

Program EVALPLOT
(Version 2015-2)

by

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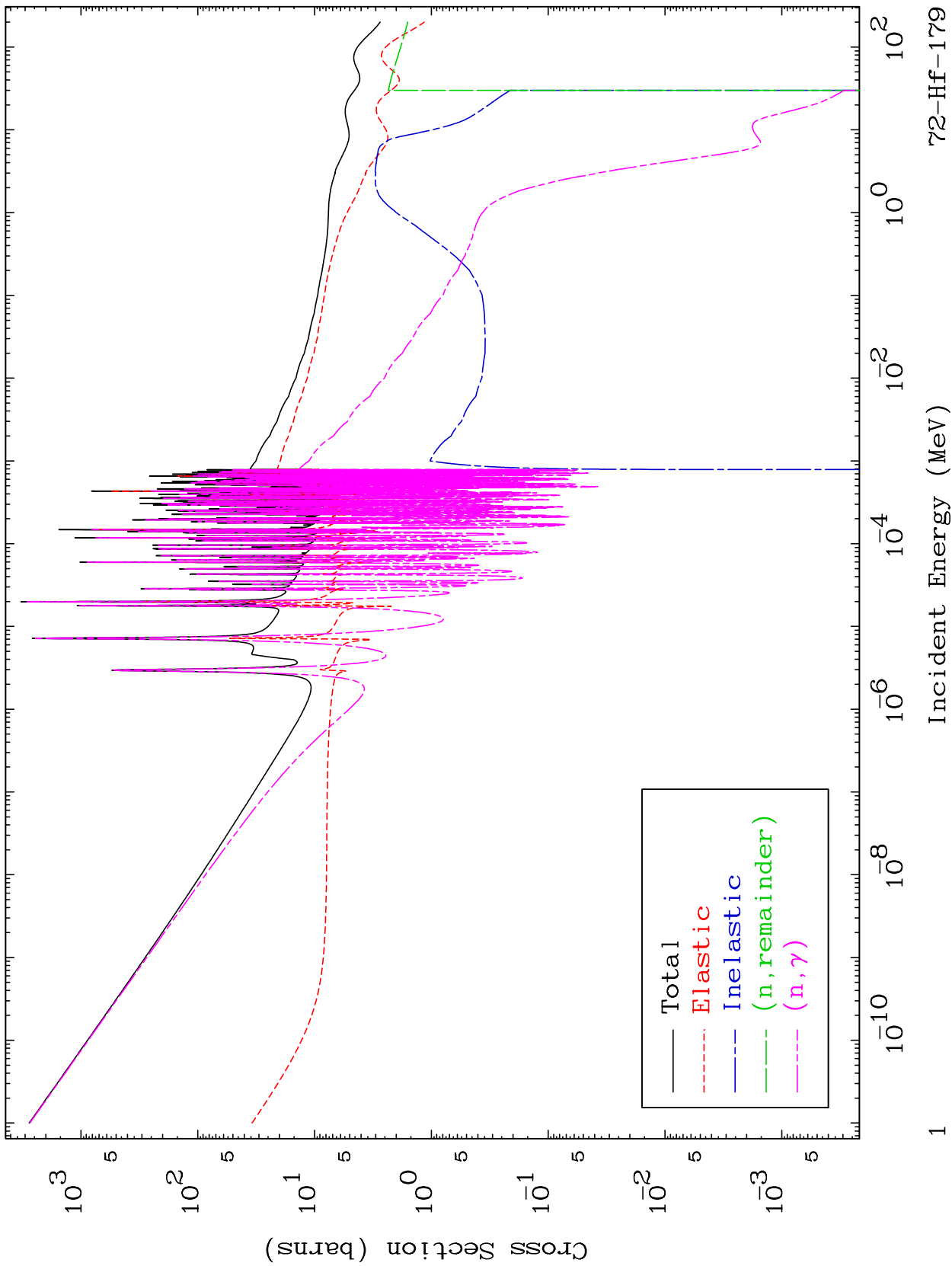
Press Mouse Button to Start

MAT 7242

Major

293 Kelvin Cross Sections

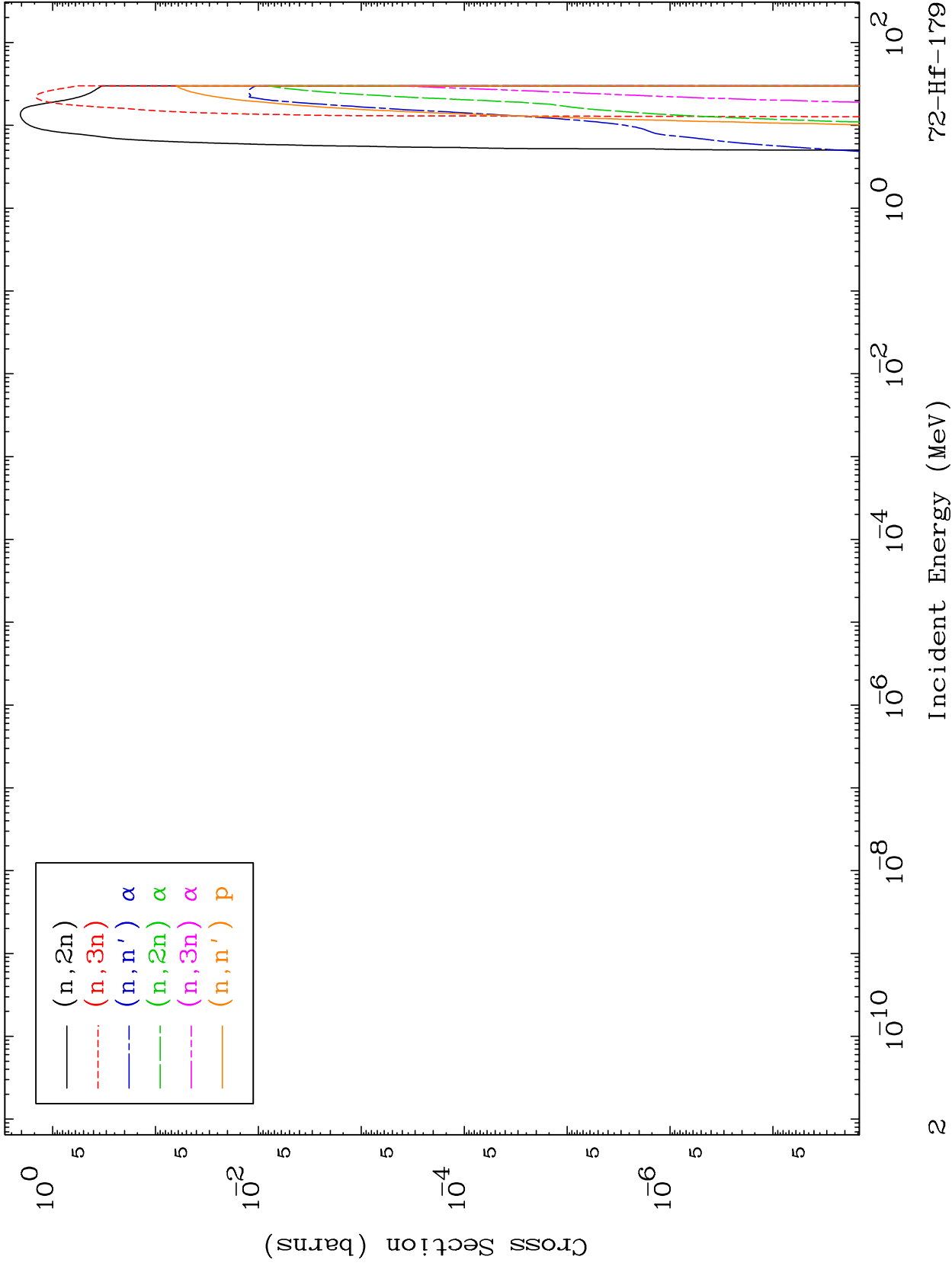
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

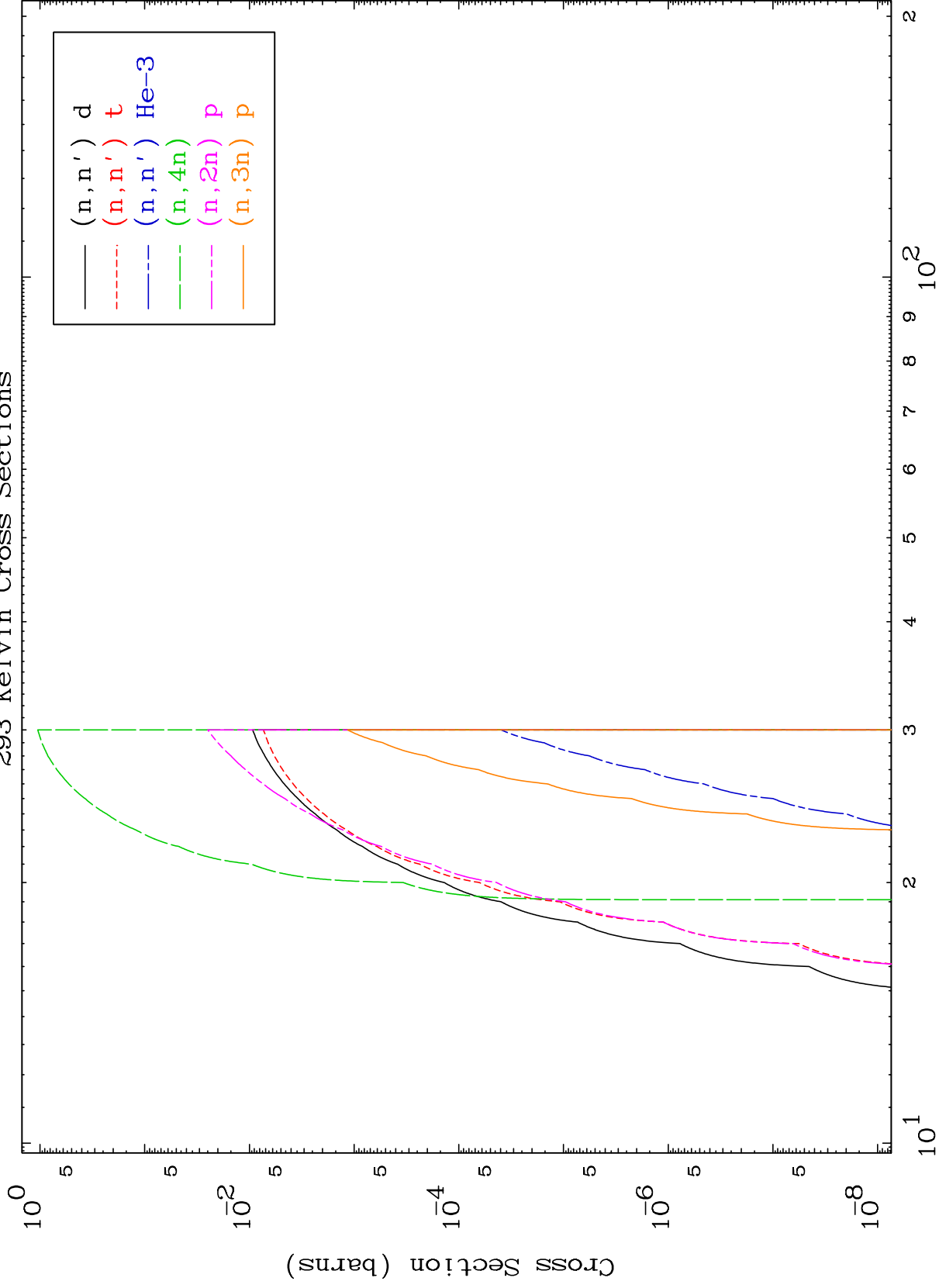
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

72-Hf-179



72-Hf-179

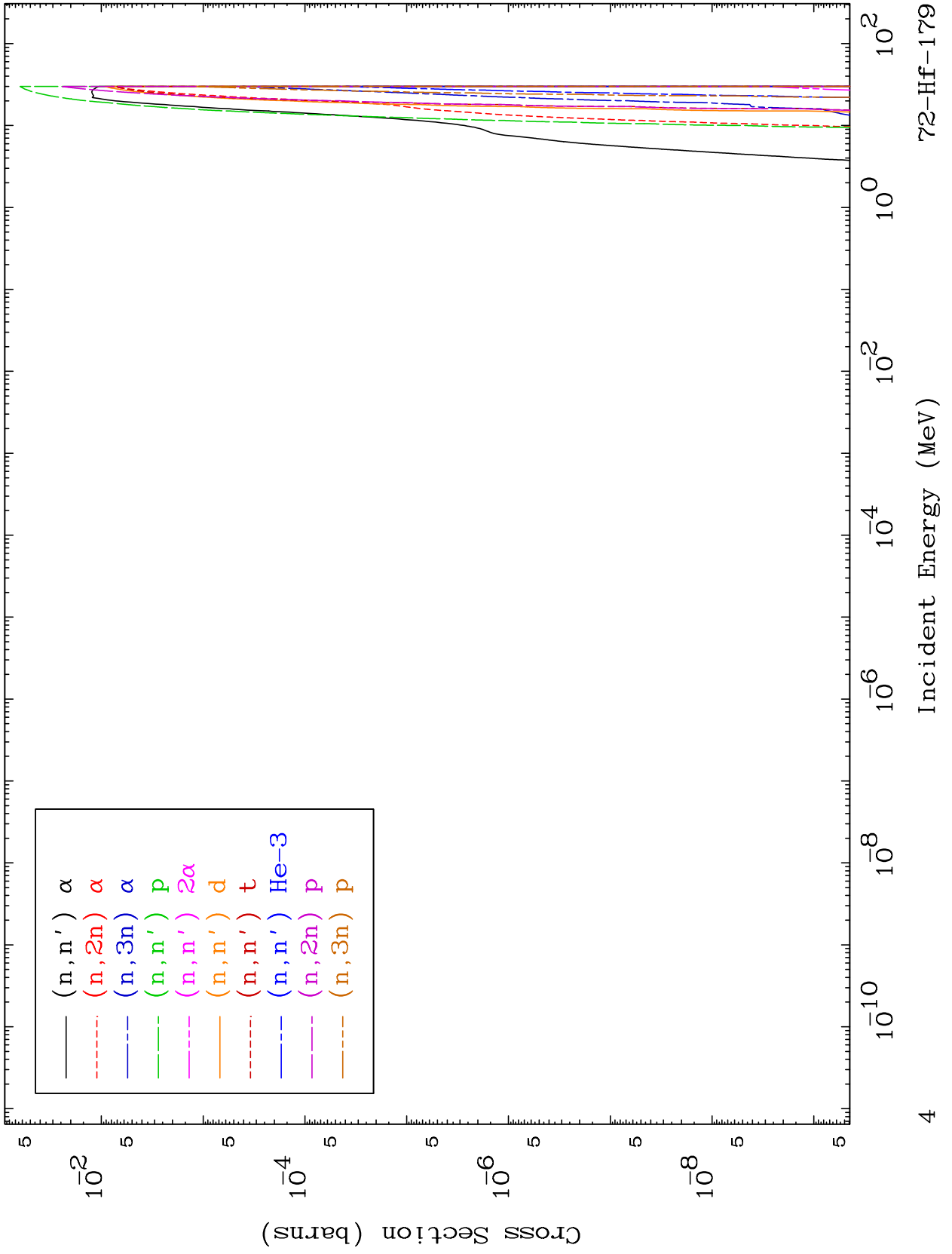
Incident Energy (MeV)

