

Program EVALPLOT  
(Version 2021-1)

by

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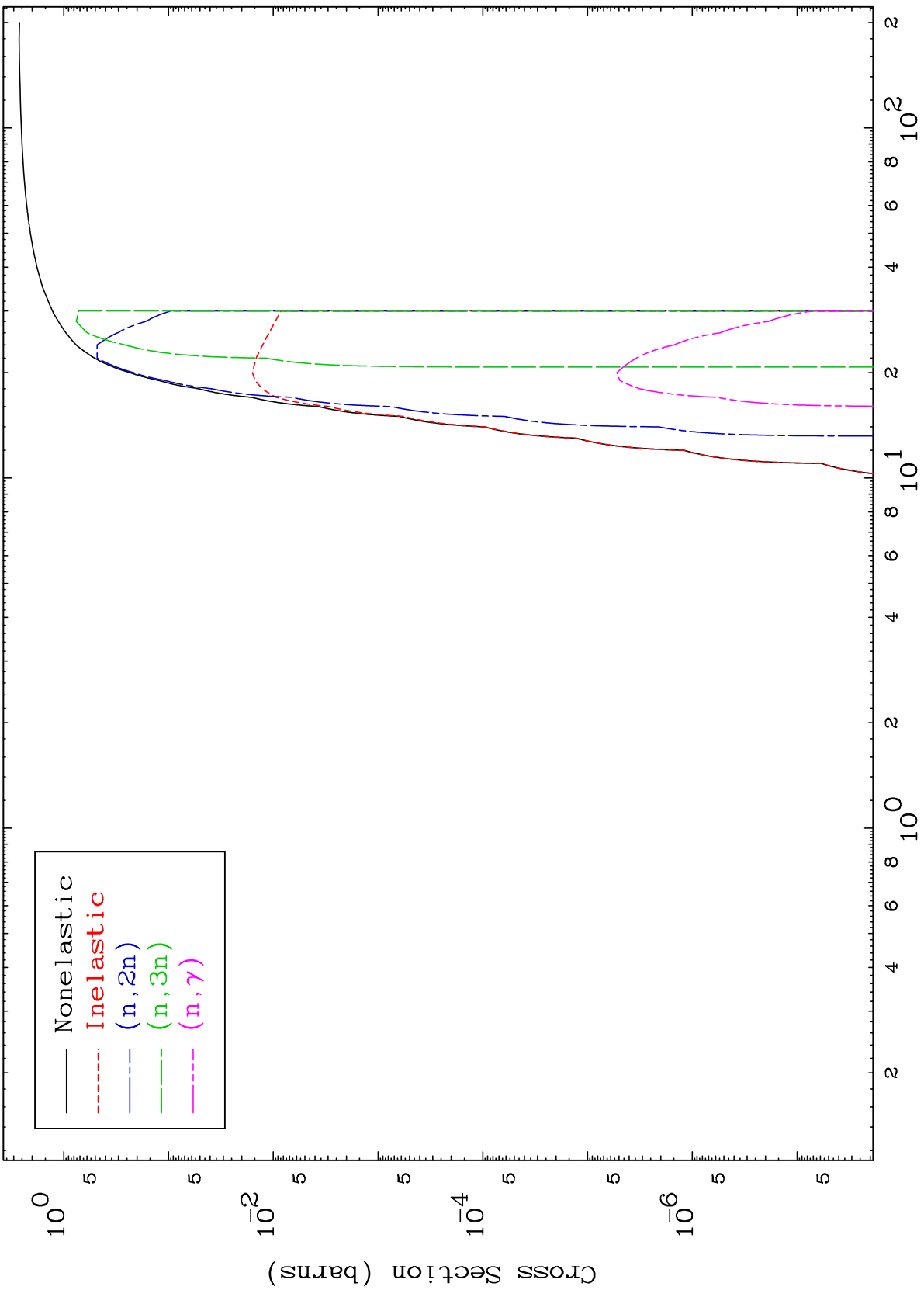
Press Mouse Button to Start

MAT 7250

$\alpha$  Major

72-Hf-182m

0 Kelvin Cross Sections

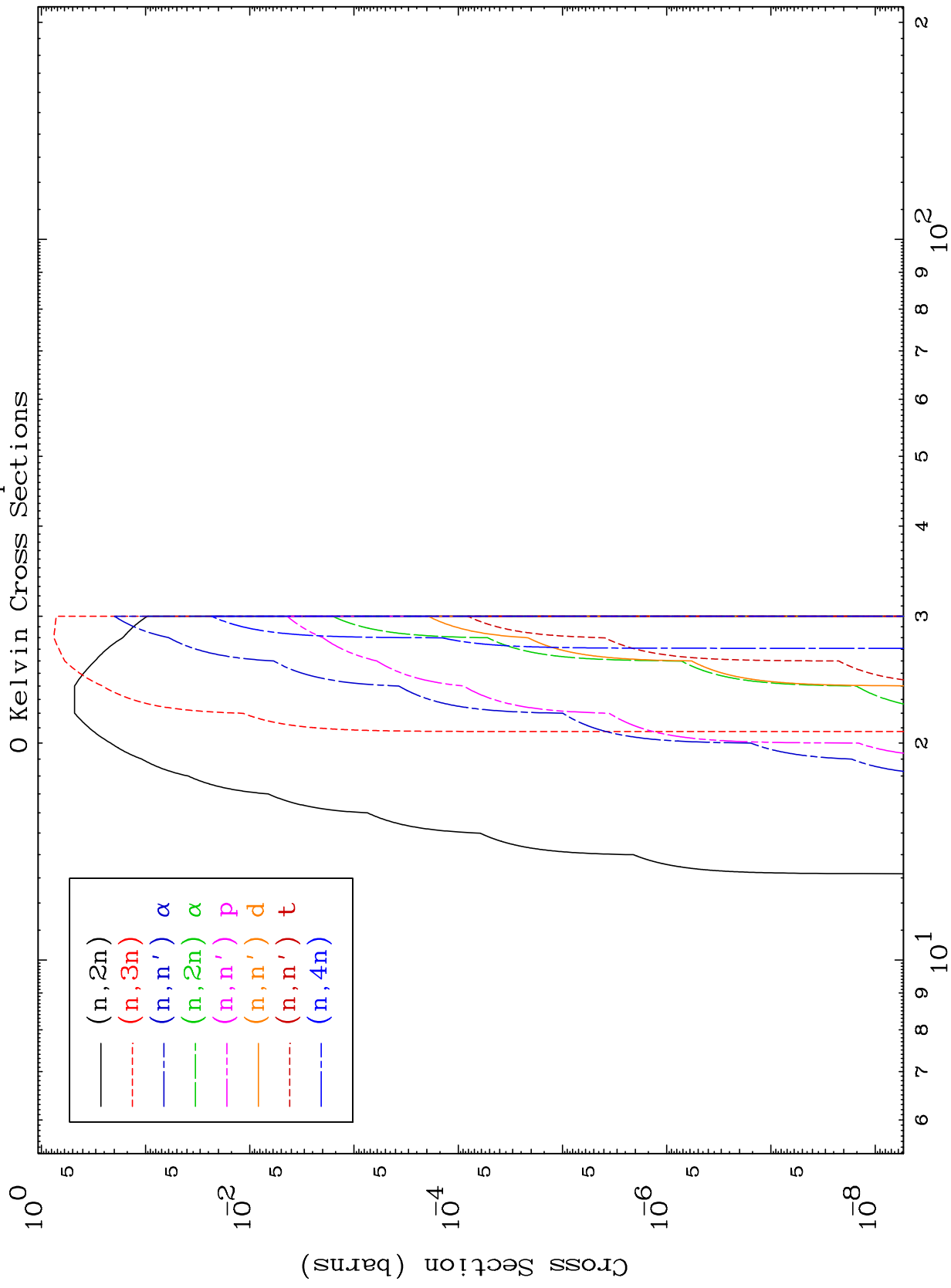


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n,2n)  
- - - (n,3n)  
- - - (n, $\gamma$ )

