

Program EVALPLOT
(Version 2018-1)

by

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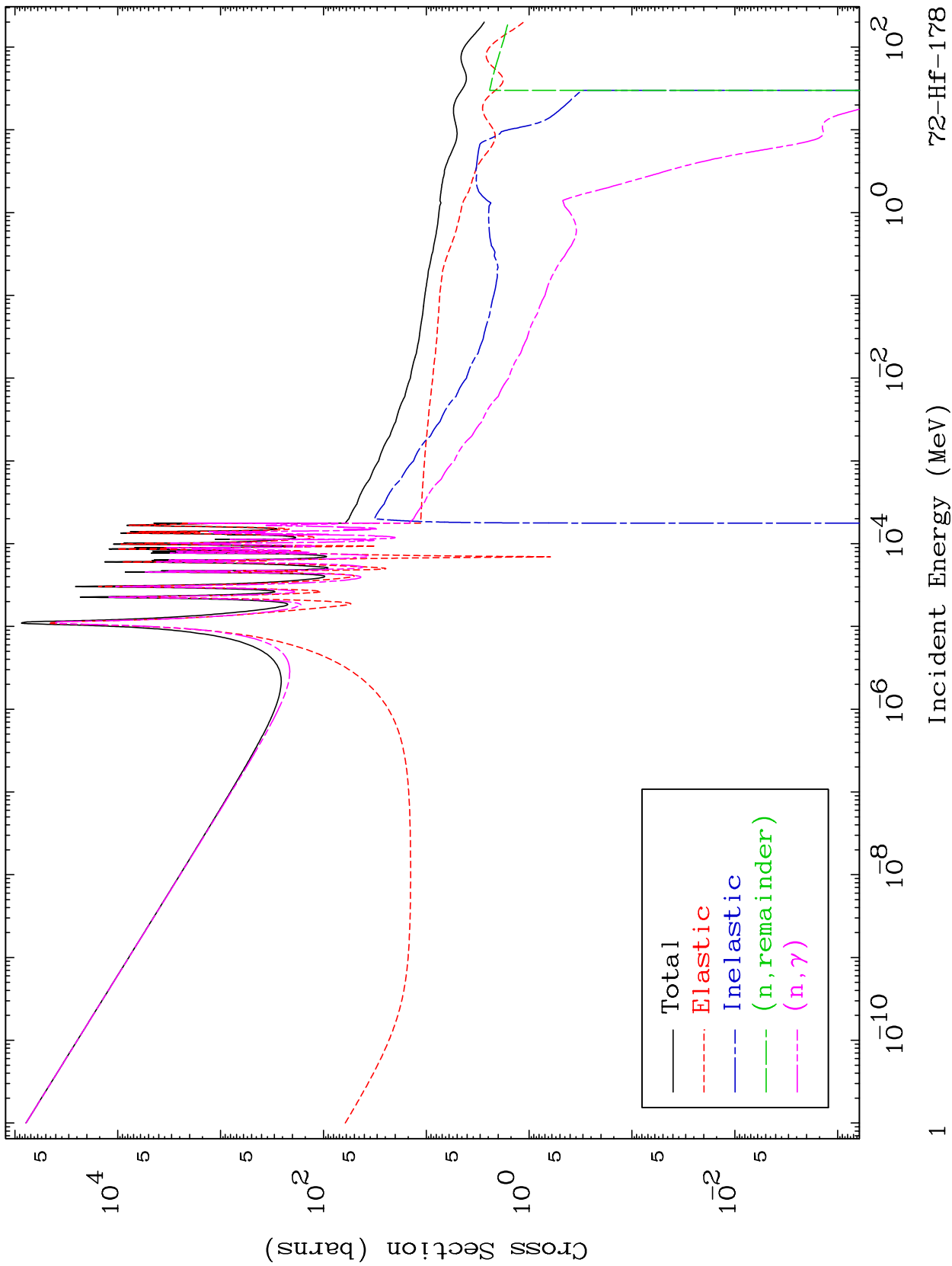
Press Mouse Button to Start

