

Program EVALPLOT
(Version 2017-1)

by

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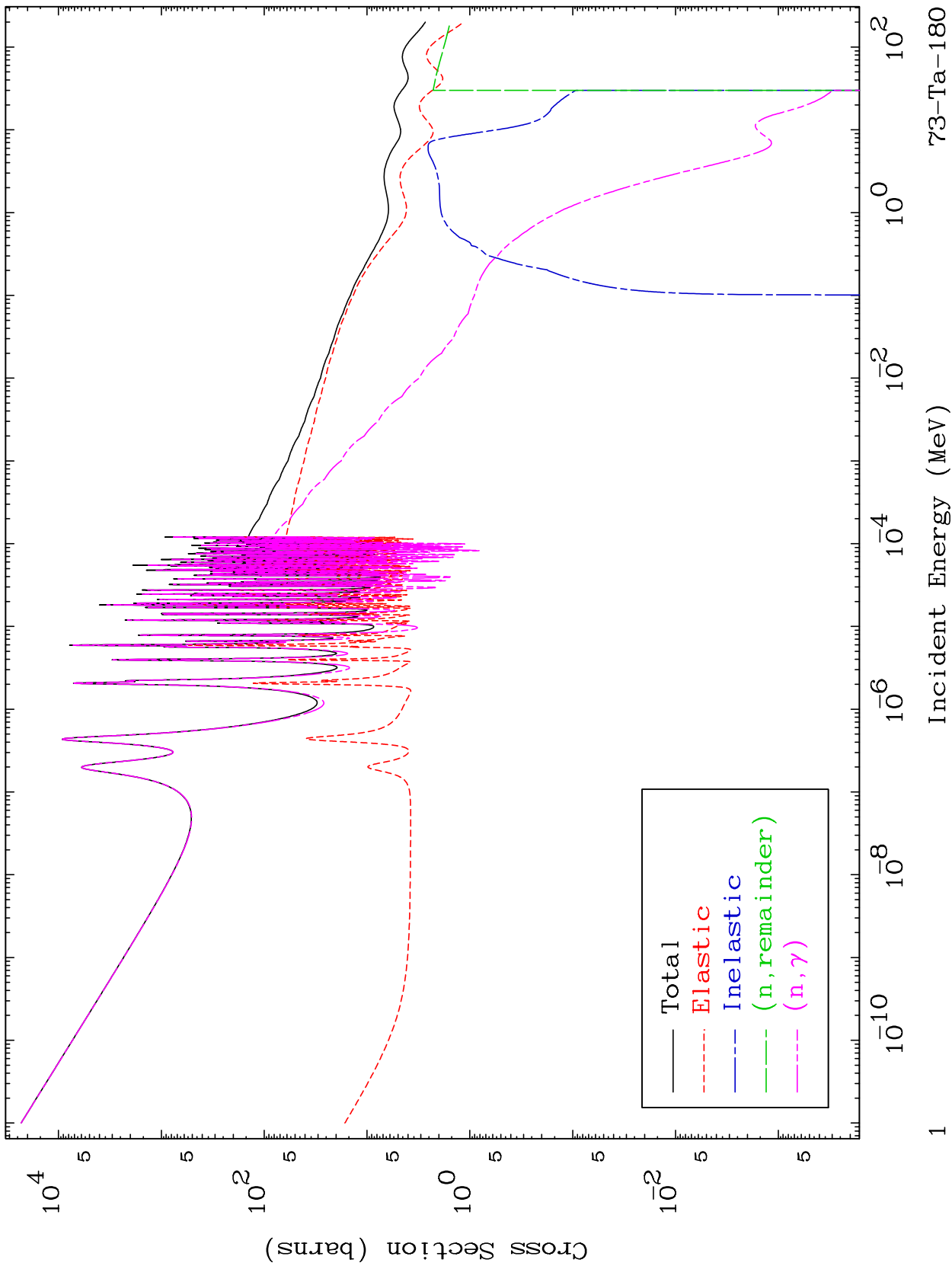
Press Mouse Button to Start

MAT 7326

Major

293 Kelvin Cross Sections

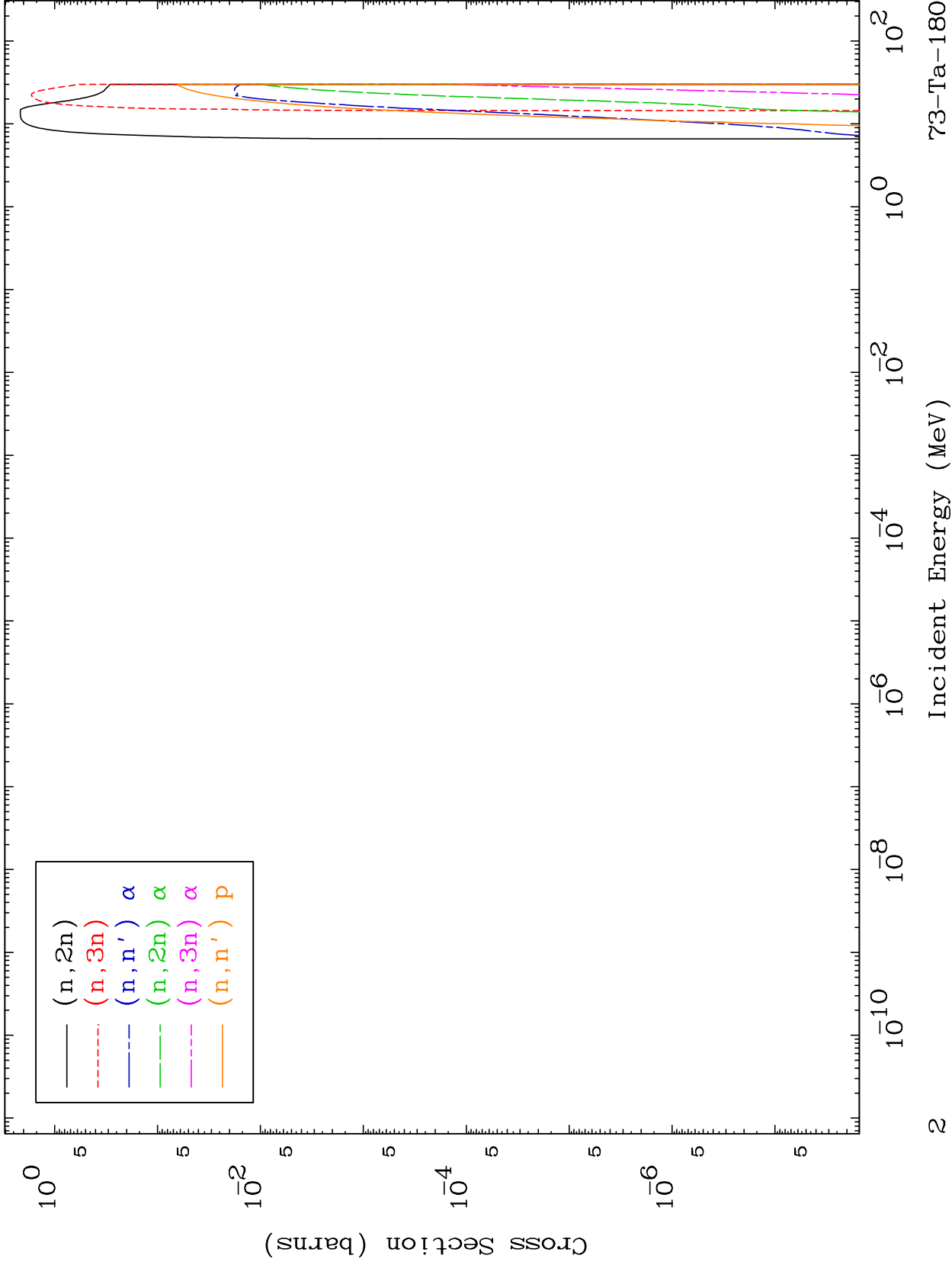
73-Ta-180



MAT 7326

Neutron Production
293 Kelvin Cross Sections

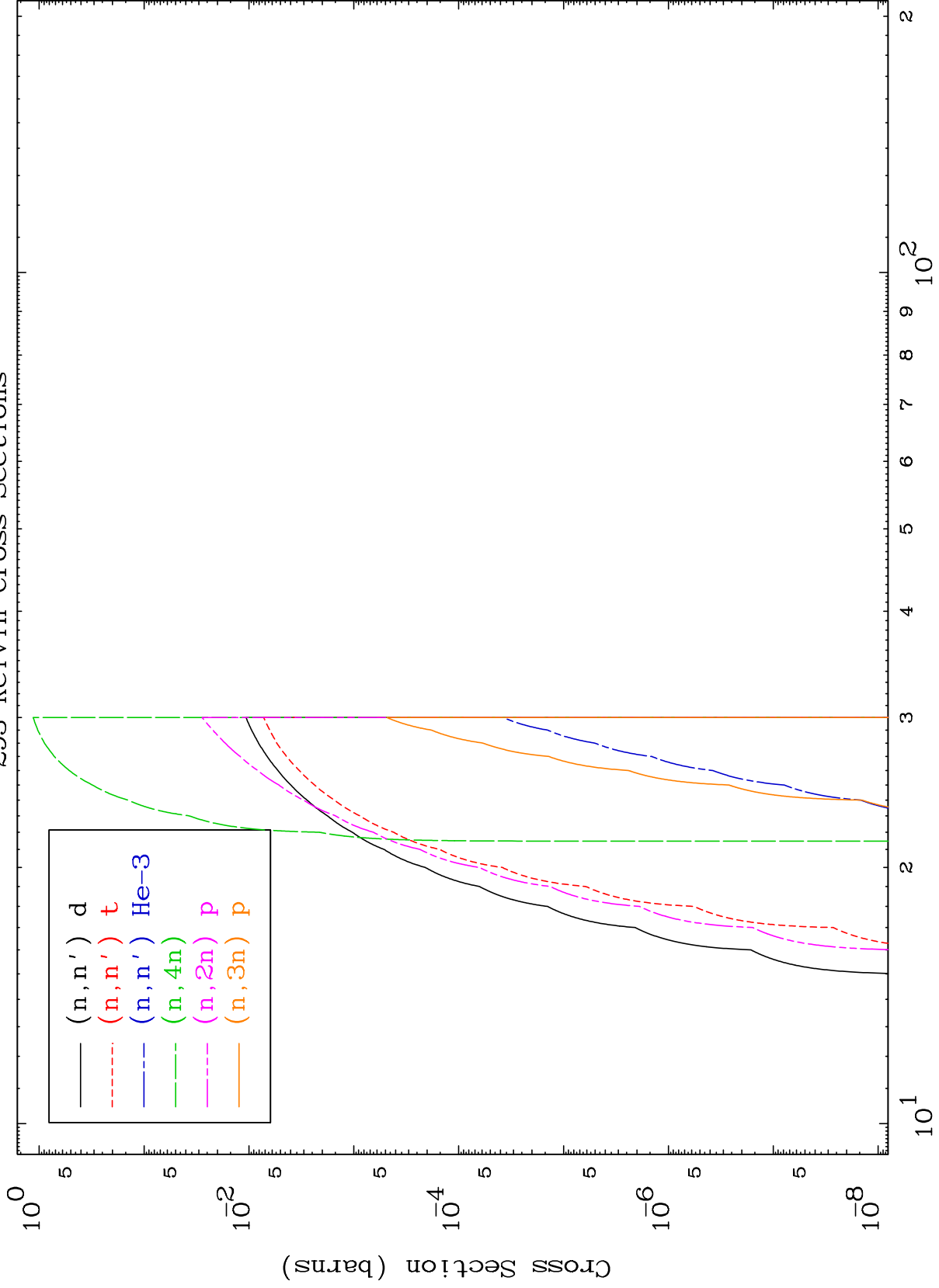
73-Ta-180



MAT 7326

Neutron Production
293 Kelvin Cross Sections

73-Ta-180



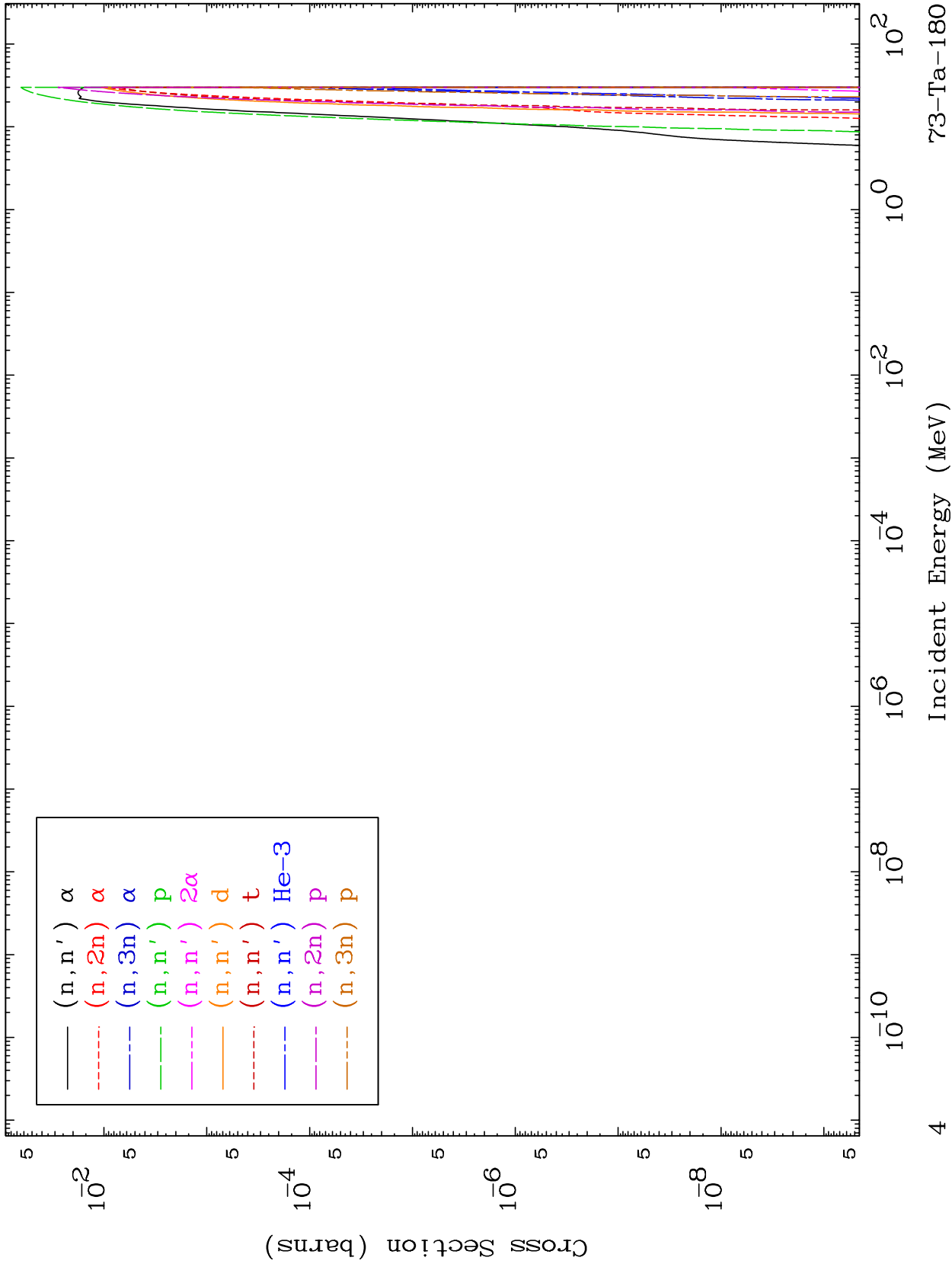
Incident Energy (MeV)

