

Program EVALPLOT
(Version 2021-1)

by

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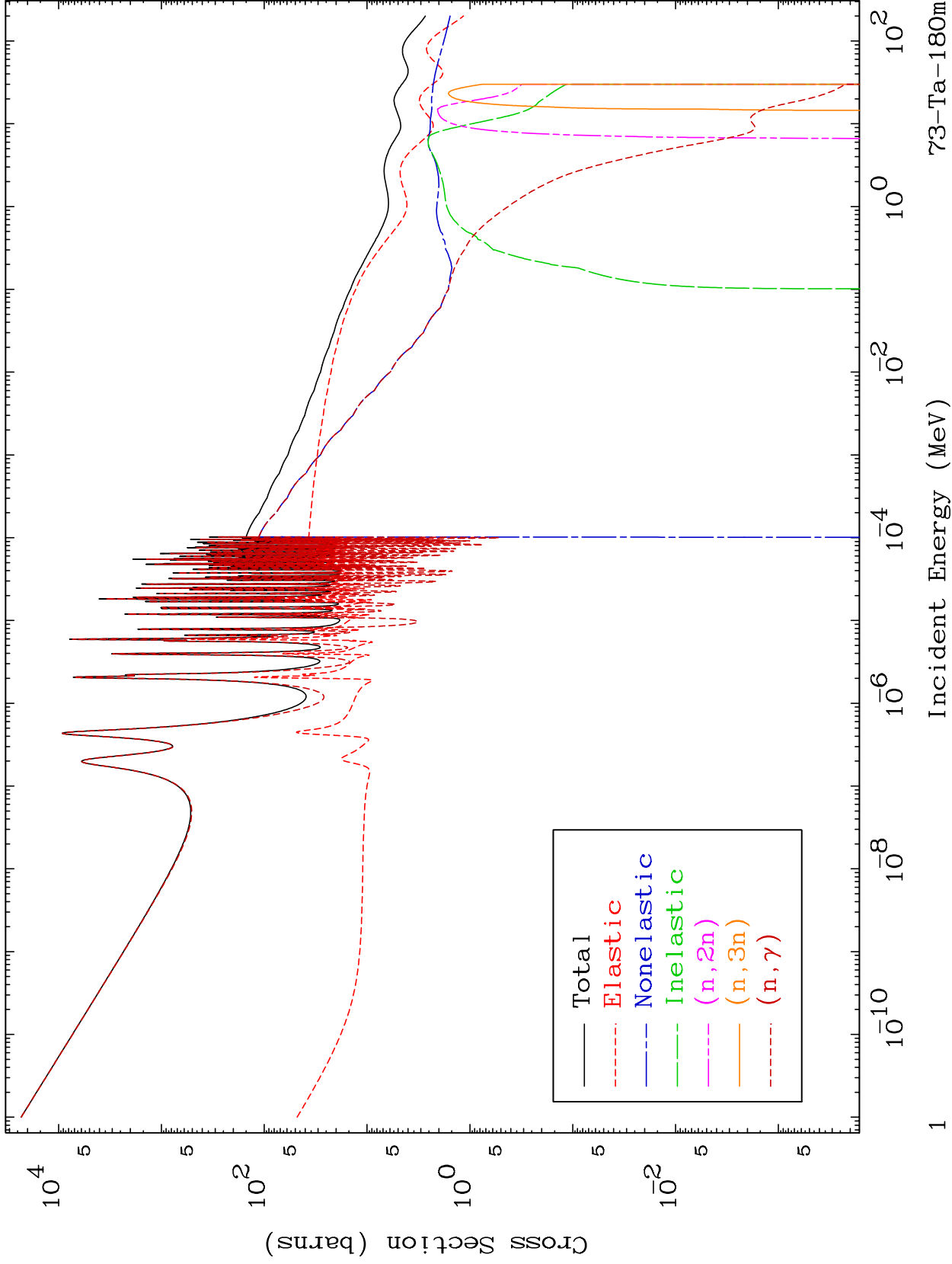
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7326

Neutron Major
293 Kelvin Cross Sections

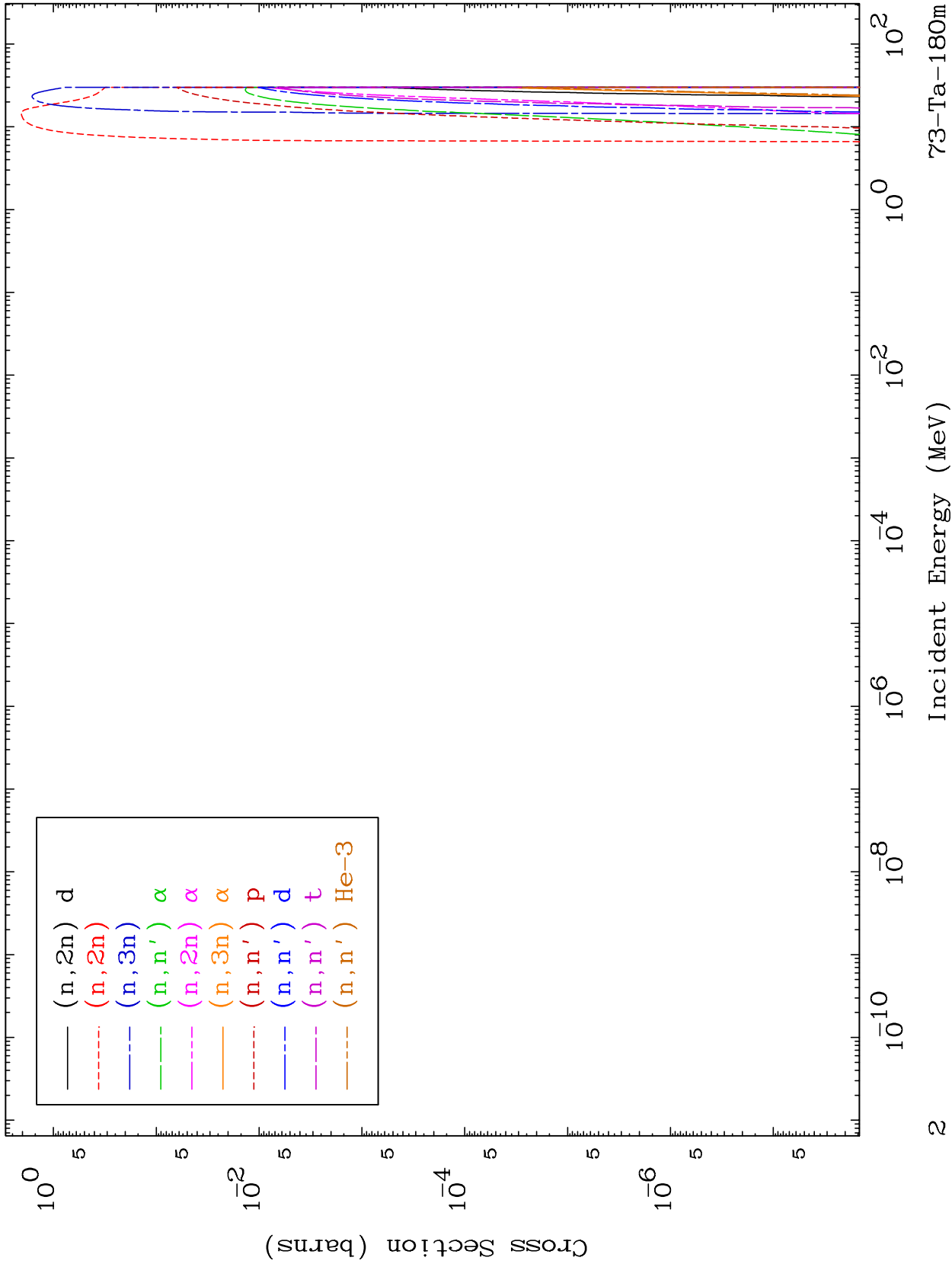
⁷³Ta-180m



MAT 7326

Neutron Absorption
293 Kelvin Cross Sections

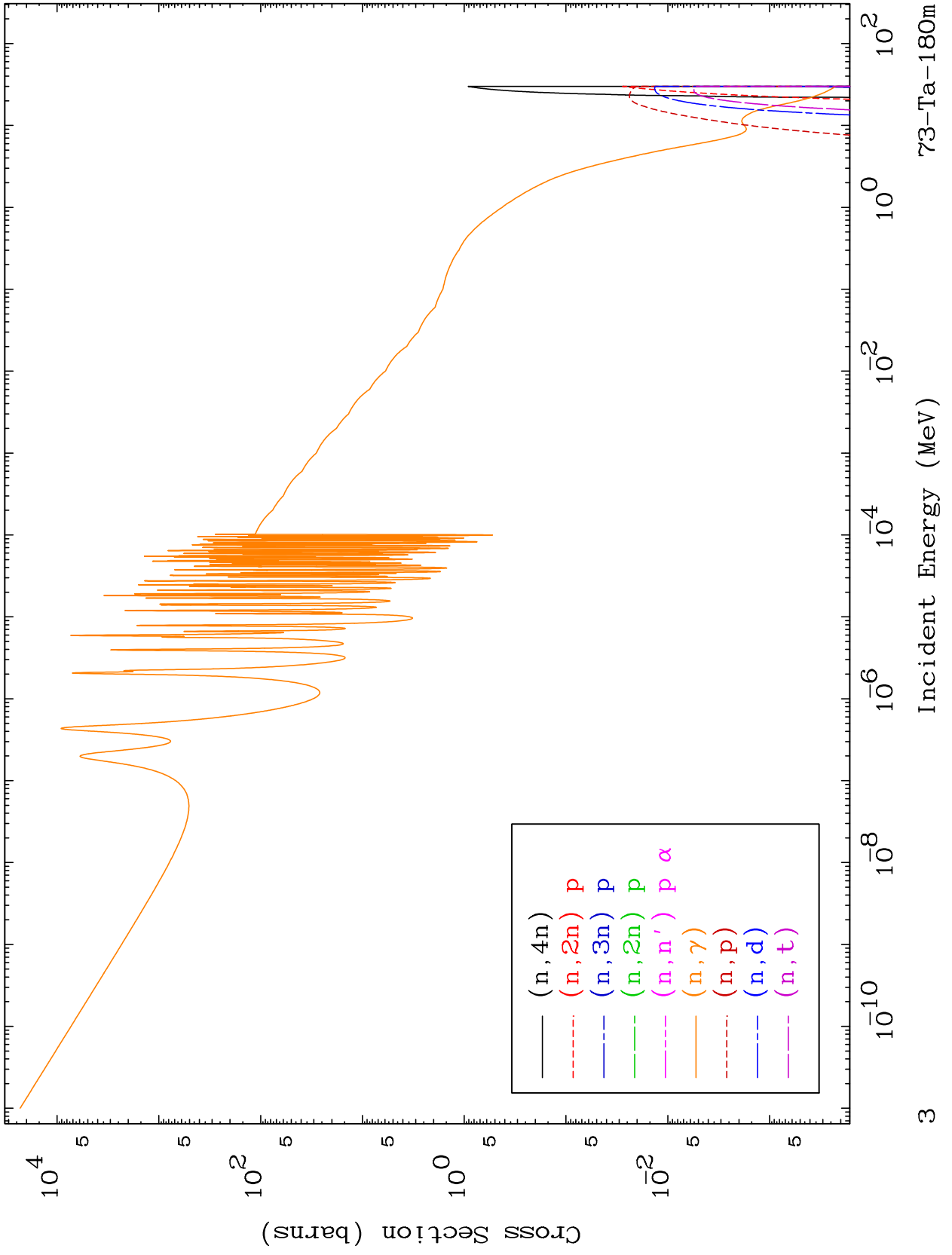
⁷³Ta-180m



MAT 7326

Neutron Absorption
293 Kelvin Cross Sections

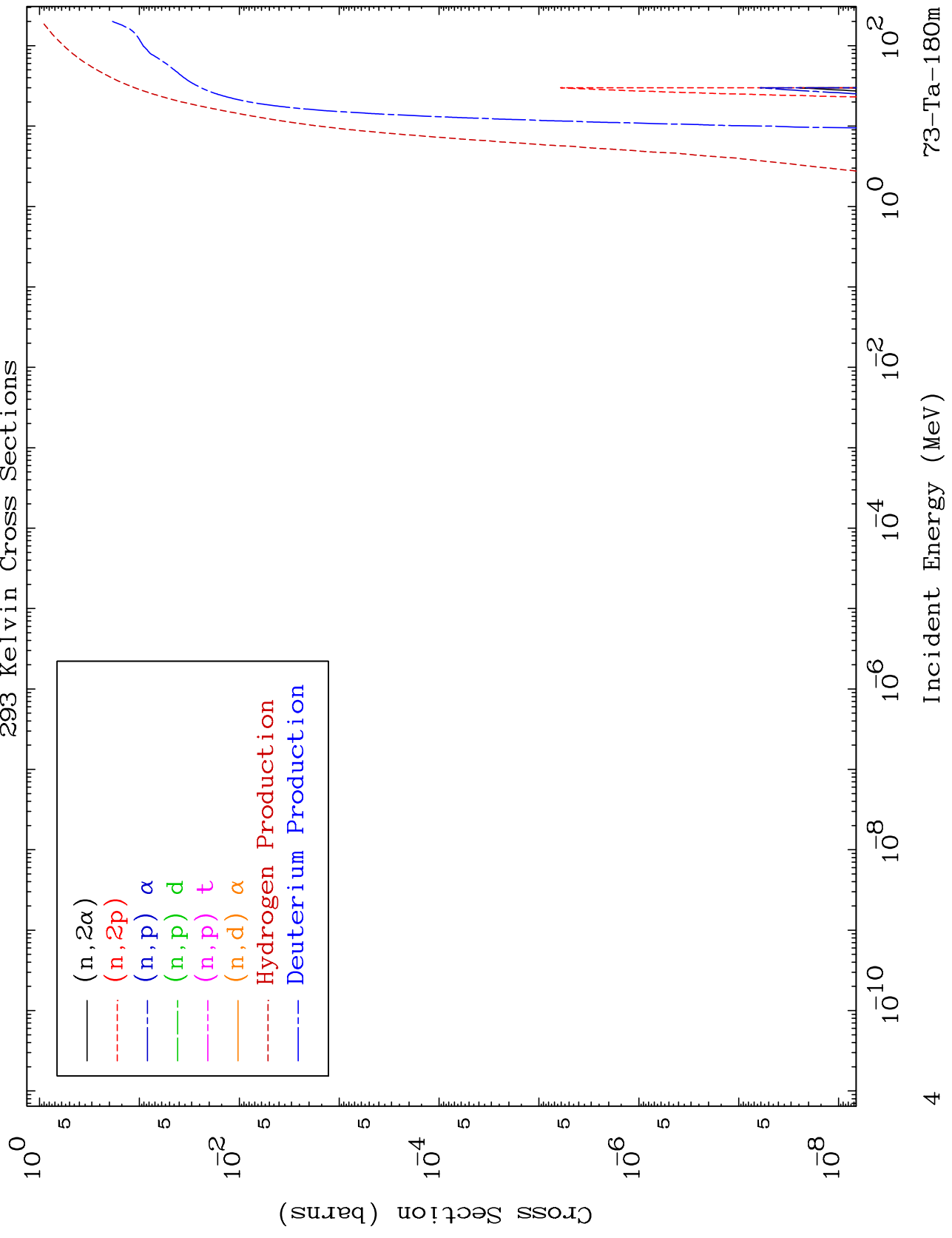
⁷³Ta-180m



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Neutron Absorption
293 Kelvin Cross Sections

