

Program EVALPLOT
(Version 2021-1)

by

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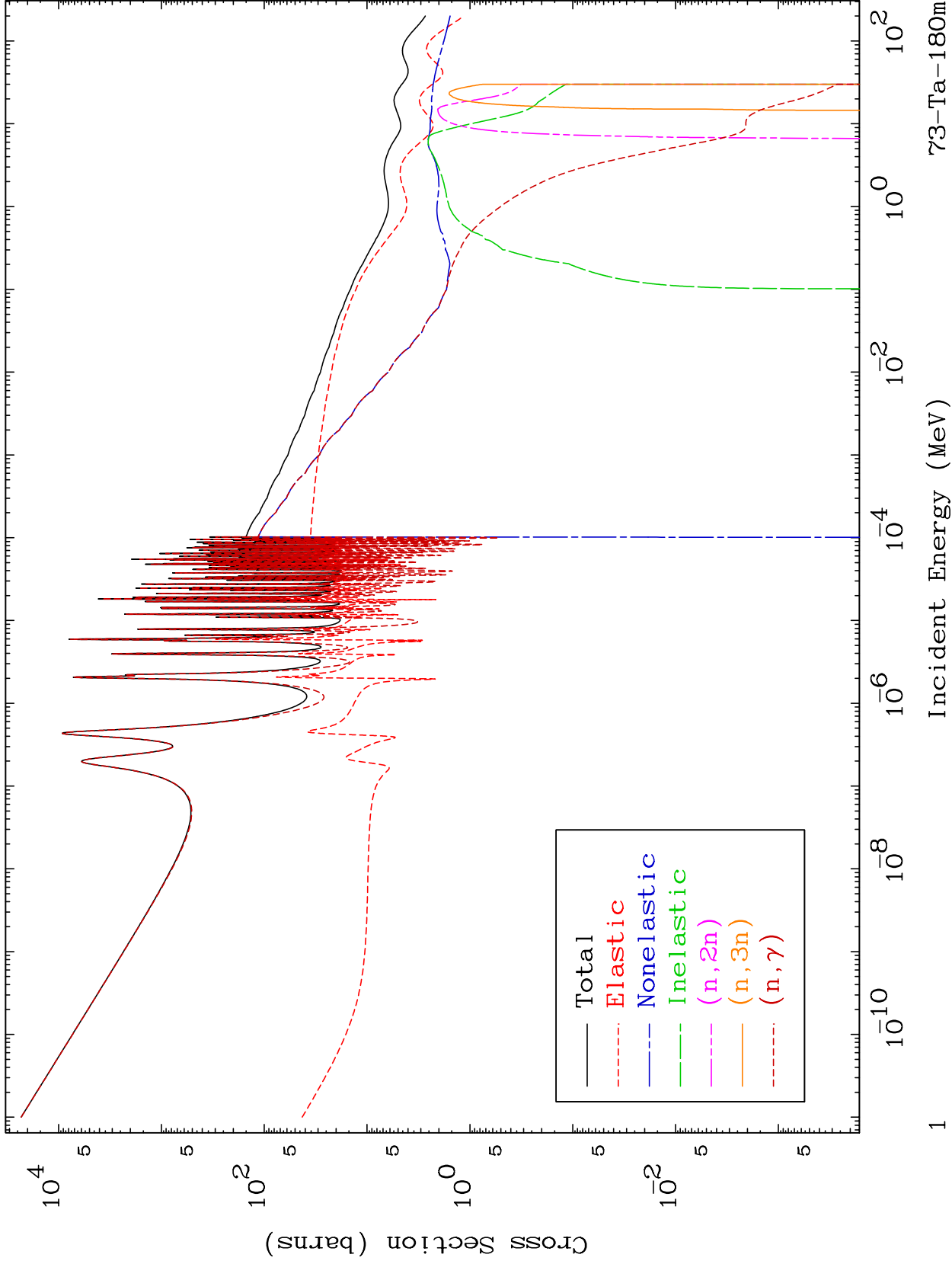
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7326

Neutron Major
293 Kelvin Cross Sections

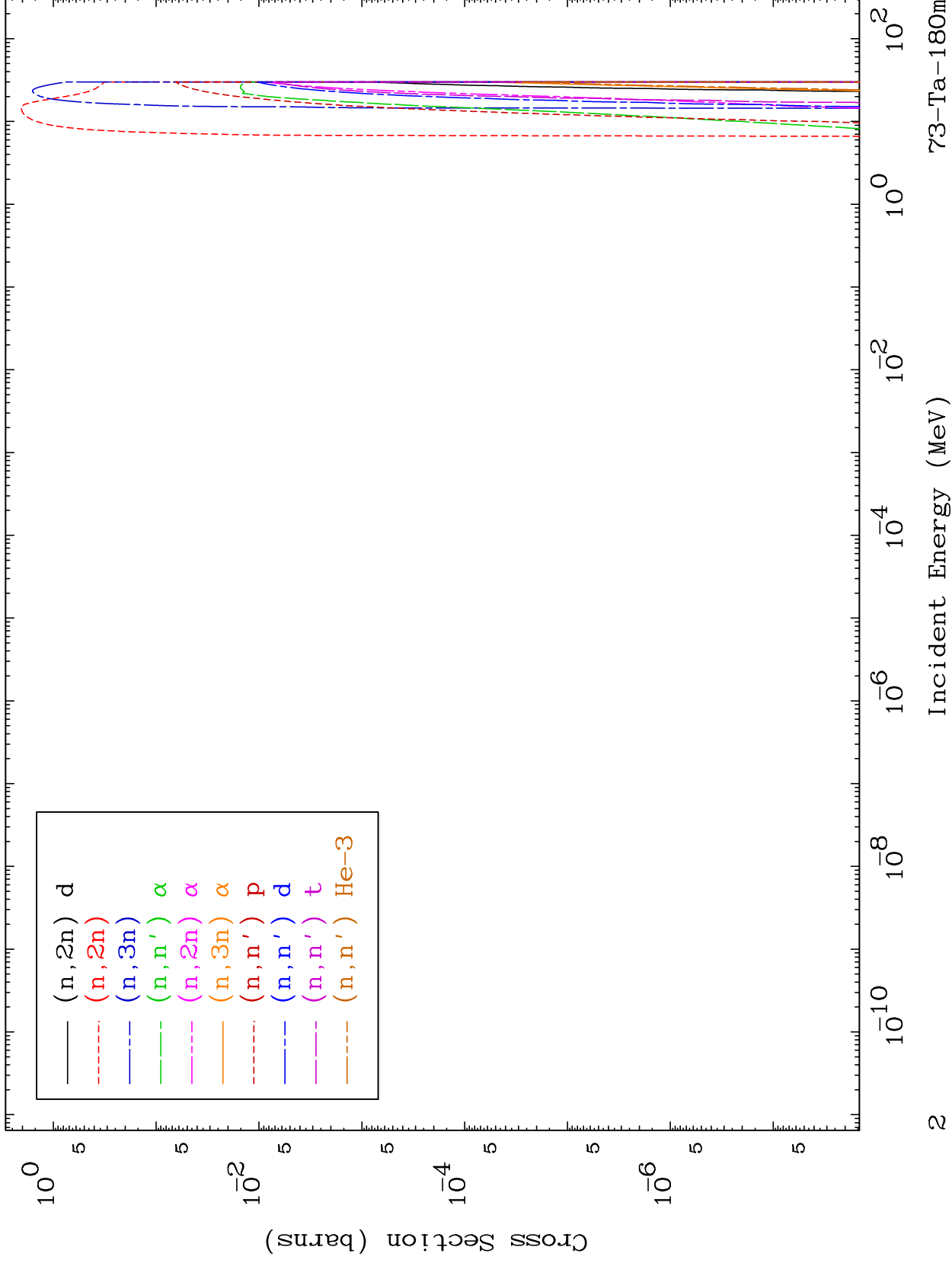
⁷³Ta-180m



MAT 7326

Neutron Absorption
293 Kelvin Cross Sections

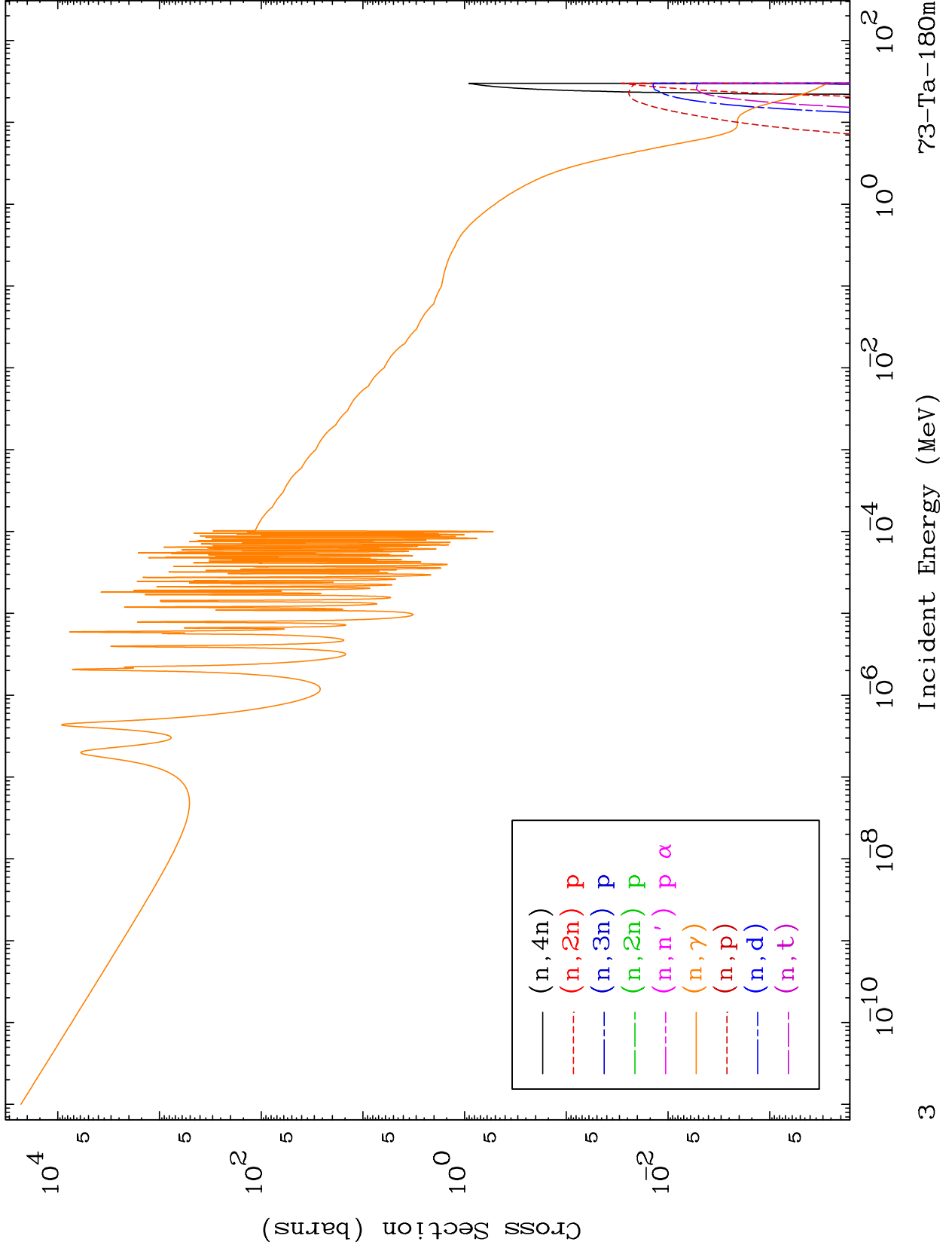
⁷³Ta-180m



MAT 7326

Neutron Absorption
293 Kelvin Cross Sections

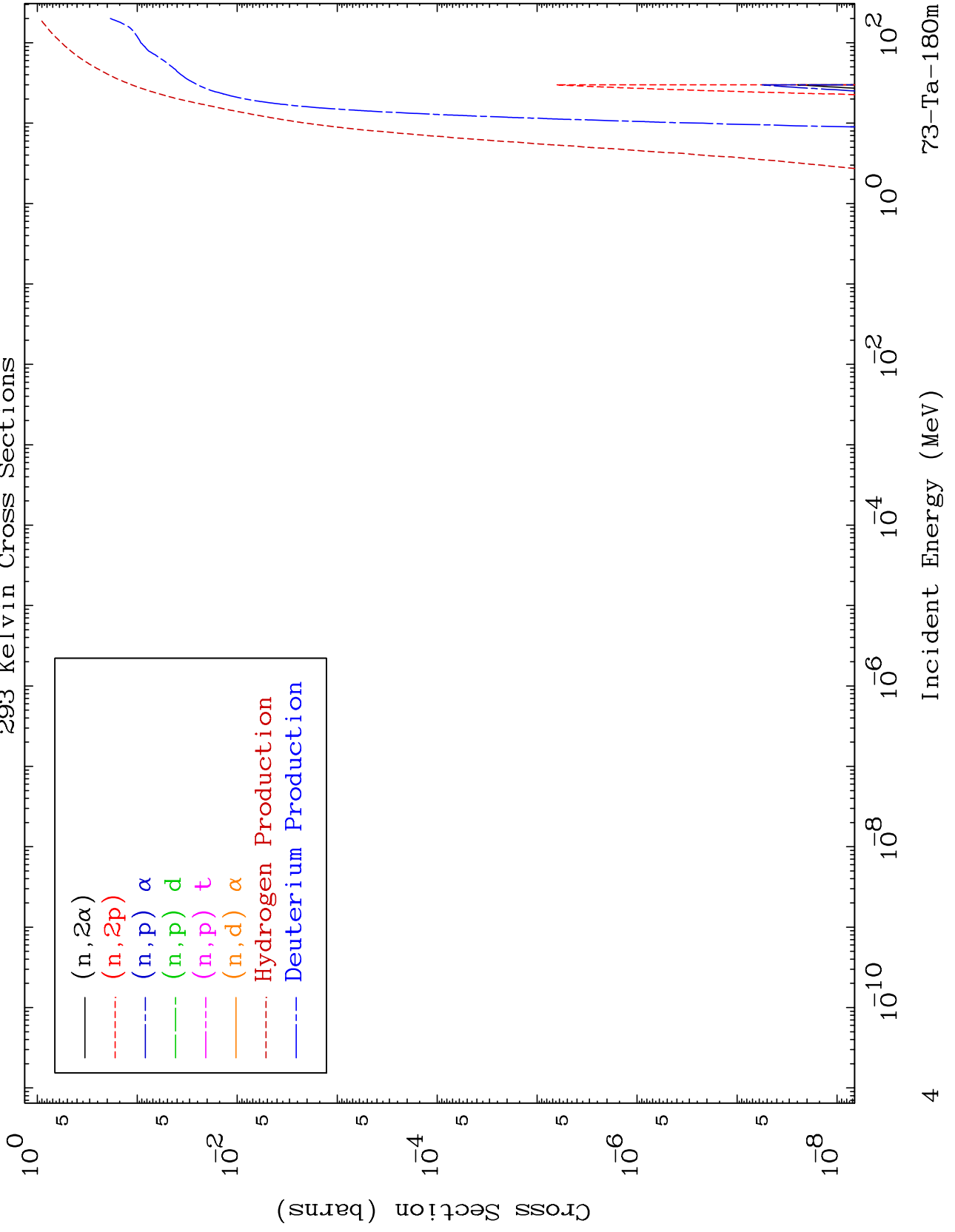
⁷³Ta-180m



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Neutron Absorption
293 Kelvin Cross Sections

