

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

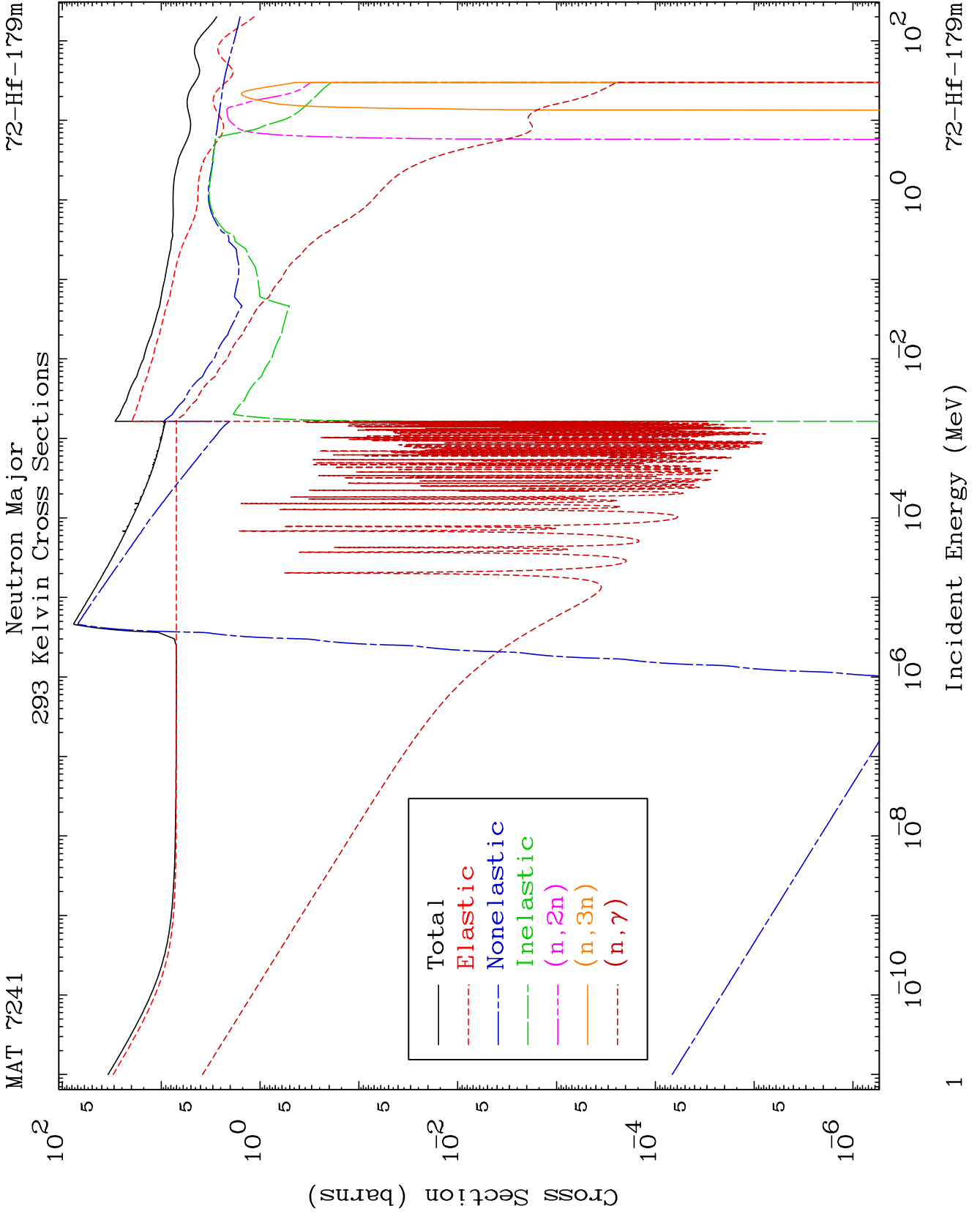
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

