

Program EVALPLOT
(Version 2015-2)

by

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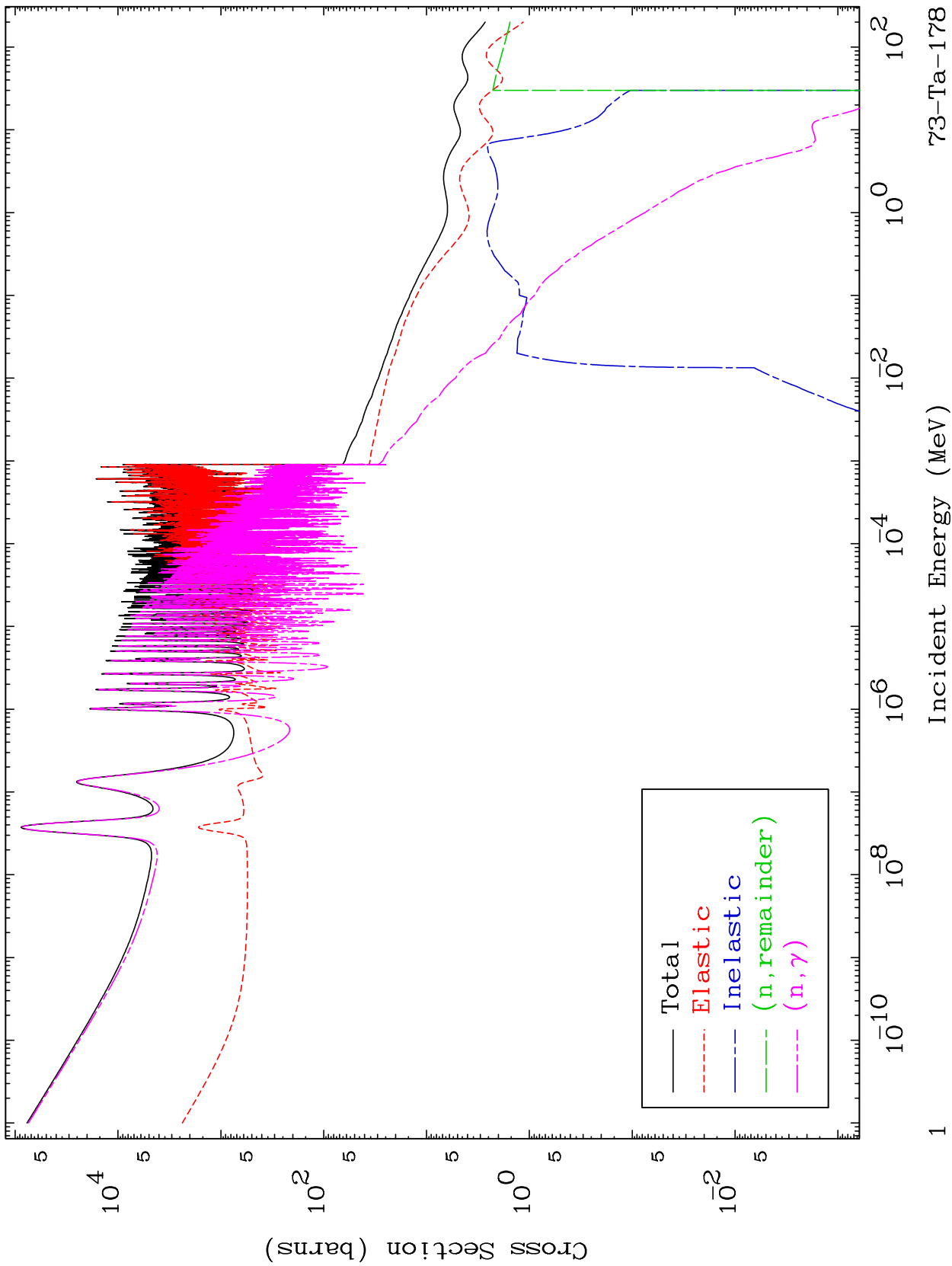
Press Mouse Button to Start

