

Program EVALPLOT
(Version 2017-1)

by

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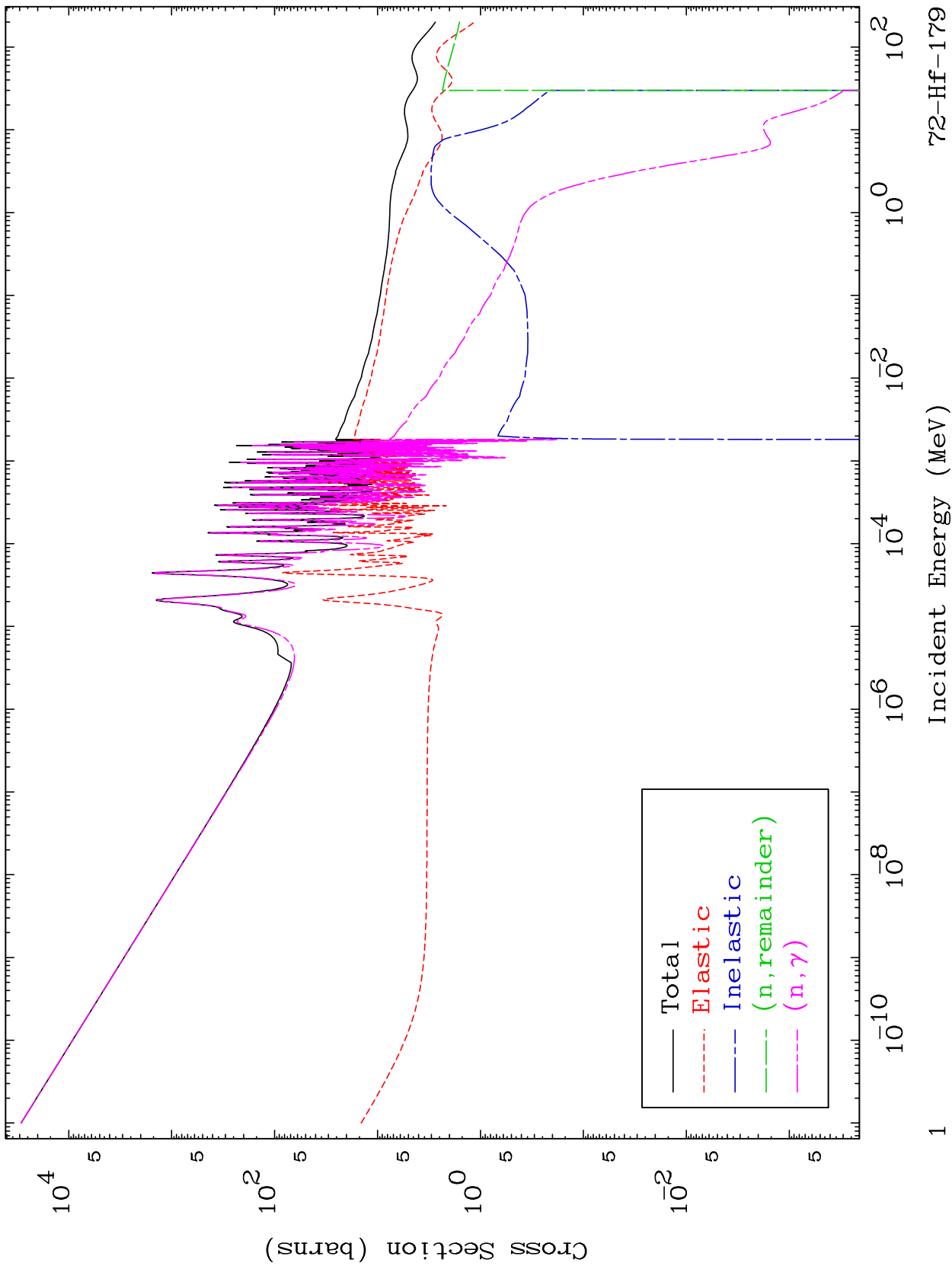
Press Mouse Button to Start

MAT 7242

Major

293 Kelvin Cross Sections

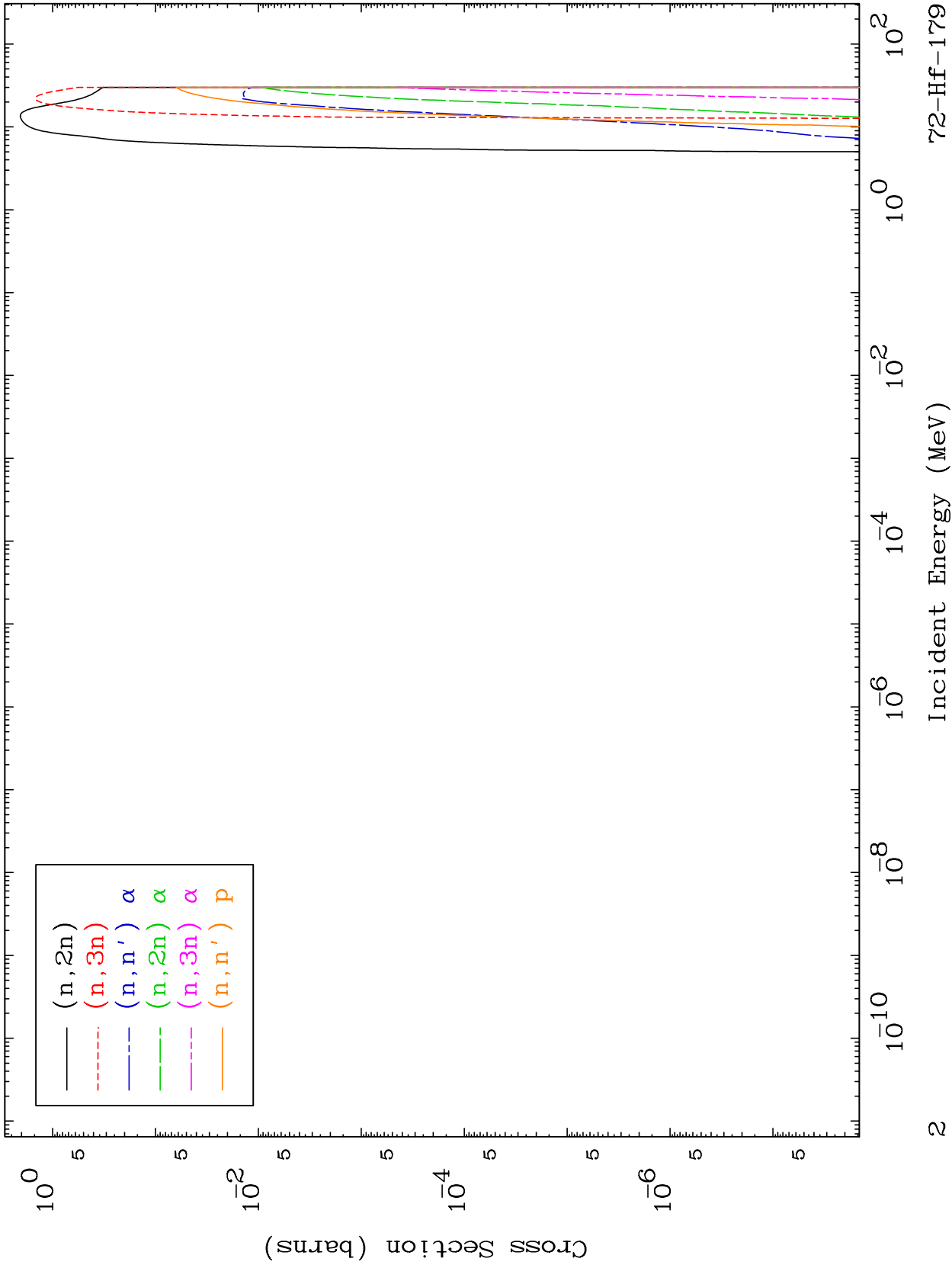
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

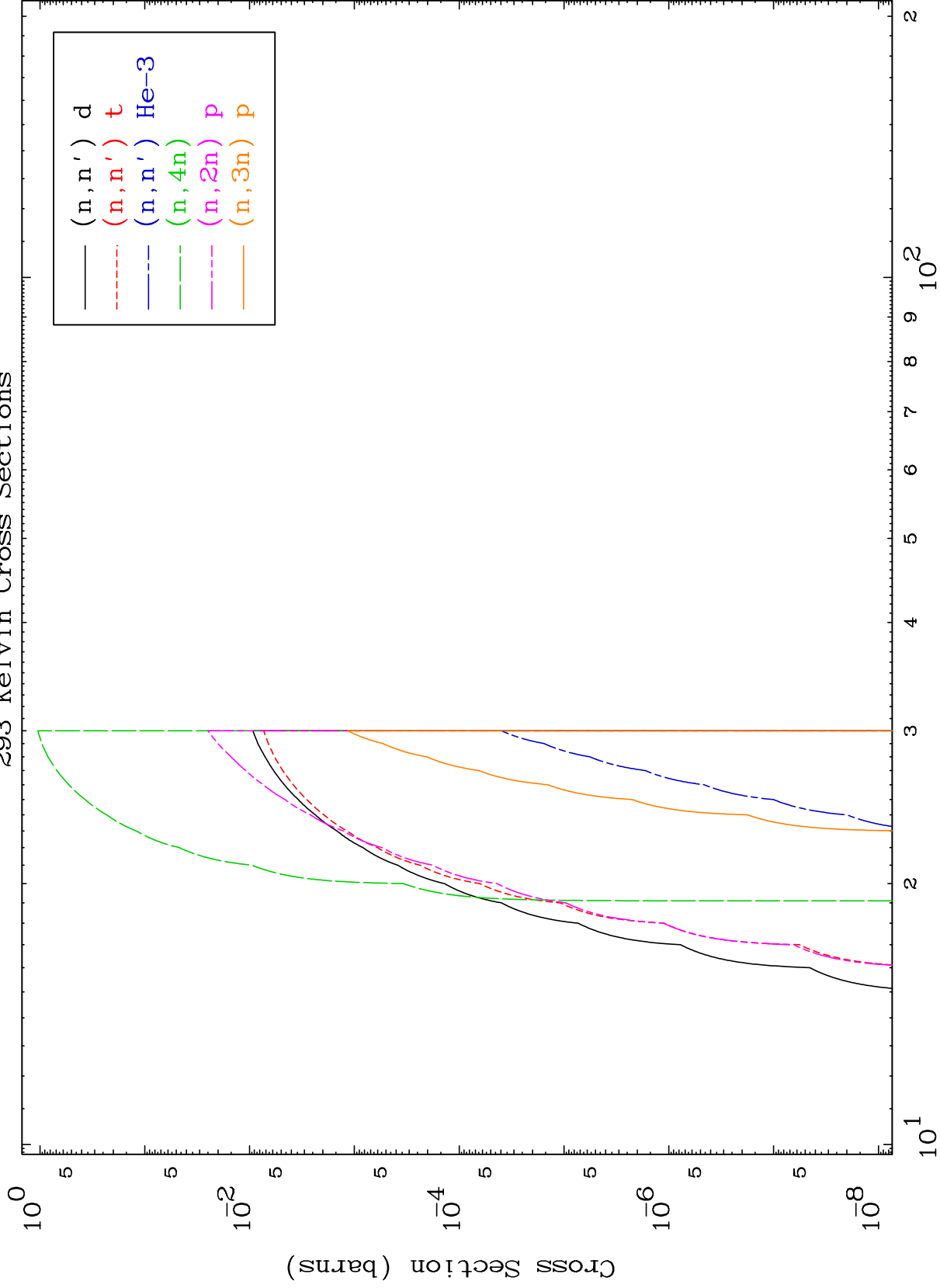
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

72-Hf-179



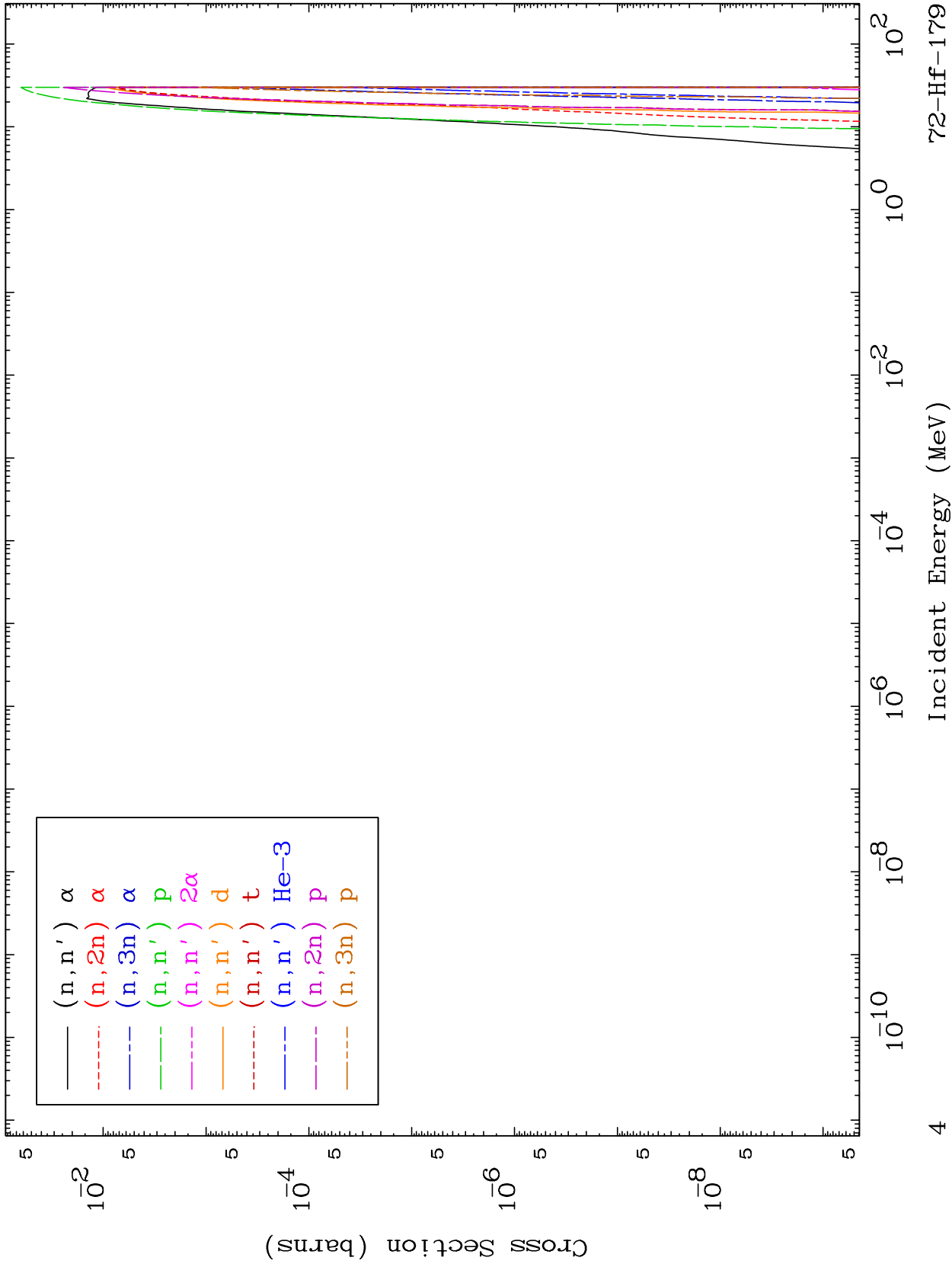
Incident Energy (MeV)

