

Program EVALPLOT  
(Version 2021-1)

by

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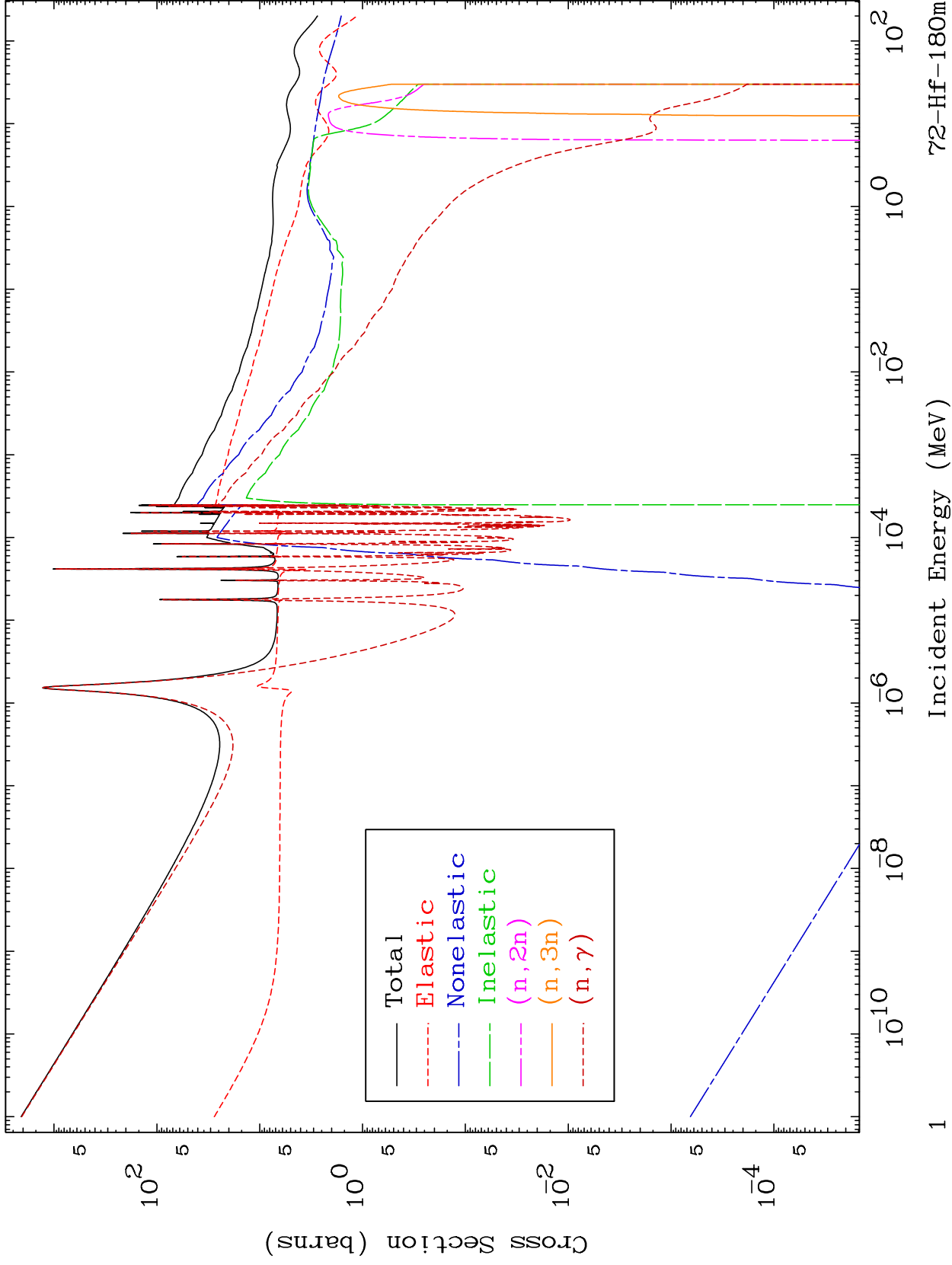
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7244

