

Program EVALPLOT
(Version 2018-1)

by

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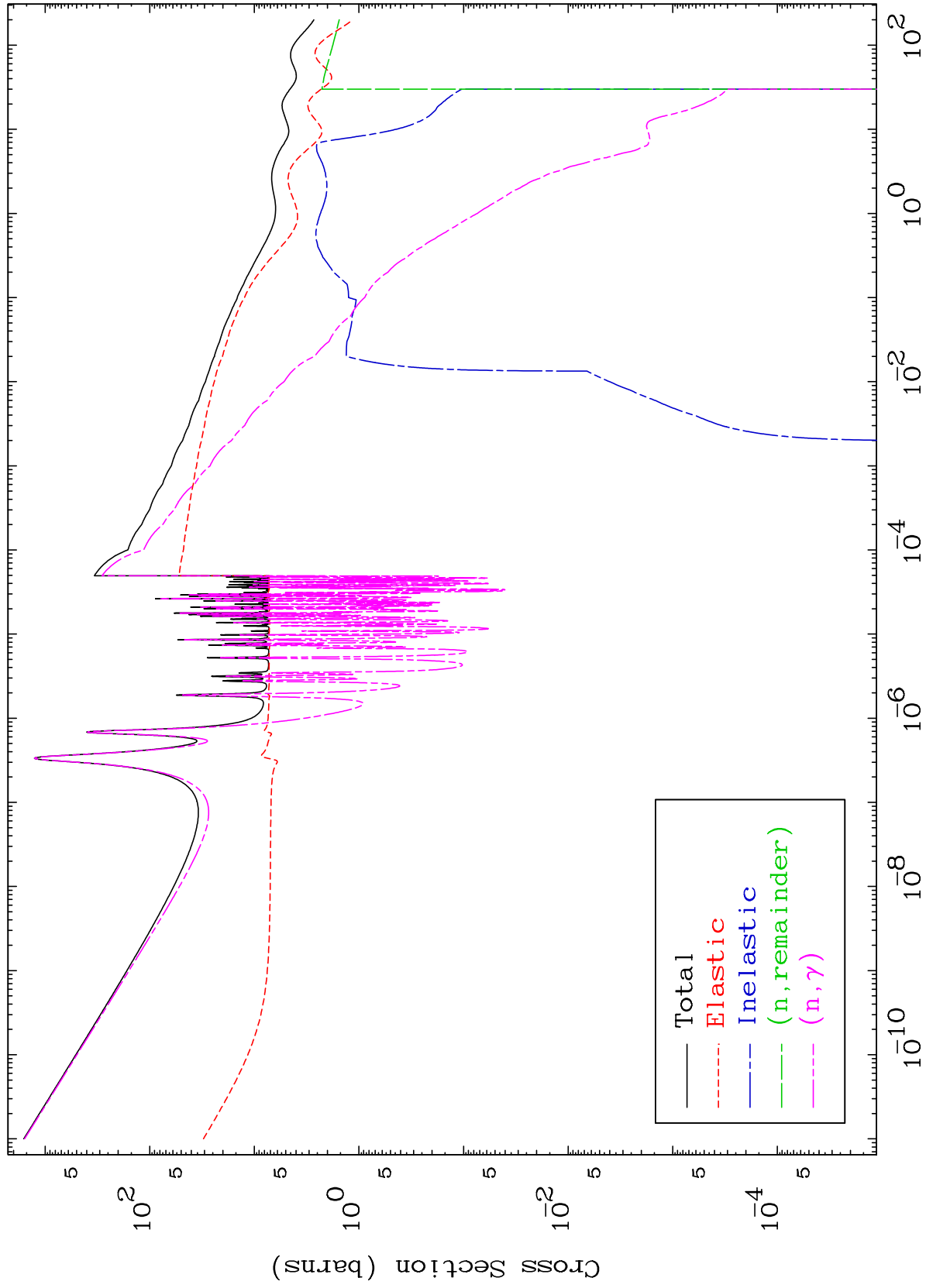
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7320

