

Program EVALPLOT
(Version 2021-1)

by

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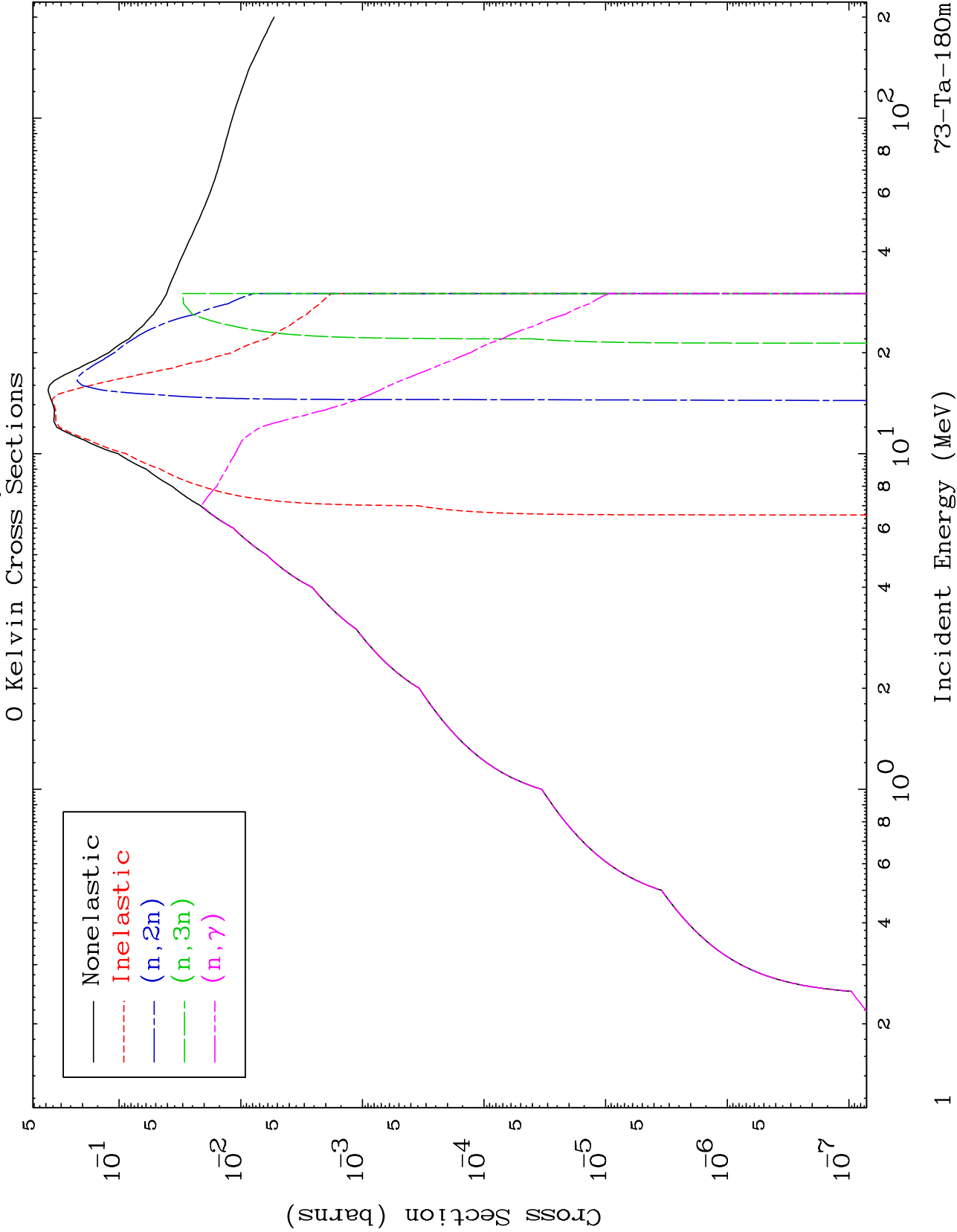
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7326

