

Program EVALPLOT
(Version 2018-1)

by

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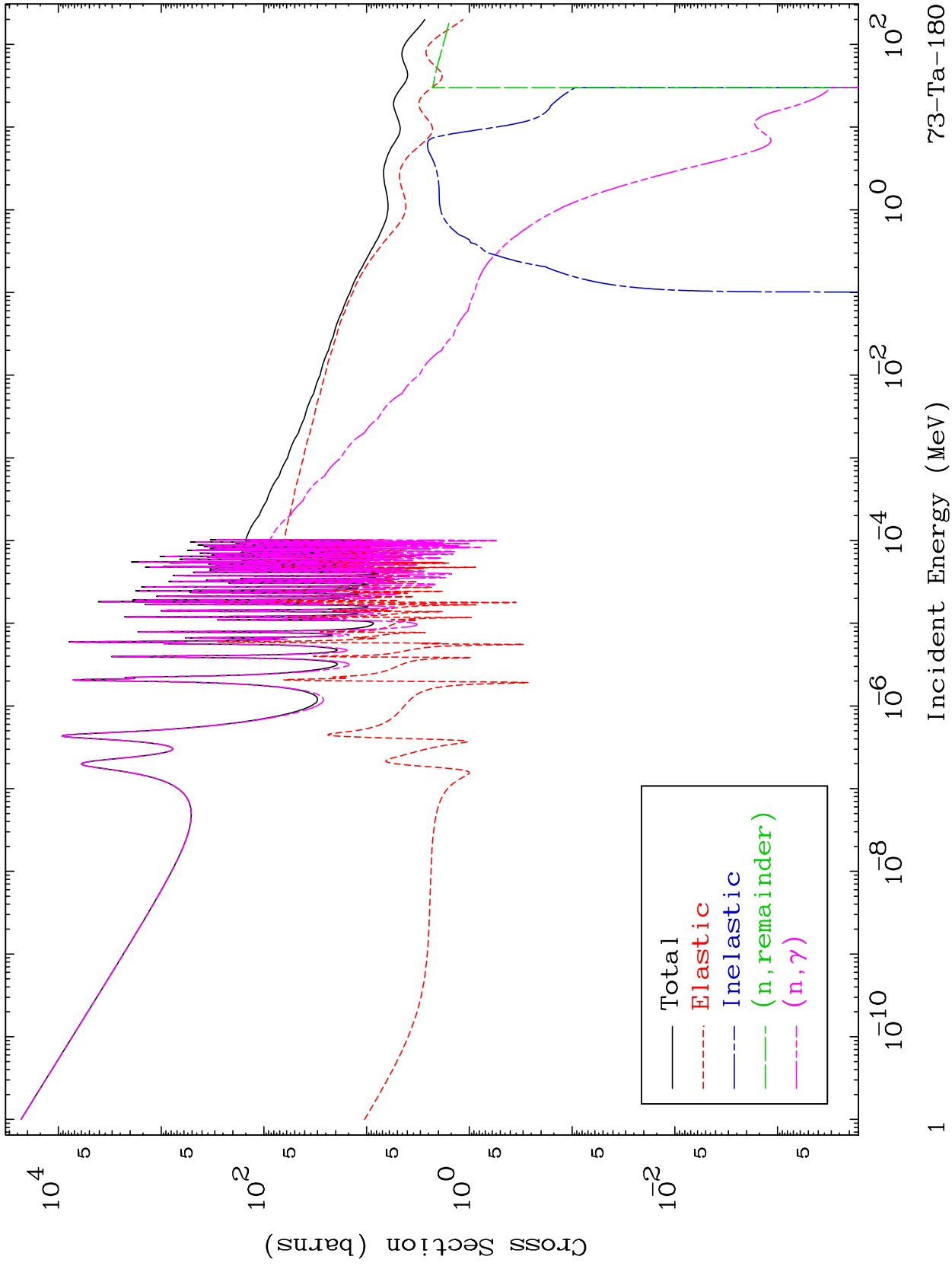
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7326

Major
293 Kelvin Cross Sections

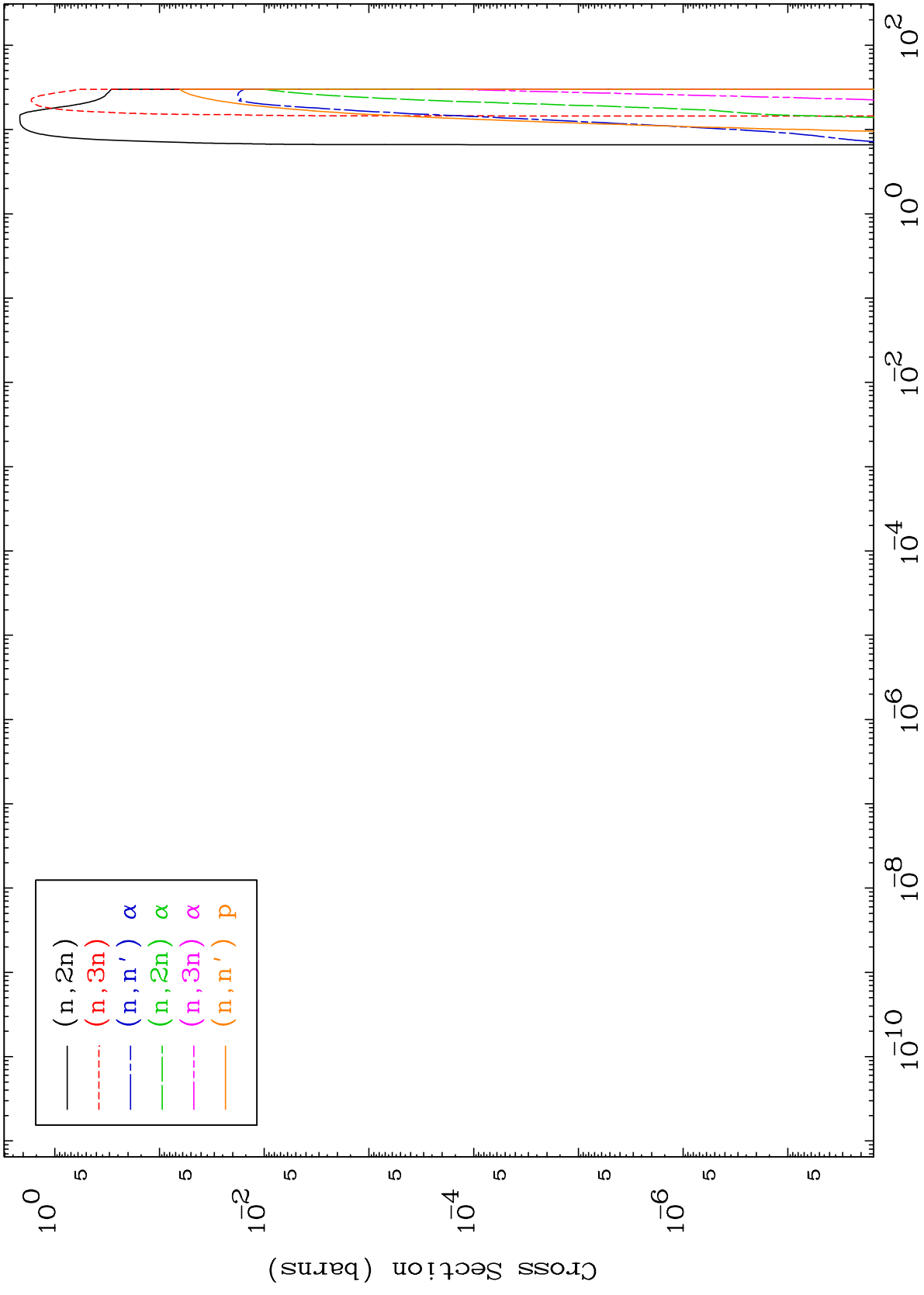
73-Ta-180



MAT 7326

Neutron Production
293 Kelvin Cross Sections

73-Ta-180

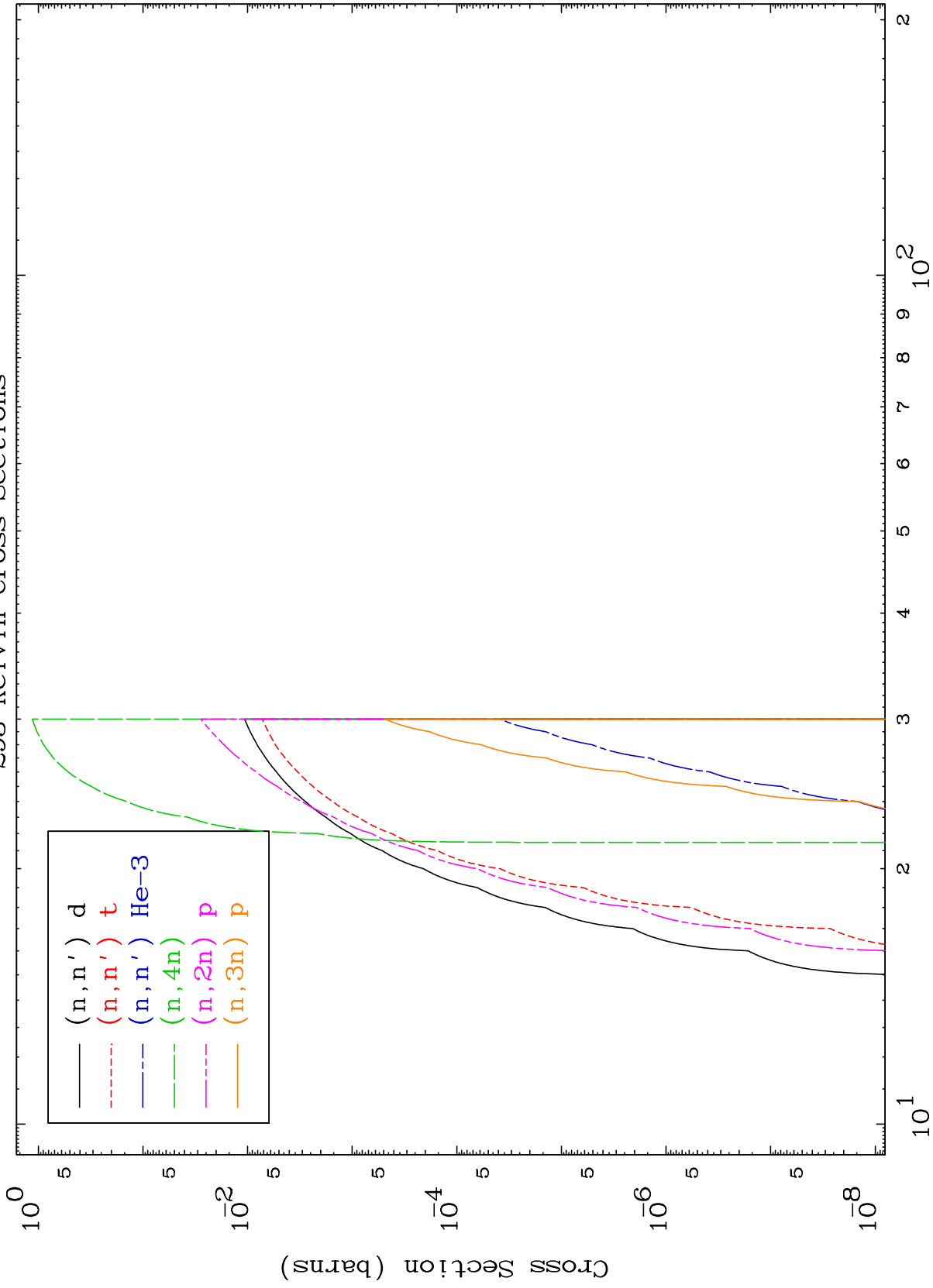


73-Ta-180

MAT 7326

Neutron Production
293 Kelvin Cross Sections

73-Ta-180



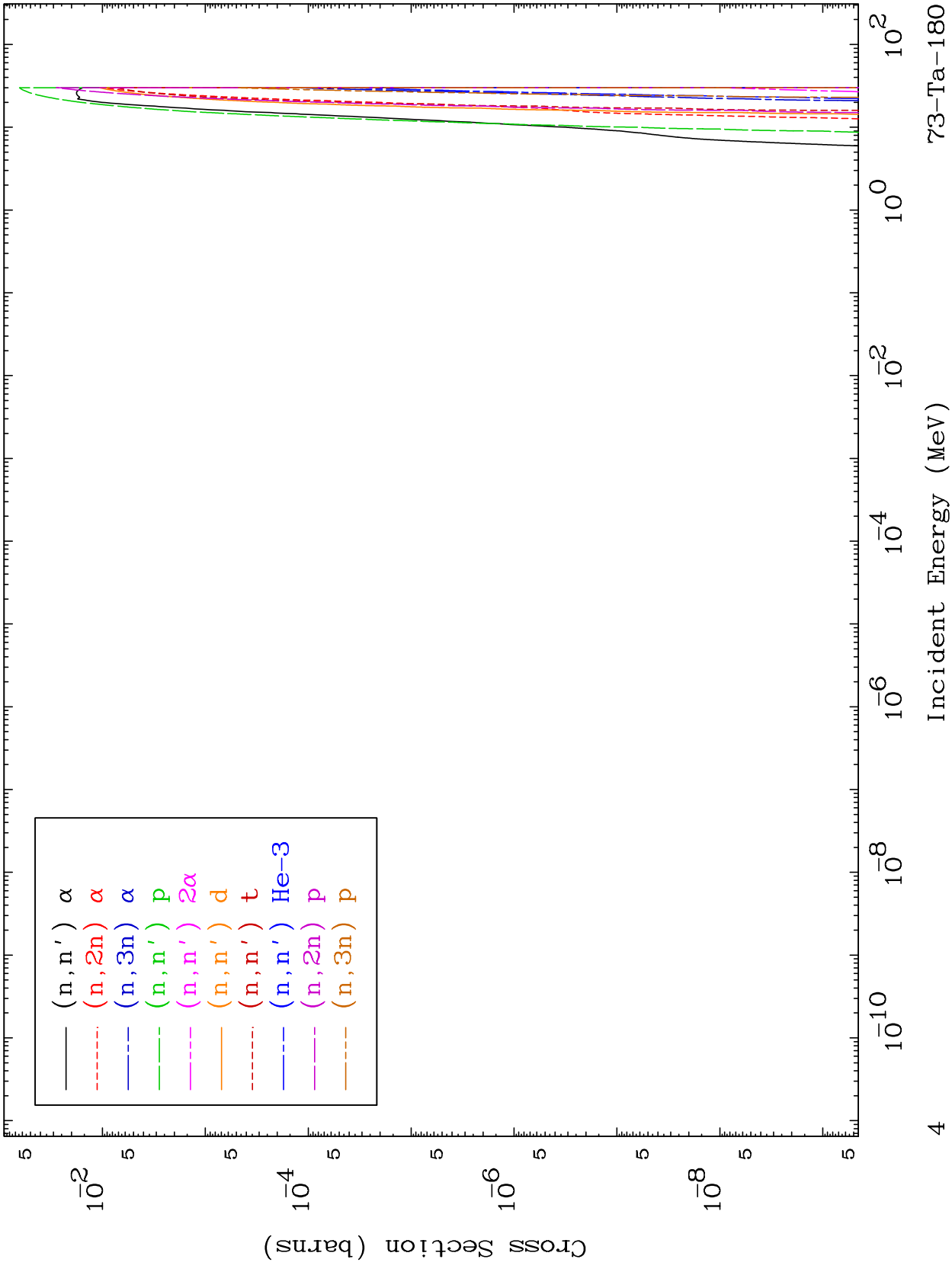
Incident Energy (MeV)

