

Program EVALPLOT  
(Version 2017-1)

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

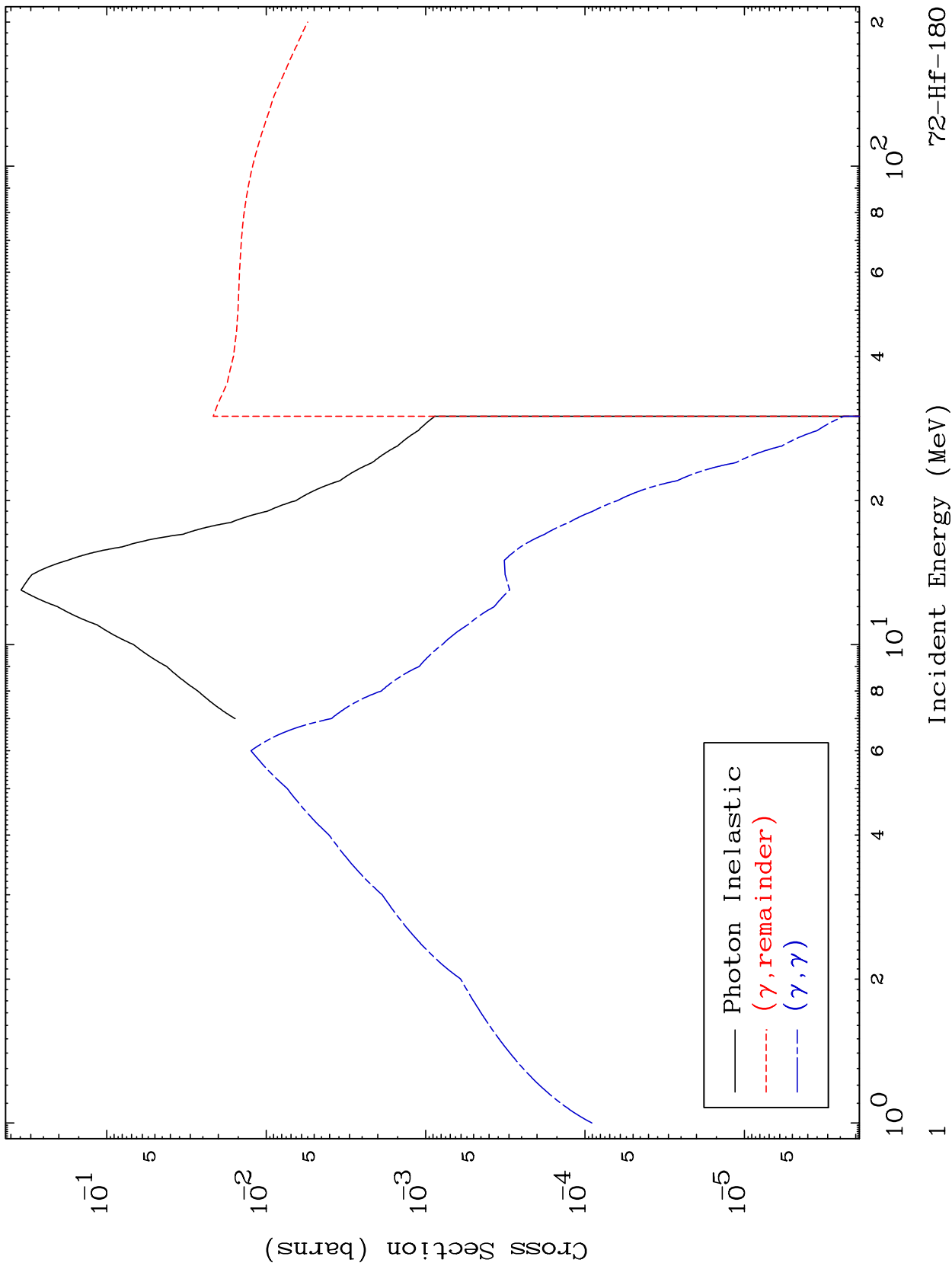
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7244

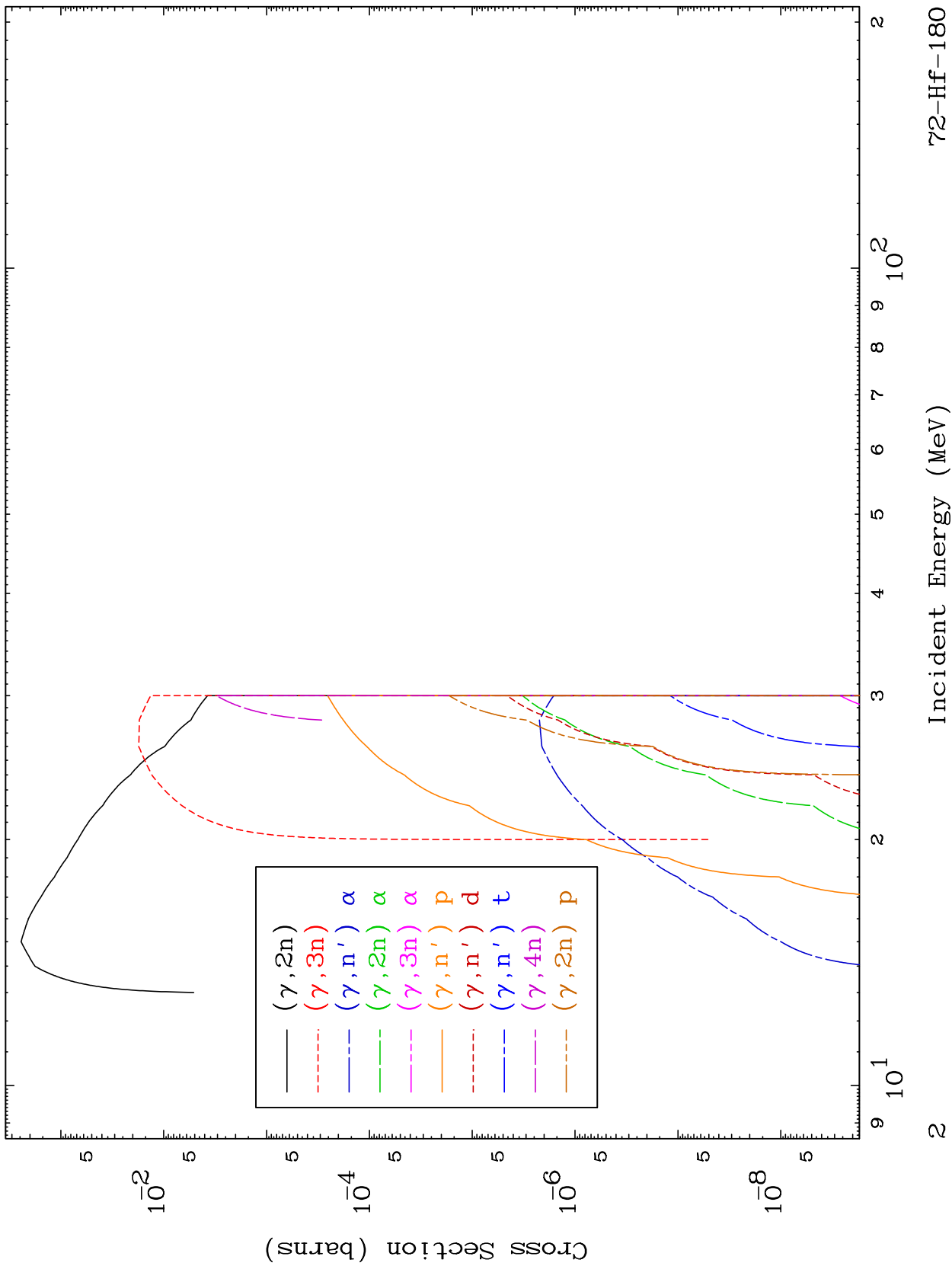
Photon Major  
0 Kelvin Cross Sections

72-Hf-180



72-Hf-180

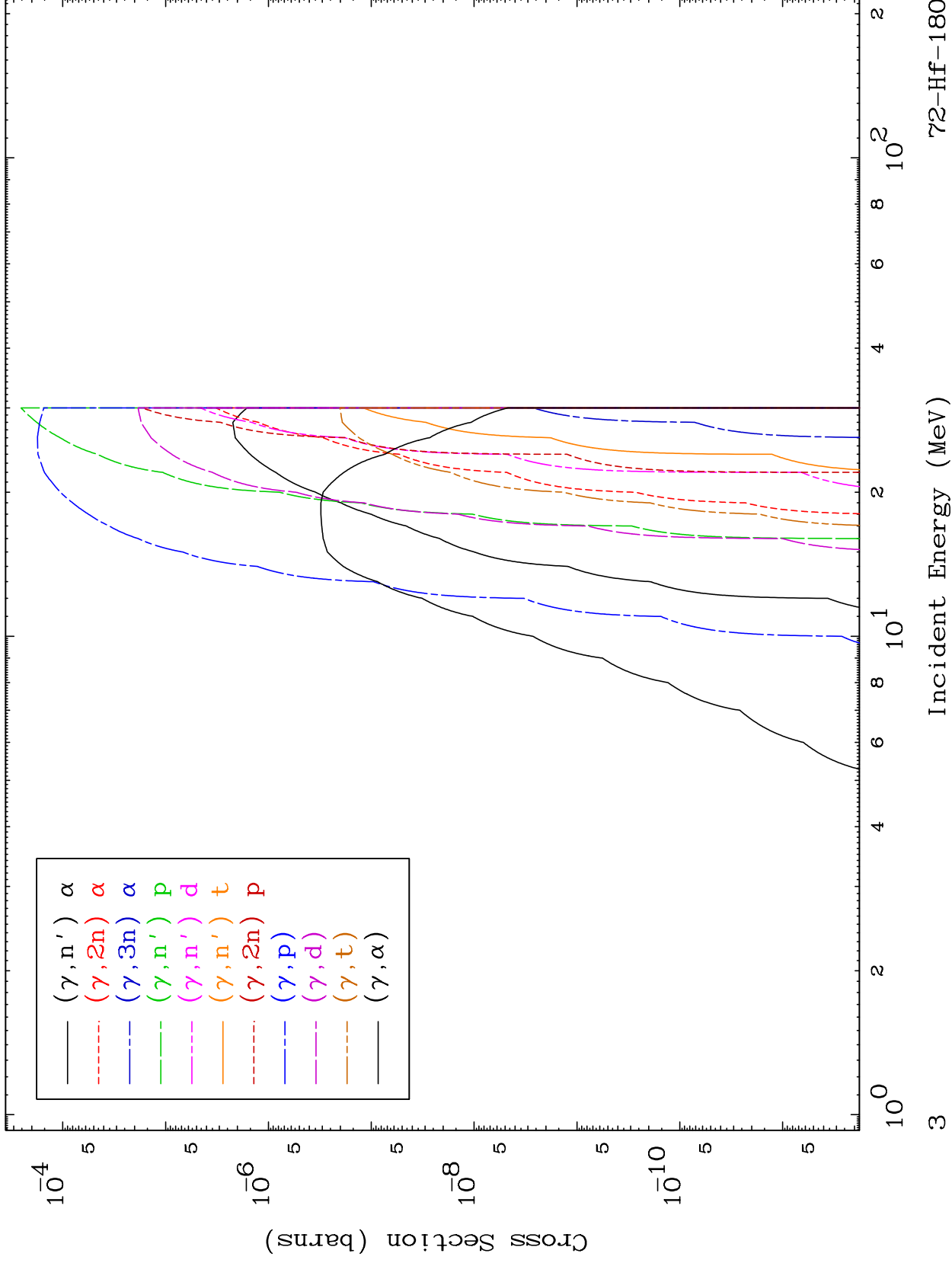
Incident Energy (MeV)