Neutron Major  
293 Kelvin Cross Sections

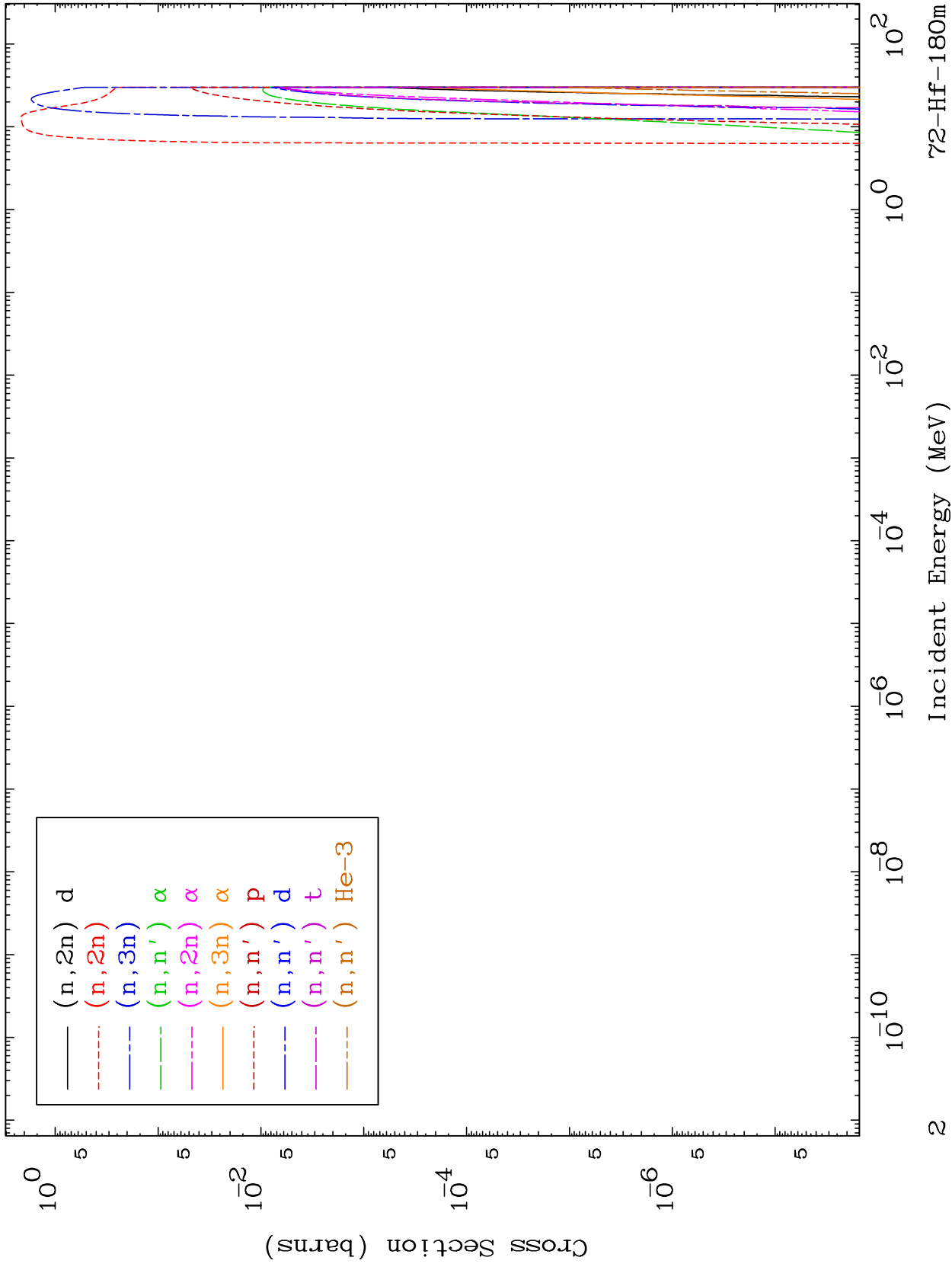
72-Hf-180m



MAT 7244

Neutron Absorption  
293 Kelvin Cross Sections

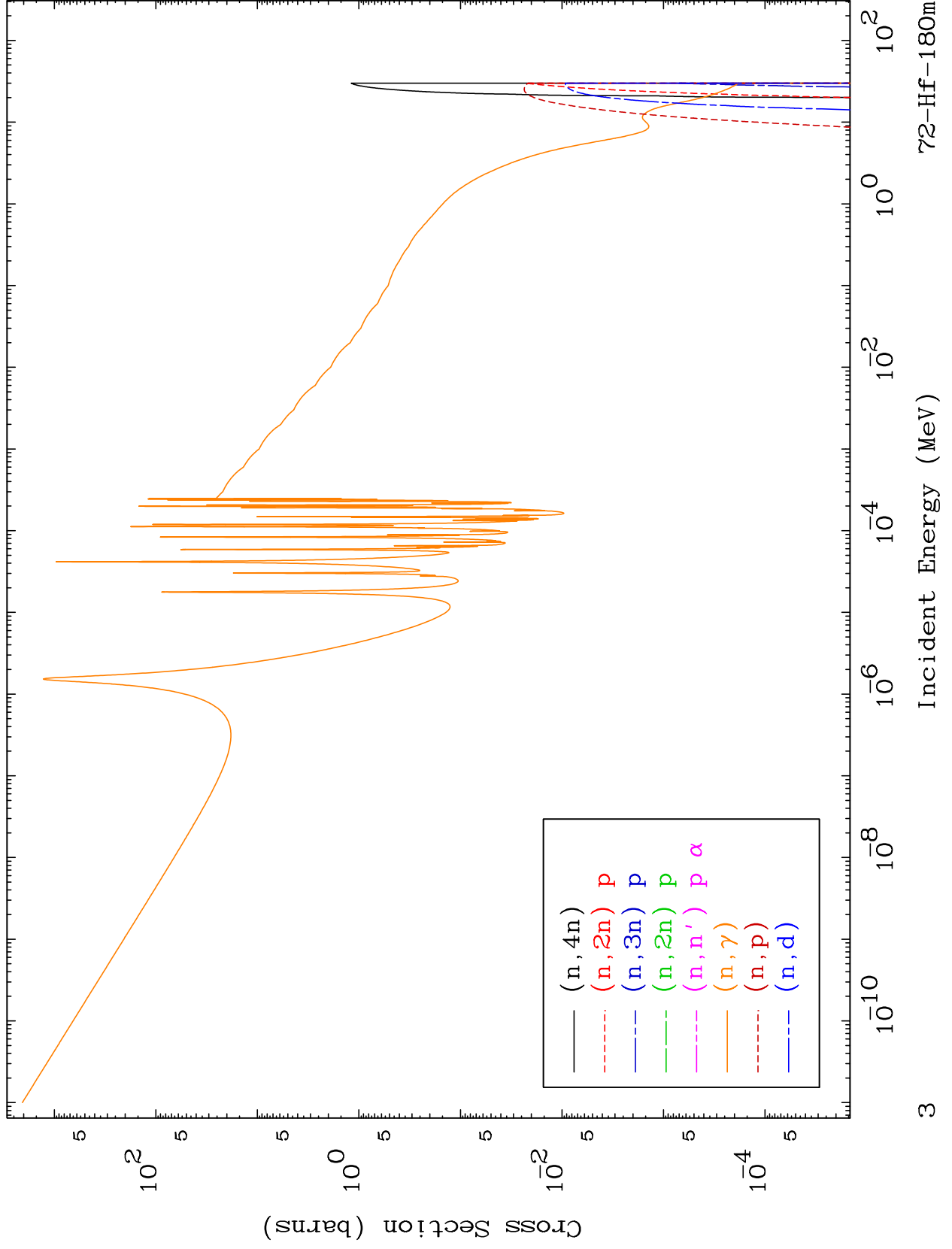
72-Hf-180m



MAT 7244

Neutron Absorption  
293 Kelvin Cross Sections

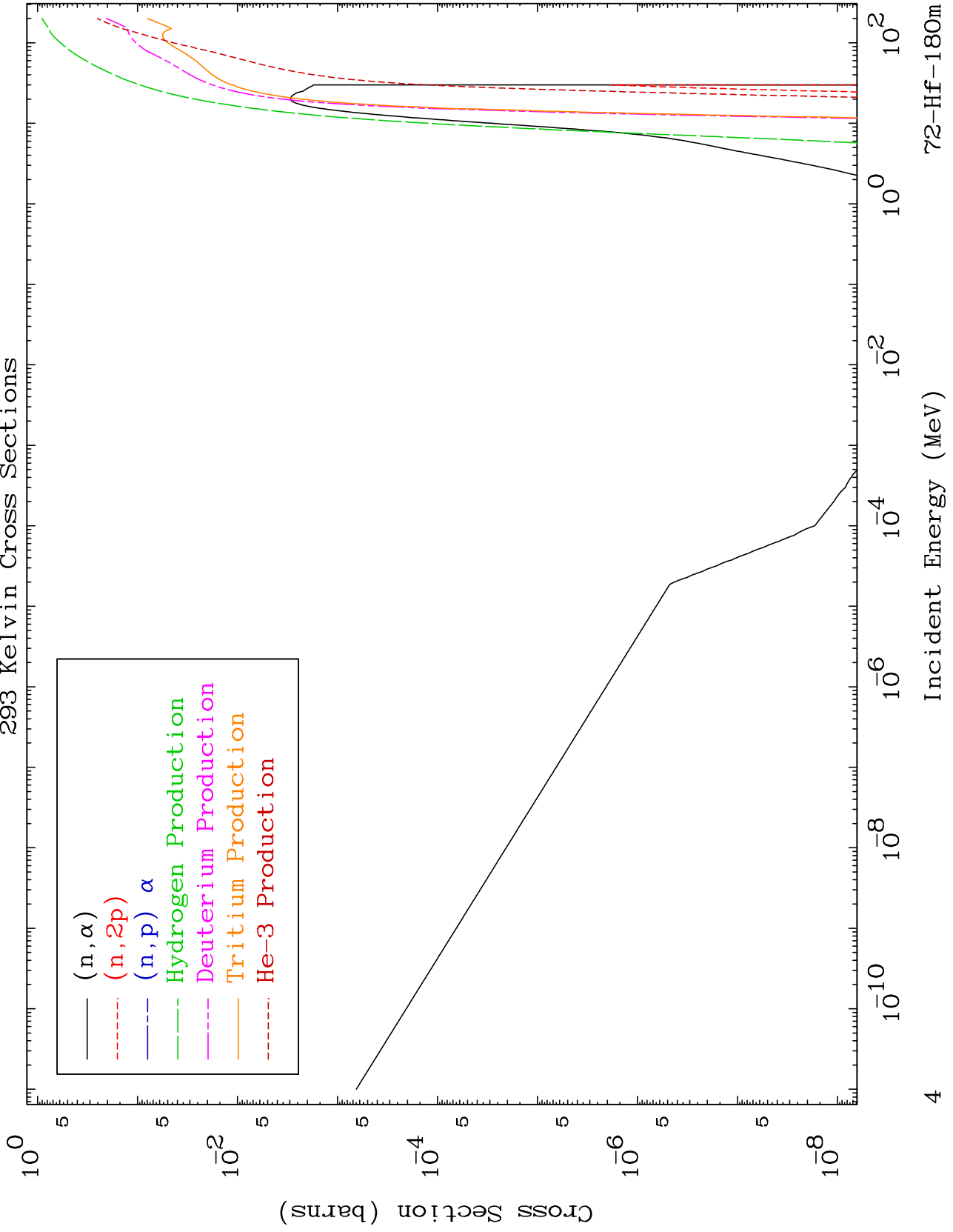
72-Hf-180m



MAT 7244

Neutron Absorption  
293 Kelvin Cross Sections

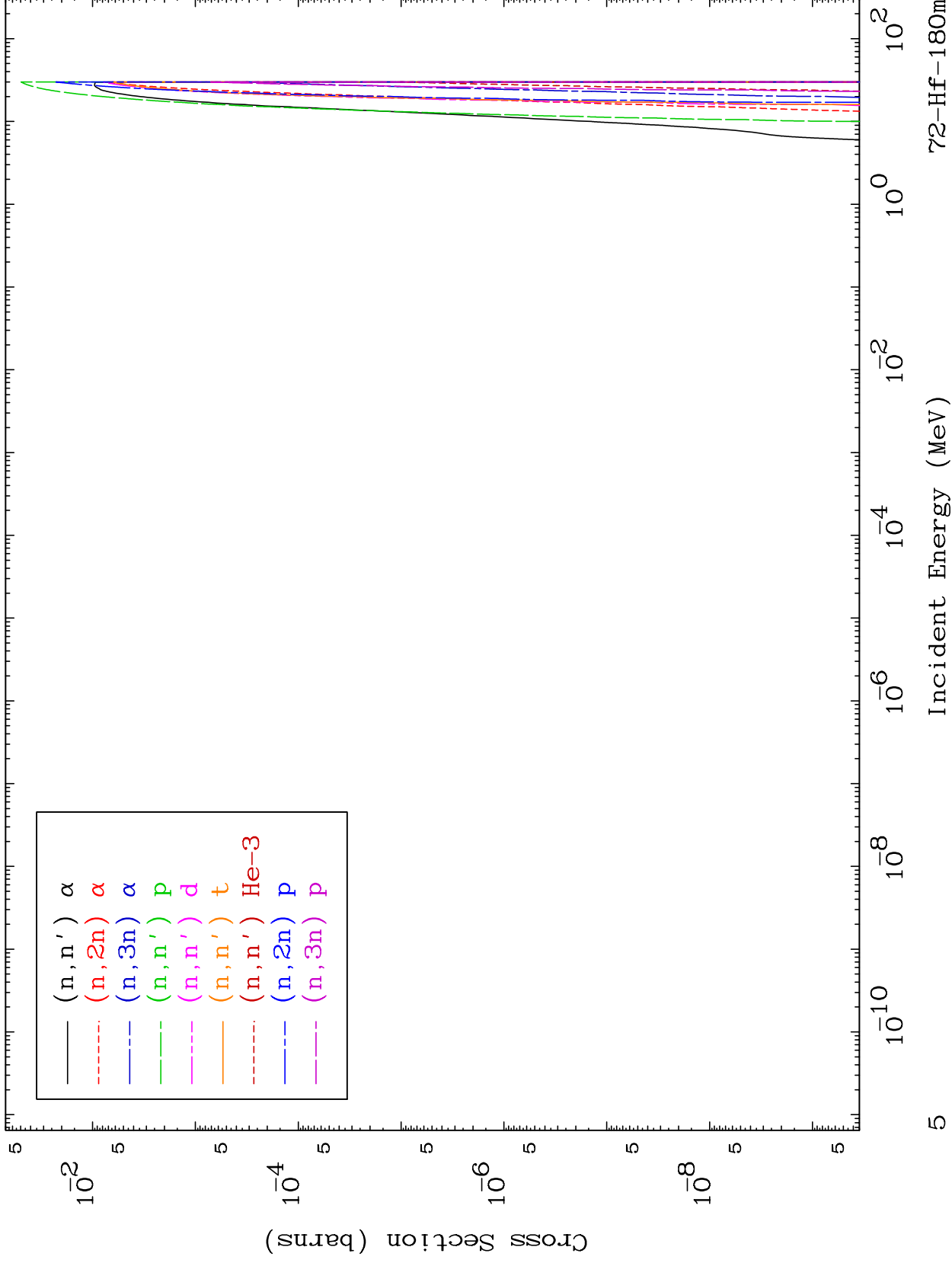
<sup>72</sup>Hf-180m



MAT 7244

Charged Particle  
293 Kelvin Cross Sections

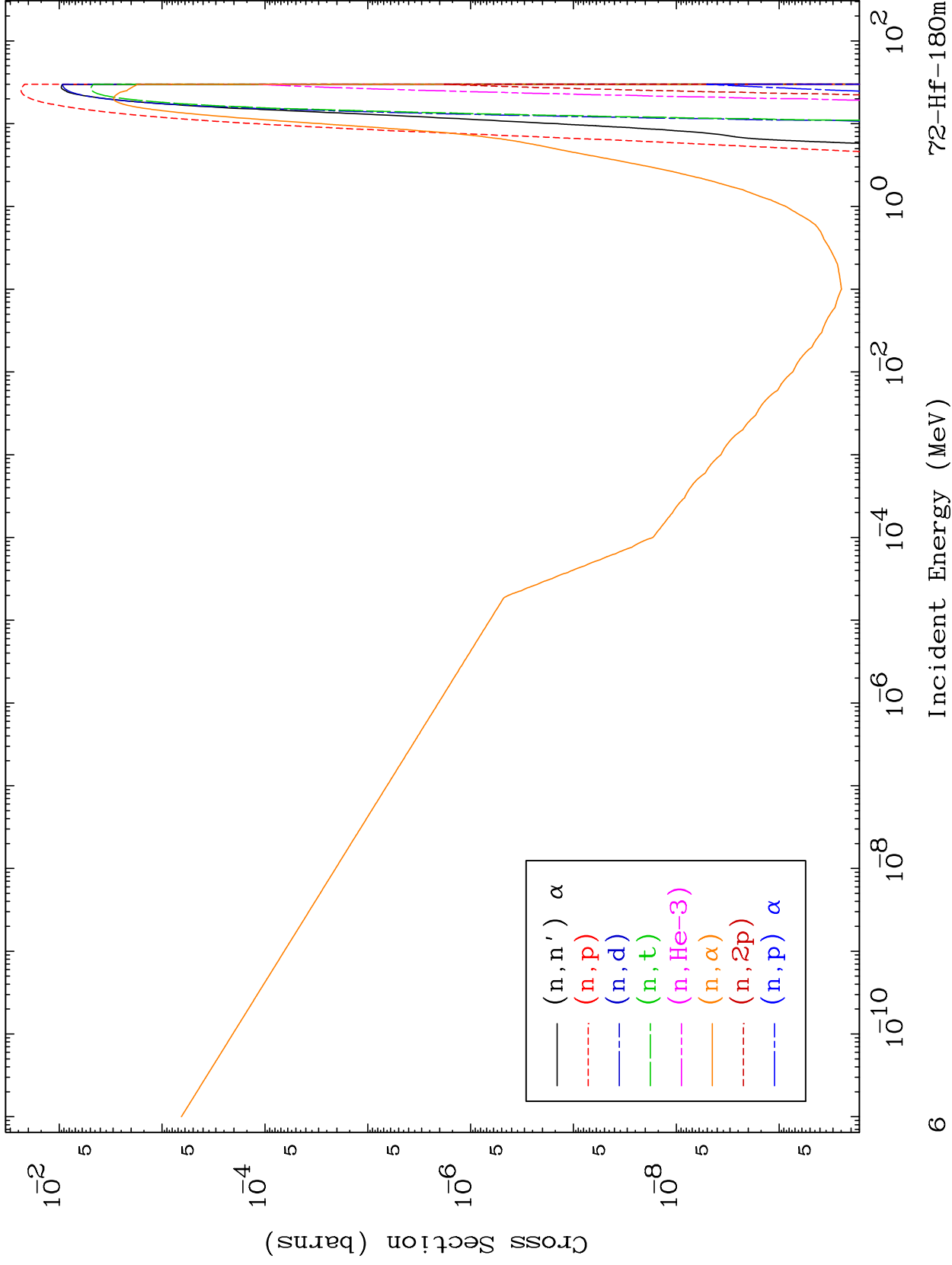
72-Hf-180m



MAT 7244

Charged Particle  
