

Program EVALPLOT
(Version 2018-1)

by

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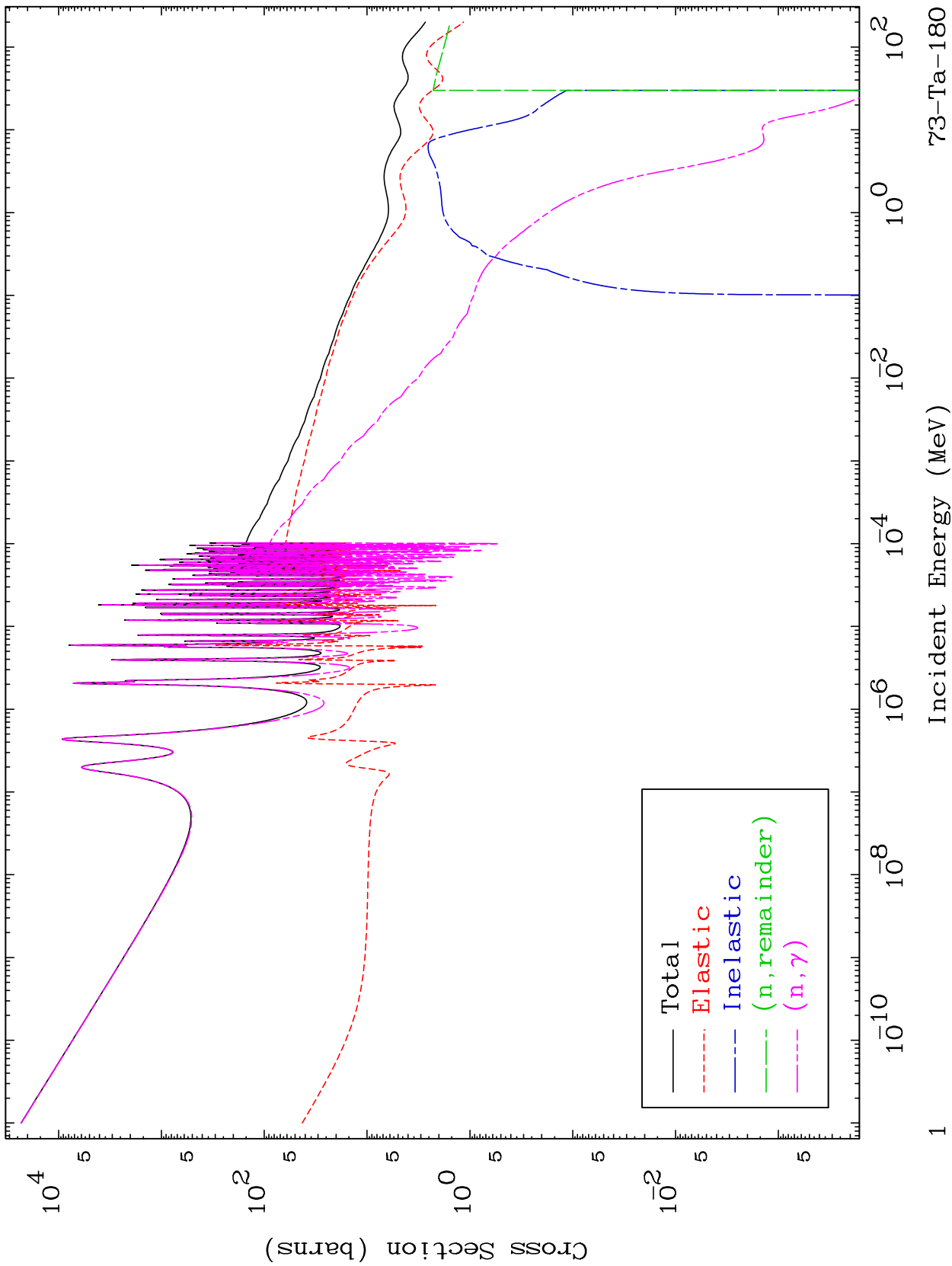
Press Mouse Button to Start

MAT 7326

Major

293 Kelvin Cross Sections

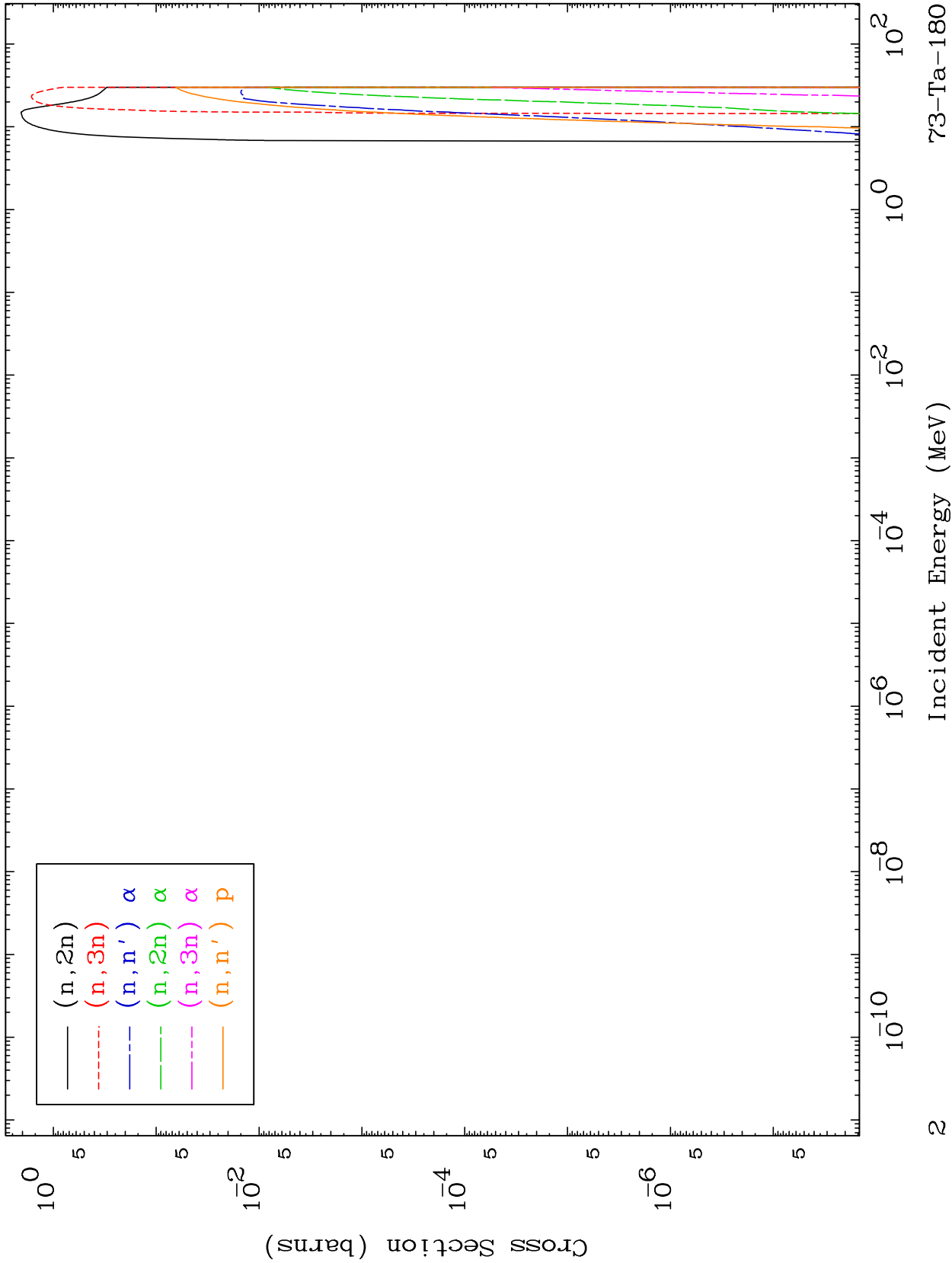
73-Ta-180



MAT 7326

Neutron Production
293 Kelvin Cross Sections

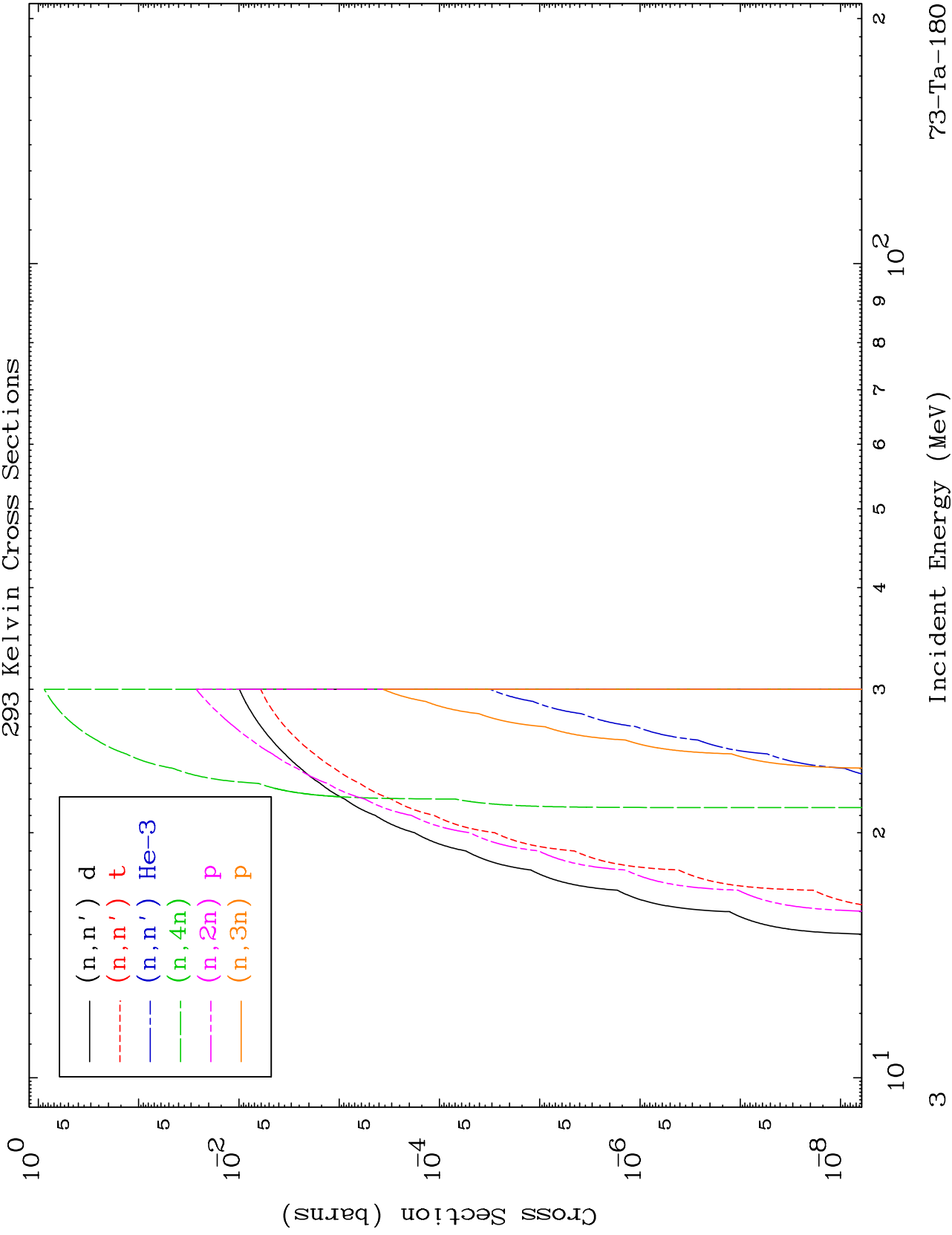
73-Ta-180



MAT 7326

Neutron Production
293 Kelvin Cross Sections

73-Ta-180



73-Ta-180

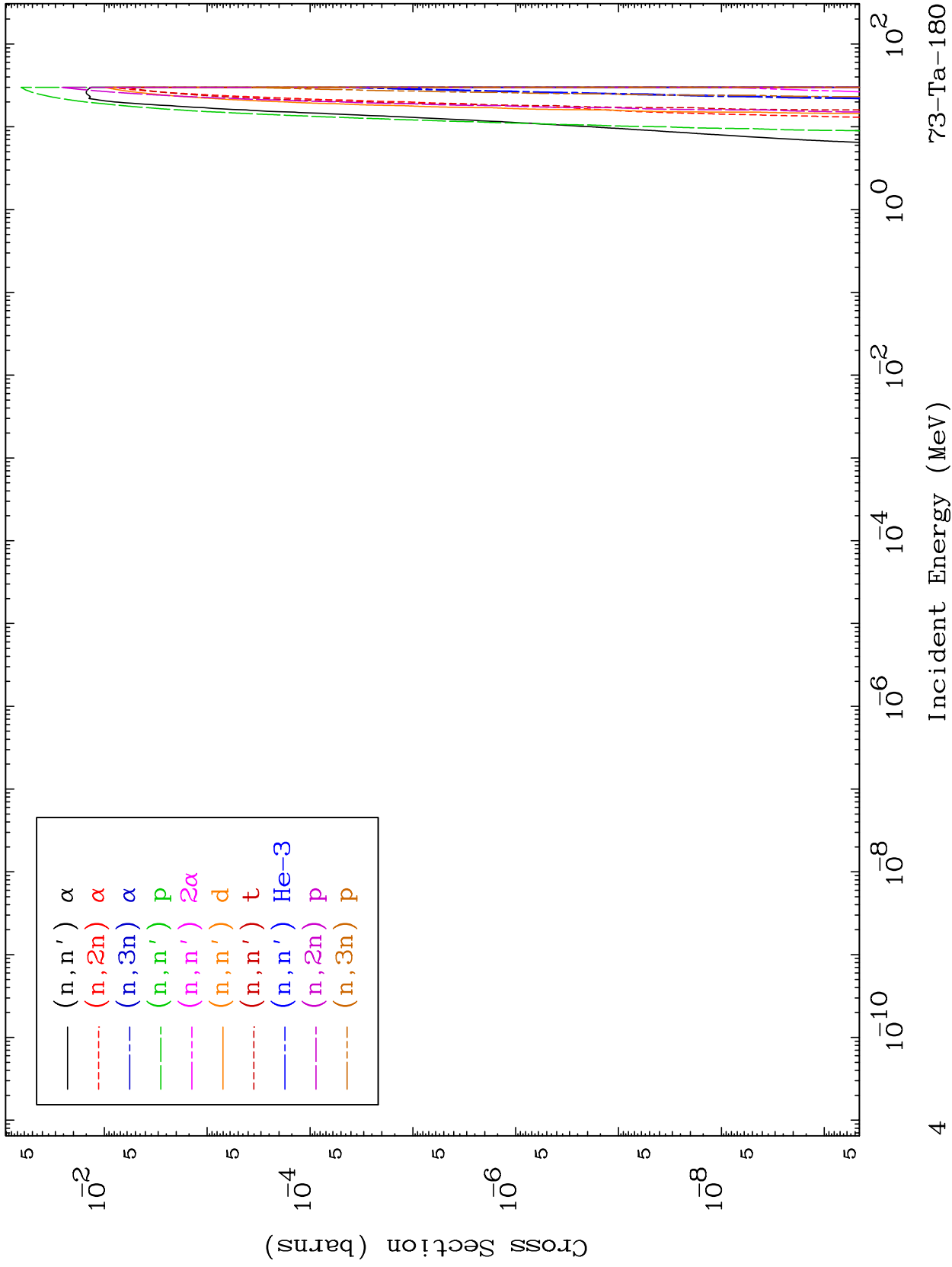
Incident Energy (MeV)