Major
293 Kelvin Cross Sections

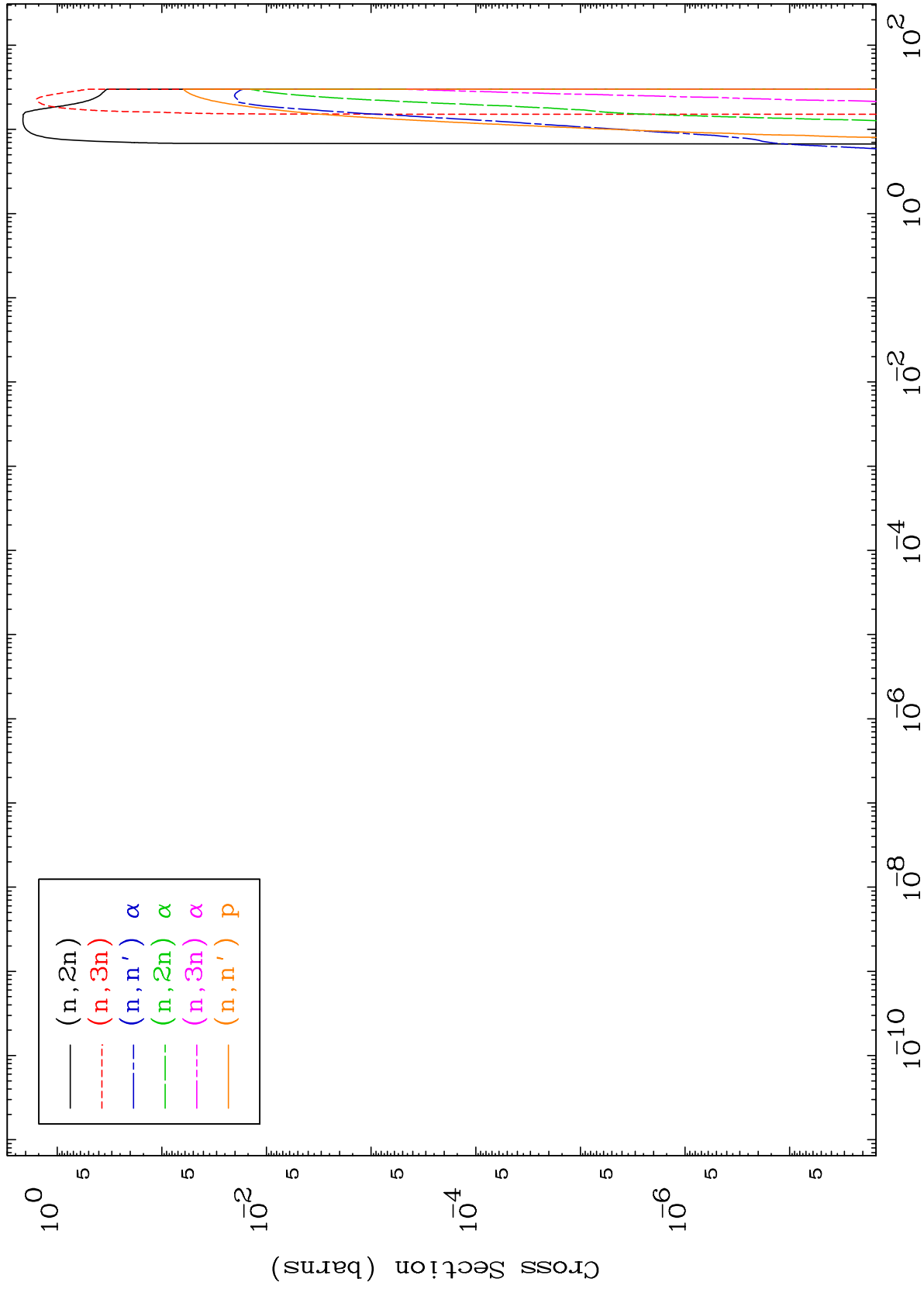
73-Ta-178



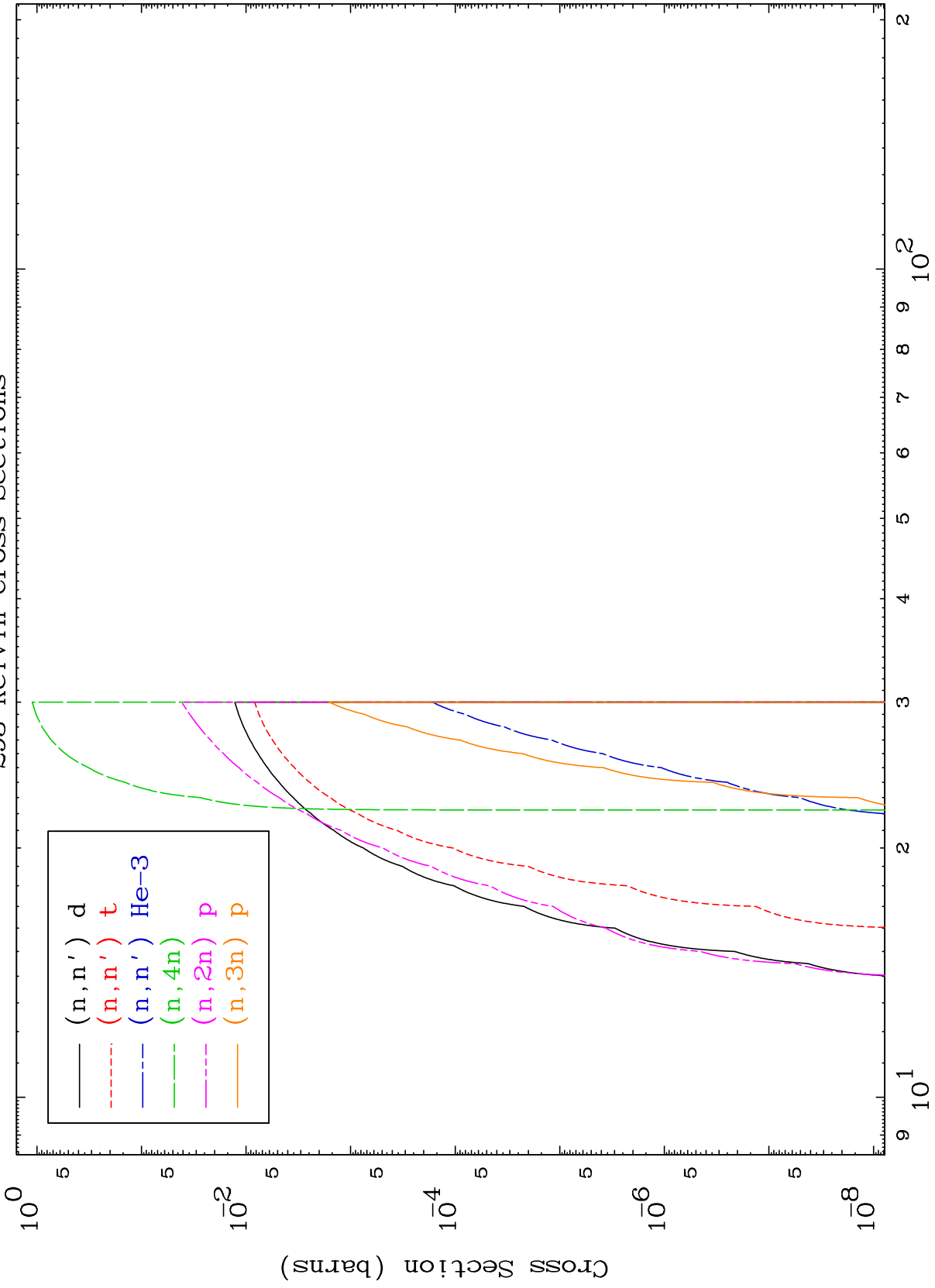
MAT 7320

Neutron Production
293 Kelvin Cross Sections

73-Ta-178



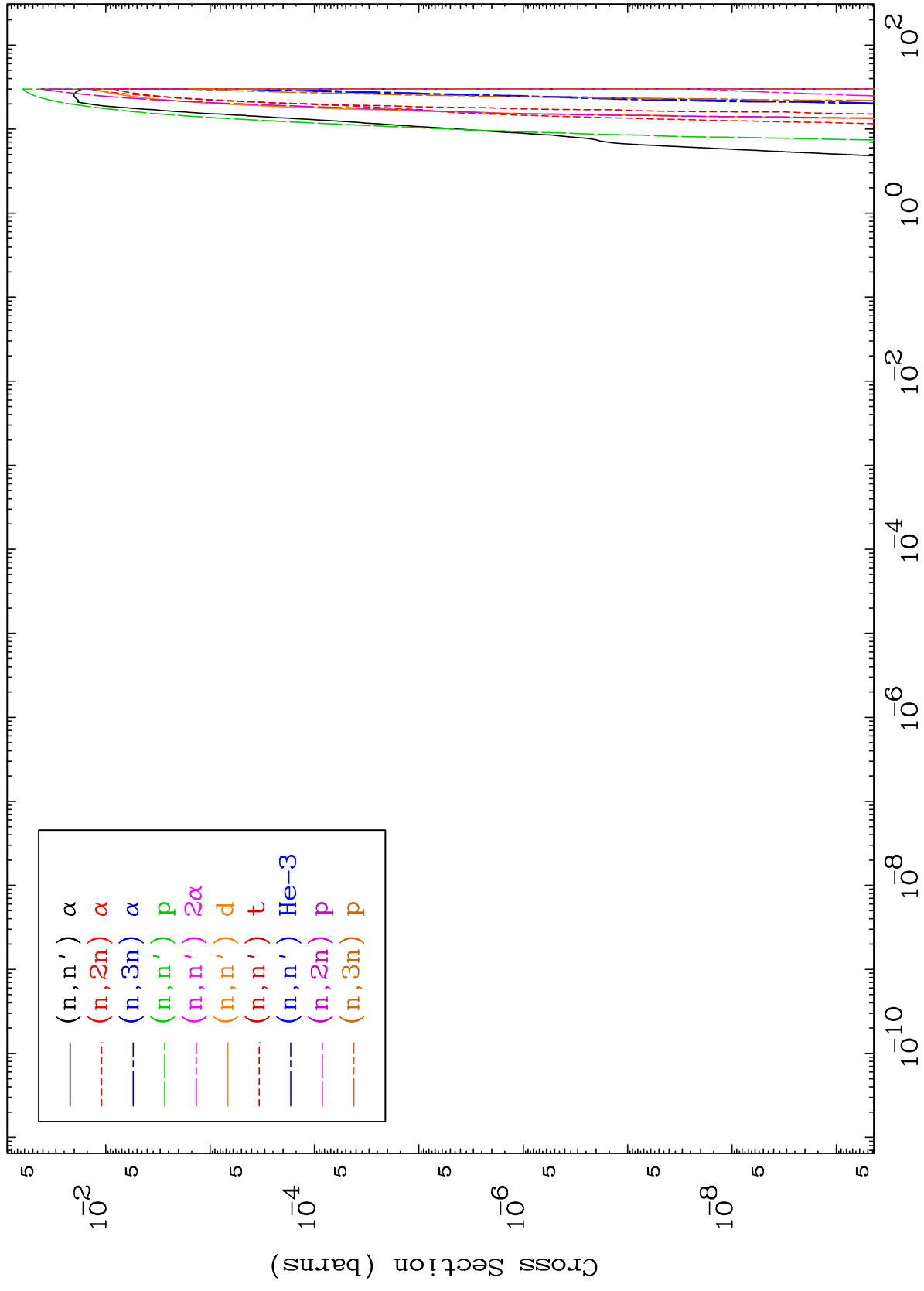
73-Ta-178



MAT 7320

293 Kelvin Cross Sections

73-Ta-178



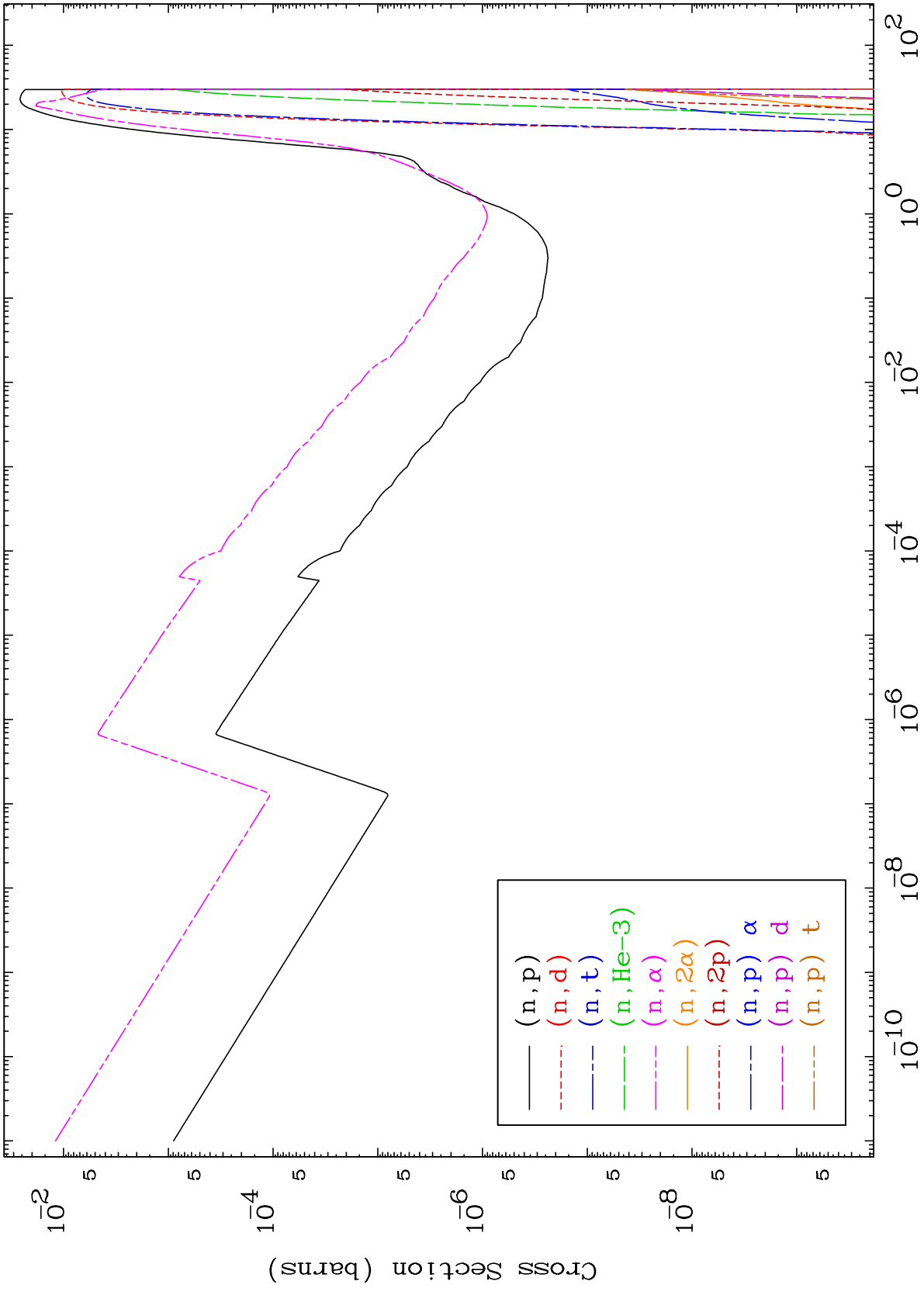
73-Ta-178

Incident Energy (MeV)

