

Program EVALPLOT
(Version 2017-1)

by

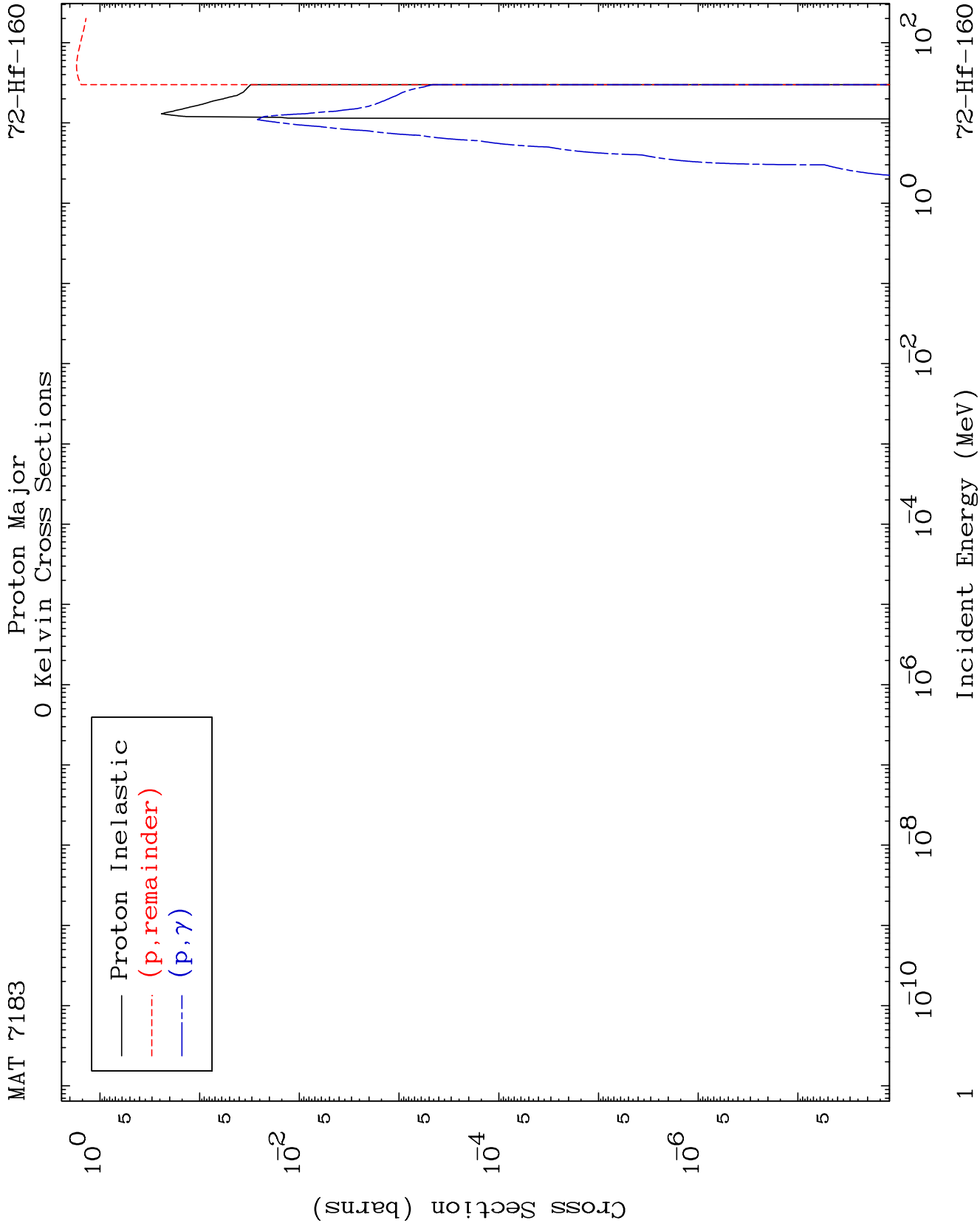
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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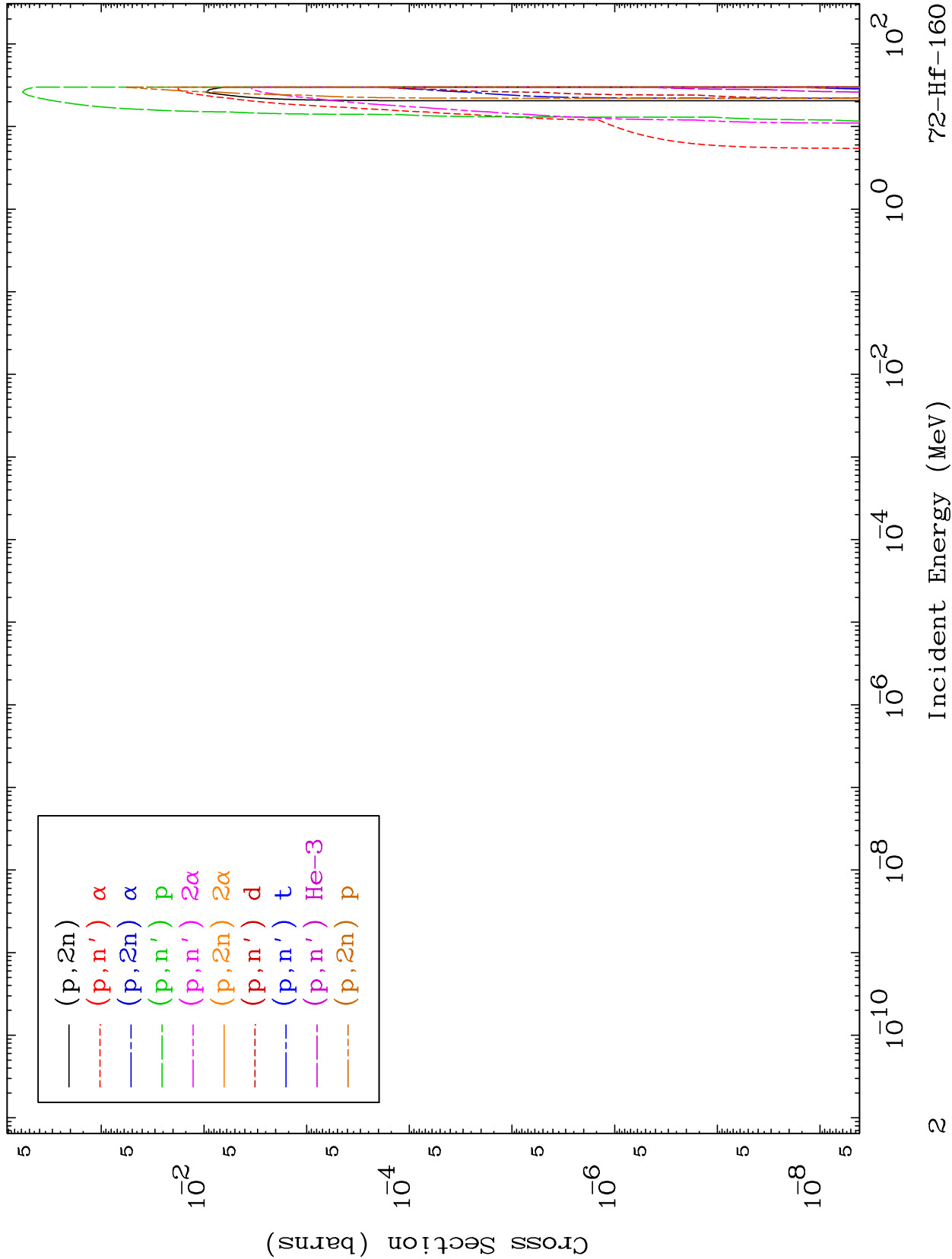
Press Mouse Button to Start



