

Program EVALPLOT  
(Version 2021-1)

by

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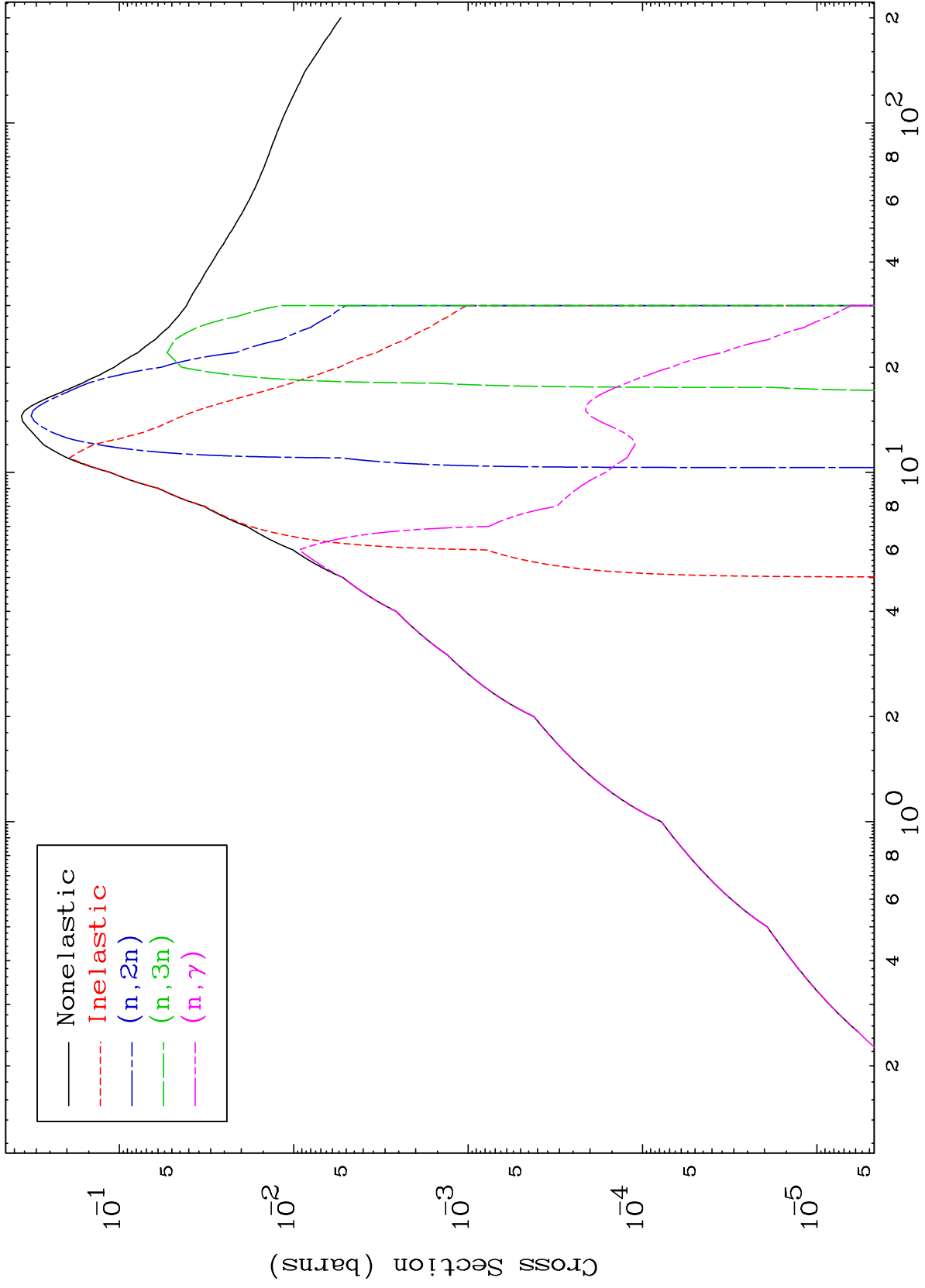
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

