

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

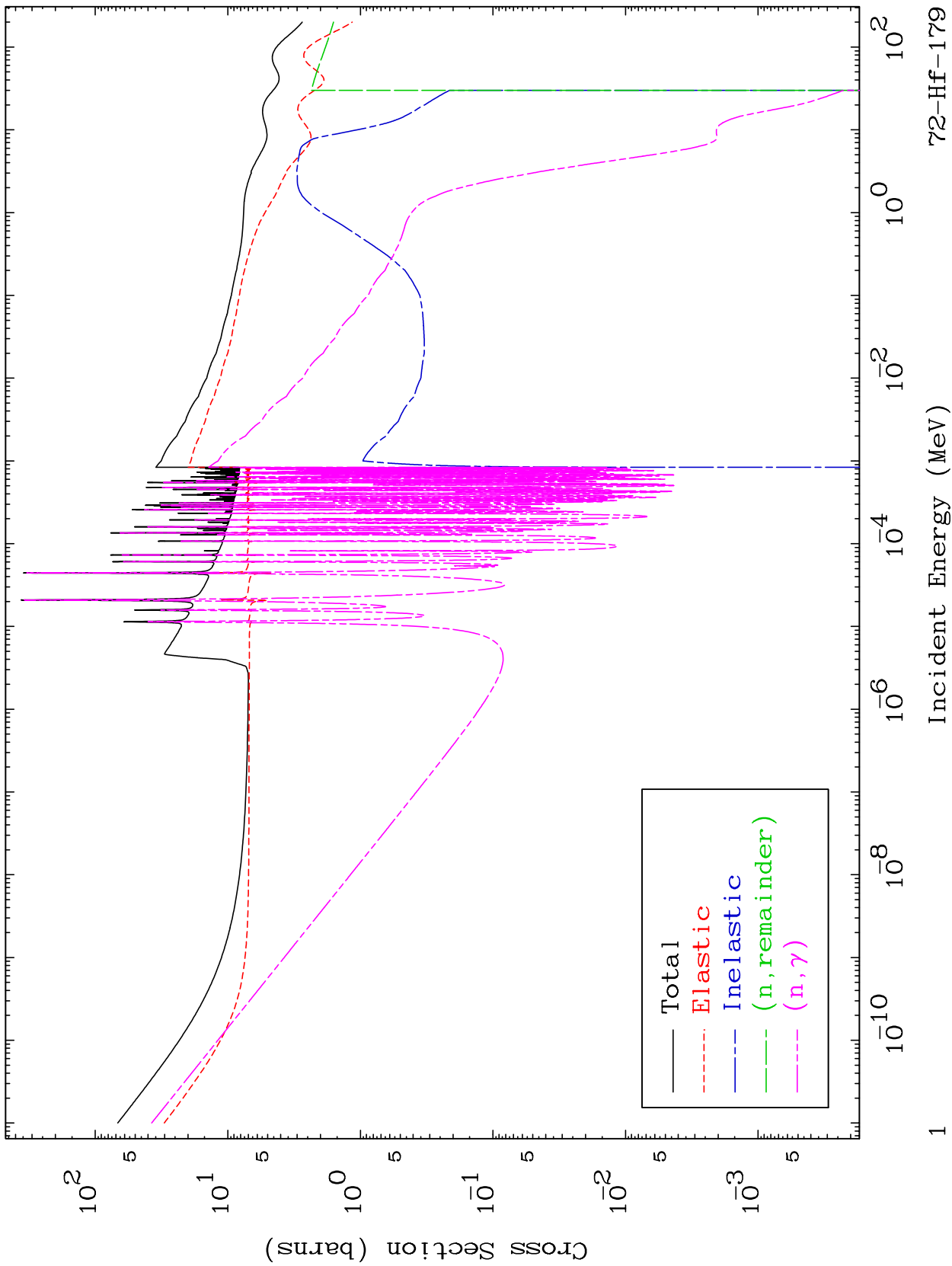
Press Mouse Button to Start

MAT 7242

Major

293 Kelvin Cross Sections

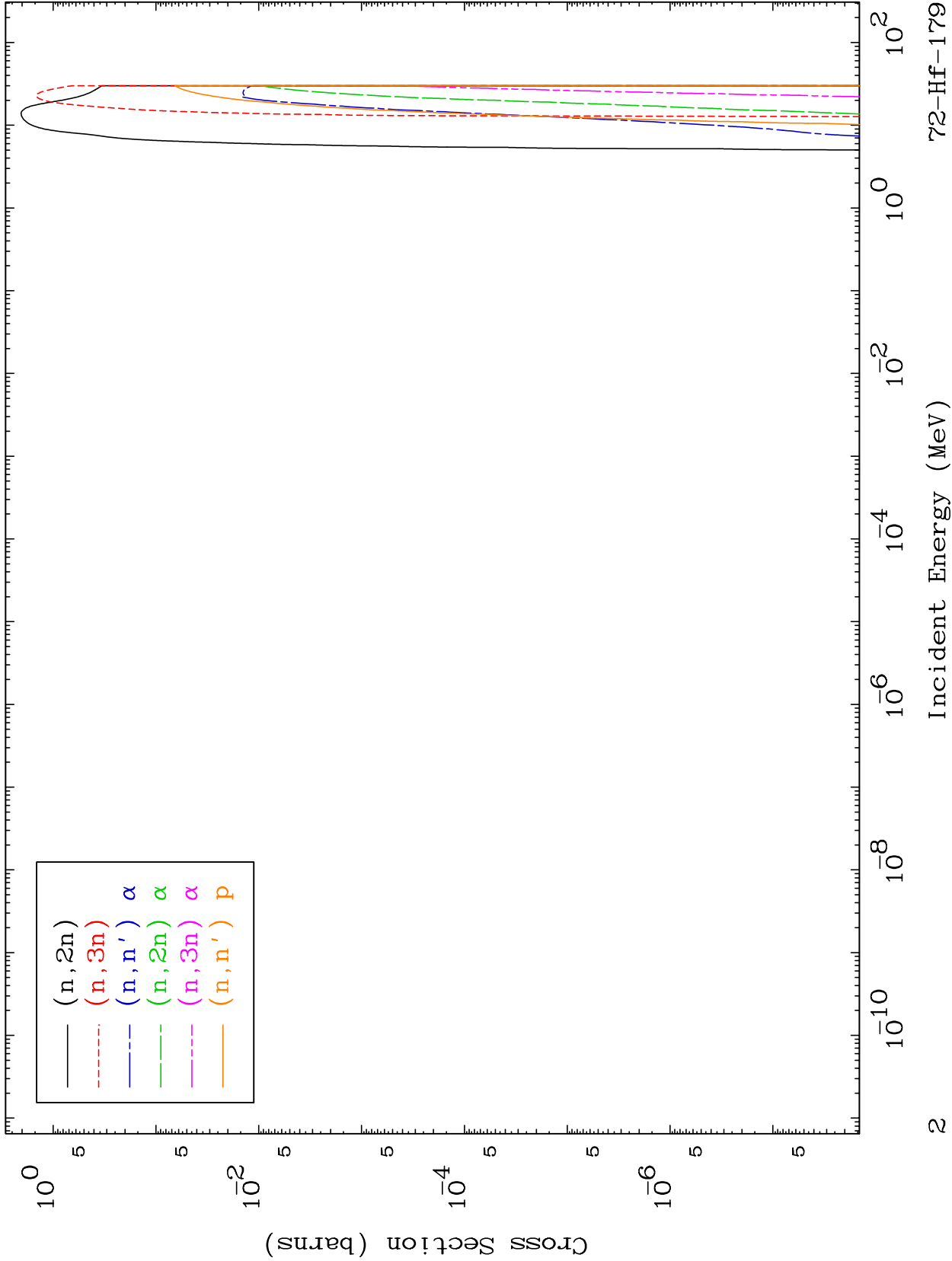
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

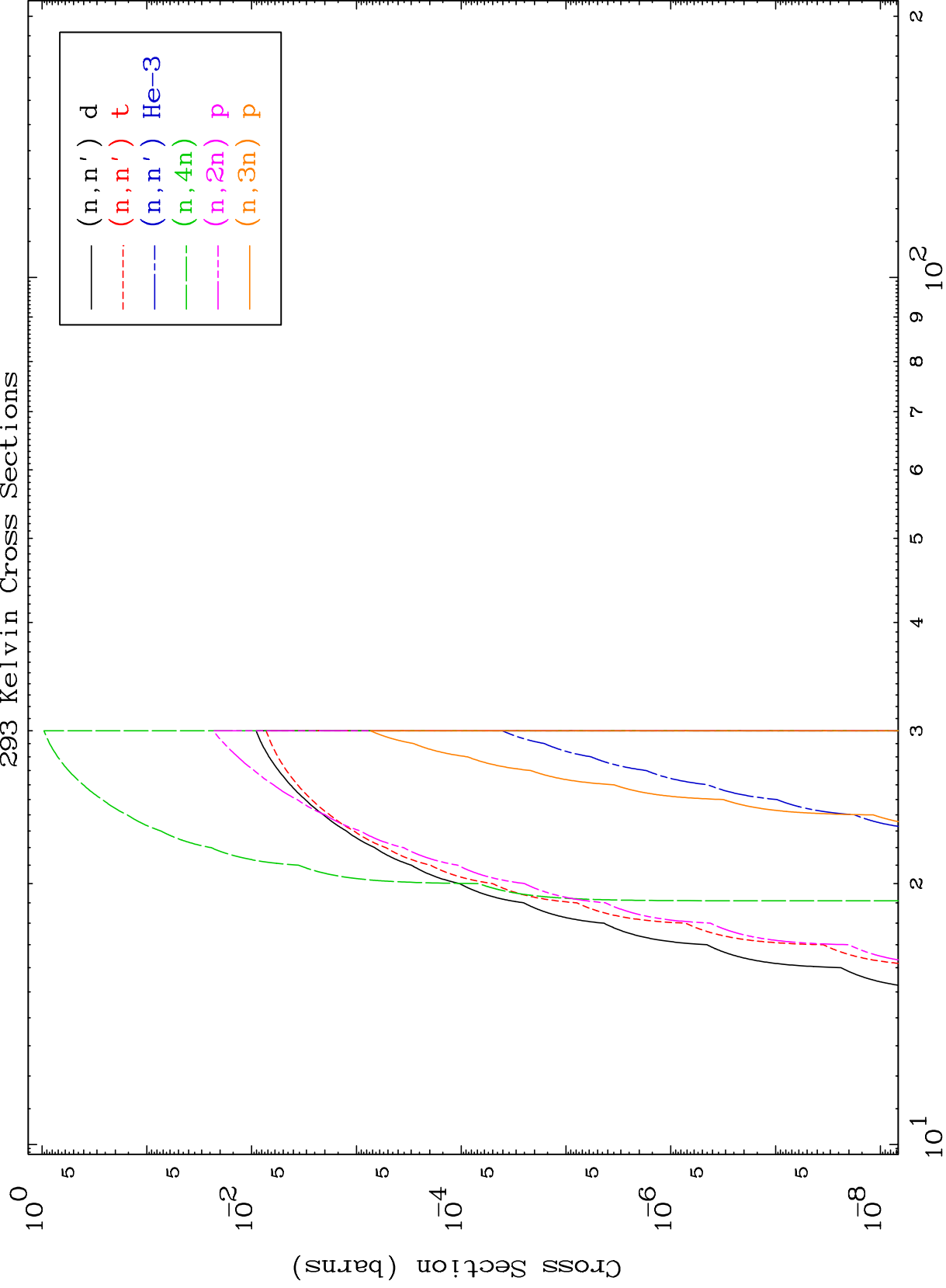
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

72-Hf-179



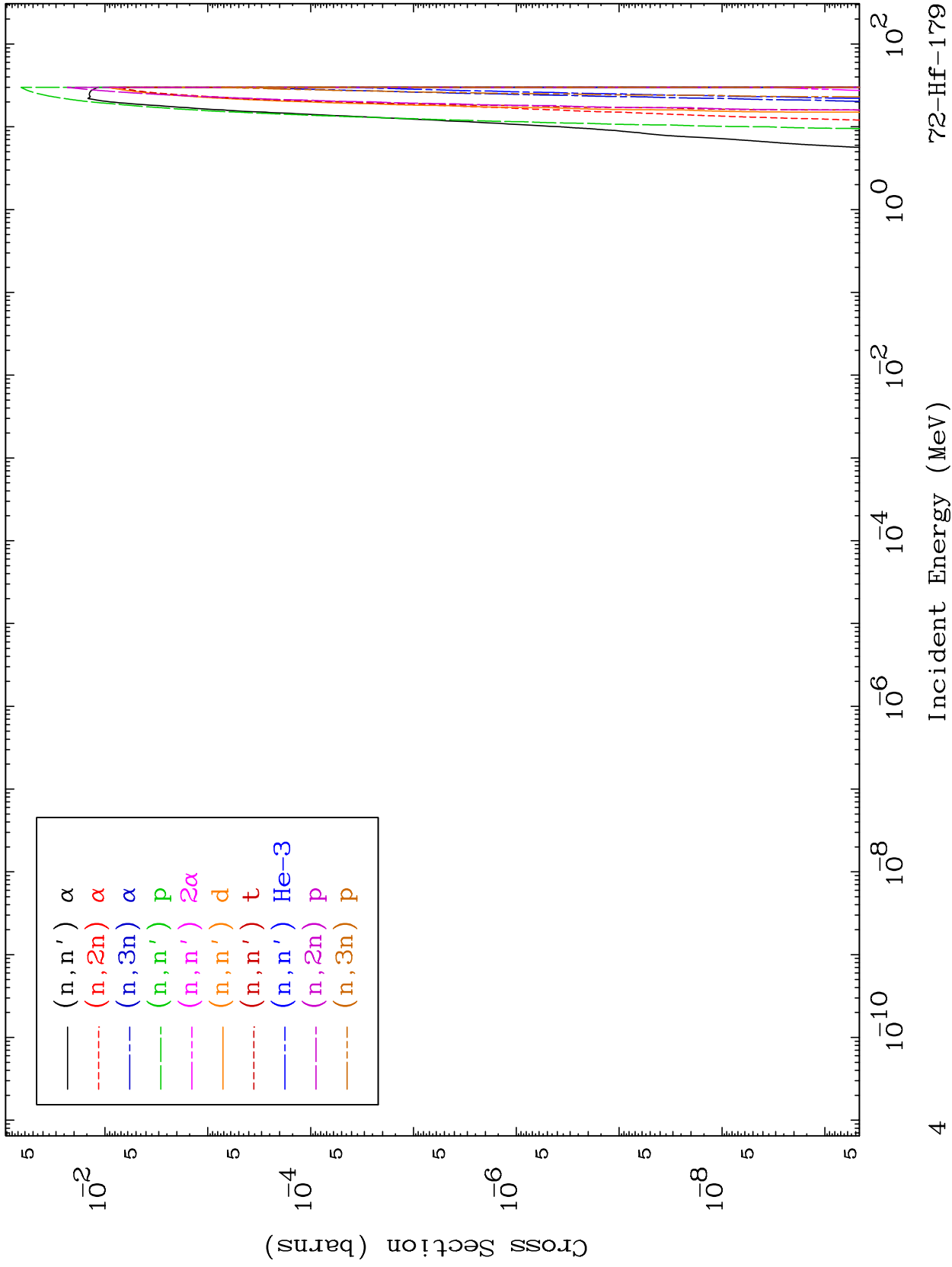
Incident Energy (MeV)

