

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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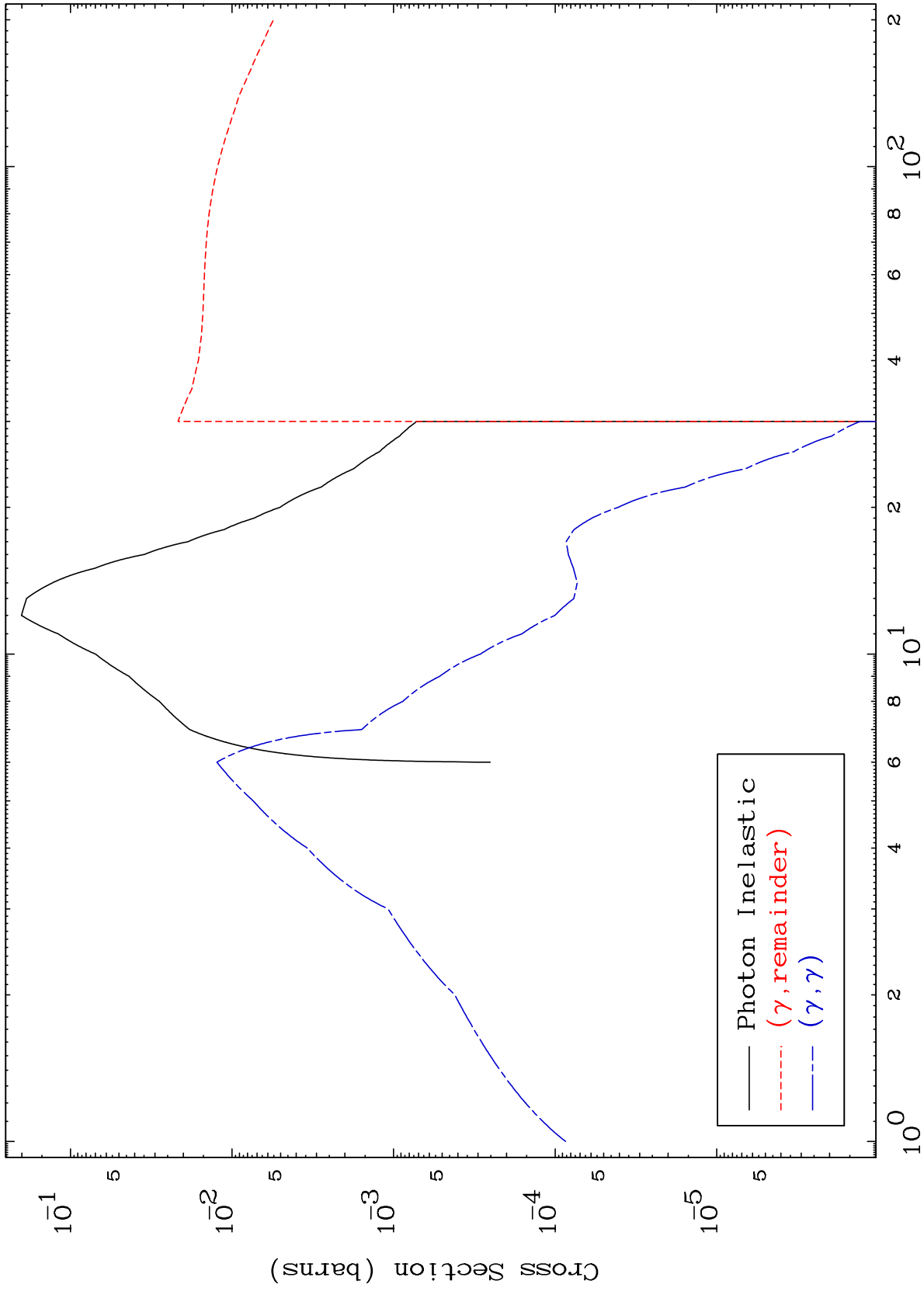
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7250