MAT 7244

Photon Charged Particle  
0 Kelvin Cross Sections

72-Hf-180



72-Hf-180

Incident Energy (MeV)

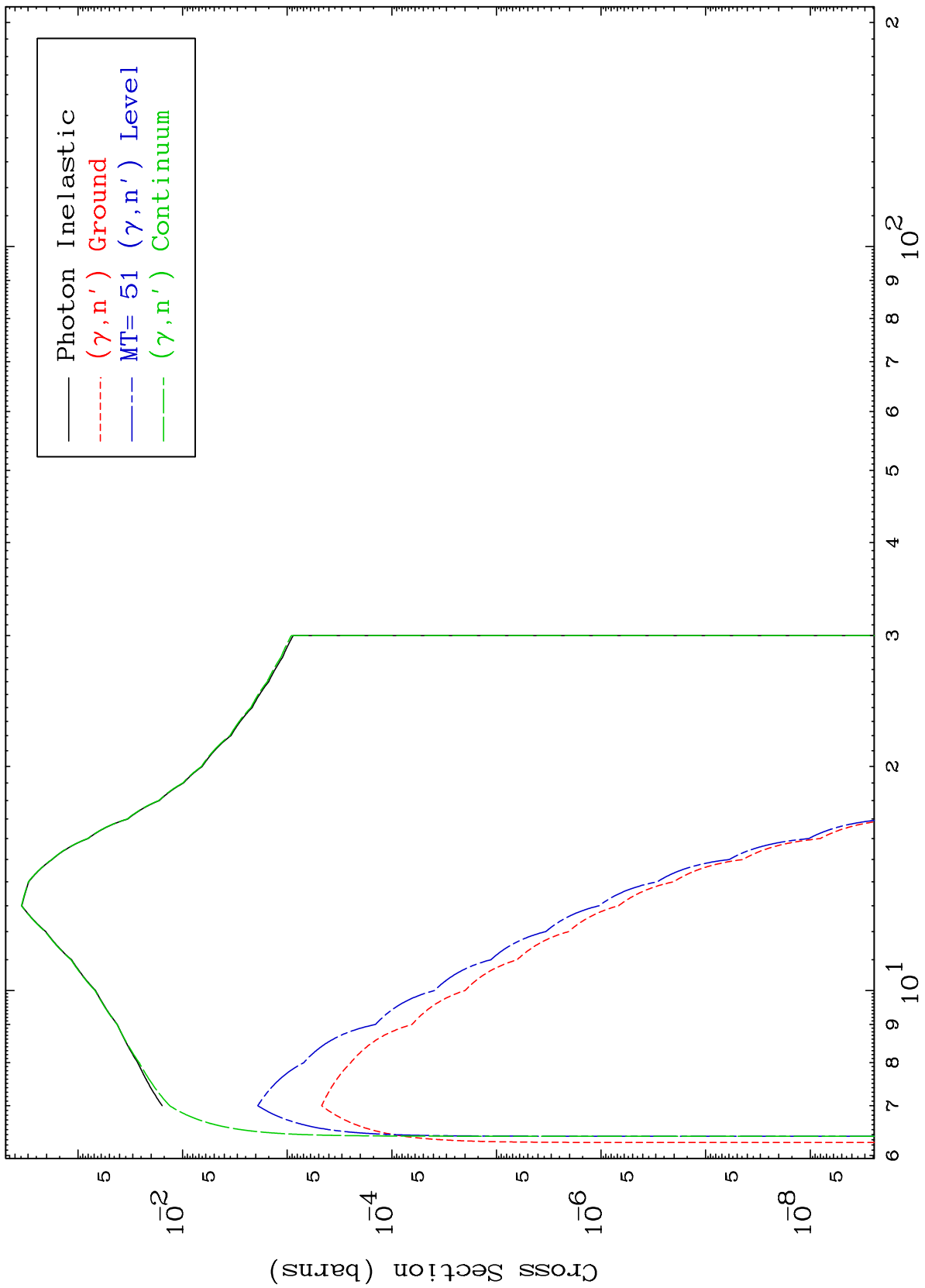
3

MAT 7244

( $\gamma, n'$ ) Level

72-Hf-180

0 Kelvin Cross Sections



4

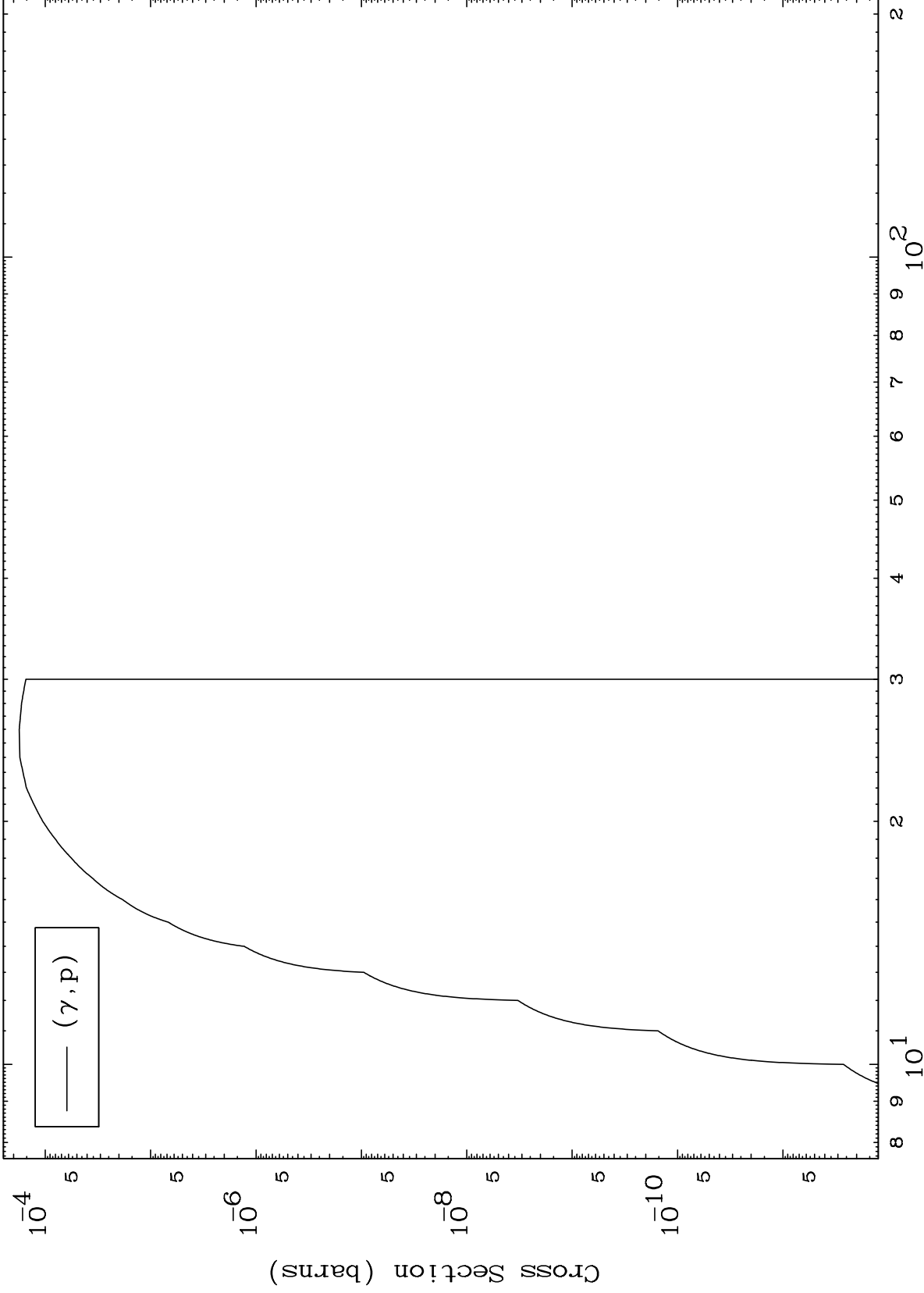
Incident Energy (MeV)