MAT 7183

Proton Neutron Production
0 Kelvin Cross Sections

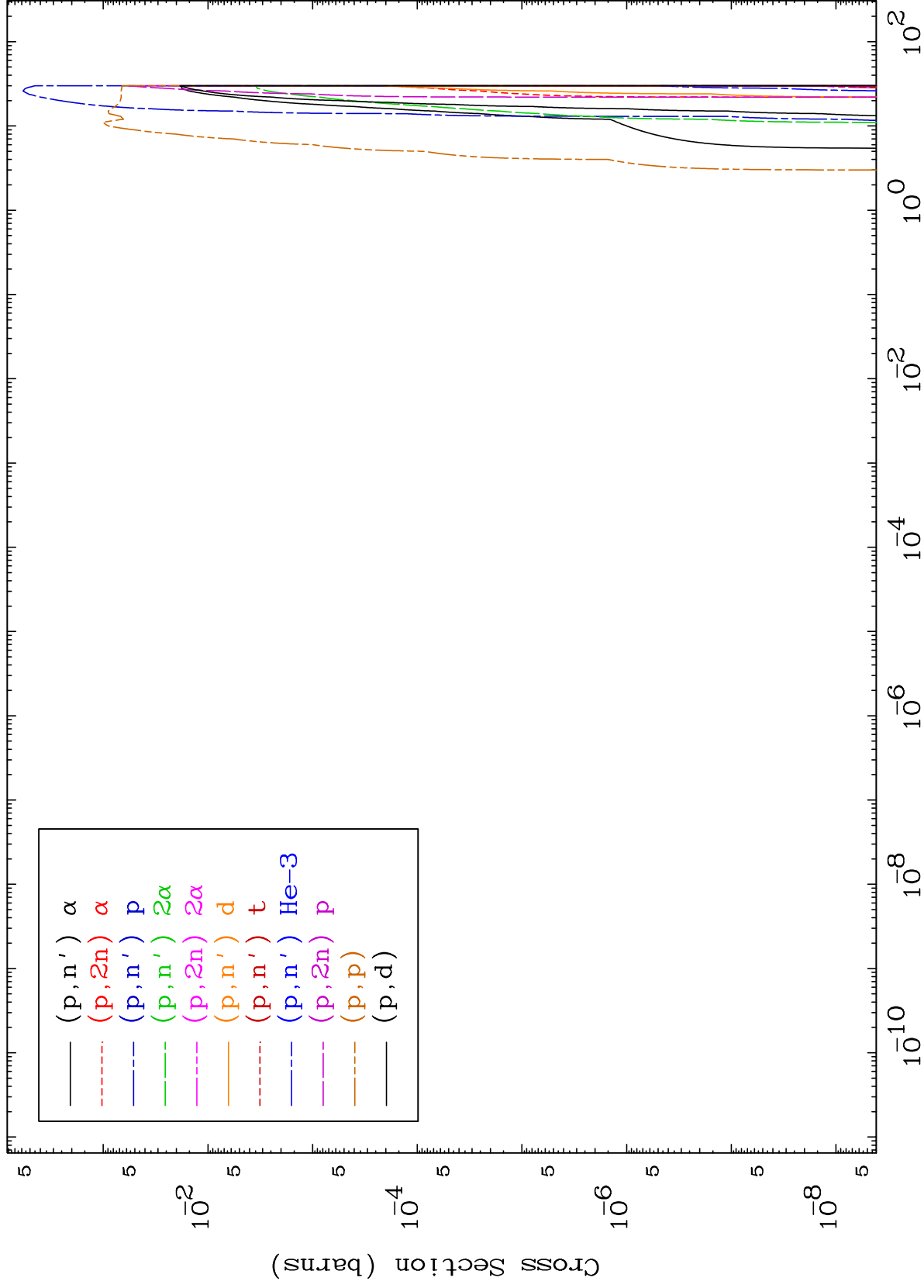
72-Hf-160

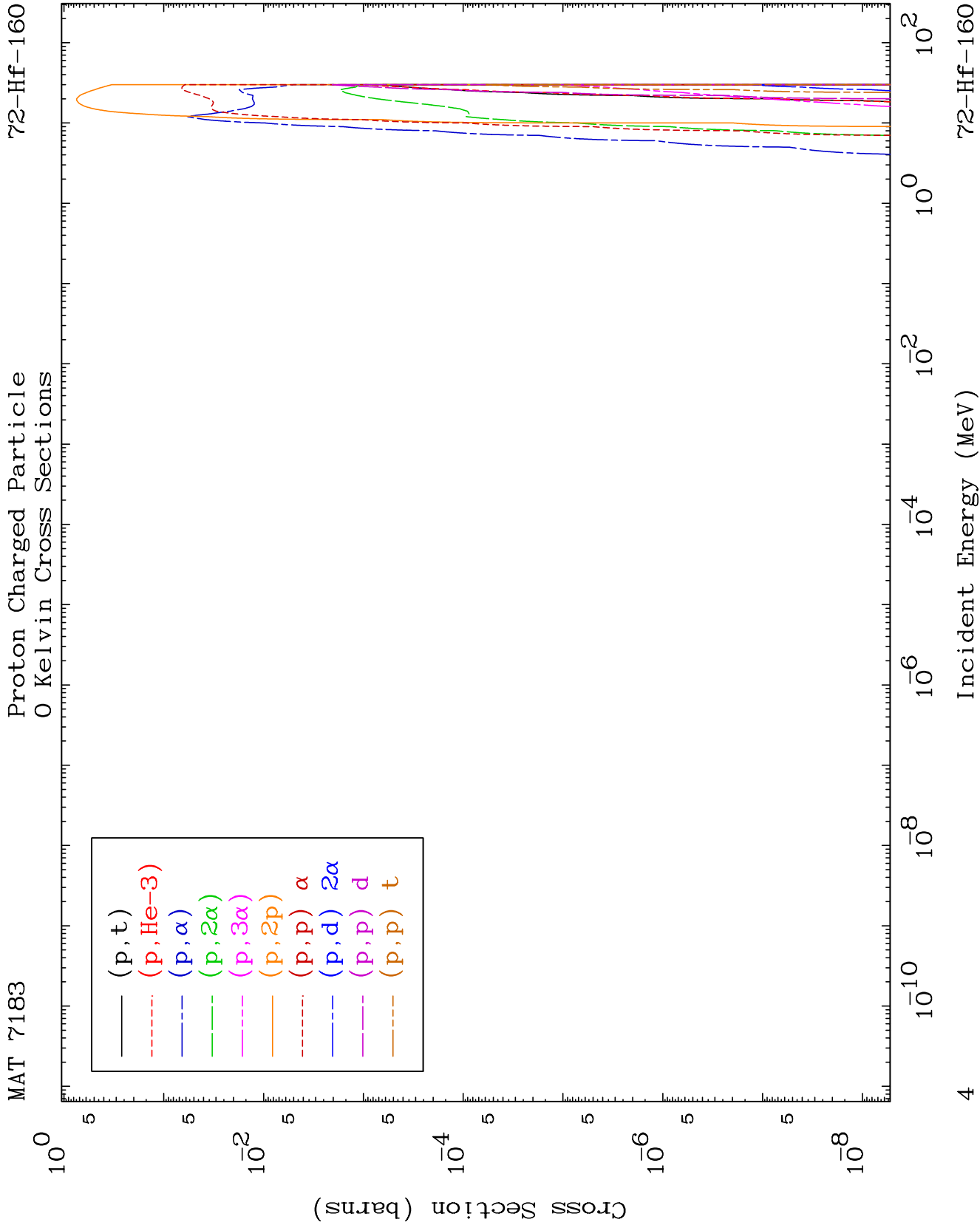


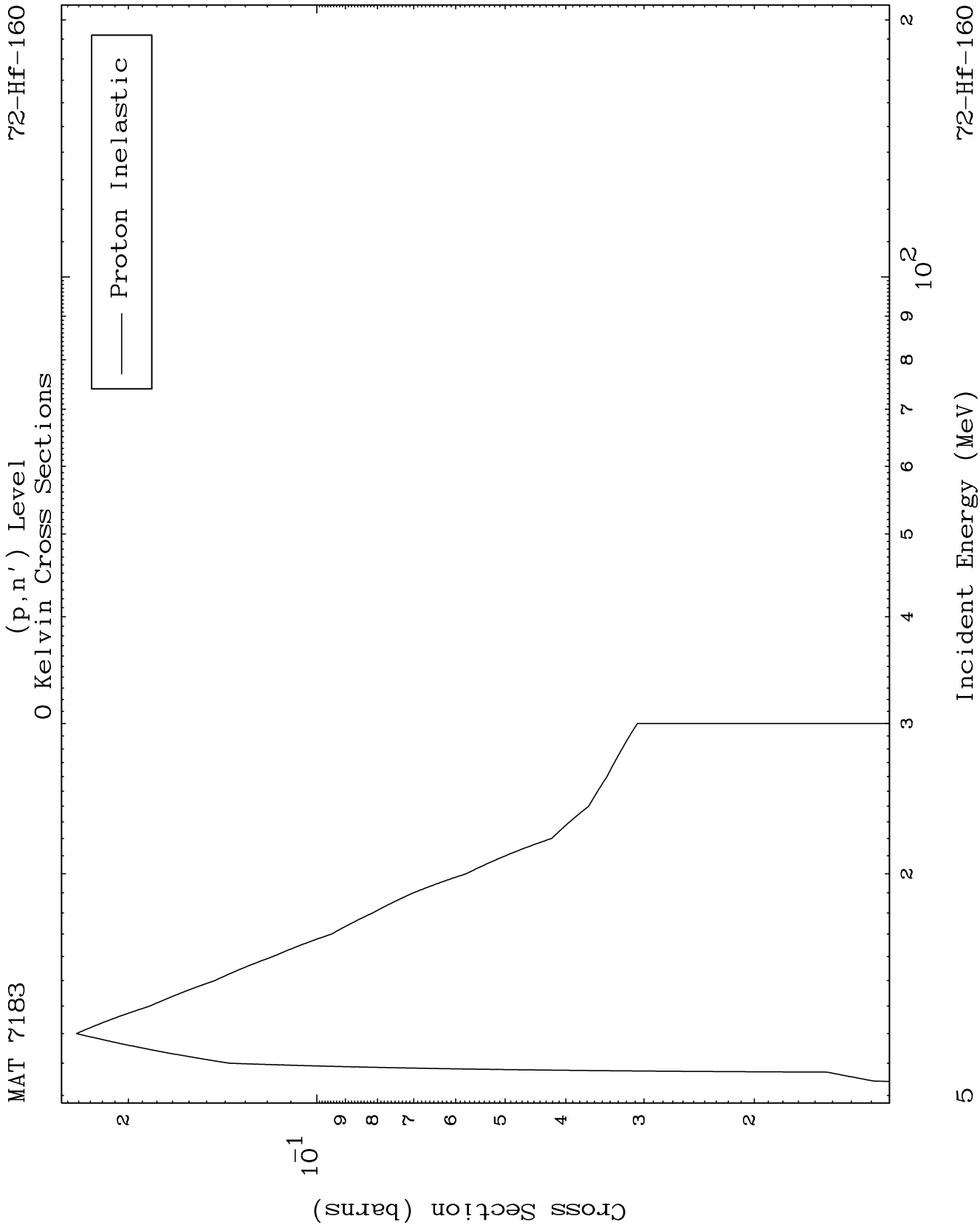
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Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-160