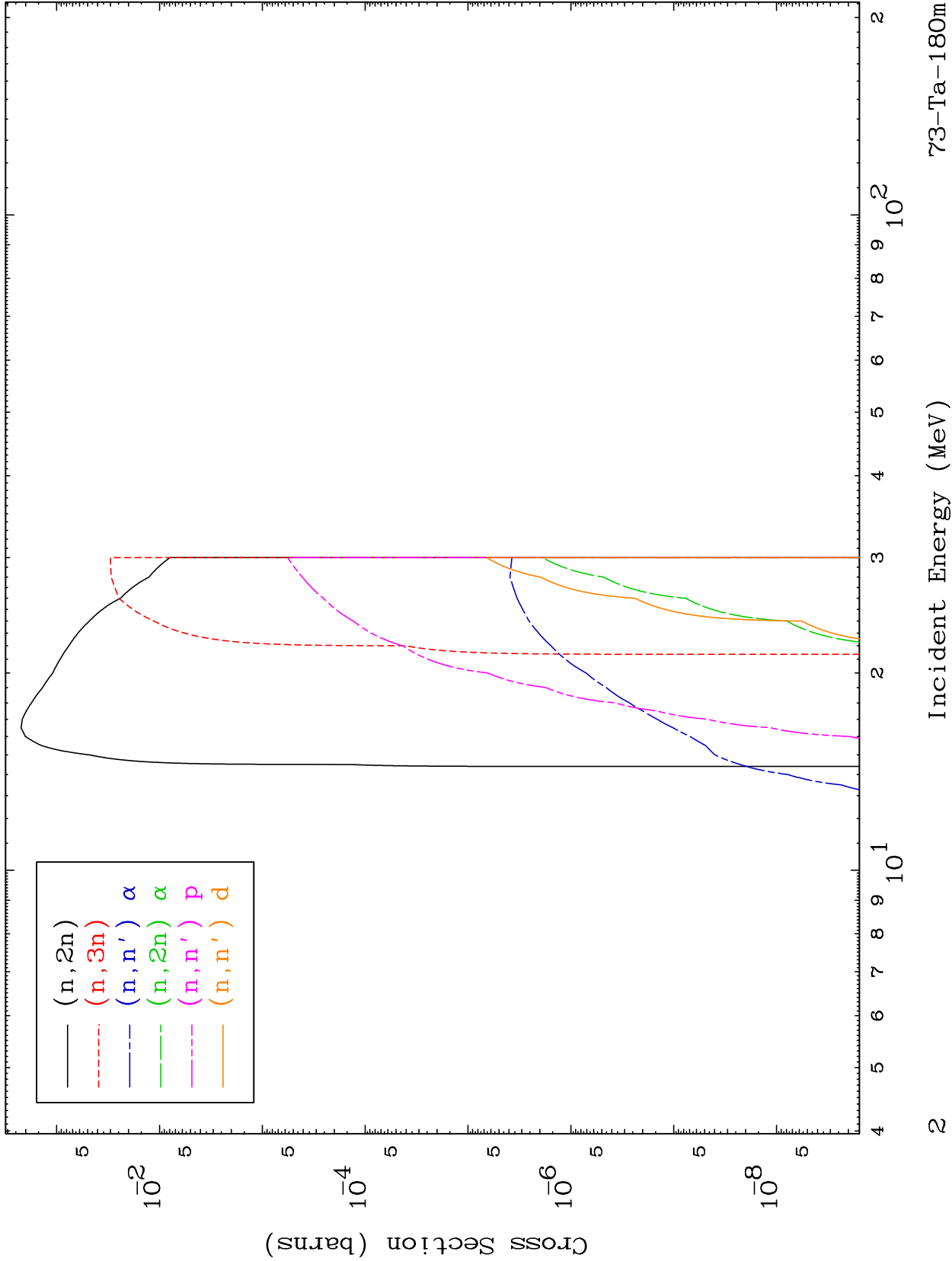
Photon Major

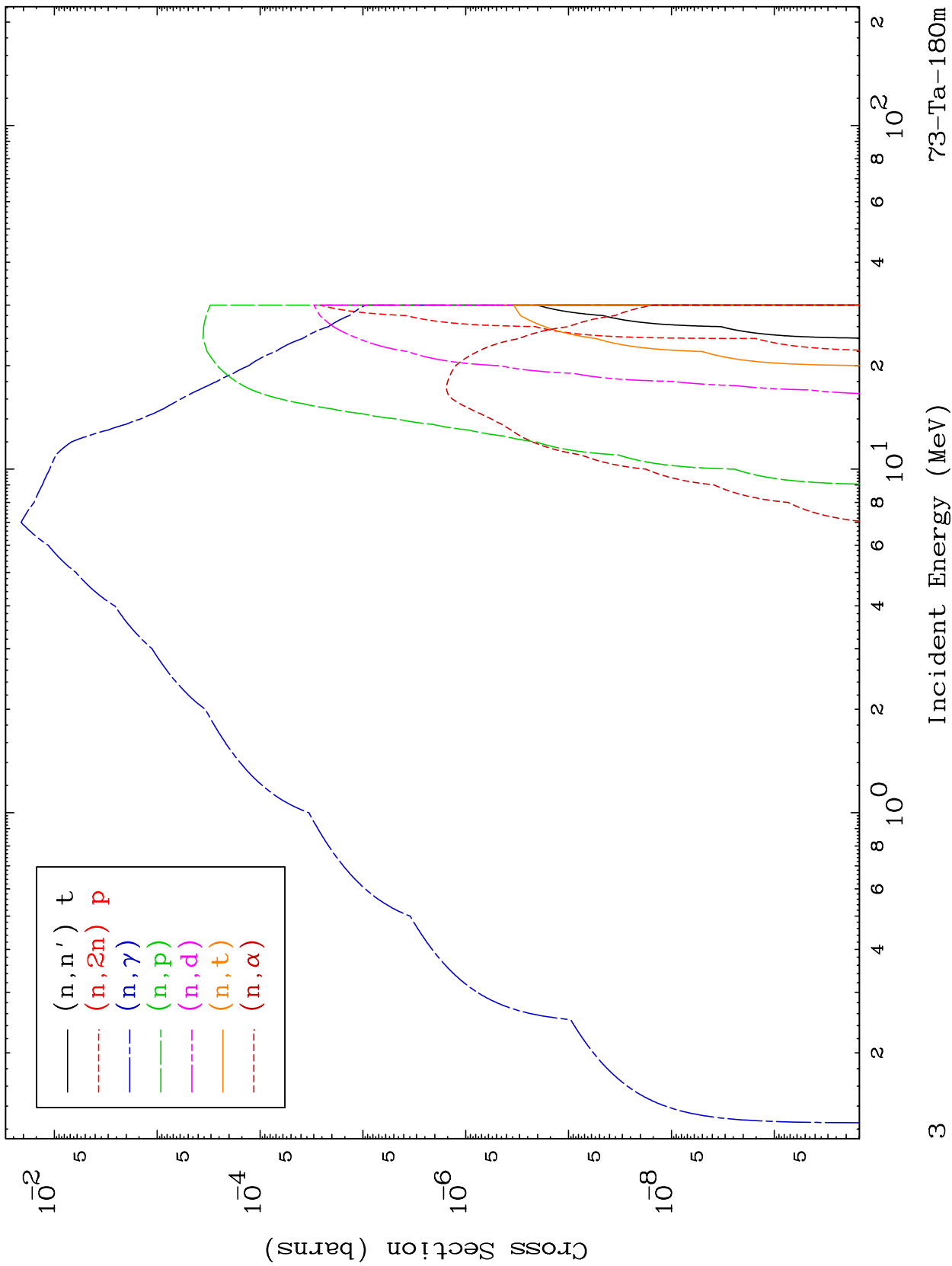
⁷³Ta-180m



Legend:

- Nonelastic
- Inelastic
- (n,2n)
- (n,3n)
- (n, γ)

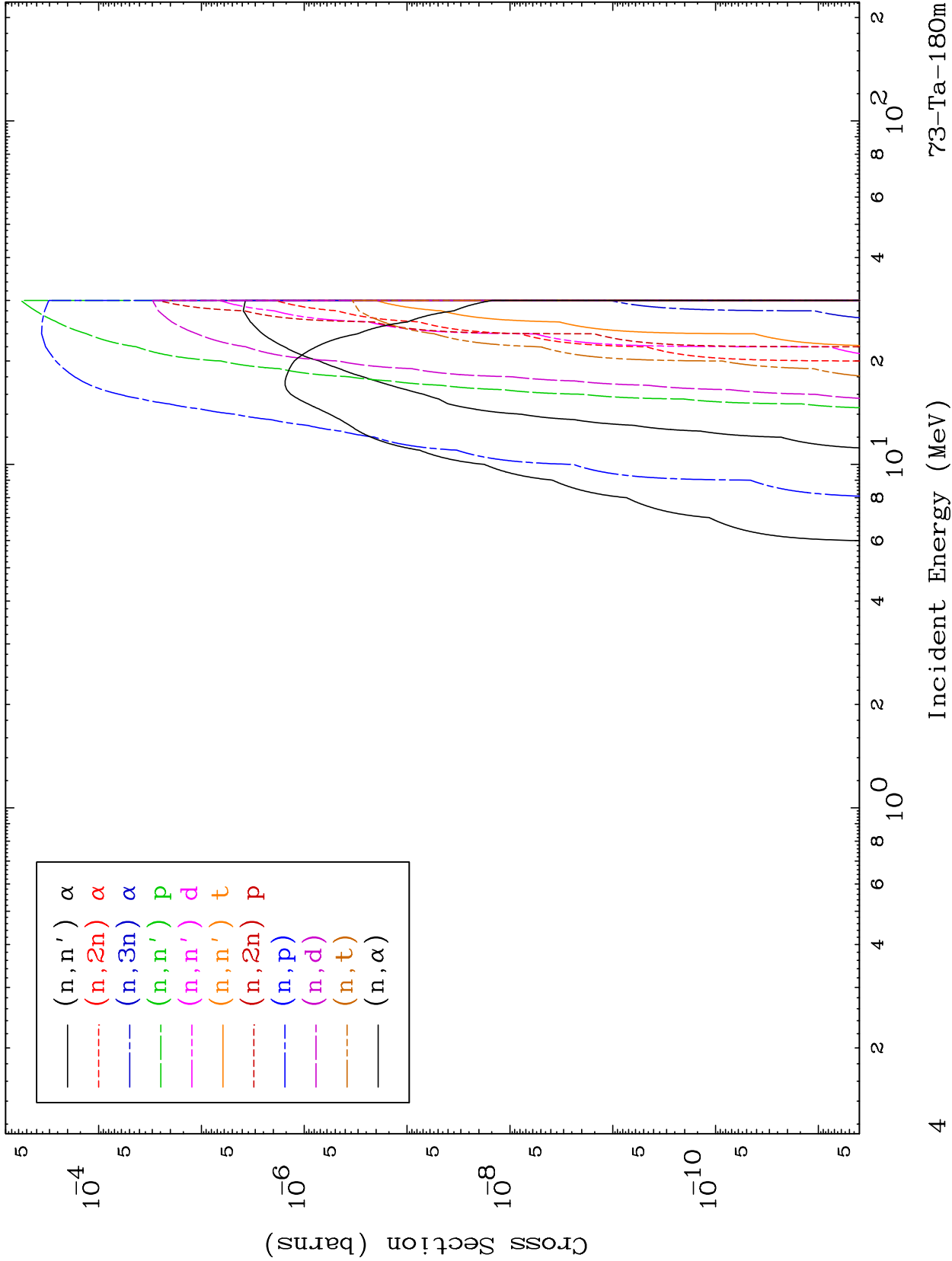




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Photon Charged Particle
0 Kelvin Cross Sections