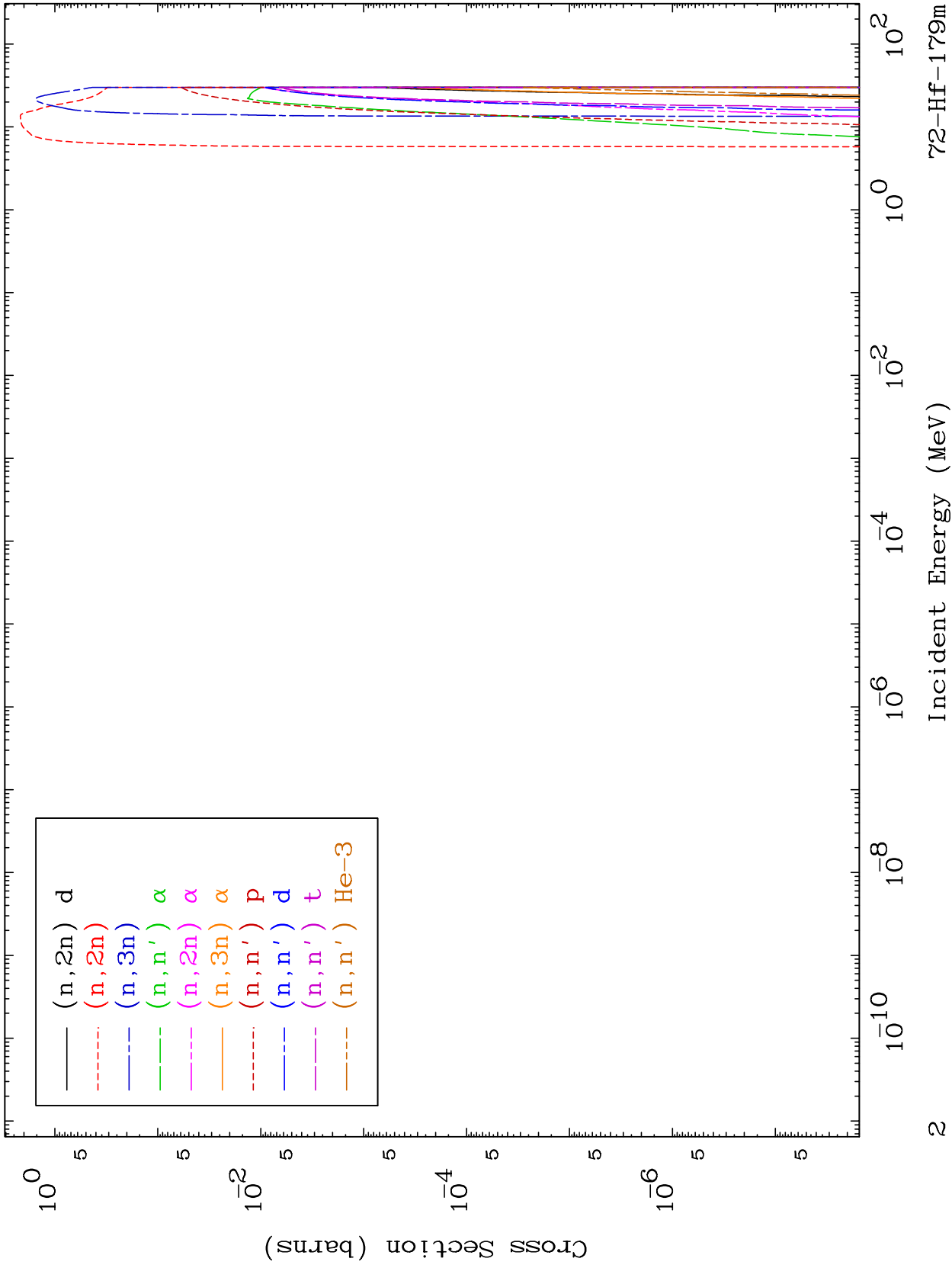
Press Mouse Button to Start



MAT 7241

Neutron Absorption
293 Kelvin Cross Sections

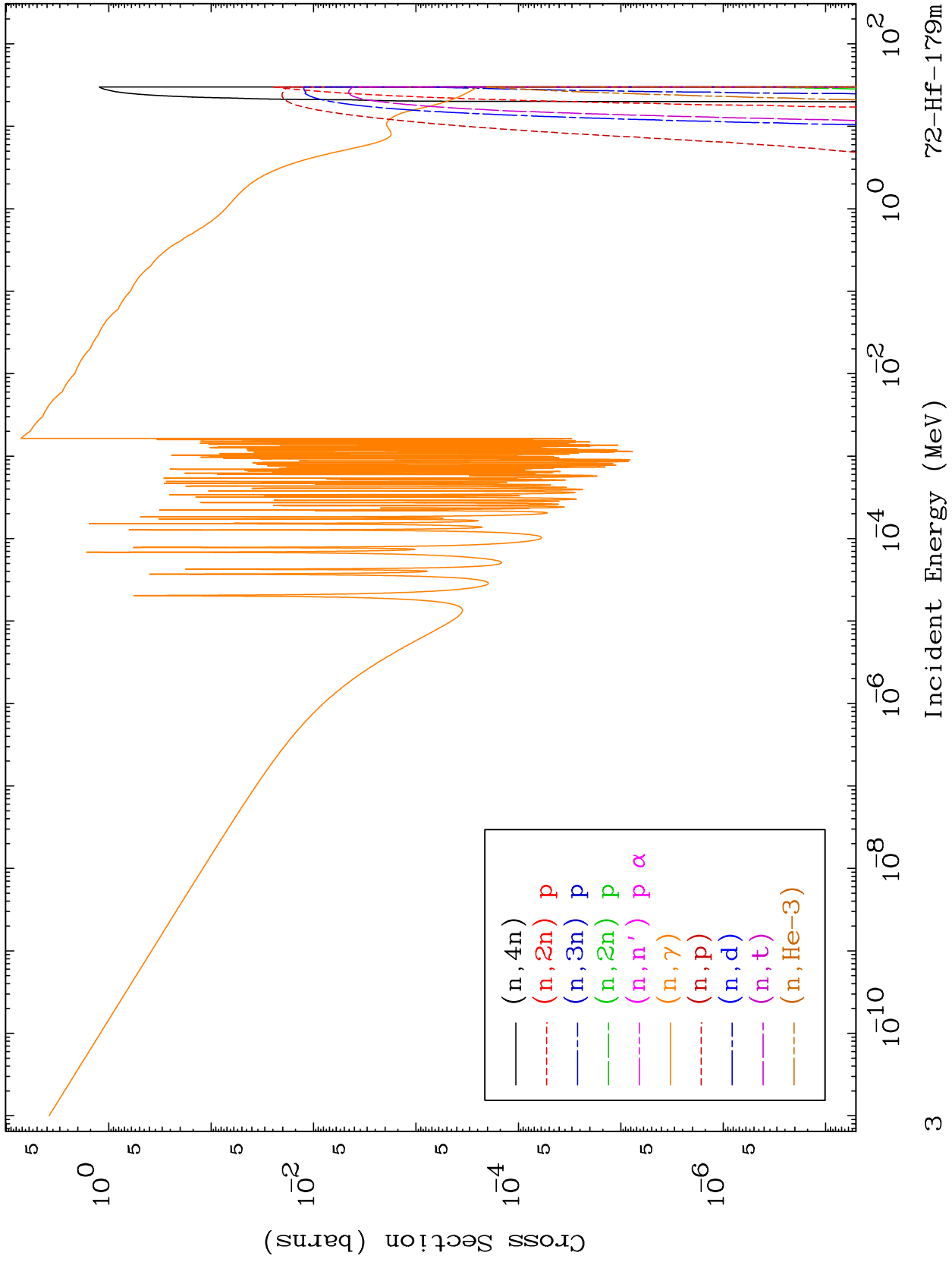
72-Hf-179m



MAT 7241

Neutron Absorption
293 Kelvin Cross Sections

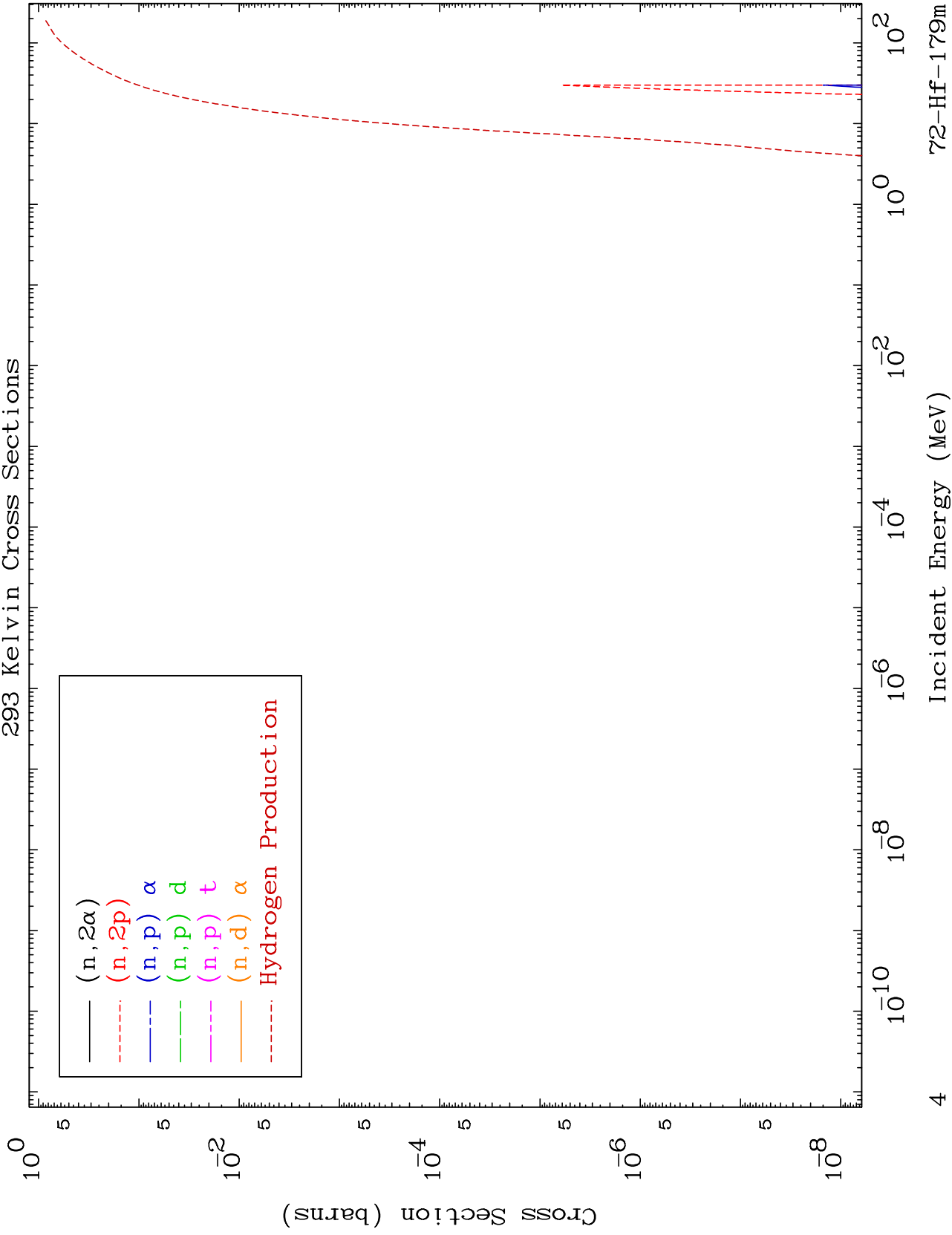
72-Hf-179m



MAT 7241

Neutron Absorption
293 Kelvin Cross Sections

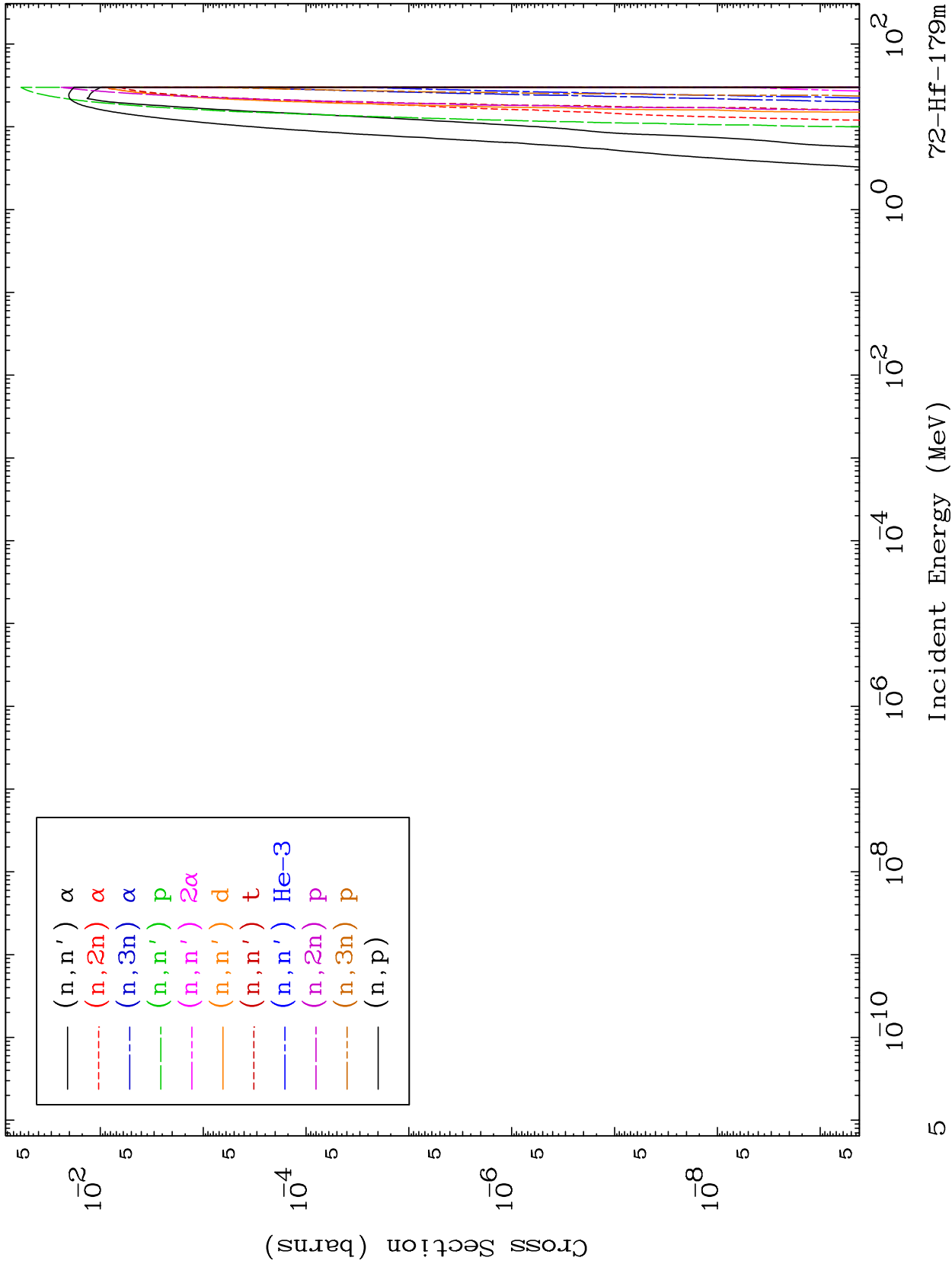
72-Hf-179m



MAT 7241

Charged Particle
293 Kelvin Cross Sections

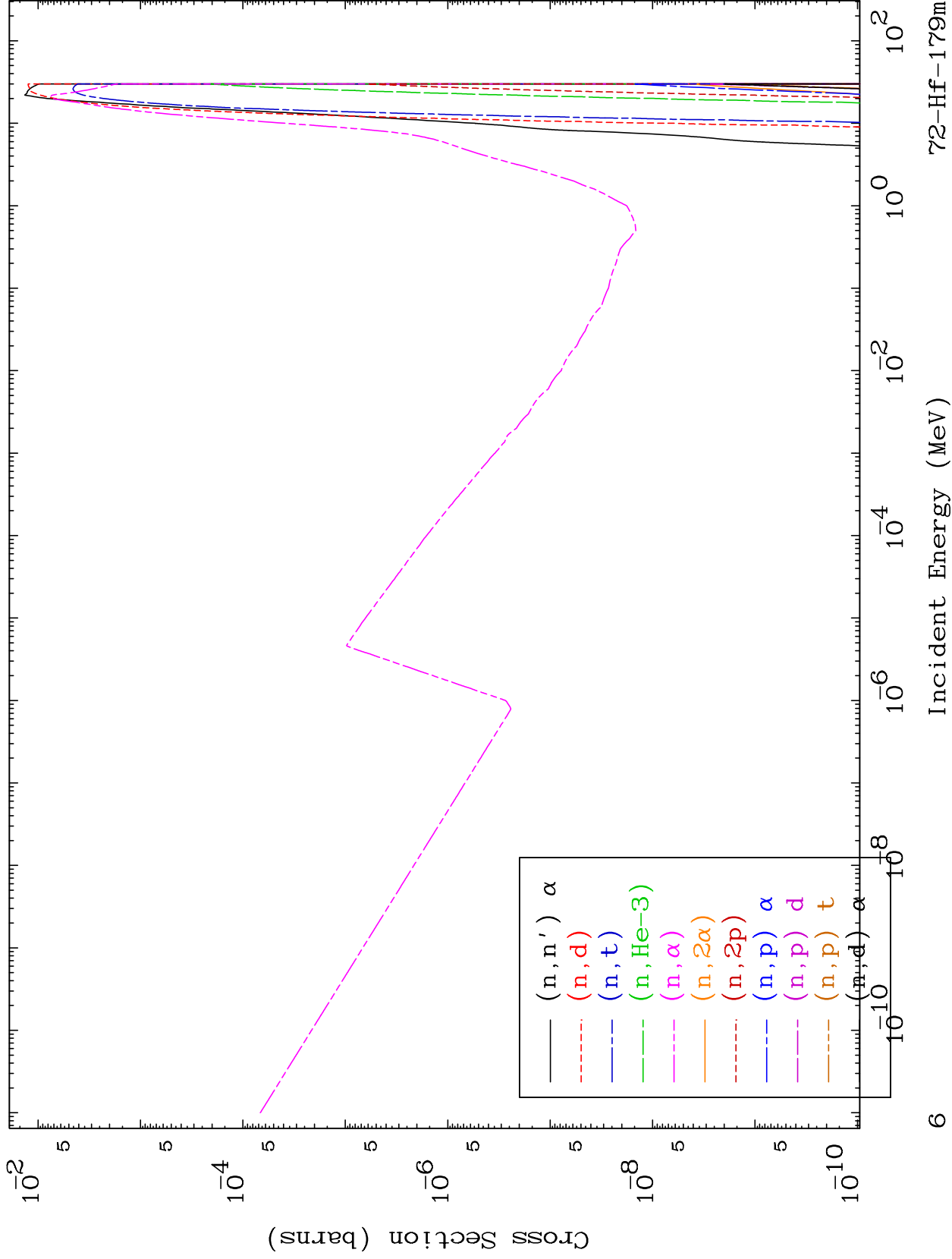
72-Hf-179m

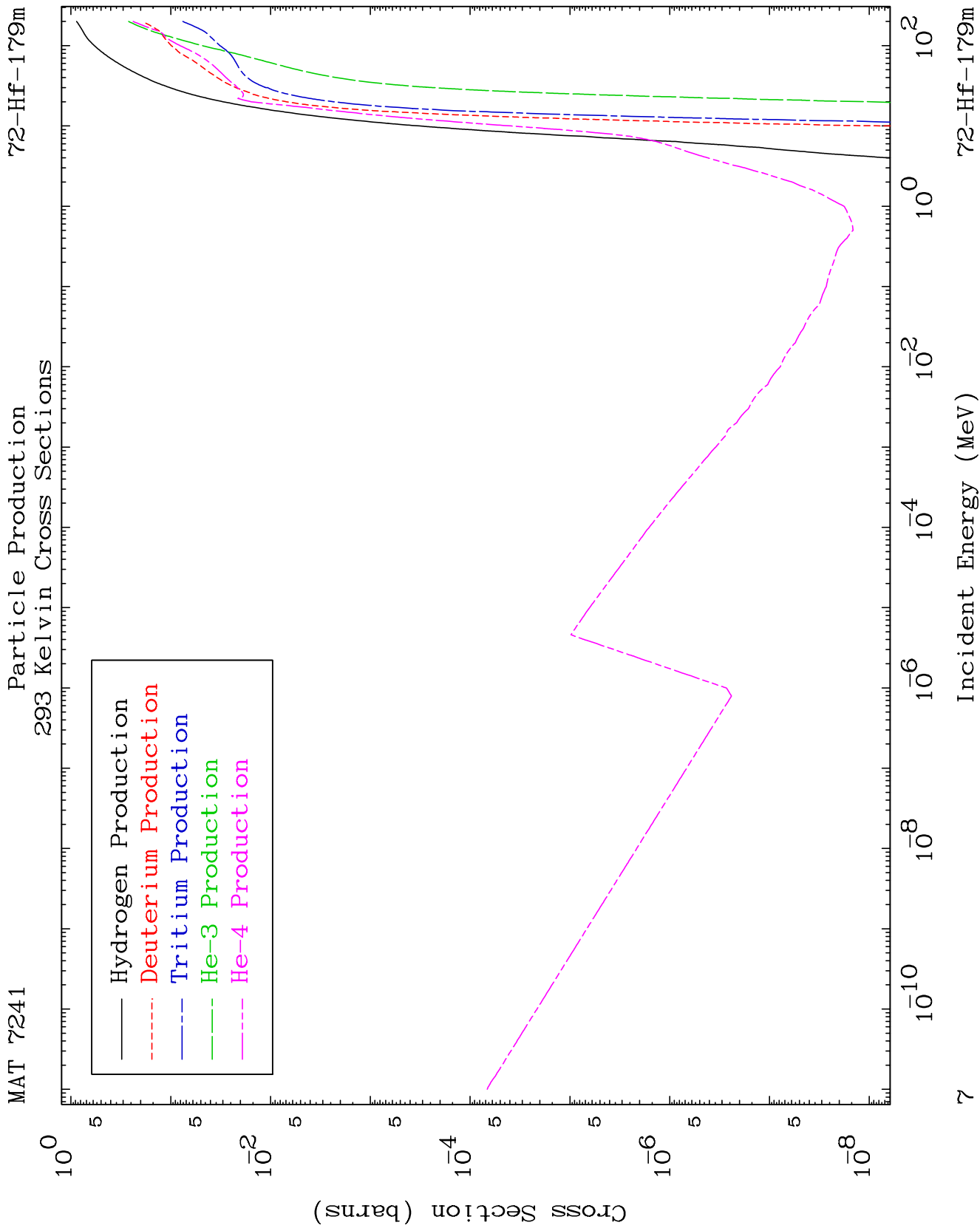


MAT 7241

Charged Particle
293 Kelvin Cross Sections

72-Hf-179m