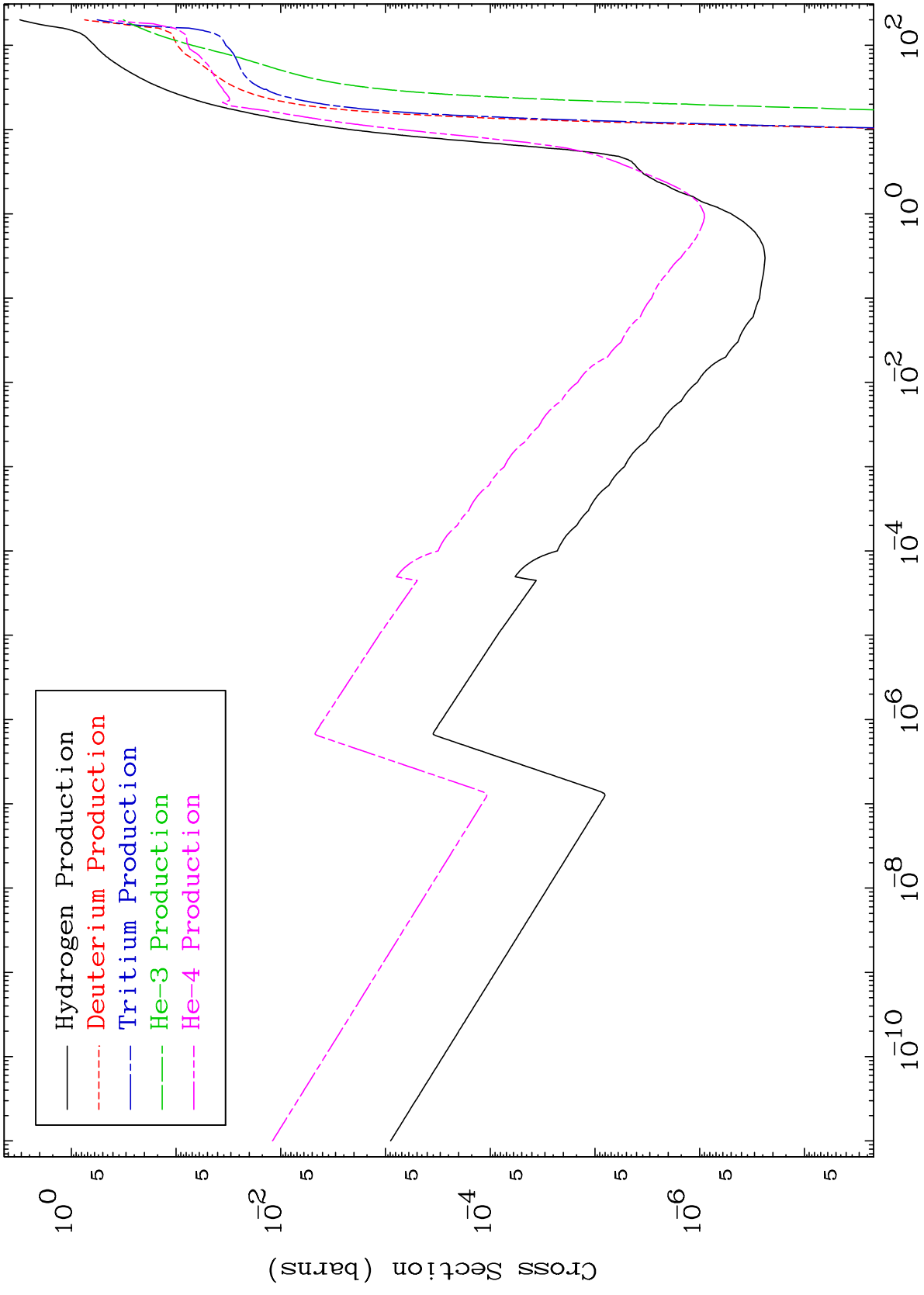
MAT 7320

Charged Particle
293 Kelvin Cross Sections

73-Ta-178



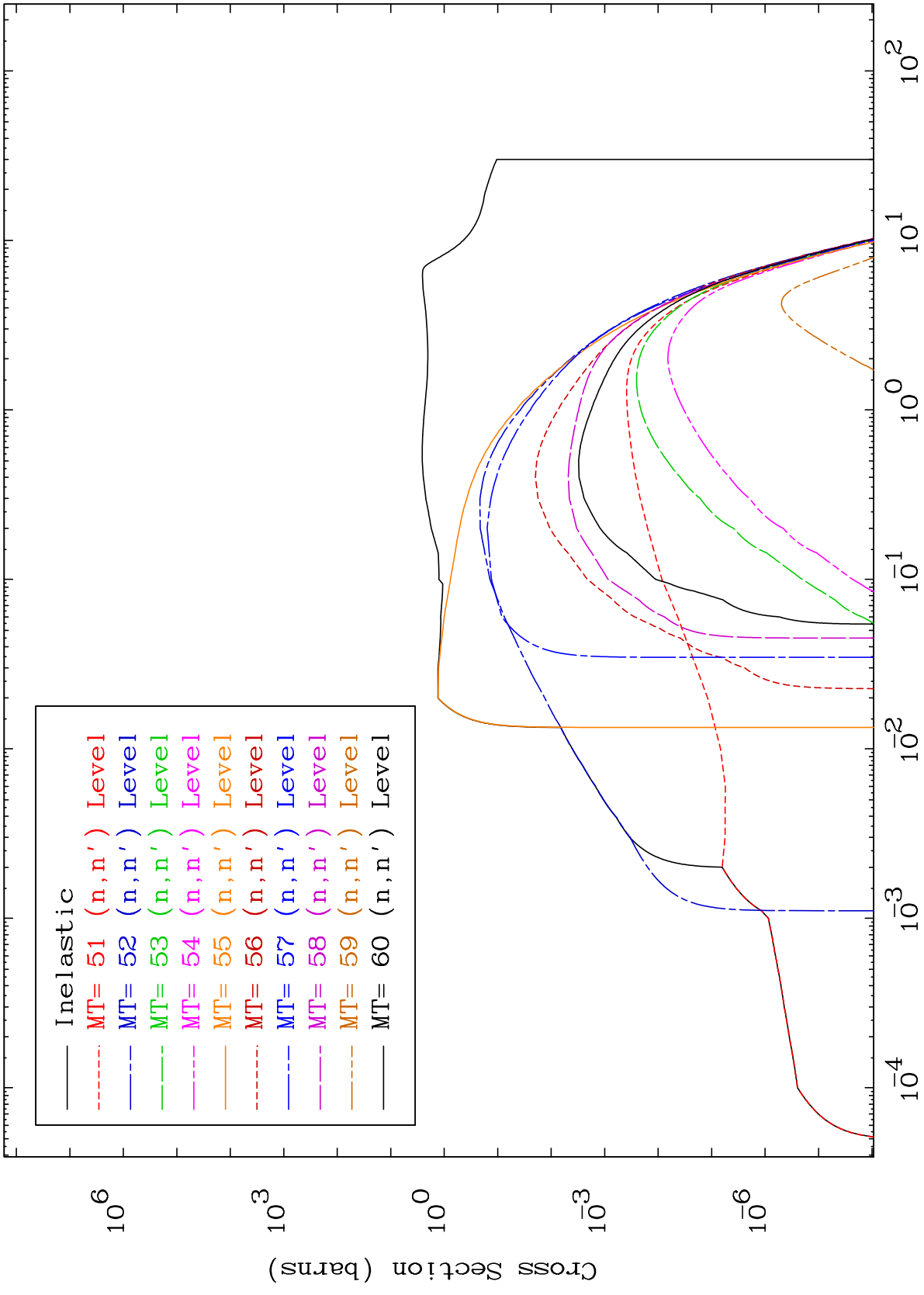
73-Ta-178



MAT 7320

(n,n') Level
293 Kelvin Cross Sections

73-Ta-178

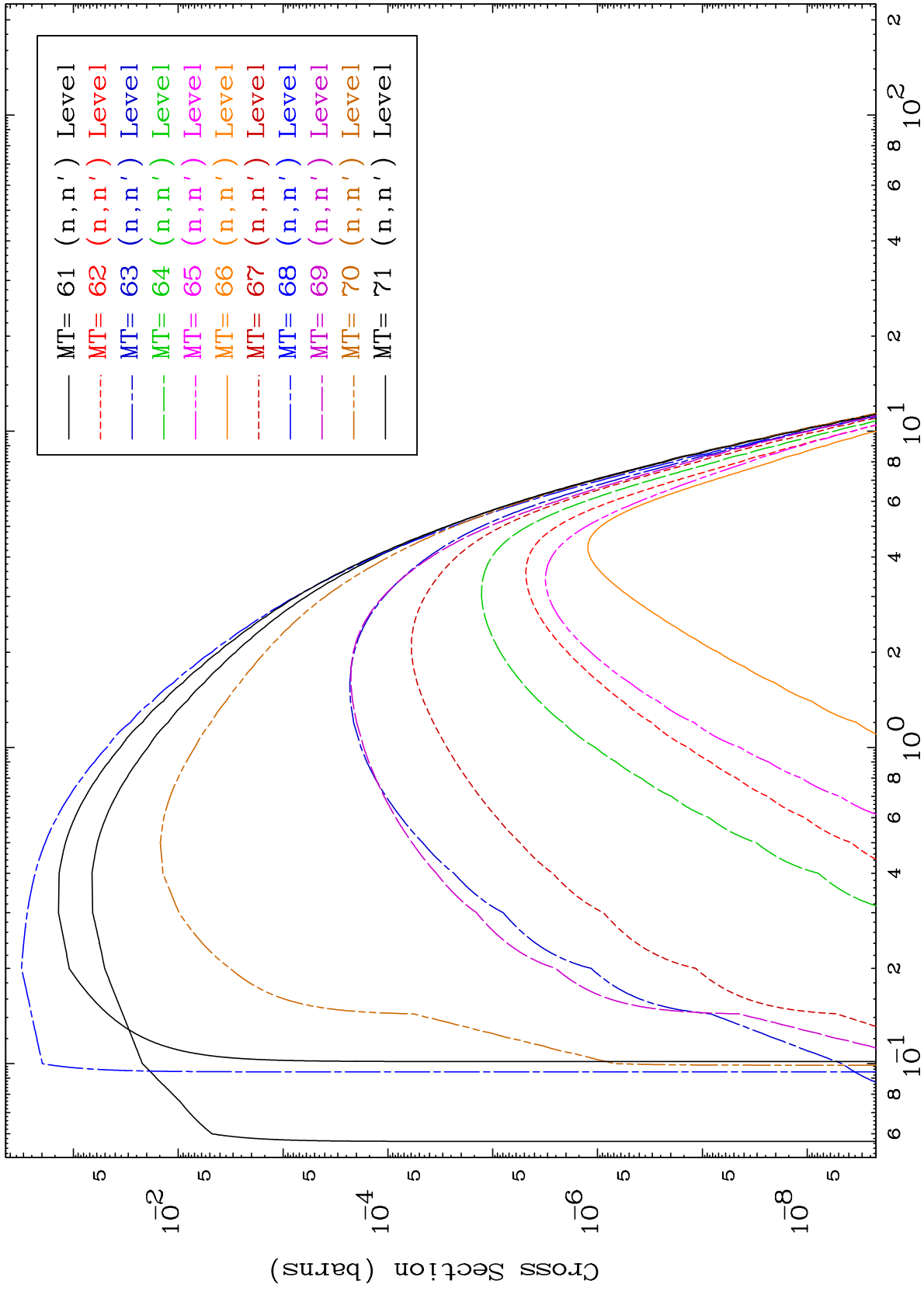


MAT 7320

(n,n') Level

73-Ta-178

293 Kelvin Cross Sections



8

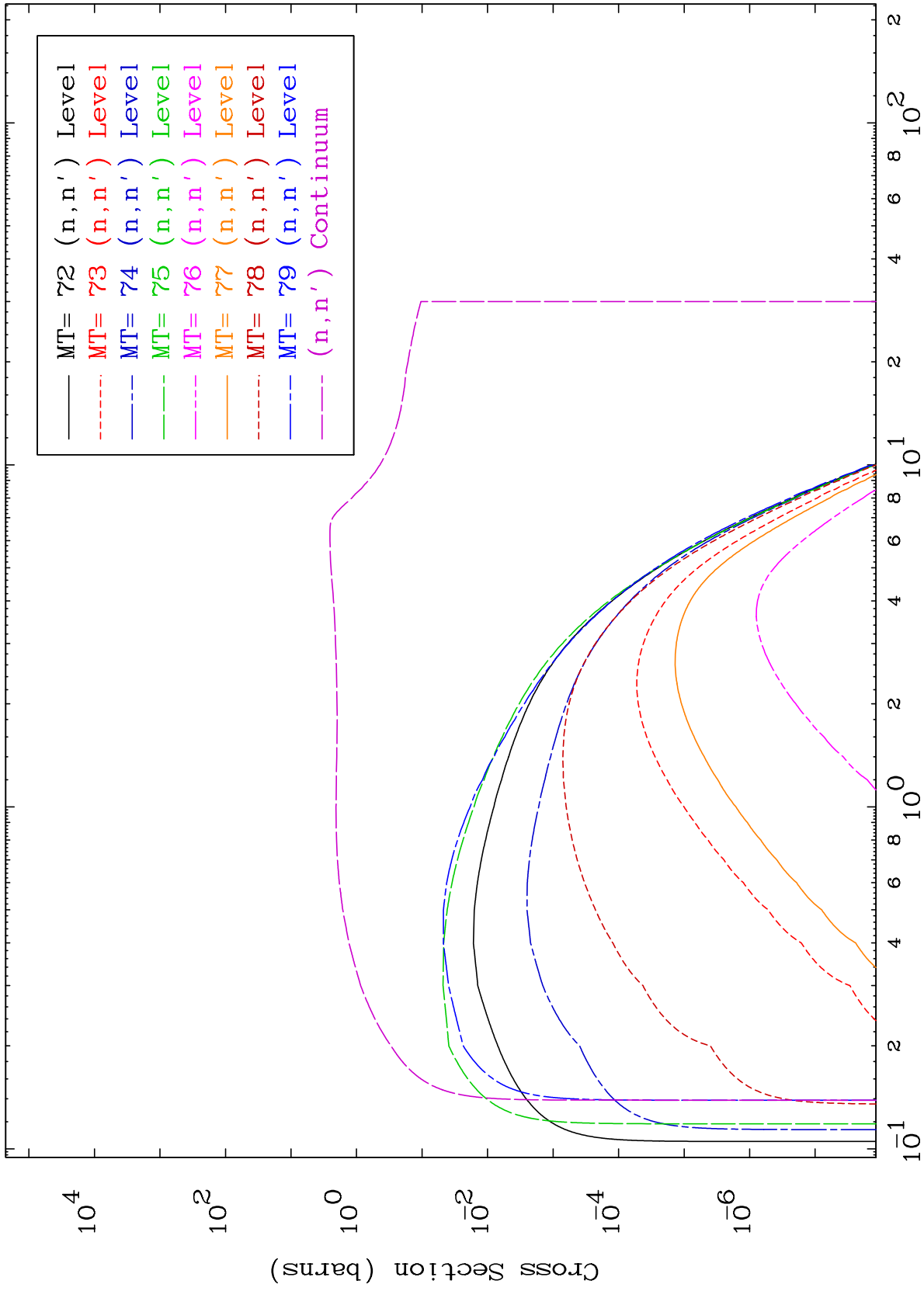
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,n') Level
293 Kelvin Cross Sections

73-Ta-178



9

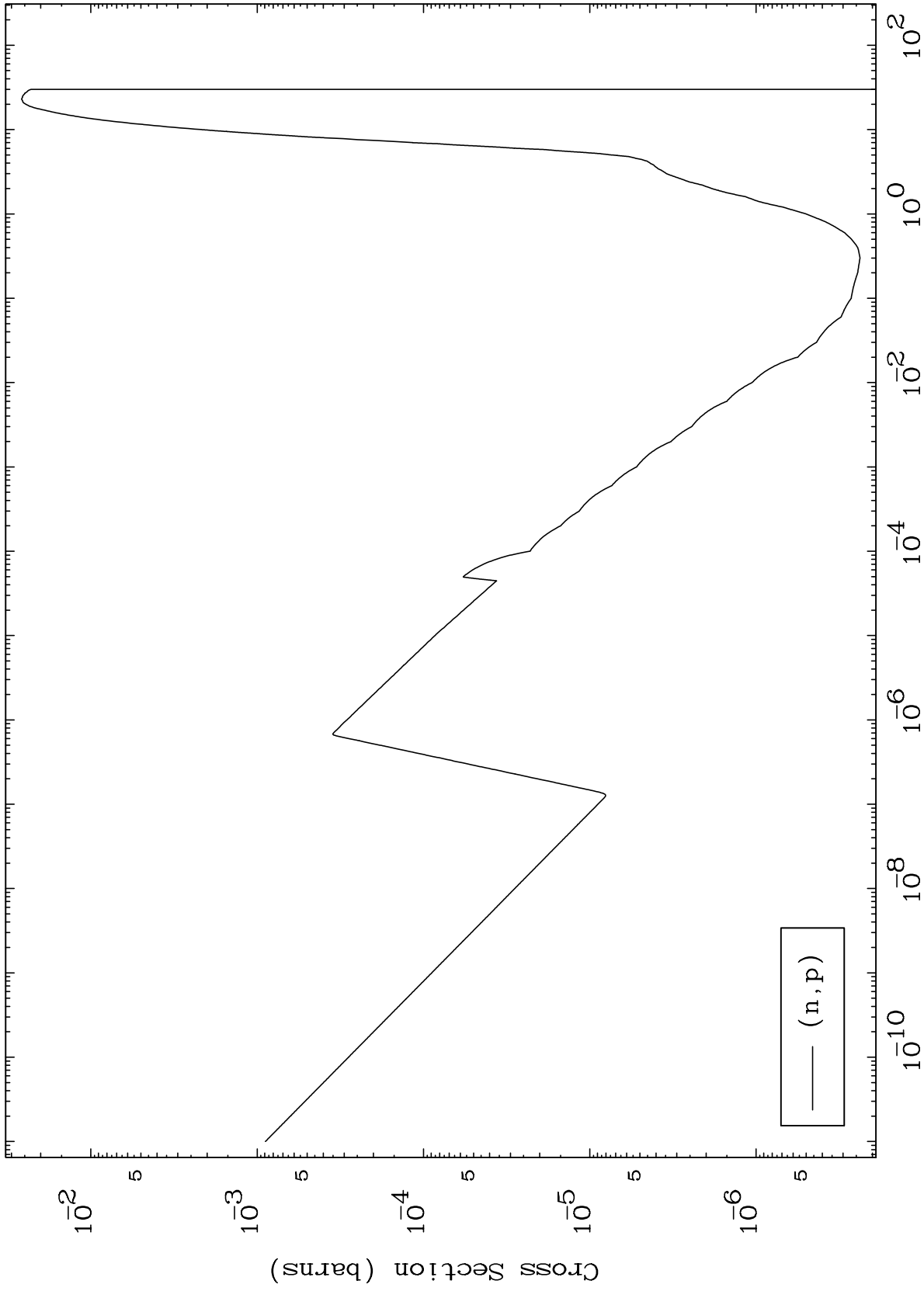
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-178



10

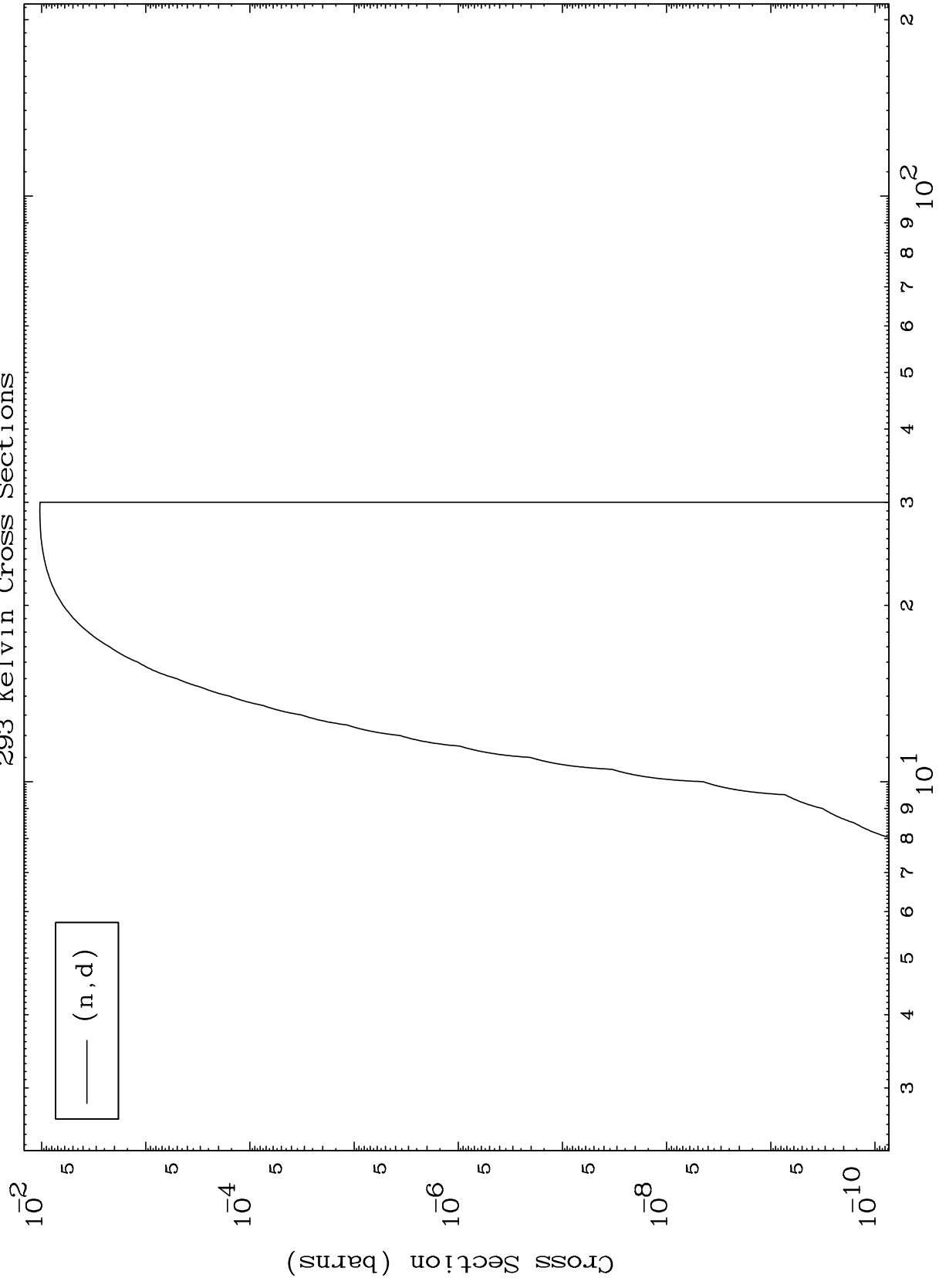
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,d) Levels
293 Kelvin Cross Sections