72-Hf-179

MAT 7242

Charged Particle
293 Kelvin Cross Sections

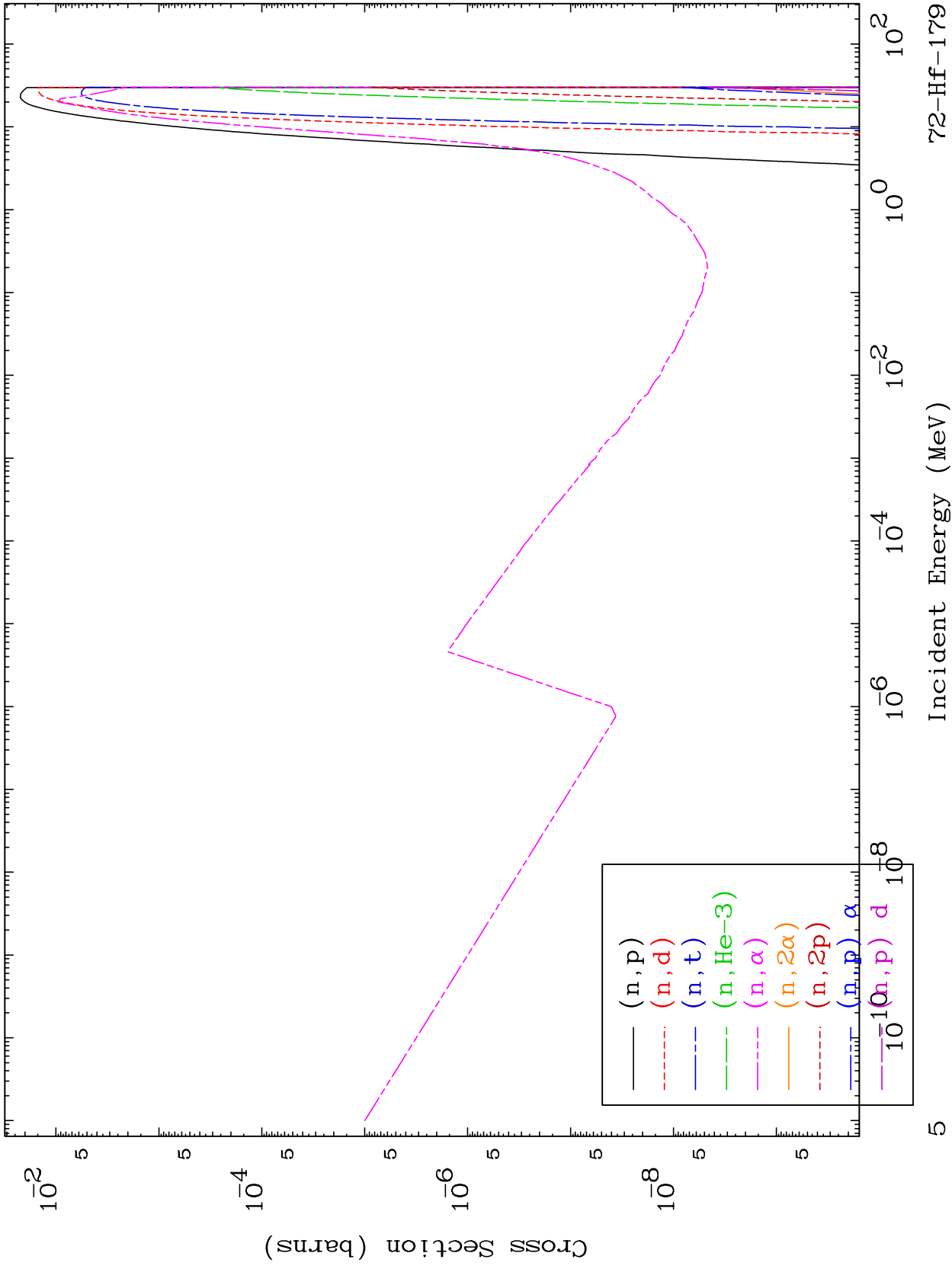
72-Hf-179



MAT 7242

Charged Particle
293 Kelvin Cross Sections

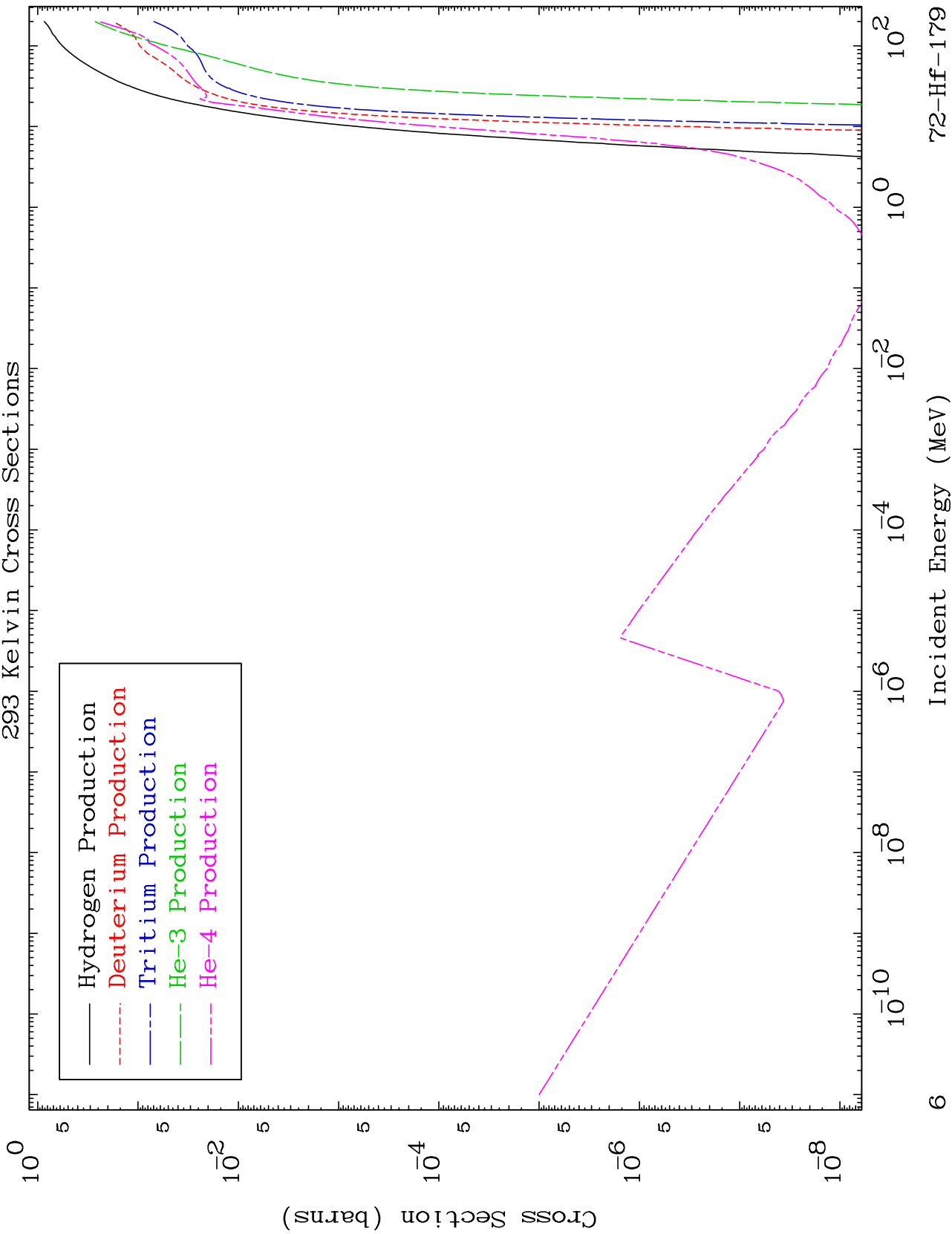
72-Hf-179



MAT 7242

Particle Production
293 Kelvin Cross Sections

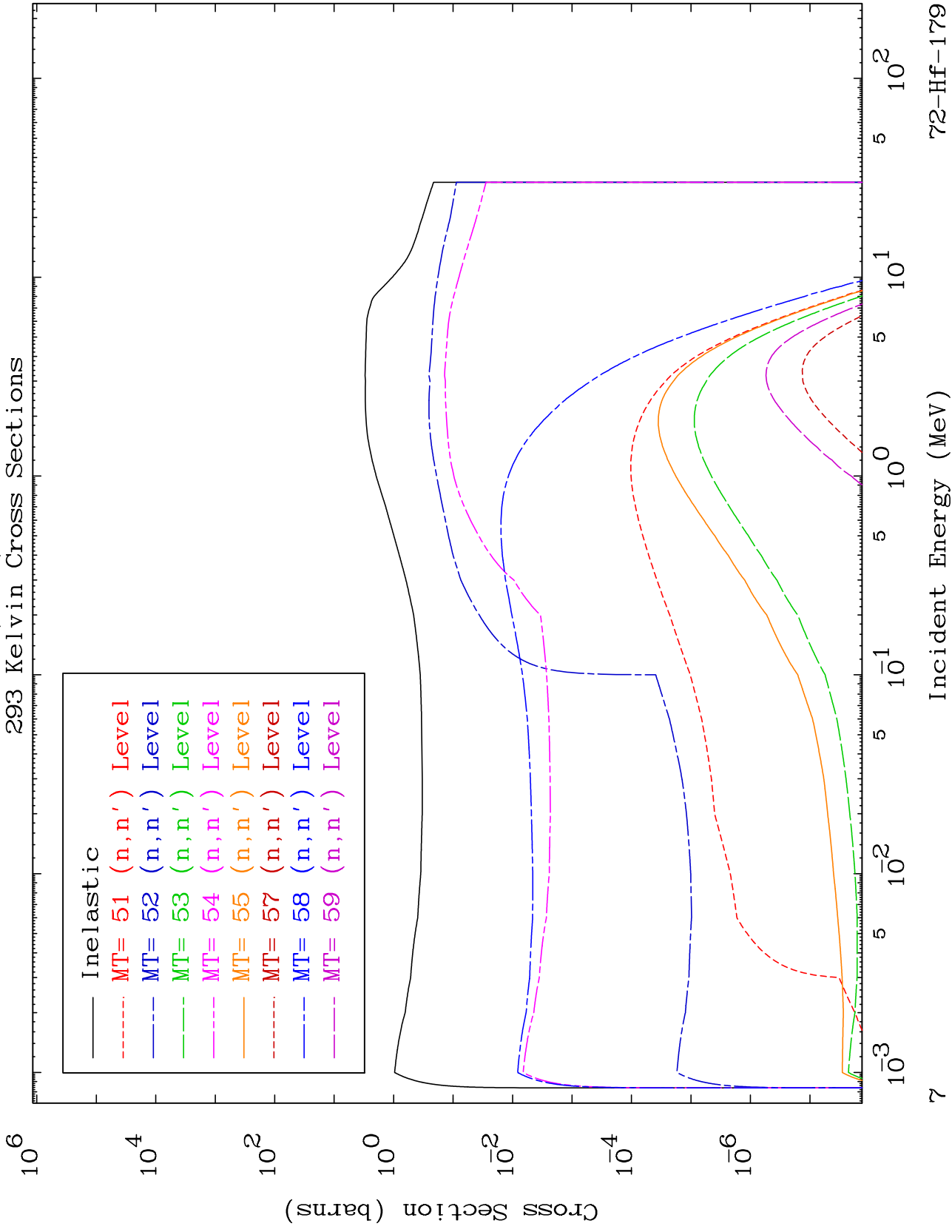
72-Hf-179



MAT 7242

293 Kelvin Cross Sections

72-Hf-179

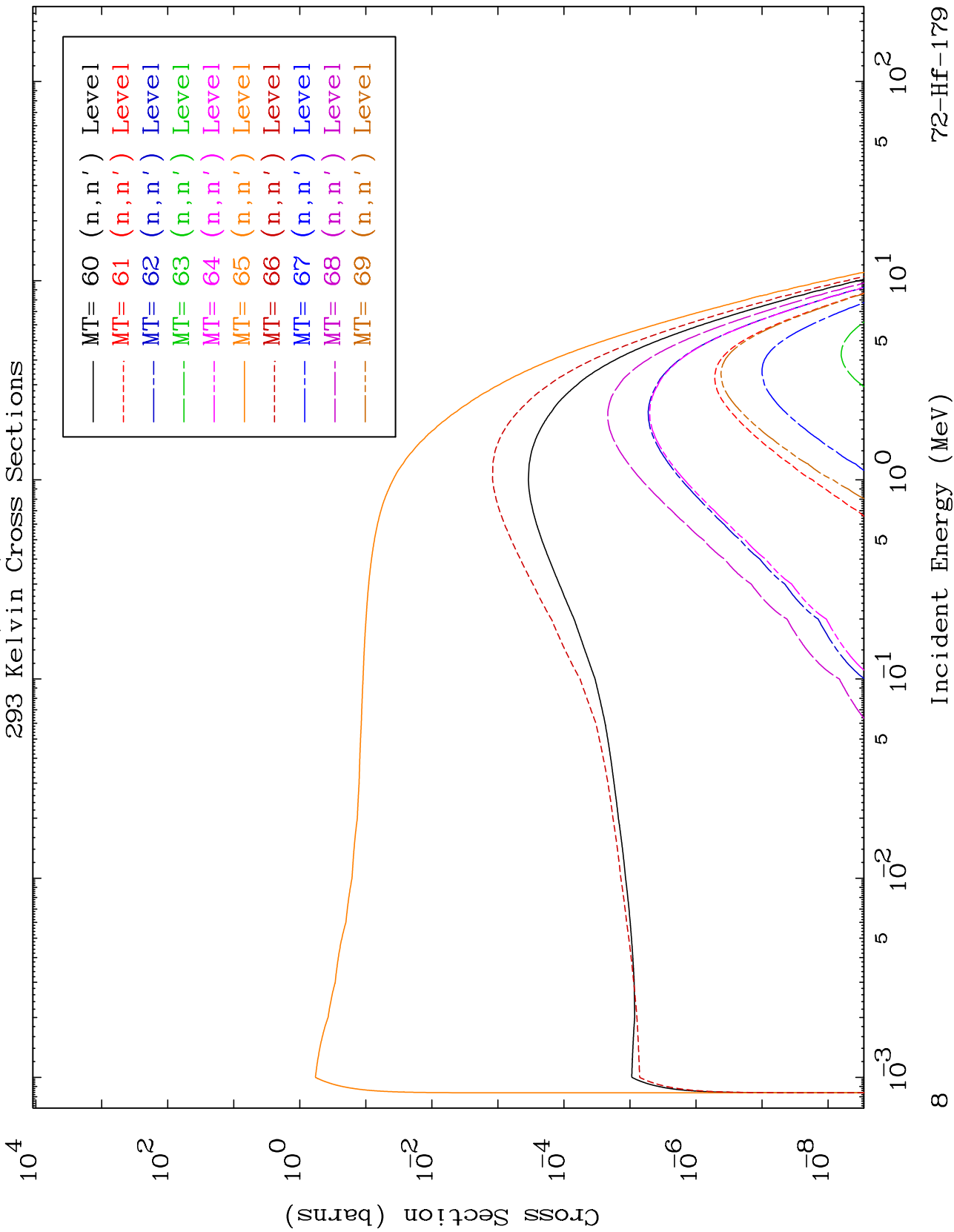


MAT 7242

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections

