

Program EVALPLOT  
(Version 2018-1)

by

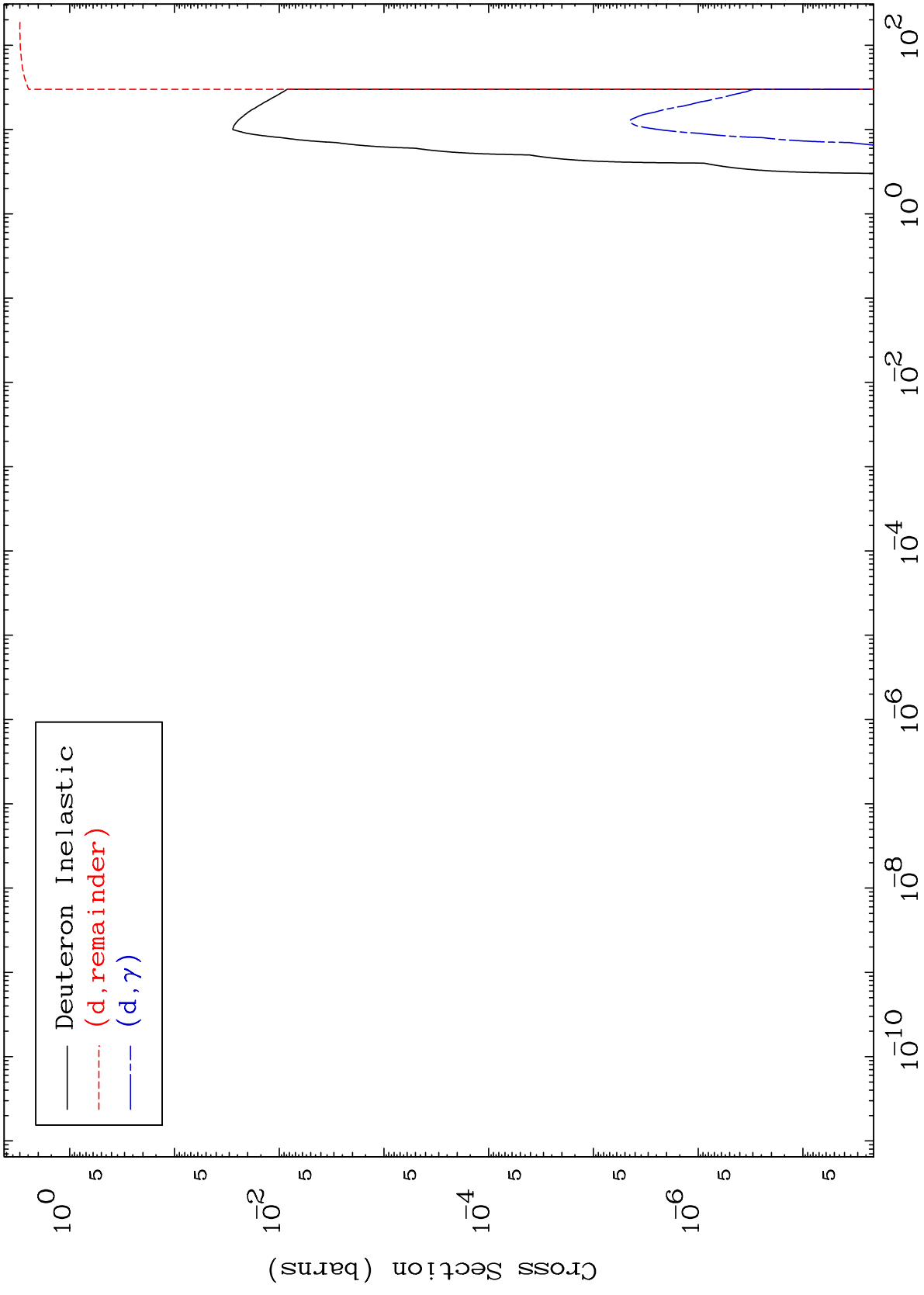
Dermott E. Cullen  
(Present Contact Information)

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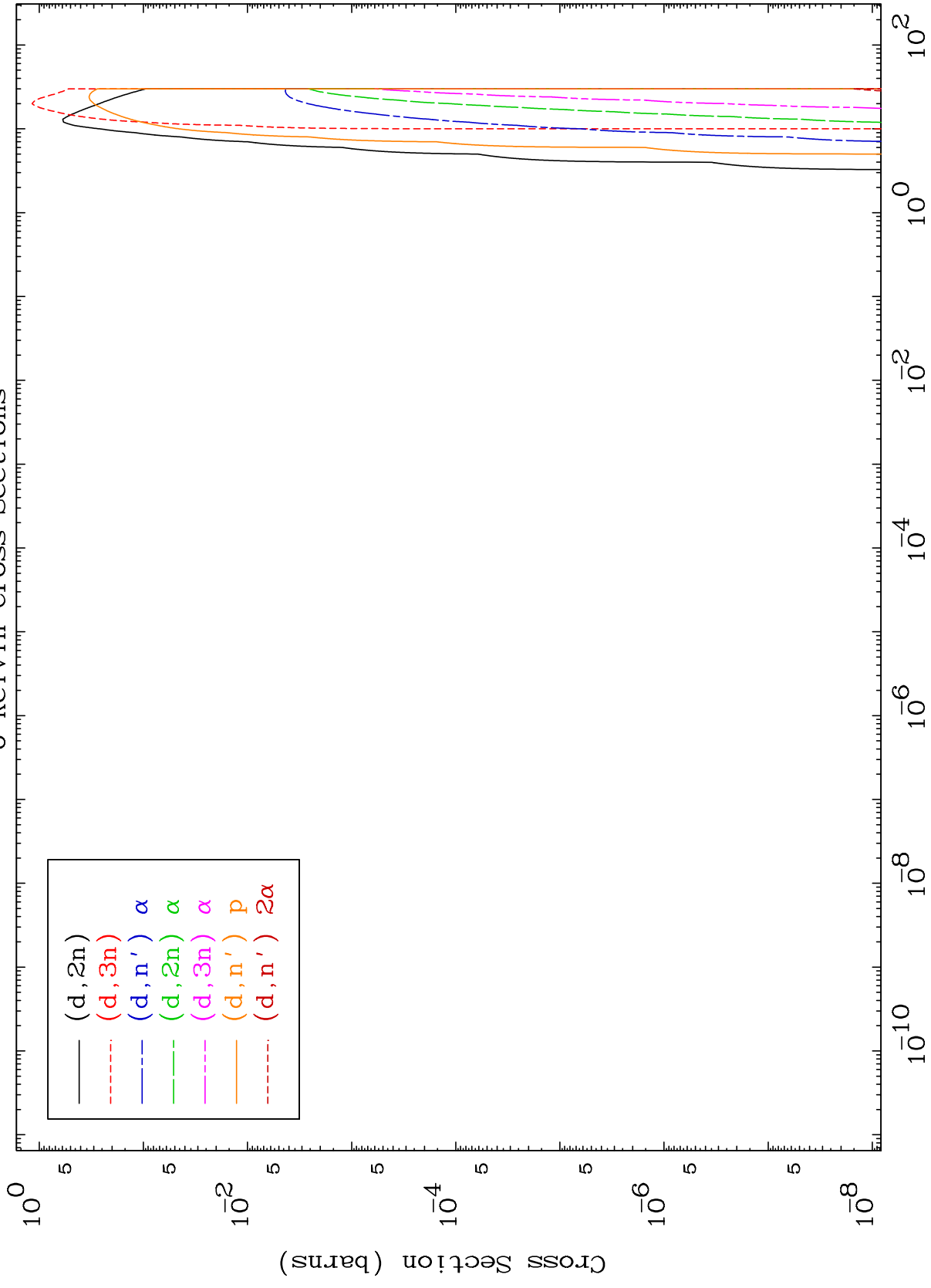
Press Mouse Button to Start



MAT 7328

Deuteron Neutron Production  
0 Kelvin Cross Sections

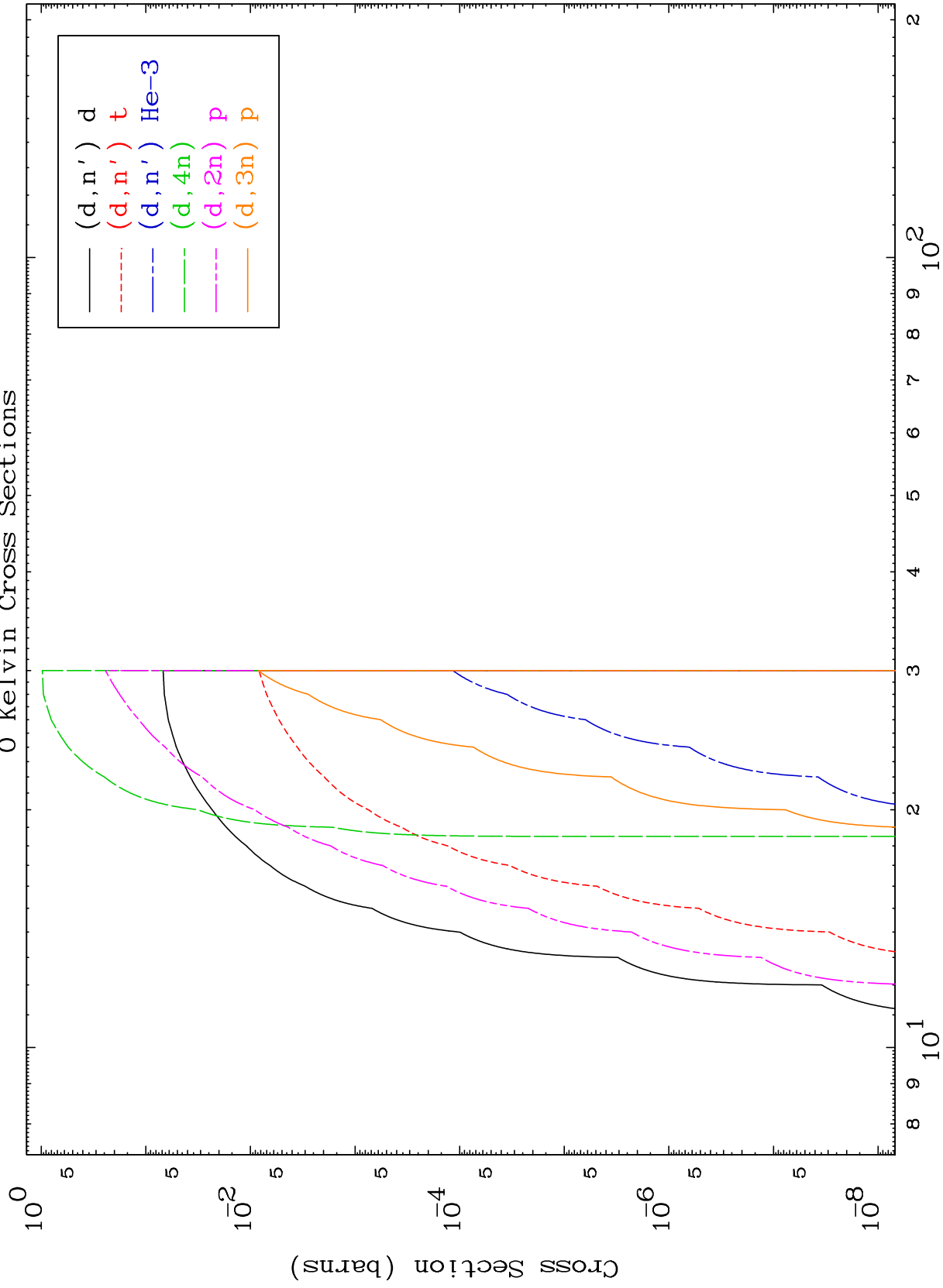
73-Ta-181



2

Incident Energy (MeV)