73-Ta-180

MAT 7326

Charged Particle
293 Kelvin Cross Sections

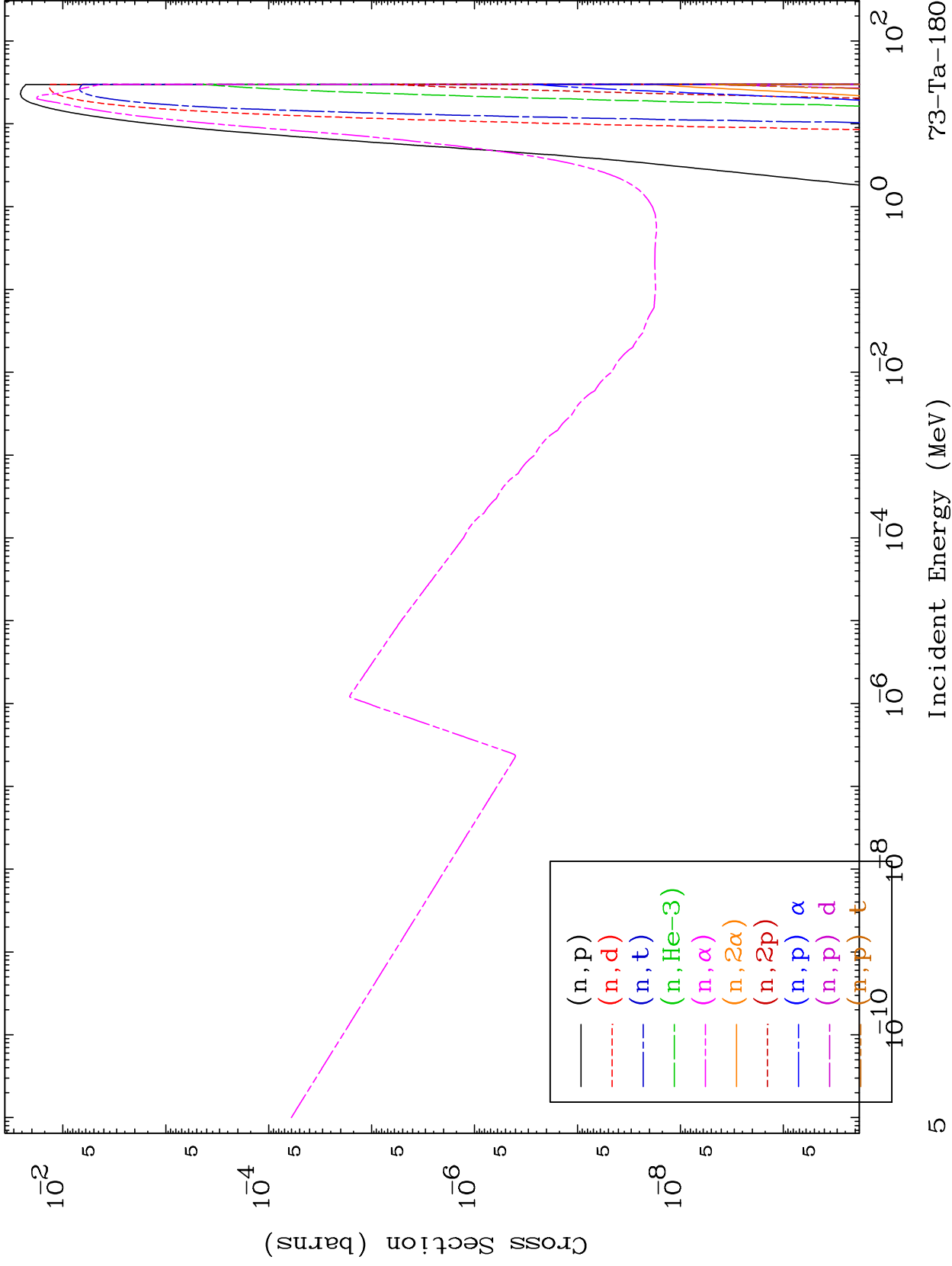
73-Ta-180



MAT 7326

Charged Particle
293 Kelvin Cross Sections

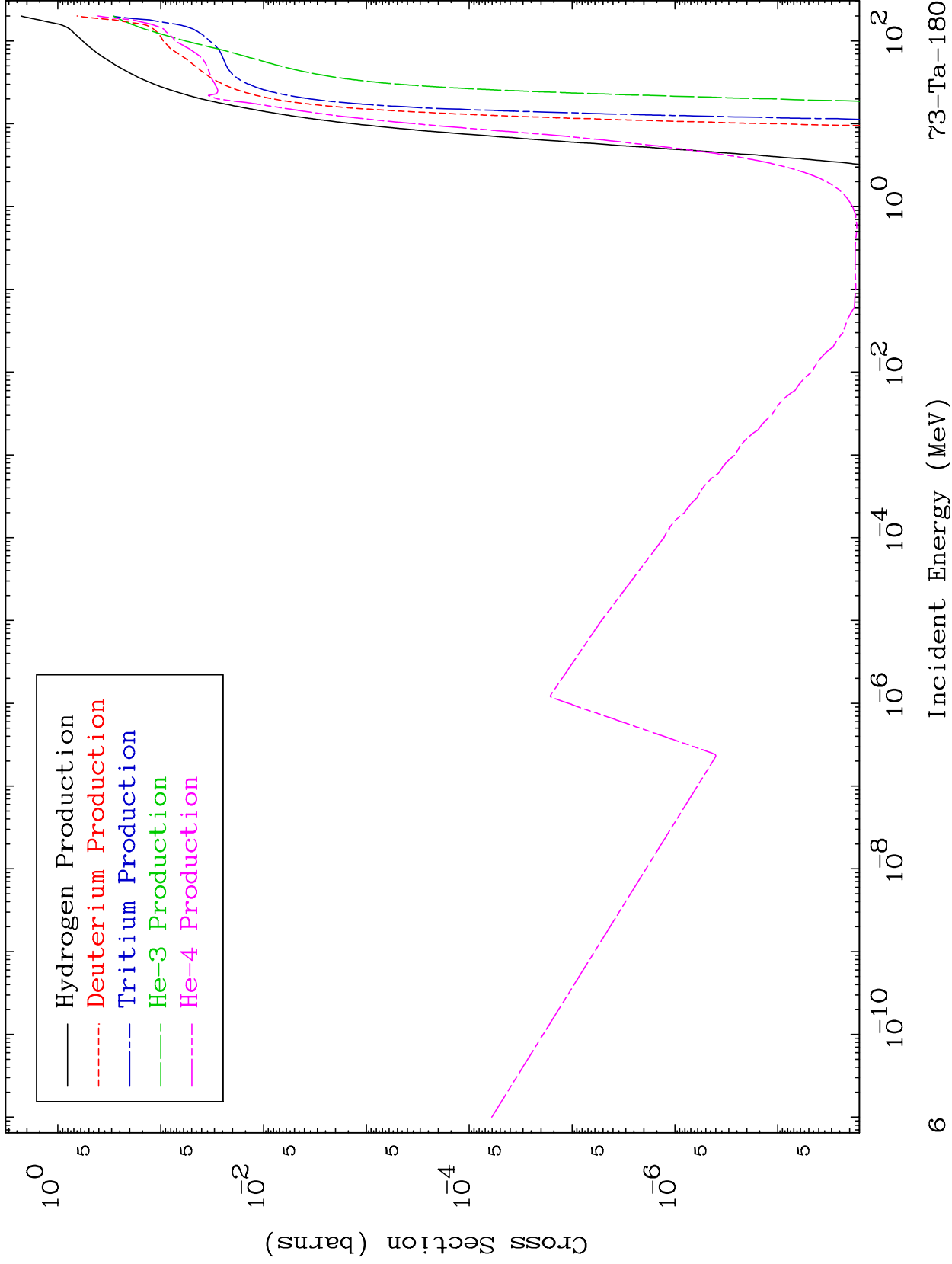
73-Ta-180



MAT 7326

Particle Production
293 Kelvin Cross Sections

73-Ta-180

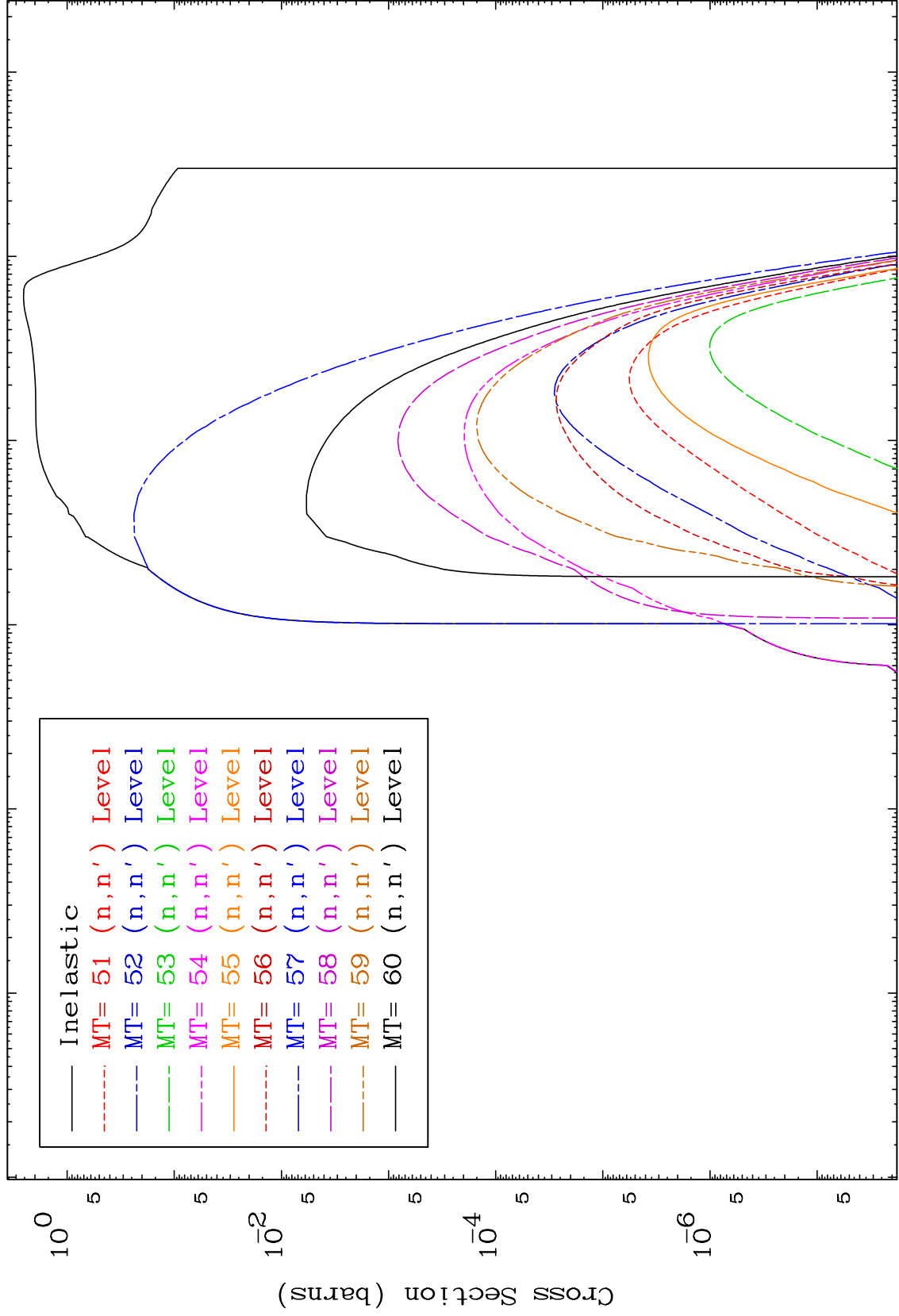


MAT 7326

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



73-Ta-180

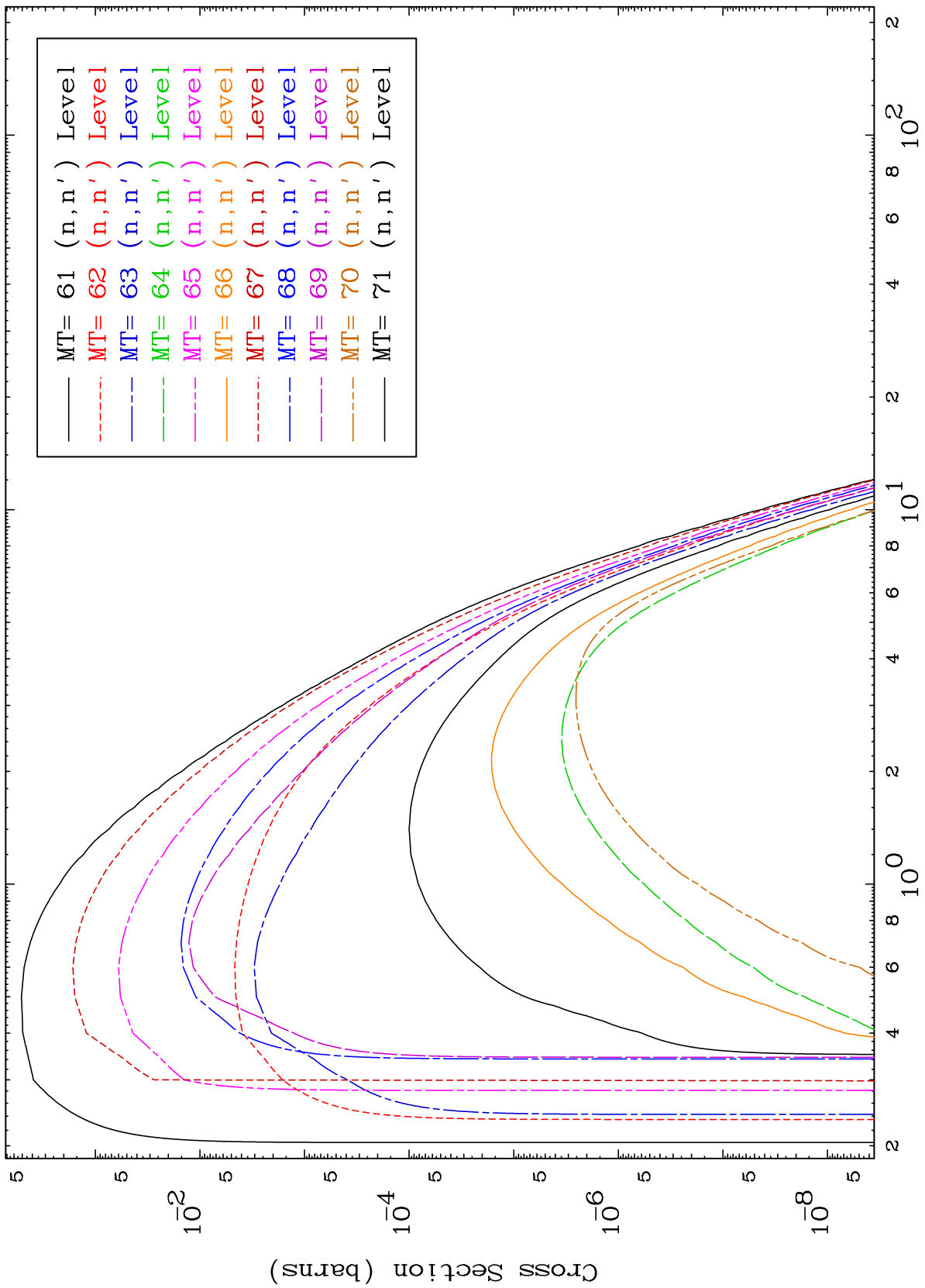
Incident Energy (MeV)

