

Program EVALPLOT  
(Version 2021-1)

by

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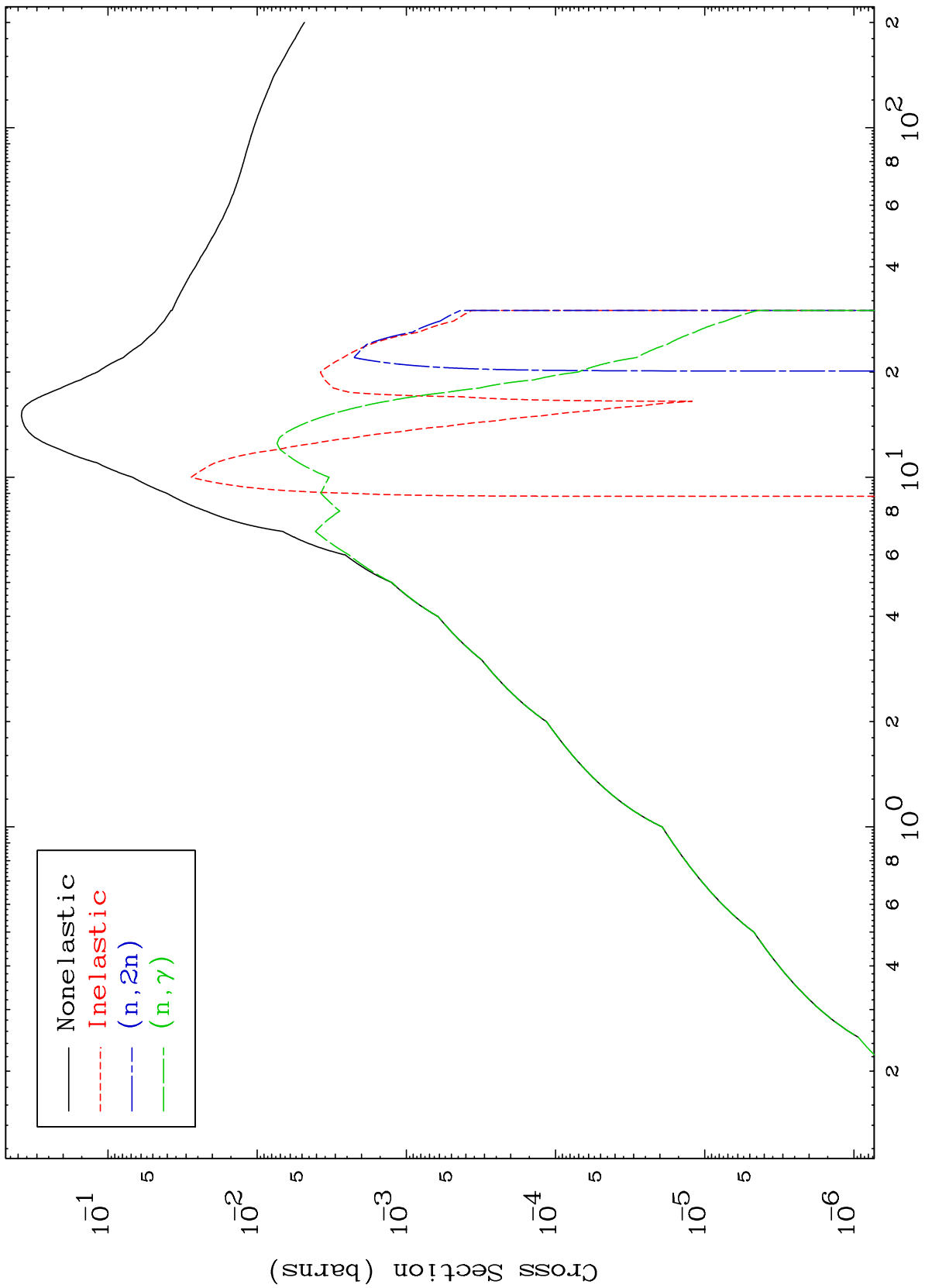
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7180

Photon Major  
0 Kelvin Cross Sections

72-Hf-159



1

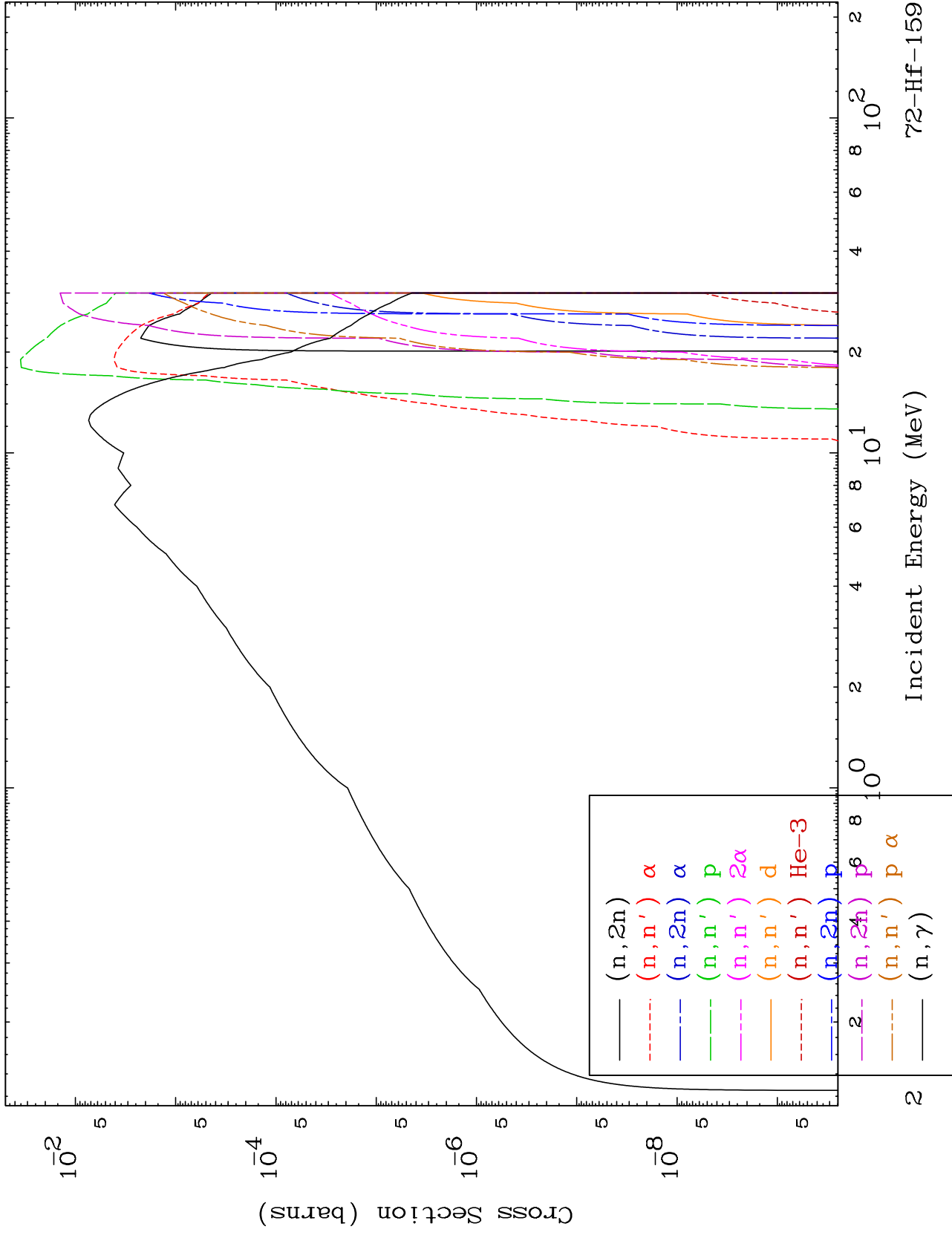
Incident Energy (MeV)

