

Program EVALPLOT
(Version 2018-1)

by

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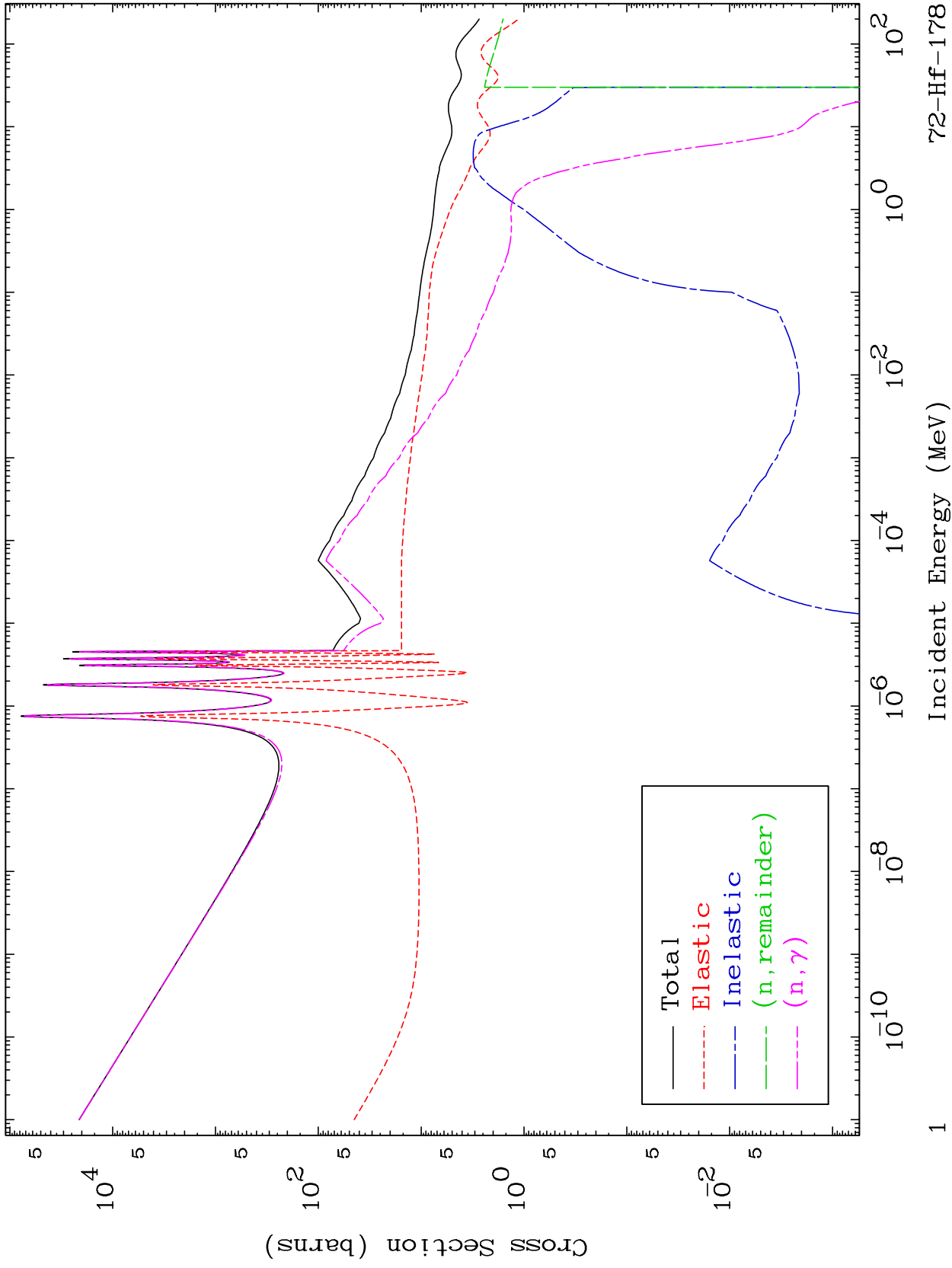
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7239

Major
293 Kelvin Cross Sections

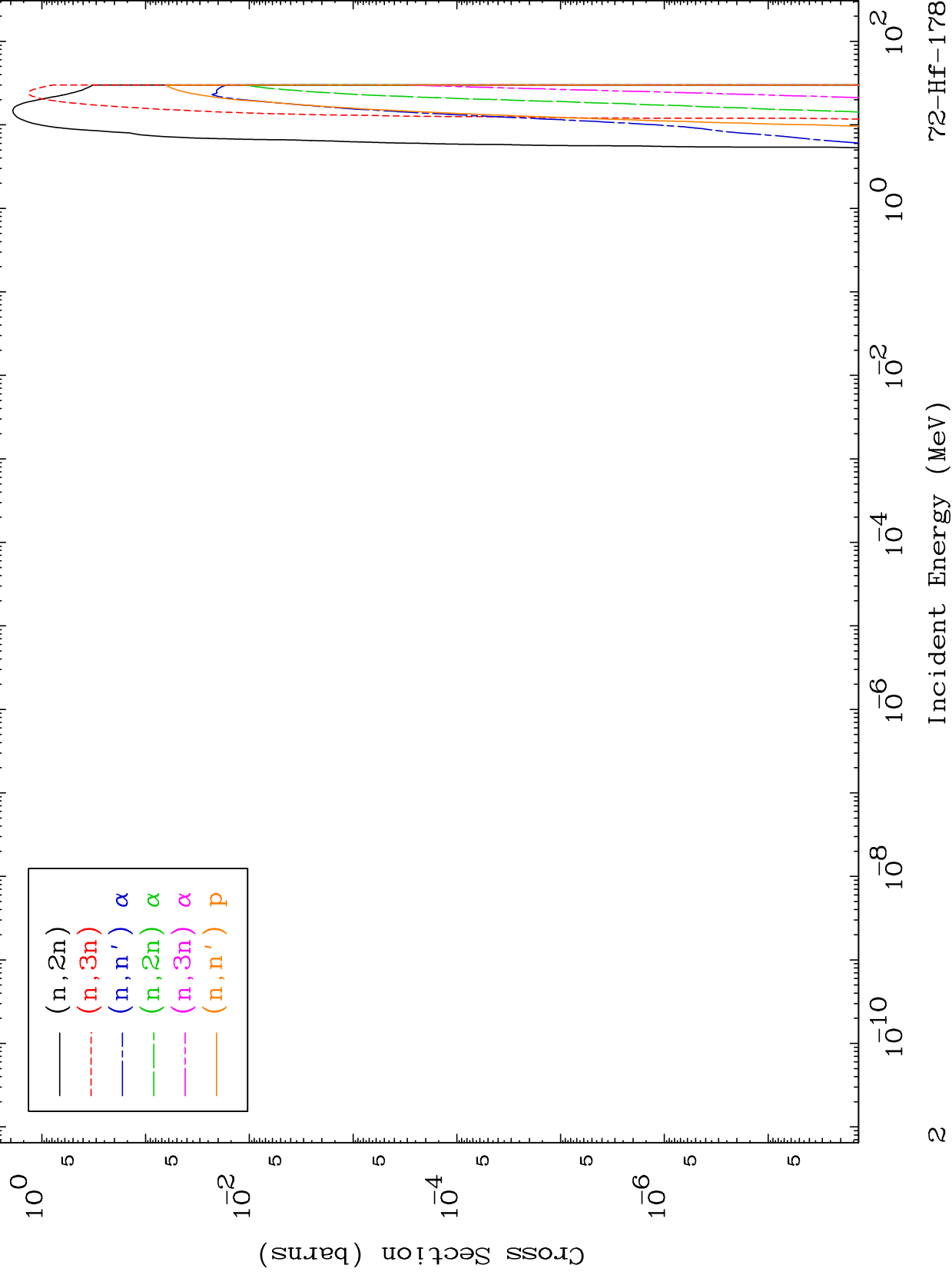
72-Hf-178



MAT 7239

Neutron Production
293 Kelvin Cross Sections

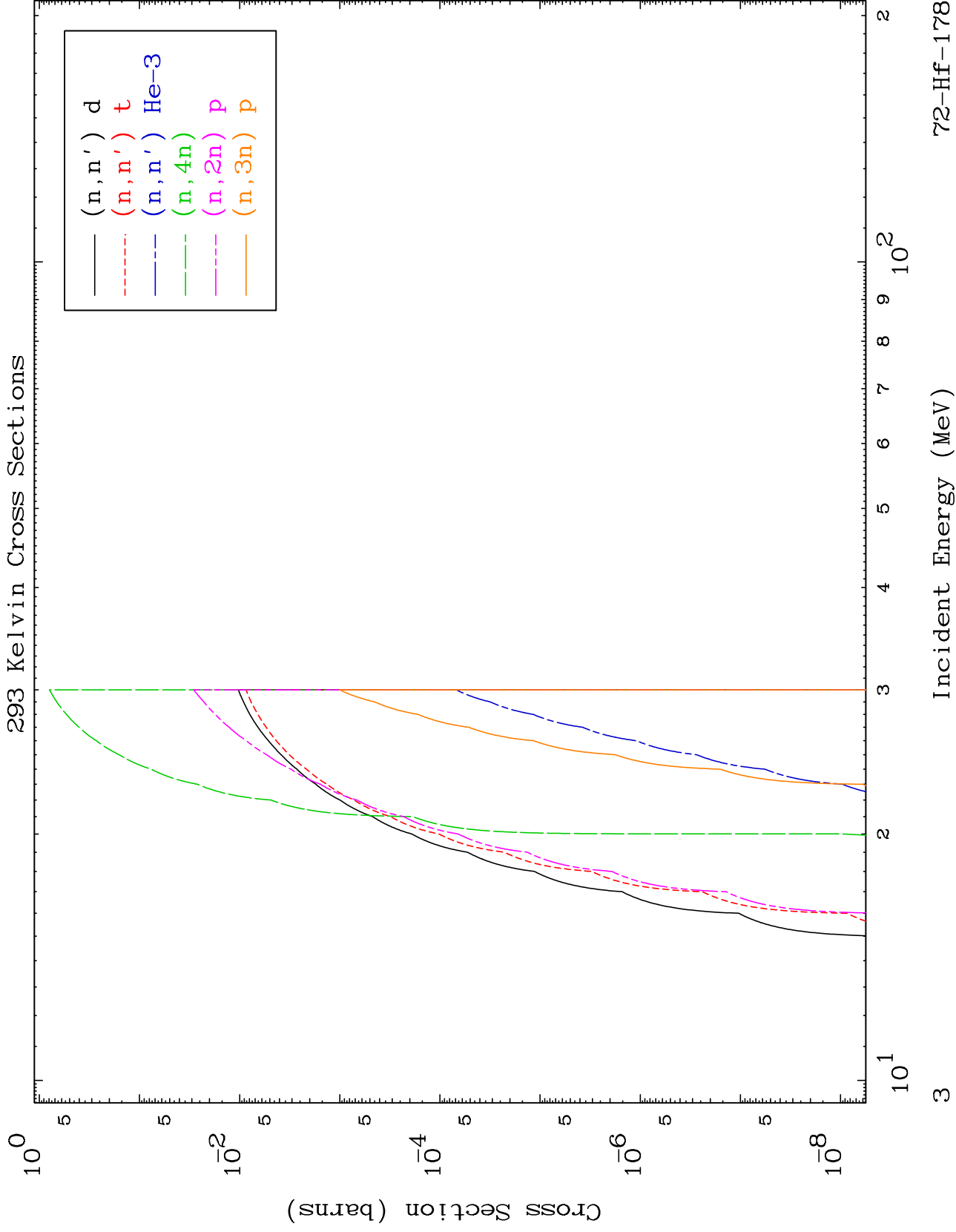
72-Hf-178



MAT 7239

Neutron Production
293 Kelvin Cross Sections

72-Hf-178



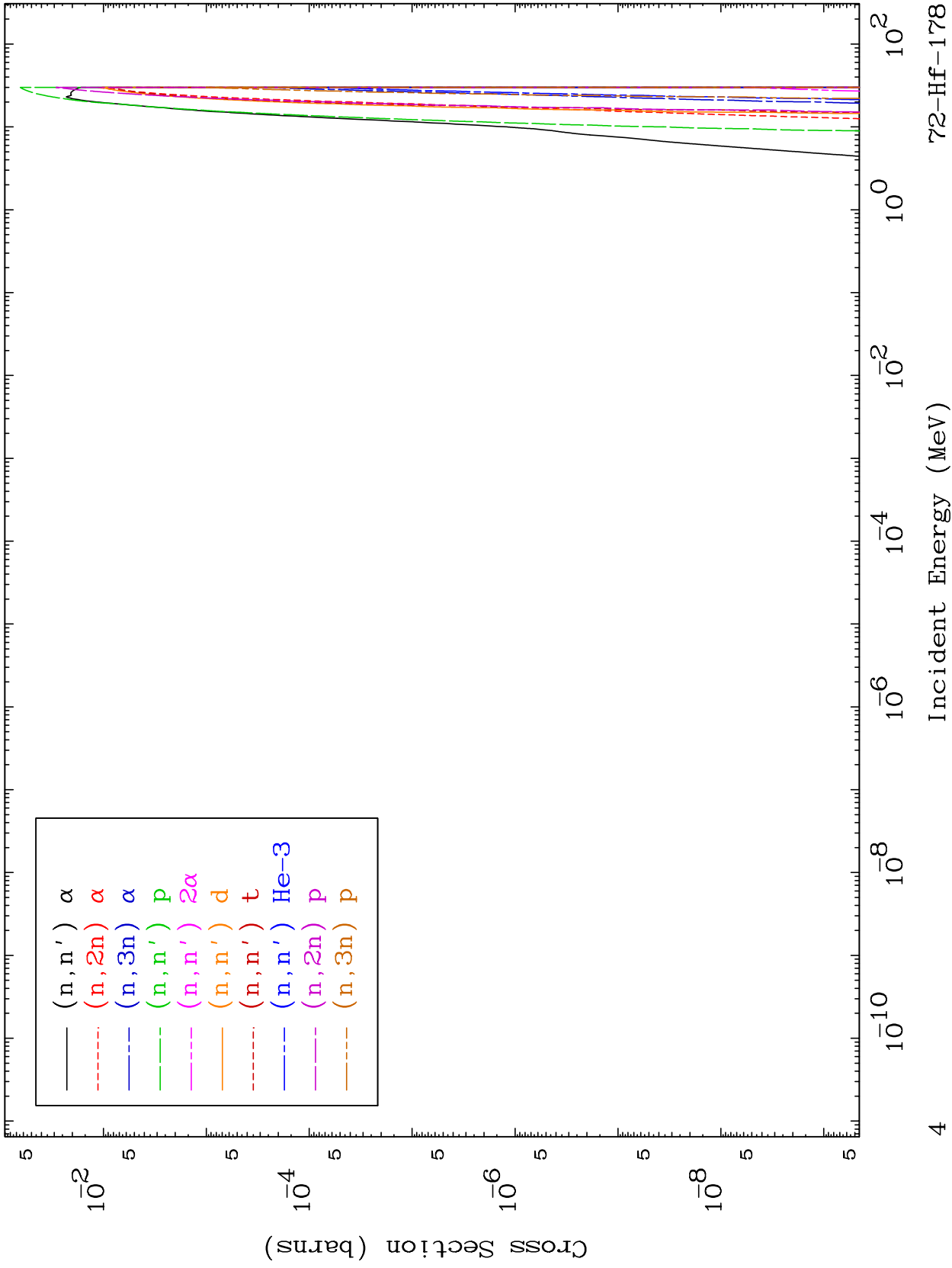
72-Hf-178

Incident Energy (MeV)