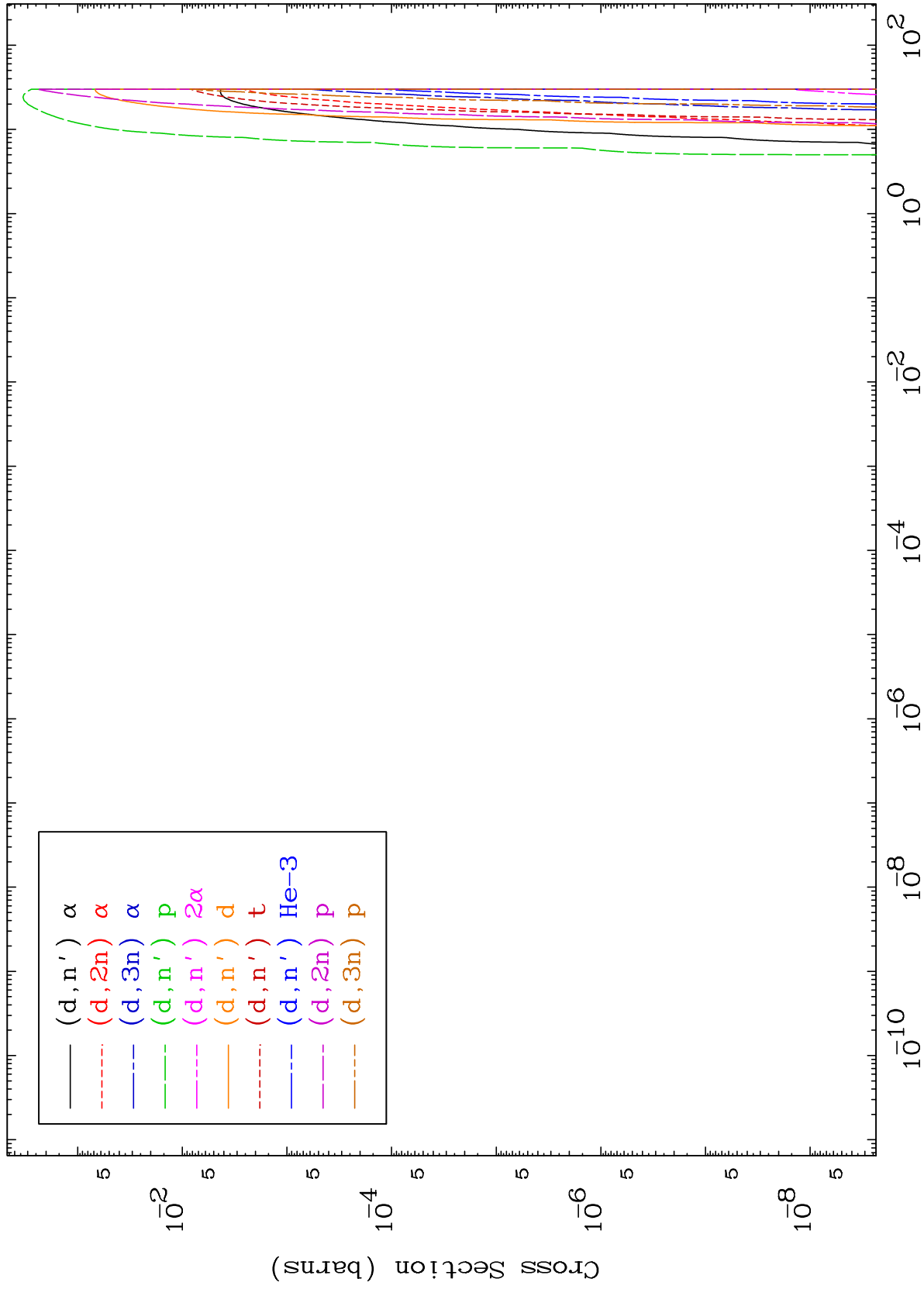
73-Ta-181



MAT 7328

Deuteron Charged Particle  
0 Kelvin Cross Sections

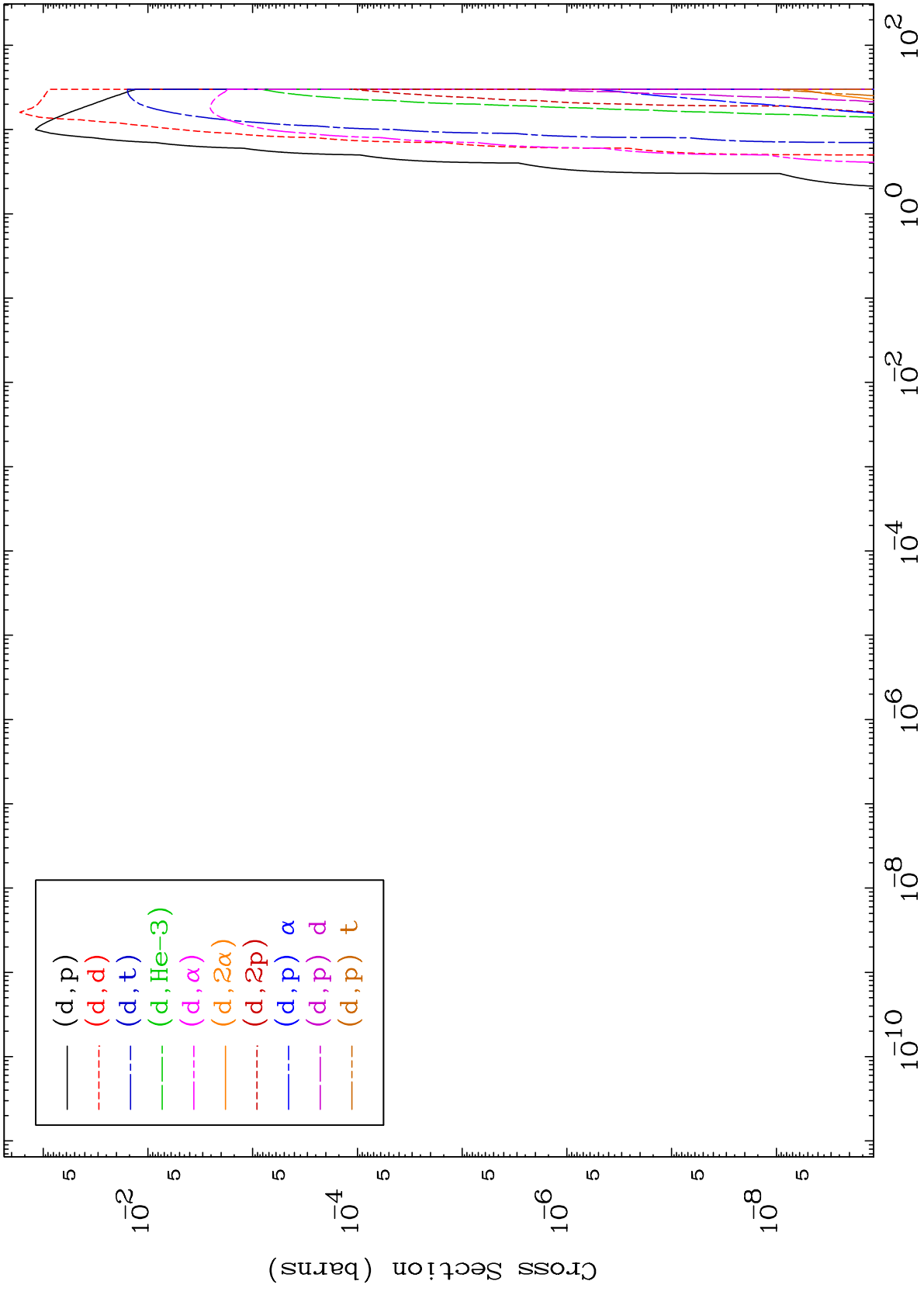
73-Ta-181



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Deuteron Charged Particle  
0 Kelvin Cross Sections

73-Ta-181



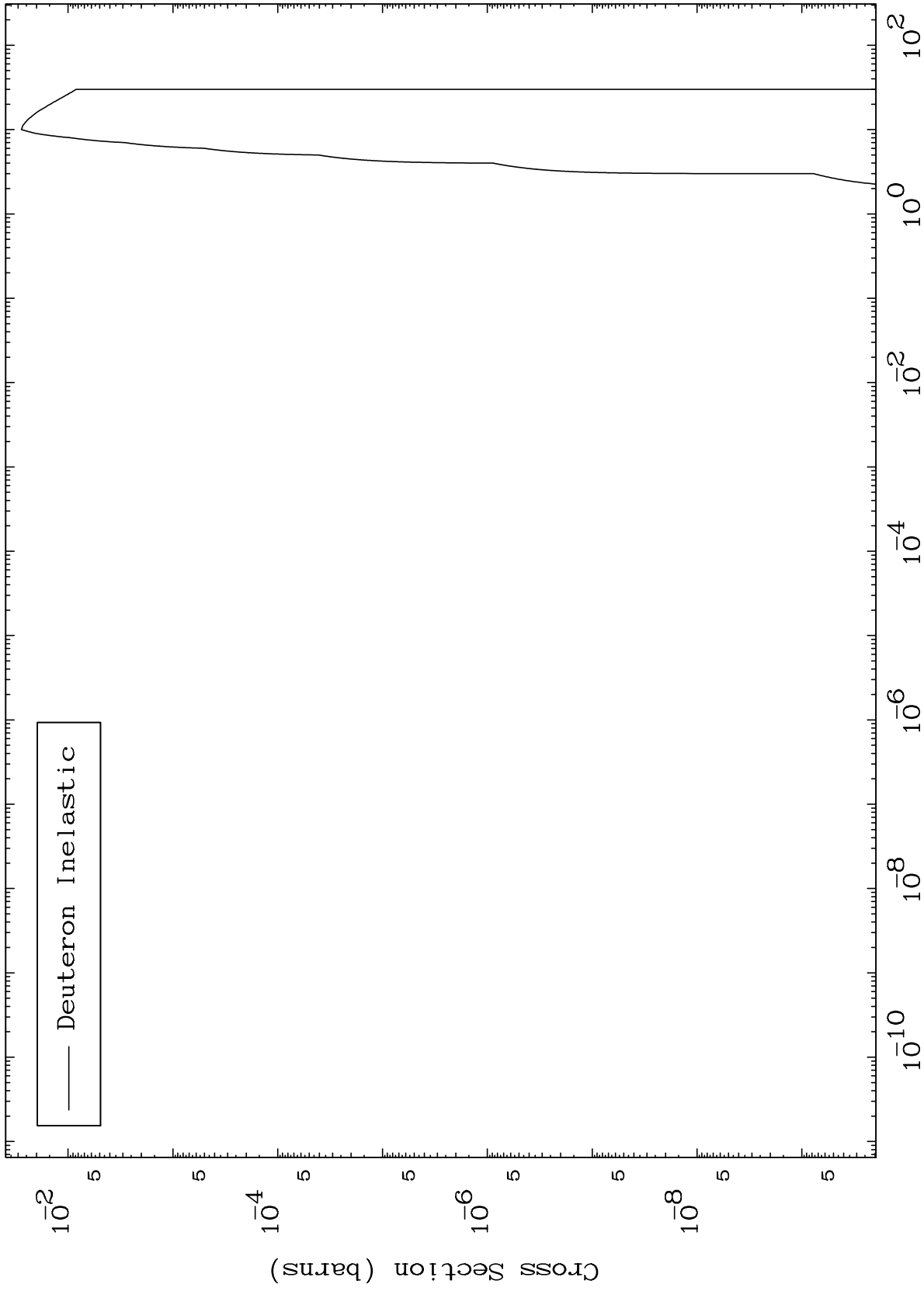
5

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MAT 7328

(d,n') Level  
0 Kelvin Cross Sections

73-Ta-181



6

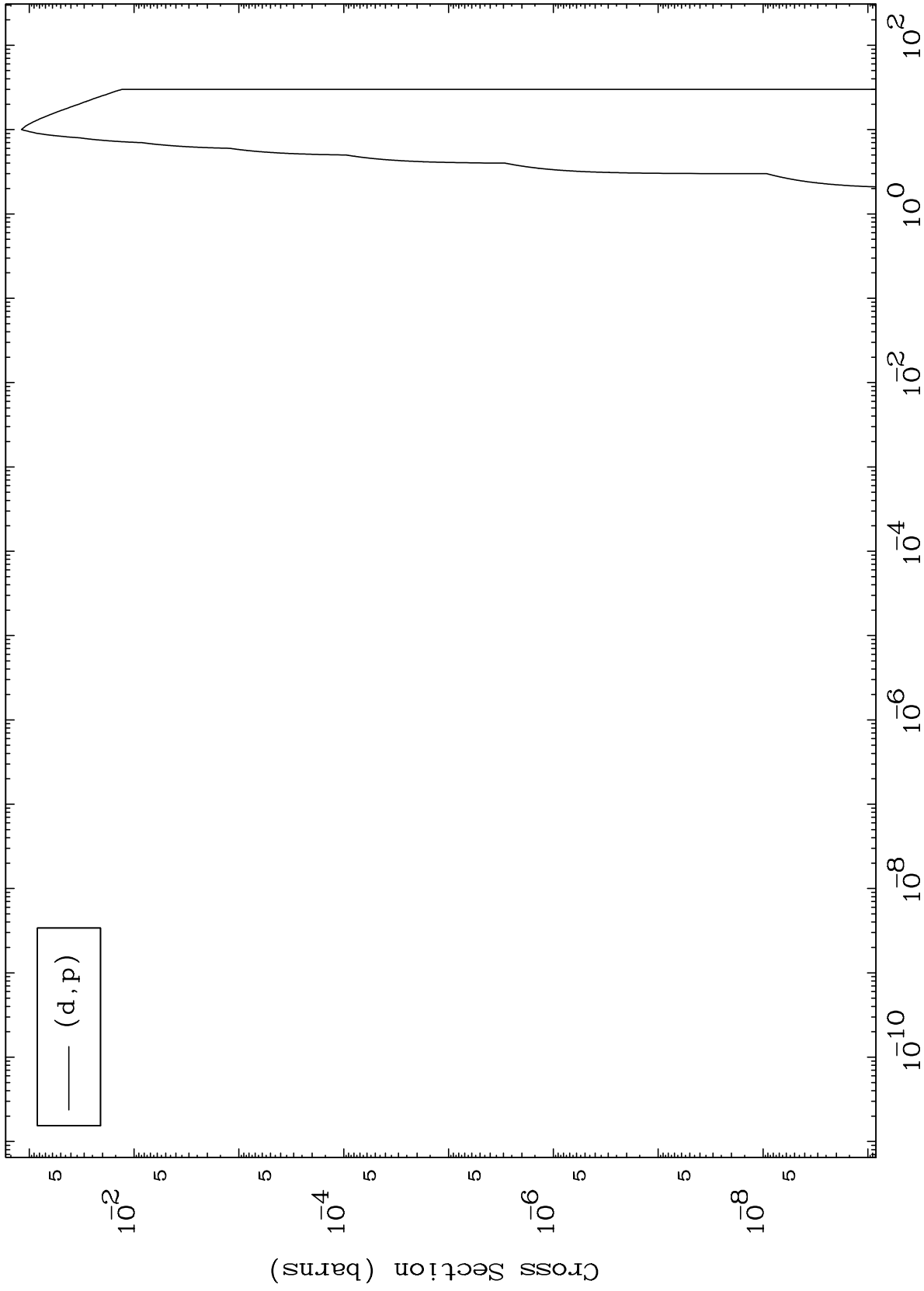
Incident Energy (MeV)

73-Ta-181

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(d,p) Levels  
0 Kelvin Cross Sections

