

Program EVALPLOT  
(Version 2021-1)

by

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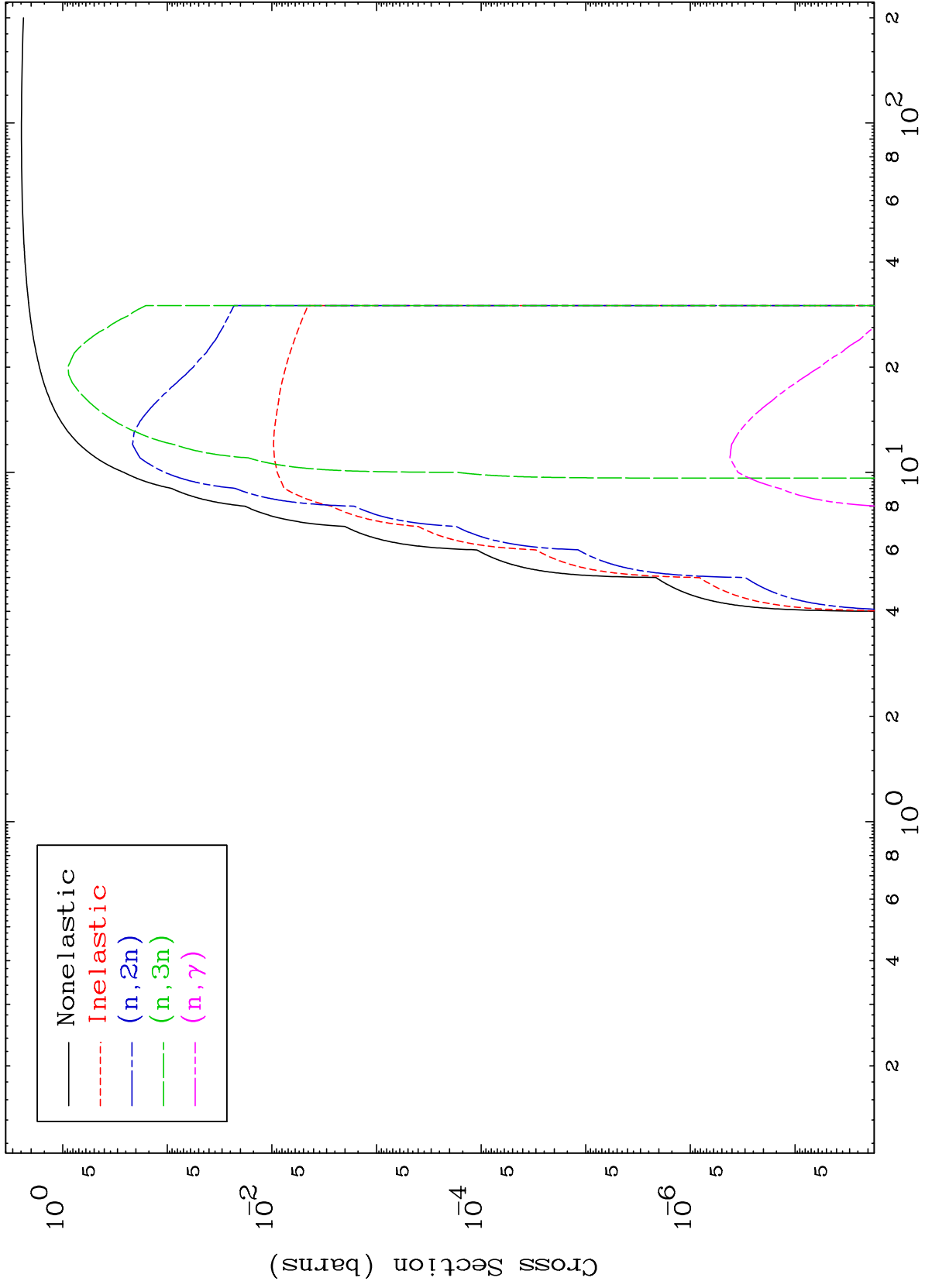
Press Mouse Button to Start

