

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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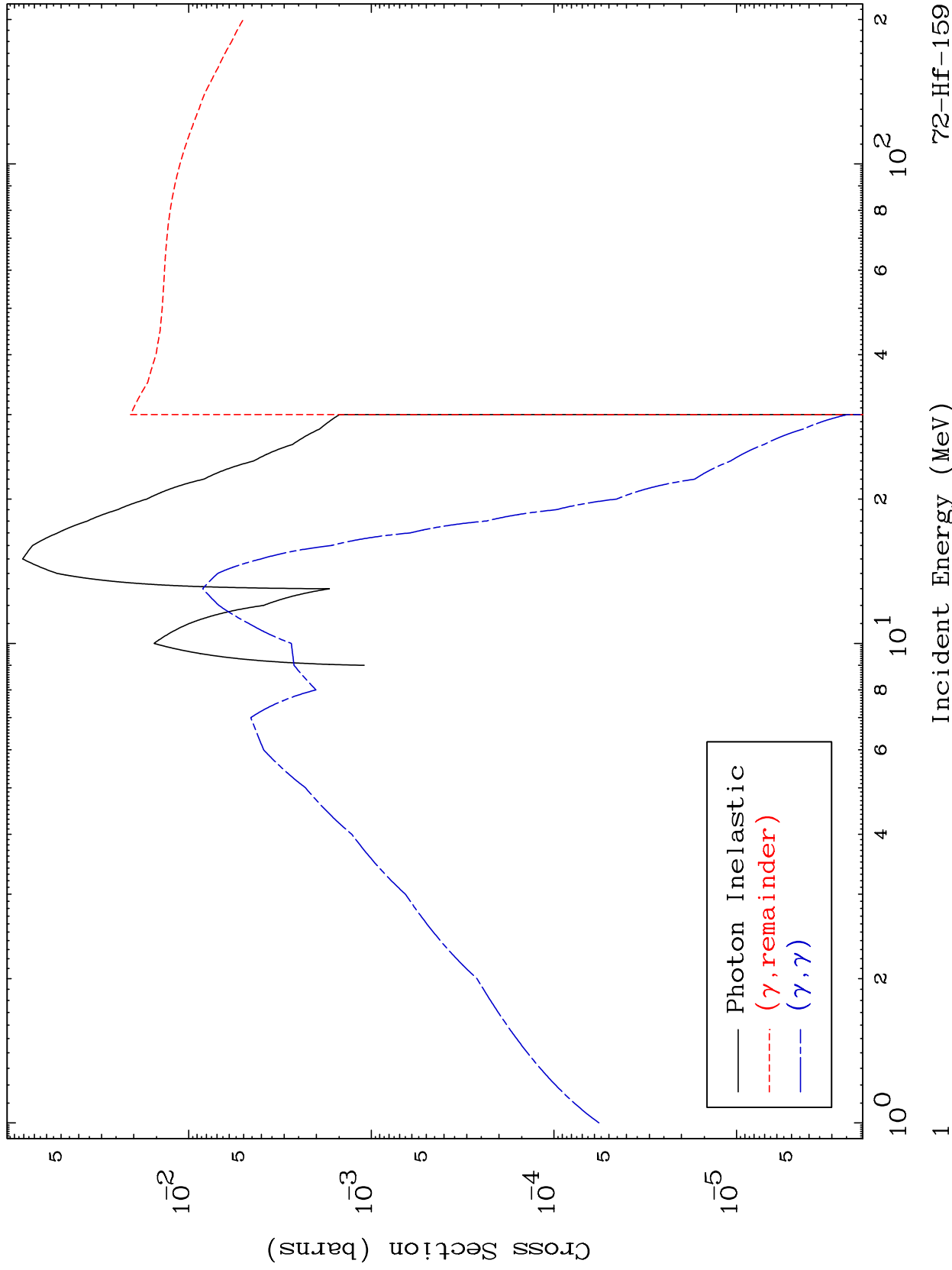
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