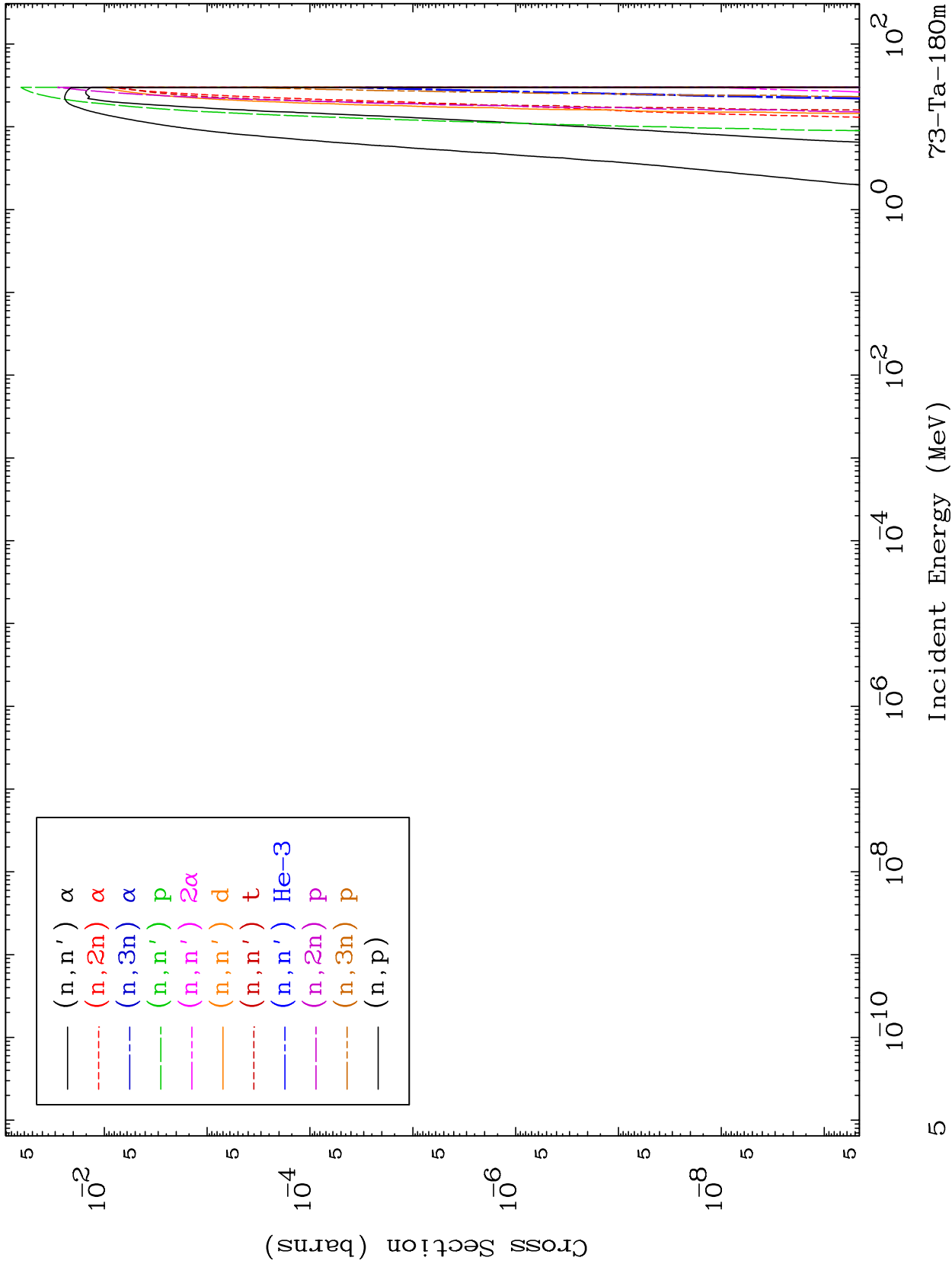
⁷³Ta-180m



MAT 7326

Charged Particle
293 Kelvin Cross Sections

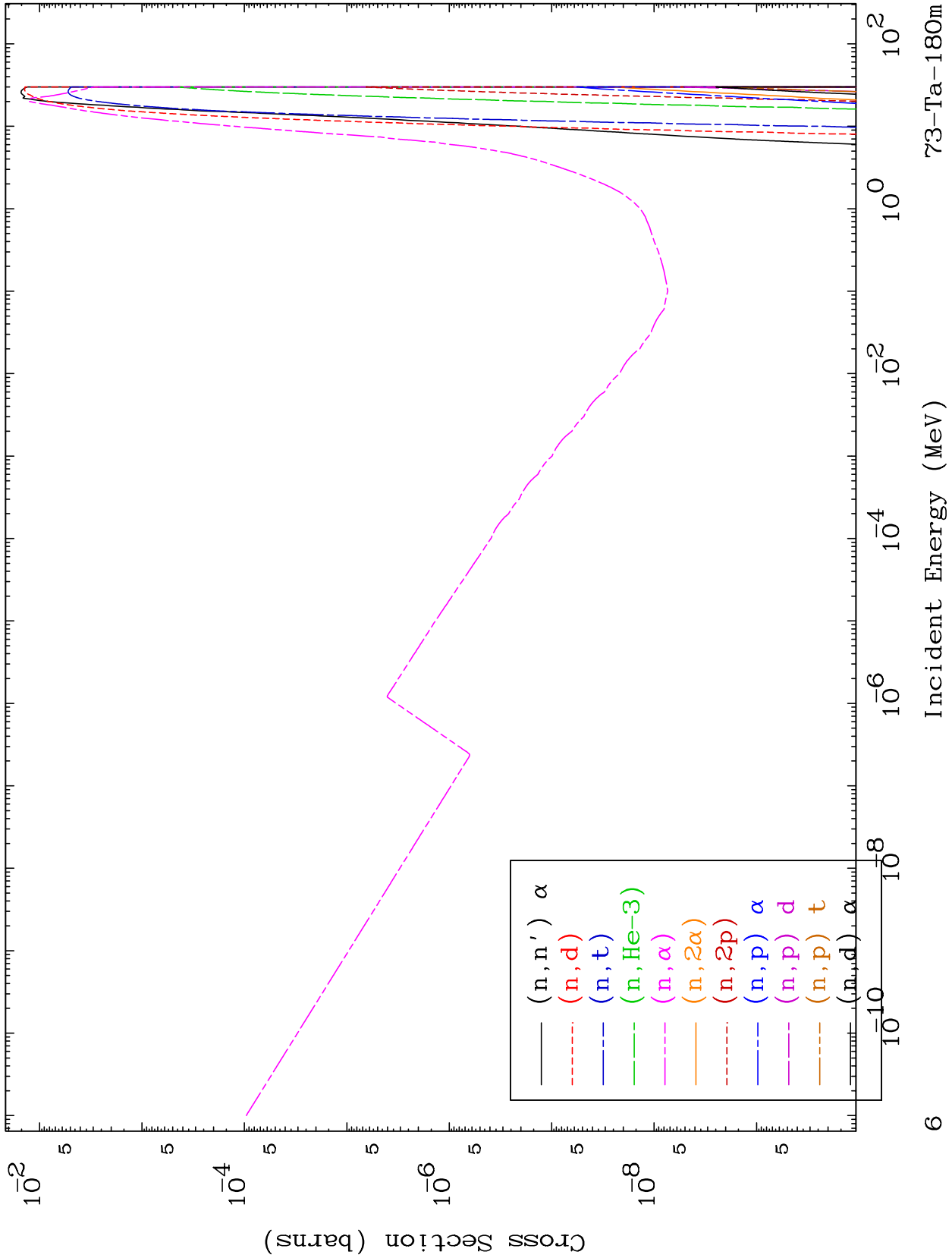
⁷³Ta-180m



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Charged Particle
293 Kelvin Cross Sections

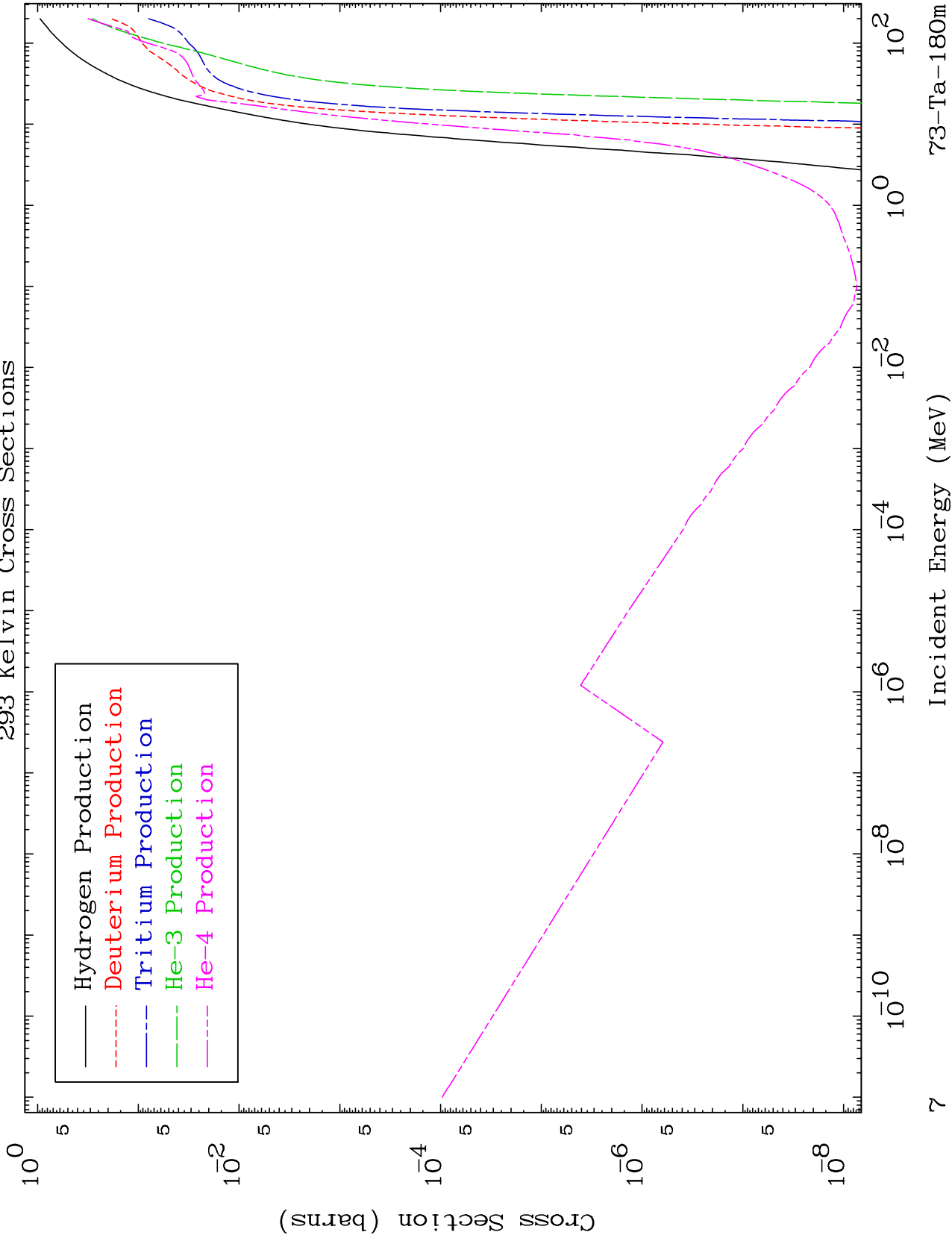
⁷³Ta-180m



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Particle Production
293 Kelvin Cross Sections

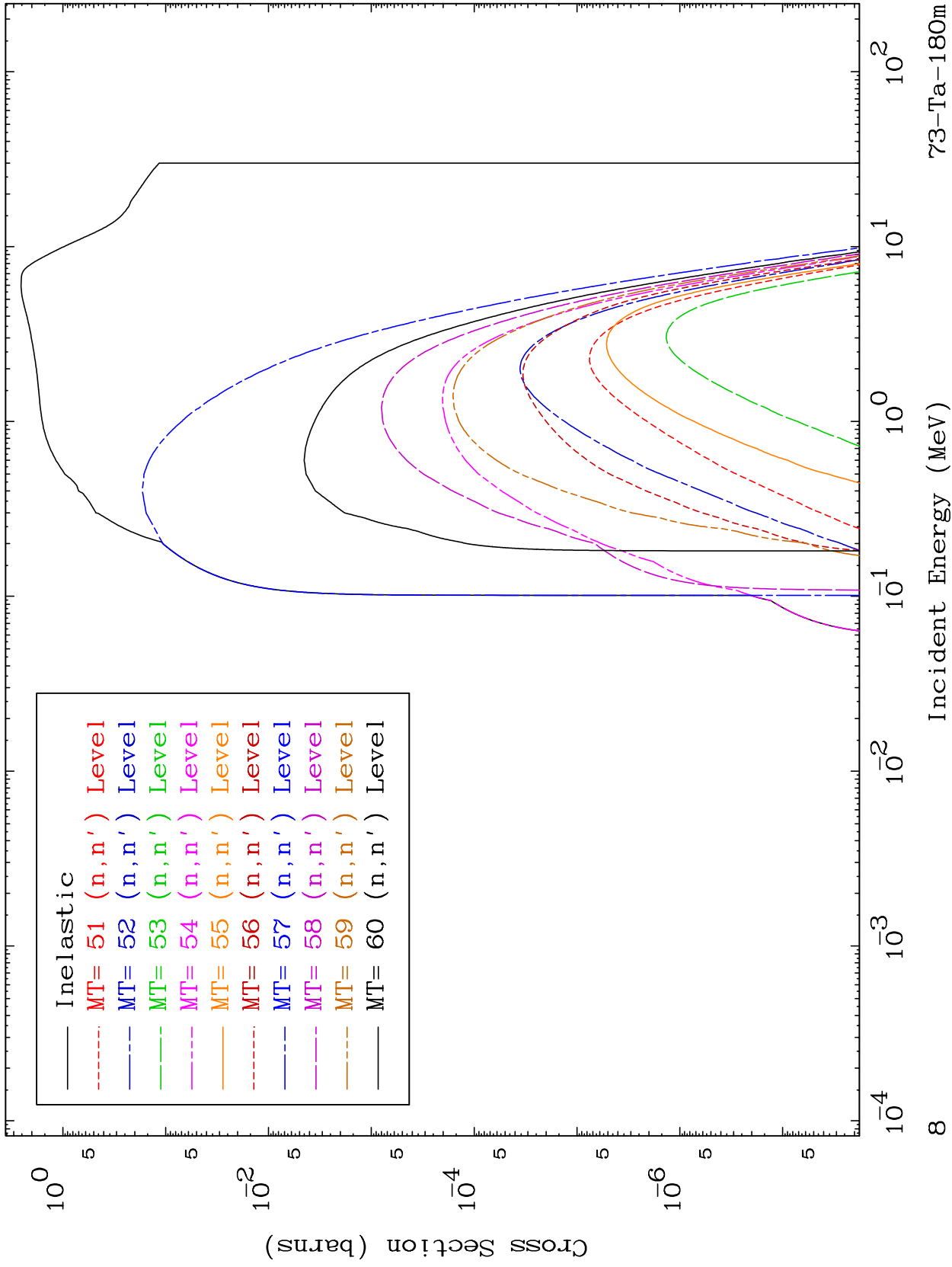
⁷³Ta-180m



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(n,n') Levels
293 Kelvin Cross Sections