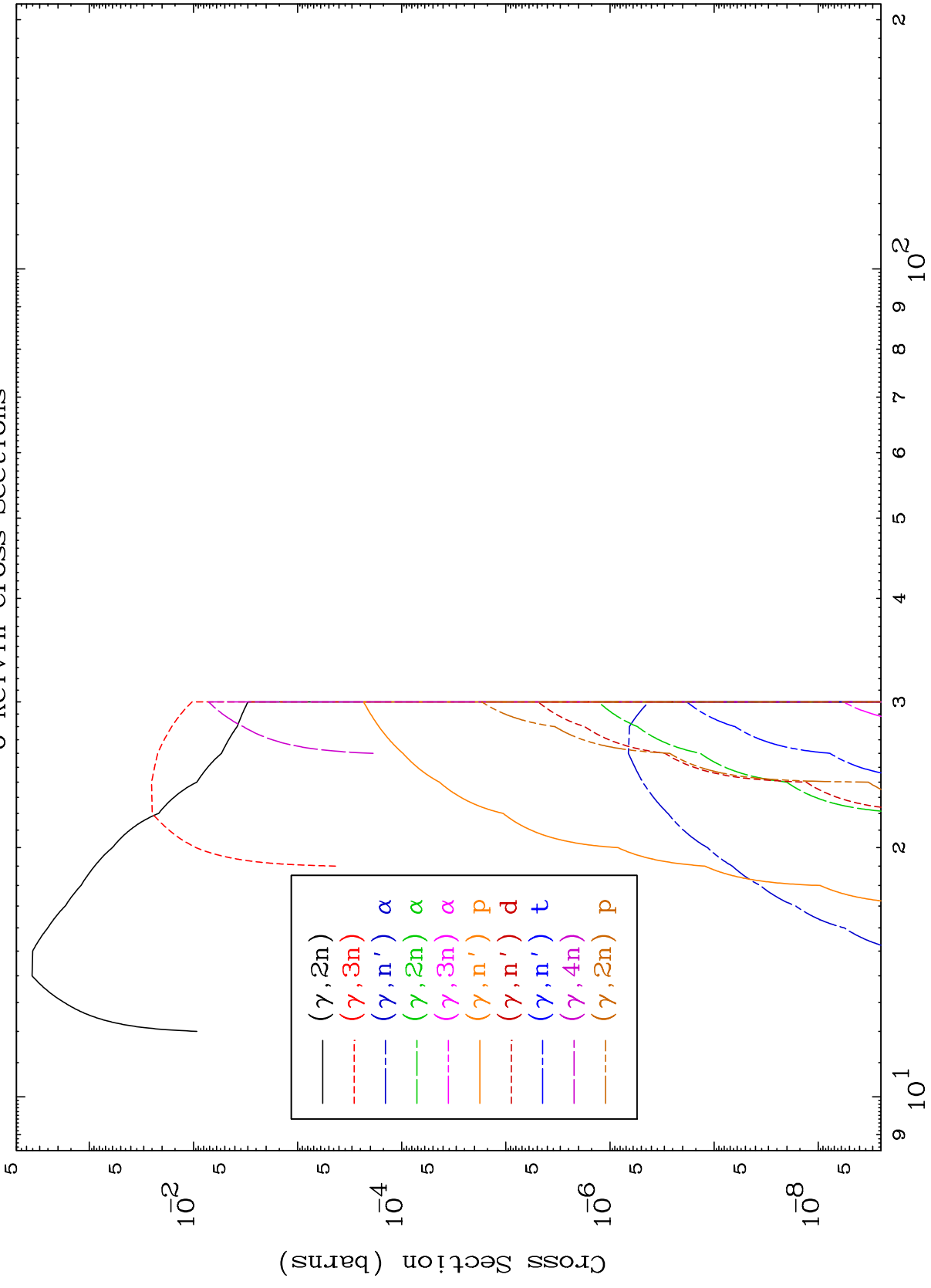
Photon Major  
0 Kelvin Cross Sections

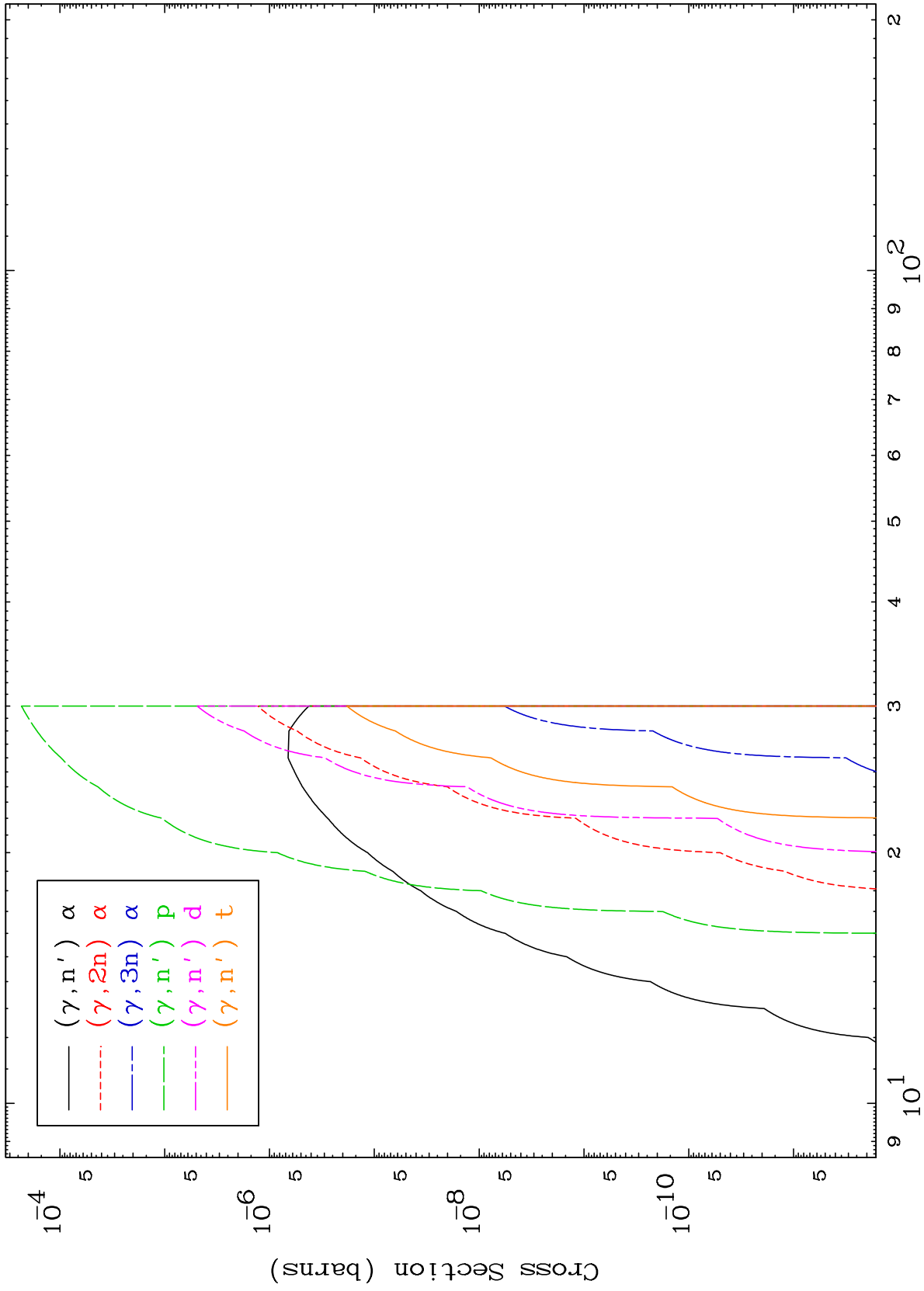
72-Hf-182



Incident Energy (MeV)

72-Hf-182

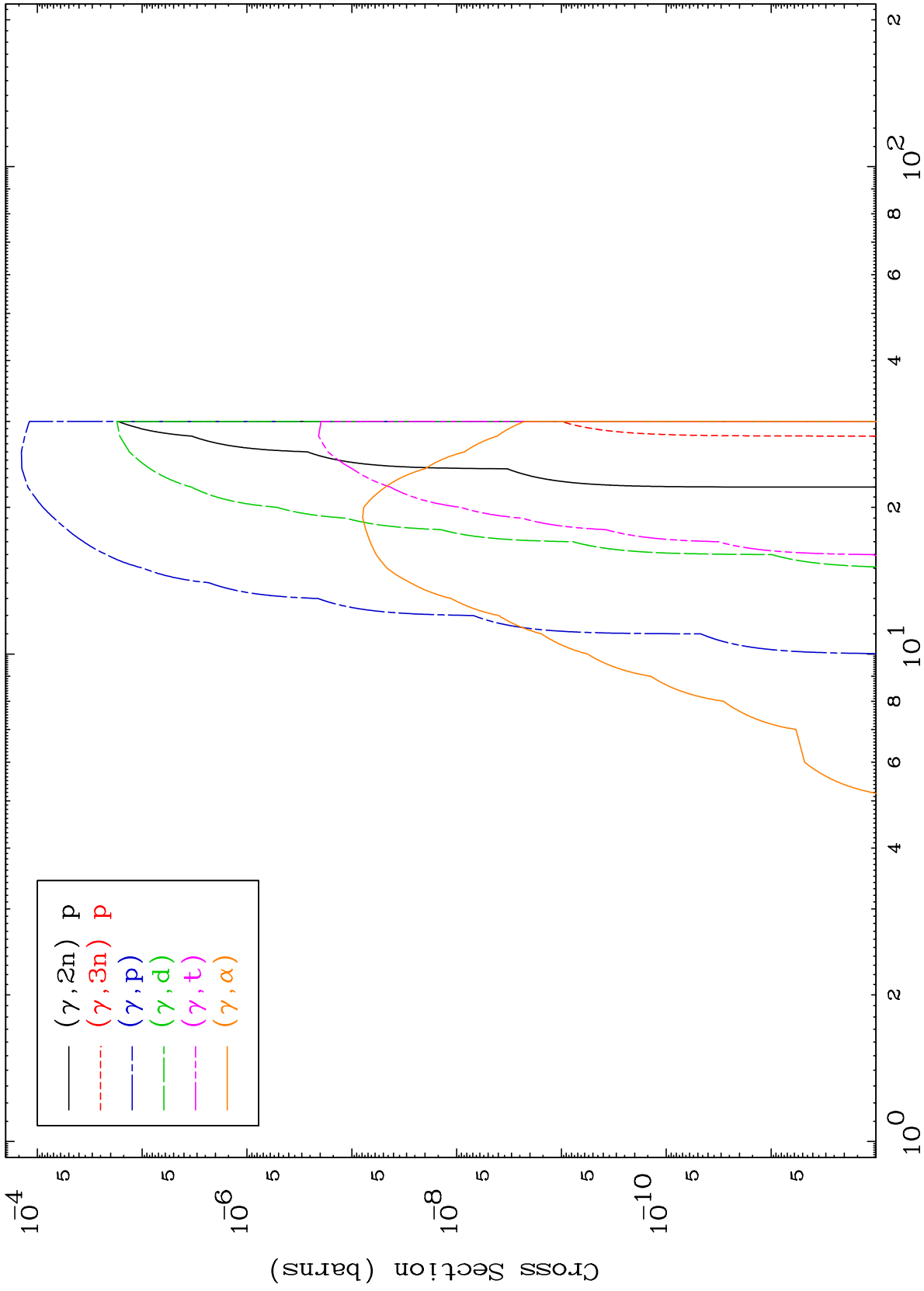




MAT 7250

Photon Charged Particle  
0 Kelvin Cross Sections

72-Hf-182



72-Hf-182

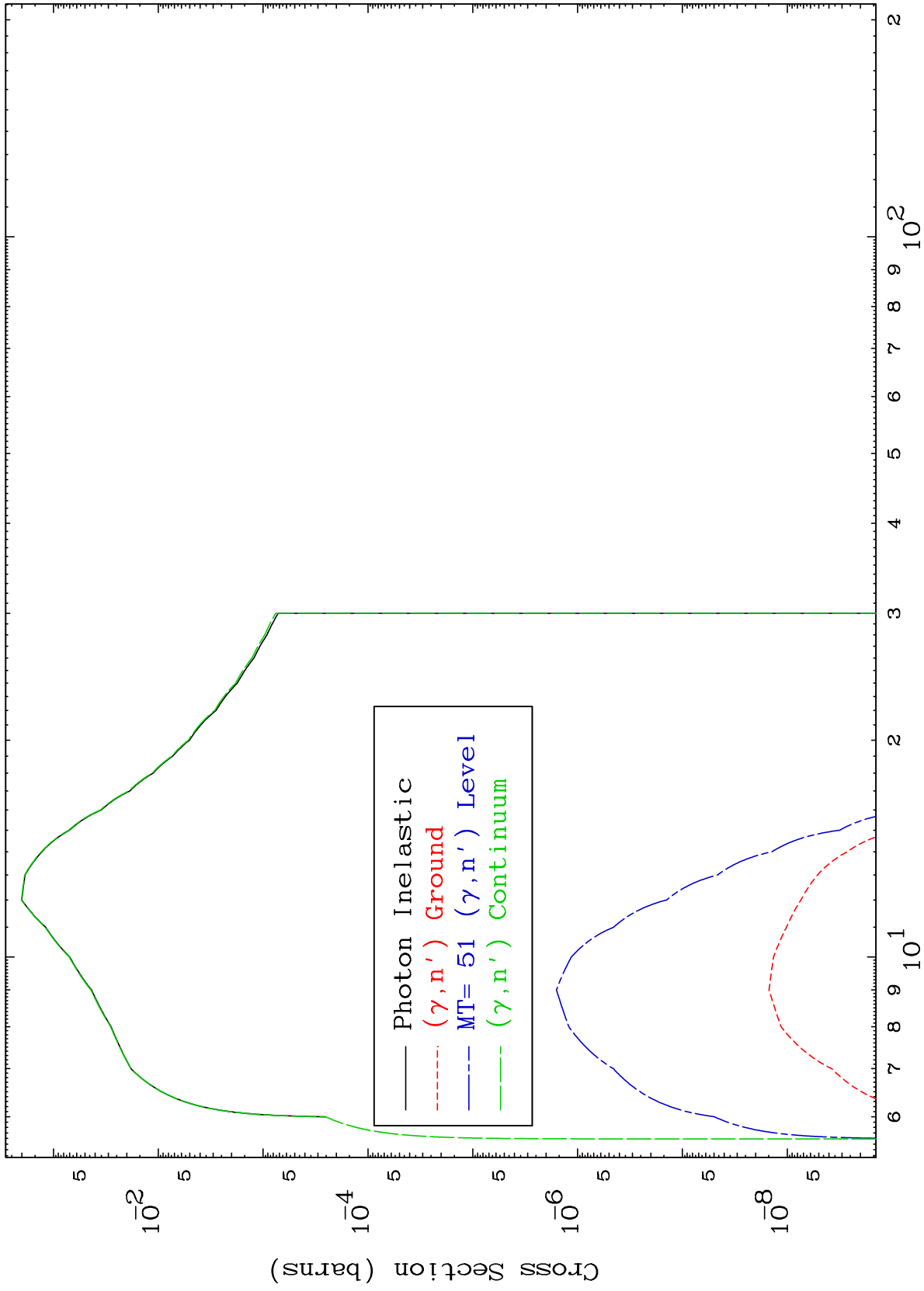
Incident Energy (MeV)

