

Program EVALPLOT
(Version 2015-2)

by

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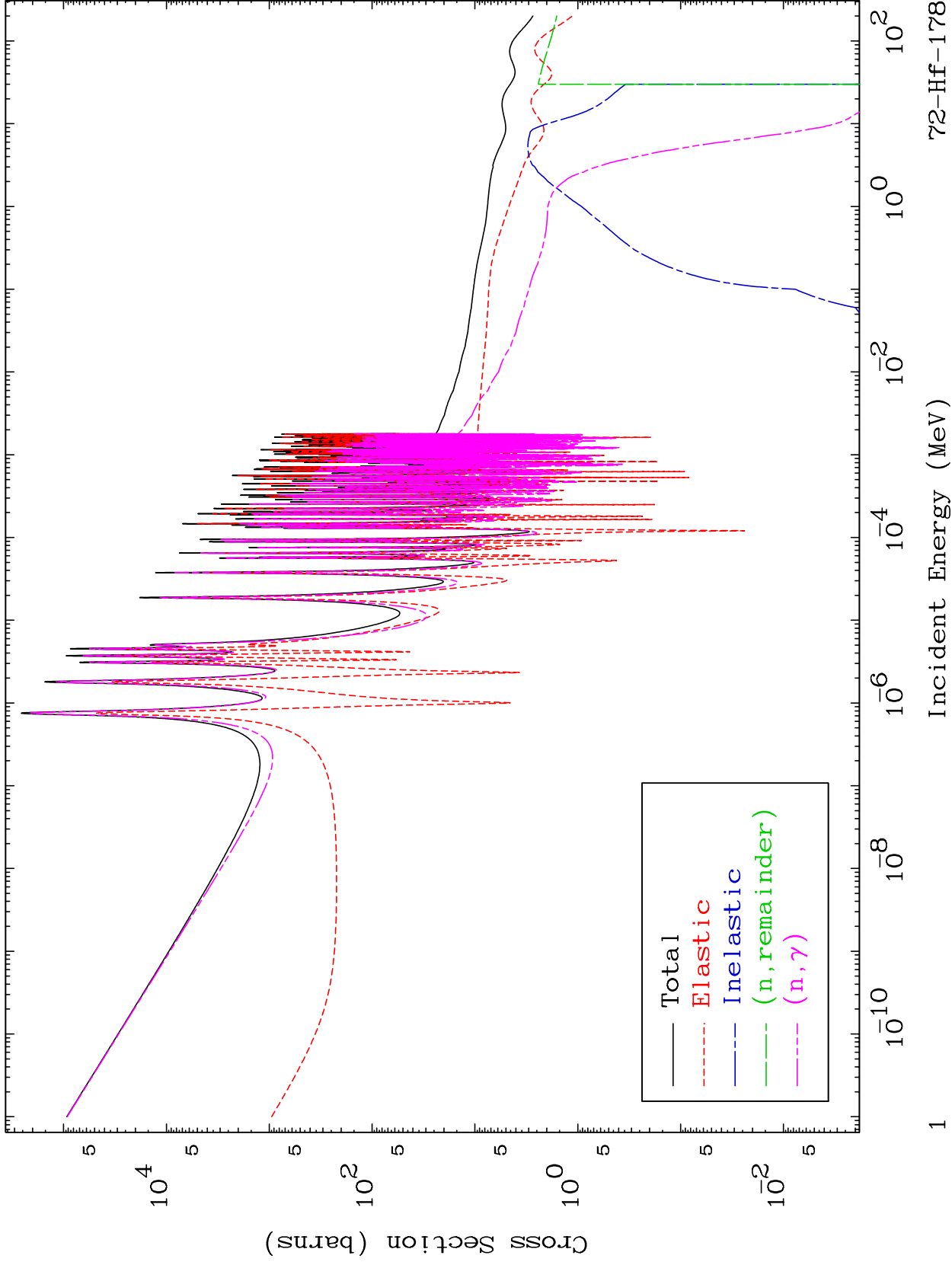
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7239

Major
293 Kelvin Cross Sections

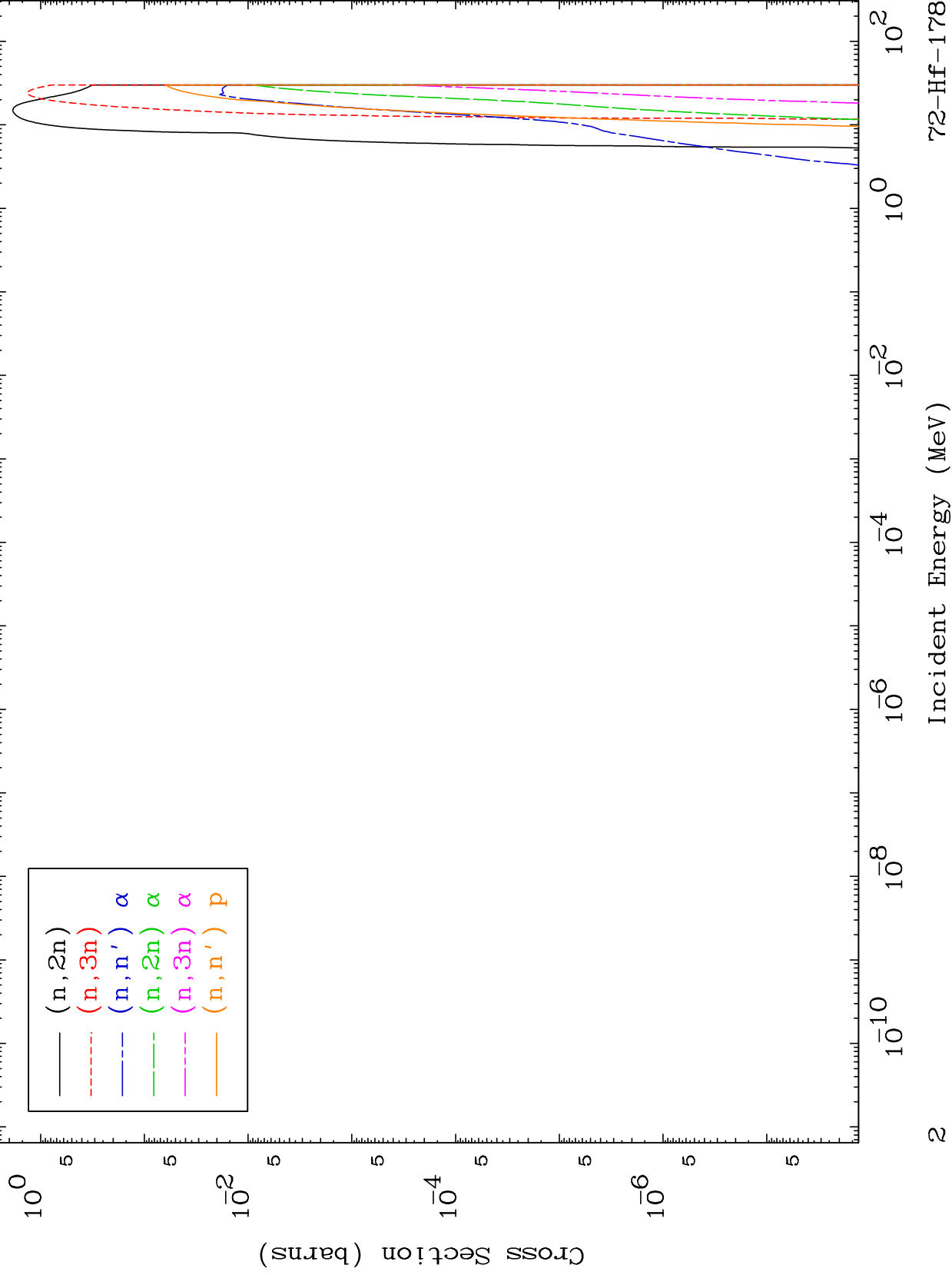
72-Hf-178



MAT 7239

Neutron Production
293 Kelvin Cross Sections

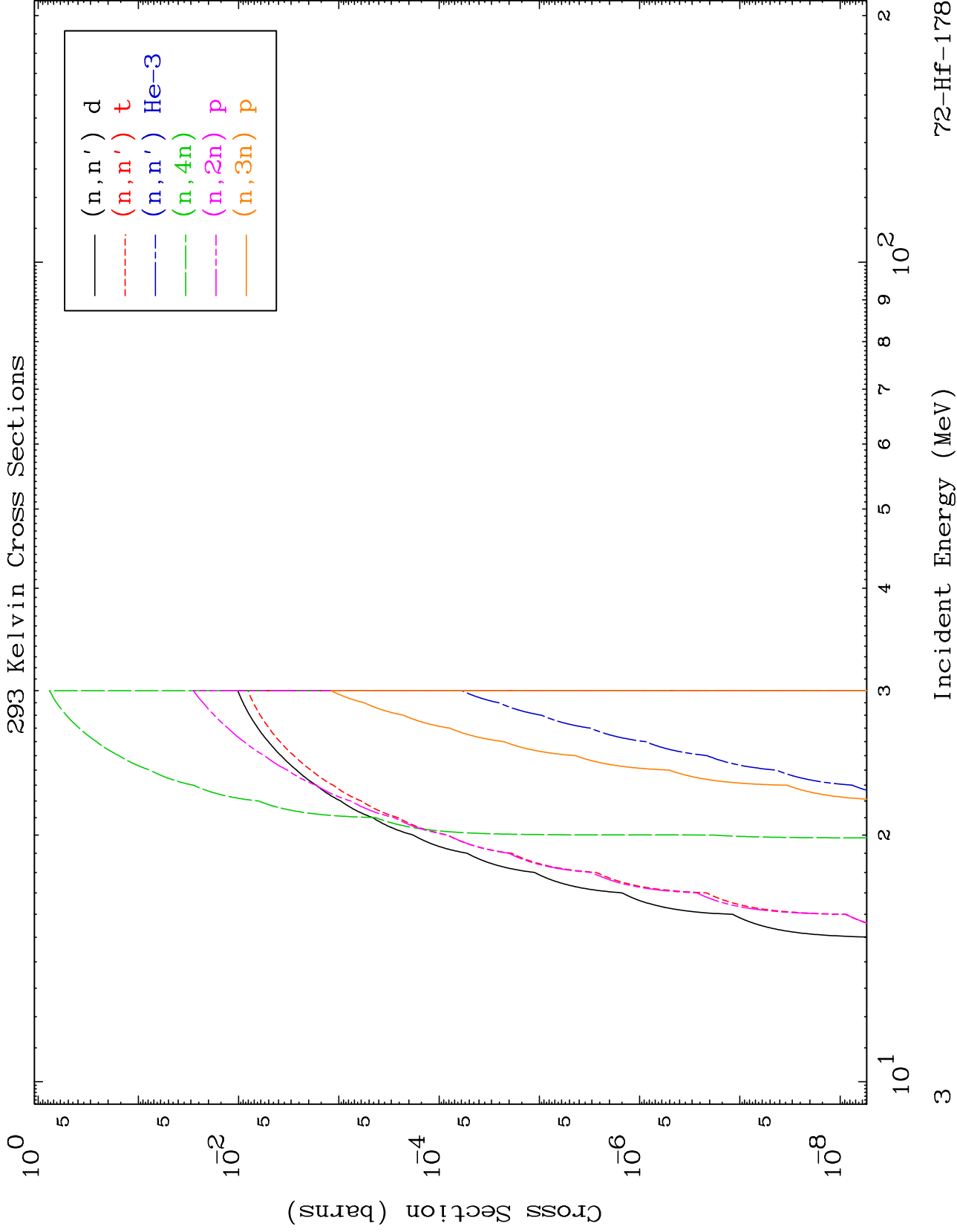
72-Hf-178



MAT 7239

Neutron Production
293 Kelvin Cross Sections

72-Hf-178



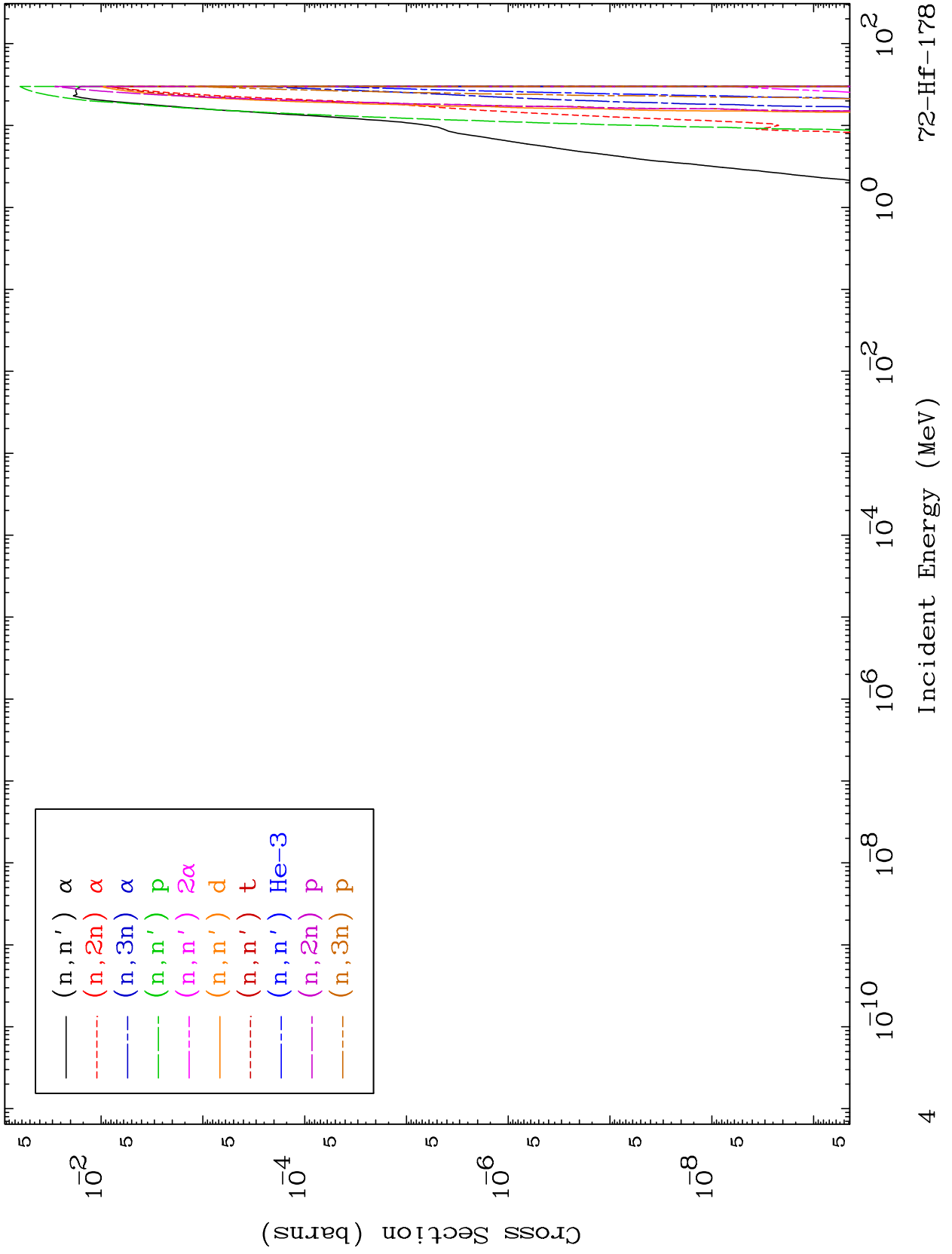
72-Hf-178

Incident Energy (MeV)

