

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

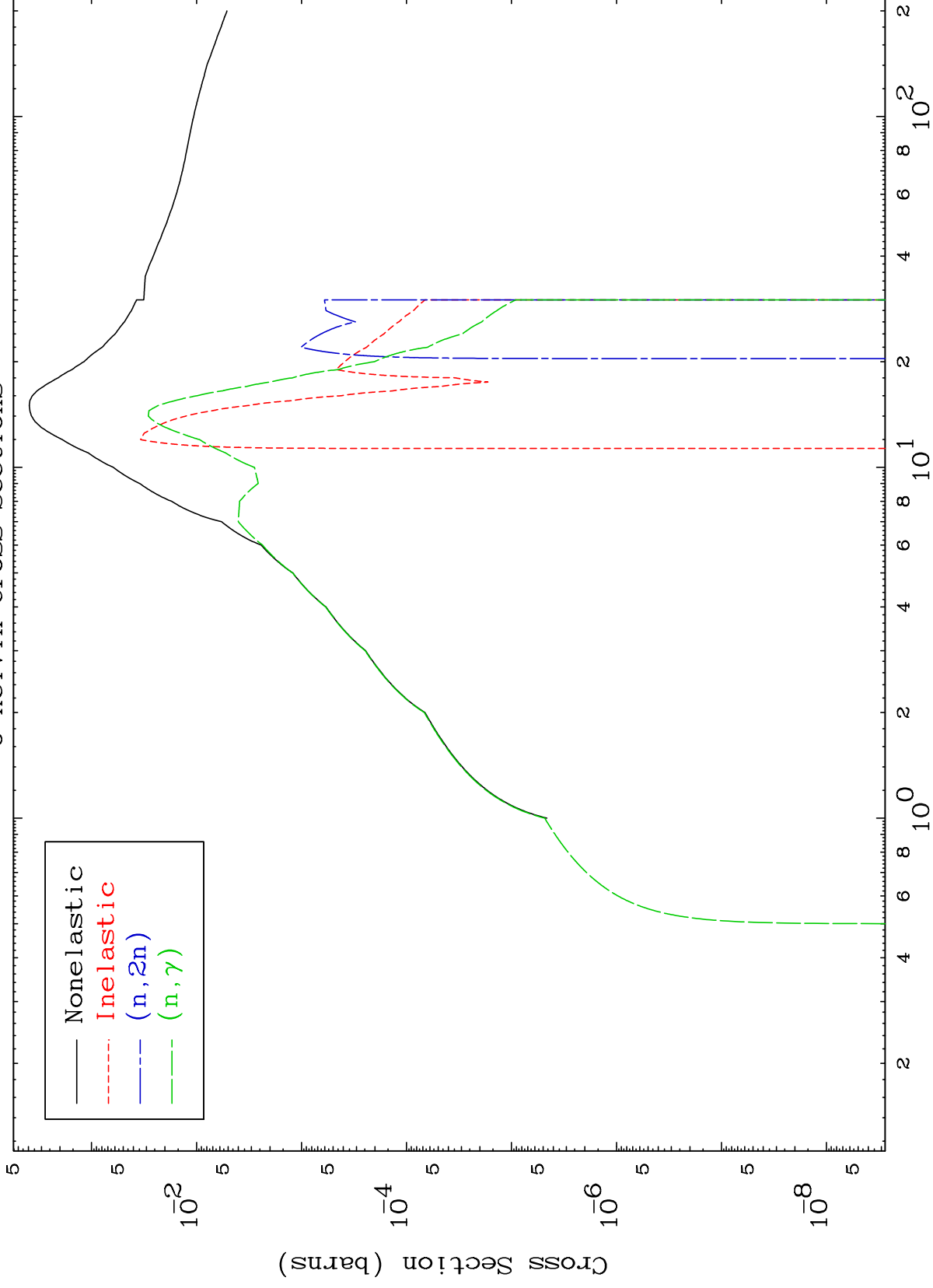
Press Mouse Button to Start

MAT 7177

Photon Major

72-Hf-158

0 Kelvin Cross Sections



1

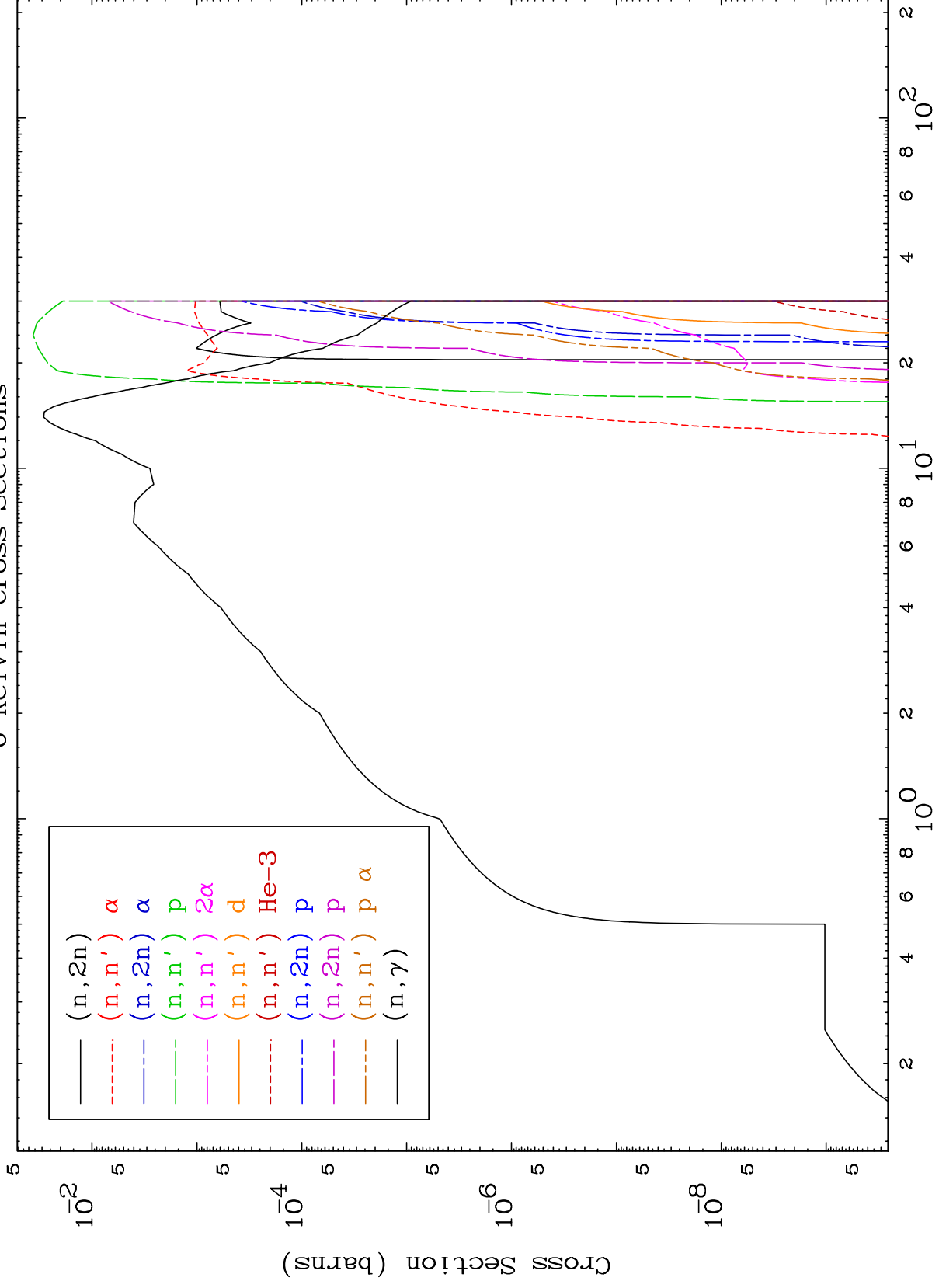
Incident Energy (MeV)