MAT 7250

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

$^{72}\text{Hf}-182\text{m}$



Incident Energy (MeV)

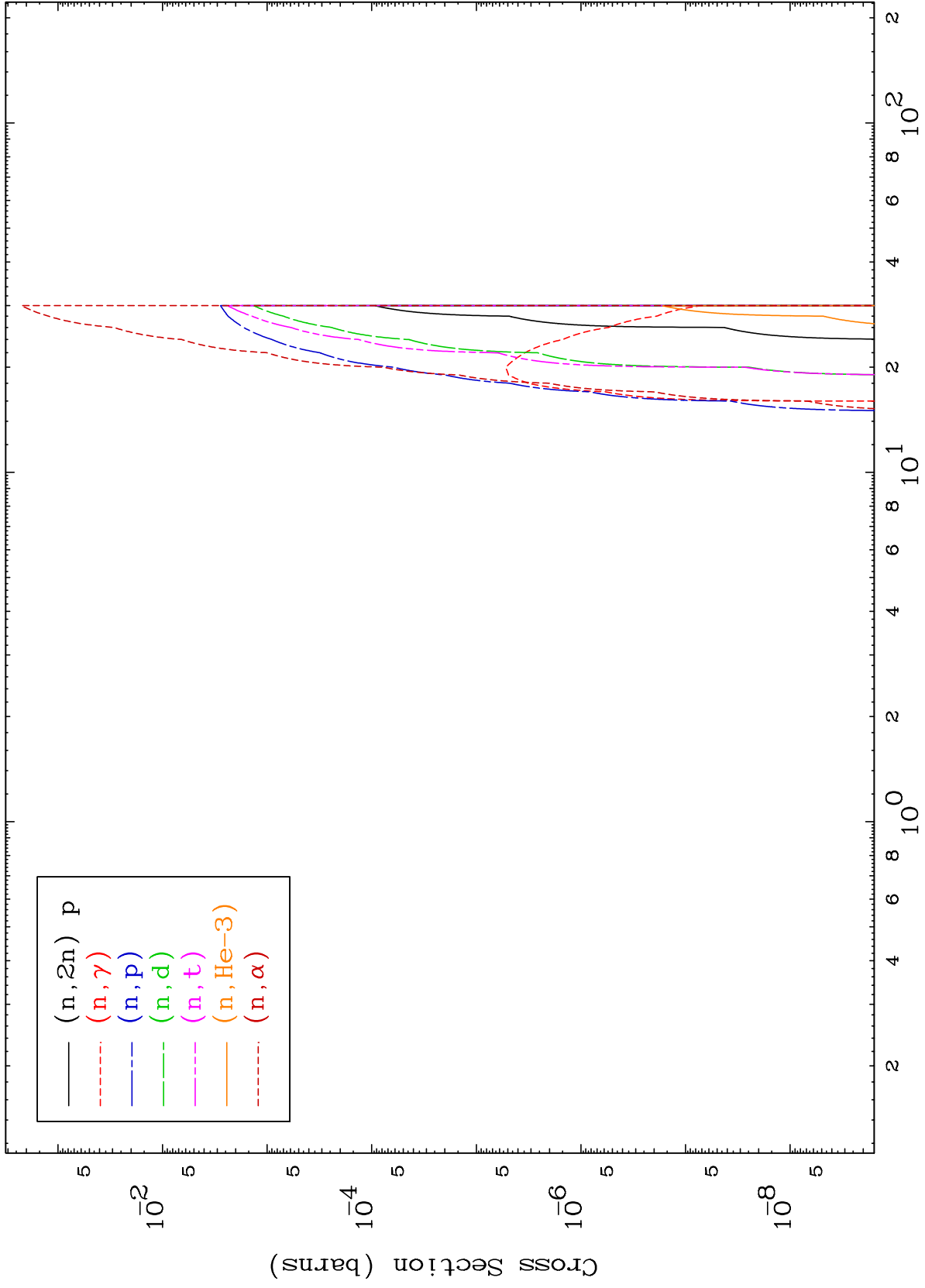
$^{72}\text{Hf}-182\text{m}$

2

MAT 7250

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

