

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

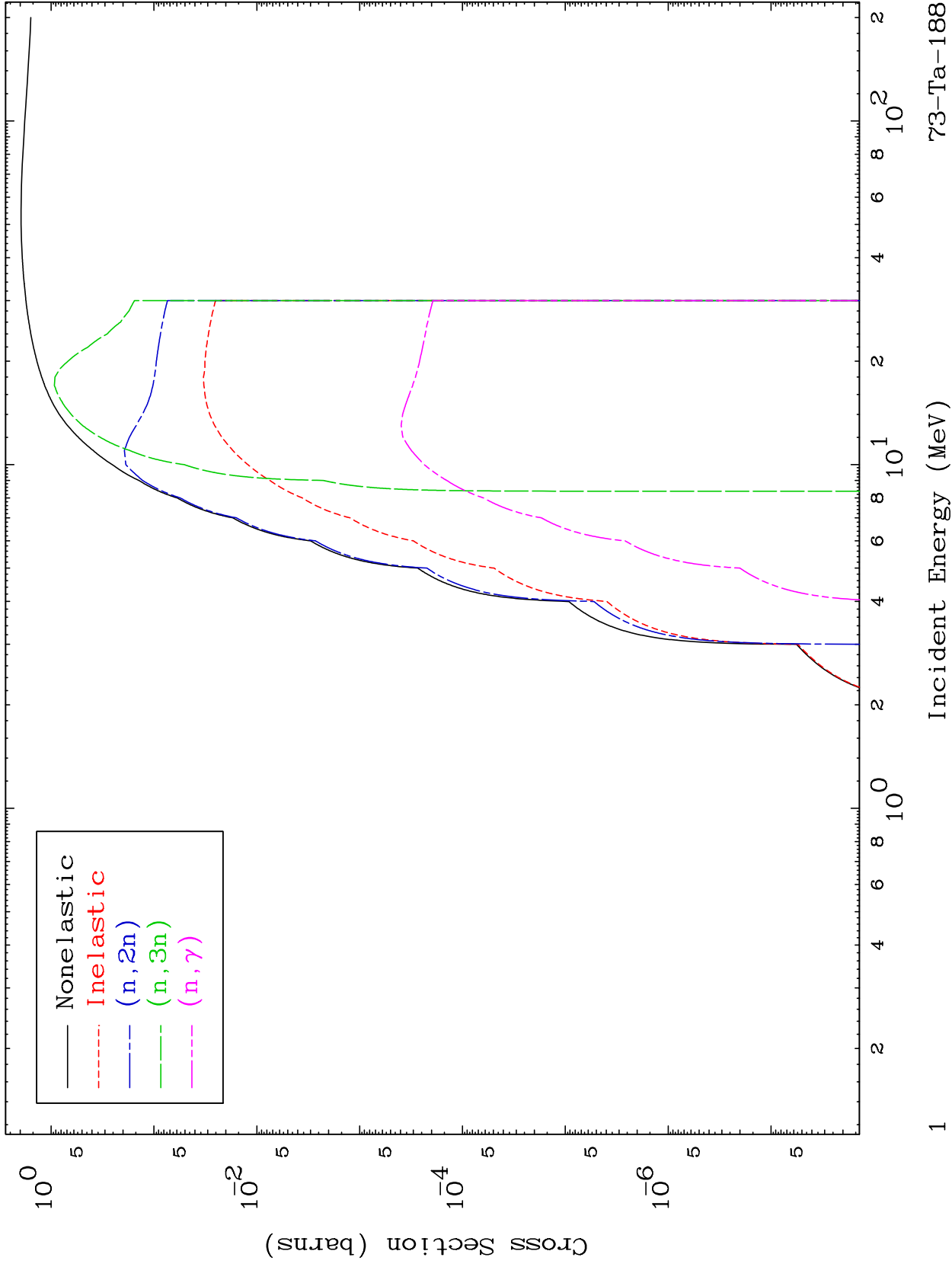
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