⁷³Ta-180m

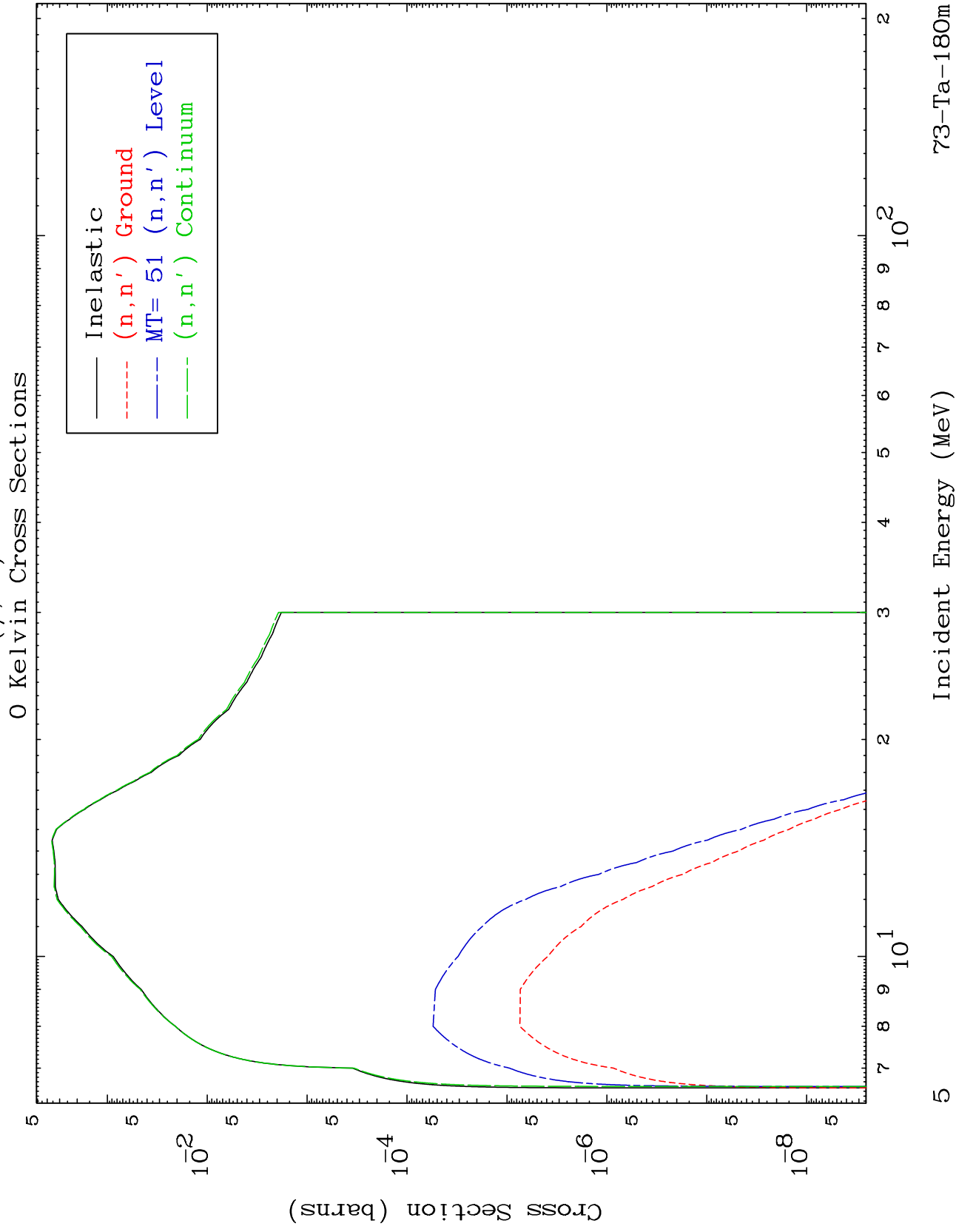


⁷³Ta-180m

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(γ, n') Levels

^{73}Ta -180m

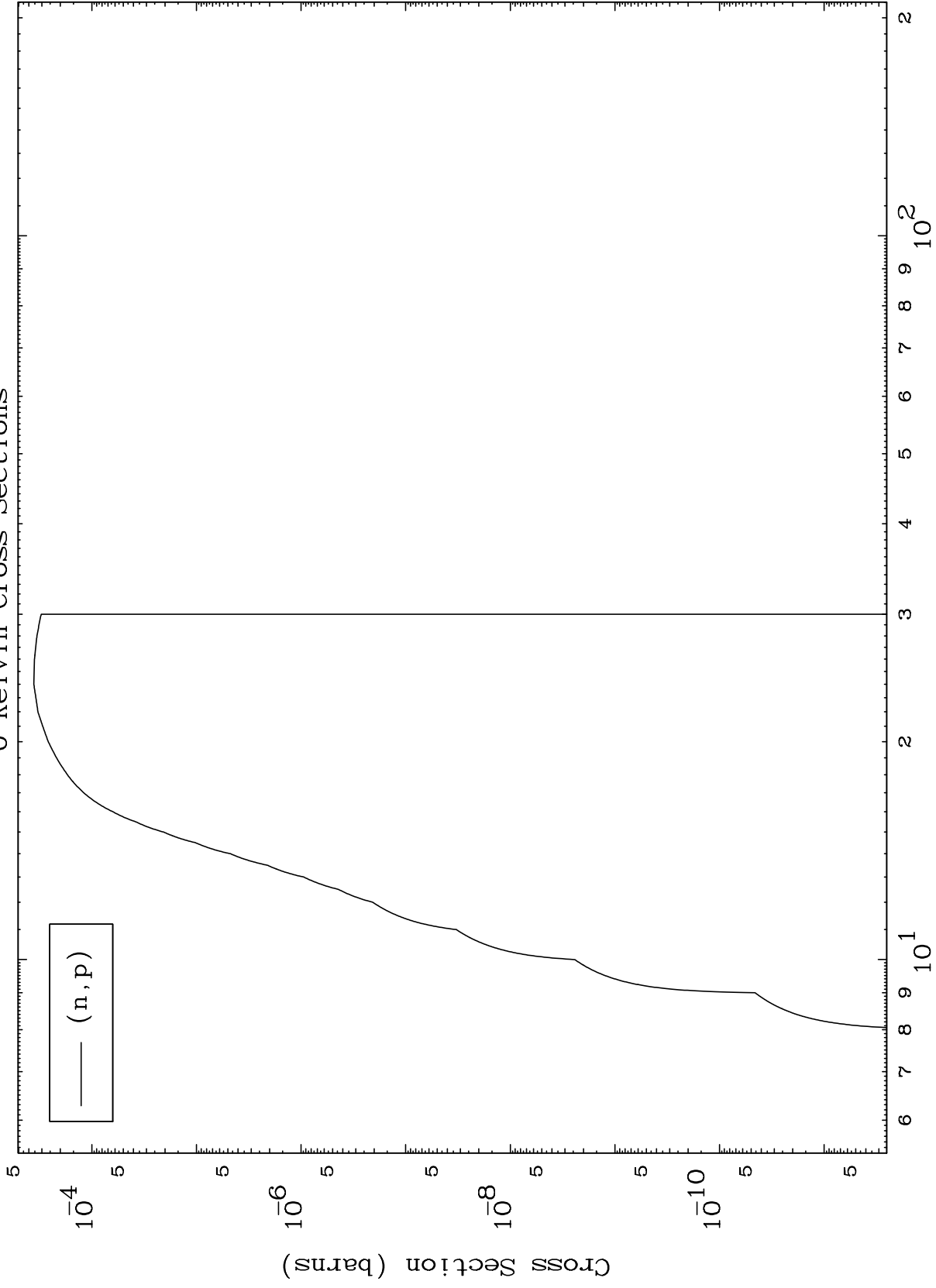


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(γ, p) Levels
0 Kelvin Cross Sections

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



6

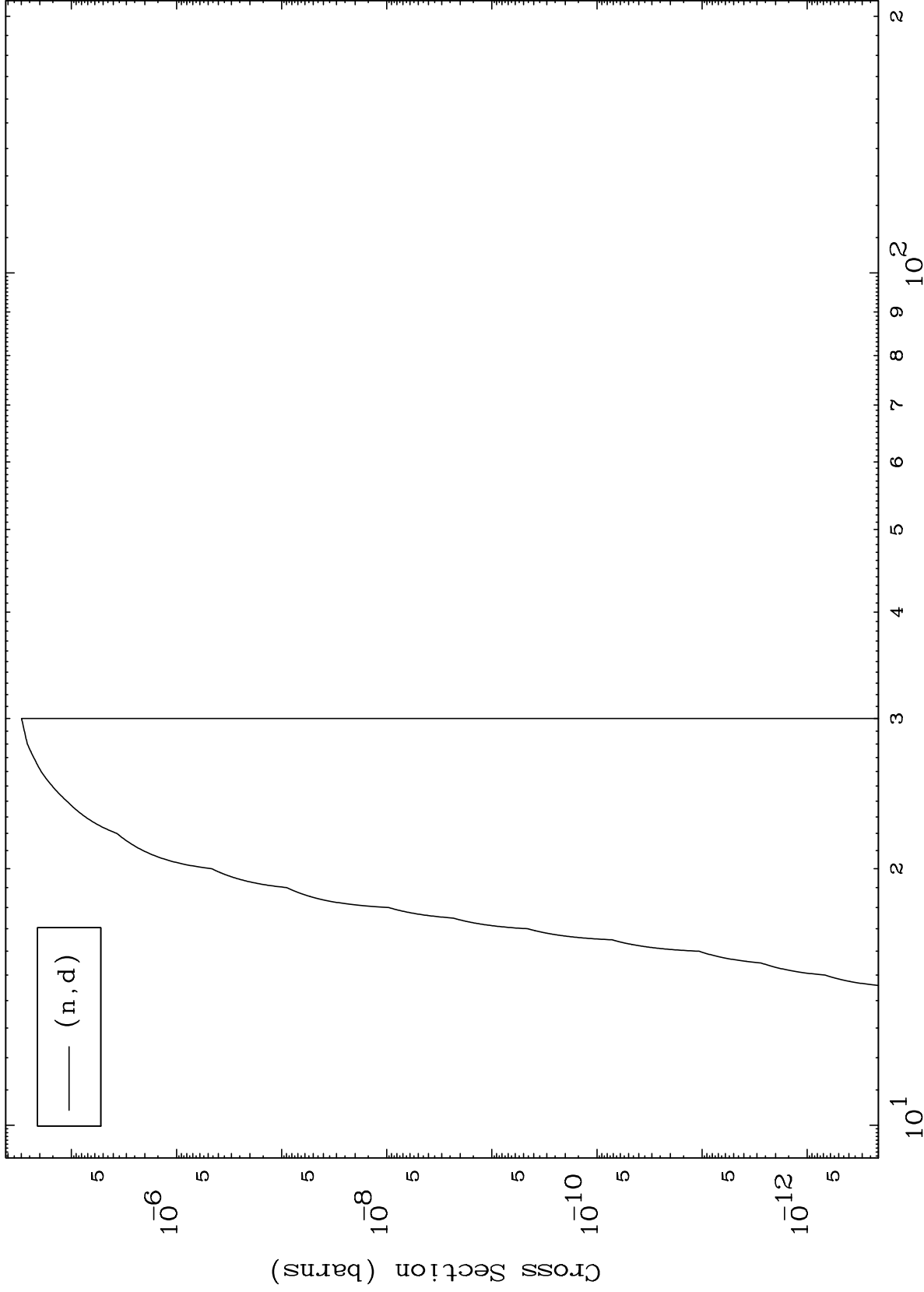
Incident Energy (MeV)

