

Program EVALPLOT  
(Version 2021-1)

by

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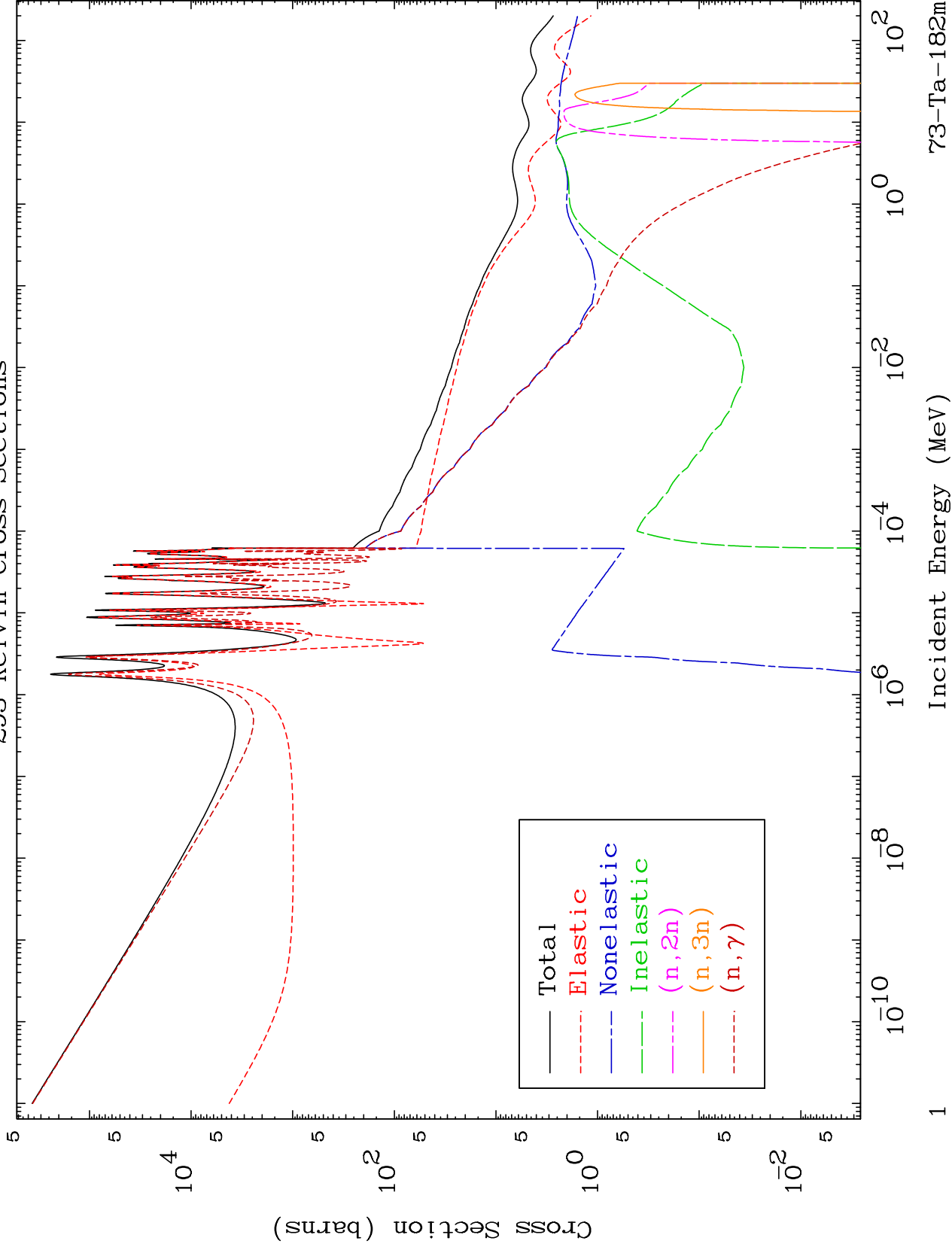
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7332