MAT 7239

Charged Particle
293 Kelvin Cross Sections

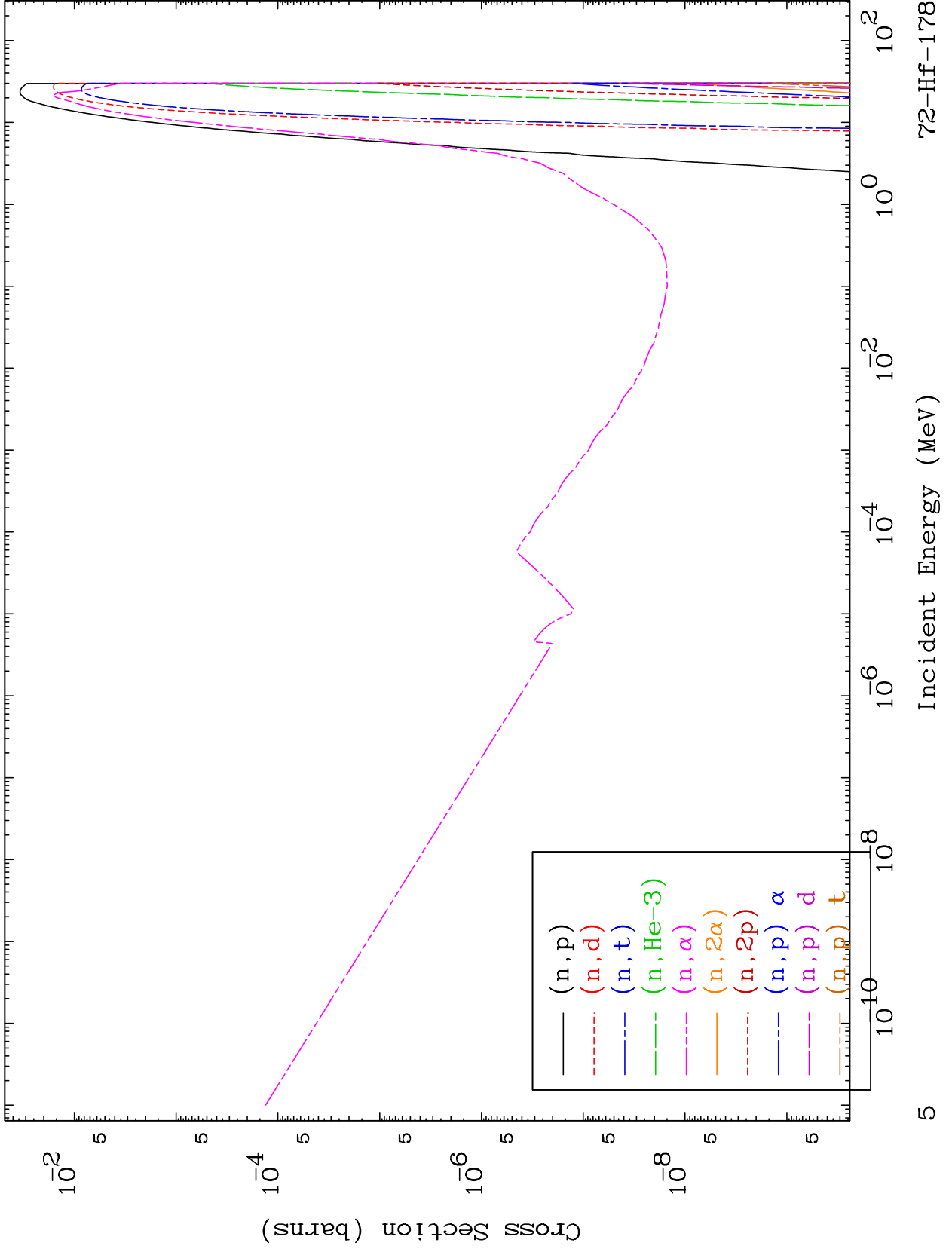
72-Hf-178



MAT 7239

Charged Particle
293 Kelvin Cross Sections

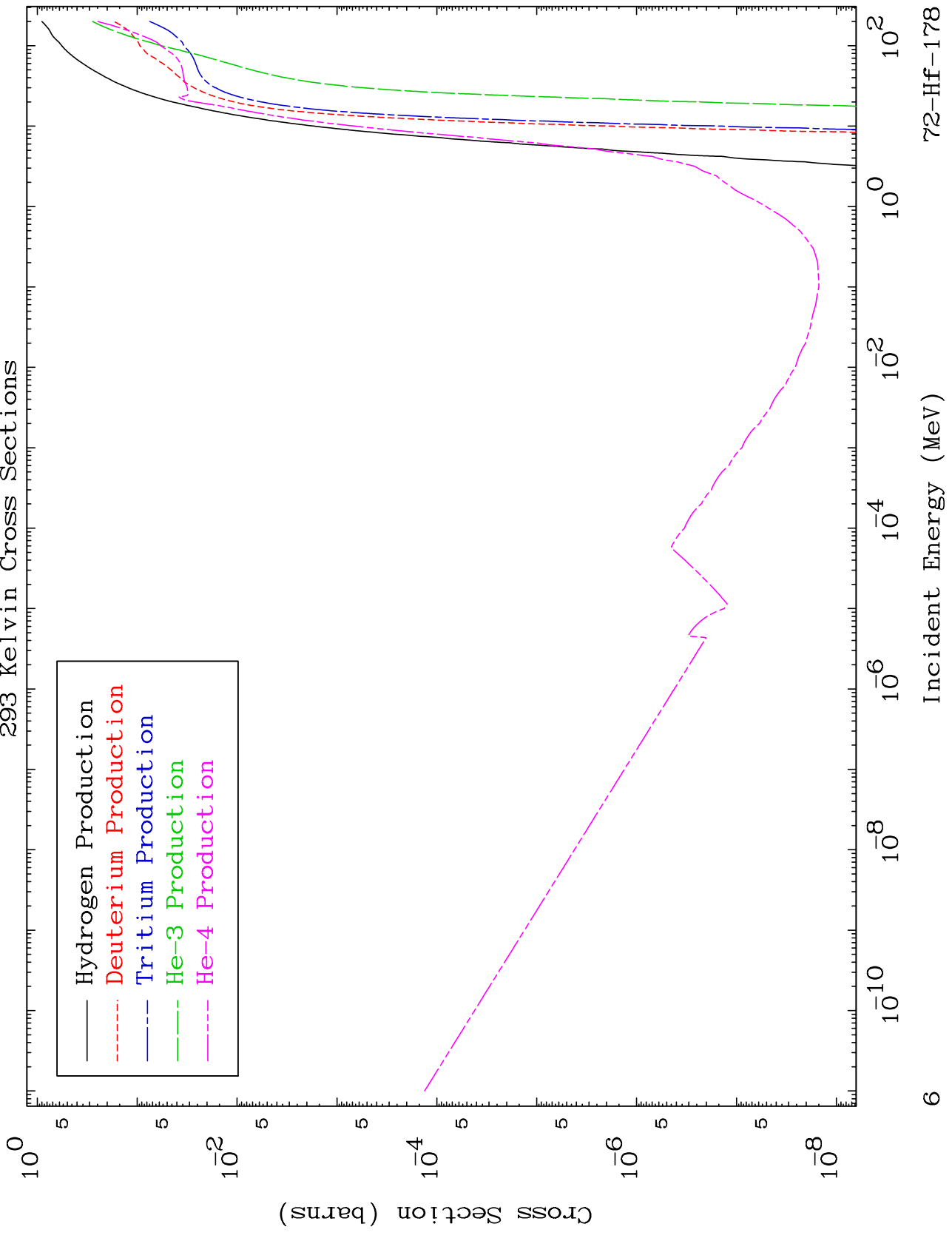
72-Hf-178



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Particle Production
293 Kelvin Cross Sections