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

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(γ, d) Levels
0 Kelvin Cross Sections

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



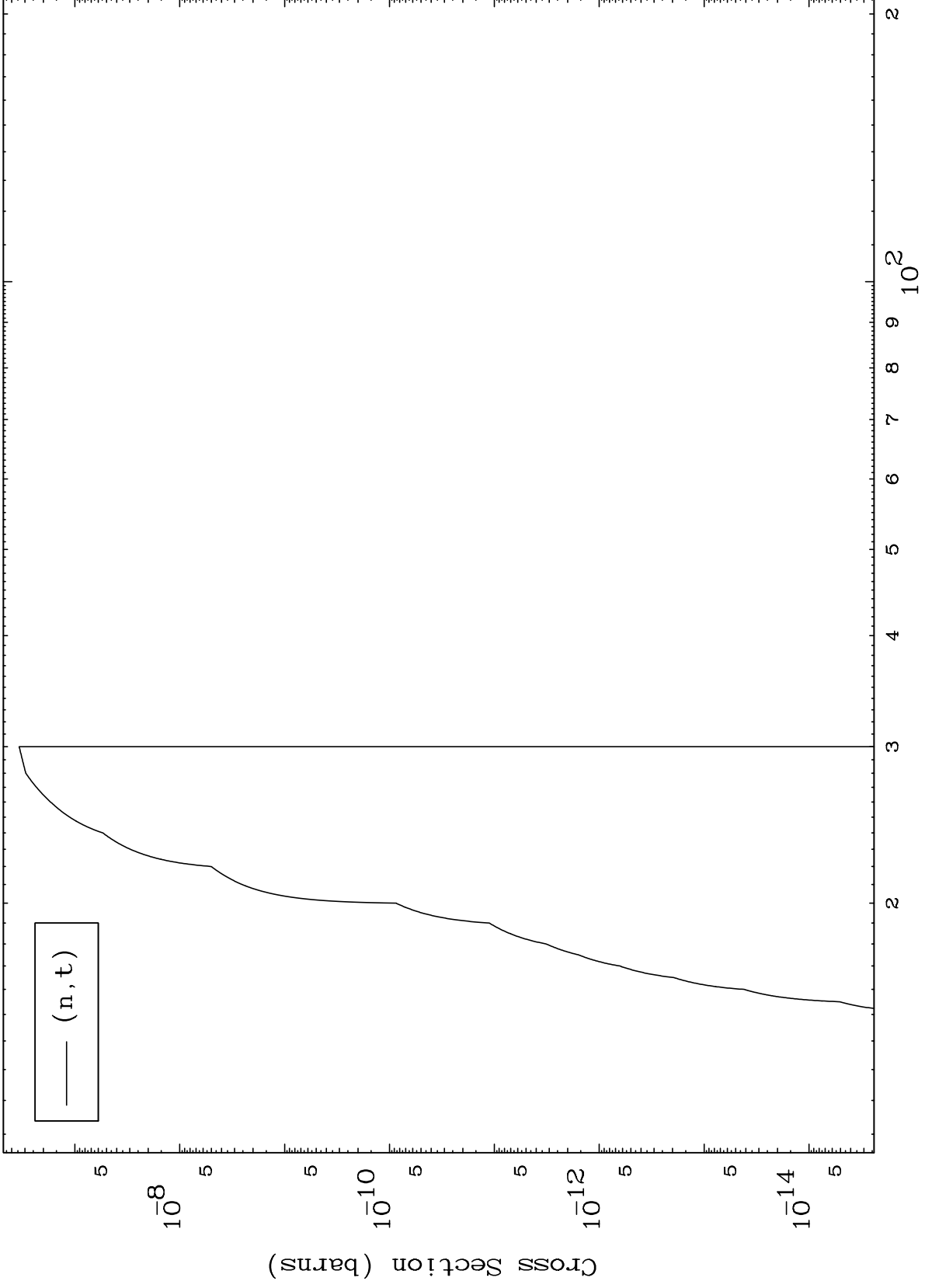
Incident Energy (MeV)

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

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(γ, t) Levels
0 Kelvin Cross Sections