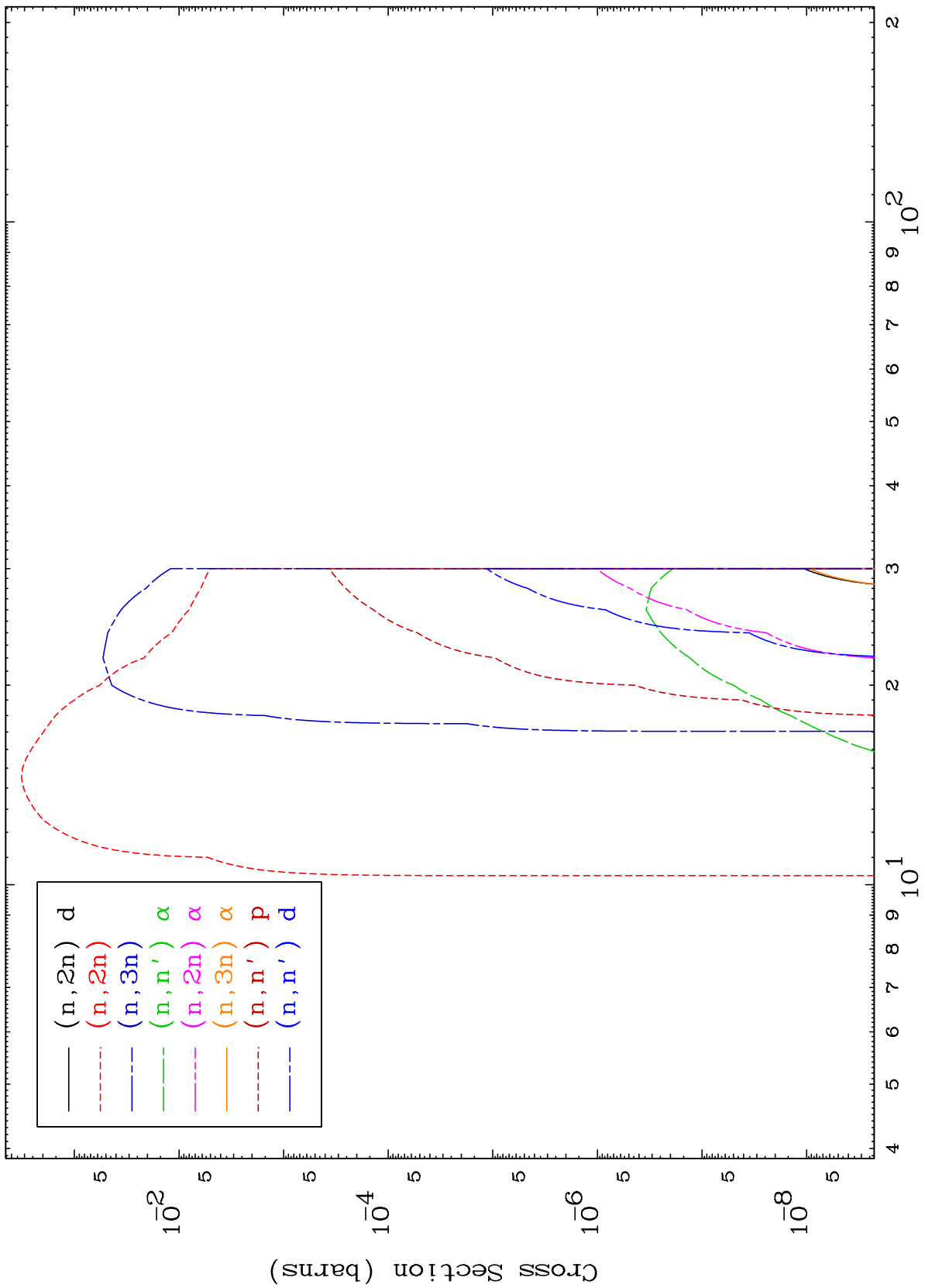
MAT 7256

Photon Major  
0 Kelvin Cross Sections

72-Hf-184m



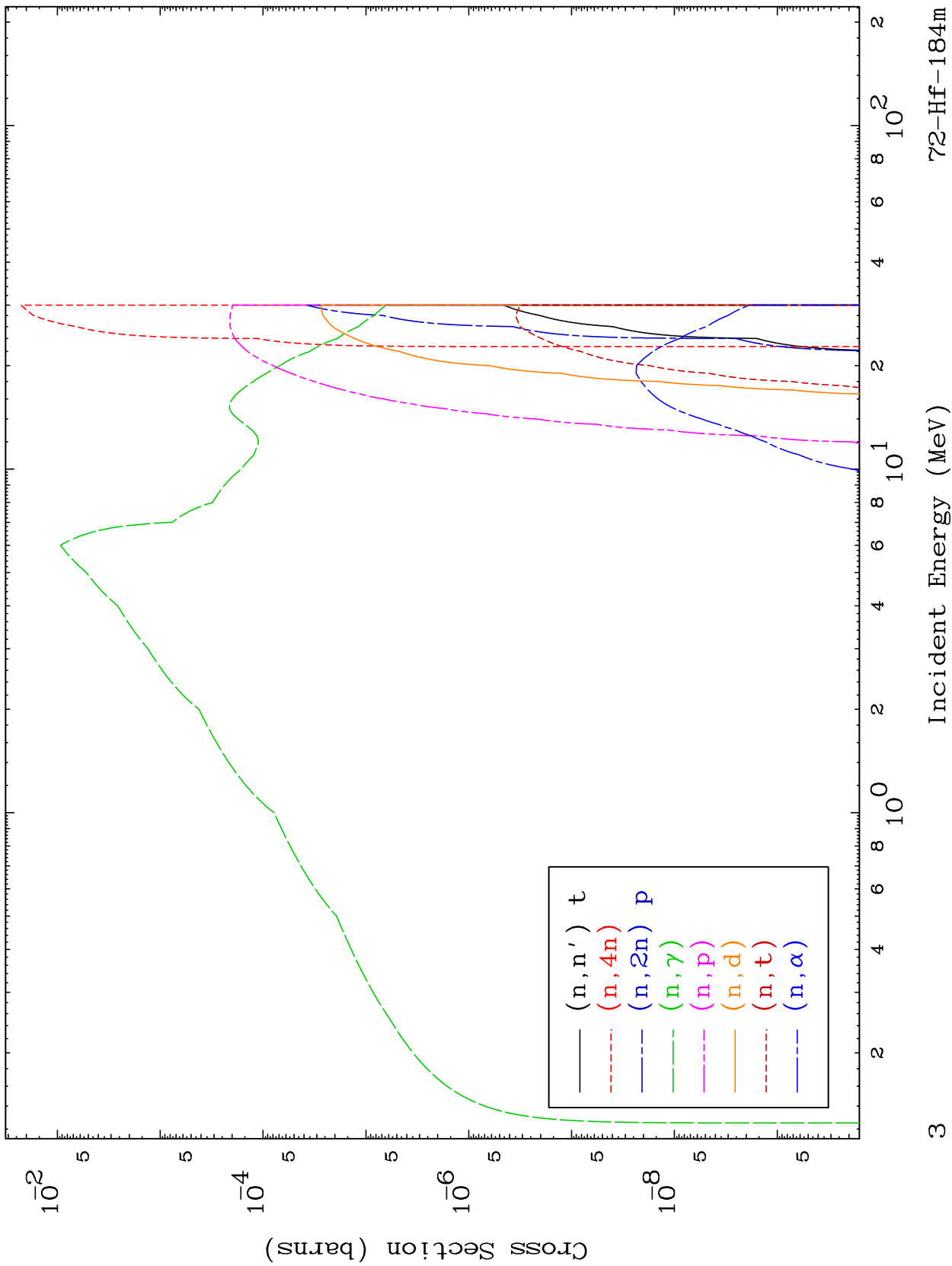
Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)  
- - - (n, γ)



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Photon Neutron Absorption  
0 Kelvin Cross Sections