73-Ta-180

MAT 7326

Charged Particle
293 Kelvin Cross Sections

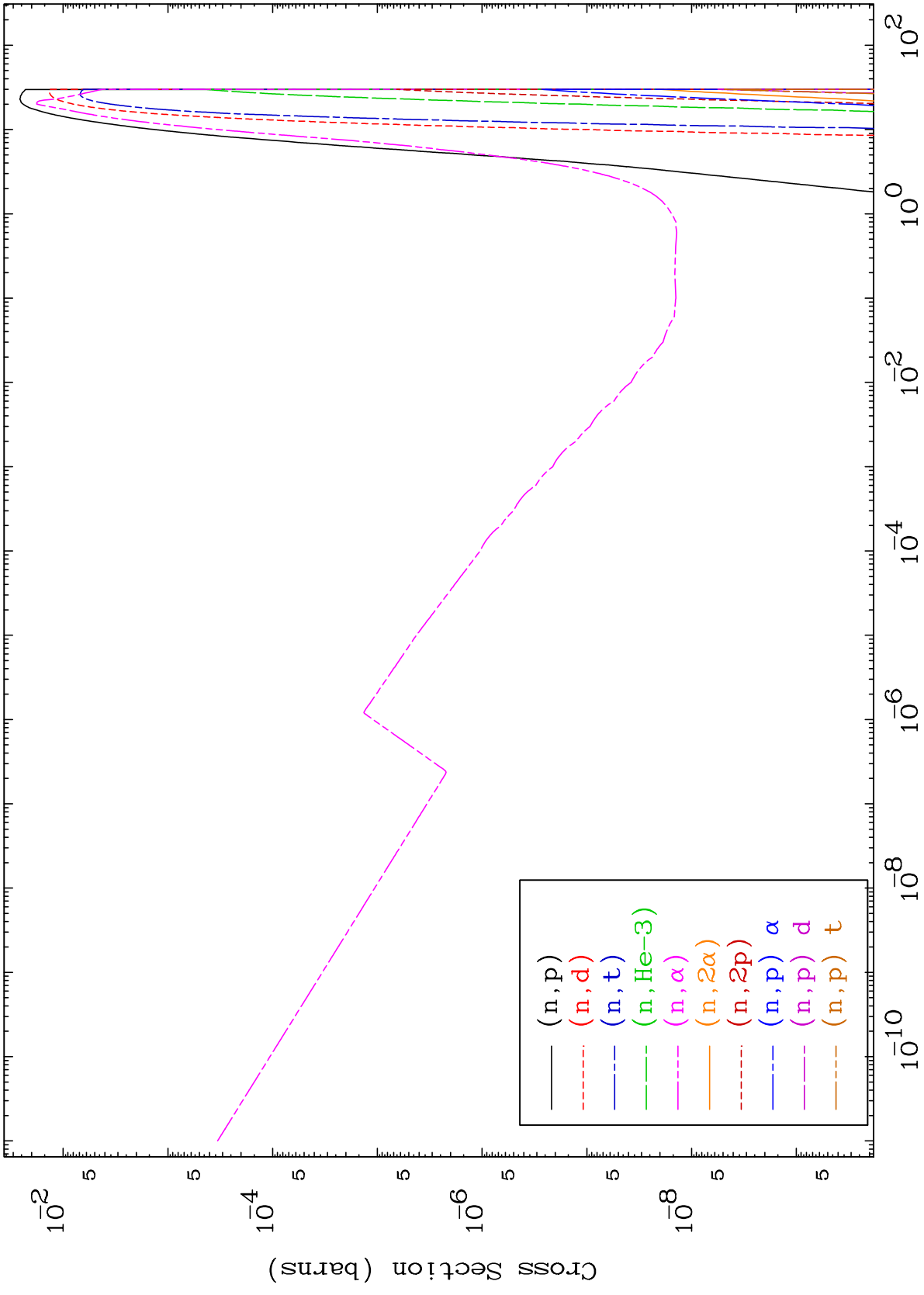
73-Ta-180



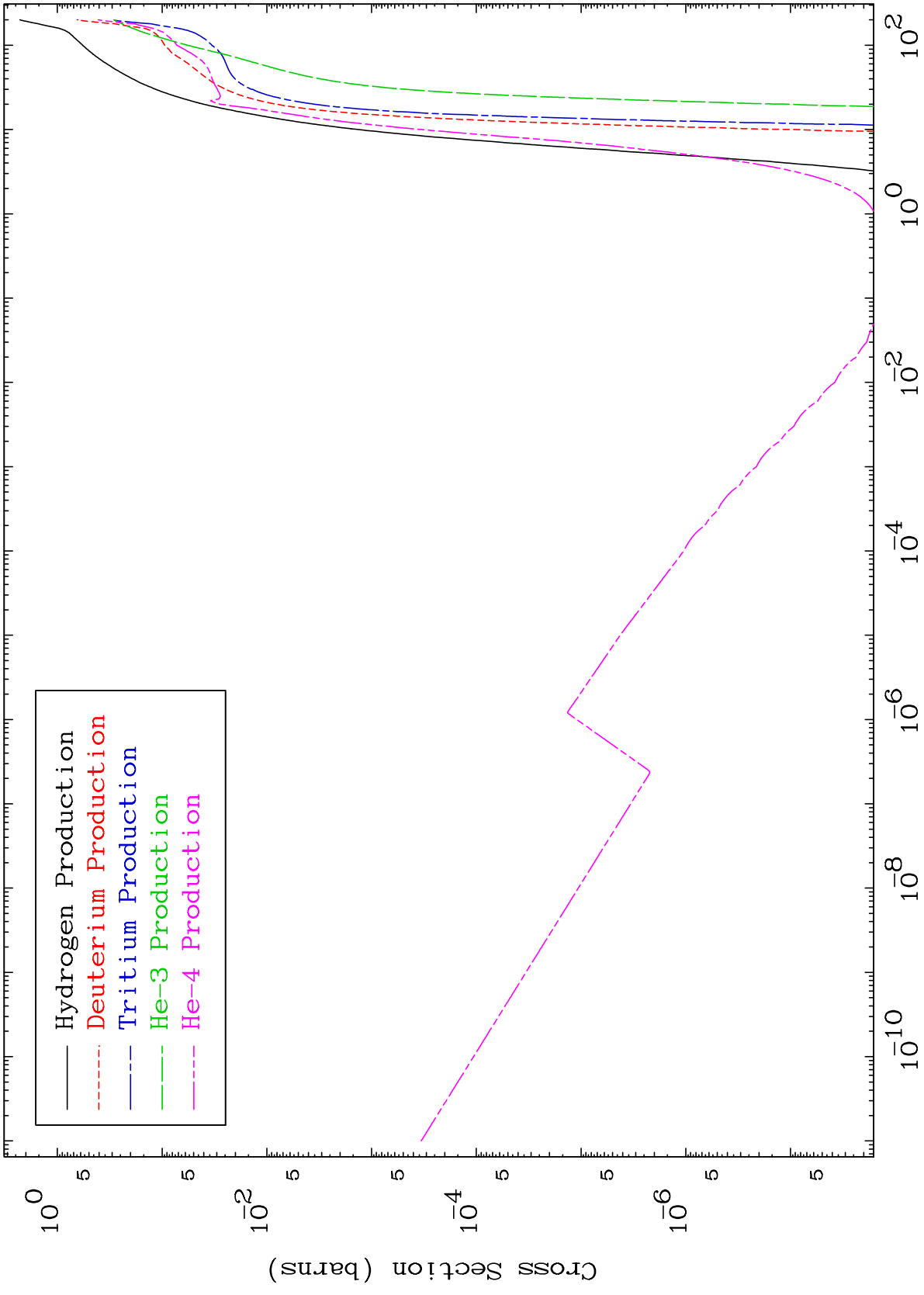
MAT 7326

Charged Particle
293 Kelvin Cross Sections

73-Ta-180



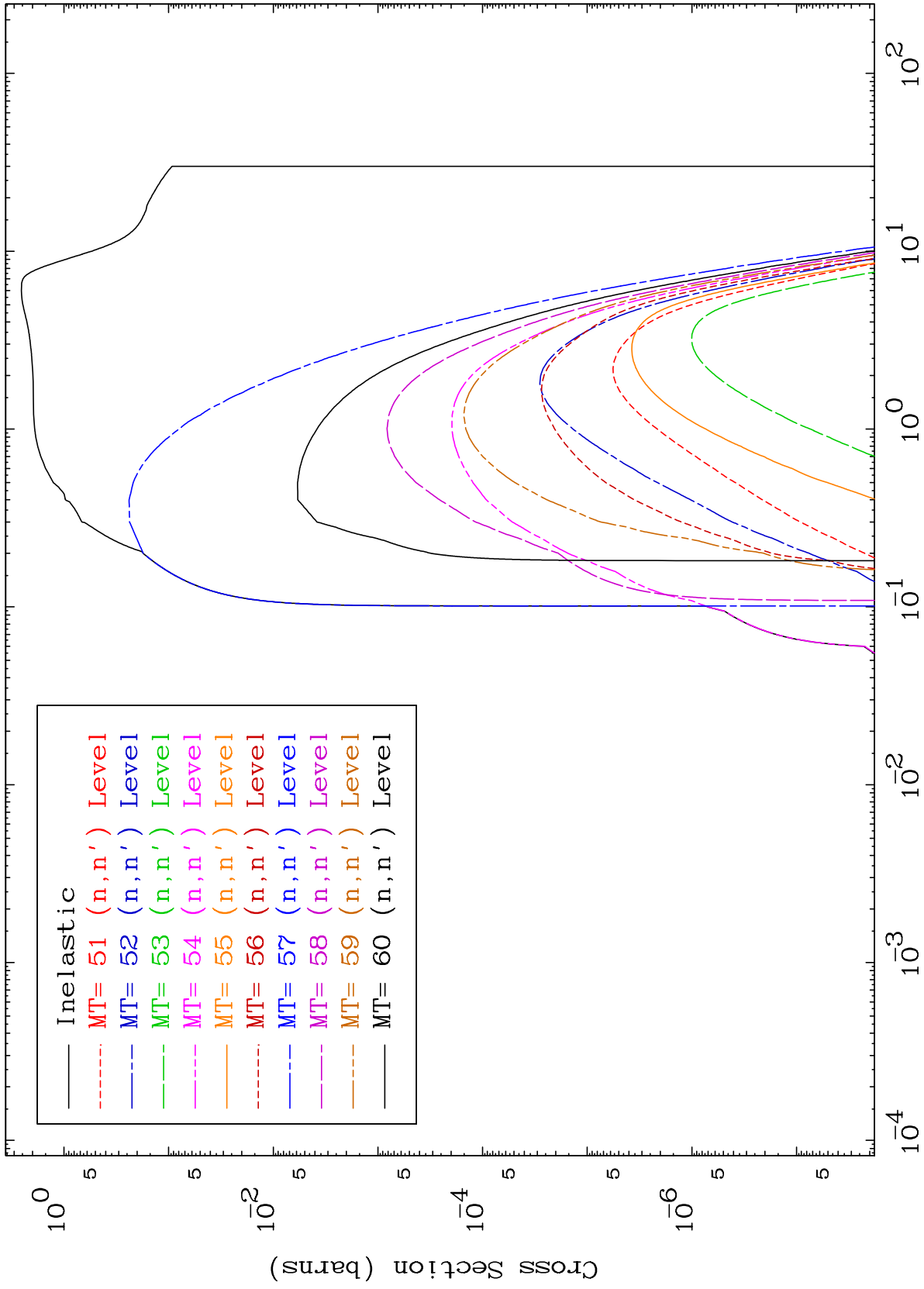
73-Ta-180



MAT 7326

293 Kelvin Cross Sections
(n,n') Level

73-Ta-180



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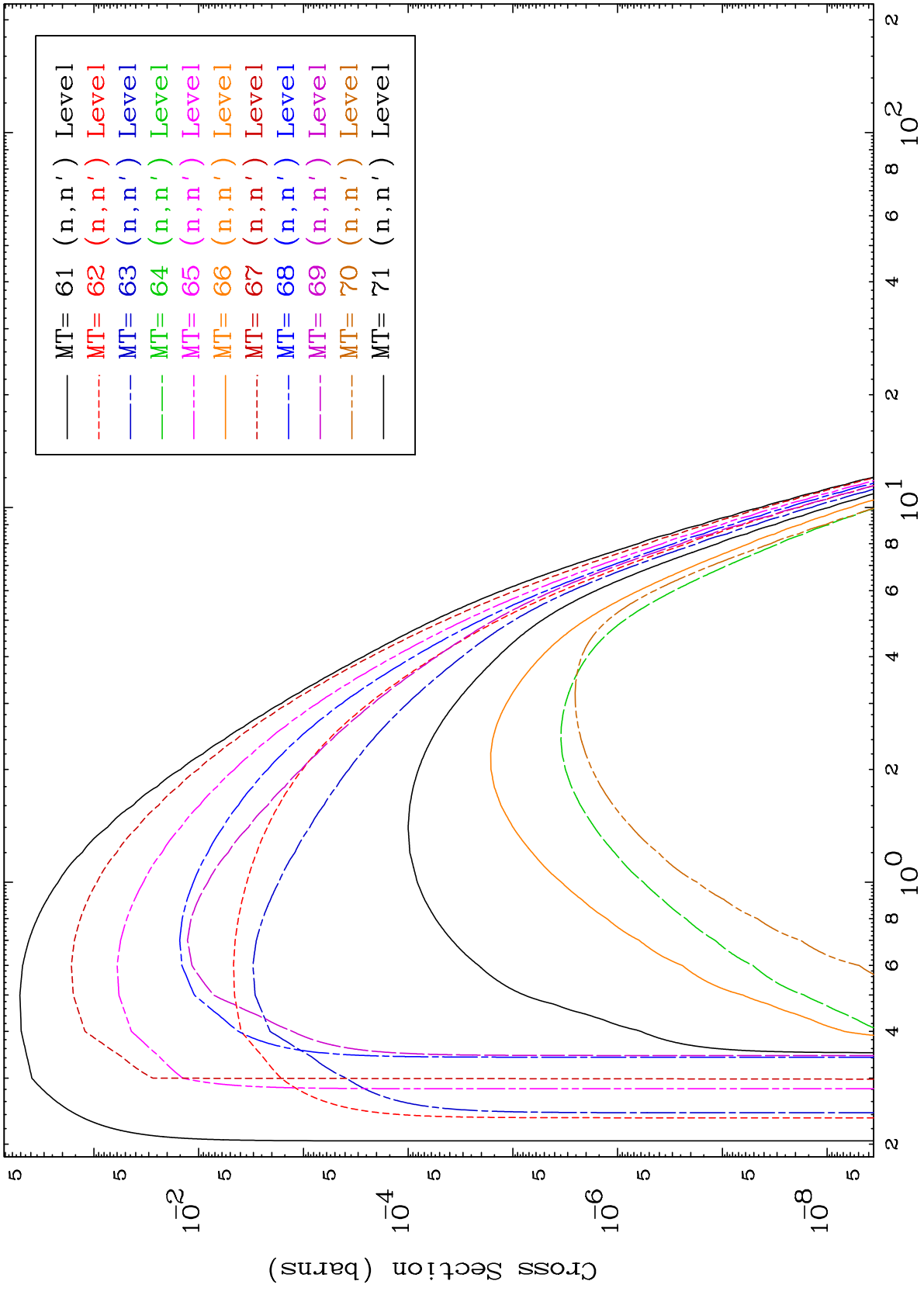
73-Ta-180

MAT 7326

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



—	MT=	61	(n, n')	Level
- - -	MT=	62	(n, n')	Level
- · -	MT=	63	(n, n')	Level
- - -	MT=	64	(n, n')	Level
- · -	MT=	65	(n, n')	Level
—	MT=	66	(n, n')	Level
- - -	MT=	67	(n, n')	Level
- · -	MT=	68	(n, n')	Level
- - -	MT=	69	(n, n')	Level
- · -	MT=	70	(n, n')	Level
—	MT=	71	(n, n')	Level

8

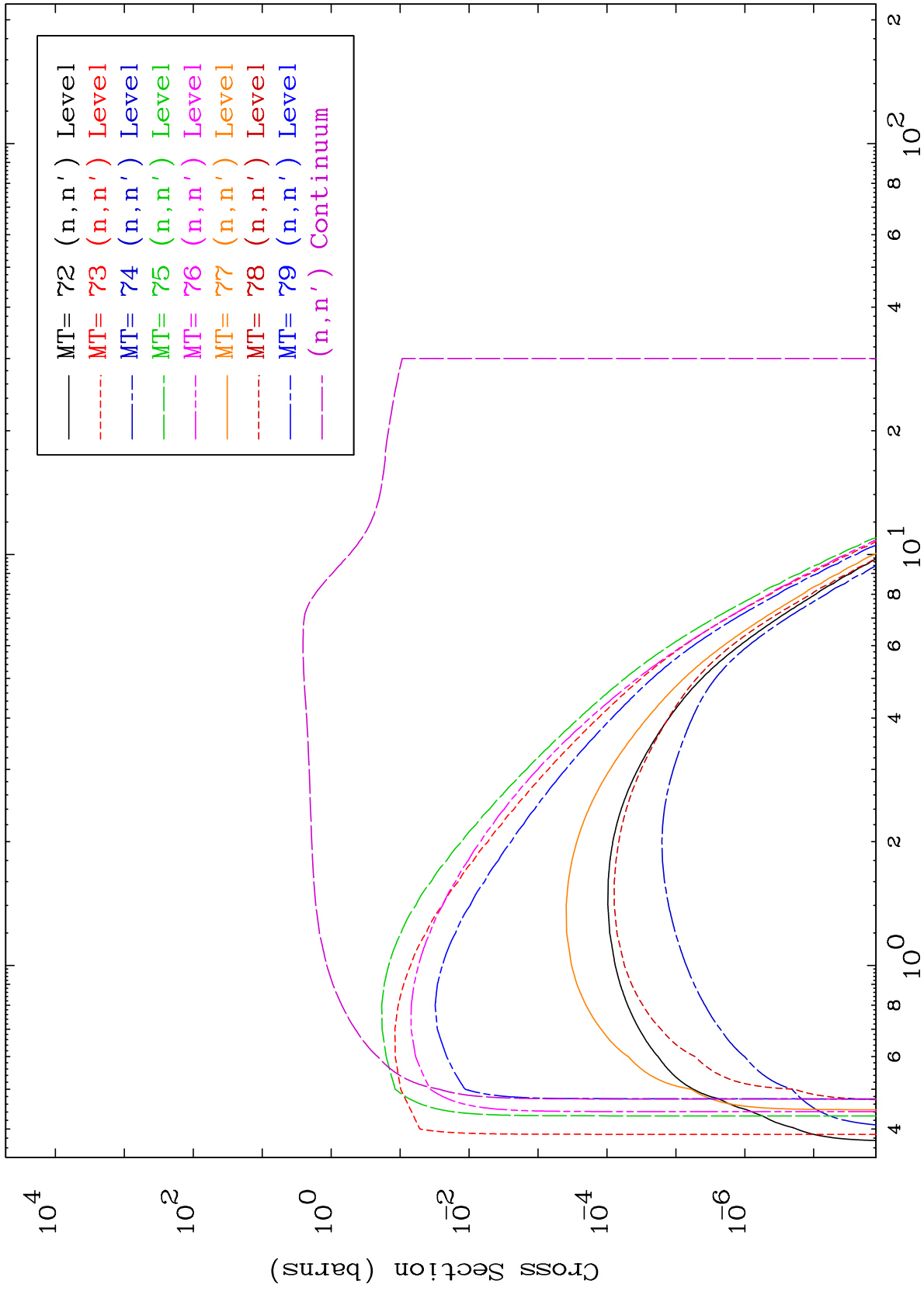
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,n') Level
293 Kelvin Cross Sections

73-Ta-180



9

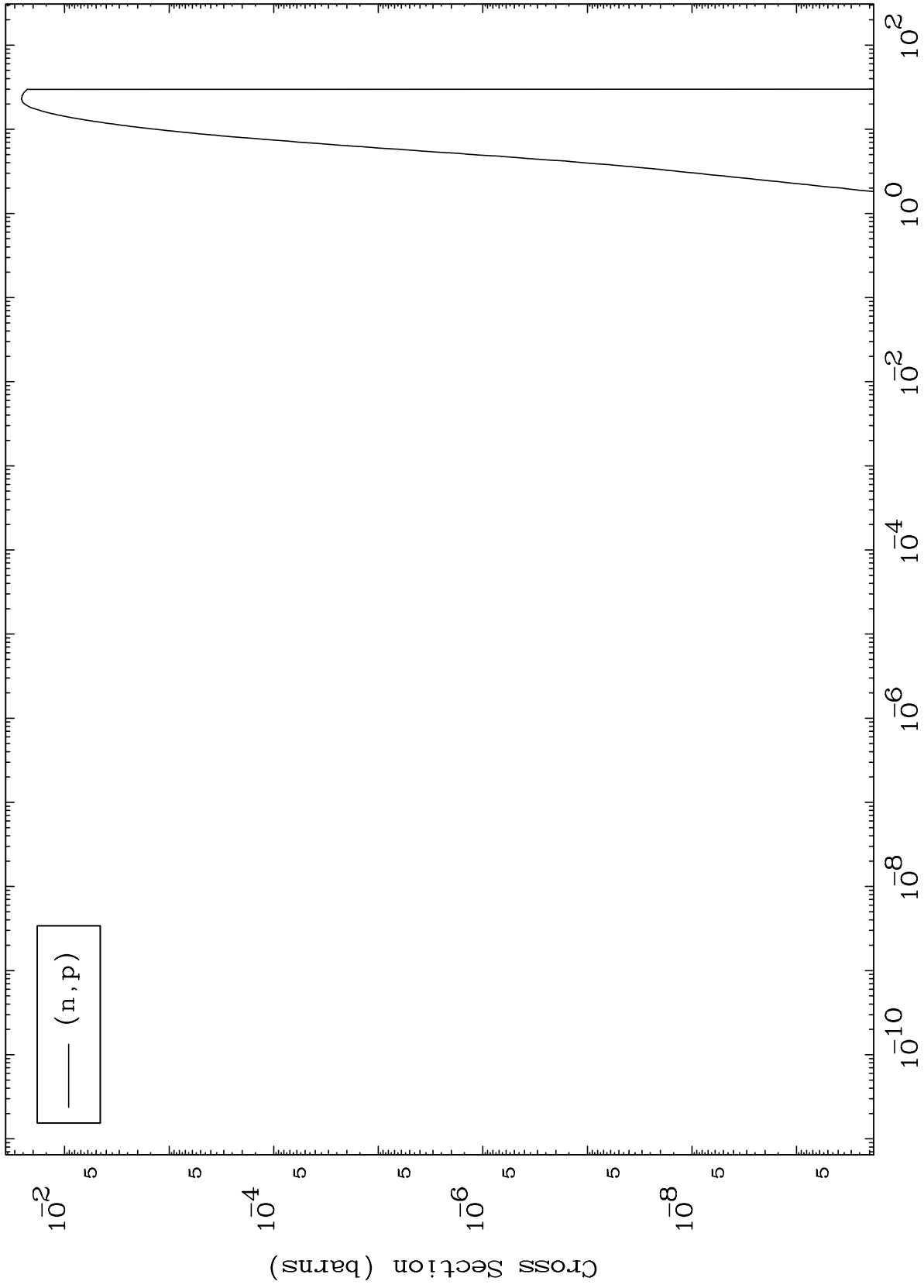
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-180