293 Kelvin Cross Sections

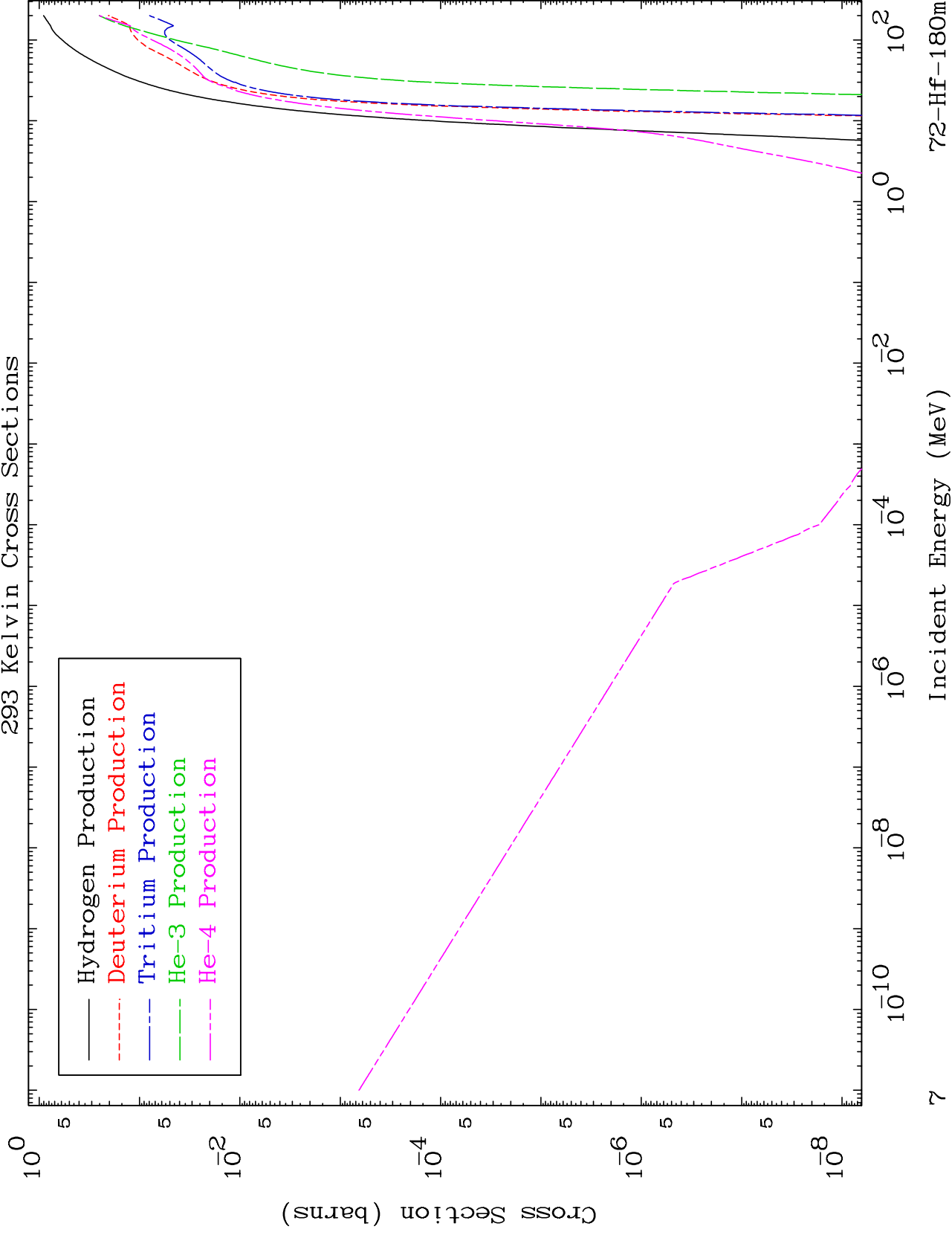
72-Hf-180m



MAT 7244

Particle Production  
293 Kelvin Cross Sections

72-Hf-180m

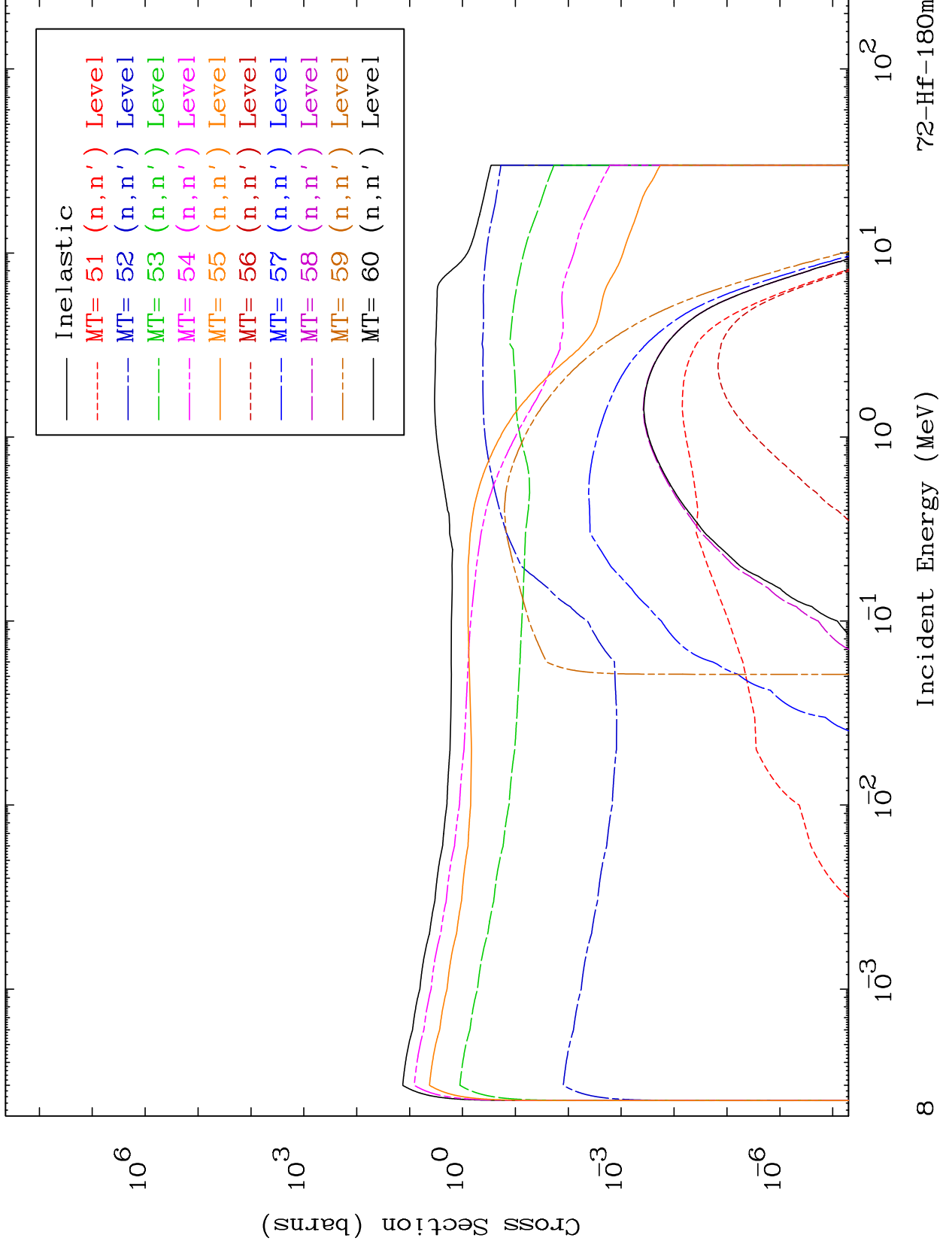


MAT 7244

(n,n') Levels

293 Kelvin Cross Sections

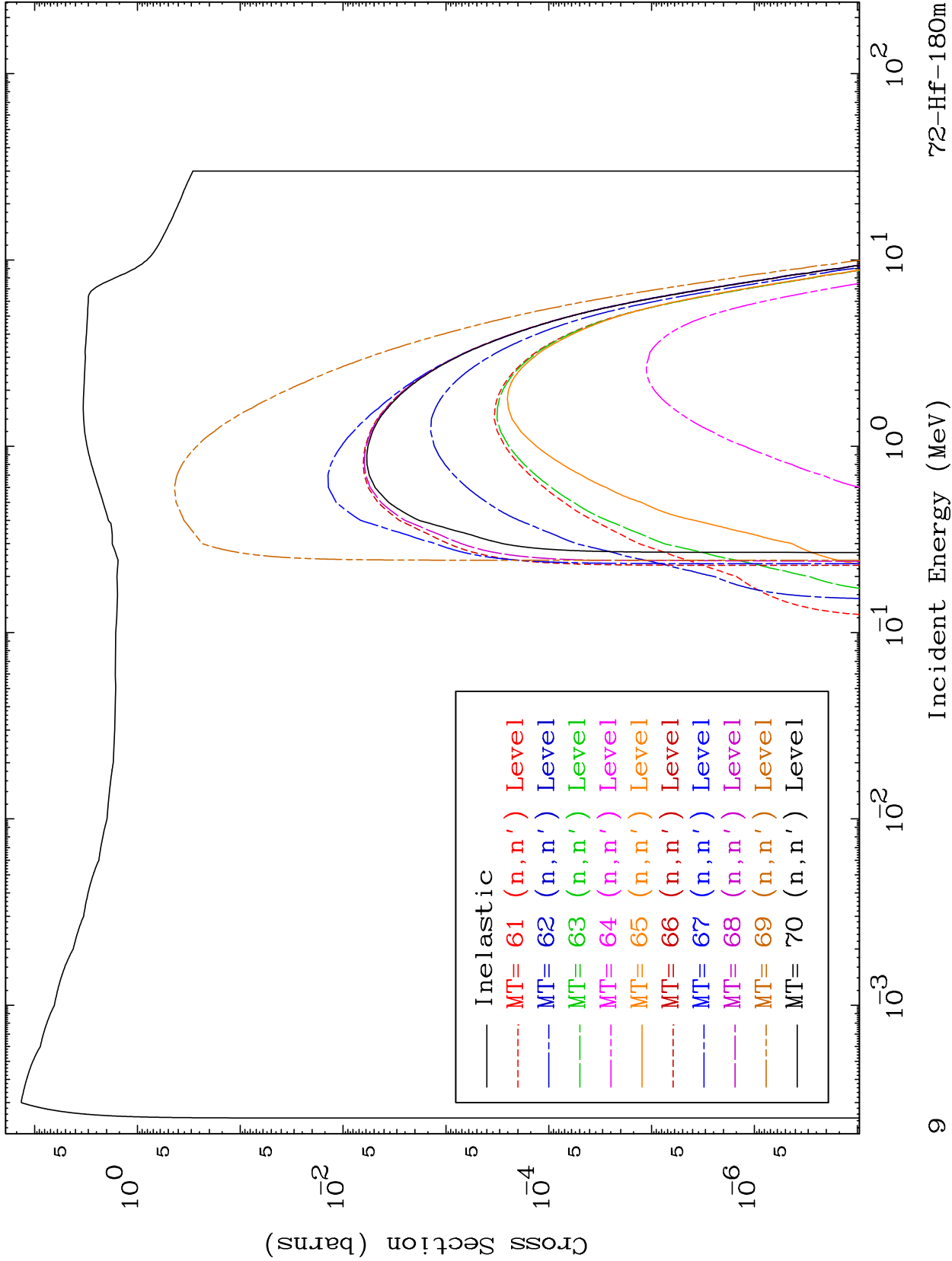
72-Hf-180m



MAT 7244

(n,n') Levels  
293 Kelvin Cross Sections

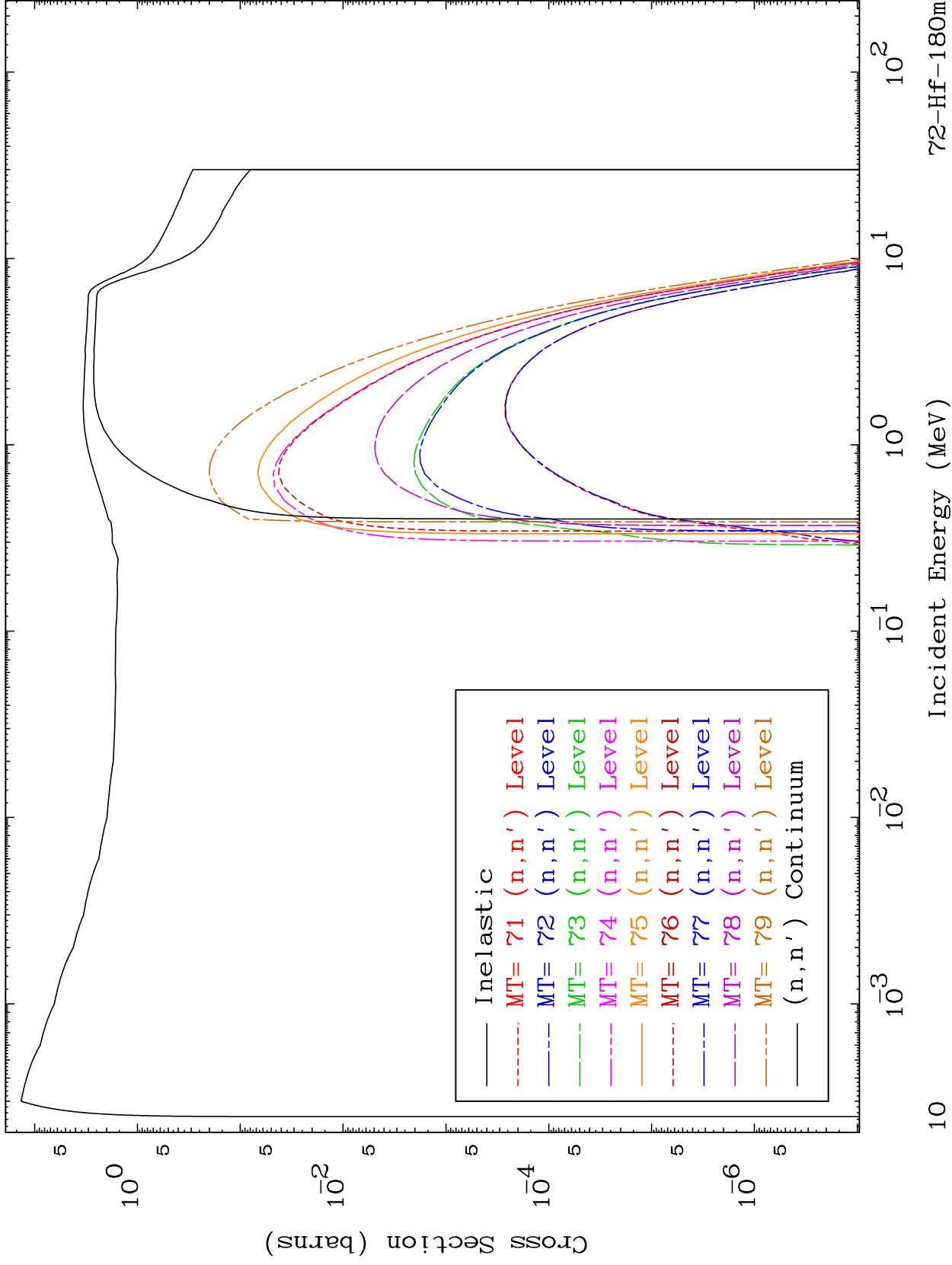
72-Hf-180m



MAT 7244

(n,n') Levels  
293 Kelvin Cross Sections

72-Hf-180m

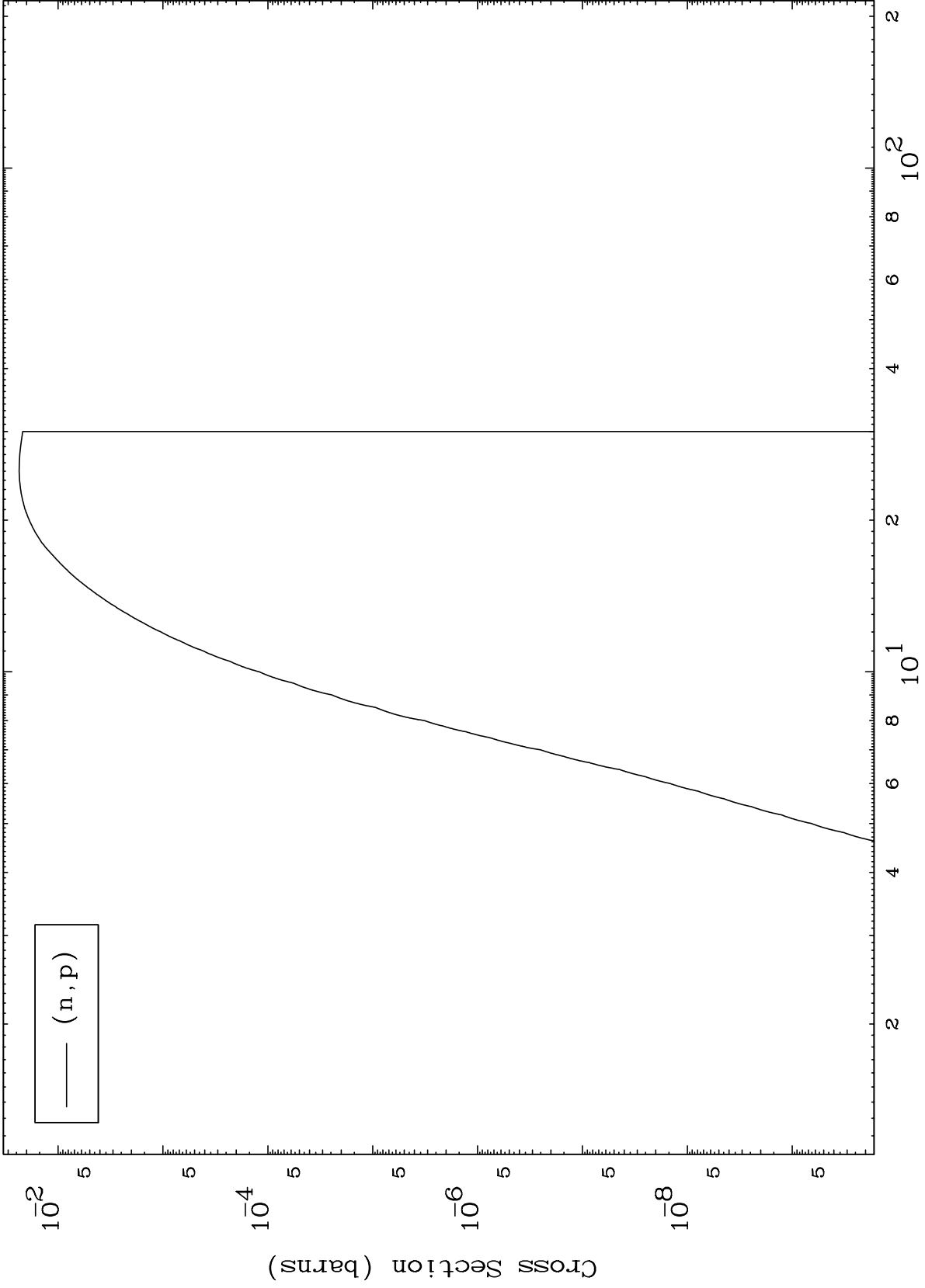


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(n,p) Levels  
293 Kelvin Cross Sections