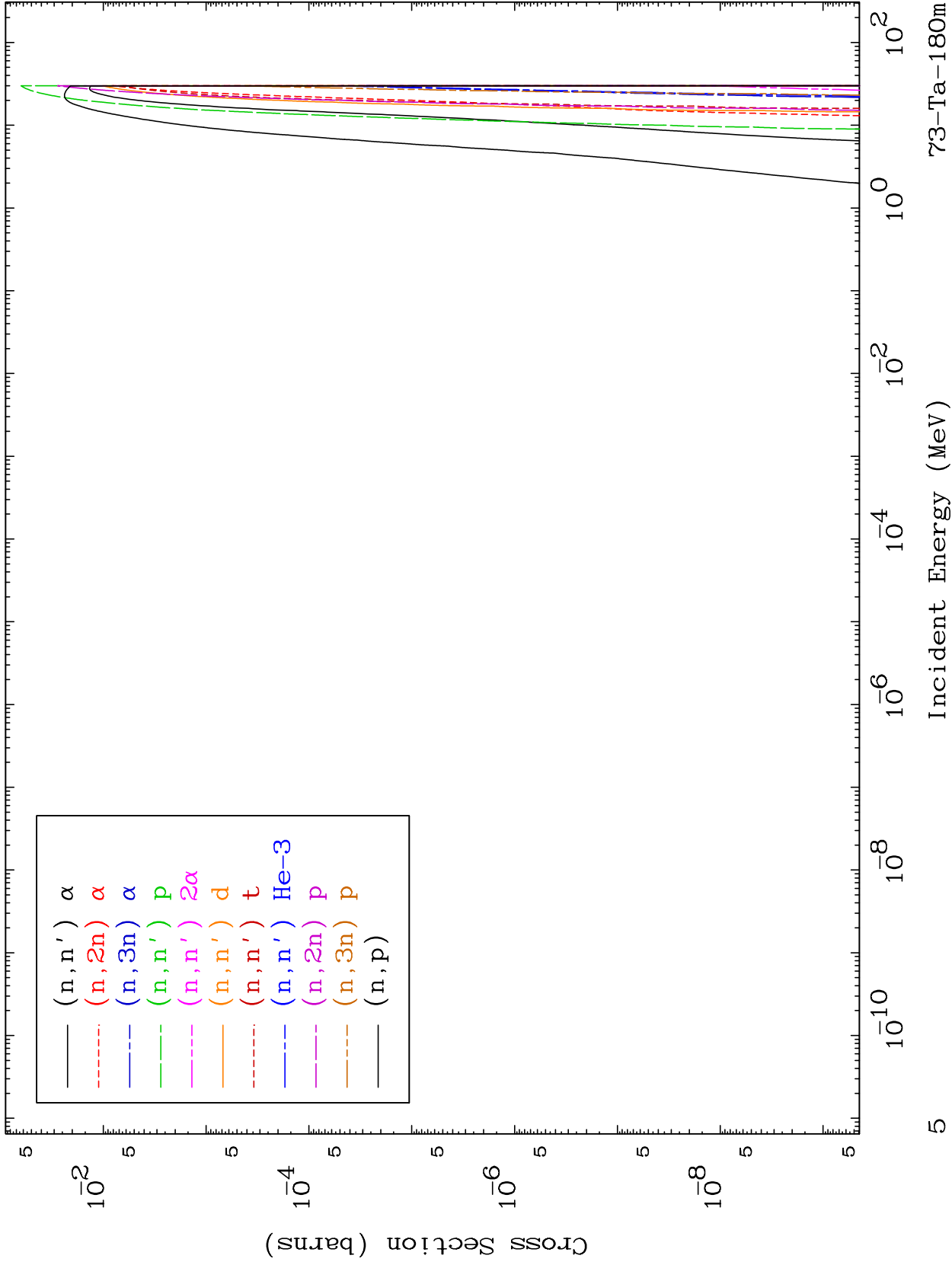
⁷³Ta-180m



MAT 7326

Charged Particle
293 Kelvin Cross Sections

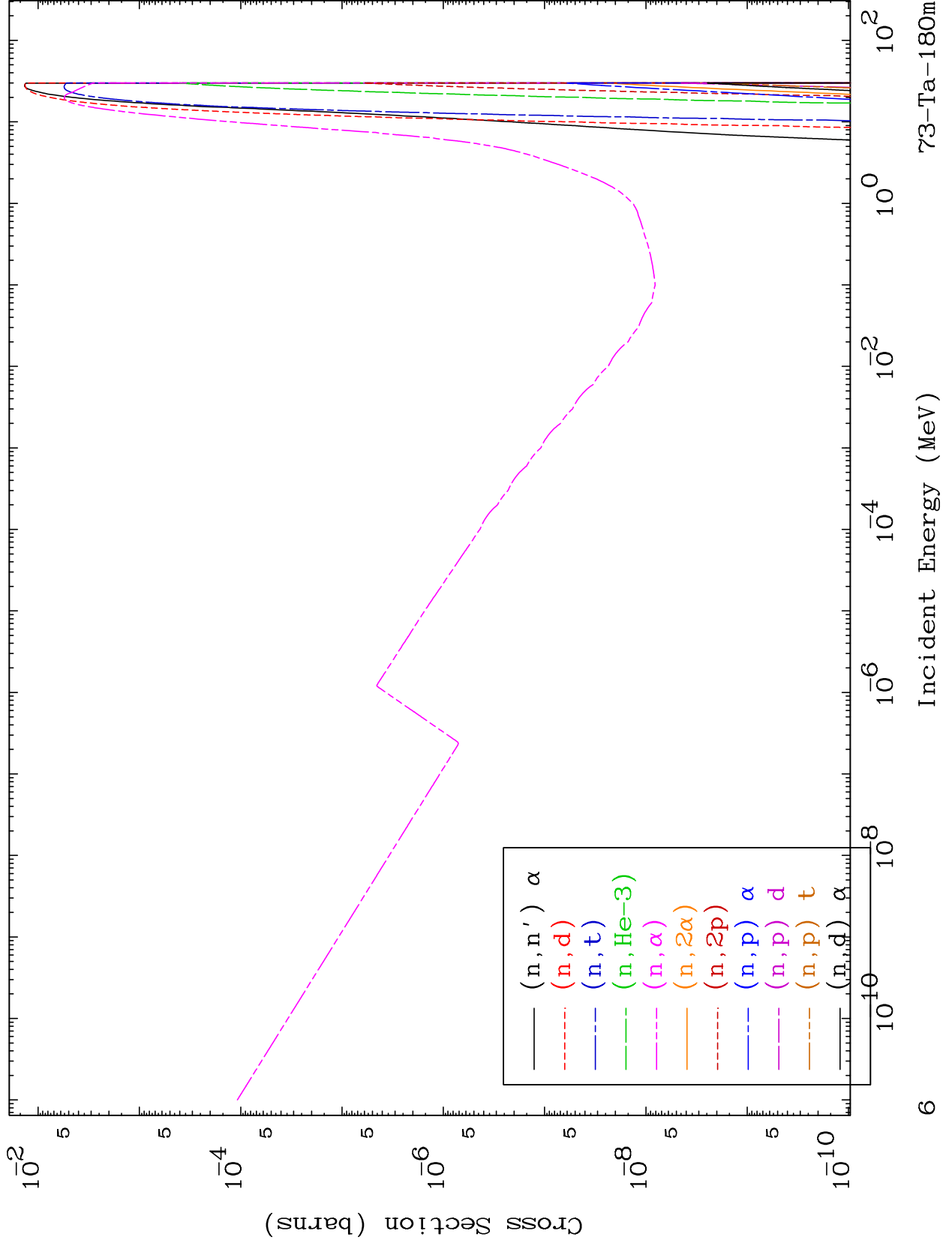
⁷³Ta-180m



MAT 7326

Charged Particle
293 Kelvin Cross Sections

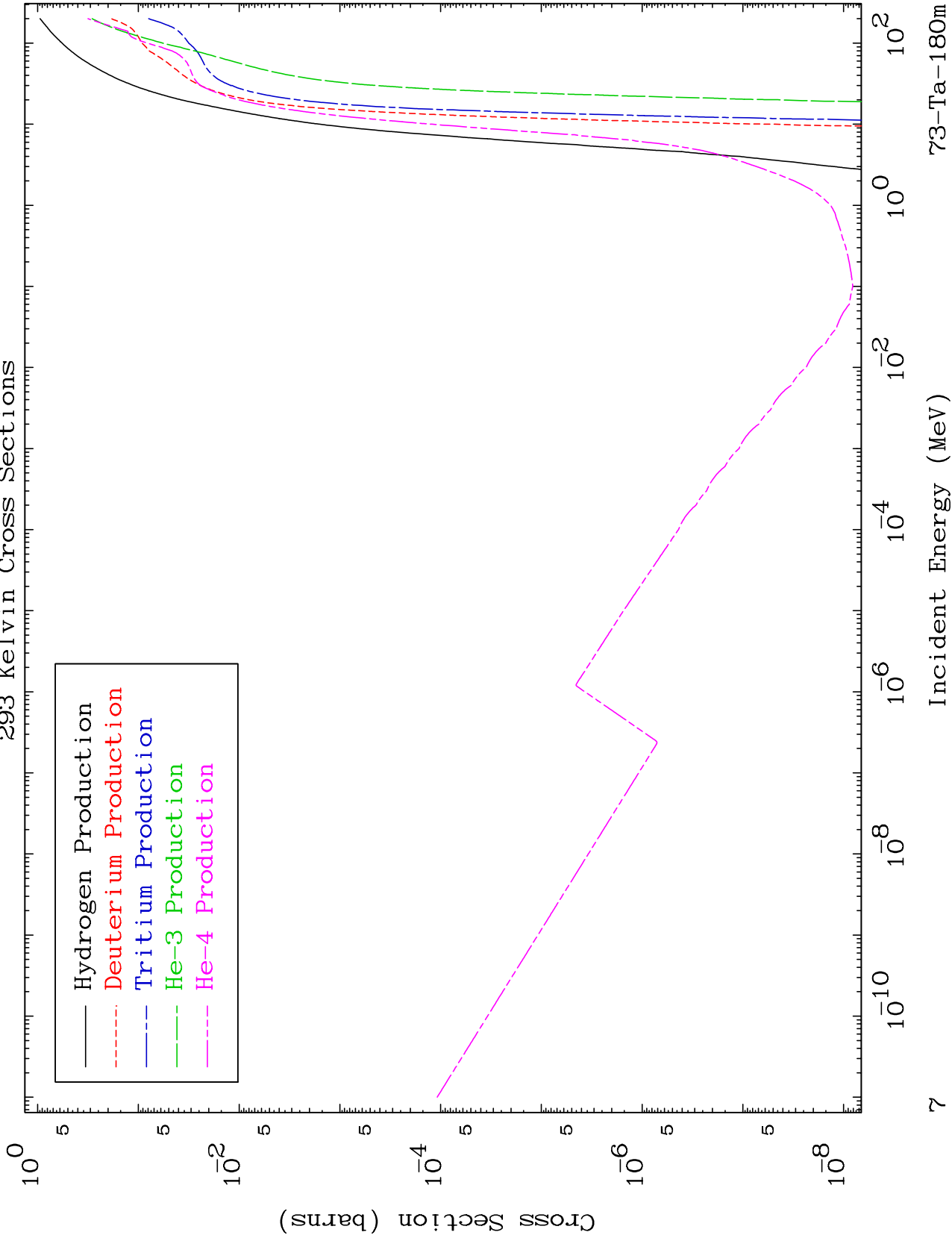
⁷³Ta-180m



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Particle Production
293 Kelvin Cross Sections