72-Hf-179

MAT 7242

Charged Particle
293 Kelvin Cross Sections

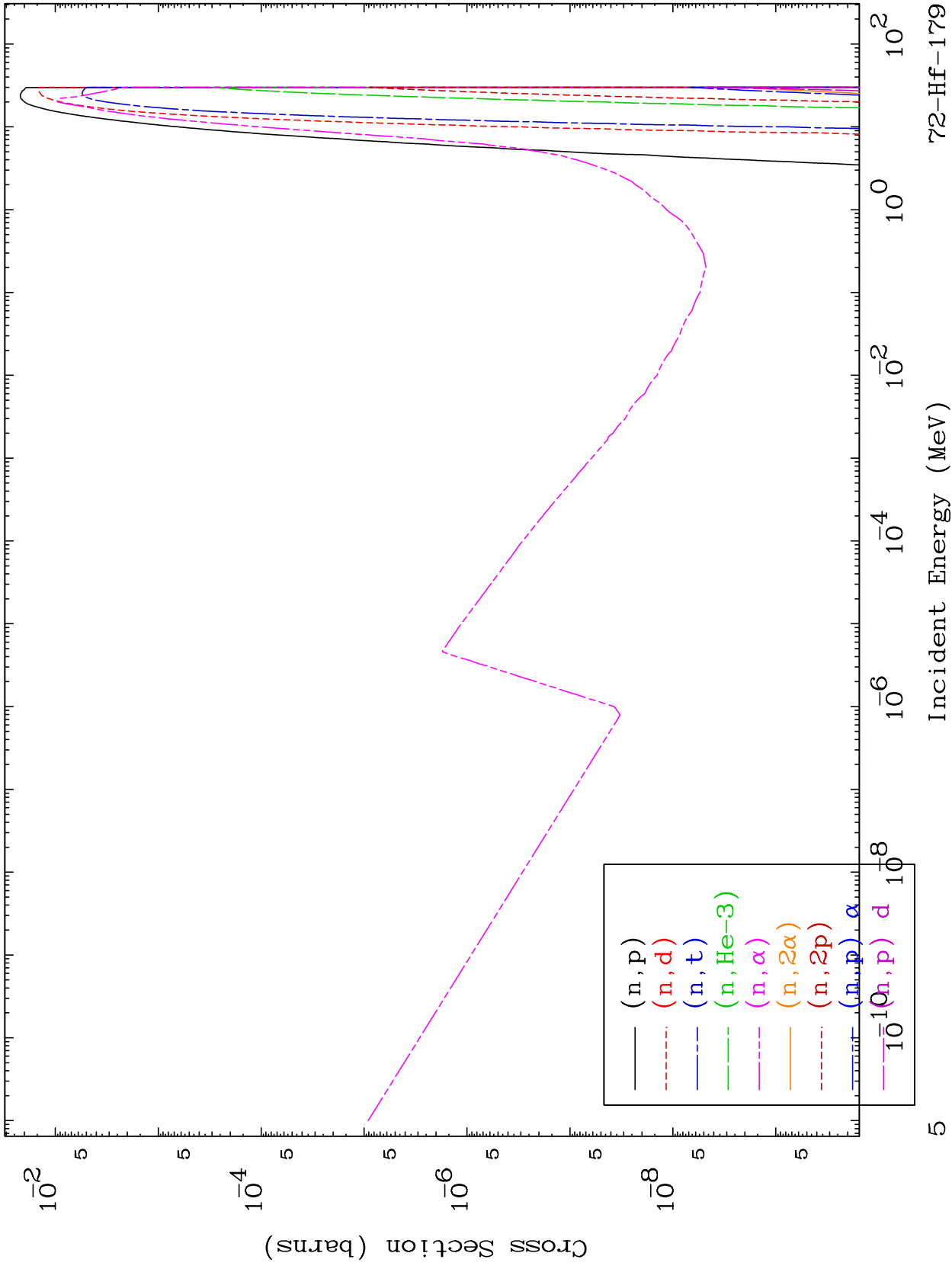
72-Hf-179



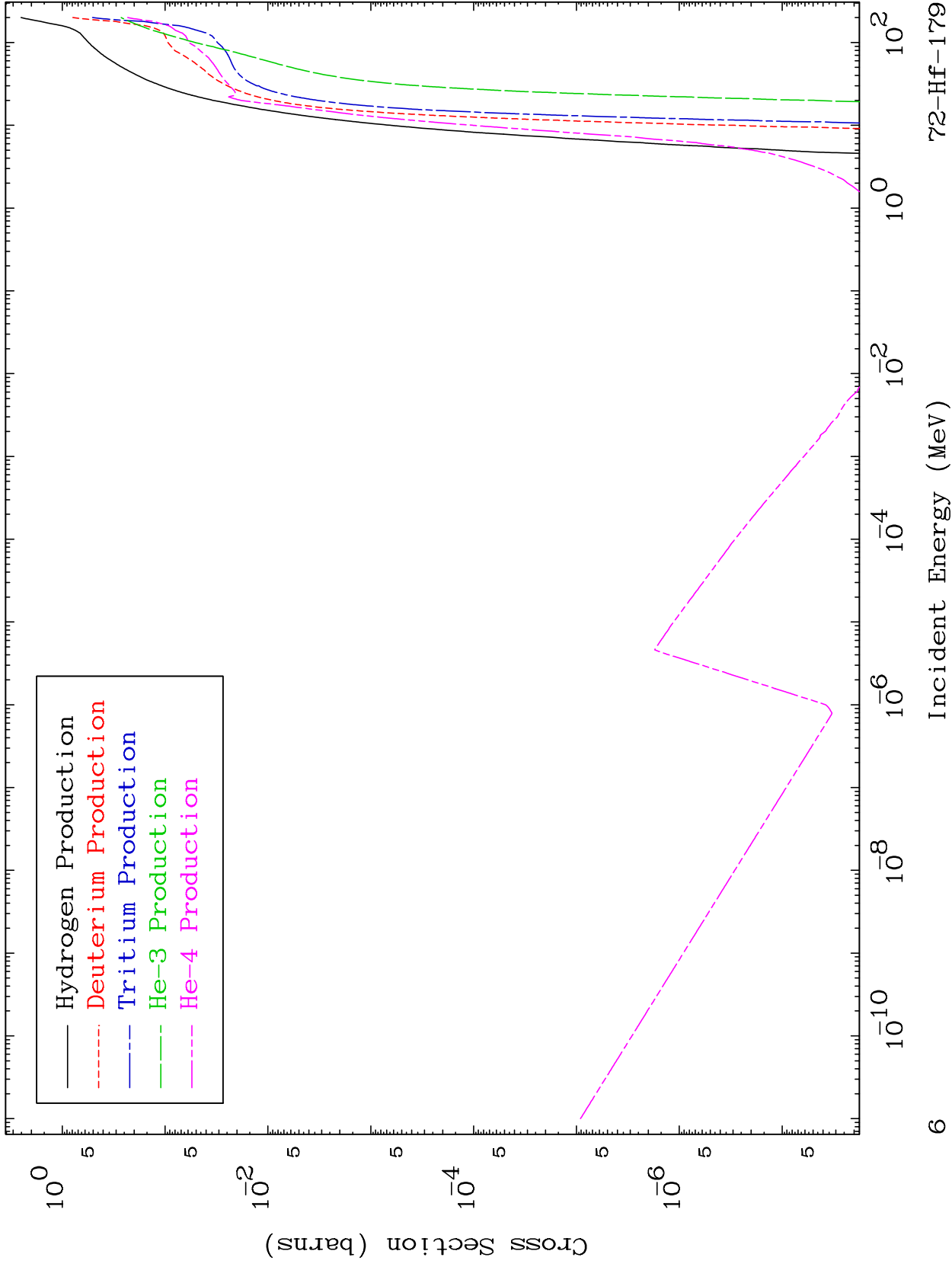
MAT 7242

Charged Particle
293 Kelvin Cross Sections

72-Hf-179



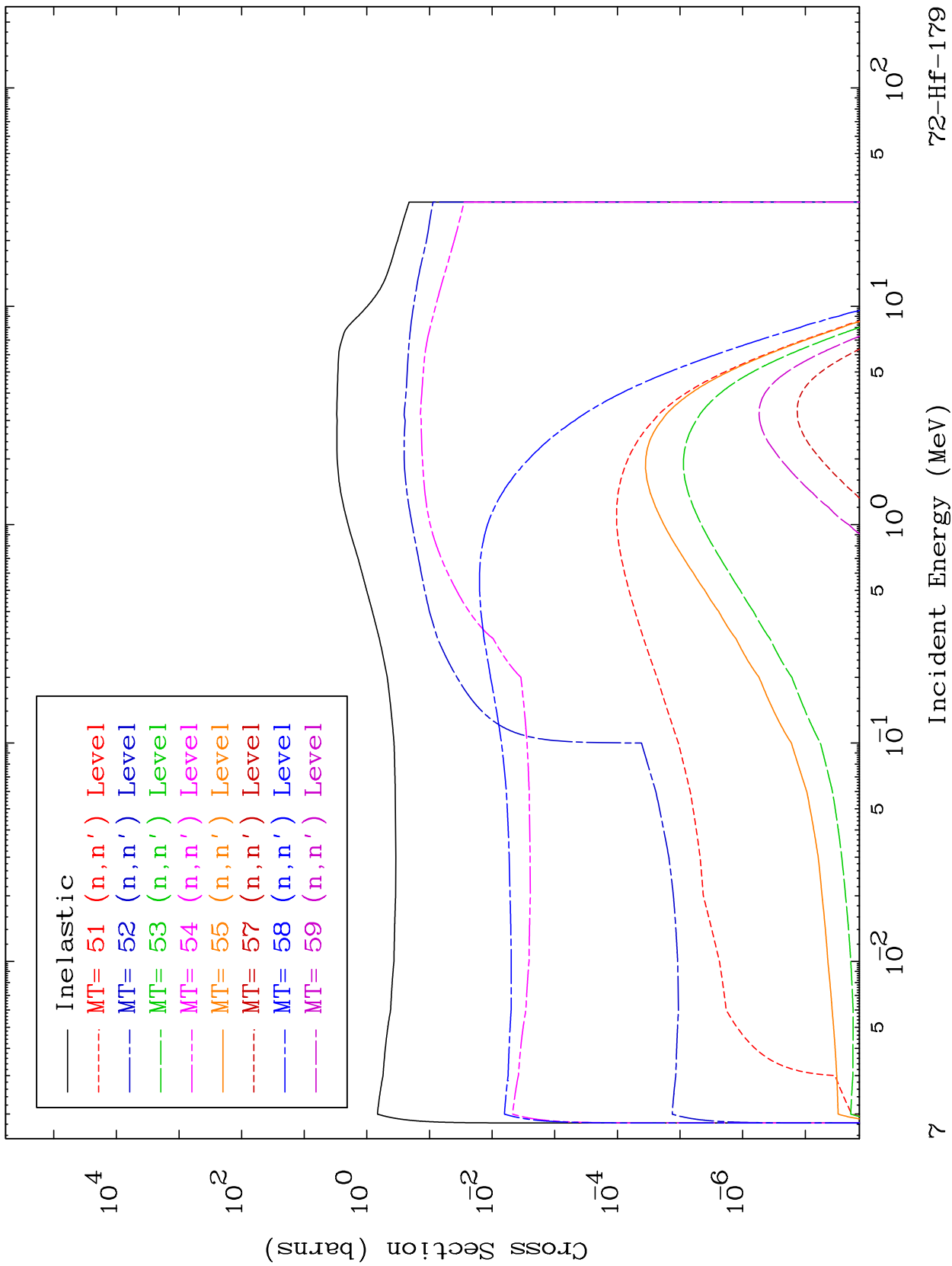
5



MAT 7242

293 Kelvin Cross Sections

72-Hf-179

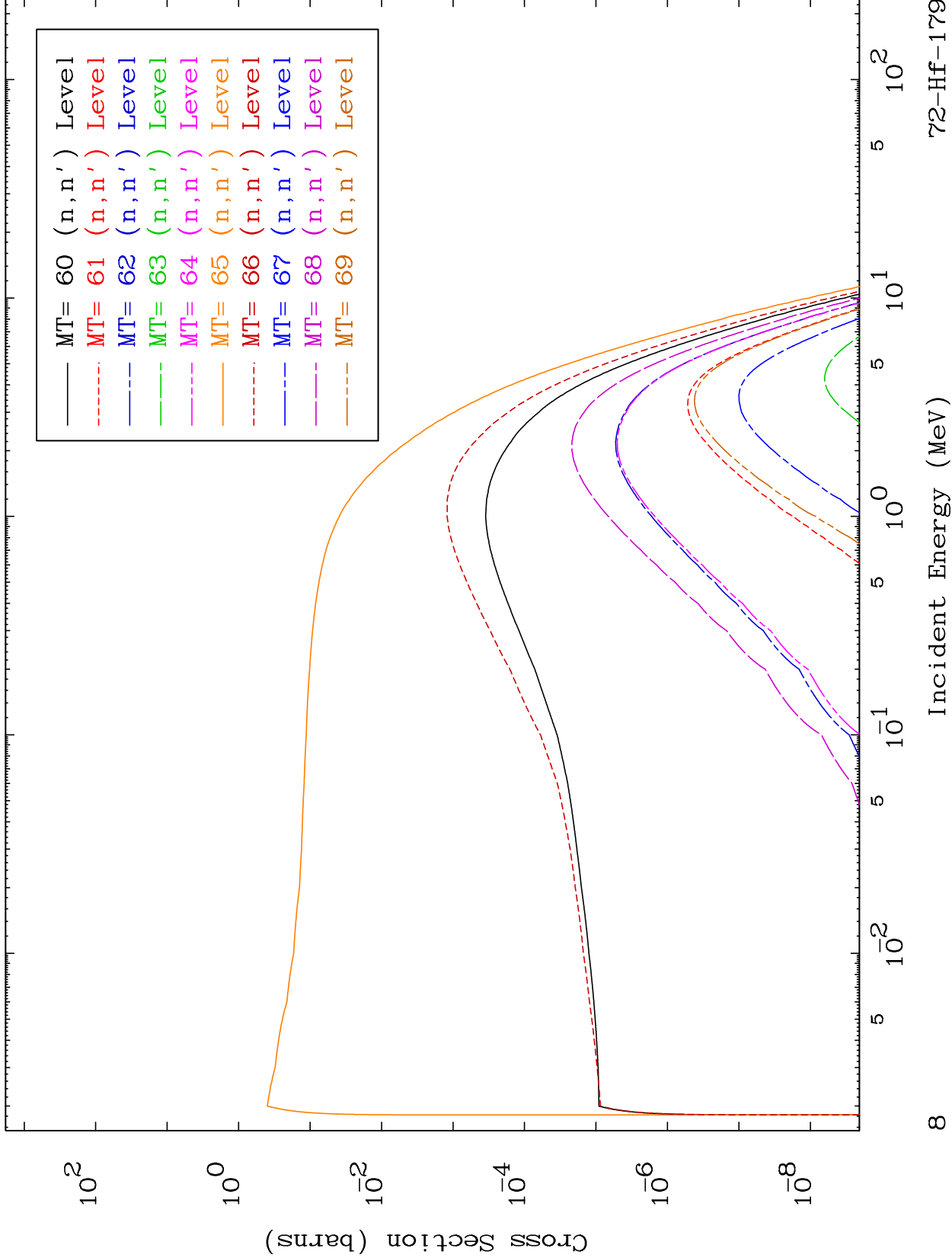


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(n,n') Level