MAT 7328

Triton Major

<sup>73</sup>Ta-181

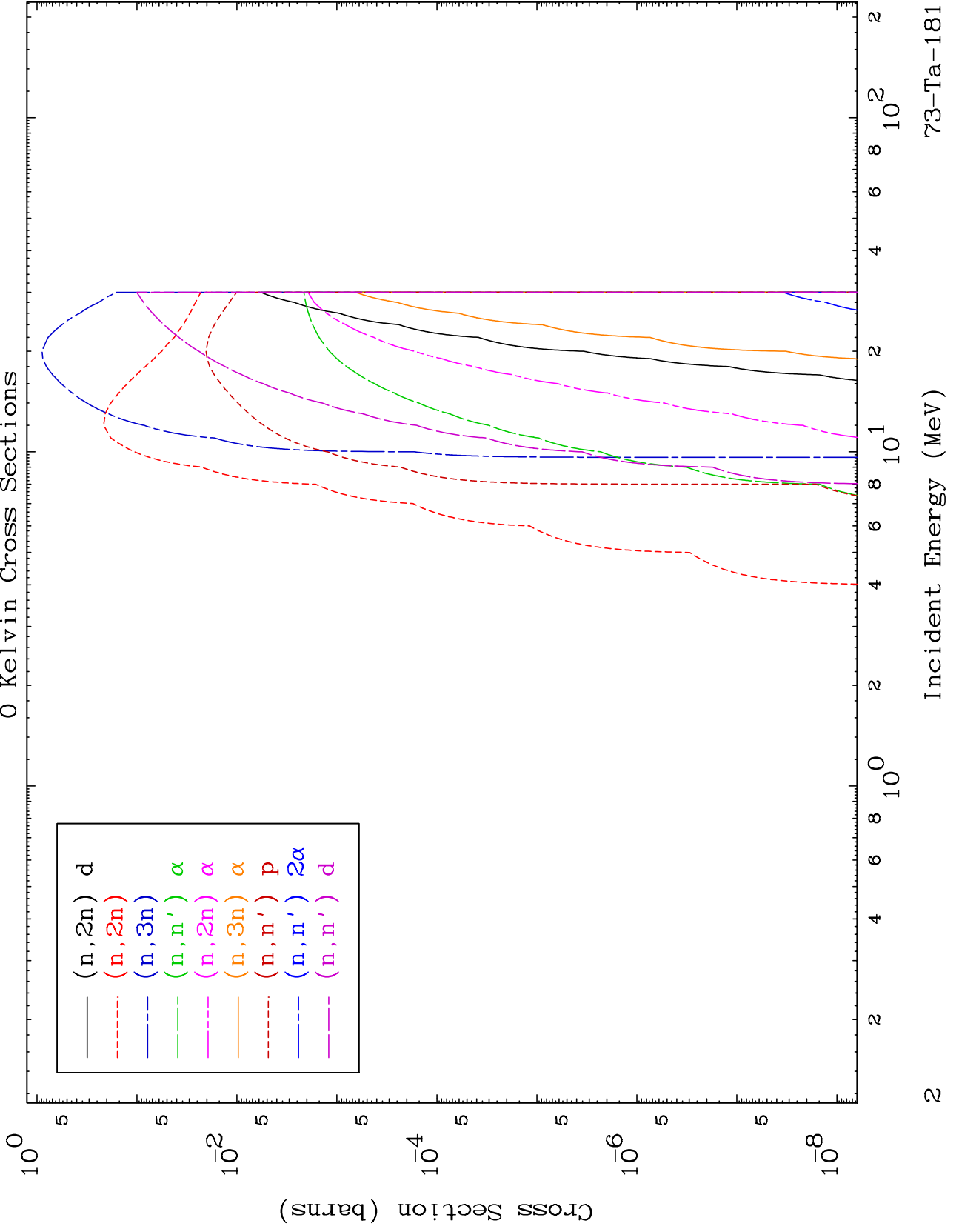
0 Kelvin Cross Sections



MAT 7328

Triton Neutron Absorption  
0 Kelvin Cross Sections

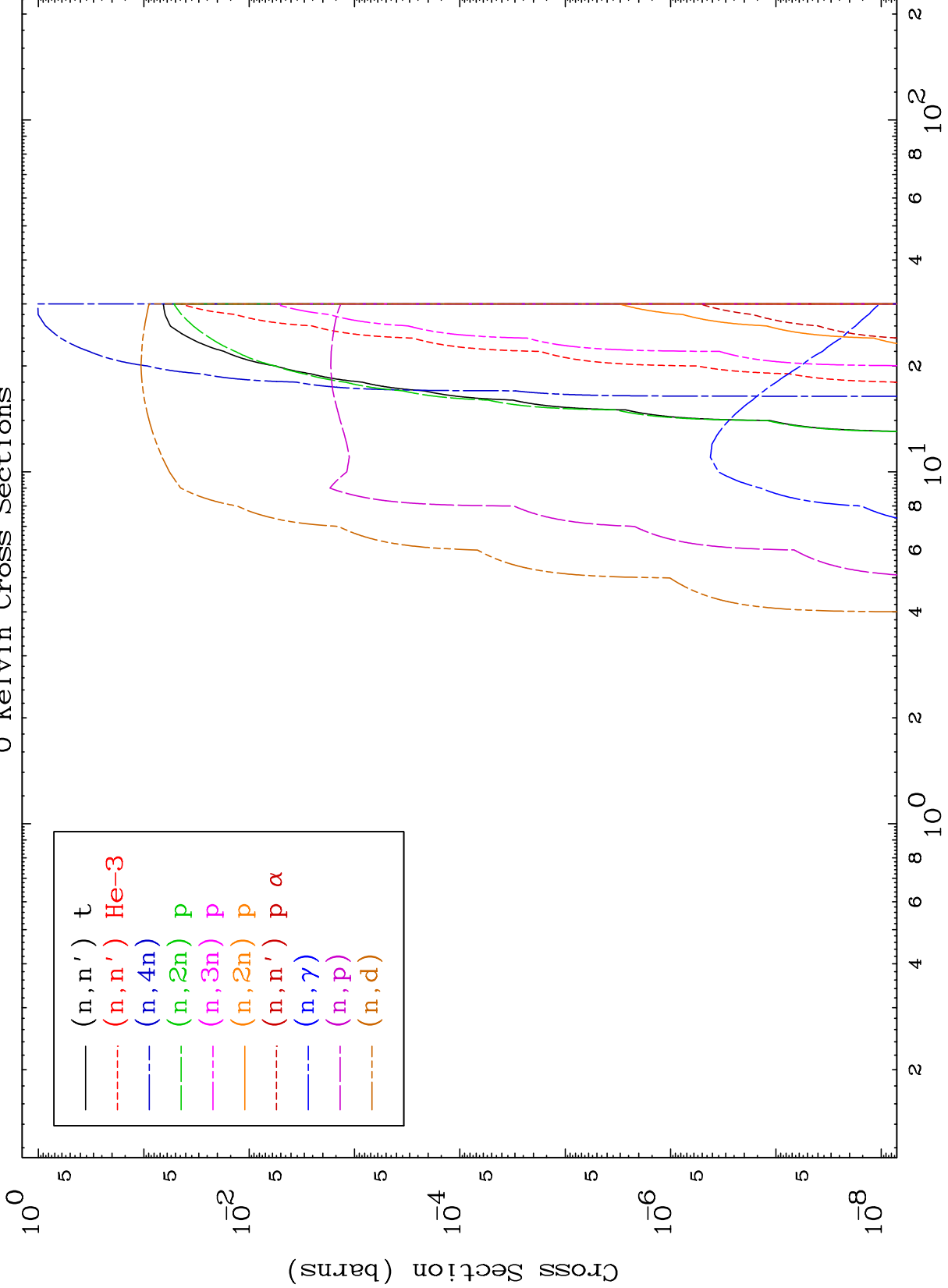
<sup>73</sup>Ta-181



MAT 7328

Triton Neutron Absorption  
0 Kelvin Cross Sections

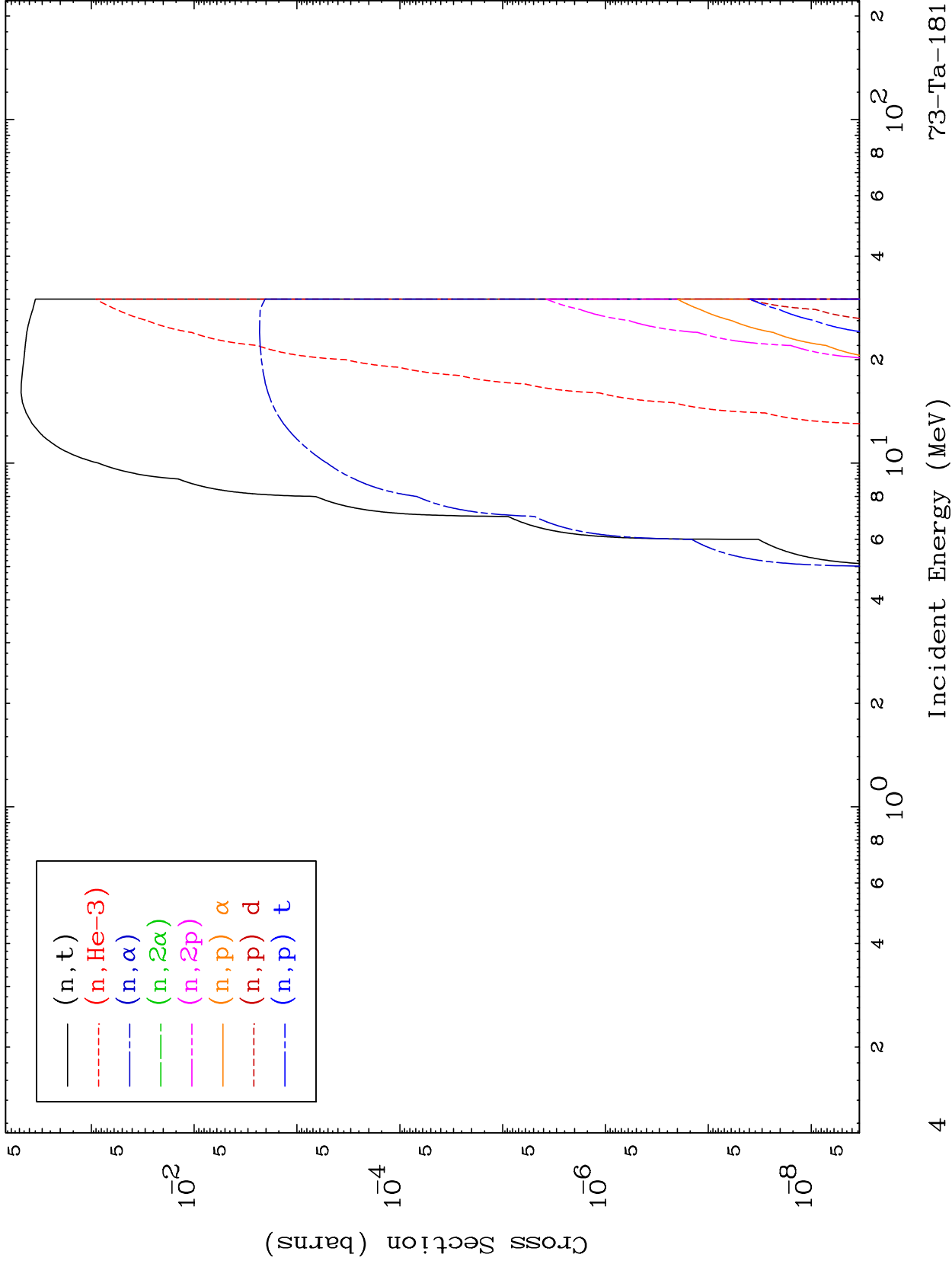
73-Ta-181

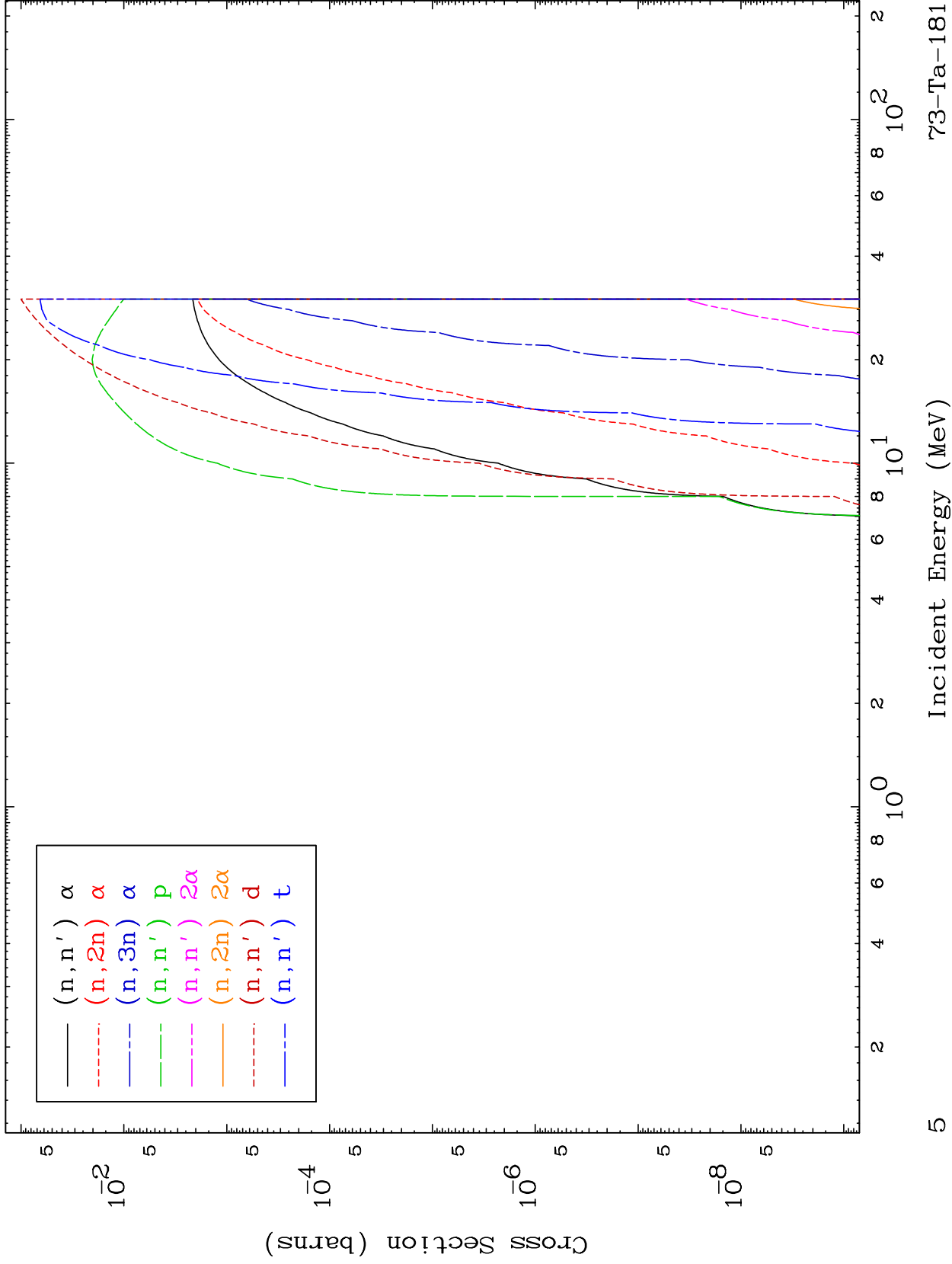


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Triton Neutron Absorption  
0 Kelvin Cross Sections

73-Ta-181

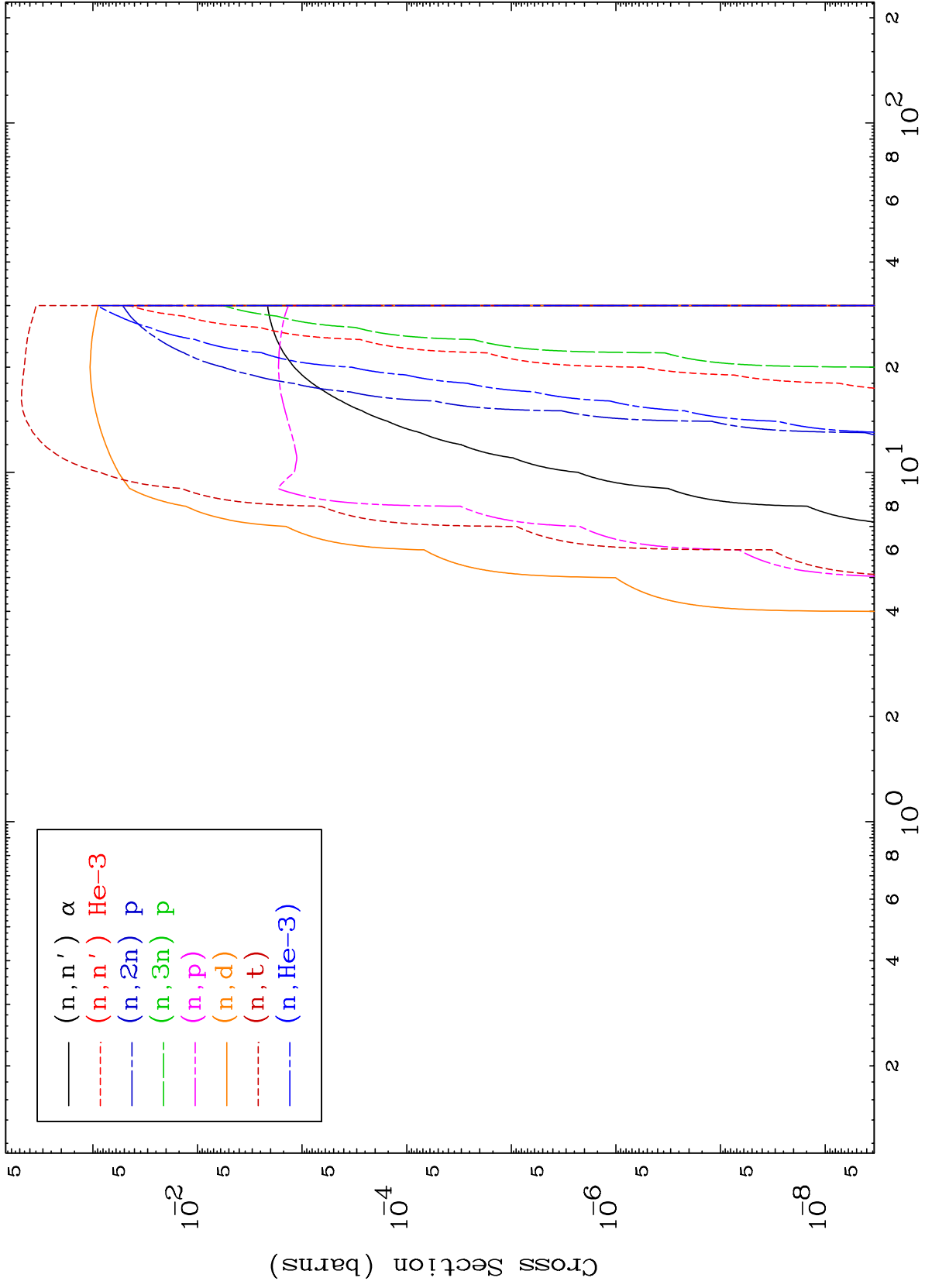




MAT 7328

Triton Charged Particle  
0 Kelvin Cross Sections

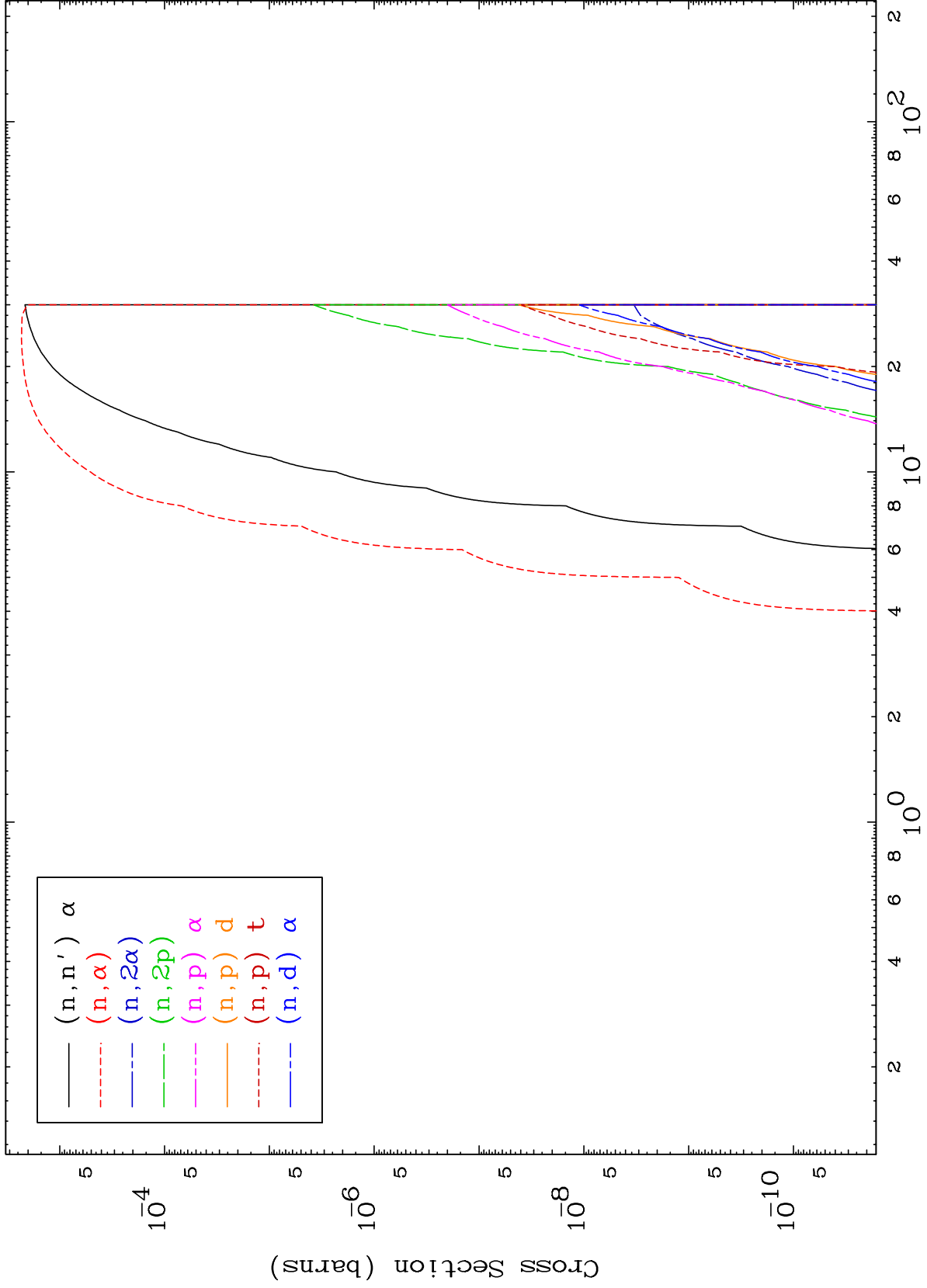
73-Ta-181



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Triton Charged Particle  
0 Kelvin Cross Sections