72-Hf-180

MAT 7244

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

72-Hf-180



Incident Energy (MeV)

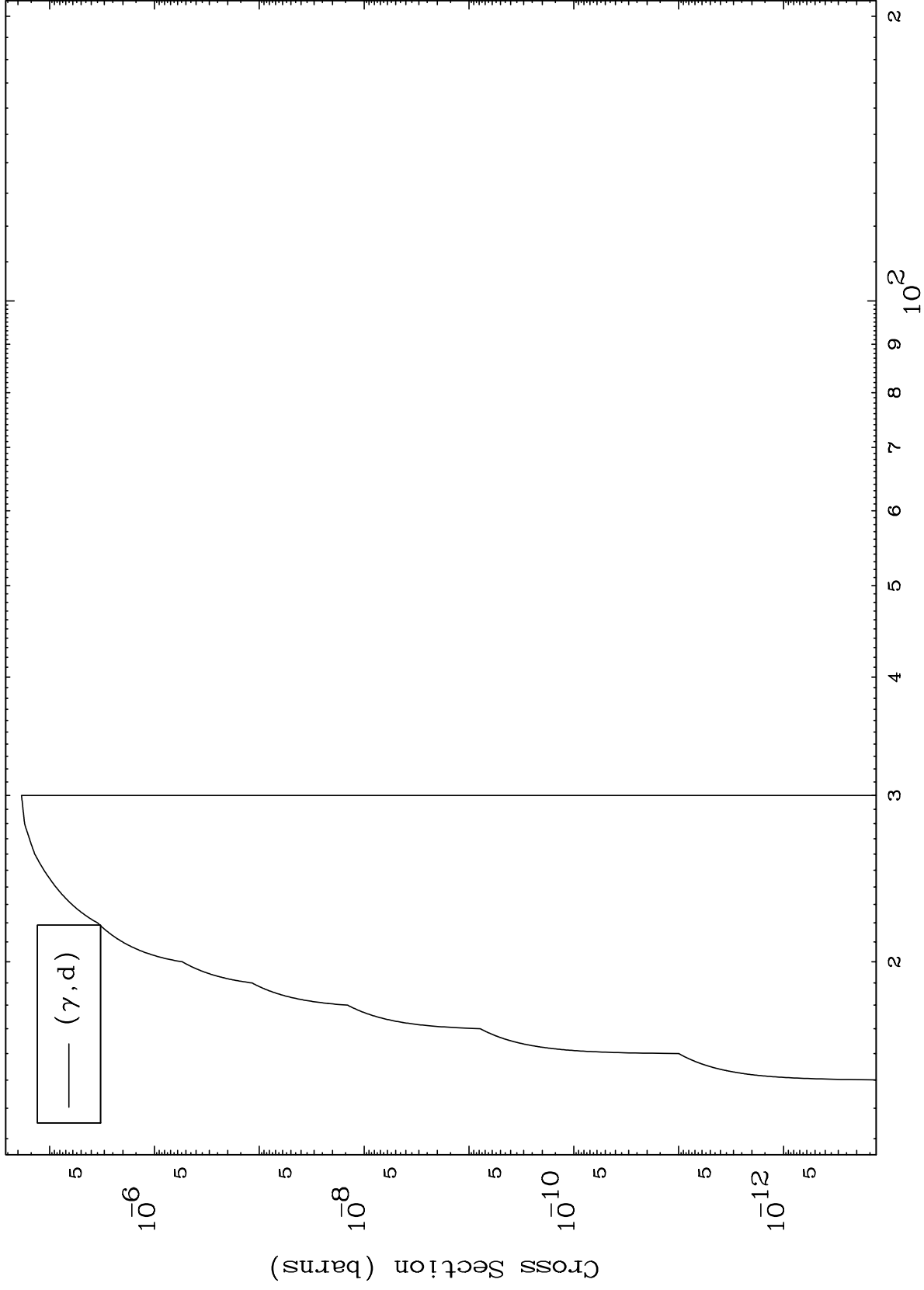
72-Hf-180

5

MAT 7244

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

72-Hf-180



6

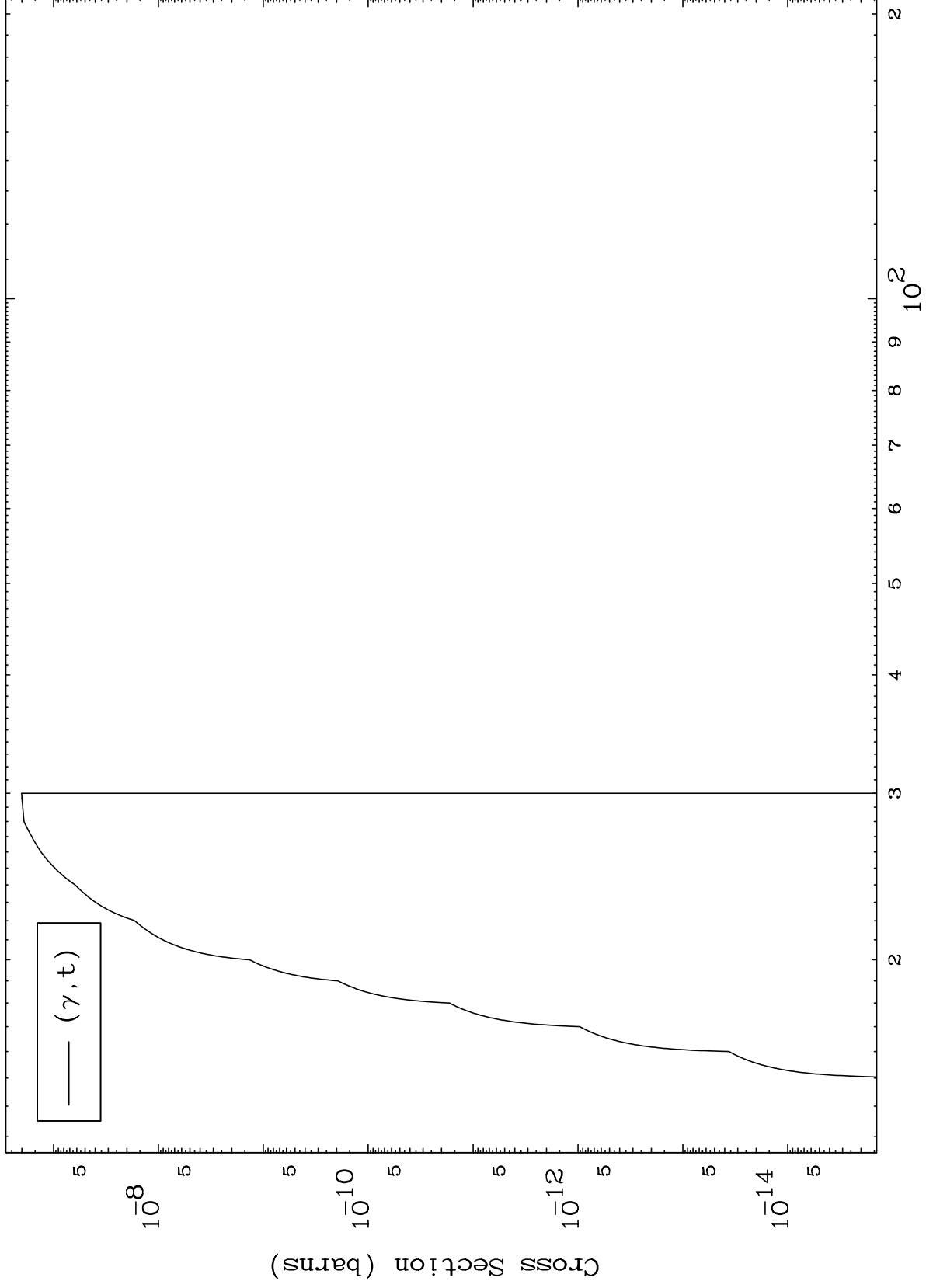
Incident Energy (MeV)

72-Hf-180

MAT 7244

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

72-Hf-180



7

Incident Energy (MeV)