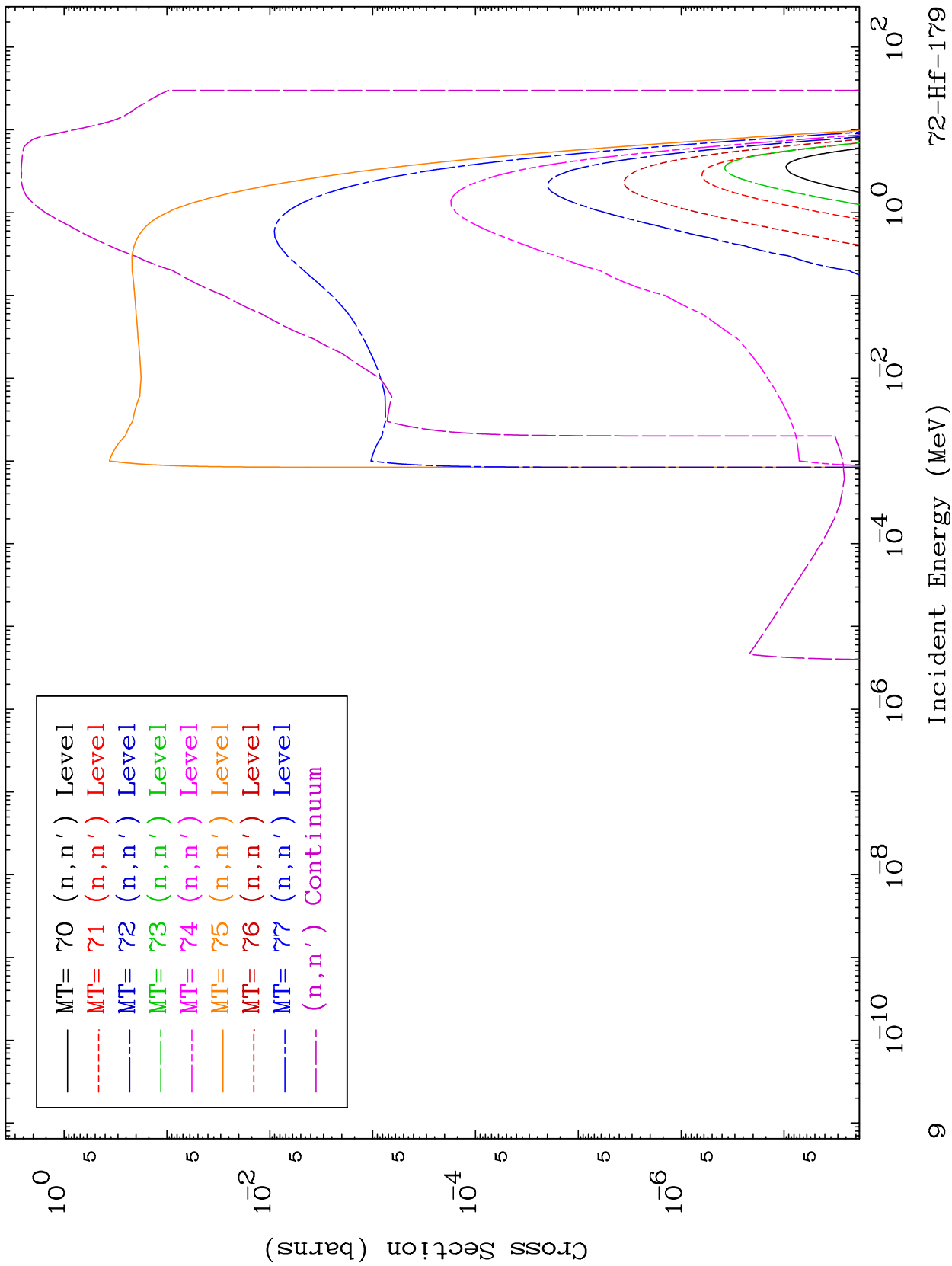


MAT 7242

(n,n') Level

72-Hf-179

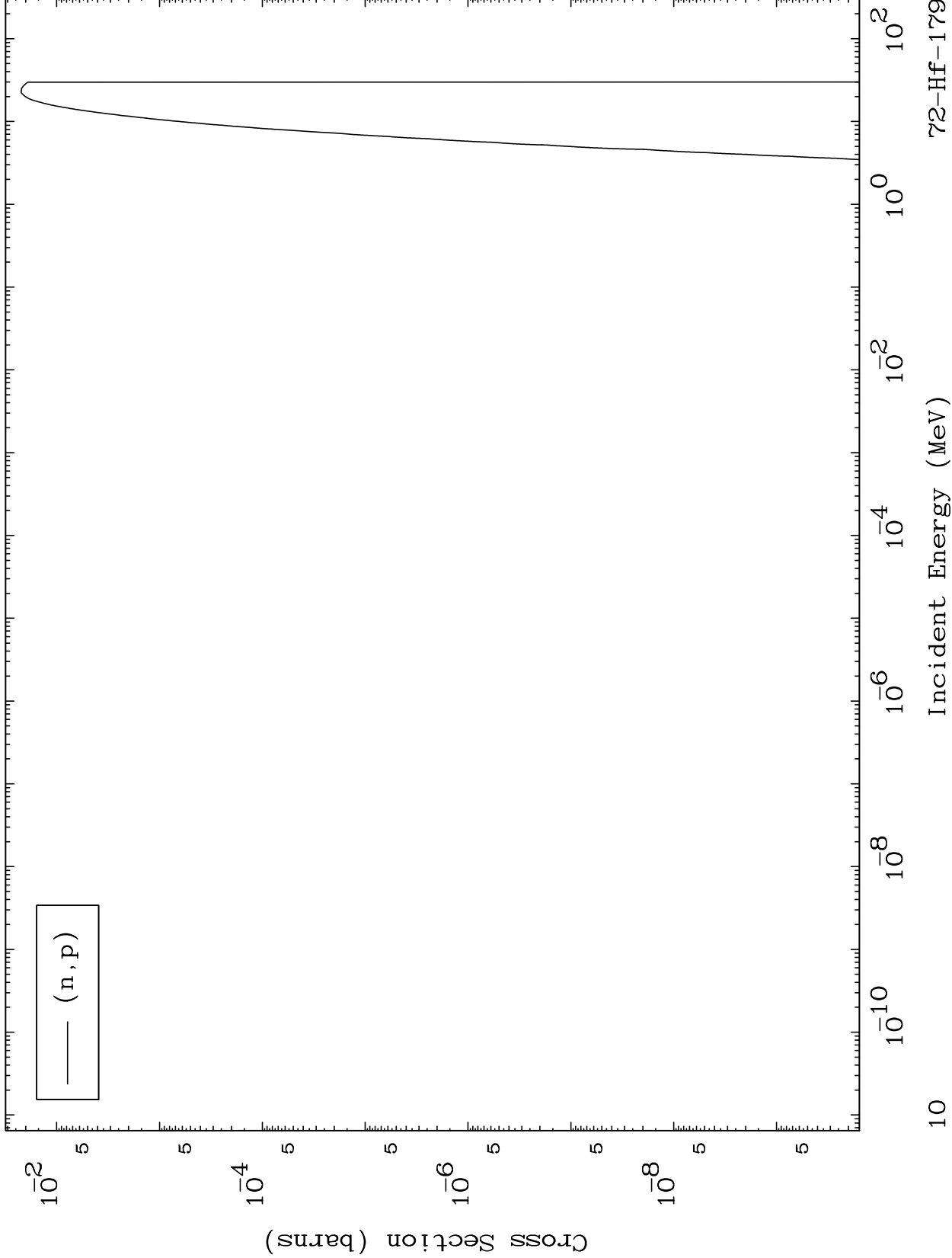
293 Kelvin Cross Sections



MAT 7242

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

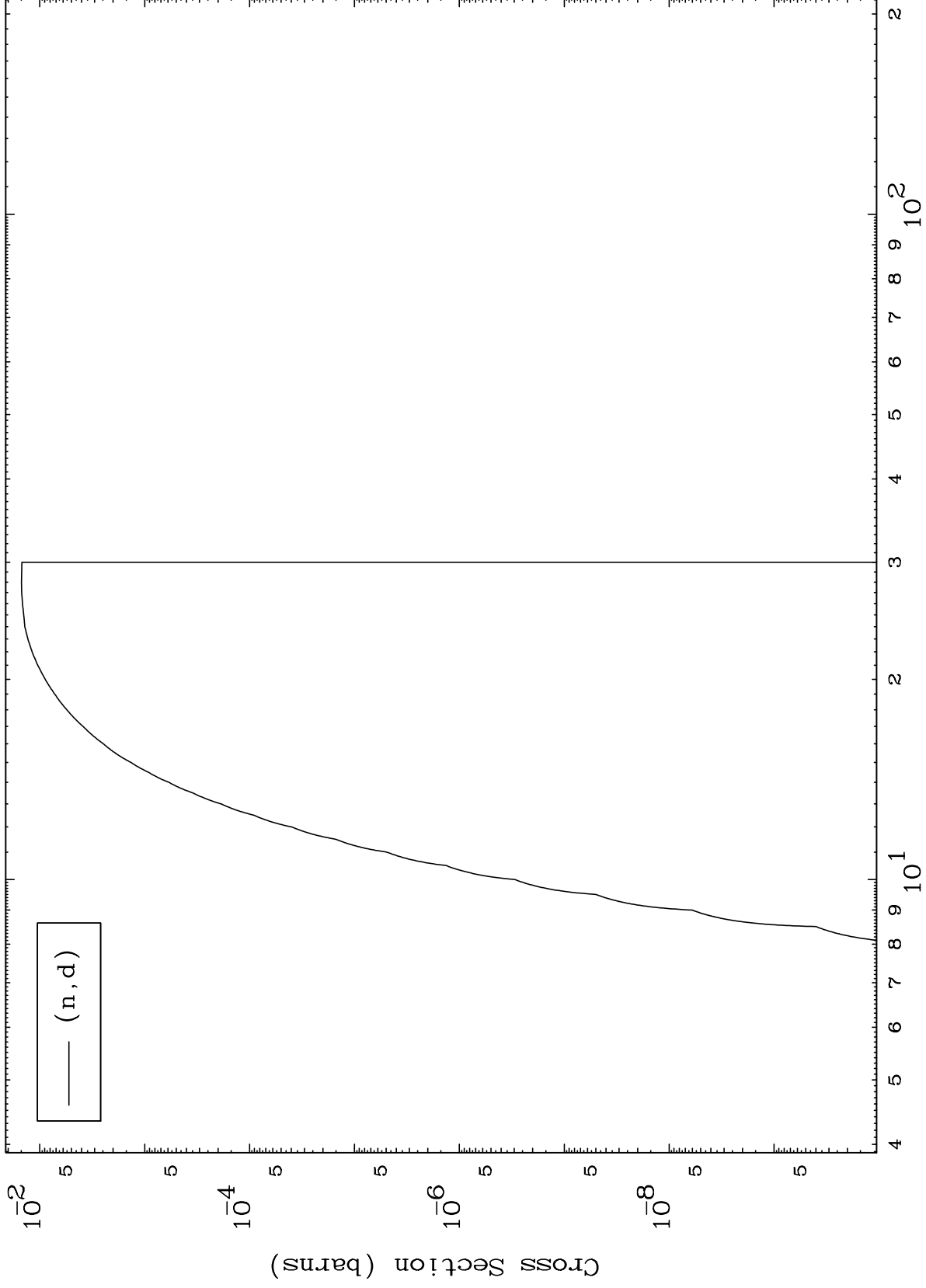
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179



11

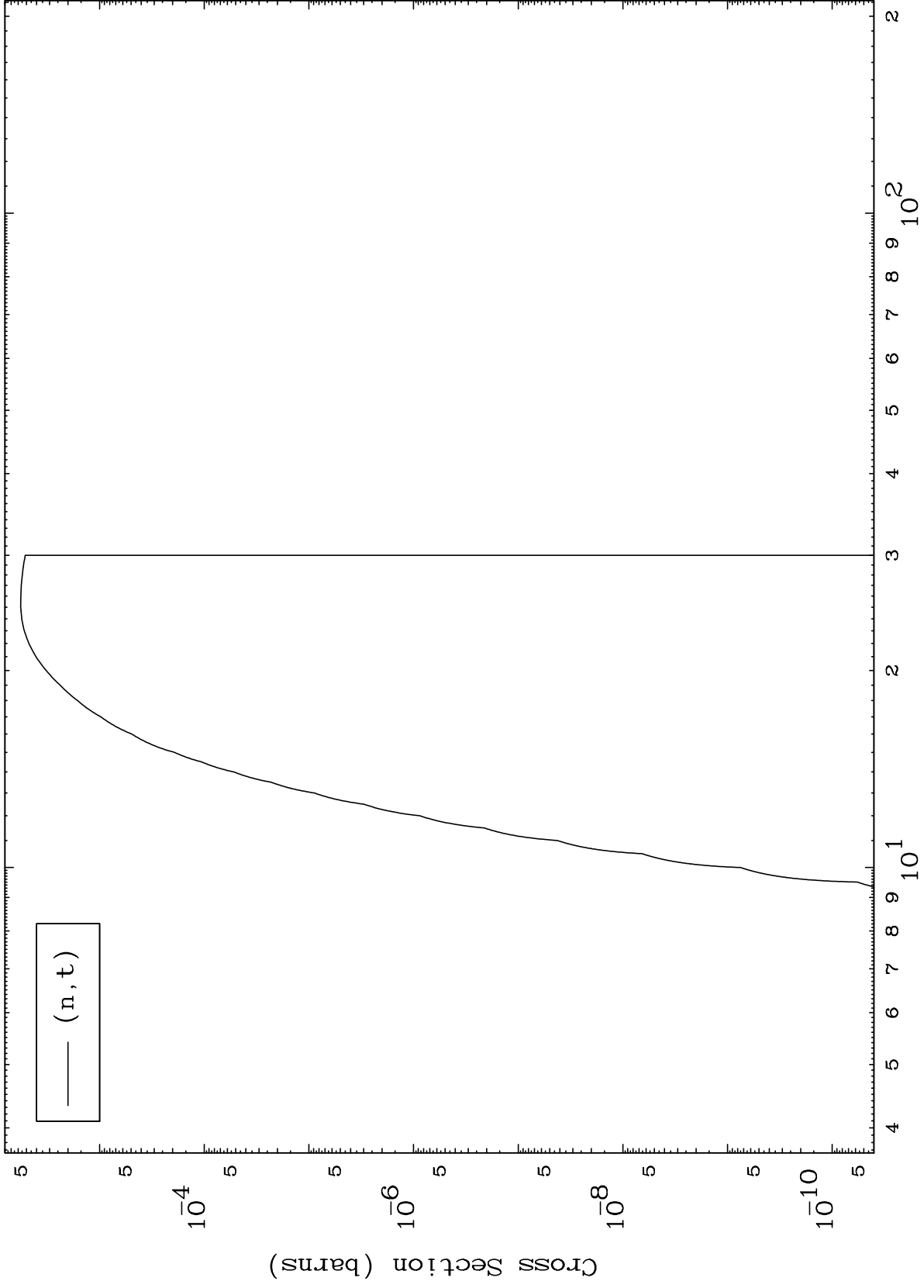
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

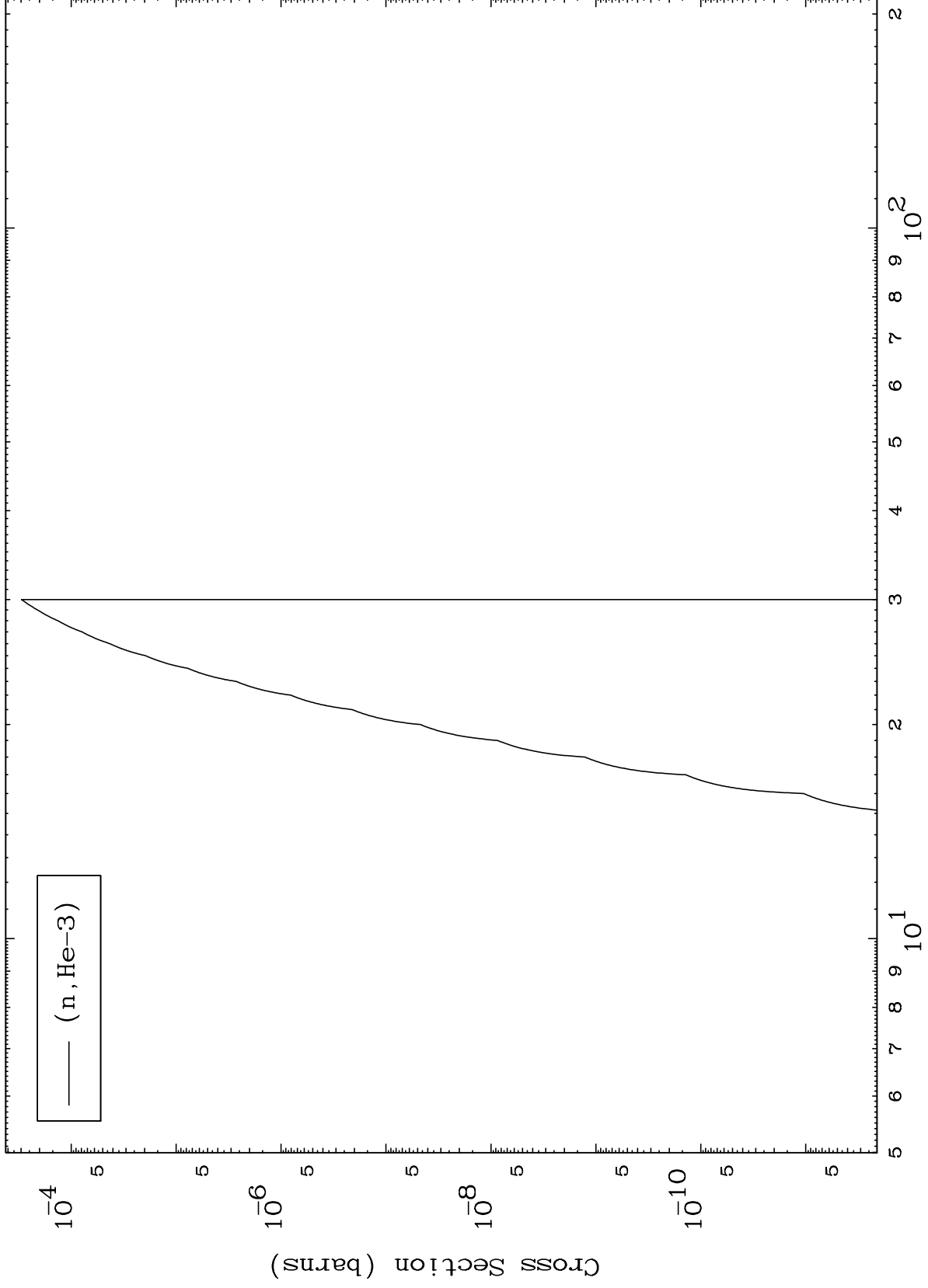
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-179