MAT 7238

Major

293 Kelvin Cross Sections

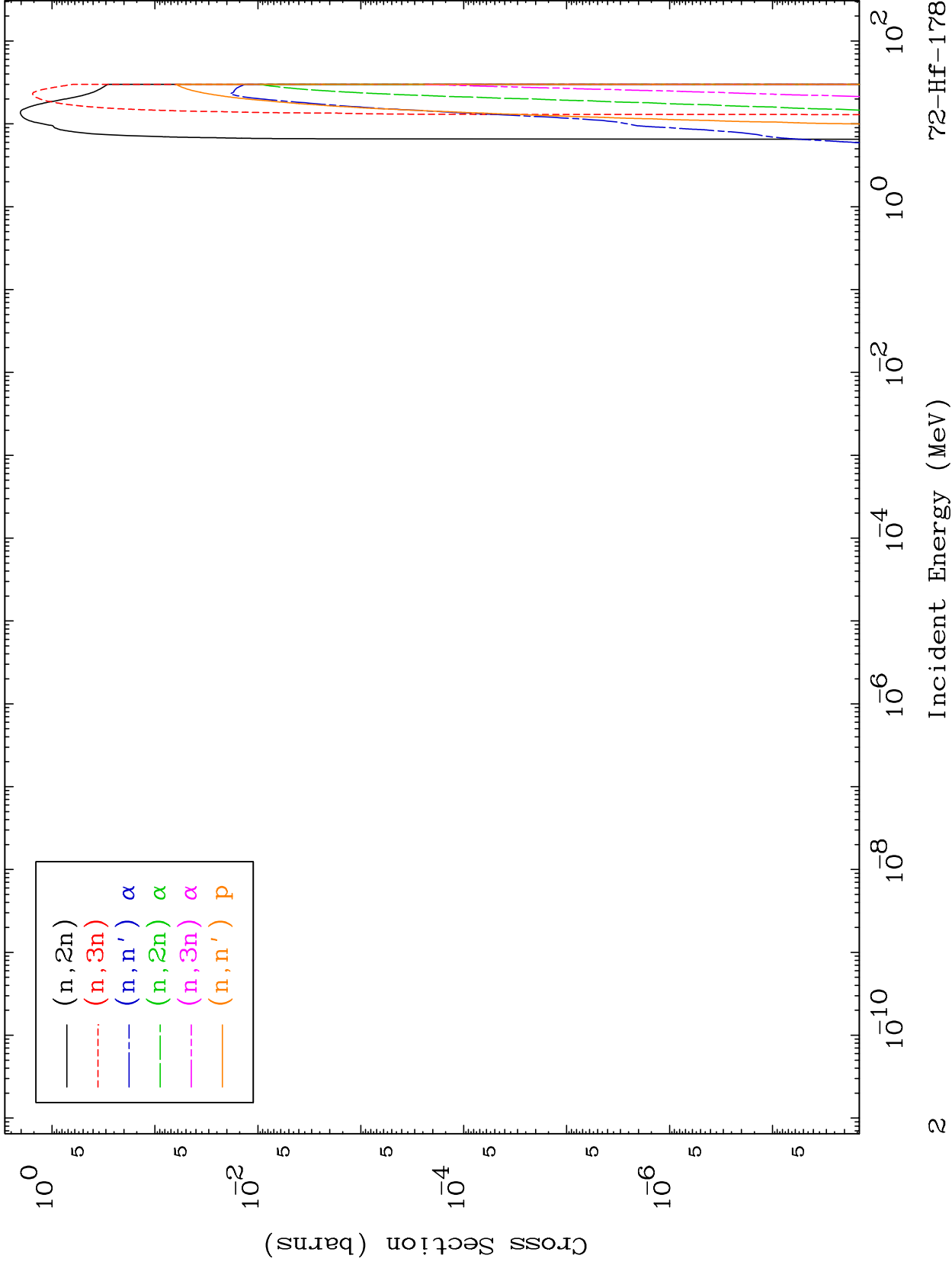
72-Hf-178

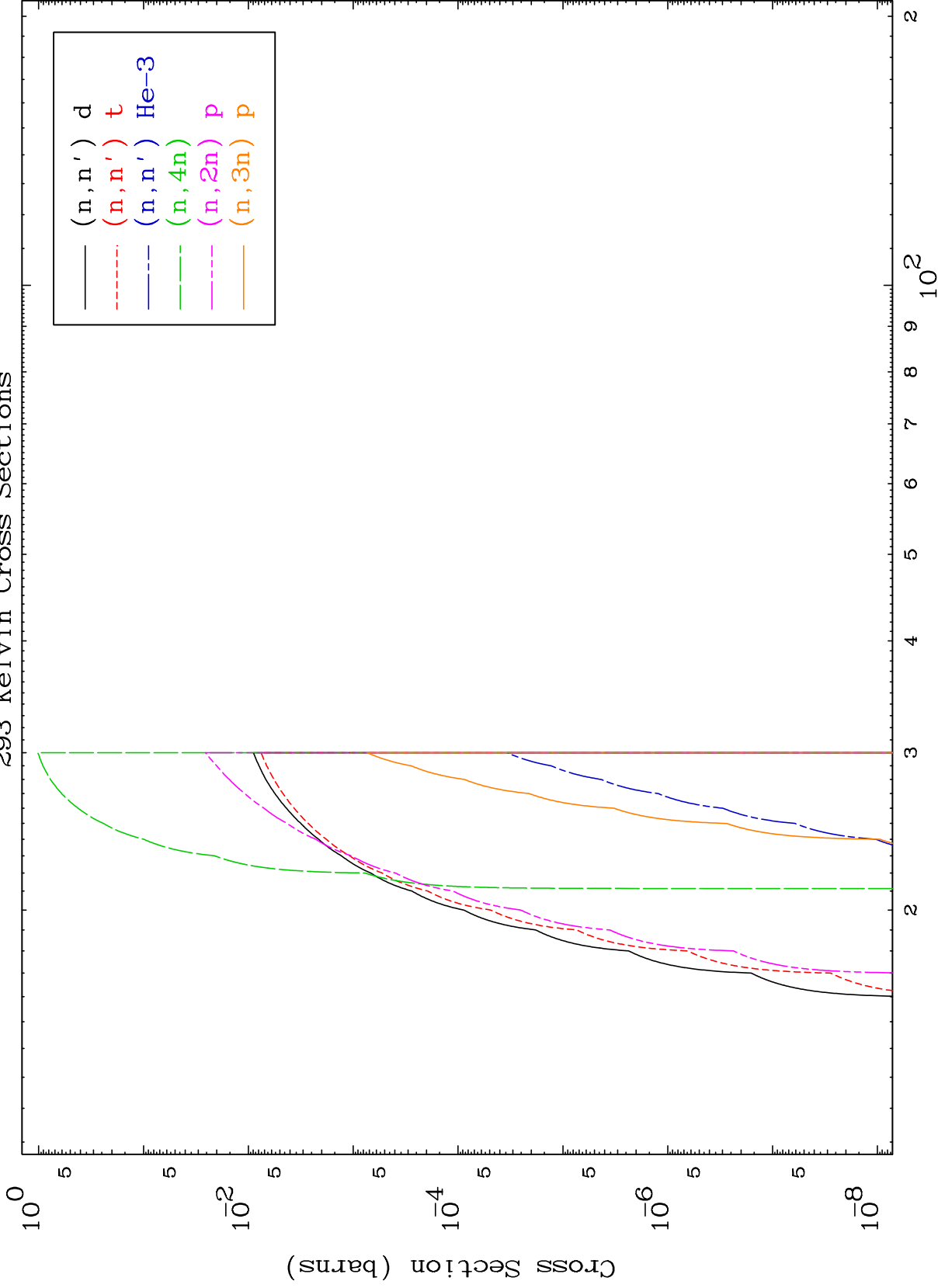


MAT 7238

Neutron Production
293 Kelvin Cross Sections

72-Hf-178

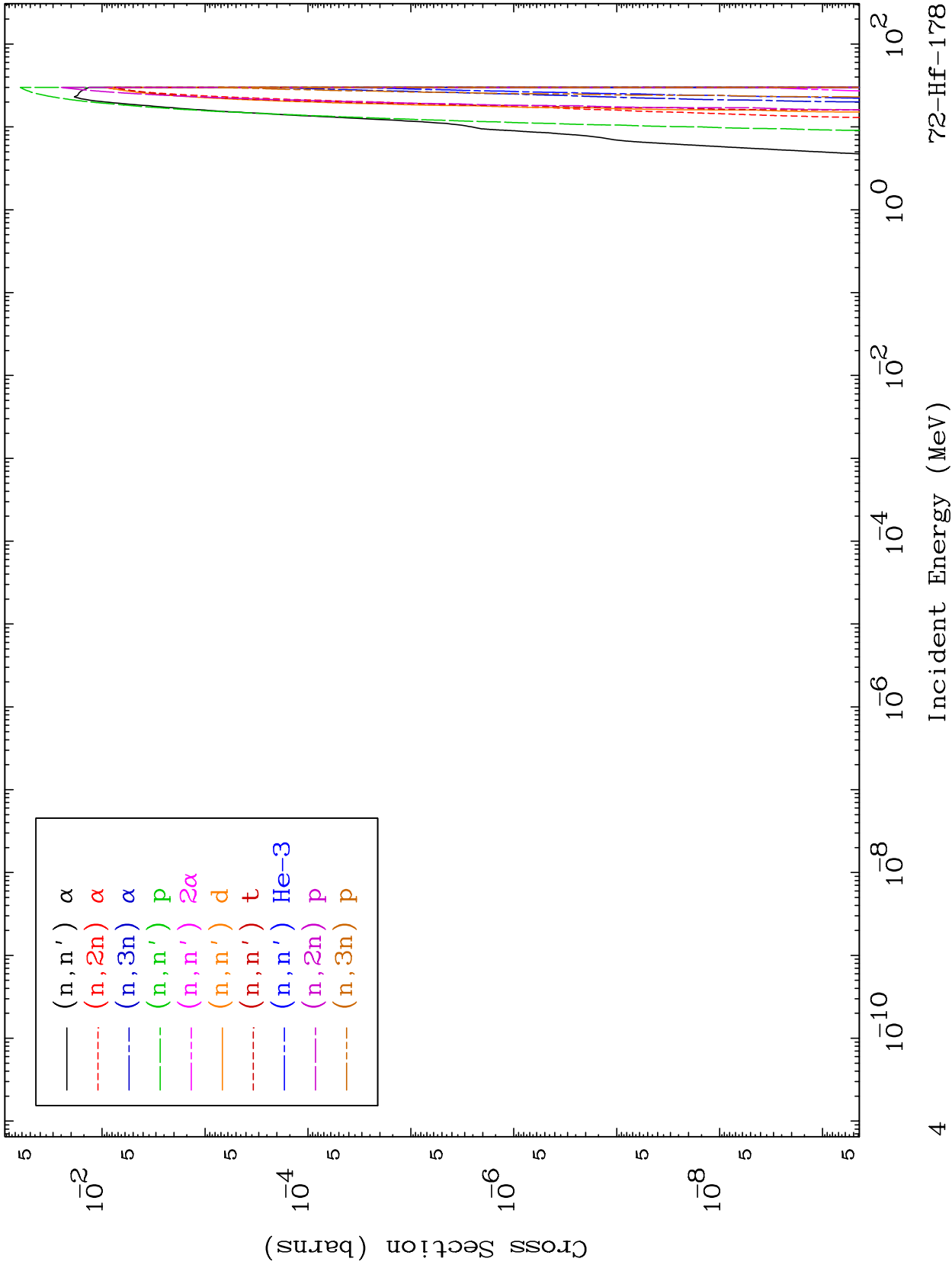




MAT 7238

Charged Particle
293 Kelvin Cross Sections

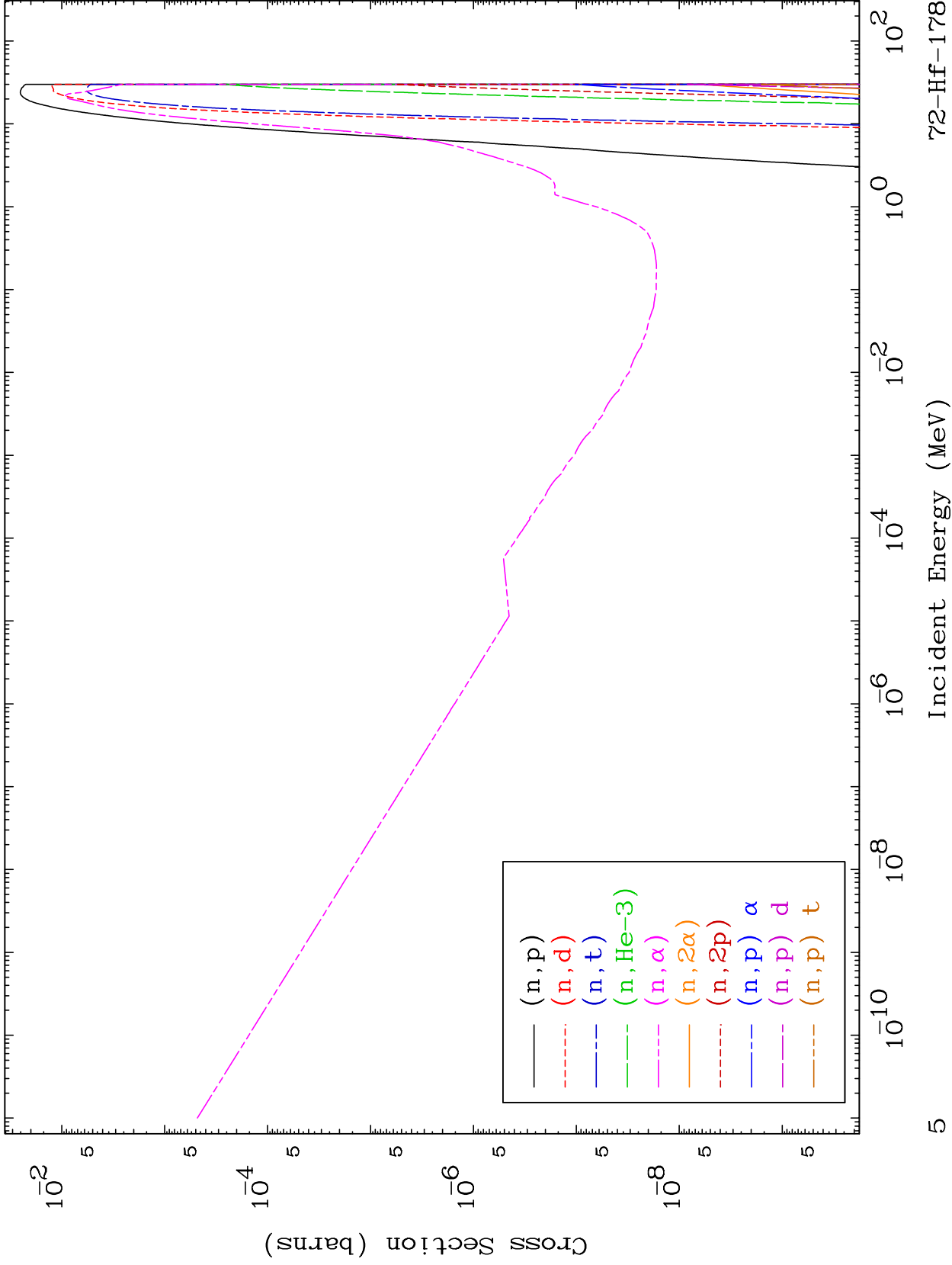
72-Hf-178



MAT 7238

Charged Particle
293 Kelvin Cross Sections

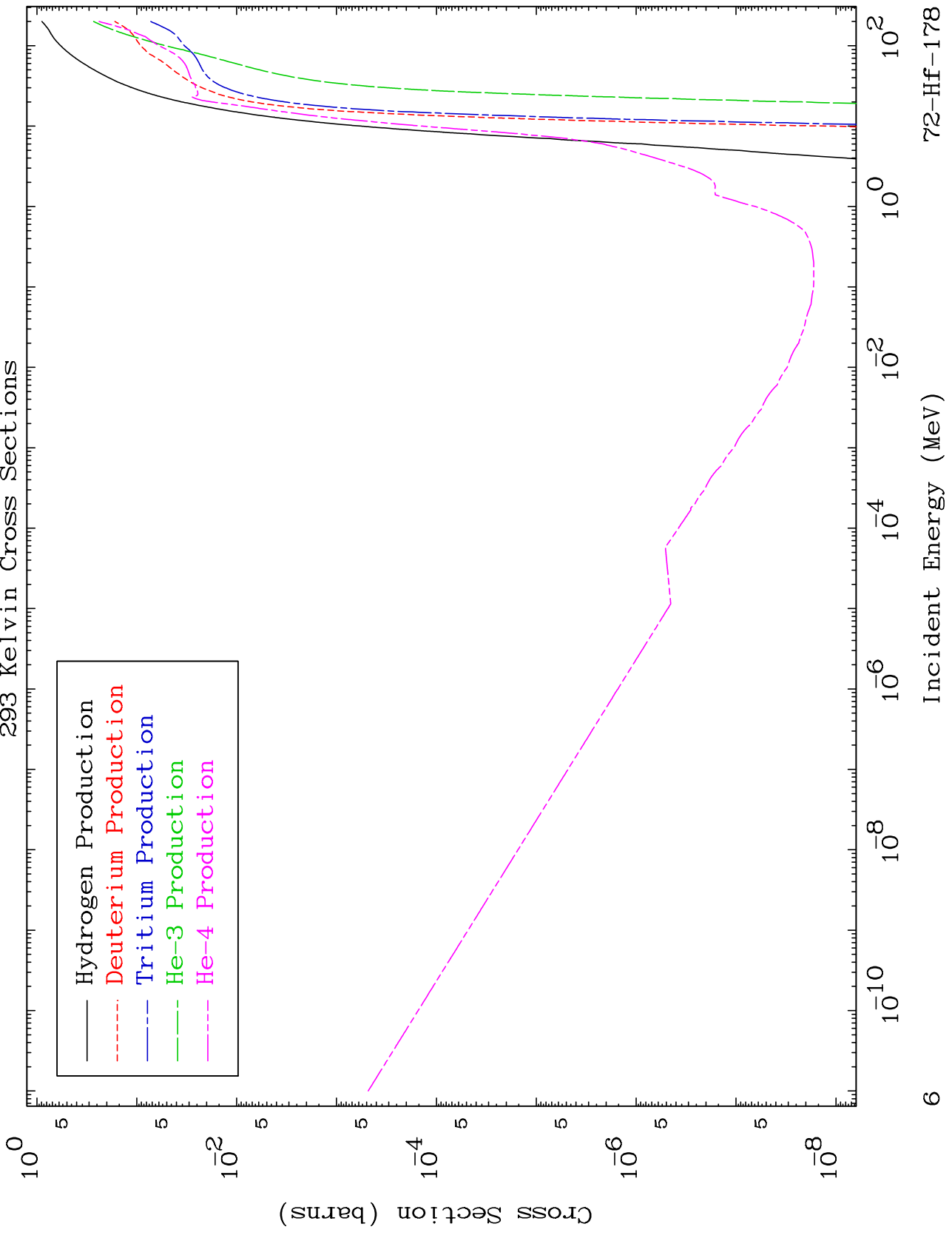
72-Hf-178



MAT 7238

Particle Production
293 Kelvin Cross Sections

72-Hf-178

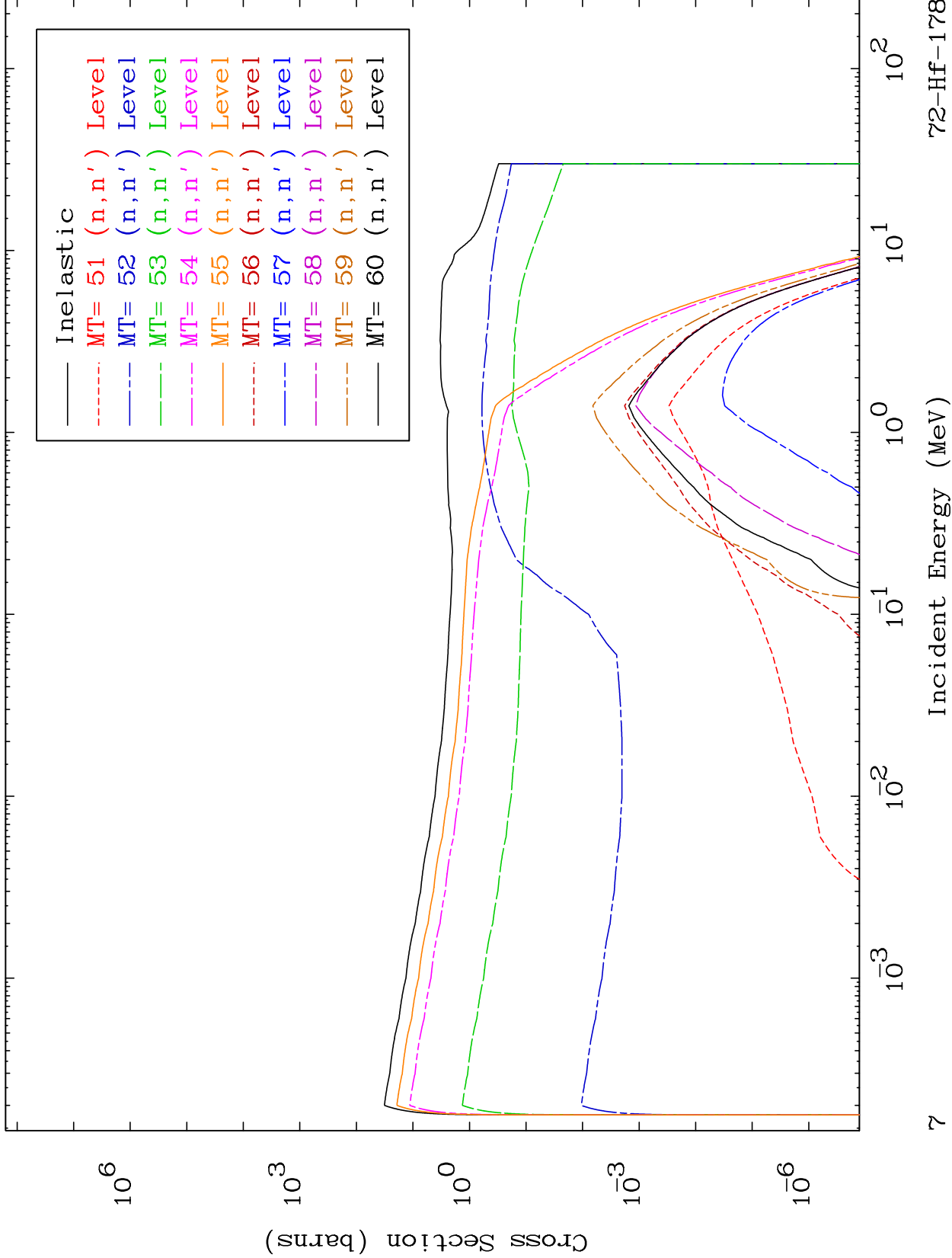


MAT 7238

(n,n') Level

293 Kelvin Cross Sections

72-Hf-178

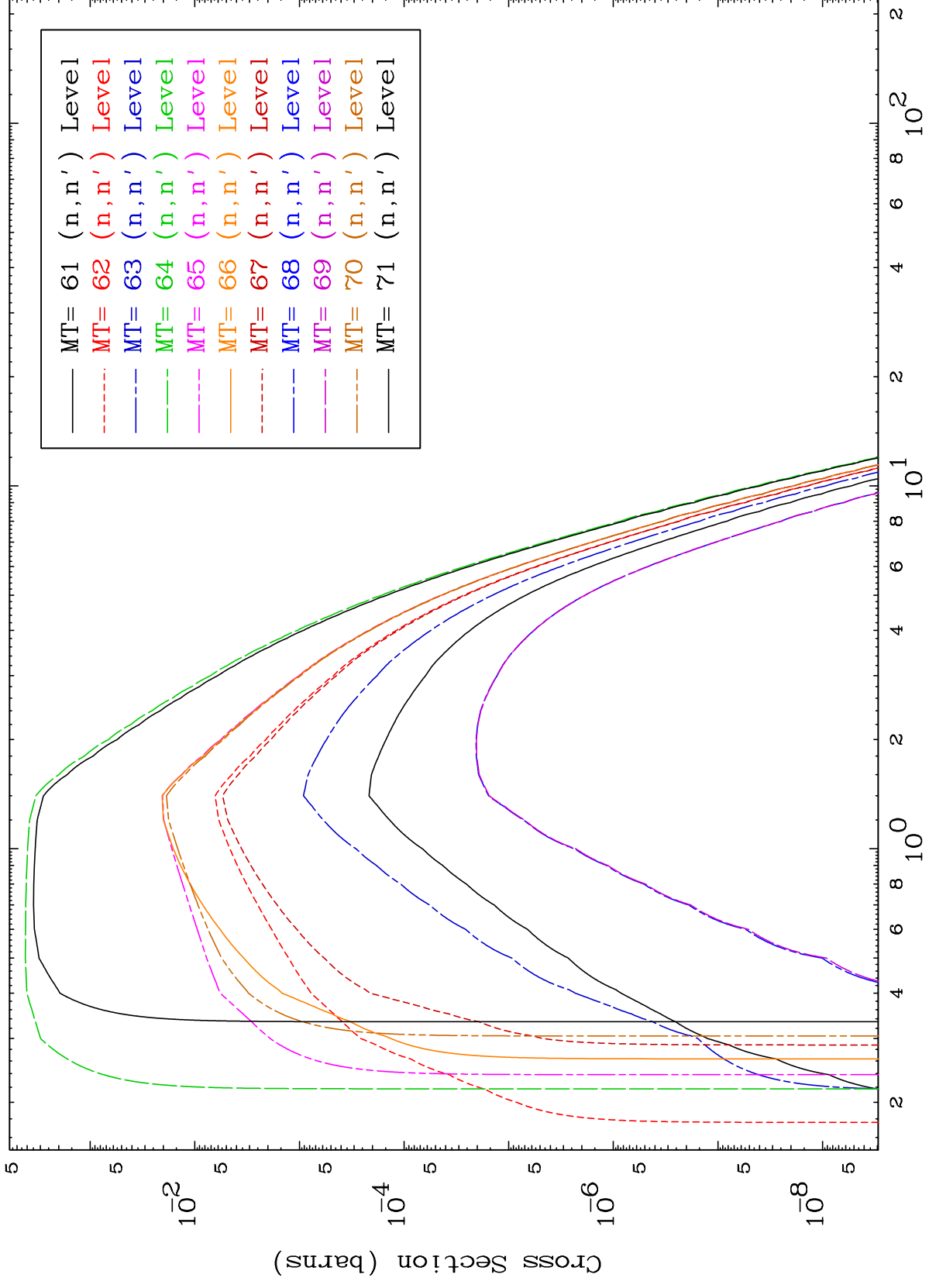


MAT 7238

(n,n') Level

72-Hf-178

293 Kelvin Cross Sections



Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dash-dot	63	(n, n')	Level
Dashed	64	(n, n')	Level
Dash-dot	65	(n, n')	Level
Solid	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dash-dot	68	(n, n')	Level
Dash-dot	69	(n, n')	Level
Dashed	70	(n, n')	Level
Solid	71	(n, n')	Level