MAT 7320

Major

293 Kelvin Cross Sections

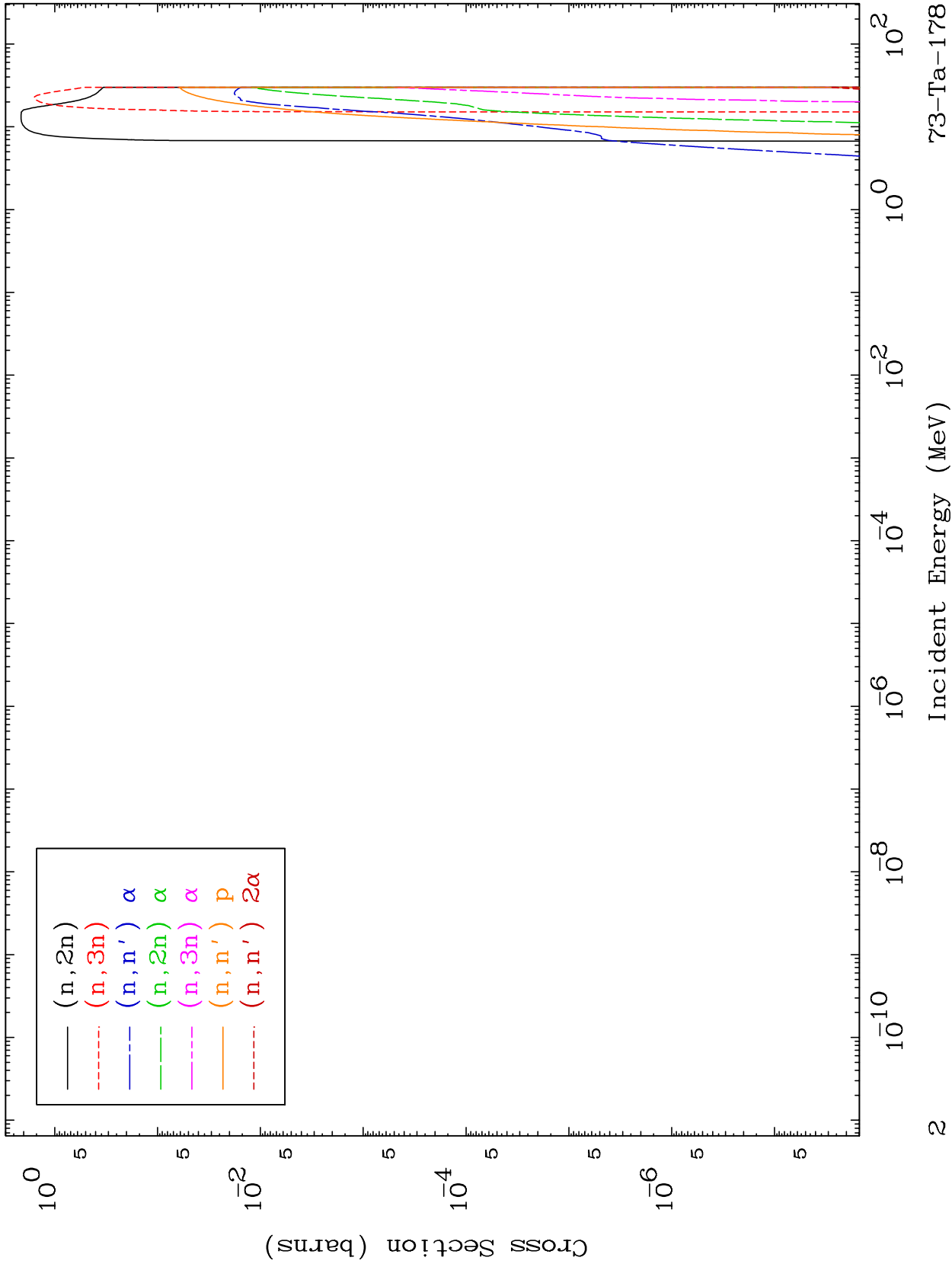
73-Ta-178

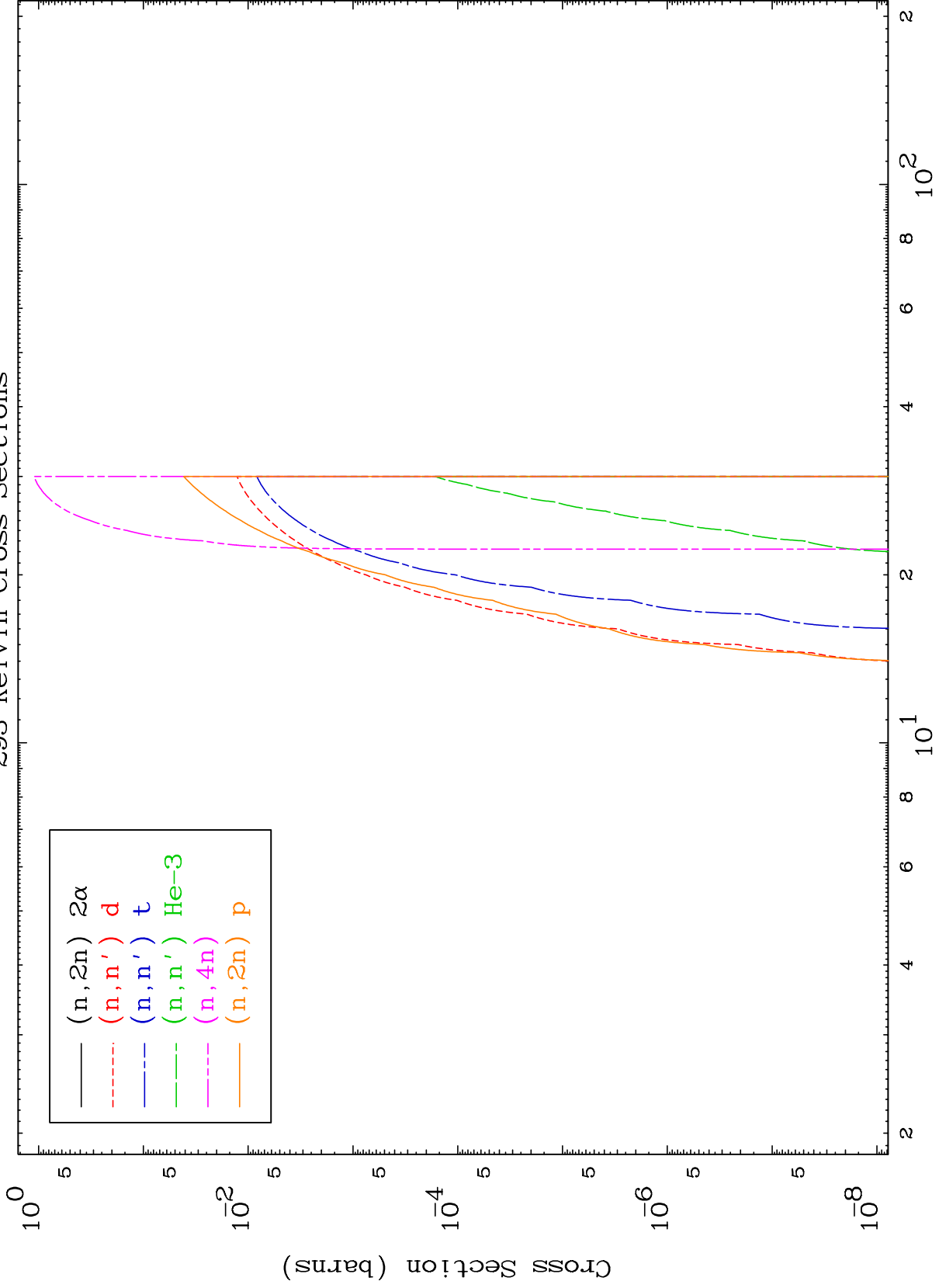


MAT 7320

Neutron Production
293 Kelvin Cross Sections

73-Ta-178

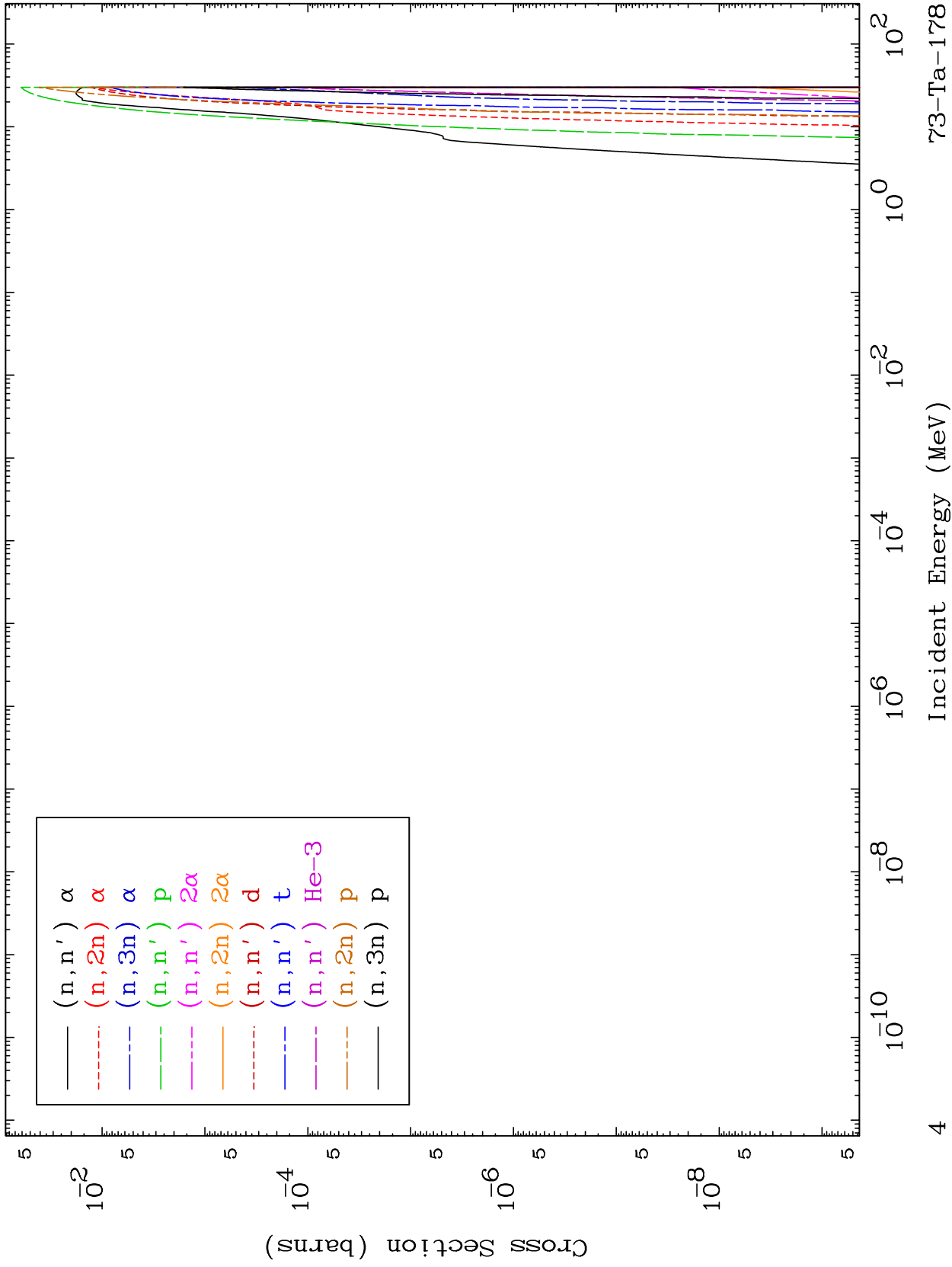




MAT 7320

Charged Particle
293 Kelvin Cross Sections

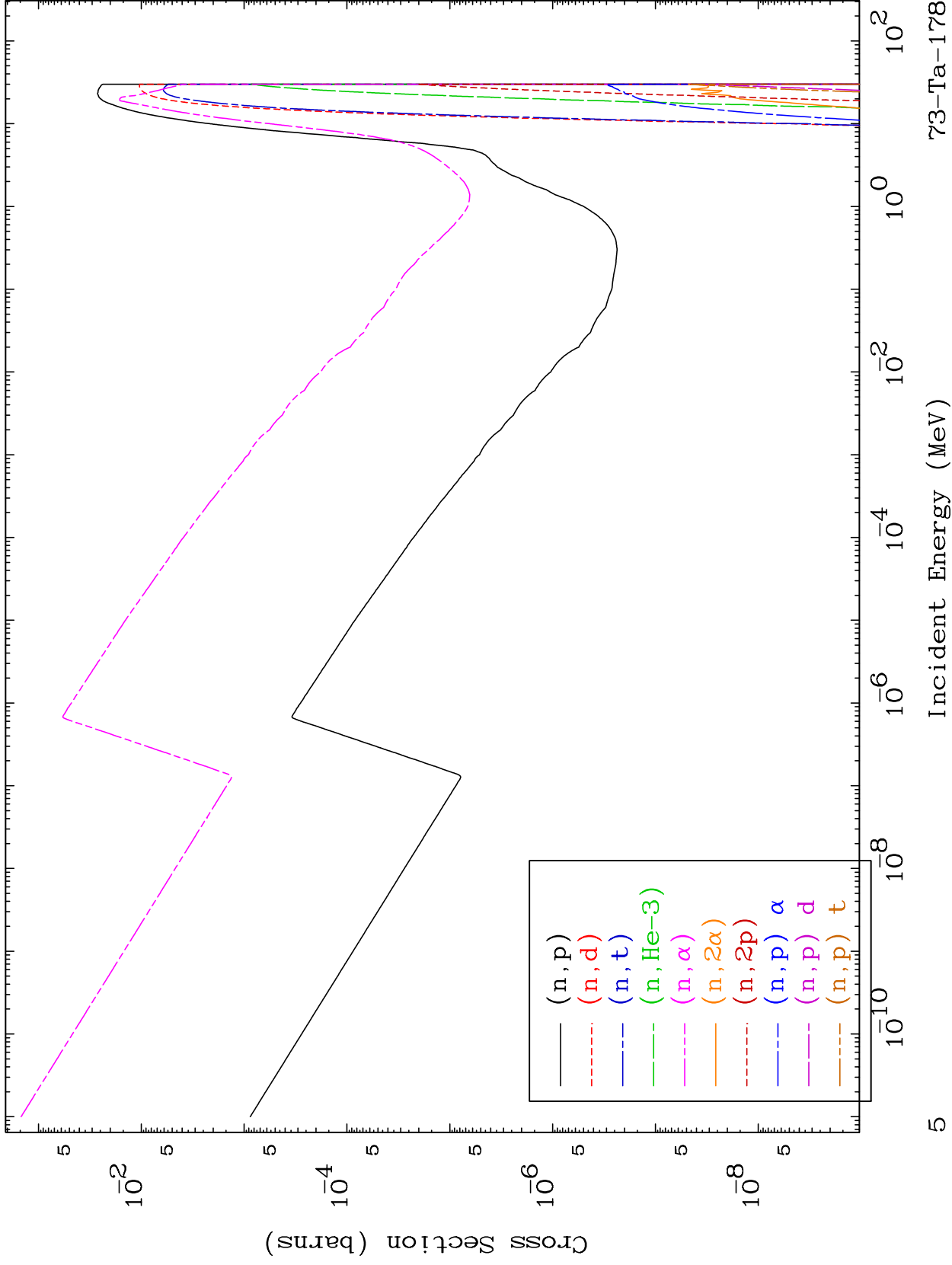
73-Ta-178



MAT 7320

Charged Particle
293 Kelvin Cross Sections

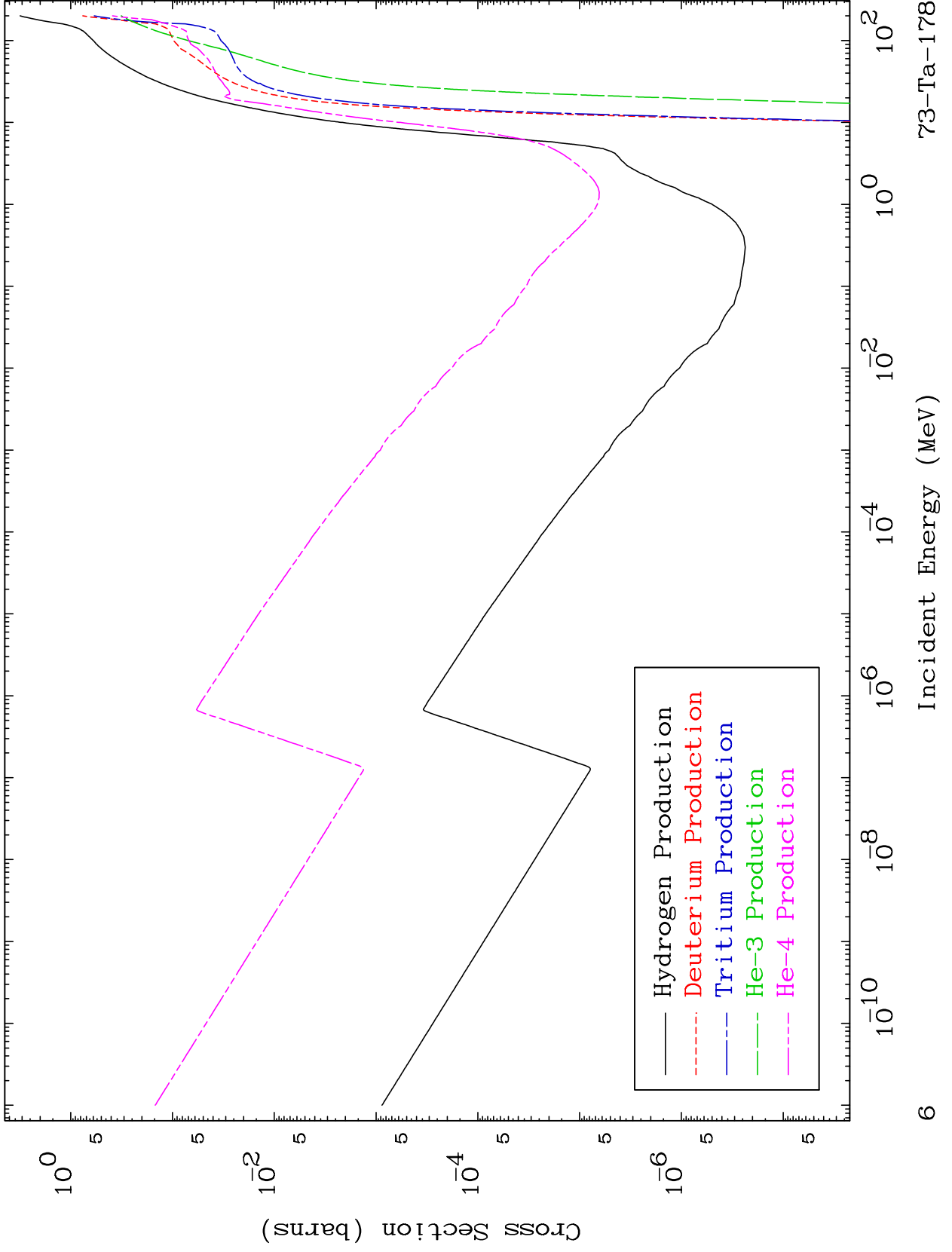
73-Ta-178



MAT 7320

Particle Production