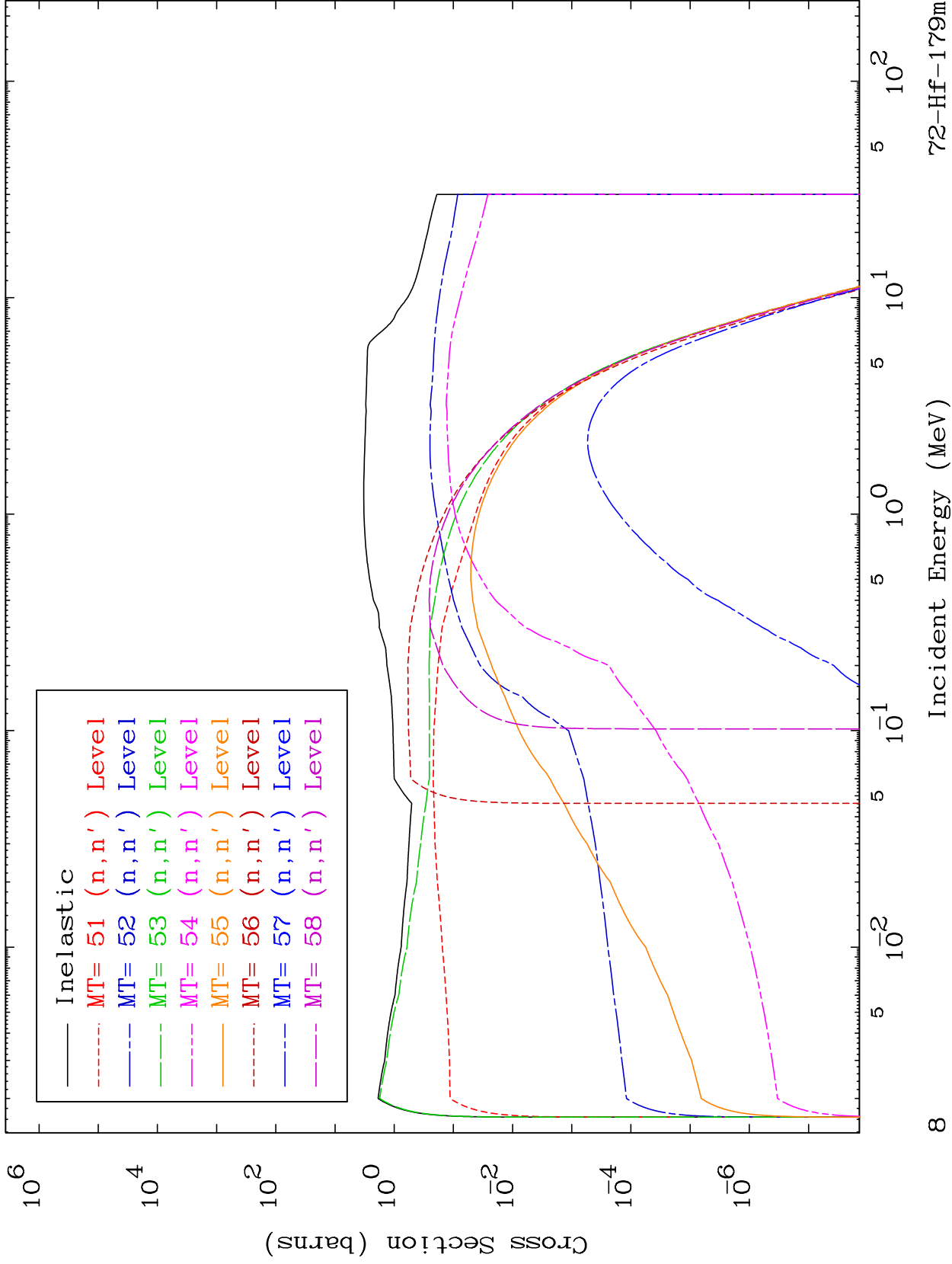




MAT 7241

(n,n') Levels
293 Kelvin Cross Sections

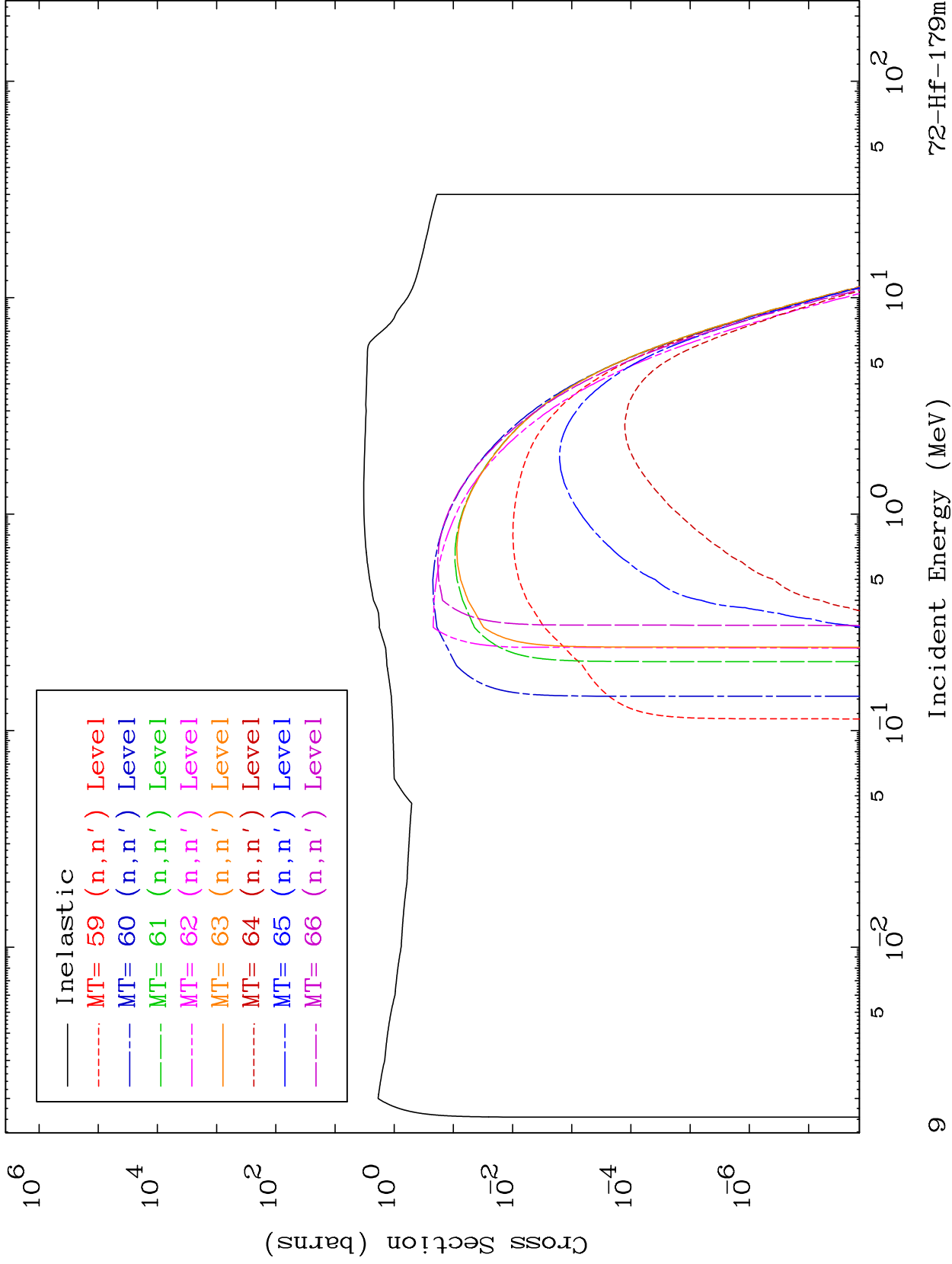
72-Hf-179m



MAT 7241

(n,n') Levels
293 Kelvin Cross Sections

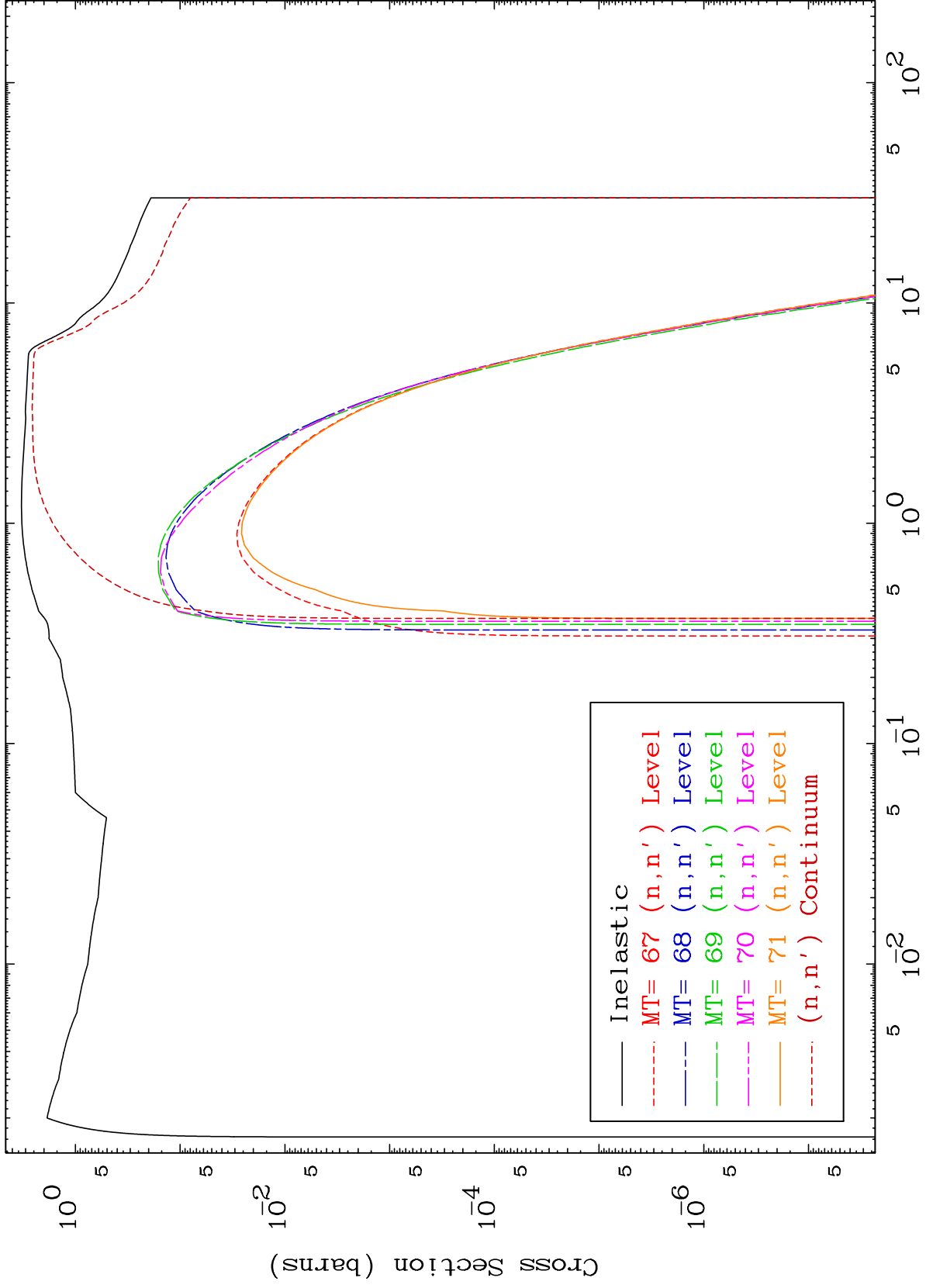
72-Hf-179m



MAT 7241

293 Kelvin Cross Sections
(n, n') Levels

72-Hf-179m



10

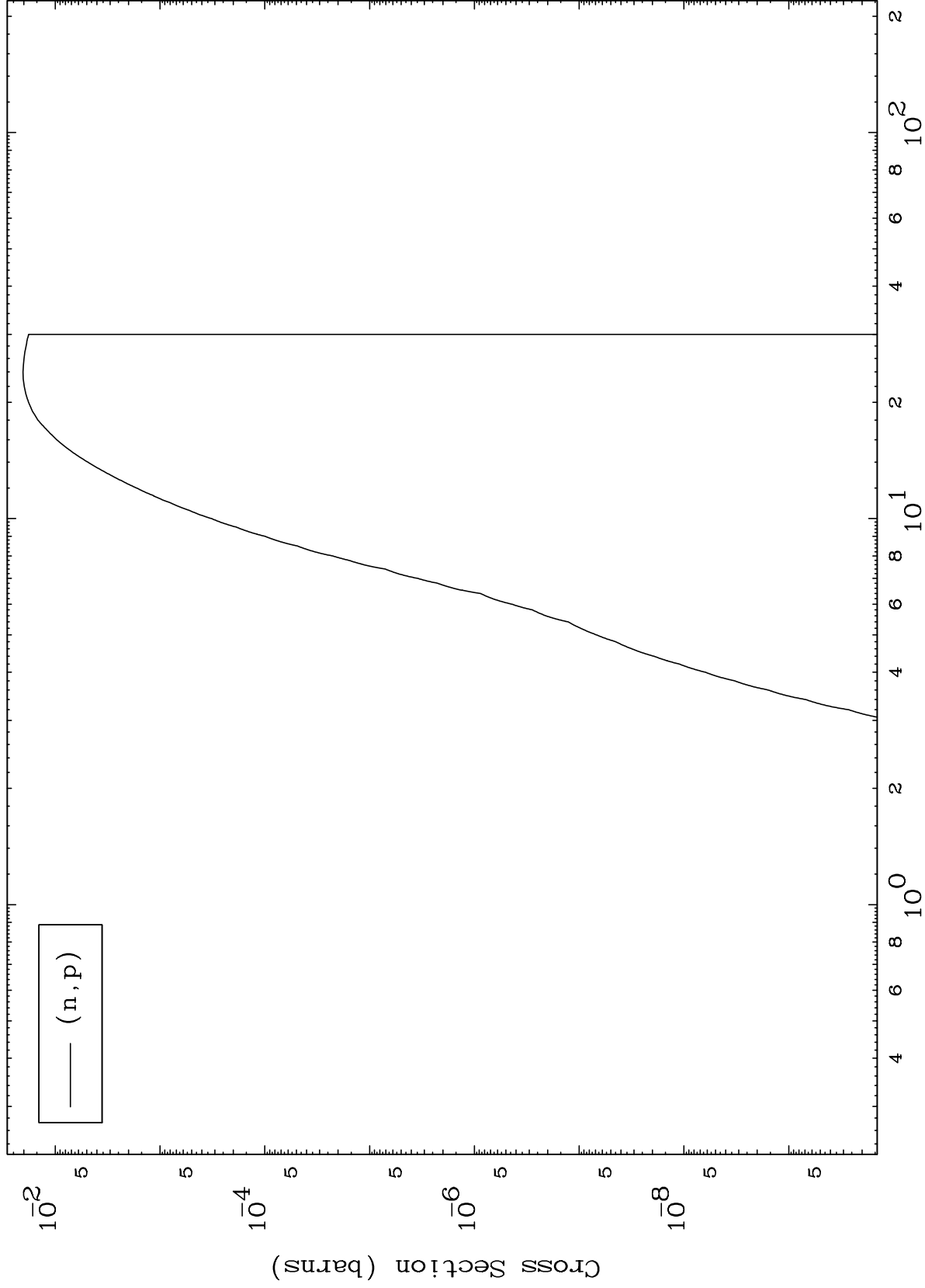
Incident Energy (MeV)

72-Hf-179m

MAT 7241

(n,p) Levels
293 Kelvin Cross Sections

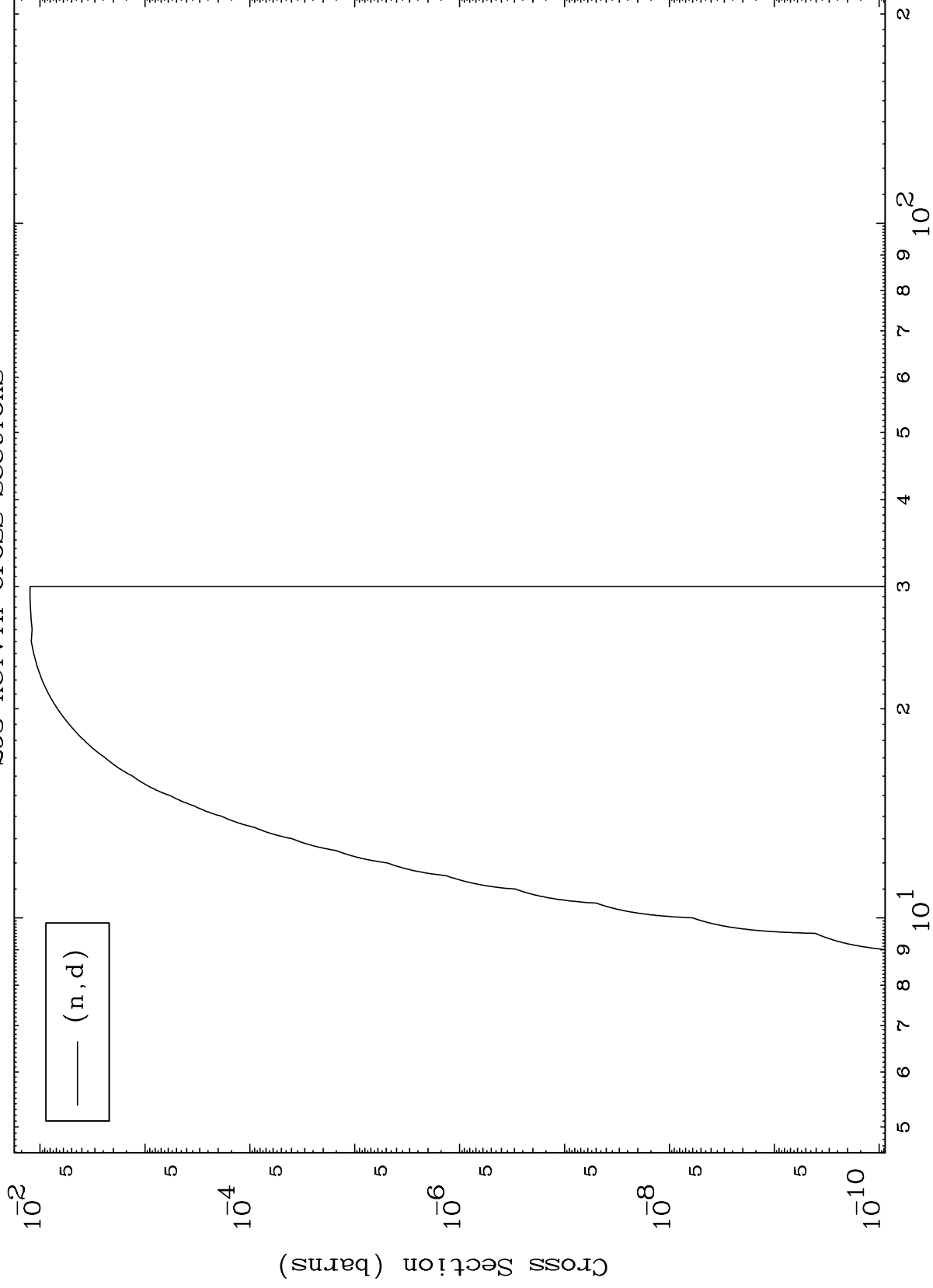
72-Hf-179m



MAT 7241

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179m



12

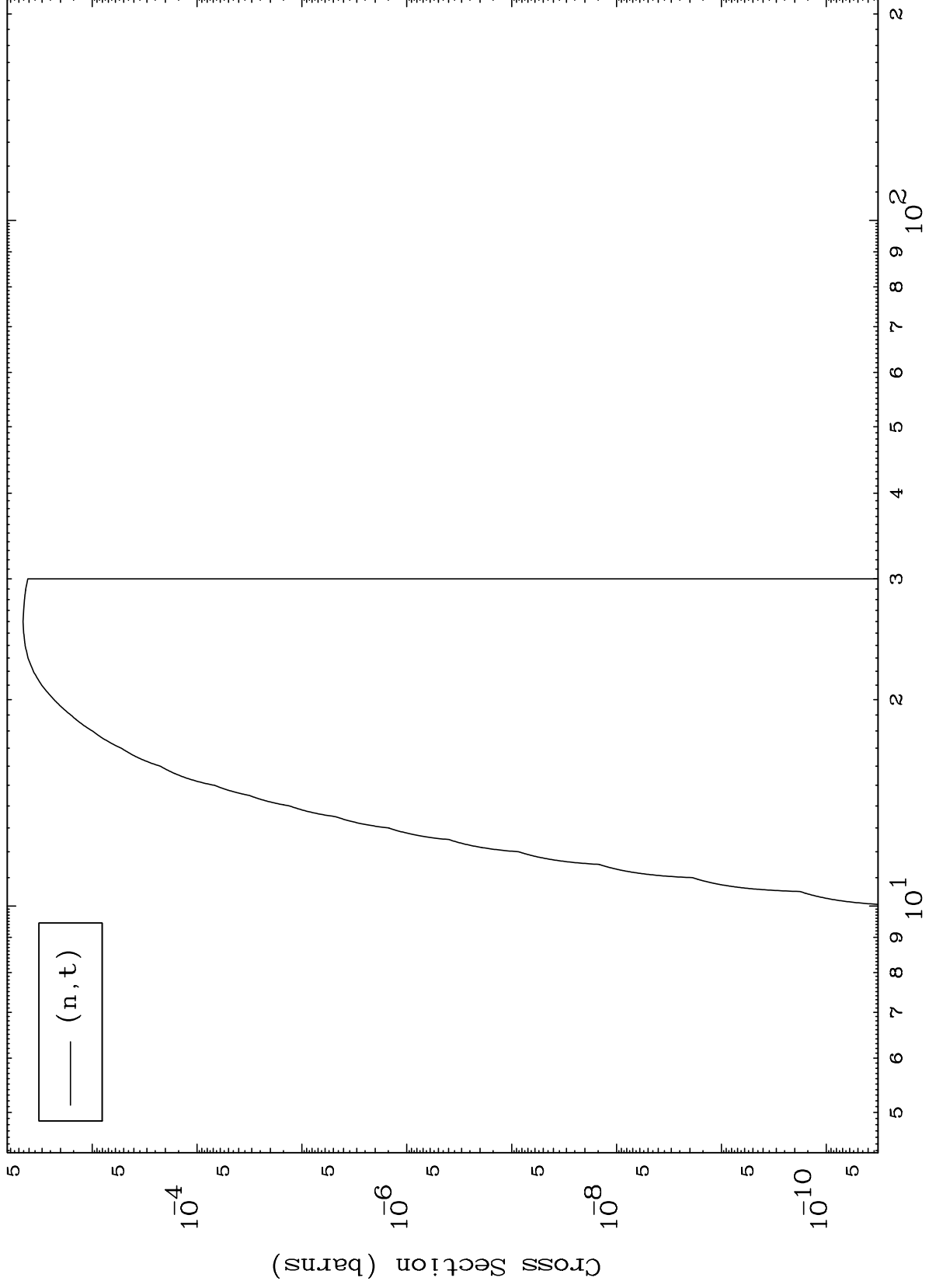
Incident Energy (MeV)

