

Program EVALPLOT
(Version 2015-2)

by

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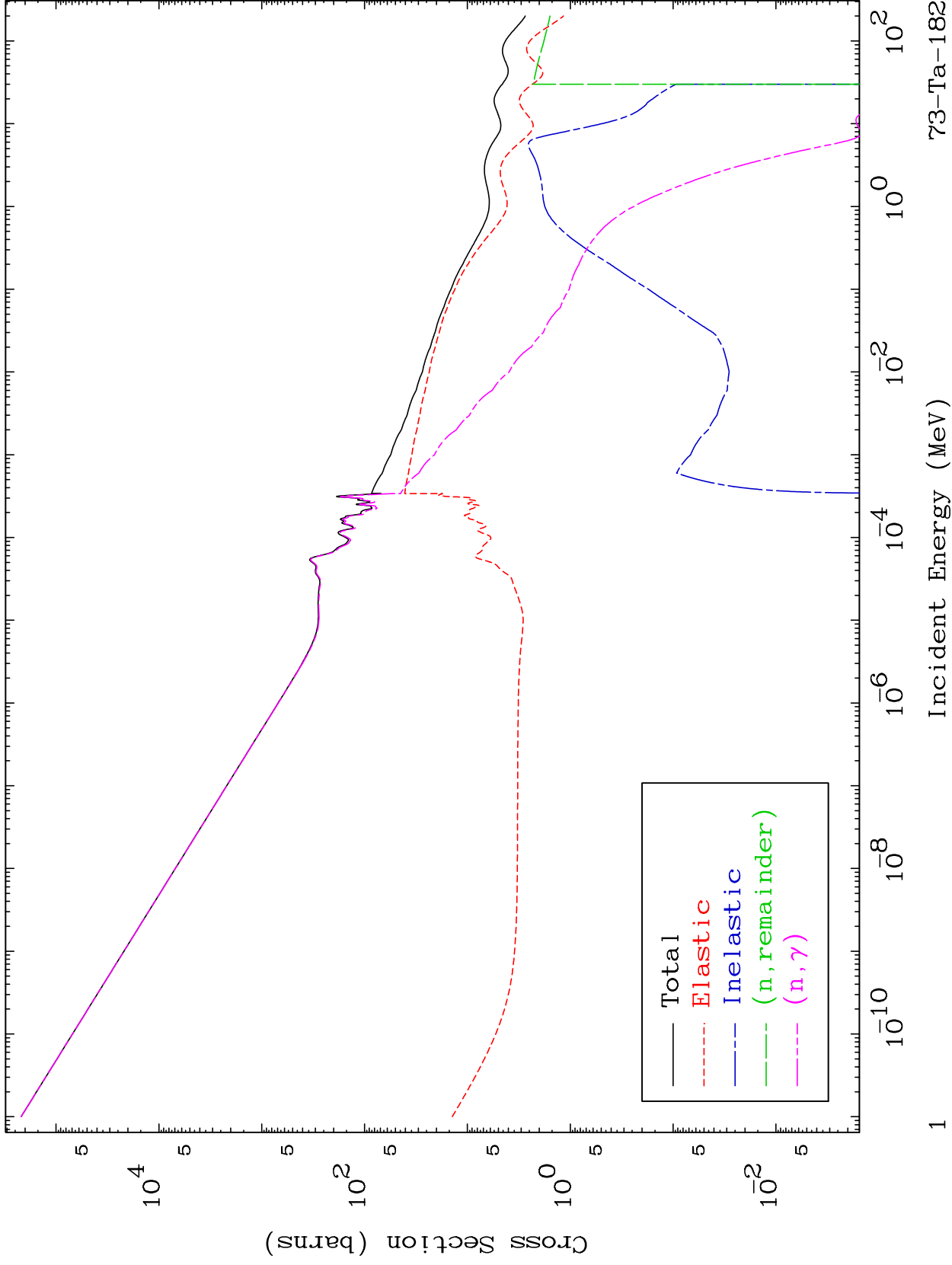
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7332

Major
293 Kelvin Cross Sections

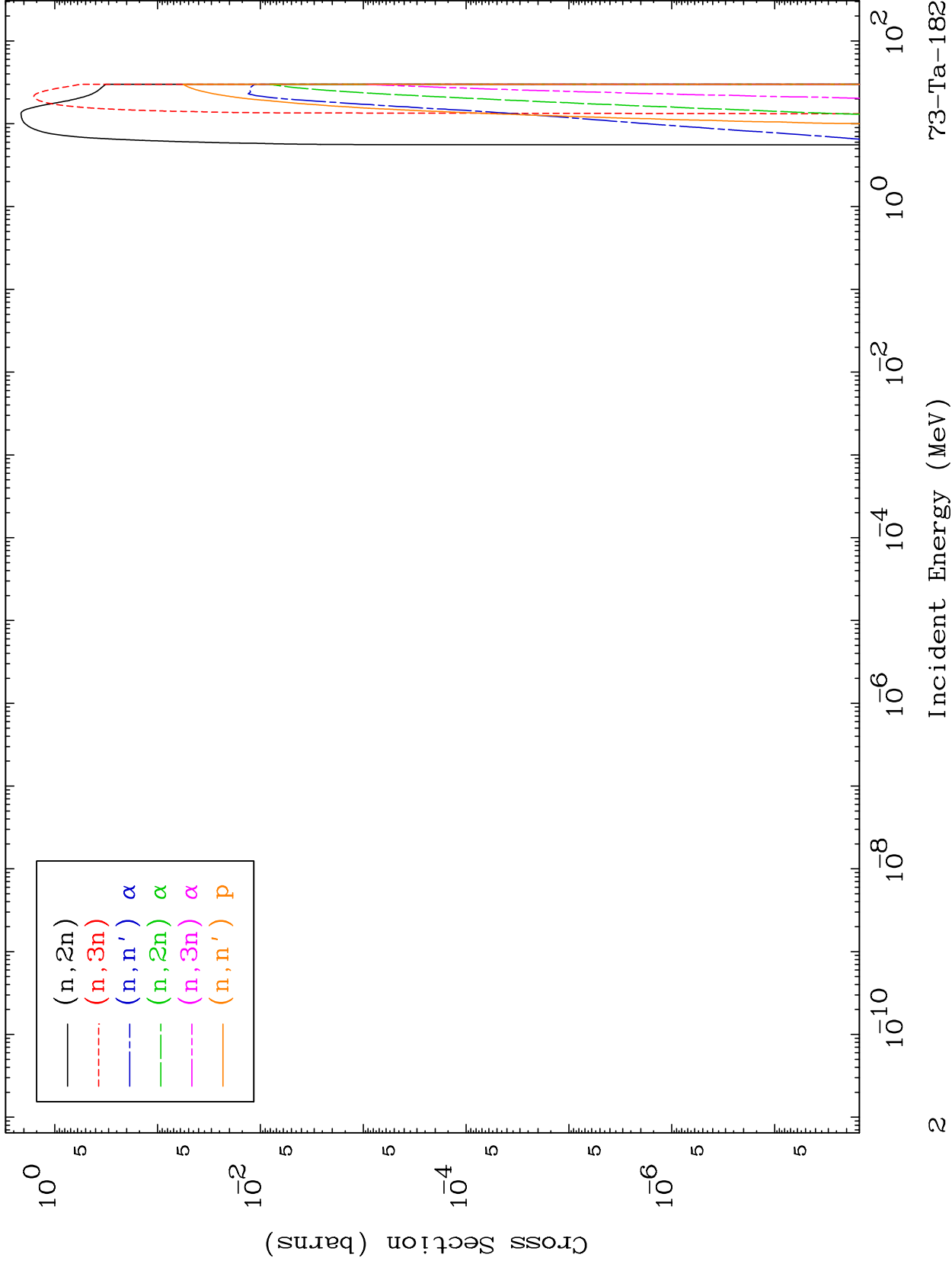
73-Ta-182



MAT 7332

Neutron Production
293 Kelvin Cross Sections

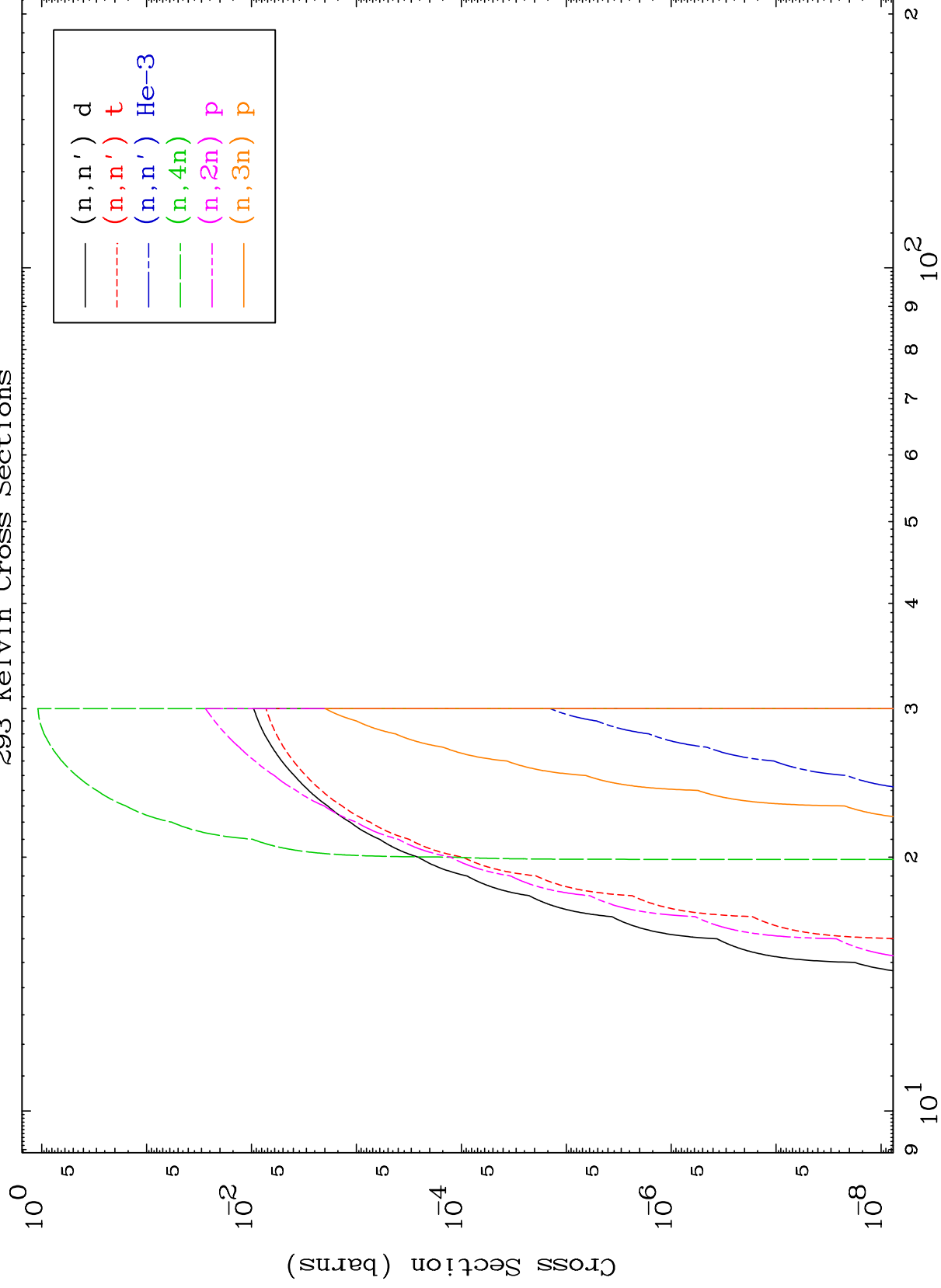
73-Ta-182



MAT 7332

Neutron Production
293 Kelvin Cross Sections

73-Ta-182



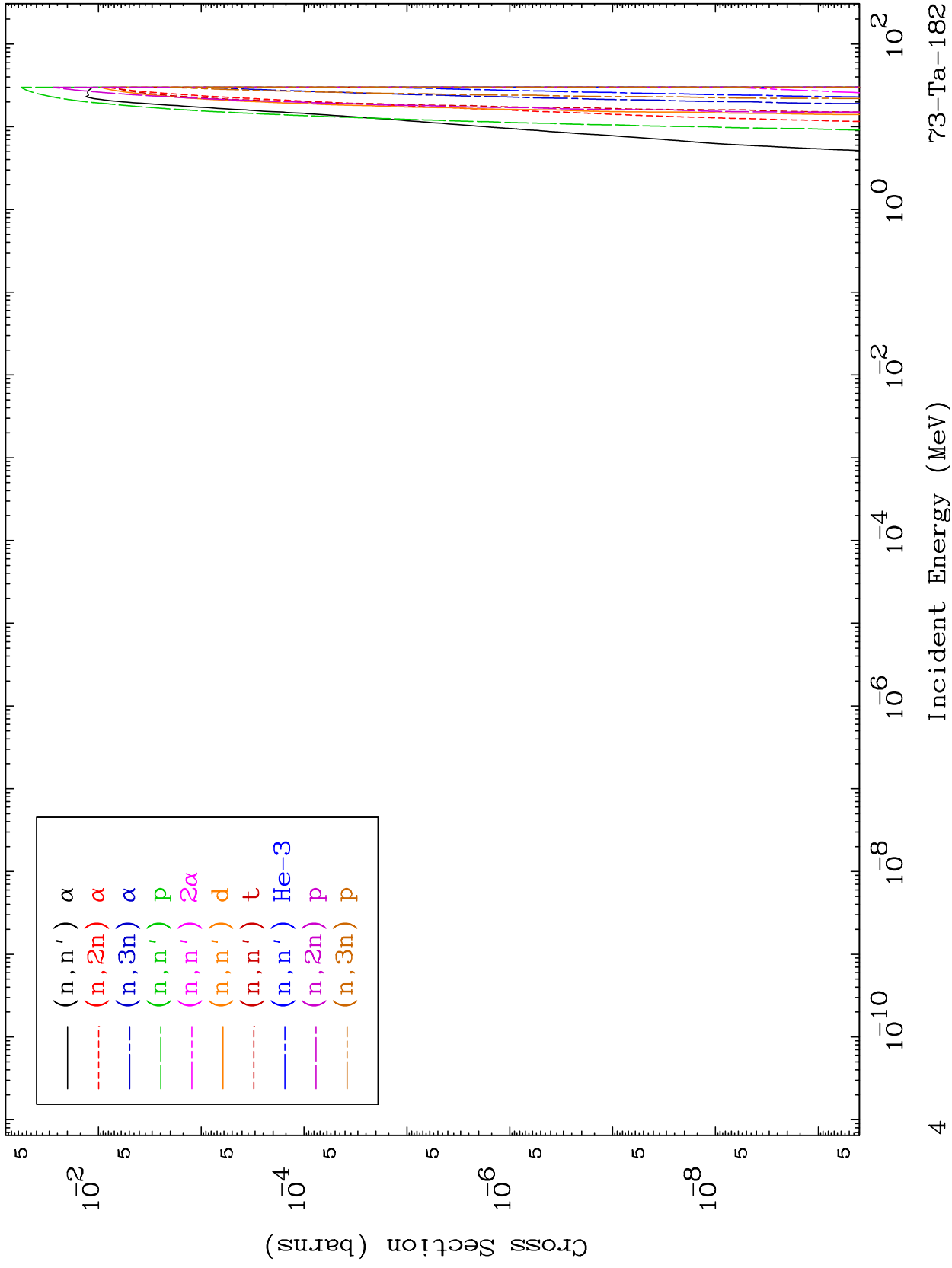
Incident Energy (MeV)

