

Program EVALPLOT  
(Version 2018-1)

by

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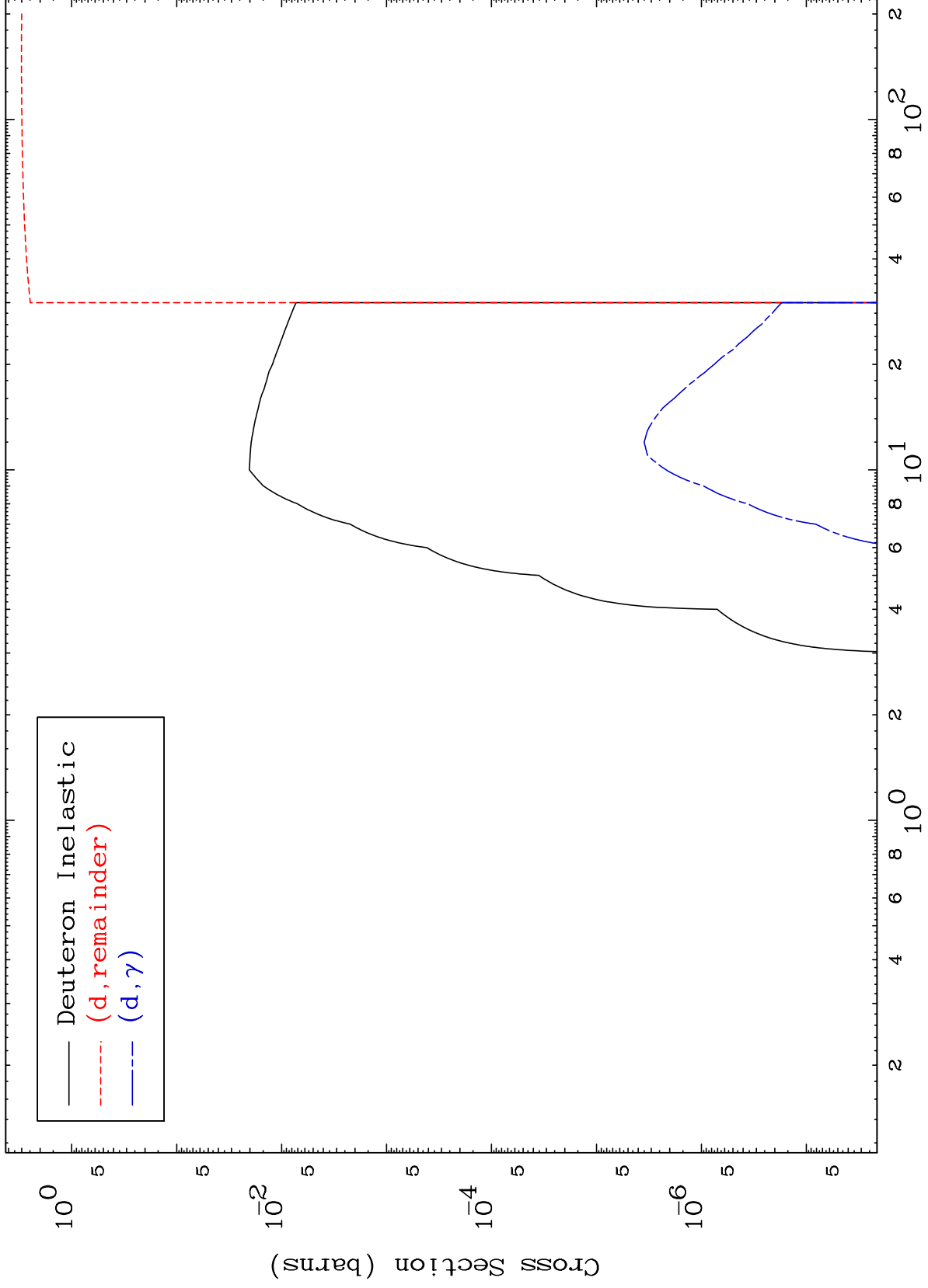
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7331

Deuteron Major  
0 Kelvin Cross Sections

73-Ta-182

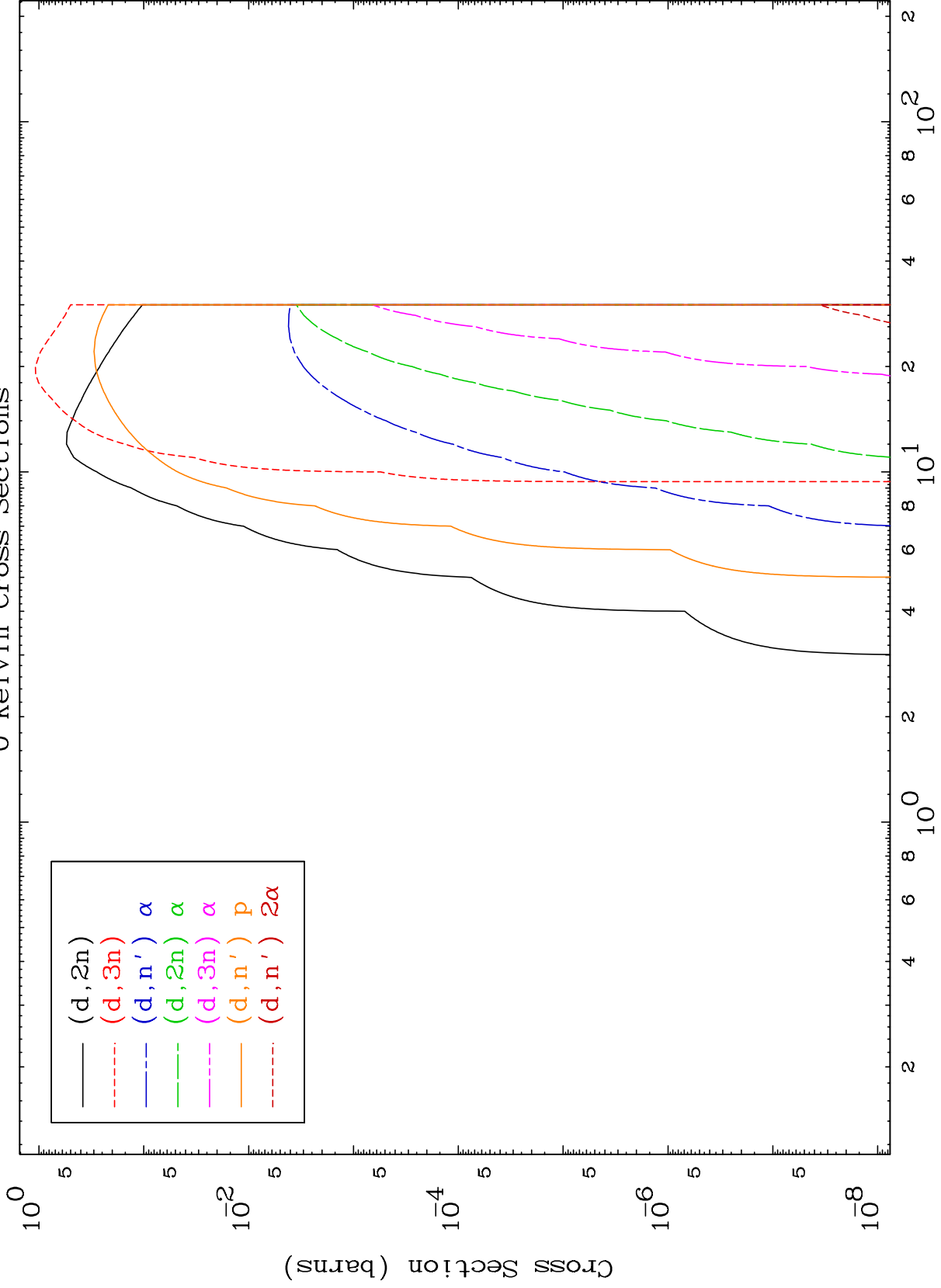


— Deuteron Inelastic  
- - - (d, remainder)  
- · - (d, γ)

MAT 7331

Deuteron Neutron Production  
0 Kelvin Cross Sections

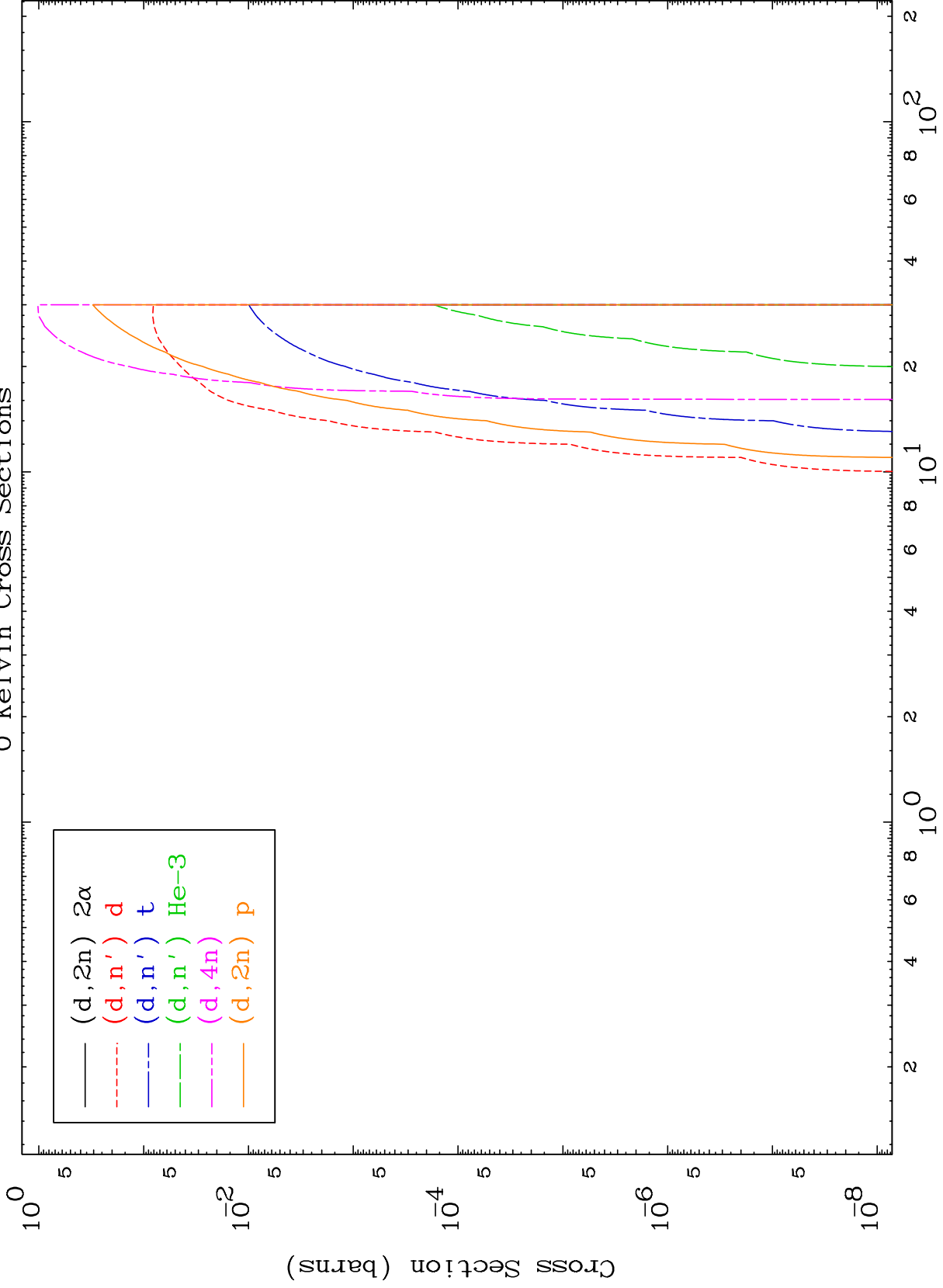
73-Ta-182



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Deuteron Neutron Production  
0 Kelvin Cross Sections