4

MAT 7250

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

72-Hf-182



5

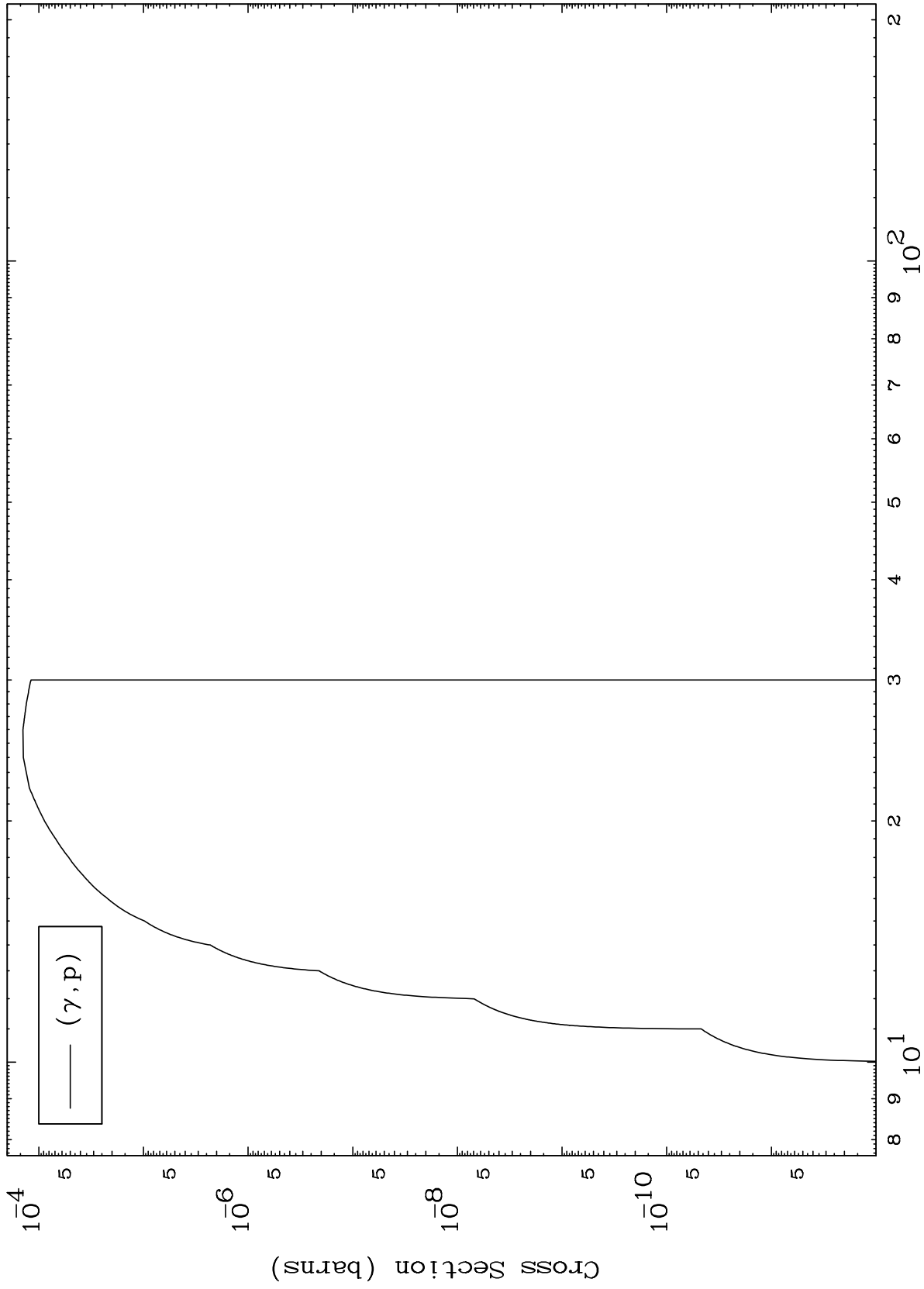
Incident Energy (MeV)

72-Hf-182

MAT 7250

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

72-Hf-182



6

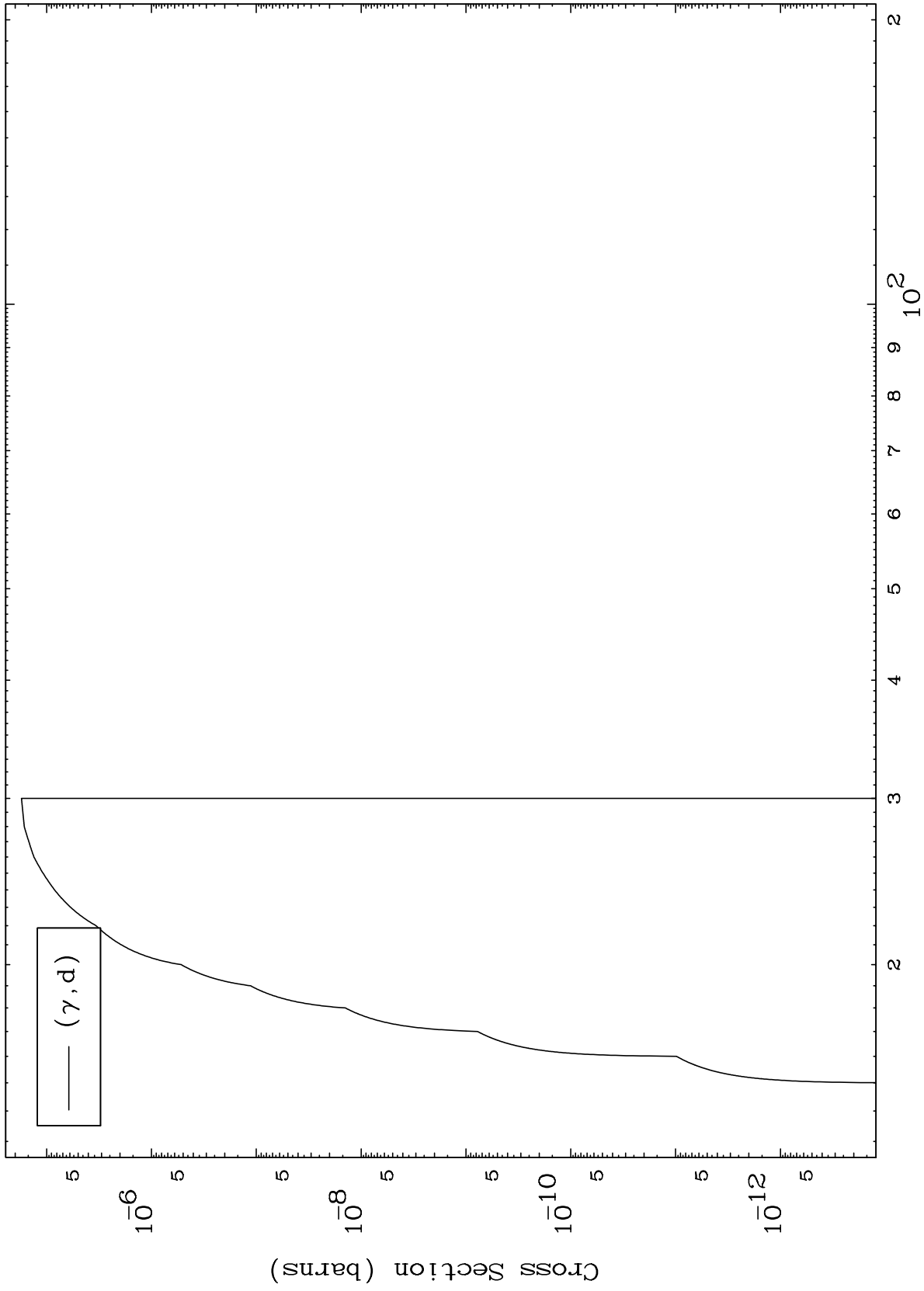
Incident Energy (MeV)