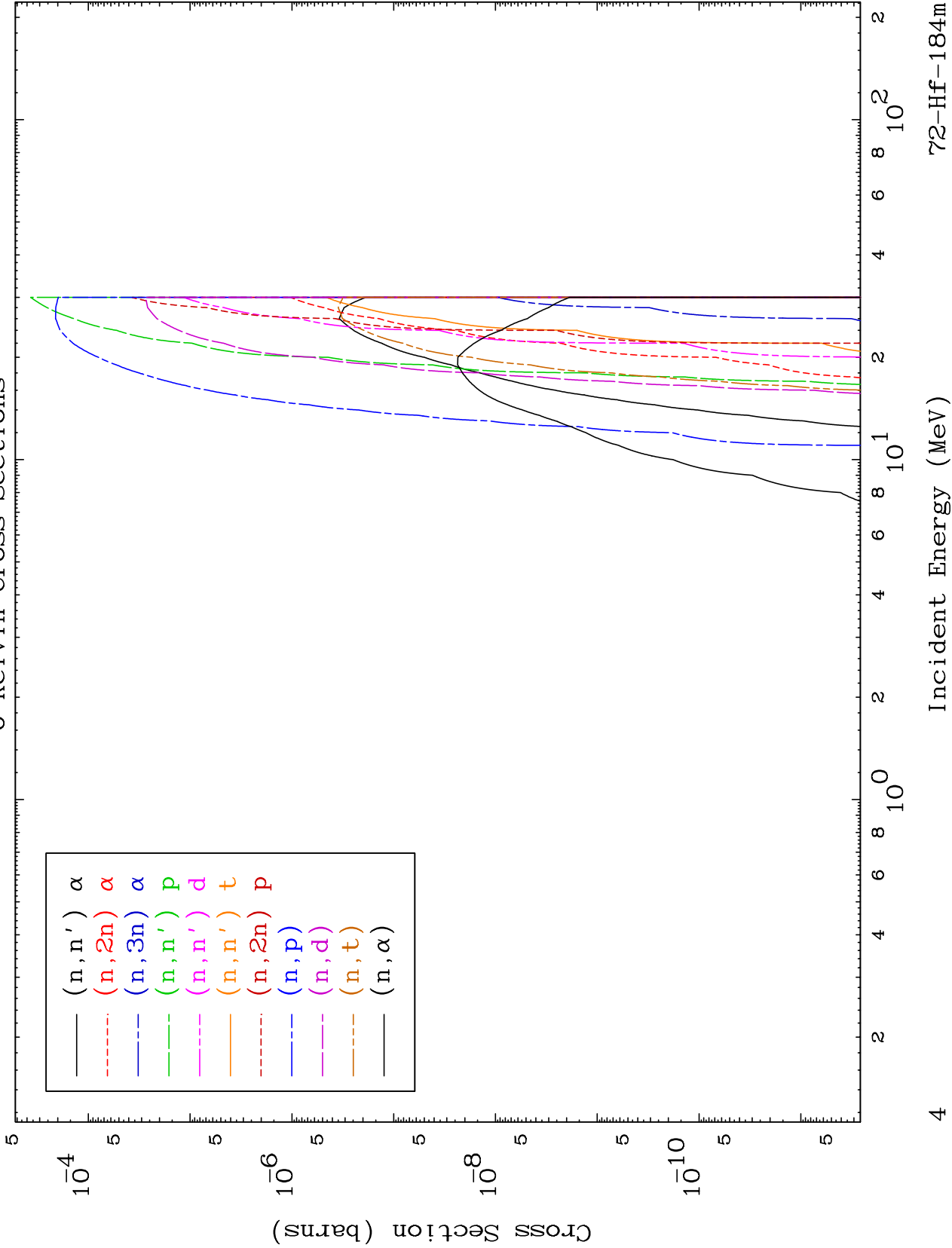
<sup>72</sup>Hf-184m



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Photon Charged Particle  
0 Kelvin Cross Sections

72-Hf-184m

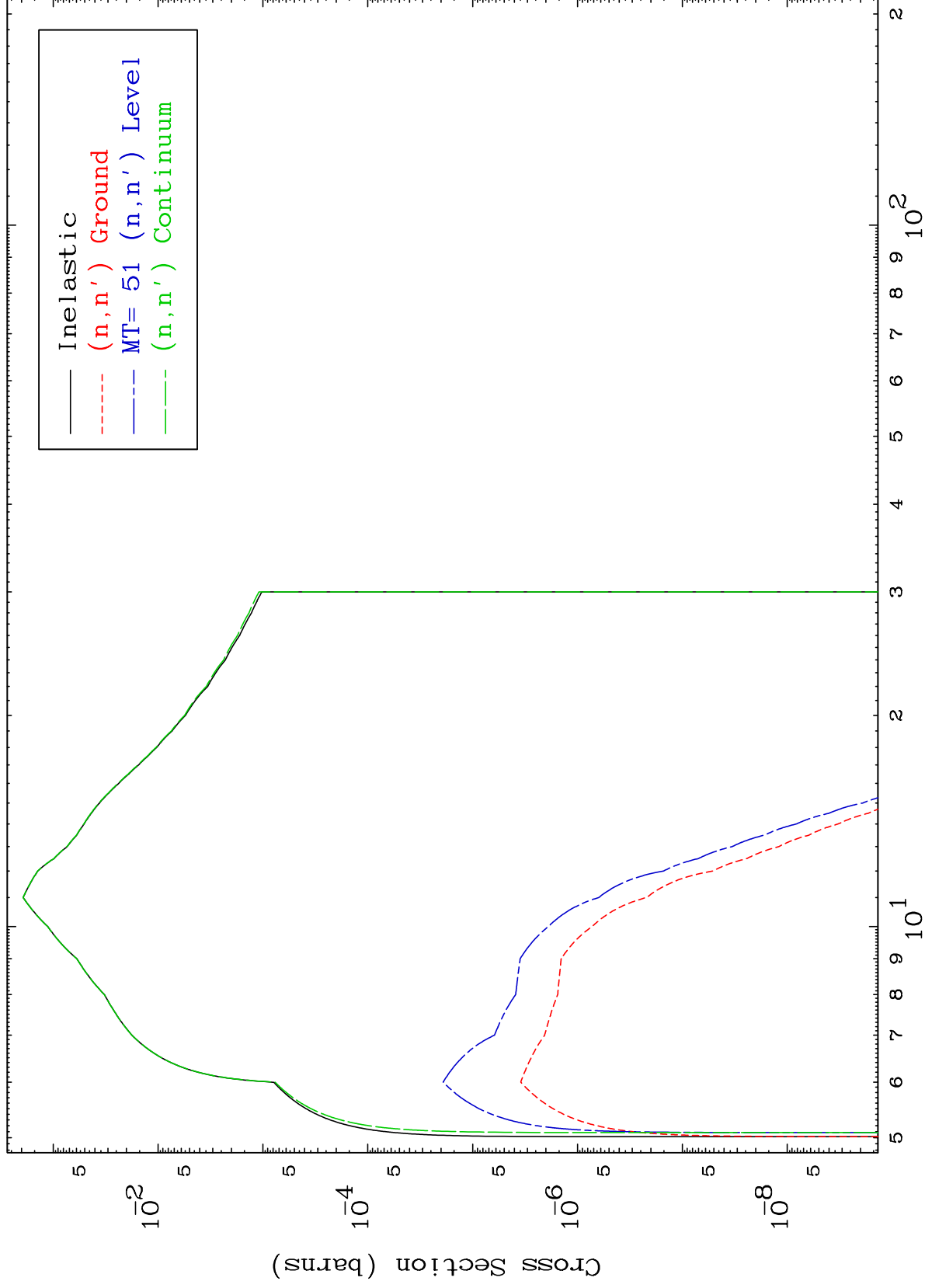


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( $\gamma, n'$ ) Levels

72-Hf-184m

0 Kelvin Cross Sections



Incident Energy (MeV)

