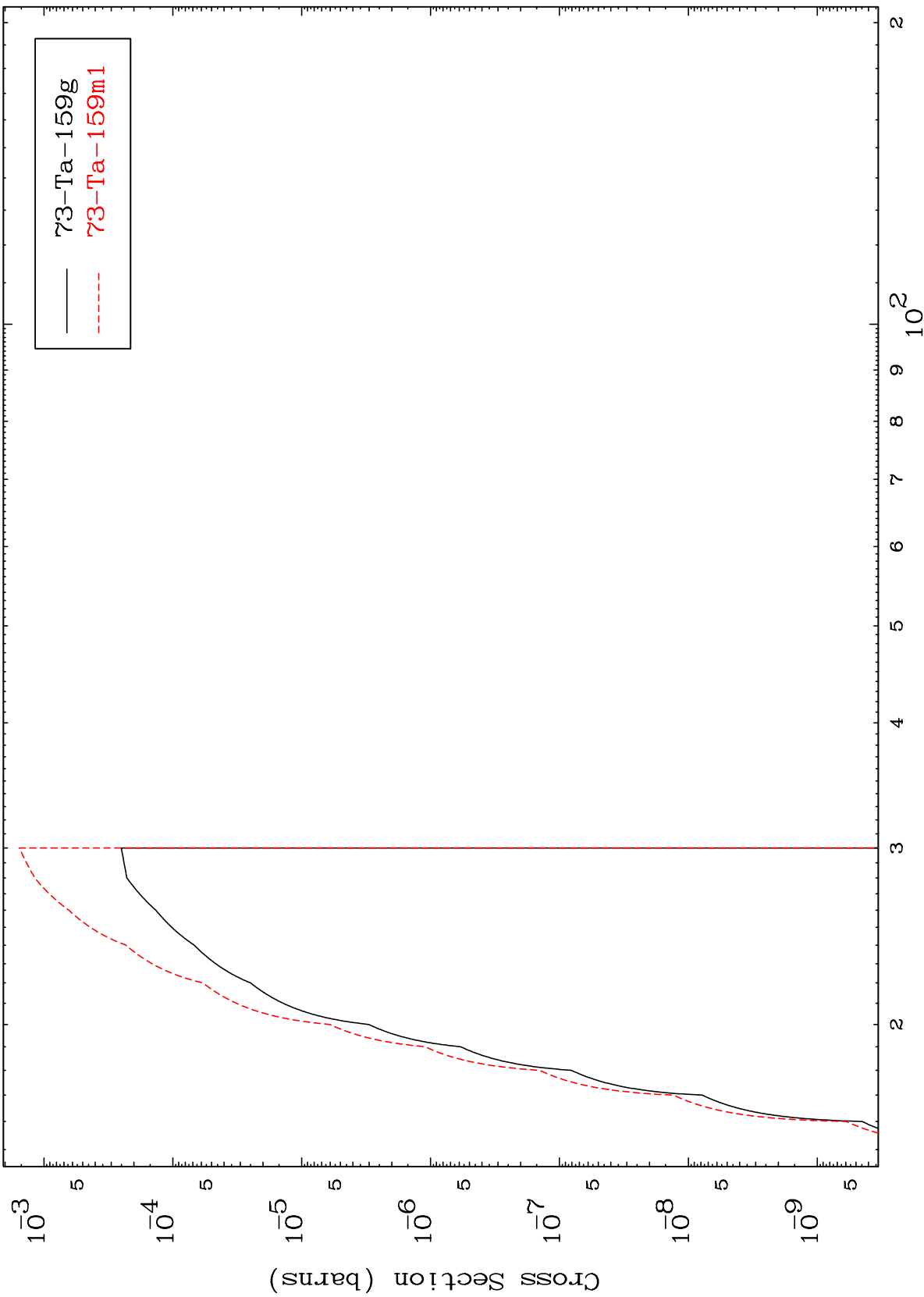


12

Incident Energy (MeV)