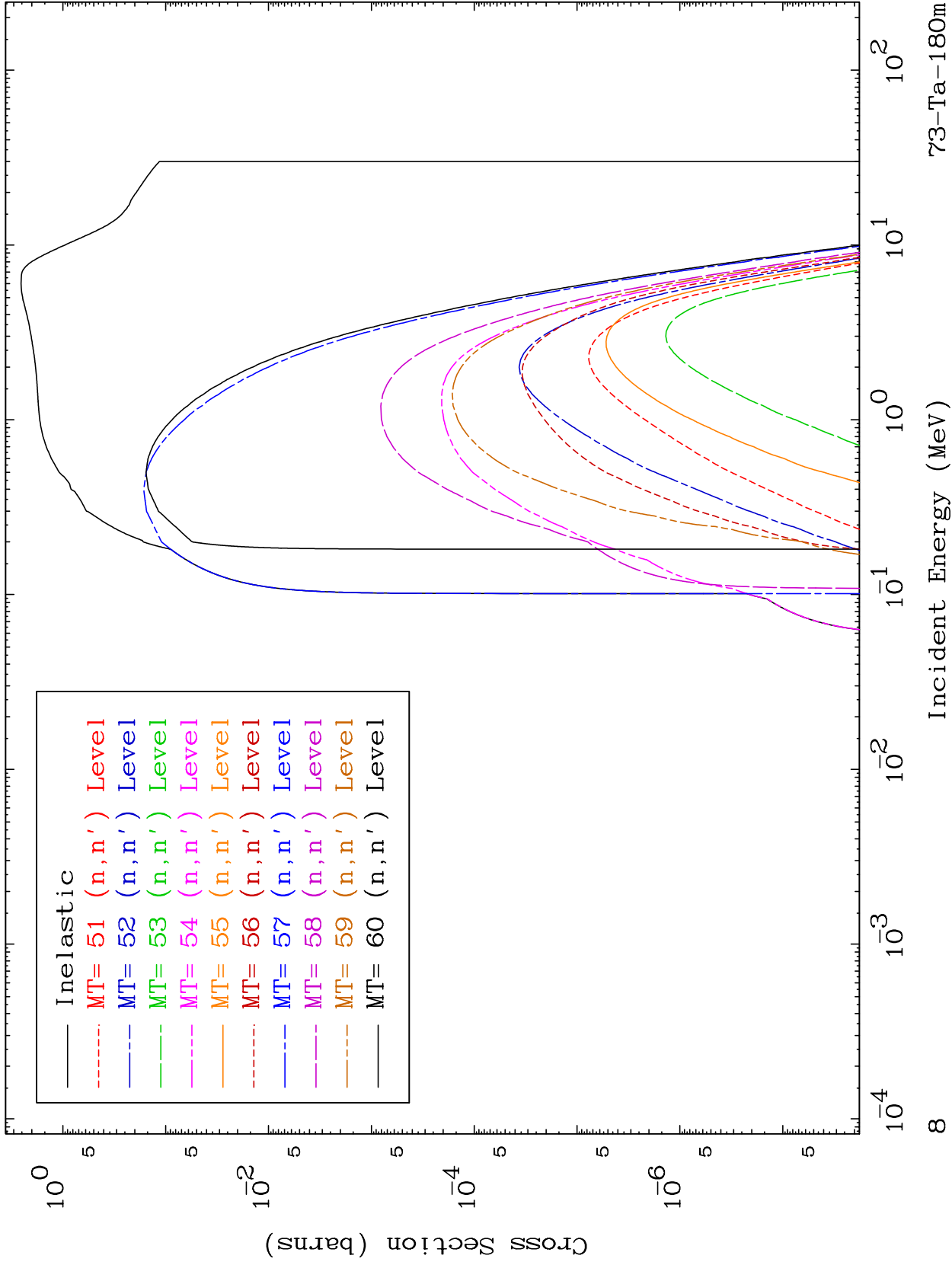
73-Ta-180m



MAT 7326

(n,n') Levels
293 Kelvin Cross Sections

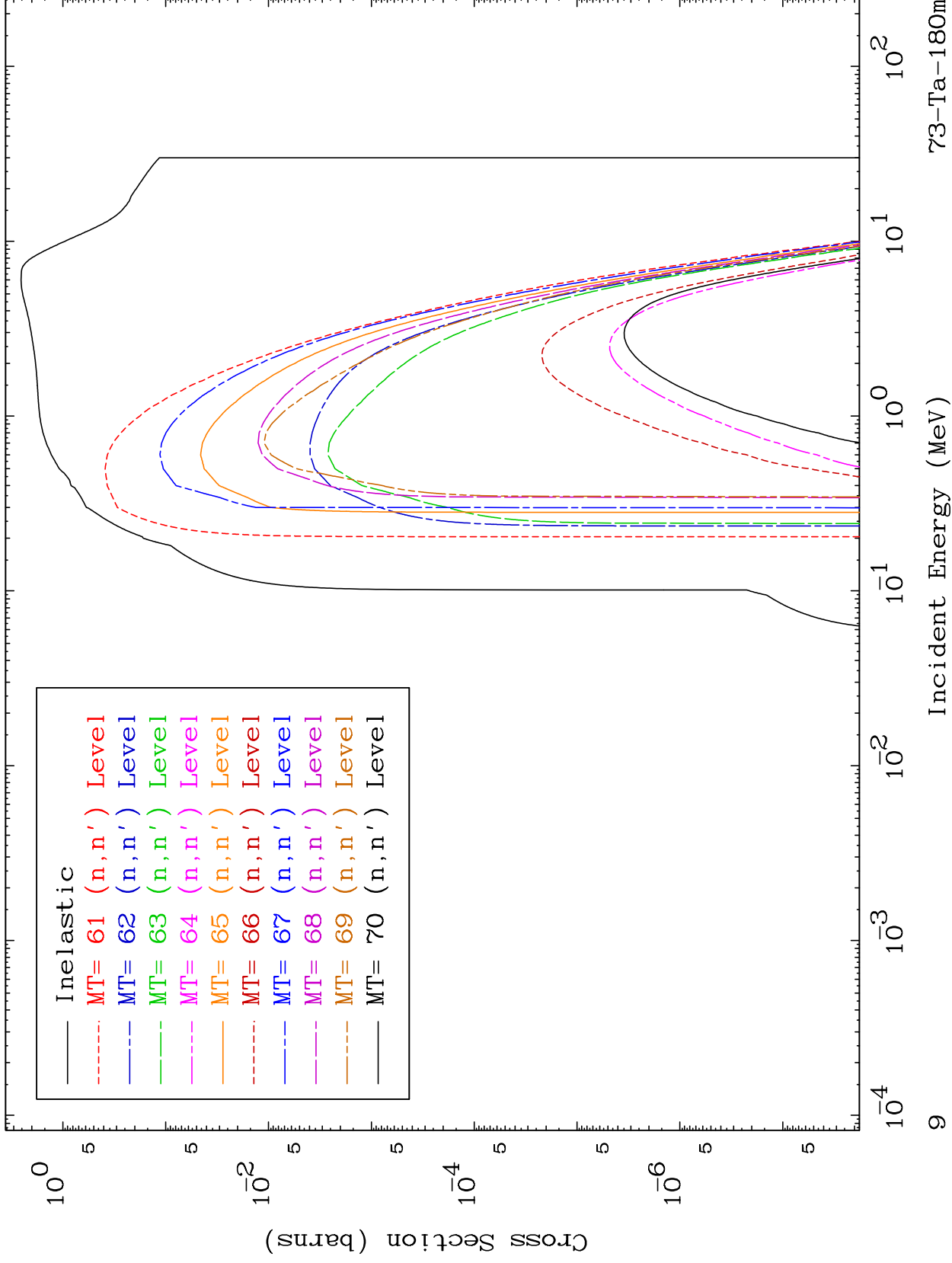
⁷³Ta-180m



MAT 7326

(n,n') Levels
293 Kelvin Cross Sections

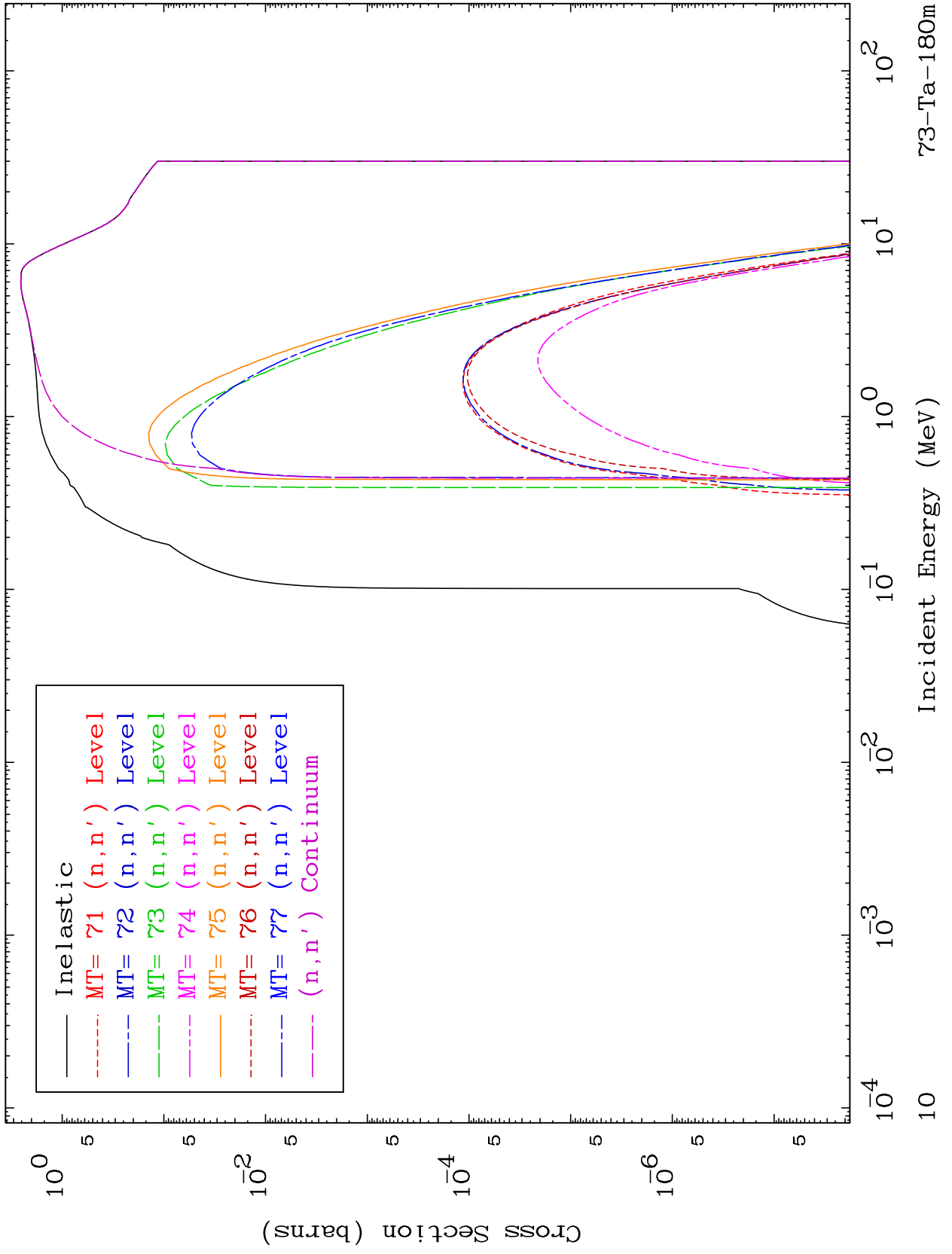
⁷³Ta-180m



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293 Kelvin Cross Sections
(n,n') Levels

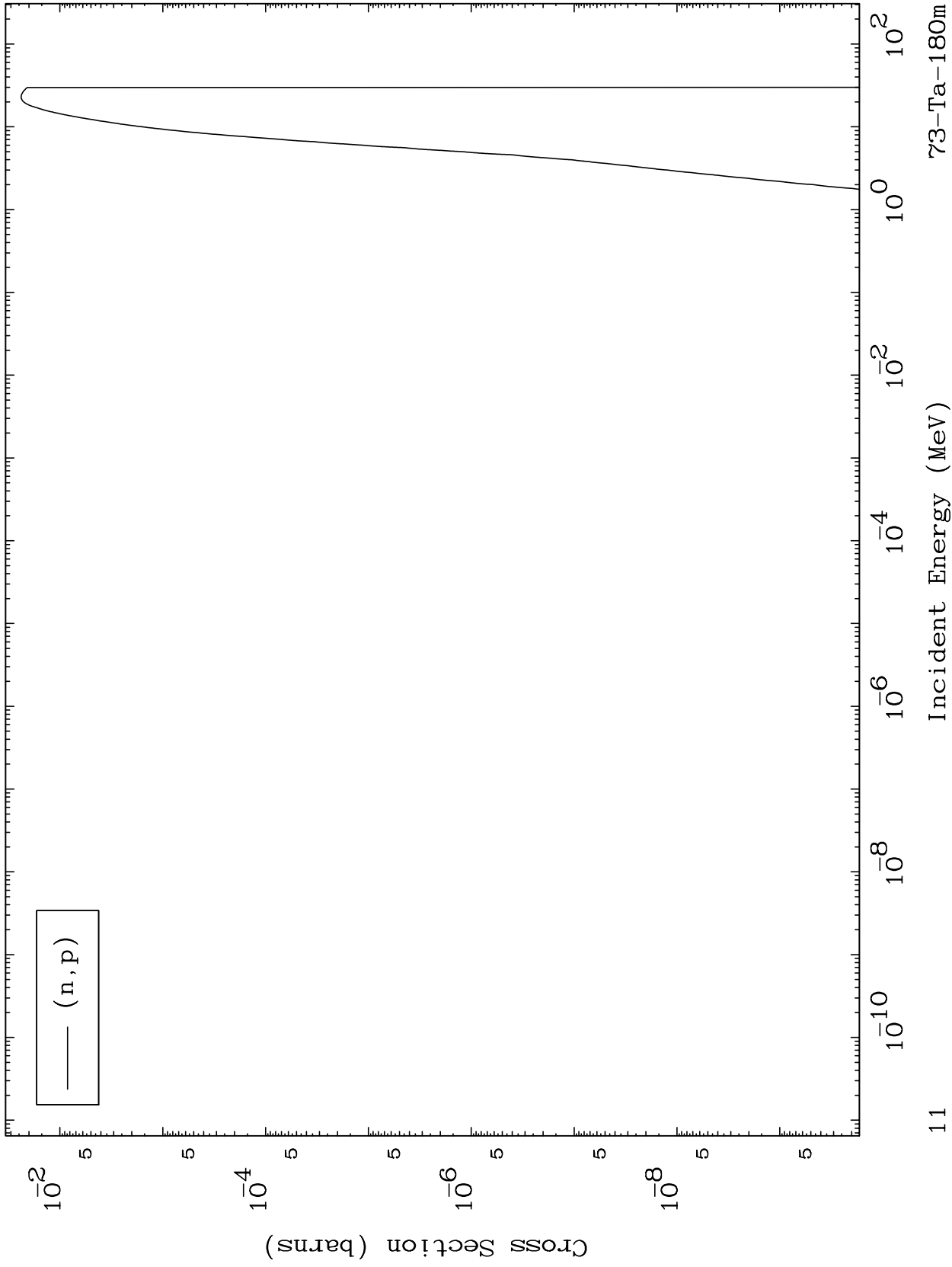
⁷³Ta-180m



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(n,p) Levels
293 Kelvin Cross Sections

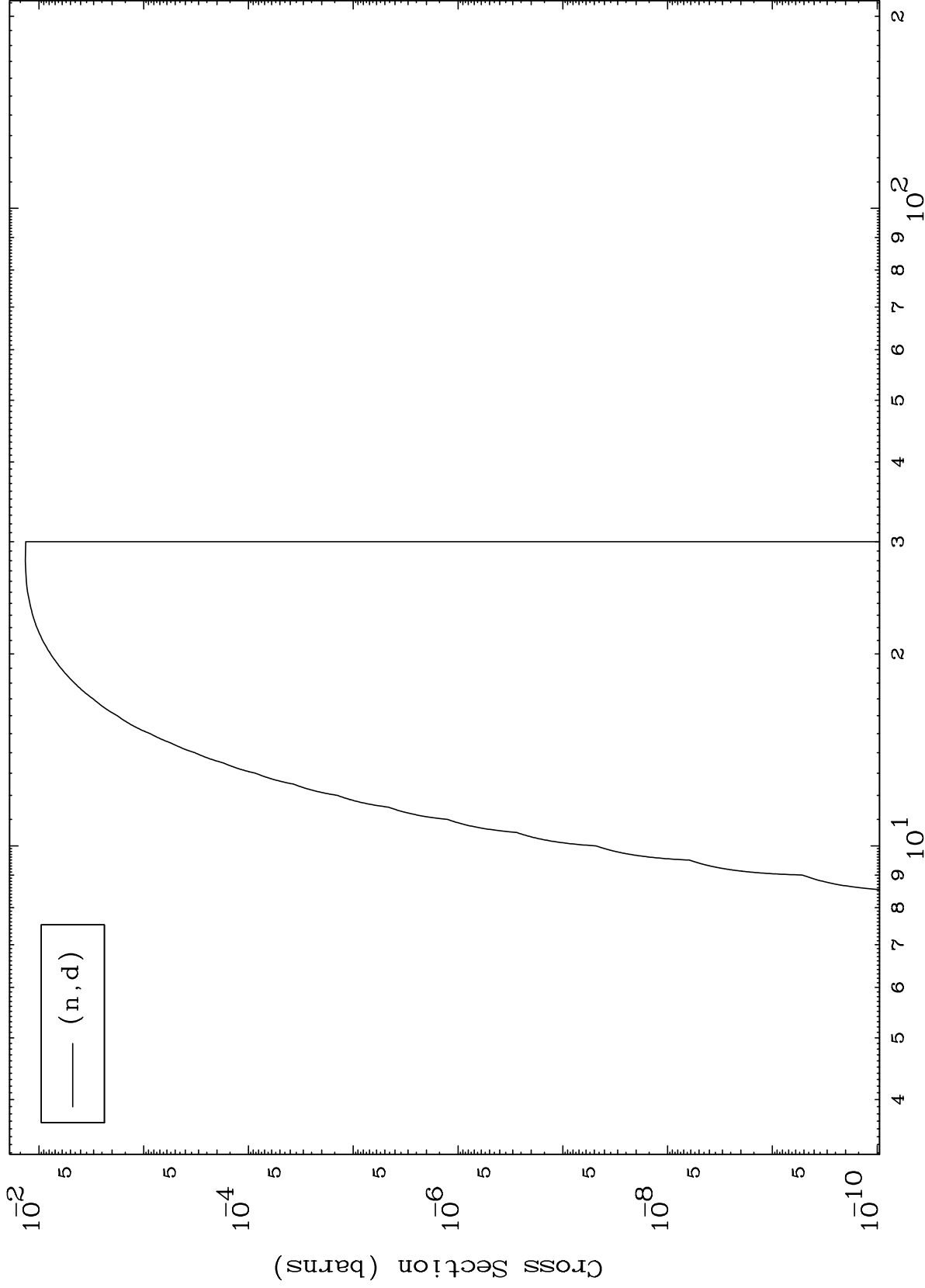
⁷³Ta-180m



MAT 7326

(n,d) Levels
293 Kelvin Cross Sections

⁷³Ta-180m



12

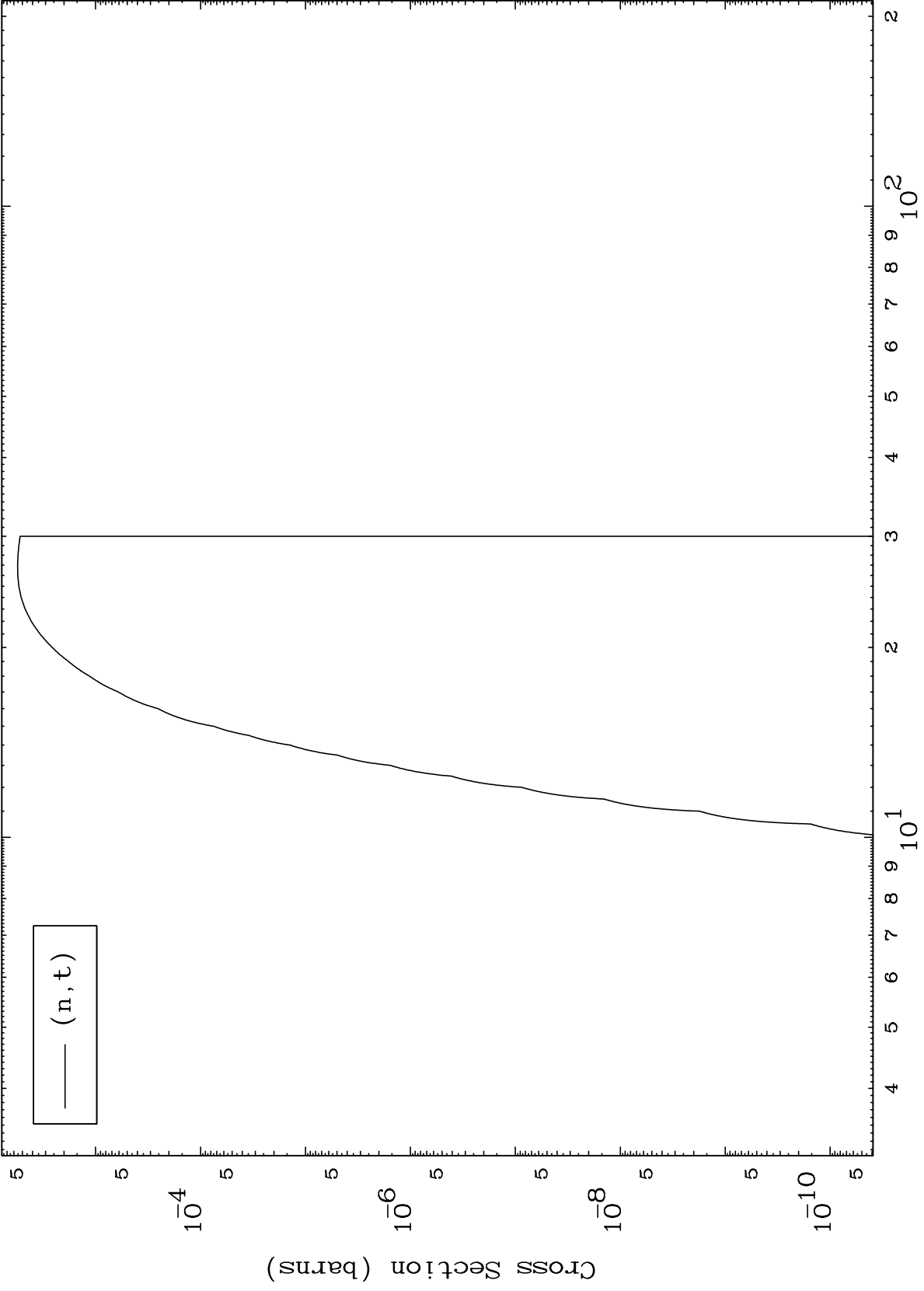
Incident Energy (MeV)

⁷³Ta-180m

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(n,t) Levels
293 Kelvin Cross Sections

⁷³Ta-180m



13

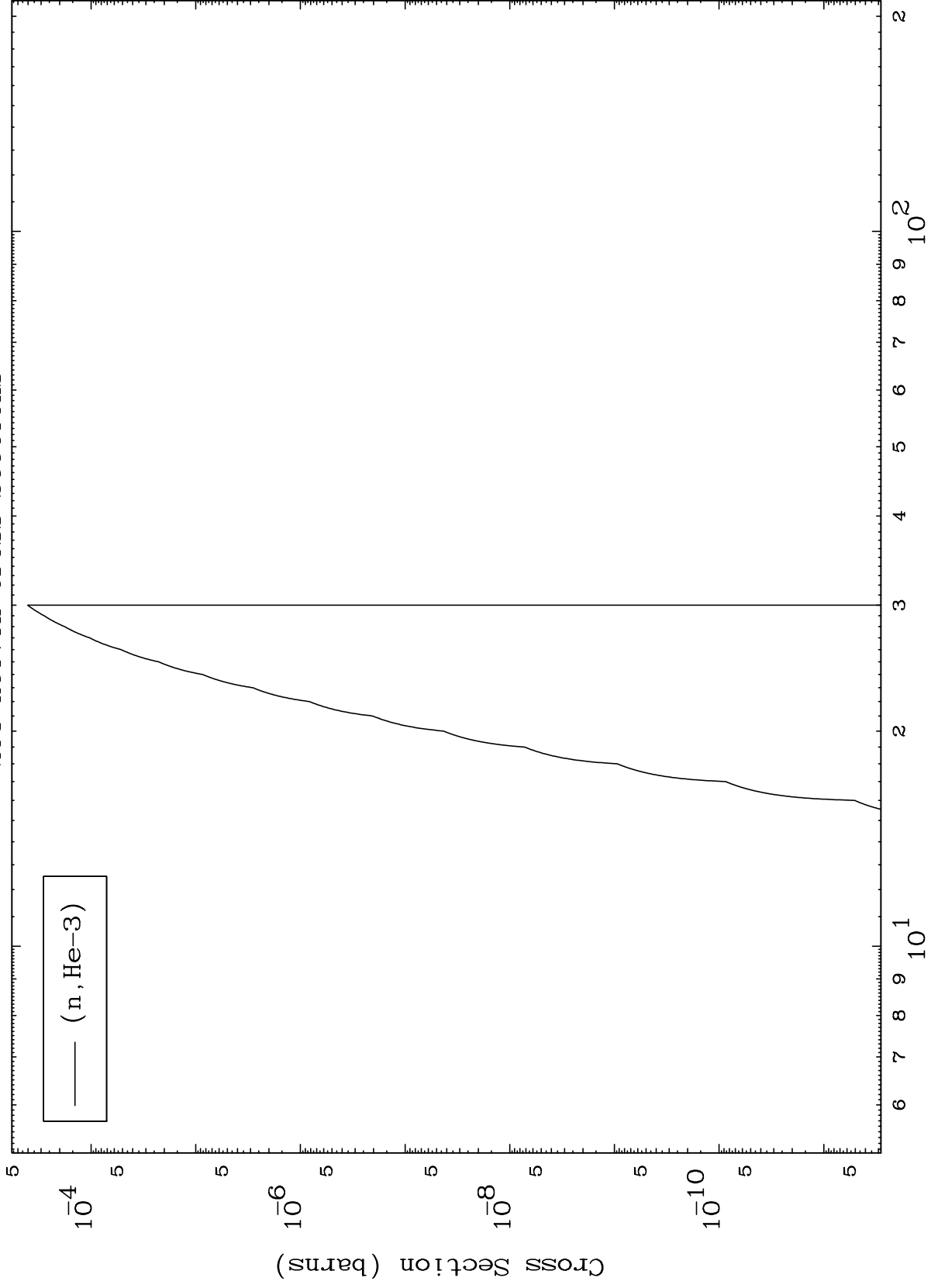
Incident Energy (MeV)

