

Program EVALPLOT  
(Version 2021-1)

by

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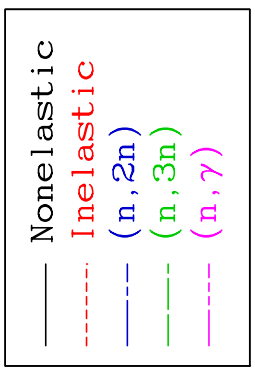
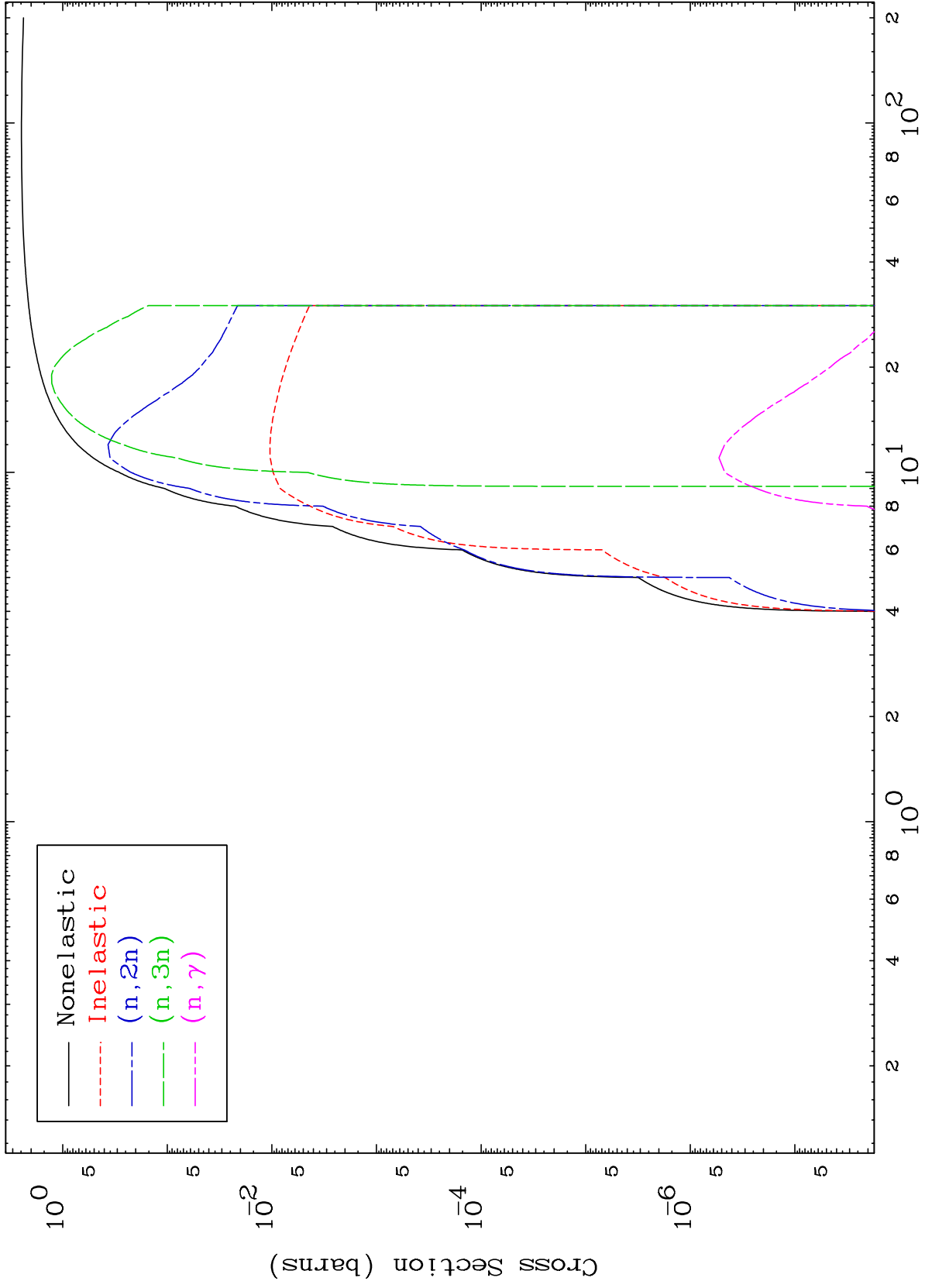
Press Mouse Button to Start