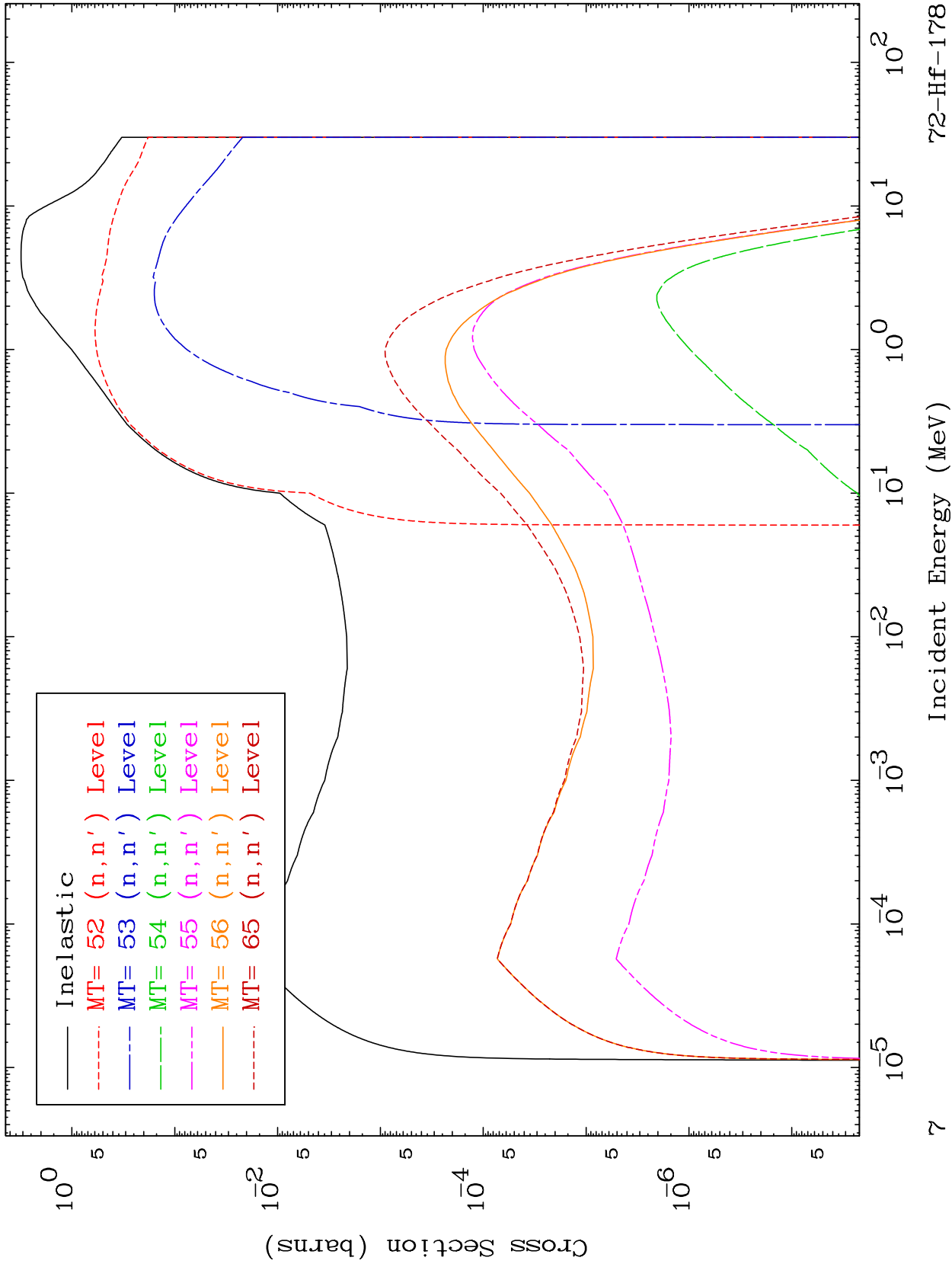
72-Hf-178



MAT 7239

293 Kelvin Cross Sections

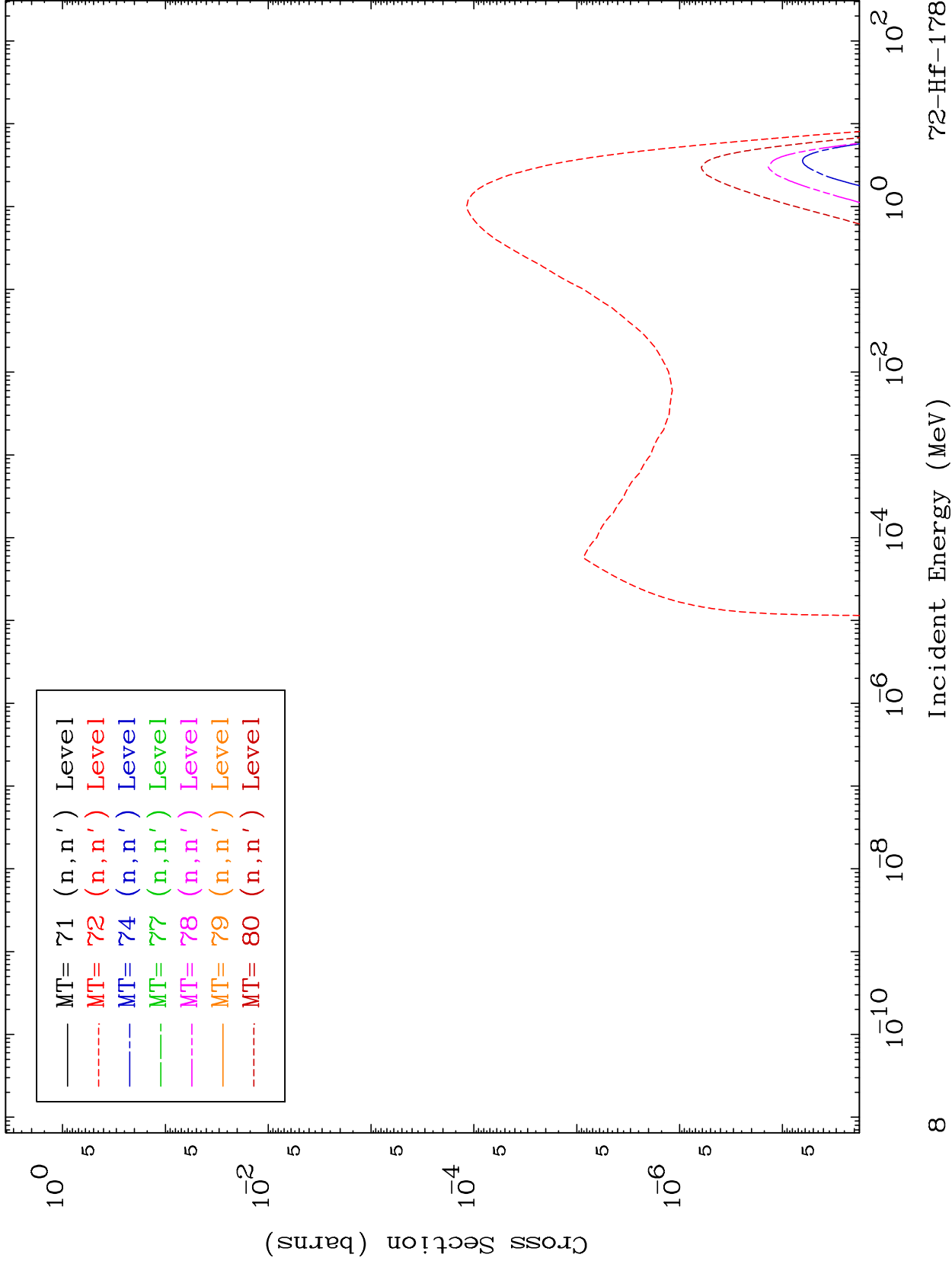
72-Hf-178



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293 Kelvin Cross Sections
(n,n') Level

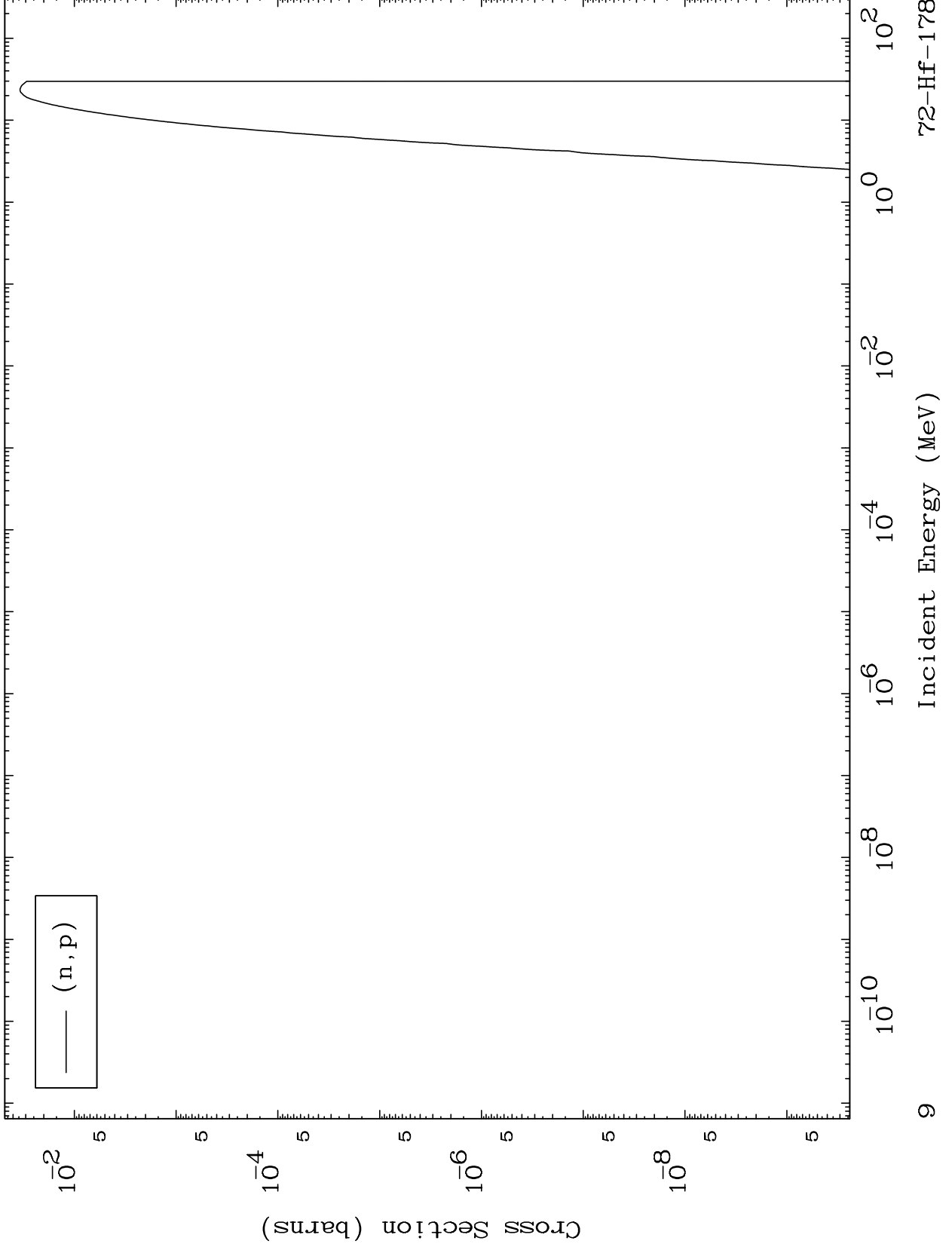
72-Hf-178



MAT 7239

(n,p) Levels
293 Kelvin Cross Sections

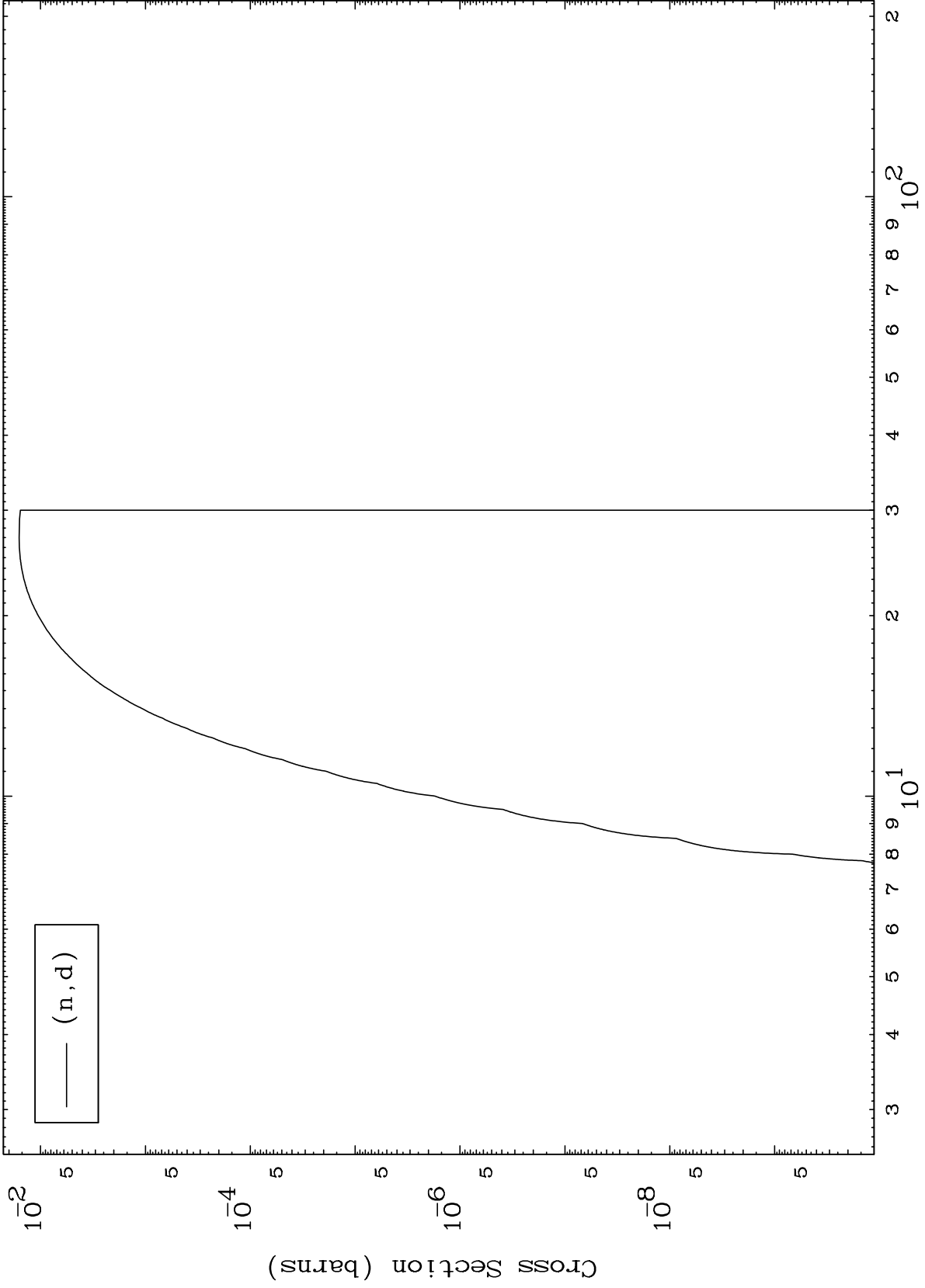
72-Hf-178



MAT 7239

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-178



10

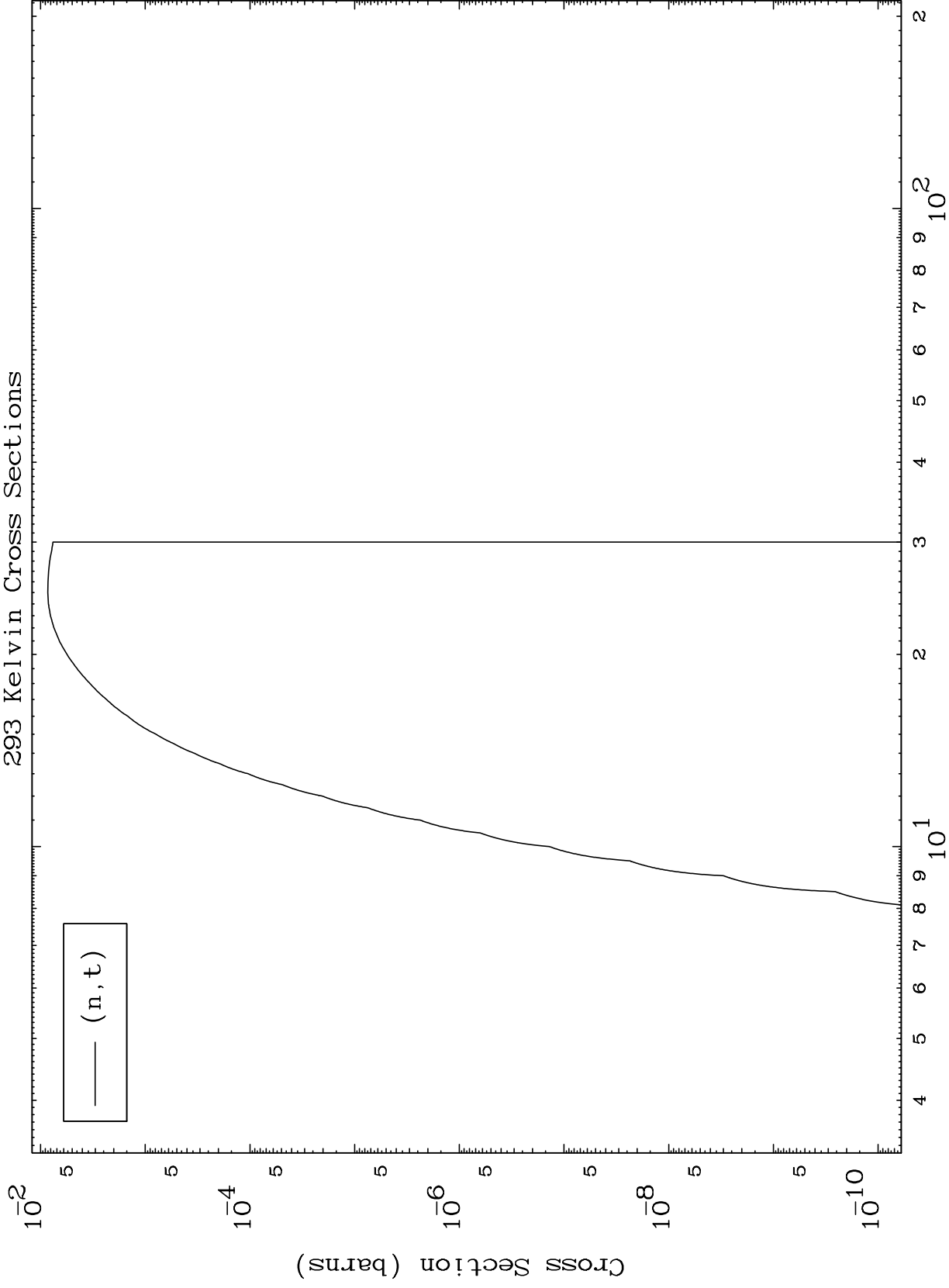
Incident Energy (MeV)

