

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

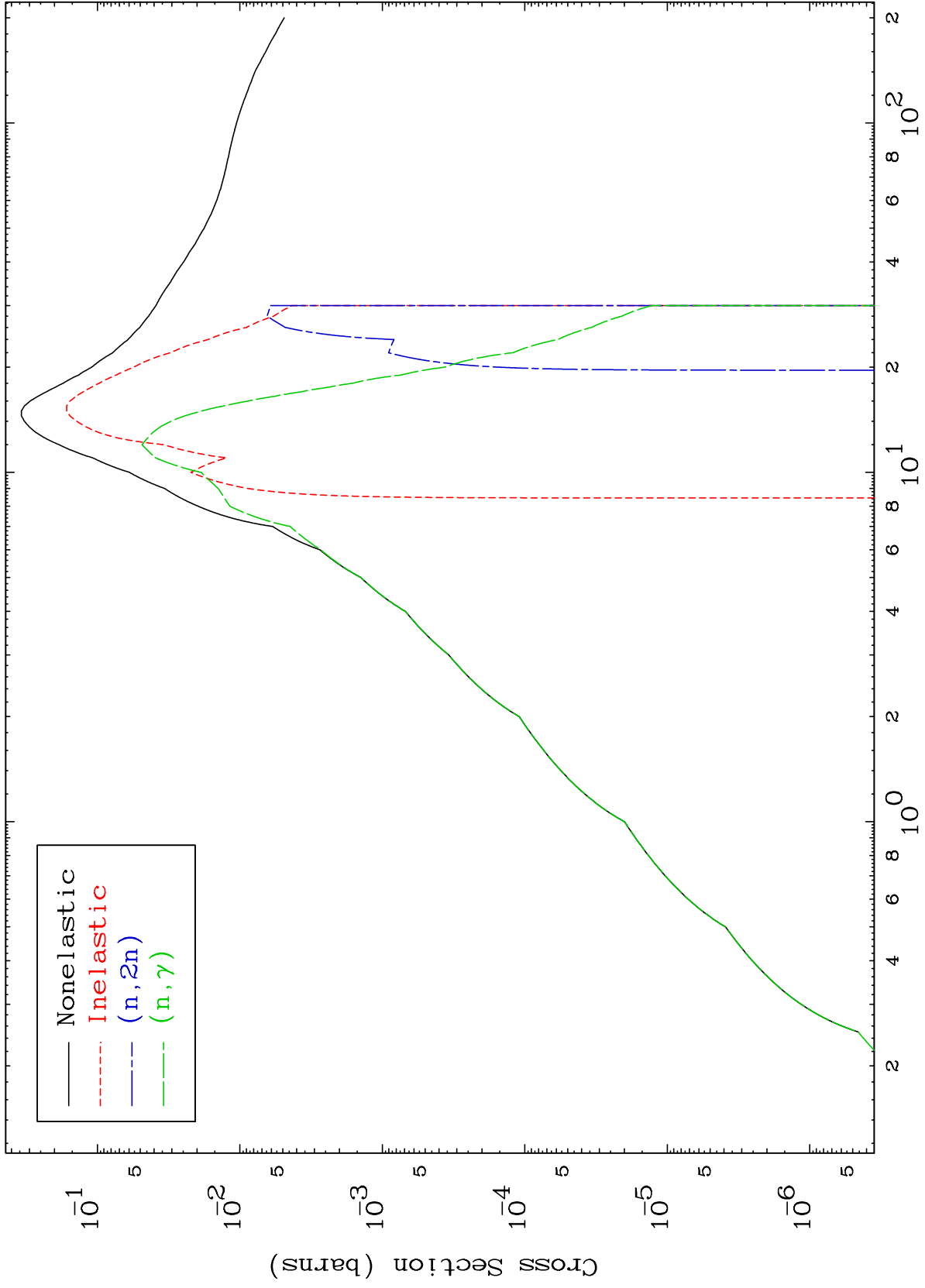
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7186

Photon Major  
0 Kelvin Cross Sections

72-Hf-161



1

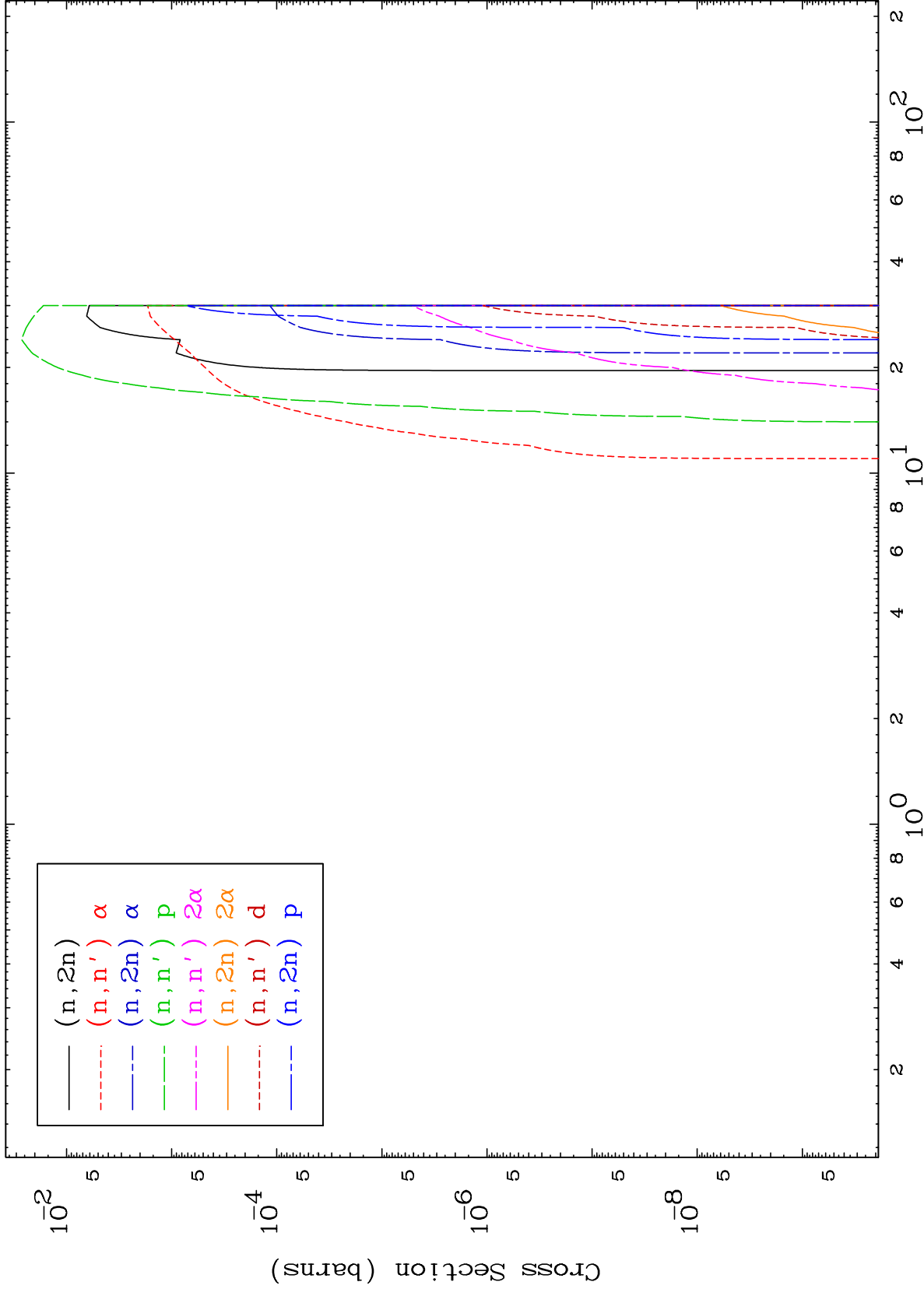
Incident Energy (MeV)