⁷³Ta-180m

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(n,He3) Levels
293 Kelvin Cross Sections

⁷³Ta-180m



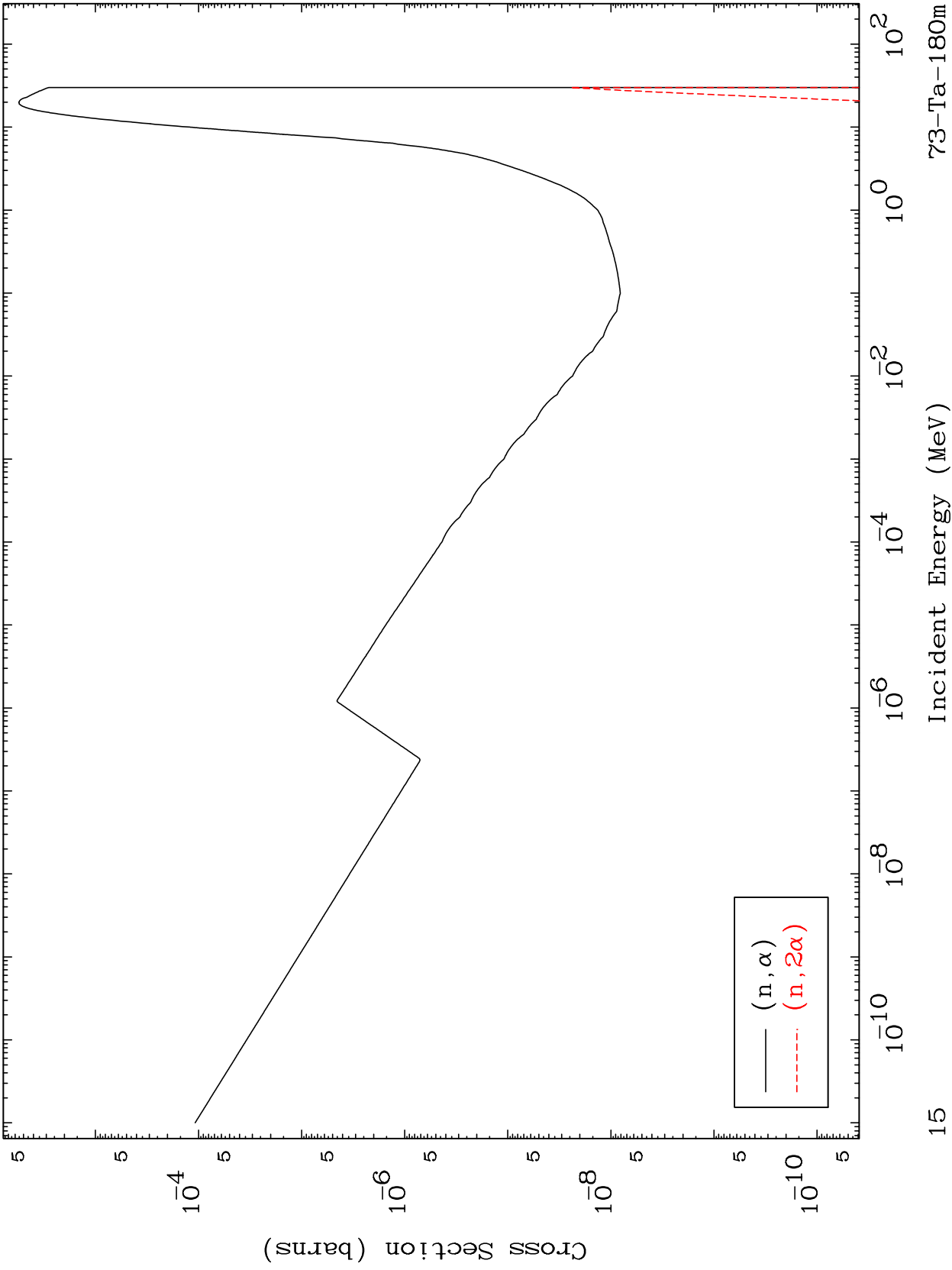
14

⁷³Ta-180m

MAT 7326

(n,α) Levels
293 Kelvin Cross Sections

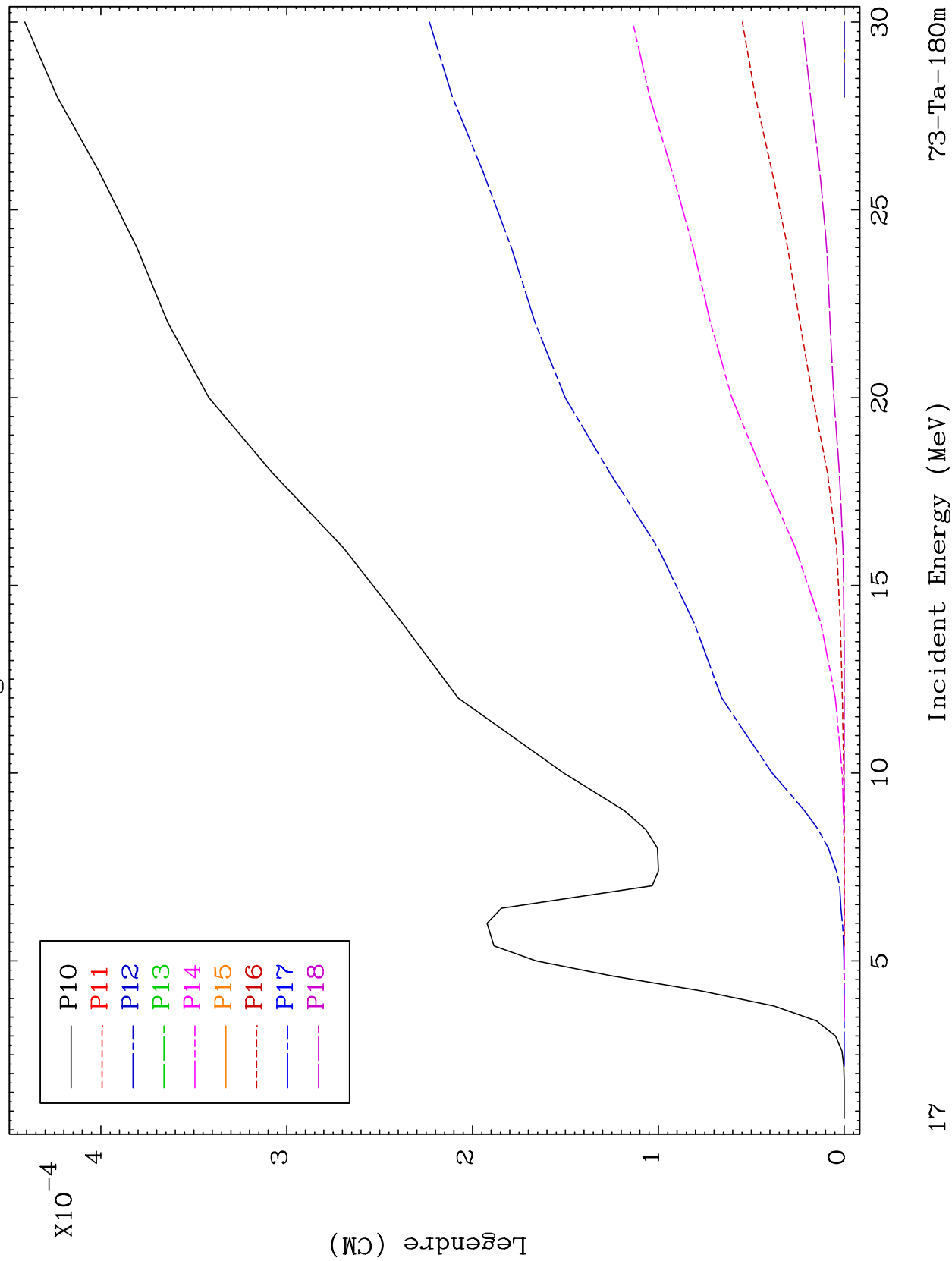
⁷³Ta-180m



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Elastic Legendre Coefficients

⁷³Ta-180m



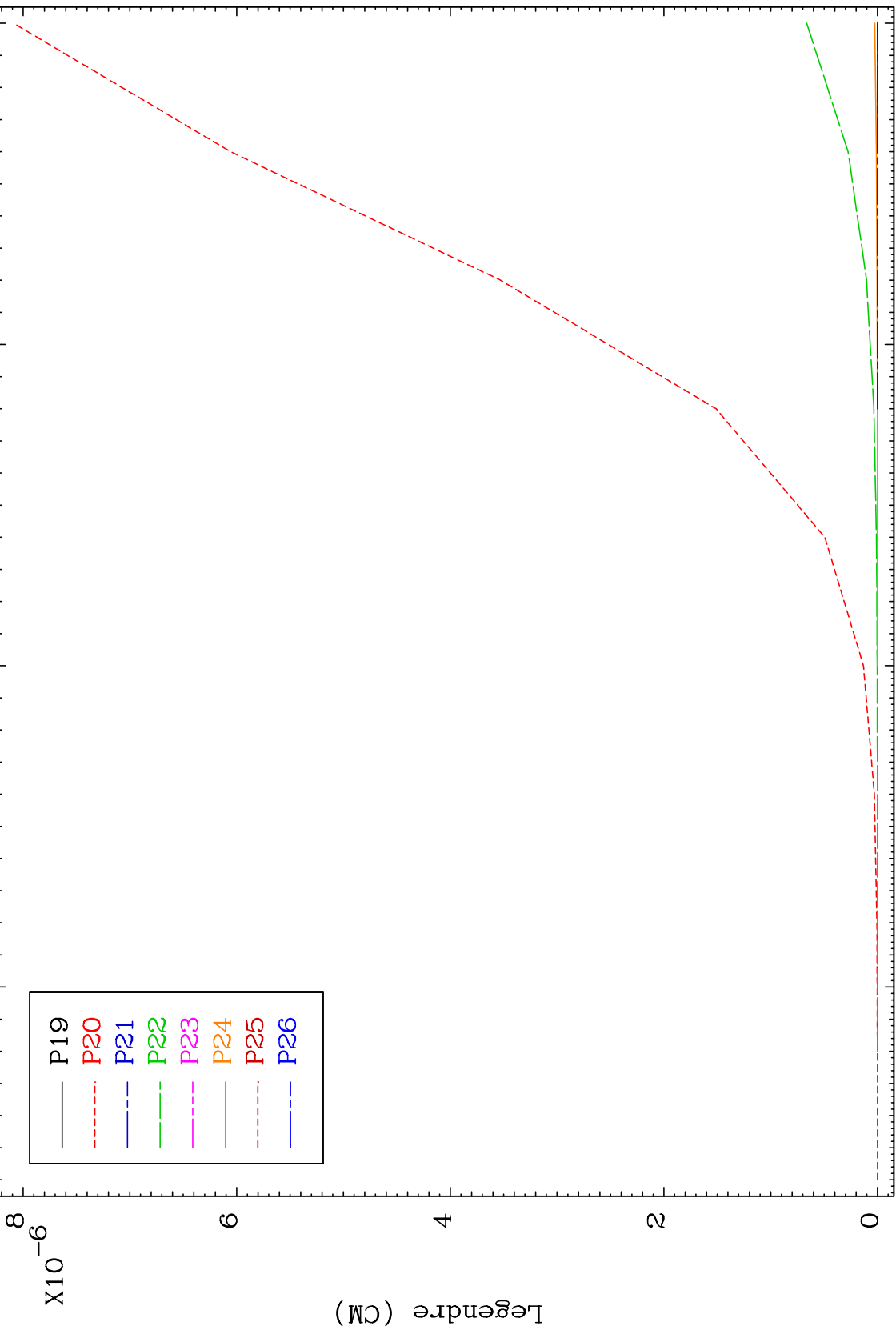
17

⁷³Ta-180m

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Elastic Legendre Coefficients

⁷³Ta-180m



18

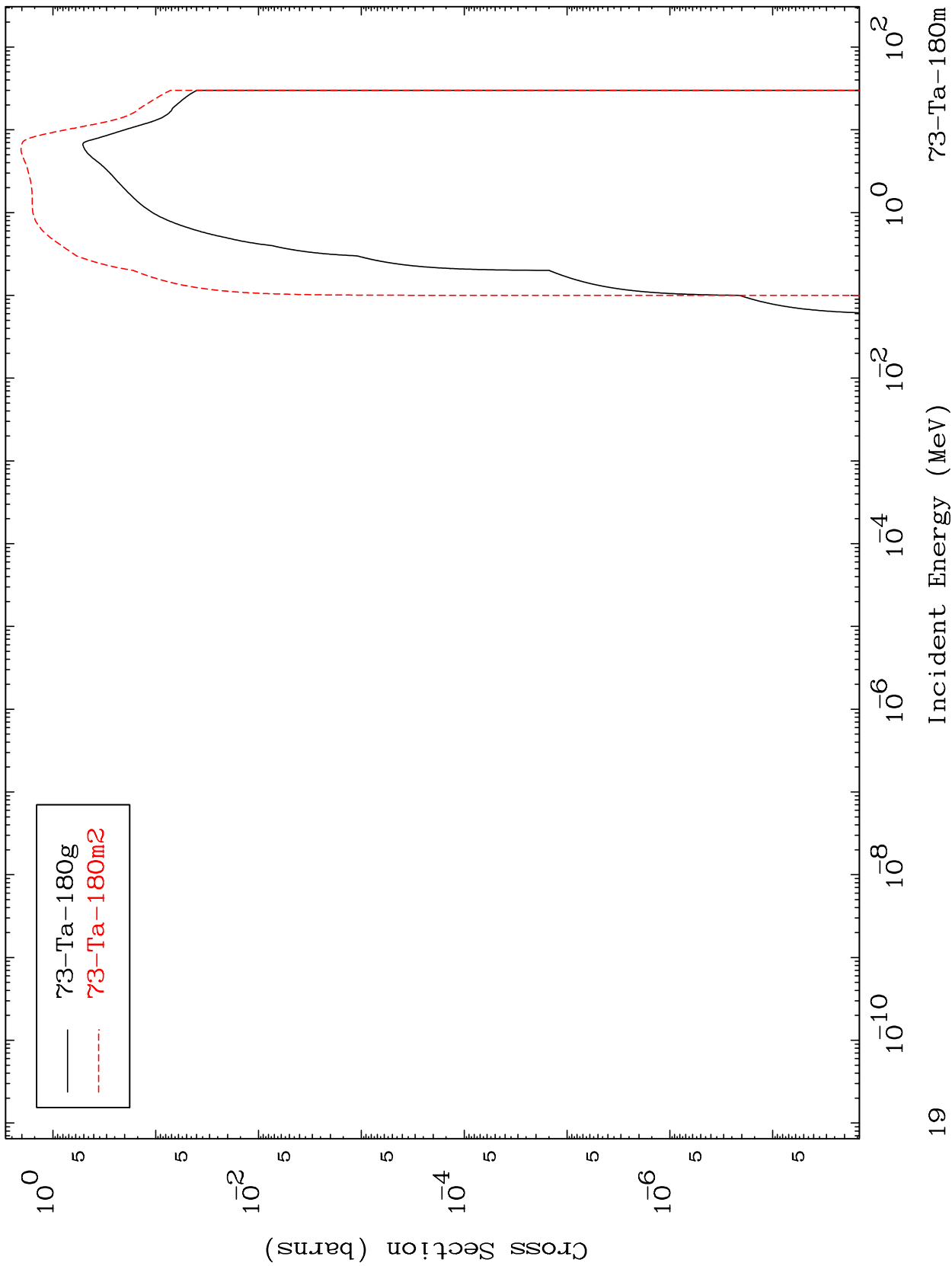
Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m