72-Hf-182

MAT 7250

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

72-Hf-182

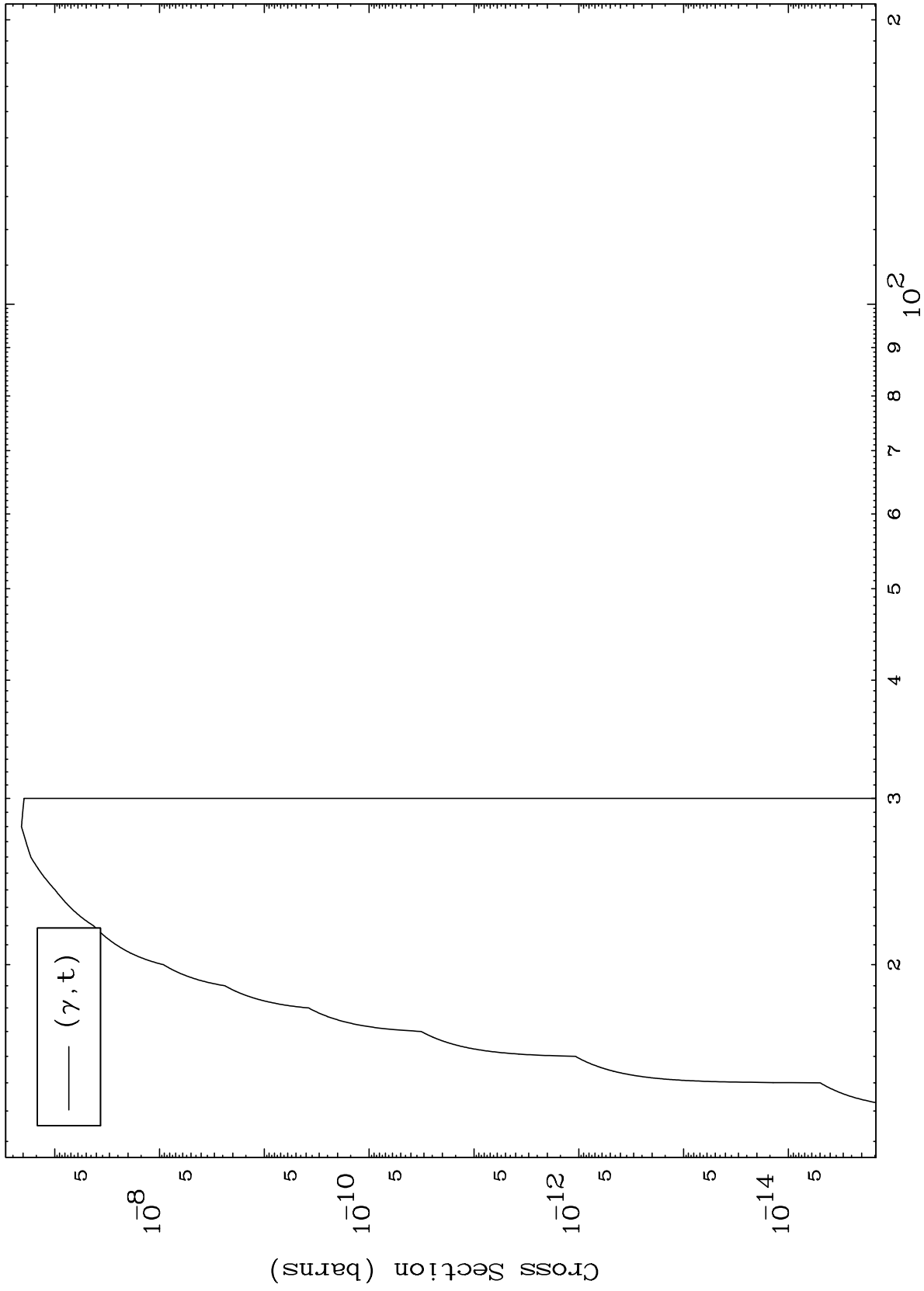


7

Incident Energy (MeV)

72-Hf-182

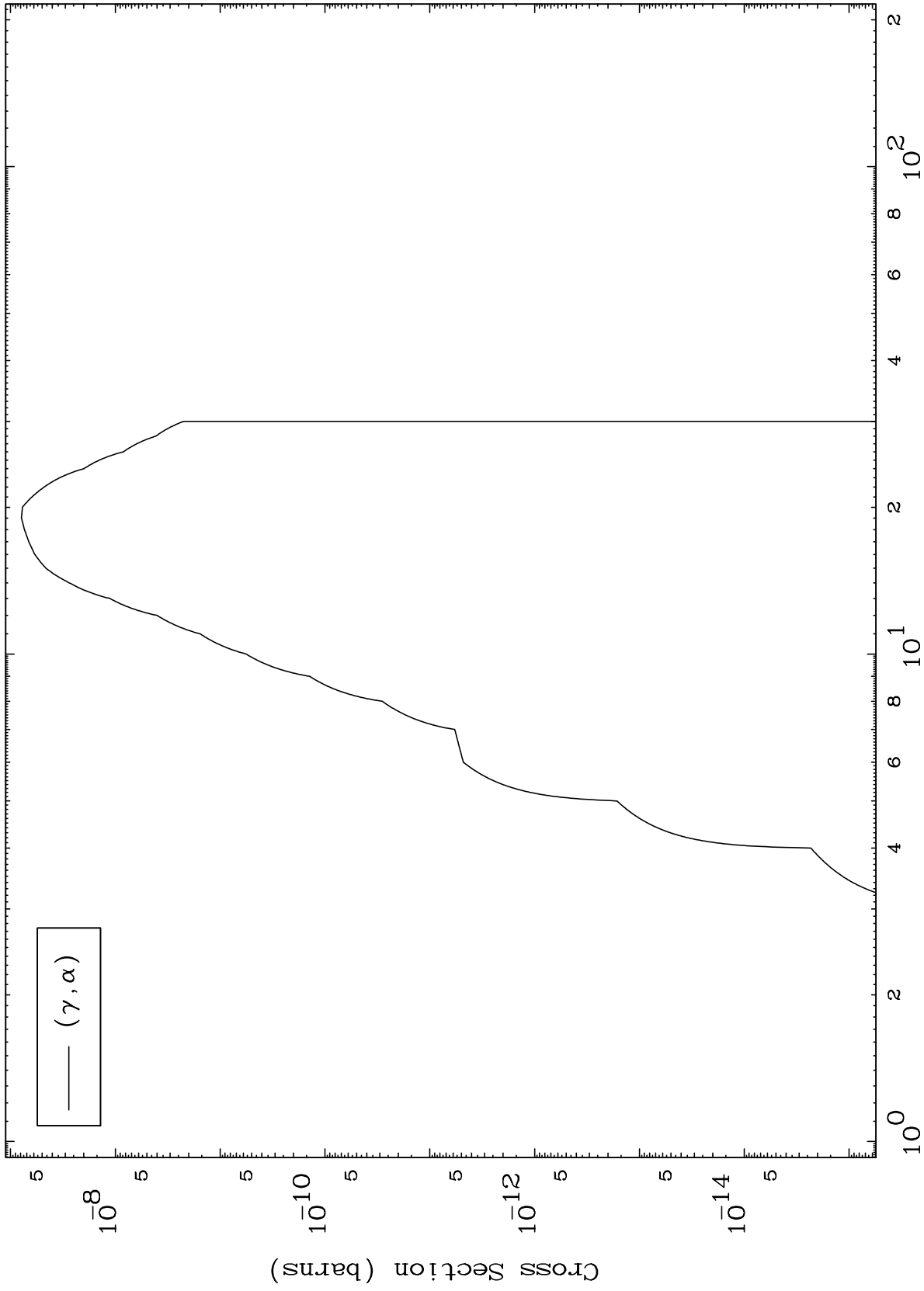




MAT 7250

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

72-Hf-182



Incident Energy (MeV)