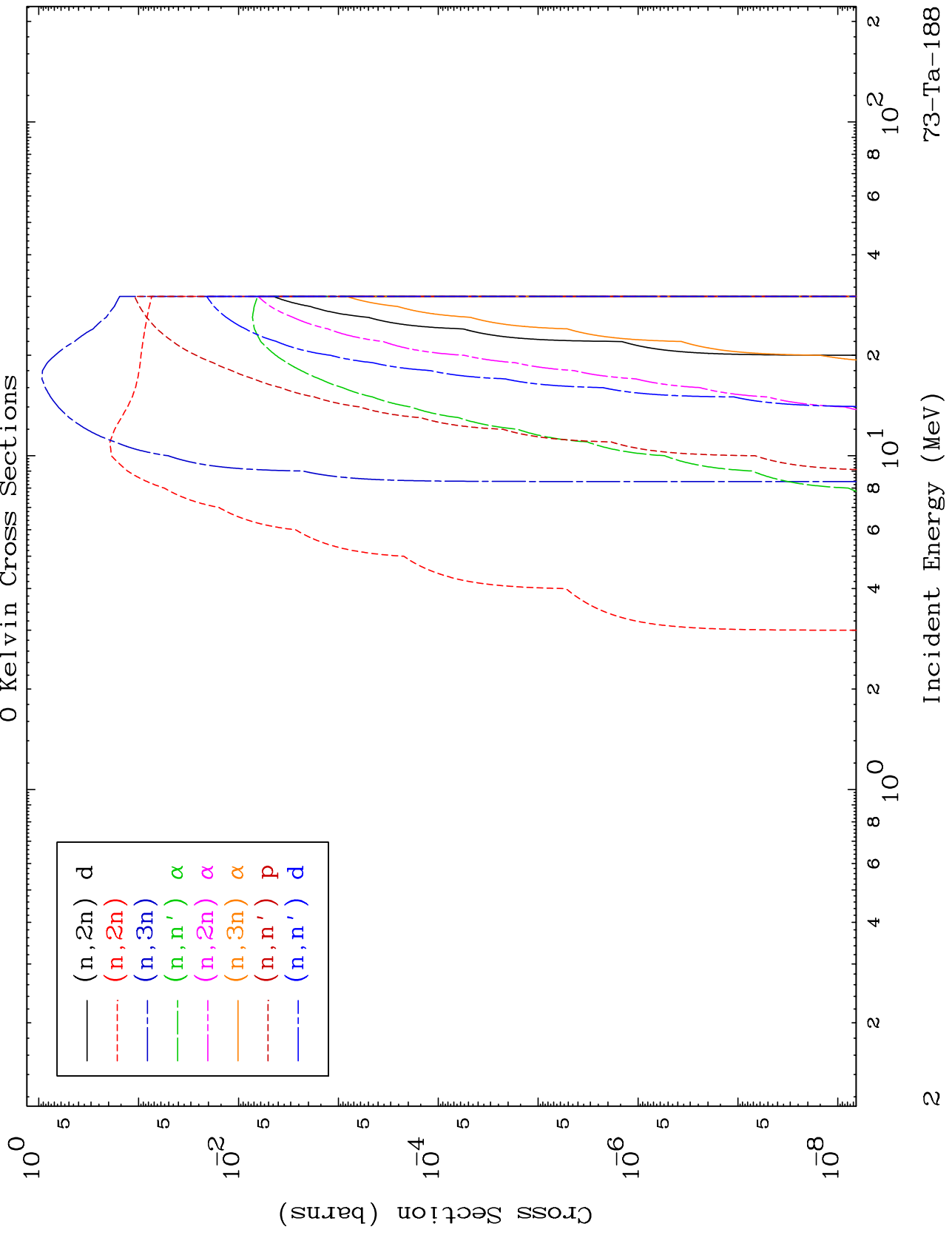
Press Mouse Button to Start



MAT 7349

Proton Neutron Absorption  
0 Kelvin Cross Sections

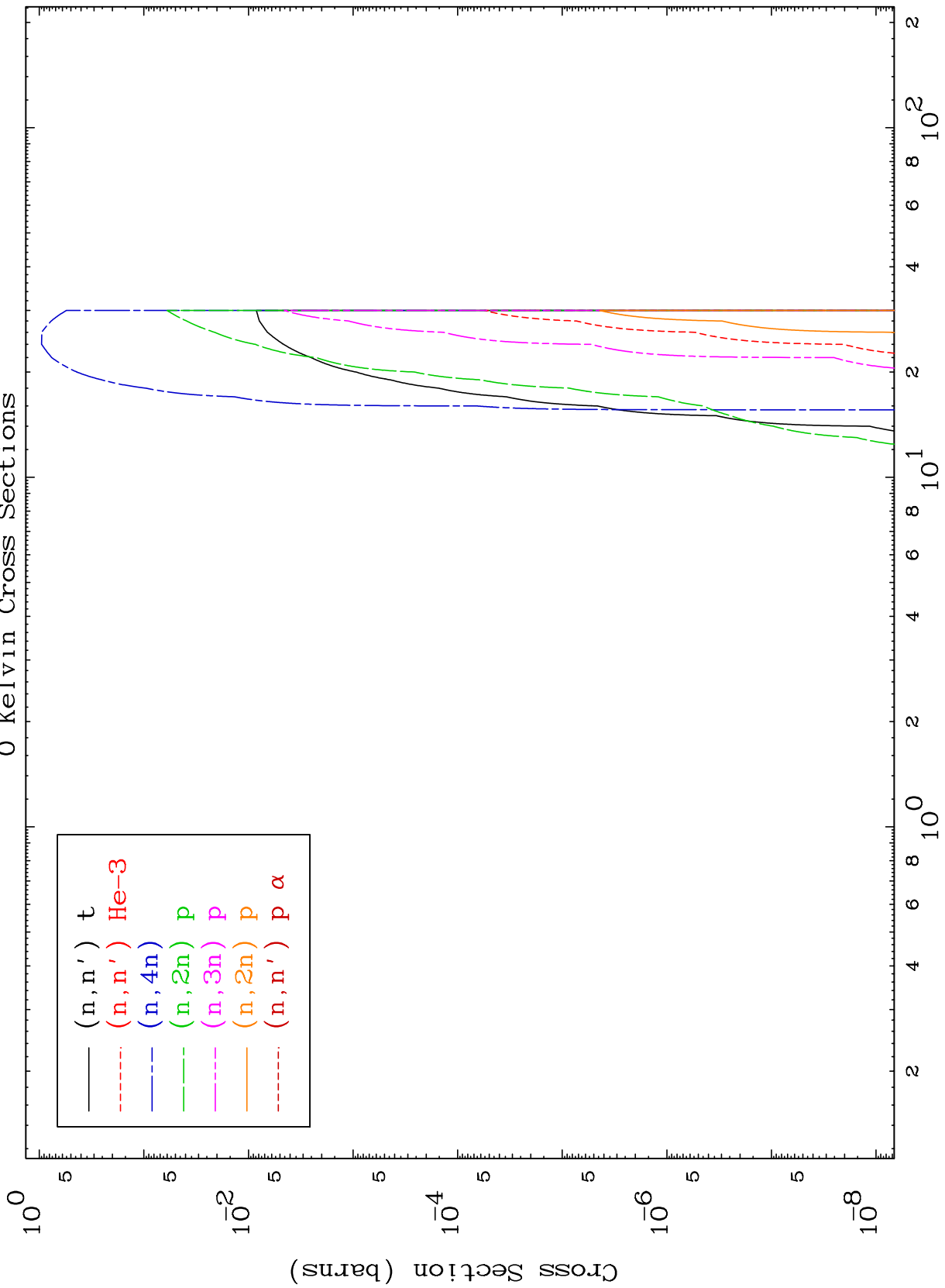
73-Ta-188



MAT 7349

Proton Neutron Absorption  
0 Kelvin Cross Sections

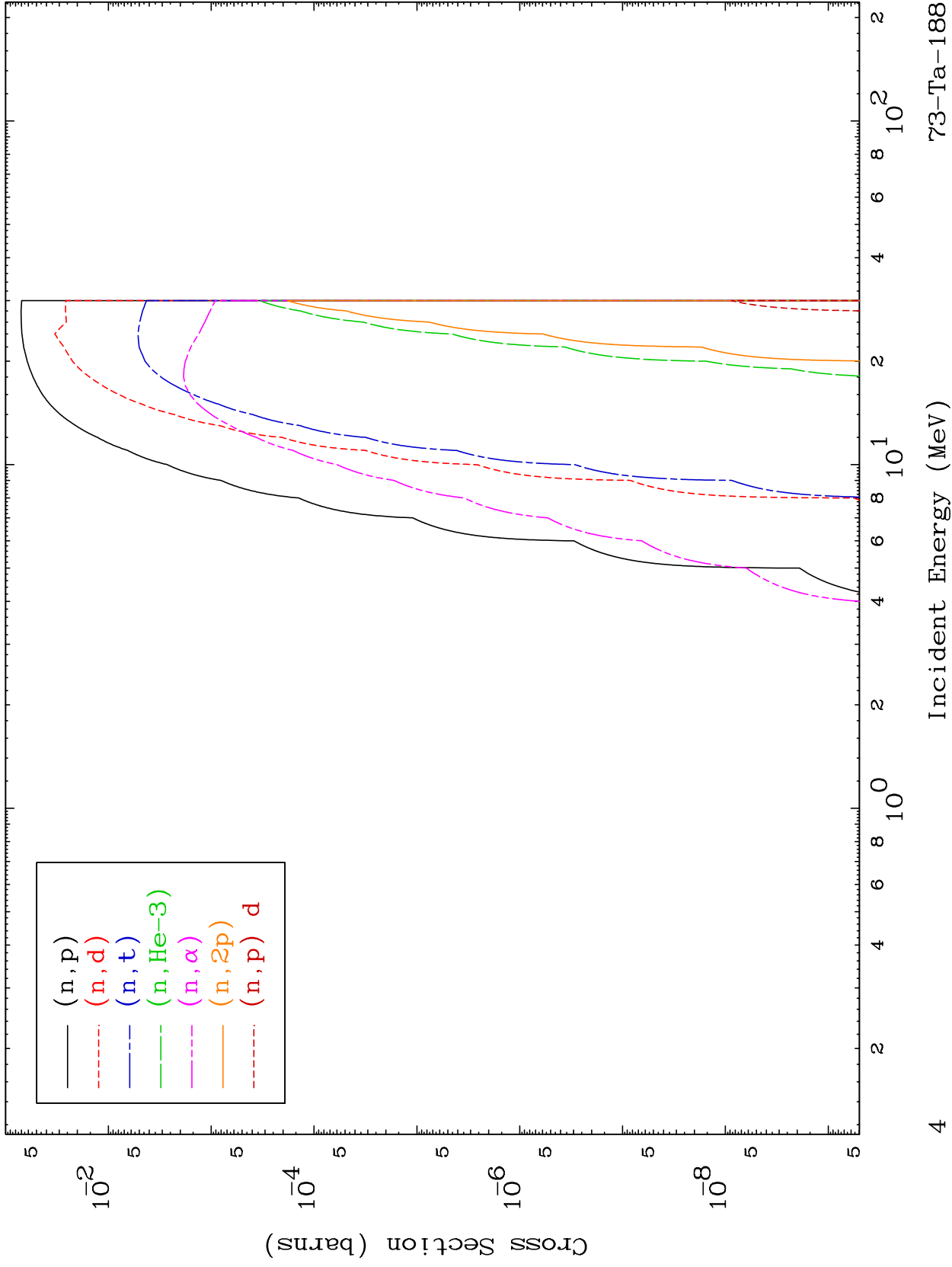
73-Ta-188



MAT 7349