Inelastic
Radionuclide Production Cross Section

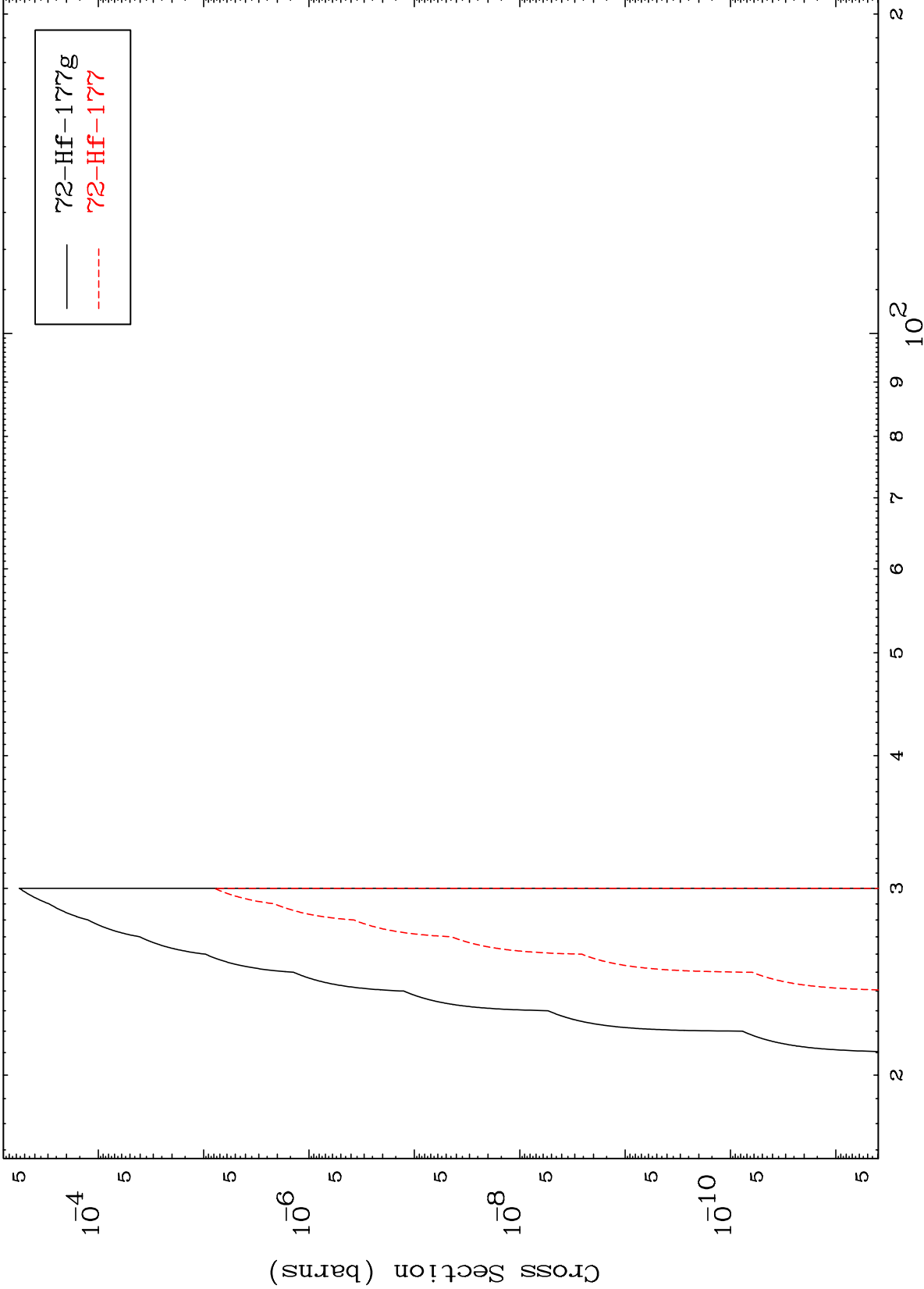


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(n,2n) d

⁷³Ta-180m

Radionuclide Production Cross Section



20

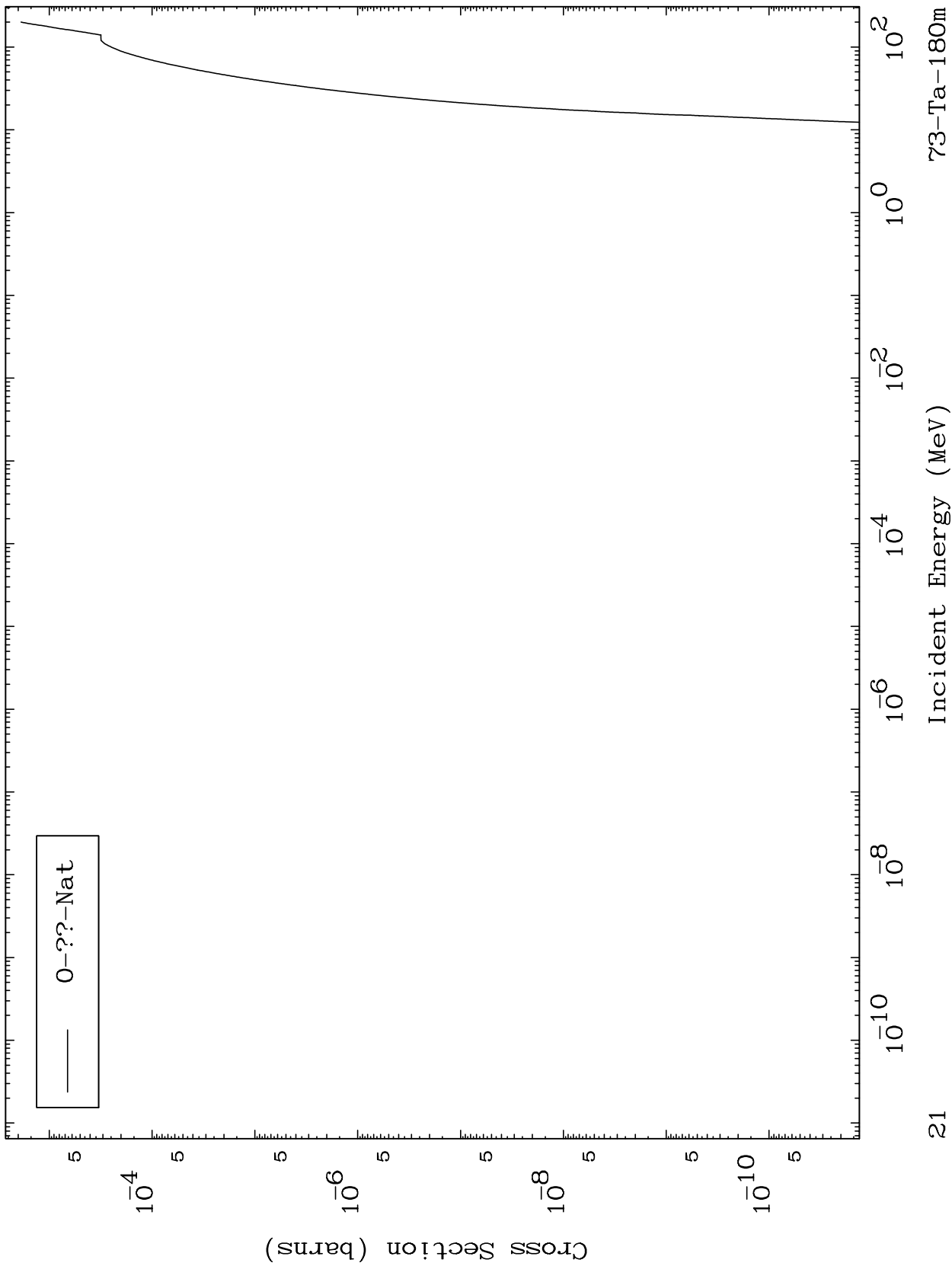
Incident Energy (MeV)

⁷³Ta-180m

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Fission
Radionuclide Production Cross Section

⁷³Ta-180m

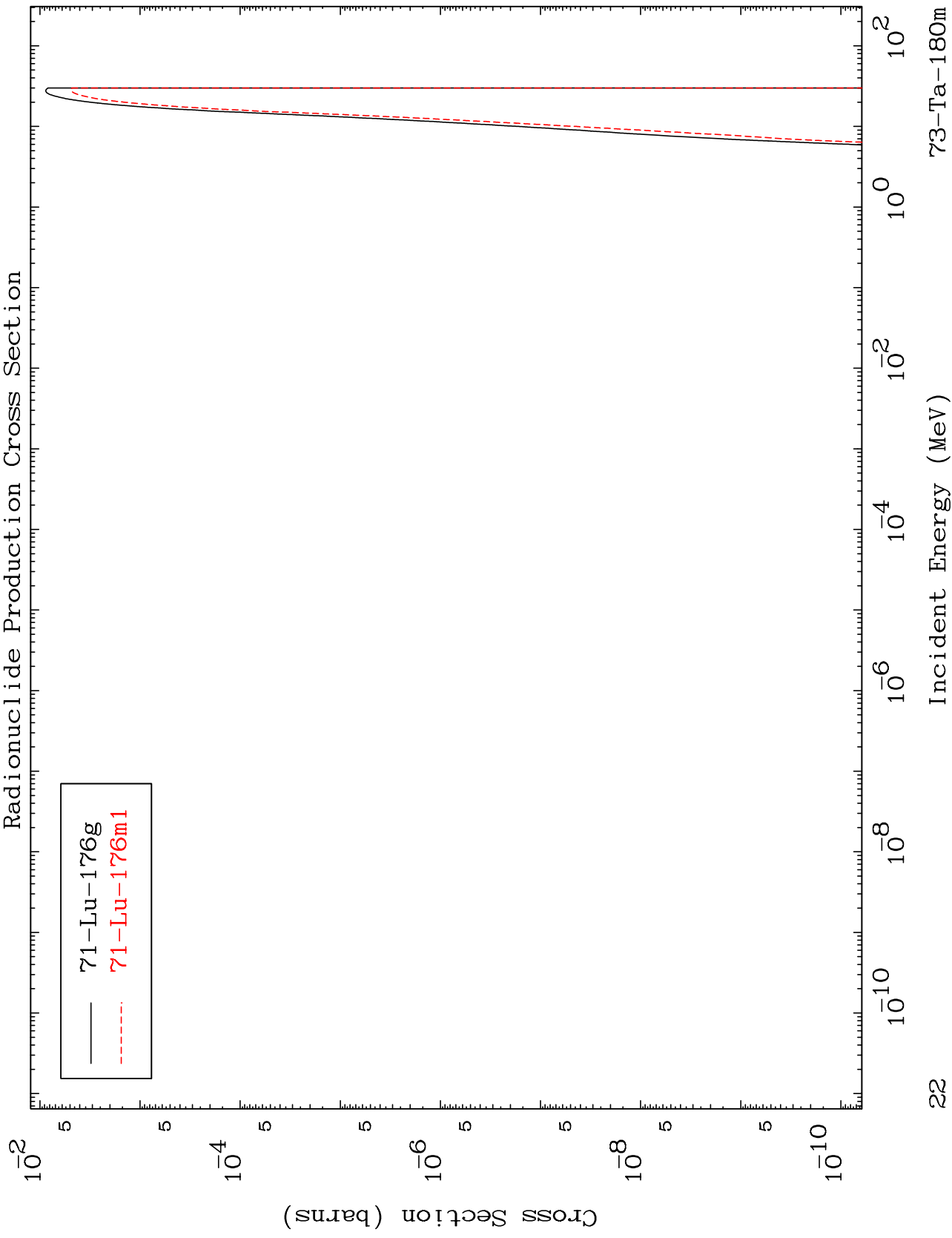


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$(n, n') \alpha$

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

Radionuclide Production Cross Section



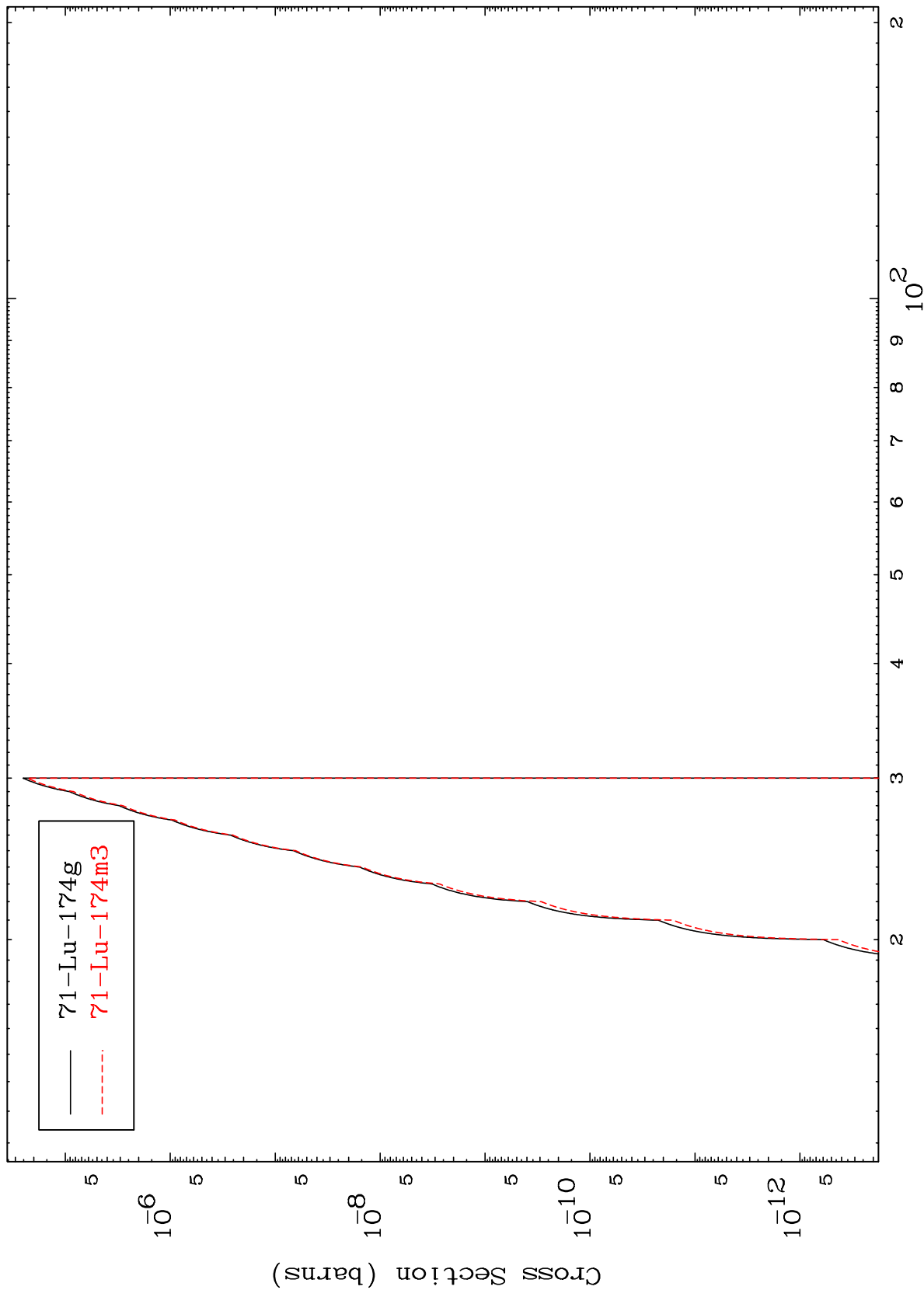
— $^{71}\text{Lu}-176\text{g}$
- - - $^{71}\text{Lu}-176\text{m1}$

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

$(n,3n) \alpha$

Radionuclide Production Cross Section



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

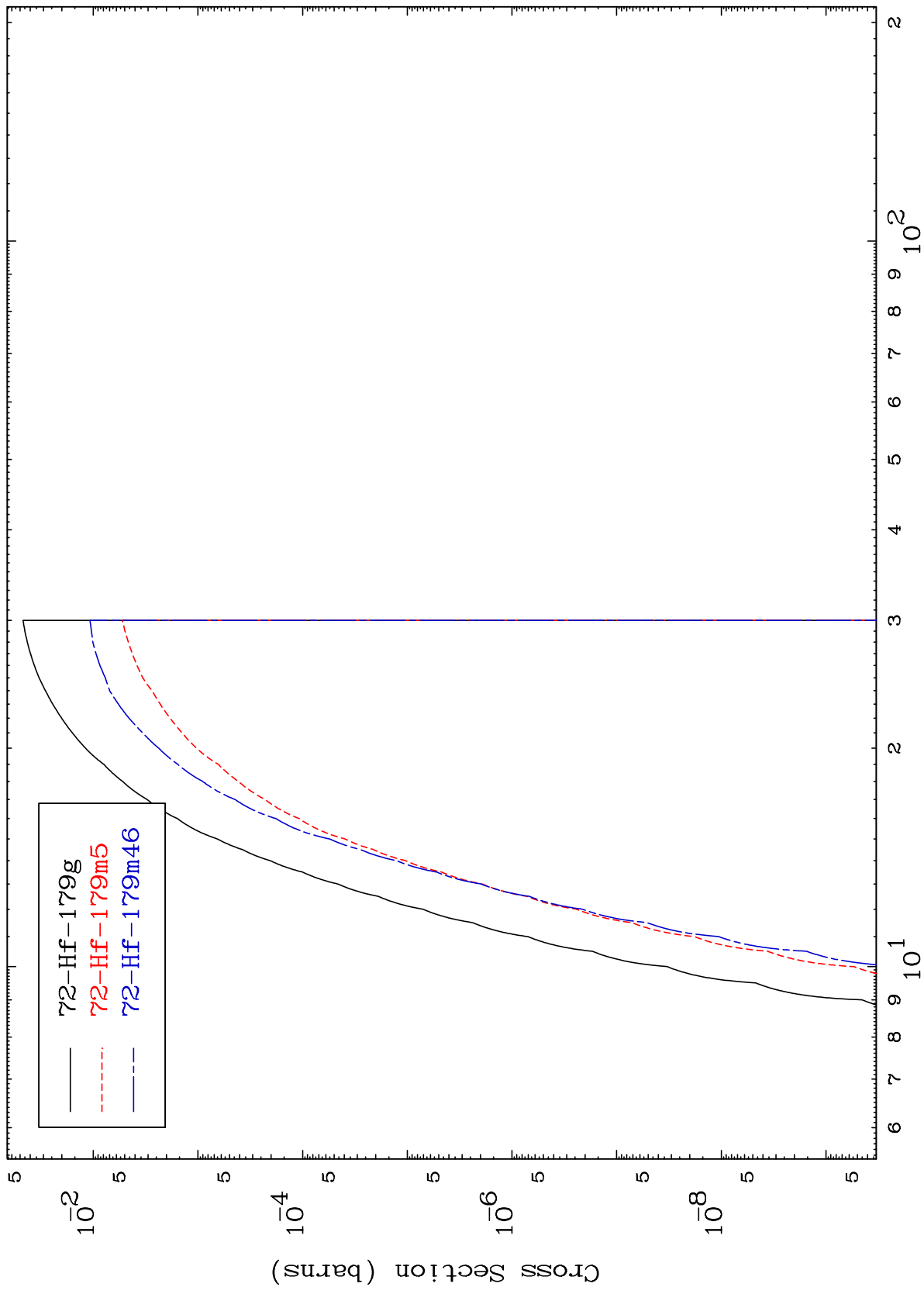
Incident Energy (MeV)