8

Incident Energy (MeV)

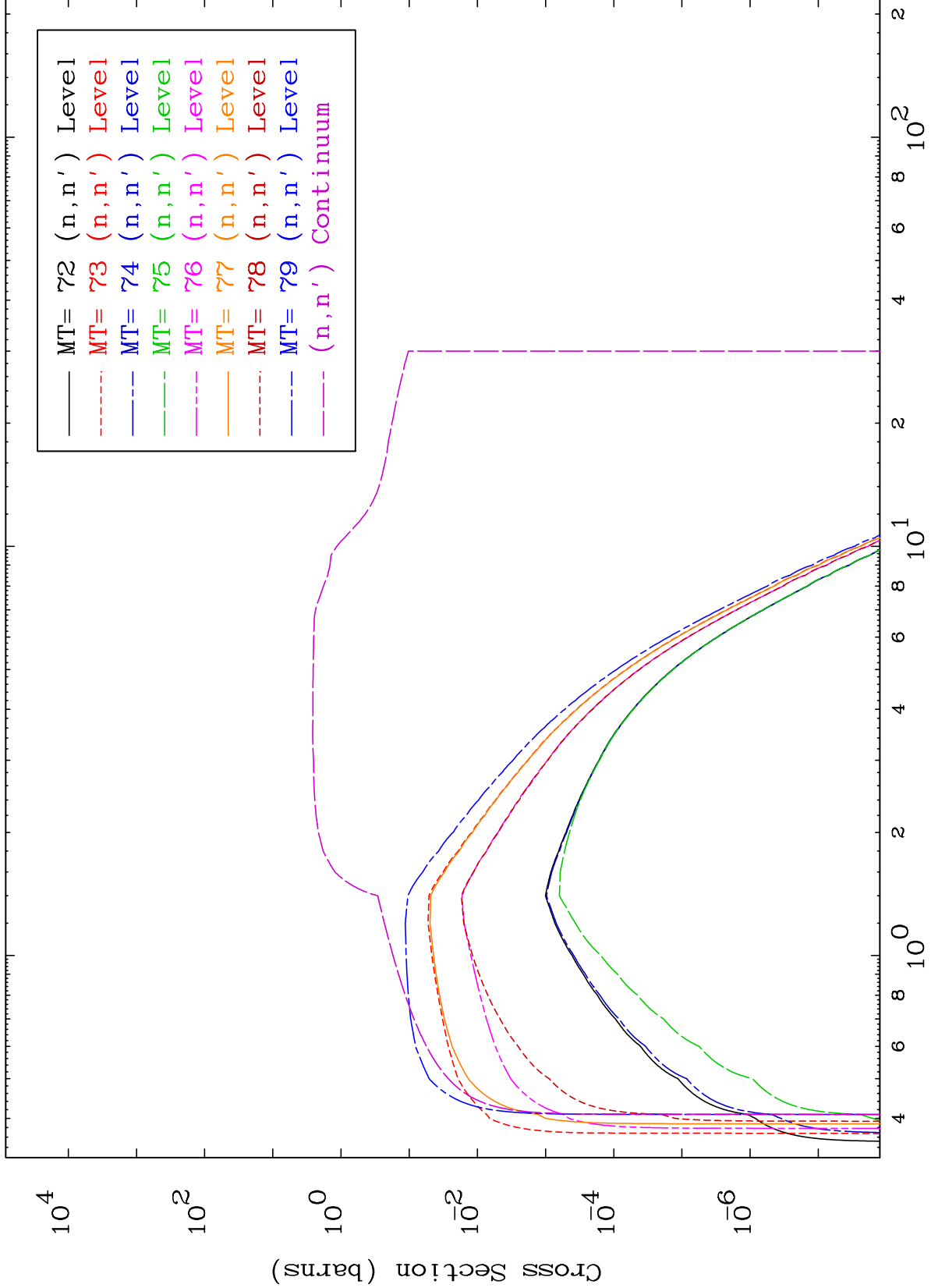
72-Hf-178

MAT 7238

(n,n') Level

293 Kelvin Cross Sections

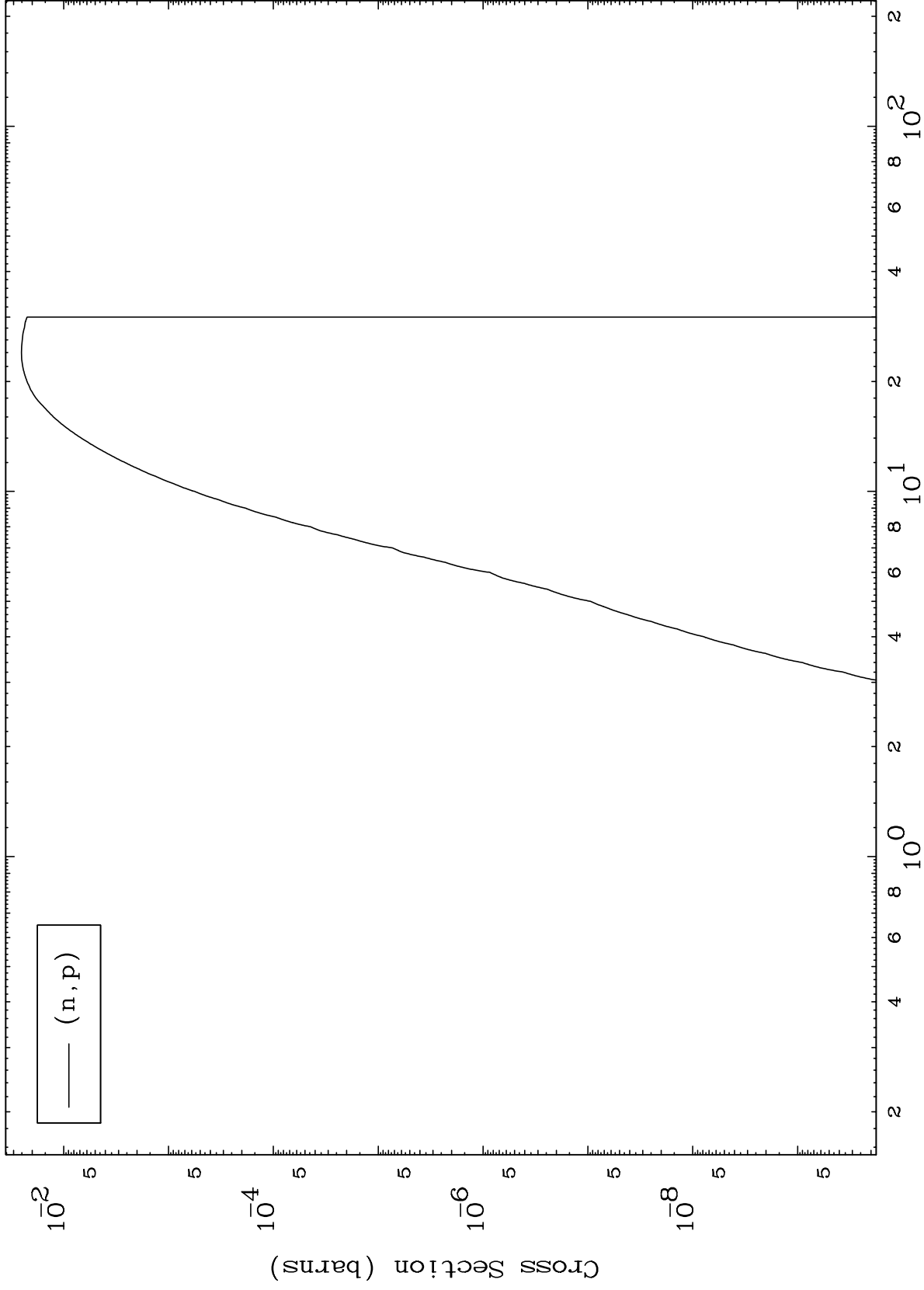
72-Hf-178



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(n,p) Levels
293 Kelvin Cross Sections

72-Hf-178



10

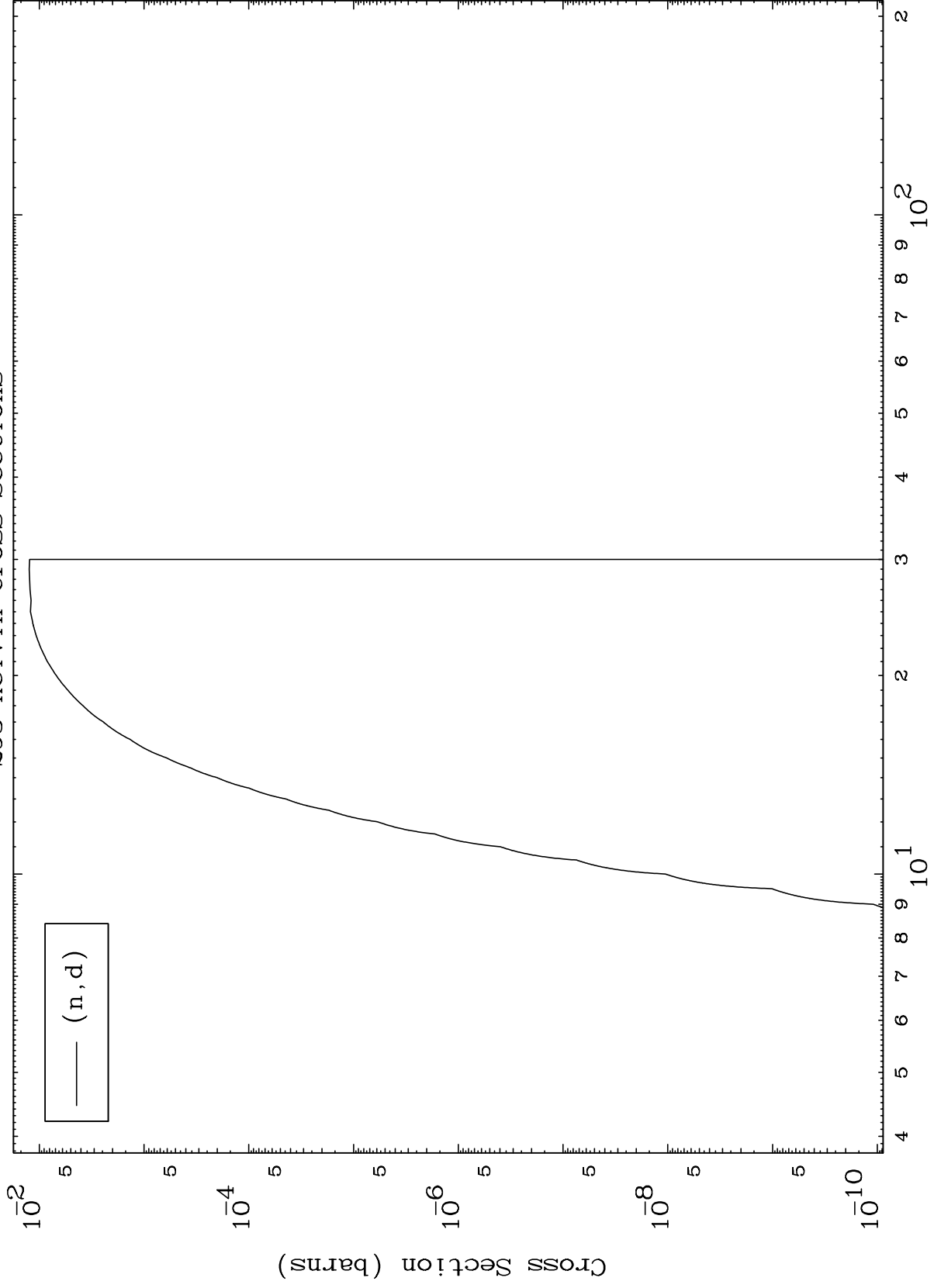
Incident Energy (MeV)