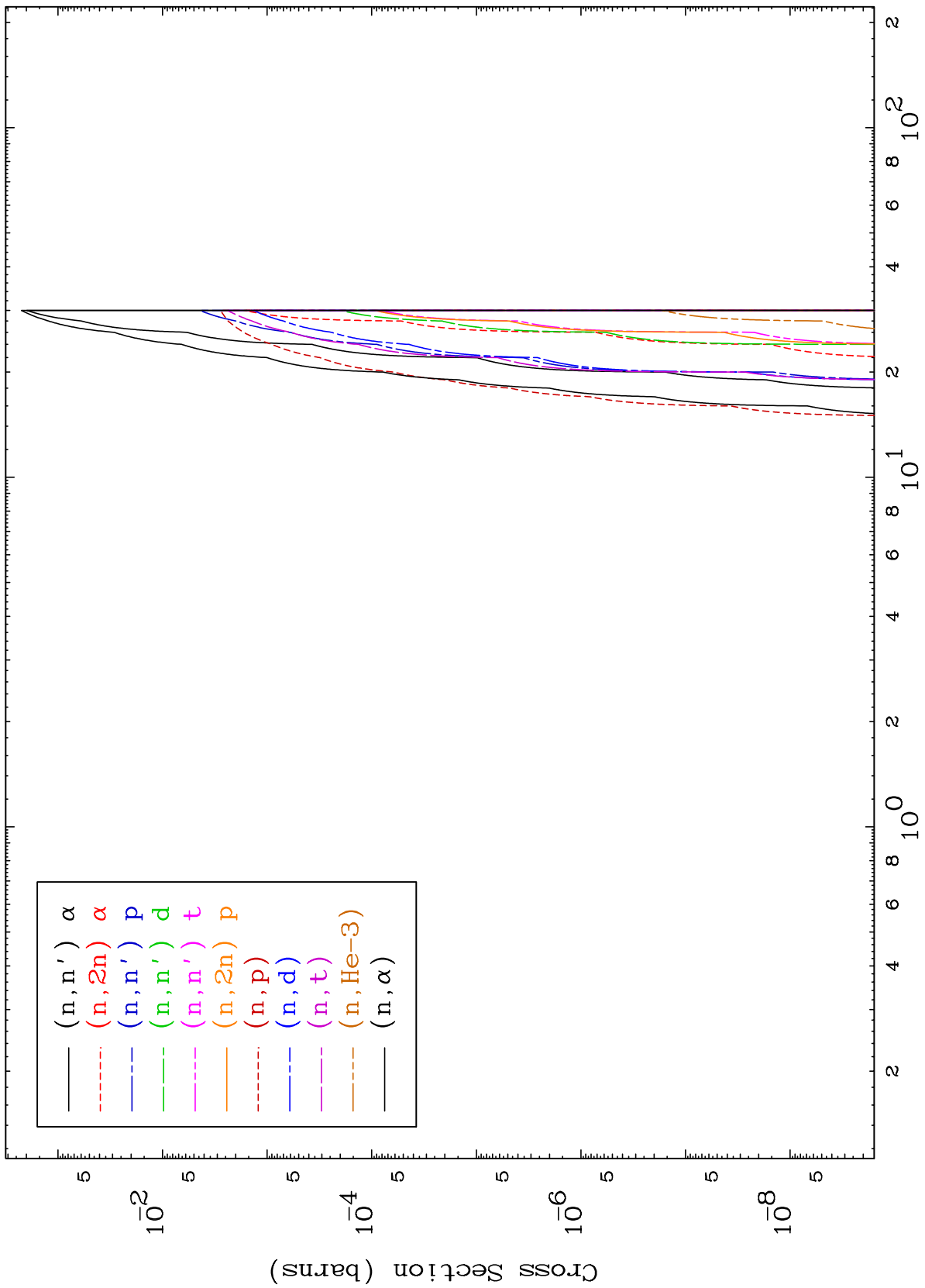
72-Hf-182m



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

<sup>72</sup>Hf-182m

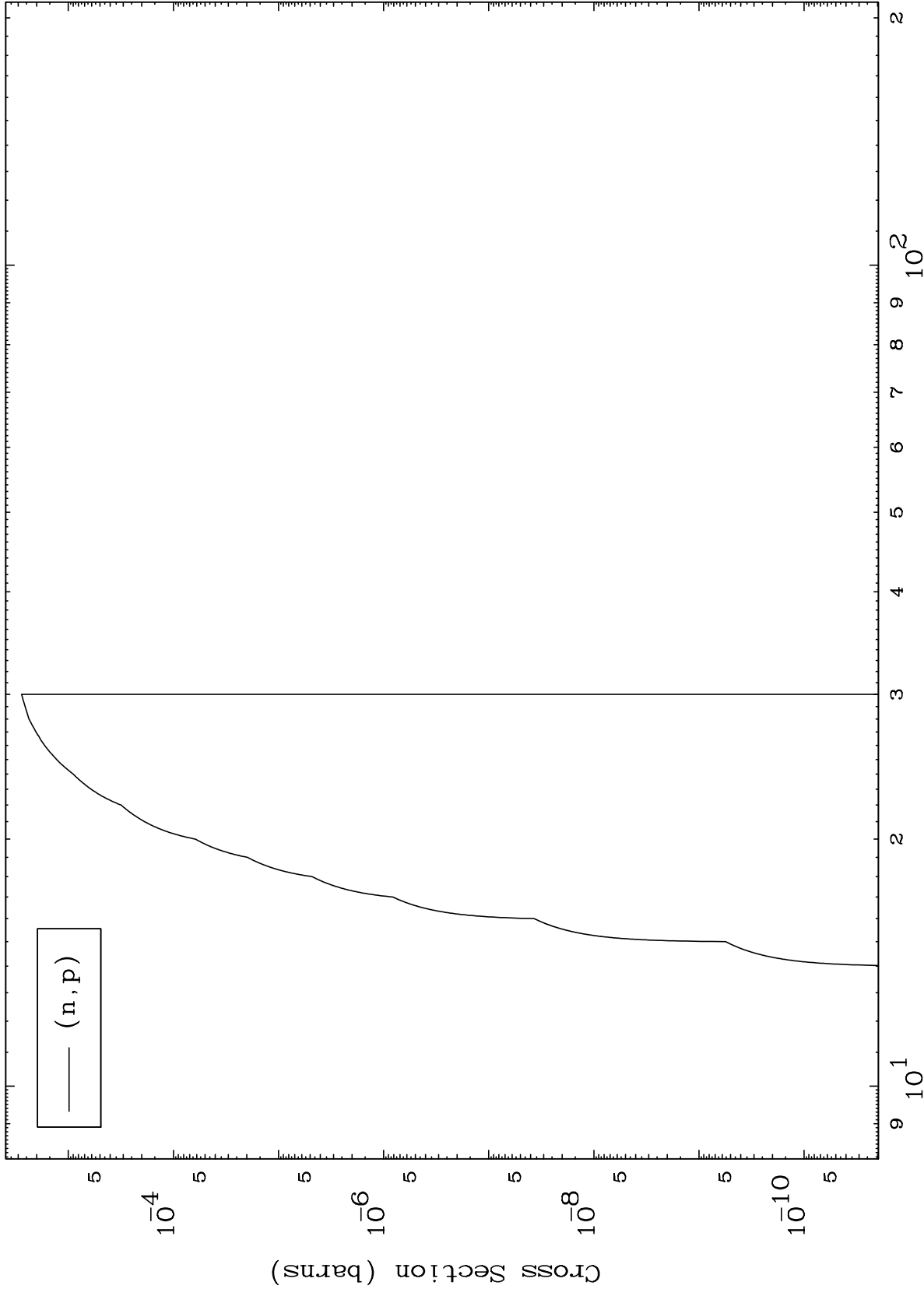


MAT 7250

( $\alpha, p$ ) Levels

72-Hf-182m

0 Kelvin Cross Sections



Incident Energy (MeV)