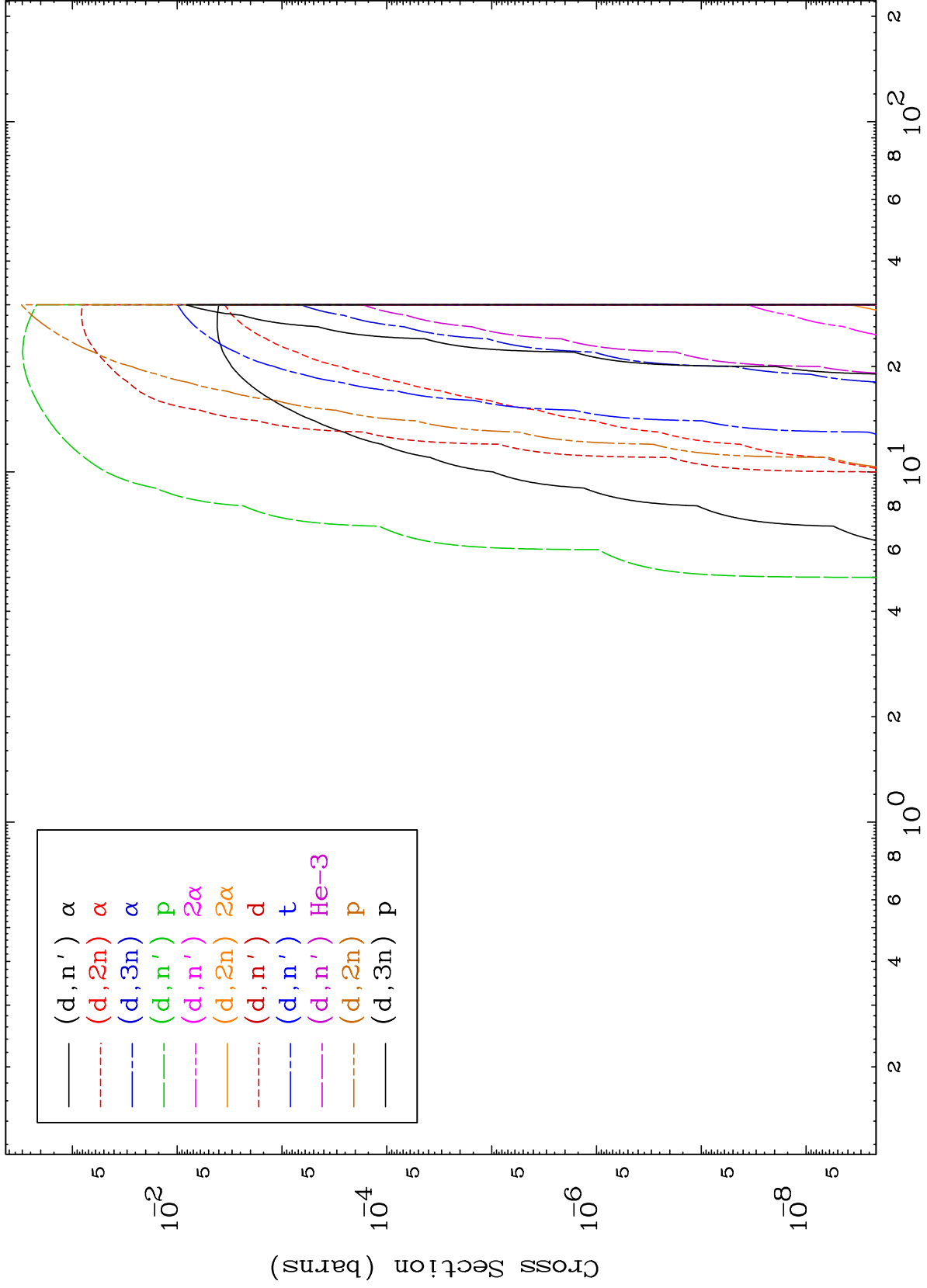
73-Ta-182

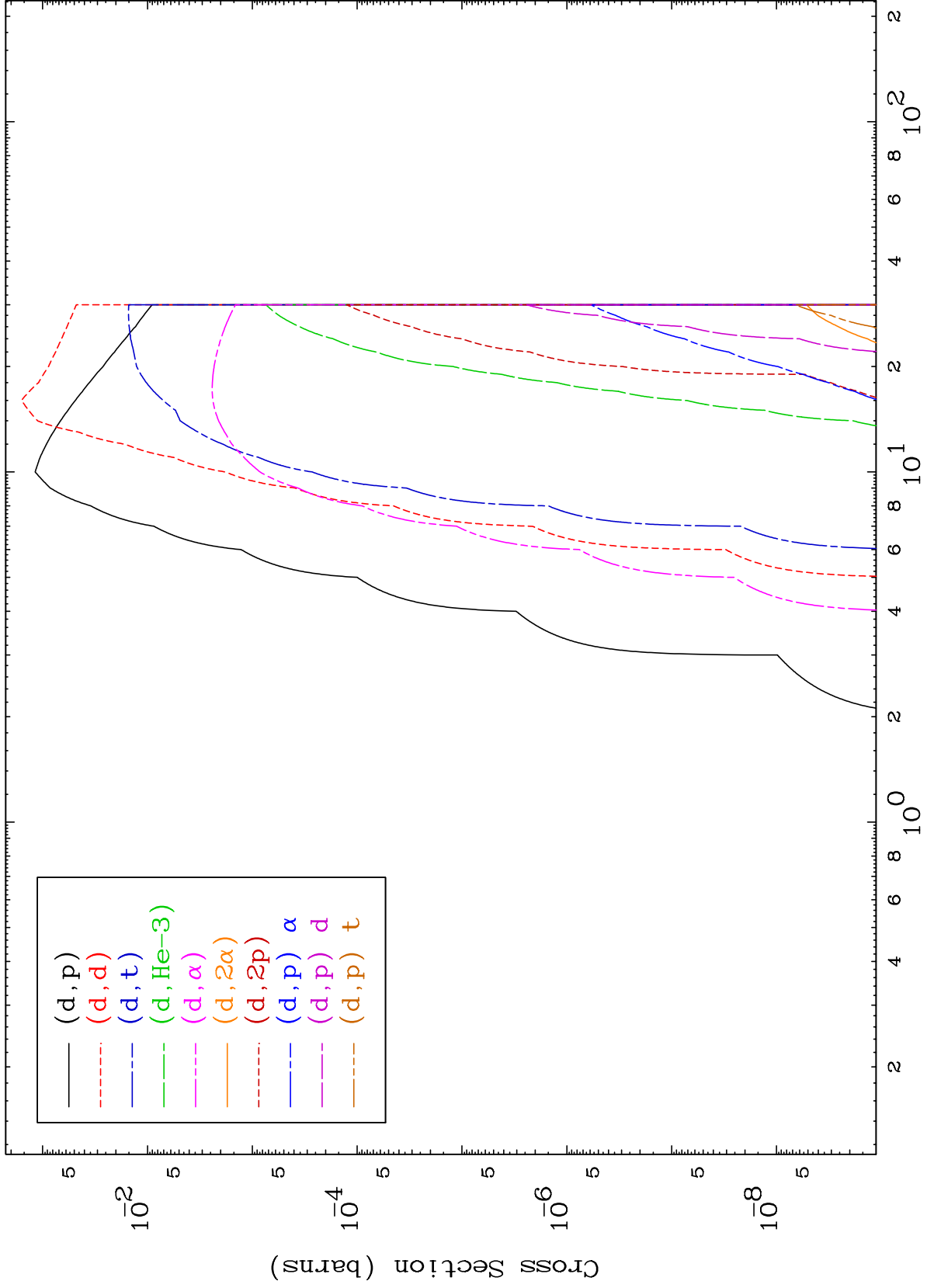


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Deuteron Charged Particle  
0 Kelvin Cross Sections

73-Ta-182



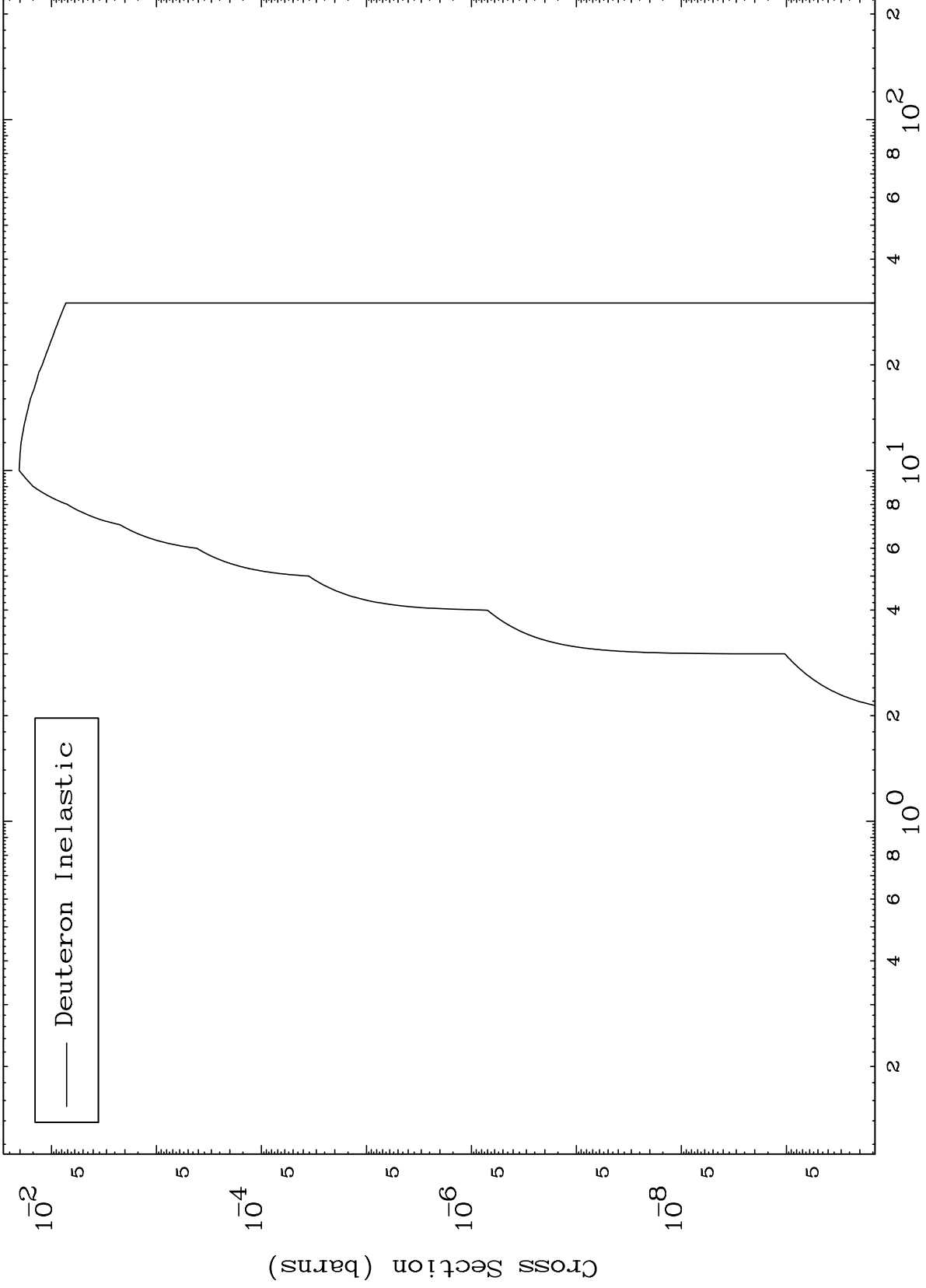


MAT 7331

(d,n') Level

73-Ta-182

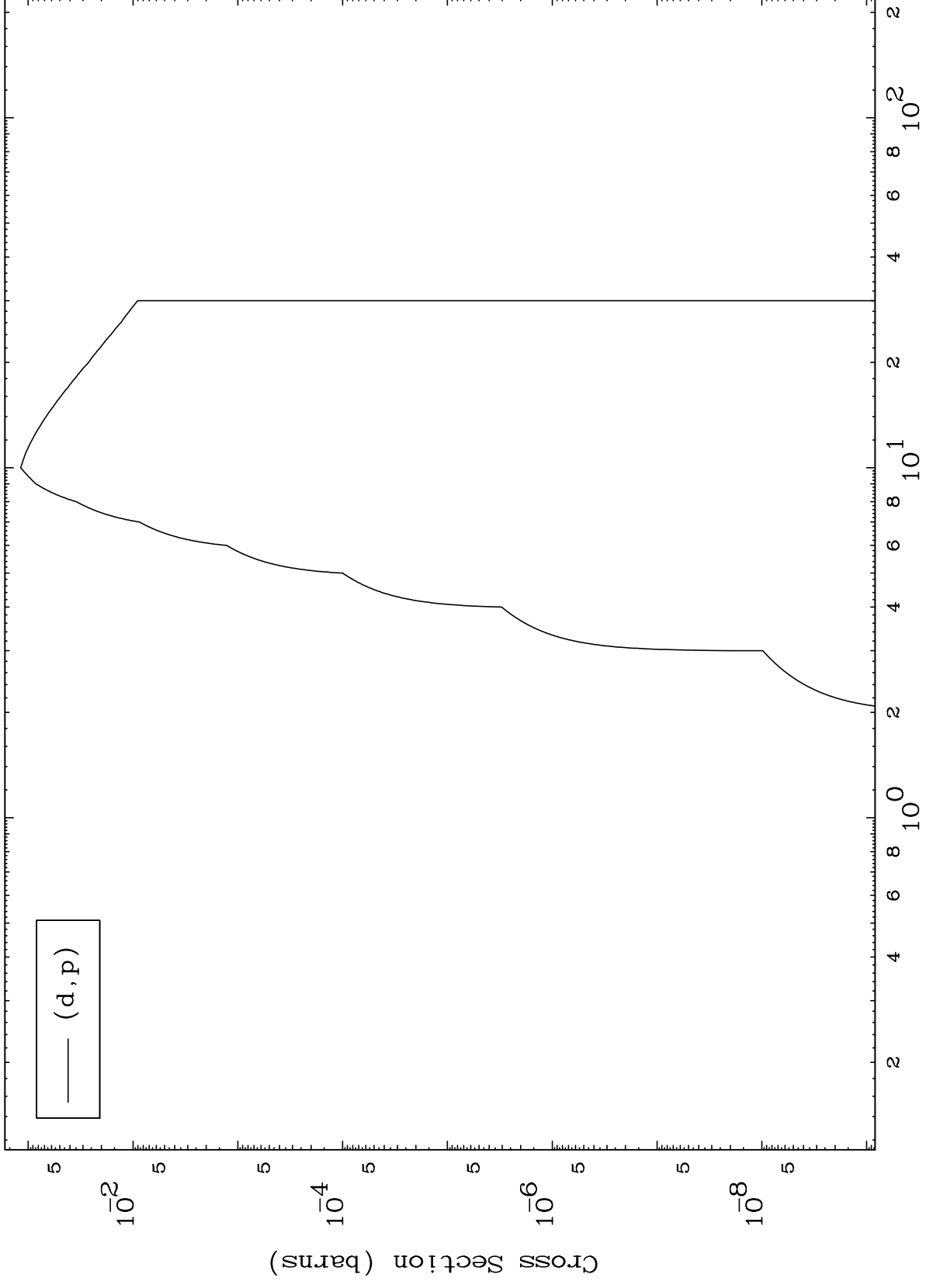
0 Kelvin Cross Sections



MAT 7331

(d,p) Levels  
0 Kelvin Cross Sections

73-Ta-182



7

Incident Energy (MeV)