MAT 7244

Triton Major

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

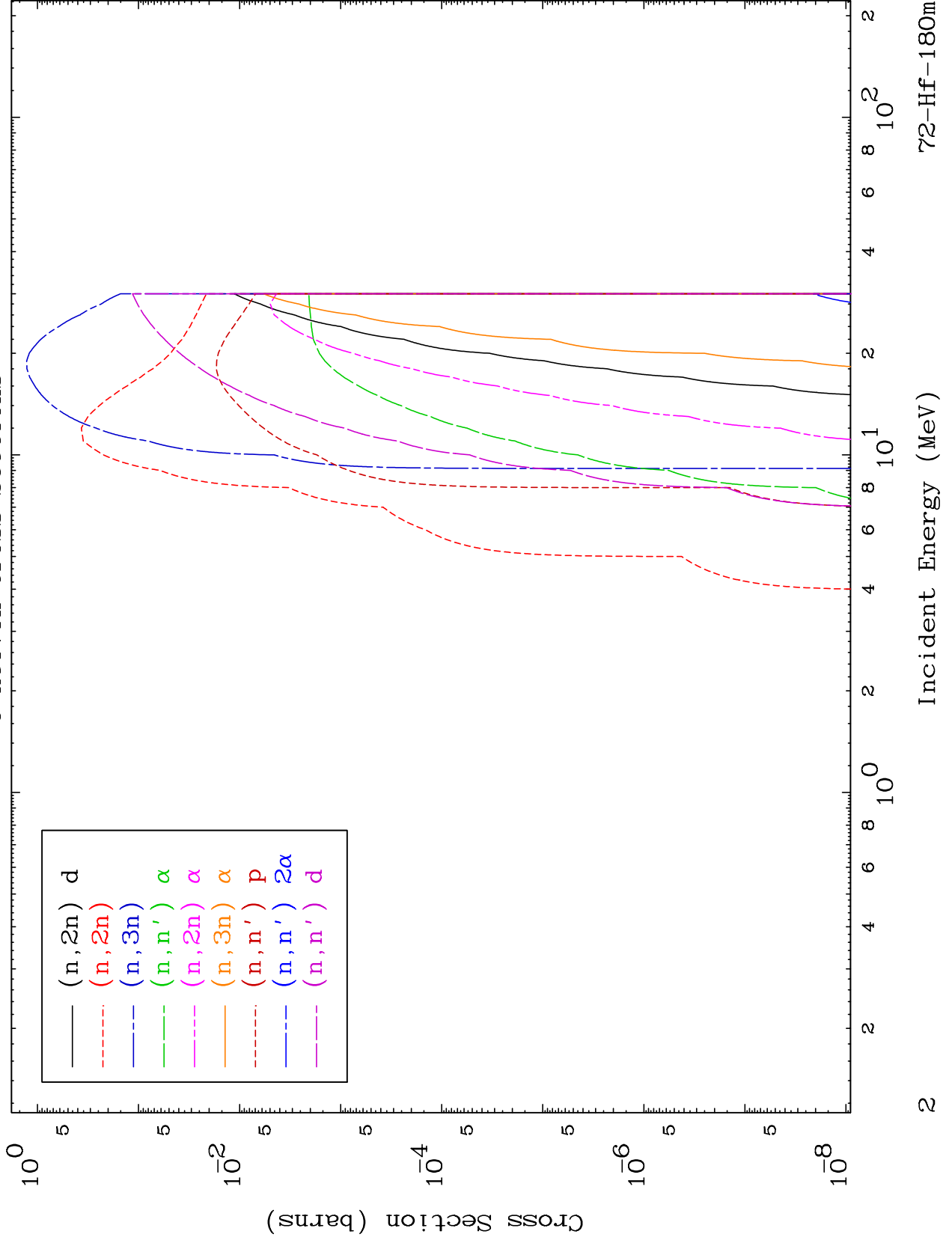
0 Kelvin Cross Sections



MAT 7244

Triton Neutron Absorption  
0 Kelvin Cross Sections

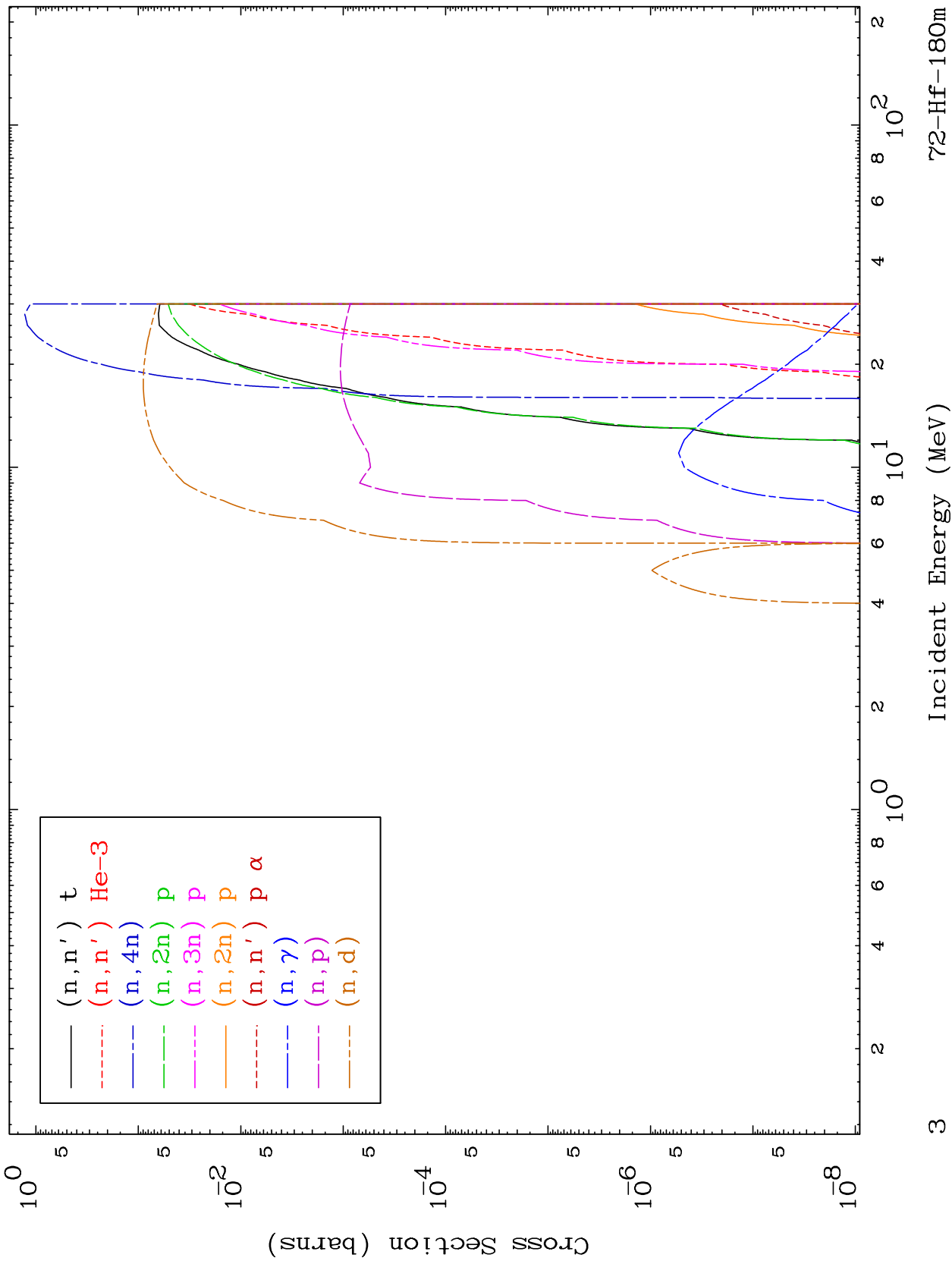
<sup>72</sup>Hf-180m



MAT 7244

Triton Neutron Absorption  
0 Kelvin Cross Sections

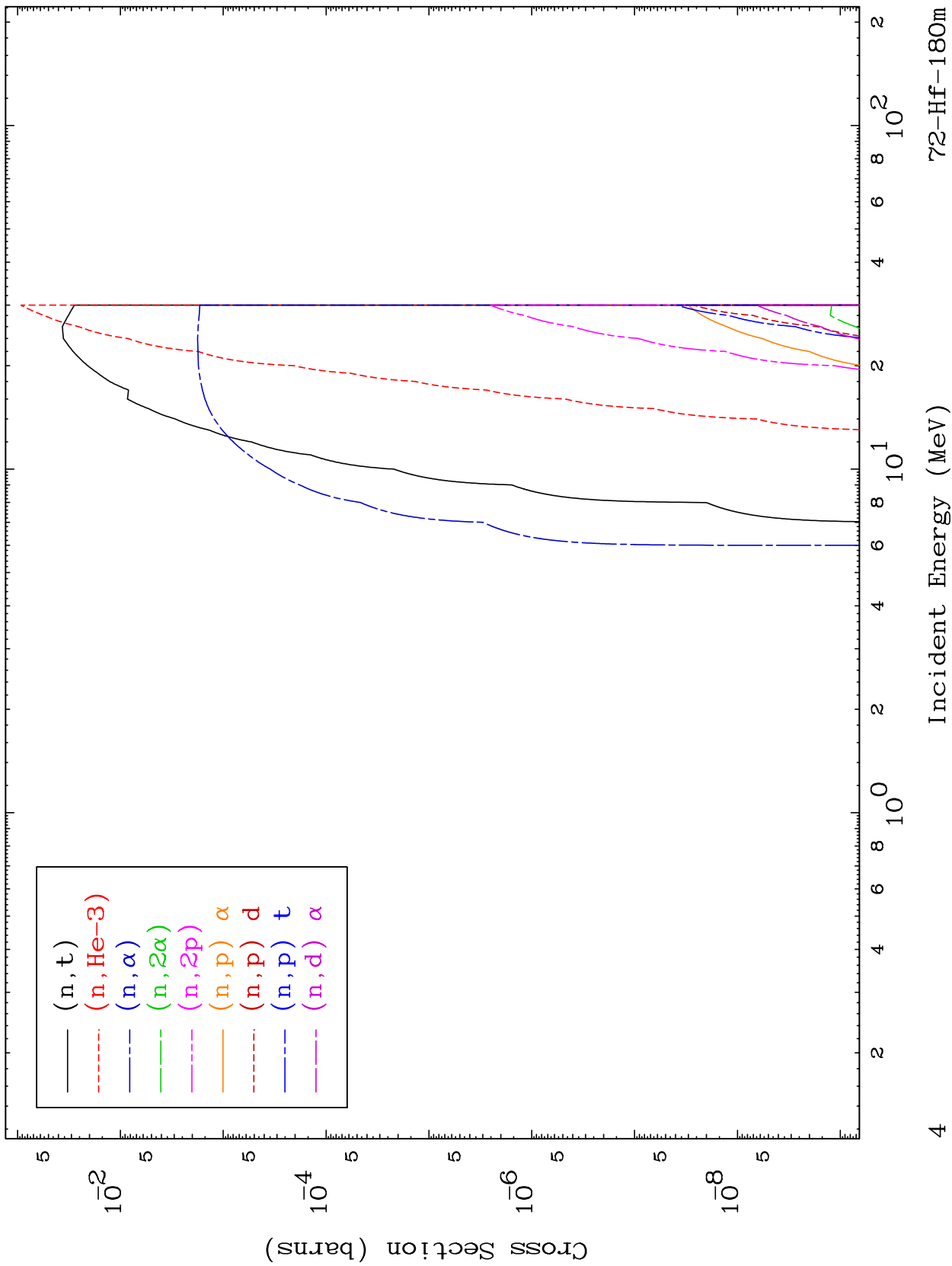
<sup>72</sup>Hf-180m



MAT 7244

Triton Neutron Absorption  
0 Kelvin Cross Sections

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

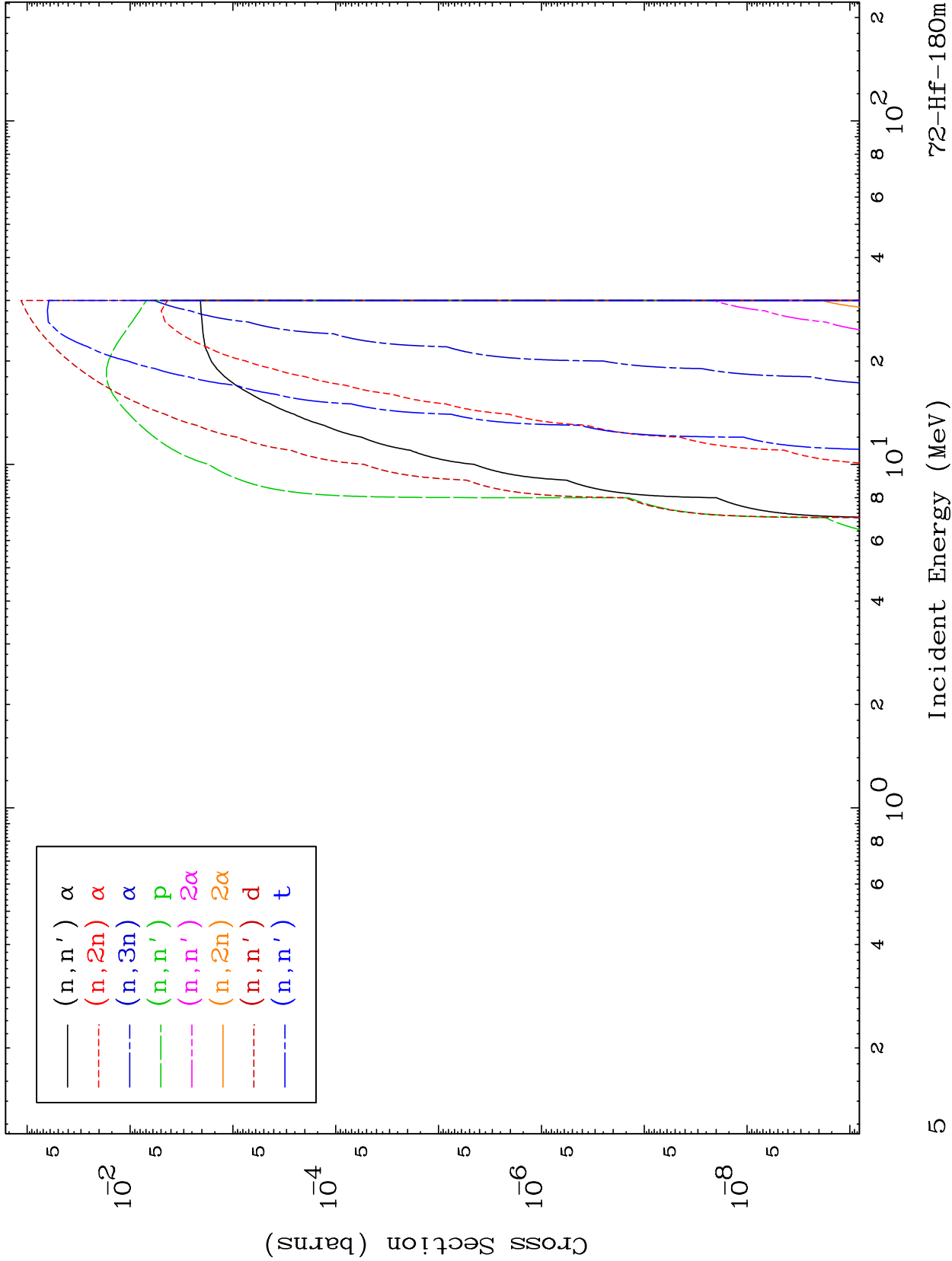


<sup>72</sup>Hf-180m

MAT 7244

Triton Charged Particle  
0 Kelvin Cross Sections

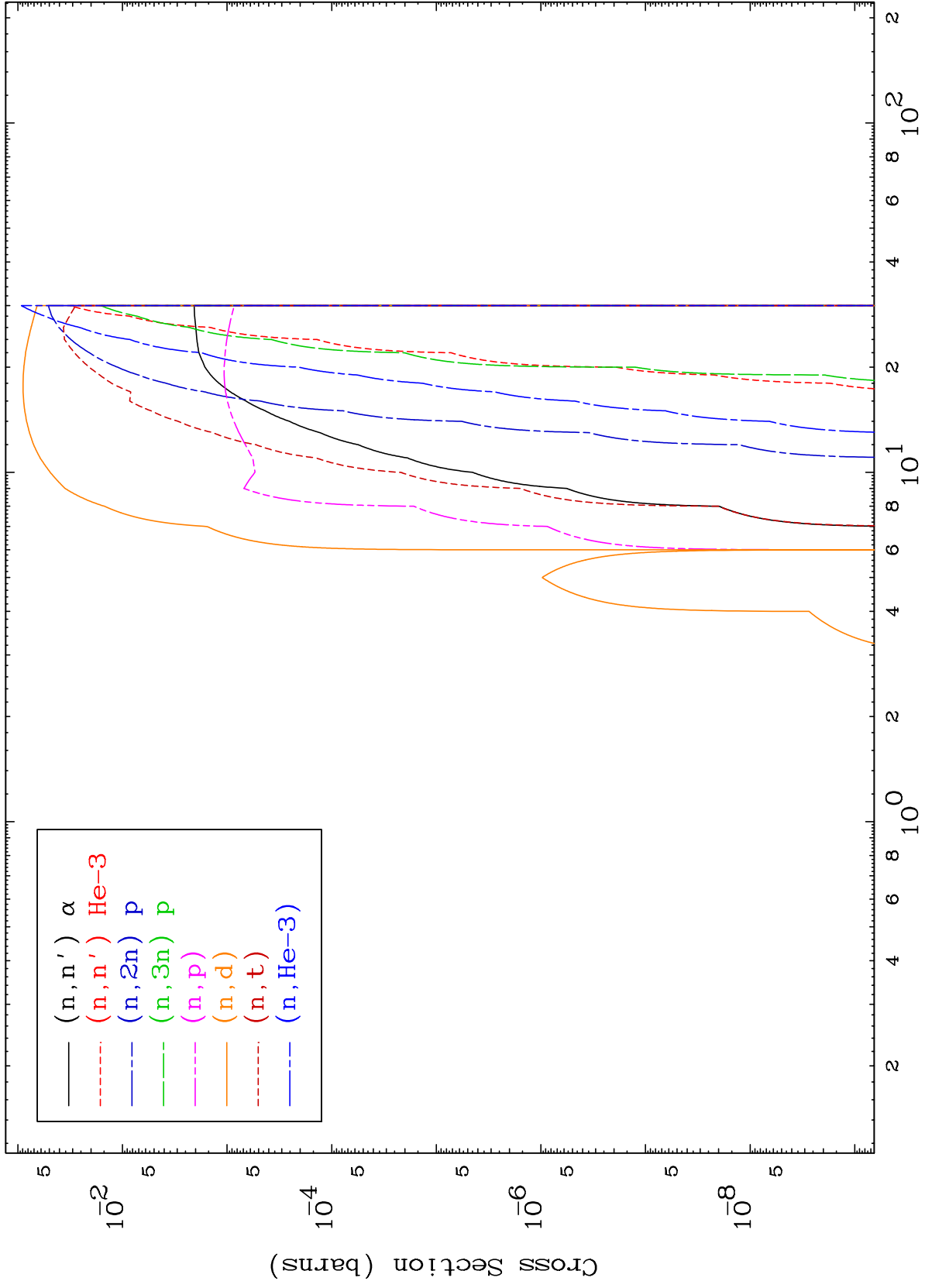
72-Hf-180m



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Triton Charged Particle  
0 Kelvin Cross Sections

