

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

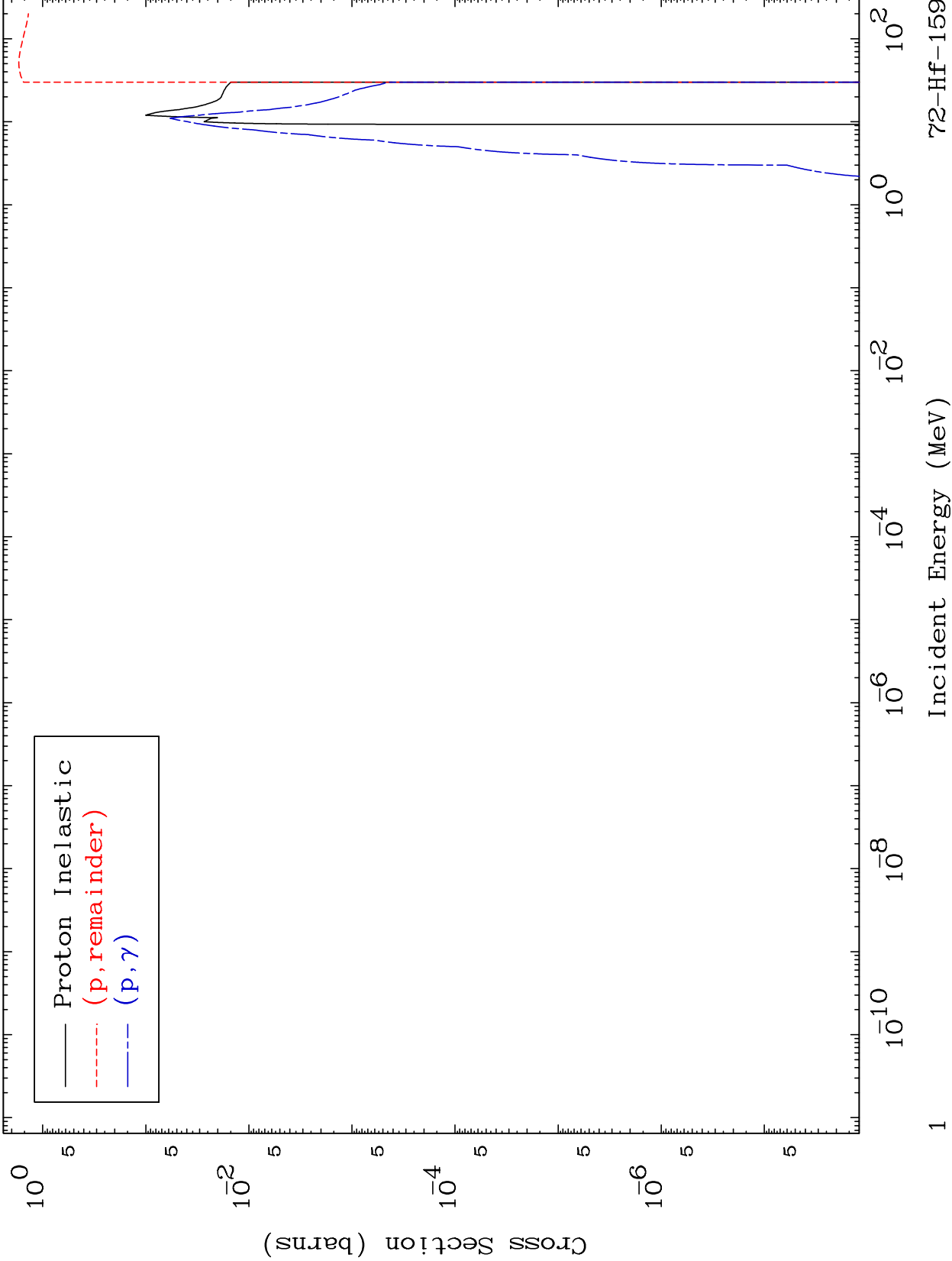
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7180