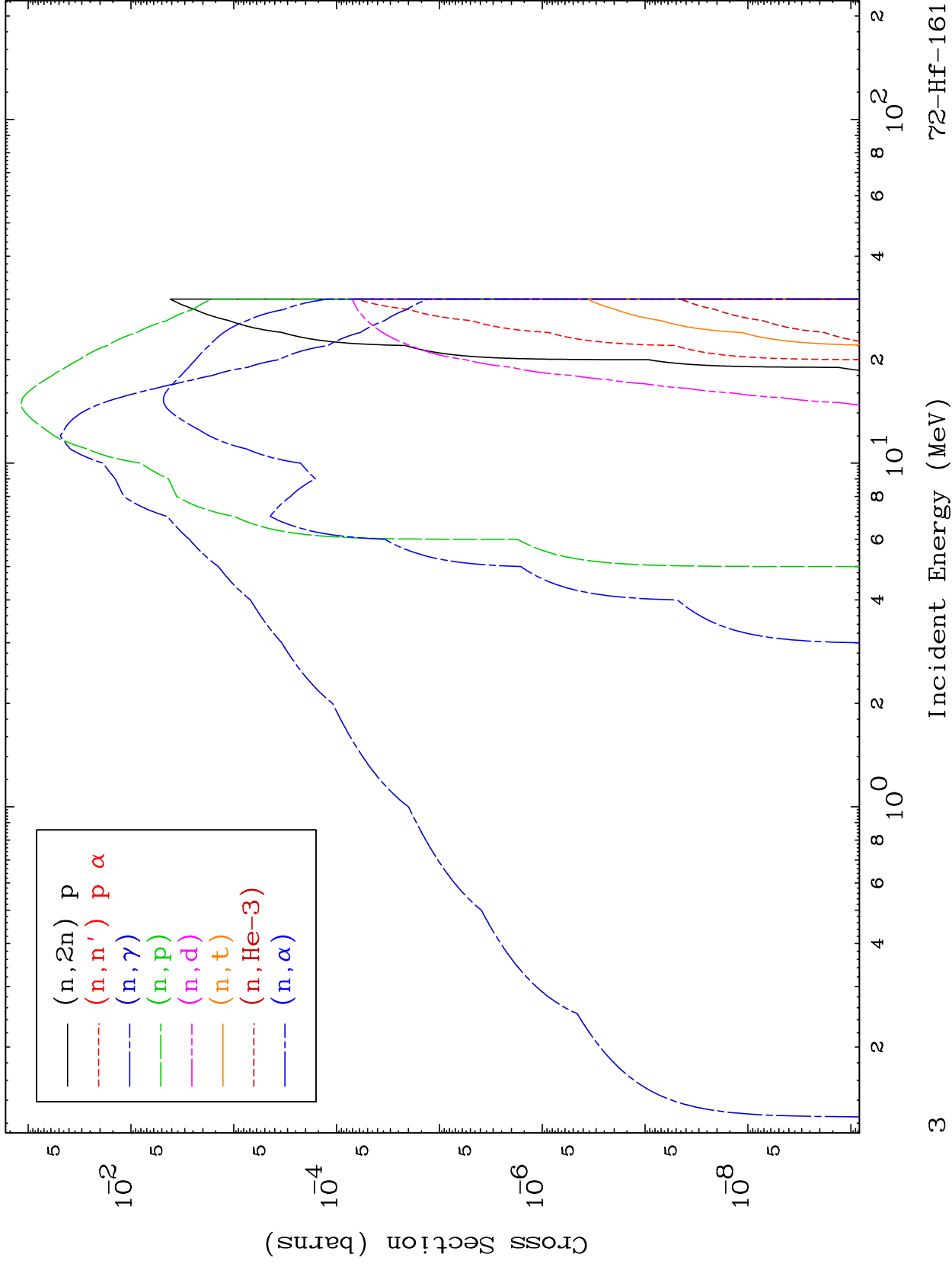
72-Hf-161

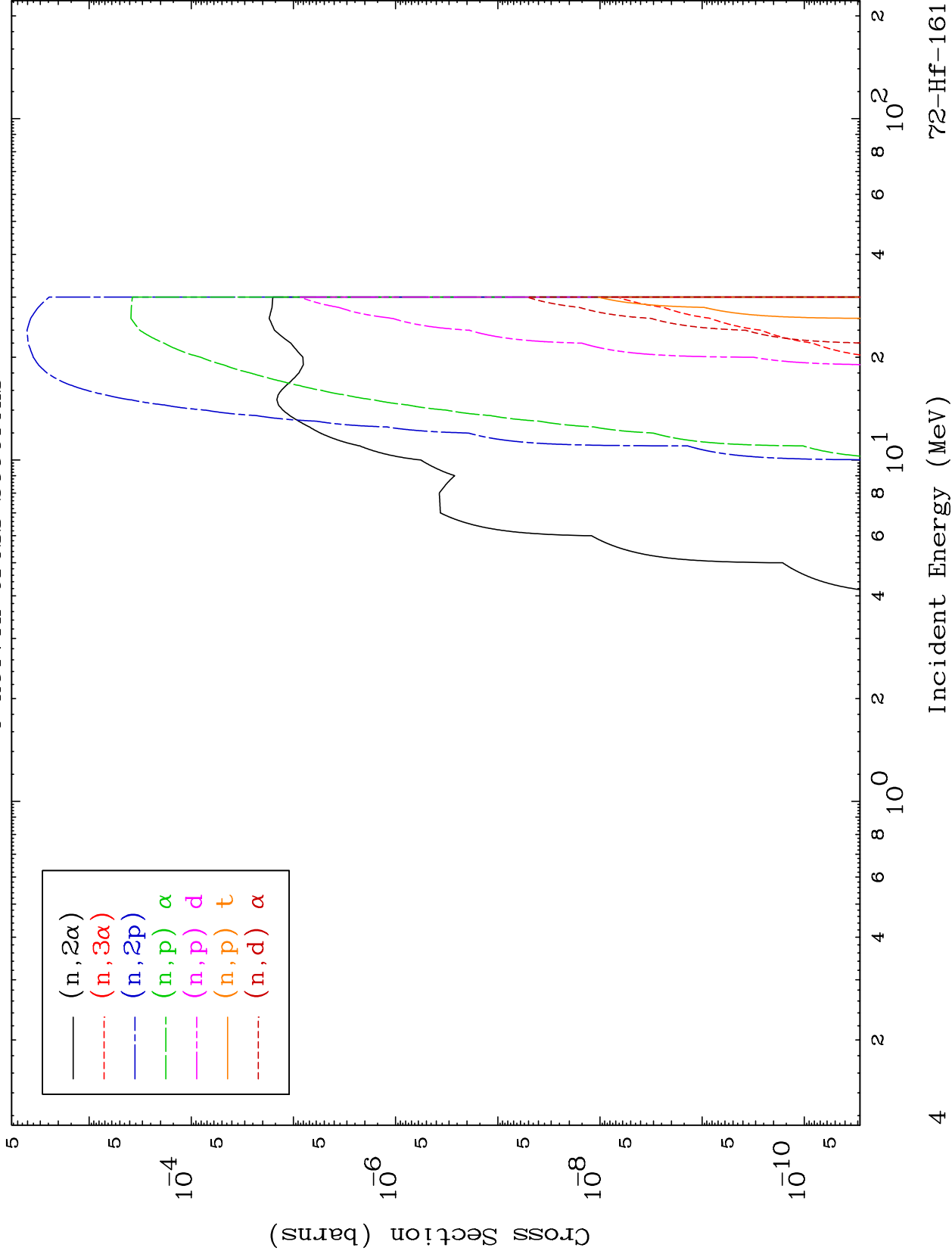
MAT 7186

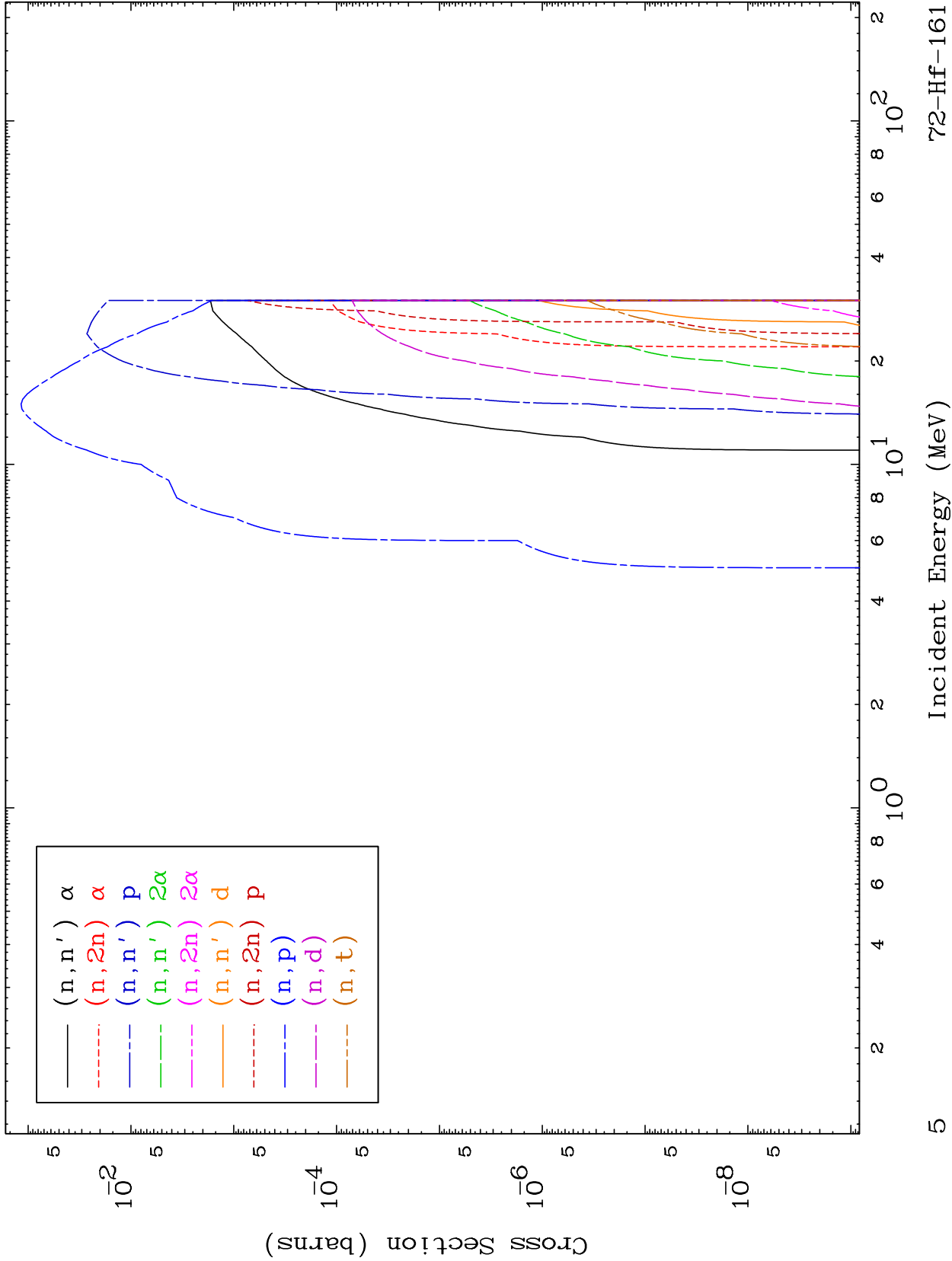
Photon Neutron Absorption  
0 Kelvin Cross Sections