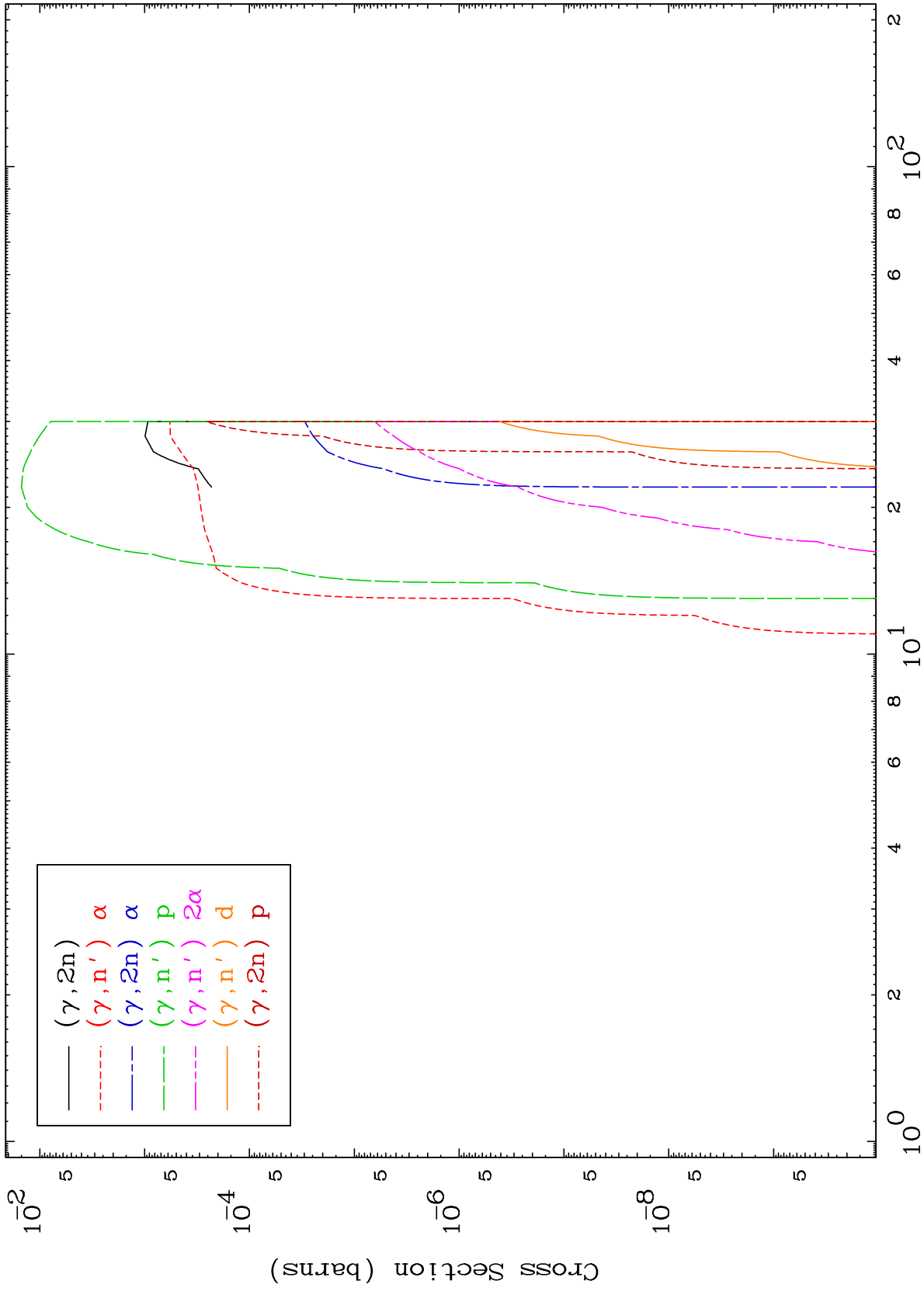
Press Mouse Button to Start

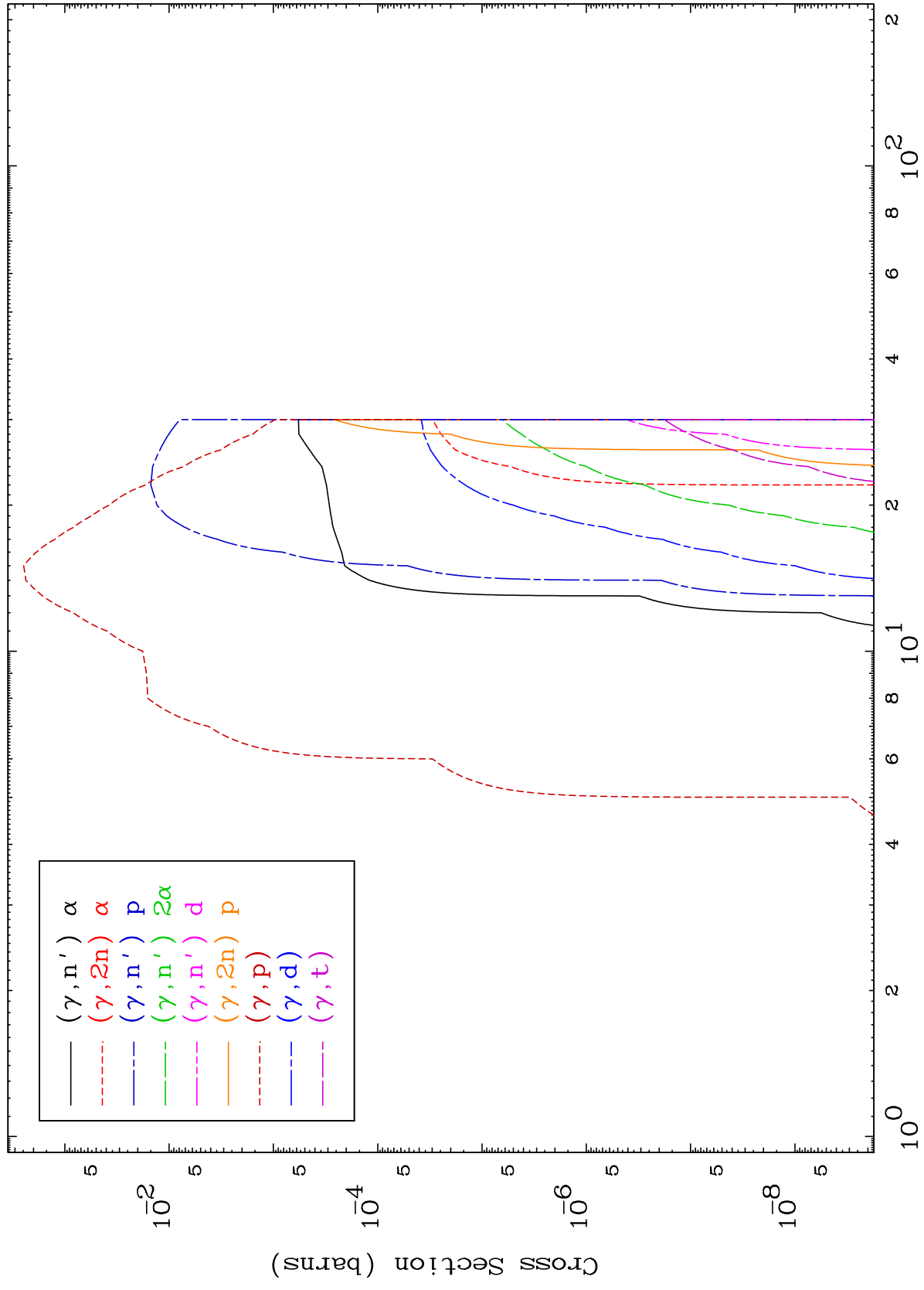
MAT 7180

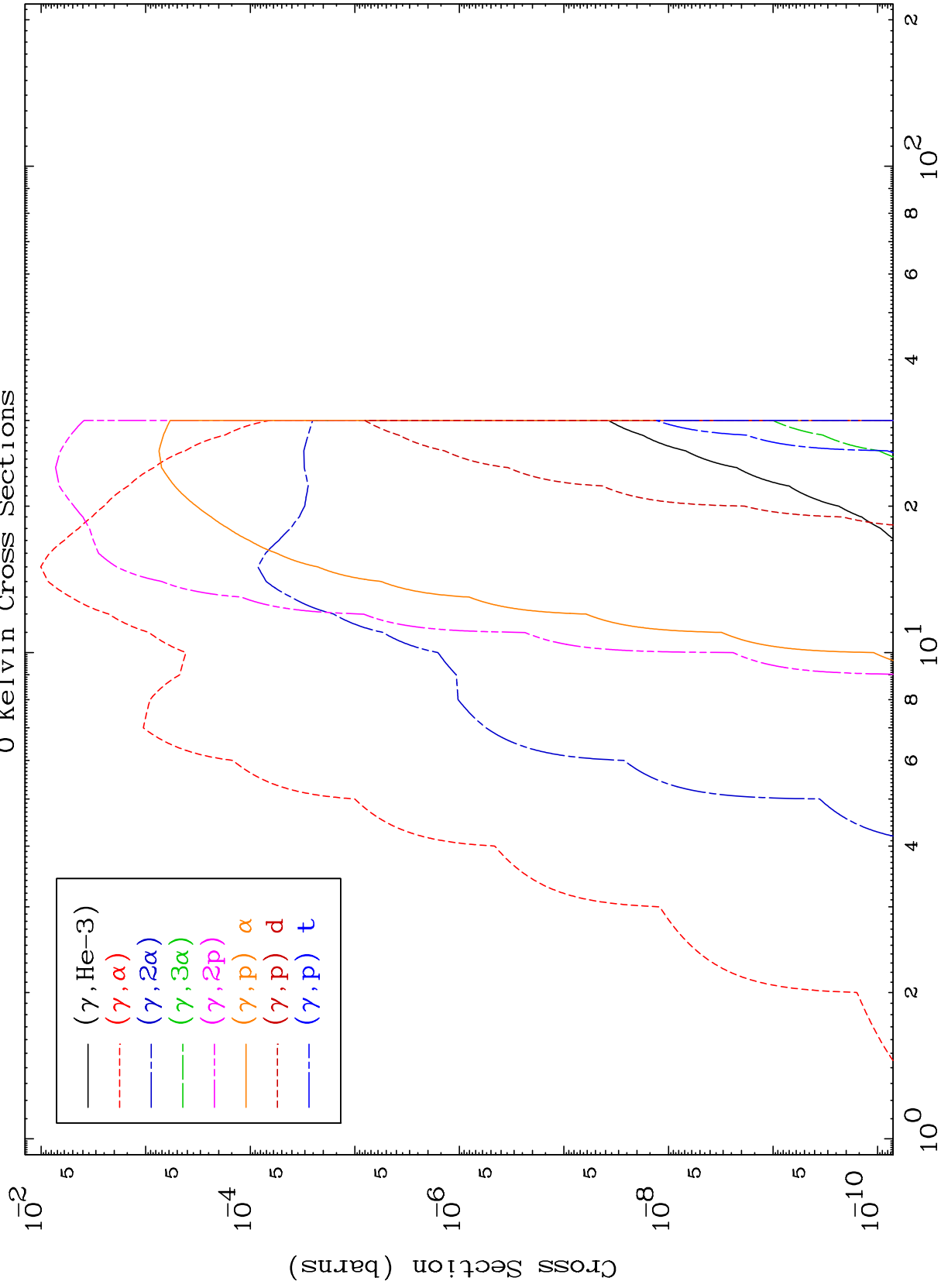
Photon Major  
0 Kelvin Cross Sections

