

Program EVALPLOT  
(Version 2018-1)

by

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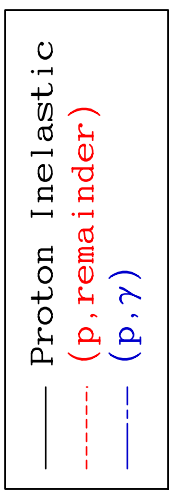
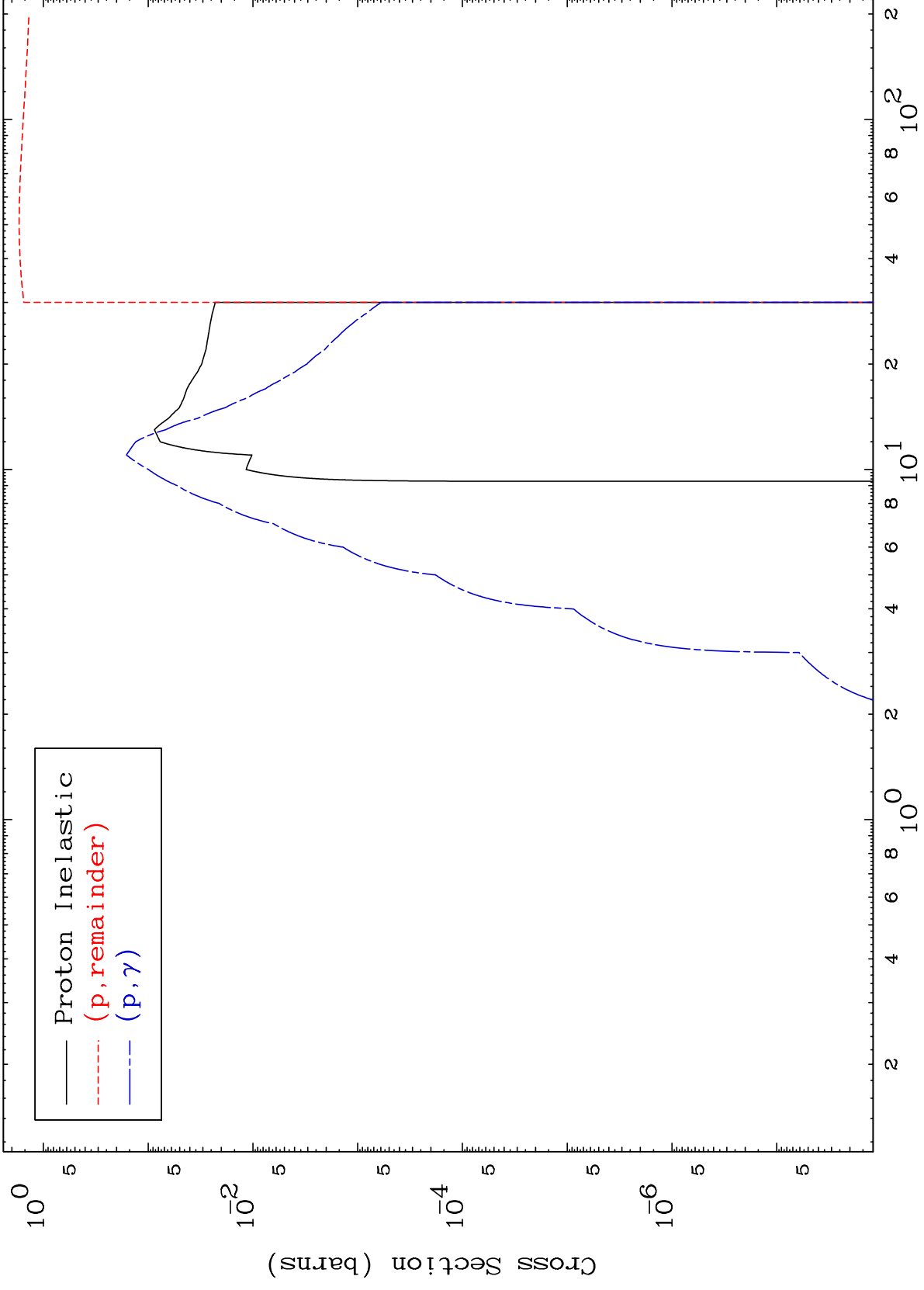
Press Mouse Button to Start

