

Program EVALPLOT  
(Version 2021-1)

by

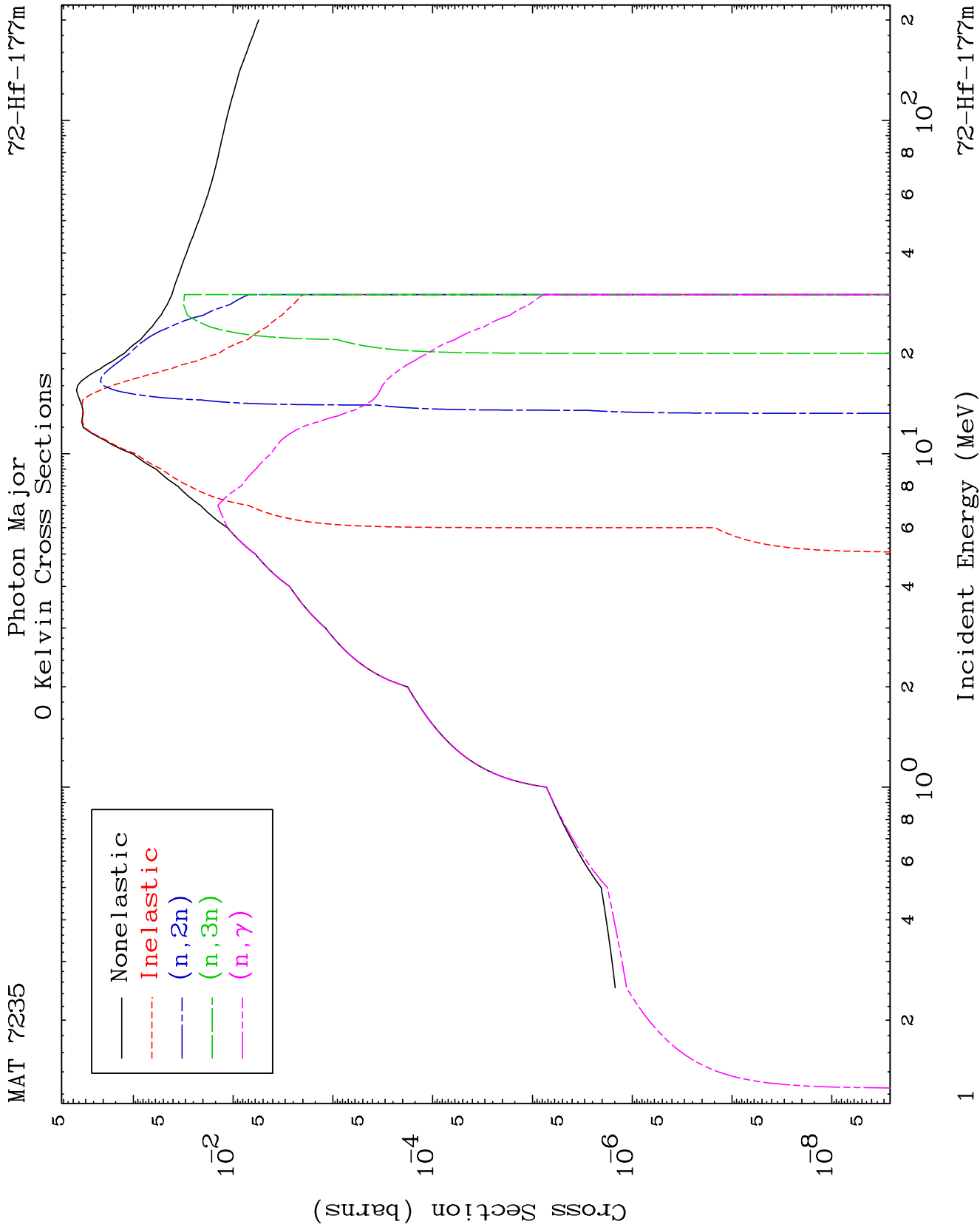
Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