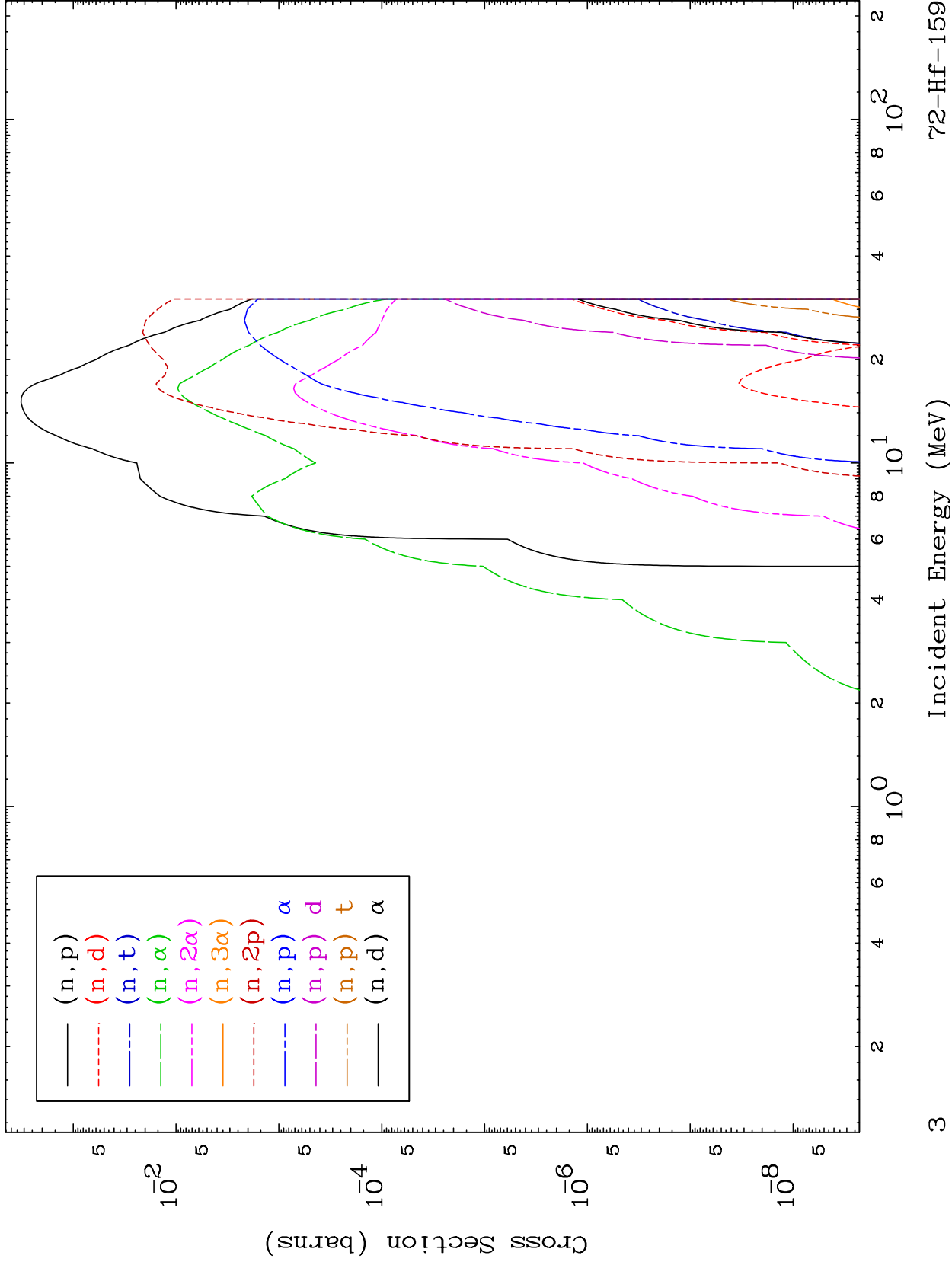
72-Hf-159

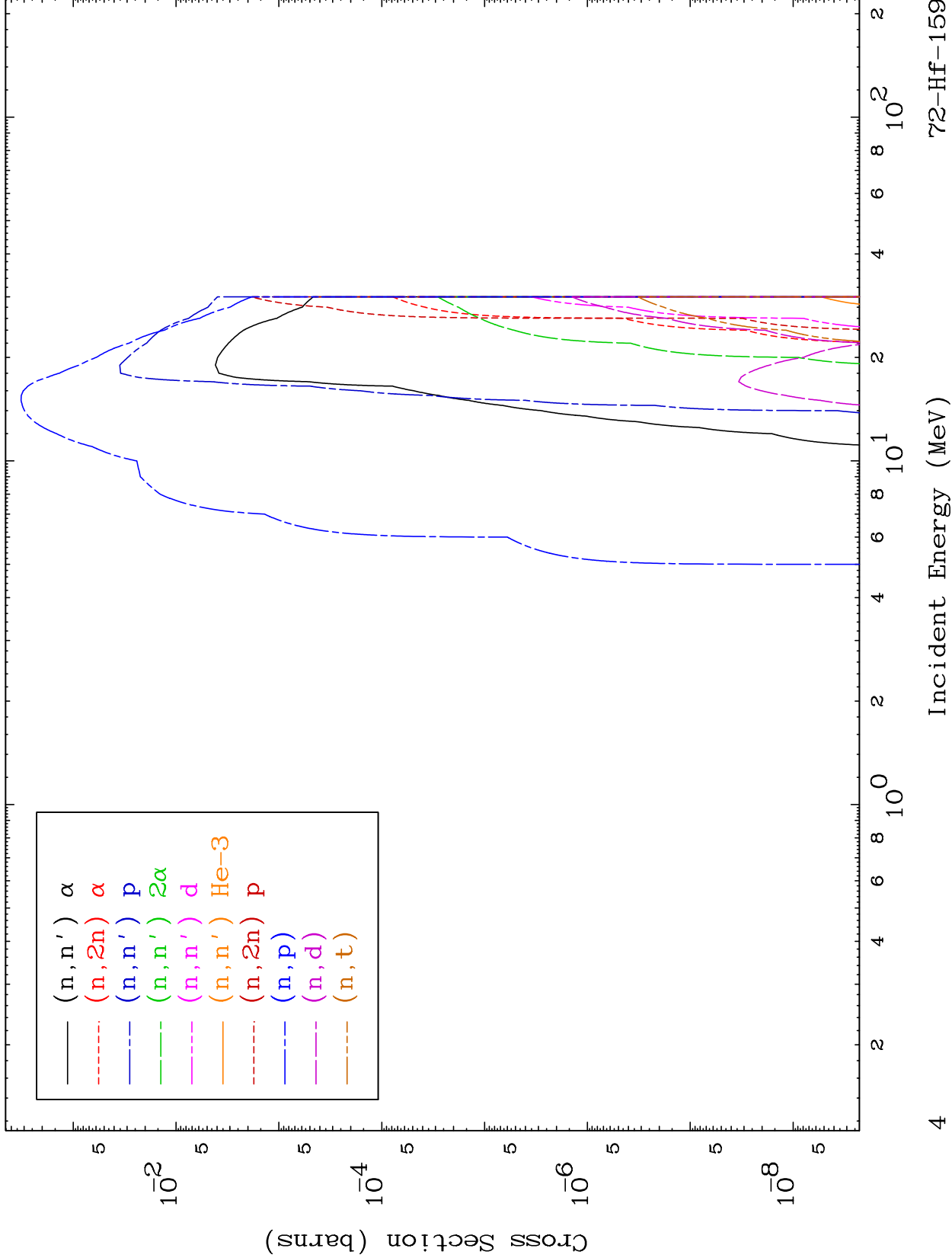
MAT 7180

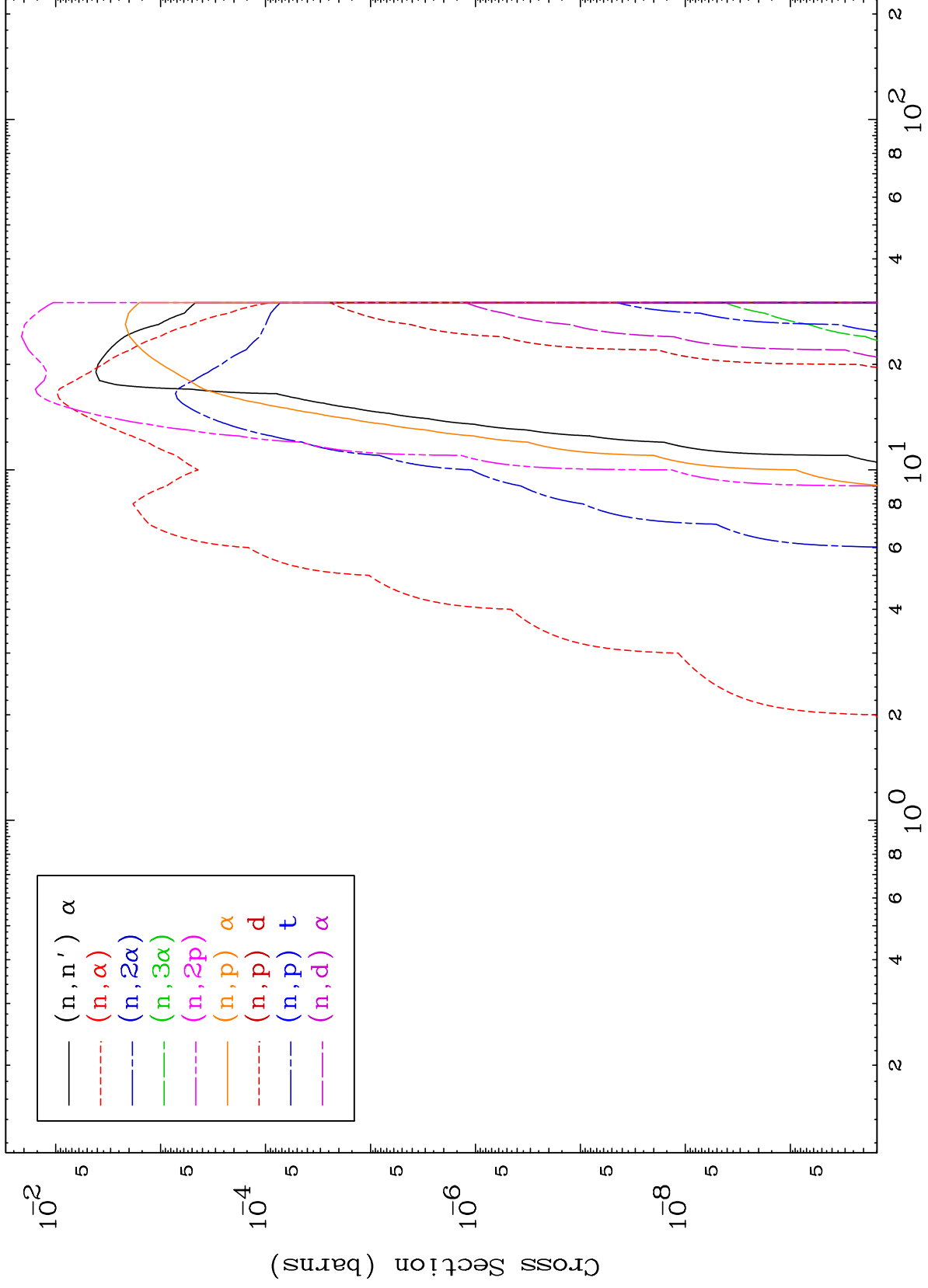
Photon Neutron Absorption  