72-Hf-179m

MAT 7241

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179m



13

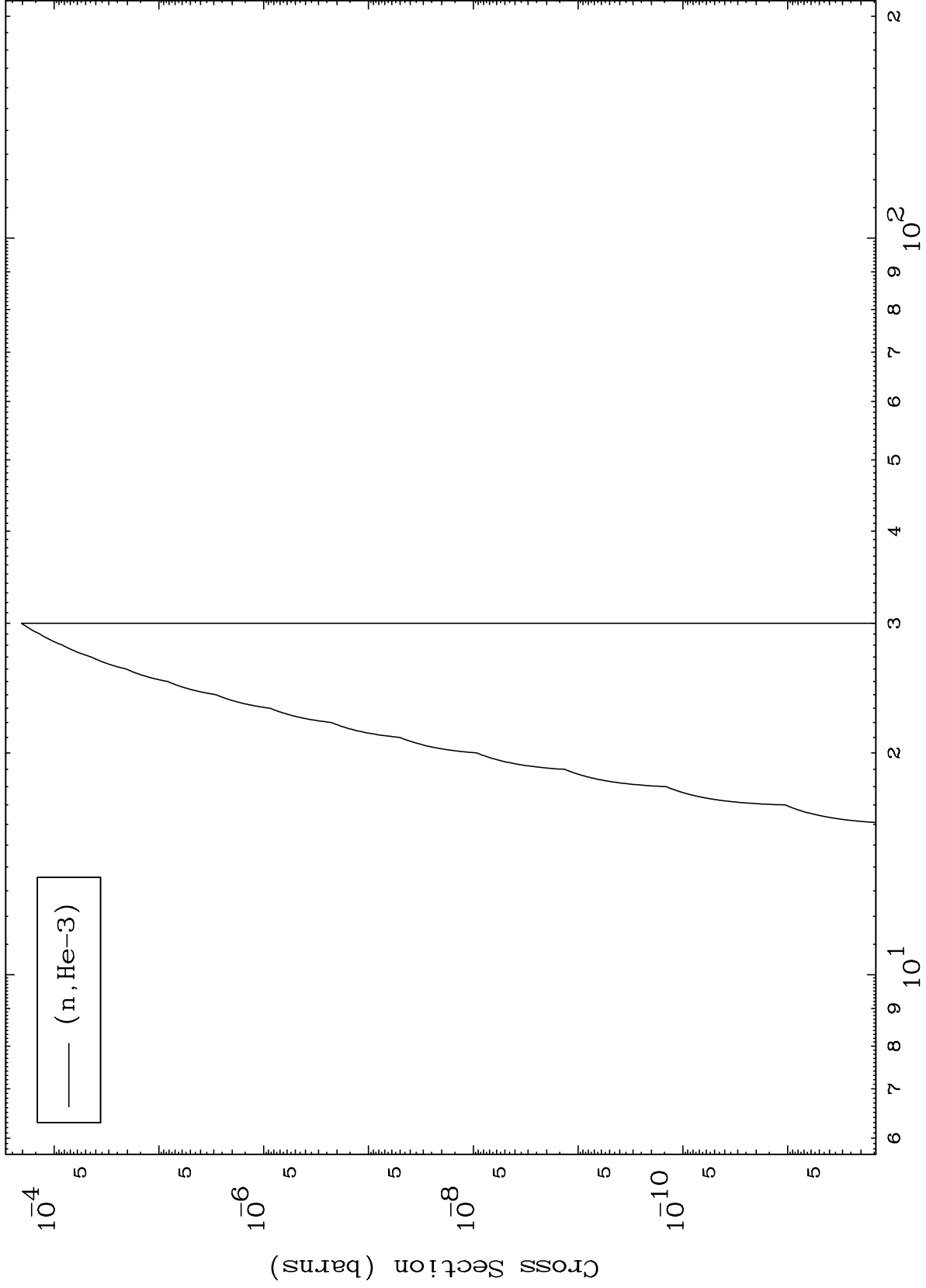
Incident Energy (MeV)

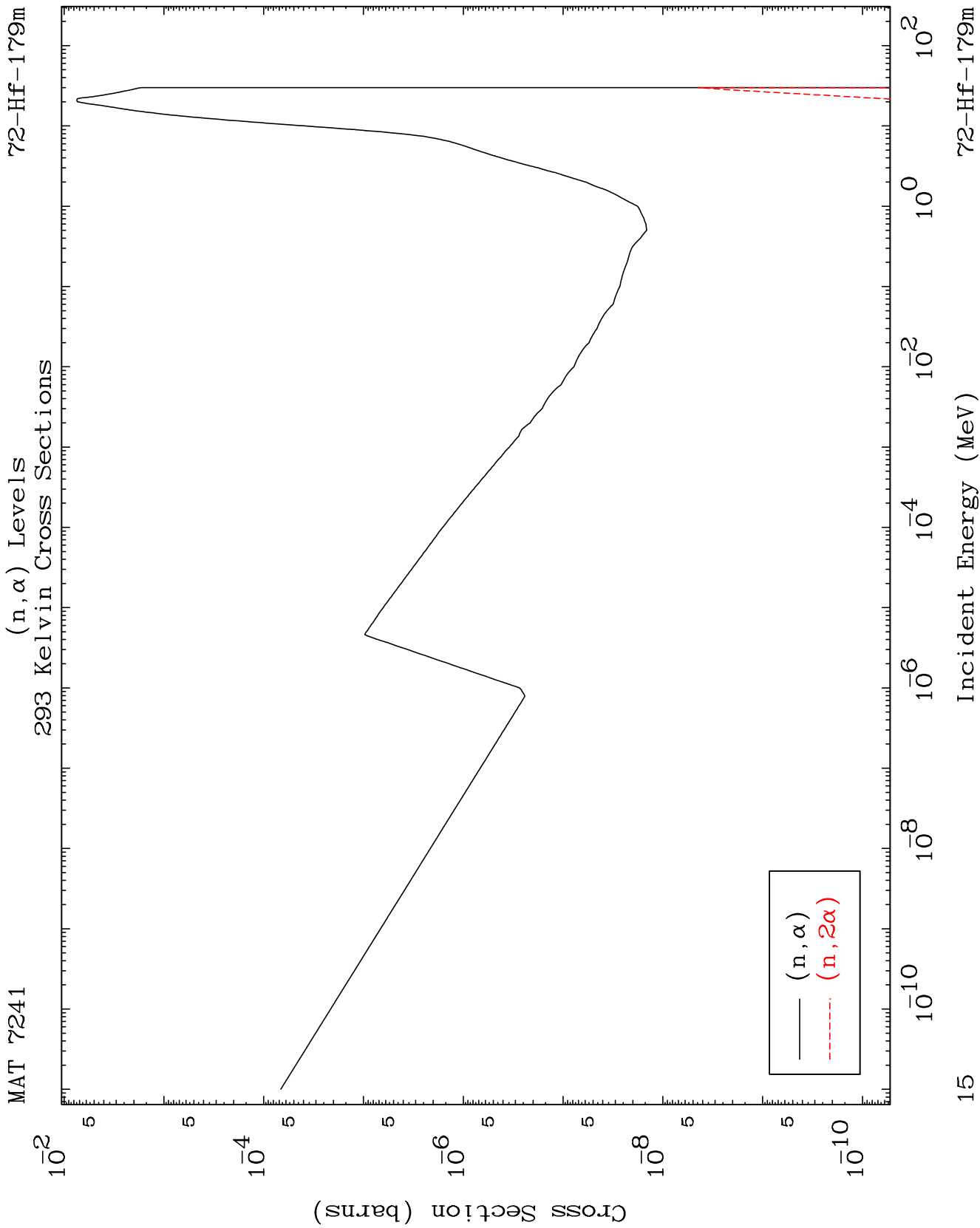
72-Hf-179m

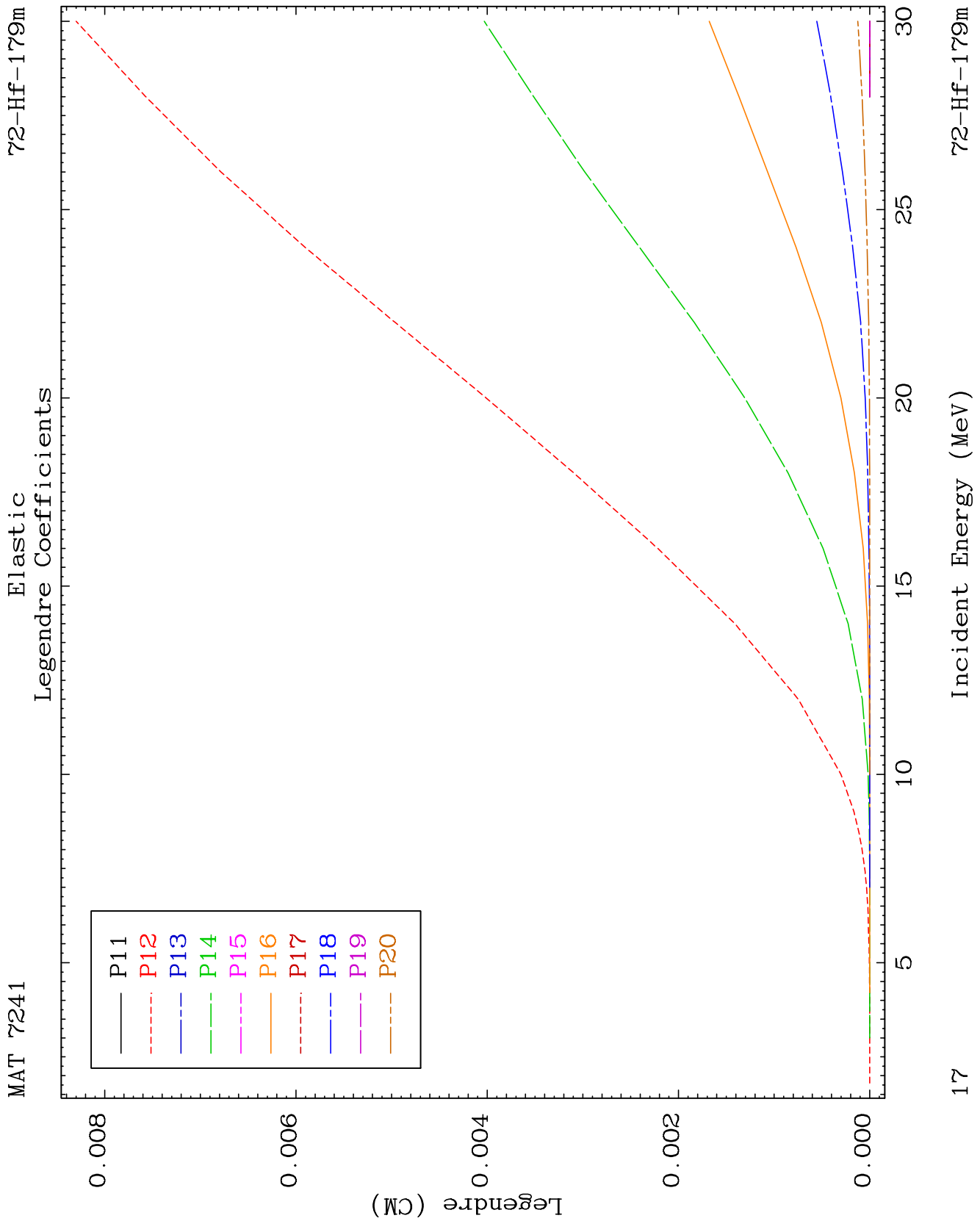
MAT 7241

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-179m



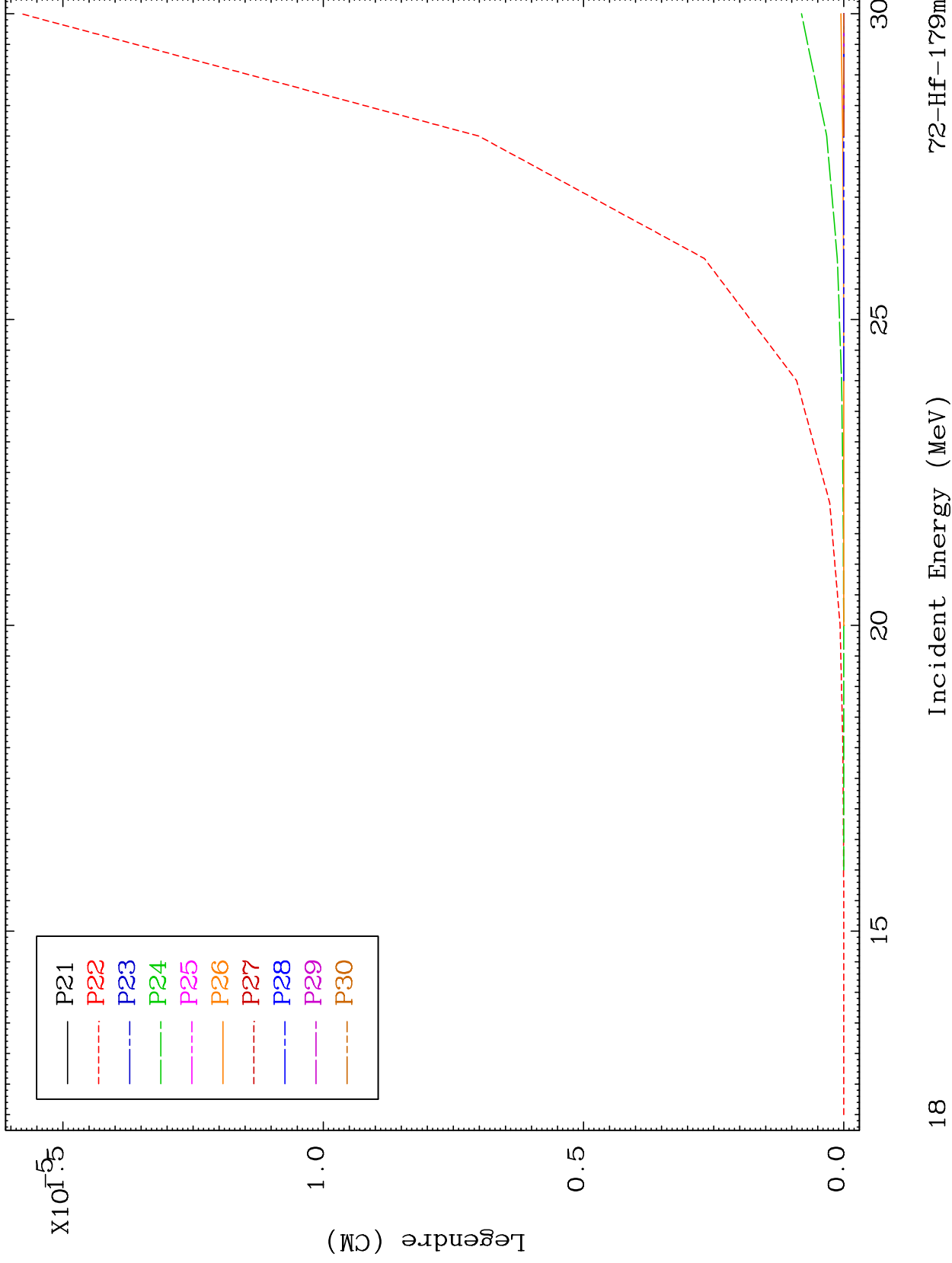




MAT 7241

Elastic
Legendre Coefficients

72-Hf-179m



18

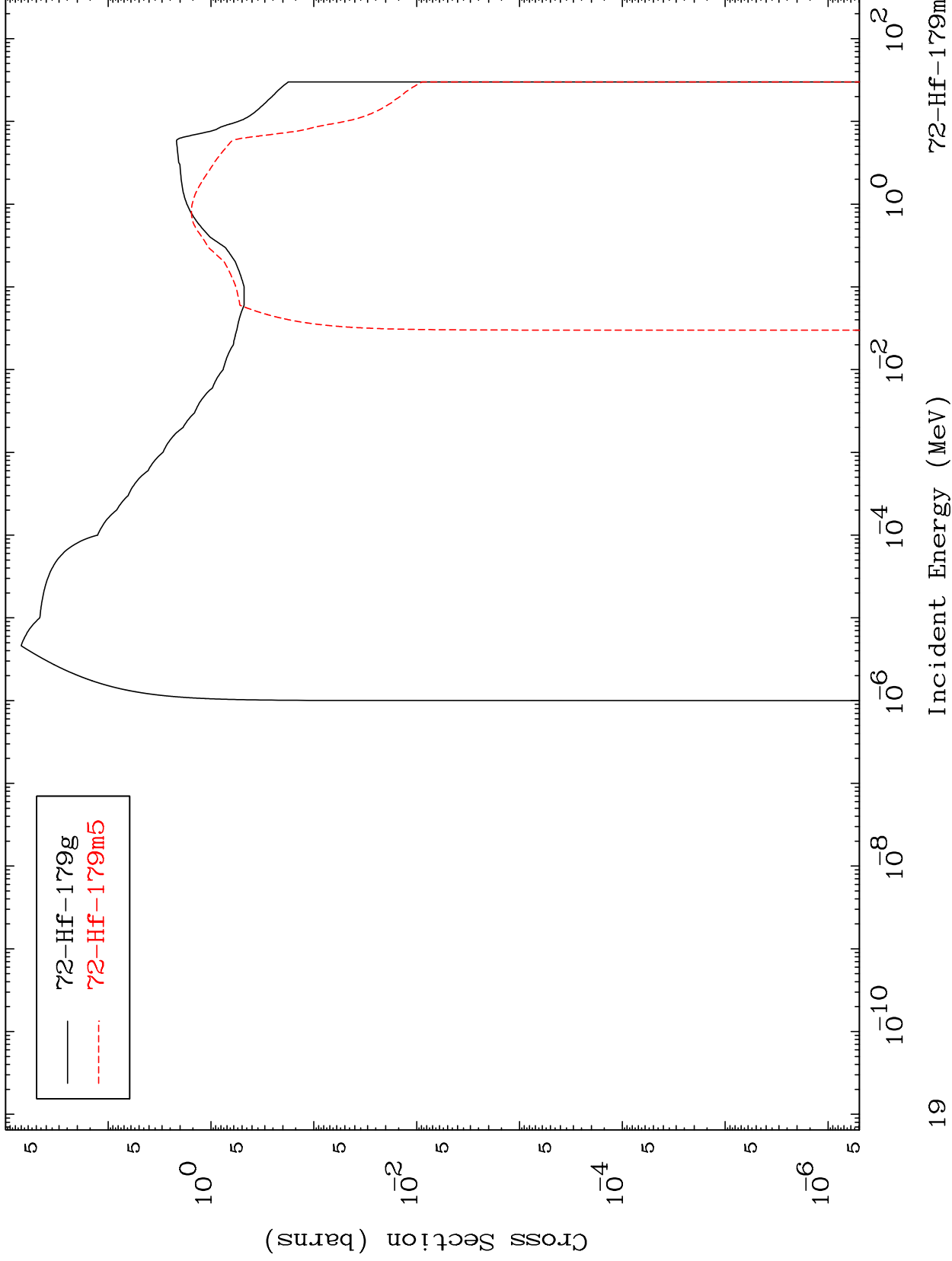
Incident Energy (MeV)