10

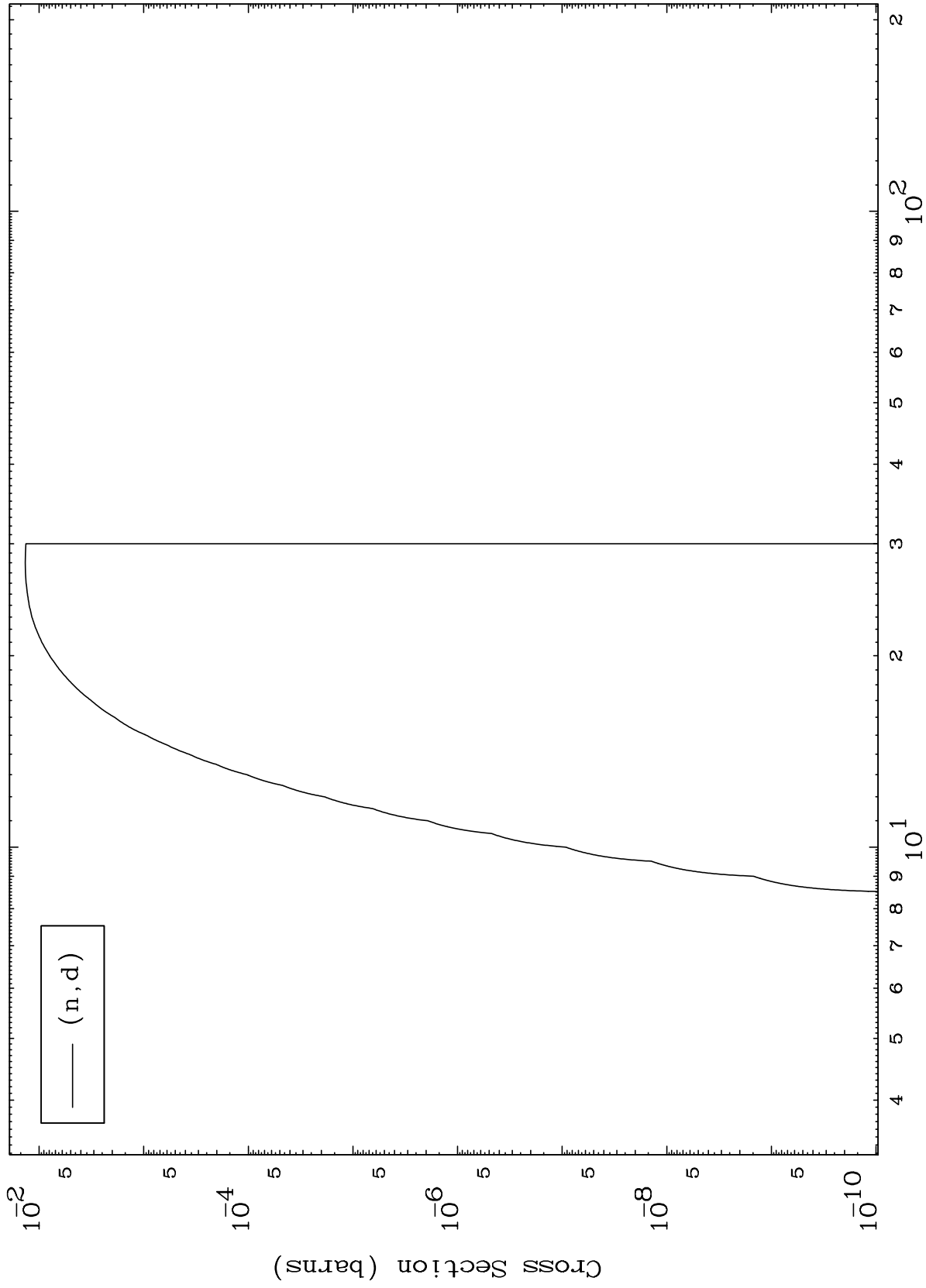
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-180



11

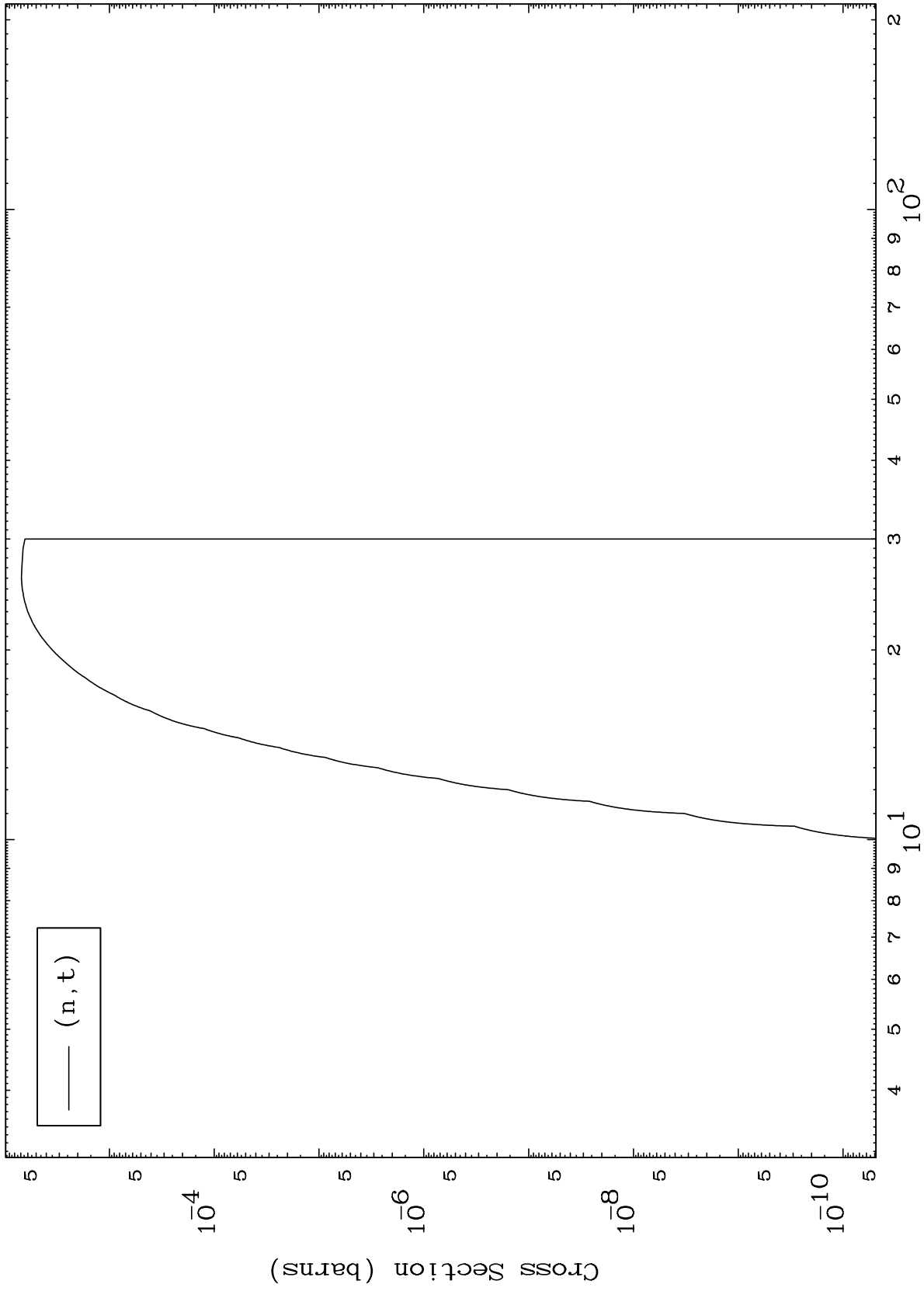
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-180



12

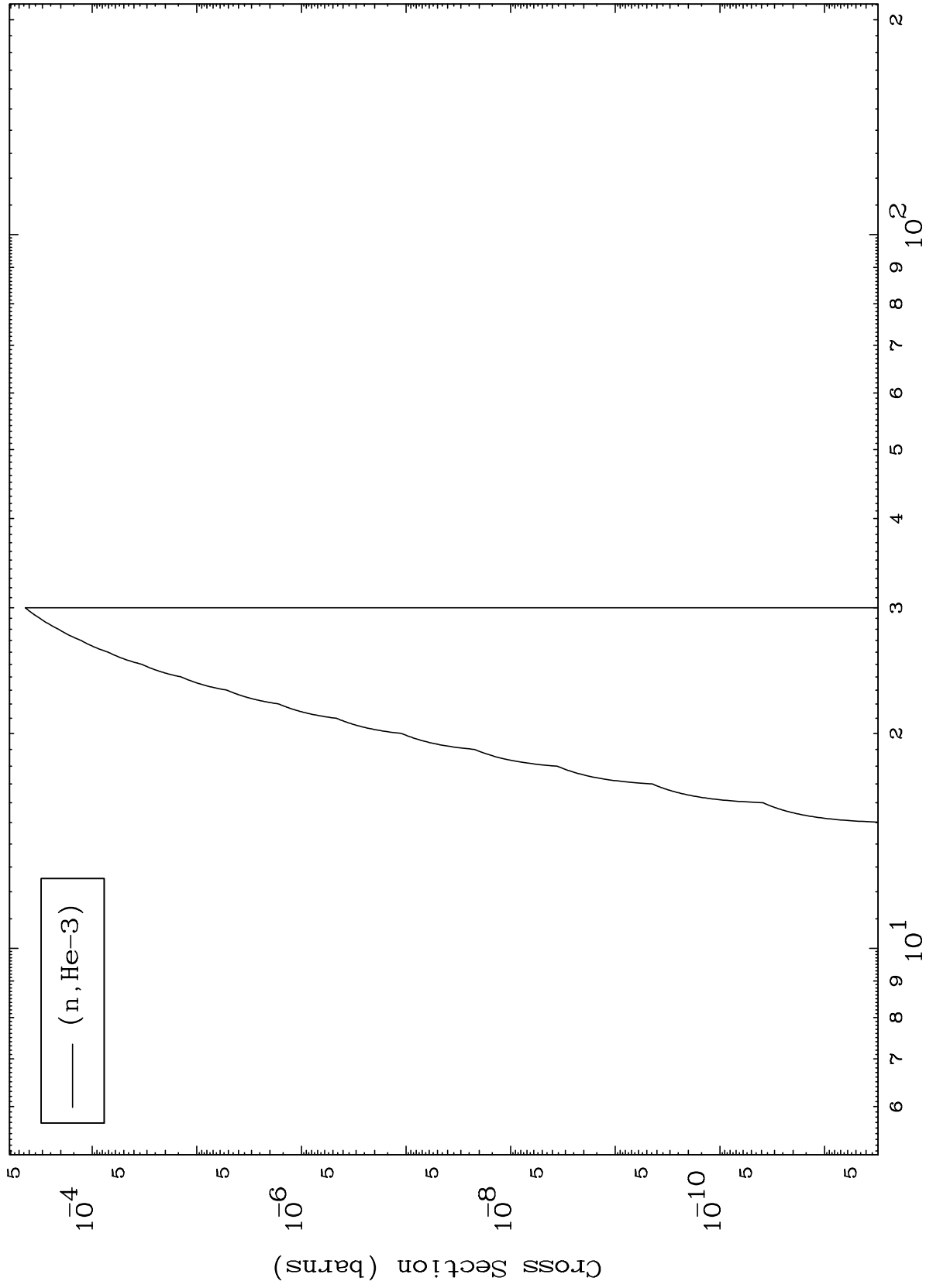
Incident Energy (MeV)

73-Ta-180

MAT 7326

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-180



13

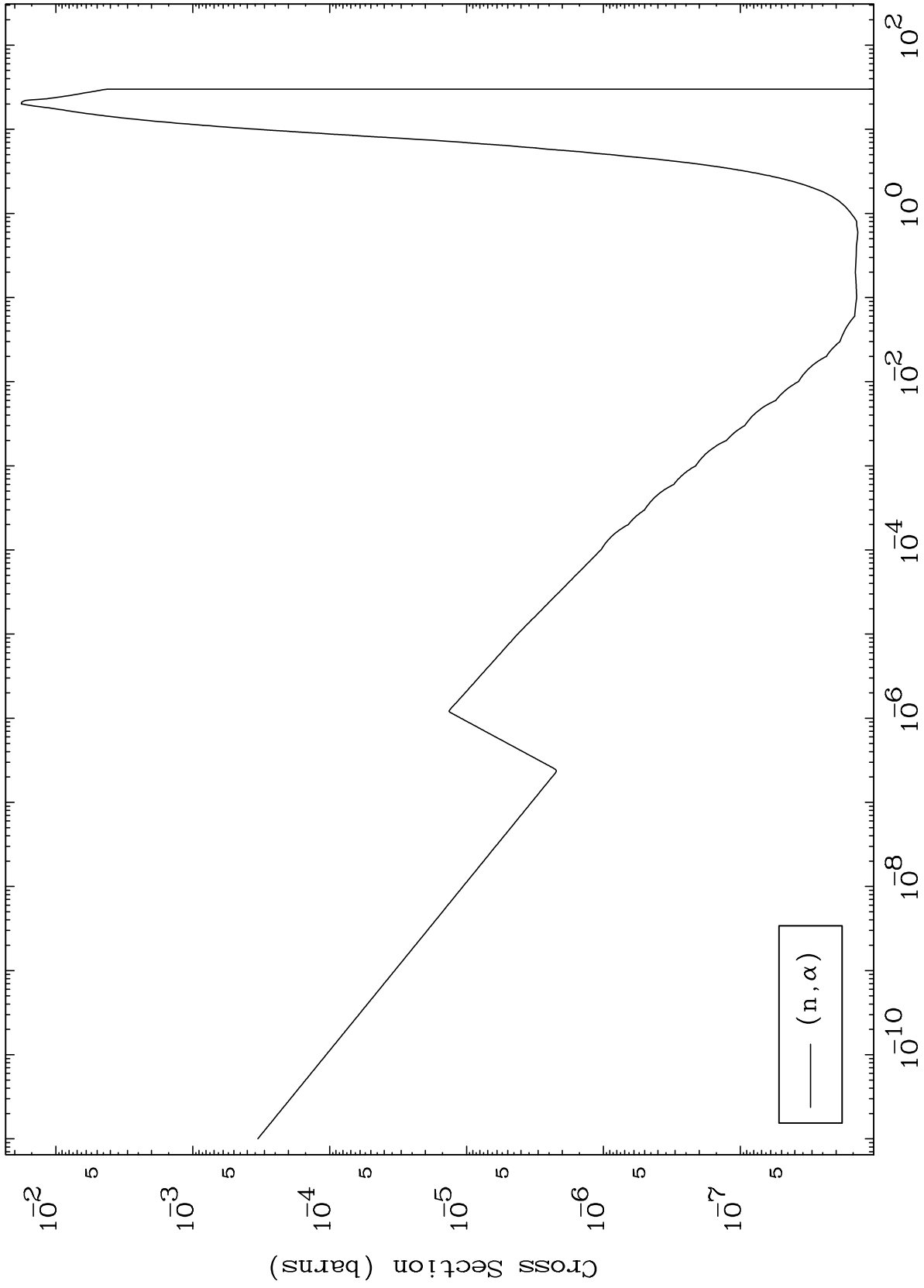
Incident Energy (MeV)