Neutron Major  
293 Kelvin Cross Sections

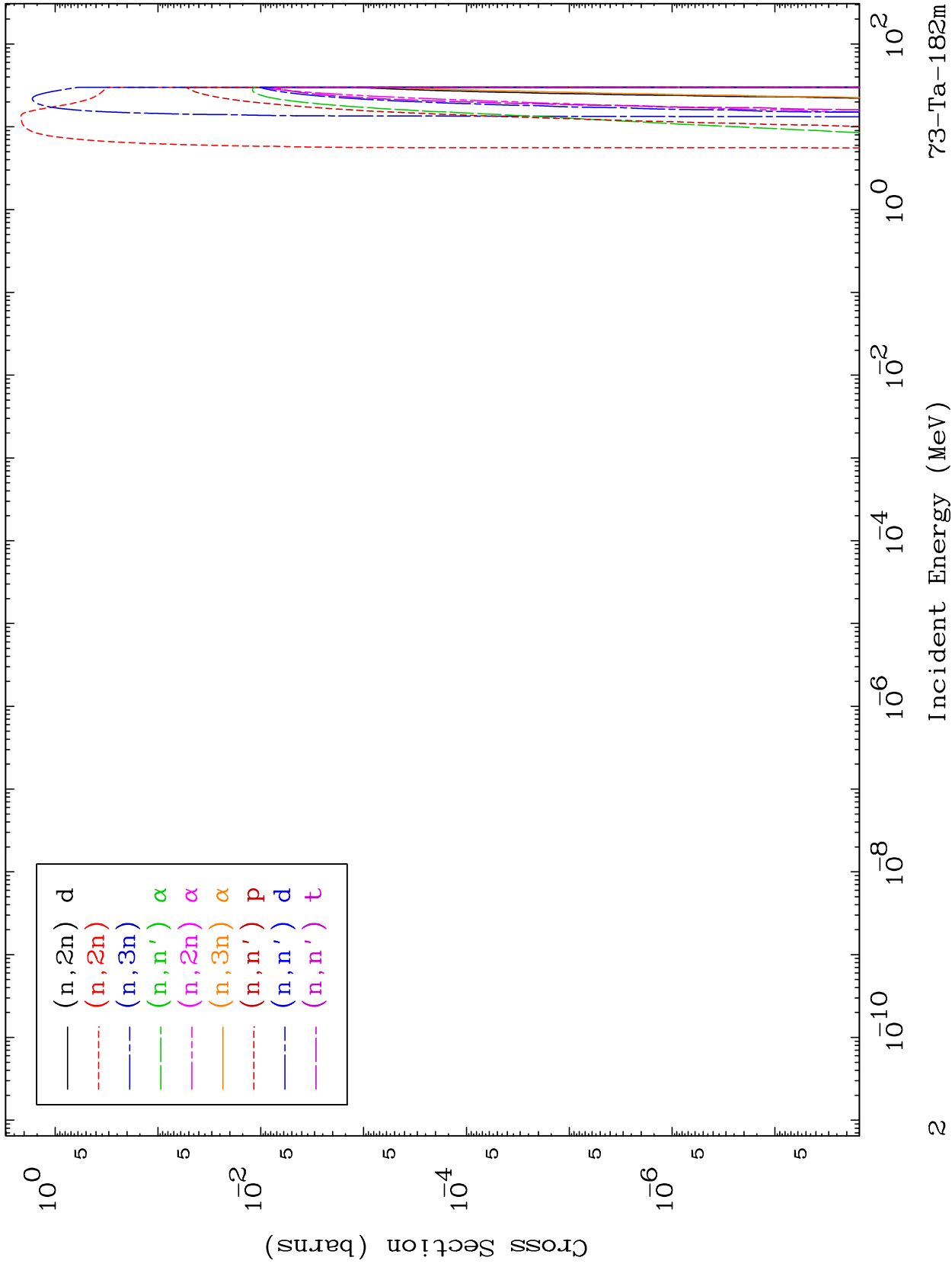
73-Ta-182m



MAT 7332

Neutron Absorption  
293 Kelvin Cross Sections

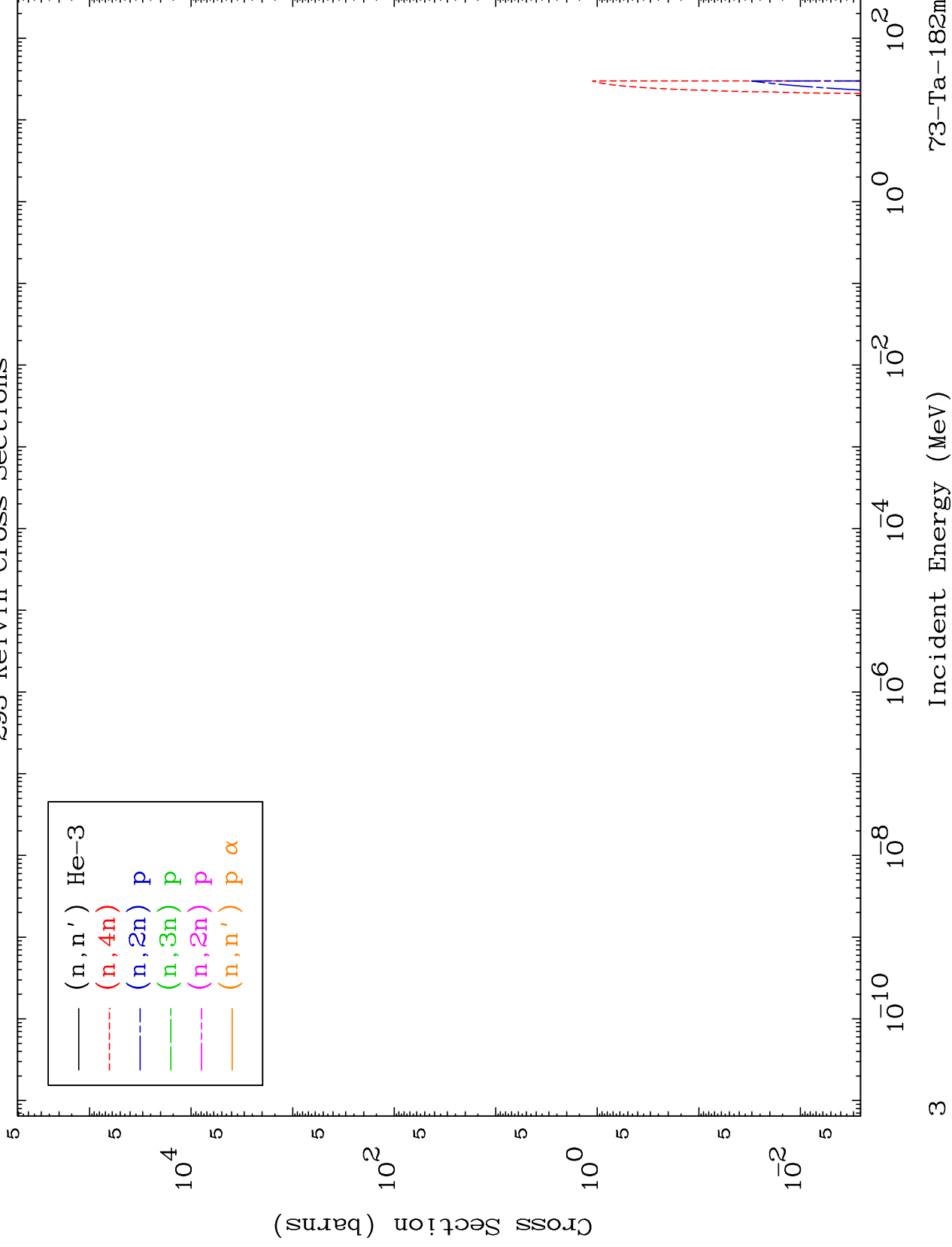
<sup>73</sup>Ta-182m



MAT 7332

Neutron Absorption  
293 Kelvin Cross Sections

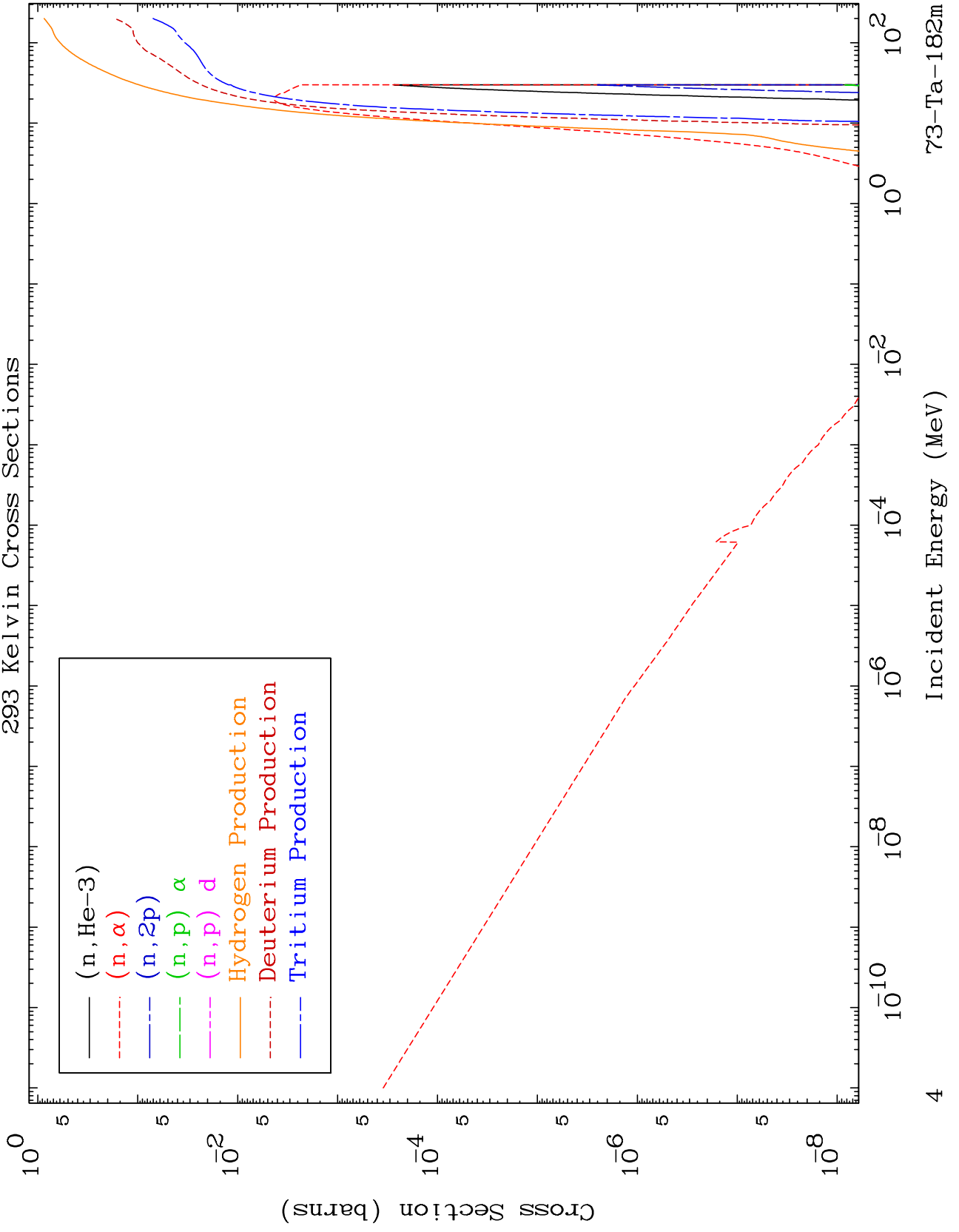
<sup>73</sup>Ta-182m



MAT 7332

Neutron Absorption  
293 Kelvin Cross Sections

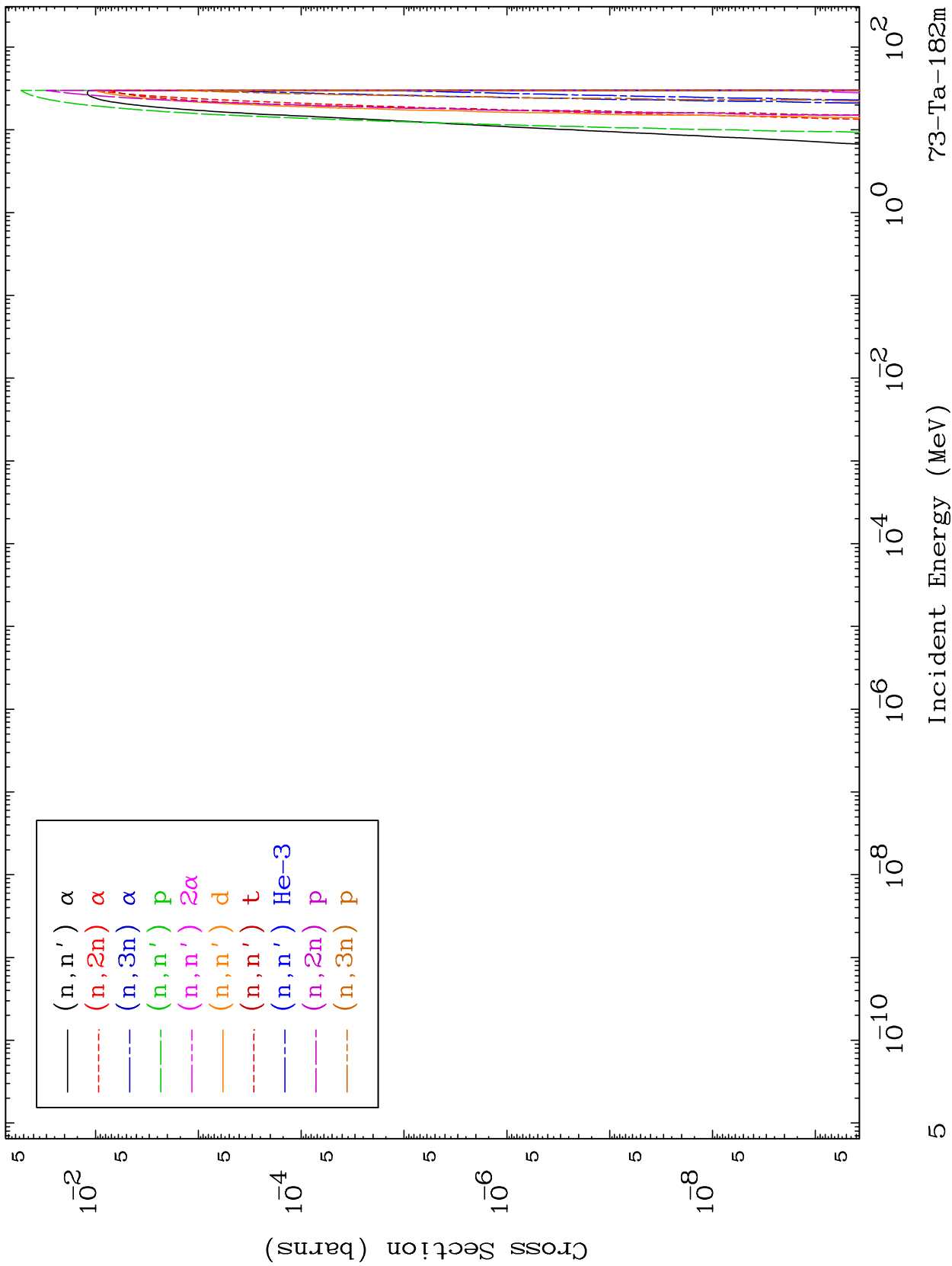
<sup>73</sup>Ta-182m



MAT 7332

Charged Particle  
293 Kelvin Cross Sections

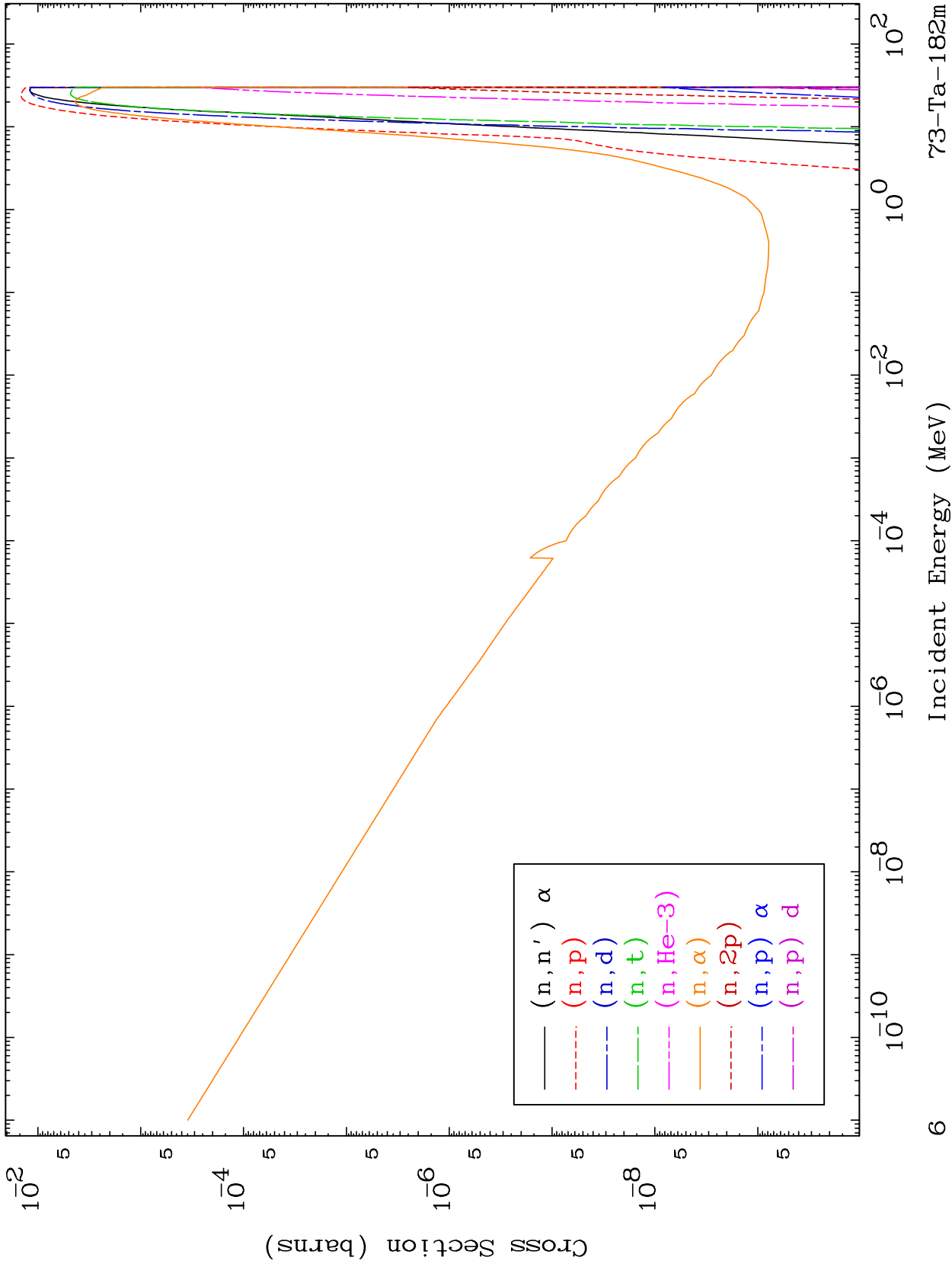
<sup>73</sup>Ta-182m



MAT 7332

Charged Particle  
293 Kelvin Cross Sections

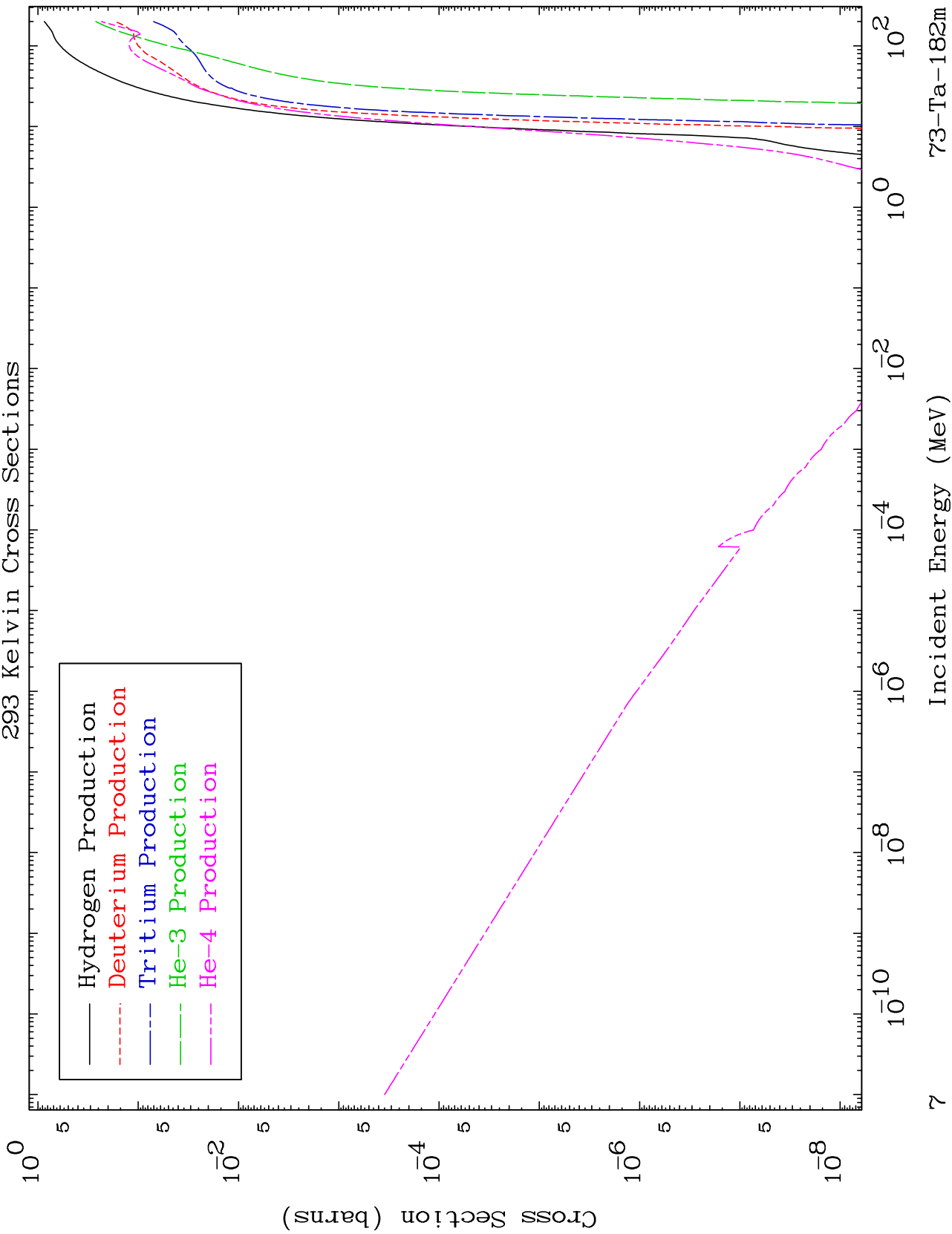
<sup>73</sup>Ta-182m



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Particle Production  
293 Kelvin Cross Sections