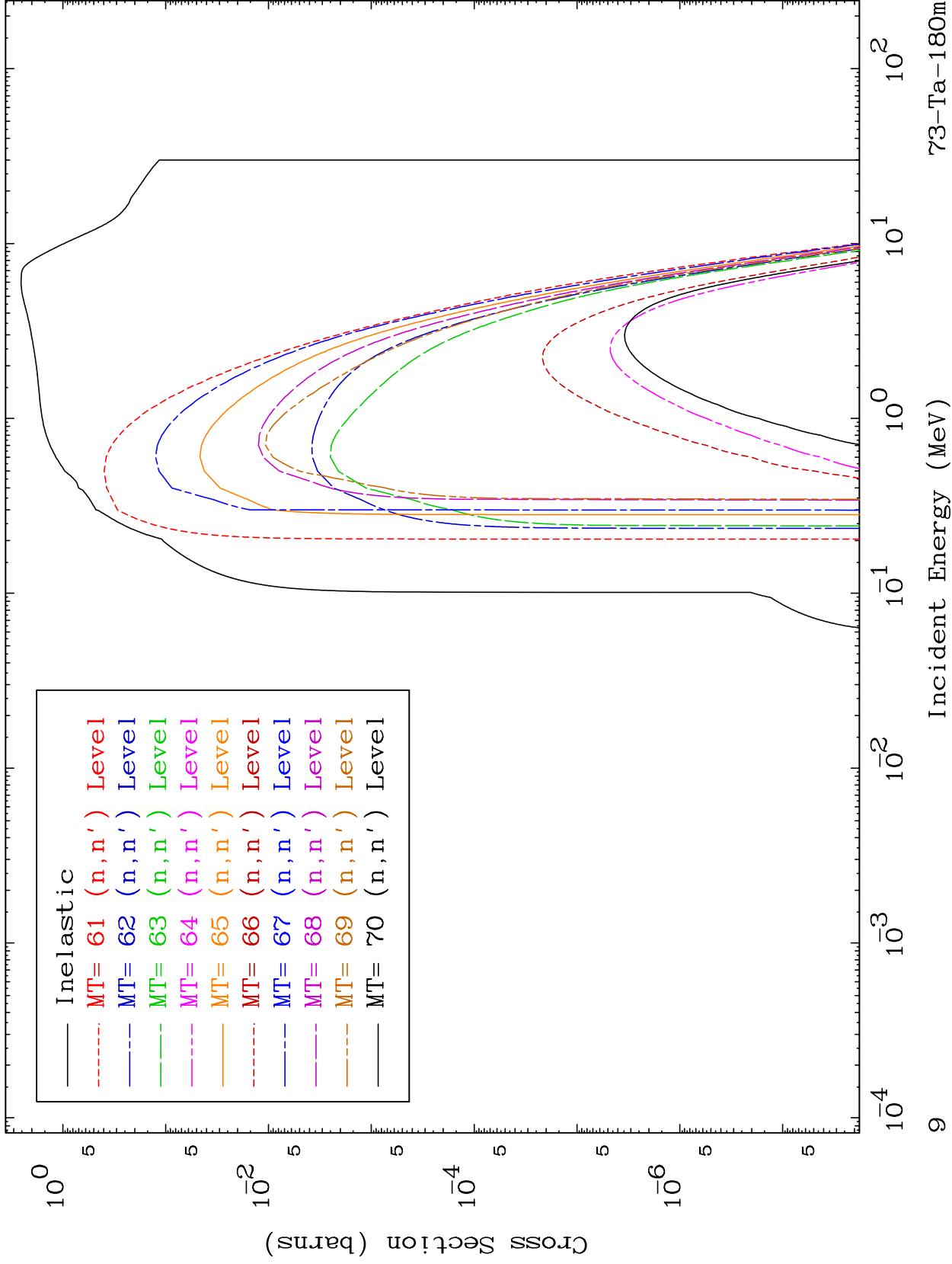
⁷³Ta-180m



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(n,n') Levels
293 Kelvin Cross Sections

⁷³Ta-180m



⁷³Ta-180m

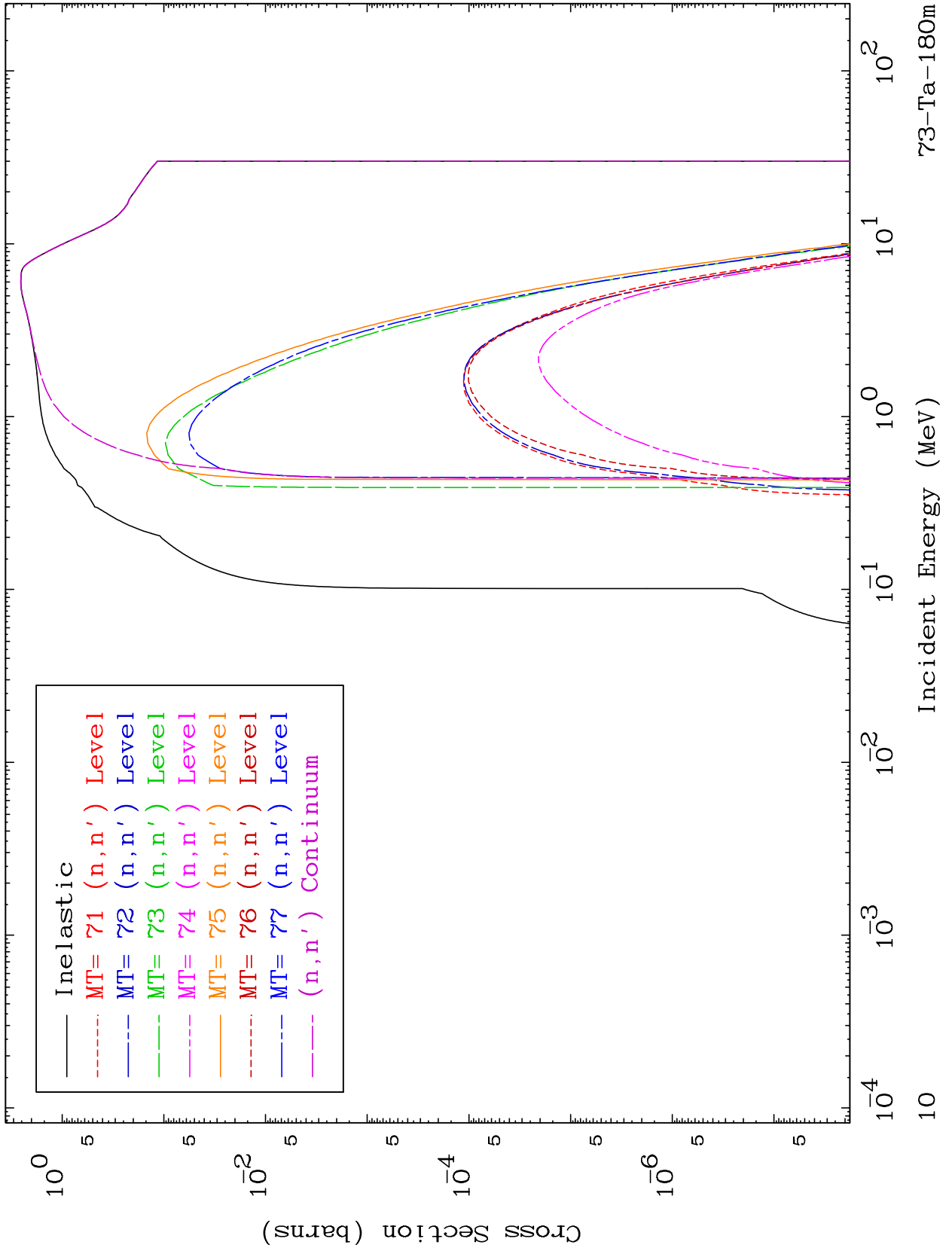
Incident Energy (MeV)

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293 Kelvin Cross Sections
(n,n') Levels

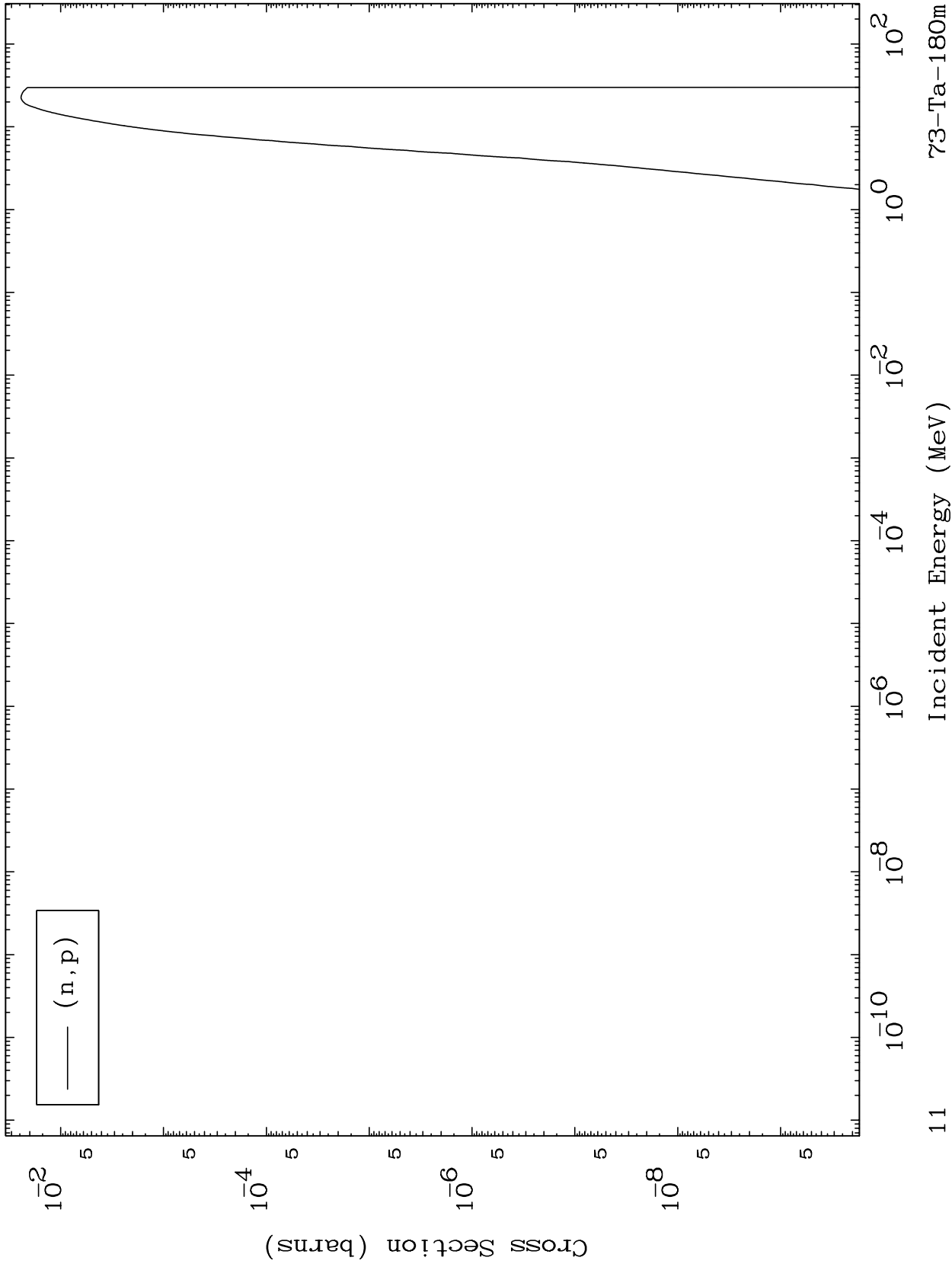
⁷³Ta-180m



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(n,p) Levels
293 Kelvin Cross Sections

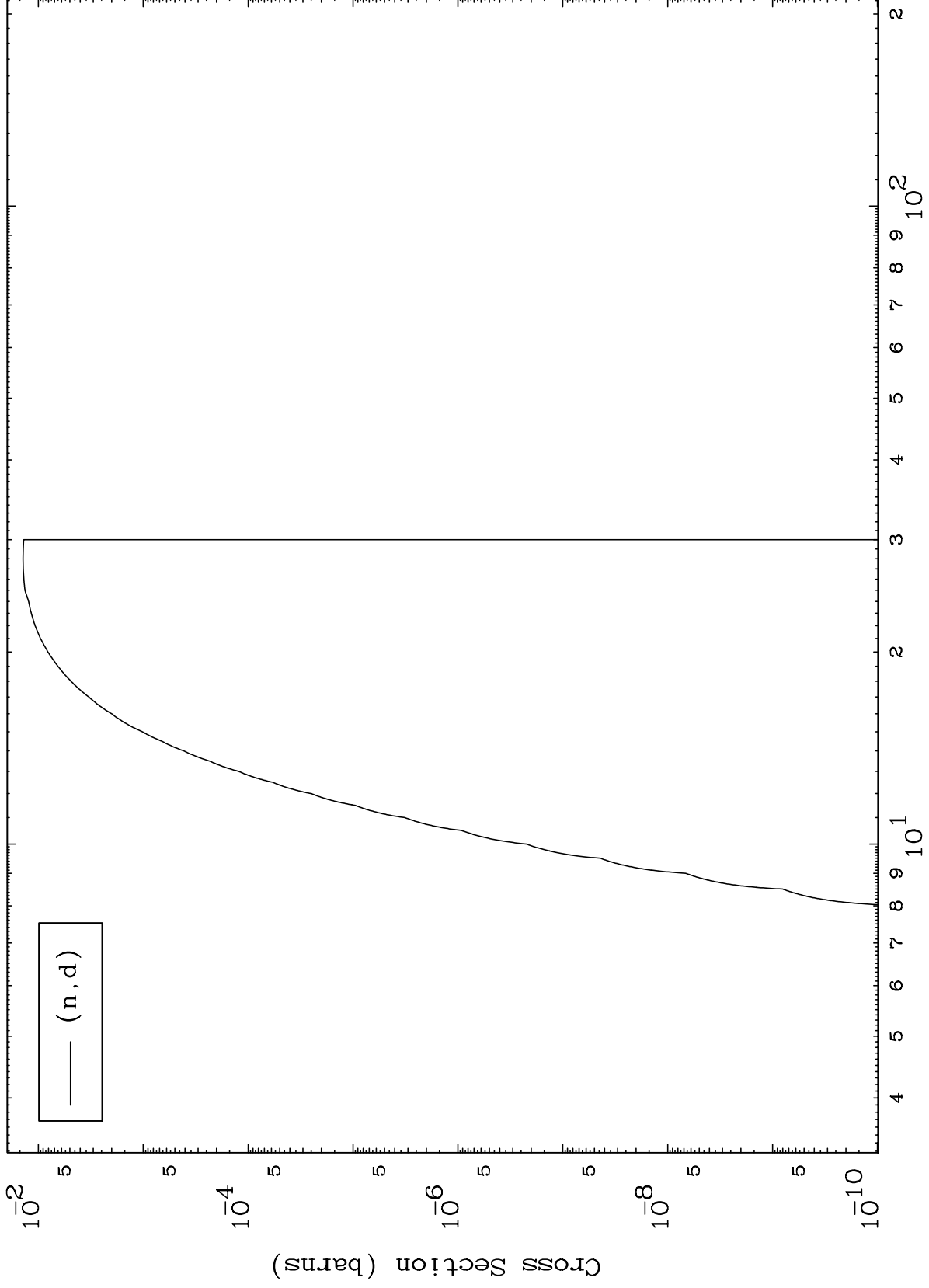
⁷³Ta-180m



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(n,d) Levels
293 Kelvin Cross Sections