73-Ta-181

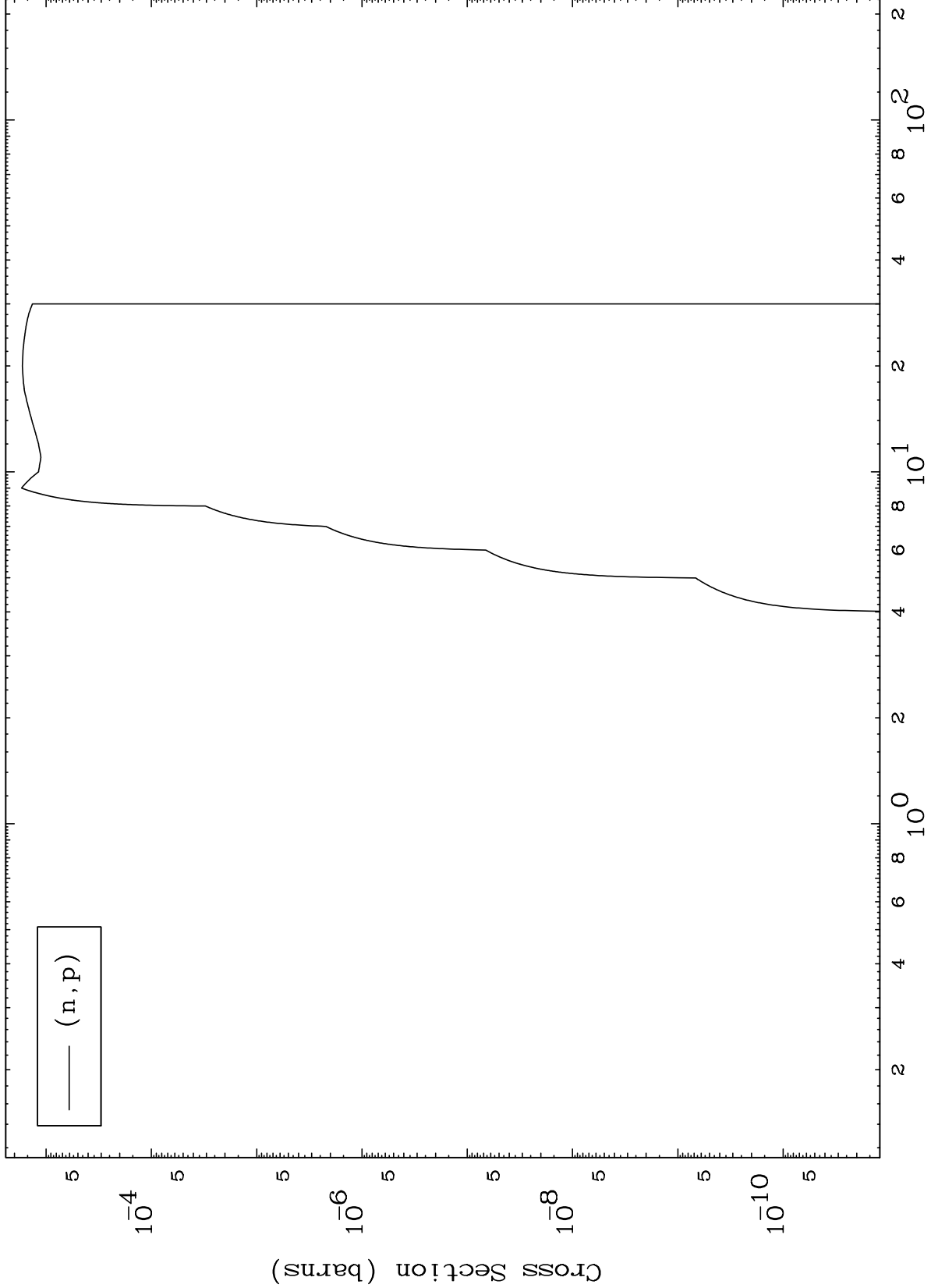


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(t,p) Levels

73-Ta-181

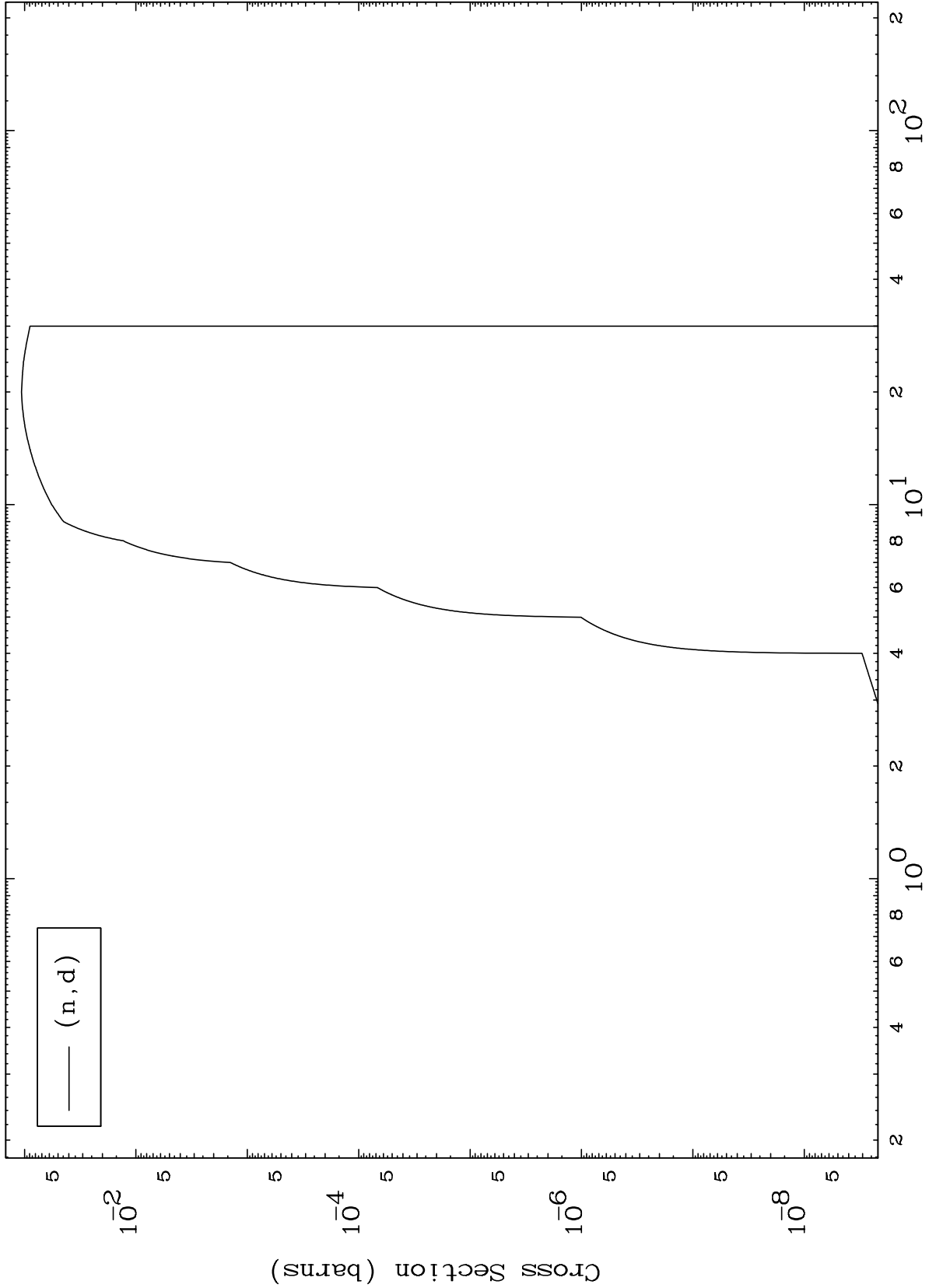
0 Kelvin Cross Sections



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73-Ta-181

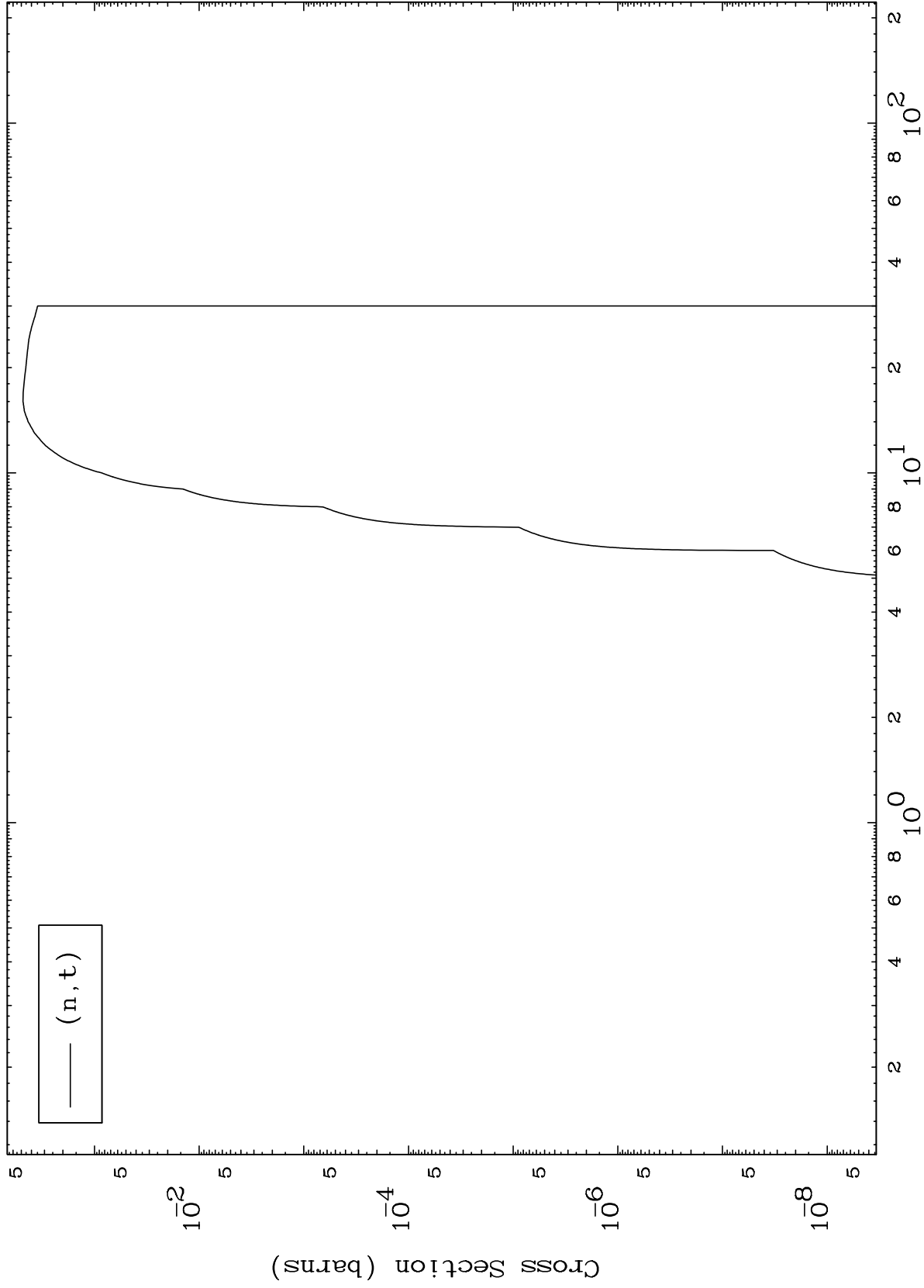
(t,d) Levels  
0 Kelvin Cross Sections



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73-Ta-181

(t, t) Levels  
0 Kelvin Cross Sections



73-Ta-181

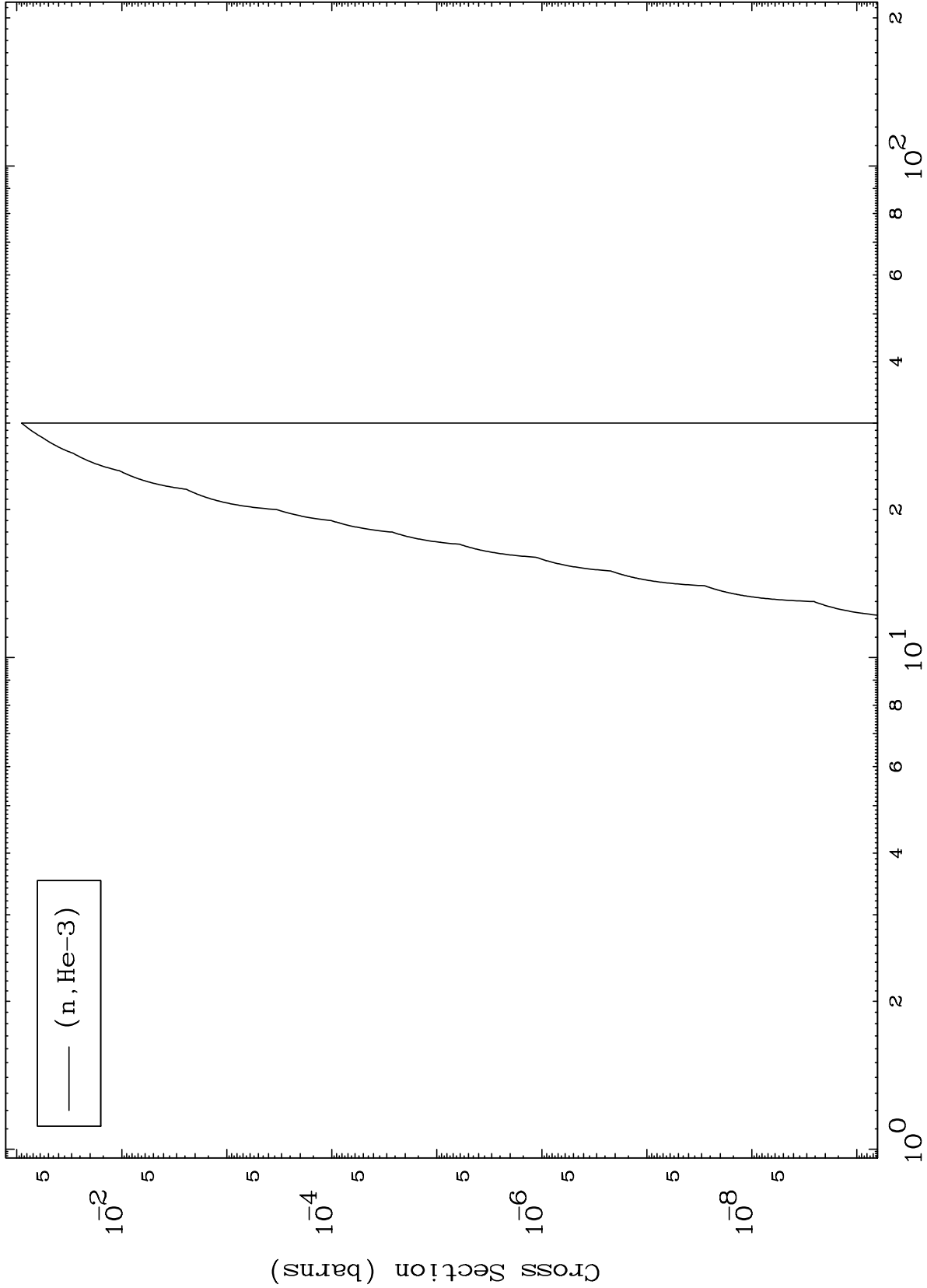
Incident Energy (MeV)