13

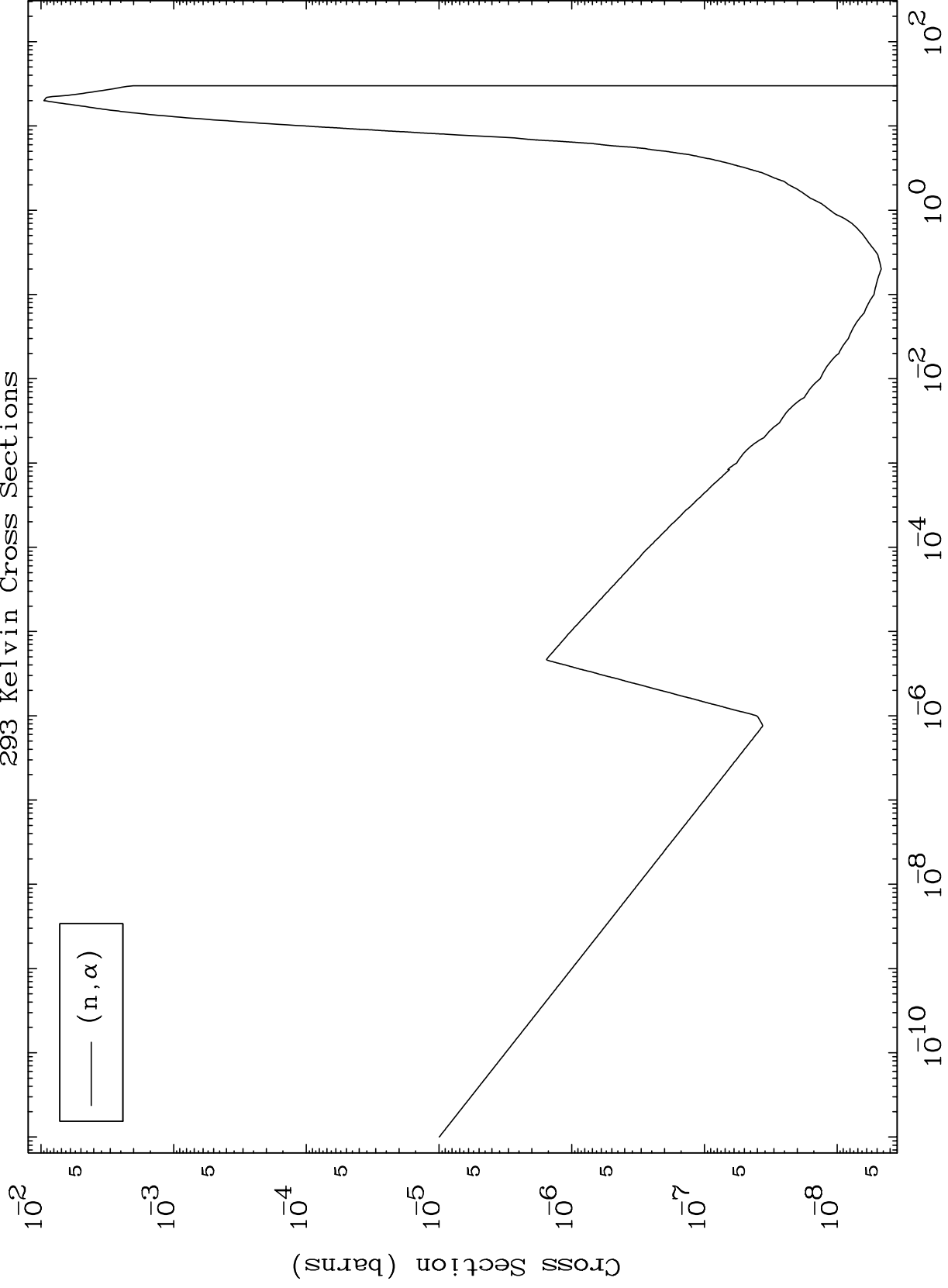
Incident Energy (MeV)

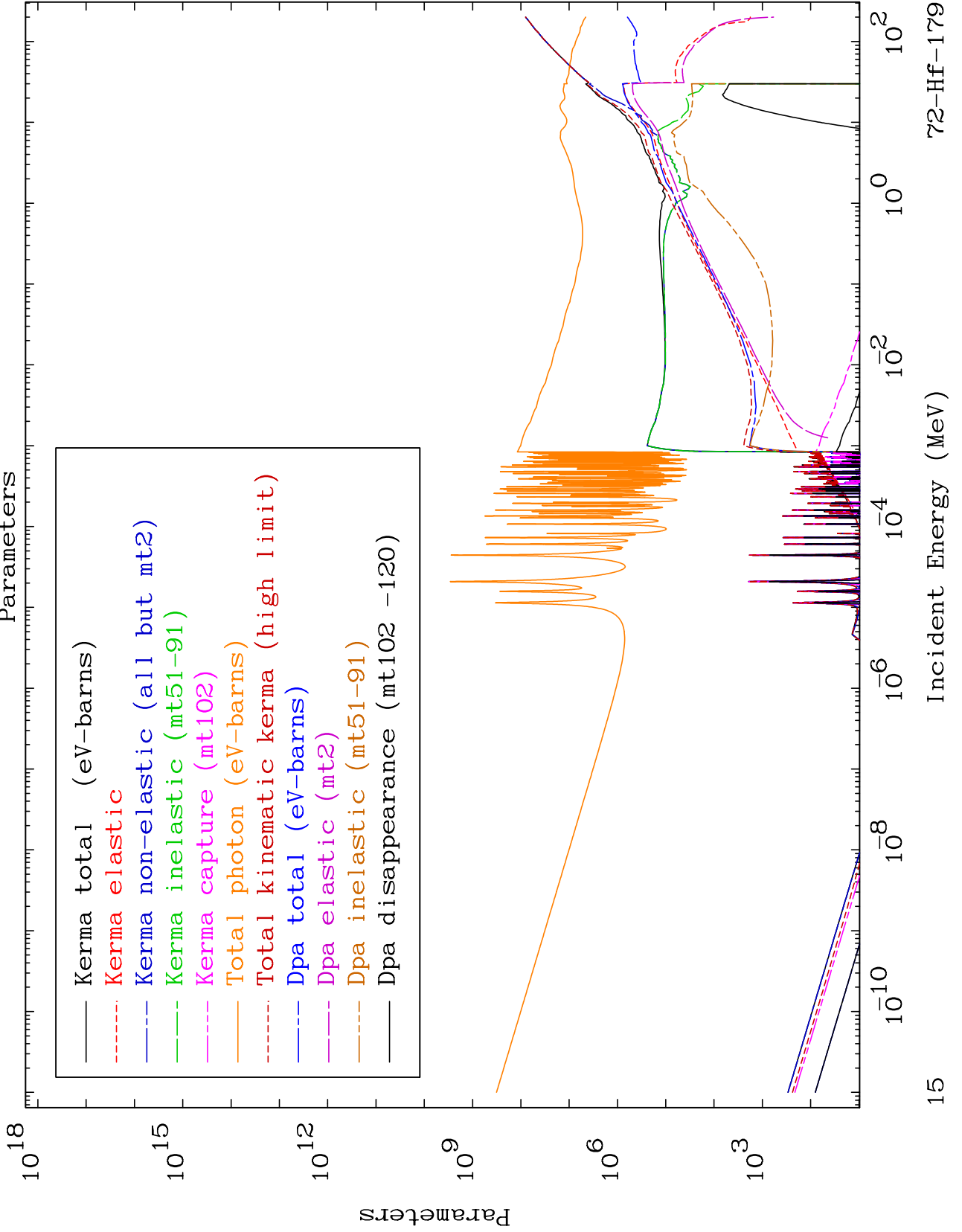
72-Hf-179

MAT 7242

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-179

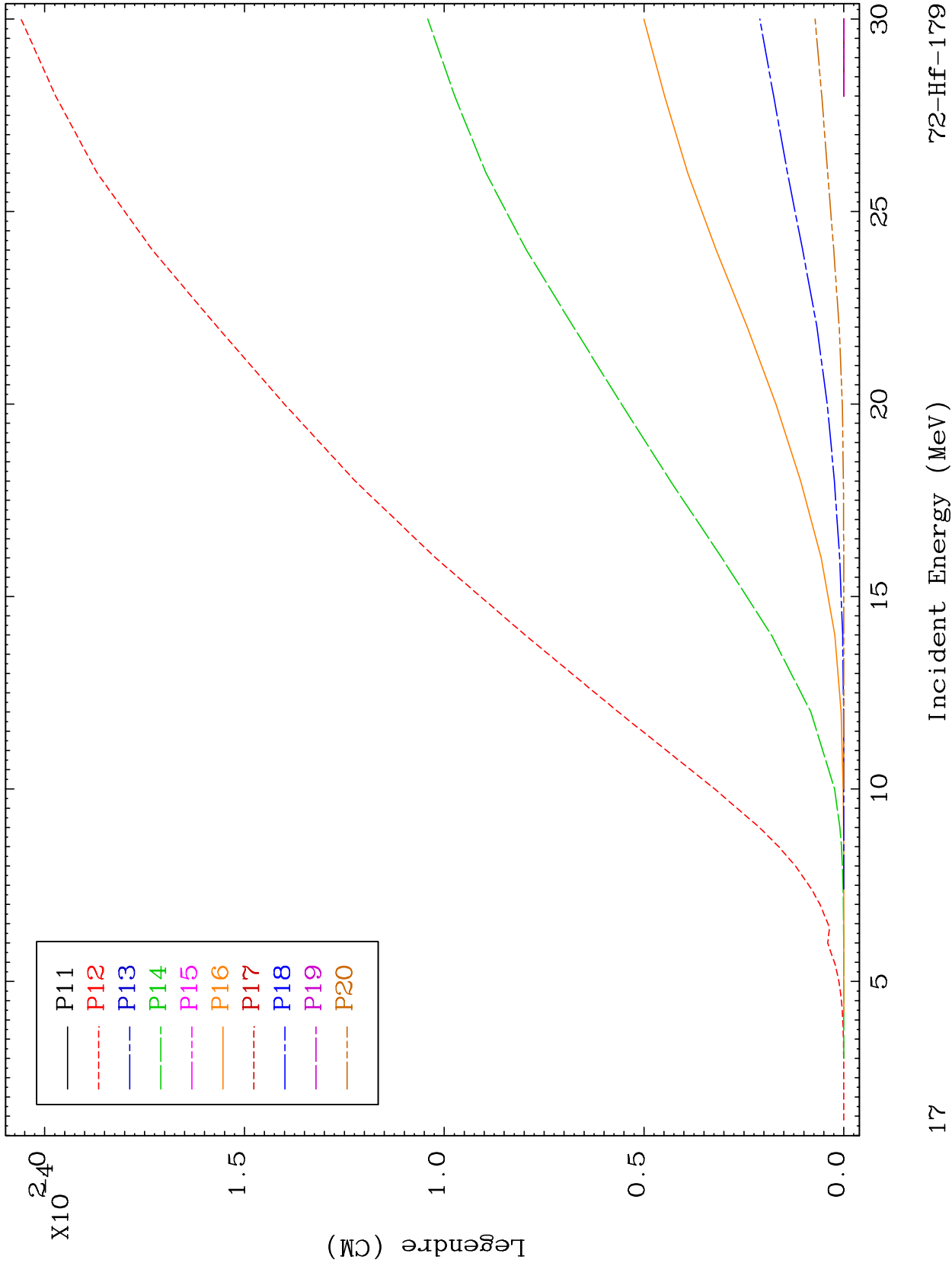




MAT 7242

Elastic Legendre Coefficients

72-Hf-179



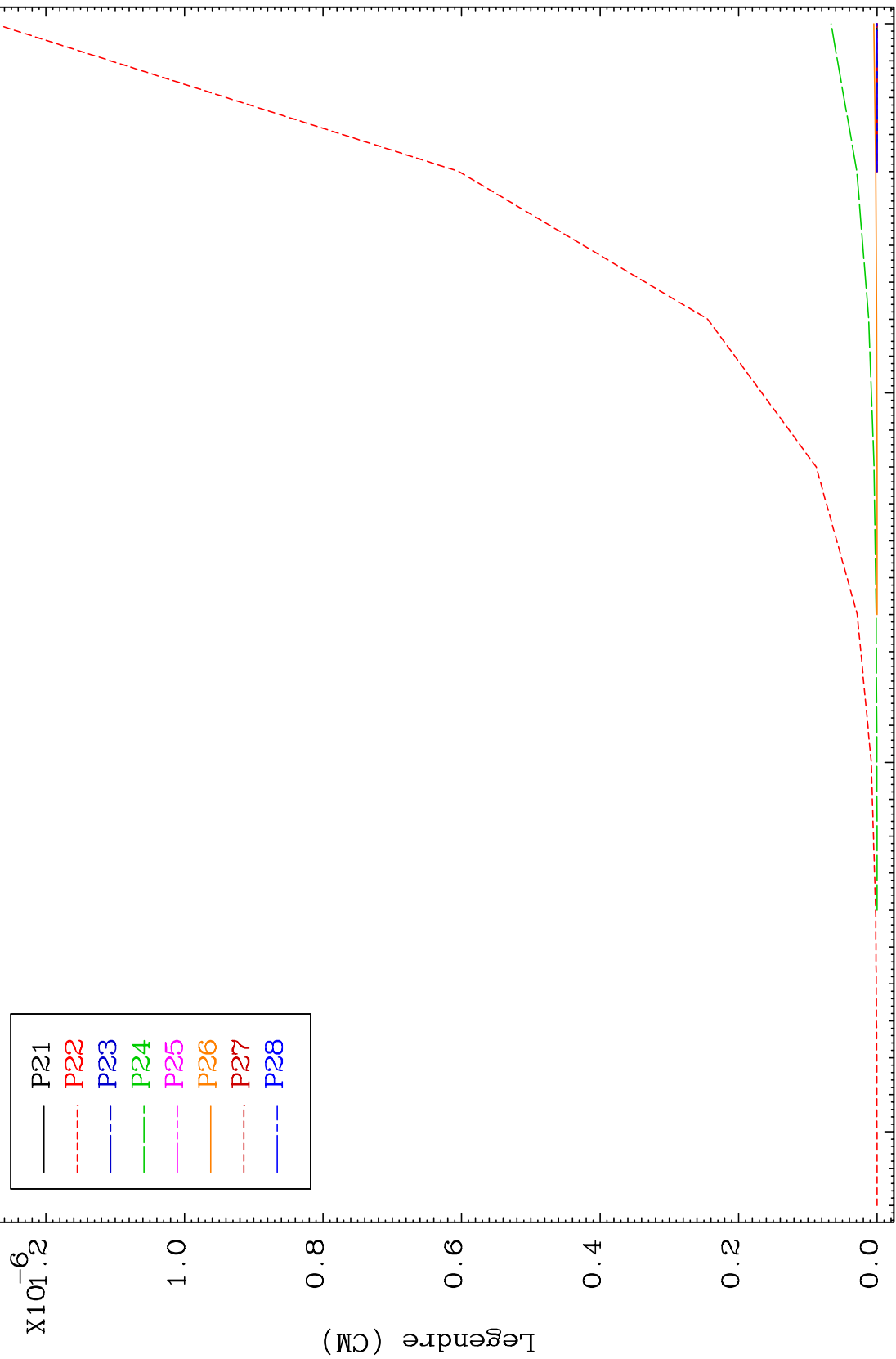
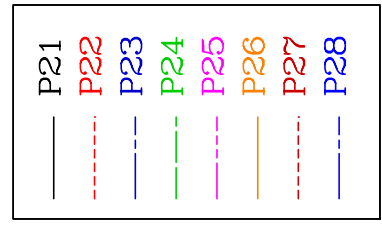
17