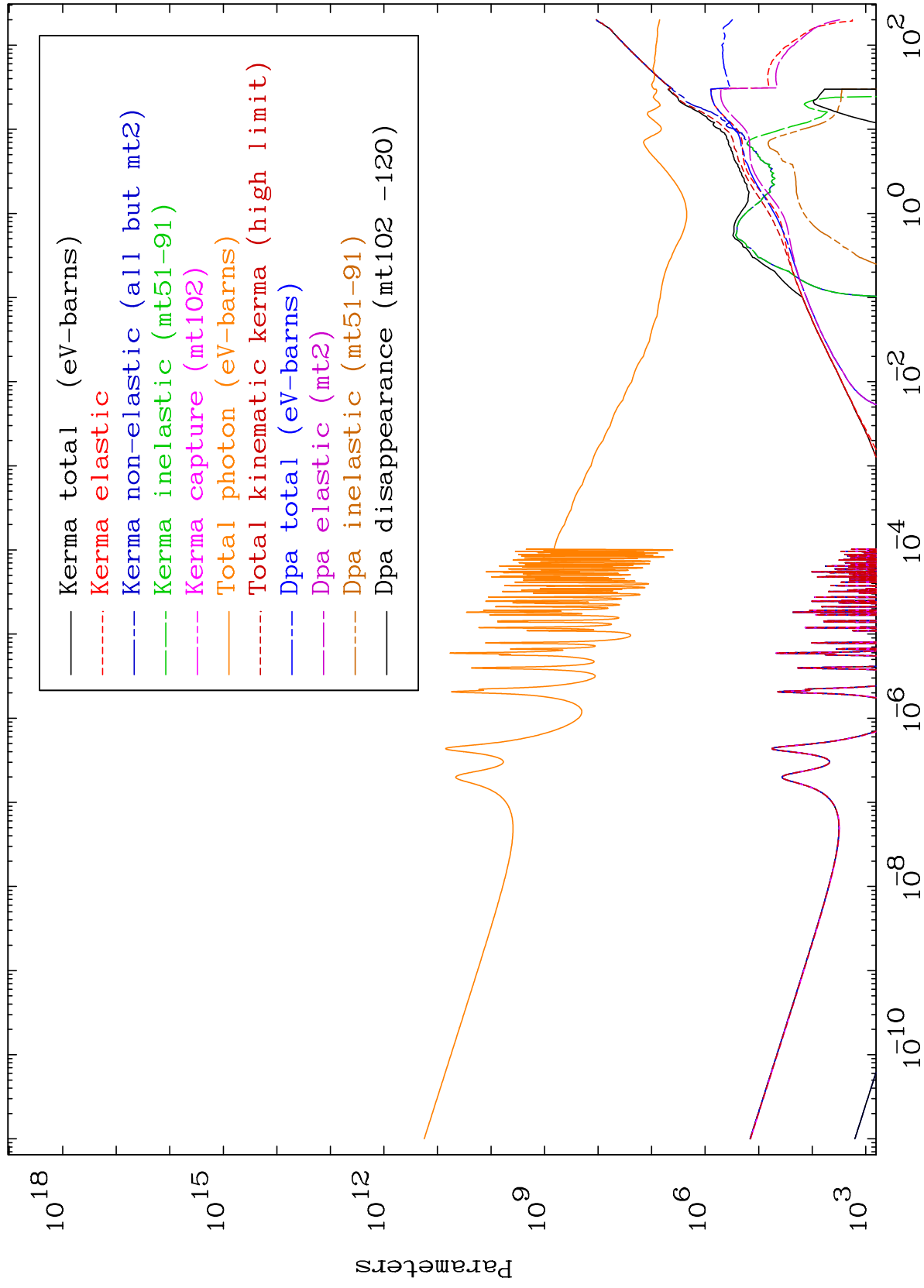
73-Ta-180

MAT 7326

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-180

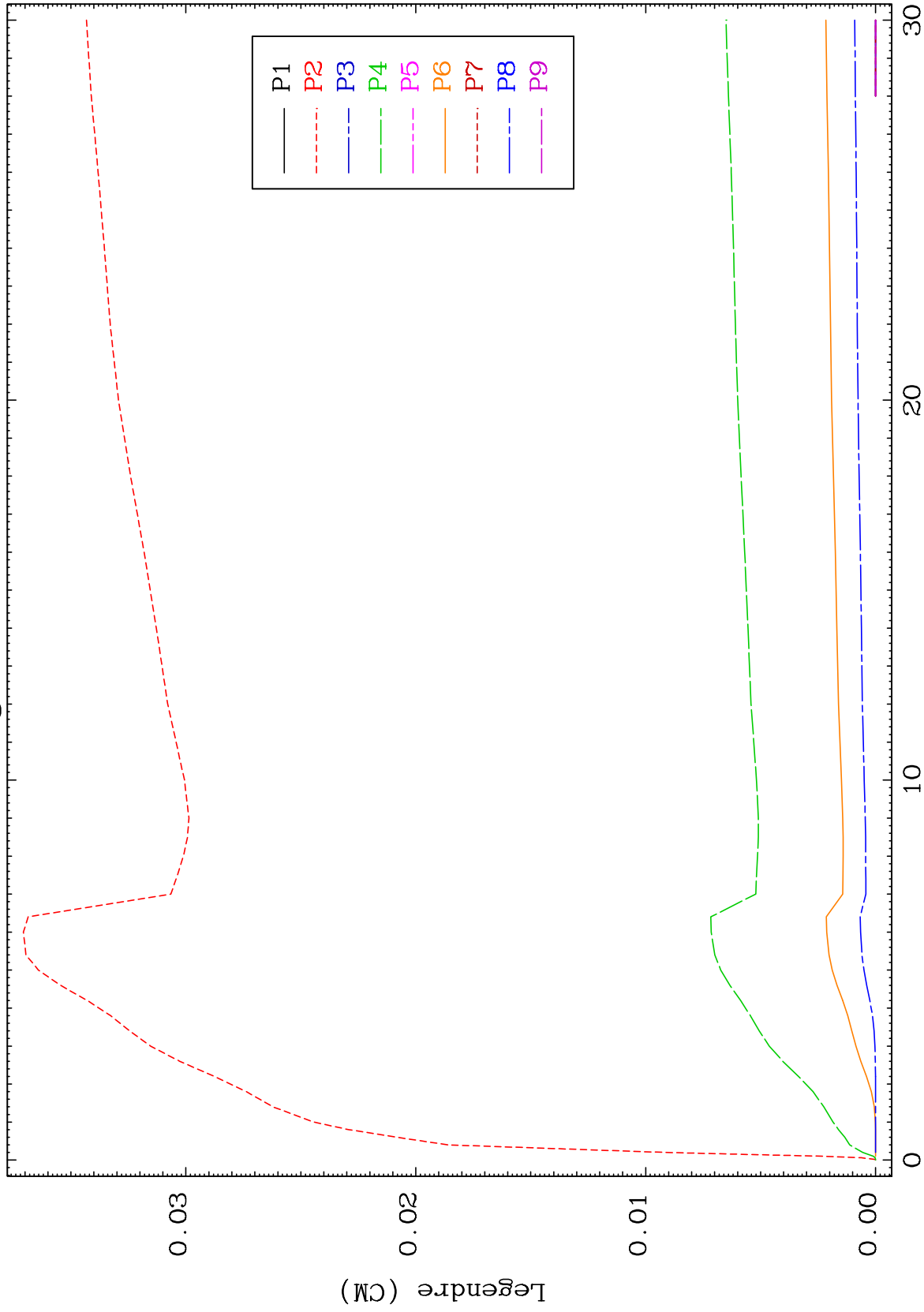




MAT 7326

Elastic Legendre Coefficients

73-Ta-180



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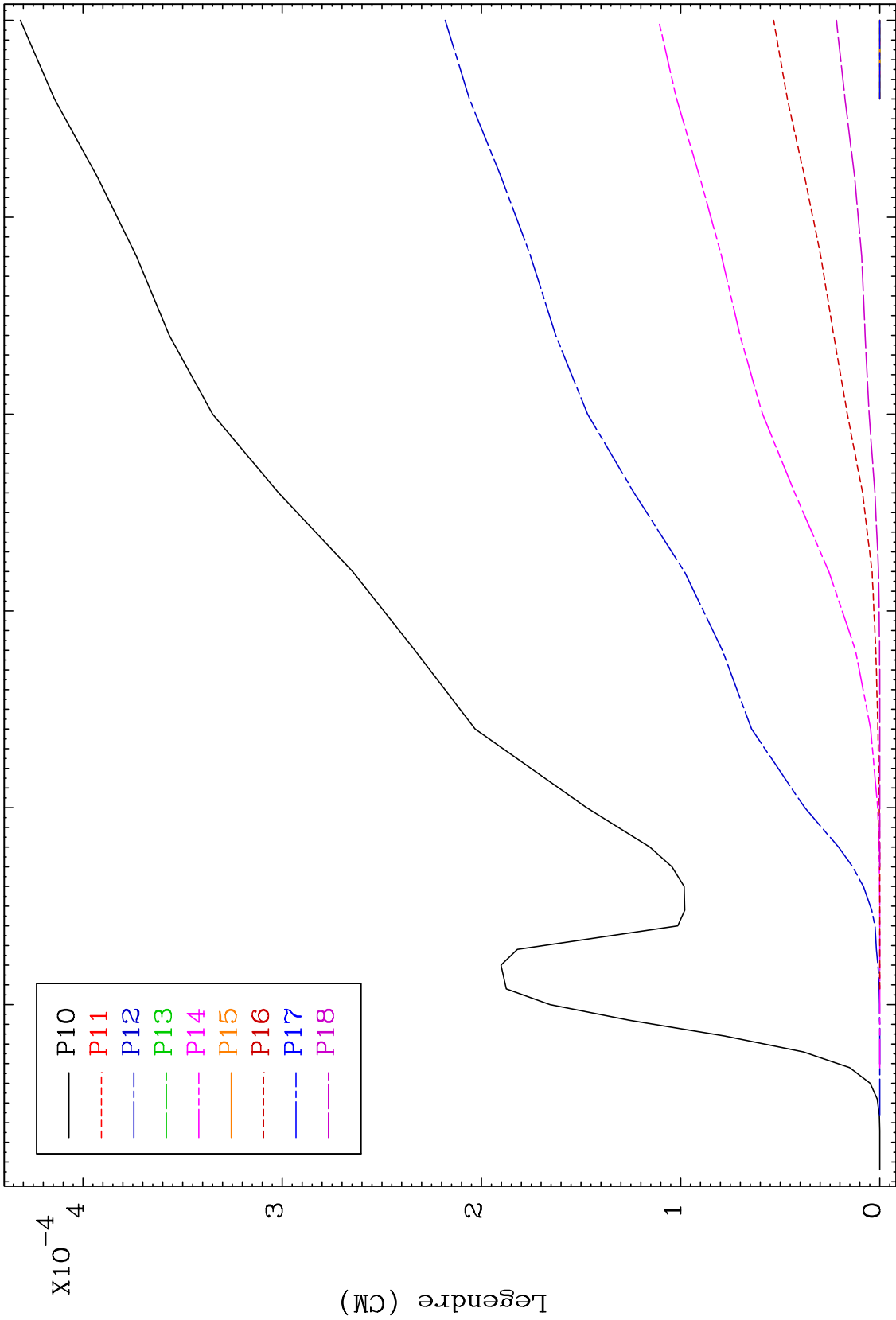
Incident Energy (MeV)

73-Ta-180

MAT 7326

Elastic Legendre Coefficients

73-Ta-180



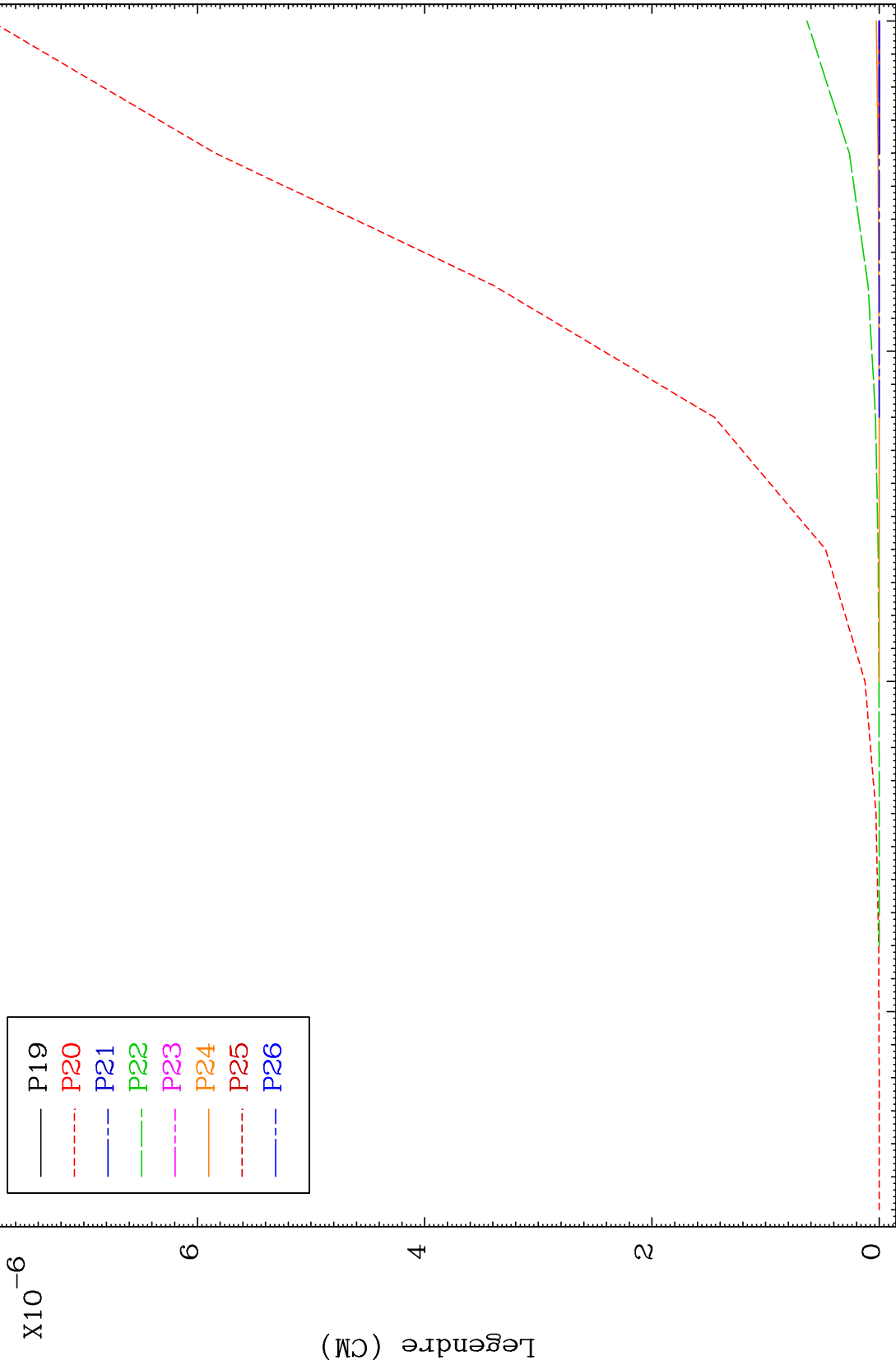
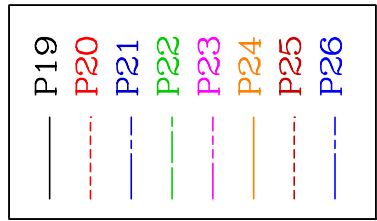
17

73-Ta-180

MAT 7326

Elastic Legendre Coefficients

73-Ta-180



18

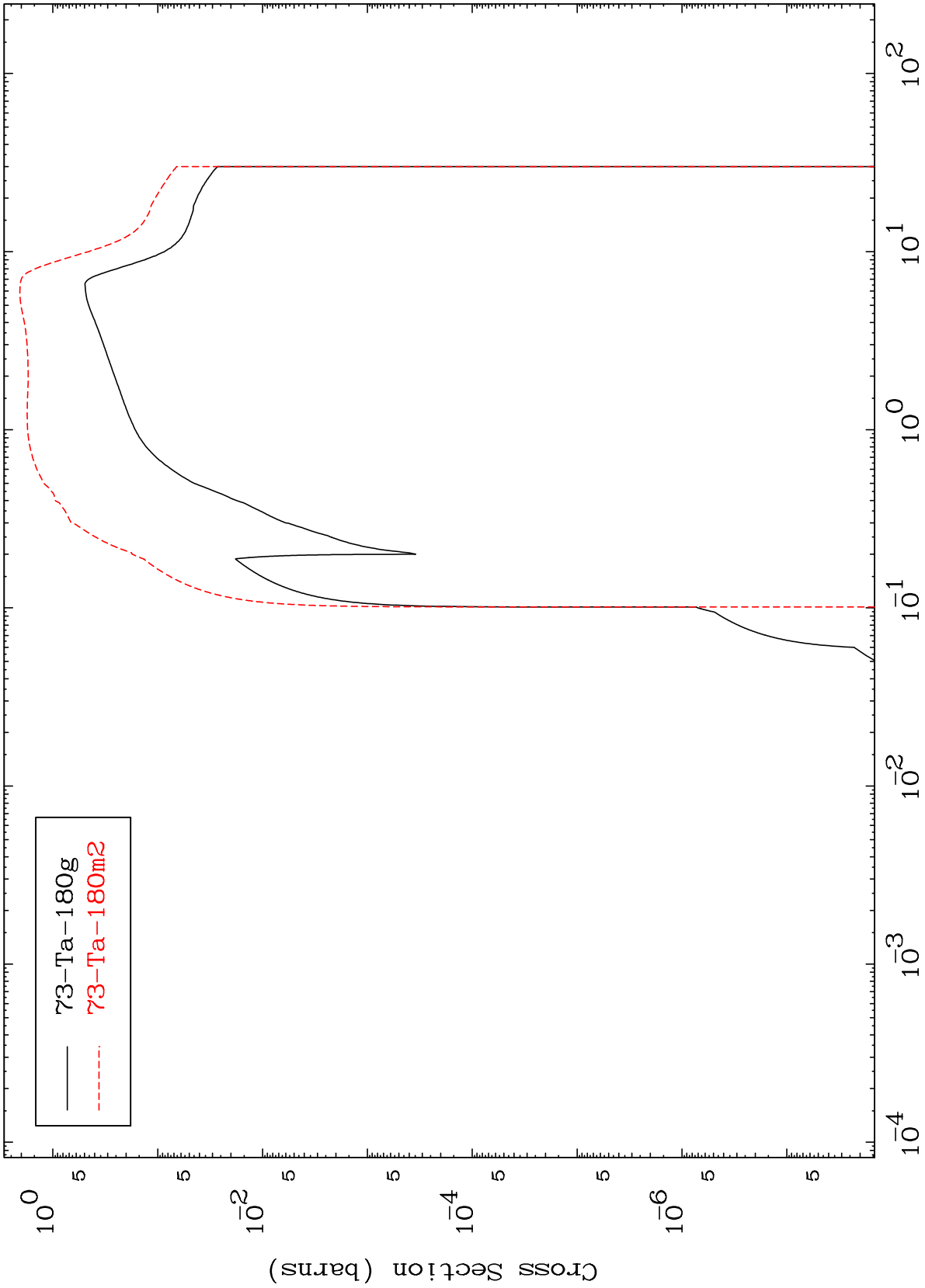
Incident Energy (MeV)

73-Ta-180

MAT 7326

⁷³Ta-180

Inelastic
Radionuclide Production Cross Section



— ⁷³Ta-180g
- - - ⁷³Ta-180m2

⁷³Ta-180

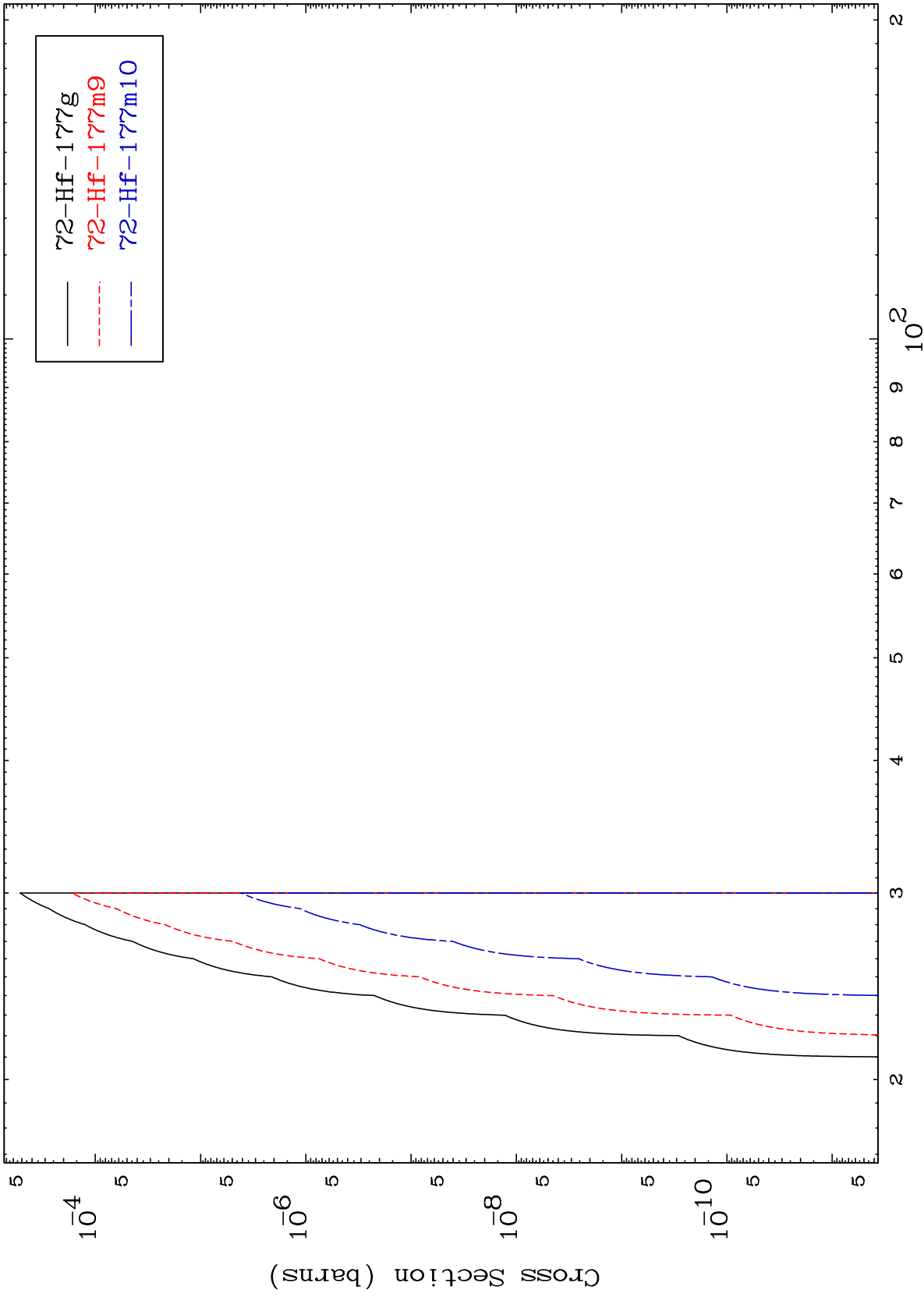
Incident Energy (MeV)