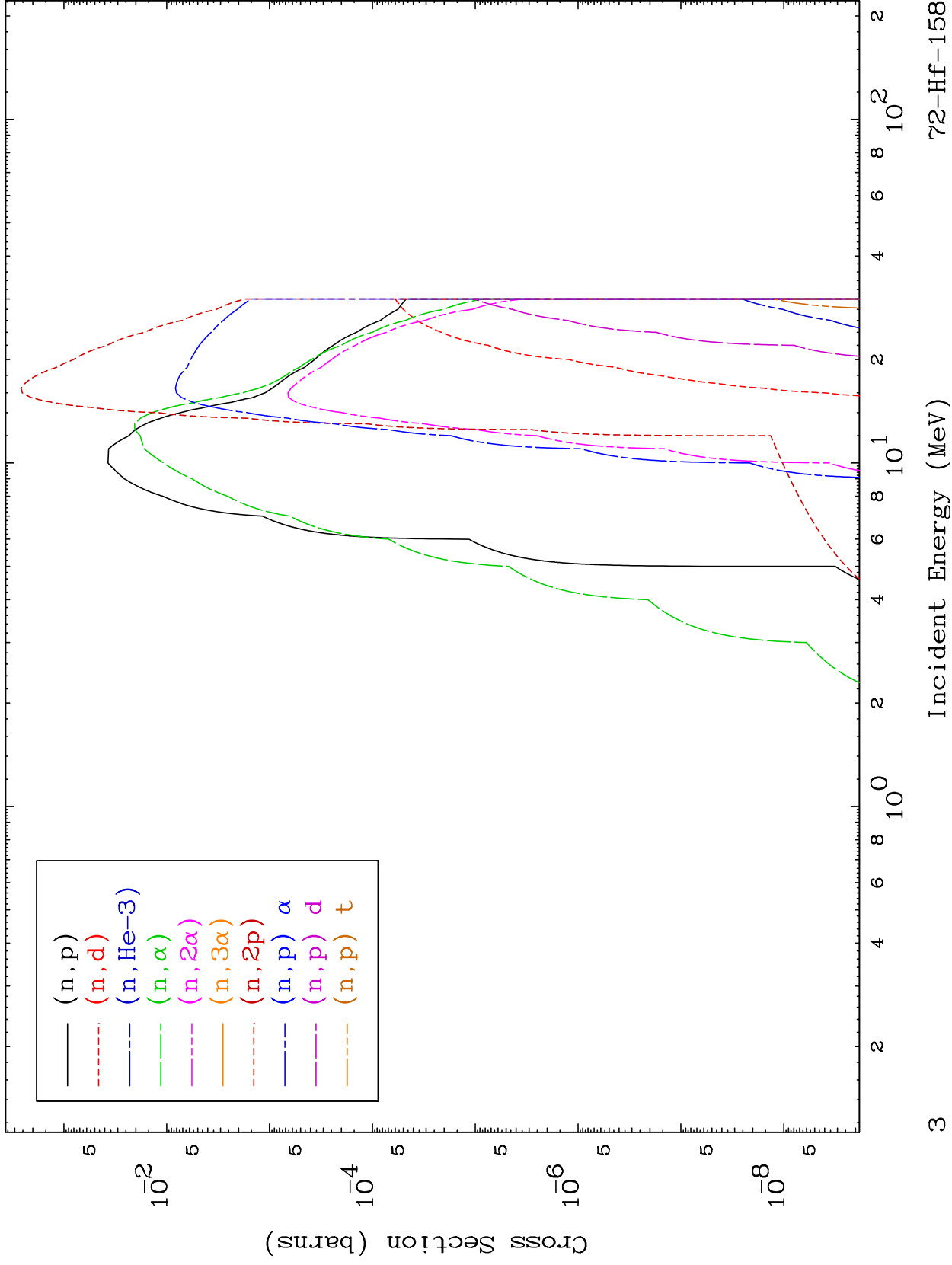
72-Hf-158

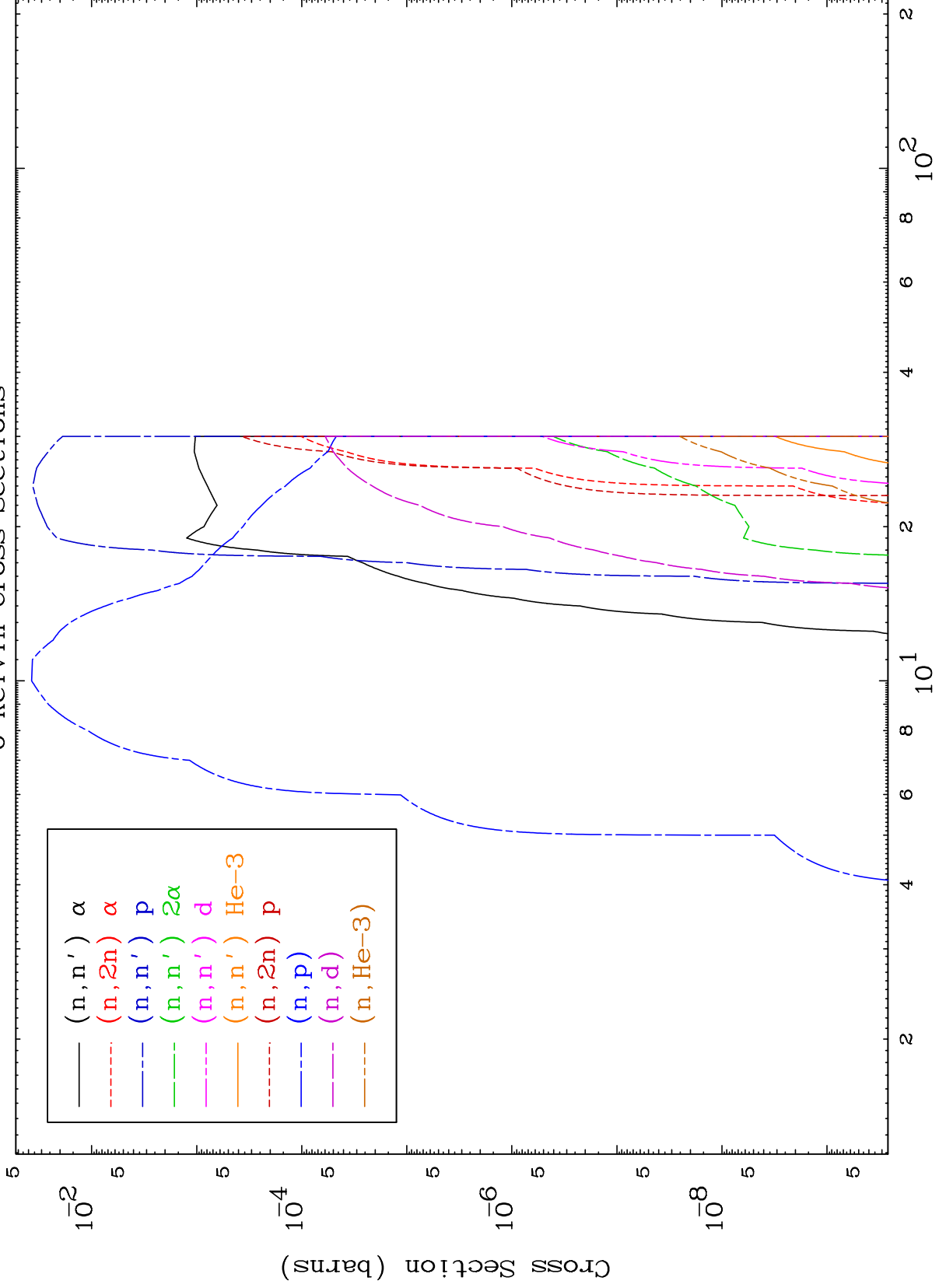
MAT 7177

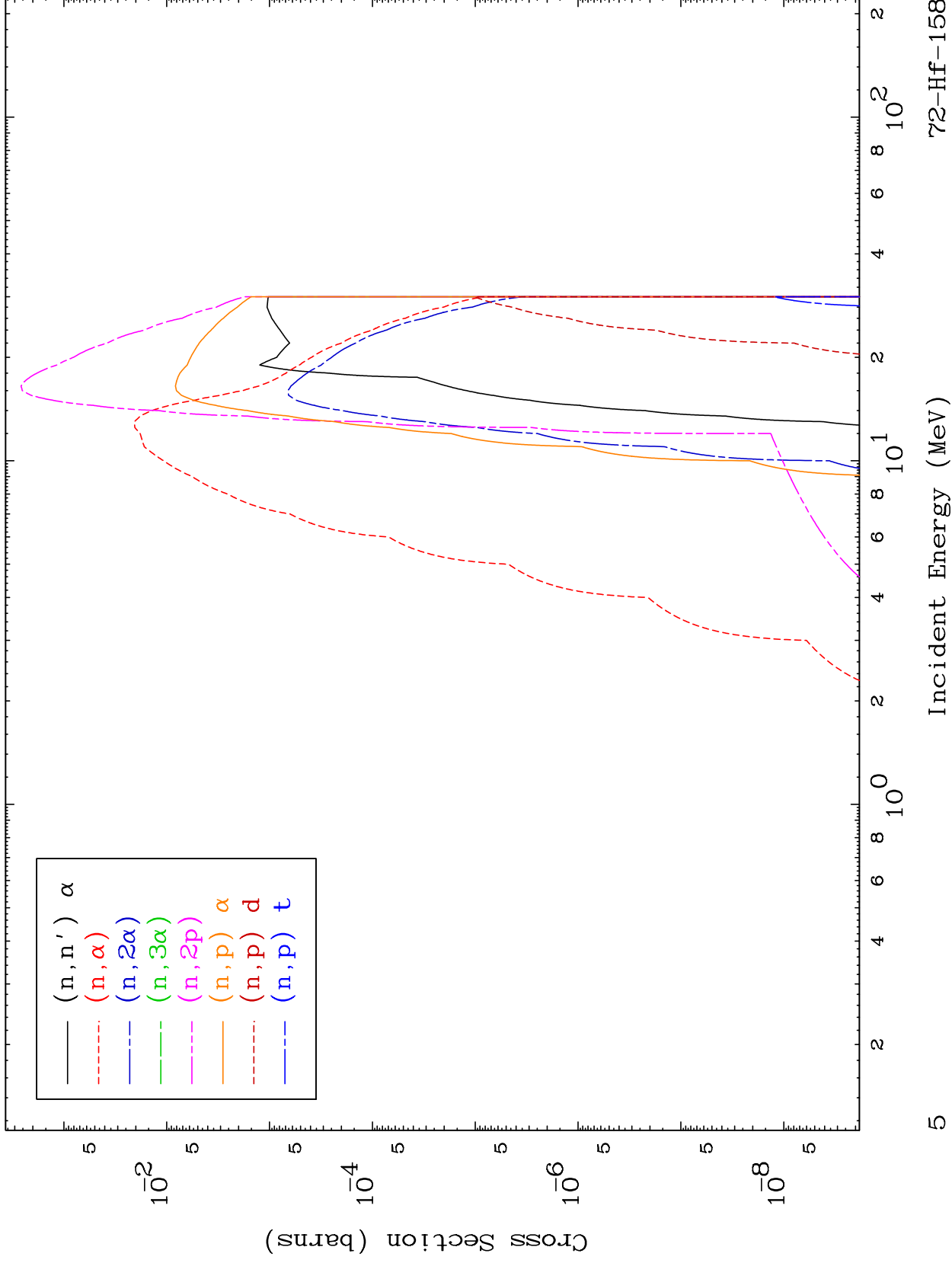
Photon Neutron Absorption  
0 Kelvin Cross Sections