3

MAT 7326

Charged Particle
293 Kelvin Cross Sections

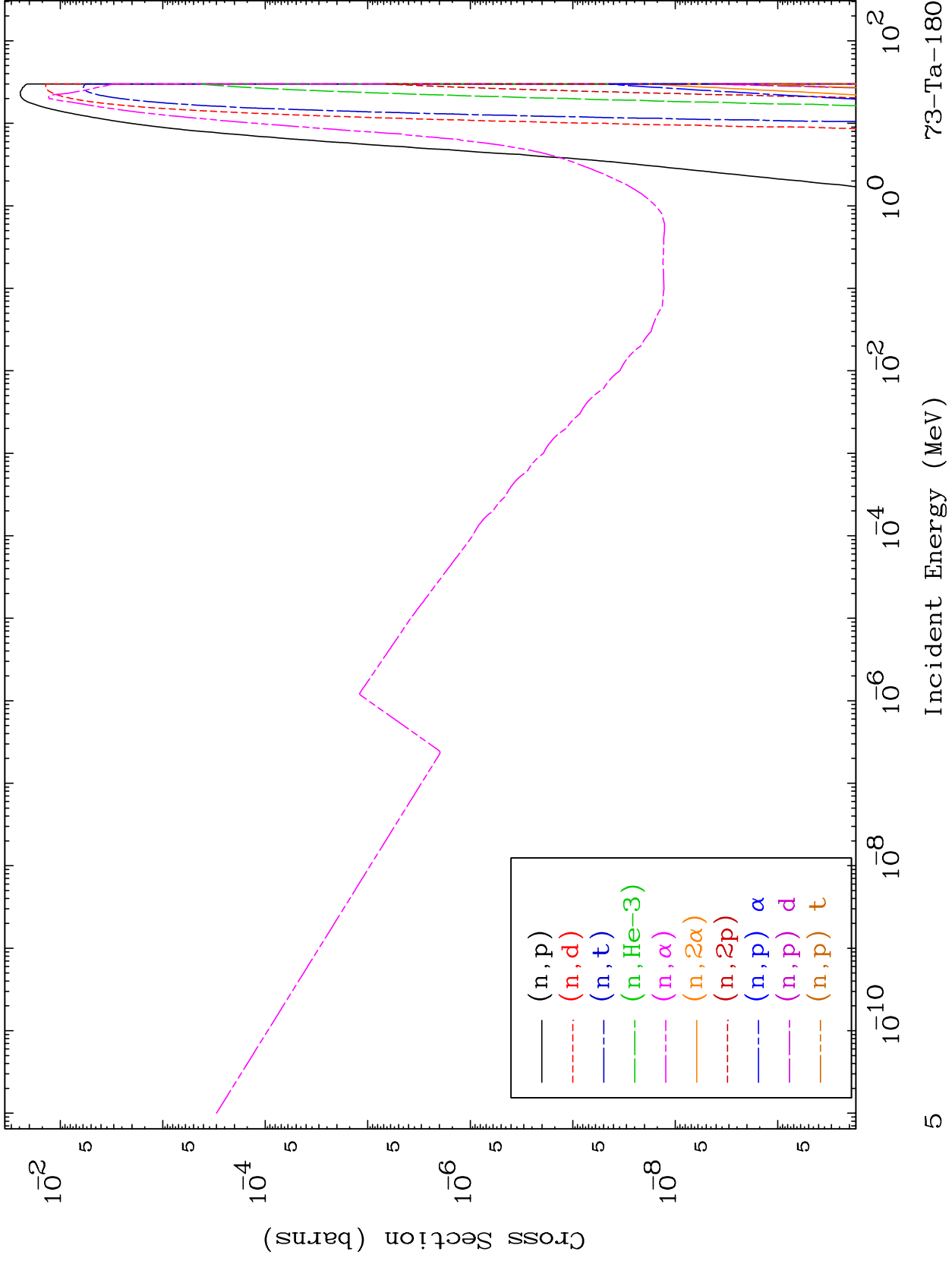
73-Ta-180



MAT 7326

Charged Particle
293 Kelvin Cross Sections

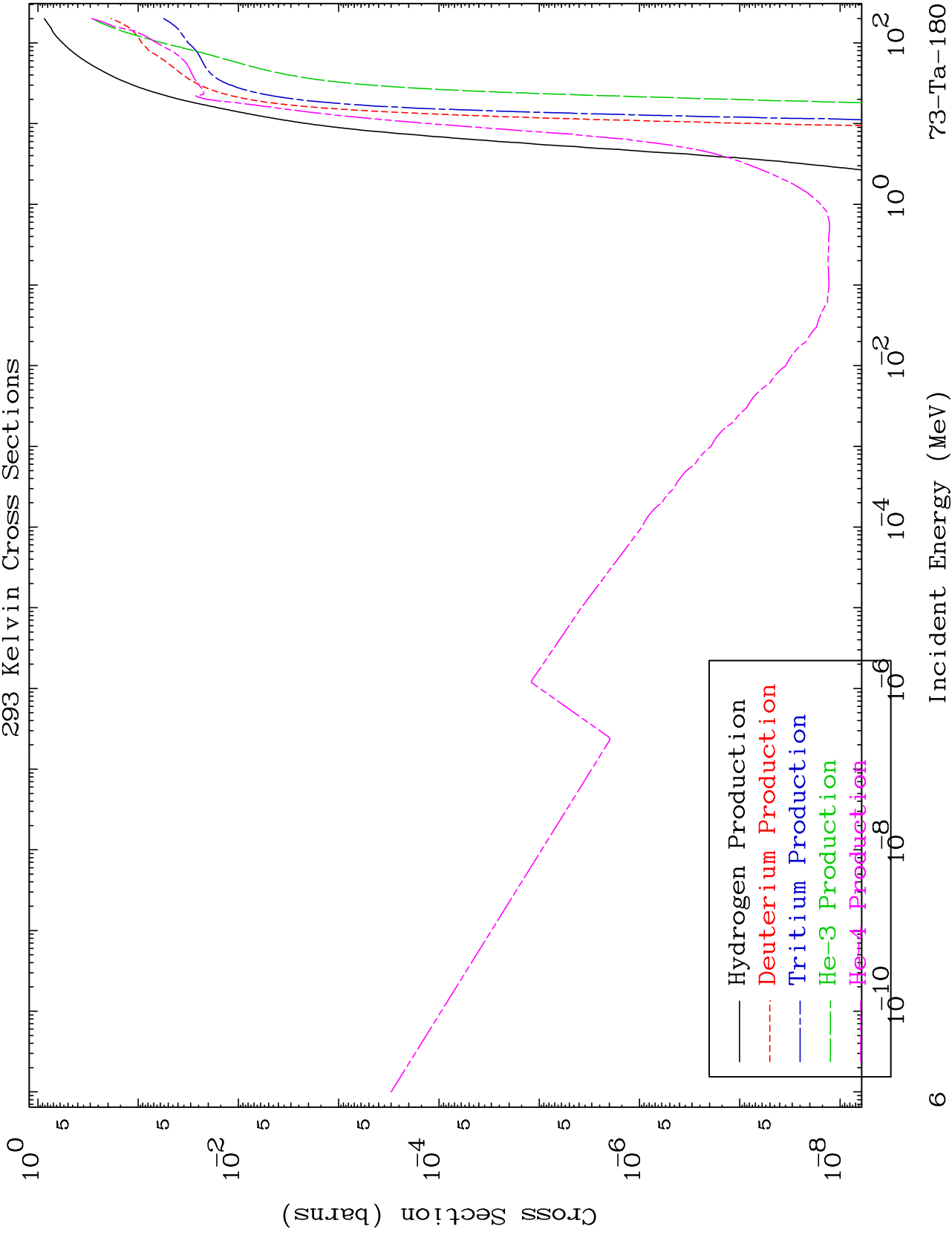
73-Ta-180



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Particle Production
293 Kelvin Cross Sections

73-Ta-180

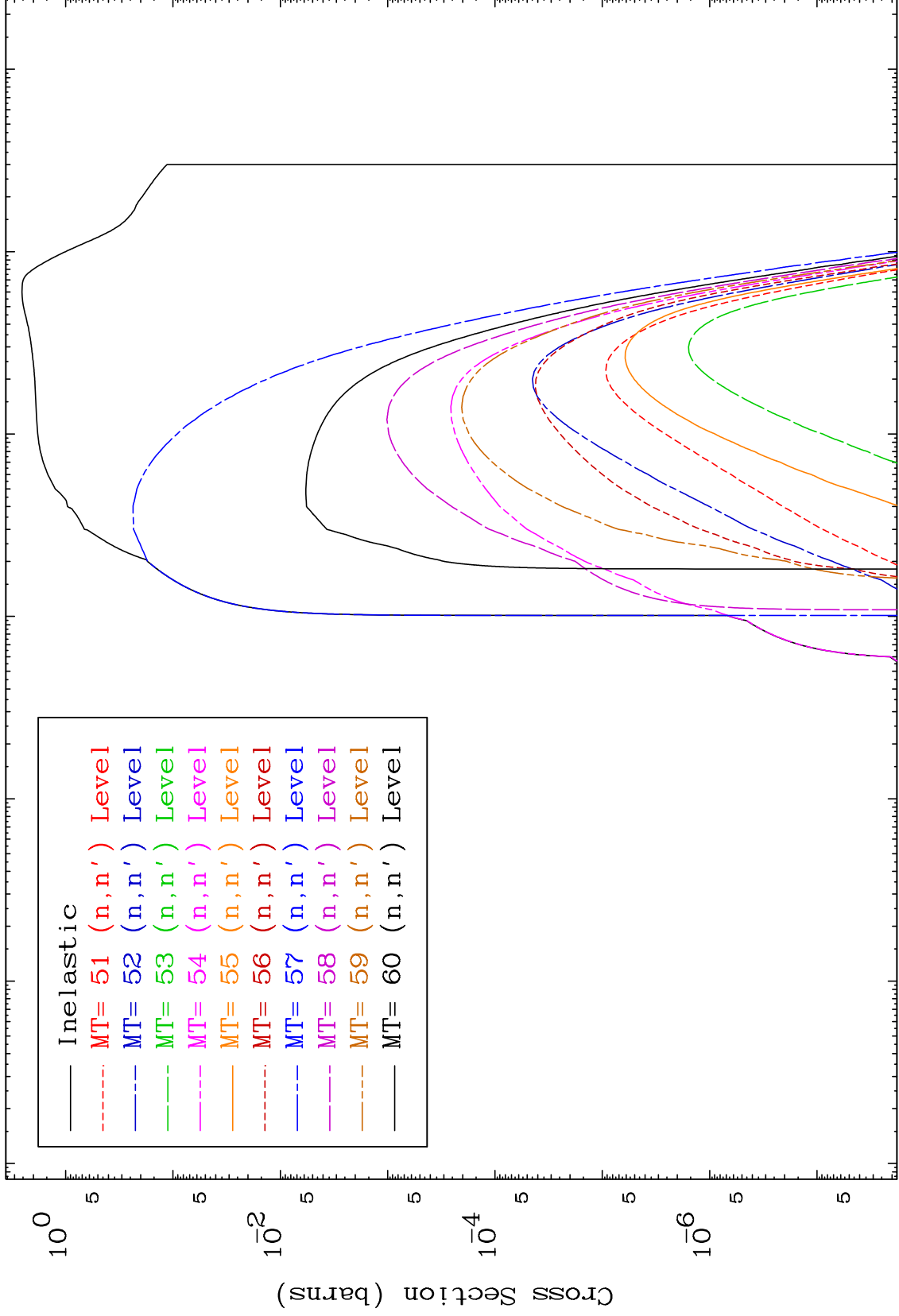


MAT 7326

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



73-Ta-180

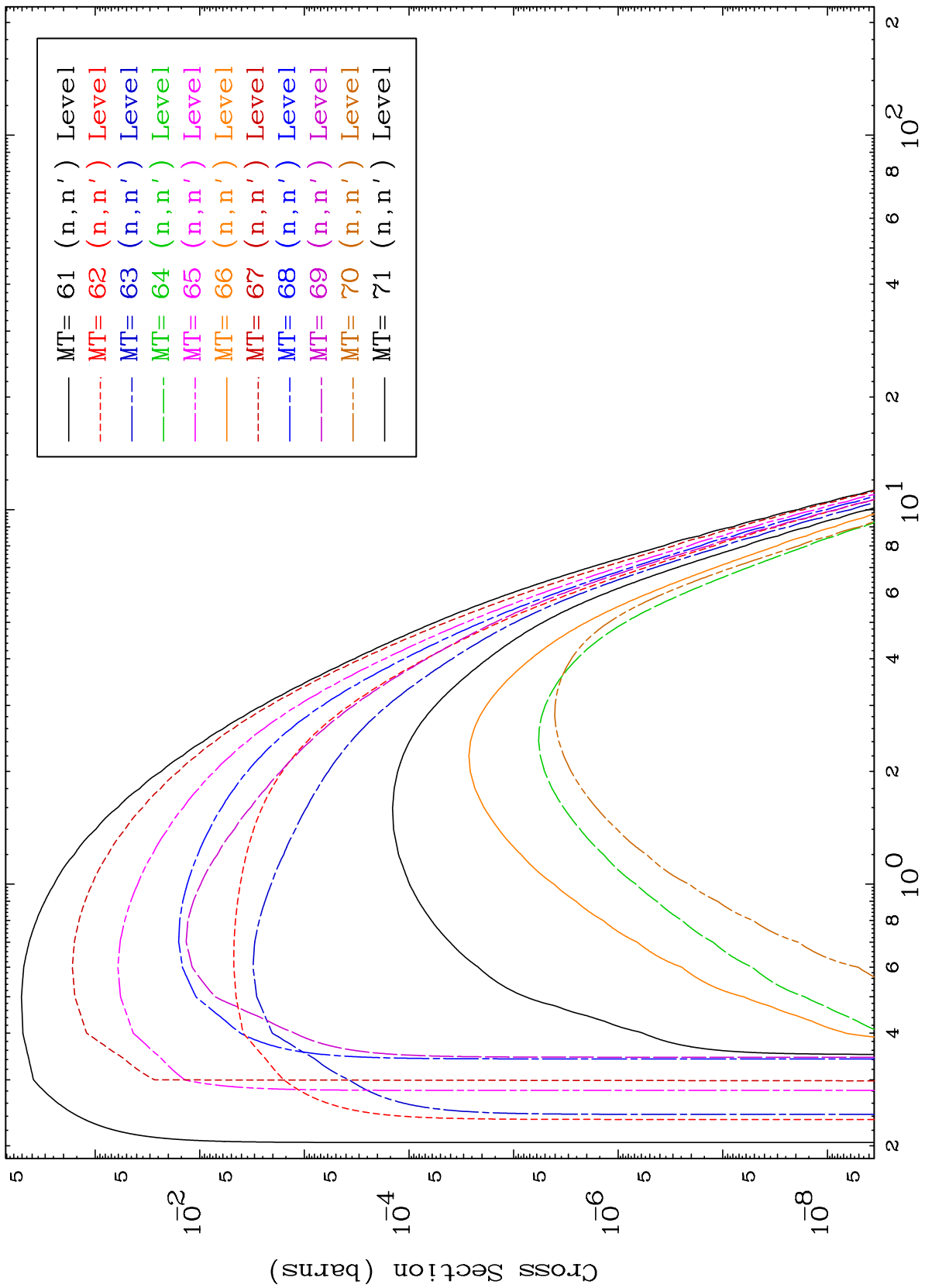
Incident Energy (MeV)

MAT 7326

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-180

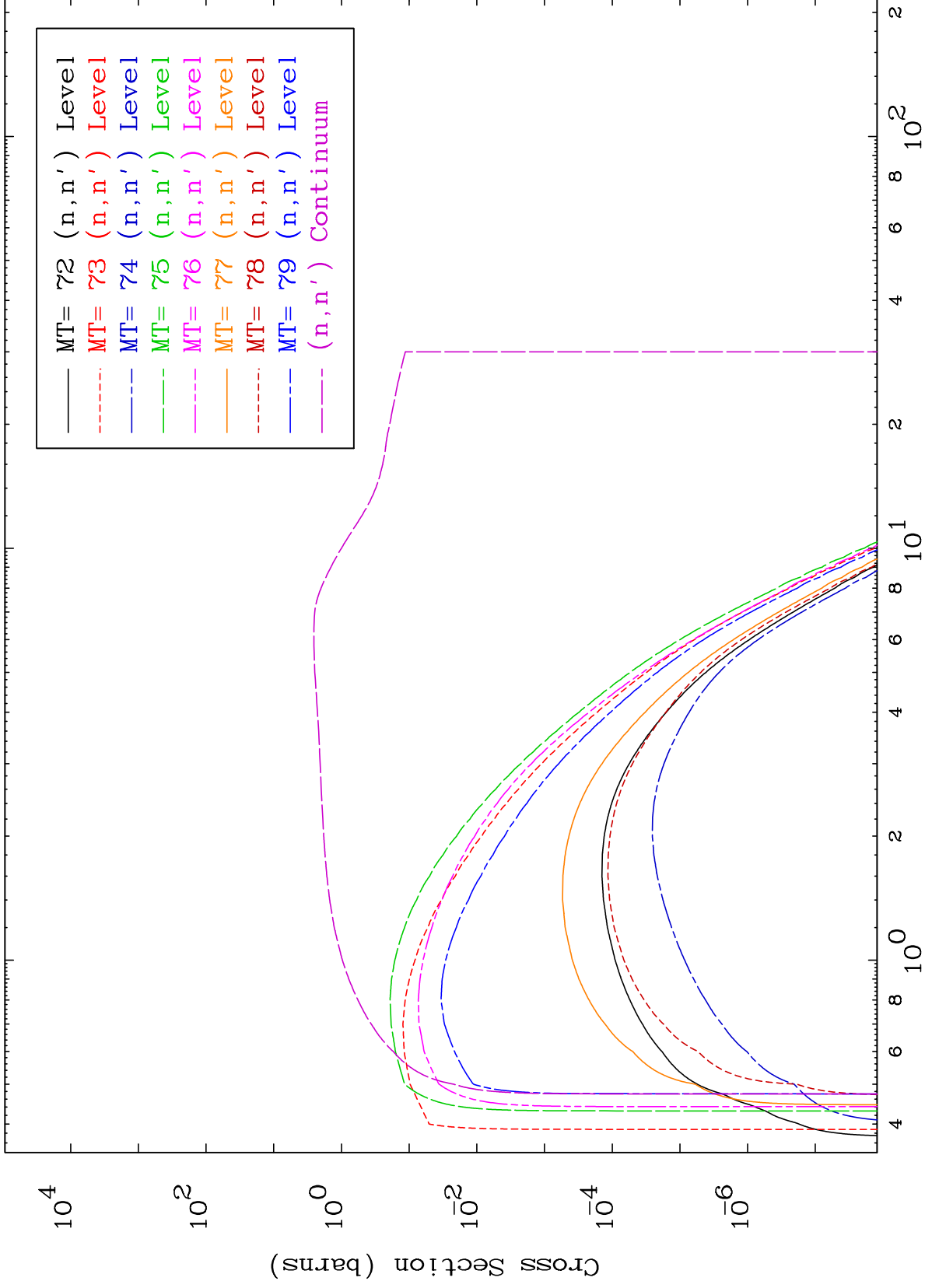
8

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(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