293 Kelvin Cross Sections

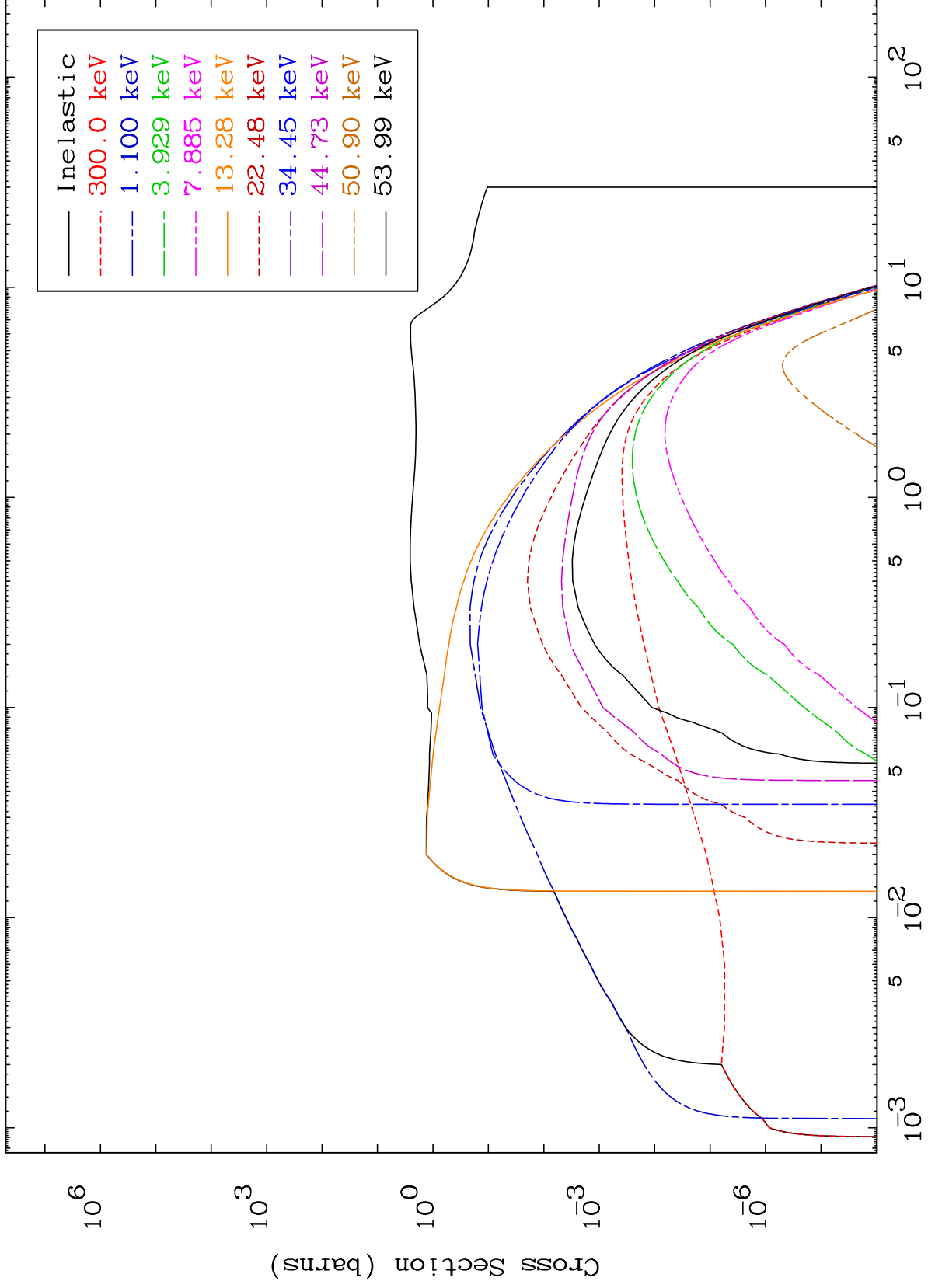
73-Ta-178



MAT 7320

(n,n') Level
293 Kelvin Cross Sections

73-Ta-178



7

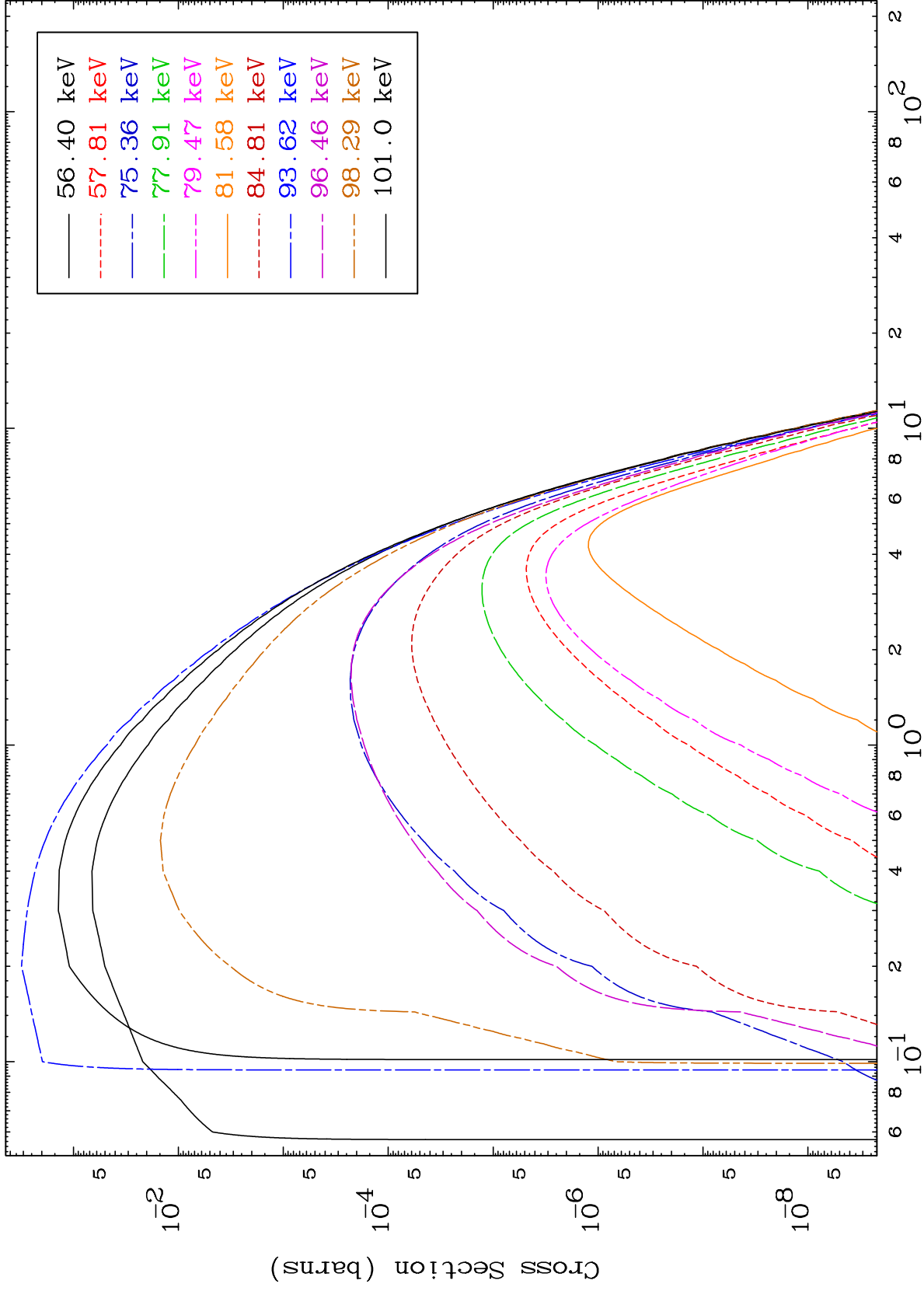
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,n') Level
293 Kelvin Cross Sections

73-Ta-178



8

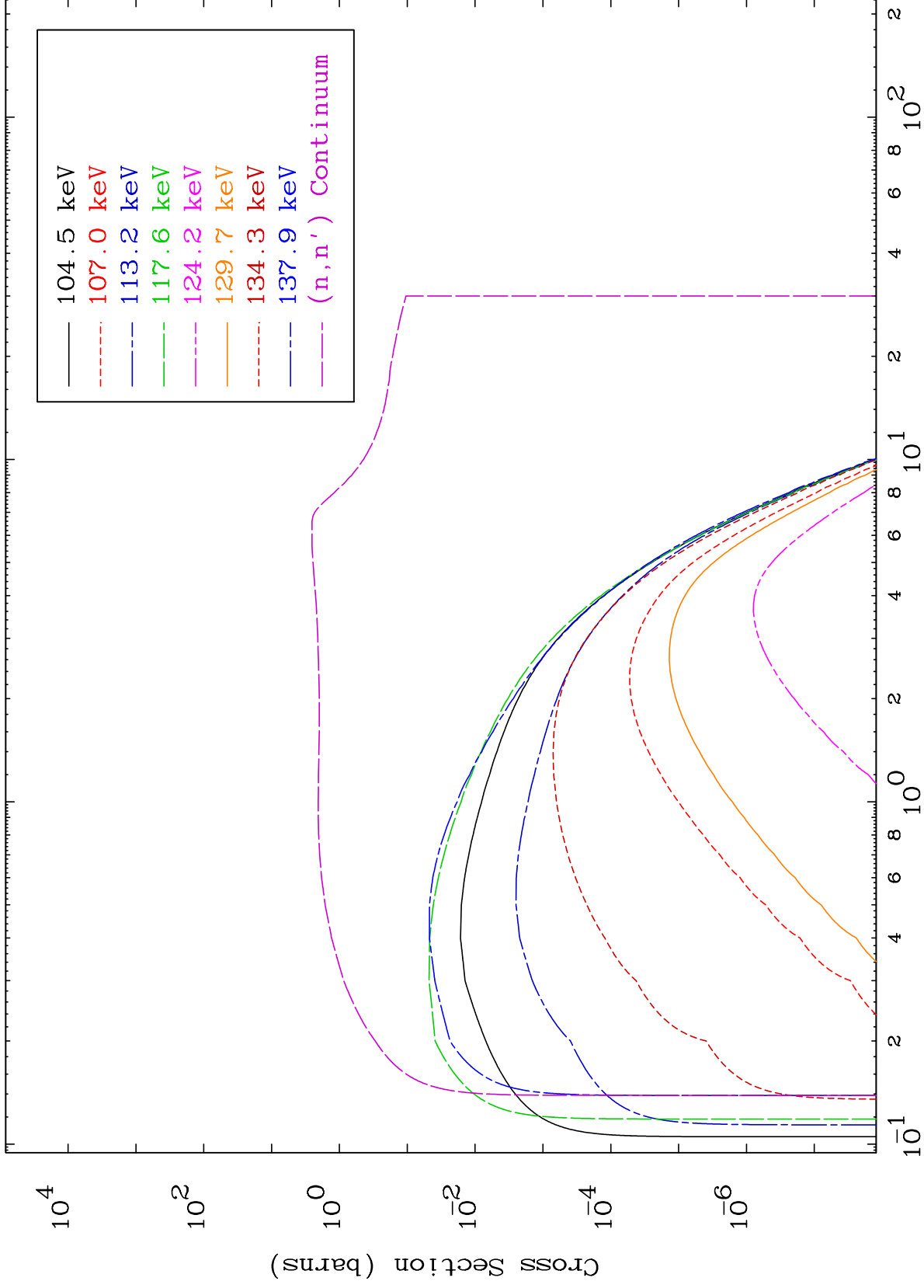
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,n') Level
293 Kelvin Cross Sections

⁷³Ta-178



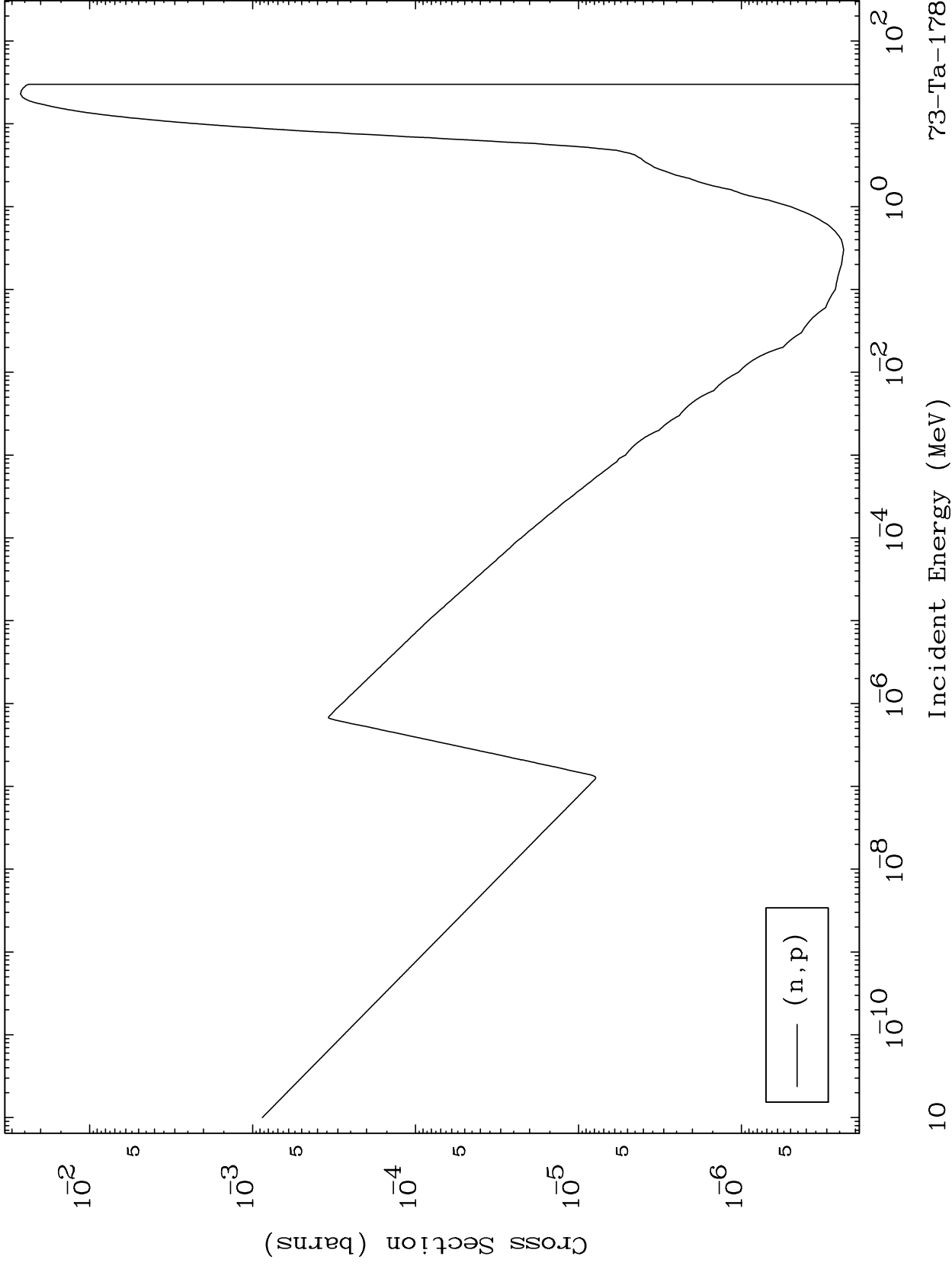
Incident Energy (MeV)