MAT 7239

Charged Particle
293 Kelvin Cross Sections

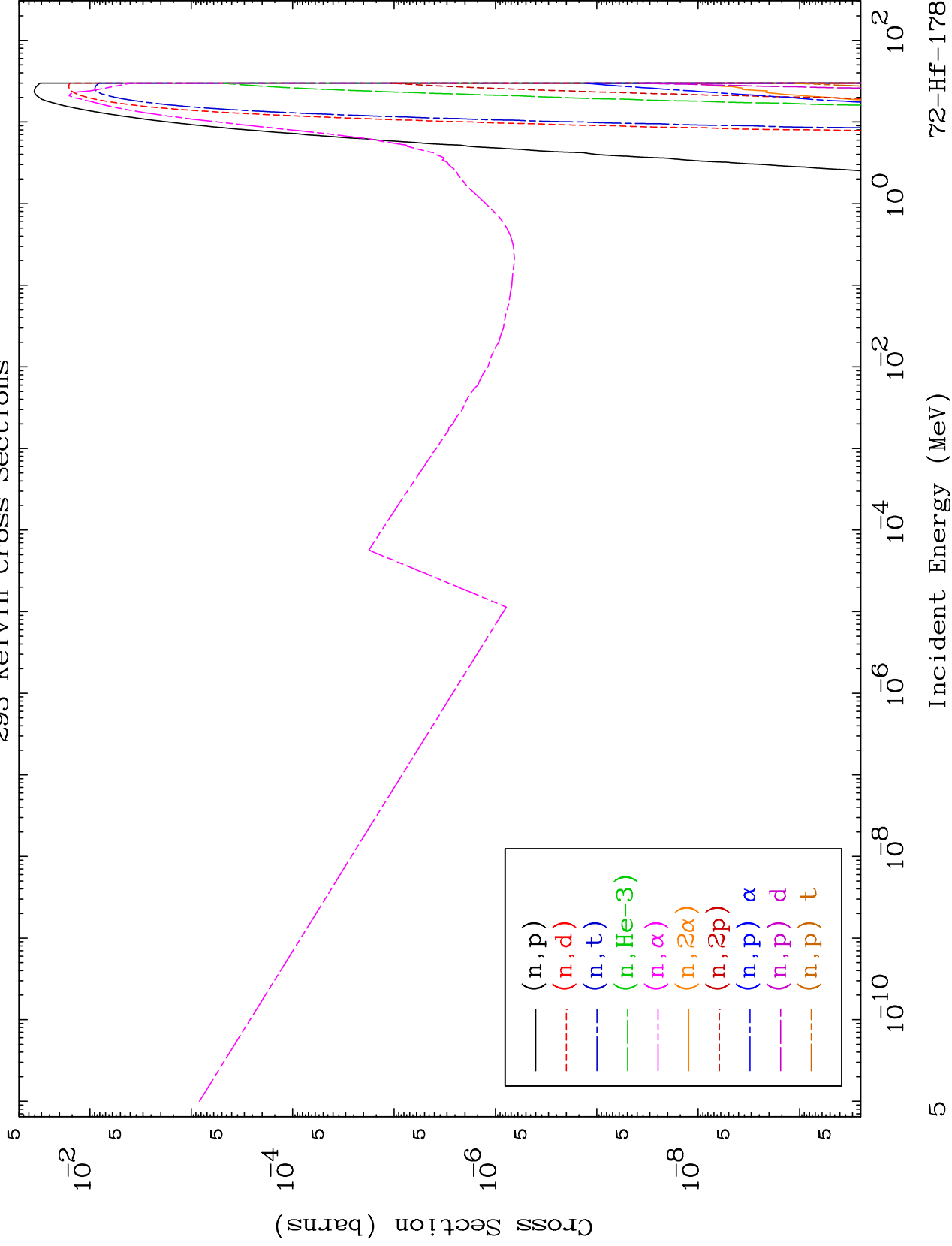
72-Hf-178

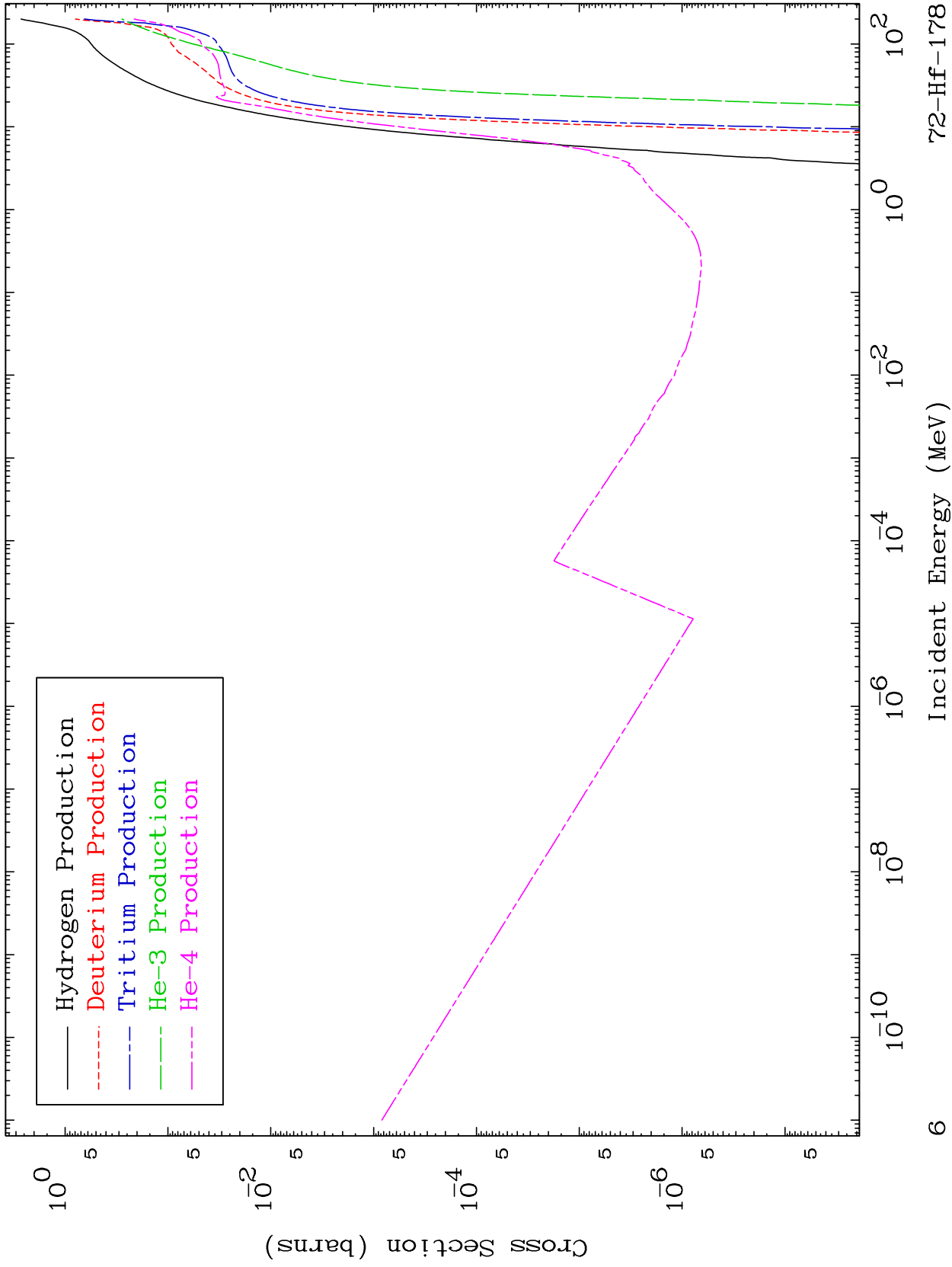


MAT 7239

Charged Particle
293 Kelvin Cross Sections

72-Hf-178

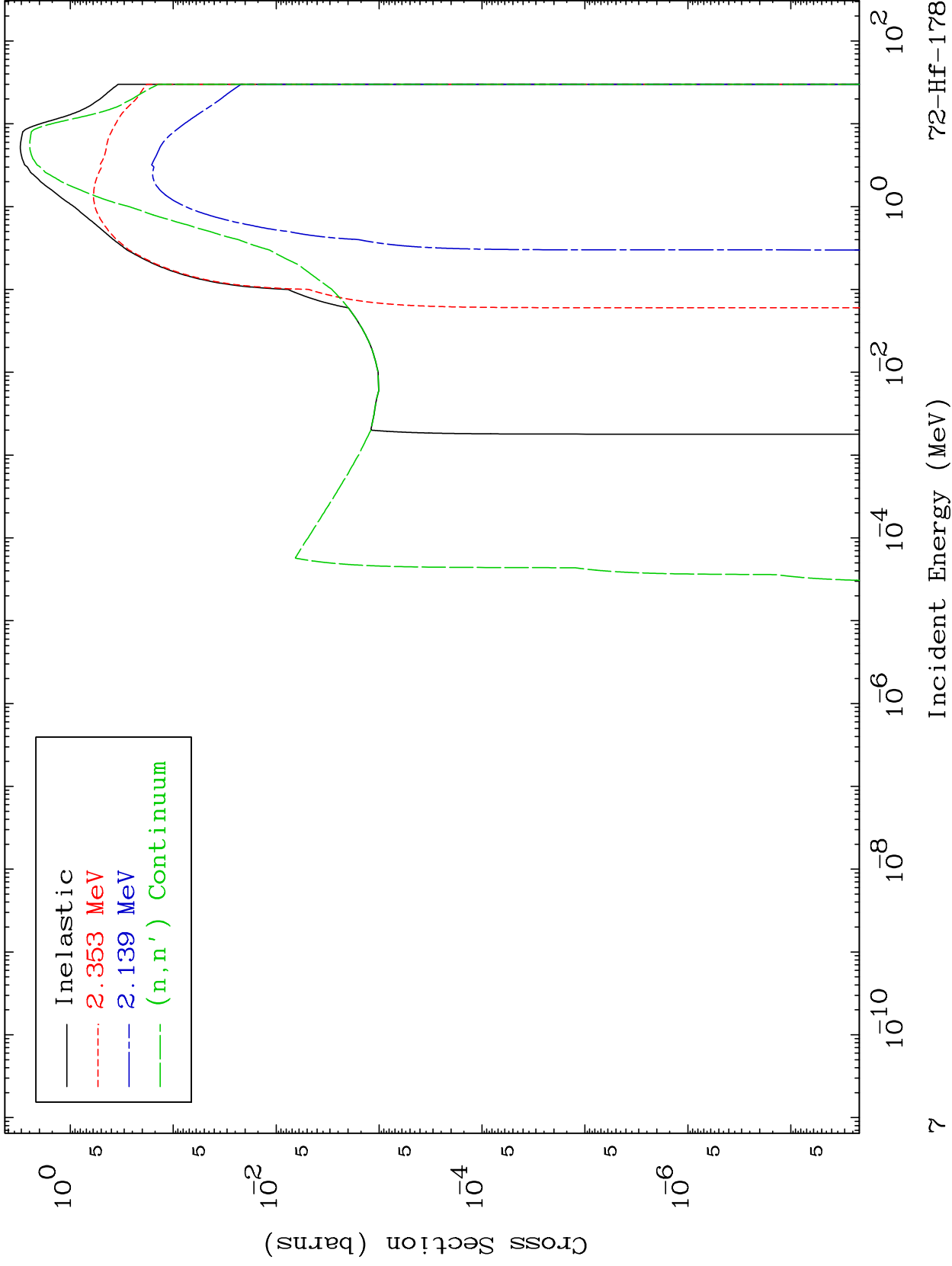




MAT 7239

(n,n') Level
293 Kelvin Cross Sections

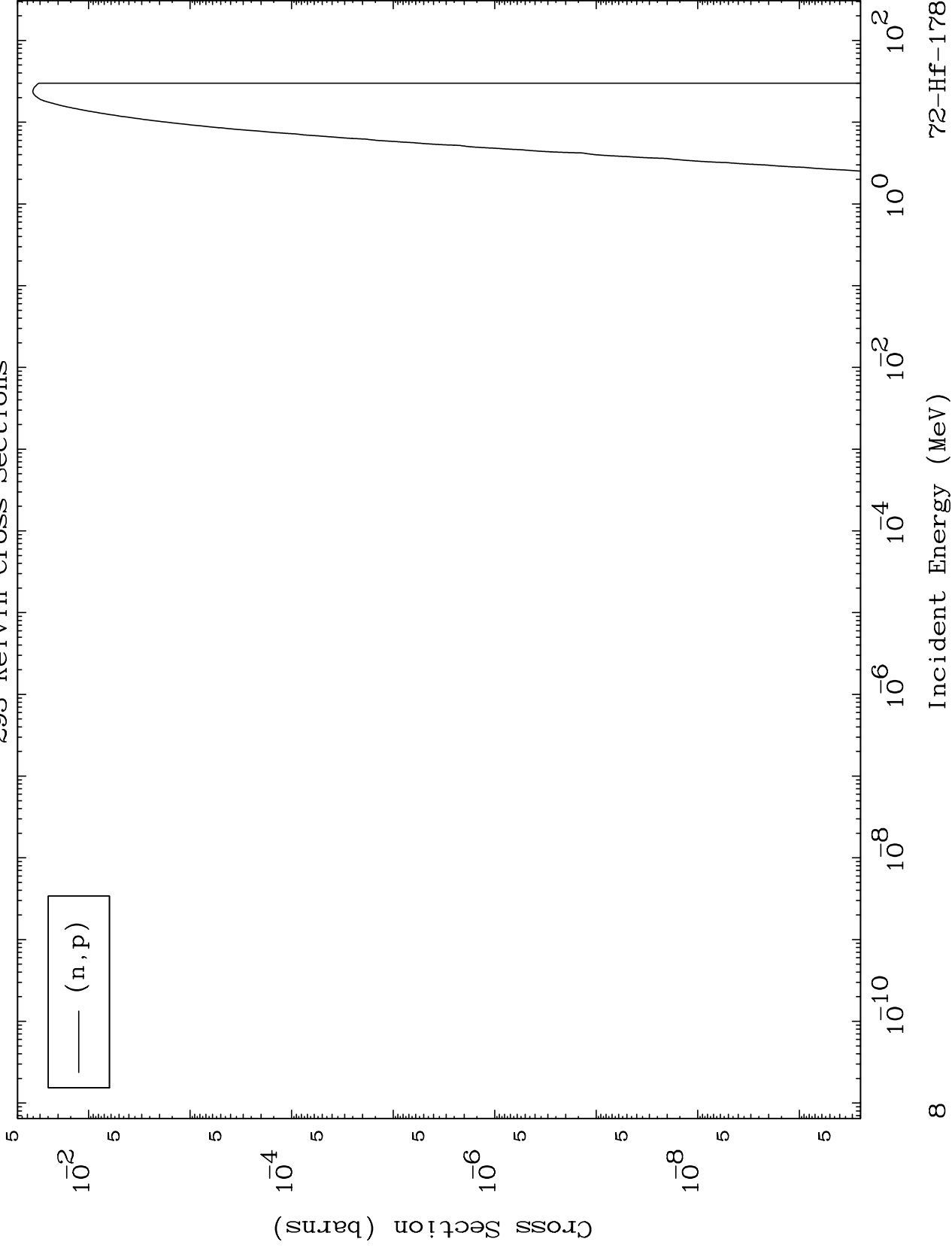