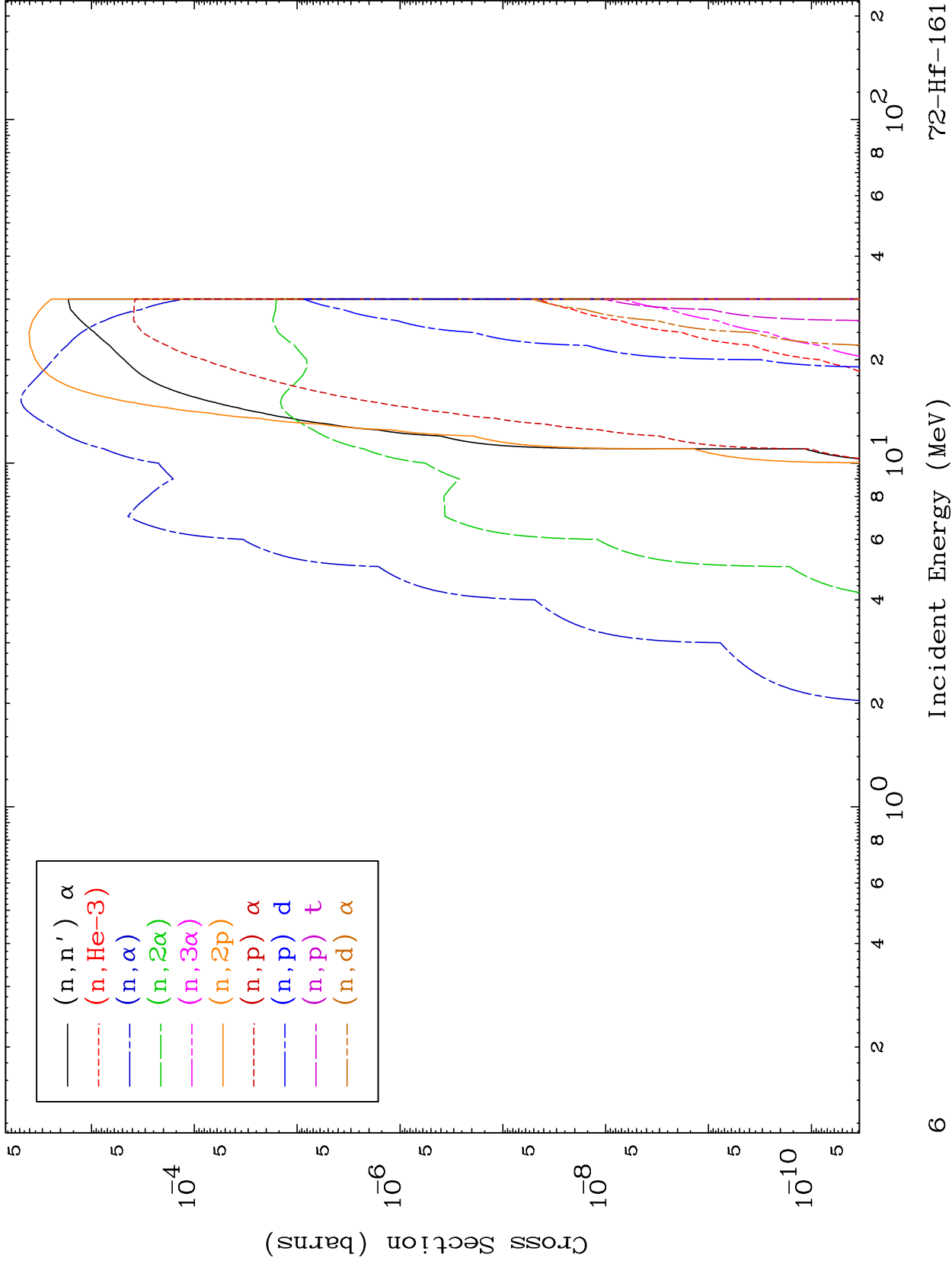
72-Hf-161



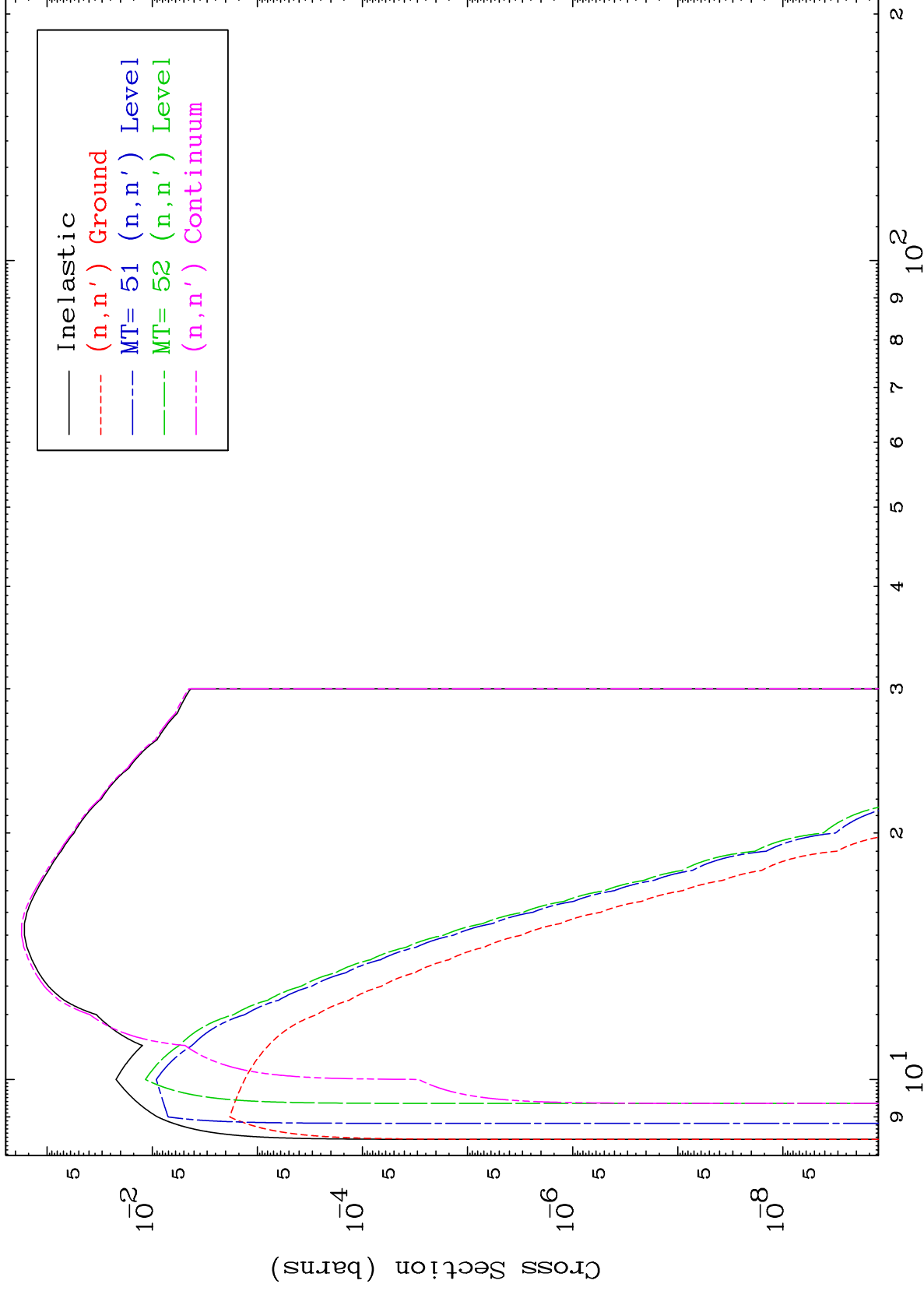






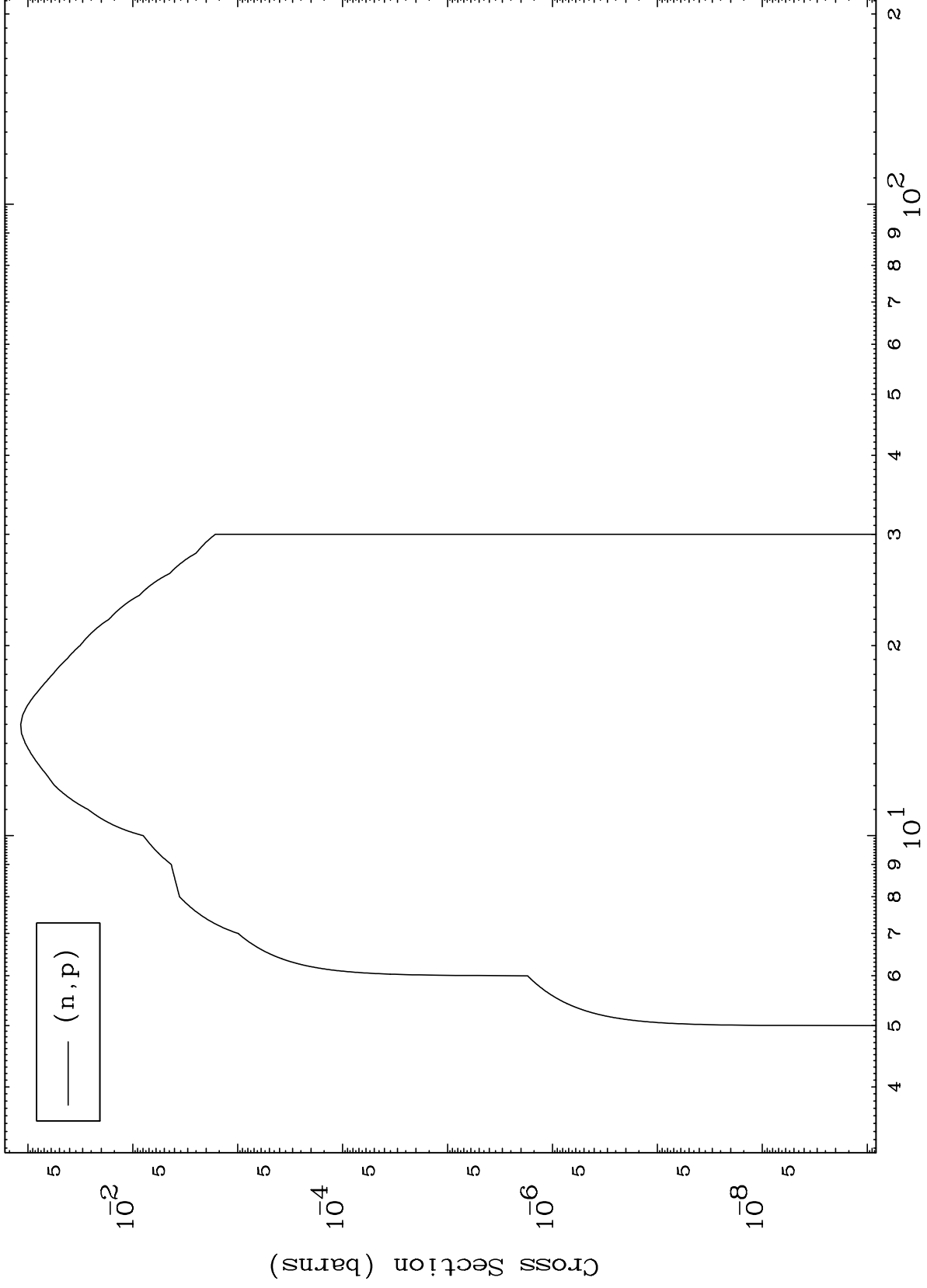


0 Kelvin Cross Sections





( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

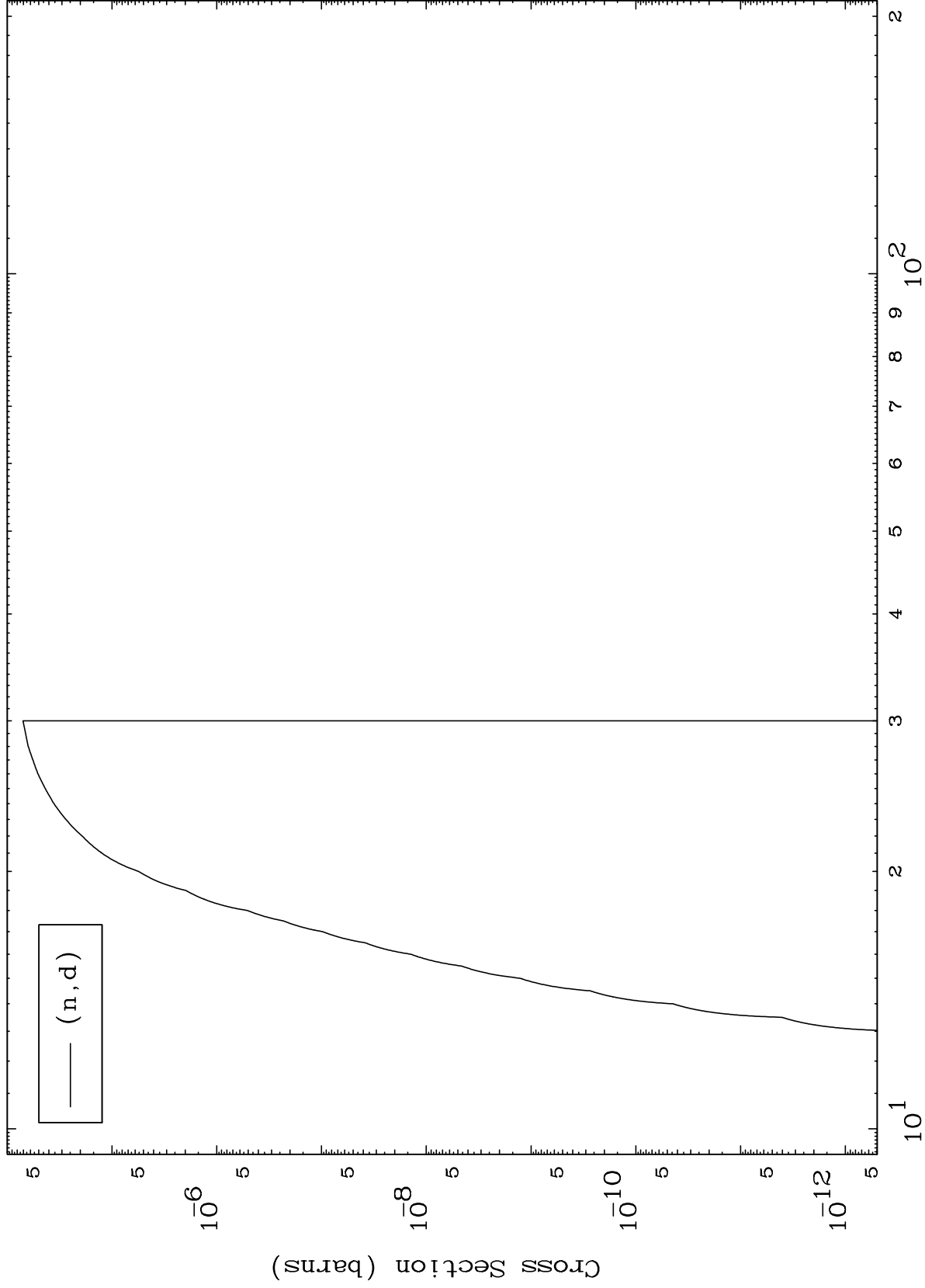


MAT 7186

( $\gamma, d$ ) Levels

72-Hf-161

0 Kelvin Cross Sections



Incident Energy (MeV)