Proton Major
0 Kelvin Cross Sections

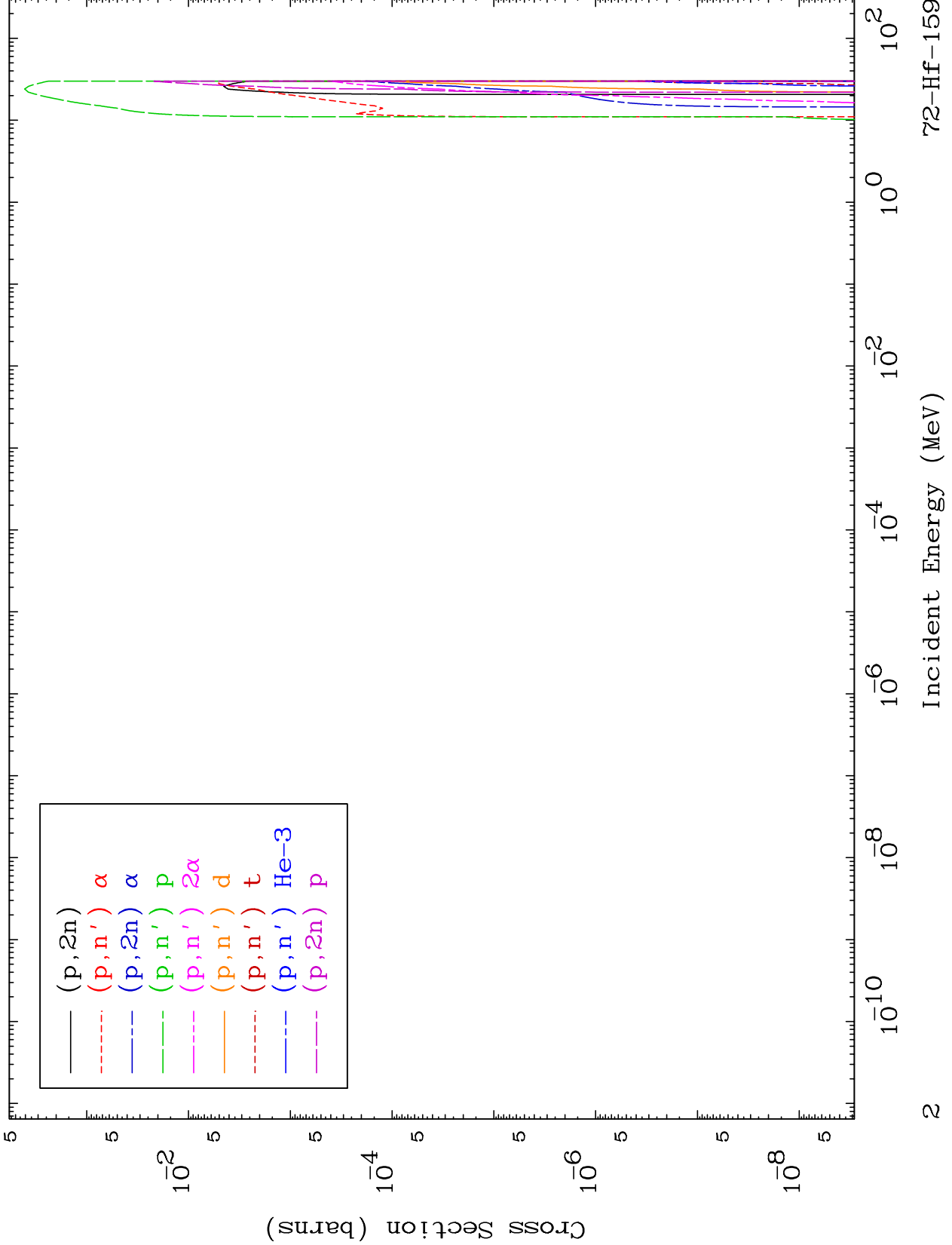
72-Hf-159



MAT 7180

Proton Neutron Production
0 Kelvin Cross Sections

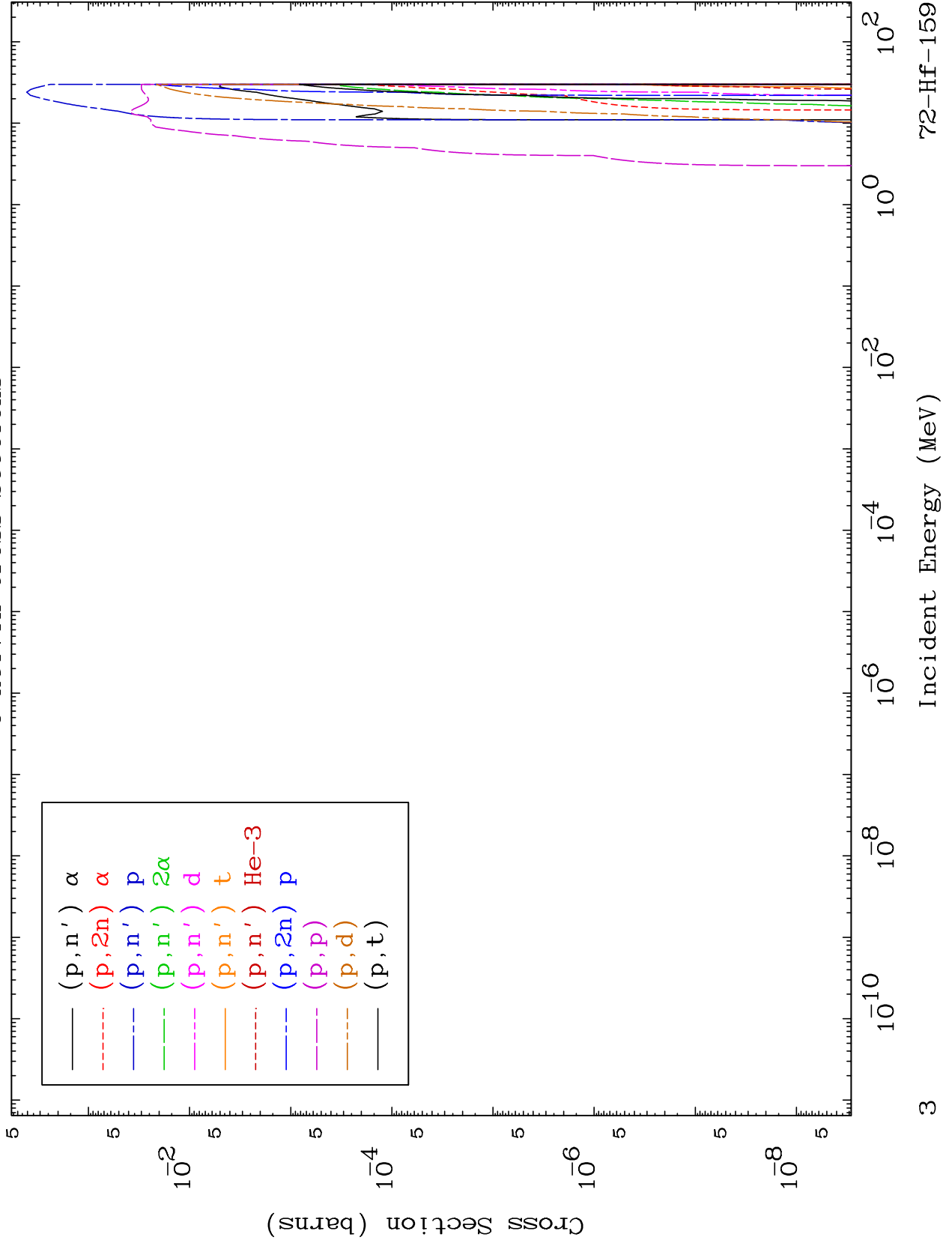
72-Hf-159



MAT 7180

Proton Charged Particle
0 Kelvin Cross Sections

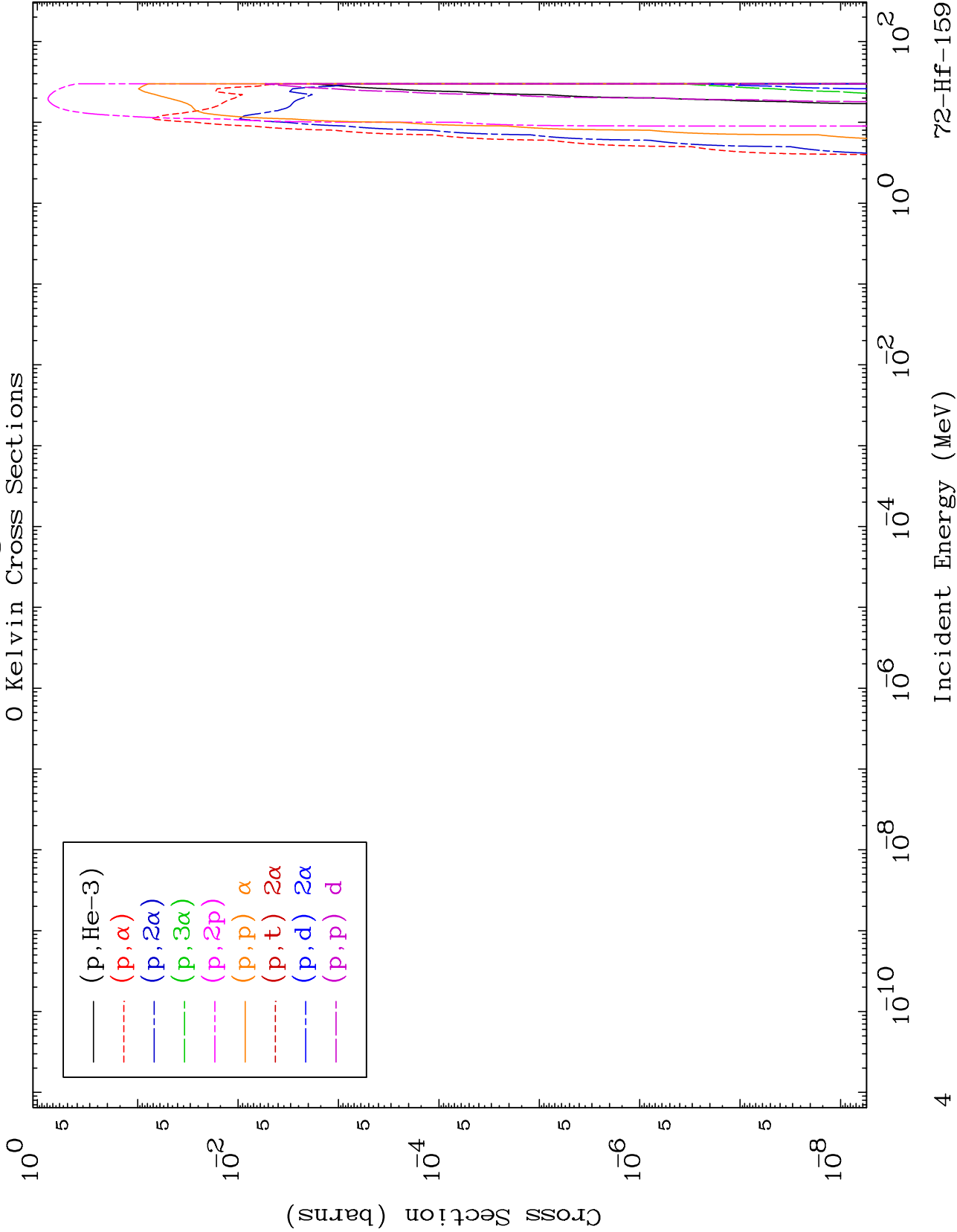