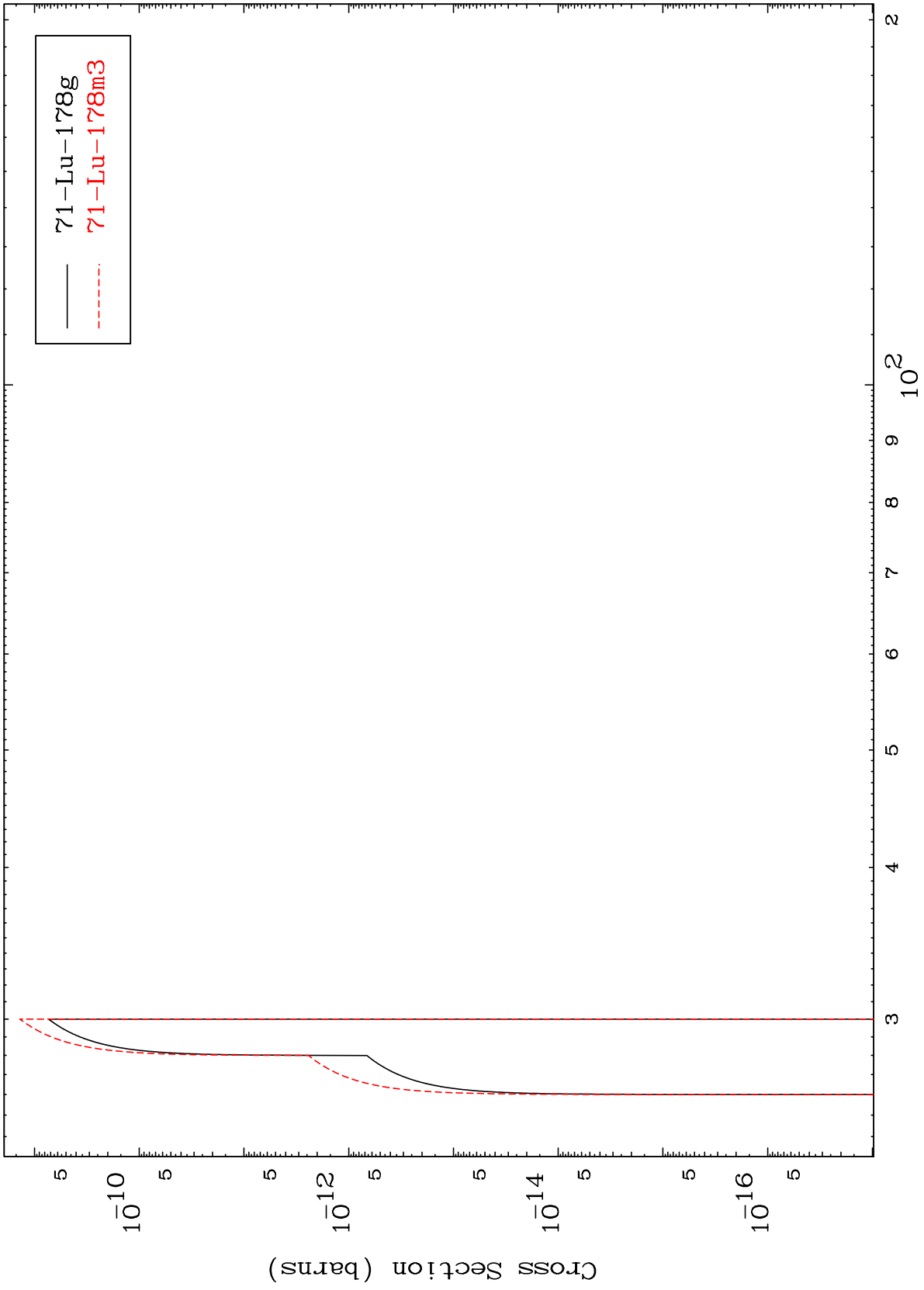
72-Hf-182

MAT 7250

( $\gamma, 2n$ ) d

72-Hf-182

Radionuclide Production Cross Section



10

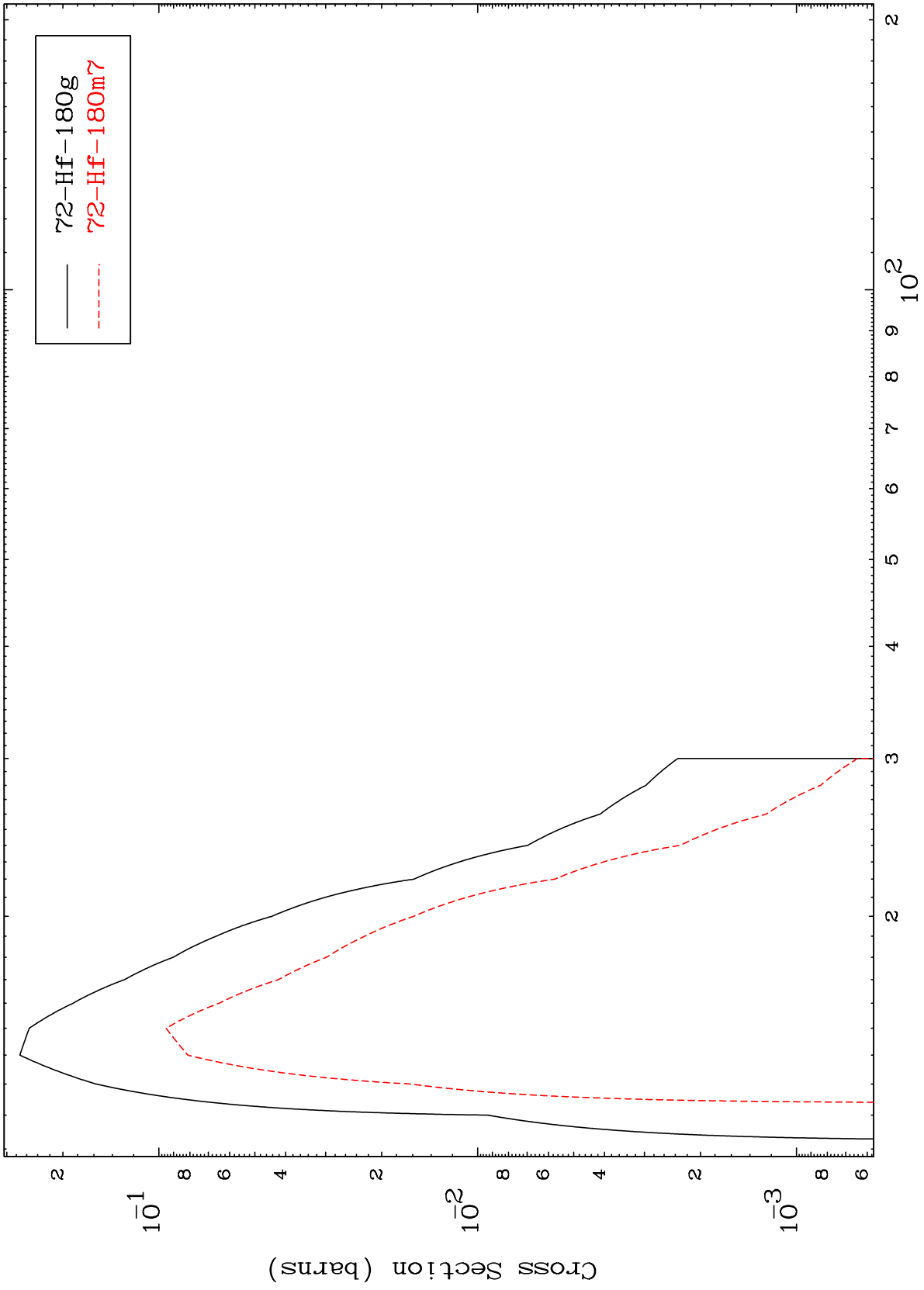
Incident Energy (MeV)

72-Hf-182

MAT 7250

72-Hf-182

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



11

Incident Energy (MeV)

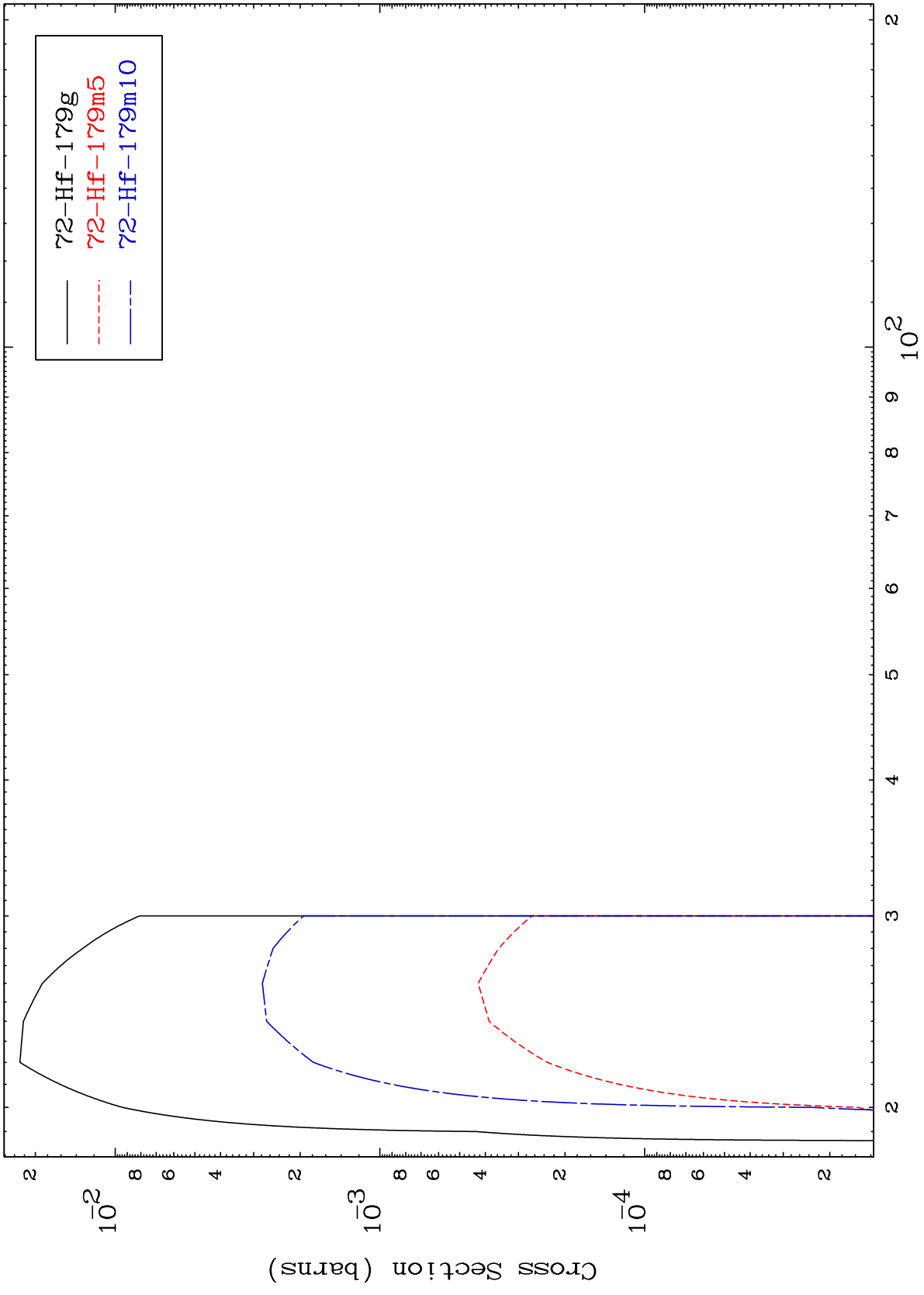
72-Hf-182

MAT 7250

( $\gamma, 3n$ )