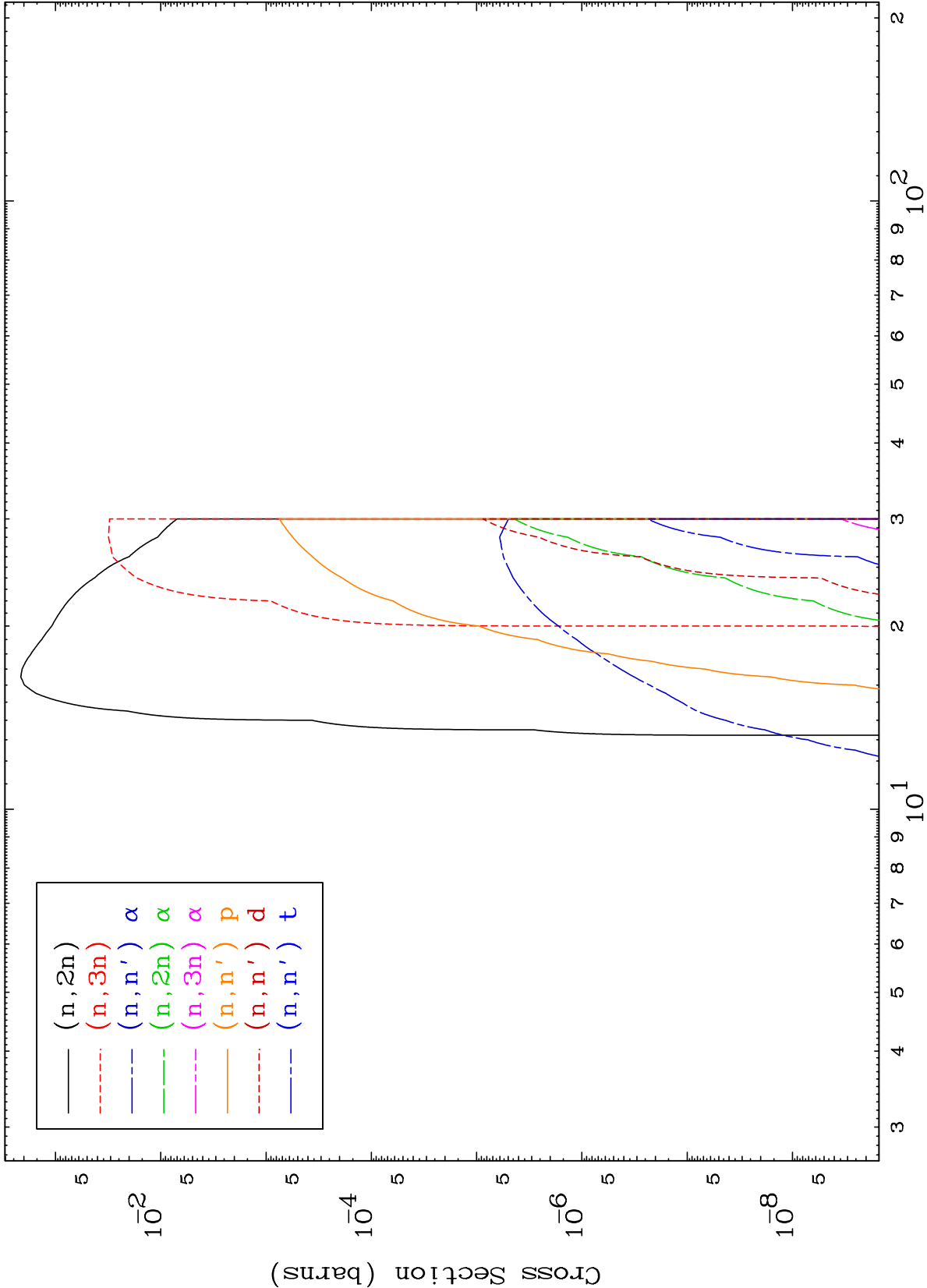
Press Mouse Button to Start



MAT 7235

Photon Neutron Absorption  
0 Kelvin Cross Sections

$^{72}\text{Hf}$ -177m



2

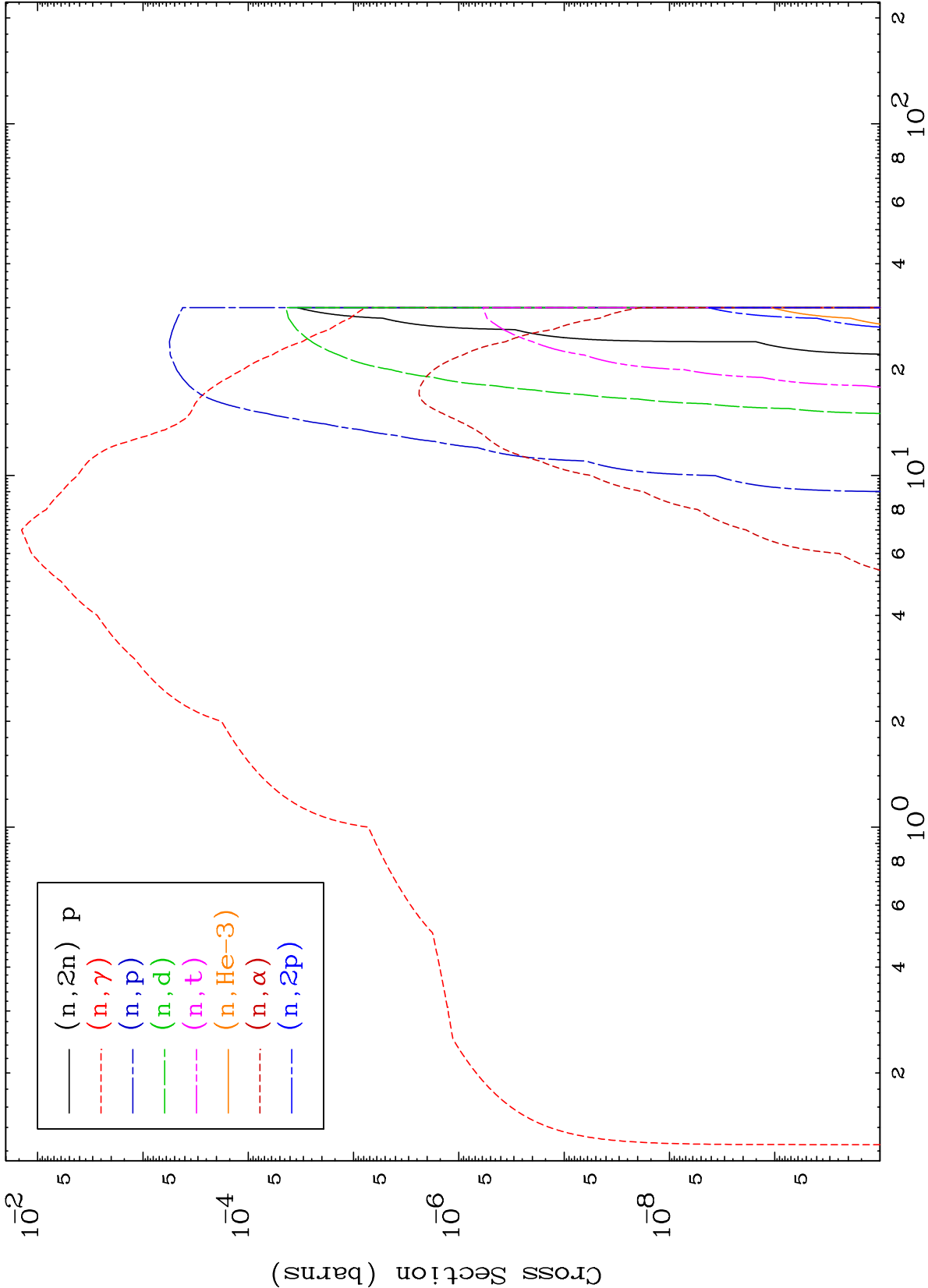
Incident Energy (MeV)