⁷³Ta-180m



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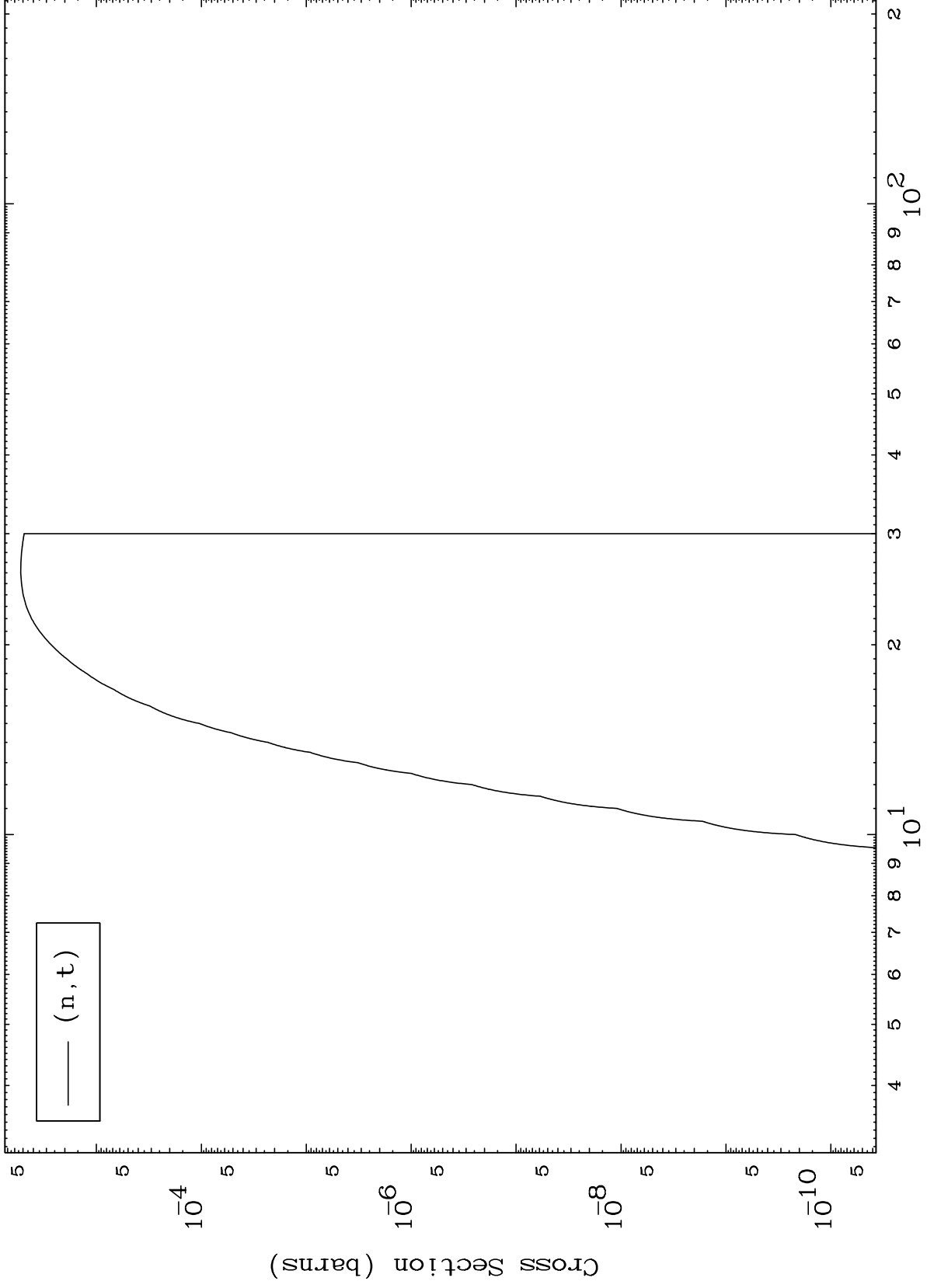
Incident Energy (MeV)

⁷³Ta-180m

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(n,t) Levels
293 Kelvin Cross Sections

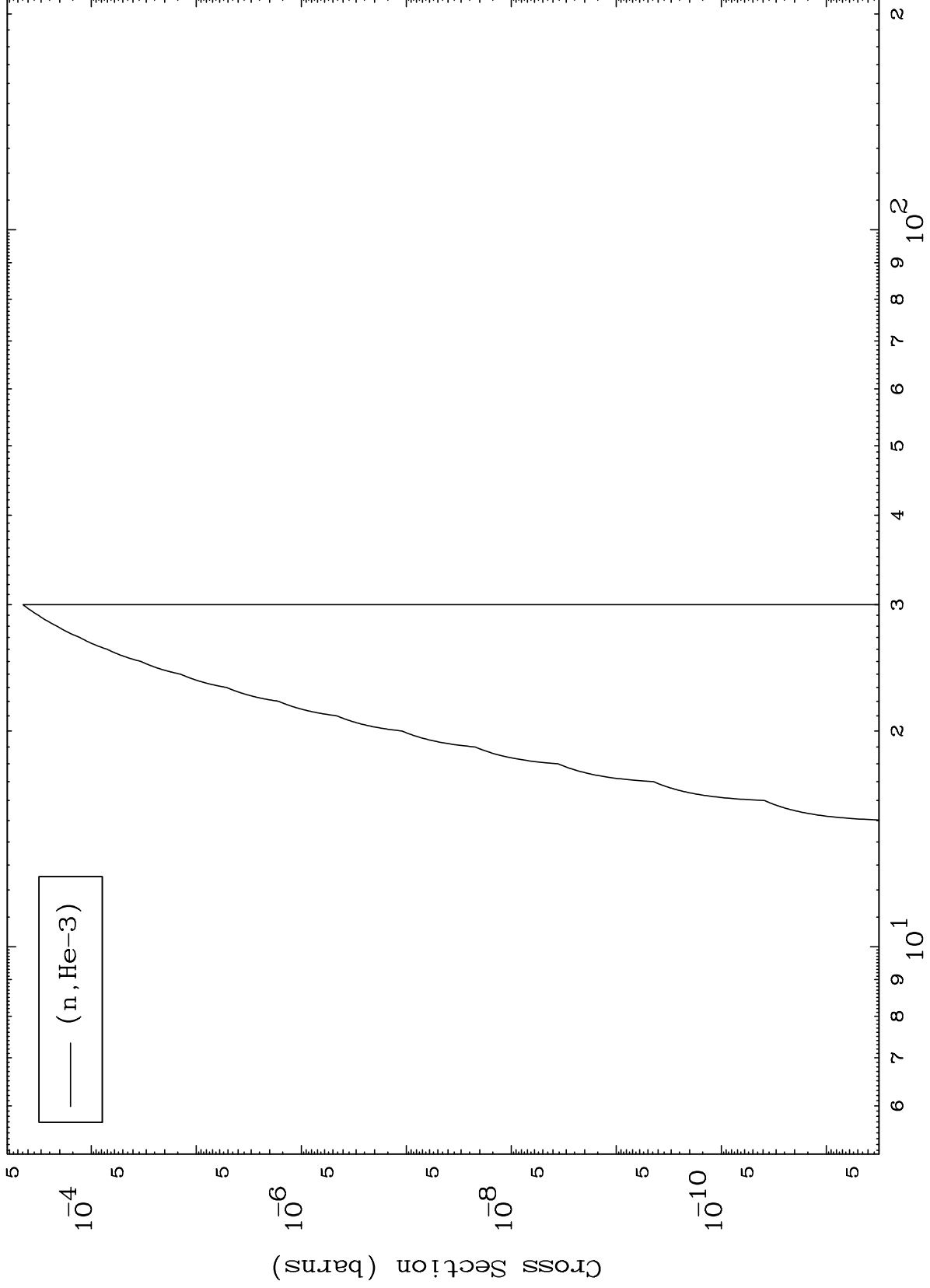
⁷³Ta-180m



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(n,He3) Levels
293 Kelvin Cross Sections

⁷³Ta-180m



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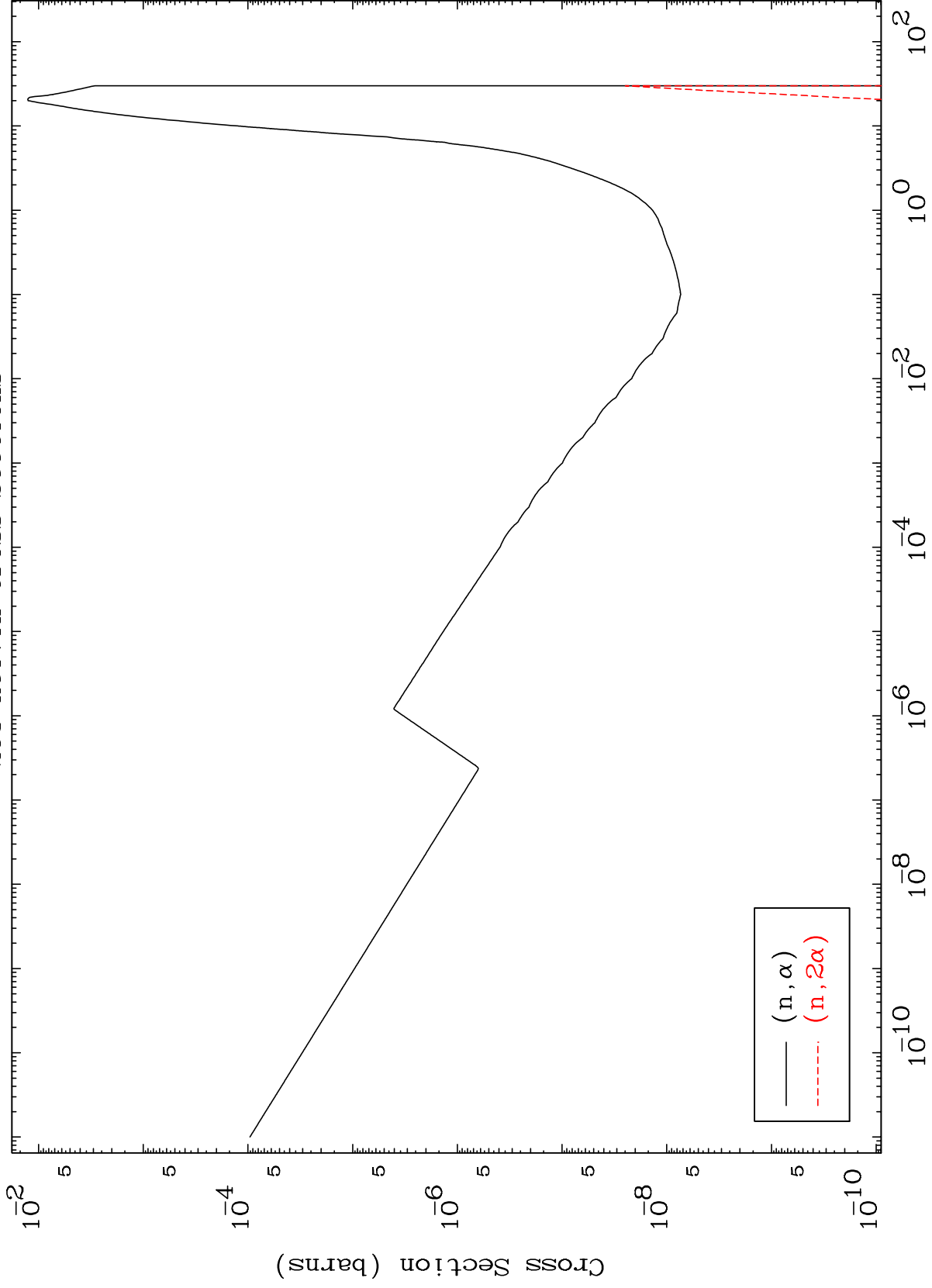
Incident Energy (MeV)

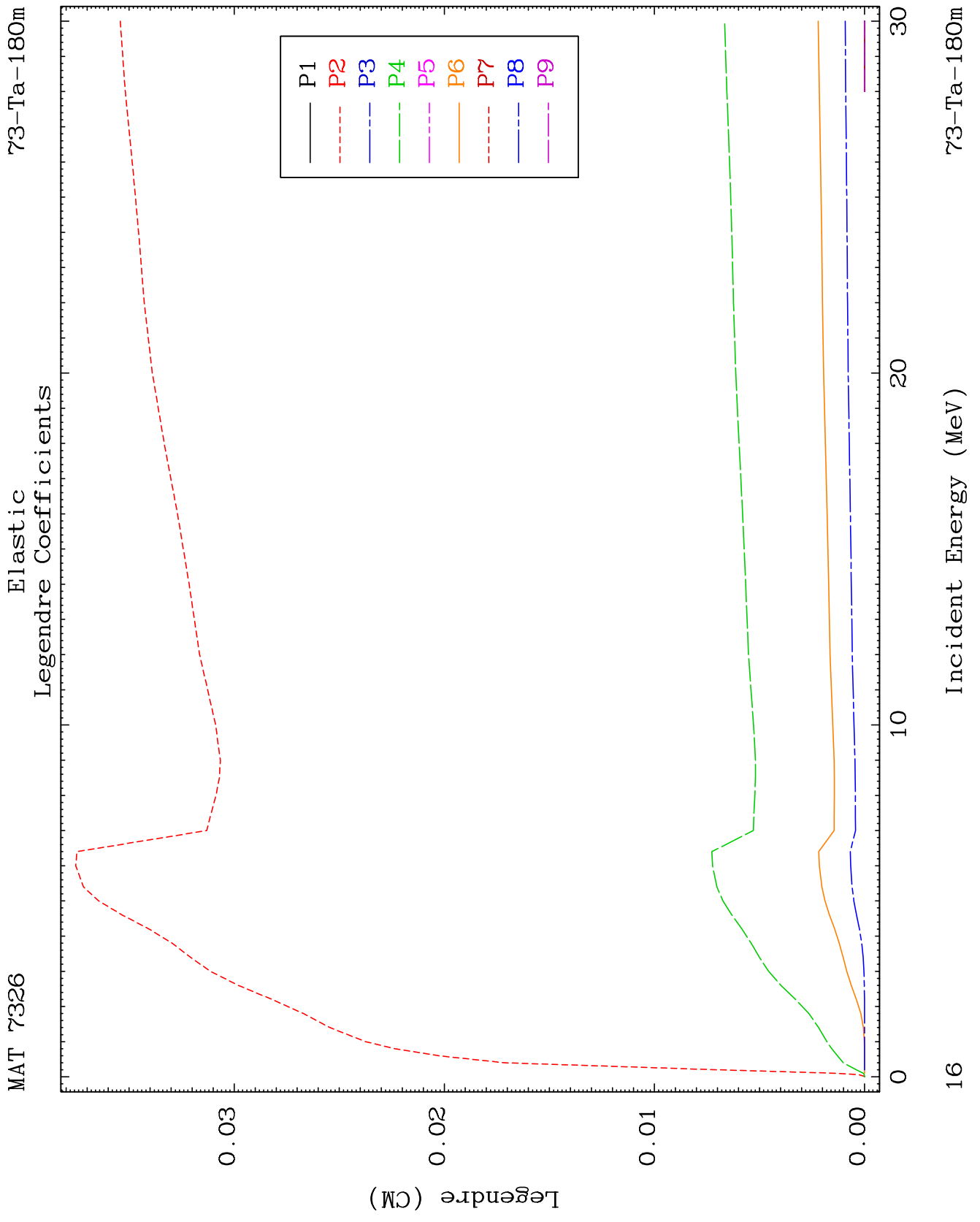
⁷³Ta-180m

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(n,α) Levels
293 Kelvin Cross Sections