73-Ta-182

MAT 7332

Charged Particle
293 Kelvin Cross Sections

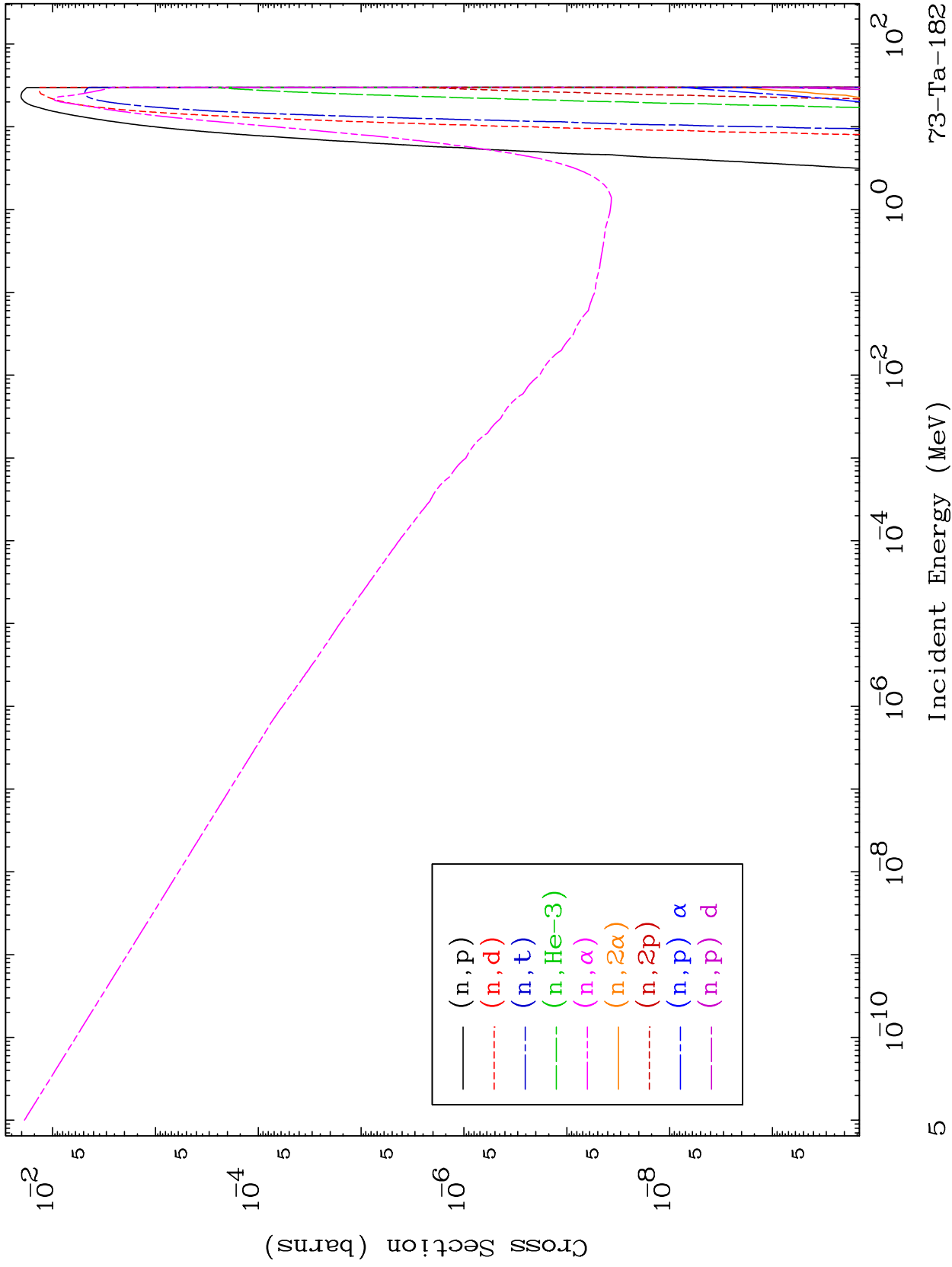
73-Ta-182

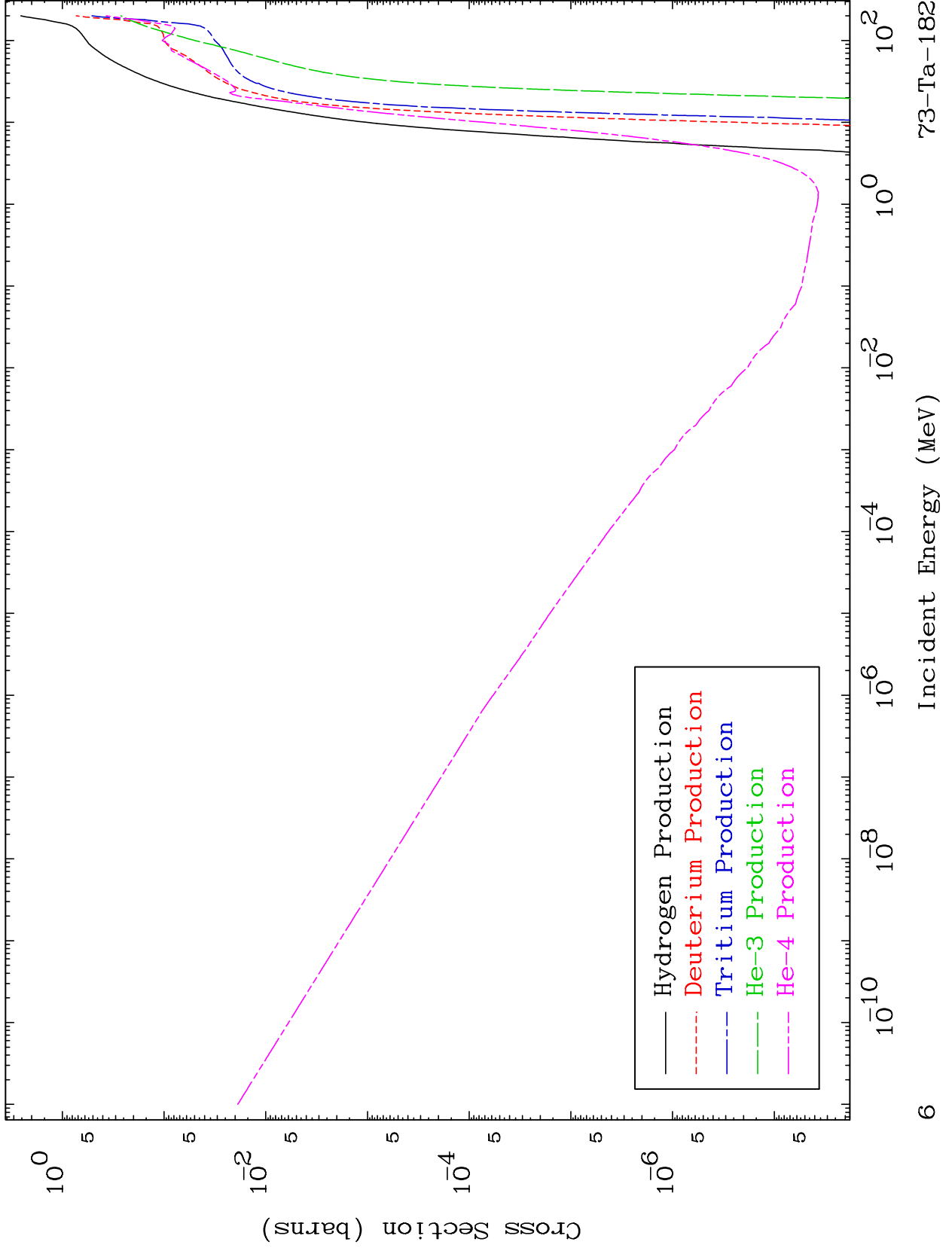


MAT 7332

Charged Particle
293 Kelvin Cross Sections

73-Ta-182

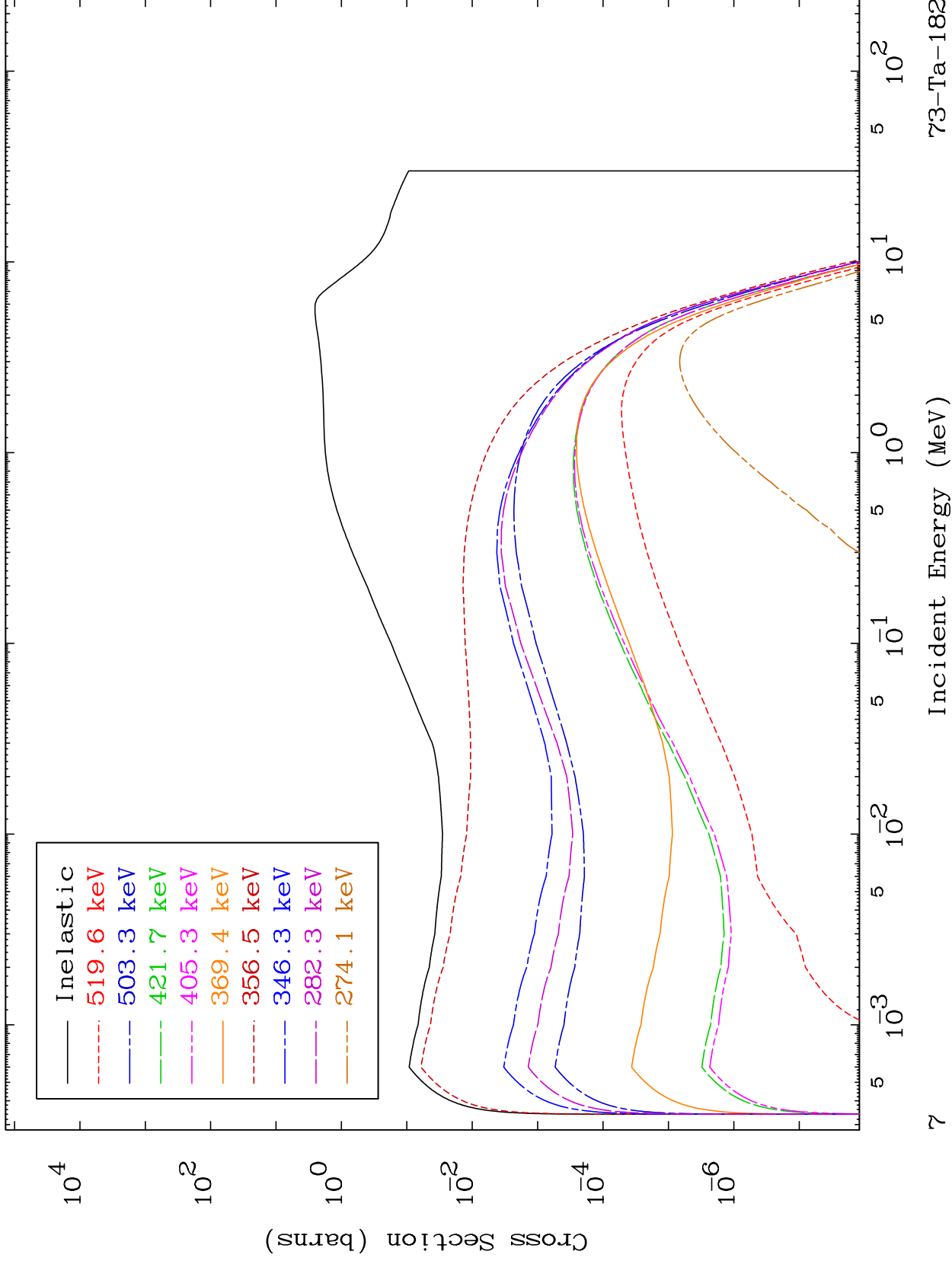




MAT 7332

(n,n') Level
293 Kelvin Cross Sections

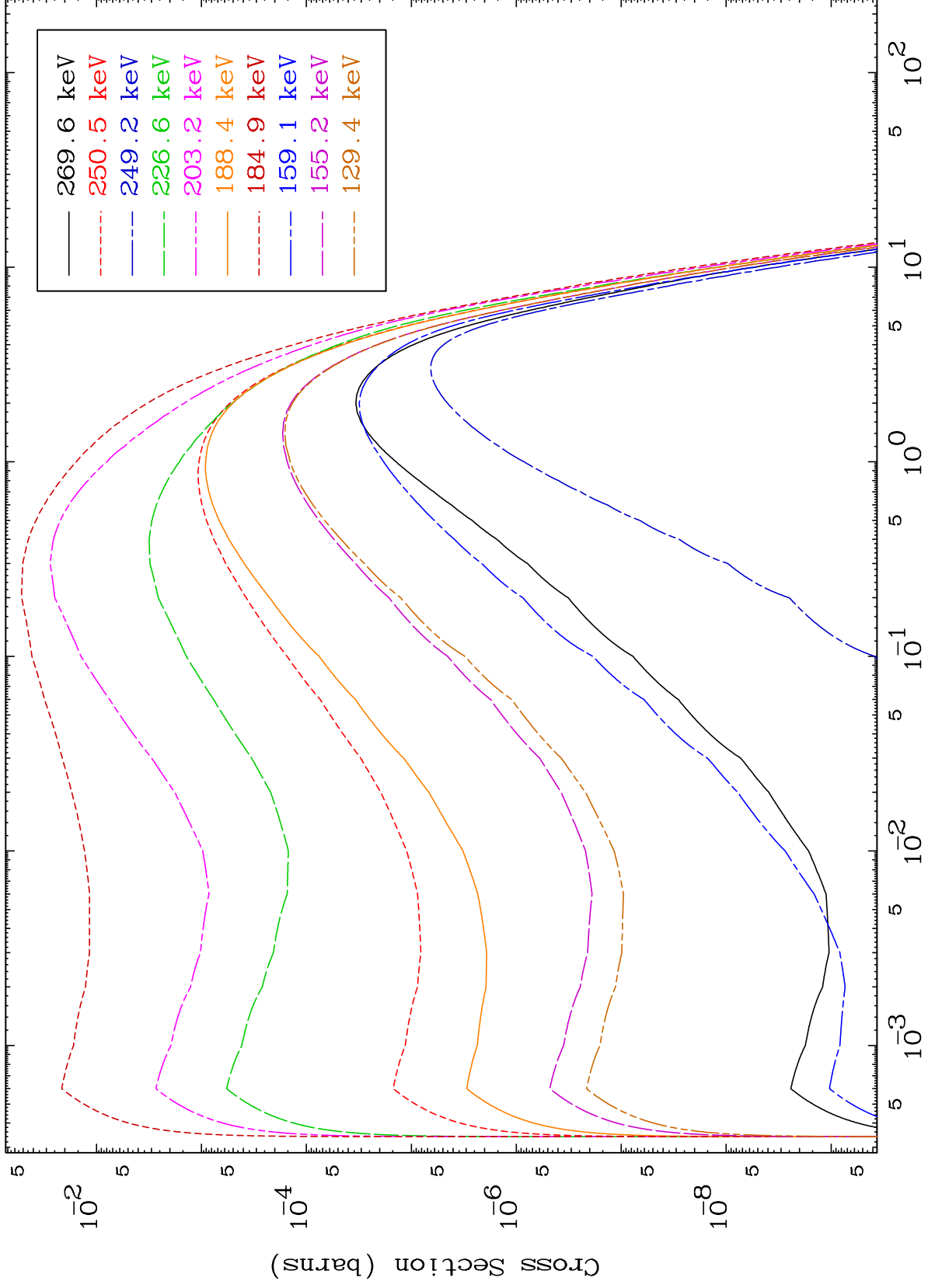
73-Ta-182



MAT 7332

(n,n') Level
293 Kelvin Cross Sections

73-Ta-182



8