10

MAT 7328

73-Ta-181

(t,He3) Levels  
0 Kelvin Cross Sections



11

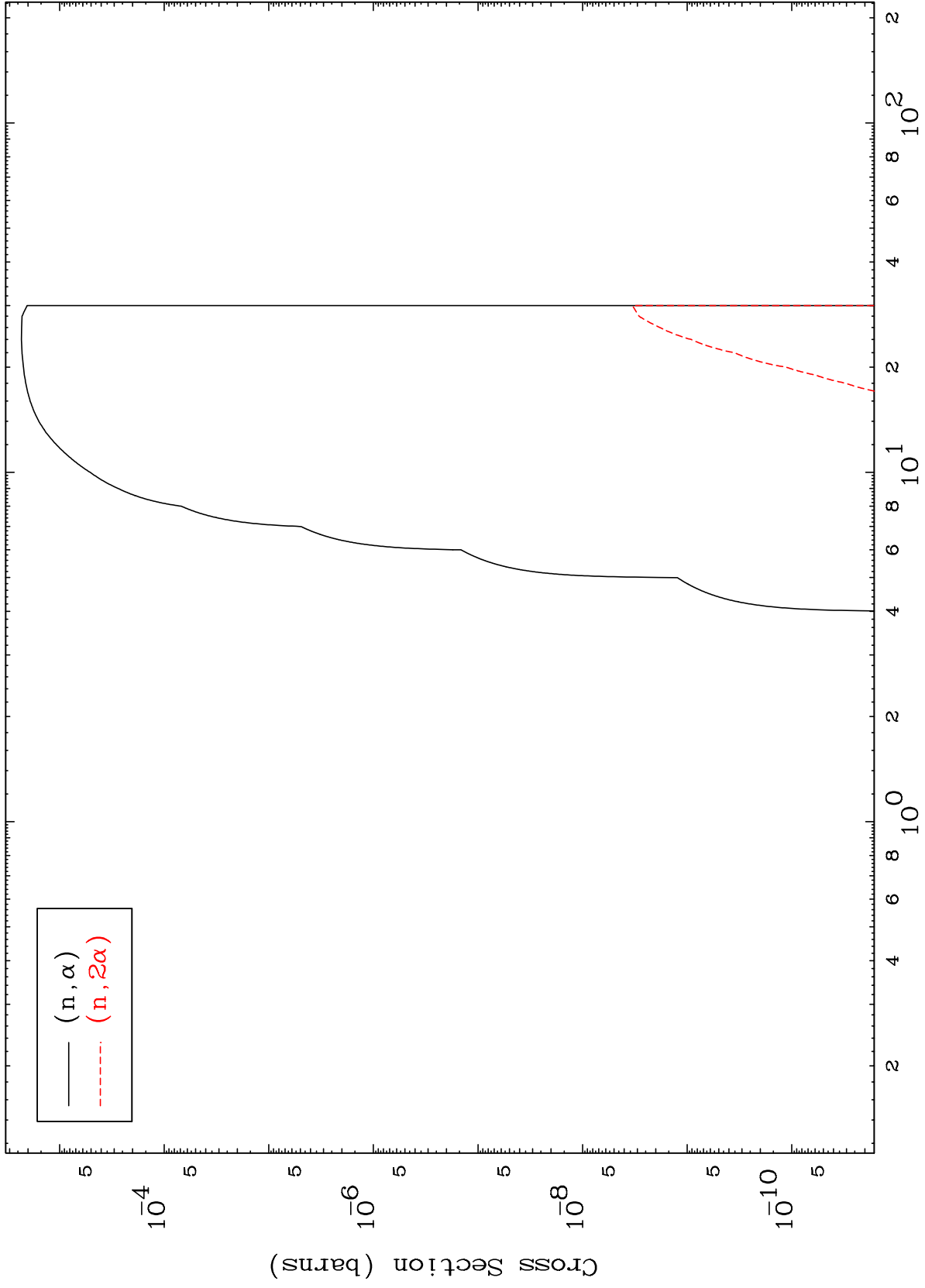
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

<sup>73</sup>Ta-181



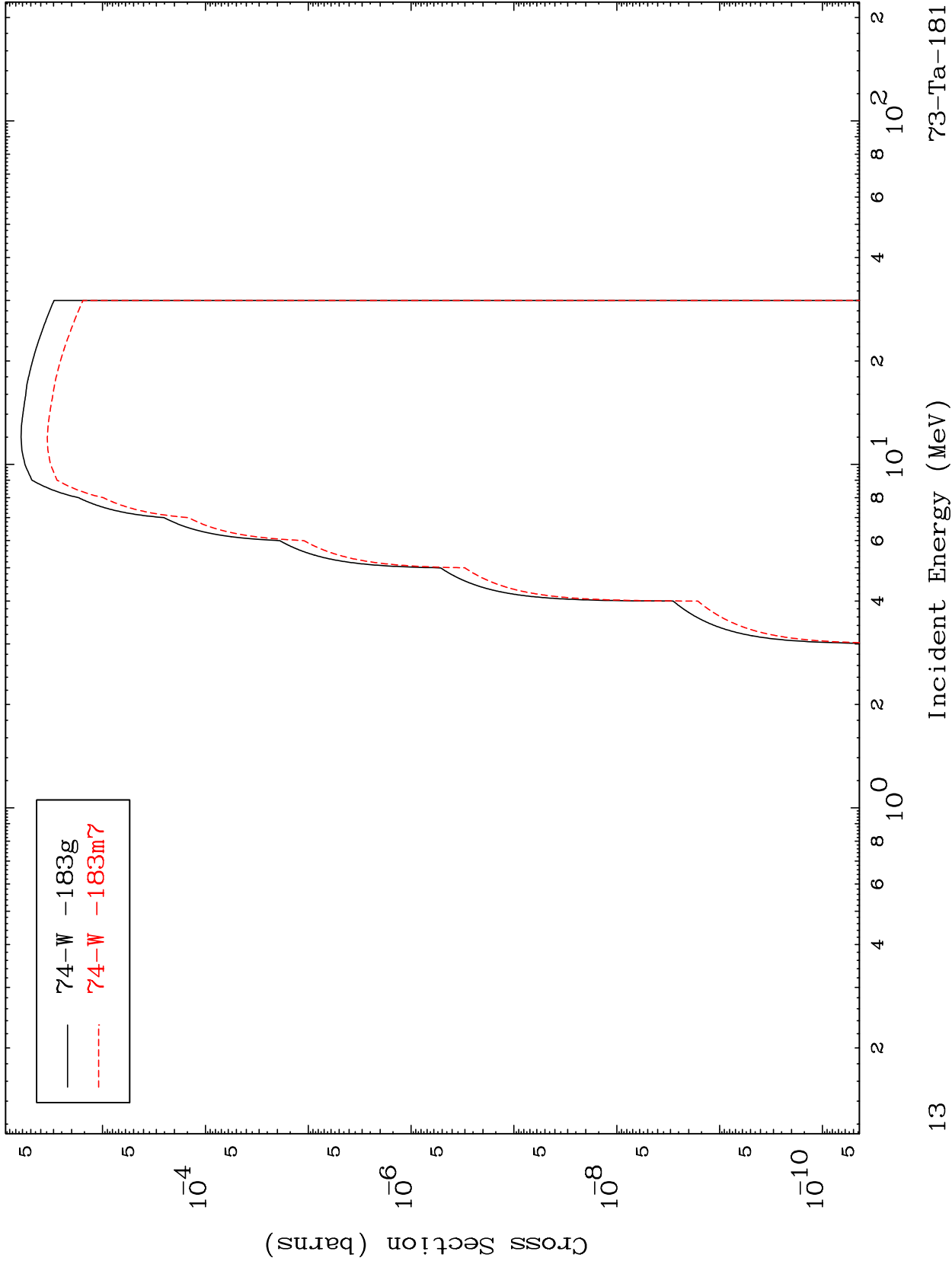
12

<sup>73</sup>Ta-181

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73-Ta-181

Inelastic  
Radionuclide Production Cross Section



13

73-Ta-181

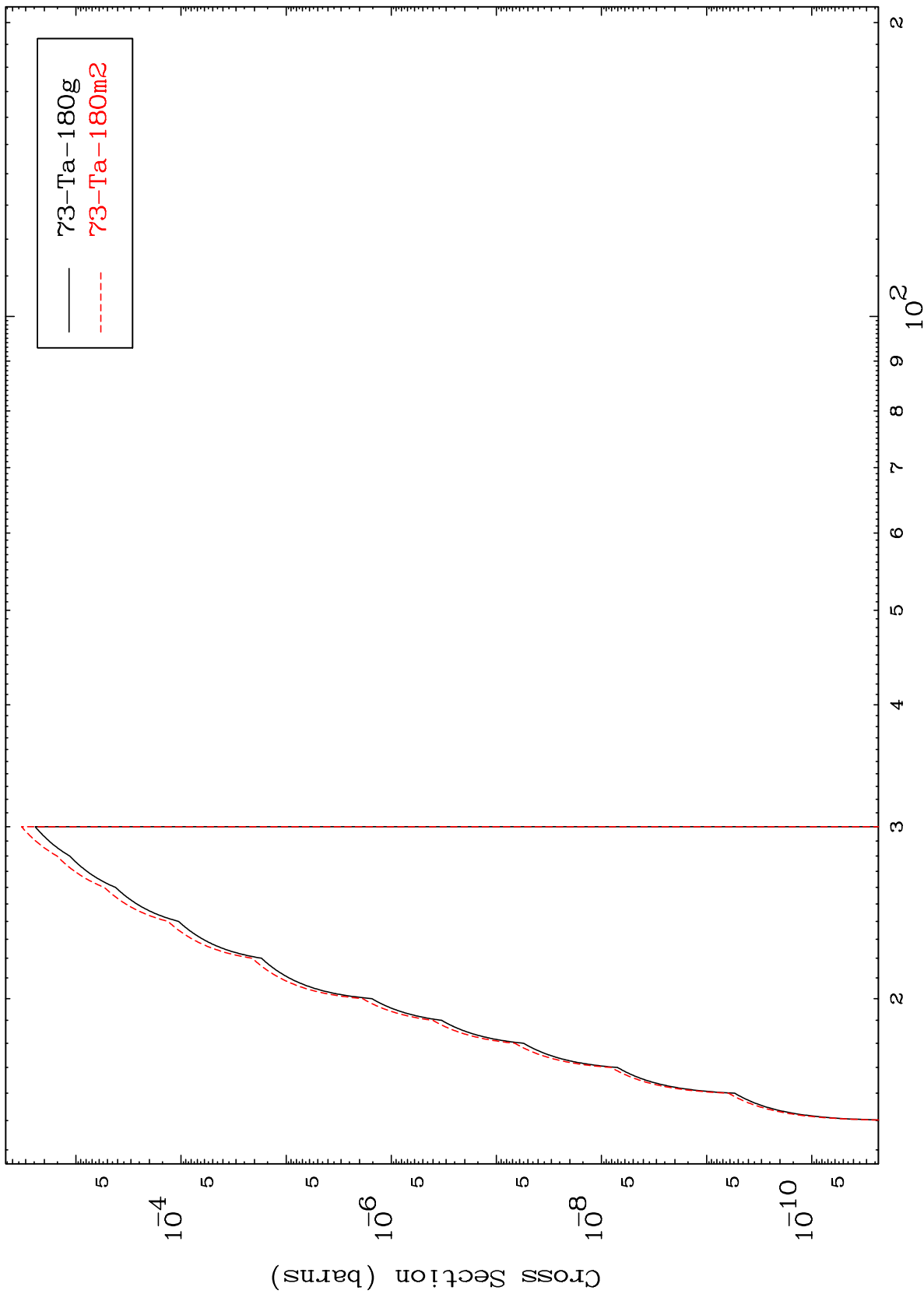
Incident Energy (MeV)

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(n,2n) d

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



14

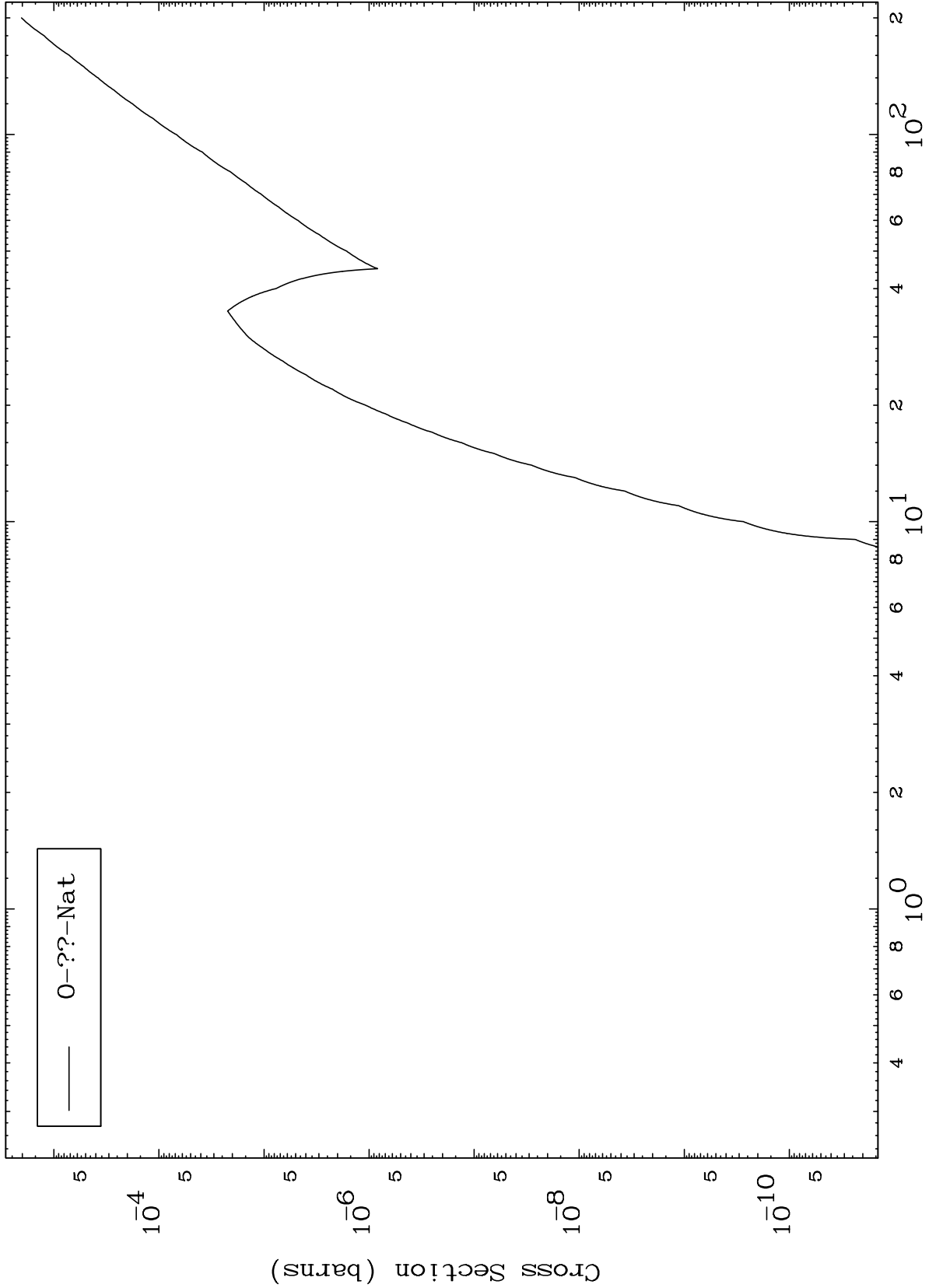
Incident Energy (MeV)