72-Hf-178

MAT 7239

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-178



11

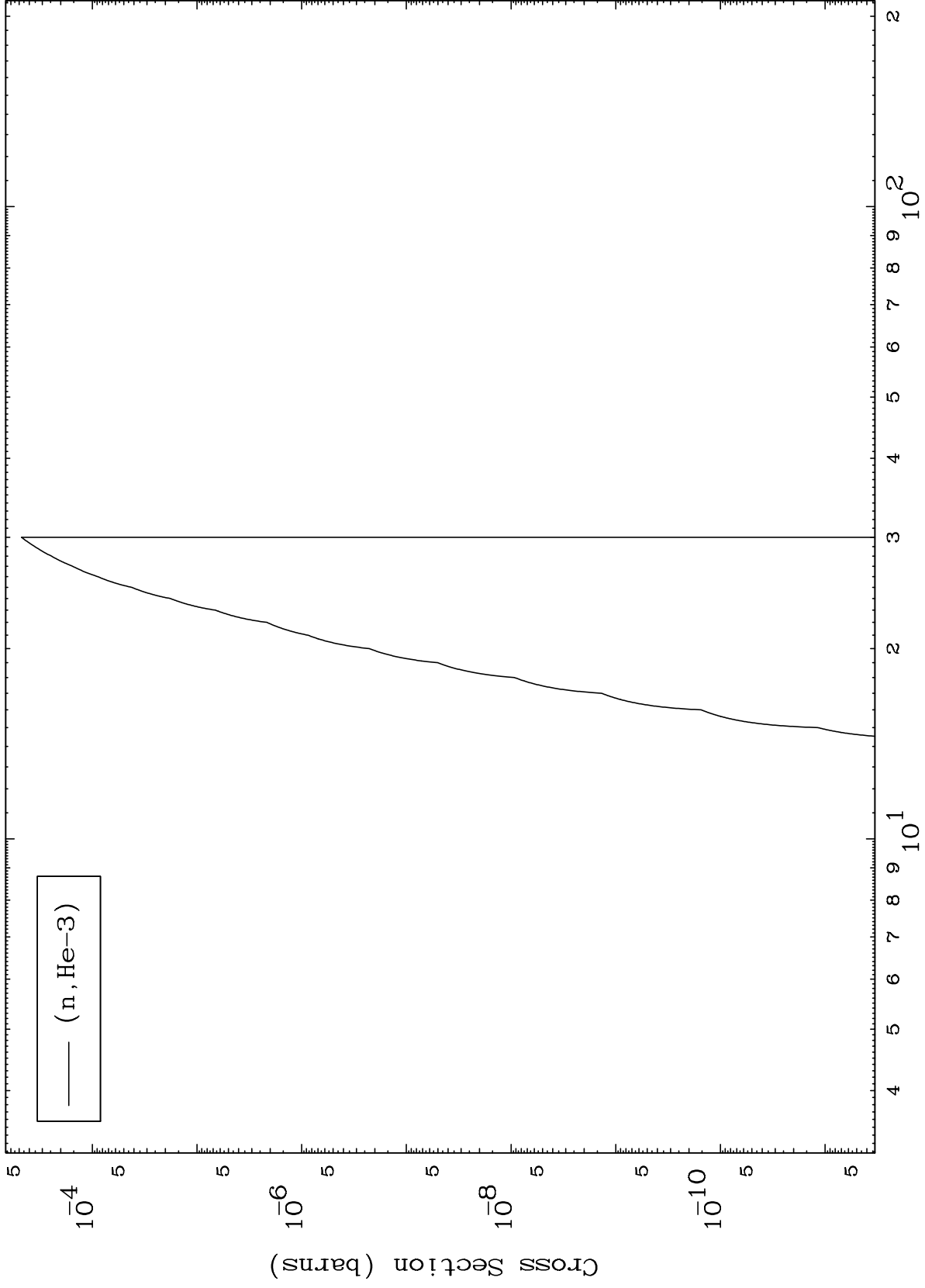
Incident Energy (MeV)

72-Hf-178

MAT 7239

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-178



12

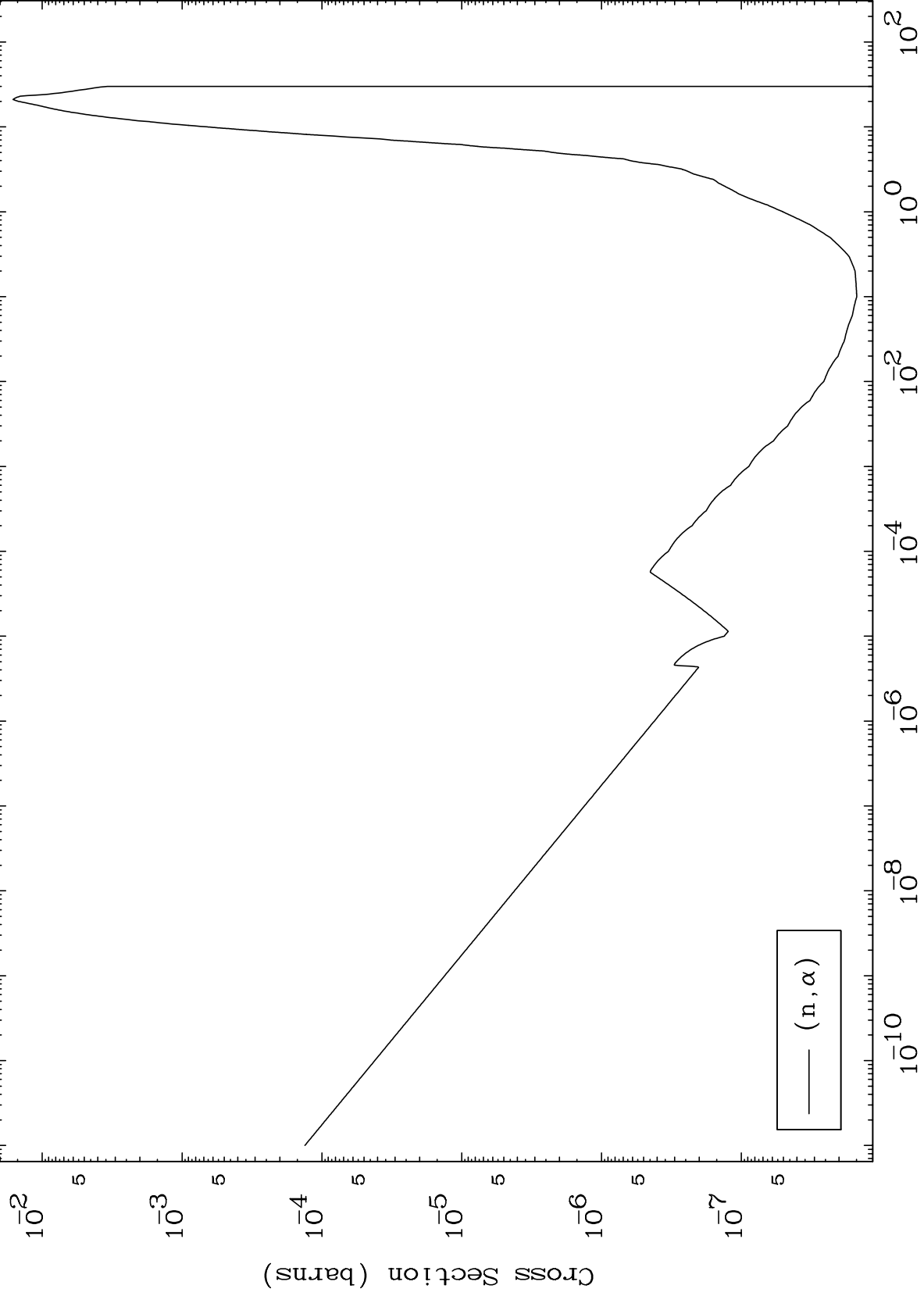
Incident Energy (MeV)