3

MAT 7242

Charged Particle
293 Kelvin Cross Sections

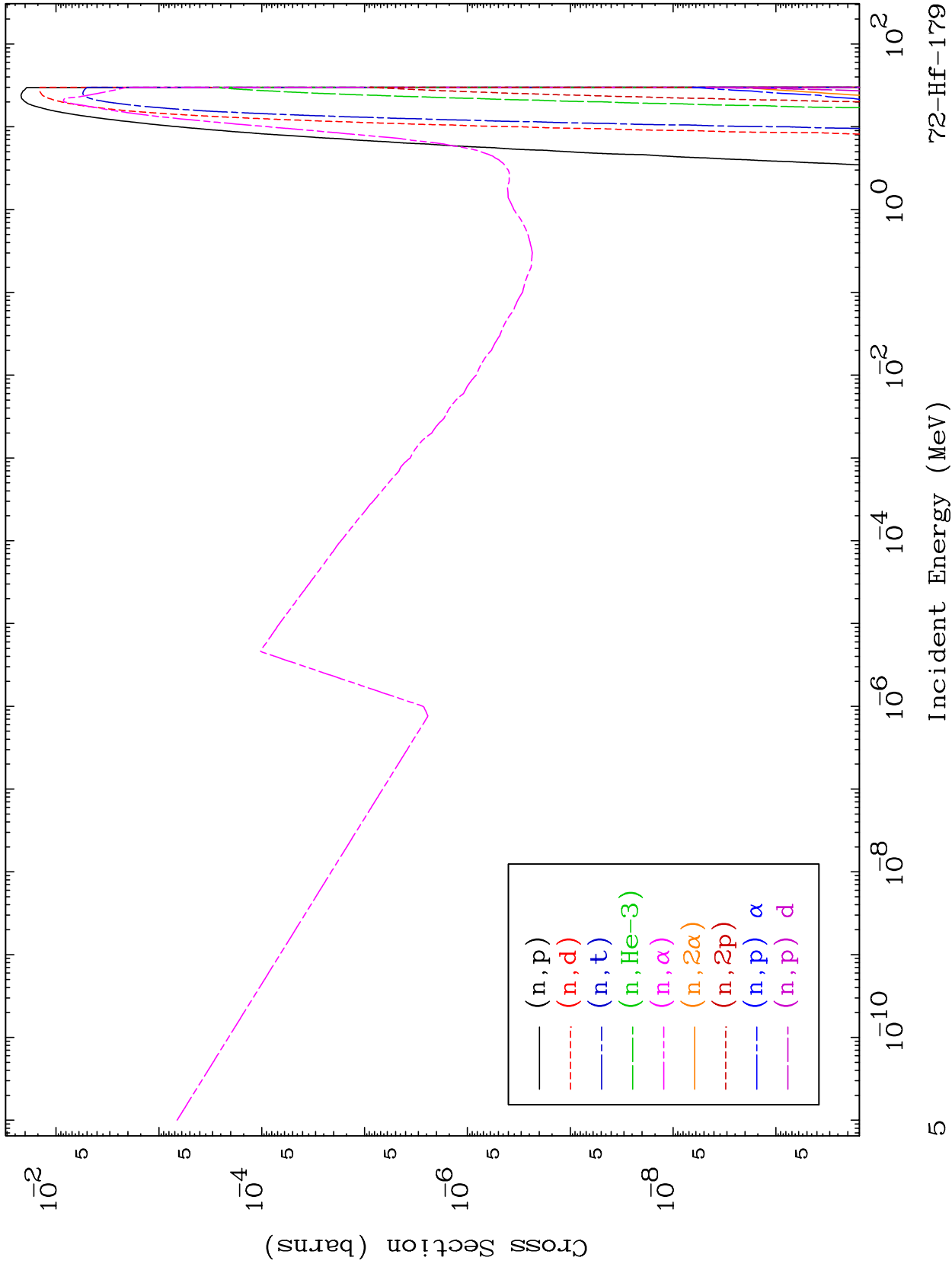
72-Hf-179

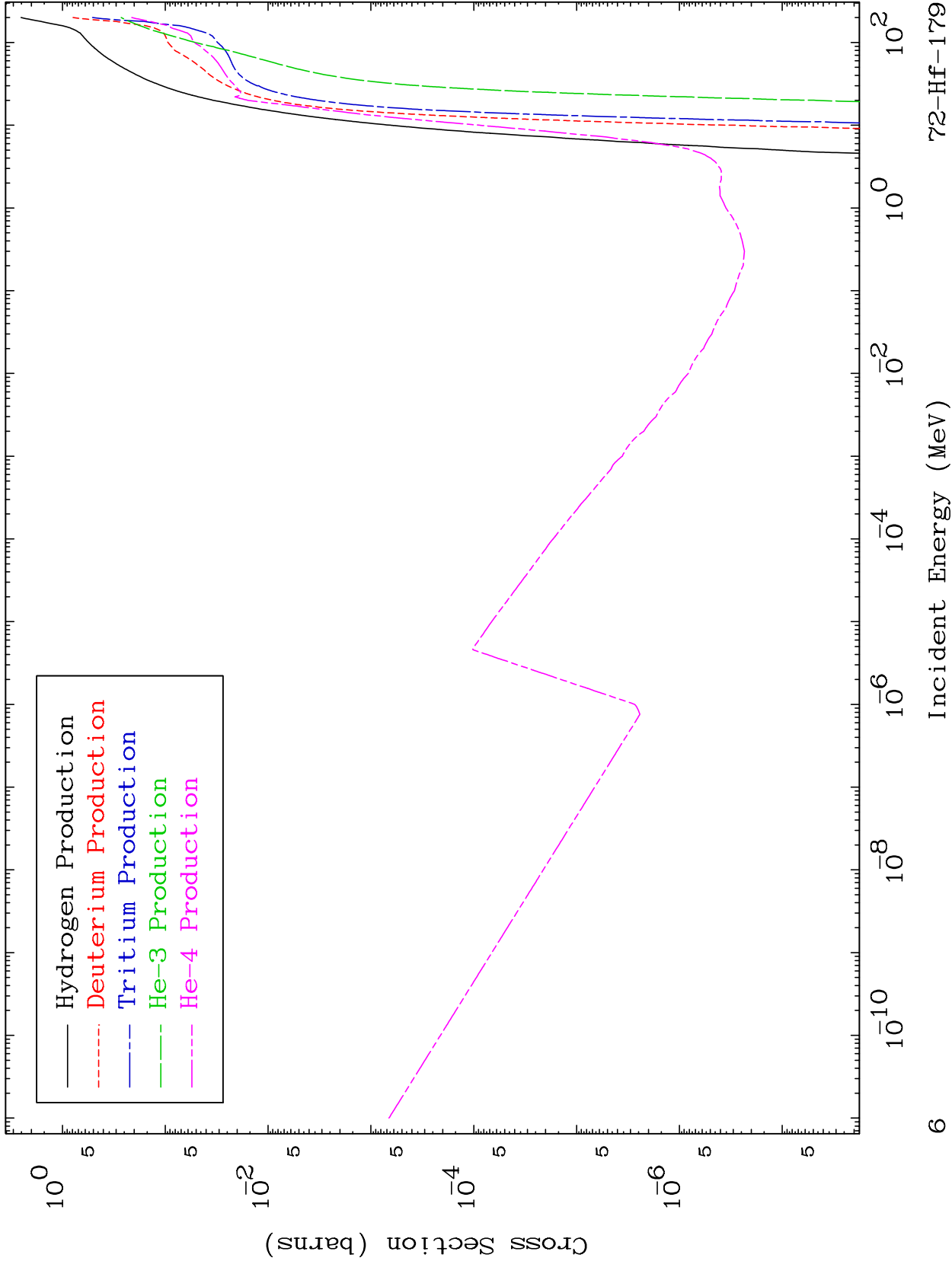


MAT 7242

Charged Particle
293 Kelvin Cross Sections

72-Hf-179

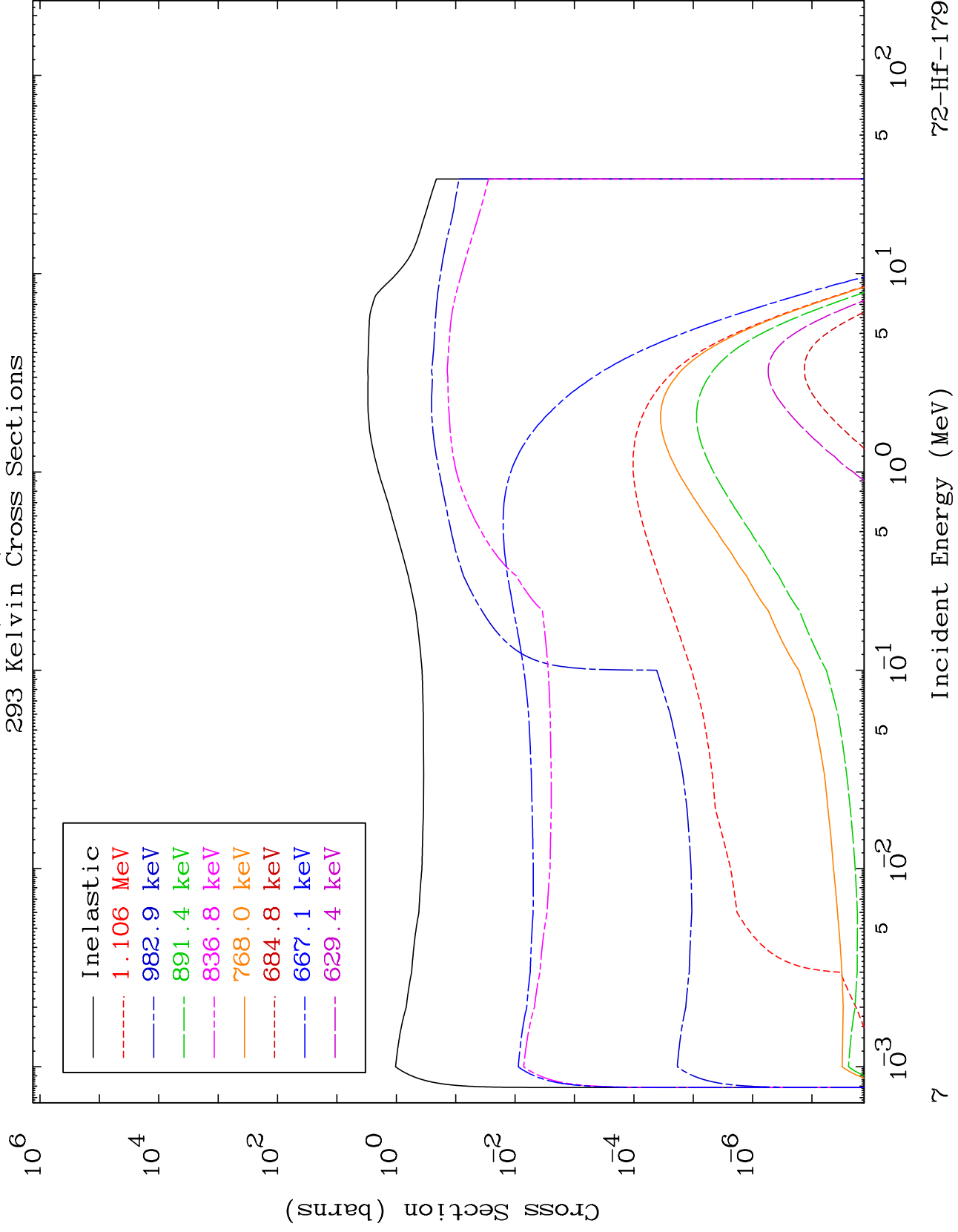




MAT 7242

(n,n') Level
293 Kelvin Cross Sections

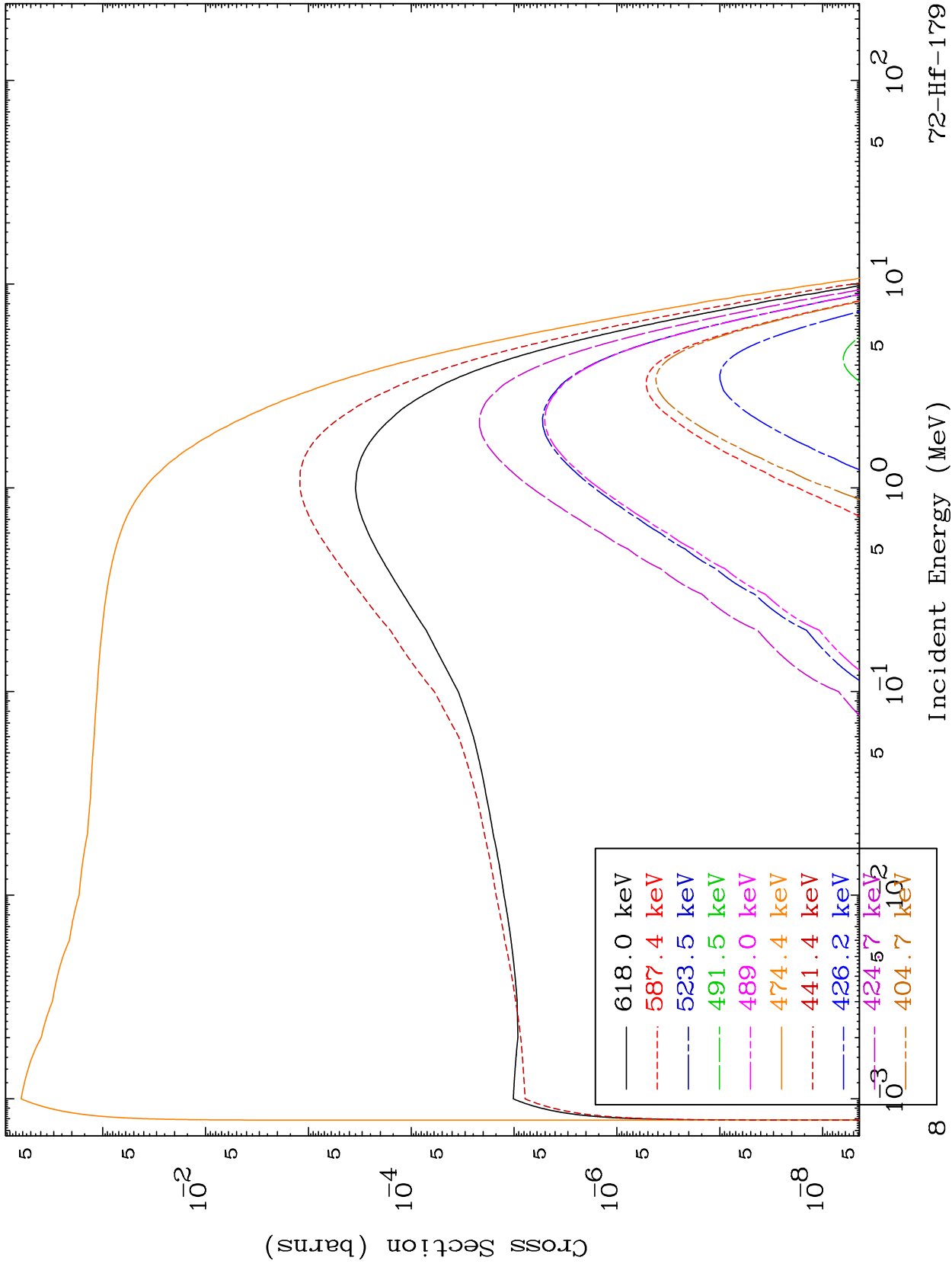
72-Hf-179



MAT 7242

(n,n') Level
293 Kelvin Cross Sections

72-Hf-179