73-Ta-181



7

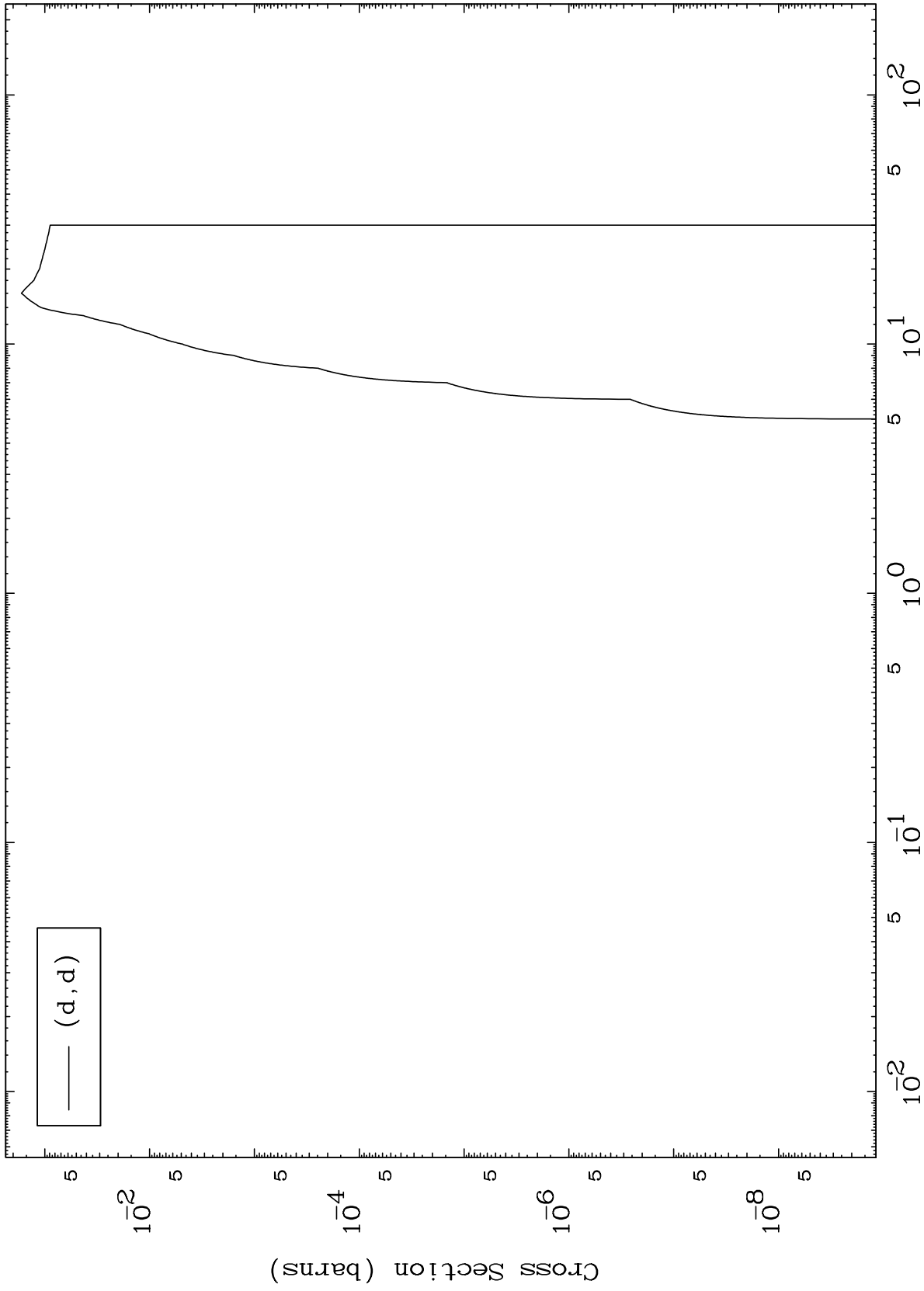
Incident Energy (MeV)

73-Ta-181

MAT 7328

(d,d) Levels  
0 Kelvin Cross Sections

73-Ta-181



8

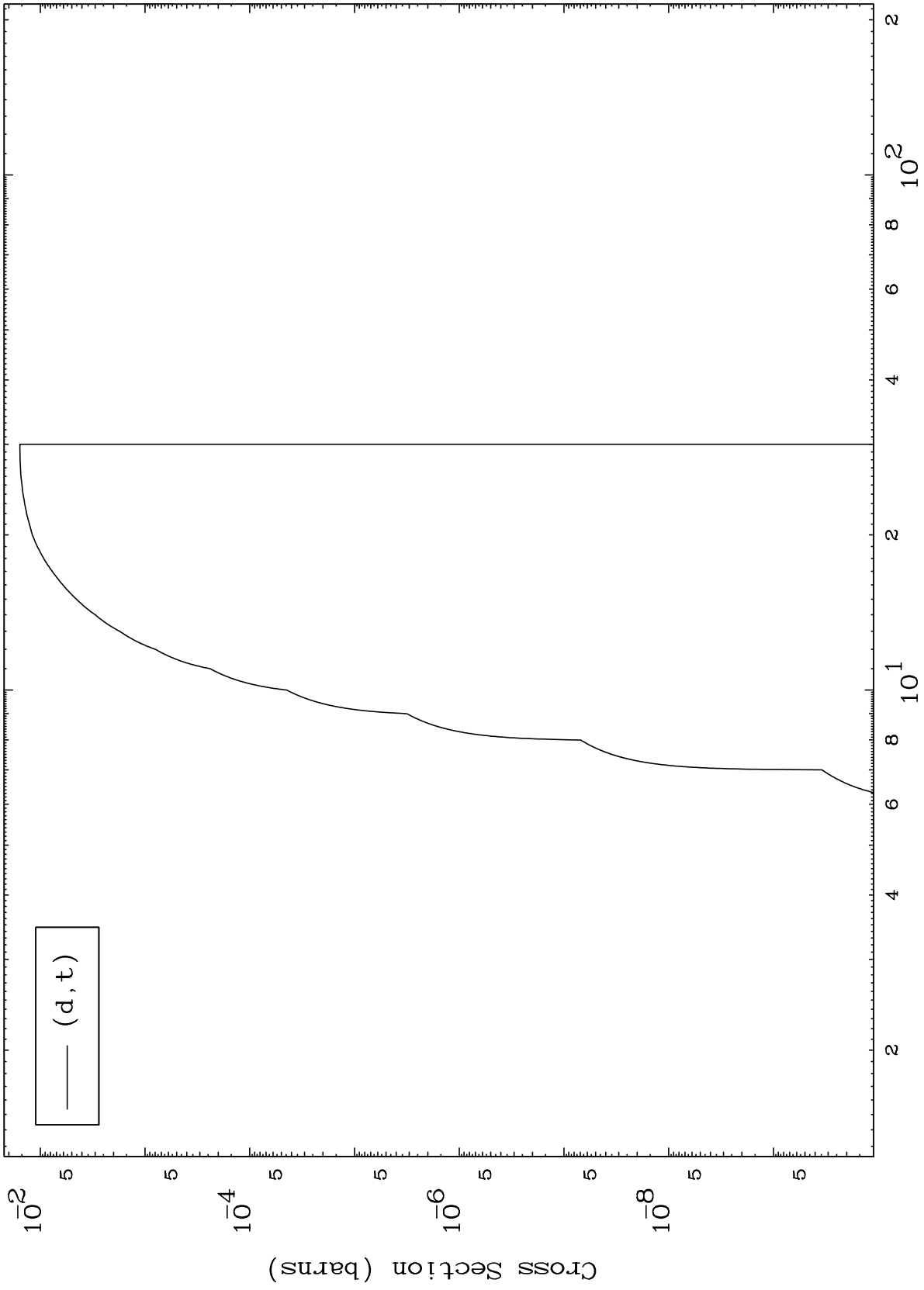
Incident Energy (MeV)

73-Ta-181

MAT 7328

(d,t) Levels  
0 Kelvin Cross Sections

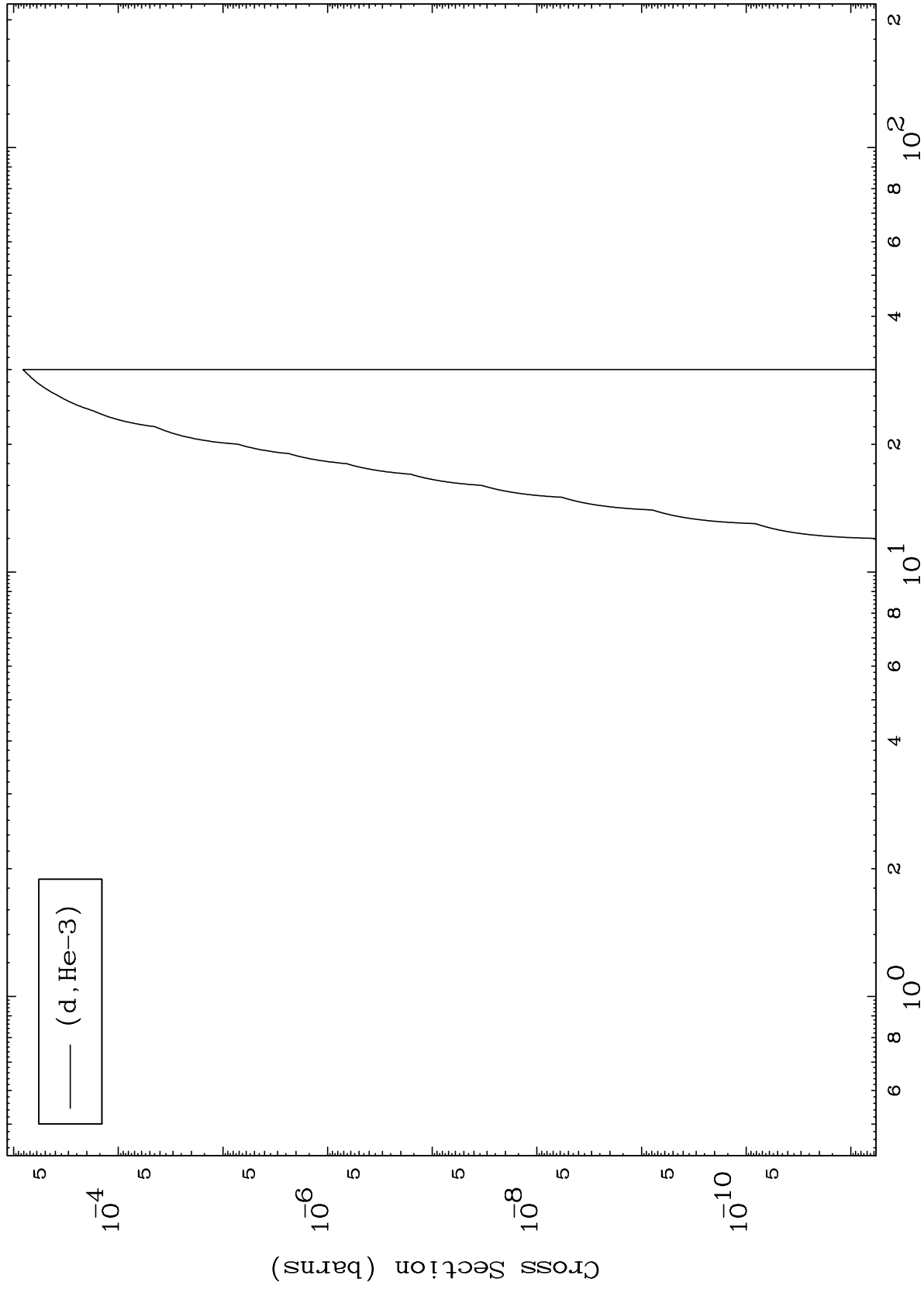
73-Ta-181



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(d,He3) Levels  
0 Kelvin Cross Sections