<sup>73</sup>Ta-181

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73-Ta-181

Fission  
Radionuclide Production Cross Section

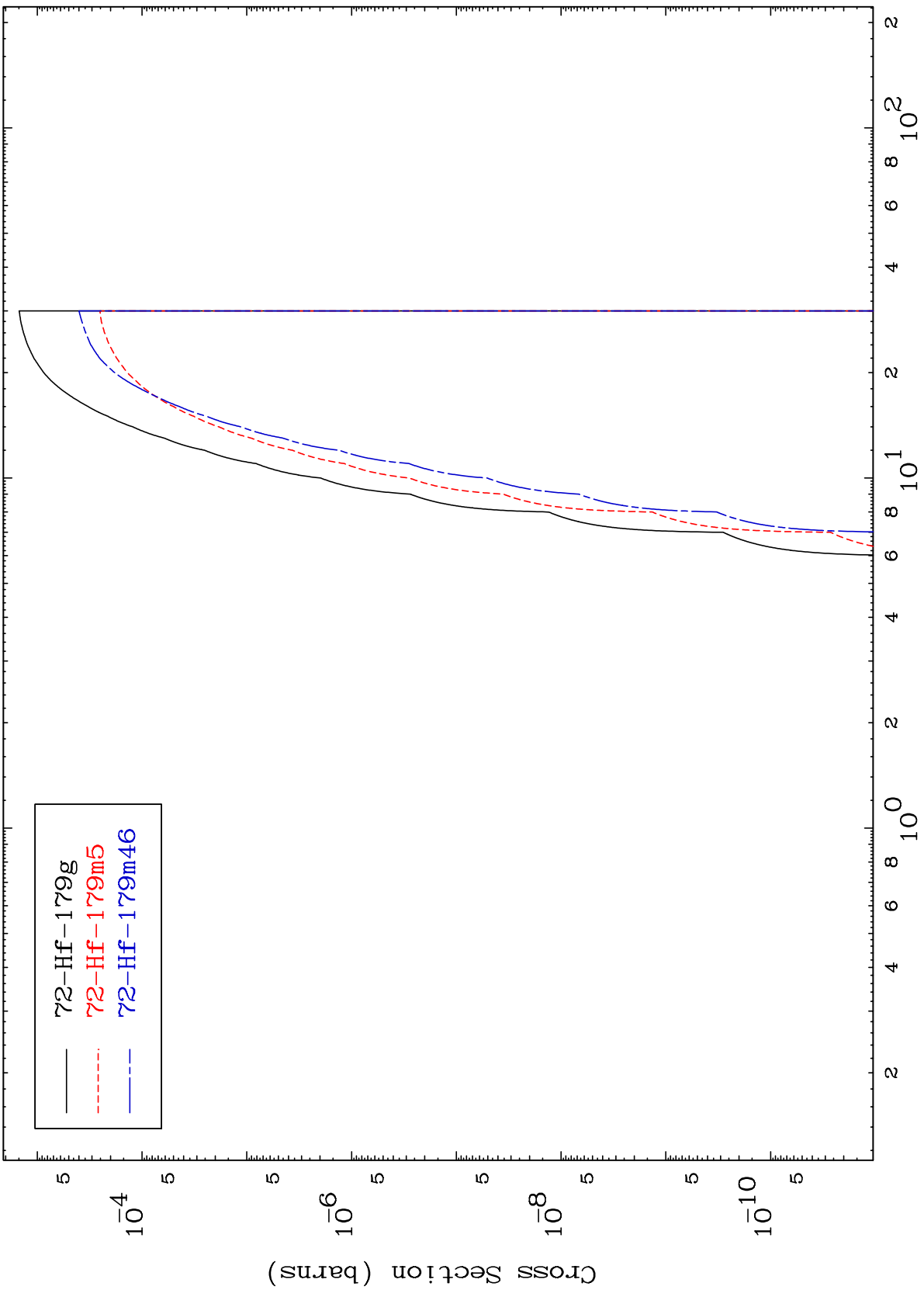


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$(n, n') \alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

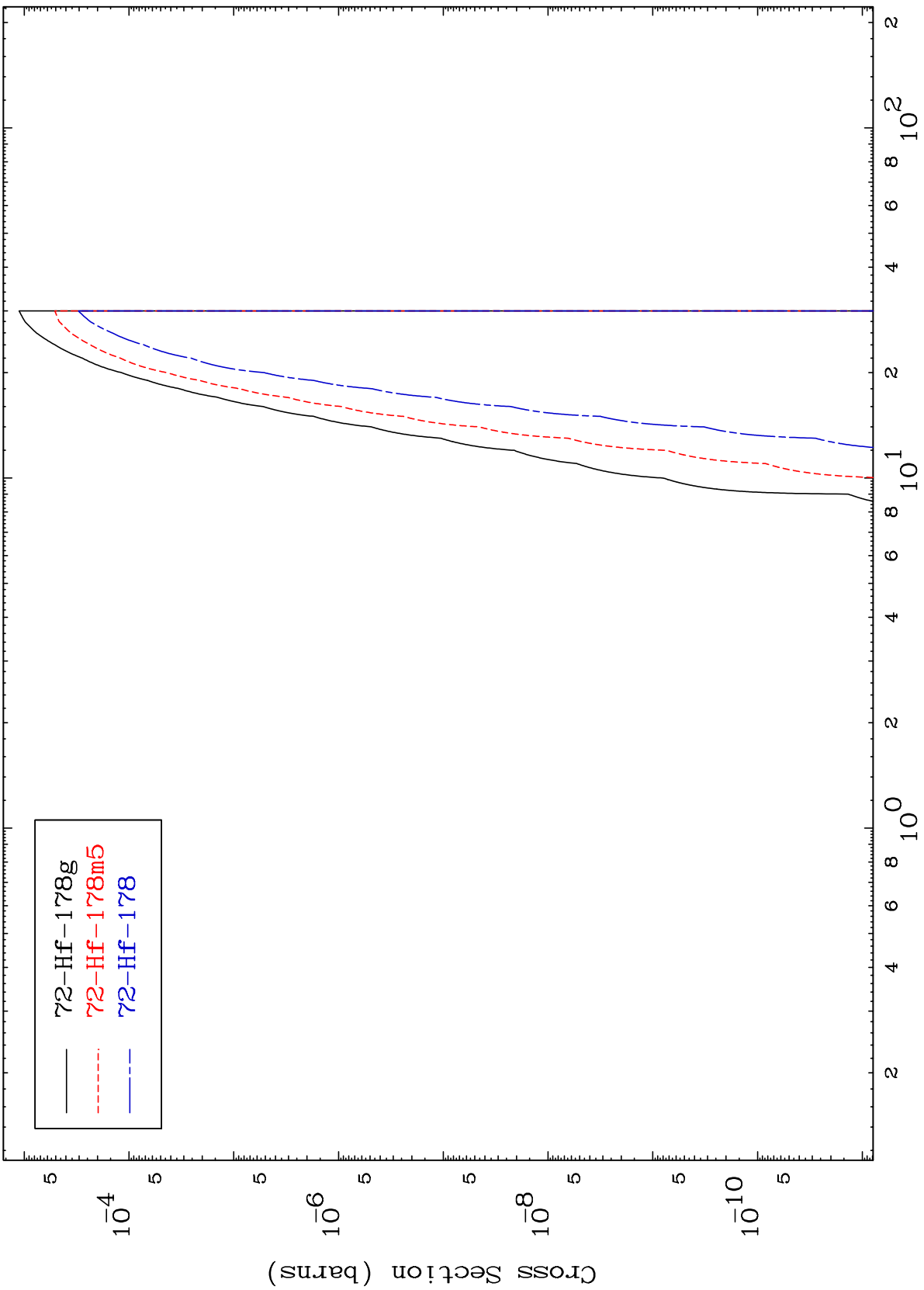
$^{73}\text{Ta-181}$

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$(n,2n) \alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