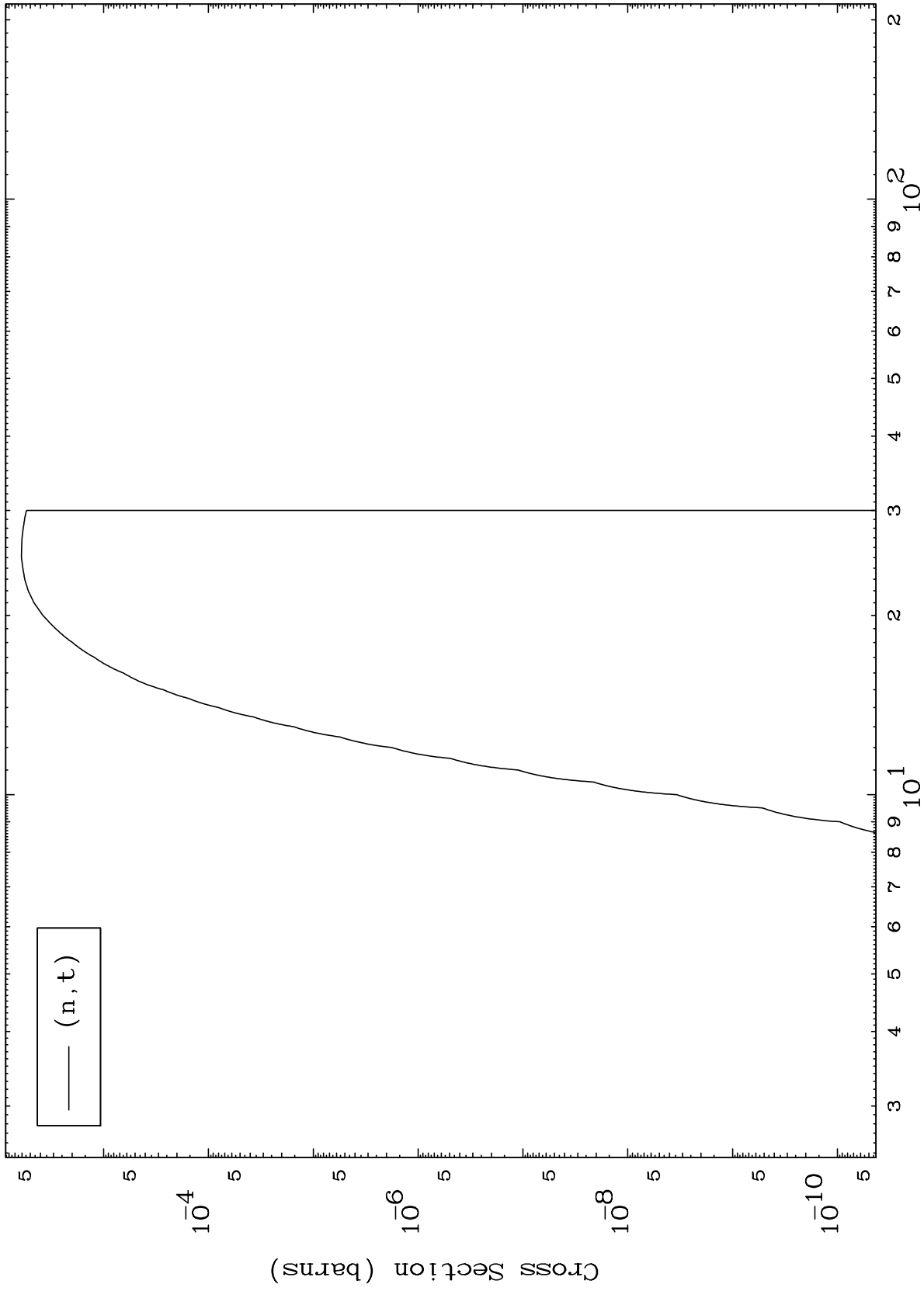
73-Ta-178



MAT 7320

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-178



12

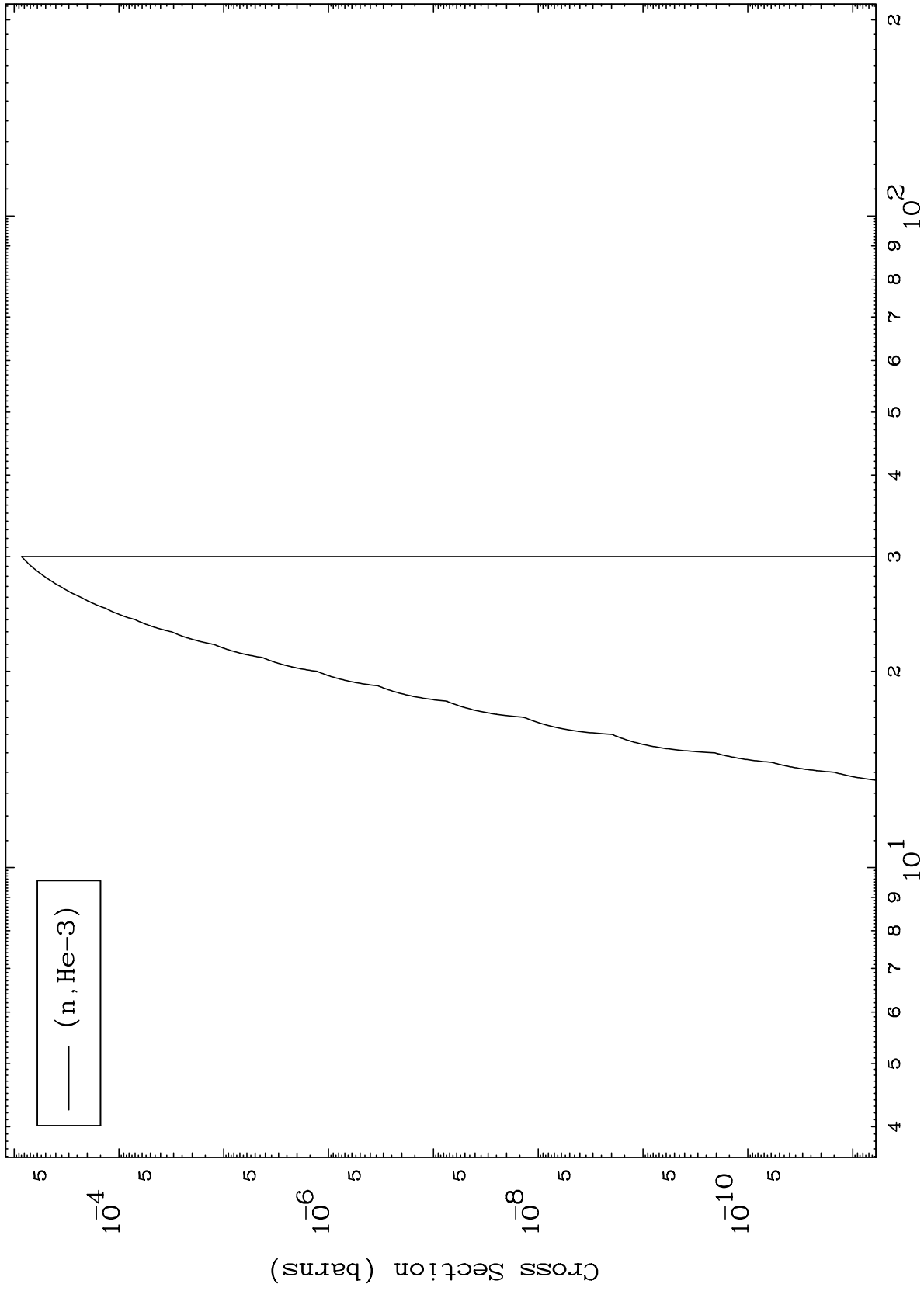
Incident Energy (MeV)

73-Ta-178

MAT 7320

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-178



13

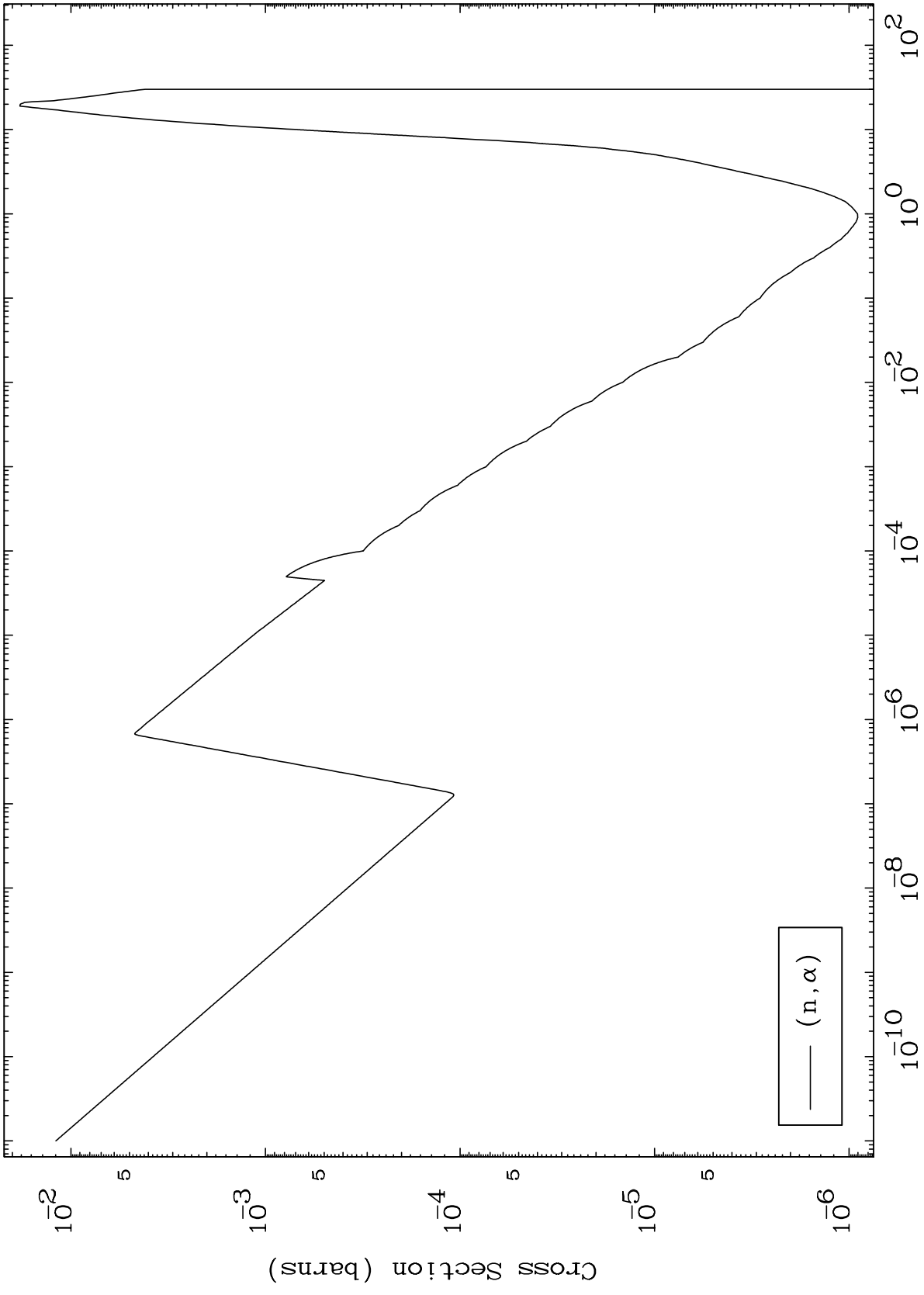
Incident Energy (MeV)