72-Hf-179

293 Kelvin Cross Sections

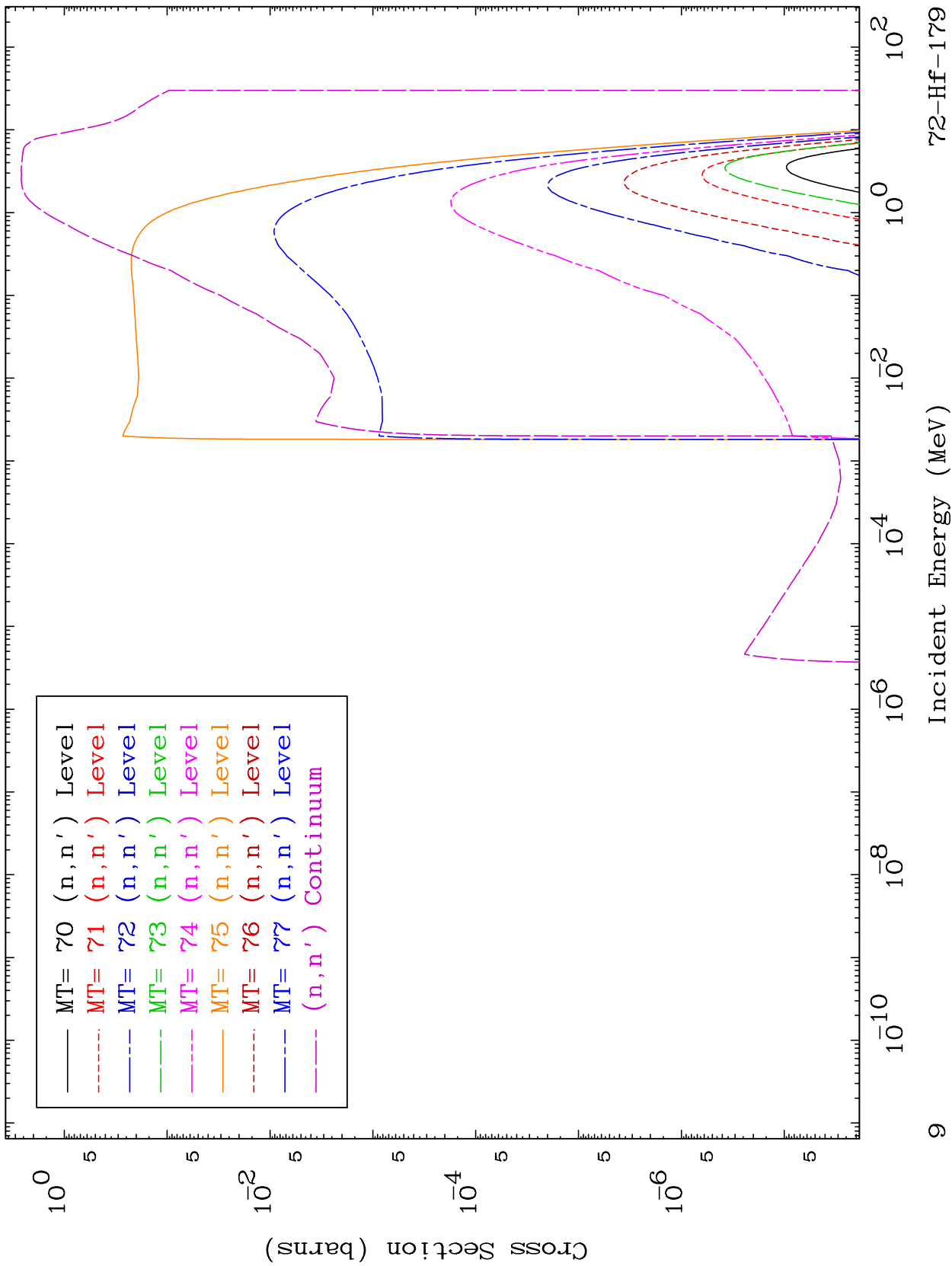


MAT 7242

(n,n') Level

72-Hf-179

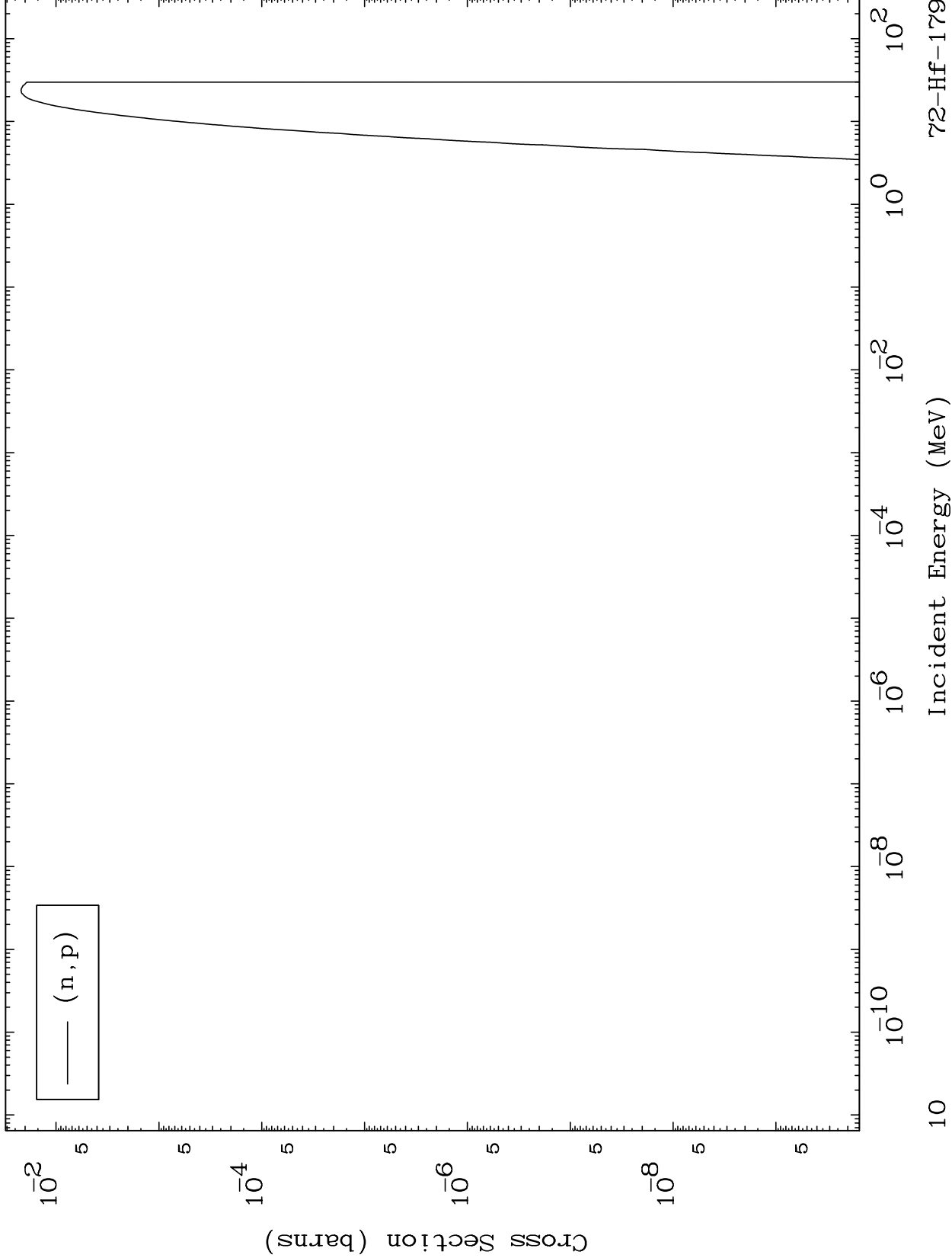
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

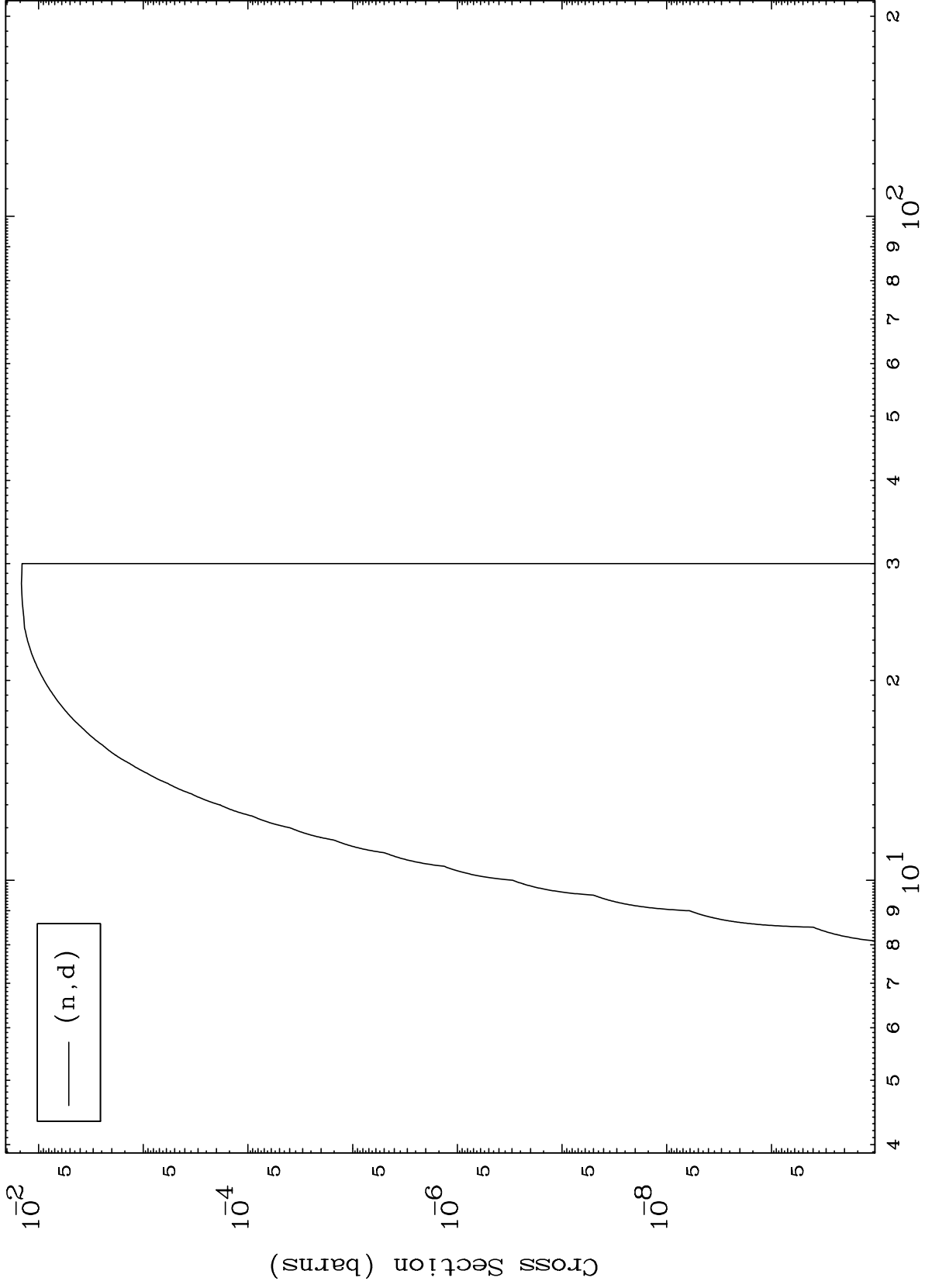
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179



11

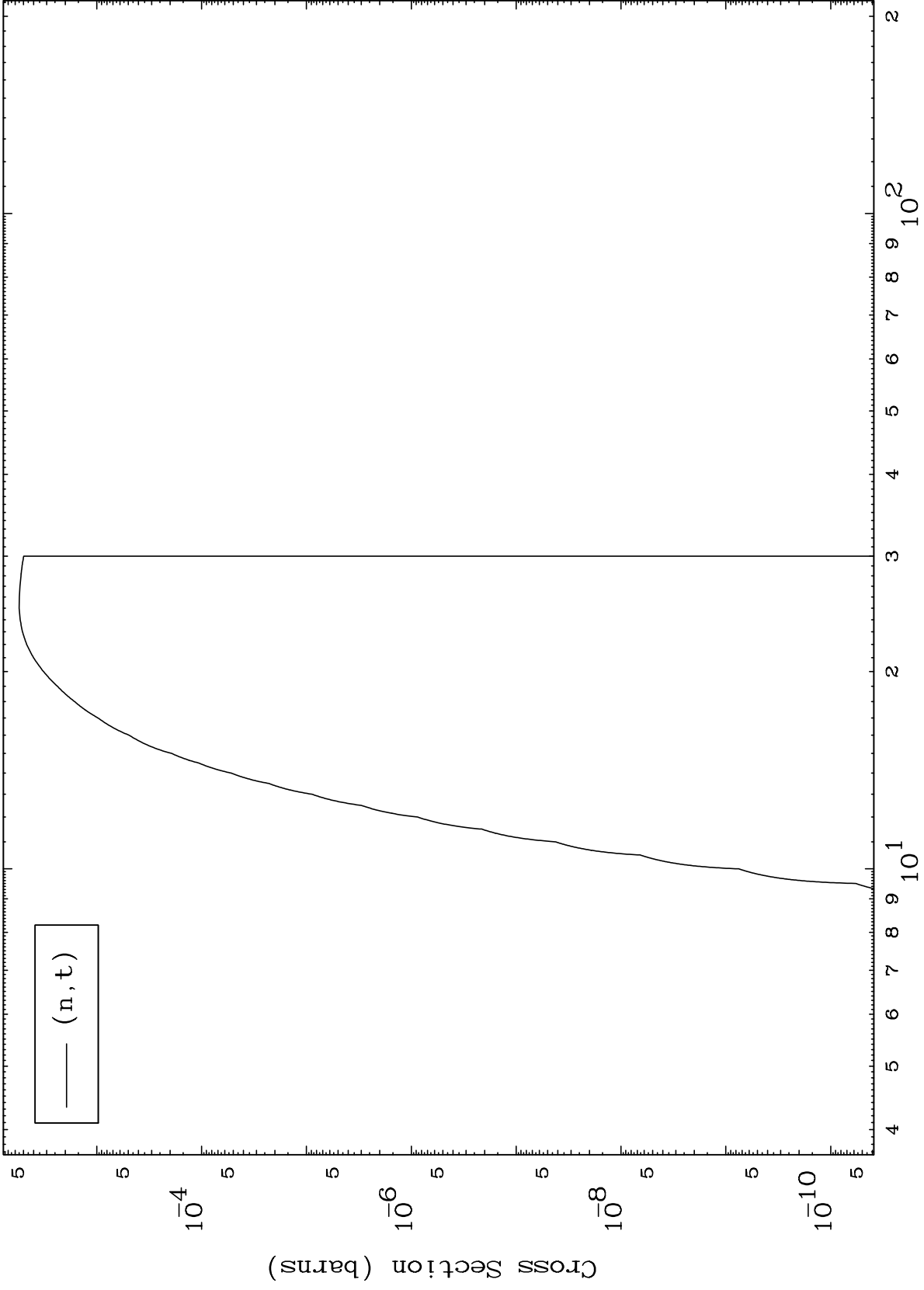
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