72-Hf-179m

MAT 7241

Radionuclide Production Cross Section

⁷²Hf-179m

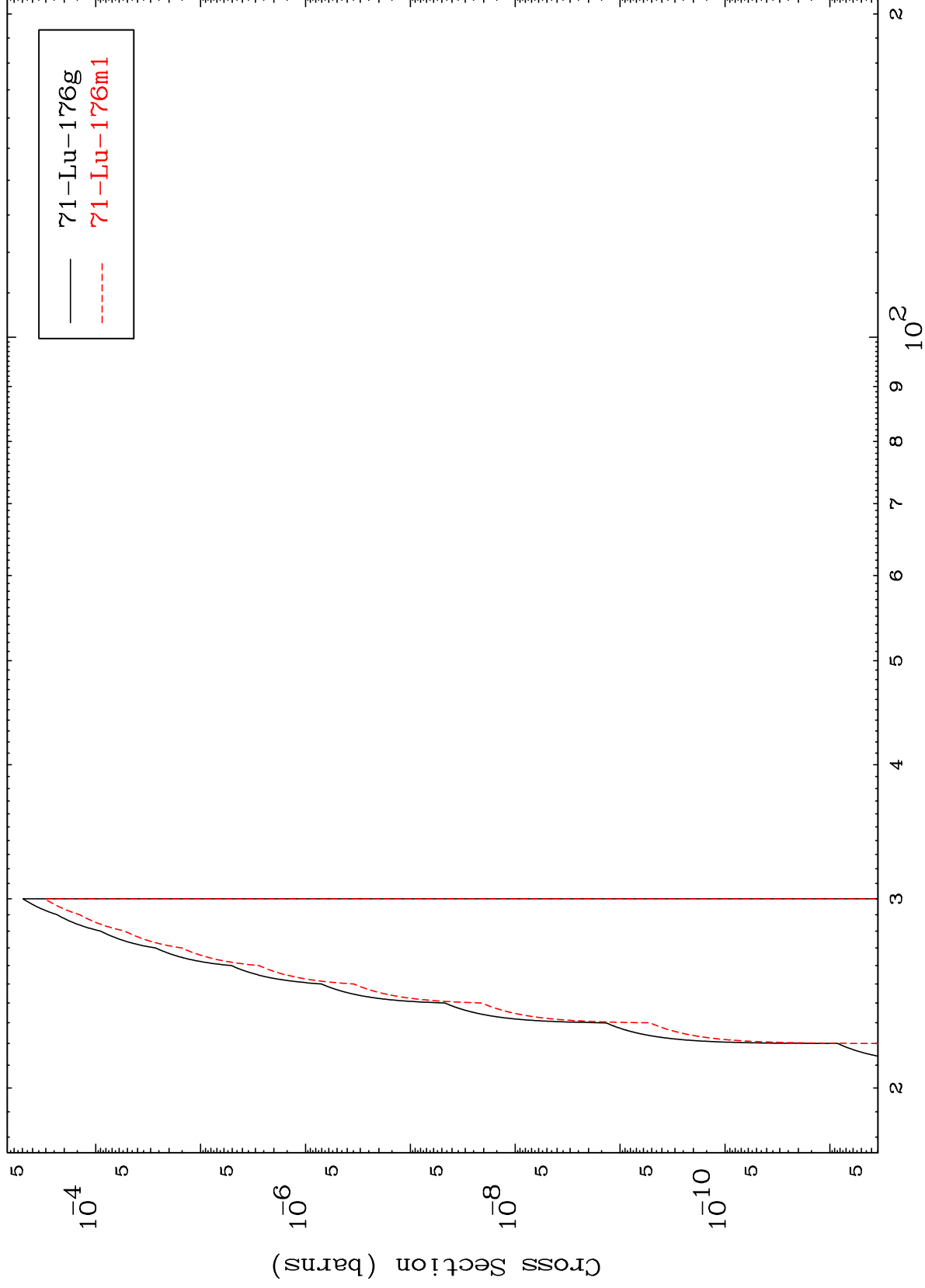


MAT 7241

(n,2n) d

72-Hf-179m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

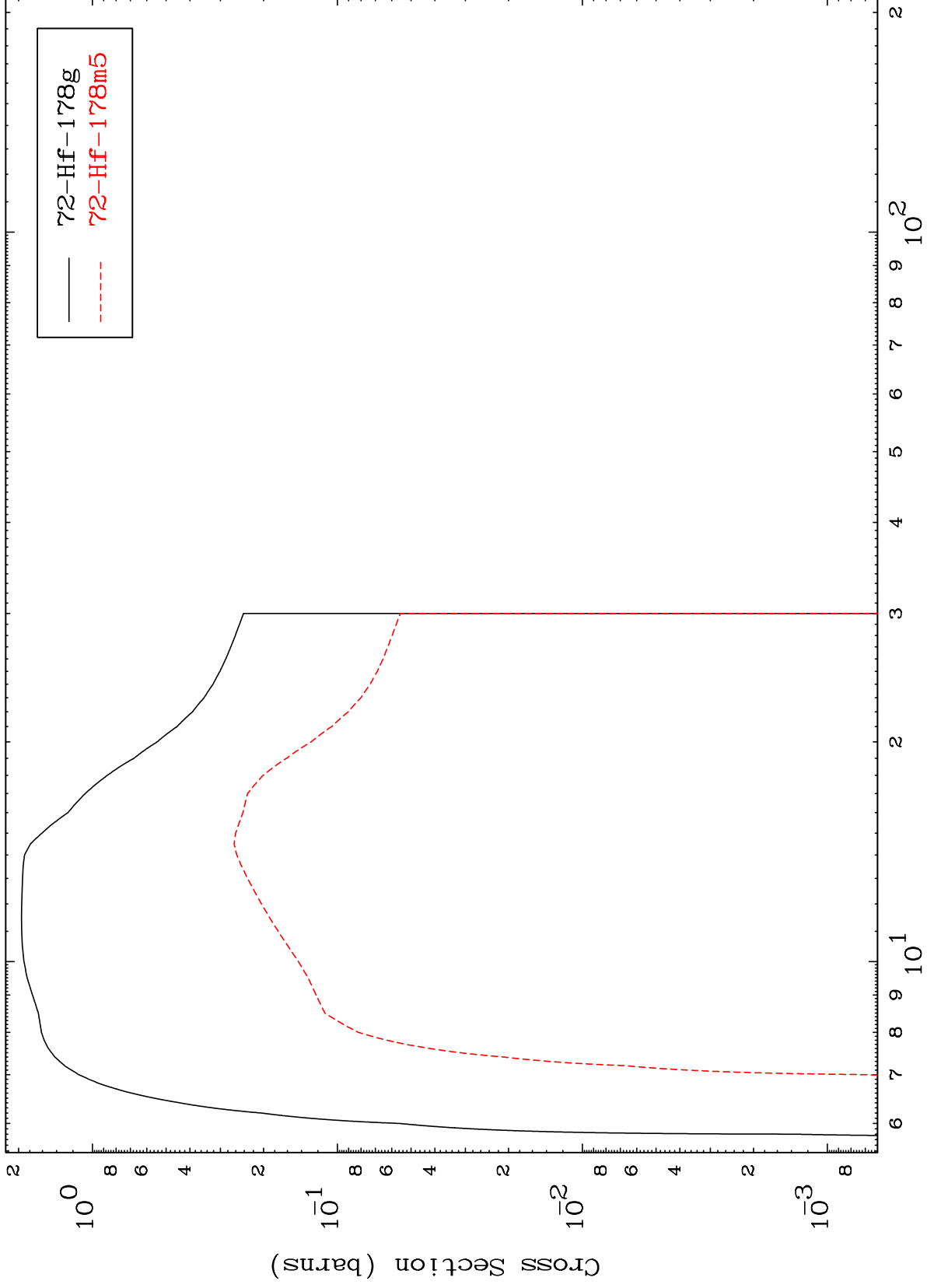
72-Hf-179m

MAT 7241

(n,2n)

⁷²Hf-179m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

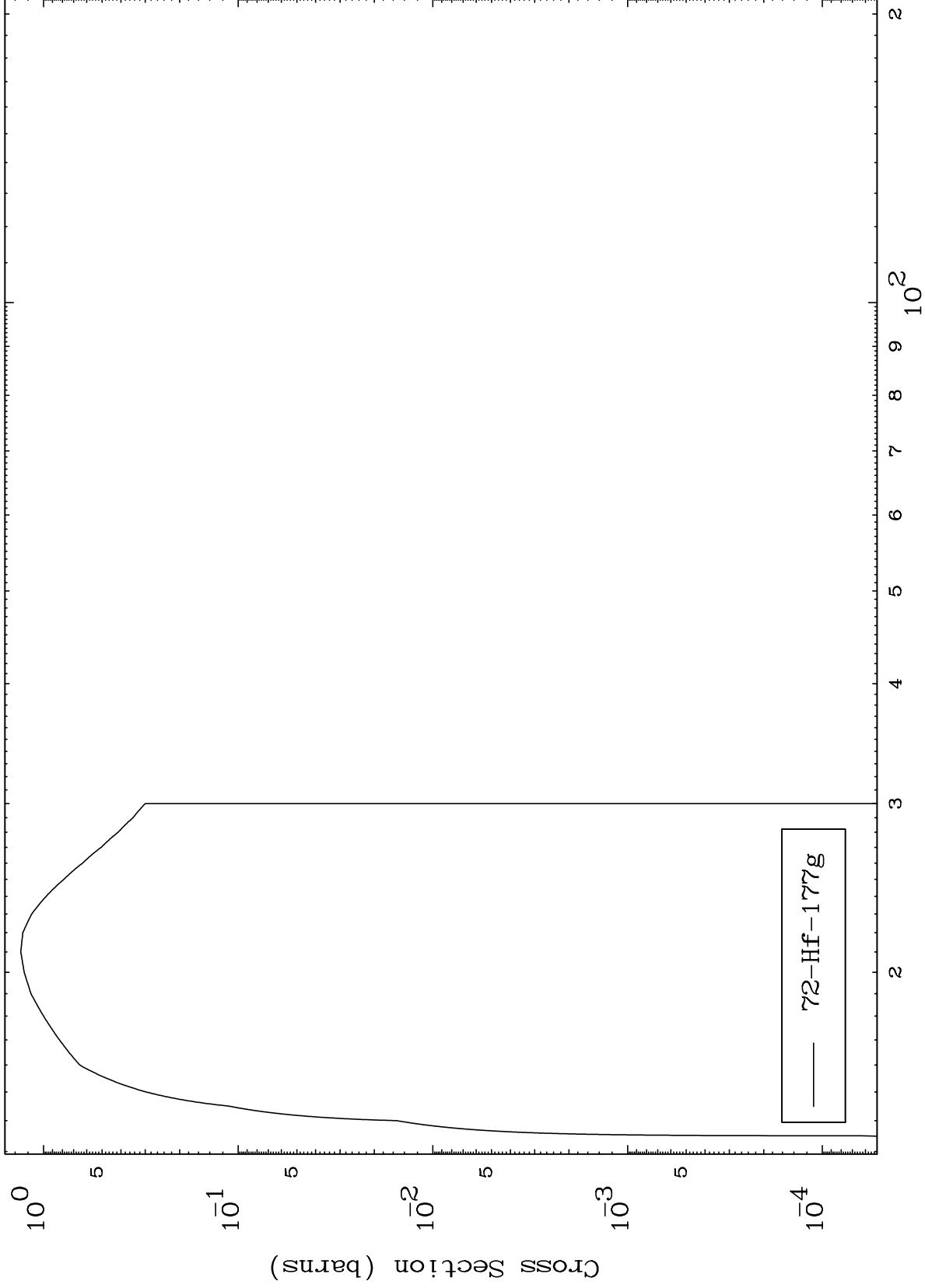
⁷²Hf-179m

MAT 7241

(n,3n)

72-Hf-179m

Radionuclide Production Cross Section



22

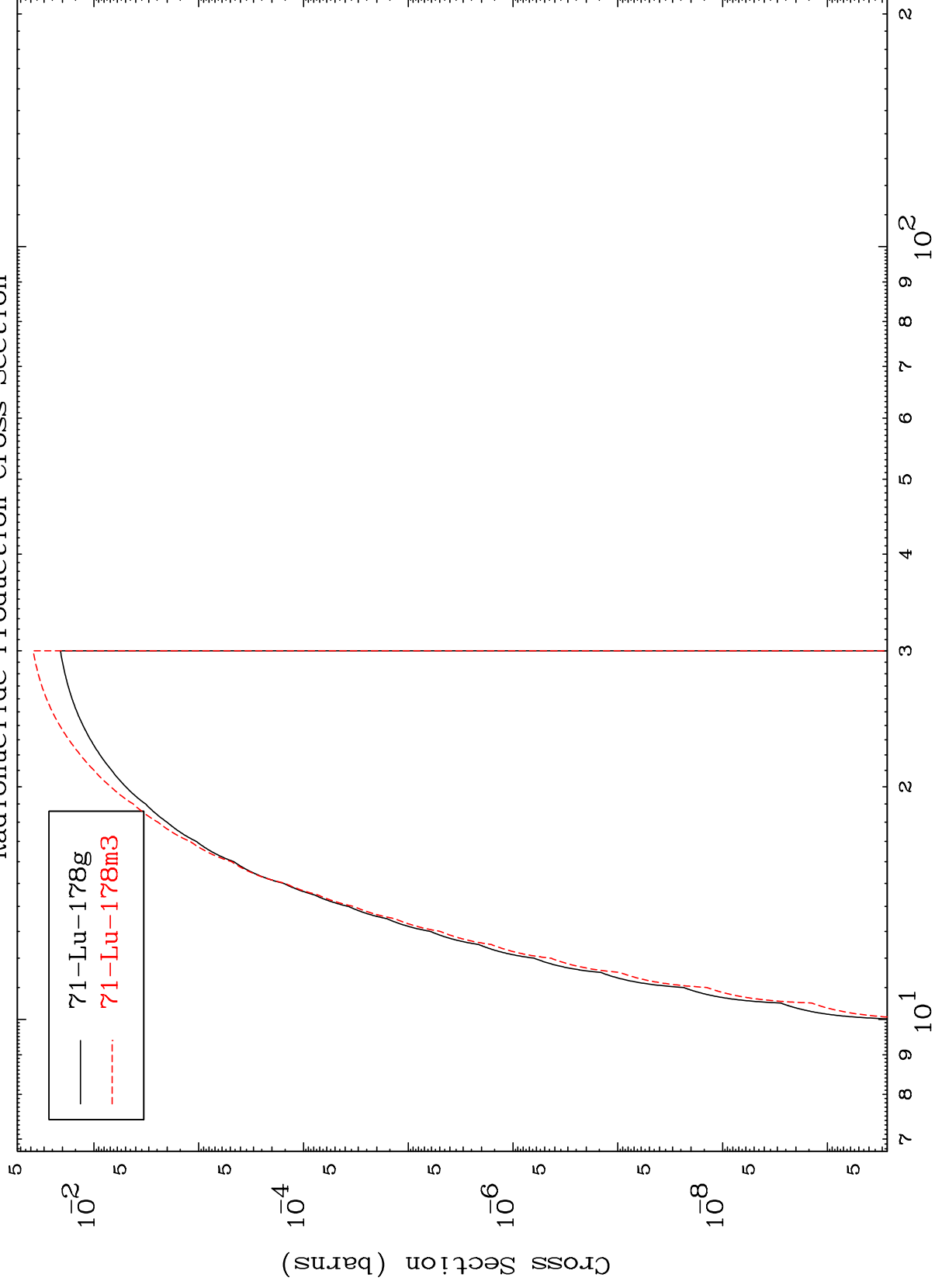
Incident Energy (MeV)