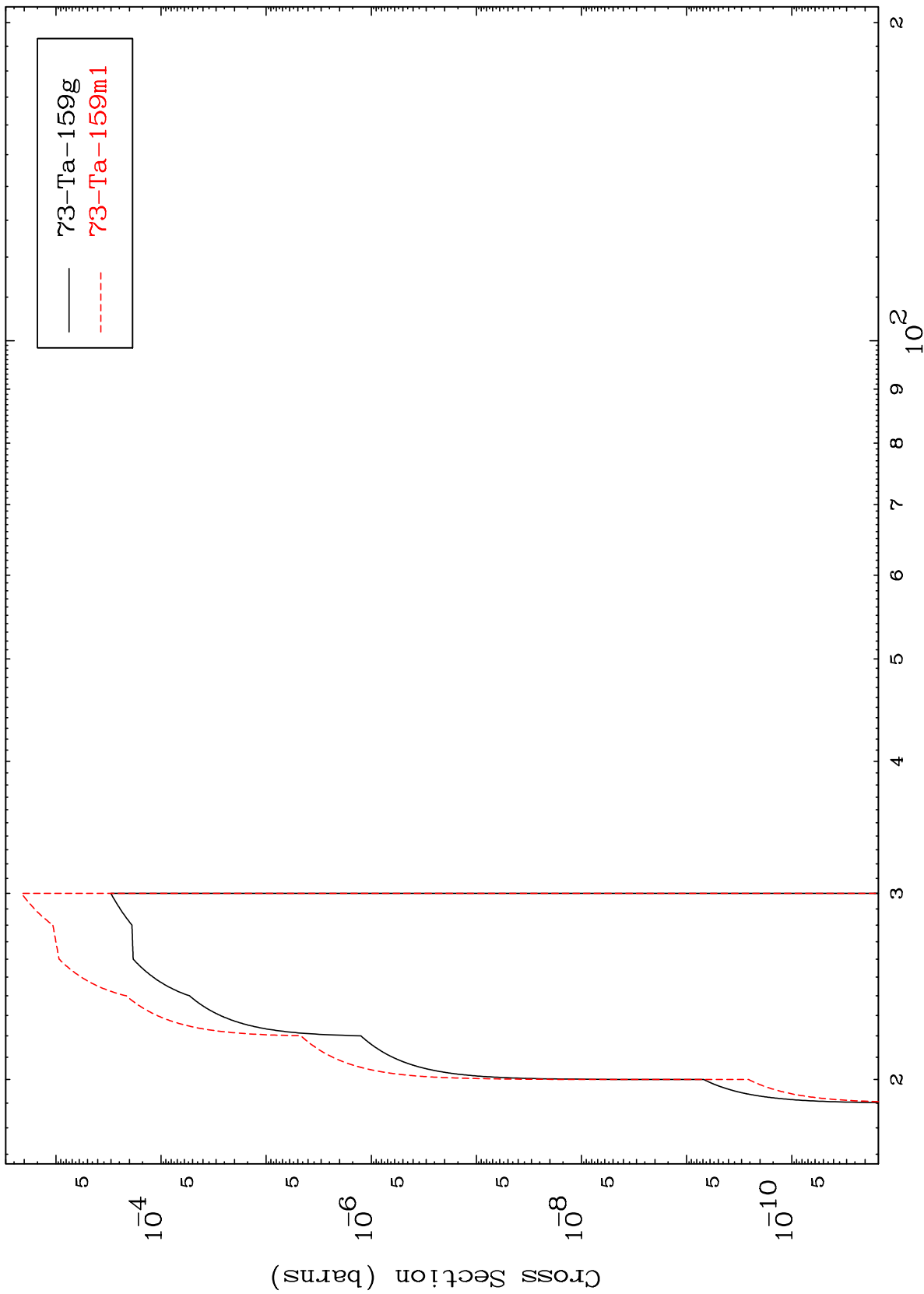
72-Hf-159

Radionuclide Production Cross Section