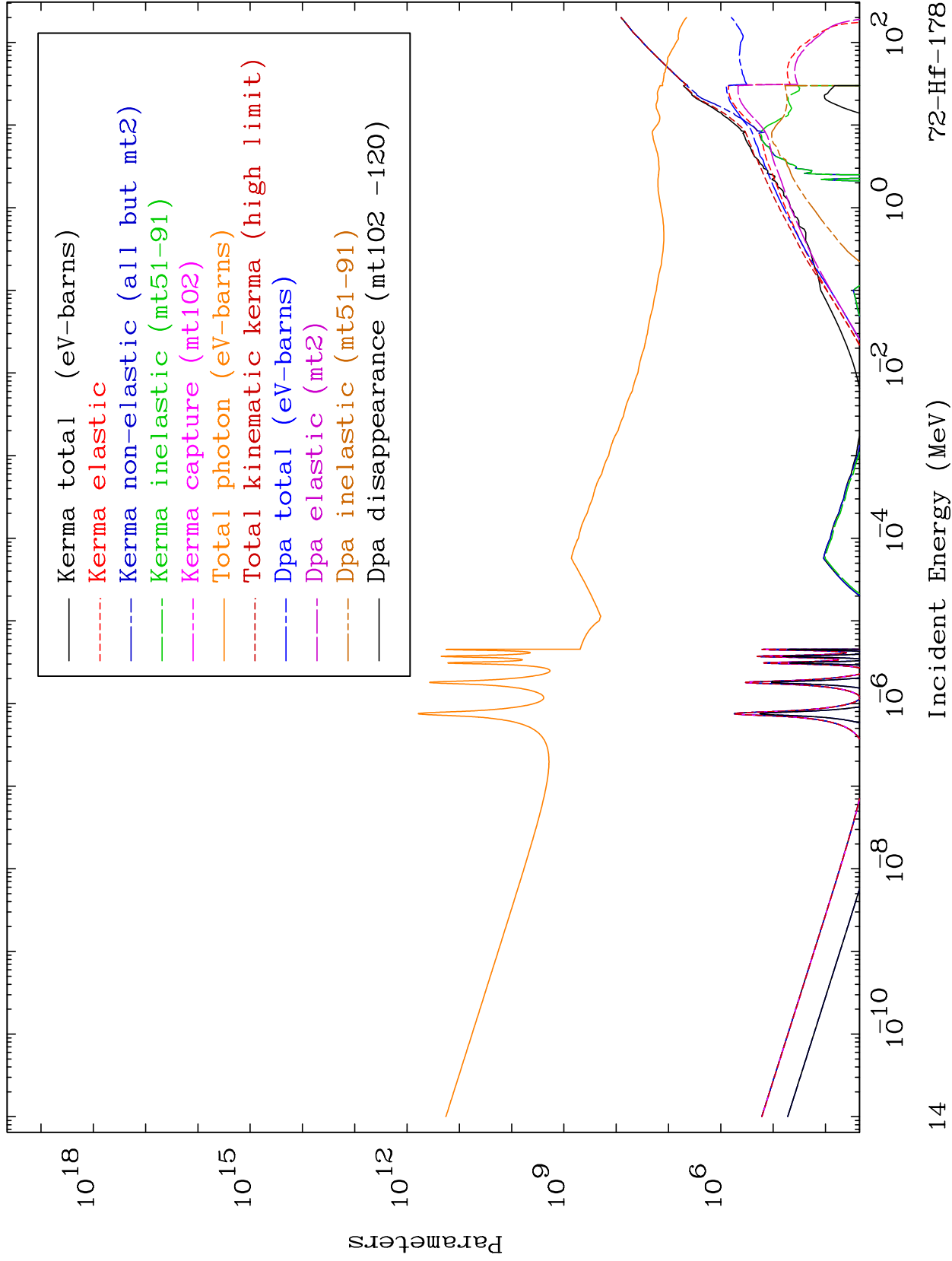
72-Hf-178

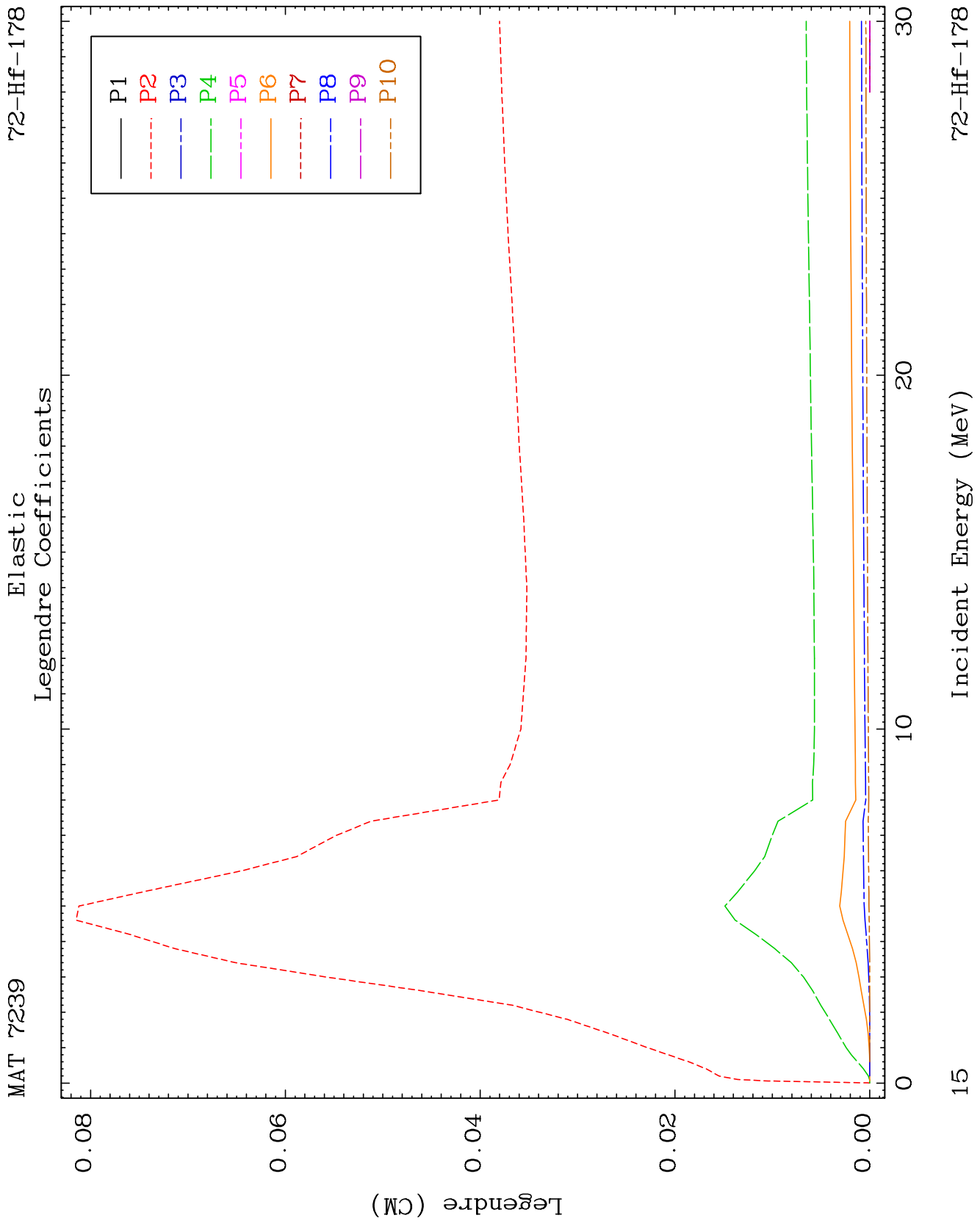
MAT 7239

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-178



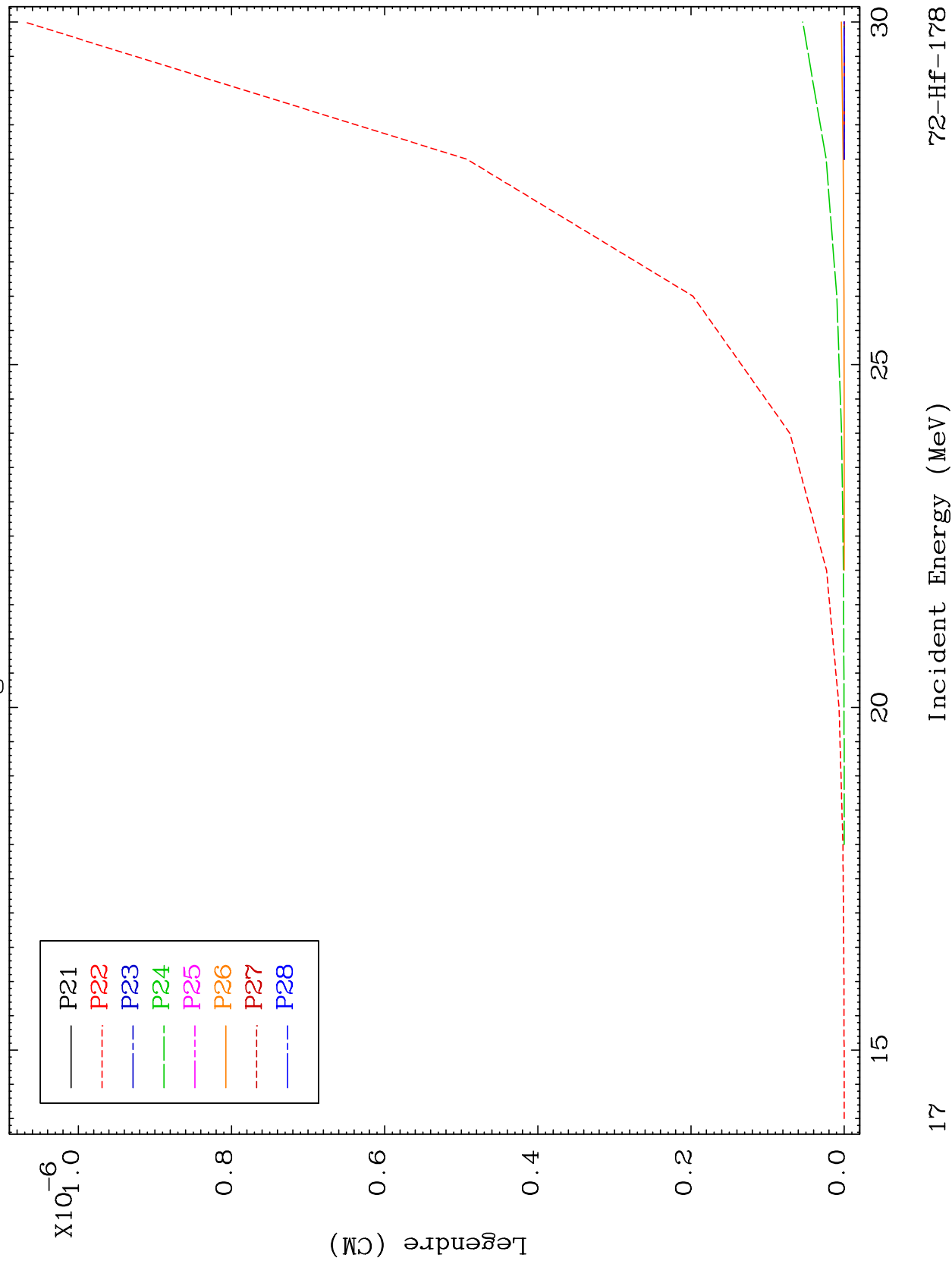




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Elastic
Legendre Coefficients

72-Hf-178



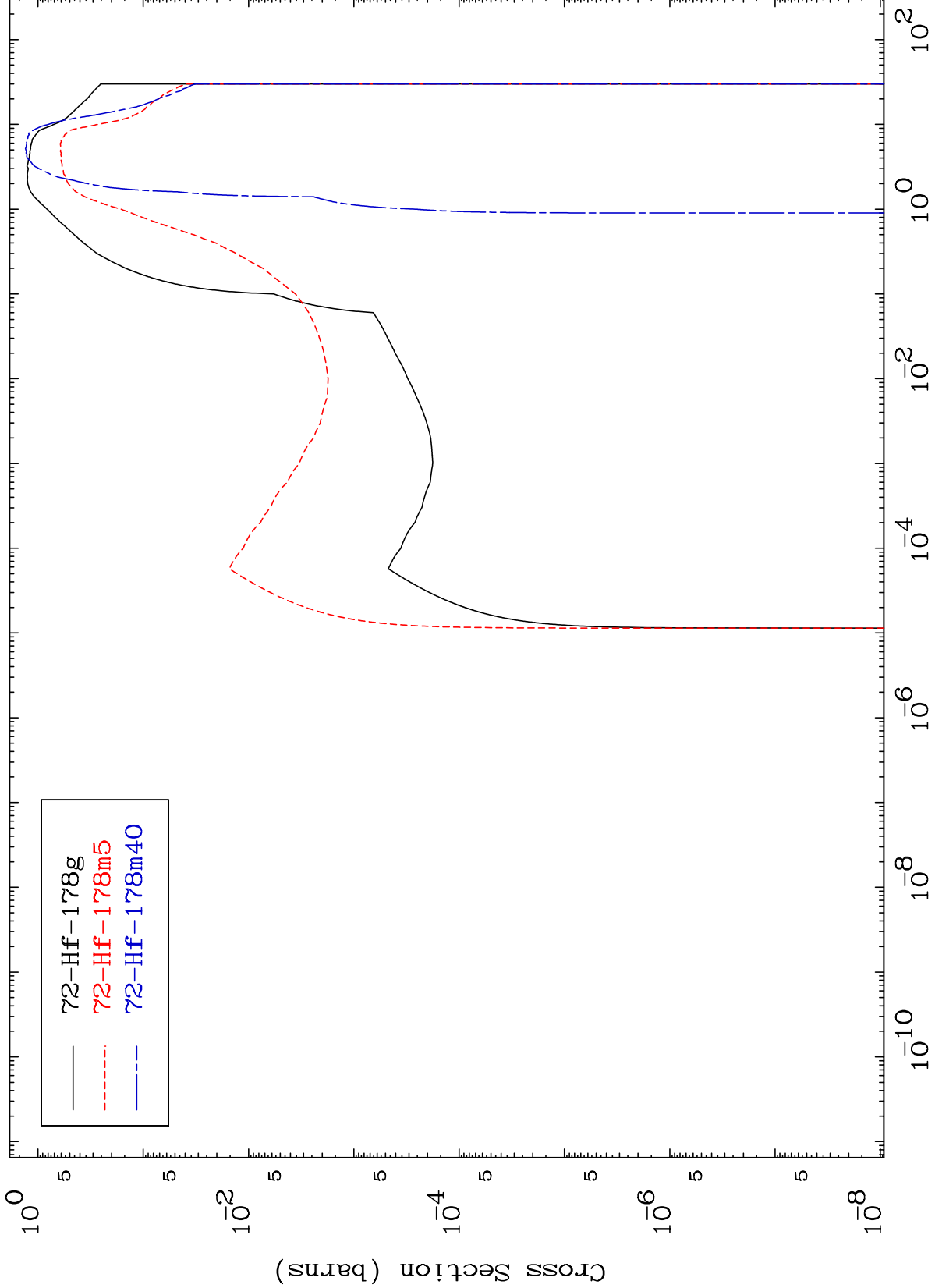
17

72-Hf-178

MAT 7239

Inelastic
Radionuclide Production Cross Section

72-Hf-178



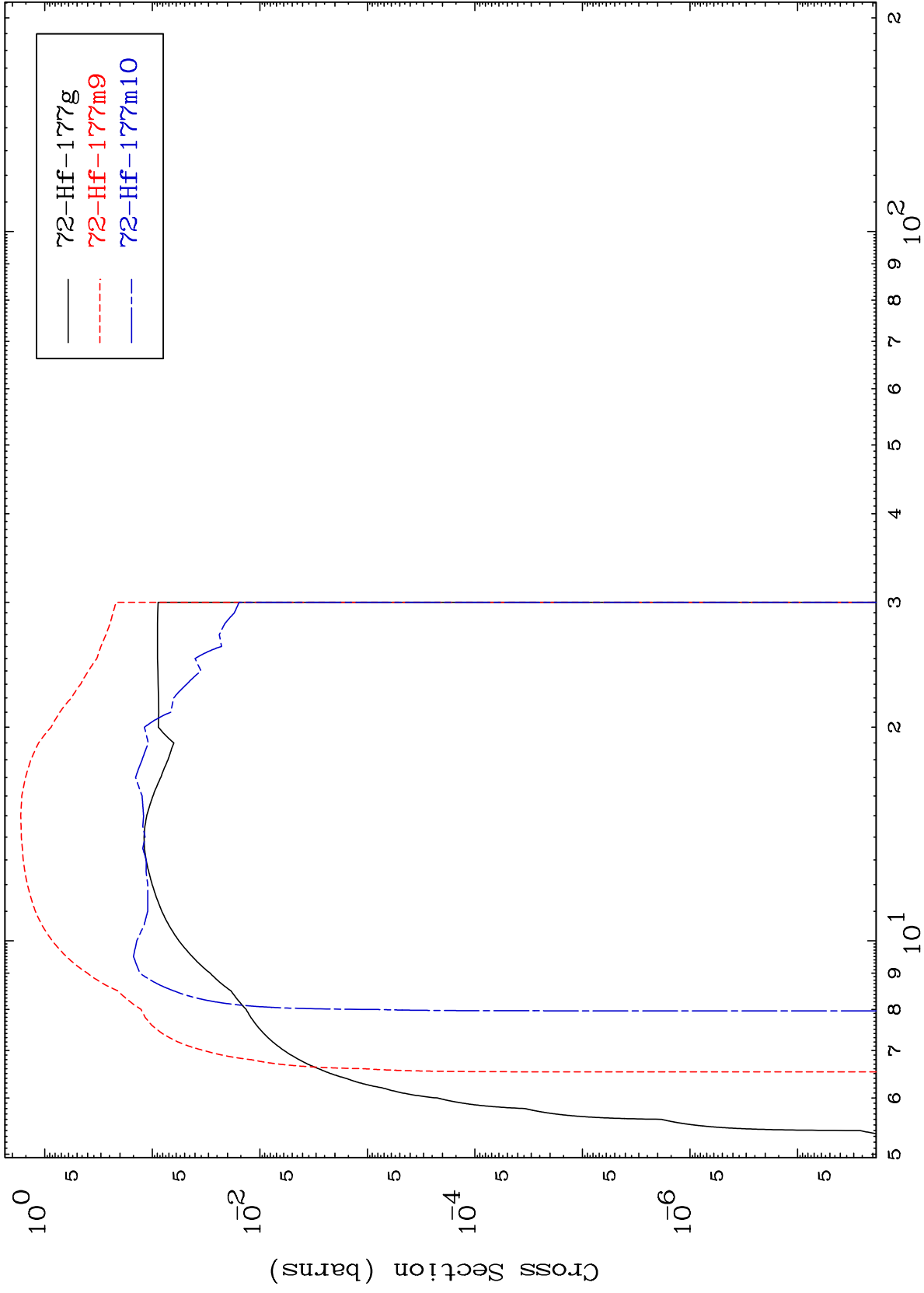
72-Hf-178g
72-Hf-178m5
72-Hf-178m40

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(n,2n)