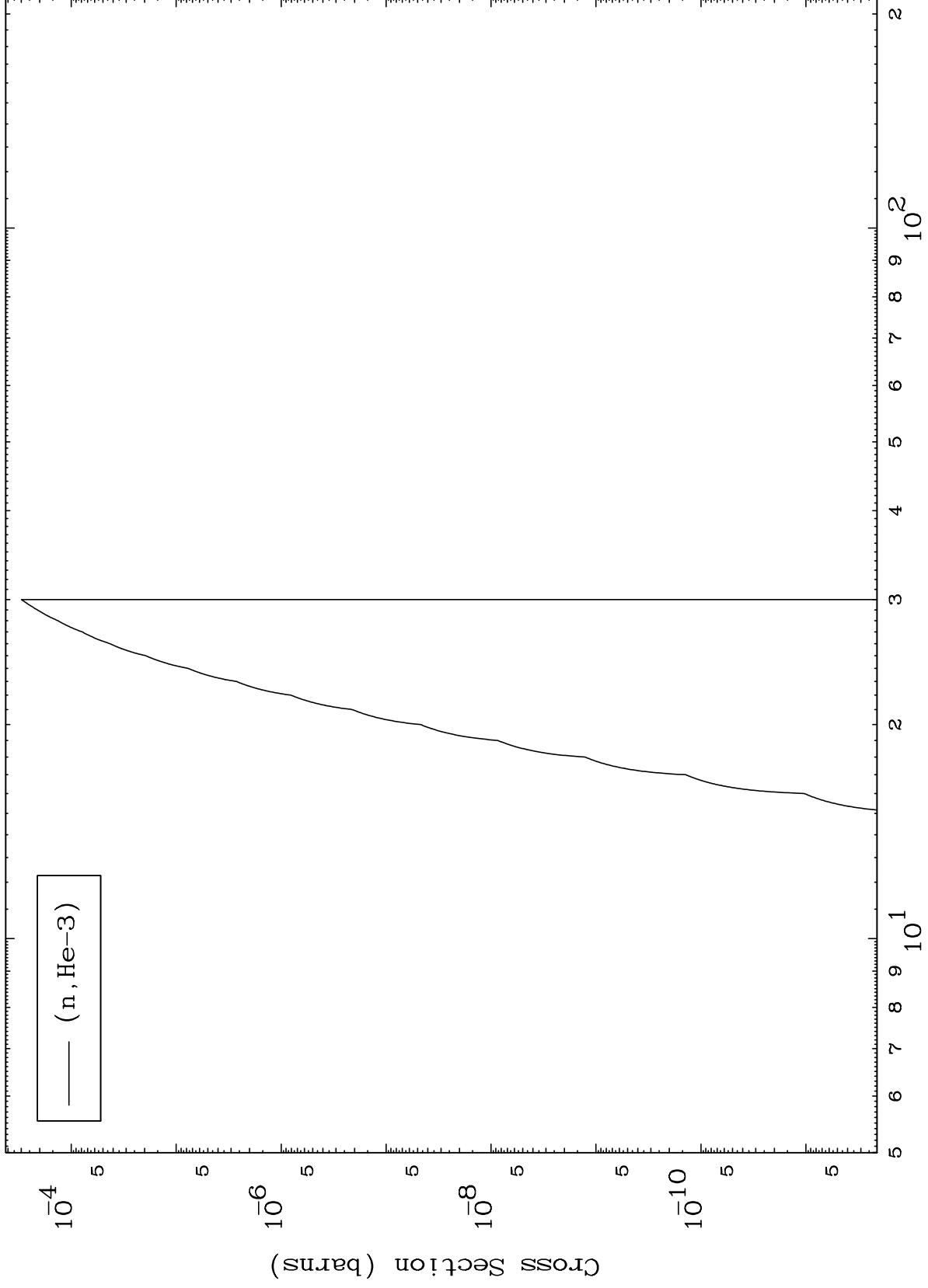
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-179



13

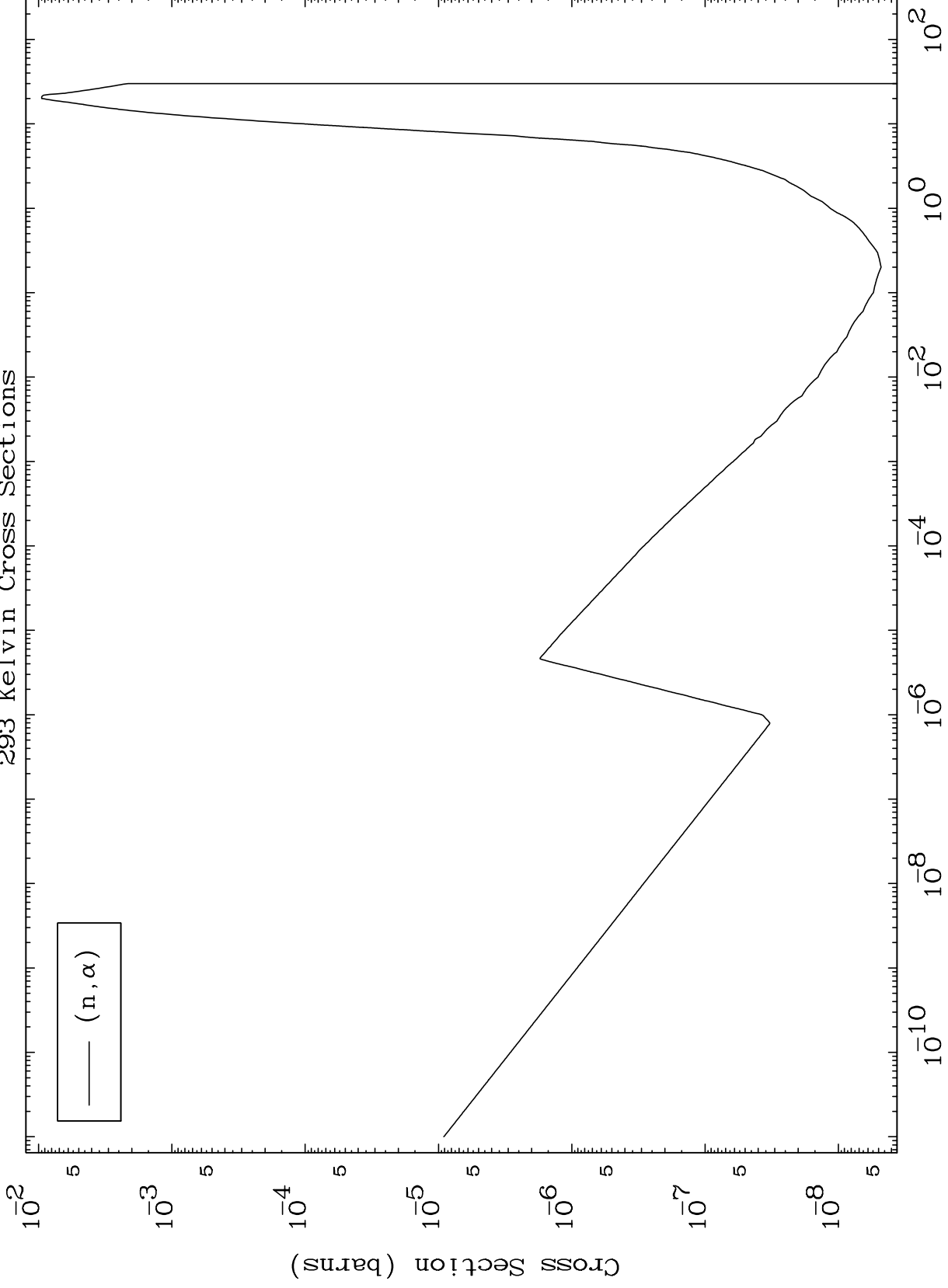
Incident Energy (MeV)

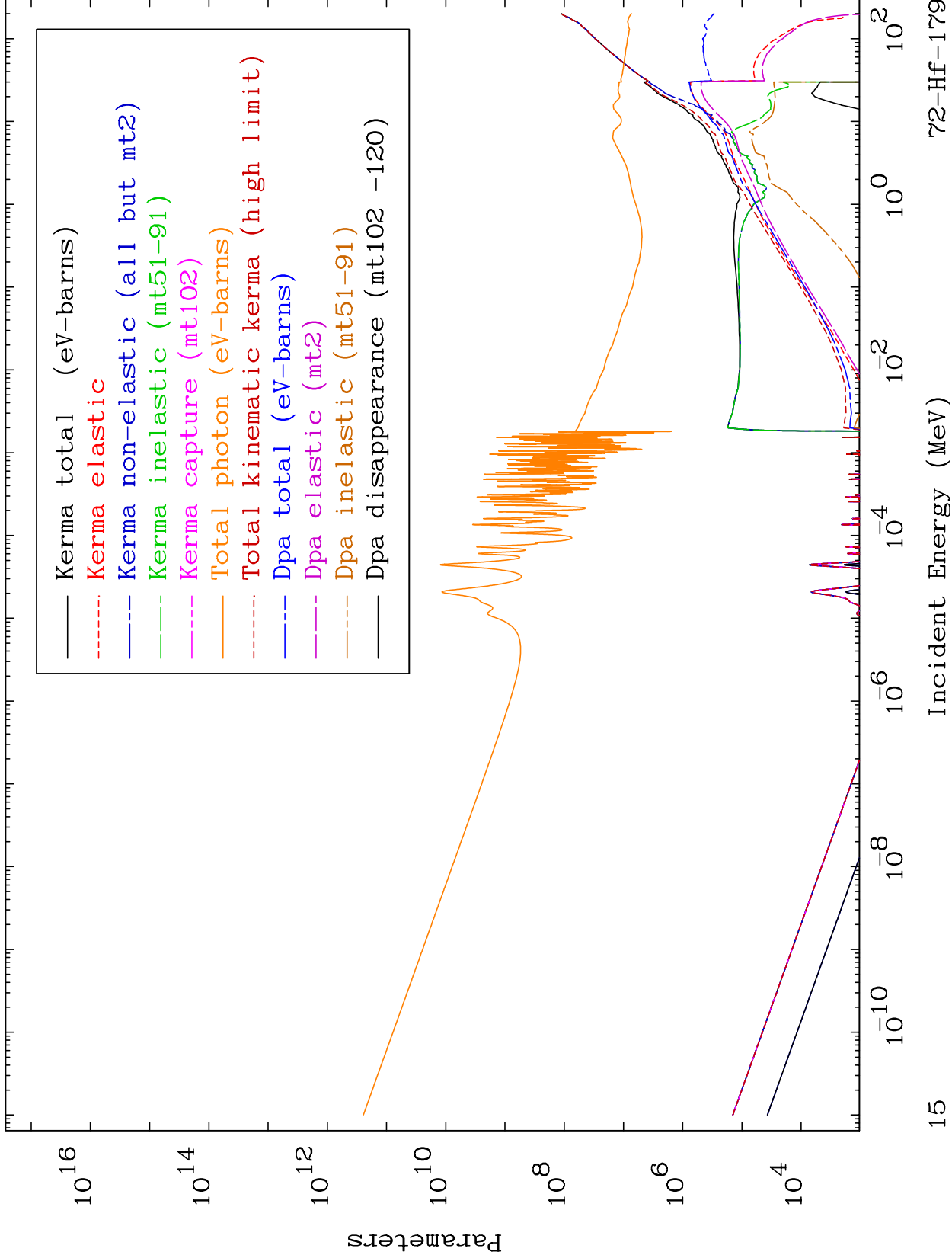
72-Hf-179

MAT 7242

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-179

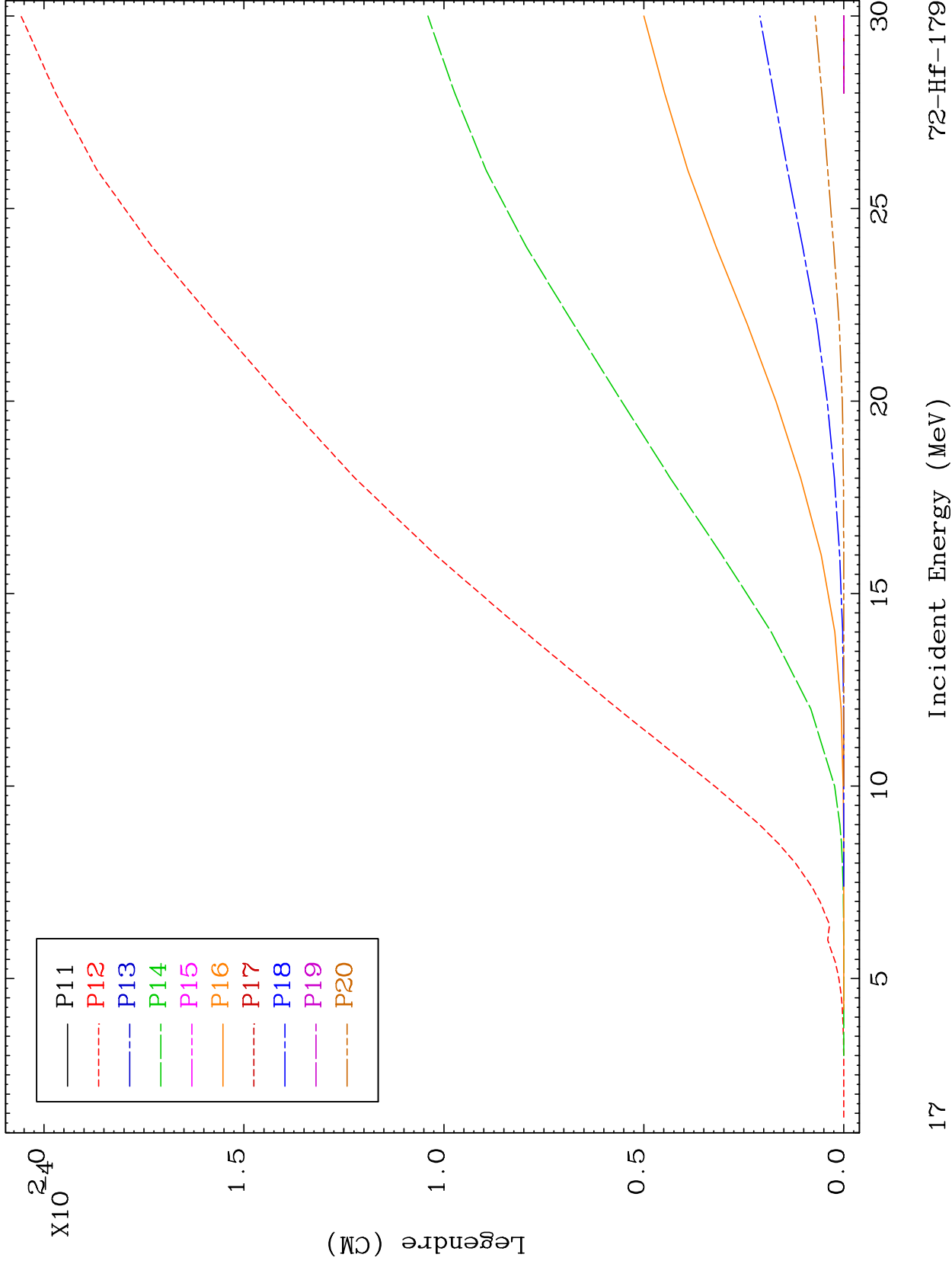




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Elastic Legendre Coefficients

72-Hf-179



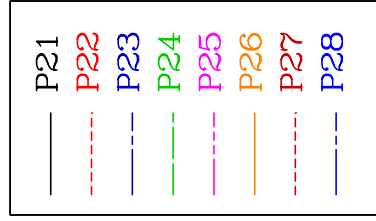
17

72-Hf-179

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Elastic
Legendre Coefficients

72-Hf-179



Legendre (CM)
 $\times 10^{-6}$

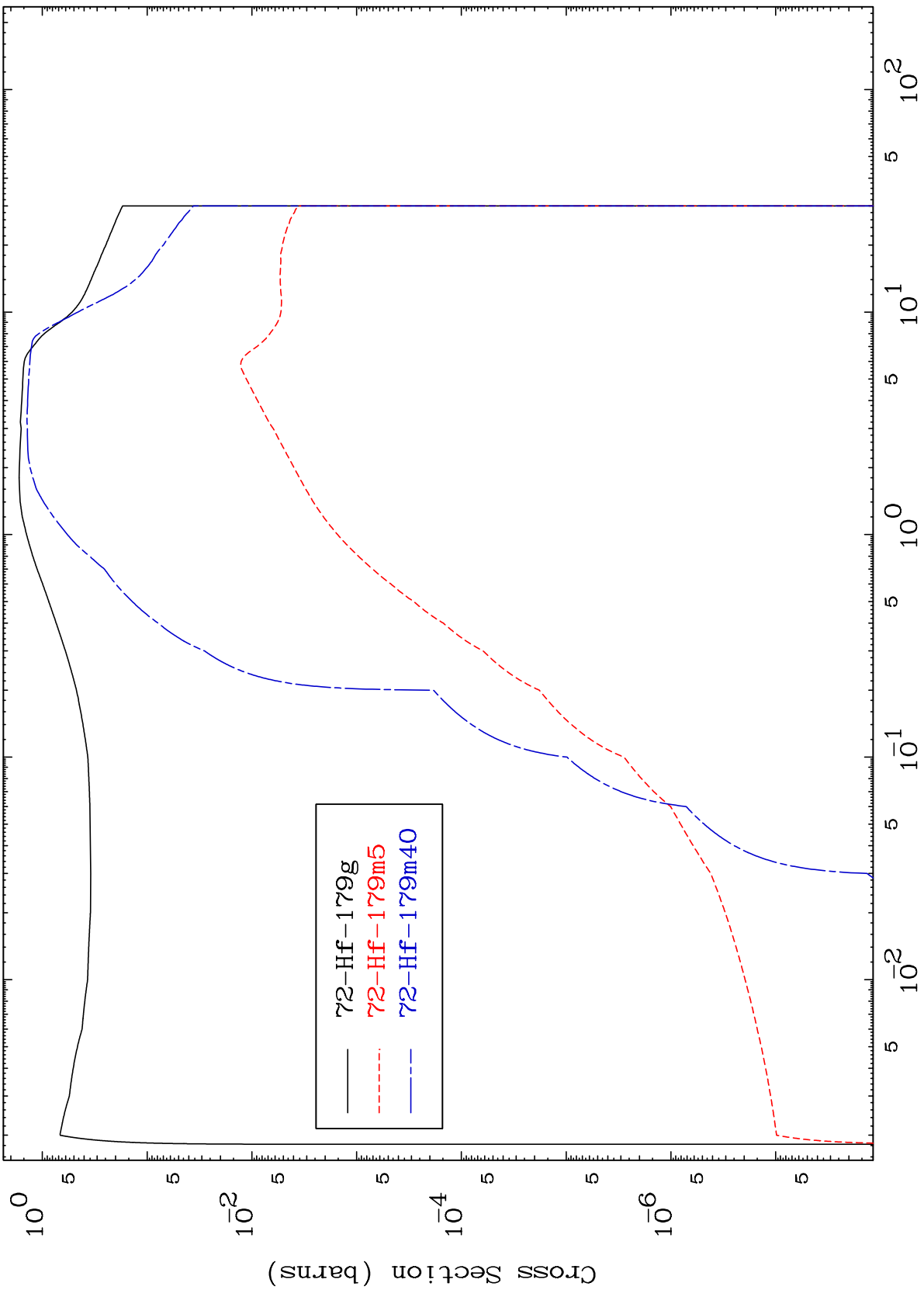


18

Incident Energy (MeV)

