

Program EVALPLOT
(Version 2018-1)

by

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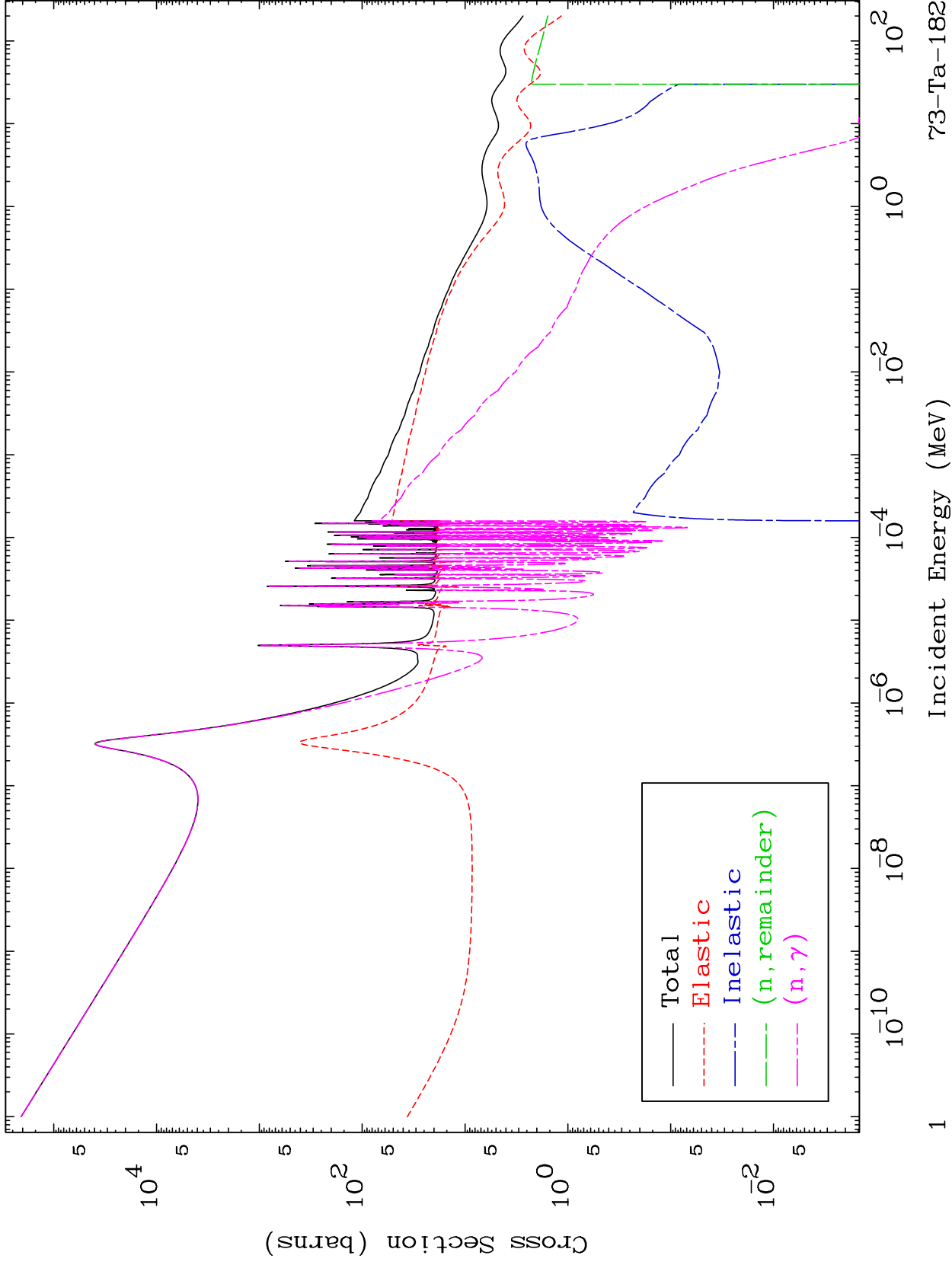
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7332

Major
293 Kelvin Cross Sections

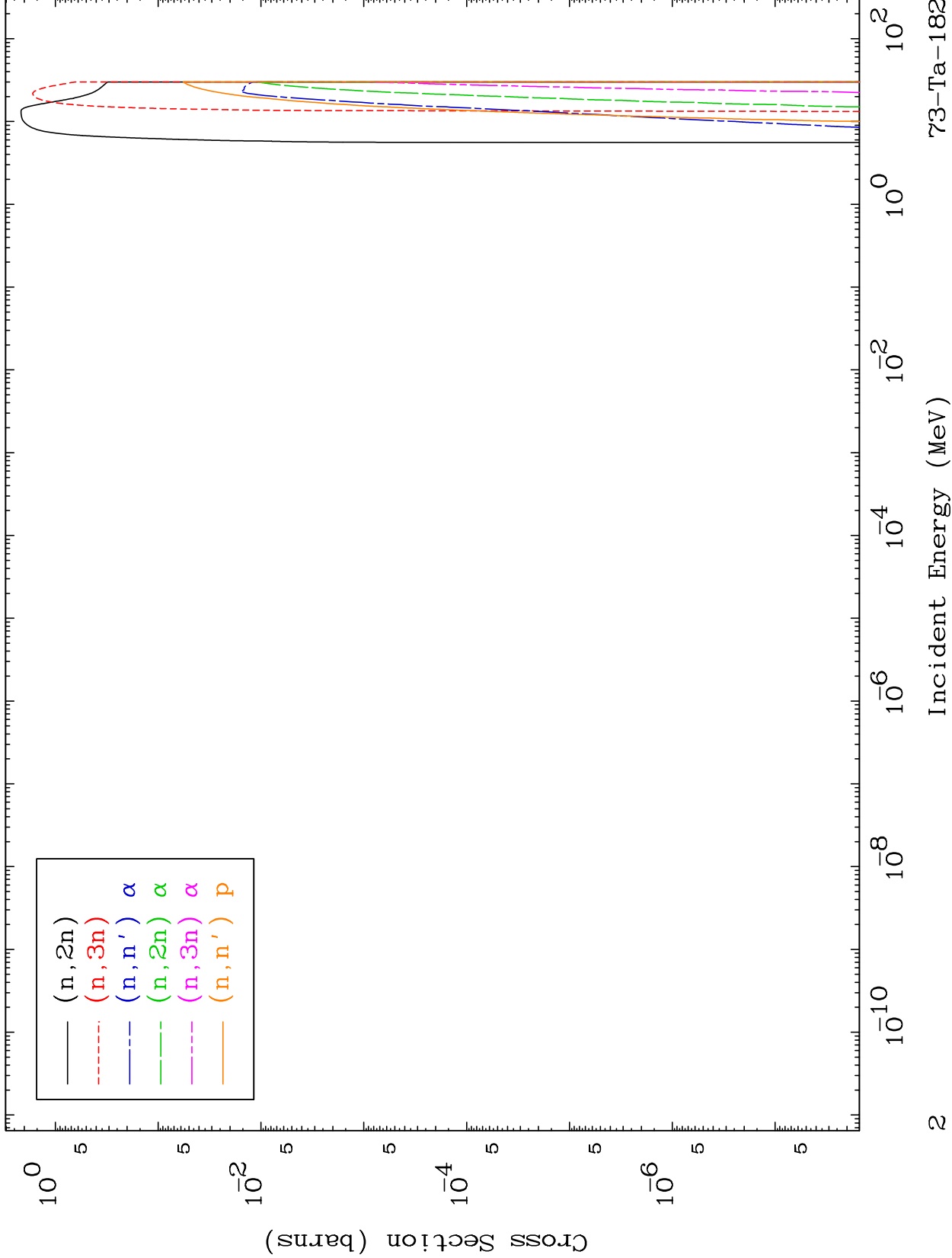
73-Ta-182



MAT 7332

Neutron Production
293 Kelvin Cross Sections

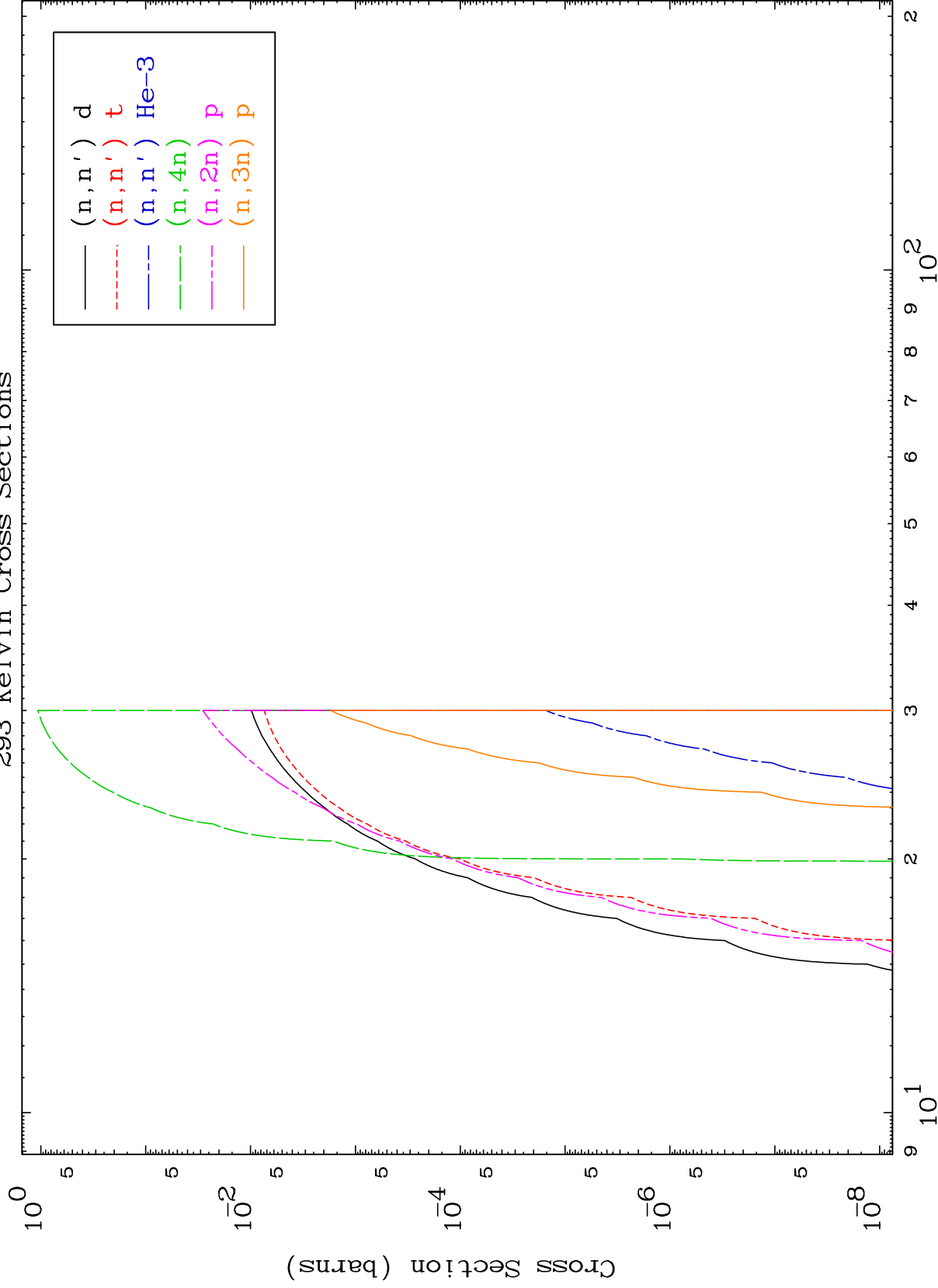
73-Ta-182



MAT 7332

Neutron Production
293 Kelvin Cross Sections

73-Ta-182



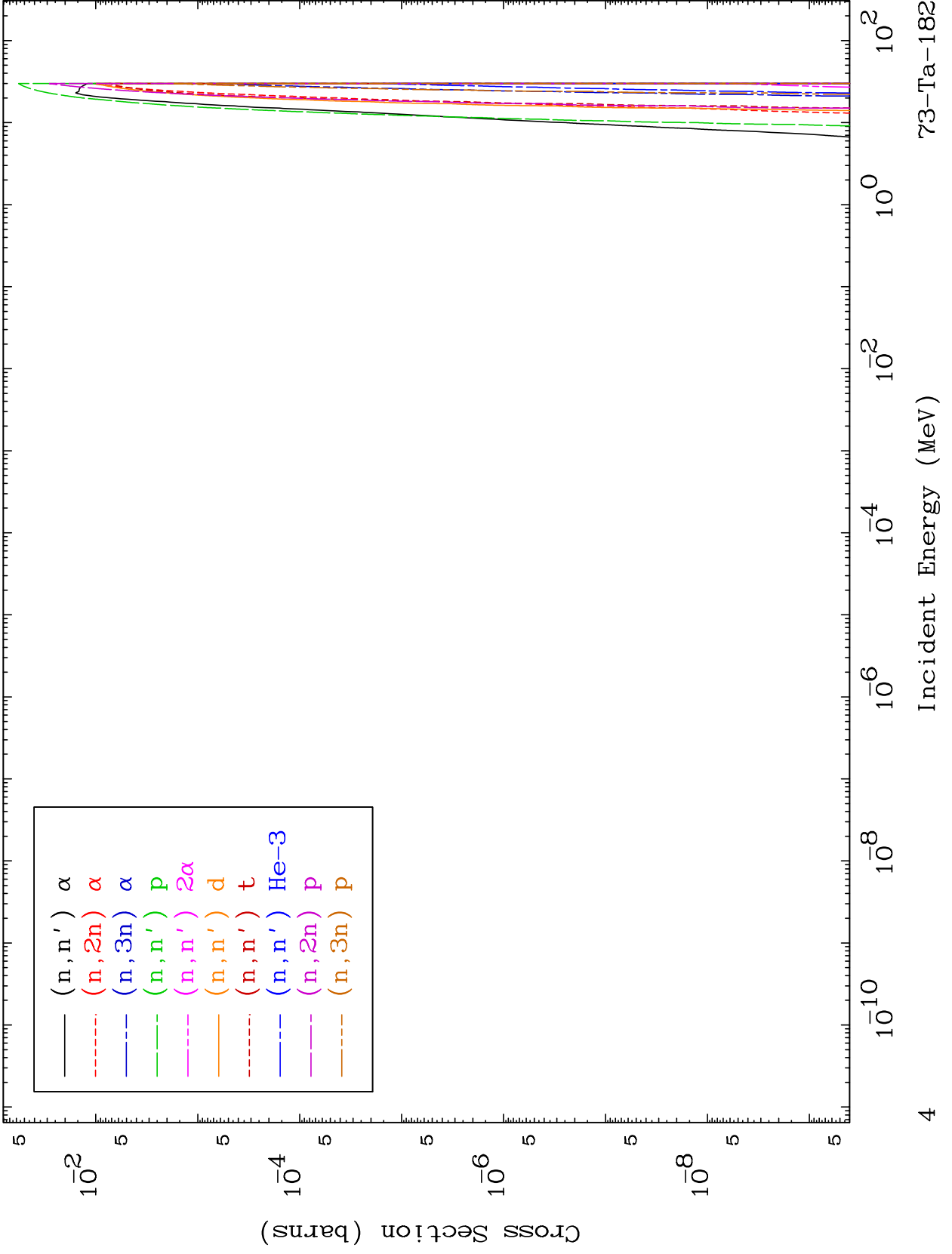
Incident Energy (MeV)