$^{72}\text{Hf}$ -177m

MAT 7235

Photon Neutron Absorption  
0 Kelvin Cross Sections

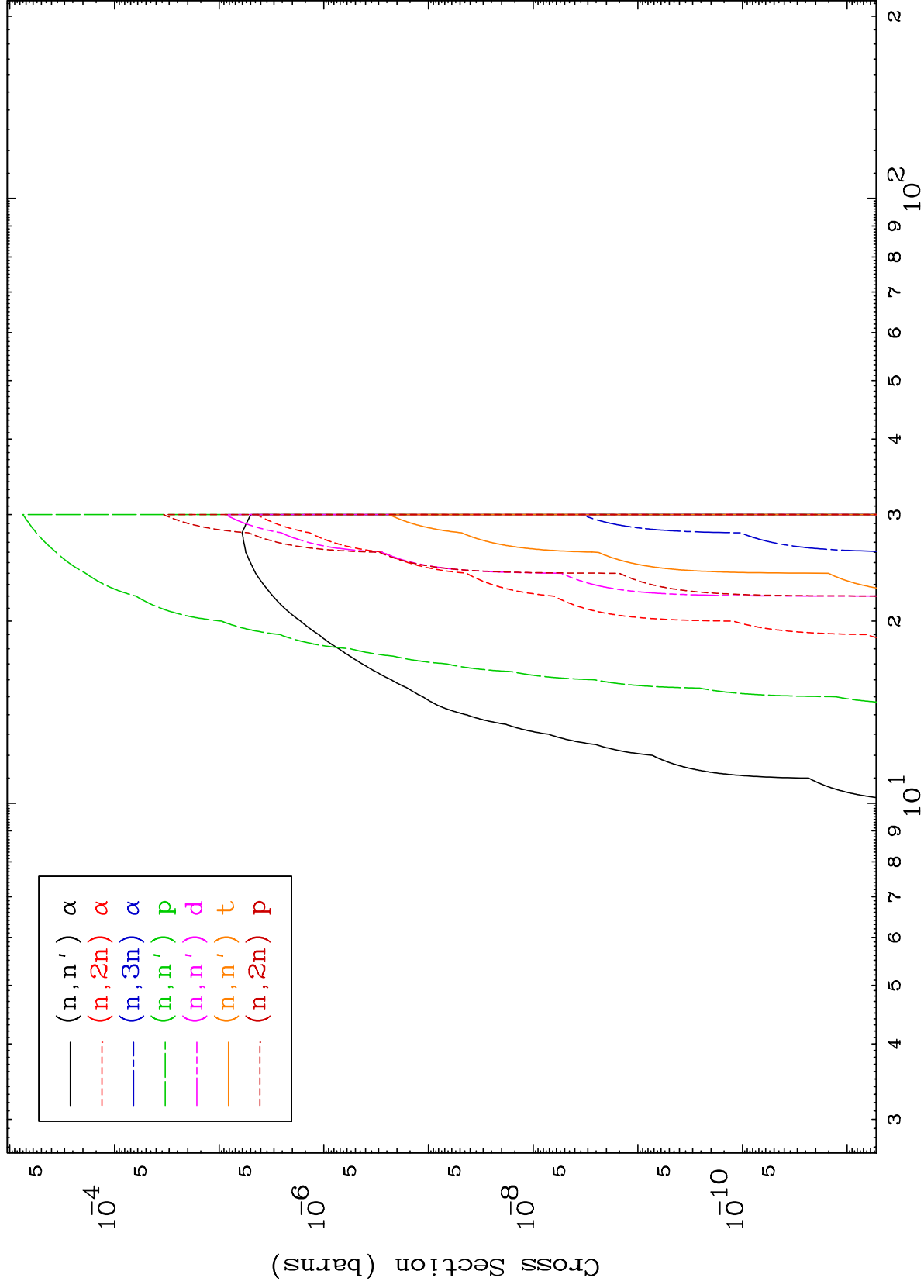
<sup>72</sup>Hf-177m



MAT 7235

Photon Charged Particle  
0 Kelvin Cross Sections

72-Hf-177m



4

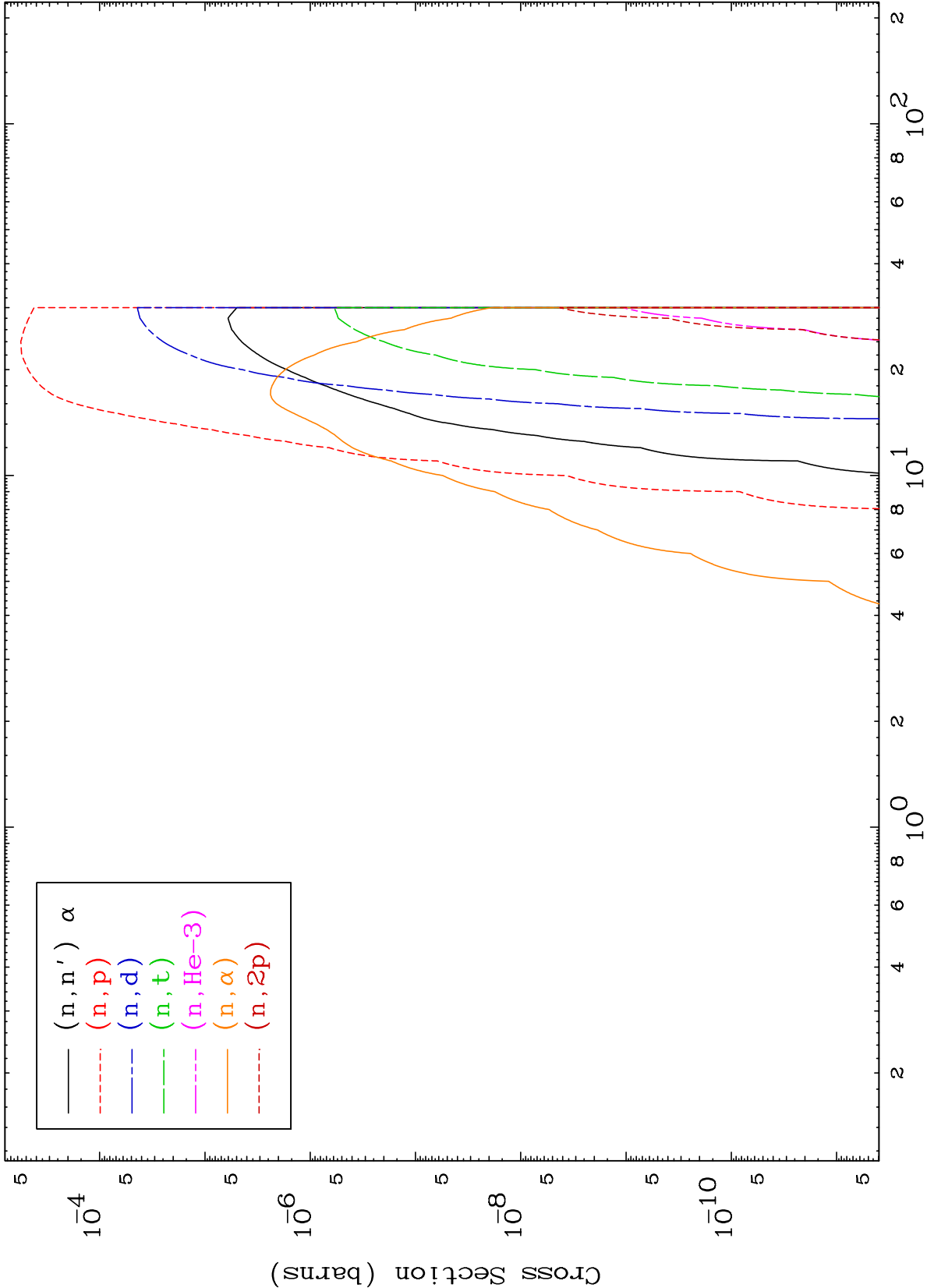
Incident Energy (MeV)