72-Hf-179

Inelastic
Radionuclide Production Cross Section

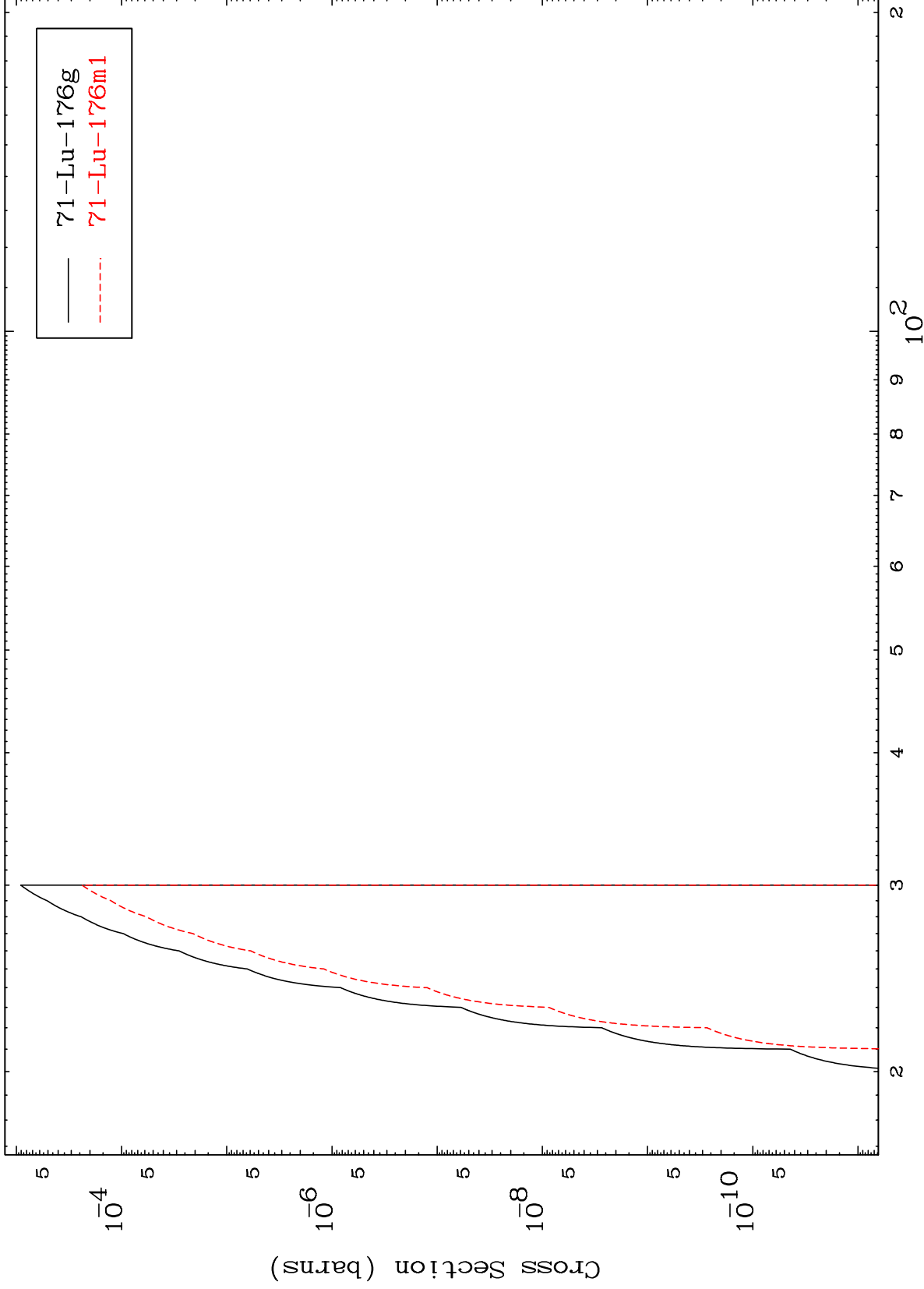


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(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



20

Incident Energy (MeV)

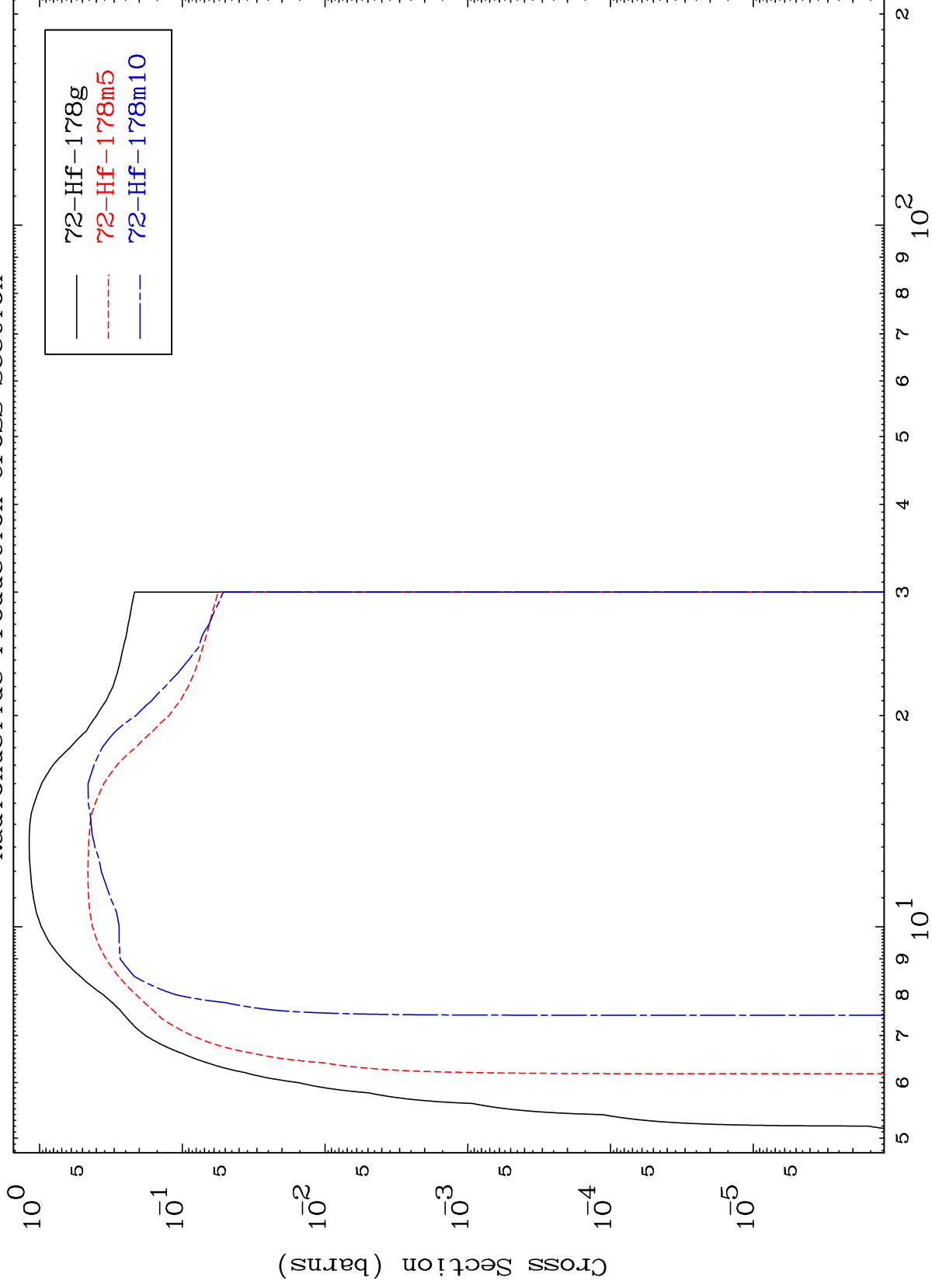
72-Hf-179

MAT 7242

(n,2n)

72-Hf-179

Radionuclide Production Cross Section



21

Incident Energy (MeV)

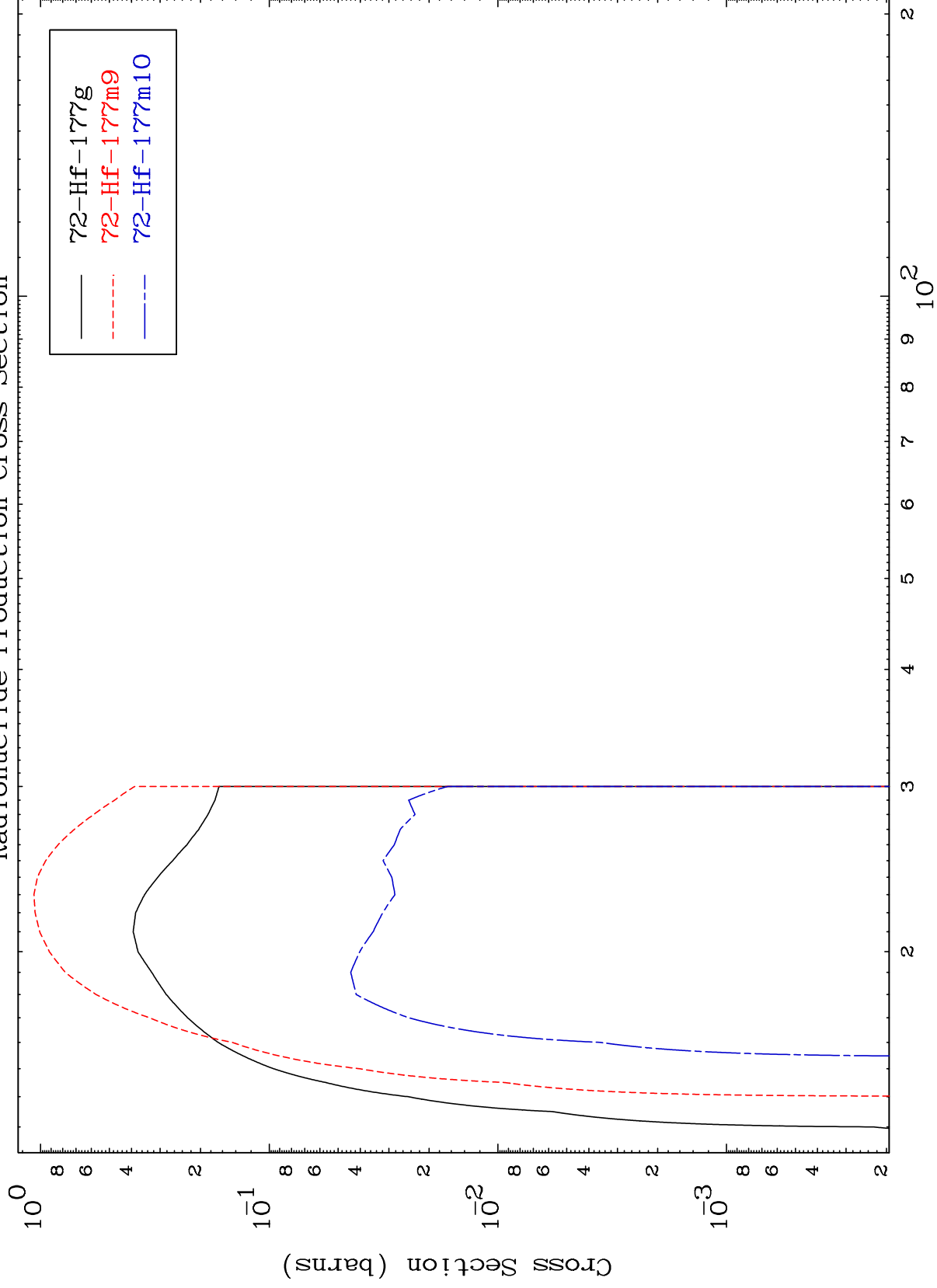
72-Hf-179

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(n,3n)

72-Hf-179

Radionuclide Production Cross Section



22

Incident Energy (MeV)