0 Kelvin Cross Sections

72-Hf-159







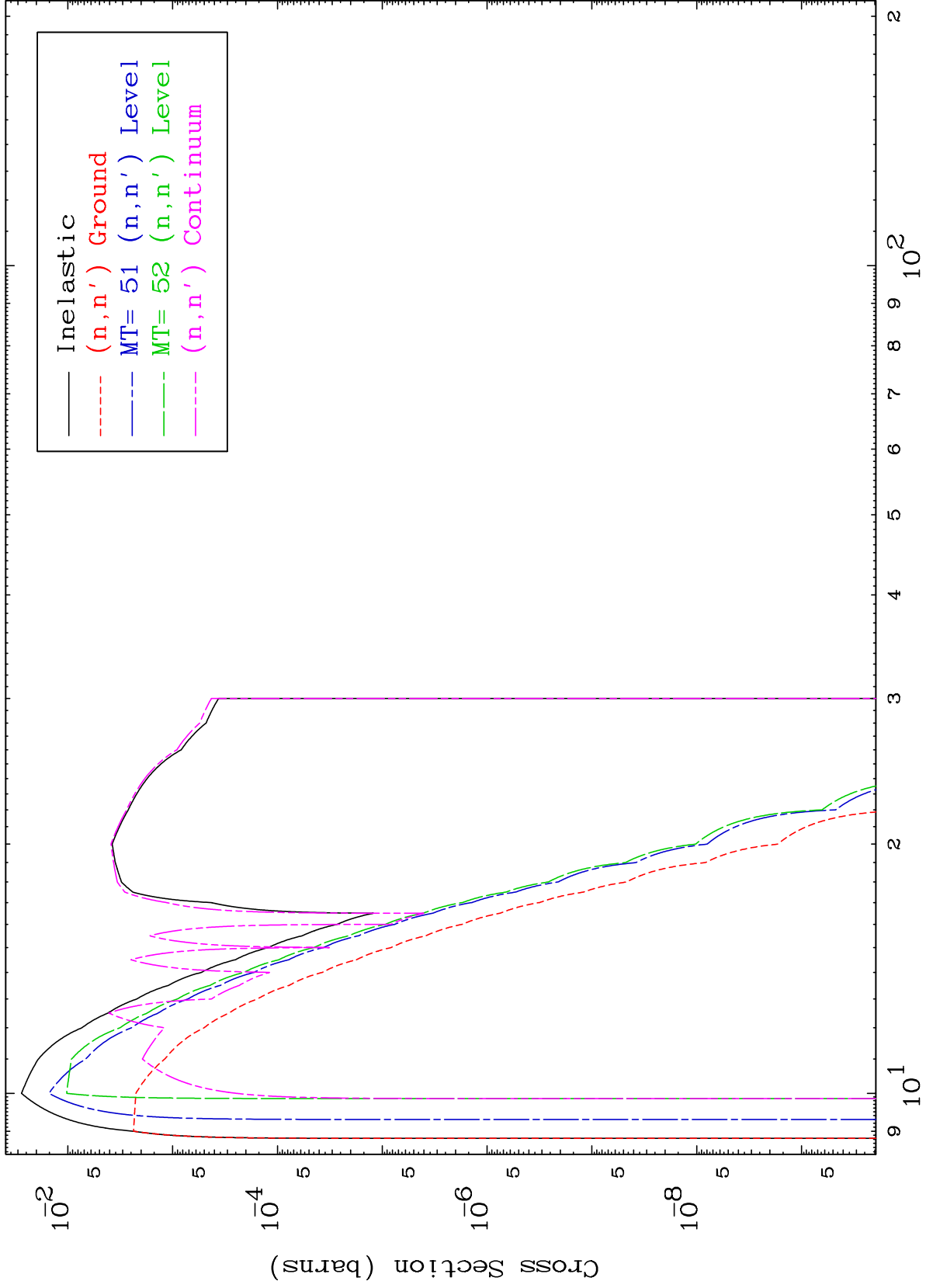


MAT 7180

( $\gamma, n'$ ) Levels

72-Hf-159

0 Kelvin Cross Sections



Incident Energy (MeV)