72-Hf-178



MAT 7239

(n,p) Levels
293 Kelvin Cross Sections

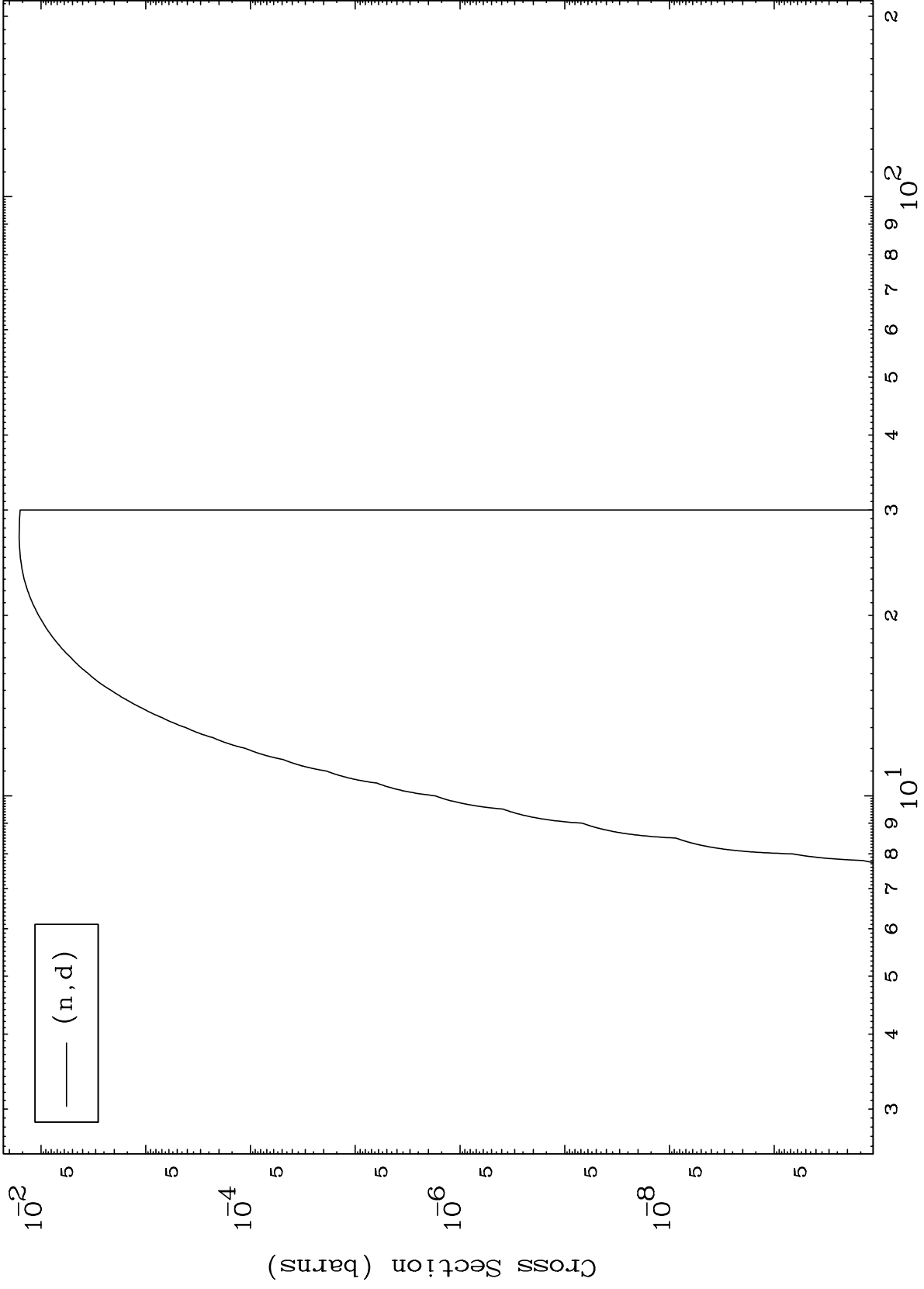
72-Hf-178



MAT 7239

(n,d) Levels
293 Kelvin Cross Sections

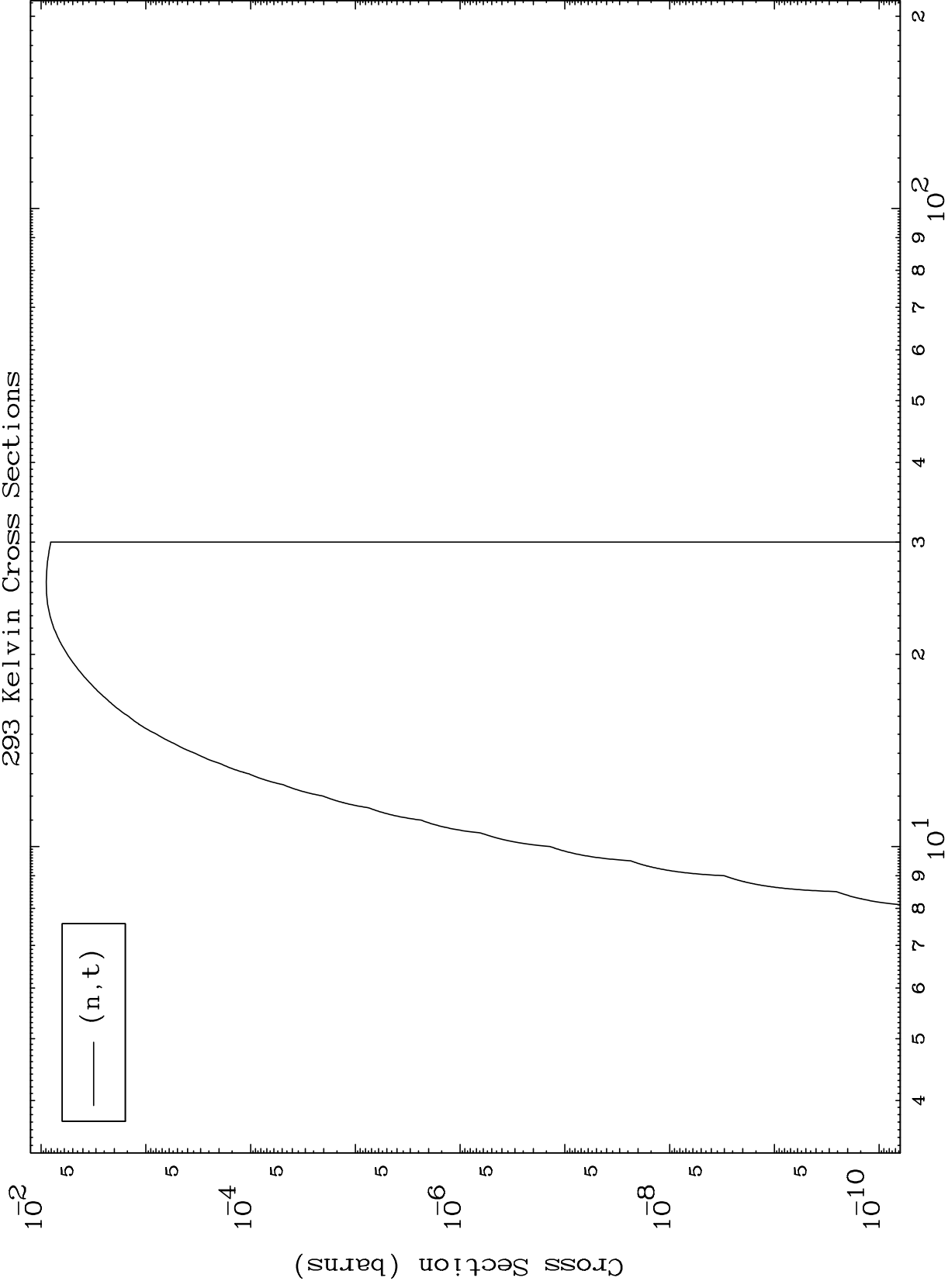
72-Hf-178



MAT 7239

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-178



10

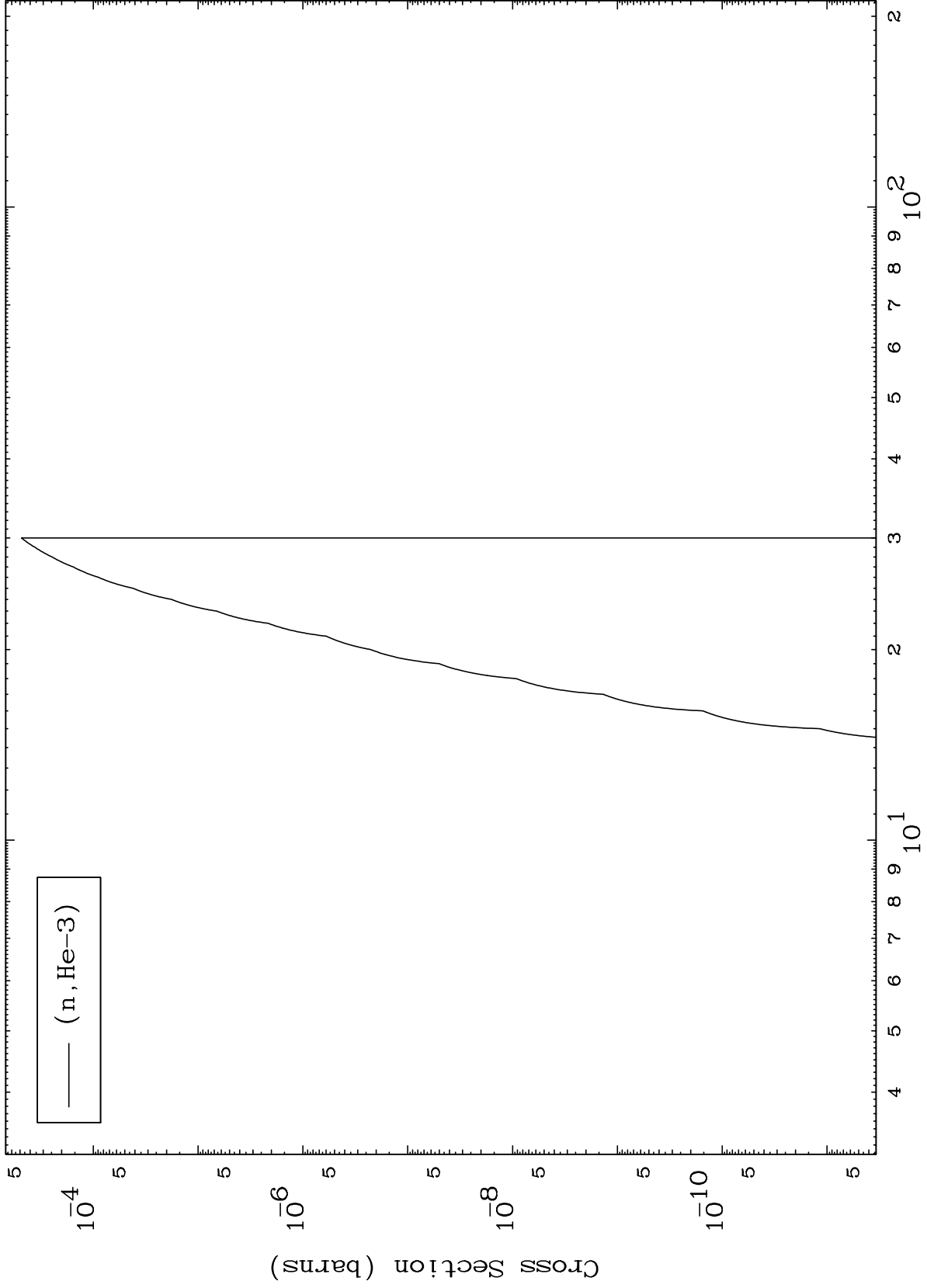
Incident Energy (MeV)