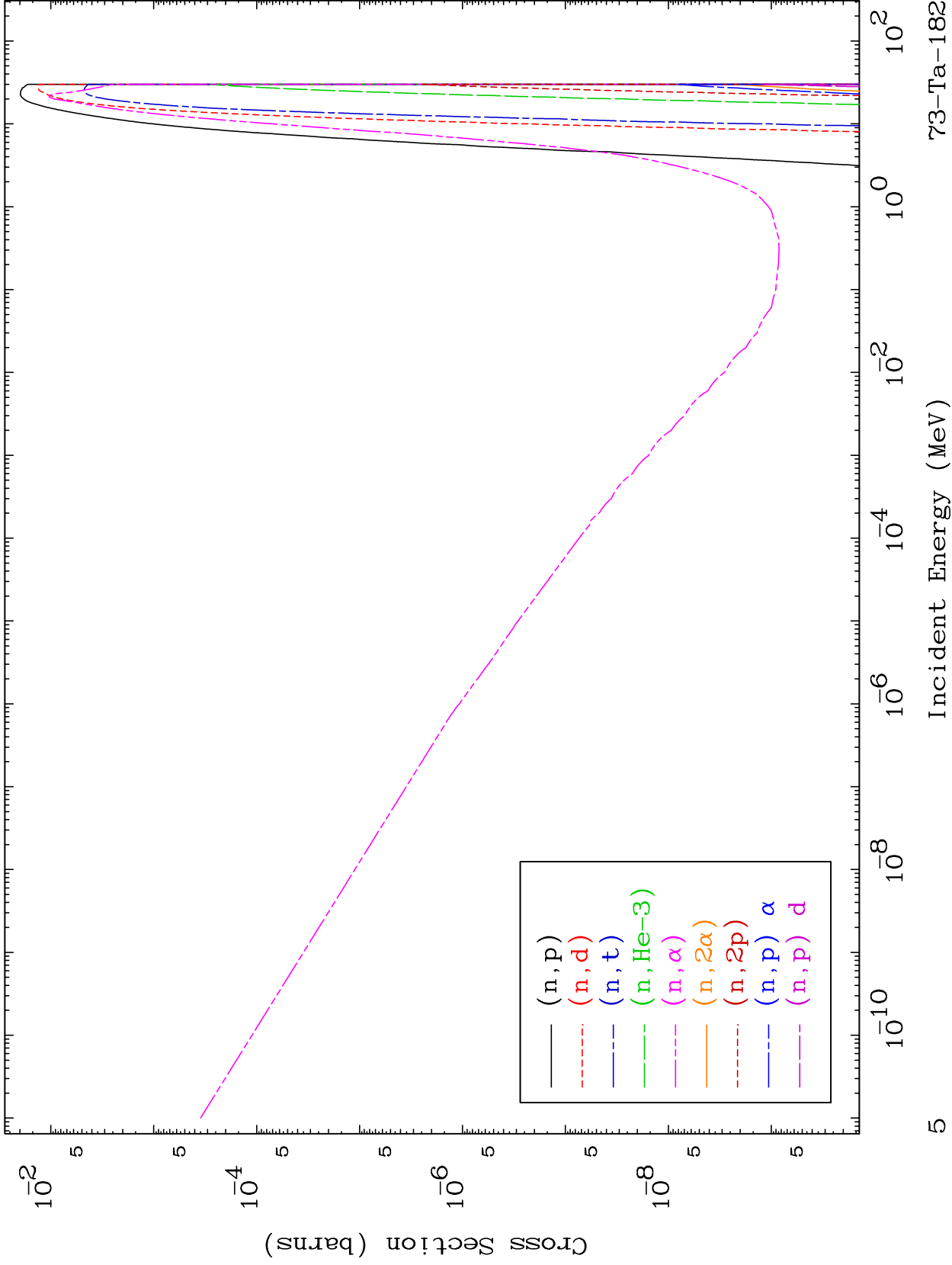
73-Ta-182

MAT 7332

Charged Particle
293 Kelvin Cross Sections

73-Ta-182

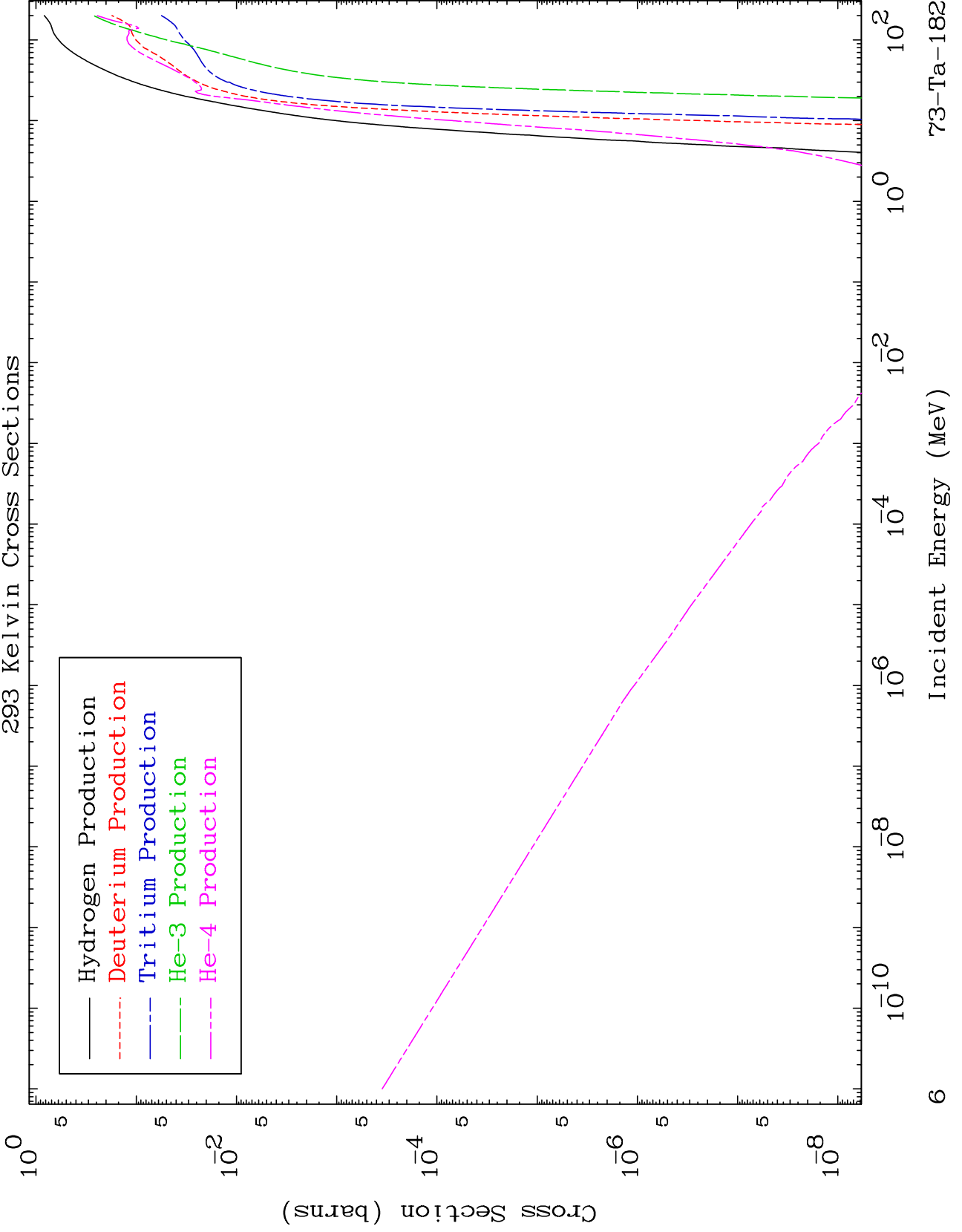




MAT 7332

Particle Production
293 Kelvin Cross Sections

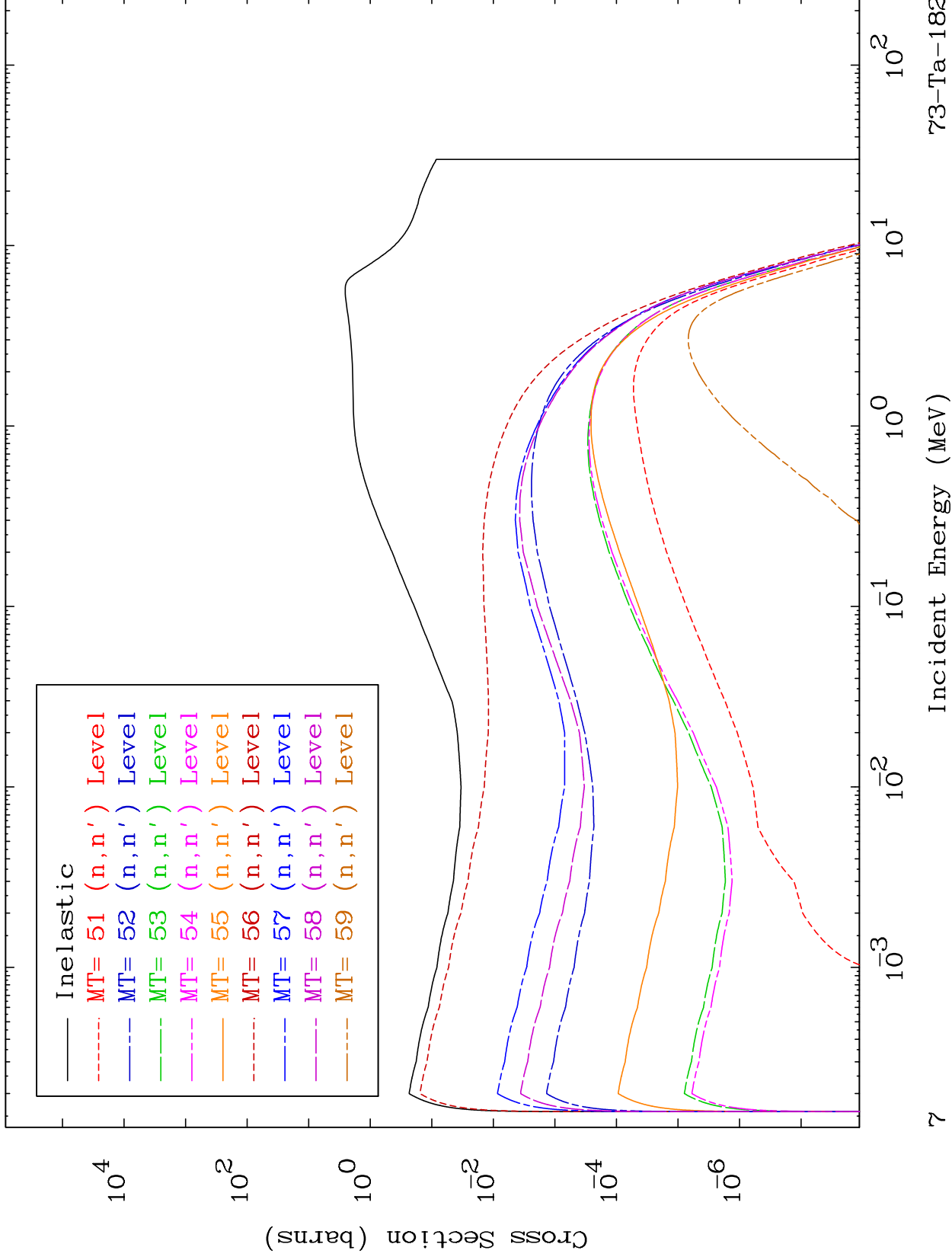
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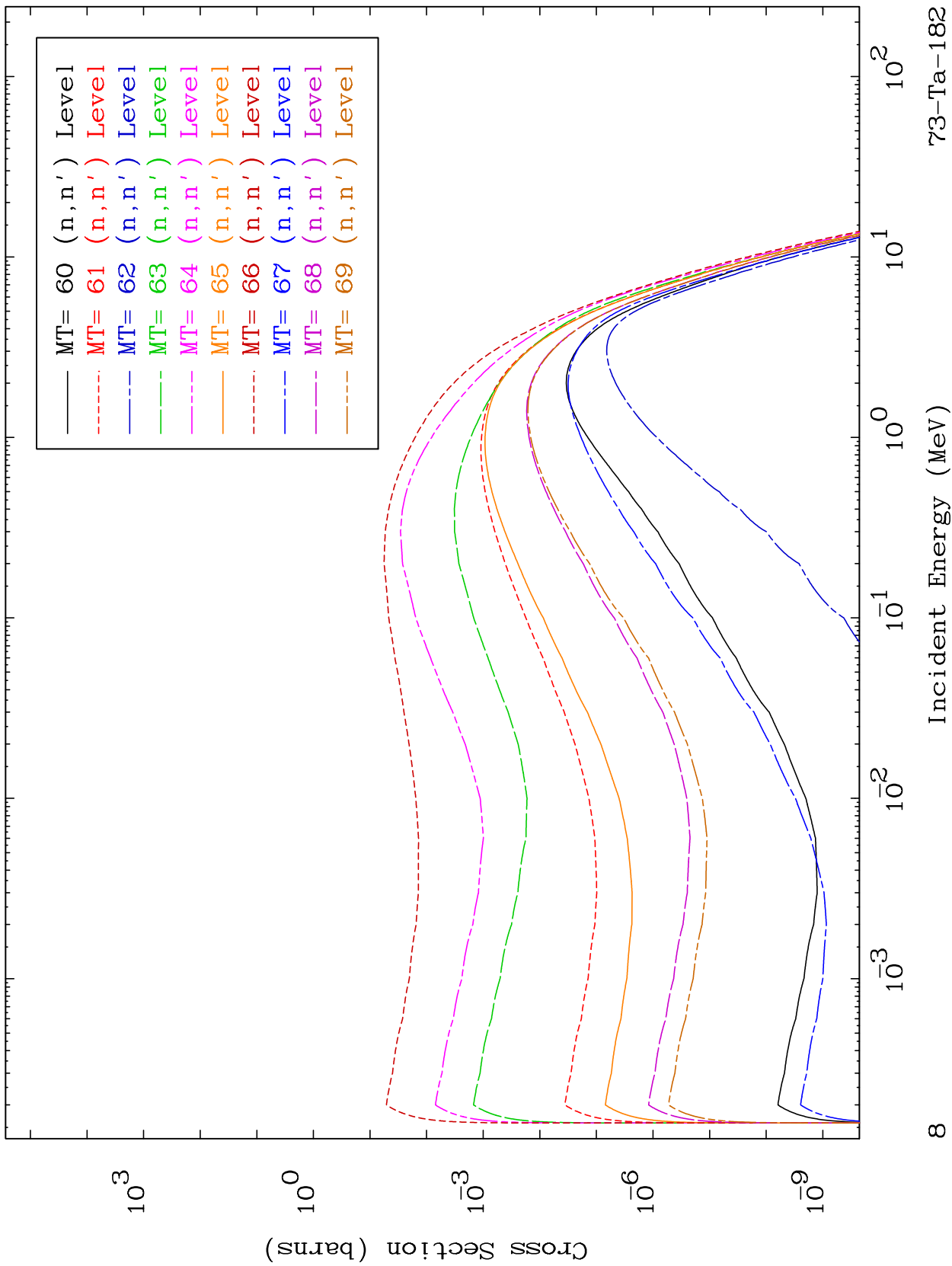