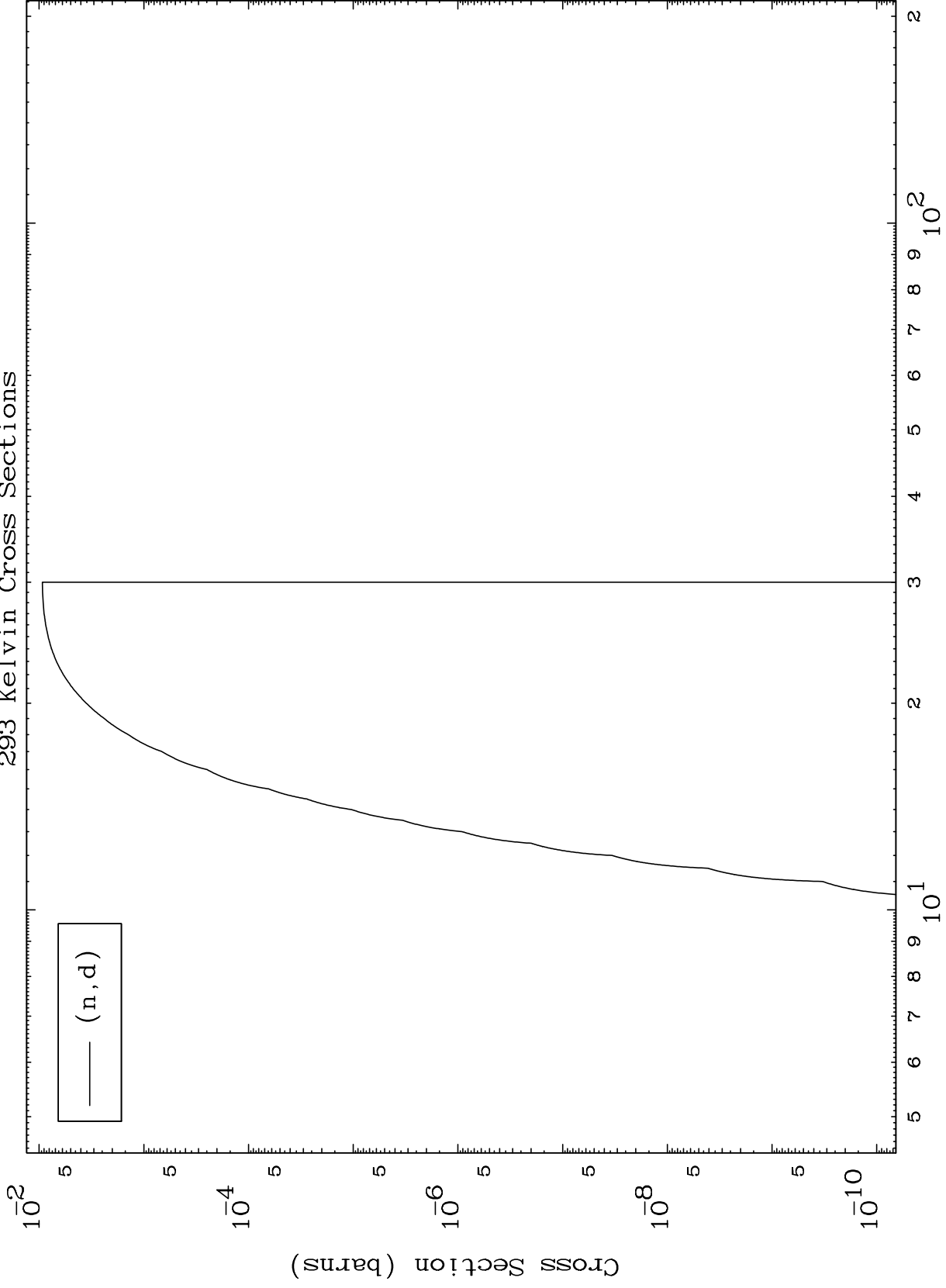
72-Hf-180m



MAT 7244

(n,d) Levels  
293 Kelvin Cross Sections

<sup>72</sup>Hf-180m



12

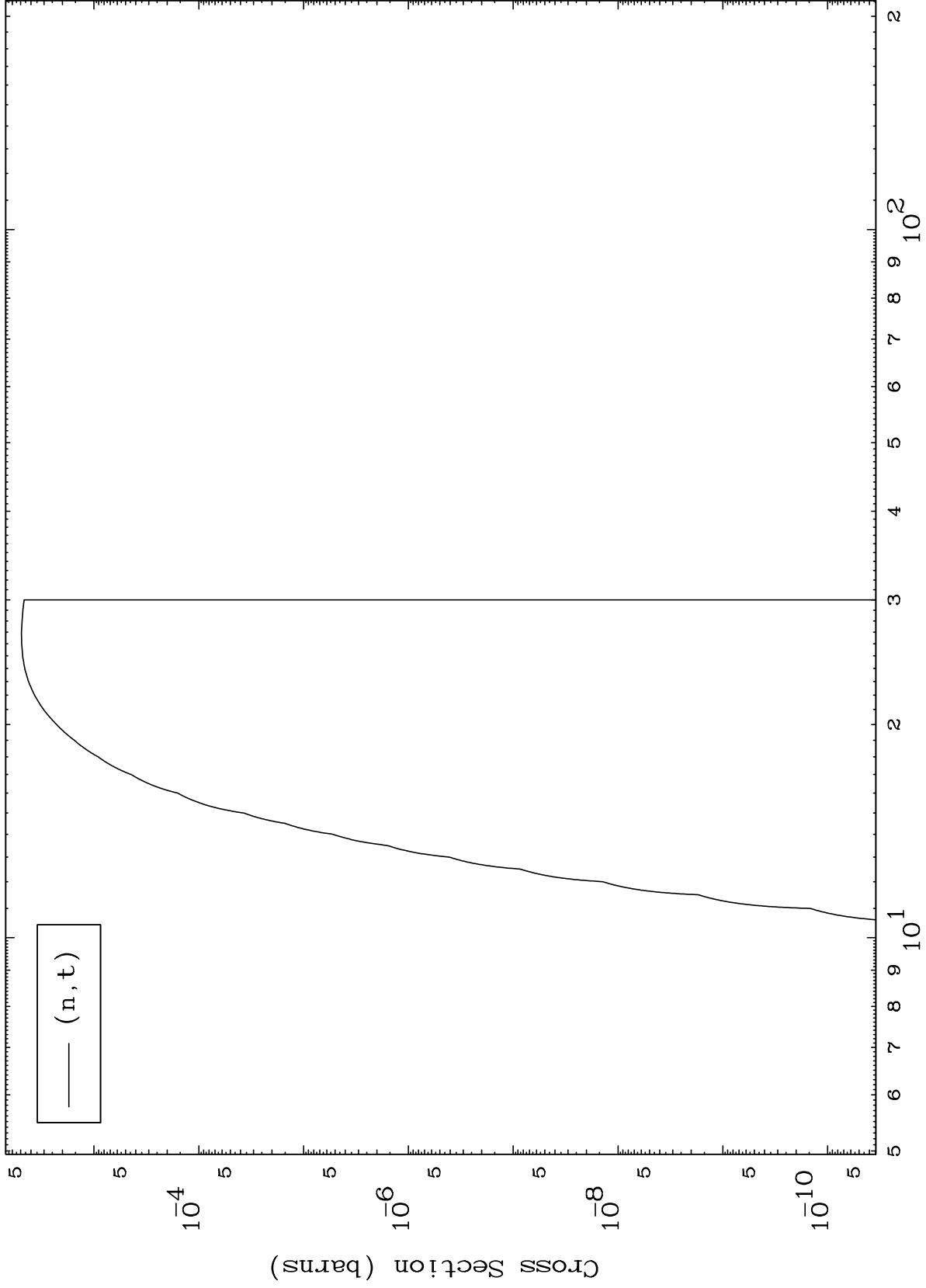
Incident Energy (MeV)

<sup>72</sup>Hf-180m

MAT 7244

(n, t) Levels  
293 Kelvin Cross Sections

72-Hf-180m



13

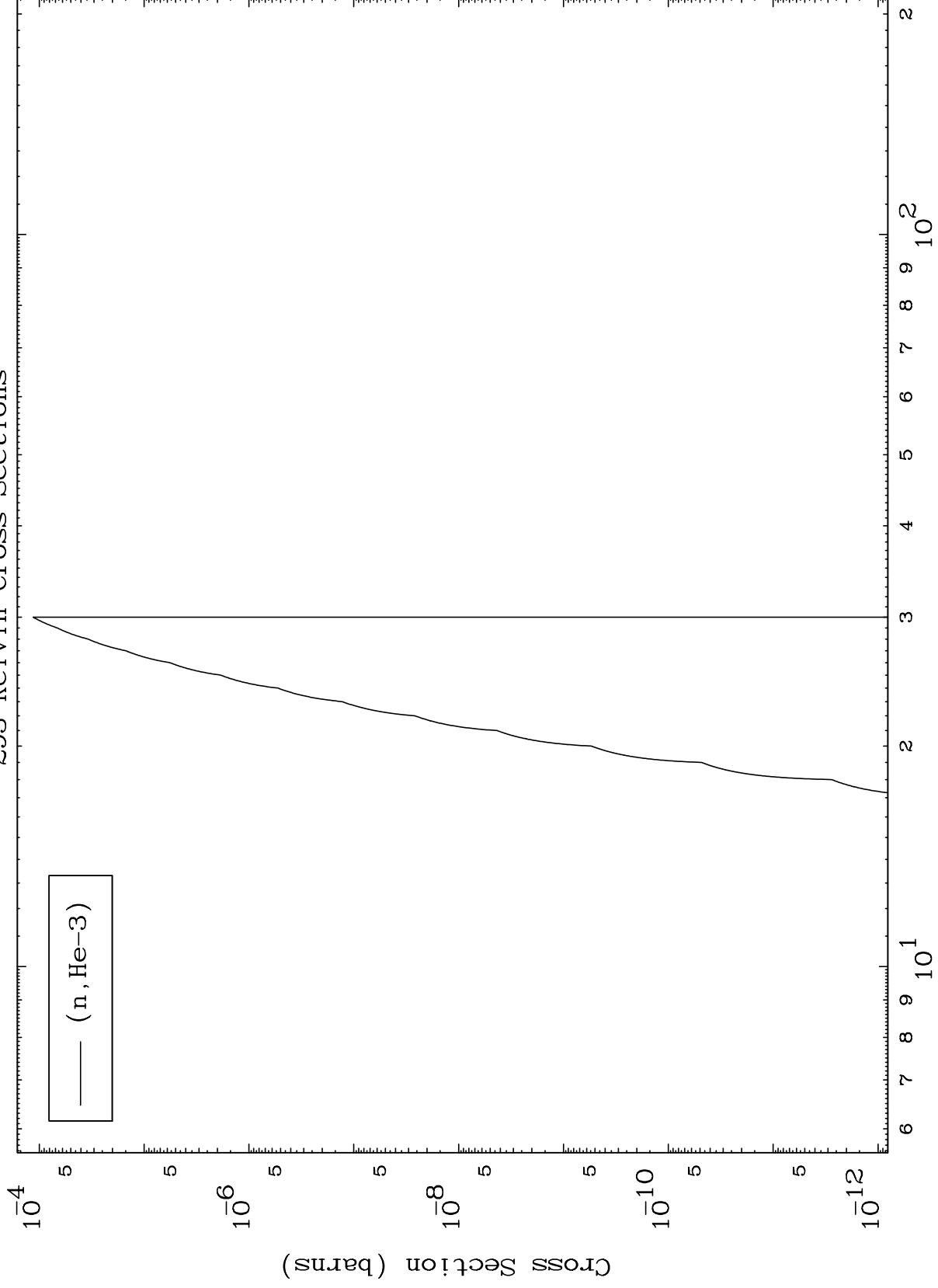
Incident Energy (MeV)

72-Hf-180m

MAT 7244

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-180m



14

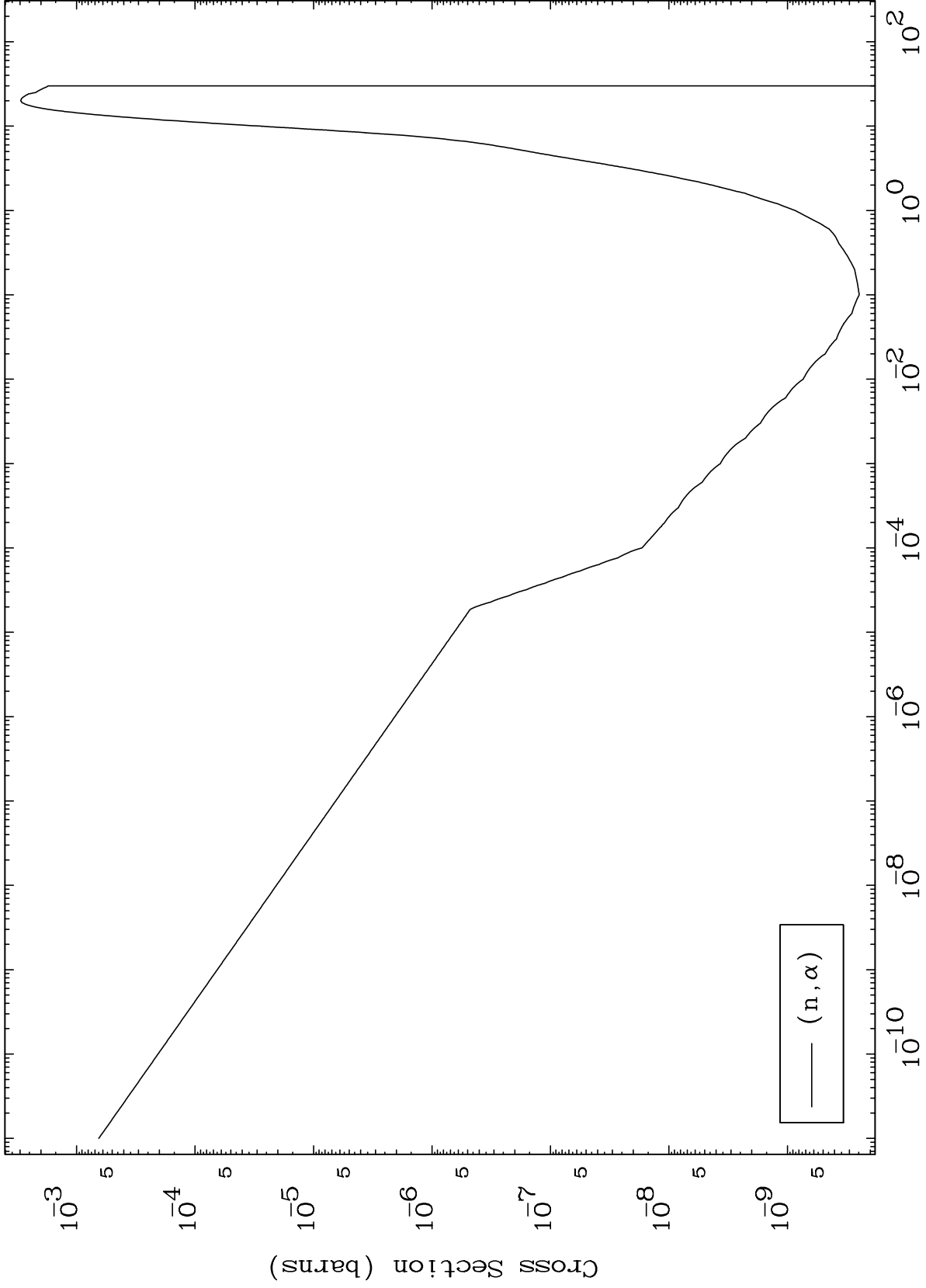
Incident Energy (MeV)