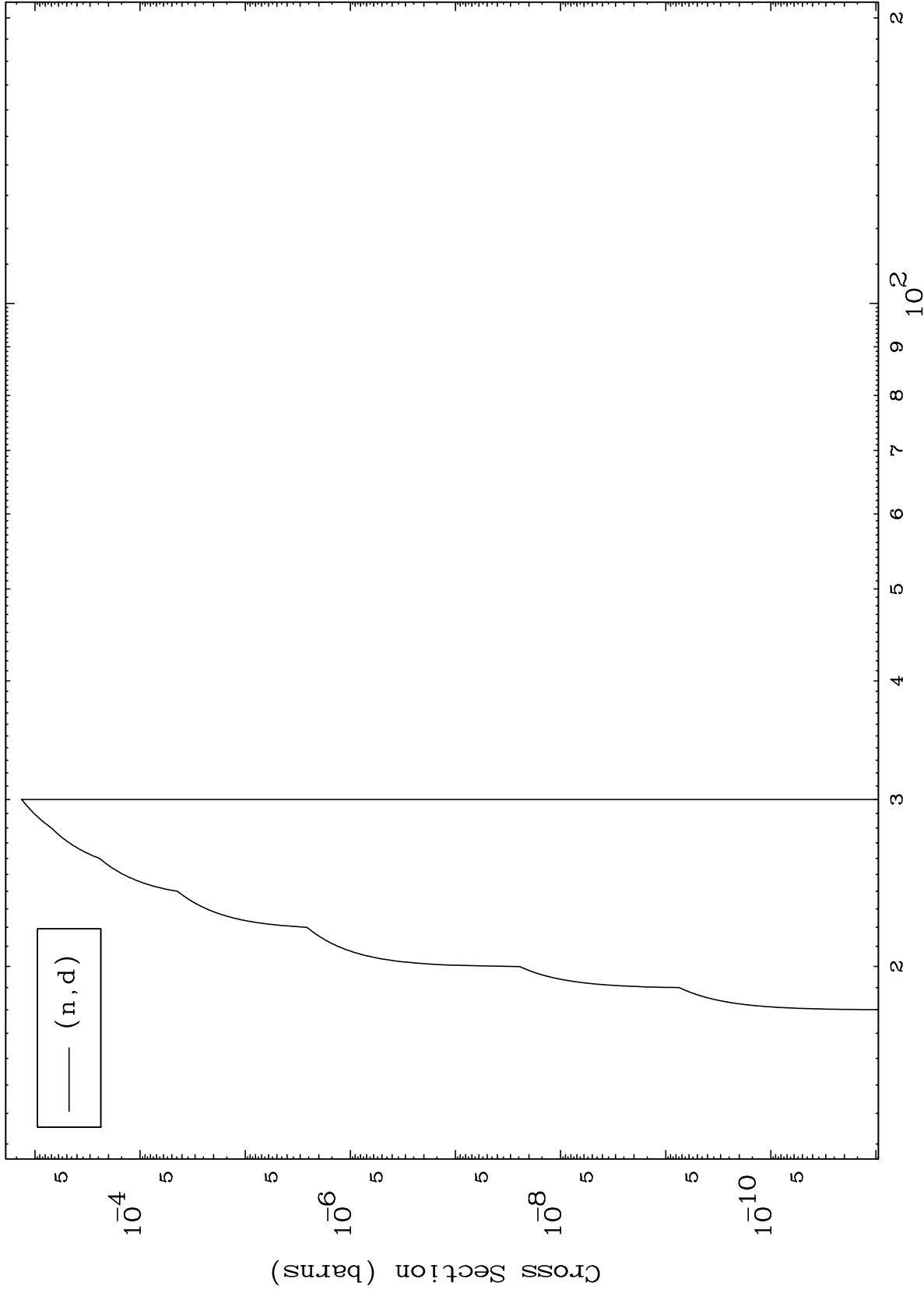
72-Hf-182m

5

MAT 7250

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

$^{72}\text{Hf}-182\text{m}$



6

Incident Energy (MeV)