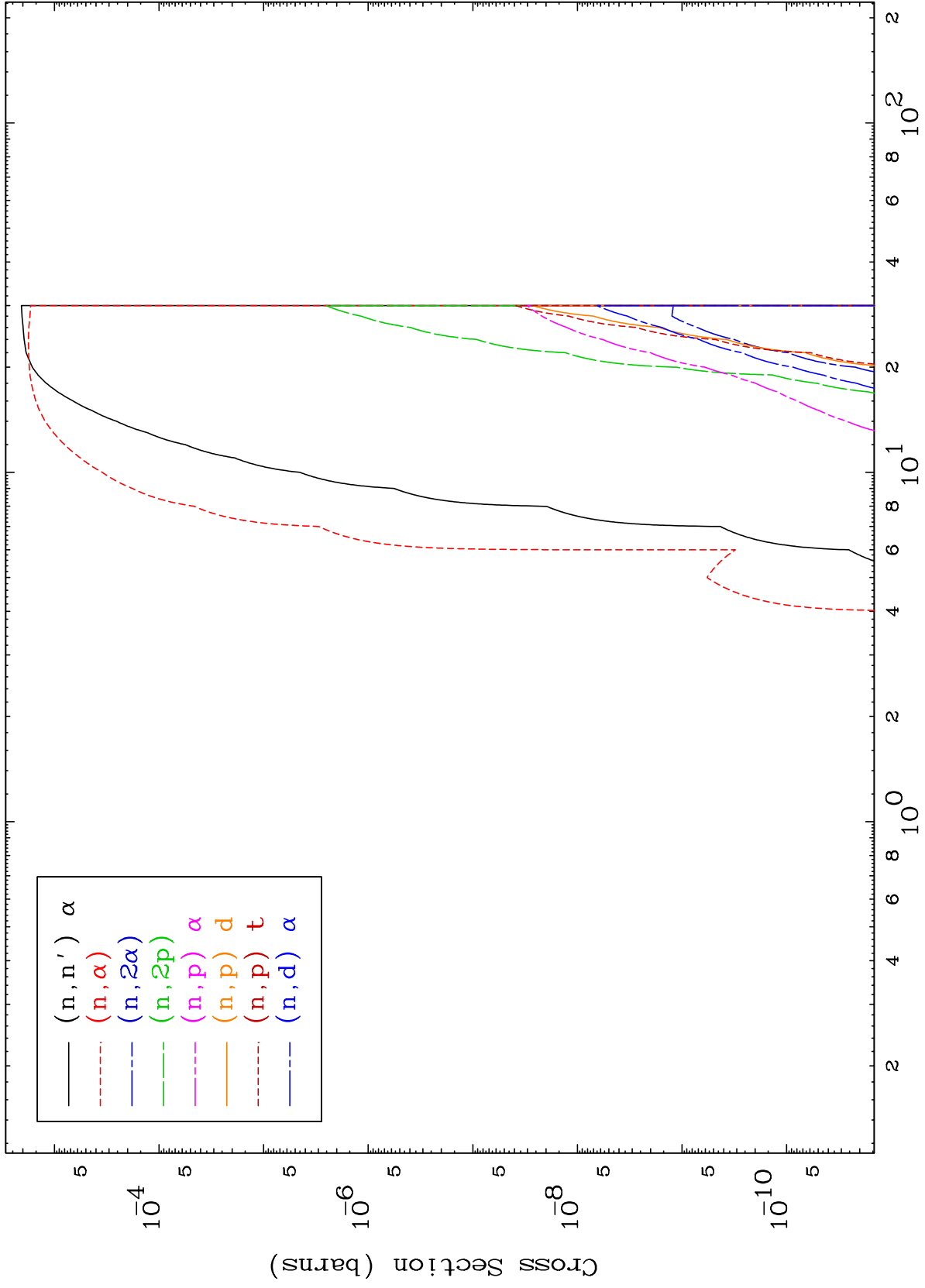
72-Hf-180m



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Triton Charged Particle  
0 Kelvin Cross Sections

72-Hf-180m



72-Hf-180m

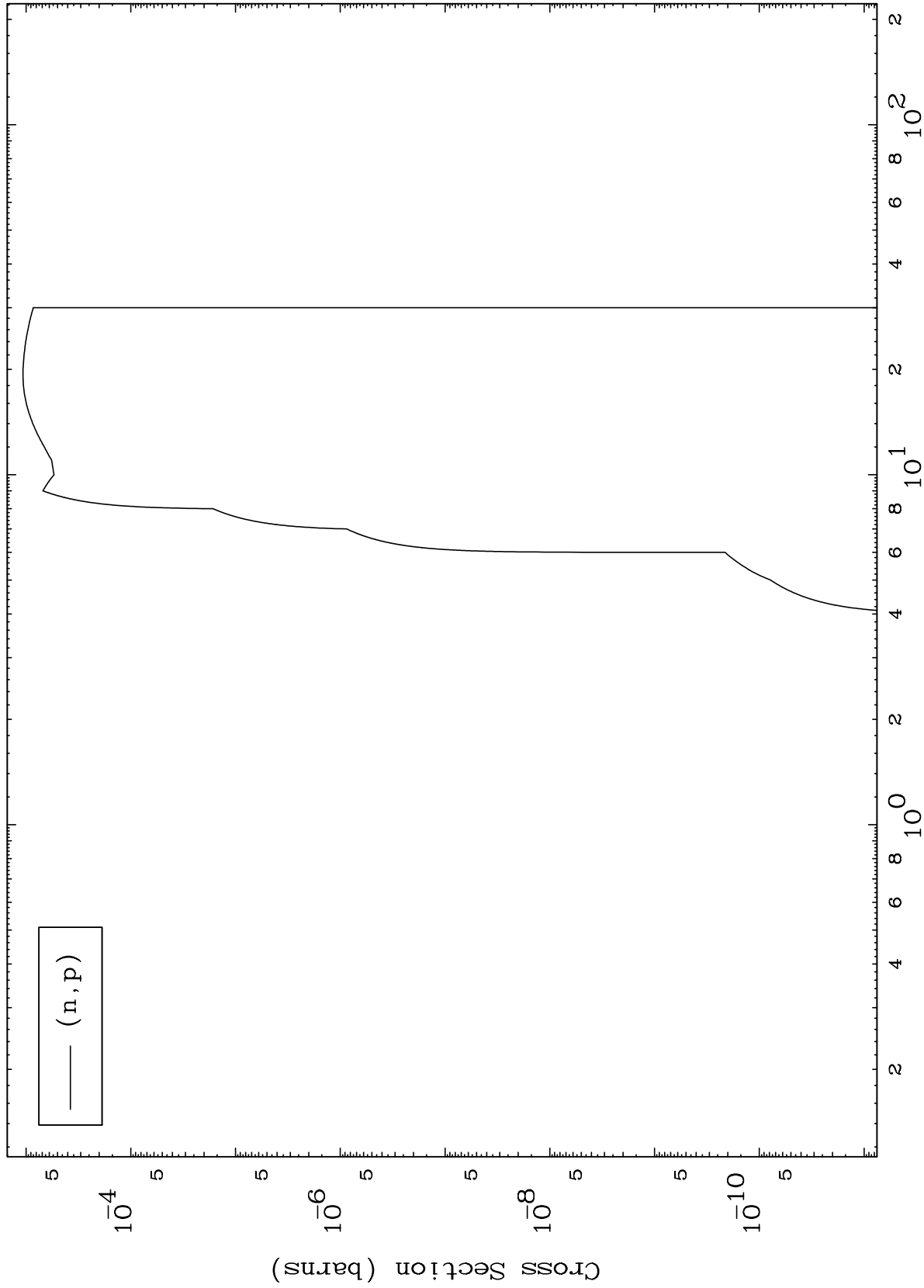
Incident Energy (MeV)