73-Ta-178

MAT 7320

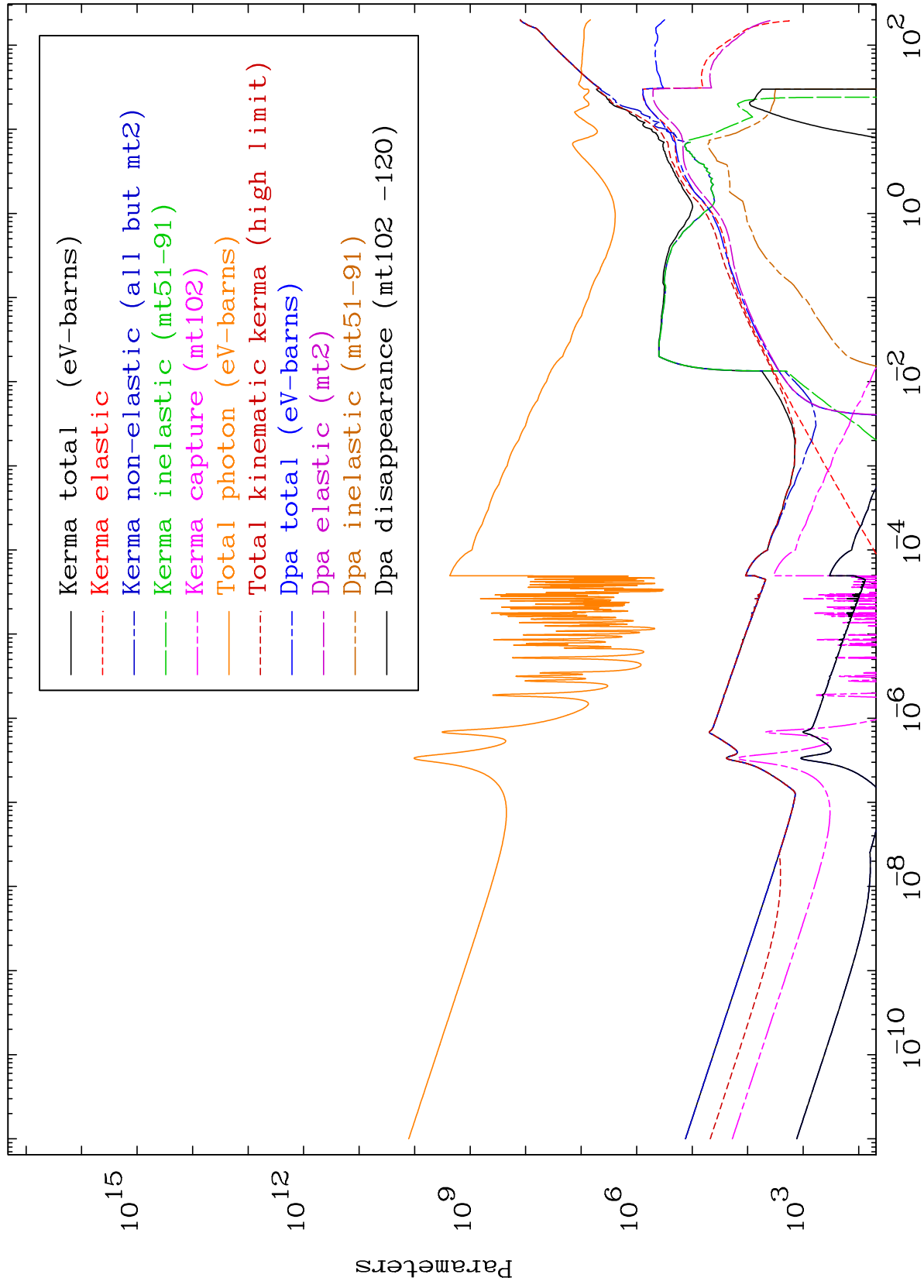
(n,α) Levels
293 Kelvin Cross Sections

73-Ta-178



(n,α)

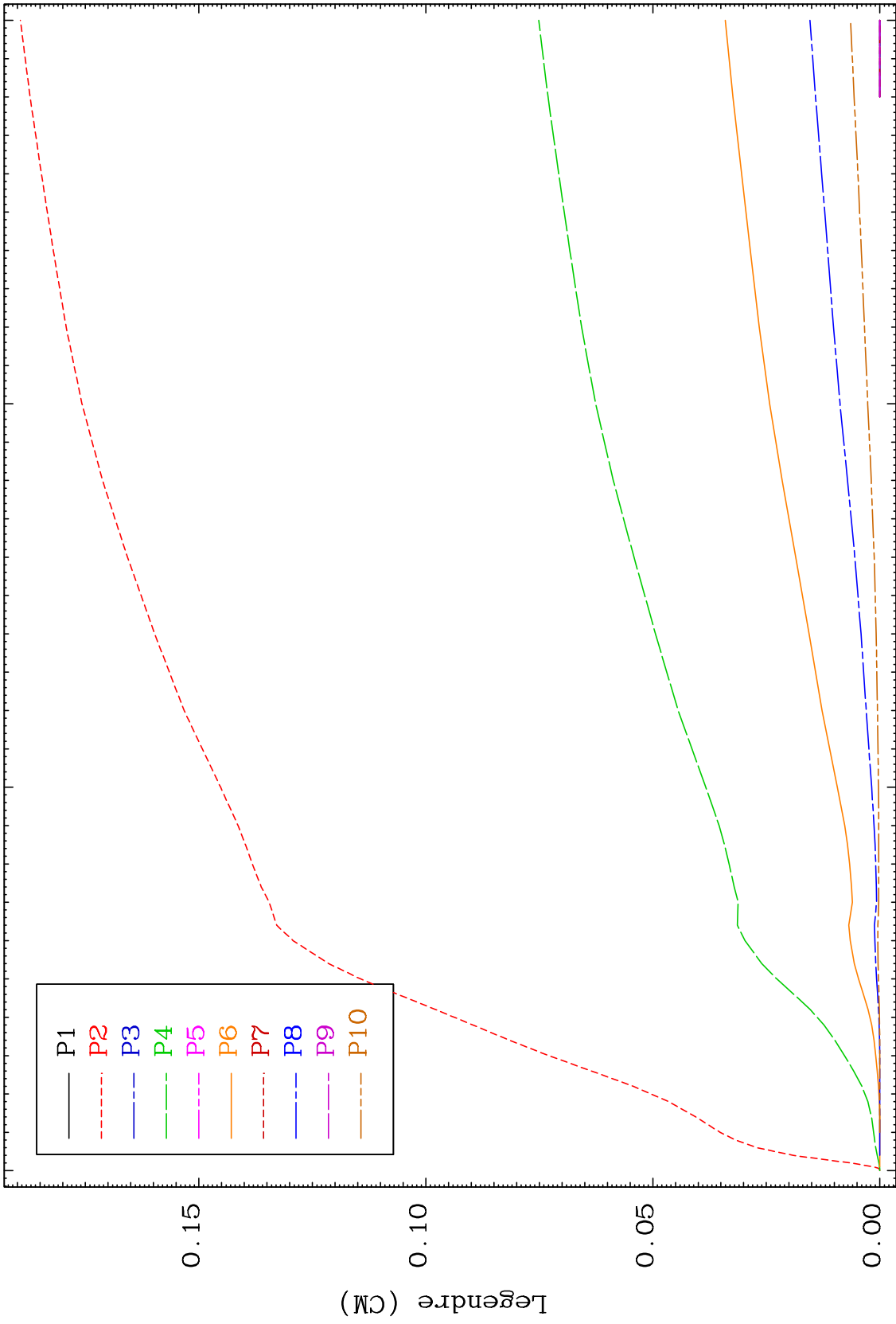
73-Ta-178



73-Ta-178

Elastic Legendre Coefficients

MAT 7320



73-Ta-178

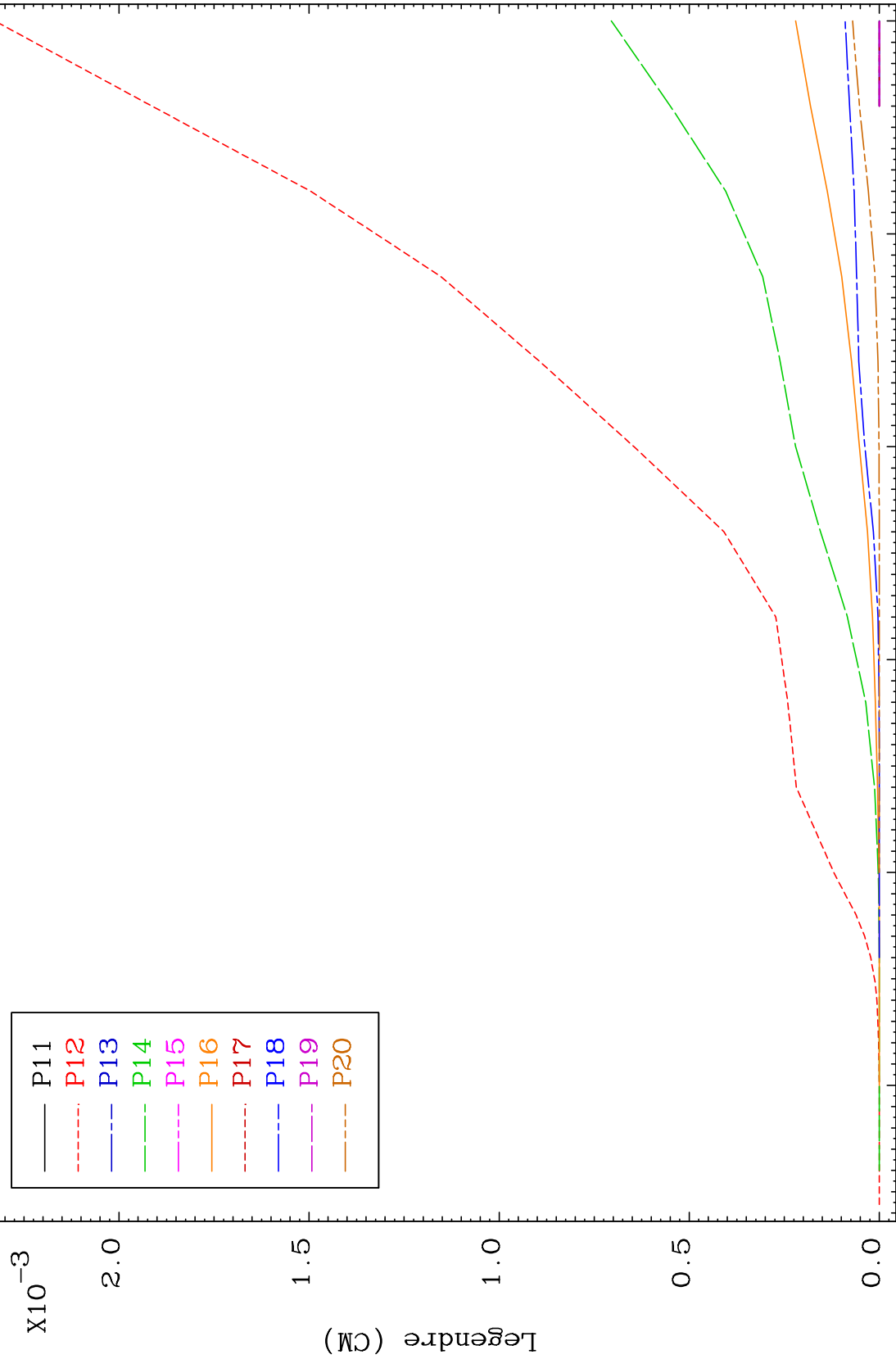
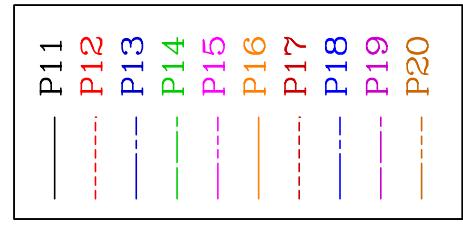
Incident Energy (MeV)