MAT 7326

(n,n') p

⁷³Ta-180m

Radionuclide Production Cross Section



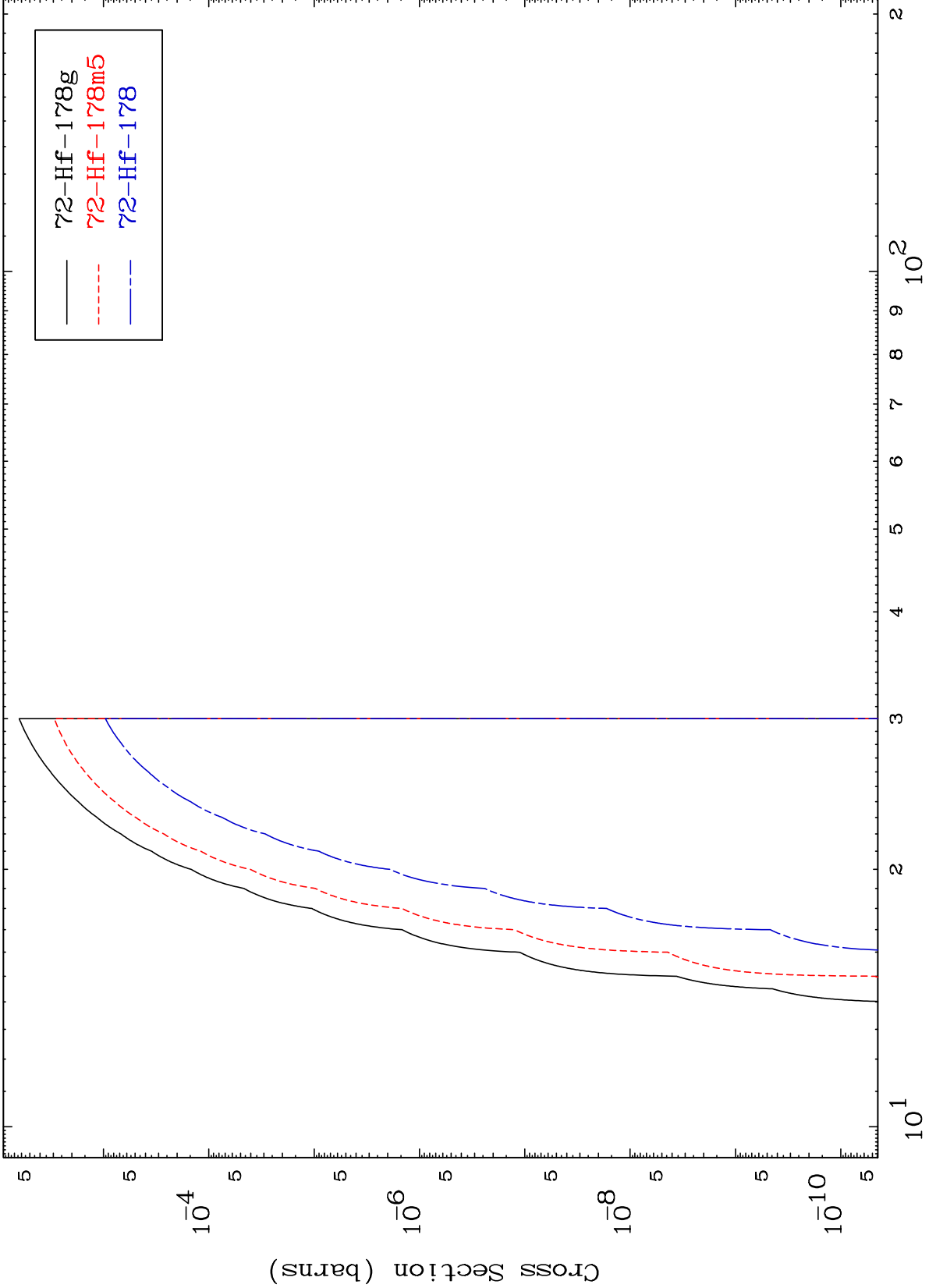
72-Hf-179g
72-Hf-179m5
72-Hf-179m46

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(n,n') d

⁷³Ta-180m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

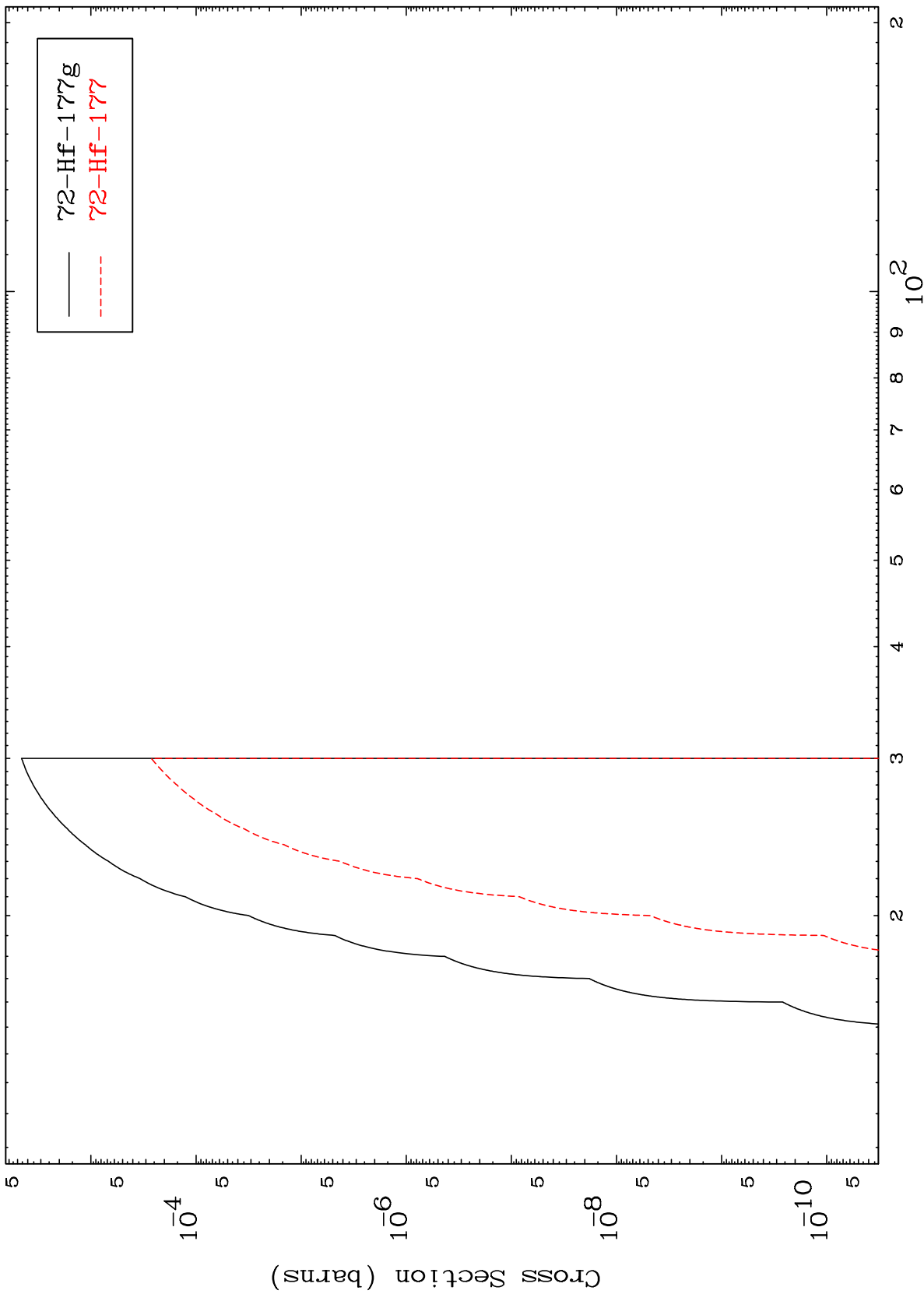
⁷³Ta-180m

MAT 7326

(n,n') t

⁷³Ta-180m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

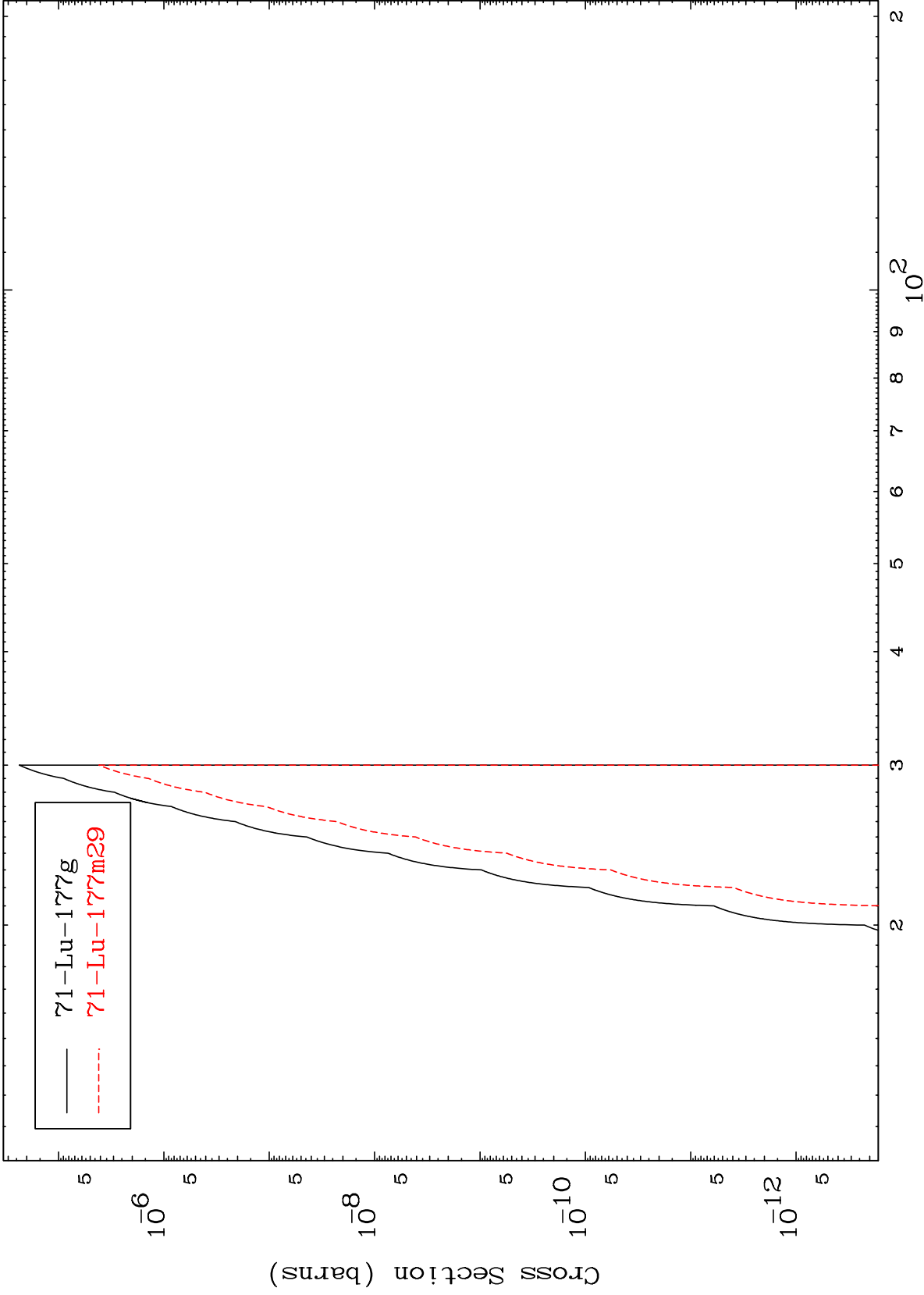
⁷³Ta-180m

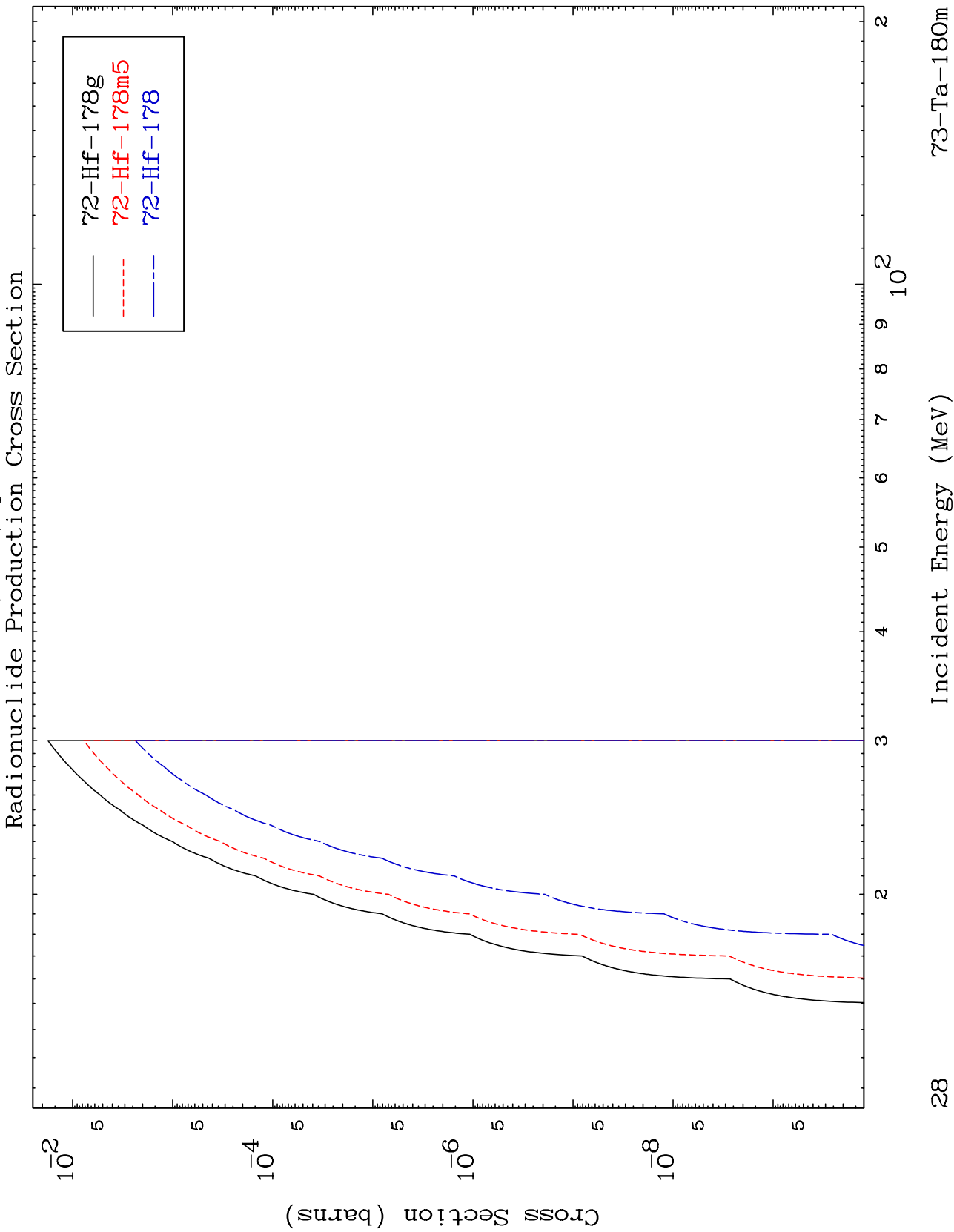
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(n,n') He-3