73-Ta-181



10

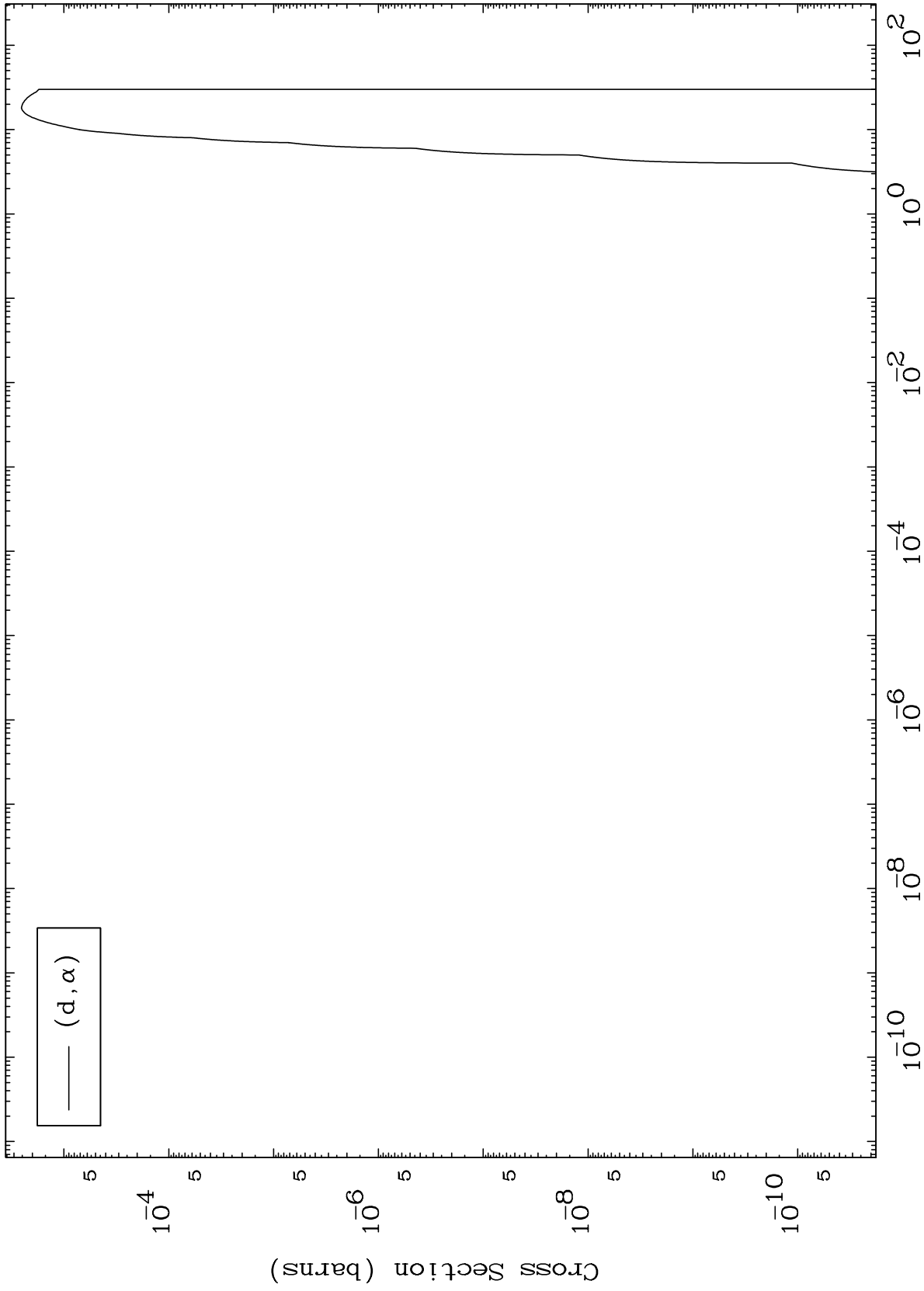
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



11

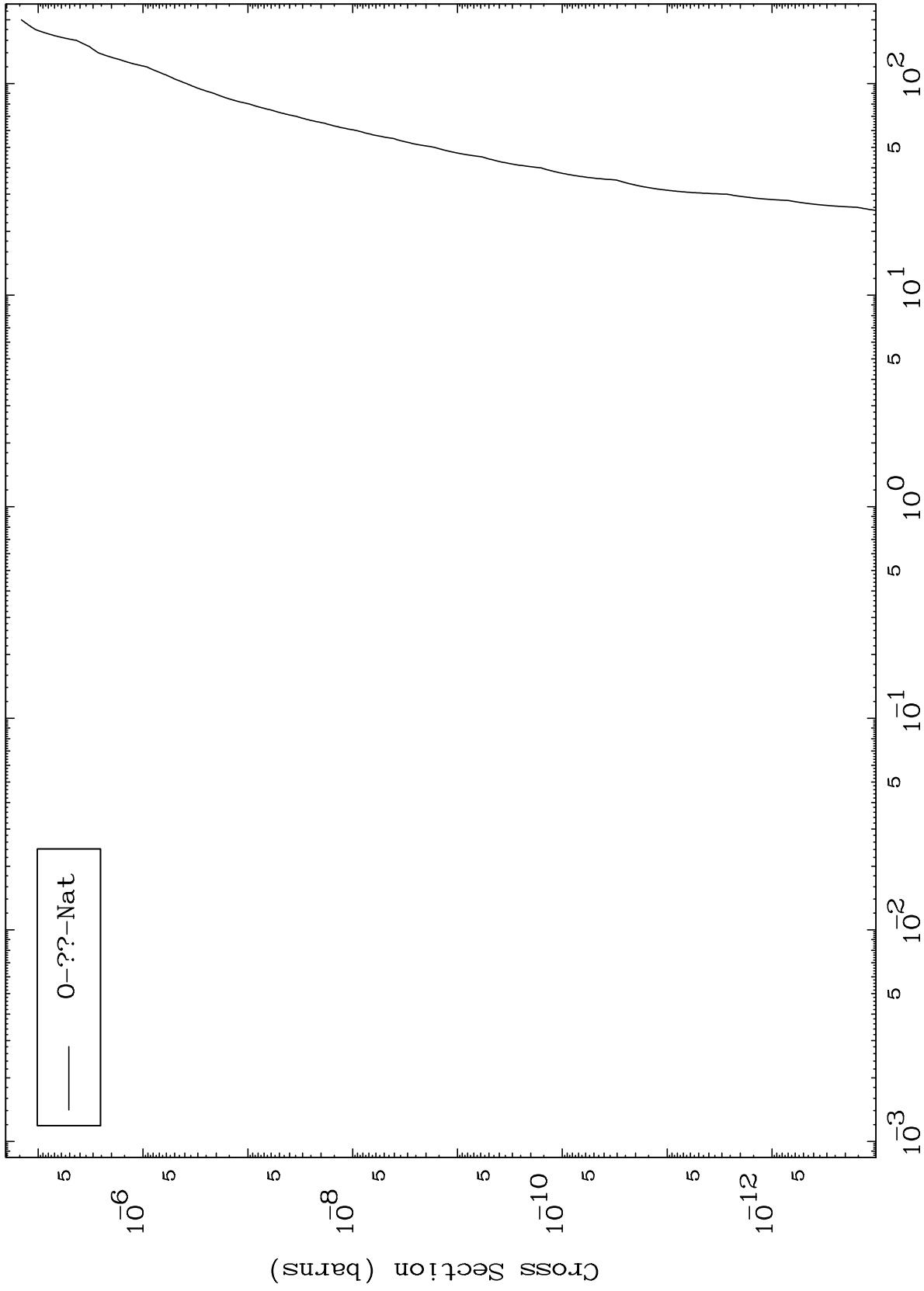
Incident Energy (MeV)

73-Ta-181

MAT 7328

Deuteron Fission  
Radionuclide Production Cross Section

73-Ta-181



12

Incident Energy (MeV)

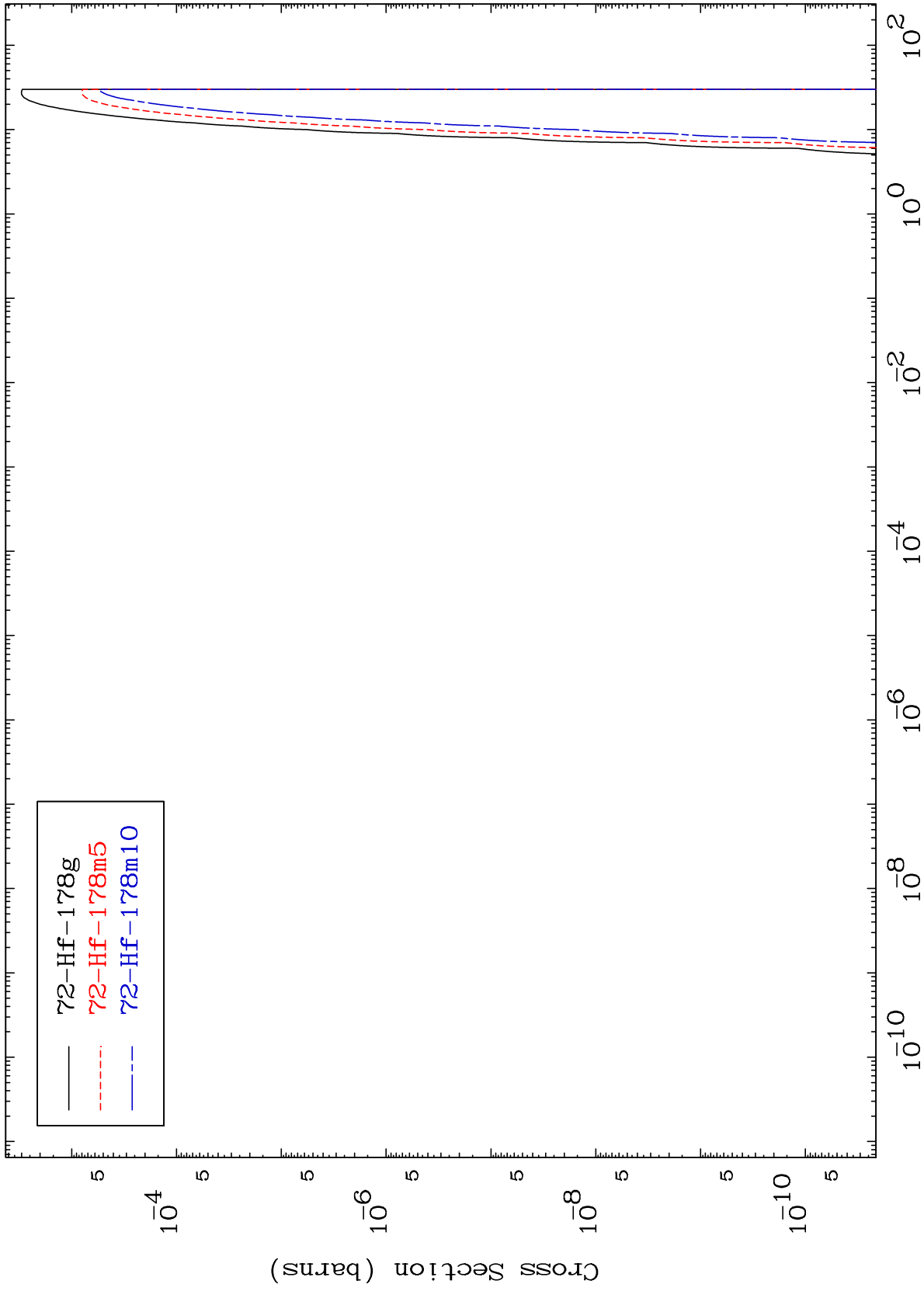
73-Ta-181

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(d,n')  $\alpha$

73-Ta-181

Radionuclide Production Cross Section

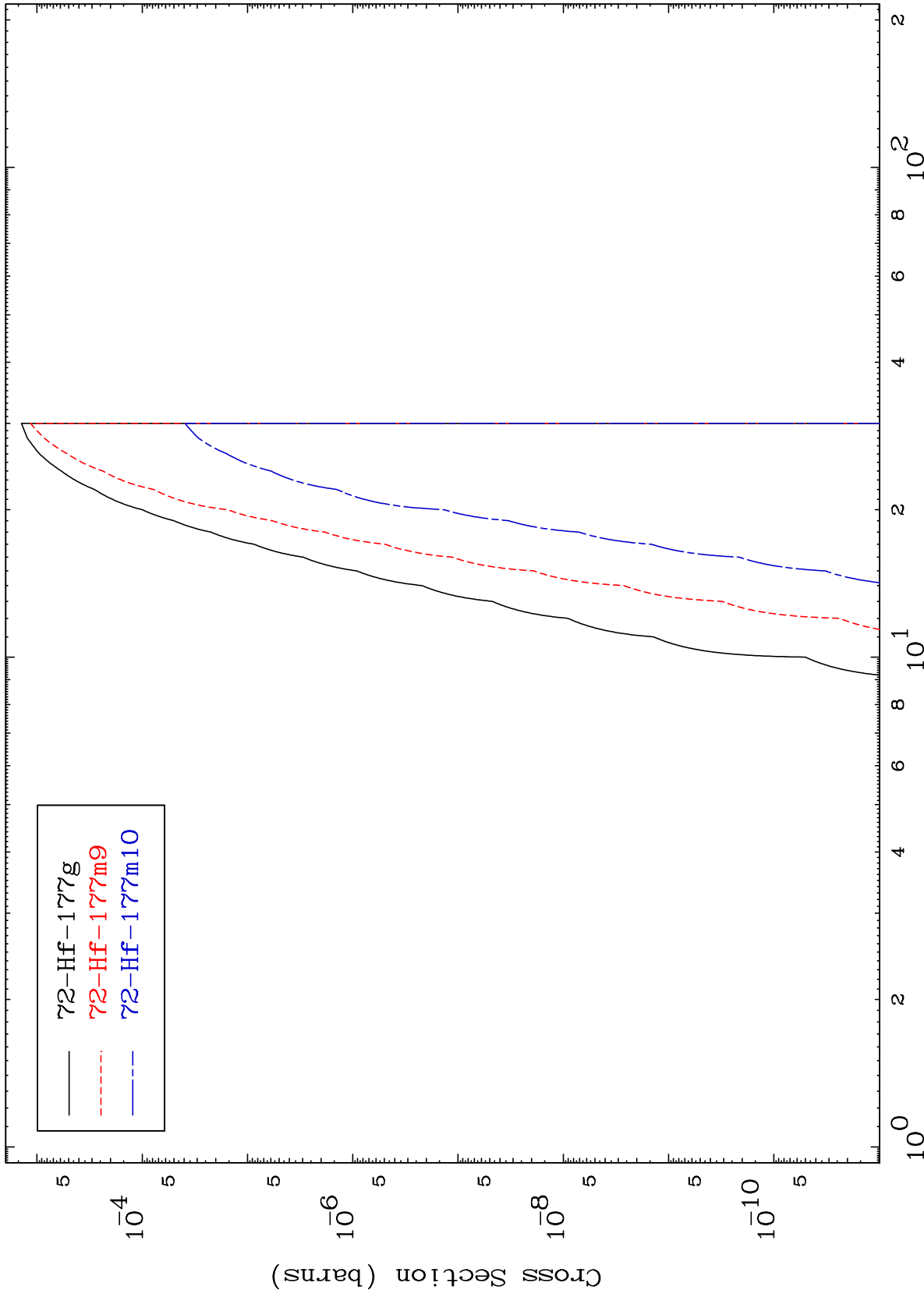


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(d,2n)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