72-Hf-182

Radionuclide Production Cross Section



12

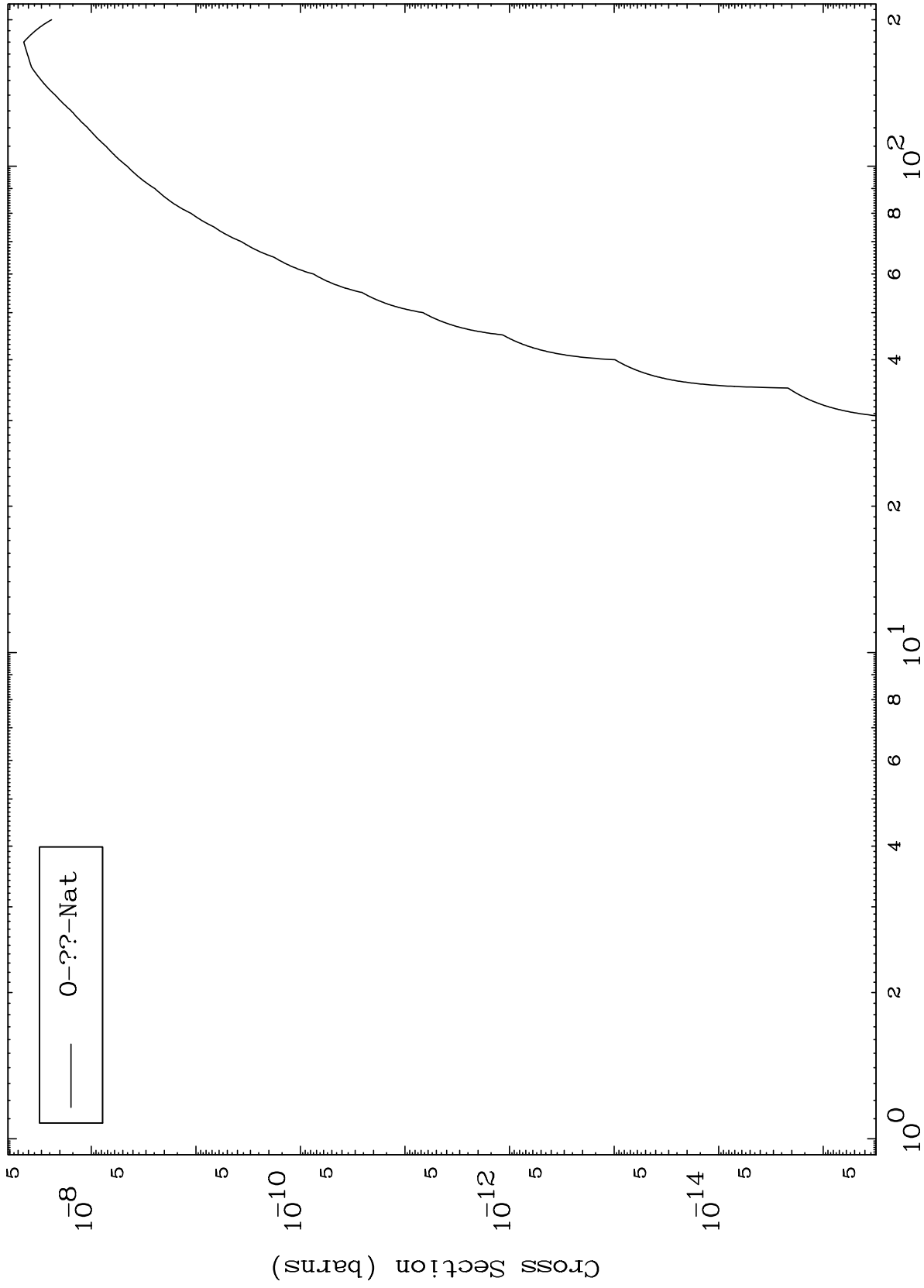
Incident Energy (MeV)

72-Hf-182

MAT 7250

Photon Fission  
Radionuclide Production Cross Section

72-Hf-182



13

Incident Energy (MeV)