72-Hf-178

MAT 7239

(n,He3) Levels
293 Kelvin Cross Sections

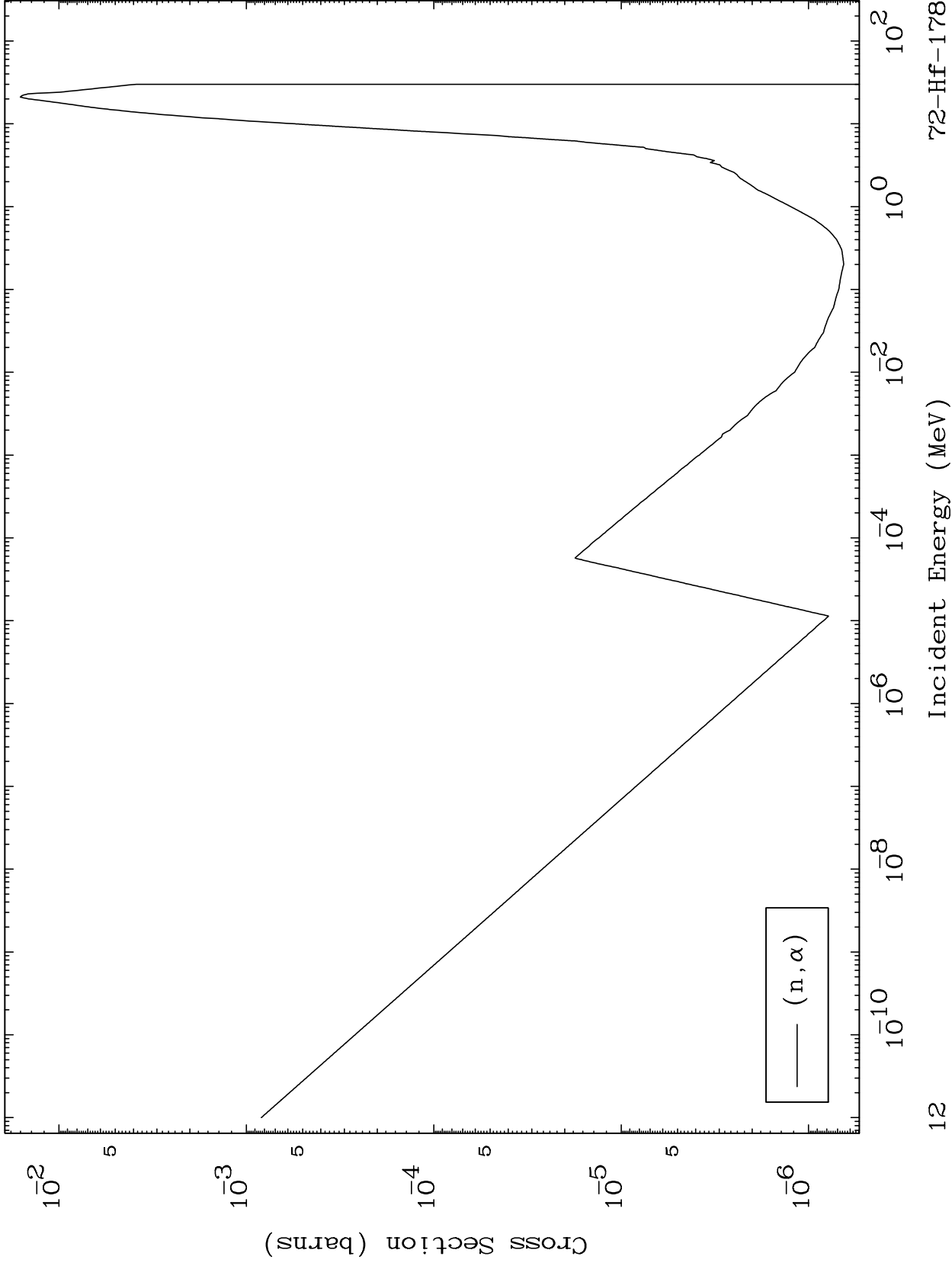
72-Hf-178

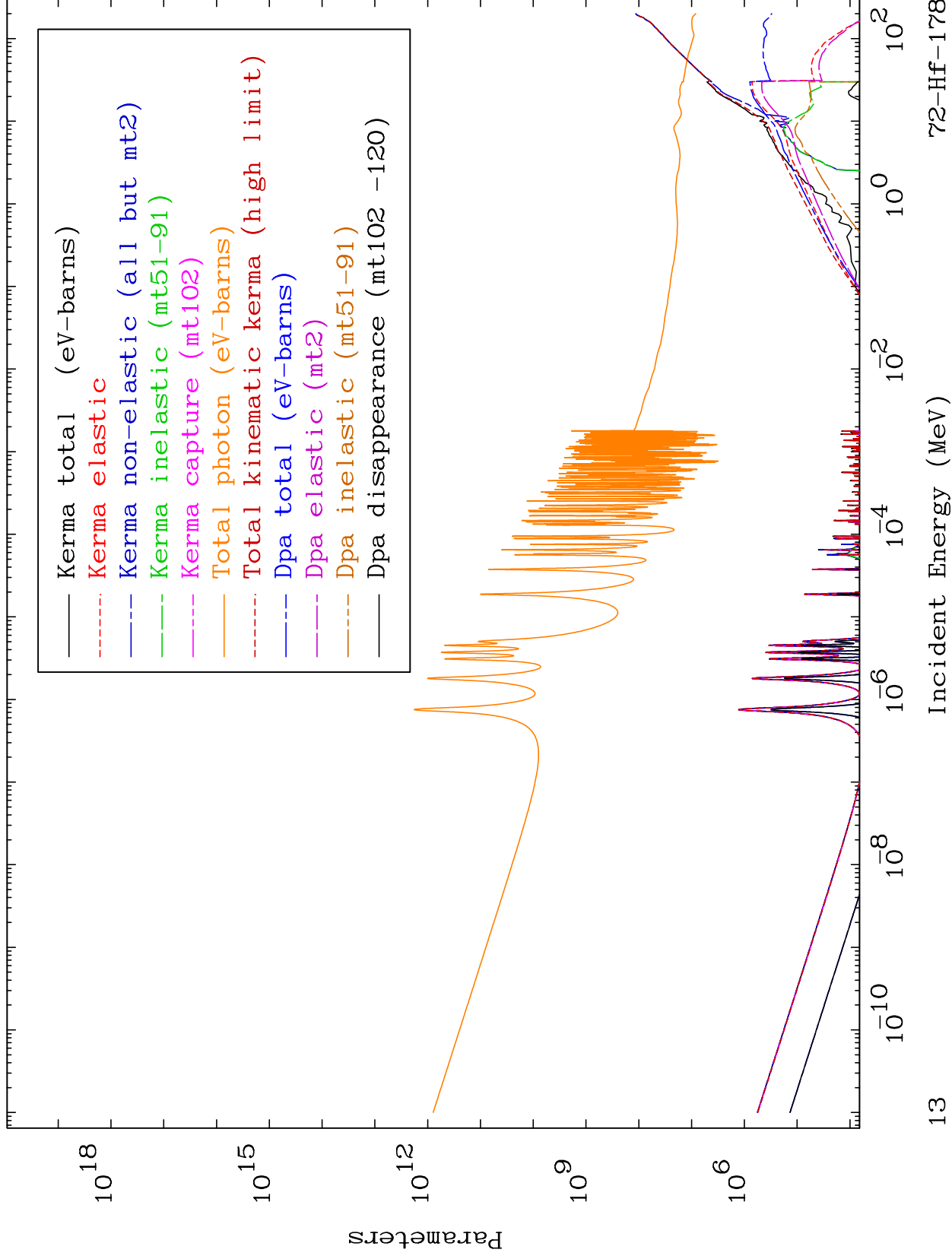


MAT 7239

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-178

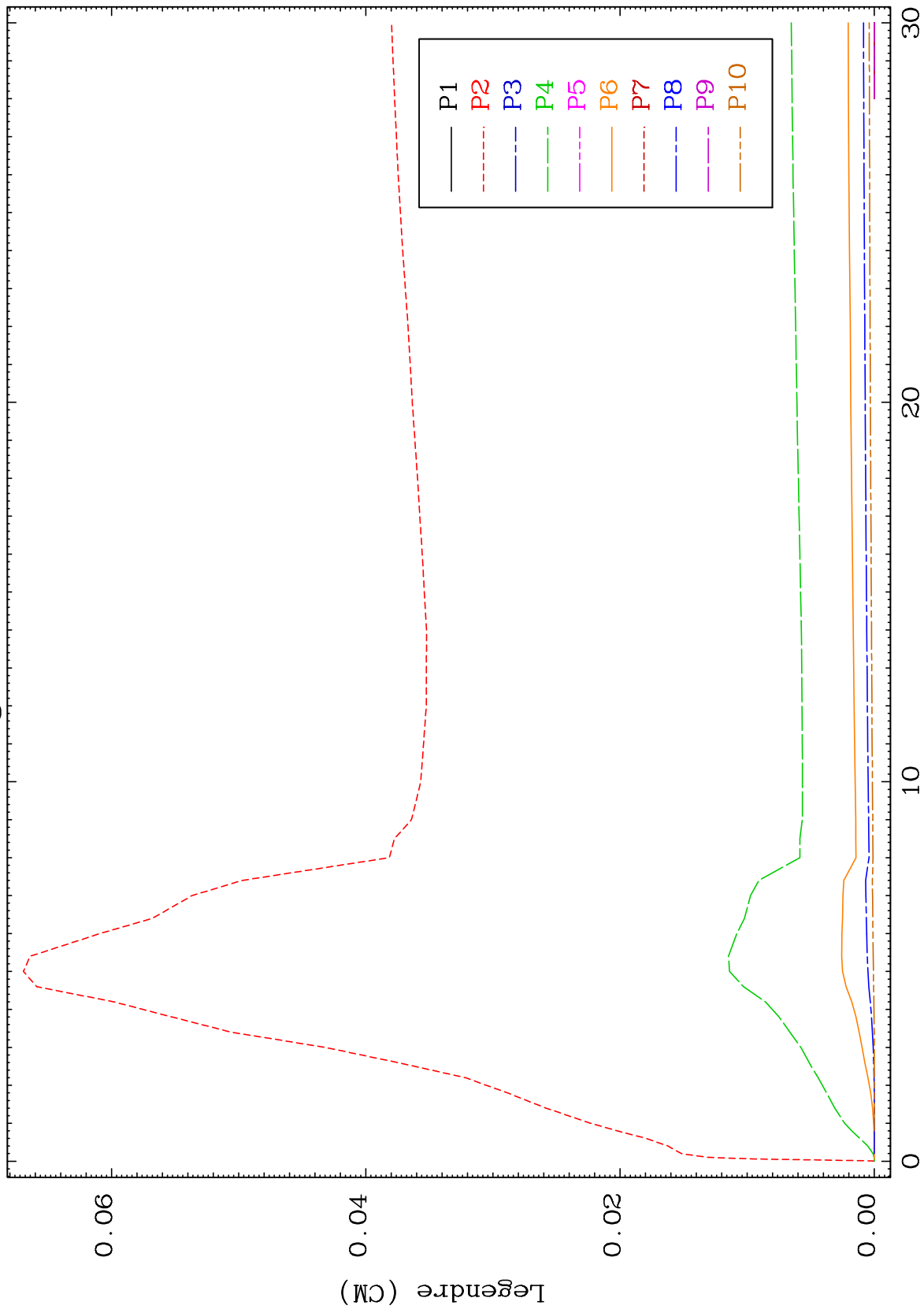




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Elastic Legendre Coefficients

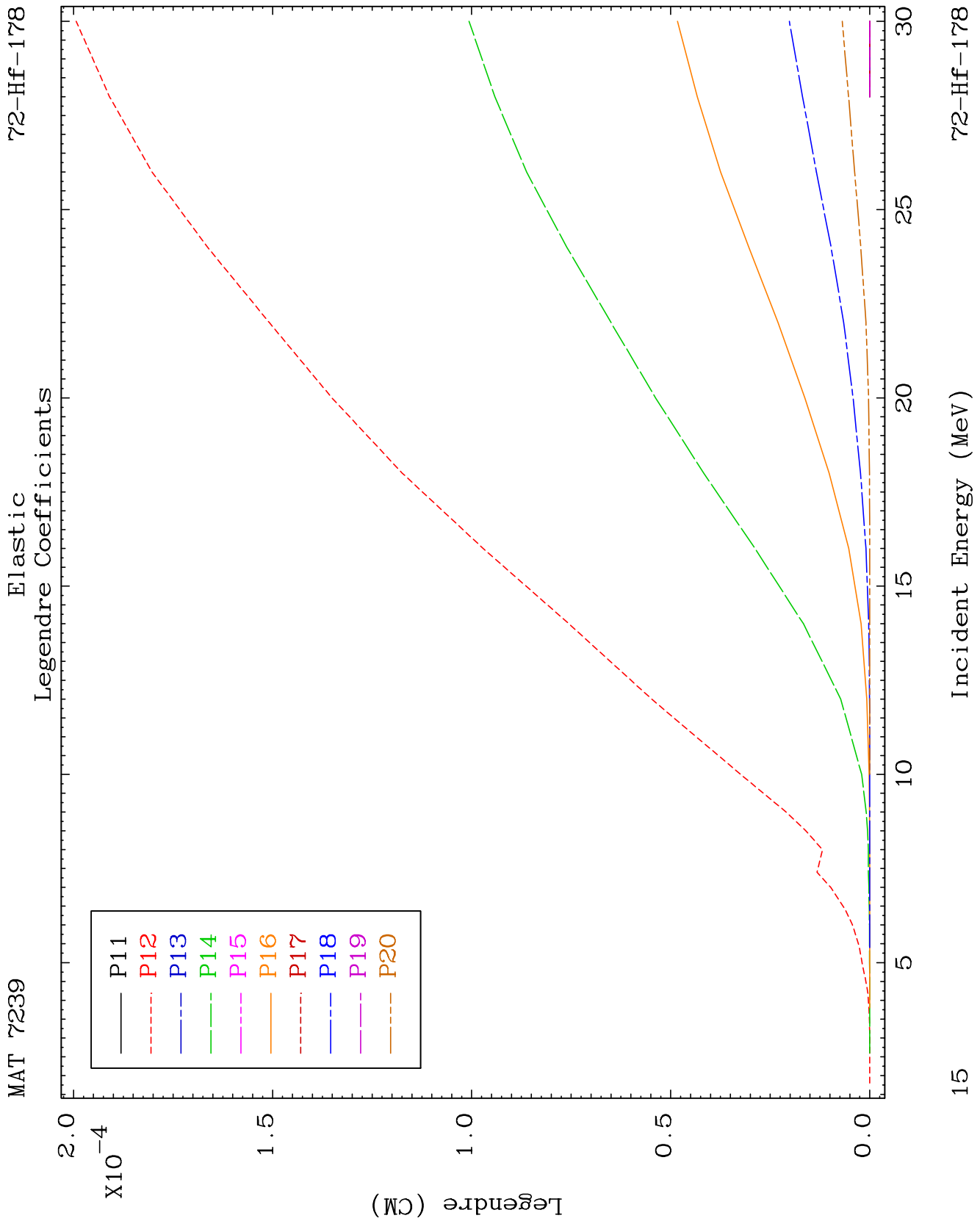
72-Hf-178



14

Incident Energy (MeV)