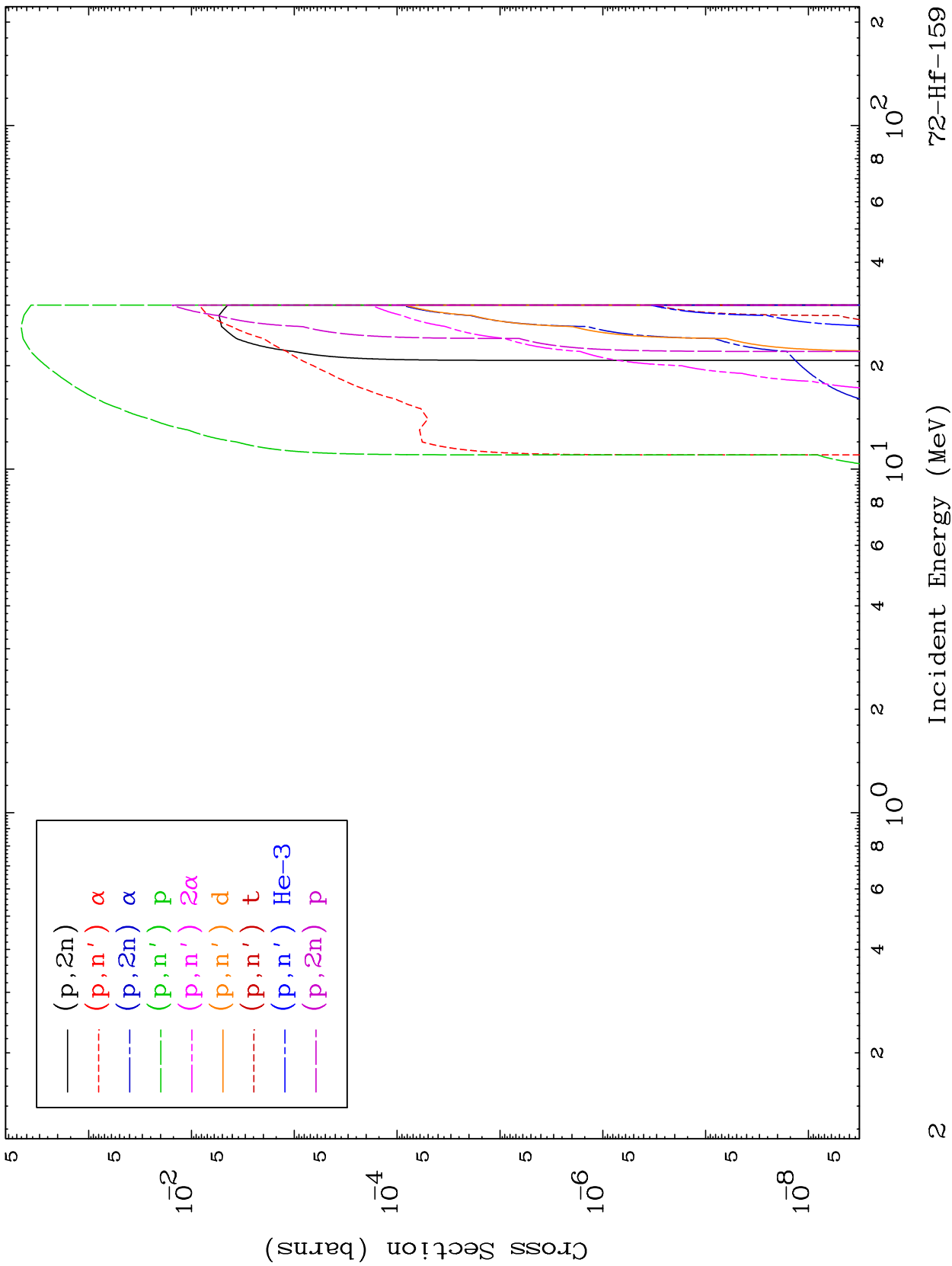
MAT 7180

Proton Major

72-Hf-159

0 Kelvin Cross Sections

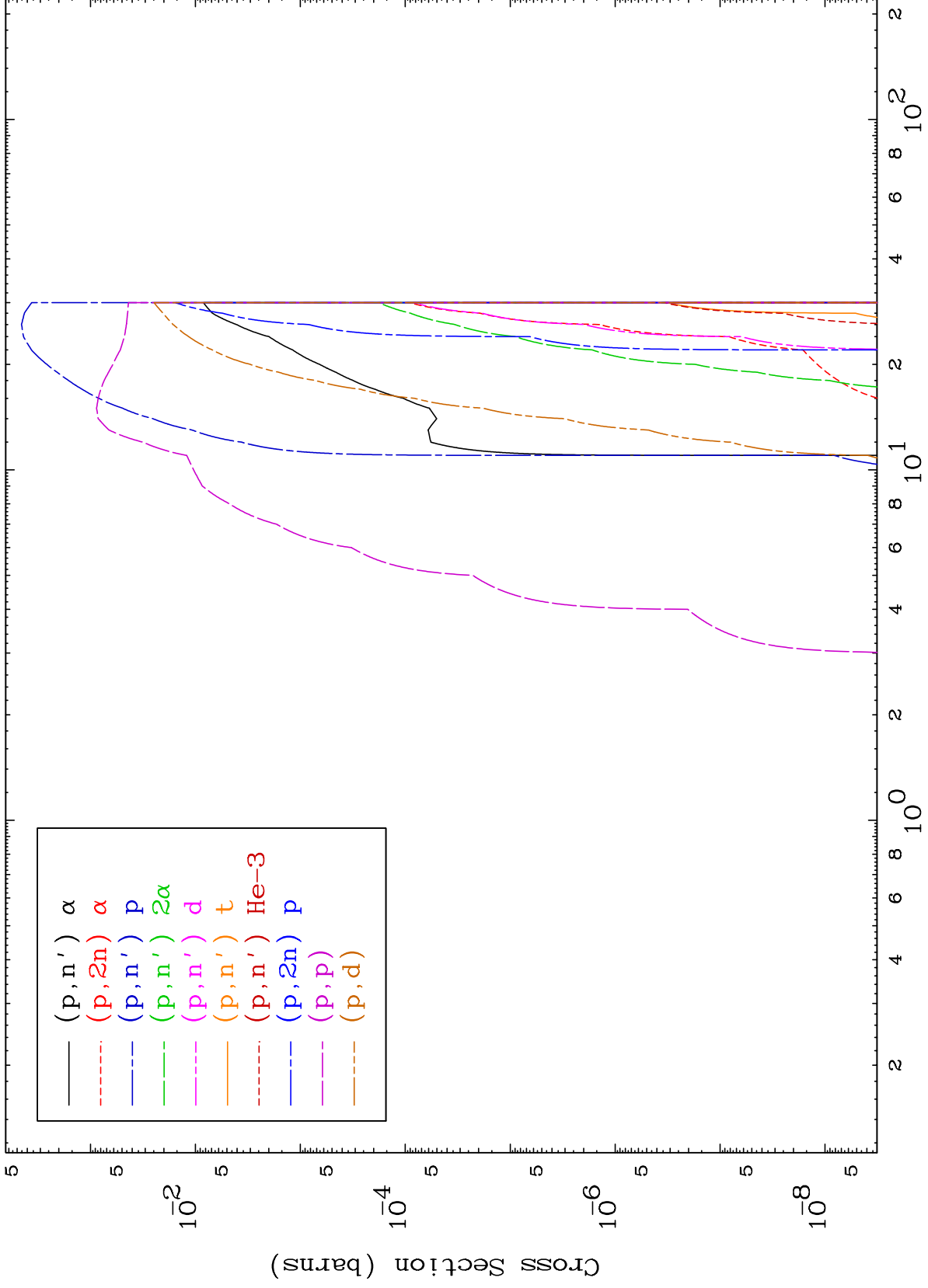




MAT 7180

Proton Charged Particle  
0 Kelvin Cross Sections

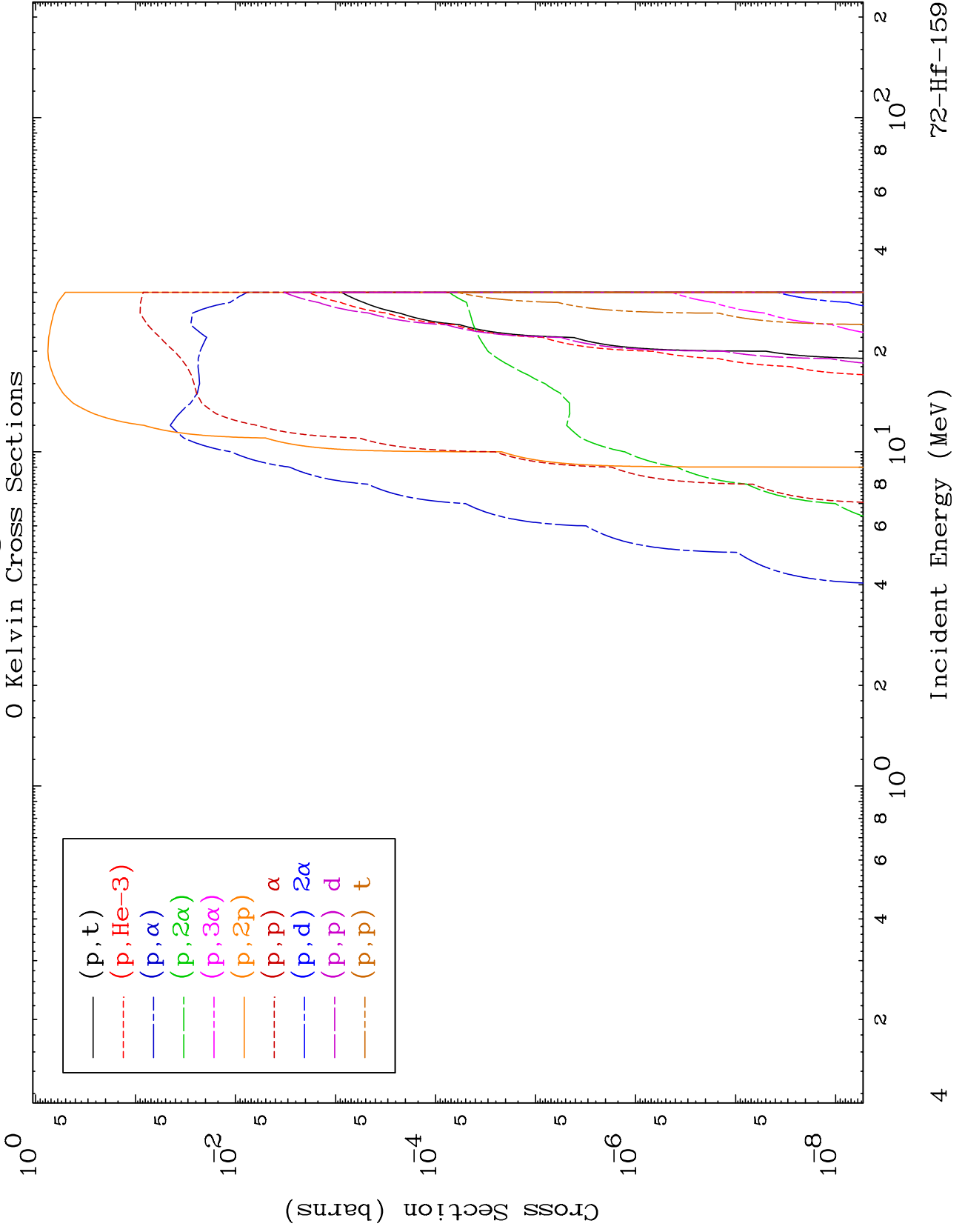
72-Hf-159



MAT 7180

Proton Charged Particle  
0 Kelvin Cross Sections

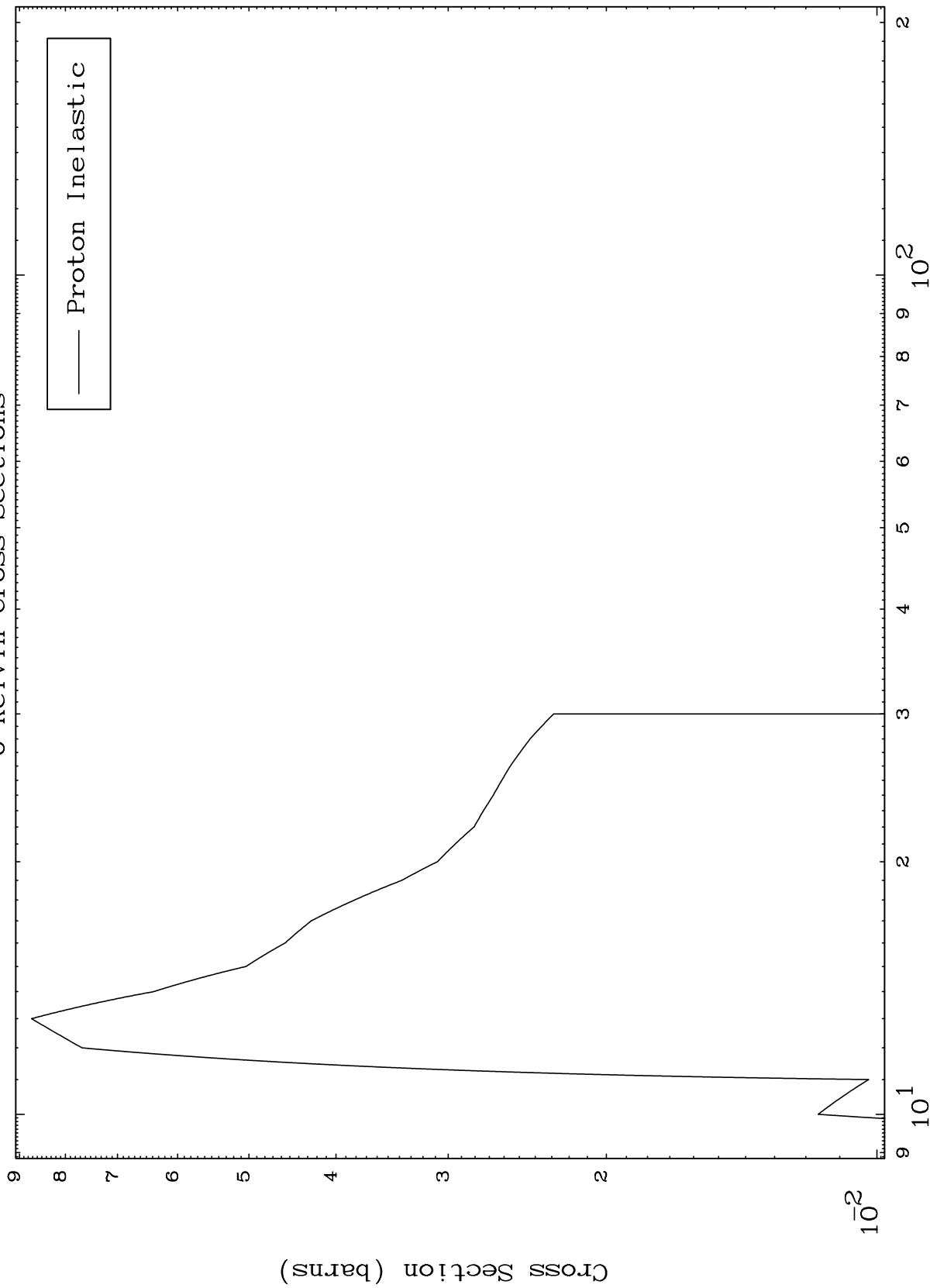
72-Hf-159



MAT 7180

72-Hf-159

(p,n') Level  
0 Kelvin Cross Sections



— Proton Inelastic

72-Hf-159

Incident Energy (MeV)