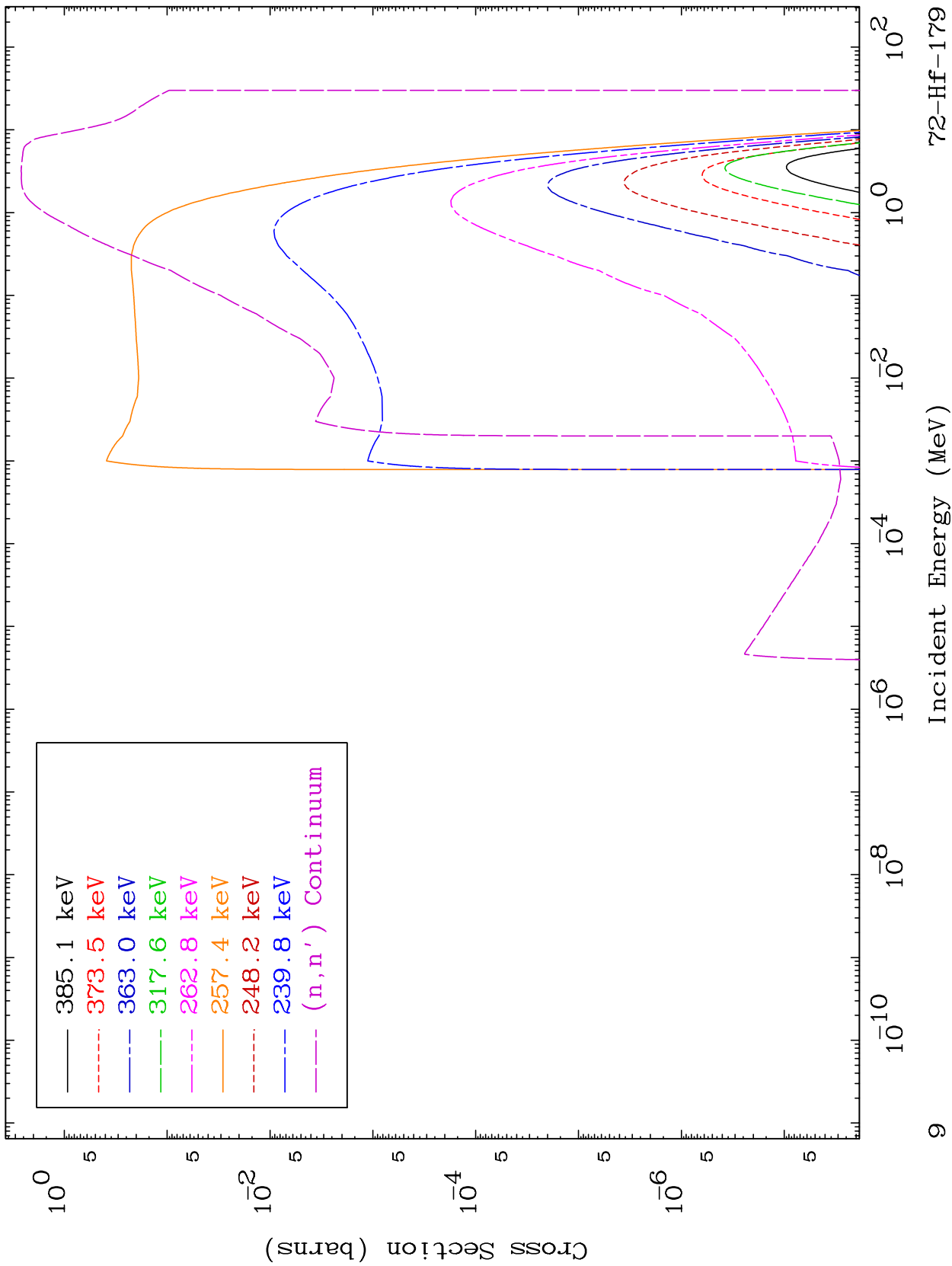
72-Hf-179

Incident Energy (MeV)

MAT 7242

(n,n') Level
293 Kelvin Cross Sections

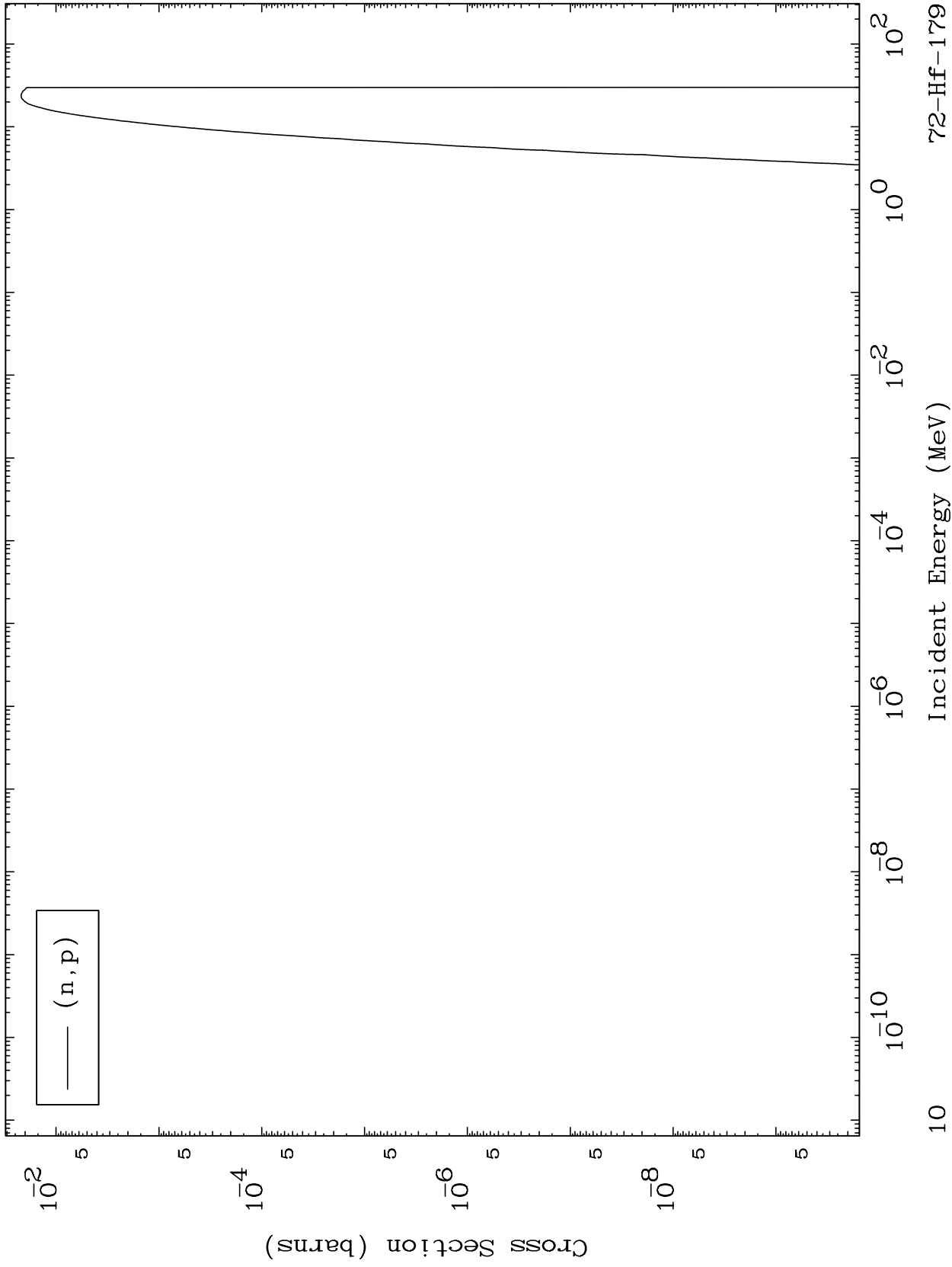
72-Hf-179



MAT 7242

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

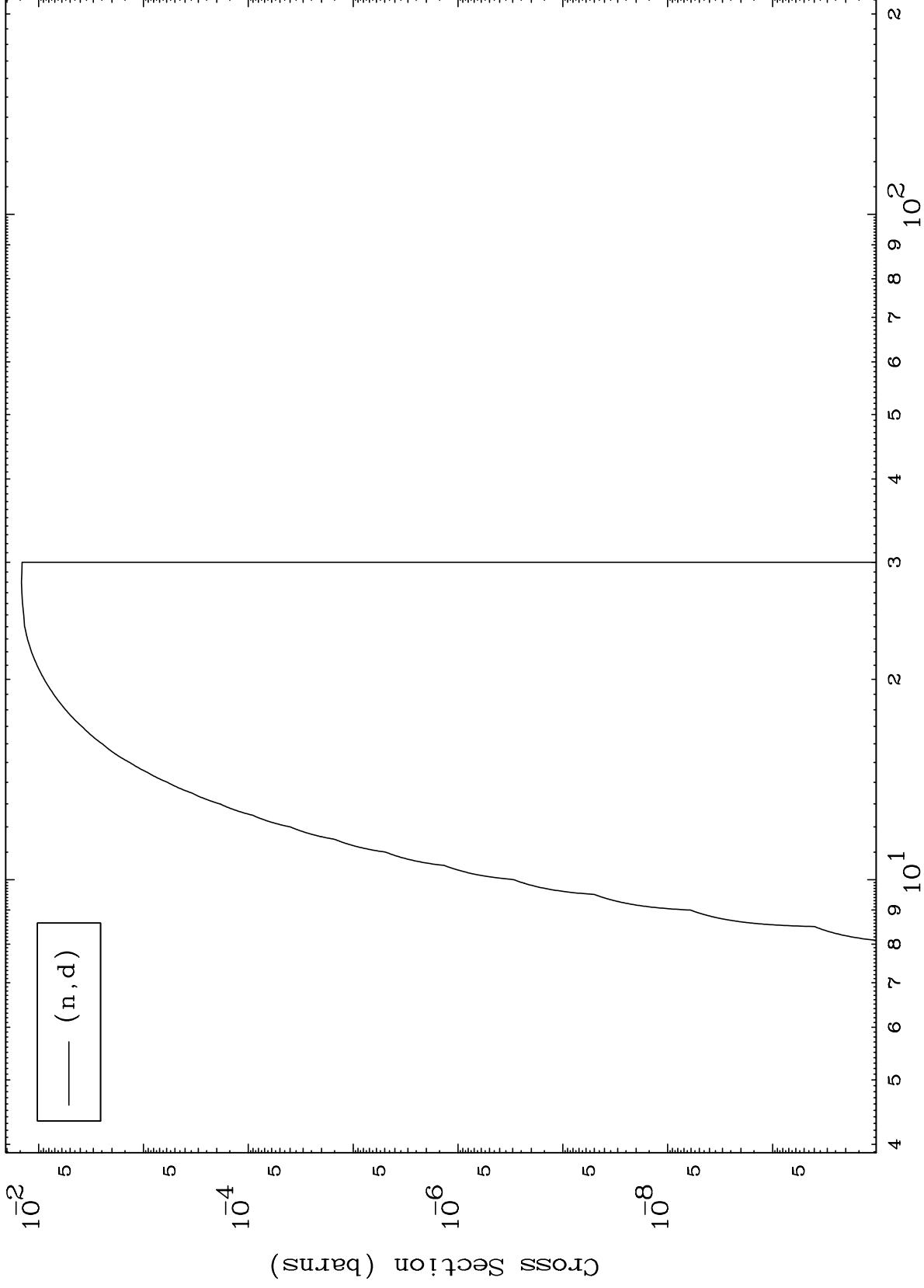
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179



11

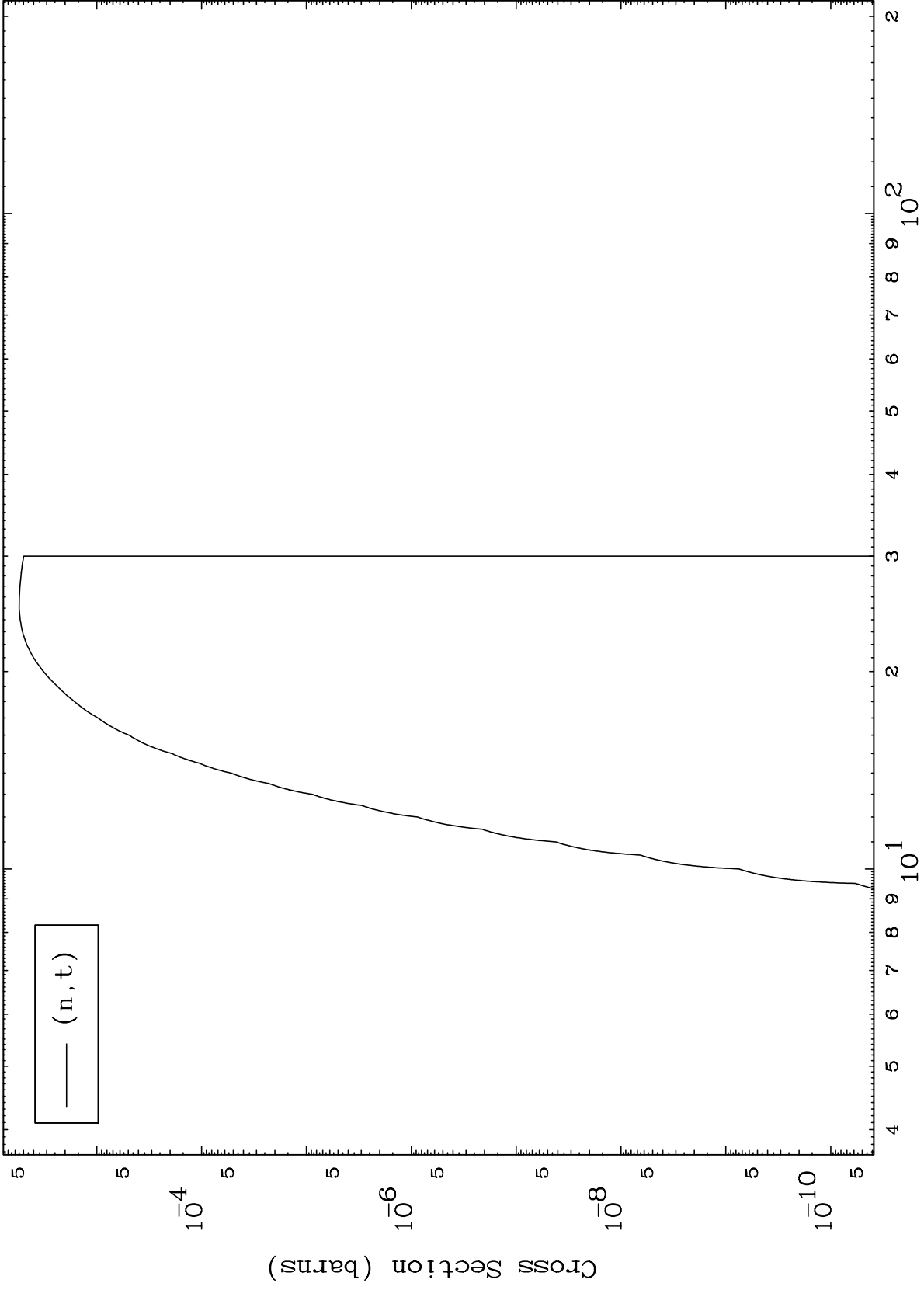
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