72-Hf-158

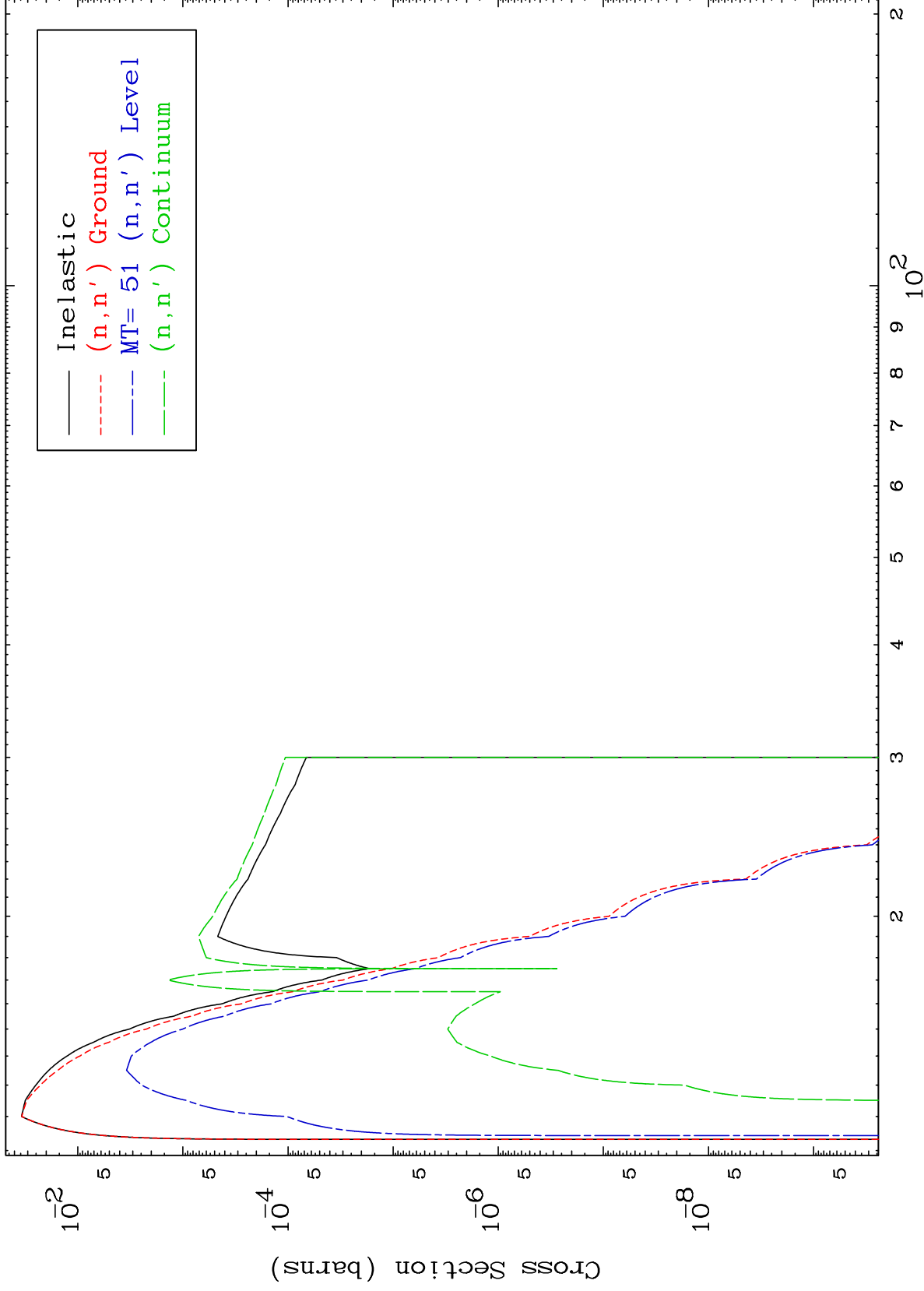








0 Kelvin Cross Sections

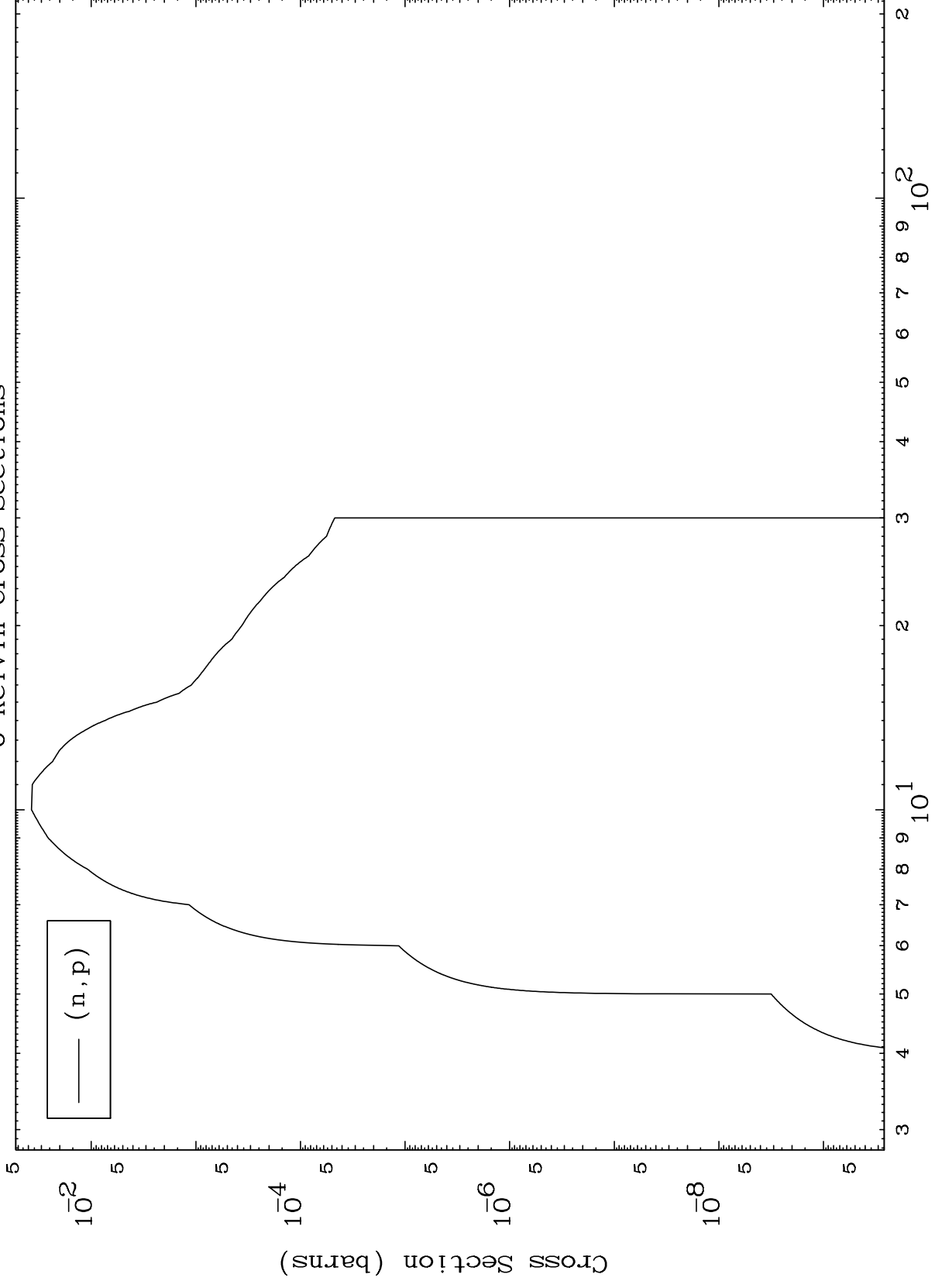


MAT 7177

( $\gamma, p$ ) Levels