MAT 7326

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-180

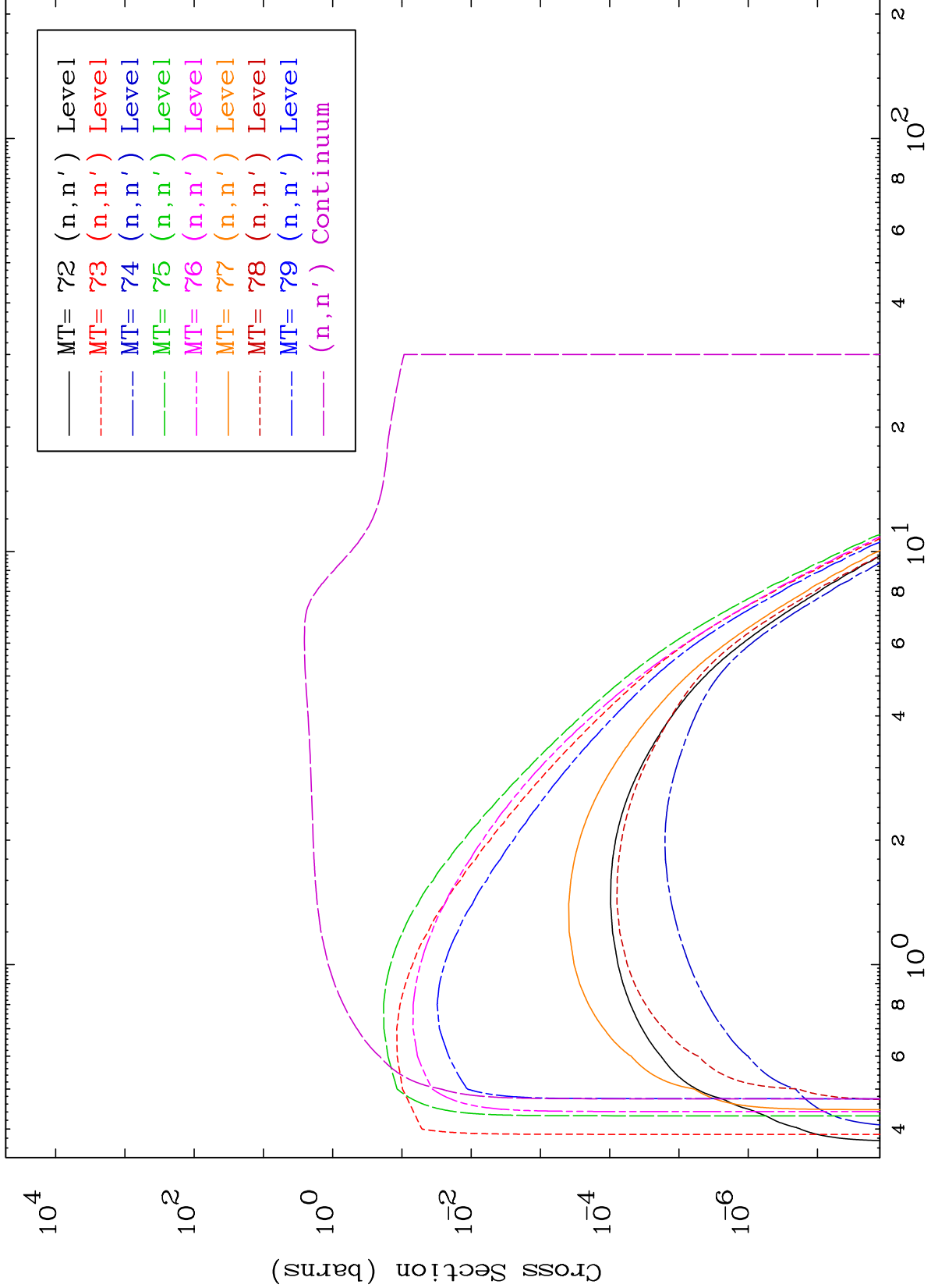
8

MAT 7326

(n,n') Level

73-Ta-180

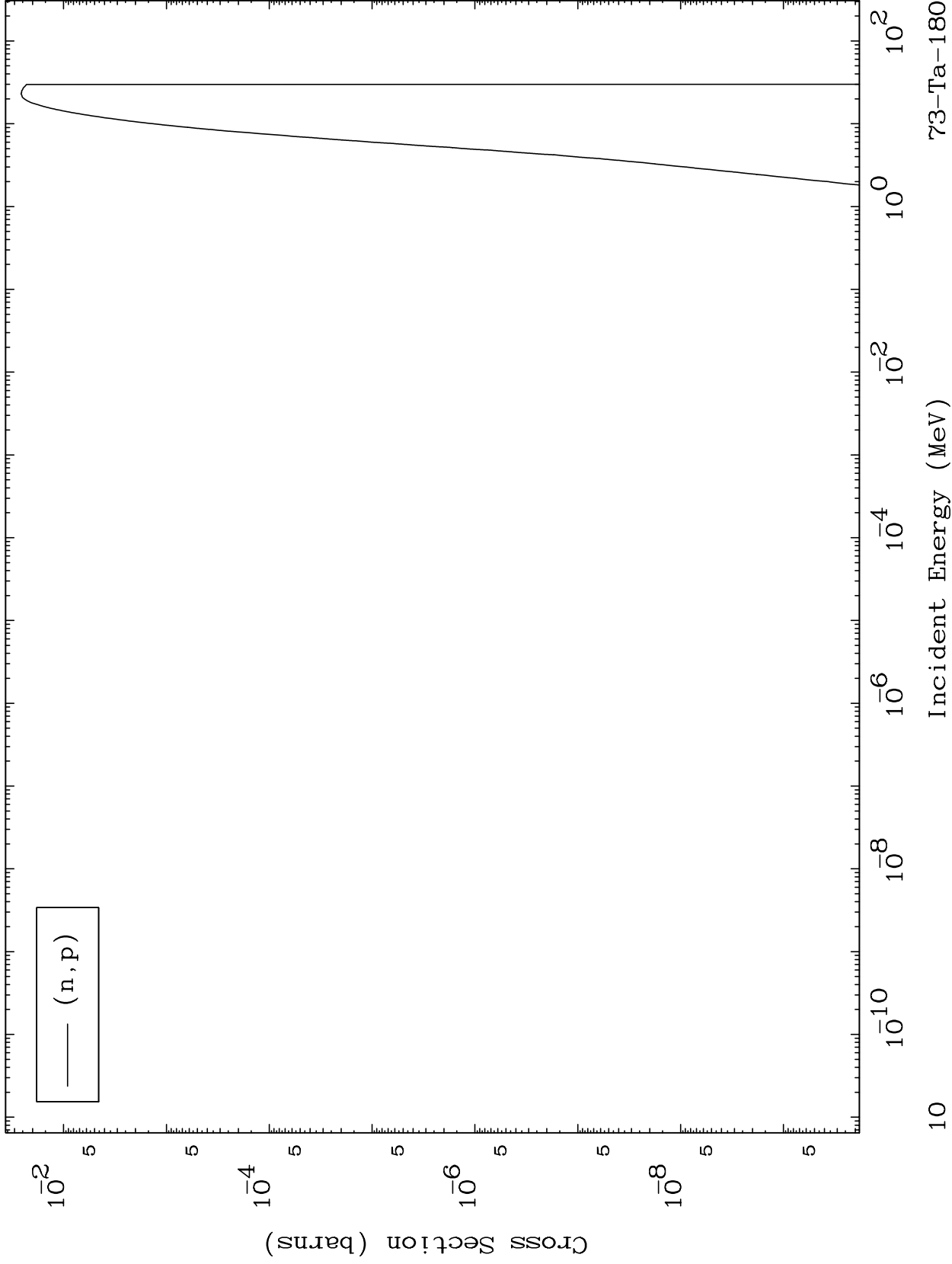
293 Kelvin Cross Sections



MAT 7326

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-180



10

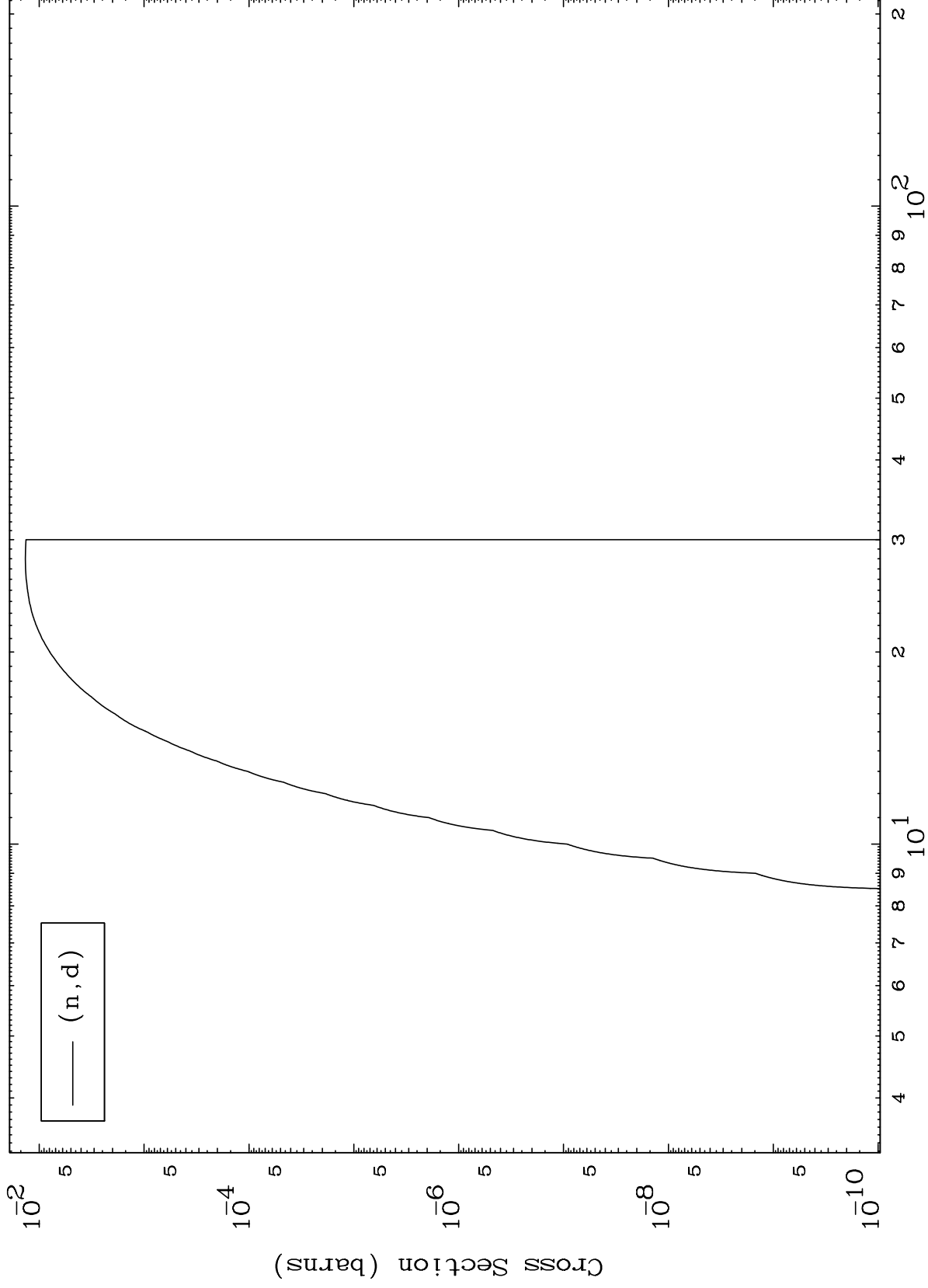
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-180



11

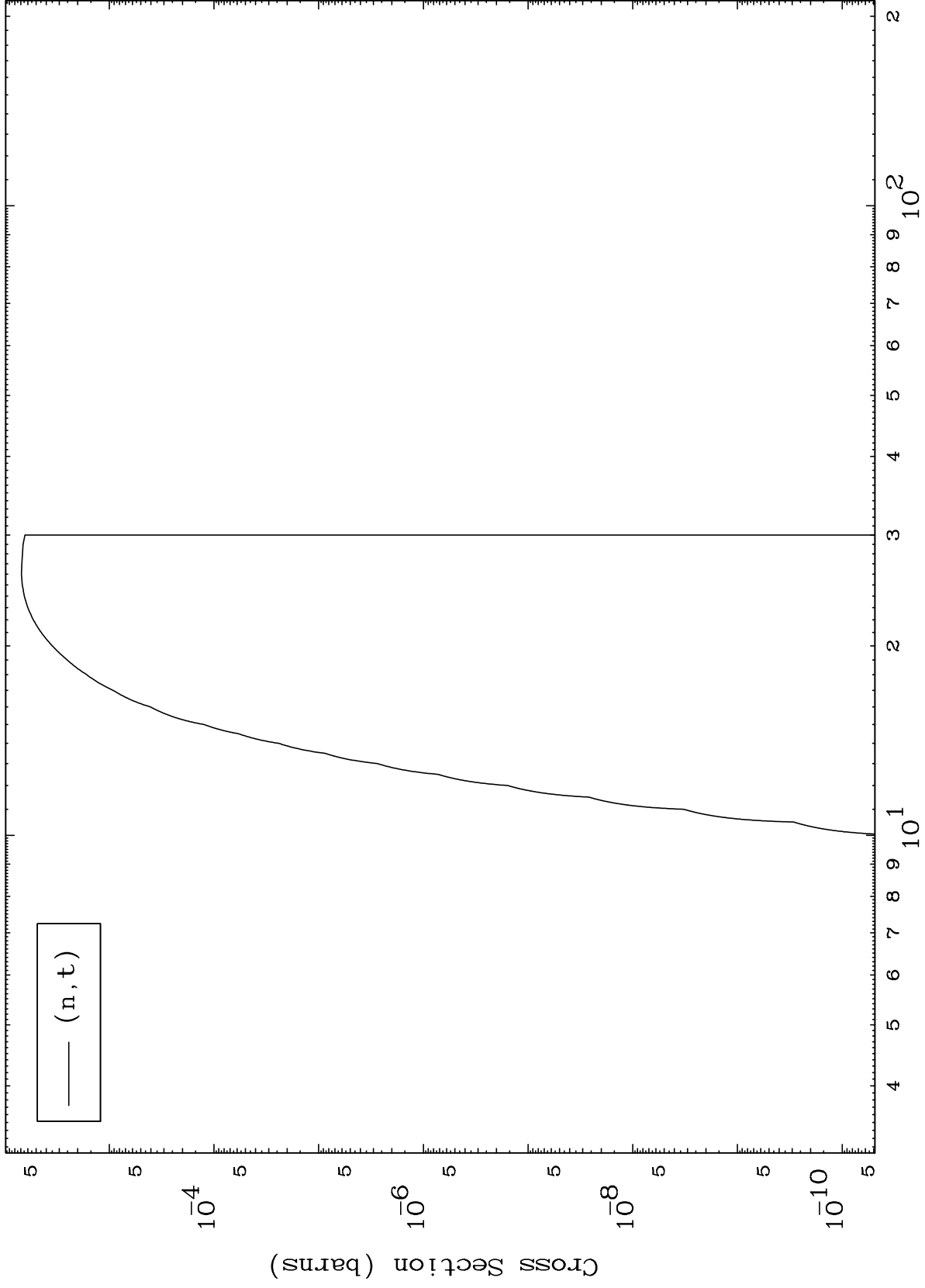
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-180



12

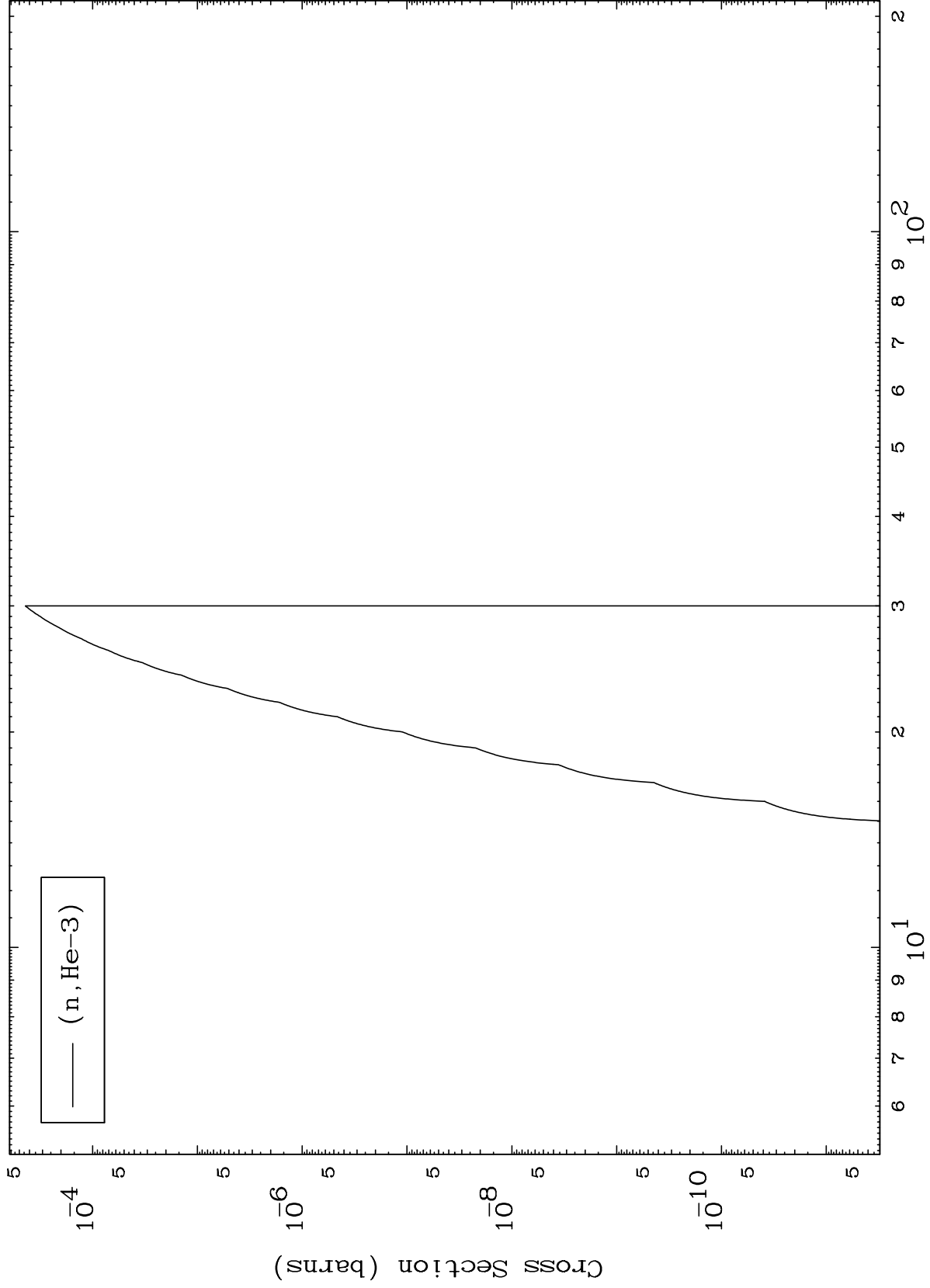
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-180



13

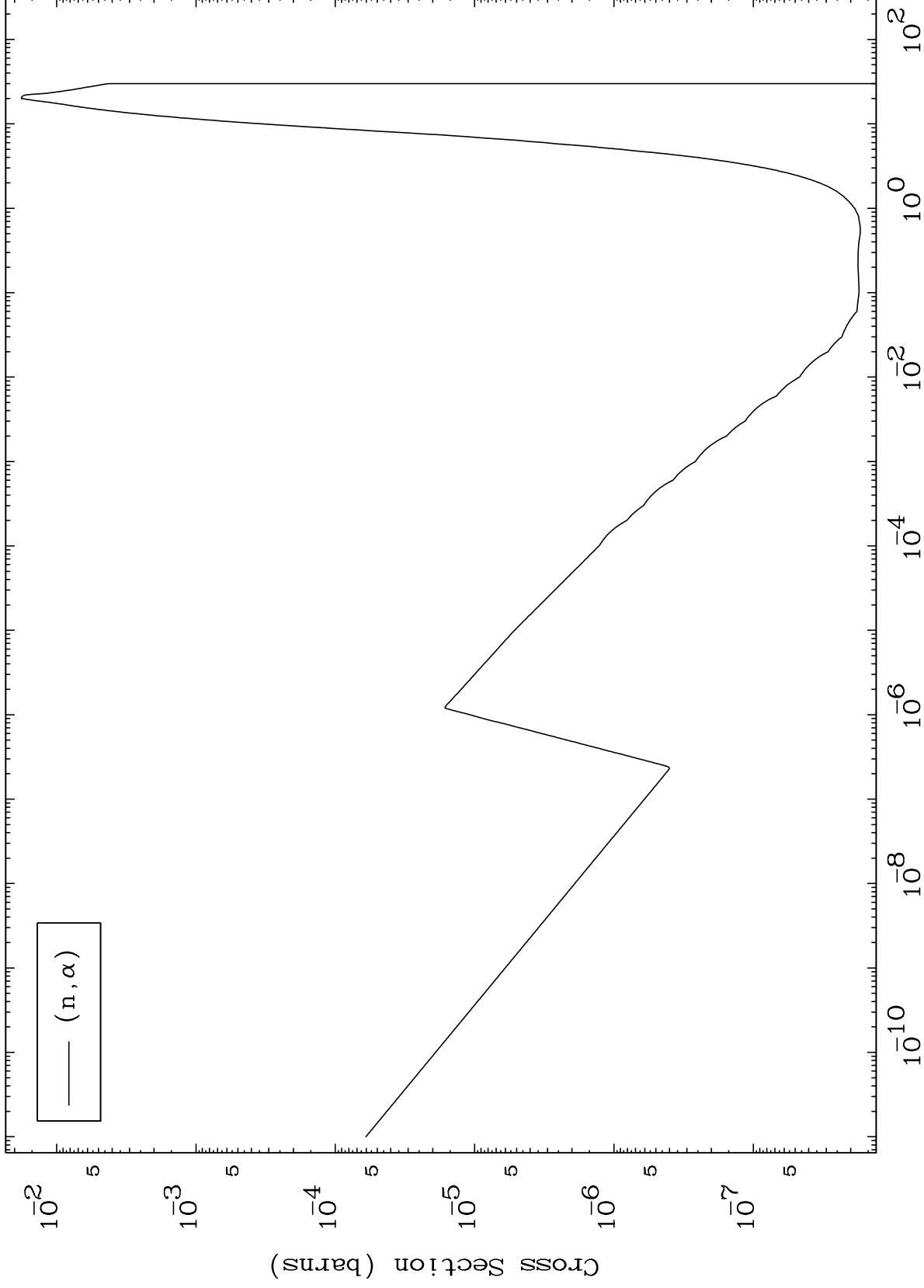
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n, α) Levels
293 Kelvin Cross Sections