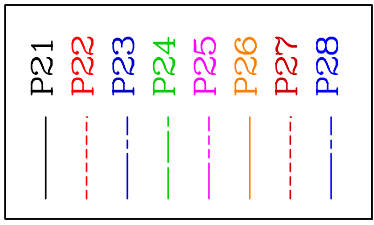
72-Hf-178



MAT 7239

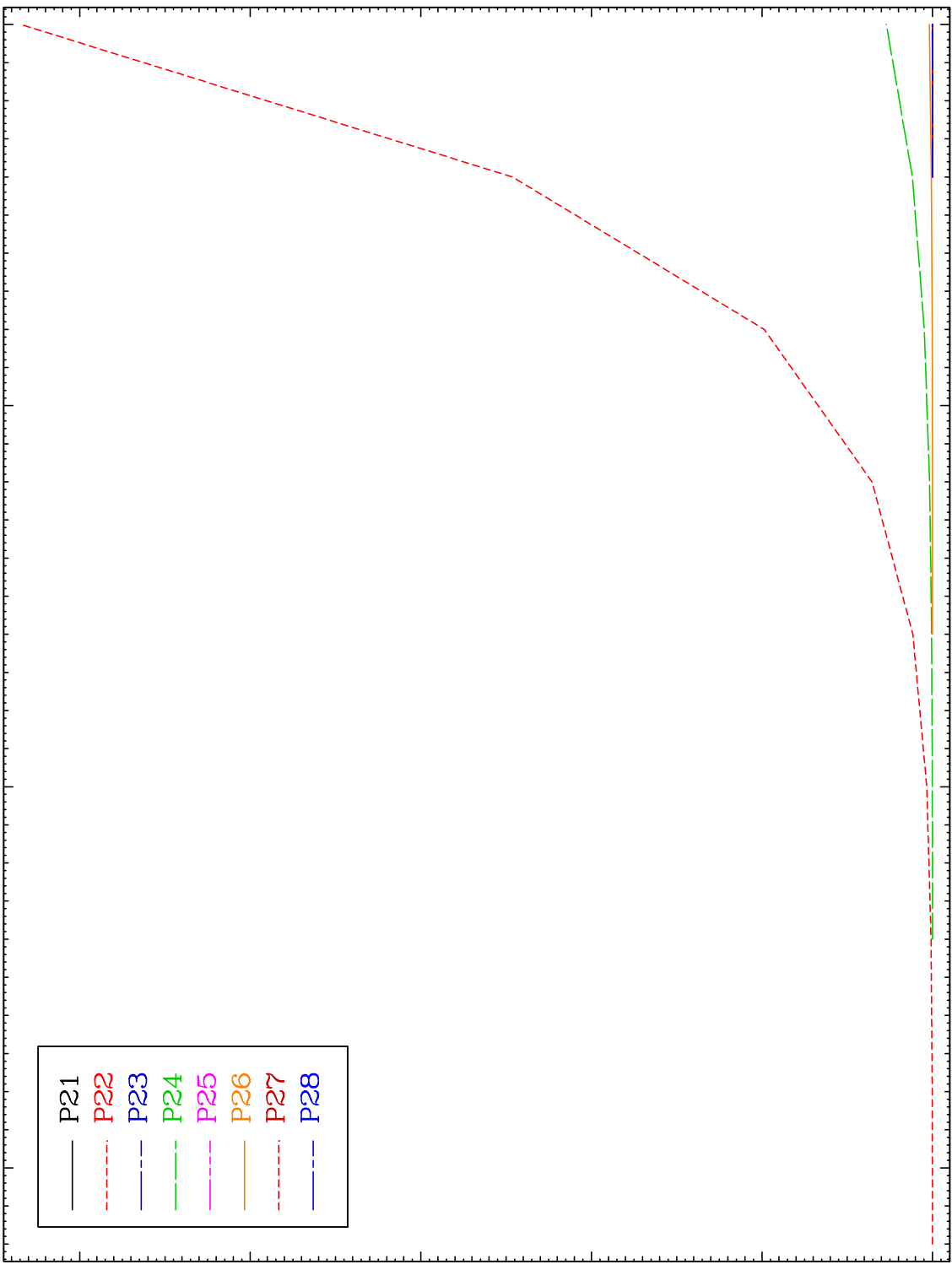
Elastic Legendre Coefficients

72-Hf-178



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

16

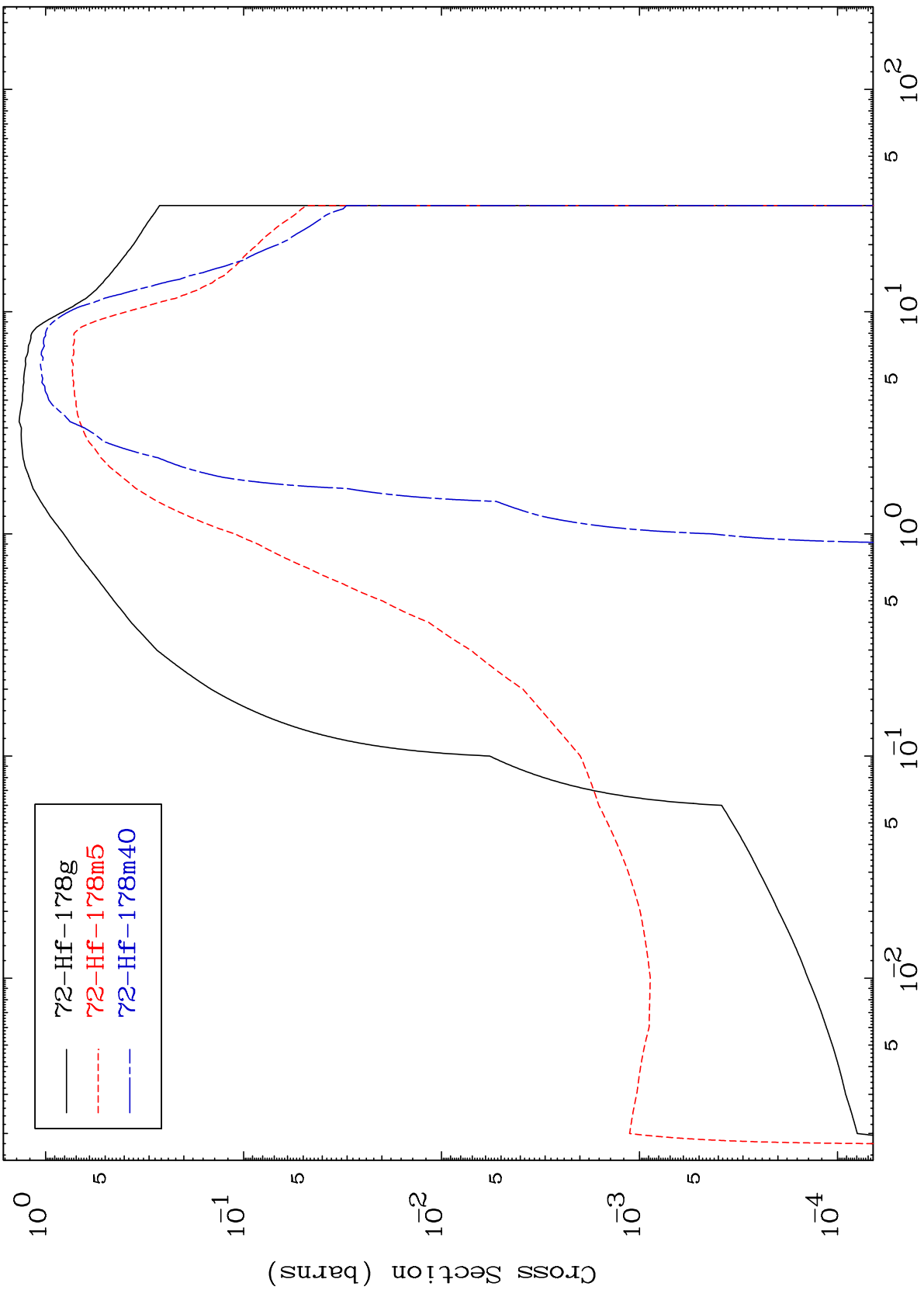
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

Radionuclide Production Cross Section



17

72-Hf-178

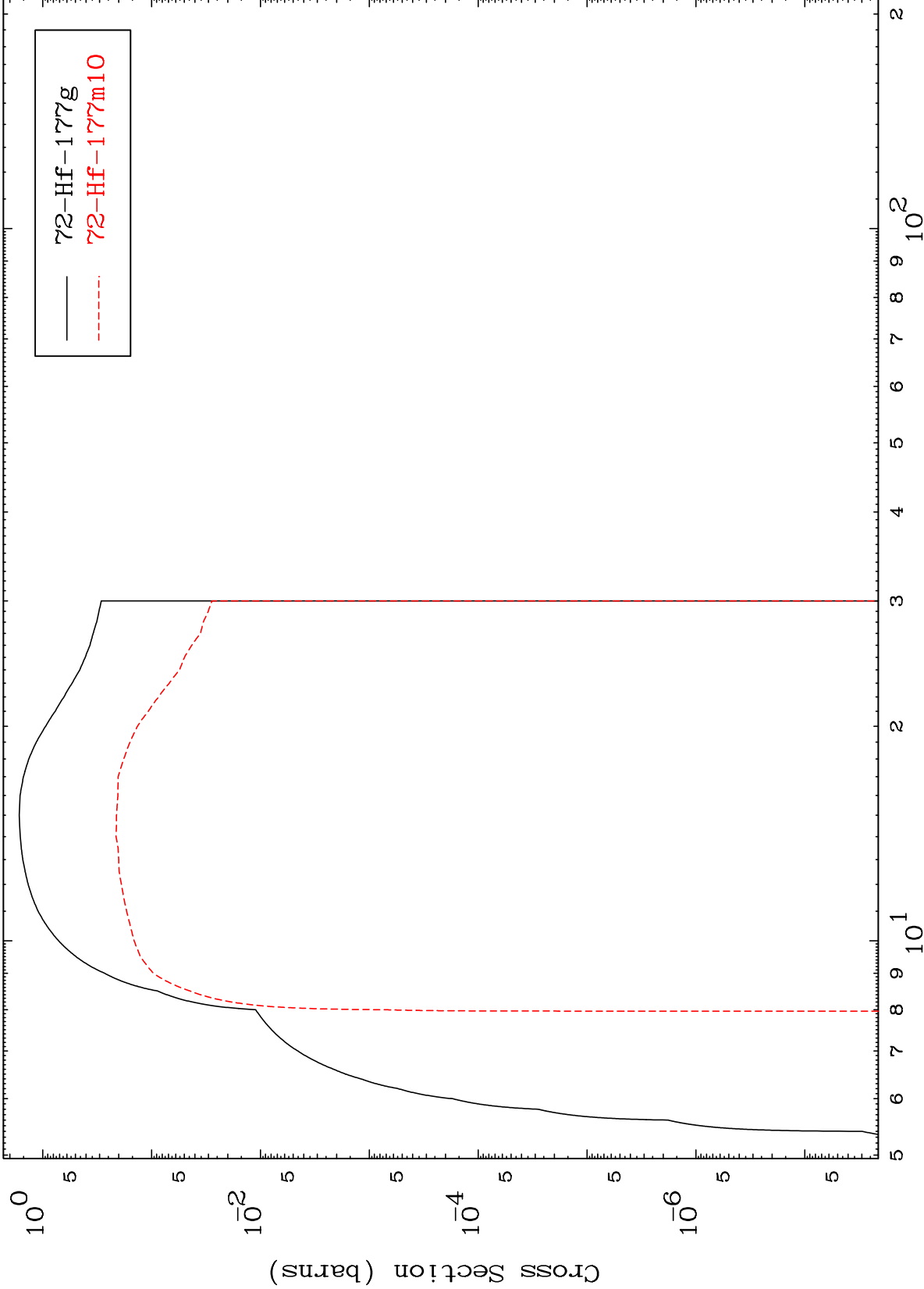
Incident Energy (MeV)

MAT 7239

(n,2n)