MAT 7332

293 Kelvin Cross Sections

73-Ta-182



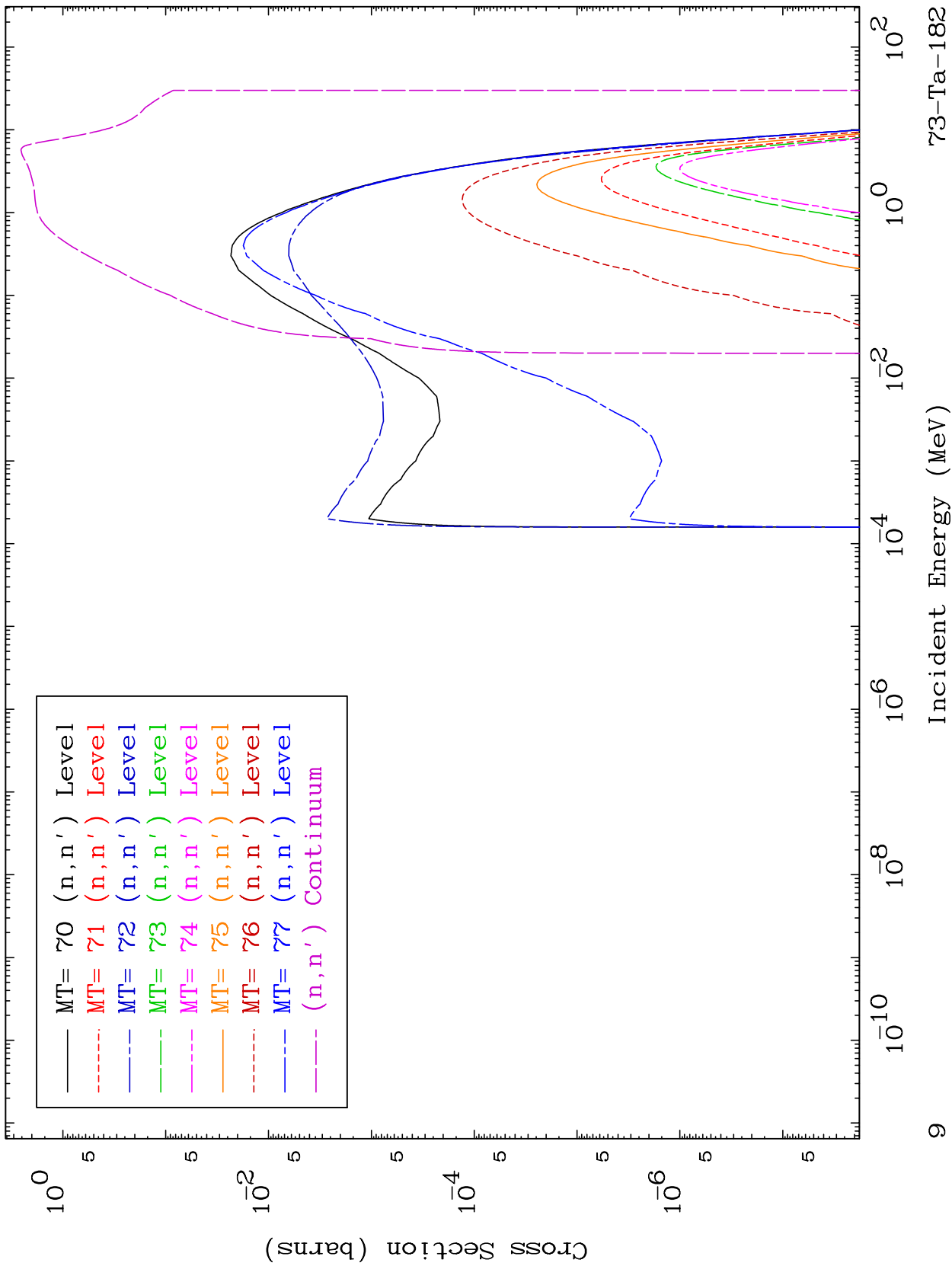


MAT 7332

(n,n') Level

73-Ta-182

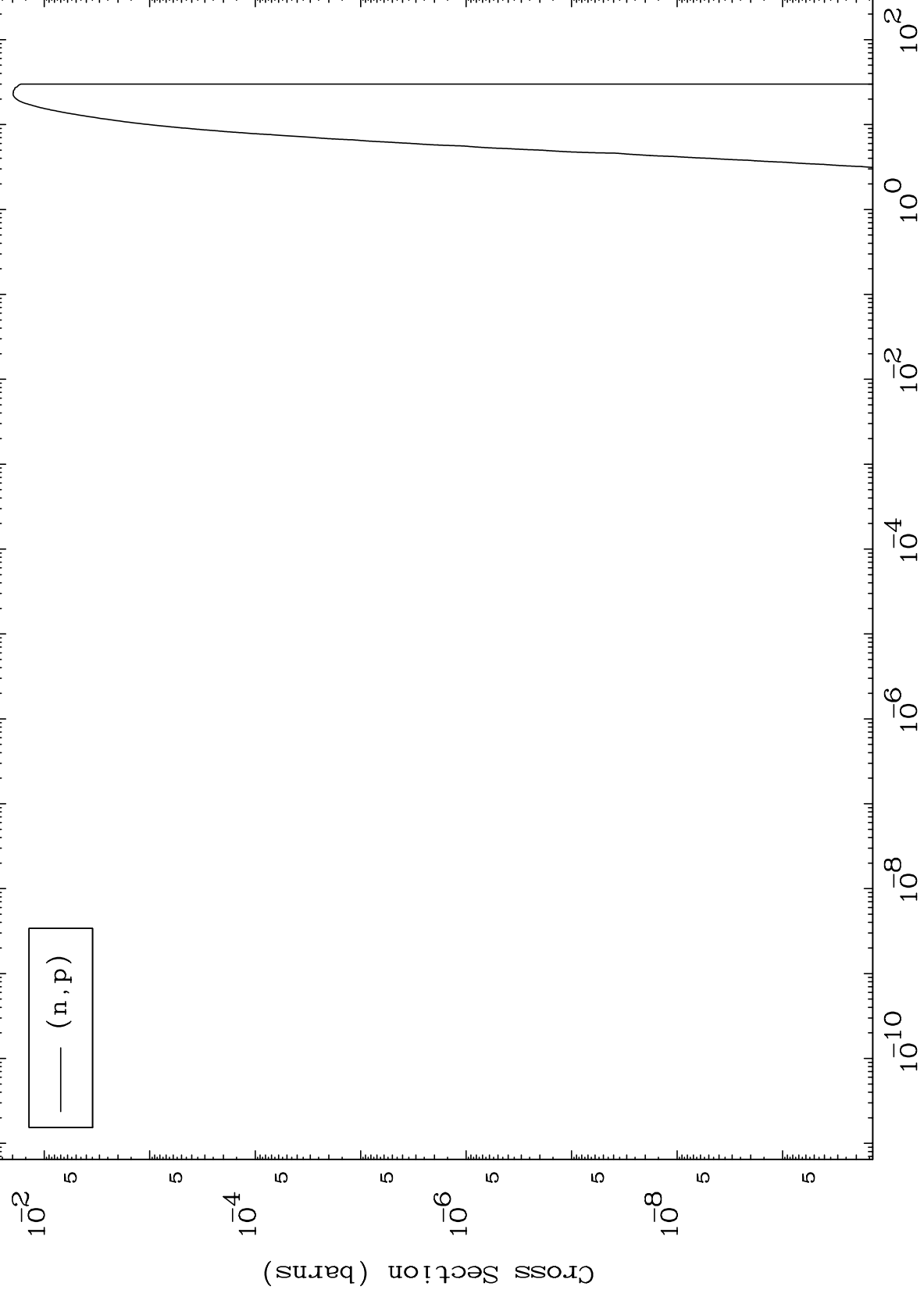
293 Kelvin Cross Sections



MAT 7332

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-182



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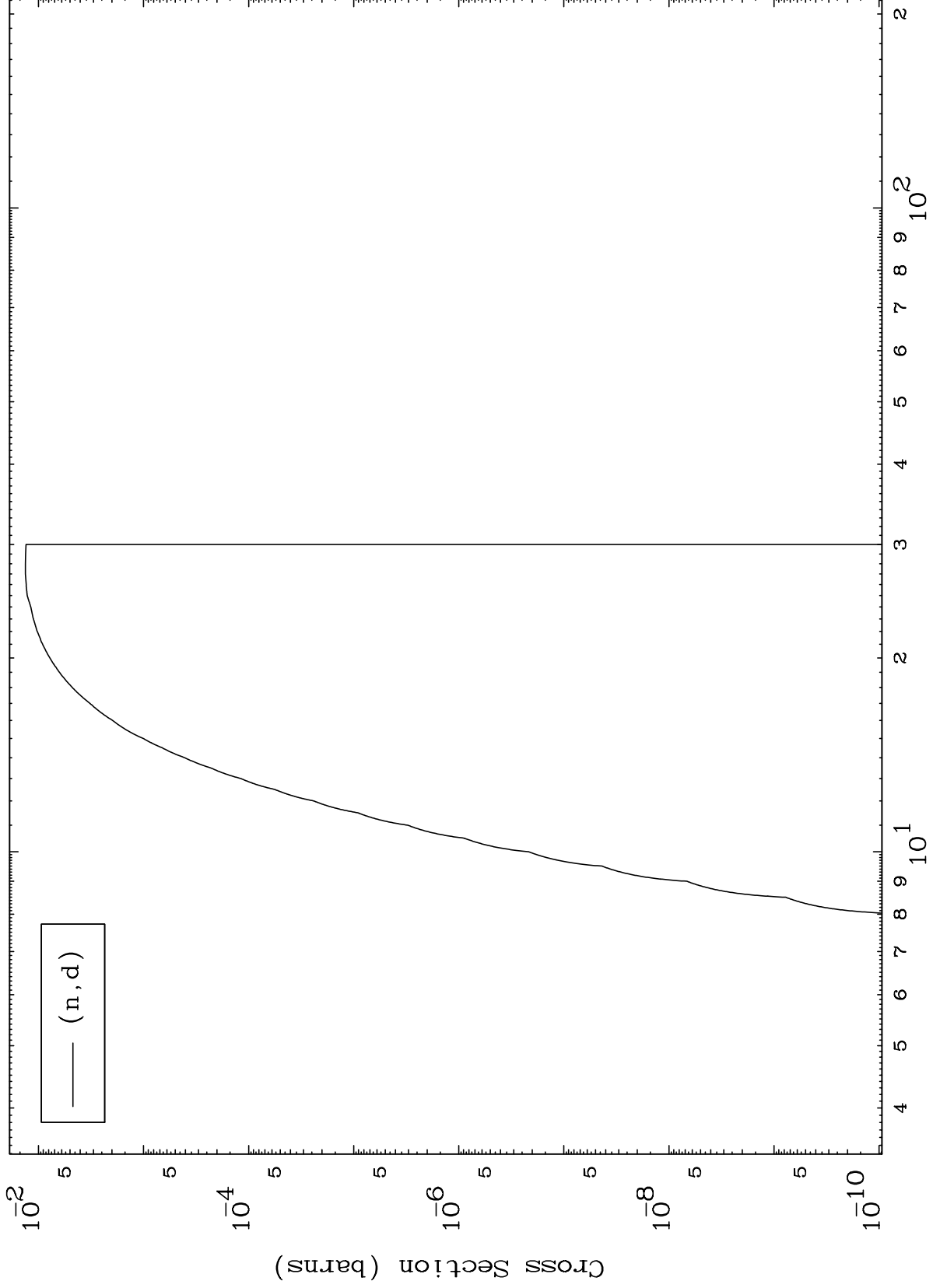
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,d) Levels
293 Kelvin Cross Sections