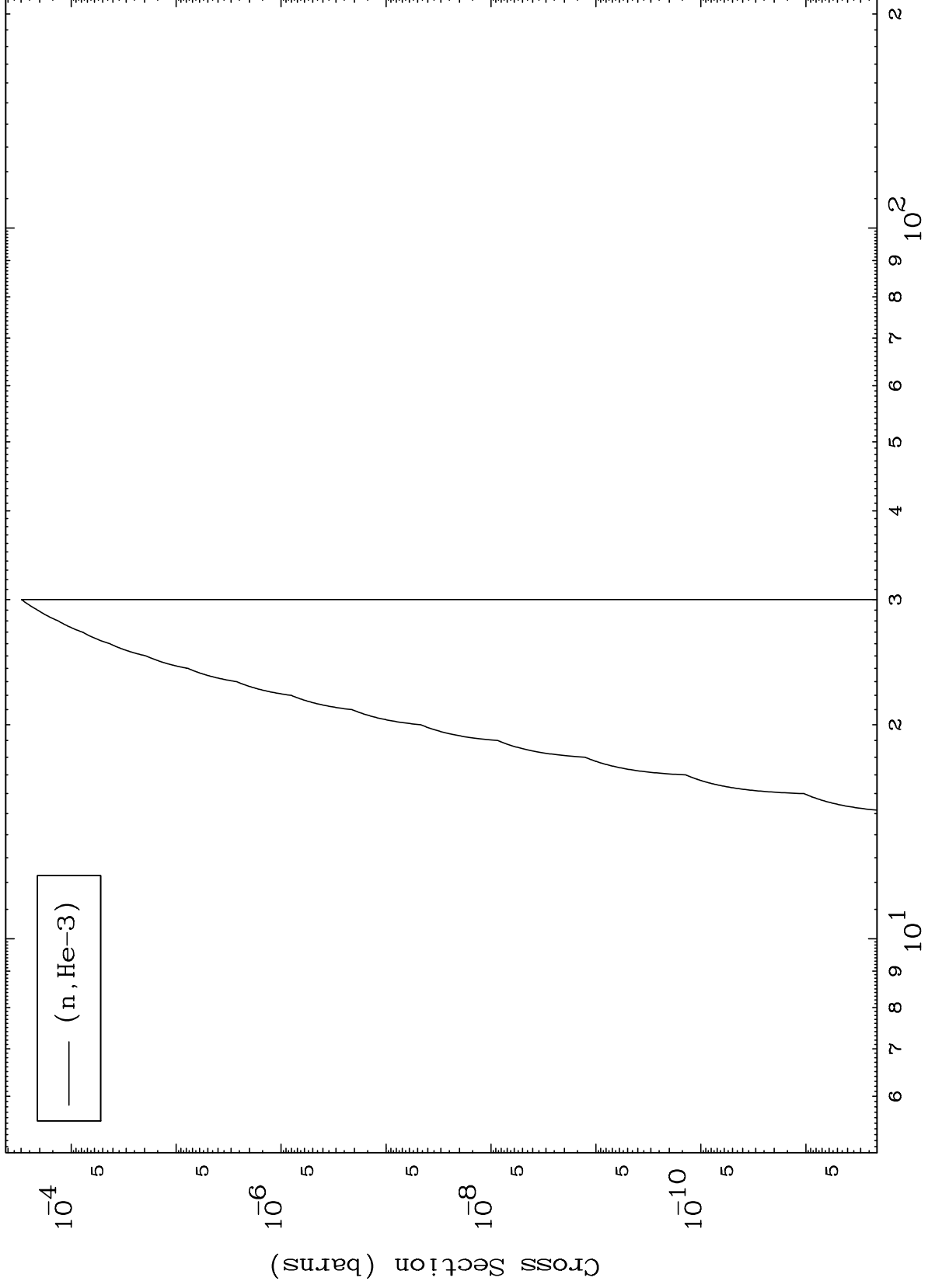
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,He3) Levels
293 Kelvin Cross Sections

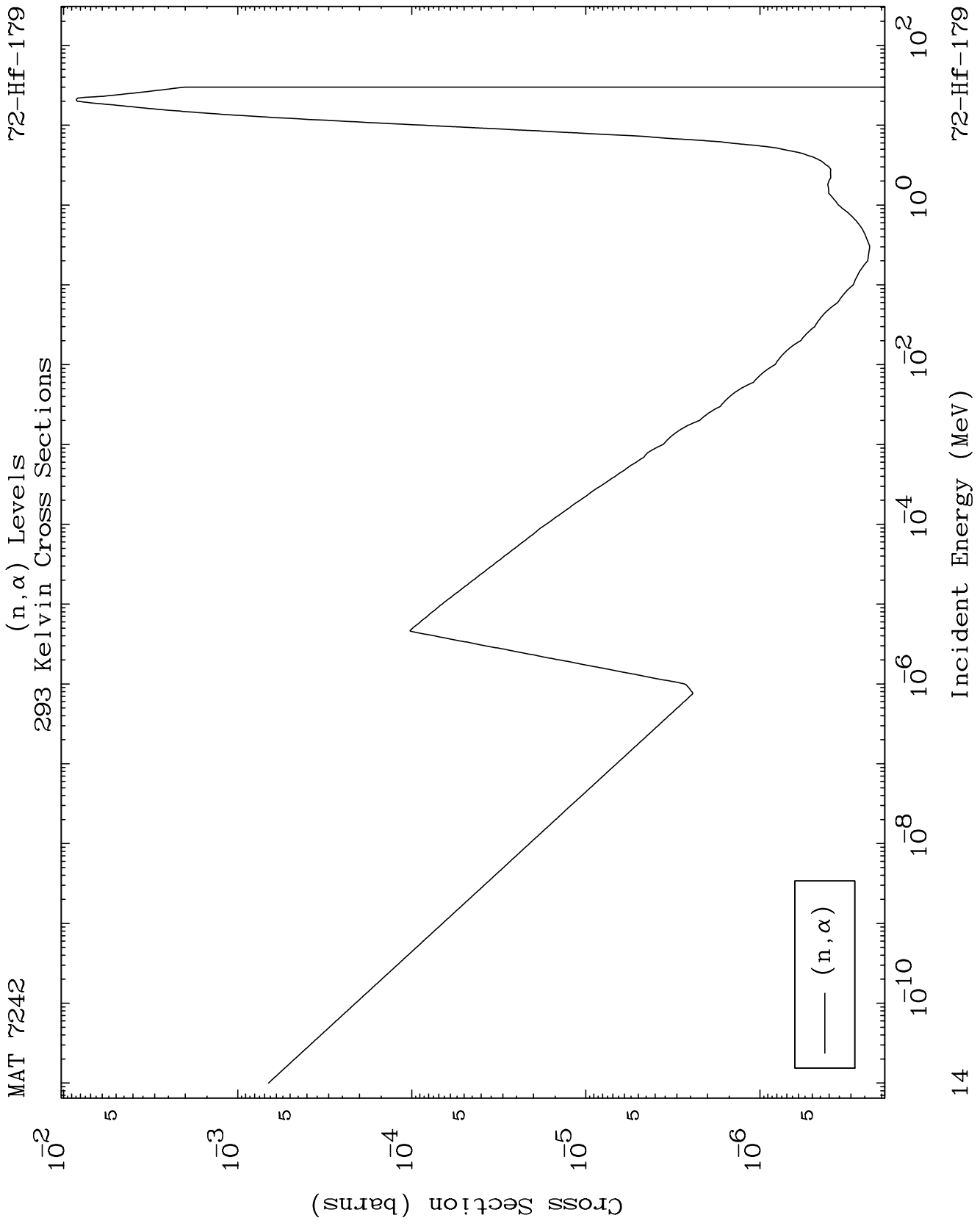
72-Hf-179

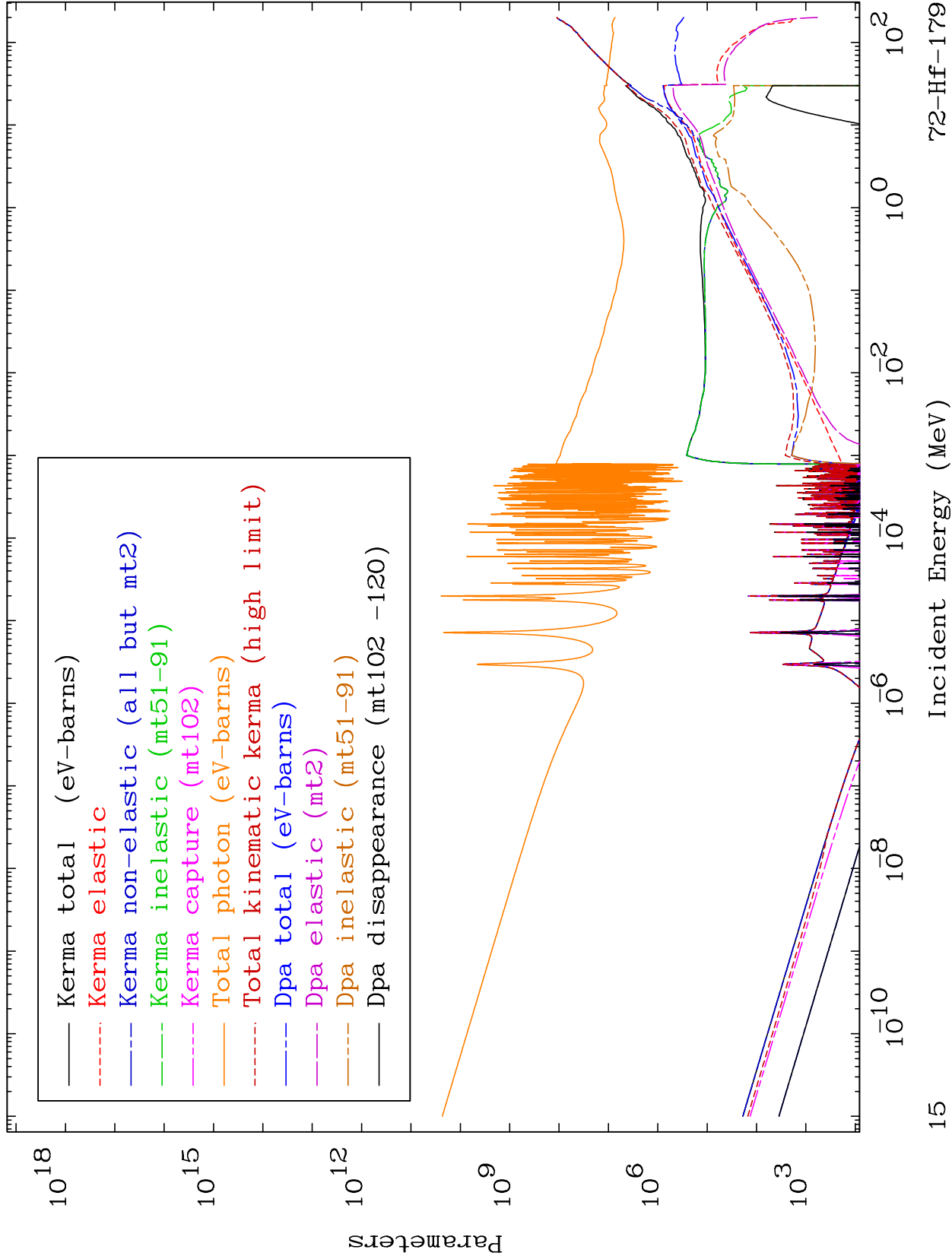


13

Incident Energy (MeV)

72-Hf-179

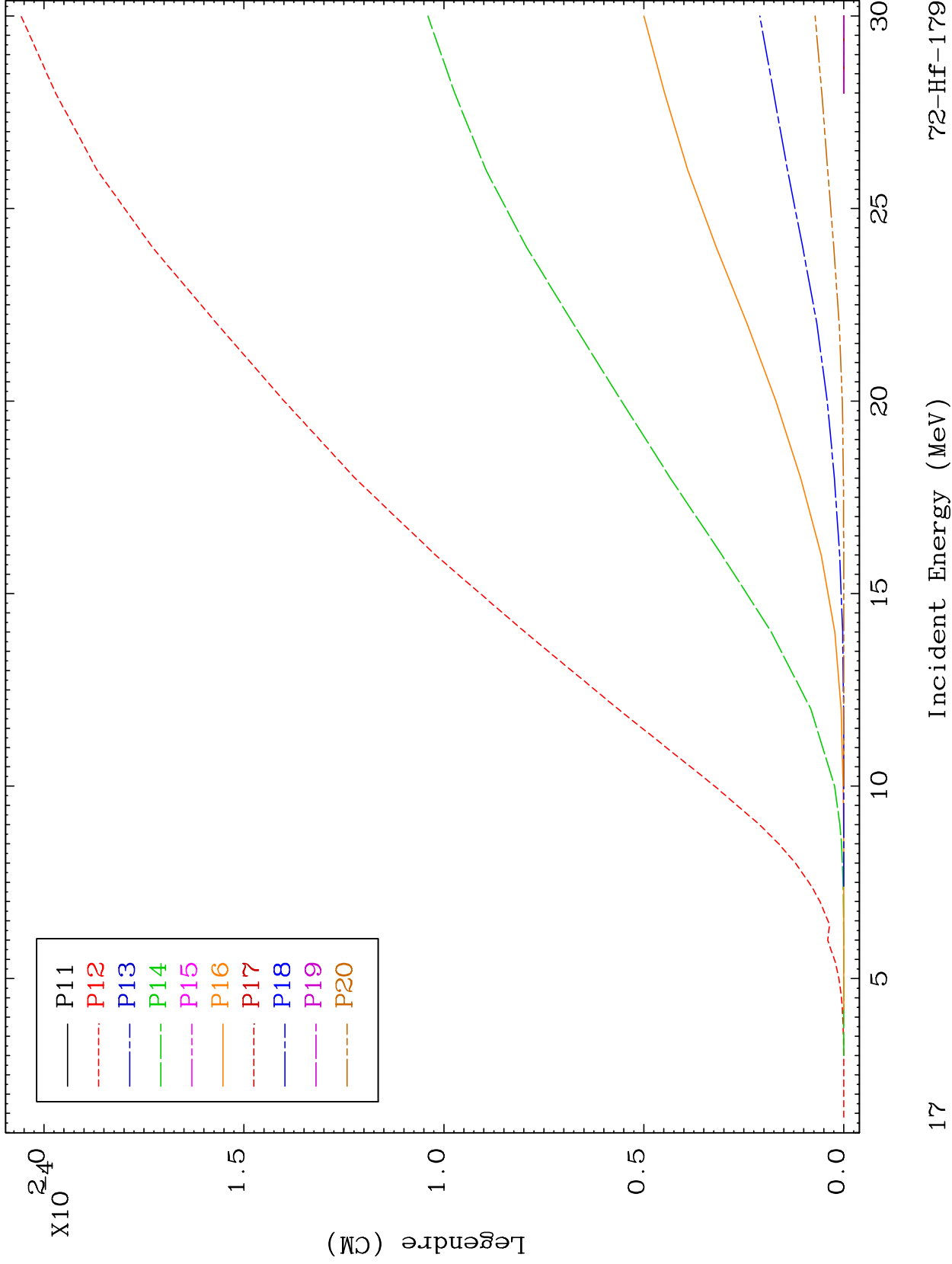




MAT 7242

Elastic
Legendre Coefficients

72-Hf-179



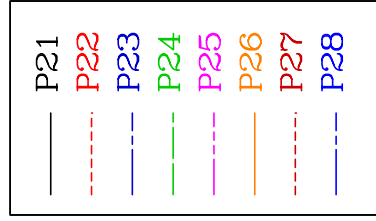
17

72-Hf-179

MAT 7242

Elastic
Legendre Coefficients

72-Hf-179



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



18

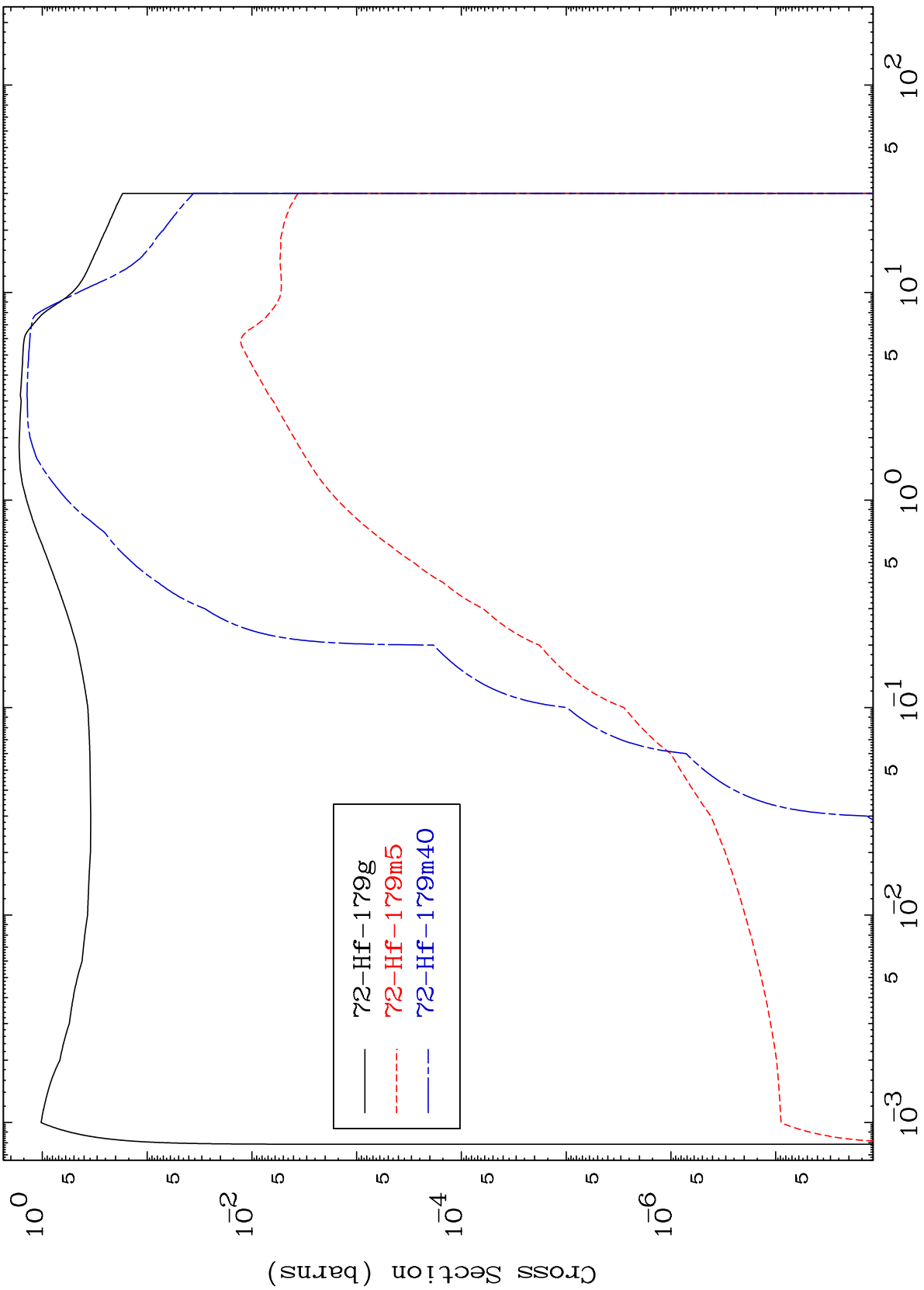
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