73-Ta-182

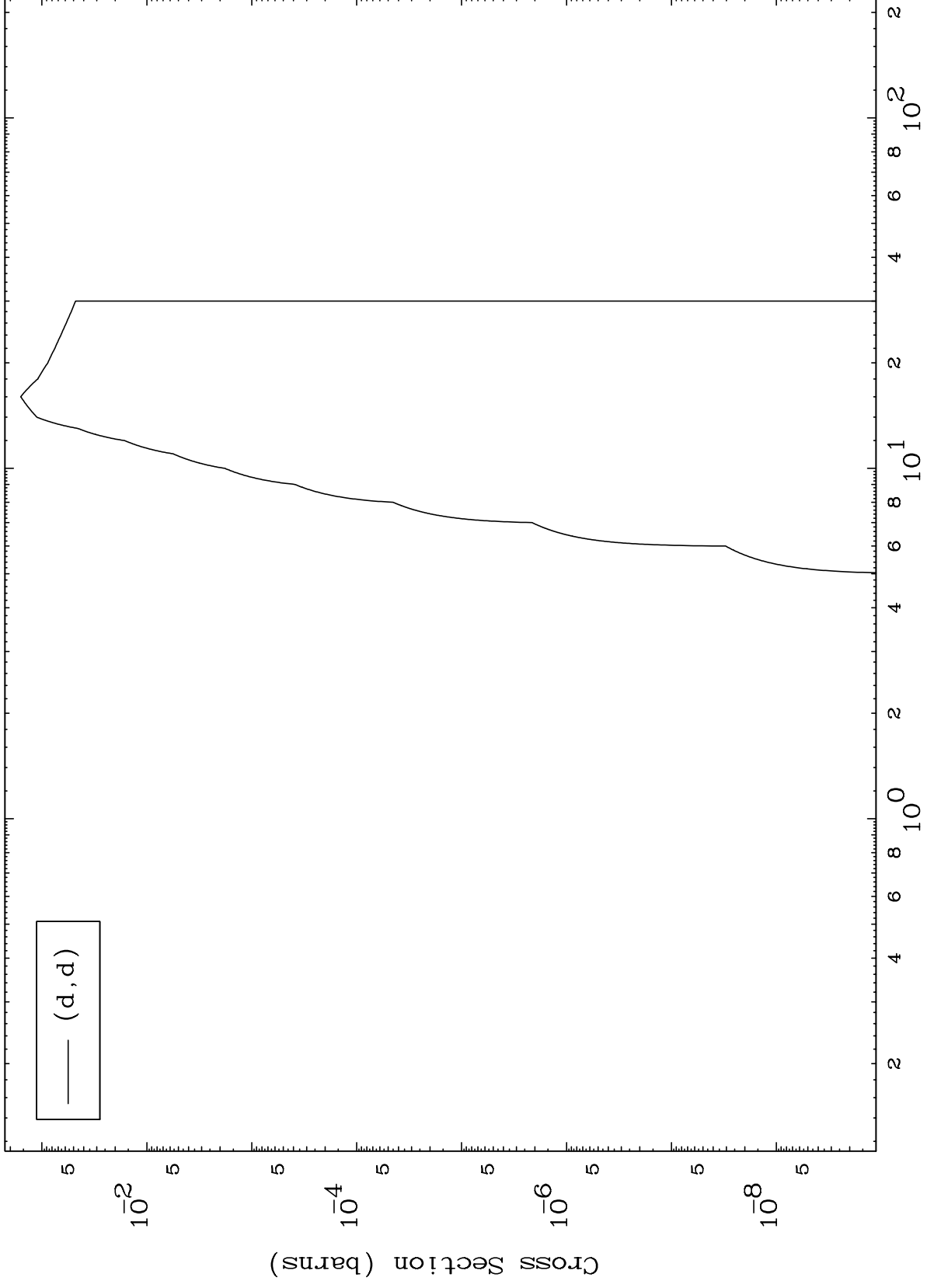


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(d,d) Levels

<sup>73</sup>Ta-182

0 Kelvin Cross Sections

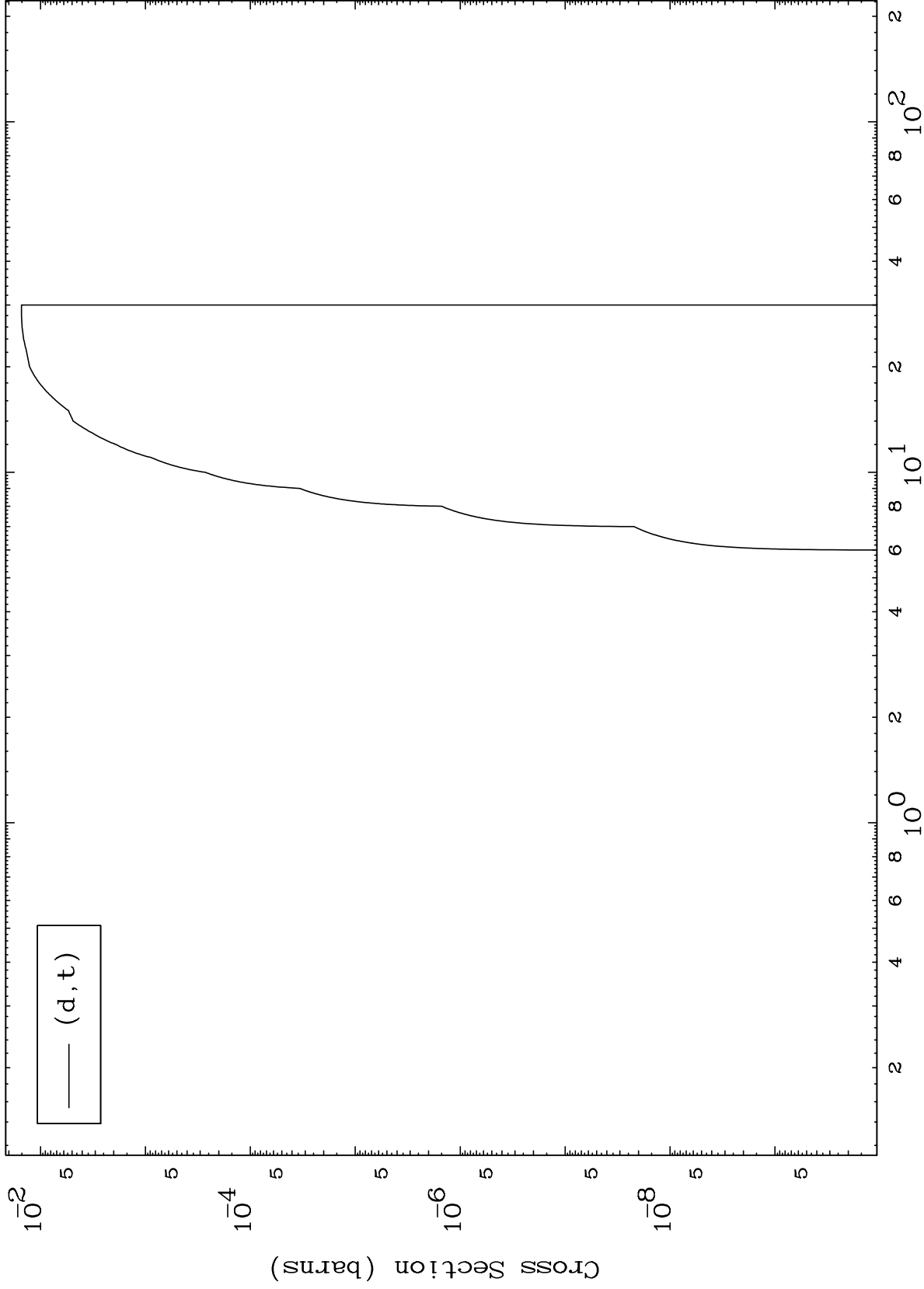


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73-Ta-182

(d,t) Levels

0 Kelvin Cross Sections

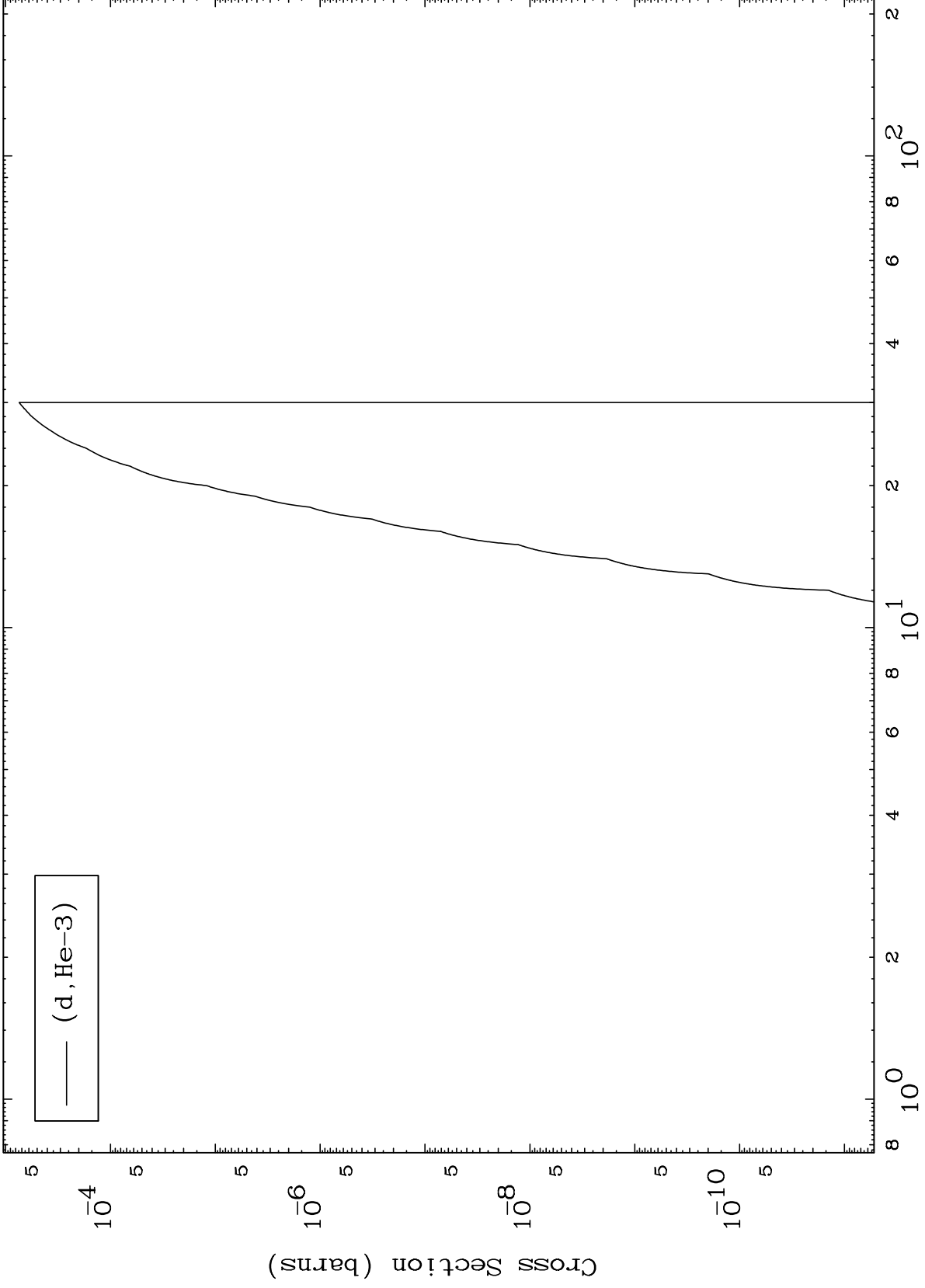


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(d,He3) Levels

73-Ta-182

0 Kelvin Cross Sections



10

Incident Energy (MeV)