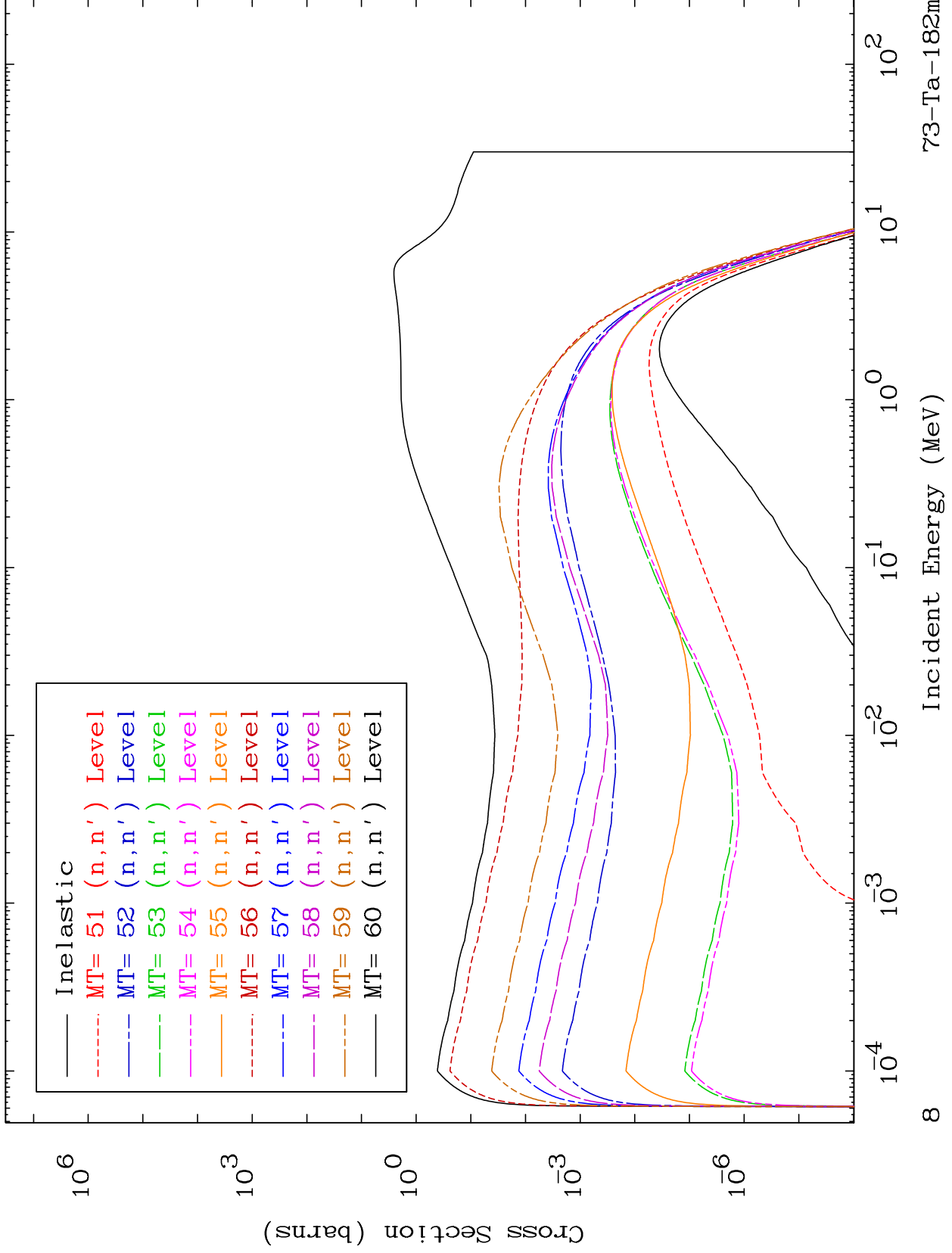
<sup>73</sup>Ta-182m



MAT 7332

293 Kelvin Cross Sections  
(n,n') Levels

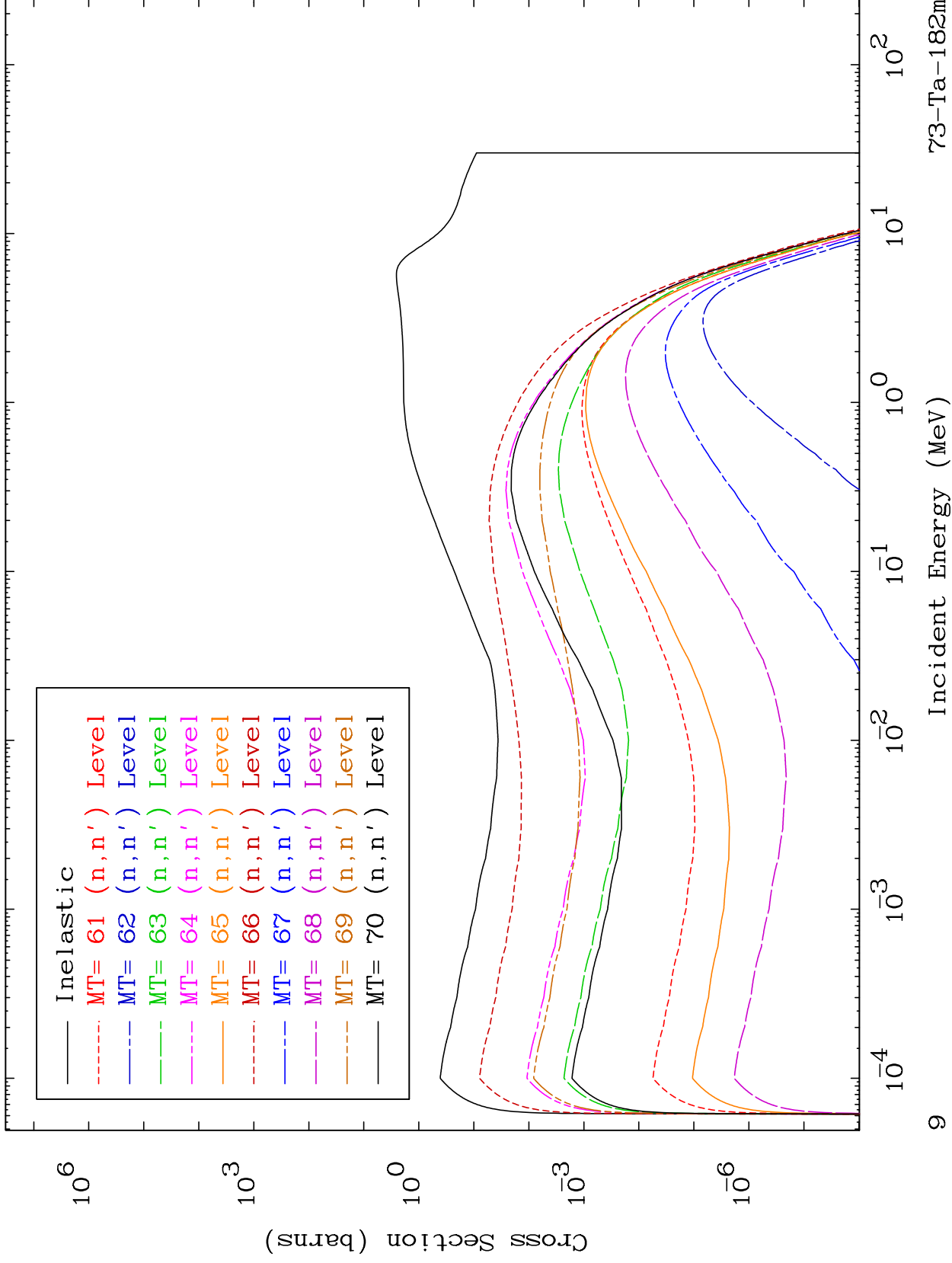
<sup>73</sup>Ta-182m



MAT 7332

(n,n') Levels  
293 Kelvin Cross Sections

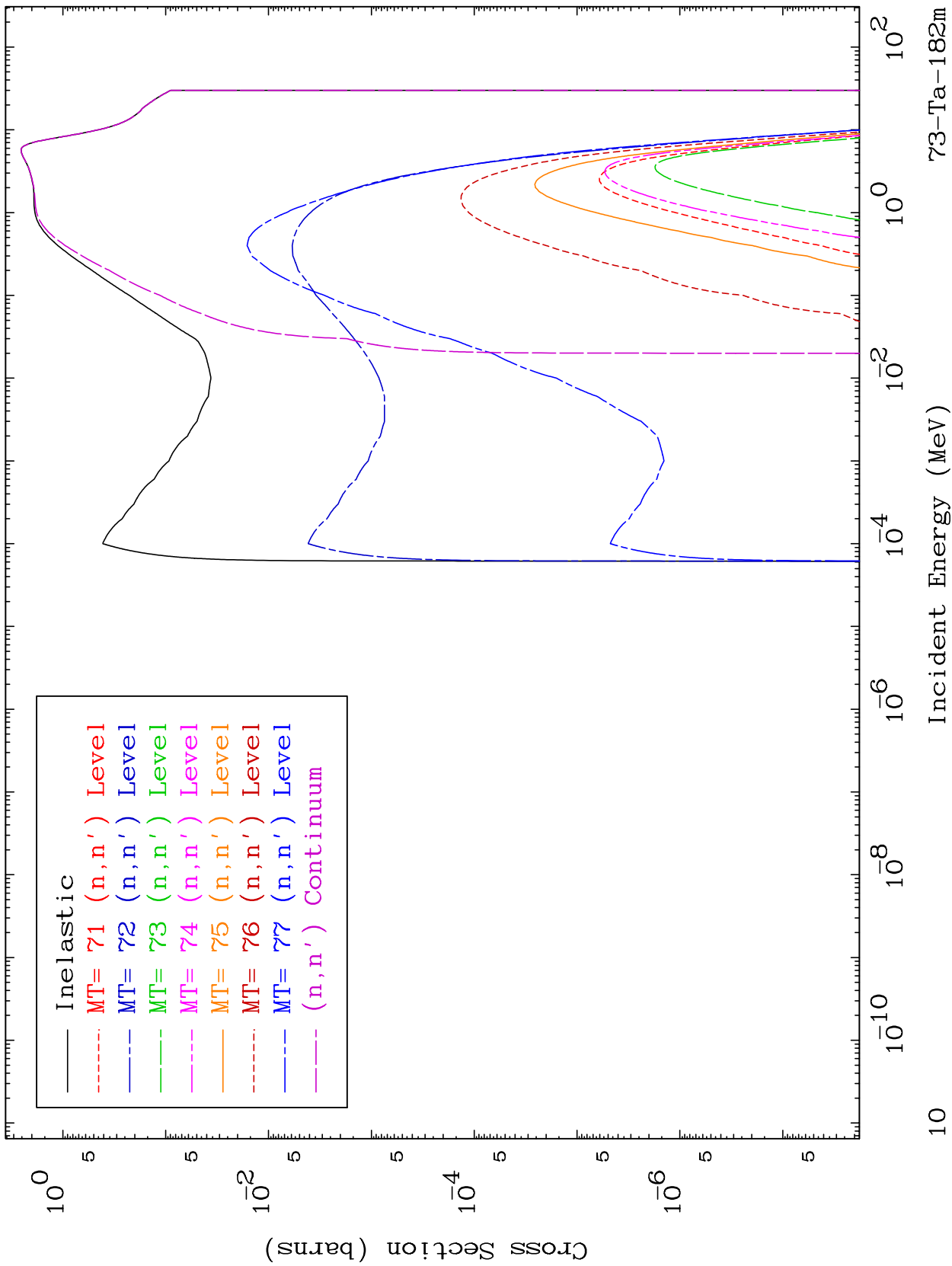
<sup>73</sup>Ta-182m



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293 Kelvin Cross Sections  
(n,n') Levels

73-Ta-182m



73-Ta-182m

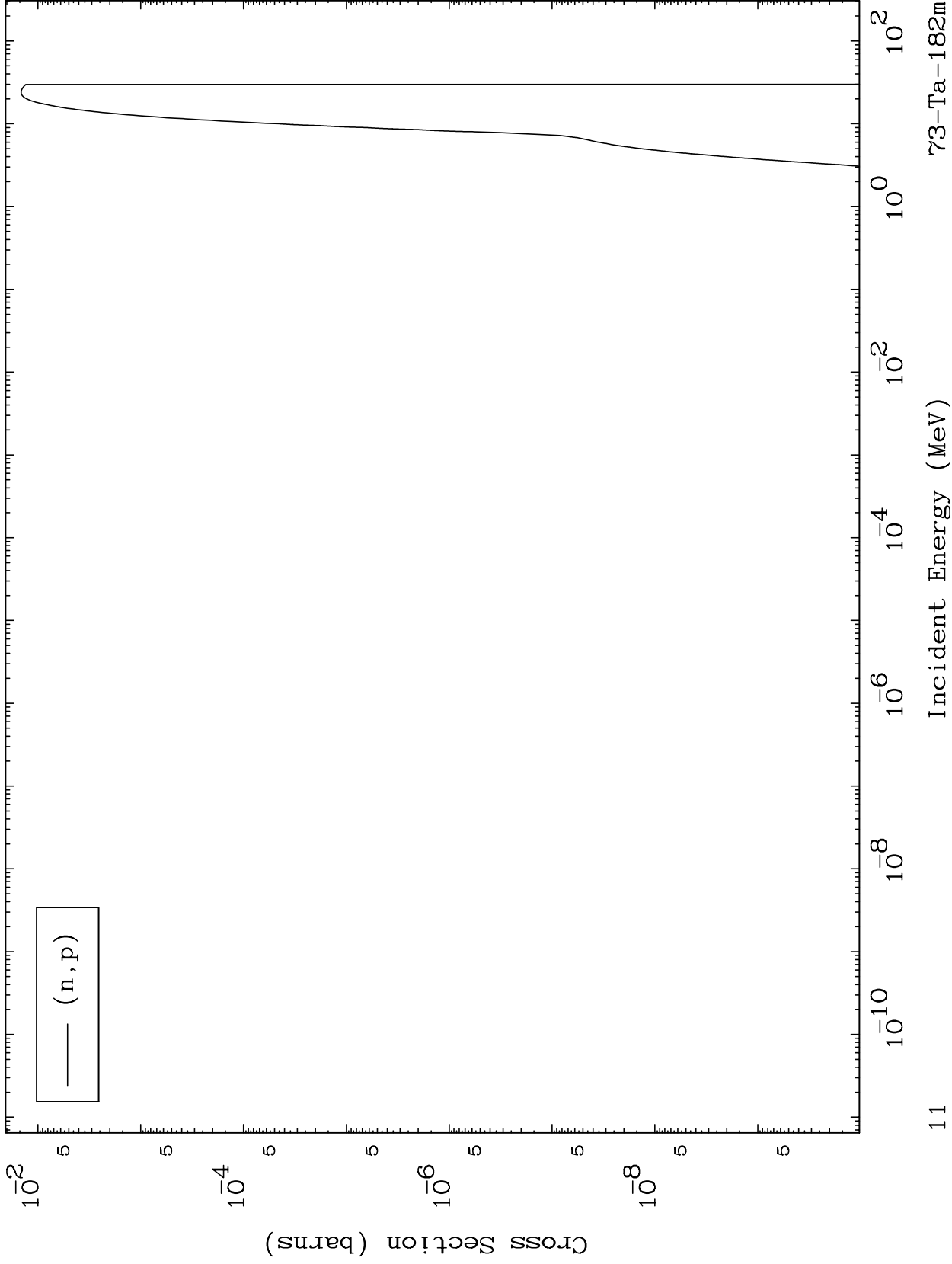
Incident Energy (MeV)