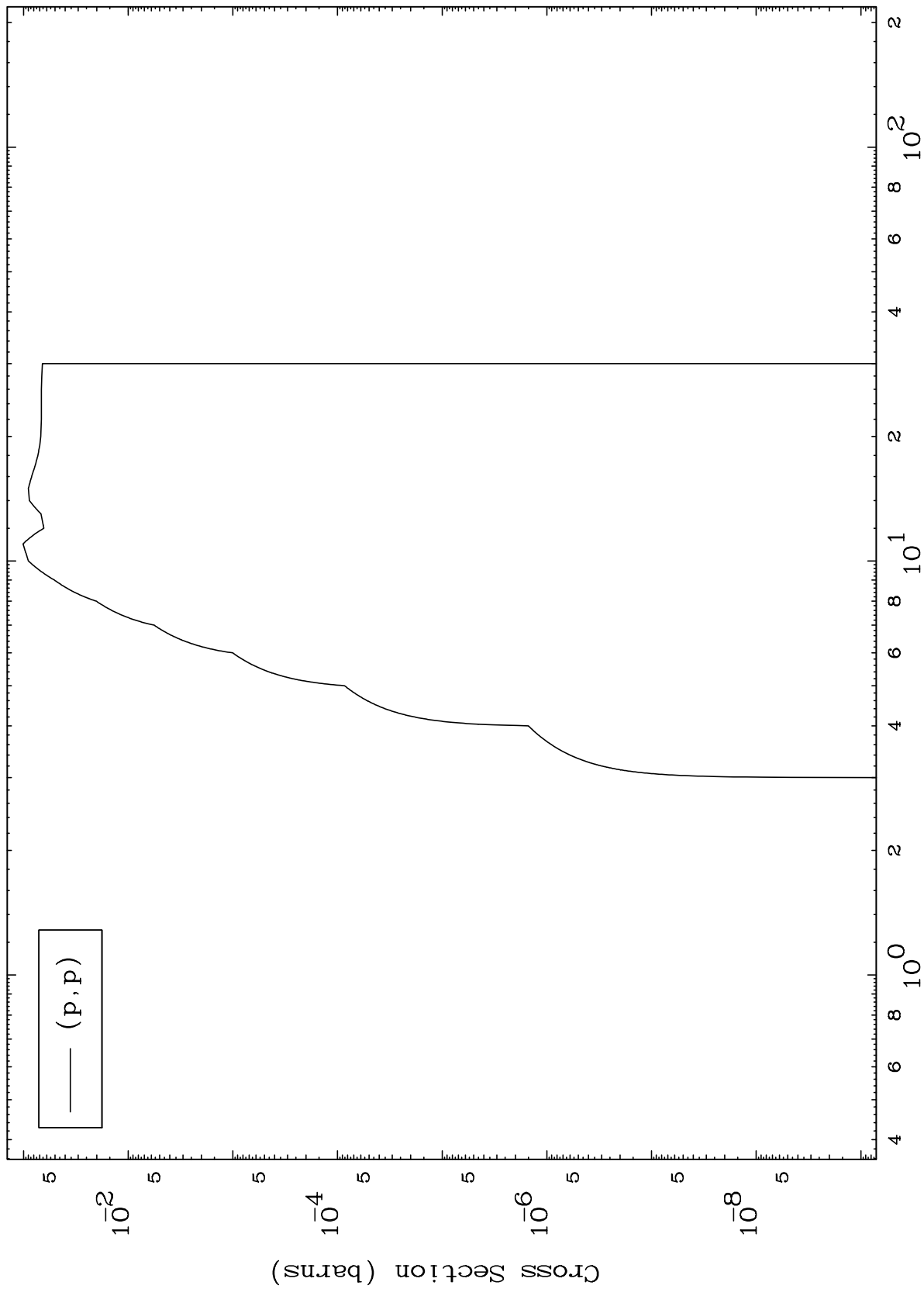




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72-Hf-160

(p,p) Levels
0 Kelvin Cross Sections



72-Hf-160

Incident Energy (MeV)

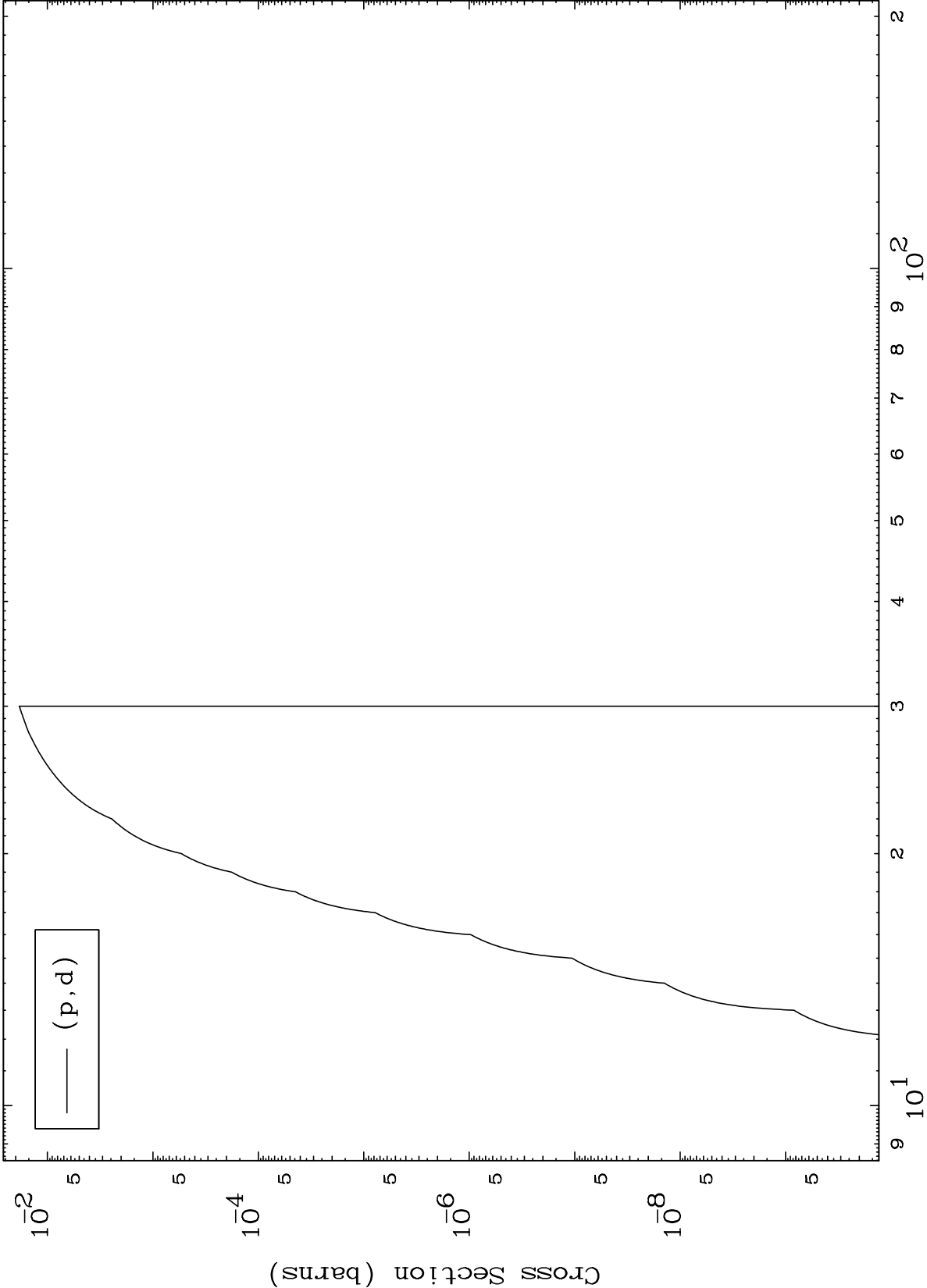
6

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(p,d) Levels

72-Hf-160

0 Kelvin Cross Sections



Incident Energy (MeV)