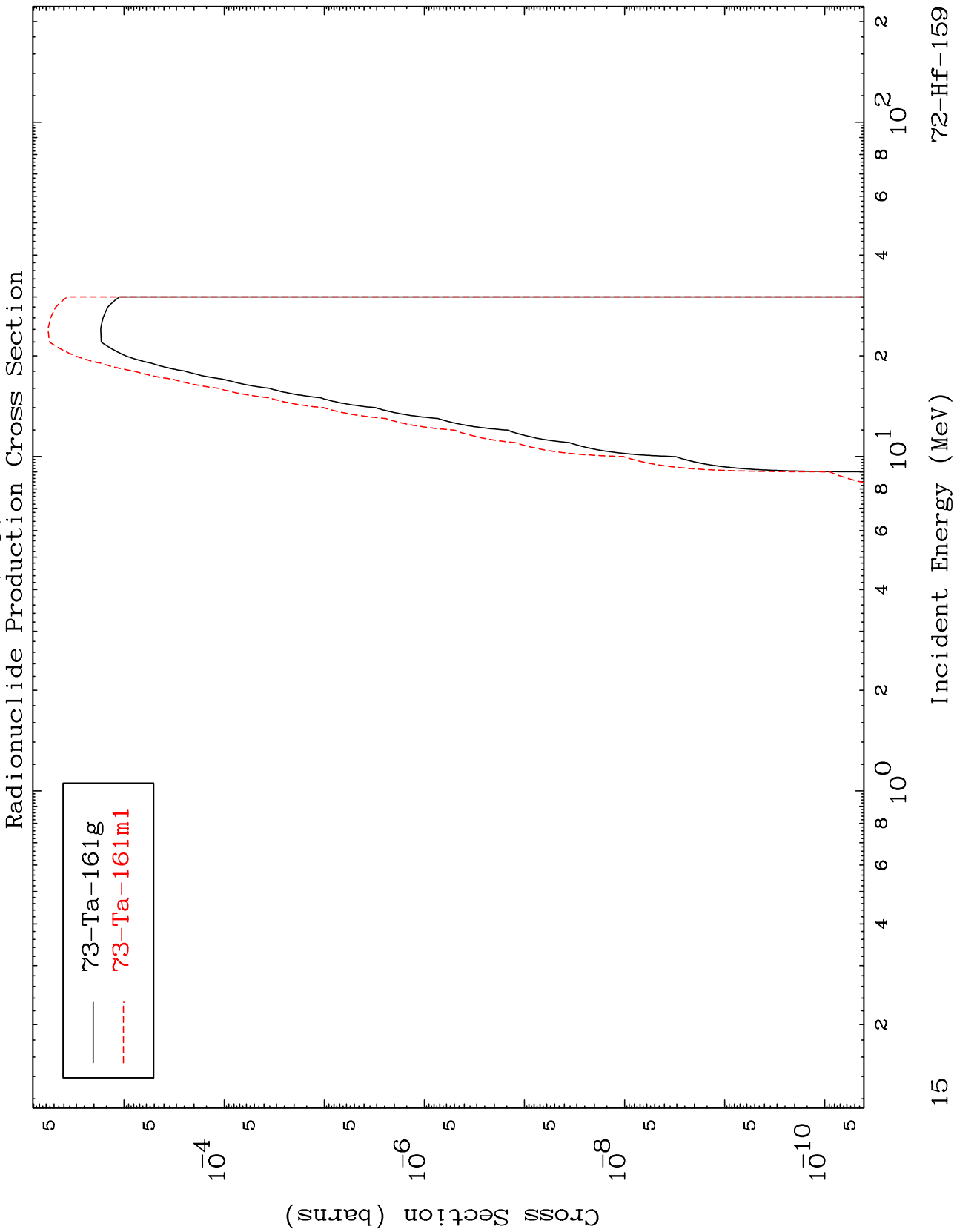
— <sup>73</sup>Ta-159g  
- - - <sup>73</sup>Ta-159m1