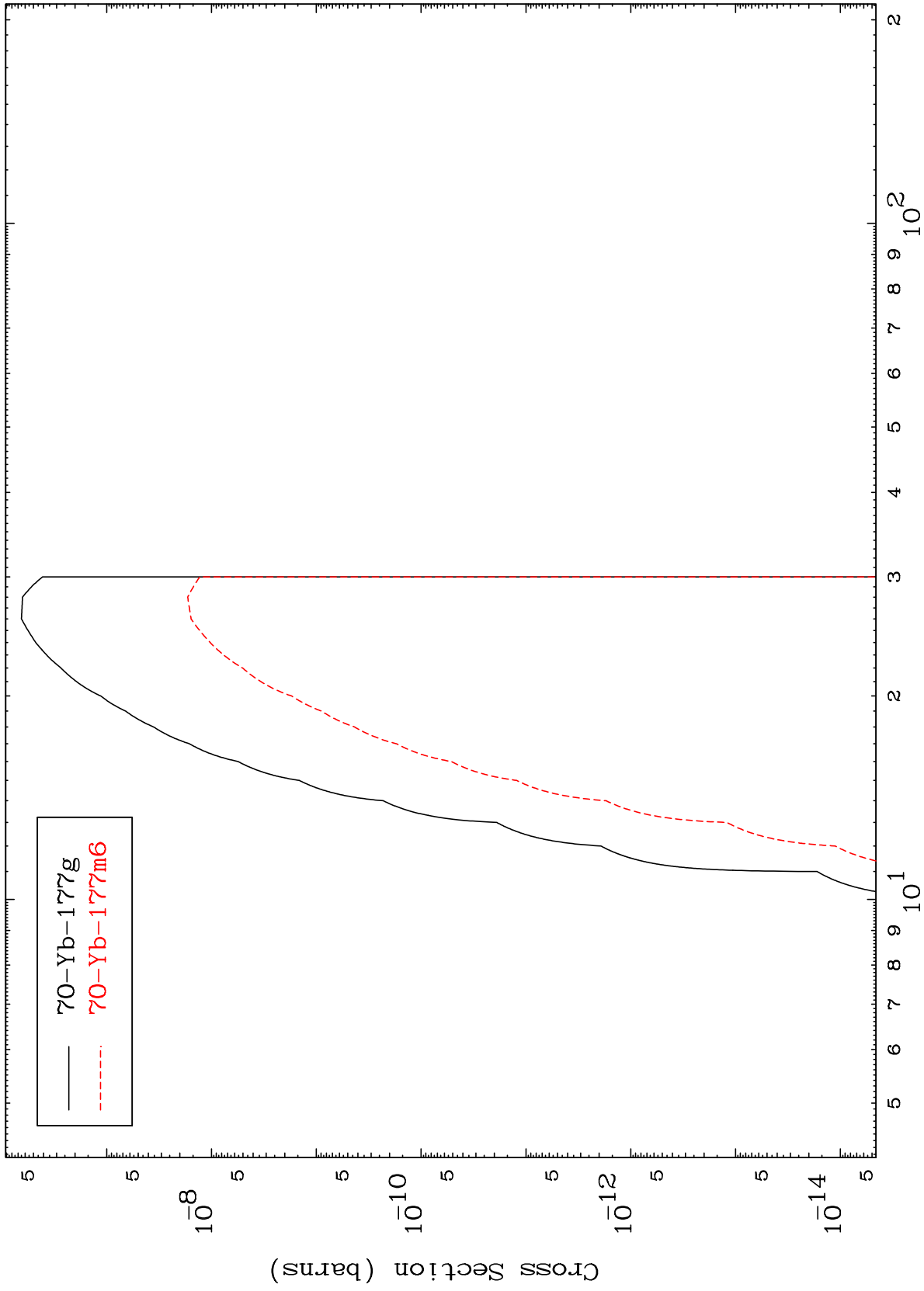
72-Hf-182

MAT 7250

$(\gamma, n') \alpha$

72-Hf-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

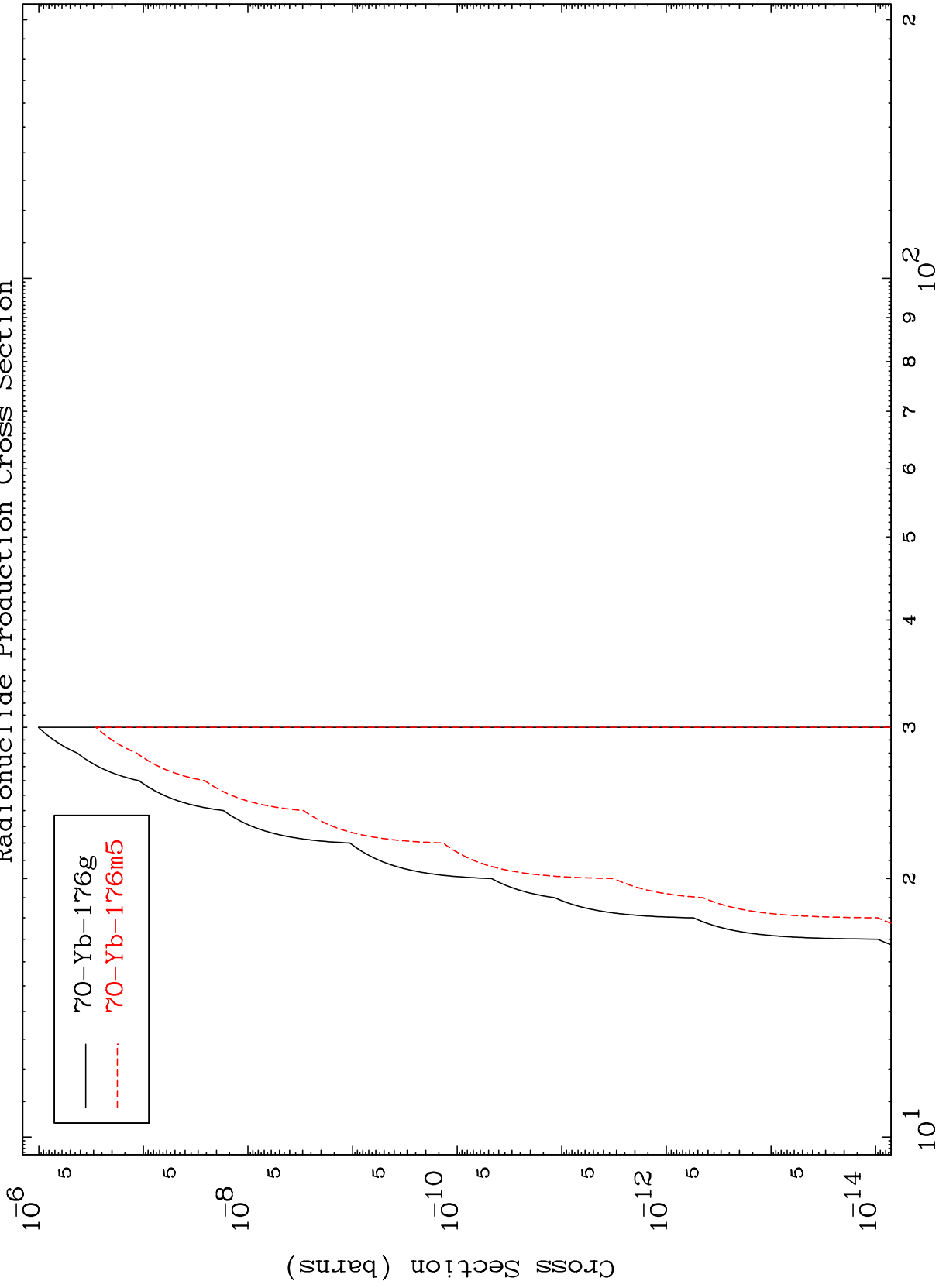
72-Hf-182

MAT 7250

( $\gamma, 2n$ )  $\alpha$

72-Hf-182

Radionuclide Production Cross Section



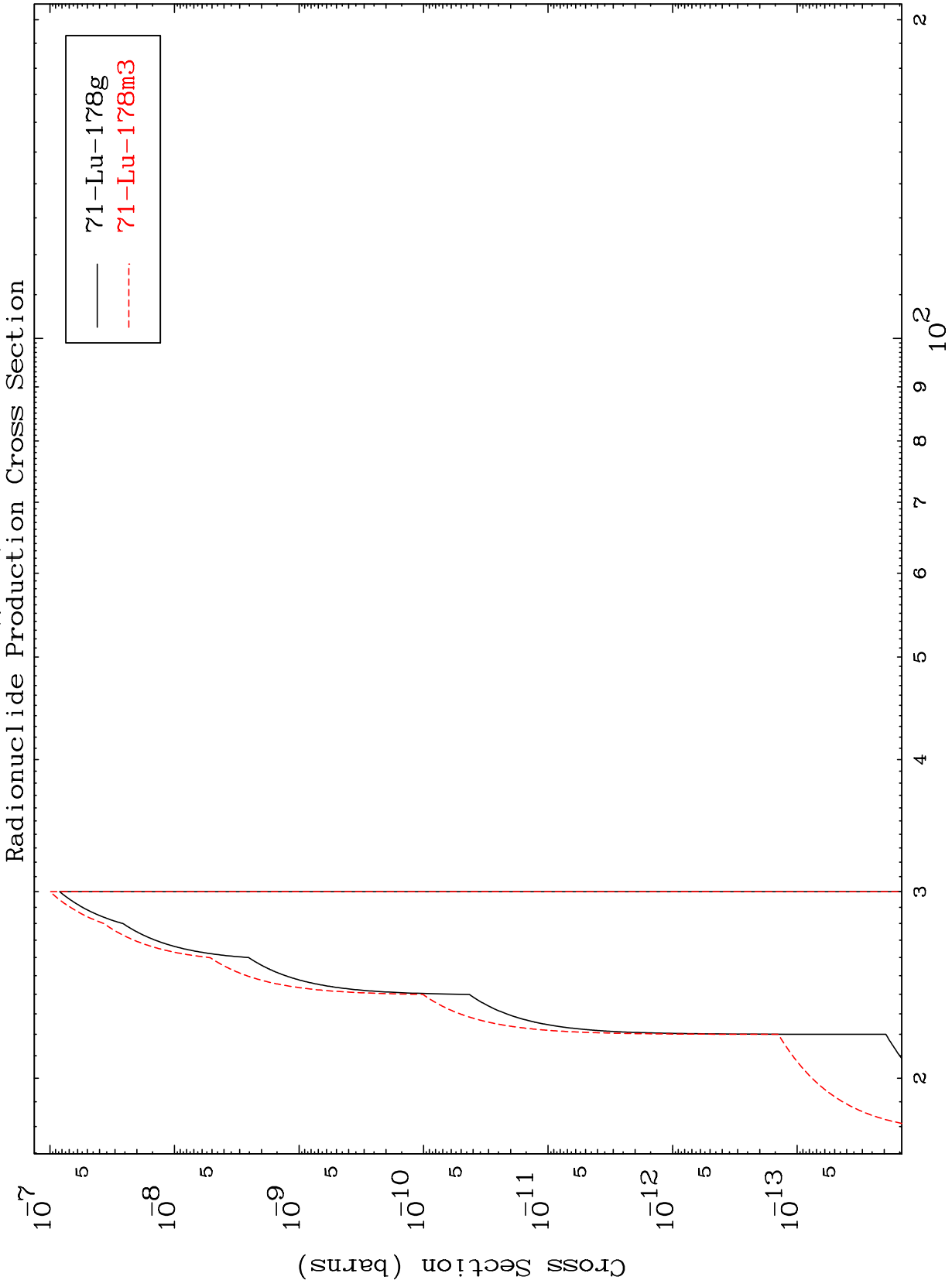
70-Yb-176g  
70-Yb-176m5



MAT 7250

( $\gamma, n'$ ) t

72-Hf-182



16

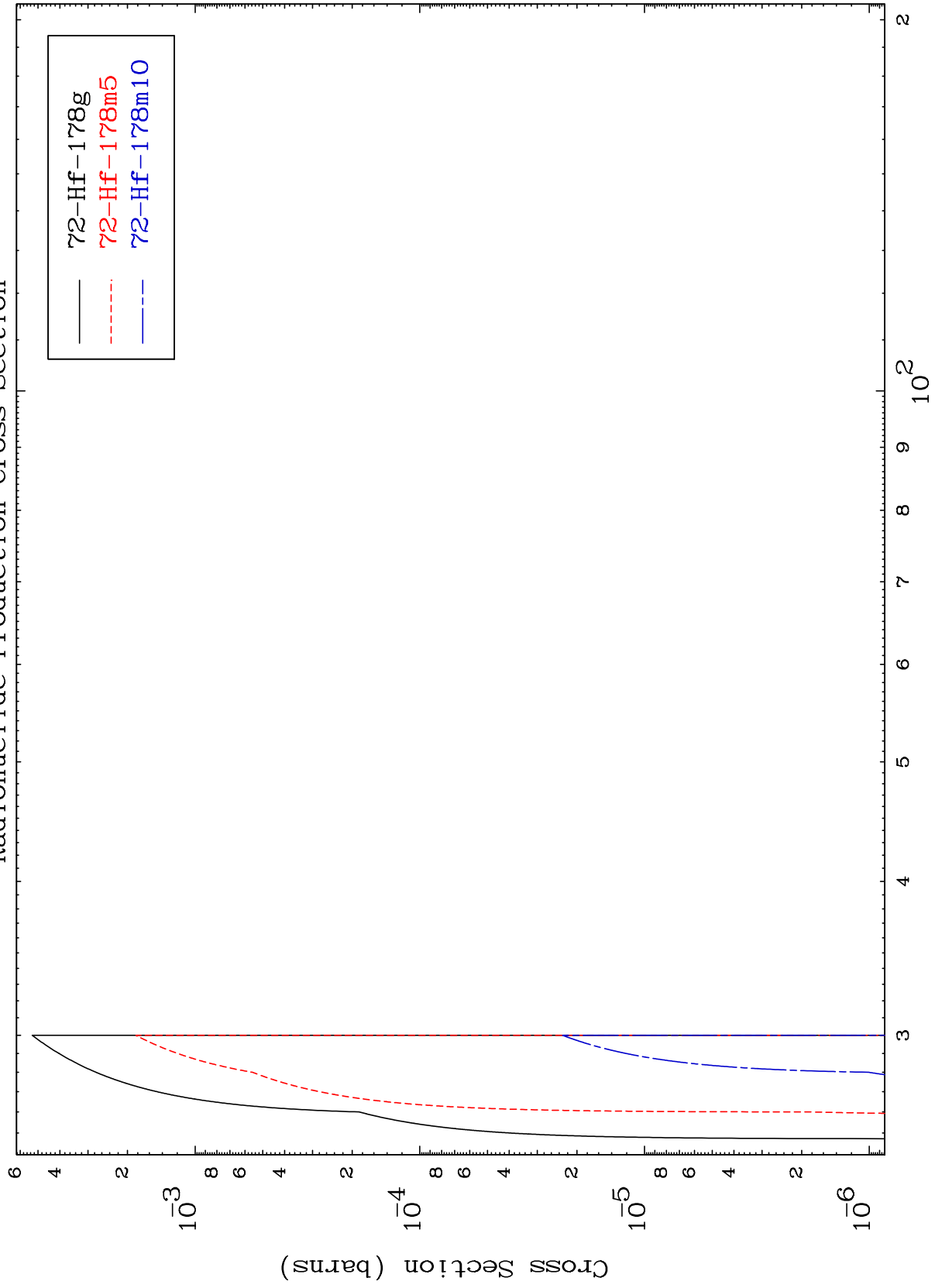
Incident Energy (MeV)