⁷³Ta-180m

Radionuclide Production Cross Section



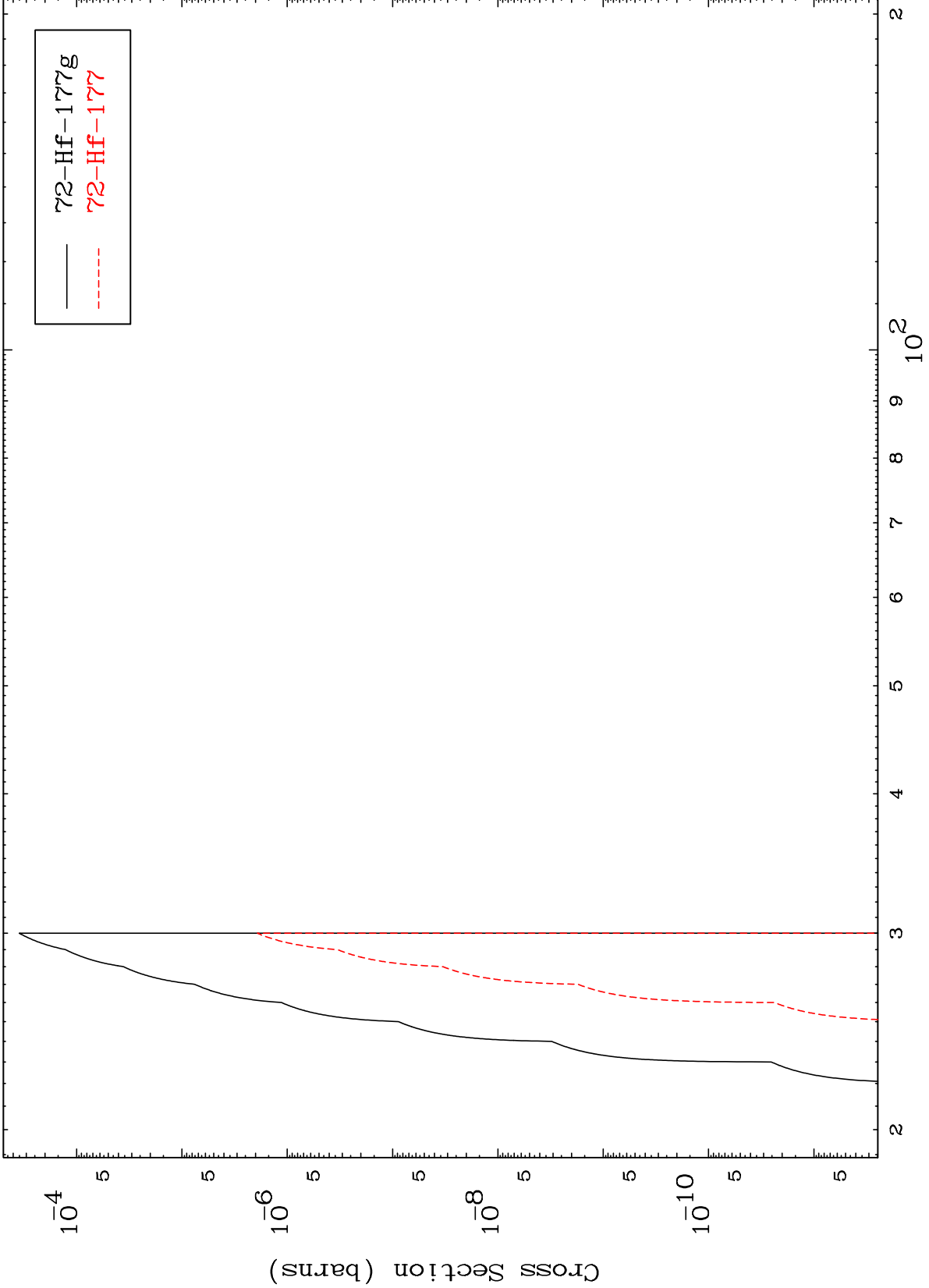


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(n,3n) p

⁷³Ta-180m

Radionuclide Production Cross Section



— ⁷²Hf-177g
- - - ⁷²Hf-177

29

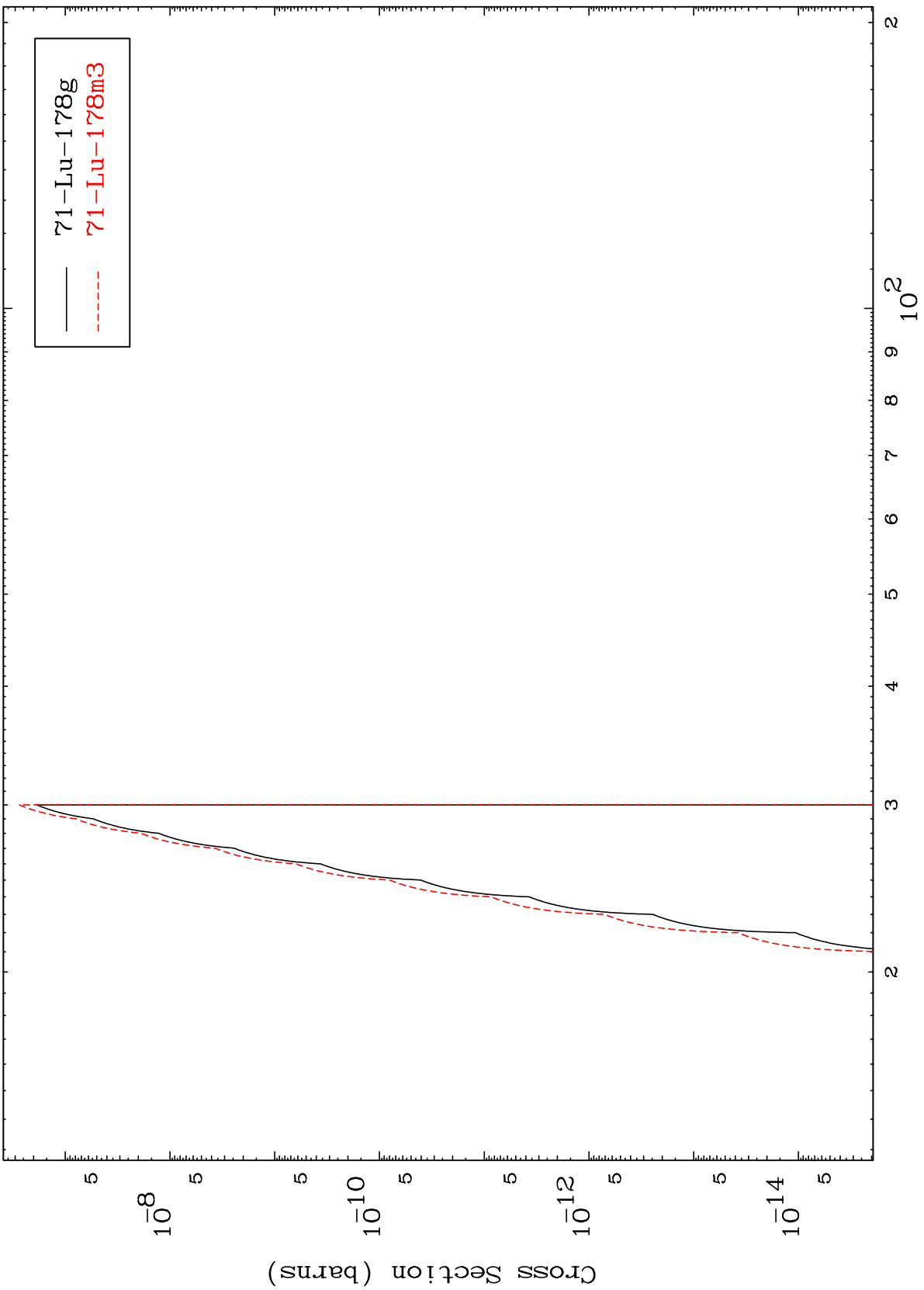
Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m

(n,2n) p
Radionuclide Production Cross Section



30

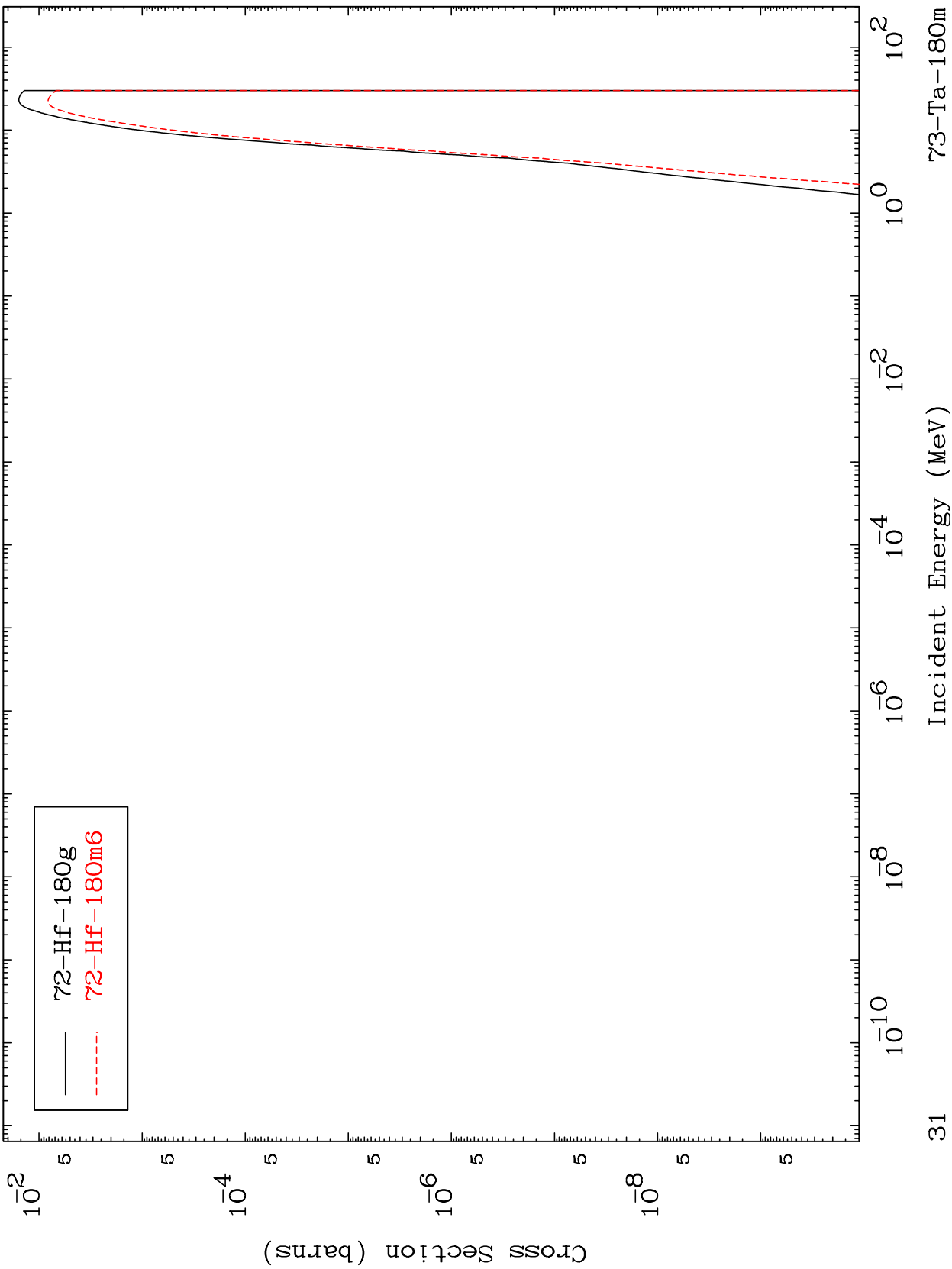
⁷³Ta-180m

Incident Energy (MeV)

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(n,p)
Radionuclide Production Cross Section

⁷³Ta-180m

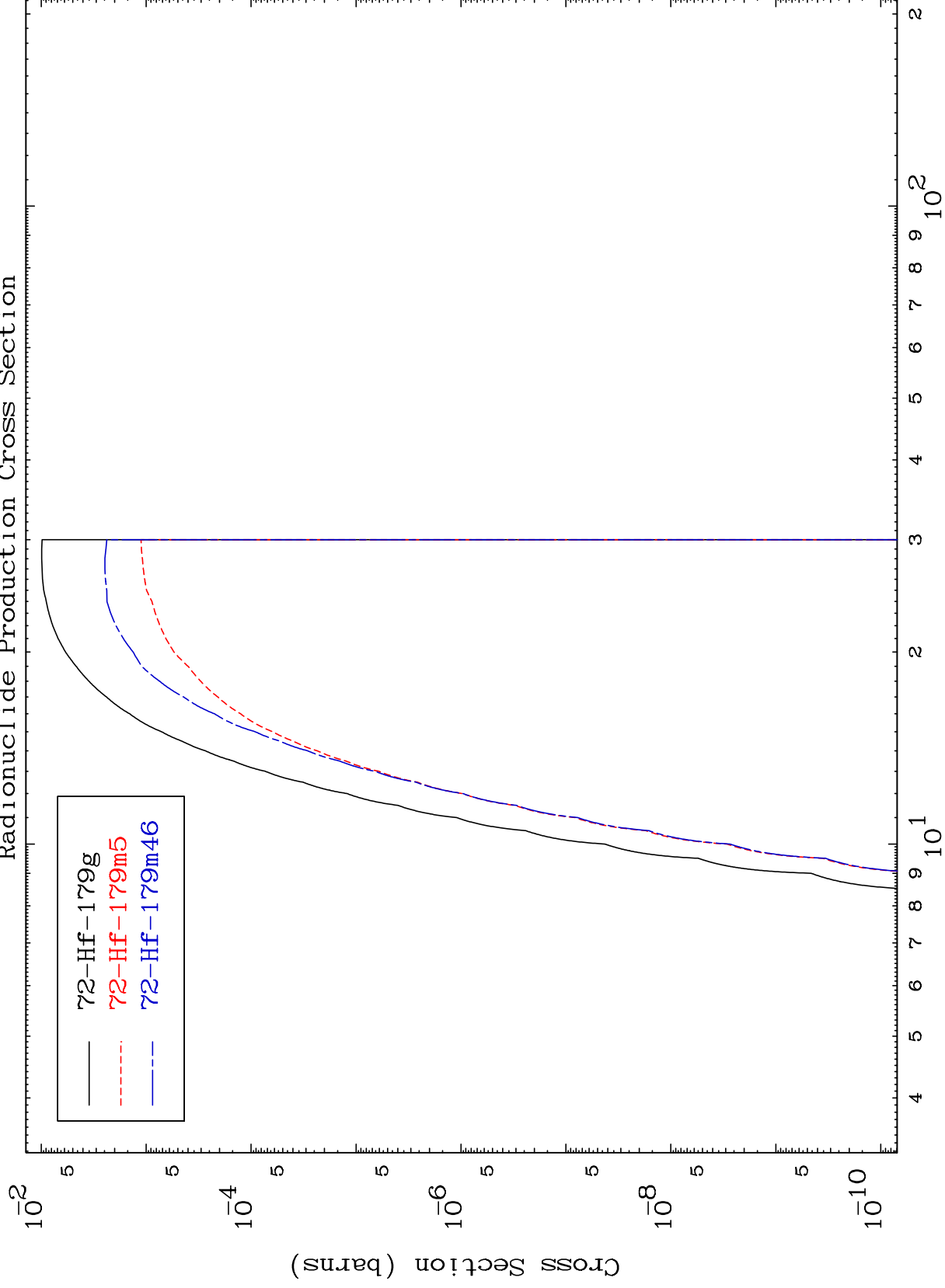


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(n,d)

⁷³Ta-180m

Radionuclide Production Cross Section



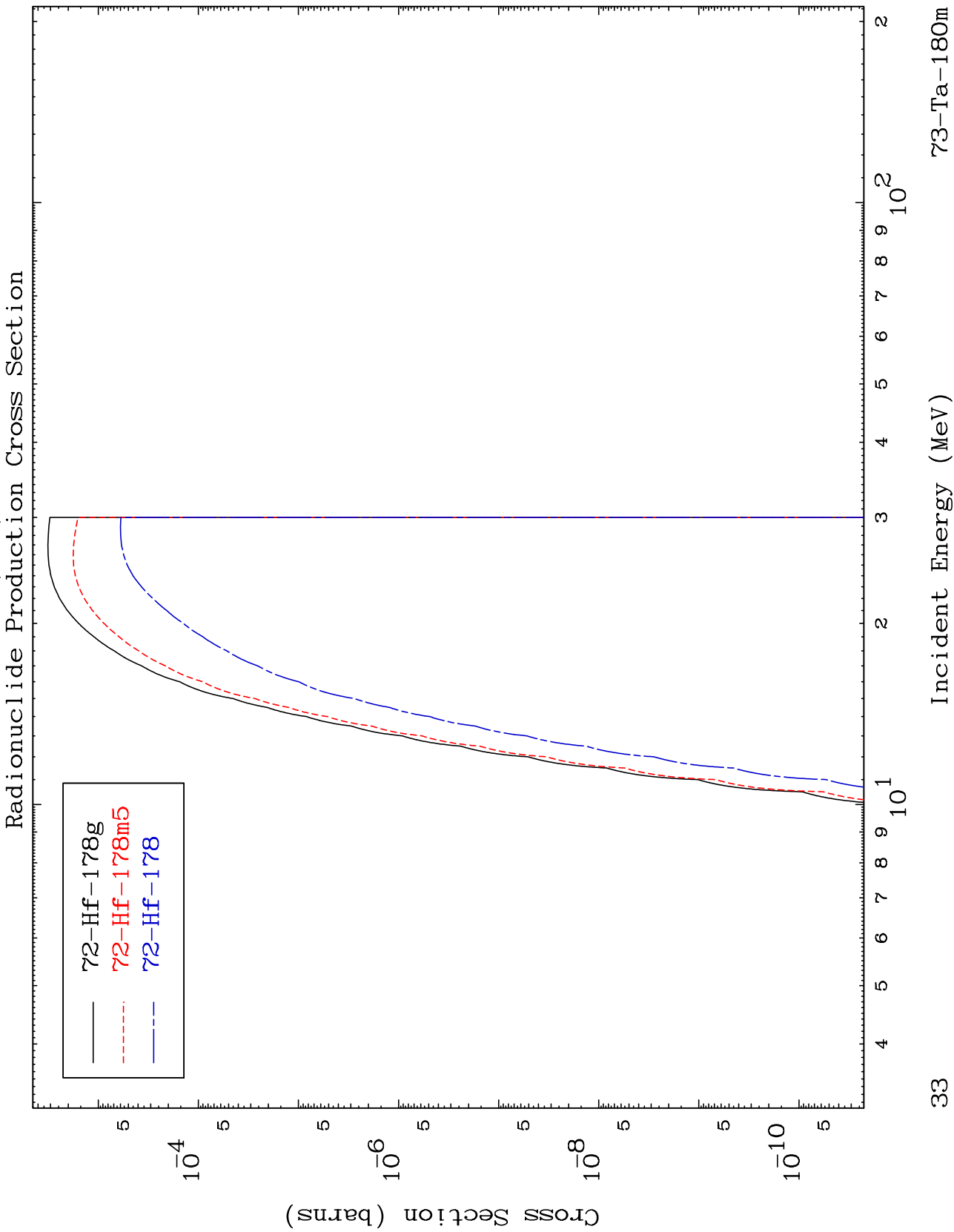
32

Incident Energy (MeV)