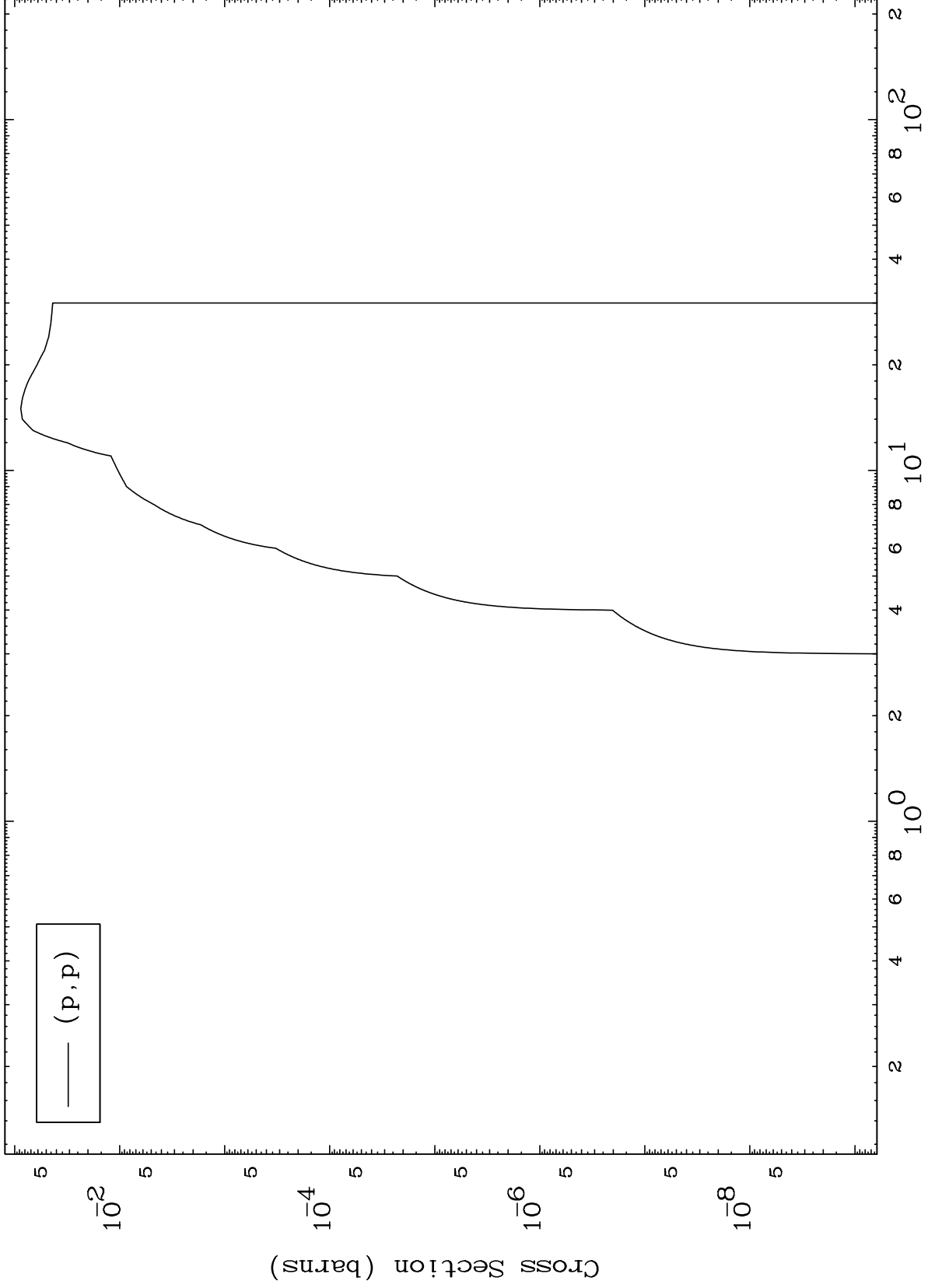
5

MAT 7180

(p,p) Levels

72-Hf-159

0 Kelvin Cross Sections



(p,p)

Incident Energy (MeV)

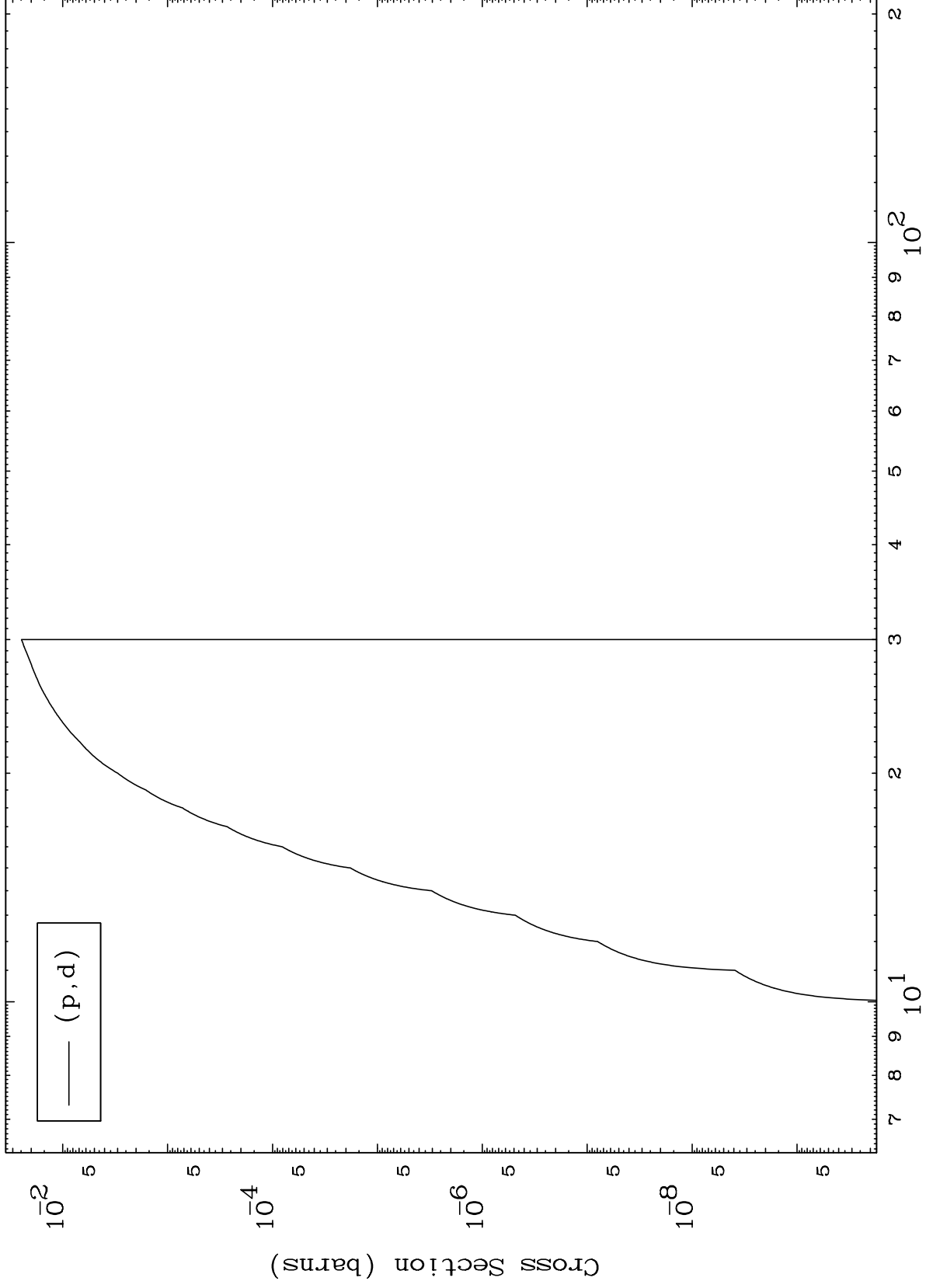
72-Hf-159

6

MAT 7180

(p,d) Levels  
0 Kelvin Cross Sections

72-Hf-159



7

Incident Energy (MeV)