72-Hf-179m

MAT 7241

⁷²Hf-179m

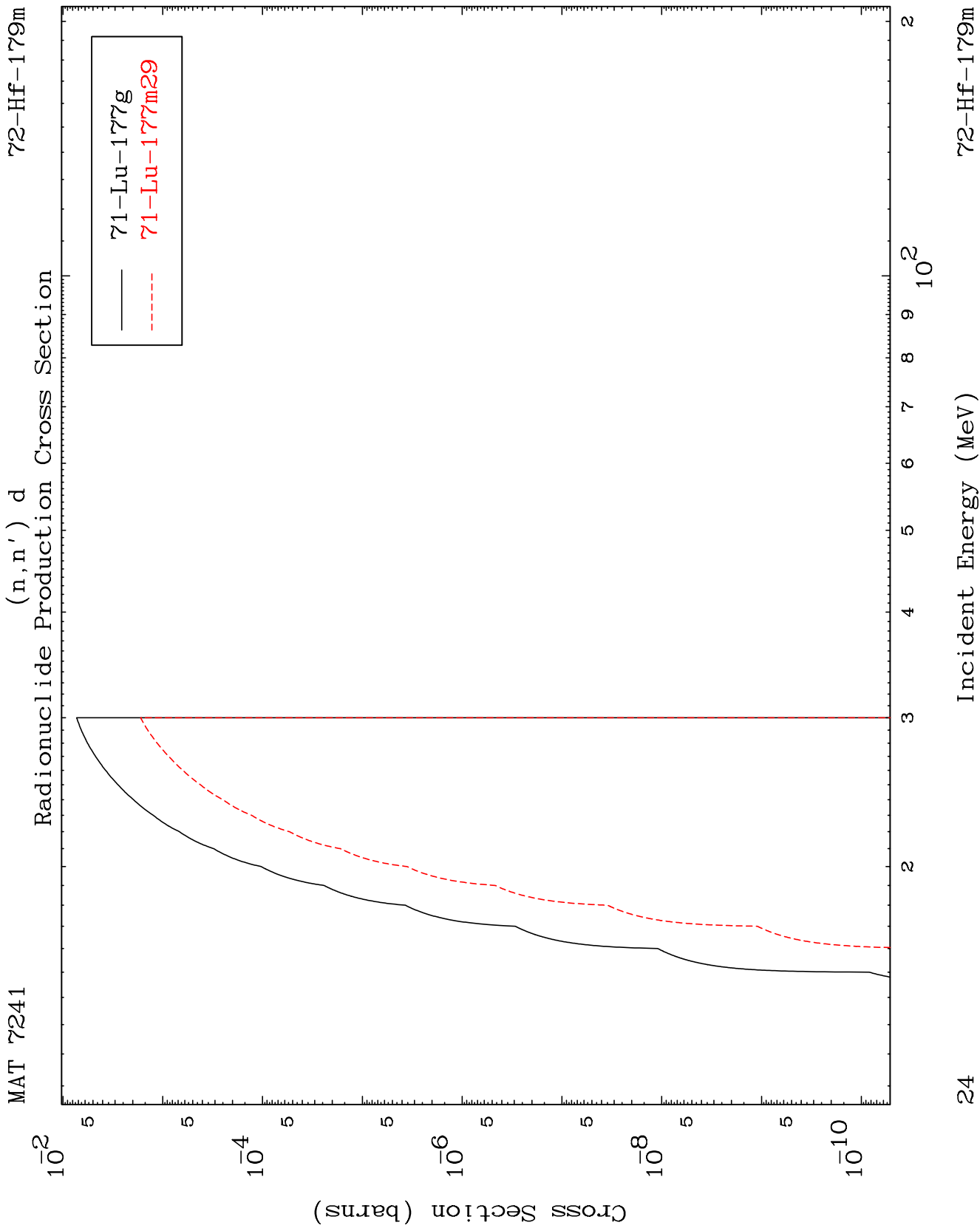
(n,n') p
Radionuclide Production Cross Section



⁷²Hf-179m

Incident Energy (MeV)