MAT 7326

(n,2n) d

73-Ta-180

Radionuclide Production Cross Section



20

Incident Energy (MeV)

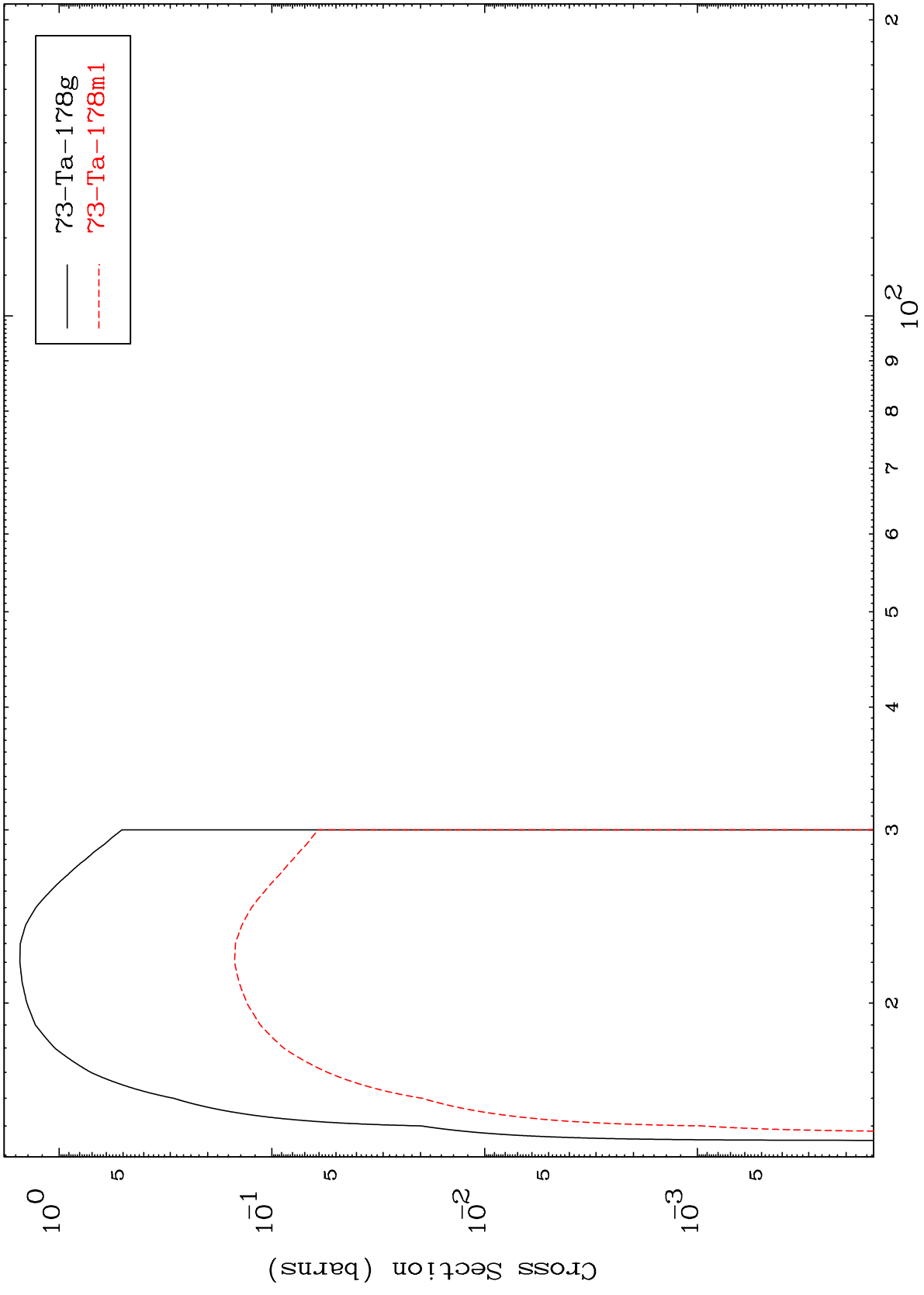
73-Ta-180

MAT 7326

(n,3n)

⁷³Ta-180

Radionuclide Production Cross Section



— ⁷³Ta-178g
- - - ⁷³Ta-178m1

21

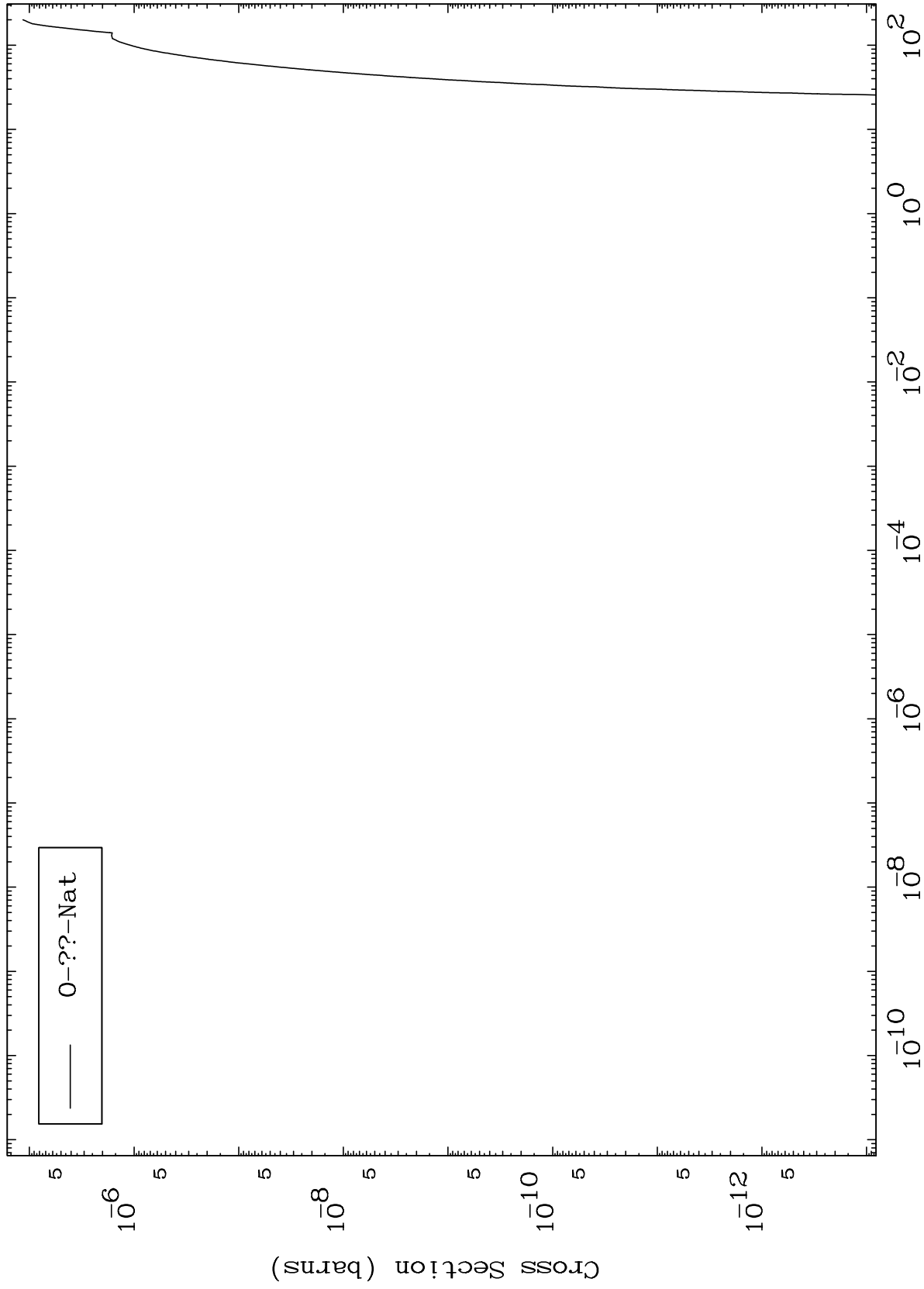
Incident Energy (MeV)

⁷³Ta-180

MAT 7326

Fission
Radionuclide Production Cross Section

⁷³Ta-180



22

Incident Energy (MeV)

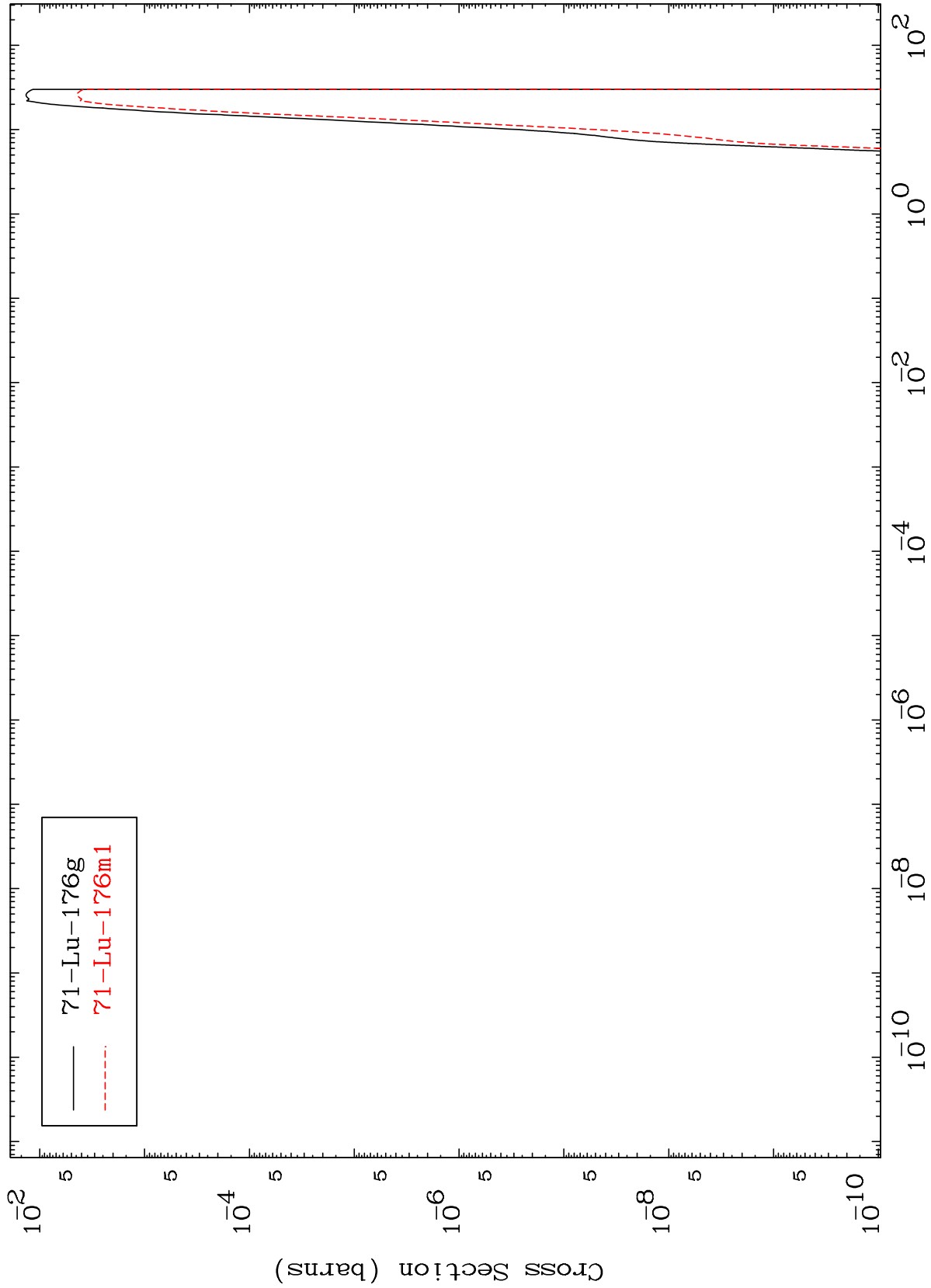
⁷³Ta-180

MAT 7326

(n,n') α

⁷³Ta-180

Radionuclide Production Cross Section



23

Incident Energy (MeV)

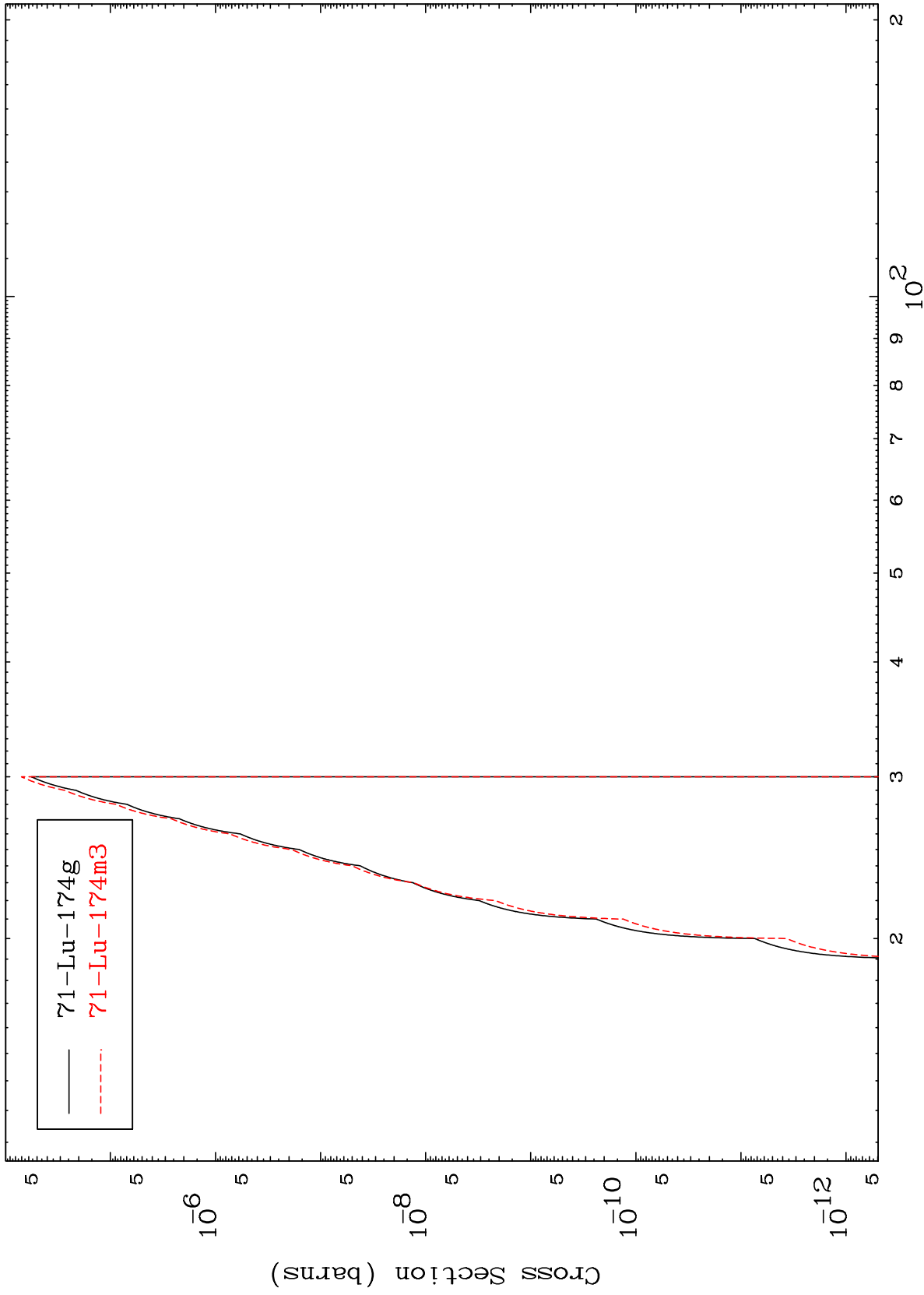
⁷³Ta-180

MAT 7326

(n,3n) α

⁷³Ta-180

Radionuclide Production Cross Section



24

Incident Energy (MeV)