MAT 7244

(t,p) Levels

72-Hf-180m

0 Kelvin Cross Sections

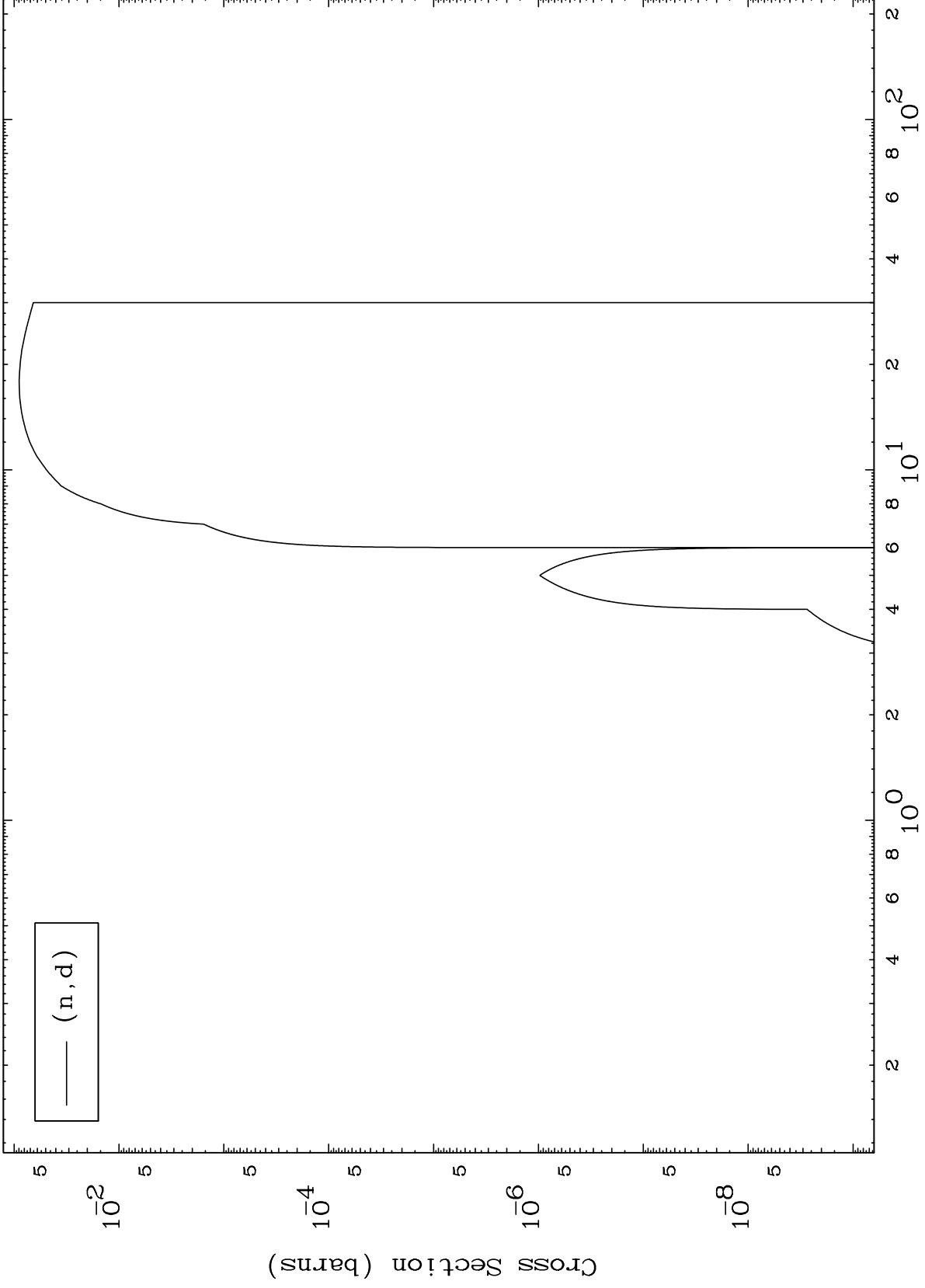


MAT 7244

(t, d) Levels

72-Hf-180m

0 Kelvin Cross Sections

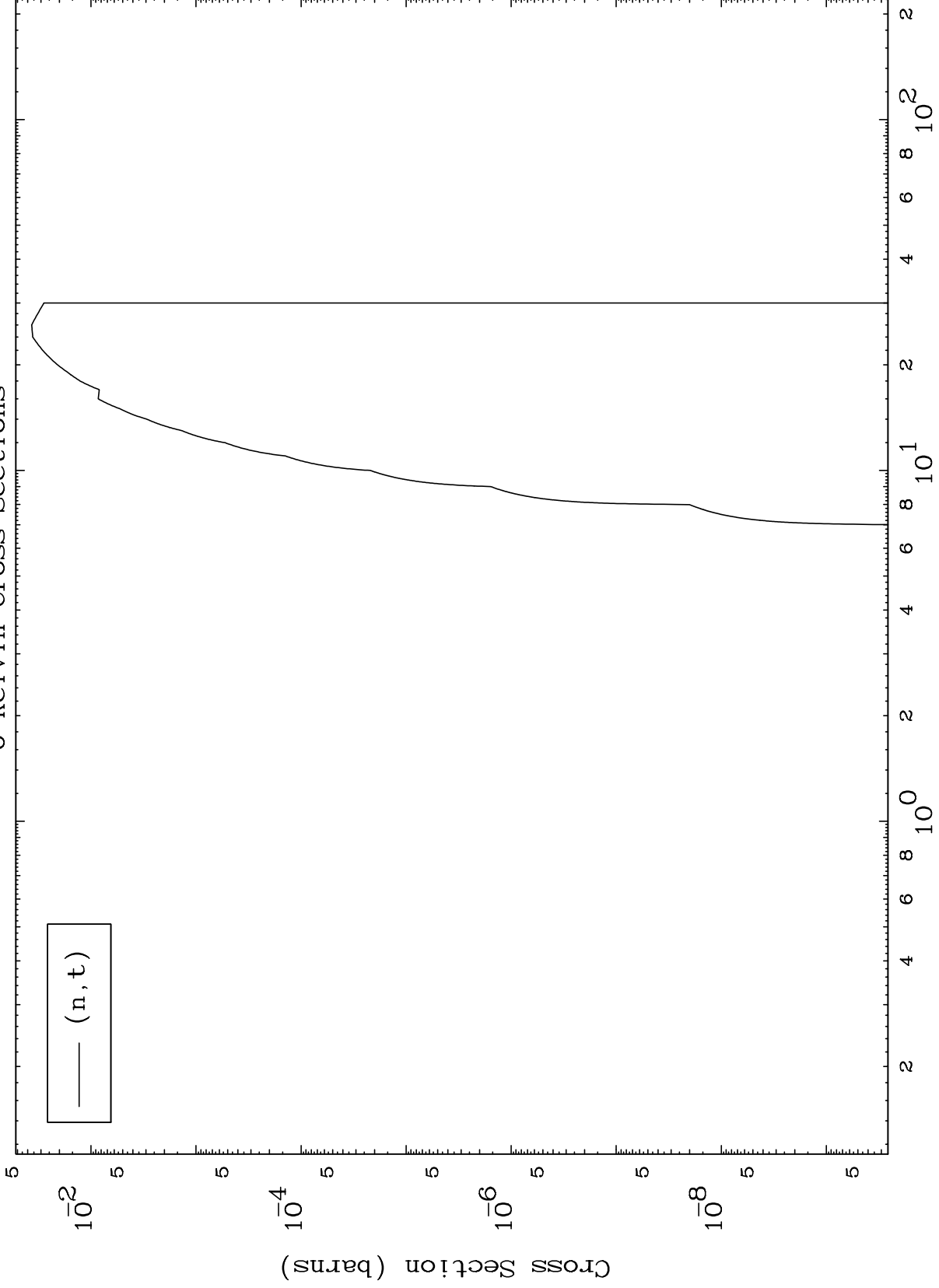


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(t, t) Levels

72-Hf-180m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

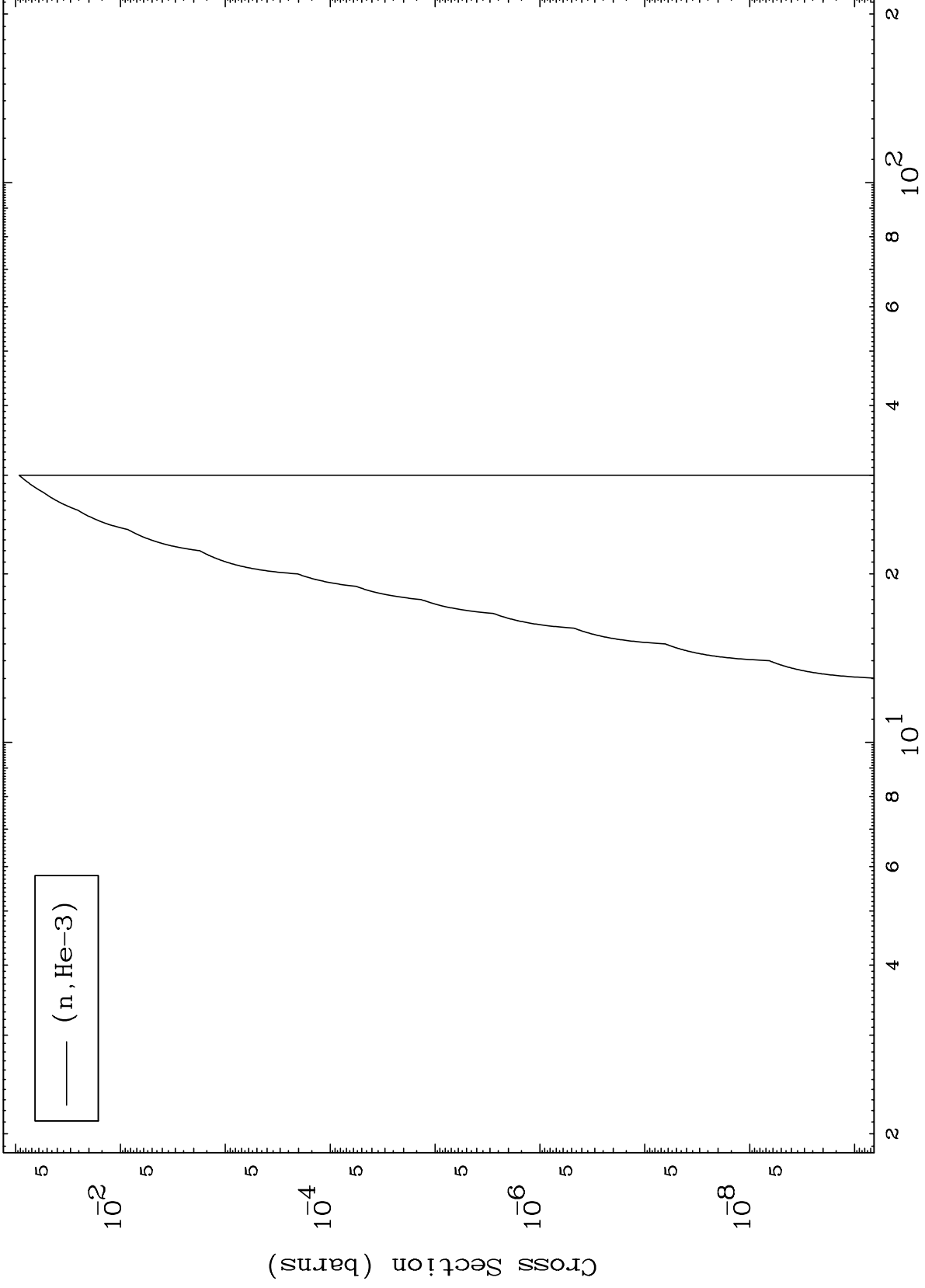
72-Hf-180m

MAT 7244

(t,He3) Levels

72-Hf-180m

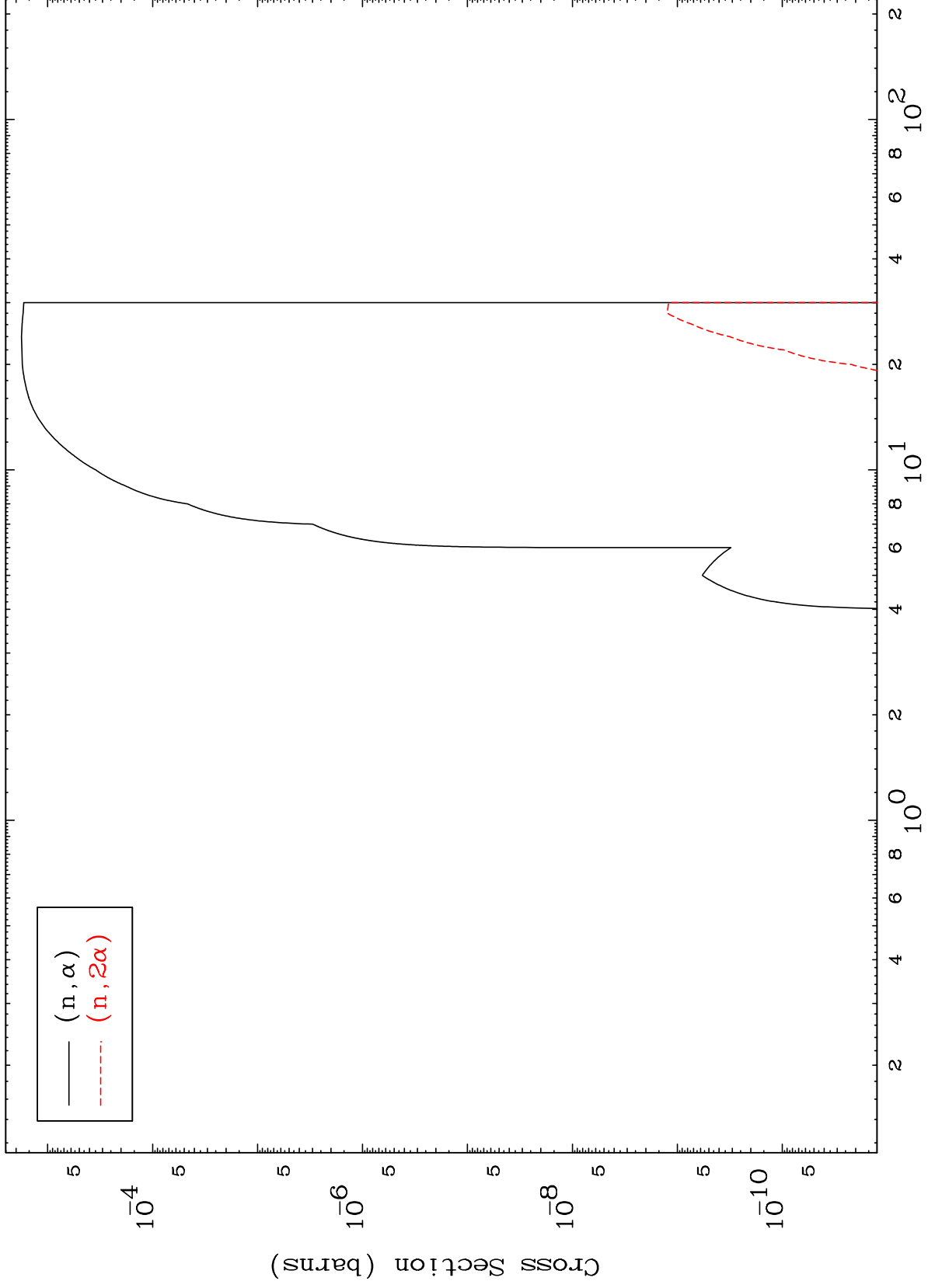
0 Kelvin Cross Sections



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

72-Hf-180m



12

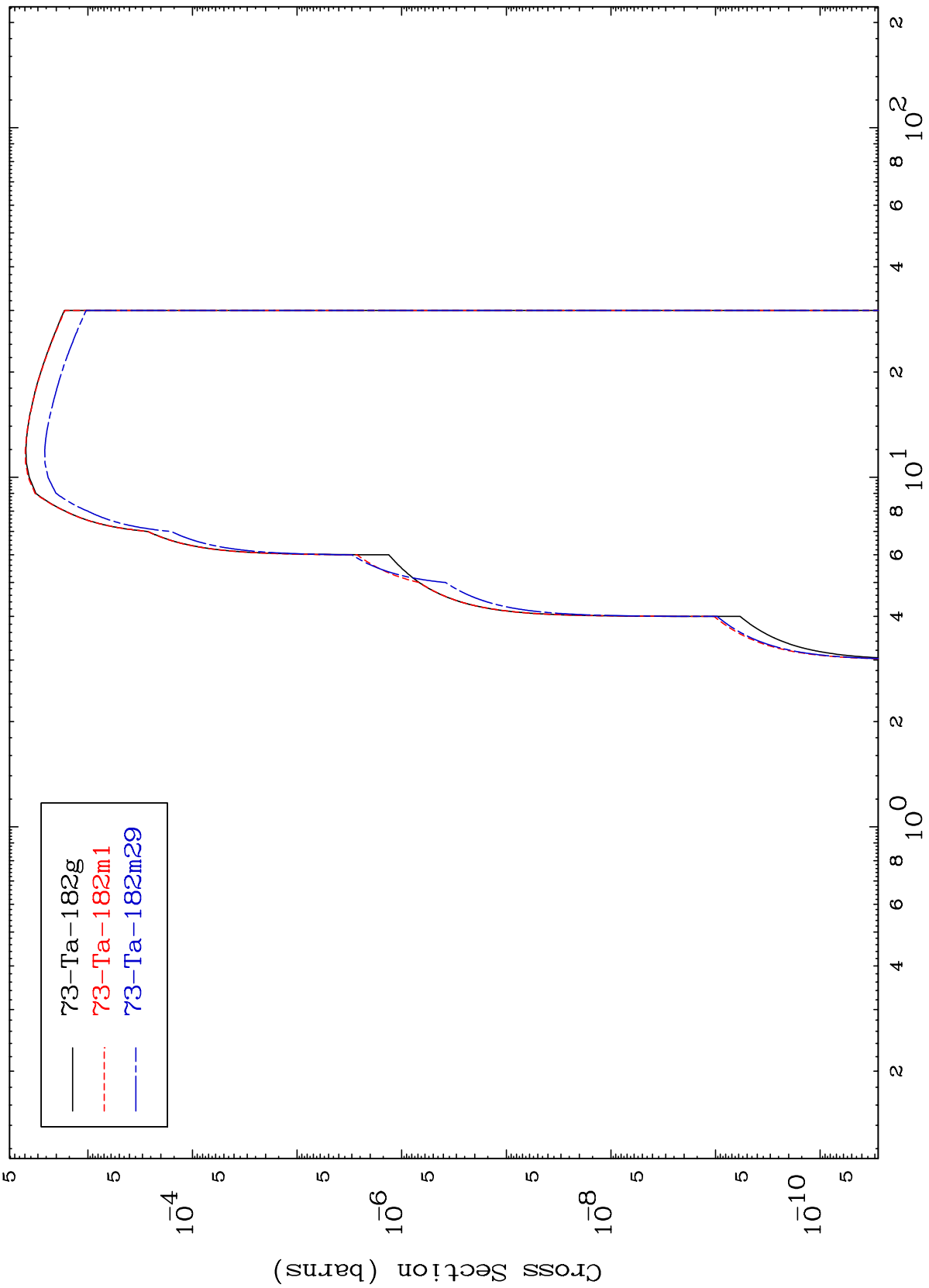
Incident Energy (MeV)