23

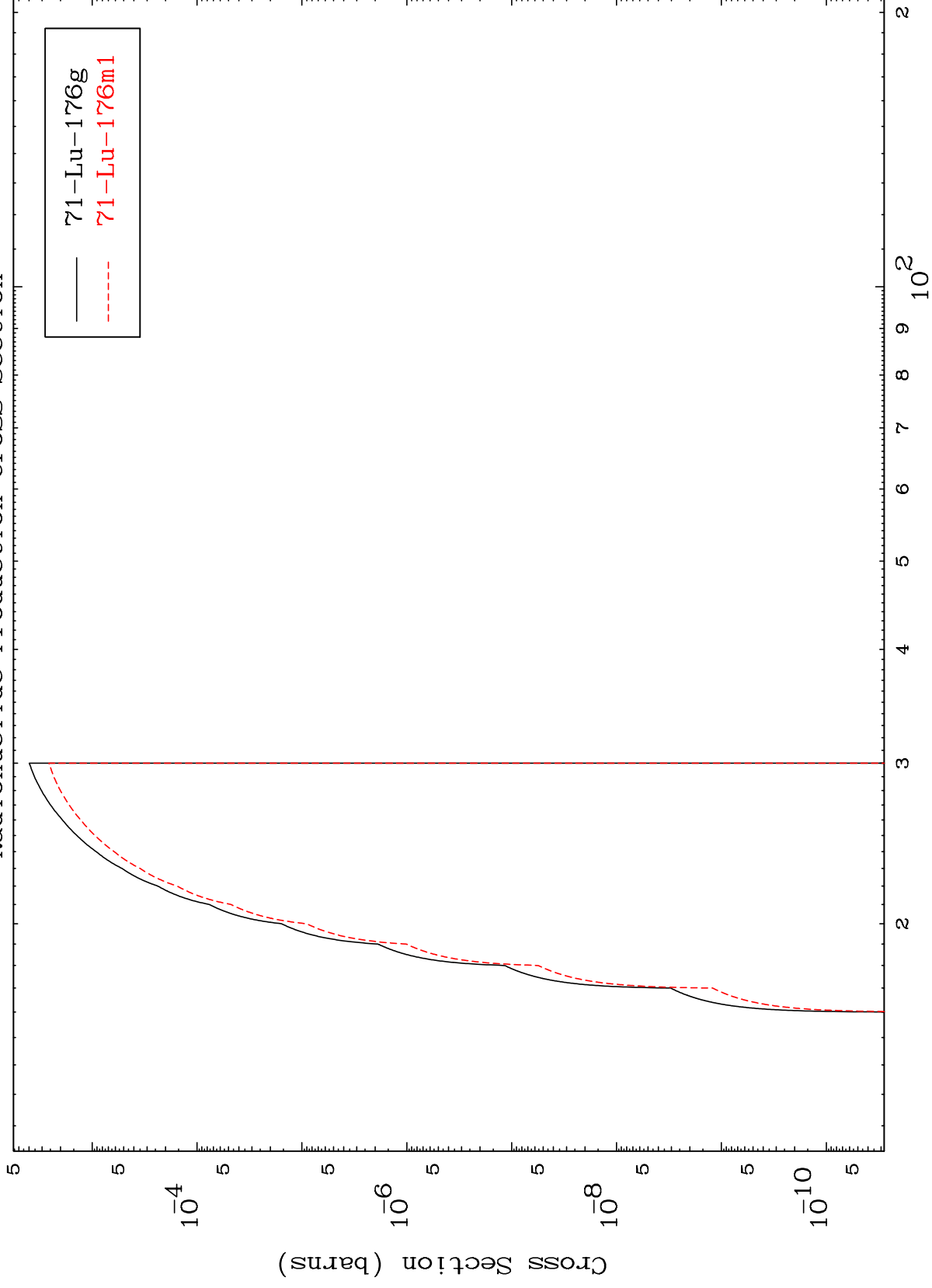


MAT 7241

(n,n') t

72-Hf-179m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

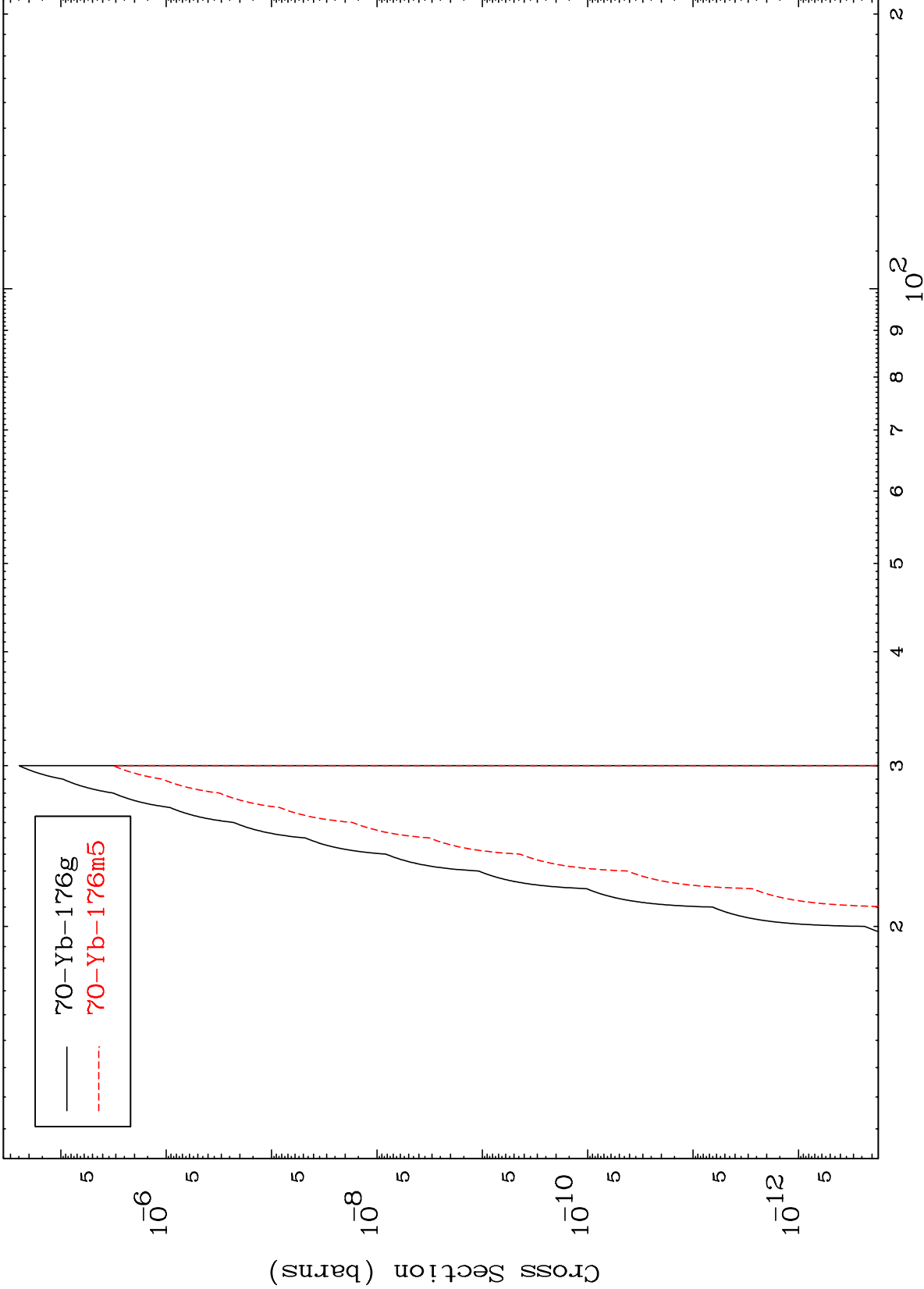
72-Hf-179m

MAT 7241

(n,n') He-3

72-Hf-179m

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179m

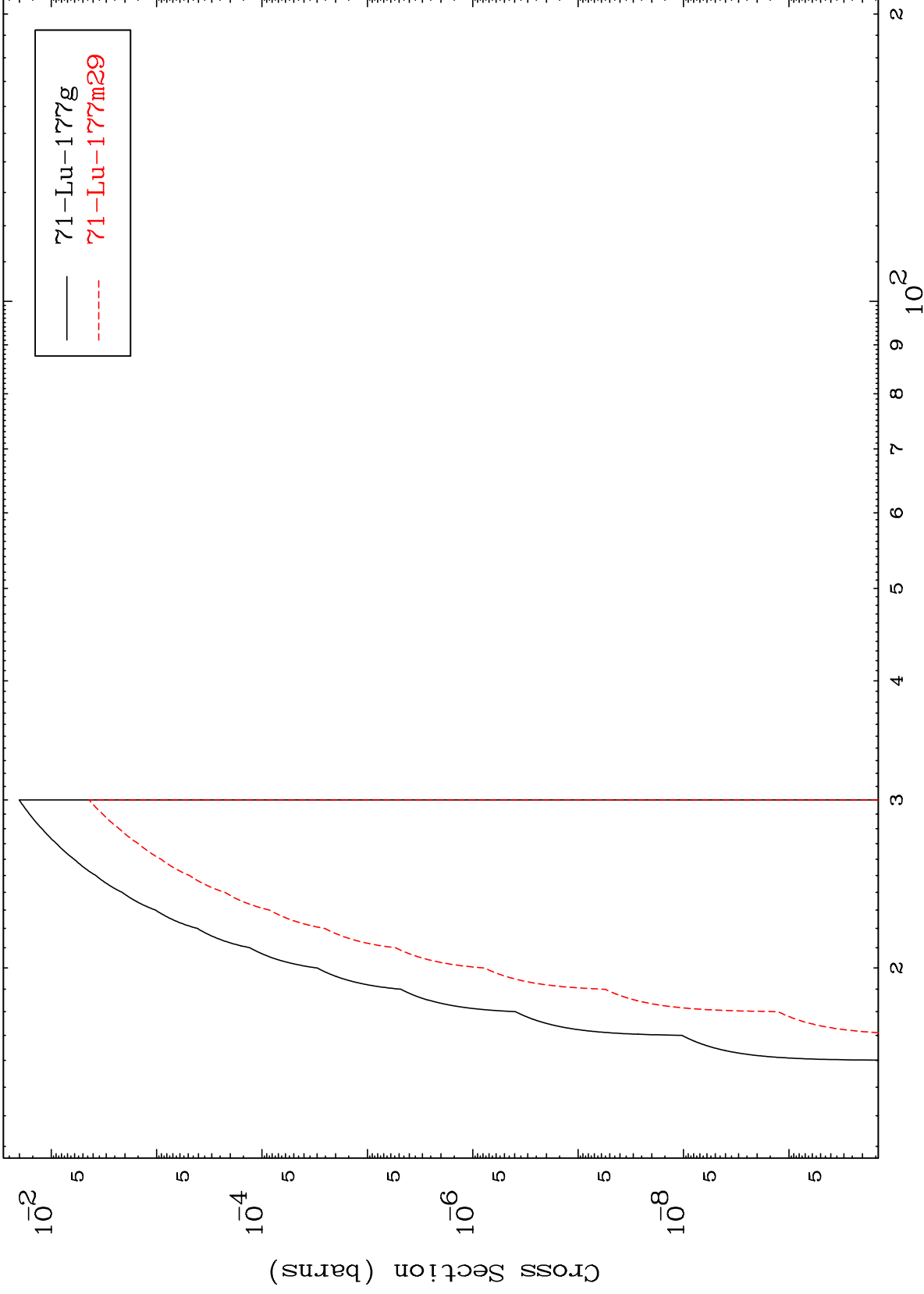
26

MAT 7241

(n,2n) p

72-Hf-179m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

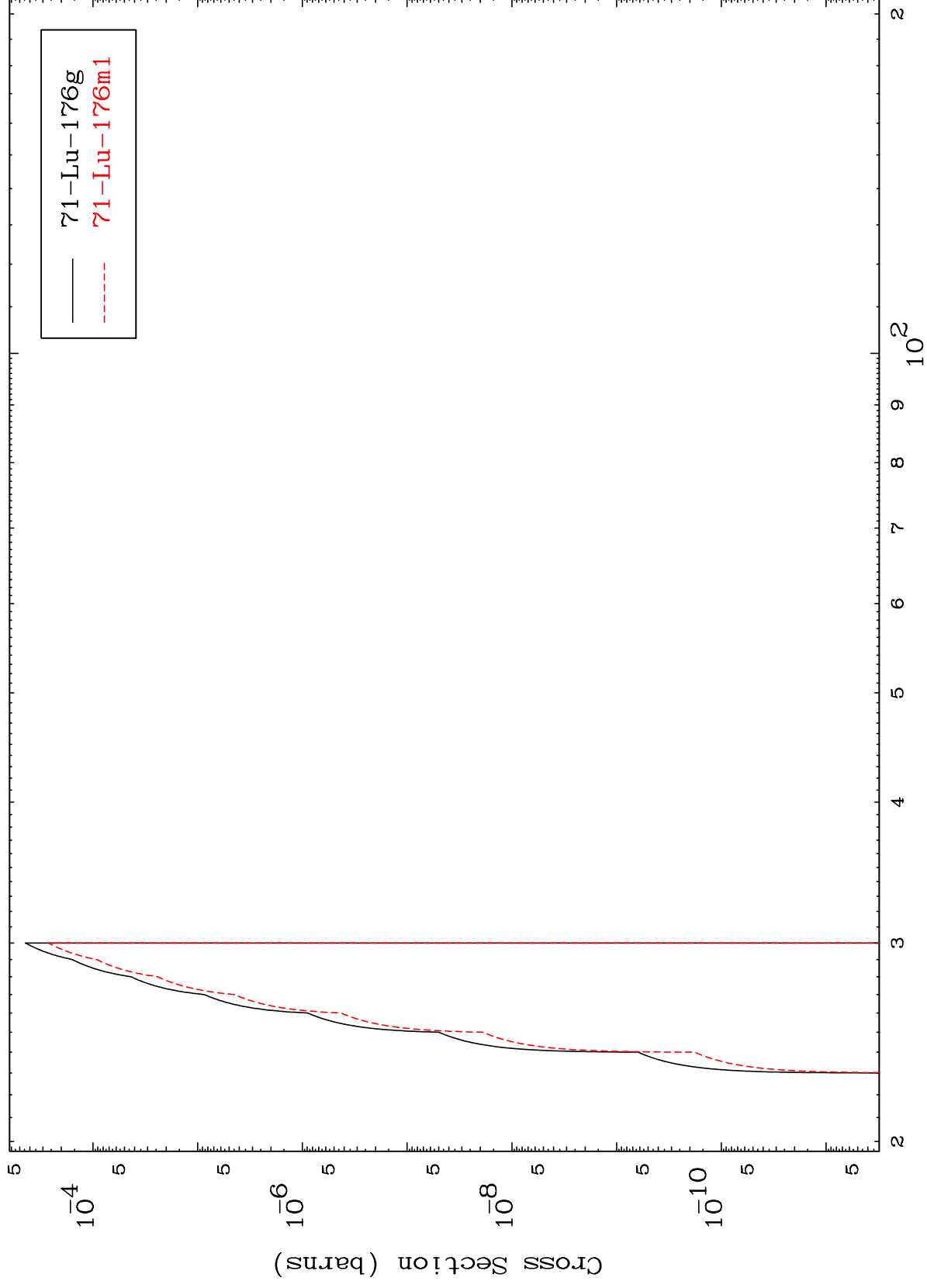
72-Hf-179m

MAT 7241

(n,3n) p

⁷²Hf-179m

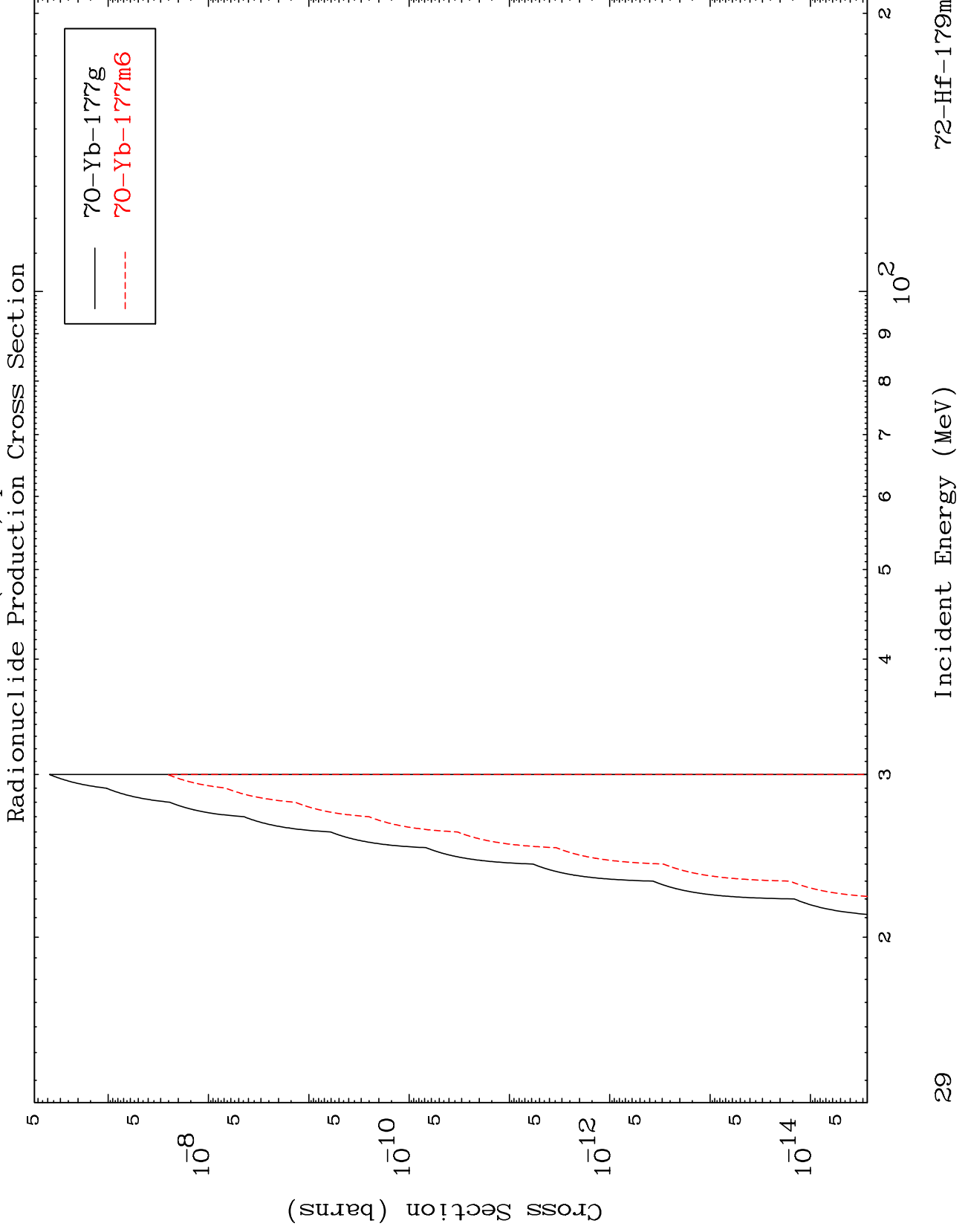
Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷²Hf-179m

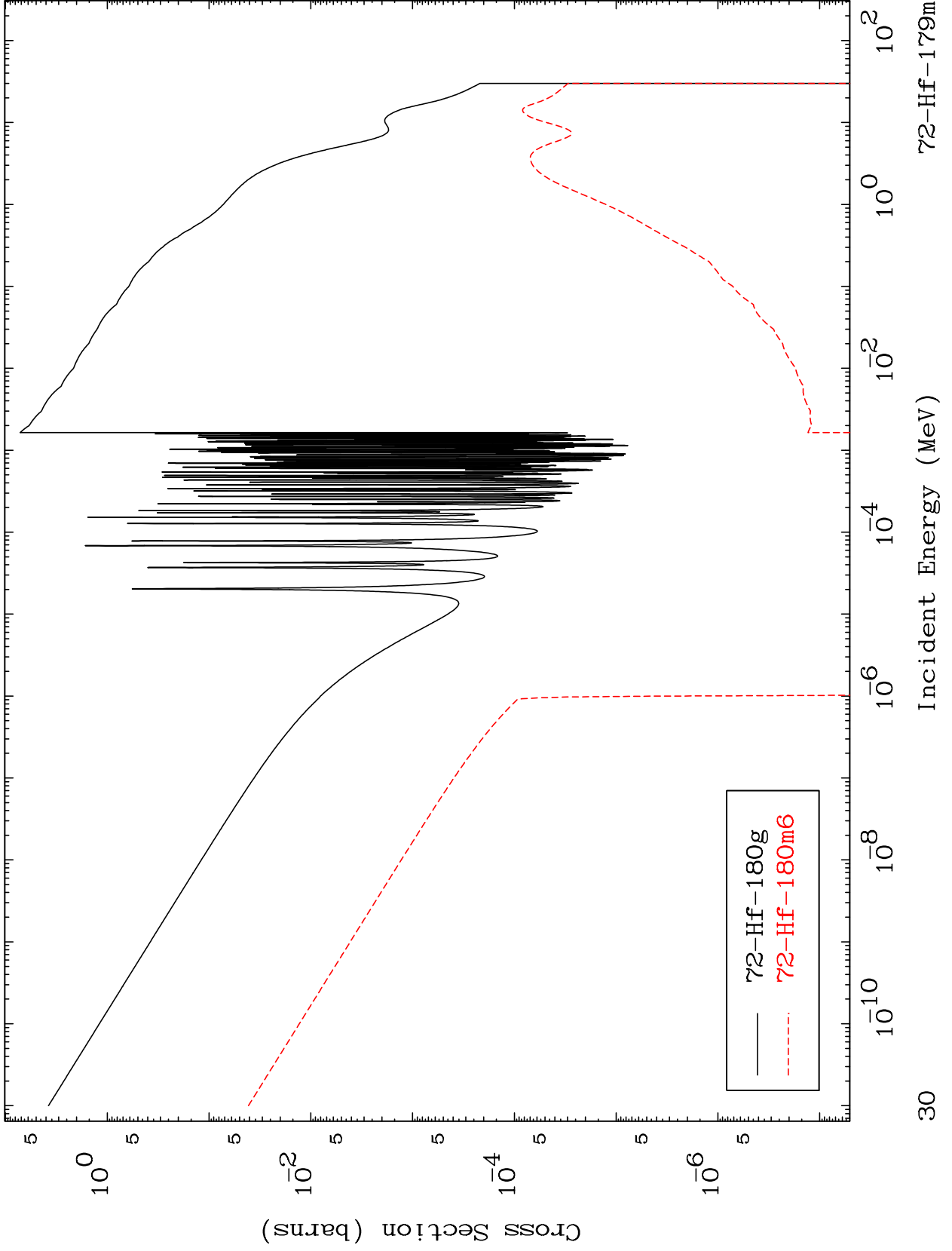


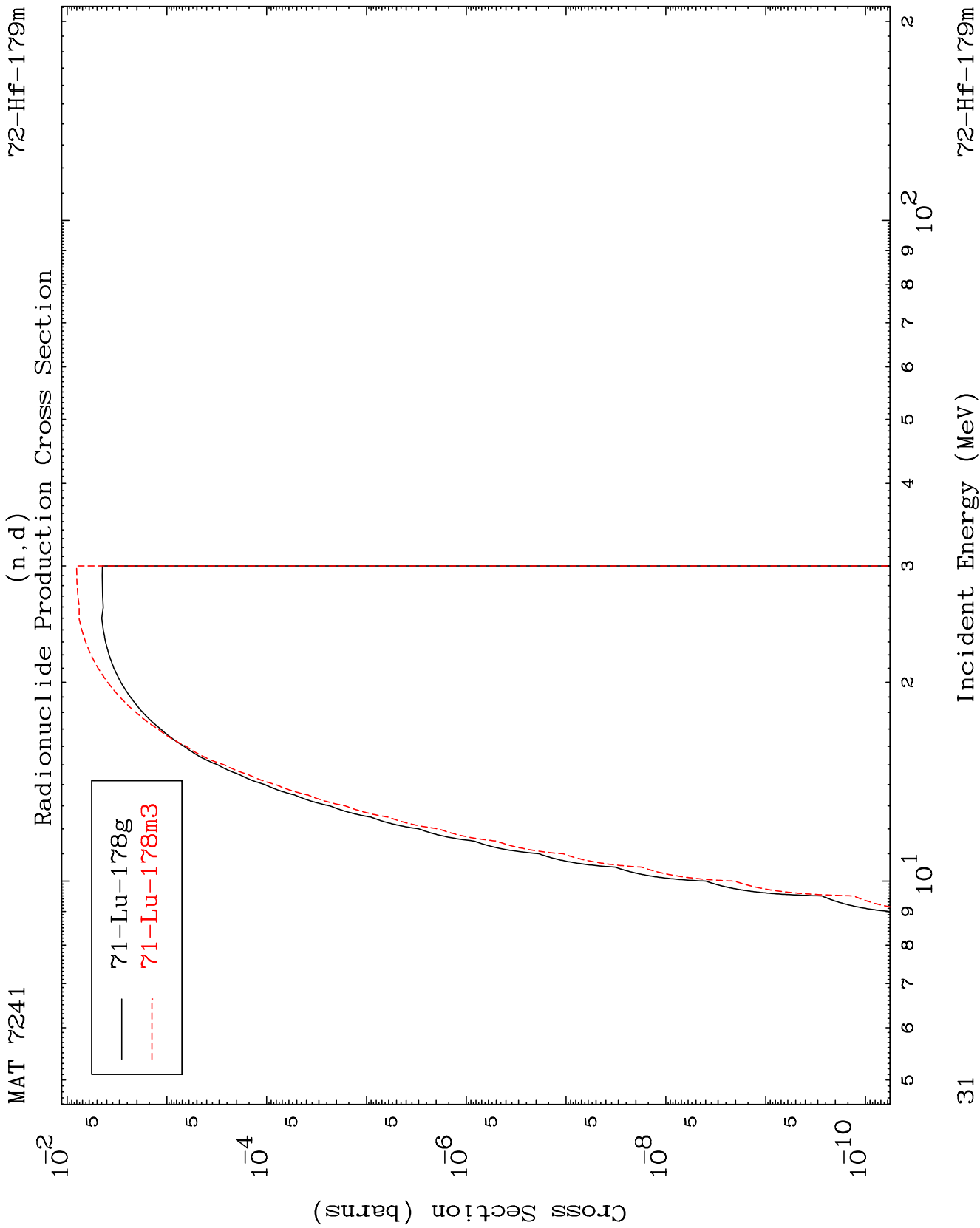
MAT 7241

⁷²Hf-179m

Radionuclide Production Cross Section

(n, γ)



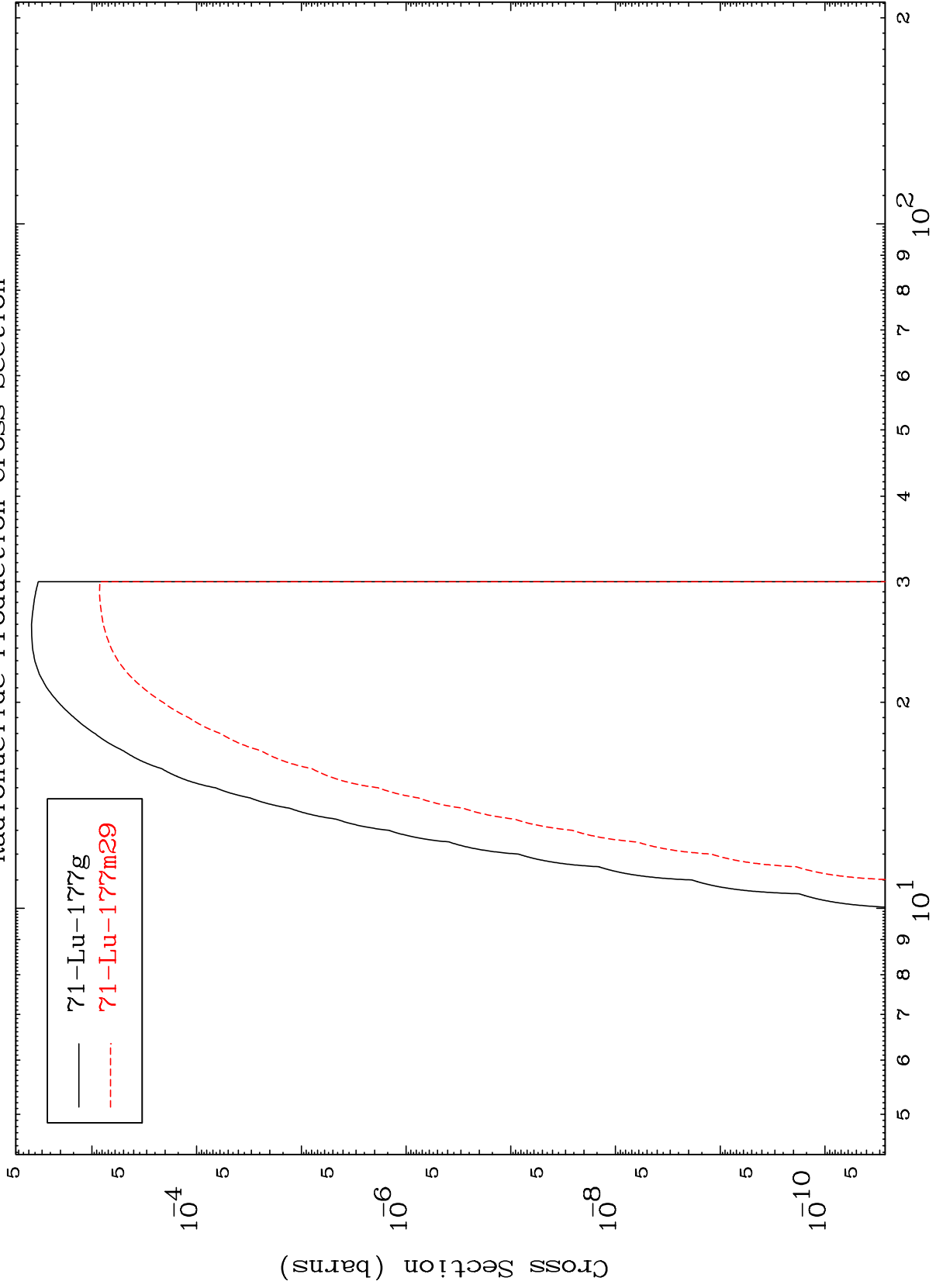


MAT 7241

(n, t)