⁷³Ta-180m

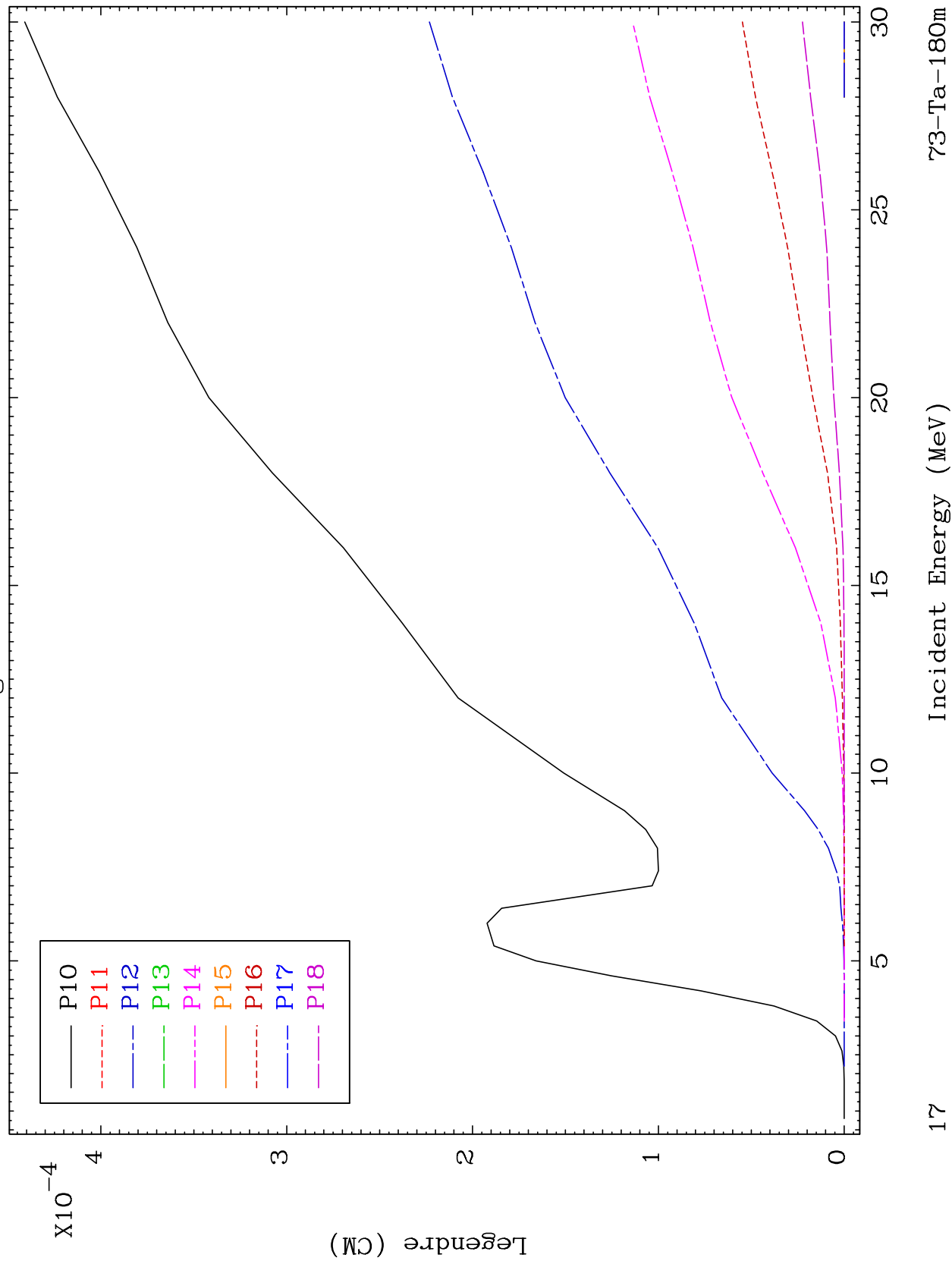




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Elastic Legendre Coefficients

⁷³Ta-180m

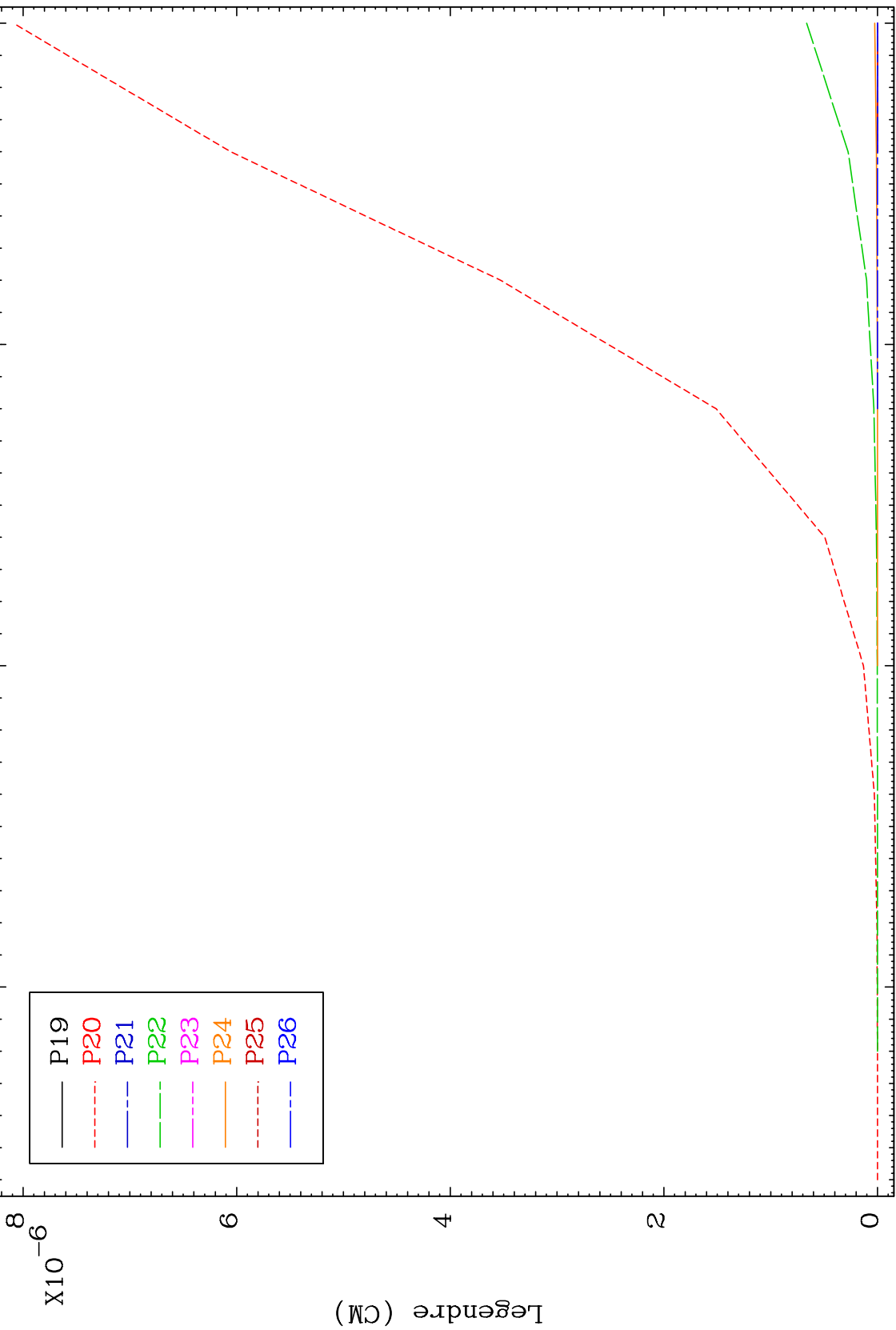


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Elastic
Legendre Coefficients

⁷³Ta-180m



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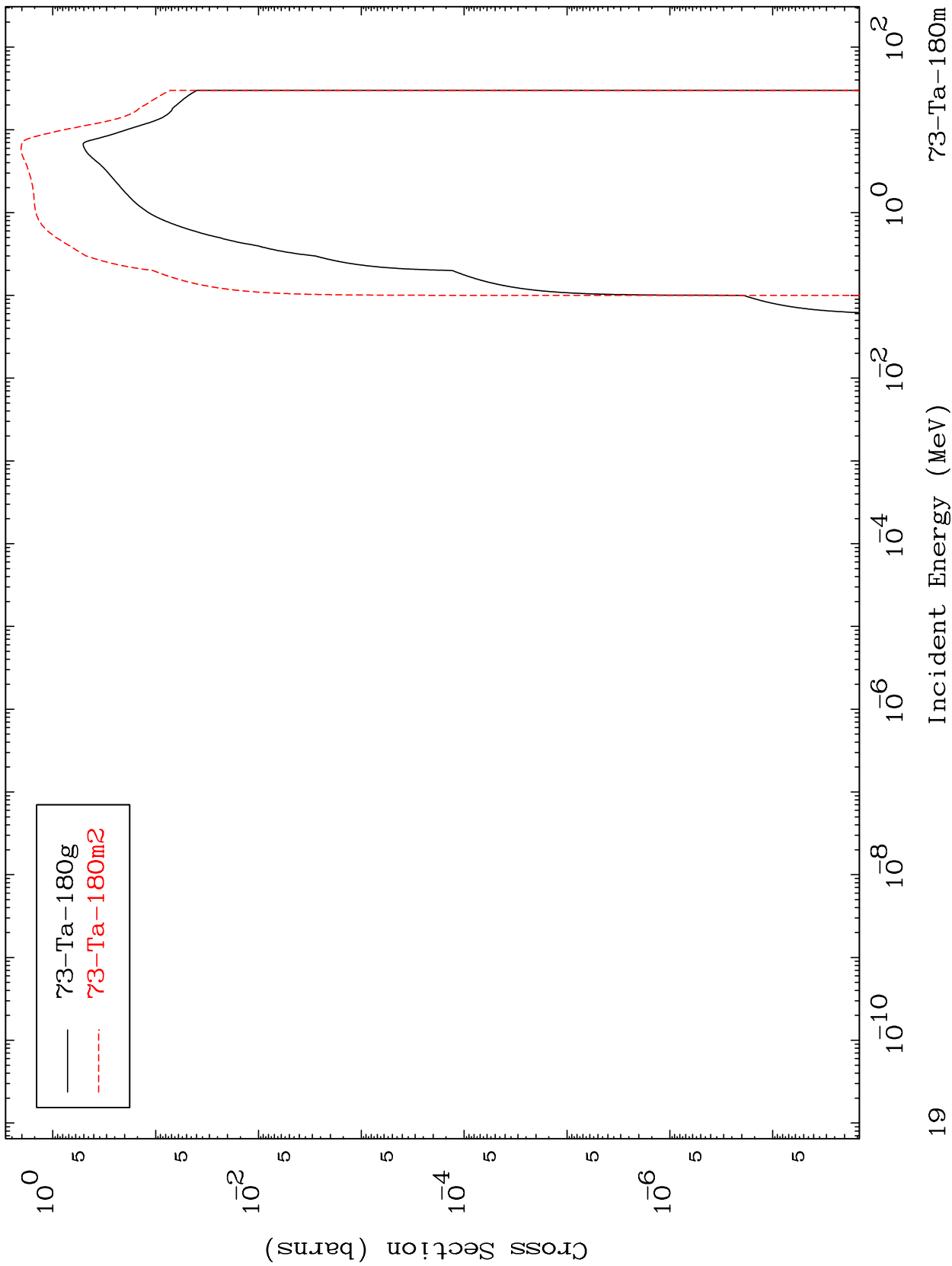
Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m

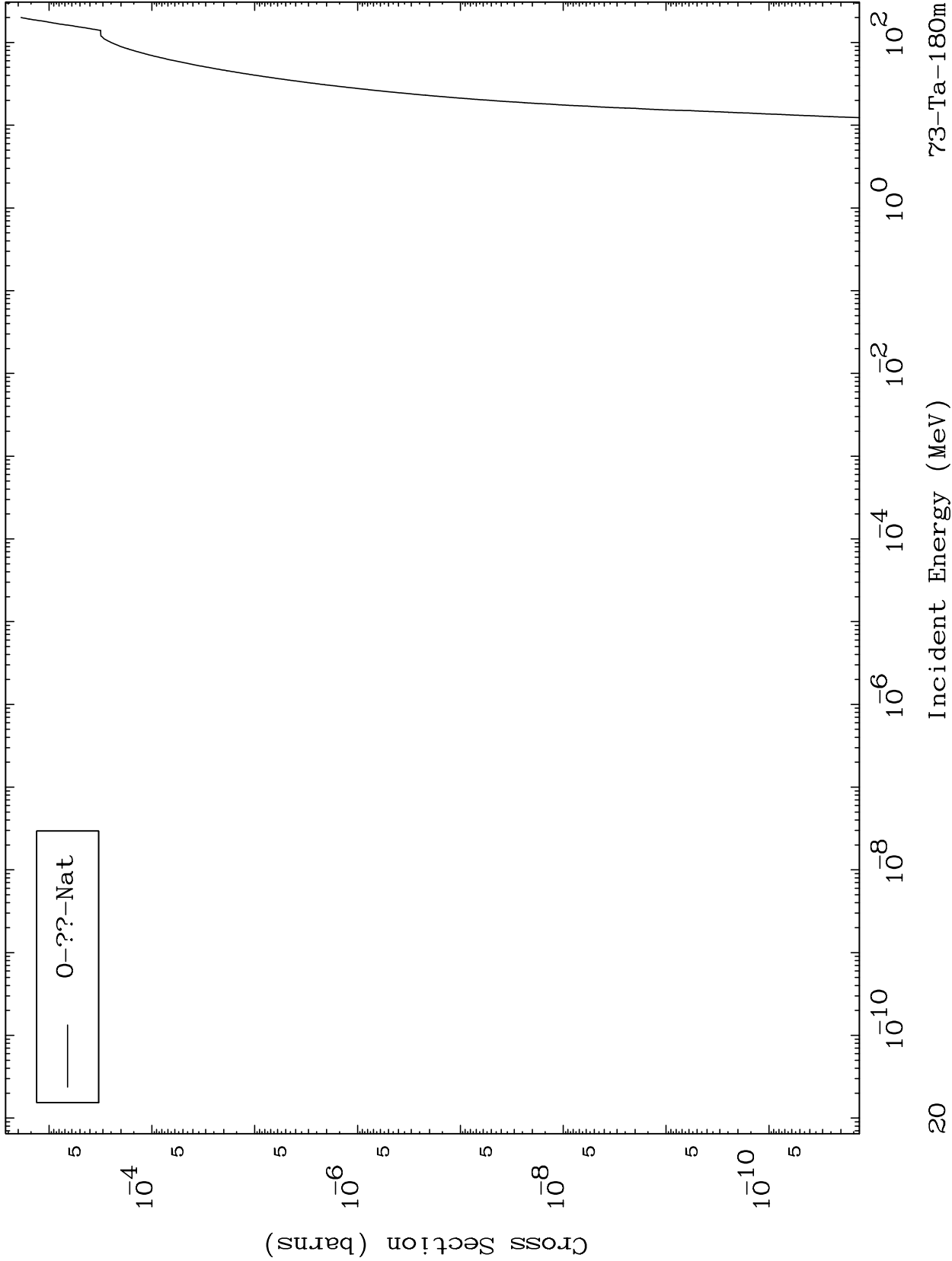
Inelastic
Radionuclide Production Cross Section



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Fission
Radionuclide Production Cross Section