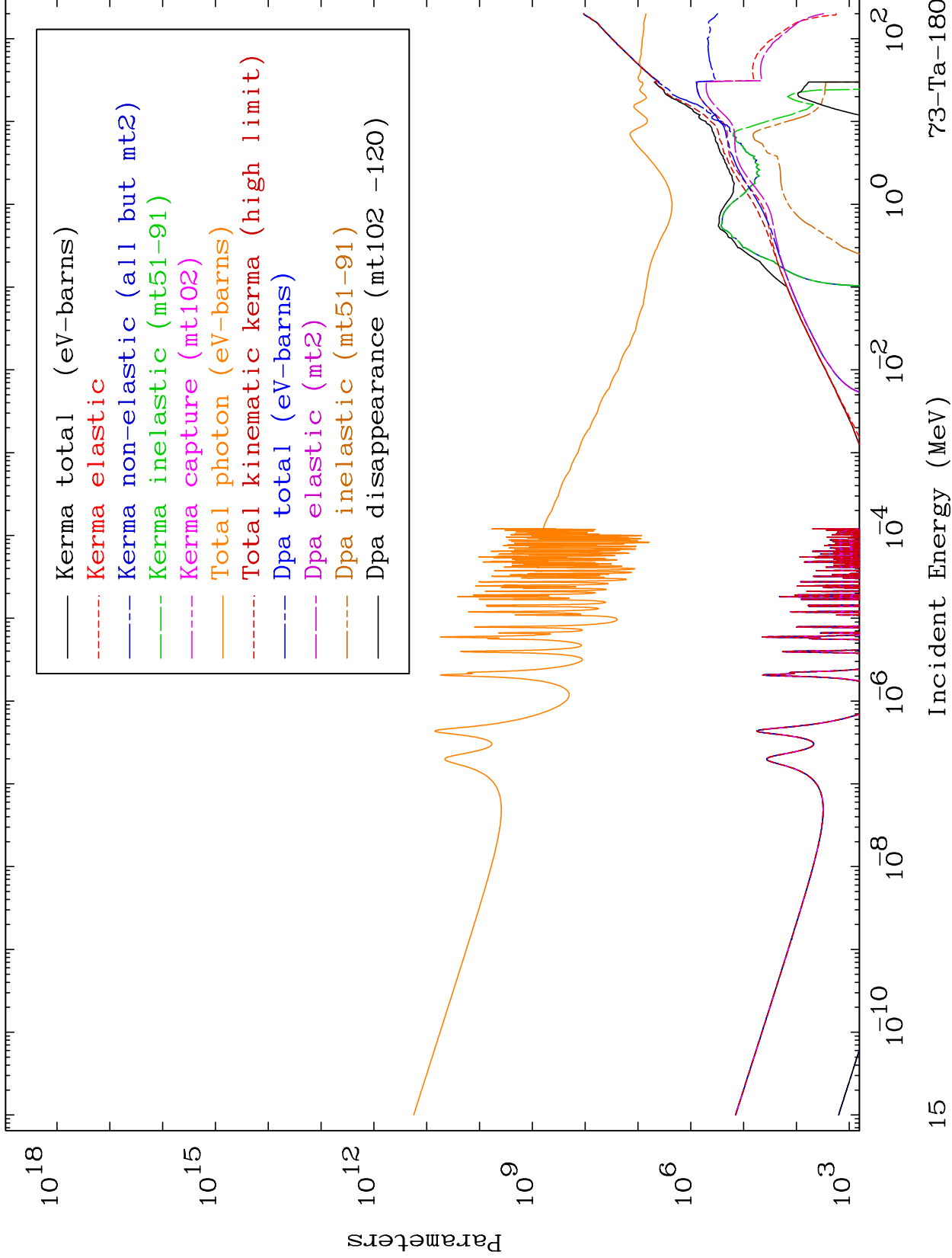
73-Ta-180

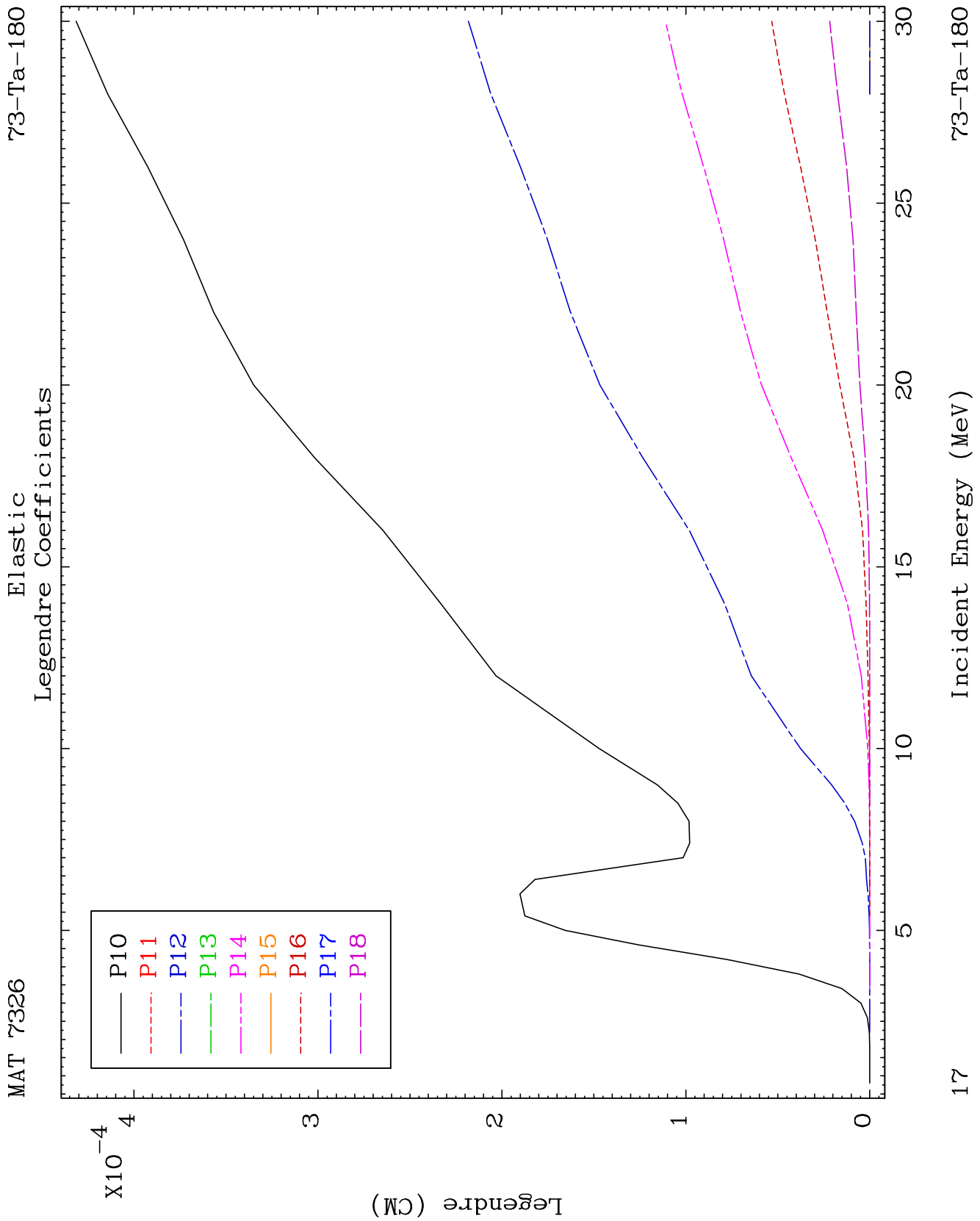


14

Incident Energy (MeV)

73-Ta-180

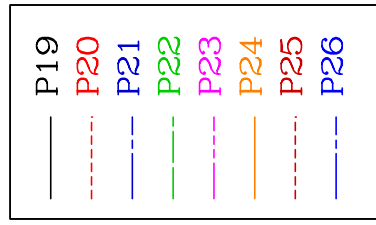




MAT 7326

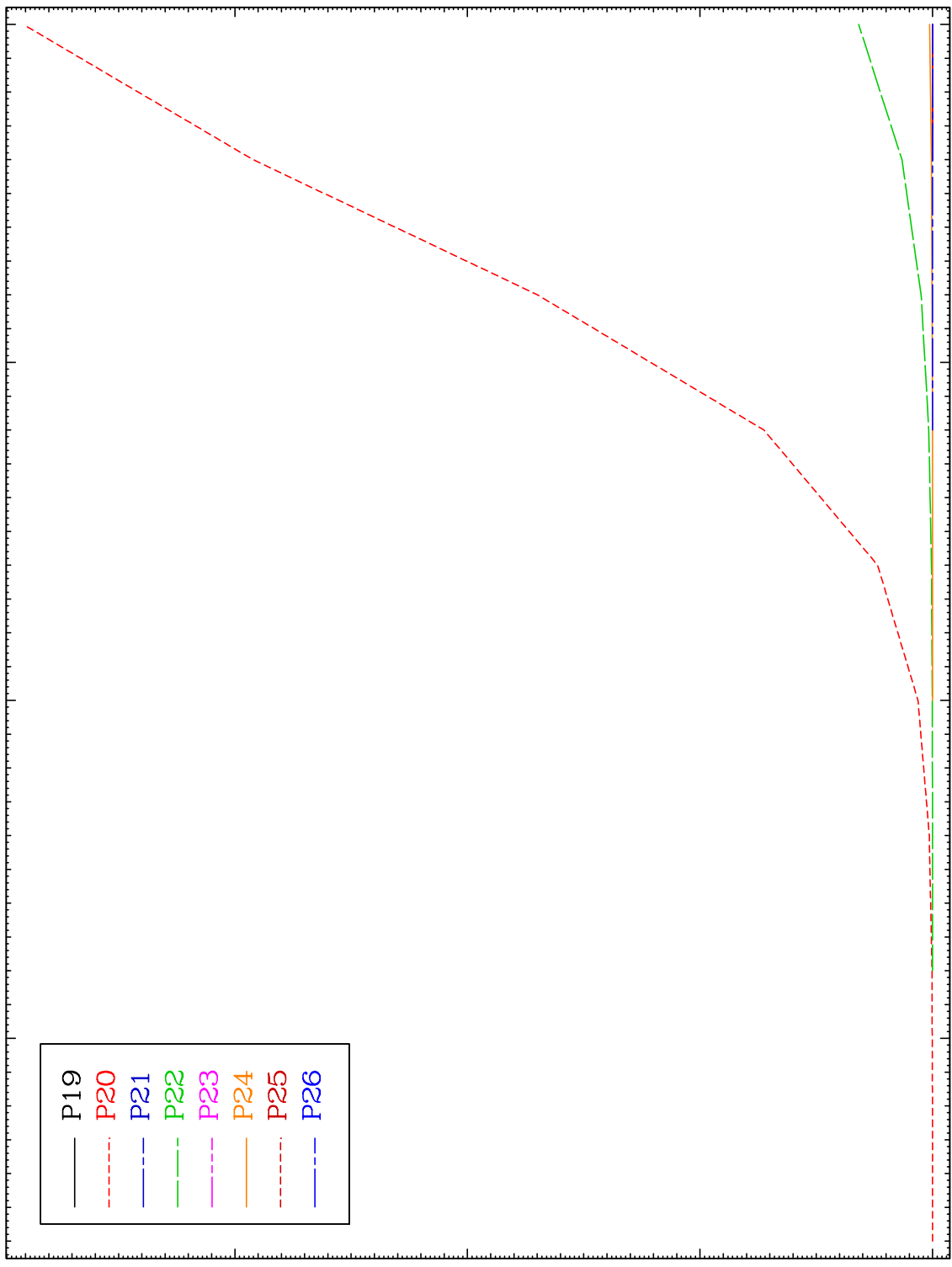
Elastic
Legendre Coefficients

73-Ta-180



$\times 10^{-6}$

Legendre (CM)



18

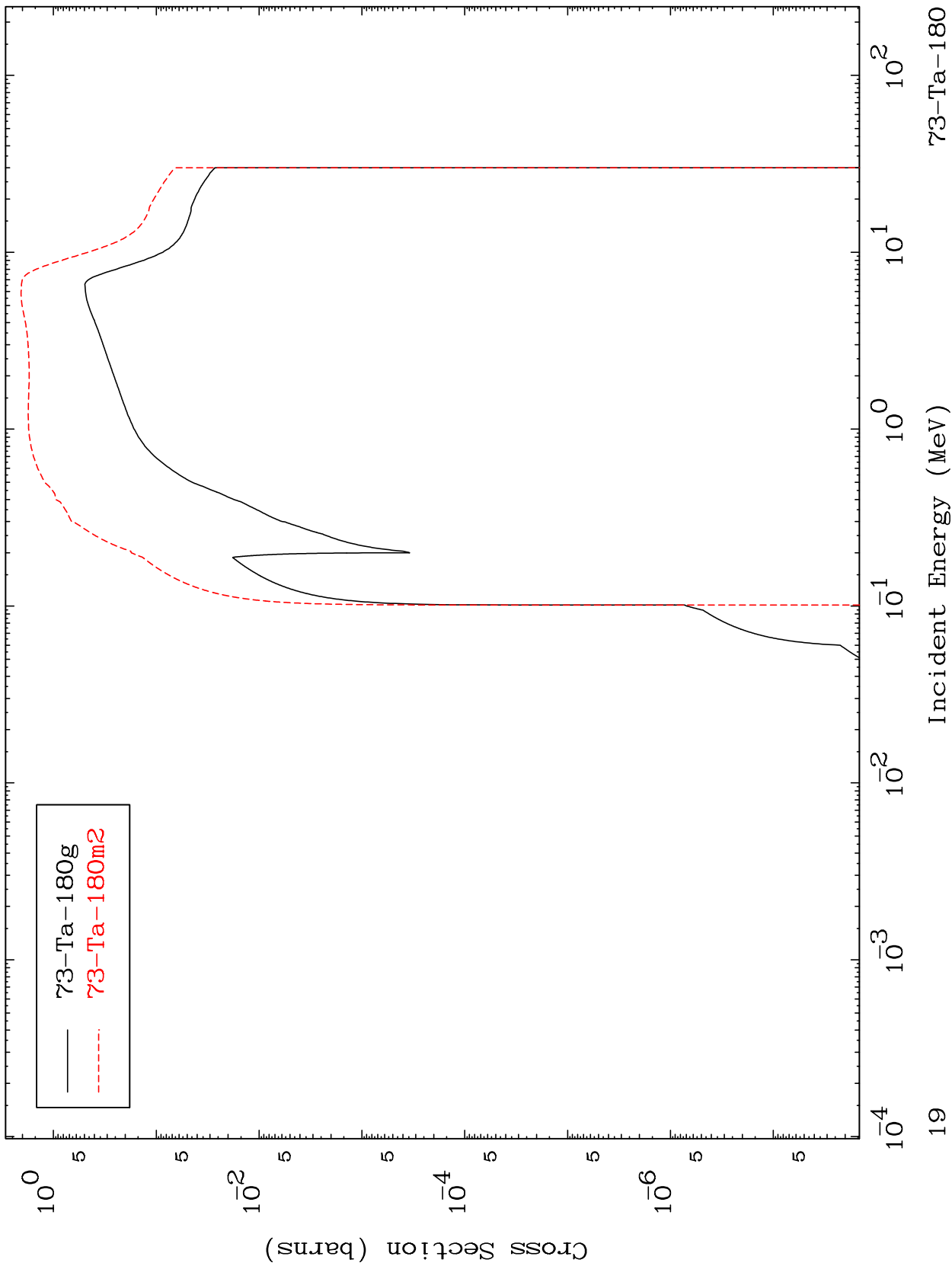
Incident Energy (MeV)