72-Hf-158

0 Kelvin Cross Sections

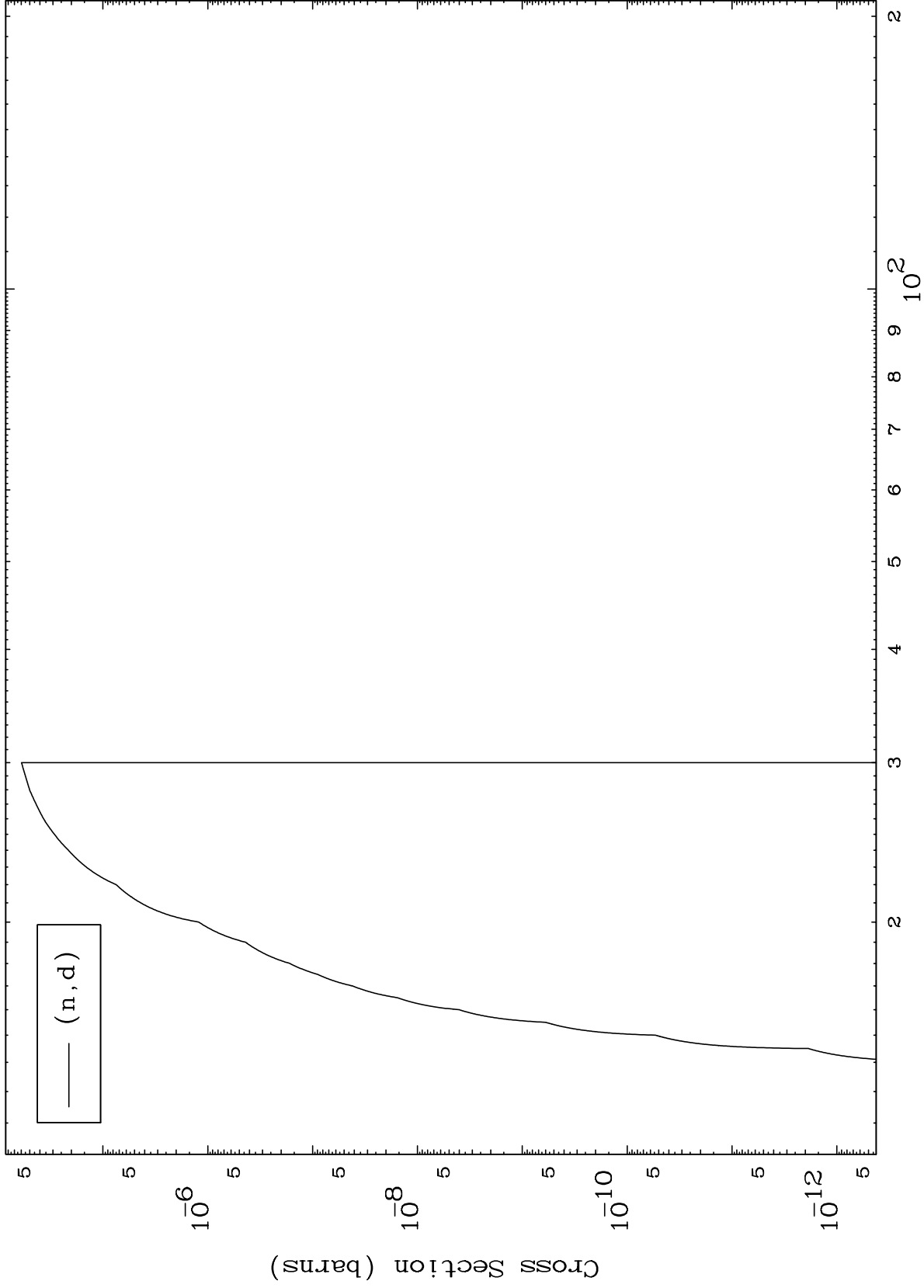


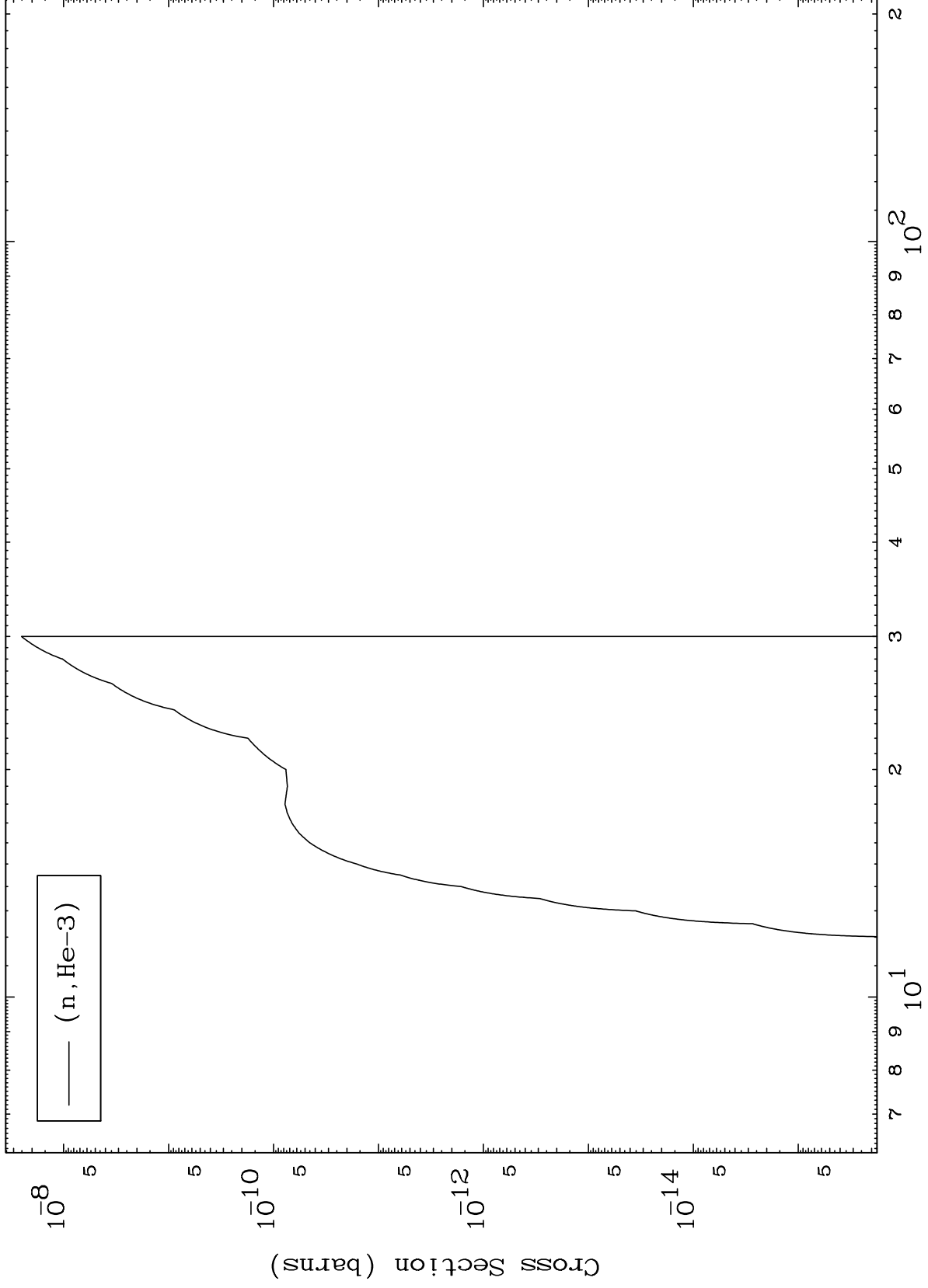
(n, p)

Incident Energy (MeV)