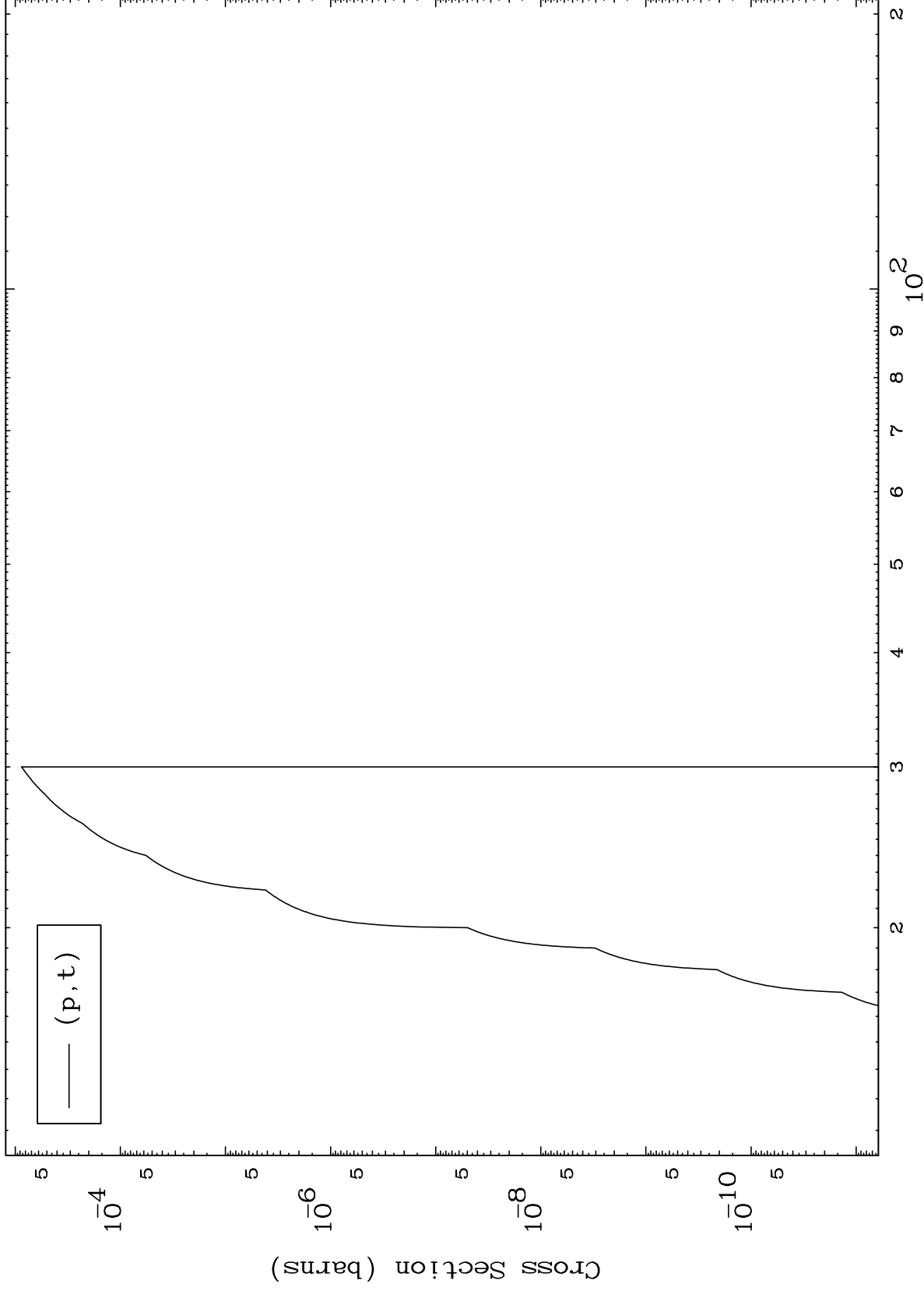
72-Hf-159



MAT 7180

(p,t) Levels  
0 Kelvin Cross Sections

72-Hf-159



8

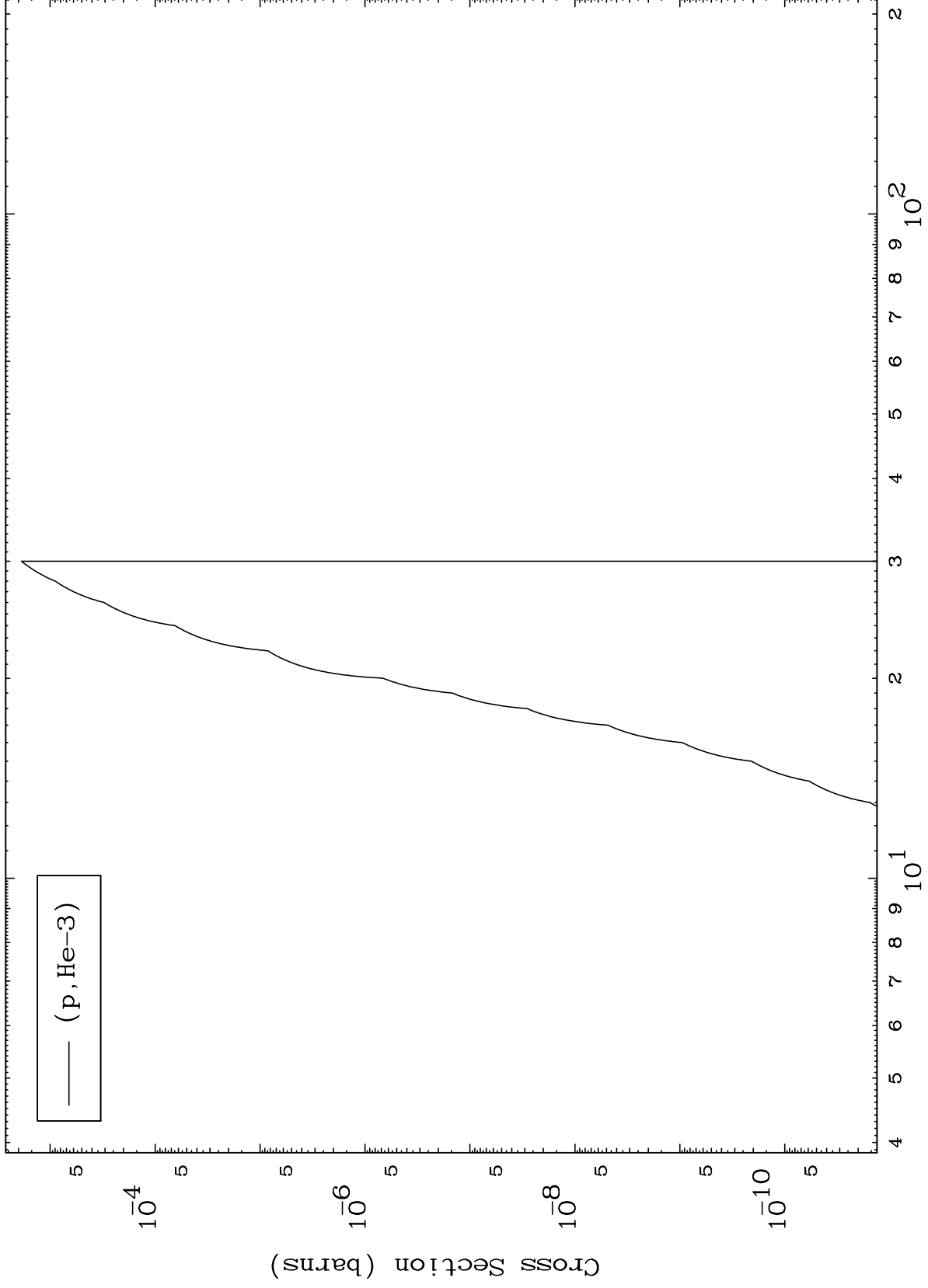
Incident Energy (MeV)

72-Hf-159

MAT 7180

(p,He3) Levels  
0 Kelvin Cross Sections

72-Hf-159



9

Incident Energy (MeV)

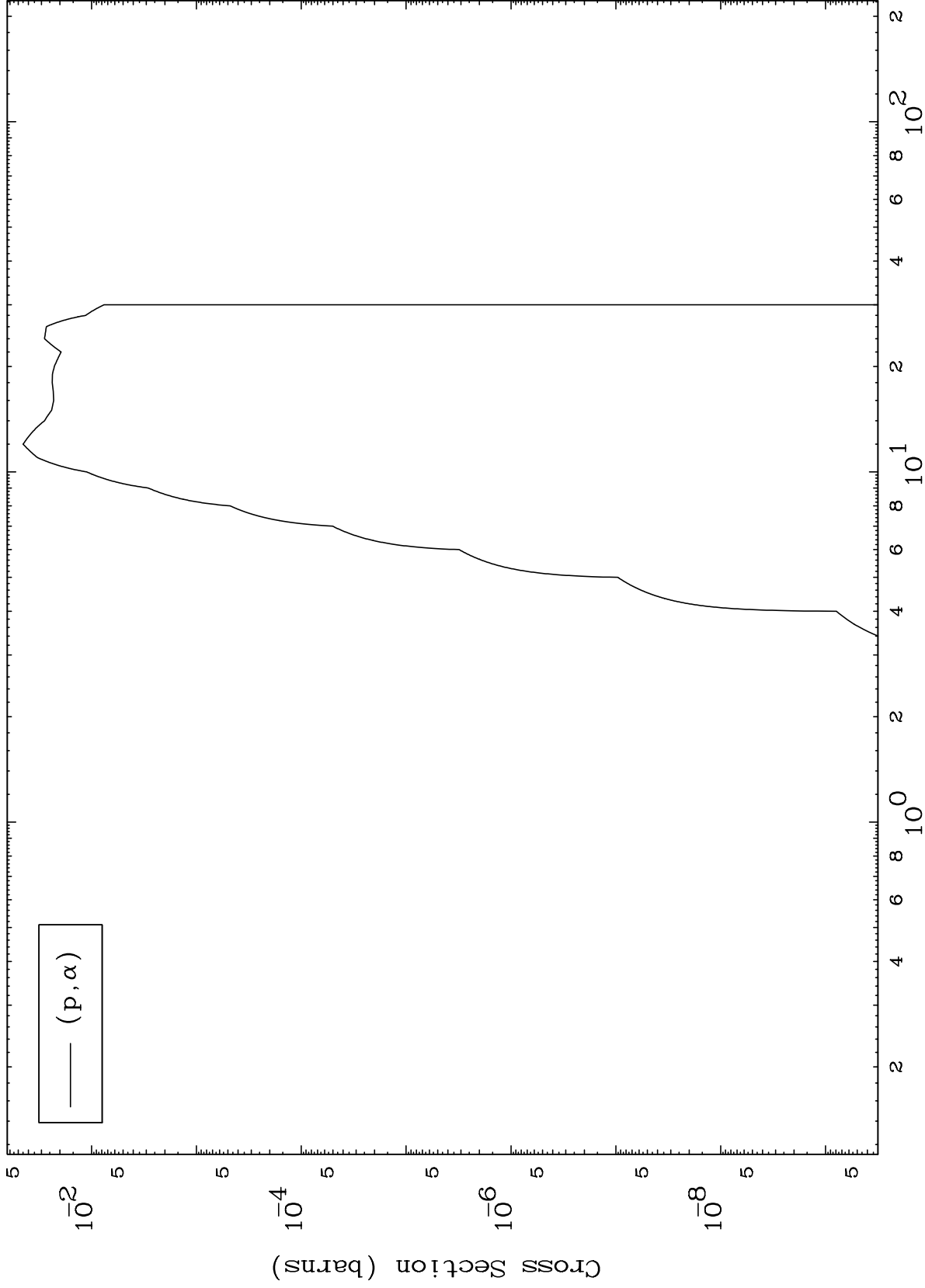
72-Hf-159

MAT 7180

(p,  $\alpha$ ) Levels

72-Hf-159

0 Kelvin Cross Sections



(p,  $\alpha$ )