10

MAT 7332

(n,p) Levels  
293 Kelvin Cross Sections

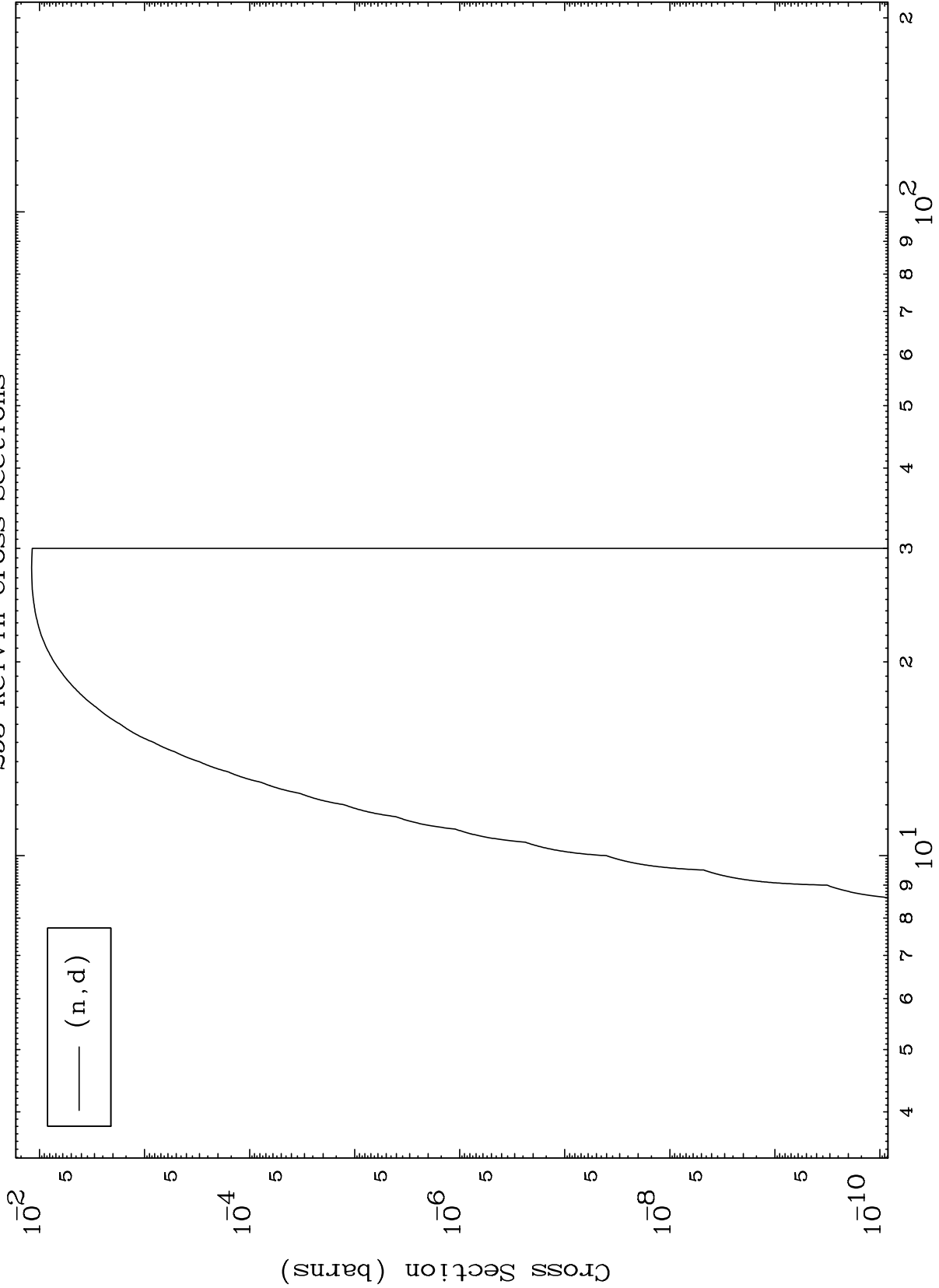
<sup>73</sup>Ta-182m



MAT 7332

(n,d) Levels  
293 Kelvin Cross Sections

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



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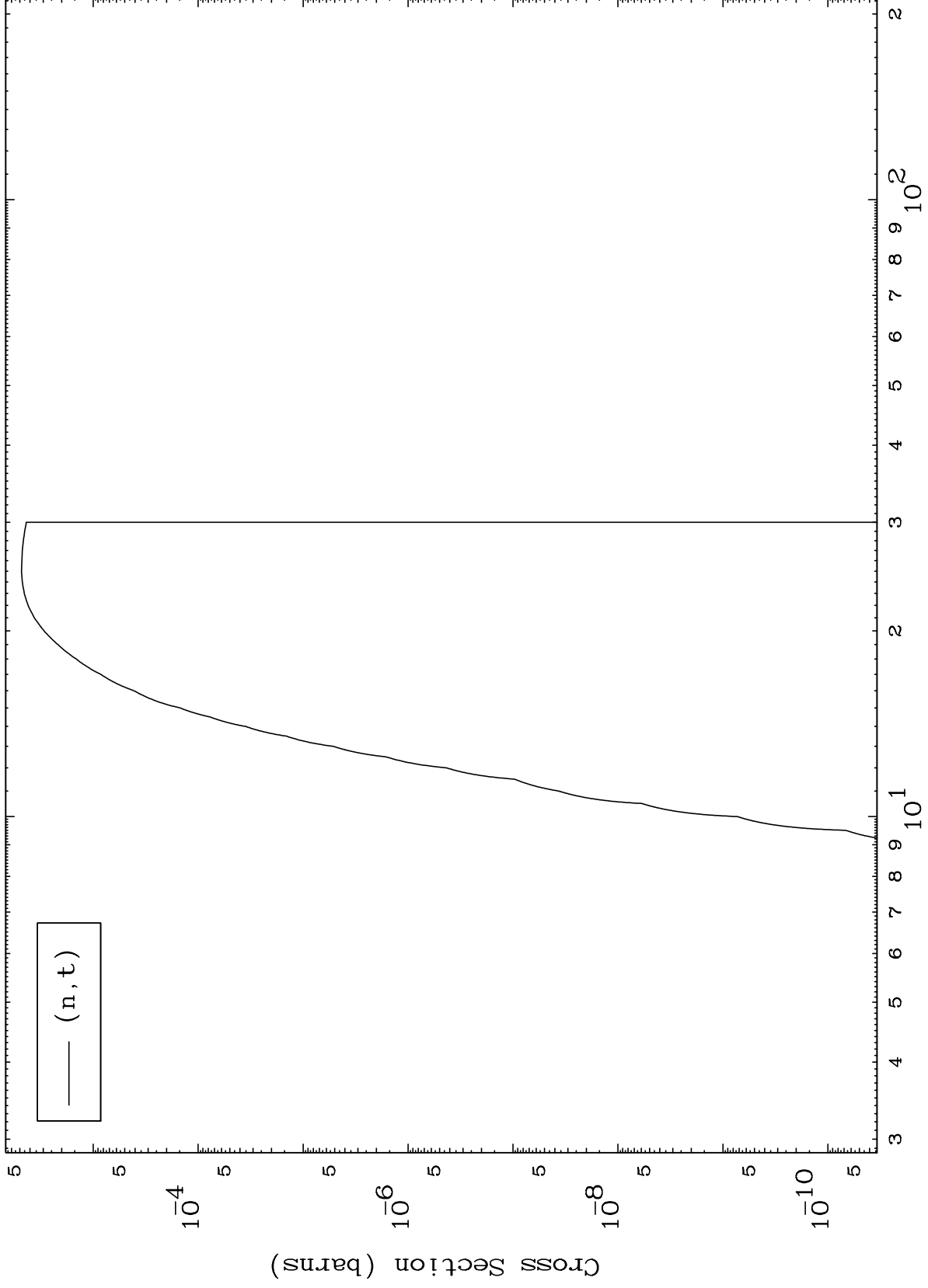
Incident Energy (MeV)

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

MAT 7332

(n,t) Levels  
293 Kelvin Cross Sections

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



(n,t)

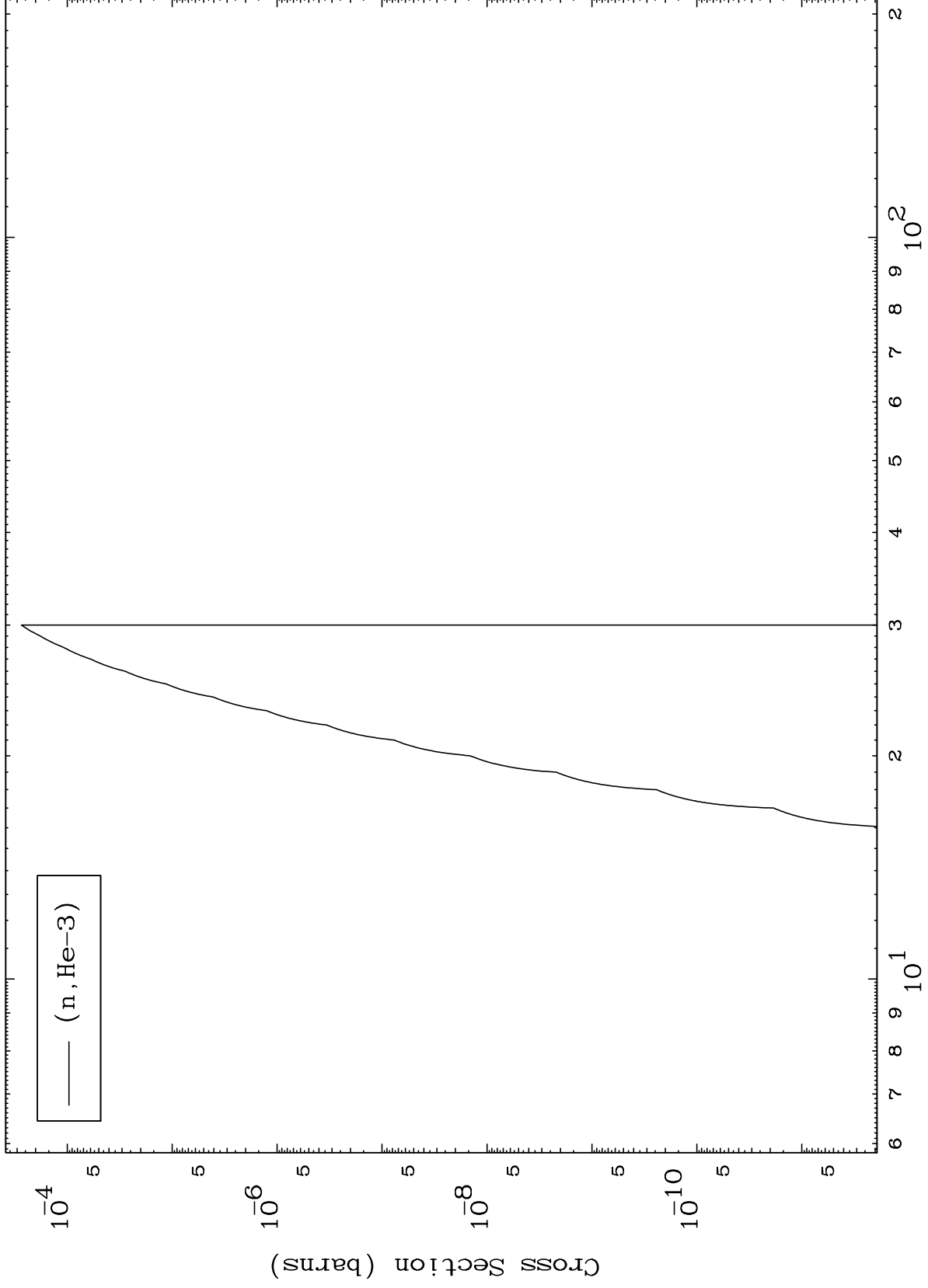
Incident Energy (MeV)