72-Hf-158

7



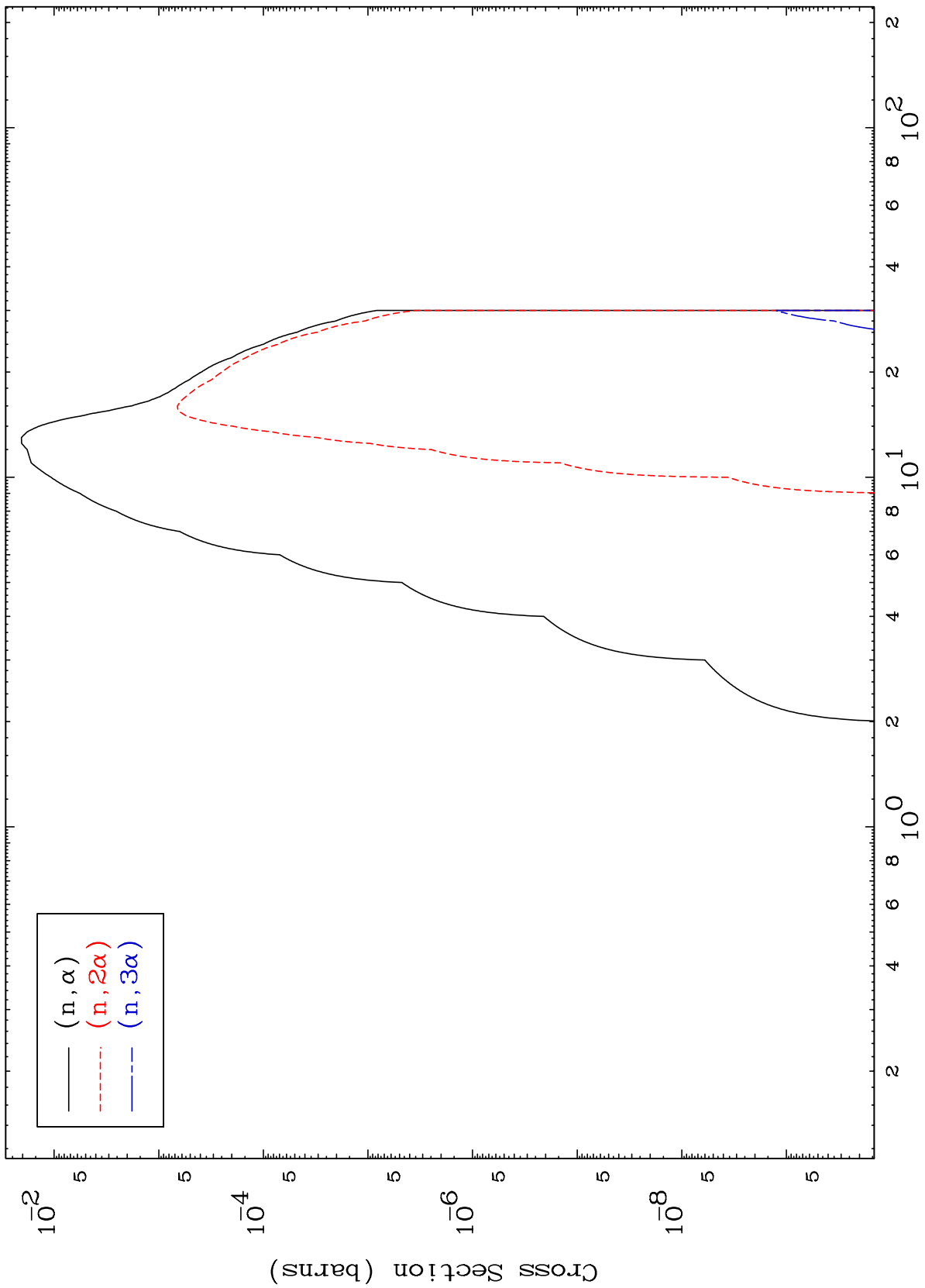


MAT 7177

( $\gamma, \alpha$ ) Levels

72-Hf-158

0 Kelvin Cross Sections



10

Incident Energy (MeV)