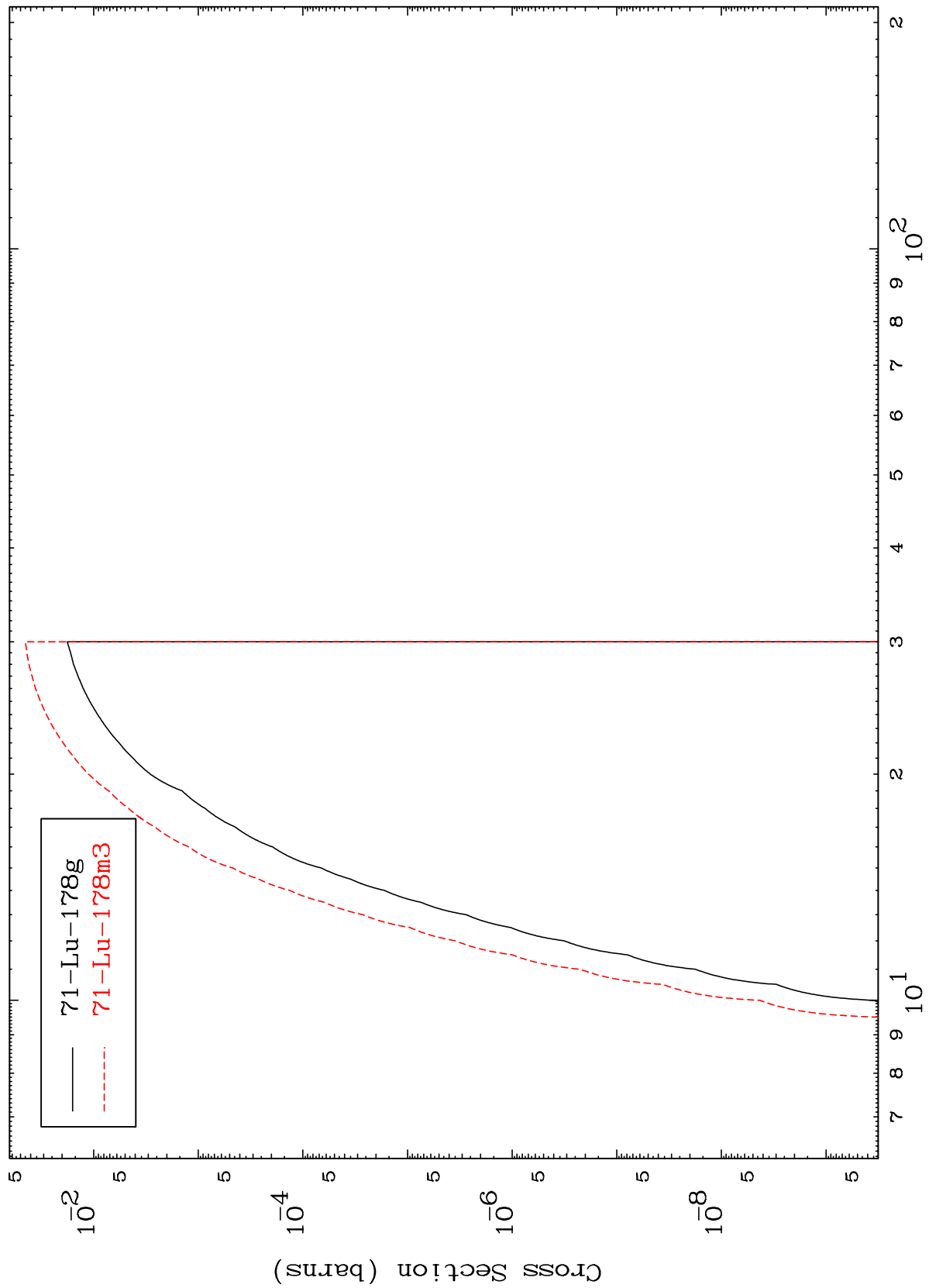
72-Hf-179

MAT 7242

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



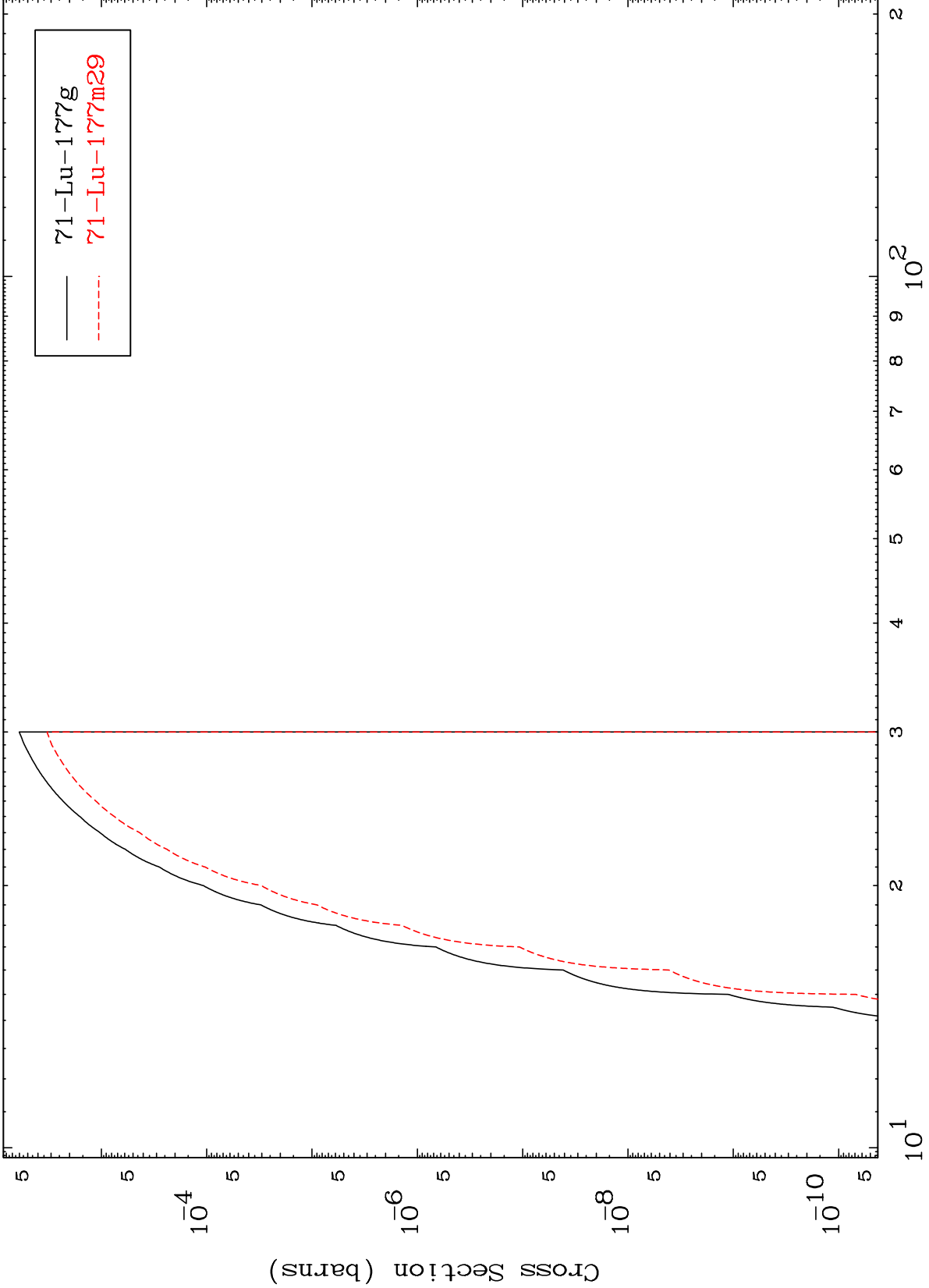
71-Lu-178g
71-Lu-178m3

MAT 7242

(n,n') d

72-Hf-179

Radionuclide Production Cross Section

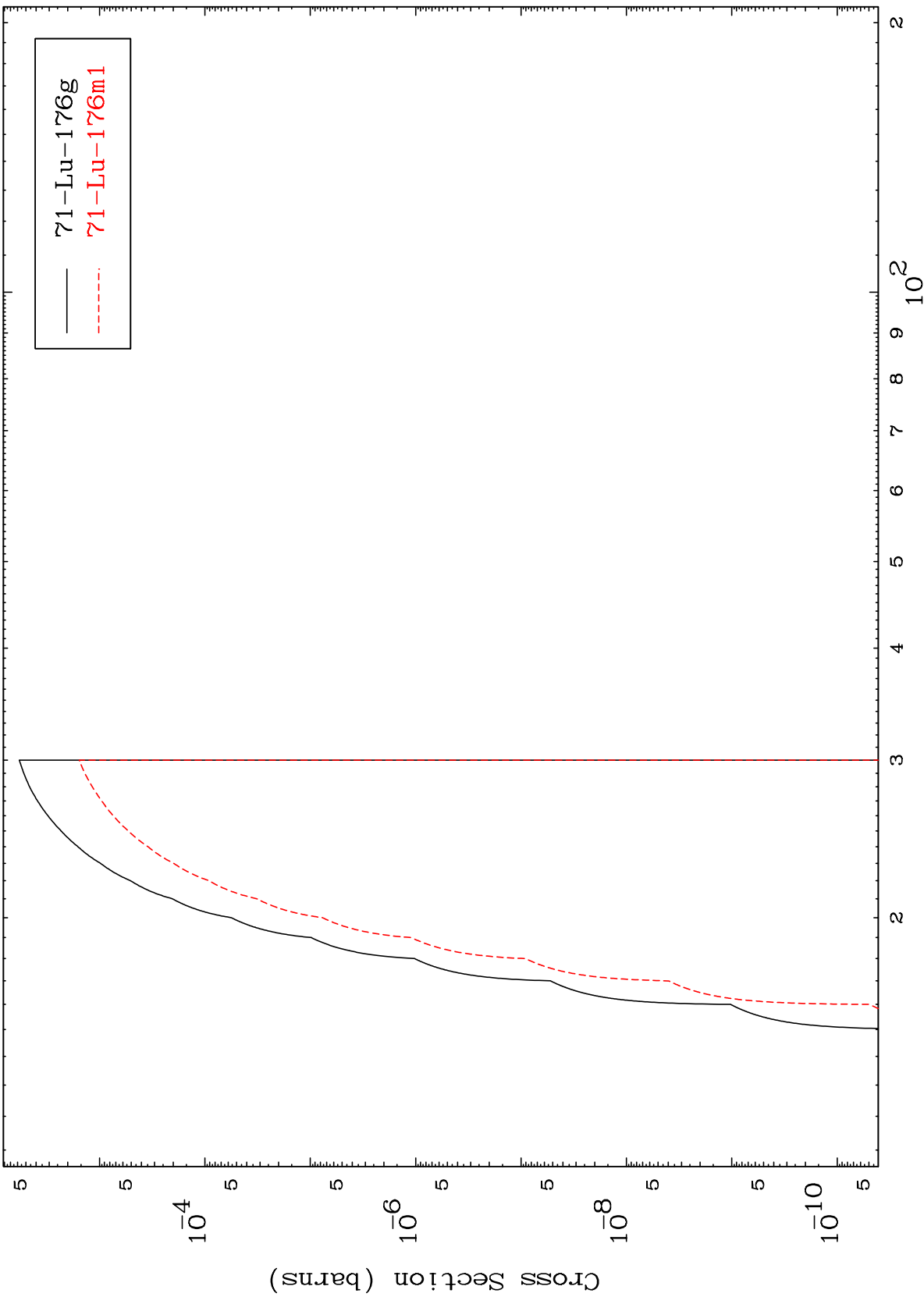


Incident Energy (MeV)

72-Hf-179

24

Radionuclide Production Cross Section

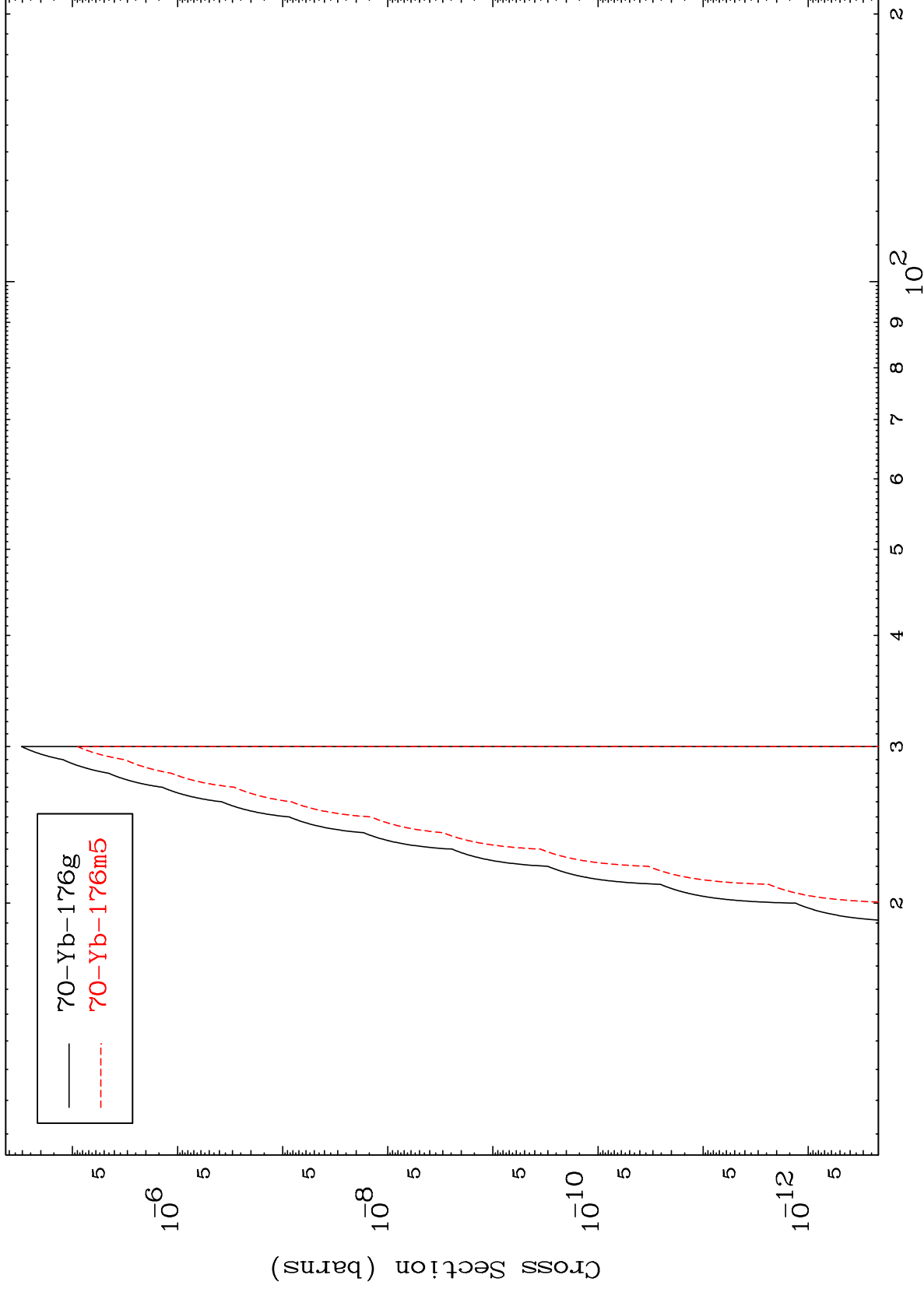


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(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section

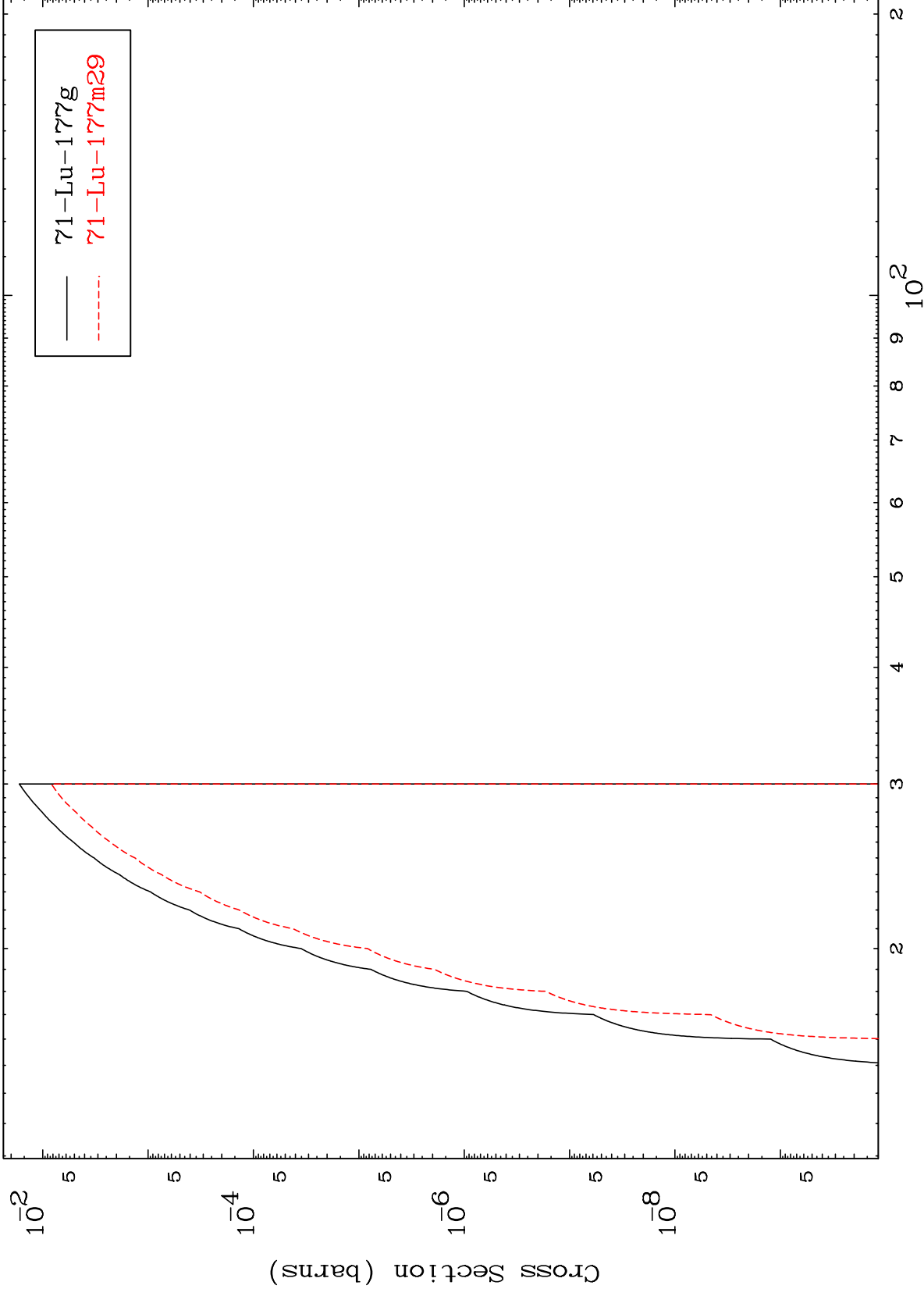


MAT 7242

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



27

Incident Energy (MeV)