⁷³Ta-178

MAT 7320

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-178



10

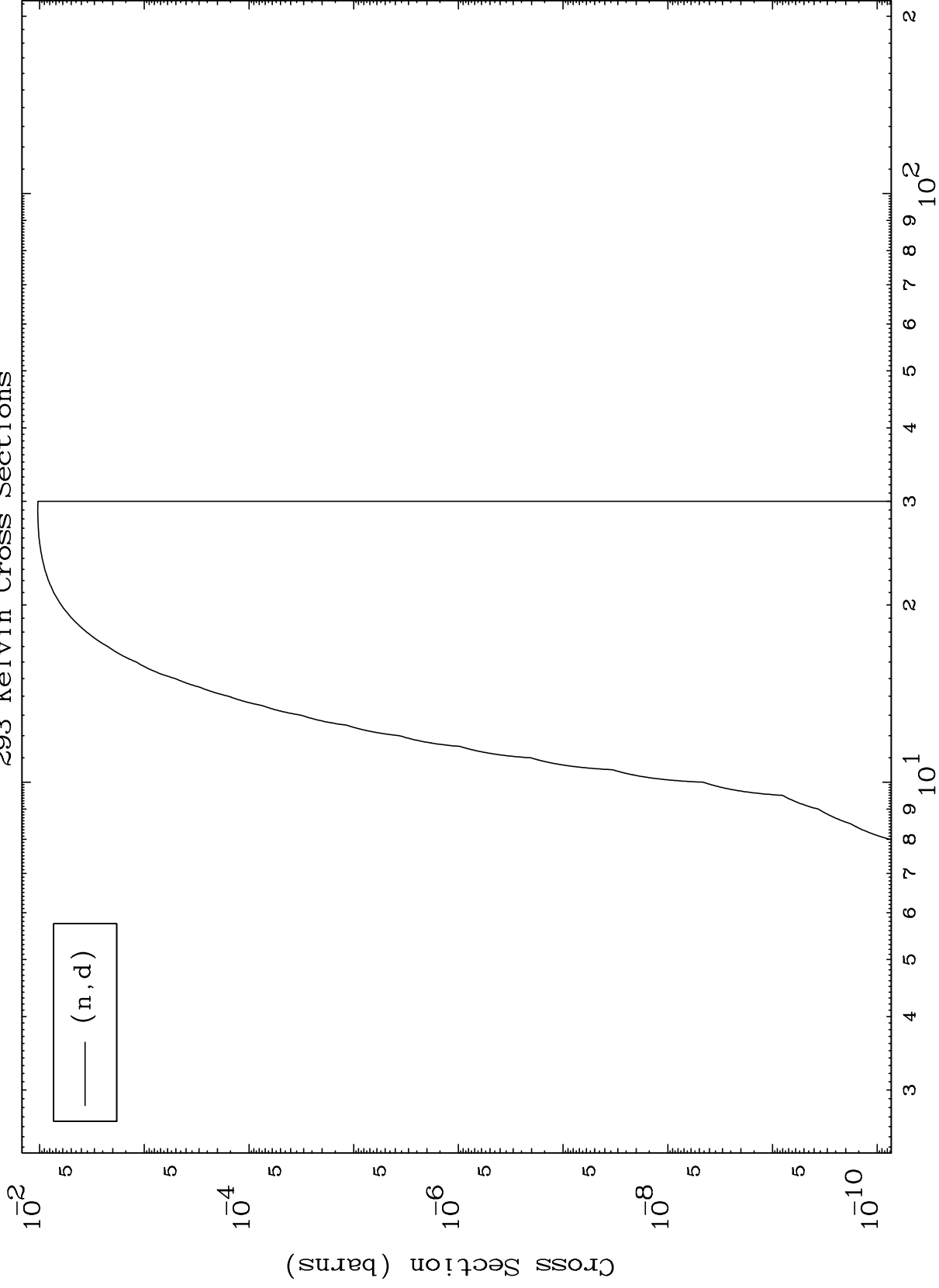
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-178



11

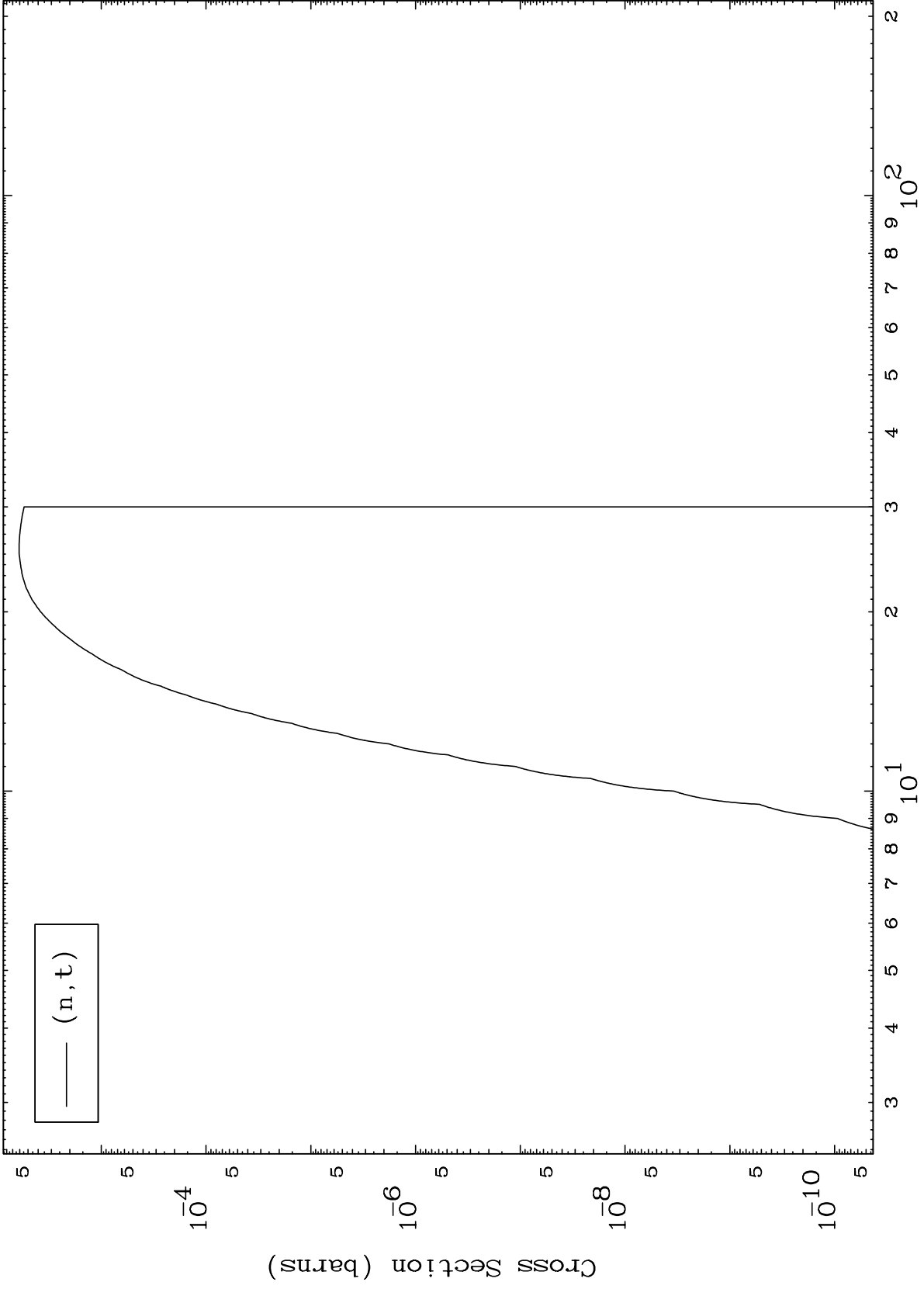
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-178



(n,t)

12

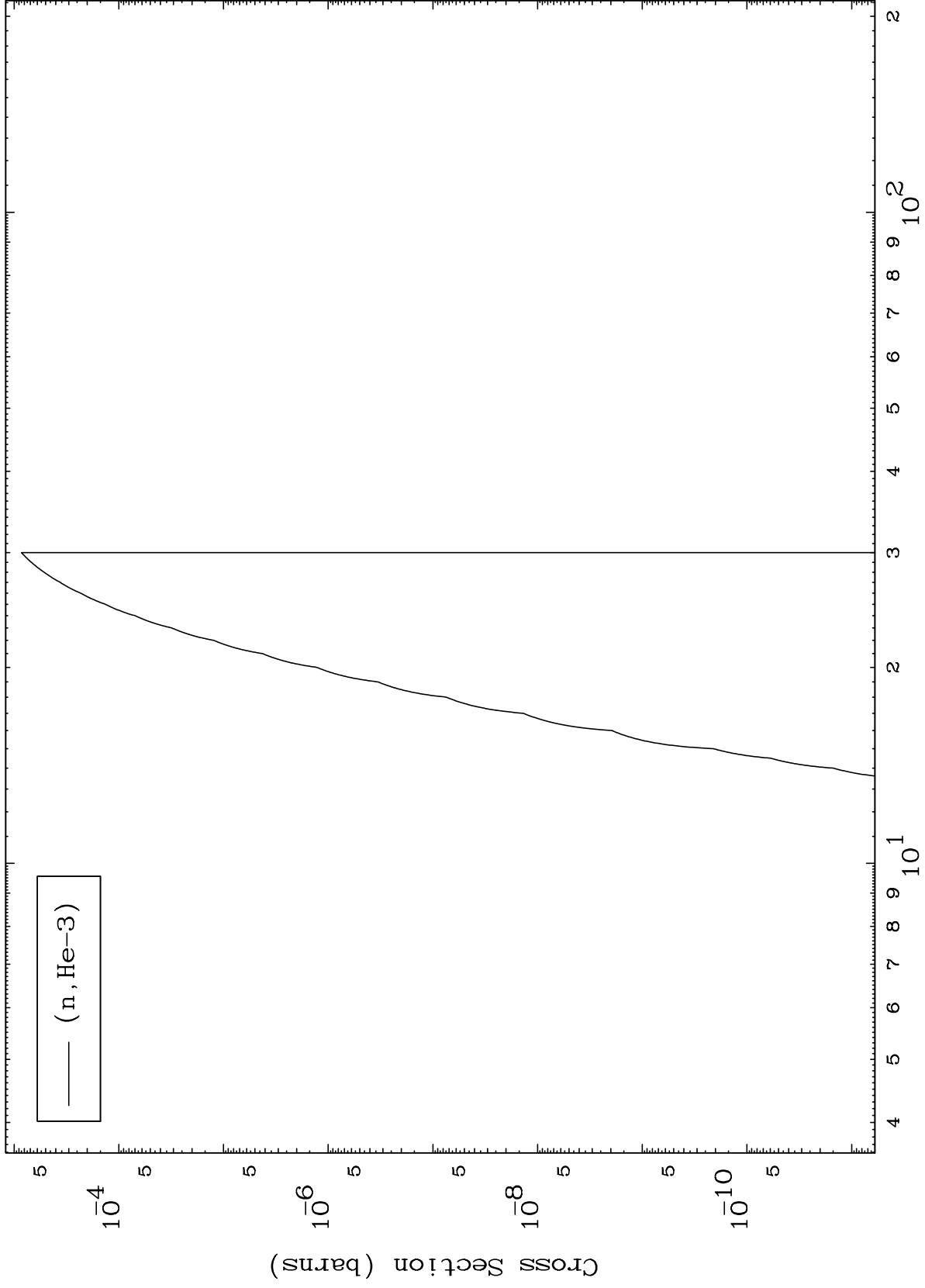
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-178



13

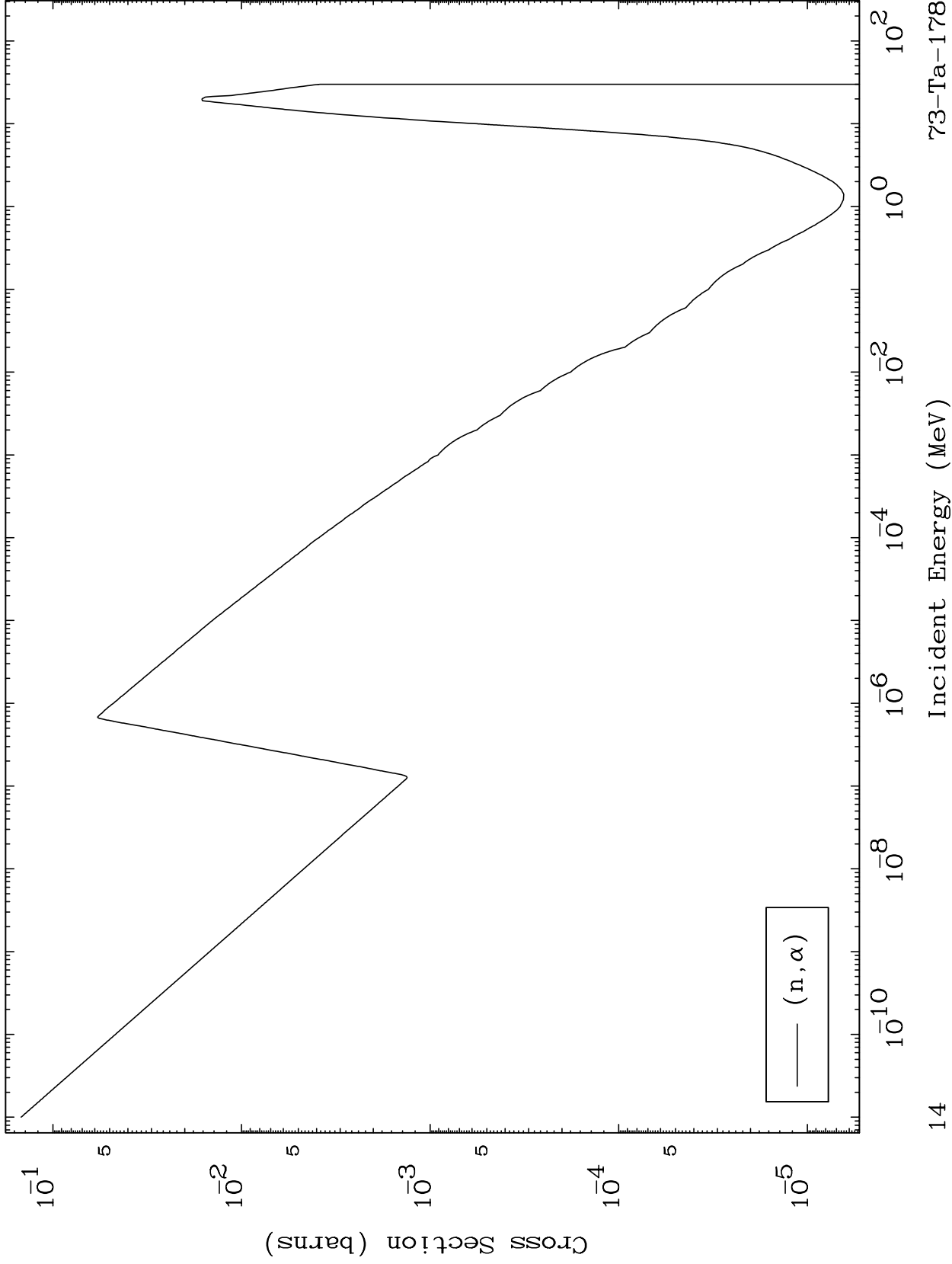
Incident Energy (MeV)