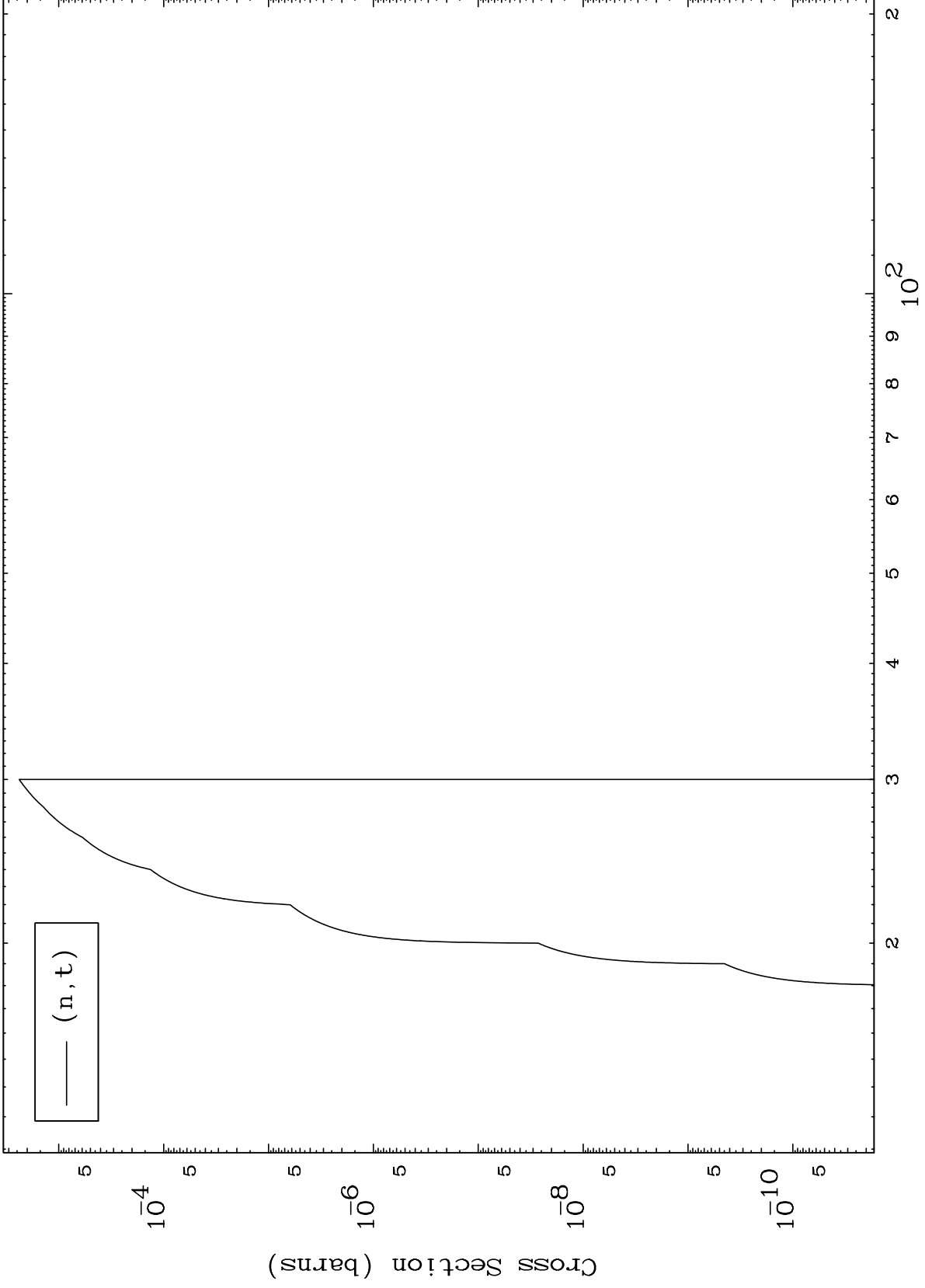
$^{72}\text{Hf}-182\text{m}$

MAT 7250

( $\alpha, t$ ) Levels

<sup>72</sup>Hf-182m

0 Kelvin Cross Sections

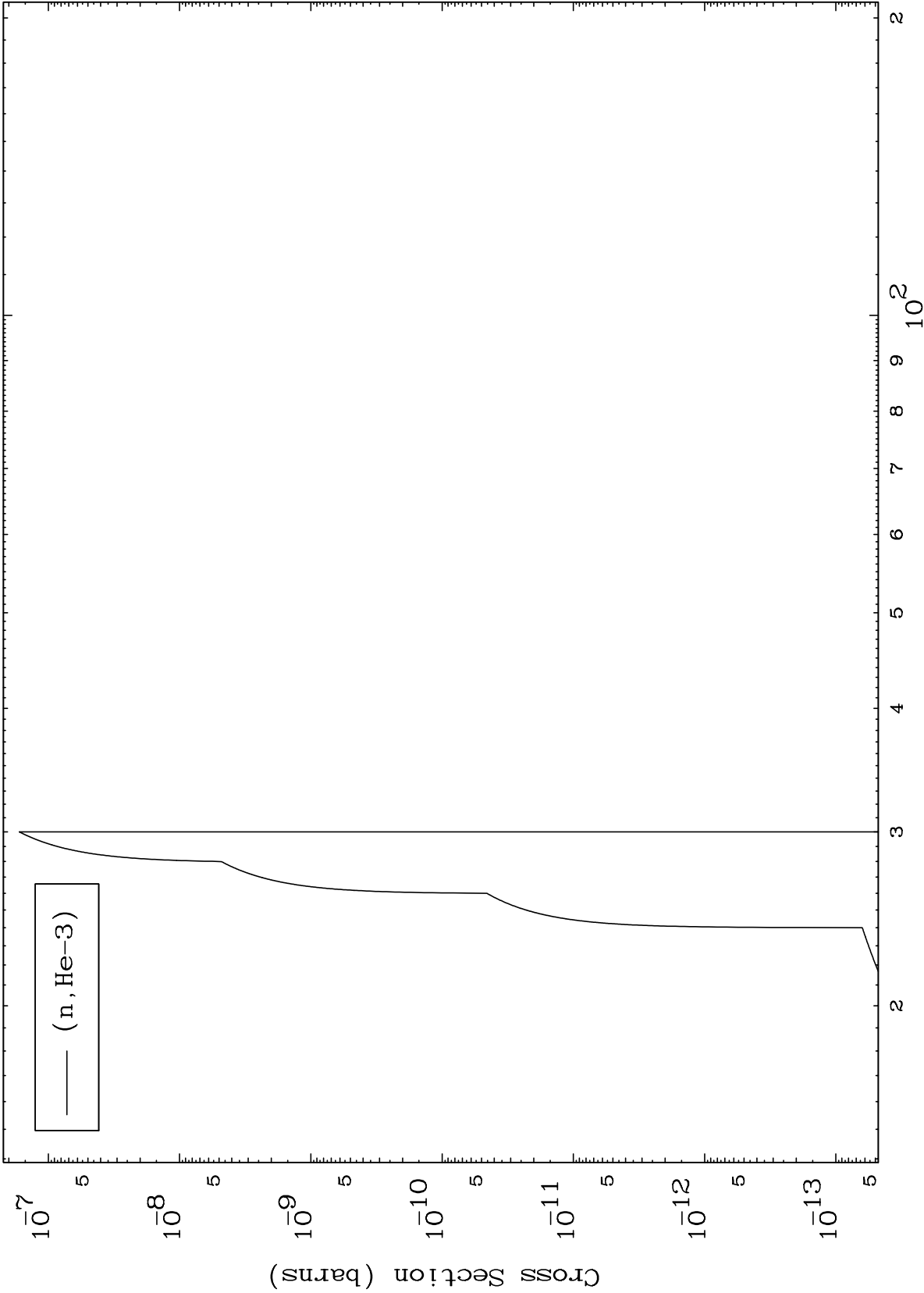




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( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