Proton Neutron Absorption  
0 Kelvin Cross Sections

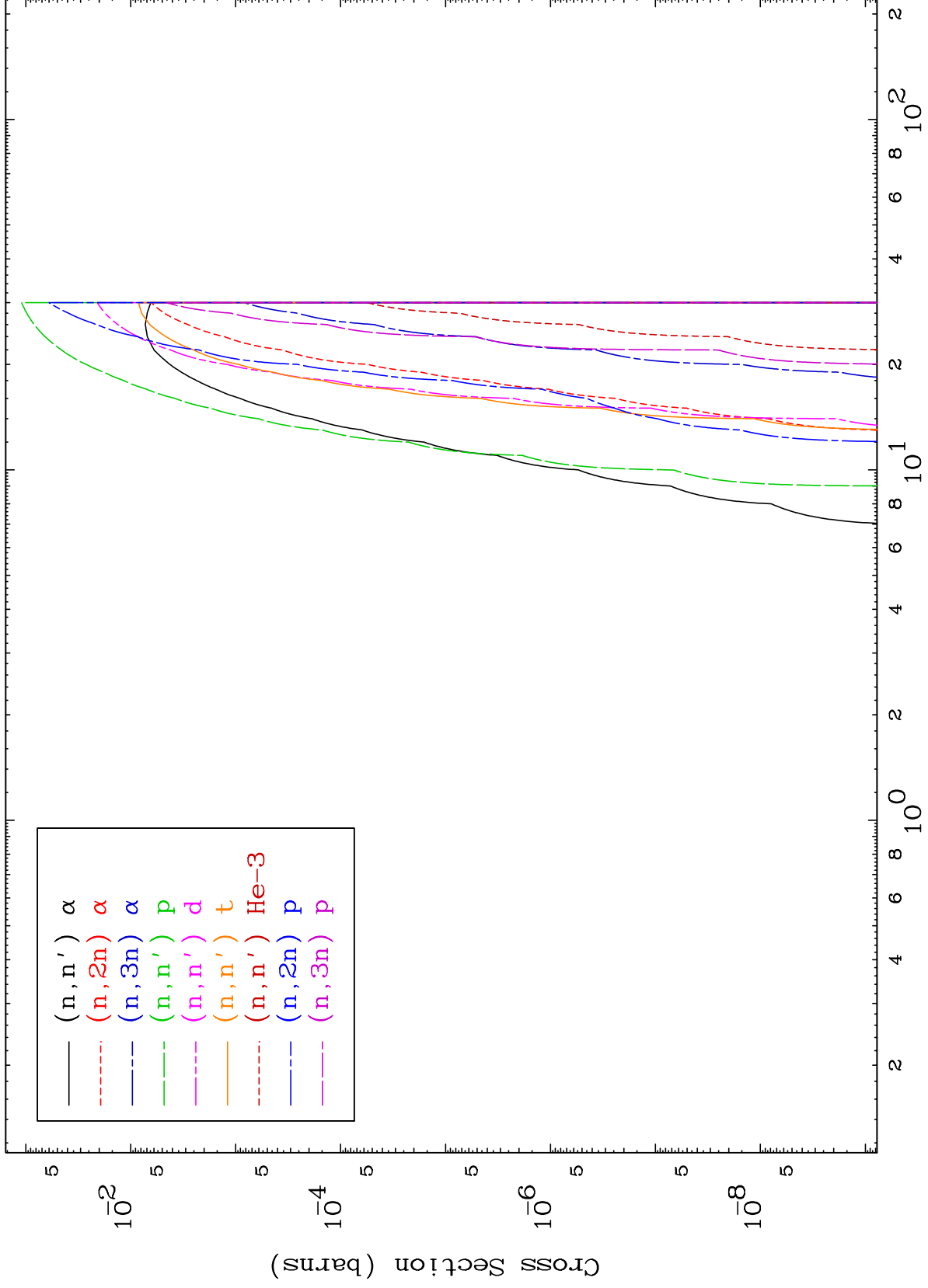
73-Ta-188



MAT 7349

Proton Charged Particle  
0 Kelvin Cross Sections

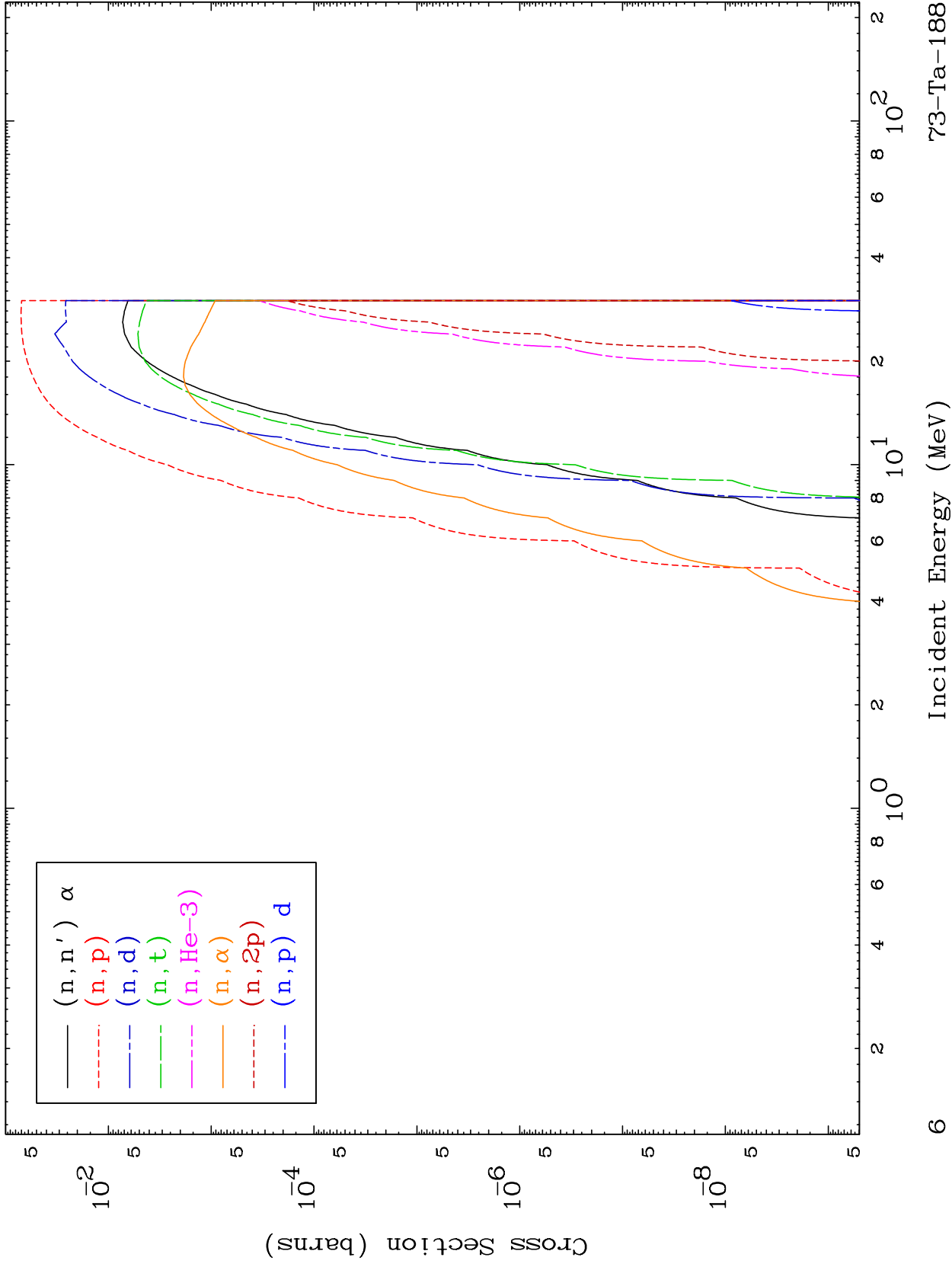
73-Ta-188



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Proton Charged Particle  
0 Kelvin Cross Sections