72-Hf-159

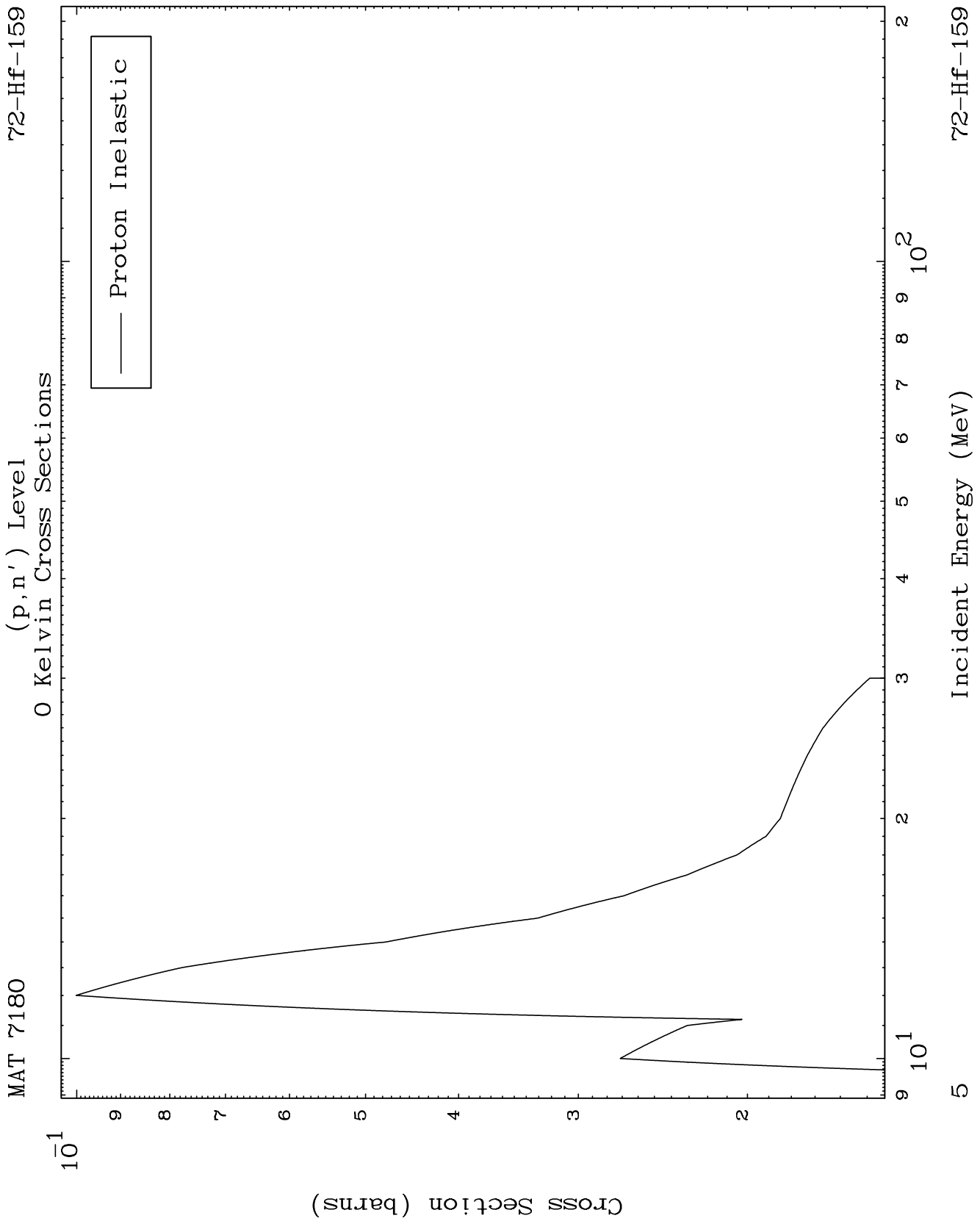


MAT 7180

Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-159



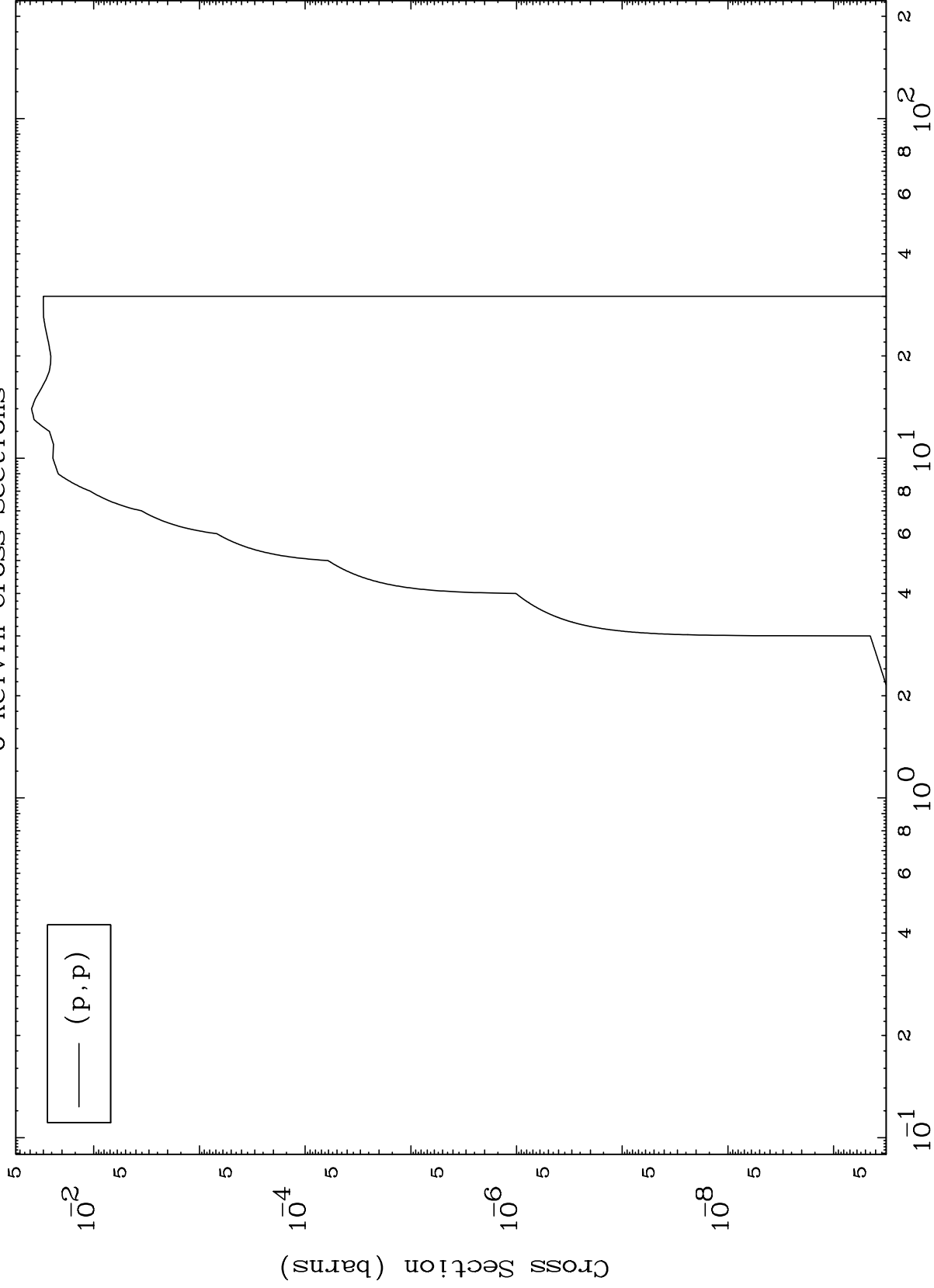


MAT 7180

(p,p) Levels

72-Hf-159

0 Kelvin Cross Sections



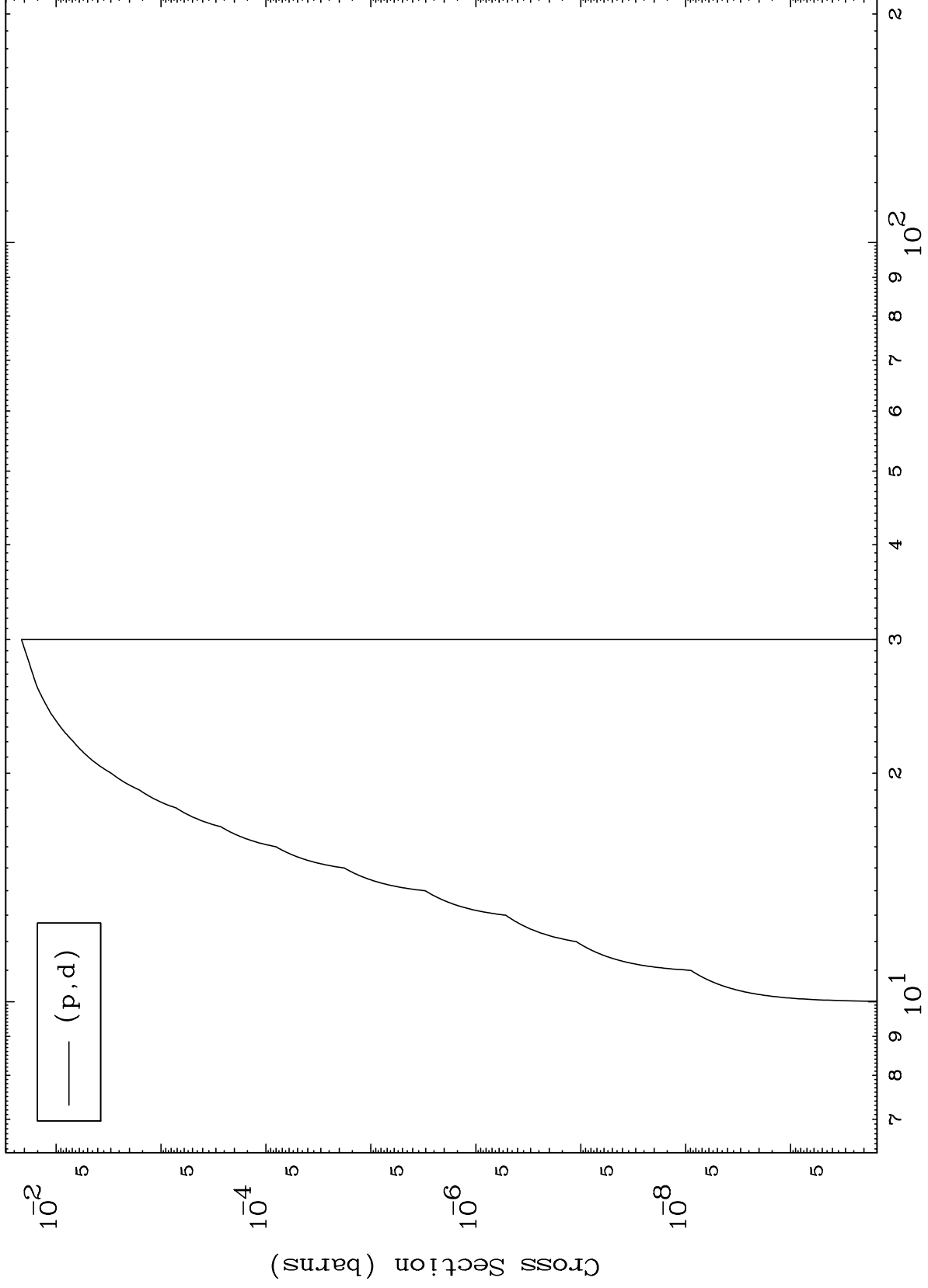
Incident Energy (MeV)