72-Hf-178

Radionuclide Production Cross Section



19

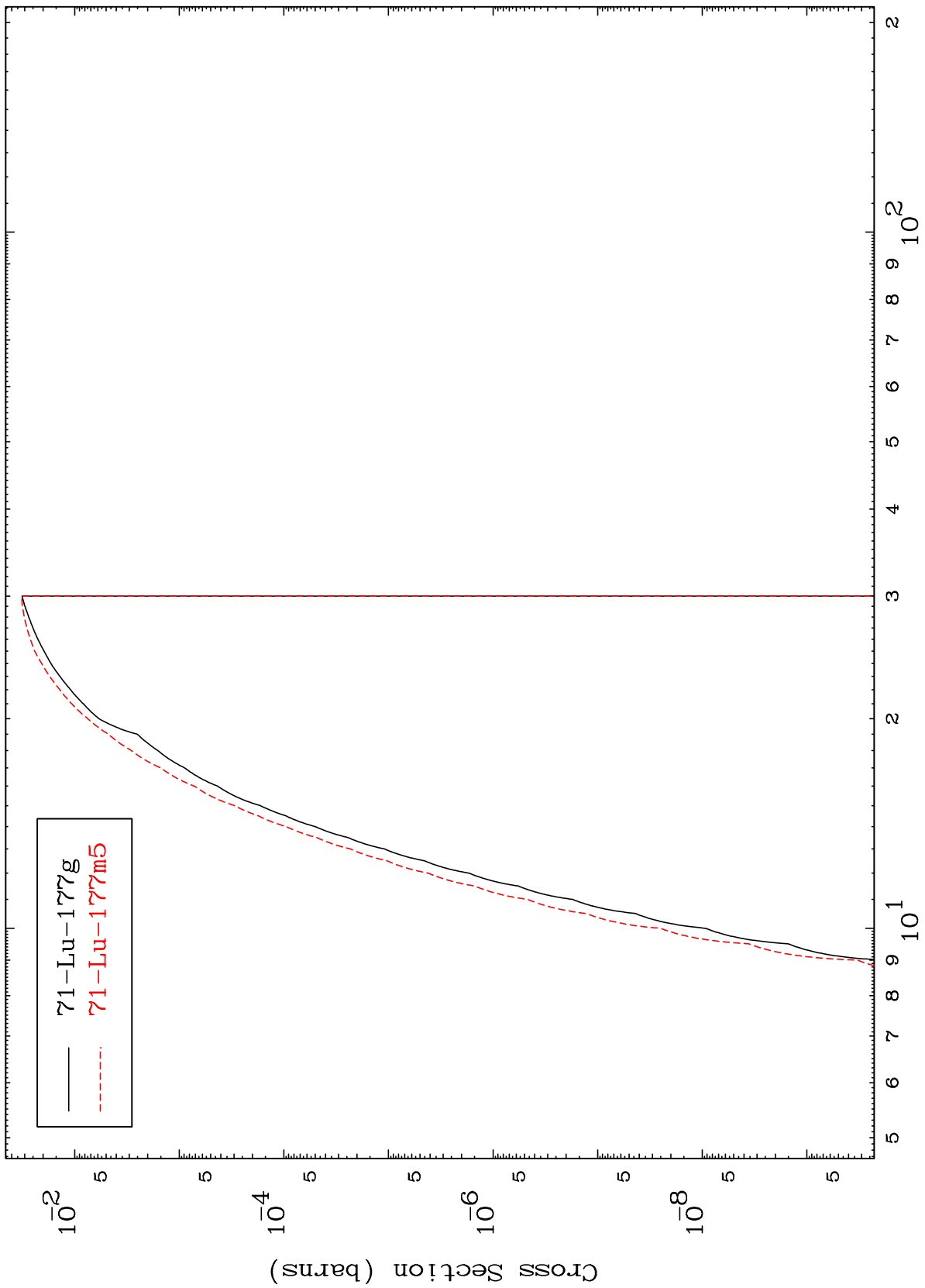
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

(n,n') p
Radionuclide Production Cross Section



20

Incident Energy (MeV)

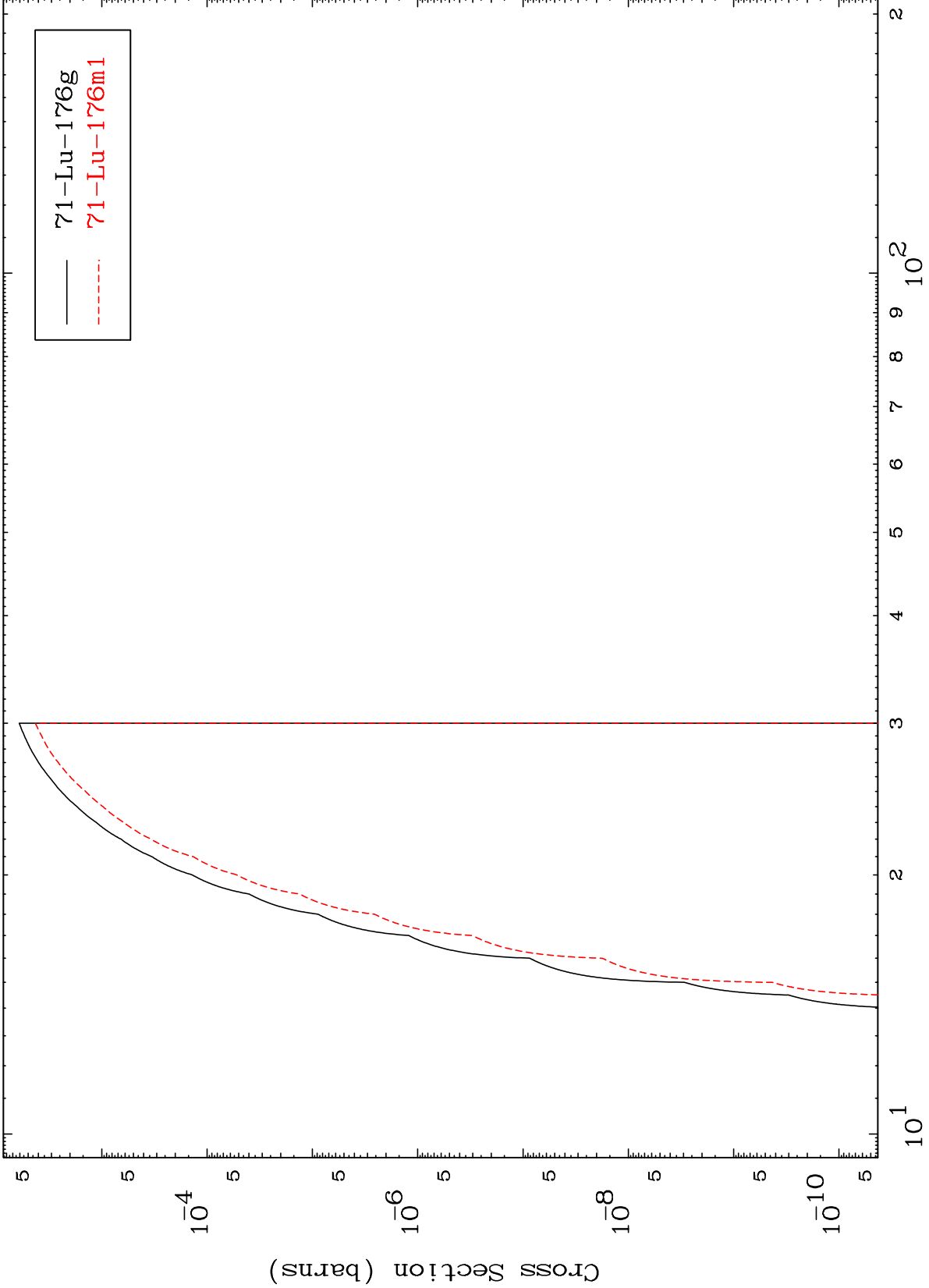
72-Hf-178

MAT 7239

(n,n') d

72-Hf-178

Radionuclide Production Cross Section

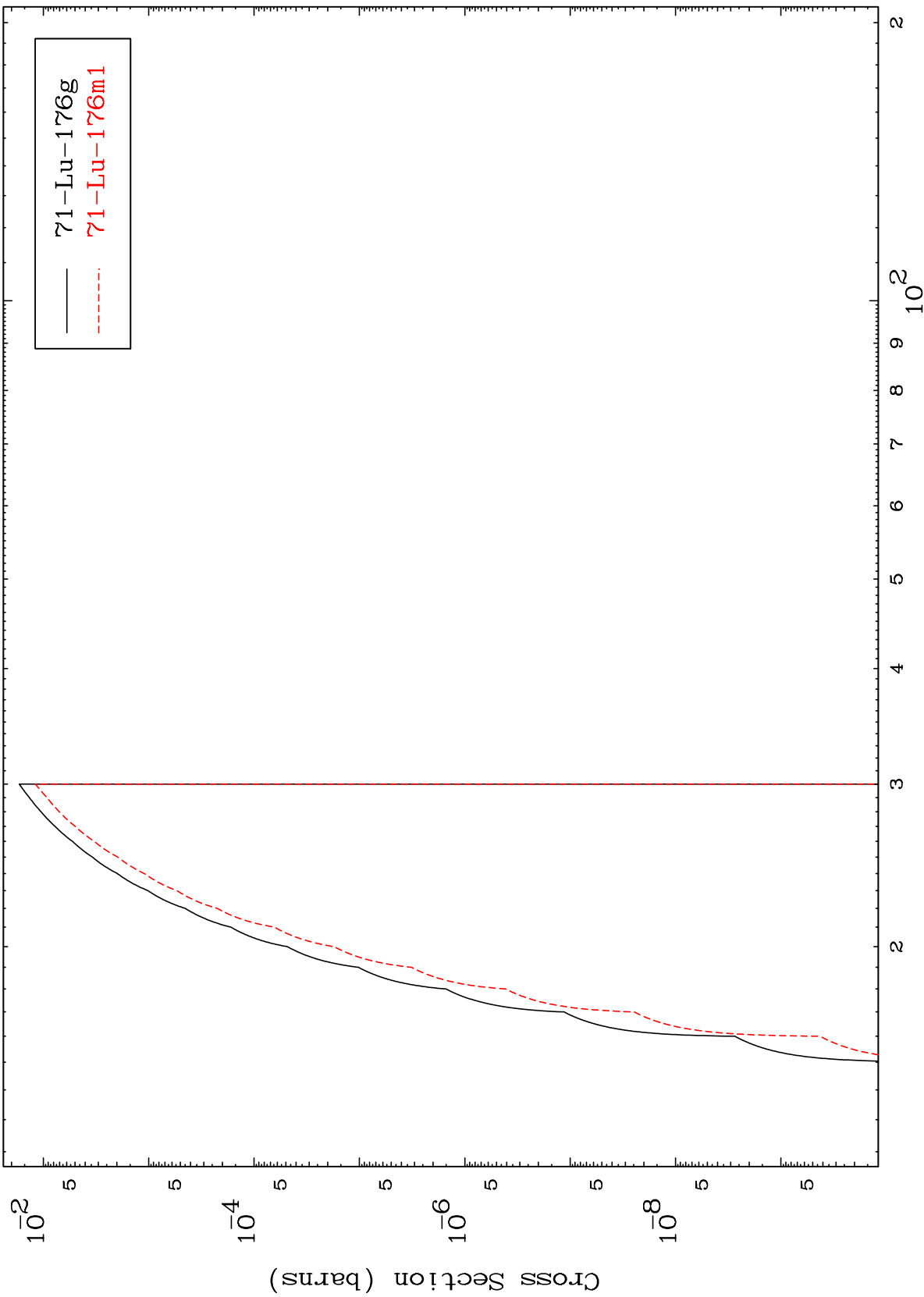


21

Incident Energy (MeV)