72-Hf-178

MAT 7238

(n,d) Levels
293 Kelvin Cross Sections

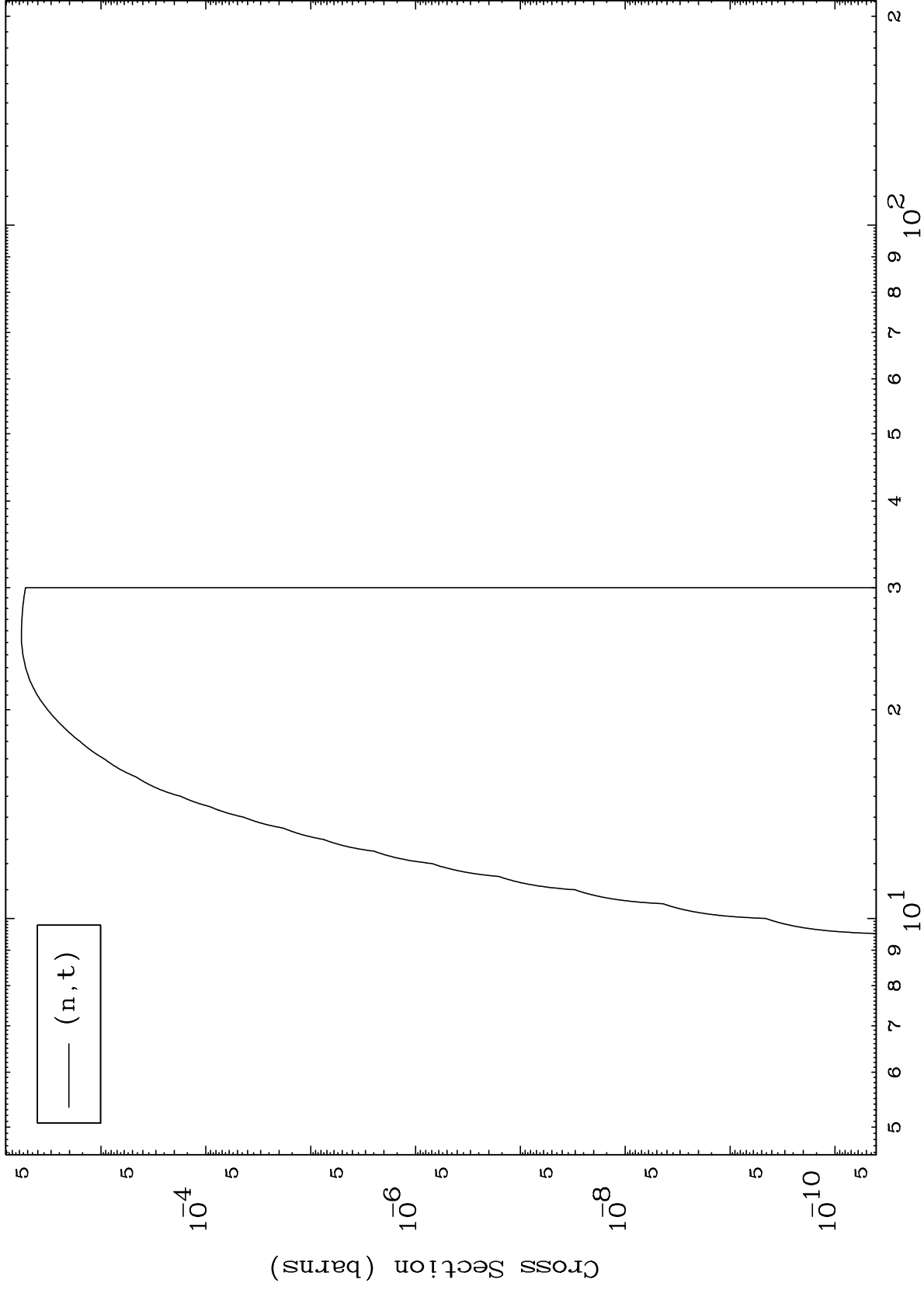
72-Hf-178



MAT 7238

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-178



12

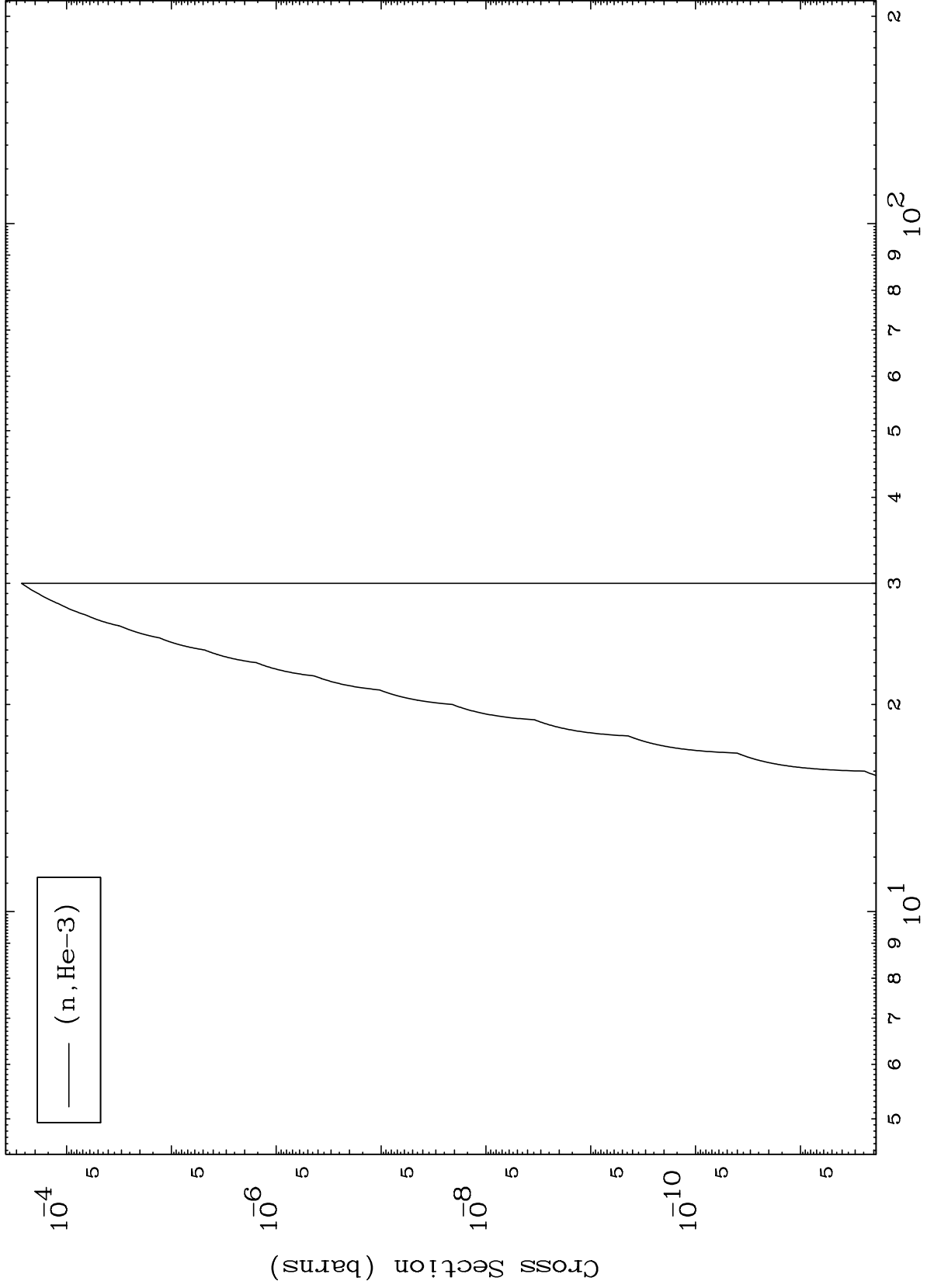
Incident Energy (MeV)

72-Hf-178

MAT 7238

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-178



13

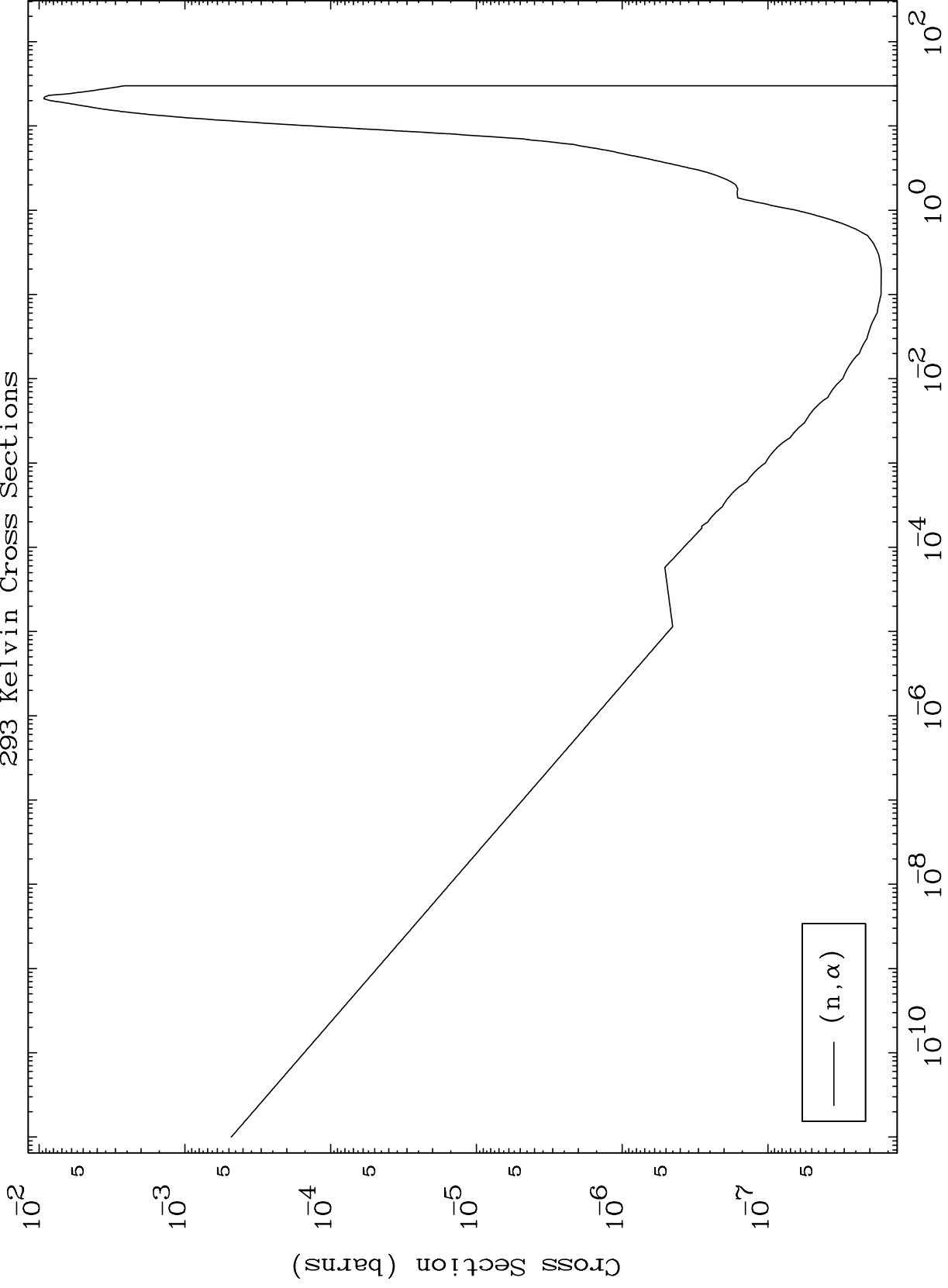
Incident Energy (MeV)

72-Hf-178

MAT 7238

(n,α) Levels
293 Kelvin Cross Sections

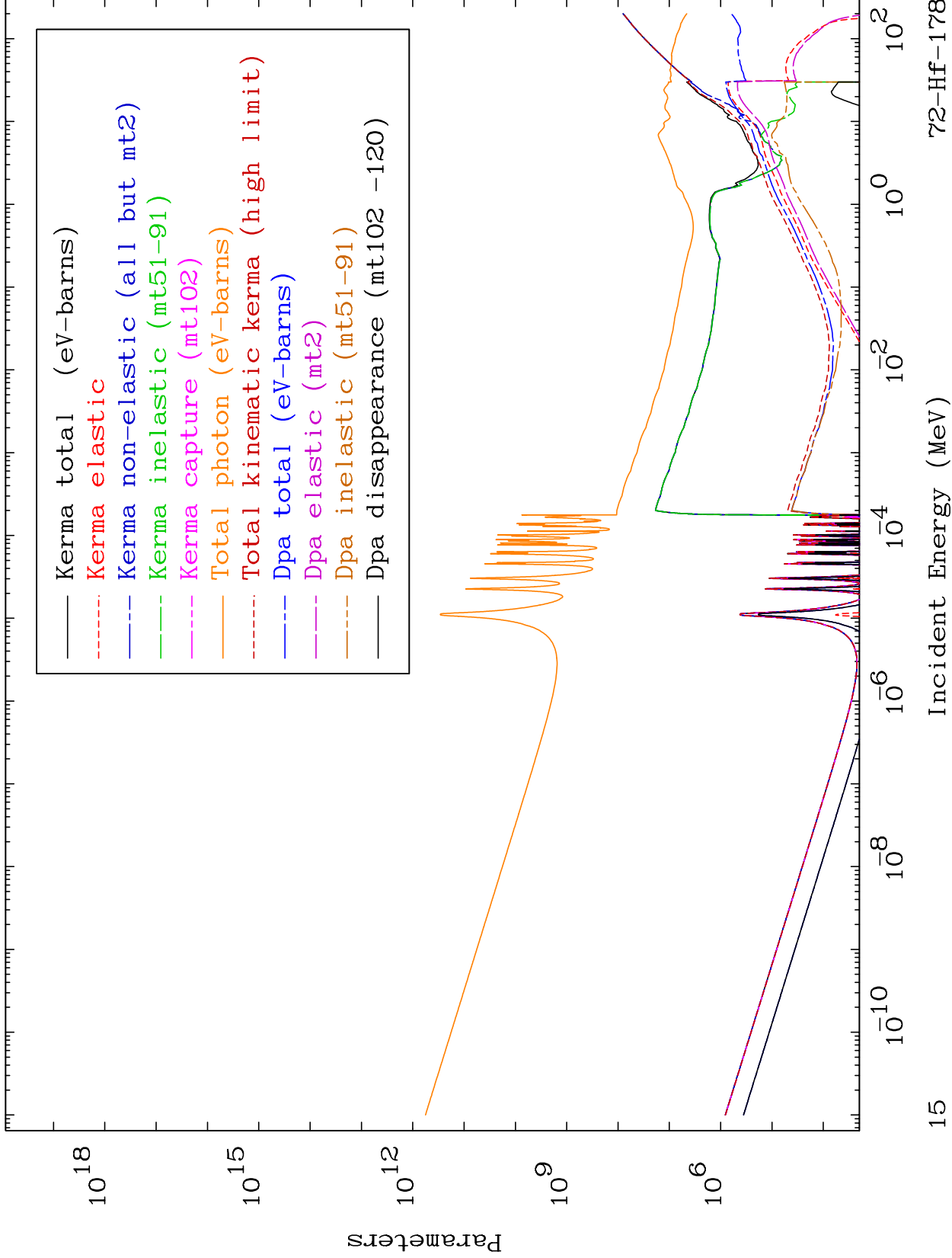
72-Hf-178

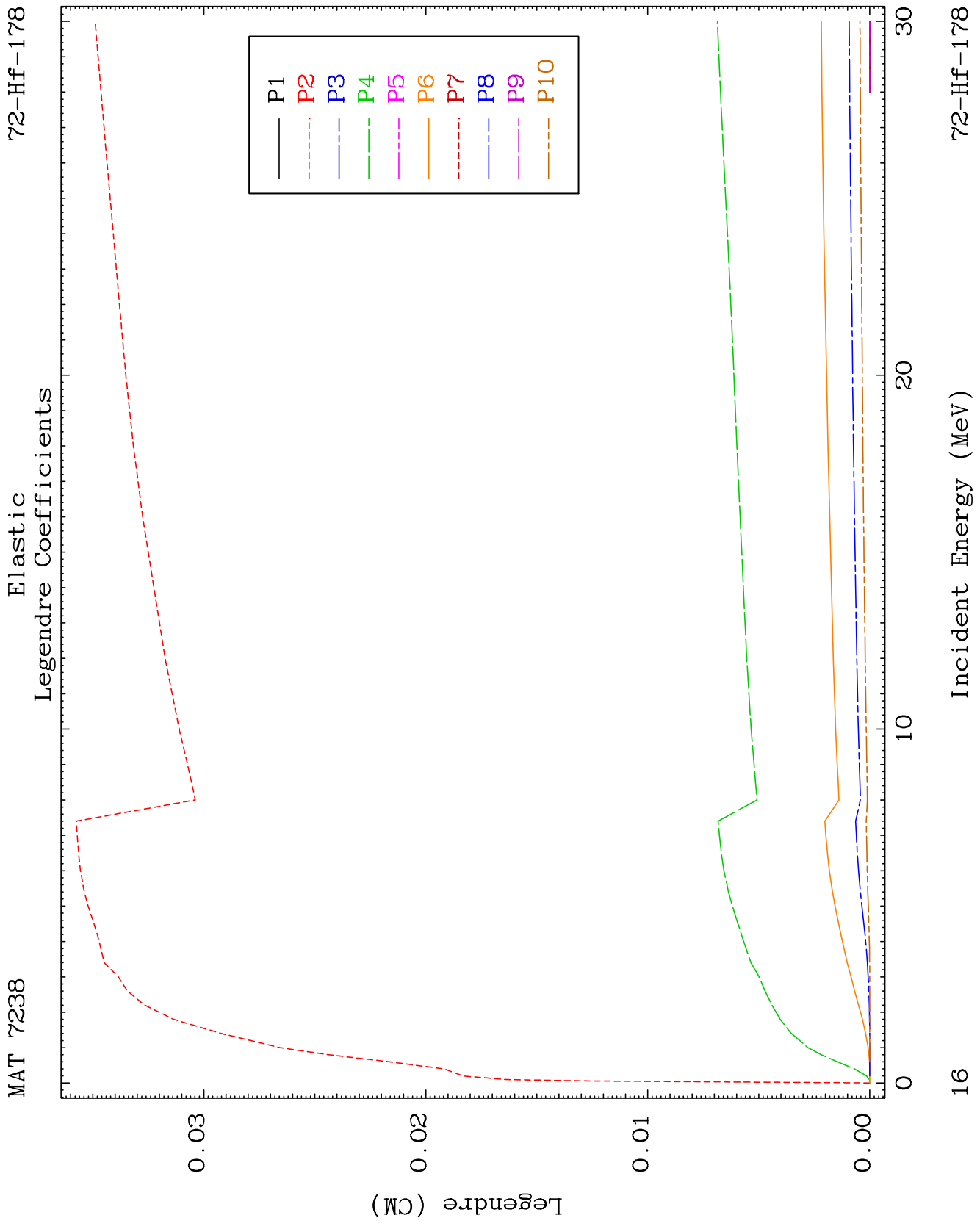


14

Incident Energy (MeV)