72-Hf-159

MAT 7180

(p,d) Levels
0 Kelvin Cross Sections

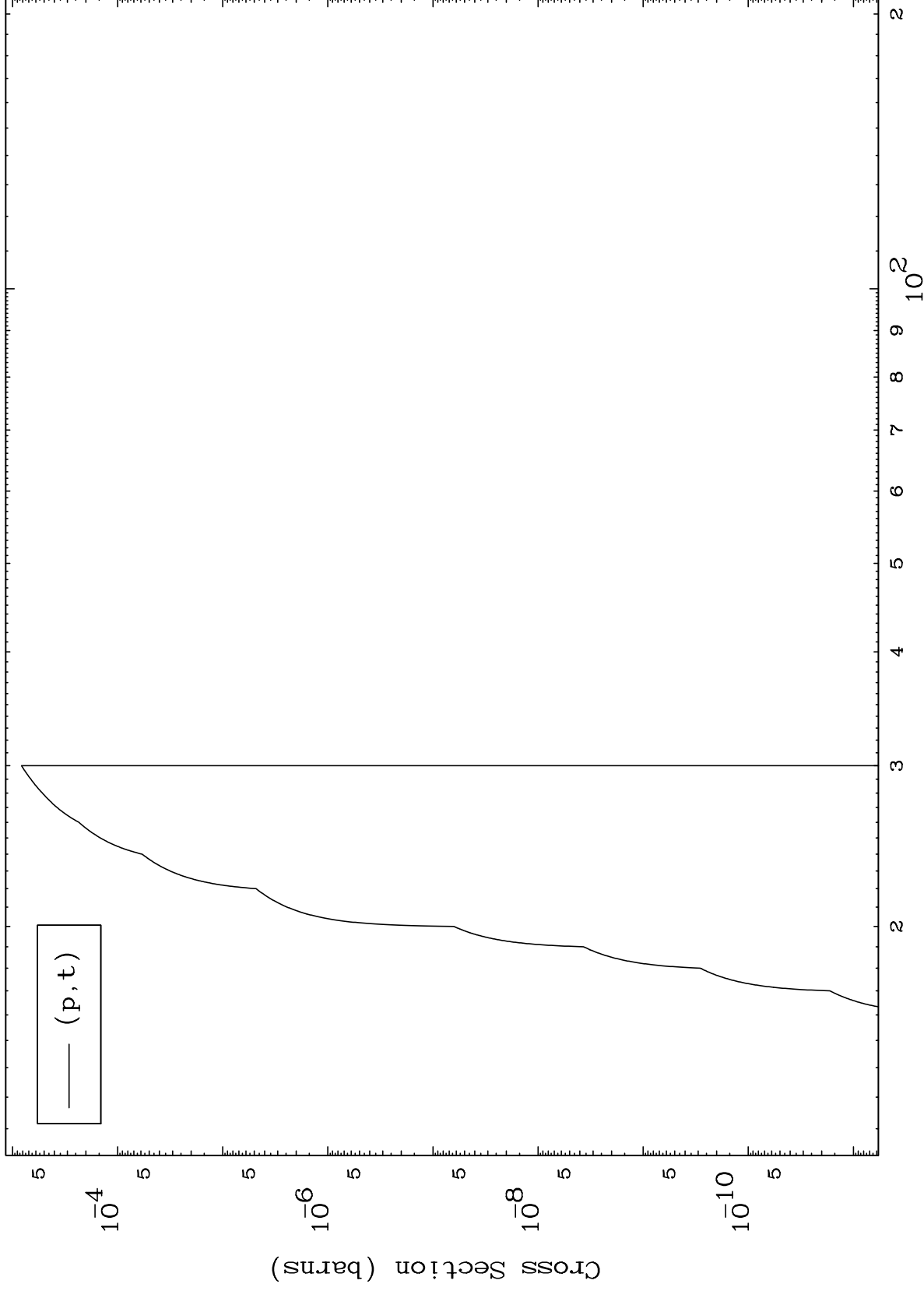
72-Hf-159

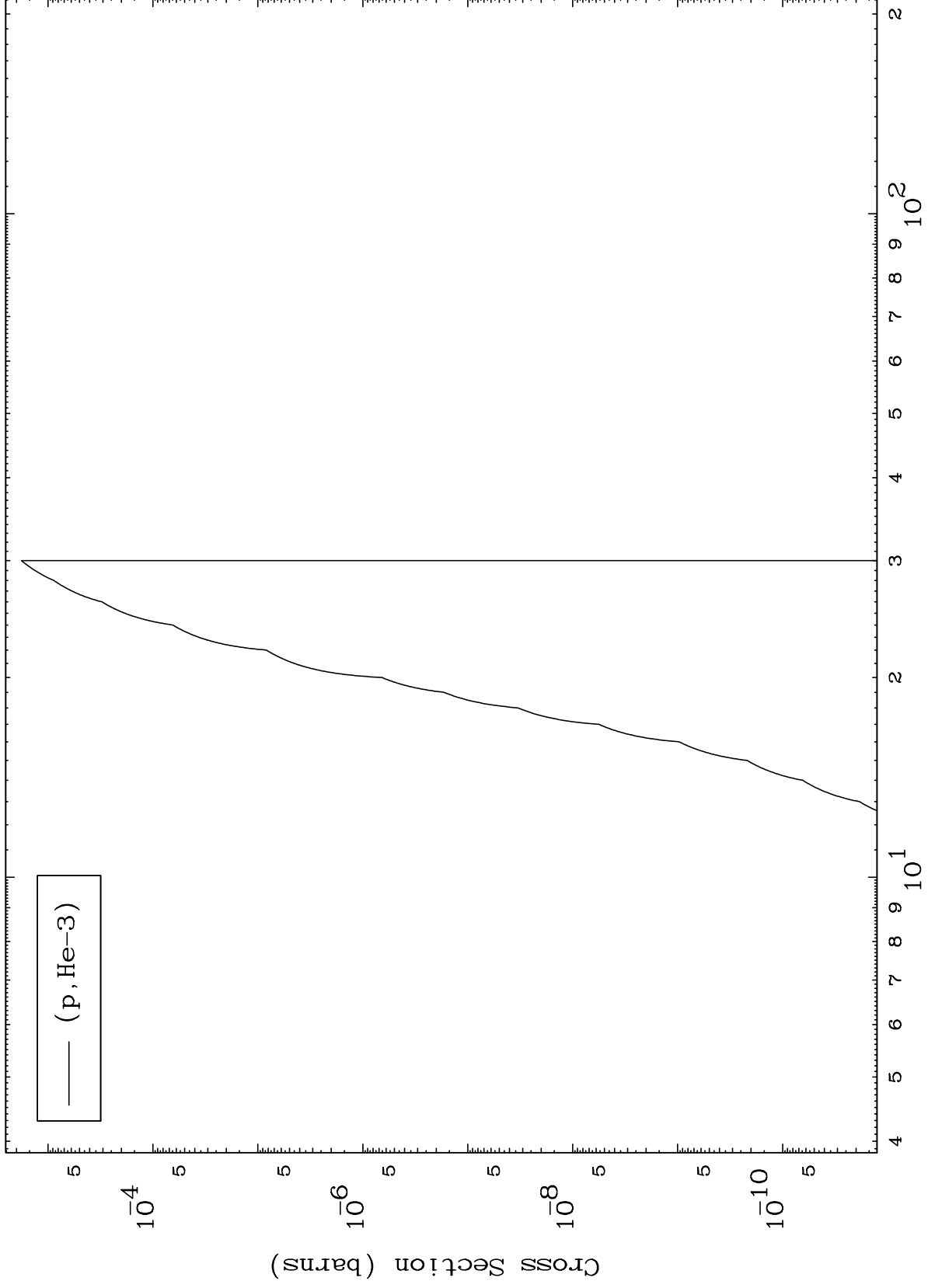


7

Incident Energy (MeV)