72-Hf-182

MAT 7250

72-Hf-182

$(\gamma, 4n)$   
Radionuclide Production Cross Section



17

Incident Energy (MeV)

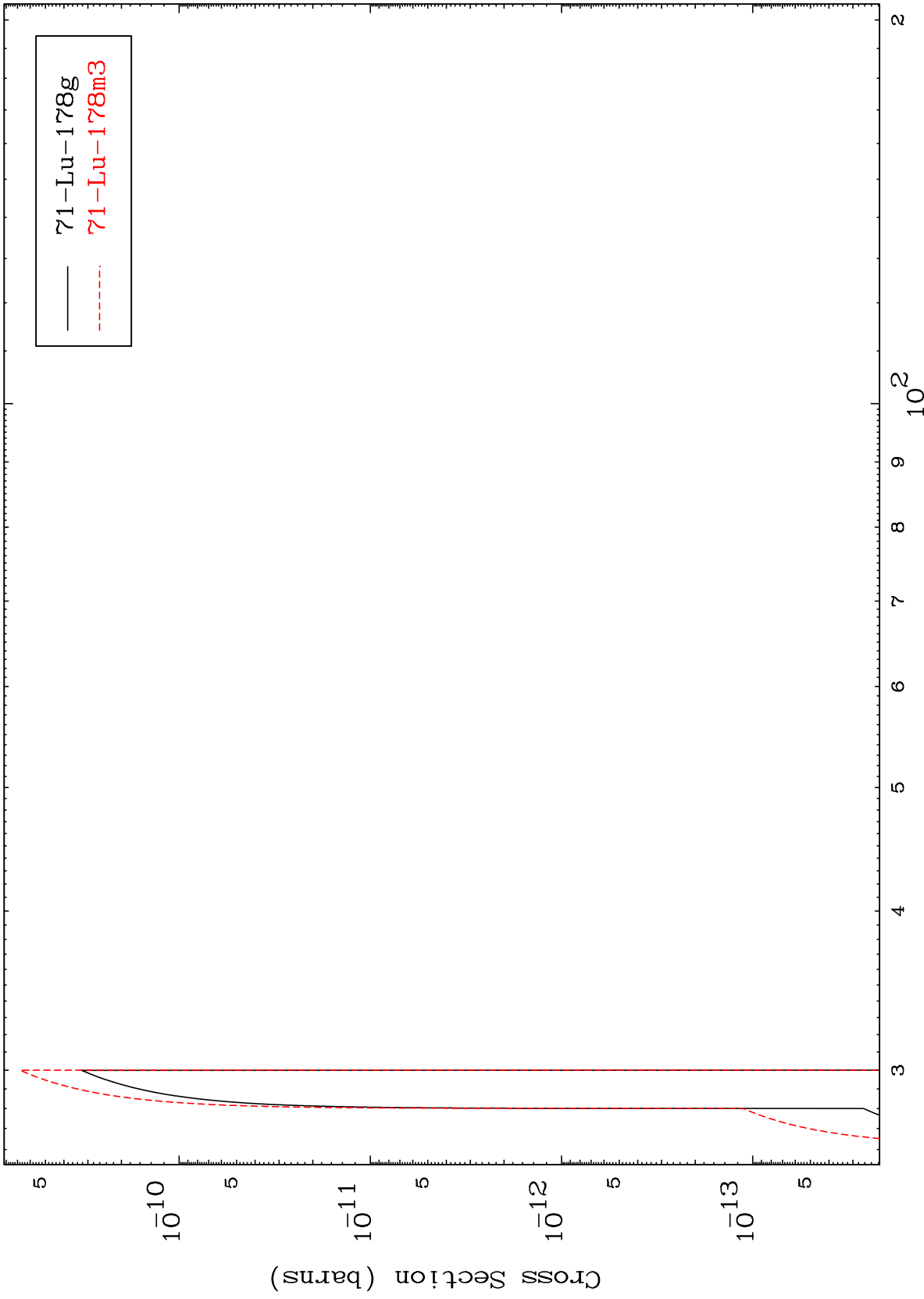
72-Hf-182

MAT 7250

( $\gamma, 3n$ ) p

72-Hf-182

Radionuclide Production Cross Section



18

Incident Energy (MeV)

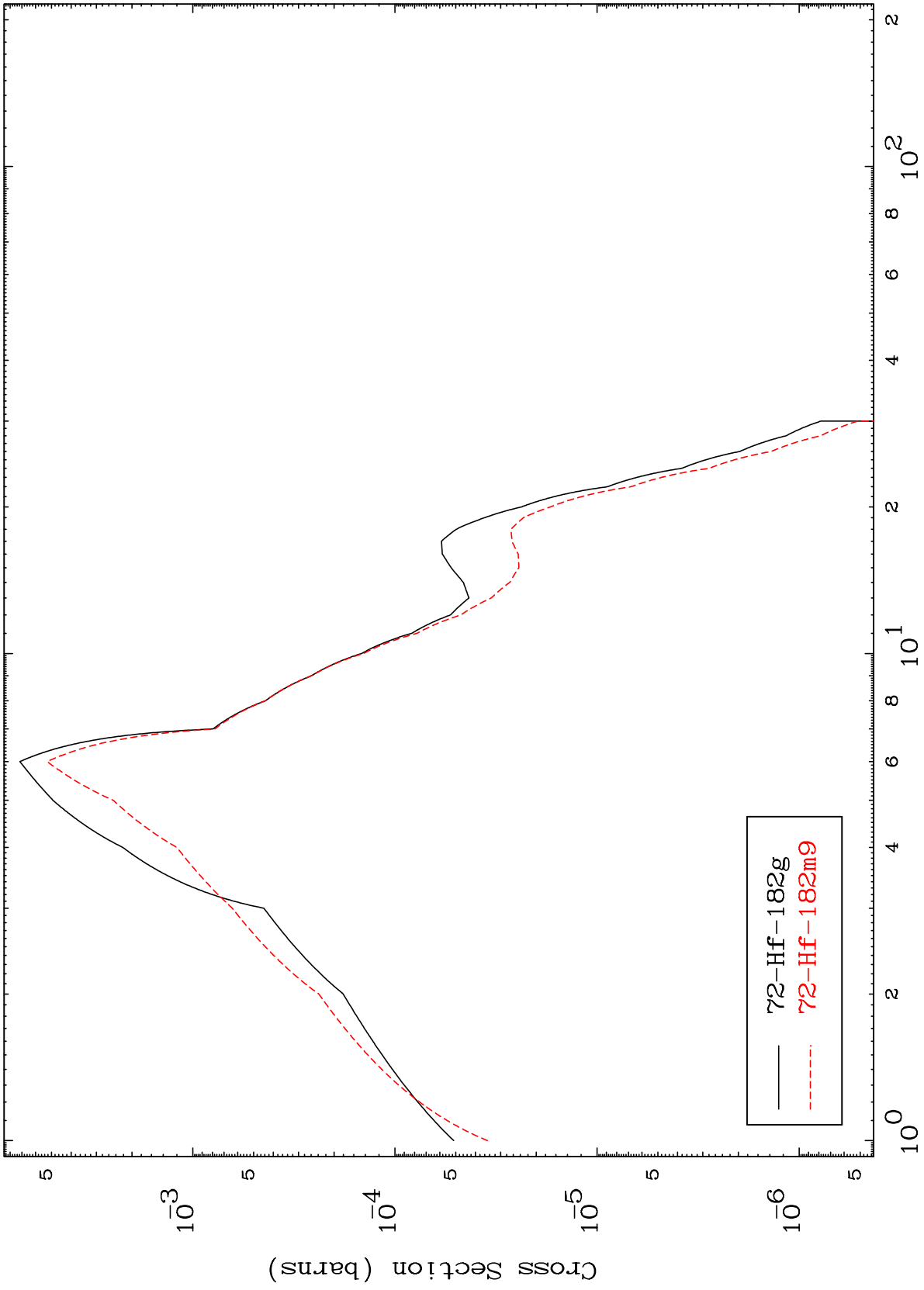
72-Hf-182

MAT 7250

72-Hf-182

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



Incident Energy (MeV)

72-Hf-182