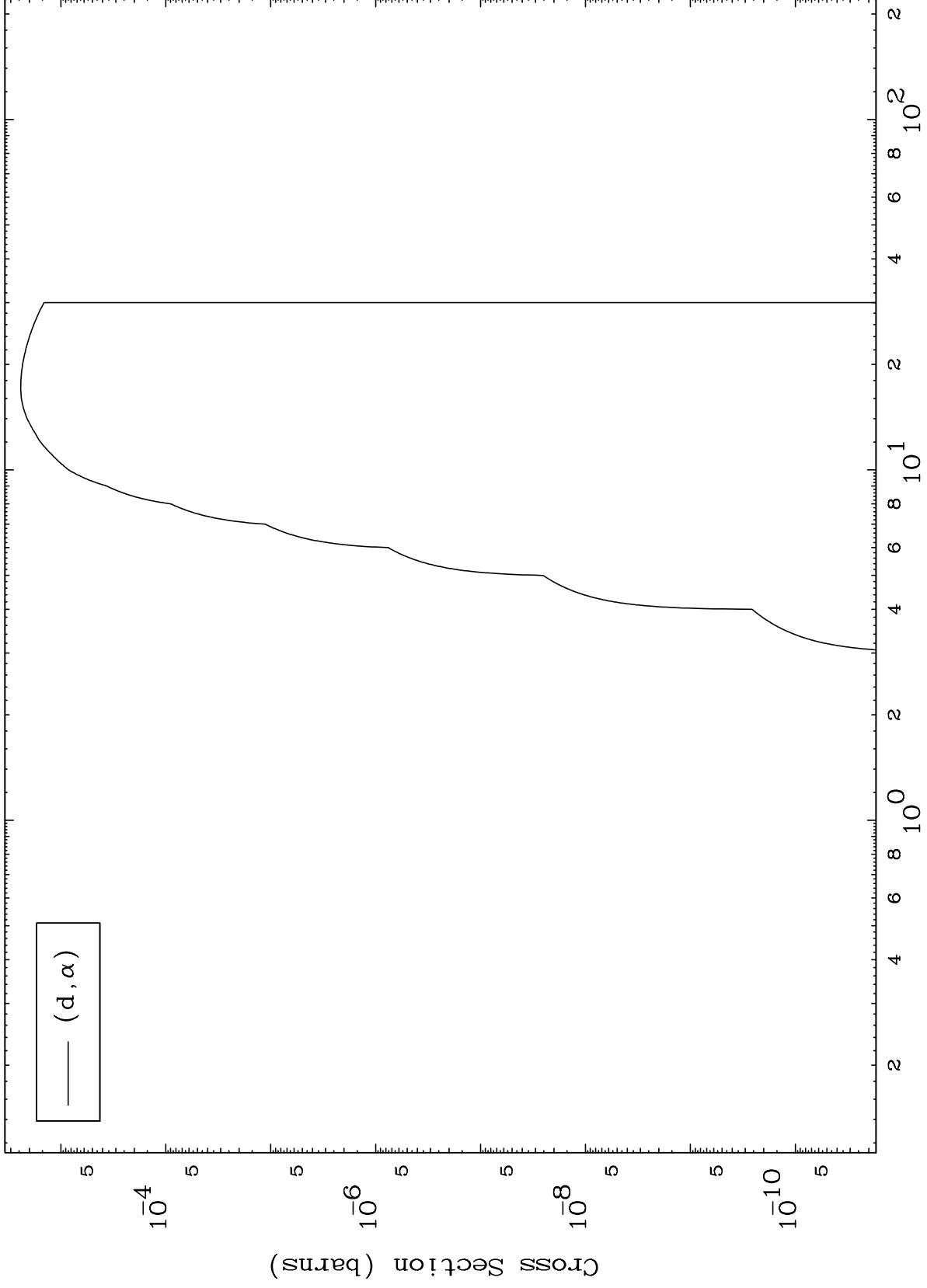
73-Ta-182

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(d,  $\alpha$ ) Levels

<sup>73</sup>Ta-182

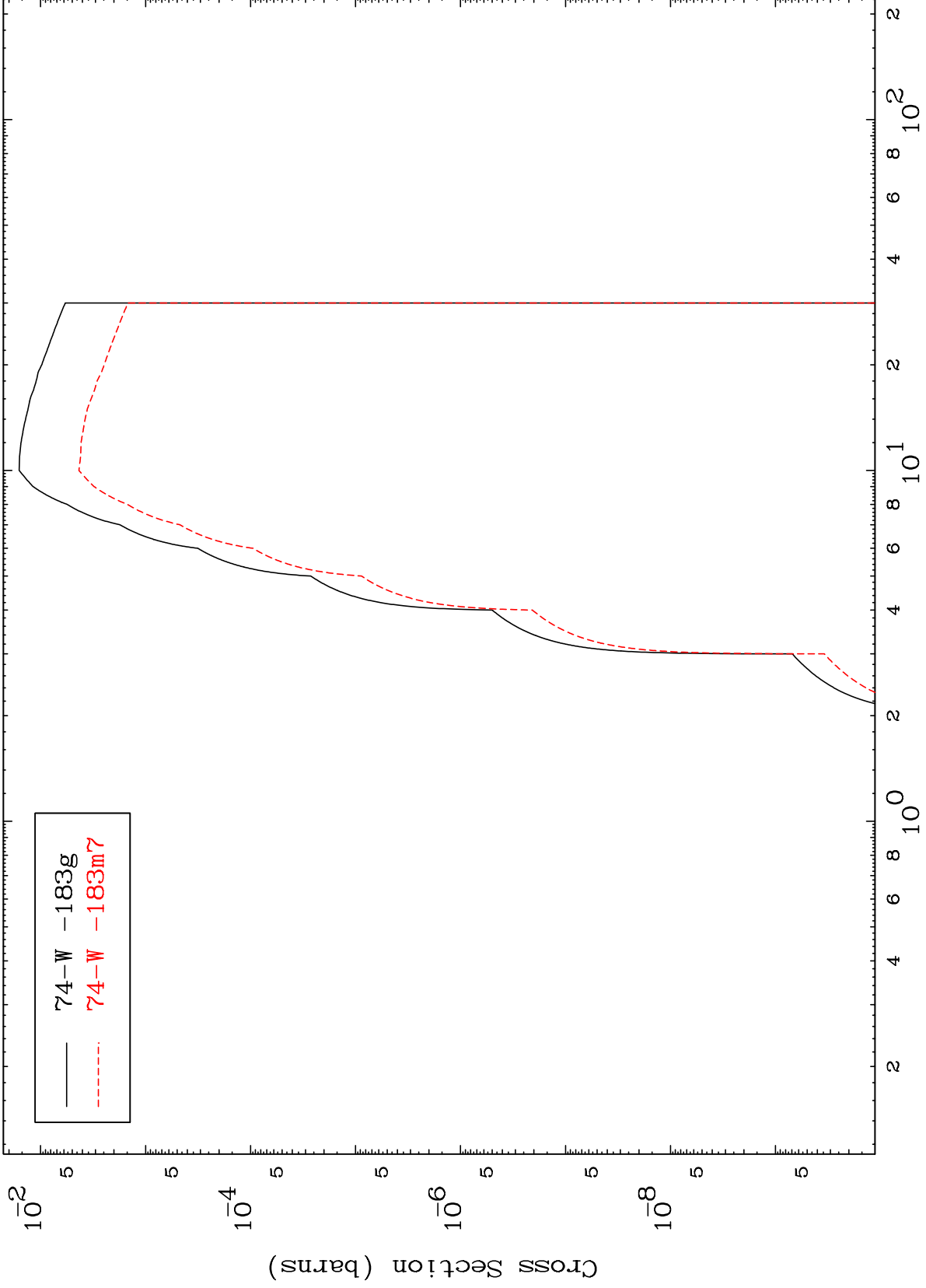
0 Kelvin Cross Sections



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Deuteron Inelastic  
Radionuclide Production Cross Section

<sup>73</sup>Ta-182



12

Incident Energy (MeV)

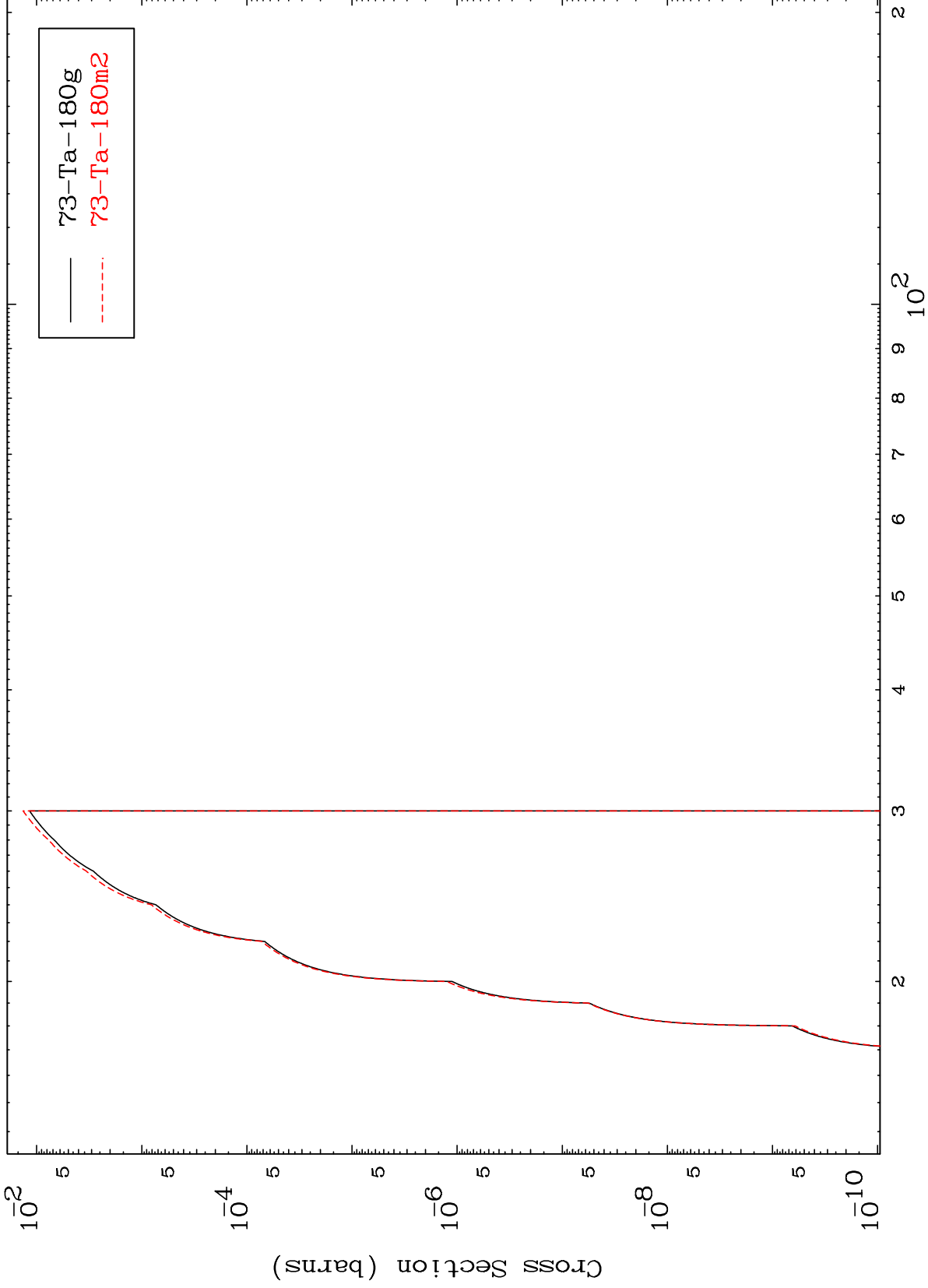
<sup>73</sup>Ta-182

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(d,2n) d

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



13

Incident Energy (MeV)