72-Hf-178

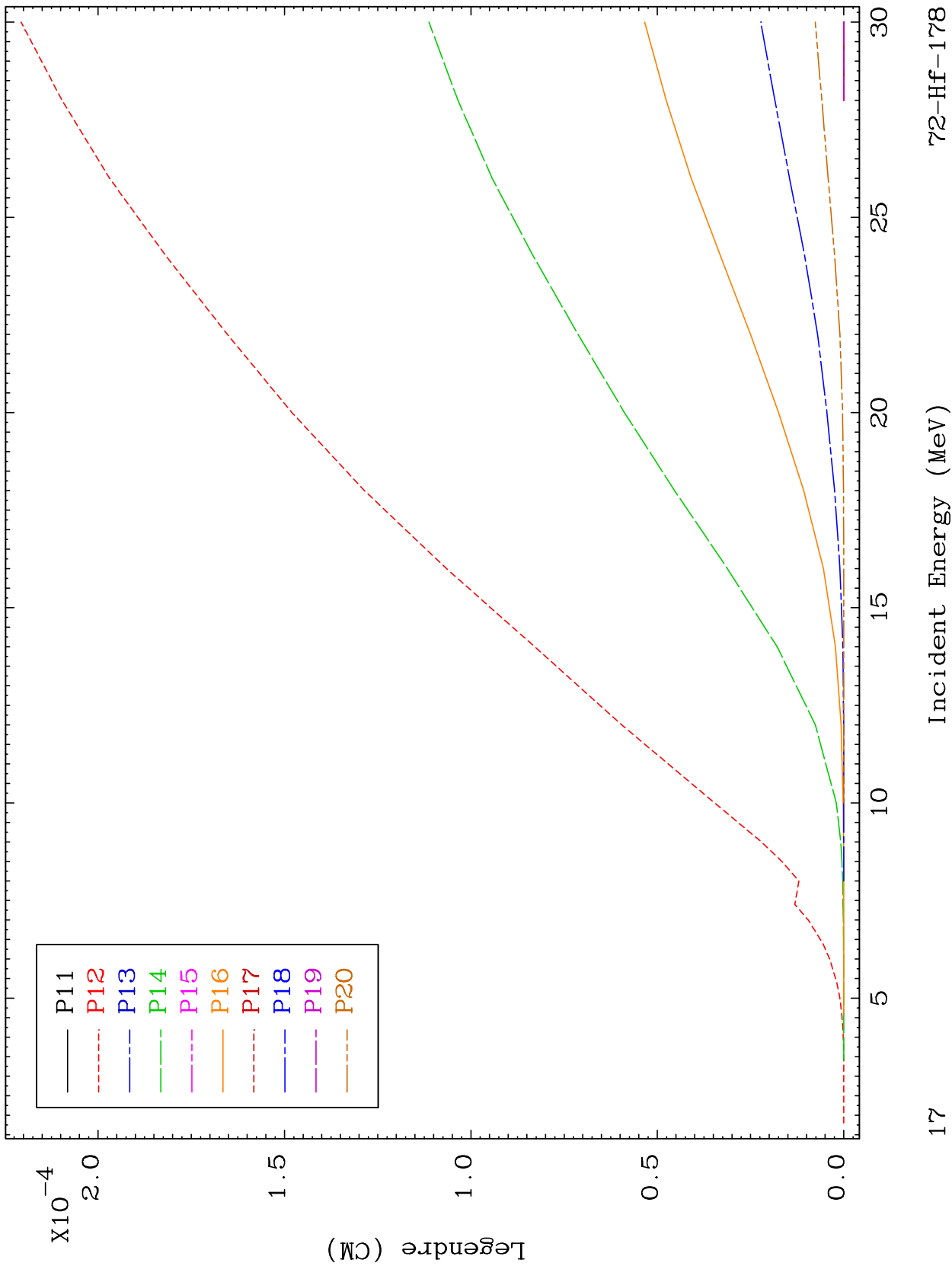




MAT 7238

Elastic
Legendre Coefficients

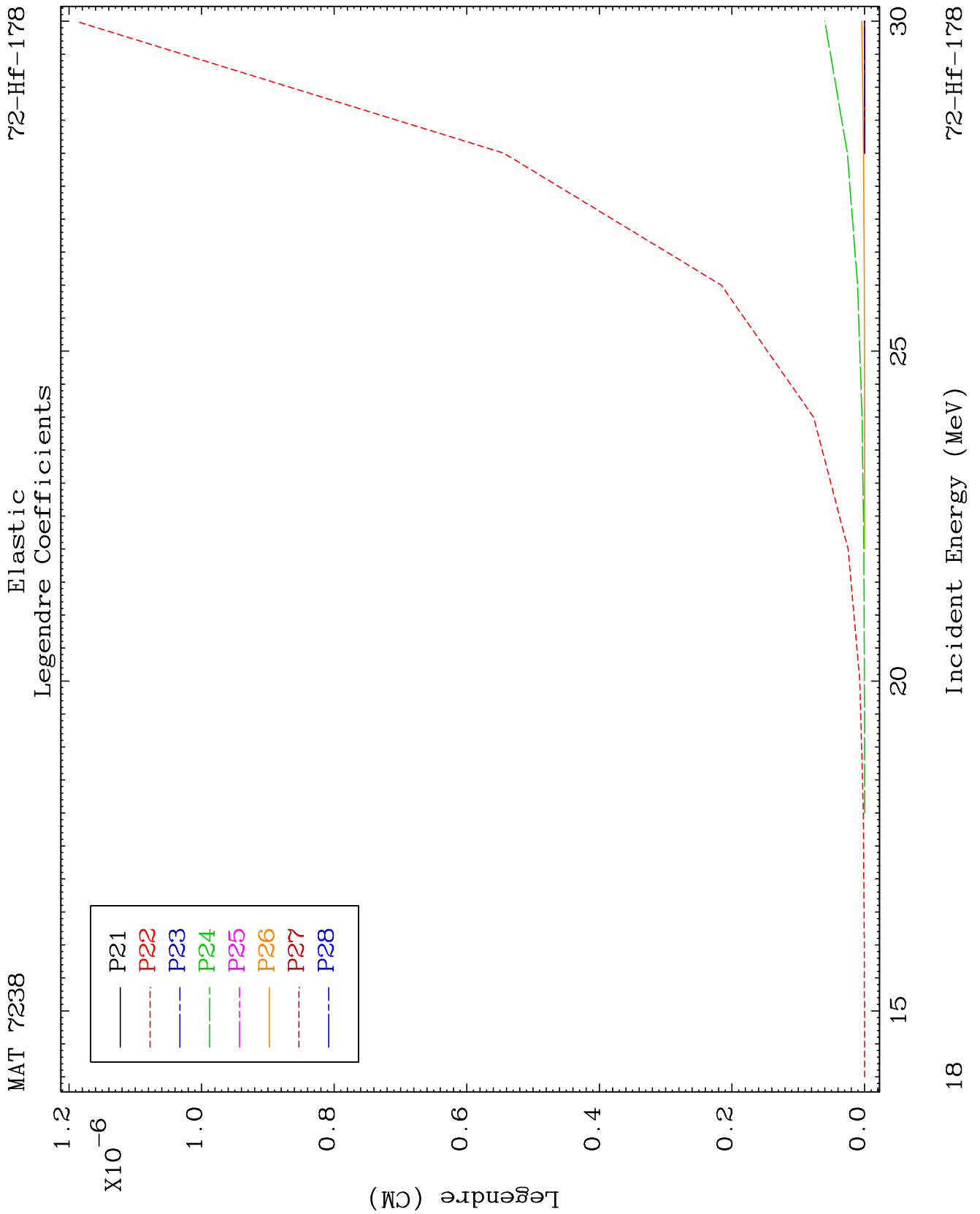
72-Hf-178



17

72-Hf-178

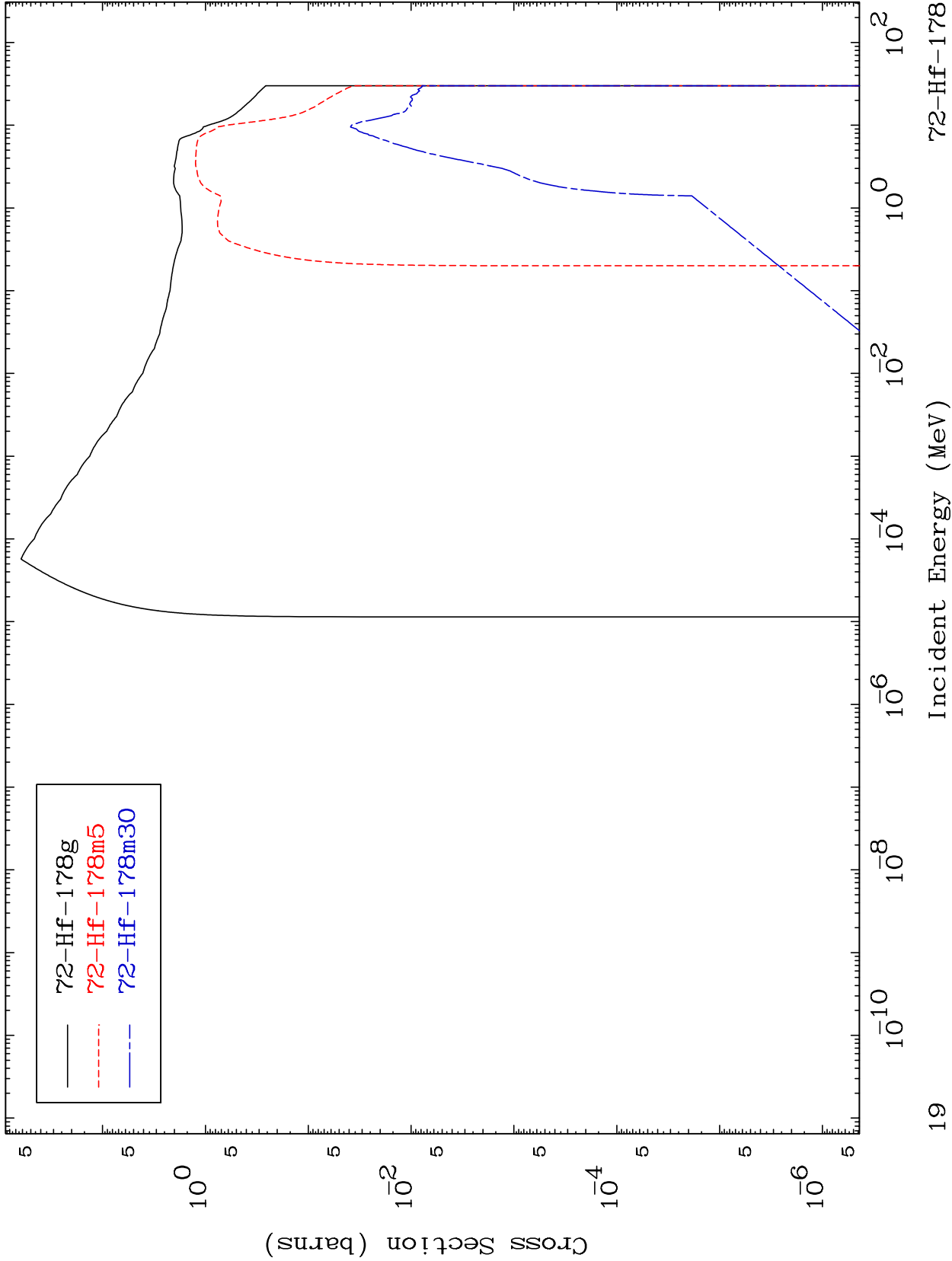
Incident Energy (MeV)