72-Hf-177m

MAT 7235

Photon Charged Particle  
0 Kelvin Cross Sections

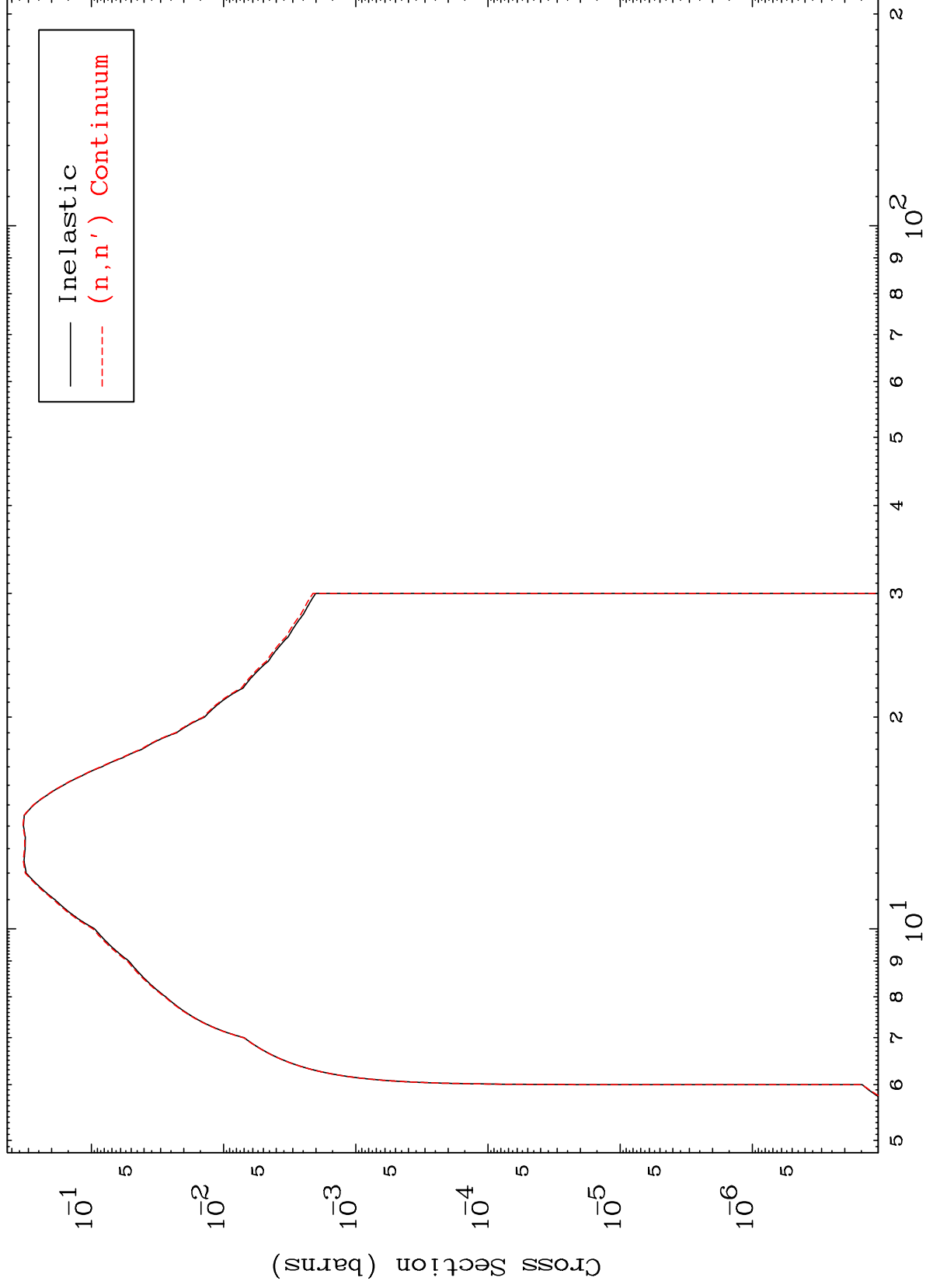
<sup>72</sup>Hf-177m



MAT 7235

72-Hf-177m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



72-Hf-177m

Incident Energy (MeV)