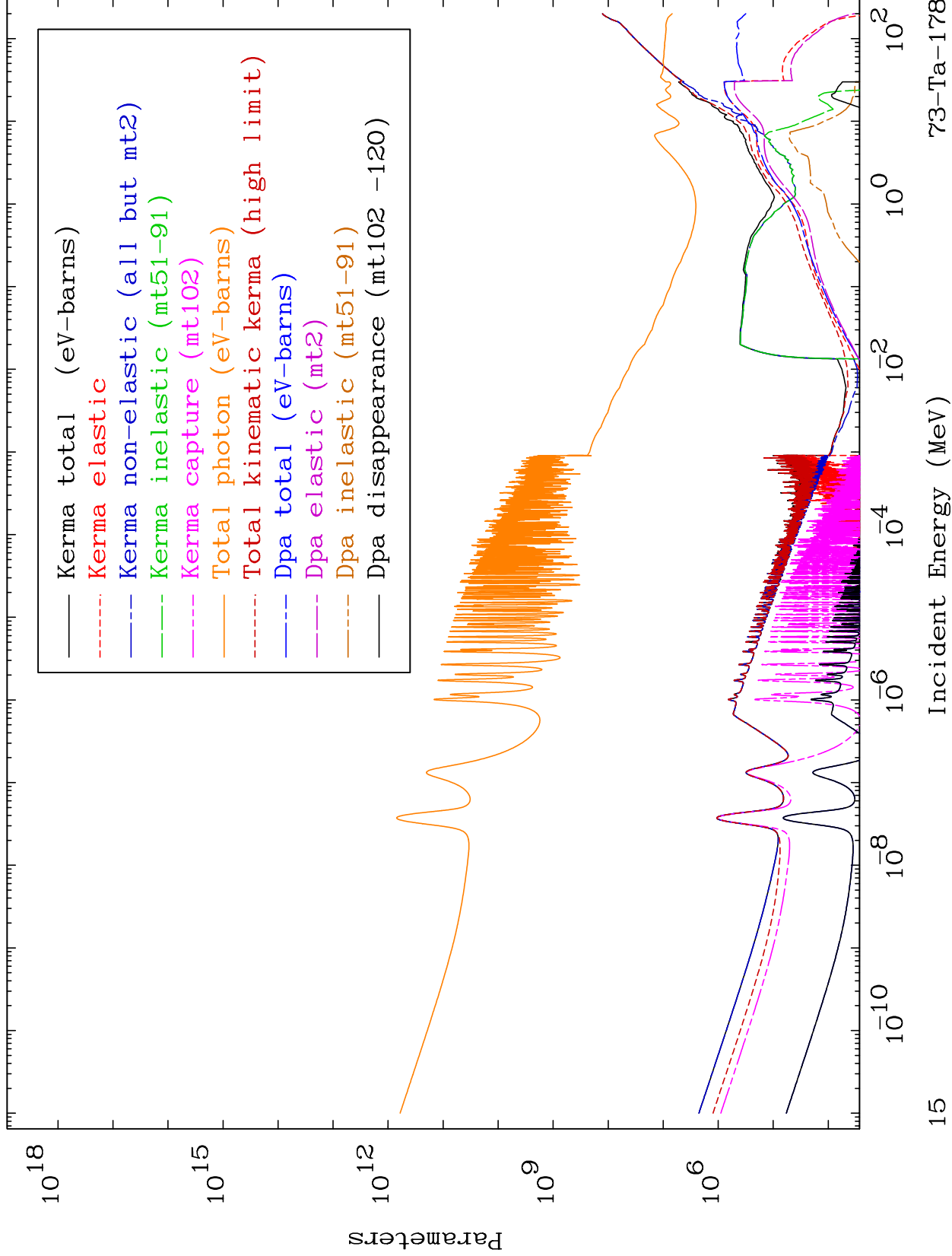
73-Ta-178

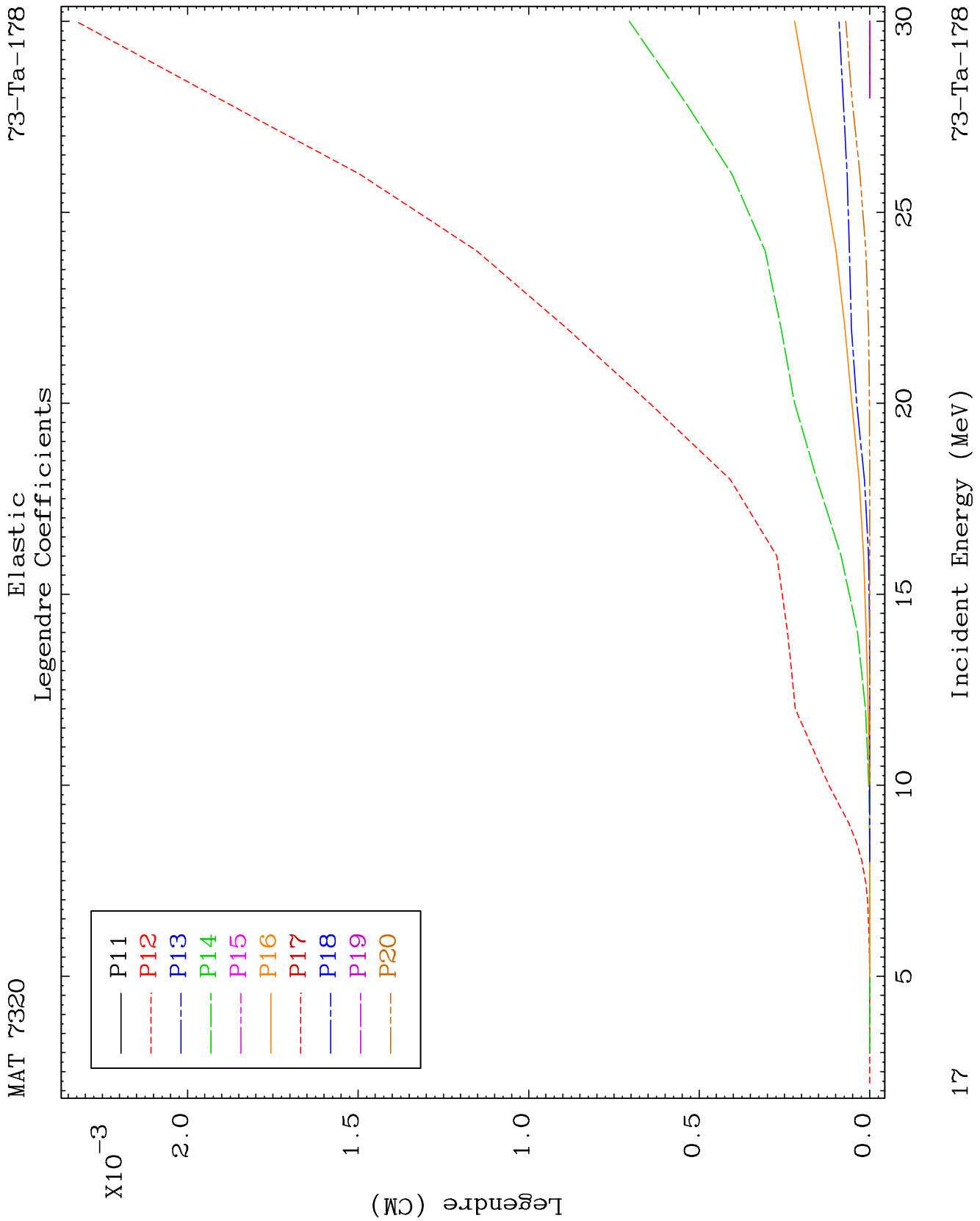
MAT 7320

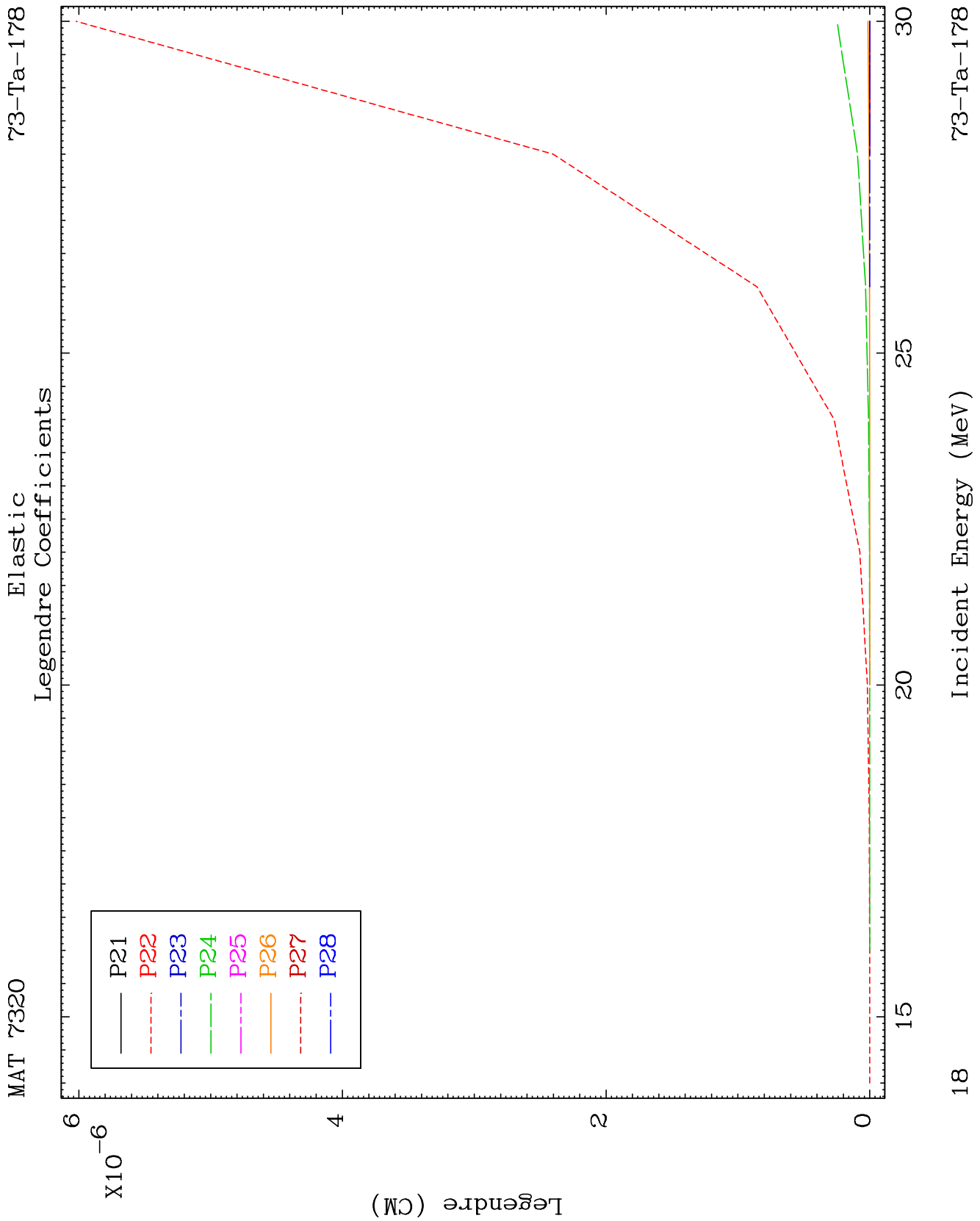
(n, α) Levels
293 Kelvin Cross Sections

73-Ta-178





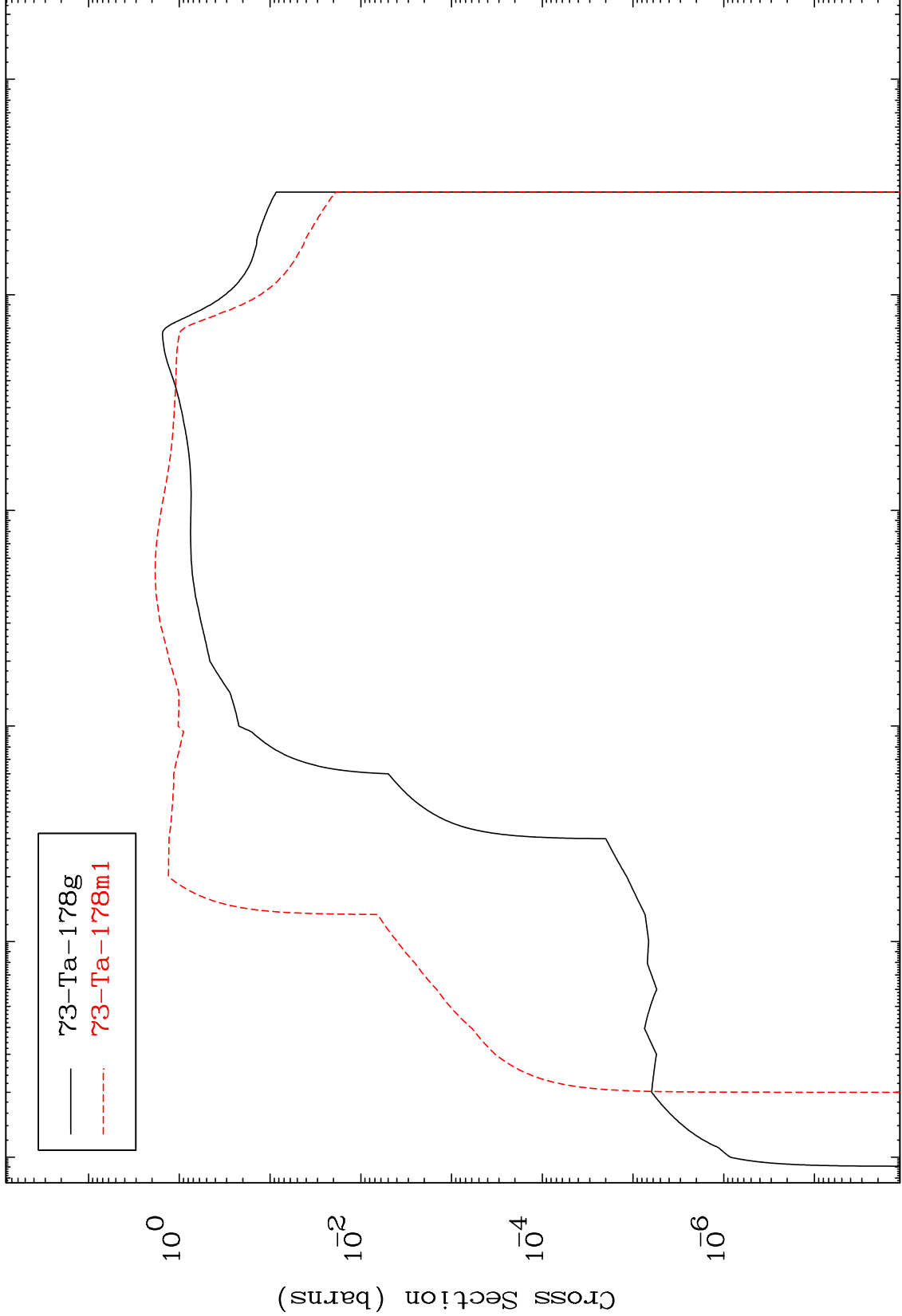




MAT 7320

Radionuclide Production Cross Section

73-Ta-178



73-Ta-178g
73-Ta-178m1

19

Incident Energy (MeV)