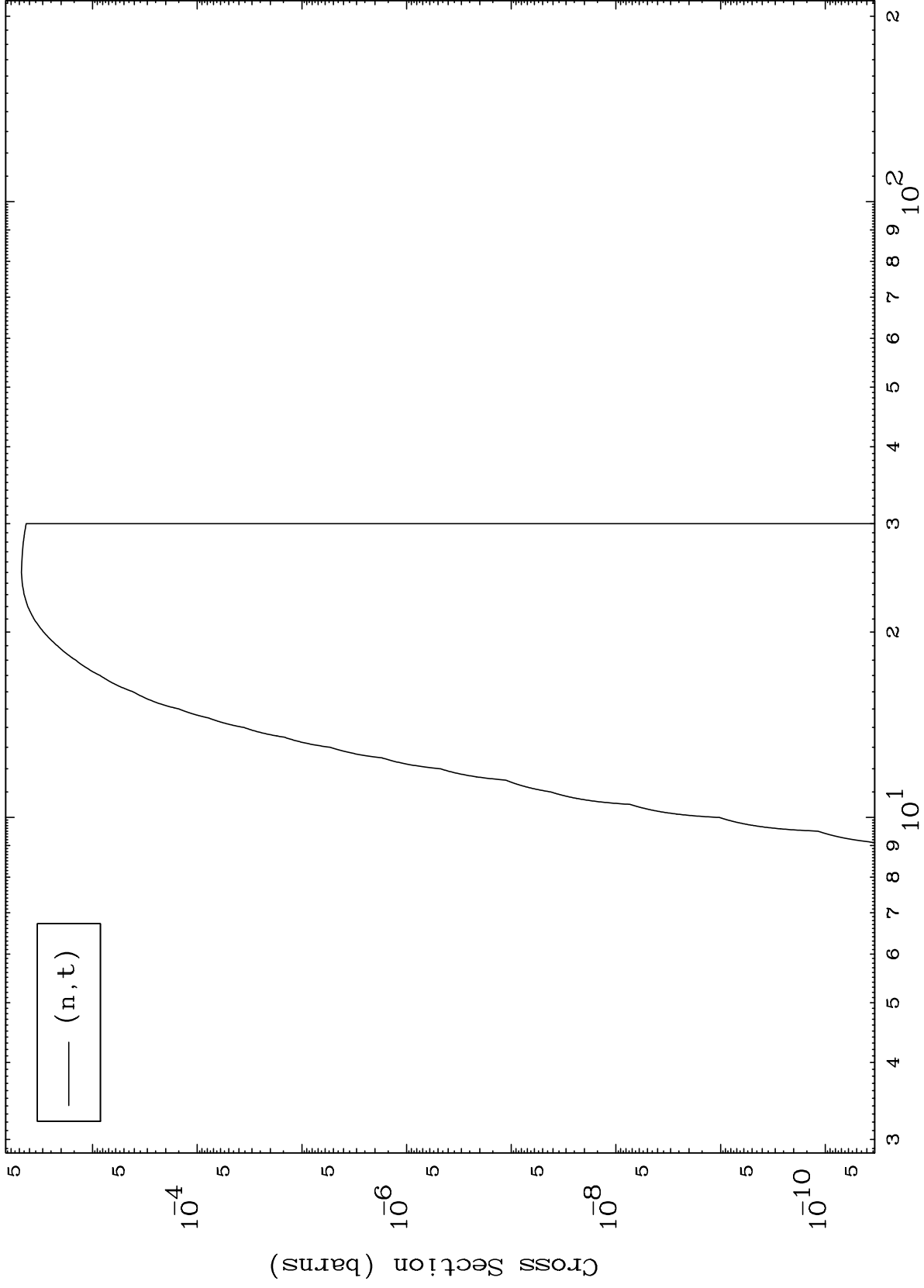
73-Ta-182



MAT 7332

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-182



12

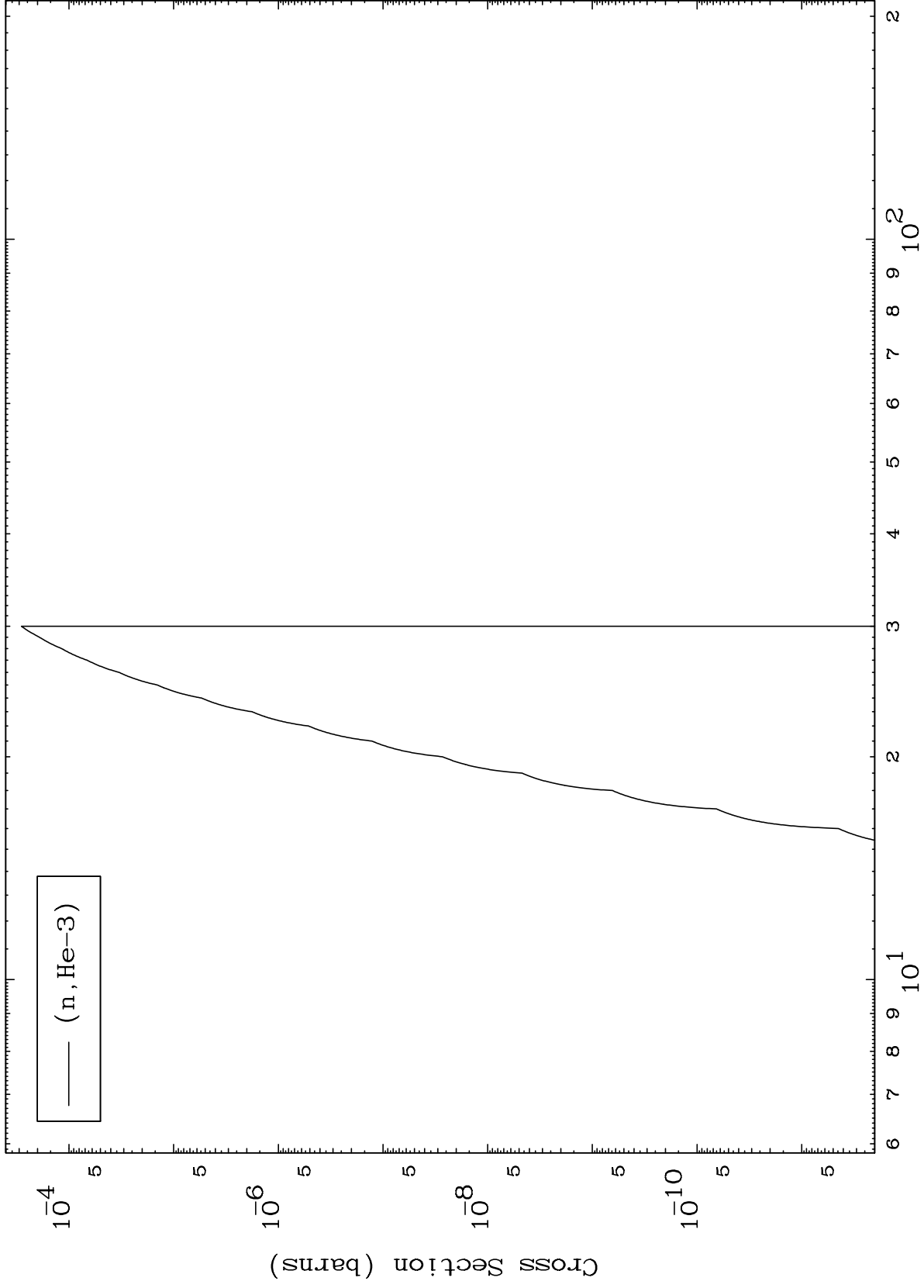
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-182



13

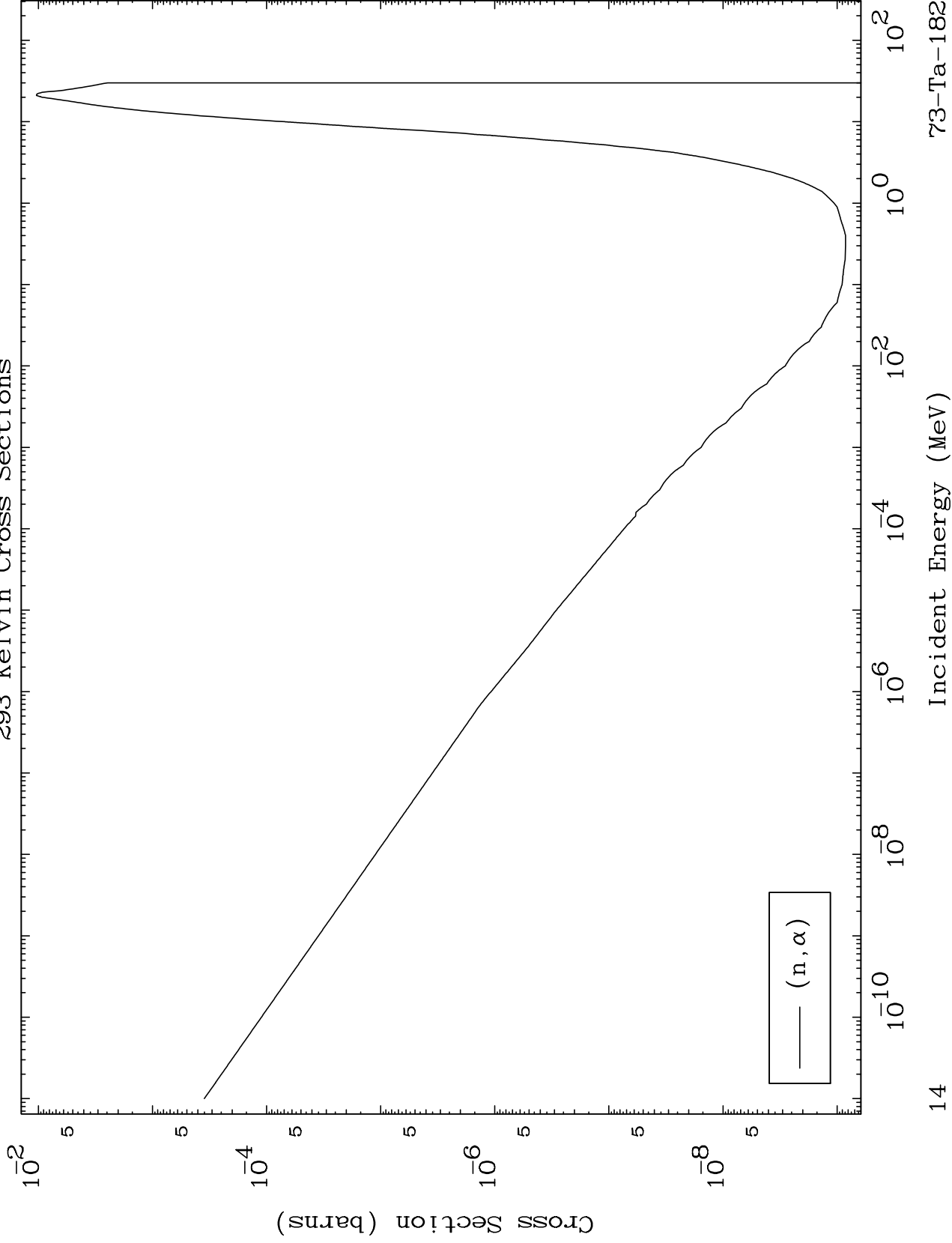
Incident Energy (MeV)

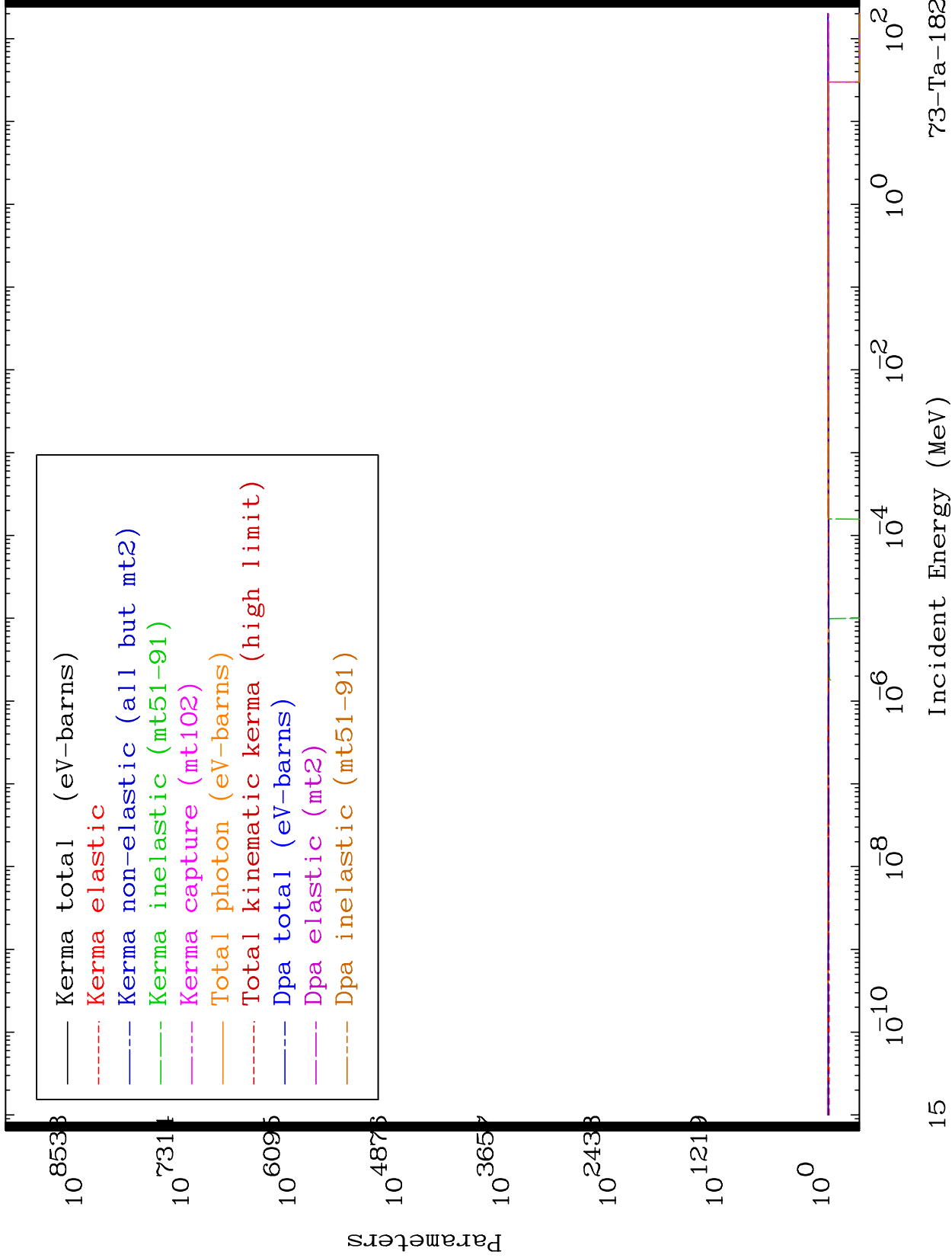
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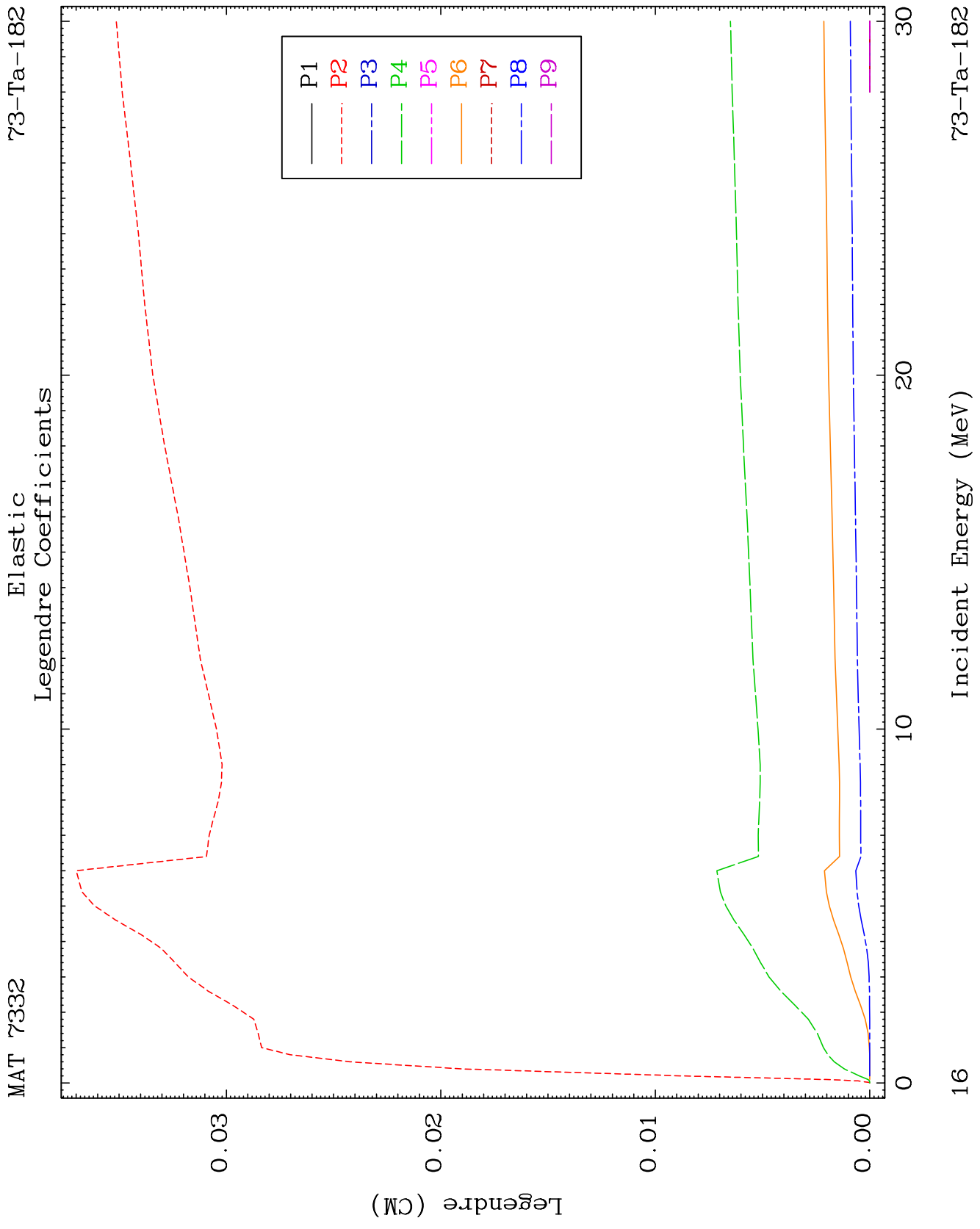
MAT 7332