^{73}Ta -180m

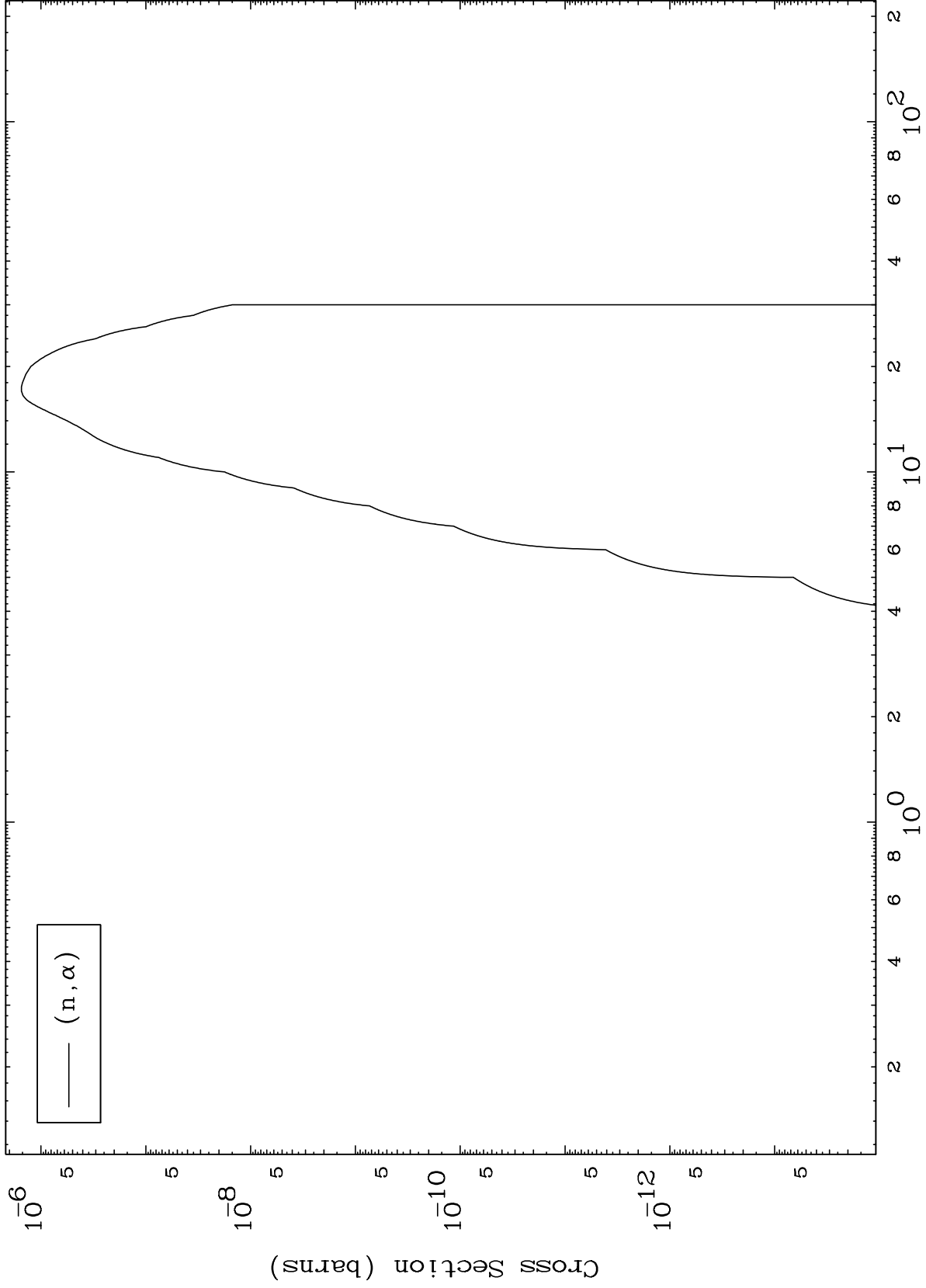


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(γ, α) Levels

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

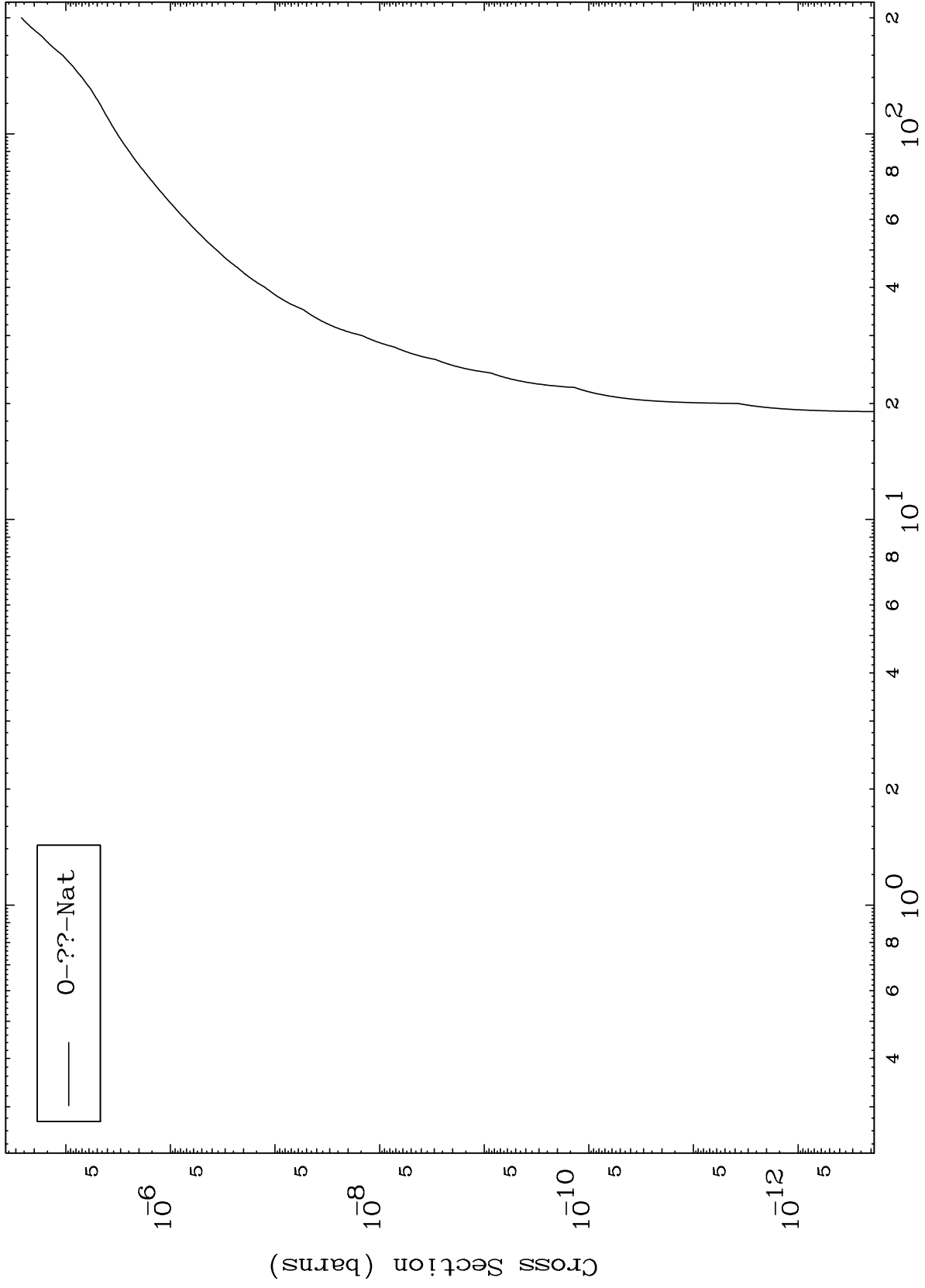
0 Kelvin Cross Sections



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Fission
Radionuclide Production Cross Section

⁷³Ta-180m



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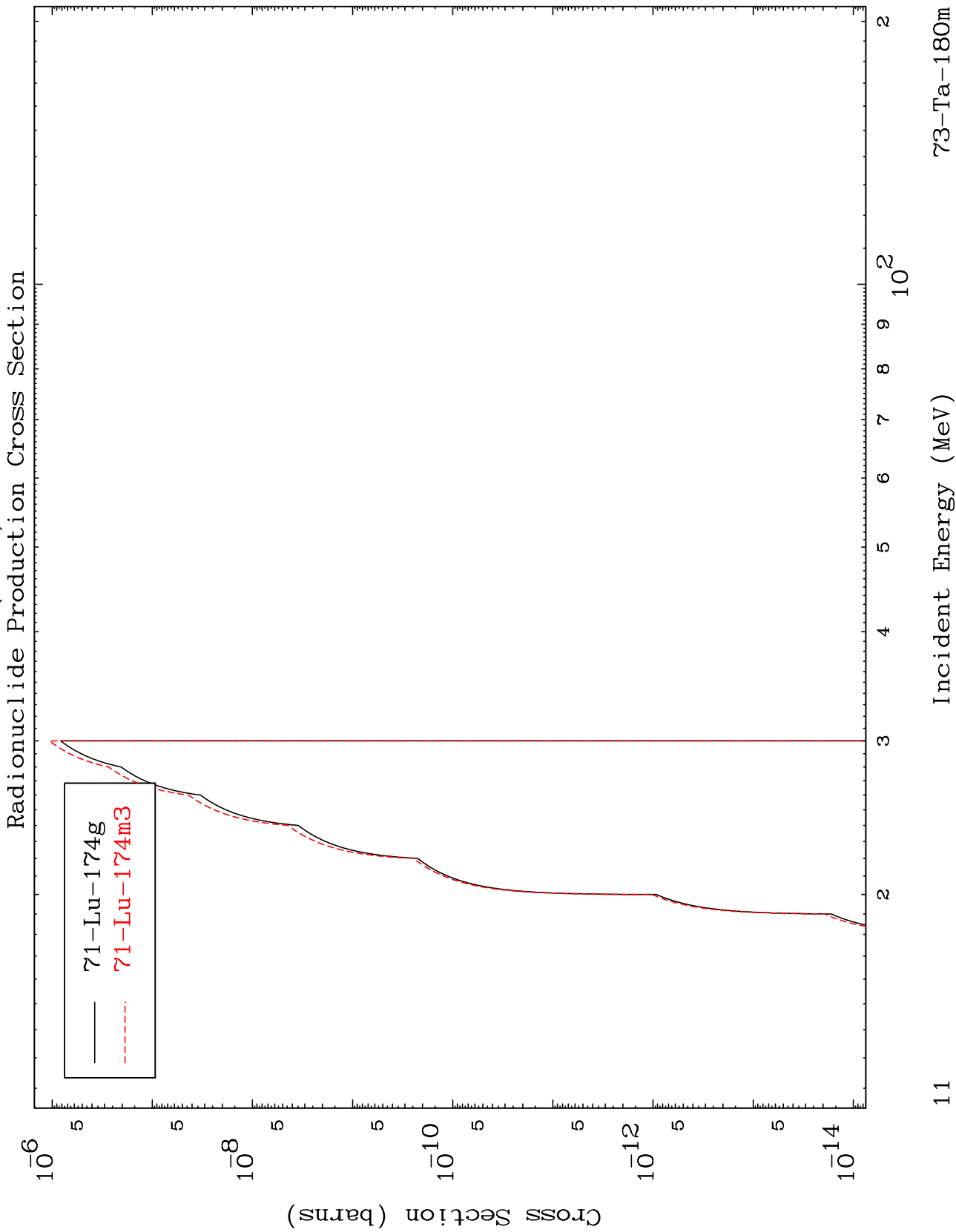
Incident Energy (MeV)