72-Hf-159







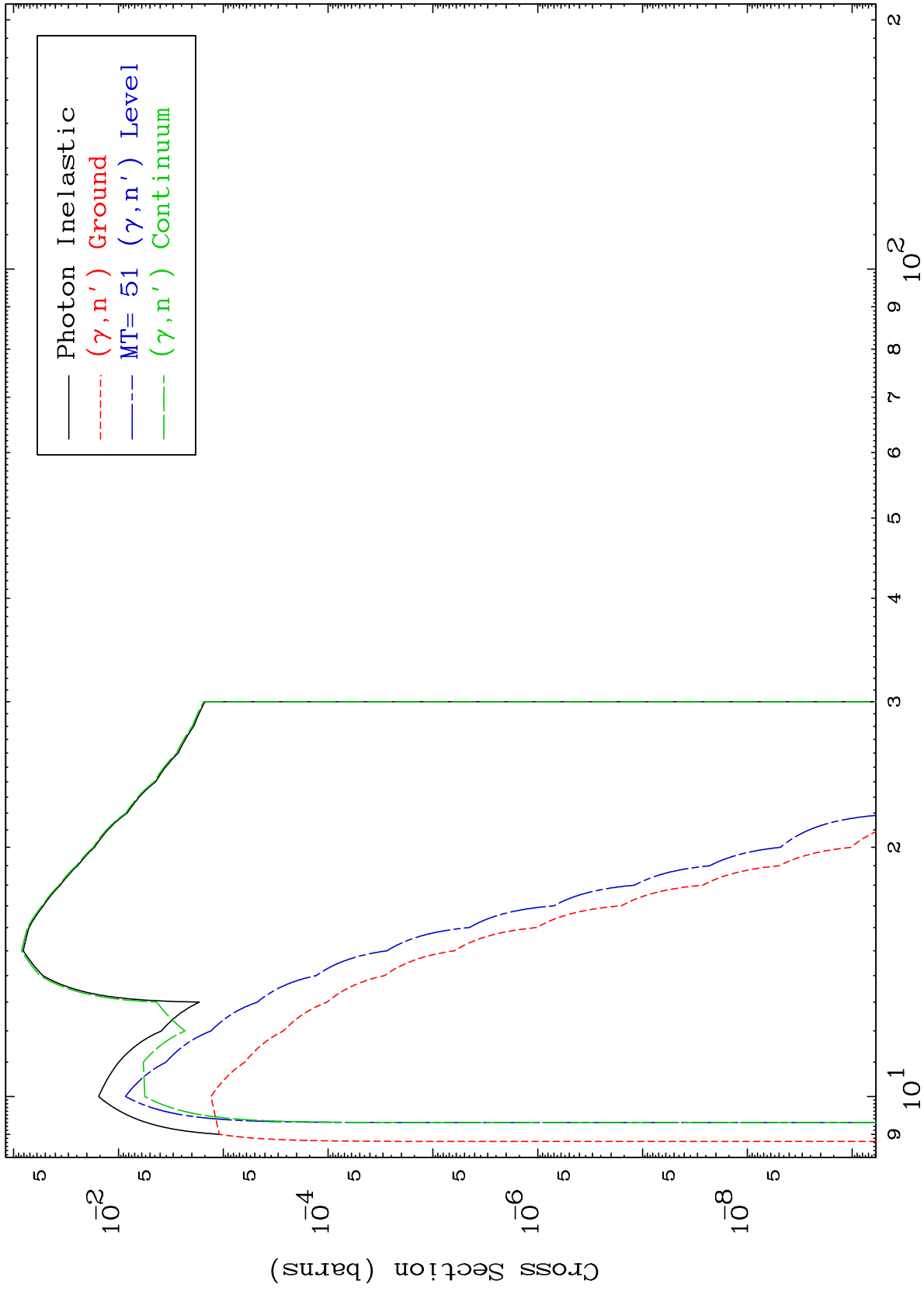


MAT 7180

$(\gamma, n')$  Level

72-Hf-159

0 Kelvin Cross Sections



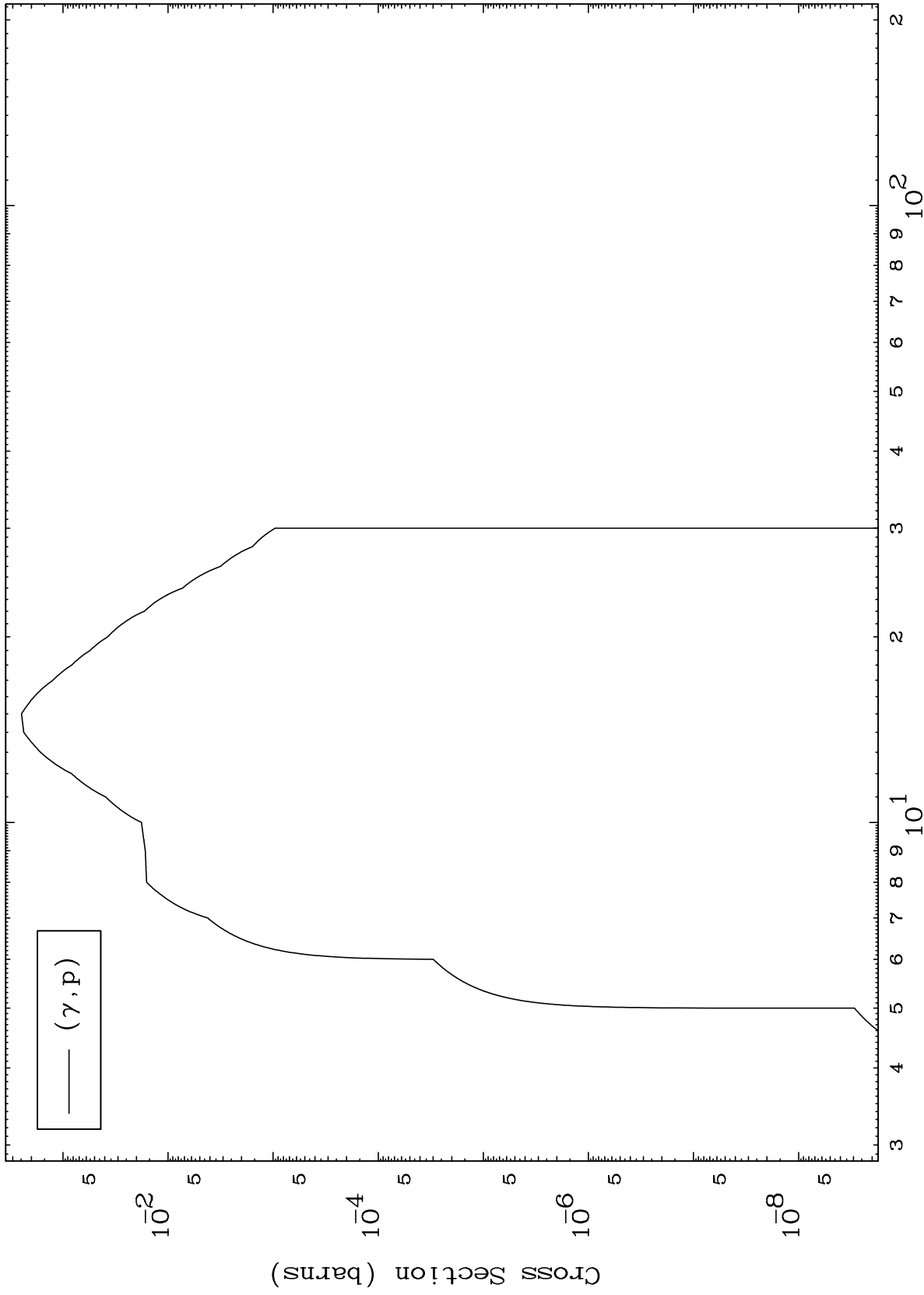
Incident Energy (MeV)