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-182



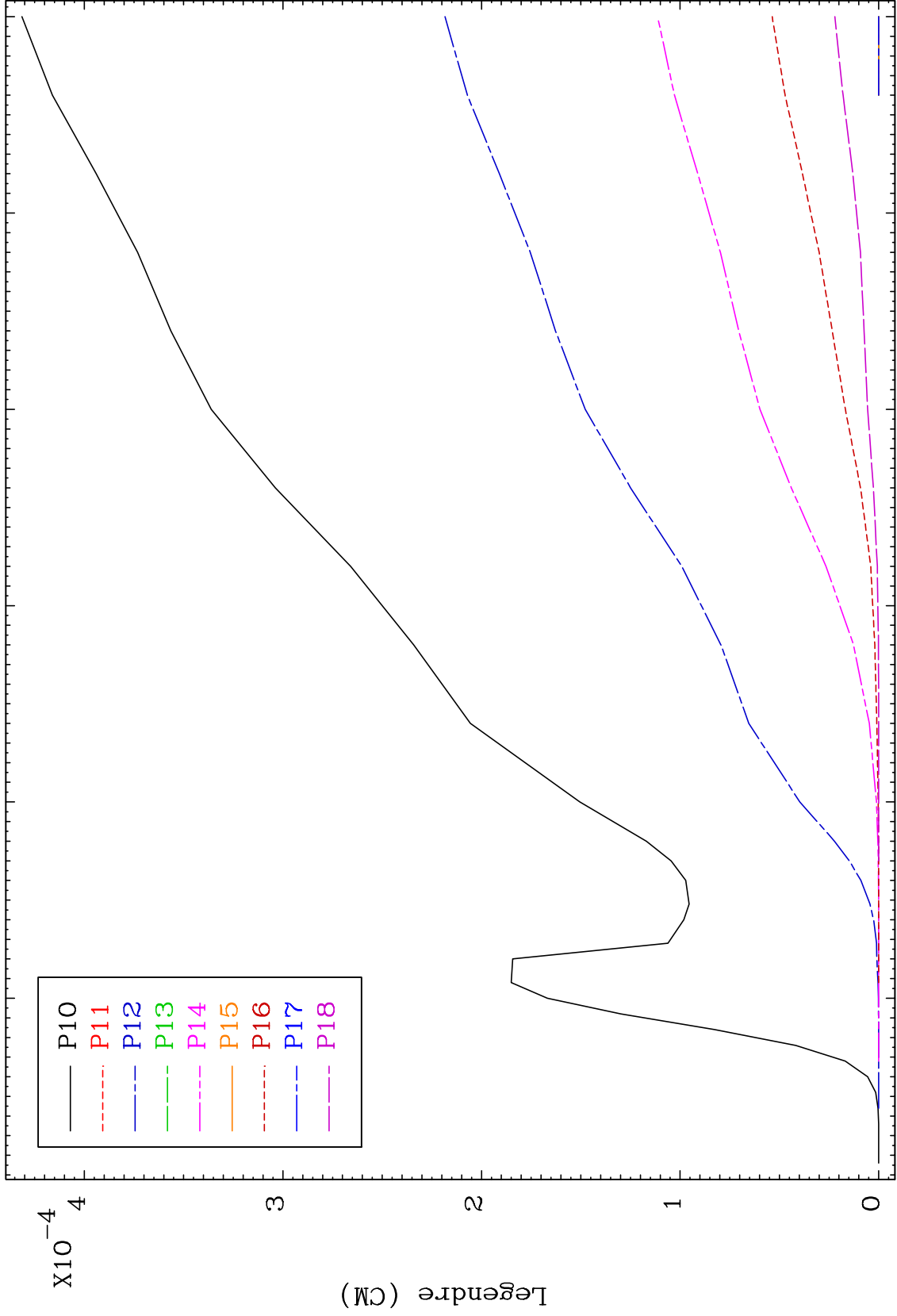




MAT 7332

Elastic
Legendre Coefficients

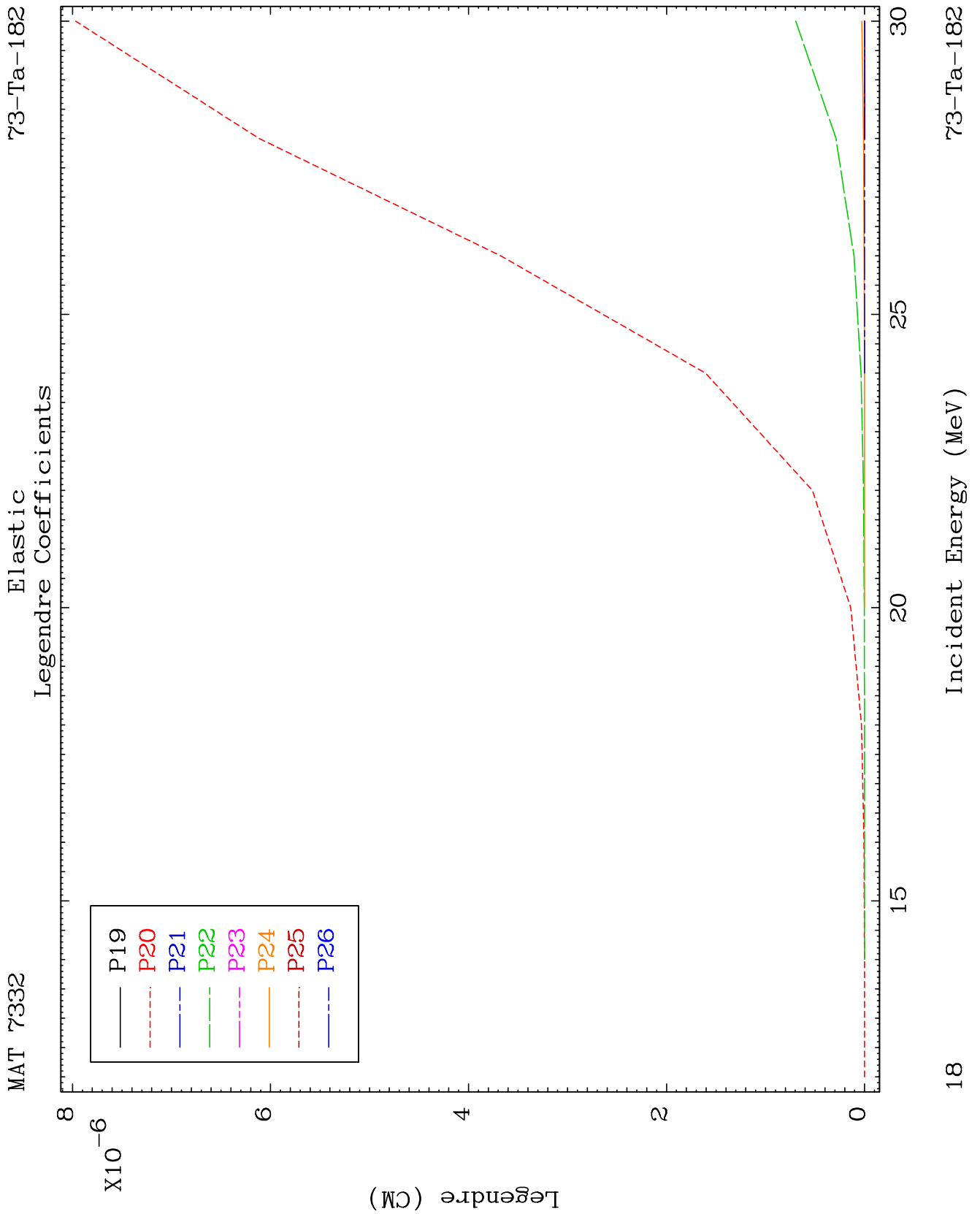
⁷³Ta-182



17

Incident Energy (MeV)

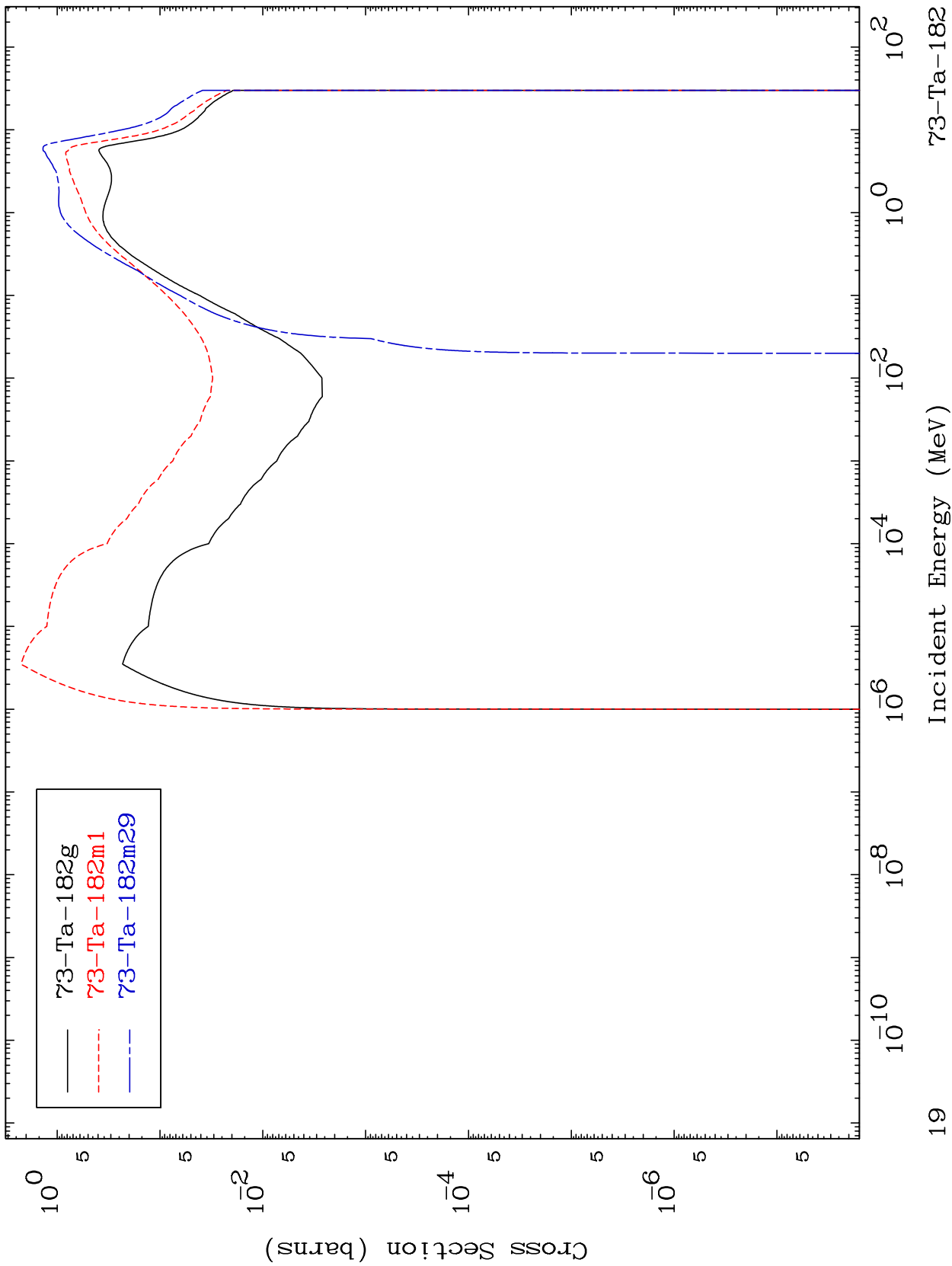
⁷³Ta-182



MAT 7332

73-Ta-182

Inelastic
Radionuclide Production Cross Section

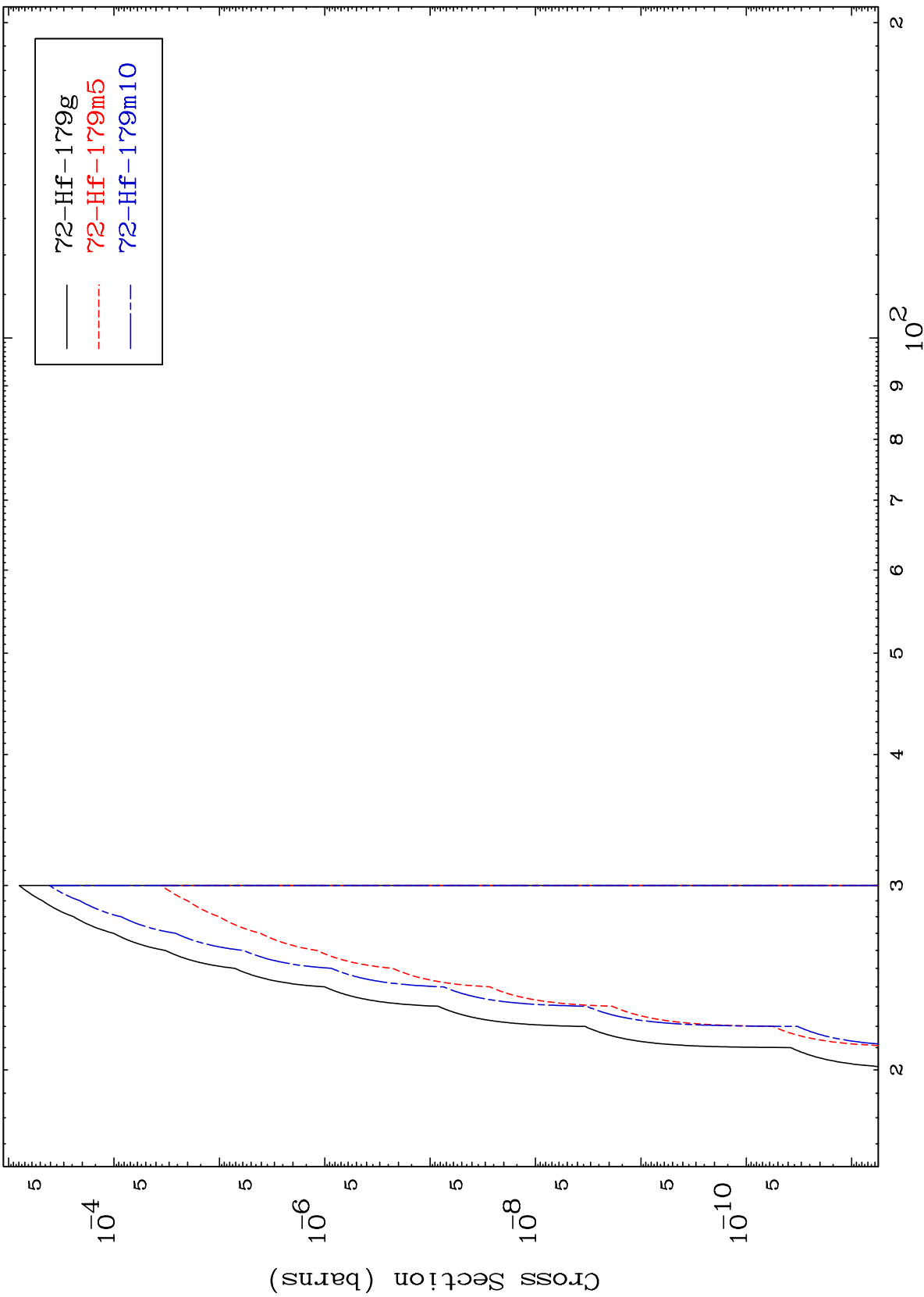


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(n,2n) d

73-Ta-182

Radionuclide Production Cross Section



20

Incident Energy (MeV)