16

MAT 7320

Elastic
Legendre Coefficients

73-Ta-178



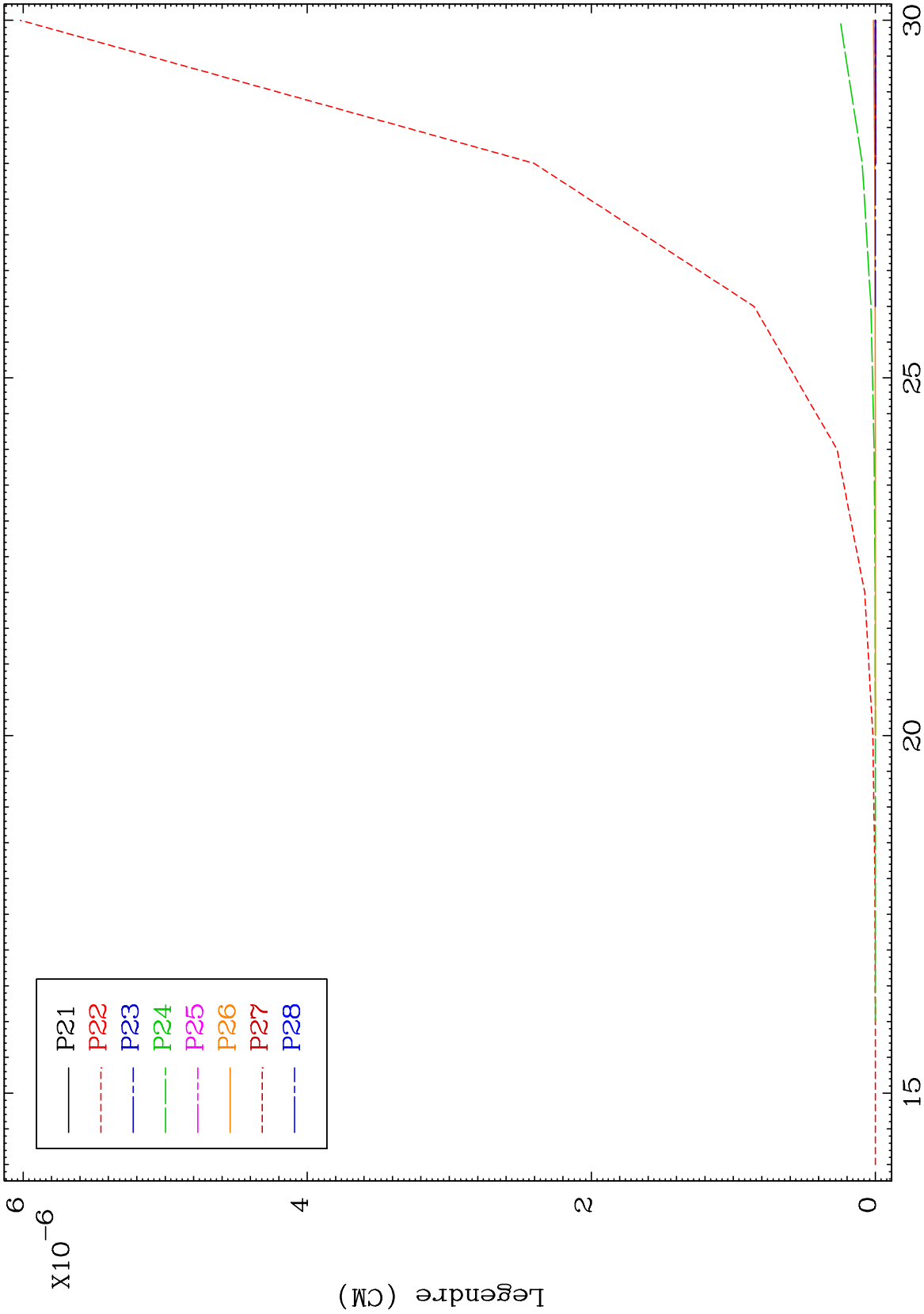
17

73-Ta-178

MAT 7320

Elastic Legendre Coefficients

⁷³Ta-178



18

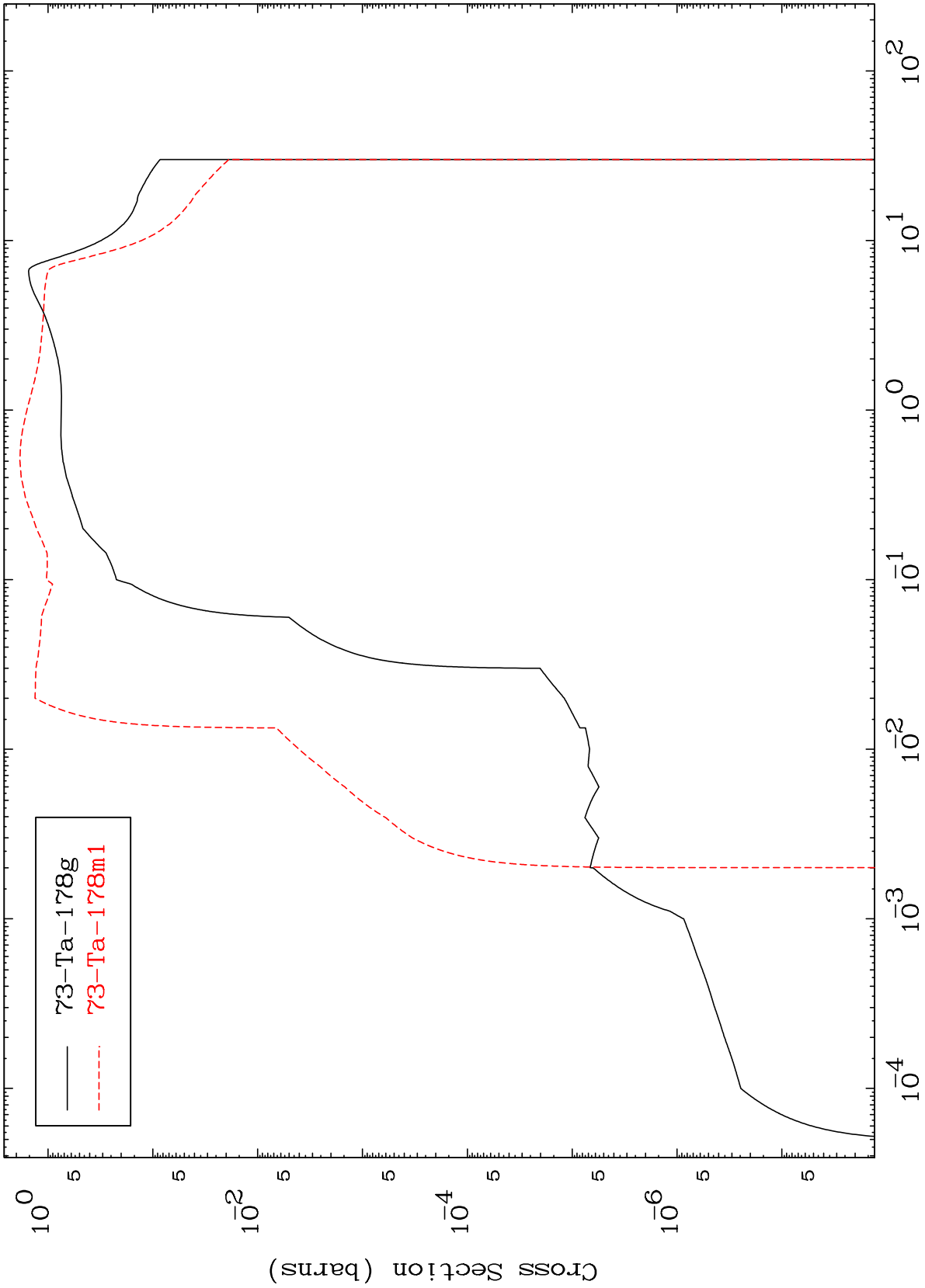
Incident Energy (MeV)

⁷³Ta-178

MAT 7320

⁷³Ta-178

Inelastic
Radionuclide Production Cross Section

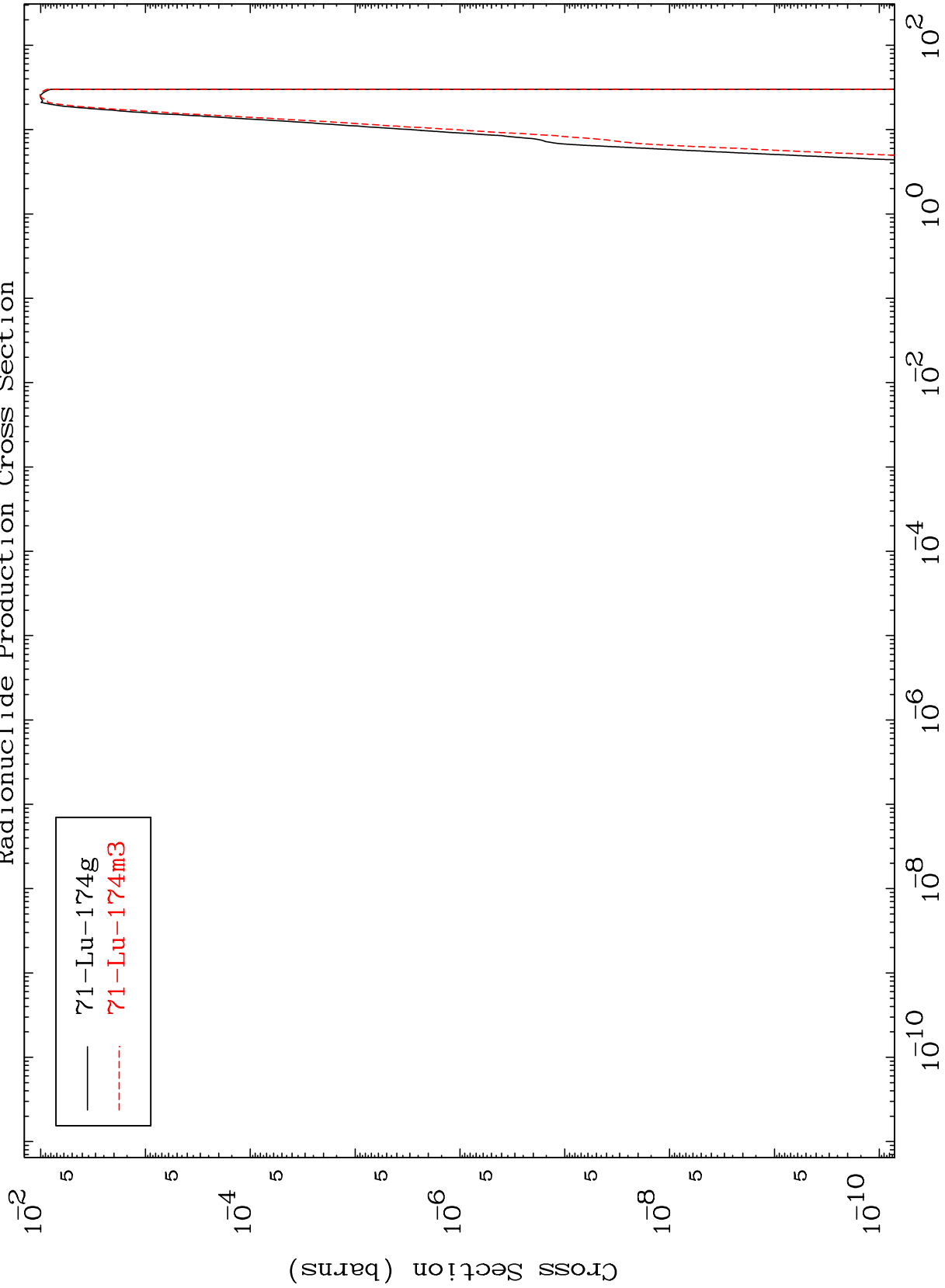


MAT 7320

(n,n') α

⁷³Ta-178

Radionuclide Production Cross Section



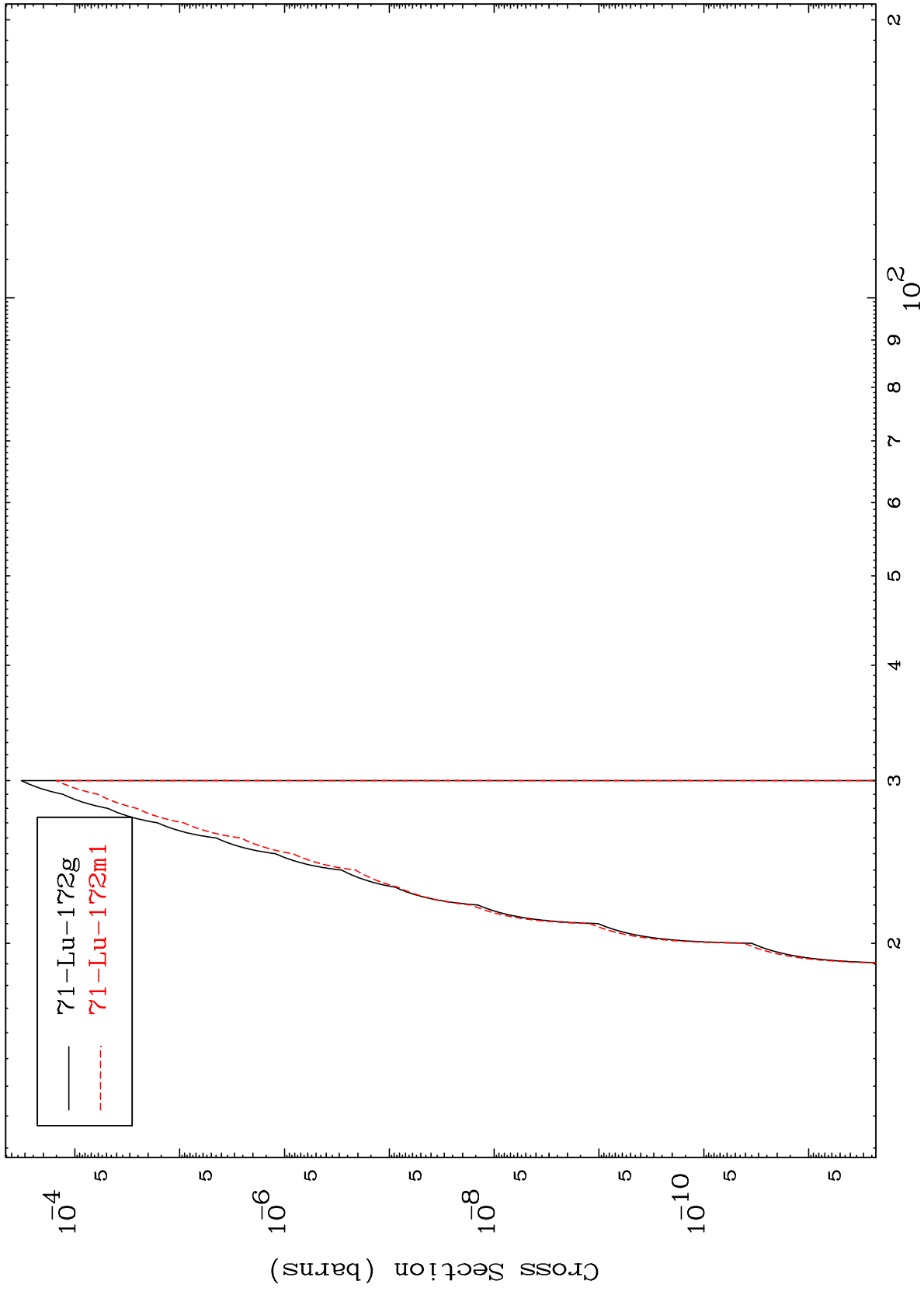
— ⁷¹Lu-174g
- - - ⁷¹Lu-174m3

MAT 7320

(n,3n) α

⁷³Ta-178

Radionuclide Production Cross Section



21

Incident Energy (MeV)