72-Hf-179

MAT 7242

Elastic Legendre Coefficients

72-Hf-179



18

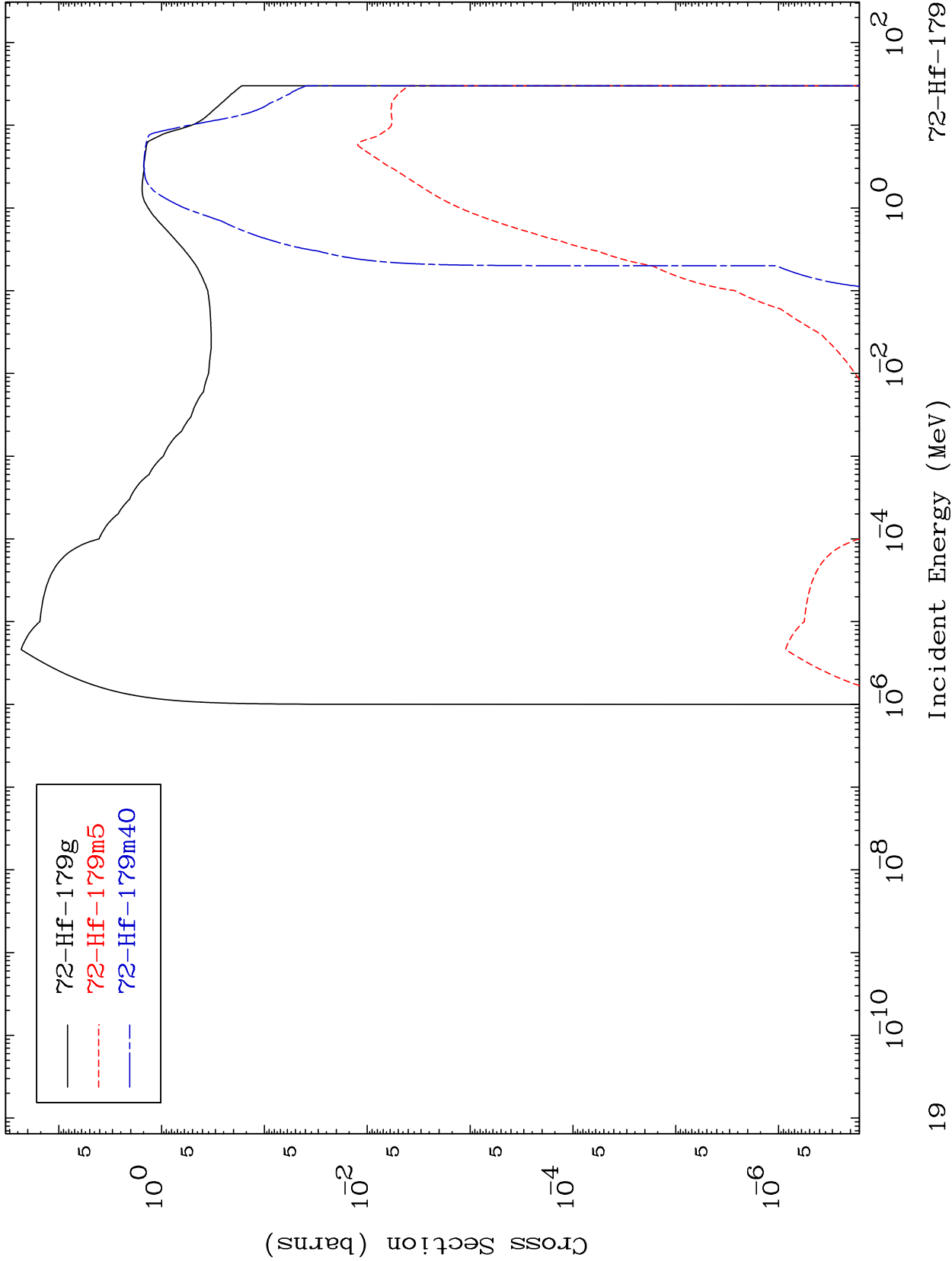
Incident Energy (MeV)

72-Hf-179

MAT 7242

Radionuclide Production Cross Section

72-Hf-179

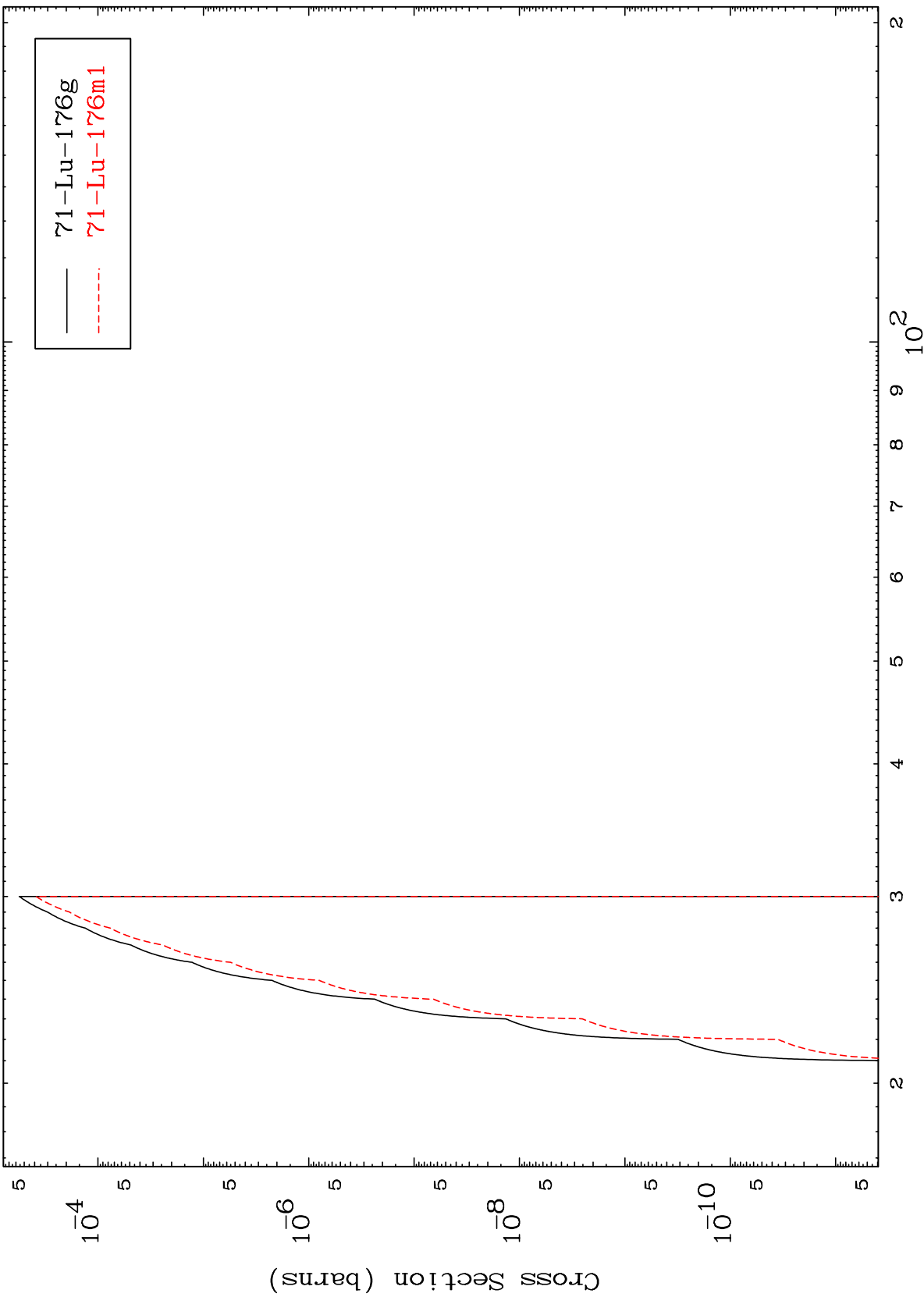


MAT 7242

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



20

Incident Energy (MeV)

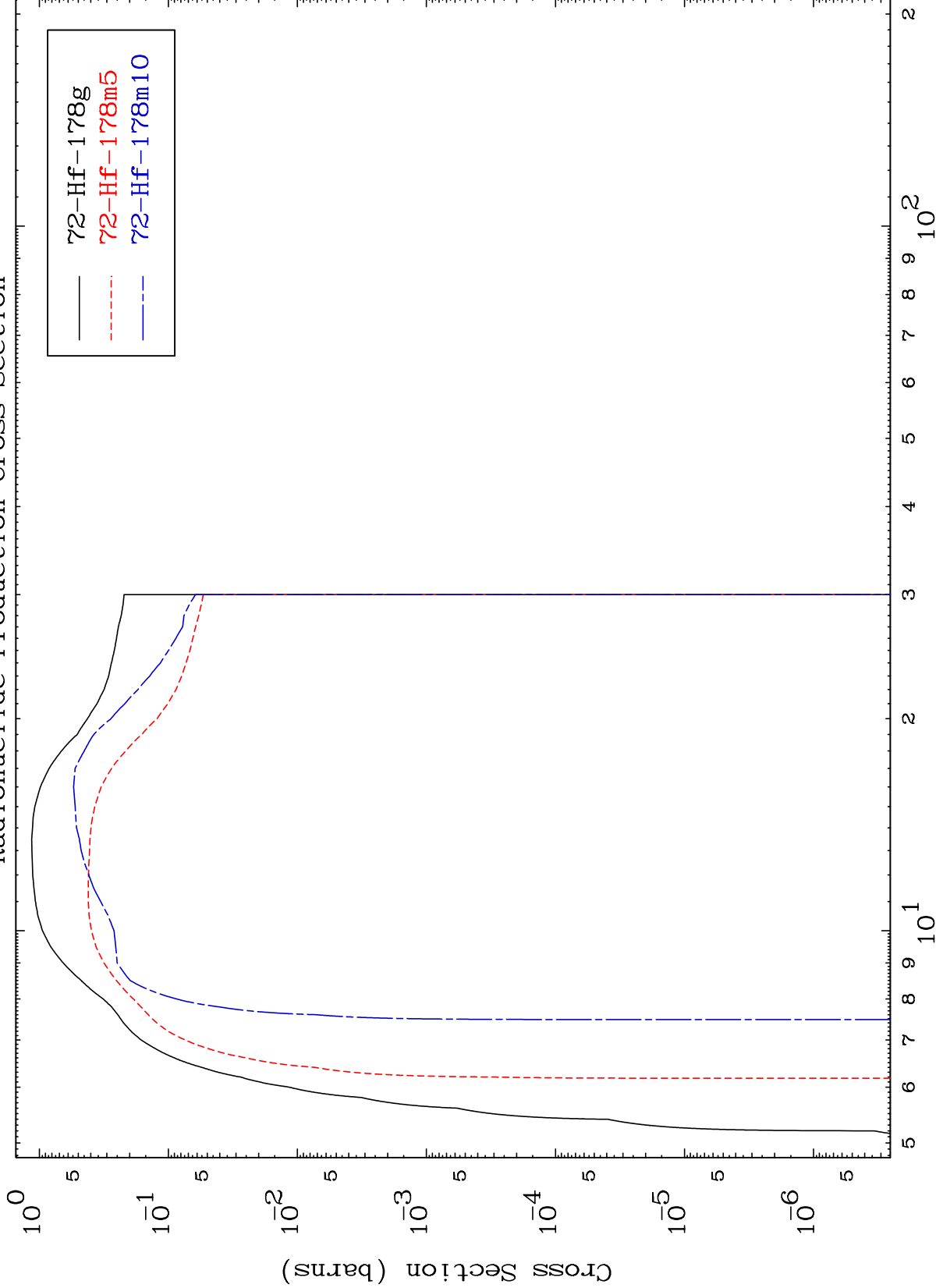
72-Hf-179

MAT 7242

(n,2n)

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

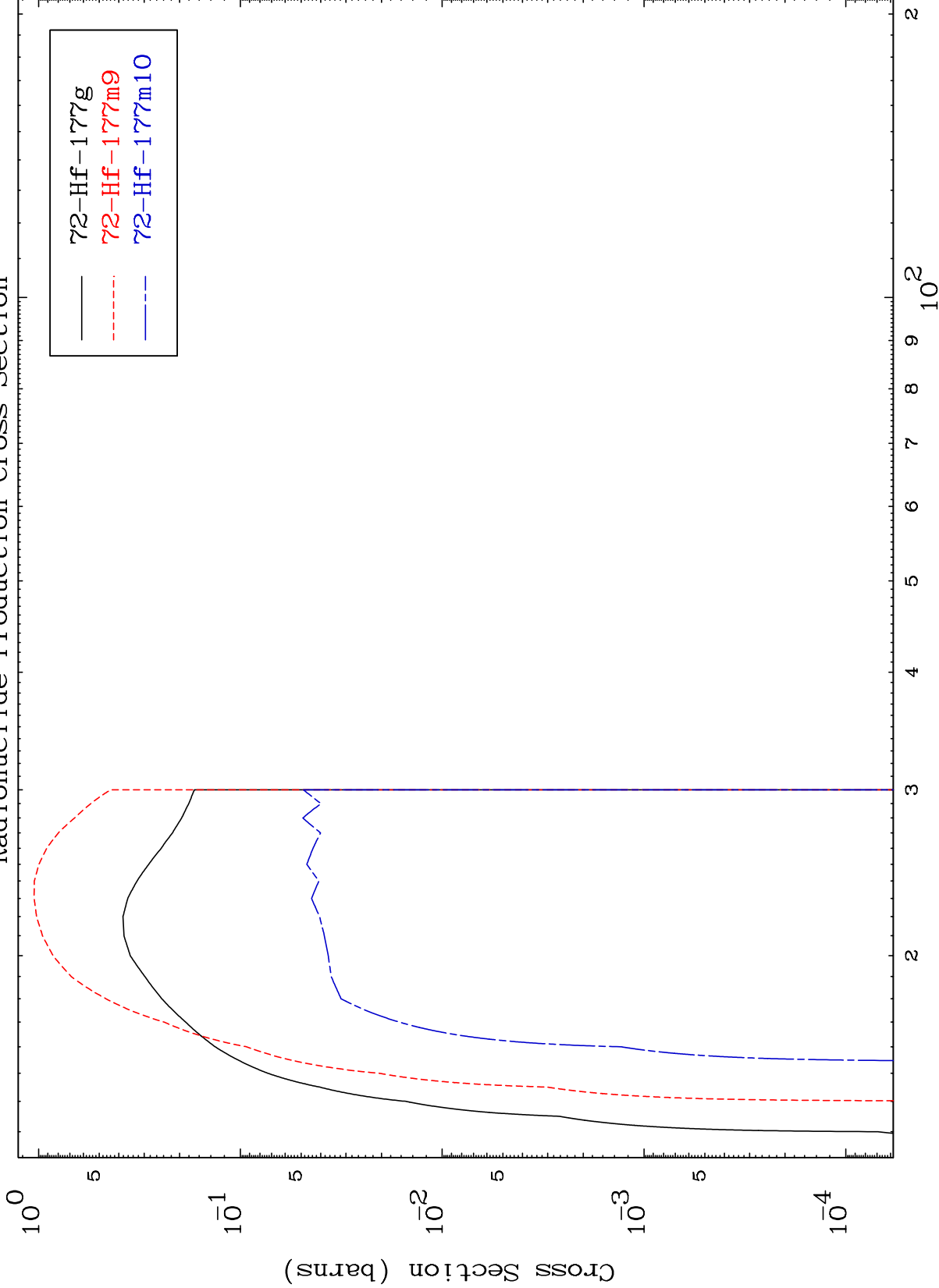
21

MAT 7242

(n,3n)