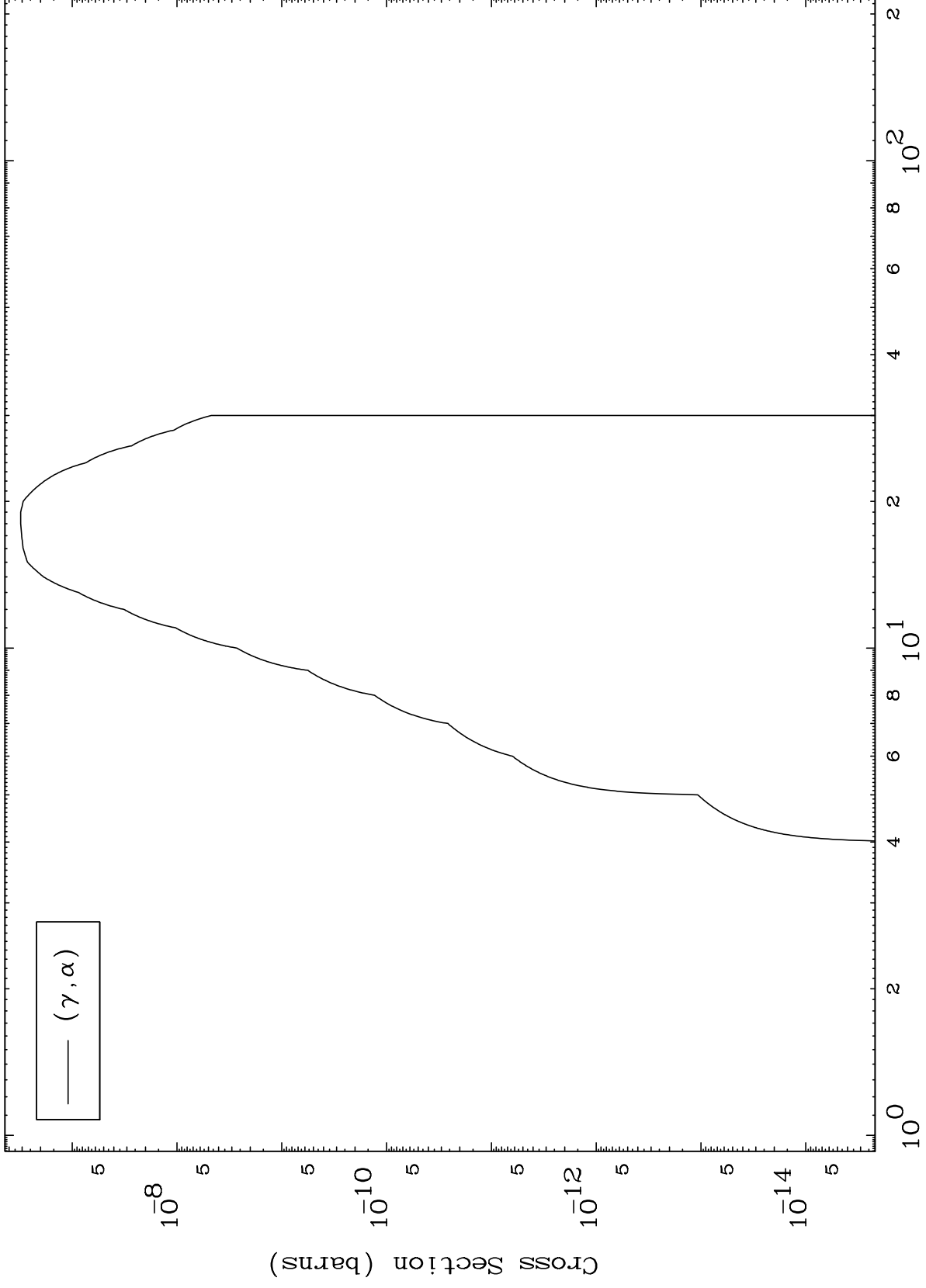
72-Hf-180



MAT 7244

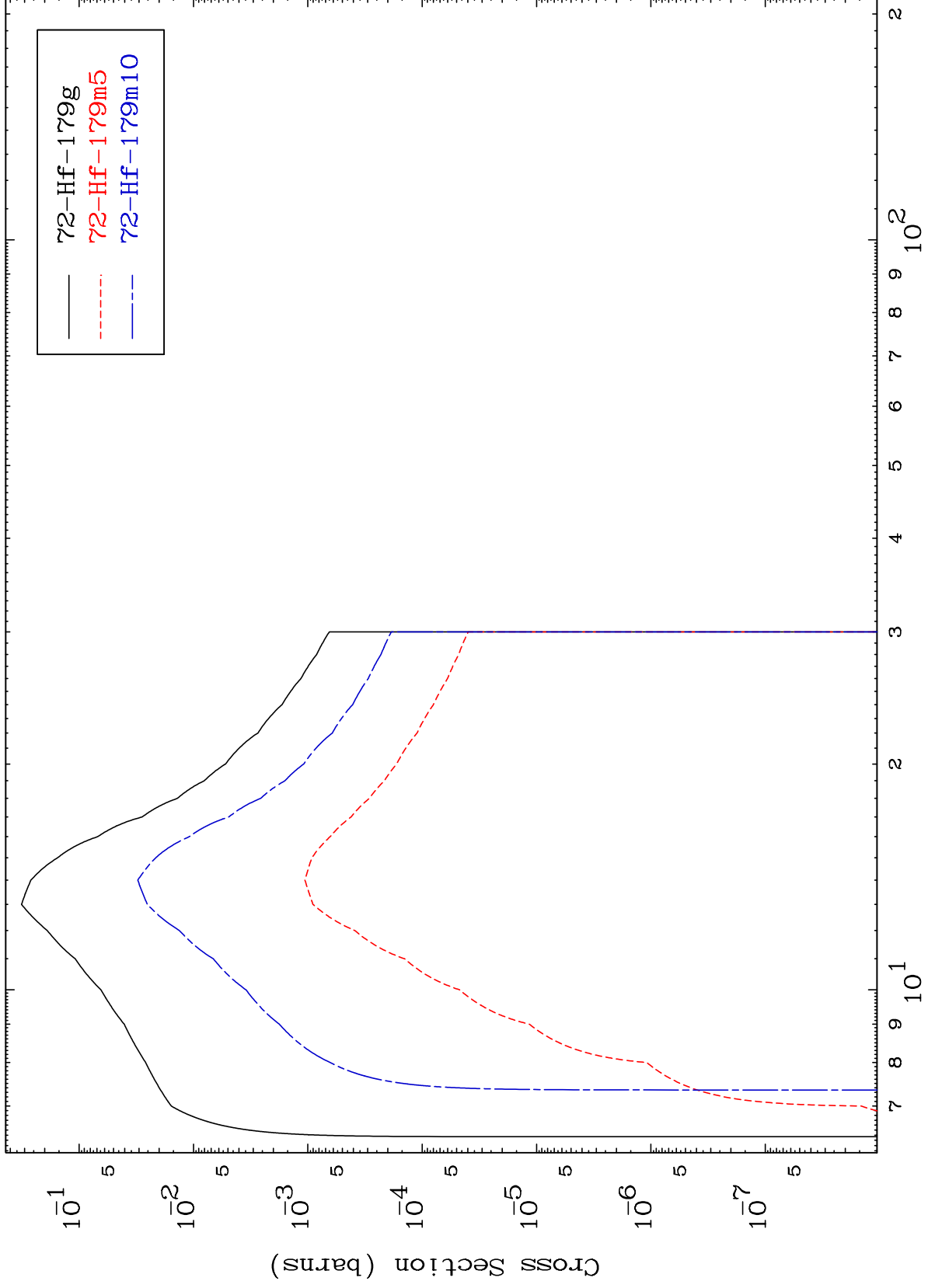
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

72-Hf-180



Incident Energy (MeV)

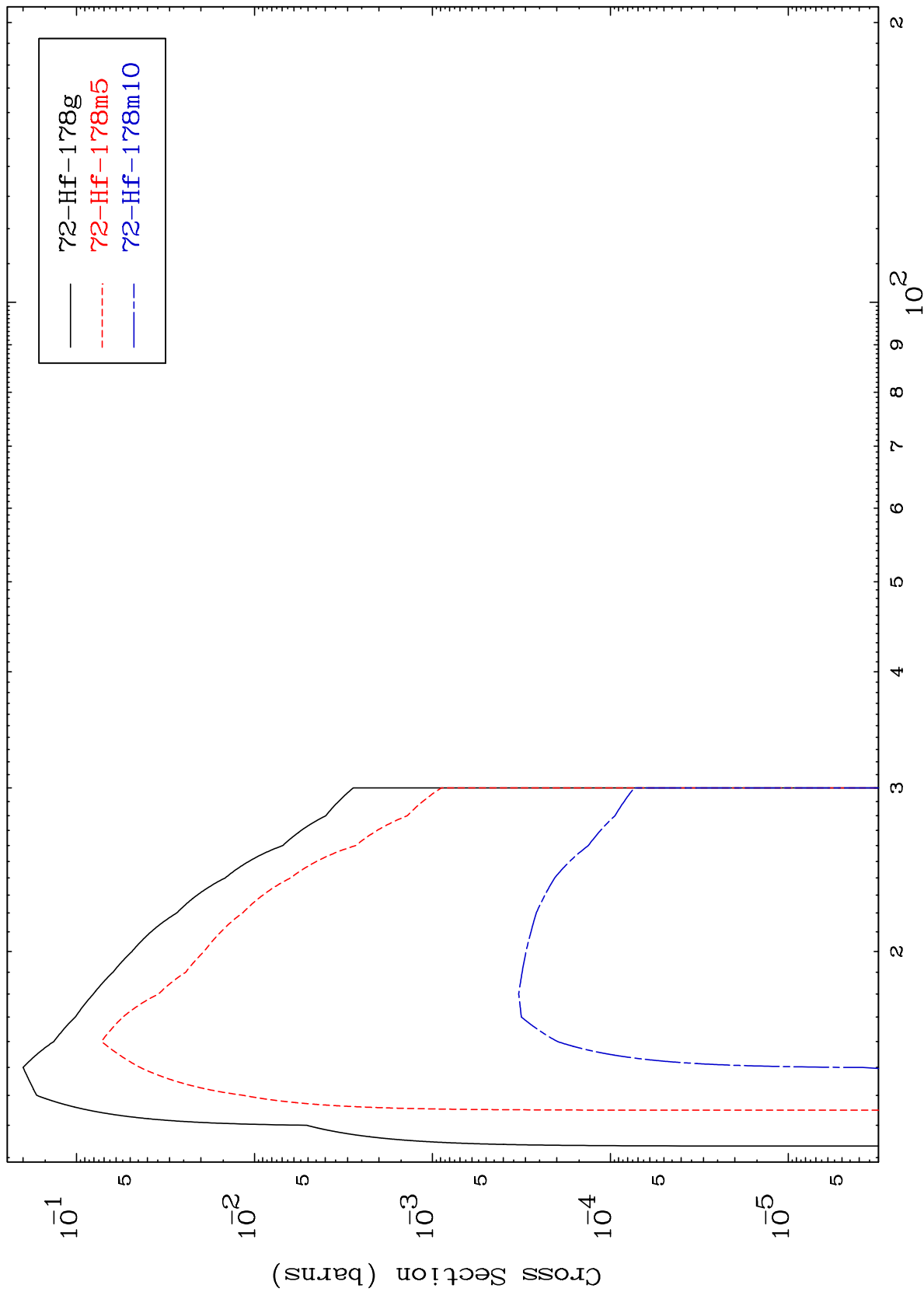
72-Hf-180



MAT 7244

72-Hf-180

Radionuclide Production Cross Section  
( $\gamma, 2n$ )



10

Incident Energy (MeV)