73-Ta-188

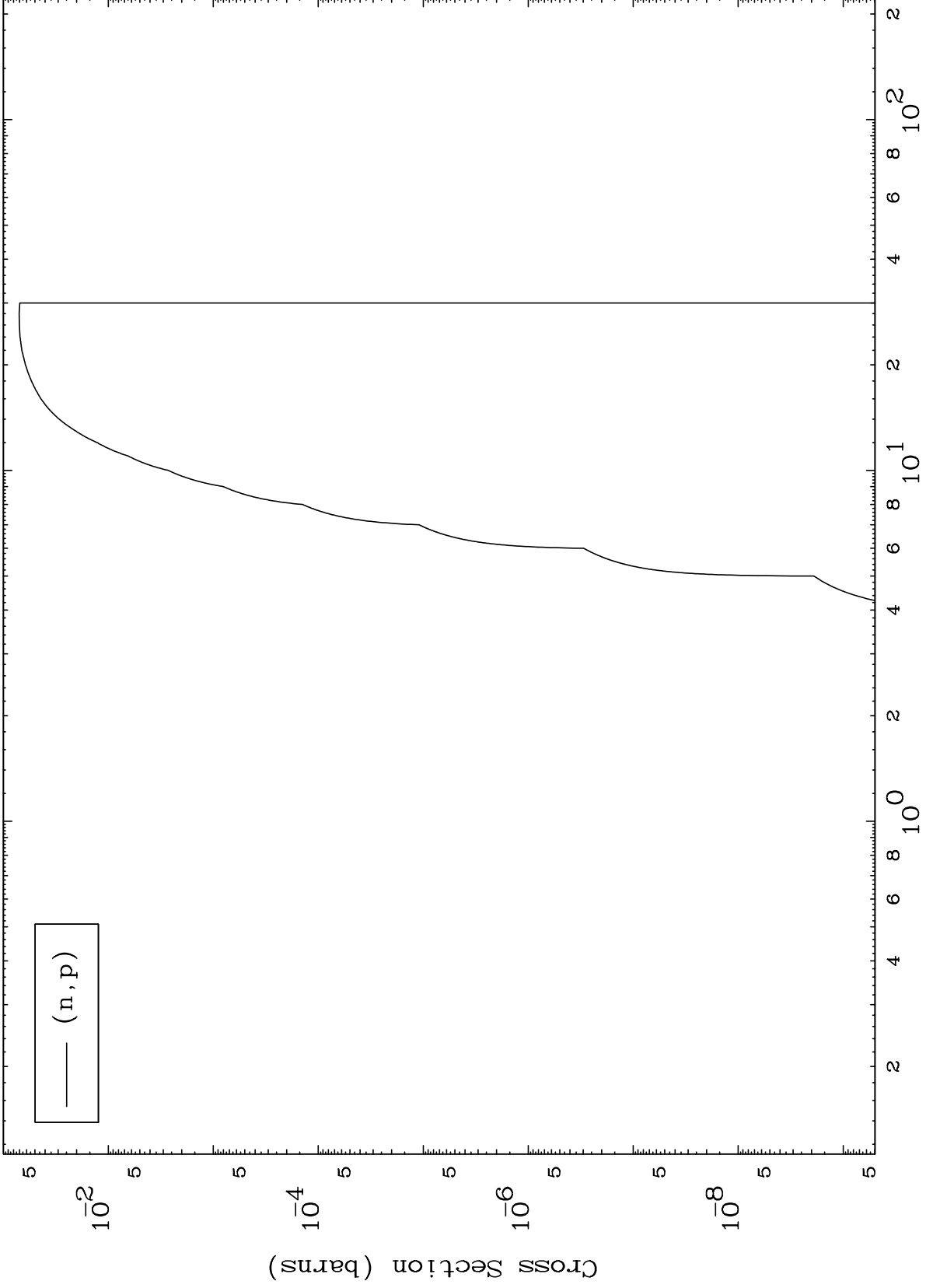


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(p,p) Levels

73-Ta-188

0 Kelvin Cross Sections



7

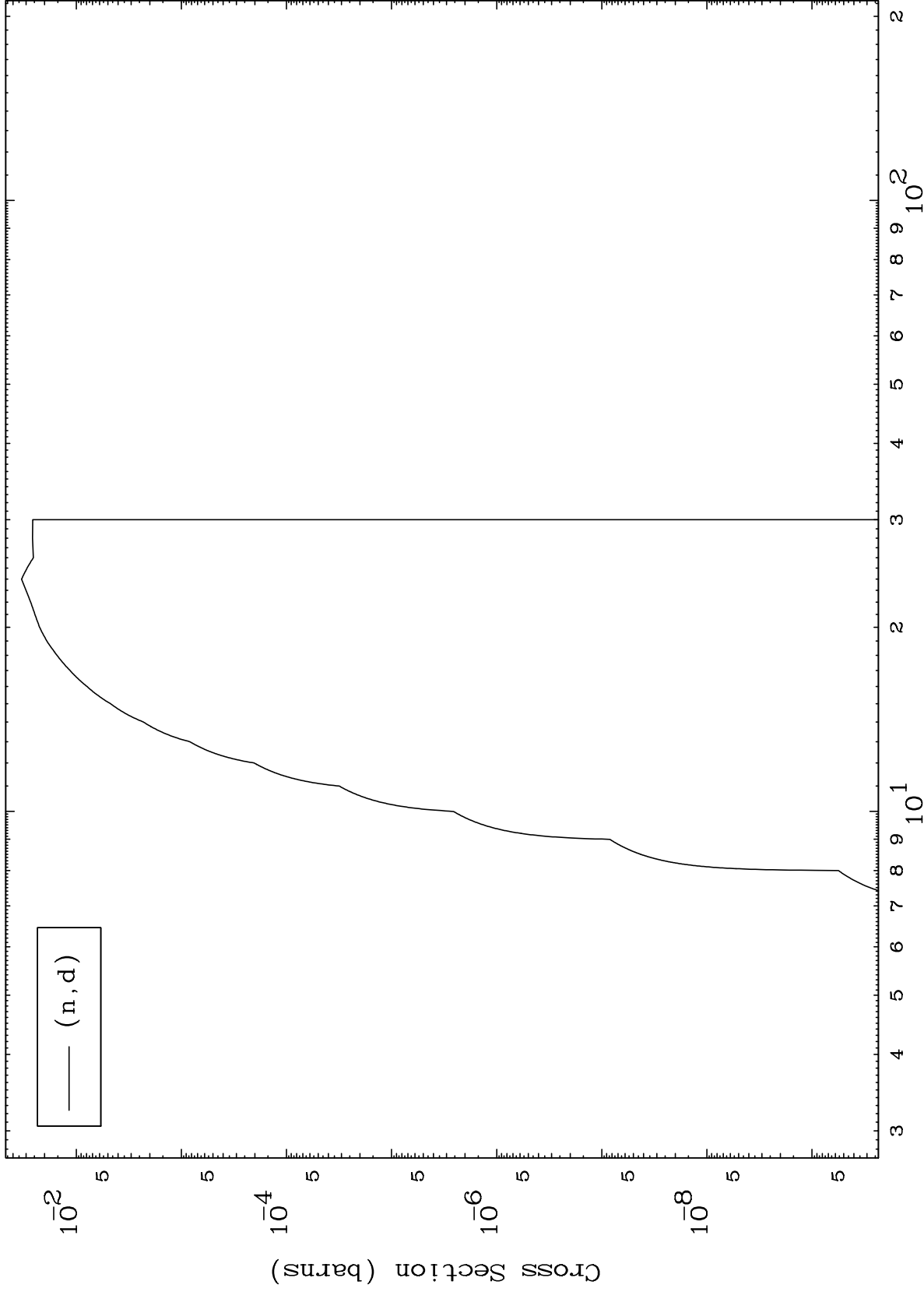
Incident Energy (MeV)

73-Ta-188

MAT 7349

(p,d) Levels  
0 Kelvin Cross Sections

<sup>73</sup>Ta-188



8

Incident Energy (MeV)