9

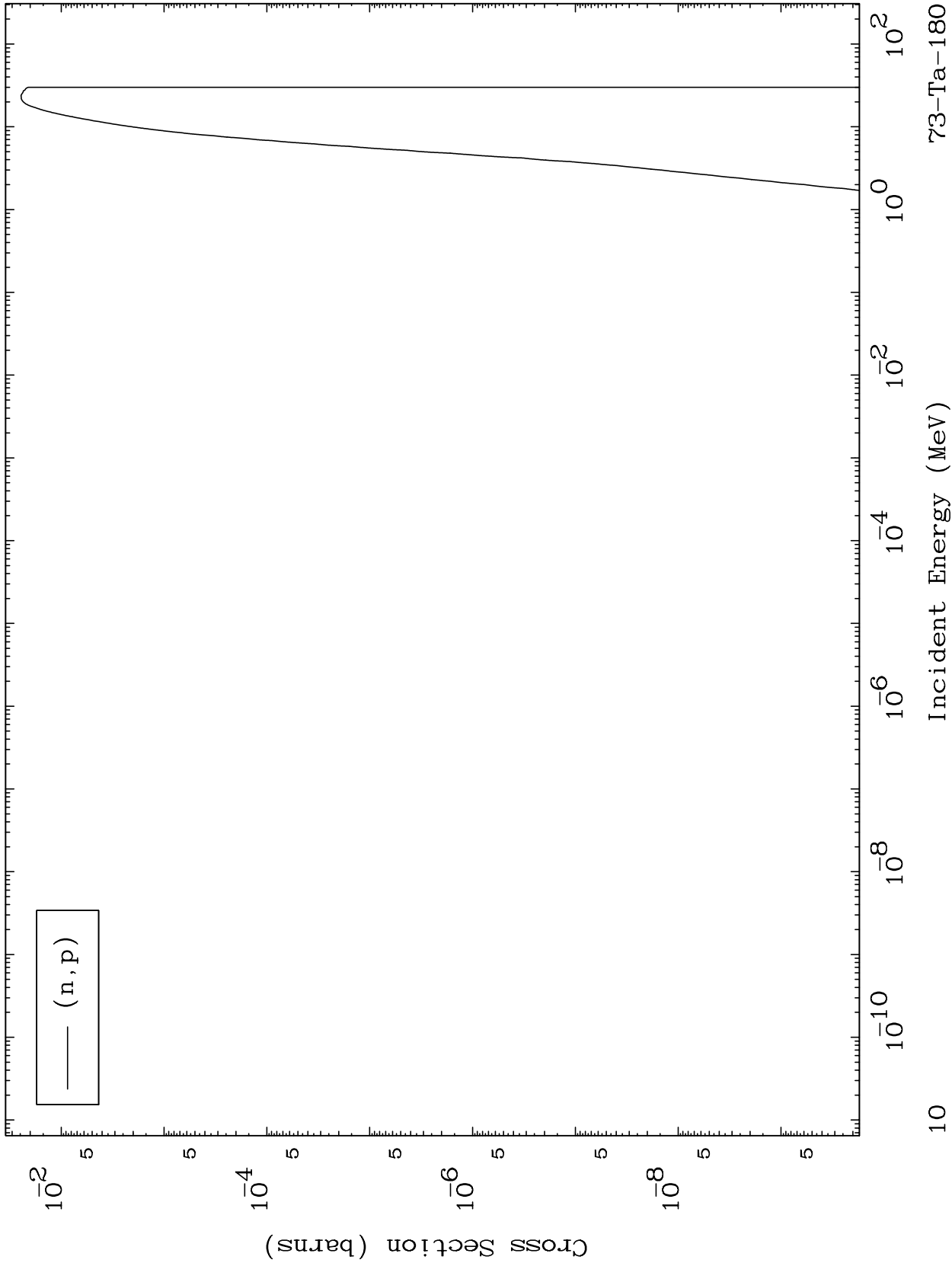
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-180



10

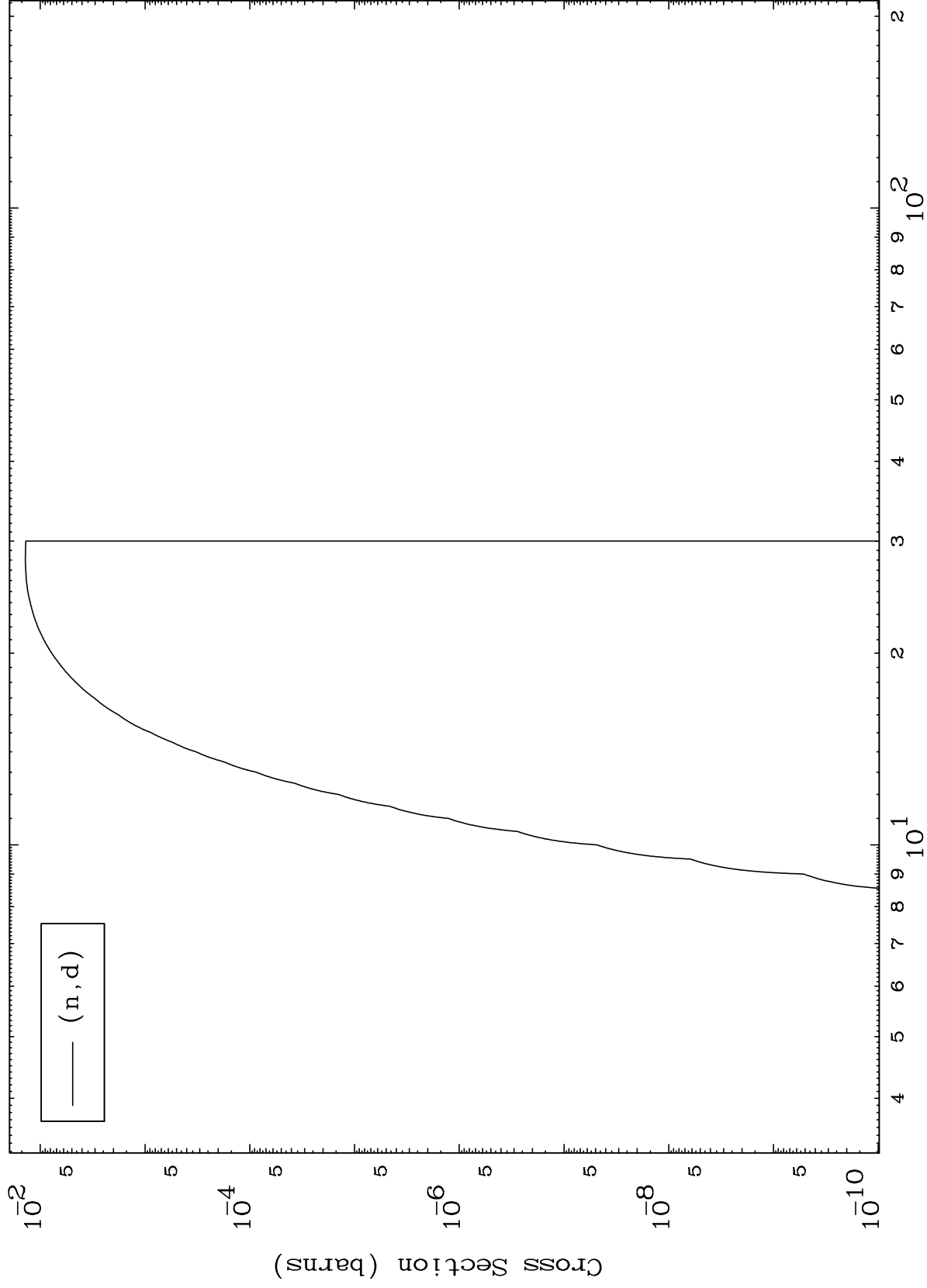
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-180



11

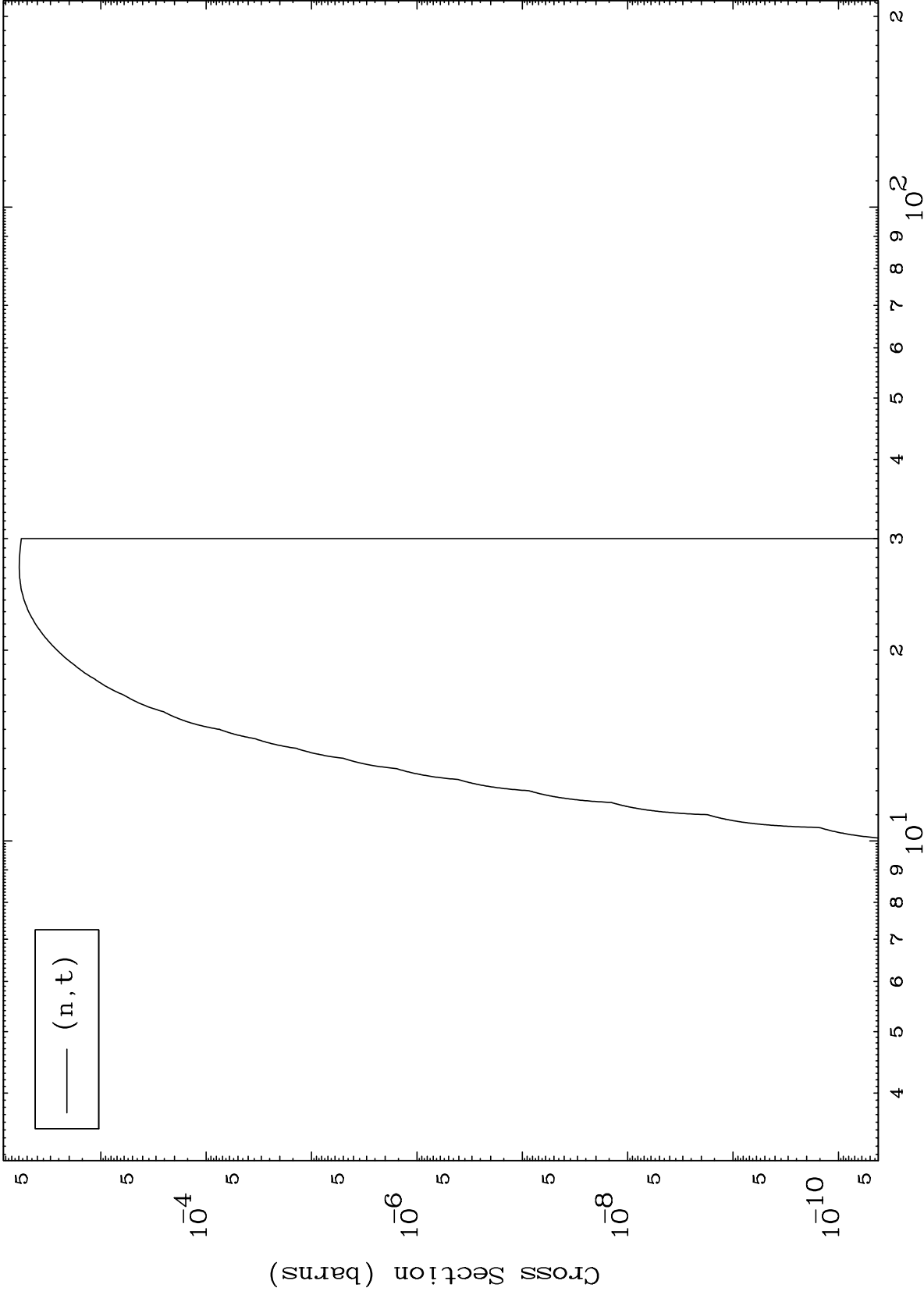
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-180



12

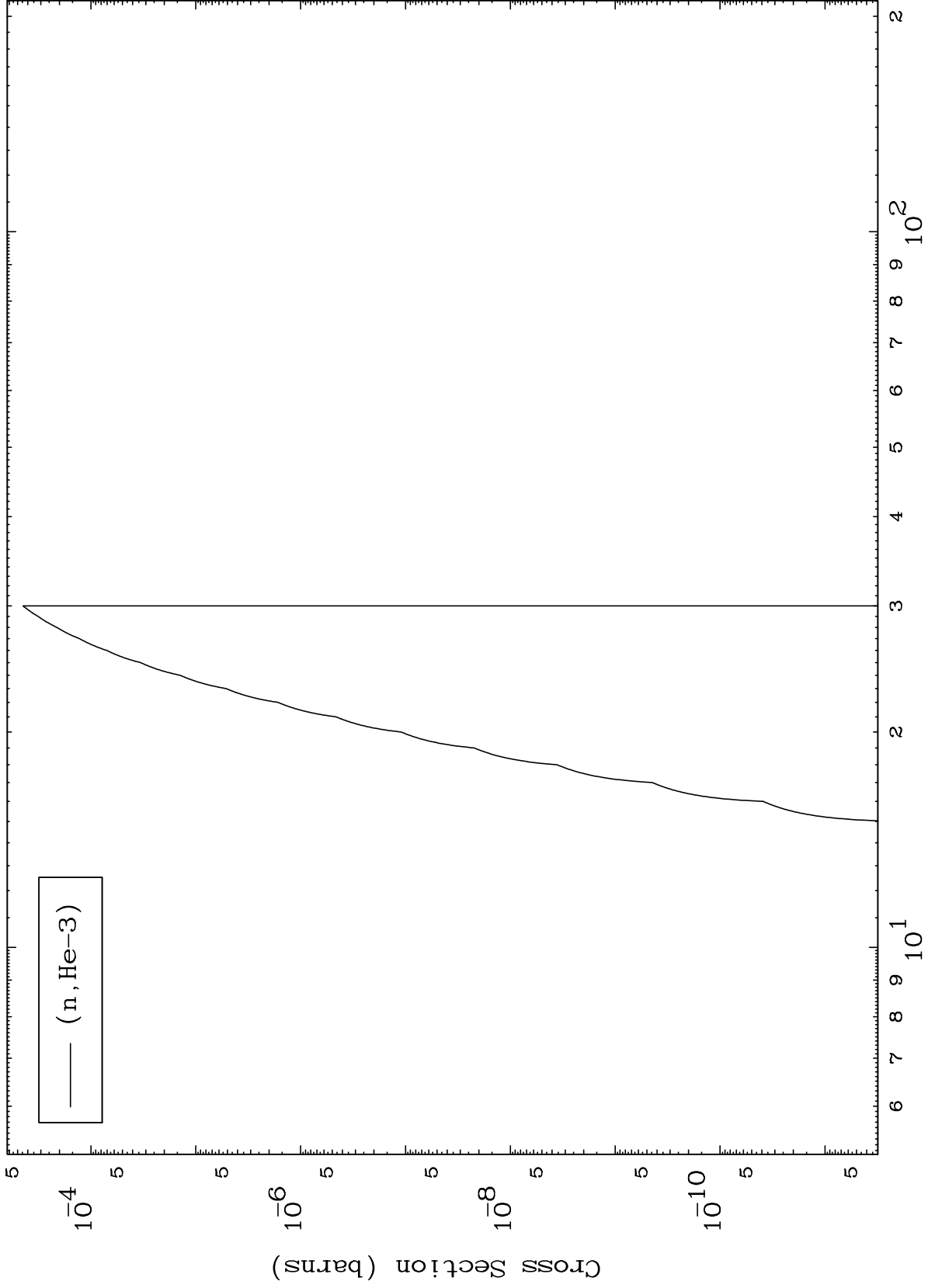
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,He3) Levels
293 Kelvin Cross Sections

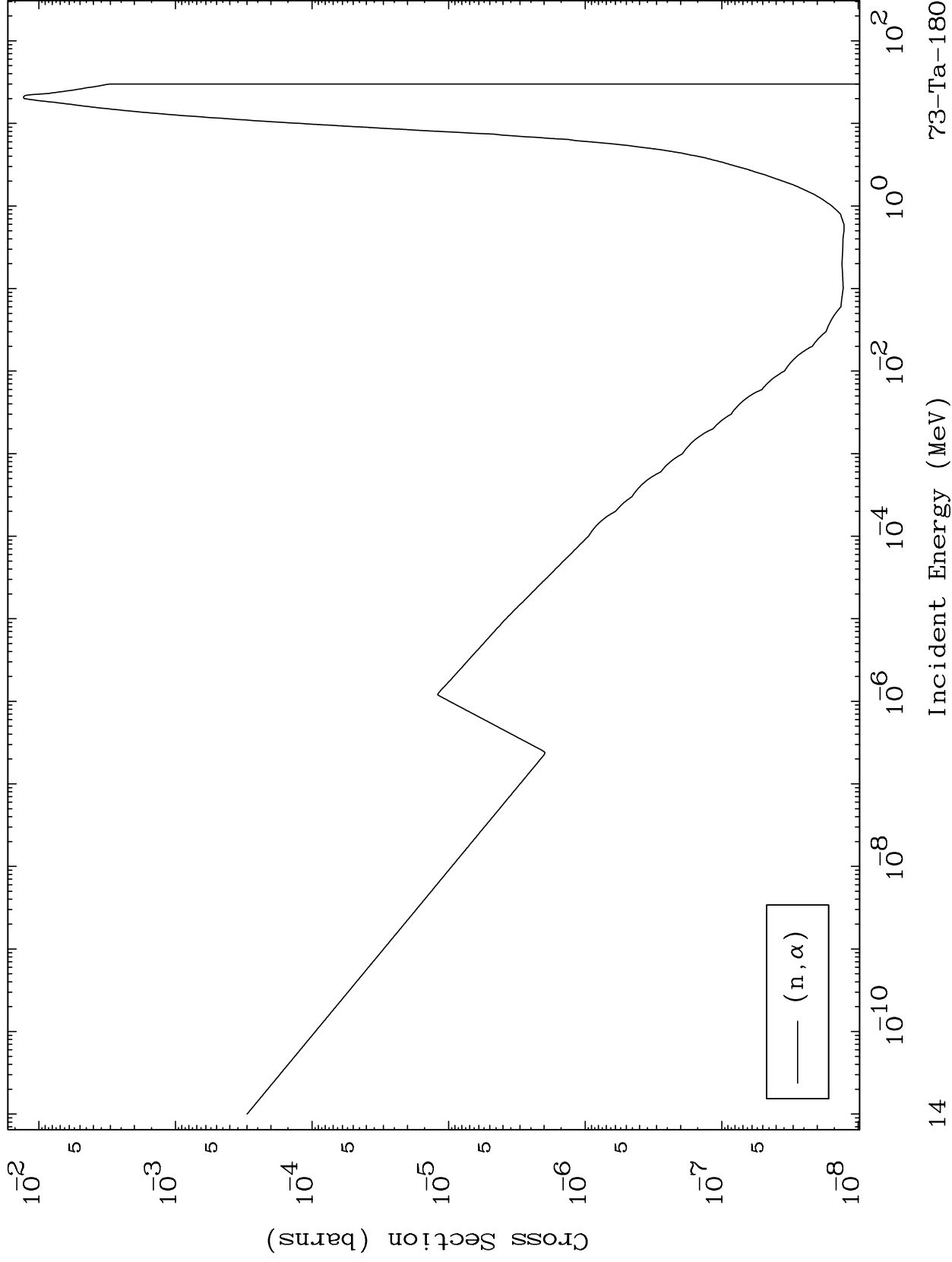
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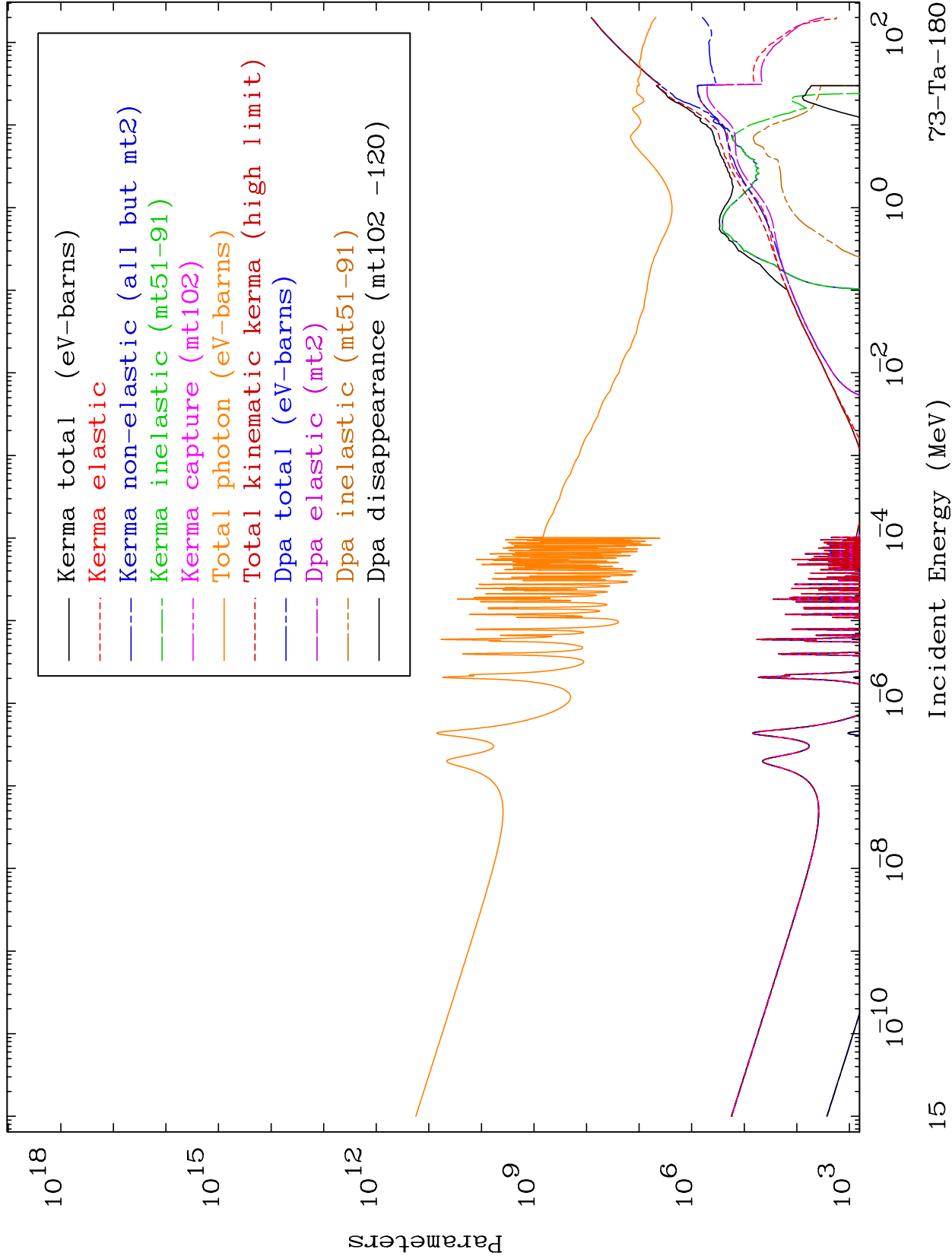