72-Hf-159

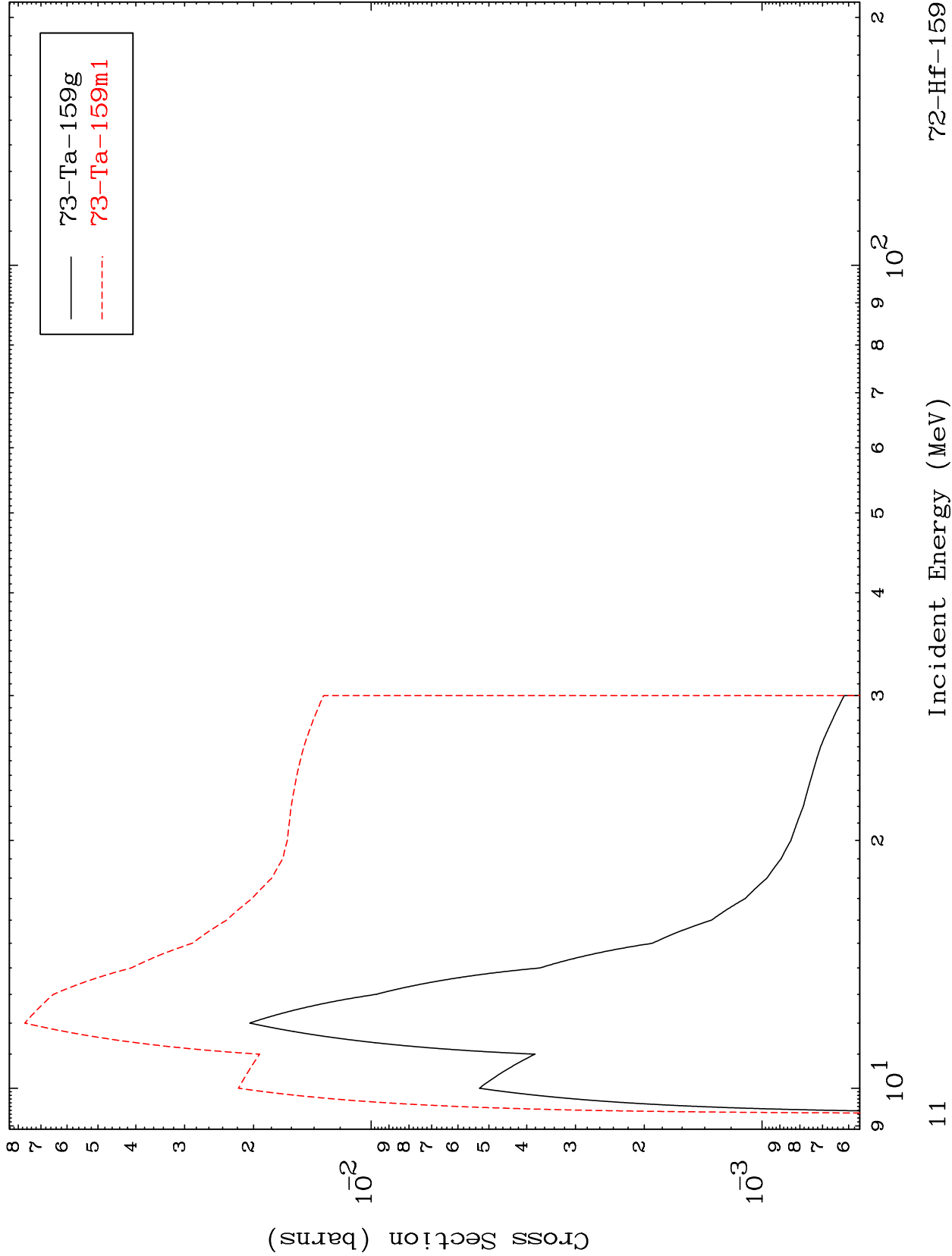




MAT 7180

Proton Inelastic
Radionuclide Production Cross Section

72-Hf-159



11

Incident Energy (MeV)

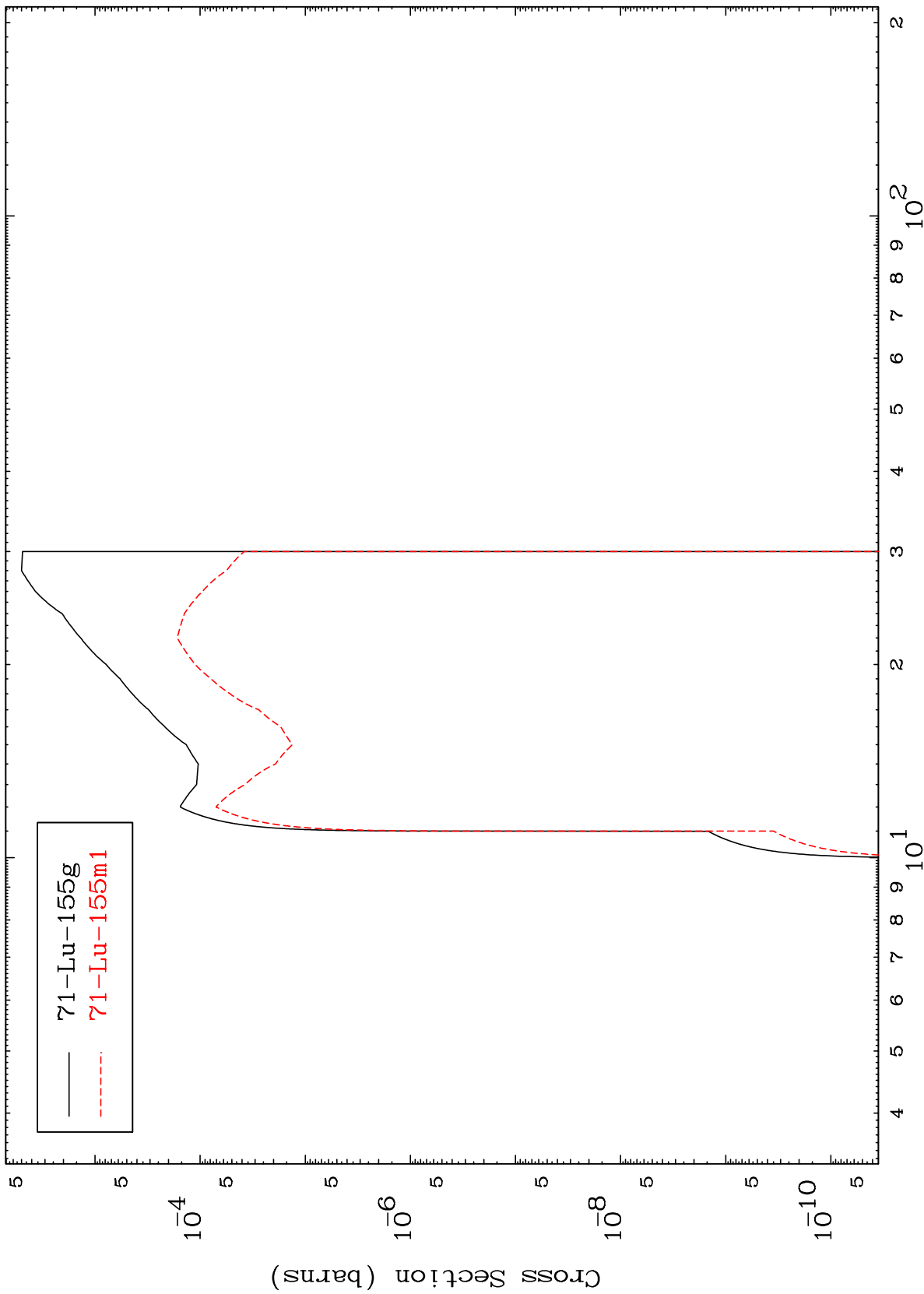
72-Hf-159

MAT 7180

(p,n') α

72-Hf-159

Radionuclide Production Cross Section



12

Incident Energy (MeV)

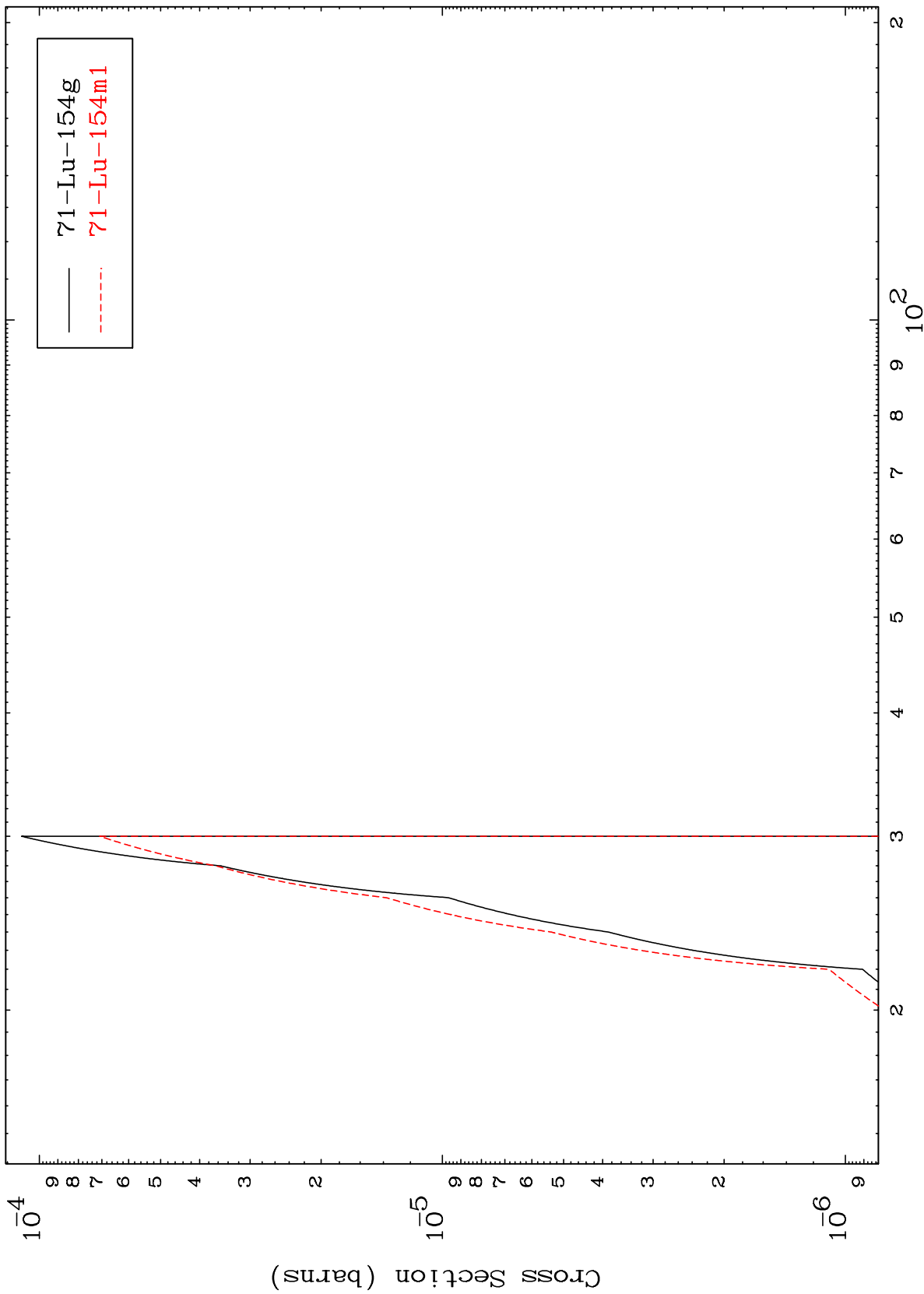
72-Hf-159

MAT 7180

(p,2n) α

72-Hf-159

Radionuclide Production Cross Section



71-Lu-154g
71-Lu-154m1

13

Incident Energy (MeV)