73-Ta-180

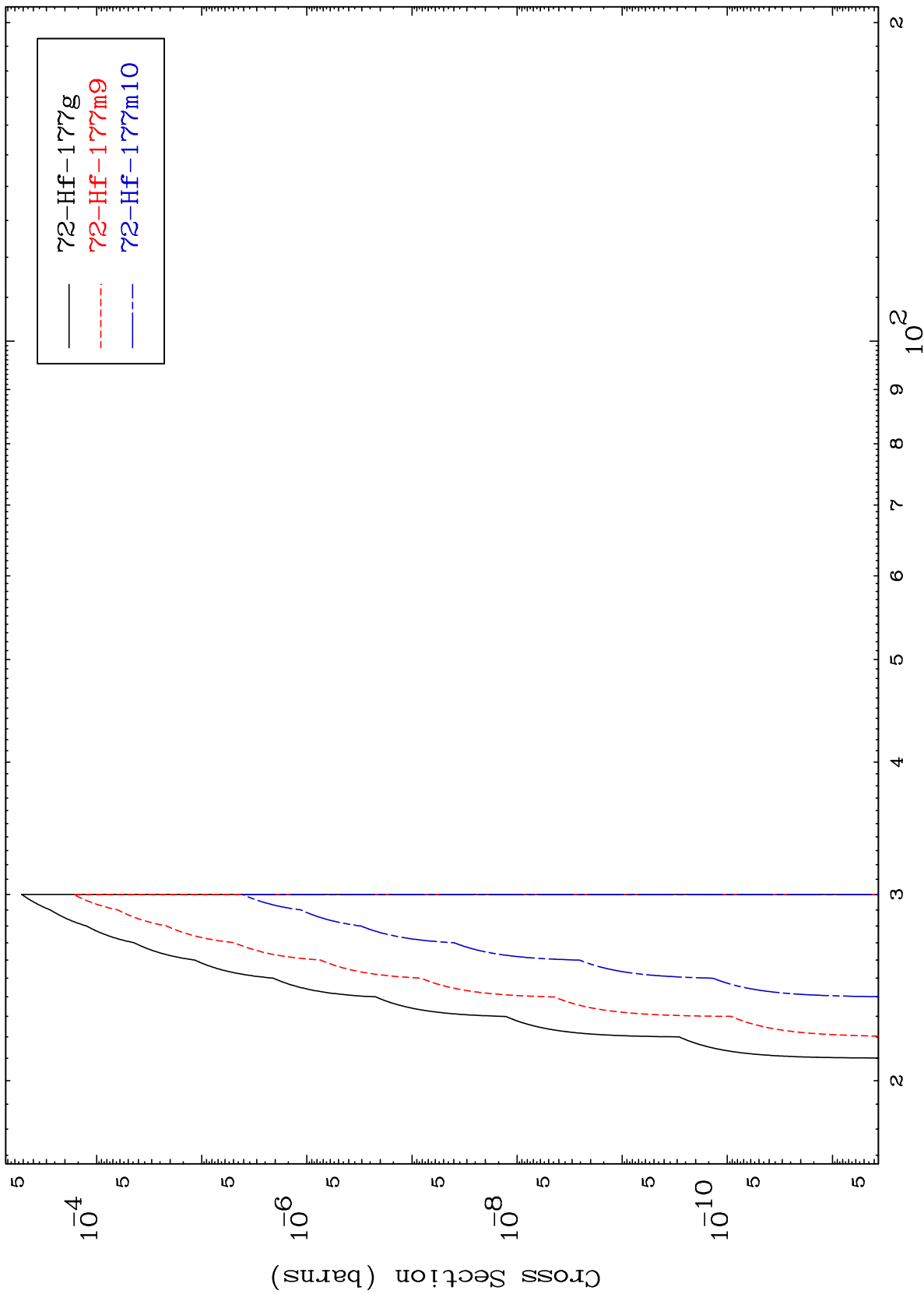
MAT 7326

73-Ta-180

Inelastic
Radionuclide Production Cross Section



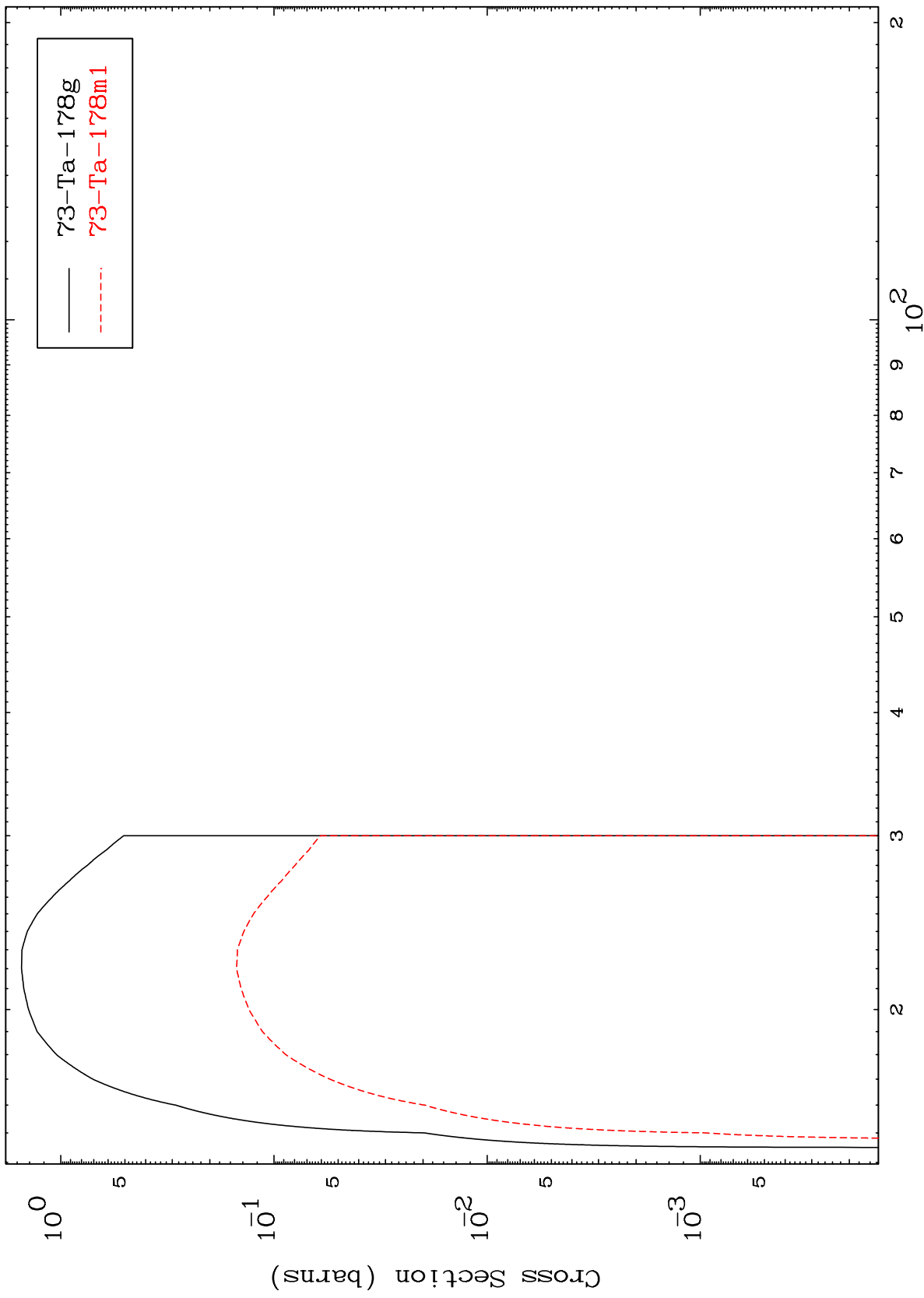
Radionuclide Production Cross Section



MAT 7326

73-Ta-180

(n,3n)
Radionuclide Production Cross Section

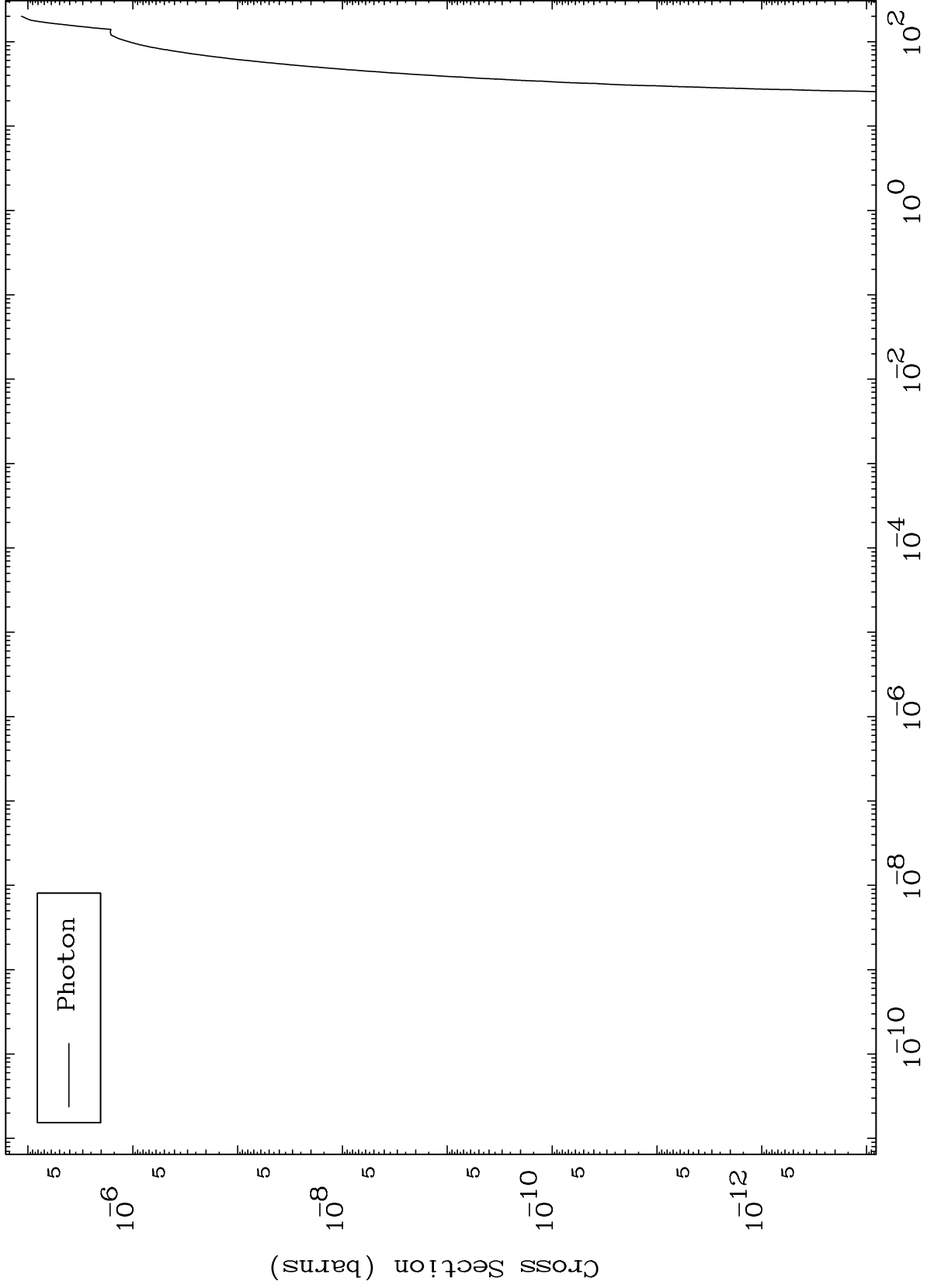


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Fission

⁷³Ta-180

Radionuclide Production Cross Section

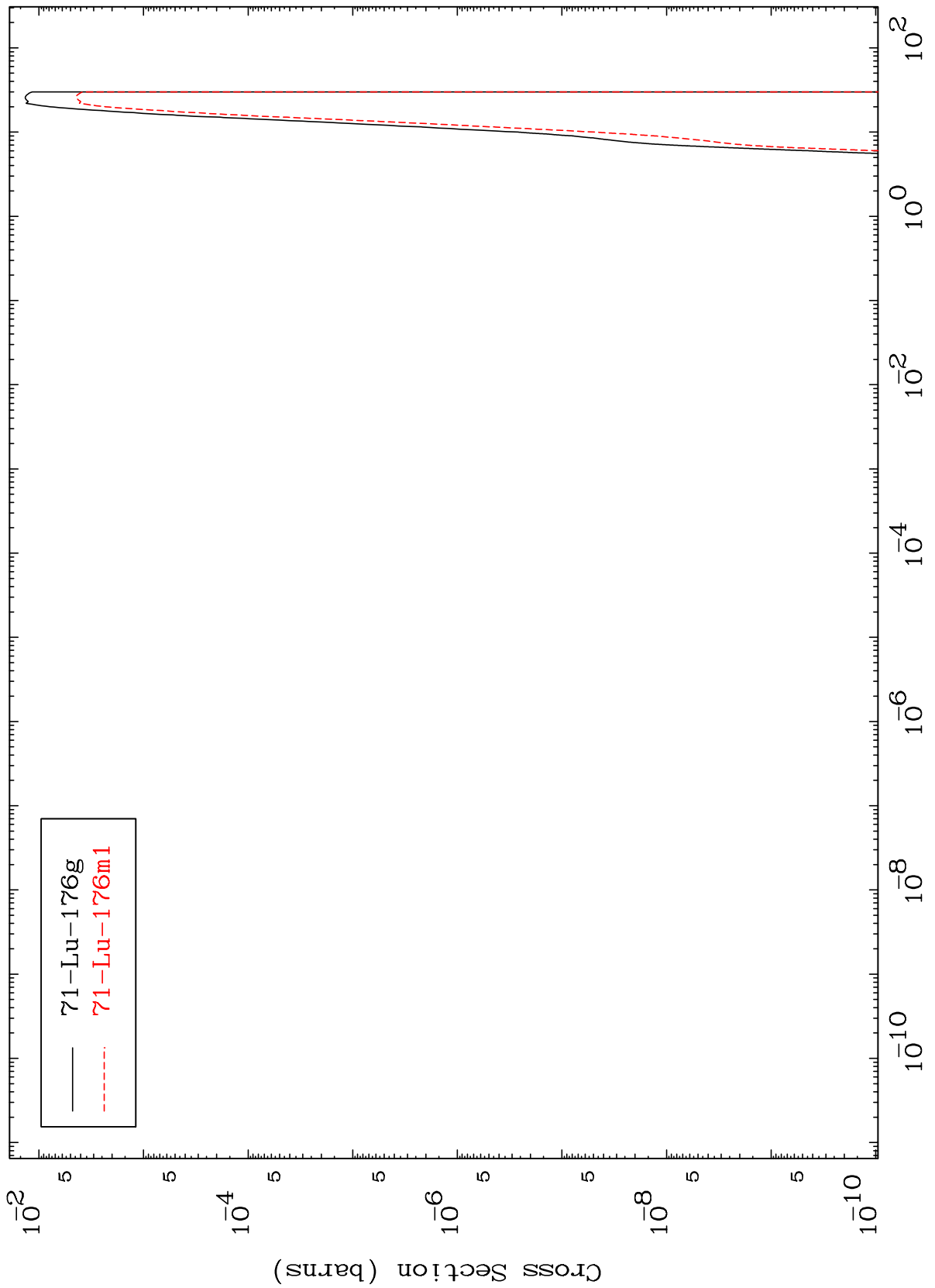


MAT 7326

$(n, n') \alpha$

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

Radionuclide Production Cross Section

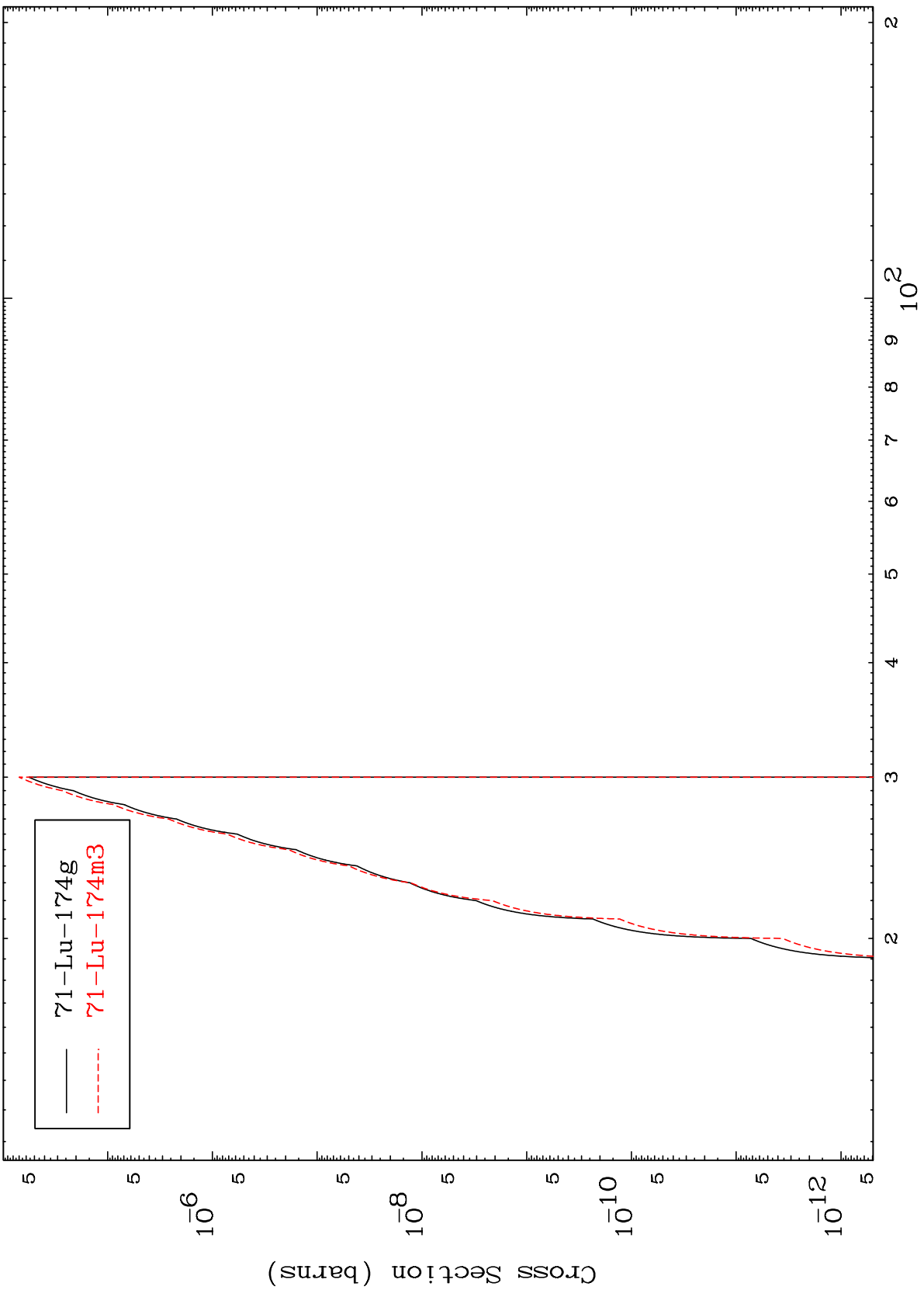