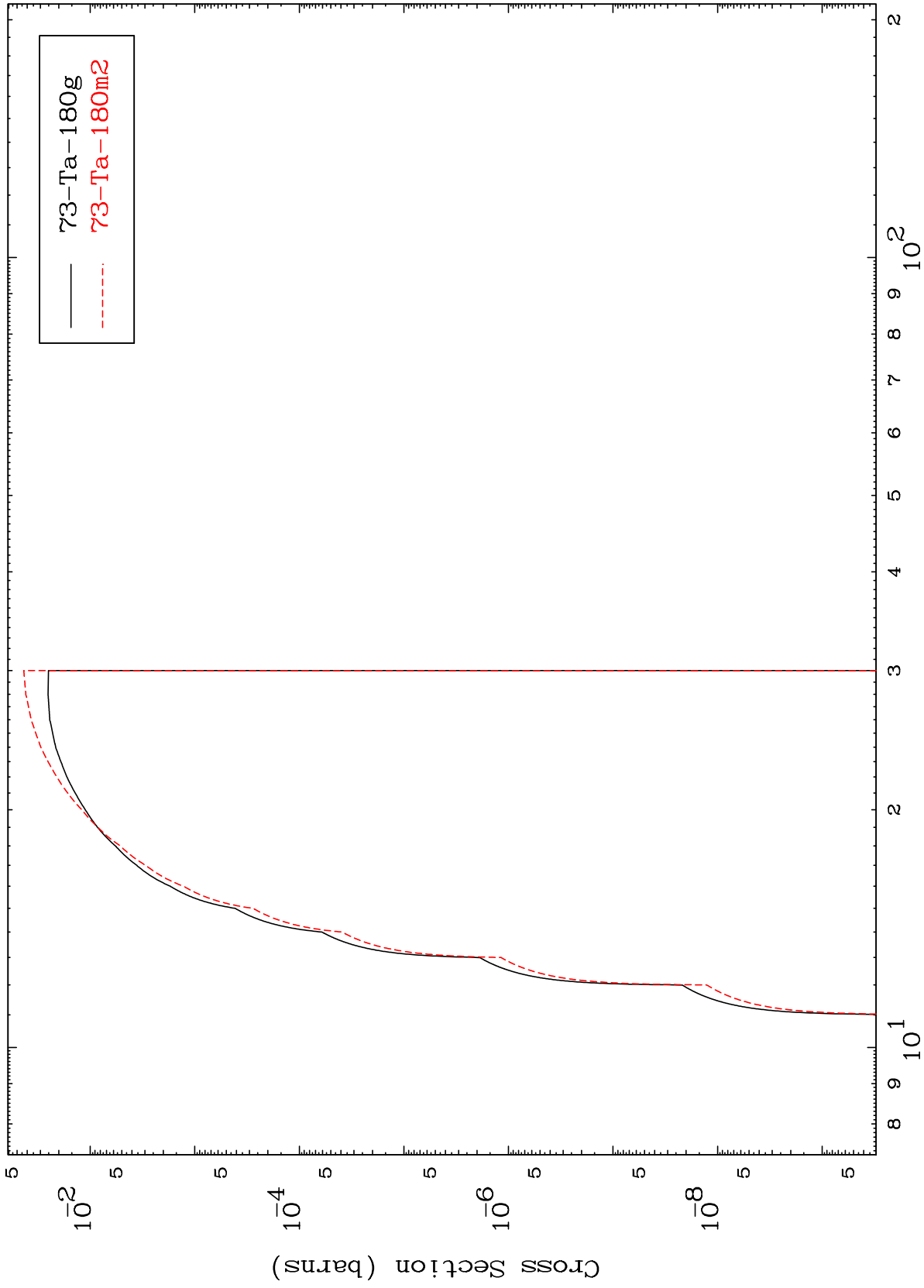
<sup>73</sup>Ta-181

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(d,n') d

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



15

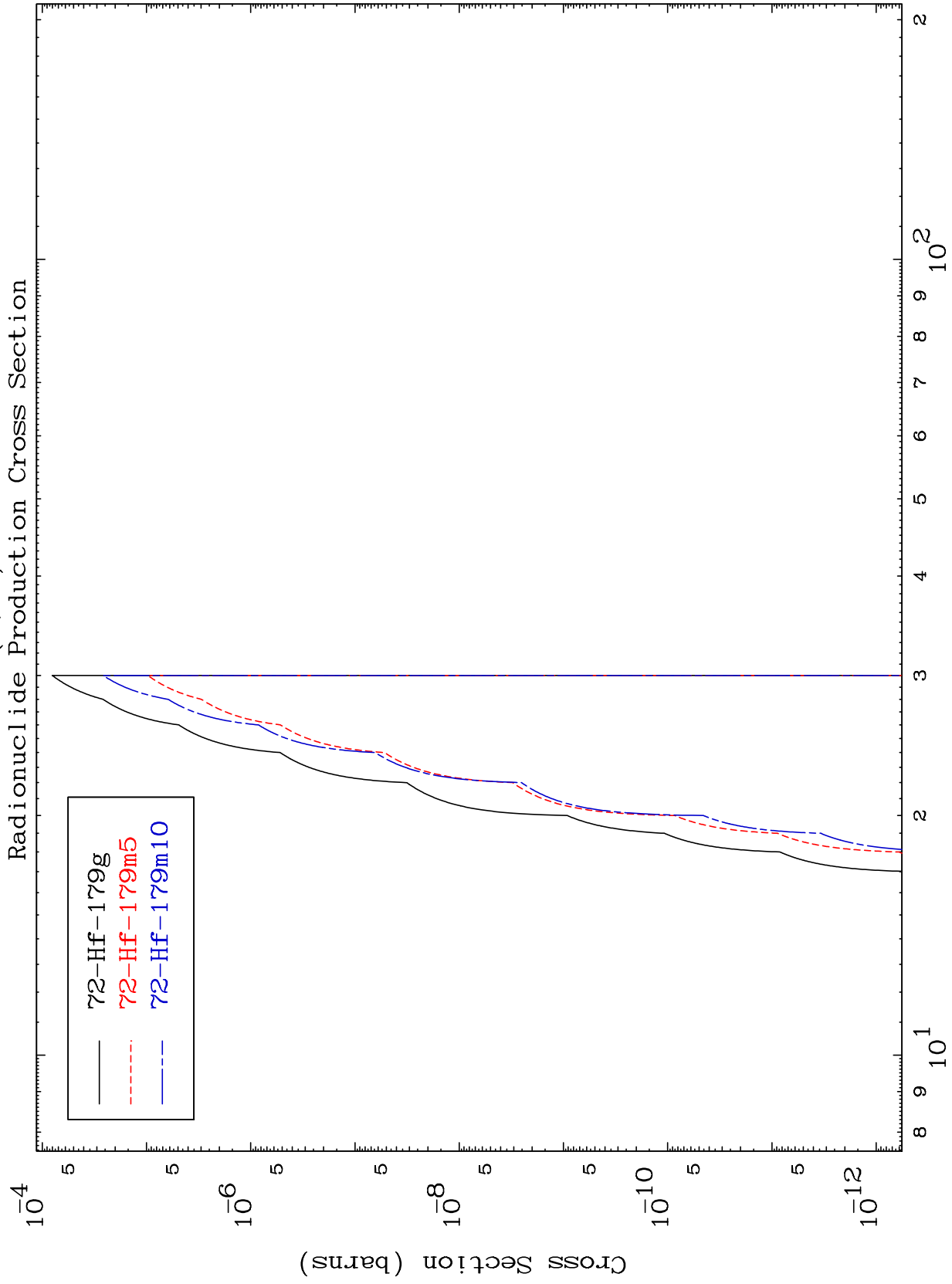
Incident Energy (MeV)

<sup>73</sup>Ta-181

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(d, n') He-3

73-Ta-181



16

Incident Energy (MeV)

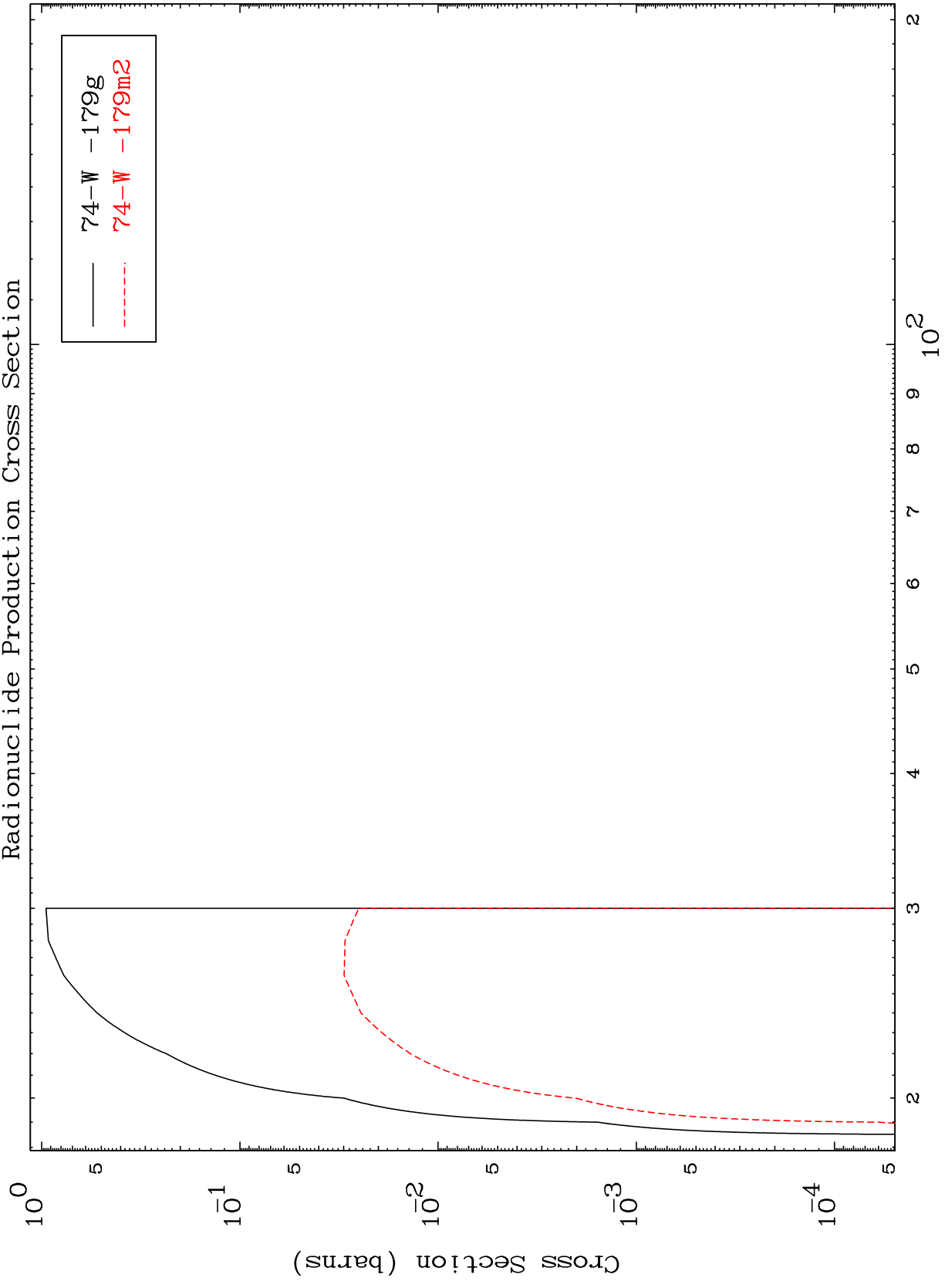
73-Ta-181

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(d,4n)

73-Ta-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

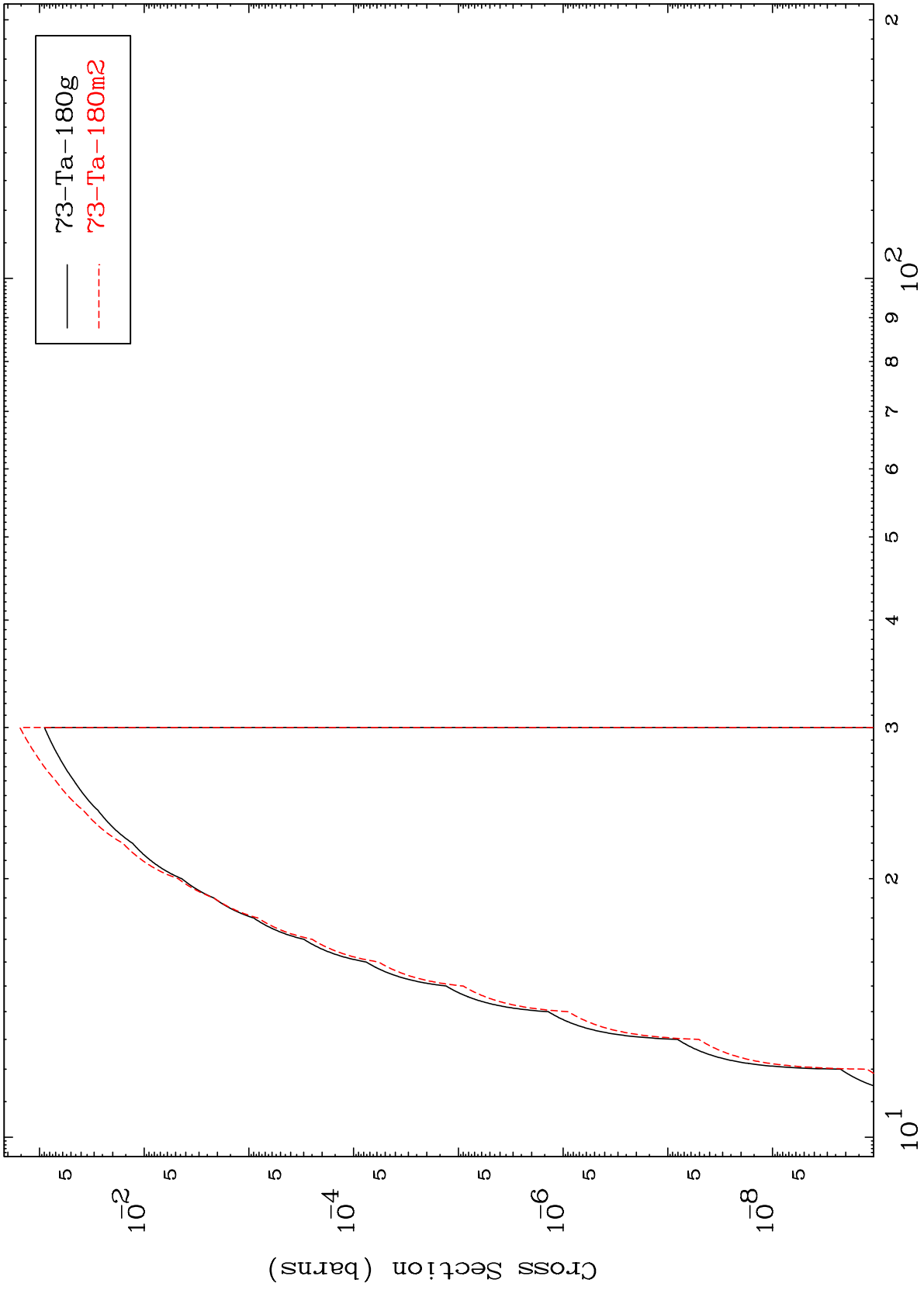
73-Ta-181

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(d,2n) p

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



Incident Energy (MeV)