⁷³Ta-180m

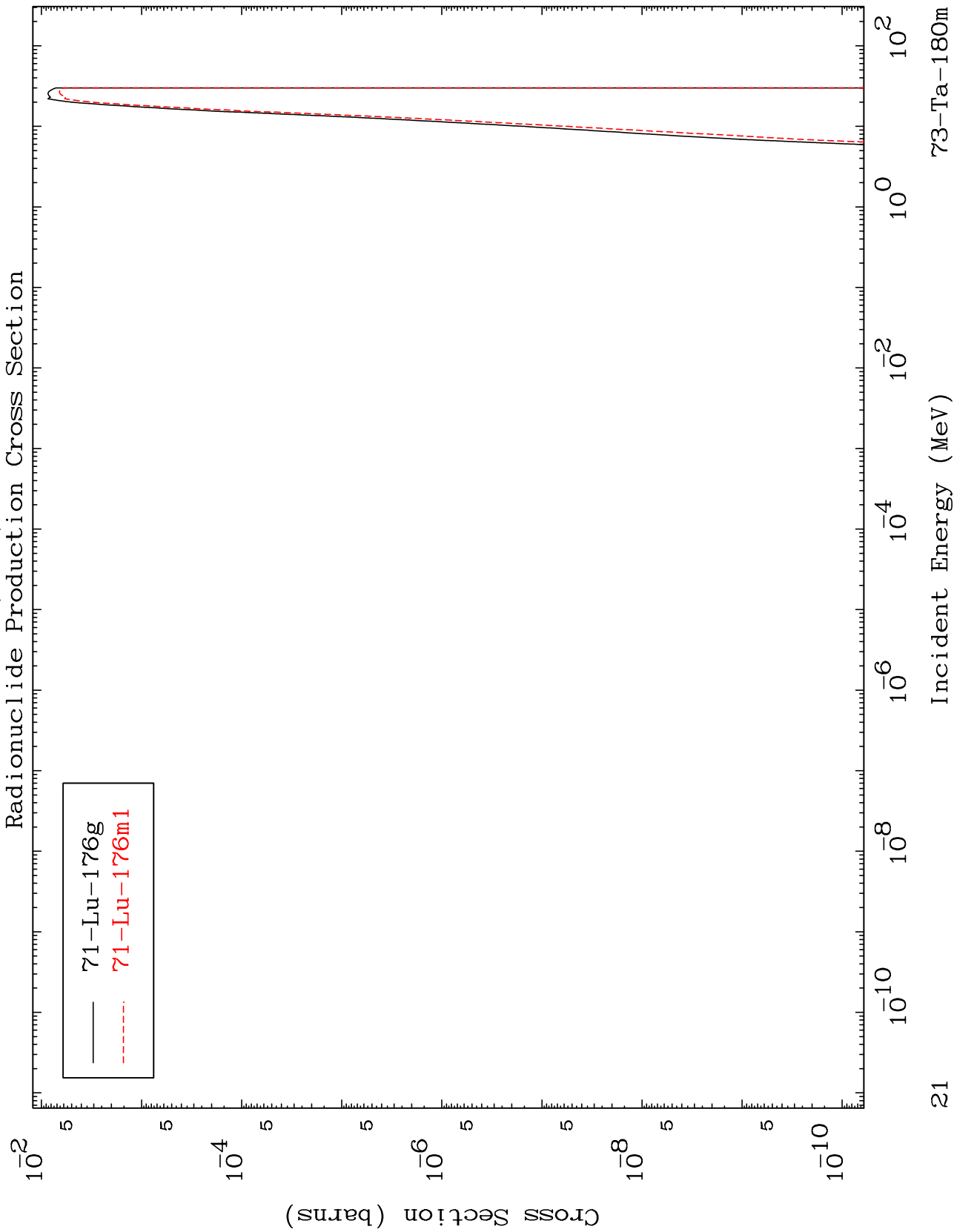


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$(n, n') \alpha$

$^{73}\text{Ta-180m}$

Radionuclide Production Cross Section



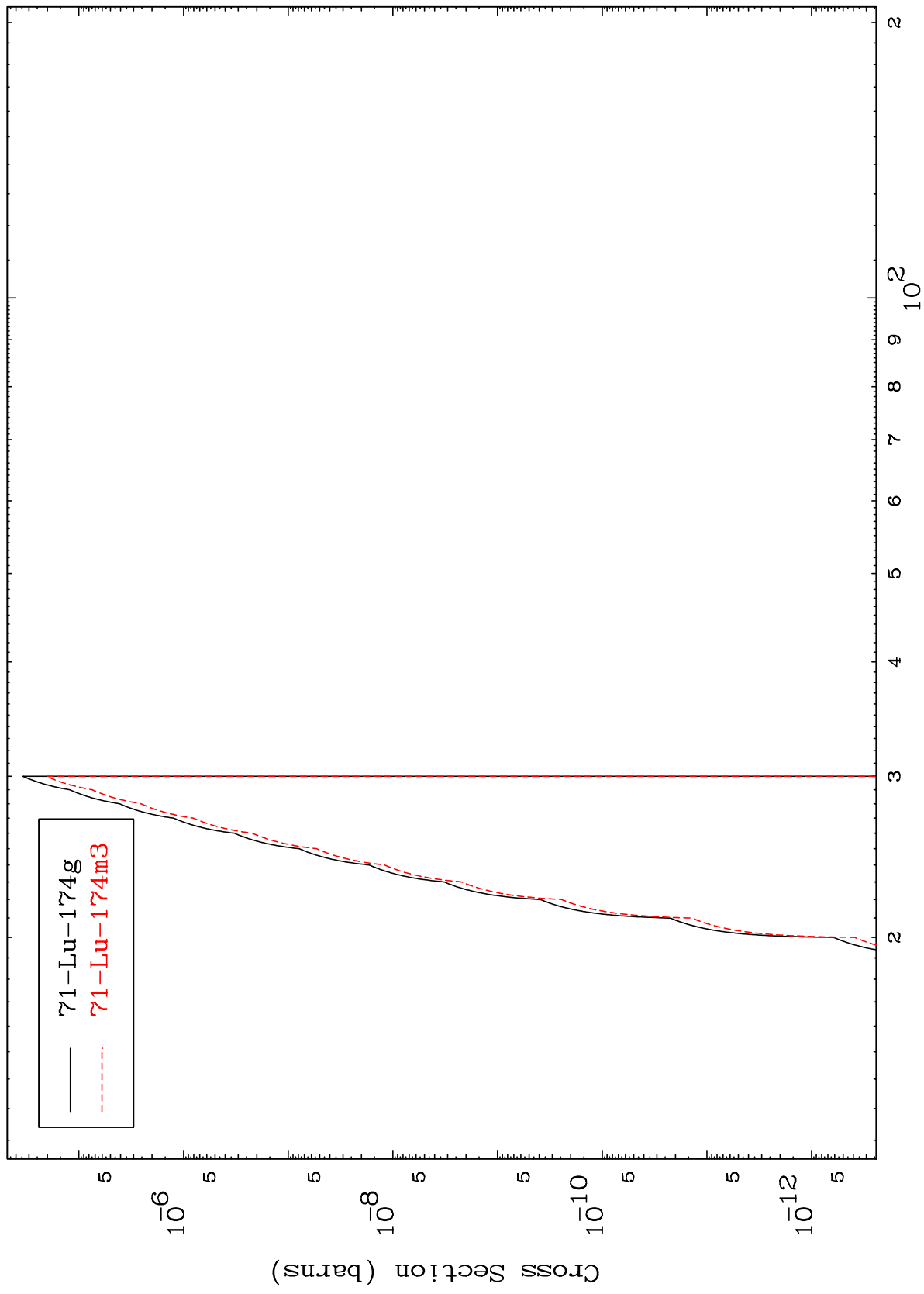
— $^{71}\text{Lu-176g}$
- - - $^{71}\text{Lu-176m1}$

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(n,3n) α

^{73}Ta -180m

Radionuclide Production Cross Section



Incident Energy (MeV)