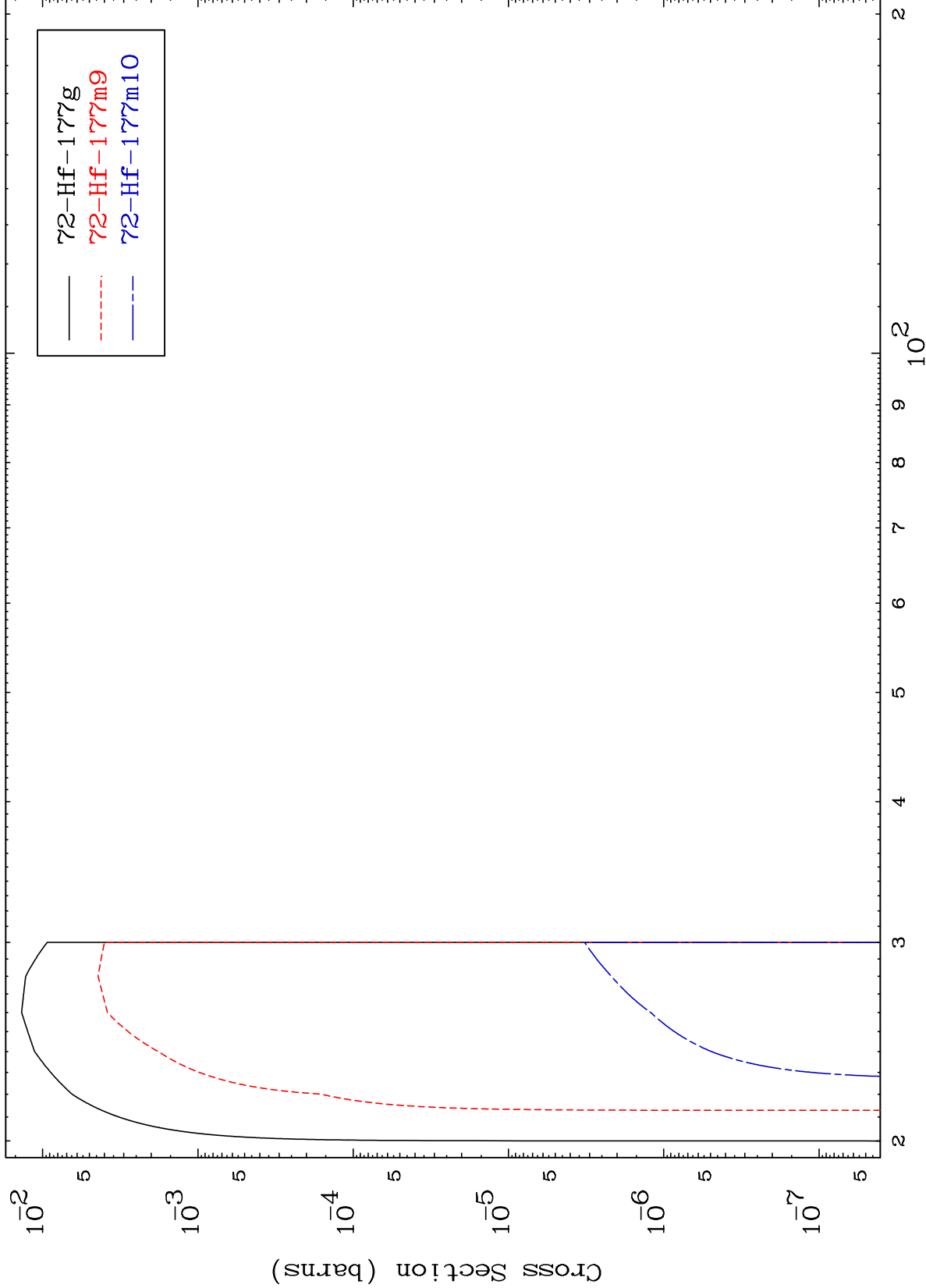
72-Hf-180

MAT 7244

( $\gamma, 3n$ )

72-Hf-180

Radionuclide Production Cross Section



11

Incident Energy (MeV)

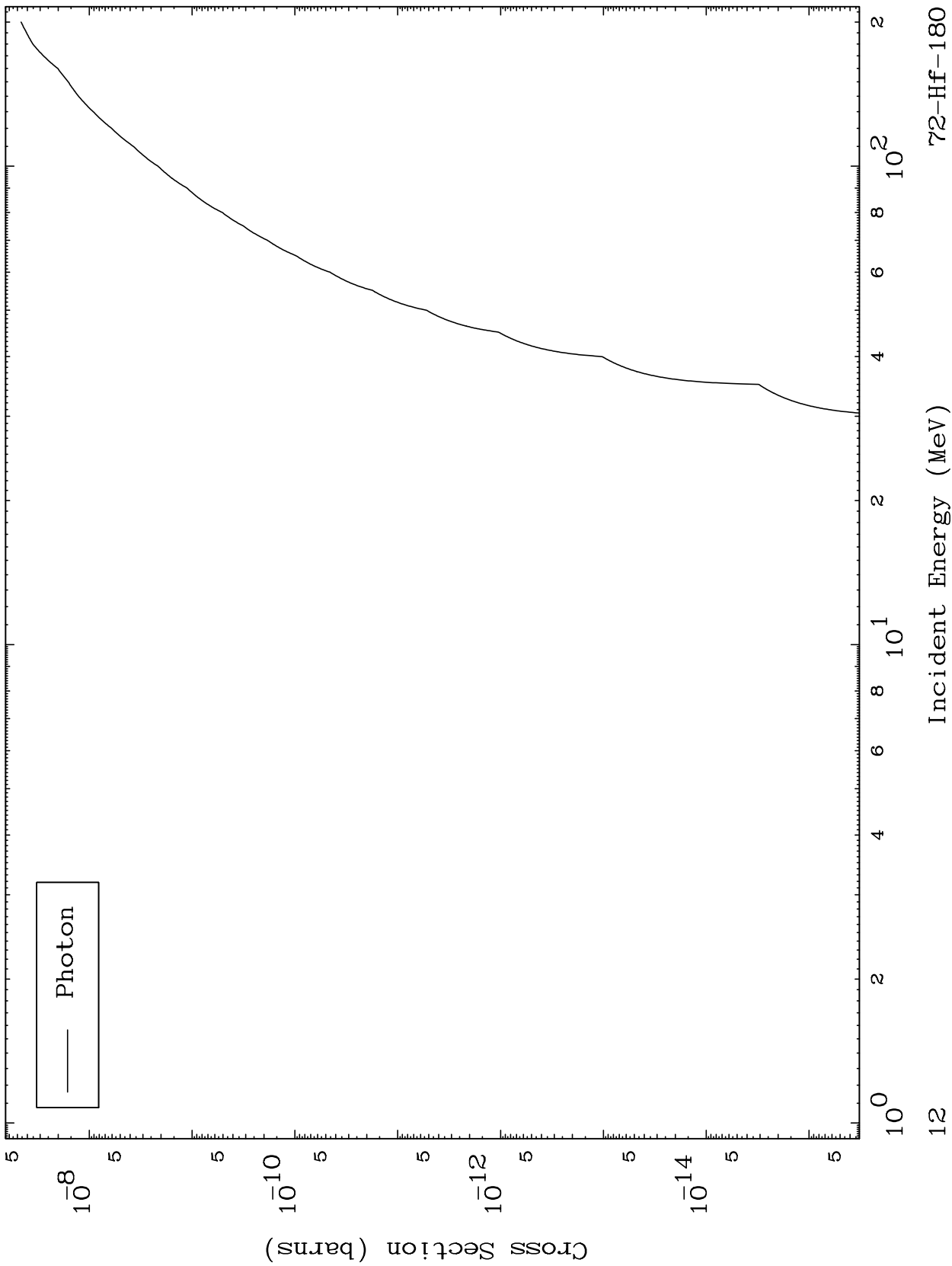
72-Hf-180

MAT 7244

Photon Fission

72-Hf-180

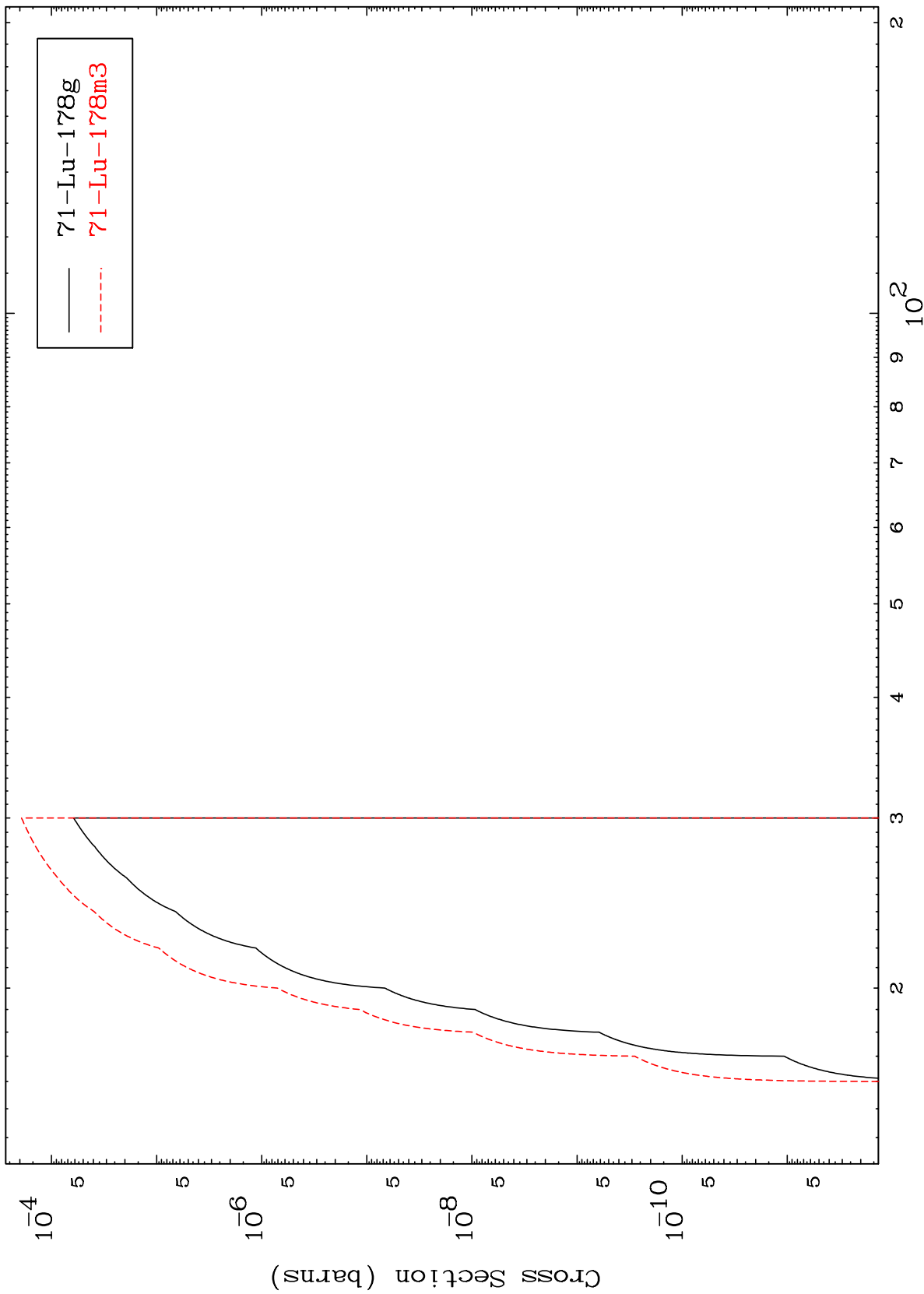
Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