Inelastic
Radionuclide Production Cross Section



72-Hf-179g
72-Hf-179m5
72-Hf-179m40

72-Hf-179

Incident Energy (MeV)

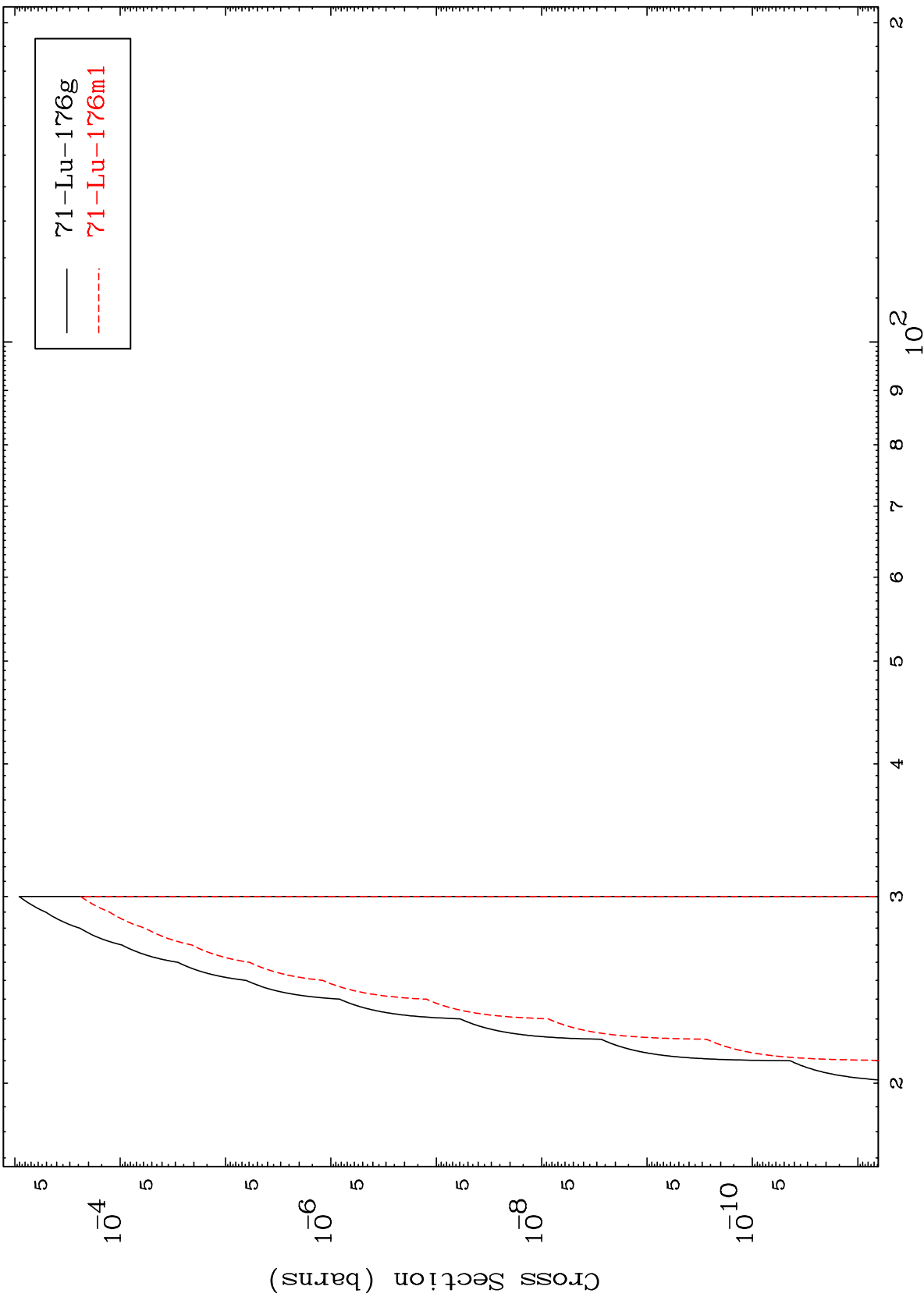
19

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(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



20

Incident Energy (MeV)

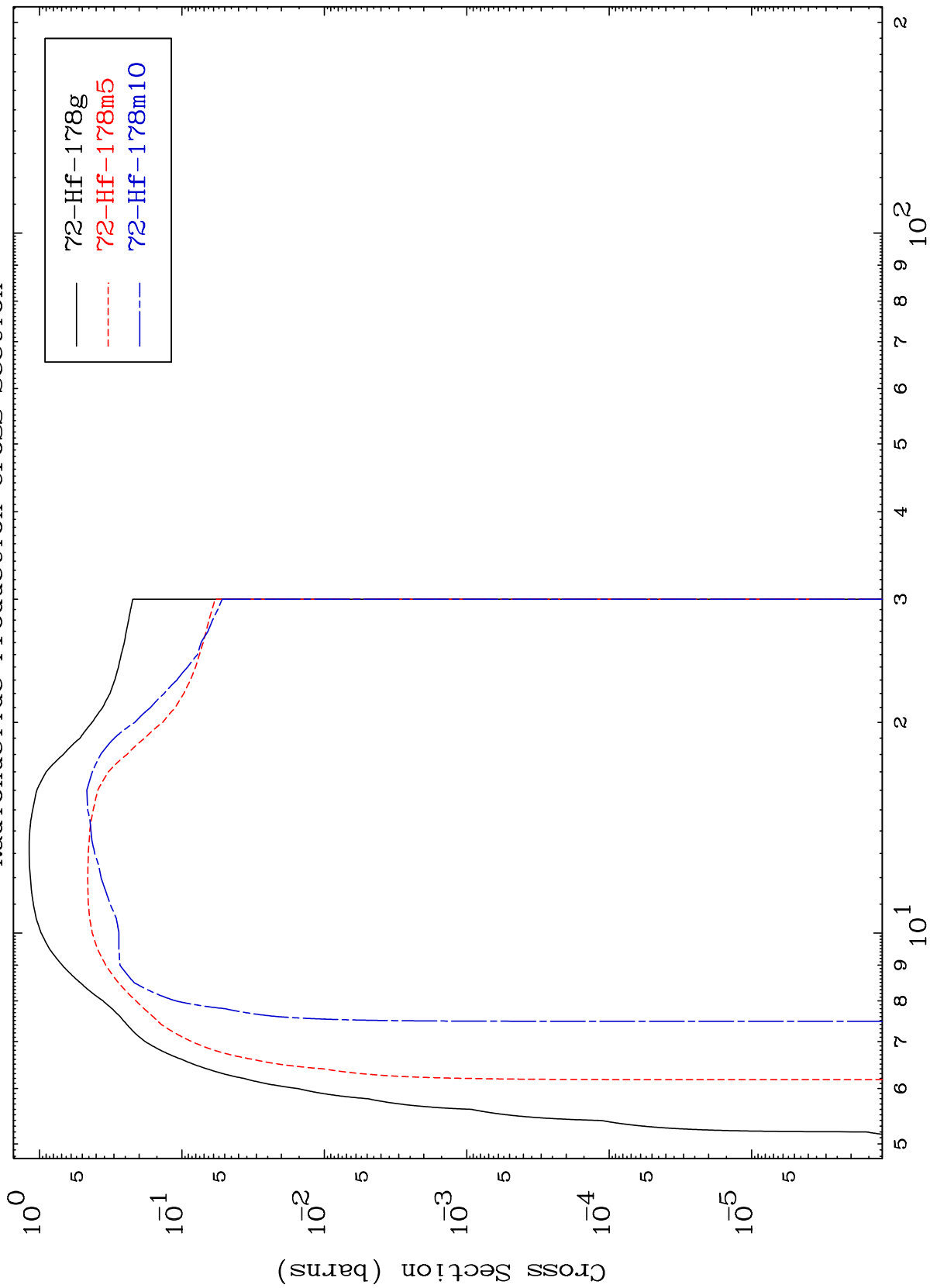
72-Hf-179

MAT 7242

72-Hf-179

(n,2n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

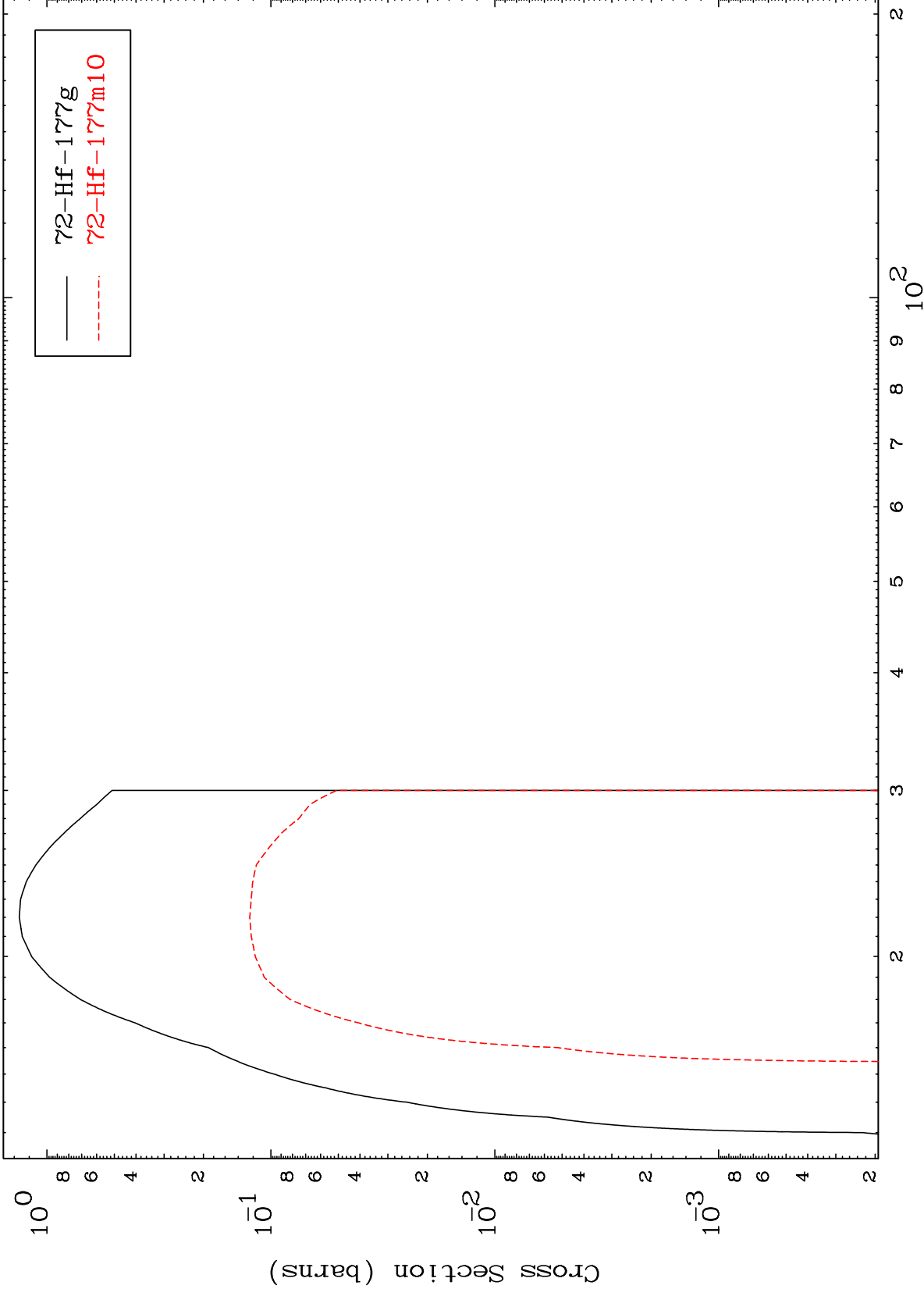
72-Hf-179

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(n,3n)

72-Hf-179

Radionuclide Production Cross Section



72-Hf-177g
72-Hf-177m10

22

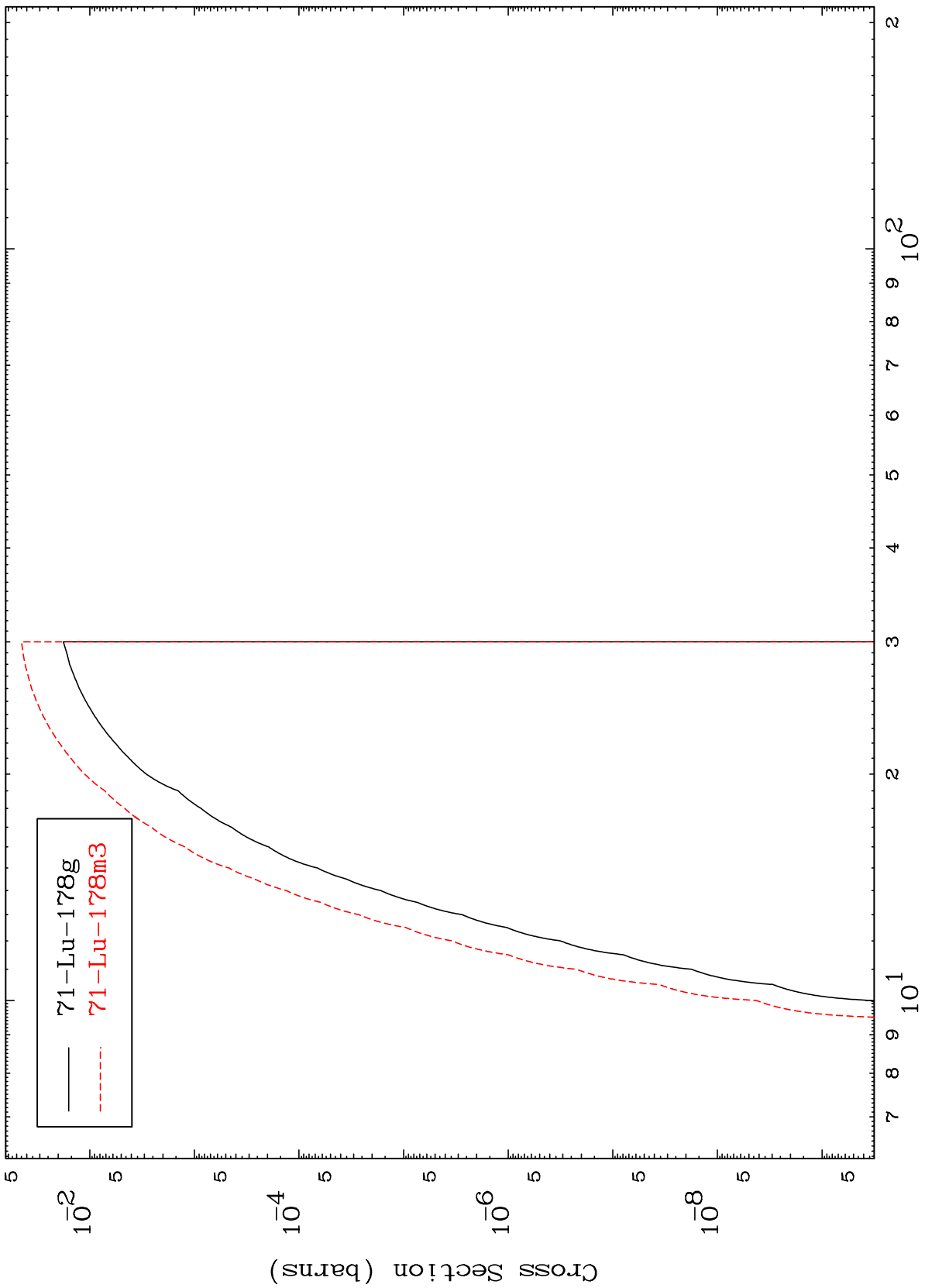
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