72-Hf-182m

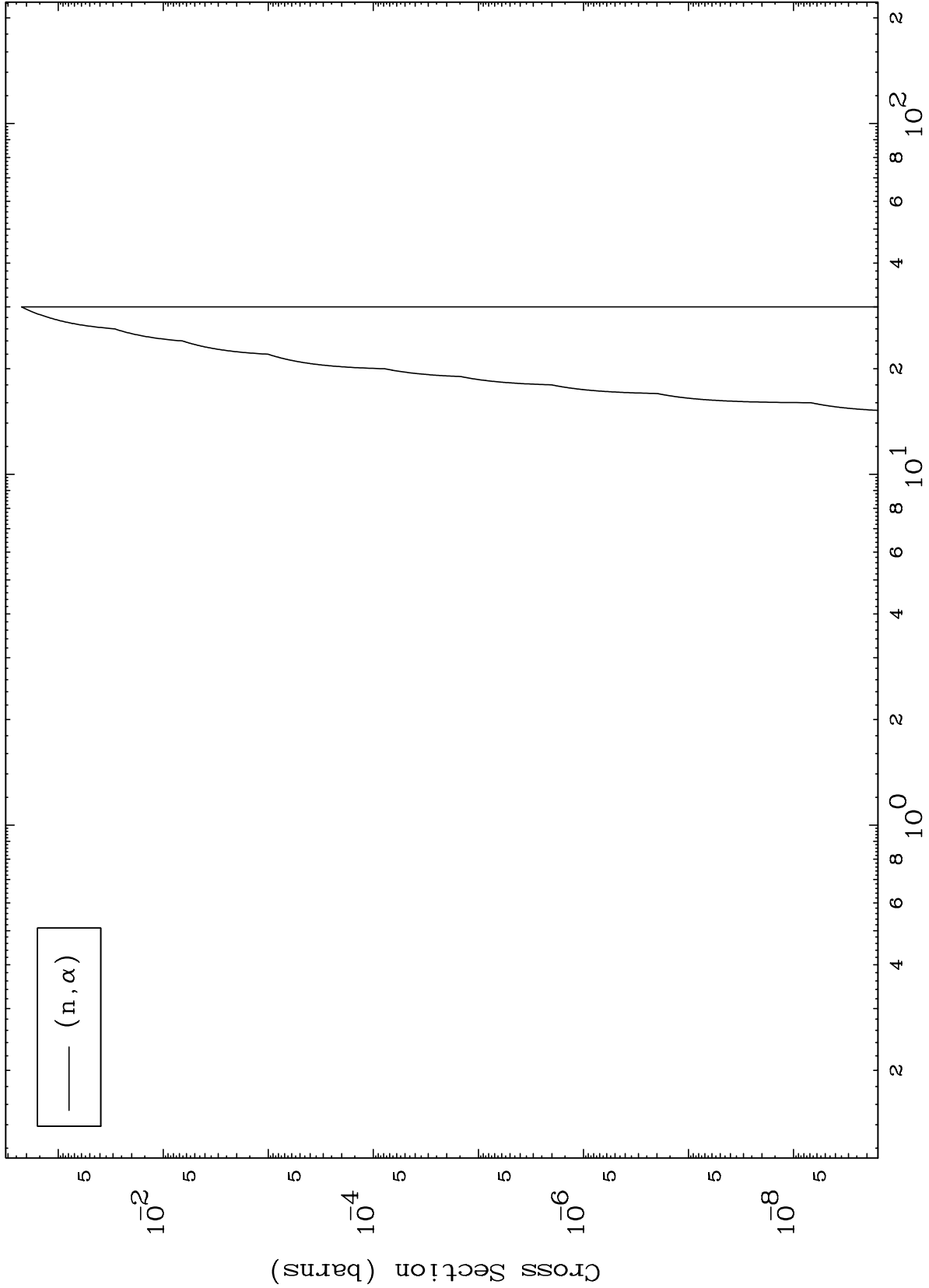


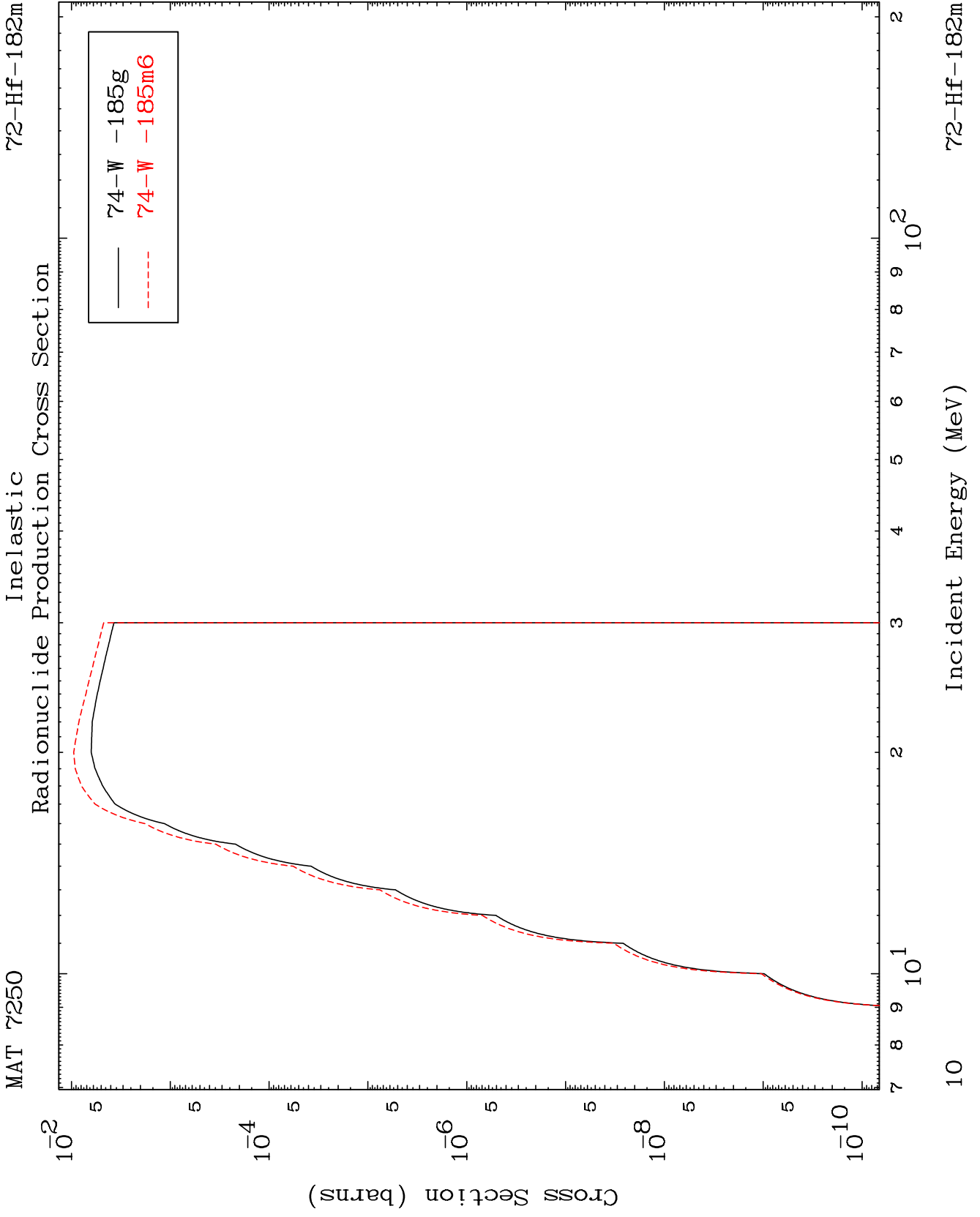
MAT 7250

( $\alpha, \alpha$ ) Levels

72-Hf-182m

0 Kelvin Cross Sections



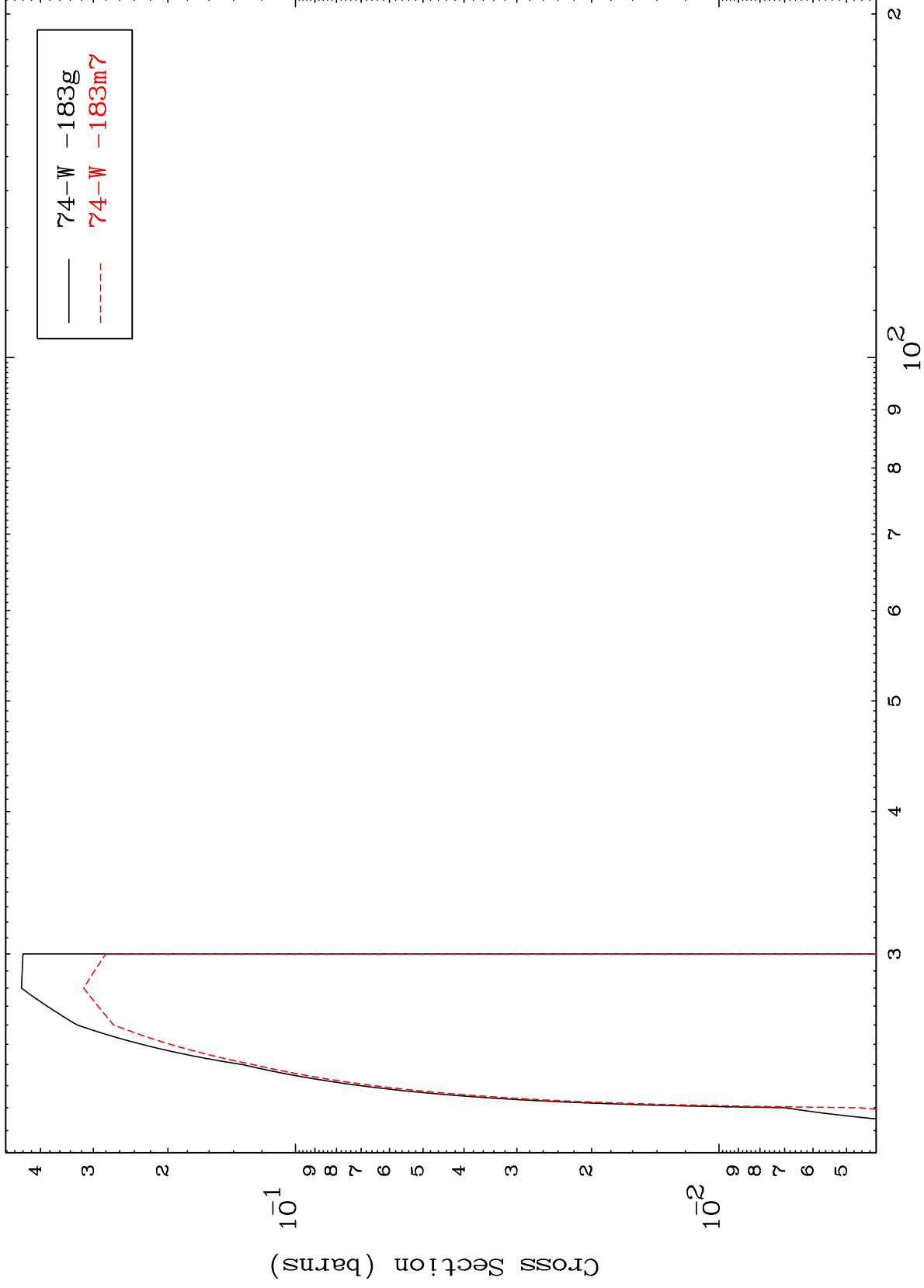


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(n,3n)