⁷²Hf-179m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

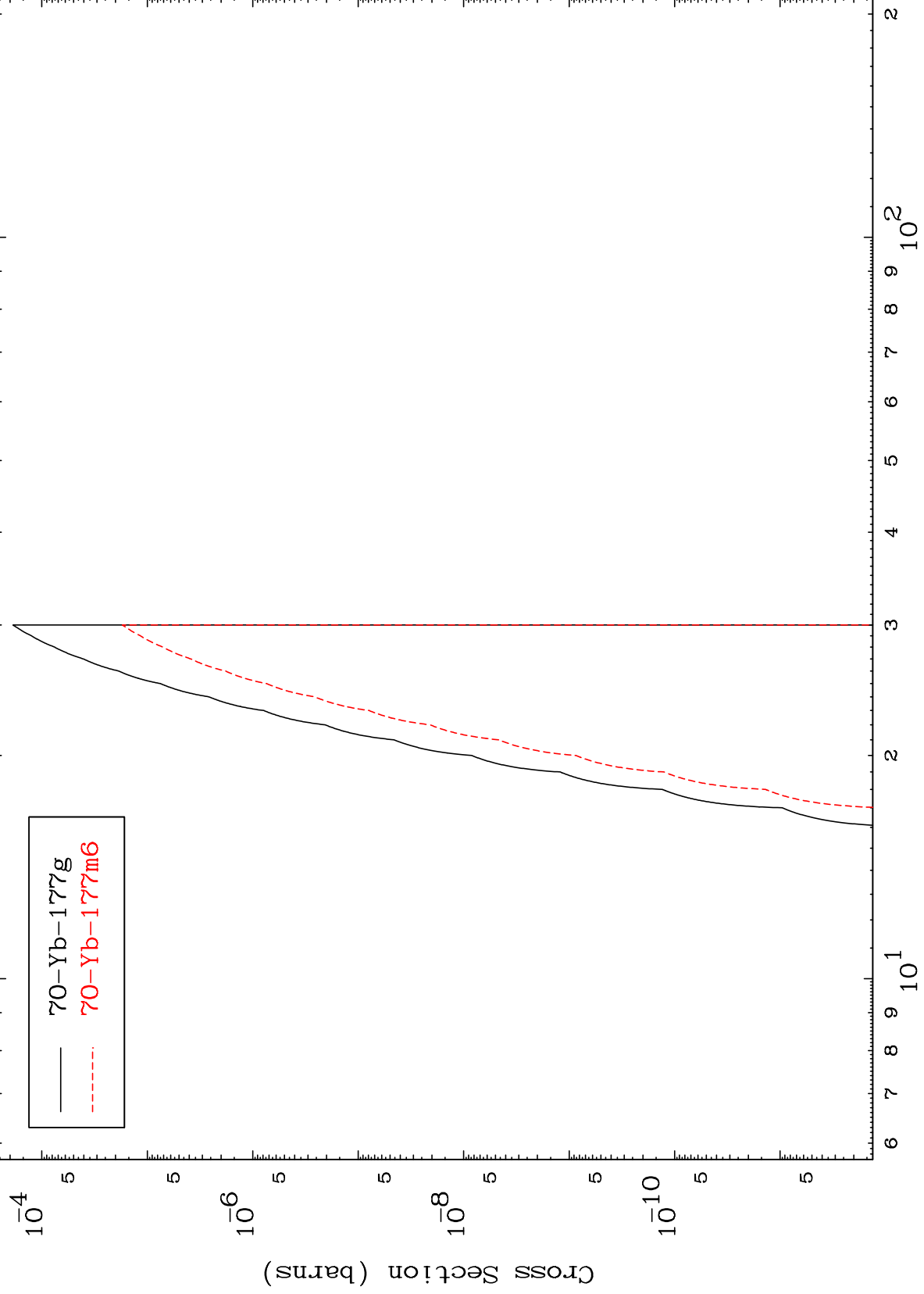
⁷²Hf-179m

MAT 7241

(n,He-3)

72-Hf-179m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

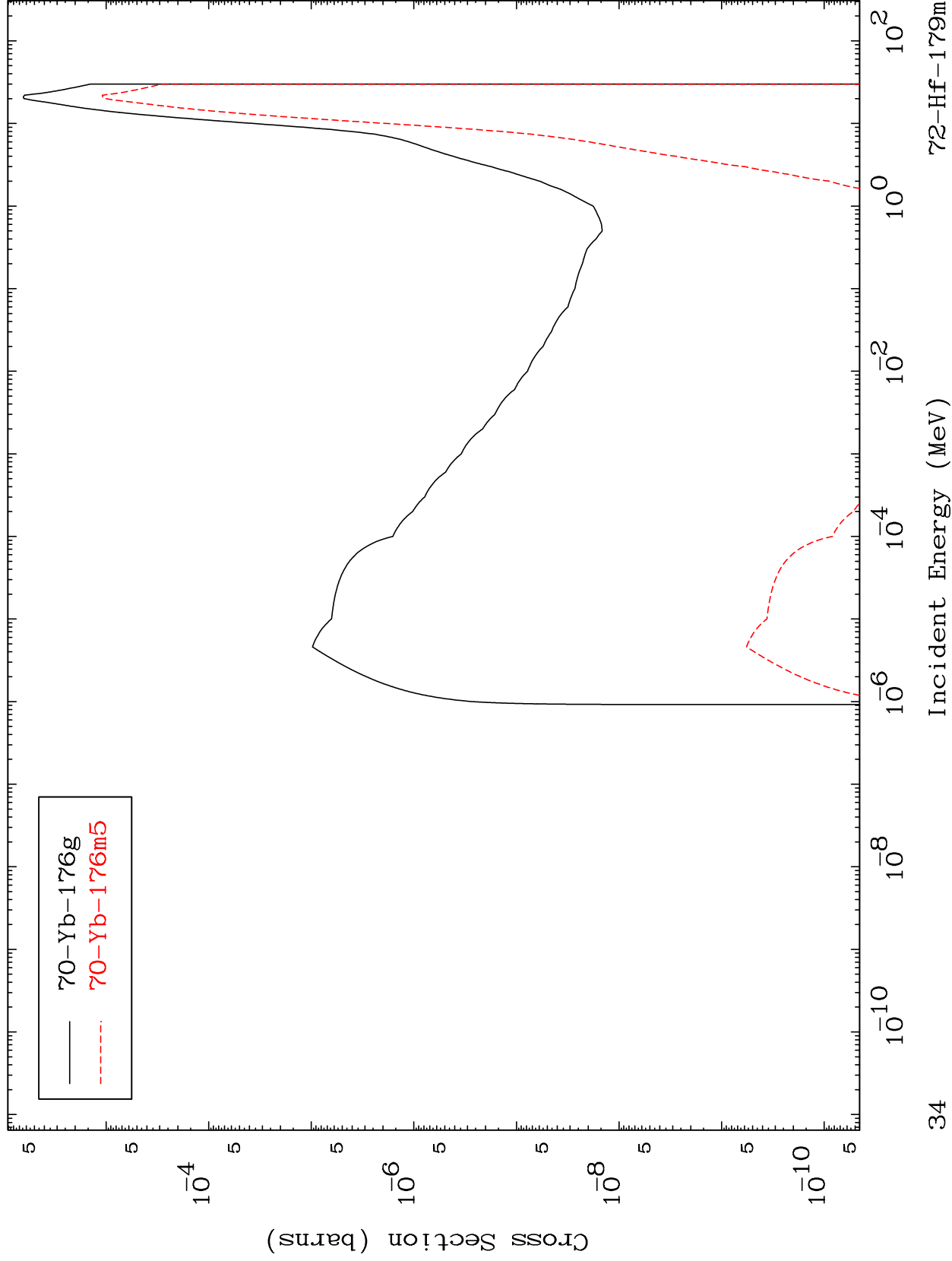
72-Hf-179m

MAT 7241

(n, α)

⁷²Hf-179m

Radionuclide Production Cross Section

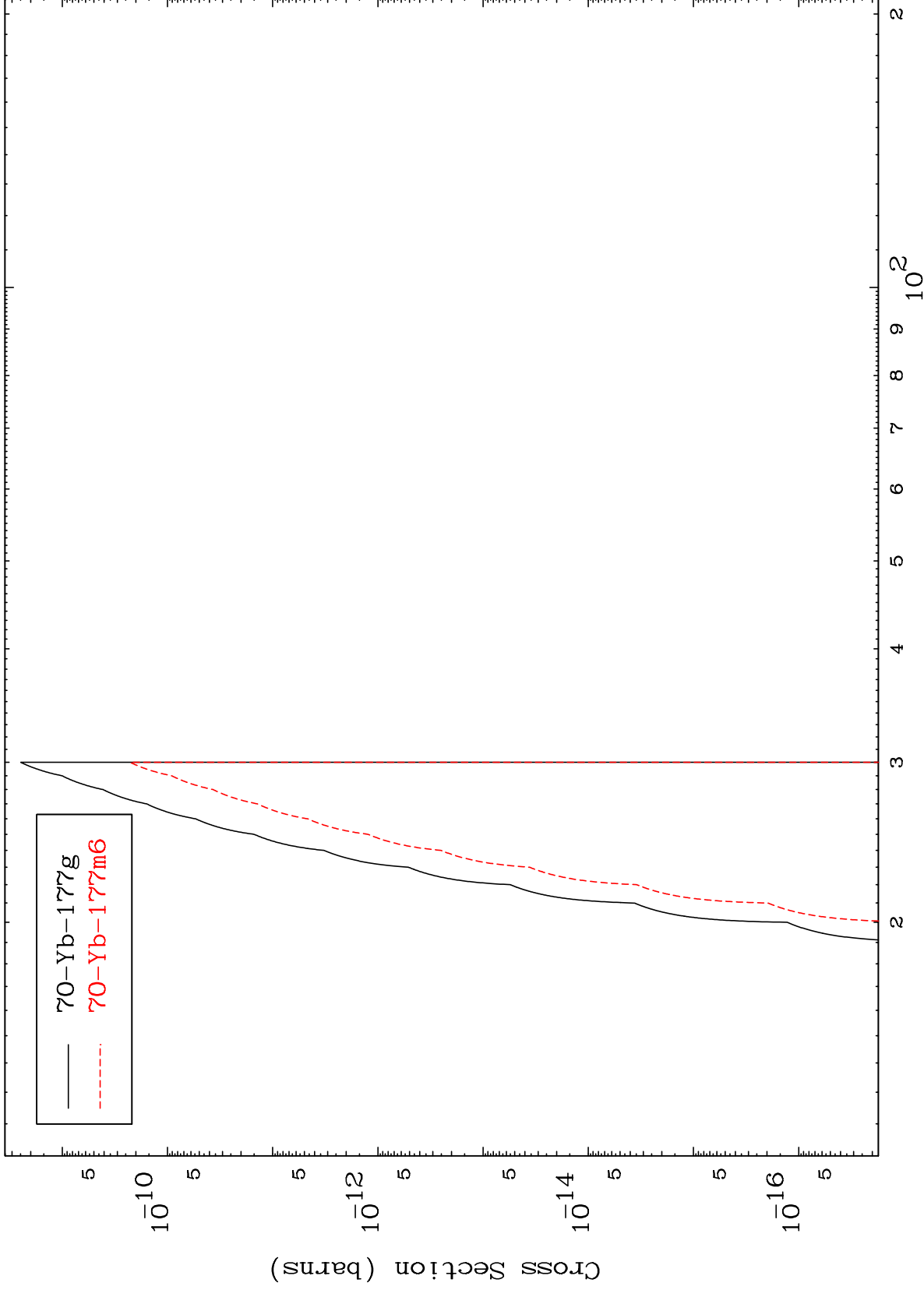


MAT 7241

(n,p) d

⁷²Hf-179m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷²Hf-179m

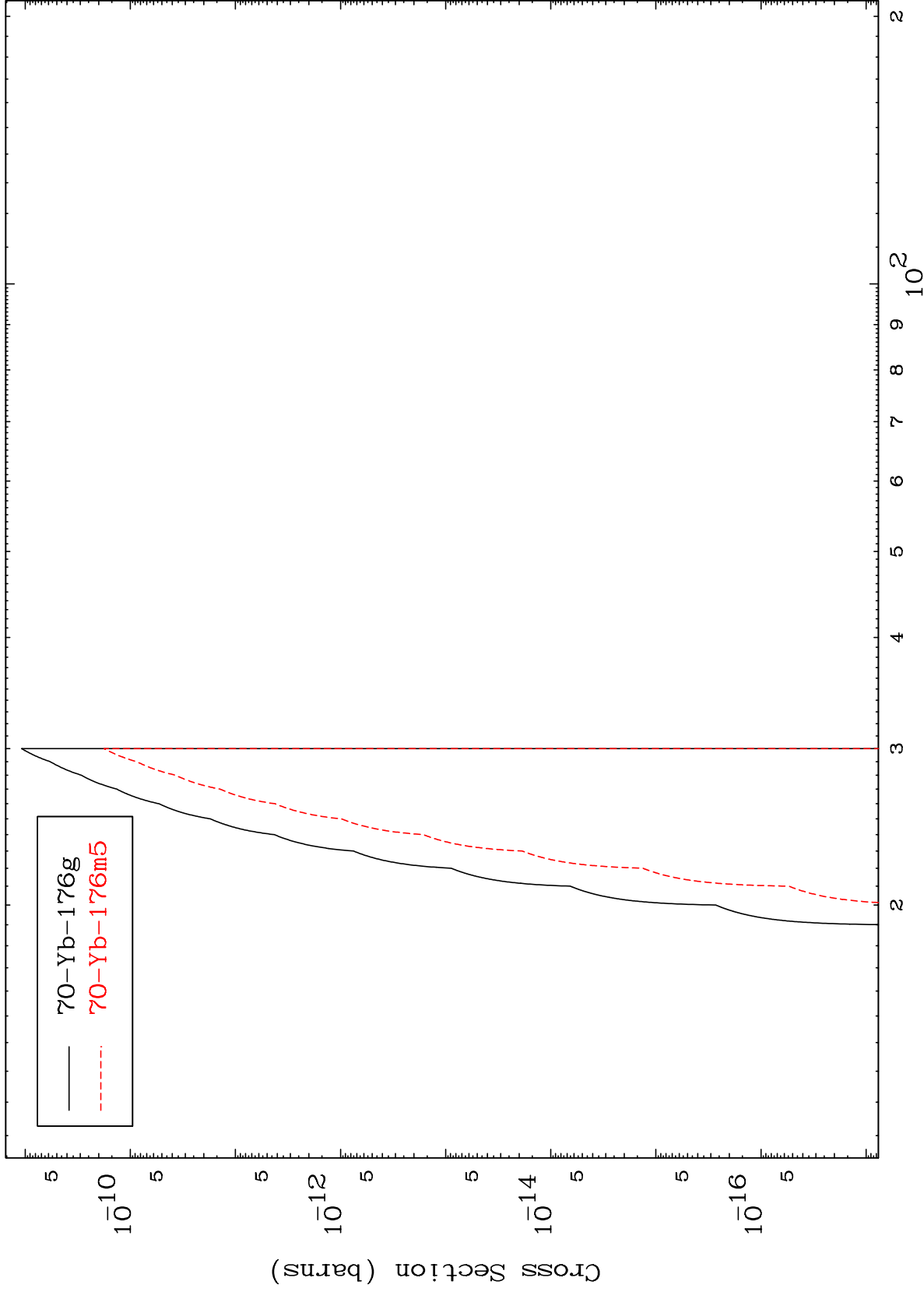
35

MAT 7241

(n,p) t

⁷²Hf-179m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷²Hf-179m

36