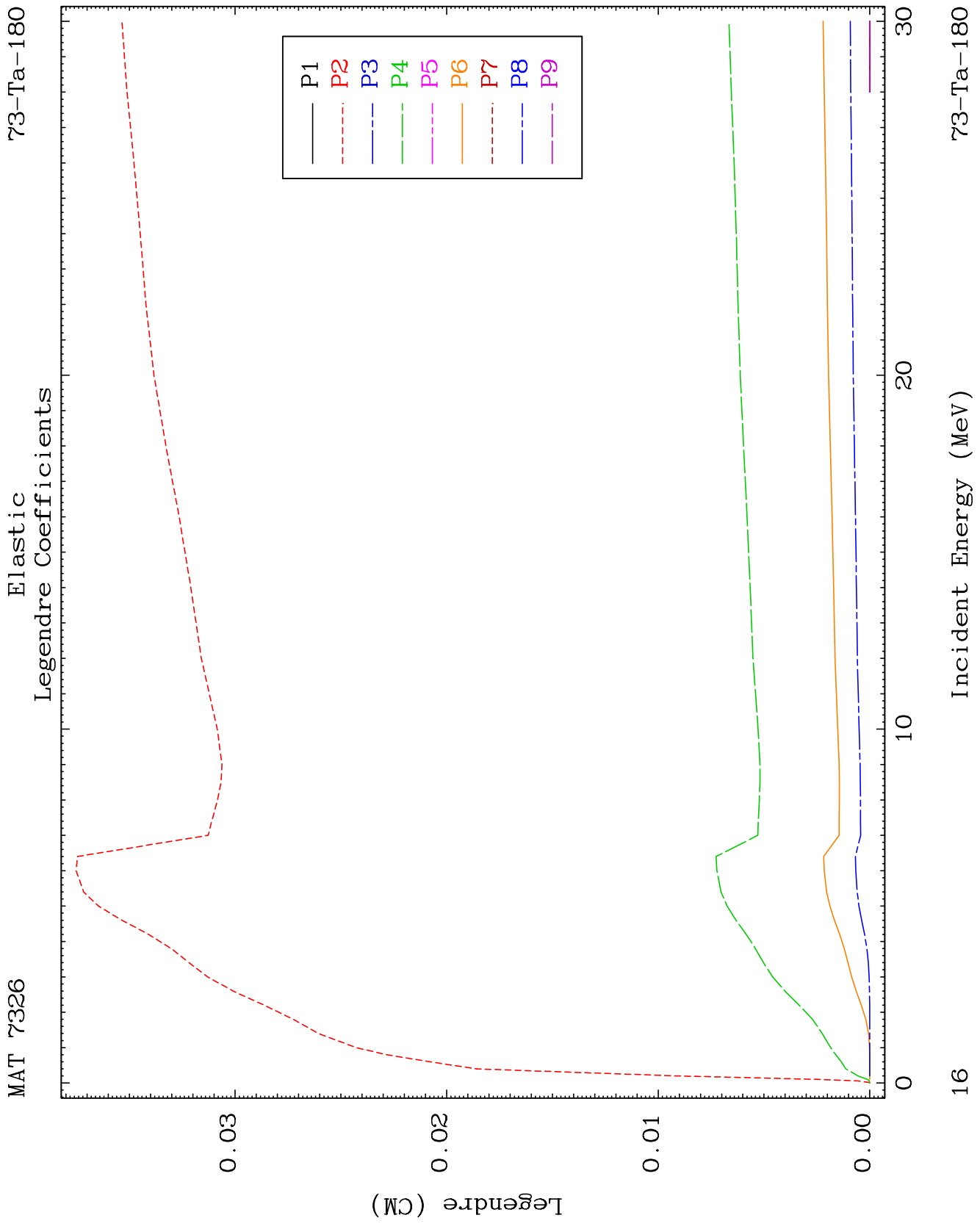
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(n, α) Levels
293 Kelvin Cross Sections

73-Ta-180



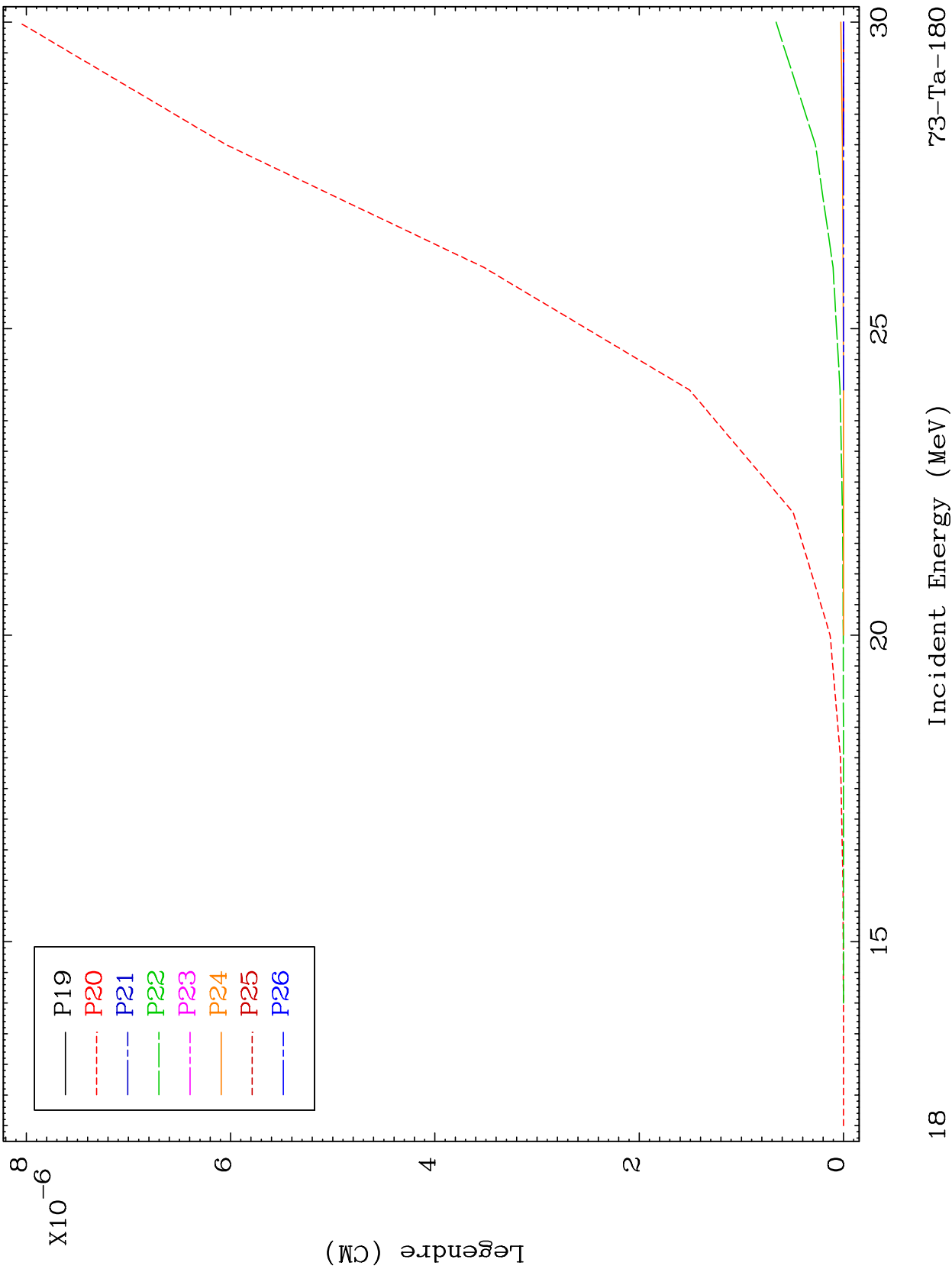




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Elastic
Legendre Coefficients

73-Ta-180



18

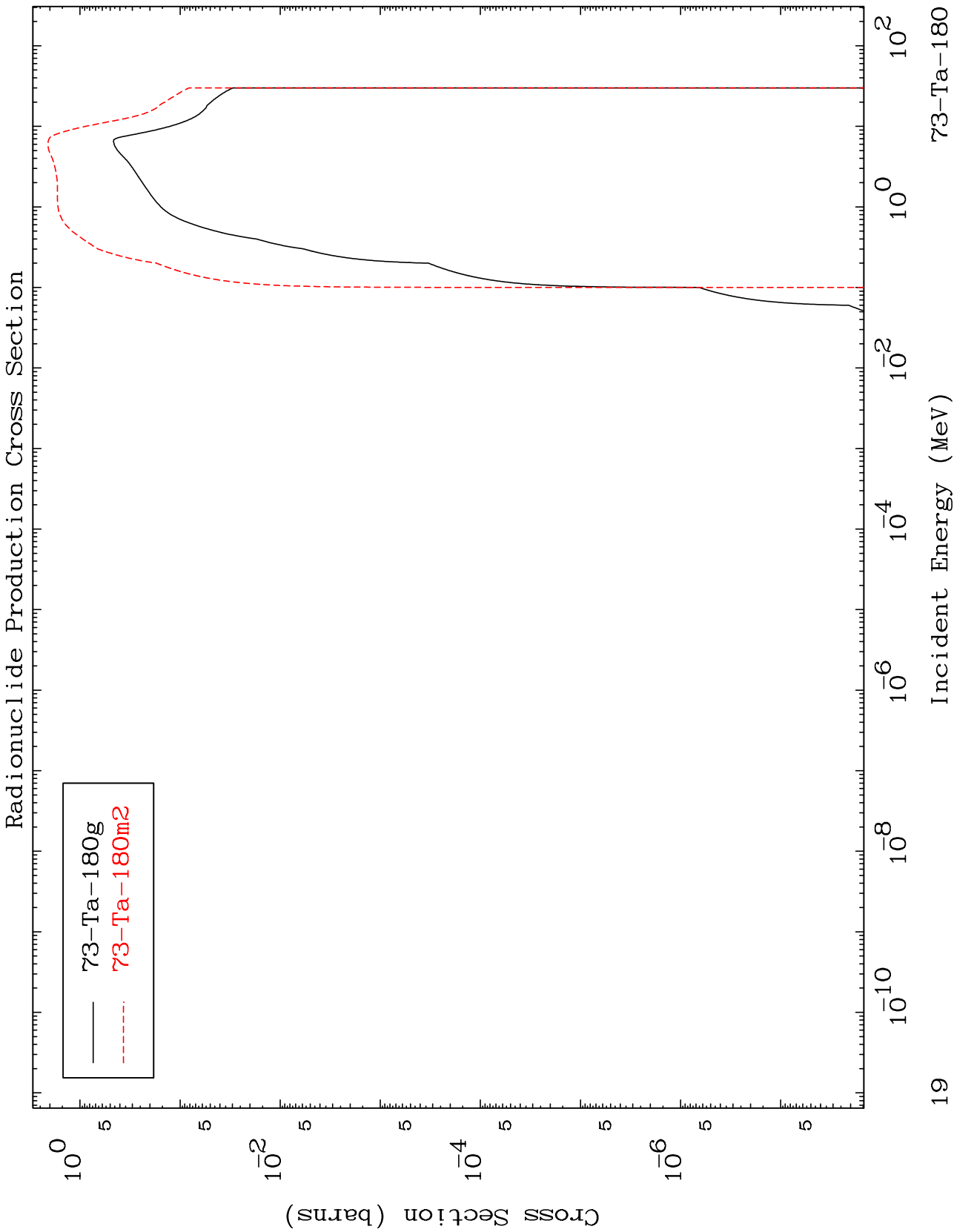
Incident Energy (MeV)