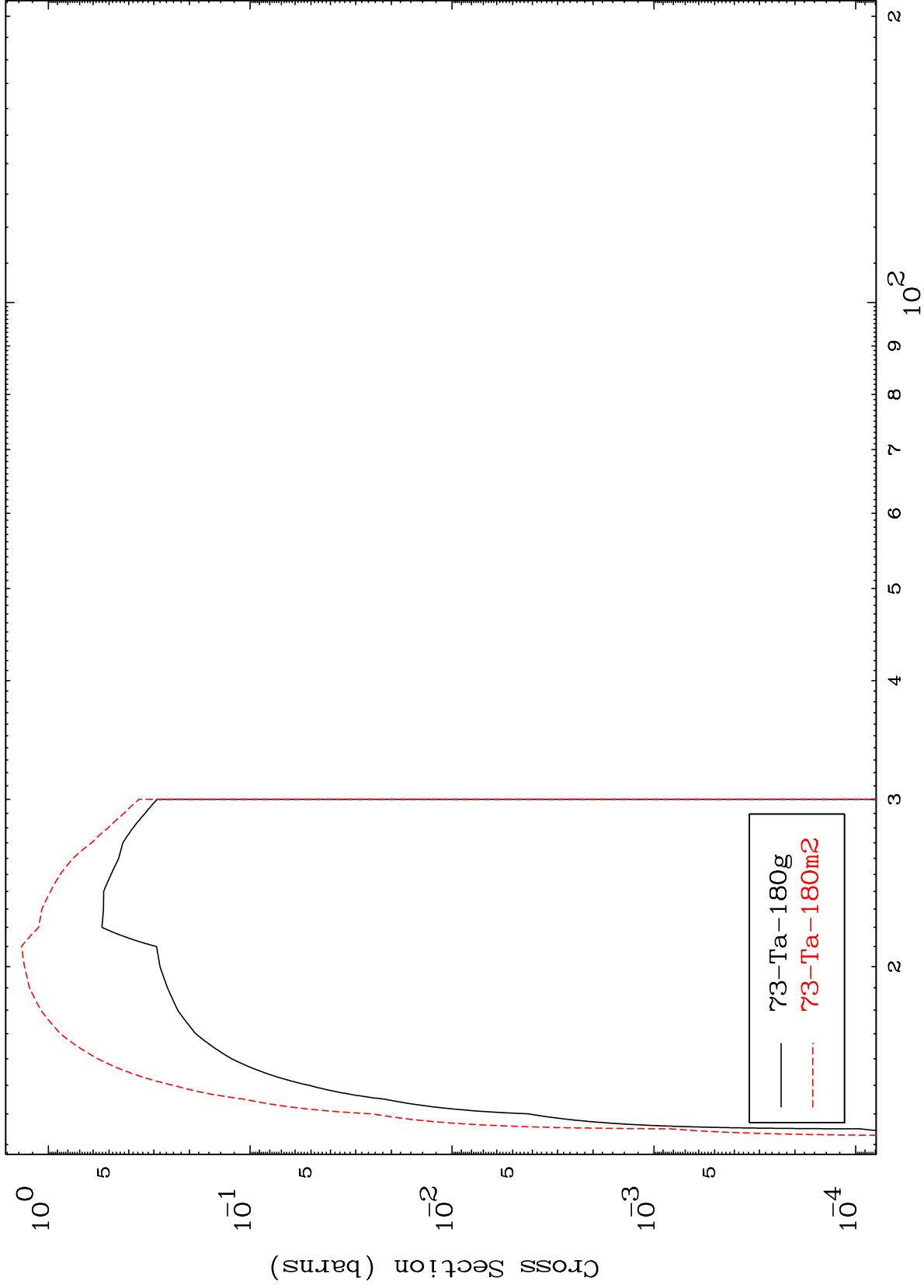
73-Ta-182

MAT 7332

(n,3n)

⁷³Ta-182

Radionuclide Production Cross Section

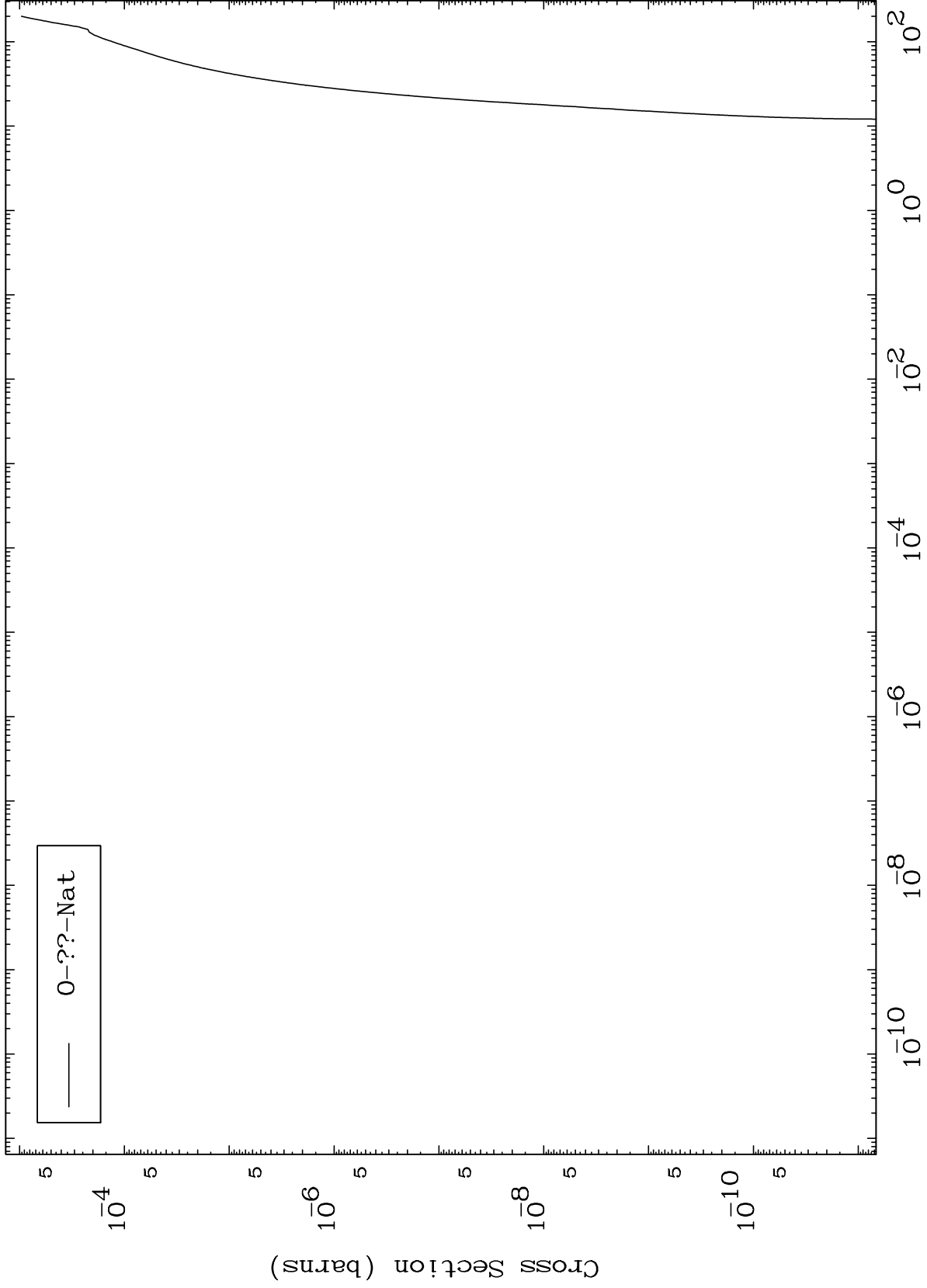


MAT 7332

Fission

⁷³Ta-182

Radionuclide Production Cross Section



22

Incident Energy (MeV)

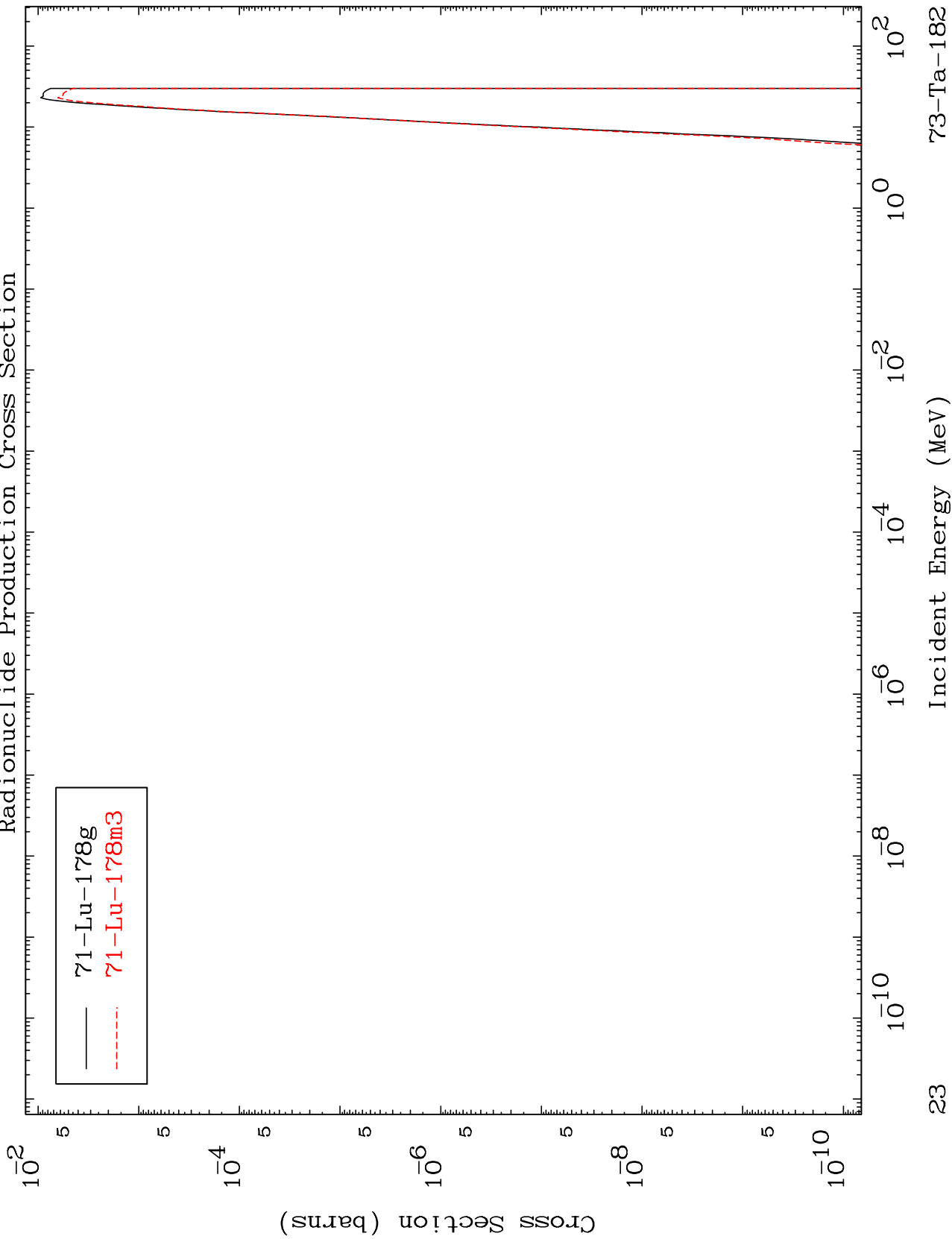
⁷³Ta-182

MAT 7332

$(n, n') \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



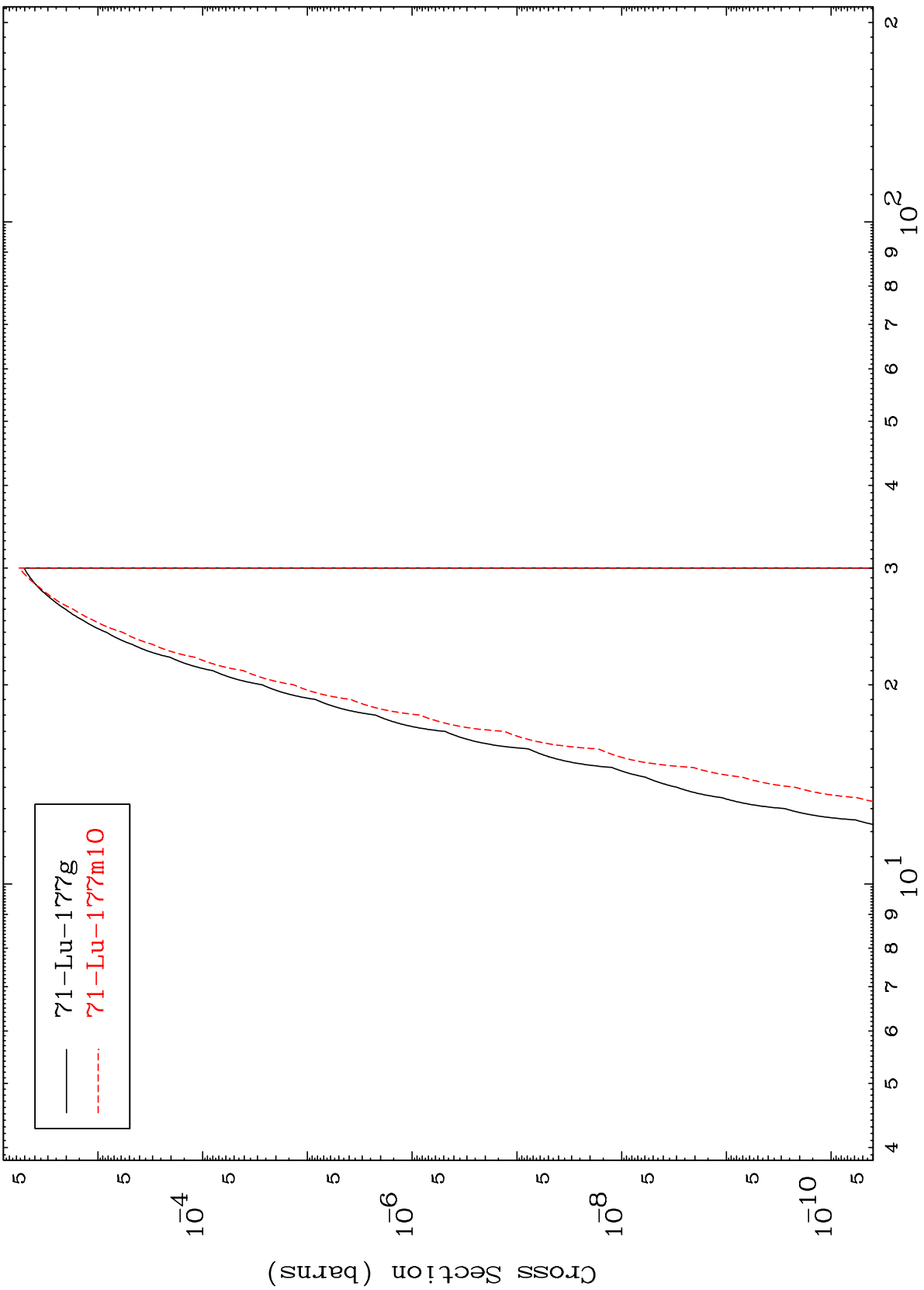
— $^{71}\text{Lu-178g}$
- - - $^{71}\text{Lu-178m3}$

MAT 7332

(n,2n) α

⁷³Ta-182

Radionuclide Production Cross Section



24

Incident Energy (MeV)