<sup>72</sup>Hf-182m

Radionuclide Production Cross Section



11

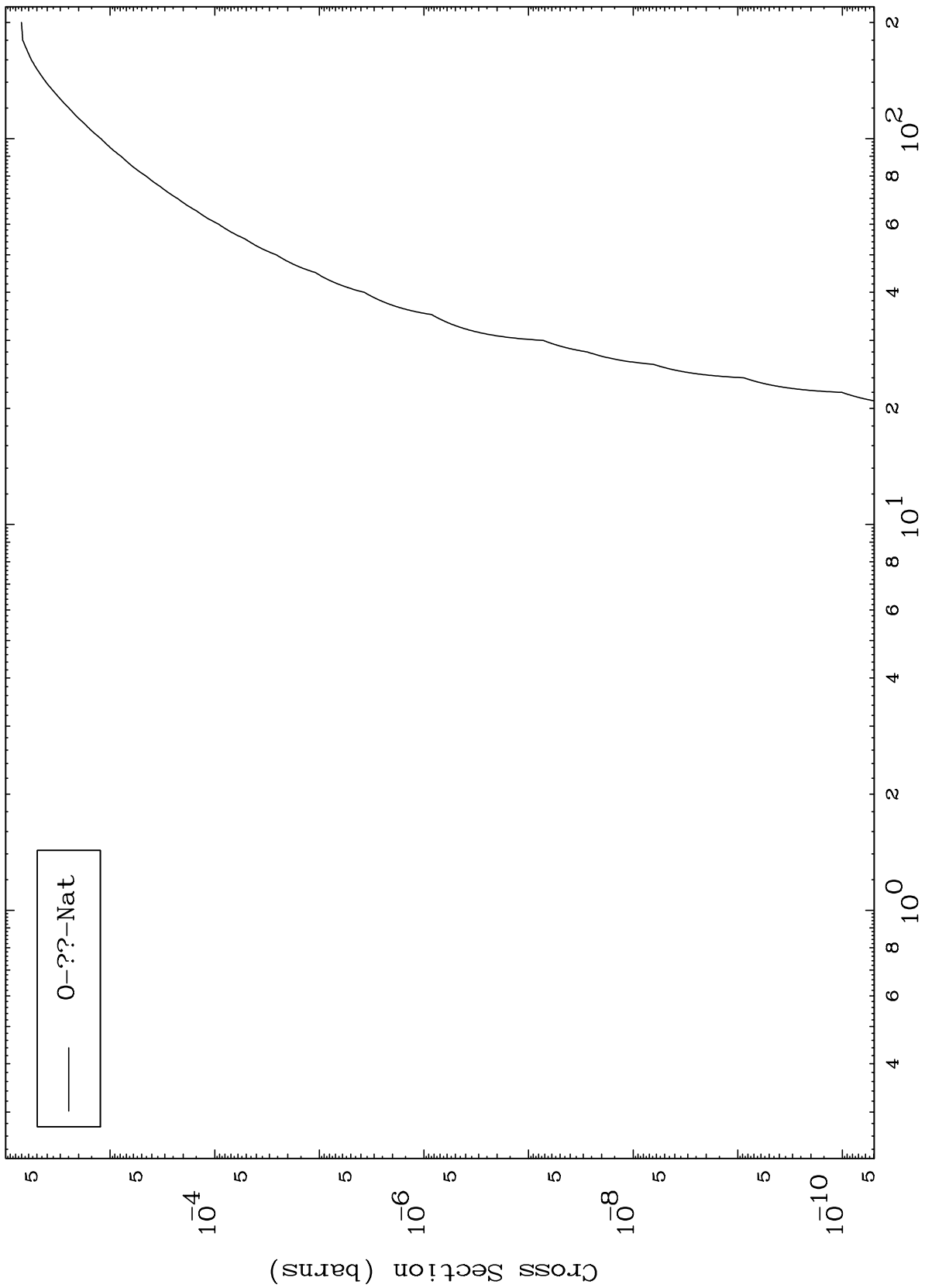
Incident Energy (MeV)

<sup>72</sup>Hf-182m

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Fission  
Radionuclide Production Cross Section

<sup>72</sup>Hf-182m



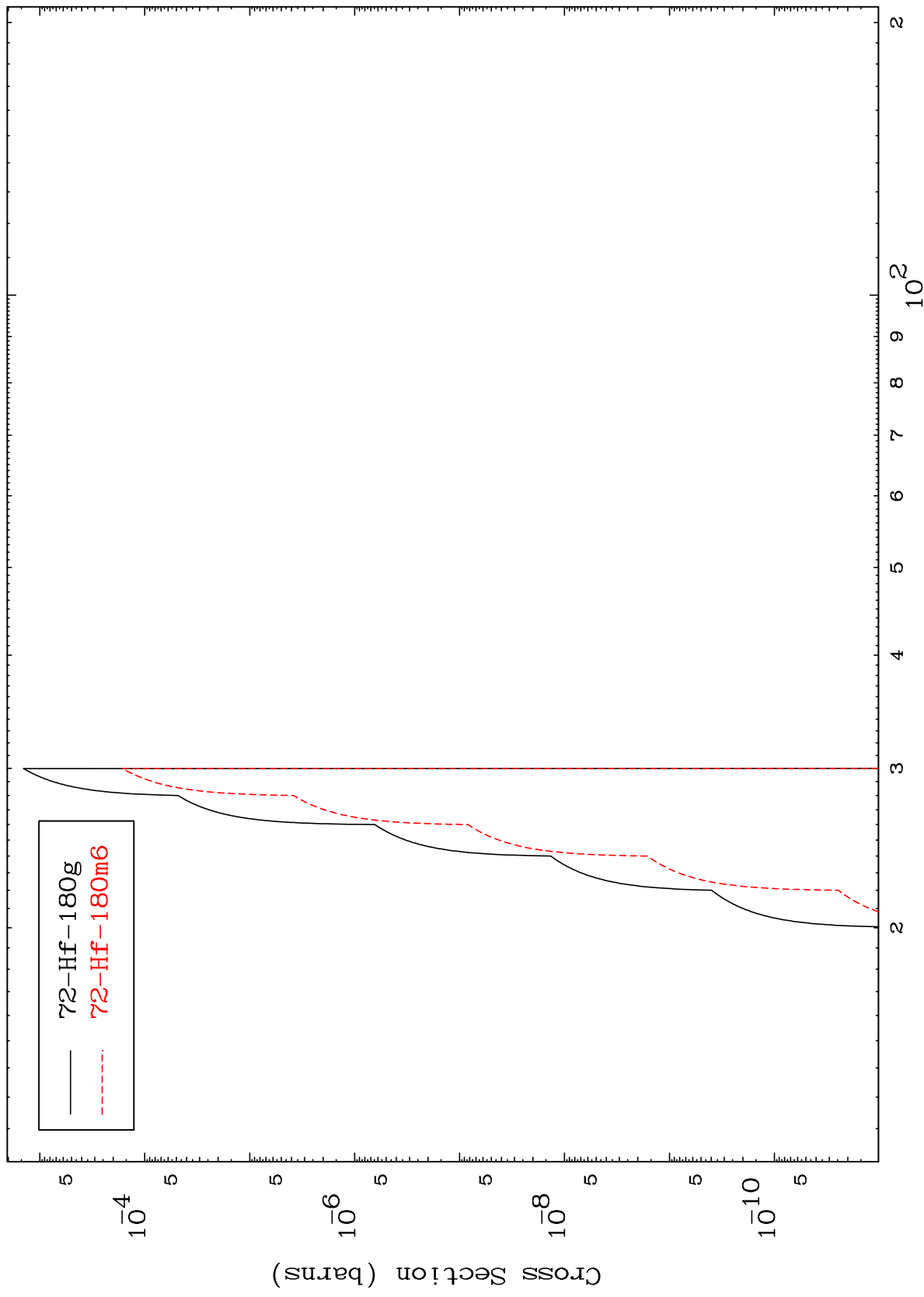
<sup>72</sup>Hf-182m

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72-Hf-182m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-182m