72-Hf-180m

MAT 7244

(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-180m



(n,α)

72-Hf-180m

Incident Energy (MeV)

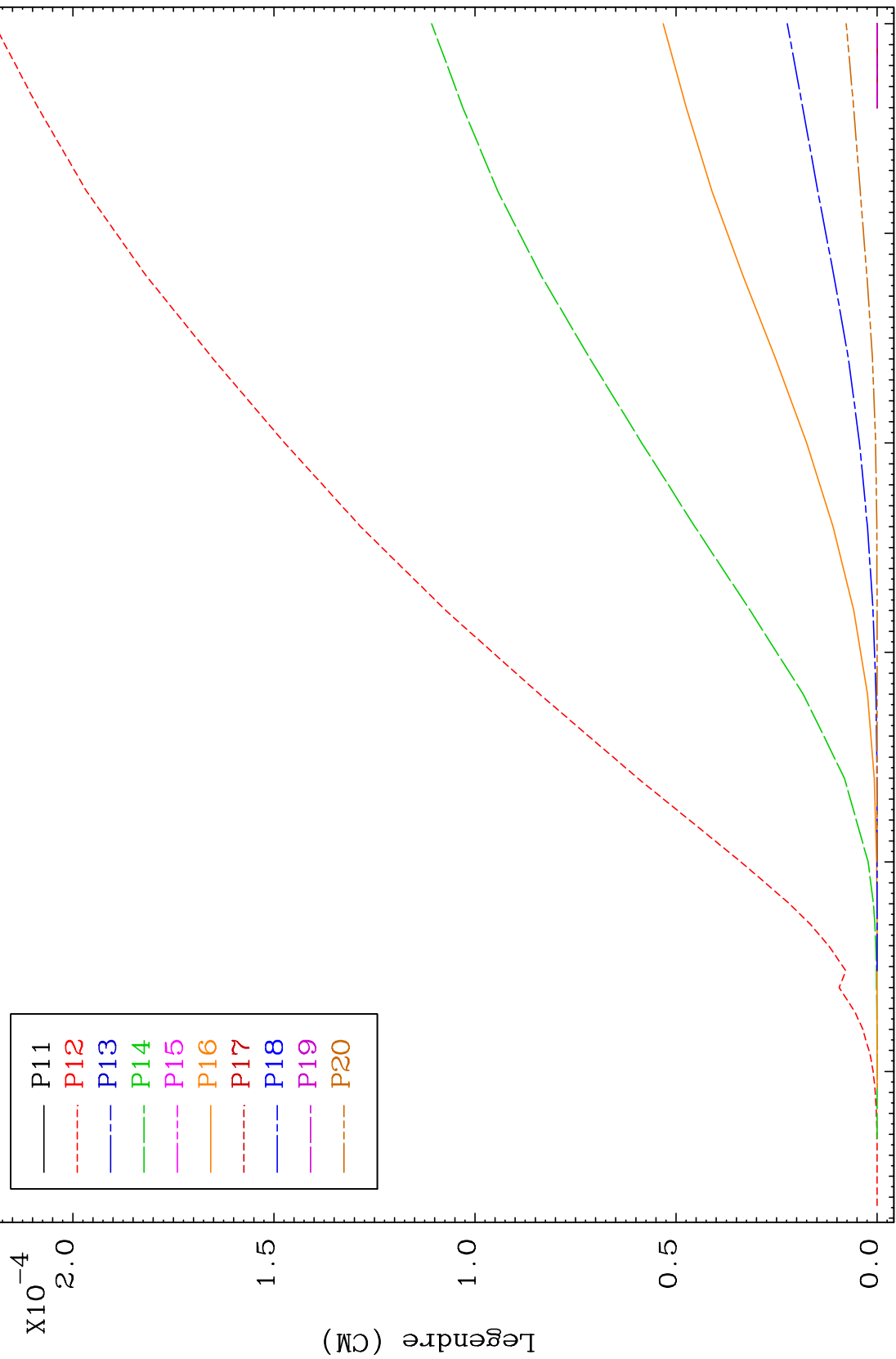
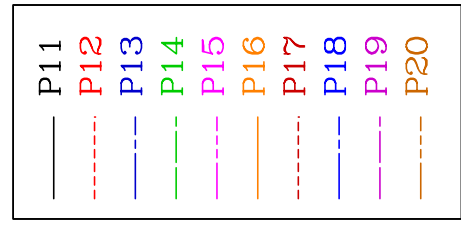
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Elastic Legendre Coefficients

<sup>72</sup>Hf-180m



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<sup>72</sup>Hf-180m

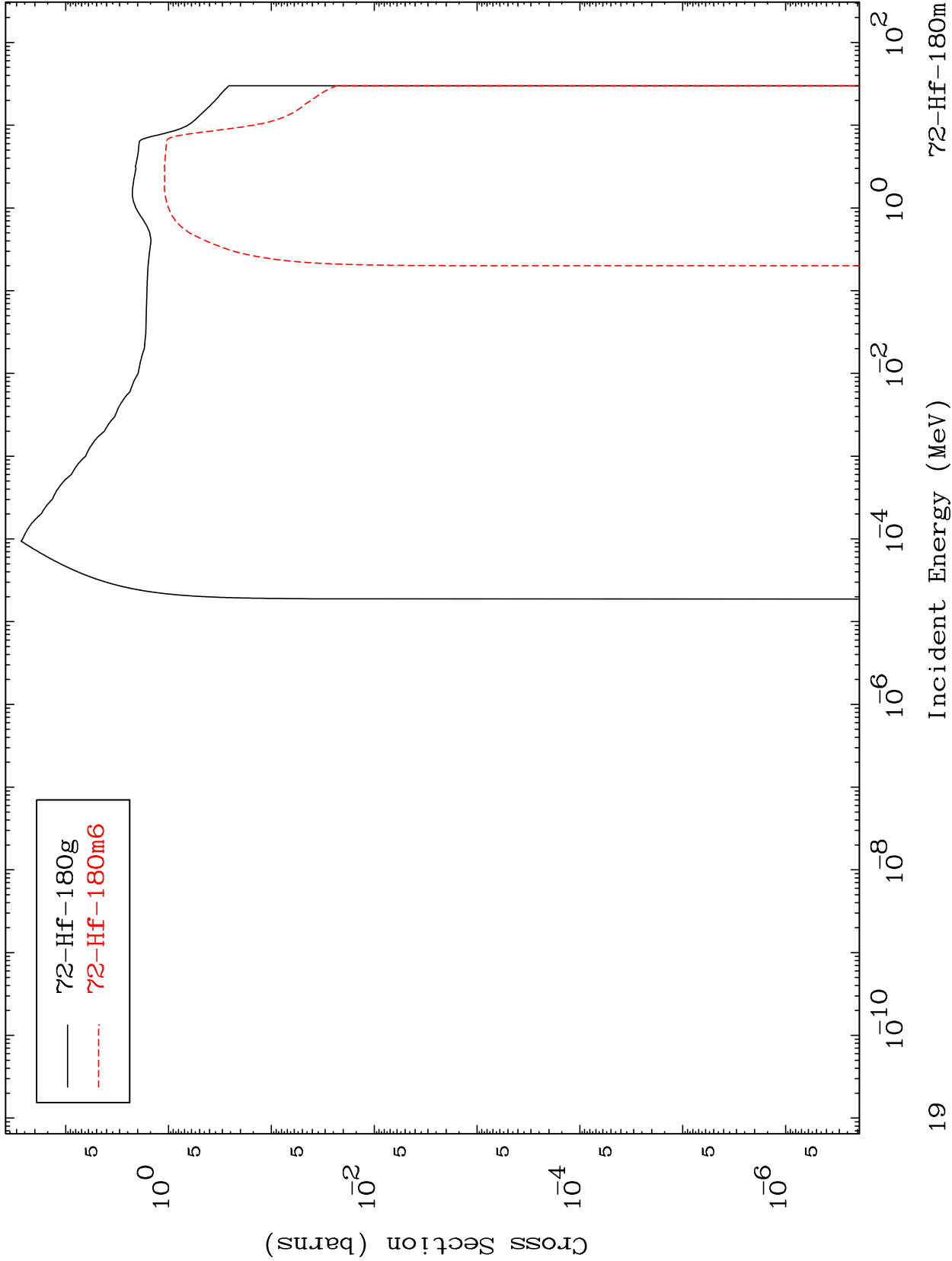
Incident Energy (MeV)



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Radionuclide Production Cross Section