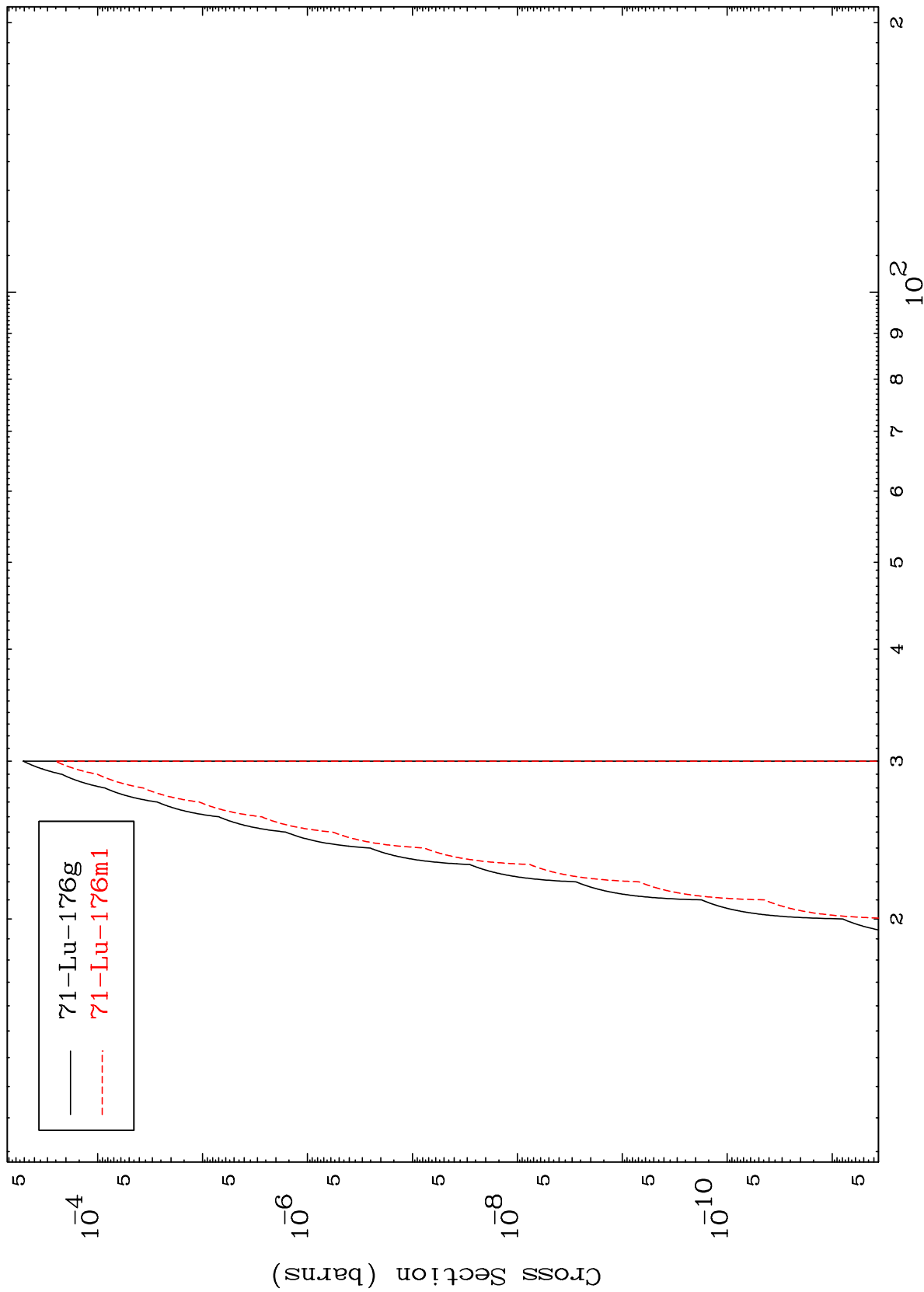
⁷³Ta-182

MAT 7332

(n,3n) α

73-Ta-182

Radionuclide Production Cross Section



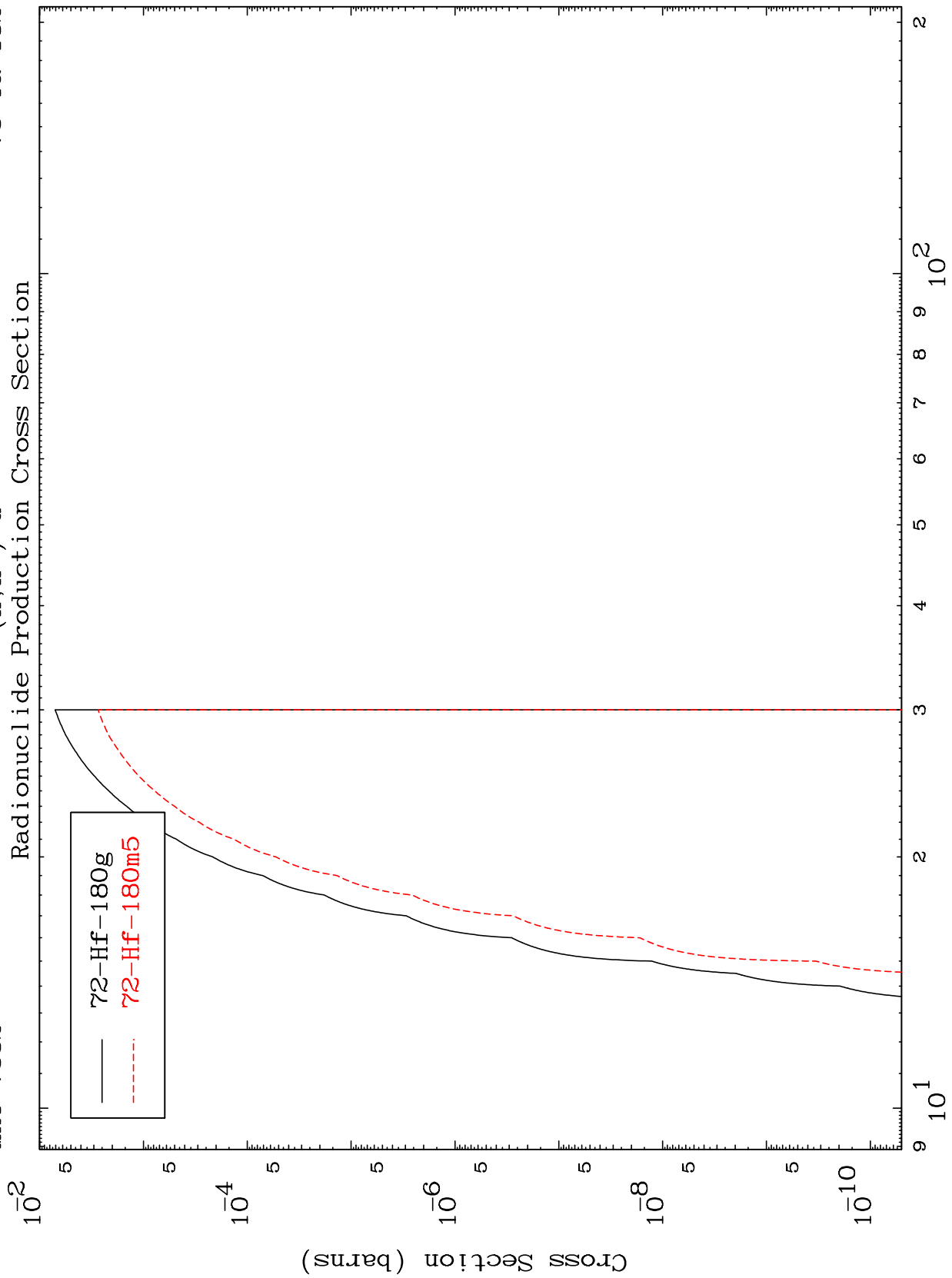
71-Lu-176g
71-Lu-176m1

MAT 7332

(n,n') d

⁷³Ta-182

Radionuclide Production Cross Section



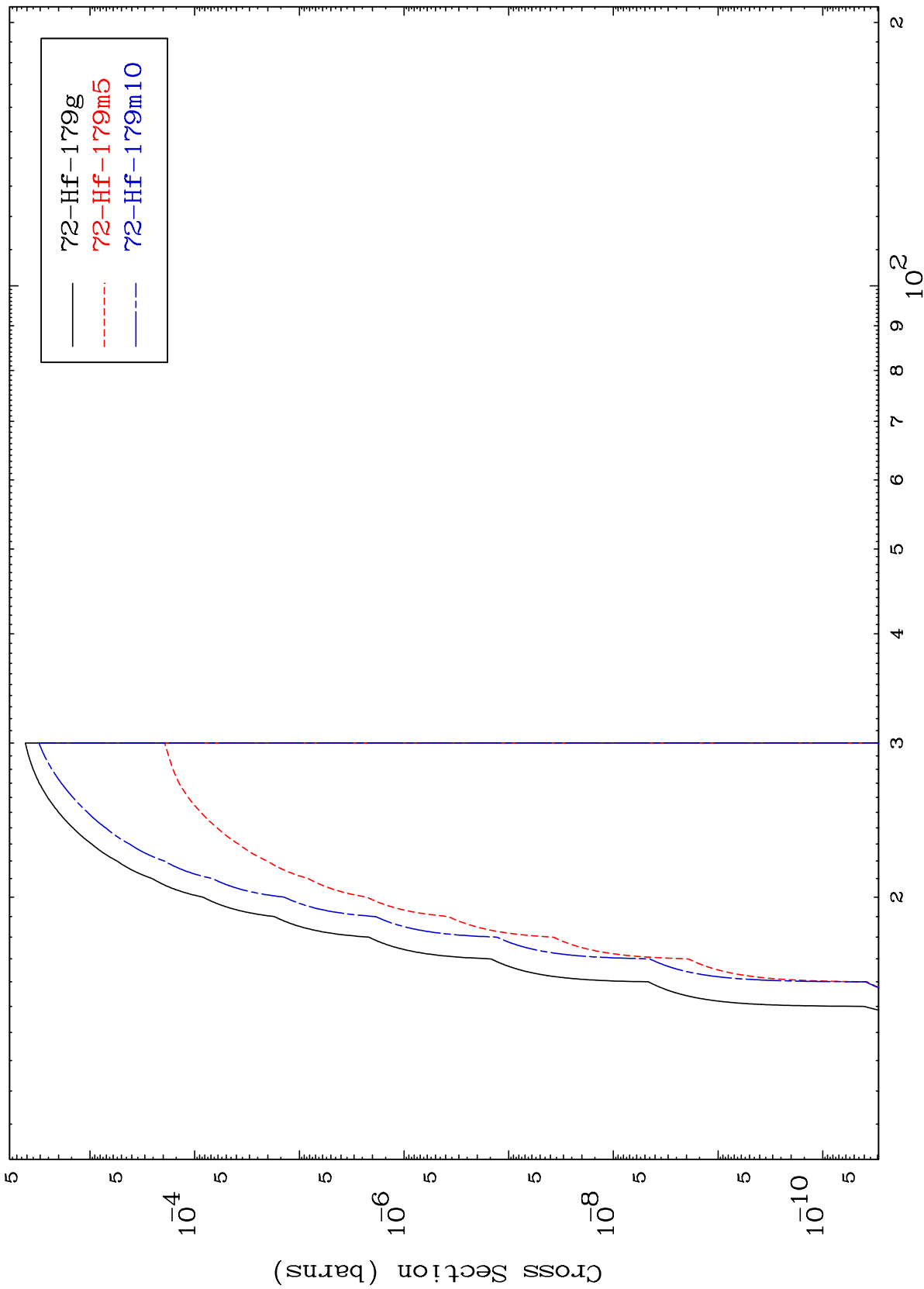
72-Hf-180g
72-Hf-180m5

Incident Energy (MeV)