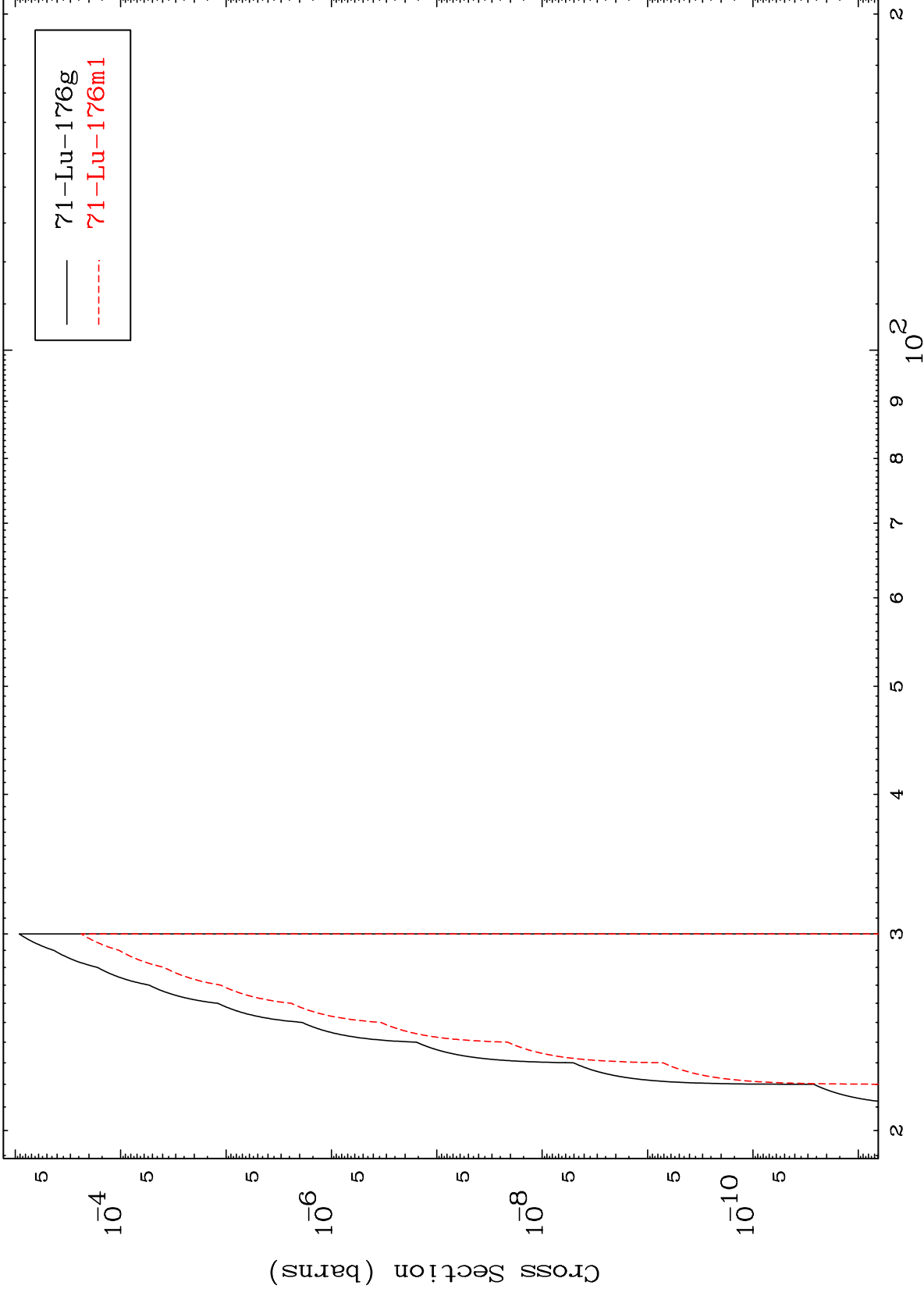
72-Hf-179

MAT 7242

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



28

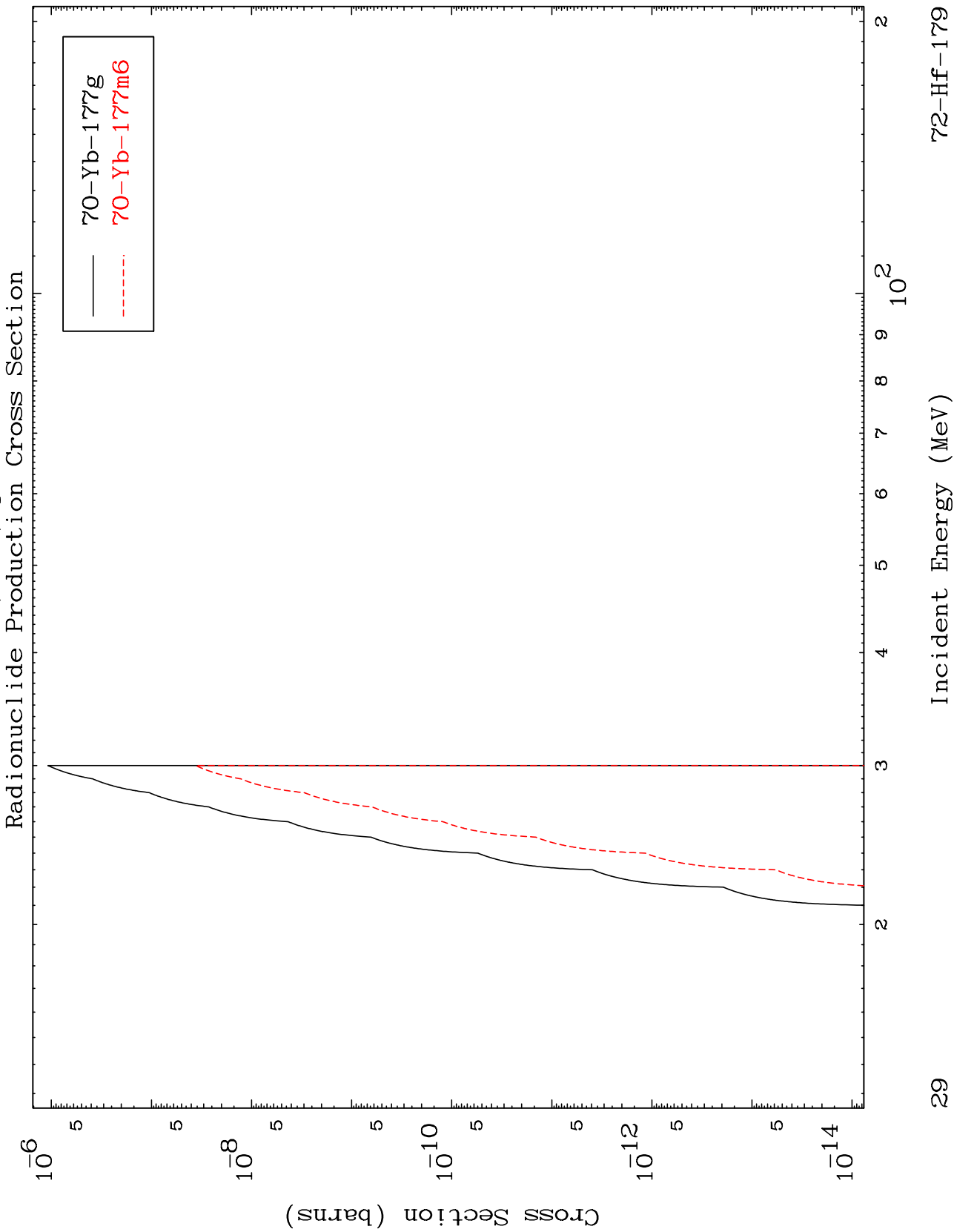
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,2n) p

72-Hf-179



29

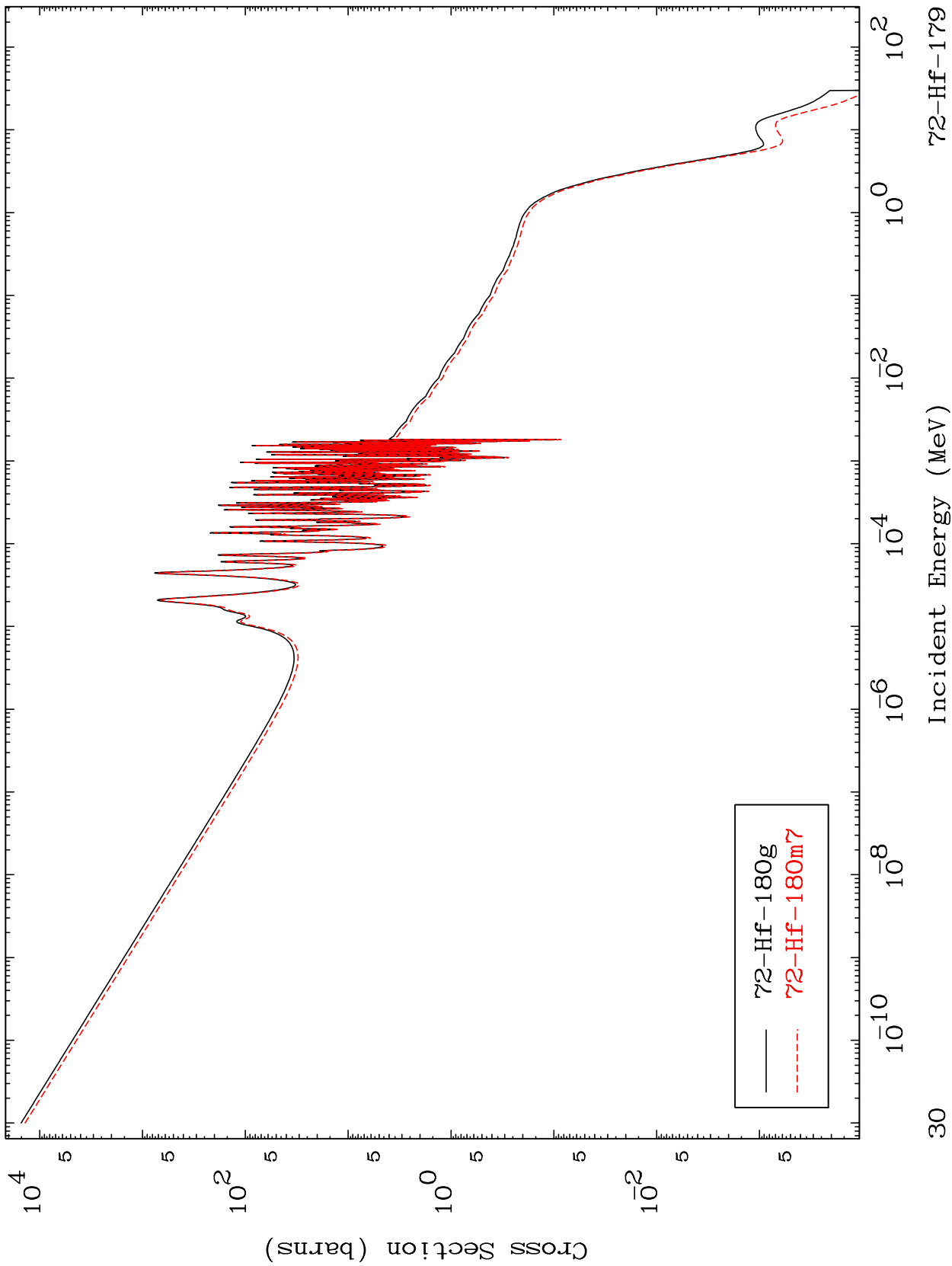
72-Hf-179

MAT 7242

72-Hf-179

Radionuclide Production Cross Section

(n, γ)

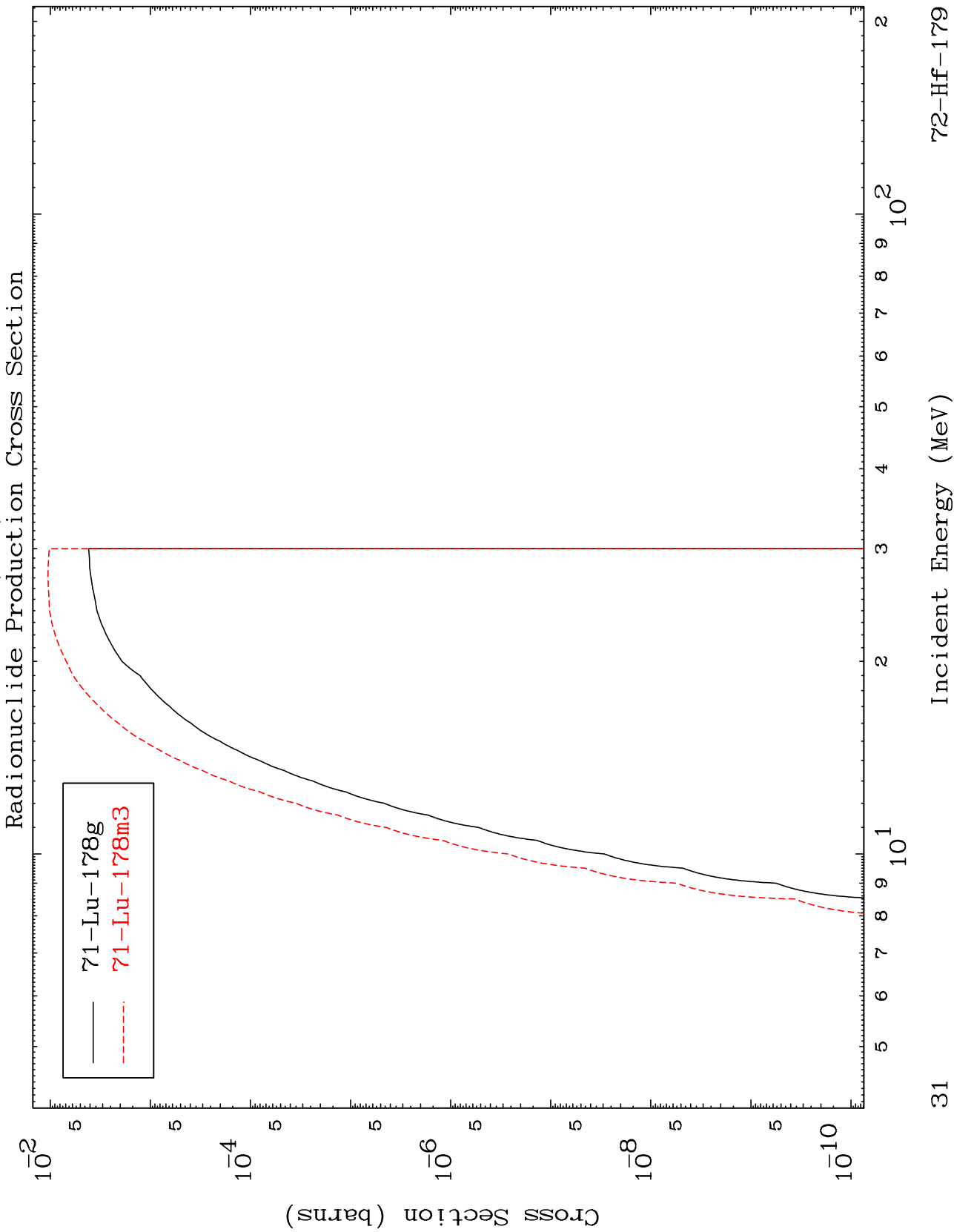


72-Hf-179

Incident Energy (MeV)