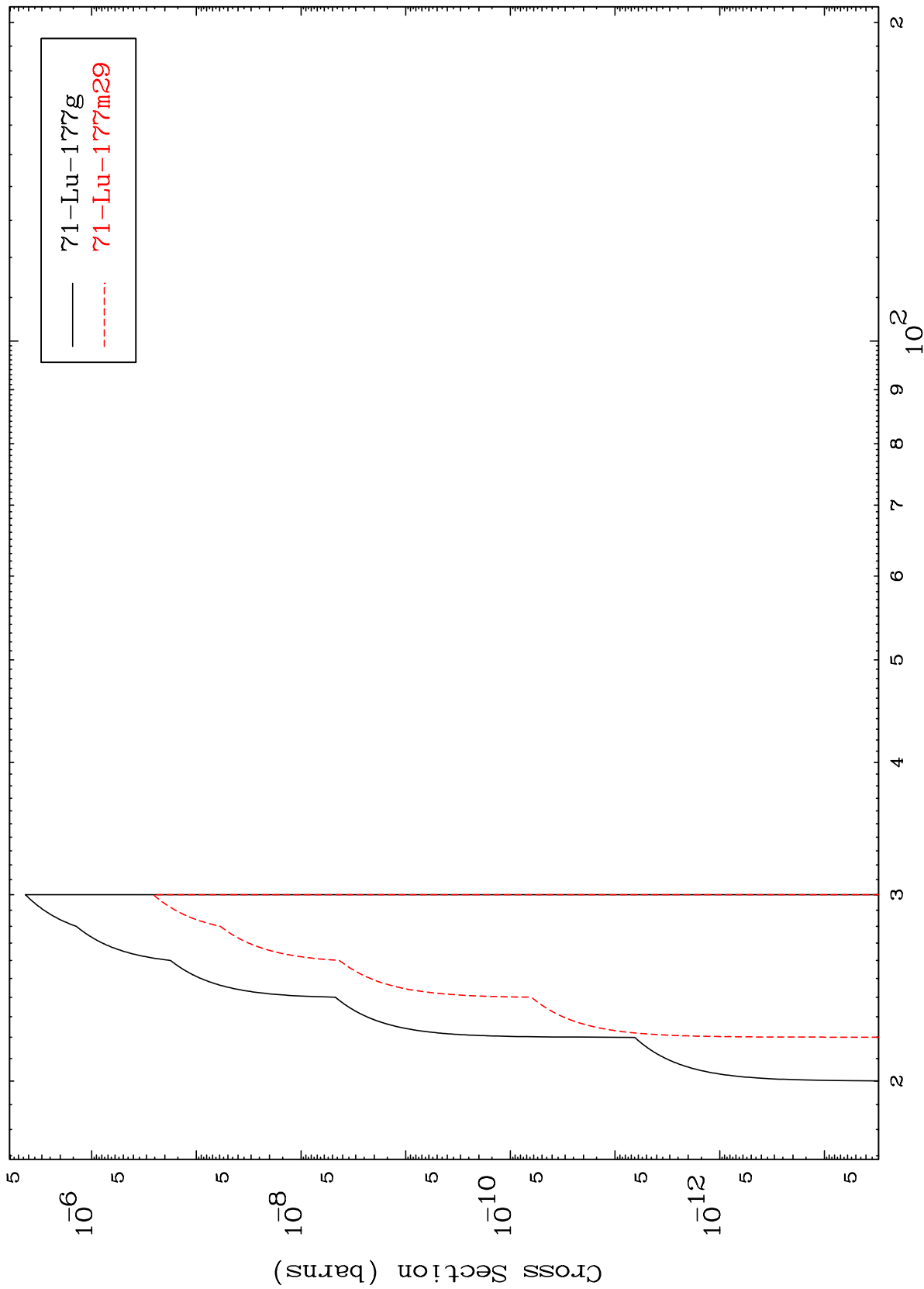


MAT 7244

( $\gamma, n'$ ) d

72-Hf-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

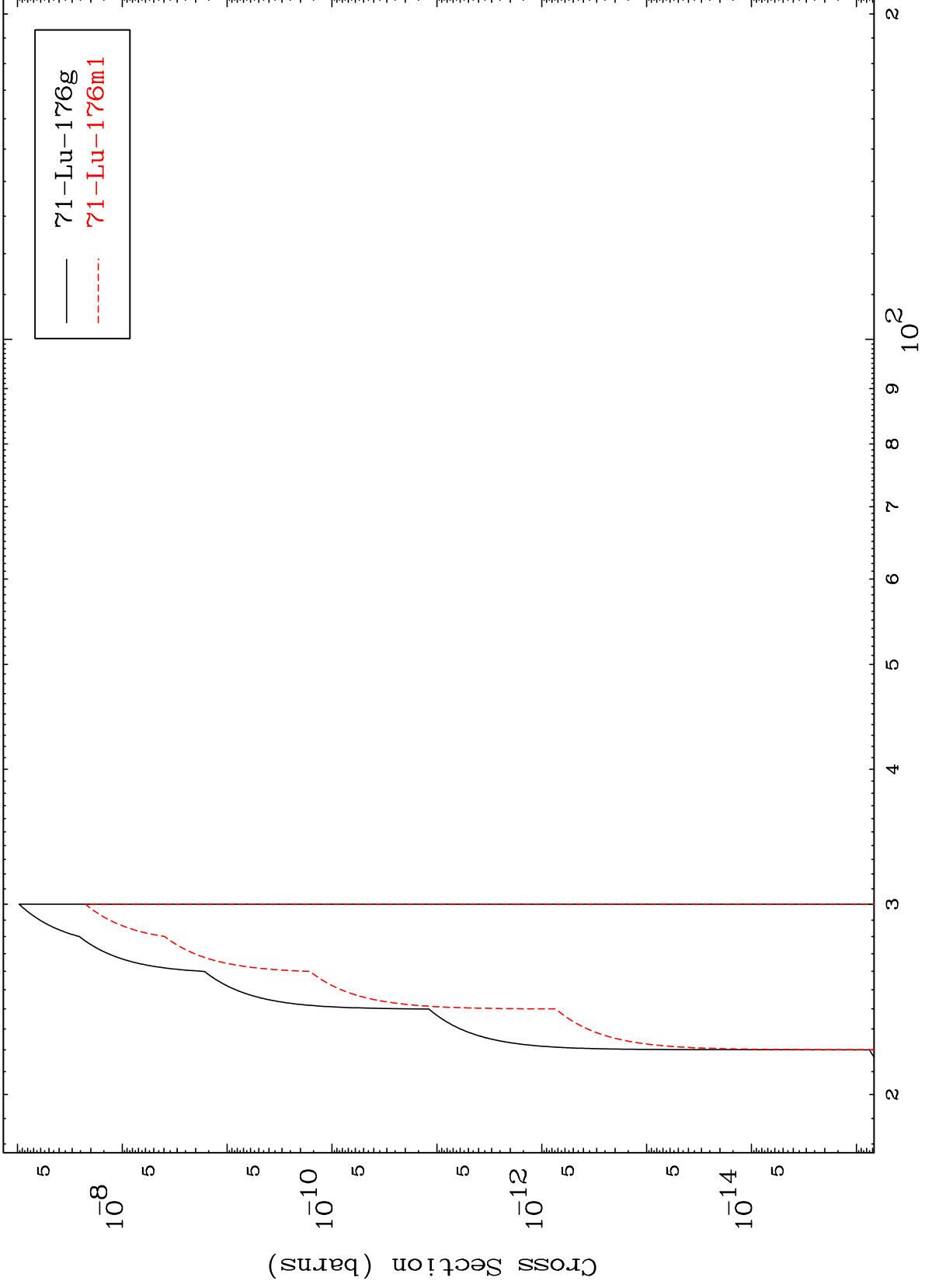
72-Hf-180

MAT 7244

( $\gamma, n'$ ) t

72-Hf-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

72-Hf-180

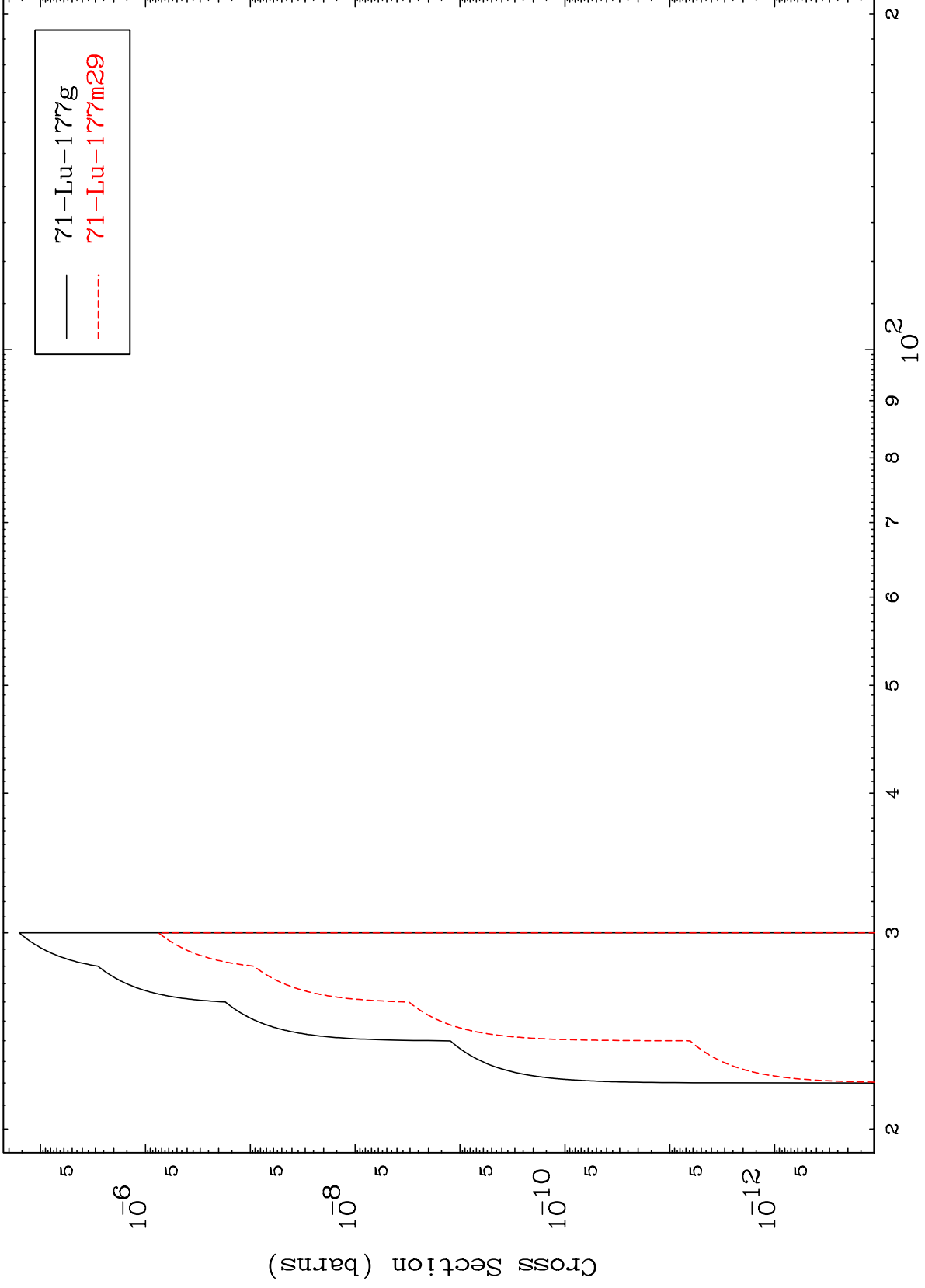