73-Ta-180

MAT 7326

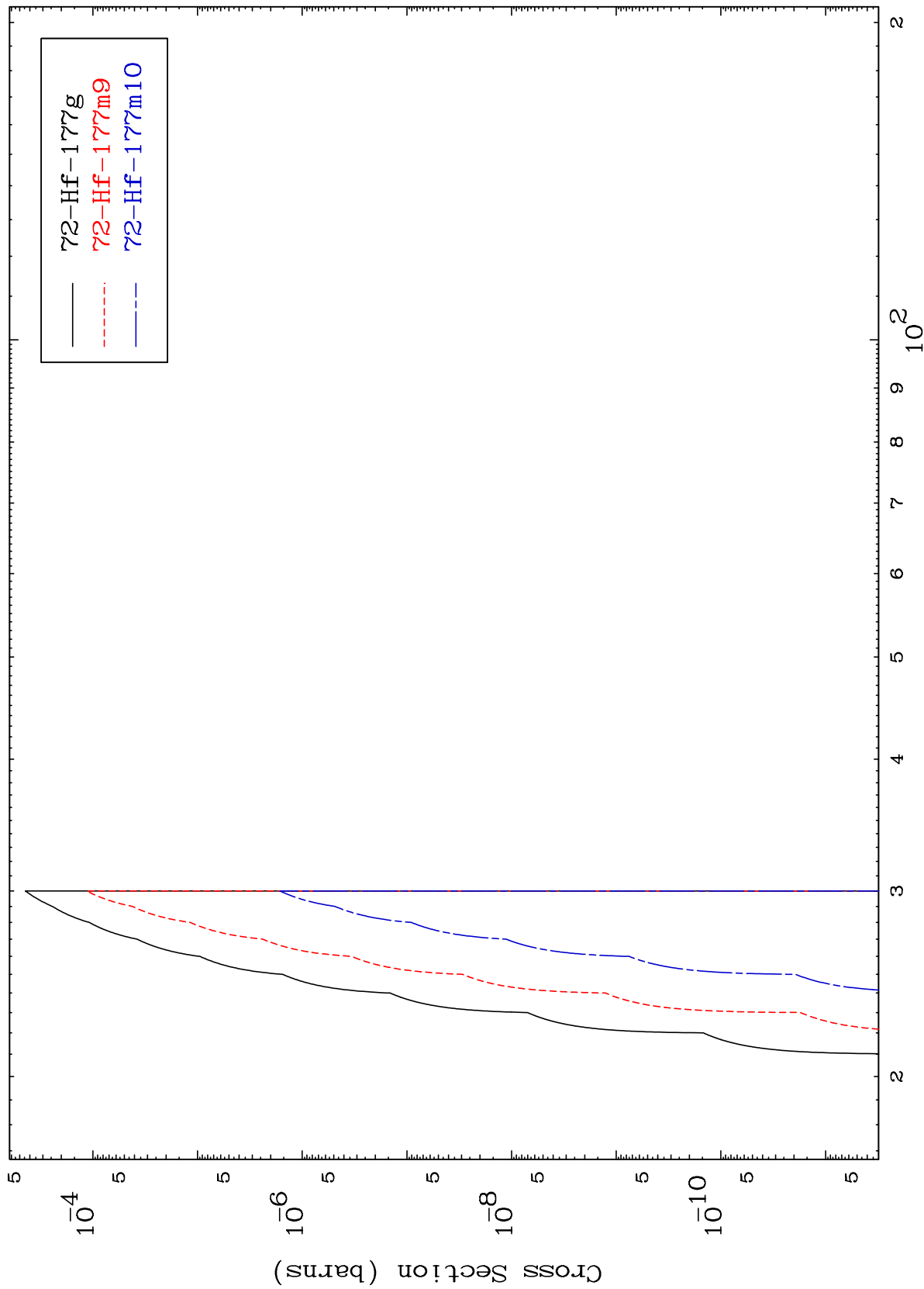
⁷³Ta-180

Inelastic
Radionuclide Production Cross Section



— ⁷³Ta-180g
- - - ⁷³Ta-180m2

Radionuclide Production Cross Section

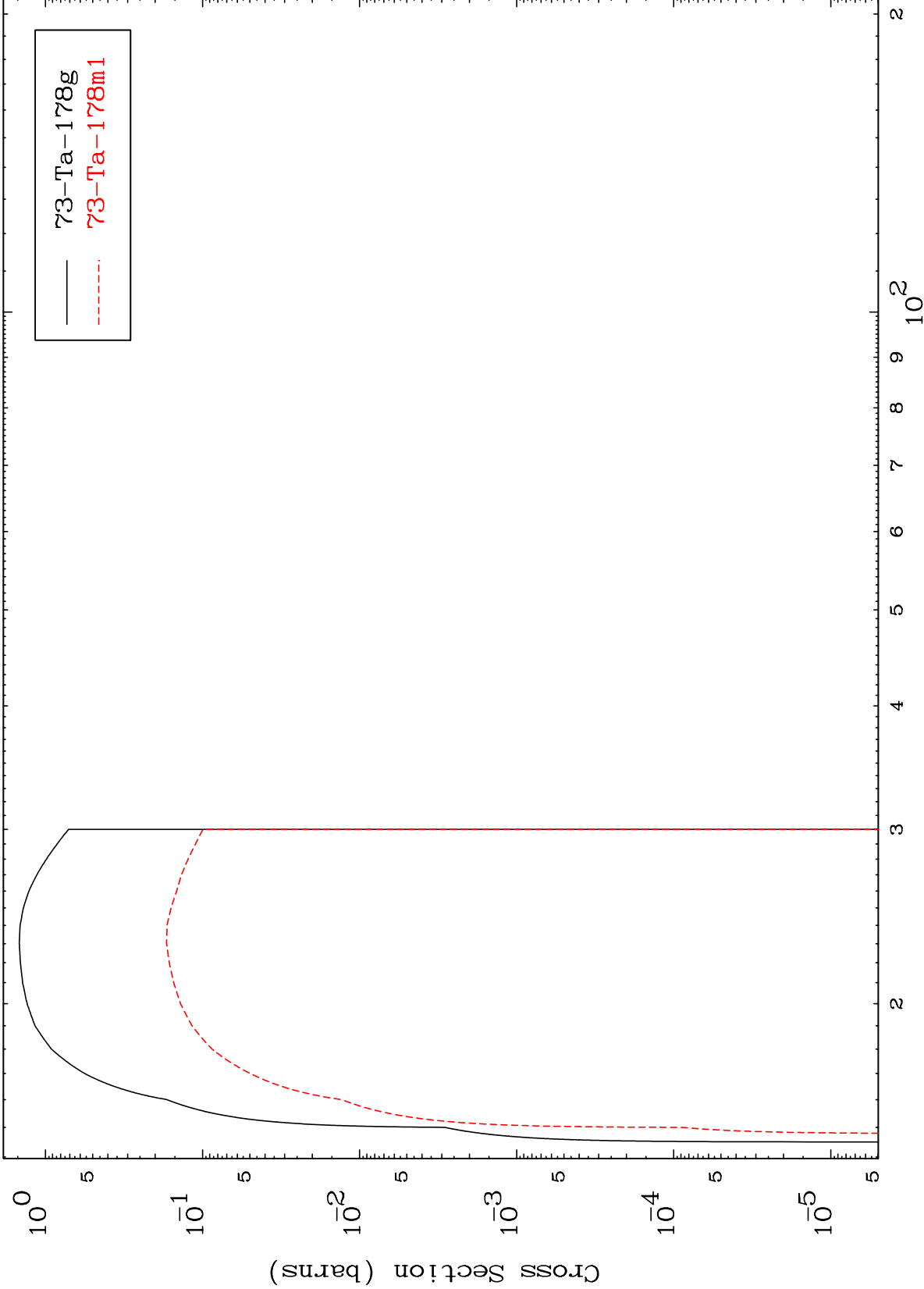


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(n,3n)

⁷³Ta-180

Radionuclide Production Cross Section

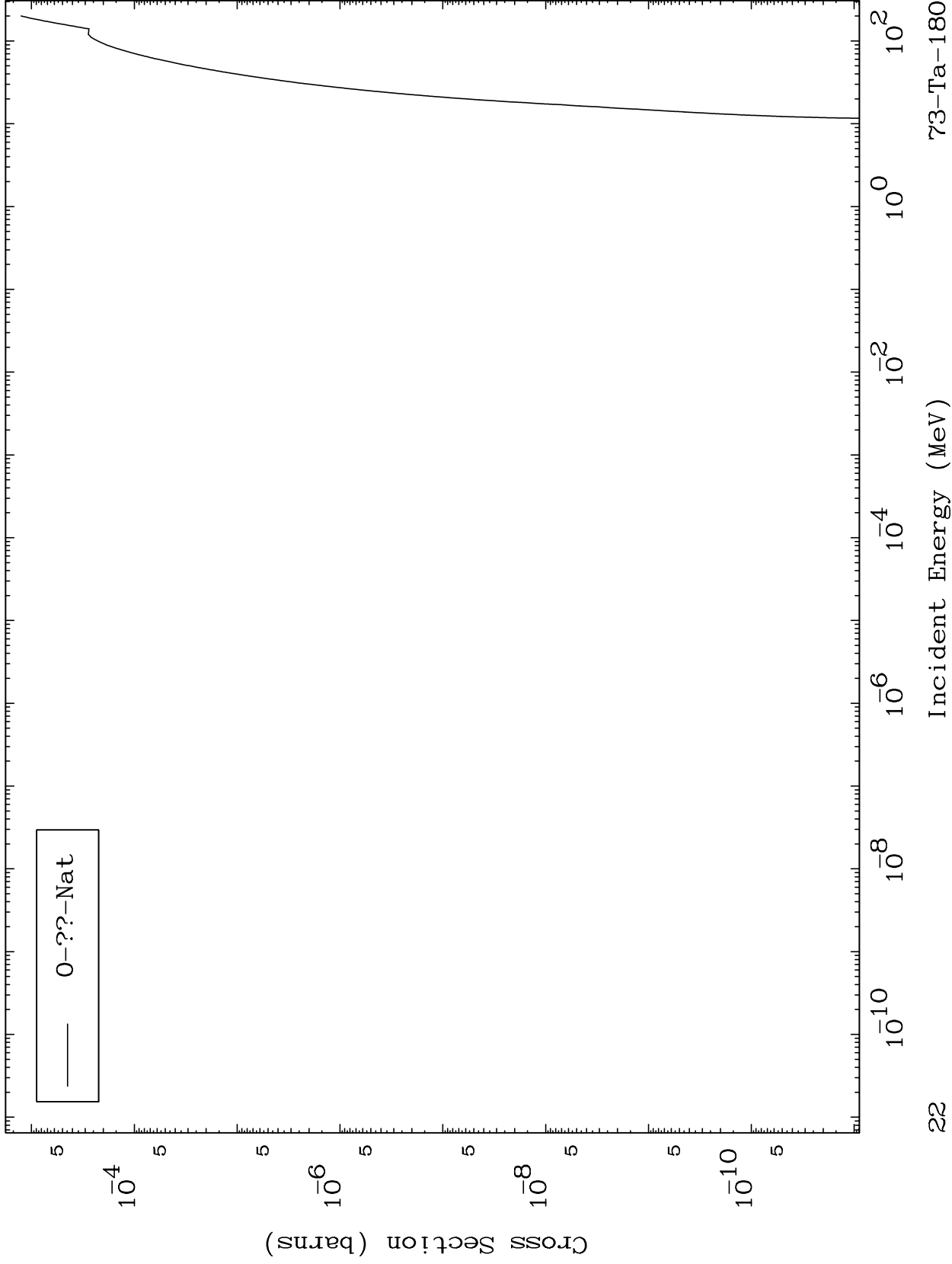


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Fission

⁷³Ta-180

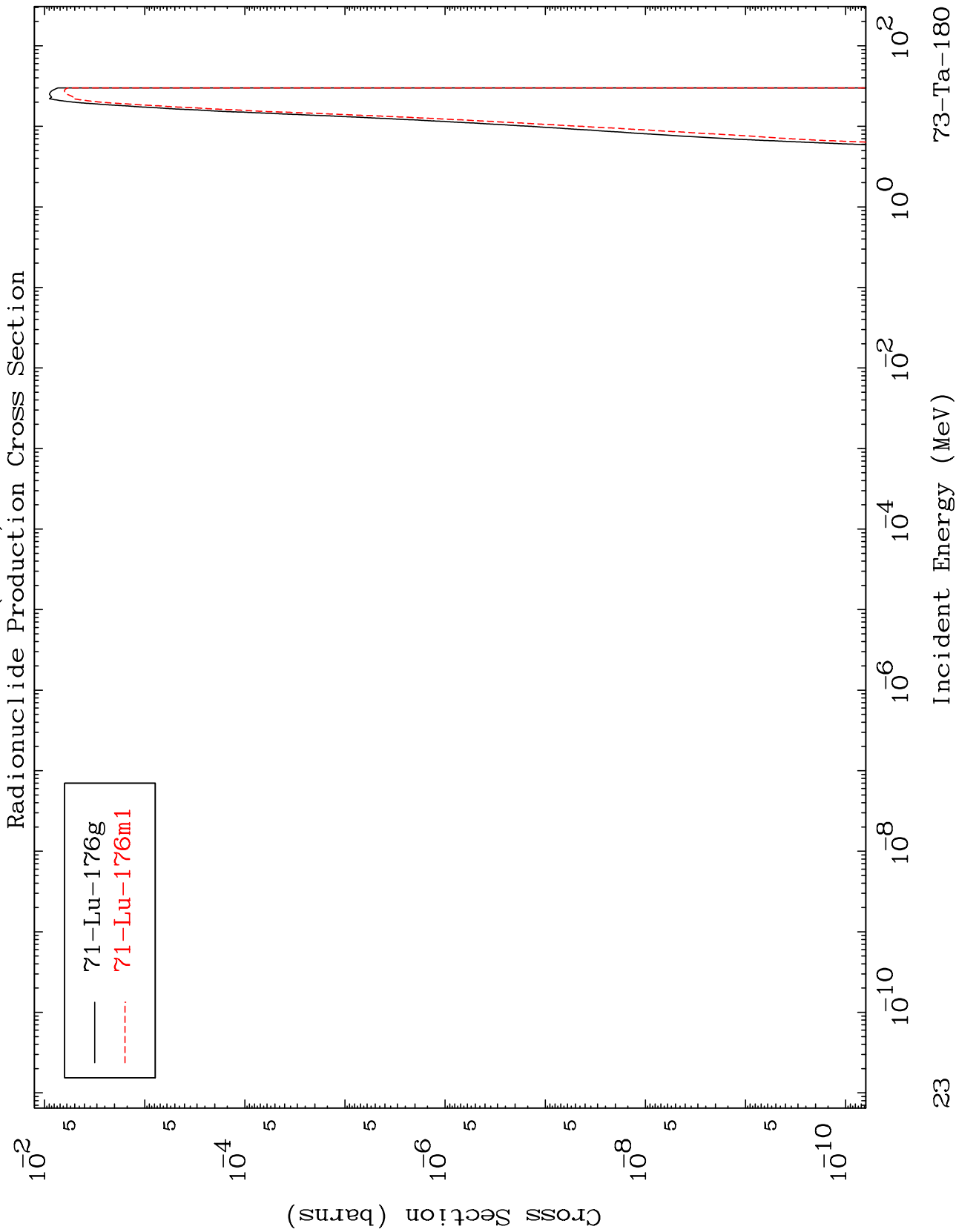
Radionuclide Production Cross Section



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$(n, n') \alpha$

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

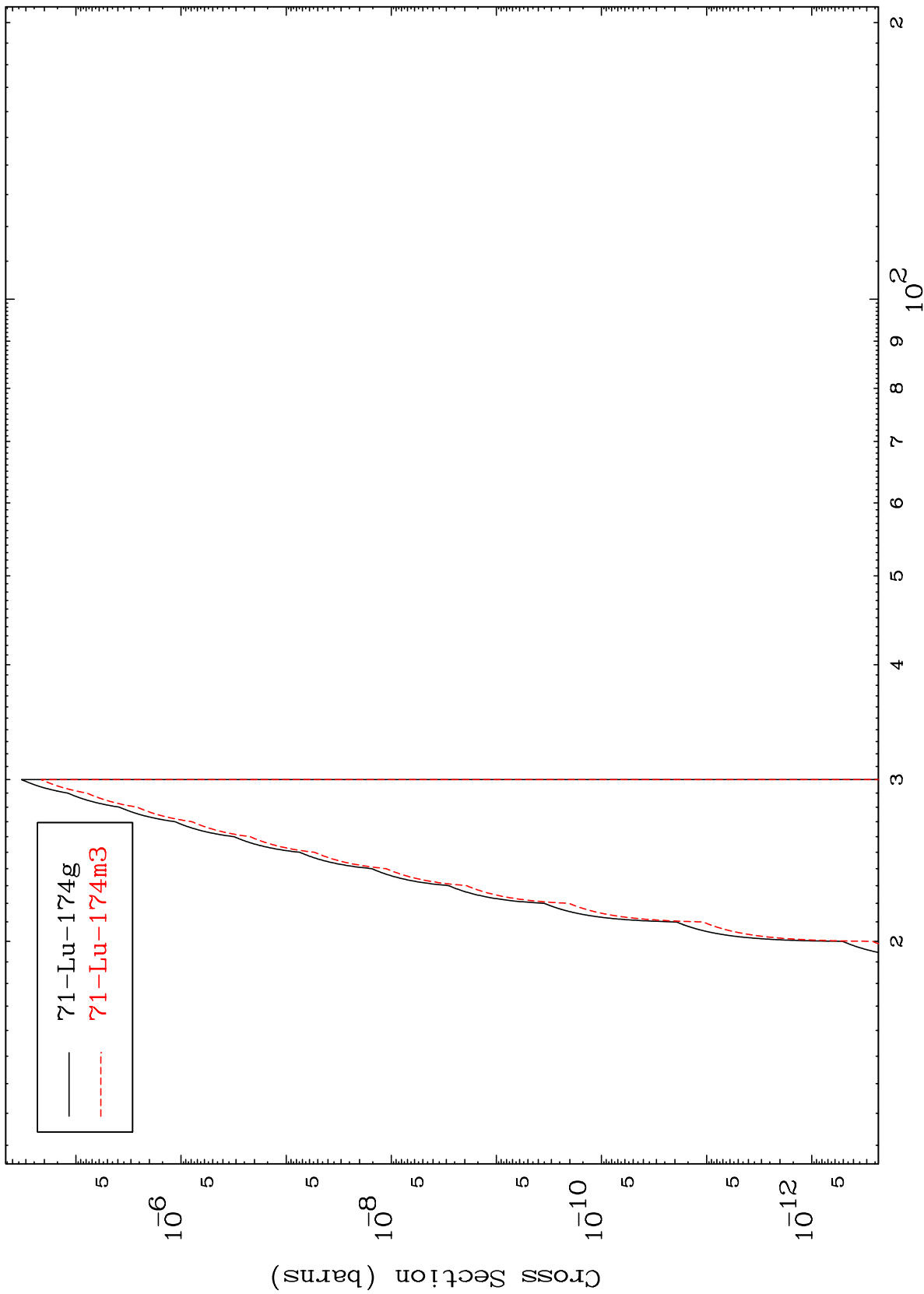


MAT 7326

(n,3n) α

⁷³Ta-180

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷³Ta-180

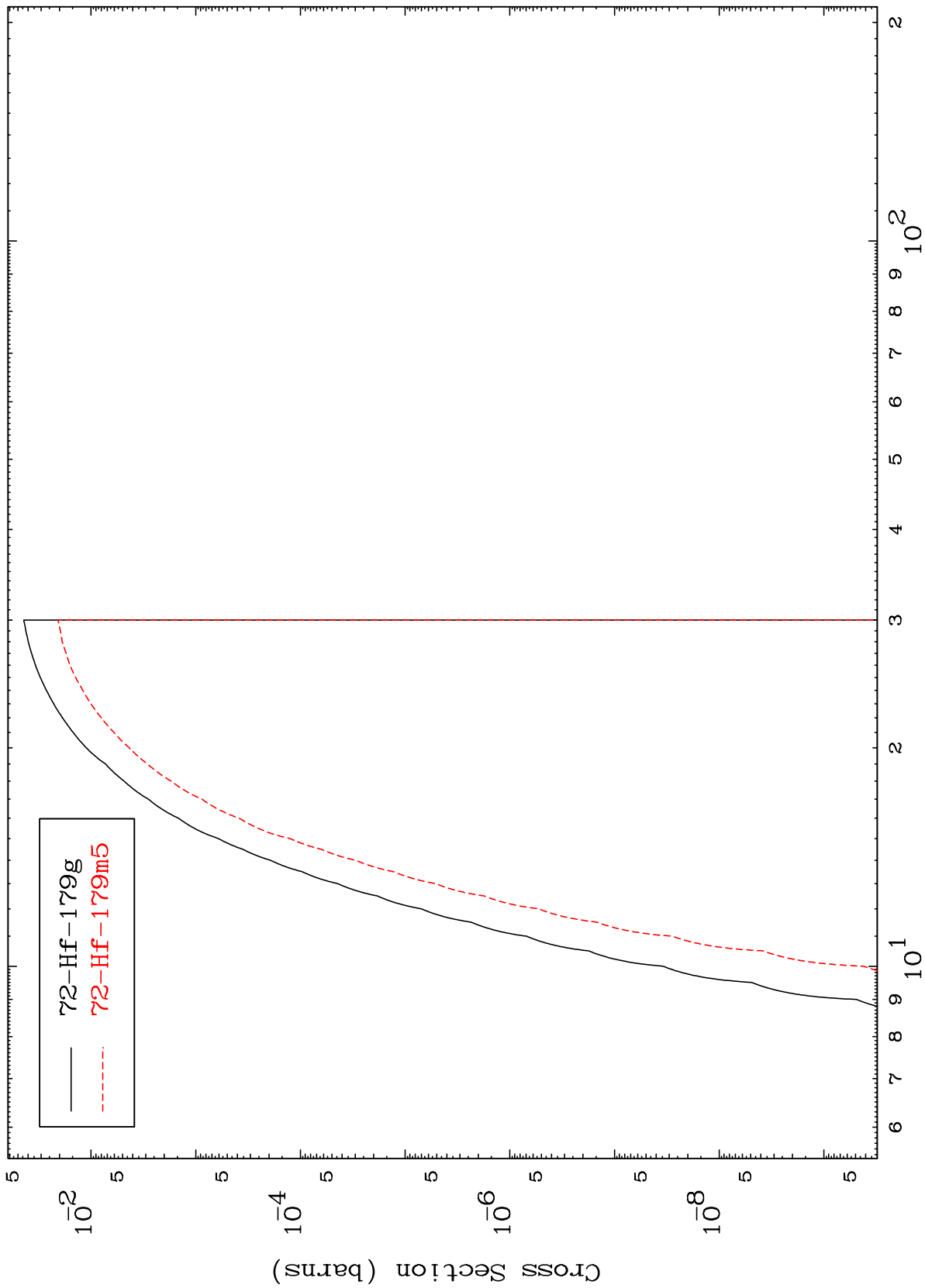
24

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(n,n') p

73-Ta-180

Radionuclide Production Cross Section



25

Incident Energy (MeV)