72-Hf-159

MAT 7180

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

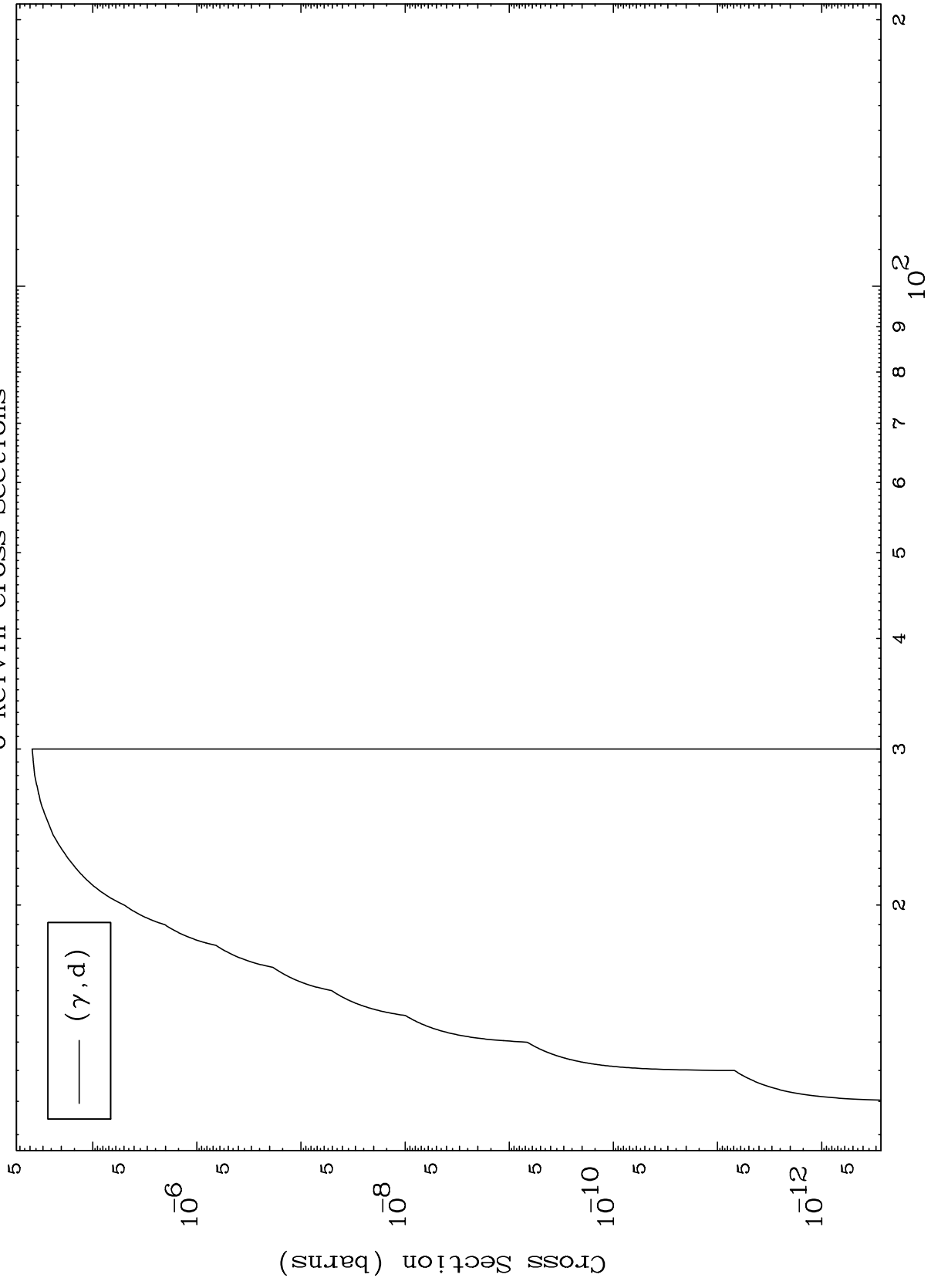
72-Hf-159



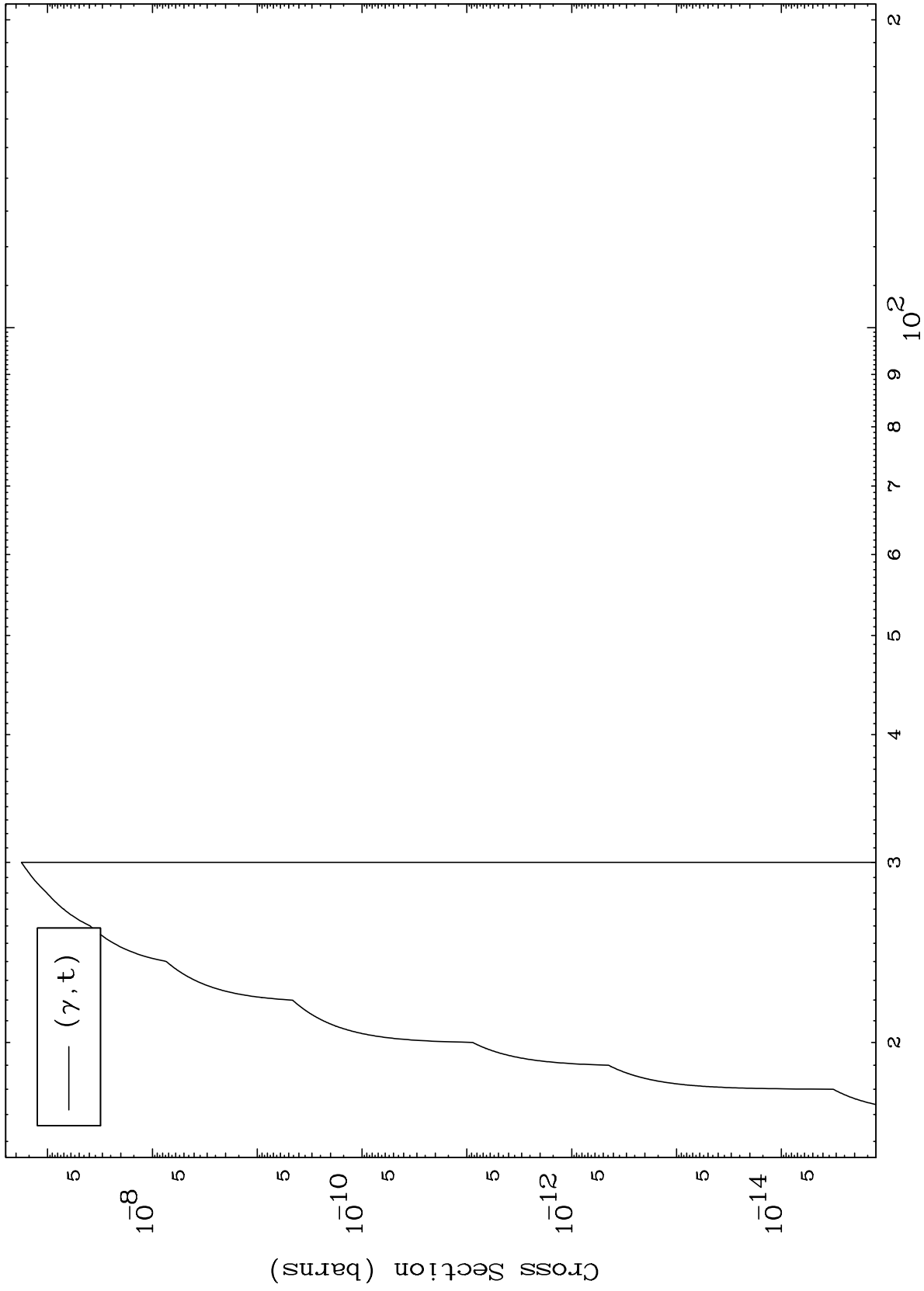
6

Incident Energy (MeV)