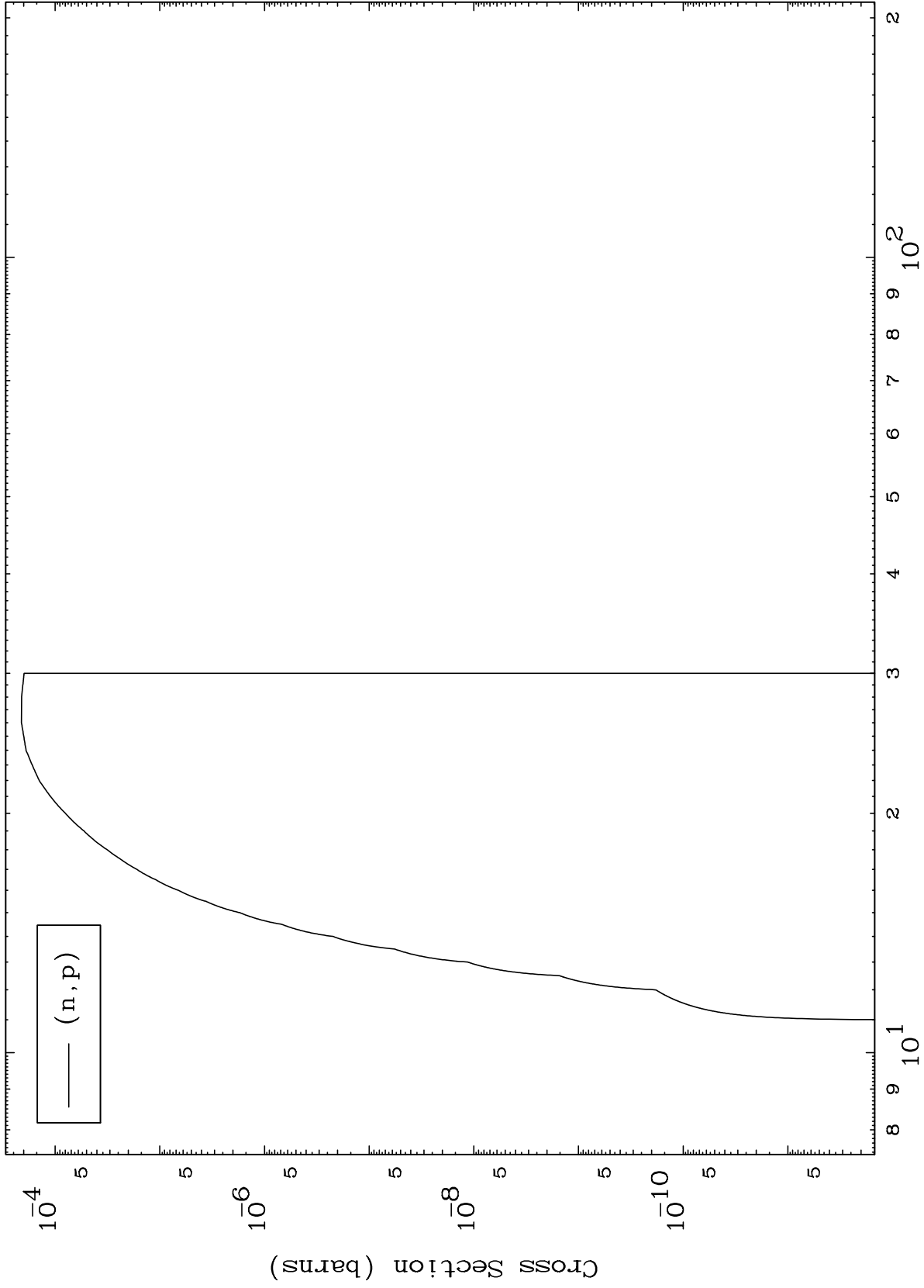
72-Hf-184m

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

$^{72}\text{Hf}-184\text{m}$



Incident Energy (MeV)