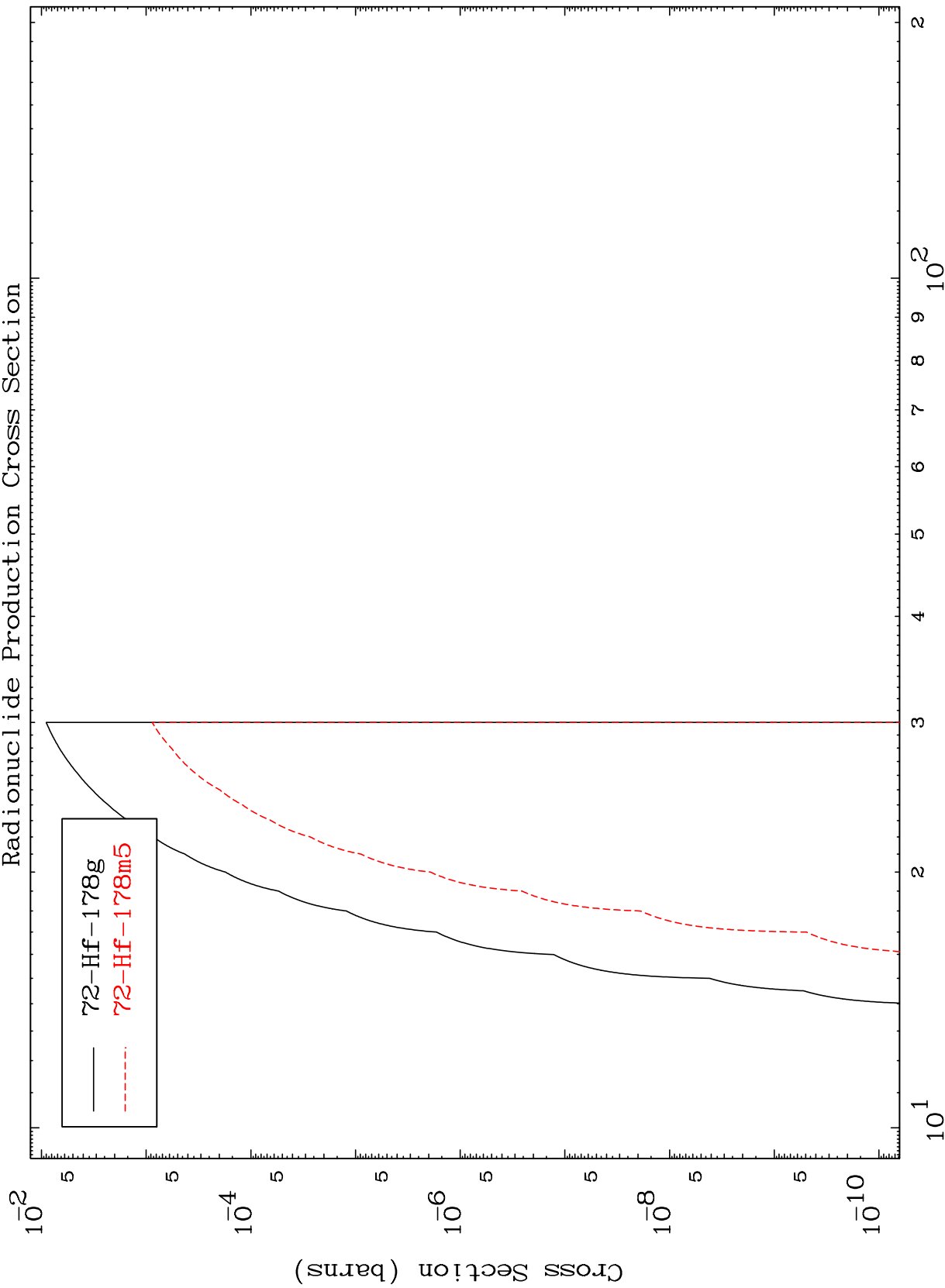
73-Ta-180

MAT 7326

(n,n') d

73-Ta-180

Radionuclide Production Cross Section

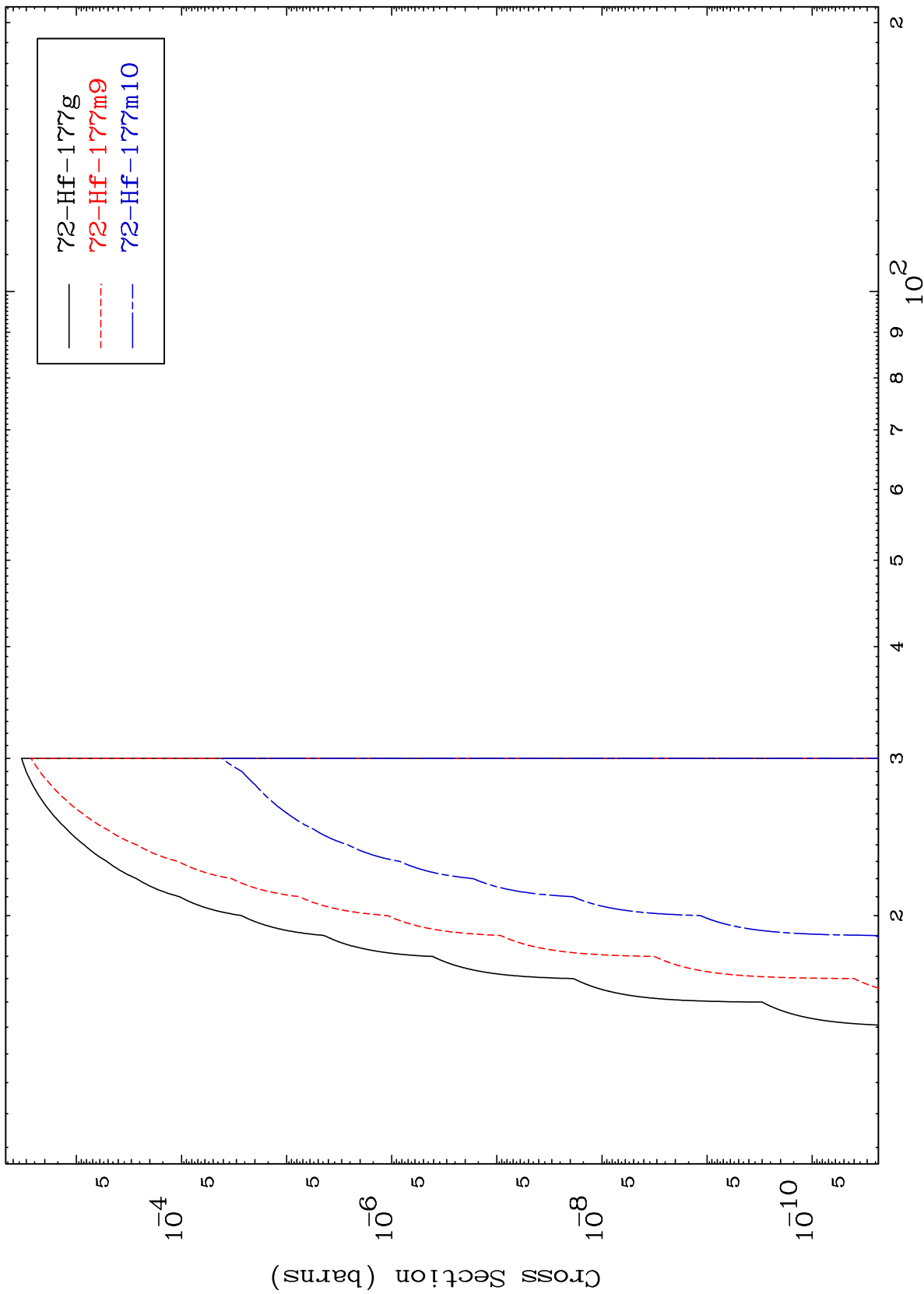


26

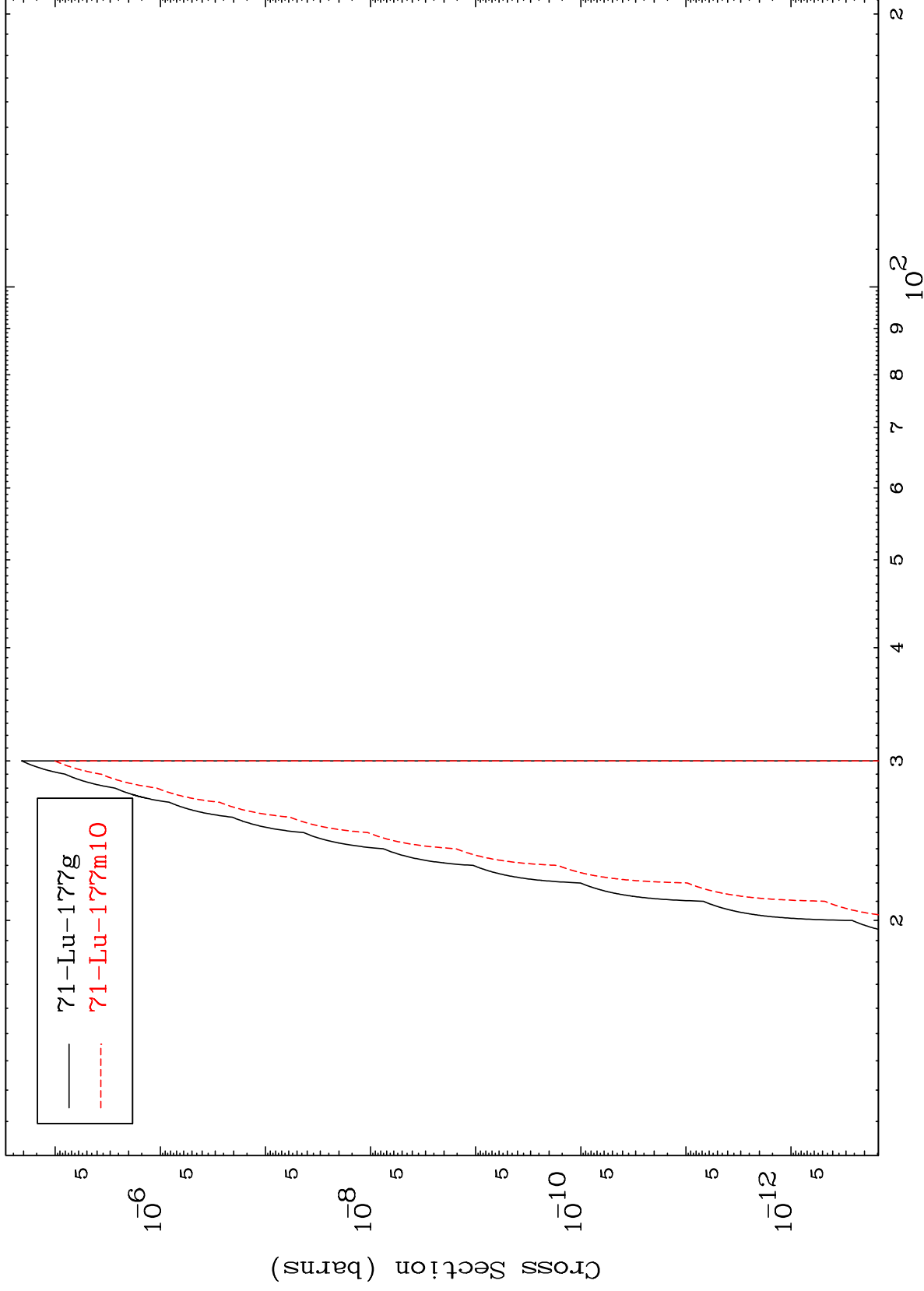
Incident Energy (MeV)

73-Ta-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

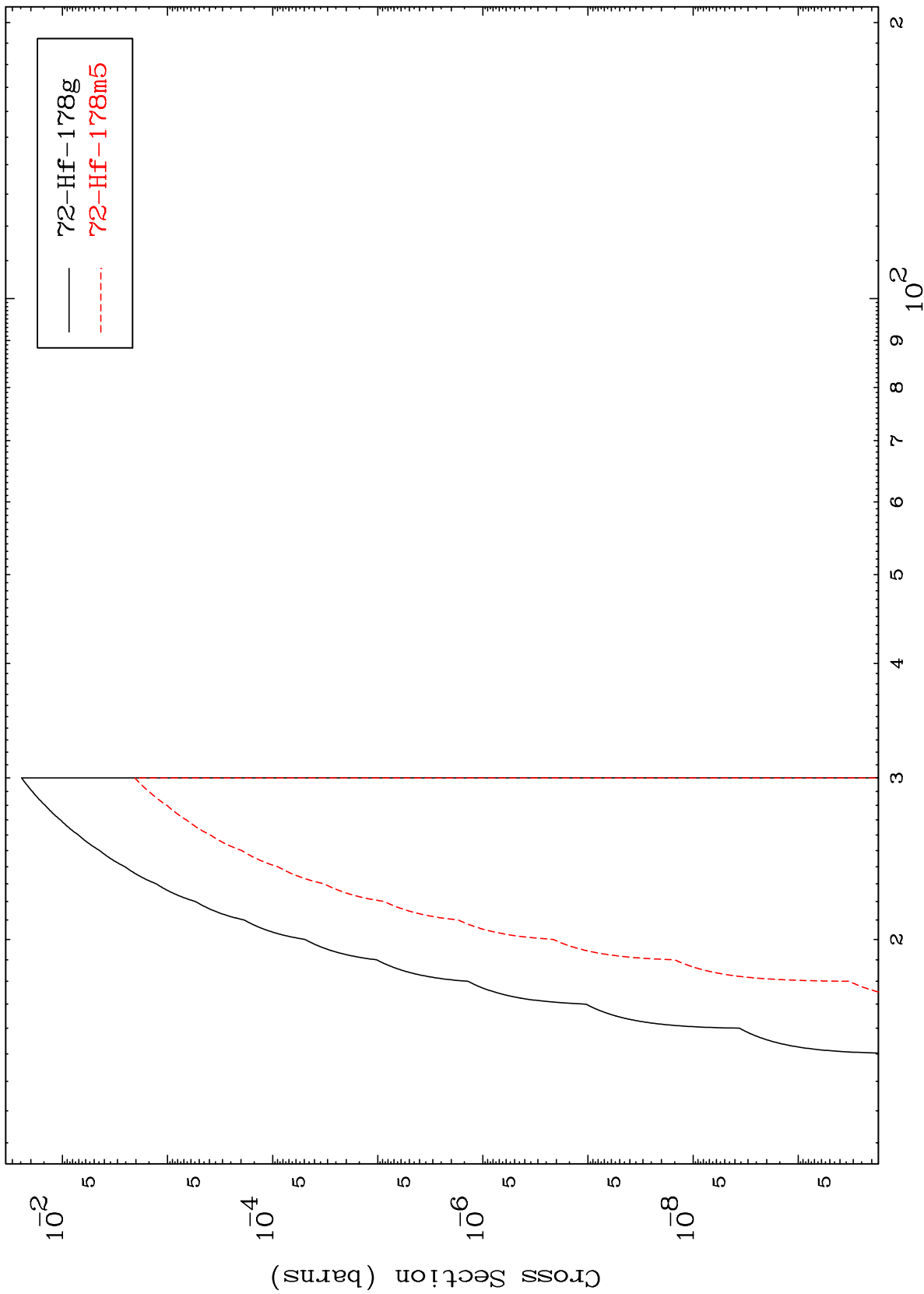


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(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



29

Incident Energy (MeV)