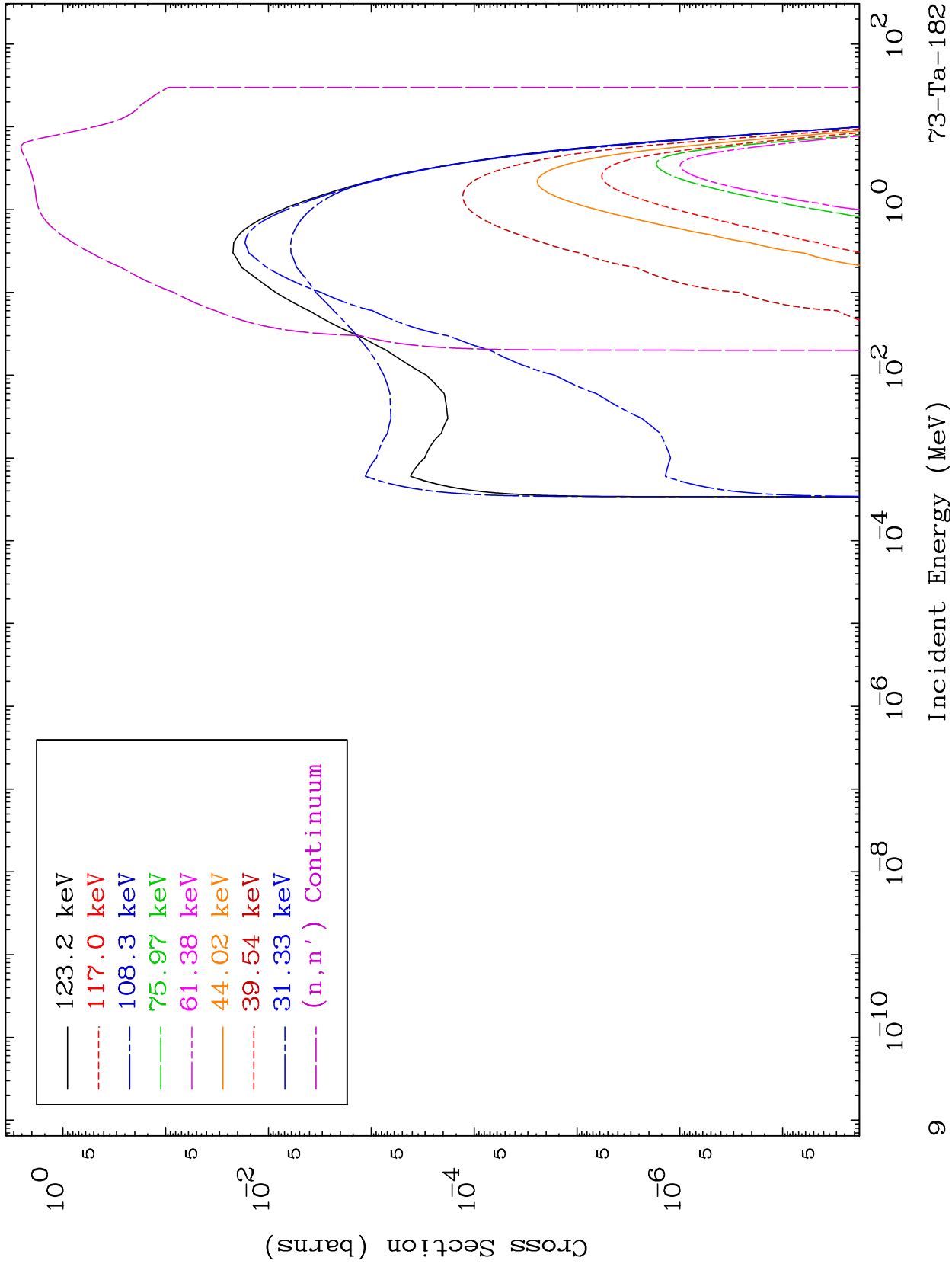
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,n') Level
293 Kelvin Cross Sections

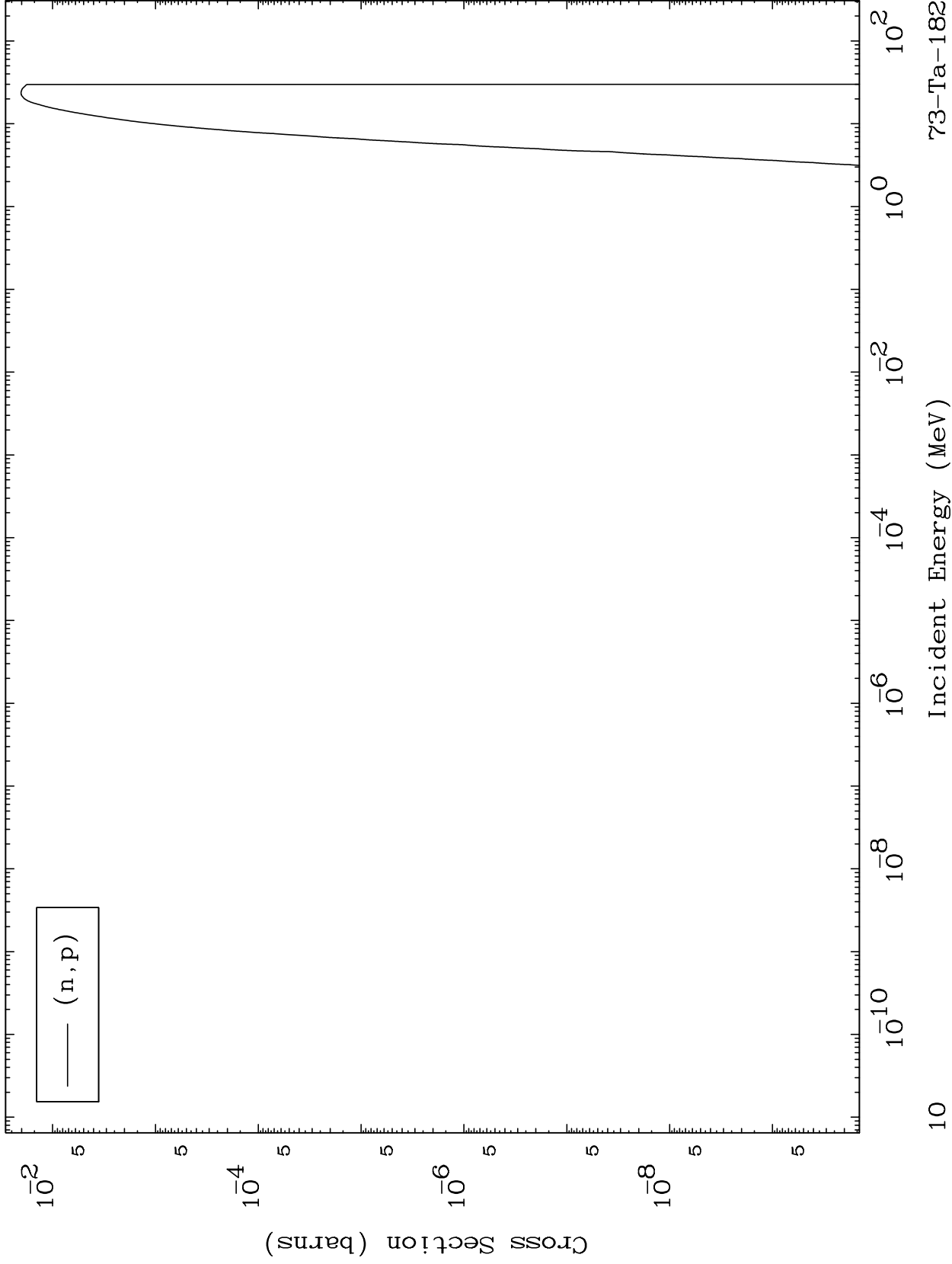
73-Ta-182



MAT 7332

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-182



10

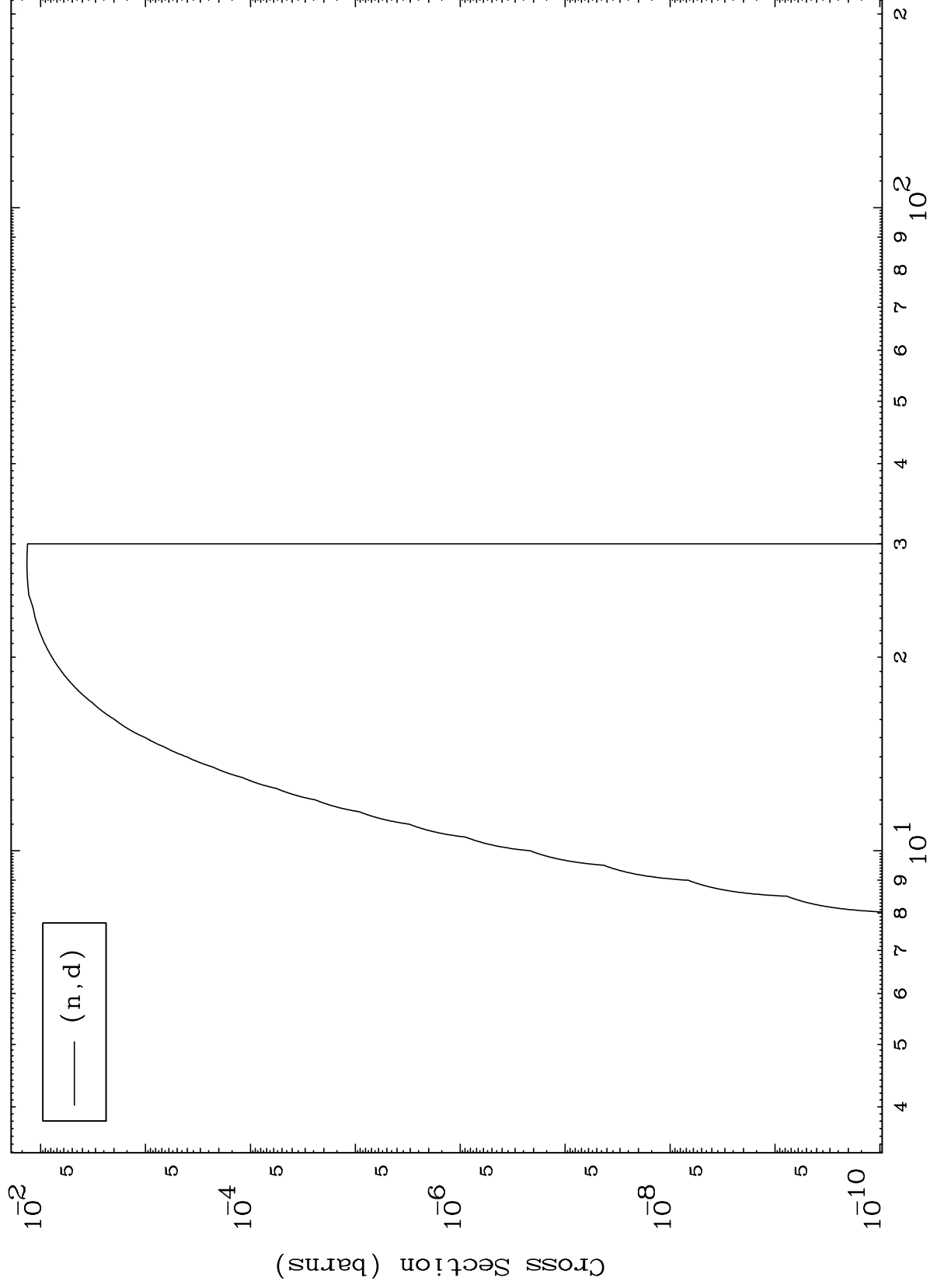
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-182



11

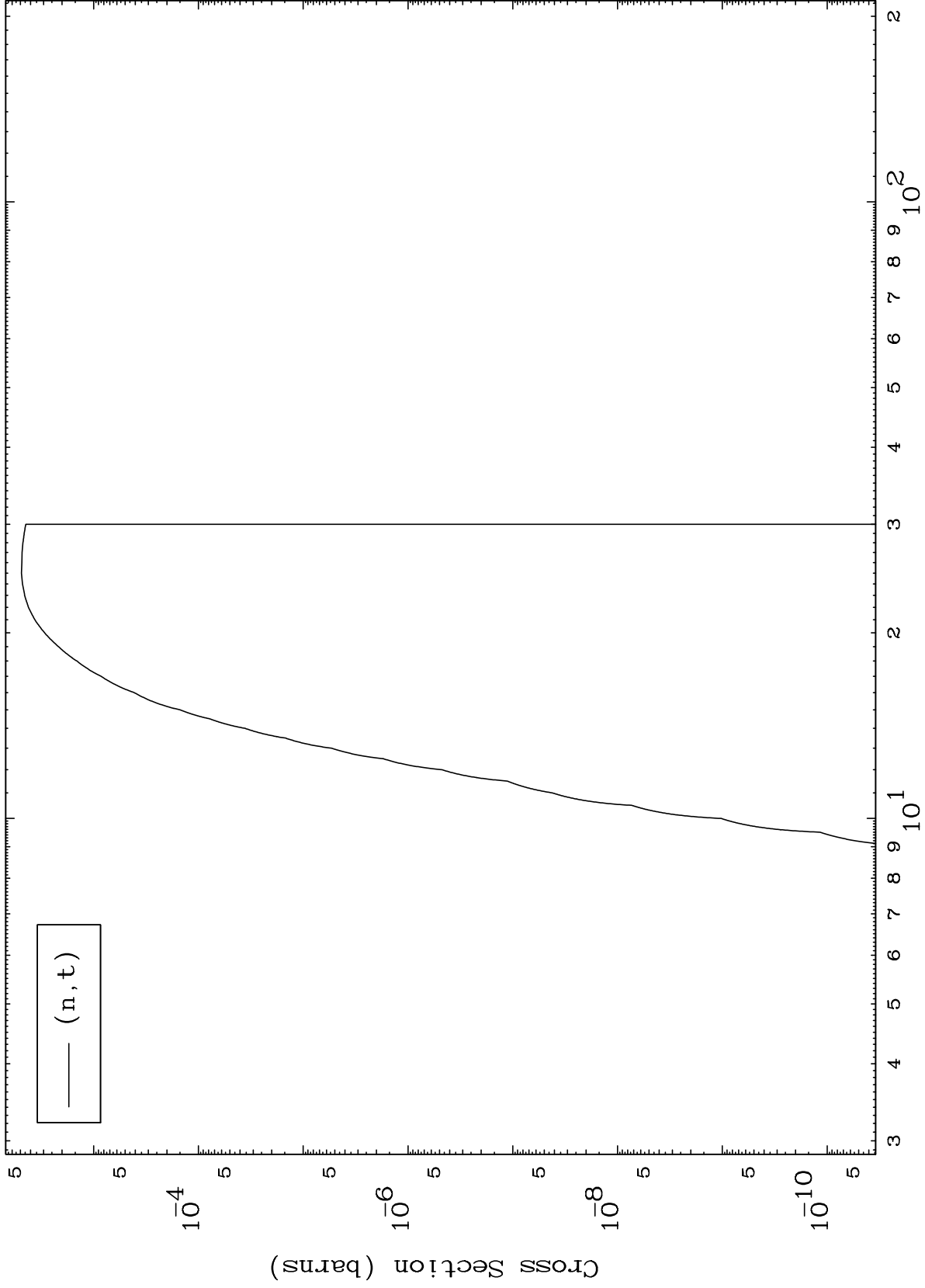
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-182