⁷³Ta-180m

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(n,2n) α

^{73}Ta -180m

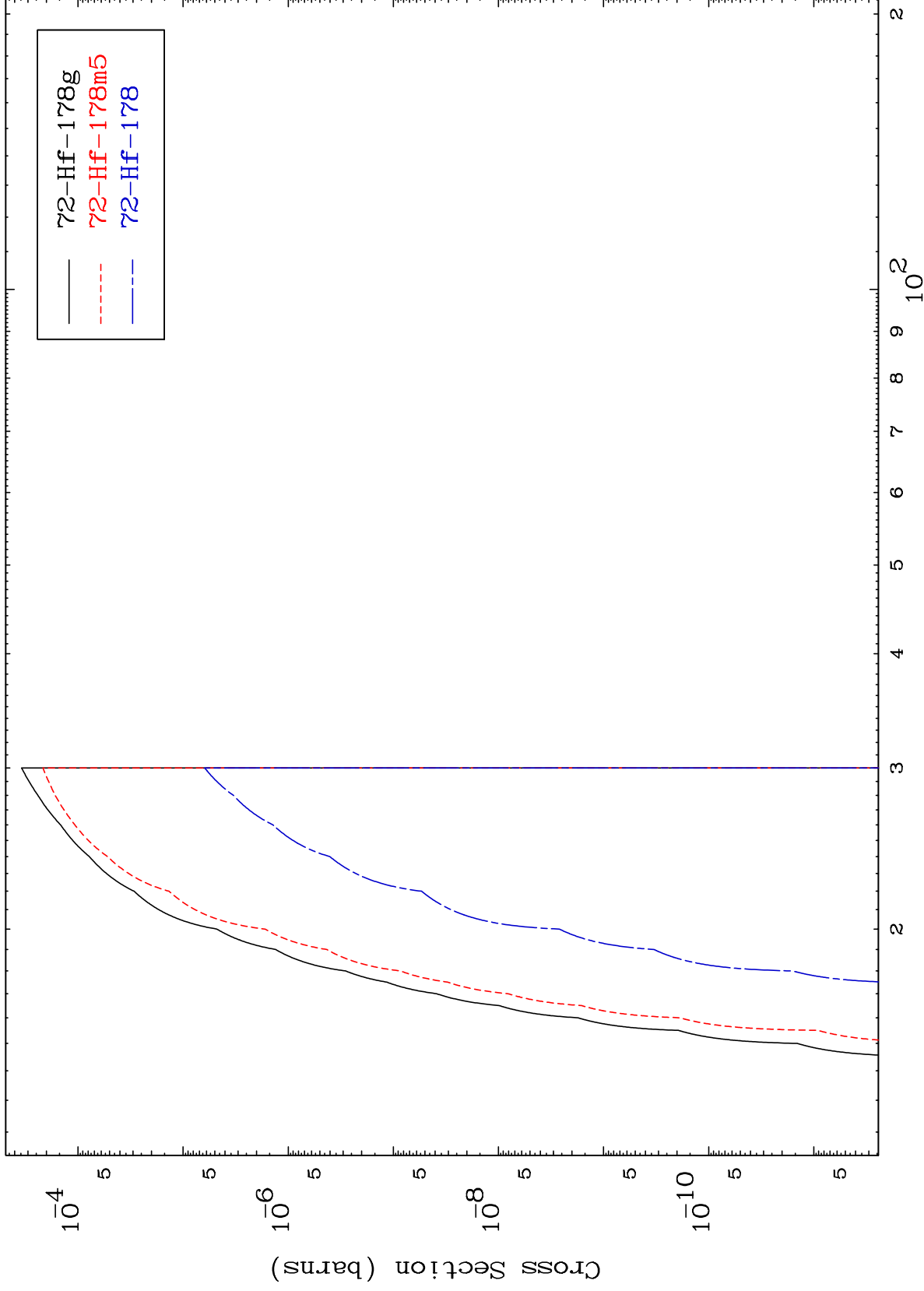


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(n,n') p

⁷³Ta-180m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

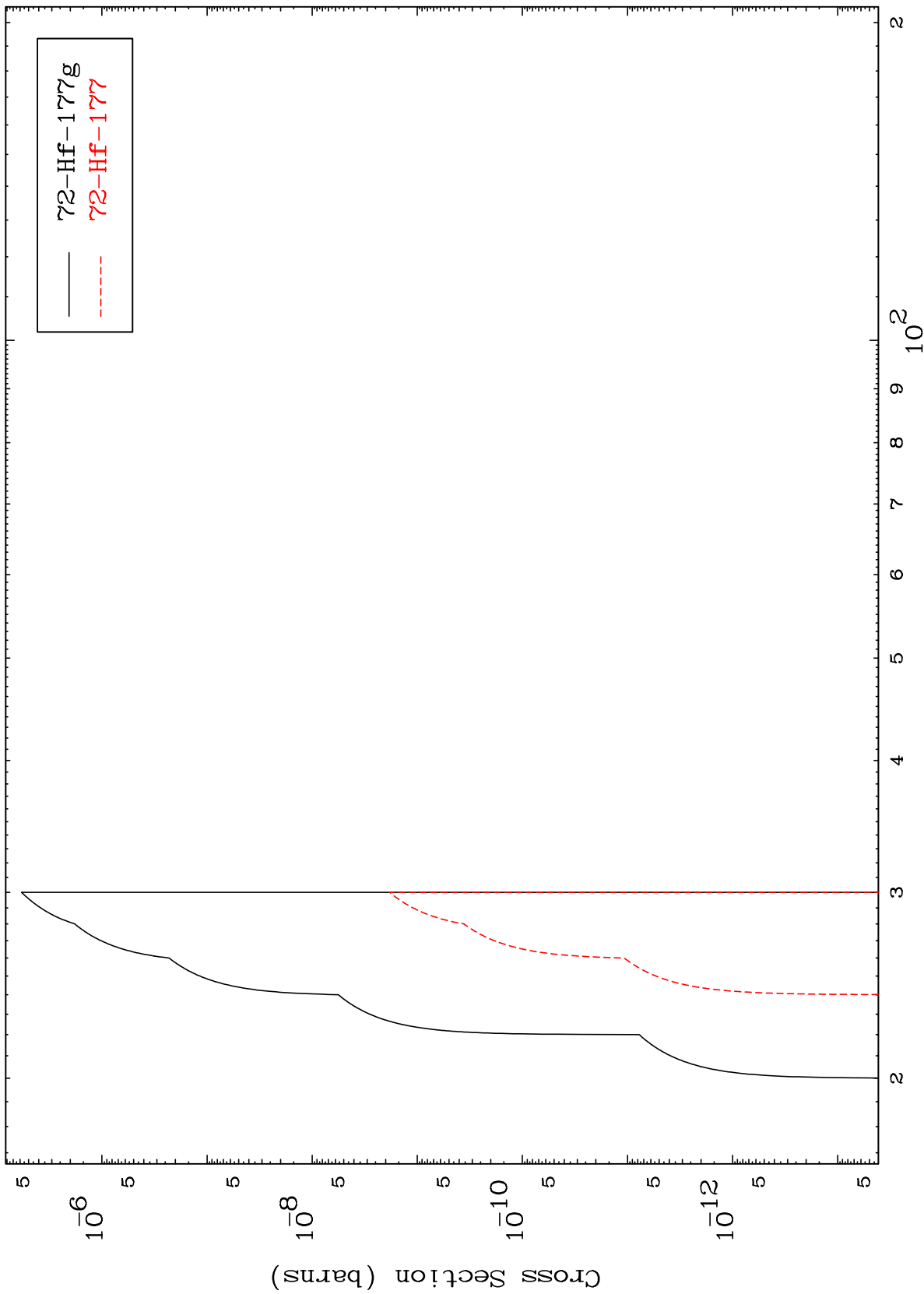
⁷³Ta-180m

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(n,n') d

⁷³Ta-180m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

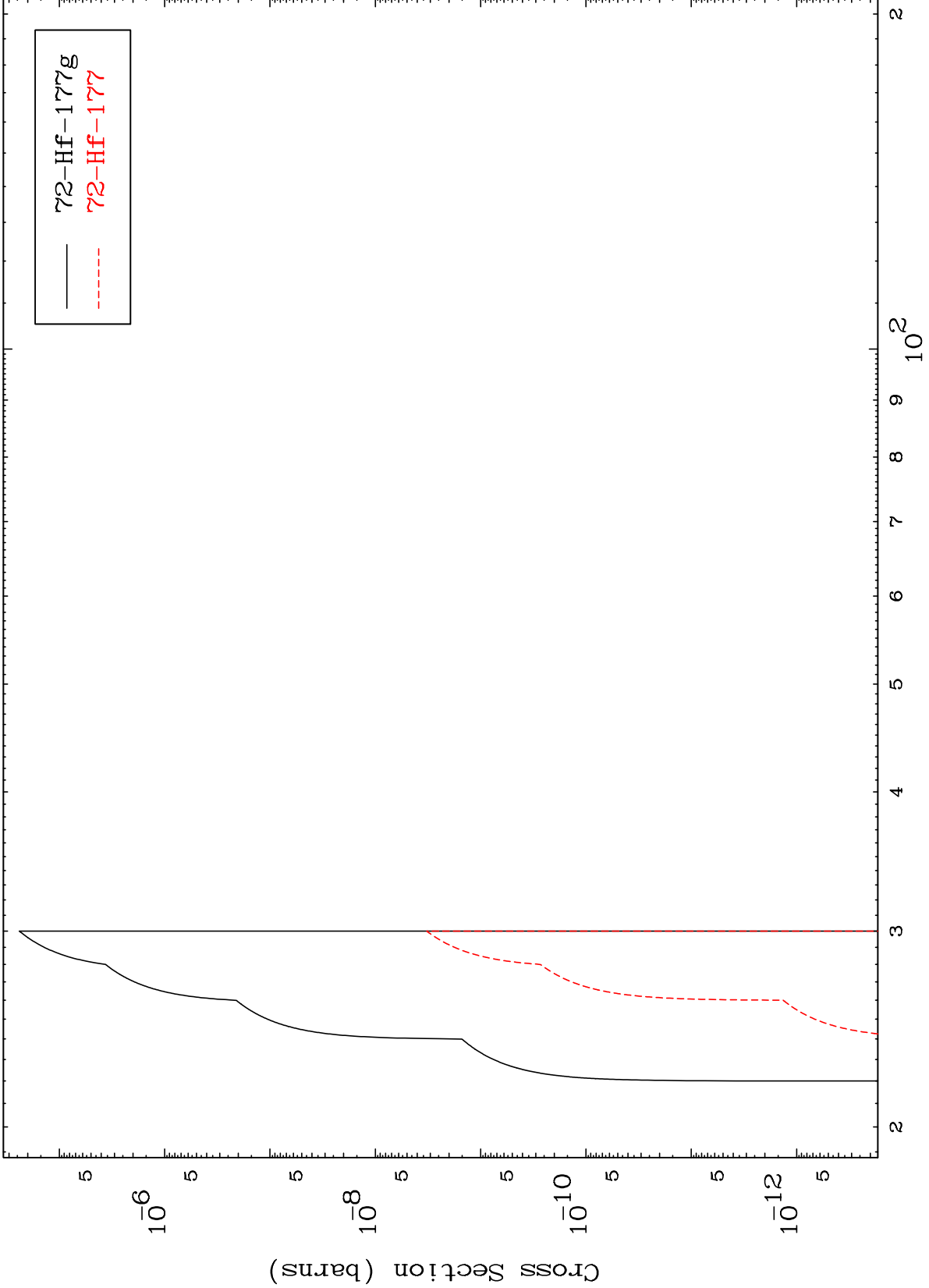
⁷³Ta-180m

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(n,2n) p