72-Hf-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

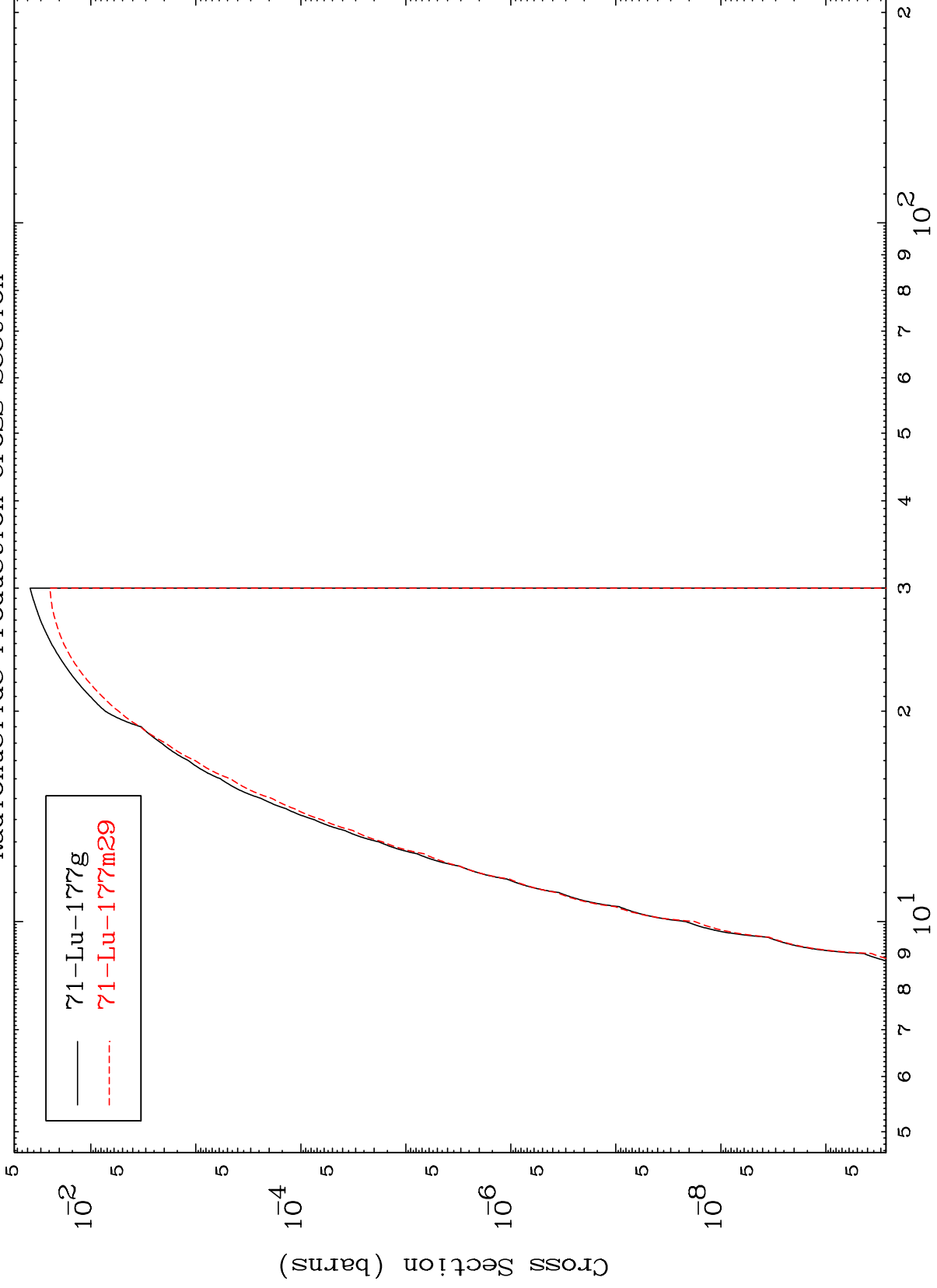
72-Hf-178

MAT 7239

(n,n') p

72-Hf-178

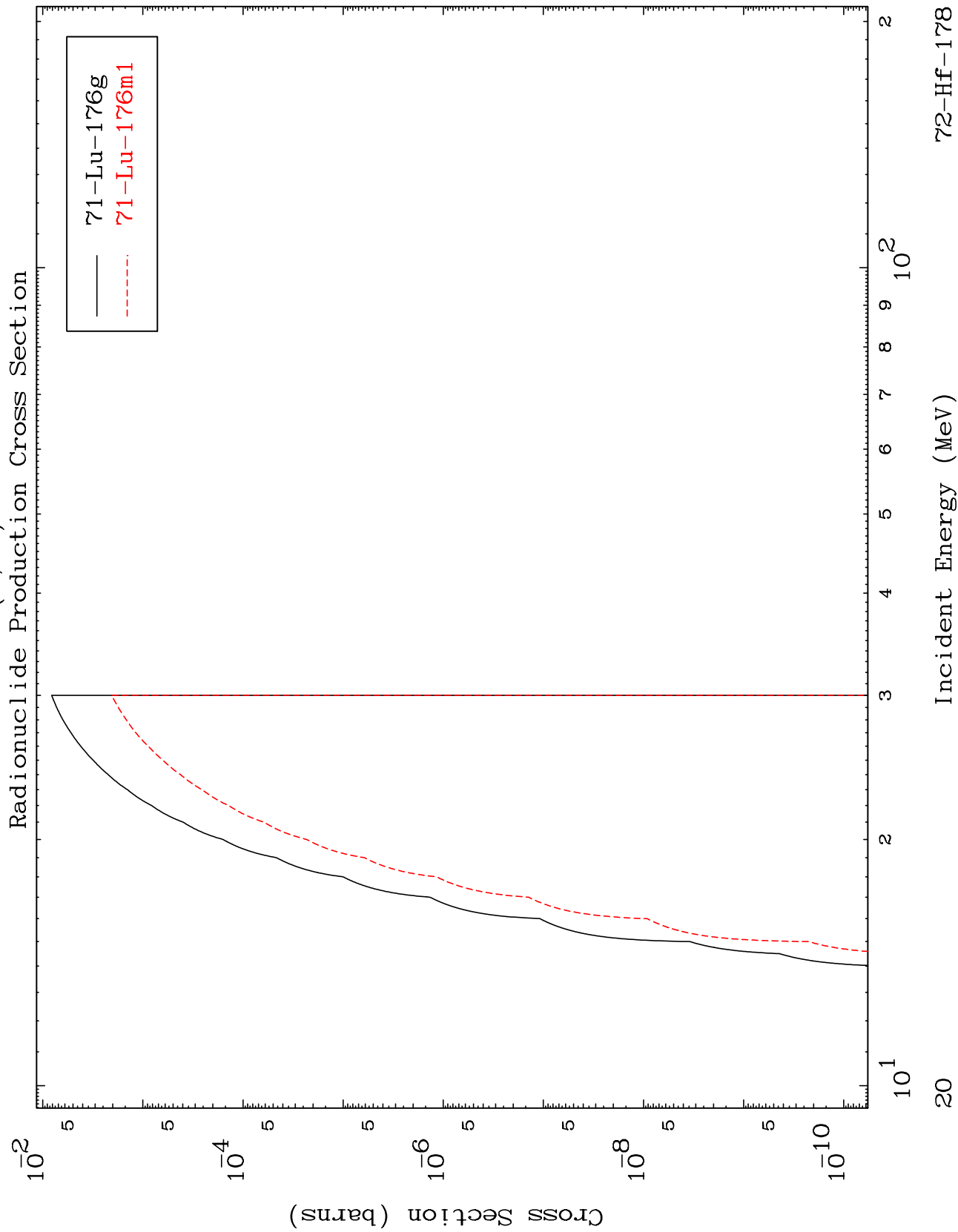
Radionuclide Production Cross Section



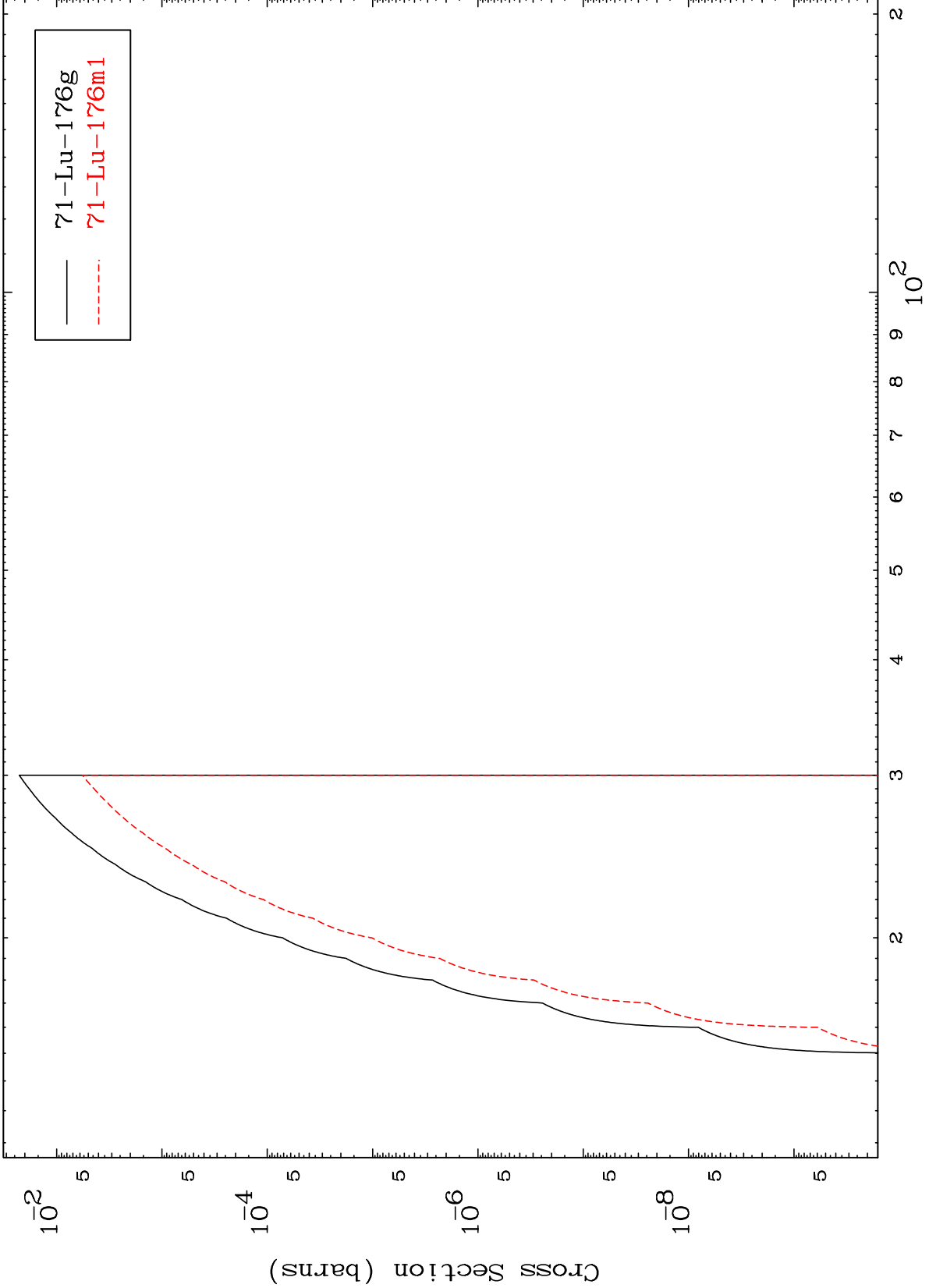
MAT 7239

(n,n') d

72-Hf-178



Radionuclide Production Cross Section



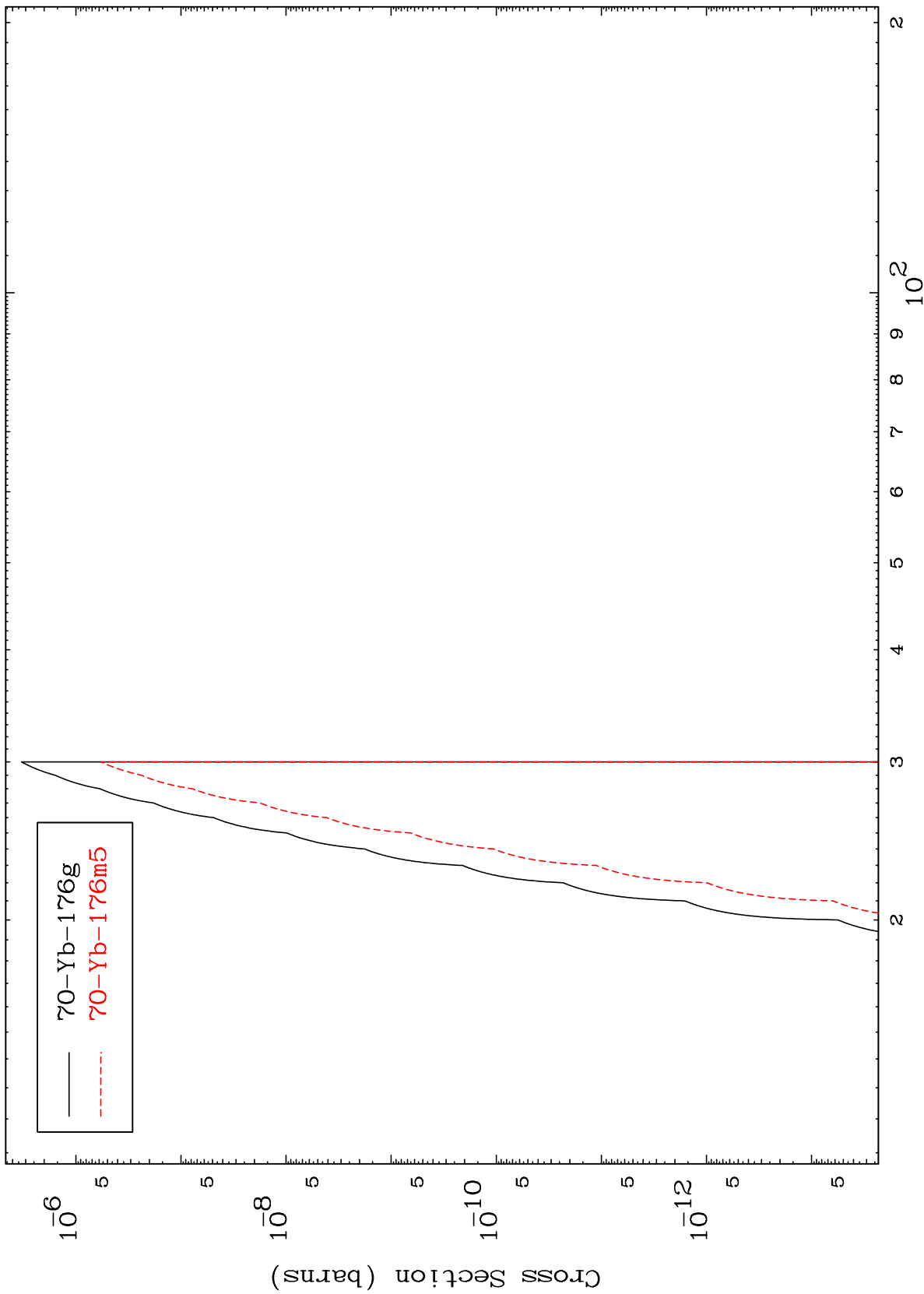
71-Lu-176g
71-Lu-176m1

MAT 7239

(n,2n) p

72-Hf-178

Radionuclide Production Cross Section



Incident Energy (MeV)