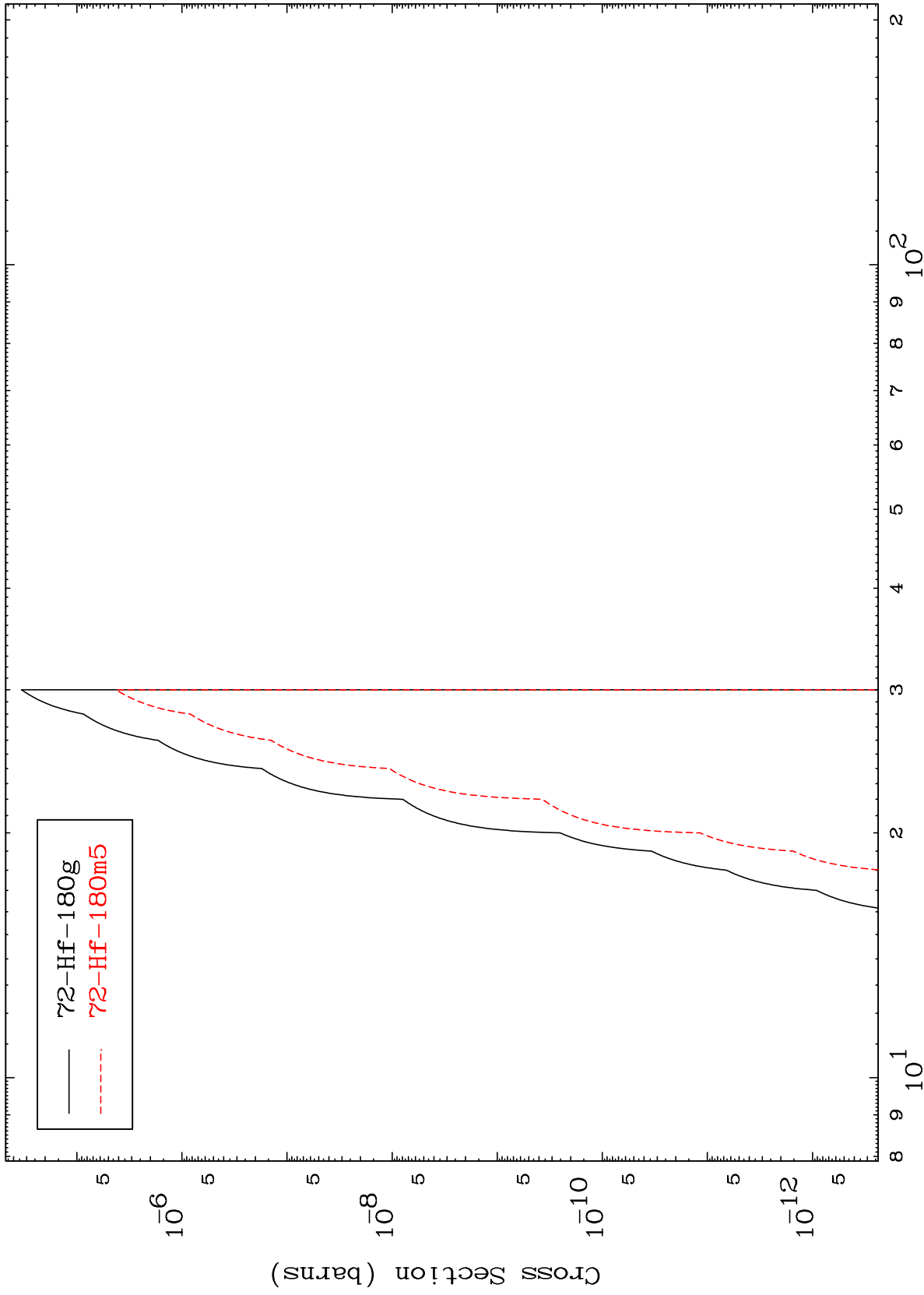
<sup>73</sup>Ta-181

MAT 7328

(d,2n) p

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



19

Incident Energy (MeV)

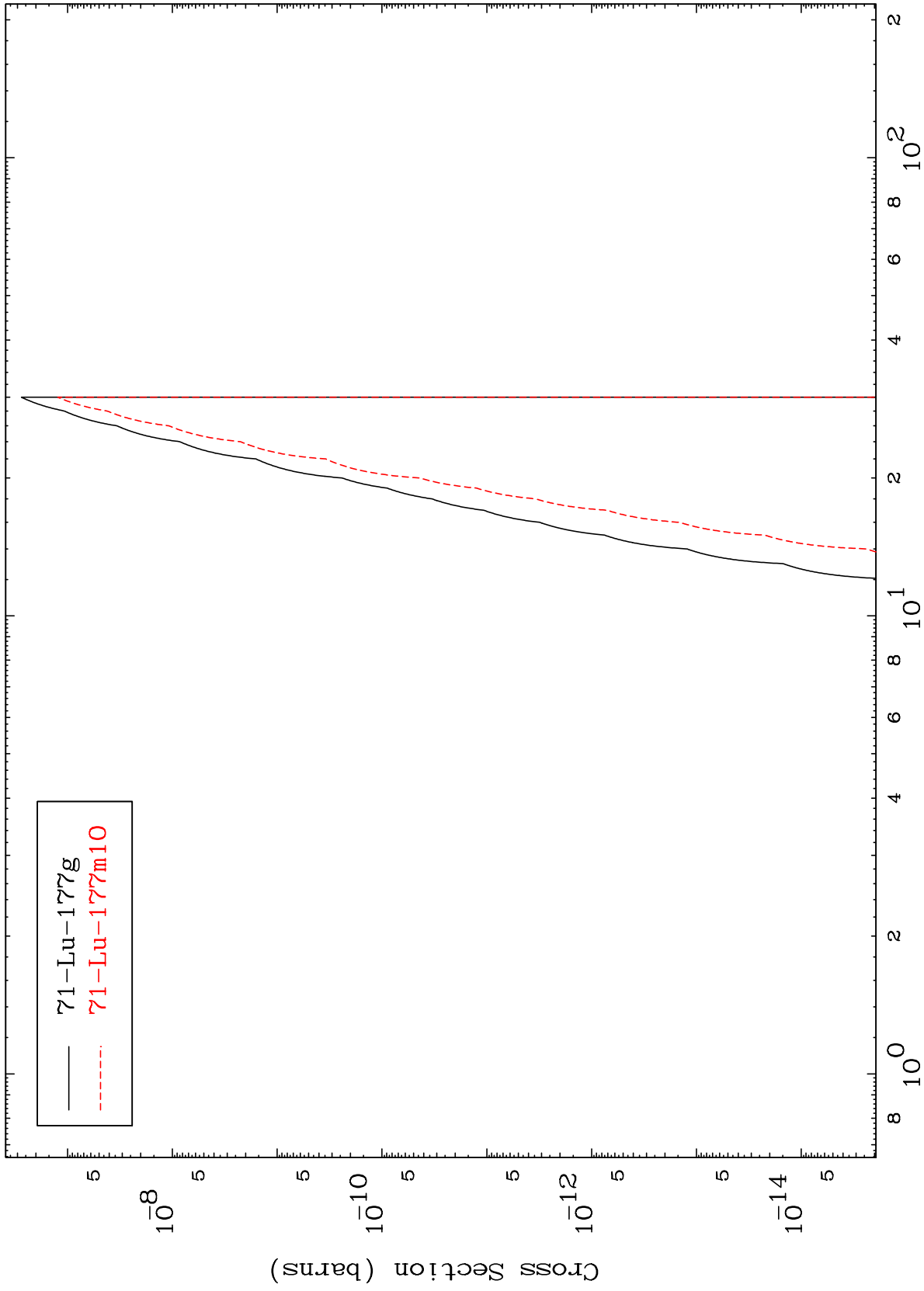
<sup>73</sup>Ta-181

MAT 7328

(d,n') p  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

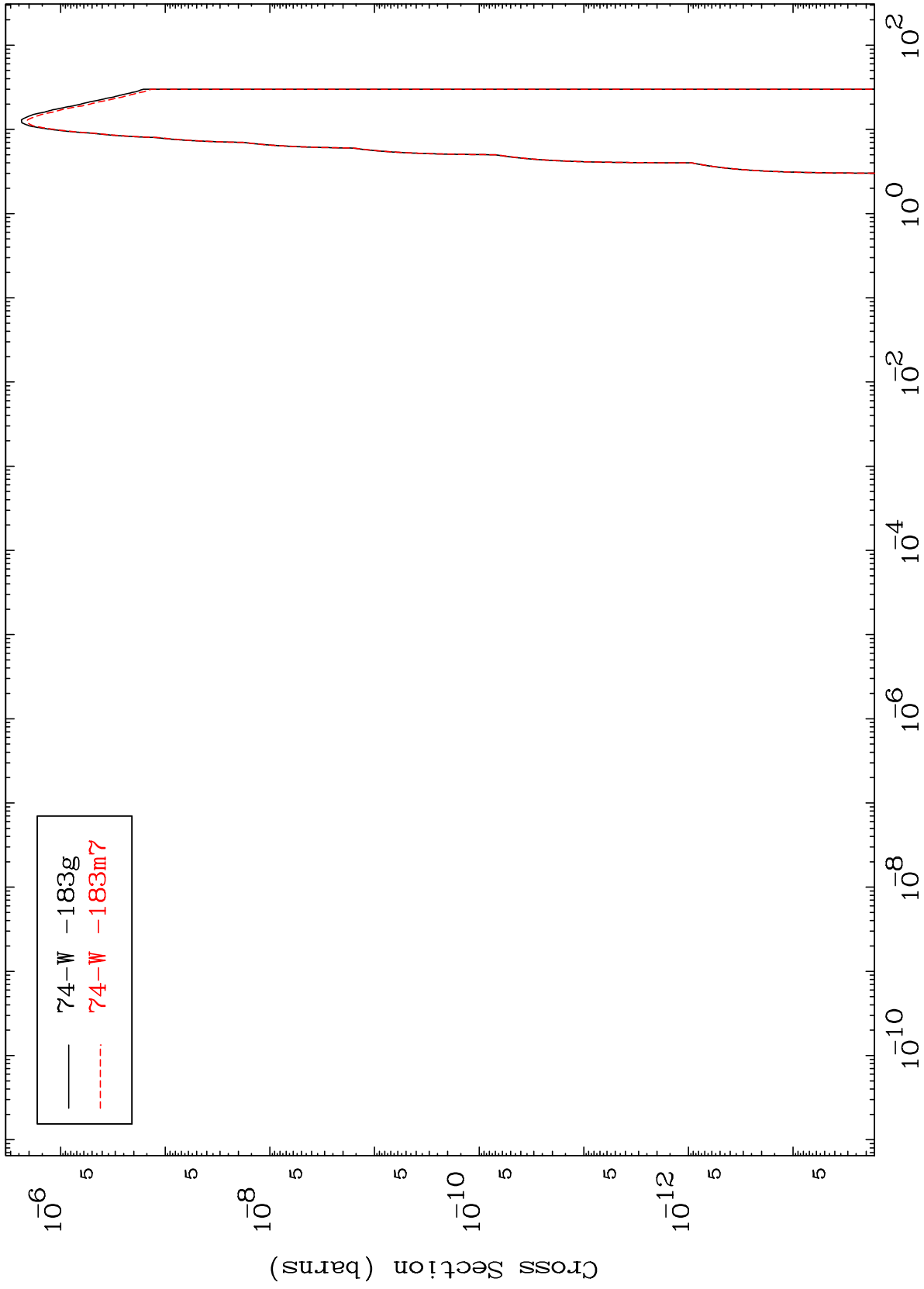
<sup>73</sup>Ta-181

MAT 7328

(d,γ)