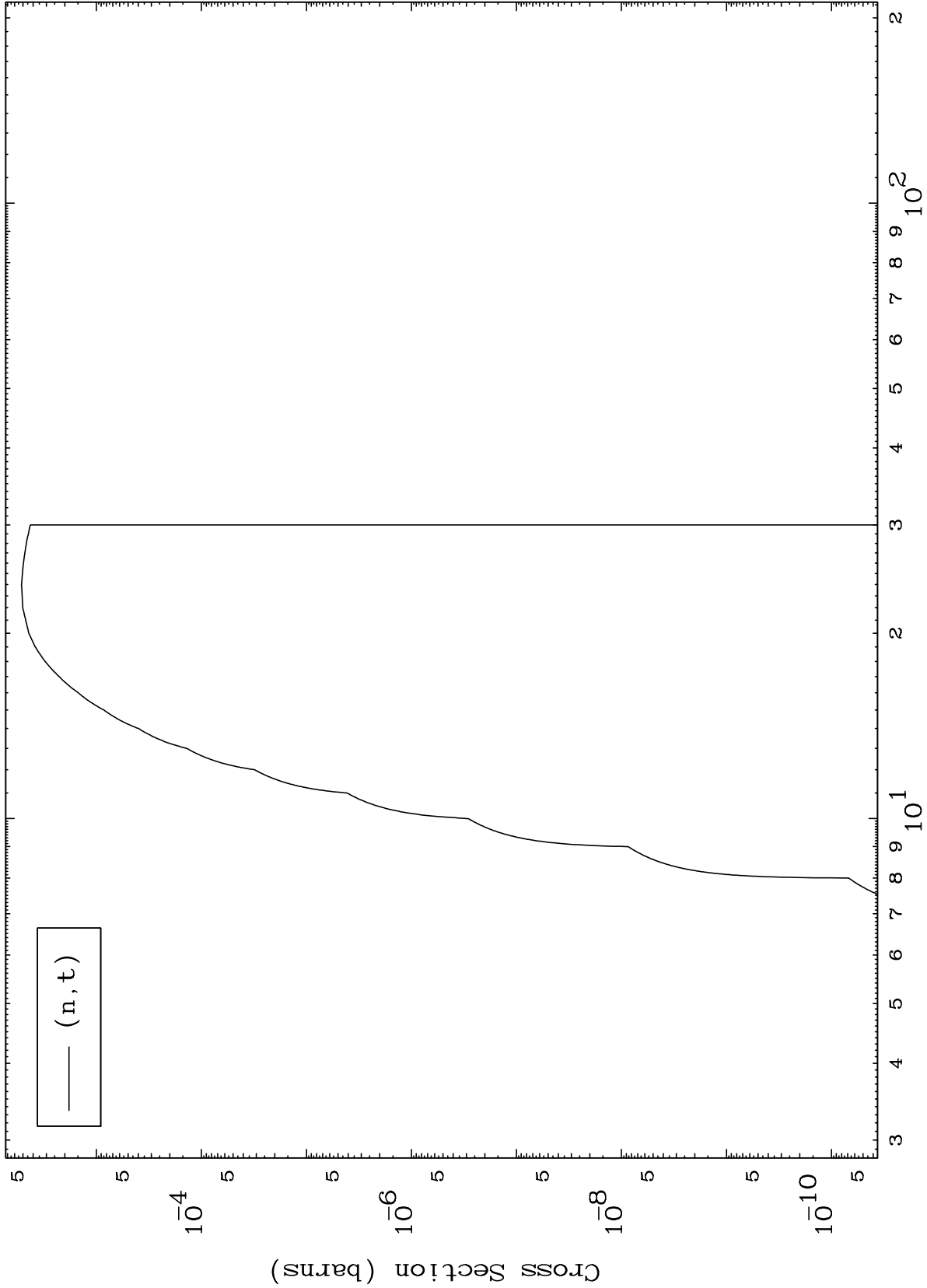
<sup>73</sup>Ta-188

MAT 7349

(p, t) Levels

<sup>73</sup>Ta-188

0 Kelvin Cross Sections



9

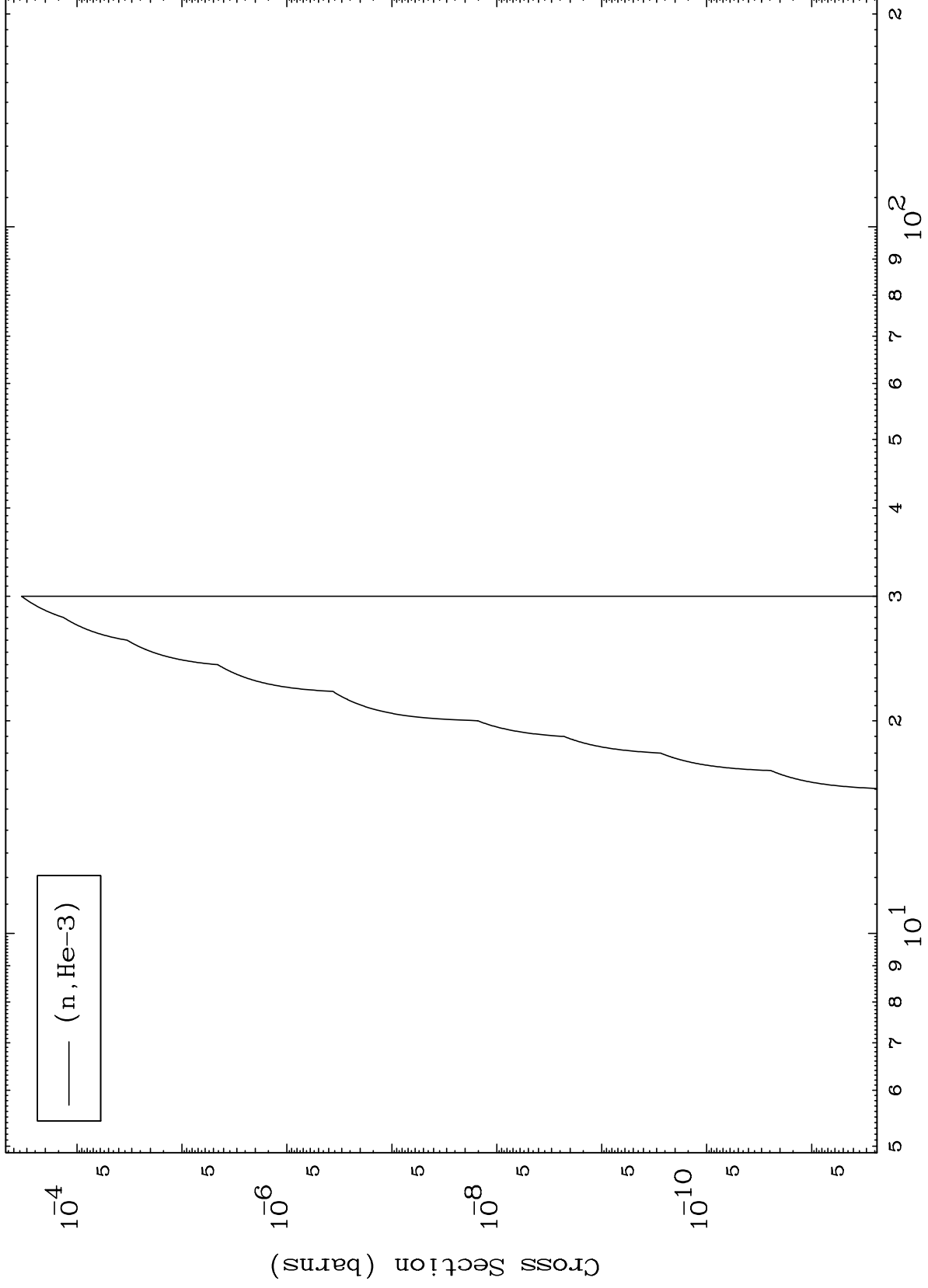
Incident Energy (MeV)

<sup>73</sup>Ta-188

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(p,He3) Levels  
0 Kelvin Cross Sections

73-Ta-188



10

Incident Energy (MeV)