10

Incident Energy (MeV)

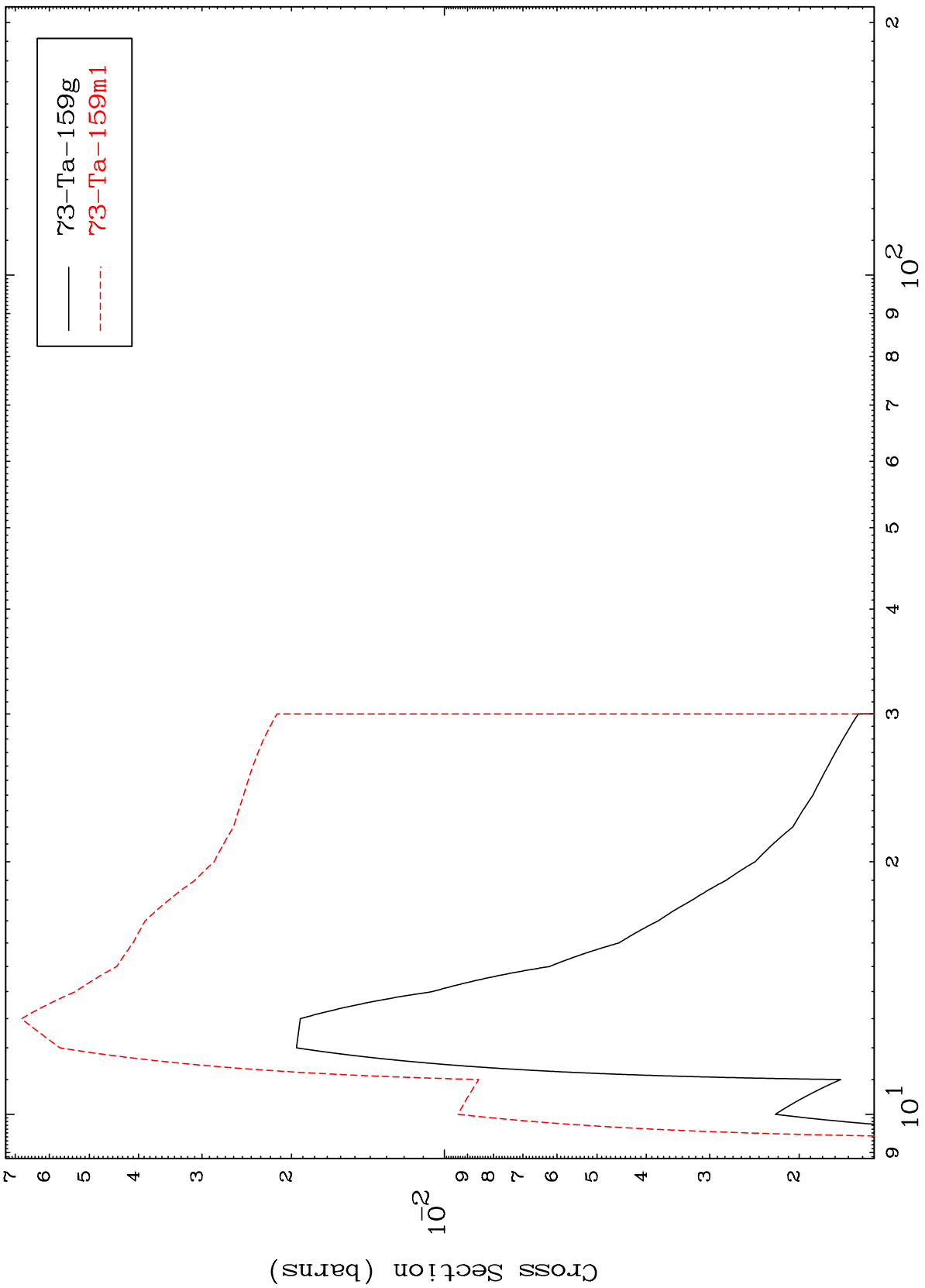
72-Hf-159

MAT 7180

Proton Inelastic

72-Hf-159

Radionuclide Production Cross Section



11

Incident Energy (MeV)