73-Ta-181

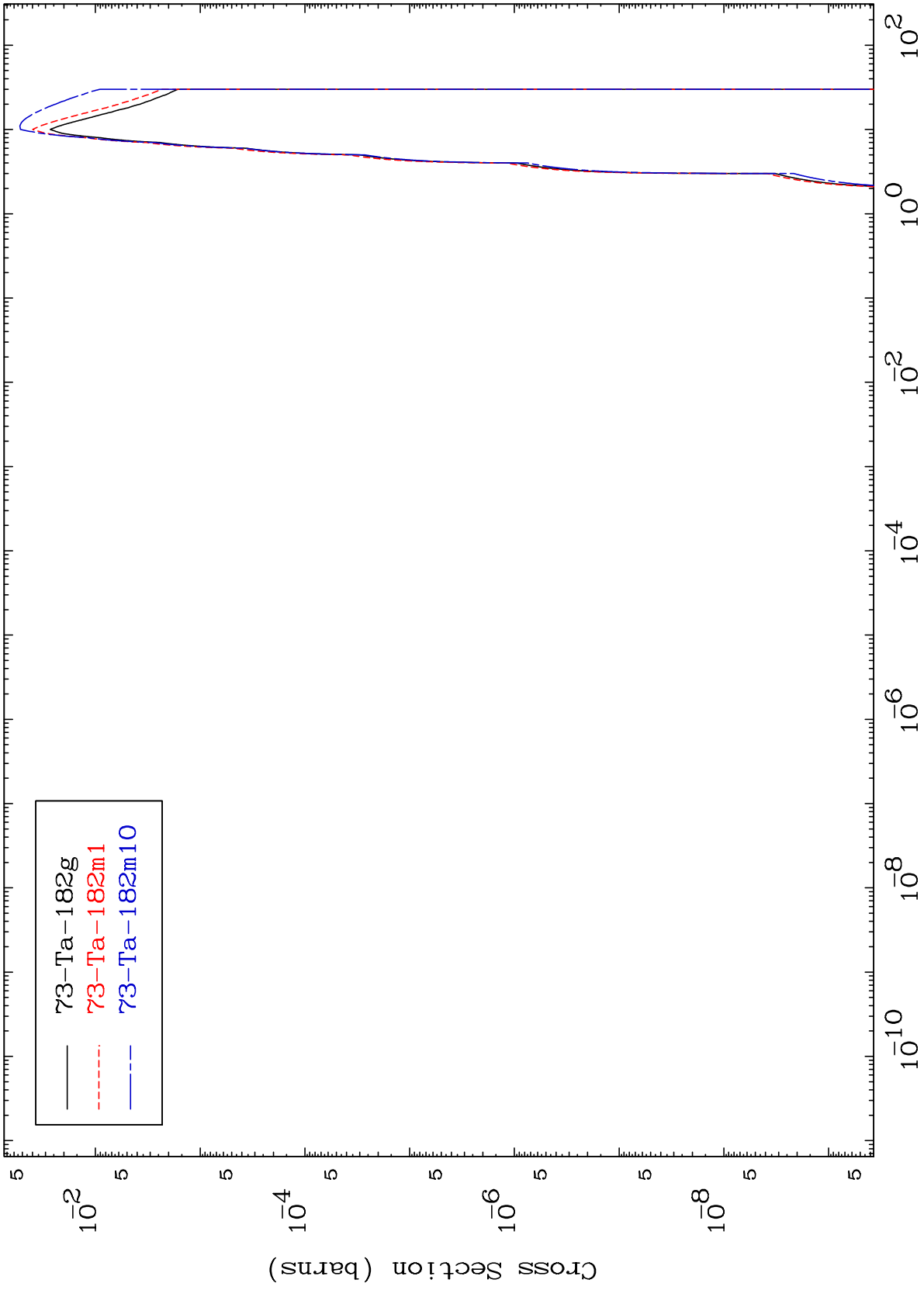
Radionuclide Production Cross Section



MAT 7328

(d,p)  
Radionuclide Production Cross Section

<sup>73</sup>Ta-181



22

Incident Energy (MeV)

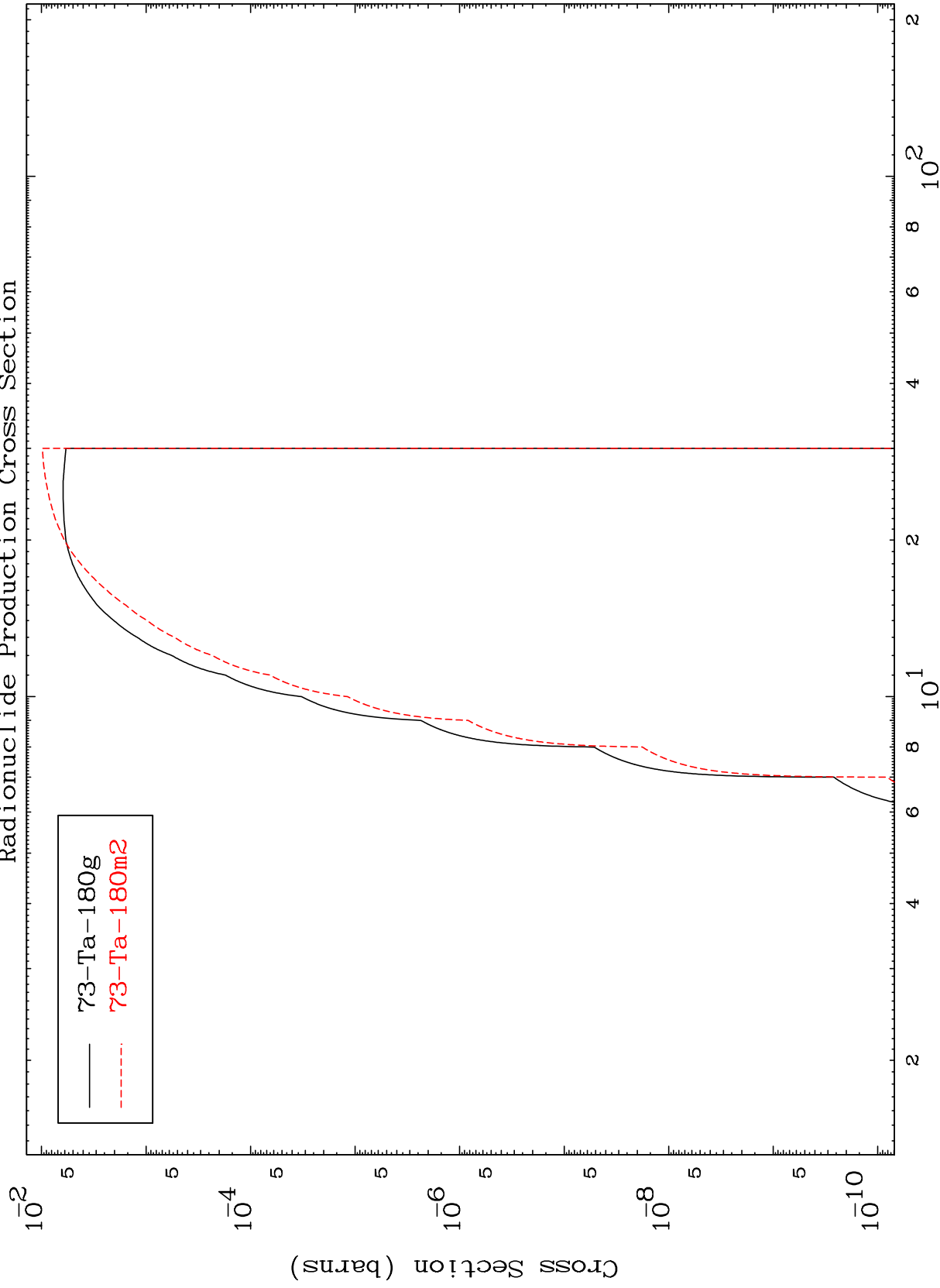
<sup>73</sup>Ta-181

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(d, t)

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



23

Incident Energy (MeV)

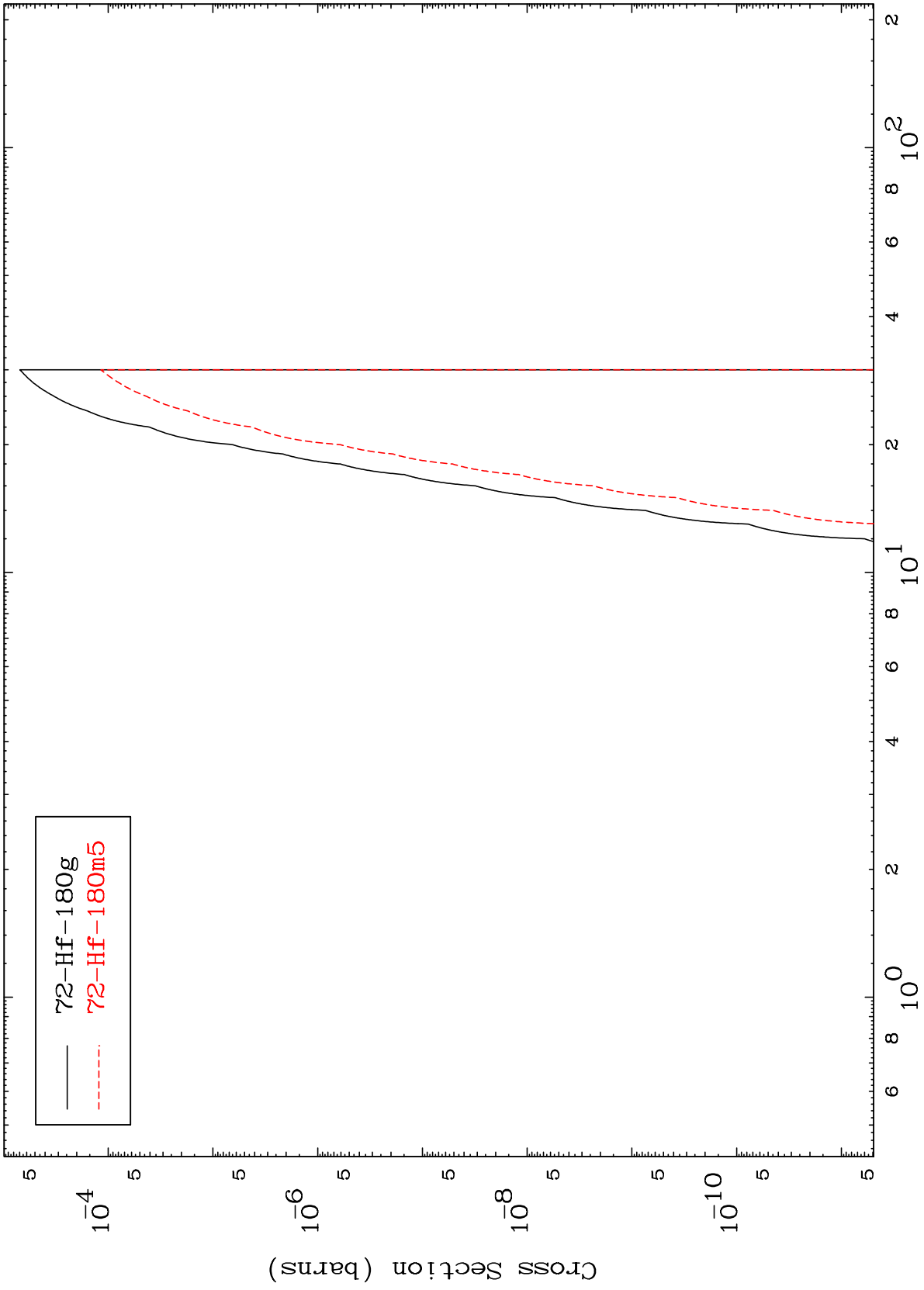
<sup>73</sup>Ta-181

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(d, He-3)

73-Ta-181

Radionuclide Production Cross Section



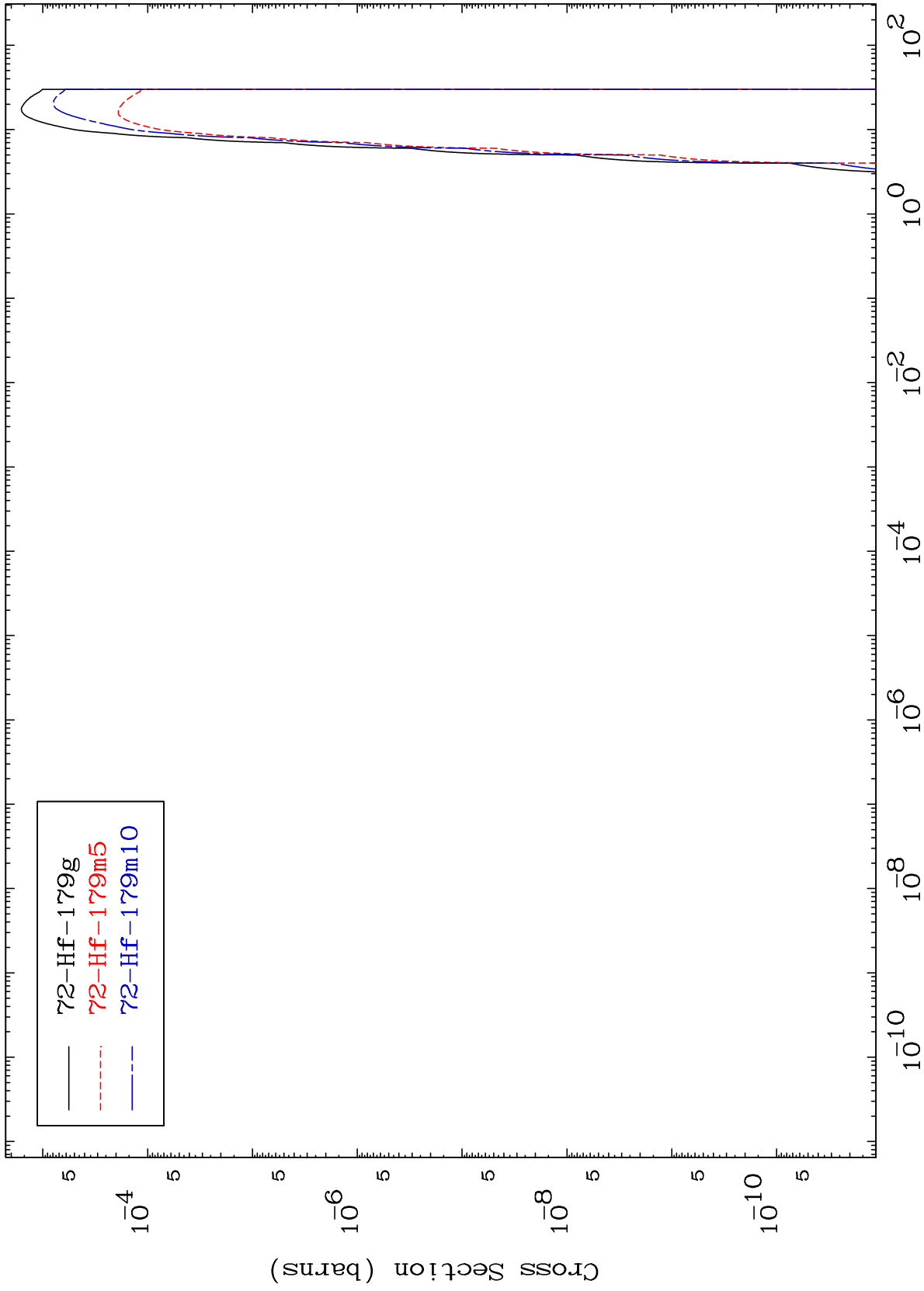
72-Hf-180g  
72-Hf-180m5

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(d,  $\alpha$ )