MAT 7238

Radionuclide Production Cross Section

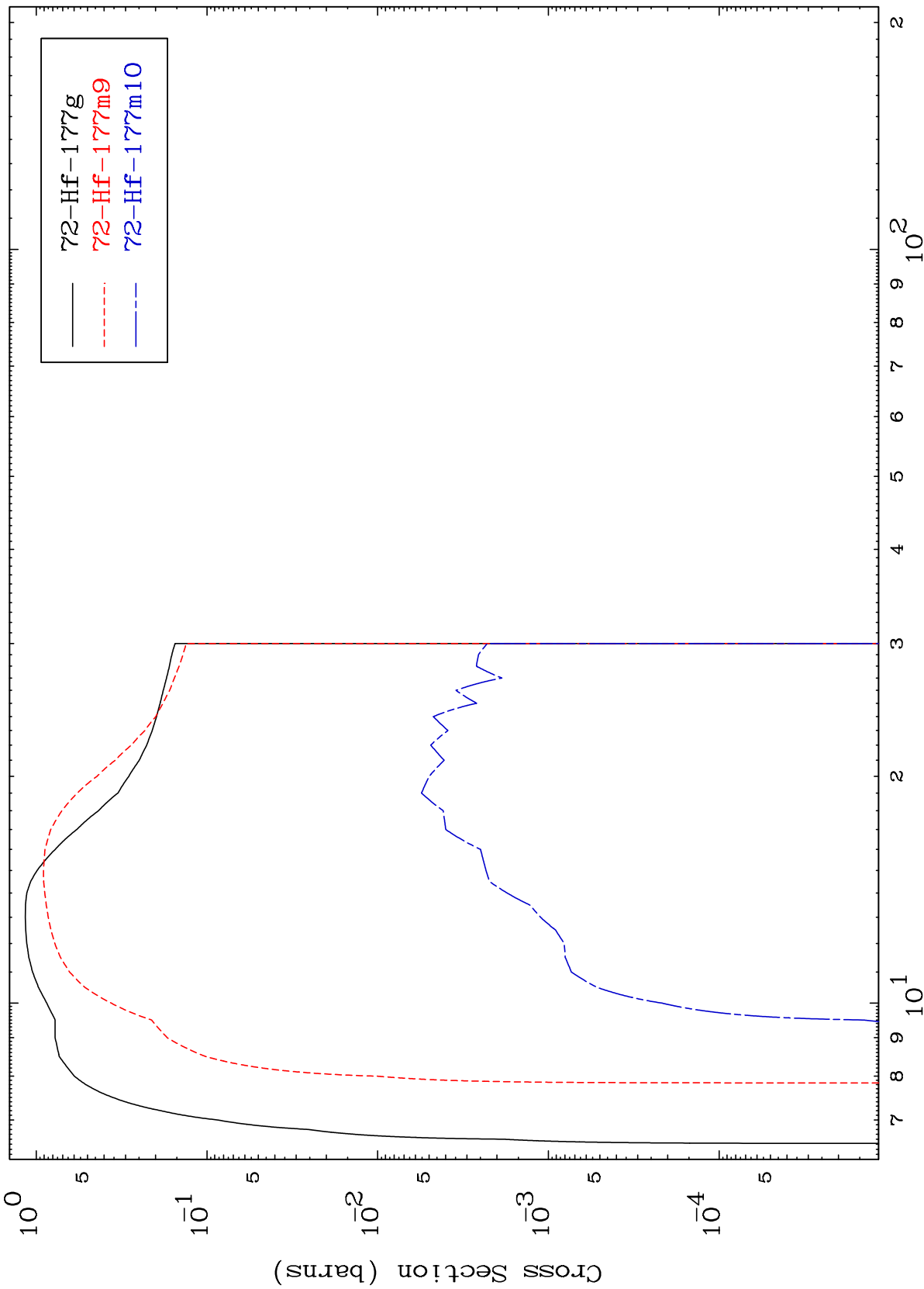
72-Hf-178



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72-Hf-178

(n,2n)
Radionuclide Production Cross Section



72-Hf-178

Incident Energy (MeV)