72-Hf-180m

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72-Hf-180m

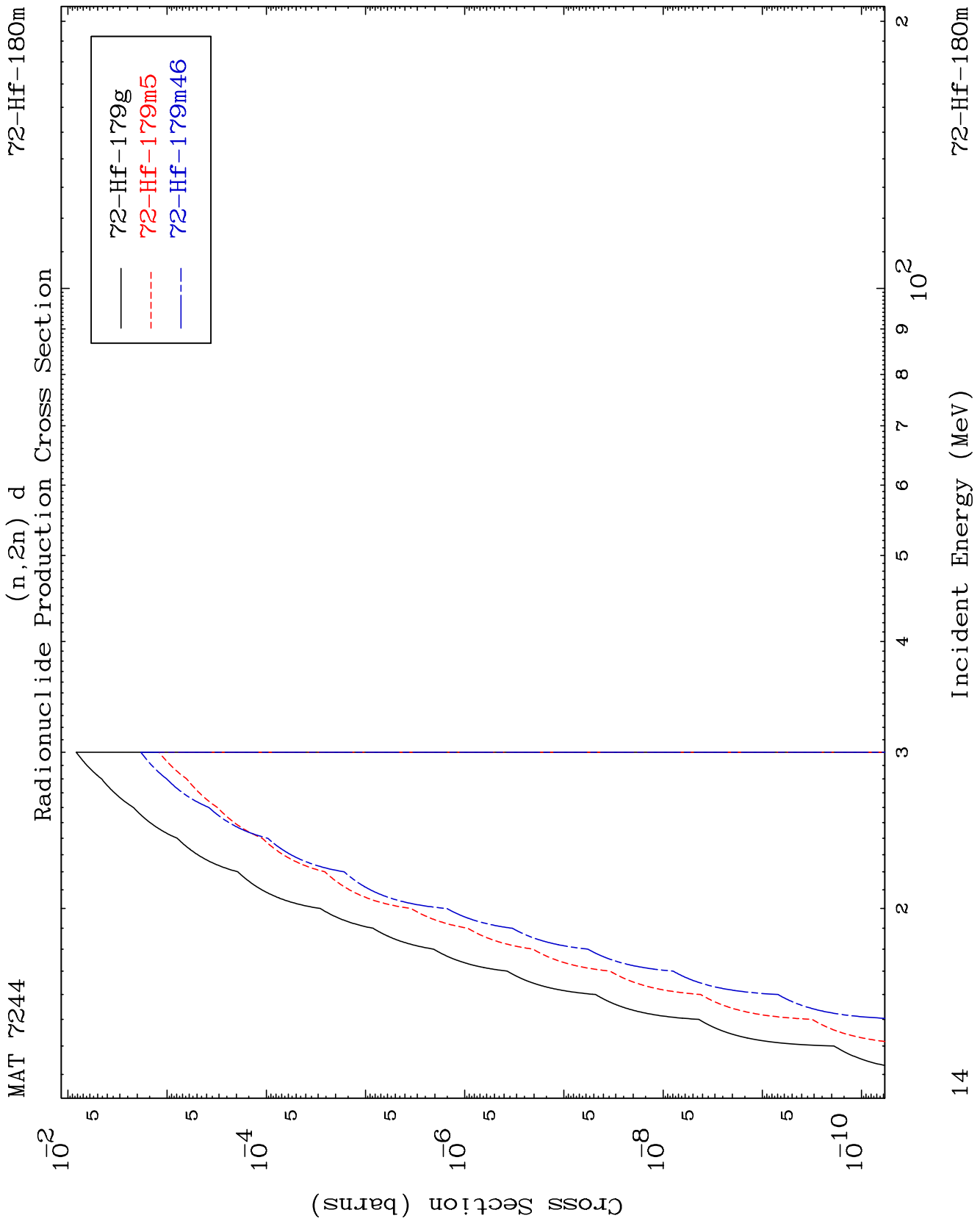
Inelastic  
Radionuclide Production Cross Section



72-Hf-180m

Incident Energy (MeV)

13

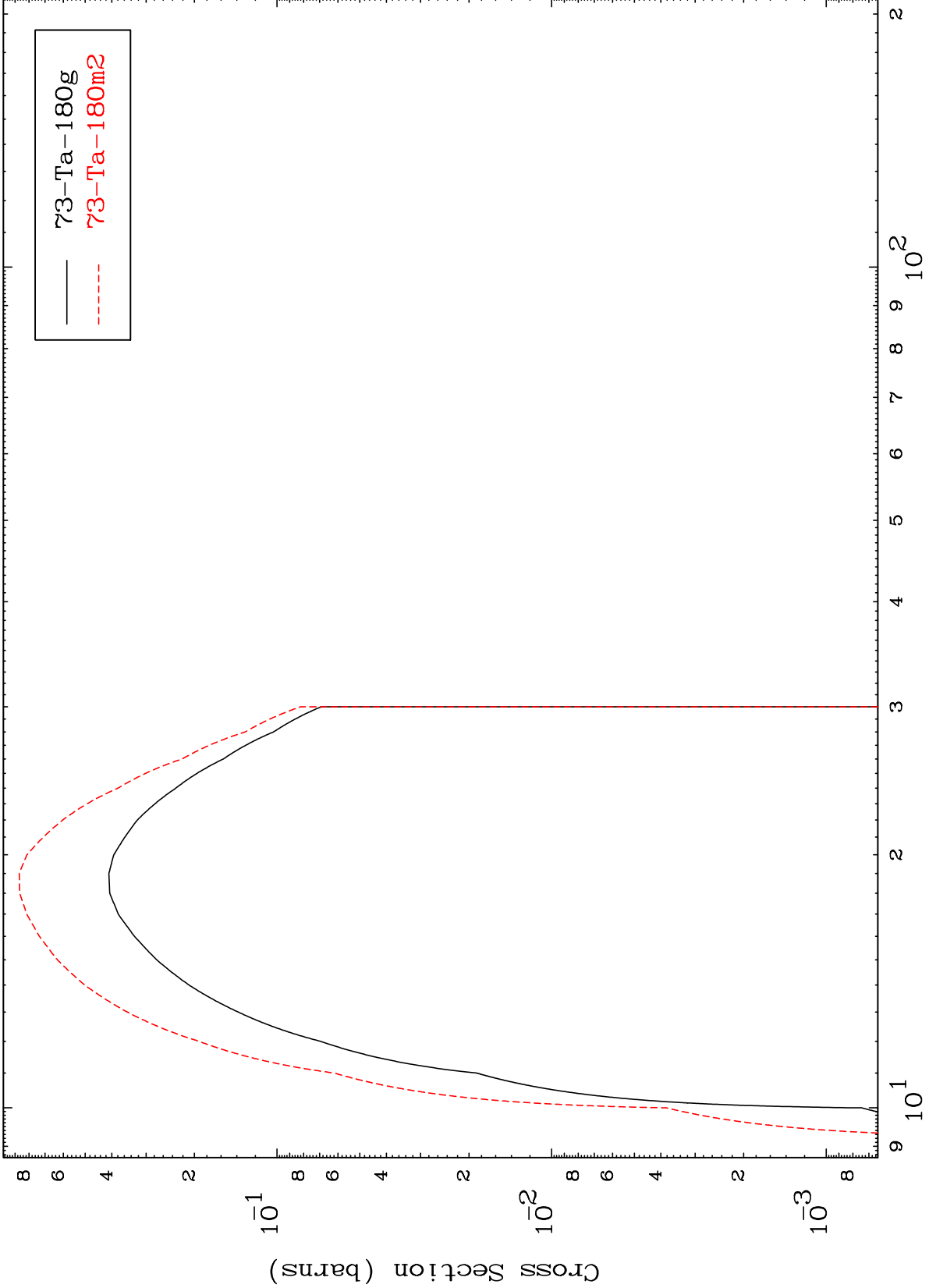


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(n,3n)

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

Radionuclide Production Cross Section



Incident Energy (MeV)