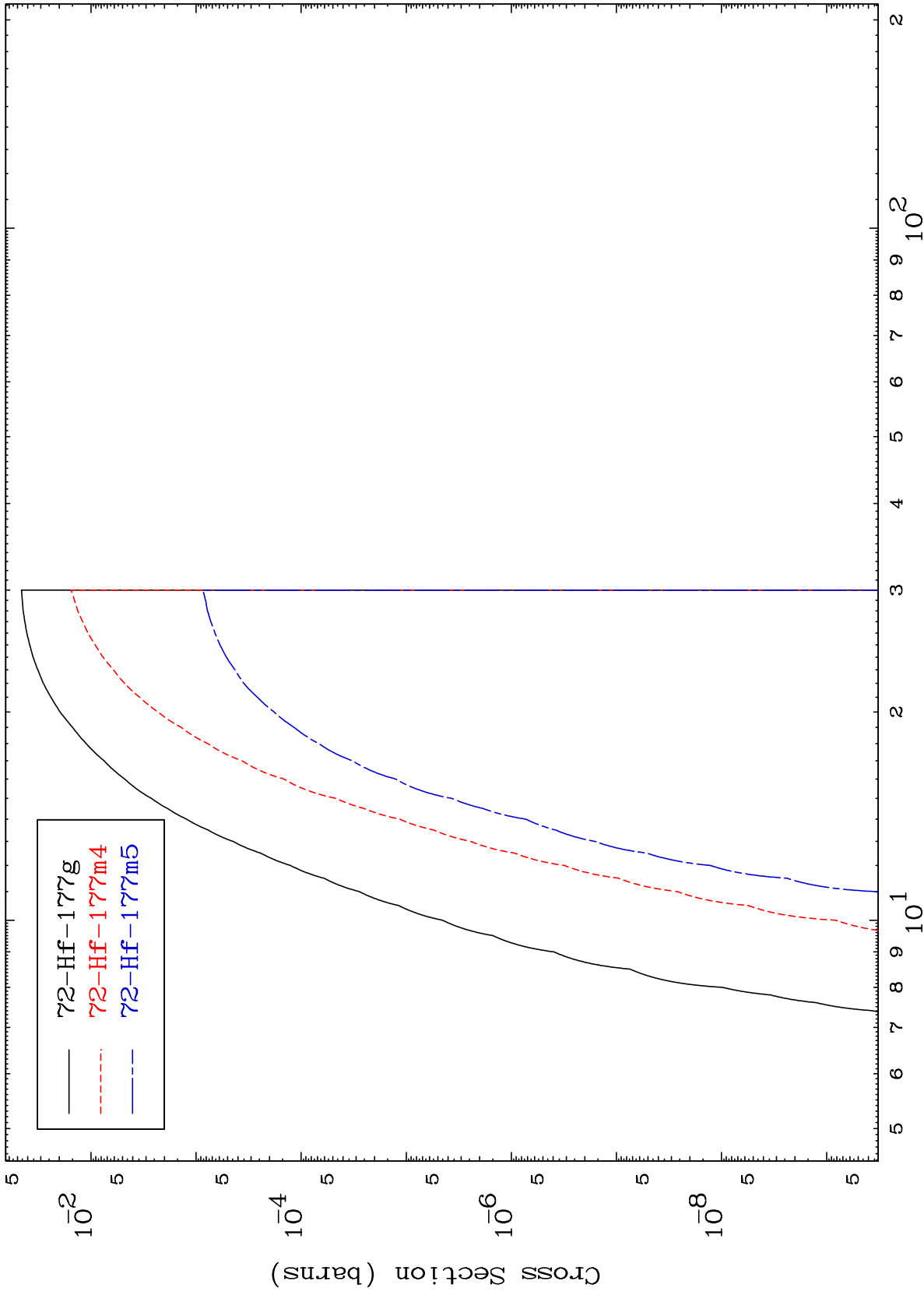
⁷³Ta-178

MAT 7320

(n,n') p

⁷³Ta-178

Radionuclide Production Cross Section



22

Incident Energy (MeV)

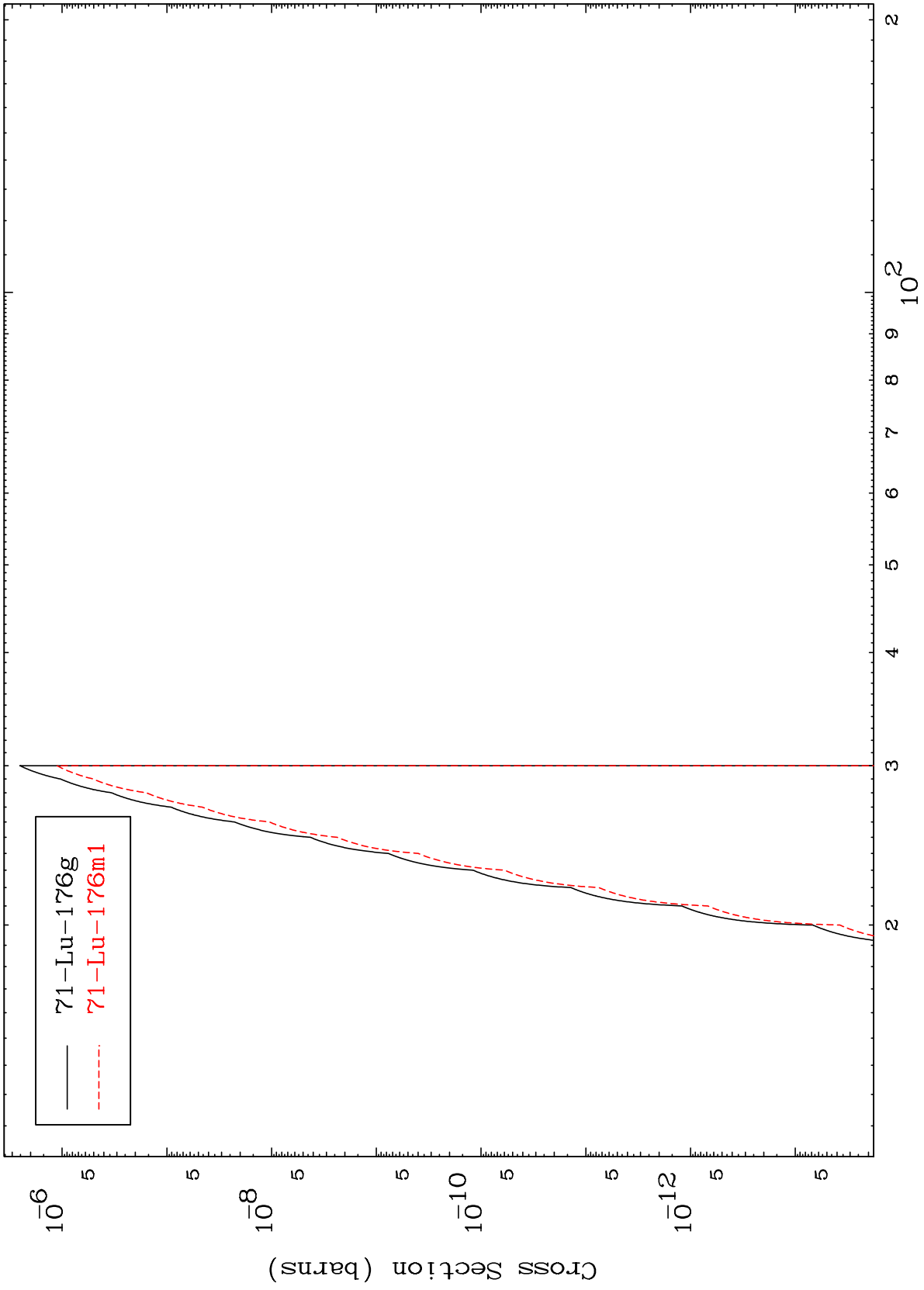
⁷³Ta-178

MAT 7320

(n,2n) p

⁷³Ta-178

Radionuclide Production Cross Section



23

Incident Energy (MeV)

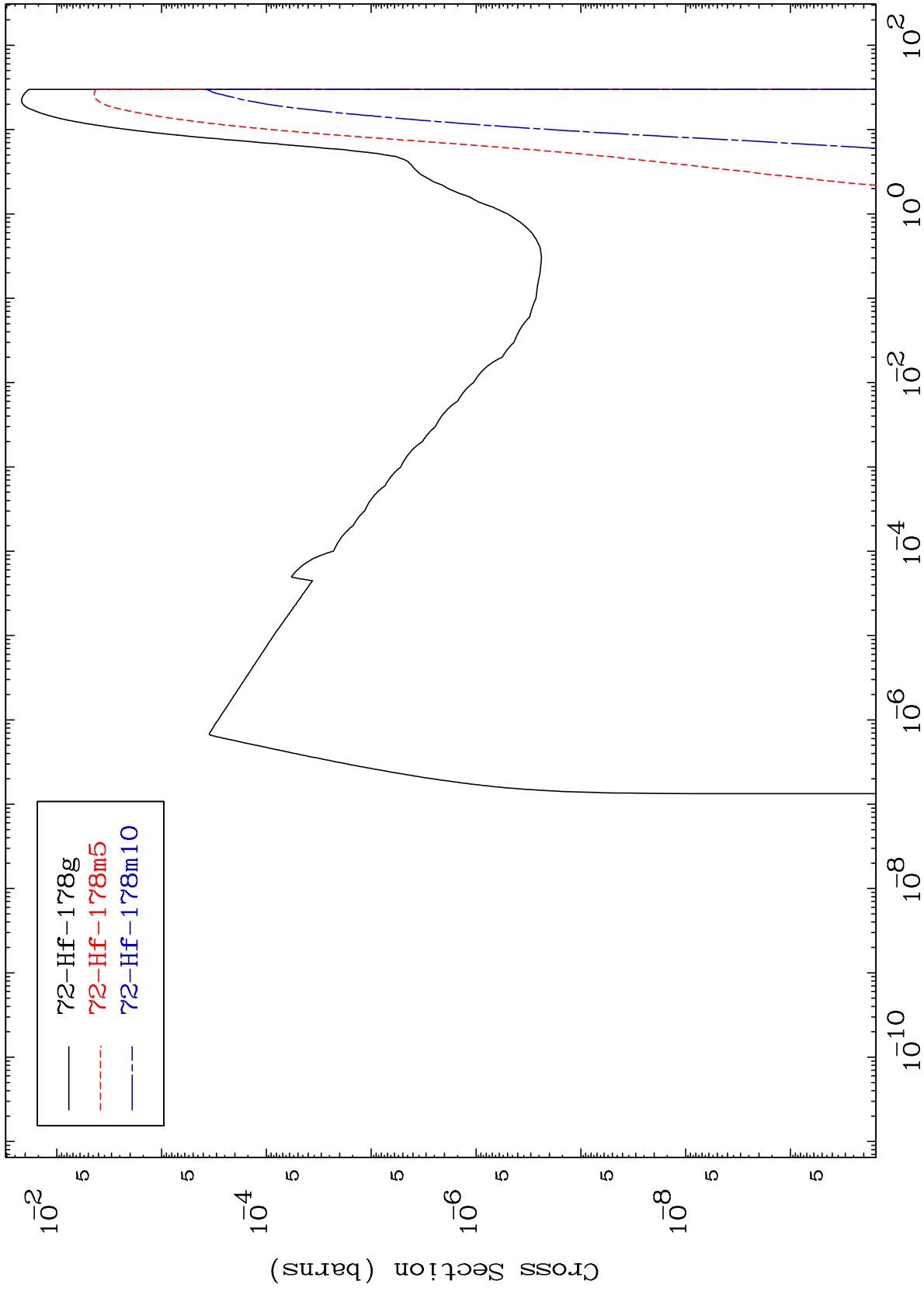
⁷³Ta-178

MAT 7320

(n,p)

⁷³Ta-178

Radionuclide Production Cross Section



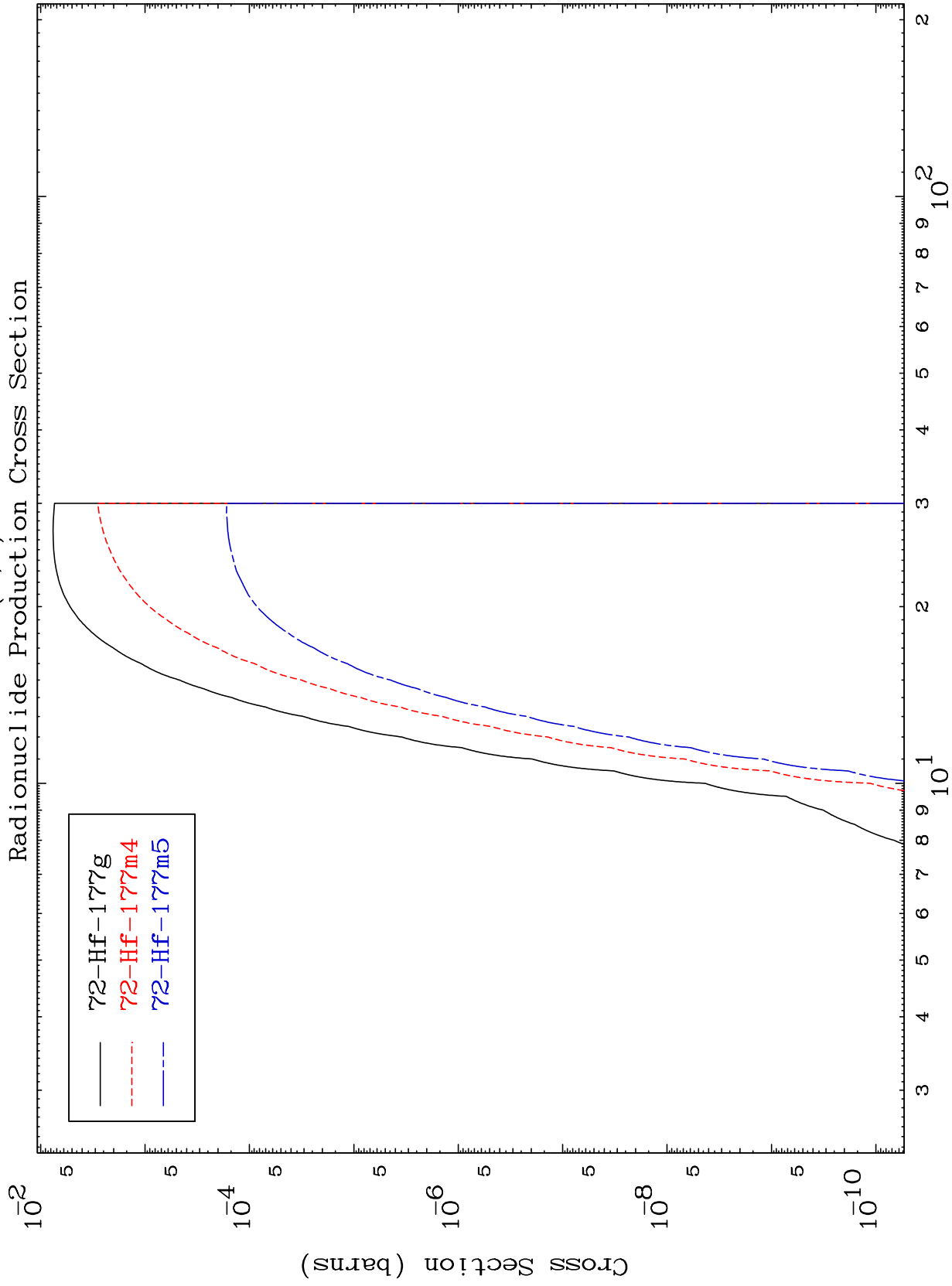
24

Incident Energy (MeV)