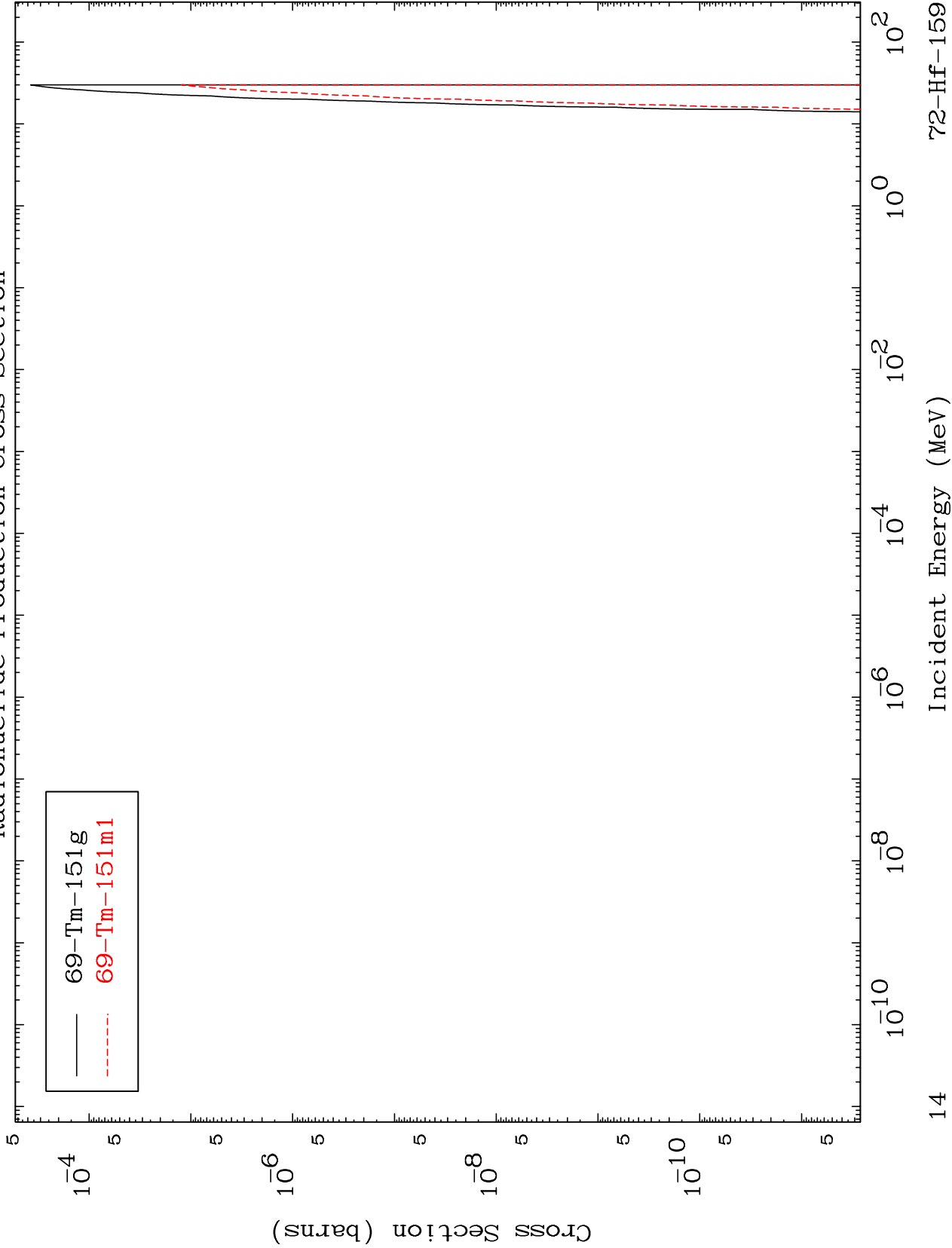
72-Hf-159

MAT 7180

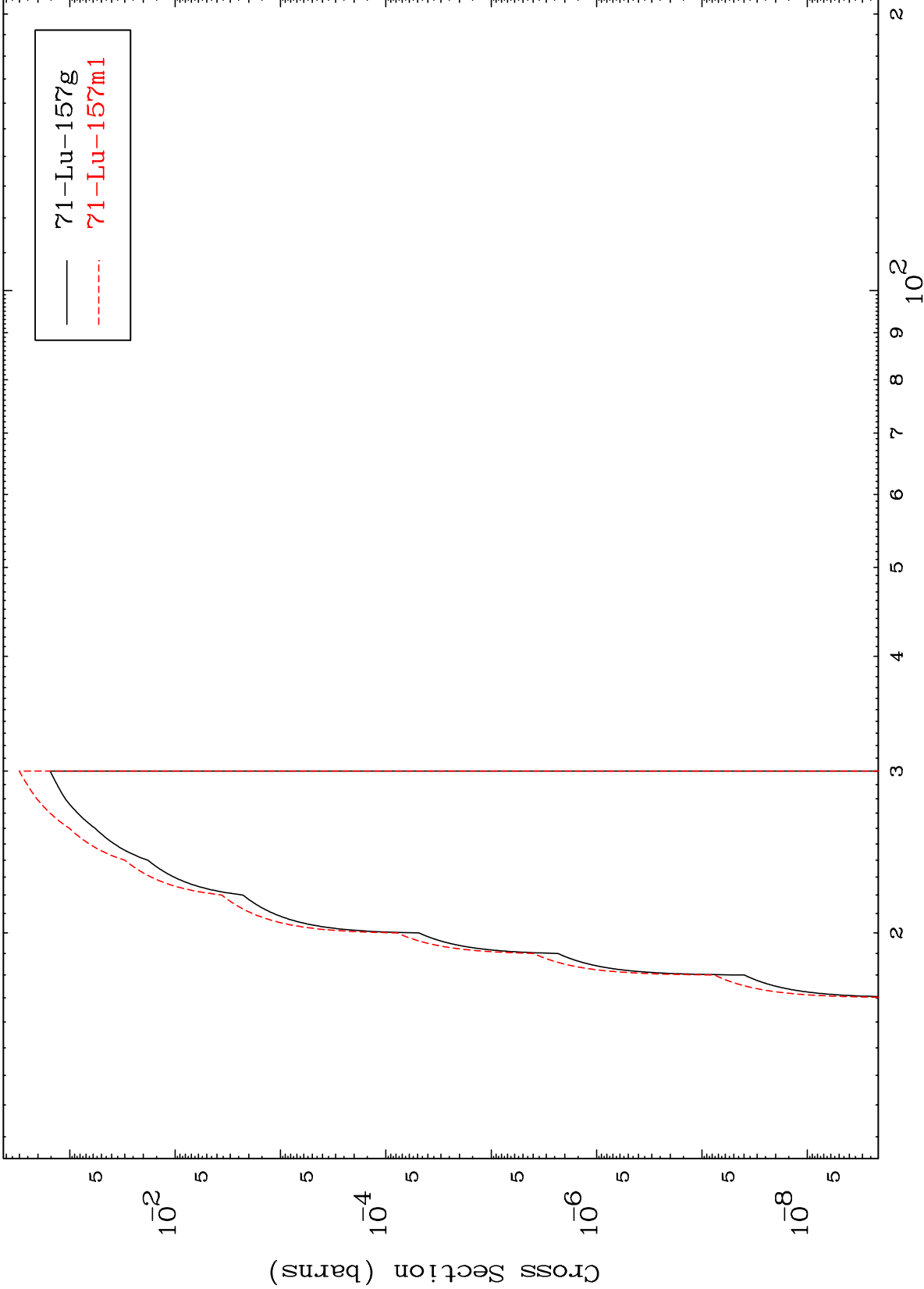
(p,n') 2 α

72-Hf-159

Radionuclide Production Cross Section



Radionuclide Production Cross Section

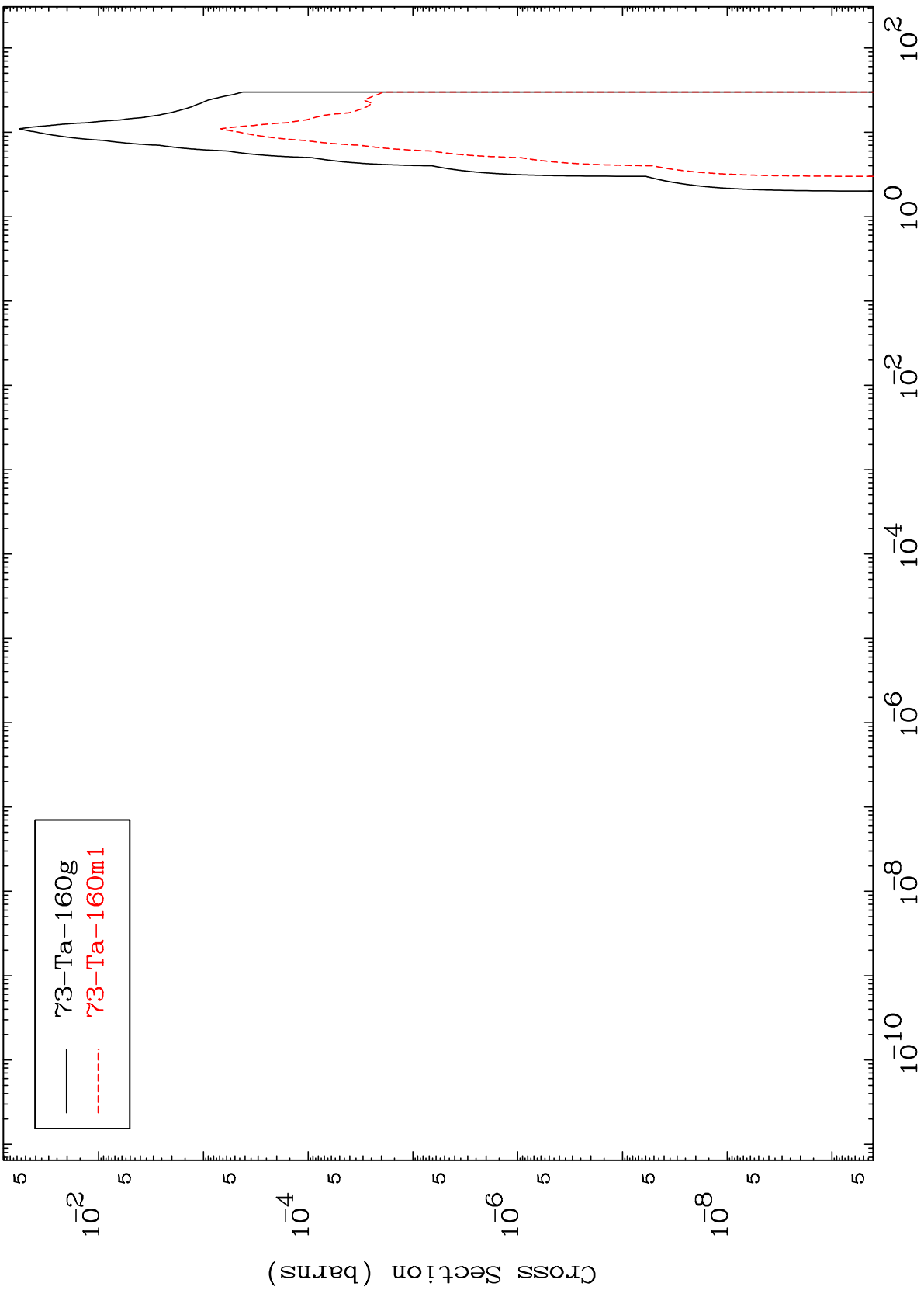


MAT 7180

(p, γ)