12

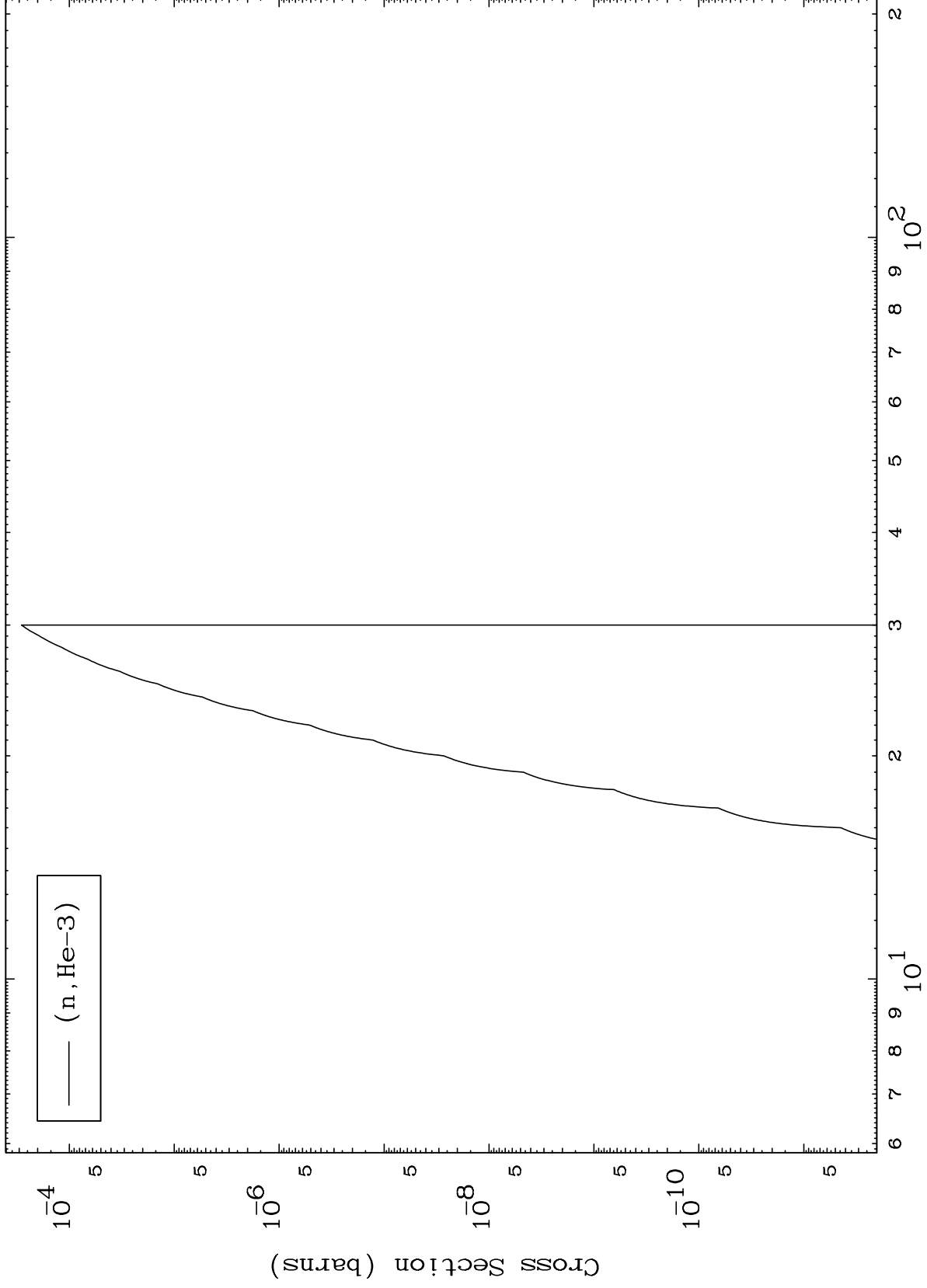
Incident Energy (MeV)

73-Ta-182

MAT 7332

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-182



13

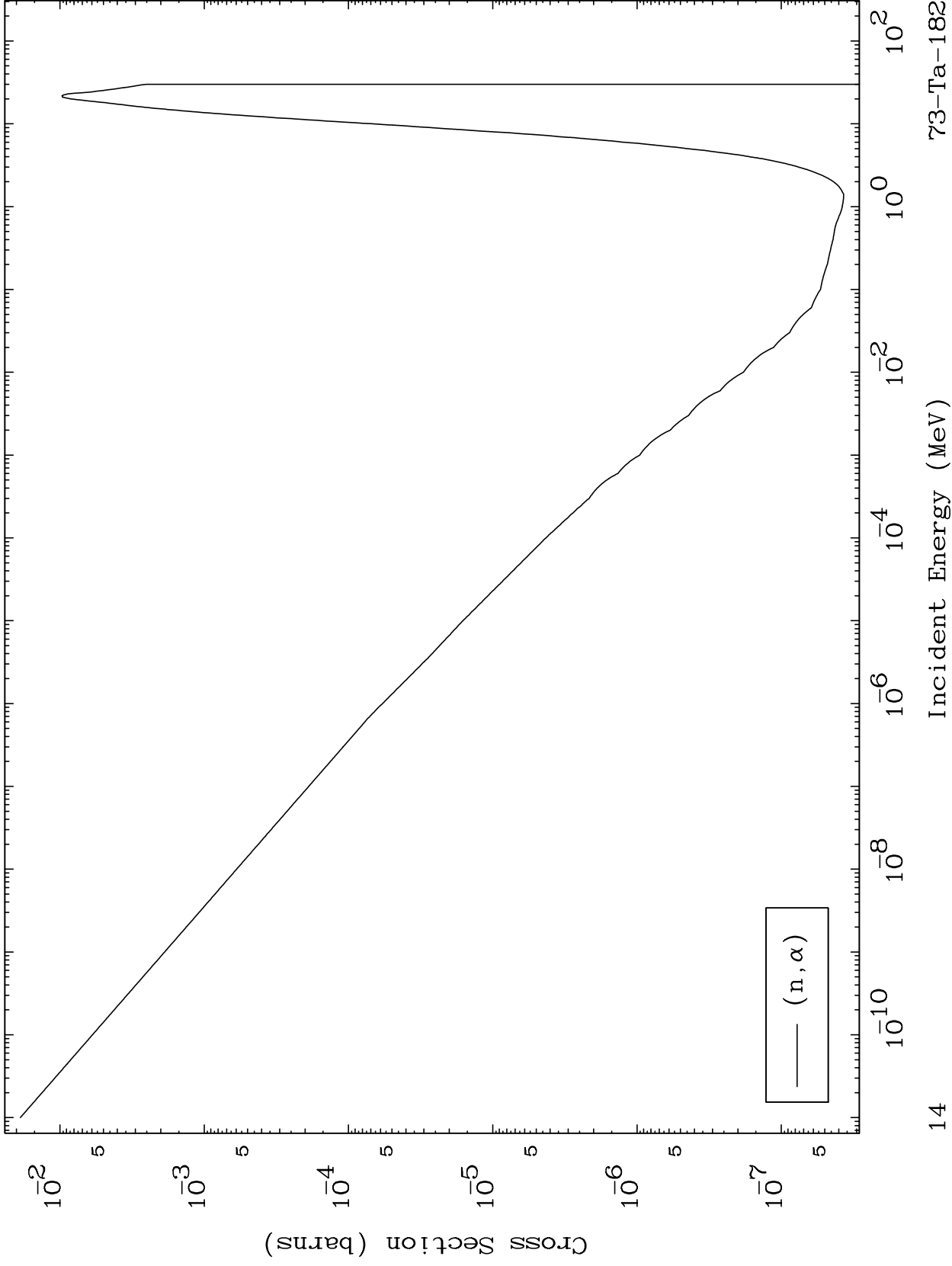
Incident Energy (MeV)