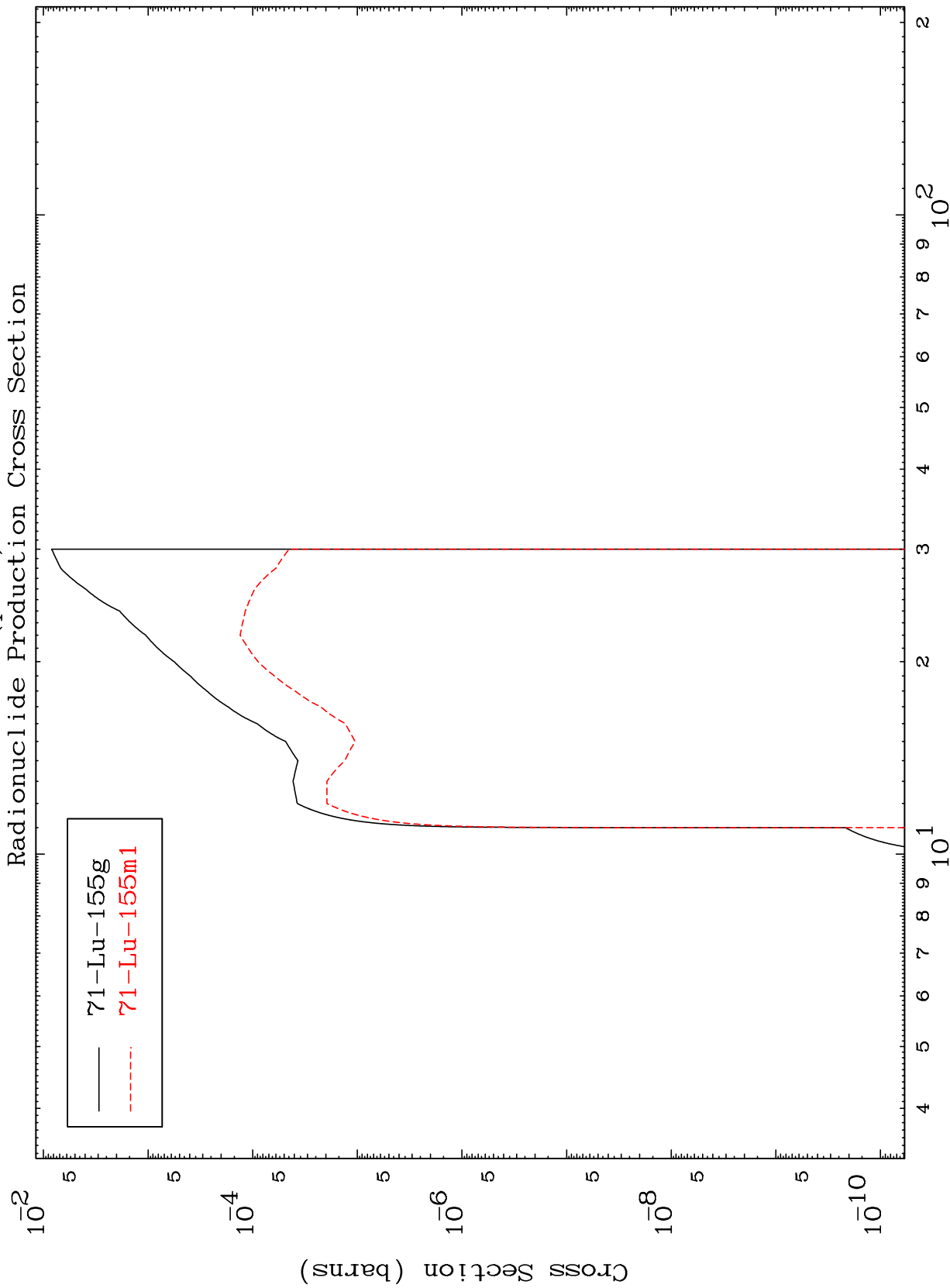
72-Hf-159

MAT 7180

(p,n')  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-159

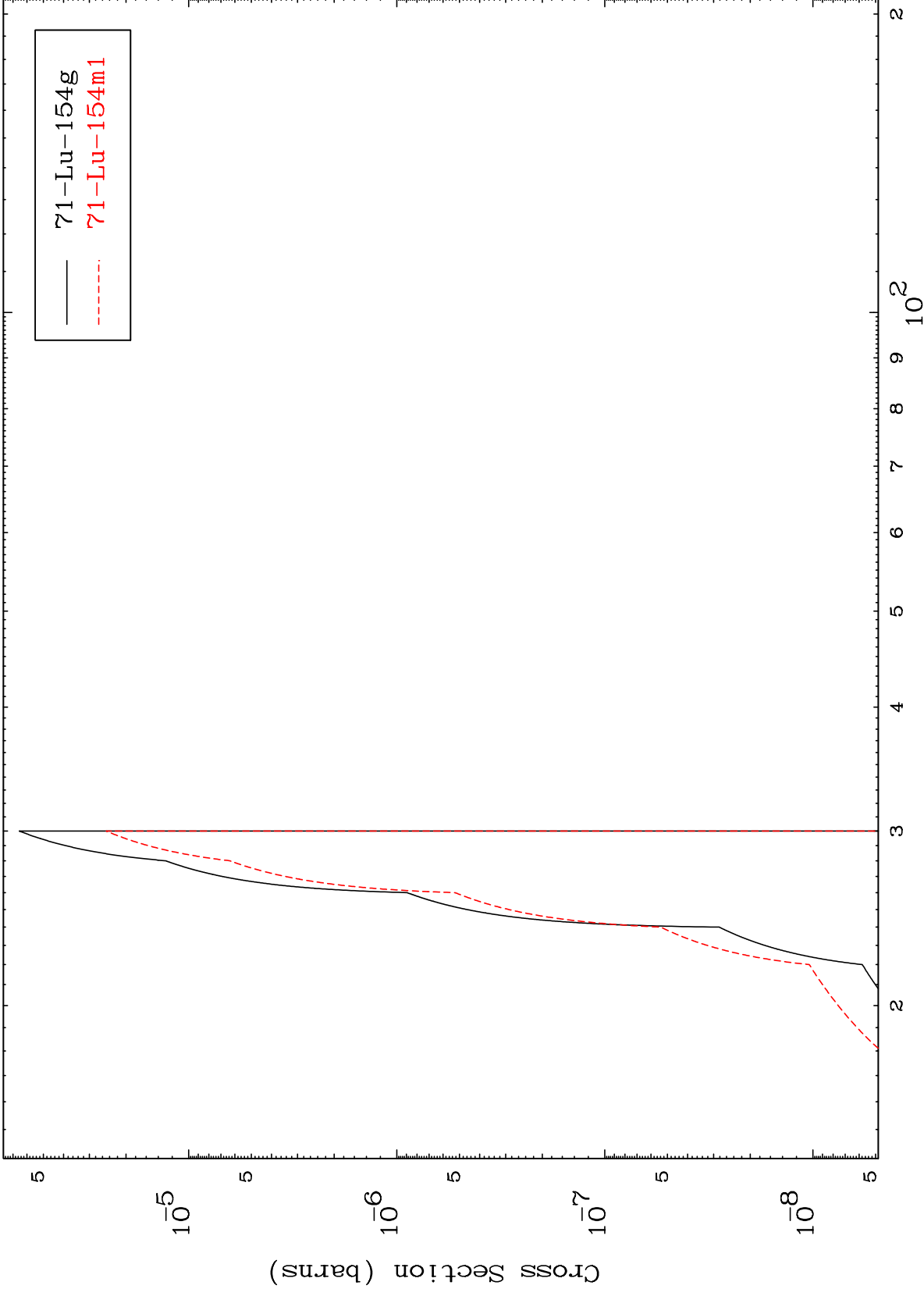
12

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(p,2n)  $\alpha$

72-Hf-159

Radionuclide Production Cross Section



13

Incident Energy (MeV)