<sup>72</sup>Hf-180m



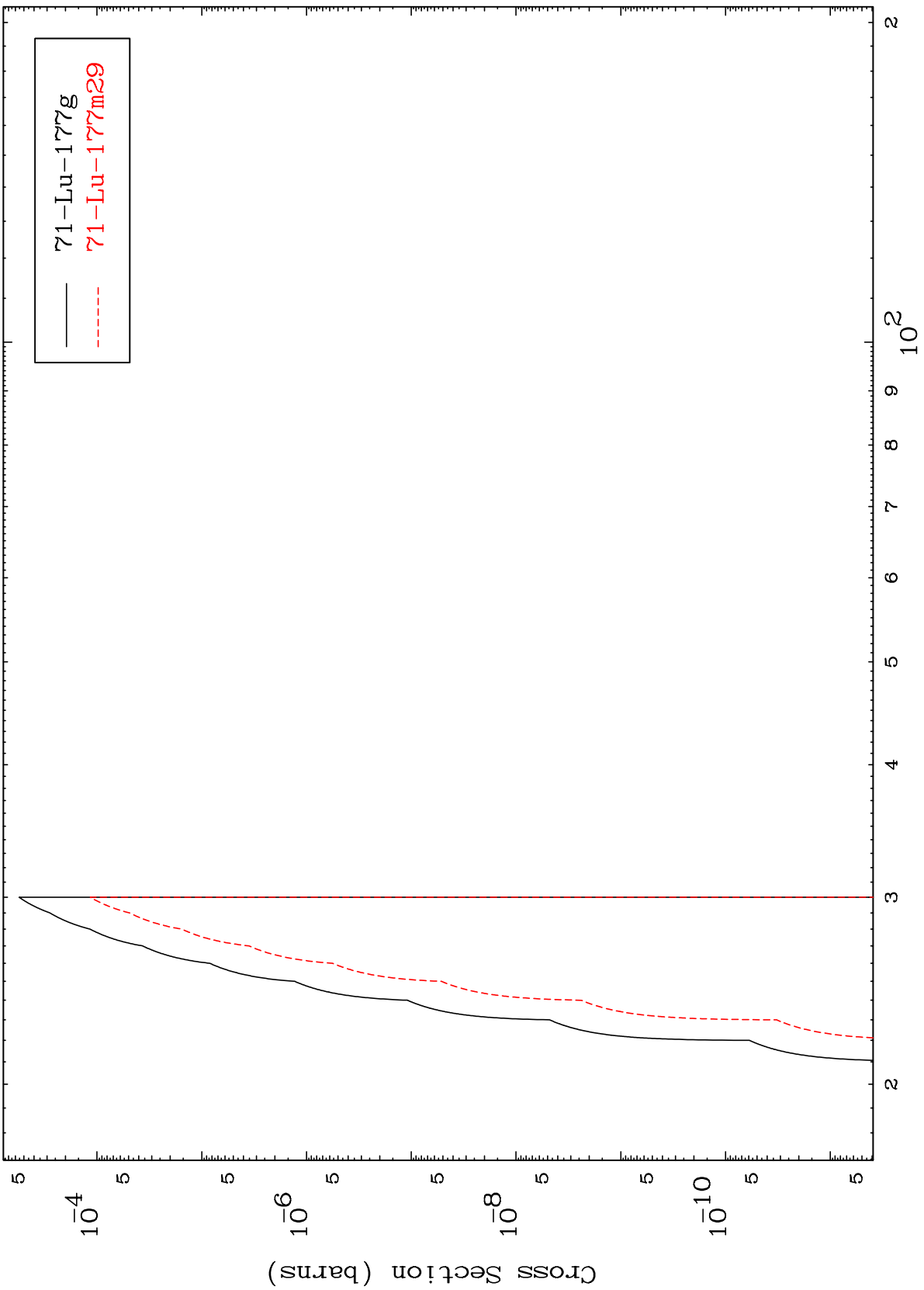
— 72-Hf-180g  
- - - 72-Hf-180m6

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(n,2n) d

72-Hf-180m

Radionuclide Production Cross Section



71-Lu-177g  
71-Lu-177m29

20

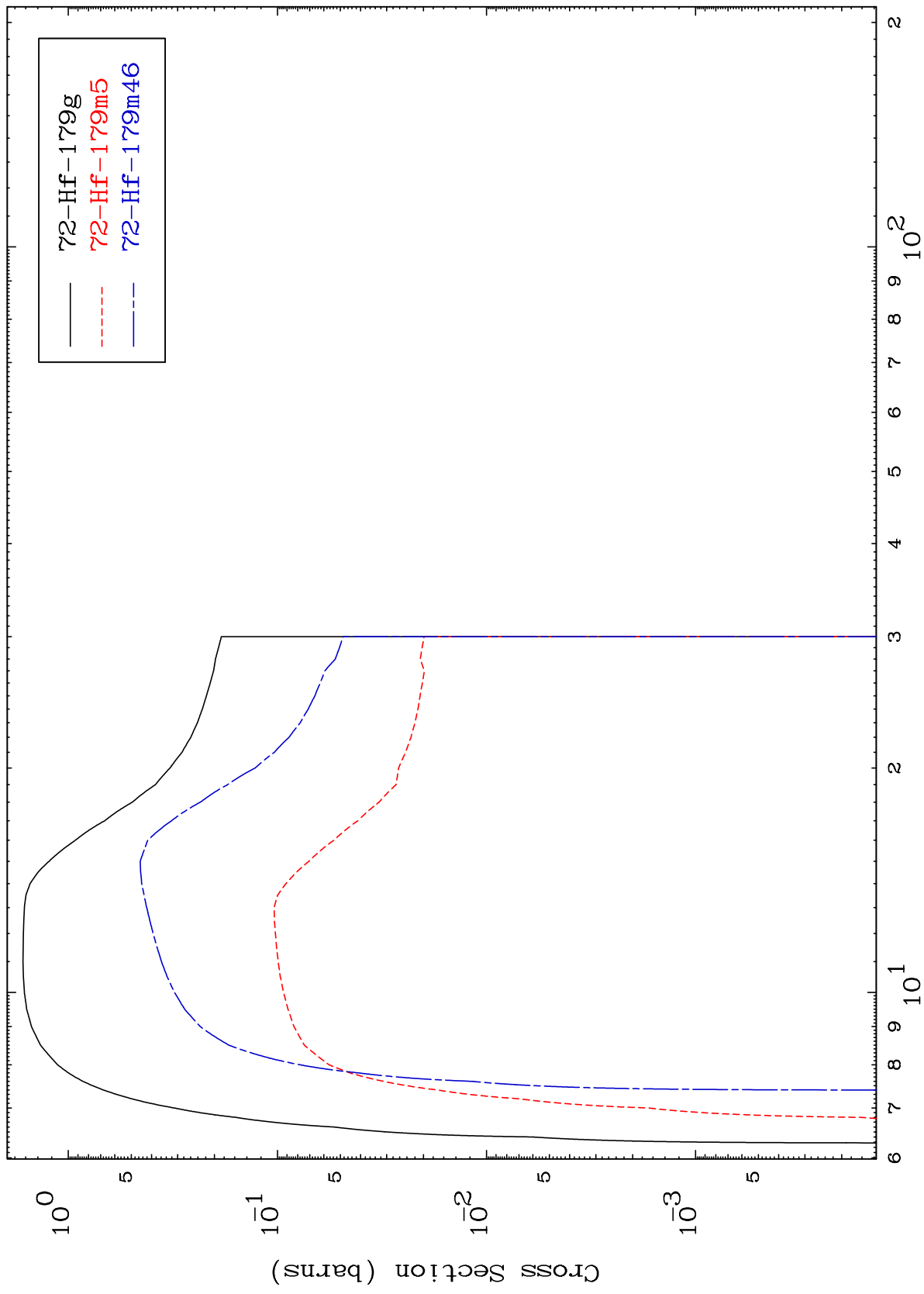
Incident Energy (MeV)

72-Hf-180m

MAT 7244

72-Hf-180m

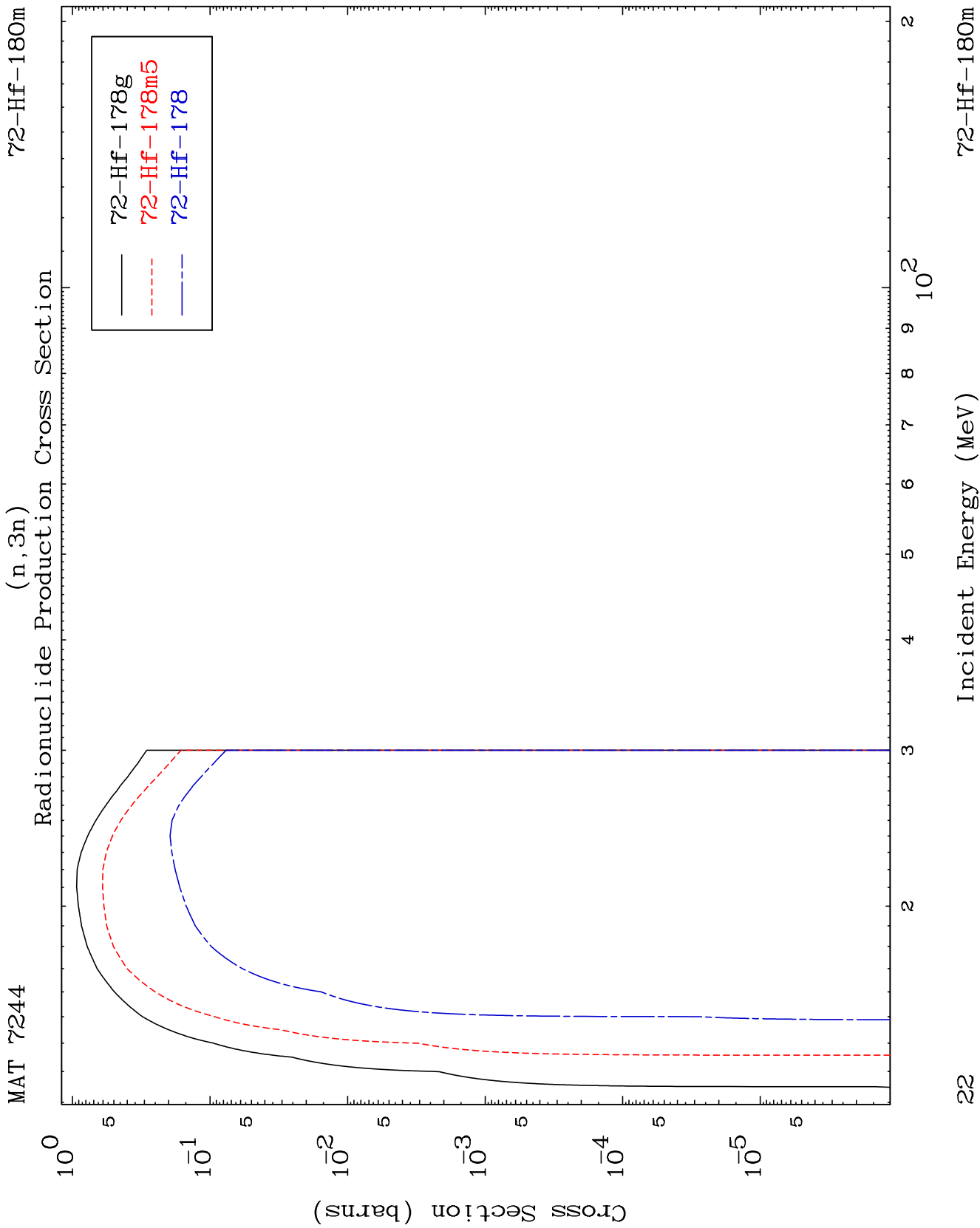
(n,2n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

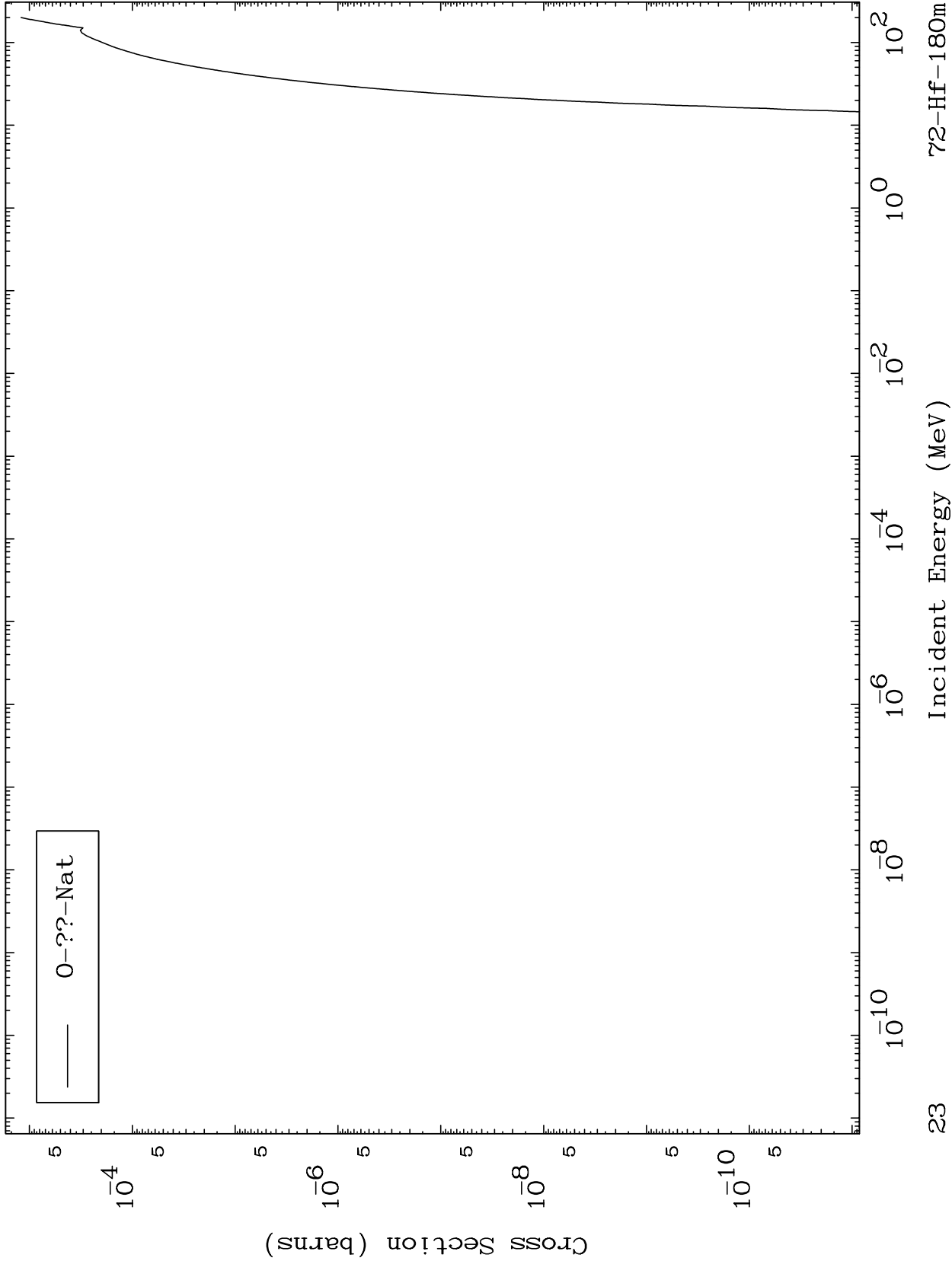
72-Hf-180m



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Fission  
Radionuclide Production Cross Section