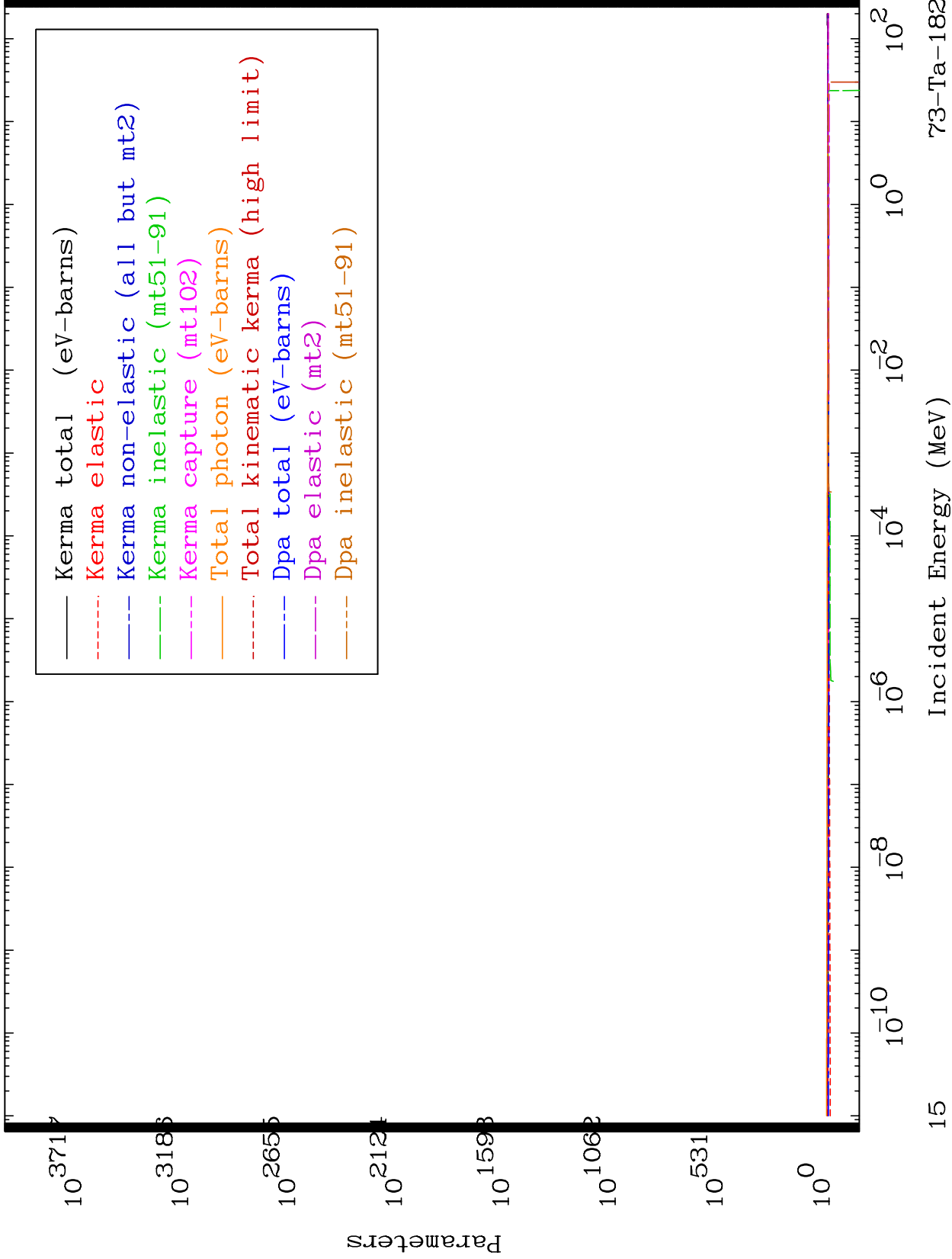
73-Ta-182

MAT 7332

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-182

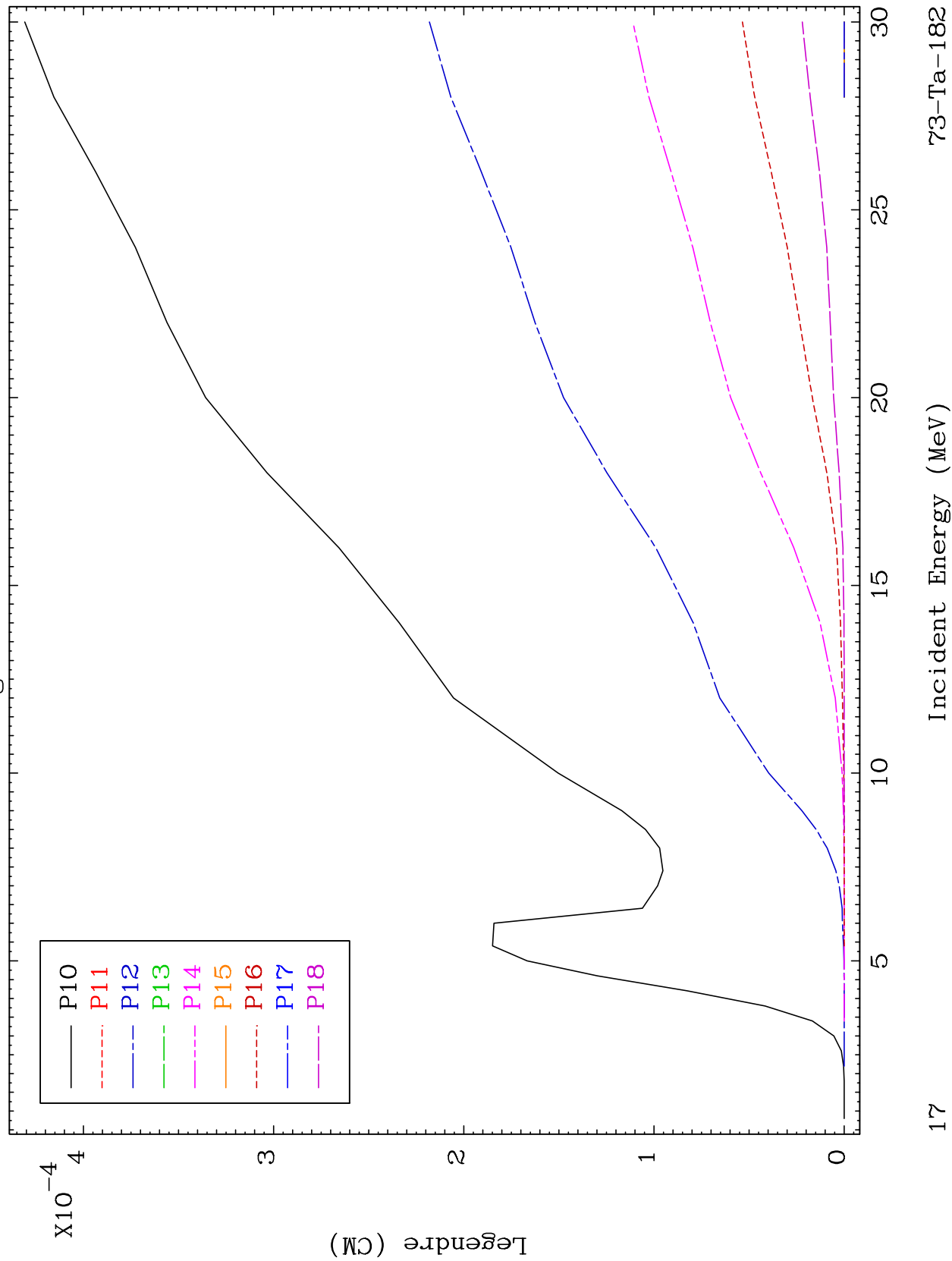




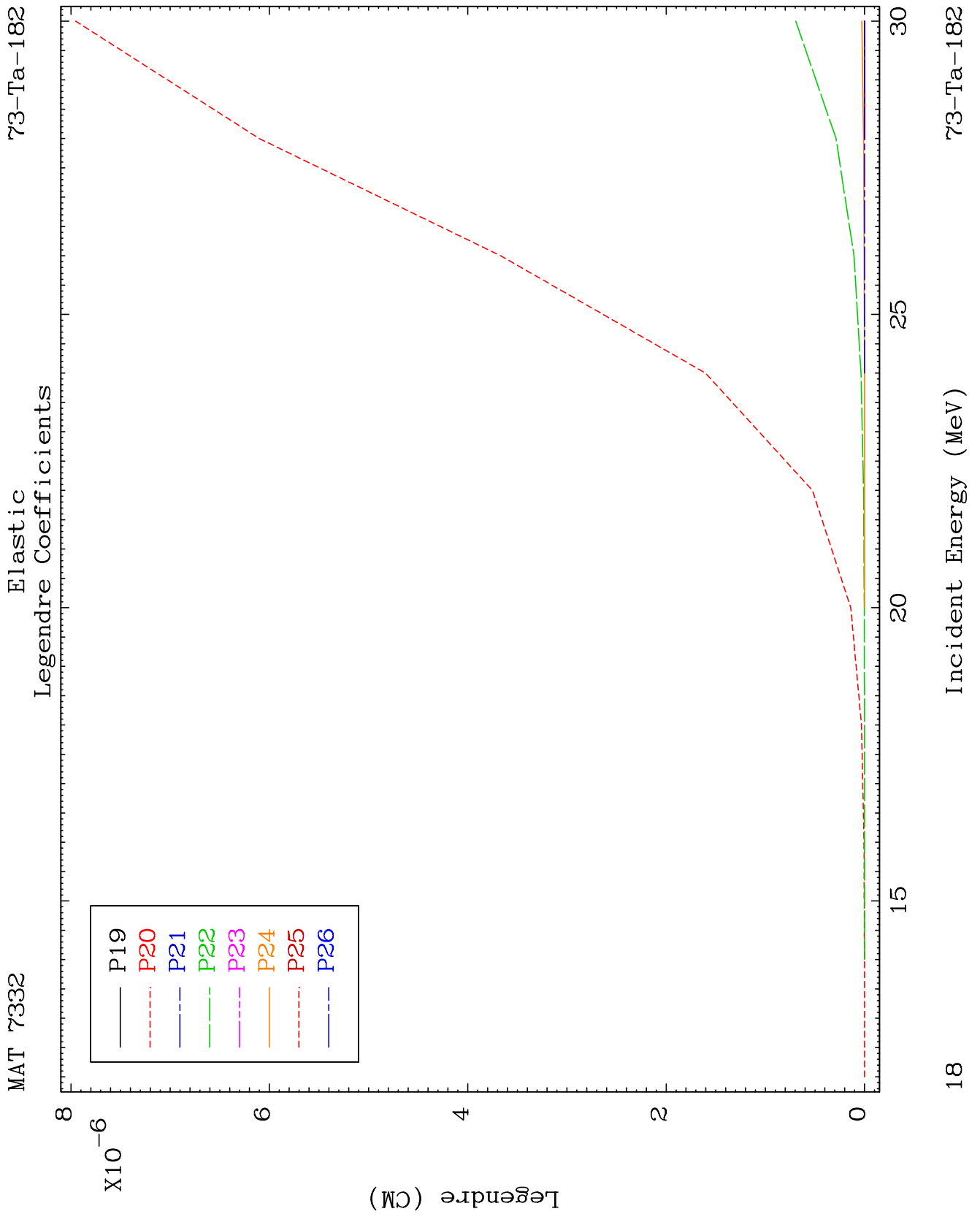
MAT 7332

Elastic Legendre Coefficients

⁷³Ta-182



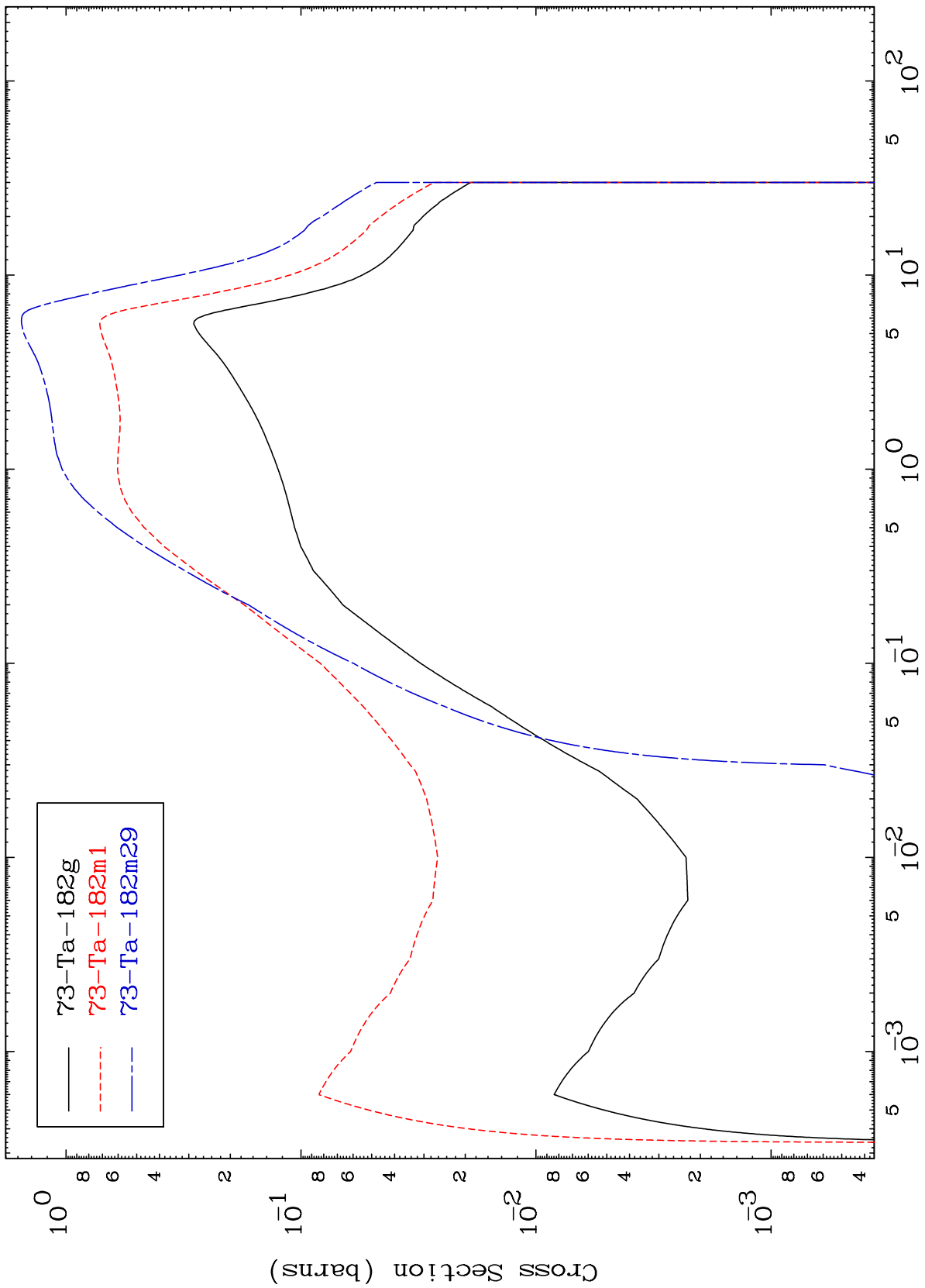
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18



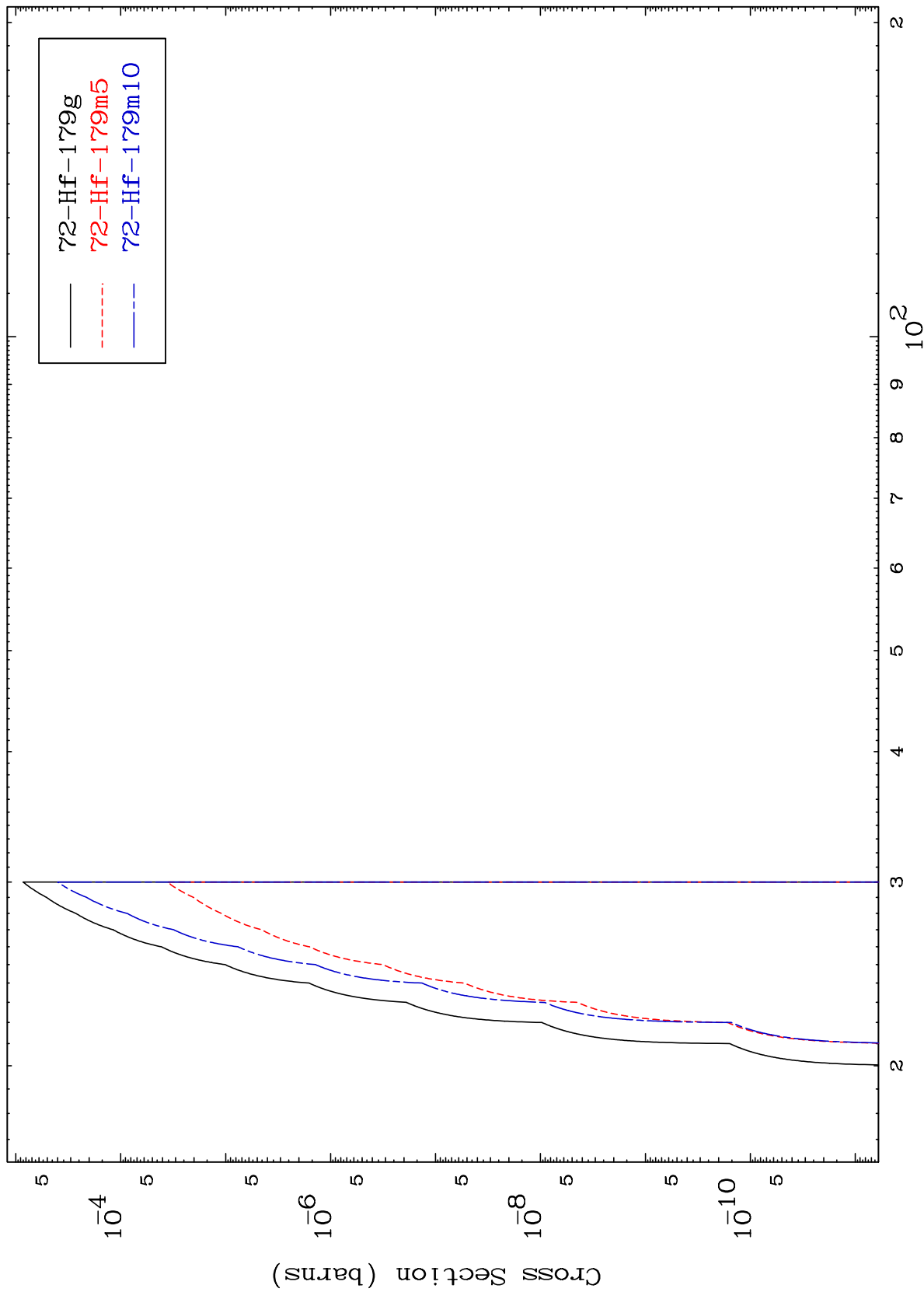
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73-Ta-182