72-Hf-179

Radionuclide Production Cross Section



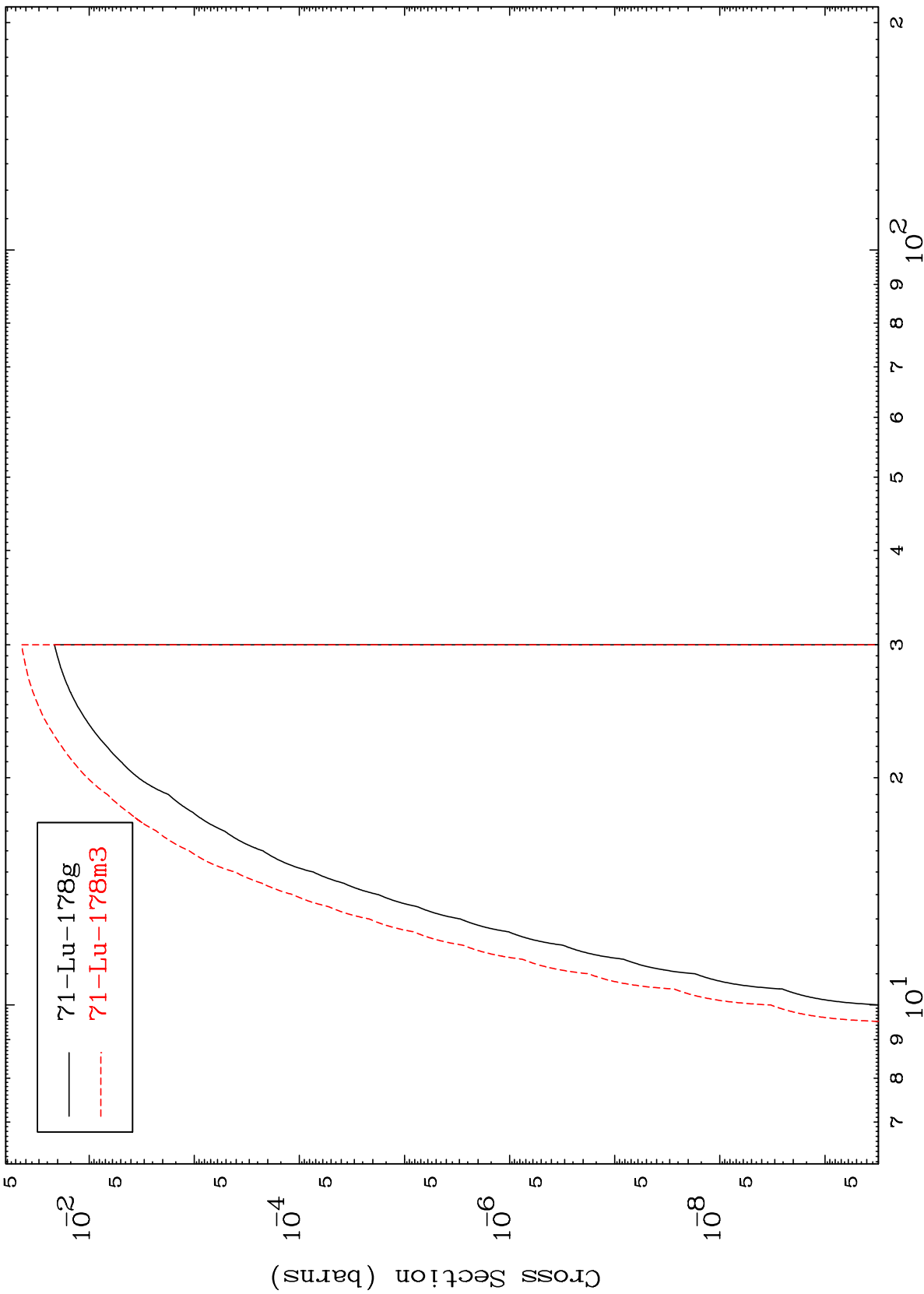
72-Hf-177g
72-Hf-177m9
72-Hf-177m10

MAT 7242

(n,n') p

72-Hf-179

Radionuclide Production Cross Section

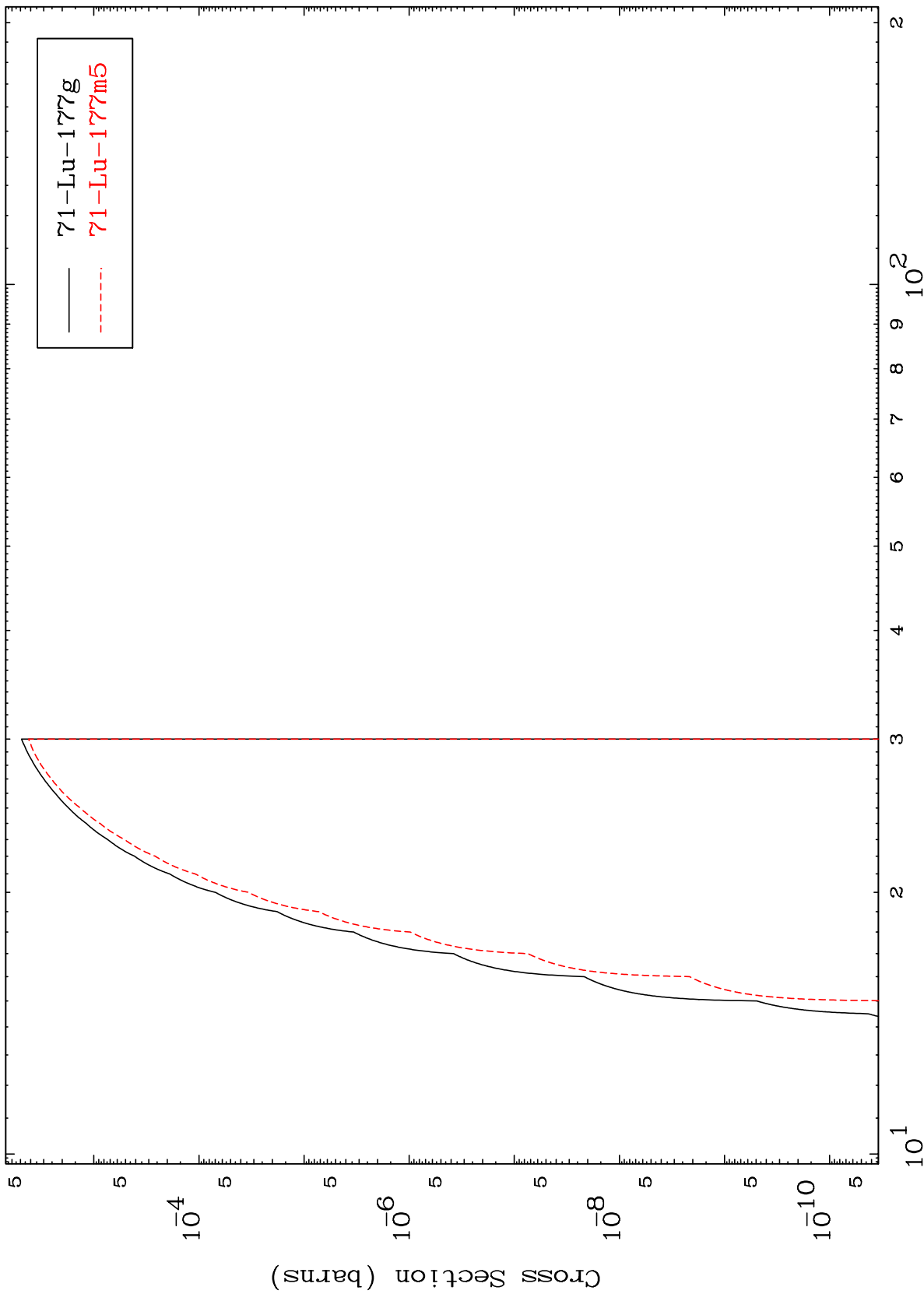


MAT 7242

(n,n') d

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

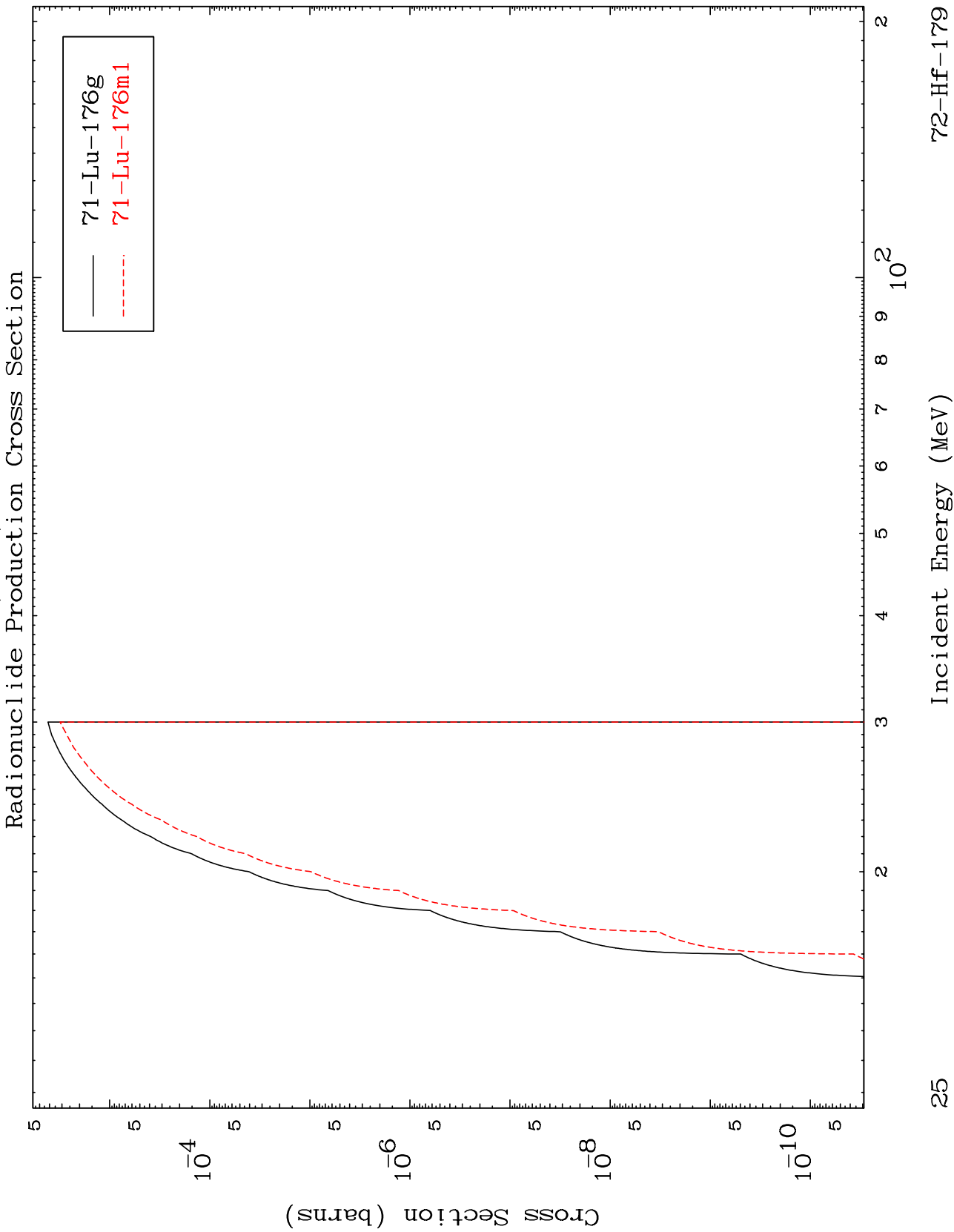
72-Hf-179

24

MAT 7242

(n,n') t

72-Hf-179



25

Incident Energy (MeV)

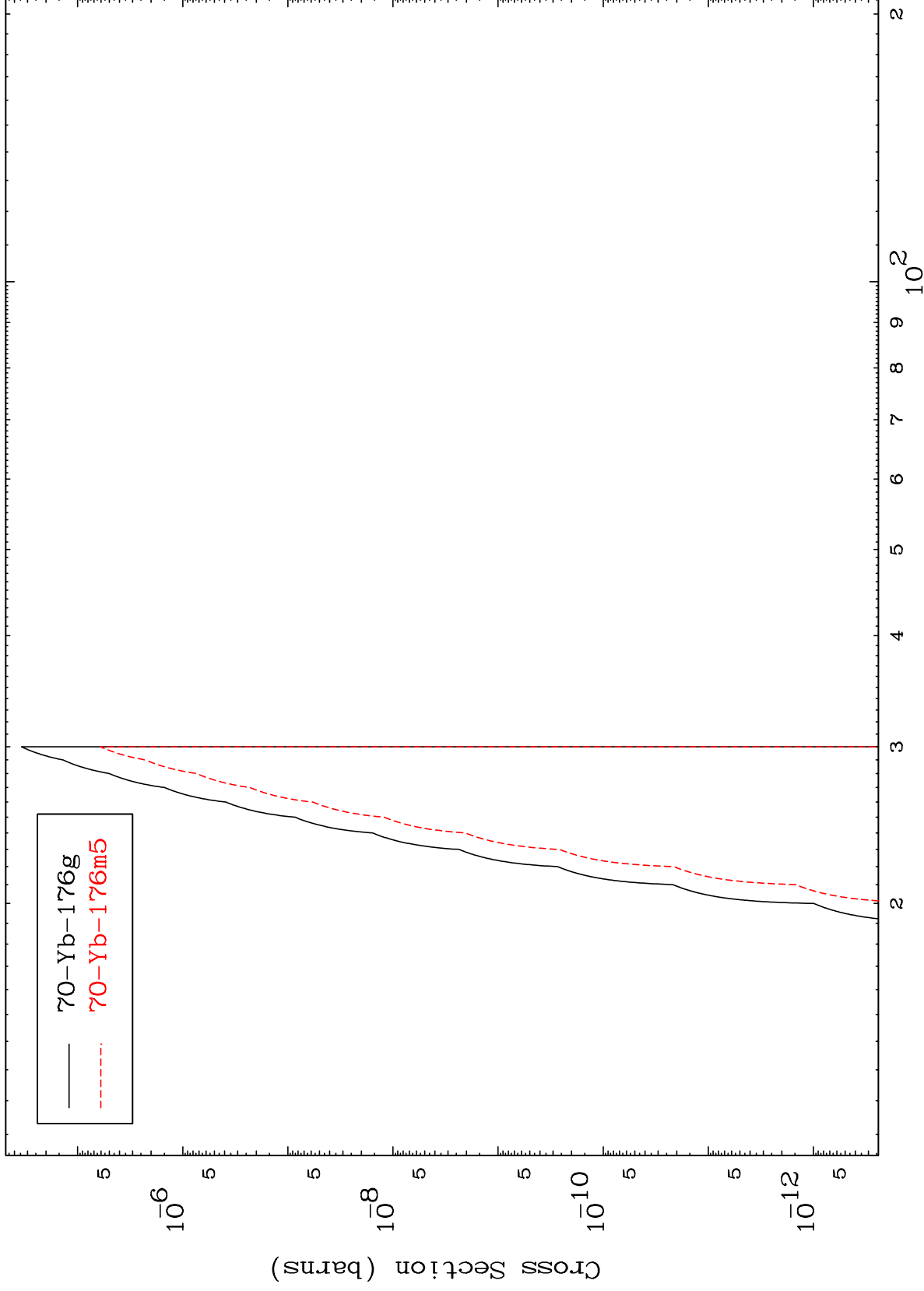
72-Hf-179

MAT 7242

(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section

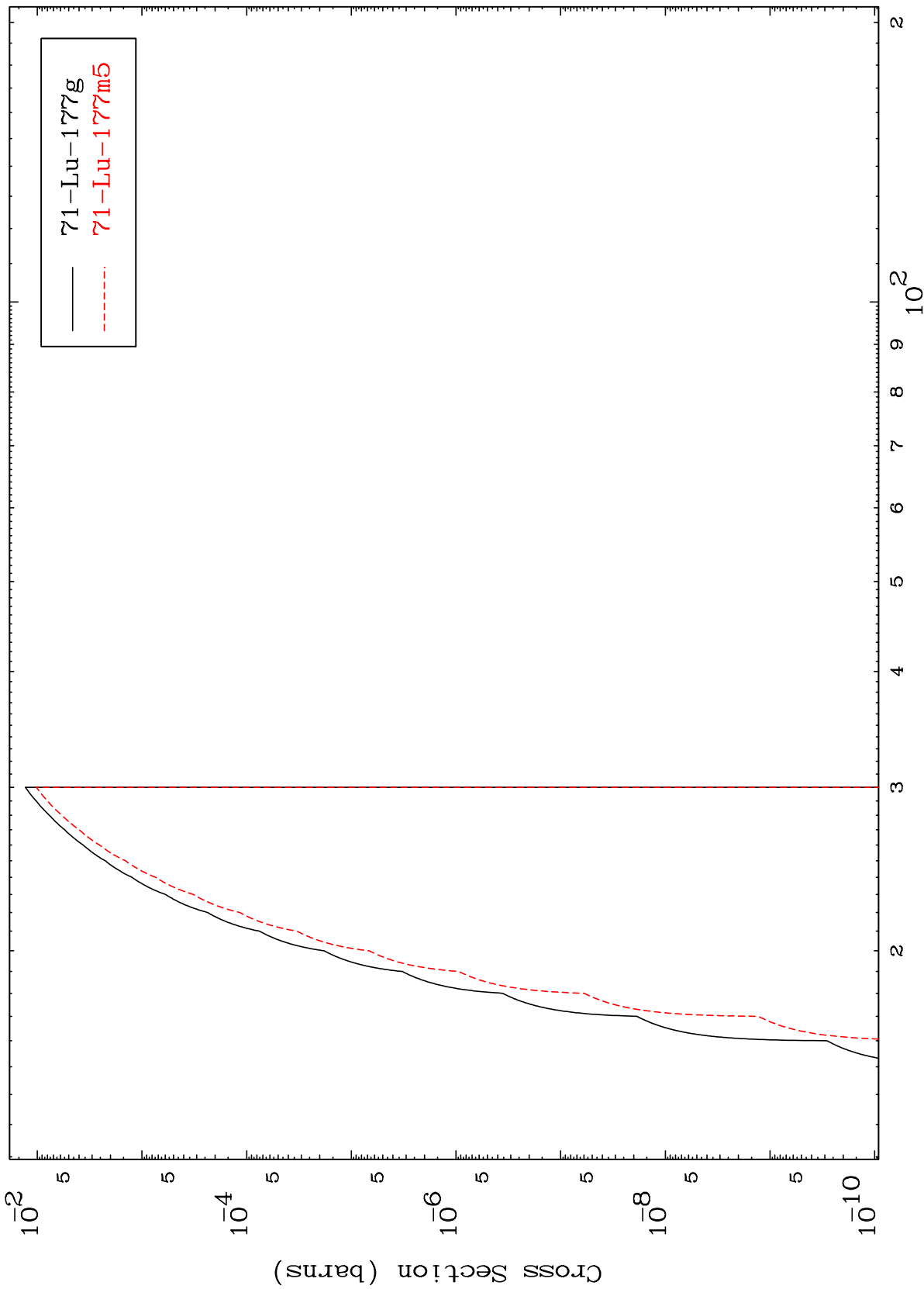


Incident Energy (MeV)