⁷³Ta-180m

Radionuclide Production Cross Section



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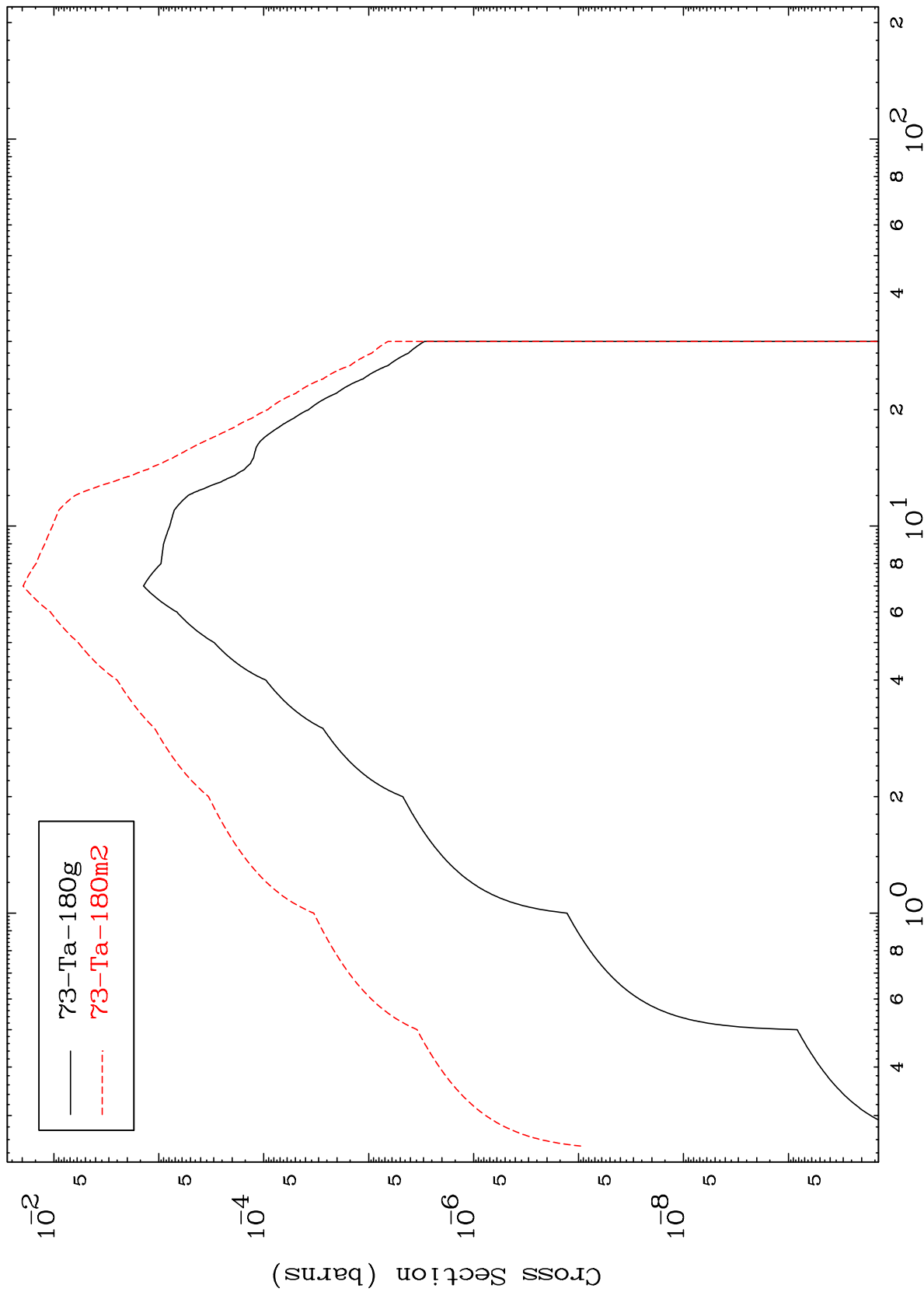
Incident Energy (MeV)

⁷³Ta-180m

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

Radionuclide Production Cross Section



Incident Energy (MeV)

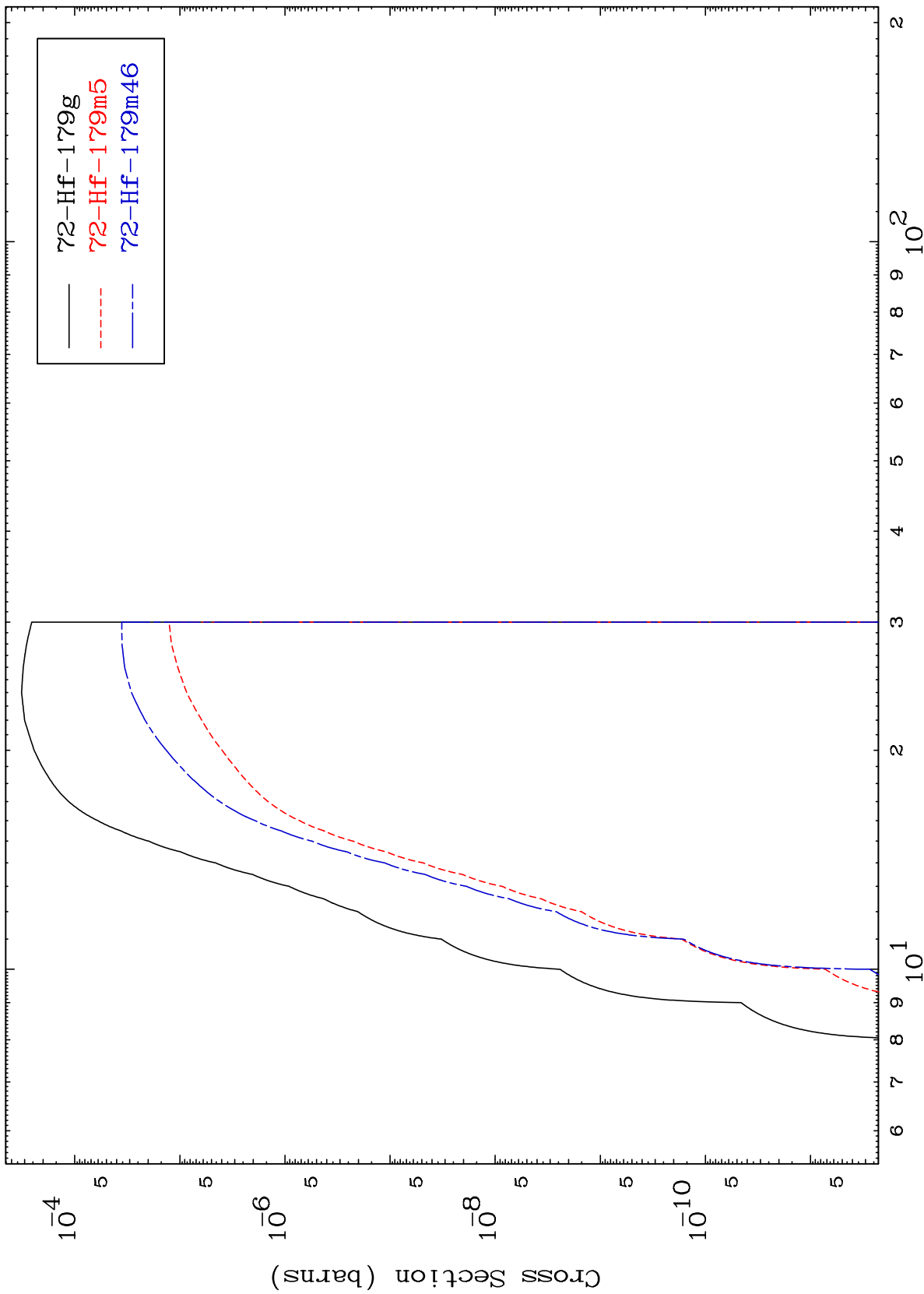
$^{73}\text{Ta-180m}$

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⁷³Ta-180m

(n,p)
Radionuclide Production Cross Section



⁷³Ta-180m

Incident Energy (MeV)