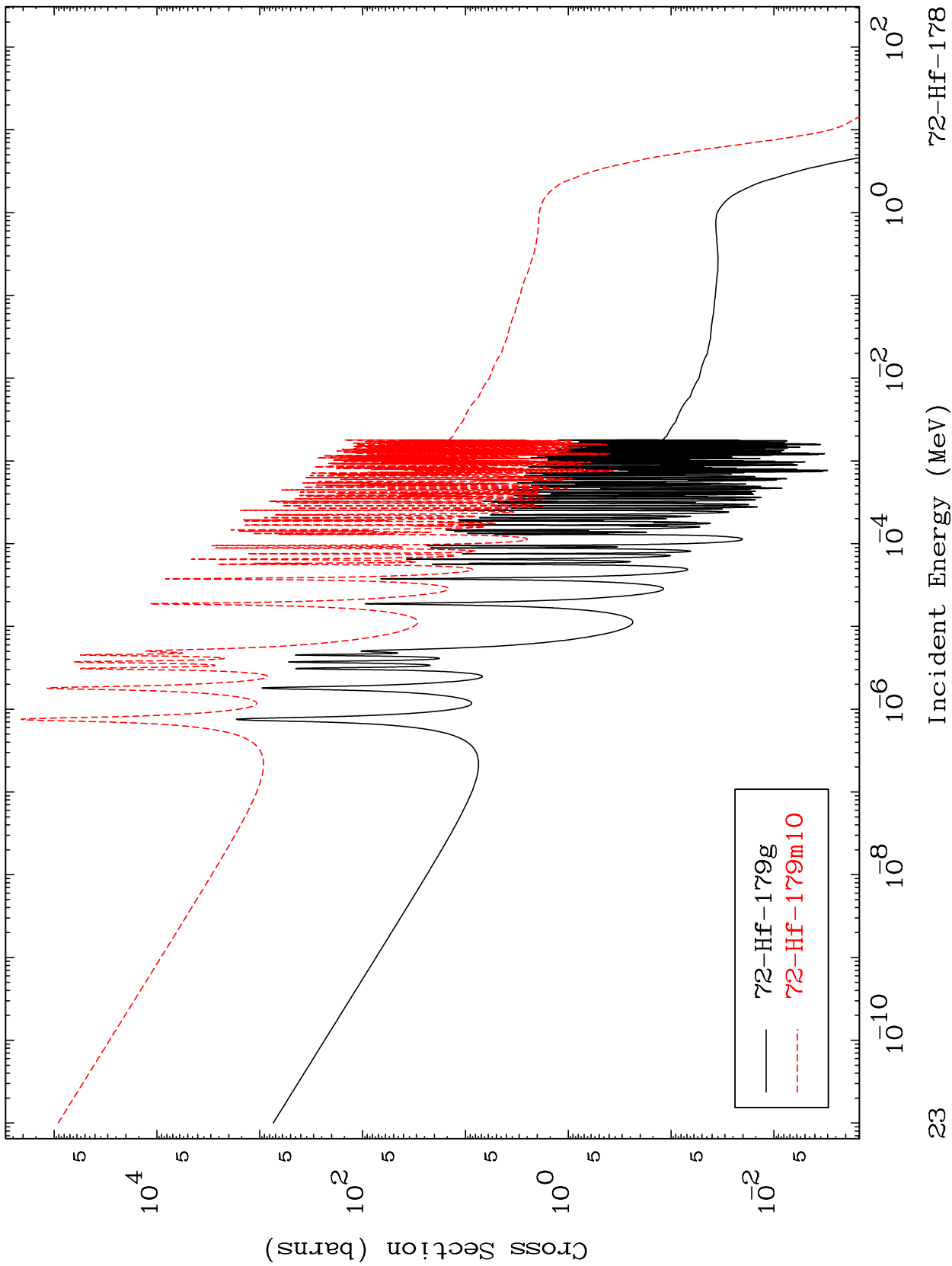
72-Hf-178

22

MAT 7239

72-Hf-178

(n,γ)
Radionuclide Production Cross Section

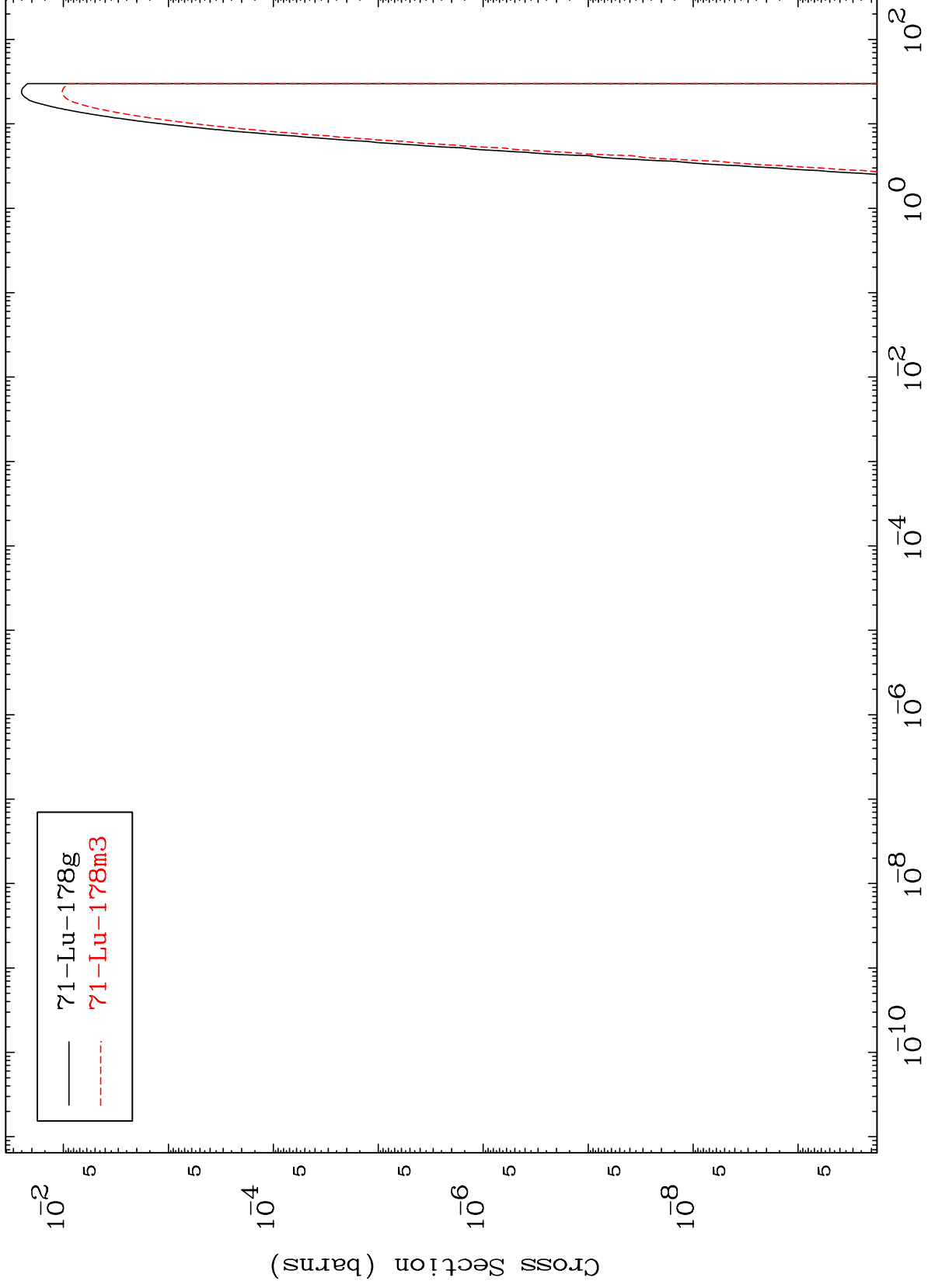


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(n,p)