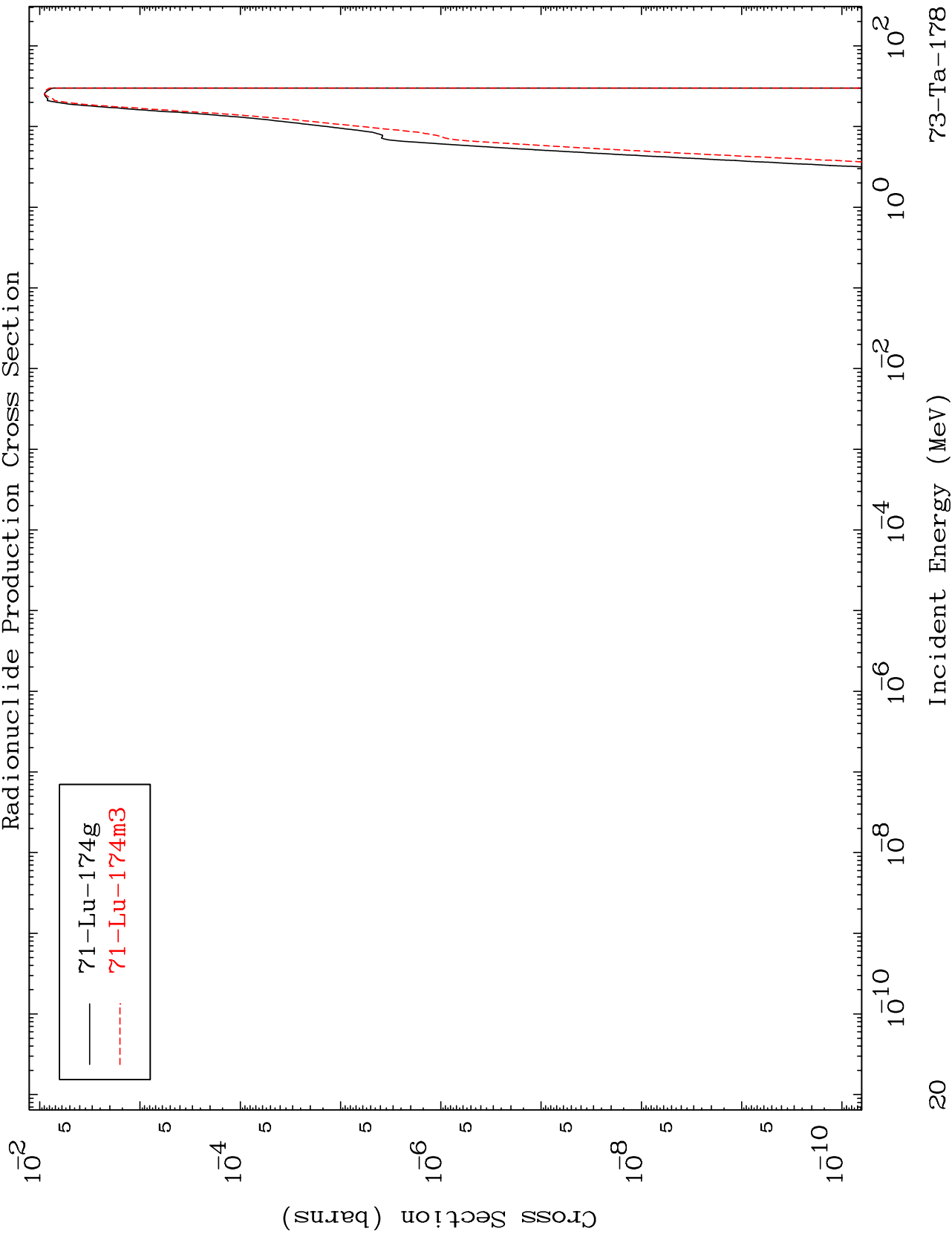
73-Ta-178

MAT 7320

$(n, n') \alpha$

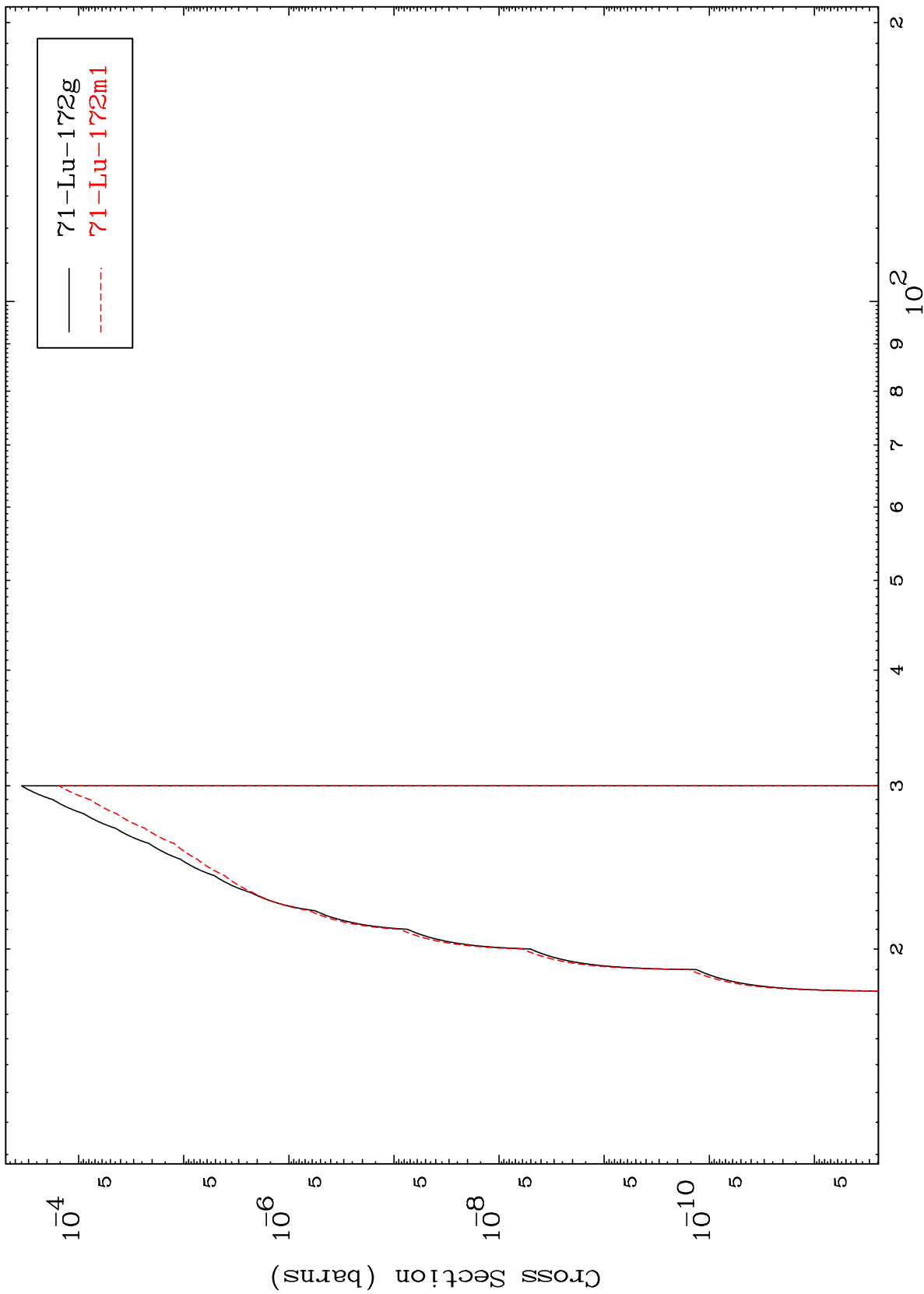
$^{73}\text{Ta-178}$

Radionuclide Production Cross Section



— $^{71}\text{Lu-174g}$
- - - $^{71}\text{Lu-174m3}$

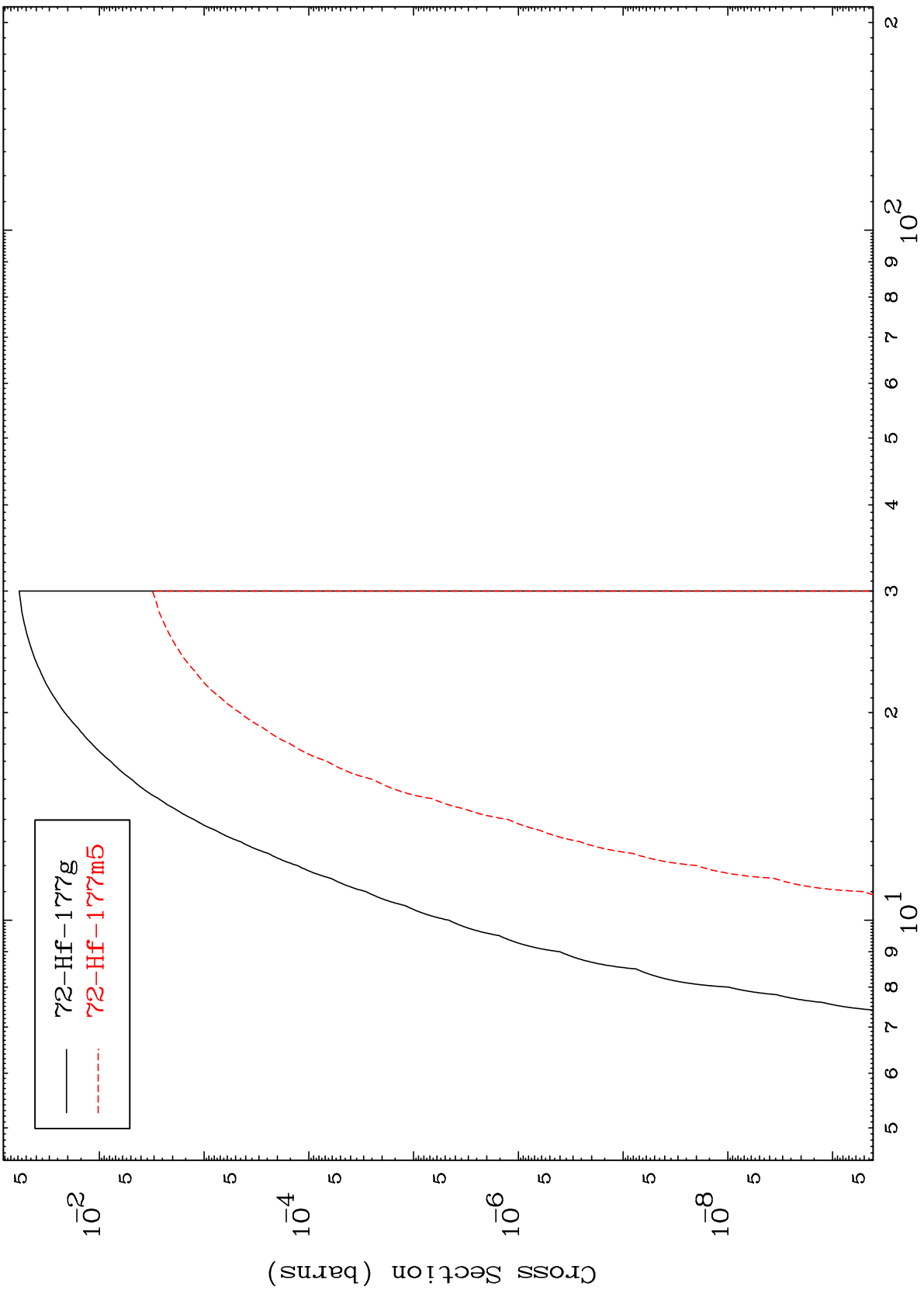
Radionuclide Production Cross Section



MAT 7320

73-Ta-178

(n,n') p
Radionuclide Production Cross Section