MAT 7242

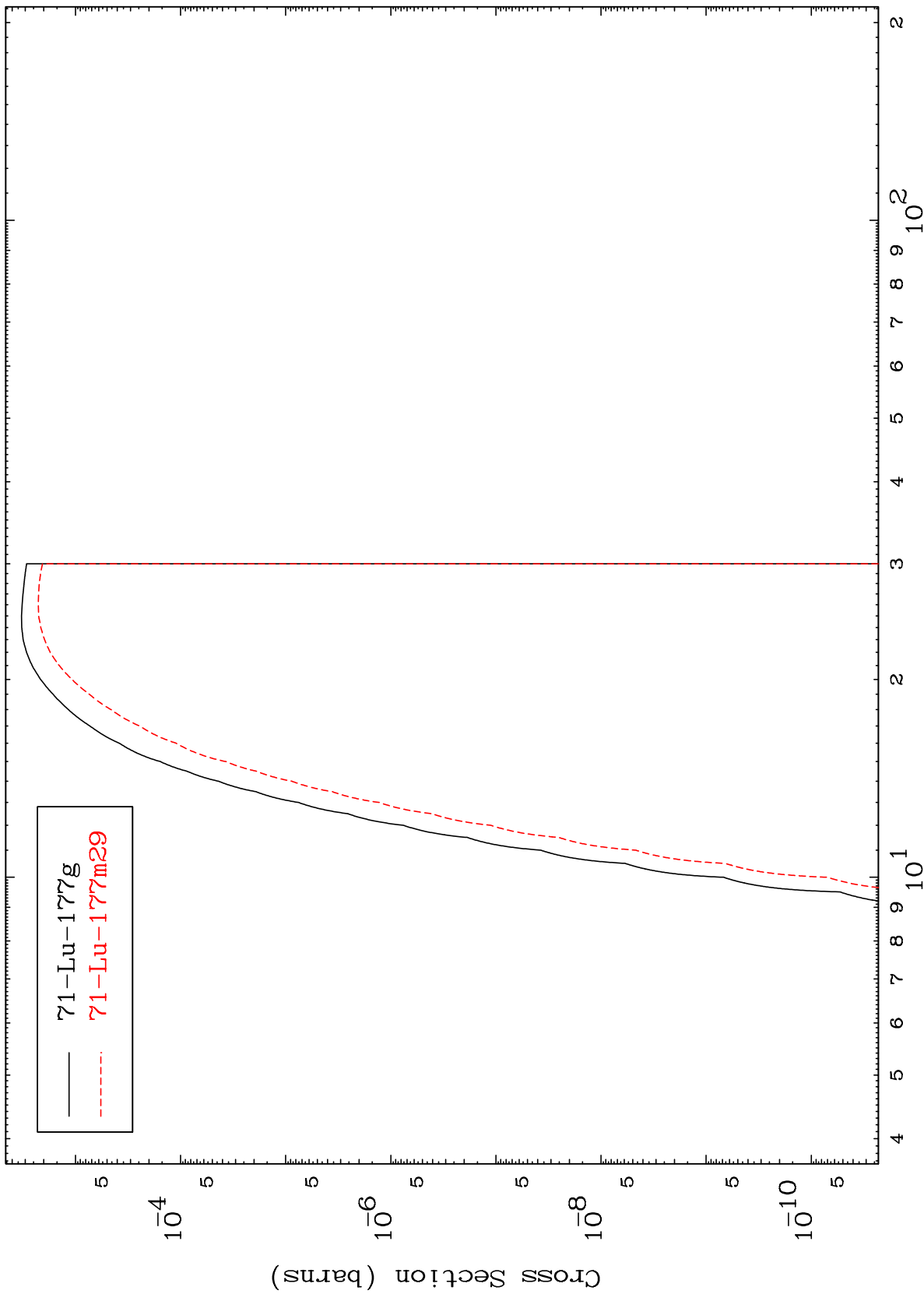
72-Hf-179



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72-Hf-179

(n, t)
Radionuclide Production Cross Section



32

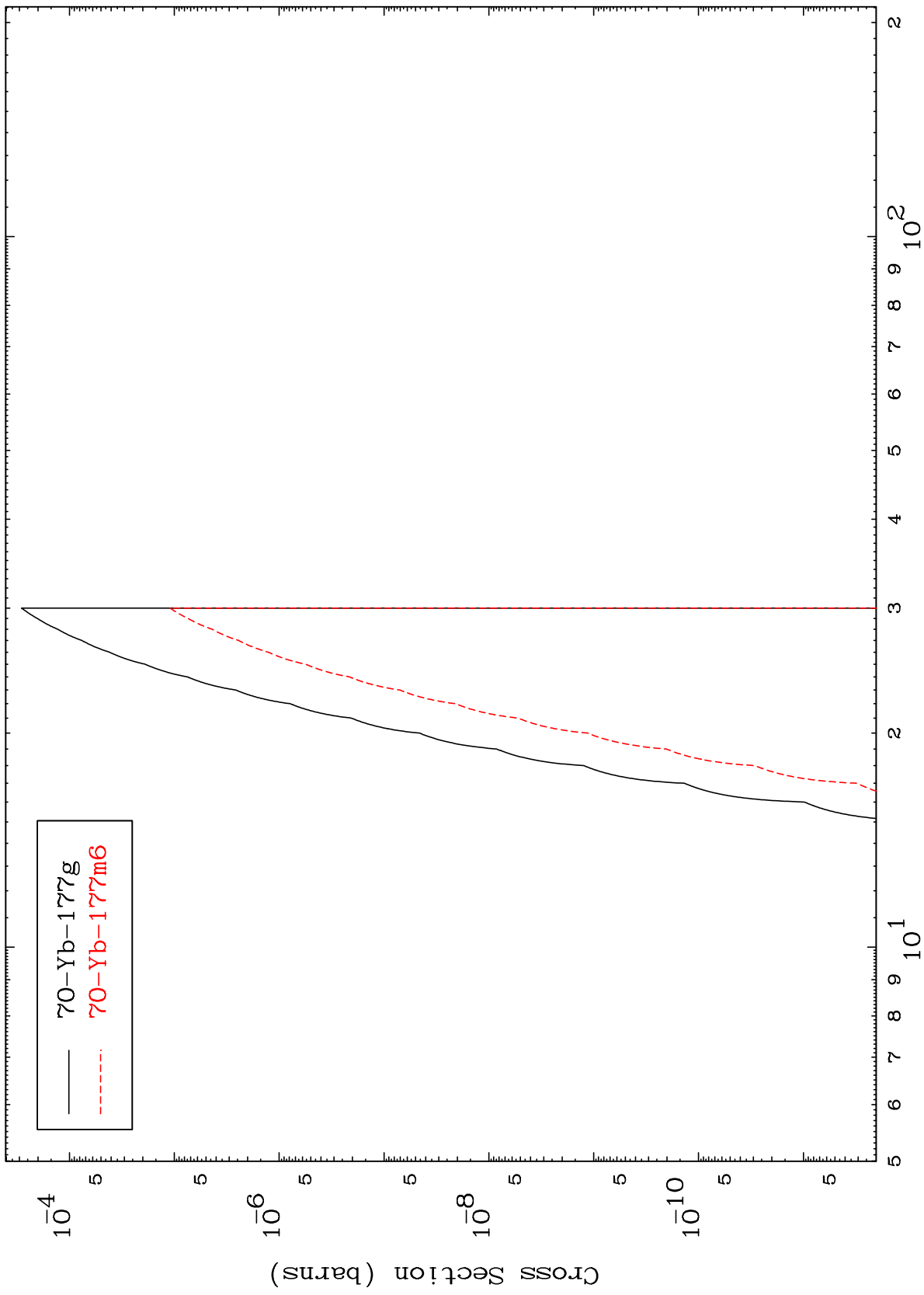
Incident Energy (MeV)

72-Hf-179

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72-Hf-179

Radionuclide Production Cross Section
(n,He-3)



33

Incident Energy (MeV)

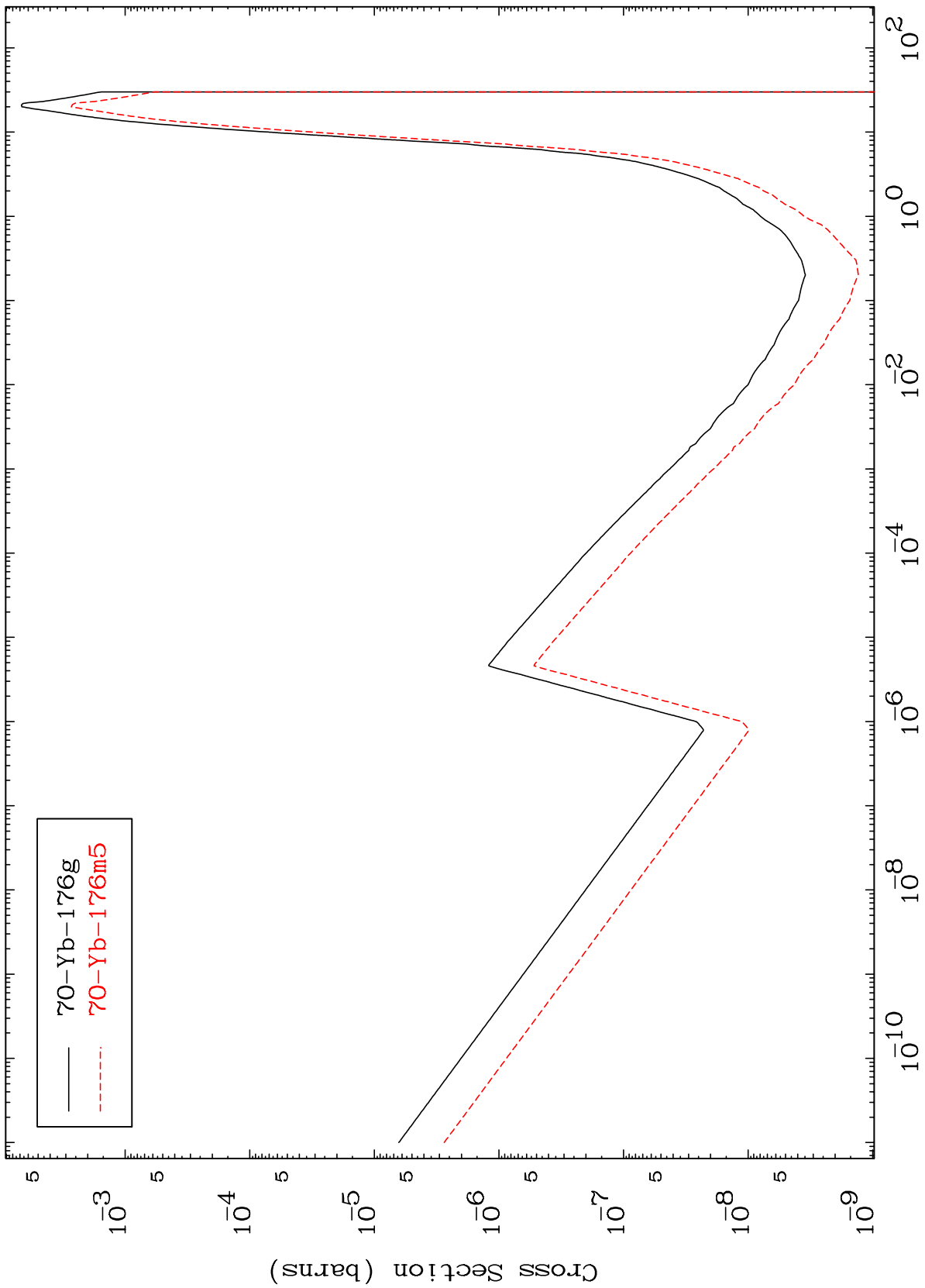
72-Hf-179

MAT 7242

(n, α)

72-Hf-179

Radionuclide Production Cross Section

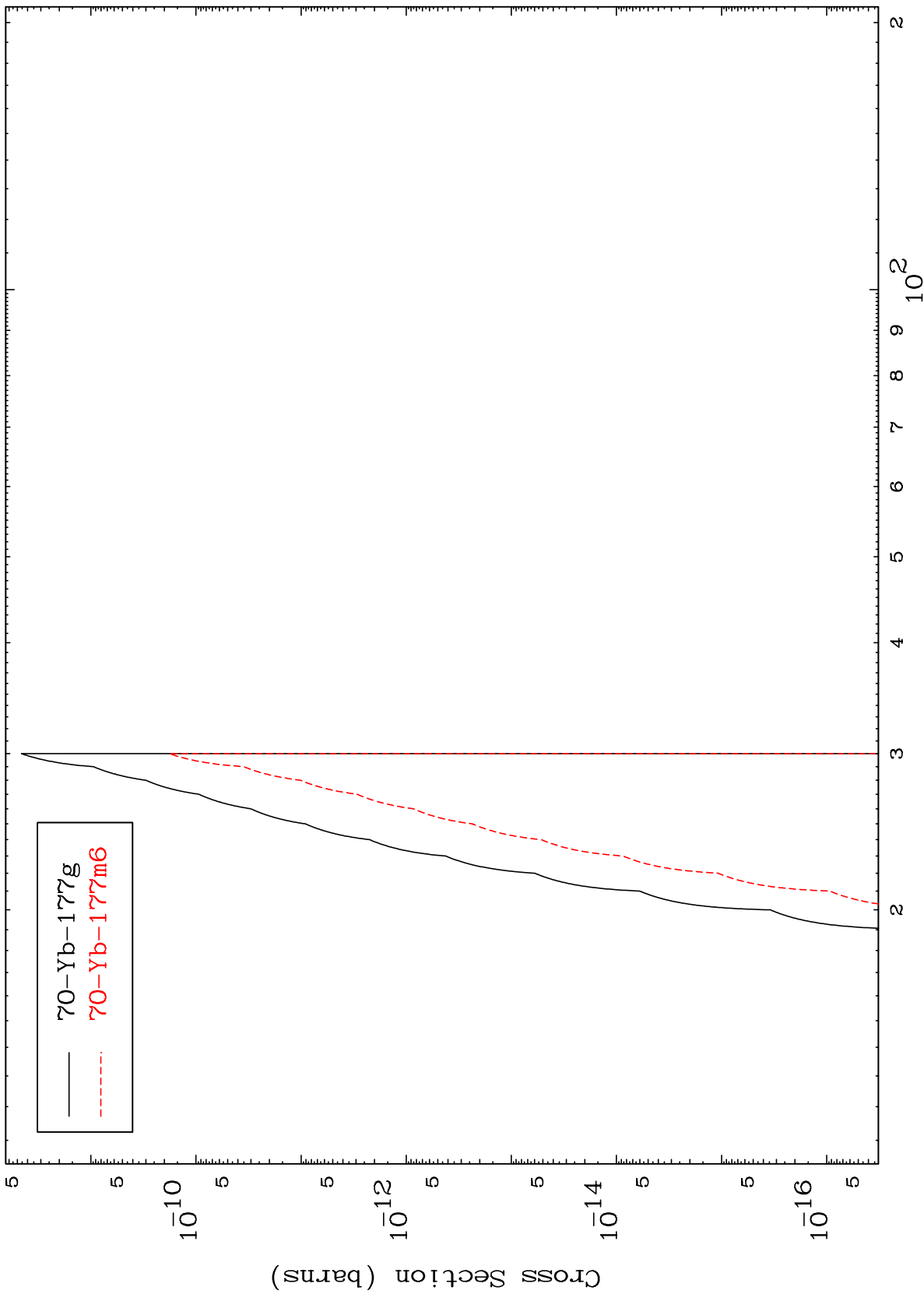


MAT 7242

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

35