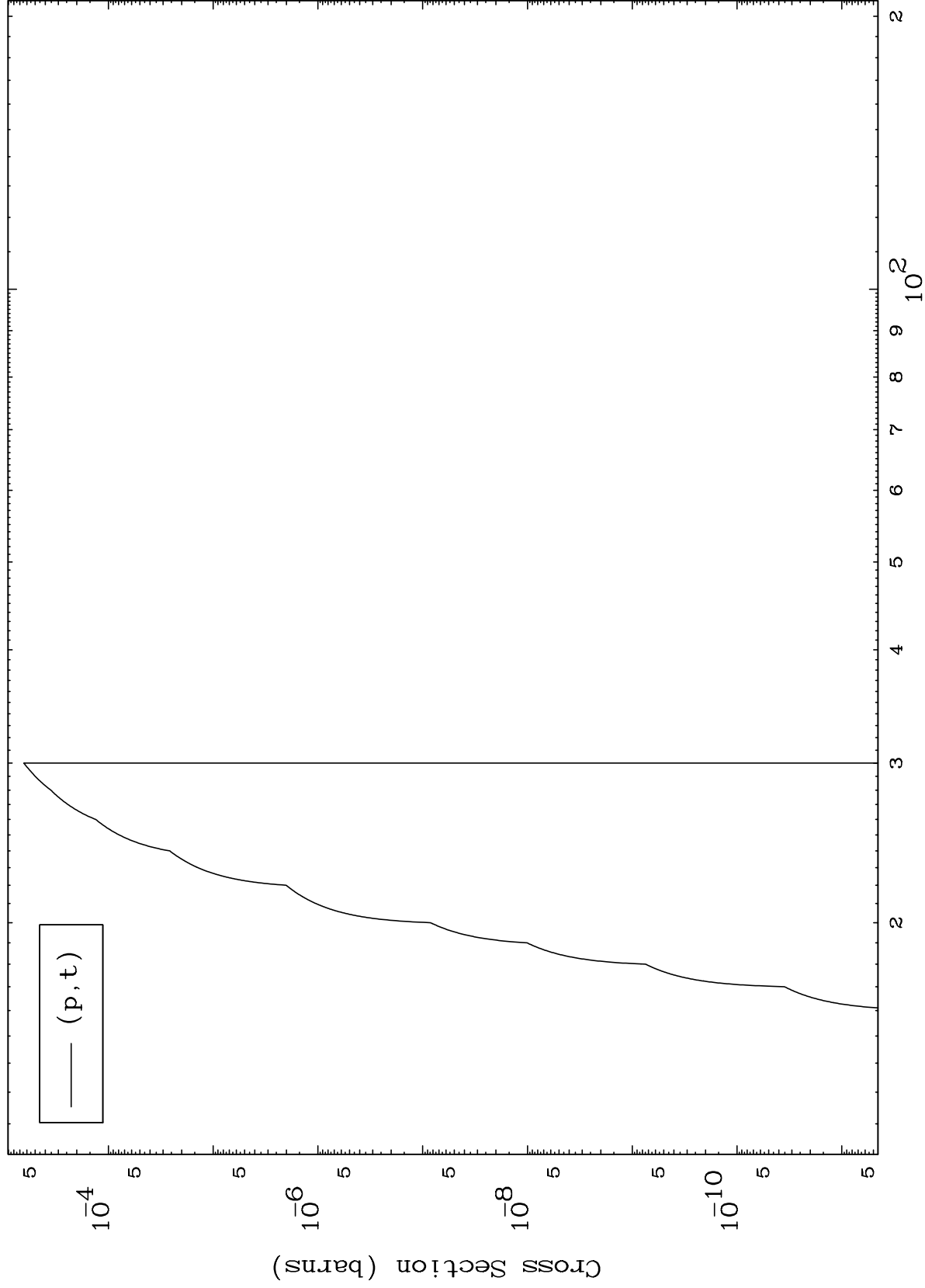
72-Hf-160

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(p,t) Levels

0 Kelvin Cross Sections

72-Hf-160



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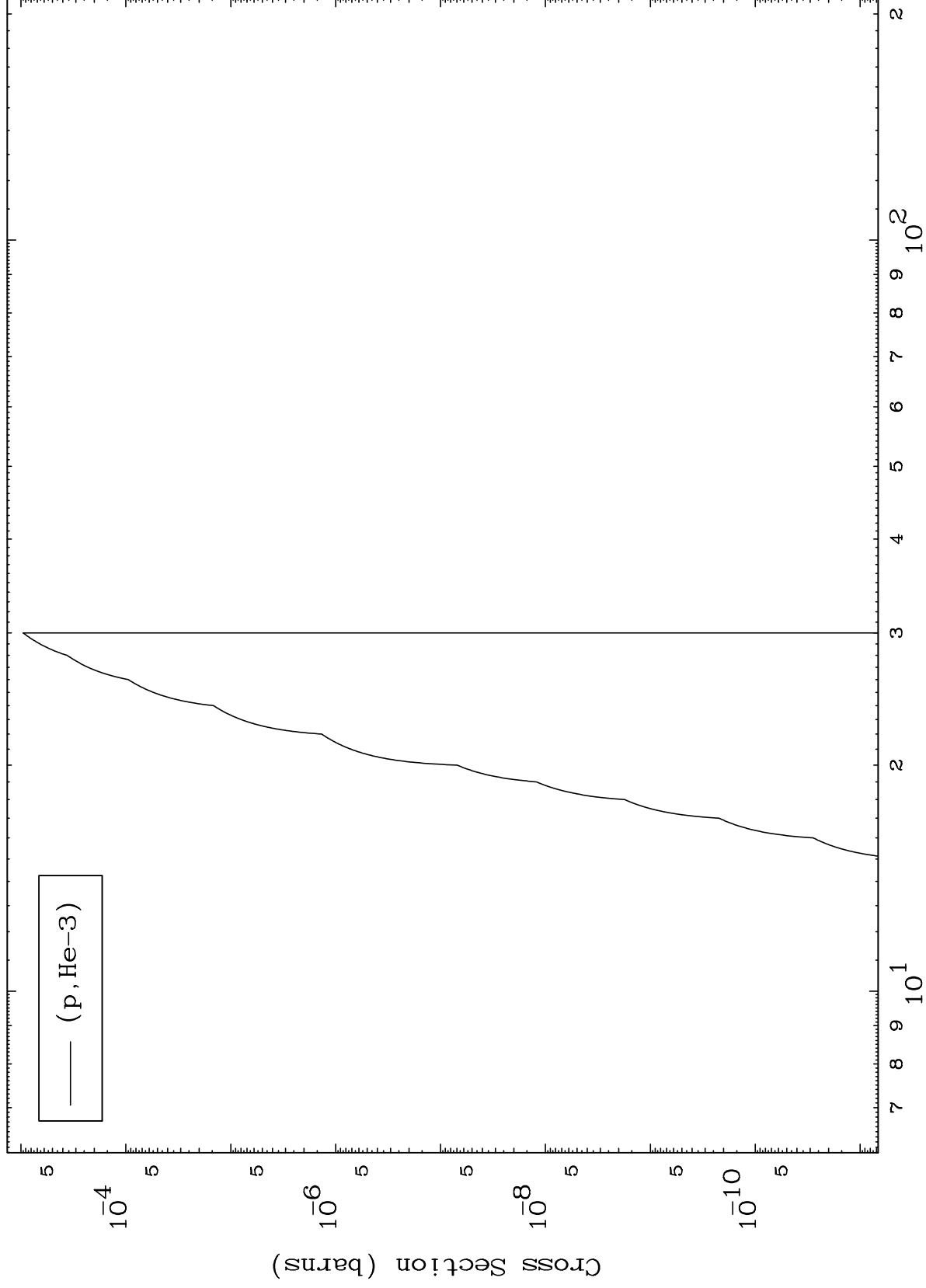
Incident Energy (MeV)