72-Hf-177g
72-Hf-177m5

73-Ta-178

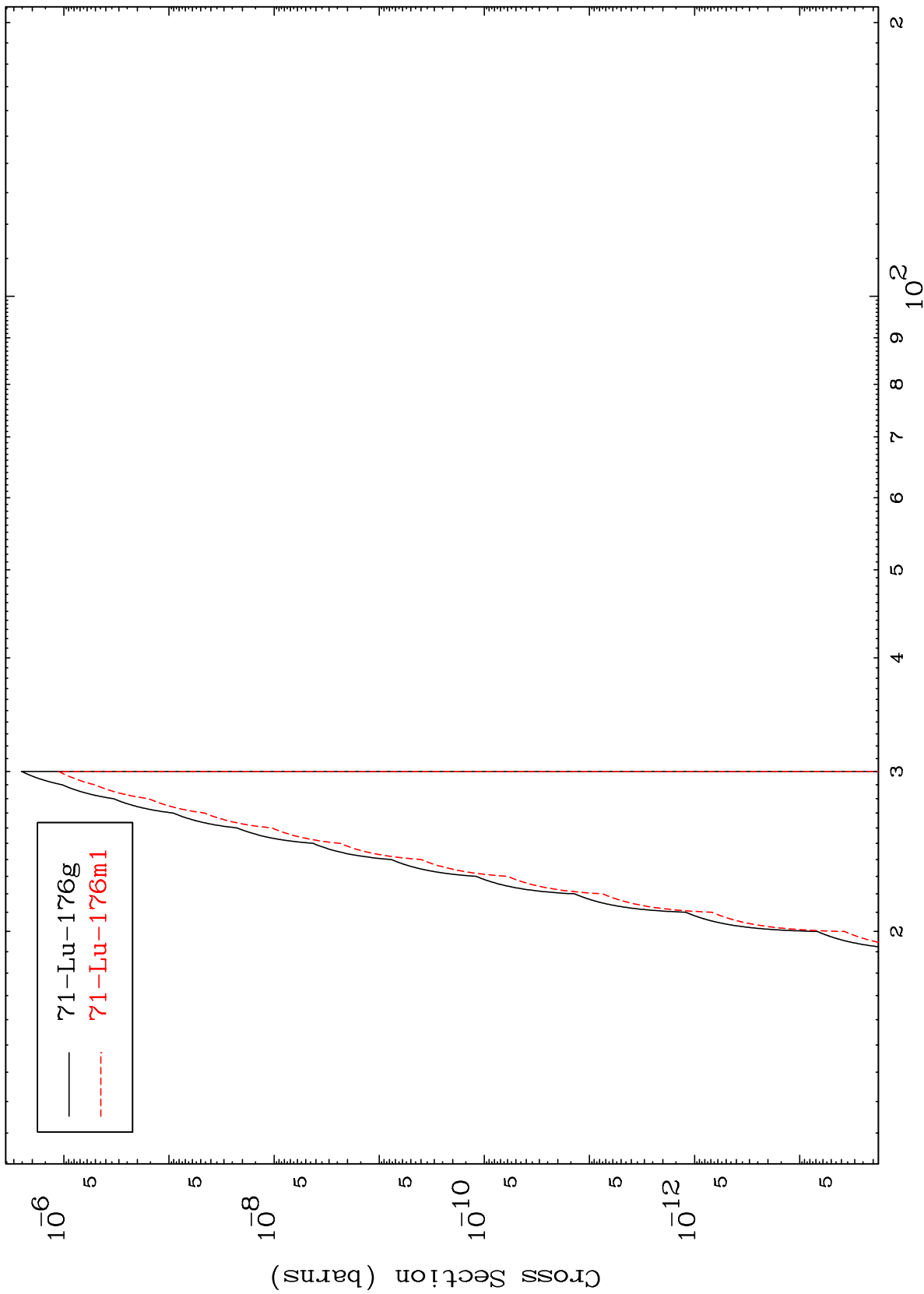
Incident Energy (MeV)

22

MAT 7320

73-Ta-178

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

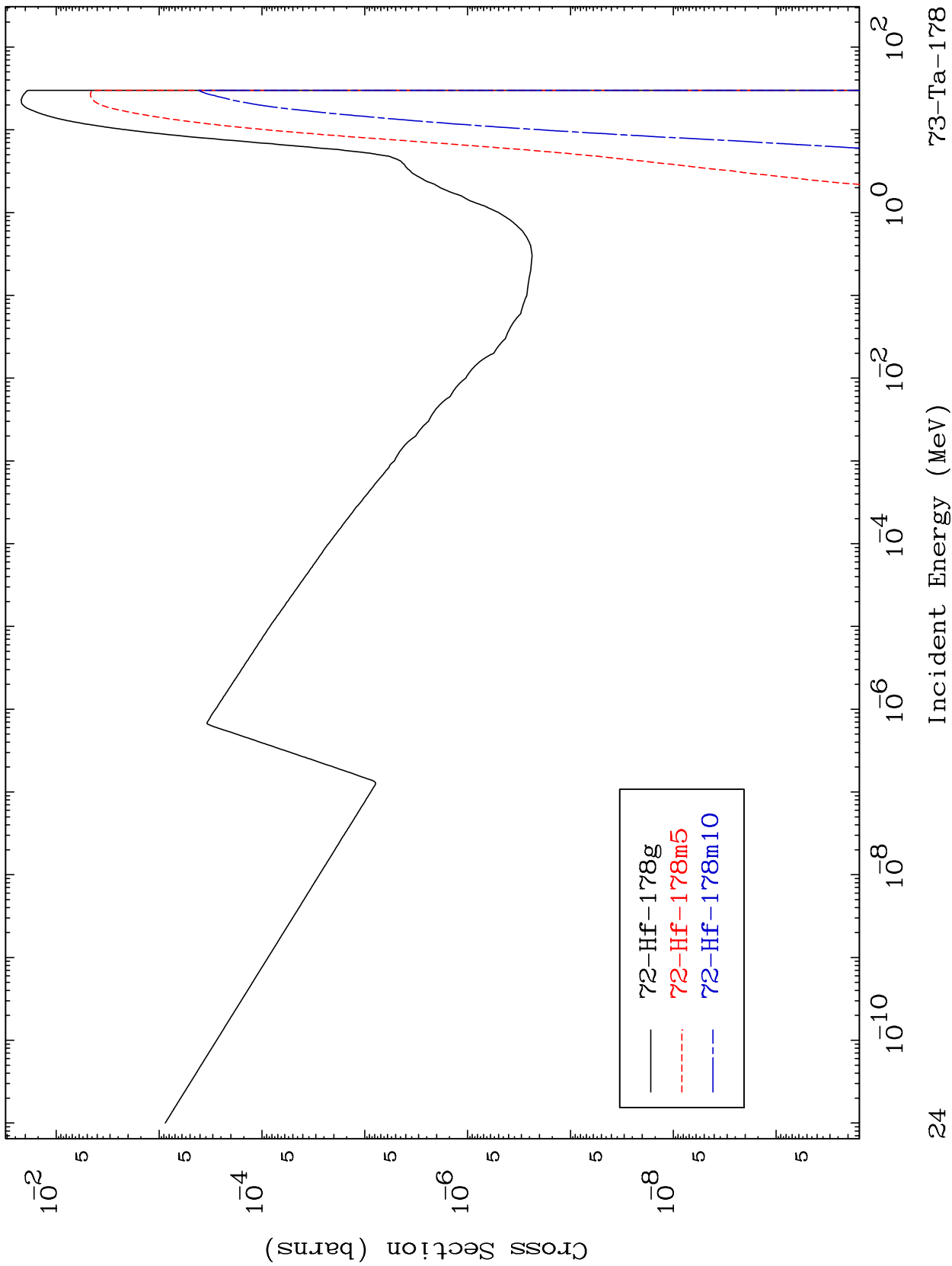
73-Ta-178

23

MAT 7320

73-Ta-178

(n,p)
Radionuclide Production Cross Section

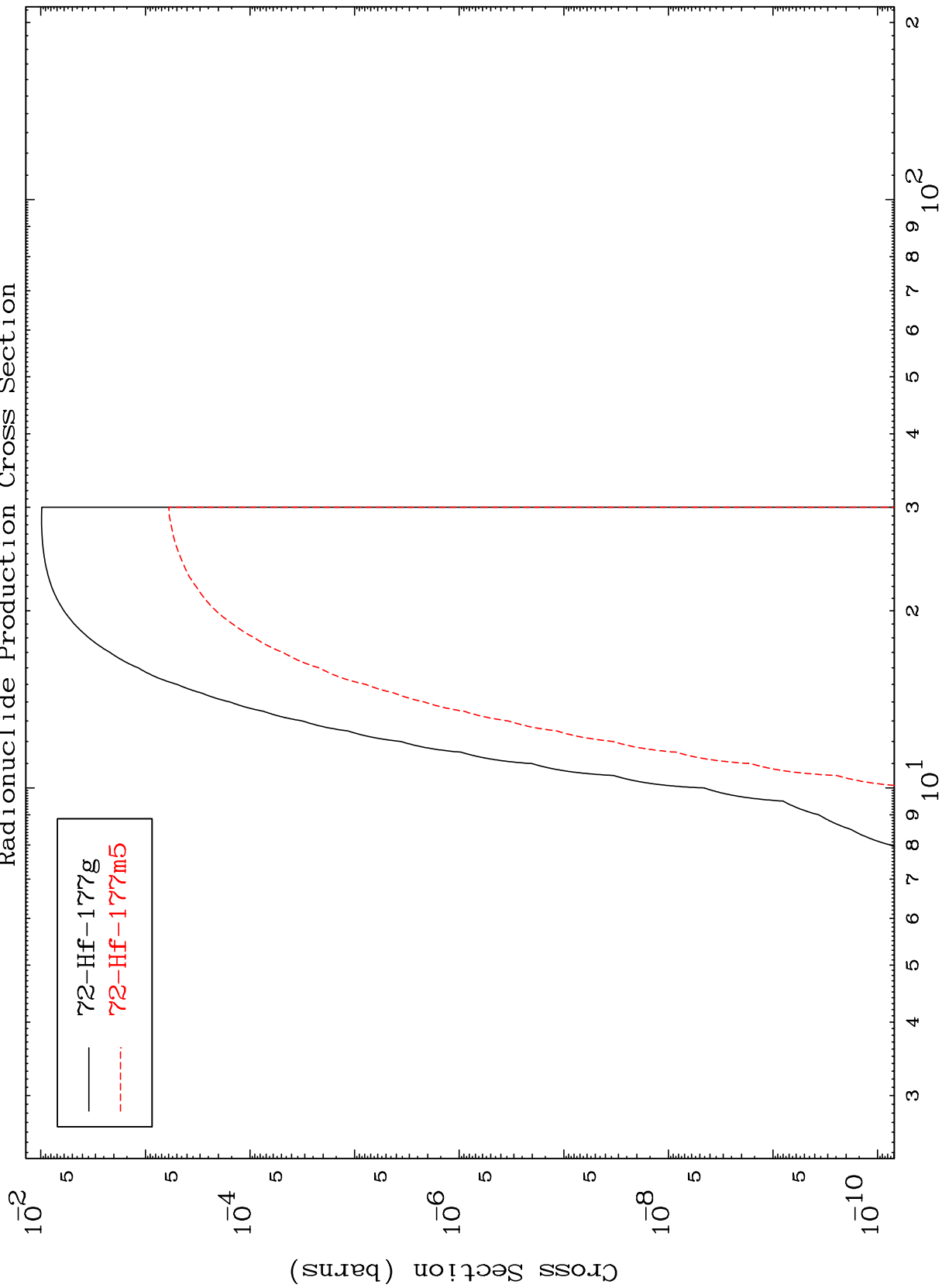


MAT 7320

(n,d)