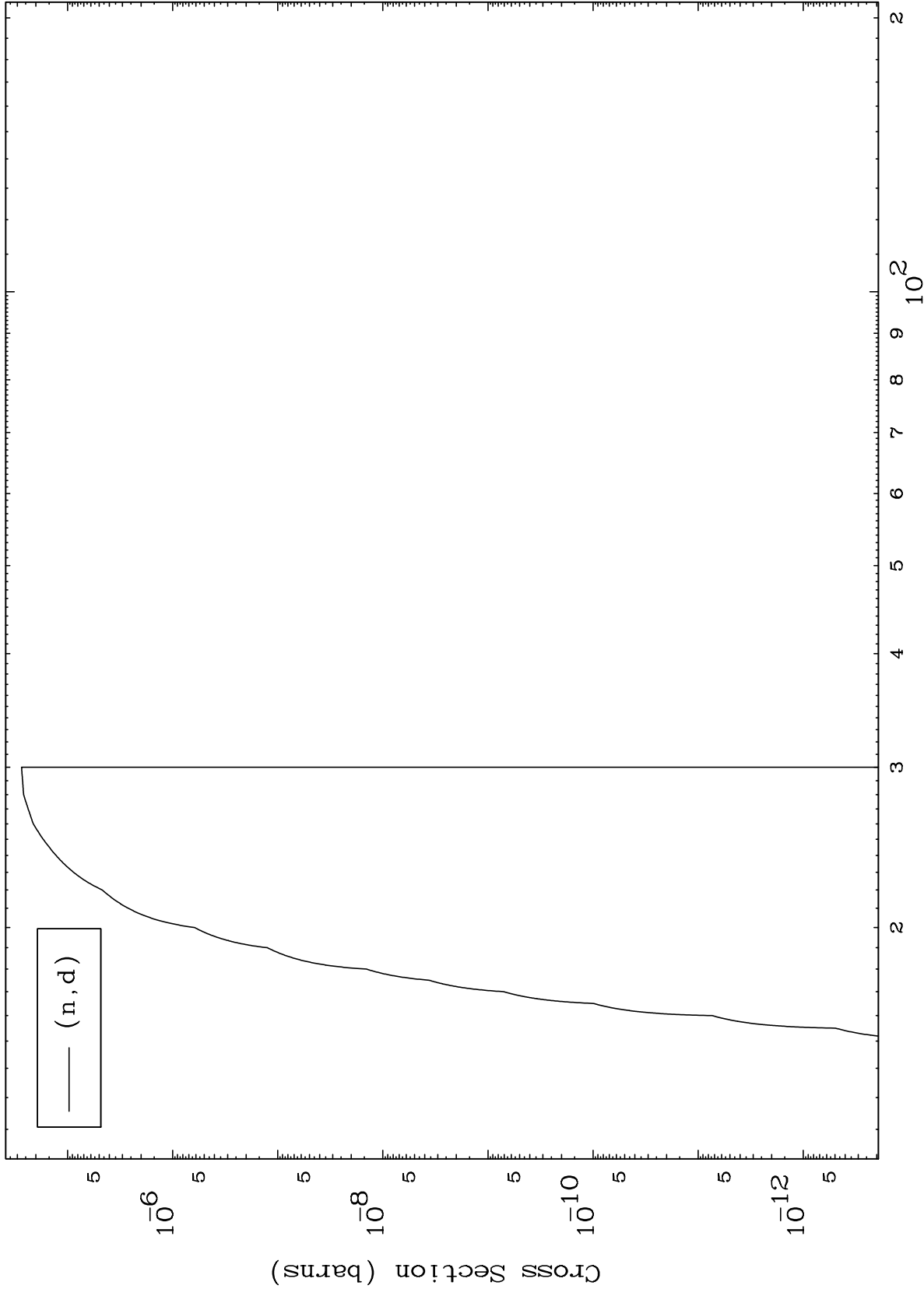
$^{72}\text{Hf}-184\text{m}$

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

<sup>72</sup>Hf-184m



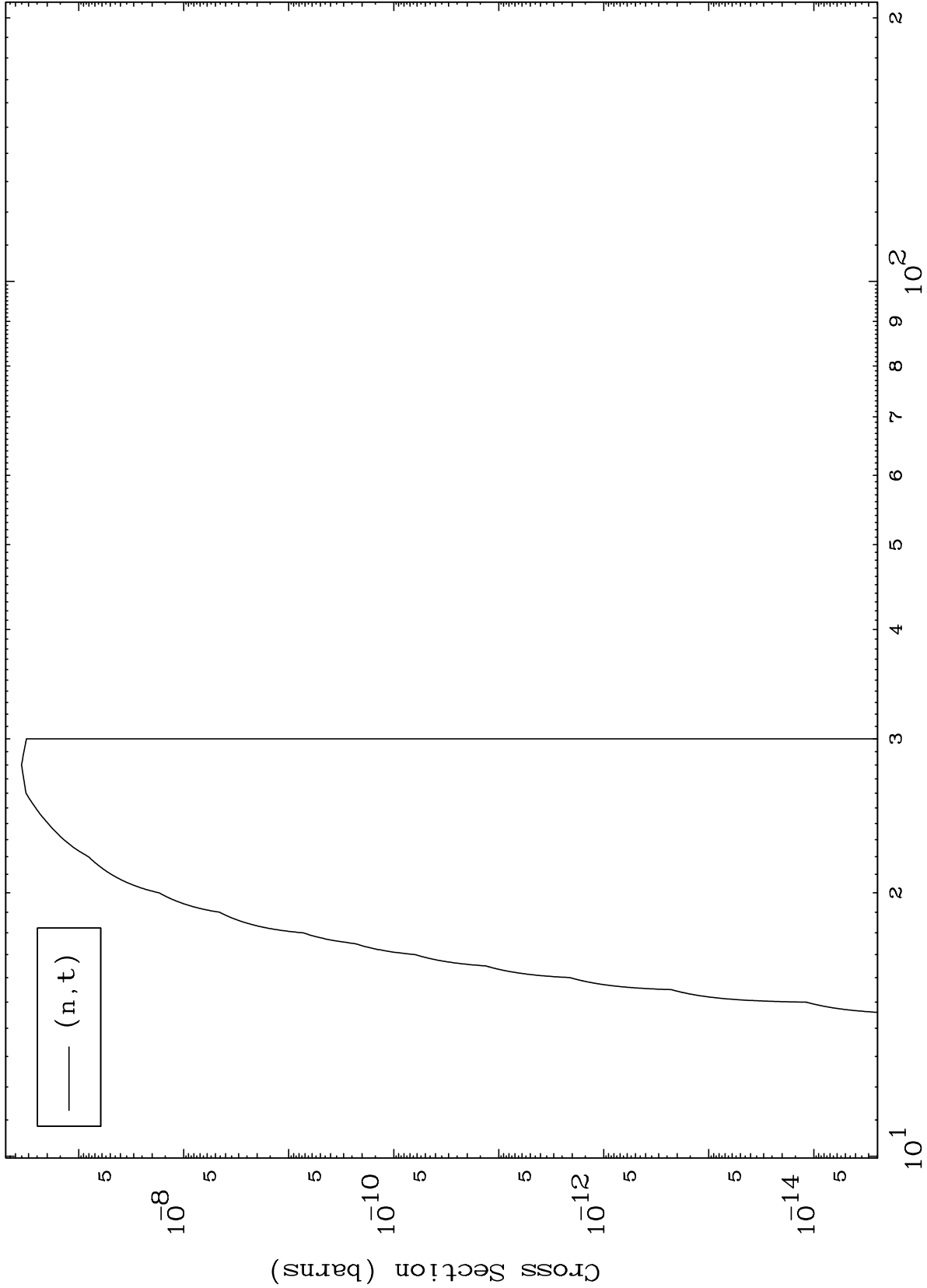


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( $\gamma, t$ ) Levels

<sup>72</sup>Hf-184m

0 Kelvin Cross Sections



Incident Energy (MeV)