Radionuclide Production Cross Section



Radionuclide Production Cross Section

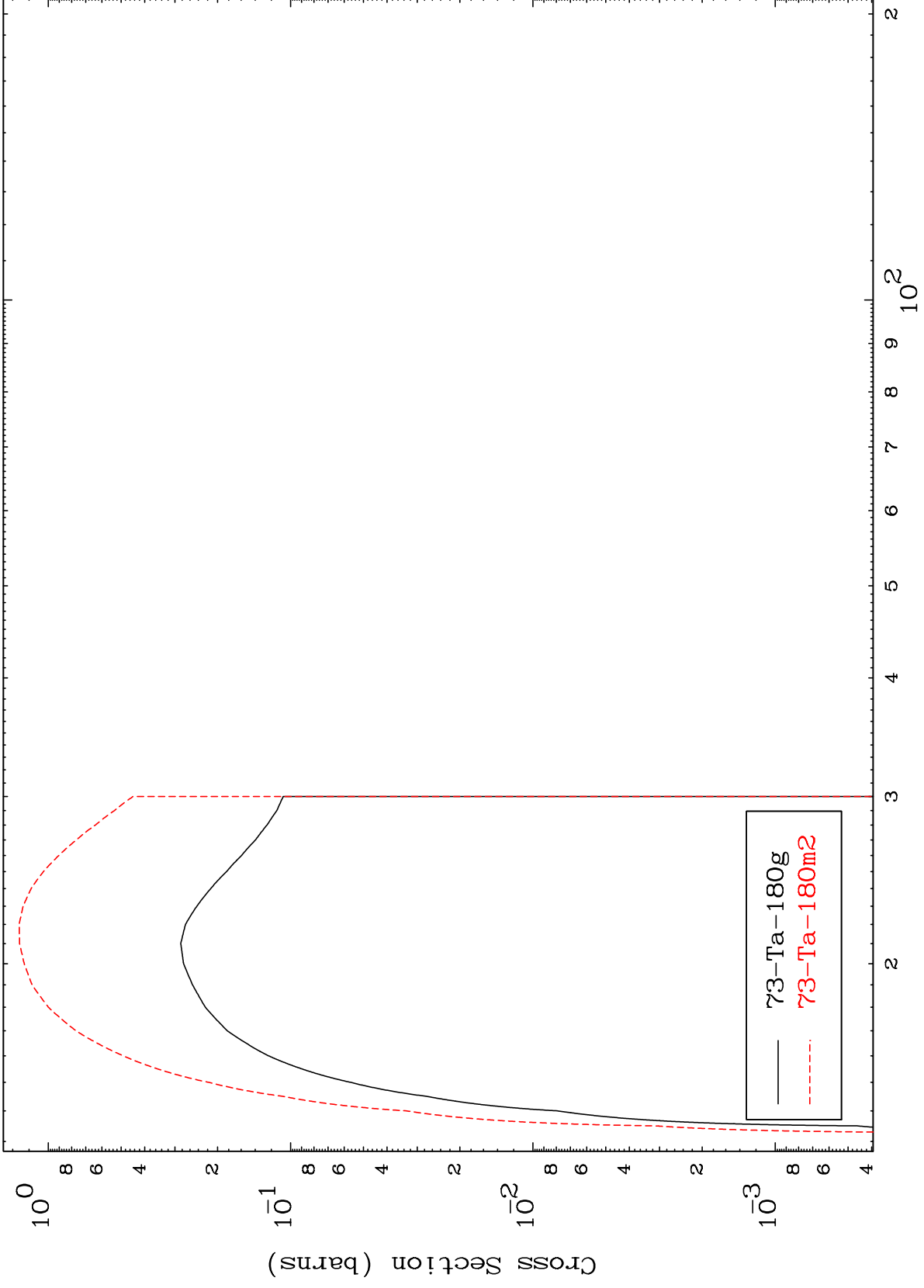


MAT 7332

(n,3n)

⁷³Ta-182

Radionuclide Production Cross Section

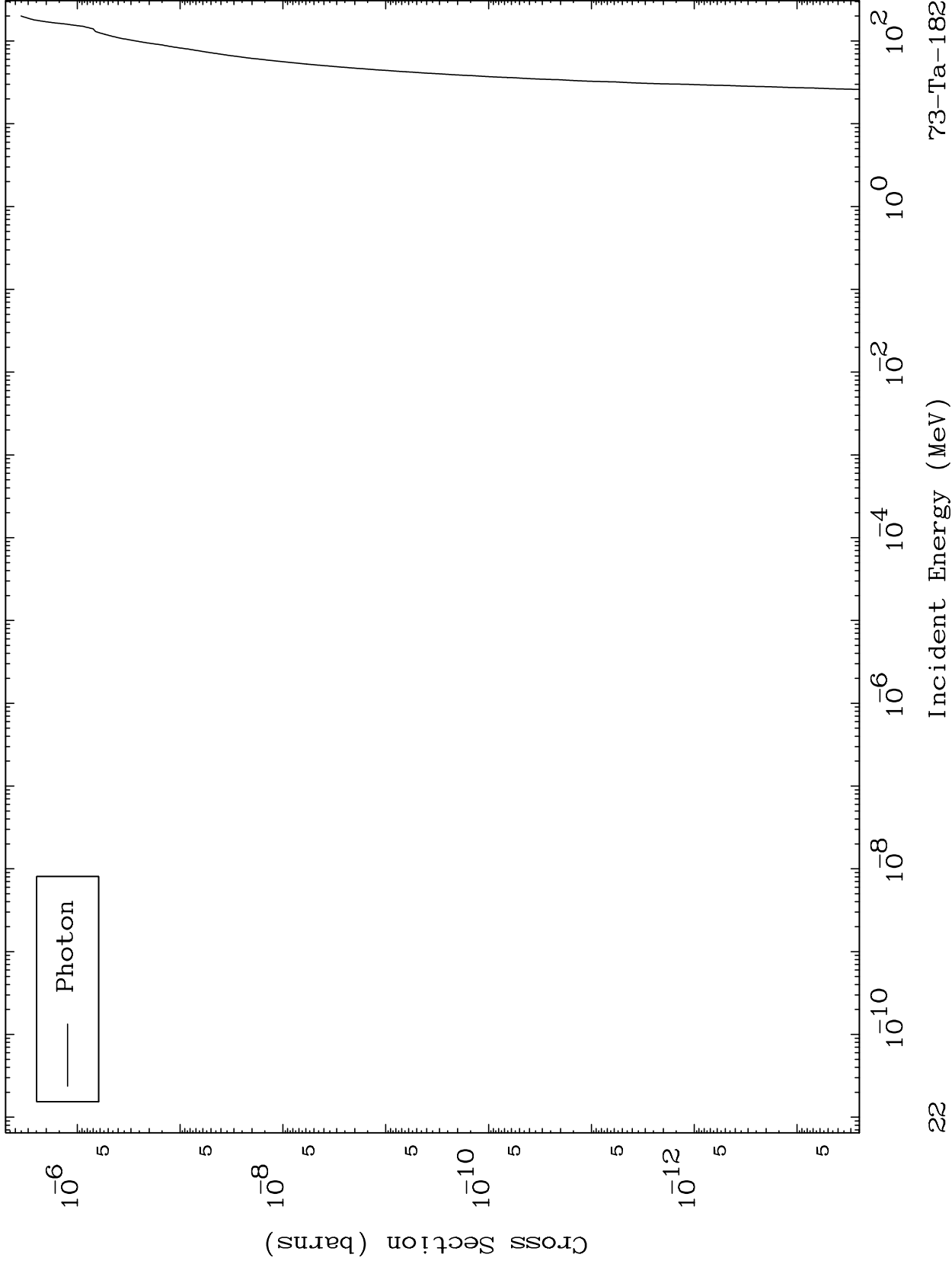


MAT 7332

Fission

⁷³Ta-182

Radionuclide Production Cross Section



22

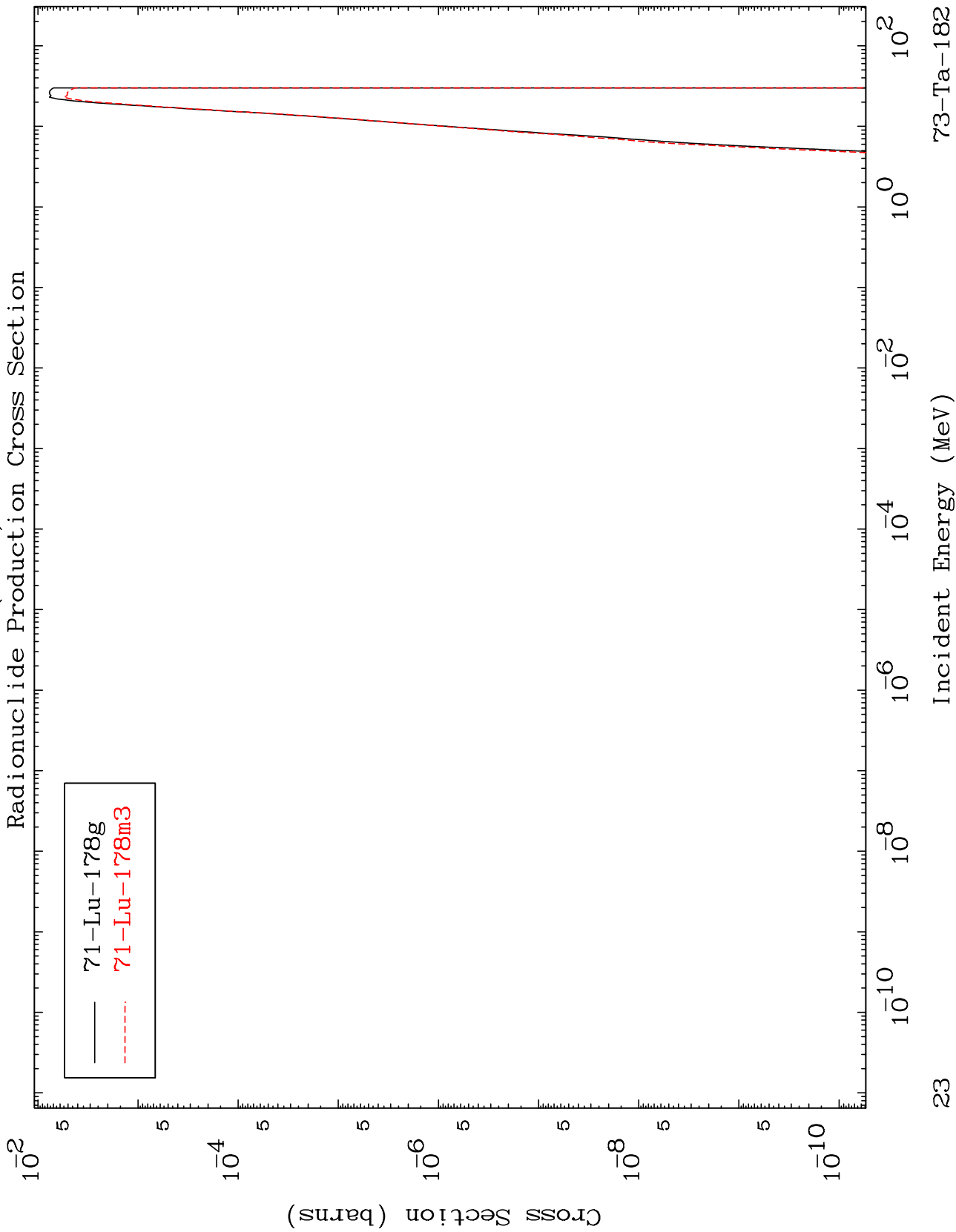
Incident Energy (MeV)

⁷³Ta-182

MAT 7332

$(n, n') \alpha$

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

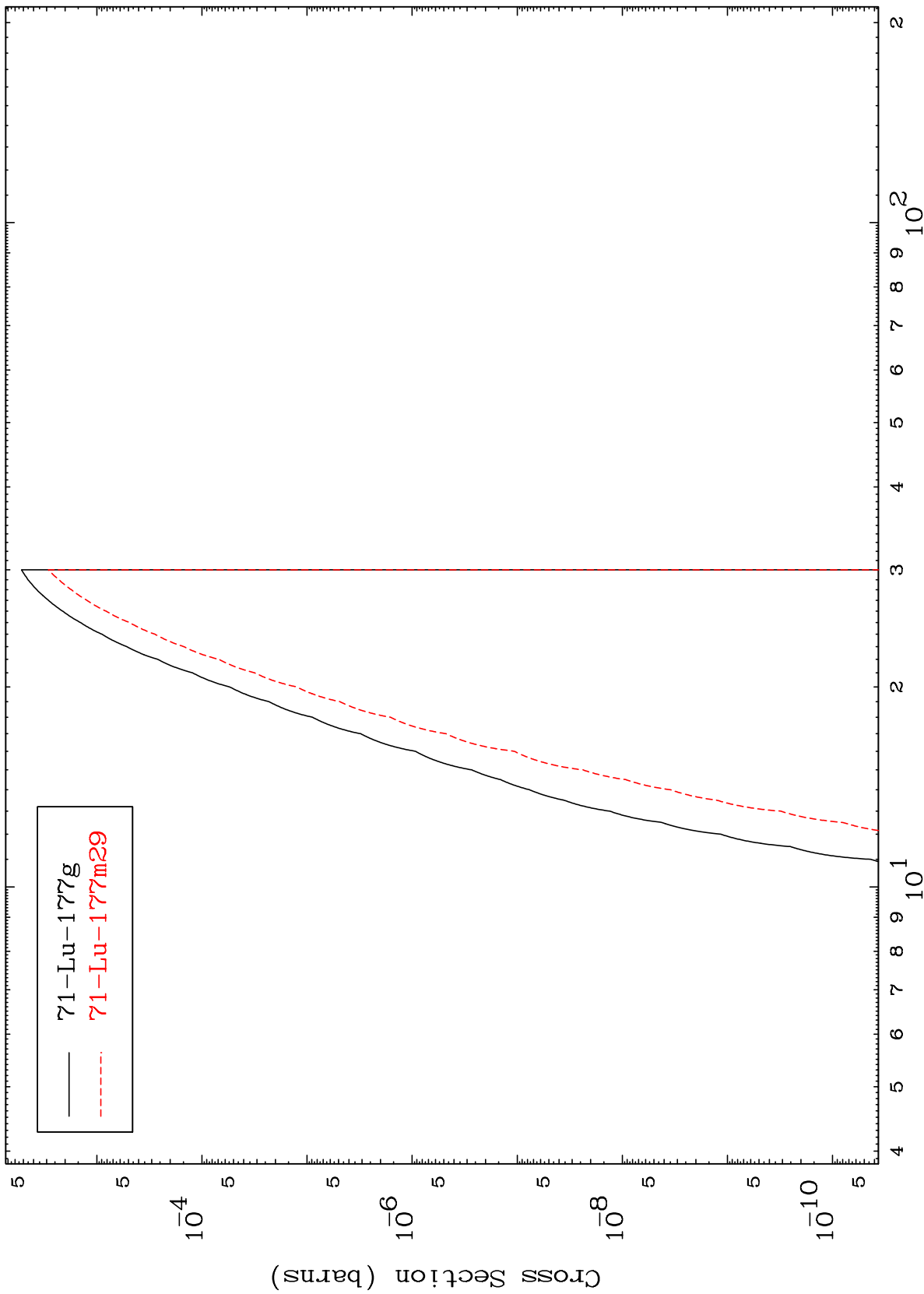


MAT 7332

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



24

Incident Energy (MeV)