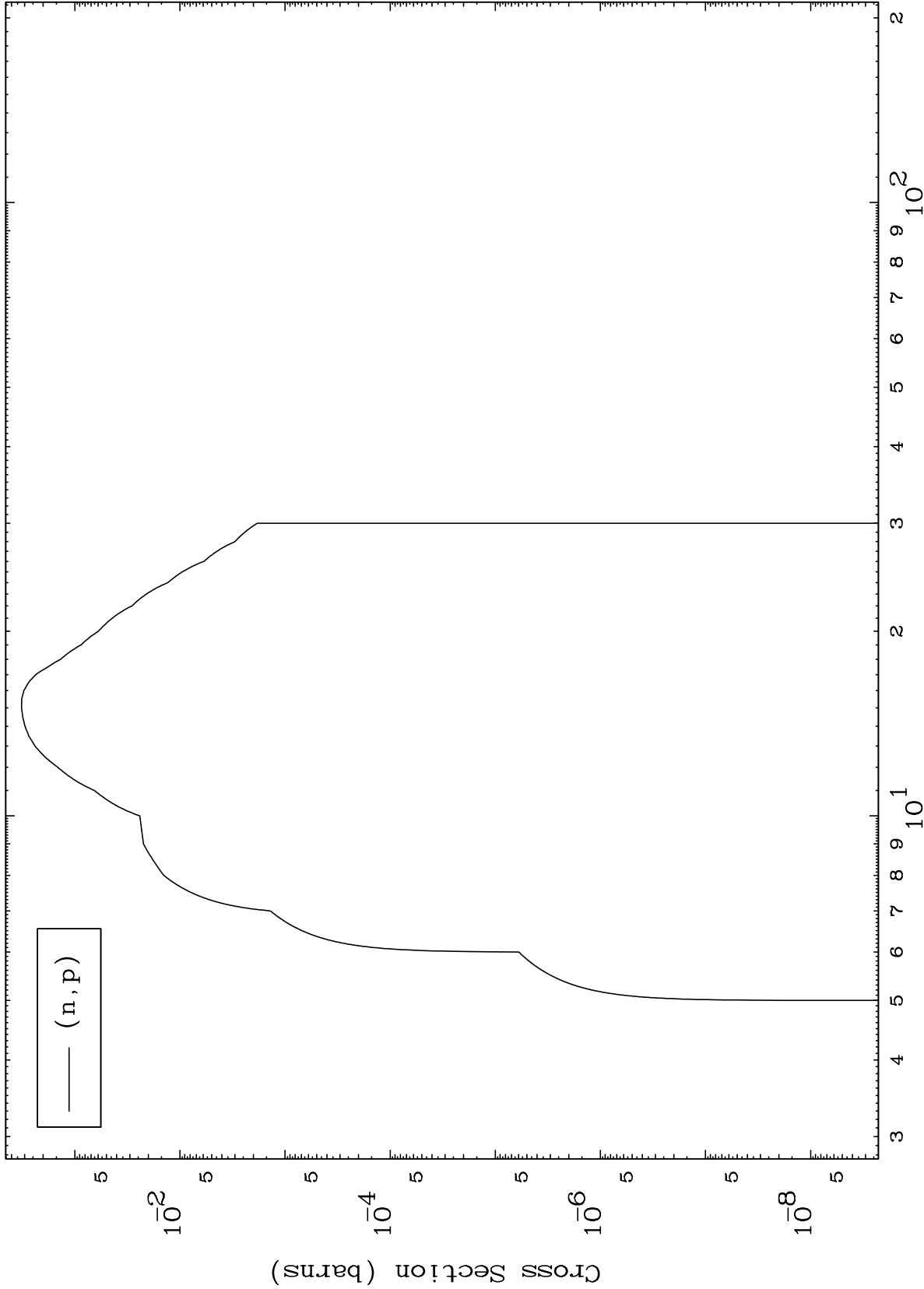
72-Hf-159

MAT 7180

( $\gamma, p$ ) Levels

72-Hf-159

0 Kelvin Cross Sections



7

Incident Energy (MeV)