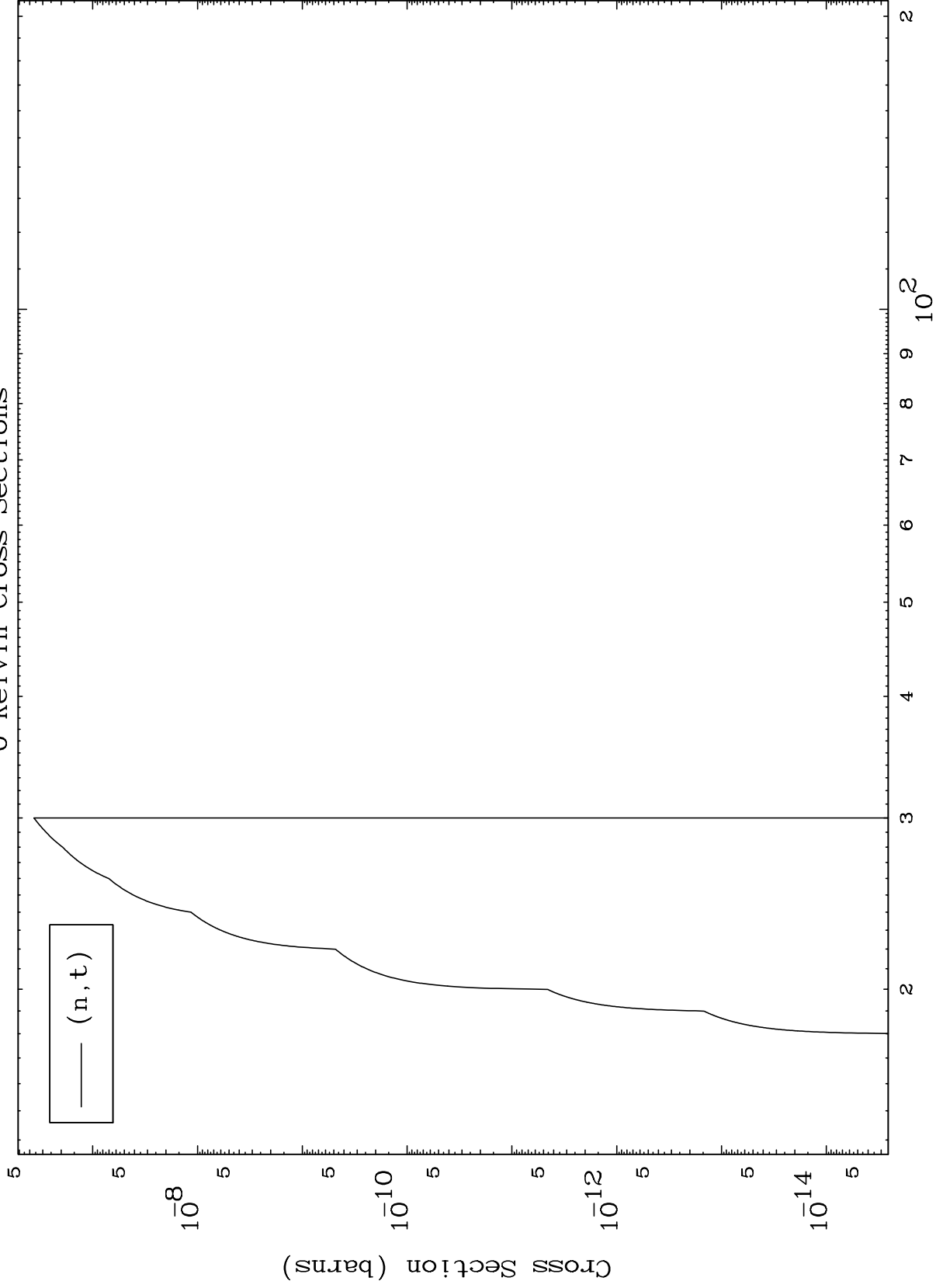
72-Hf-161

MAT 7186

( $\gamma, t$ ) Levels

72-Hf-161

0 Kelvin Cross Sections

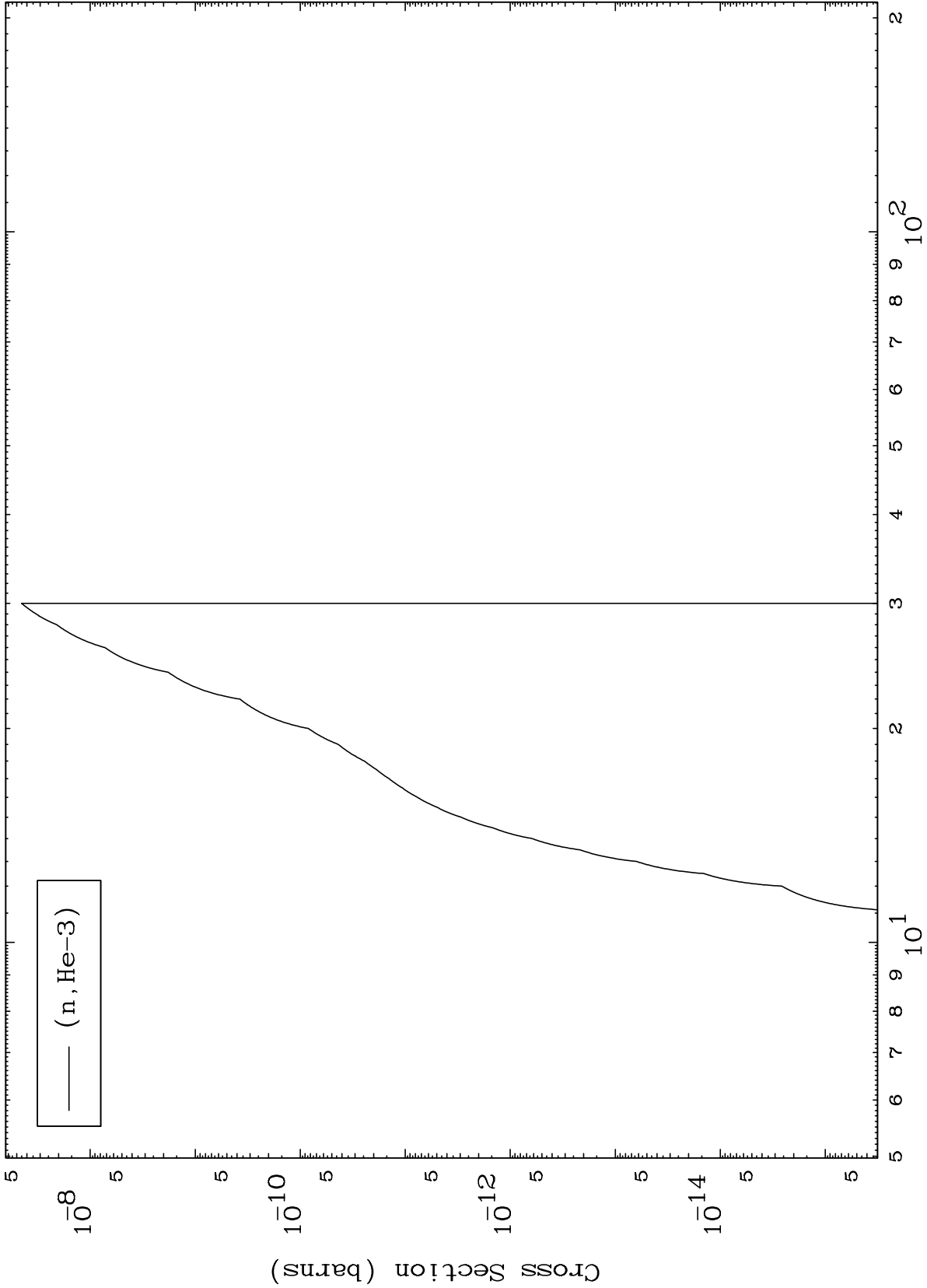


10

Incident Energy (MeV)