MAT 7326

(n,3n) α

⁷³Ta-180

Radionuclide Production Cross Section

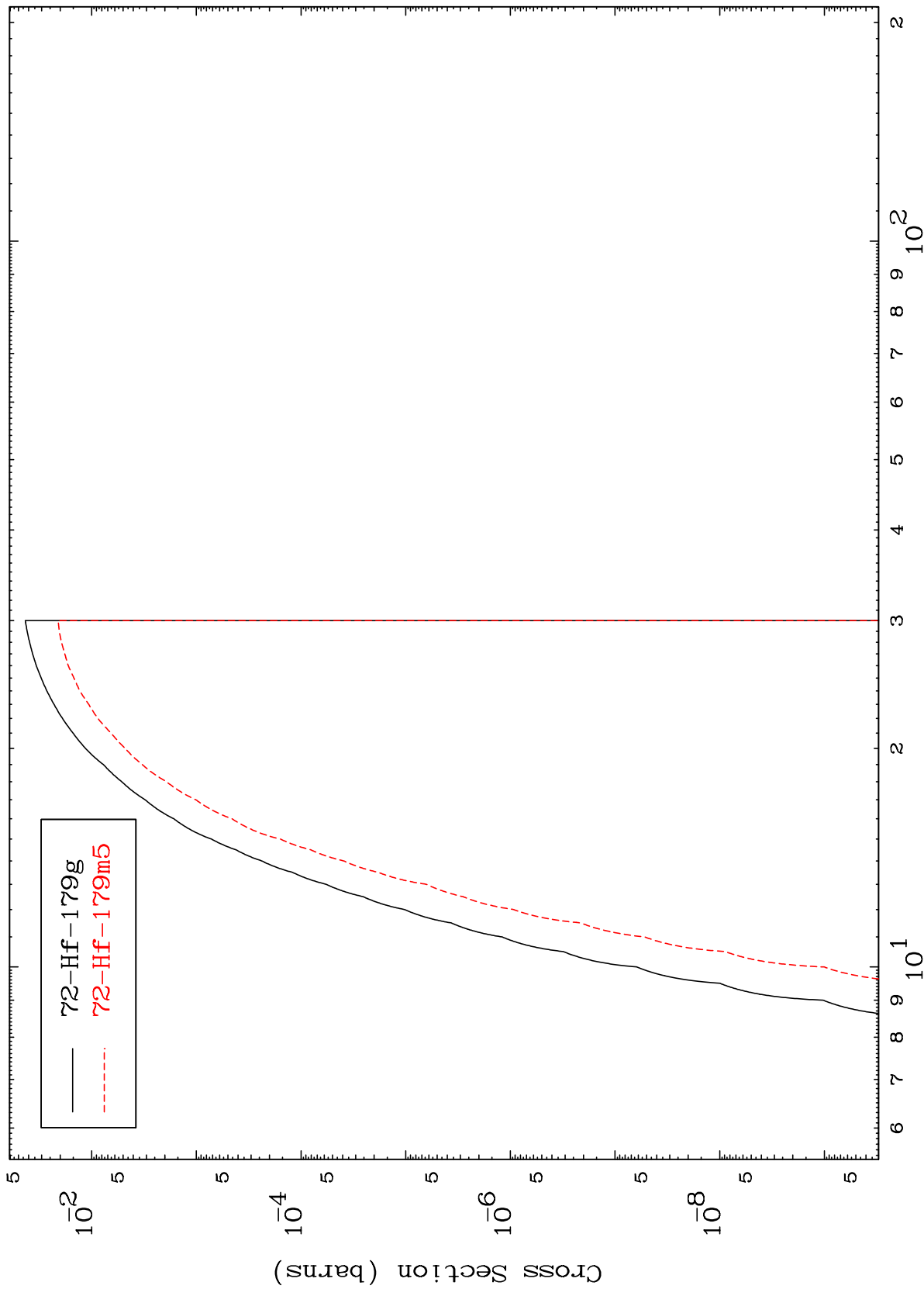


MAT 7326

(n,n') p

73-Ta-180

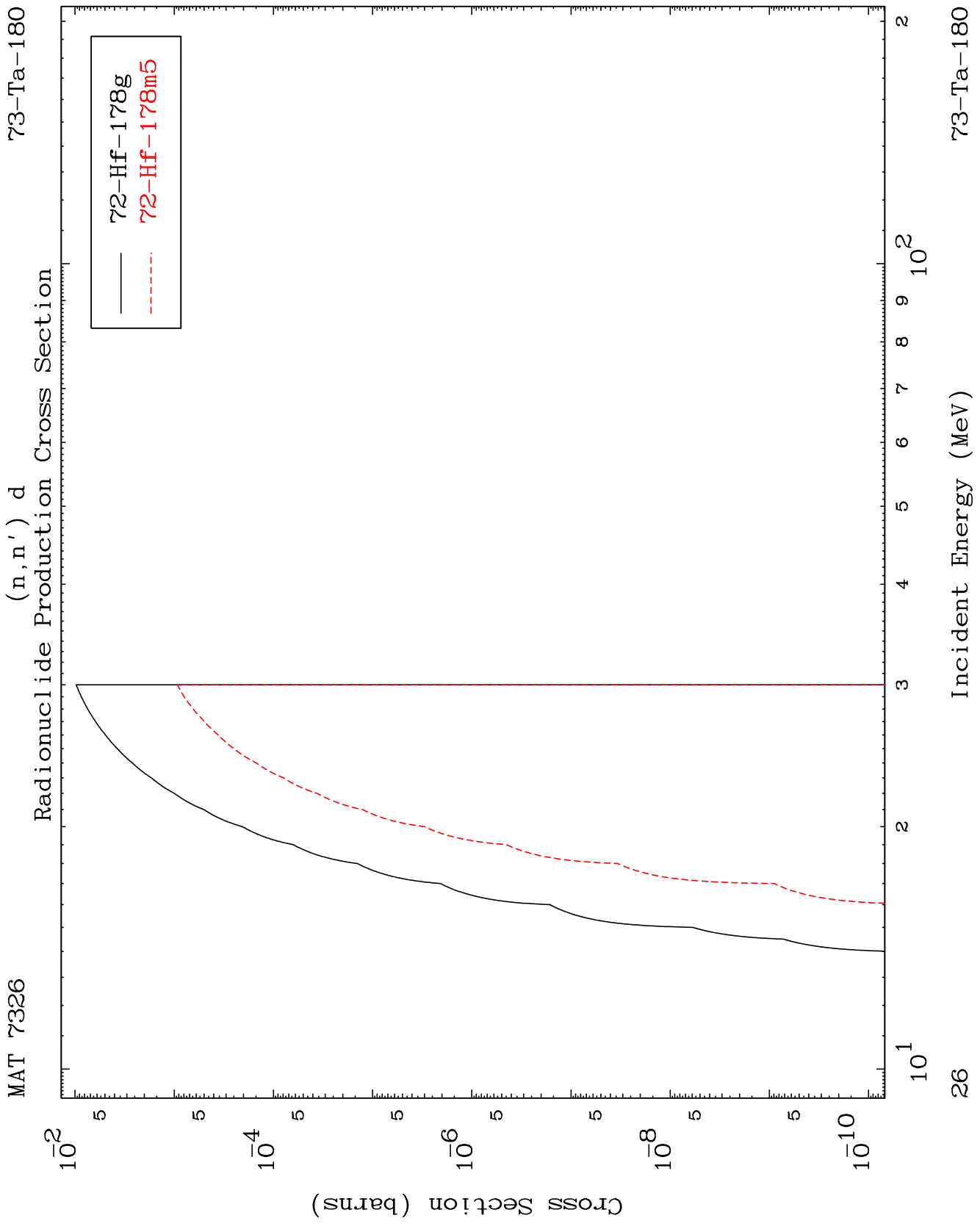
Radionuclide Production Cross Section

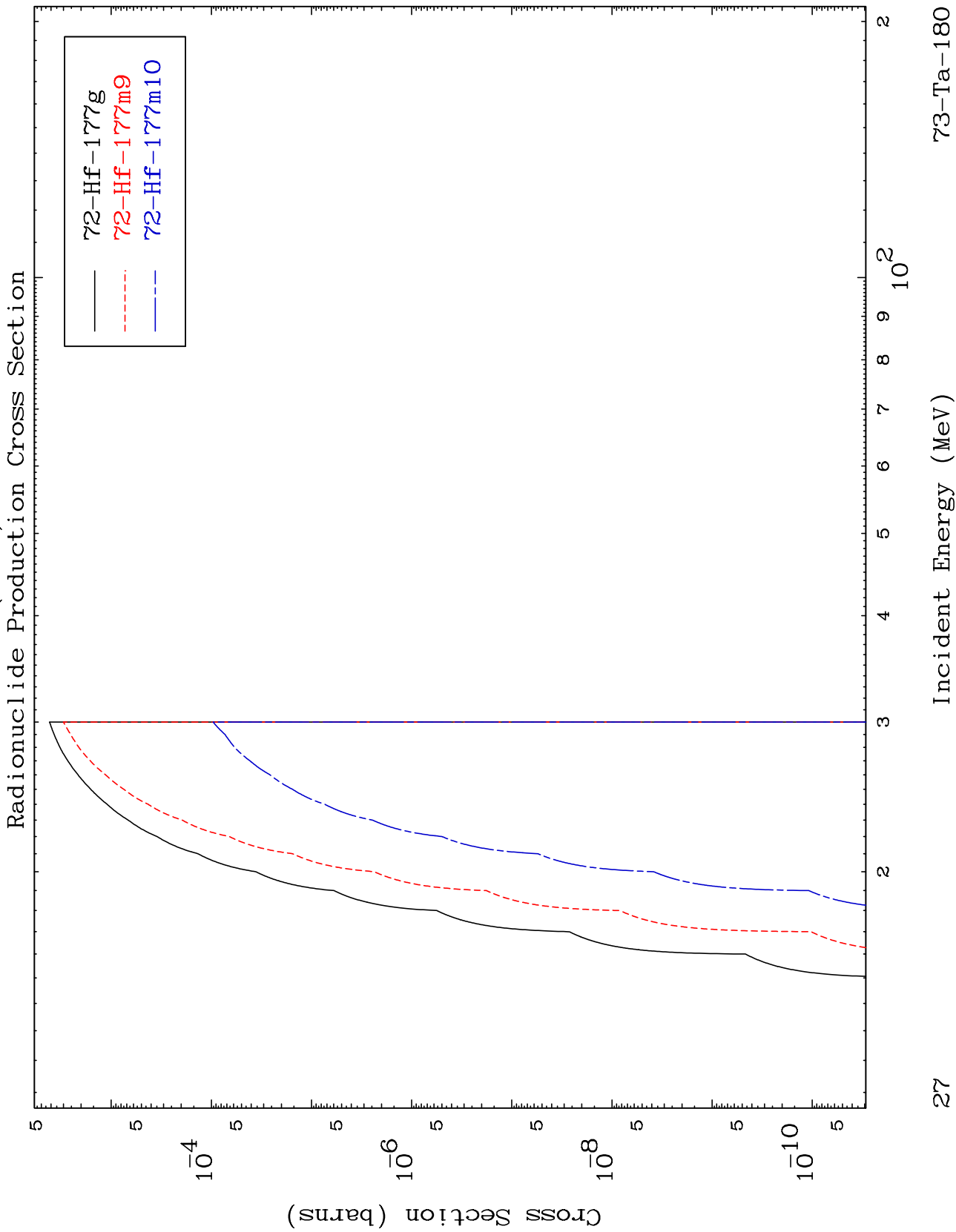


25

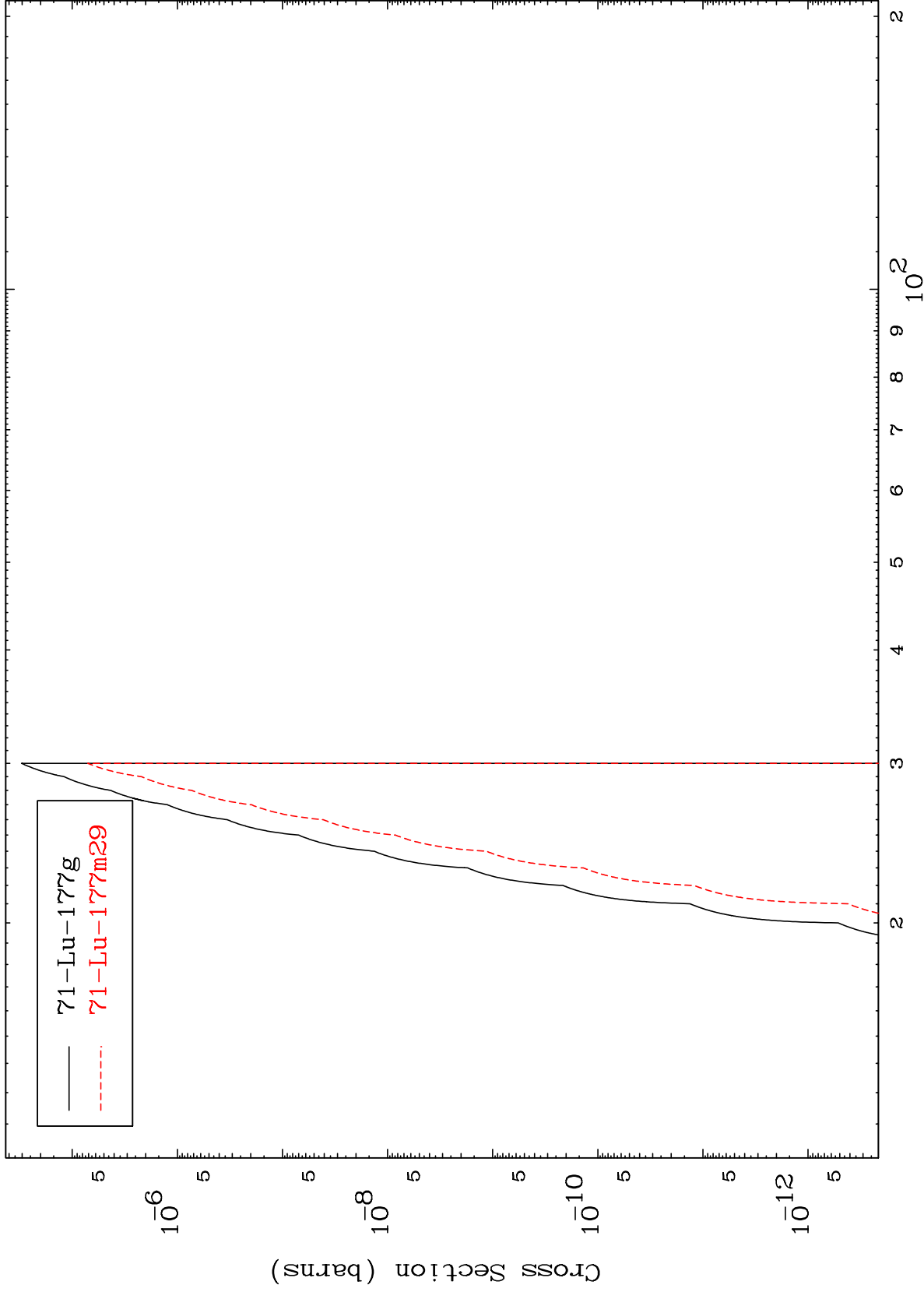
Incident Energy (MeV)

73-Ta-180

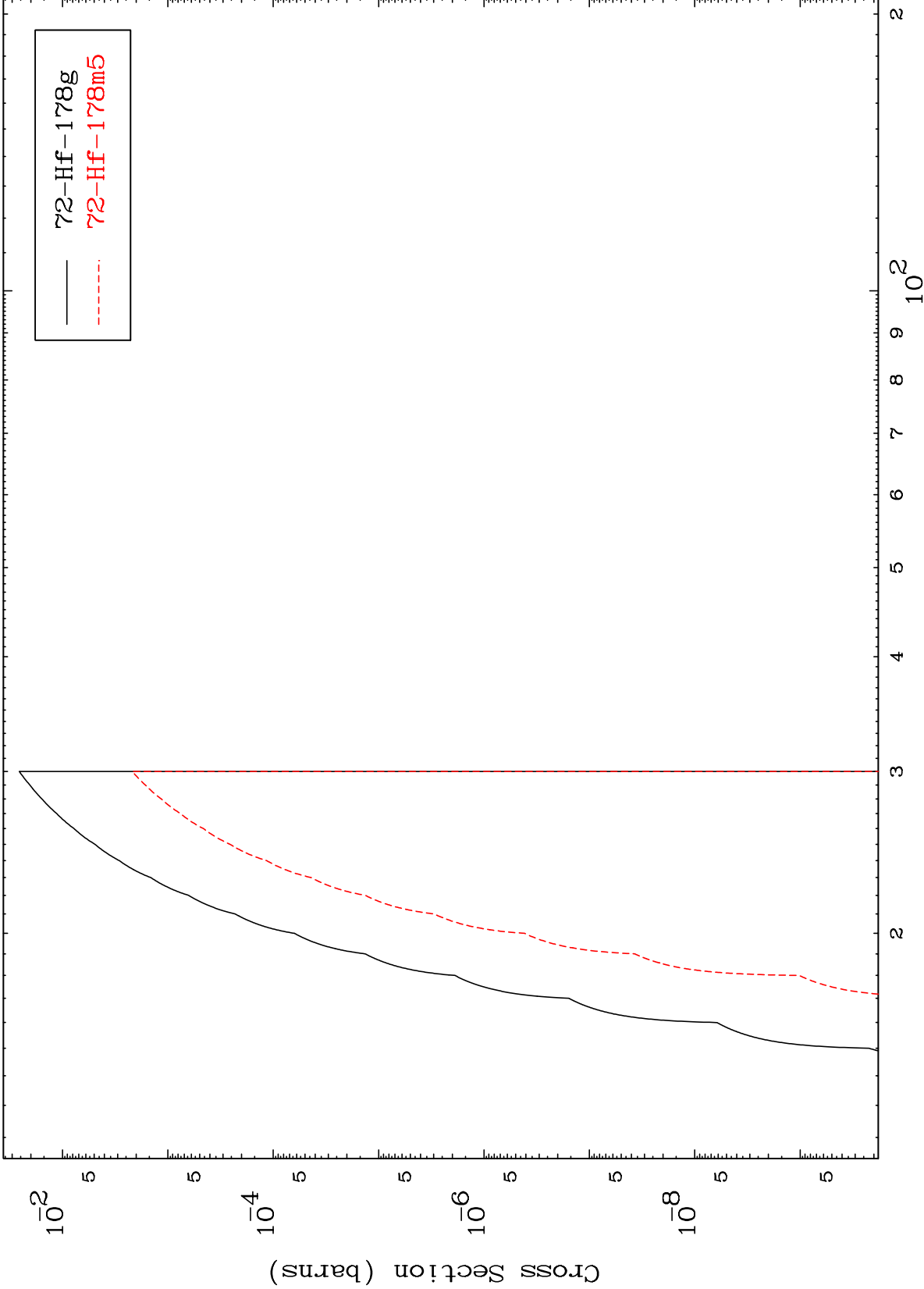




Radionuclide Production Cross Section



Radionuclide Production Cross Section

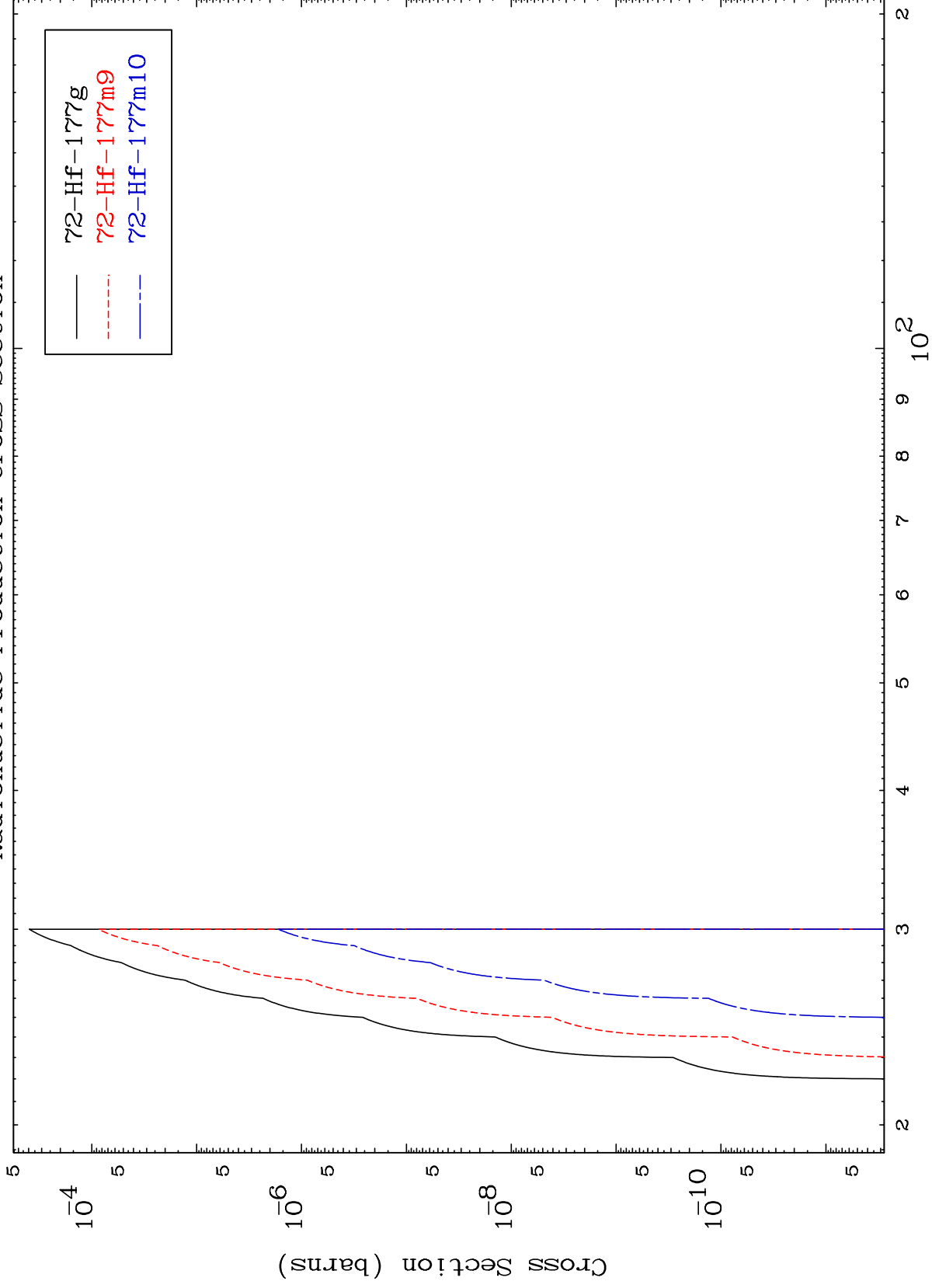


MAT 7326

(n,3n) p

⁷³Ta-180

Radionuclide Production Cross Section



30

Incident Energy (MeV)