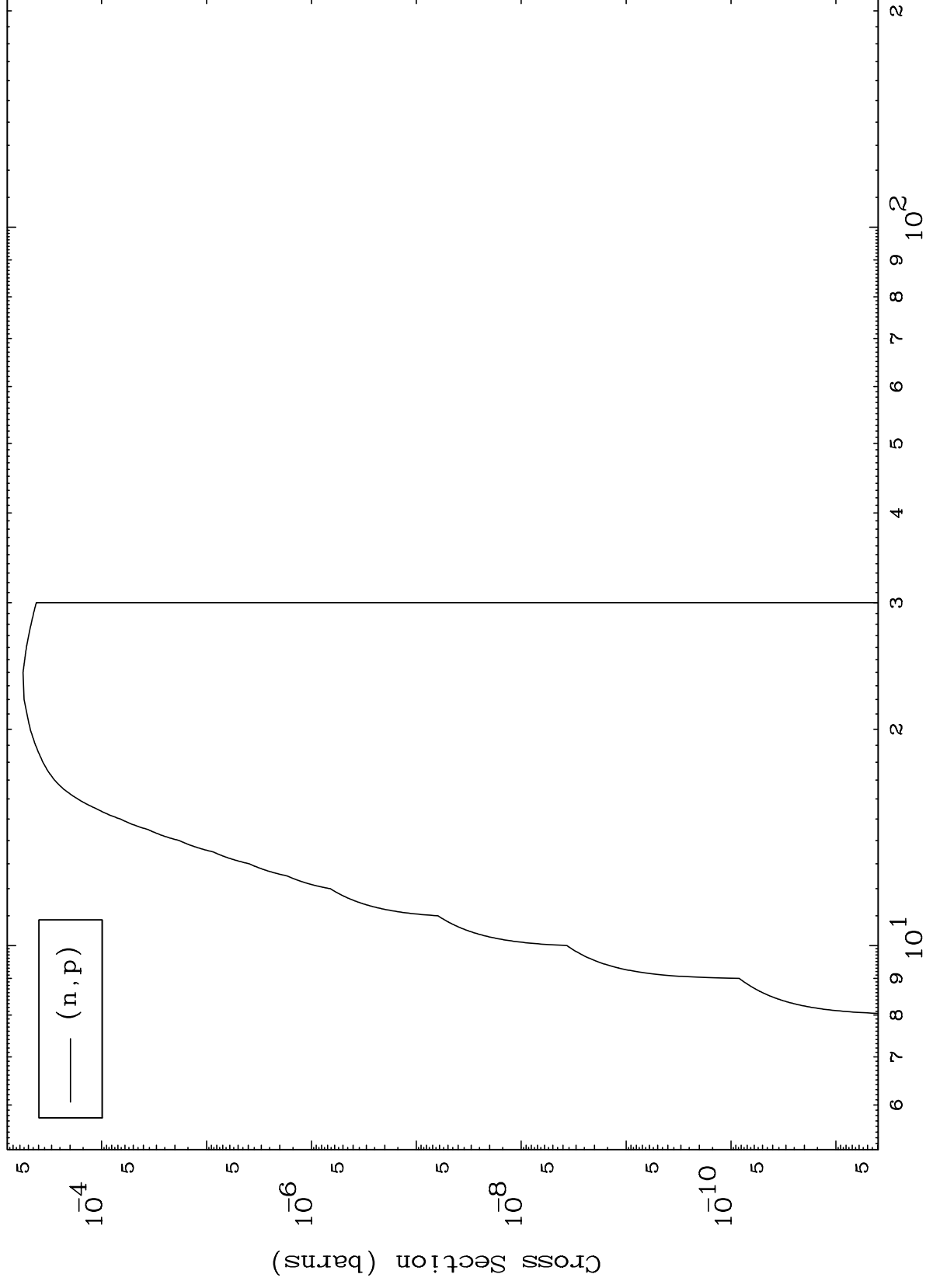
6

MAT 7235

( $\gamma, p$ ) Levels

$^{72}\text{Hf}-177\text{m}$

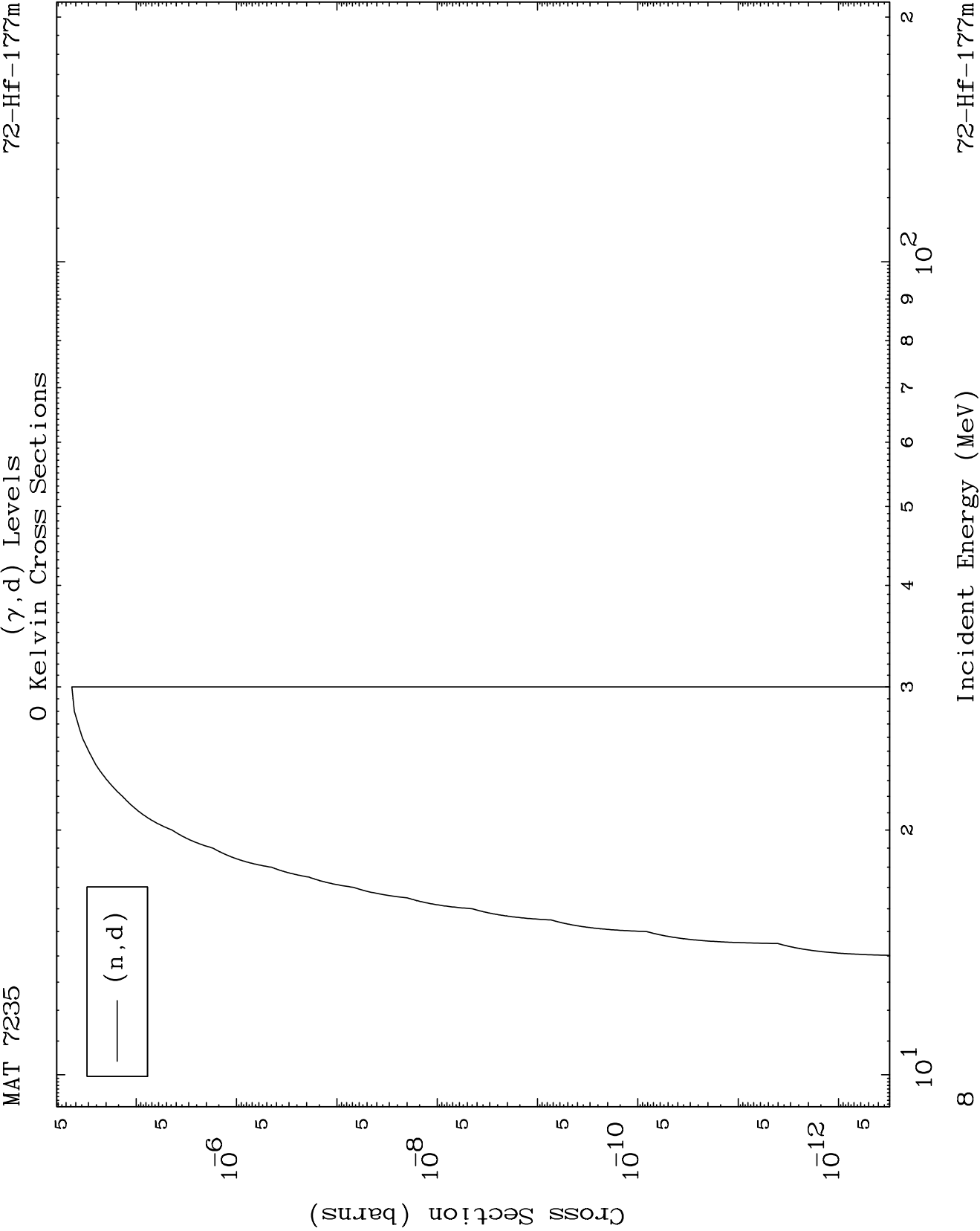
0 Kelvin Cross Sections

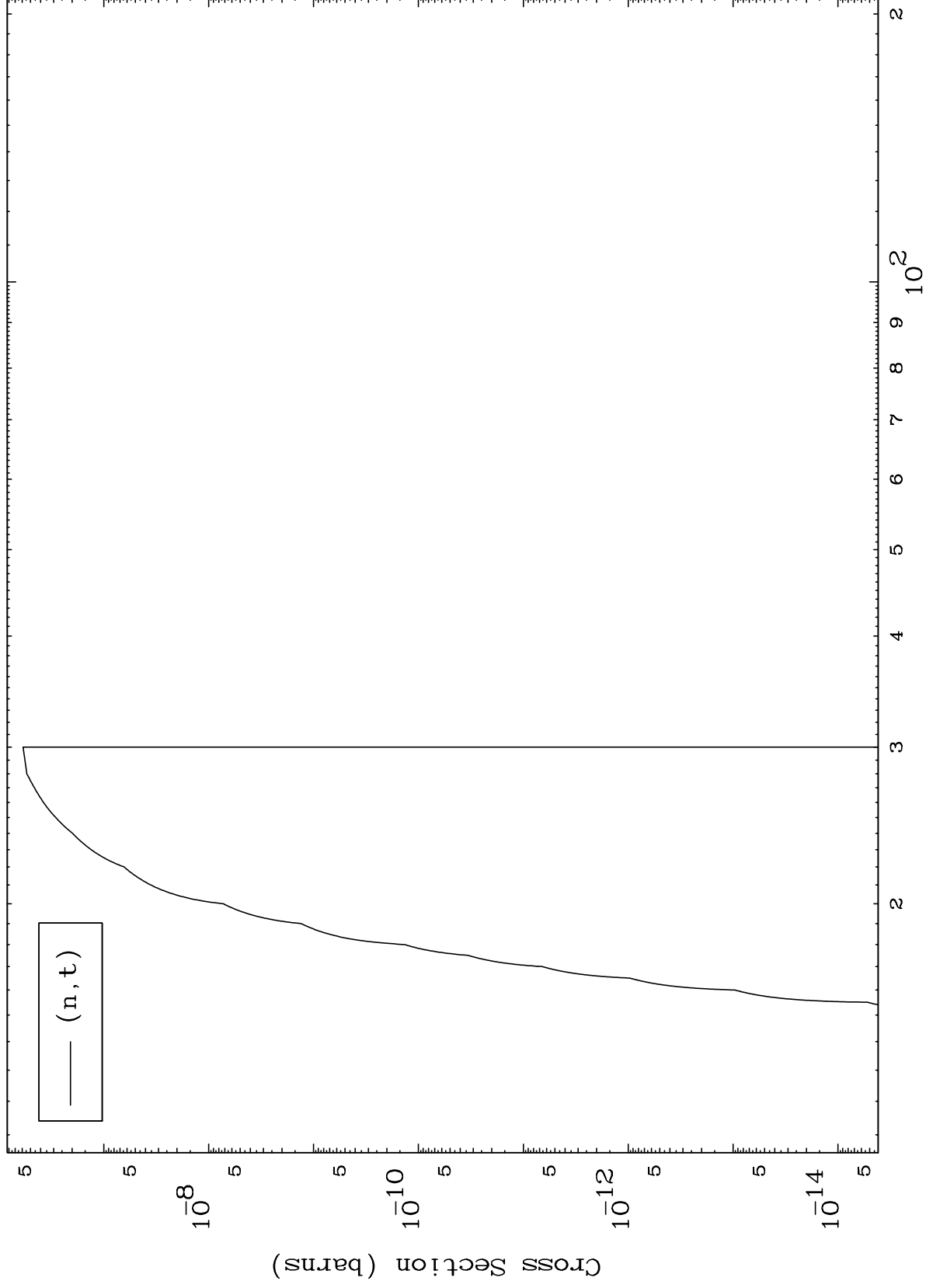


7

Incident Energy (MeV)