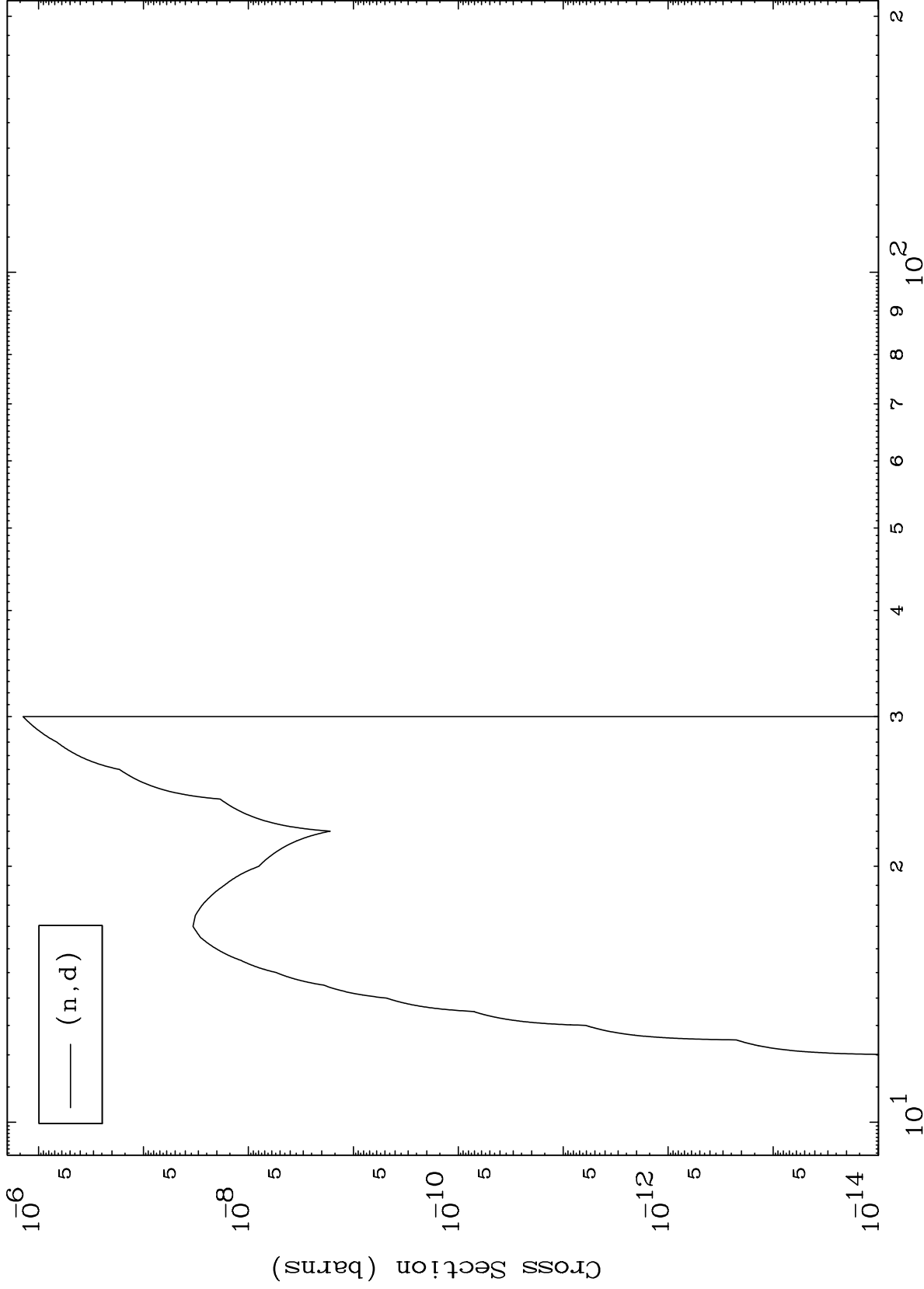
72-Hf-159

MAT 7180

( $\gamma, d$ ) Levels

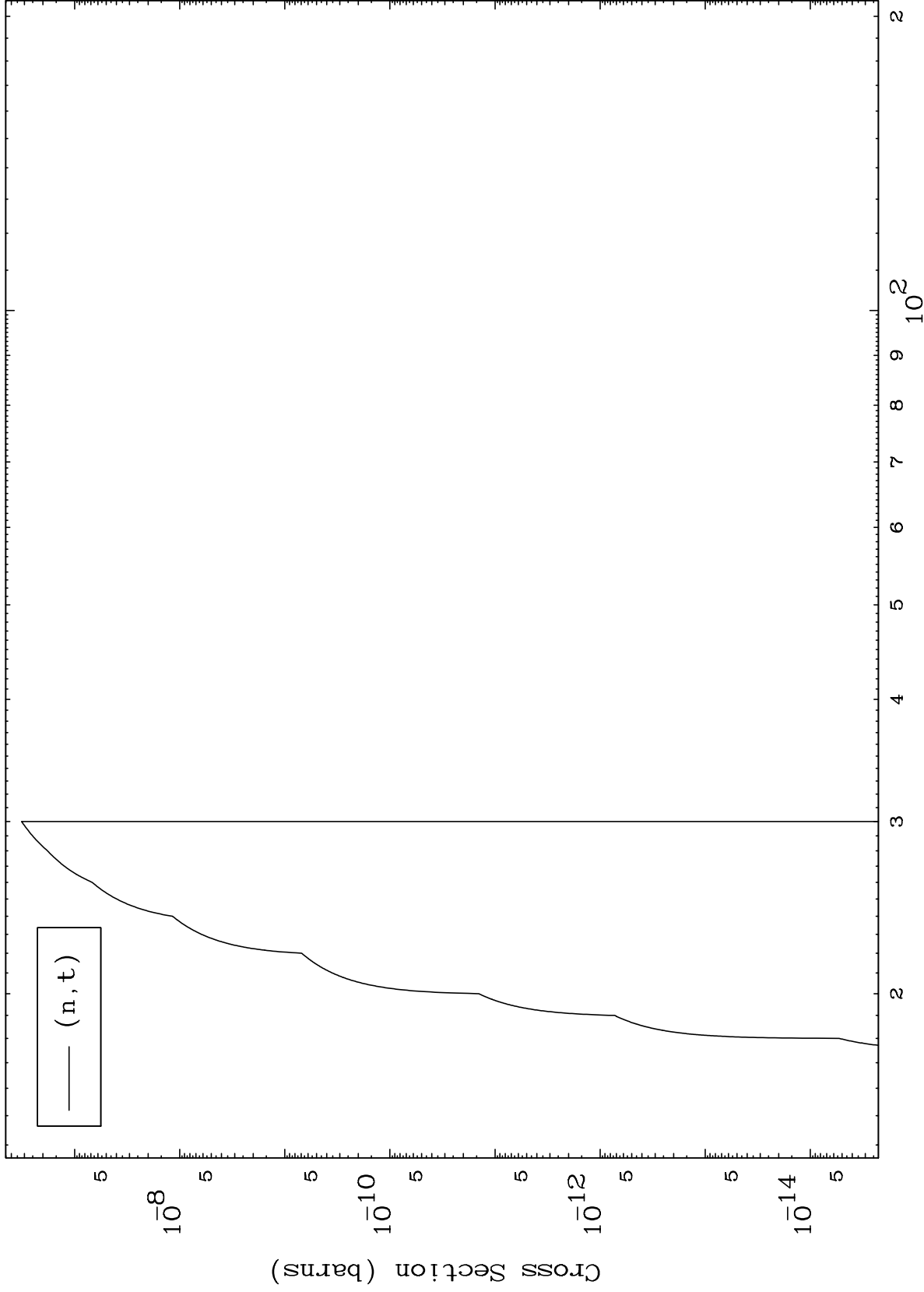
72-Hf-159

0 Kelvin Cross Sections



Incident Energy (MeV)