72-Hf-159



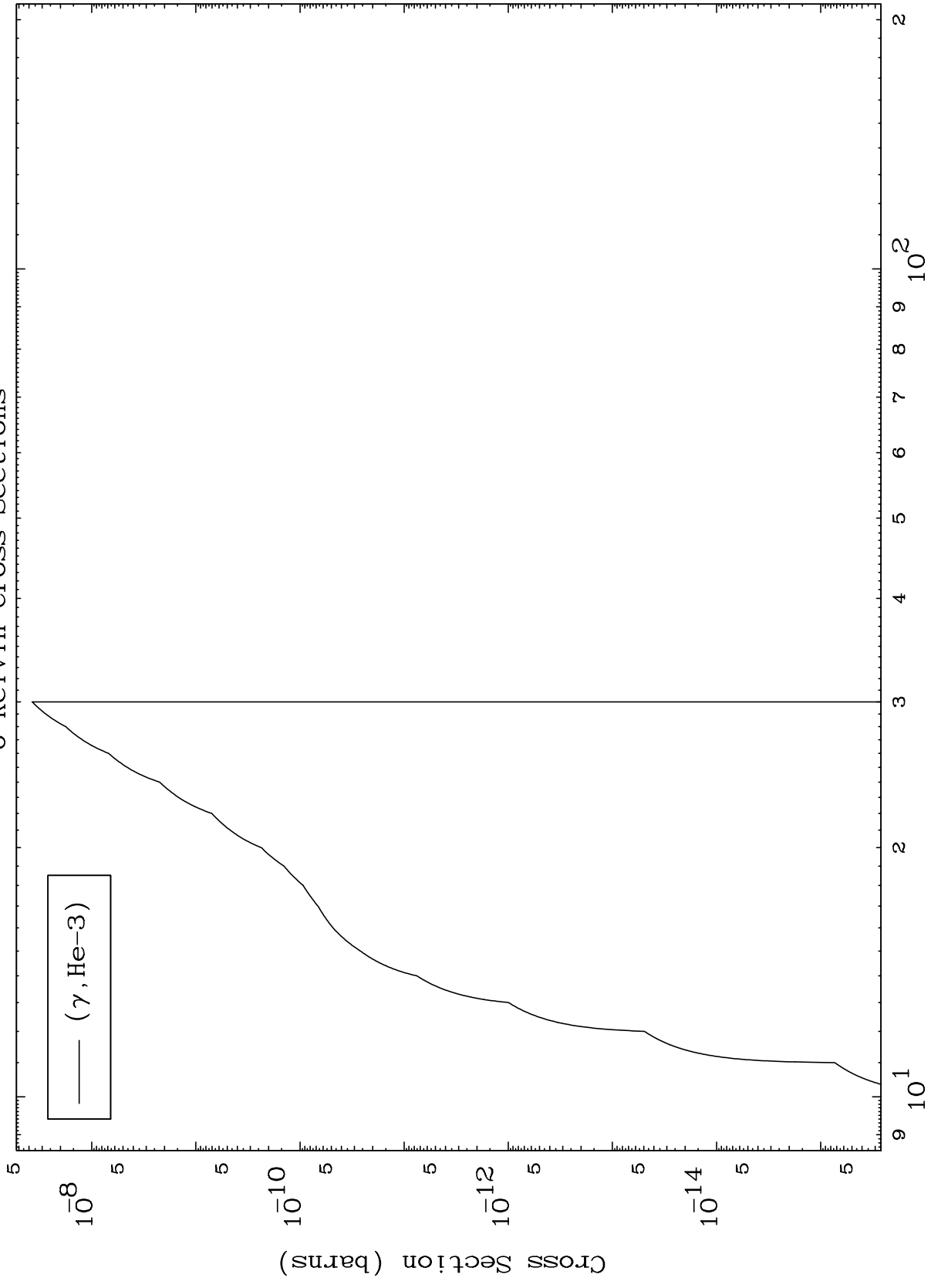




MAT 7180

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

72-Hf-159



9

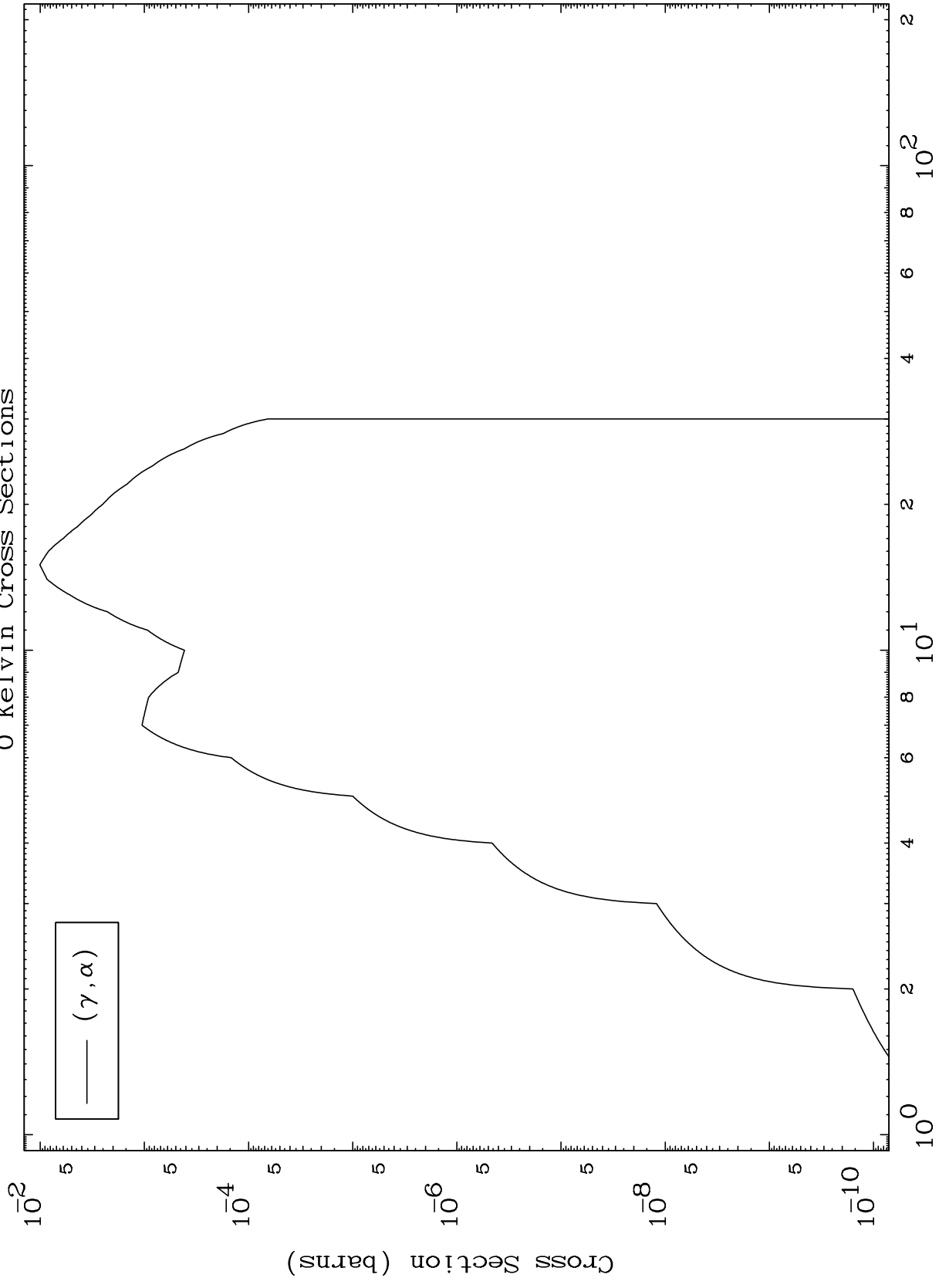
Incident Energy (MeV)

72-Hf-159

MAT 7180

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

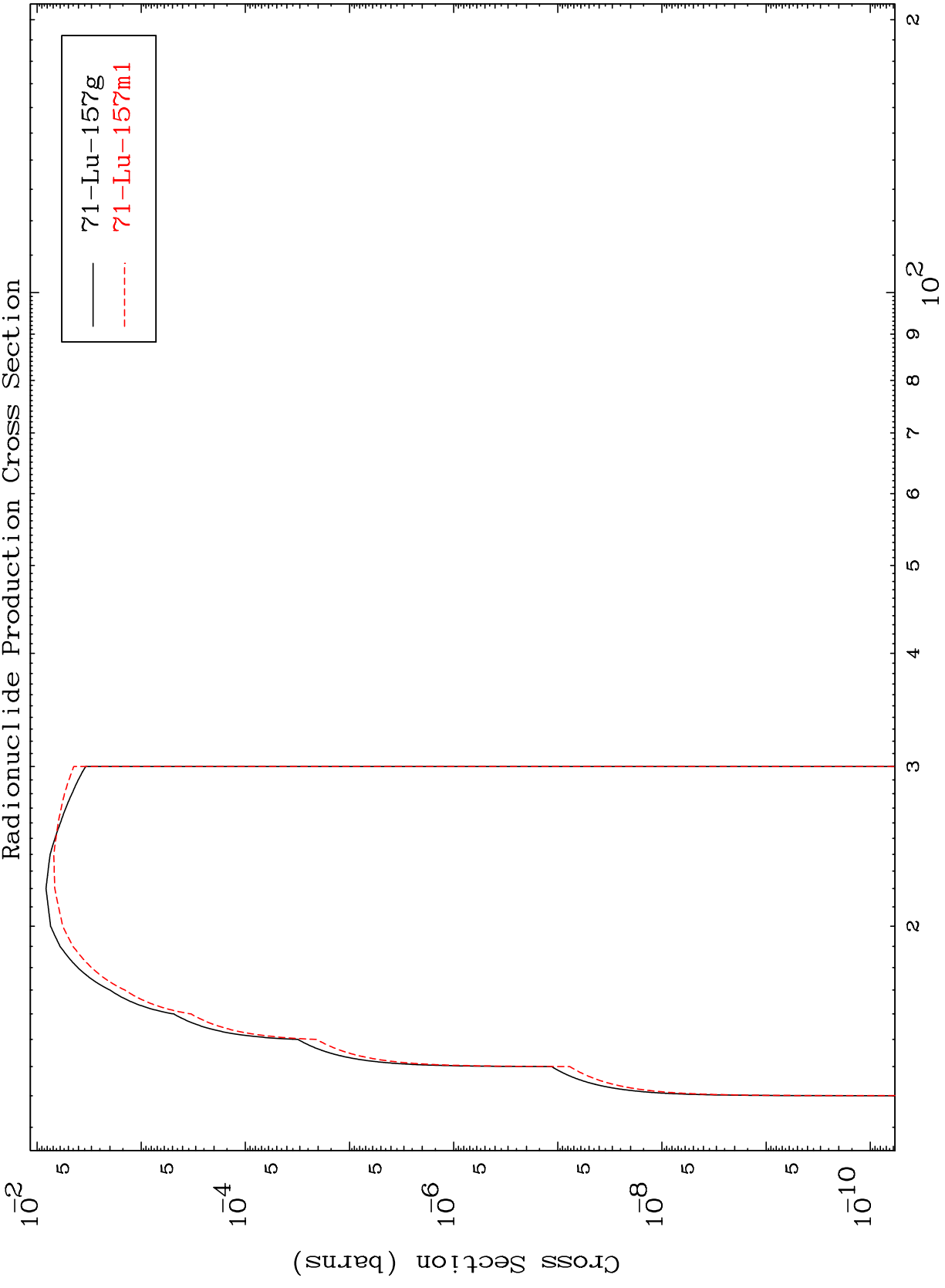
72-Hf-159



Incident Energy (MeV)