$^{72}\text{Hf}-177\text{m}$



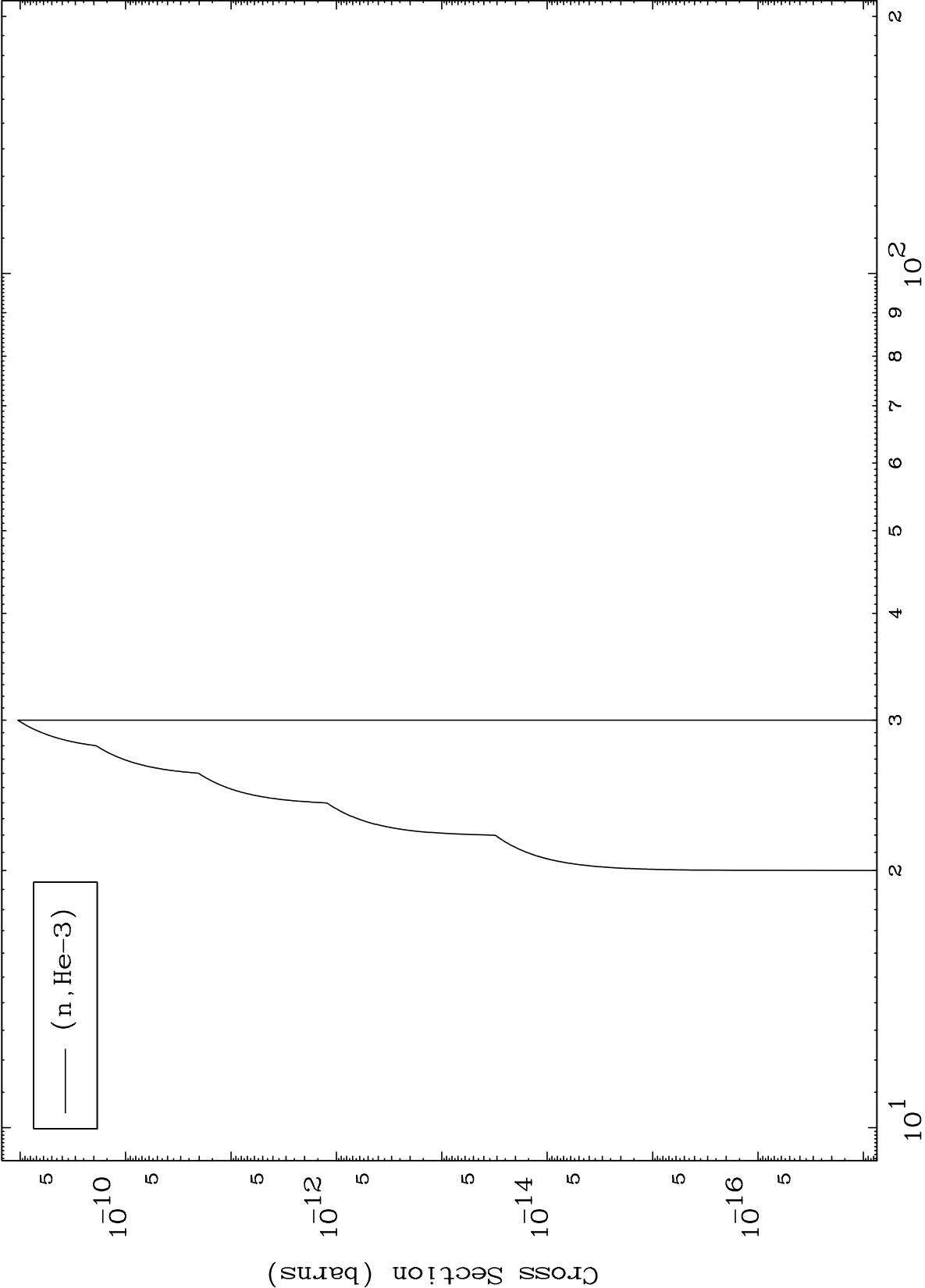


MAT 7235

( $\gamma$ ,He3) Levels

72-Hf-177m

0 Kelvin Cross Sections



— (n, He-3)

Incident Energy (MeV)