72-Hf-179

26

Radionuclide Production Cross Section



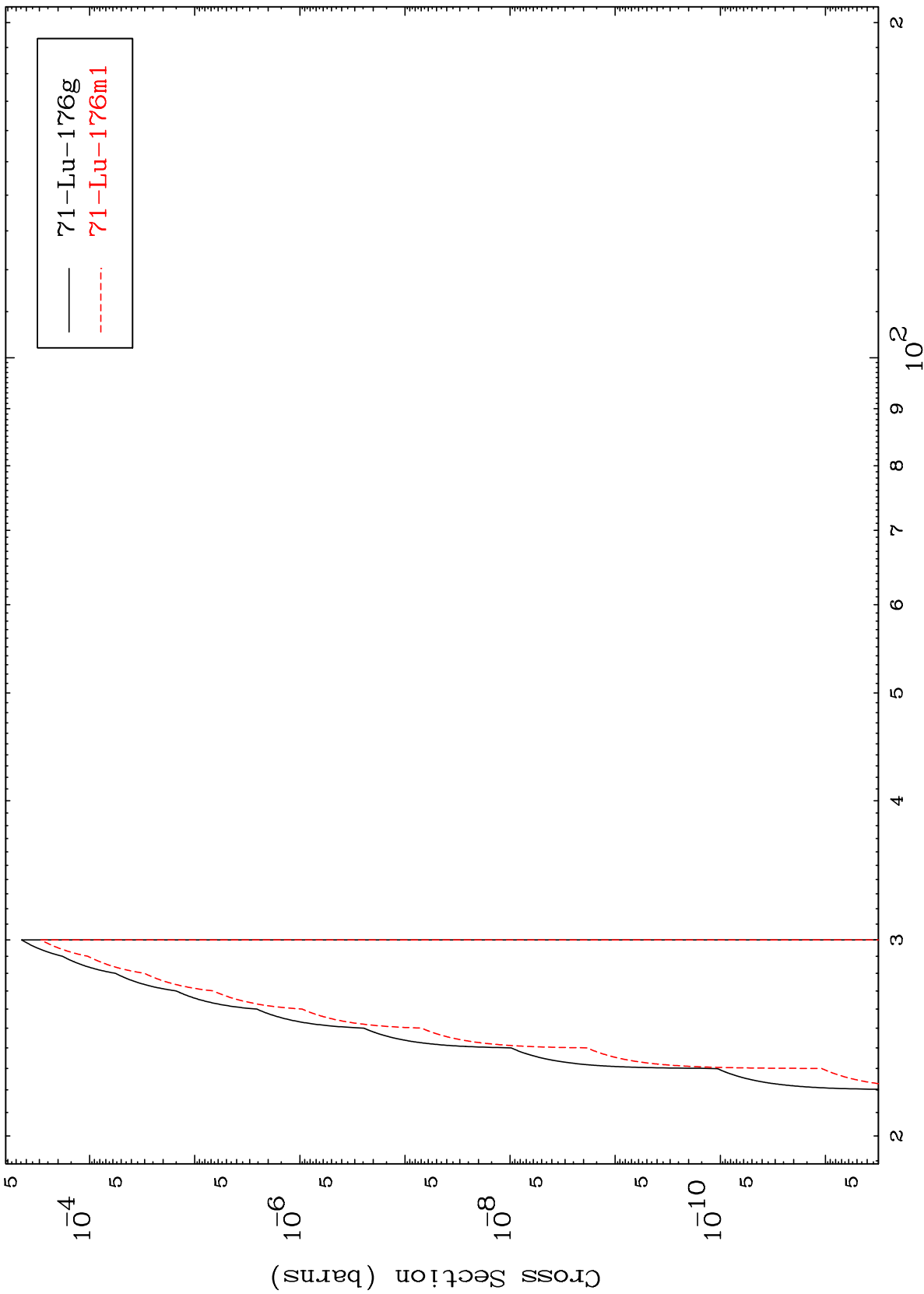
71-Lu-177g
71-Lu-177m5

MAT 7242

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



28

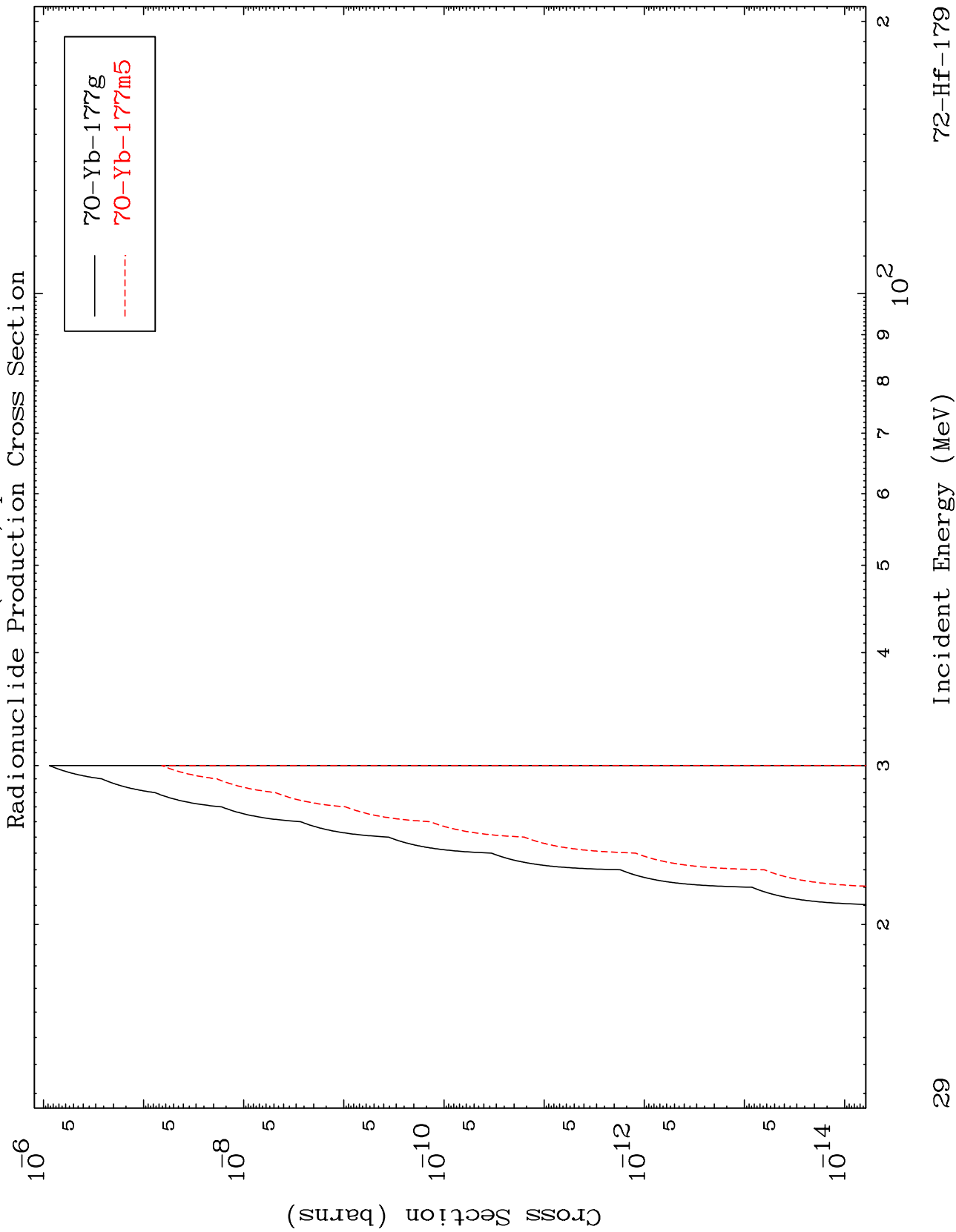
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,2n) p

72-Hf-179



29

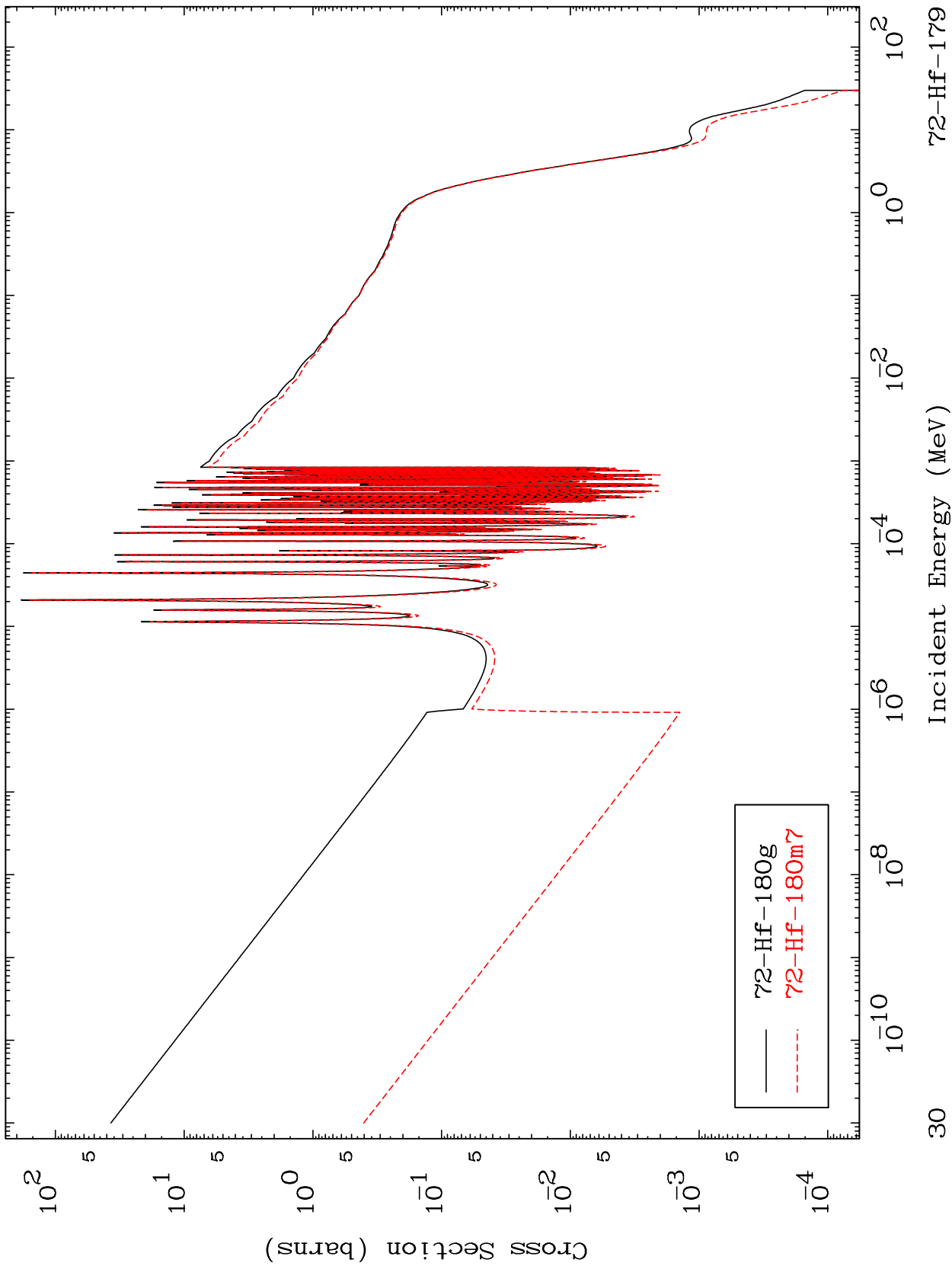
Incident Energy (MeV)

72-Hf-179

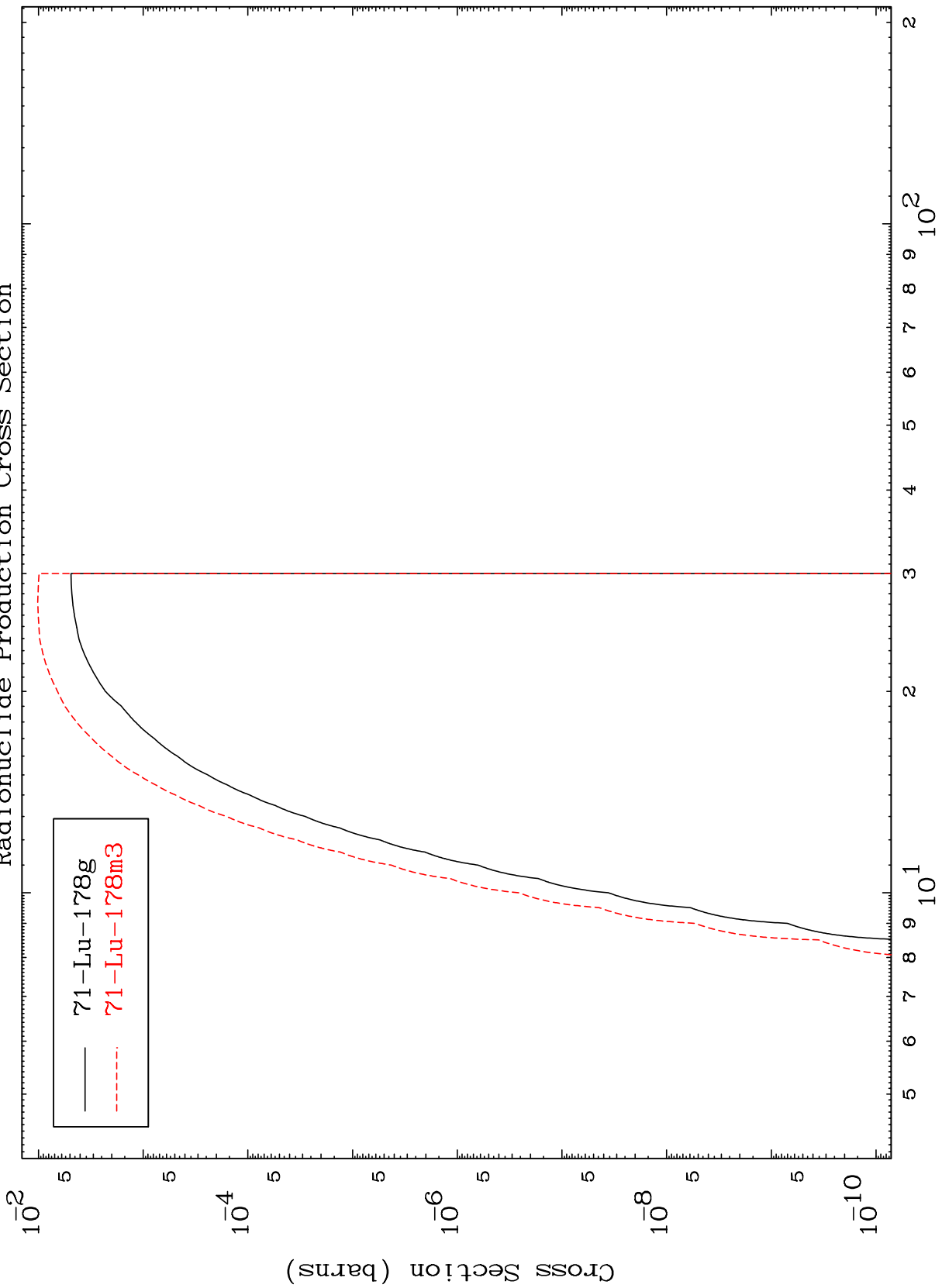
MAT 7242

72-Hf-179

Radionuclide Production Cross Section
(n, γ)