72-Hf-159

Radionuclide Production Cross Section

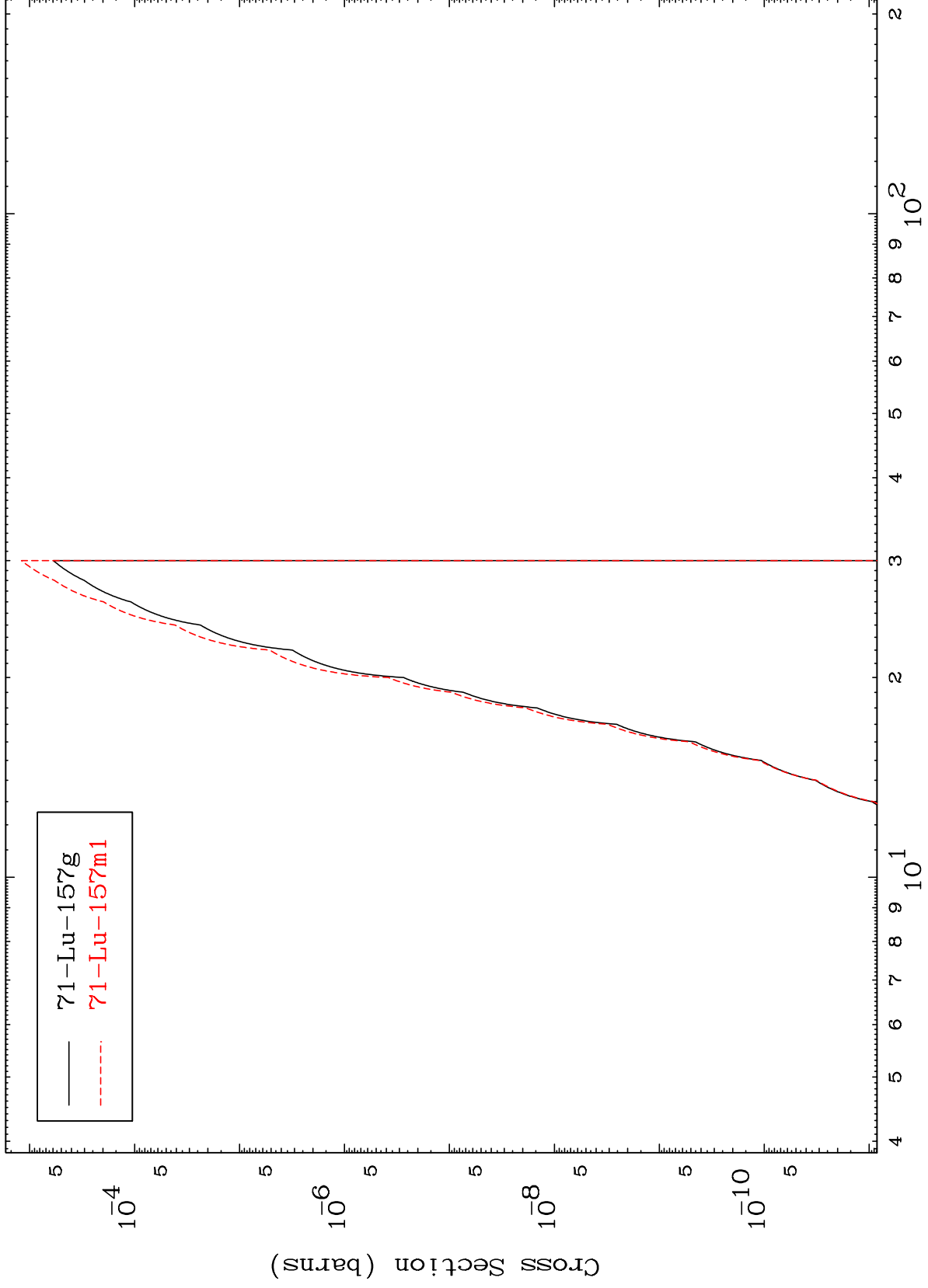


MAT 7180

(p,He-3)

72-Hf-159

Radionuclide Production Cross Section



17

Incident Energy (MeV)

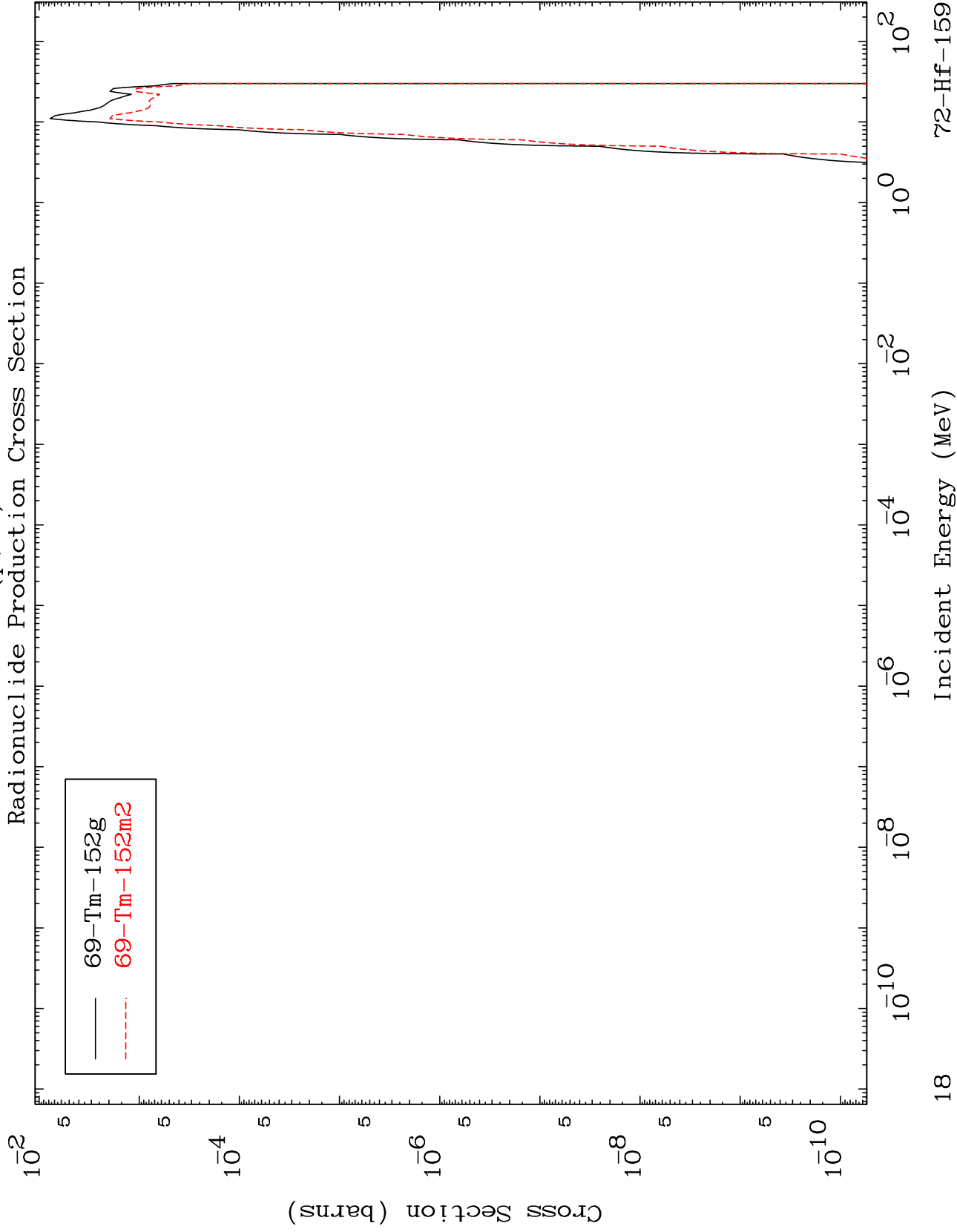
72-Hf-159

MAT 7180

(p,2 α)