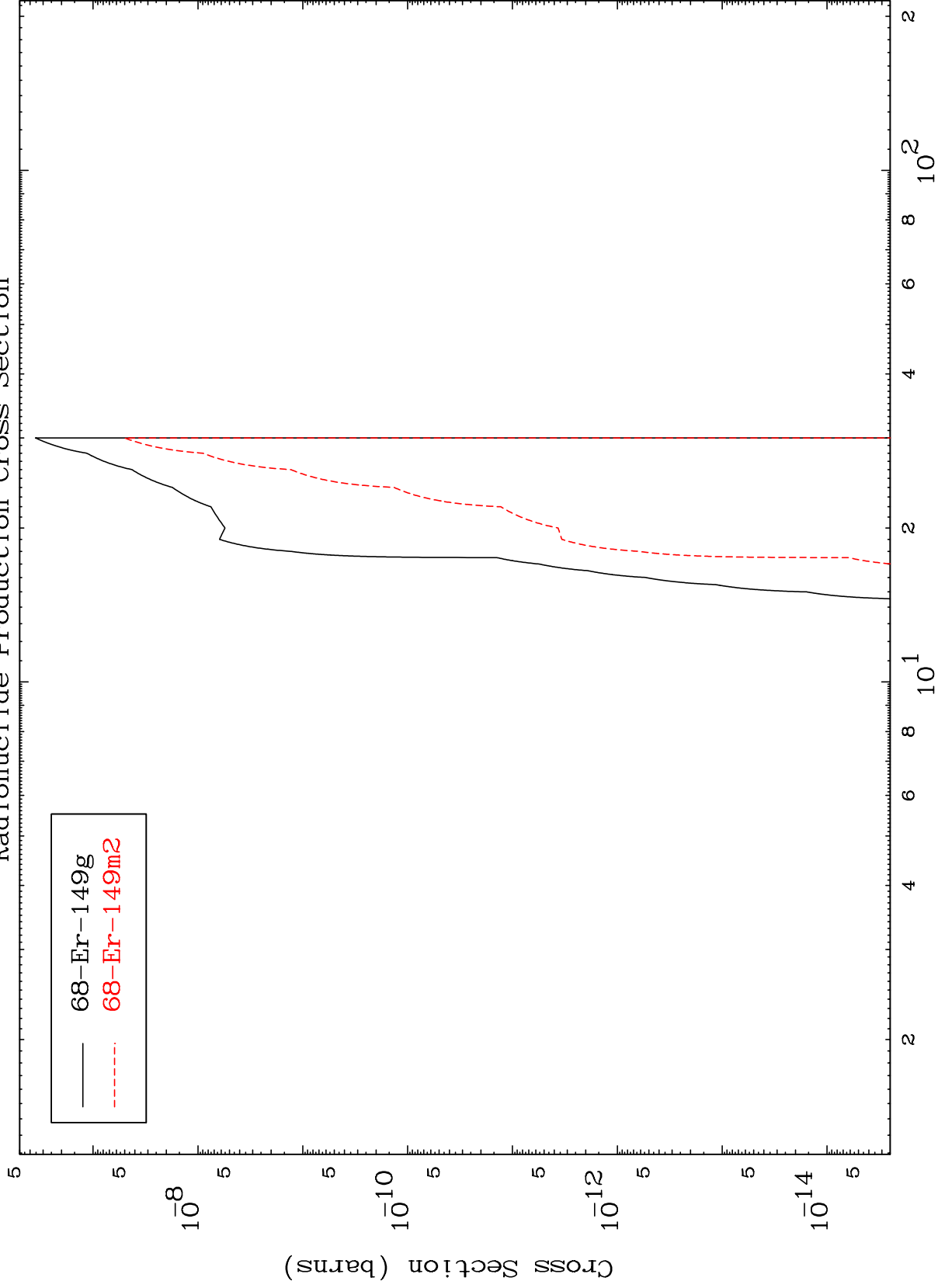
72-Hf-158

MAT 7177

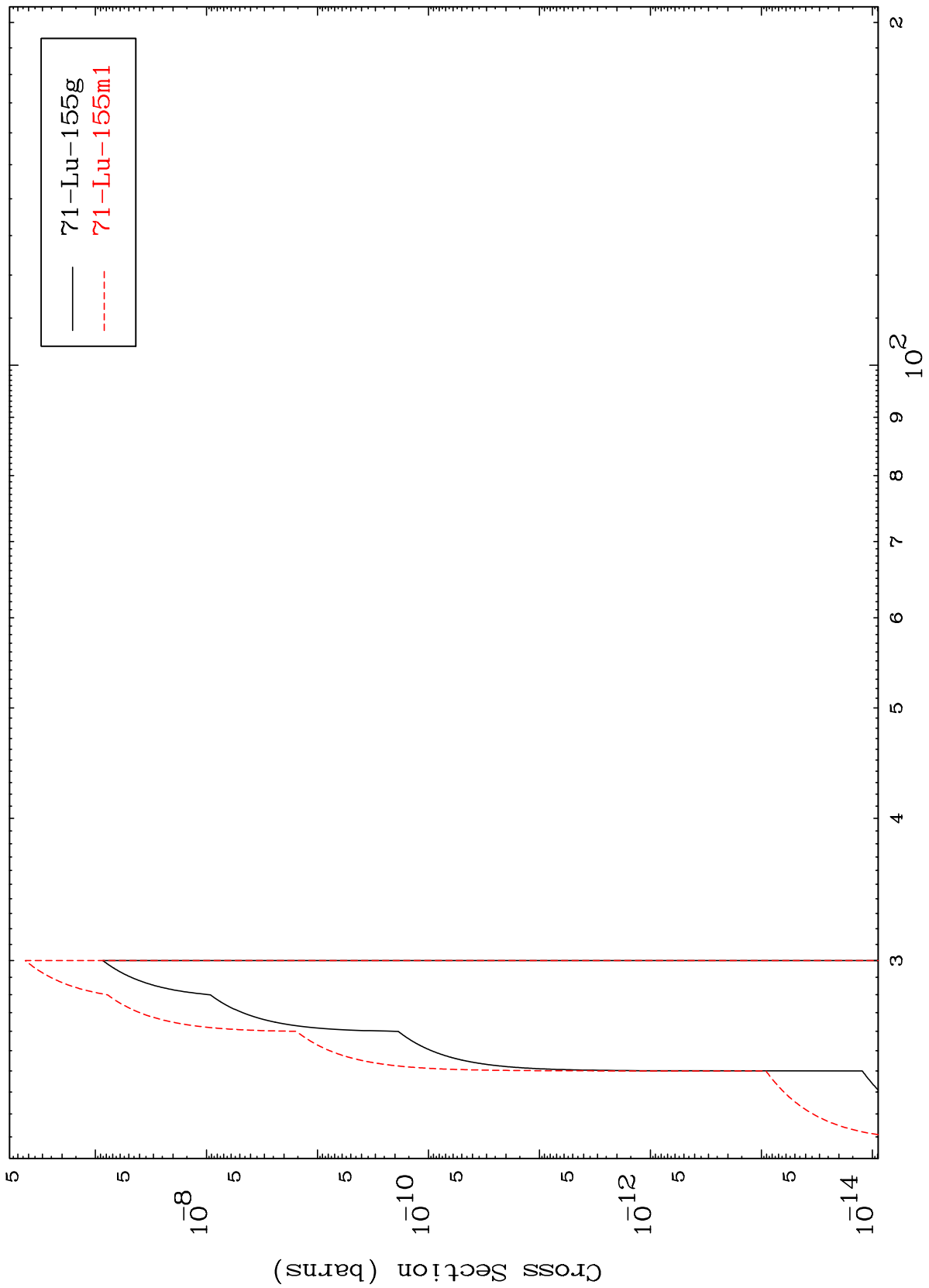
(n,n') 2α

72-Hf-158

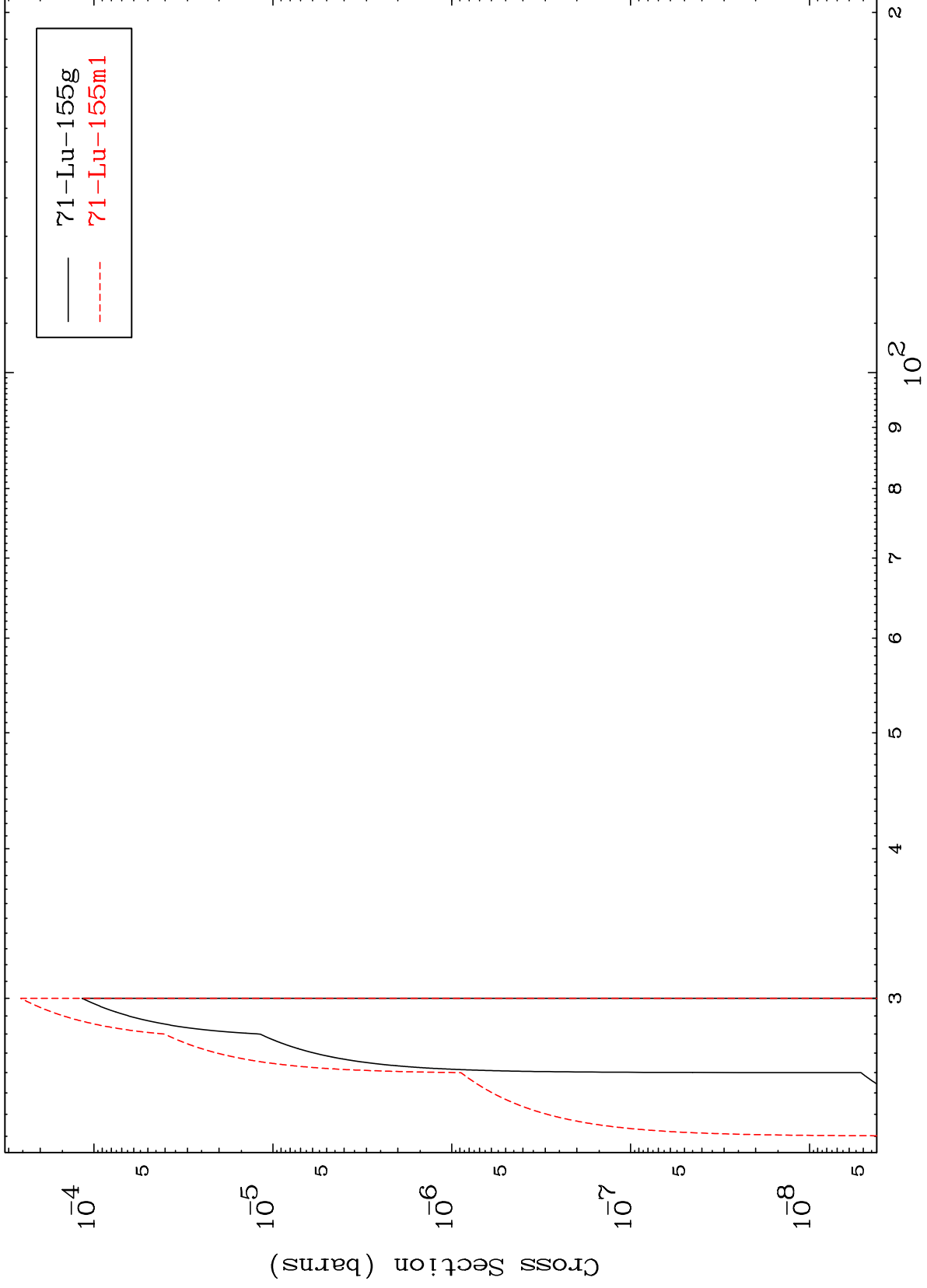
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