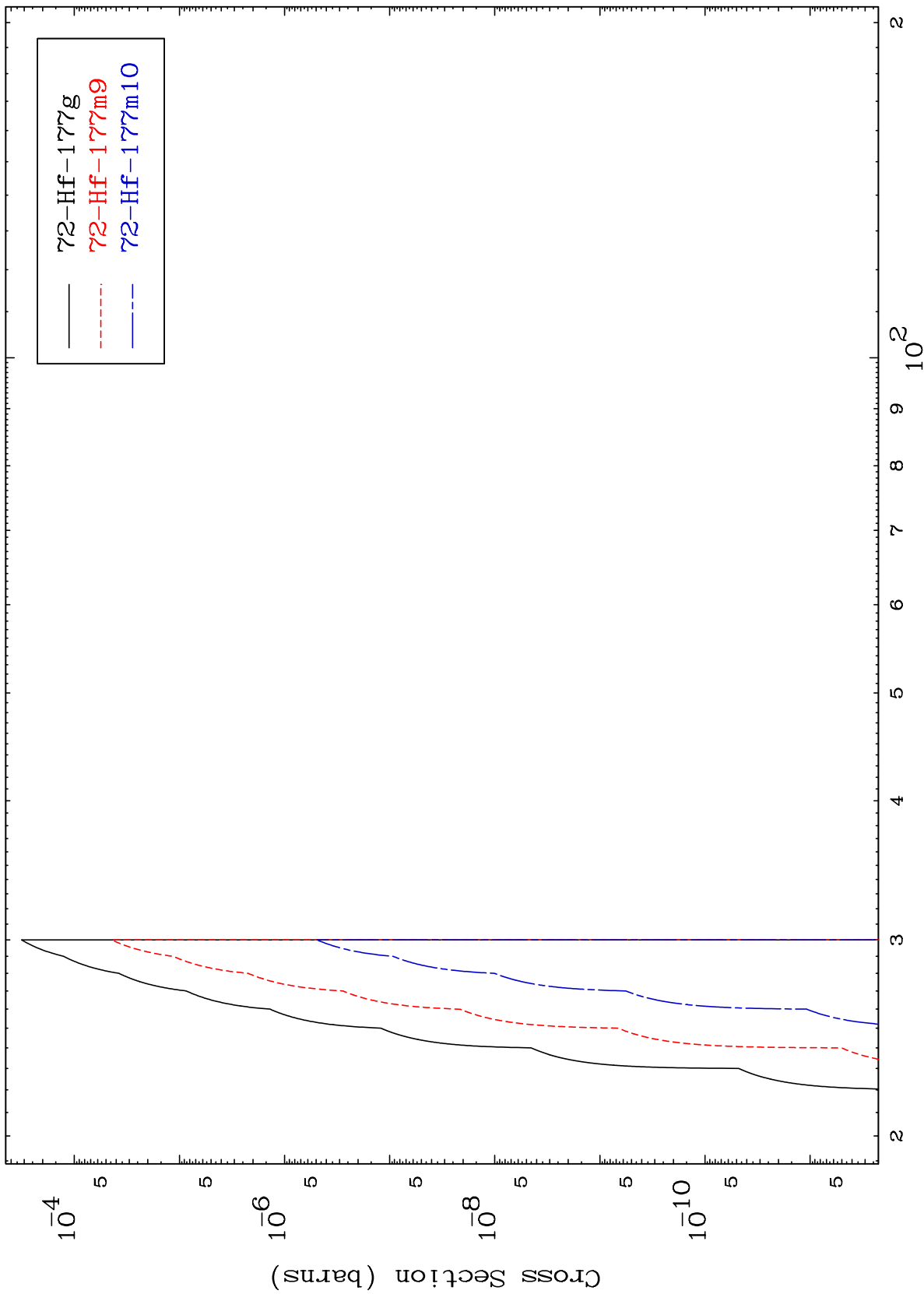
73-Ta-180

MAT 7326

(n,3n) p

73-Ta-180

Radionuclide Production Cross Section

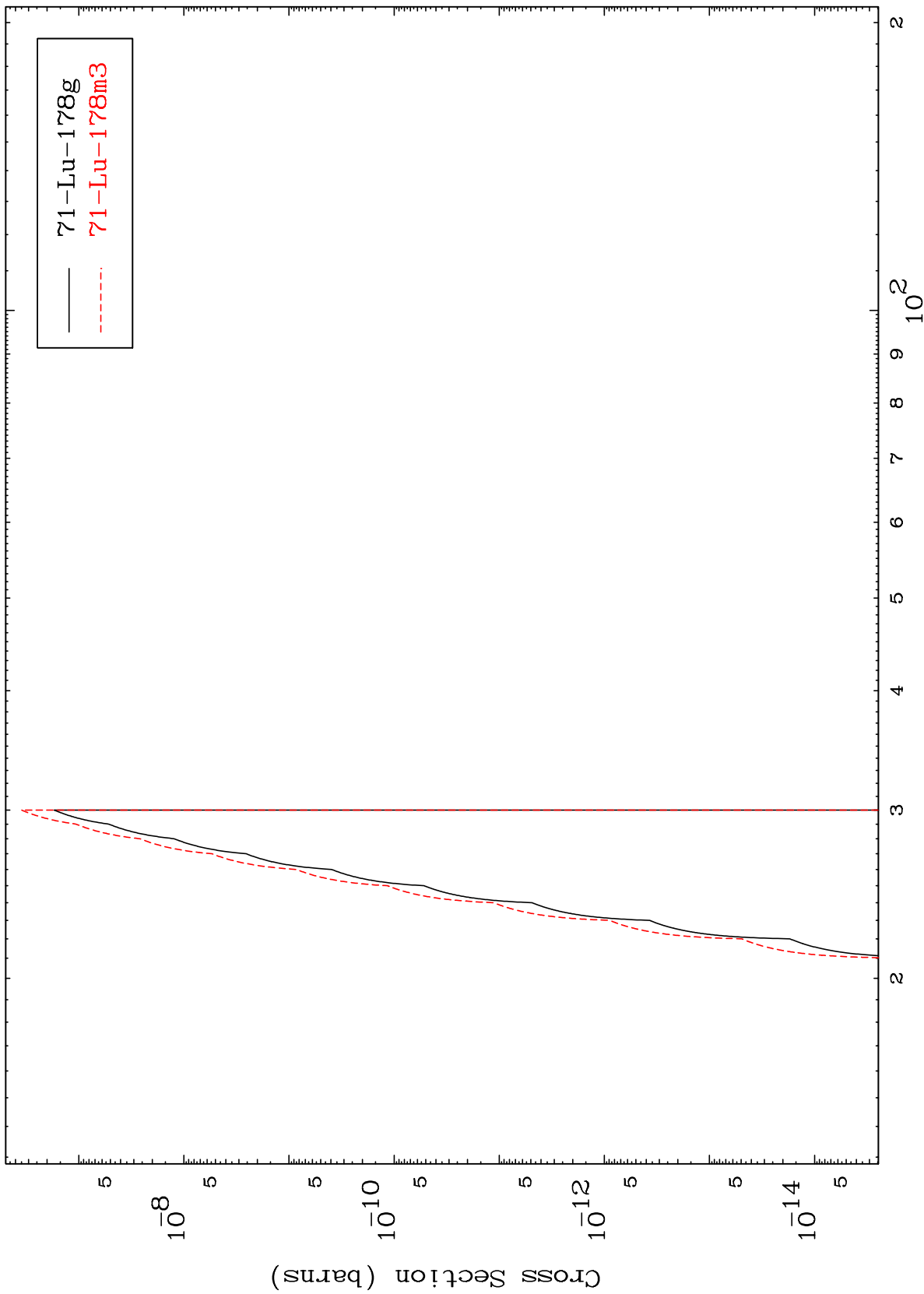


30

Incident Energy (MeV)

73-Ta-180

(n,2n) p
Radionuclide Production Cross Section

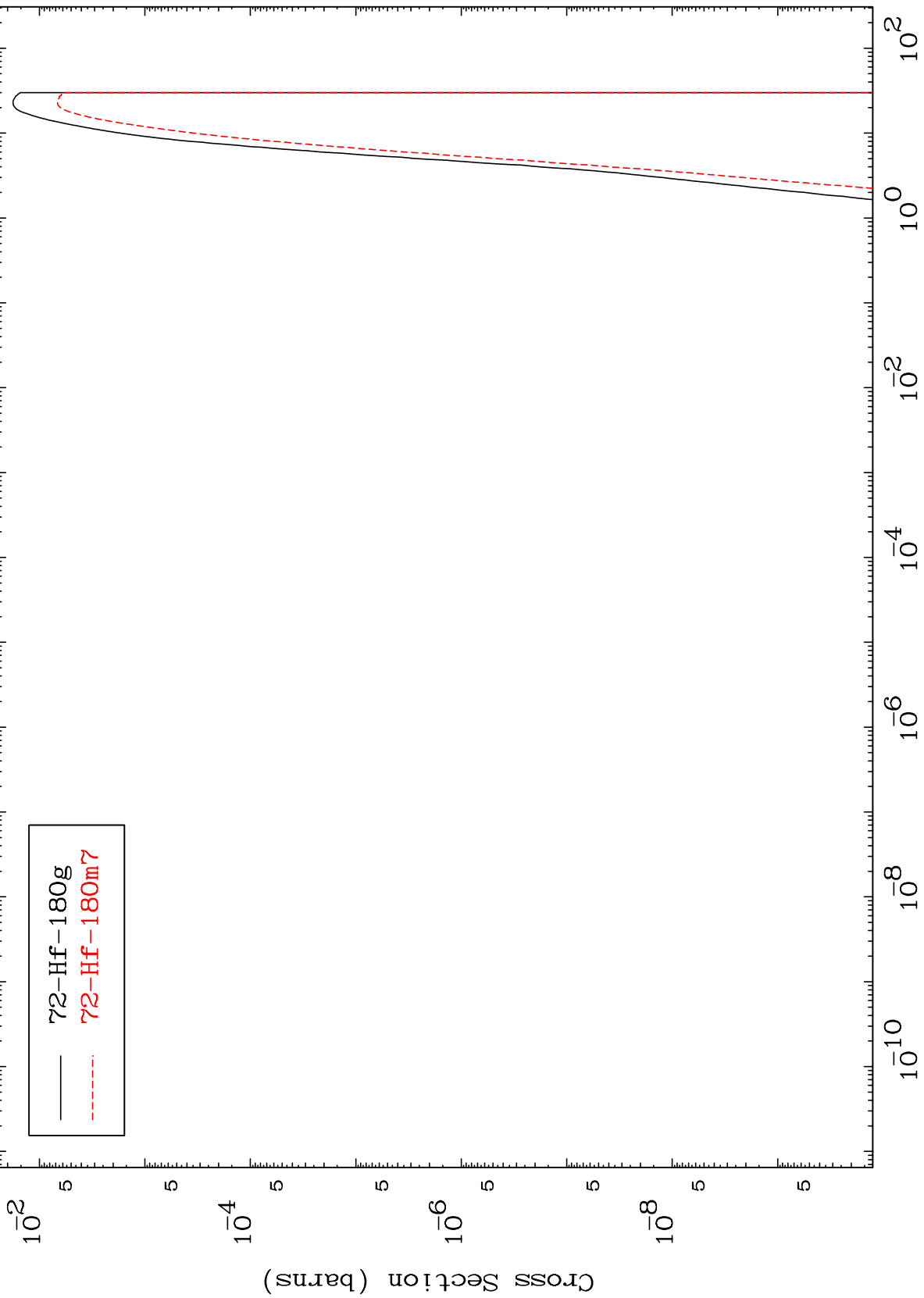


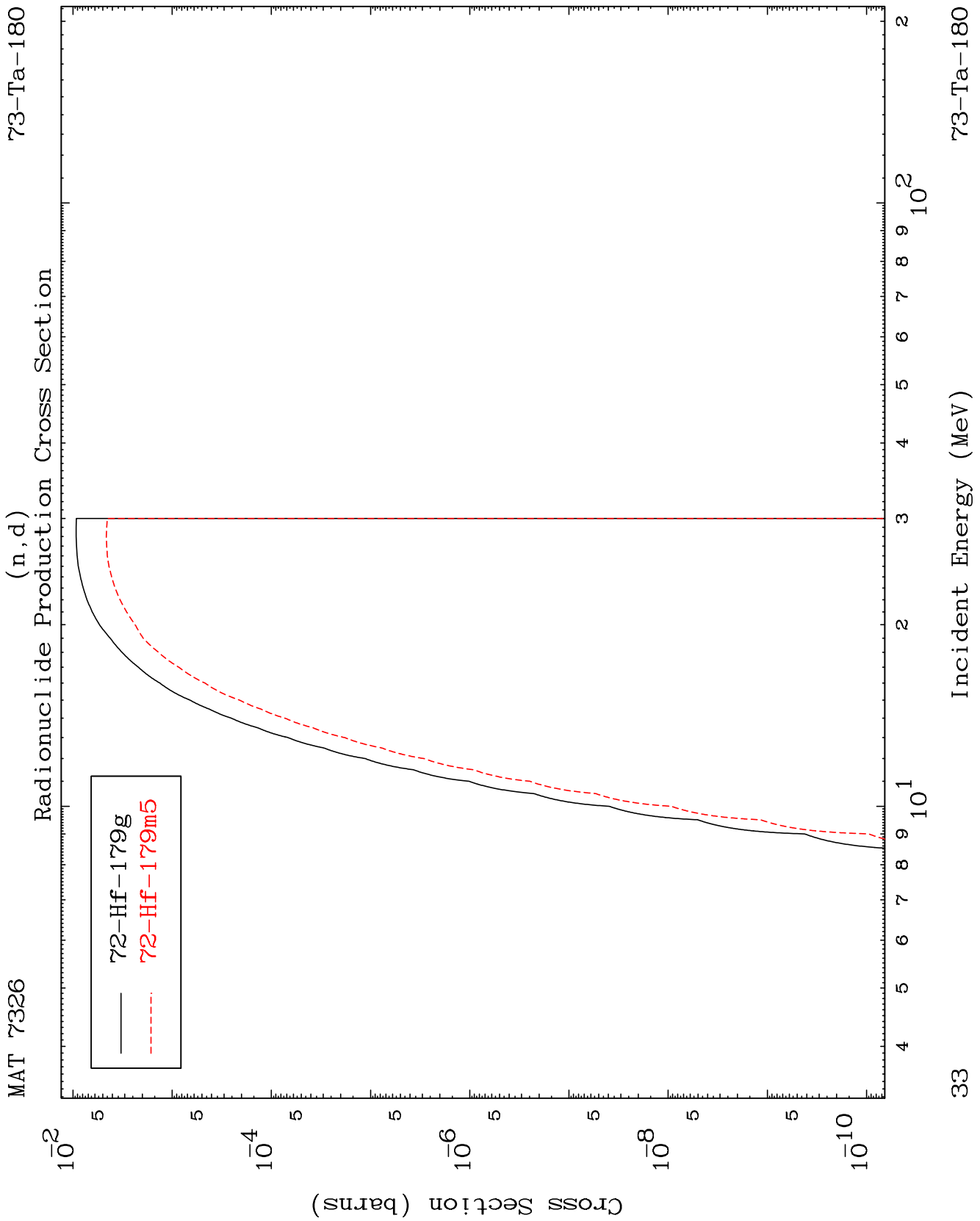
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(n,p)