(n,n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

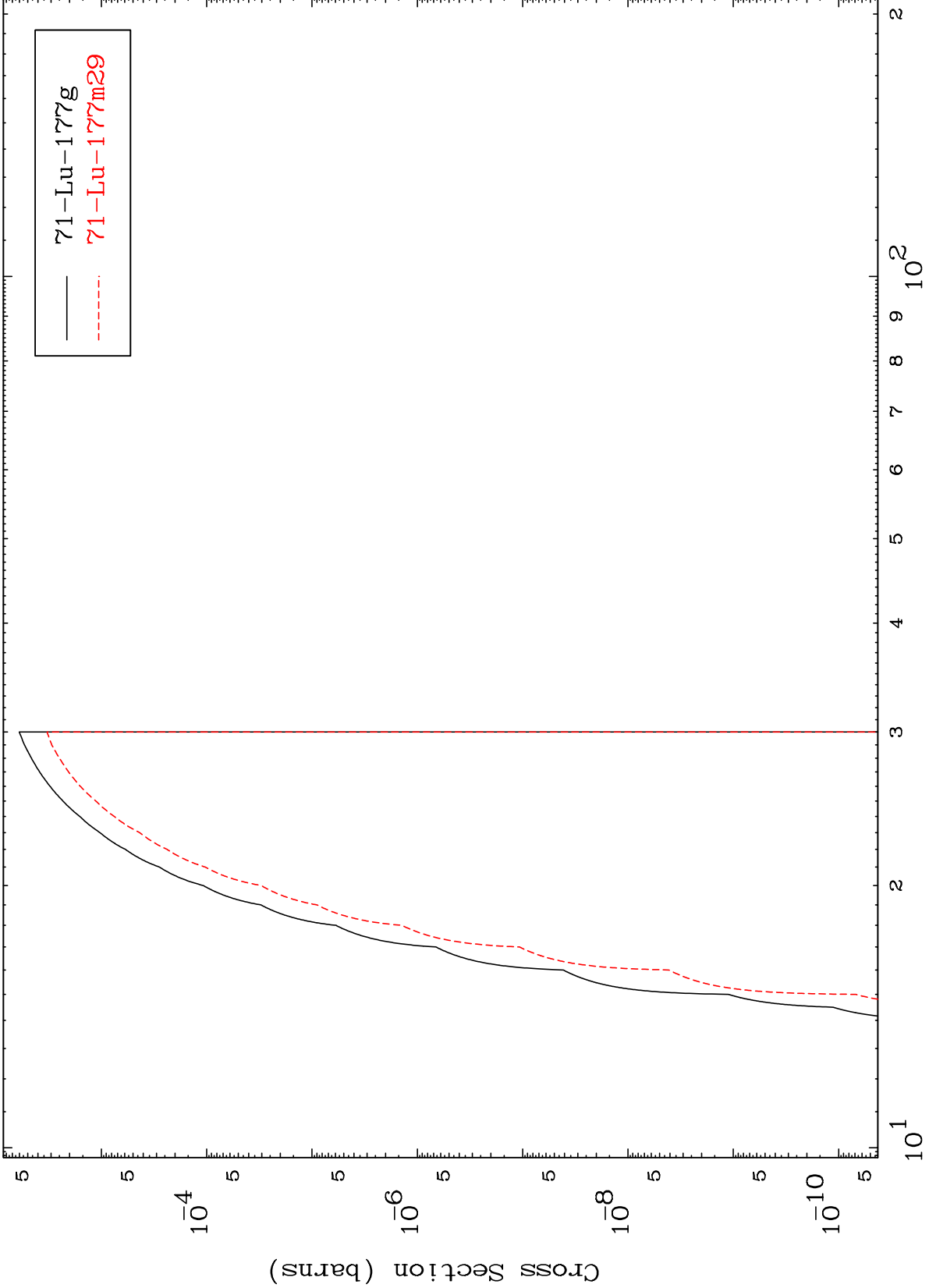
72-Hf-179

MAT 7242

(n,n') d

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

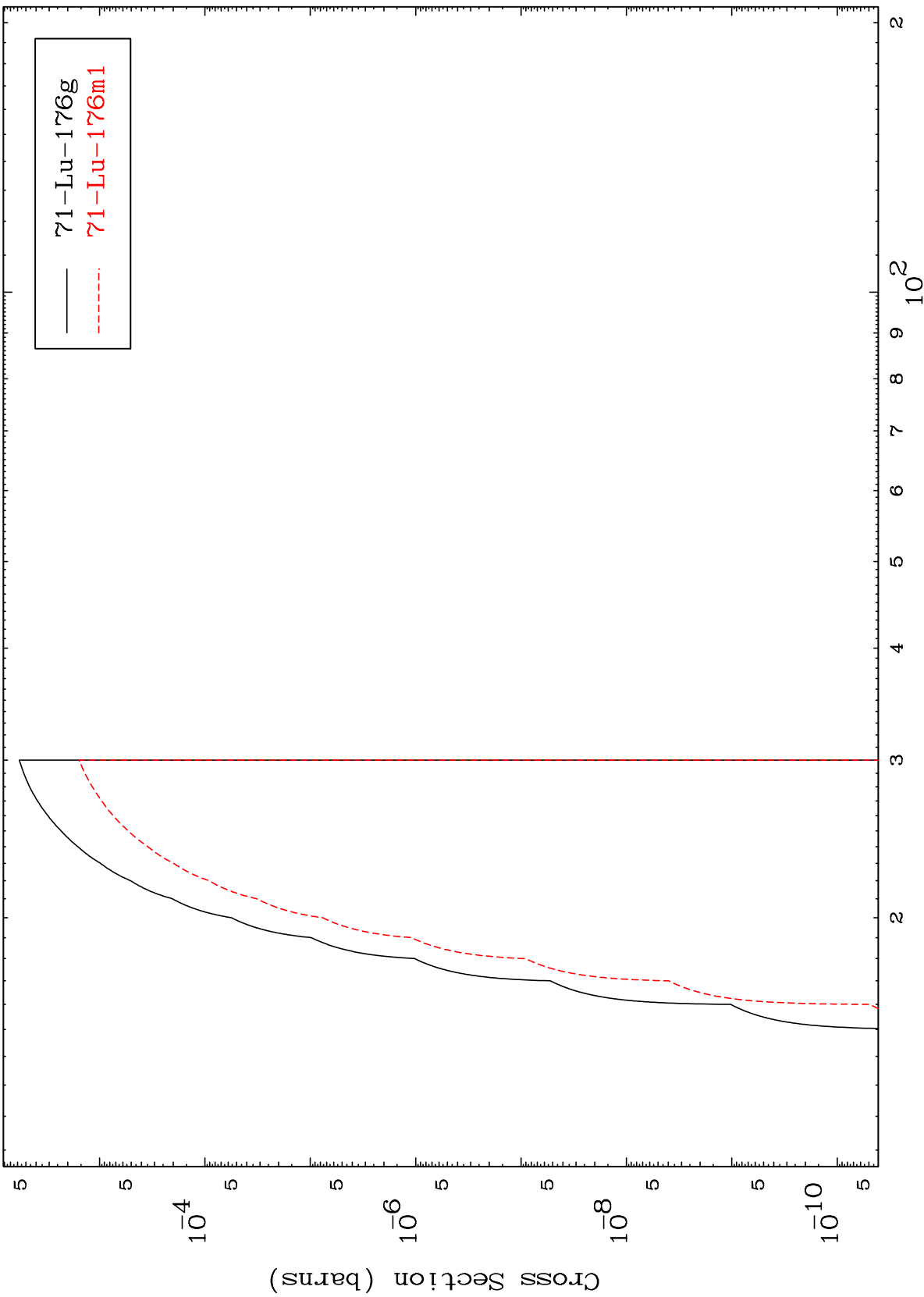
24

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(n,n') t

72-Hf-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

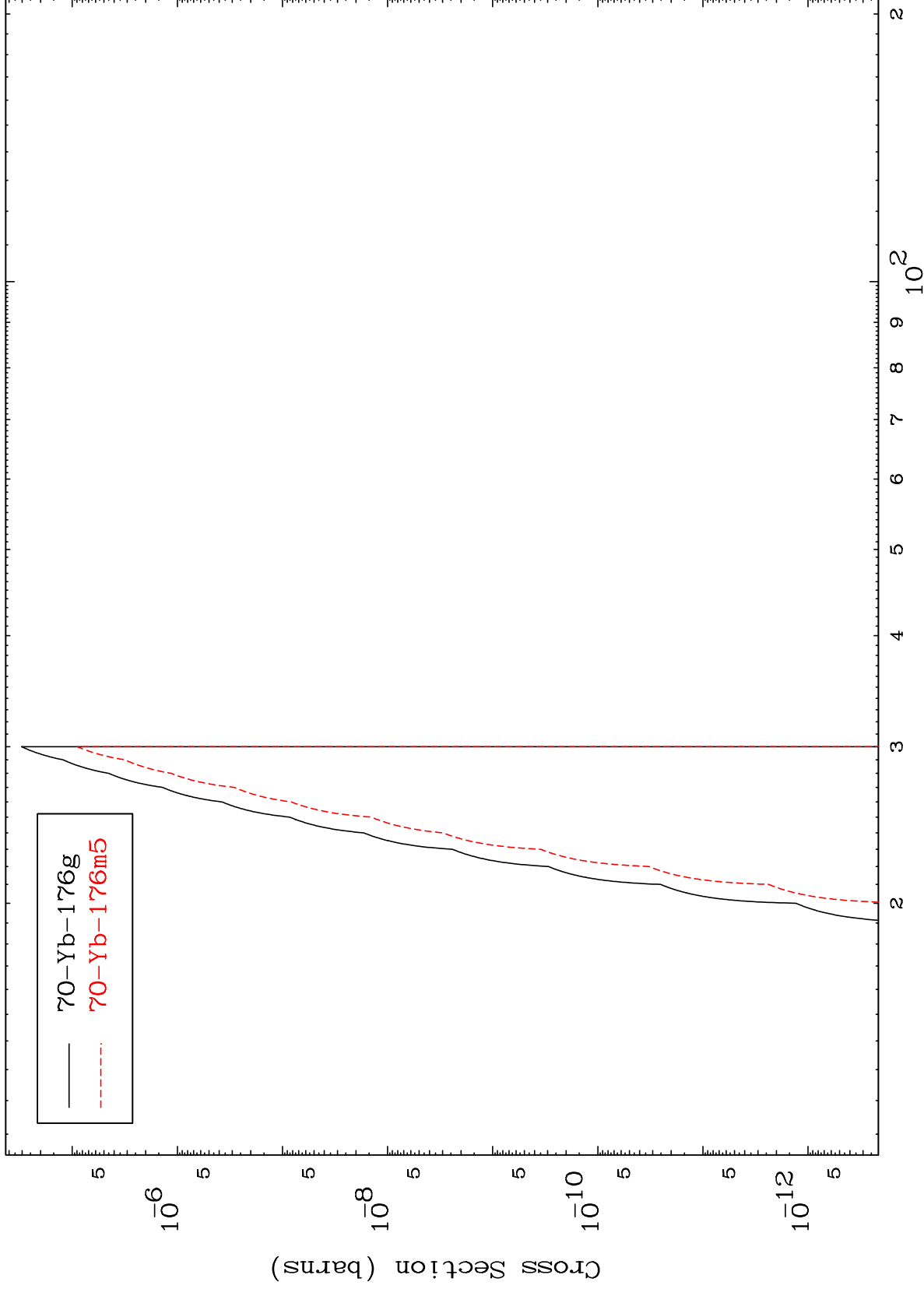
72-Hf-179

MAT 7242

(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

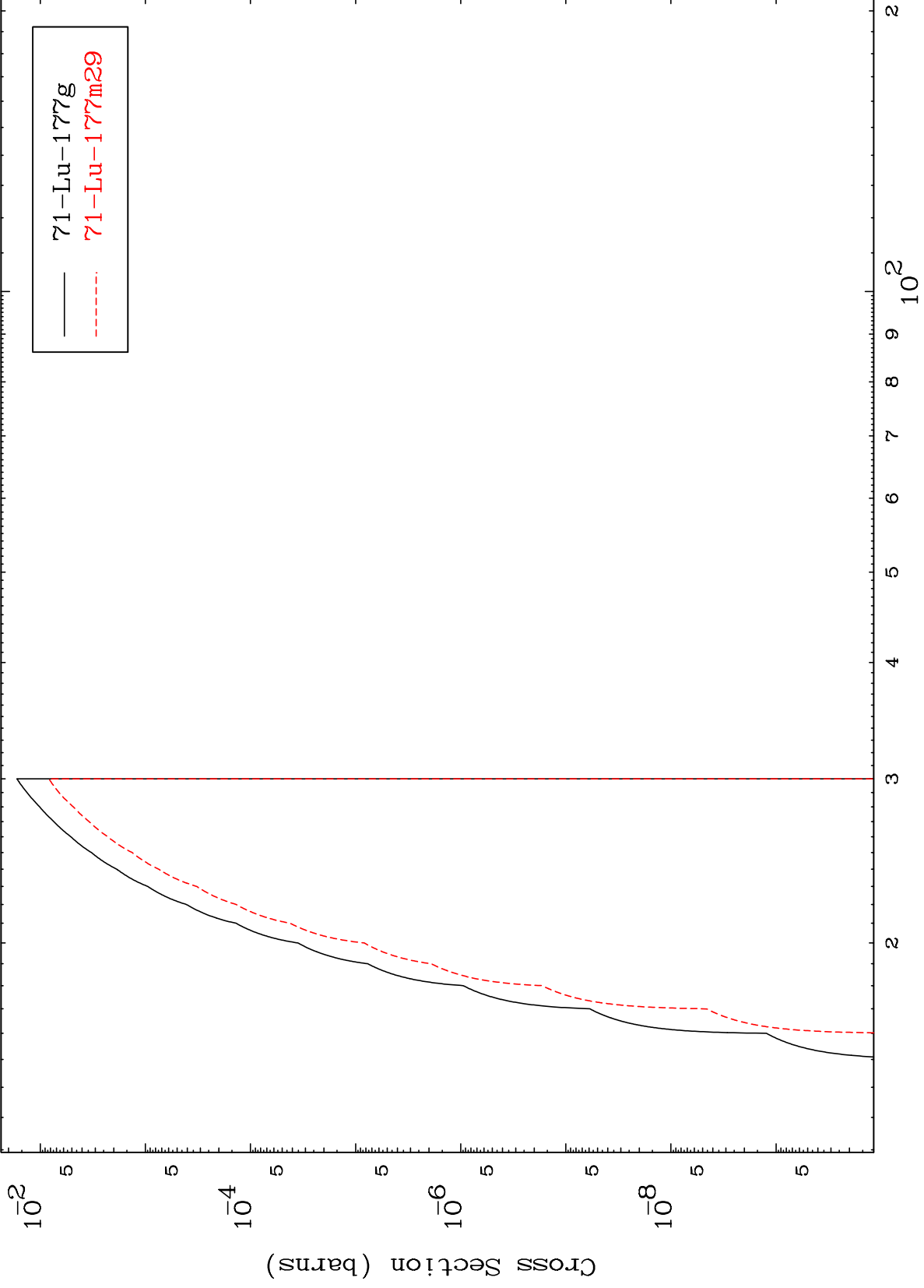
26

MAT 7242

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



27

Incident Energy (MeV)