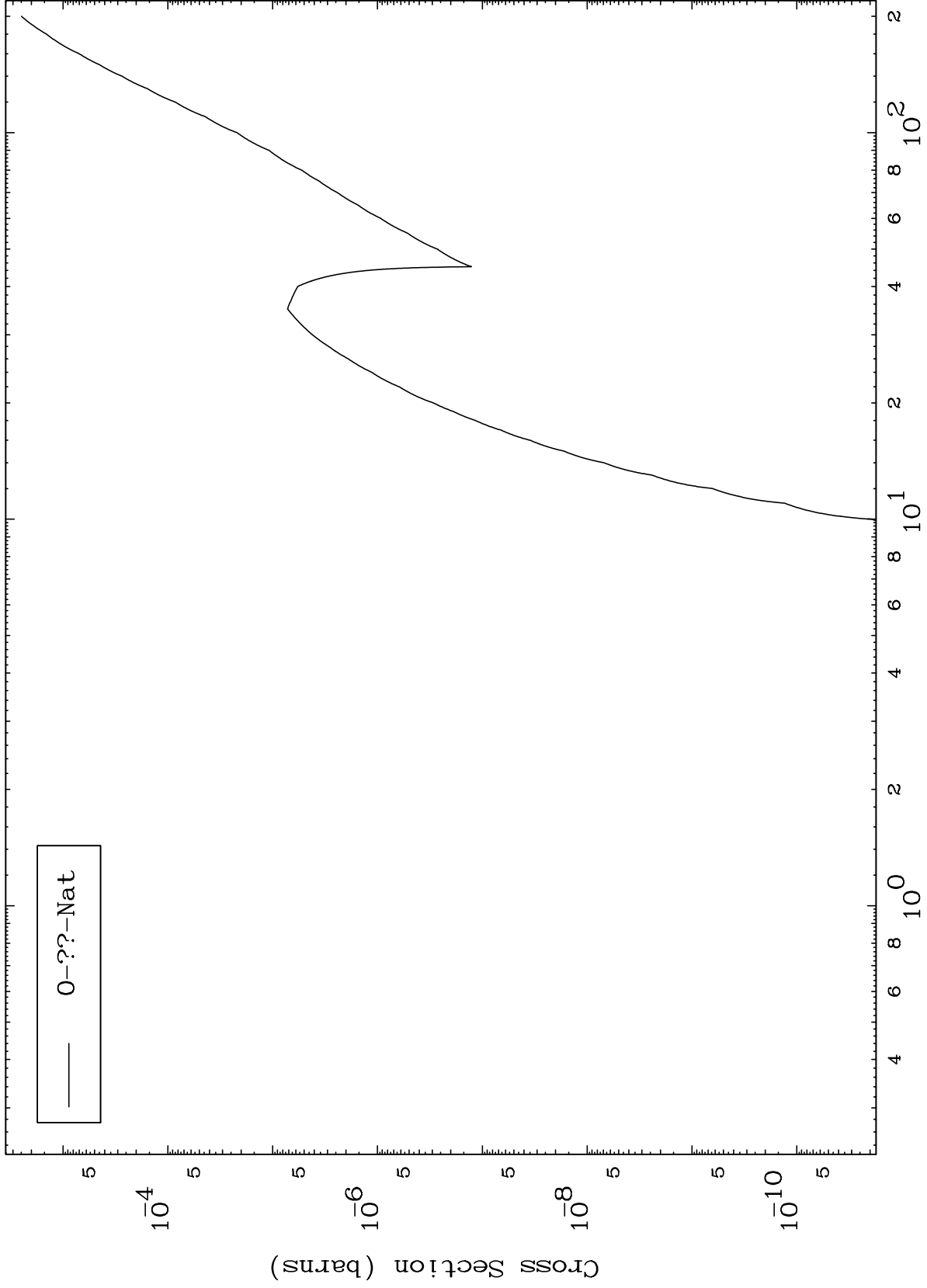
<sup>72</sup>Hf-180m

MAT 7244

Fission

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

Radionuclide Production Cross Section

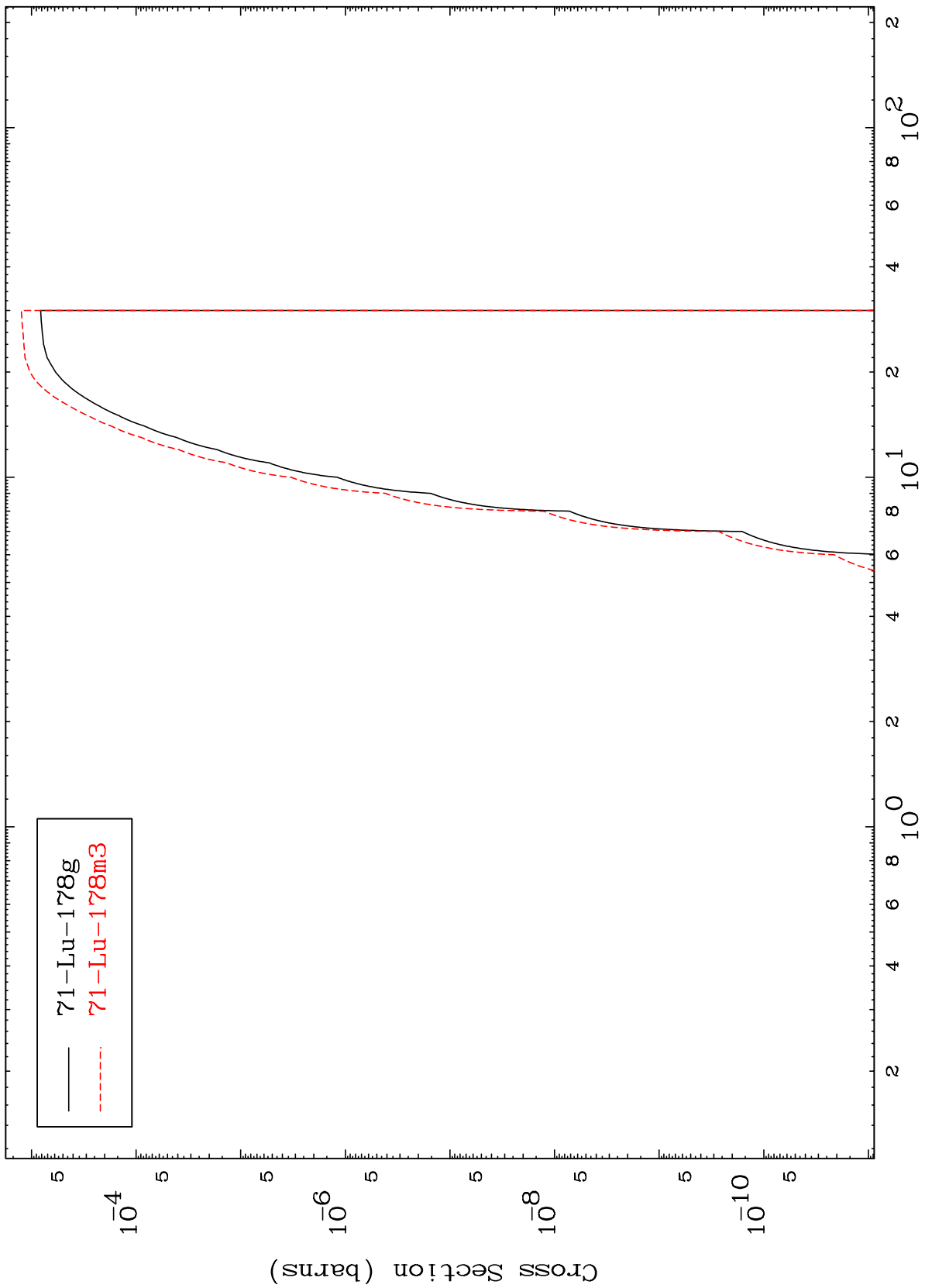


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$(n, n') \alpha$

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

Radionuclide Production Cross Section

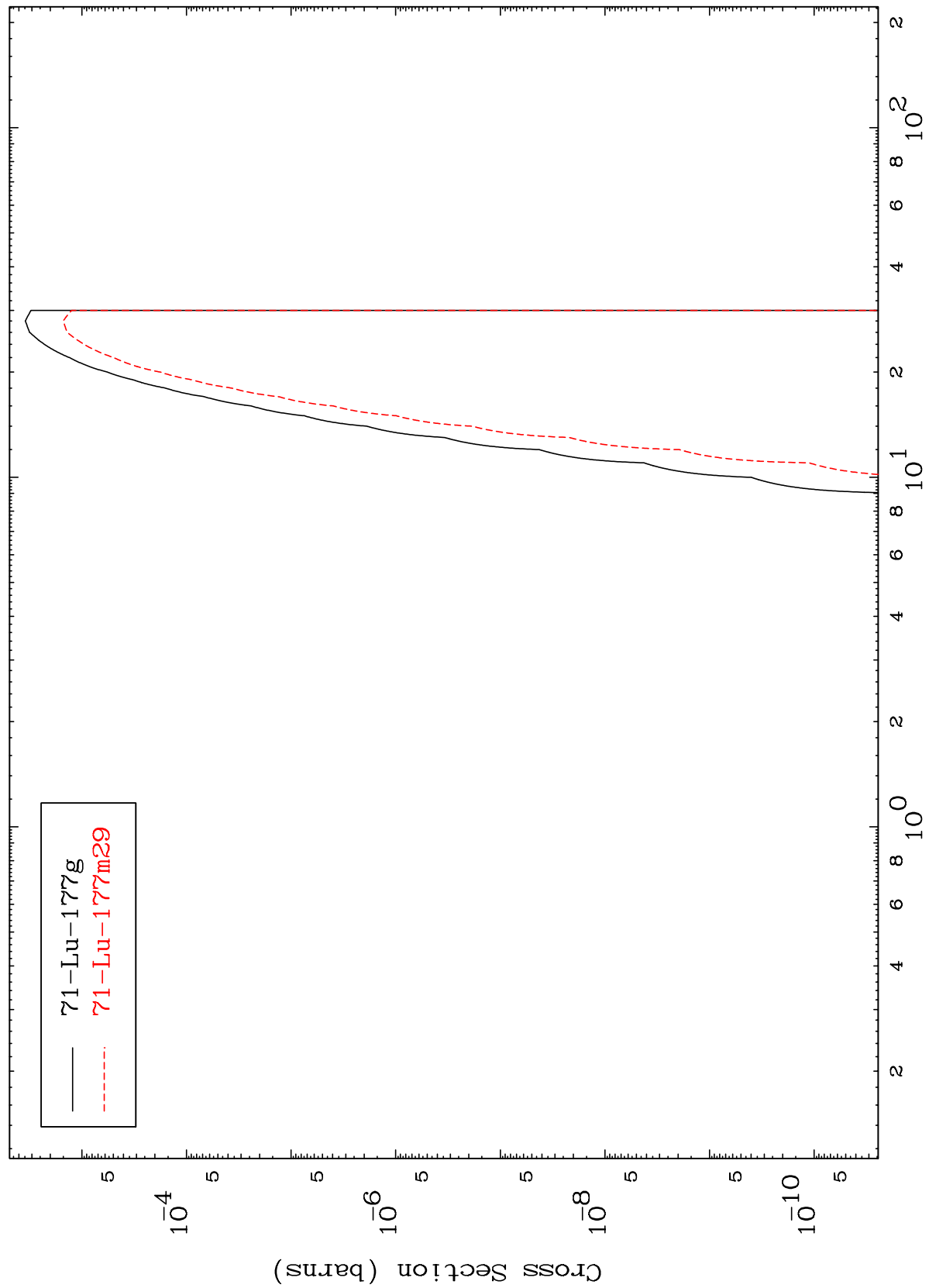


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(n,2n)  $\alpha$

72-Hf-180m

Radionuclide Production Cross Section

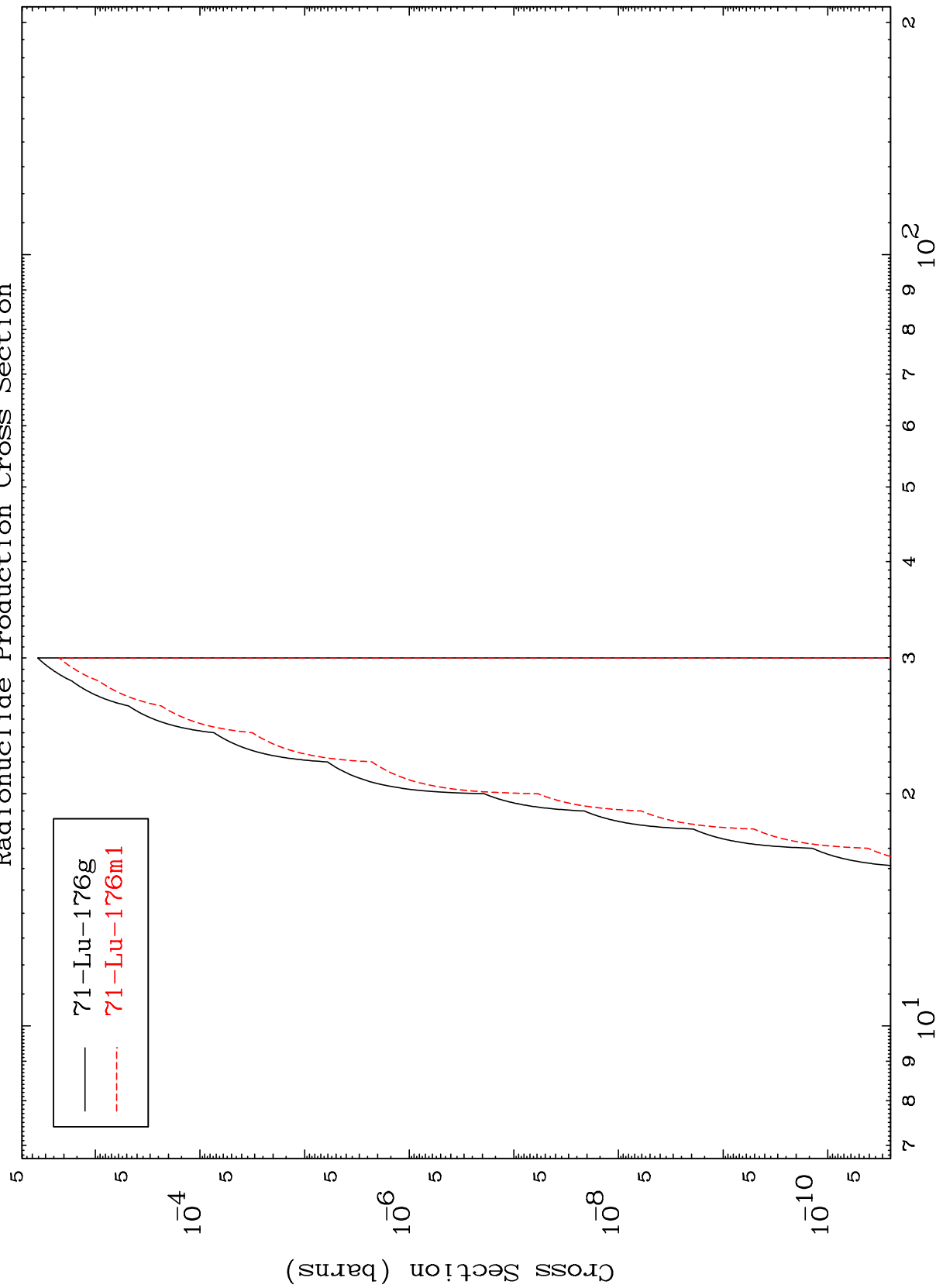


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(n,3n)  $\alpha$

72-Hf-180m

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

19

Incident Energy (MeV)

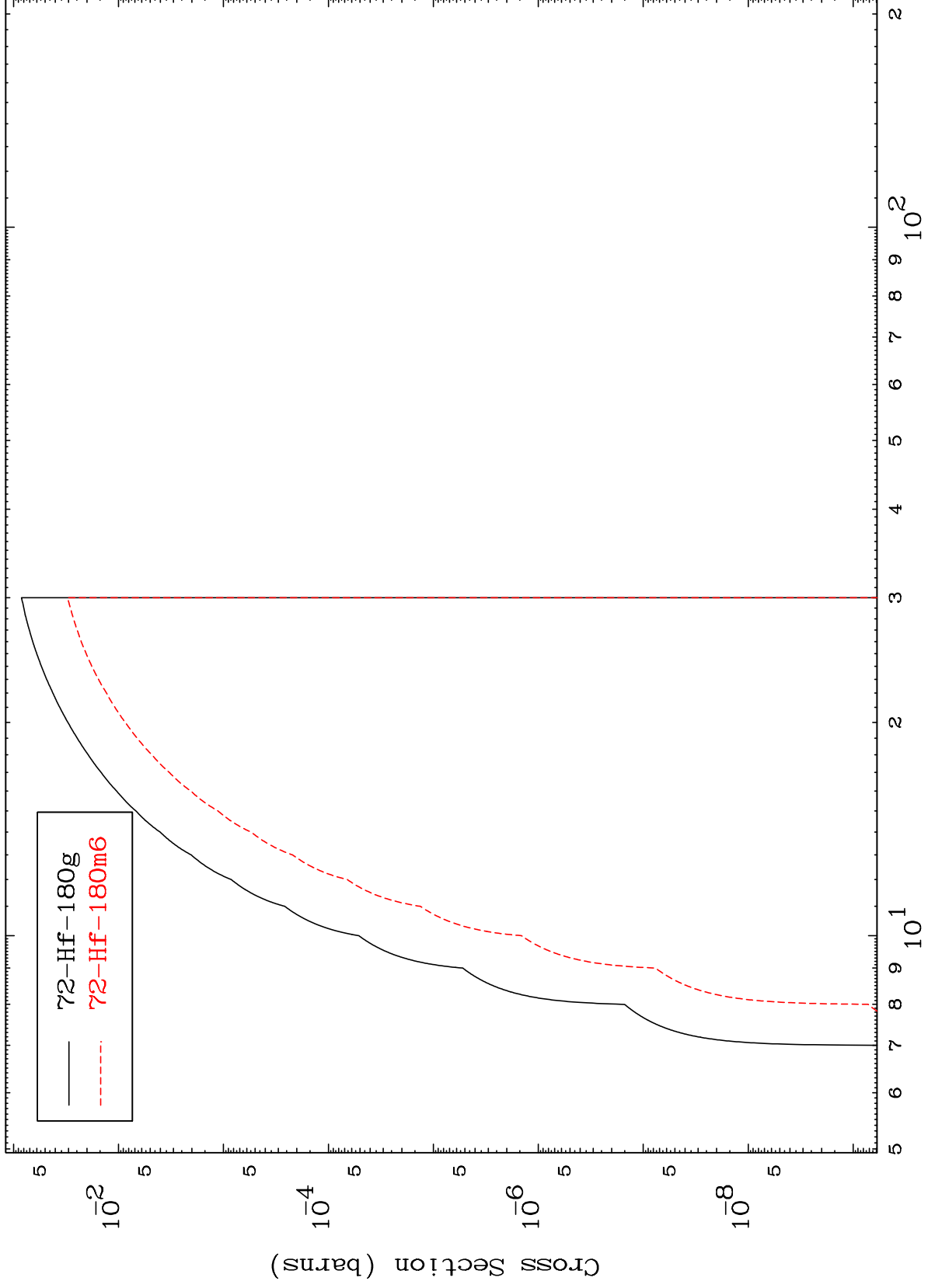
72-Hf-180m

MAT 7244

(n,n') d

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

Radionuclide Production Cross Section



20

Incident Energy (MeV)