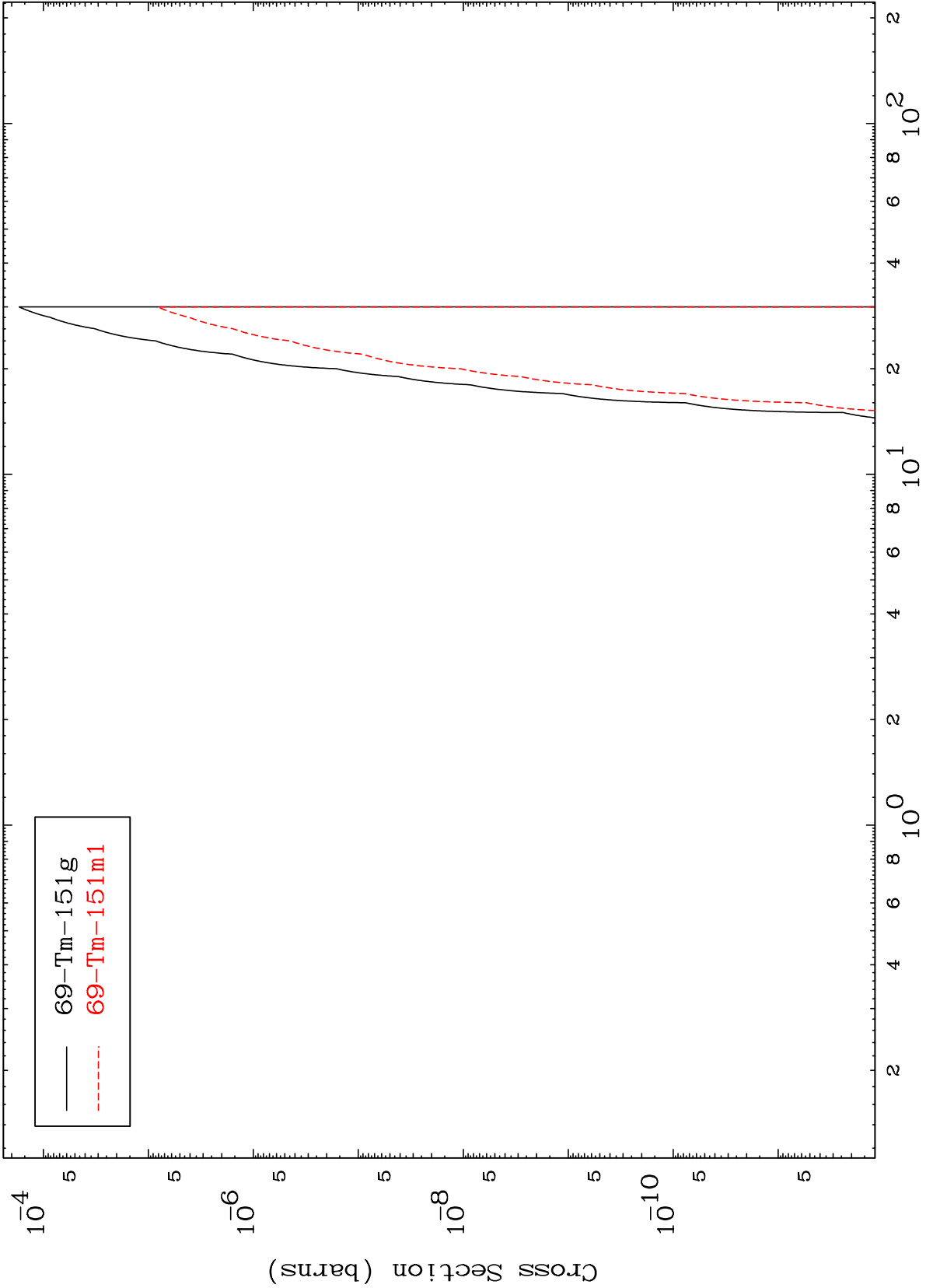
72-Hf-159

MAT 7180

(p,n') 2 $\alpha$

72-Hf-159

Radionuclide Production Cross Section



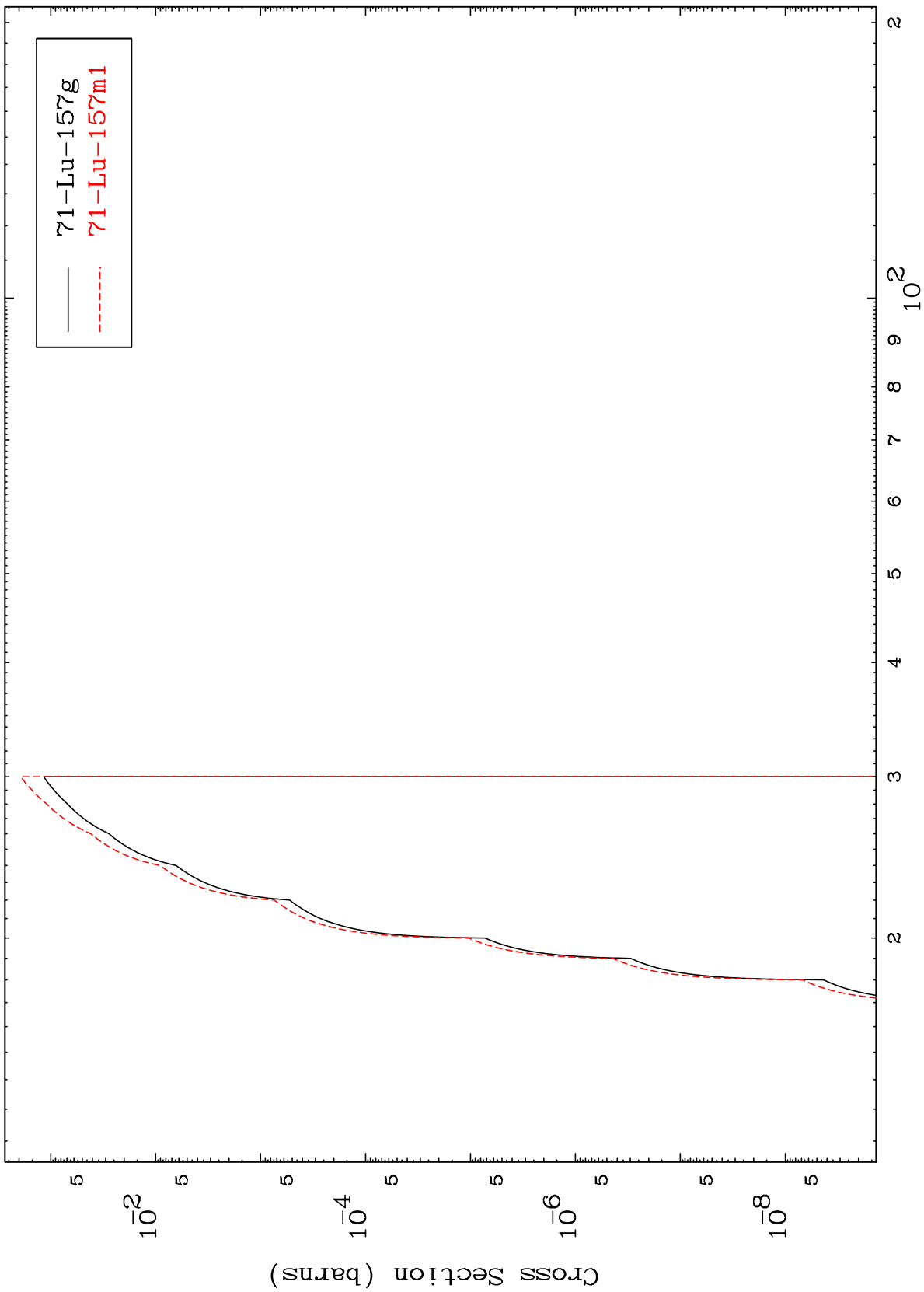
69-Tm-151g  
69-Tm-151m1

MAT 7180

(p,2n) p

72-Hf-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

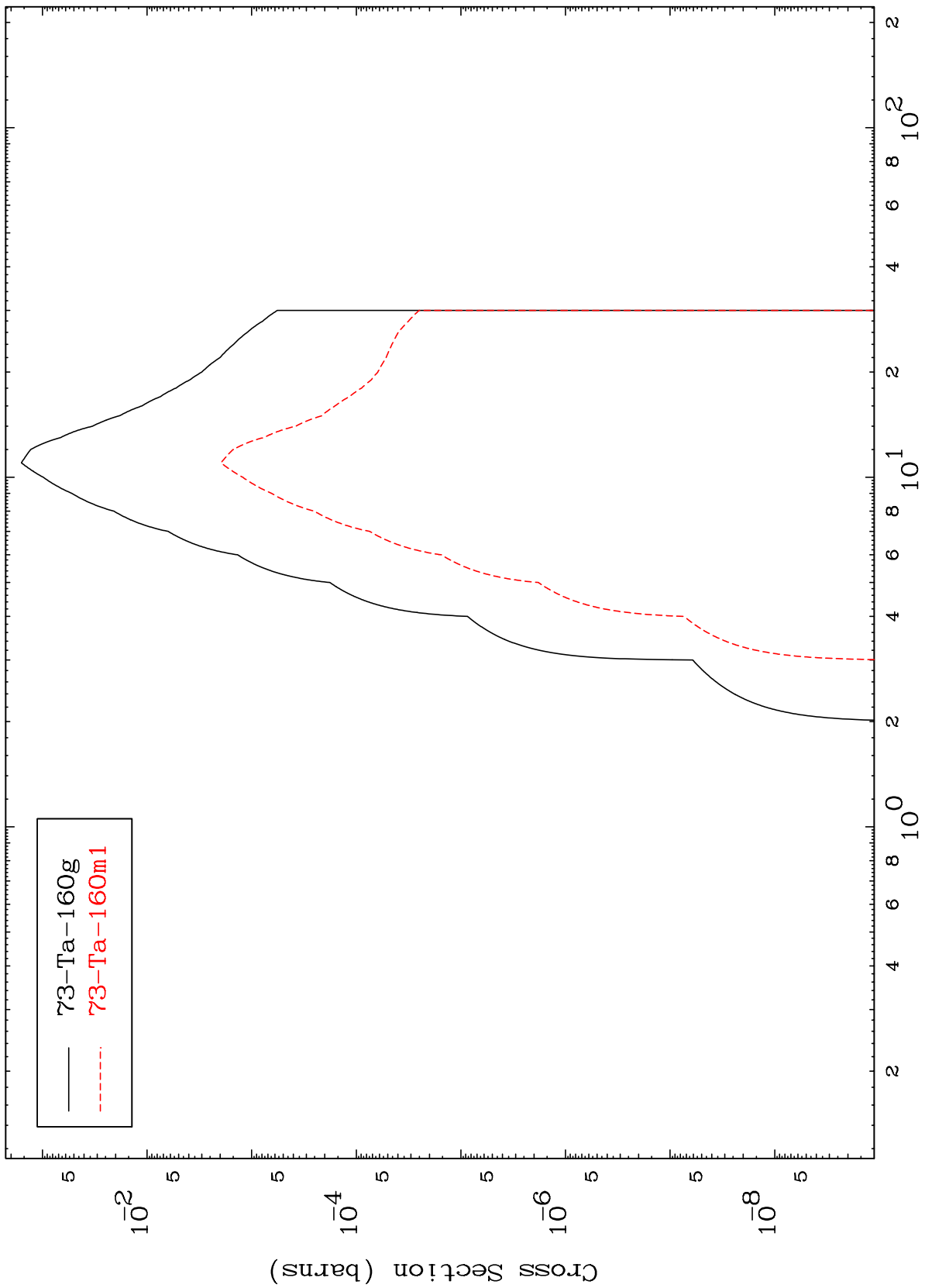
72-Hf-159



MAT 7180

72-Hf-159

Radionuclide Production Cross Section



73-Ta-160g  
73-Ta-160m1

16

72-Hf-159

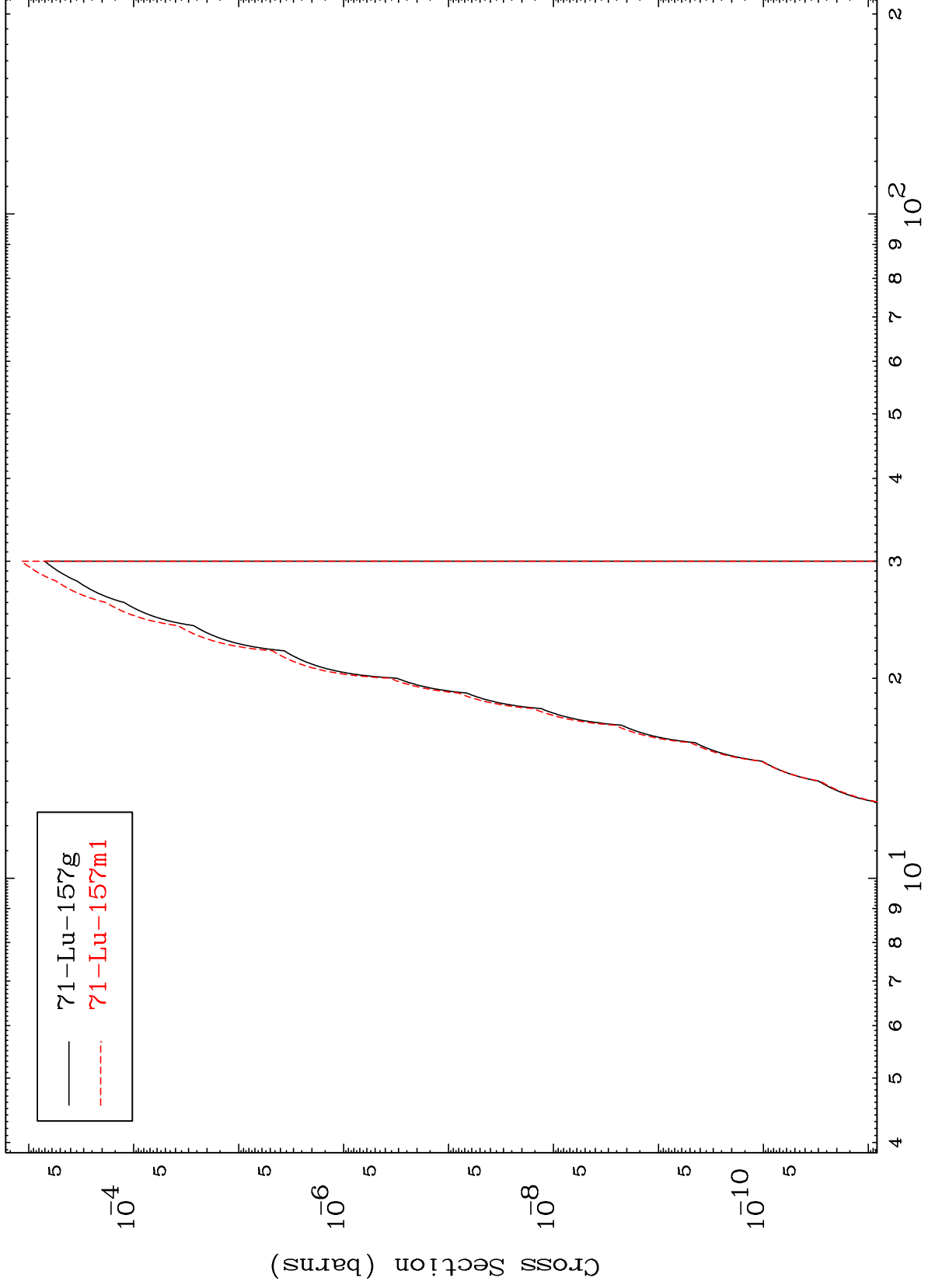
Incident Energy (MeV)

MAT 7180

(p,He-3)

72-Hf-159

Radionuclide Production Cross Section



17

Incident Energy (MeV)