72-Hf-159

Radionuclide Production Cross Section



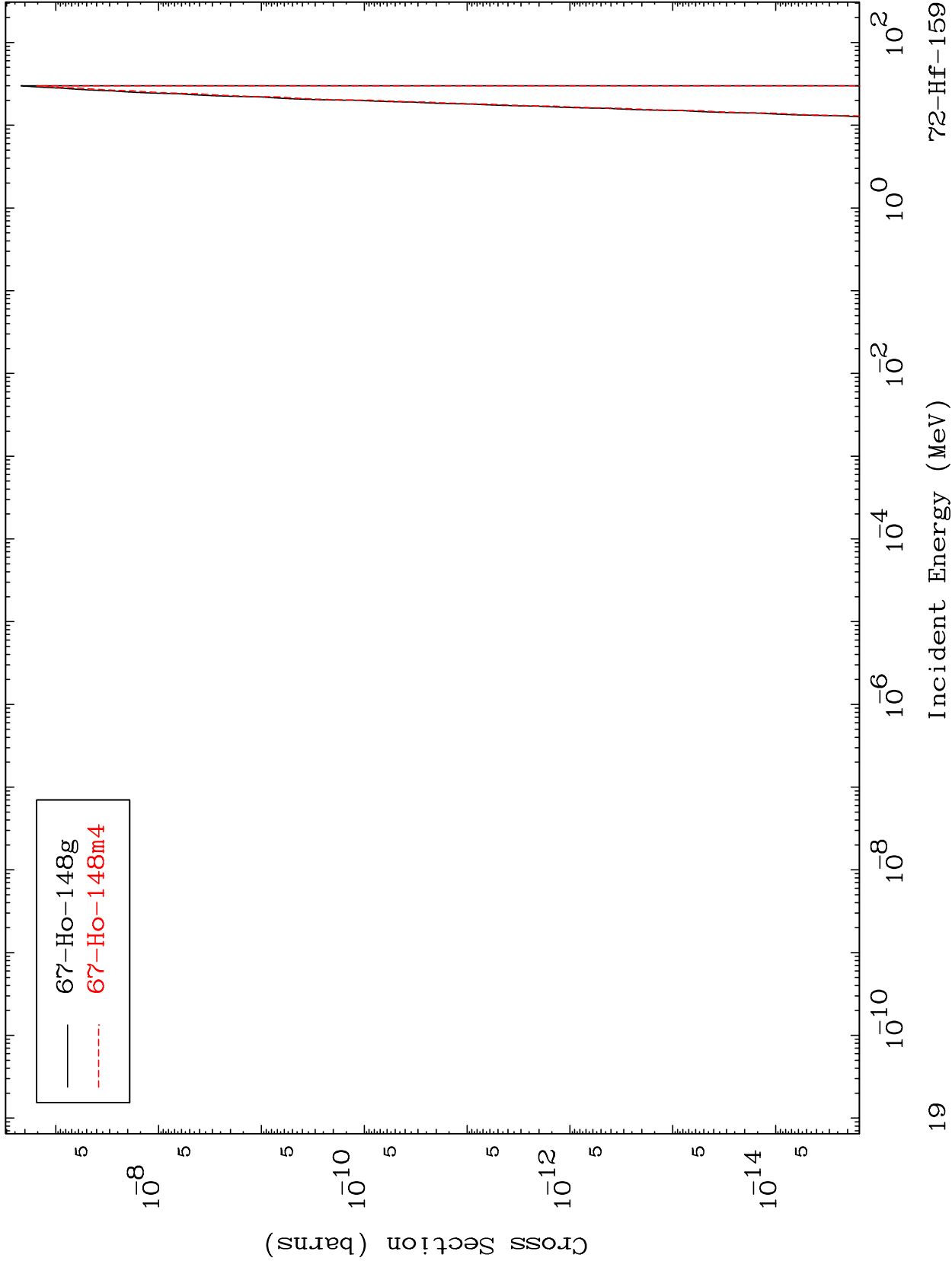
— 69-Tm-152g
- - - 69-Tm-152m2

MAT 7180

(p,3 α)

72-Hf-159

Radionuclide Production Cross Section

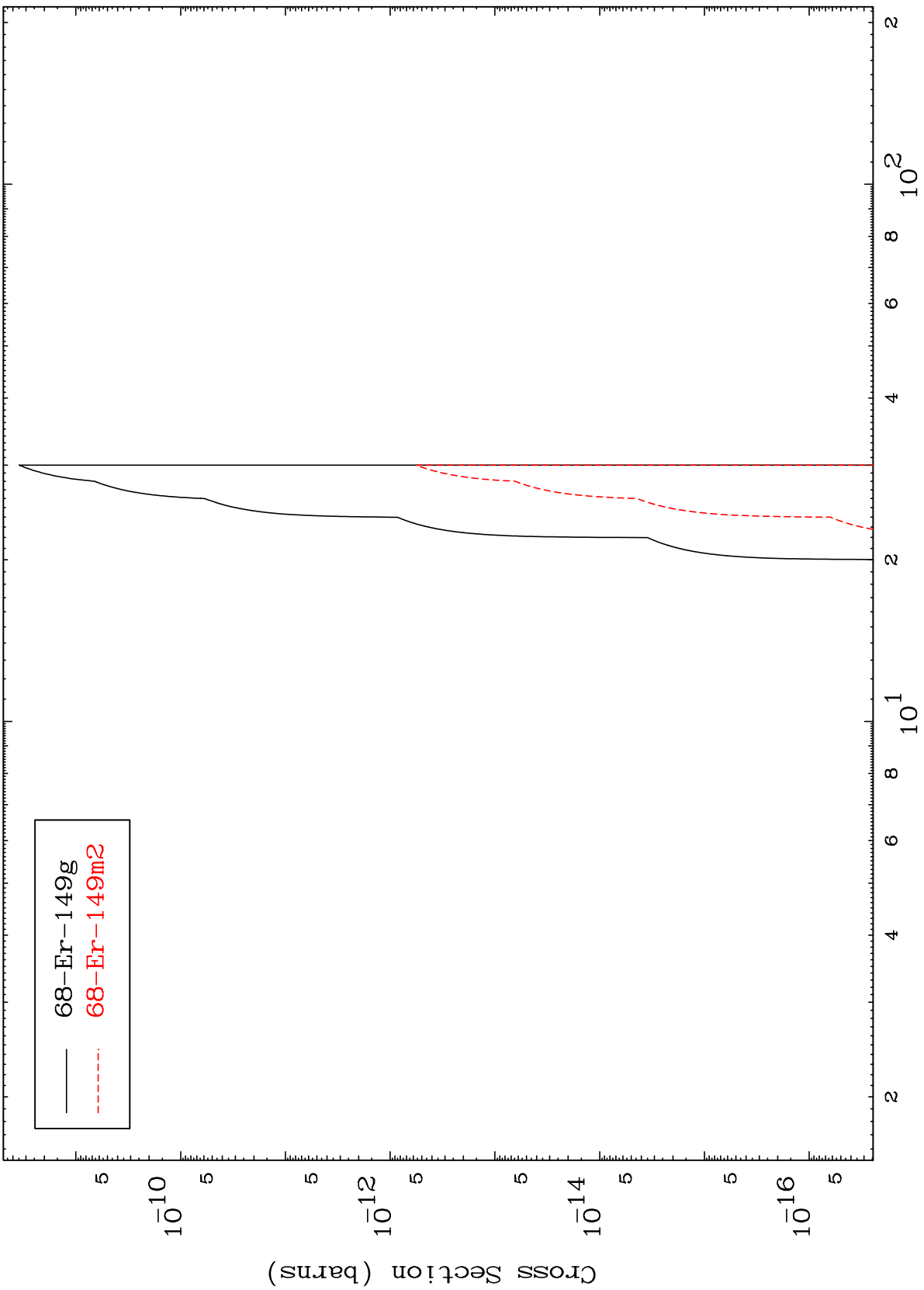


MAT 7180

(p,t) 2α

72-Hf-159

Radionuclide Production Cross Section



— 68-Er-149g
- - - 68-Er-149m2