<sup>73</sup>Ta-181

Radionuclide Production Cross Section

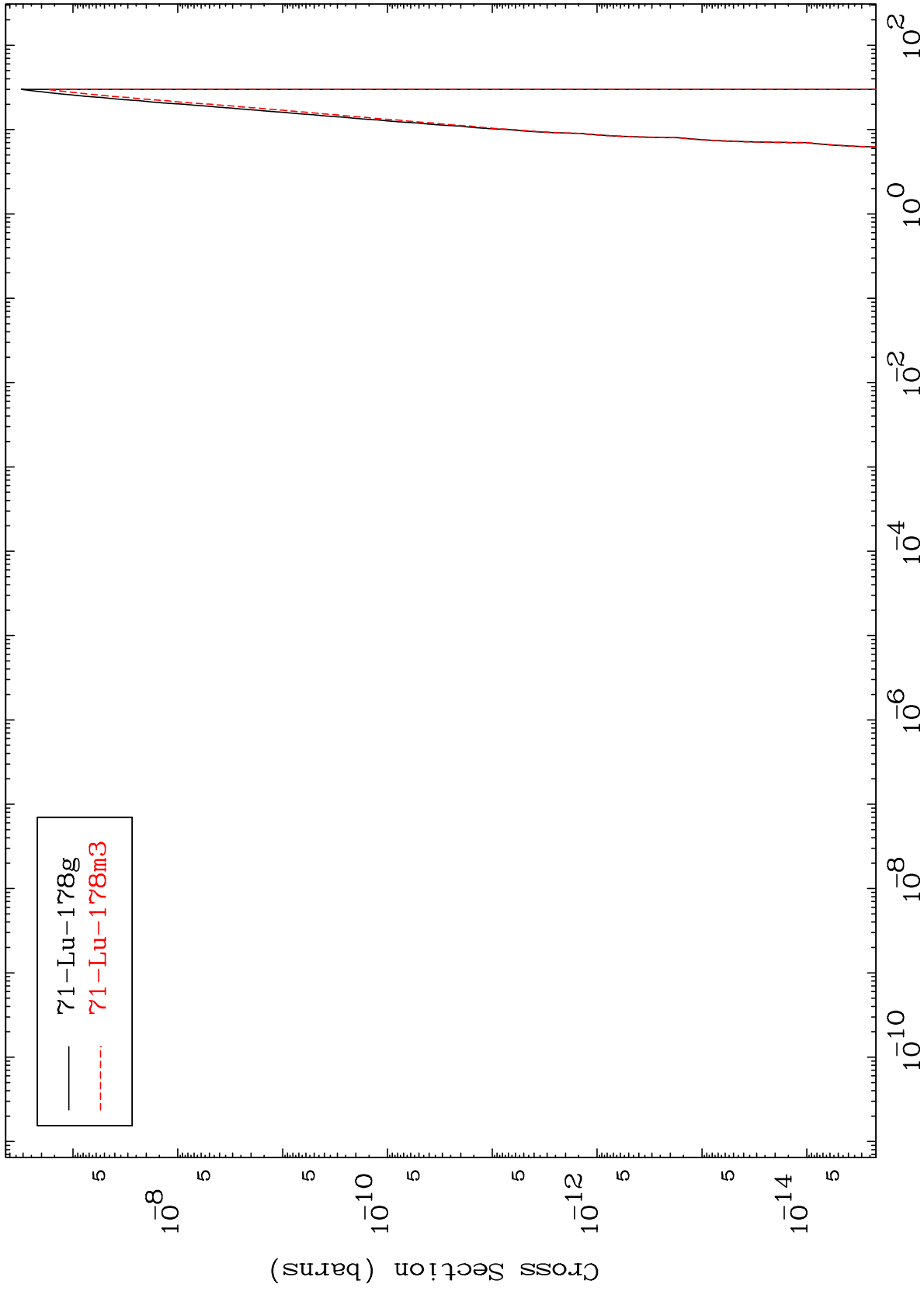


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(d,p)  $\alpha$

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

Radionuclide Production Cross Section

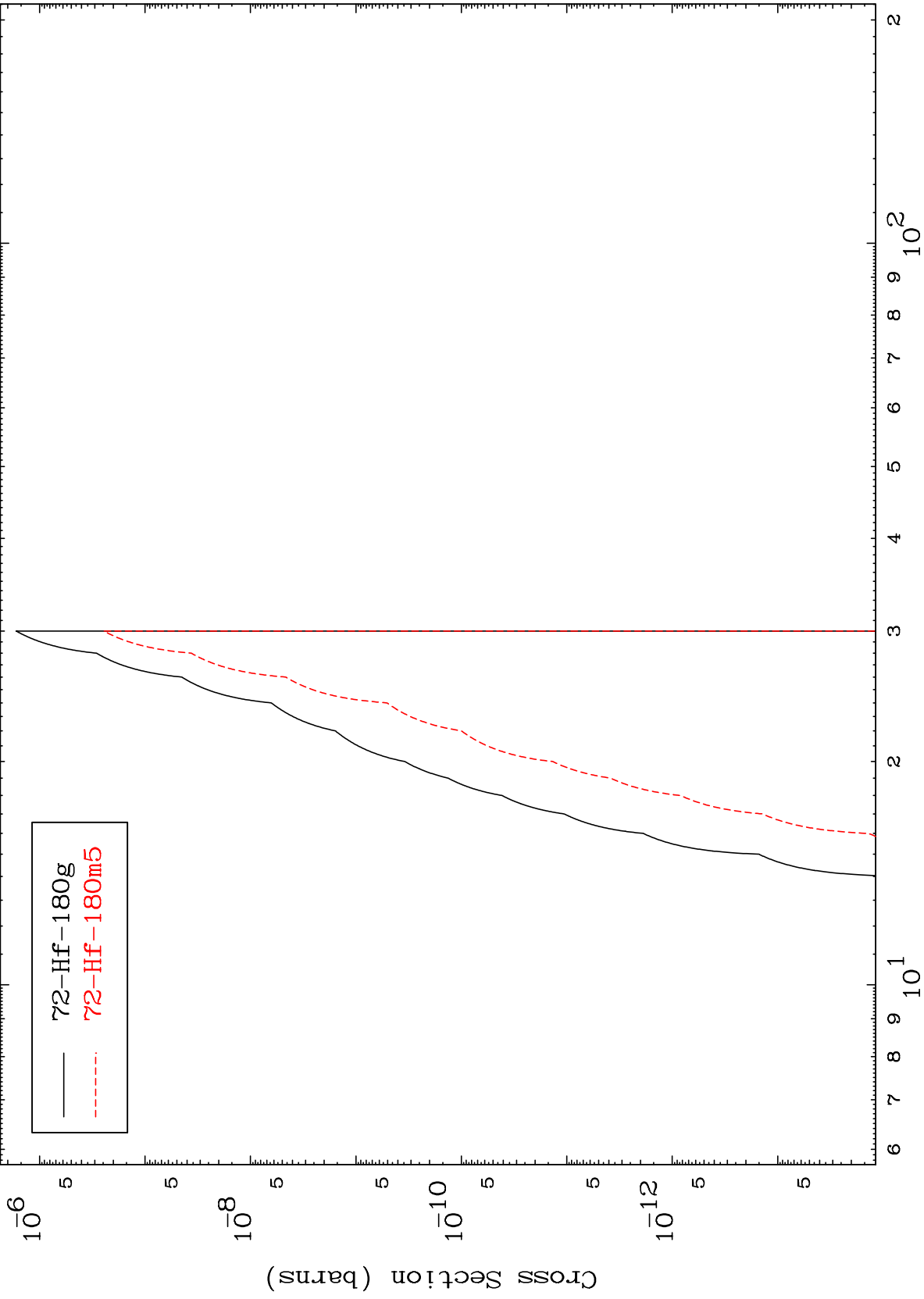


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(d,p) d

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



27

Incident Energy (MeV)

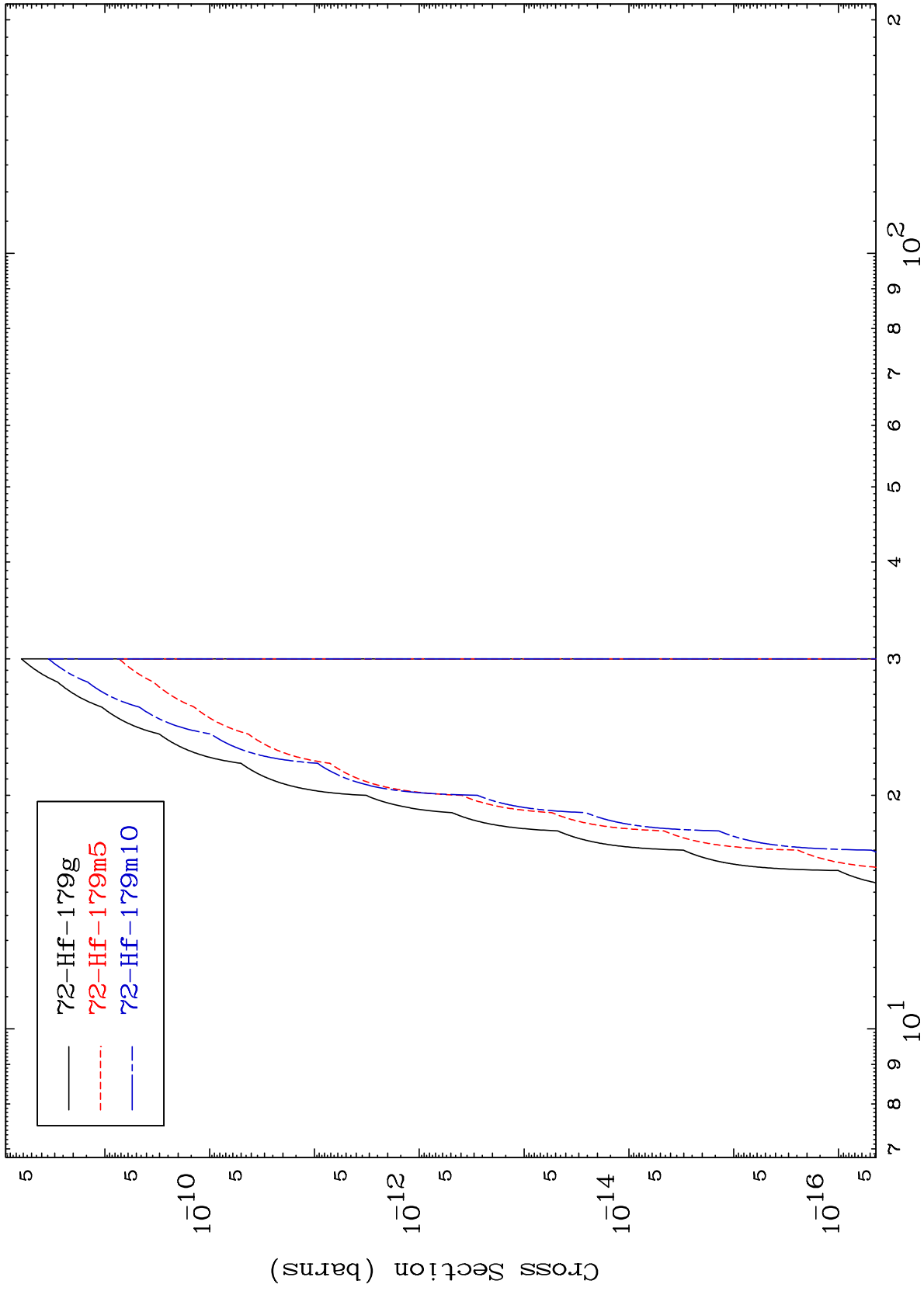
<sup>73</sup>Ta-181

MAT 7328

(d,p) t

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



28

Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

(d,d)  $\alpha$

<sup>73</sup>Ta-<sup>181</sup>