Radionuclide Production Cross Section



MAT 7180

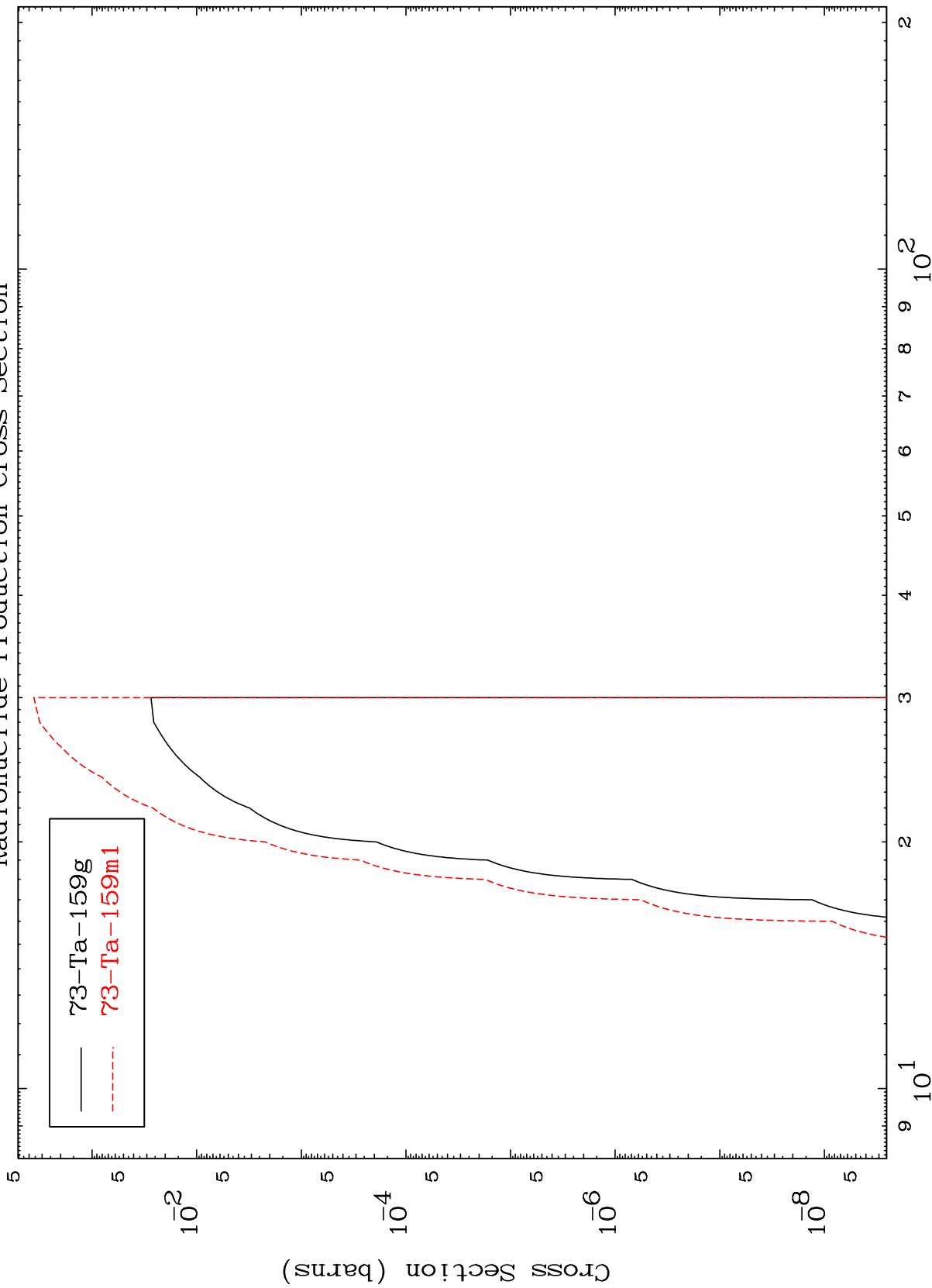
72-Hf-159



MAT 7180

72-Hf-159

(n, t)