72-Hf-161

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

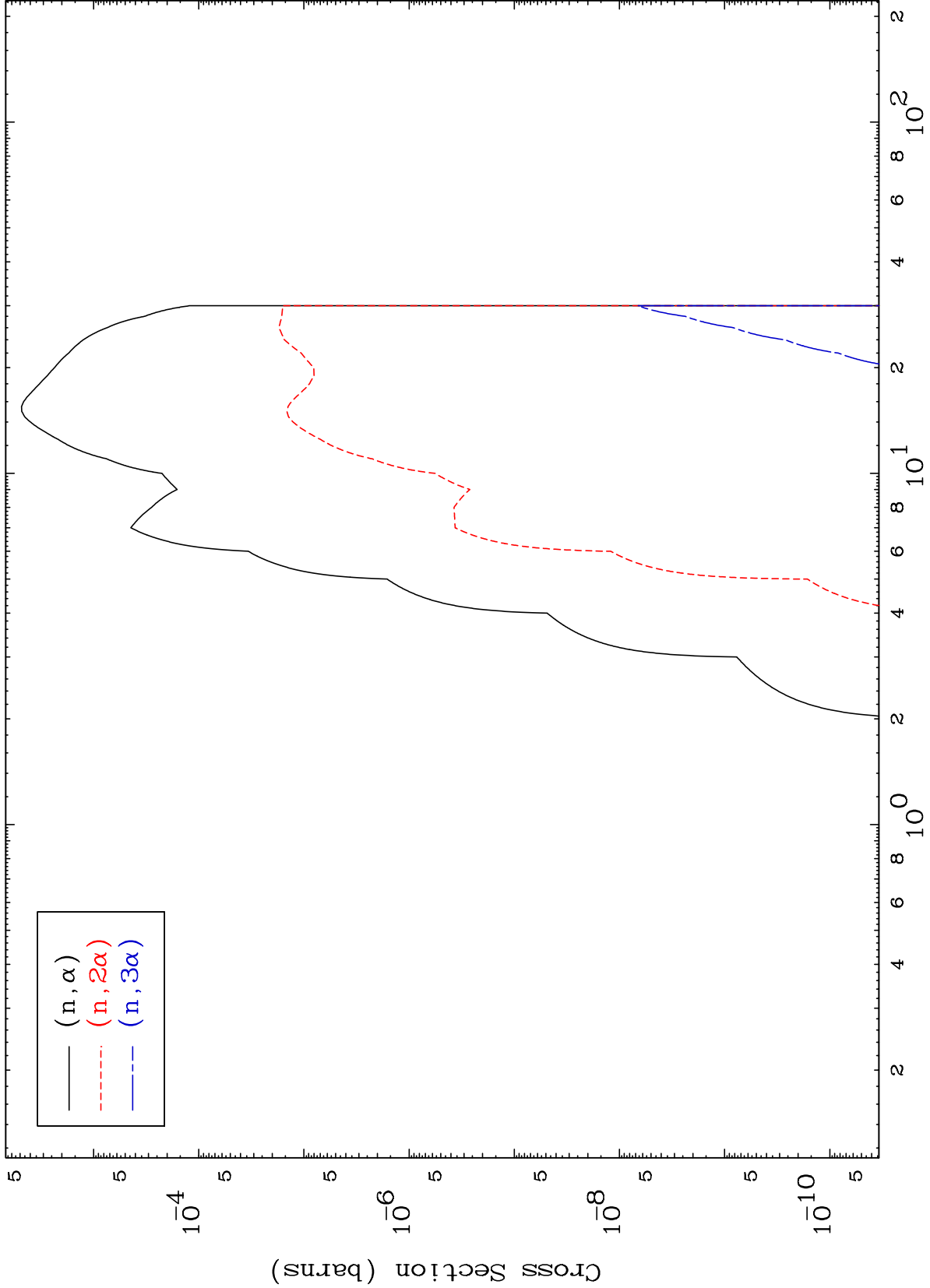


MAT 7186

( $\gamma, \alpha$ ) Levels

72-Hf-161

0 Kelvin Cross Sections

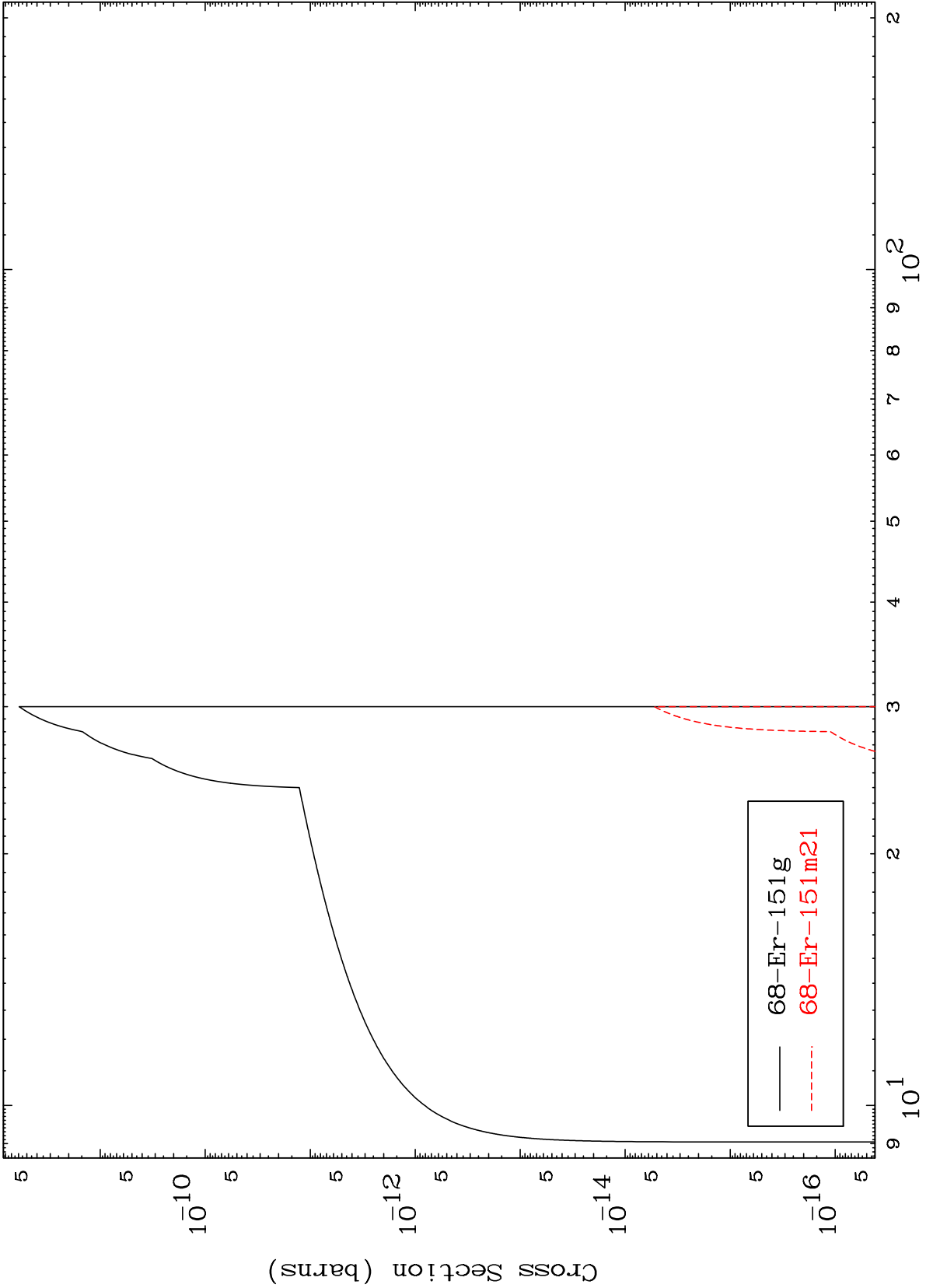


12

Incident Energy (MeV)