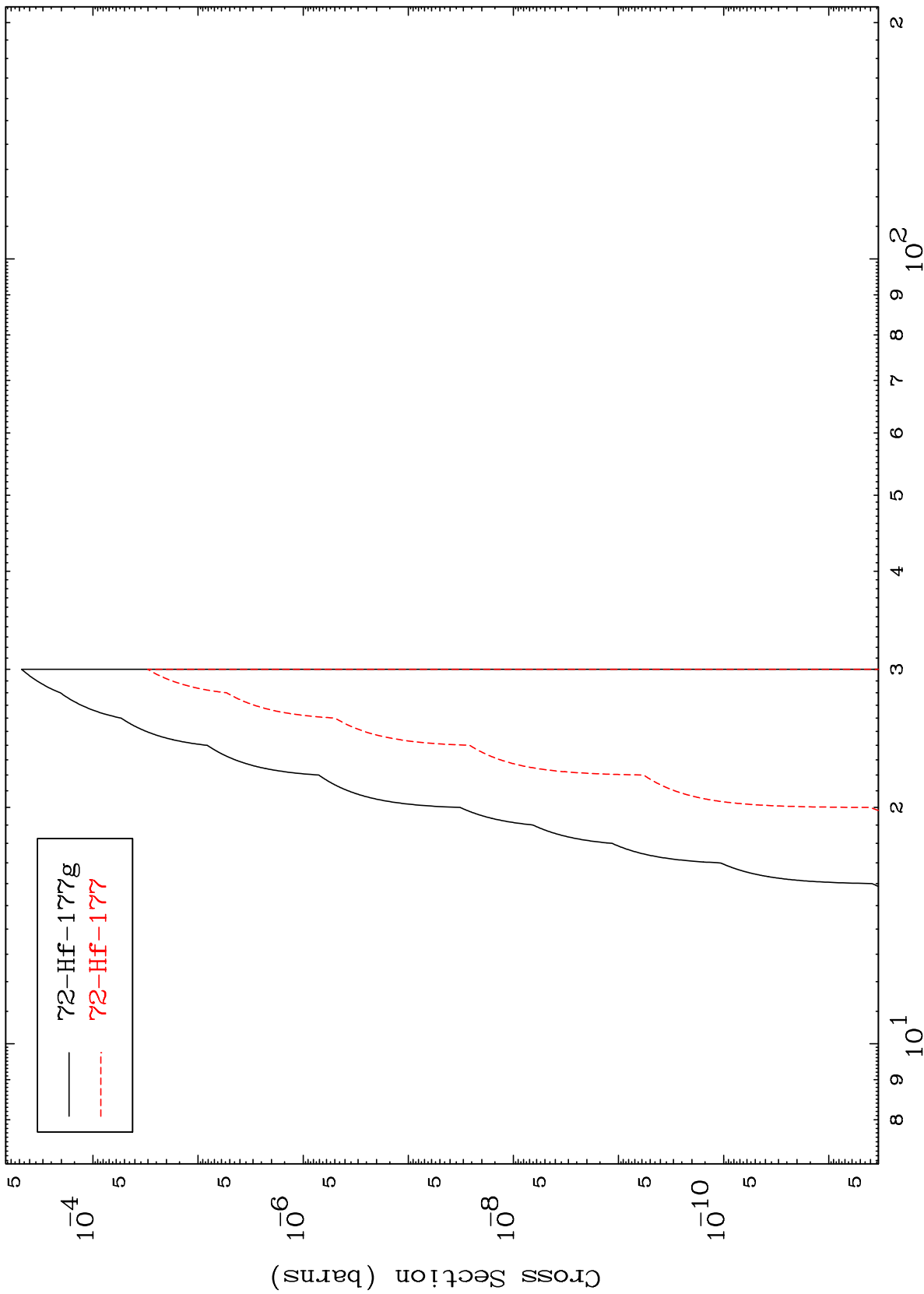
72-Hf-178g  
72-Hf-178m5  
72-Hf-178

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(n,3n)  $\alpha$

73-Ta-181

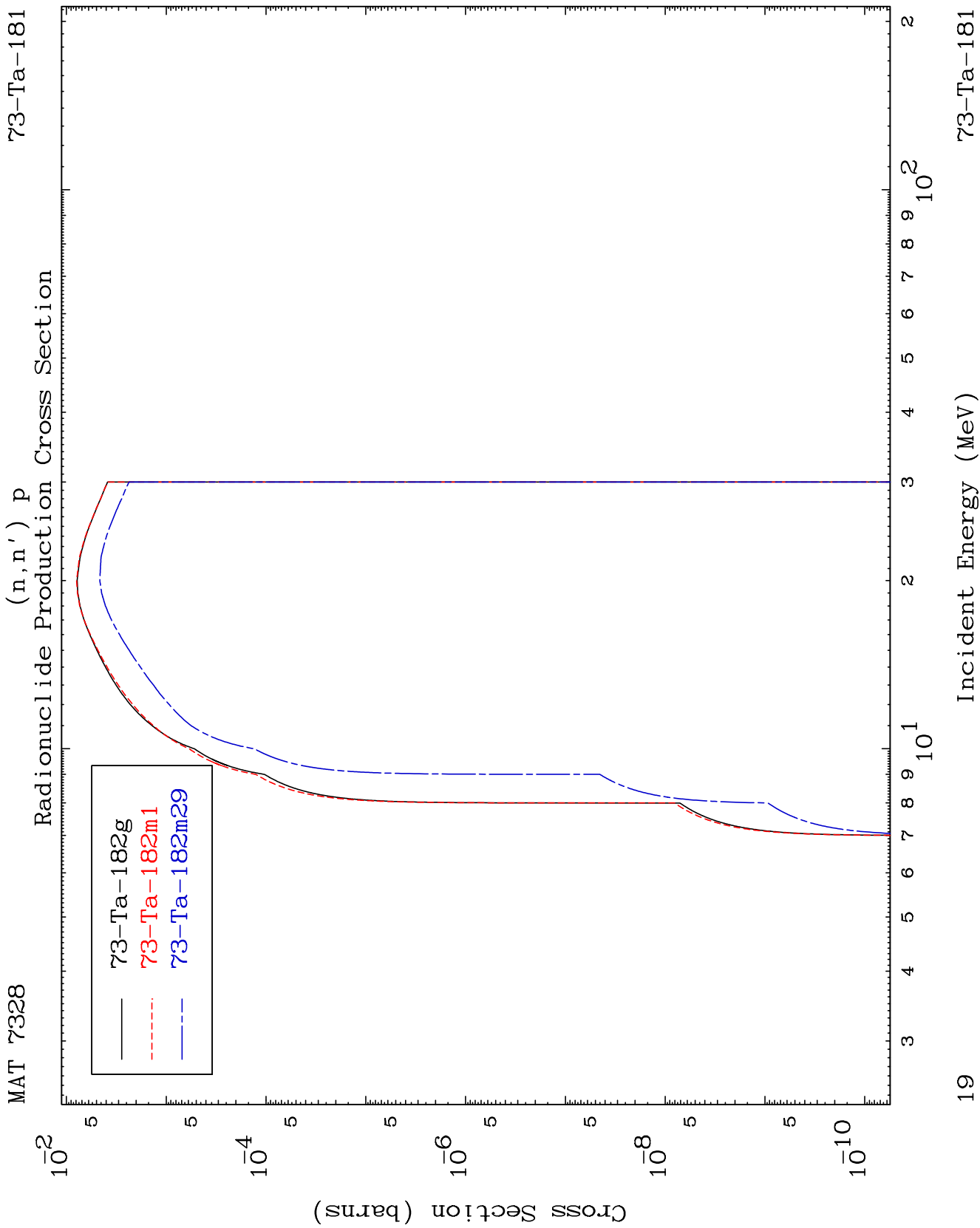
Radionuclide Production Cross Section



18

Incident Energy (MeV)

73-Ta-181

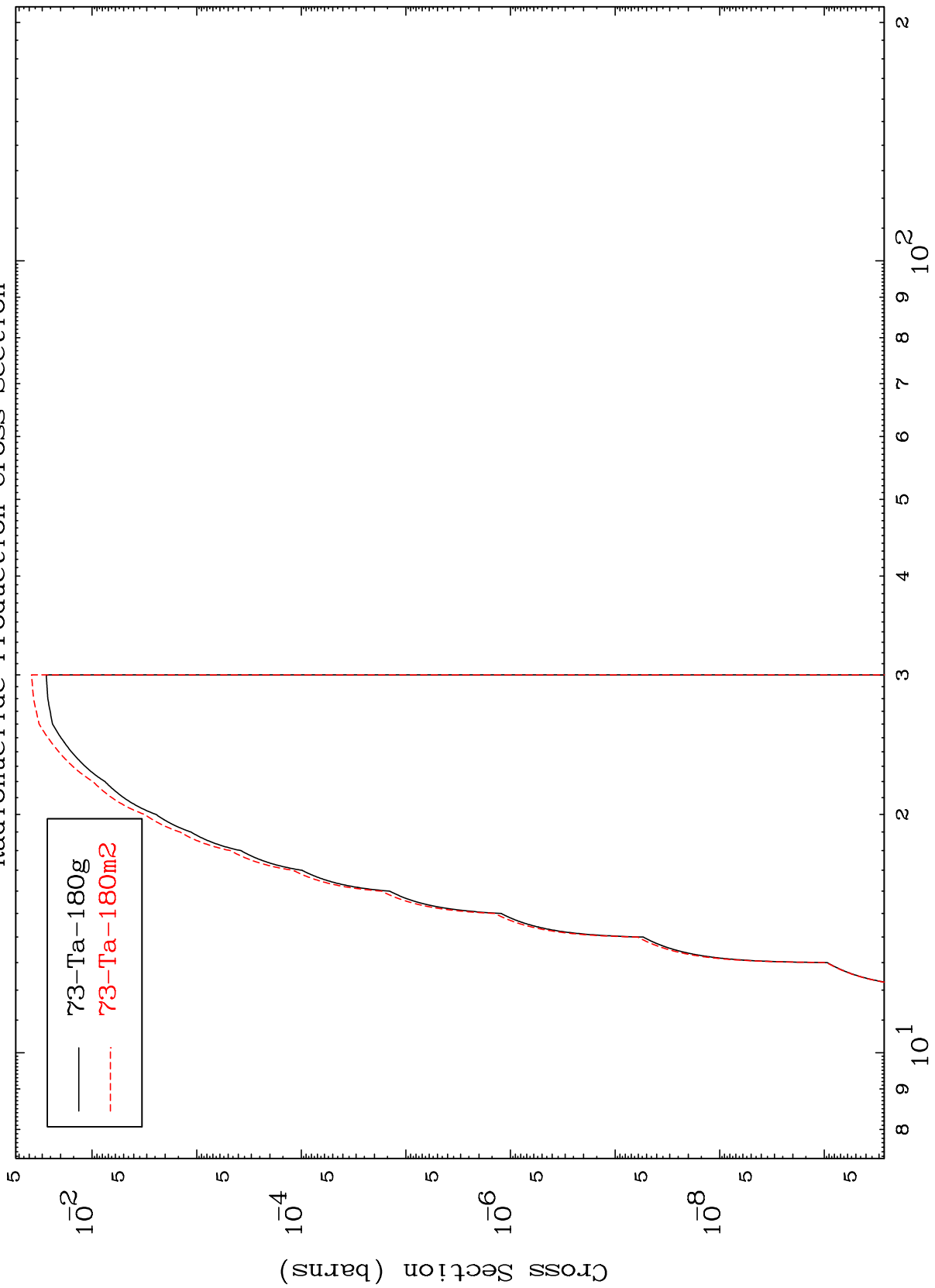


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(n,n') t

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

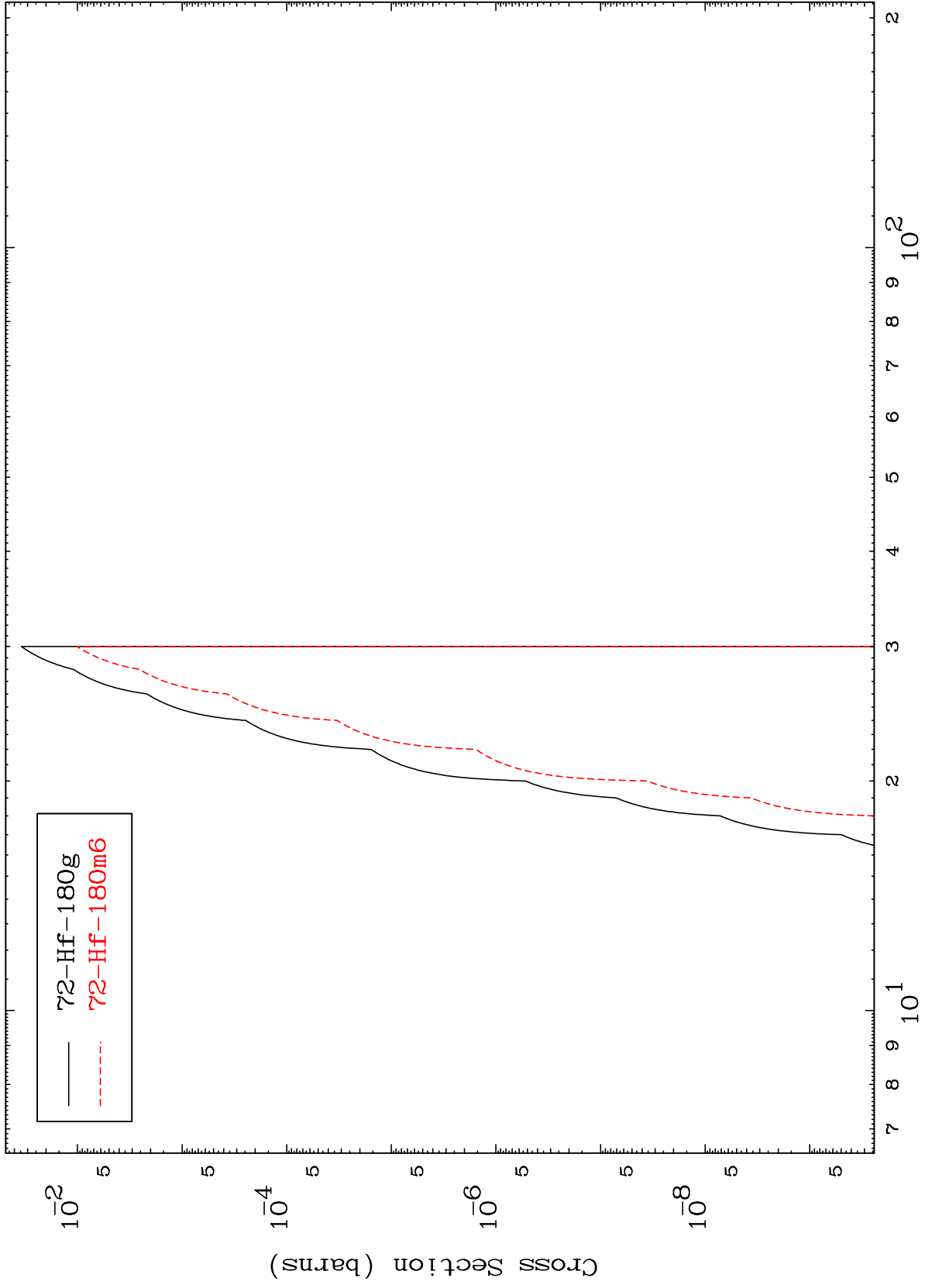
<sup>73</sup>Ta-181

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(n,n') He-3

73-Ta-181

Radionuclide Production Cross Section



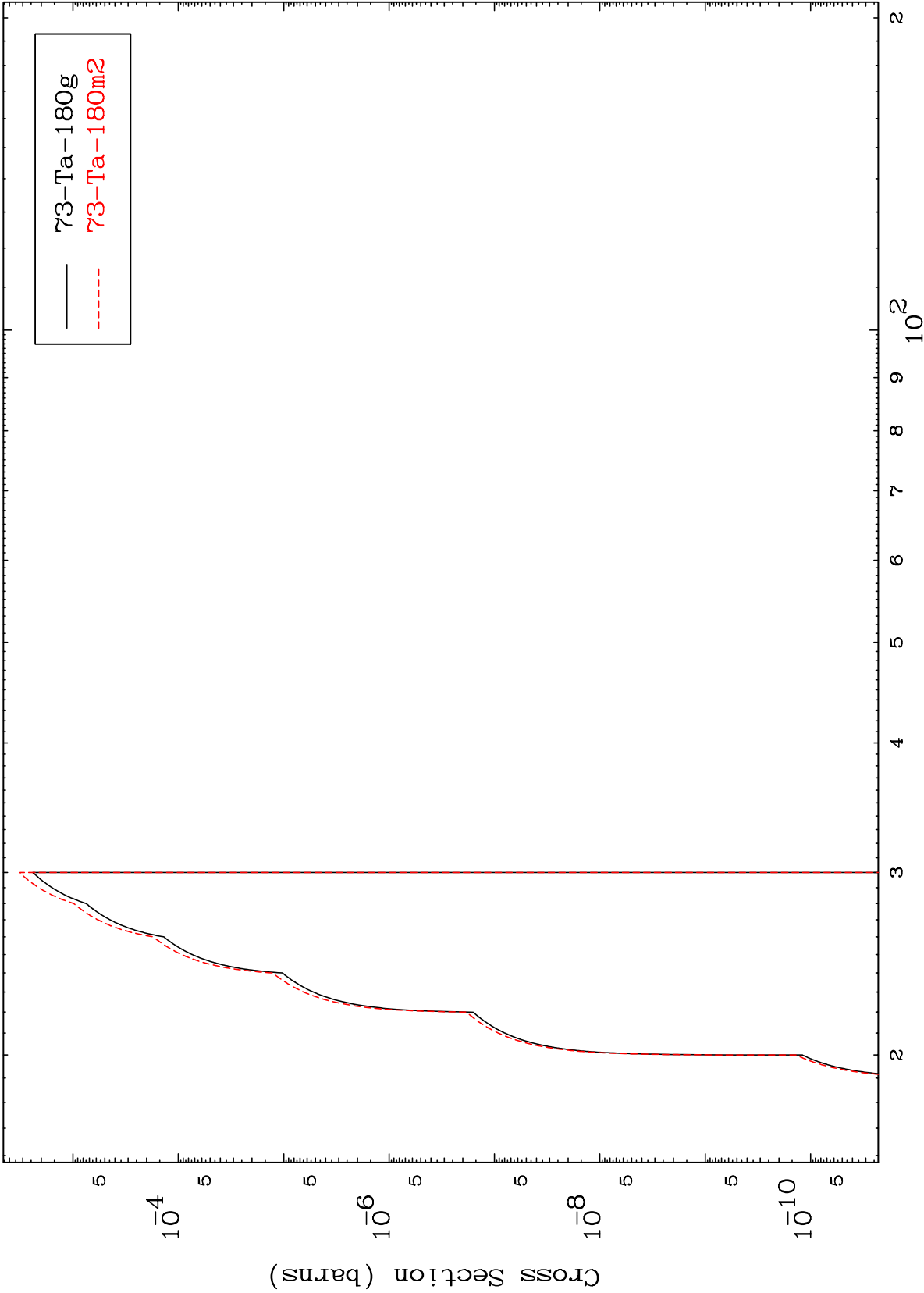
21

Incident Energy (MeV)