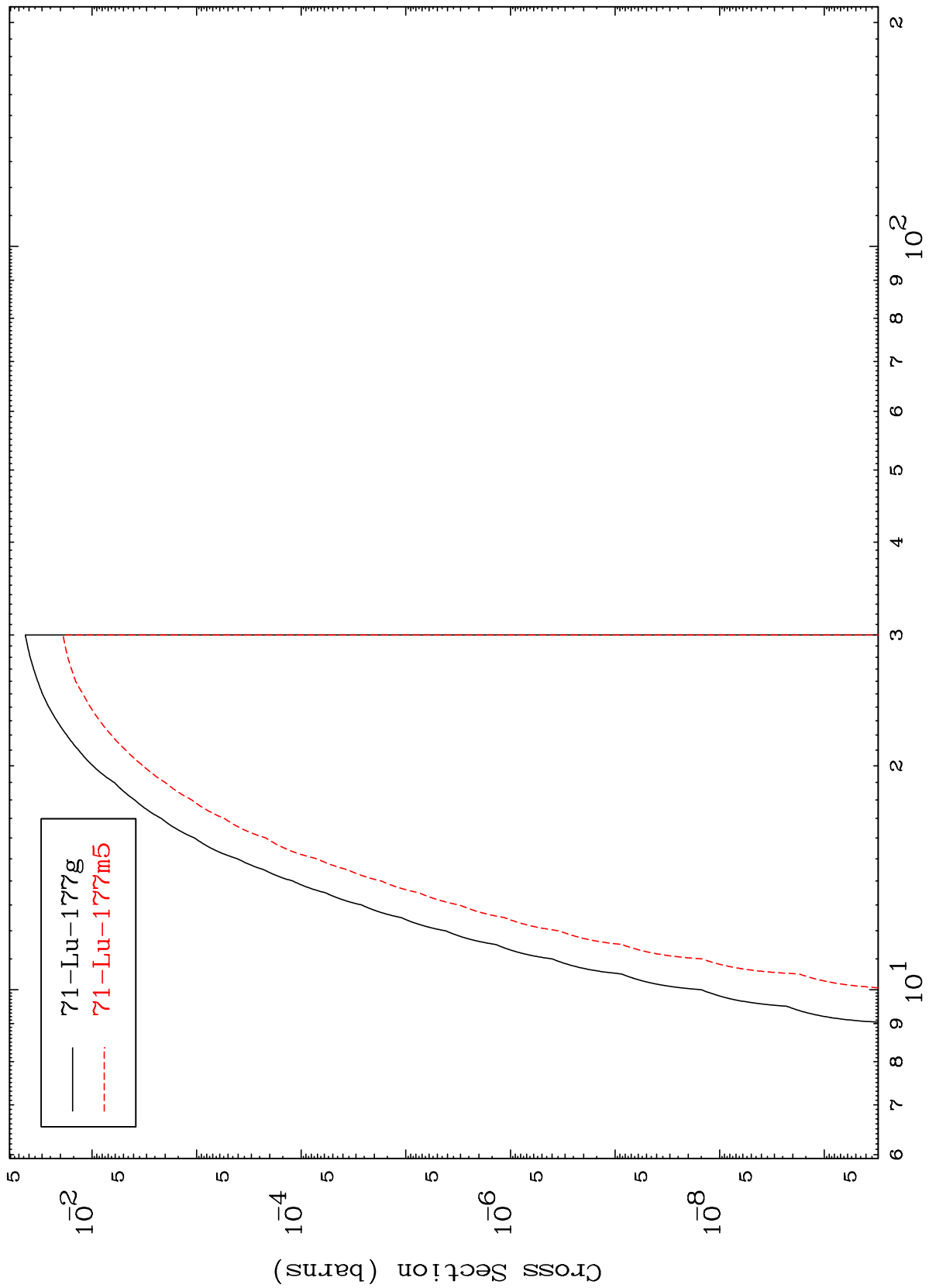
20

MAT 7238

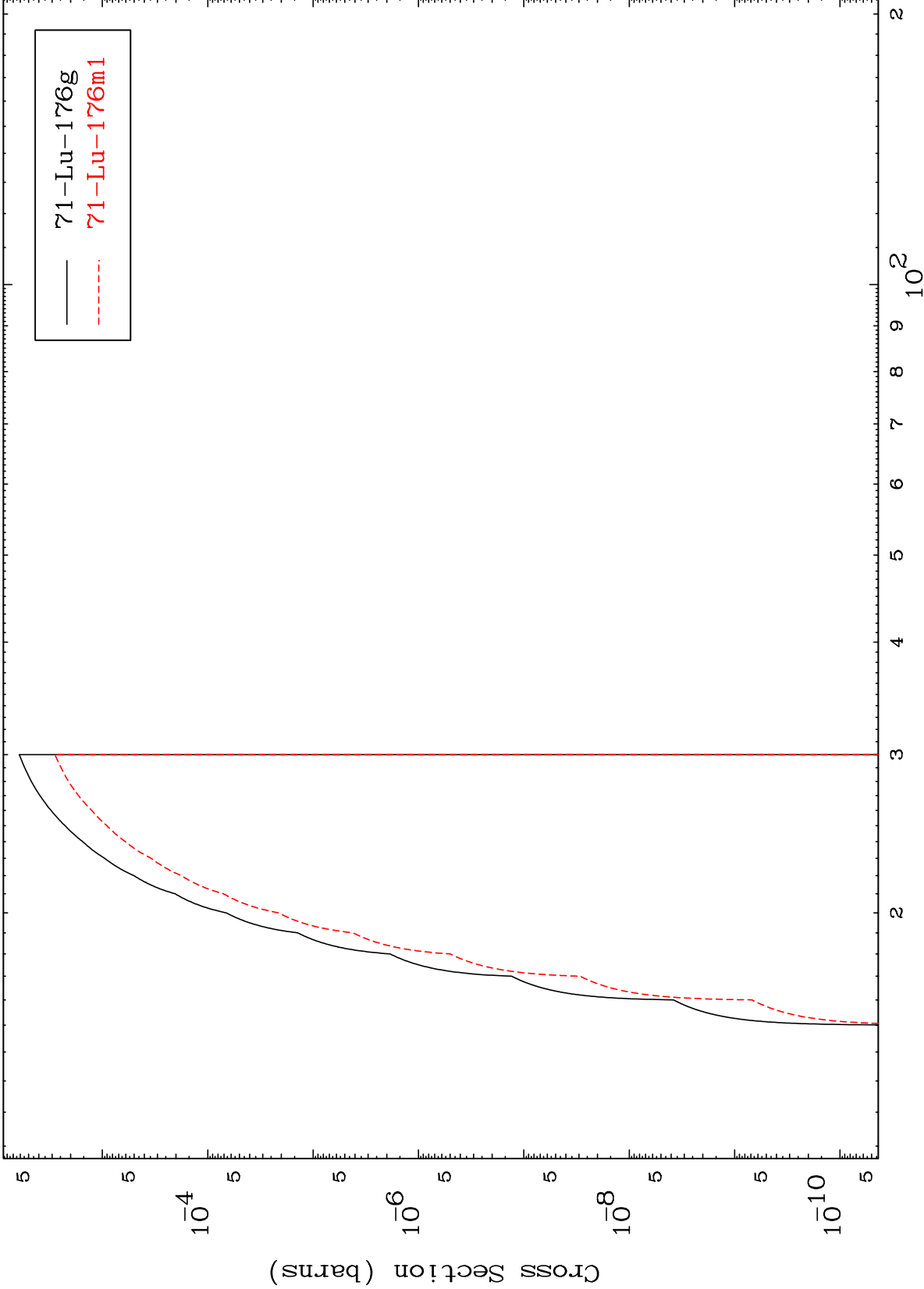
(n,n') p

72-Hf-178

Radionuclide Production Cross Section



Radionuclide Production Cross Section

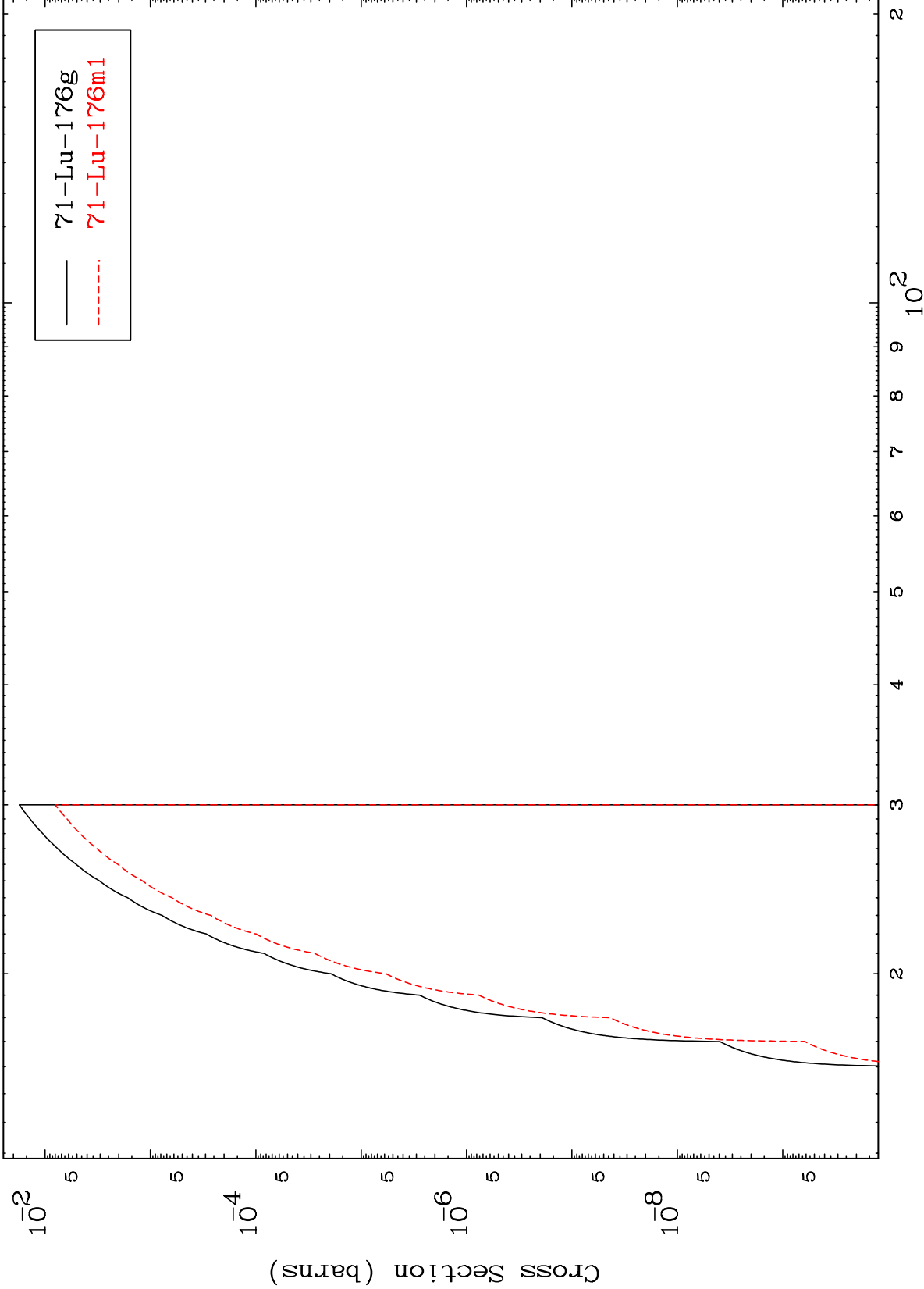


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(n,2n) p

72-Hf-178

Radionuclide Production Cross Section



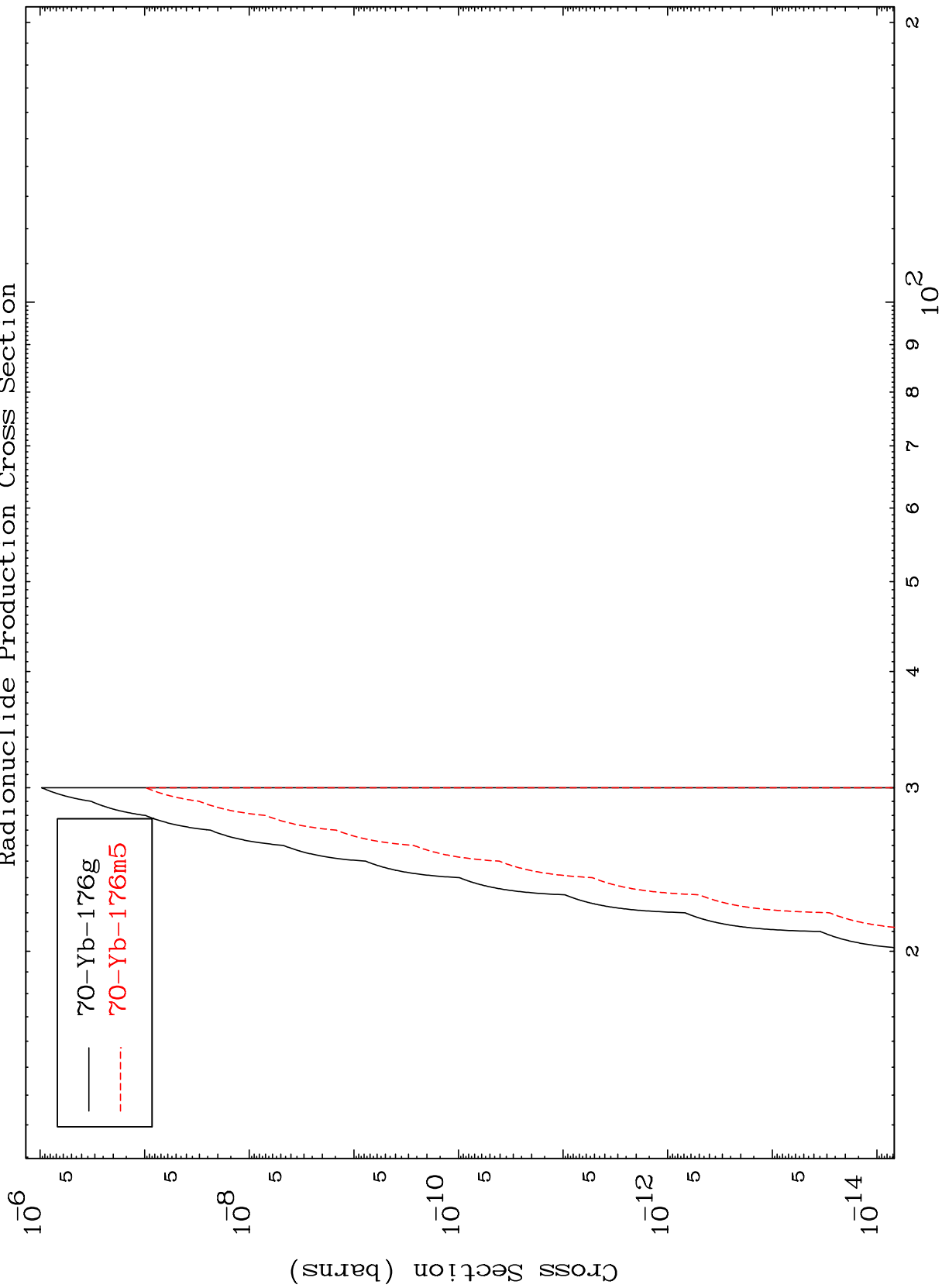
71-Lu-176g
71-Lu-176m1

MAT 7238

(n,2n) p

72-Hf-178

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-178

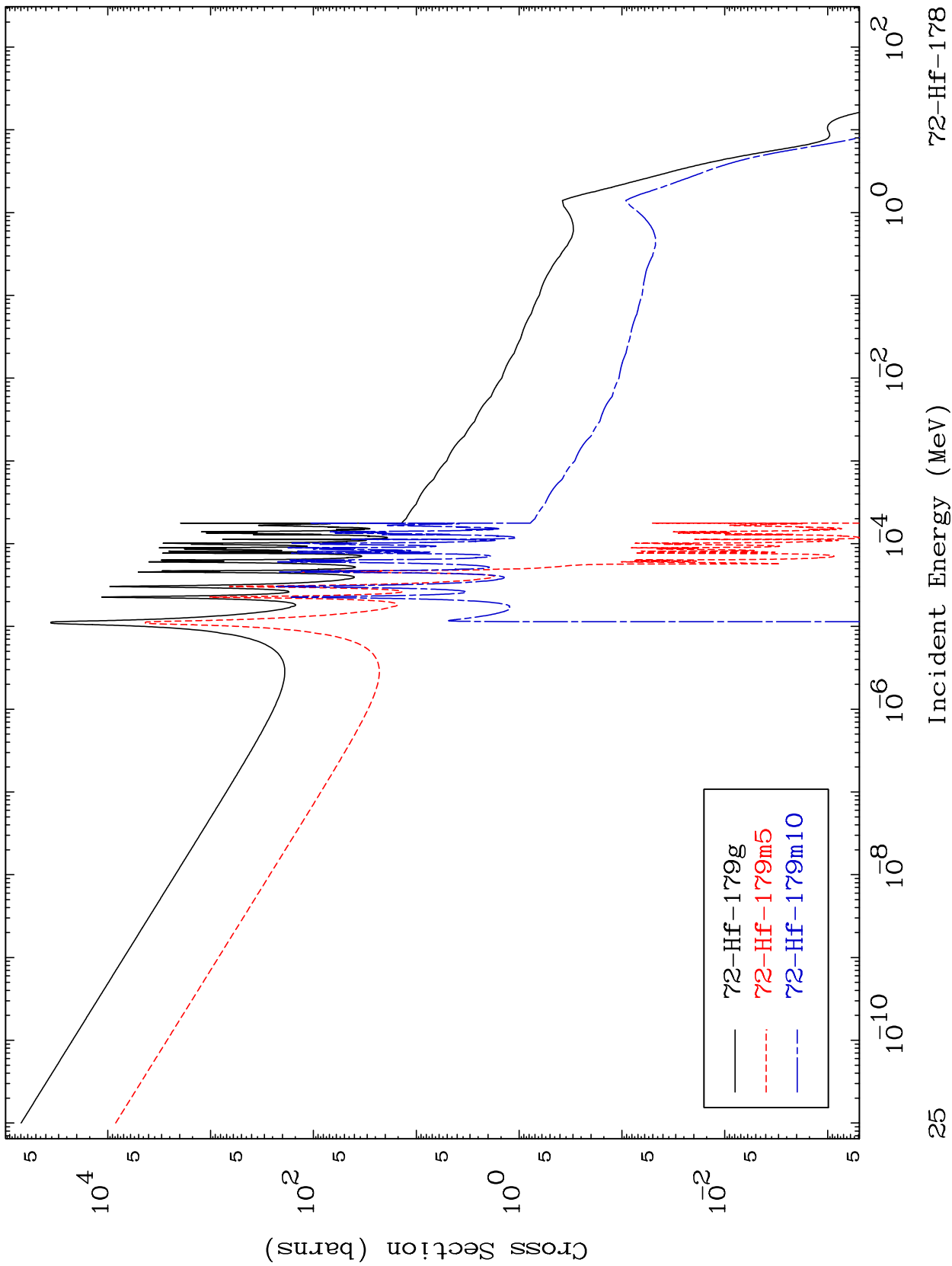
24

MAT 7238

72-Hf-178

Radionuclide Production Cross Section

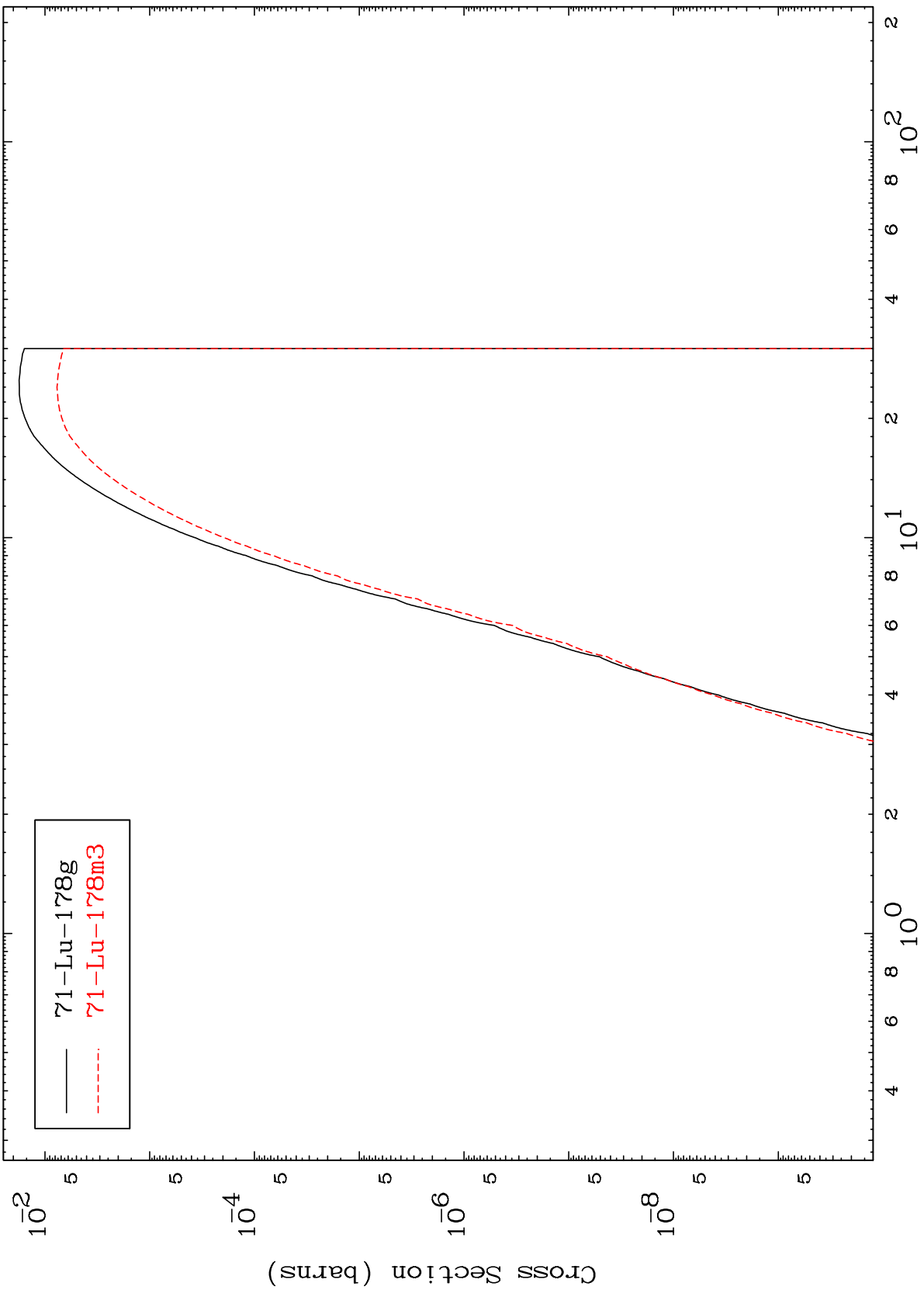
(n, γ)



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72-Hf-178

(n,p)
Radionuclide Production Cross Section



26

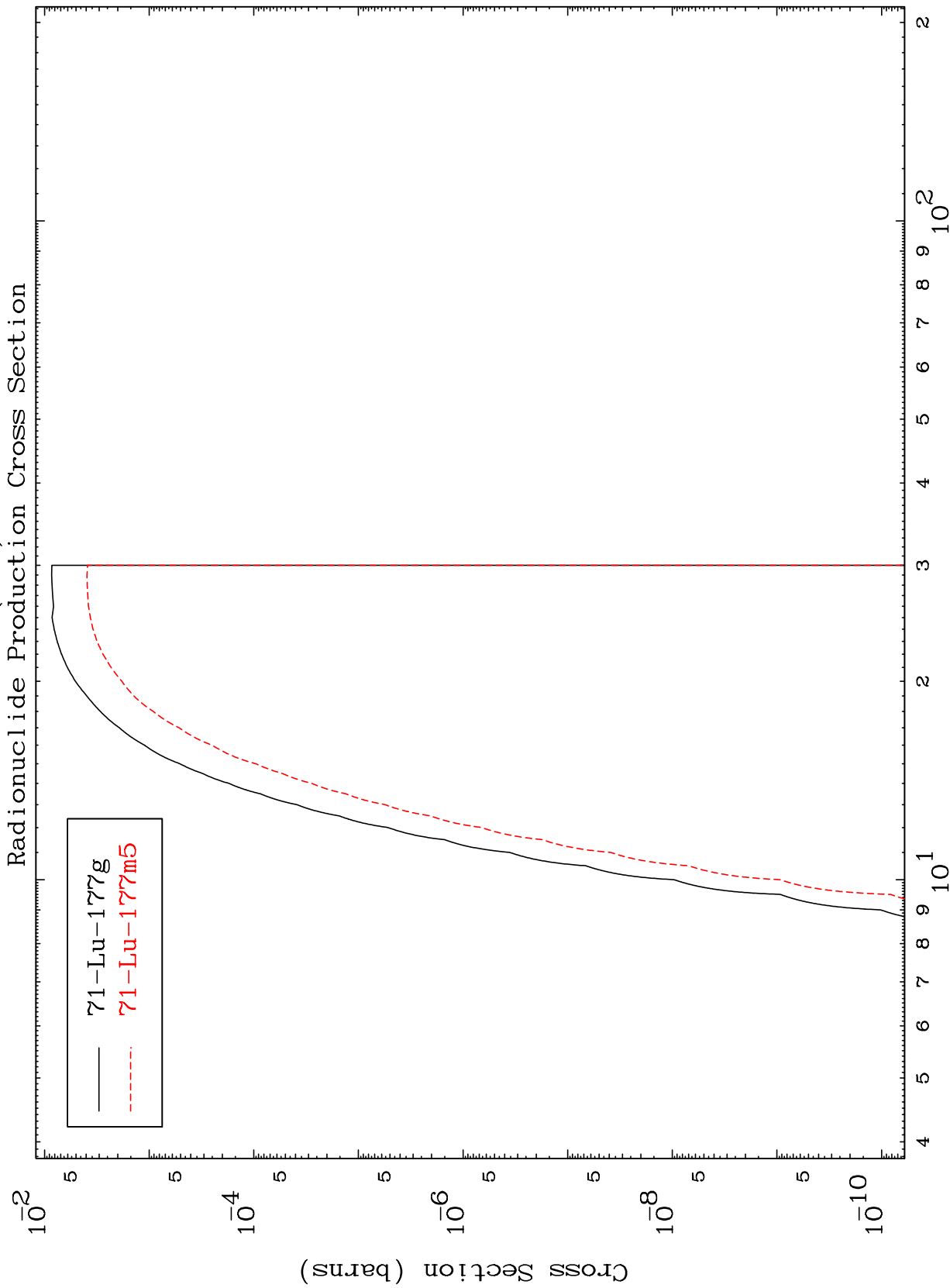
Incident Energy (MeV)

72-Hf-178

MAT 7238

(n, d)