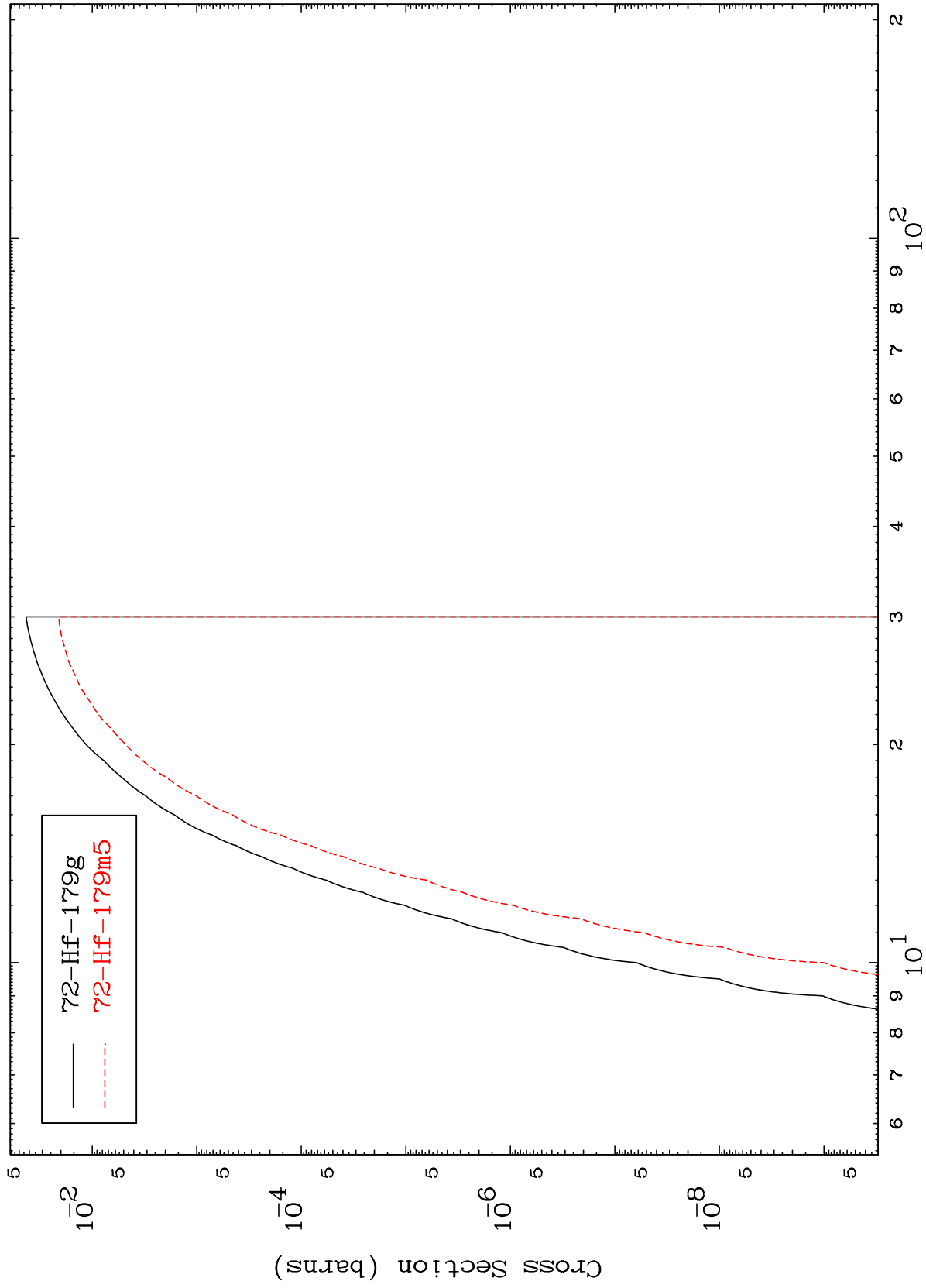
⁷³Ta-180

MAT 7326

(n,n') p

⁷³Ta-180

Radionuclide Production Cross Section



25

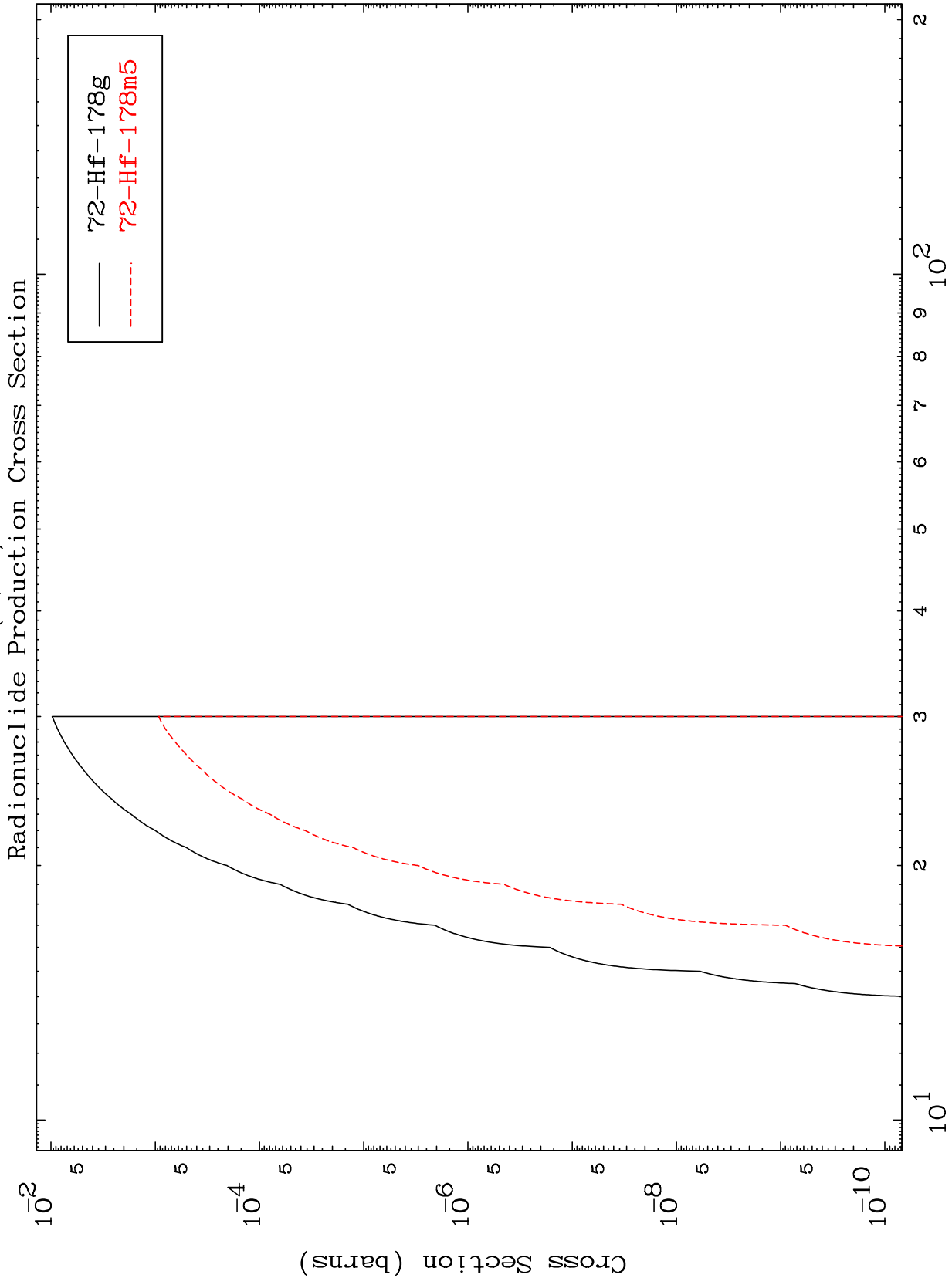
Incident Energy (MeV)

⁷³Ta-180

MAT 7326

(n,n') d

73-Ta-180



26

Incident Energy (MeV)

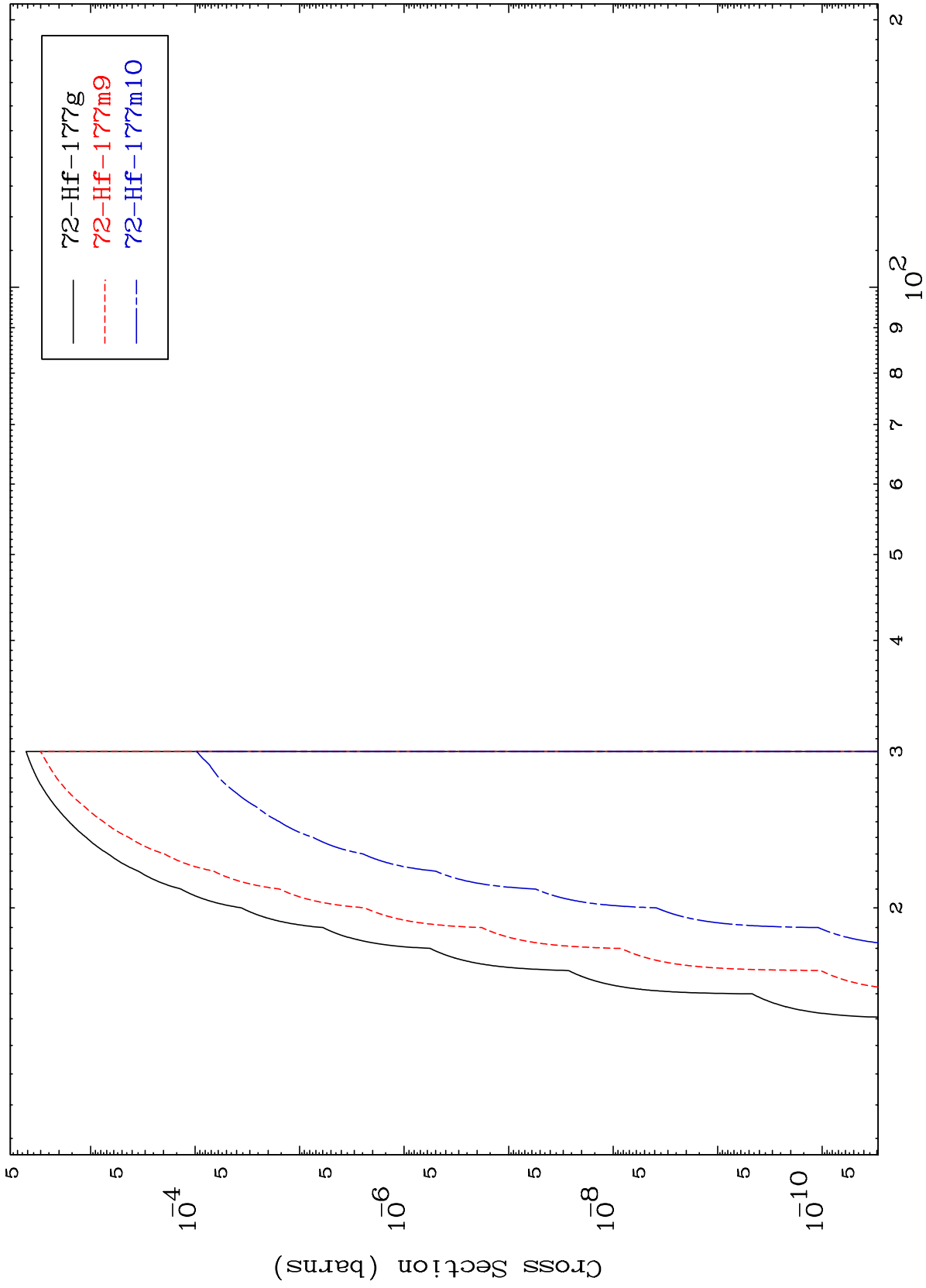
73-Ta-180

MAT 7326

(n,n') t

73-Ta-180

Radionuclide Production Cross Section



27

Incident Energy (MeV)

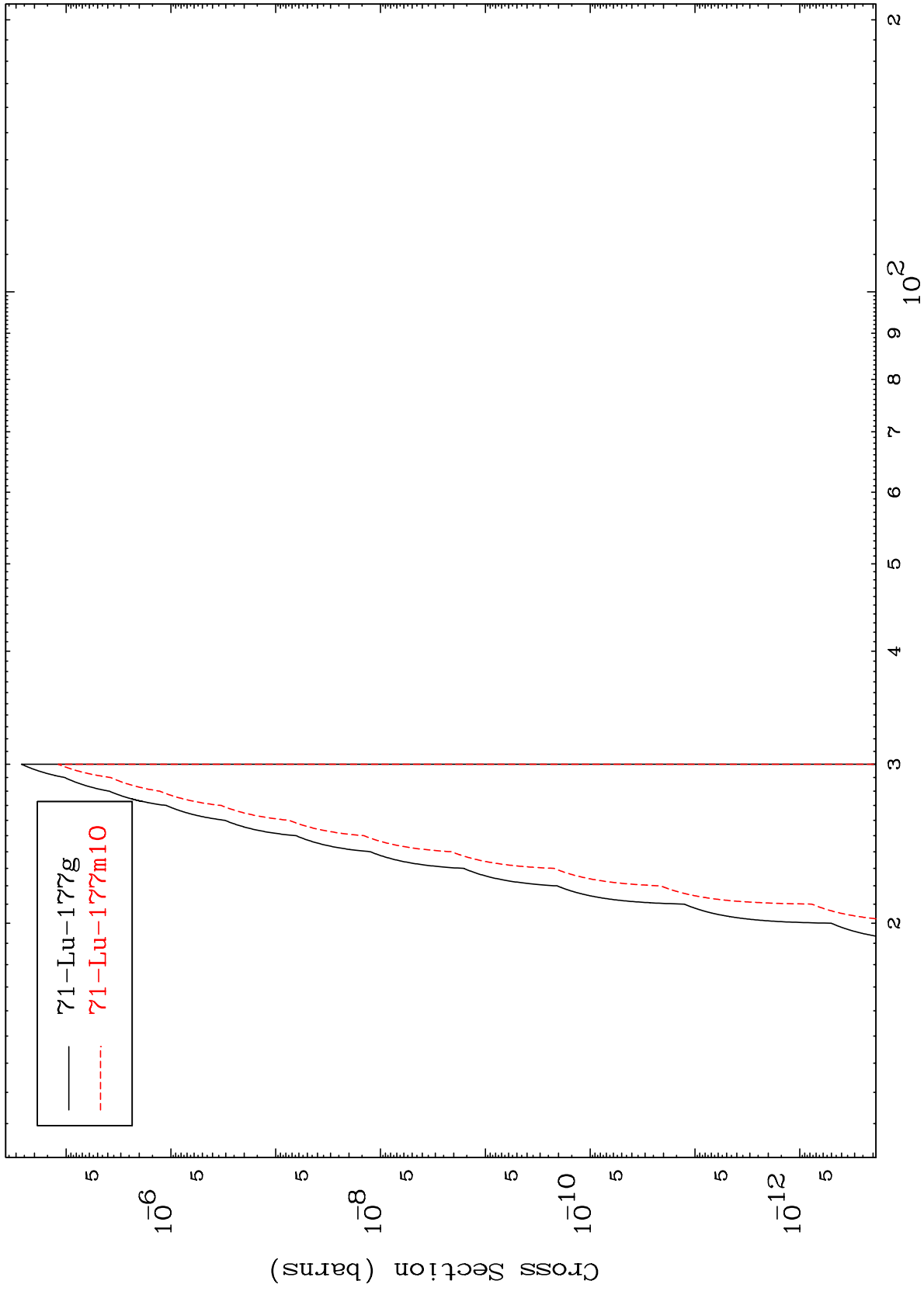
73-Ta-180

MAT 7326

(n, n') He-3

73-Ta-180

Radionuclide Production Cross Section



28

Incident Energy (MeV)

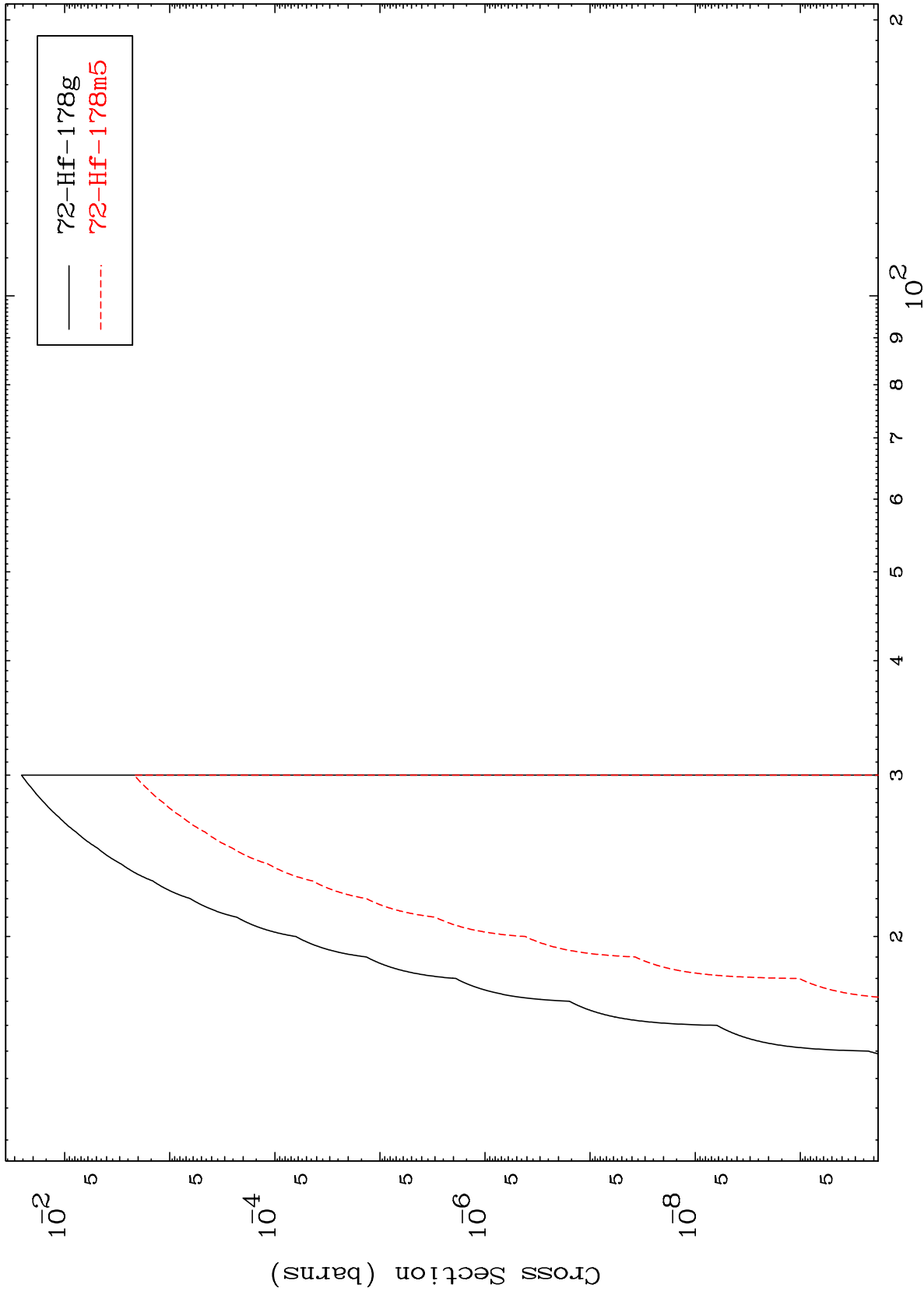
73-Ta-180

MAT 7326

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



29

Incident Energy (MeV)