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

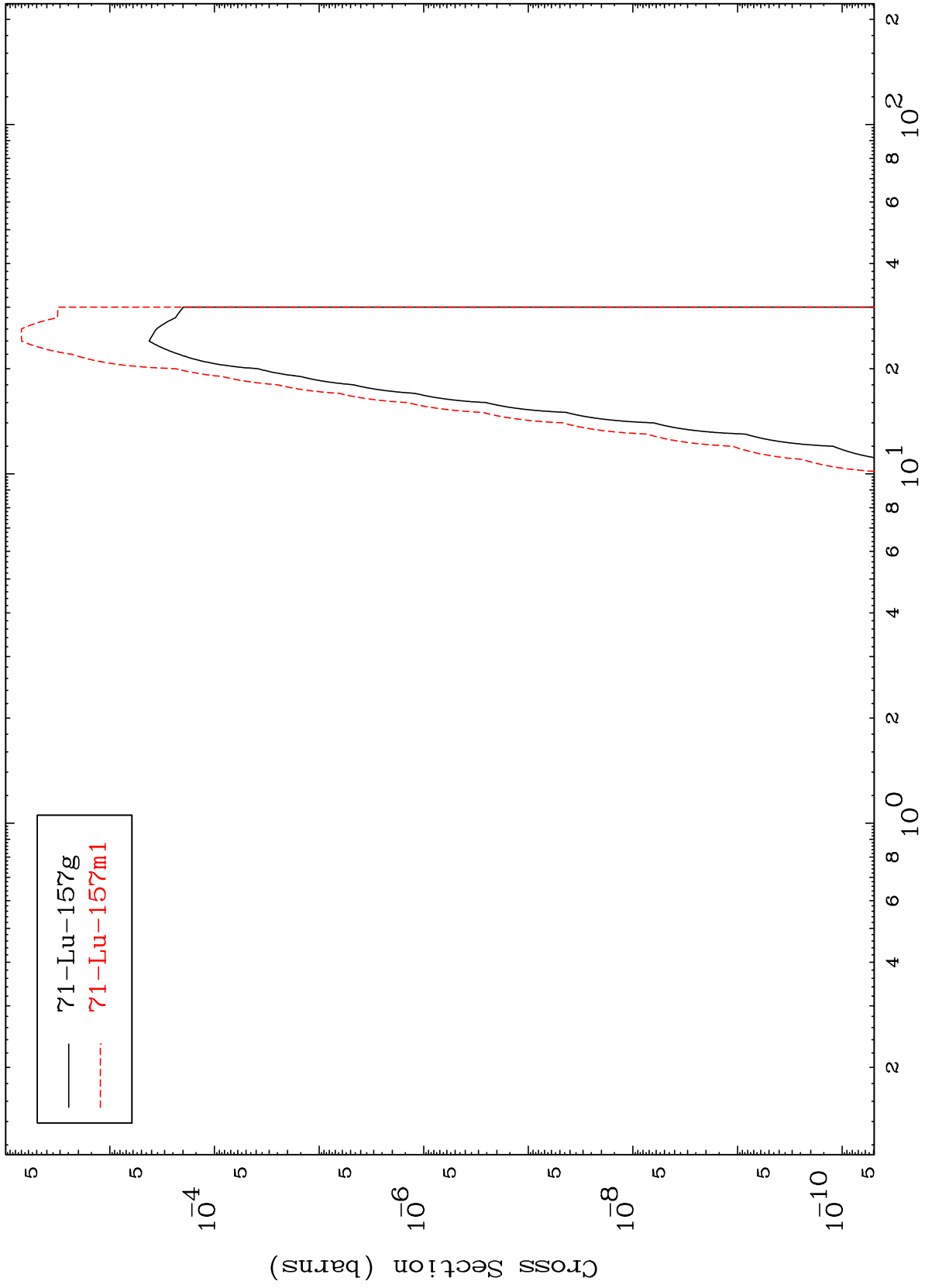
72-Hf-159

MAT 7180

(n,p)  $\alpha$

72-Hf-159

Radionuclide Production Cross Section