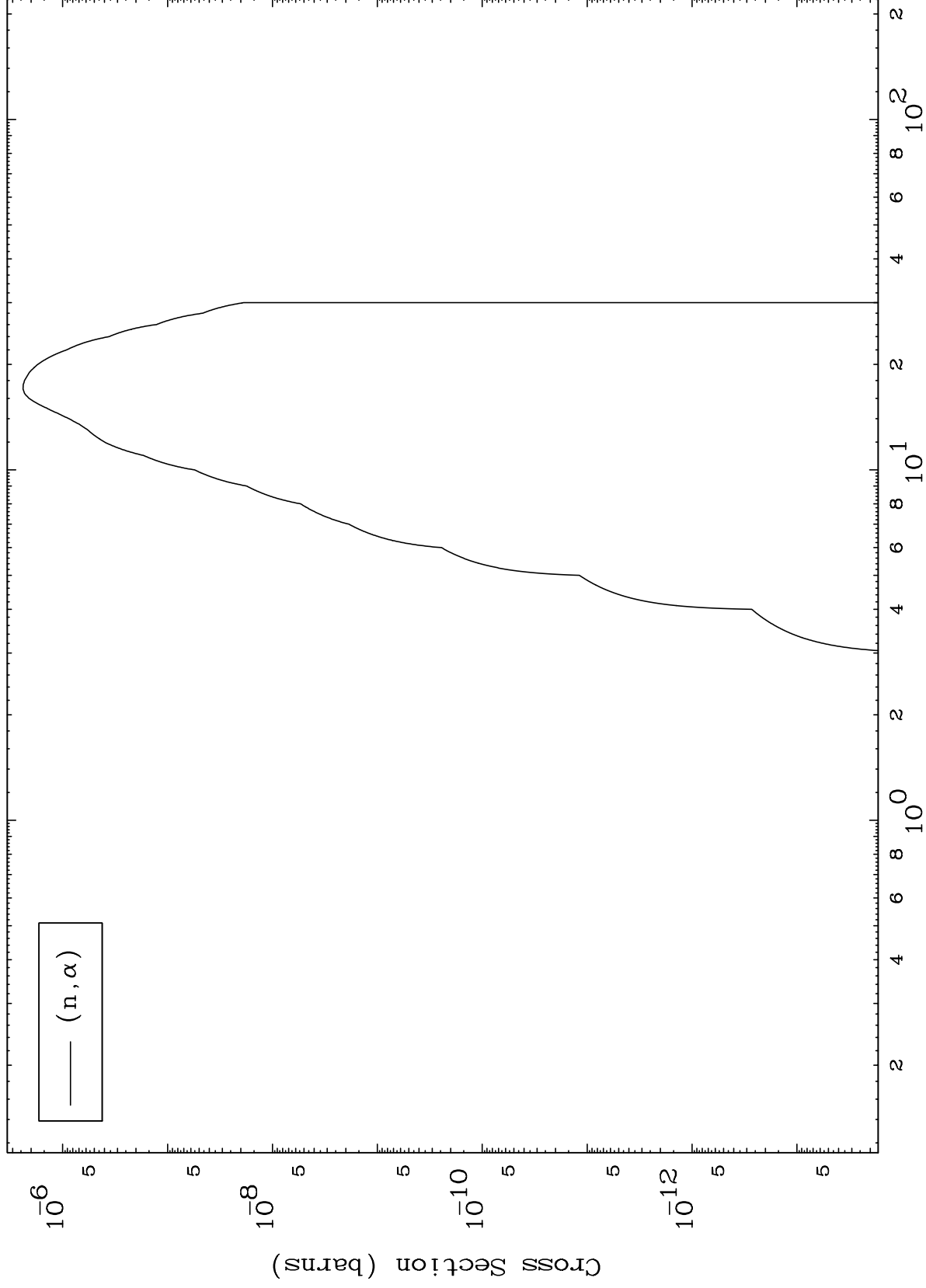
72-Hf-177m

MAT 7235

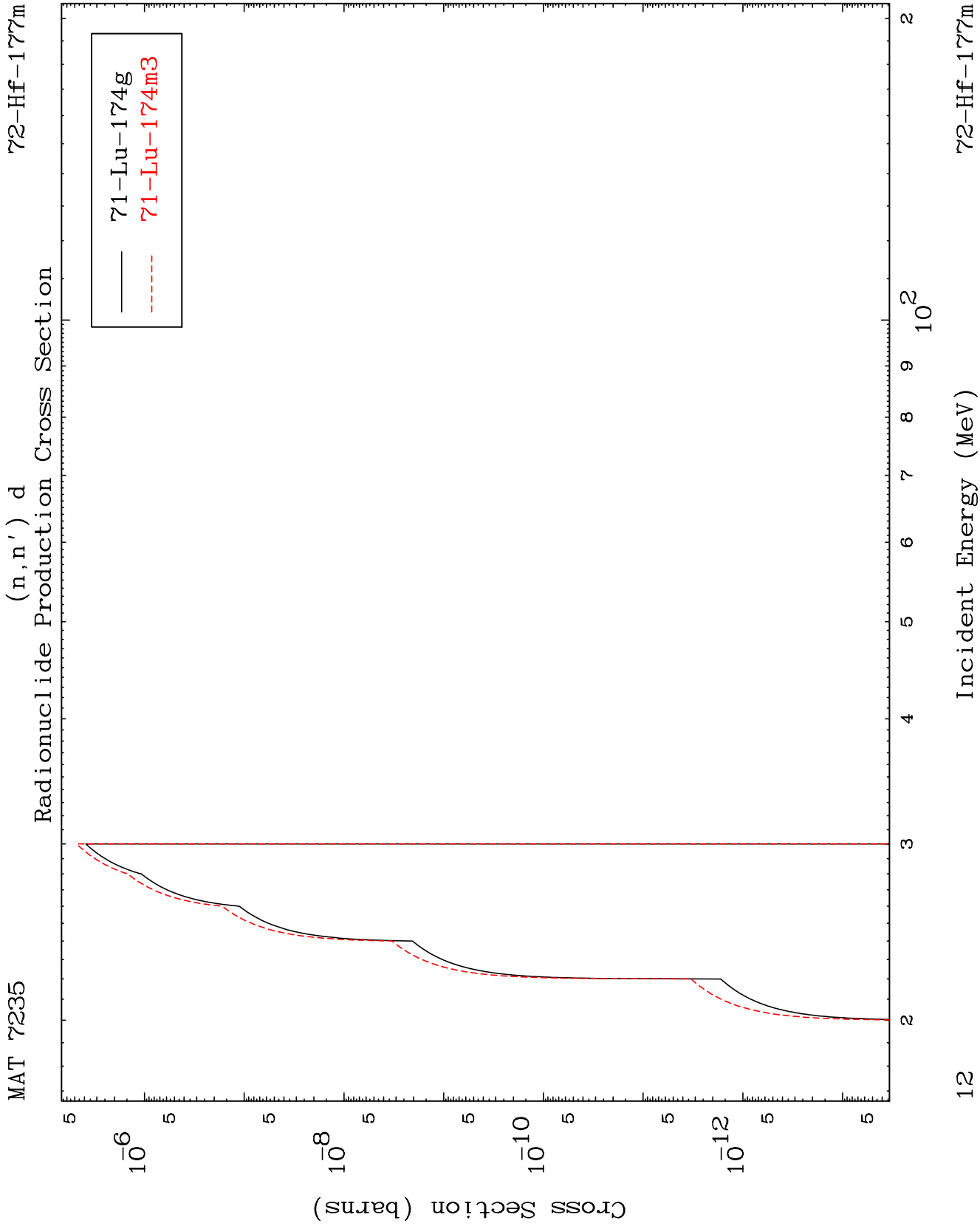
( $\gamma, \alpha$ ) Levels

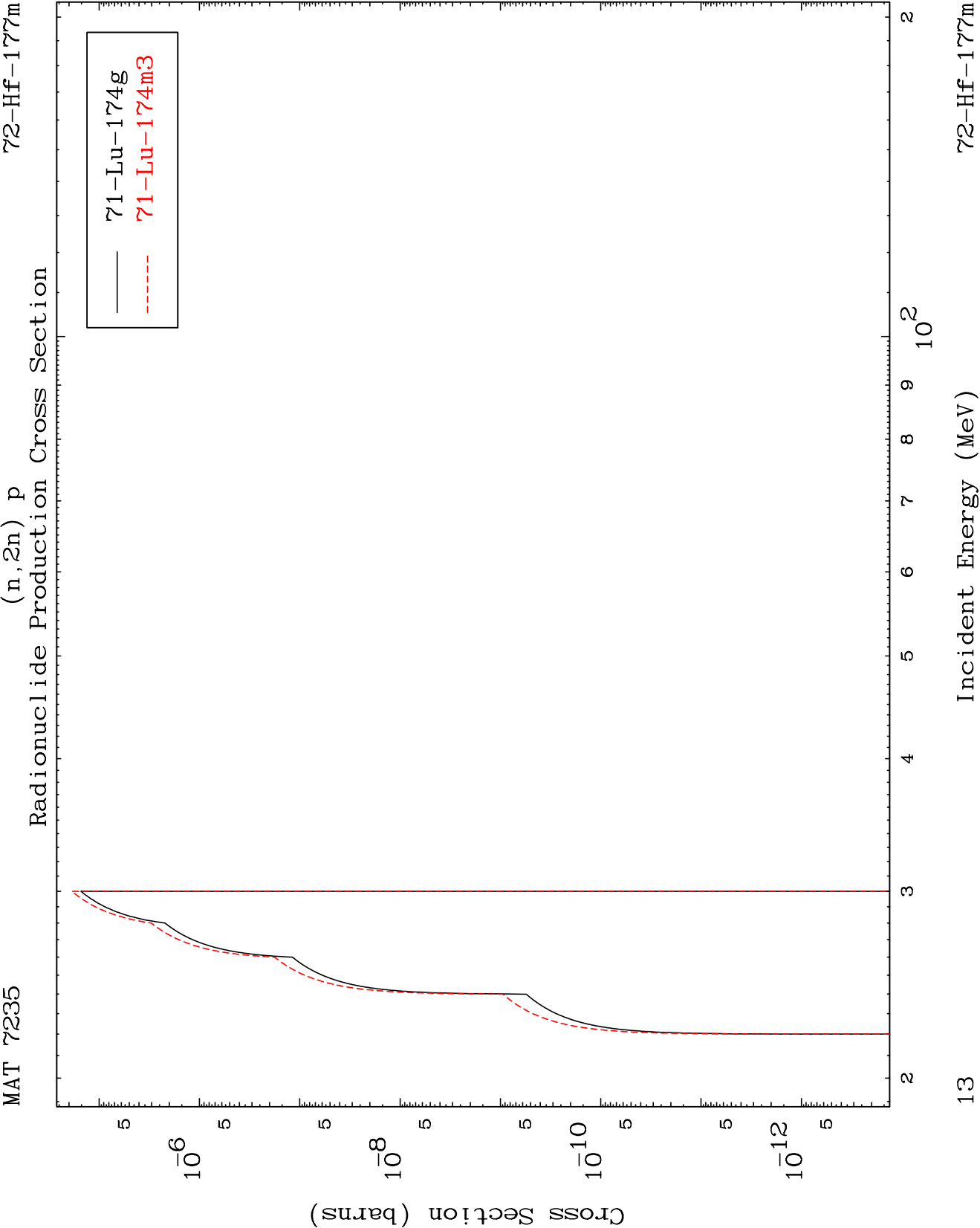
72-Hf-177m