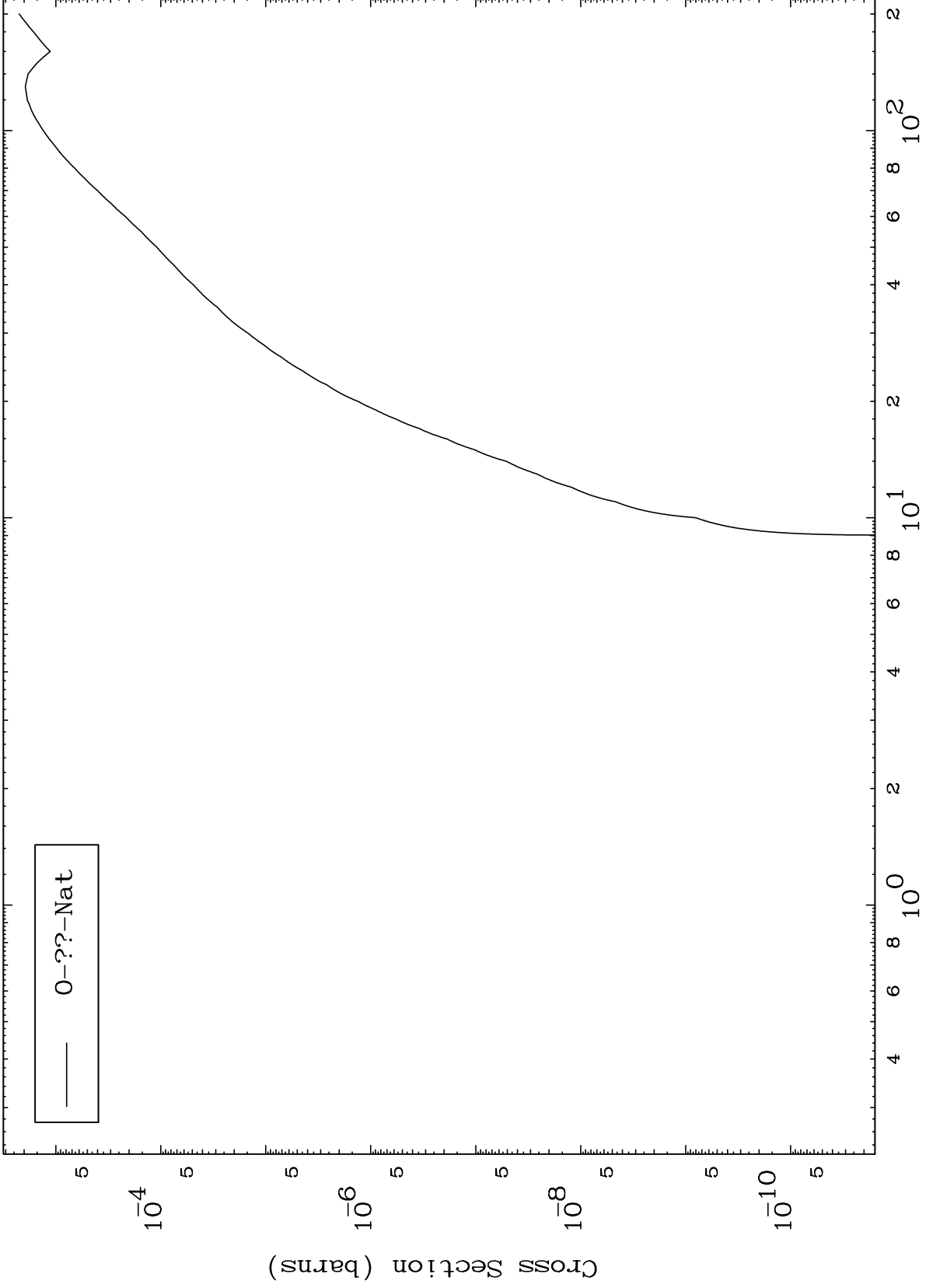
<sup>73</sup>Ta-182

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Deuteron Fission

<sup>73</sup>Ta-182

Radionuclide Production Cross Section

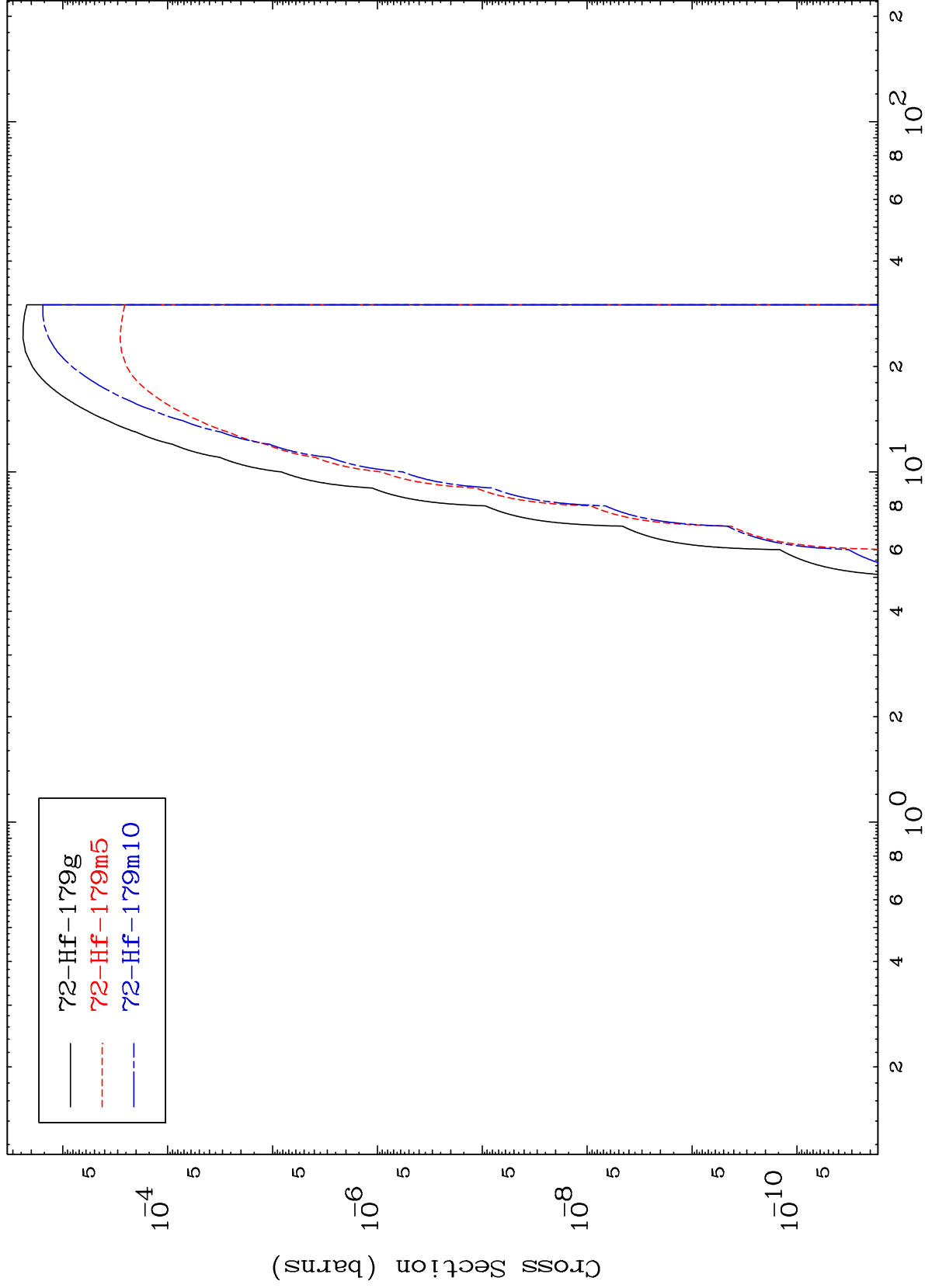


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$^{73}\text{Ta-182}$

$(d, n')$   $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{73}\text{Ta-182}$

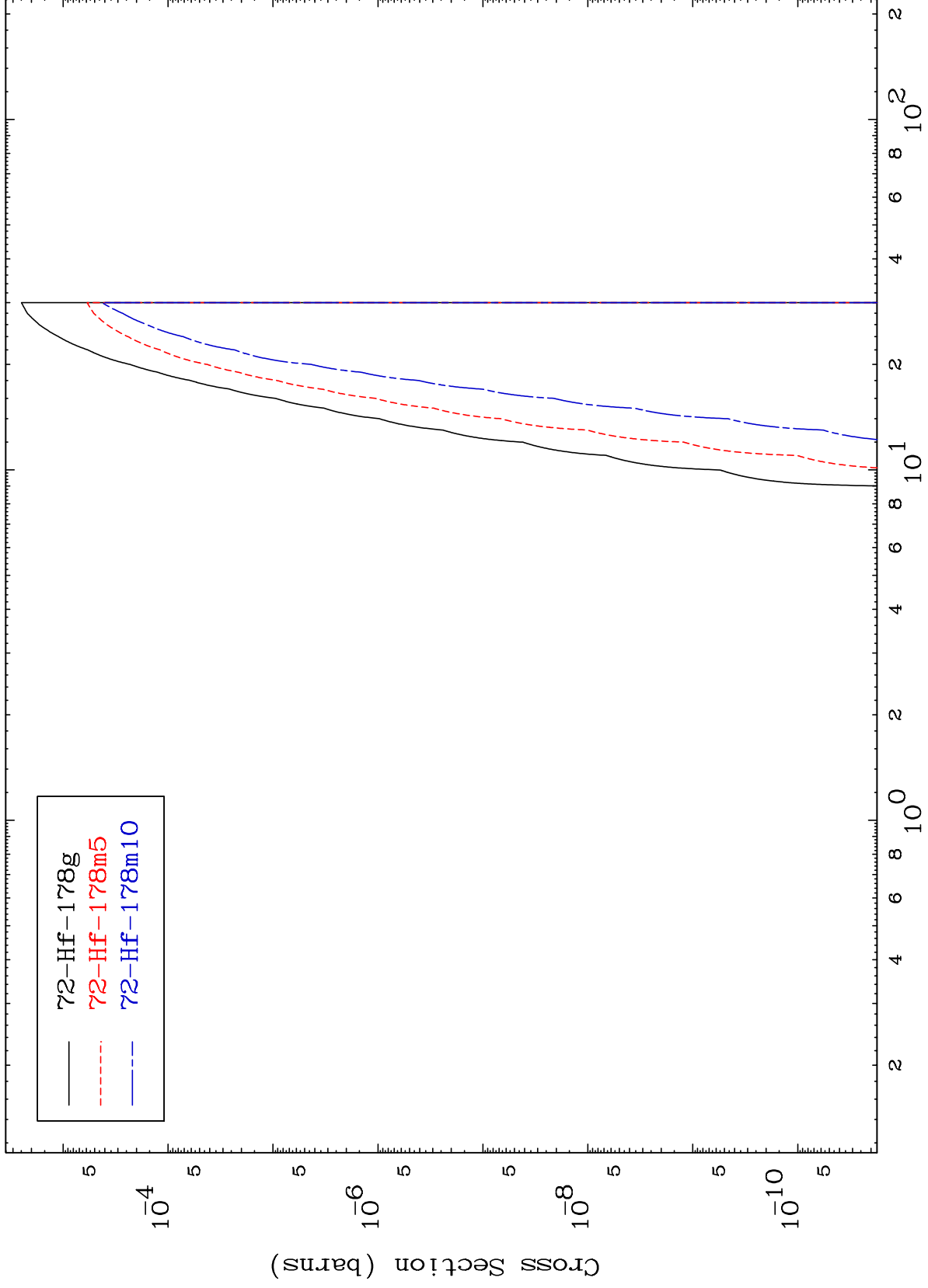


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(d,2n)  $\alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

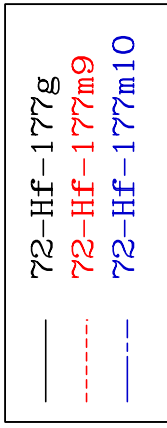
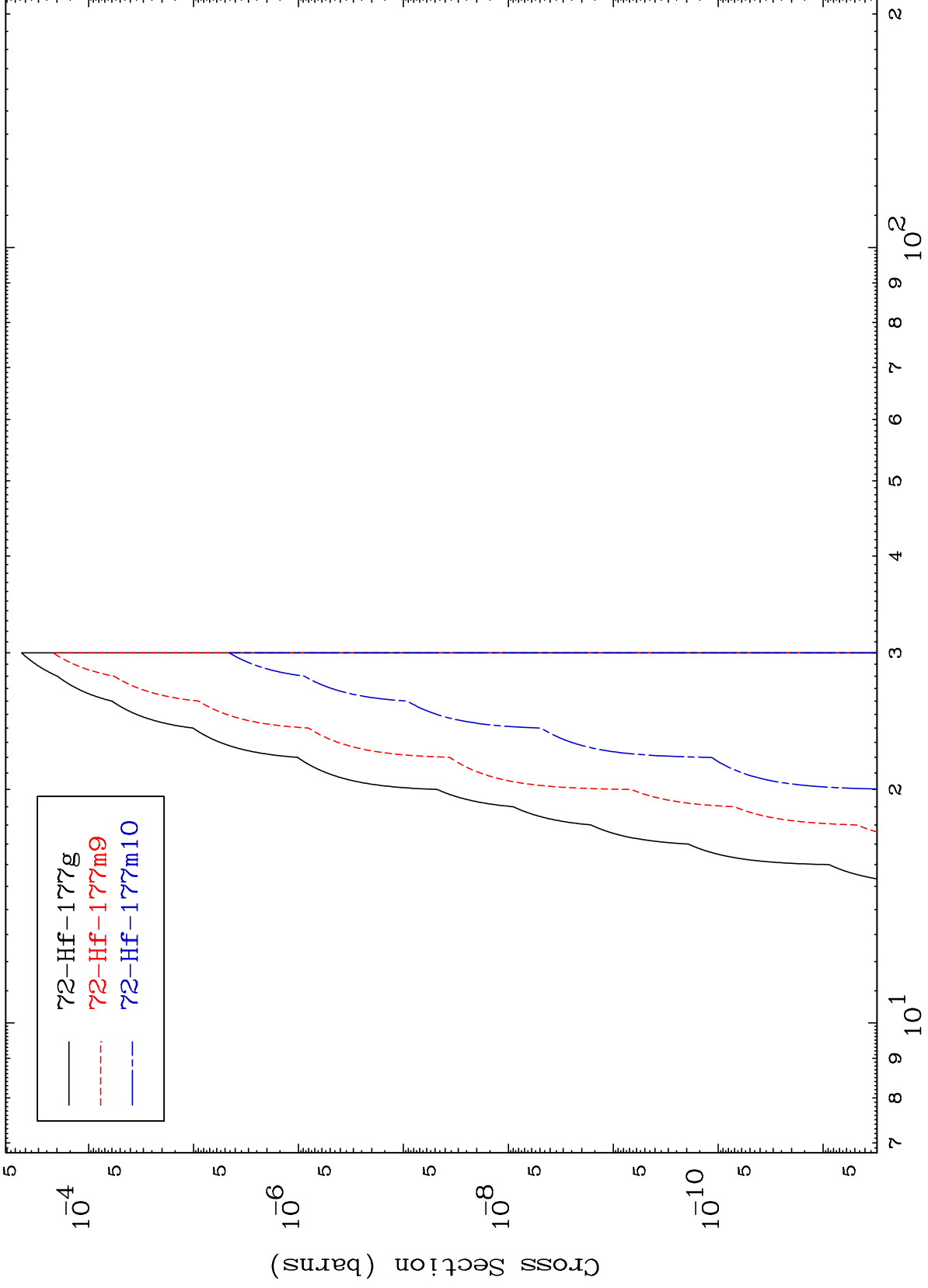
$^{73}\text{Ta-182}$