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

MAT 7332

(n,He3) Levels  
293 Kelvin Cross Sections

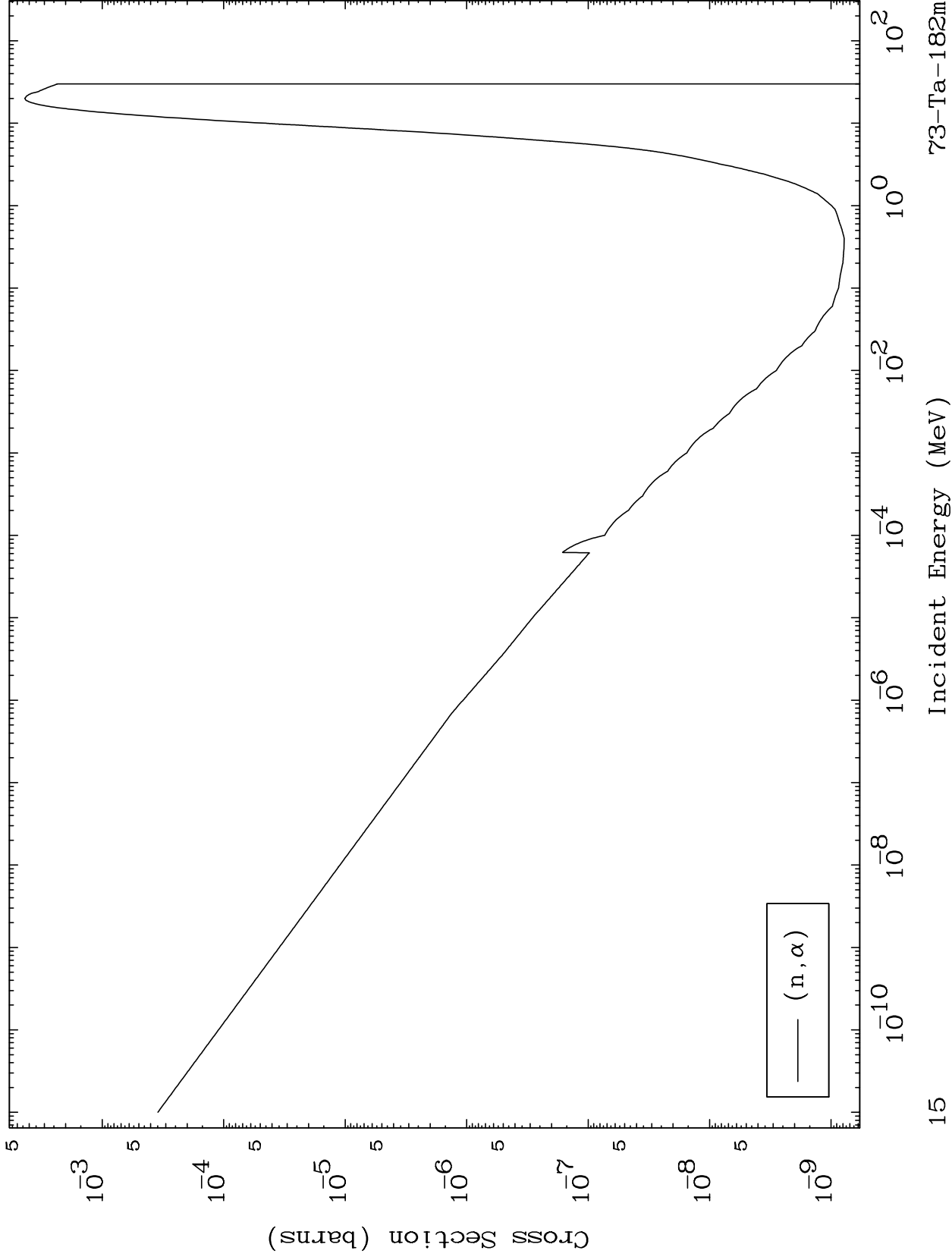
73-Ta-182m

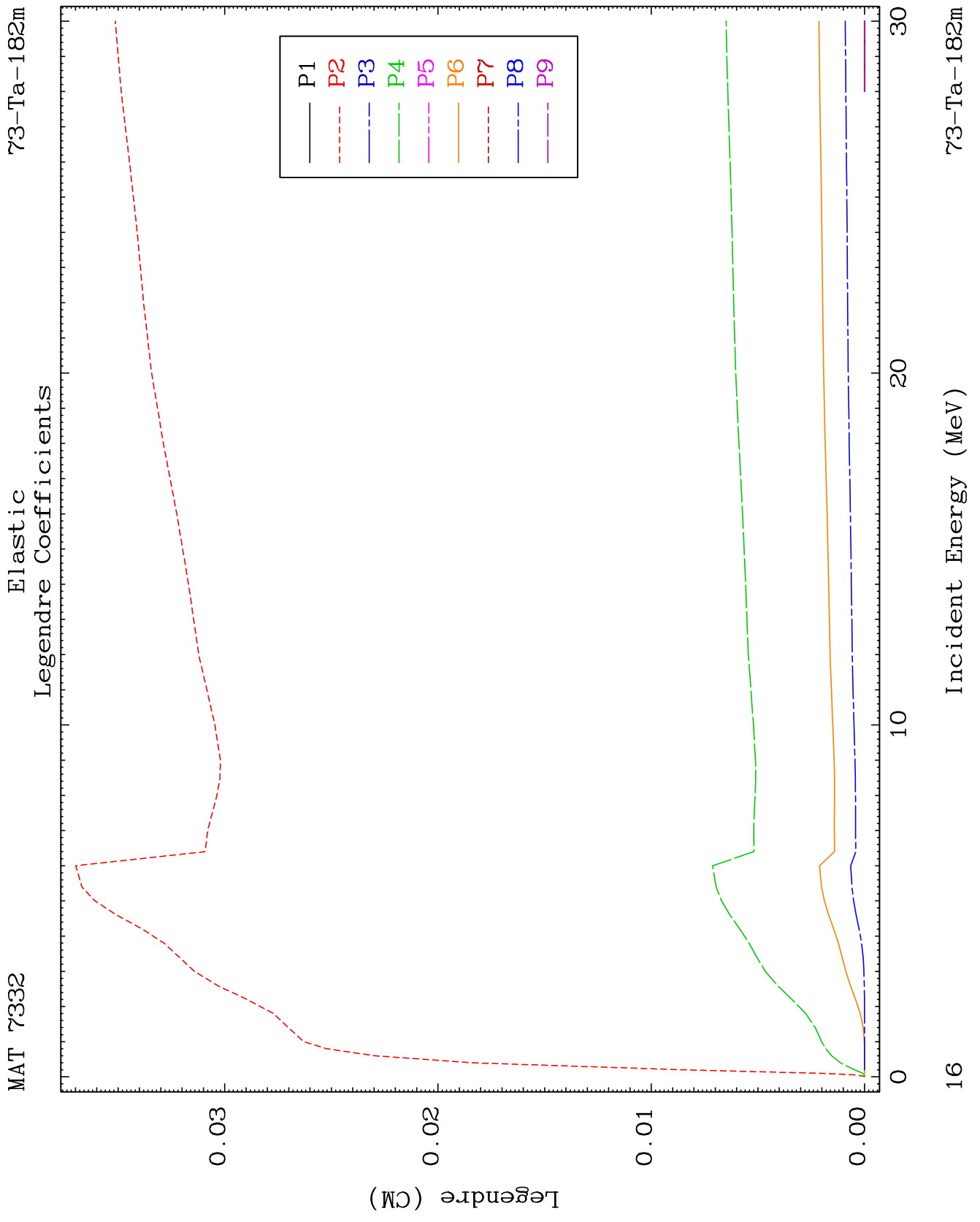


MAT 7332

(n,α) Levels  
293 Kelvin Cross Sections

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

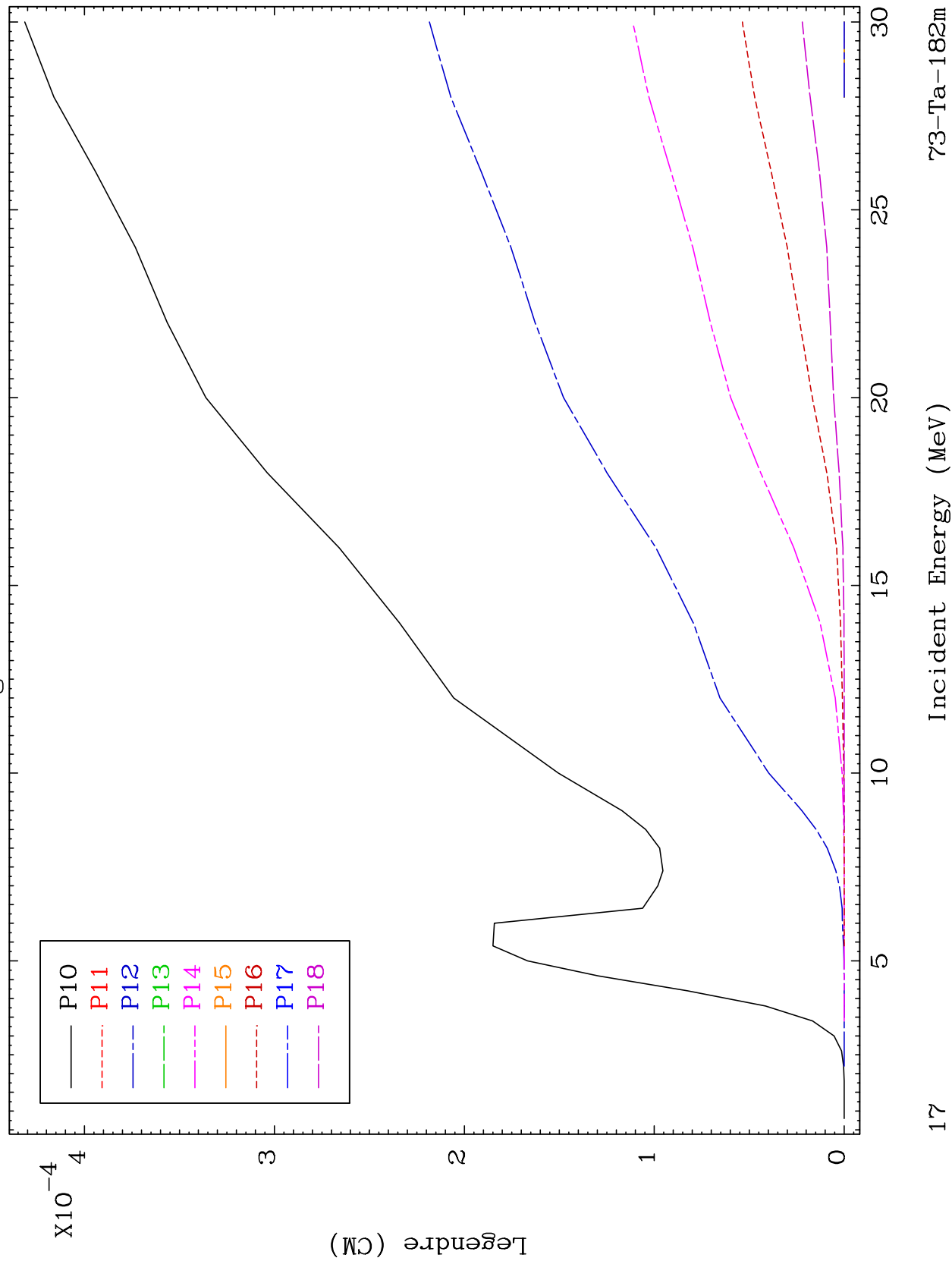




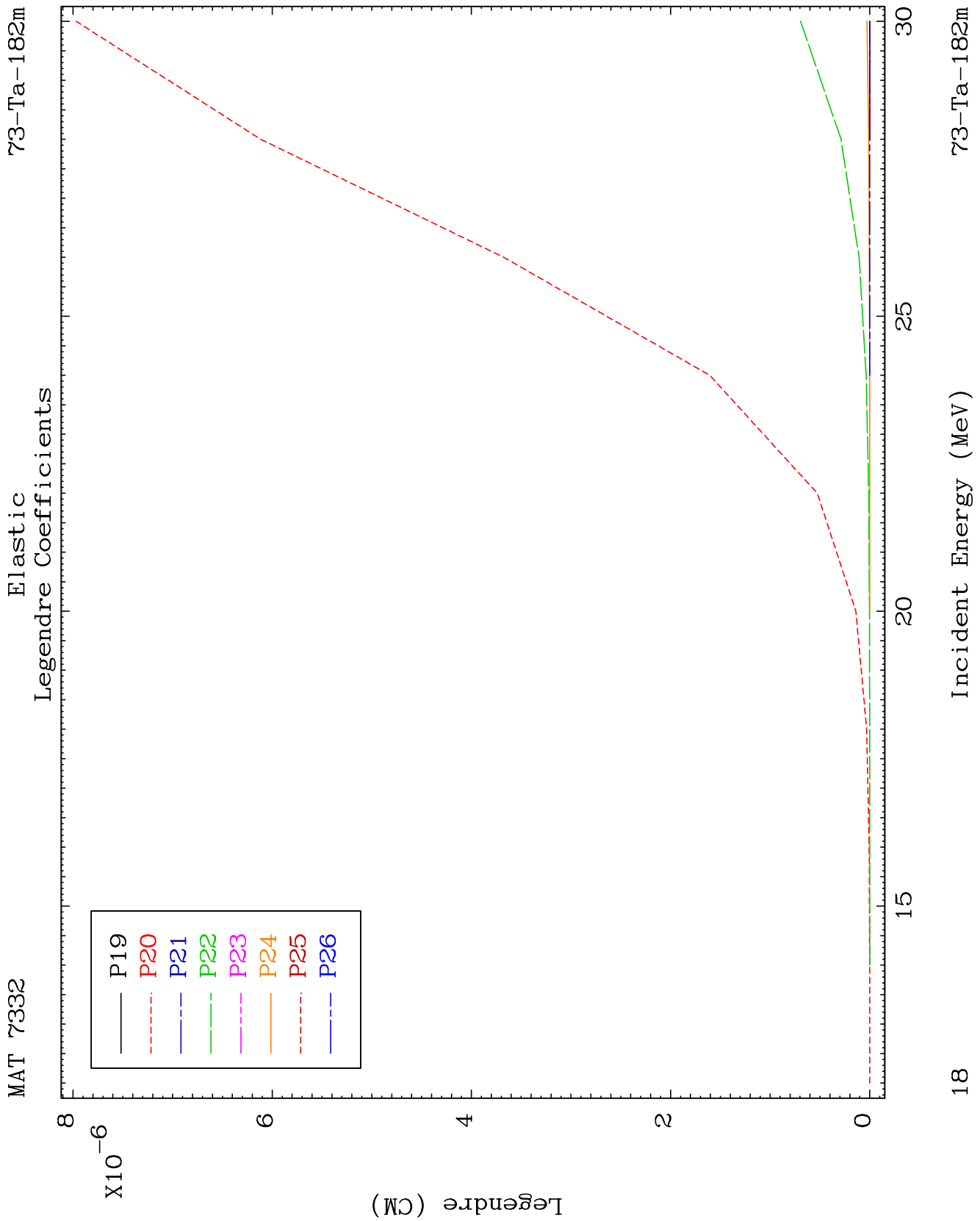
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Elastic Legendre Coefficients

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



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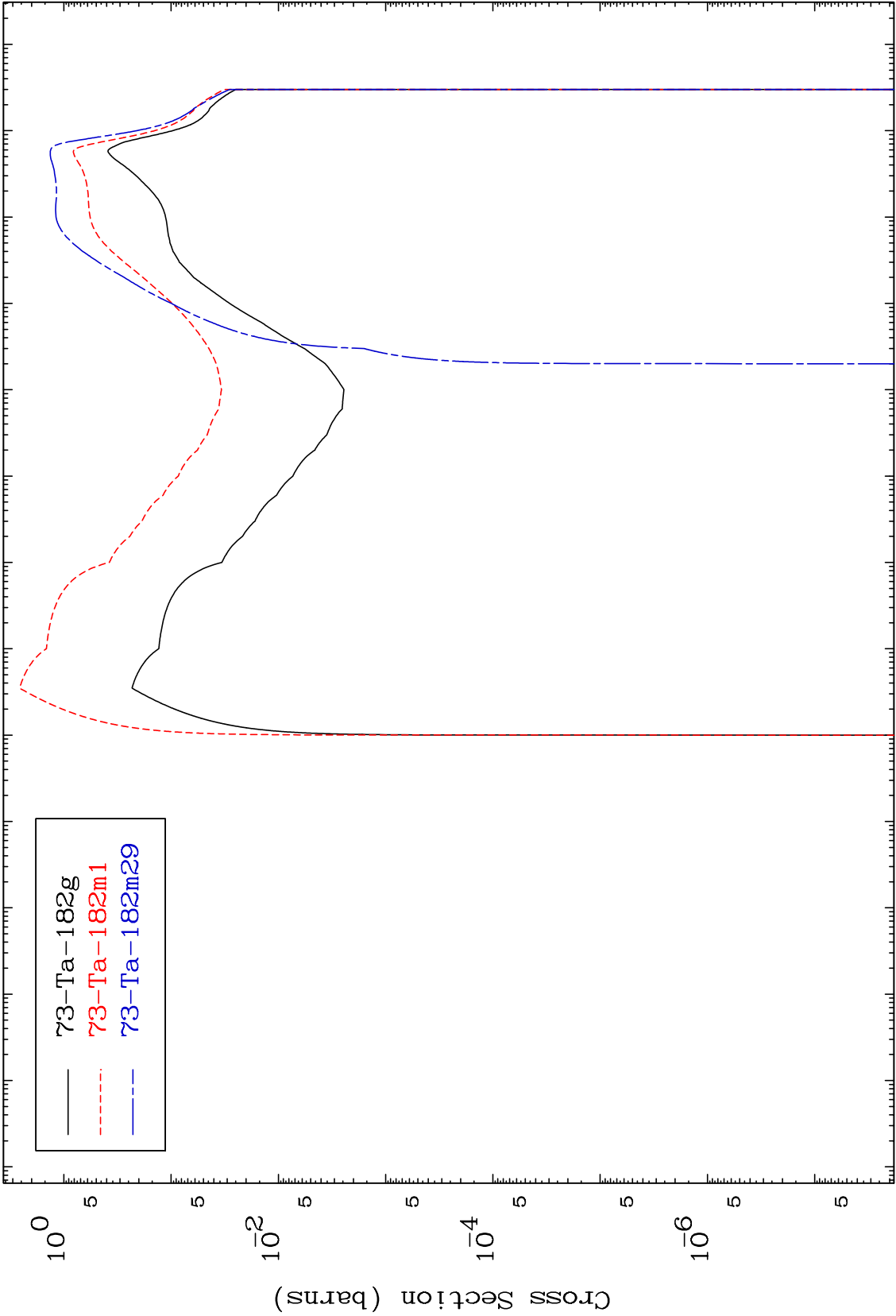
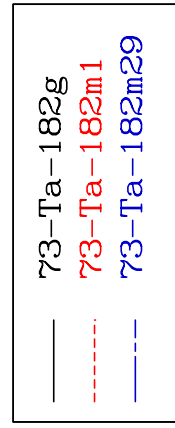
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<sup>73</sup>Ta-182m

Radionuclide Production Cross Section

Inelastic

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

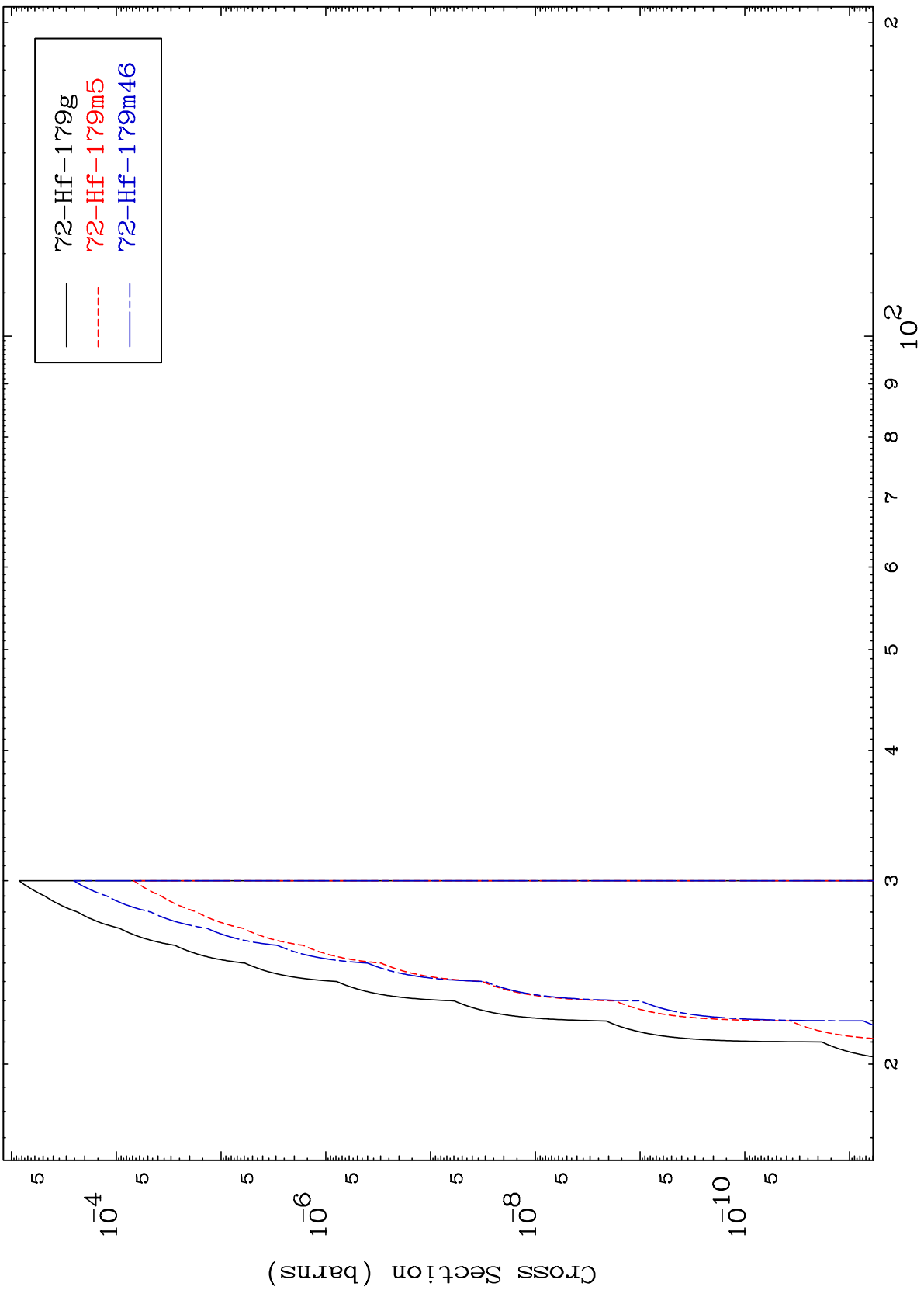


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(n,2n) d

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

Radionuclide Production Cross Section



20

Incident Energy (MeV)