72-Hf-159

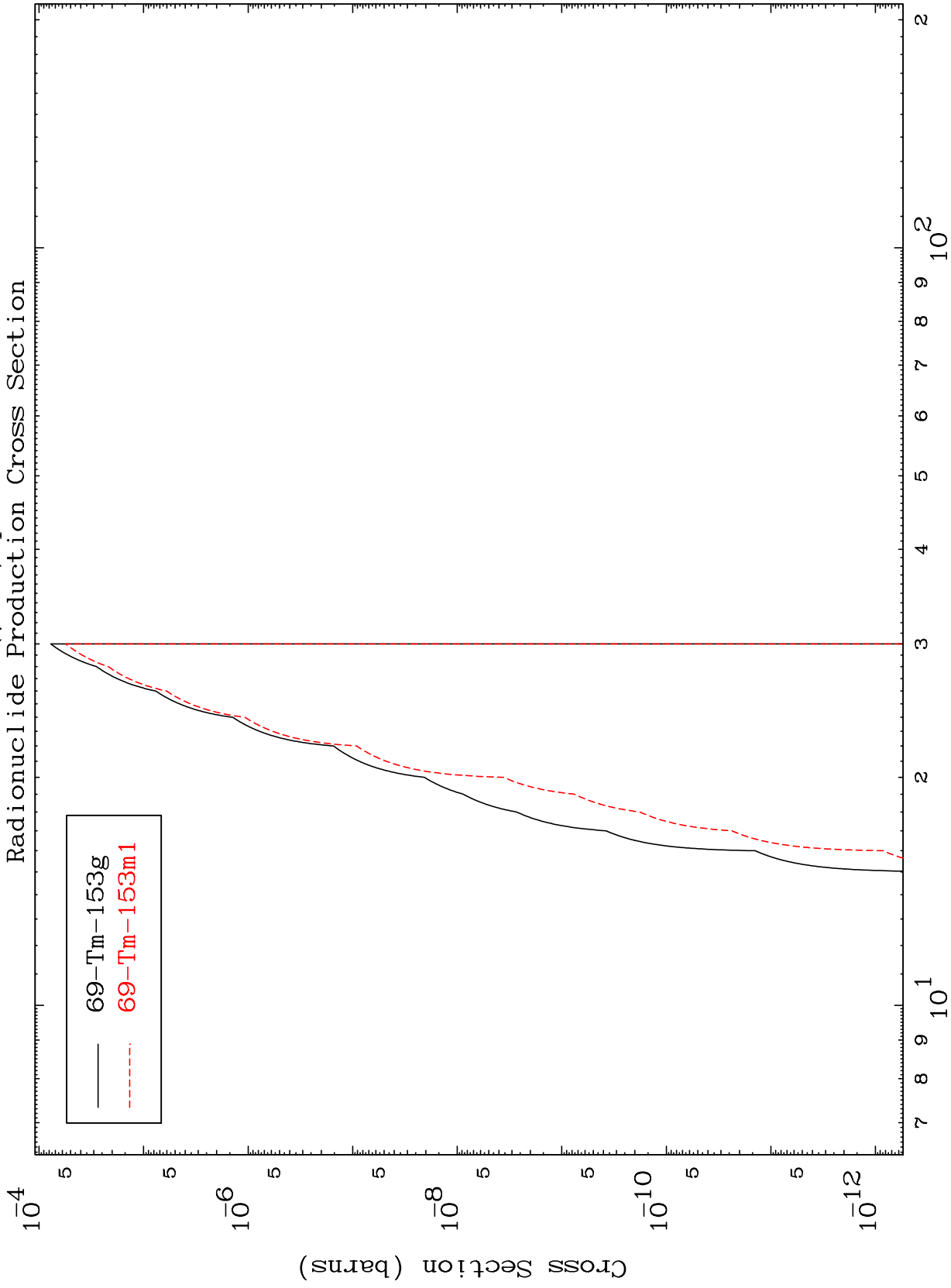
$(\gamma, n')$  p  
Radionuclide Production Cross Section



MAT 7180

72-Hf-159

$(\gamma, n') p \alpha$   
Radionuclide Production Cross Section



12

Incident Energy (MeV)

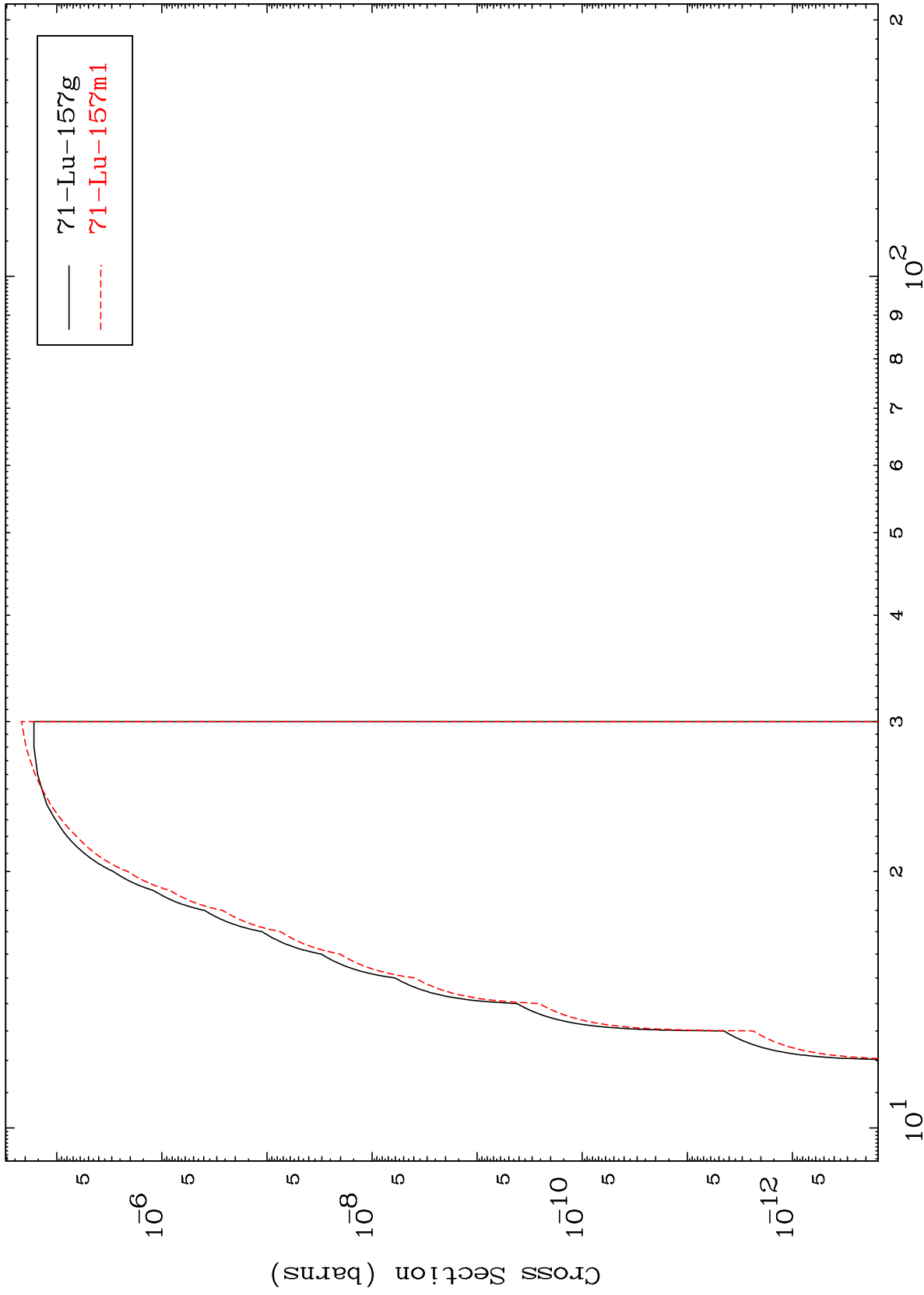
72-Hf-159

MAT 7180

( $\gamma, d$ )