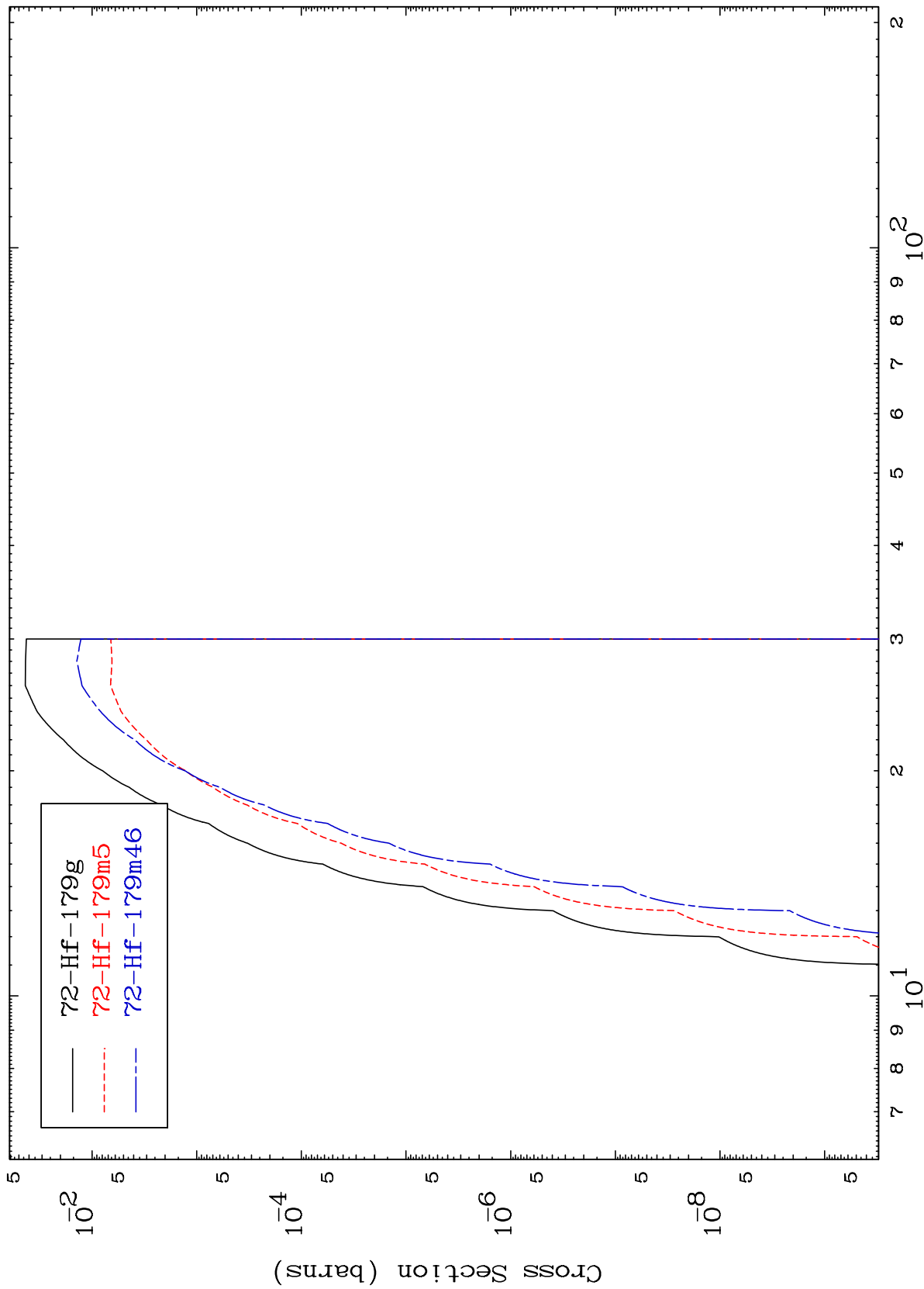
<sup>72</sup>Hf-180m

MAT 7244

(n,n') t

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

Radionuclide Production Cross Section

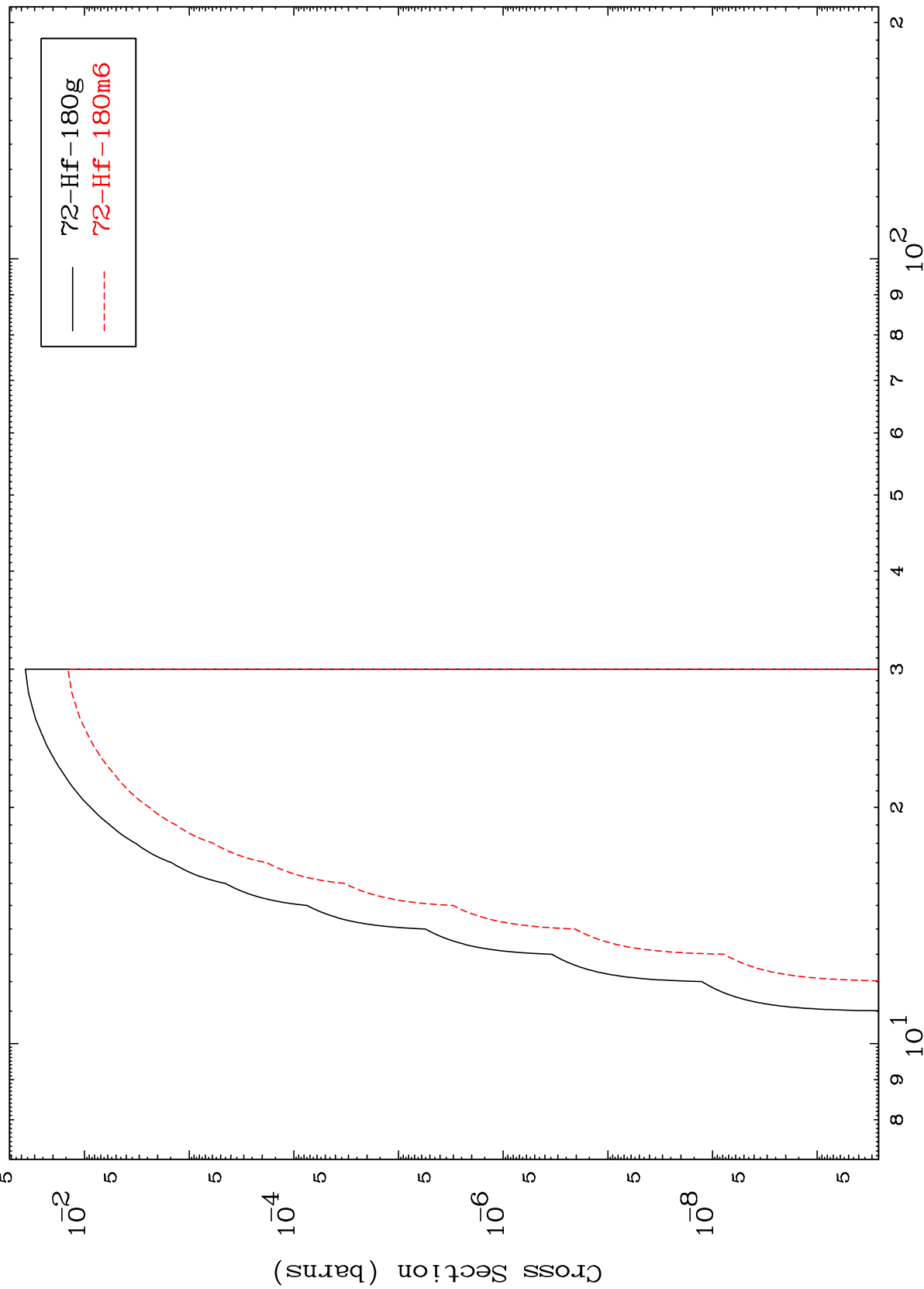


MAT 7244

(n,2n) p

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

Radionuclide Production Cross Section



22

Incident Energy (MeV)