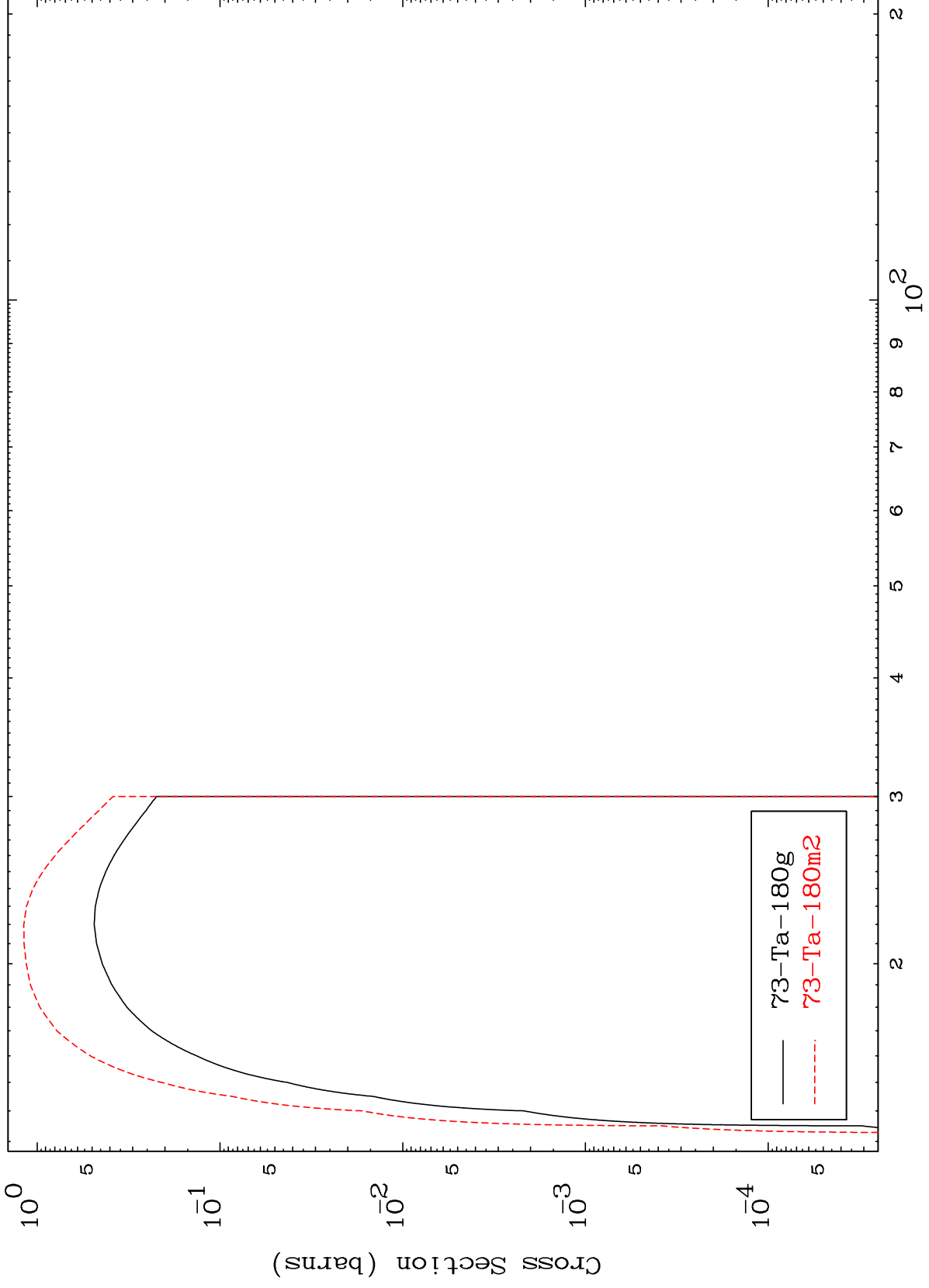
<sup>73</sup>Ta-182m

MAT 7332

(n,3n)