⁷³Ta-178

Radionuclide Production Cross Section



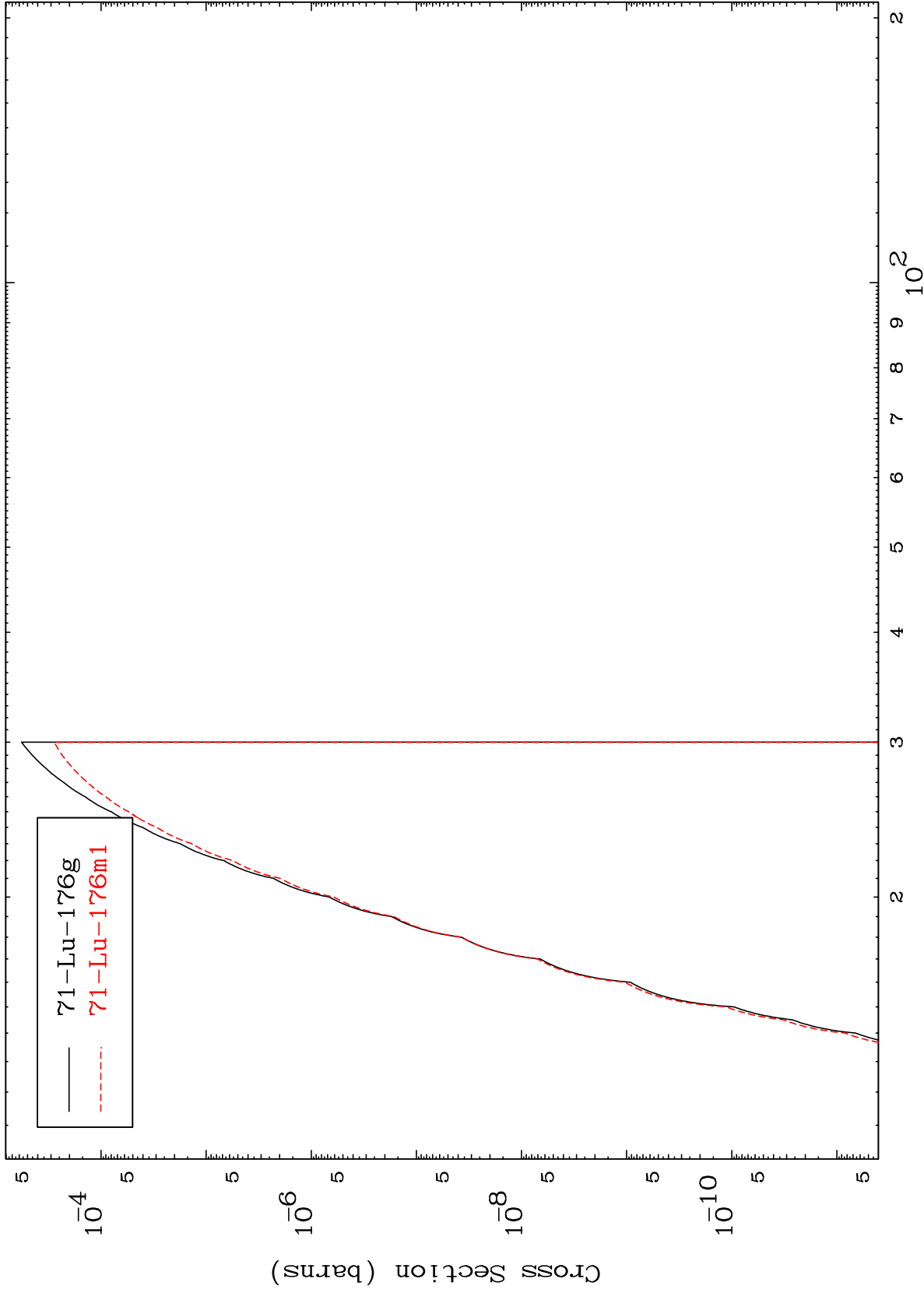
— ⁷²Hf-177g
- - - ⁷²Hf-177m5

Incident Energy (MeV)

⁷³Ta-178

25

Radionuclide Production Cross Section

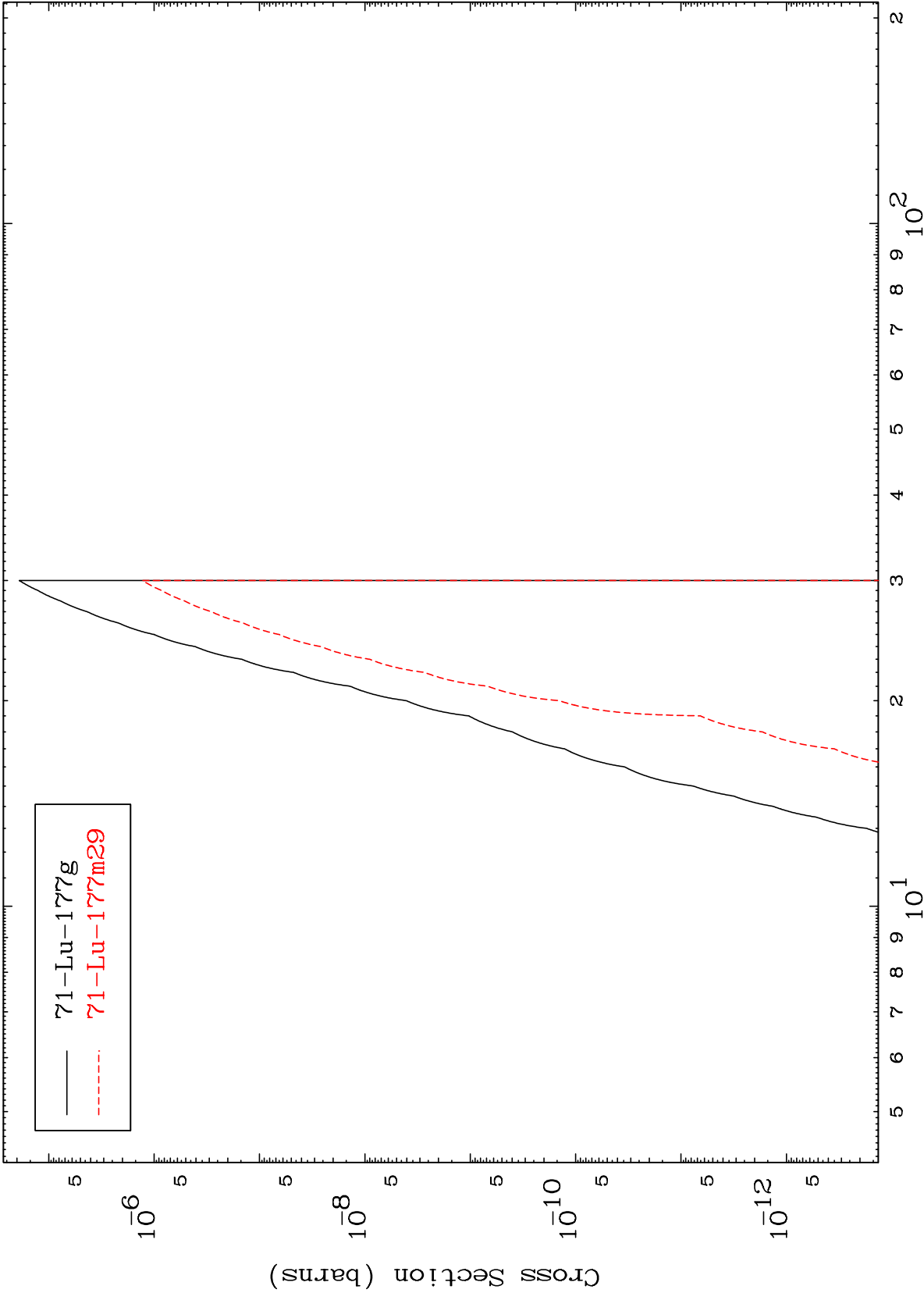


MAT 7320

(n,2p)

73-Ta-178

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

27

Incident Energy (MeV)

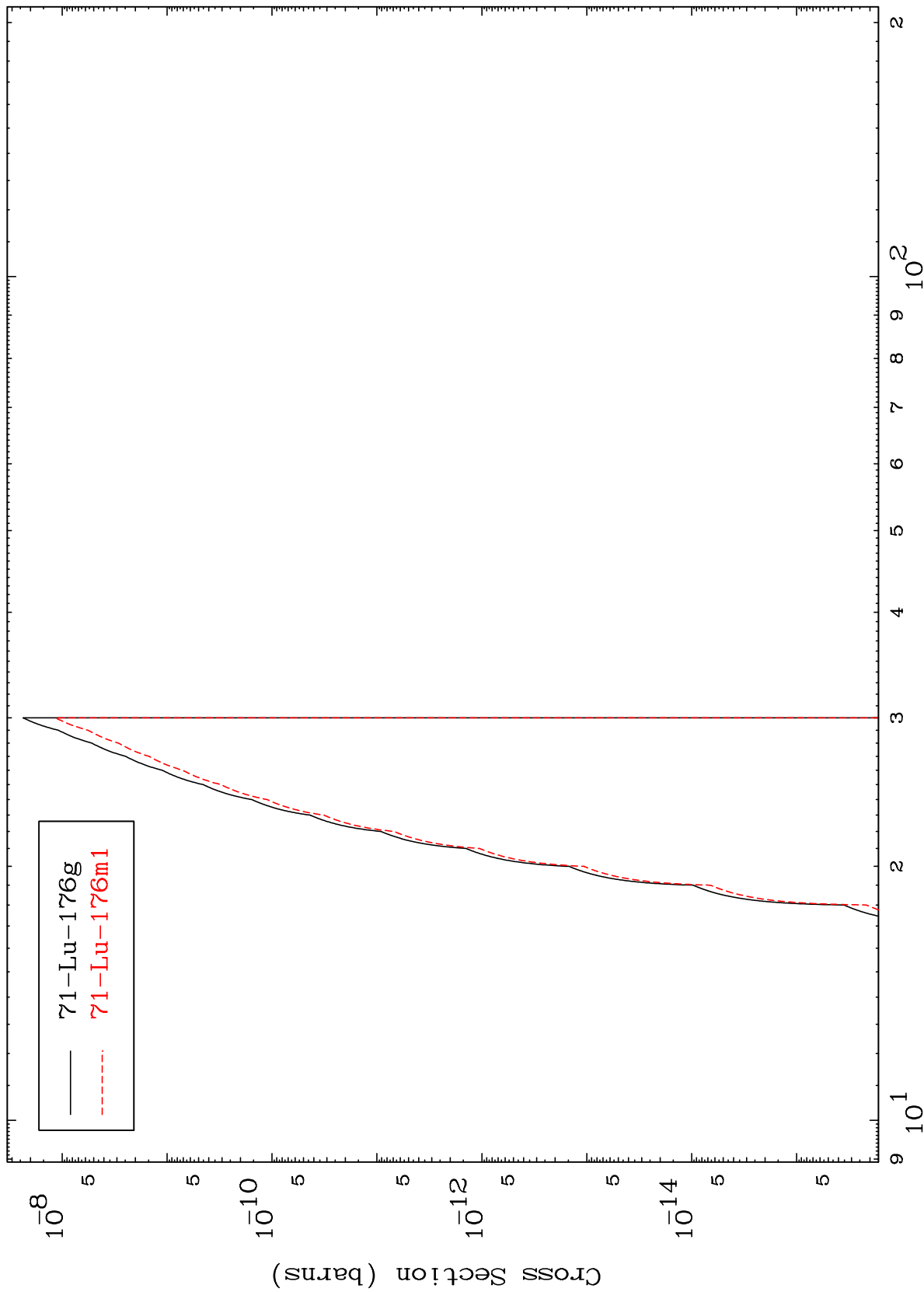
73-Ta-178

MAT 7320

(n,p) d

73-Ta-178

Radionuclide Production Cross Section



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

Incident Energy (MeV)

73-Ta-178

28