MAT 7244

( $\gamma, 2n$ ) p

72-Hf-180

Radionuclide Production Cross Section



16

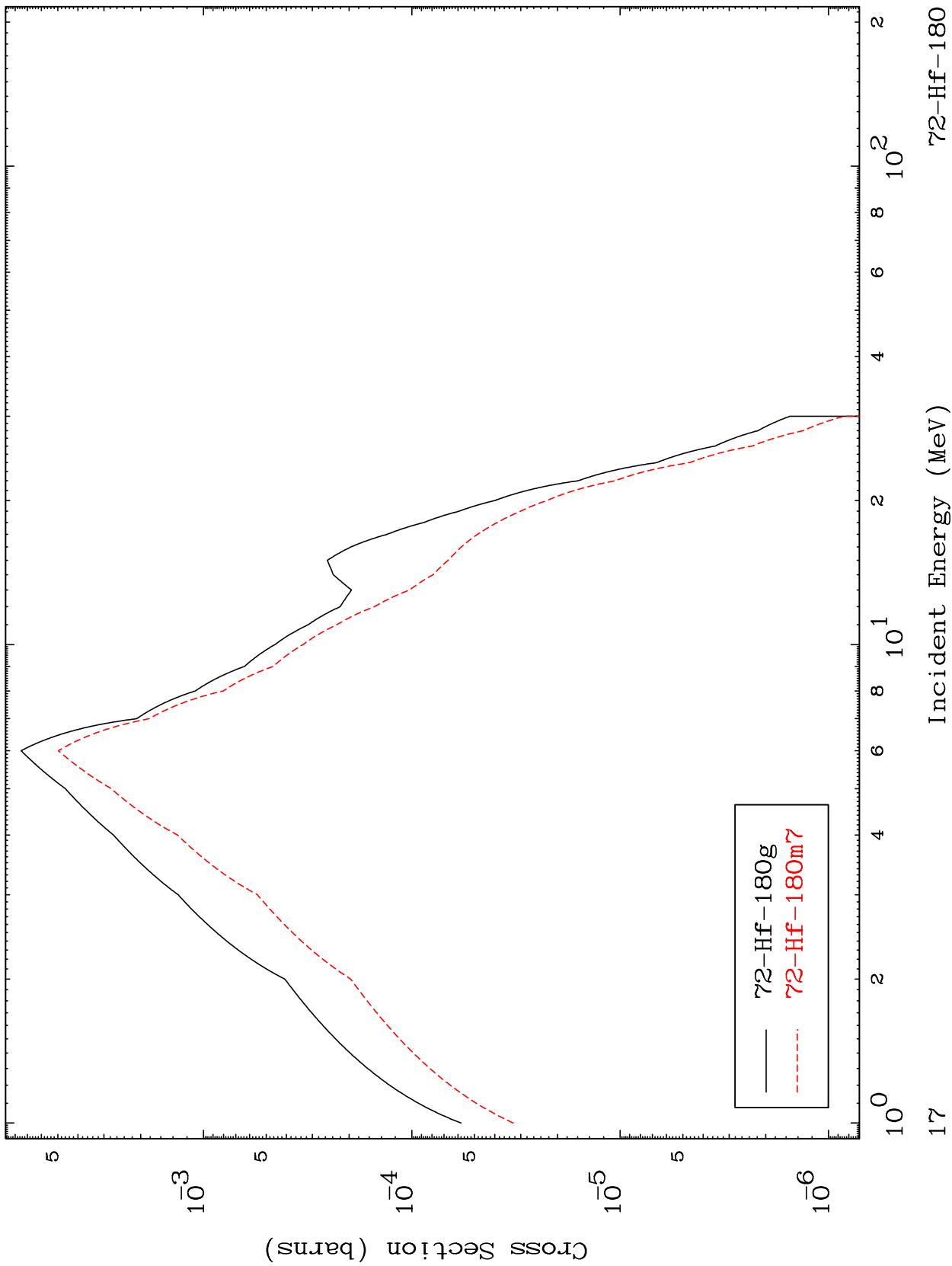
Incident Energy (MeV)

72-Hf-180

MAT 7244

72-Hf-180

( $\gamma, \gamma$ )  
Radionuclide Production Cross Section



72-Hf-180

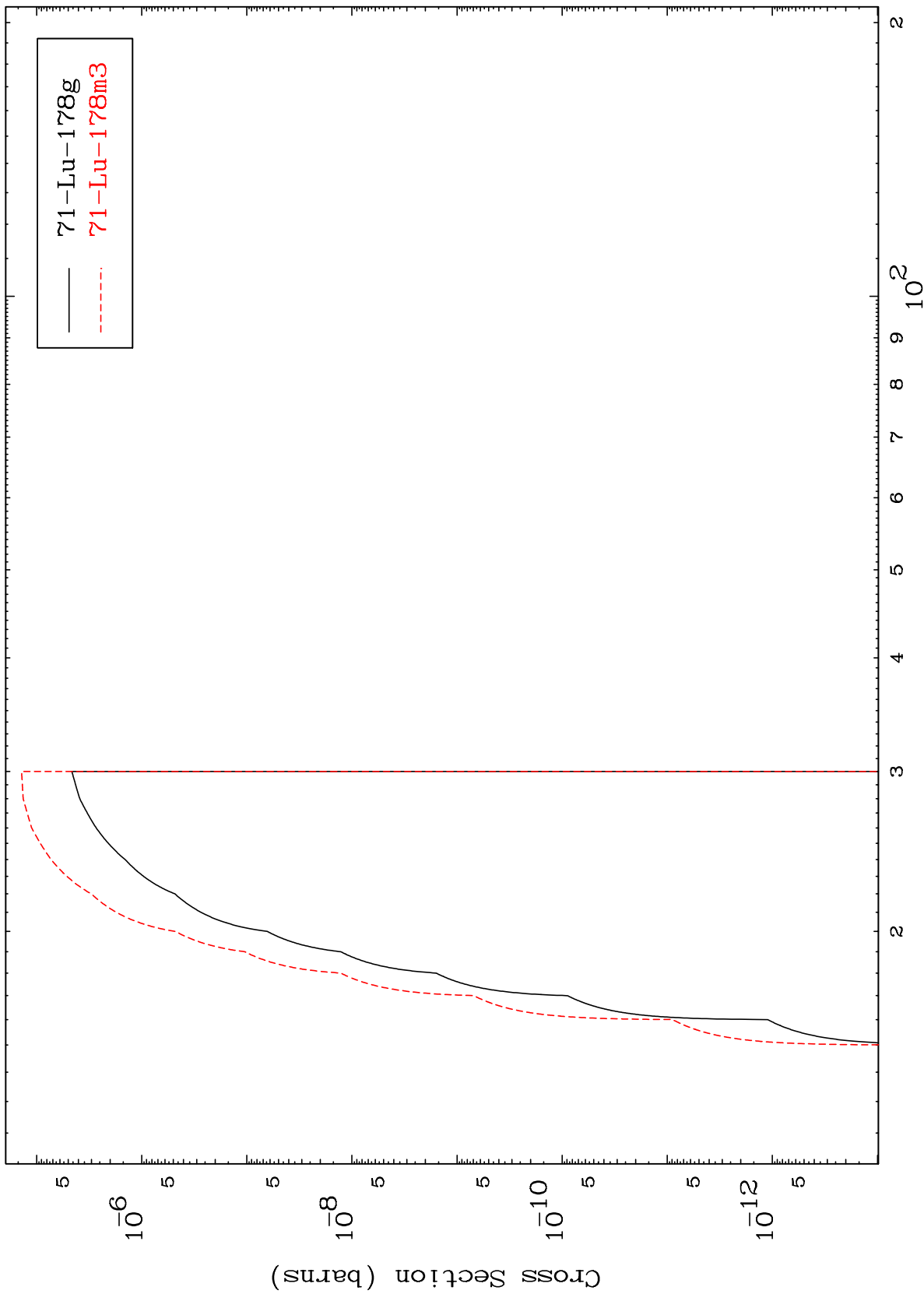
Incident Energy (MeV)