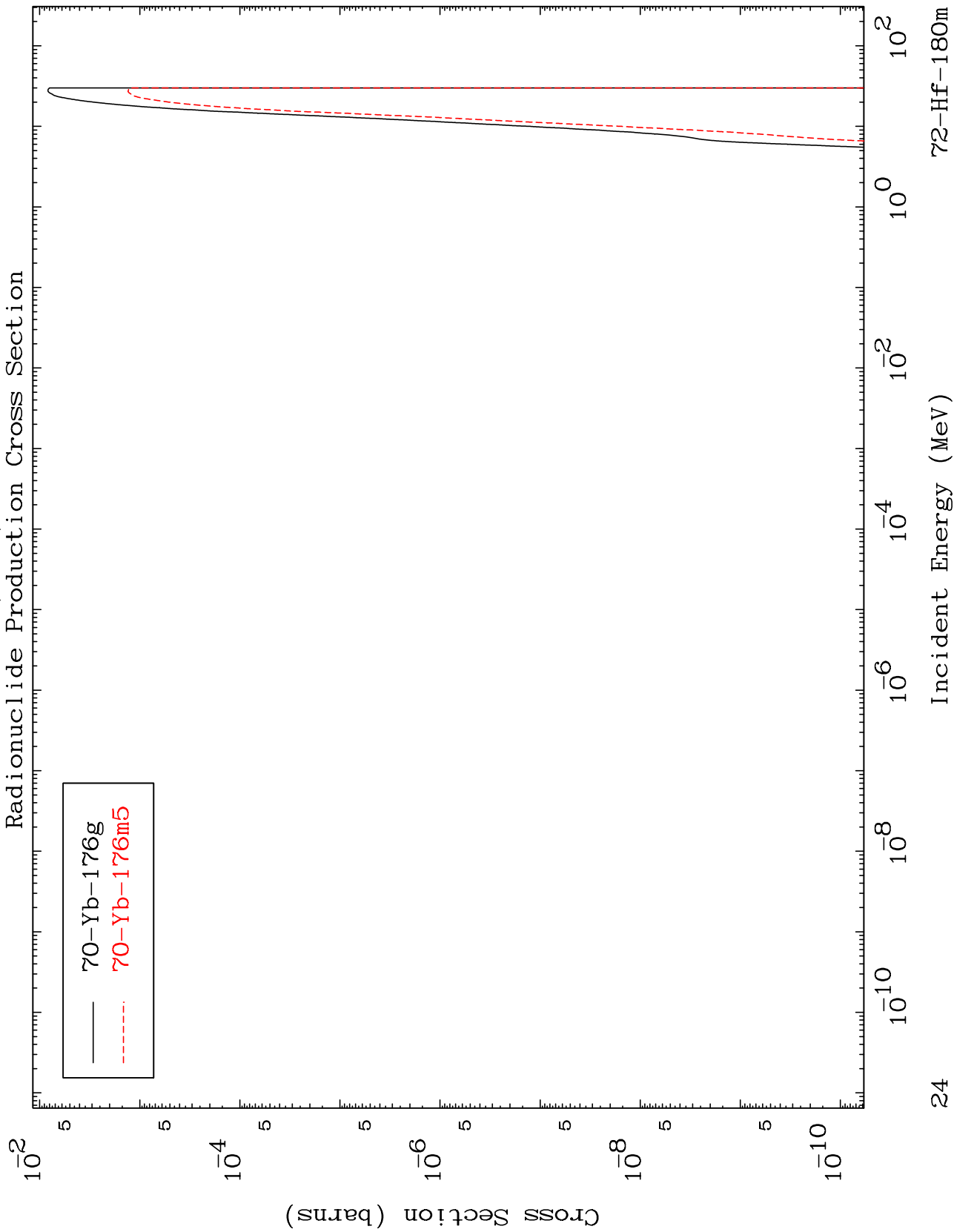
<sup>72</sup>Hf-180m



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$(n, n') \alpha$

$^{72}\text{Hf}-180\text{m}$



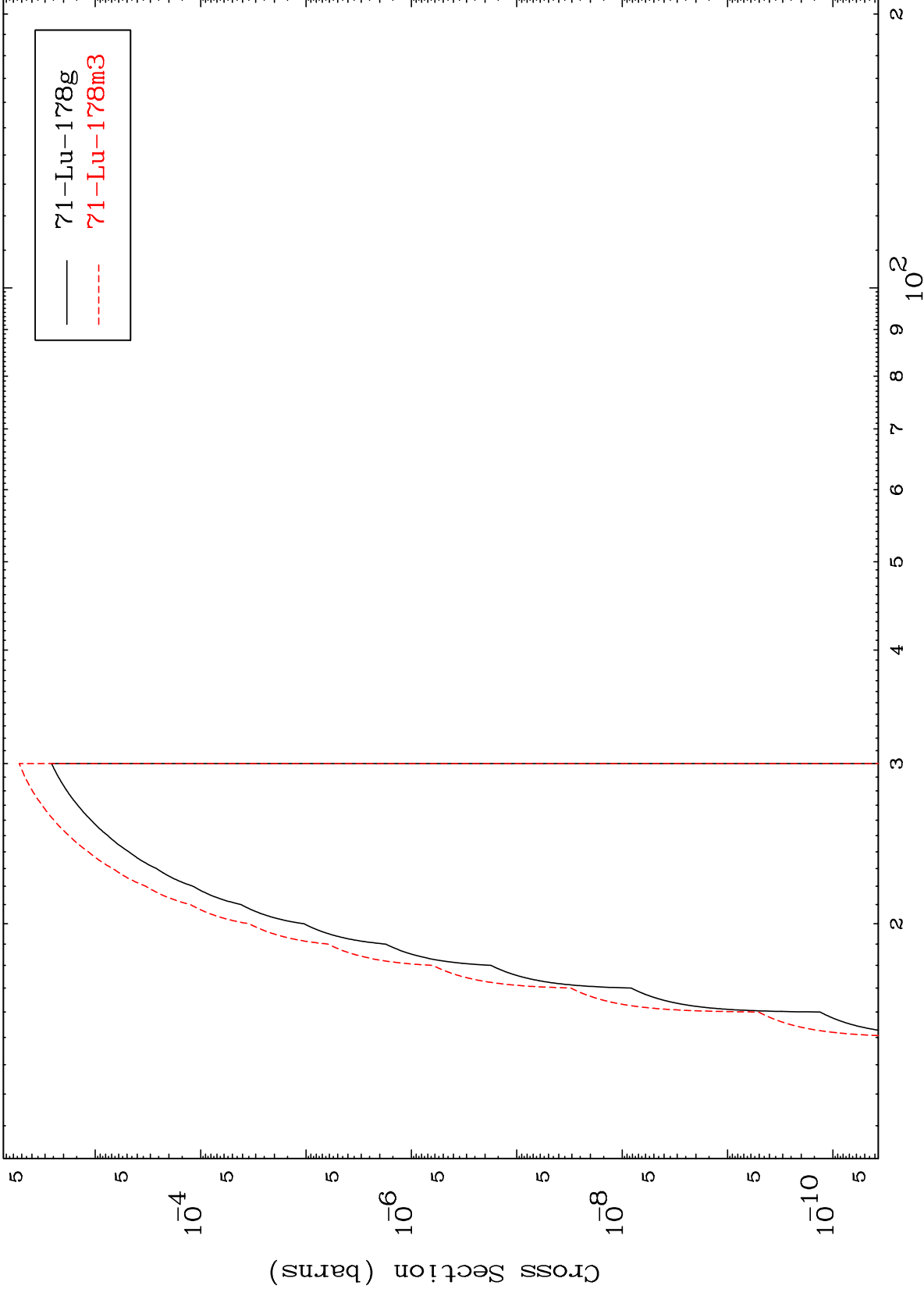
—  $^{70}\text{Yb}-176\text{g}$   
- - -  $^{70}\text{Yb}-176\text{m5}$

MAT 7244

(n,n') d

72-Hf-180m

Radionuclide Production Cross Section



25

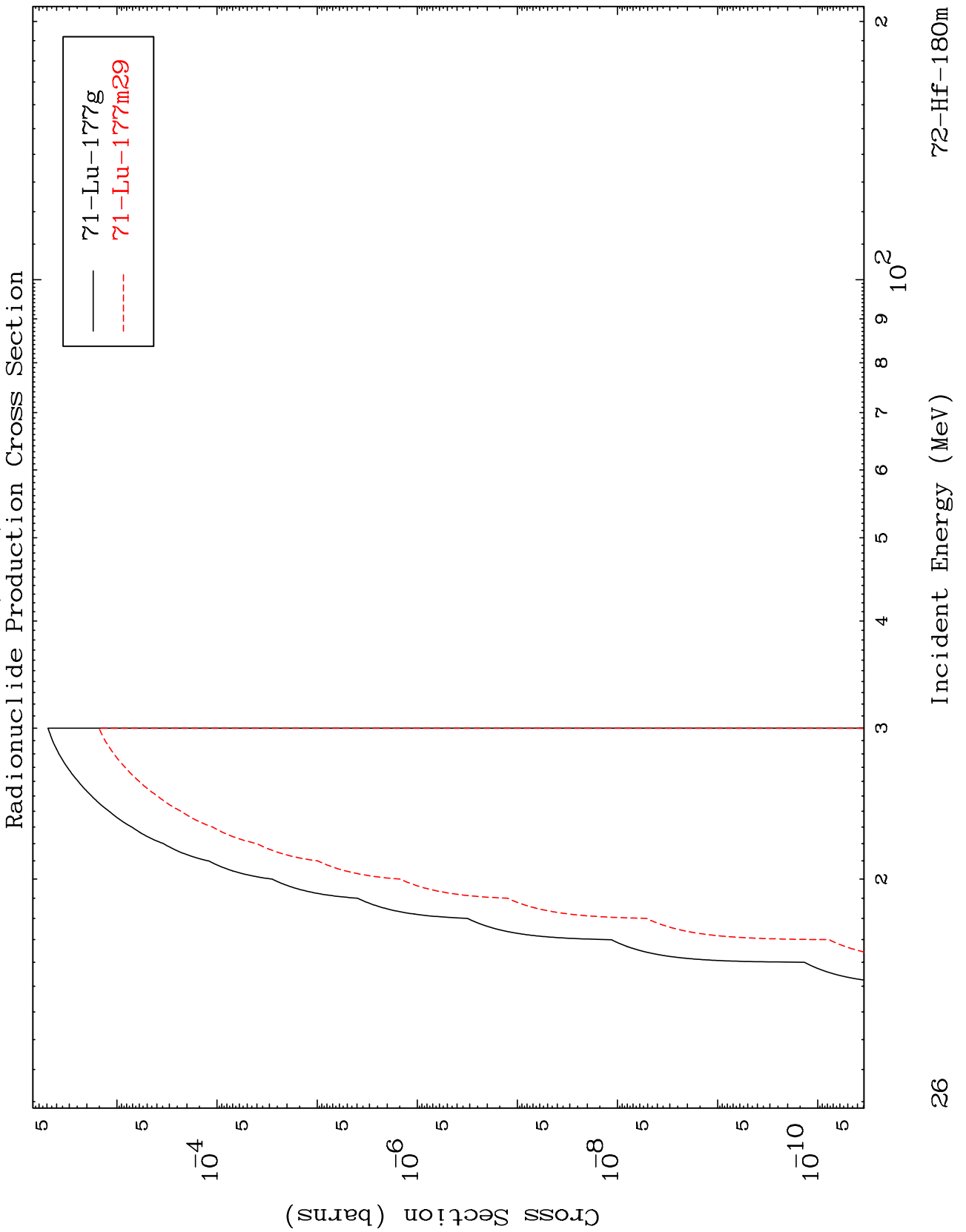
Incident Energy (MeV)