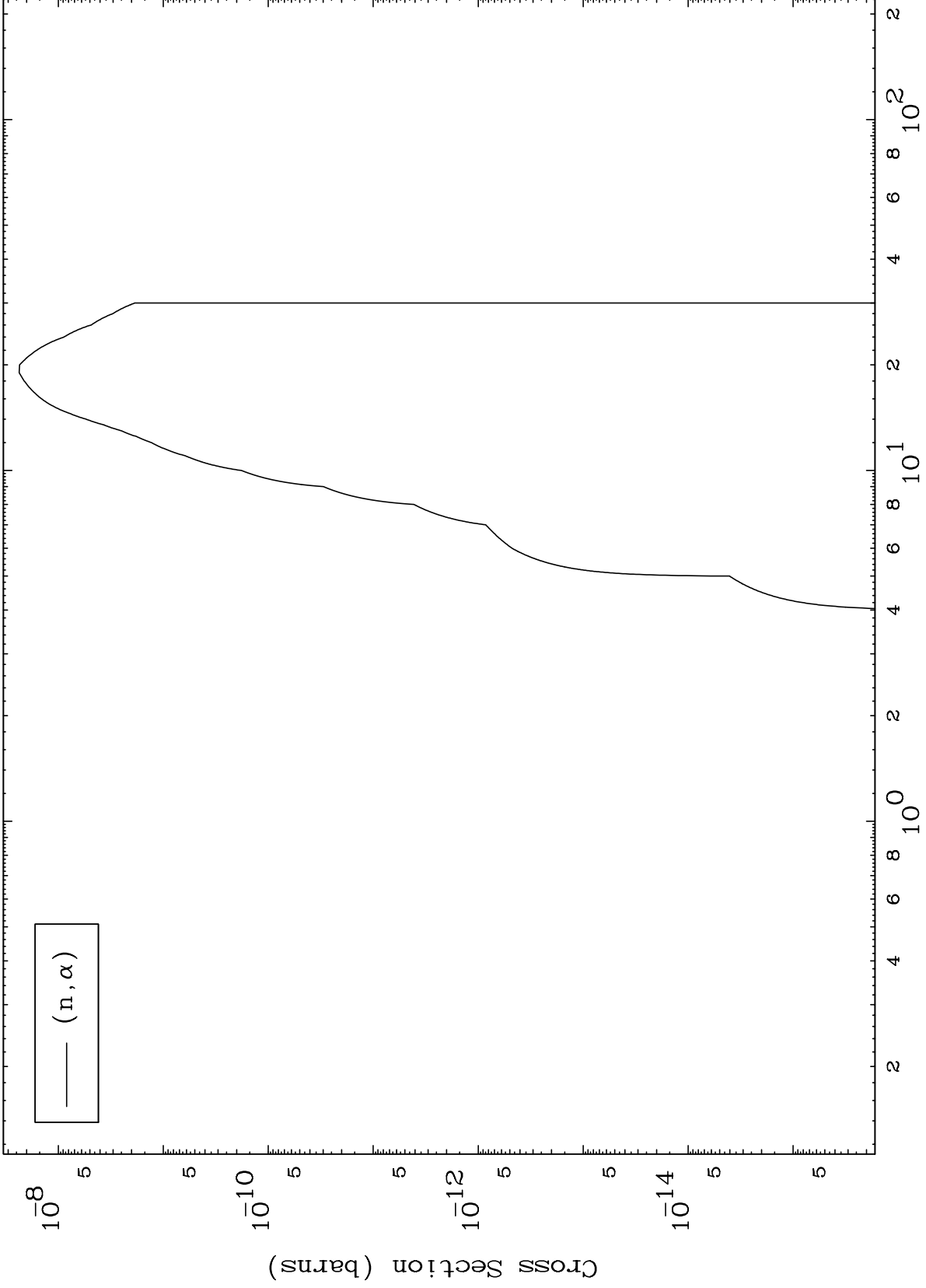
<sup>72</sup>Hf-184m

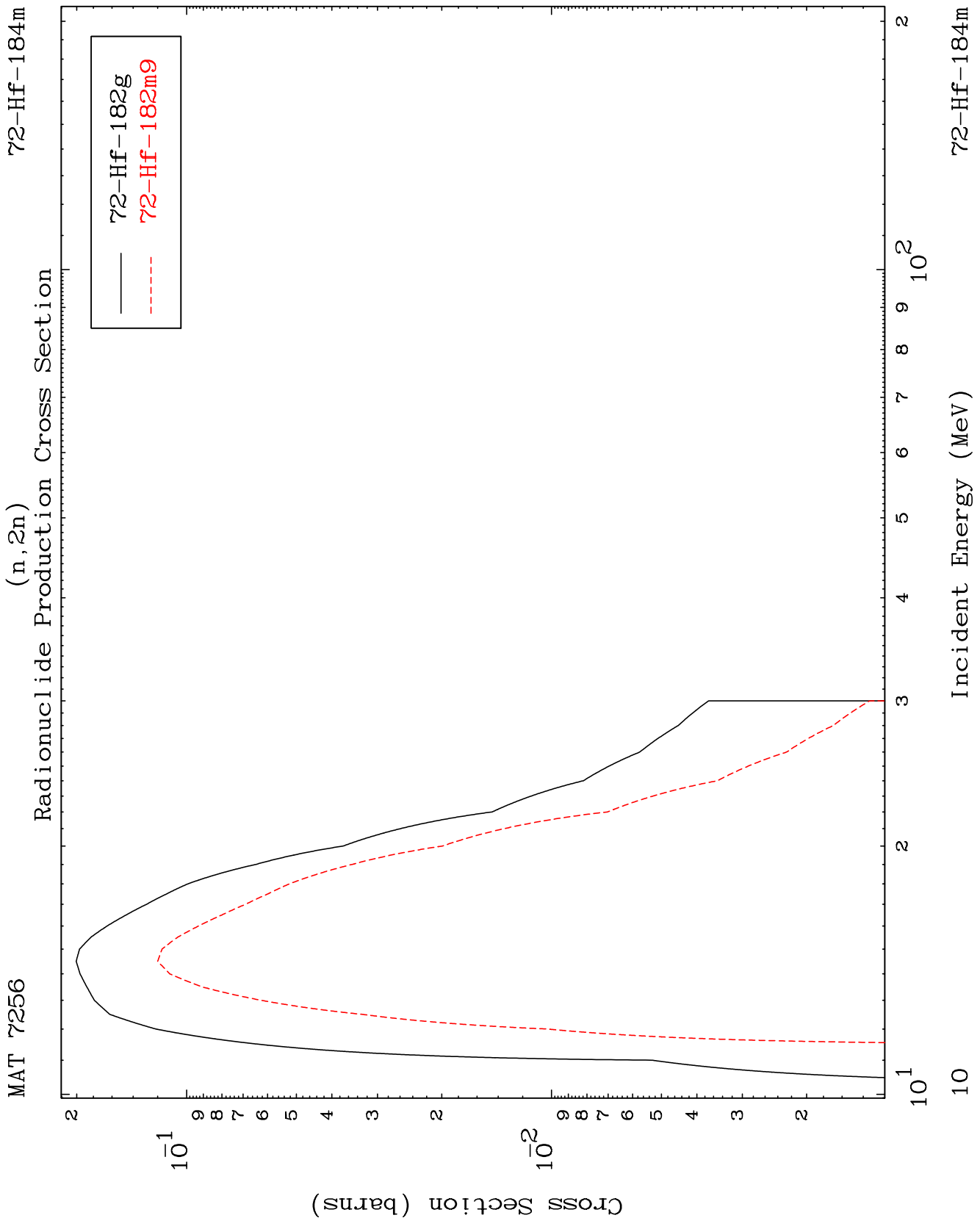
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( $\gamma, \alpha$ ) Levels