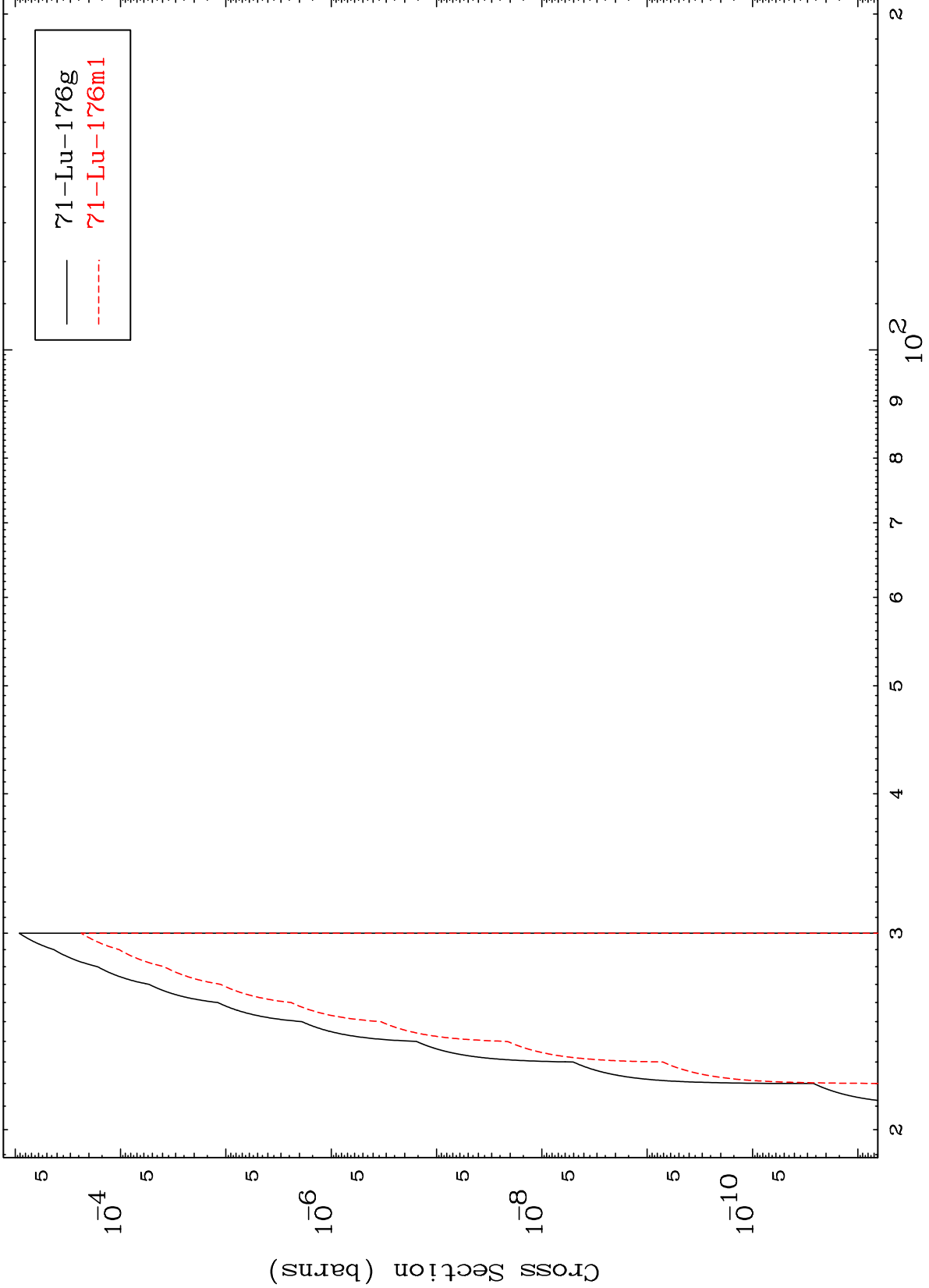
72-Hf-179

MAT 7242

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



28

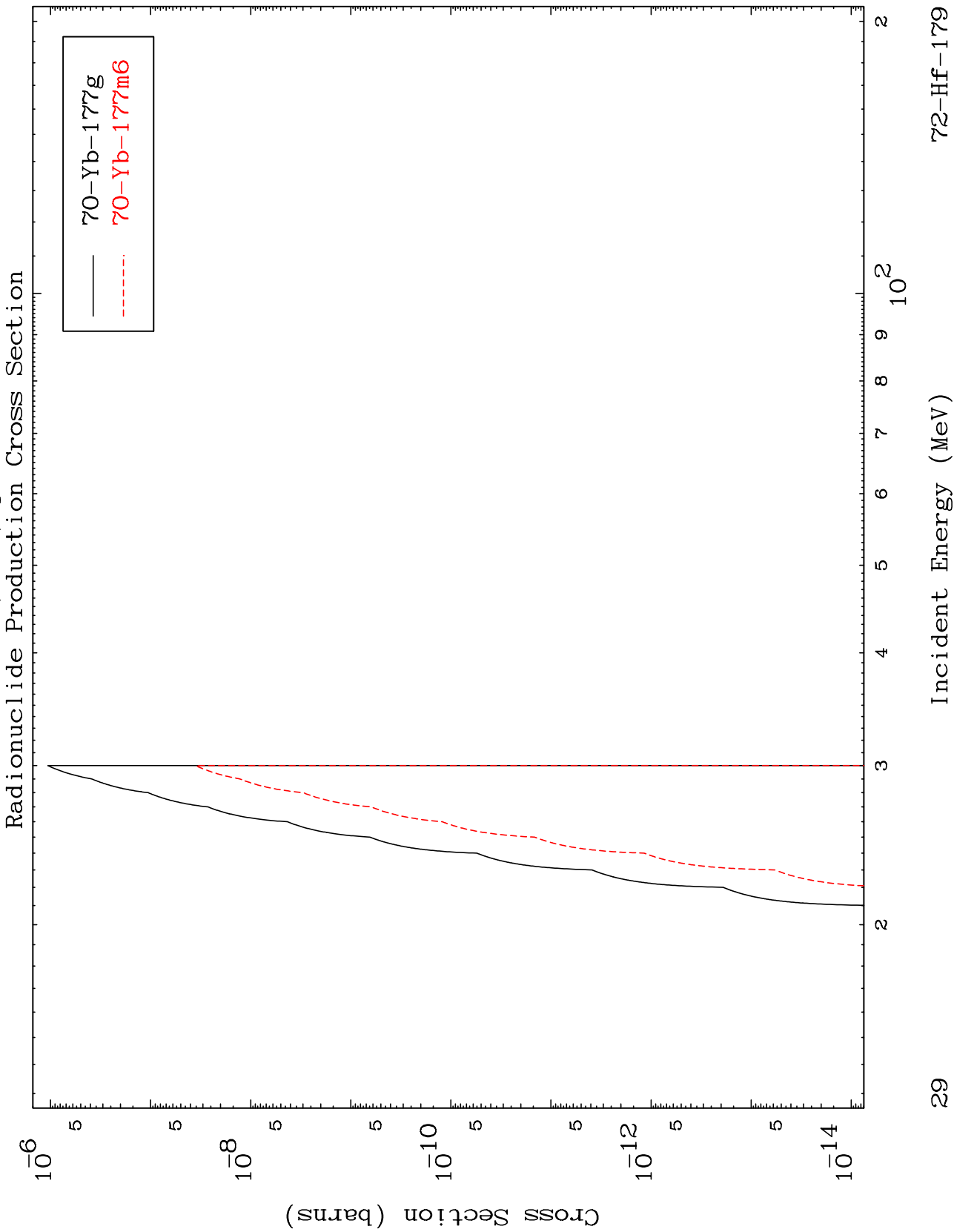
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,2n) p

72-Hf-179



29

Incident Energy (MeV)

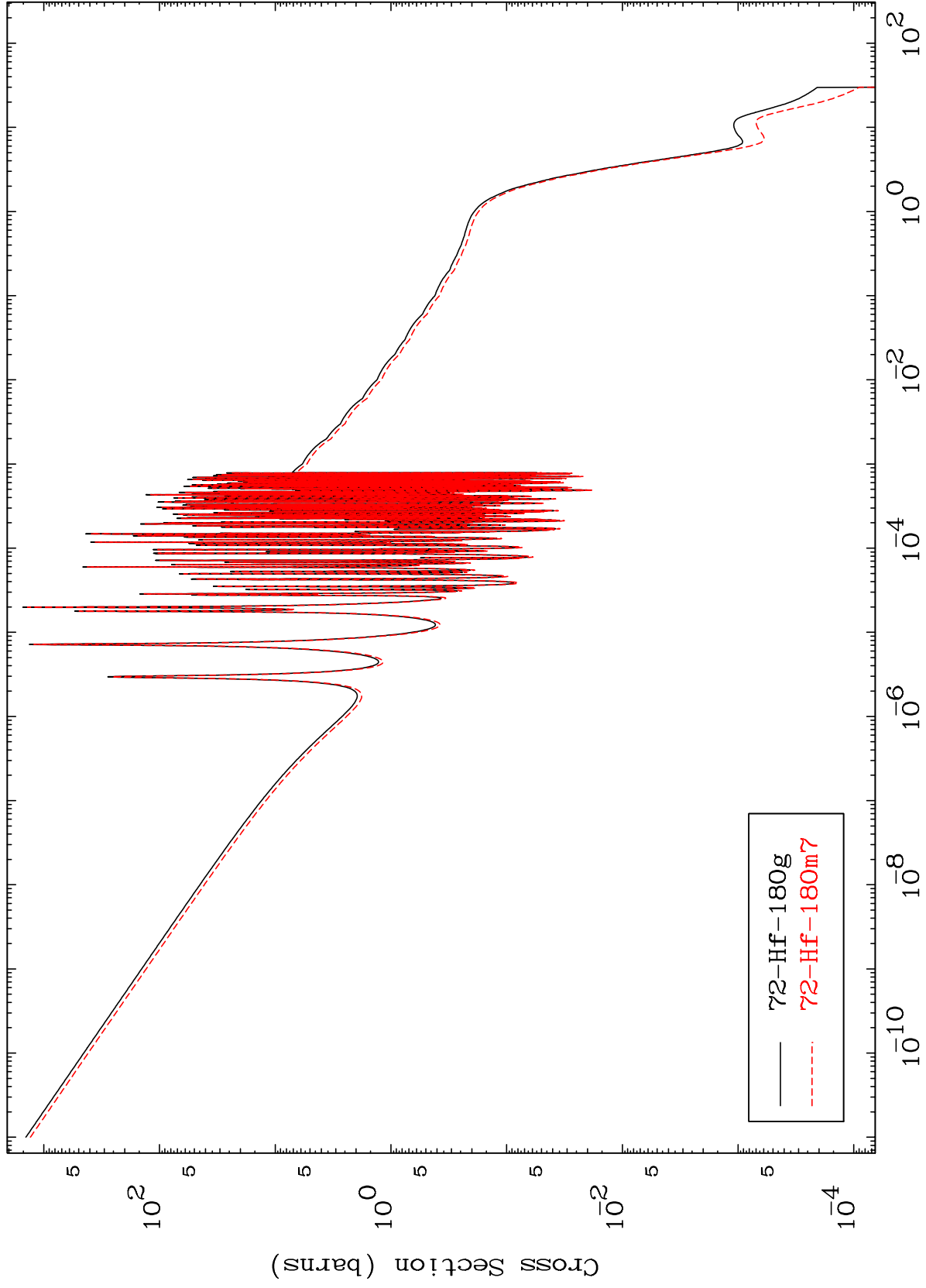
72-Hf-179

MAT 7242

72-Hf-179

Radionuclide Production Cross Section

(n, γ)

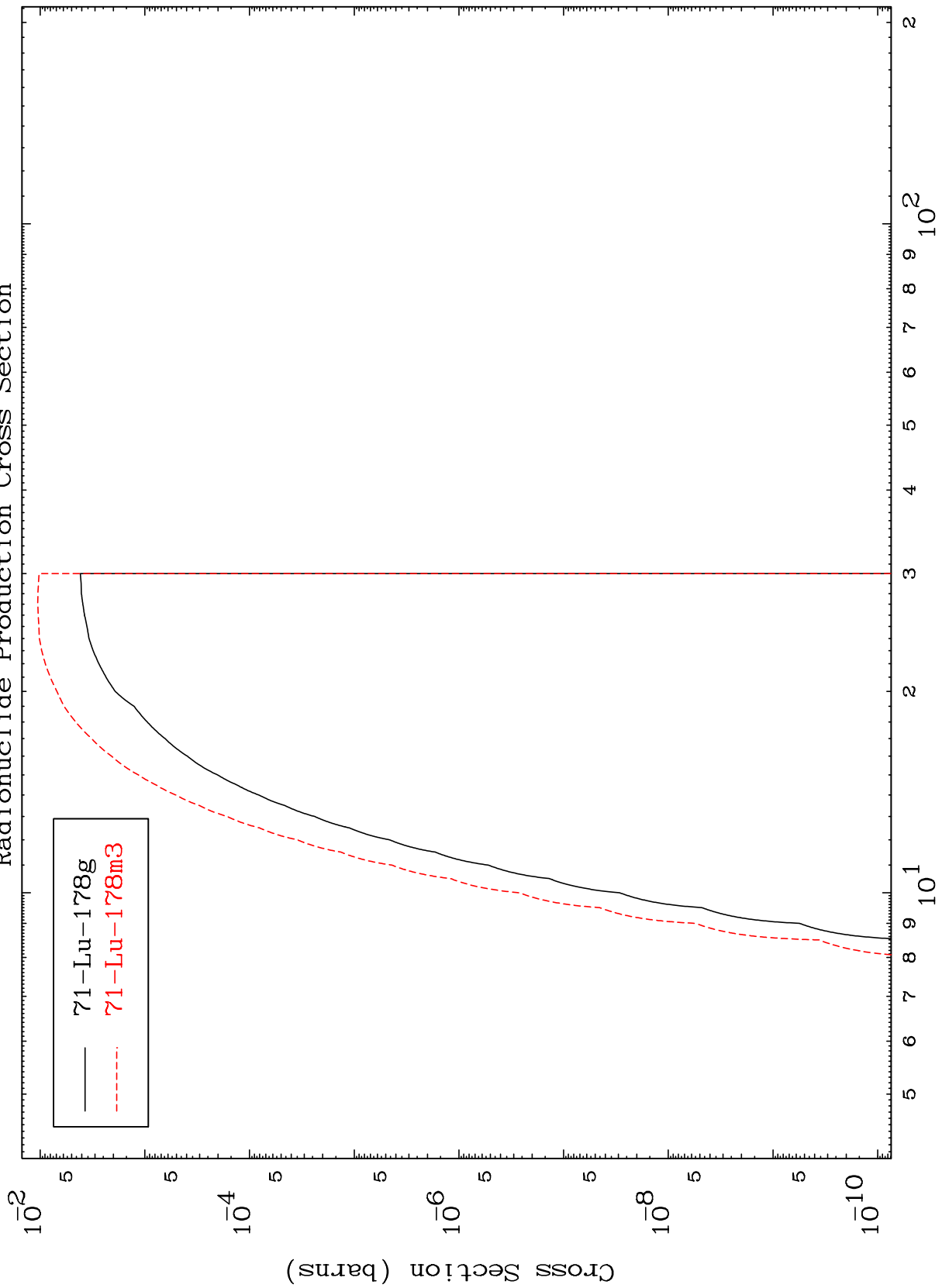


72-Hf-179

Incident Energy (MeV)