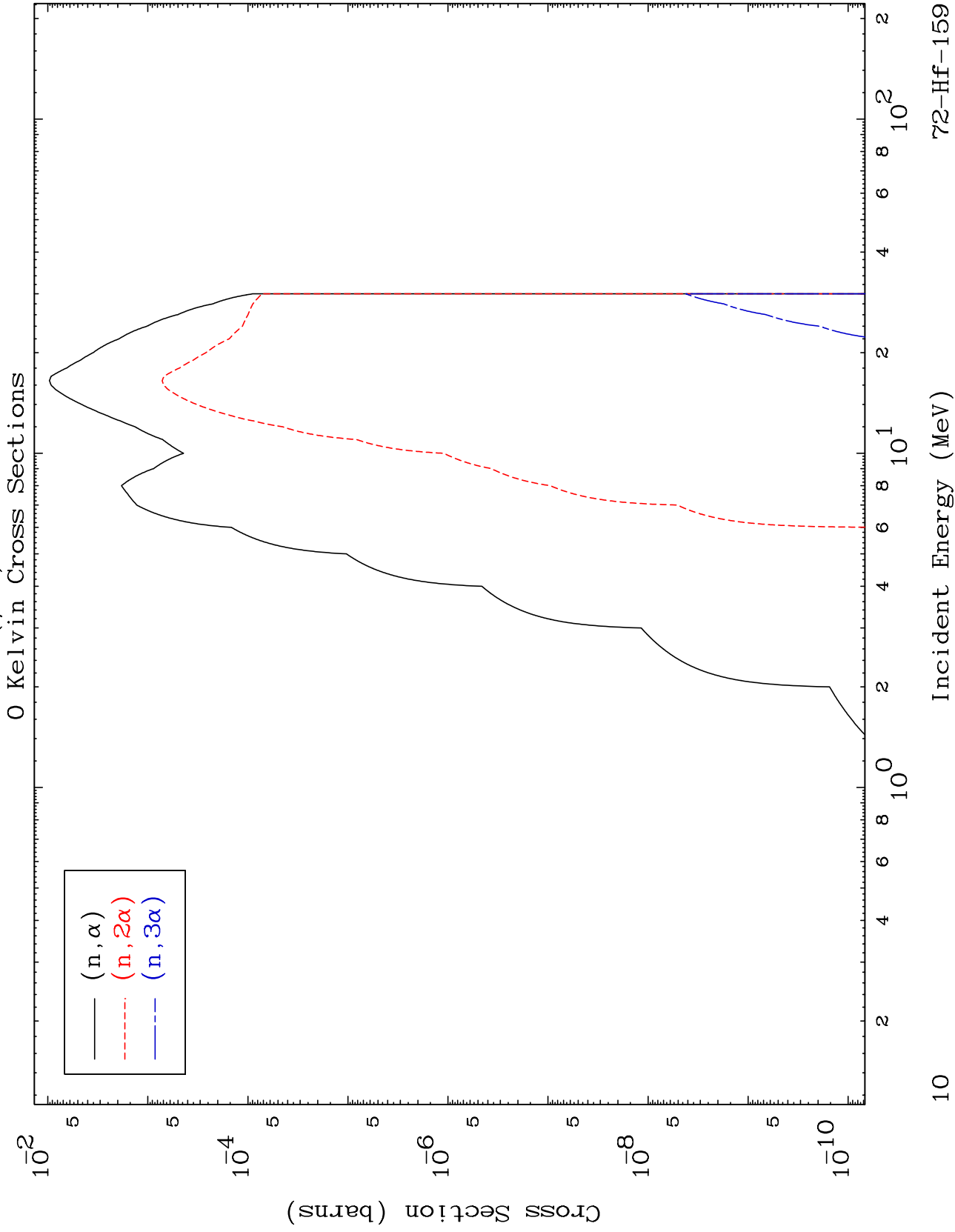
72-Hf-159



MAT 7180

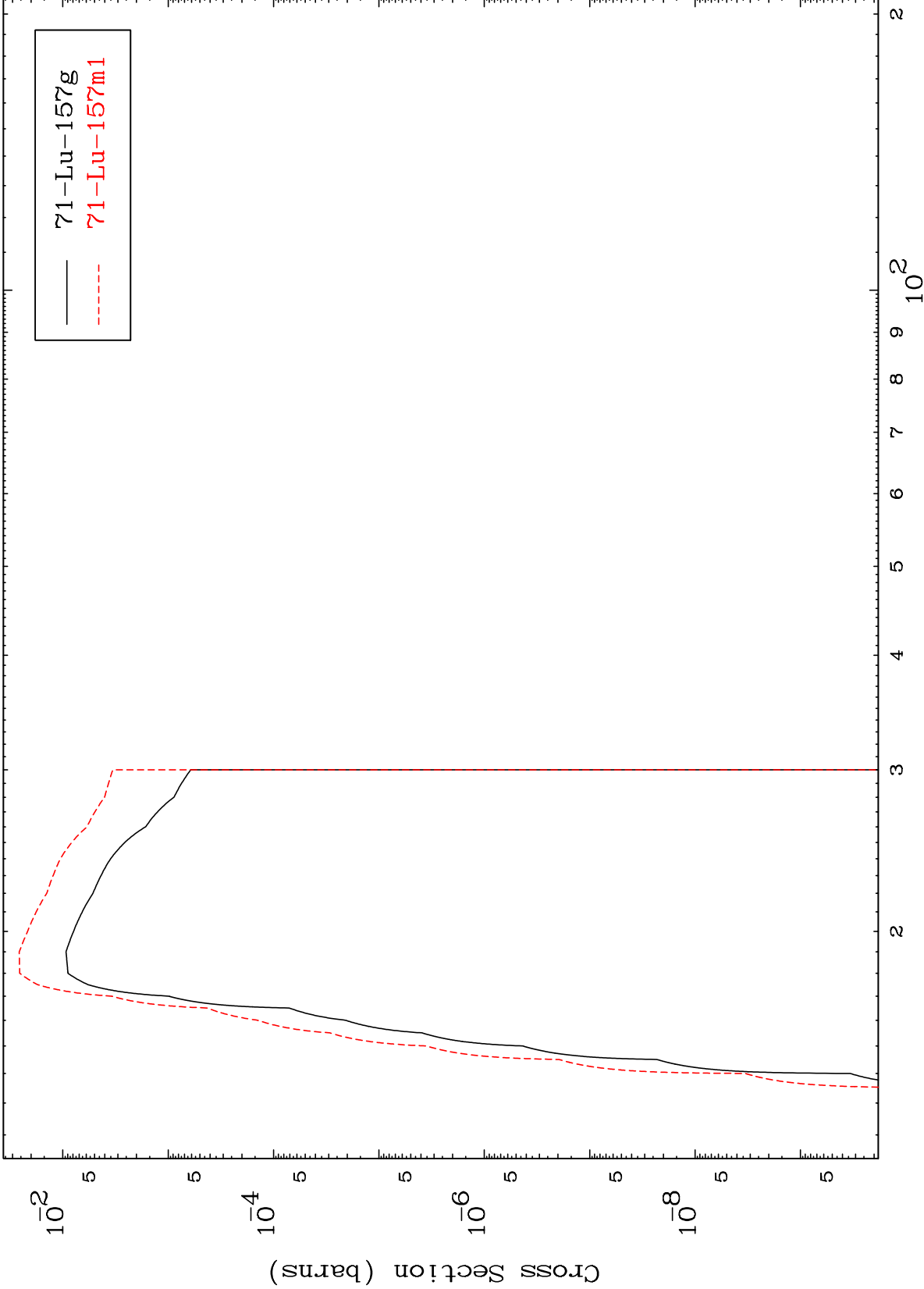
( $\gamma, \alpha$ ) Levels

72-Hf-159



10

Radionuclide Production Cross Section

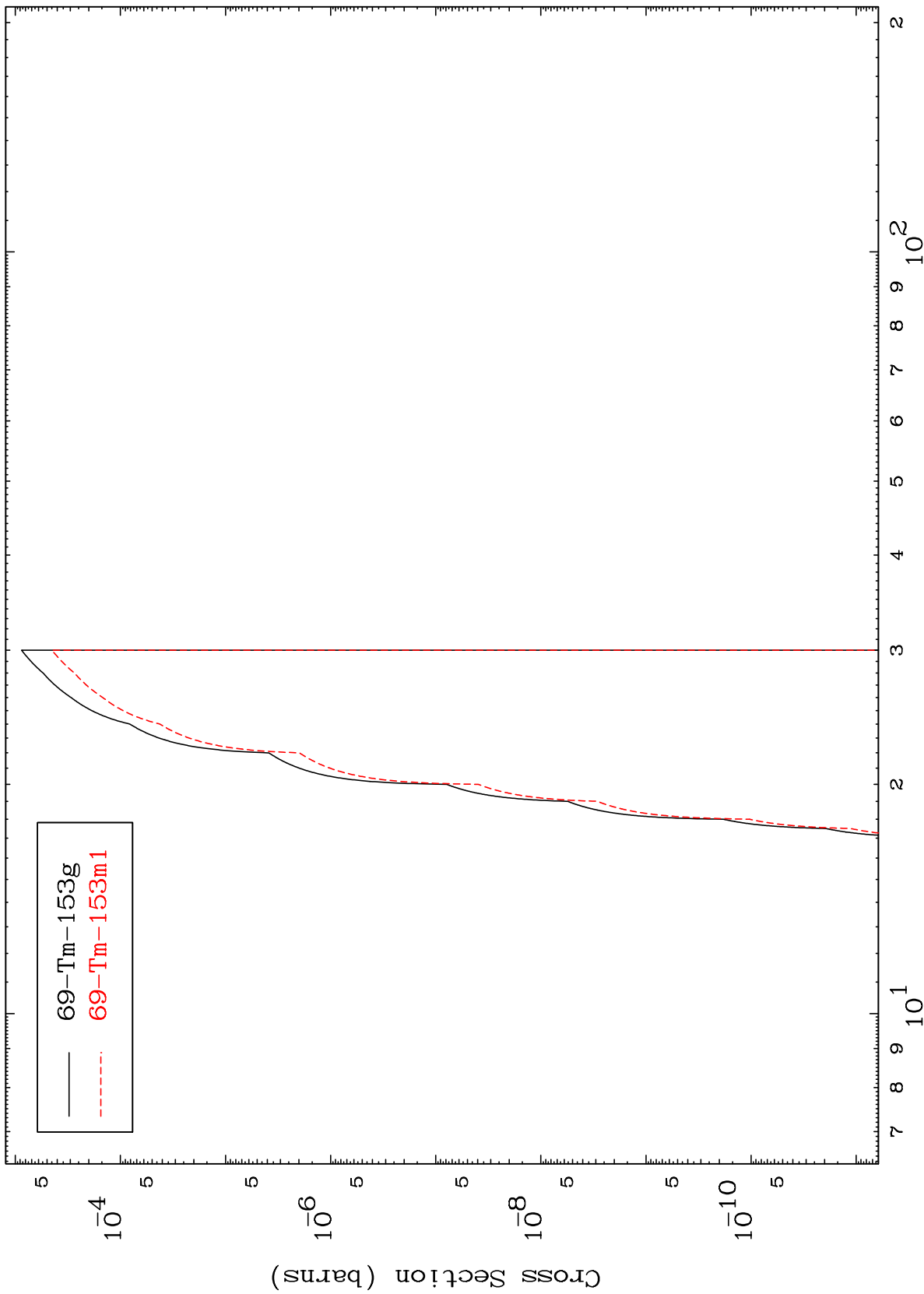


MAT 7180

(n,n') p  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



12

Incident Energy (MeV)

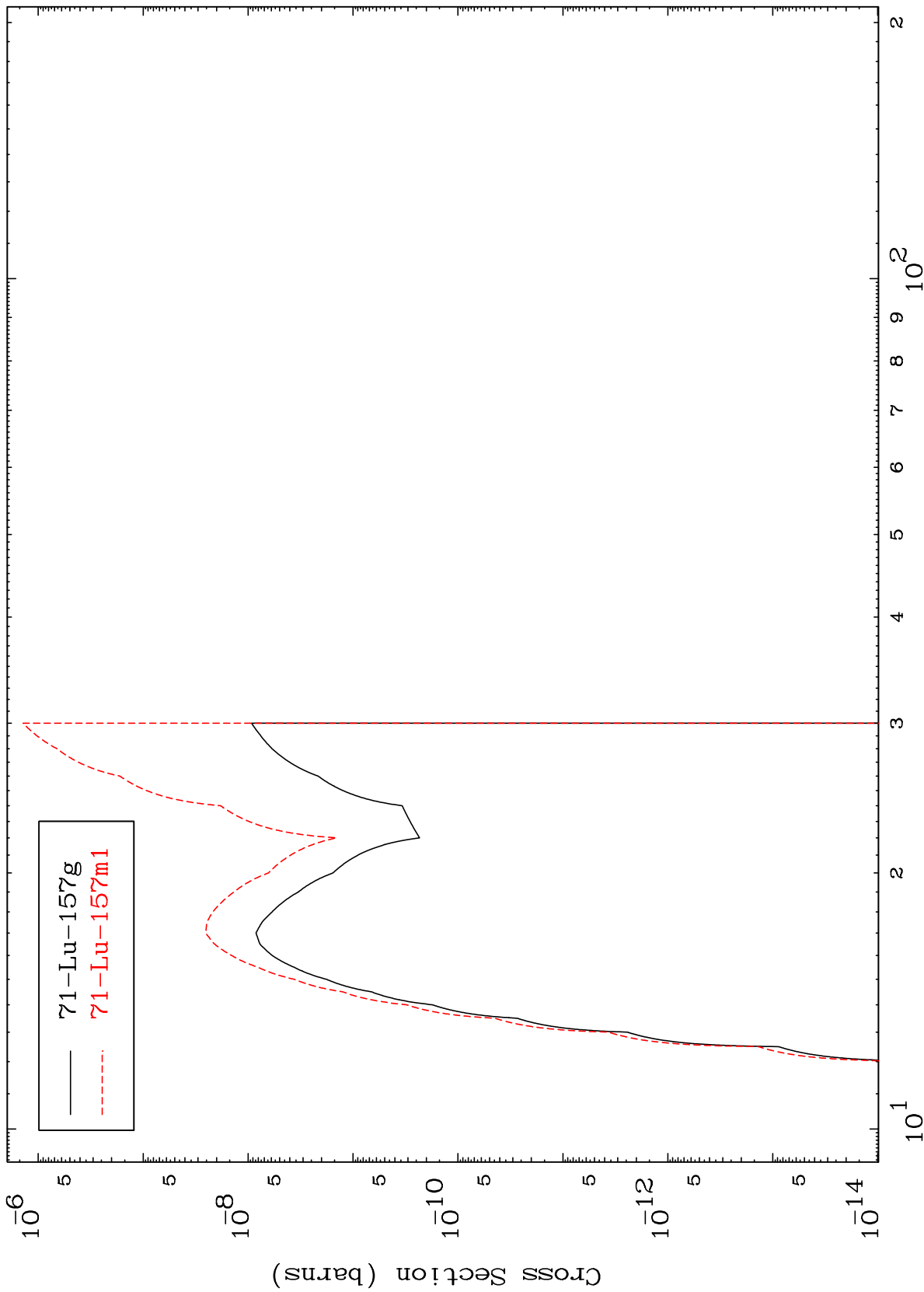
72-Hf-159

MAT 7180

(n,d)