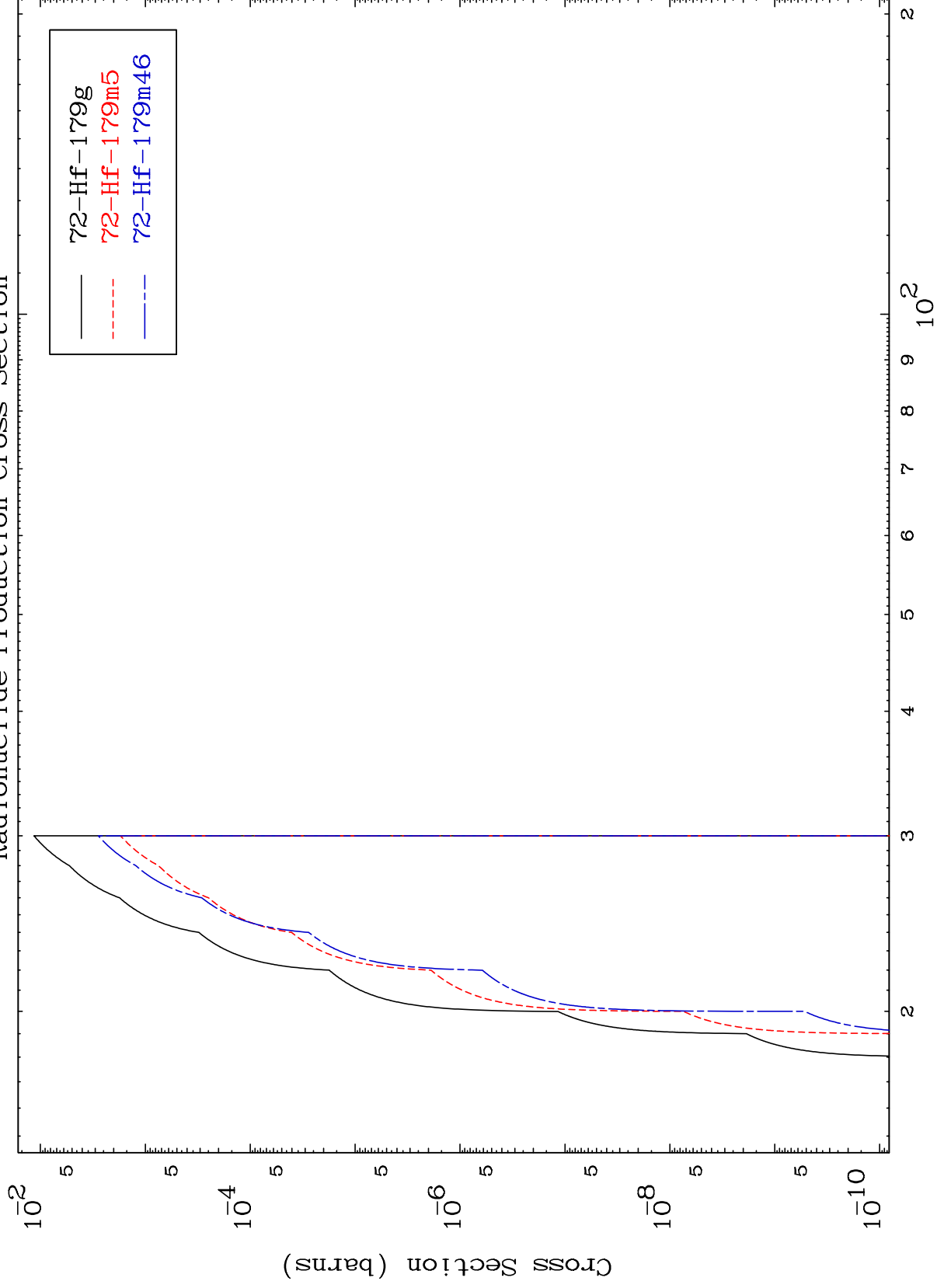
<sup>72</sup>Hf-180m

MAT 7244

(n,3n) p

72-Hf-180m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

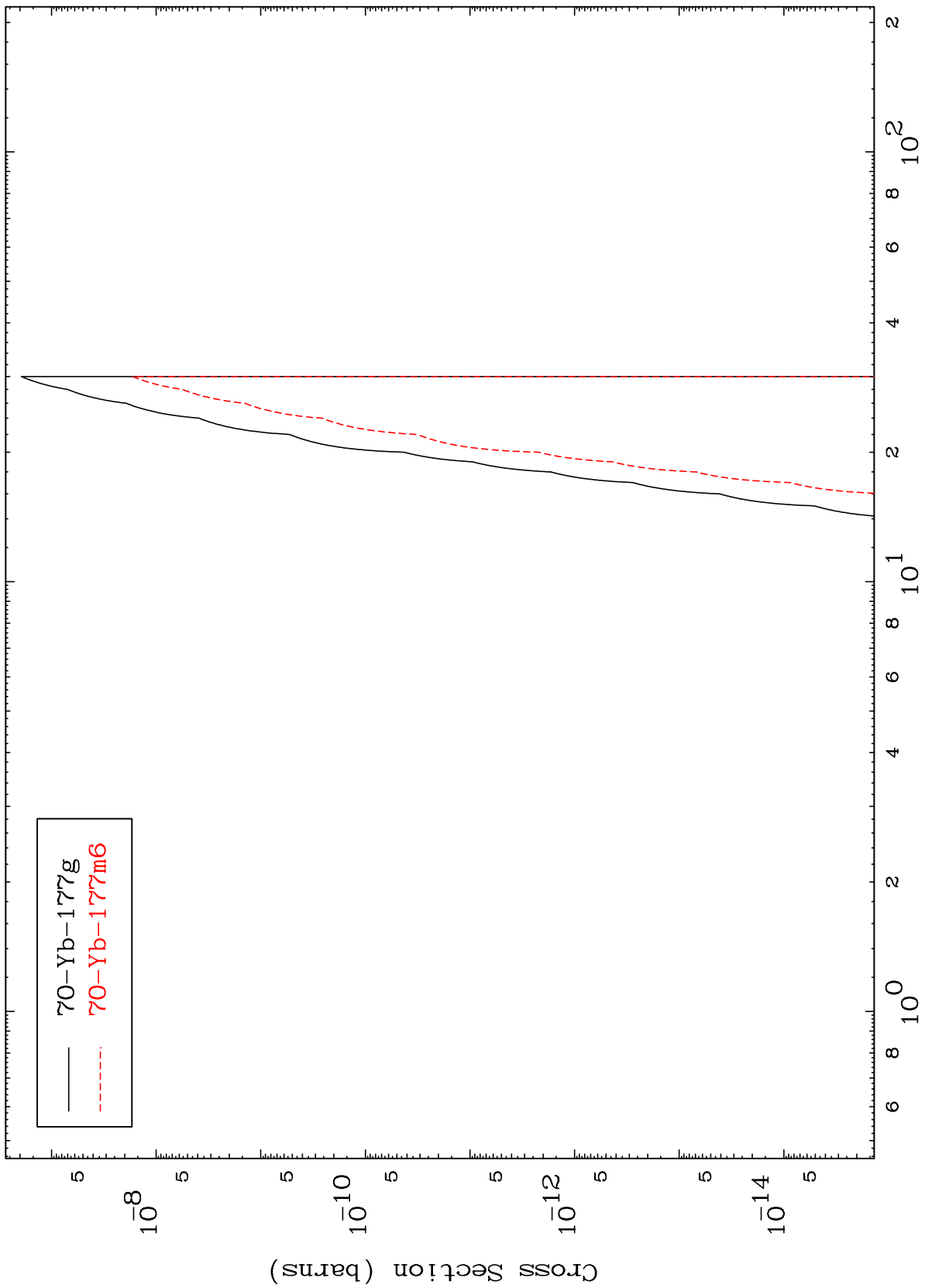
72-Hf-180m

MAT 7244

(n,n') p  $\alpha$

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

Radionuclide Production Cross Section



— <sup>70</sup>Yb-177g  
- - - <sup>70</sup>Yb-177m6

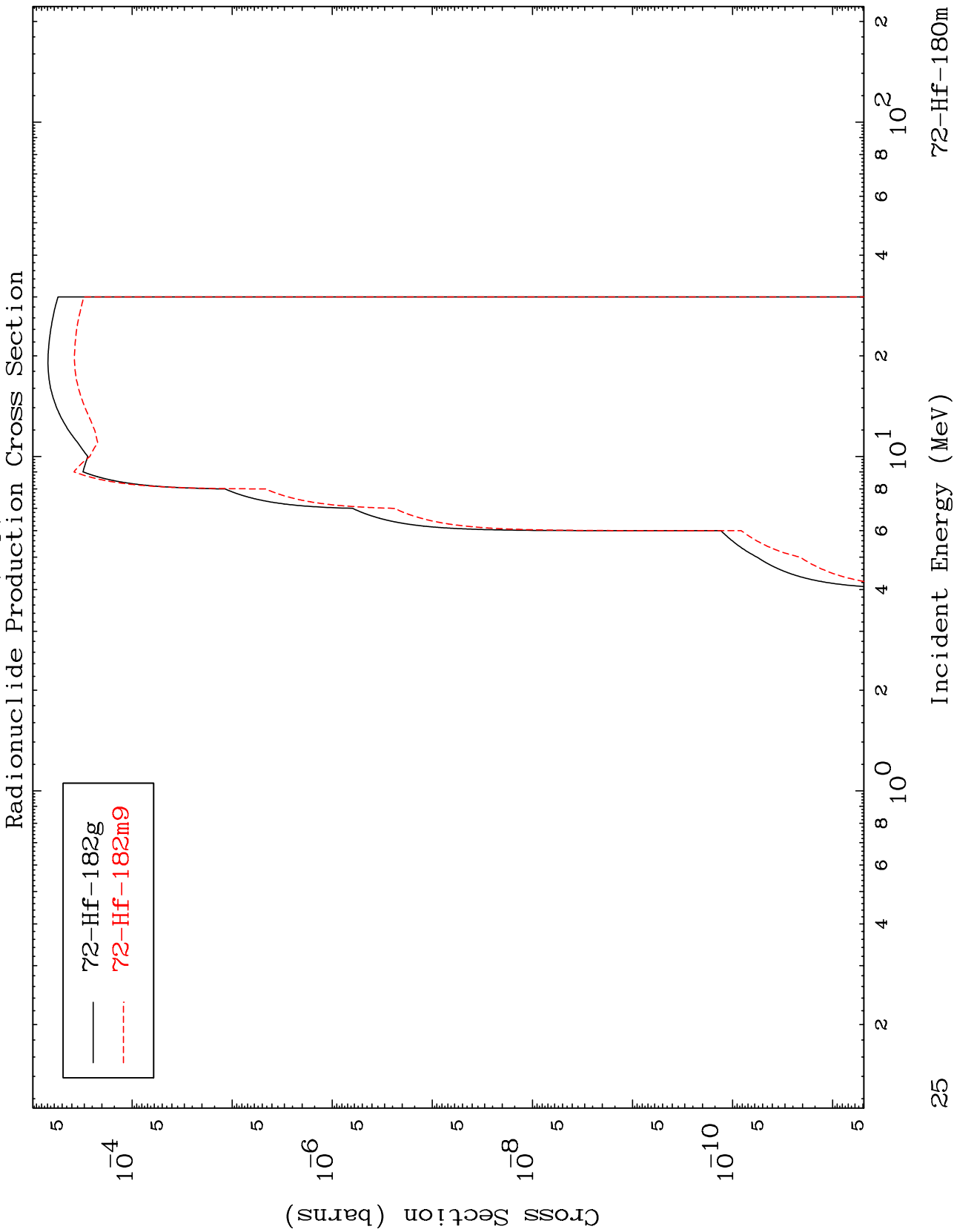
24

Incident Energy (MeV)

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

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



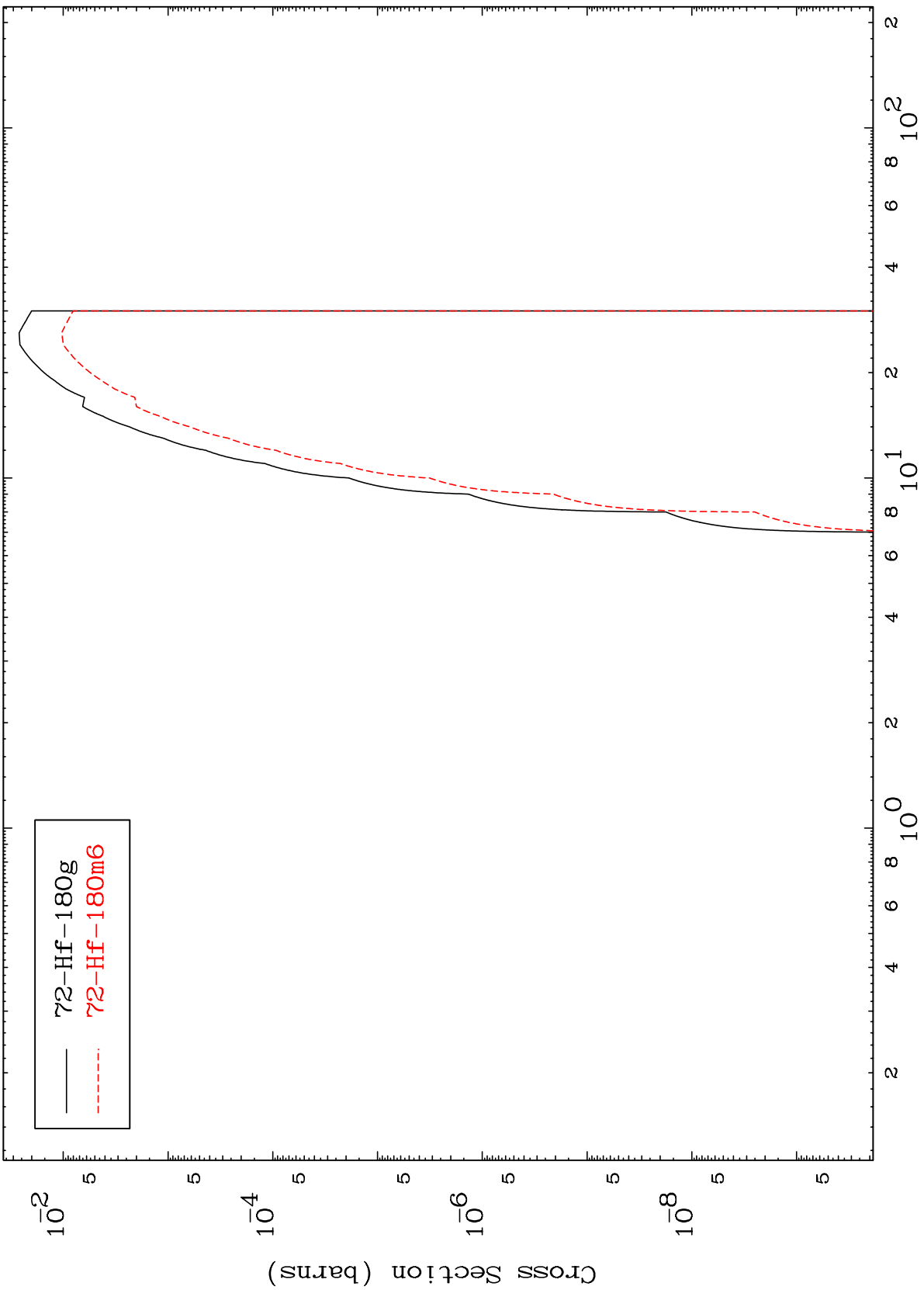
— <sup>72</sup>Hf-182g  
- - - <sup>72</sup>Hf-182m9

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(n, t)

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

Radionuclide Production Cross Section



Legend:  
— 72-Hf-180g  
- - - 72-Hf-180m6

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(n,d)  $\alpha$

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

Radionuclide Production Cross Section