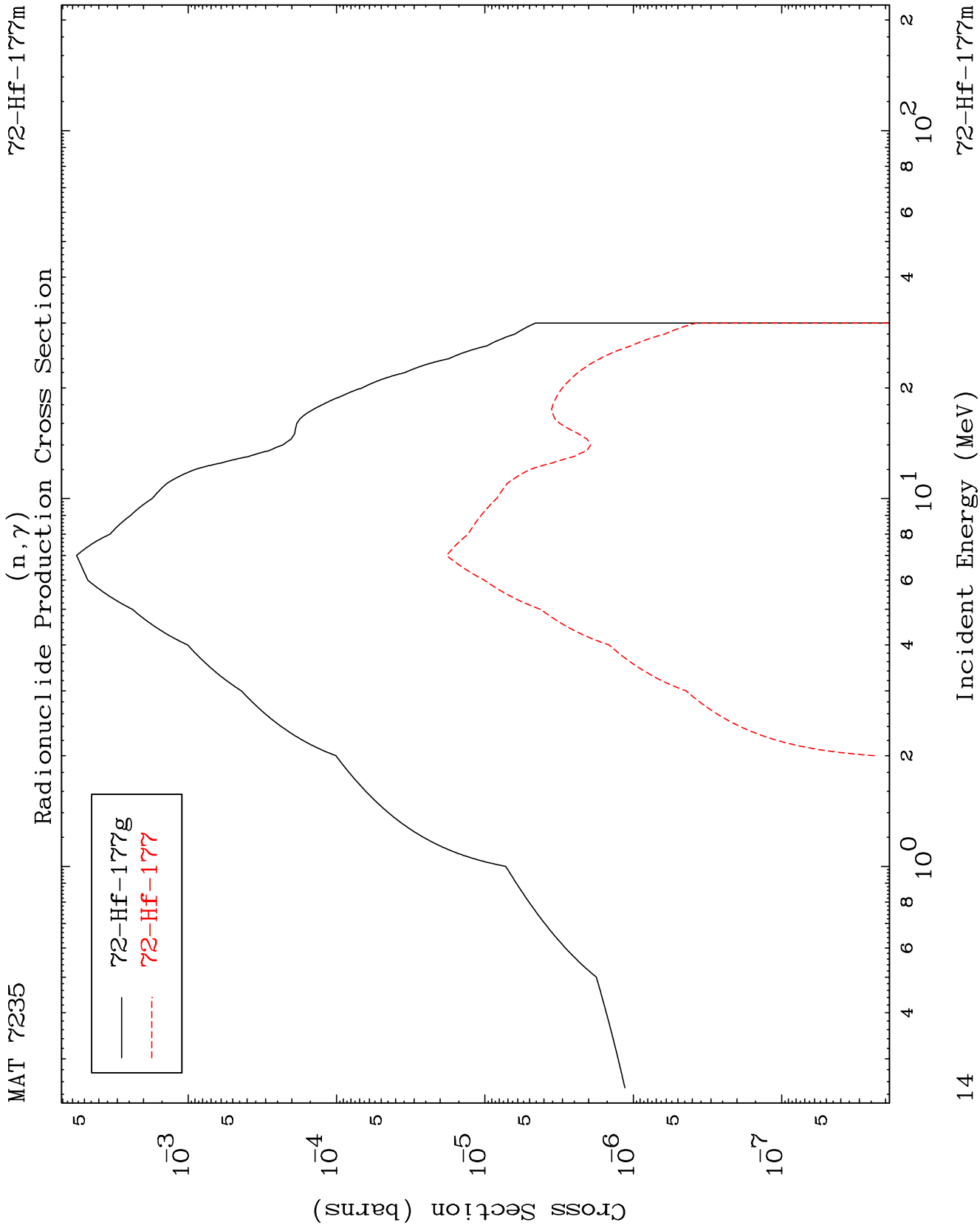
0 Kelvin Cross Sections

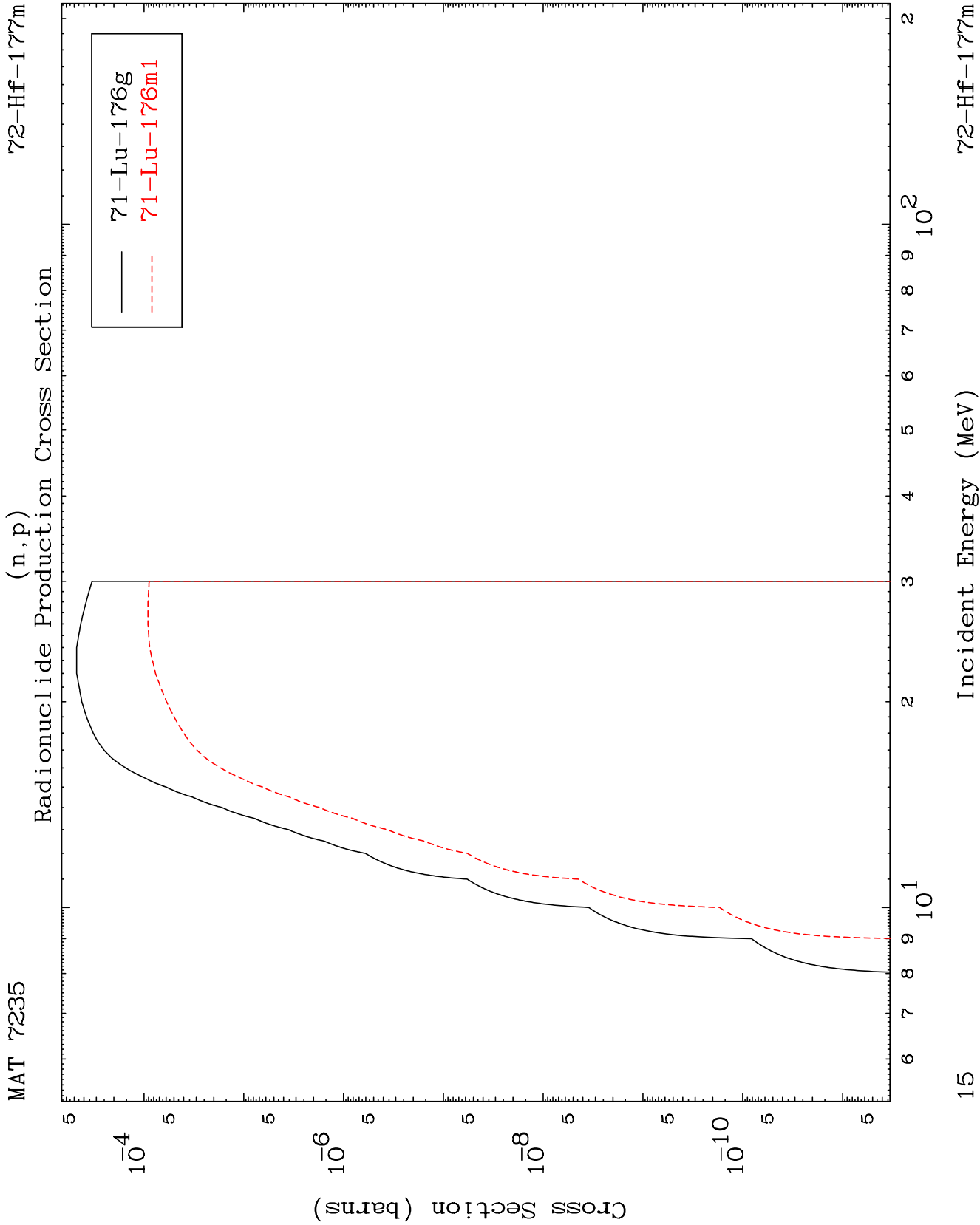


— ( $n, \alpha$ )









(n,t)  
Radionuclide Production Cross Section