72-Hf-160

MAT 7183

72-Hf-160

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

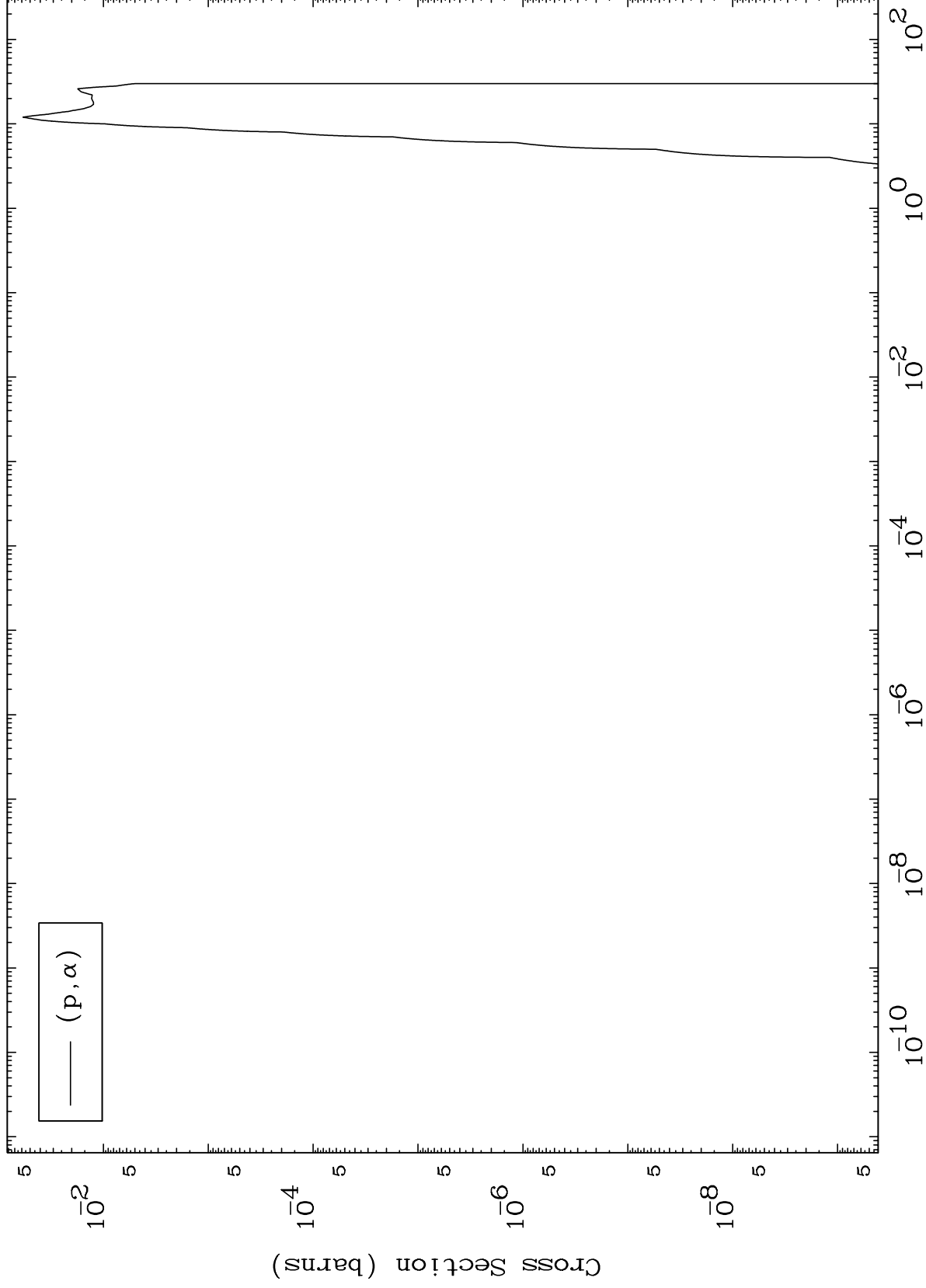
72-Hf-160

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(p, α) Levels

0 Kelvin Cross Sections

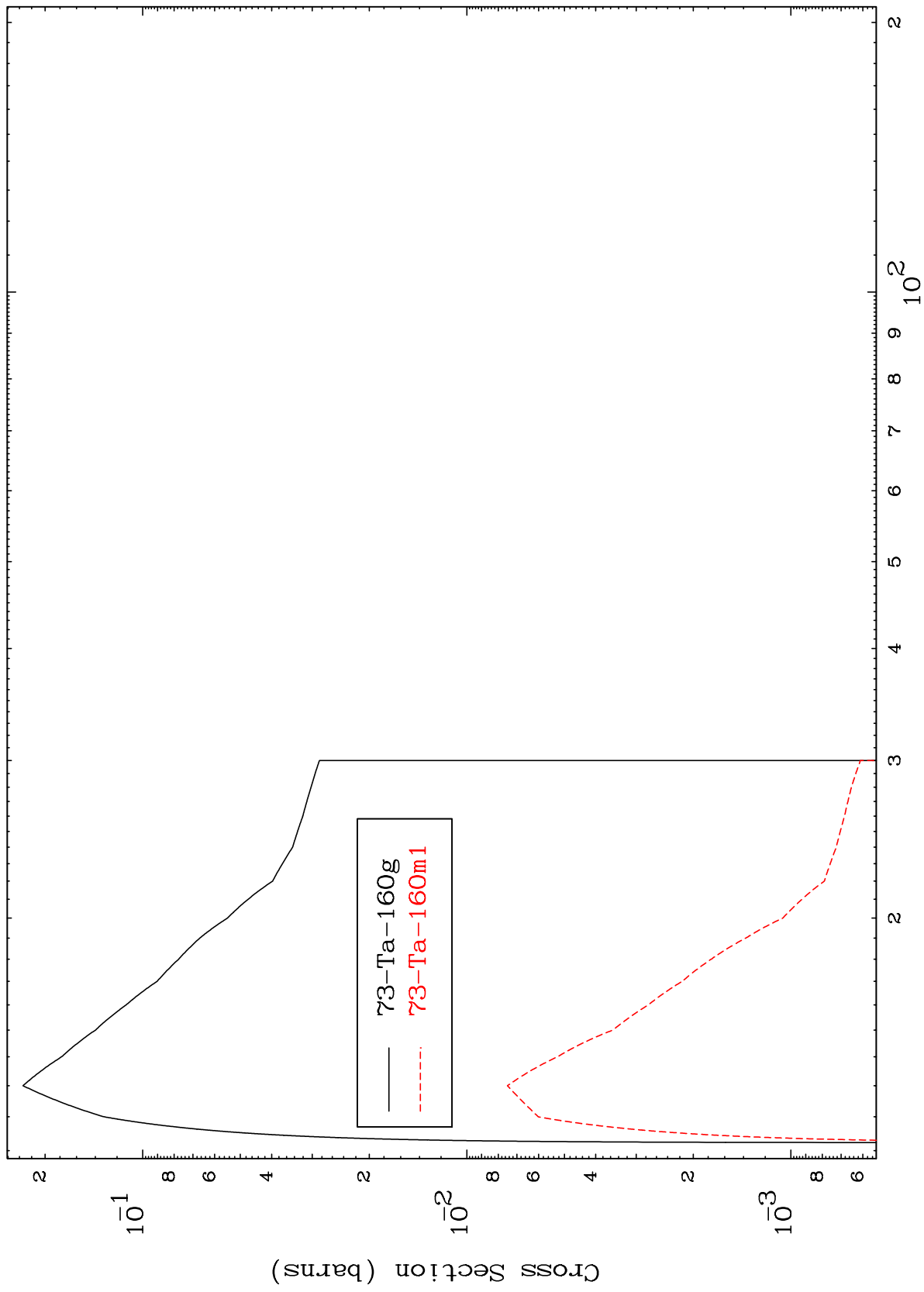
72-Hf-160

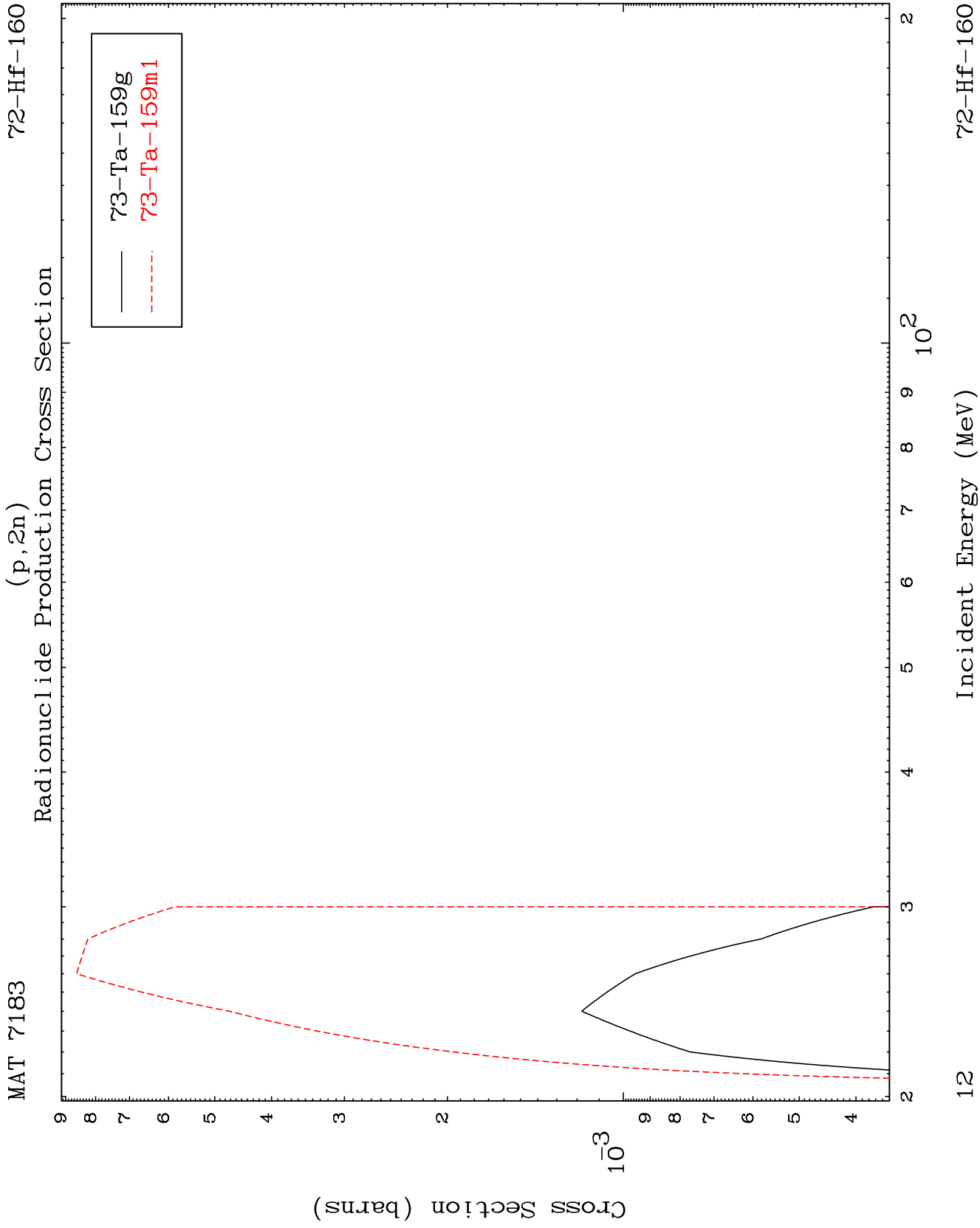


Incident Energy (MeV)