72-Hf-178

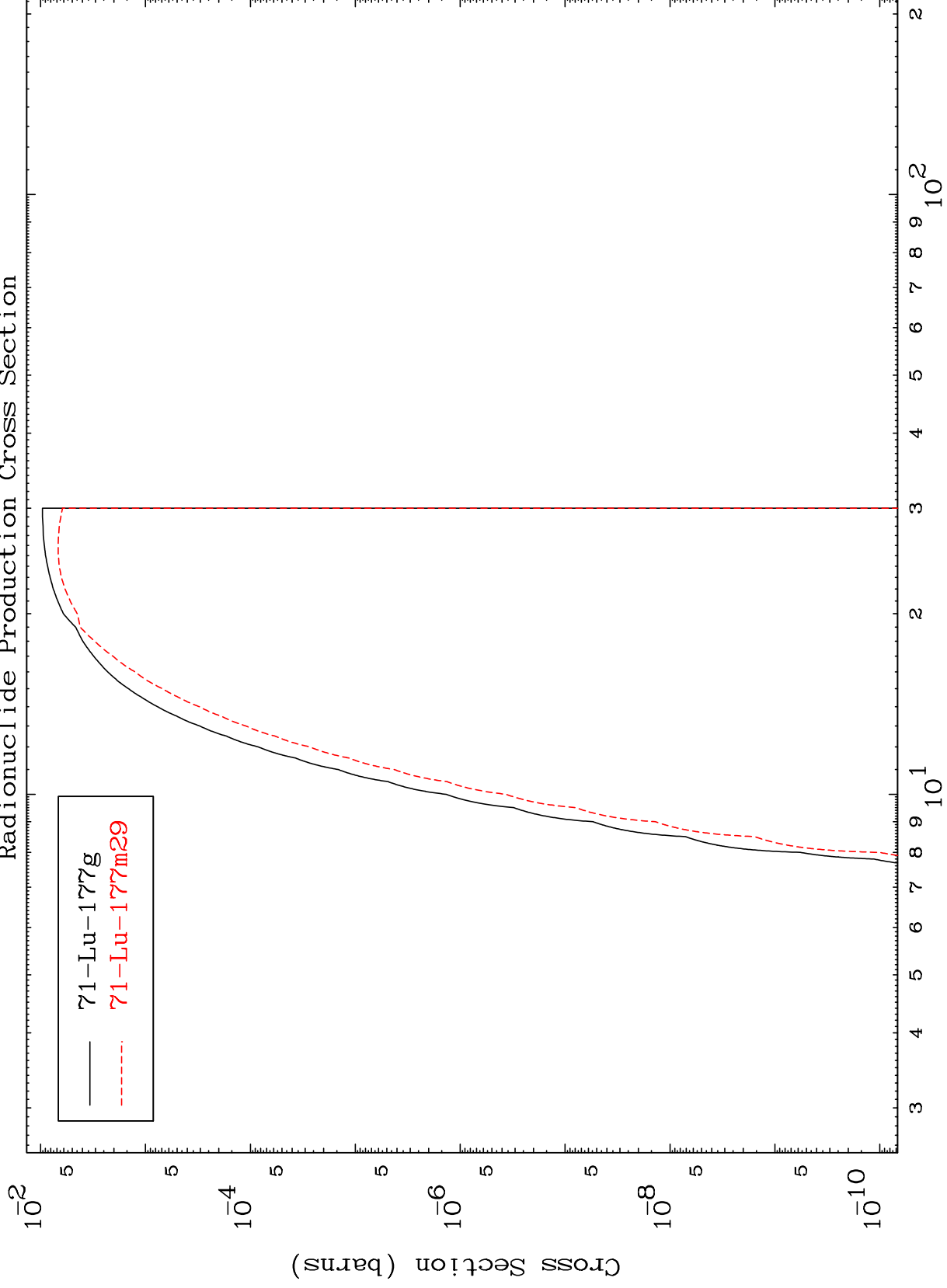
Radionuclide Production Cross Section



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72-Hf-178

(n,d)
Radionuclide Production Cross Section



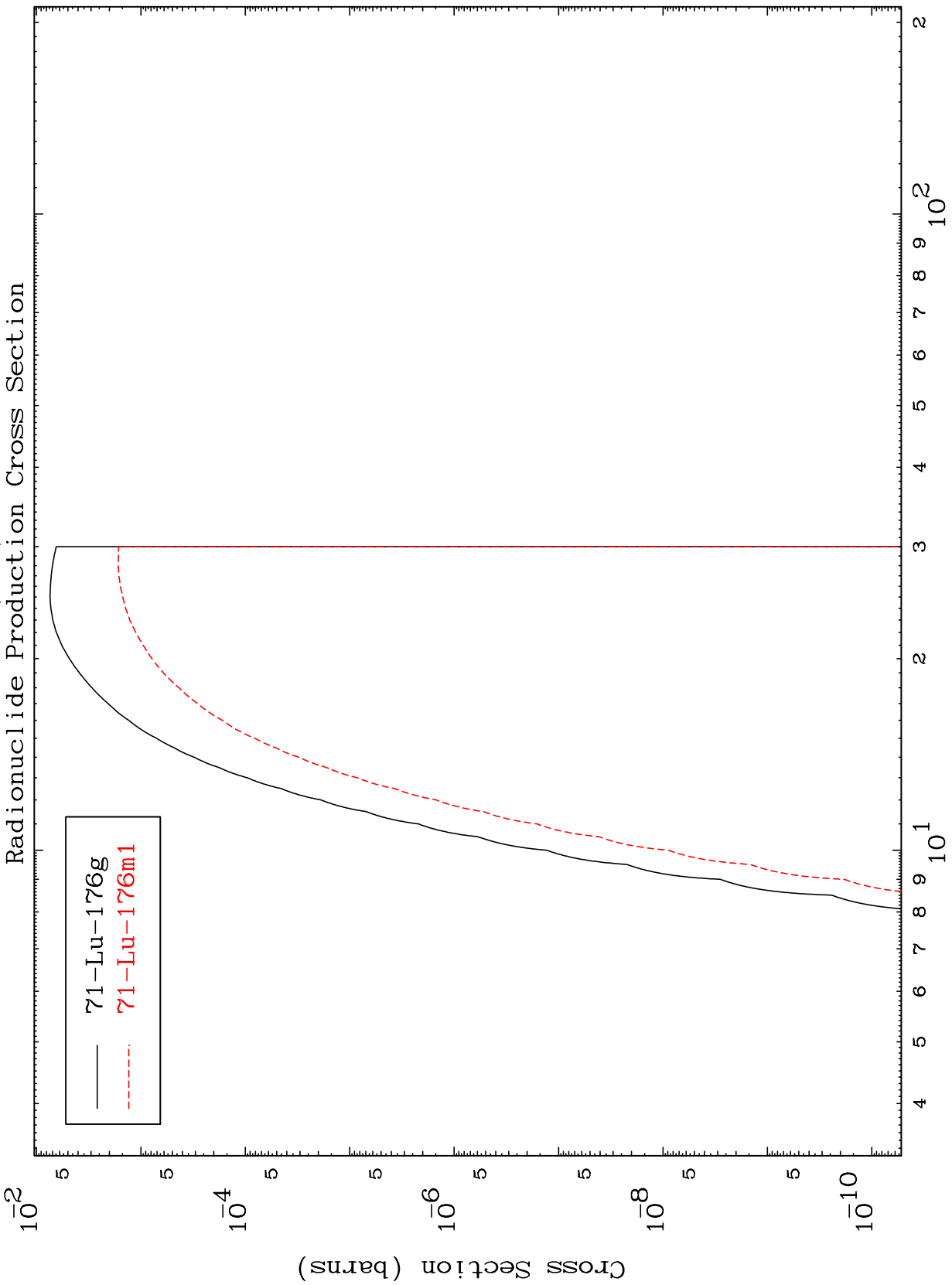
25

Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178



26

Incident Energy (MeV)

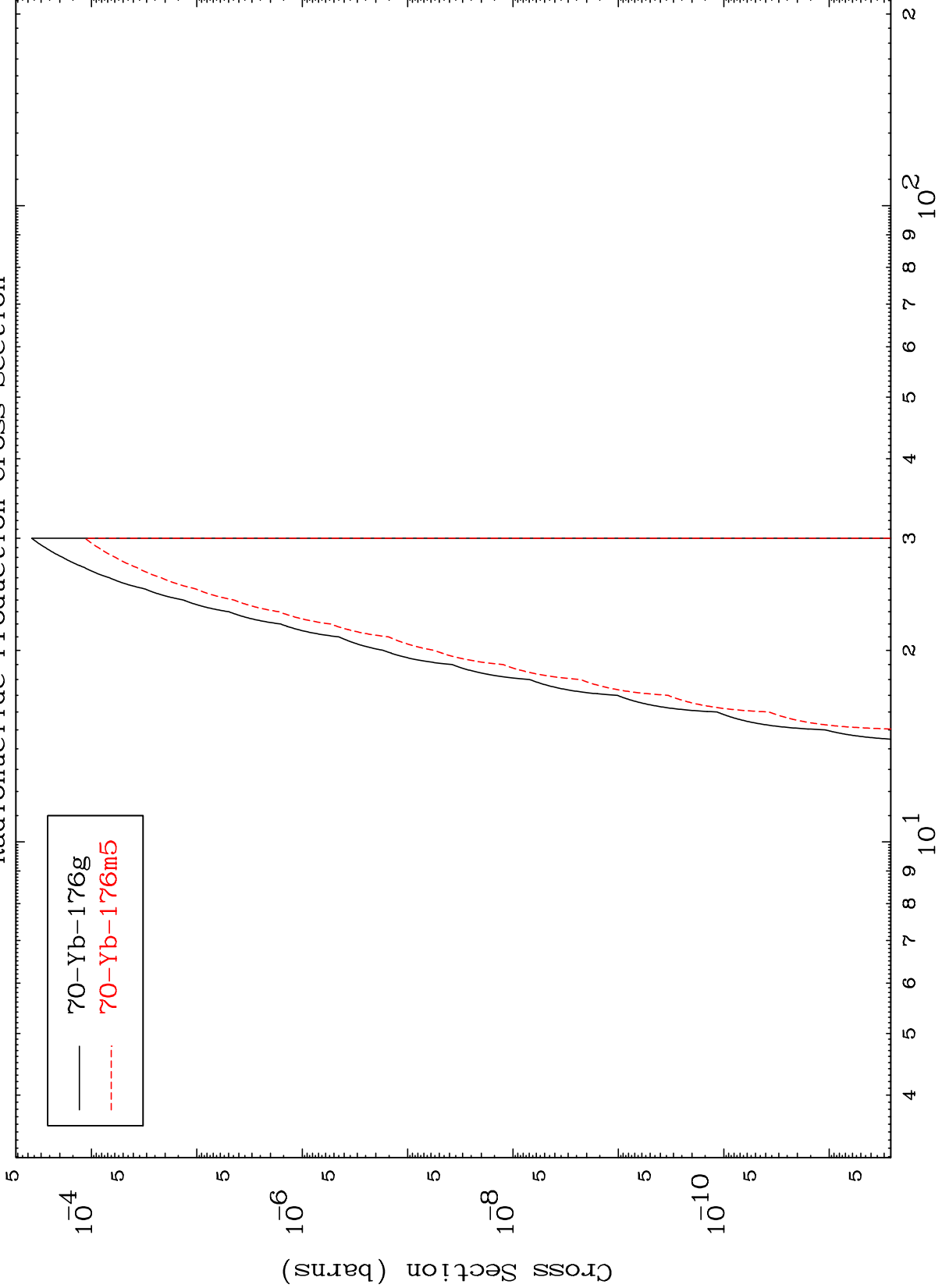
72-Hf-178

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(n,He-3)

72-Hf-178

Radionuclide Production Cross Section

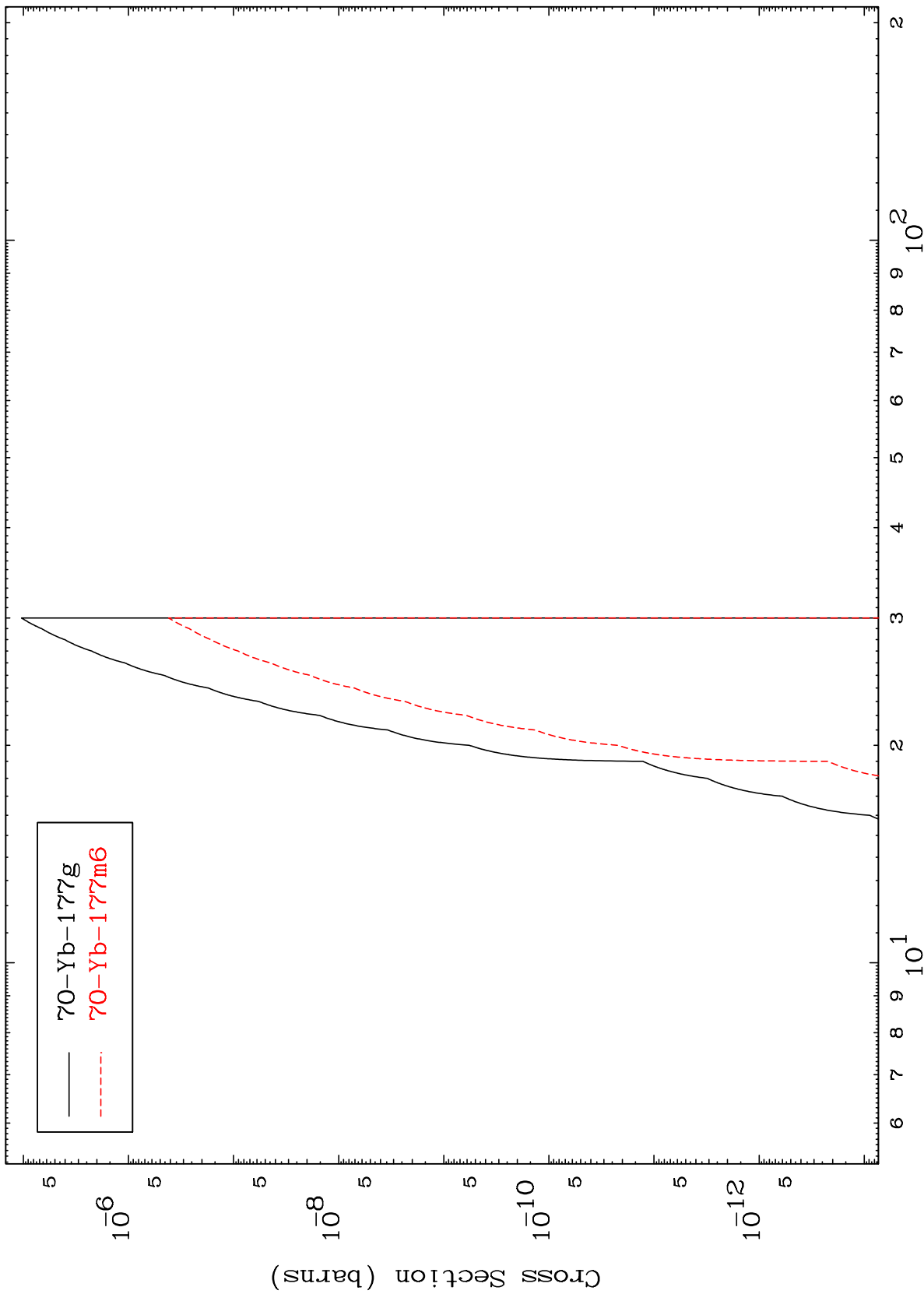


70-Yb-176g
70-Yb-176m5

MAT 7239

72-Hf-178

(n,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

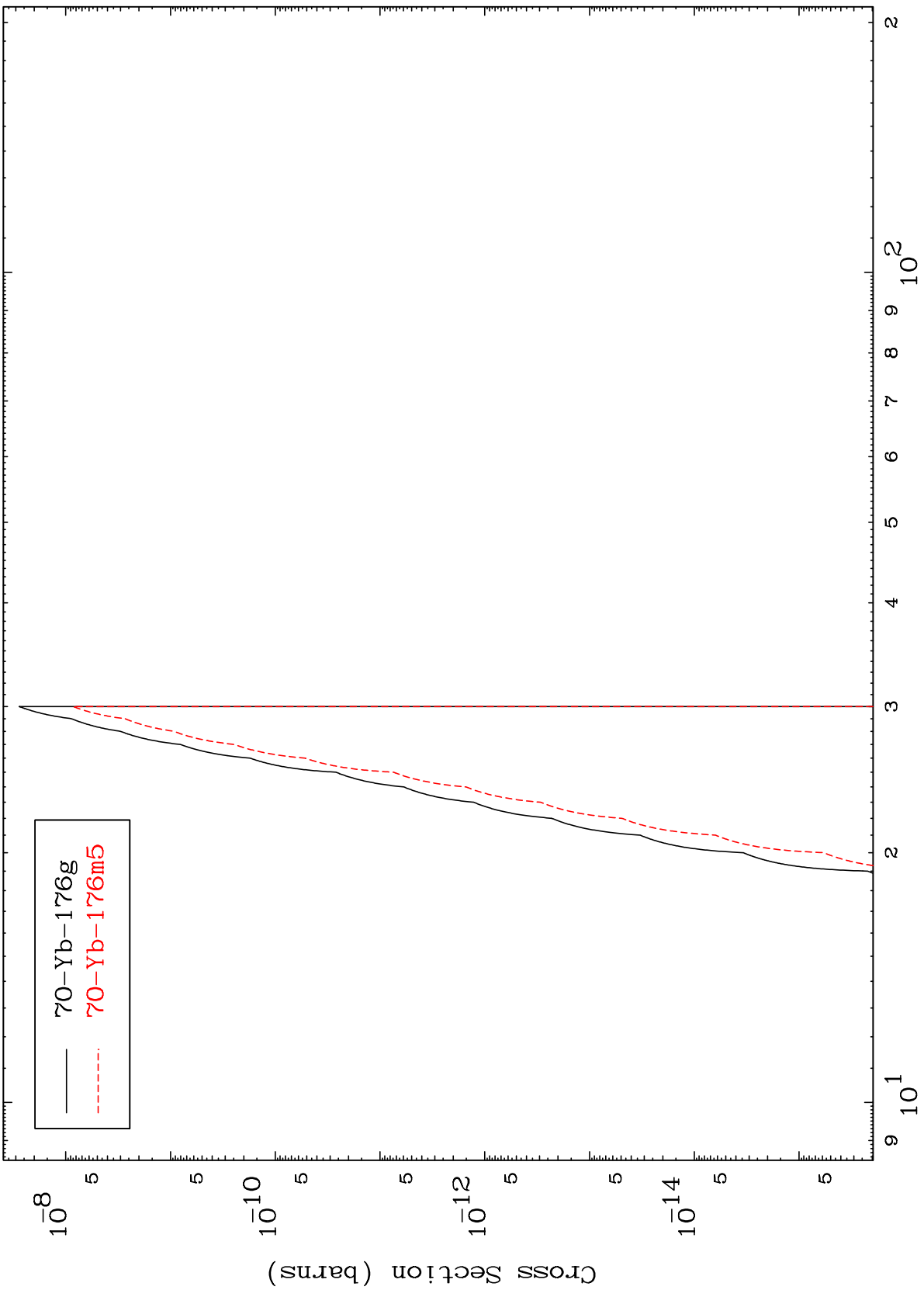
72-Hf-178

MAT 7239

(n,p) d

72-Hf-178

Radionuclide Production Cross Section



— 70-Yb-176g
- - - 70-Yb-176m5

29

Incident Energy (MeV)

72-Hf-178