72-Hf-161

Radionuclide Production Cross Section

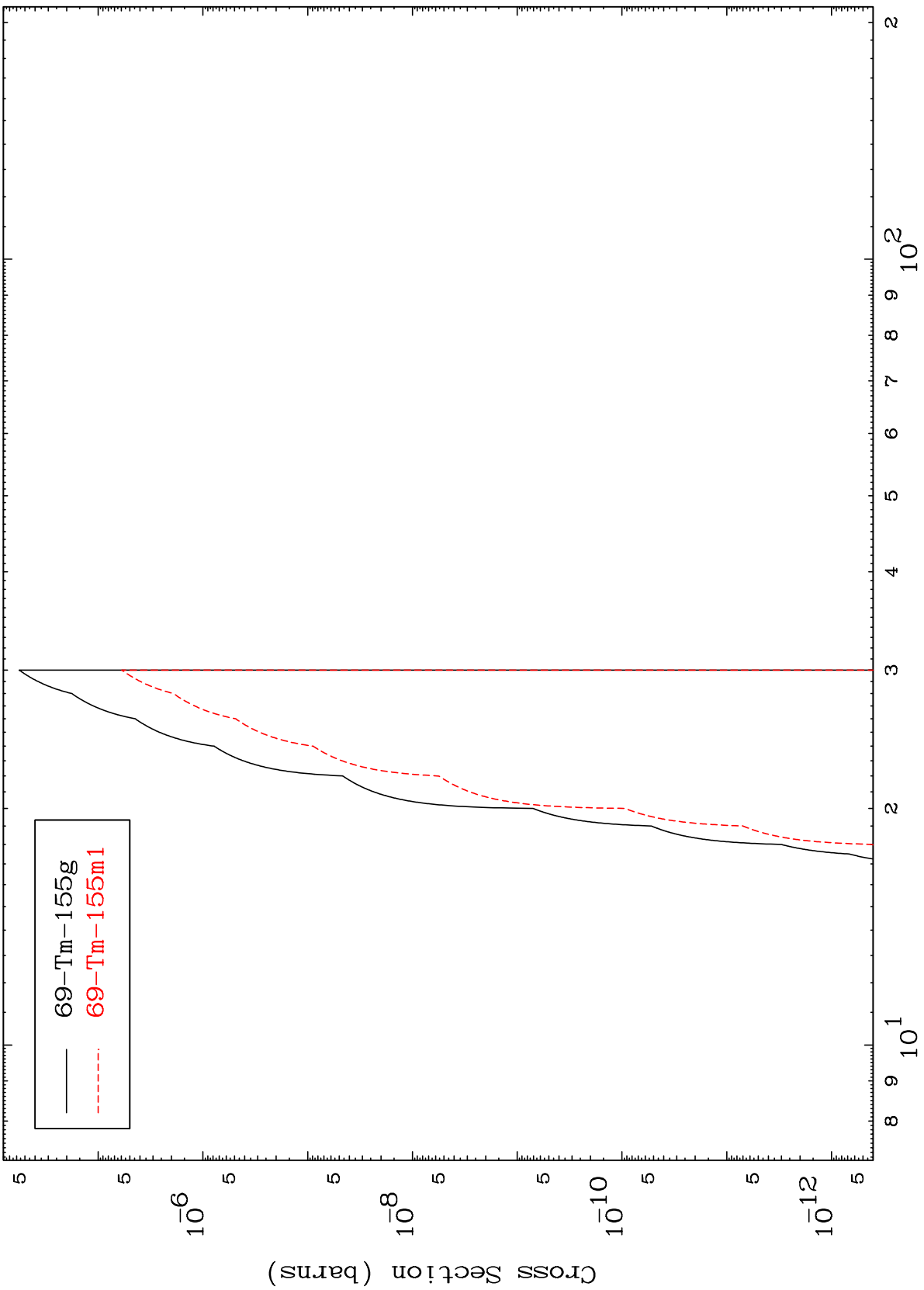


MAT 7186

(n,n') p  $\alpha$

72-Hf-161

Radionuclide Production Cross Section



14

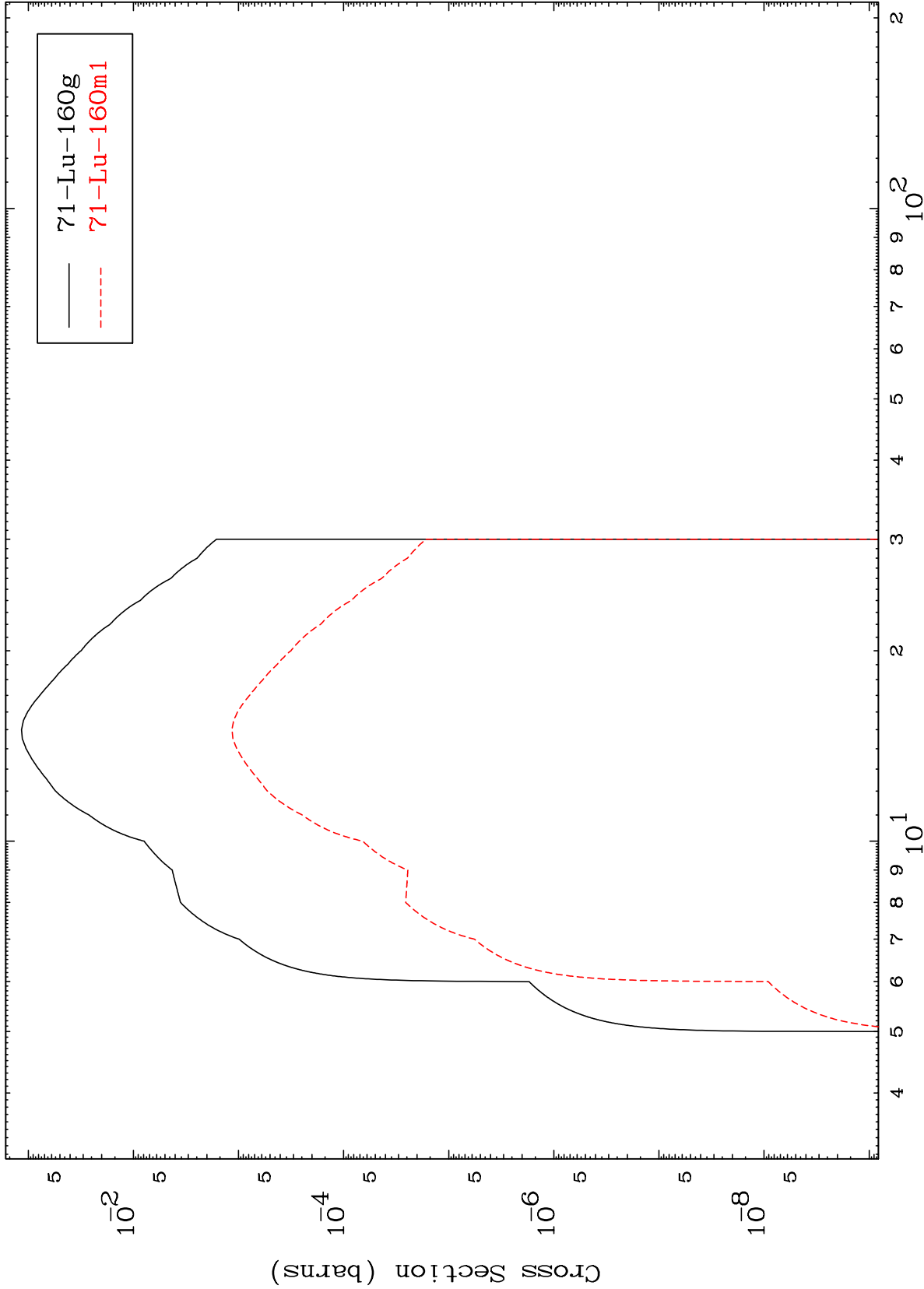
Incident Energy (MeV)