⁷³Ta-178

MAT 7320

⁷³Ta-178



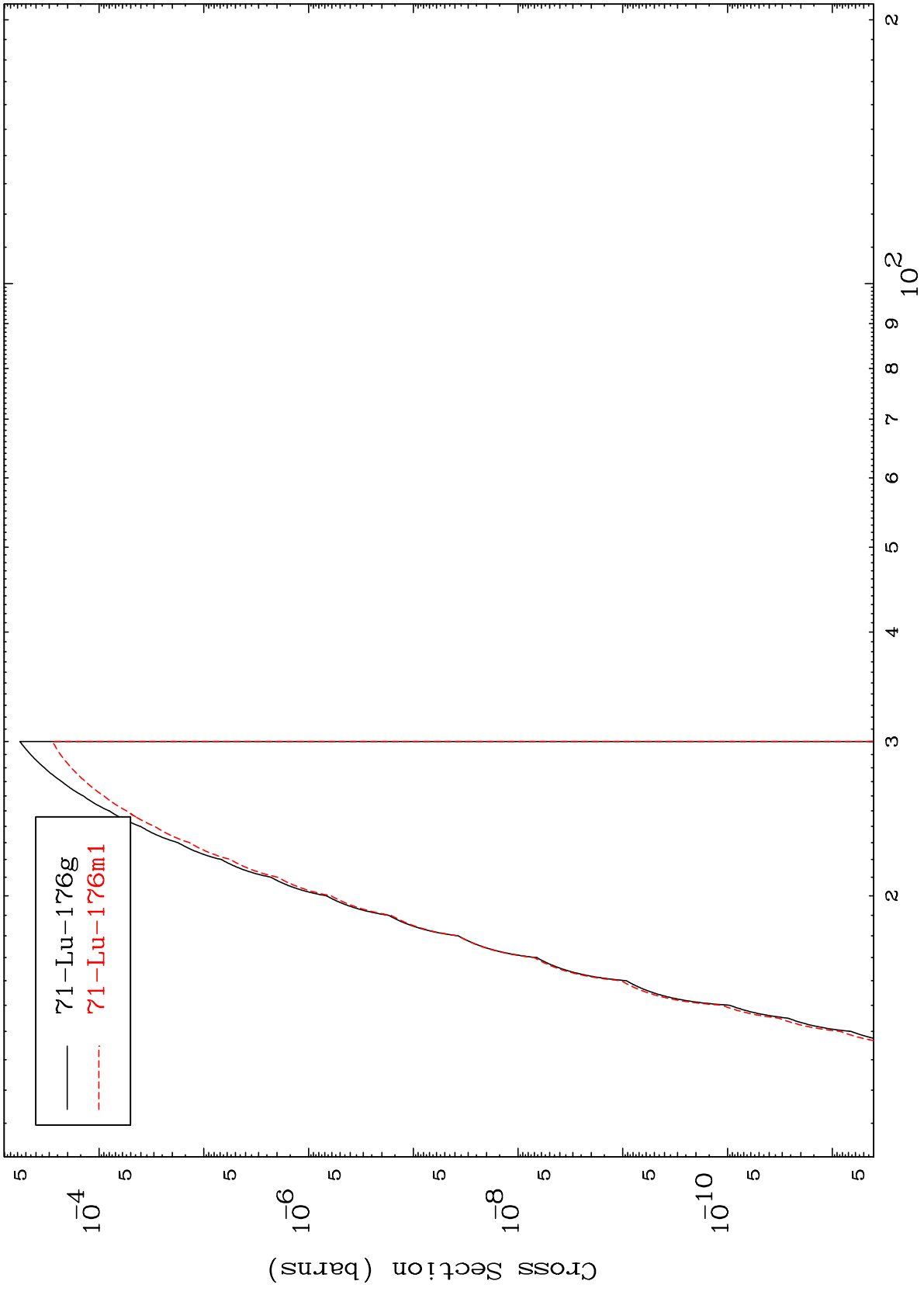
25

MAT 7320

(n, He-3)

73-Ta-178

Radionuclide Production Cross Section

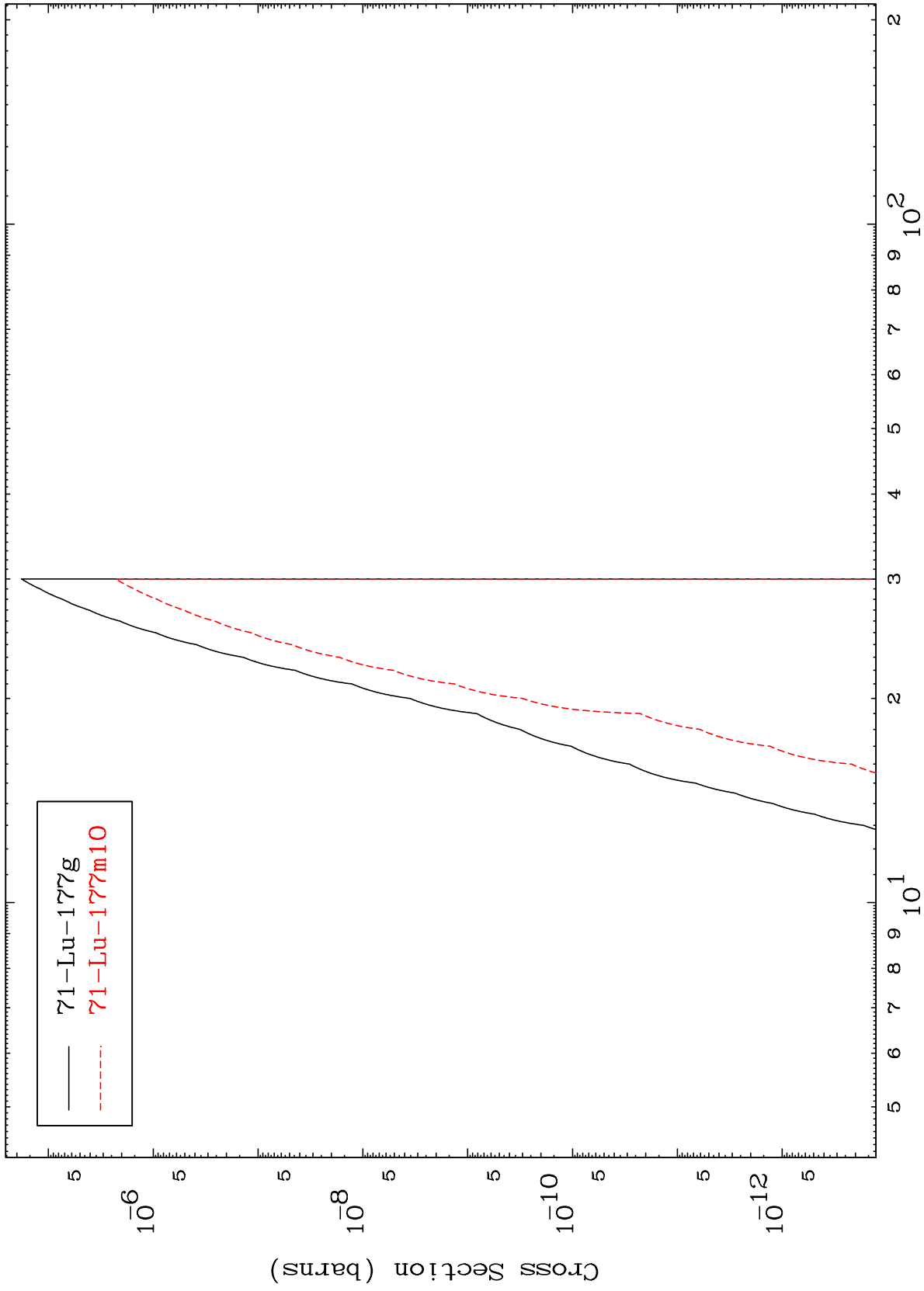


71-Lu-176g
71-Lu-176m1

MAT 7320

⁷³Ta-178

Radionuclide Production Cross Section (n,2p)



27

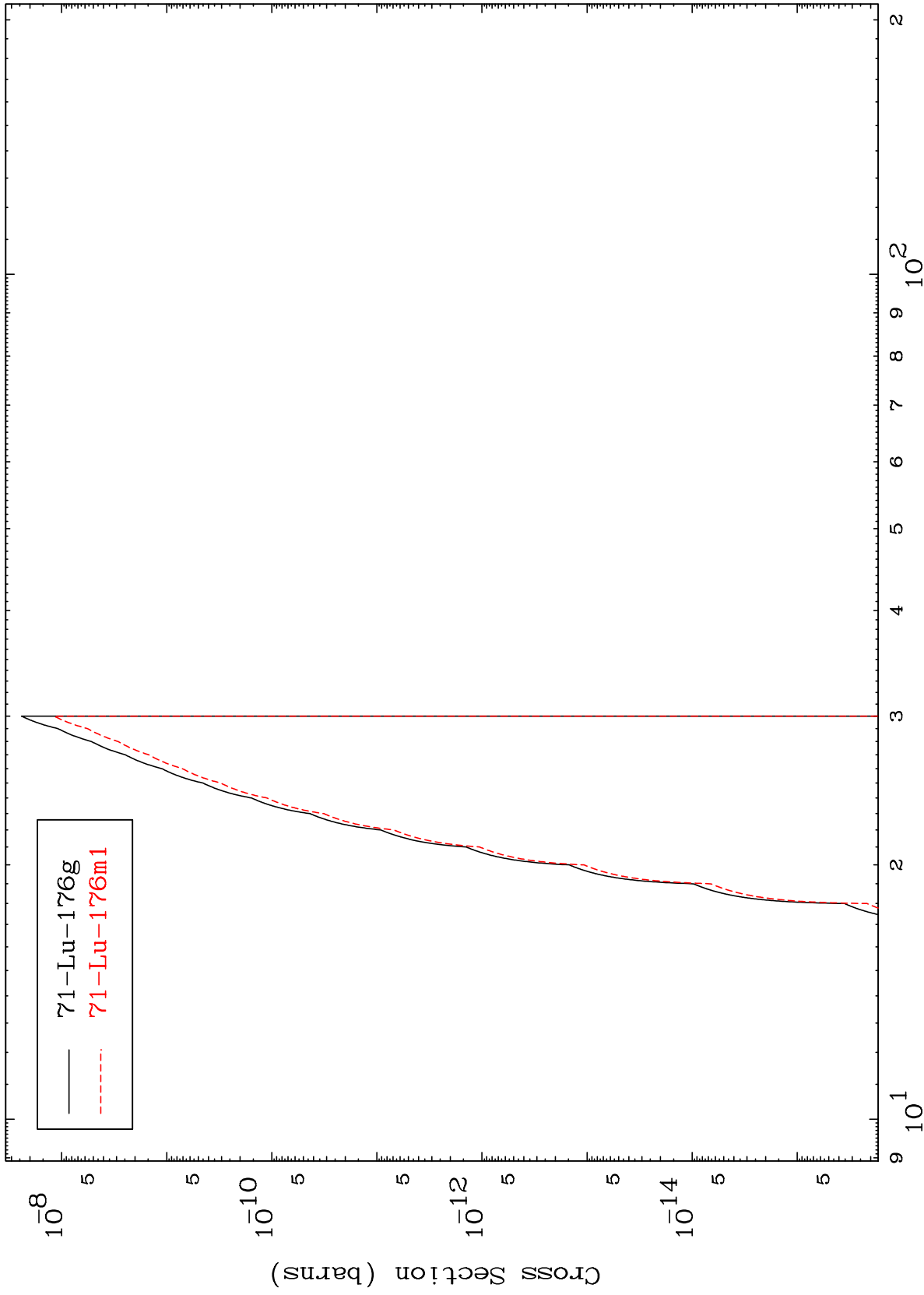
⁷³Ta-178

MAT 7320

(n,p) d

73-Ta-178

Radionuclide Production Cross Section



28

Incident Energy (MeV)

73-Ta-178