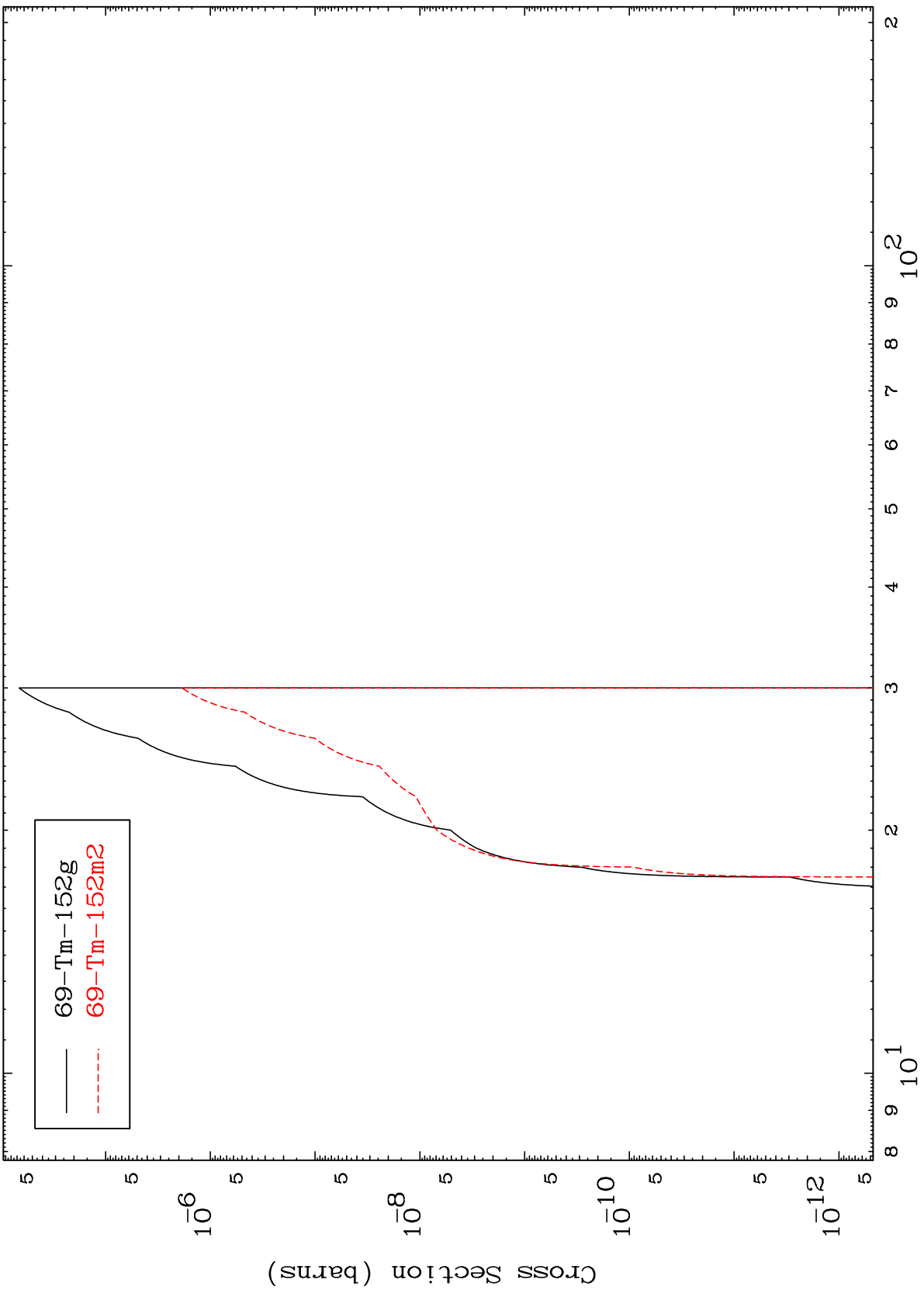


MAT 7177

(n,n') p  $\alpha$

72-Hf-158

Radionuclide Production Cross Section



14

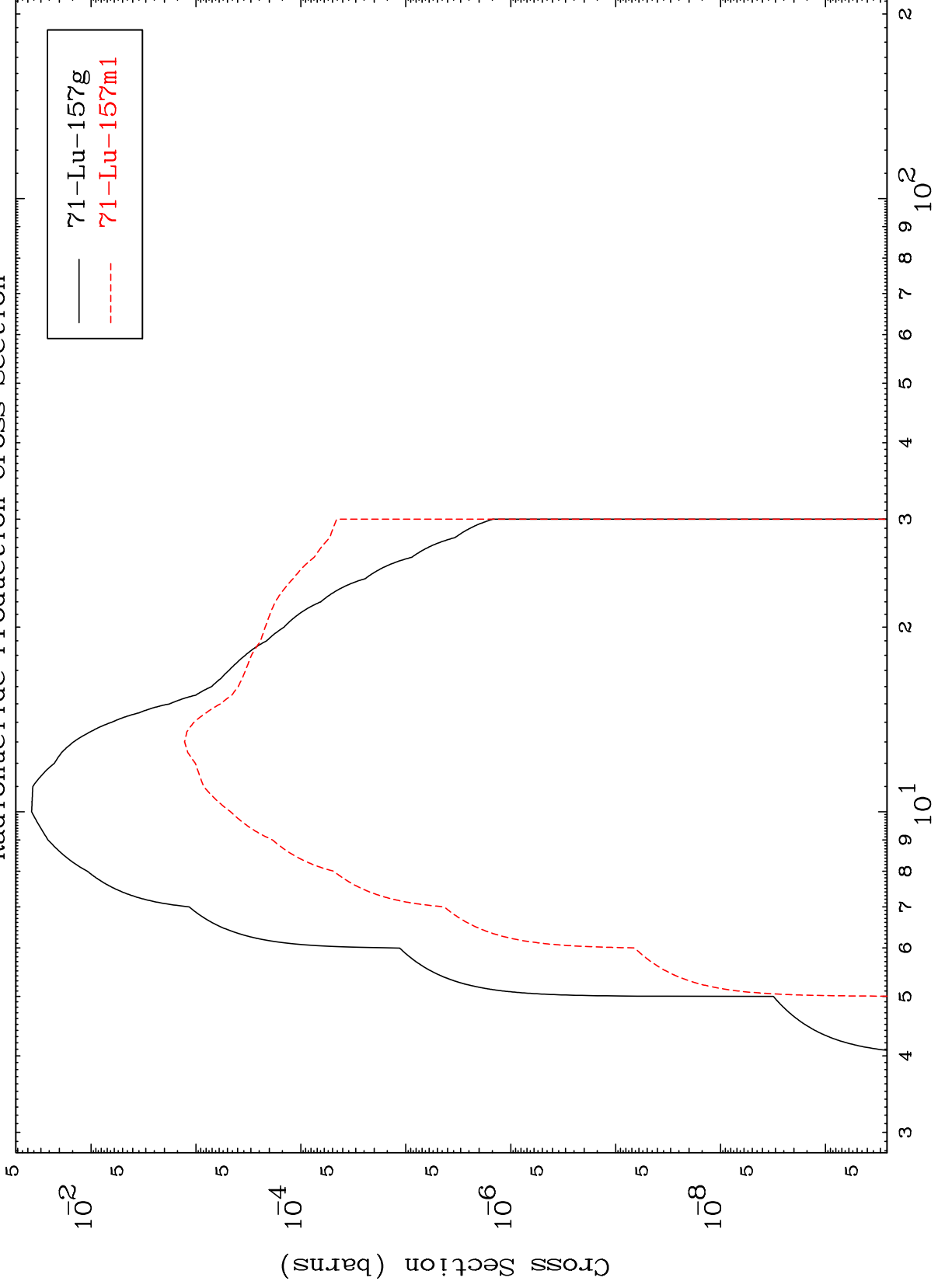
Incident Energy (MeV)

72-Hf-158

MAT 7177

72-Hf-158

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

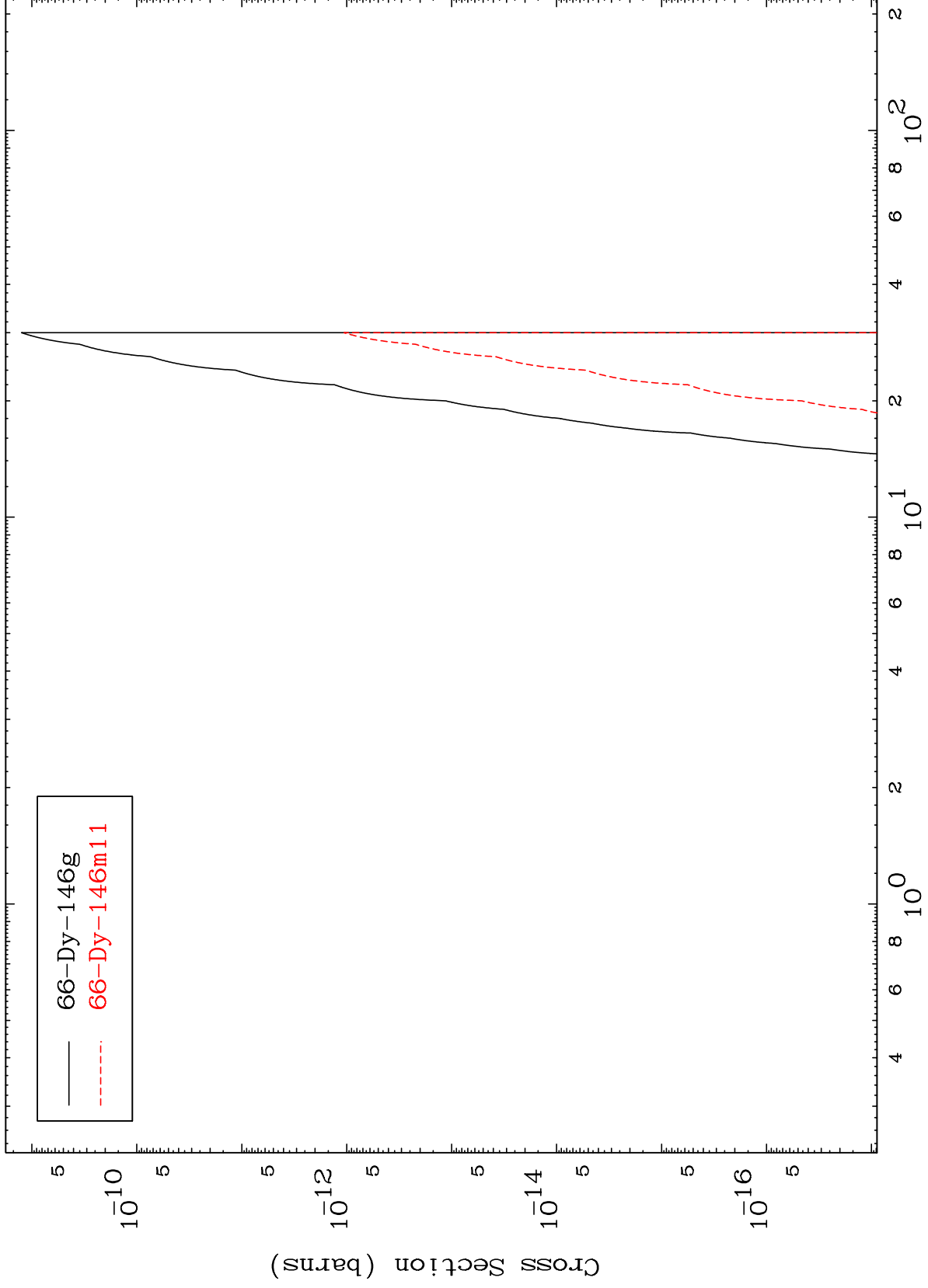
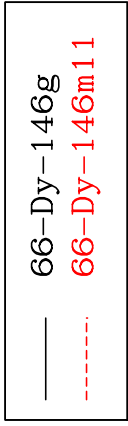
72-Hf-158