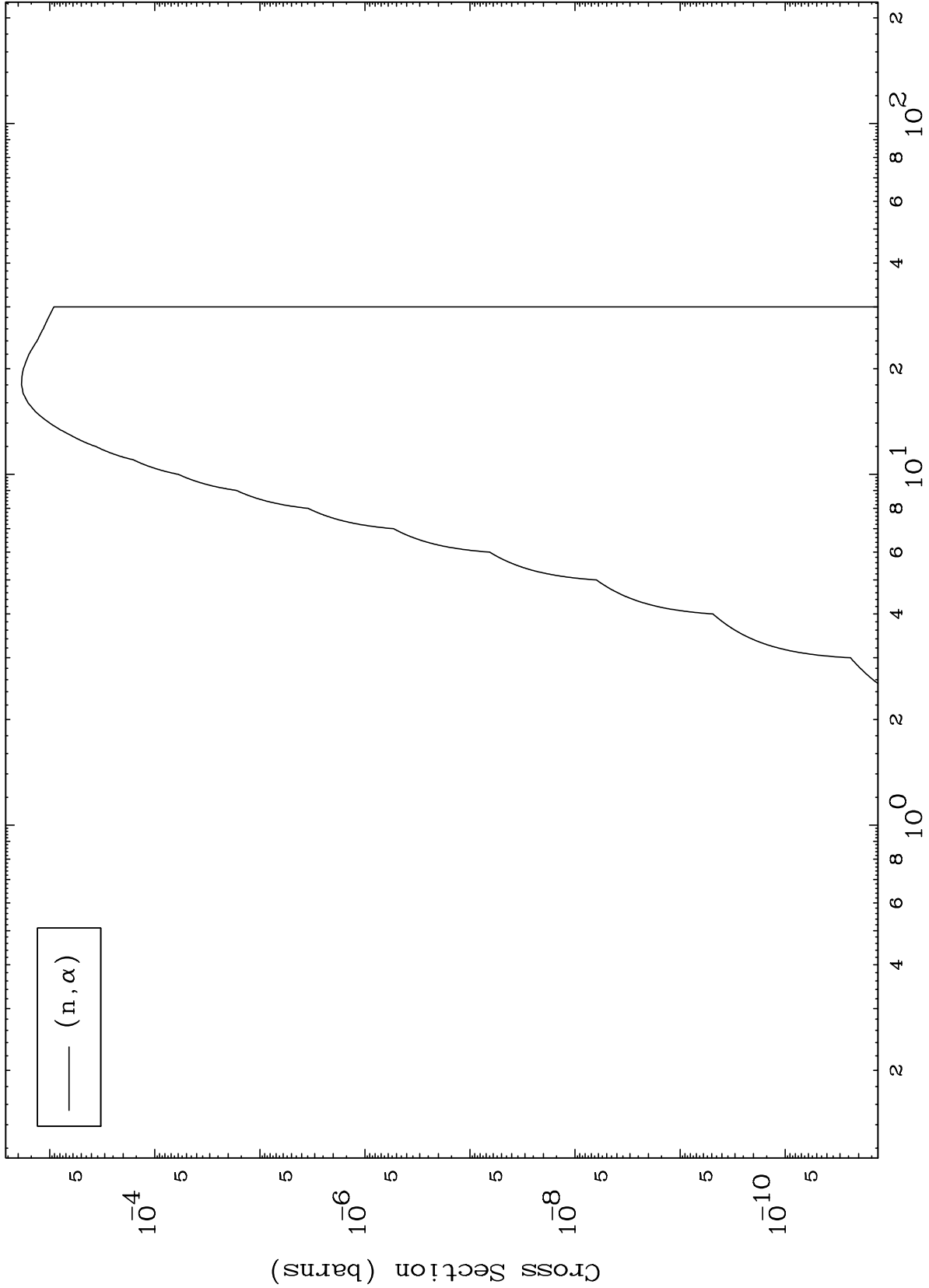
73-Ta-188

MAT 7349

(p,  $\alpha$ ) Levels

<sup>73</sup>Ta-188

0 Kelvin Cross Sections

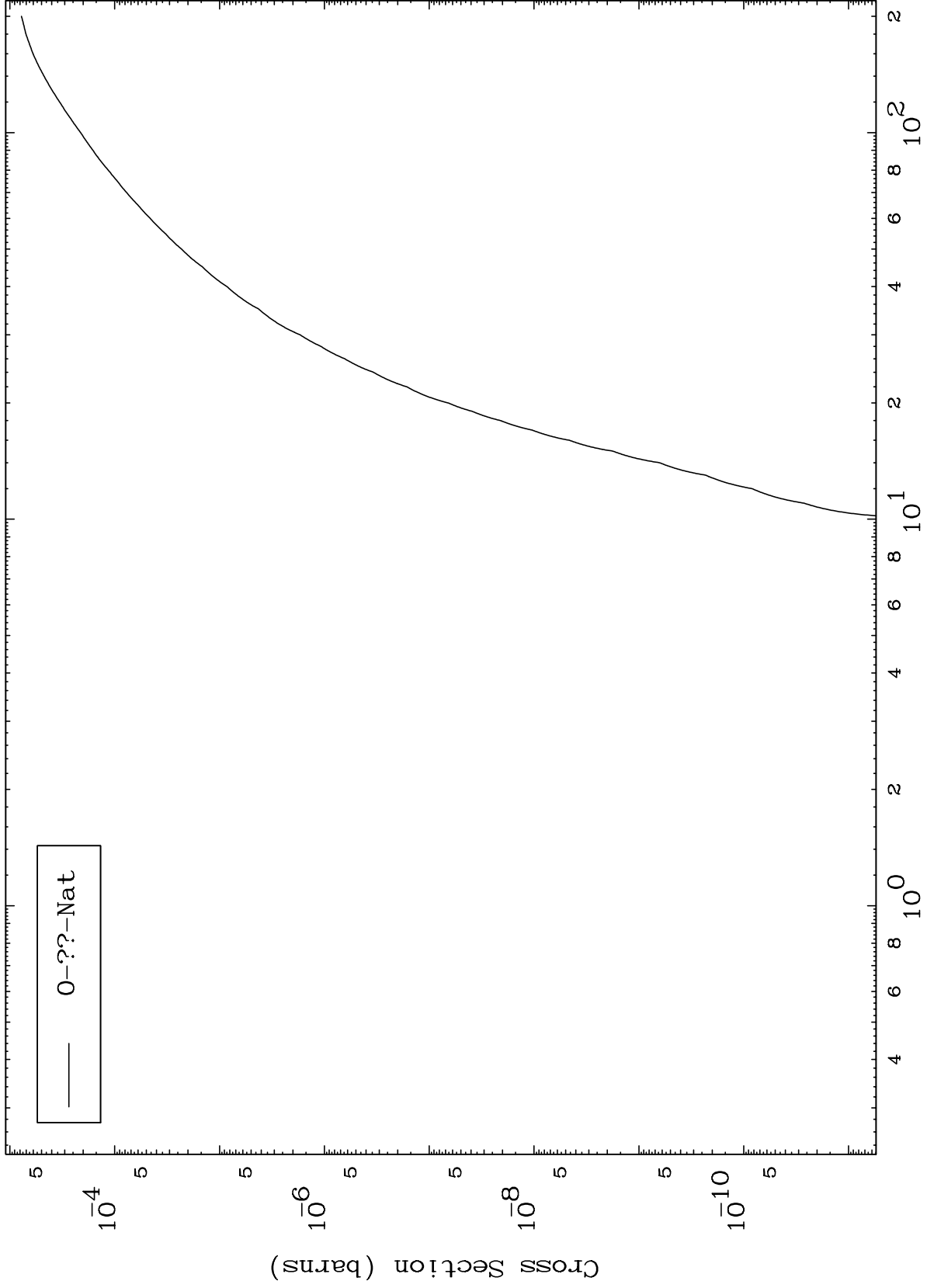


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Fission

<sup>73</sup>Ta-188

Radionuclide Production Cross Section



12

Incident Energy (MeV)