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(d,3n)  $\alpha$

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



17

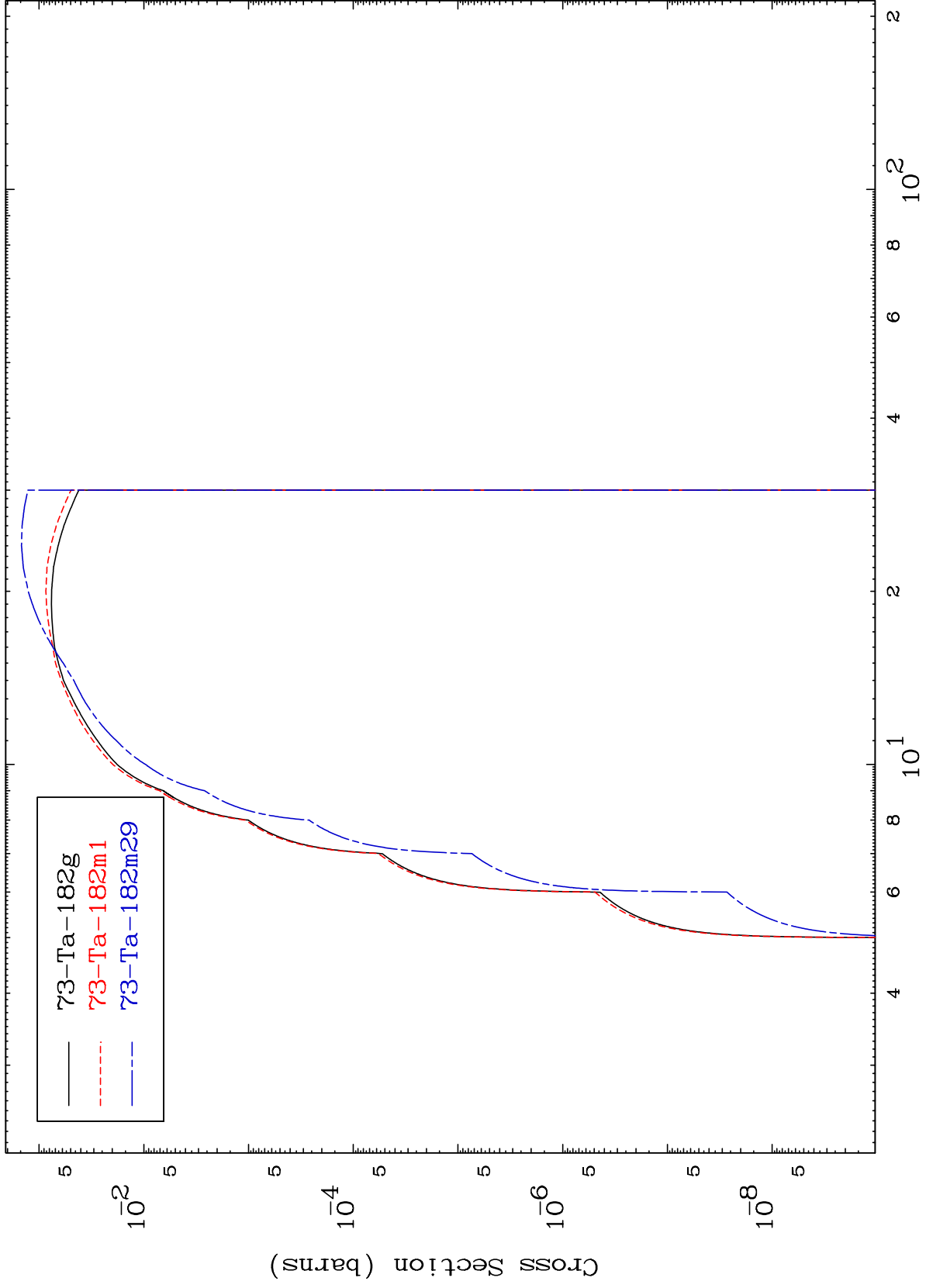
Incident Energy (MeV)

<sup>73</sup>Ta-182

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<sup>73</sup>Ta-182

(d,n') p  
Radionuclide Production Cross Section



18

<sup>73</sup>Ta-182

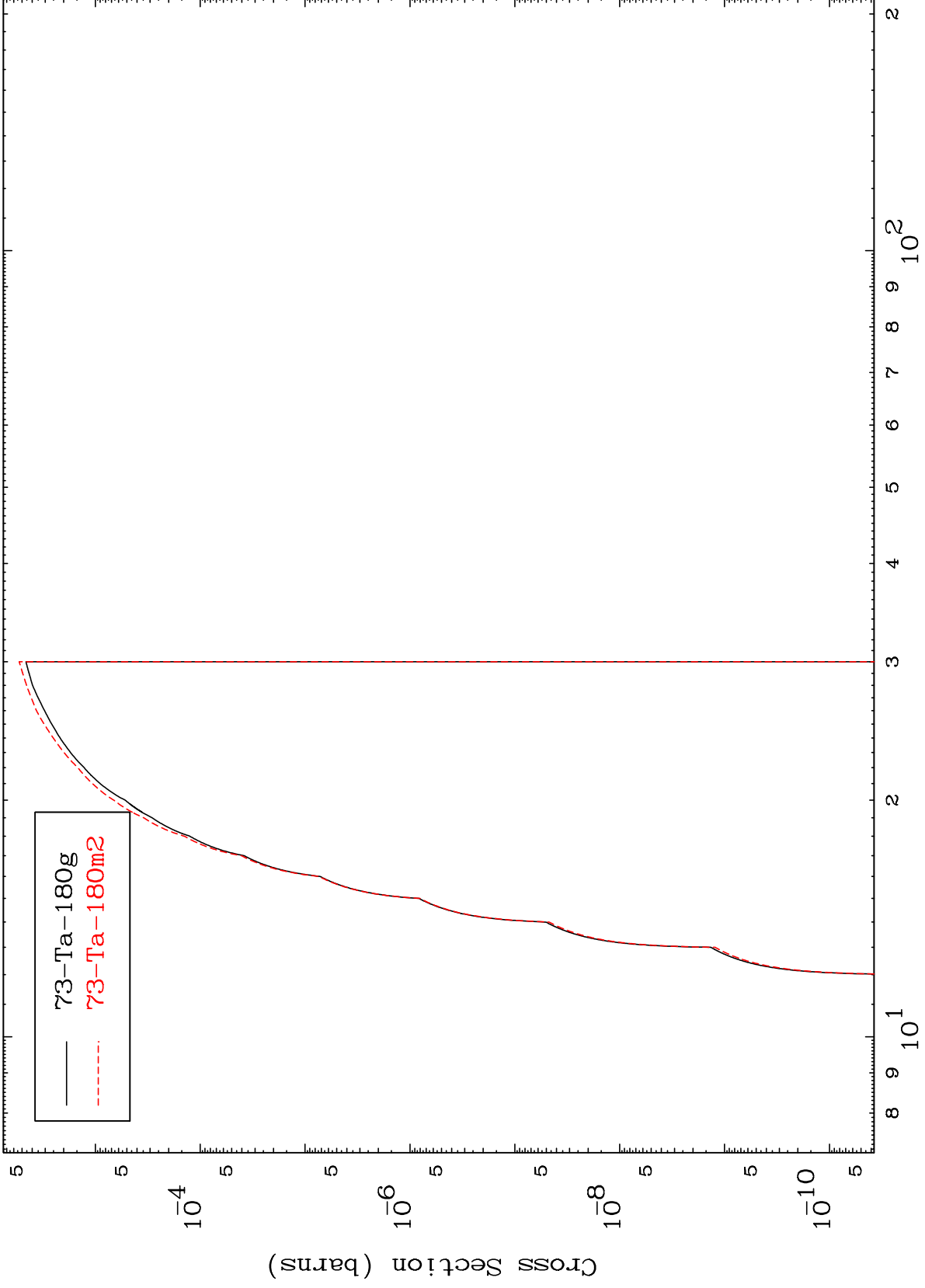
Incident Energy (MeV)

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(d,n') t

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



19

Incident Energy (MeV)