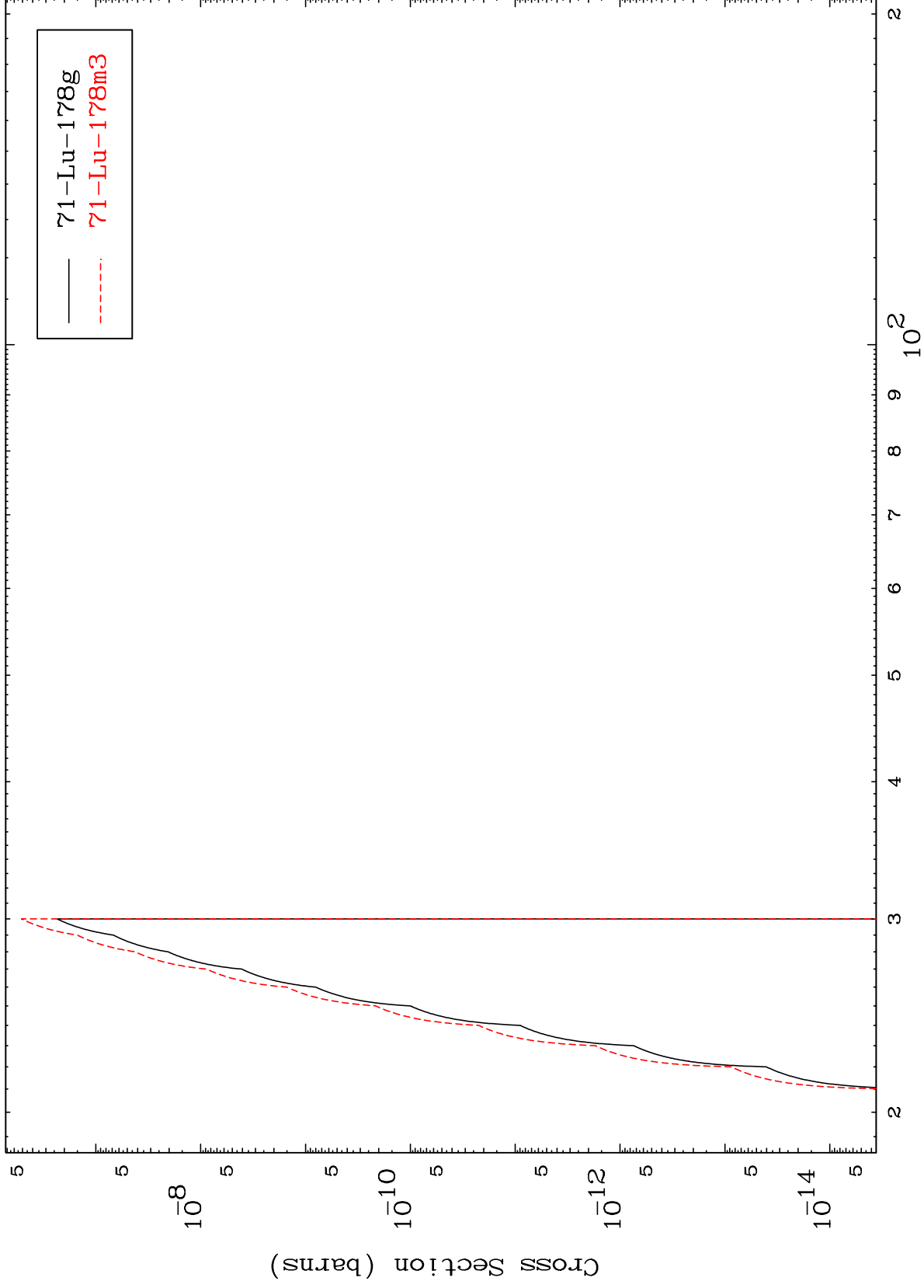
⁷³Ta-180

MAT 7326

$(n,2n)$ p

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

Radionuclide Production Cross Section



31

Incident Energy (MeV)

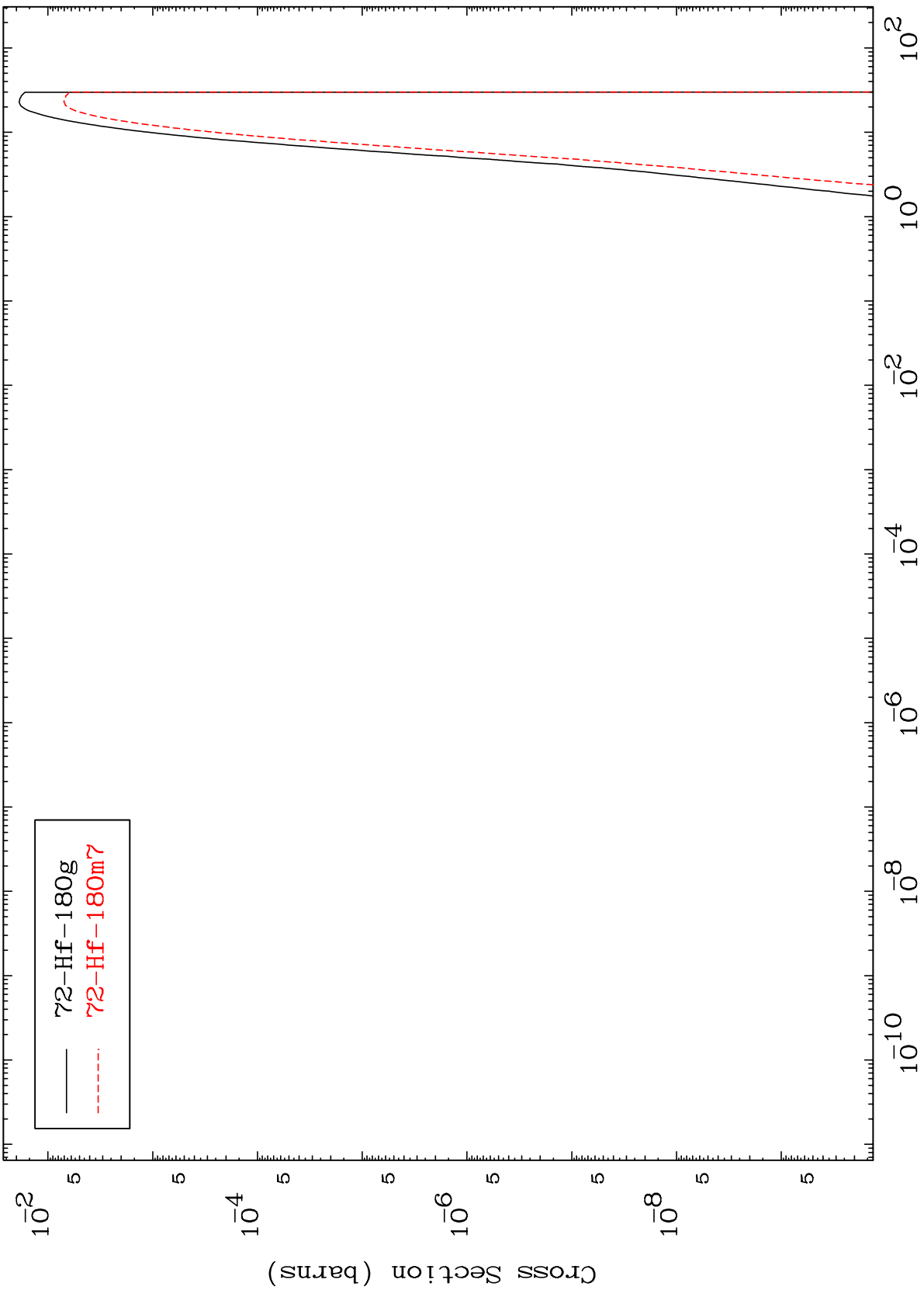
$^{73}\text{Ta-180}$

MAT 7326

(n,p)

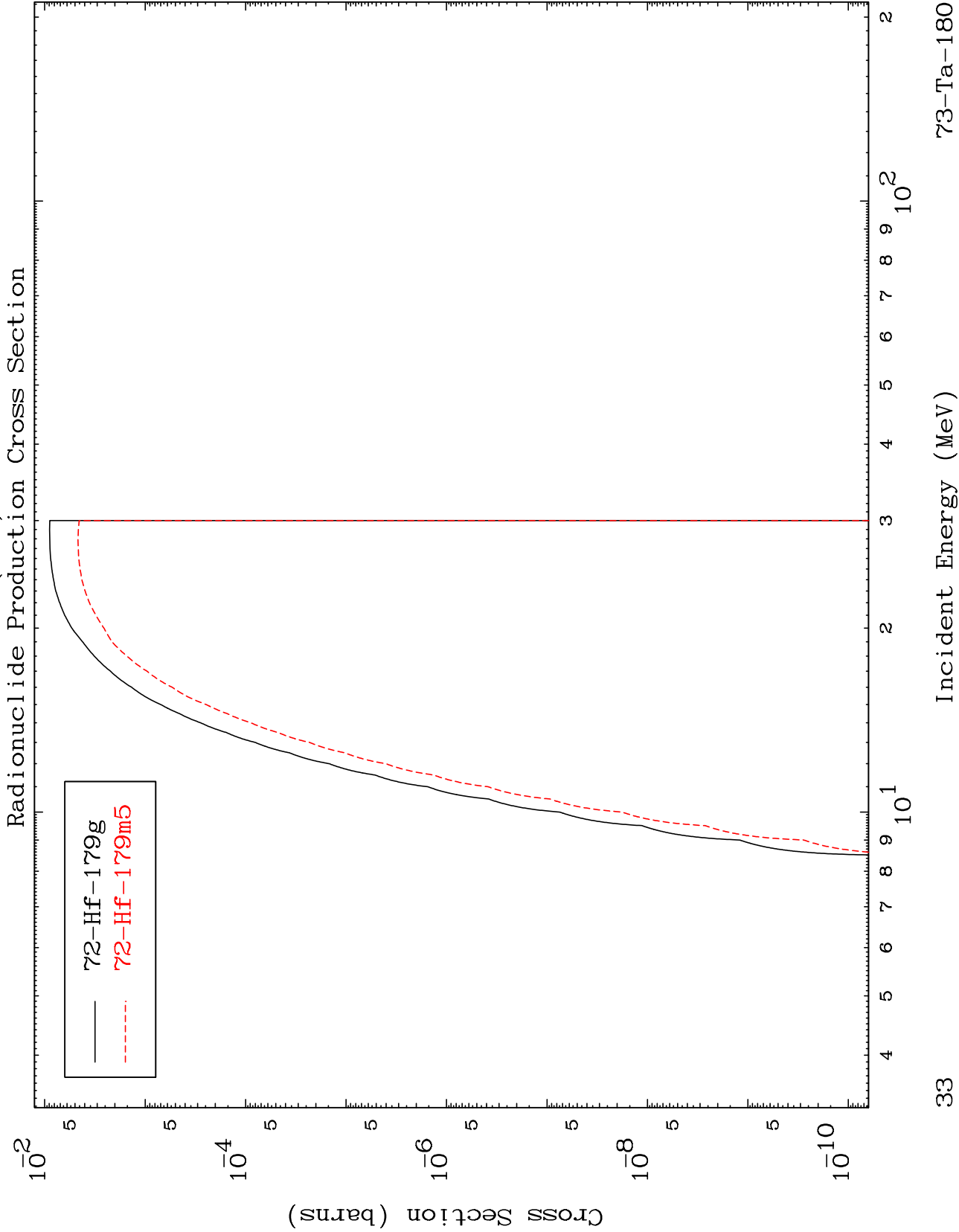
⁷³Ta-180

Radionuclide Production Cross Section



MAT 7326

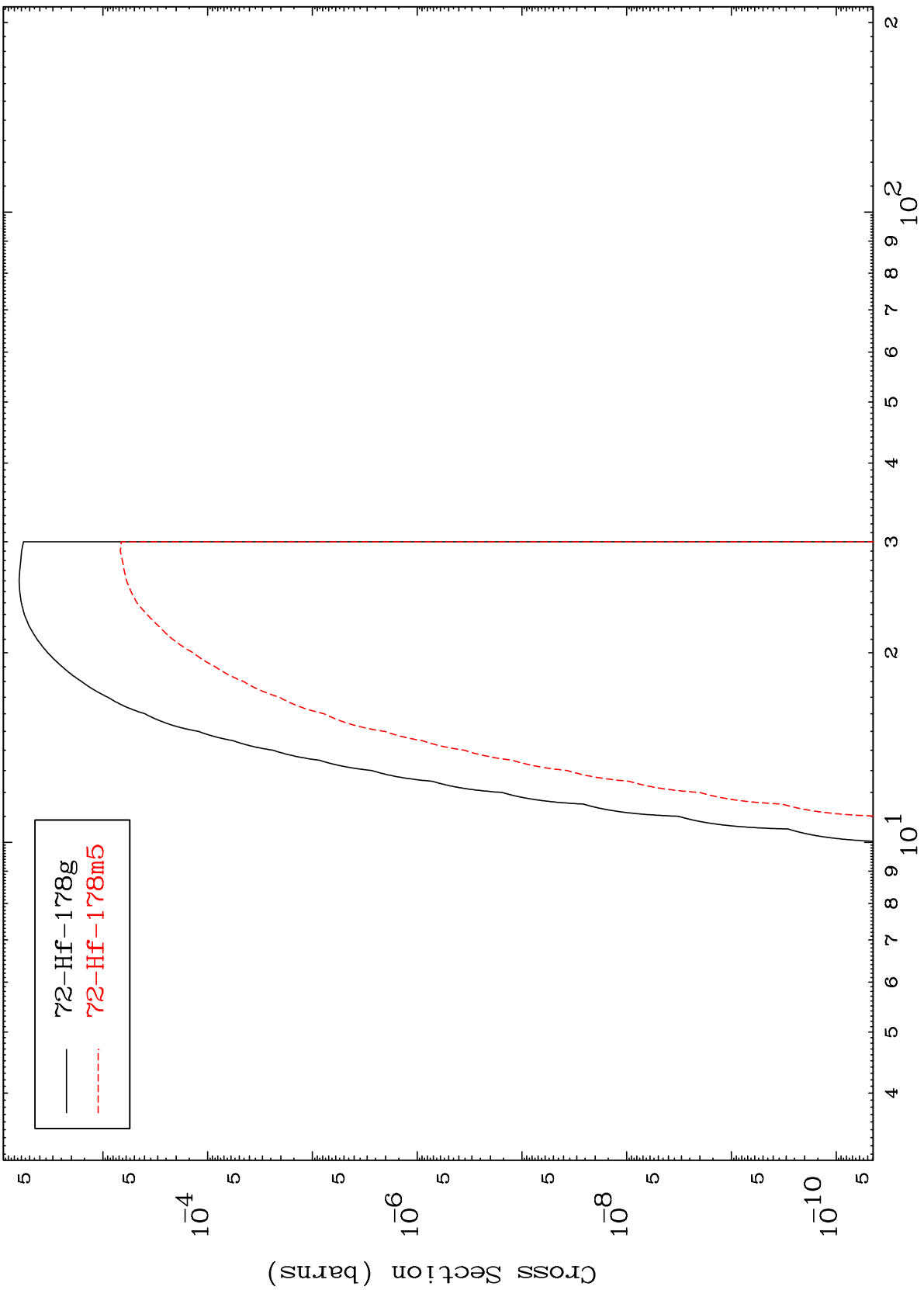
73-Ta-180



MAT 7326

⁷³Ta-180

(n, t)
Radionuclide Production Cross Section



— 72-Hf-178g
- - - 72-Hf-178m5

Incident Energy (MeV)