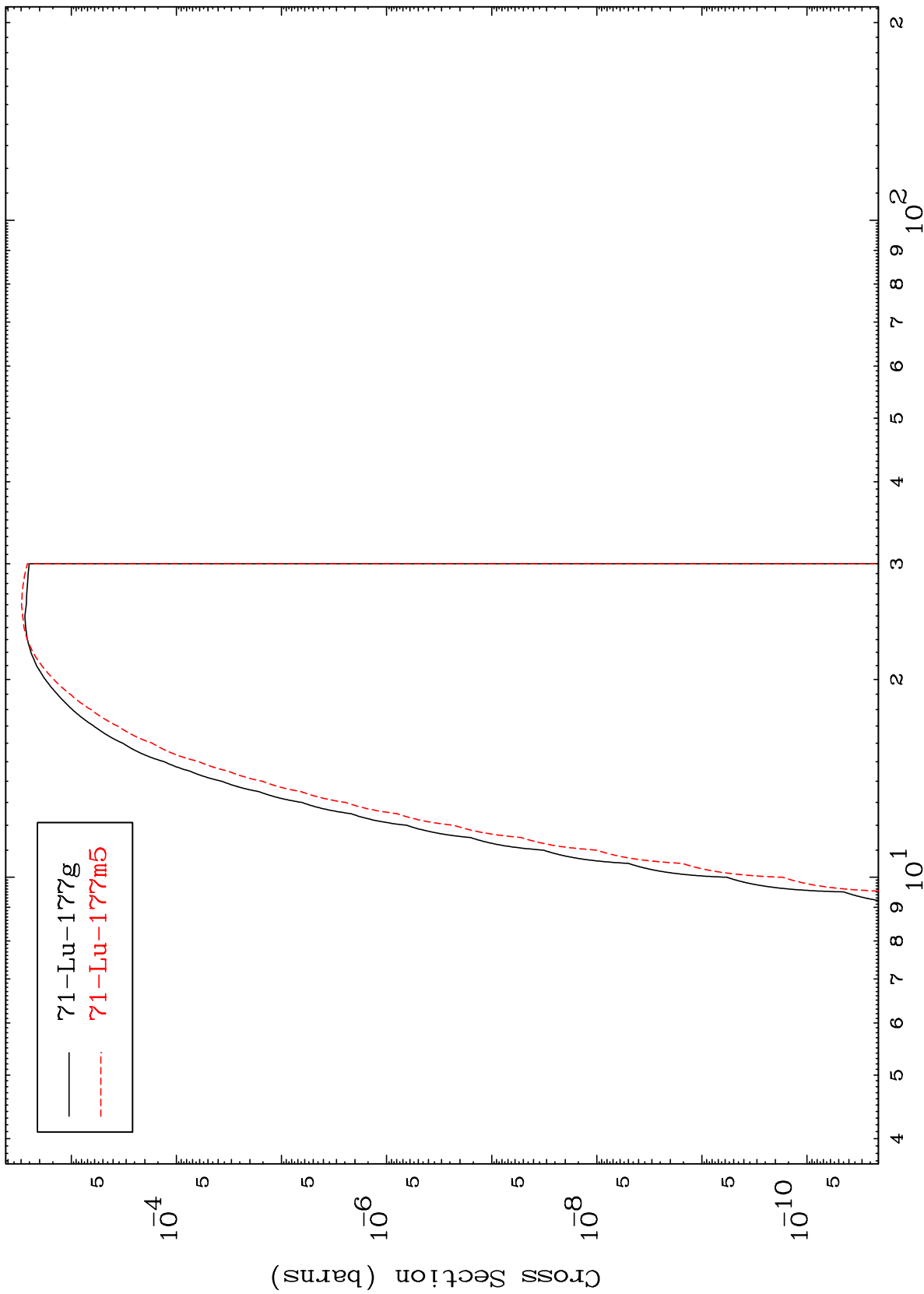
(n,d)
Radionuclide Production Cross Section



MAT 7242

72-Hf-179

Radionuclide Production Cross Section (n, t)



Incident Energy (MeV)

72-Hf-179

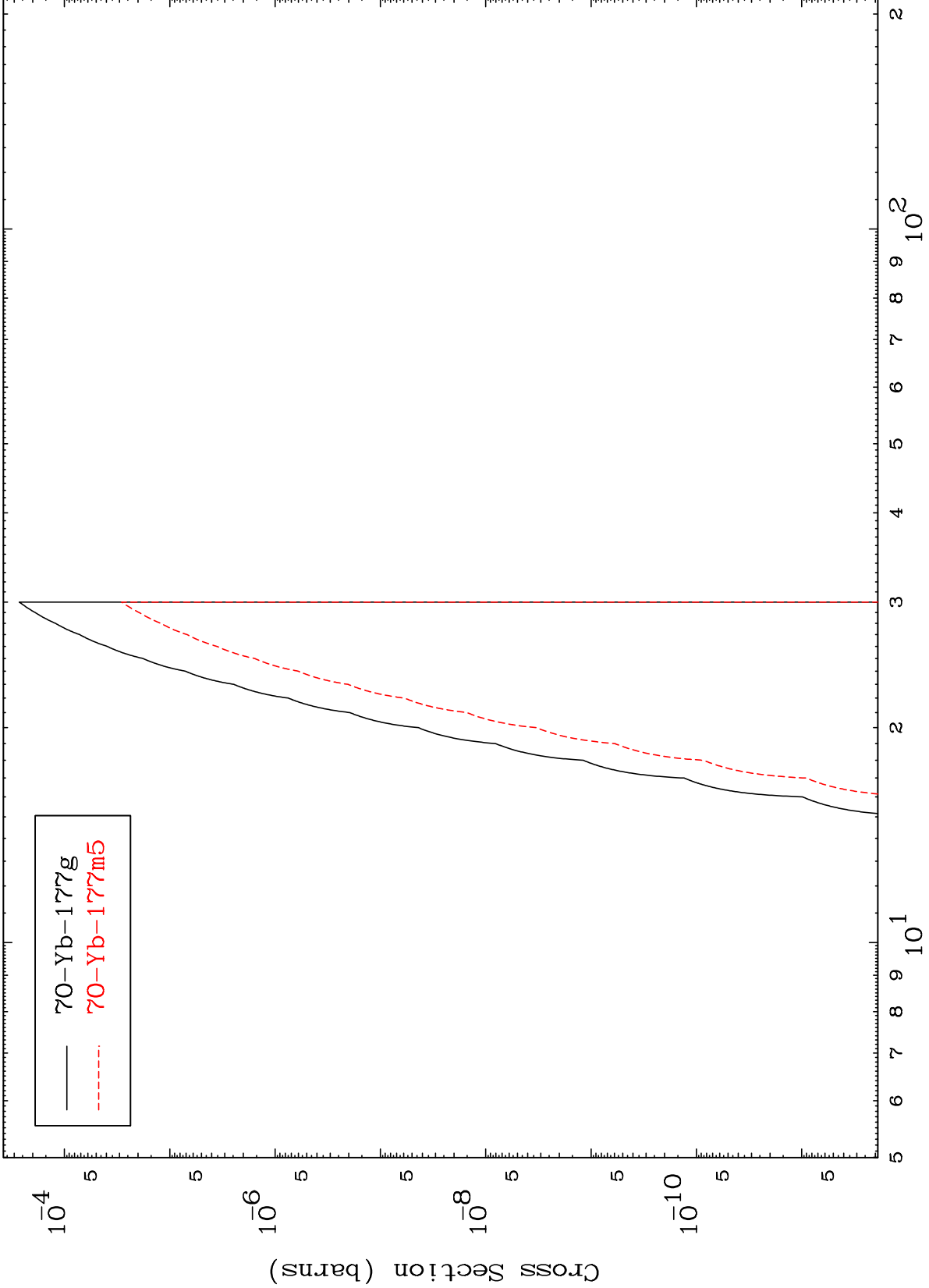
32

MAT 7242

(n,He-3)

72-Hf-179

Radionuclide Production Cross Section

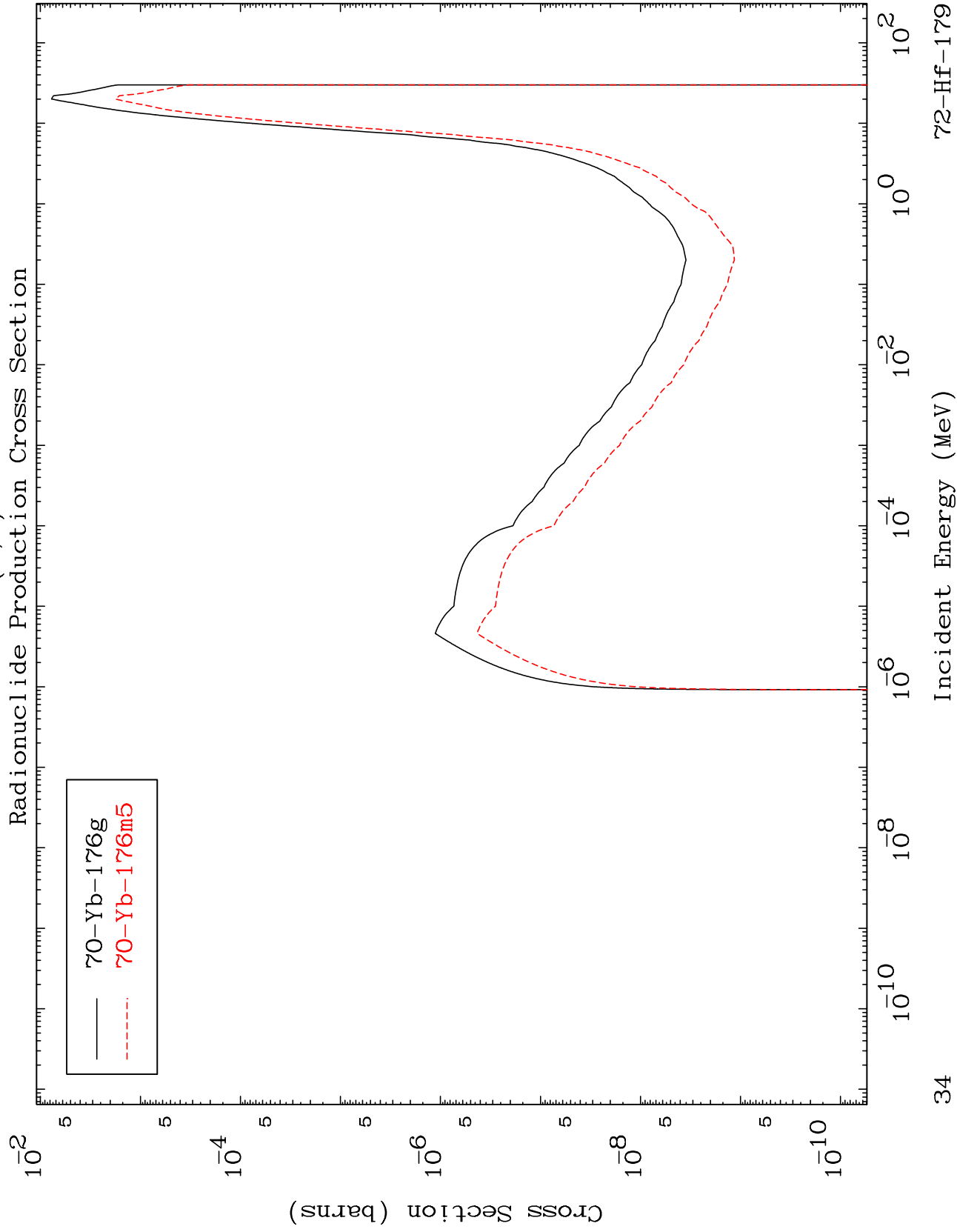


MAT 7242

(n, α)

72-Hf-179

Radionuclide Production Cross Section

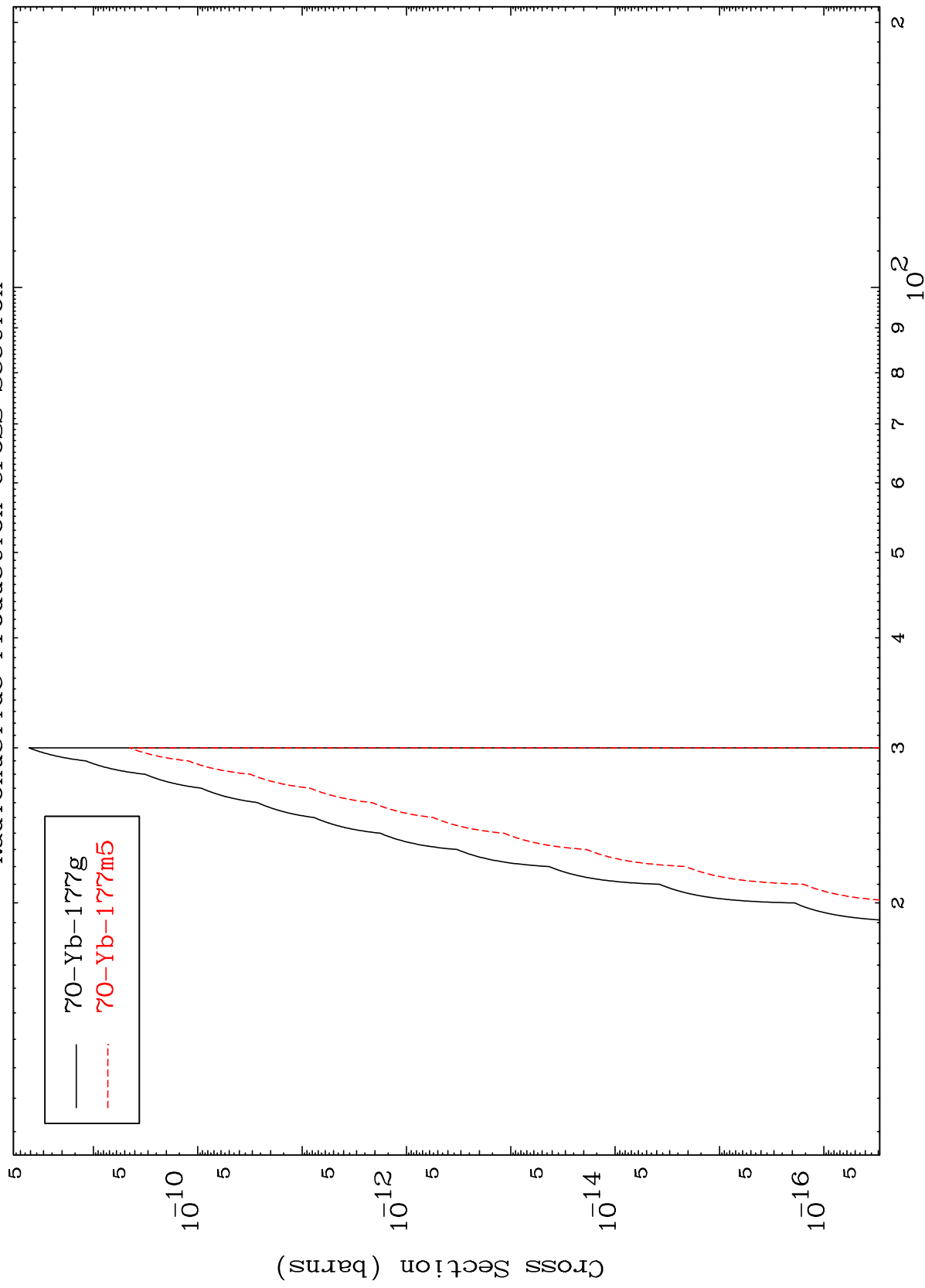


MAT 7242

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



35

Incident Energy (MeV)

72-Hf-179