72-Hf-180m

MAT 7244

(n,n') t

72-Hf-180m

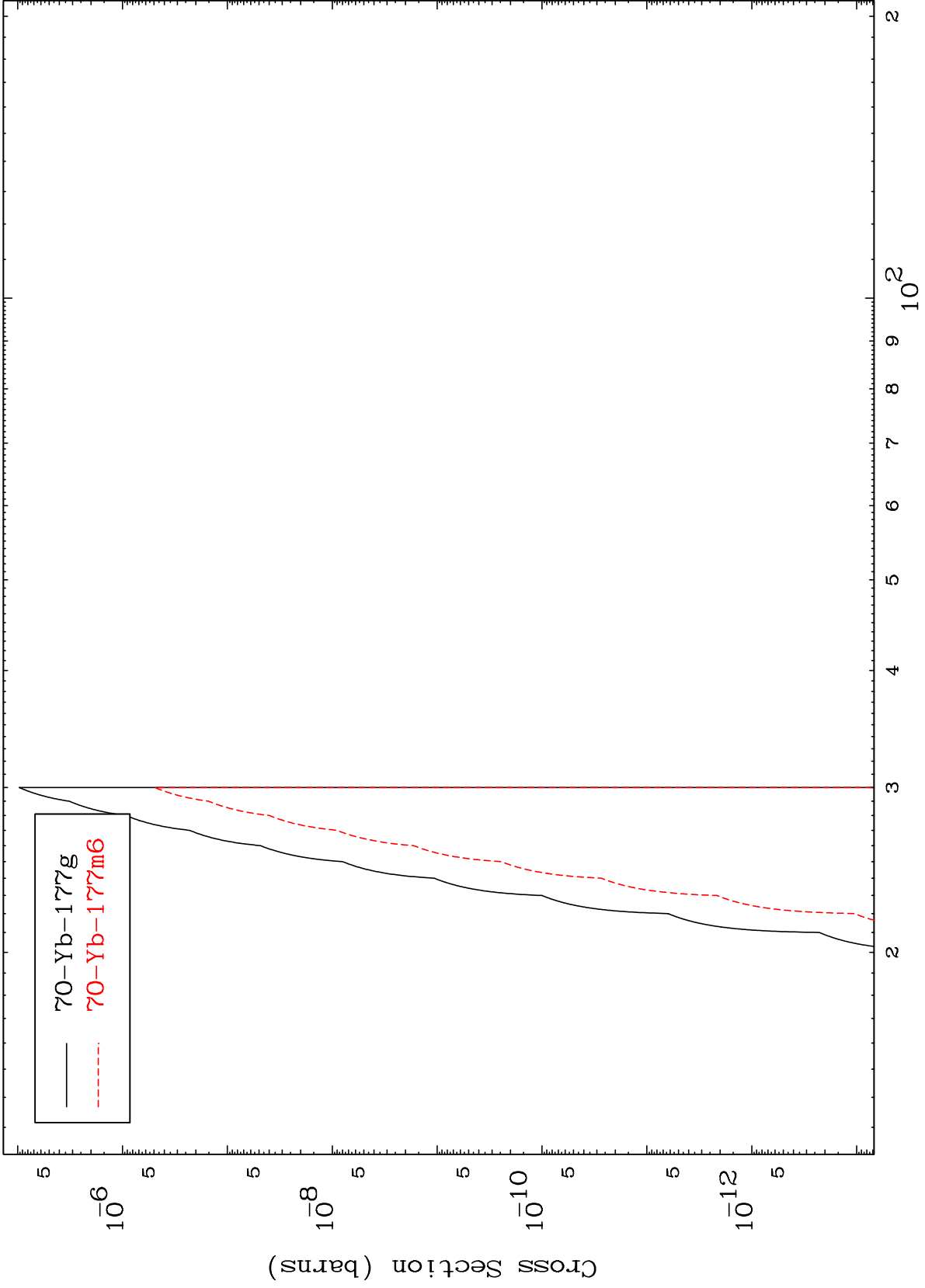


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(n,n') He-3

72-Hf-180m

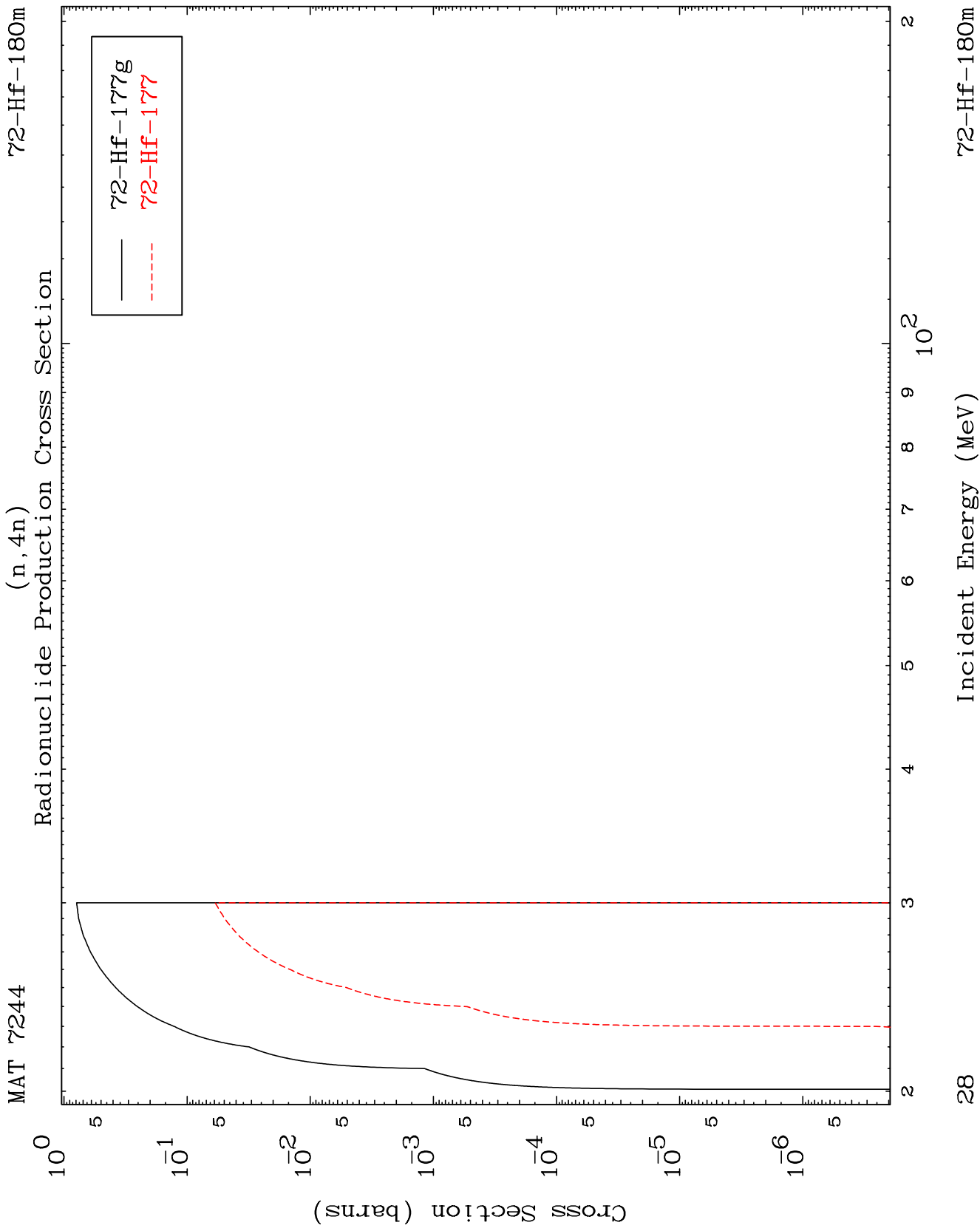
Radionuclide Production Cross Section

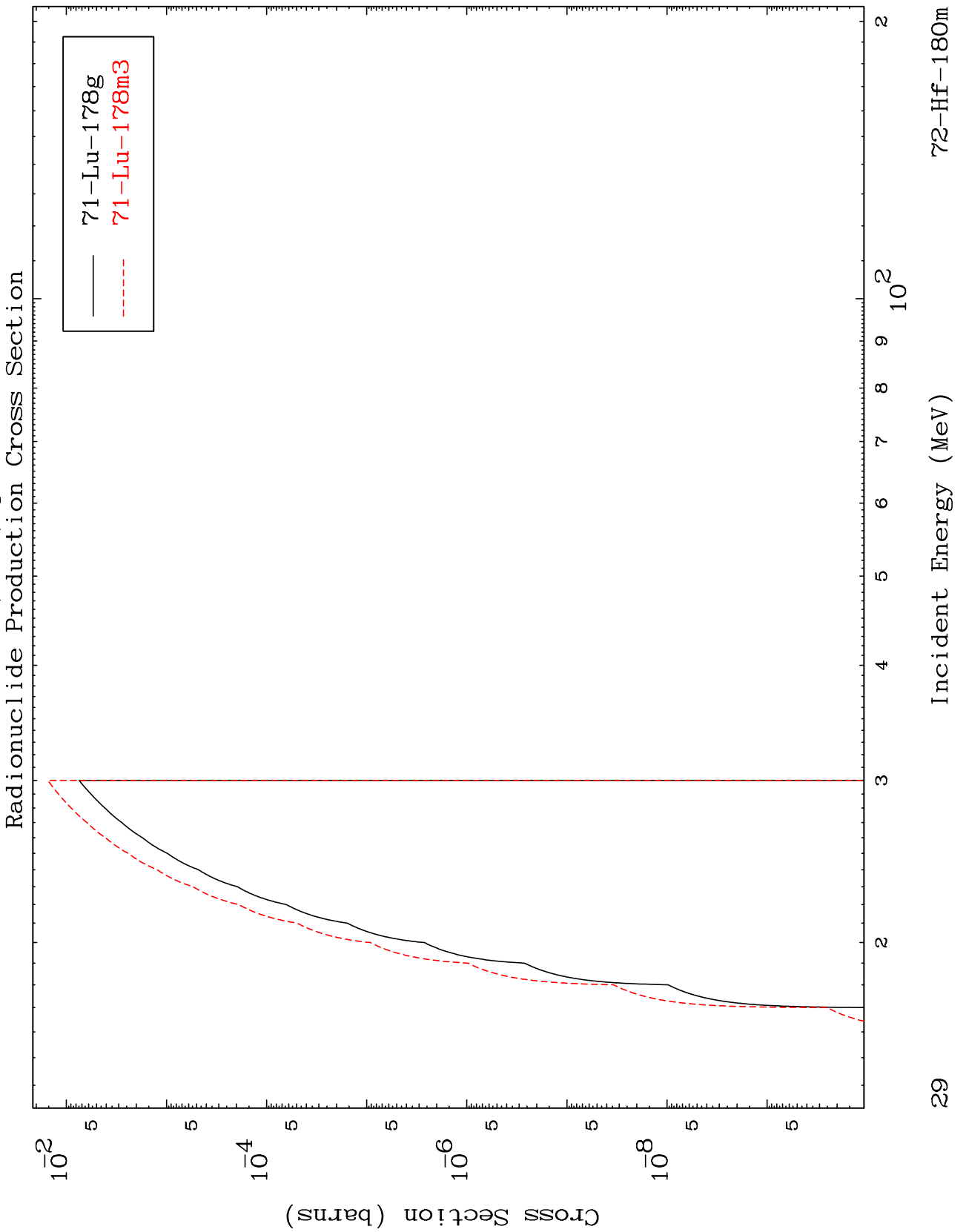


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Incident Energy (MeV)

72-Hf-180m

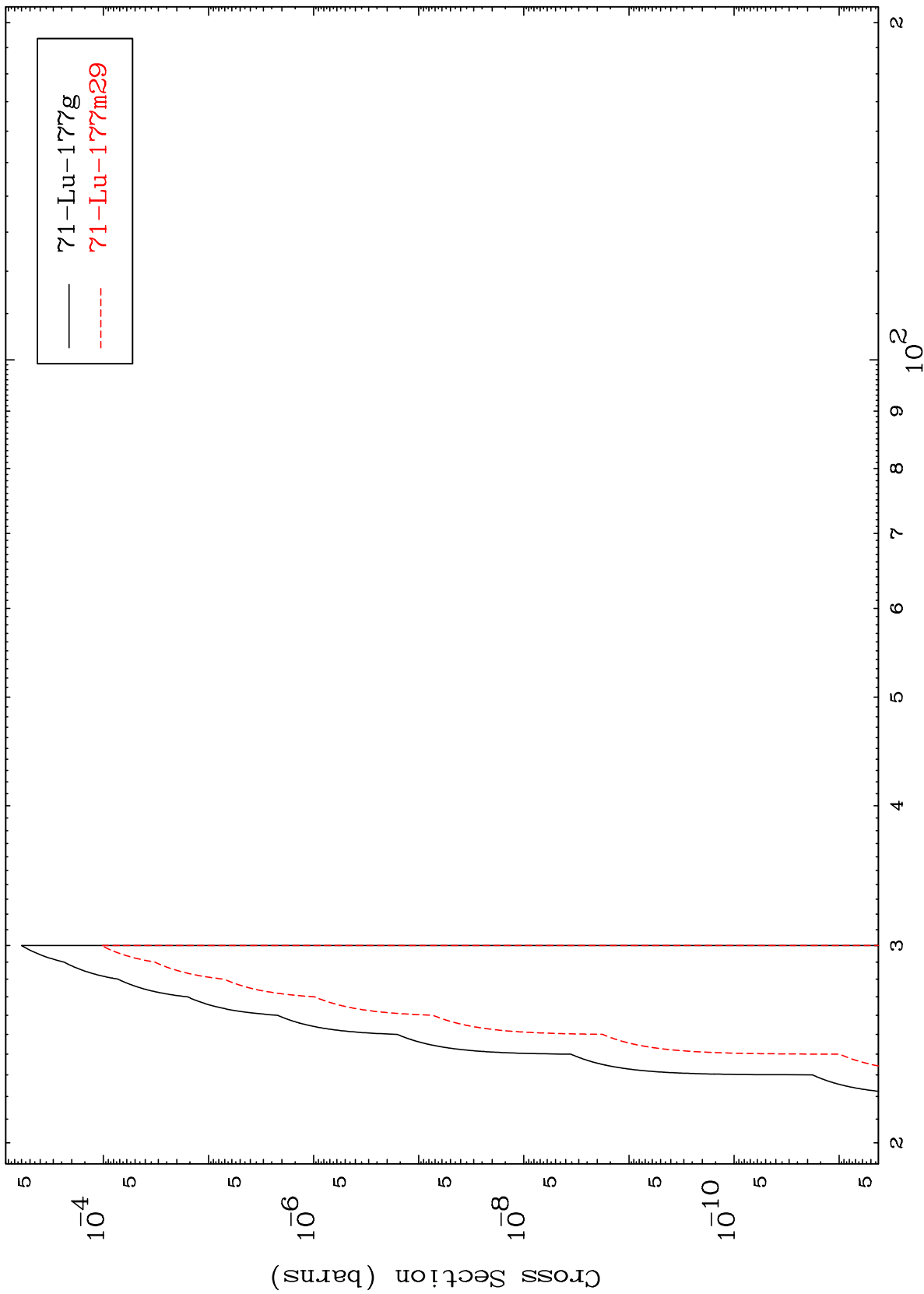




MAT 7244

72-Hf-180m

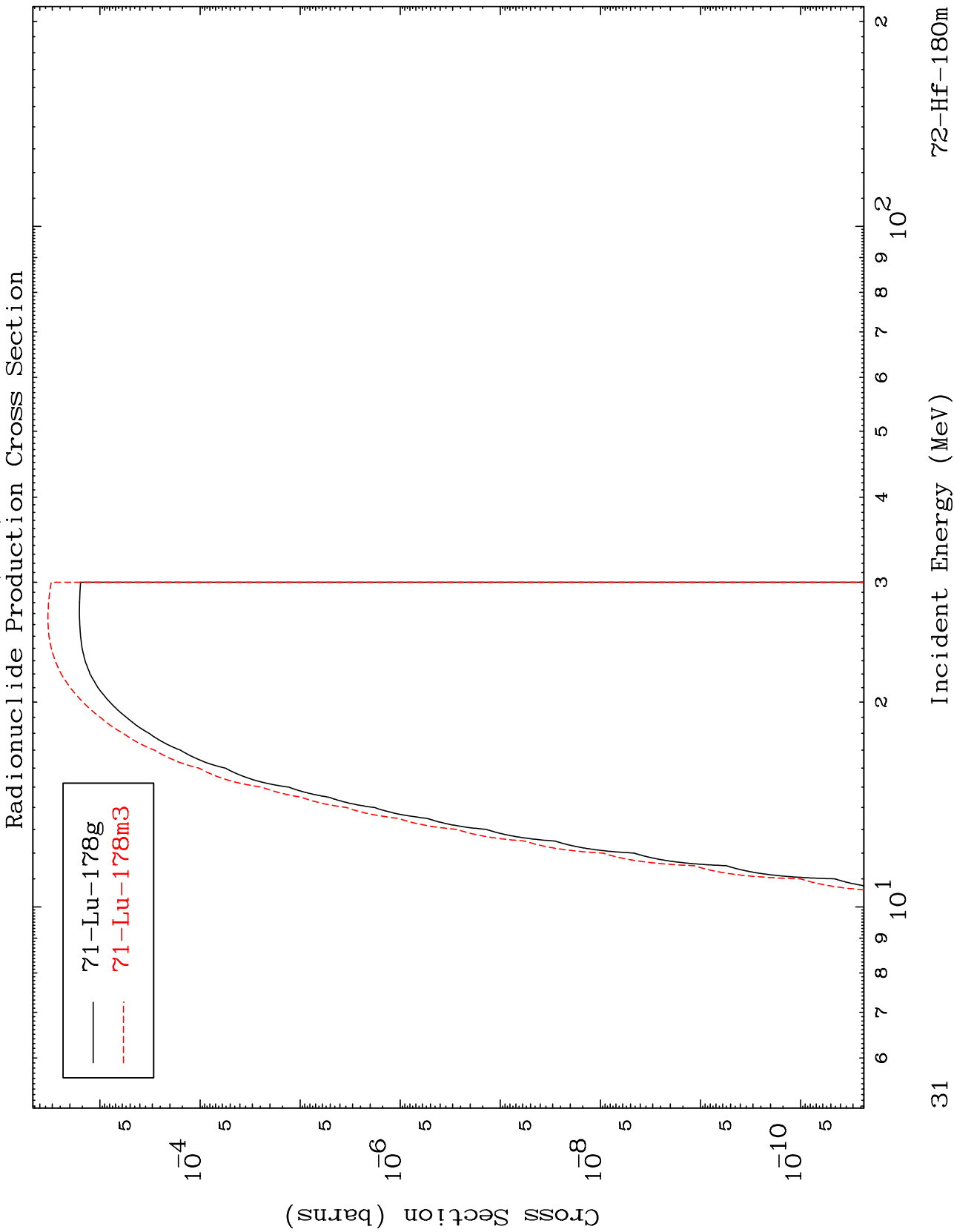
(n,3n) p  
Radionuclide Production Cross Section



72-Hf-180m

Incident Energy (MeV)

30



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72-Hf-180m

Radionuclide Production Cross Section