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

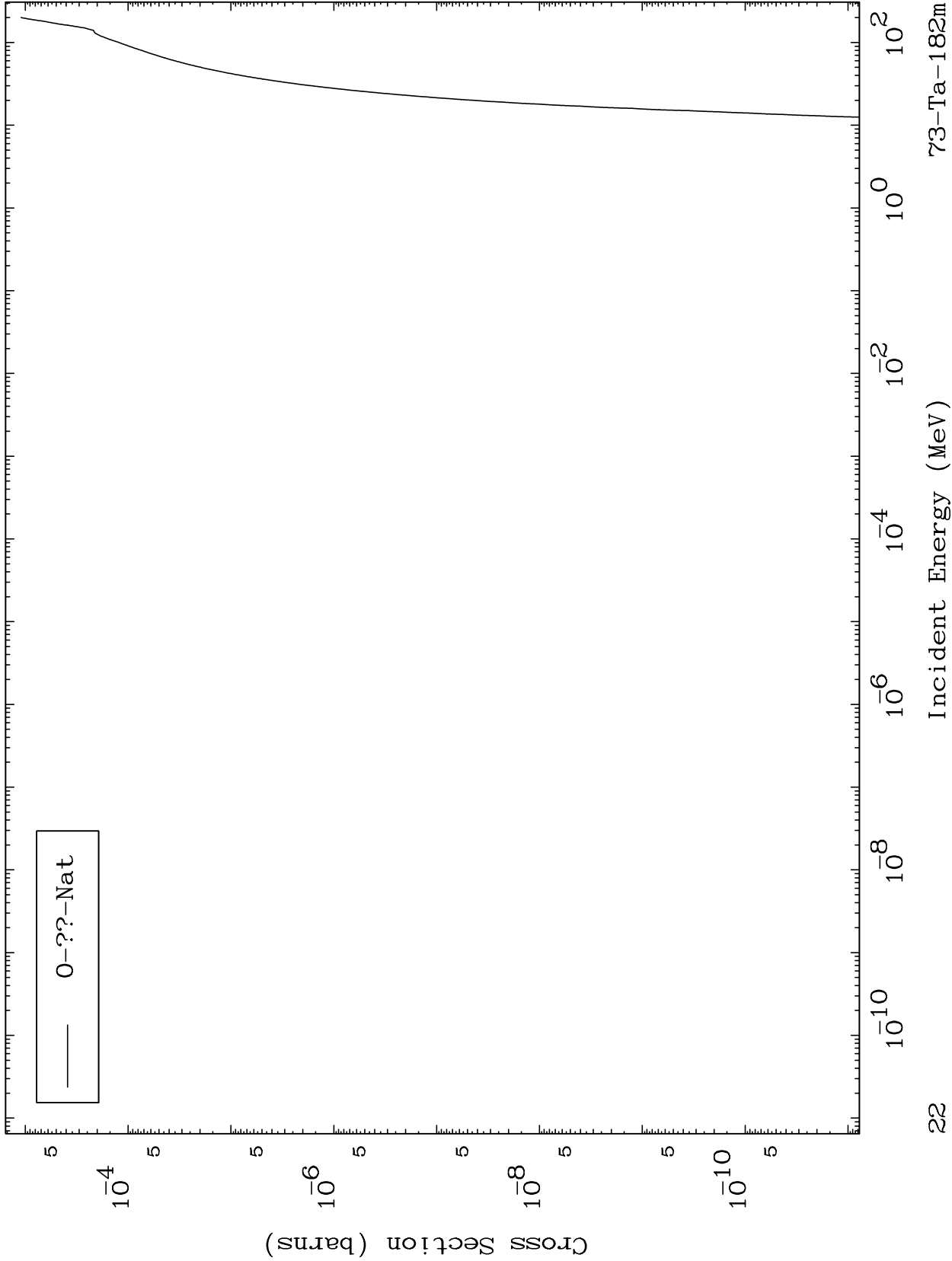
Radionuclide Production Cross Section



MAT 7332

Fission  
Radionuclide Production Cross Section

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

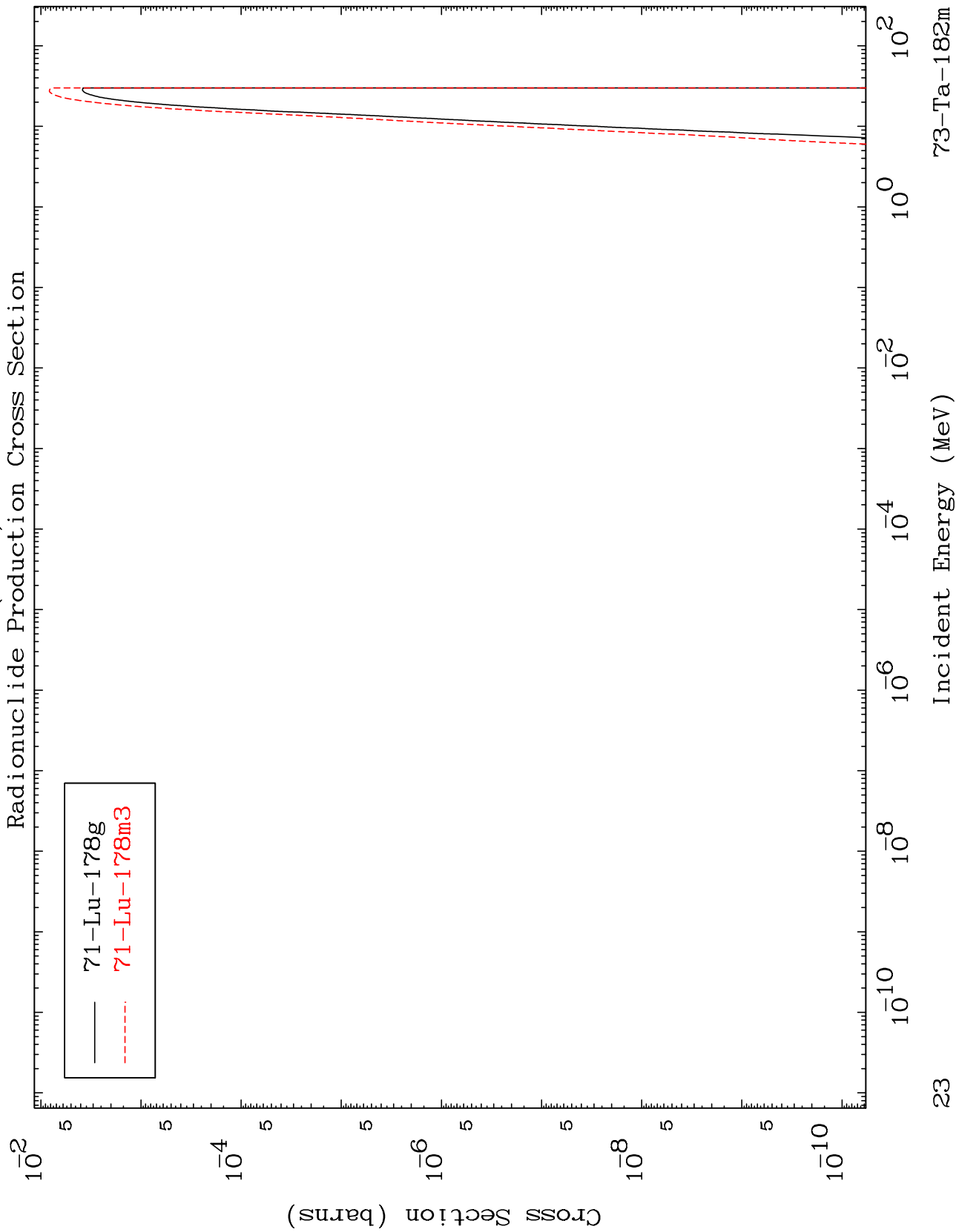


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$(n, n') \alpha$

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

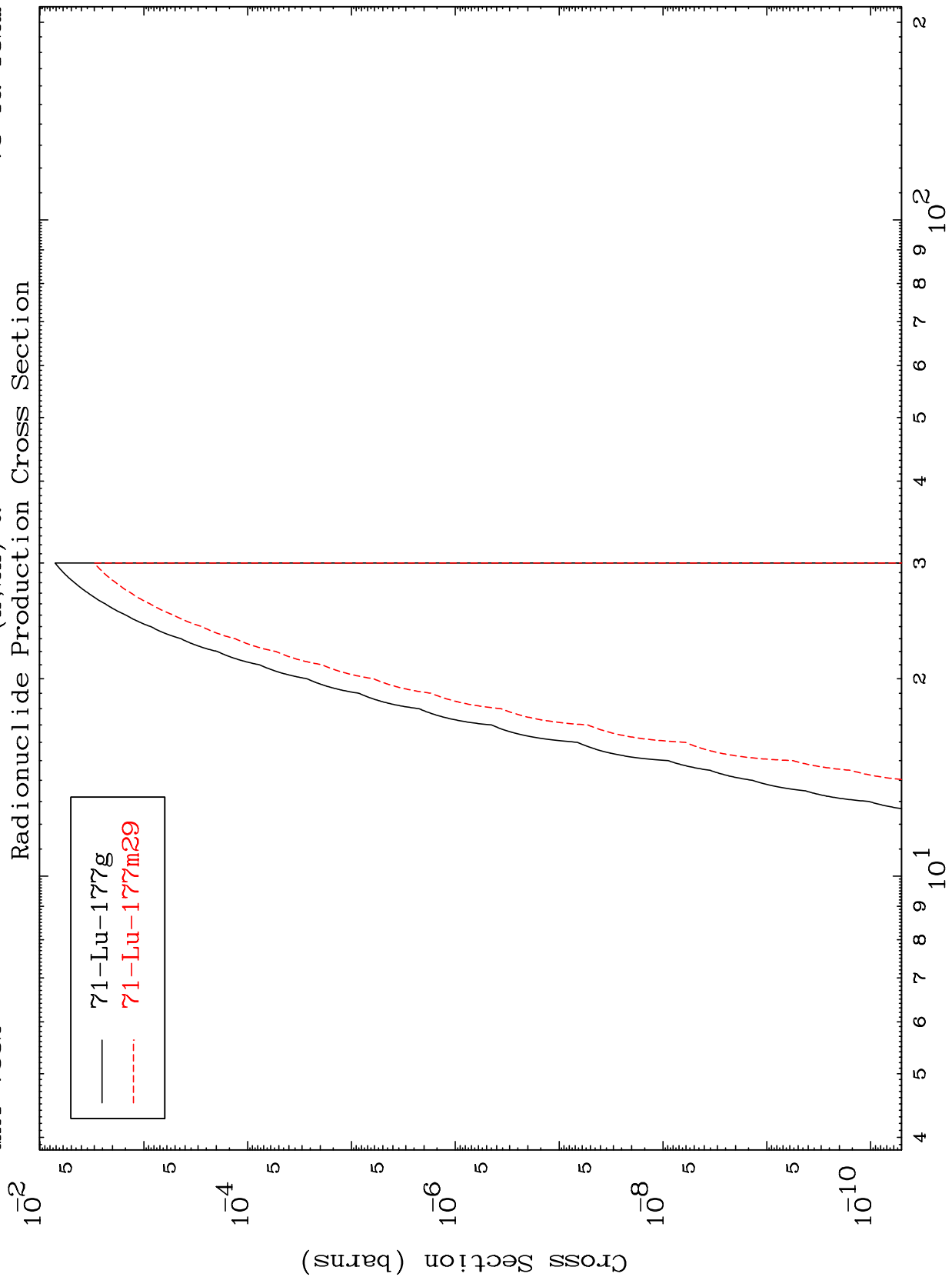
Radionuclide Production Cross Section



MAT 7332

(n,2n)  $\alpha$

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



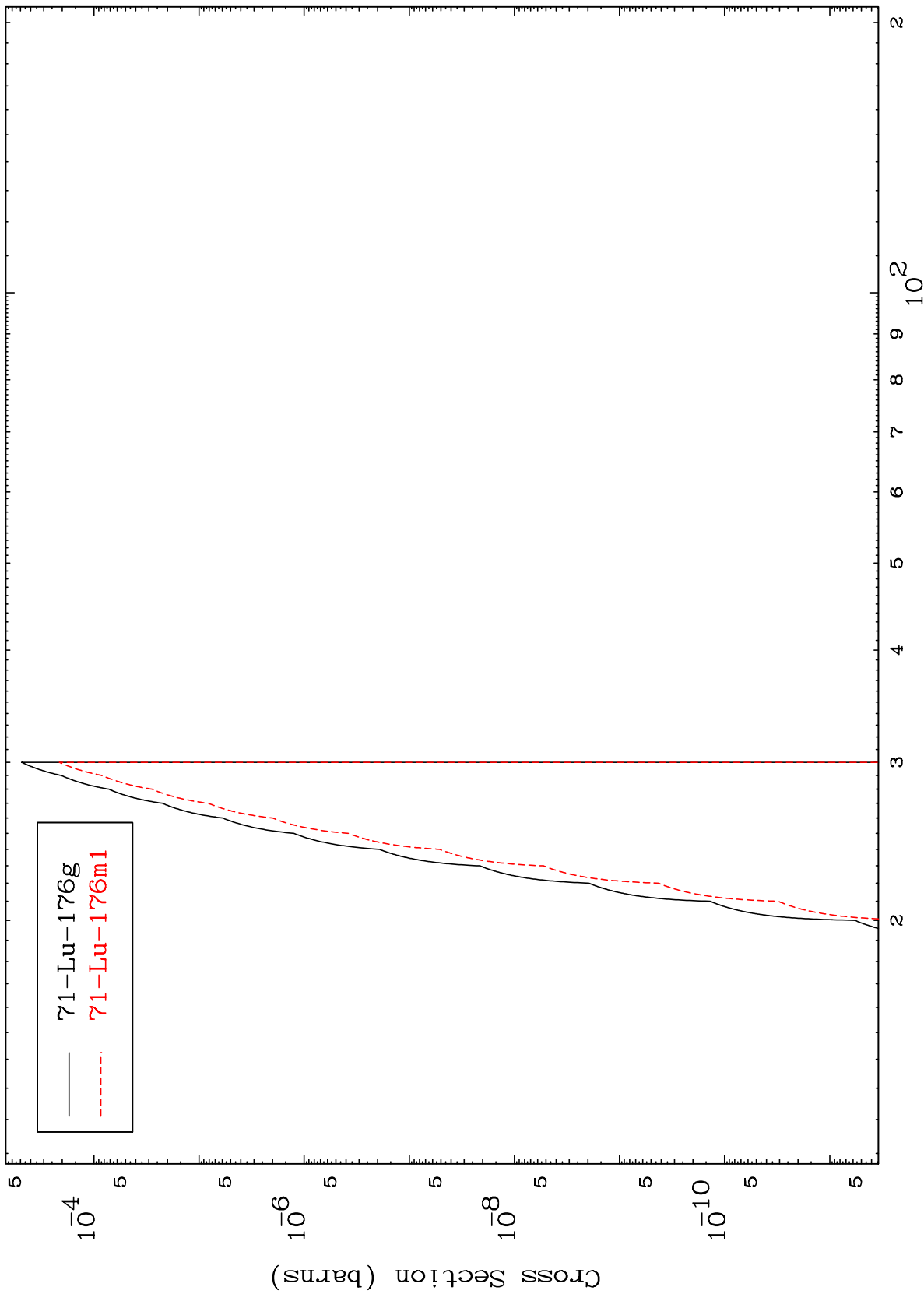
71-Lu-177g  
71-Lu-177m29

MAT 7332

(n,3n)  $\alpha$

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

Radionuclide Production Cross Section



Incident Energy (MeV)

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

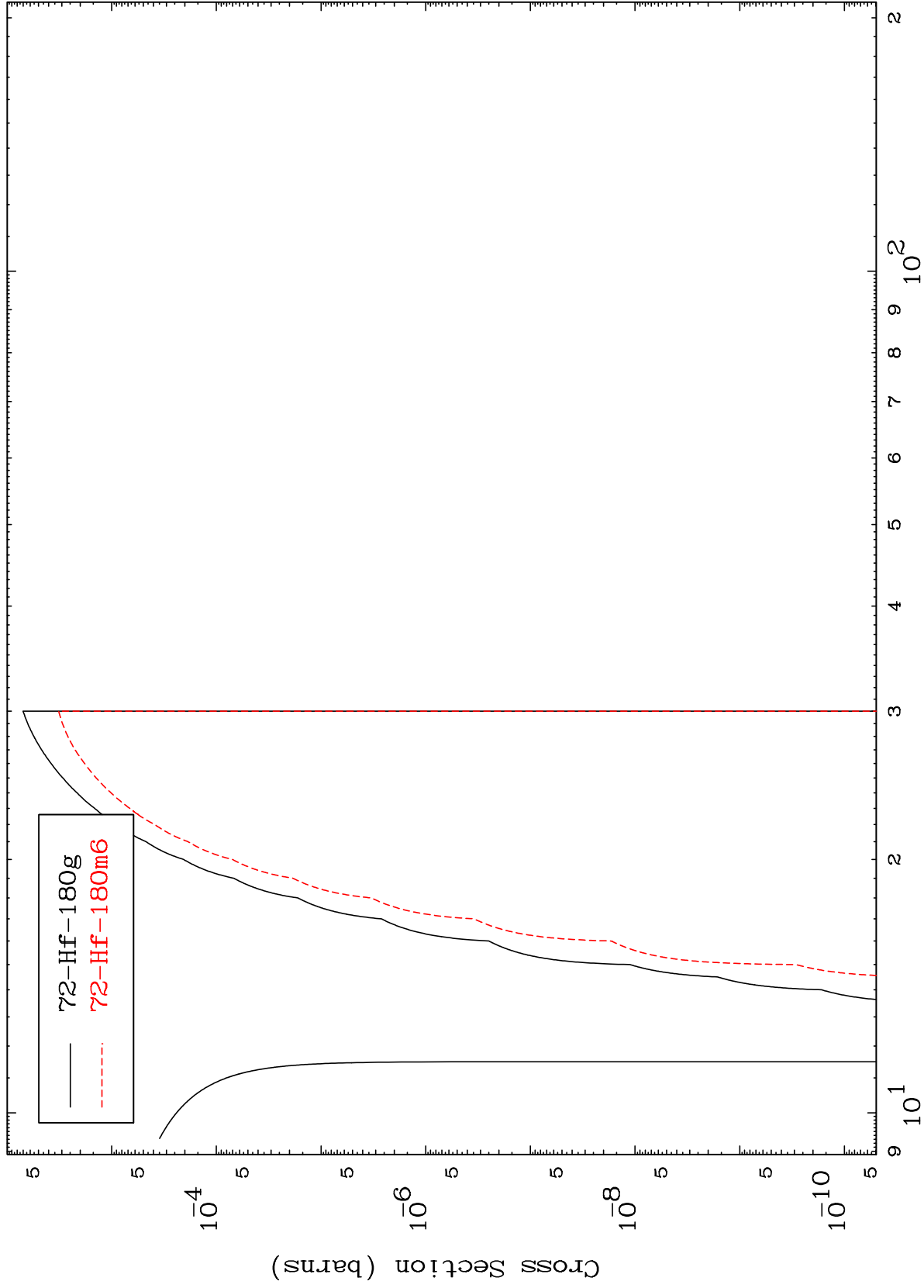
25

MAT 7332

(n,n') d

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

Radionuclide Production Cross Section



26

Incident Energy (MeV)