⁷³Ta-180

Radionuclide Production Cross Section

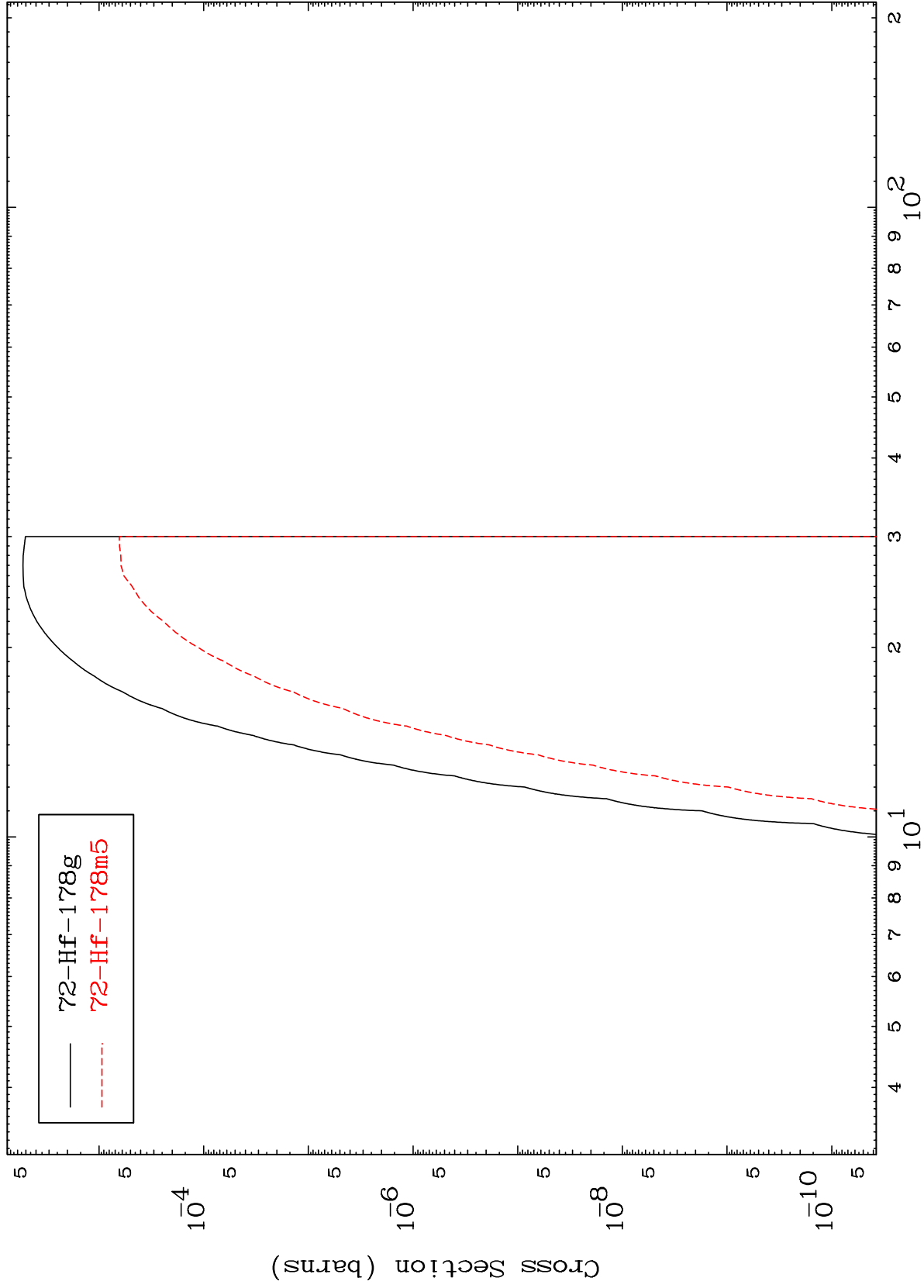




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⁷³Ta-180

Radionuclide Production Cross Section



34

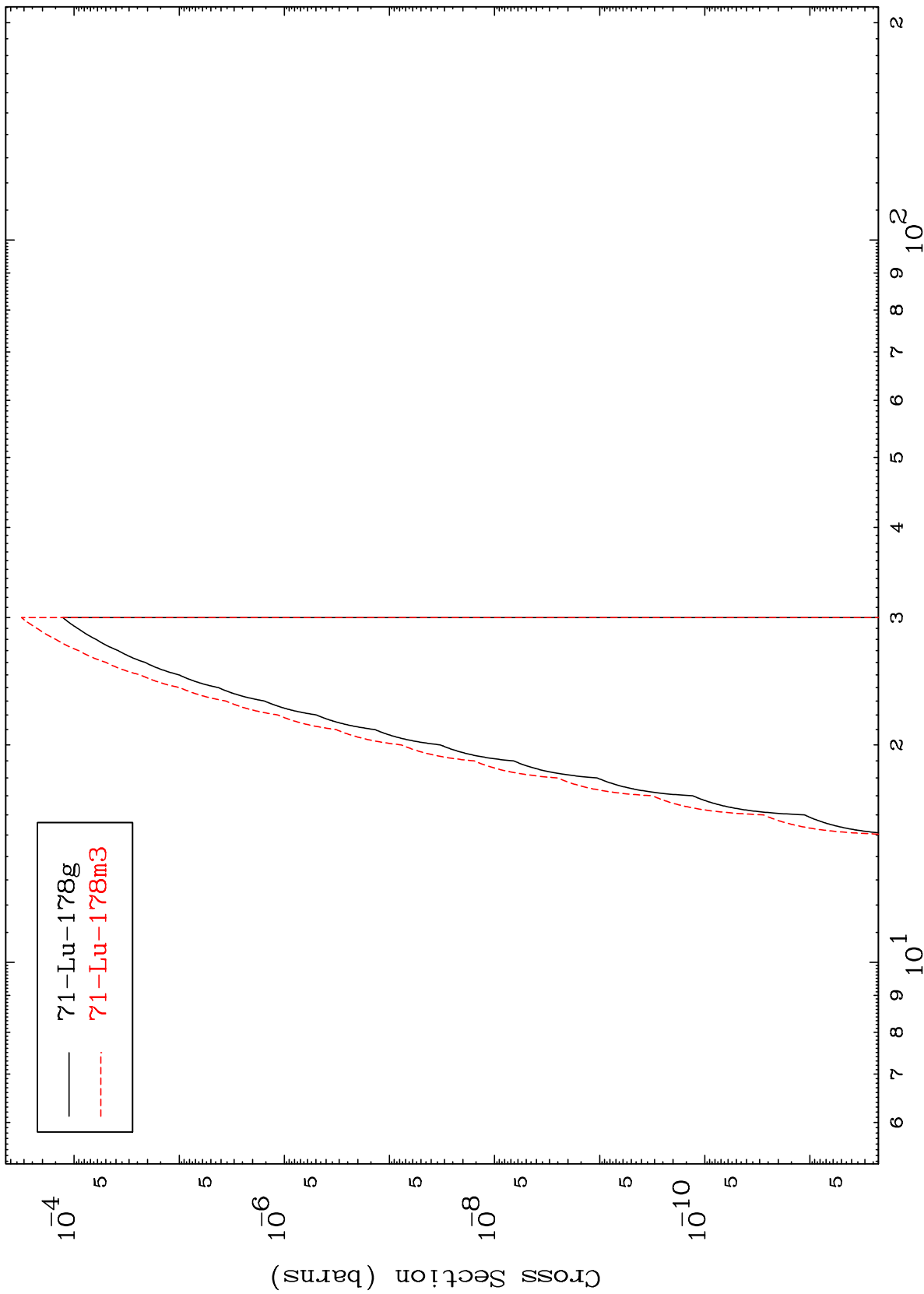
Incident Energy (MeV)

⁷³Ta-180

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73-Ta-180

(n,He-3)
Radionuclide Production Cross Section



35

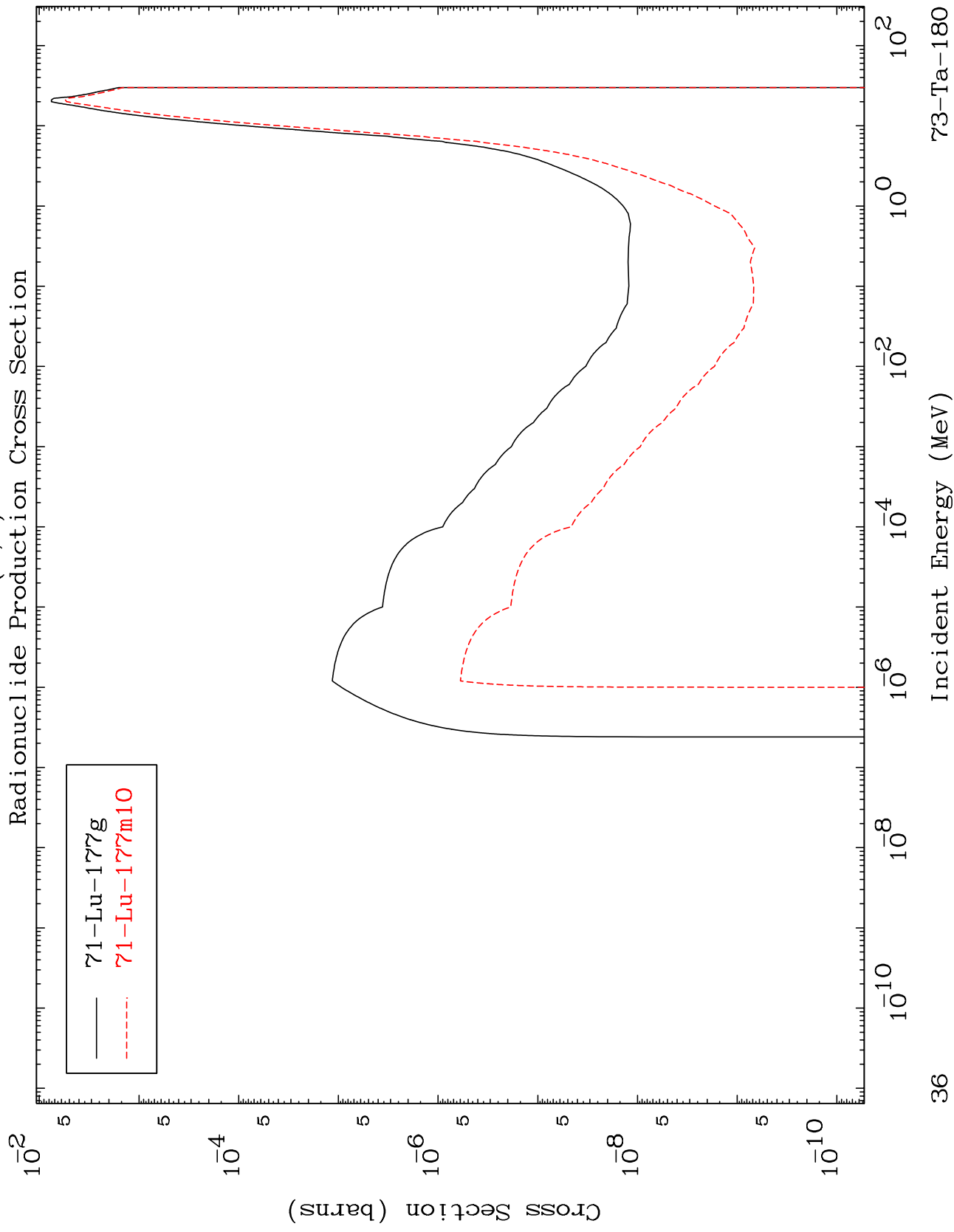
73-Ta-180

Incident Energy (MeV)

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(n, α)

⁷³Ta-180

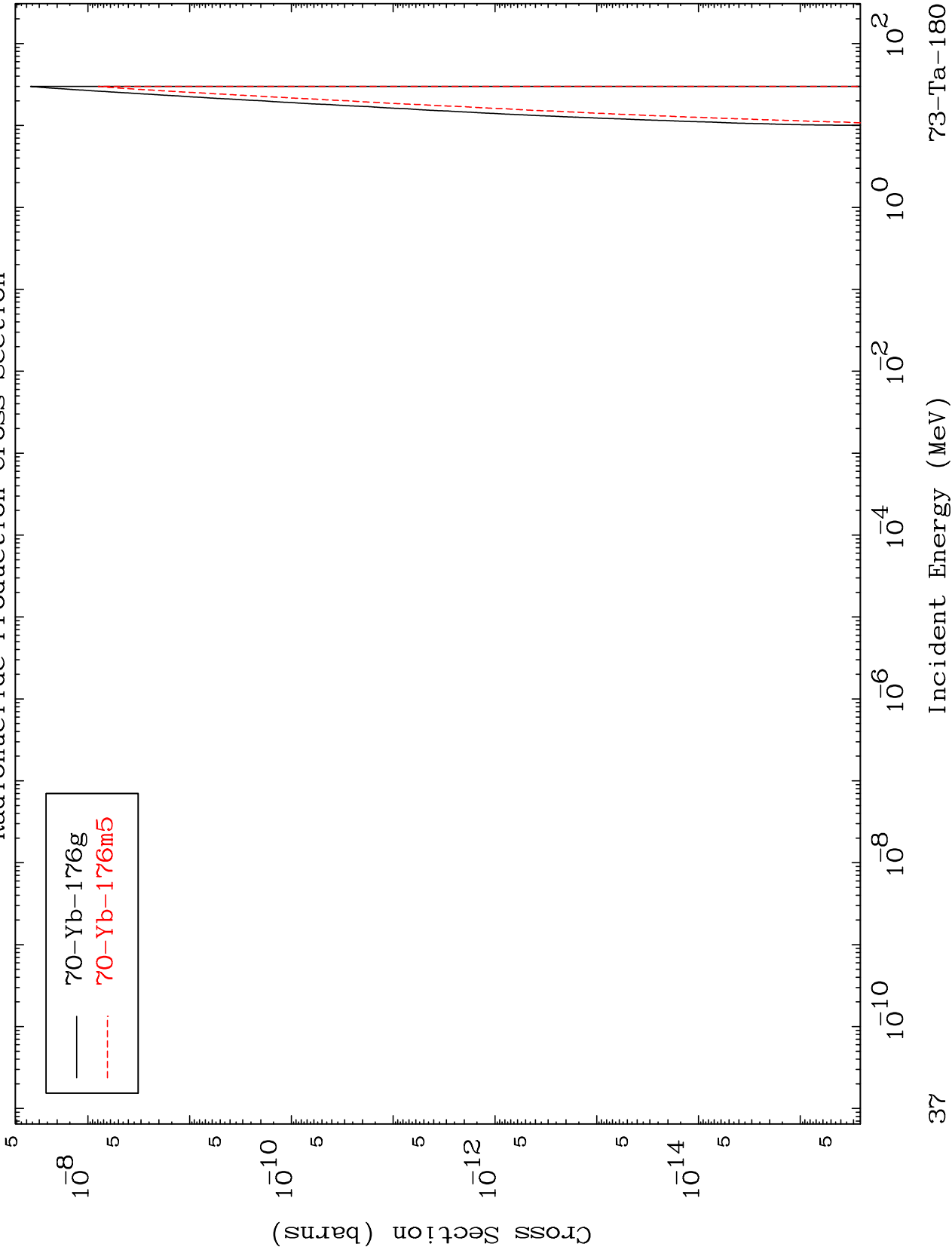


MAT 7326

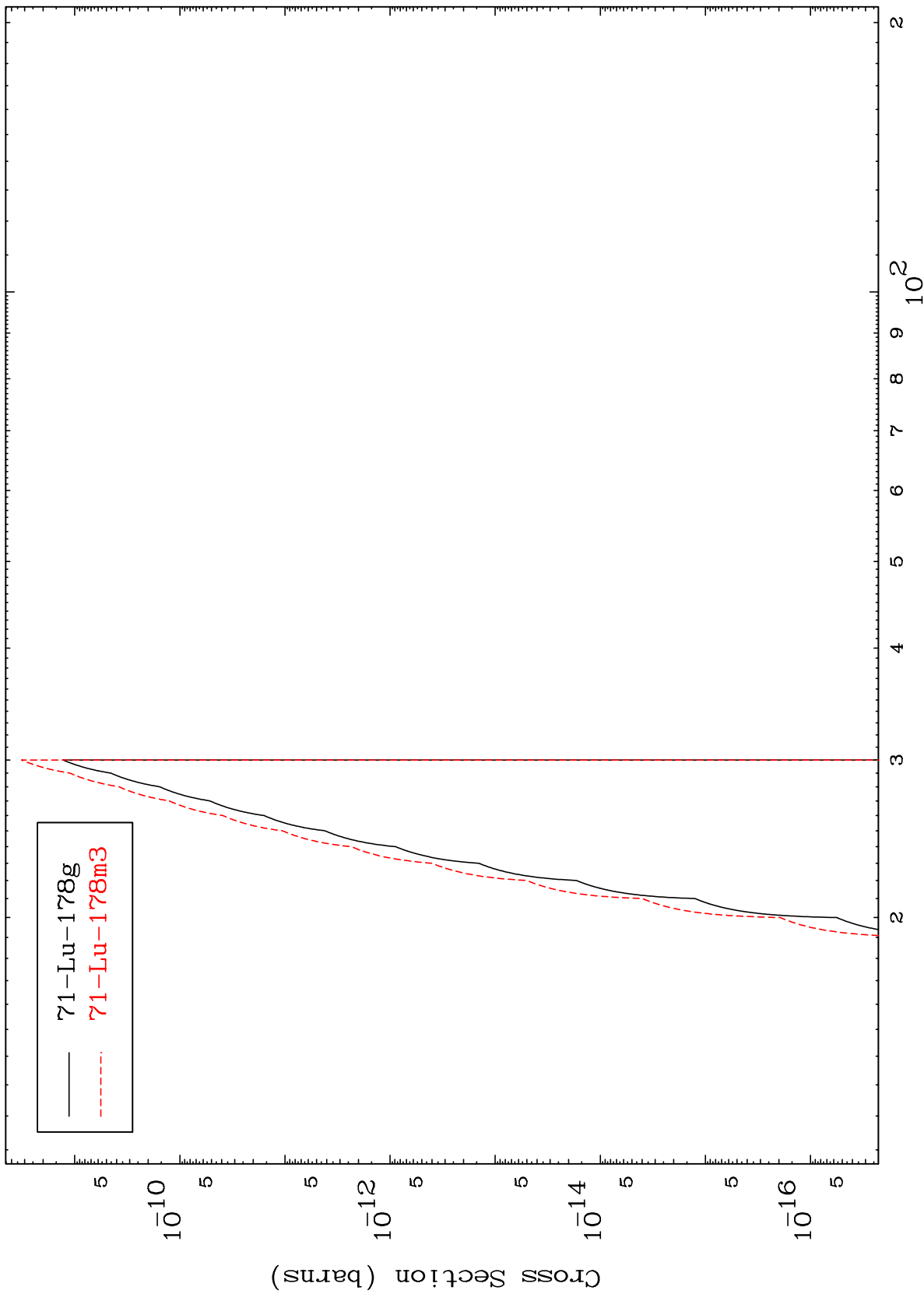
(n,p) α

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

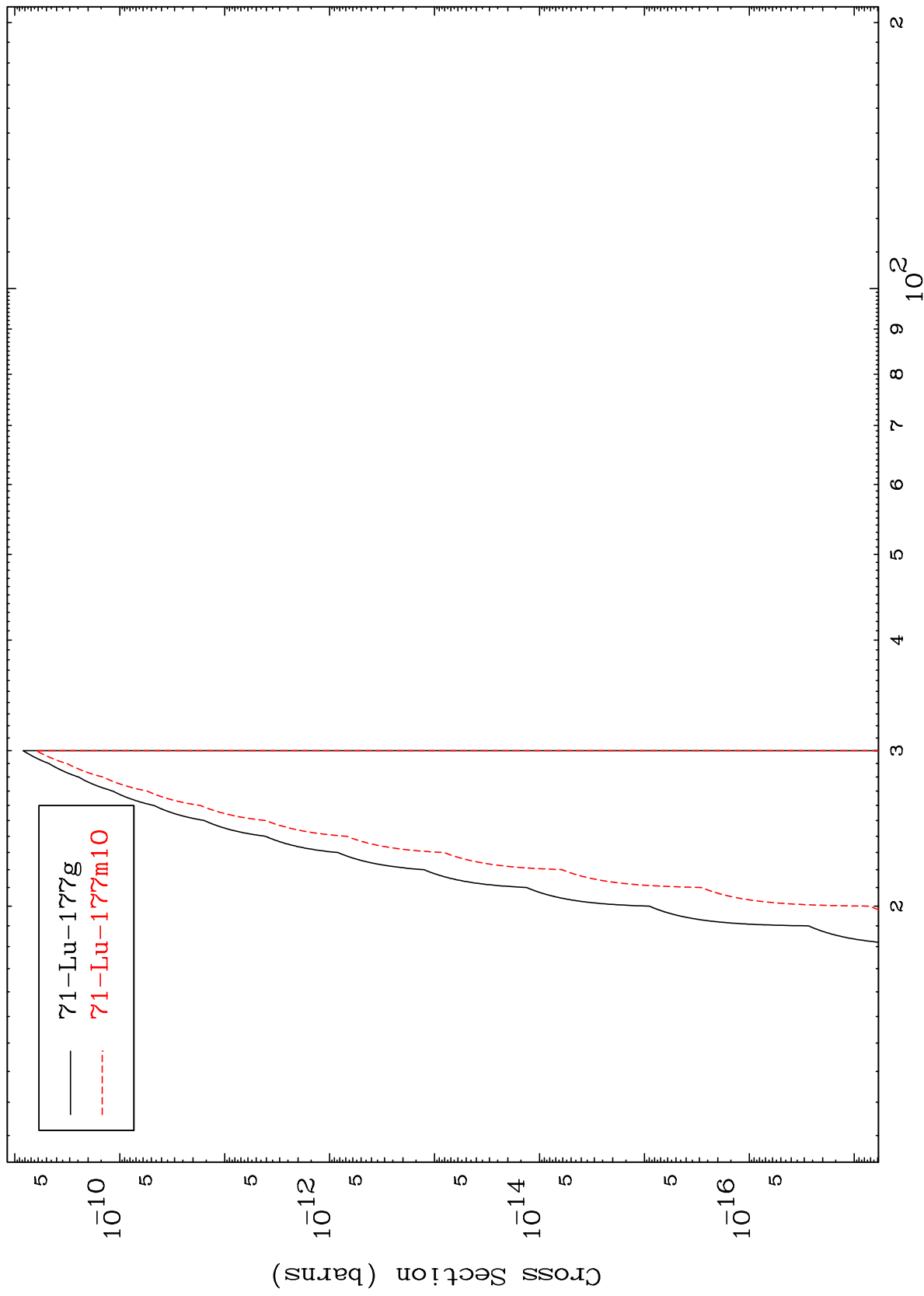


MAT 7326

(n,p) t

⁷³Ta-180

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷³Ta-180