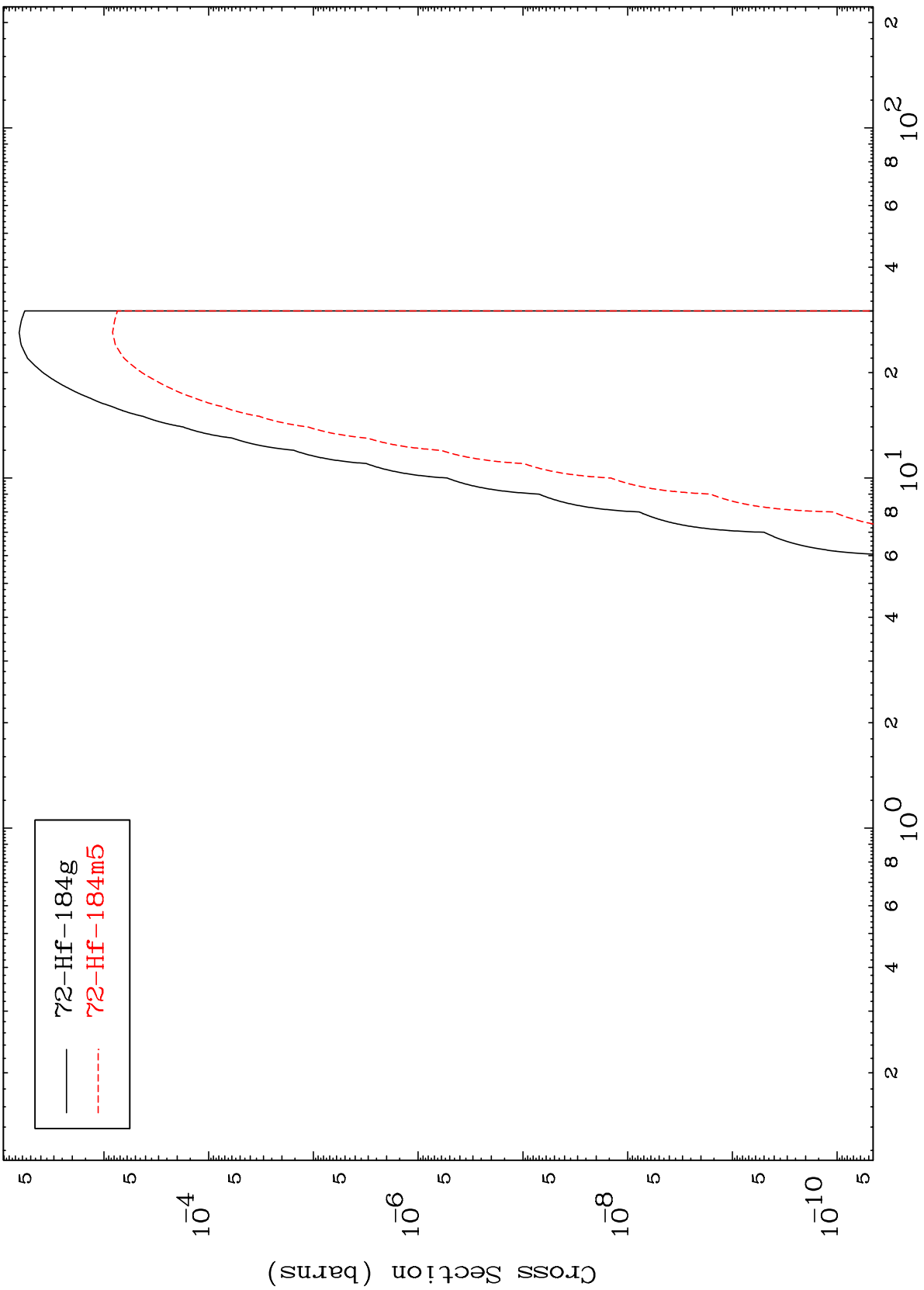
<sup>73</sup>Ta-188

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$(n, n') \alpha$

$^{73}\text{Ta-188}$

Radionuclide Production Cross Section

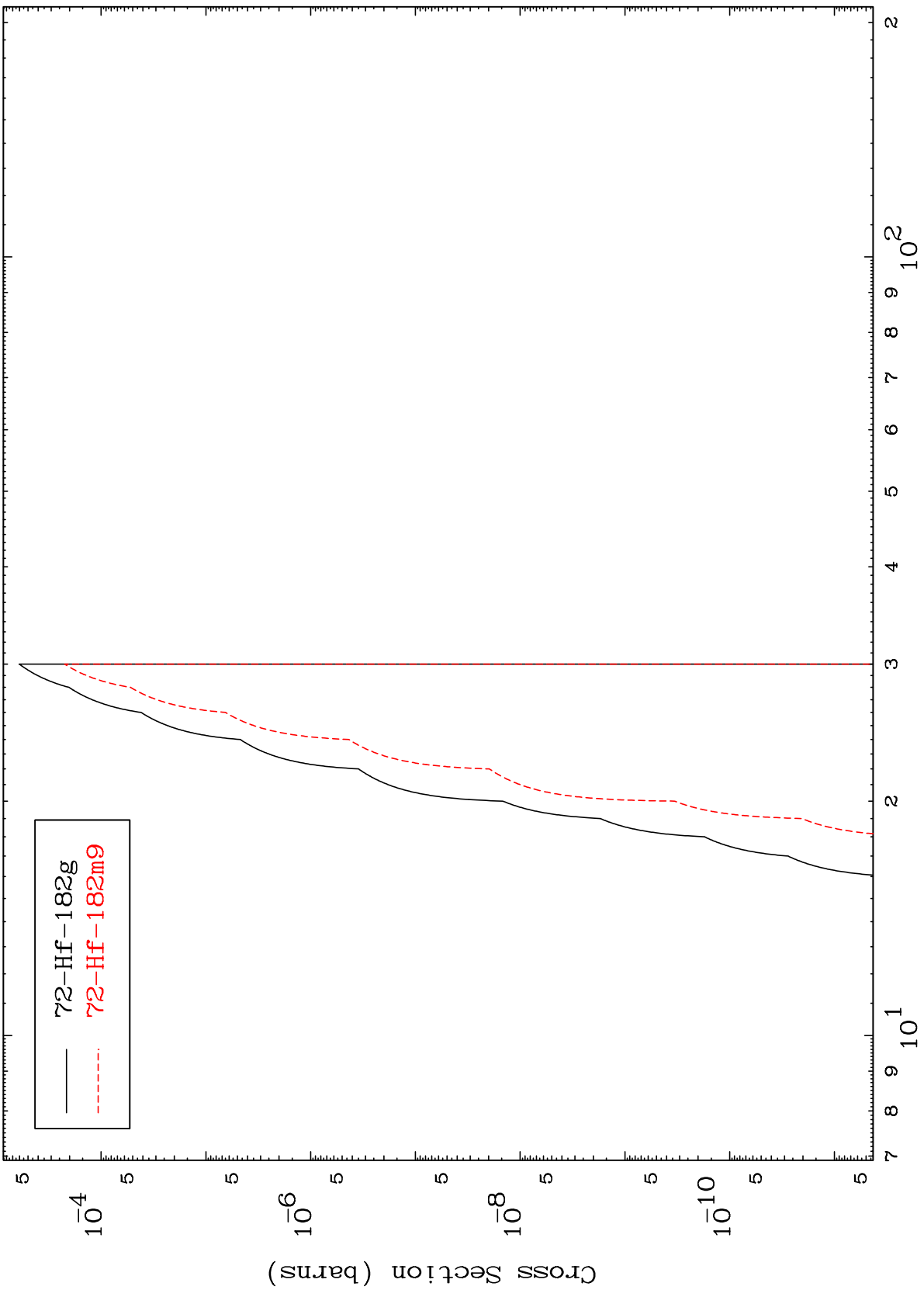


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(n,3n)  $\alpha$

<sup>73</sup>Ta-188

Radionuclide Production Cross Section



14

Incident Energy (MeV)