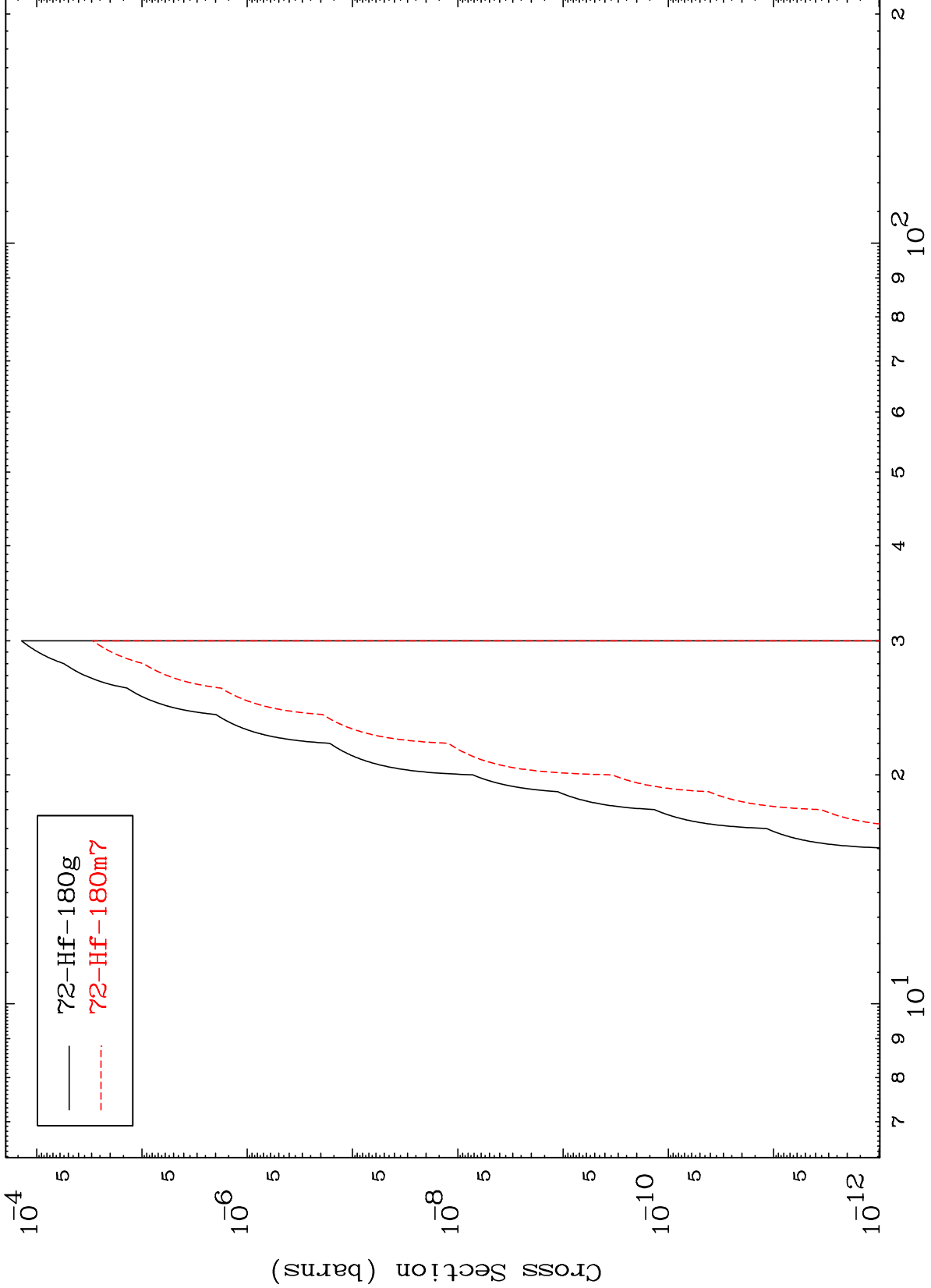
<sup>73</sup>Ta-182

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(d,n') He-3

73-Ta-182

Radionuclide Production Cross Section



72-Hf-180g  
72-Hf-180m7

20

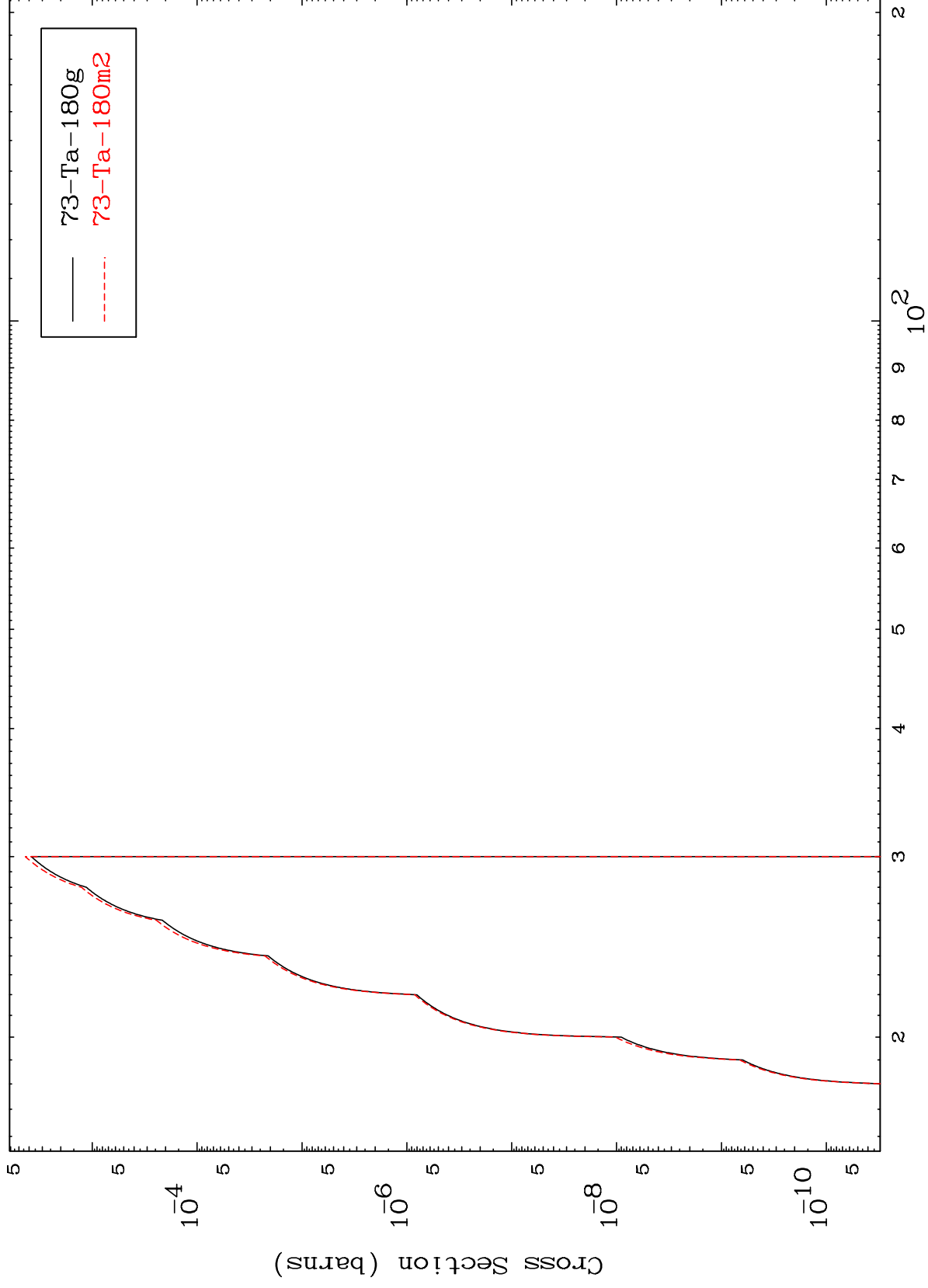
Incident Energy (MeV)

73-Ta-182

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<sup>73</sup>Ta-182

(d,3n) p  
Radionuclide Production Cross Section



21

<sup>73</sup>Ta-182

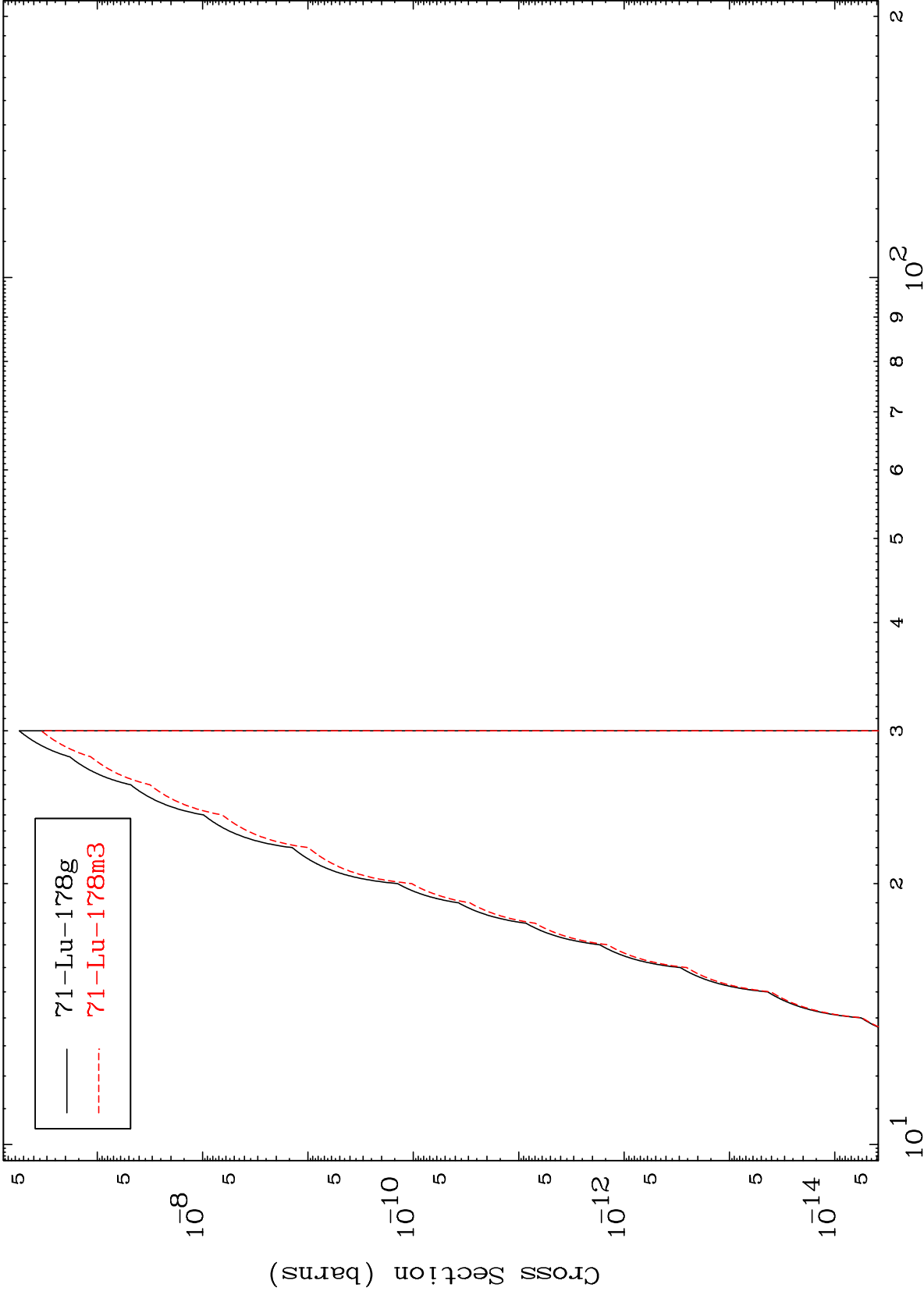
Incident Energy (MeV)

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(d,n') p  $\alpha$

73-Ta-182

Radionuclide Production Cross Section



Incident Energy (MeV)

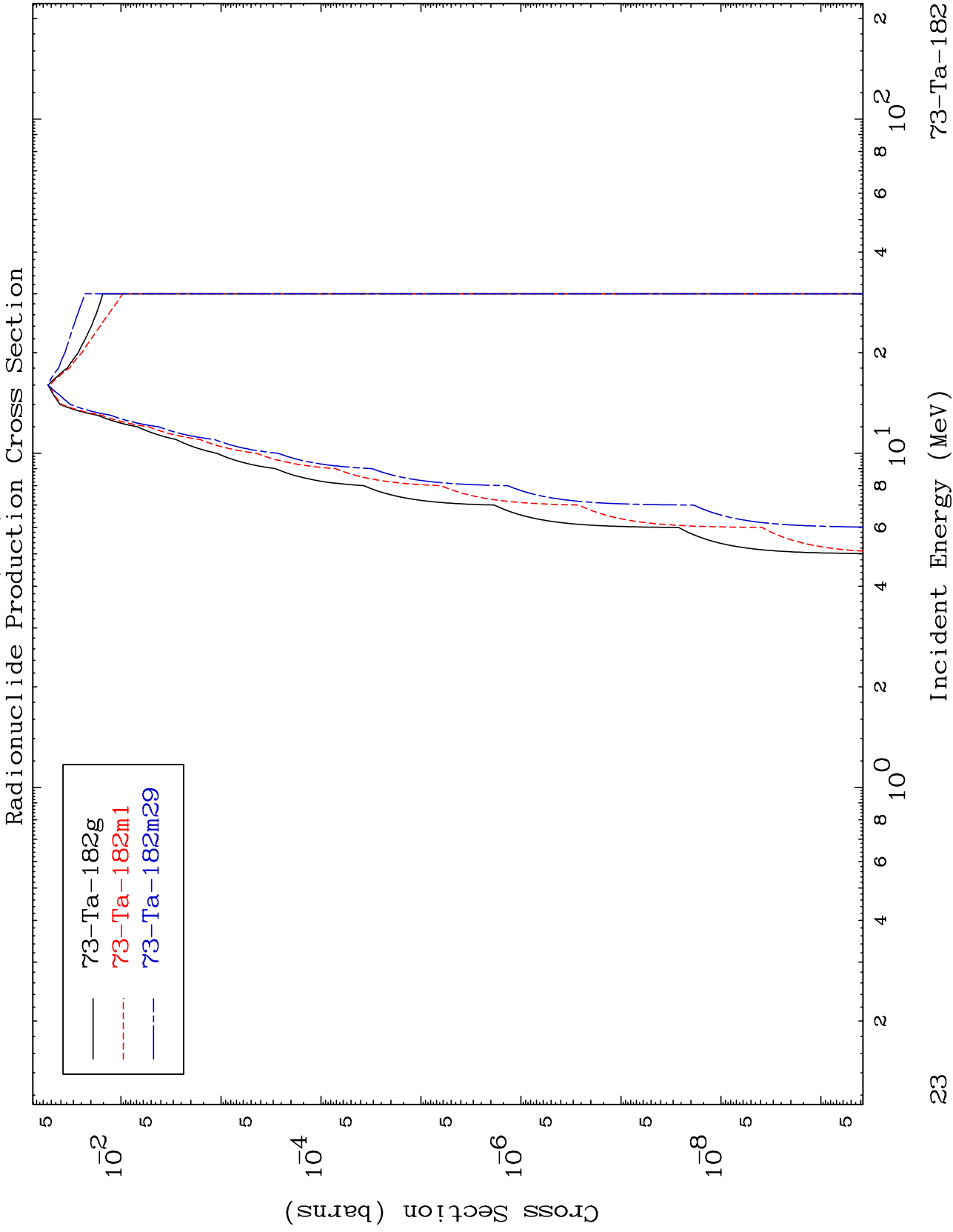
73-Ta-182

22

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(d, d)