⁷³Ta-180

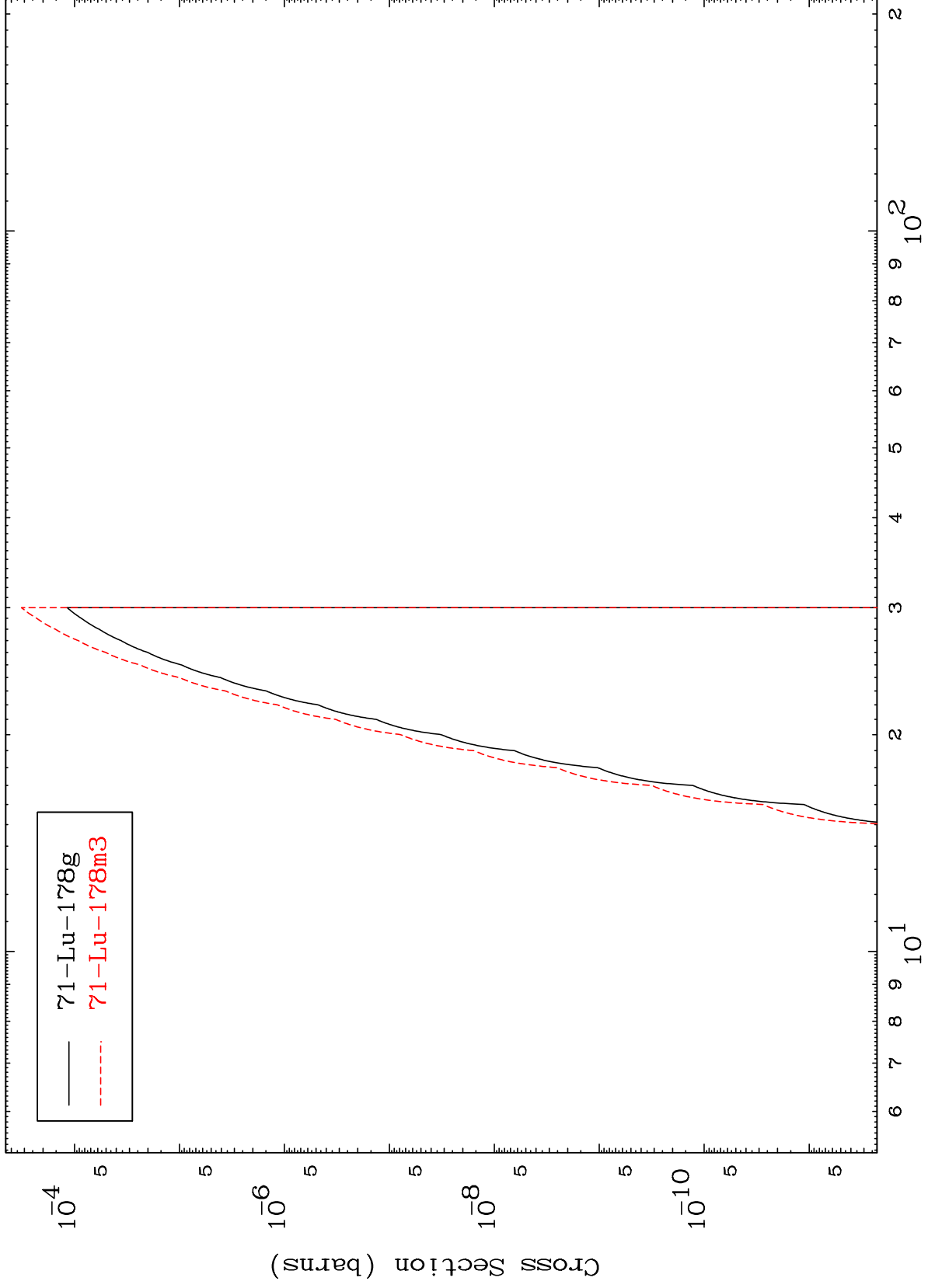
34

MAT 7326

(n,He-3)

73-Ta-180

Radionuclide Production Cross Section



35

Incident Energy (MeV)

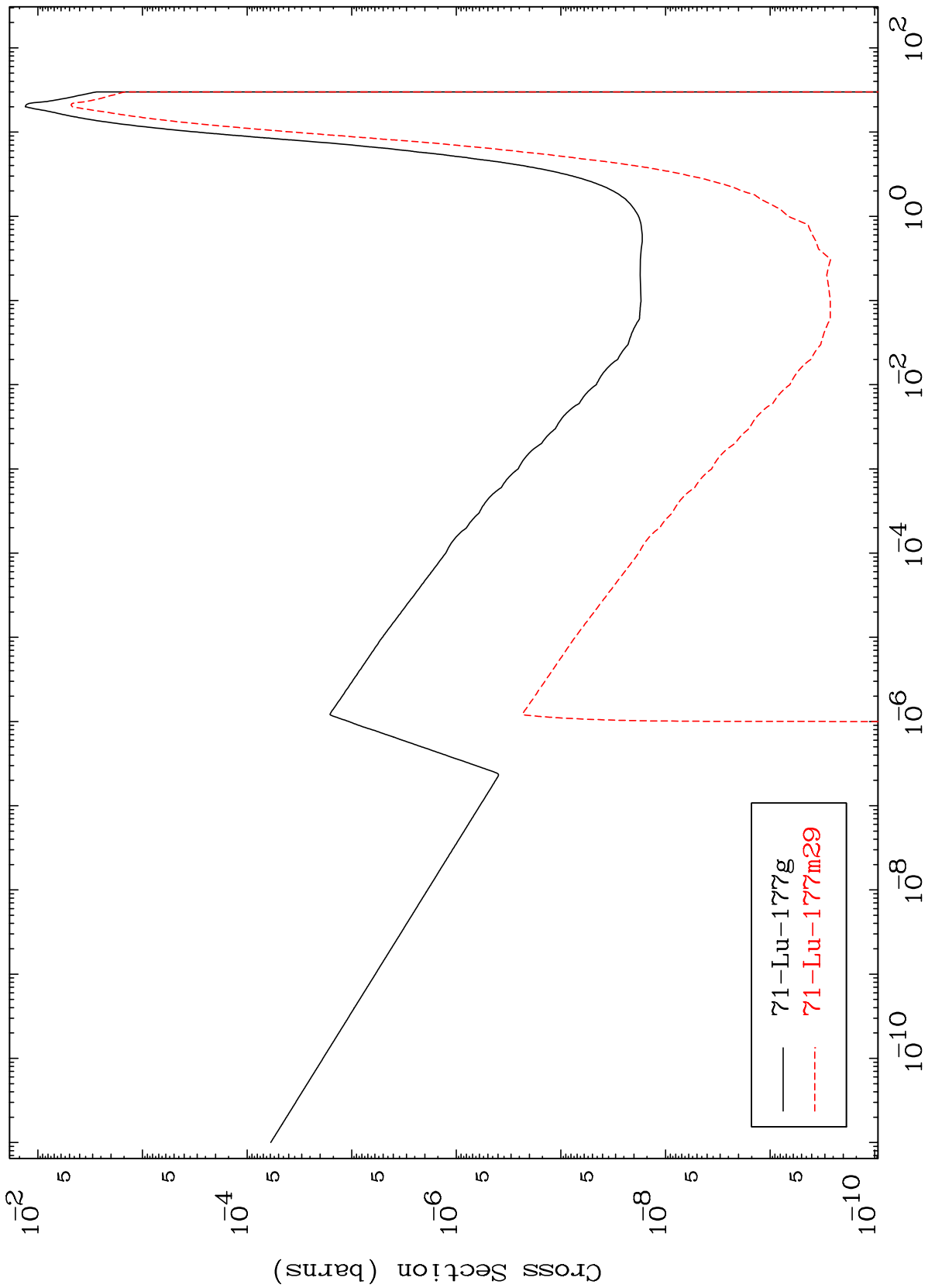
73-Ta-180

MAT 7326

(n, α)

73-Ta-180

Radionuclide Production Cross Section

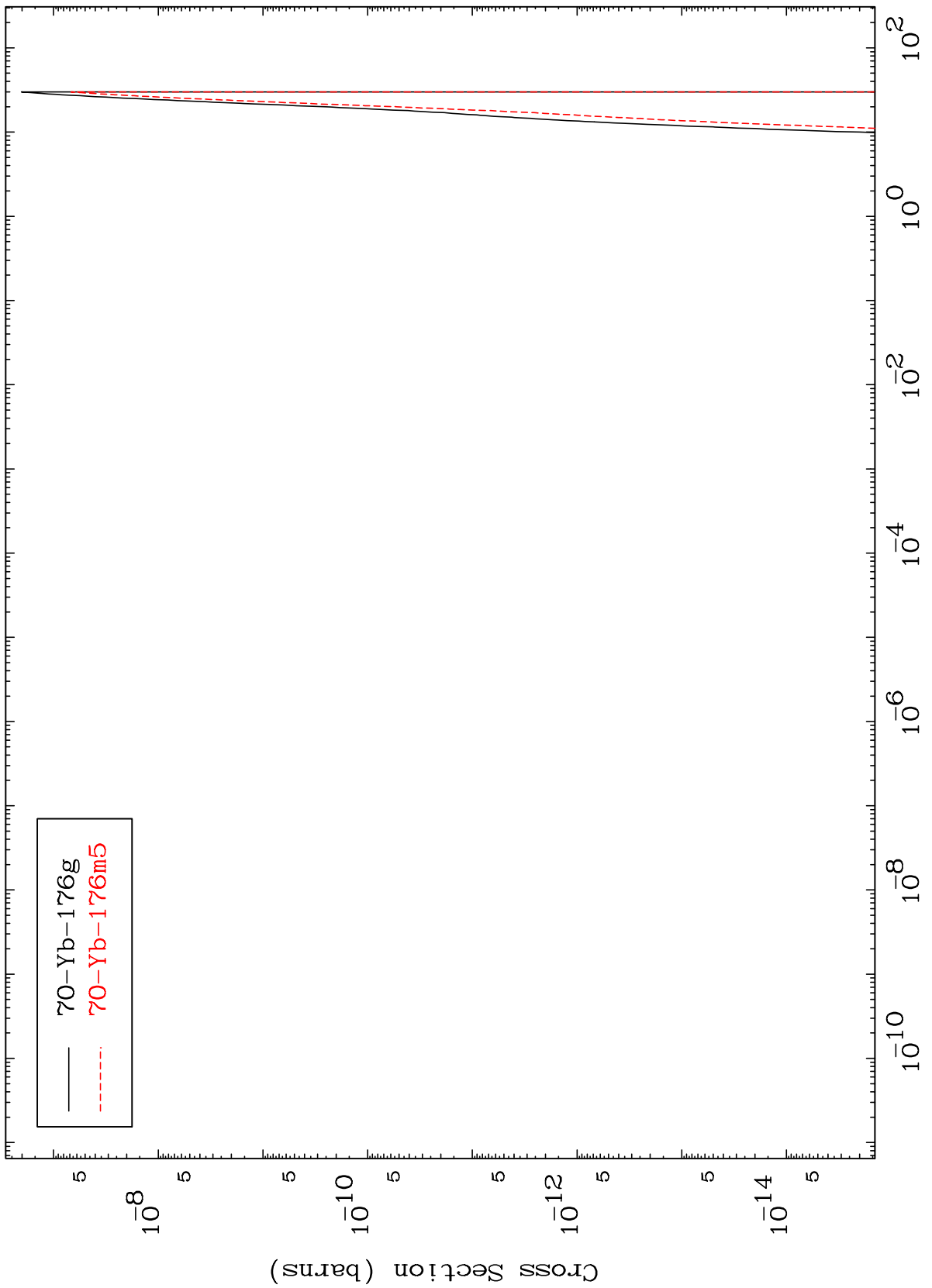


MAT 7326

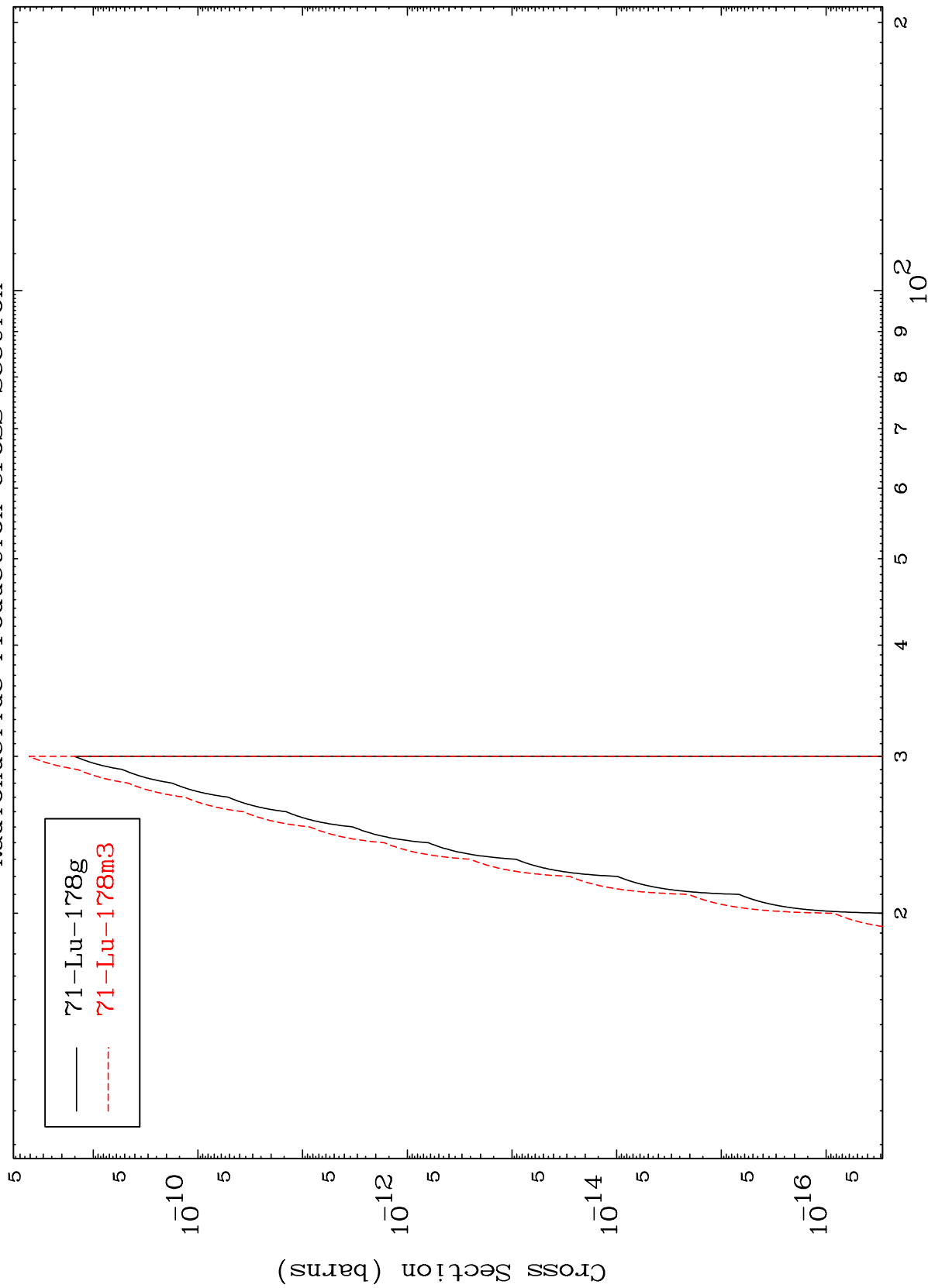
(n,p) α

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

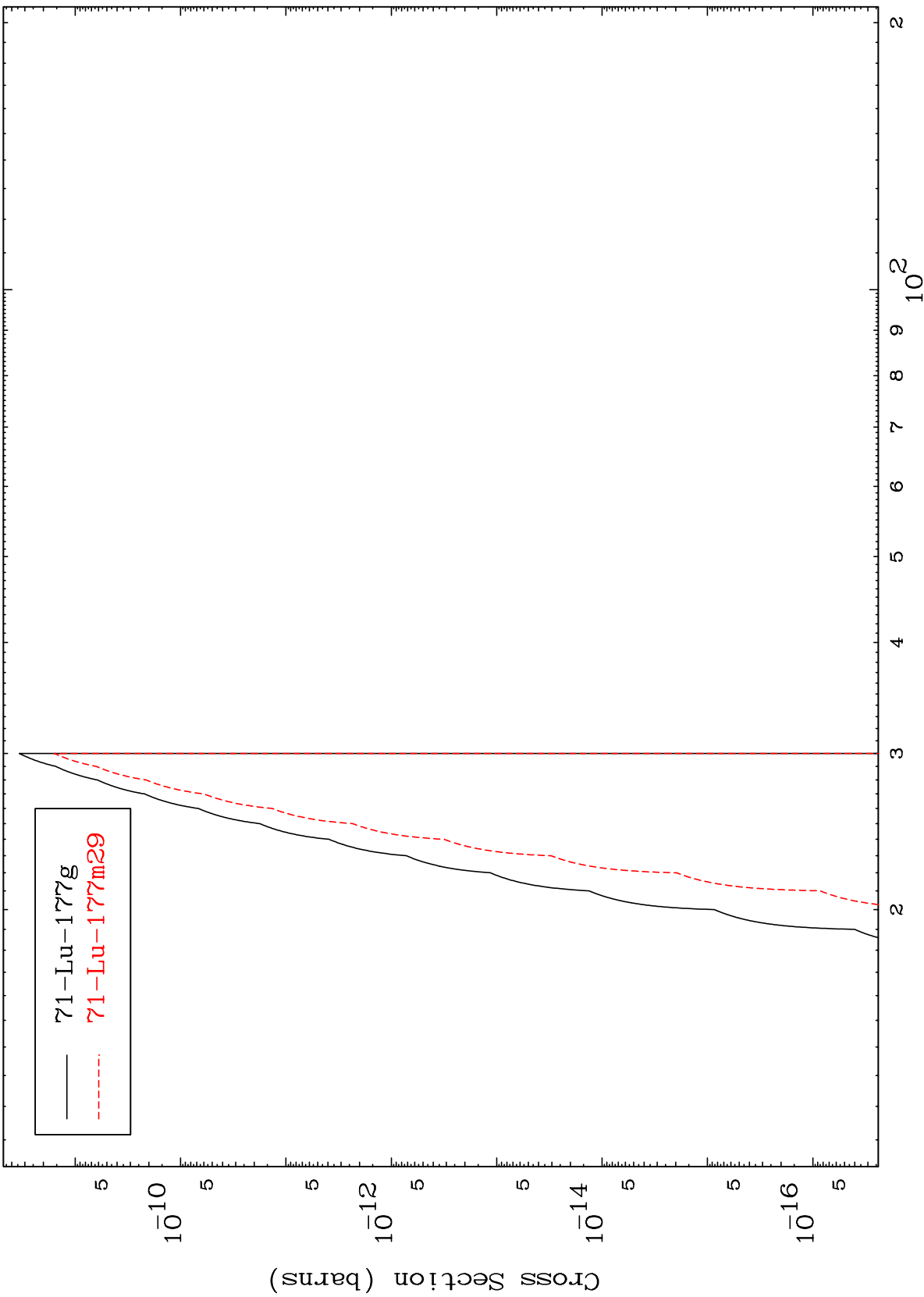


MAT 7326

(n,p) t

⁷³Ta-180

Radionuclide Production Cross Section



— 71-Lu-177g
- - - 71-Lu-177m29