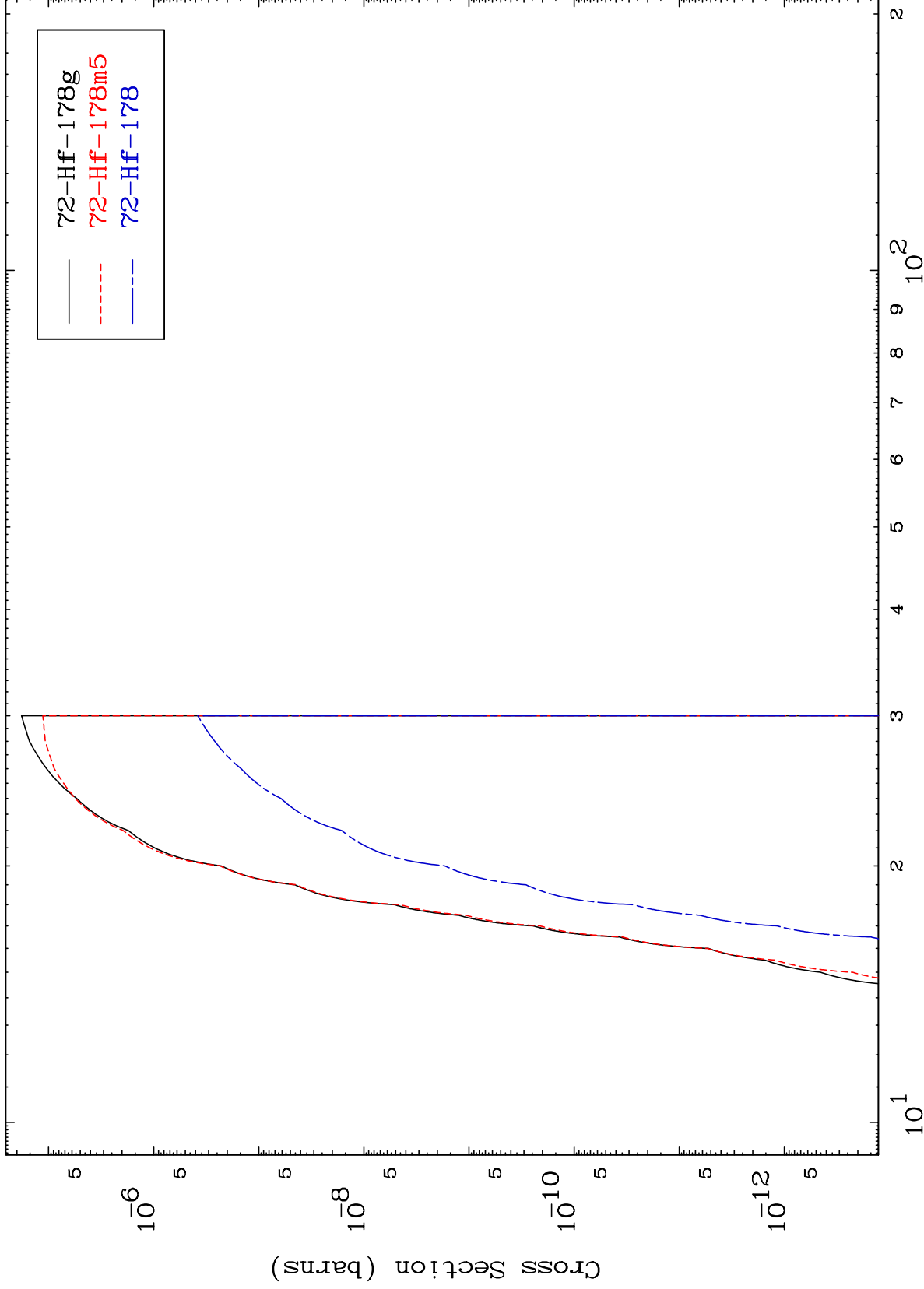
16

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(n,d)

⁷³Ta-180m

Radionuclide Production Cross Section



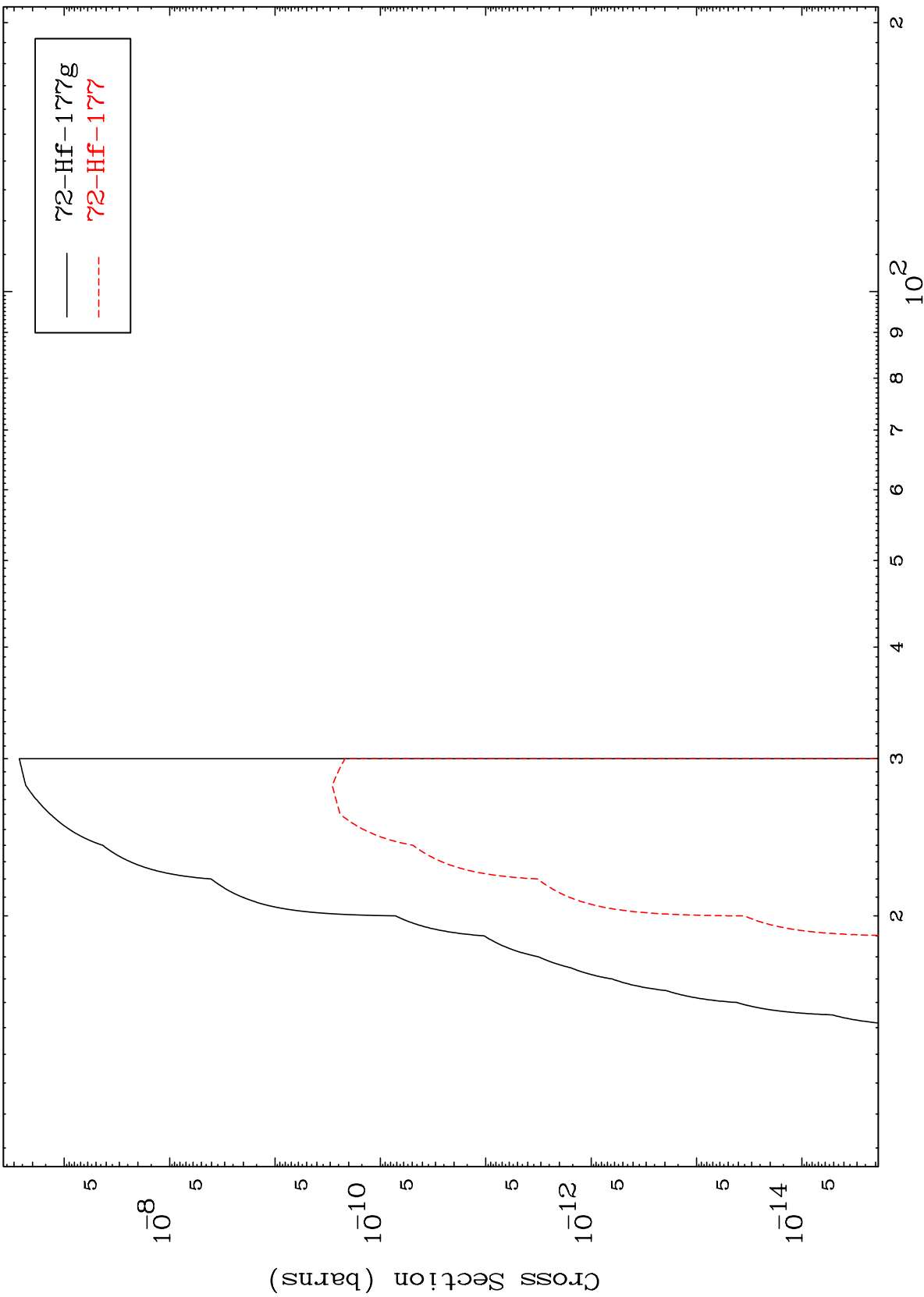
Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m

(n, t)
Radionuclide Production Cross Section



72-Hf-177g
72-Hf-177

18

Incident Energy (MeV)

⁷³Ta-180m

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(n, α)

⁷³Ta-180m

Radionuclide Production Cross Section