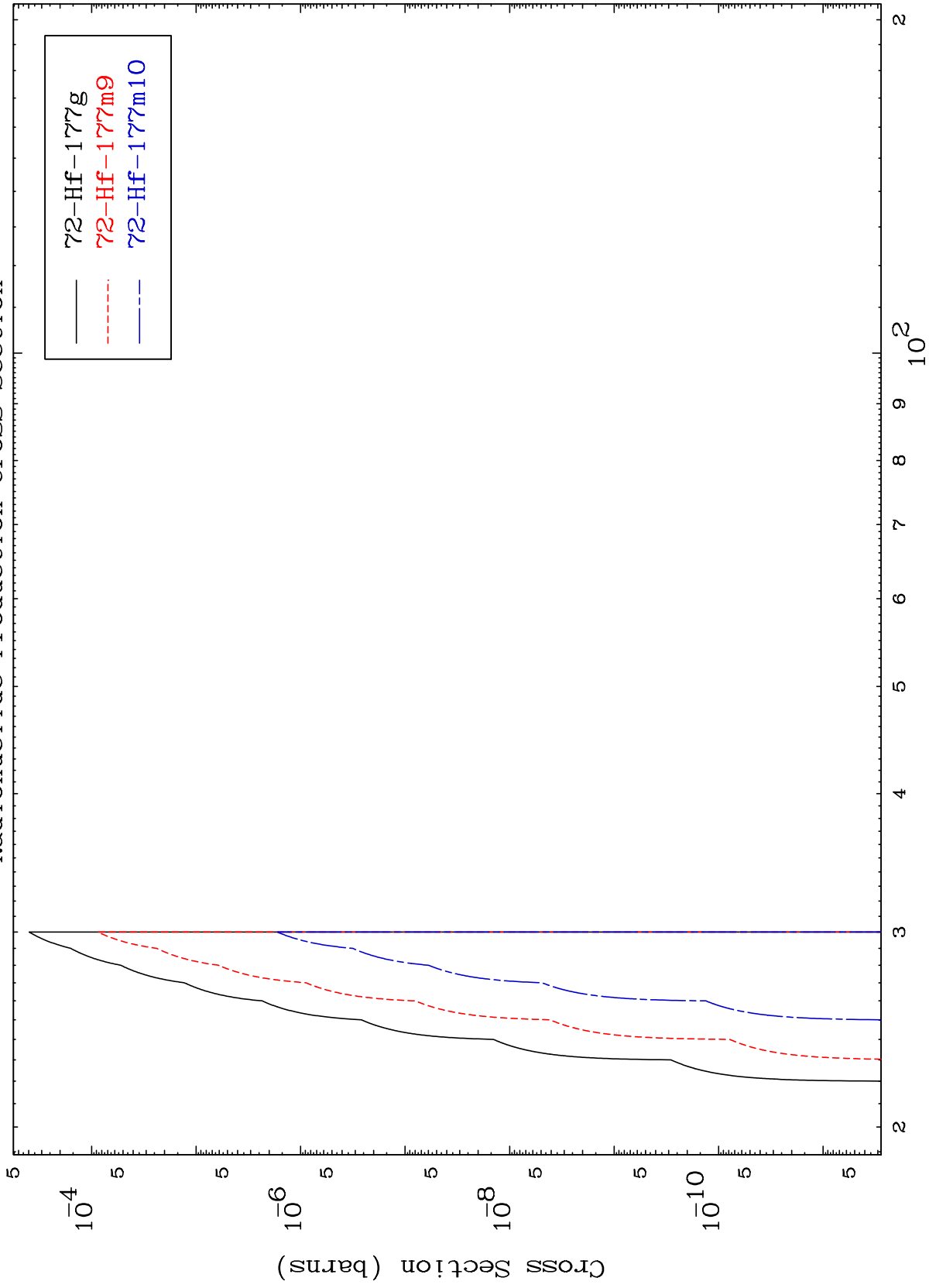
73-Ta-180

MAT 7326

(n,3n) p

73-Ta-180

Radionuclide Production Cross Section



30

Incident Energy (MeV)

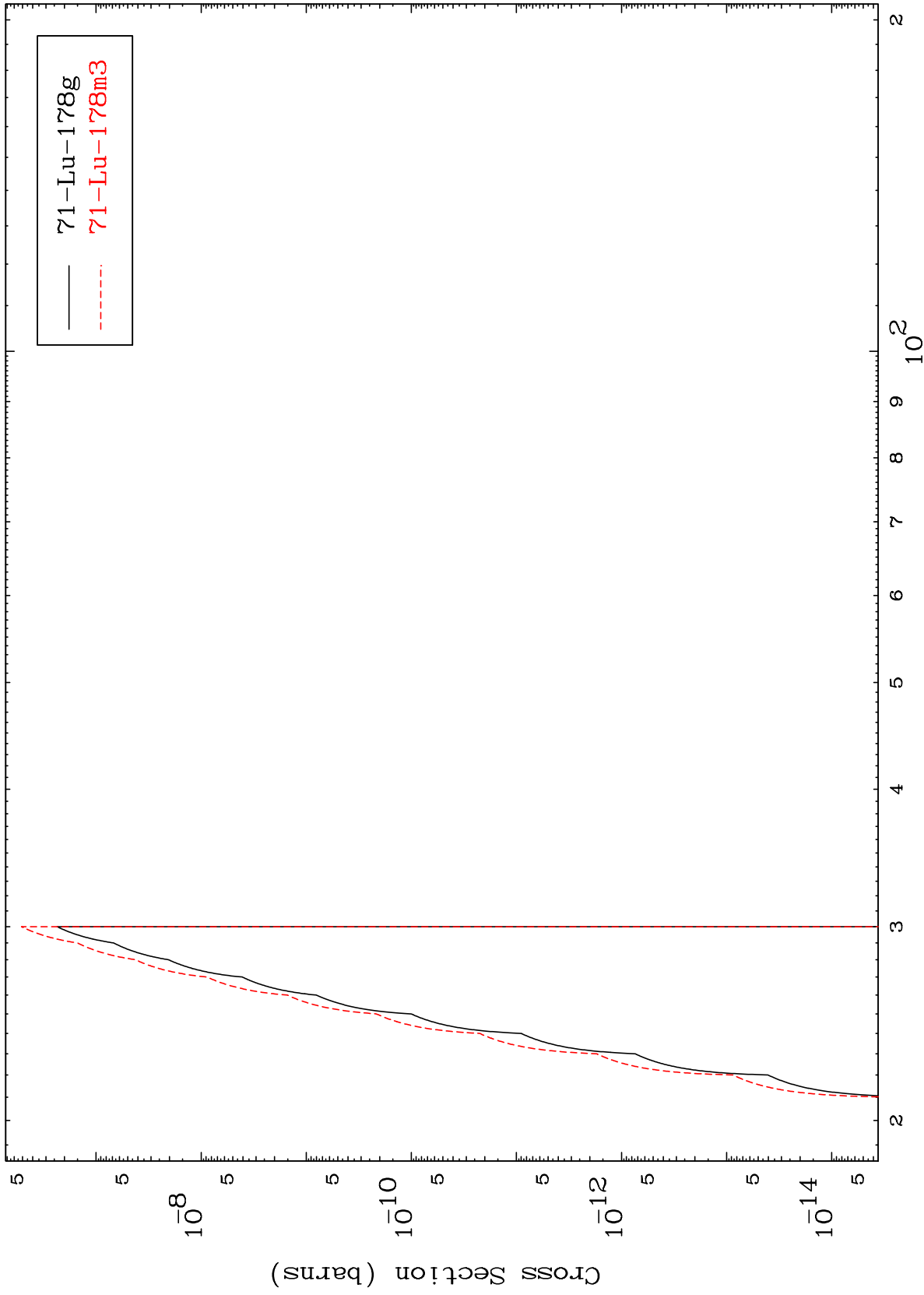
73-Ta-180

MAT 7326

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



31

Incident Energy (MeV)

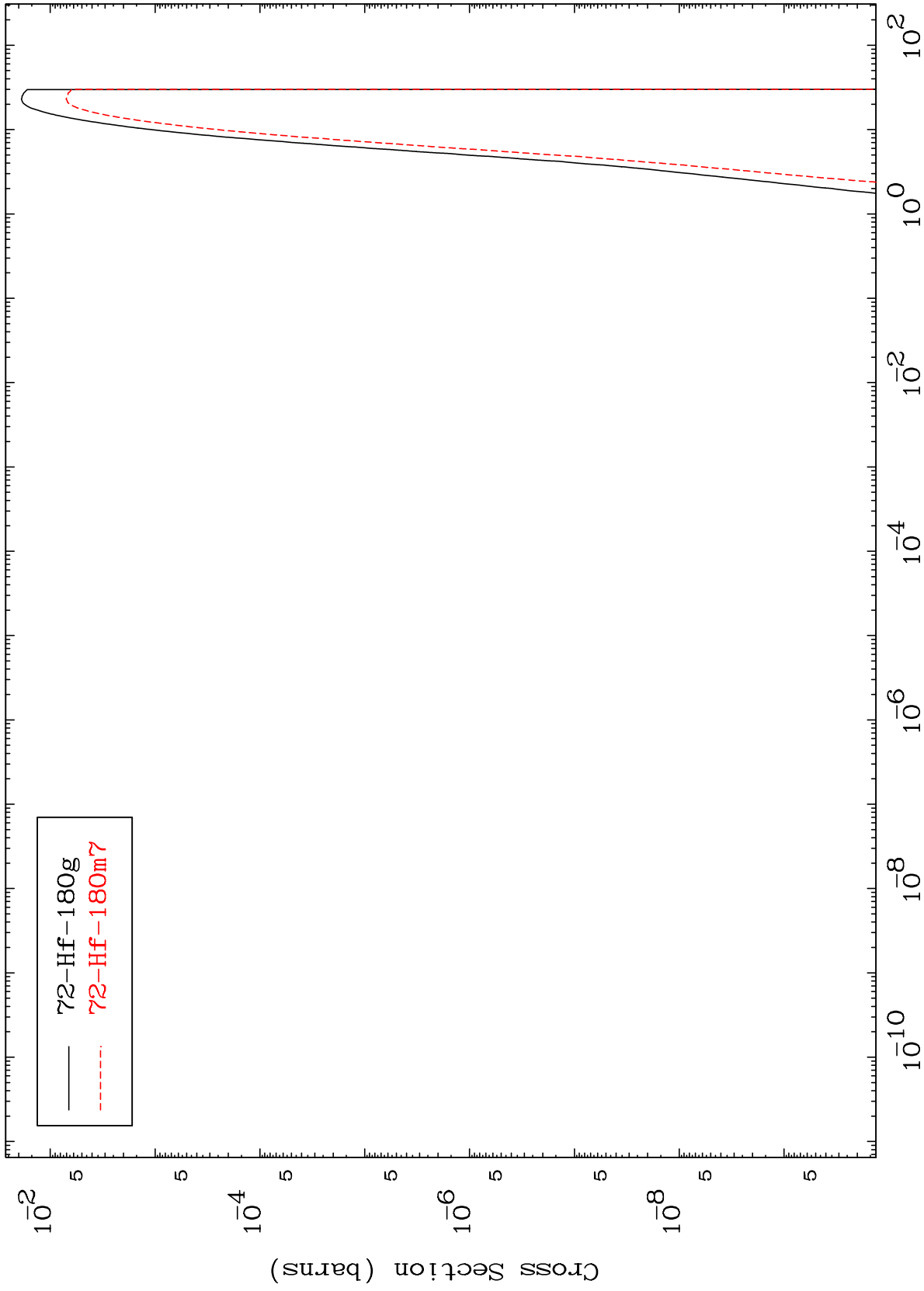
73-Ta-180

MAT 7326

(n,p)

⁷³Ta-180

Radionuclide Production Cross Section



32

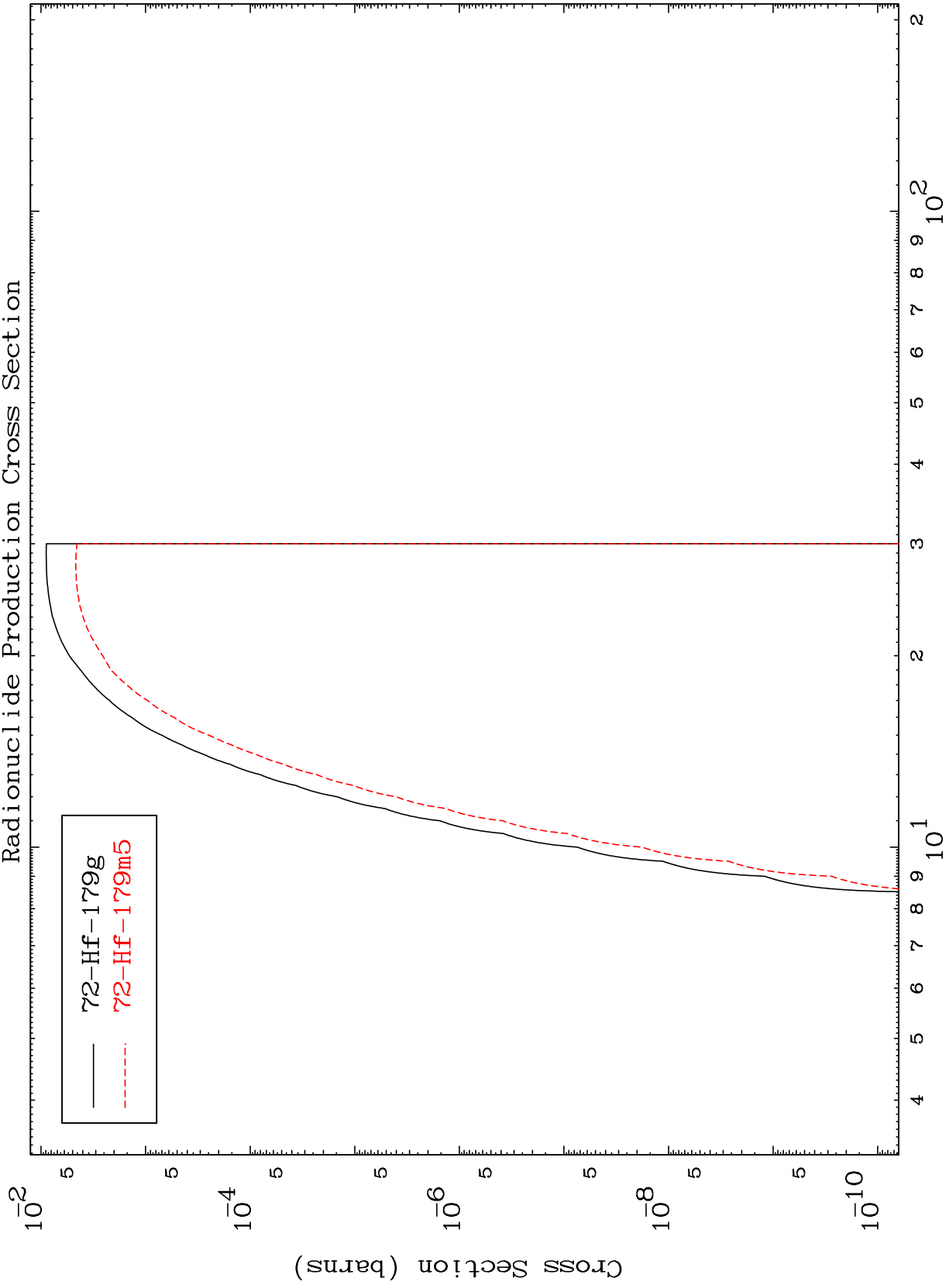
Incident Energy (MeV)

⁷³Ta-180

MAT 7326

Radionuclide Production Cross Section
(n,d)