72-Hf-161

MAT 7186

72-Hf-161

(n,p)  
Radionuclide Production Cross Section



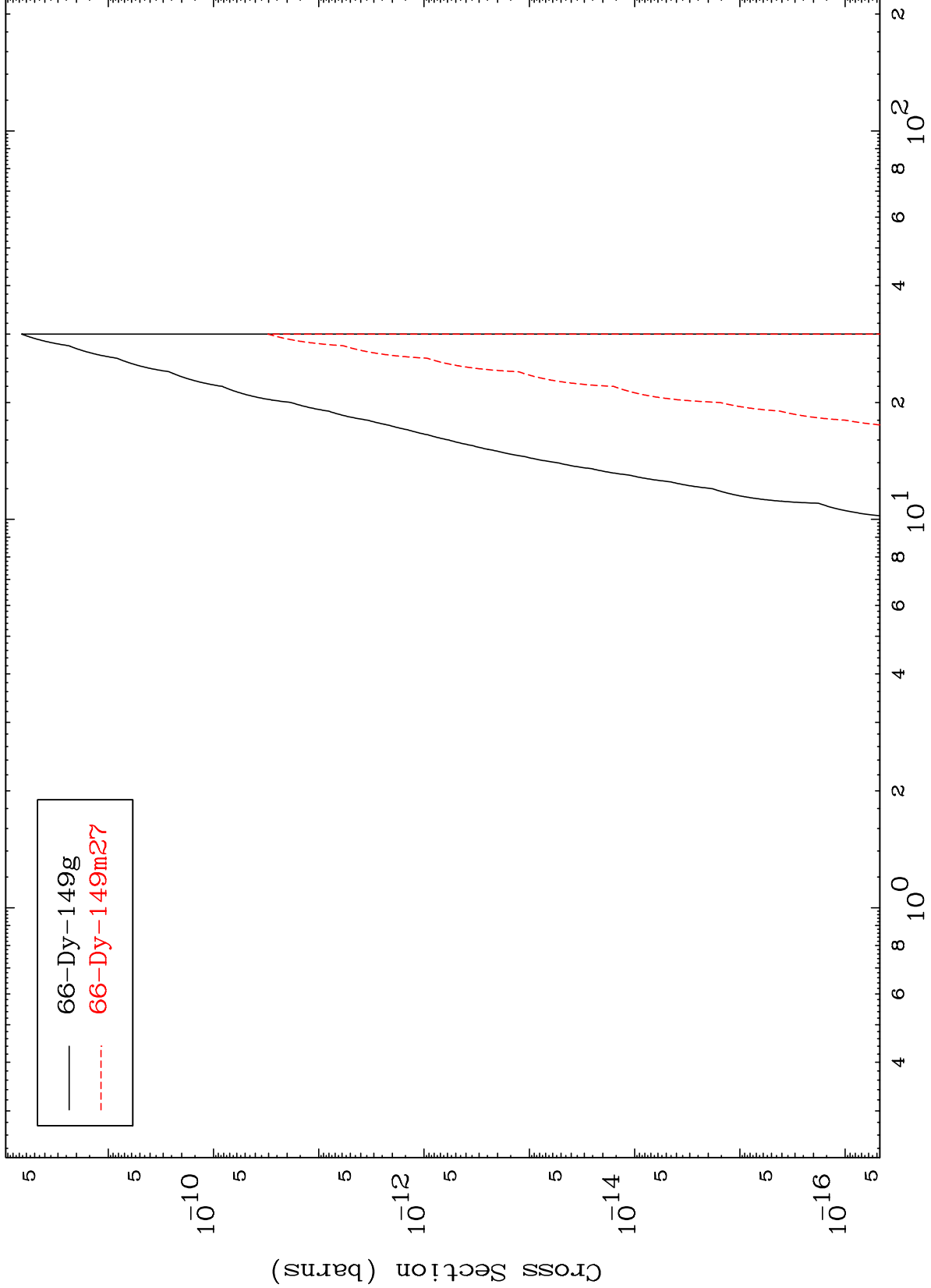
15

Incident Energy (MeV)

72-Hf-161



Radionuclide Production Cross Section

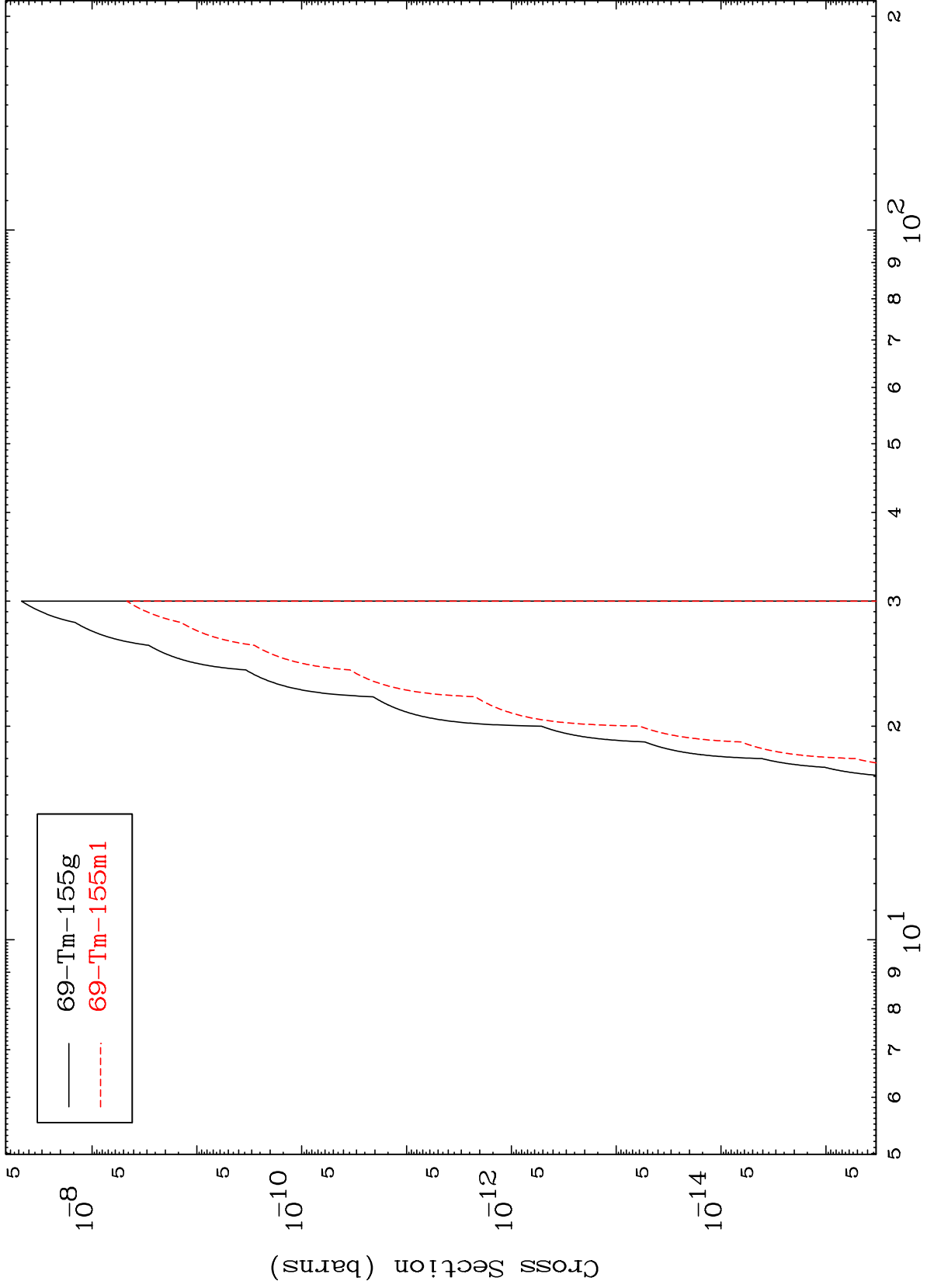


MAT 7186

(n,d)  $\alpha$

72-Hf-161

Radionuclide Production Cross Section



17

Incident Energy (MeV)

72-Hf-161