17

MAT 7244

72-Hf-180

( $\gamma, d$ )  
Radionuclide Production Cross Section

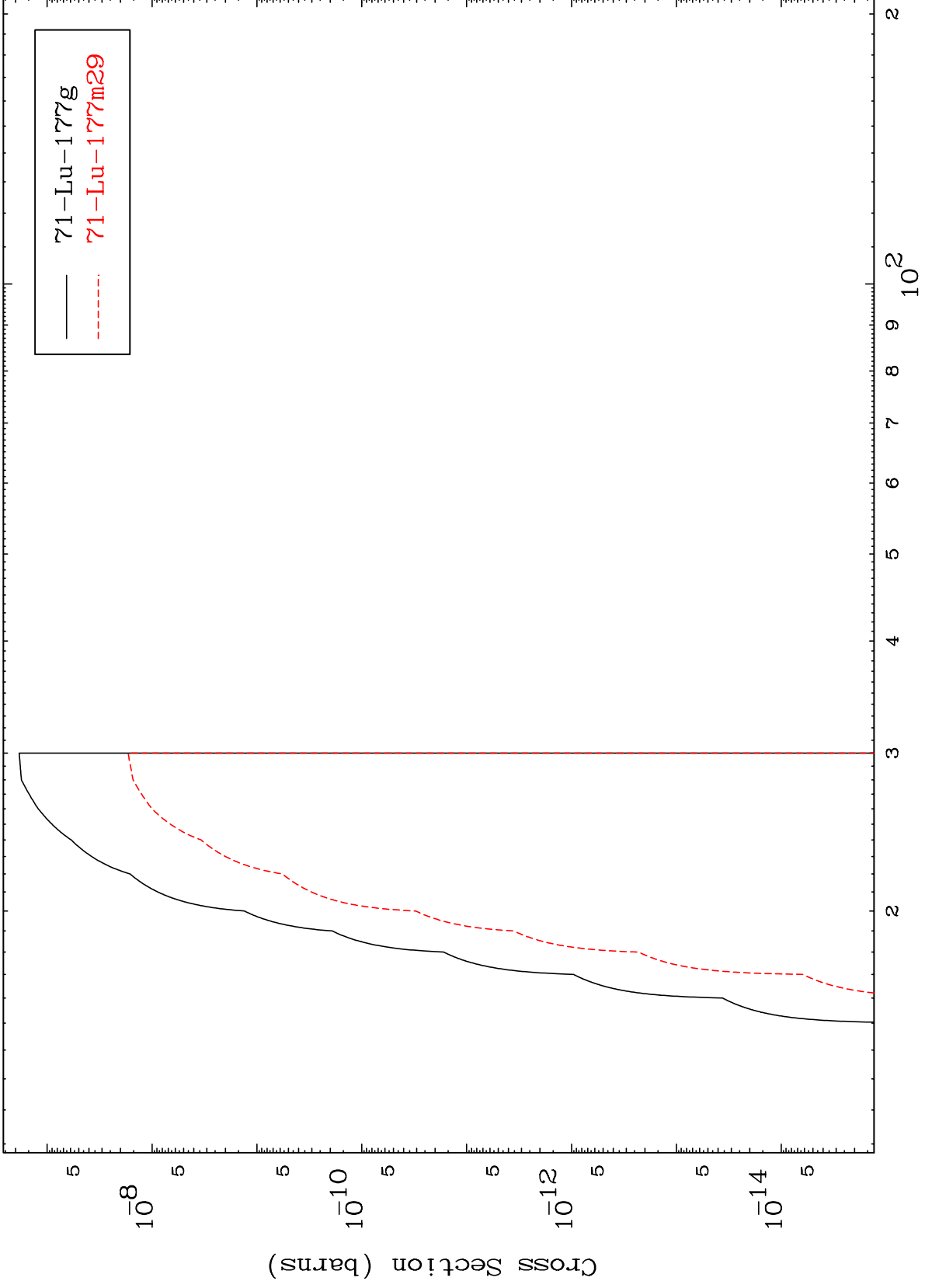


18

Incident Energy (MeV)

72-Hf-180

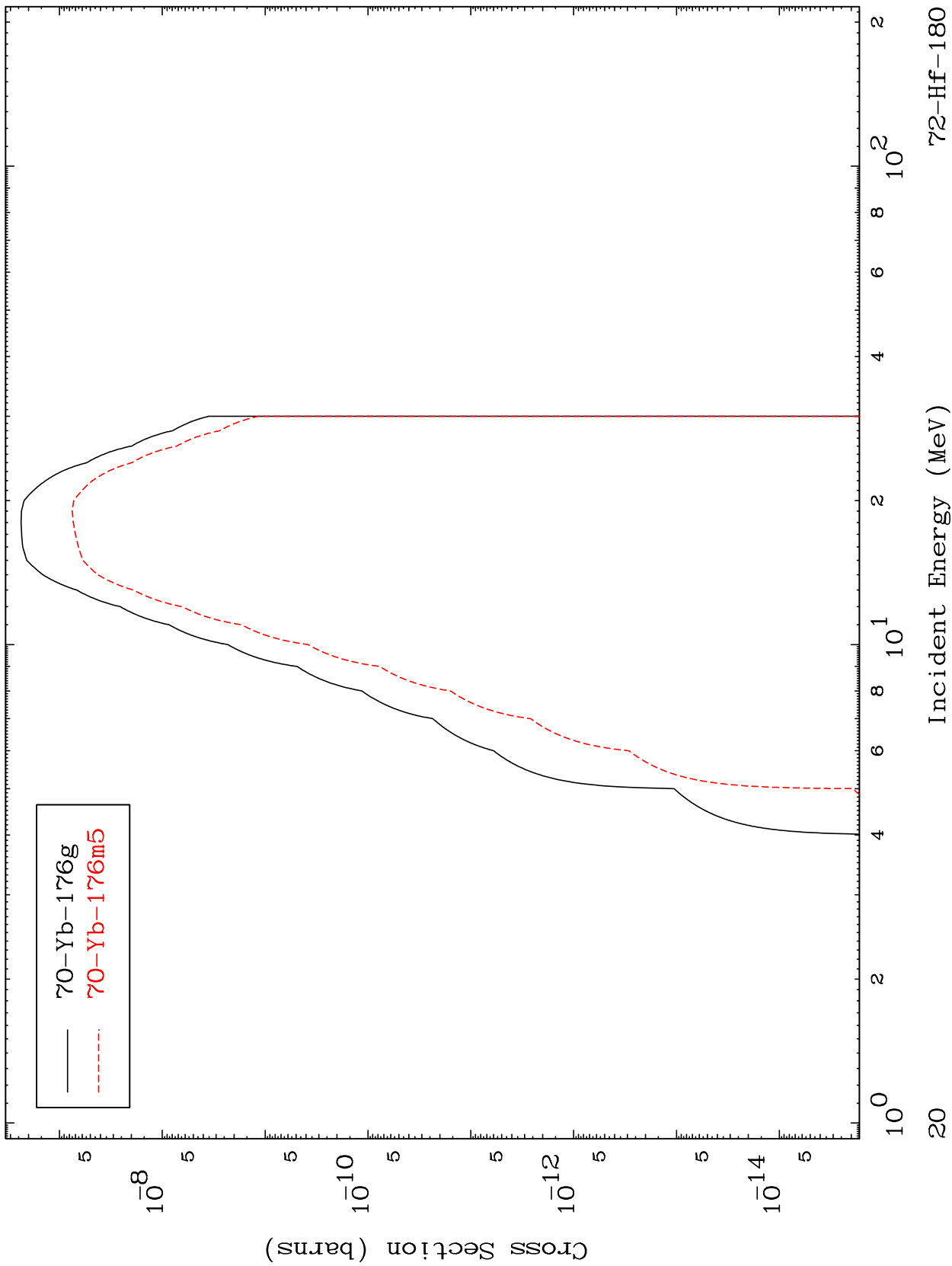
Radionuclide Production Cross Section



MAT 7244

72-Hf-180

Radionuclide Production Cross Section  
( $\gamma, \alpha$ )



72-Hf-180

Incident Energy (MeV)

20