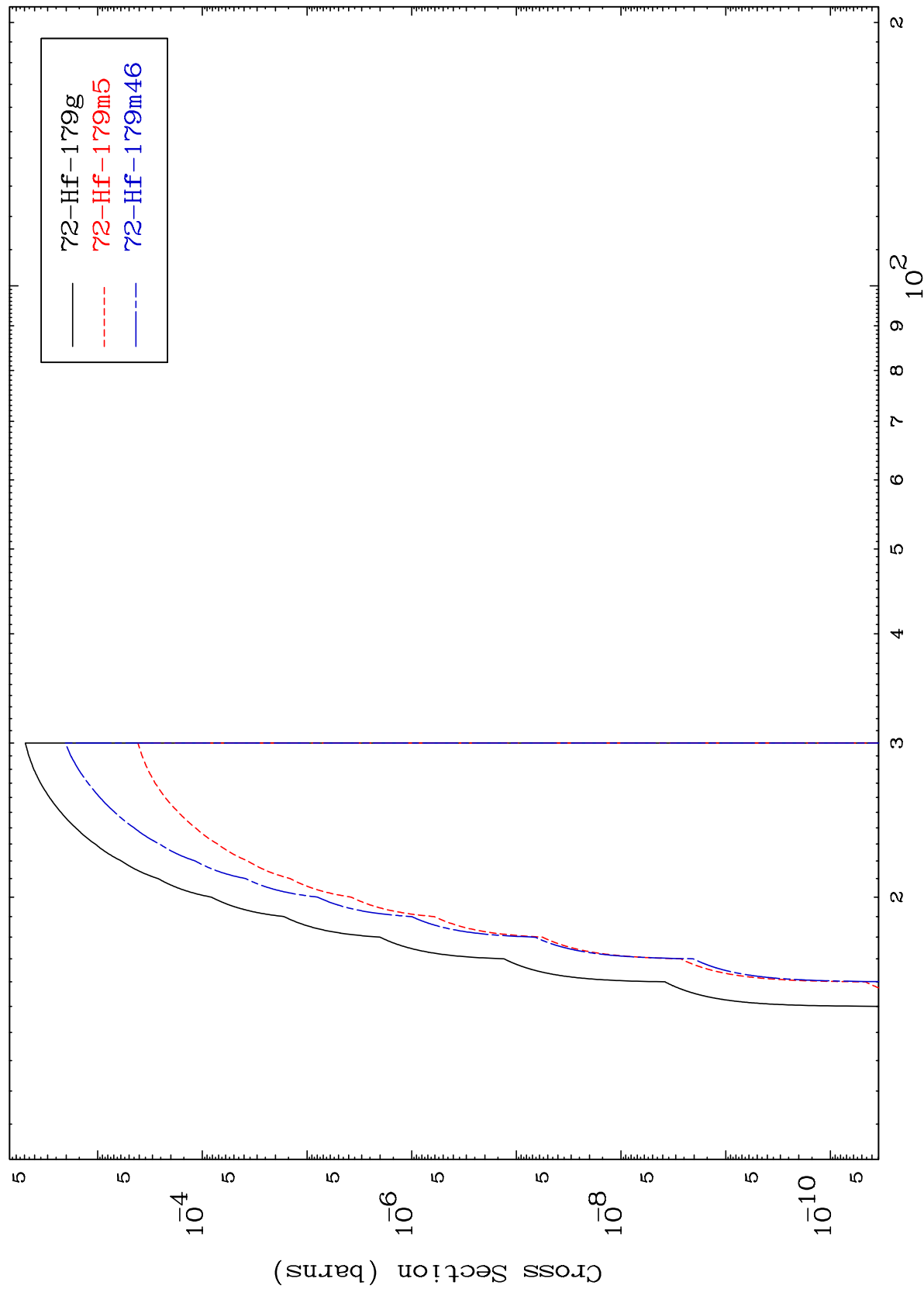
<sup>73</sup>Ta-182m

MAT 7332

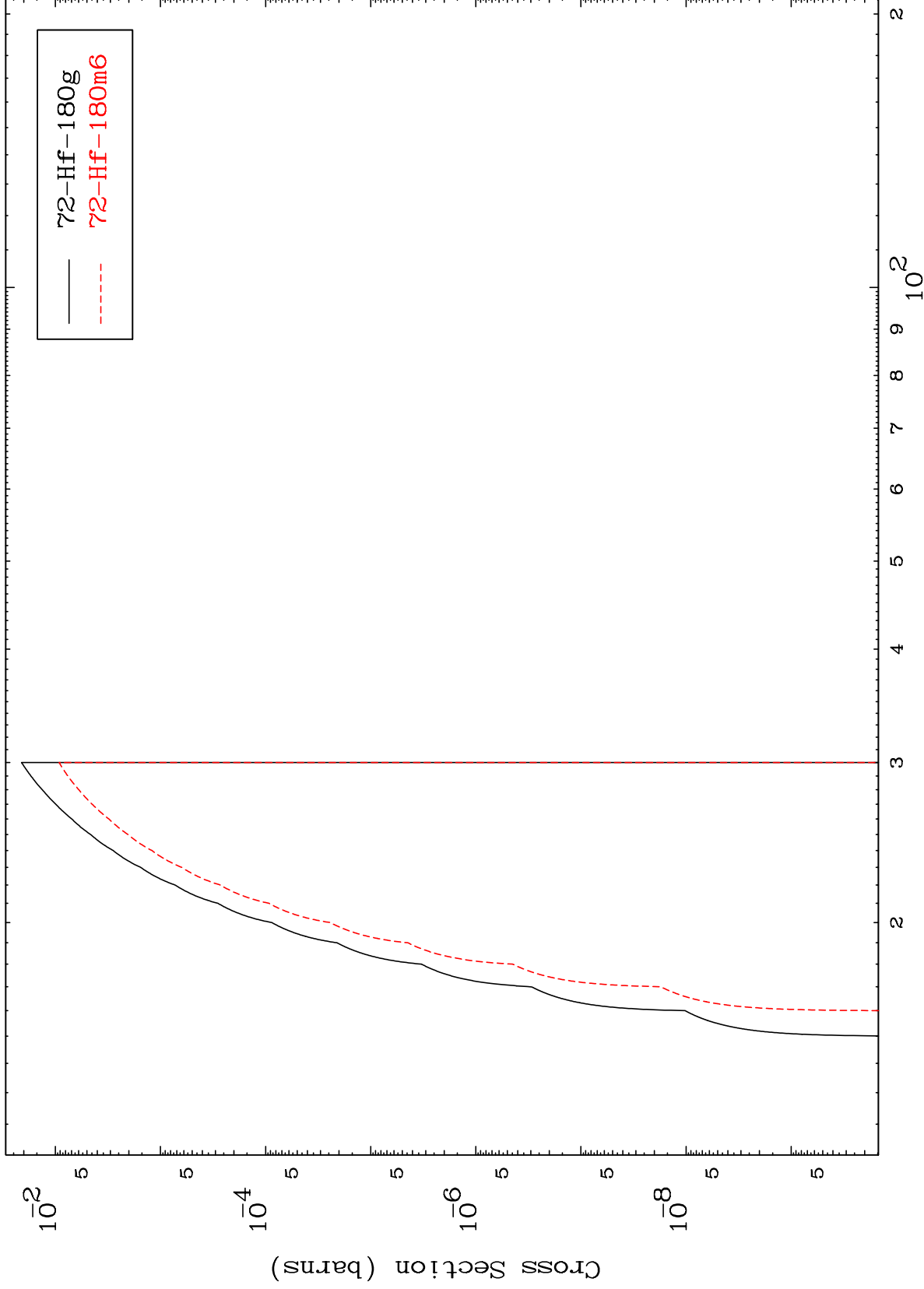
(n,n') t

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

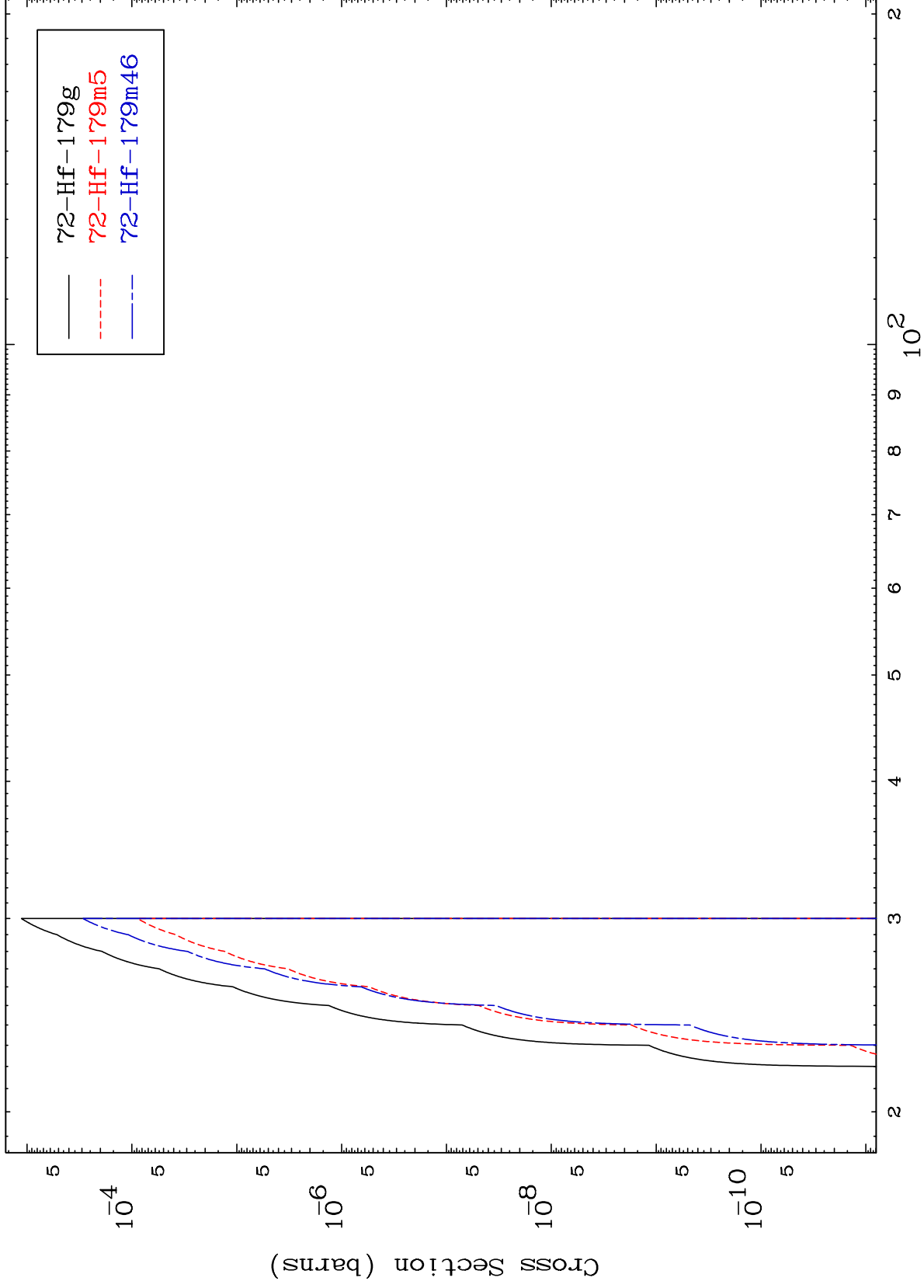


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(n,3n) p

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

Radionuclide Production Cross Section



29

Incident Energy (MeV)

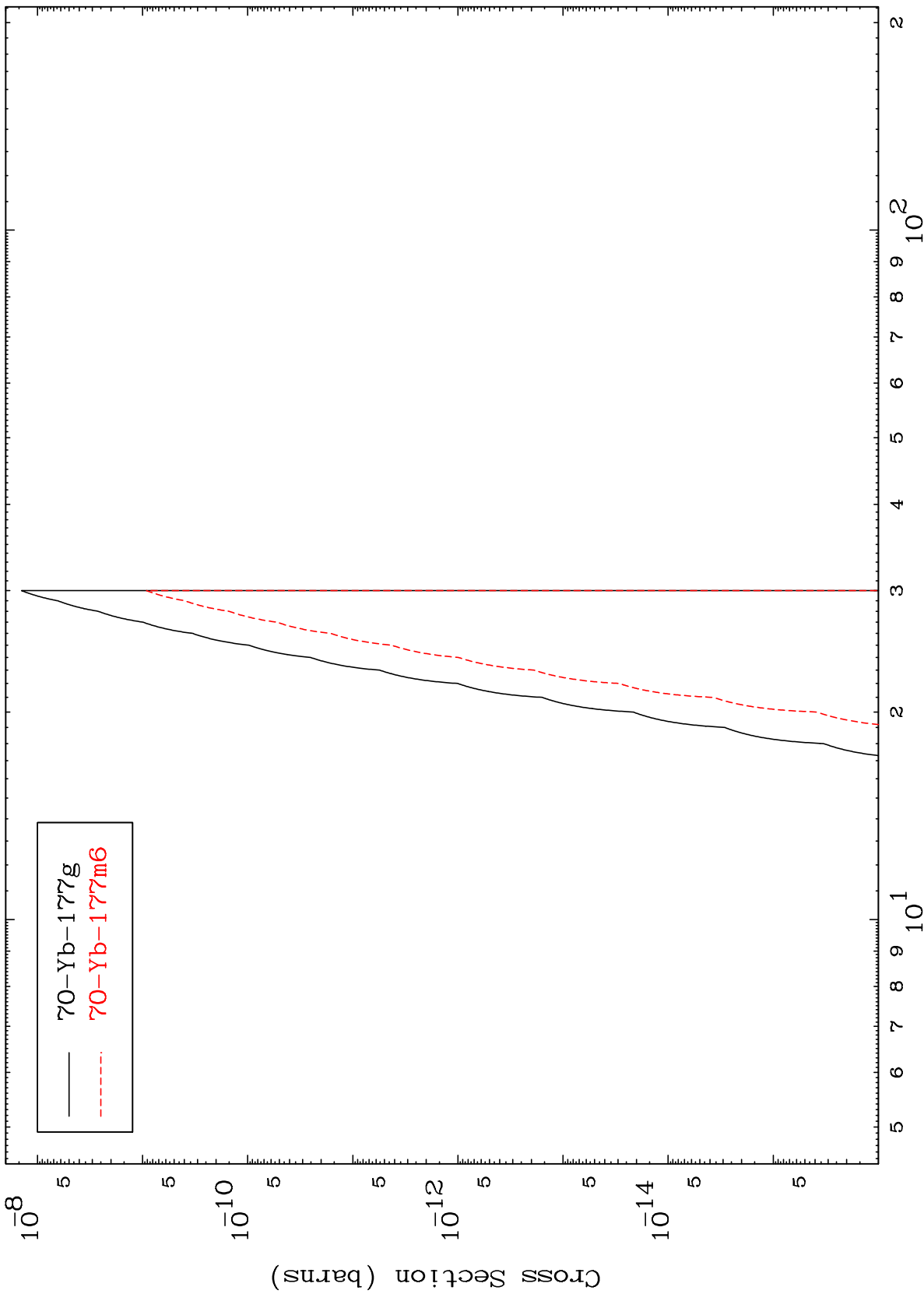
<sup>73</sup>Ta-182m

MAT 7332

(n,n') p  $\alpha$

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

Radionuclide Production Cross Section



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

Incident Energy (MeV)

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

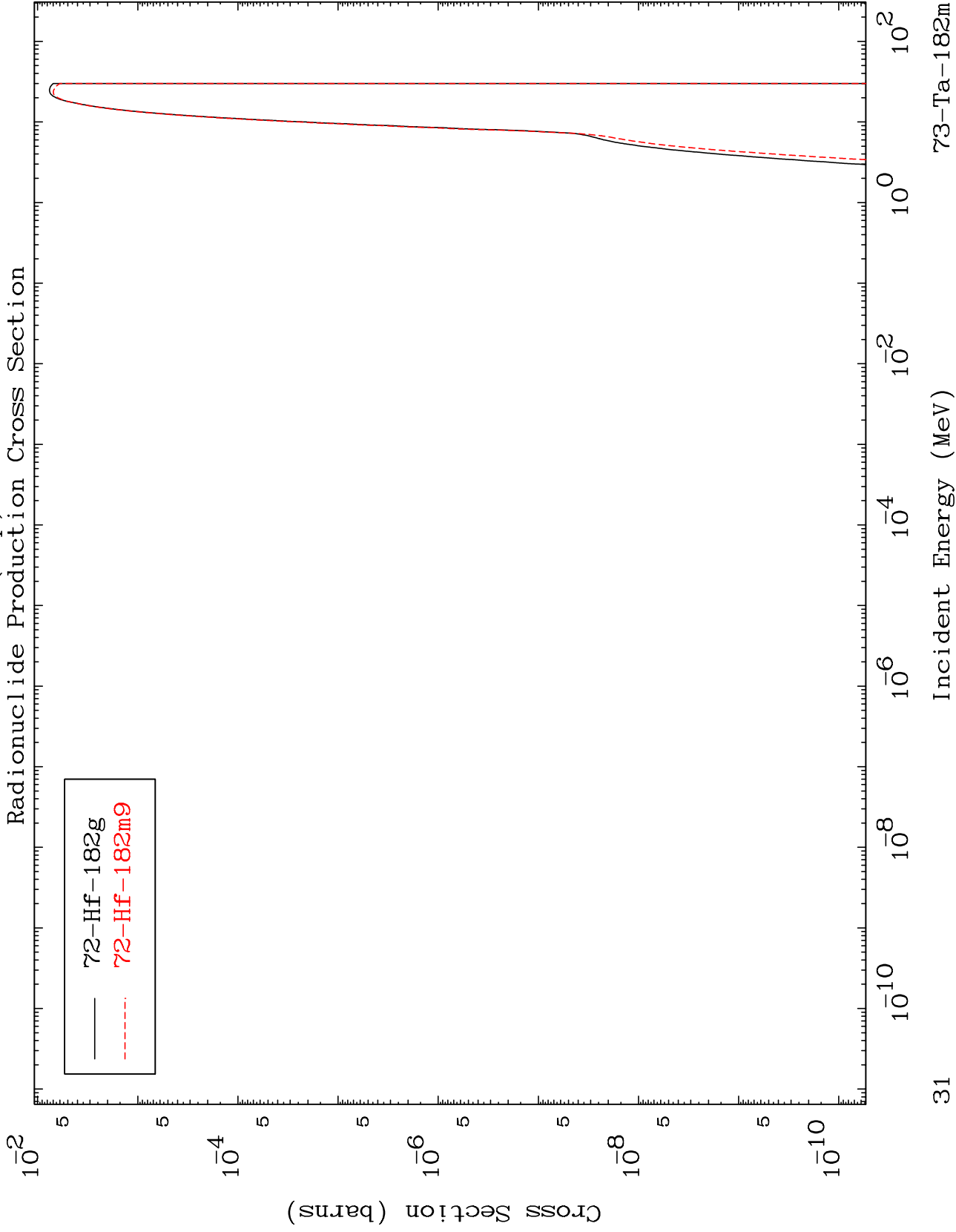
30

MAT 7332

(n,p)

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

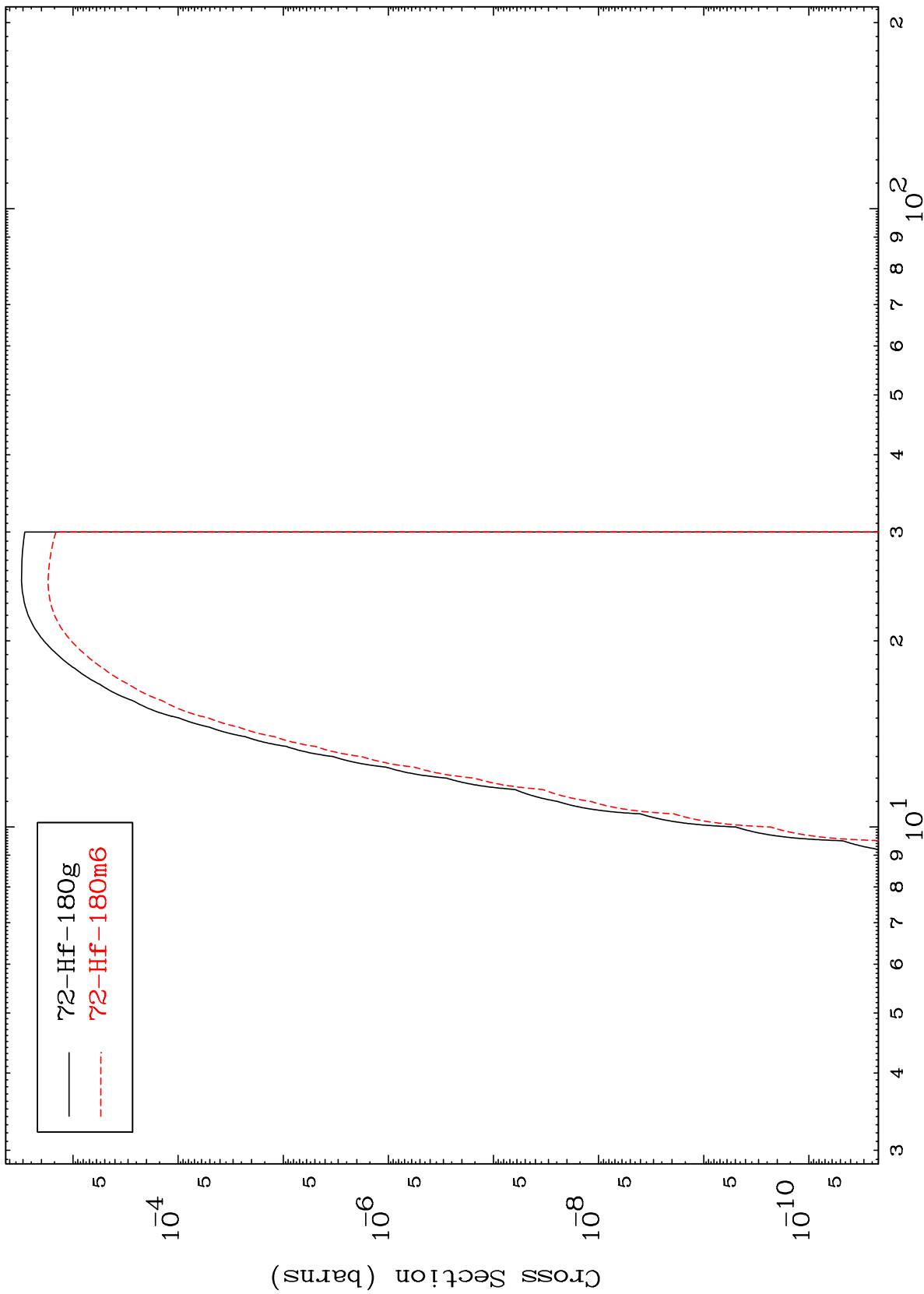
Radionuclide Production Cross Section



MAT 7332

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

(n, t)  
Radionuclide Production Cross Section



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

Incident Energy (MeV)

32