72-Hf-178

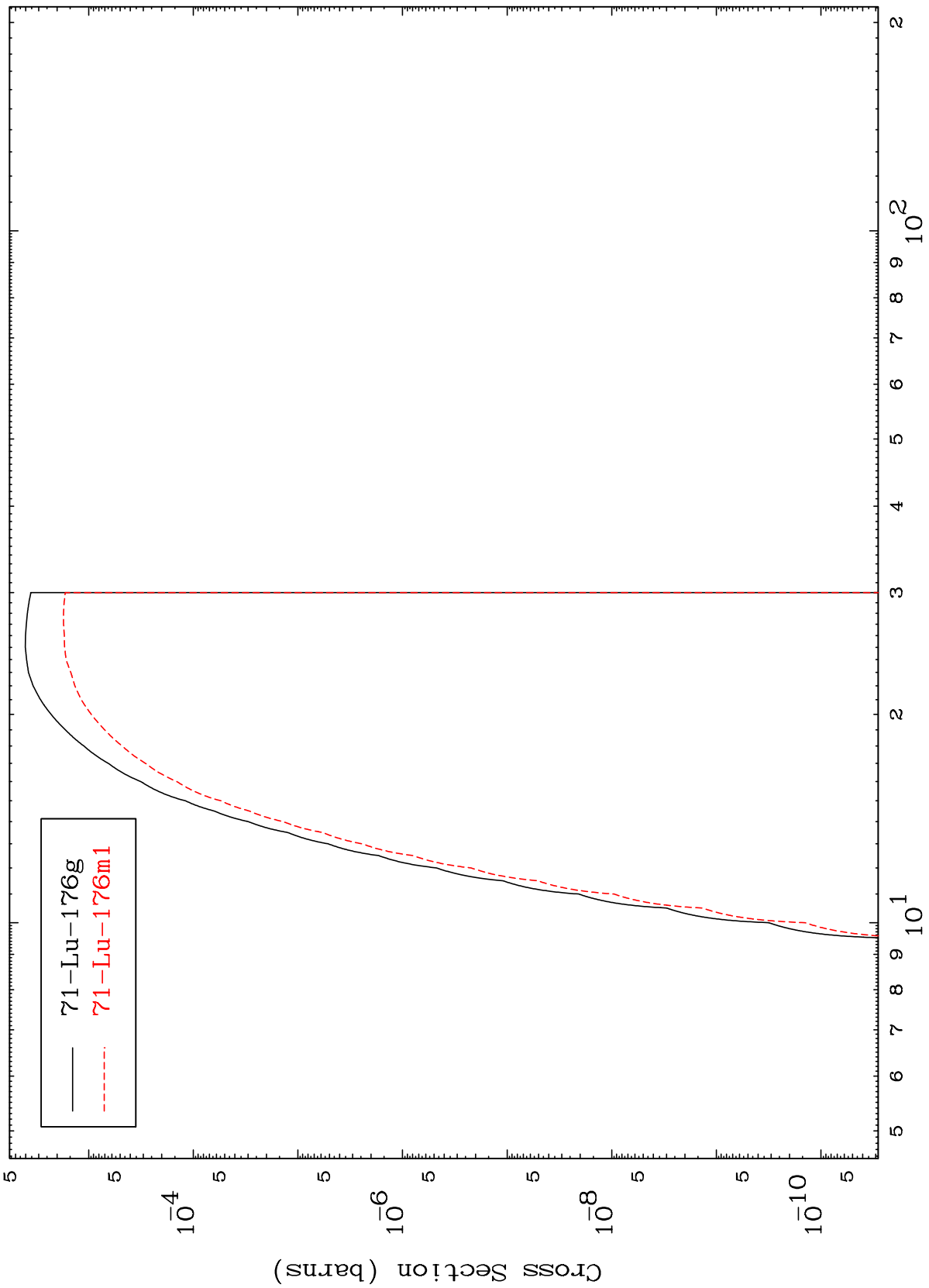


27

Incident Energy (MeV)

72-Hf-178

(n, t)
Radionuclide Production Cross Section

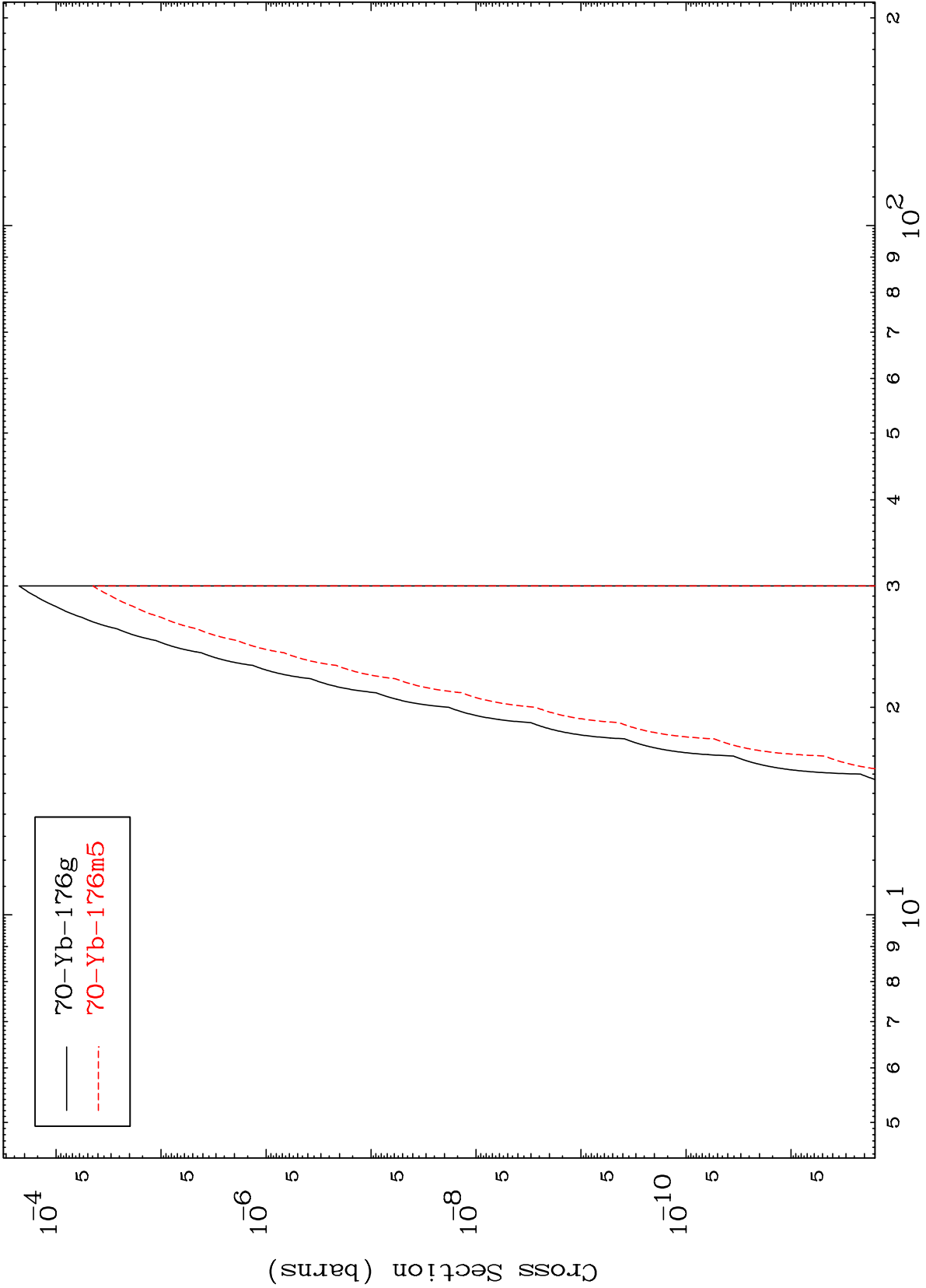


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(n,He-3)

72-Hf-178

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

29

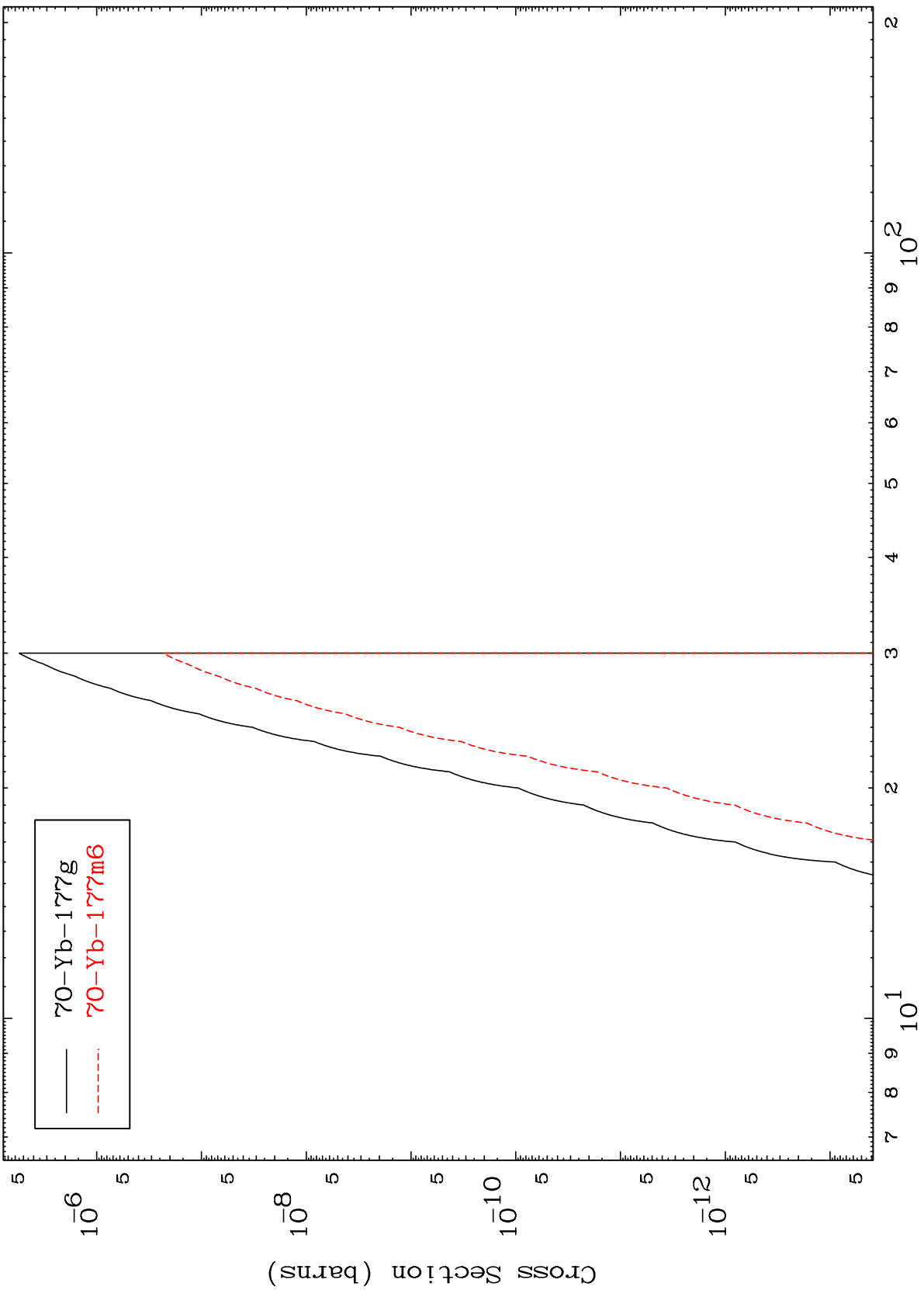
Incident Energy (MeV)

72-Hf-178

MAT 7238

72-Hf-178

(n,2p)
Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

72-Hf-178

Incident Energy (MeV)

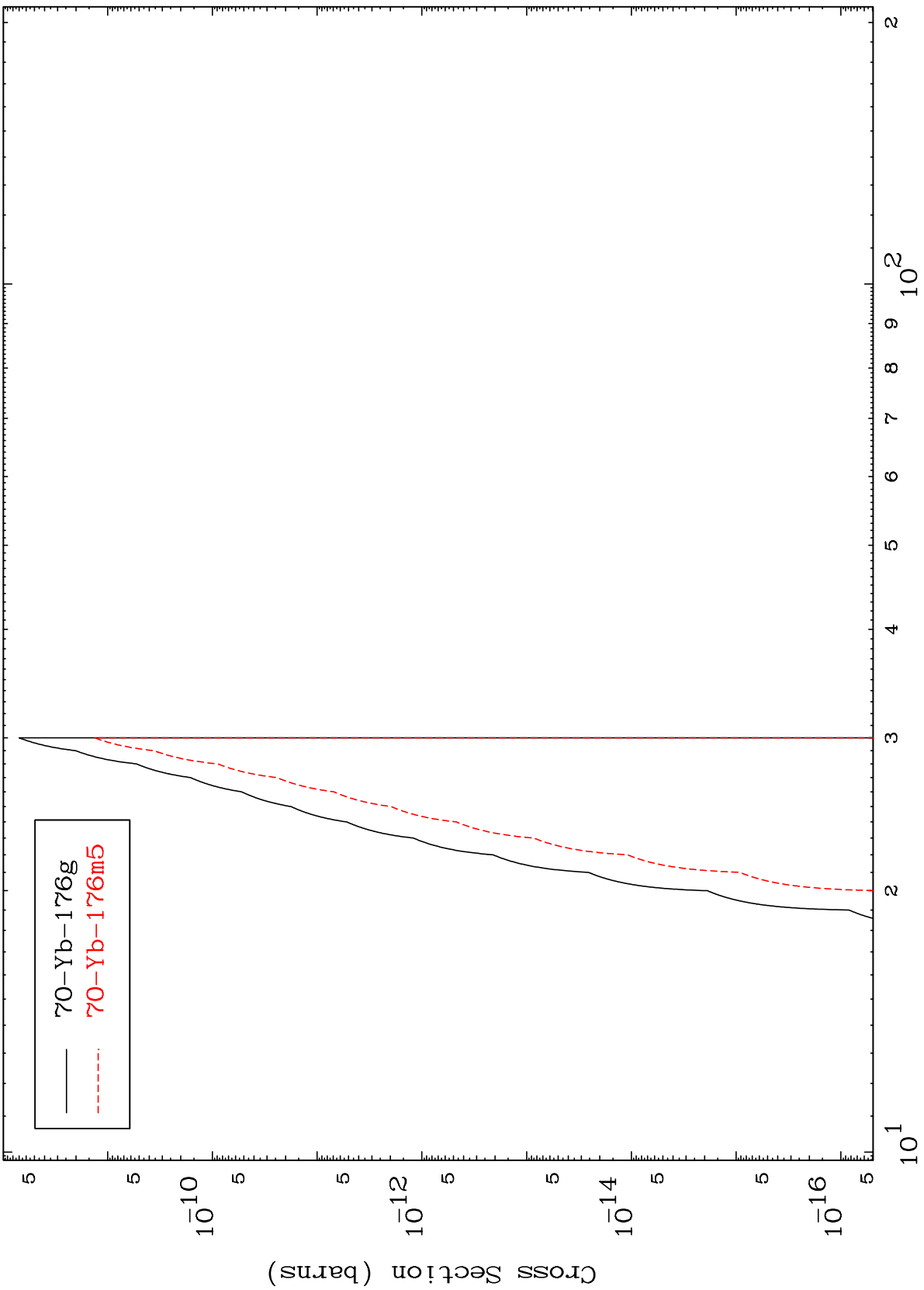
30

MAT 7238

(n,p) d

72-Hf-178

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

Incident Energy (MeV)

72-Hf-178

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