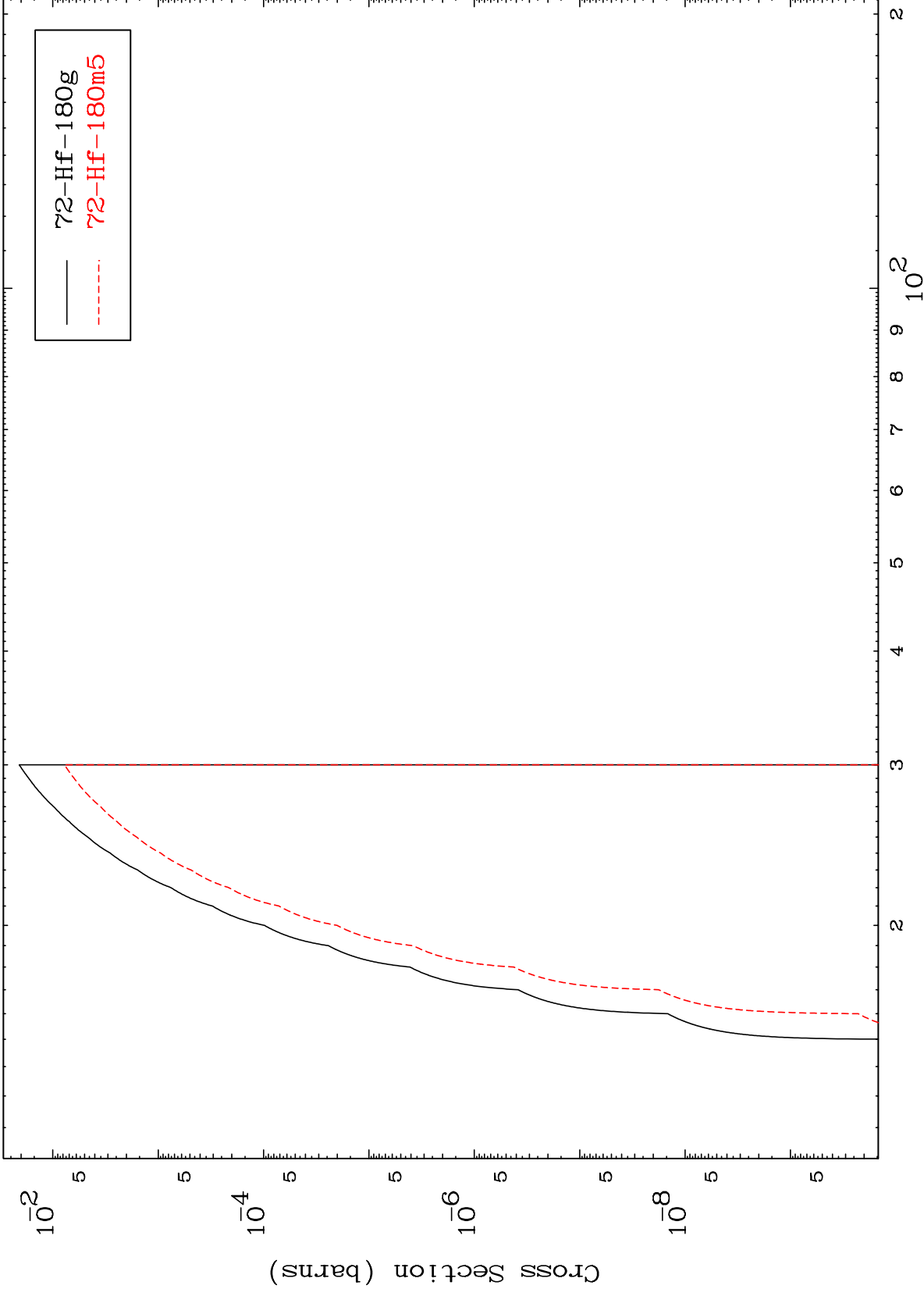
⁷³Ta-182

26

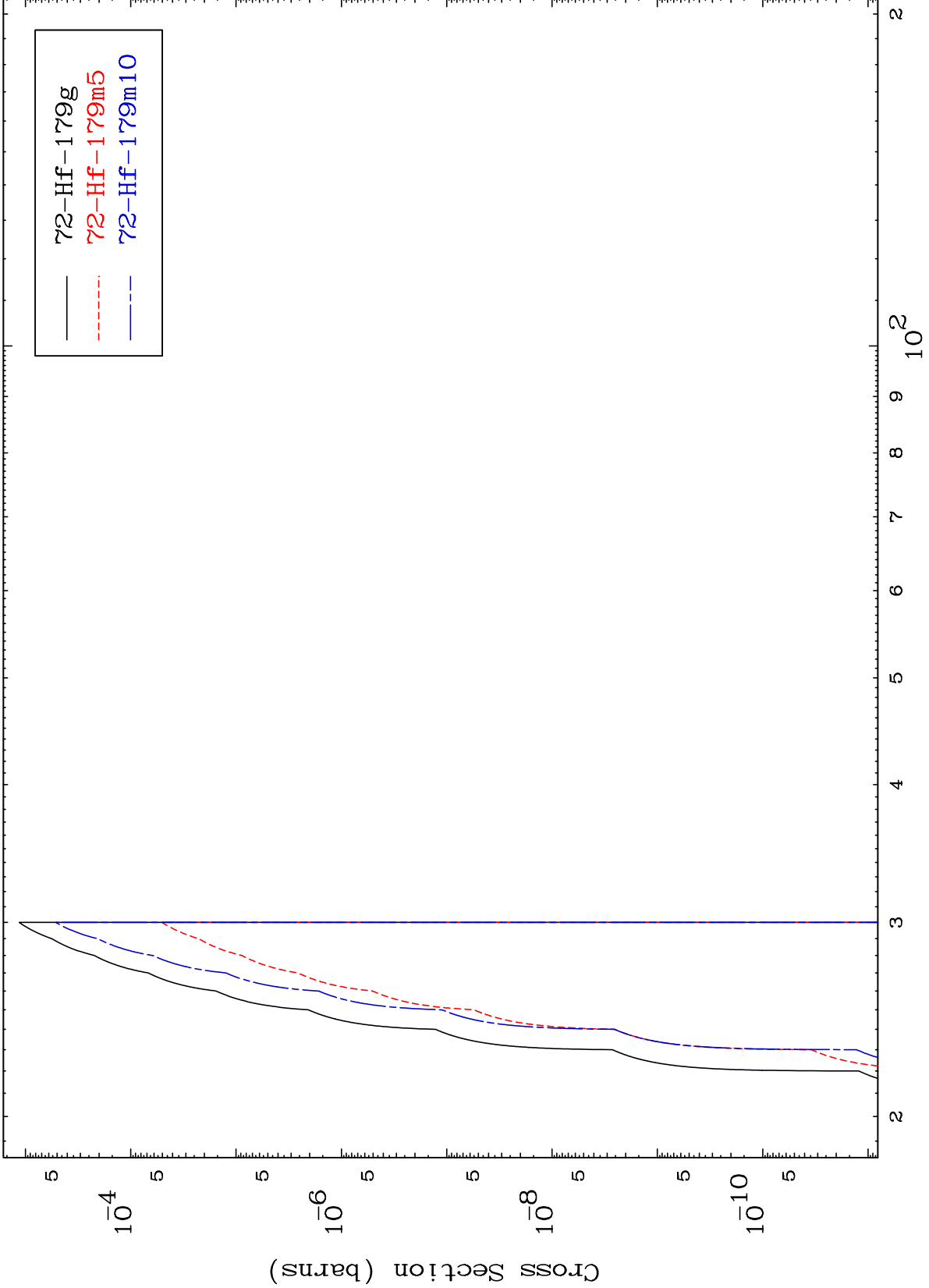
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

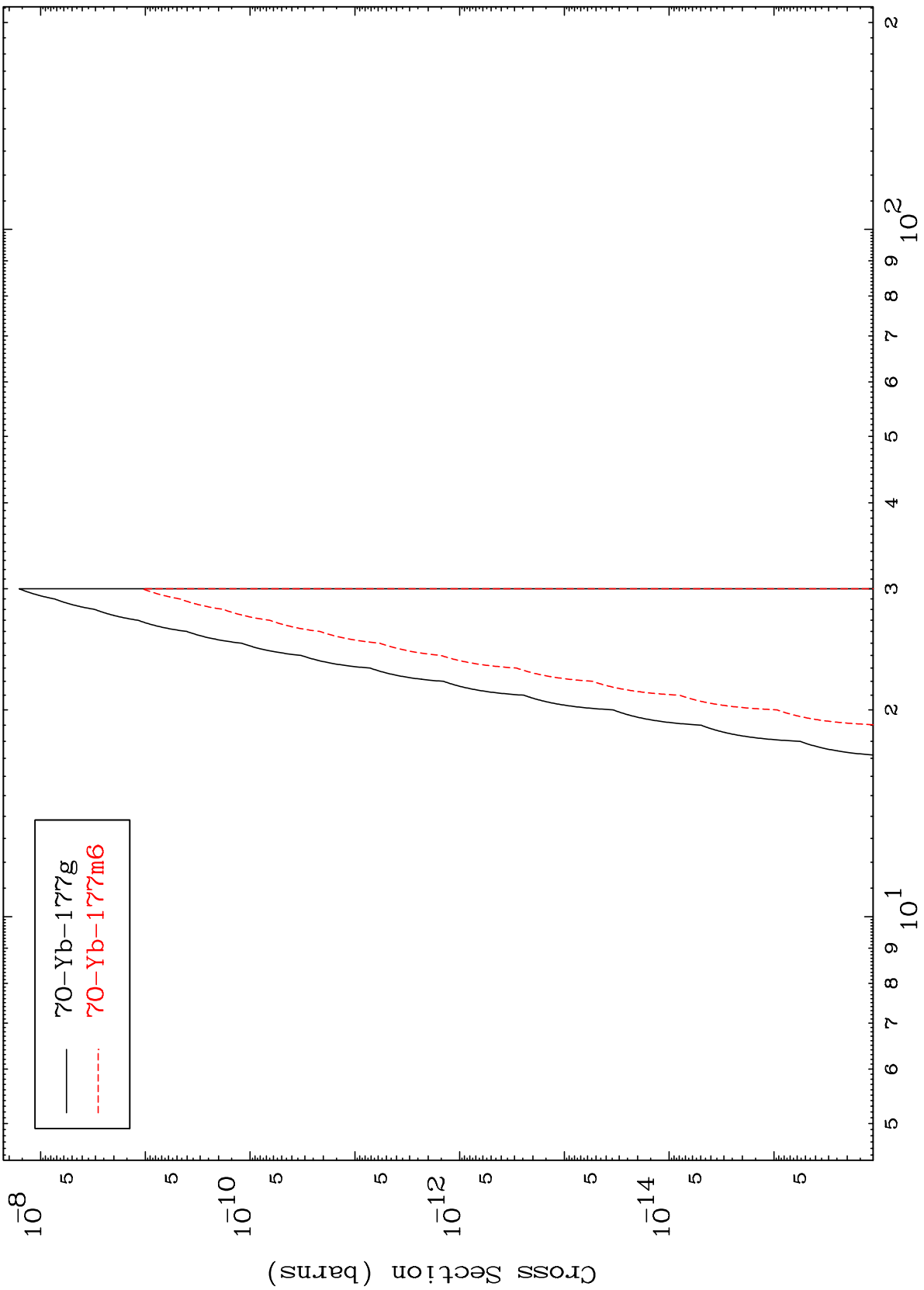


MAT 7332

(n,n') p α

⁷³Ta-182

Radionuclide Production Cross Section



— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

30

Incident Energy (MeV)

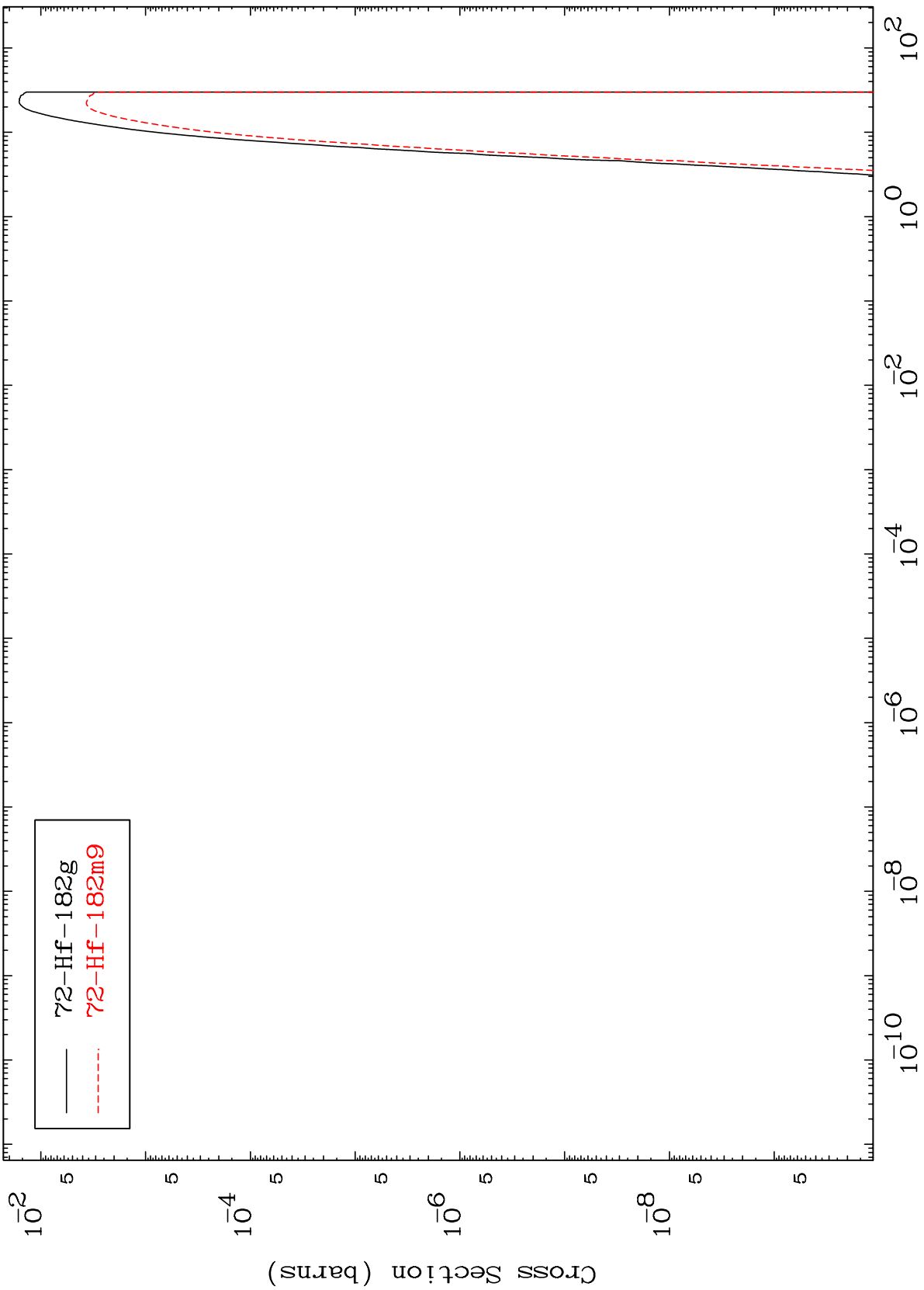
⁷³Ta-182

MAT 7332

(n,p)

⁷³Ta-182

Radionuclide Production Cross Section

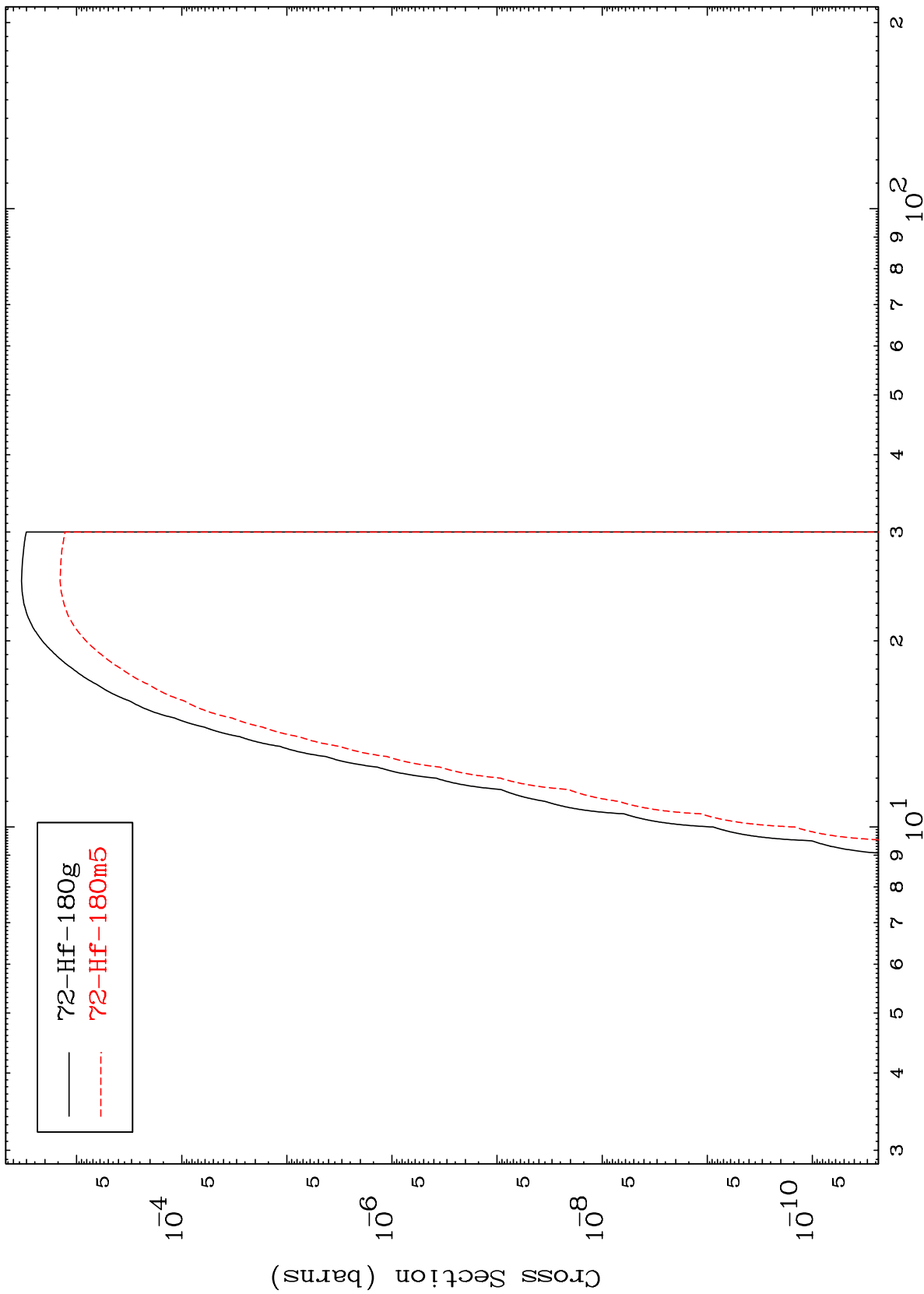


— 72-Hf-182g
- - - 72-Hf-182m9

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73-Ta-182

(n, t)
Radionuclide Production Cross Section



32

73-Ta-182

Incident Energy (MeV)