30

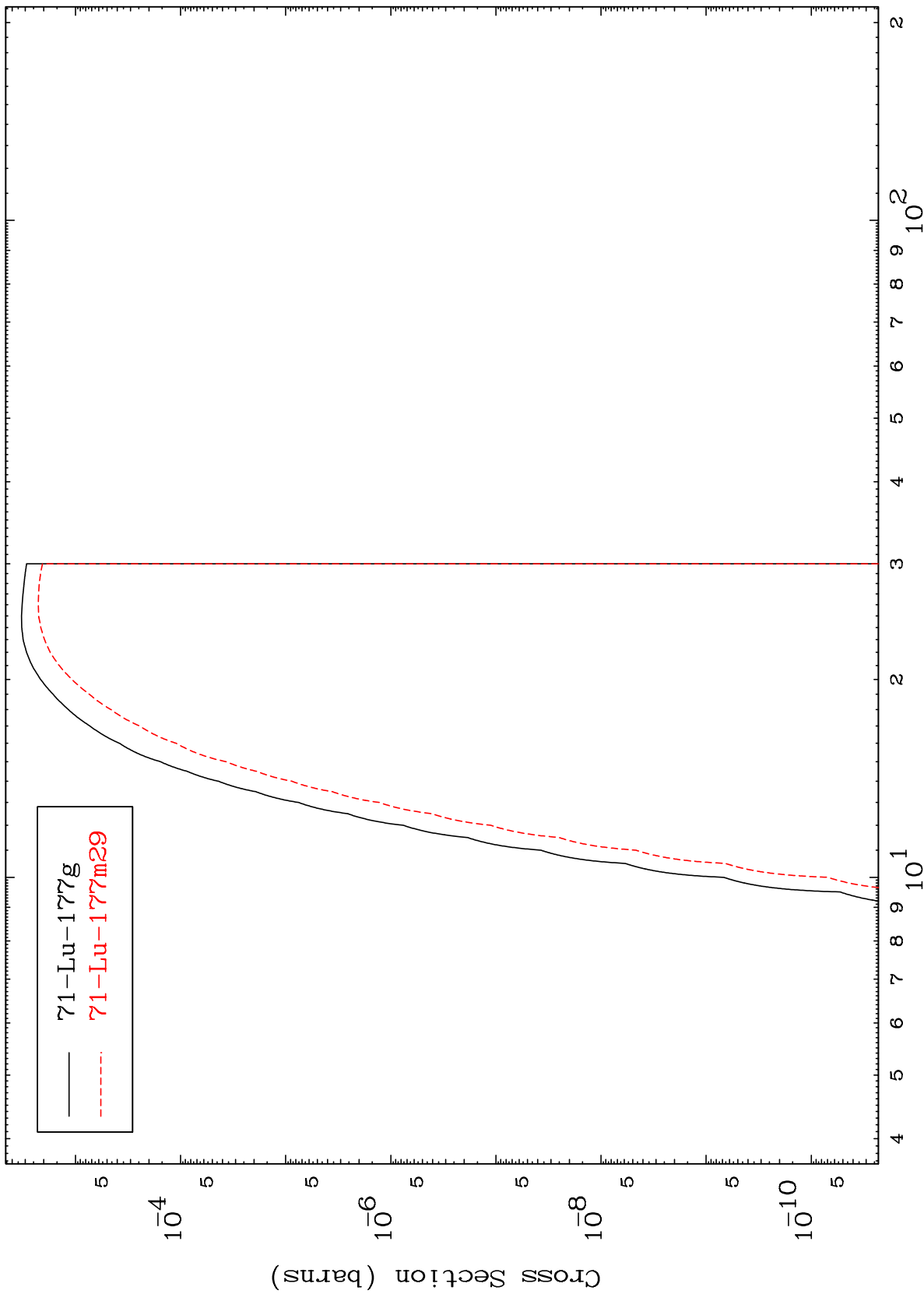
(n,d)
Radionuclide Production Cross Section



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72-Hf-179

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

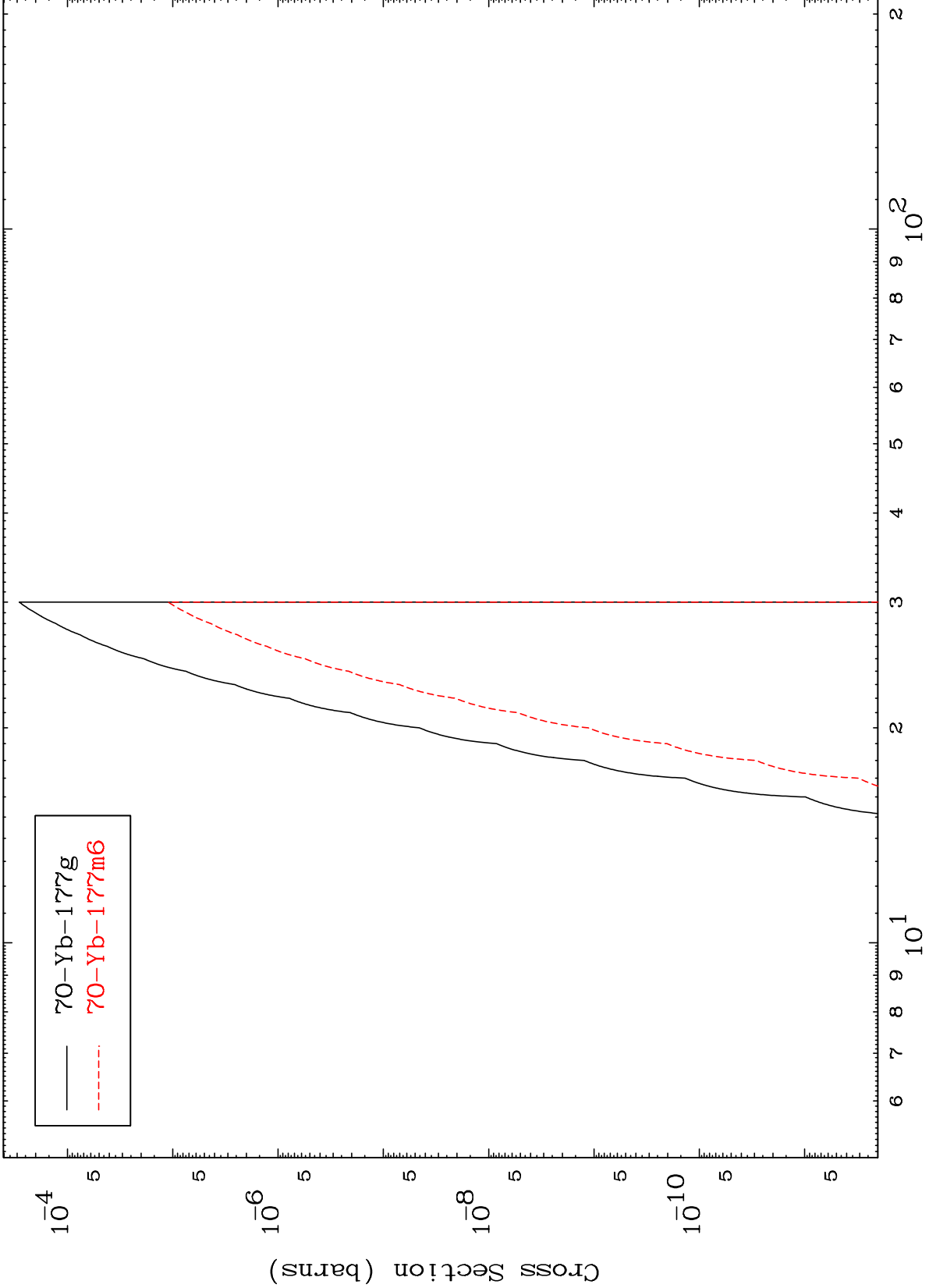
32

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(n,He-3)

72-Hf-179

Radionuclide Production Cross Section

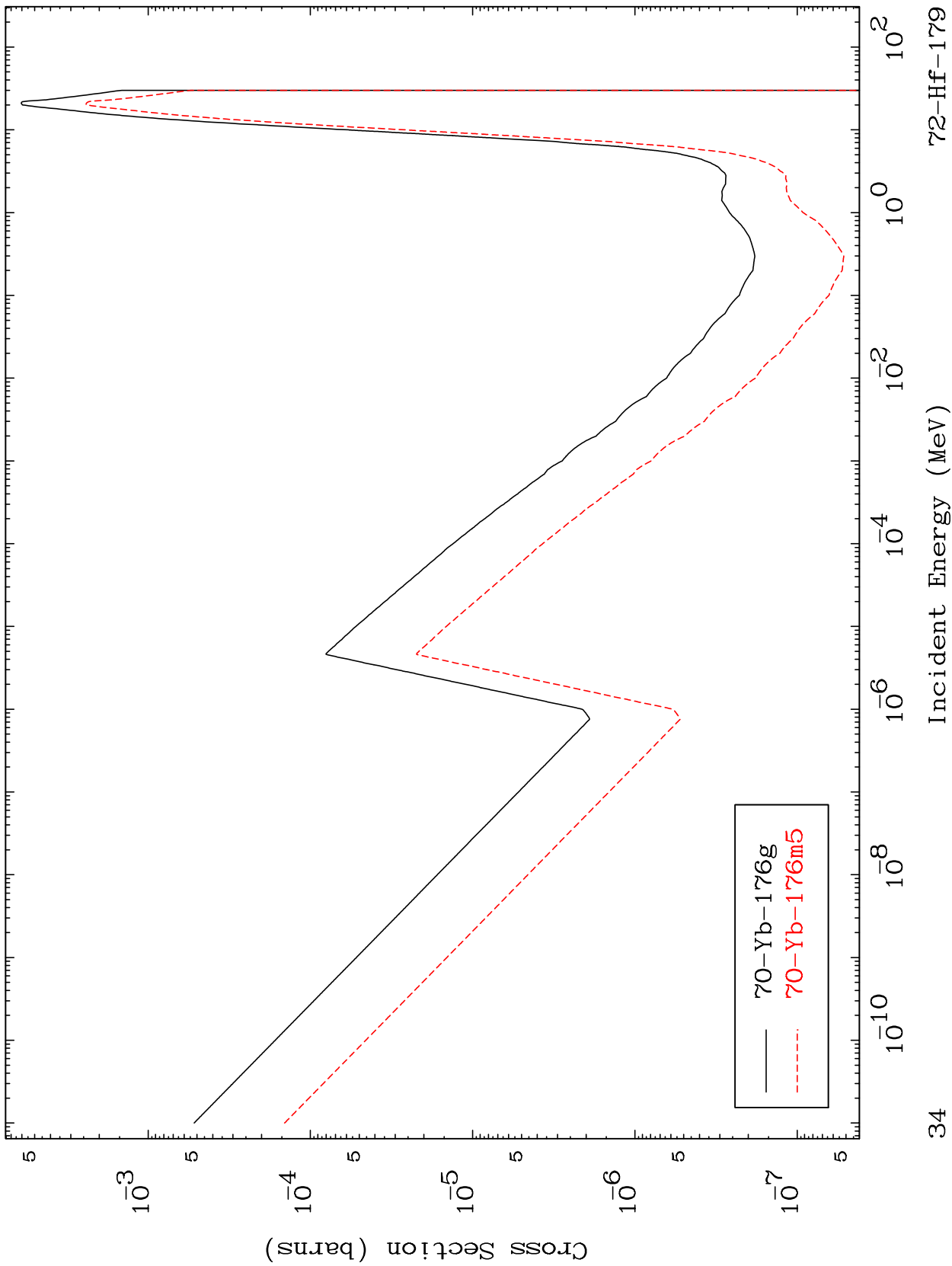


— 70-Yb-177g
- - - 70-Yb-177m6

MAT 7242

72-Hf-179

(n, α)
Radionuclide Production Cross Section

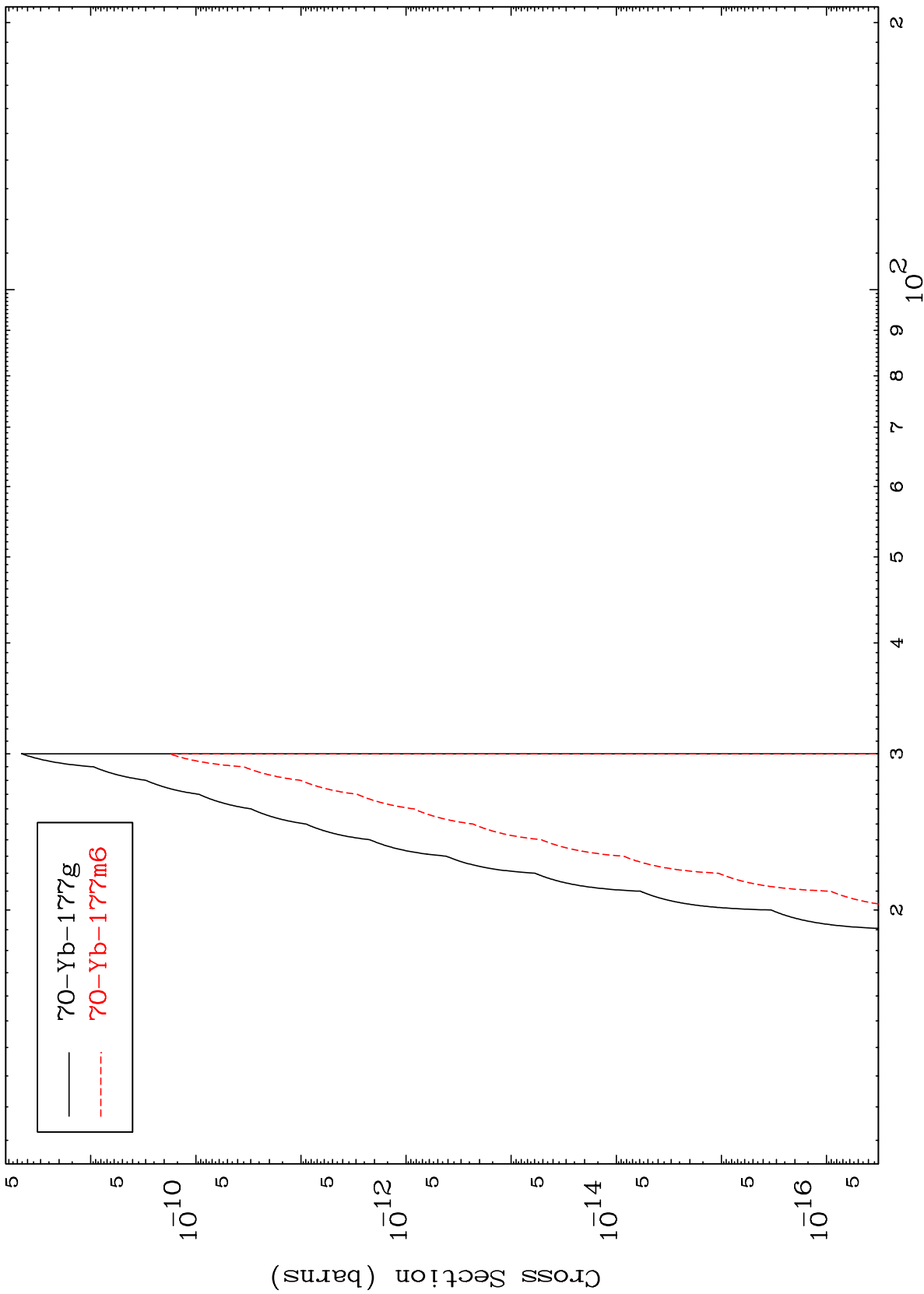


MAT 7242

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6