$^{72}\text{Hf}-184\text{m}$

0 Kelvin Cross Sections



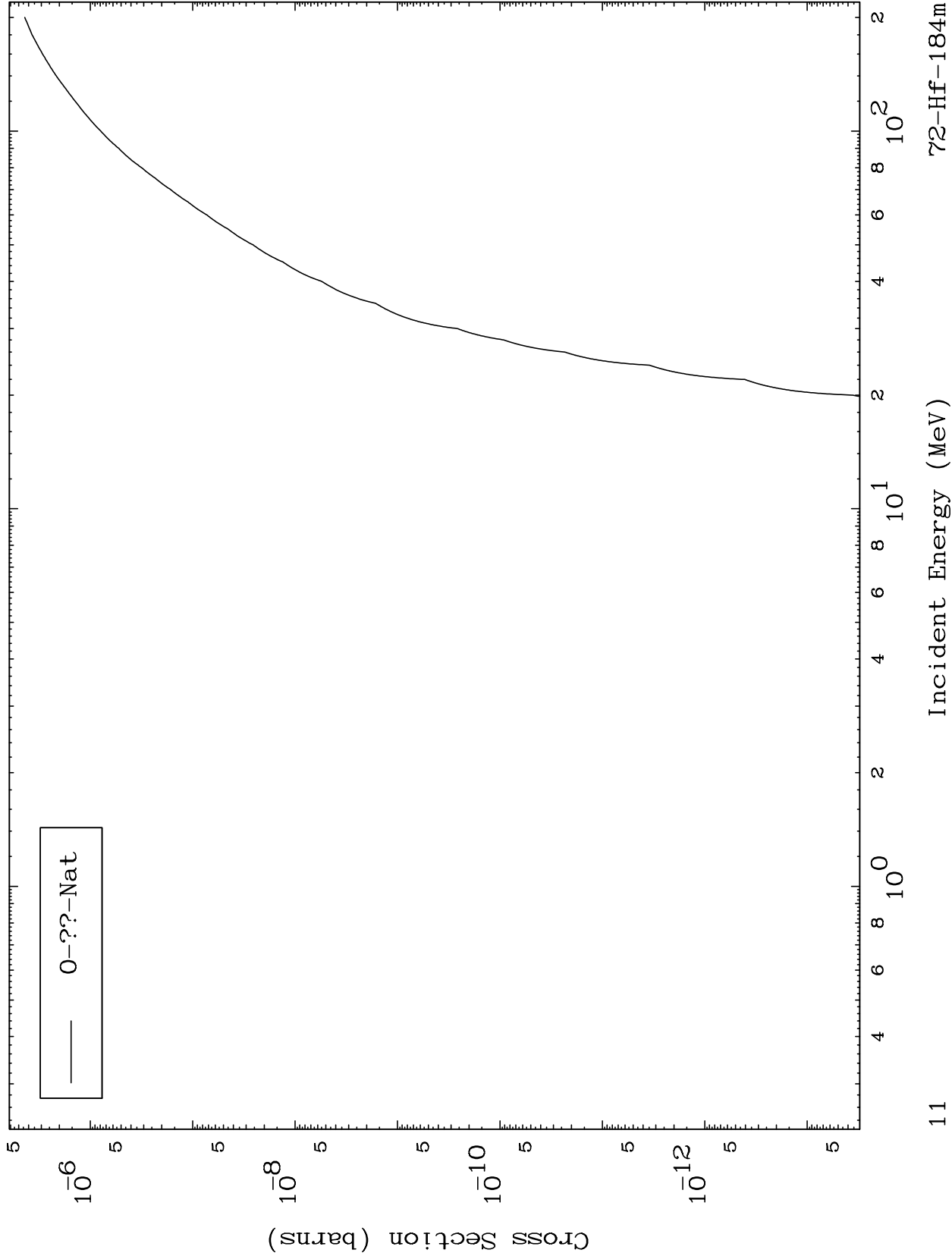


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Fission

<sup>72</sup>Hf-184m

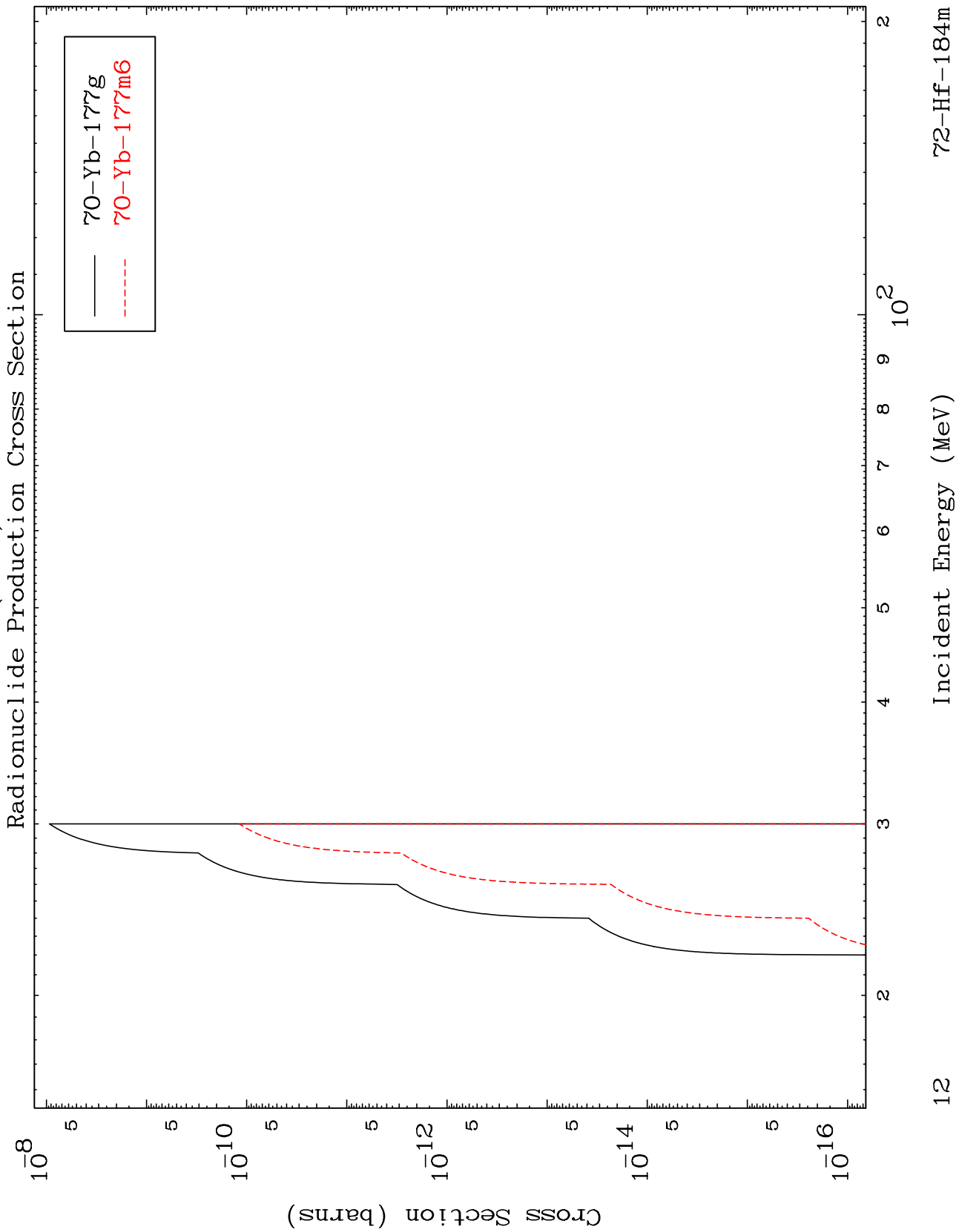
Radionuclide Production Cross Section



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(n,3n)  $\alpha$

72-Hf-184m



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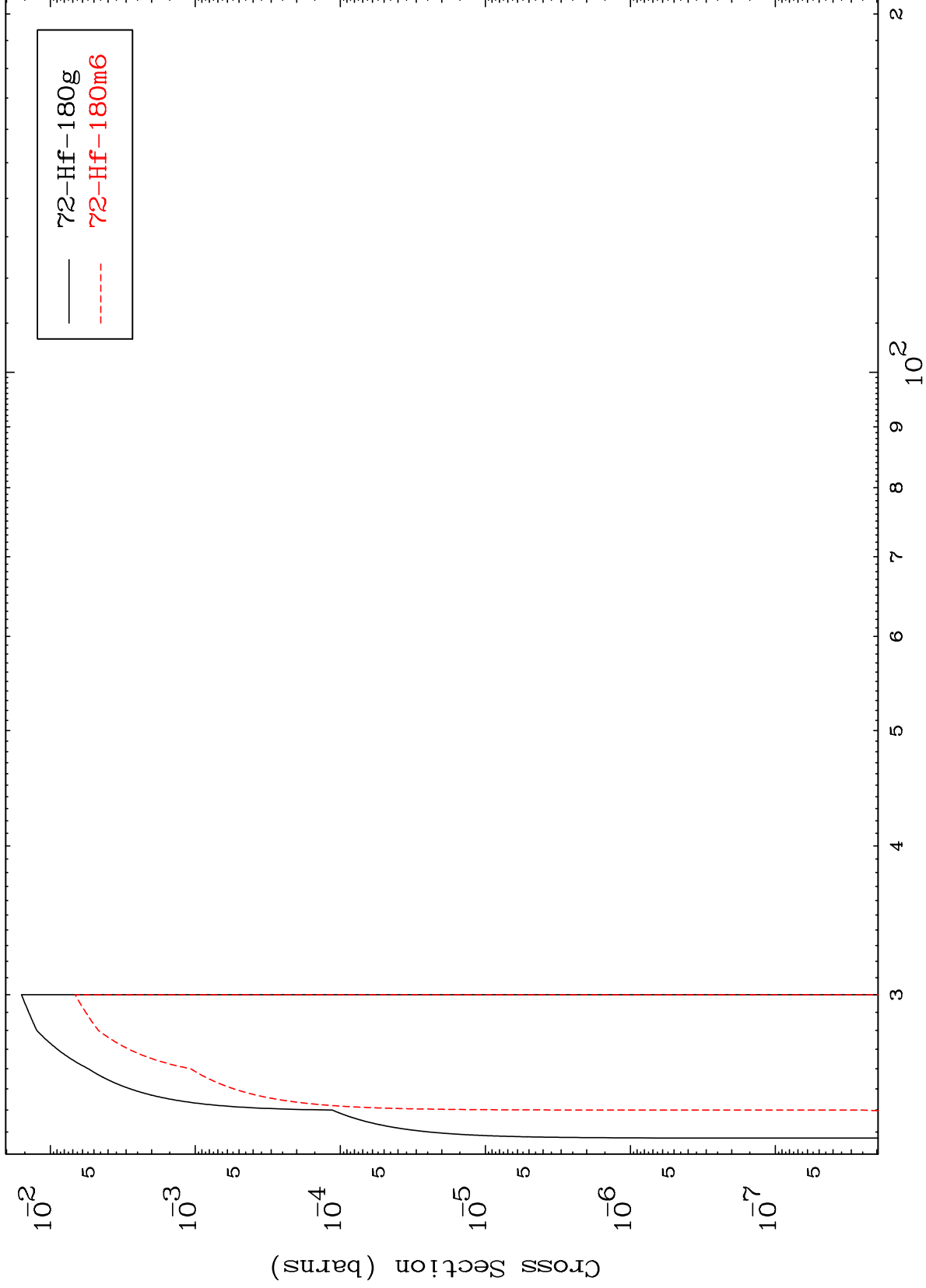
72-Hf-184m