72-Hf-160

Proton Inelastic
Radionuclide Production Cross Section

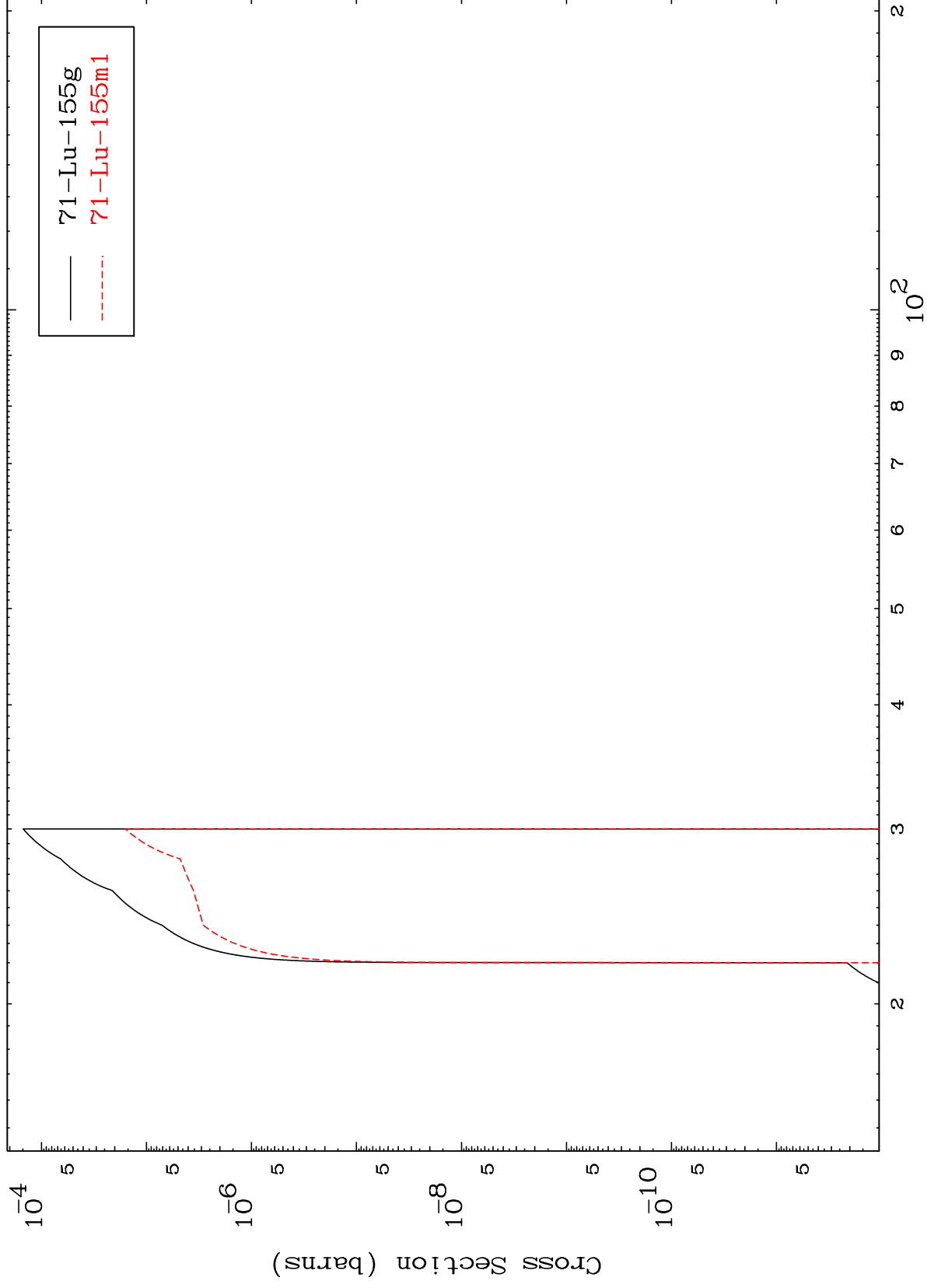




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72-Hf-160

(p,2n) α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

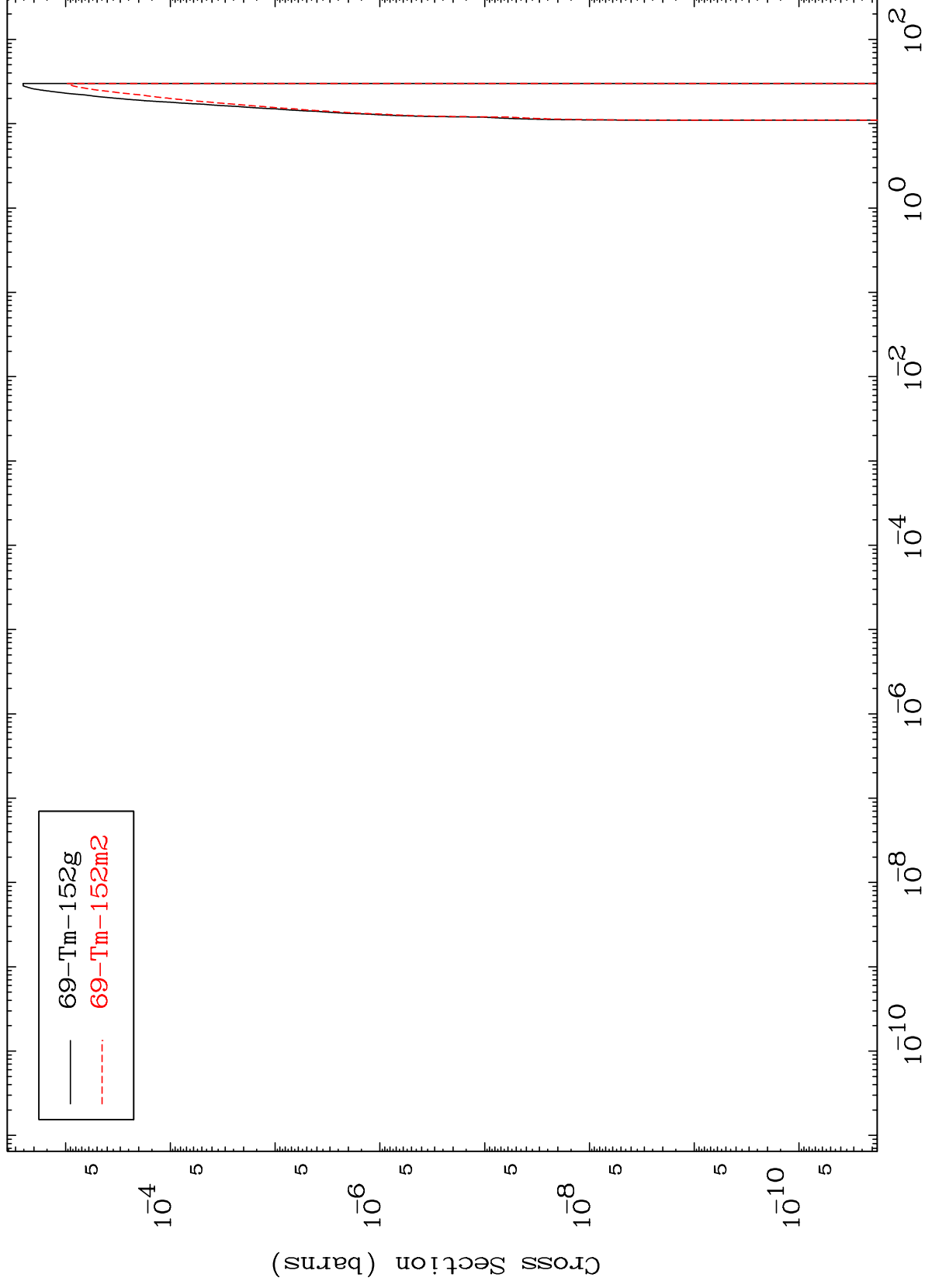
72-Hf-160

MAT 7183

(p,n') 2 α

72-Hf-160

Radionuclide Production Cross Section



14

Incident Energy (MeV)

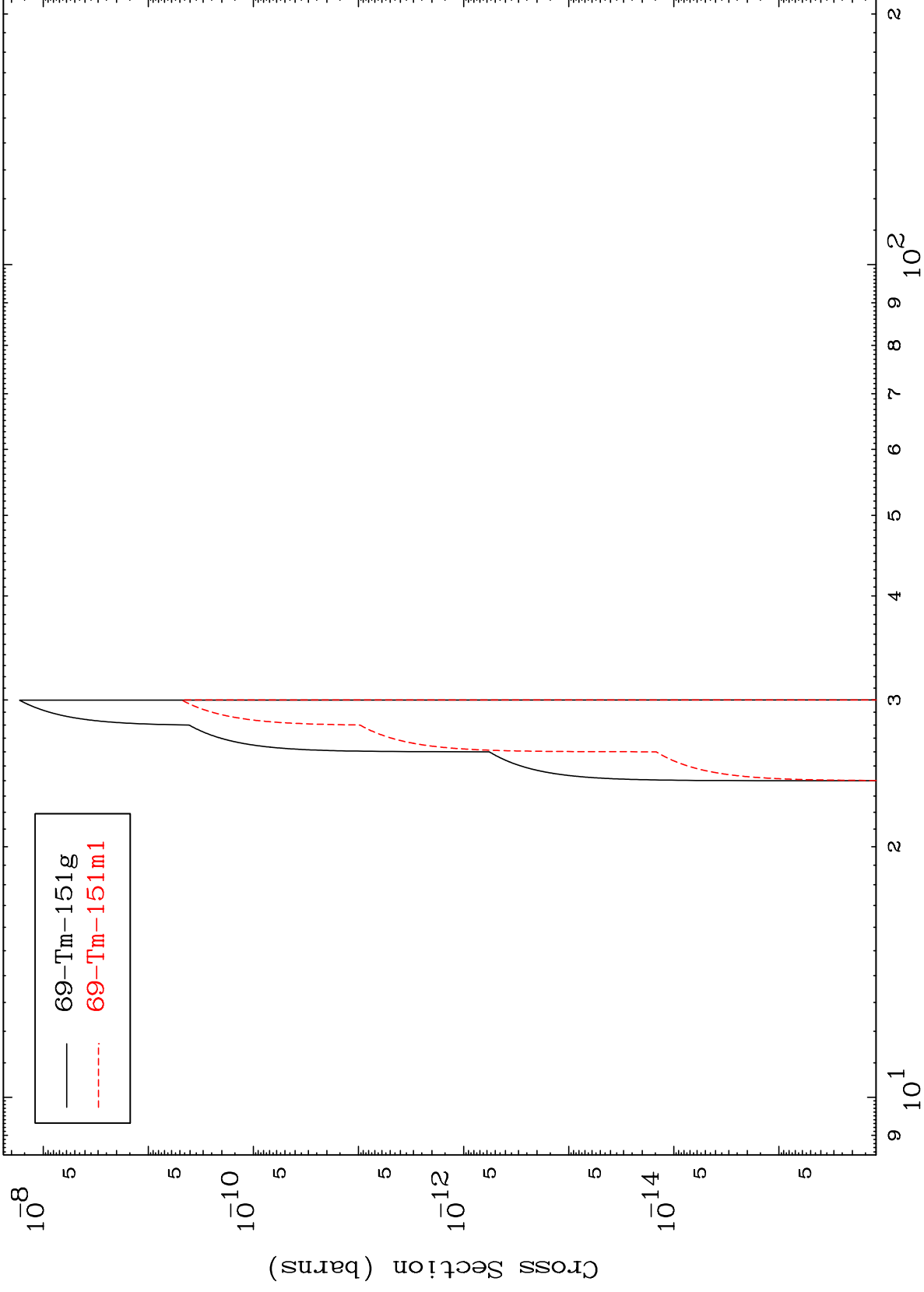
72-Hf-160

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(p,2n) 2α

$^{72}\text{Hf-160}$

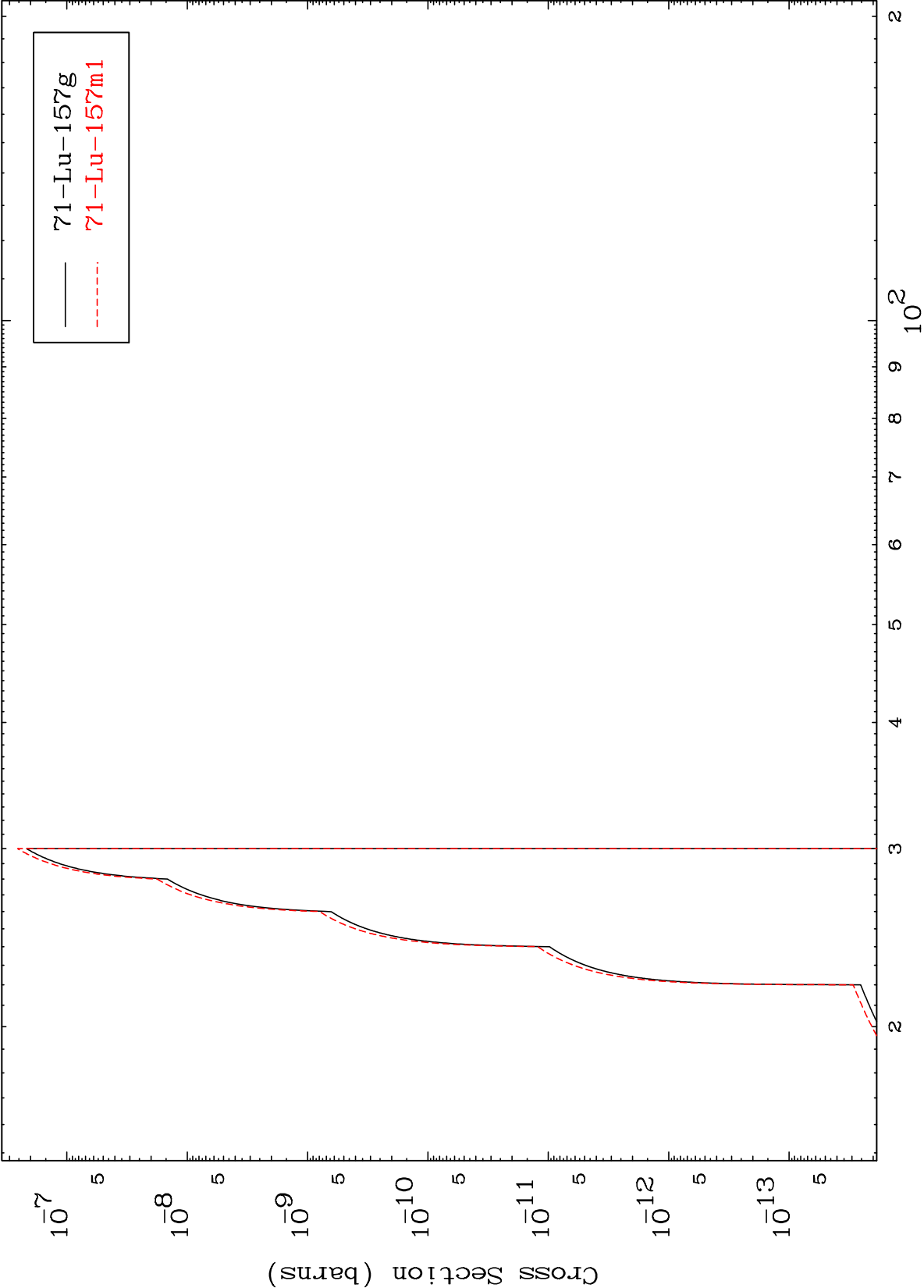
Radionuclide Production Cross Section



Incident Energy (MeV)