73-Ta-181

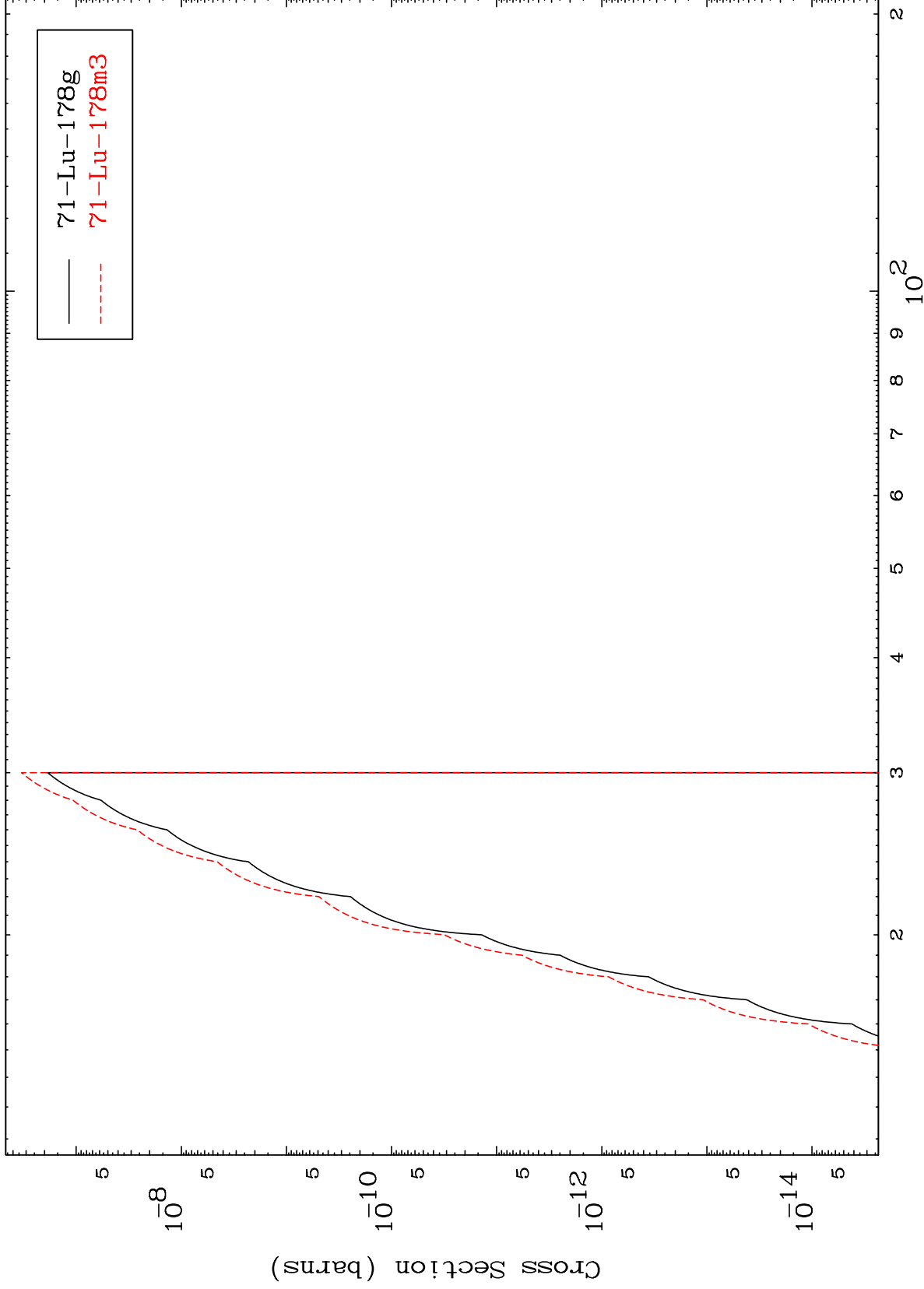
(n,3n) p

Radionuclide Production Cross Section



Incident Energy (MeV)

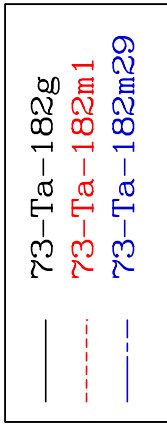
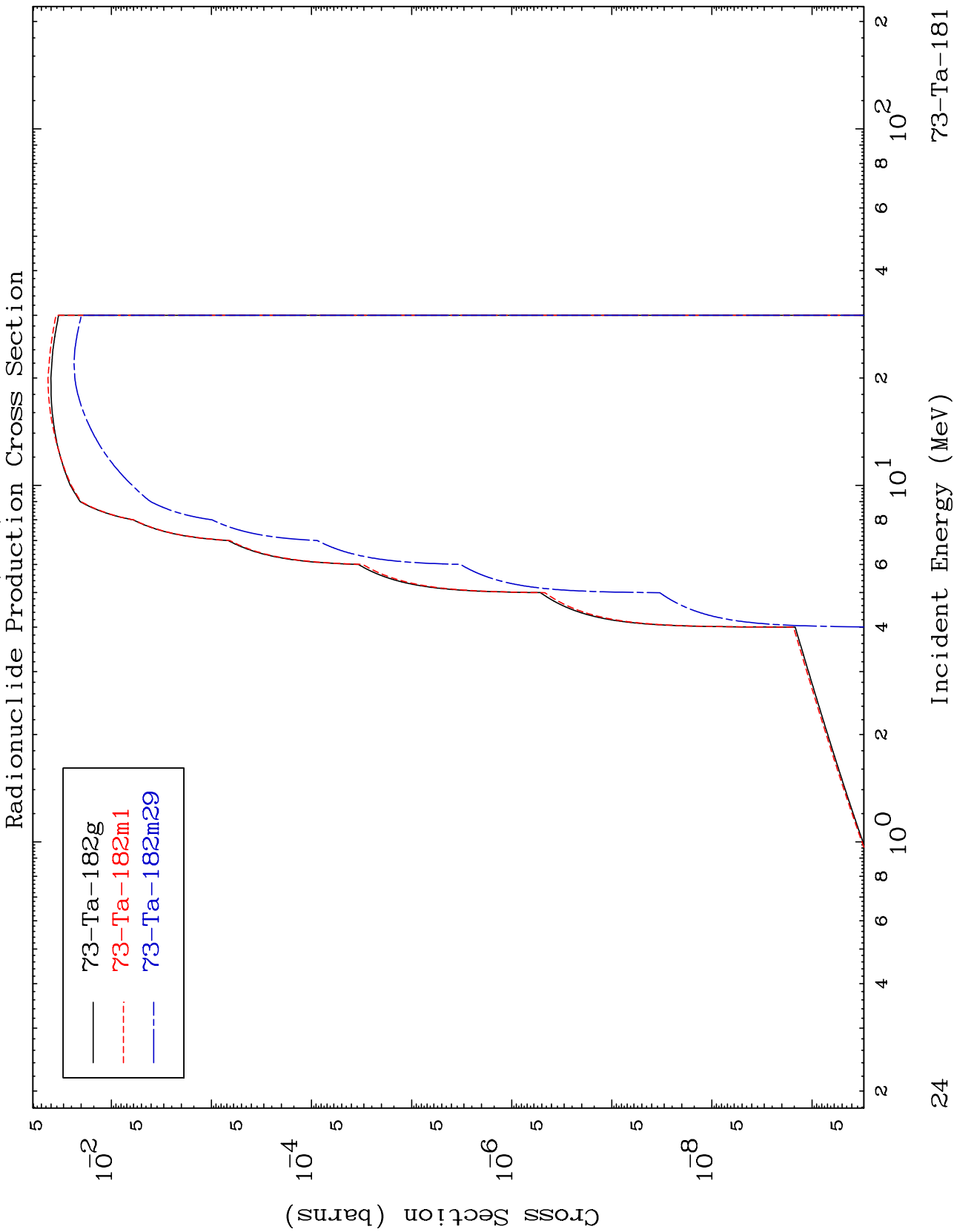
Radionuclide Production Cross Section



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(n,d)

<sup>73</sup>Ta-181



24

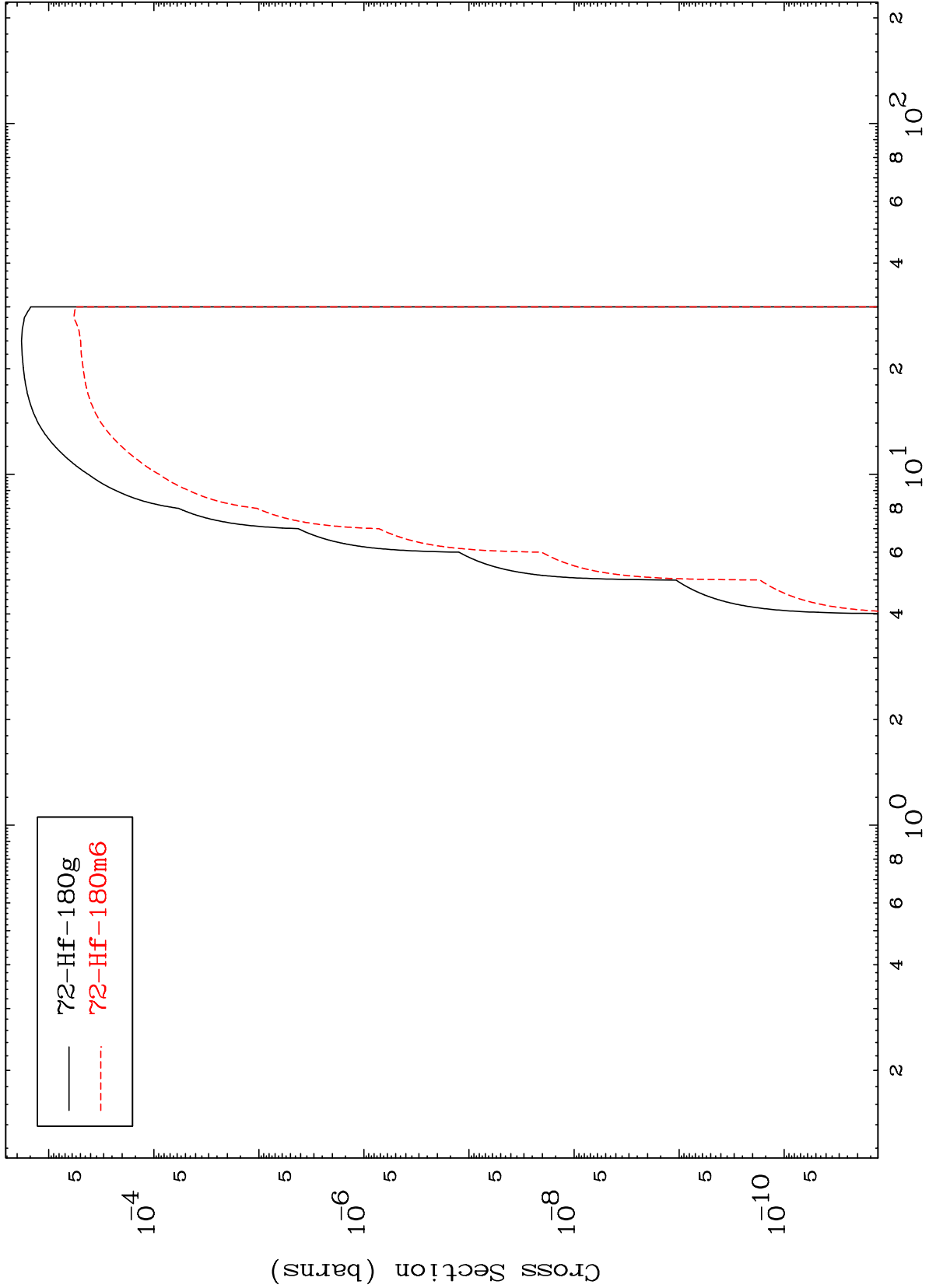
Incident Energy (MeV)