72-Hf-159

Radionuclide Production Cross Section



13

Incident Energy (MeV)

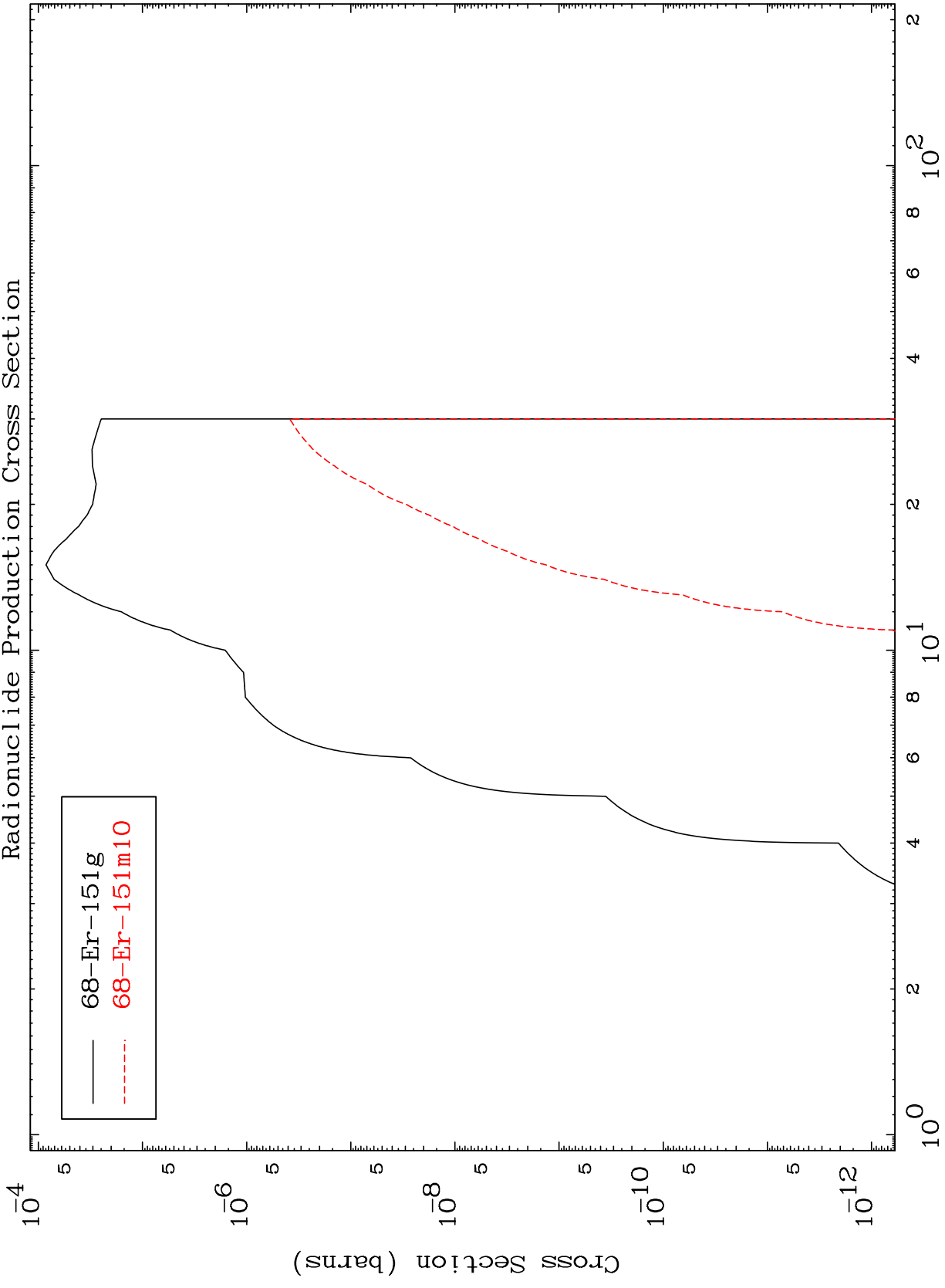
72-Hf-159

MAT 7180

72-Hf-159

Radionuclide Production Cross Section

( $\gamma, 2\alpha$ )



68-Er-151g  
68-Er-151m10

14

Incident Energy (MeV)

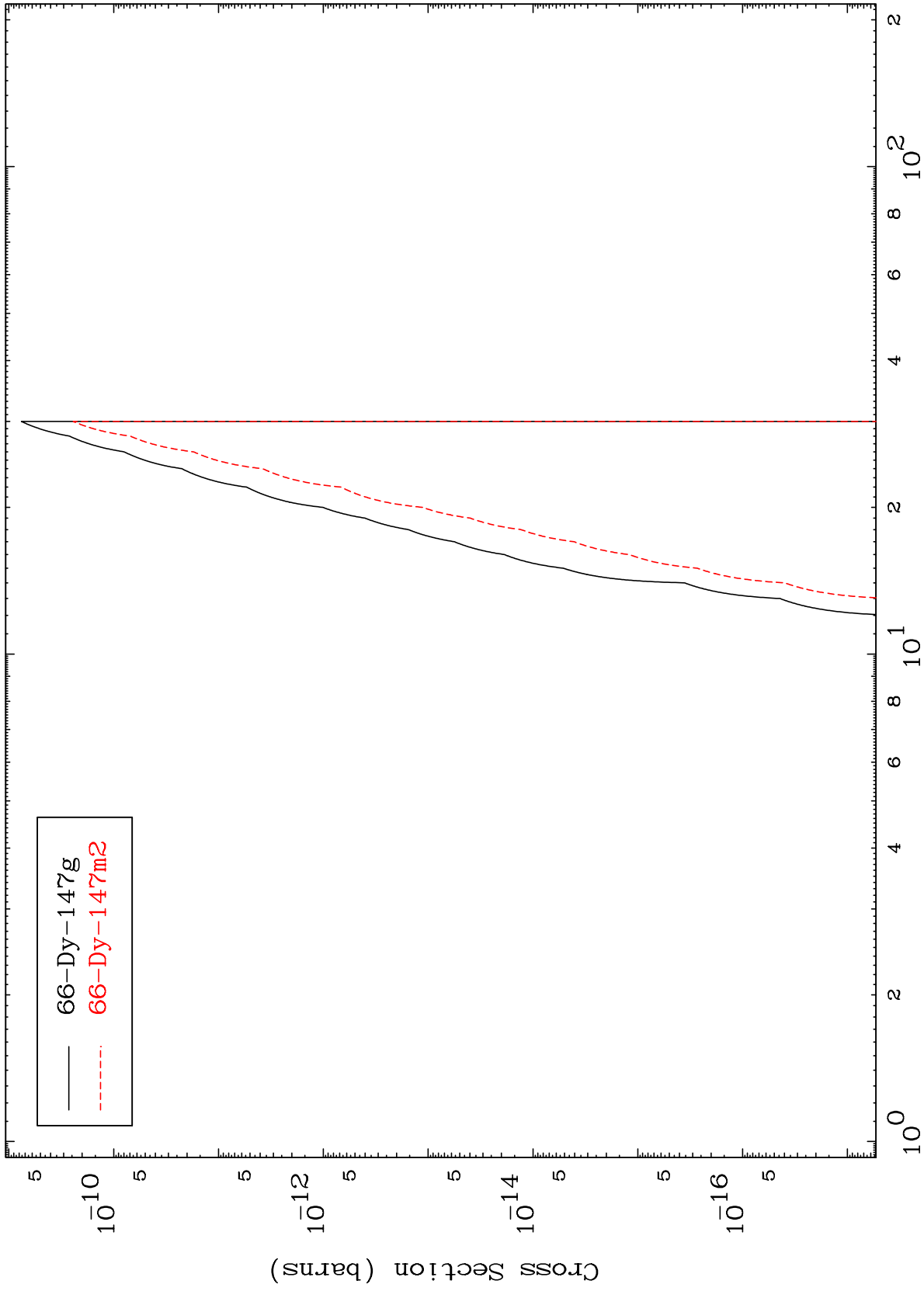
72-Hf-159

MAT 7180

( $\gamma, 3\alpha$ )