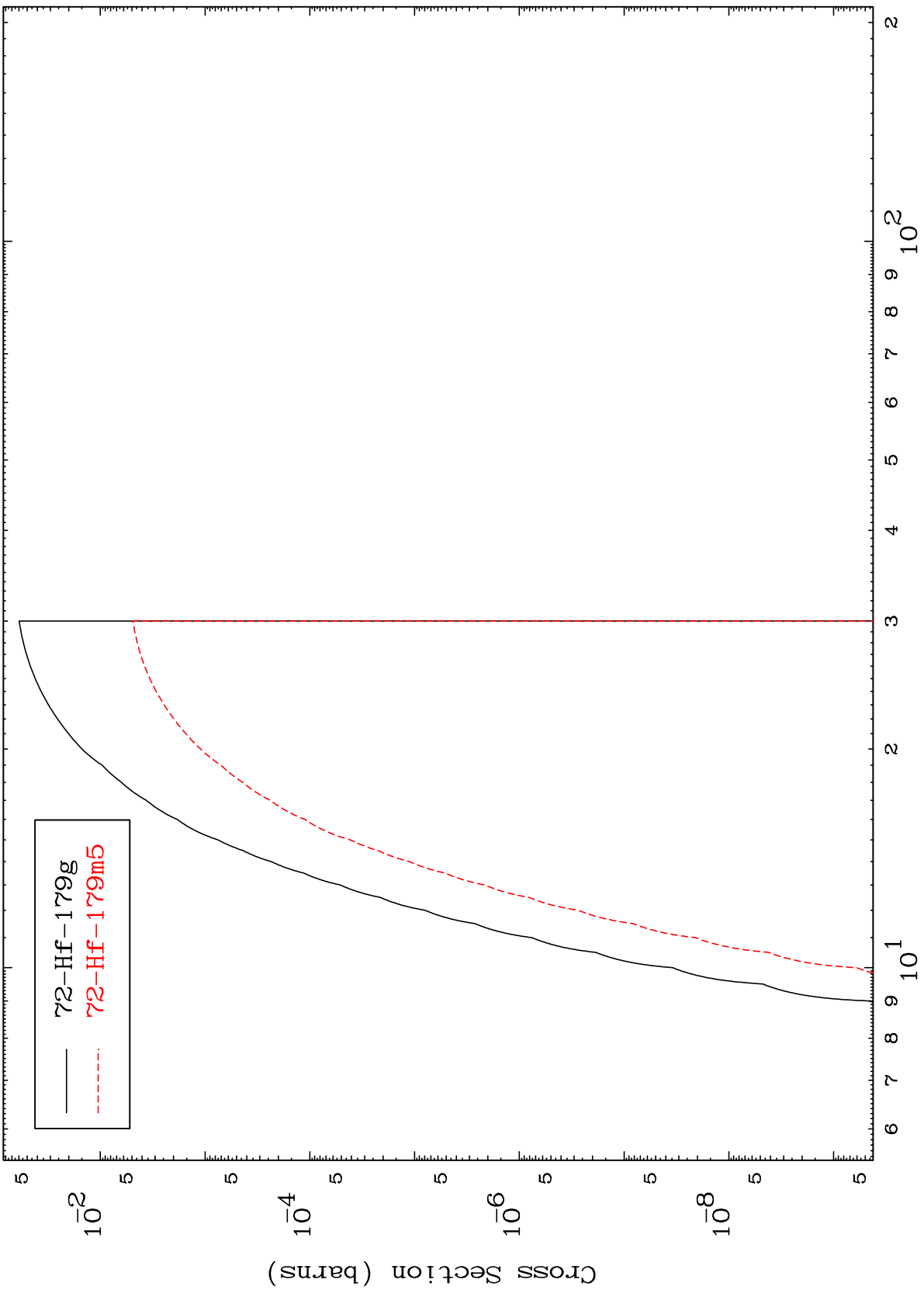
^{73}Ta -180m

MAT 7326

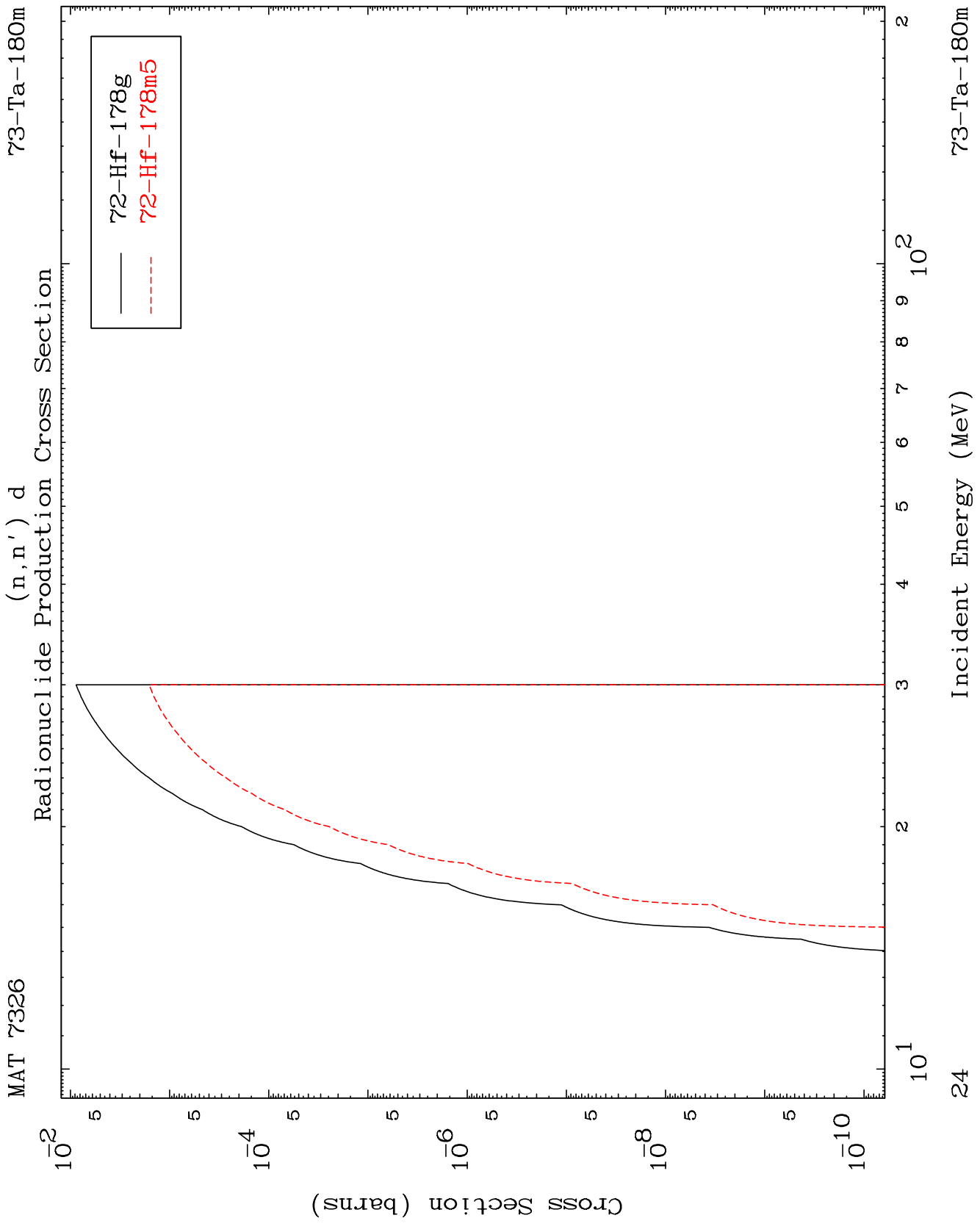
(n,n') p

⁷³Ta-180m

Radionuclide Production Cross Section



— ⁷²Hf-179g
- - - ⁷²Hf-179m5

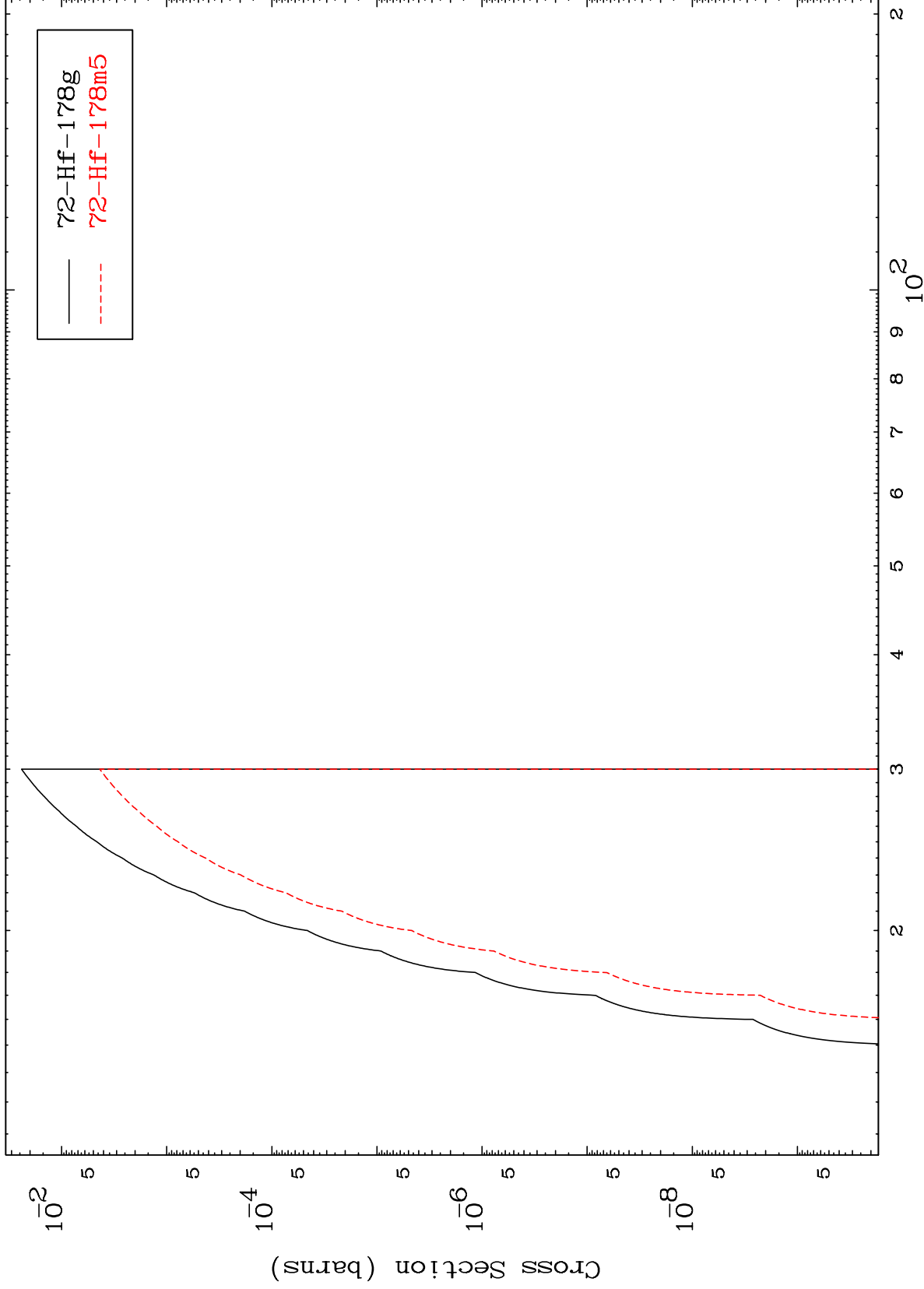


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(n,2n) p

⁷³Ta-180m

Radionuclide Production Cross Section

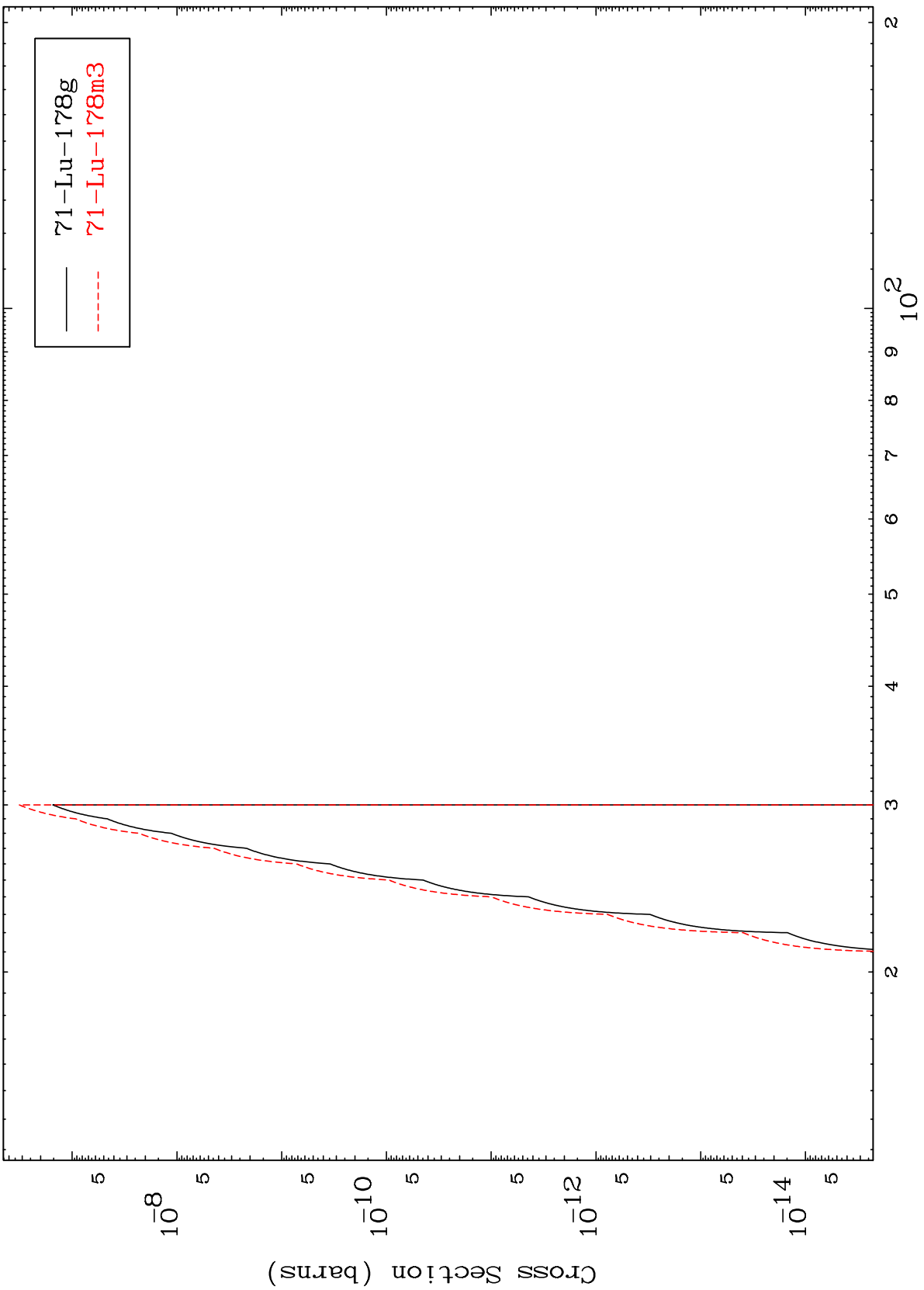


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Incident Energy (MeV)

⁷³Ta-180m

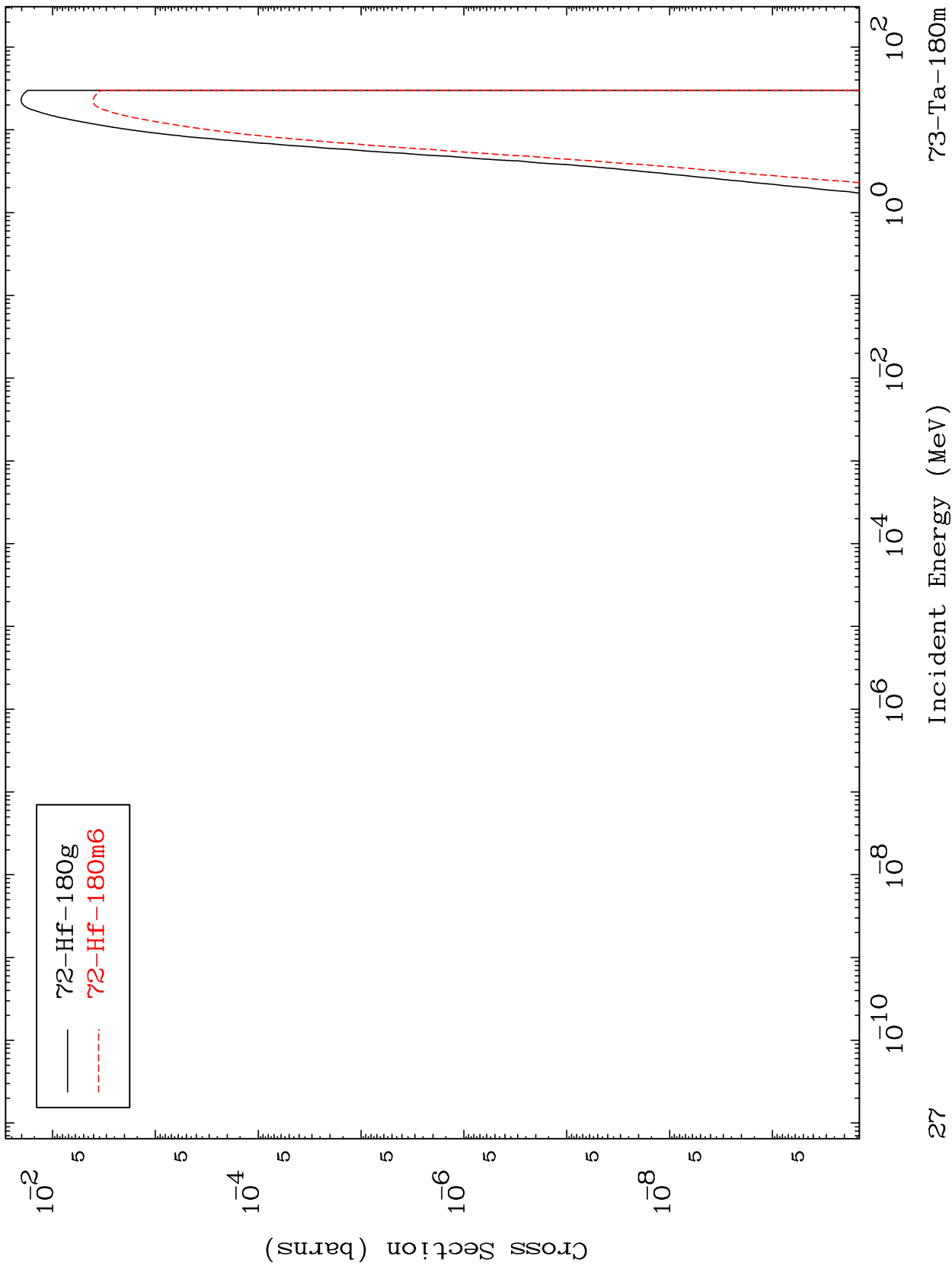
(n,2n) p
Radionuclide Production Cross Section



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(n,p)
Radionuclide Production Cross Section

⁷³Ta-180m

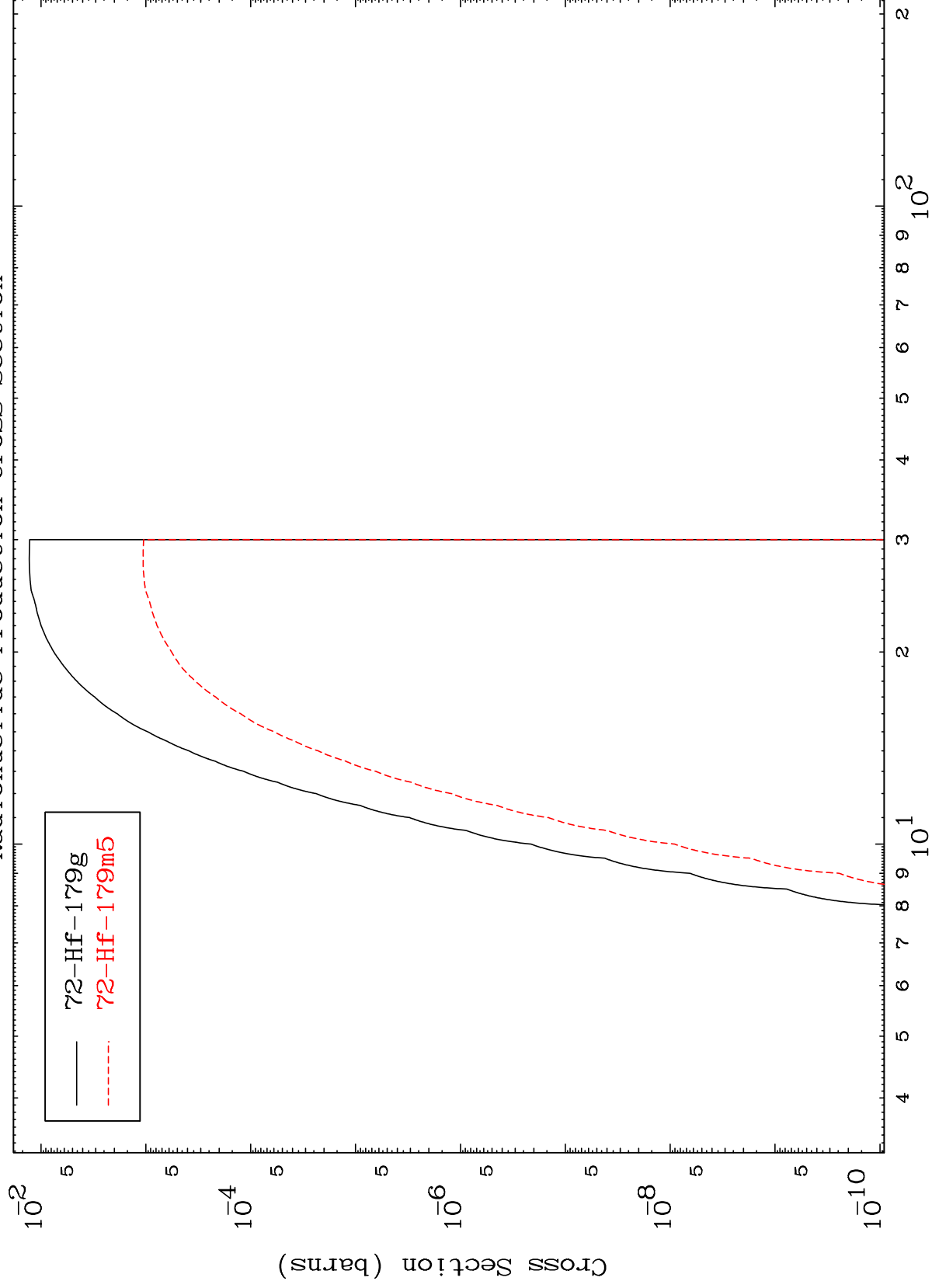


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(n, d)