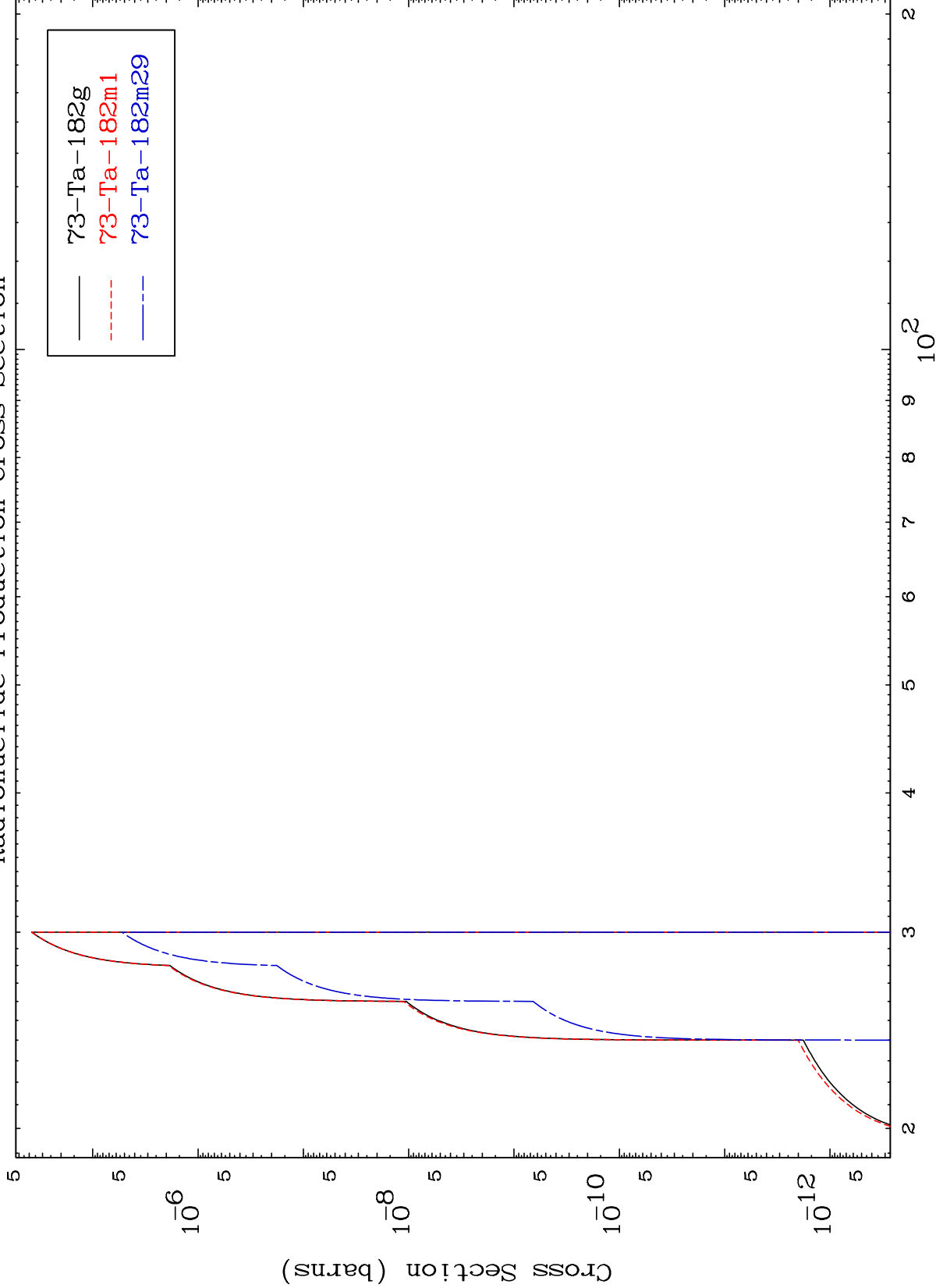
13

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(n,n') t

72-Hf-182m

Radionuclide Production Cross Section



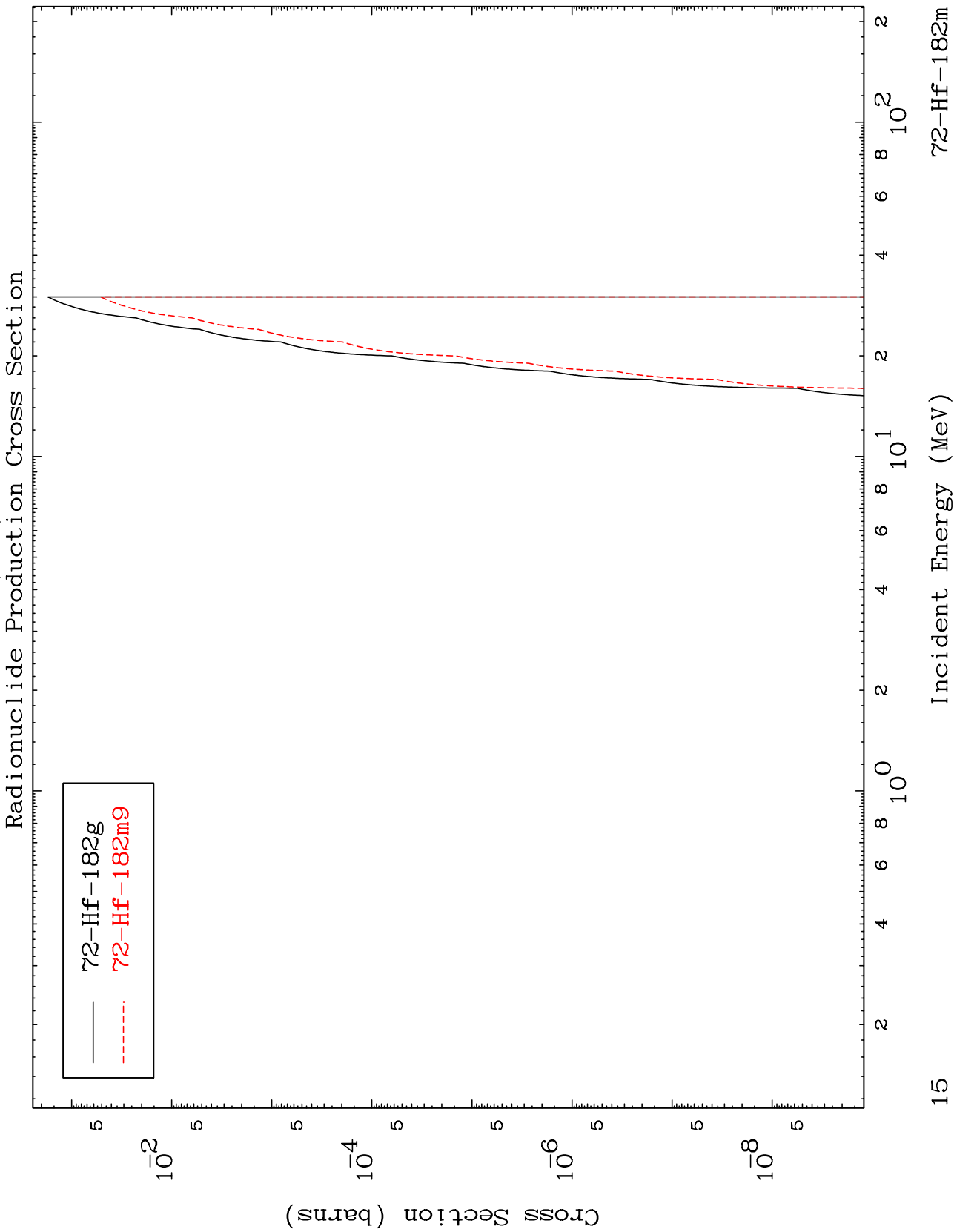
14

Incident Energy (MeV)

72-Hf-182m

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<sup>72</sup>Hf-182m



— 72-Hf-182g  
- - - 72-Hf-182m9