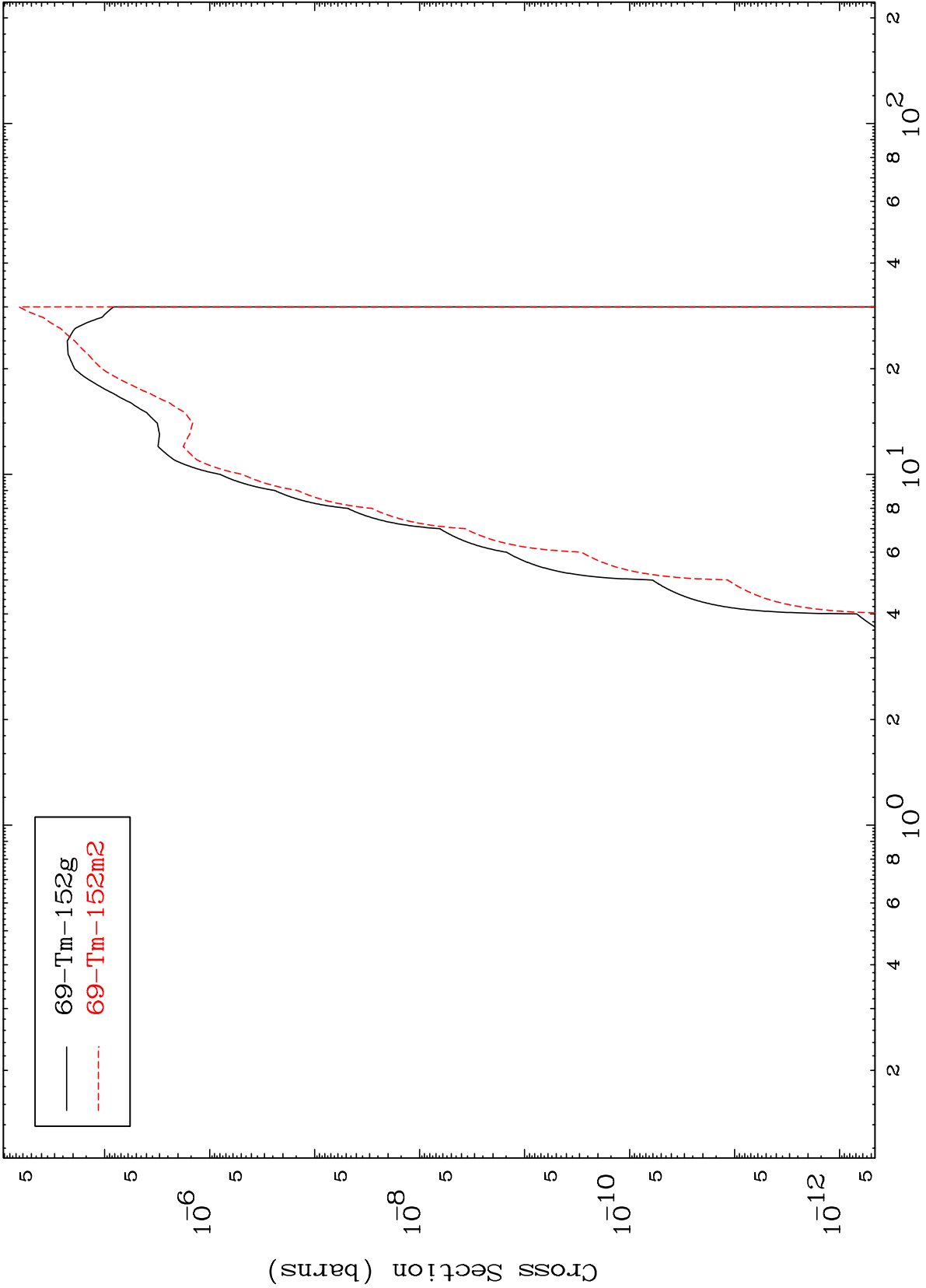
72-Hf-159

MAT 7180

(p,2α)

72-Hf-159

Radionuclide Production Cross Section

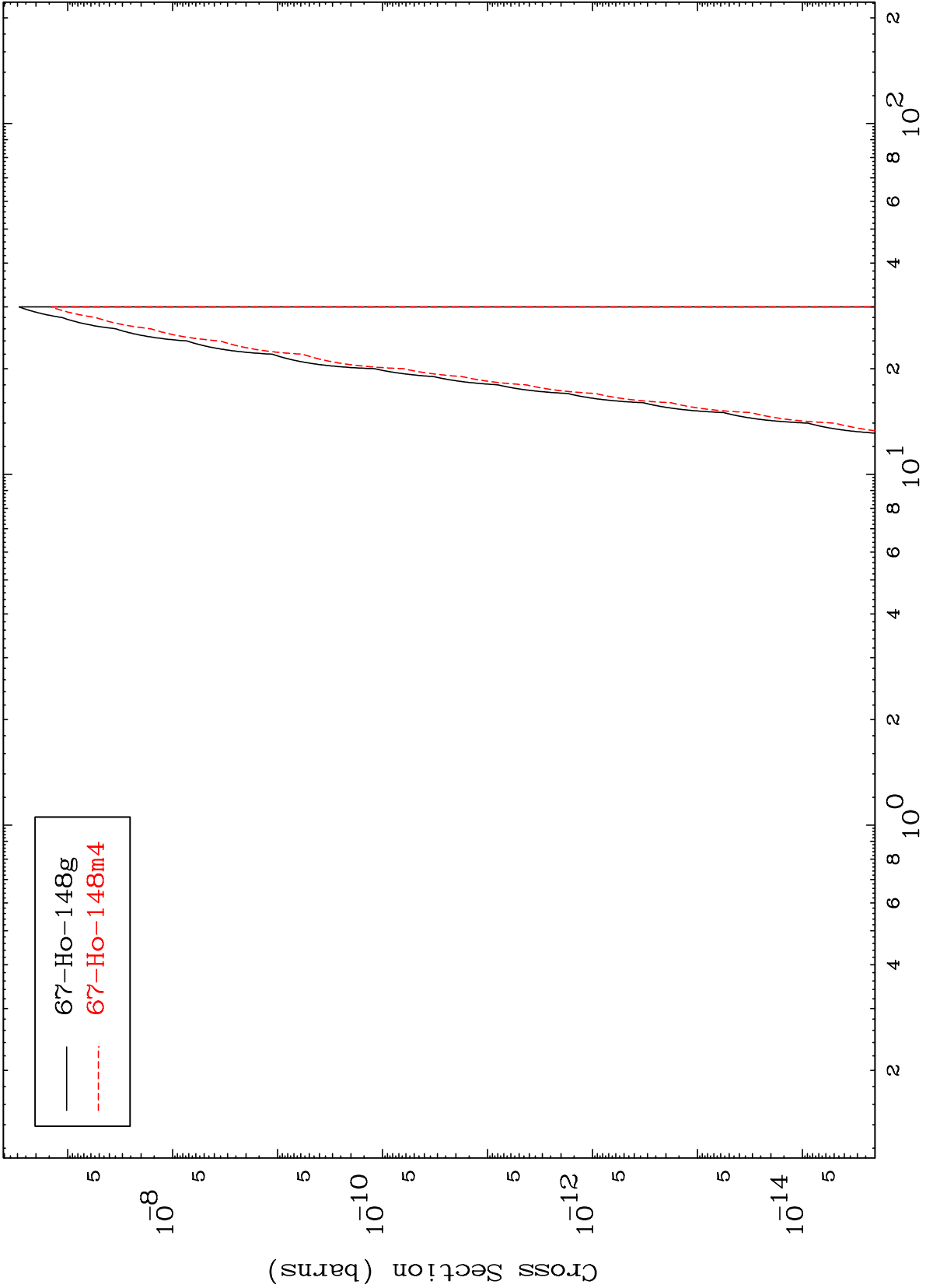


MAT 7180

(p,3 $\alpha$ )

72-Hf-159

Radionuclide Production Cross Section



19

Incident Energy (MeV)

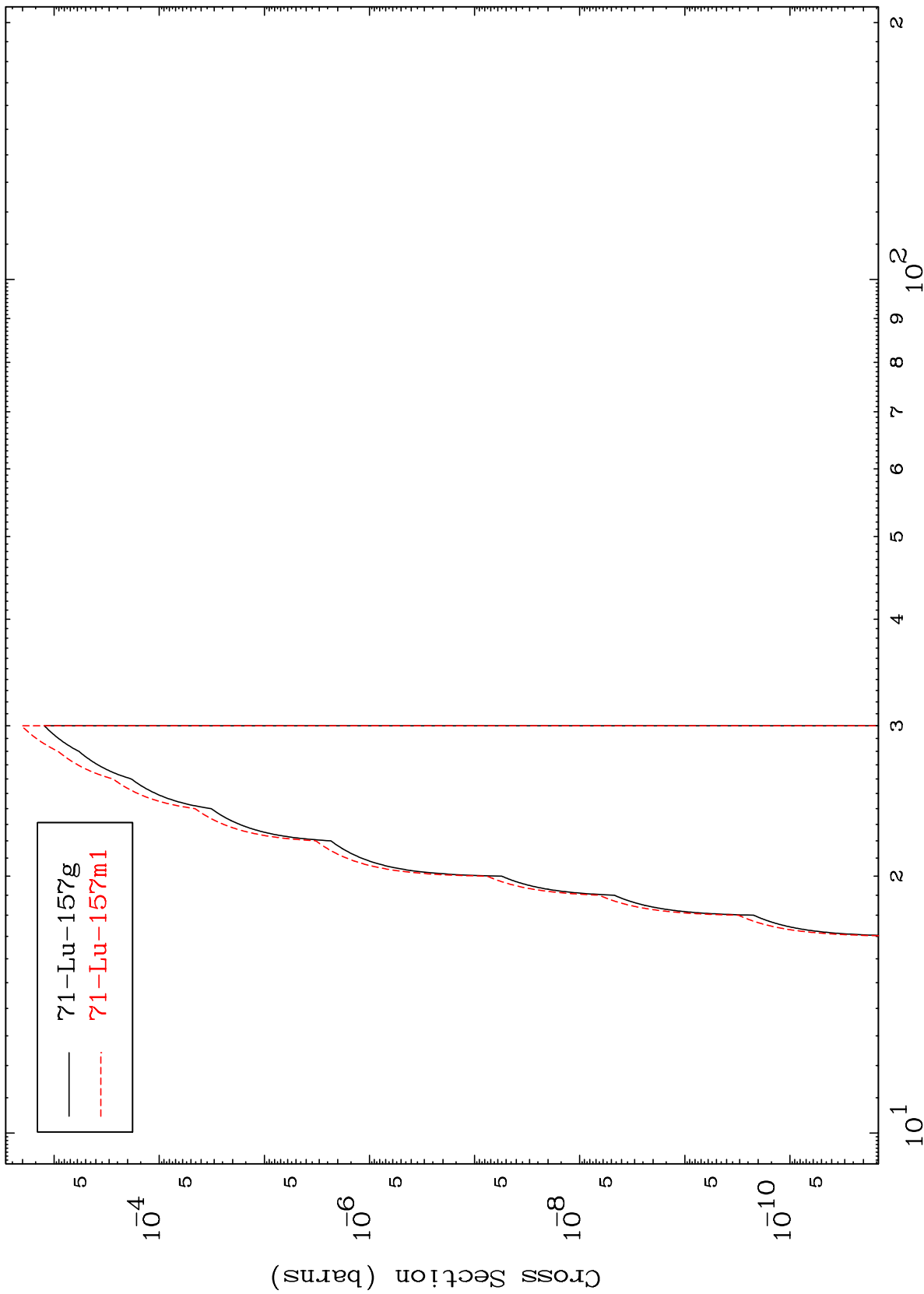
72-Hf-159

MAT 7180

(p,p) d

72-Hf-159

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-159