72-Hf-159

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-159

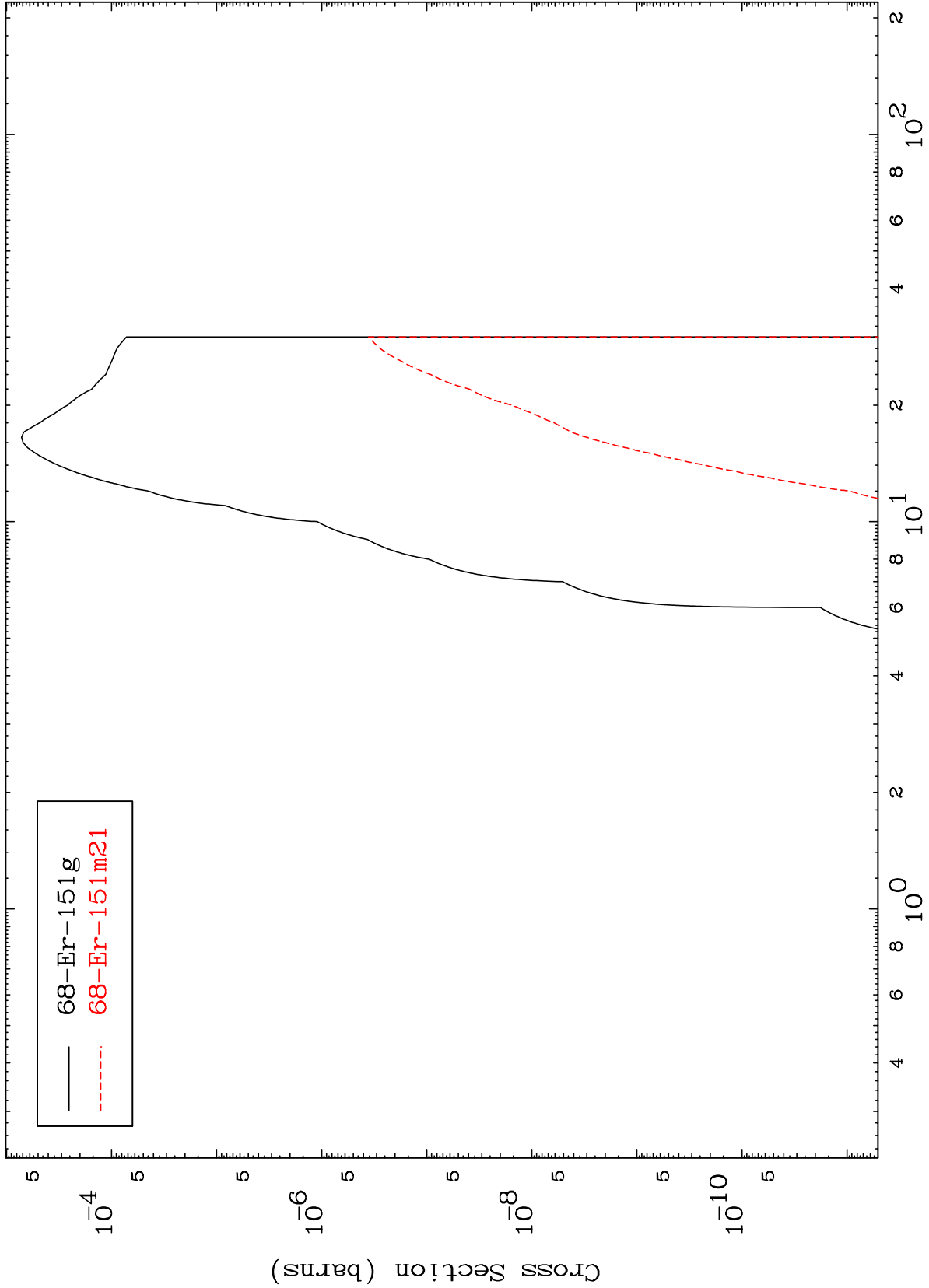
13

MAT 7180

(n,2α)

72-Hf-159

Radionuclide Production Cross Section



14

Incident Energy (MeV)

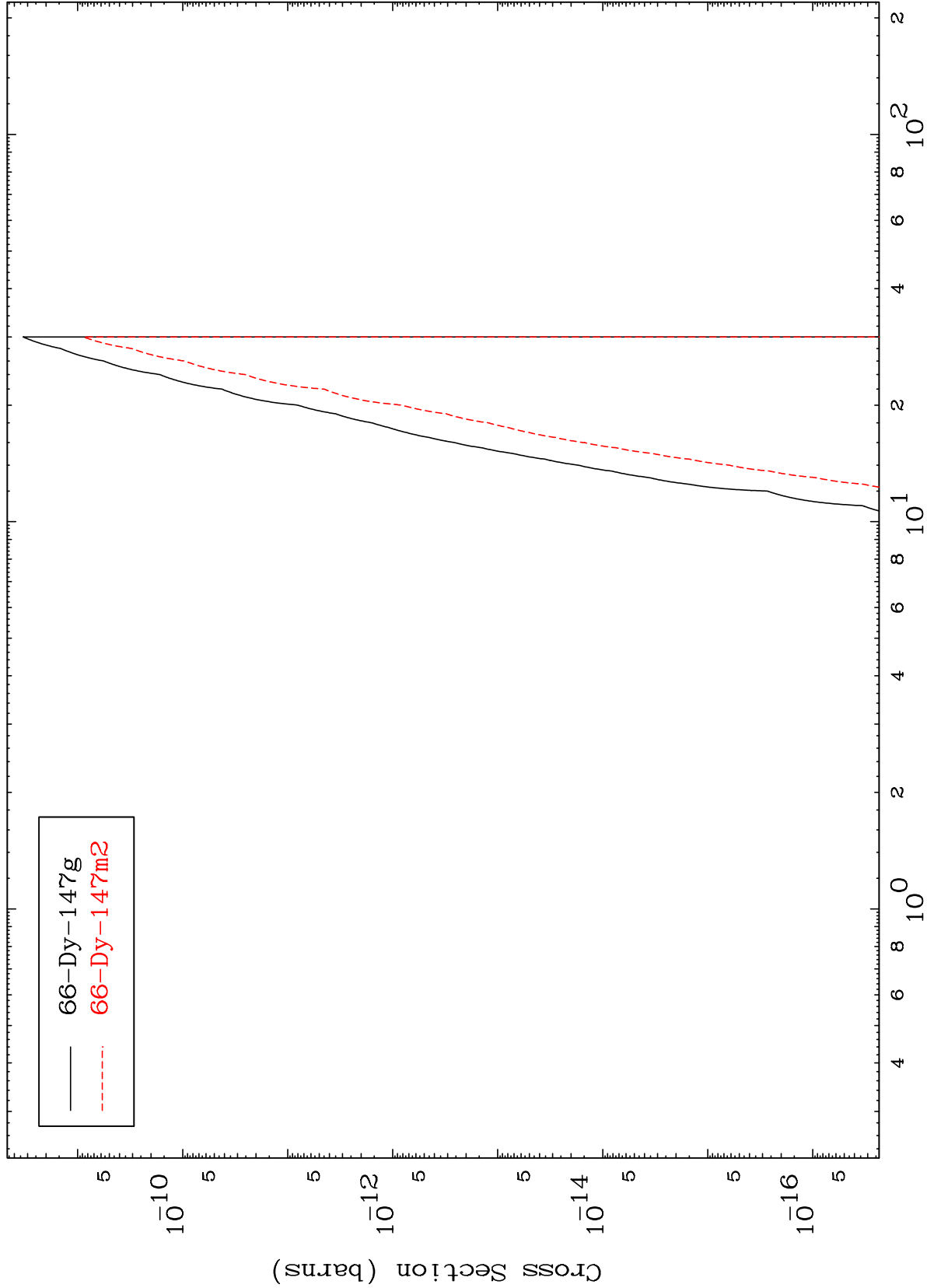
72-Hf-159

MAT 7180

(n, 3α)