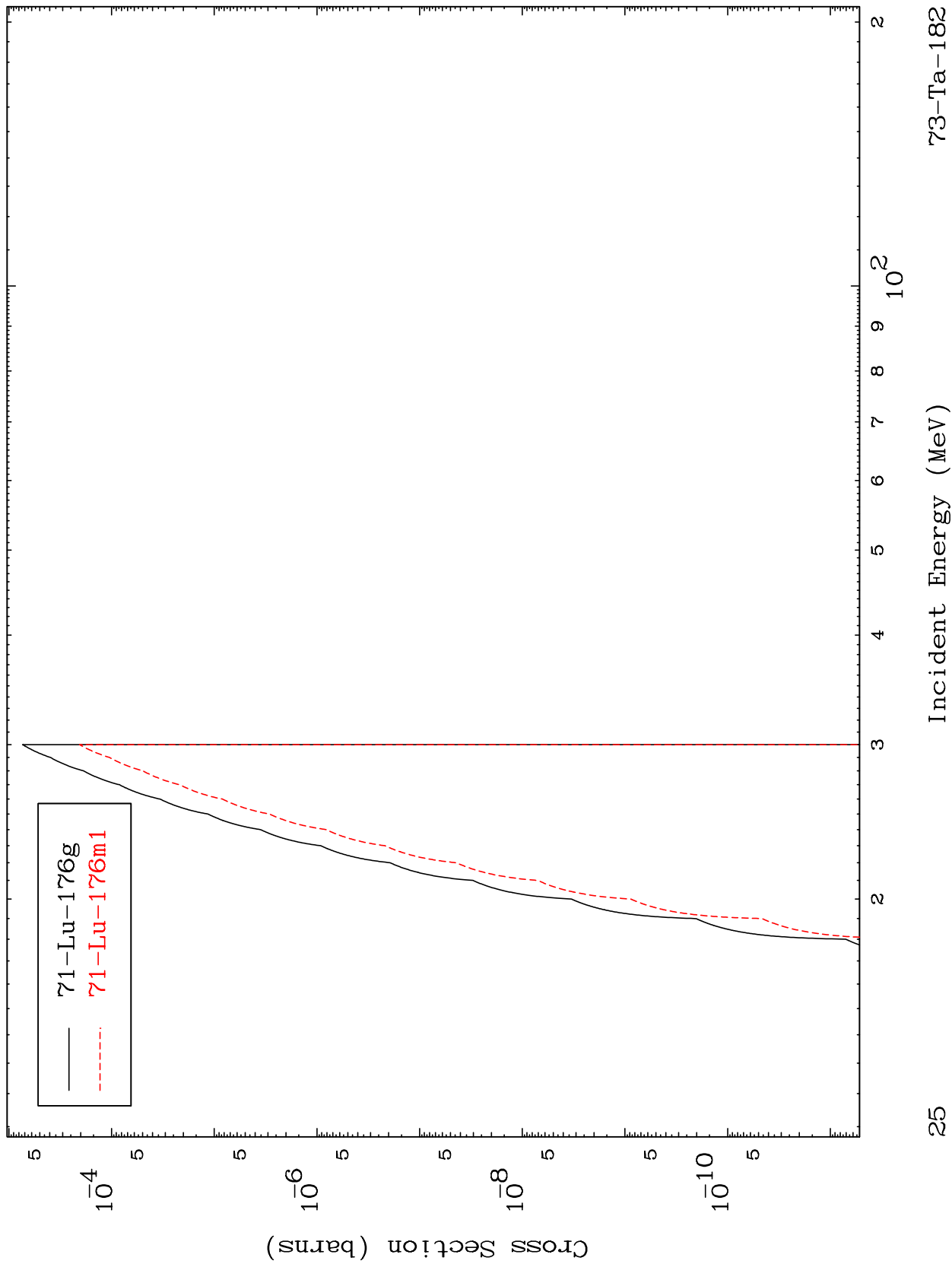
$^{73}\text{Ta-182}$

MAT 7332

(n,3n) α

73-Ta-182

Radionuclide Production Cross Section



25

Incident Energy (MeV)

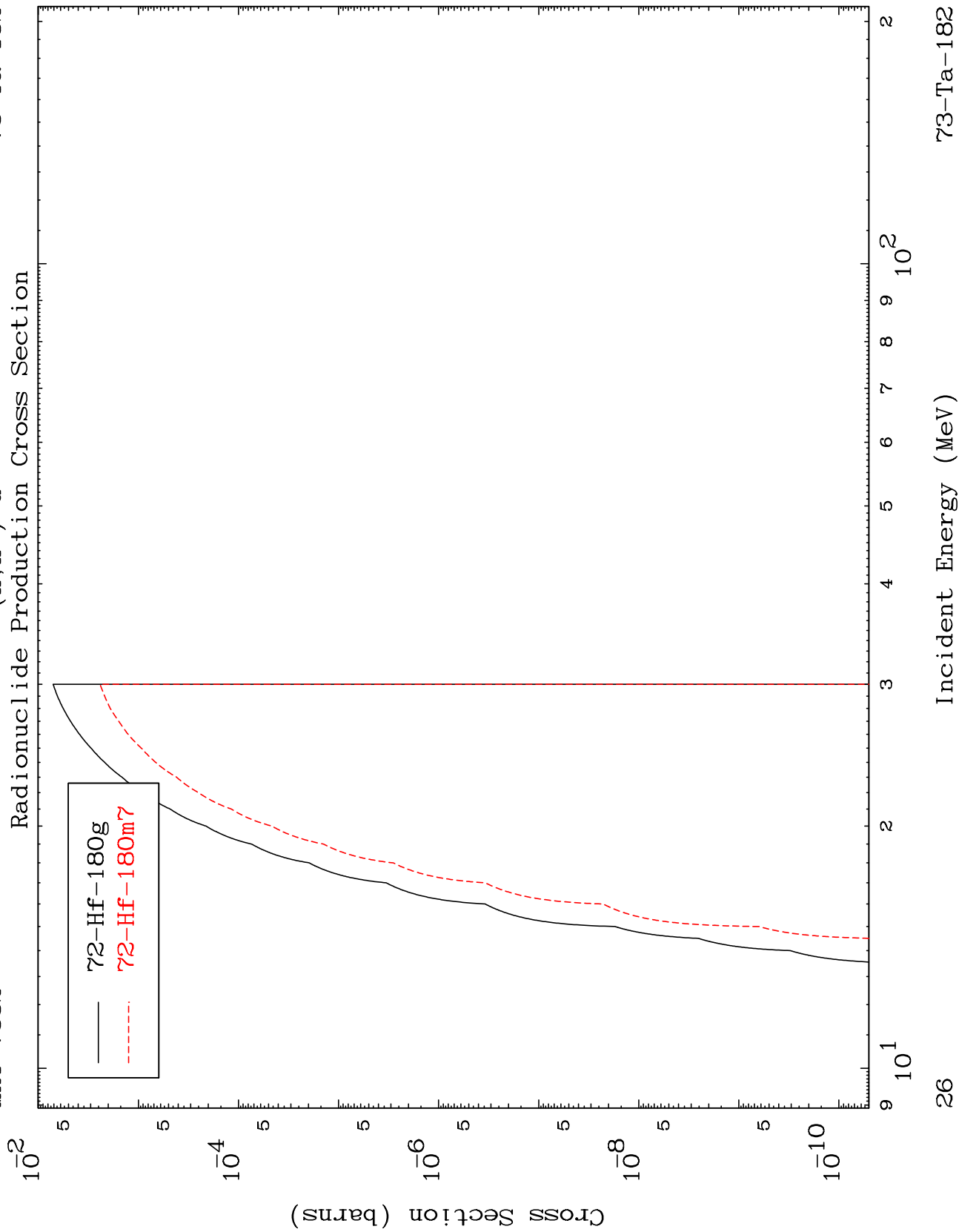
73-Ta-182

MAT 7332

(n,n') d

73-Ta-182

Radionuclide Production Cross Section

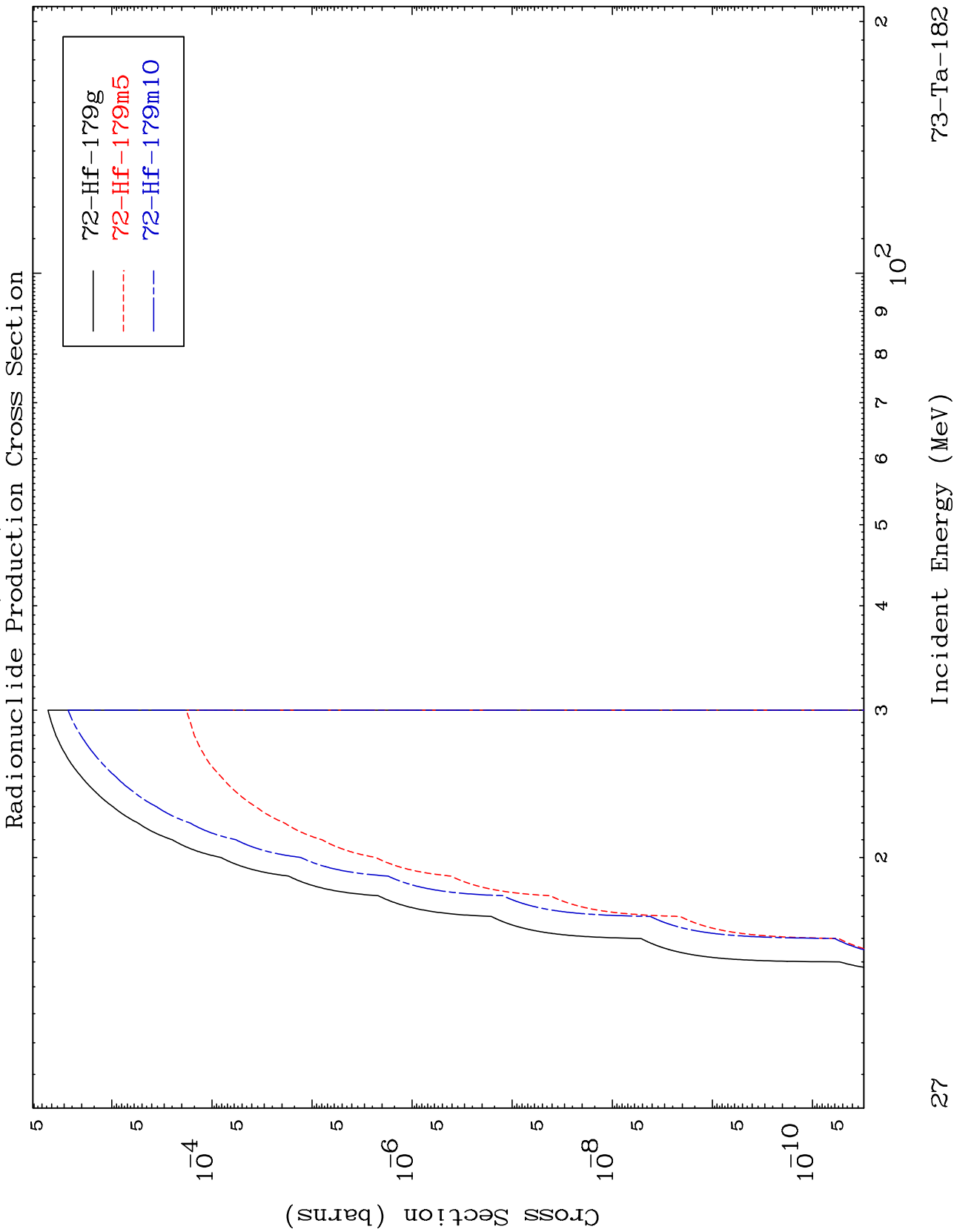


72-Hf-180g
72-Hf-180m7

Incident Energy (MeV)