⁷³Ta-180

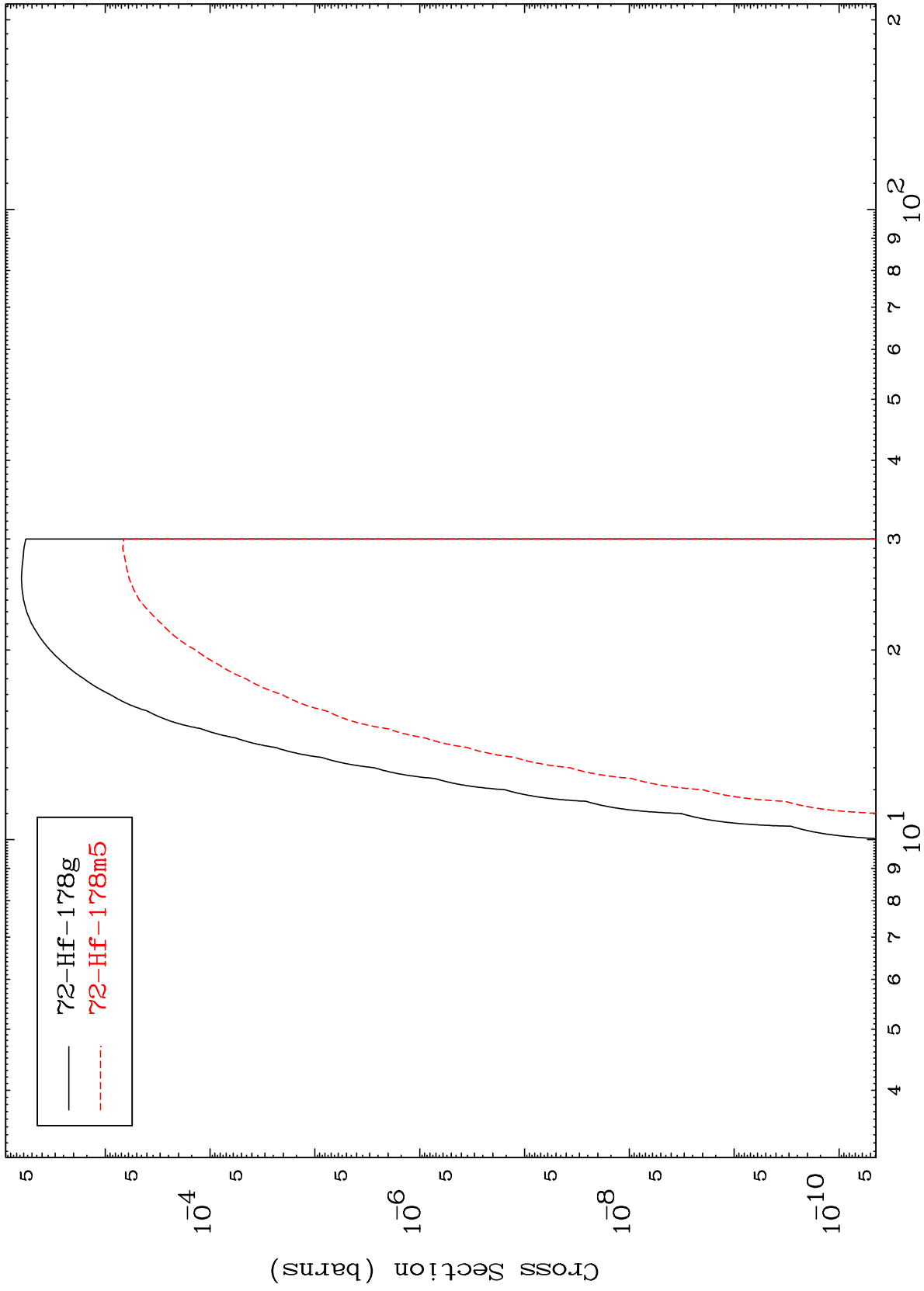


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MAT 7326

73-Ta-180

Radionuclide Production Cross Section



34

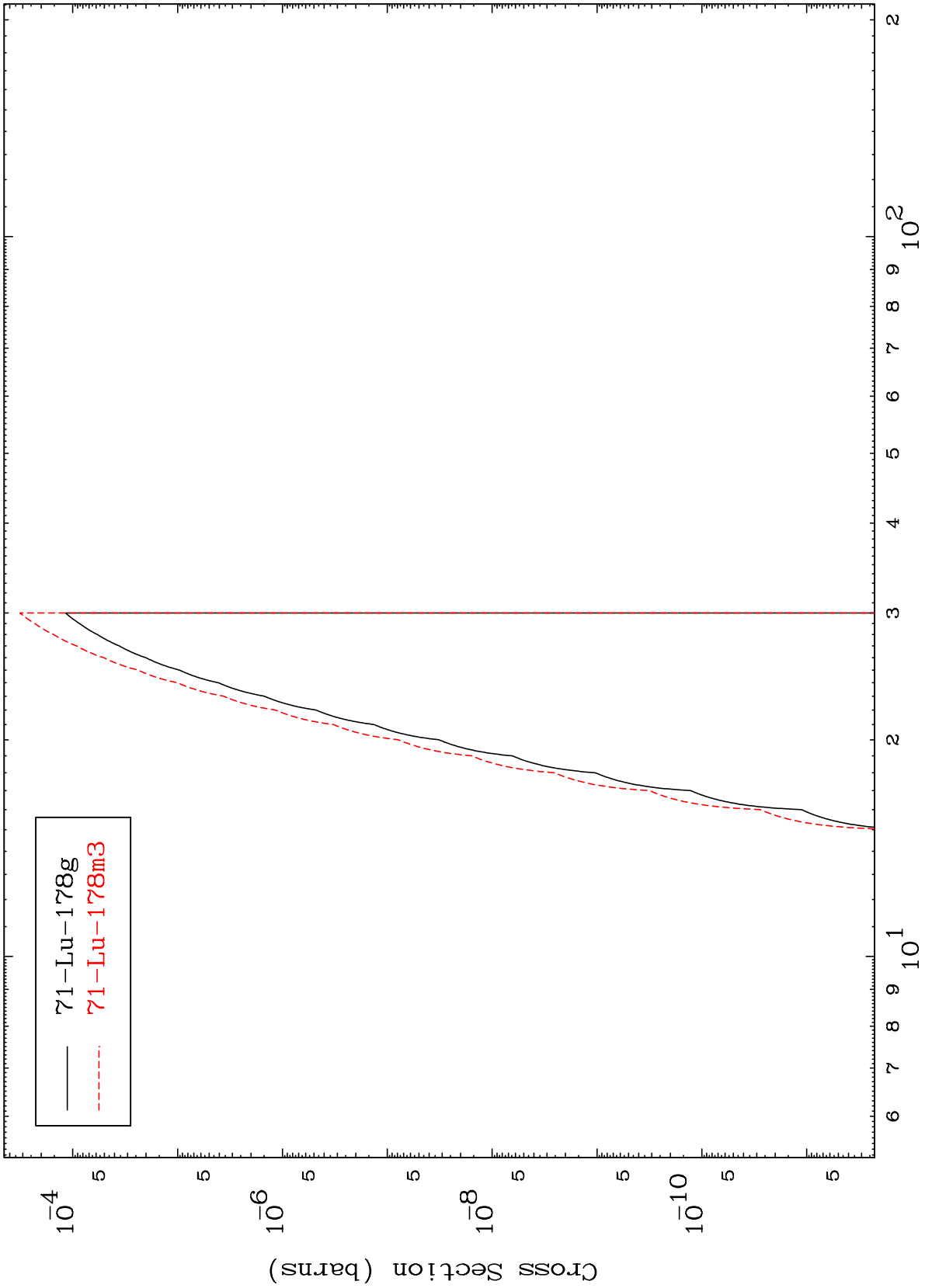
73-Ta-180

MAT 7326

(n, He-3)

73-Ta-180

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

35

Incident Energy (MeV)

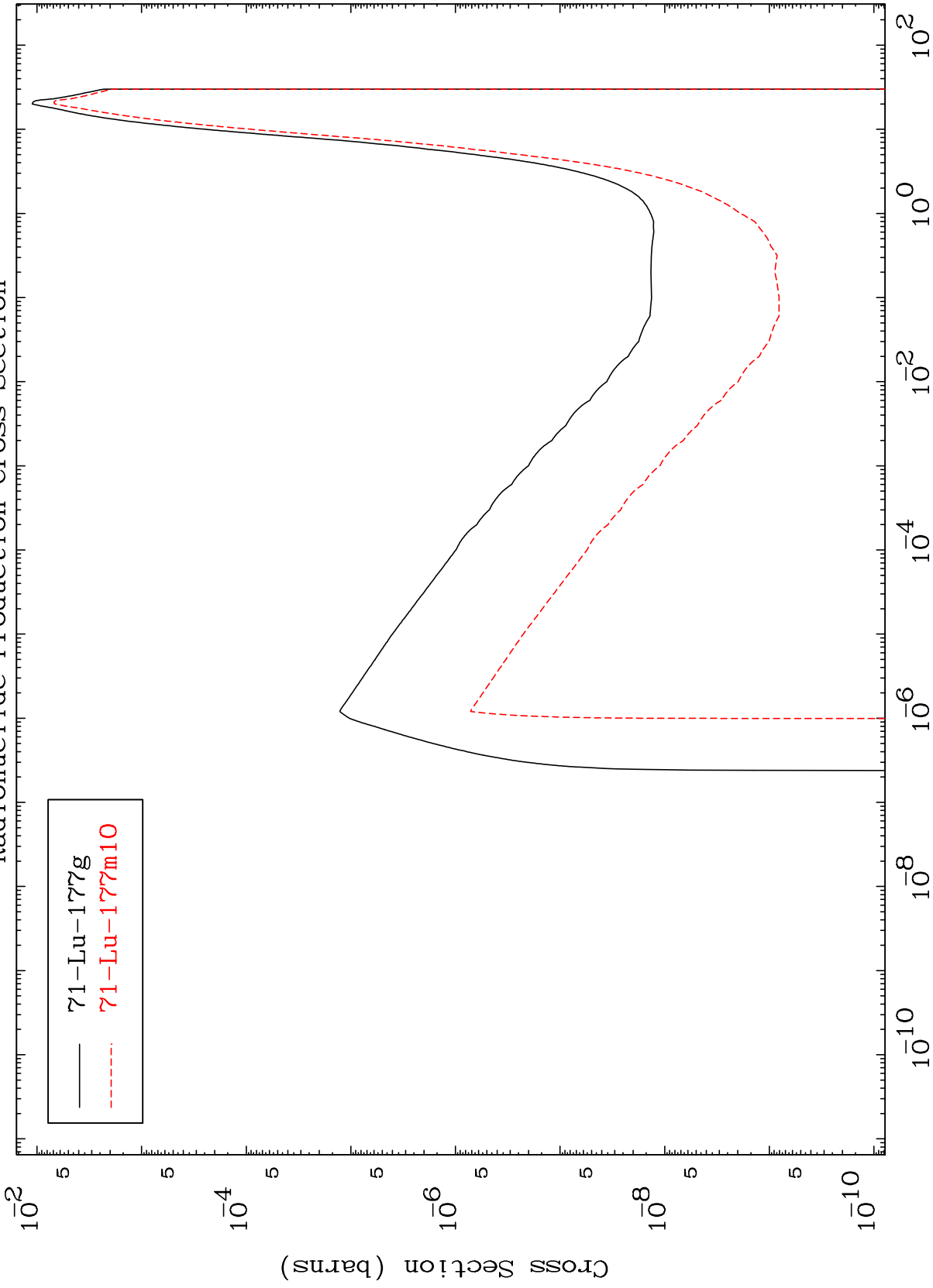
73-Ta-180

MAT 7326

(n, α)

⁷³Ta-180

Radionuclide Production Cross Section



36

Incident Energy (MeV)

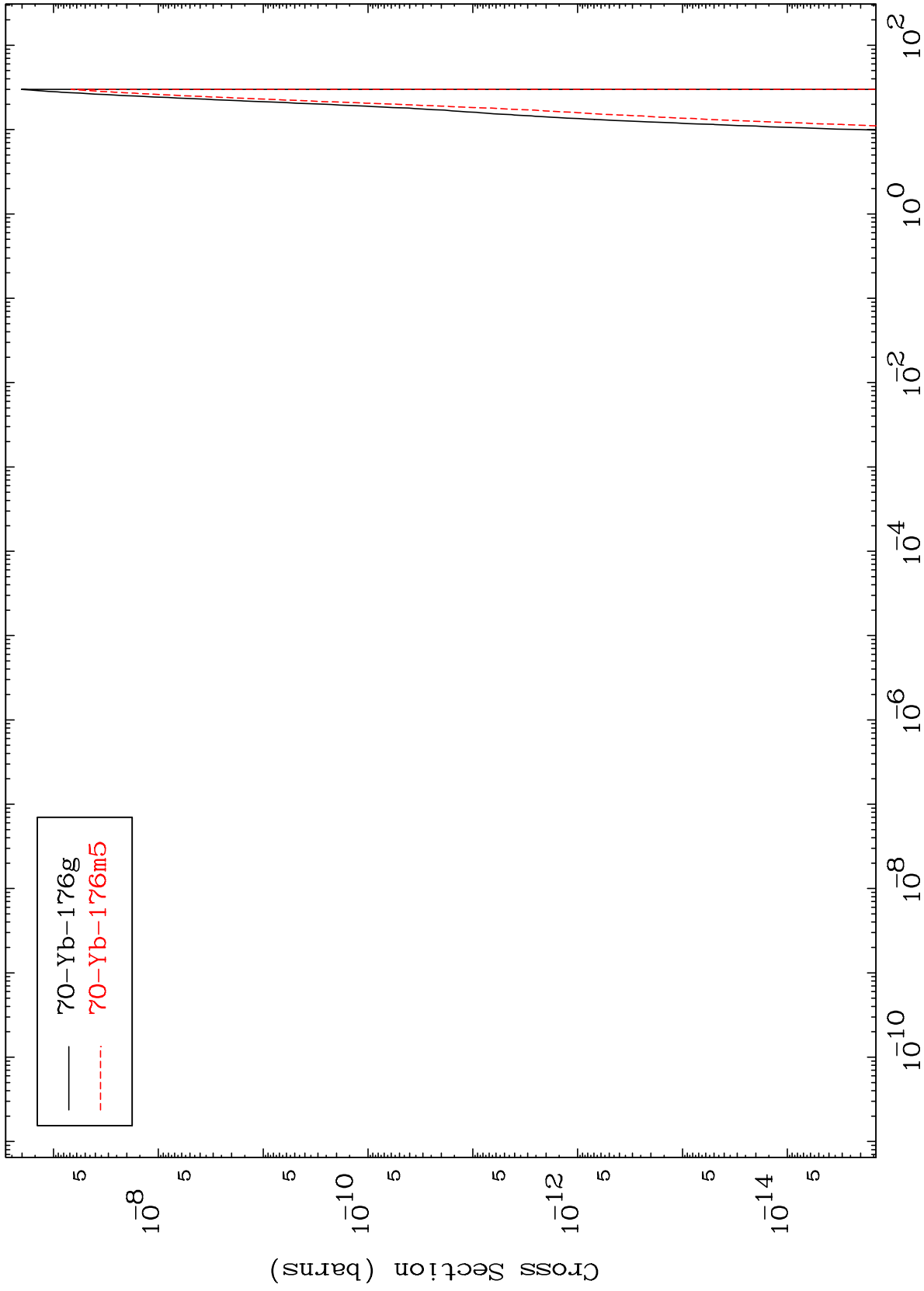
⁷³Ta-180

MAT 7326

(n,p) α

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

Radionuclide Production Cross Section



37

Incident Energy (MeV)

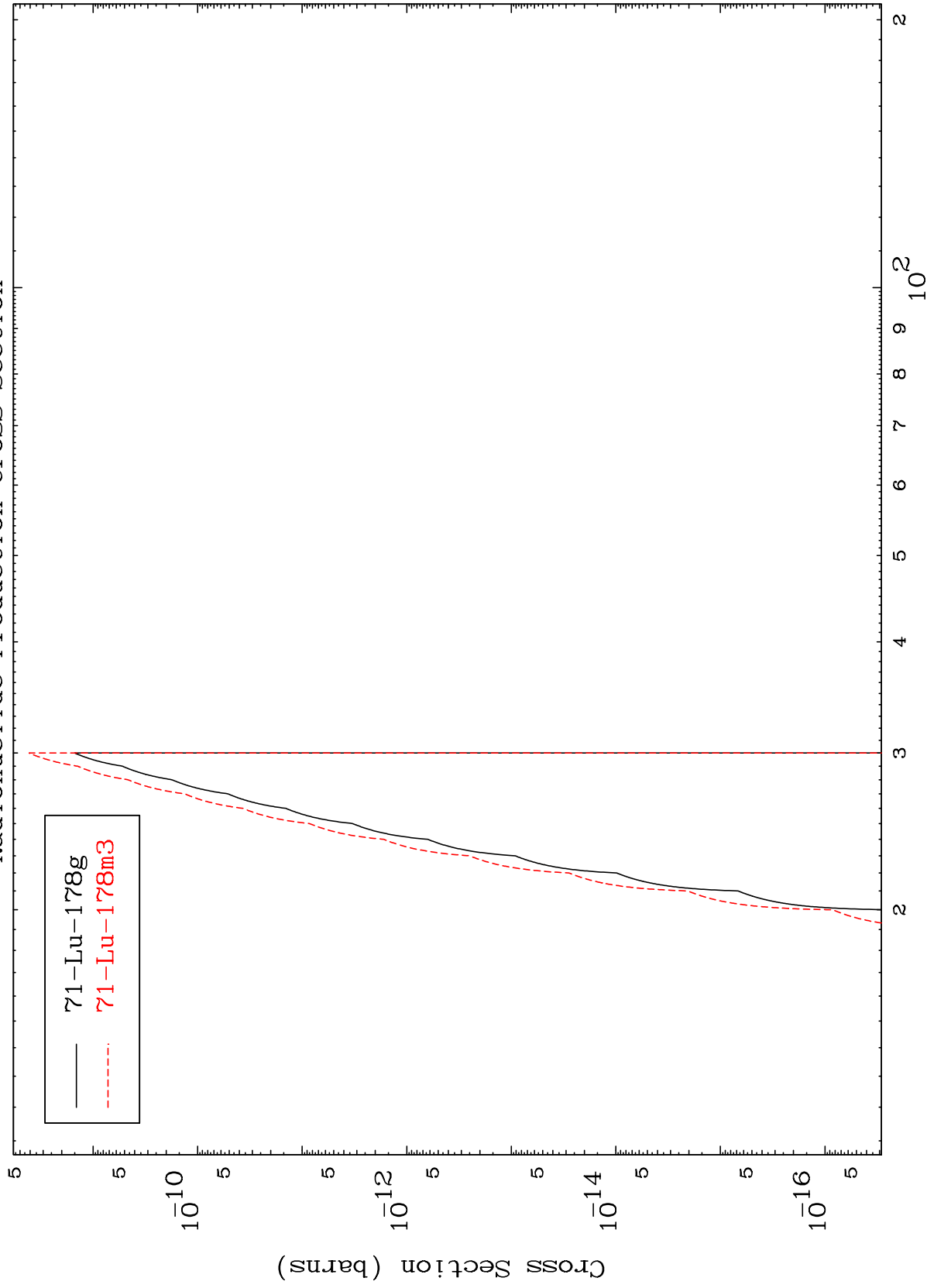
$^{73}\text{Ta-180}$

MAT 7326

(n,p) d

⁷³Ta-180

Radionuclide Production Cross Section



38

Incident Energy (MeV)

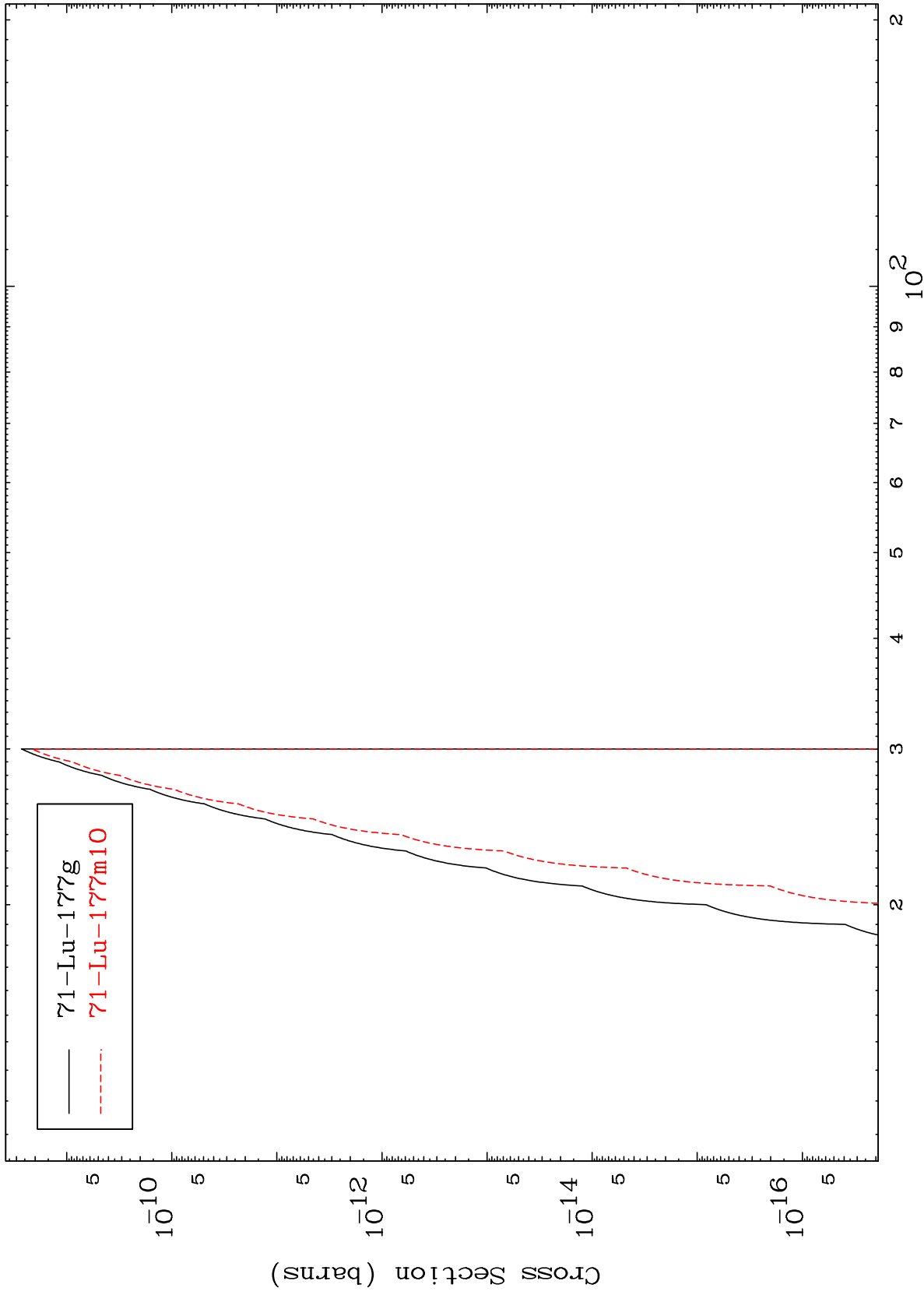
⁷³Ta-180

MAT 7326

(n,p) t

⁷³Ta-180

Radionuclide Production Cross Section



39

Incident Energy (MeV)

⁷³Ta-180