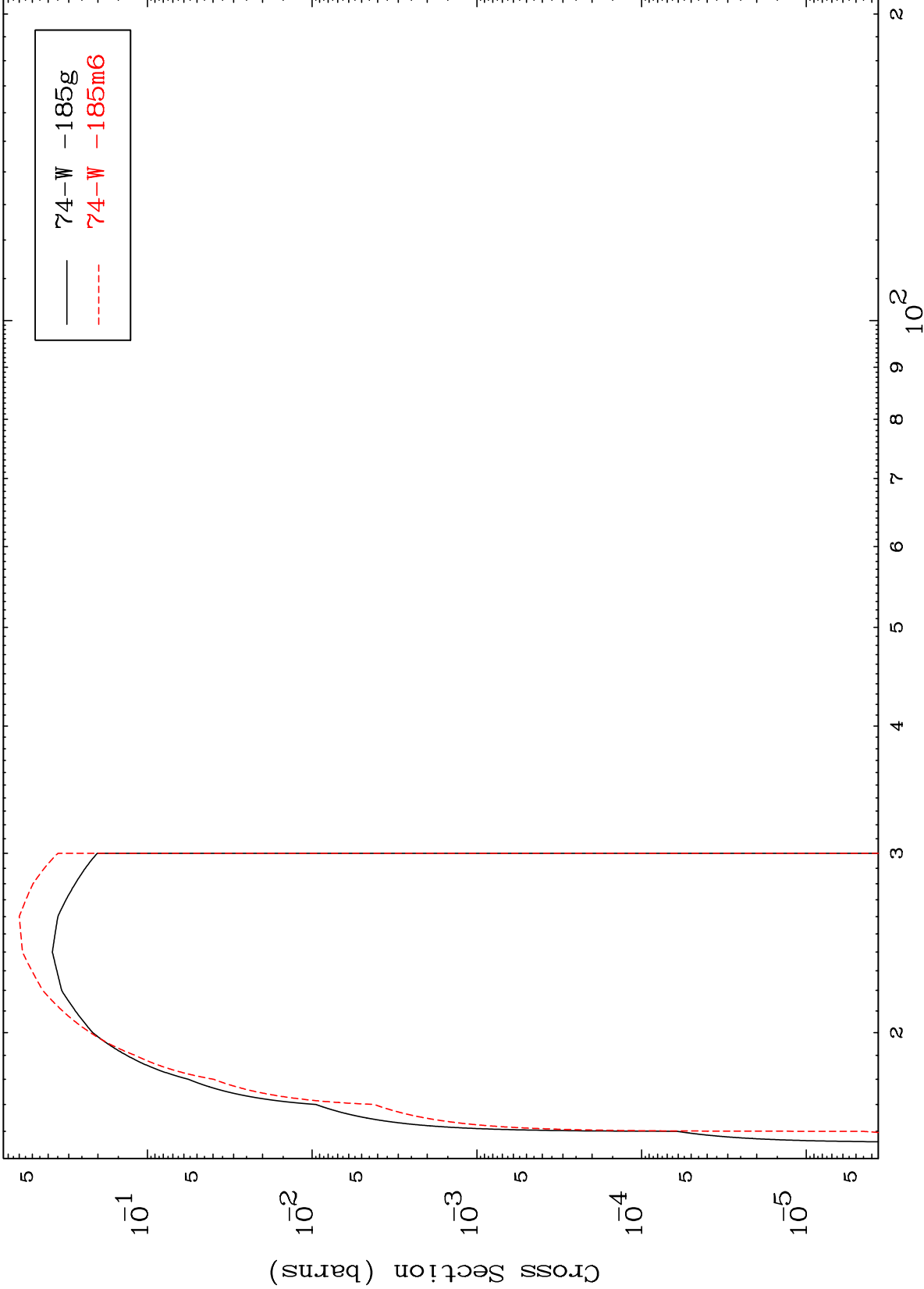
<sup>73</sup>Ta-188

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(n,4n)

<sup>73</sup>Ta-188

Radionuclide Production Cross Section



15

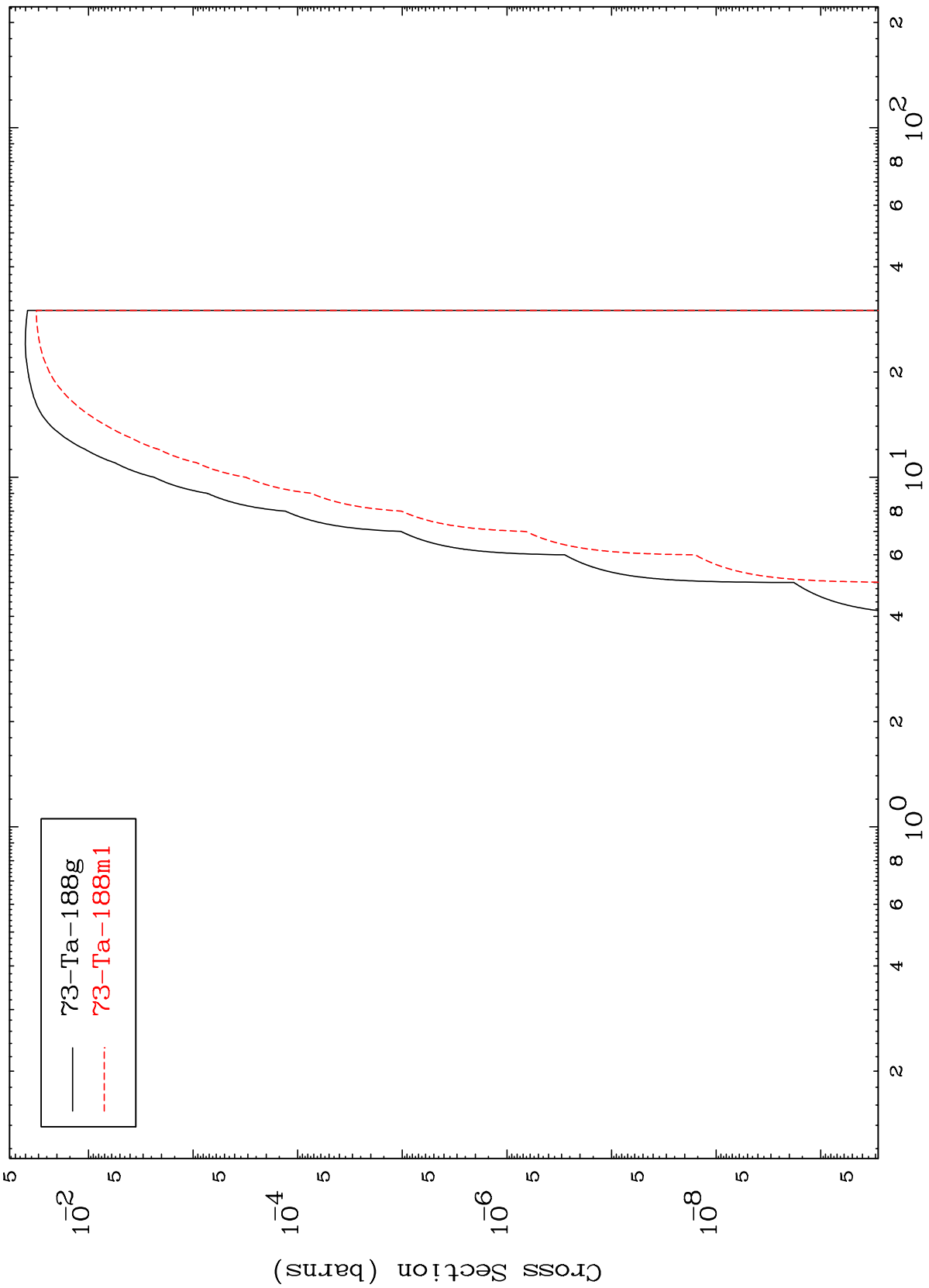
Incident Energy (MeV)

<sup>73</sup>Ta-188

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<sup>73</sup>Ta-188

(n,p)  
Radionuclide Production Cross Section



— <sup>73</sup>Ta-188g  
- - - <sup>73</sup>Ta-188m1

<sup>73</sup>Ta-188

Incident Energy (MeV)

16