⁷³Ta-180m

Radionuclide Production Cross Section



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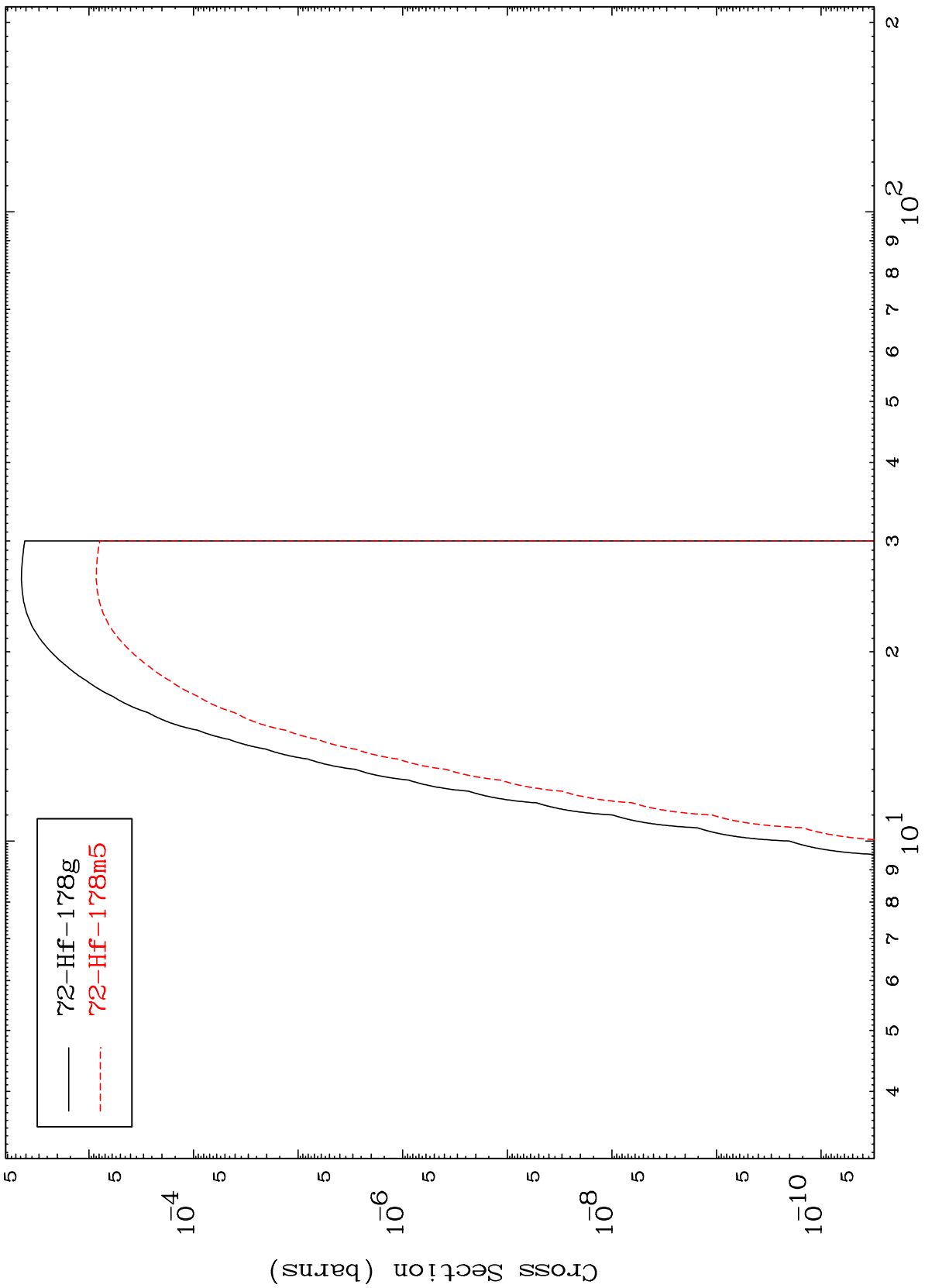
Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷³Ta-180m

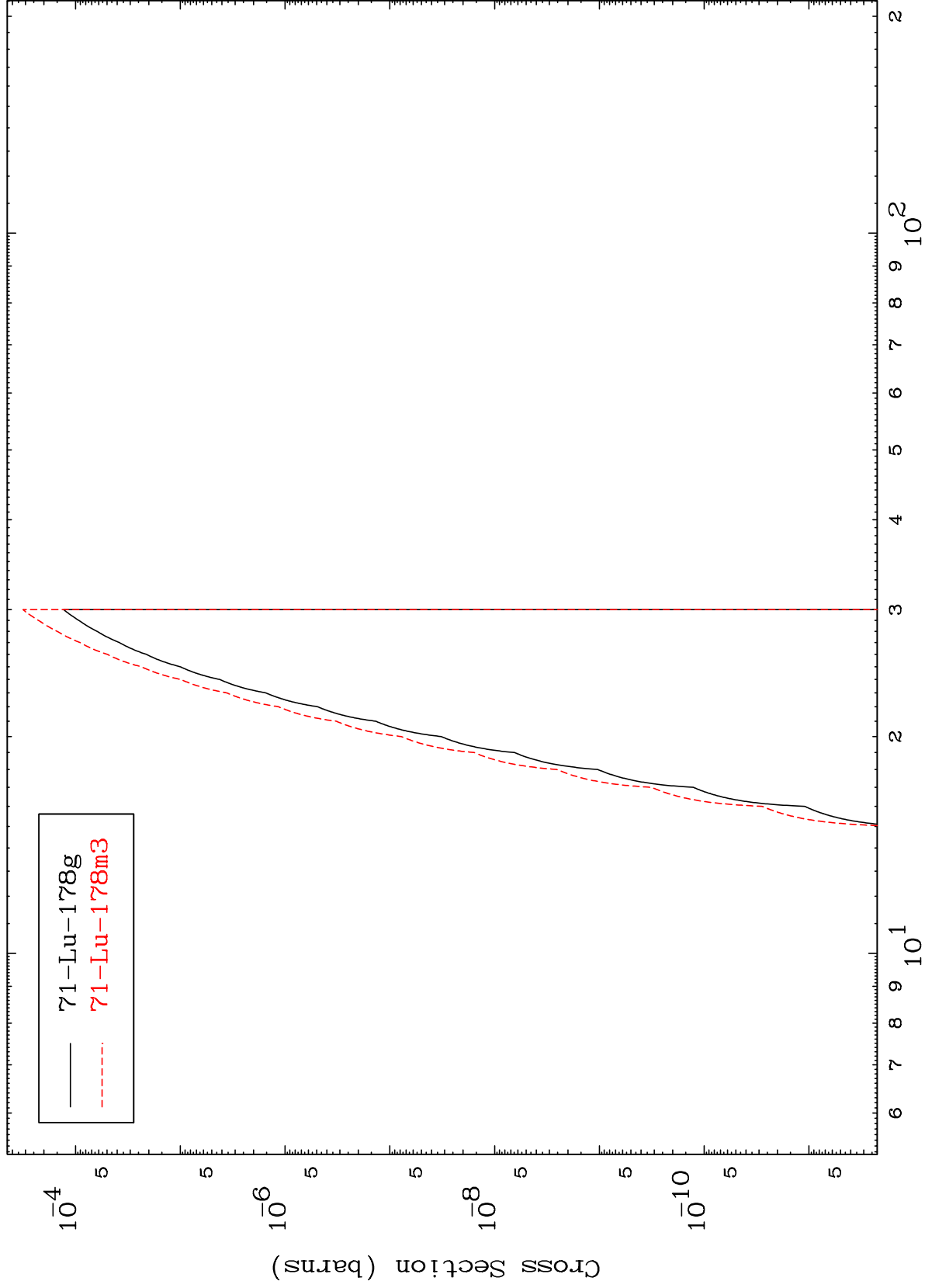
29

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(n,He-3)

73-Ta-180m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

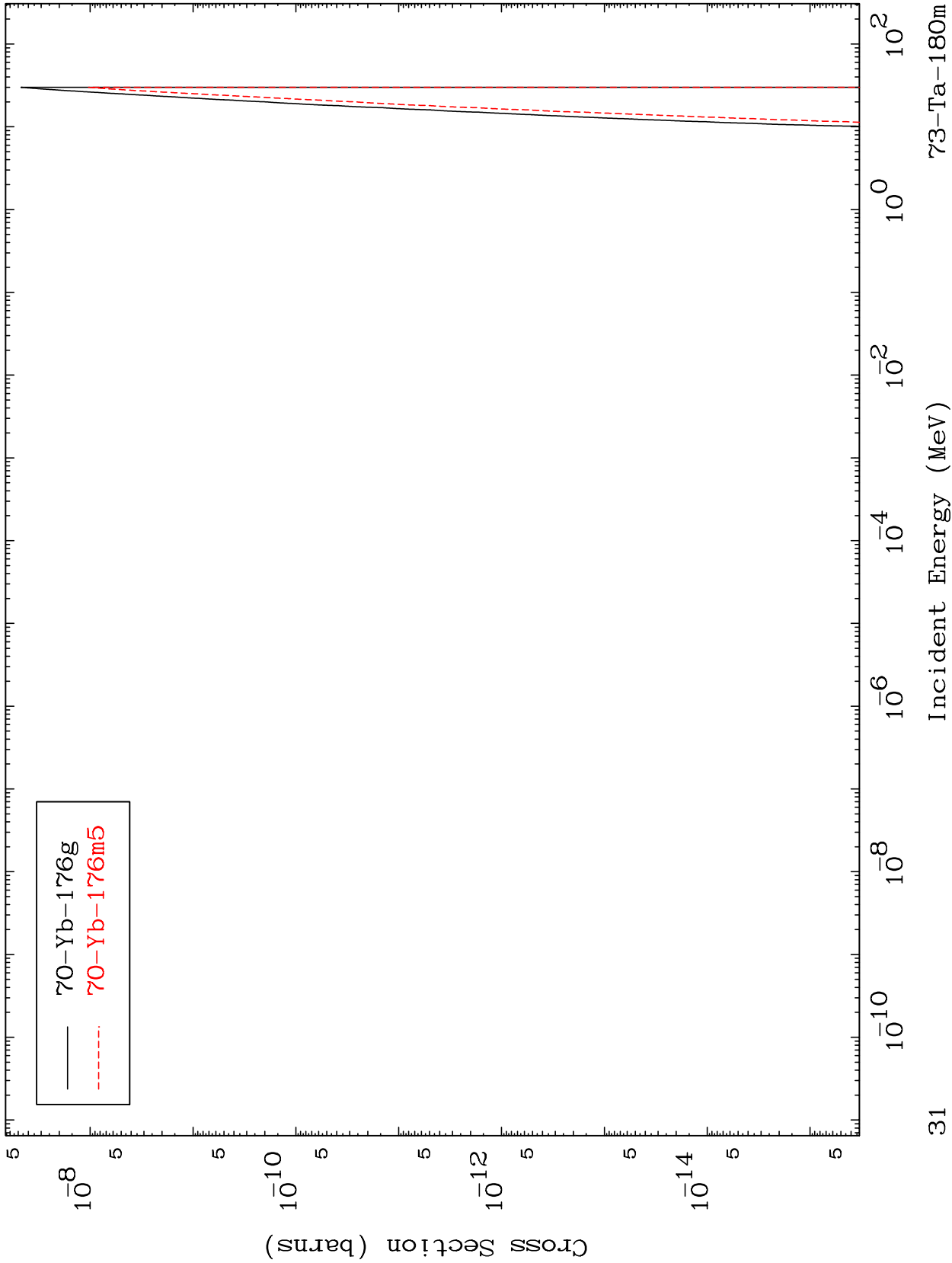
73-Ta-180m

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(n,p) α

$^{73}\text{Ta}-180\text{m}$

Radionuclide Production Cross Section

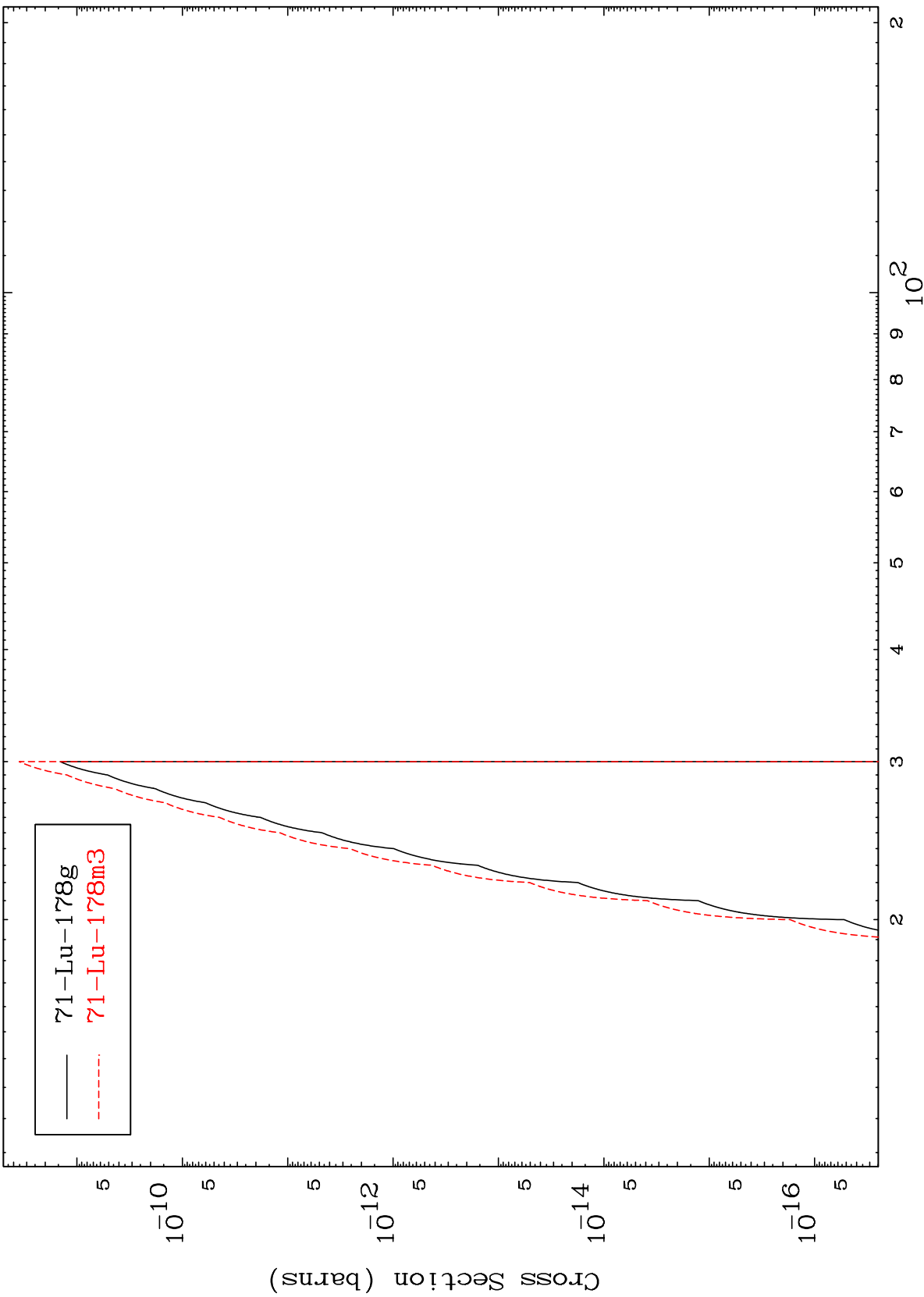


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(n,p) d

⁷³Ta-180m

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

Incident Energy (MeV)

⁷³Ta-180m