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(n,4n)

<sup>72</sup>Hf-184m

Radionuclide Production Cross Section



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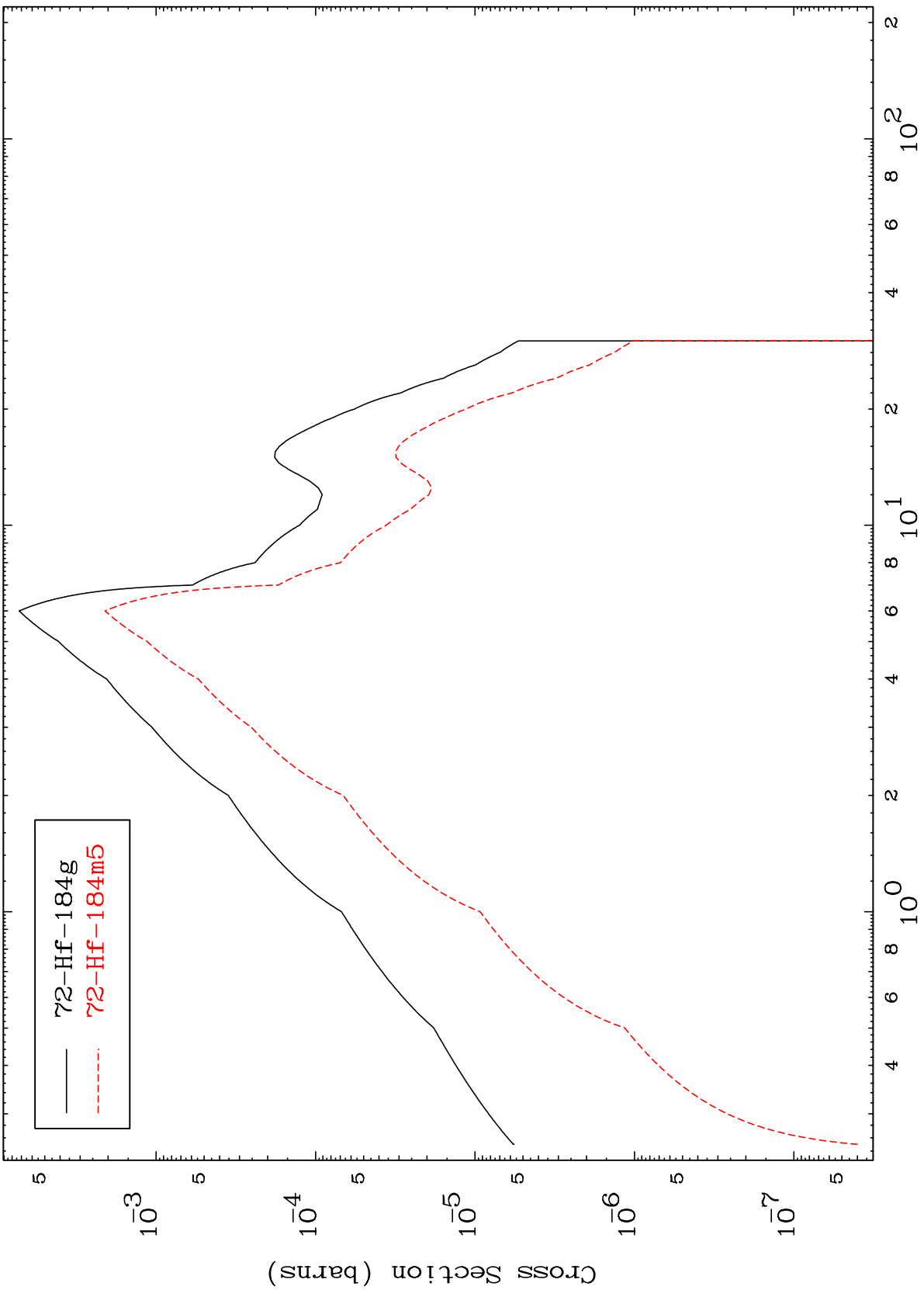
Incident Energy (MeV)

<sup>72</sup>Hf-184m

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<sup>72</sup>Hf-184m

Radionuclide Production Cross Section (n,γ)



— 72-Hf-184g  
- - - 72-Hf-184m5

<sup>72</sup>Hf-184m

Incident Energy (MeV)

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