72-Hf-159

Radionuclide Production Cross Section



72-Hf-159

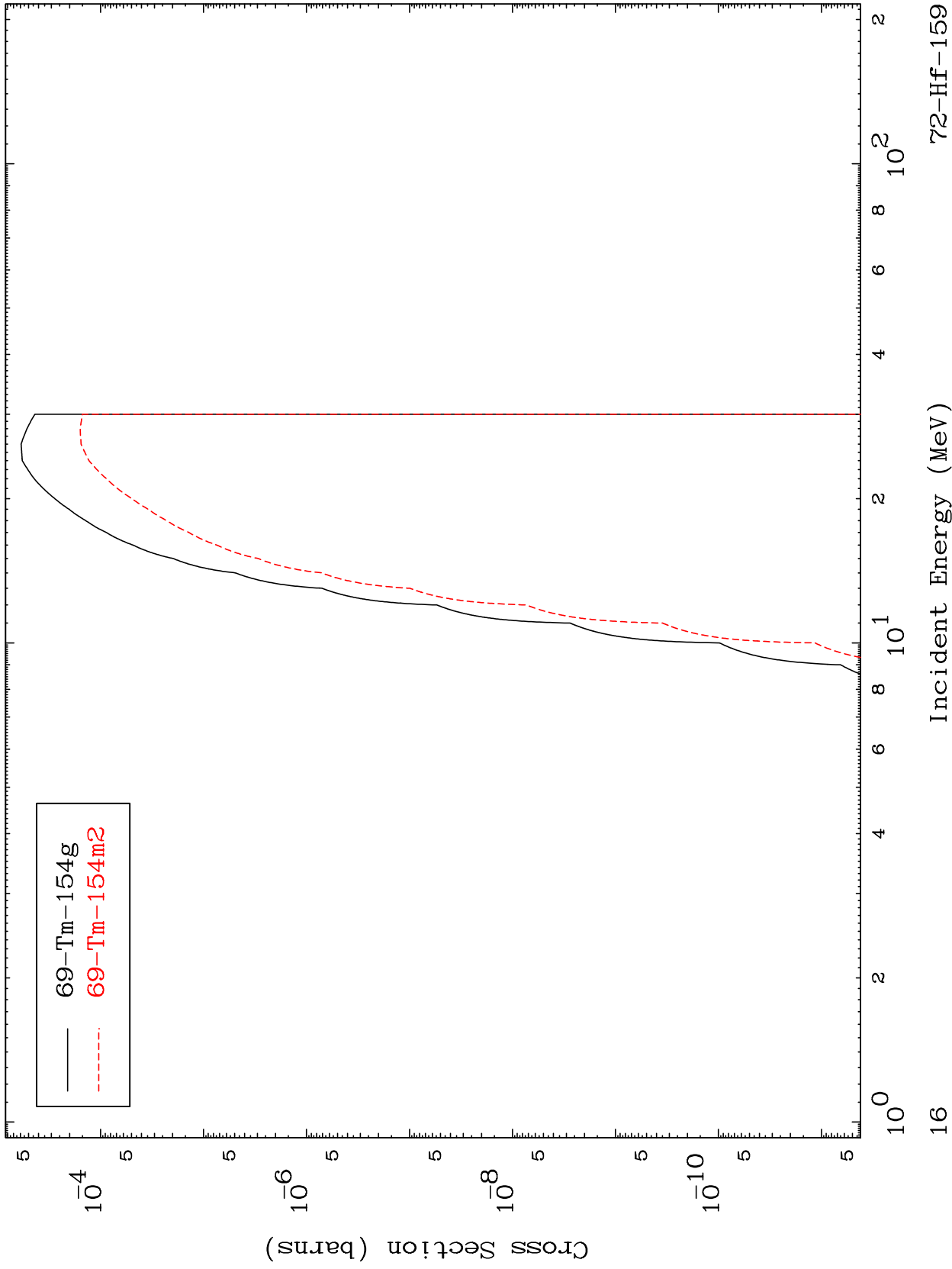


MAT 7180

( $\gamma, p$ )  $\alpha$

72-Hf-159

Radionuclide Production Cross Section

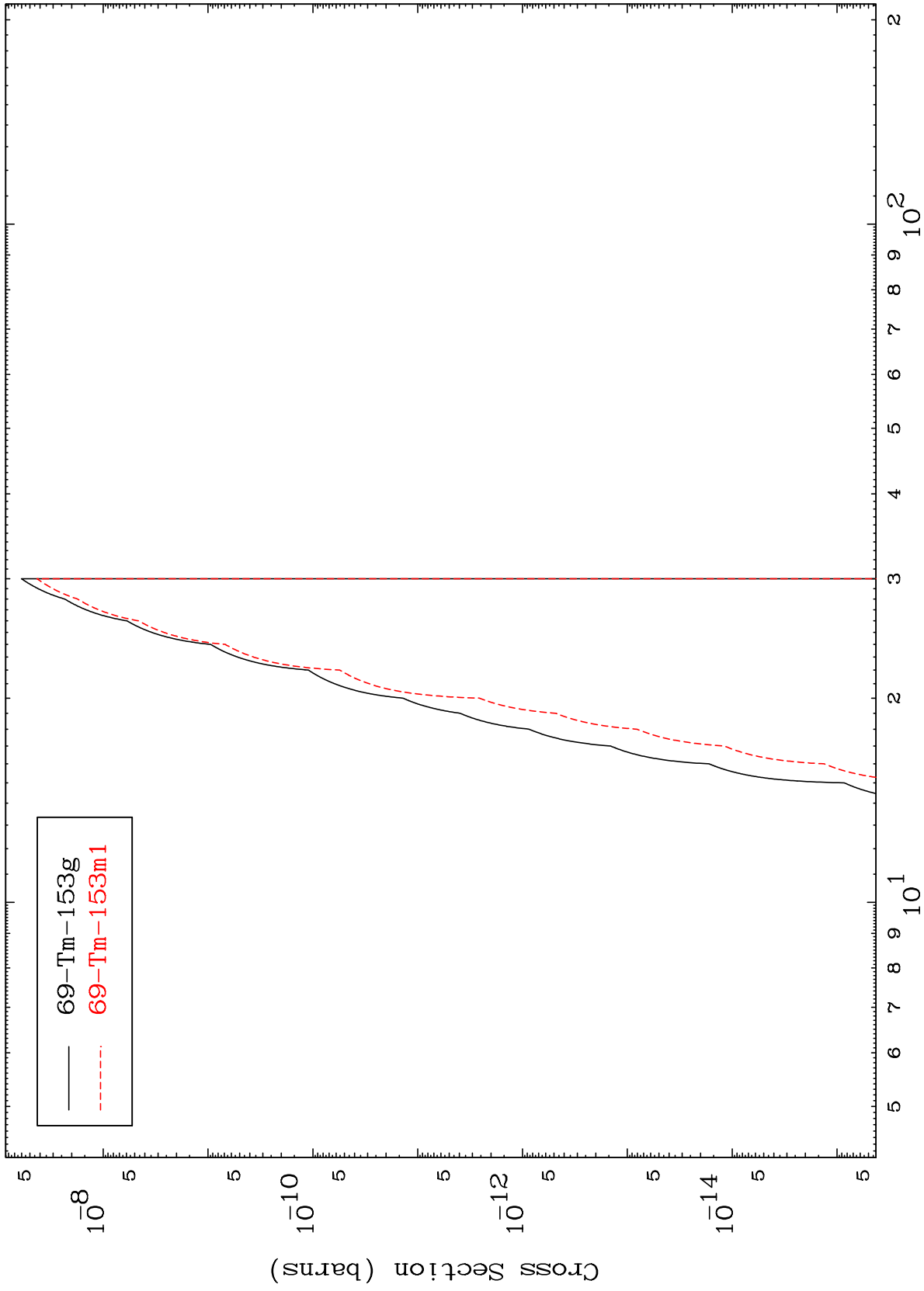


MAT 7180

( $\gamma, d$ )  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



17

Incident Energy (MeV)

72-Hf-159