⁷³Ta-180m

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⁷³Ta-180m



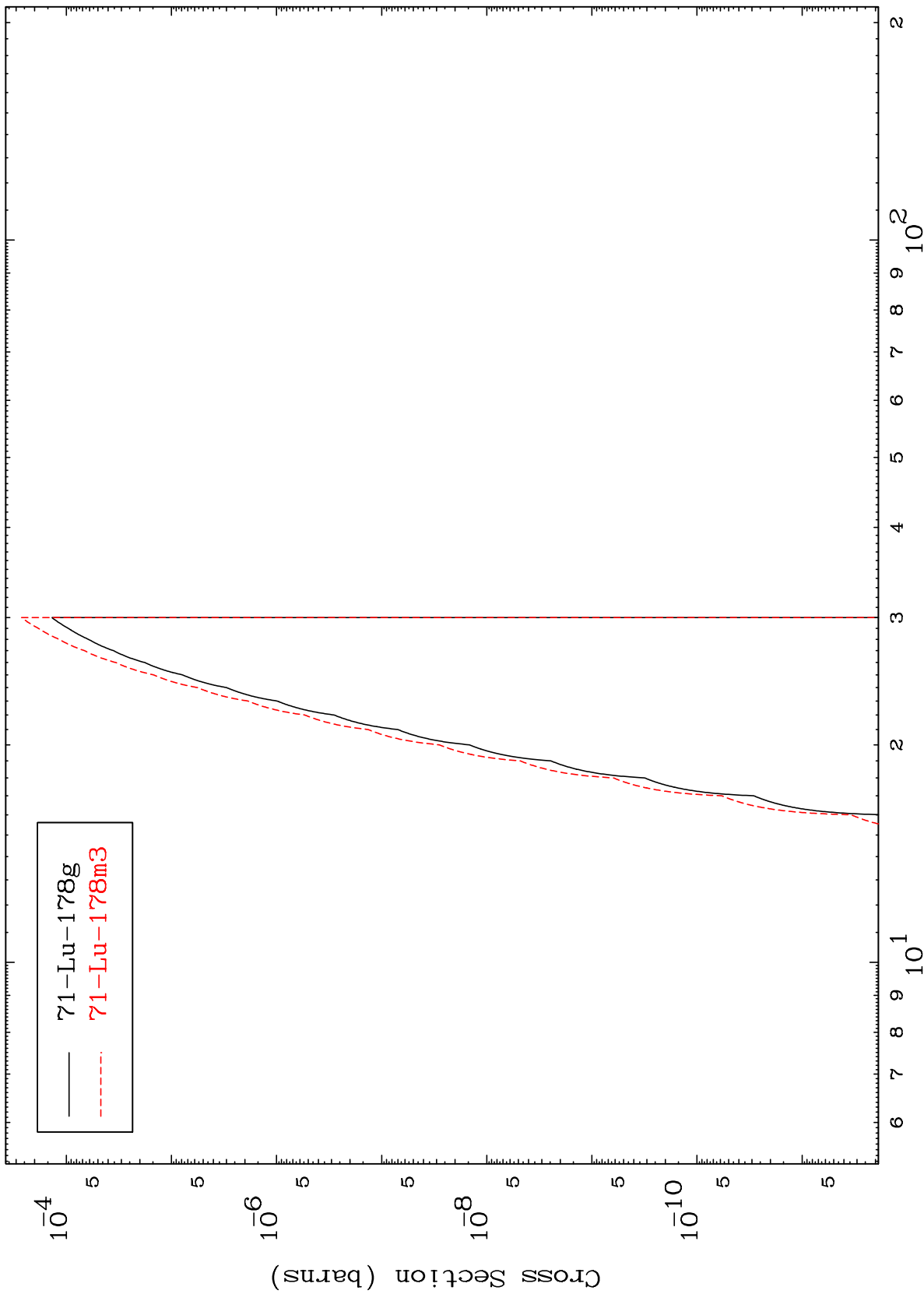
⁷³Ta-180m

Incident Energy (MeV)

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⁷³Ta-180m

Radionuclide Production Cross Section



⁷³Ta-180m

Incident Energy (MeV)

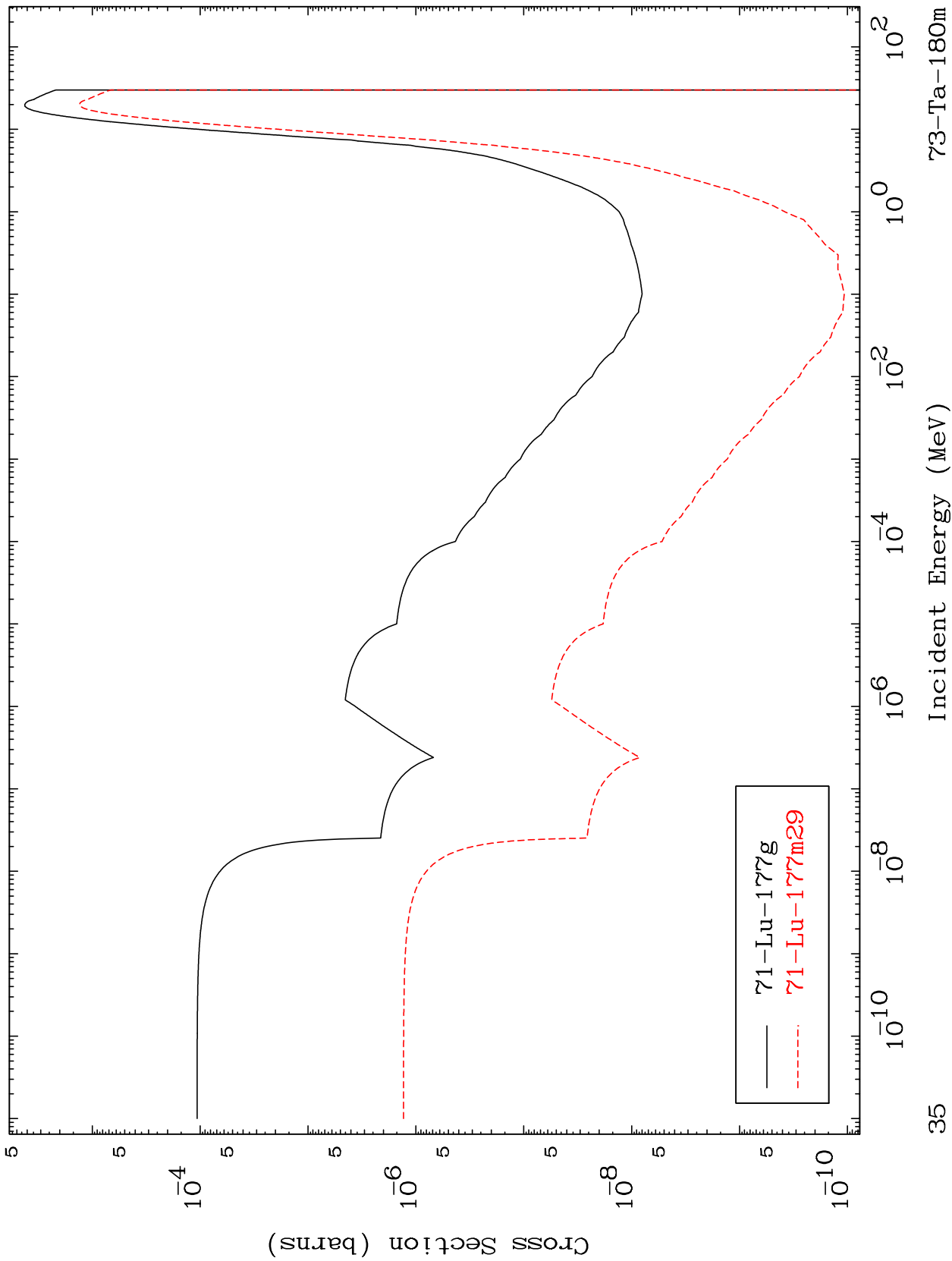
34

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⁷³Ta-180m

Radionuclide Production Cross Section

(n, α)

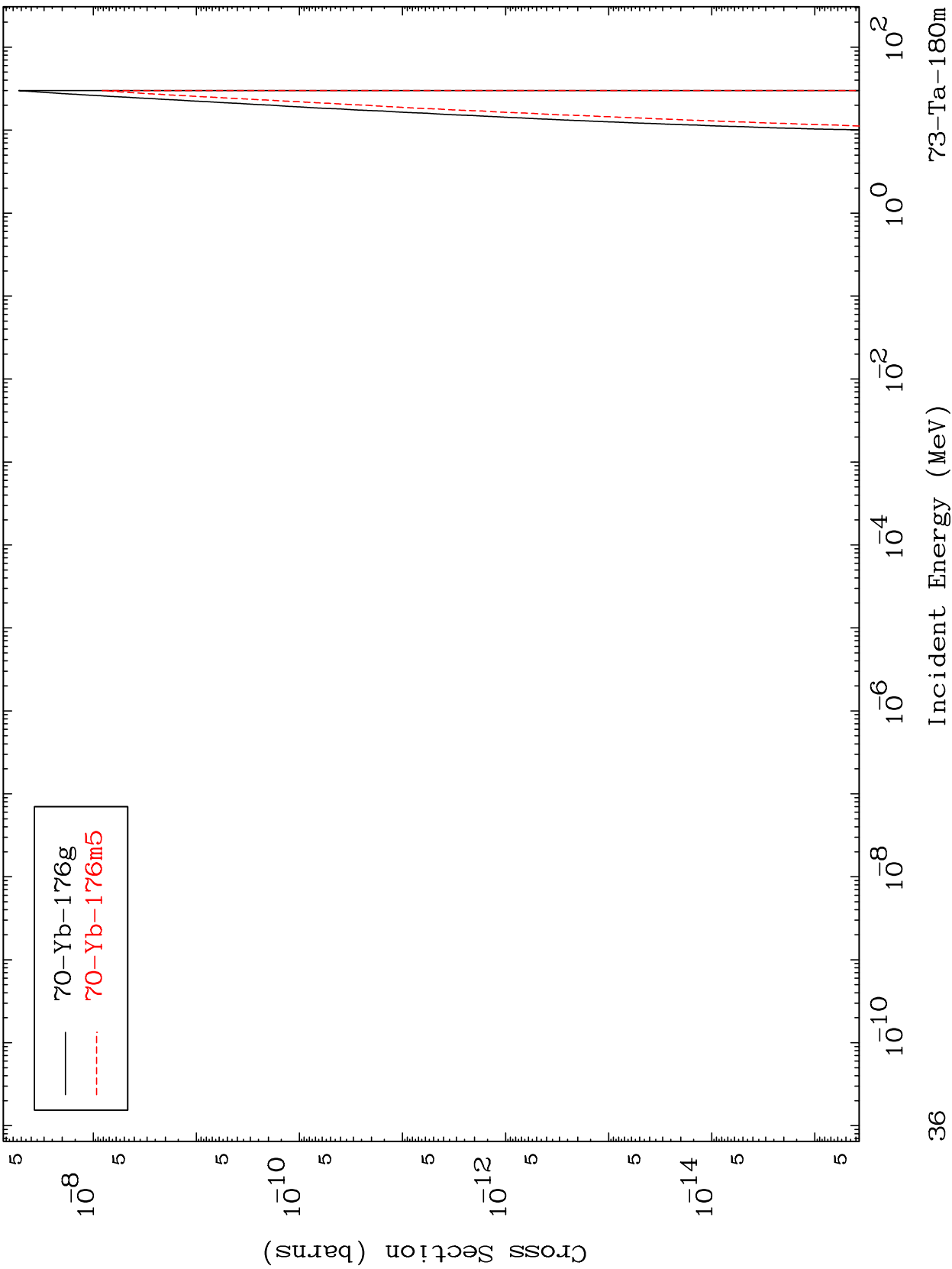


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(n,p) α

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

Radionuclide Production Cross Section

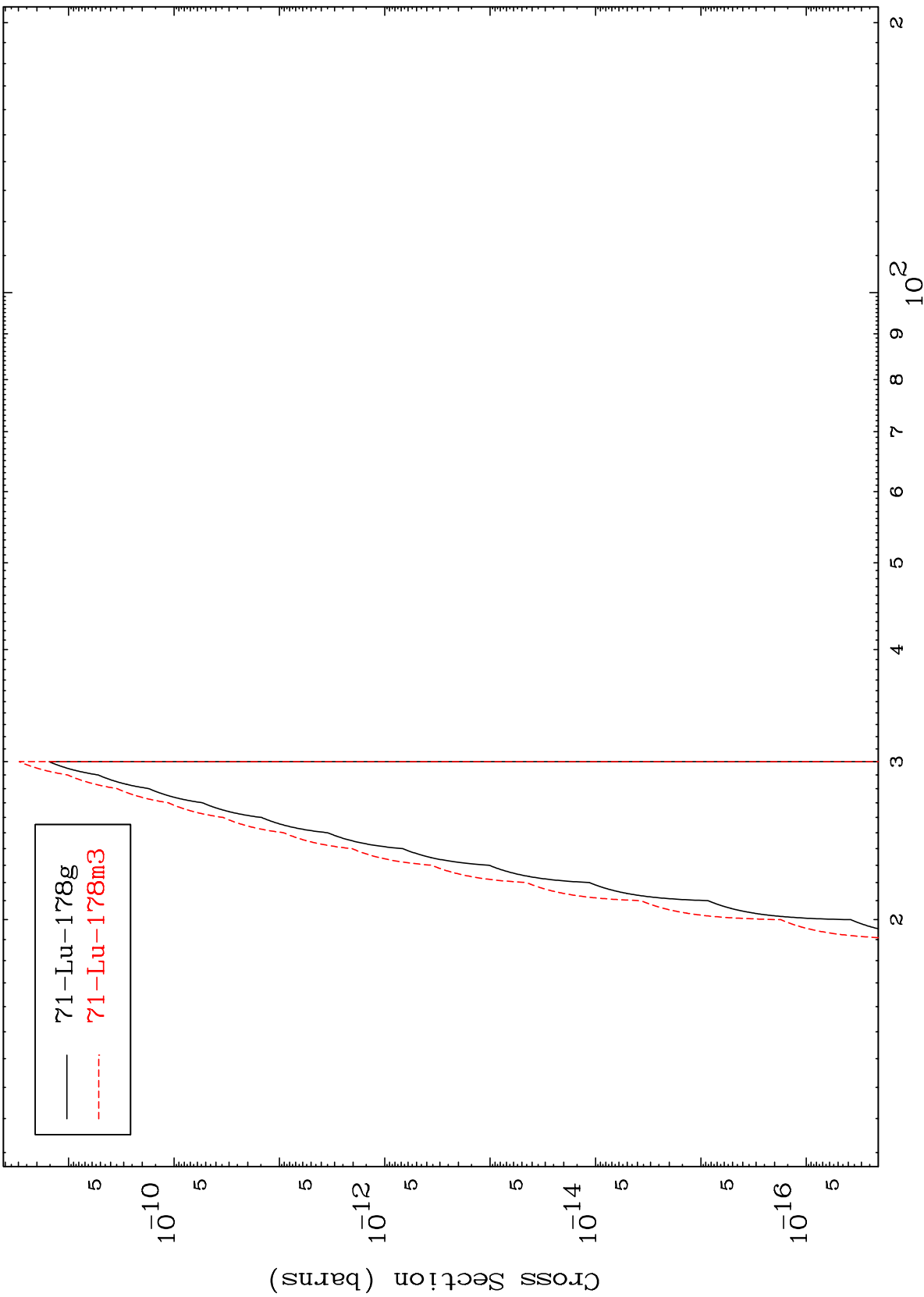


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(n,p) d

⁷³Ta-180m

Radionuclide Production Cross Section



MAT 7326

(n,p) t

⁷³Ta-180m

Radionuclide Production Cross Section