72-Hf-178

Radionuclide Production Cross Section



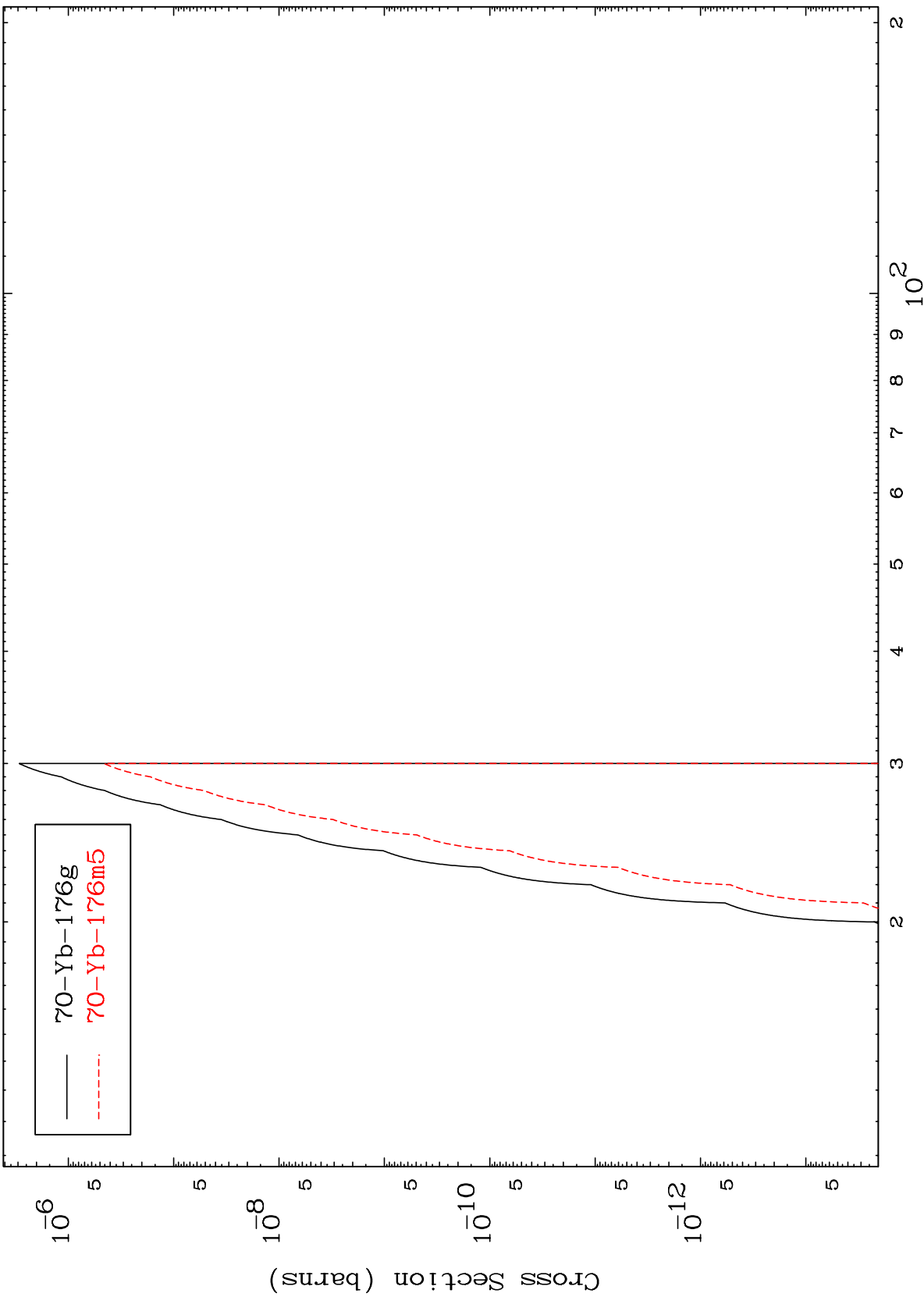
71-Lu-176g
71-Lu-176m1

MAT 7239

(n,2n) p

72-Hf-178

Radionuclide Production Cross Section

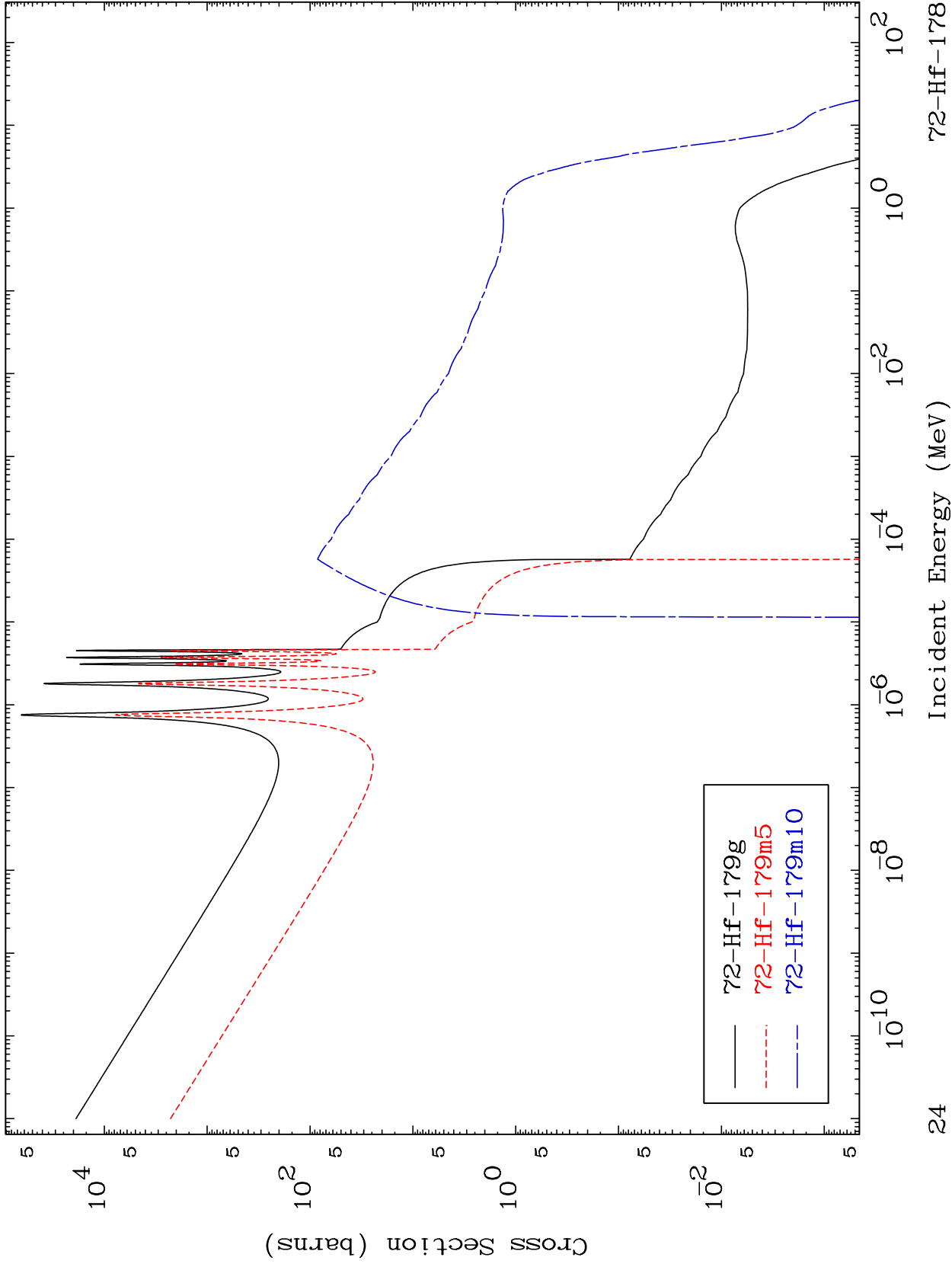


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72-Hf-178

Radionuclide Production Cross Section

(n, γ)

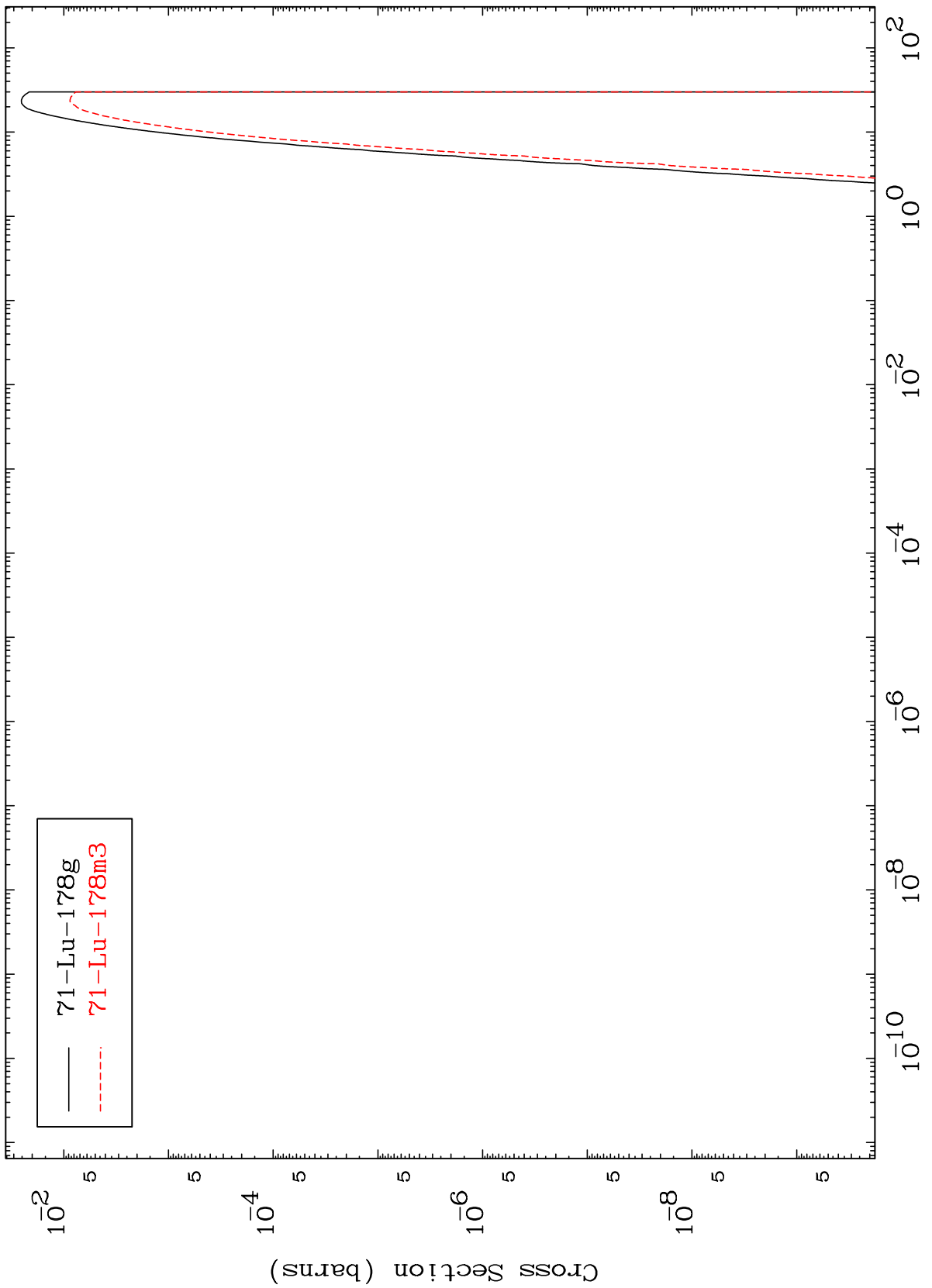


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(n,p)