$^{72}\text{Hf-160}$

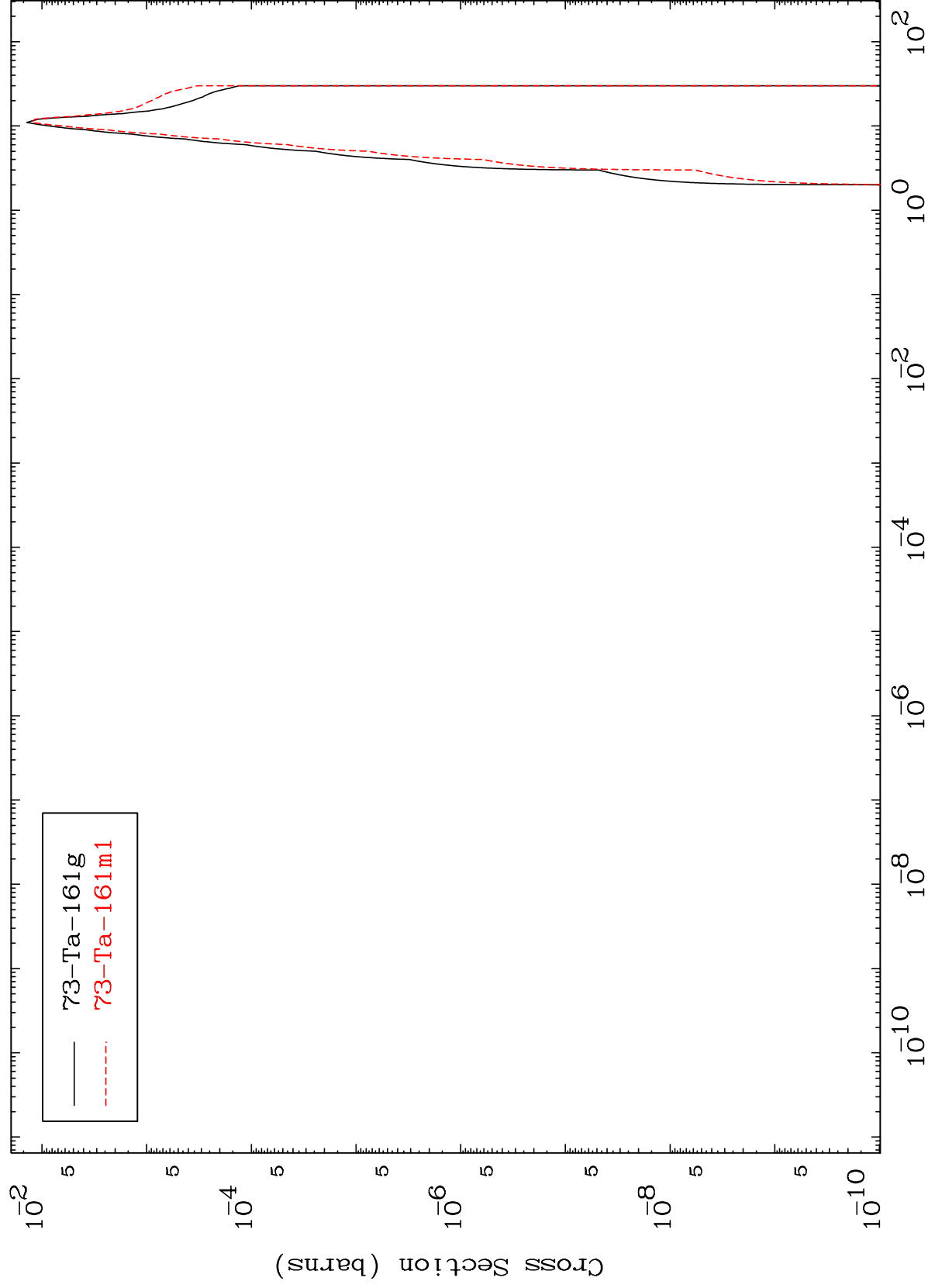
Radionuclide Production Cross Section



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72-Hf-160

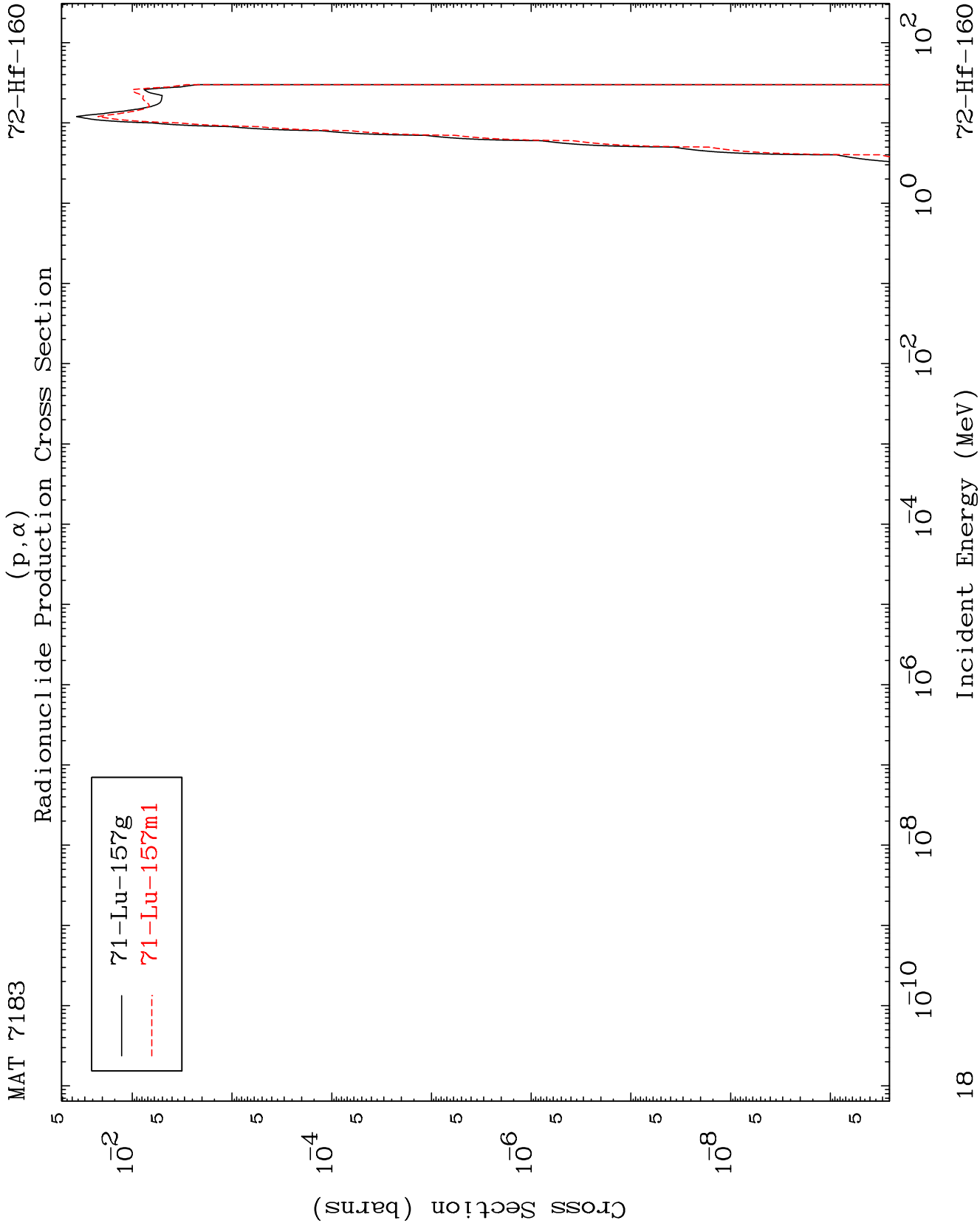
Radionuclide Production Cross Section
(p, γ)



17

Incident Energy (MeV)