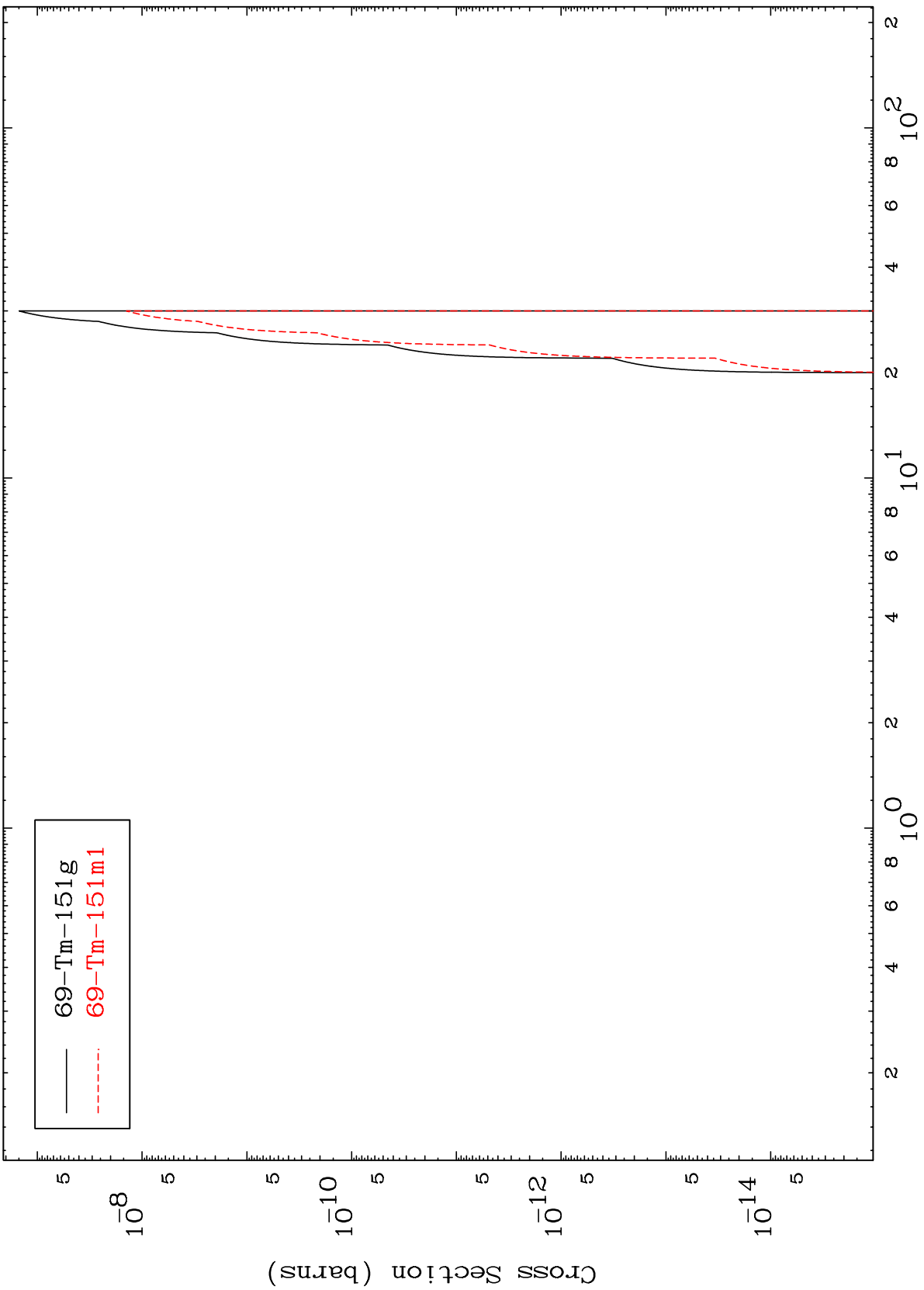


MAT 7180

(n,t) 2α

72-Hf-159

Radionuclide Production Cross Section



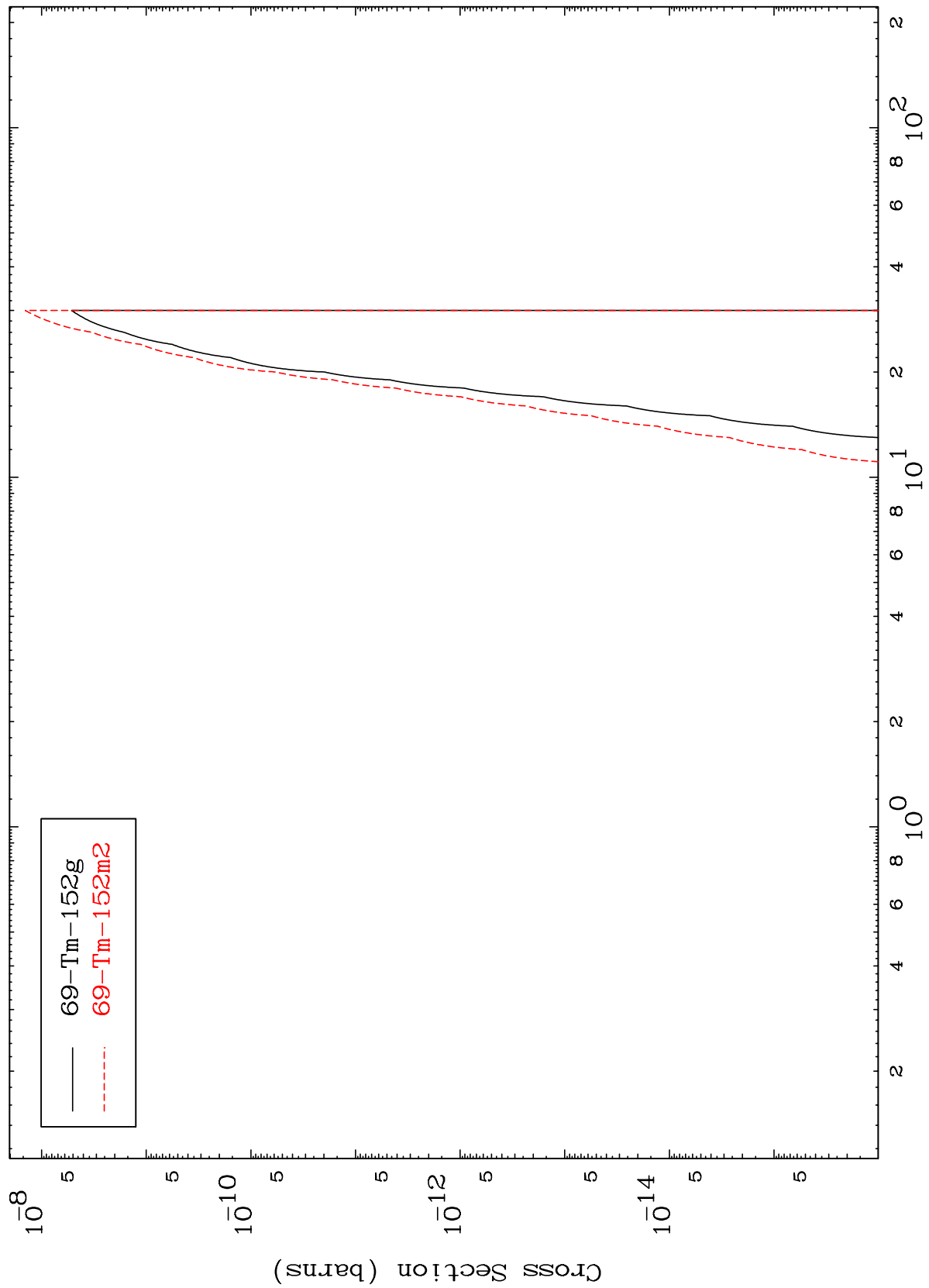
69-Tm-151g  
69-Tm-151m1

MAT 7180

(n,d)  $2\alpha$

72-Hf-159

Radionuclide Production Cross Section



— 69-Tm-152g  
- - - 69-Tm-152m2