73-Ta-182

26

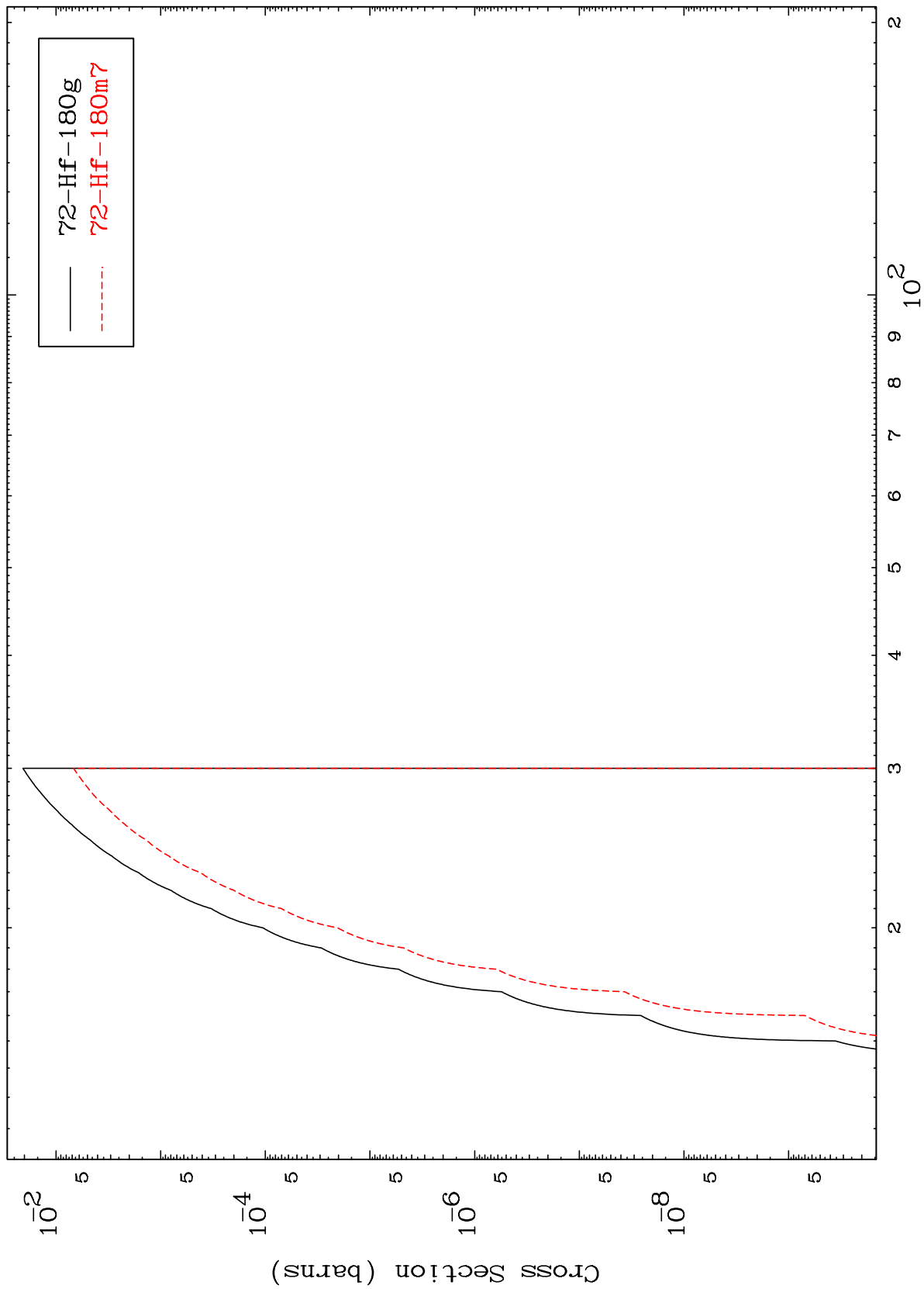


MAT 7332

(n,2n) p

73-Ta-182

Radionuclide Production Cross Section

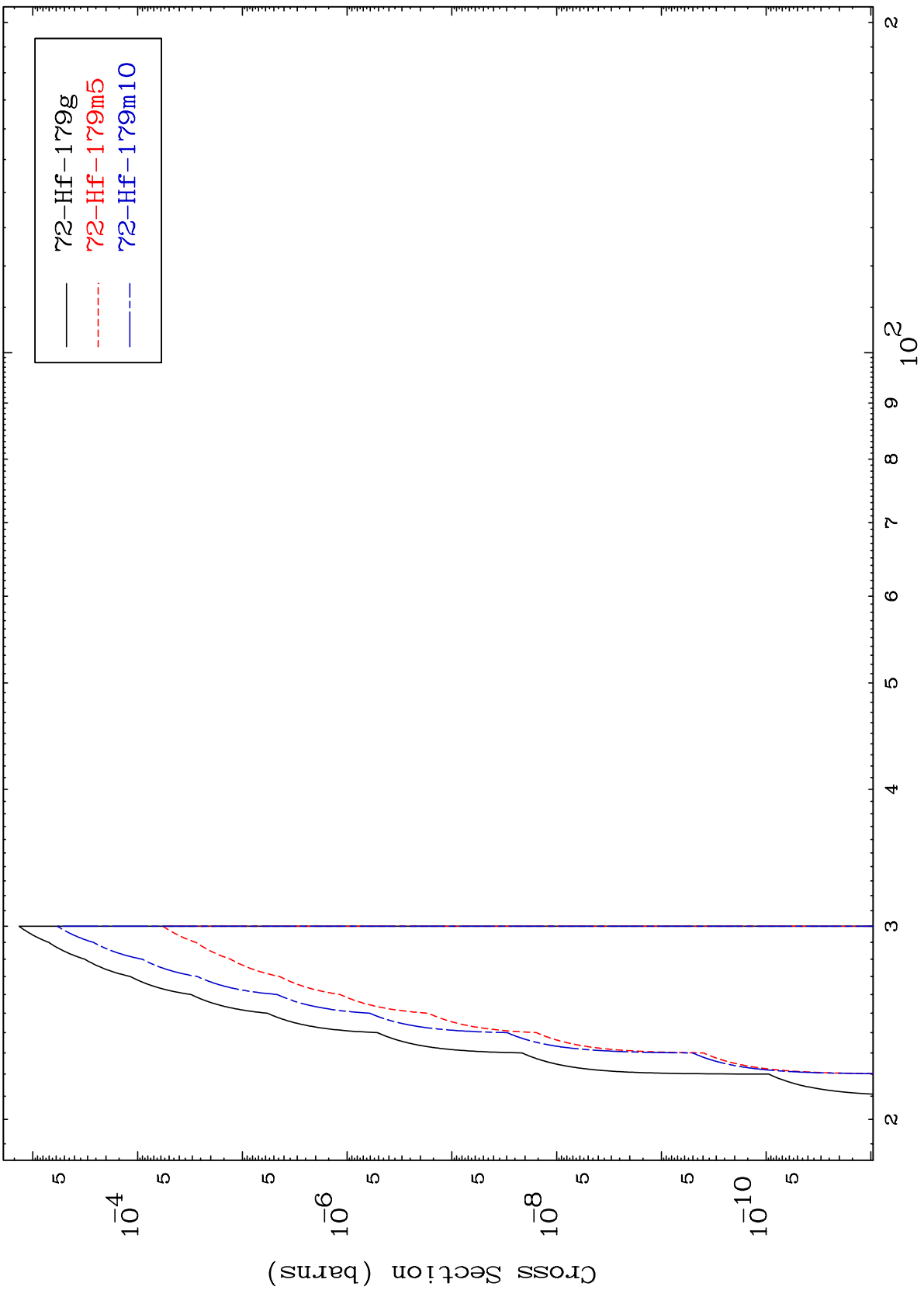


28

Incident Energy (MeV)

73-Ta-182

Radionuclide Production Cross Section

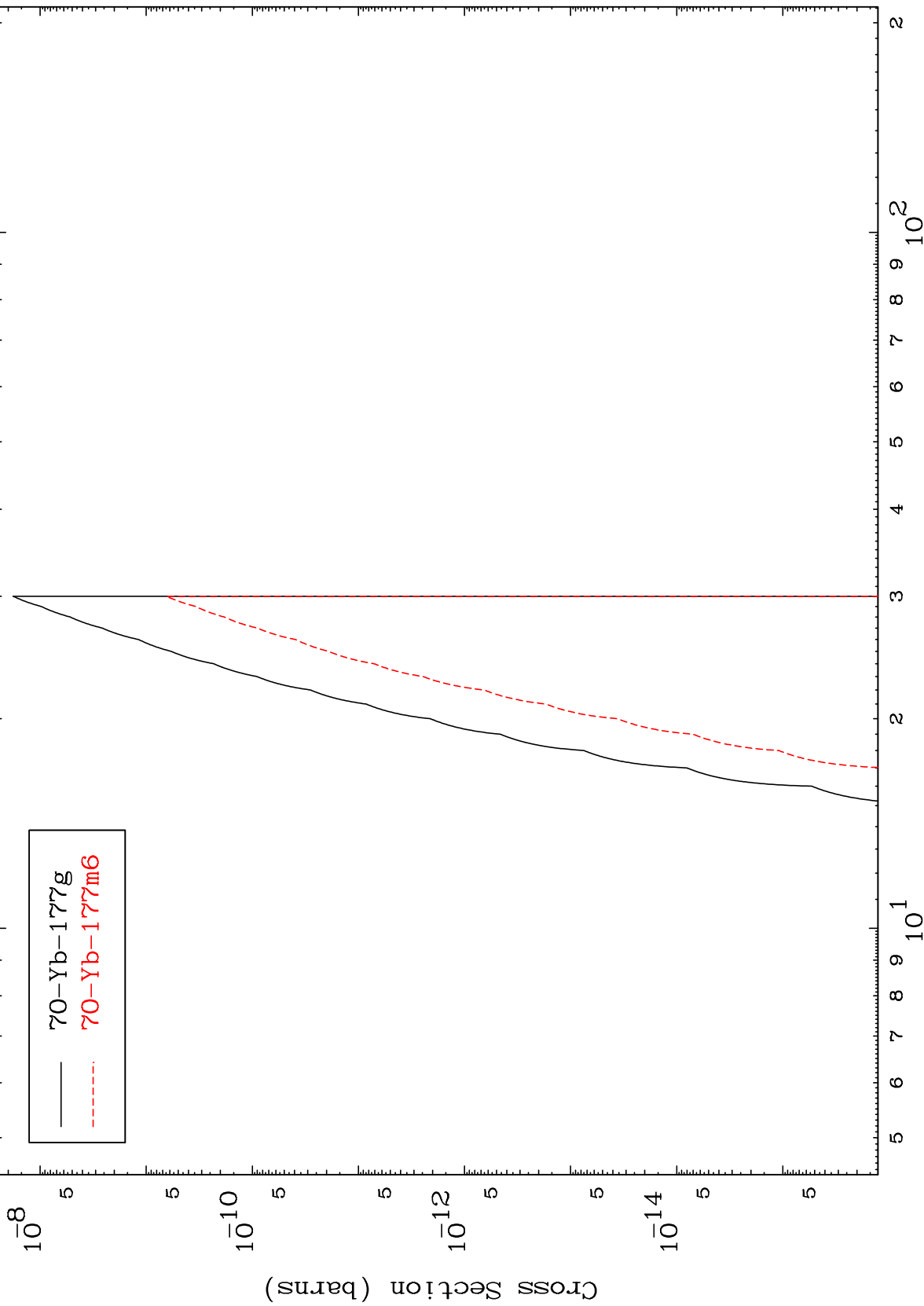


MAT 7332

(n,n') p α

⁷³Ta-182

Radionuclide Production Cross Section



30

Incident Energy (MeV)

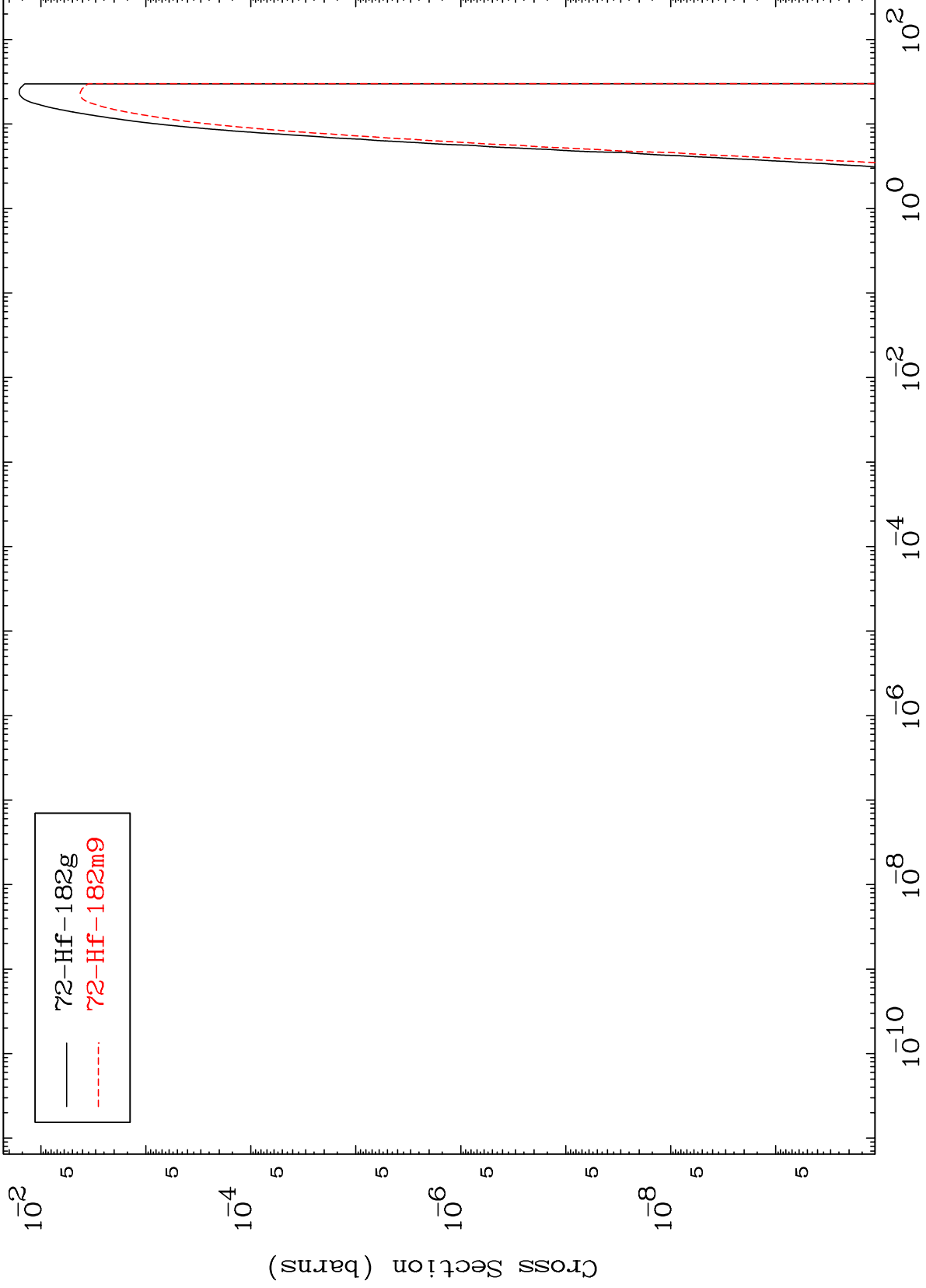
⁷³Ta-182

MAT 7332

(n,p)

⁷³Ta-182

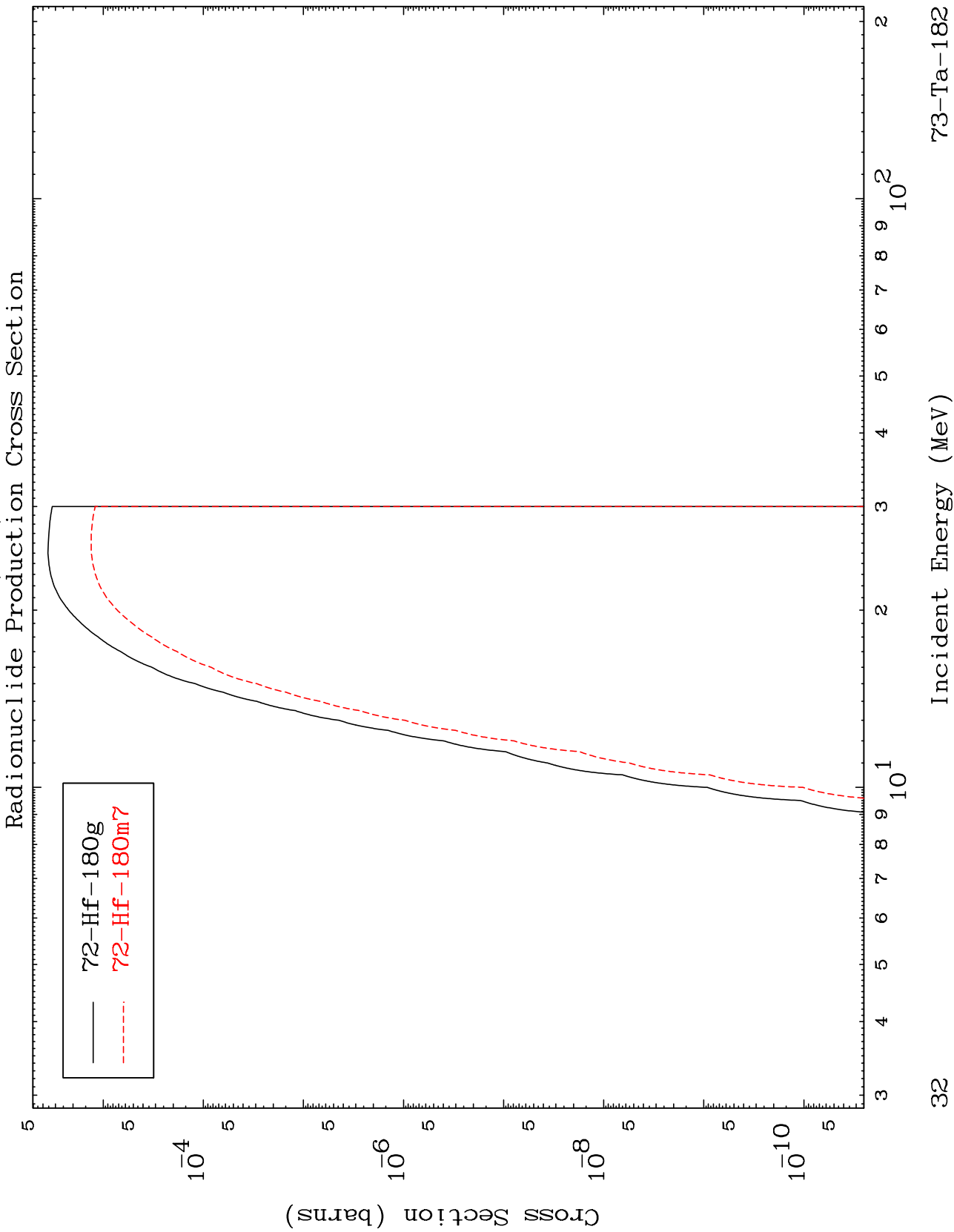
Radionuclide Production Cross Section



— 72-Hf-182g
- - - 72-Hf-182m9

MAT 7332

⁷³Ta-182



Incident Energy (MeV)

⁷³Ta-182

32

MAT 7332

(n,d) α

⁷³Ta-182

Radionuclide Production Cross Section