72-Hf-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

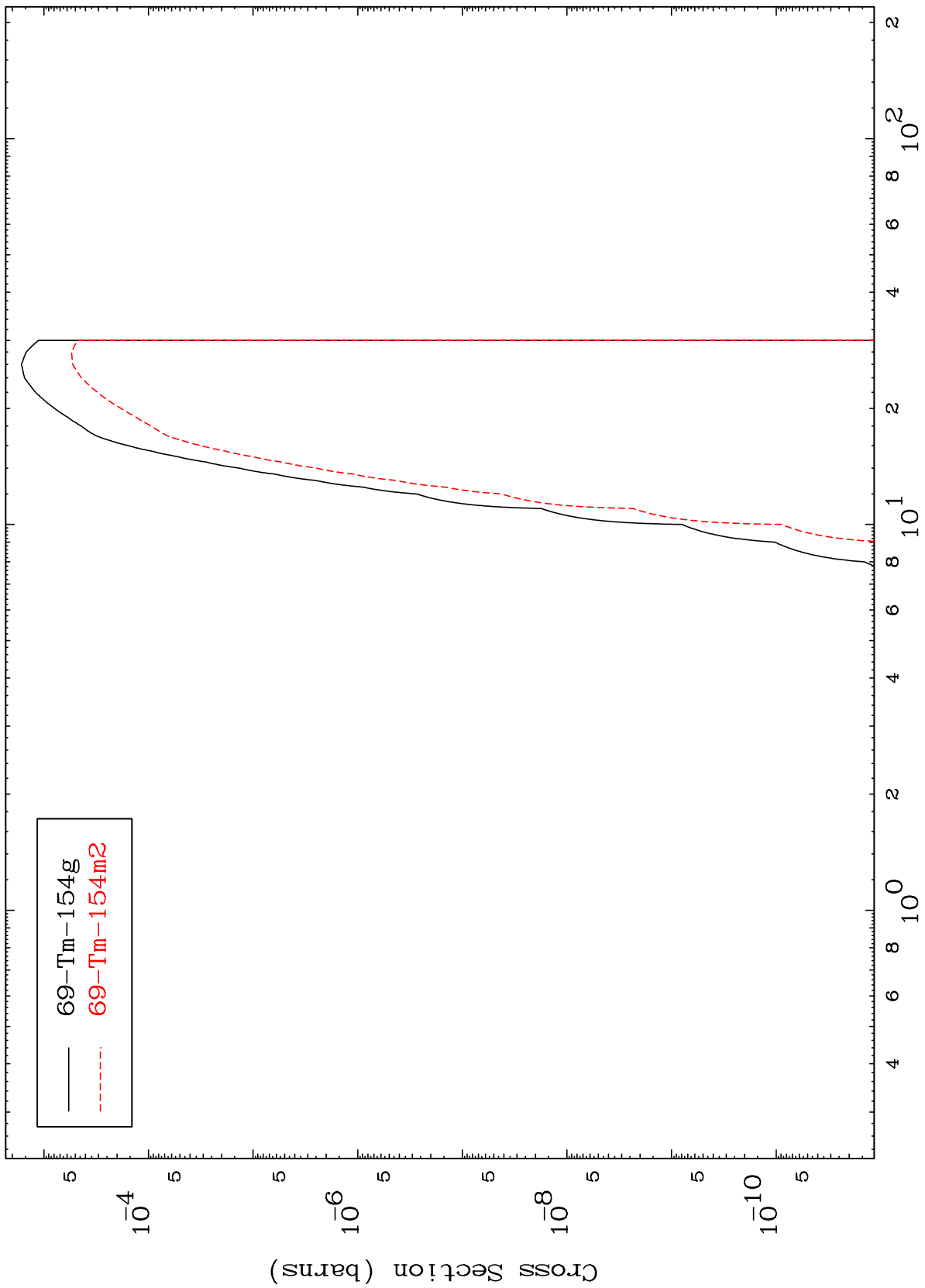
72-Hf-159

MAT 7180

(n,p)  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



16

Incident Energy (MeV)

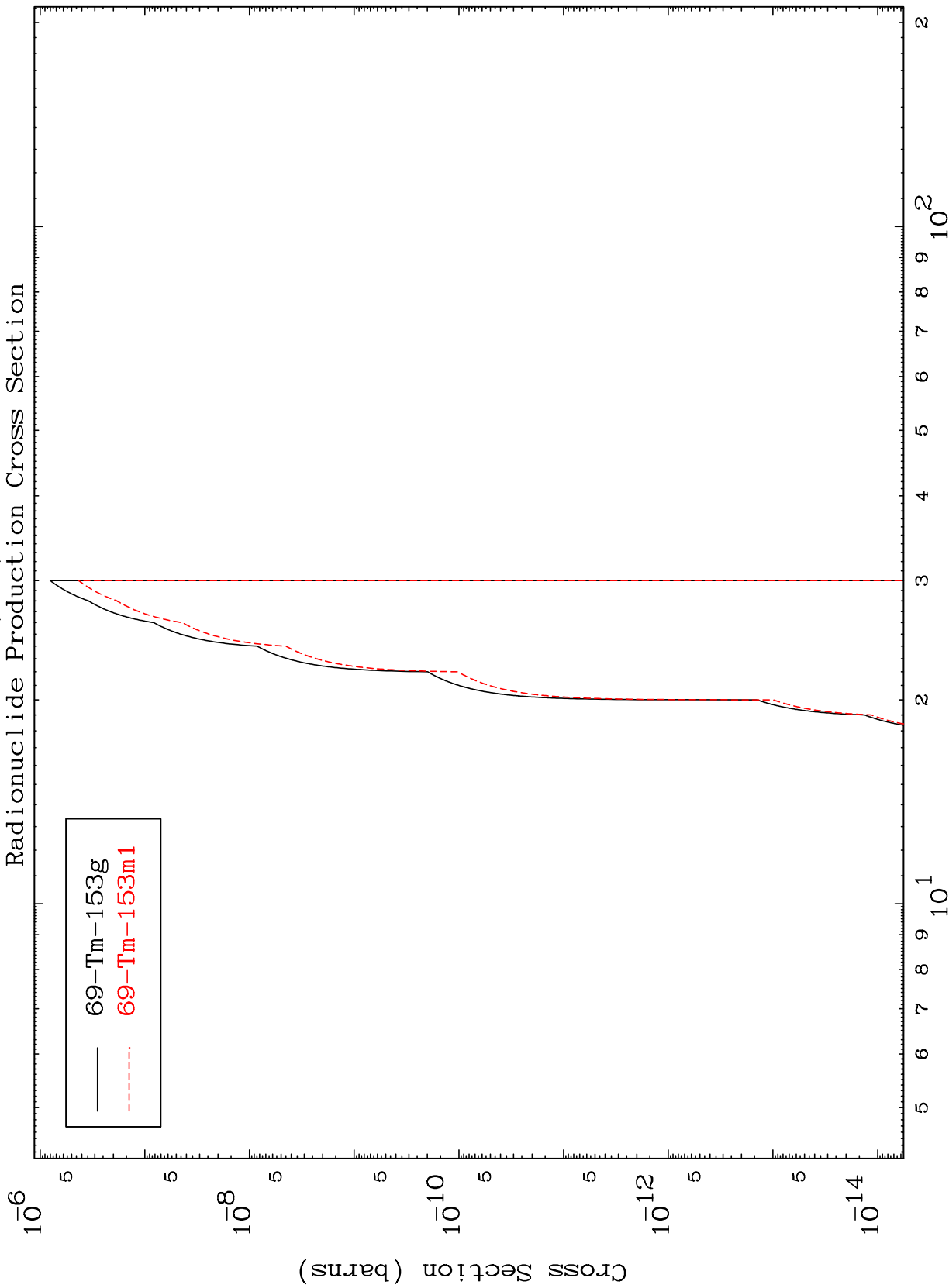
72-Hf-159

MAT 7180

(n,d)  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



69-Tm-153g  
69-Tm-153m1

17

Incident Energy (MeV)

72-Hf-159