72-Hf-178

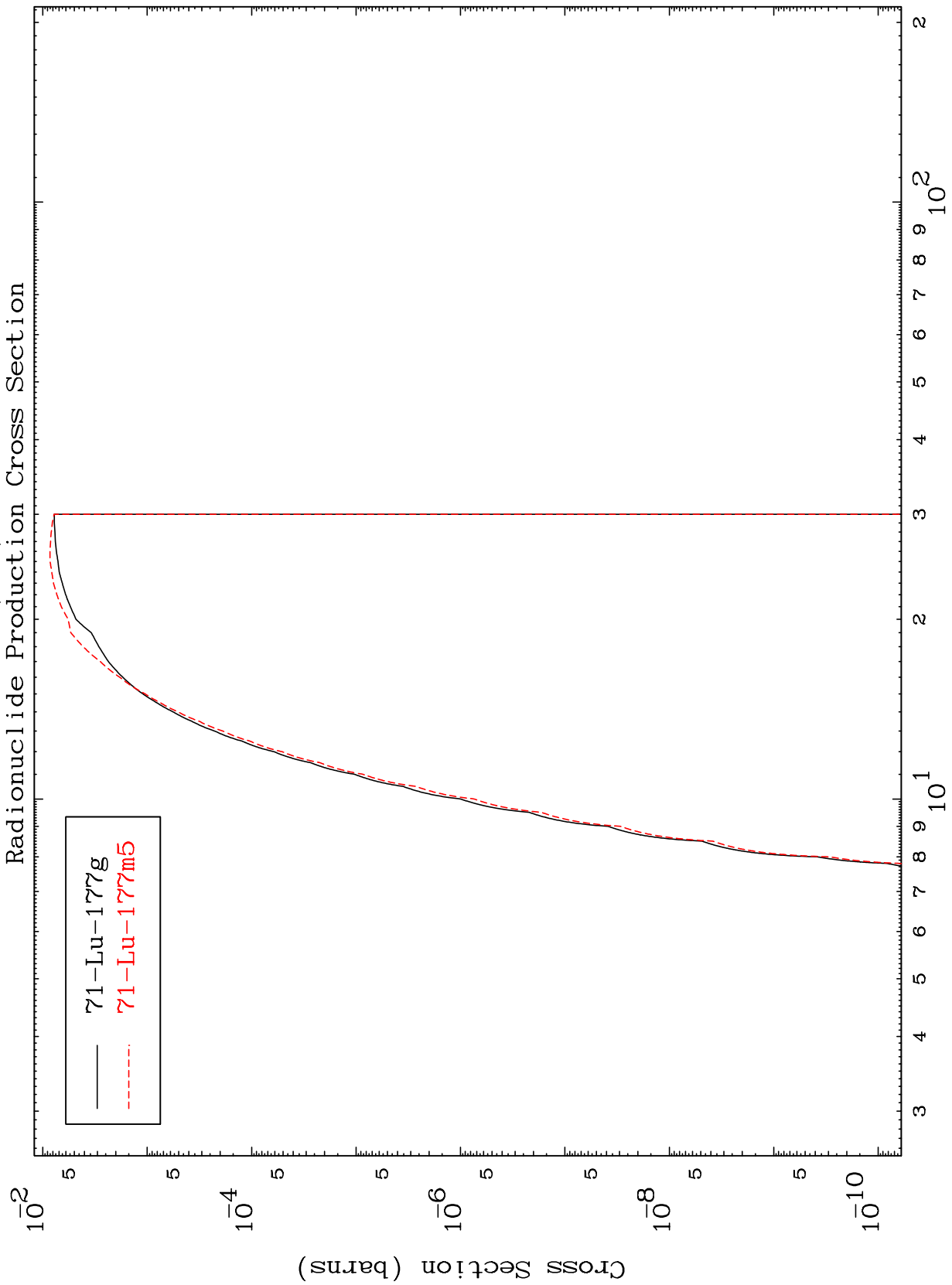
Radionuclide Production Cross Section



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72-Hf-178

(n,d)
Radionuclide Production Cross Section



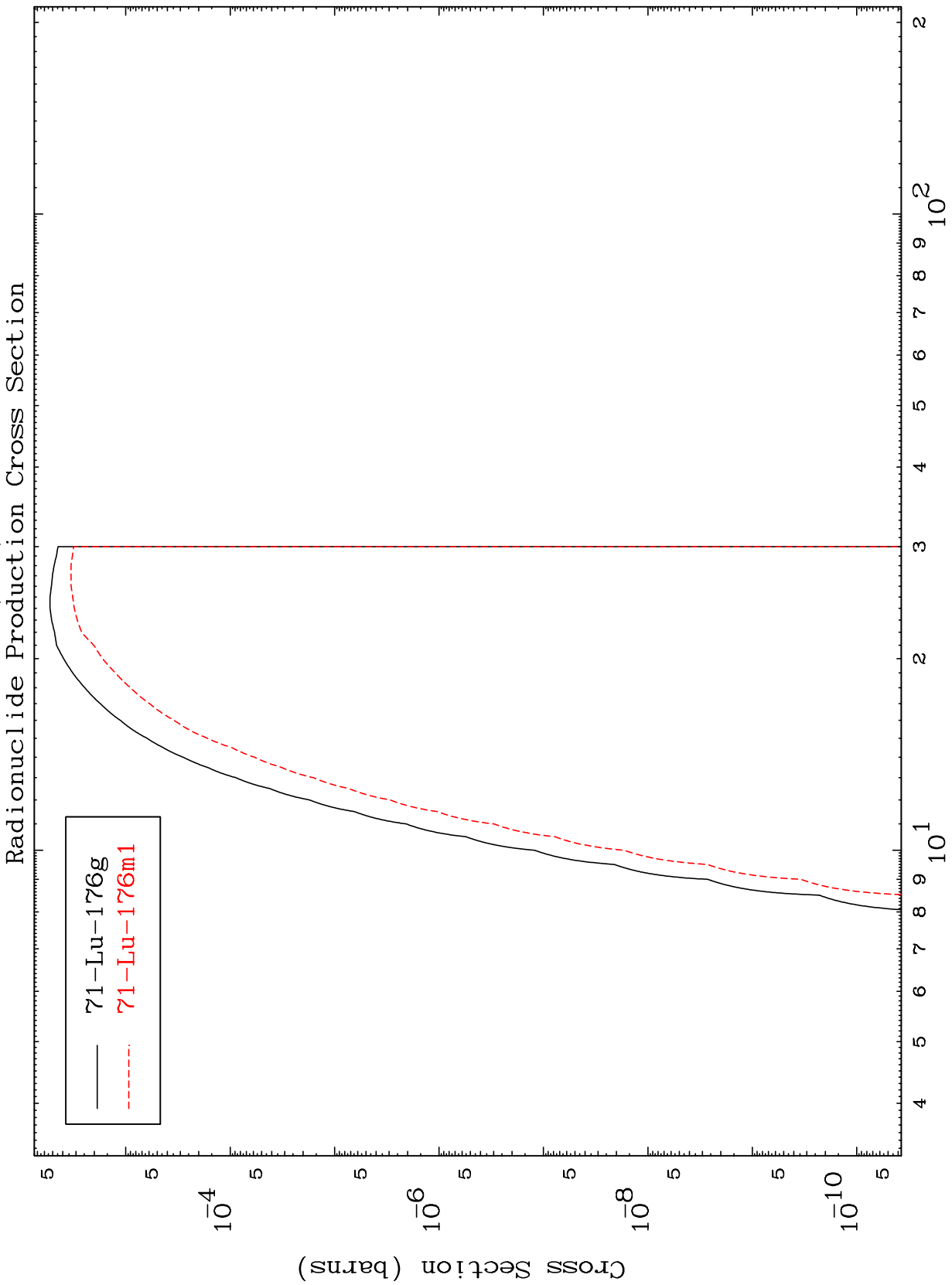
Incident Energy (MeV)

72-Hf-178

26

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72-Hf-178



— 71-Lu-176g
- - - 71-Lu-176m1

27

Incident Energy (MeV)

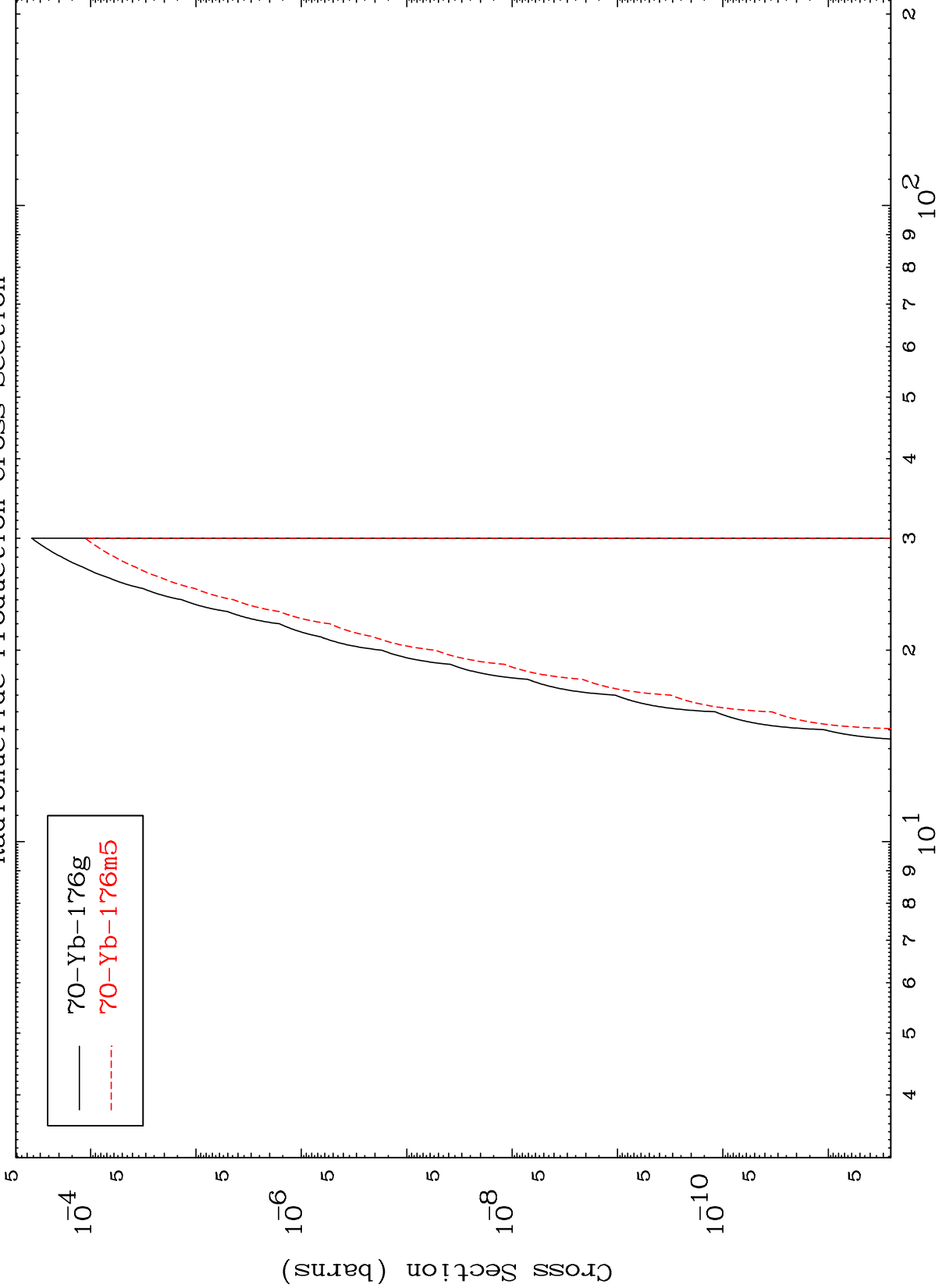
72-Hf-178

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(n,He-3)

72-Hf-178

Radionuclide Production Cross Section

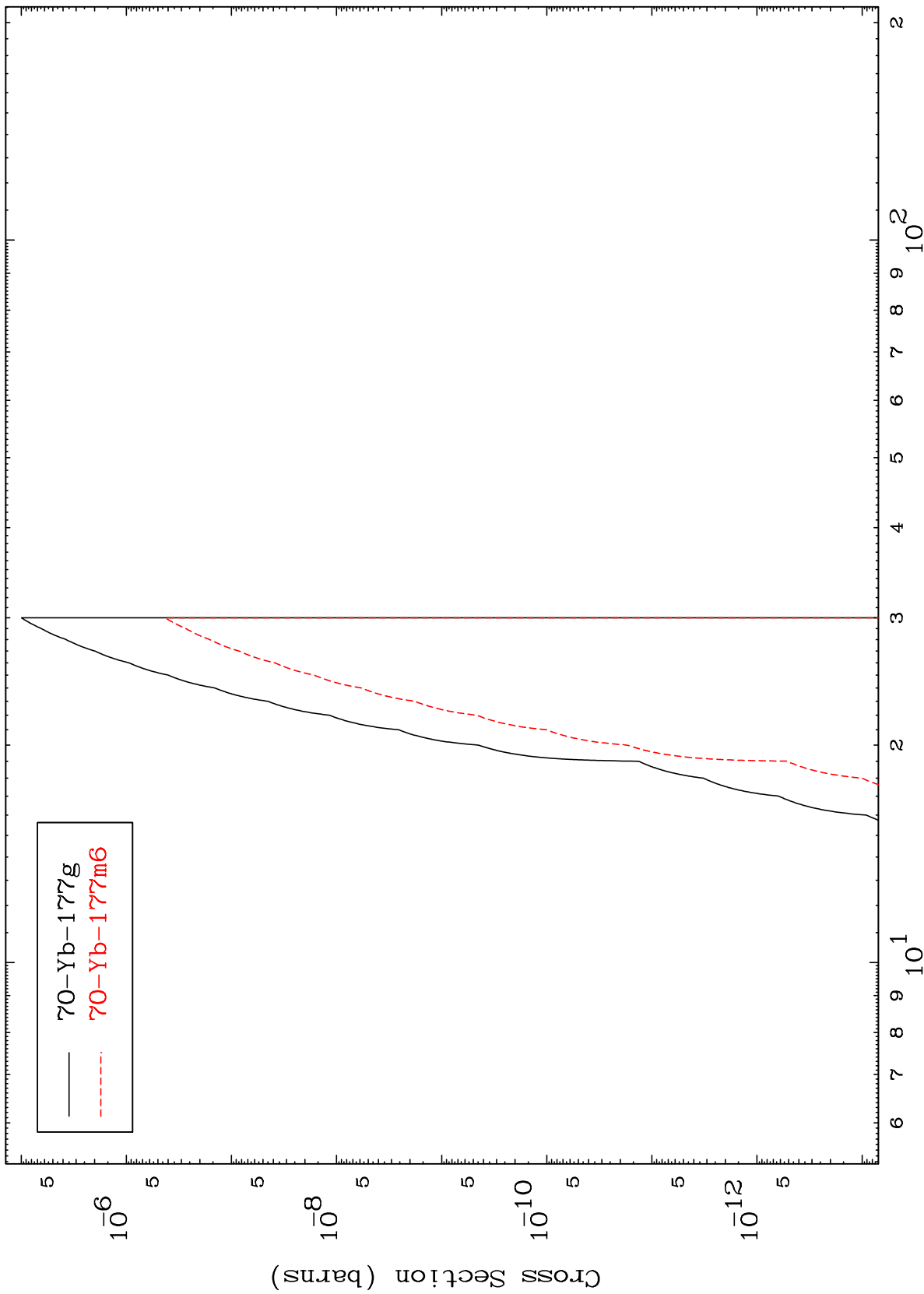


— 70-Yb-176g
- - - 70-Yb-176m5

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72-Hf-178

(n,2p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

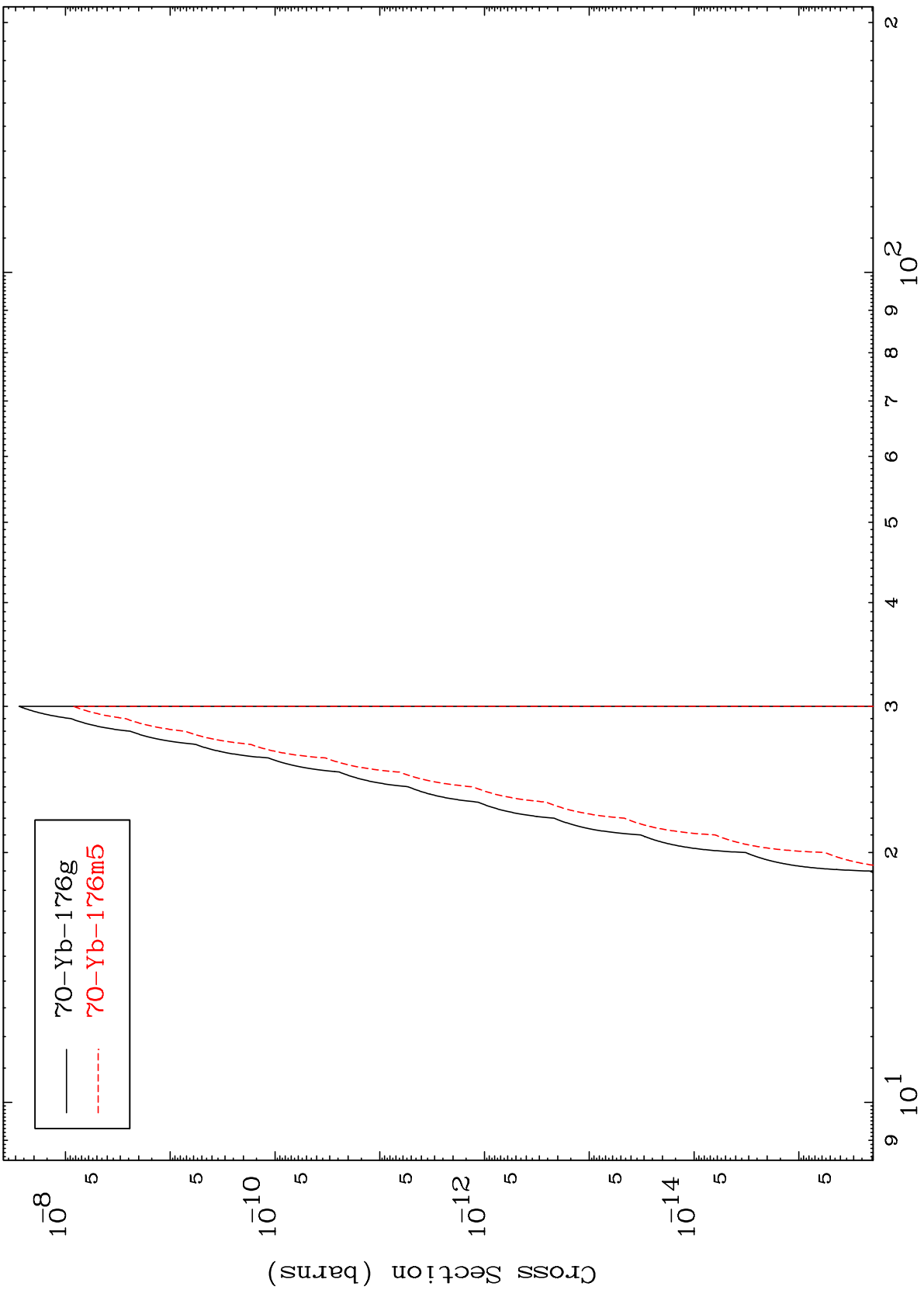
72-Hf-178

MAT 7239

(n,p) d

⁷²Hf-178

Radionuclide Production Cross Section



30

Incident Energy (MeV)

⁷²Hf-178