<sup>73</sup>Ta-<sup>182</sup>

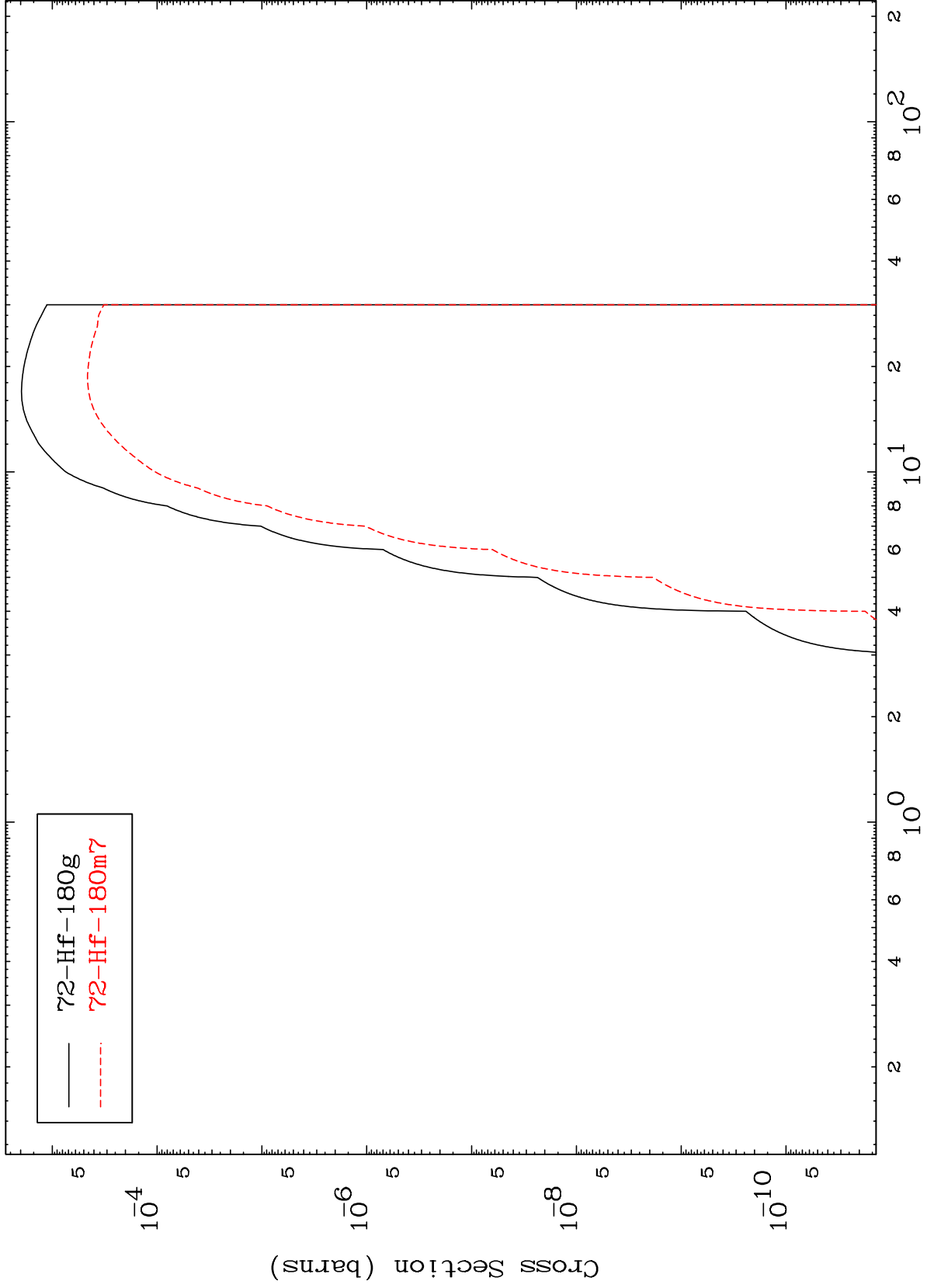




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73-Ta-182

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



24

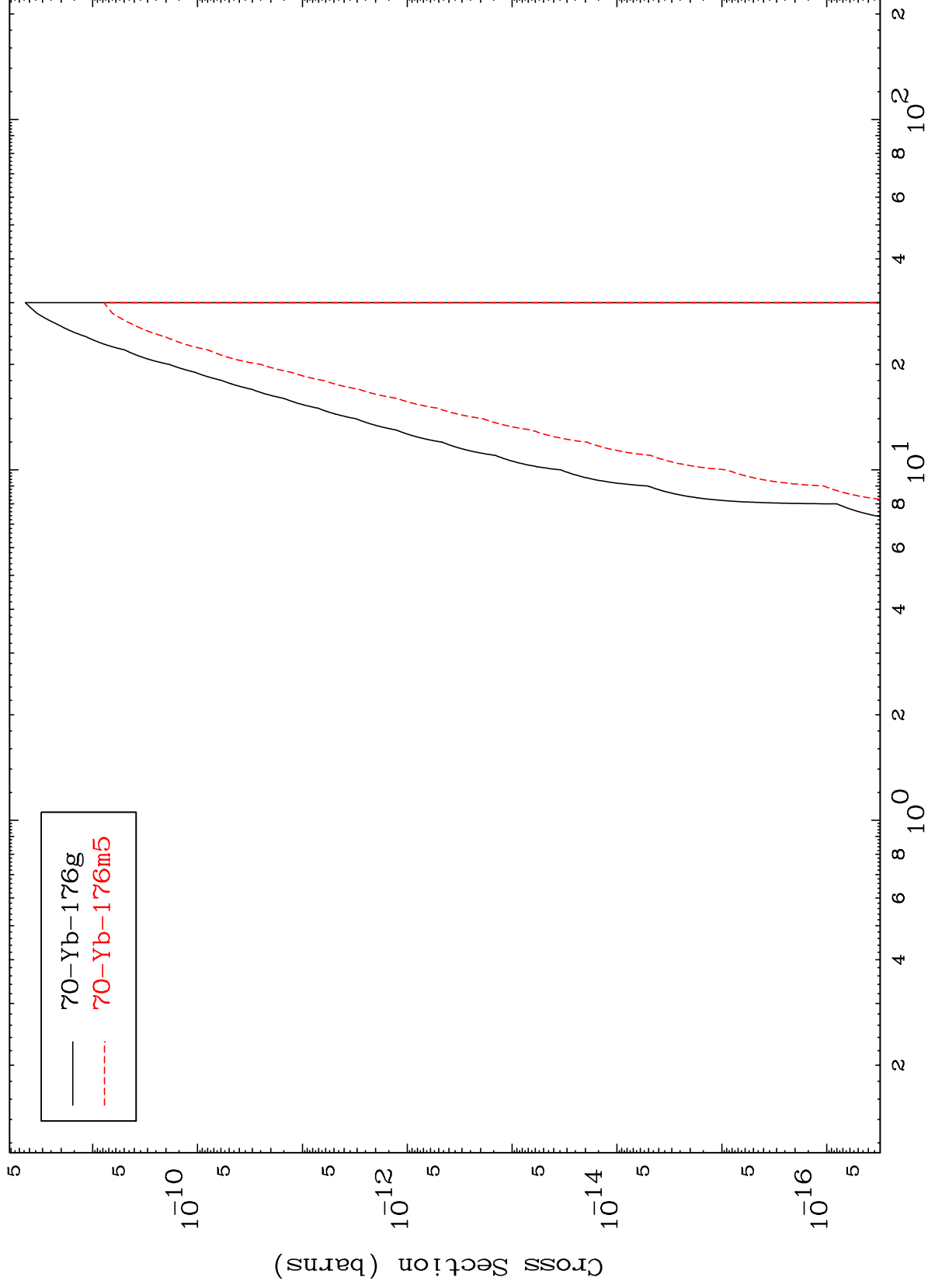
73-Ta-182

Incident Energy (MeV)

MAT 7331

73-Ta-182

Radionuclide Production Cross Section



25

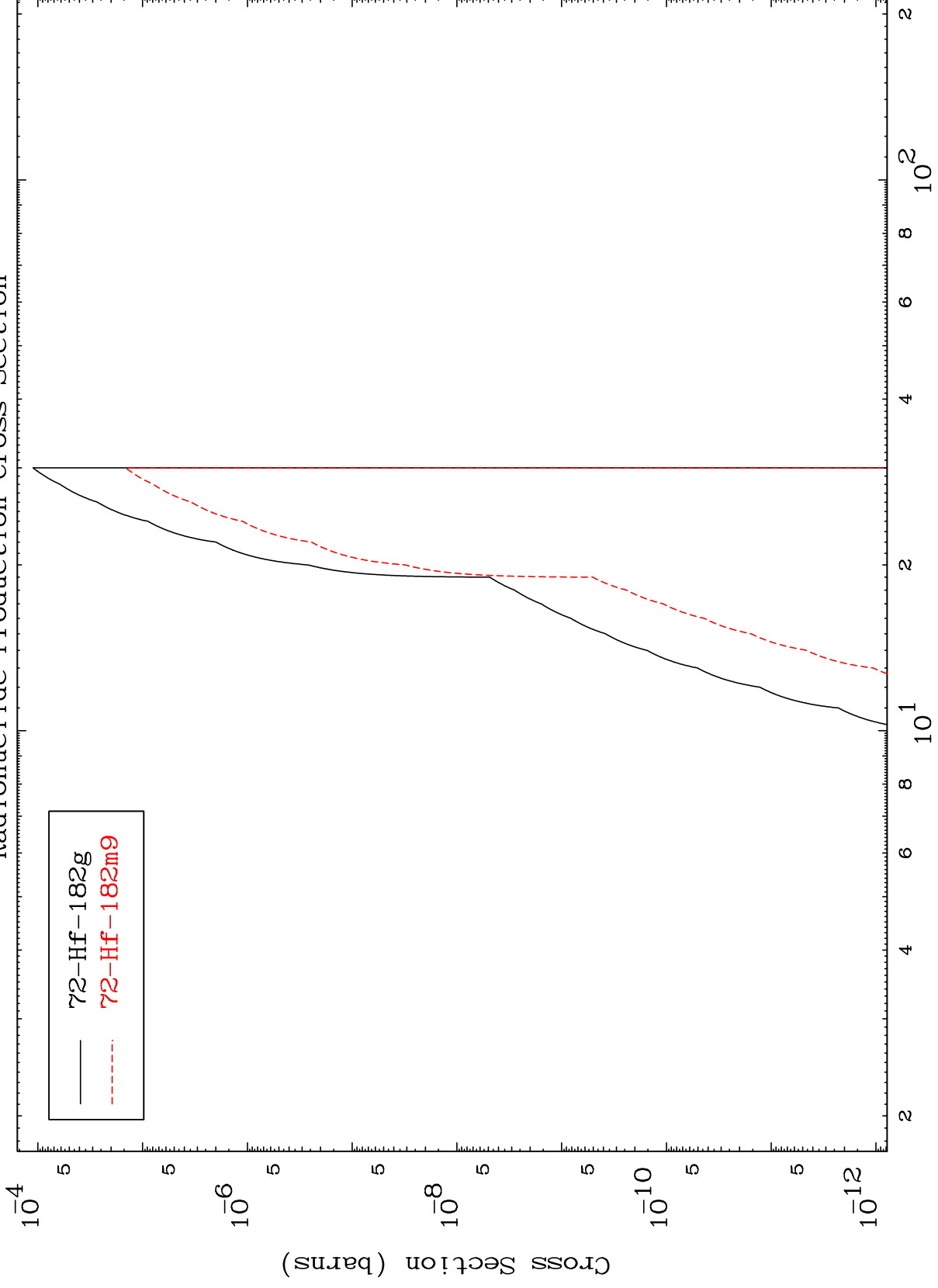
73-Ta-182

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(d,2p)

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



26

Incident Energy (MeV)

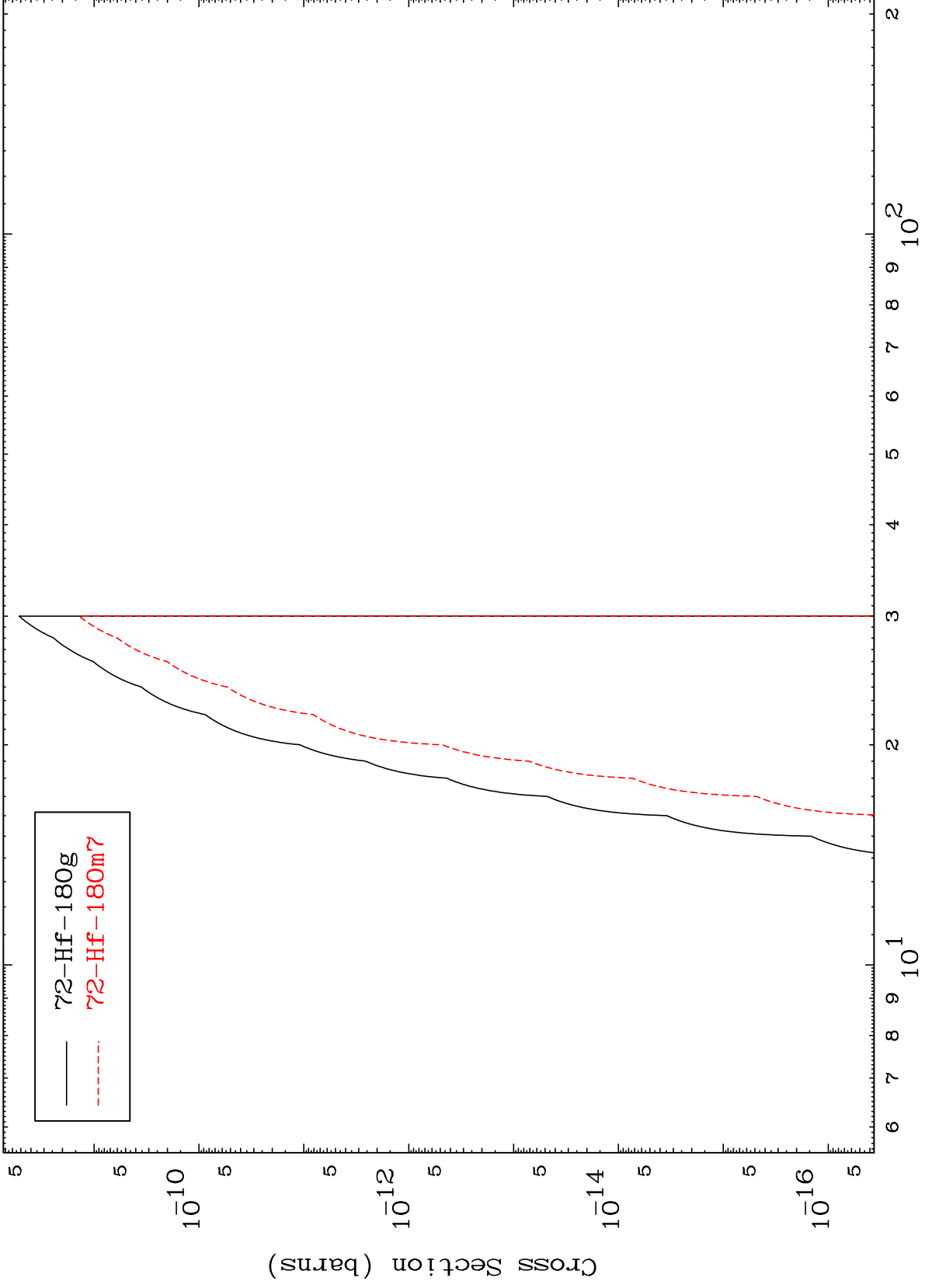
<sup>73</sup>Ta-182

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(d,p) t

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



27

Incident Energy (MeV)

<sup>73</sup>Ta-182

MAT 7331

(d,d)  $\alpha$

$^{73}\text{Ta-182}$