MAT 7177

(n, 3α)

72-Hf-158

Radionuclide Production Cross Section



16

Incident Energy (MeV)

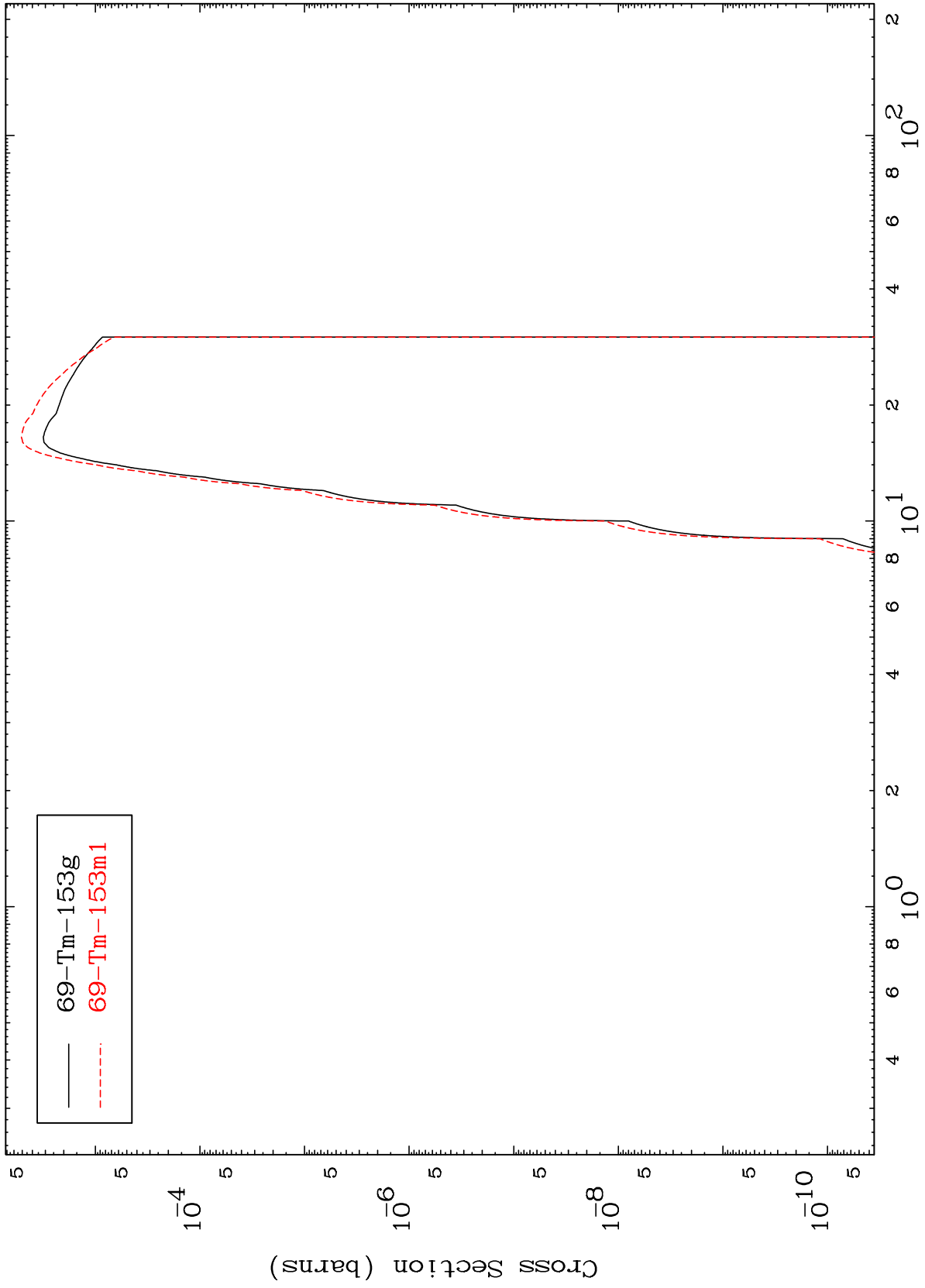
72-Hf-158

MAT 7177

(n,p)  $\alpha$

72-Hf-158

Radionuclide Production Cross Section

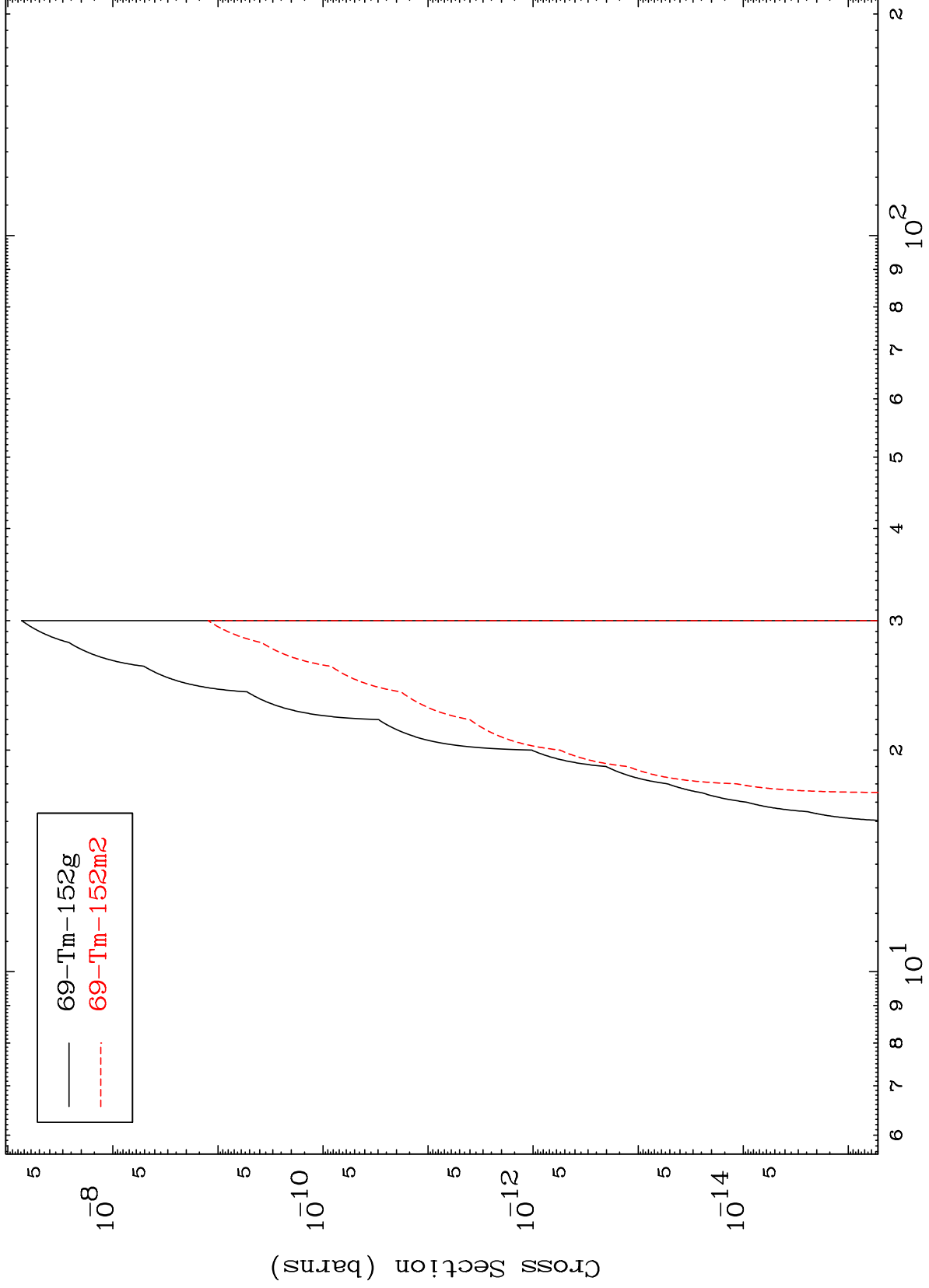


MAT 7177

(n,d)  $\alpha$

72-Hf-158

Radionuclide Production Cross Section



18

Incident Energy (MeV)

72-Hf-158