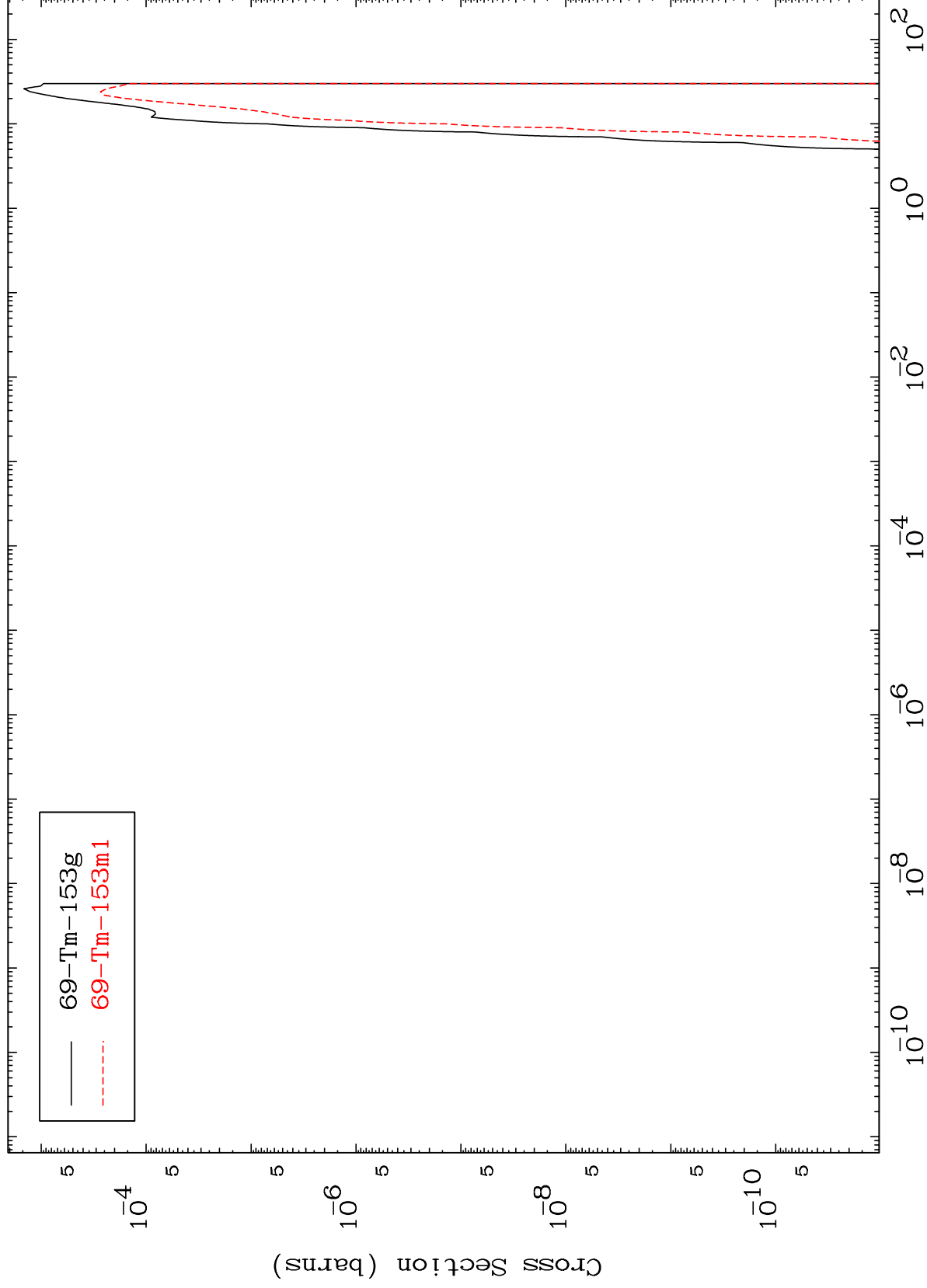
72-Hf-160



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72-Hf-160

Radionuclide Production Cross Section
(p,2 α)

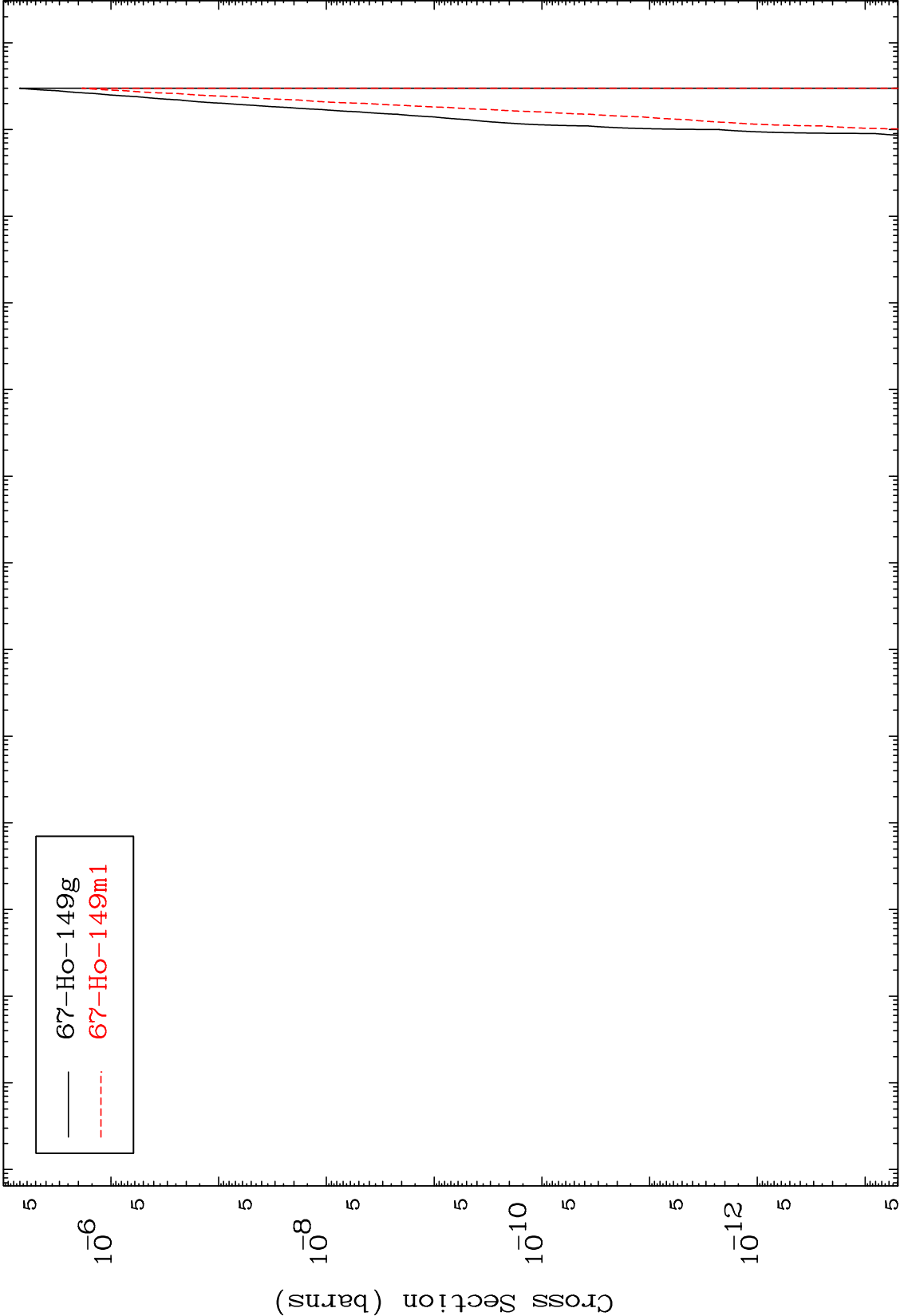


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Incident Energy (MeV)

72-Hf-160

Radionuclide Production Cross Section



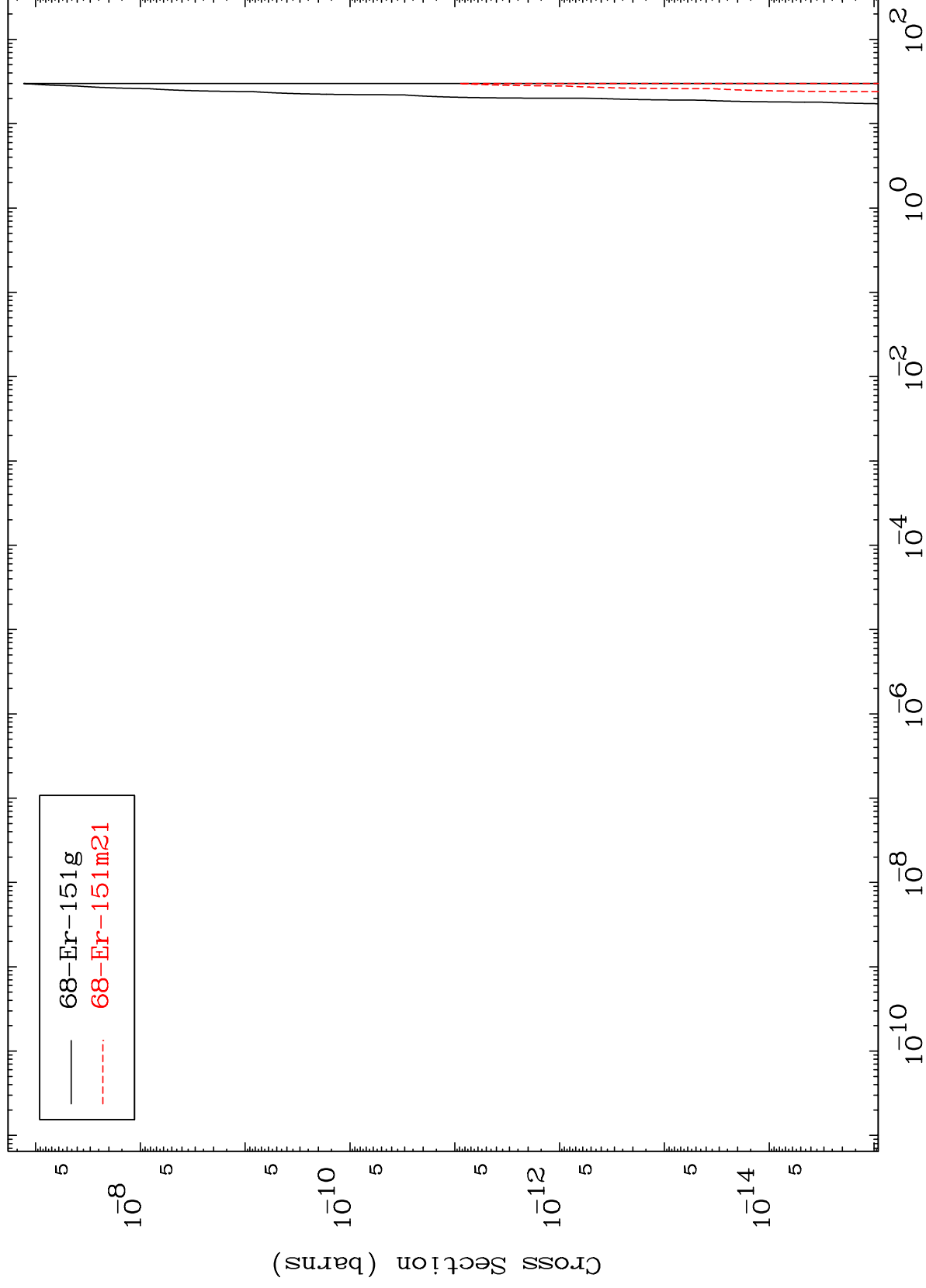
— $^{67}\text{Ho-149g}$
- - - $^{67}\text{Ho-149m1}$

MAT 7183

(p,d) 2α

$^{72}\text{Hf-160}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

$^{72}\text{Hf-160}$

(p,p) t
Radionuclide Production Cross Section