<sup>73</sup>Ta-181

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73-Ta-181

(n,  $\alpha$ )  
Radionuclide Production Cross Section

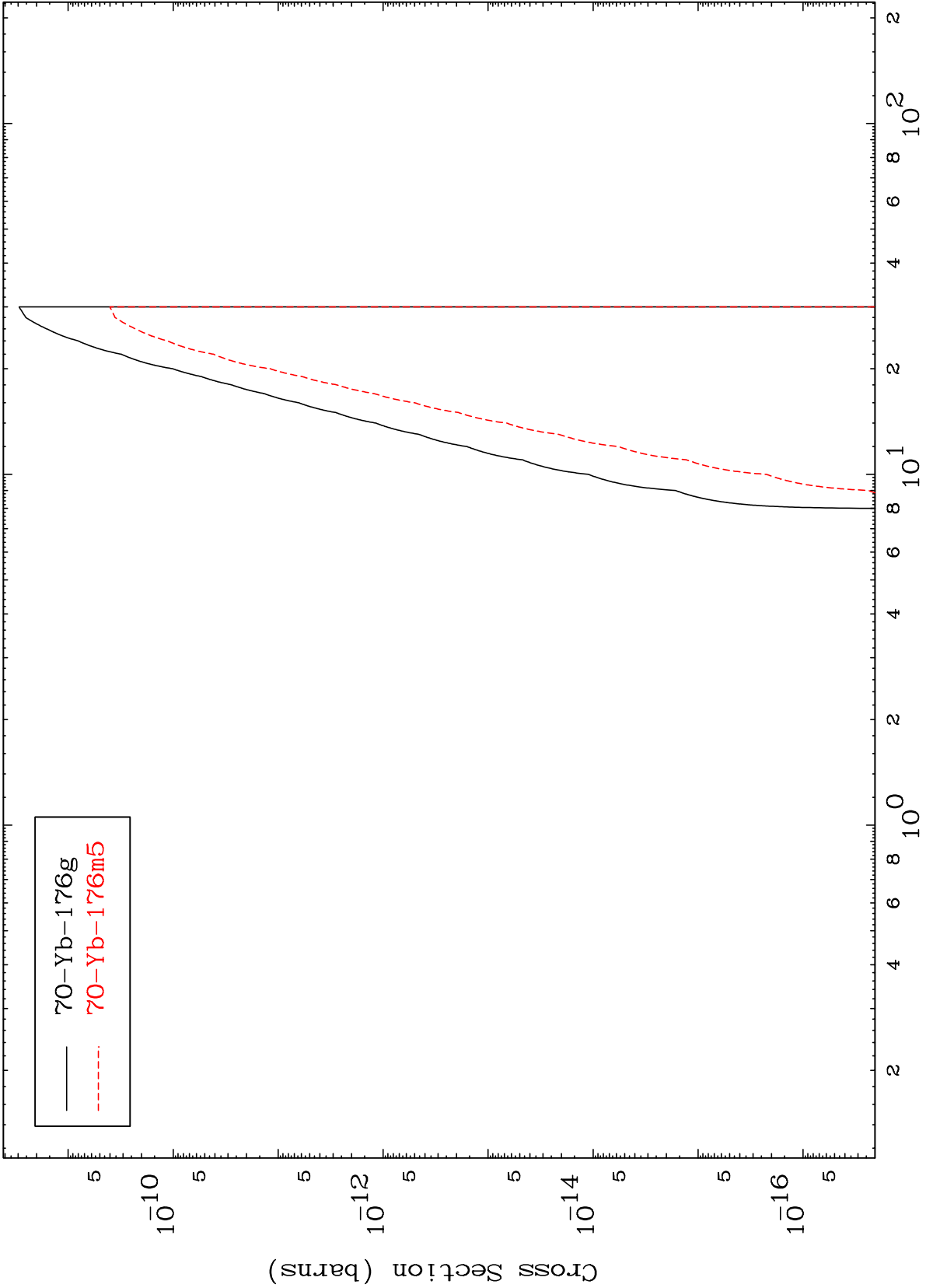


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(n,2α)

73-Ta-181

Radionuclide Production Cross Section



26

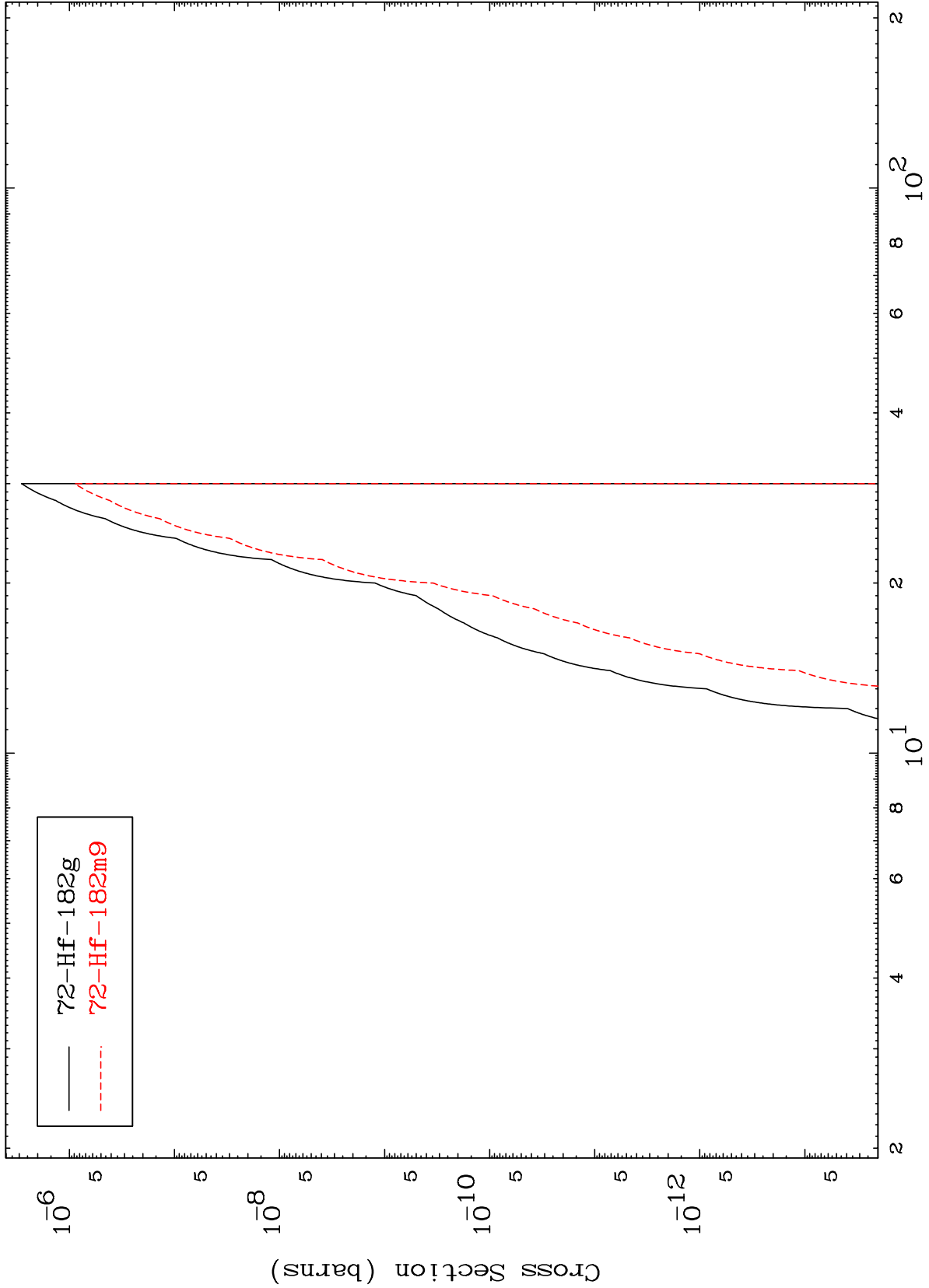
Incident Energy (MeV)

73-Ta-181

MAT 7328

73-Ta-181

(n,2p)  
Radionuclide Production Cross Section



— 72-Hf-182g  
- - - 72-Hf-182m9

27

73-Ta-181

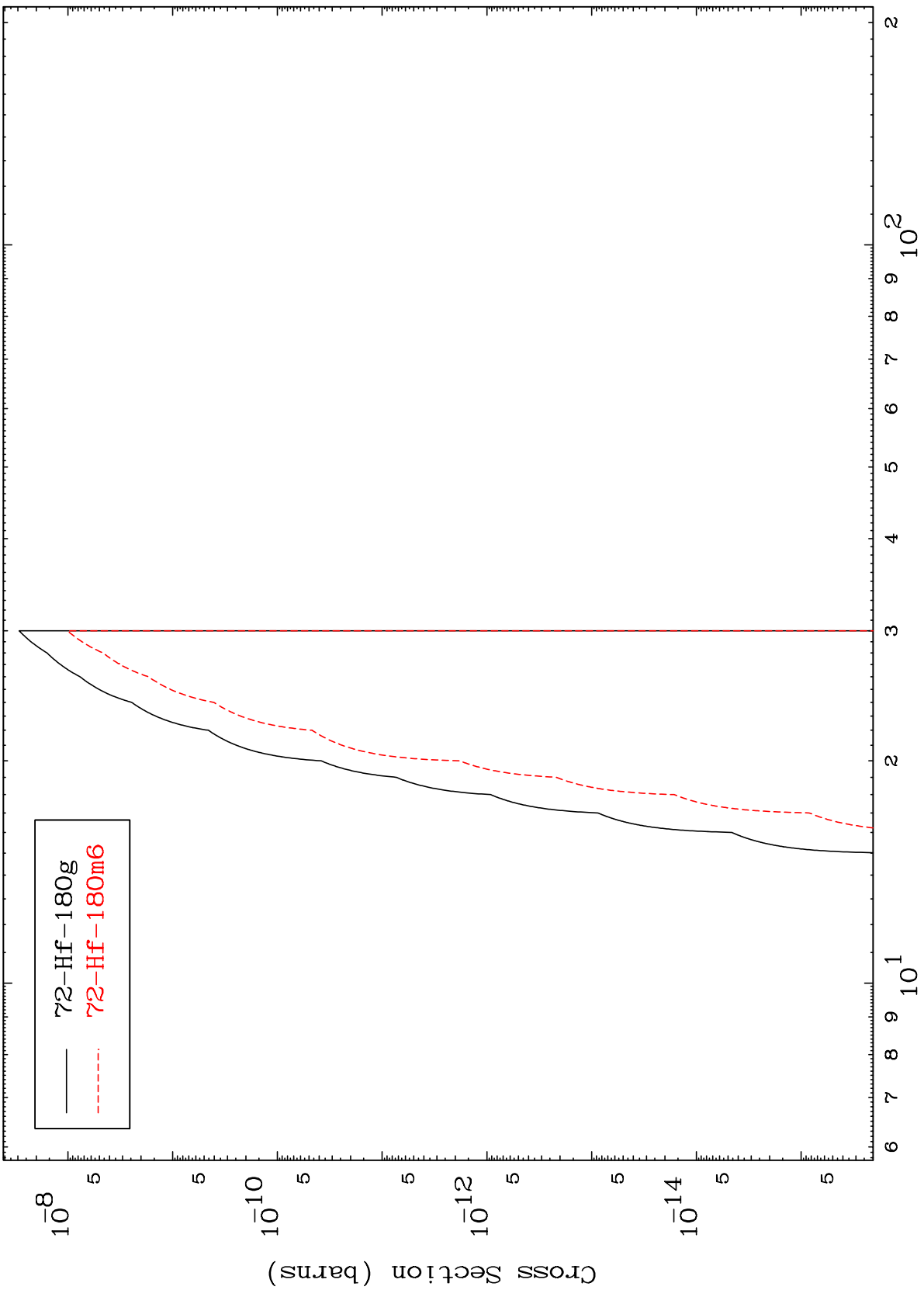
Incident Energy (MeV)

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(n,p) t

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



— 72-Hf-180g  
- - - 72-Hf-180m6

28

Incident Energy (MeV)

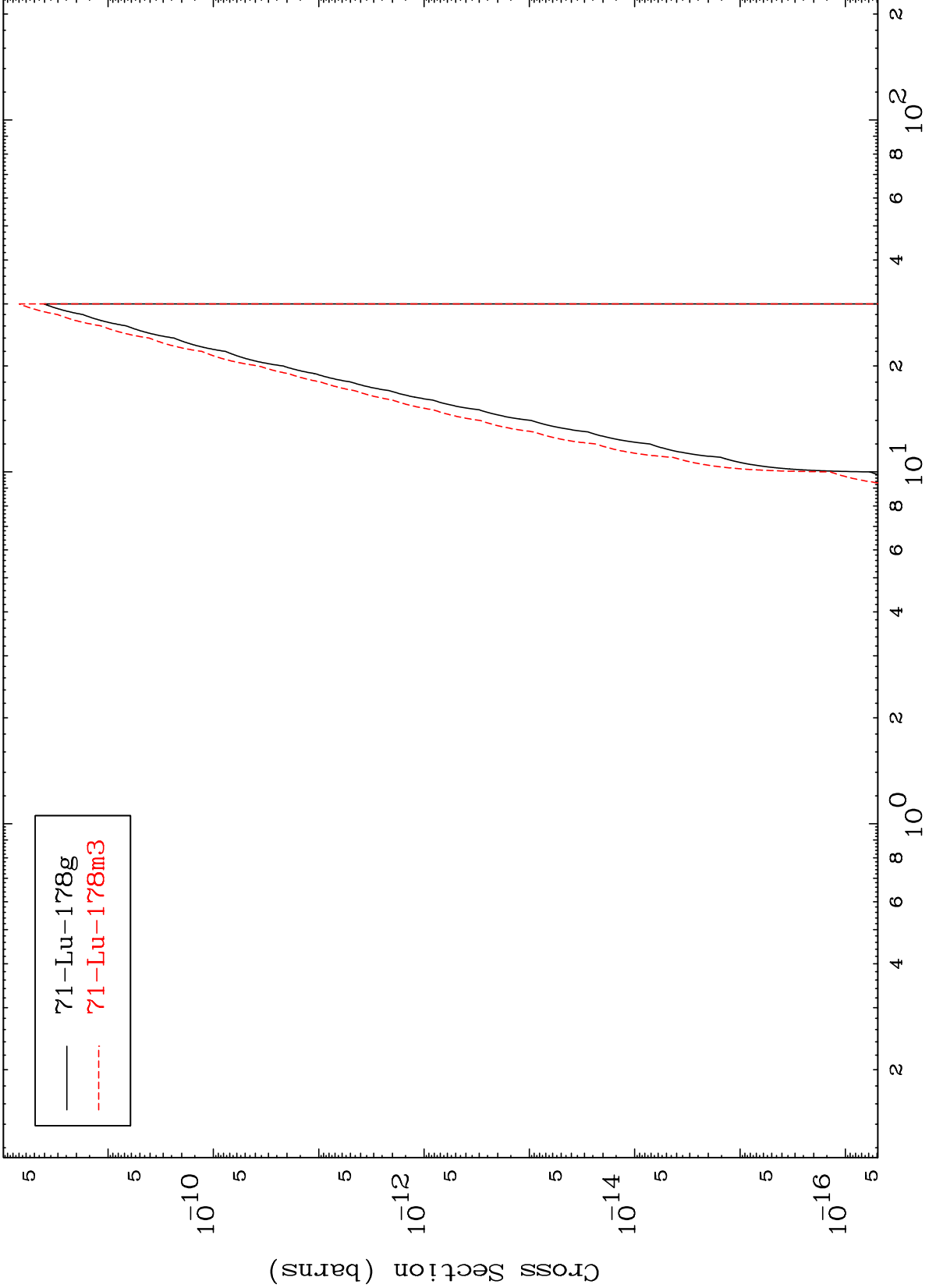
<sup>73</sup>Ta-181

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(n,d)  $\alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



—  $^{71}\text{Lu-178g}$   
- - -  $^{71}\text{Lu-178m3}$