

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

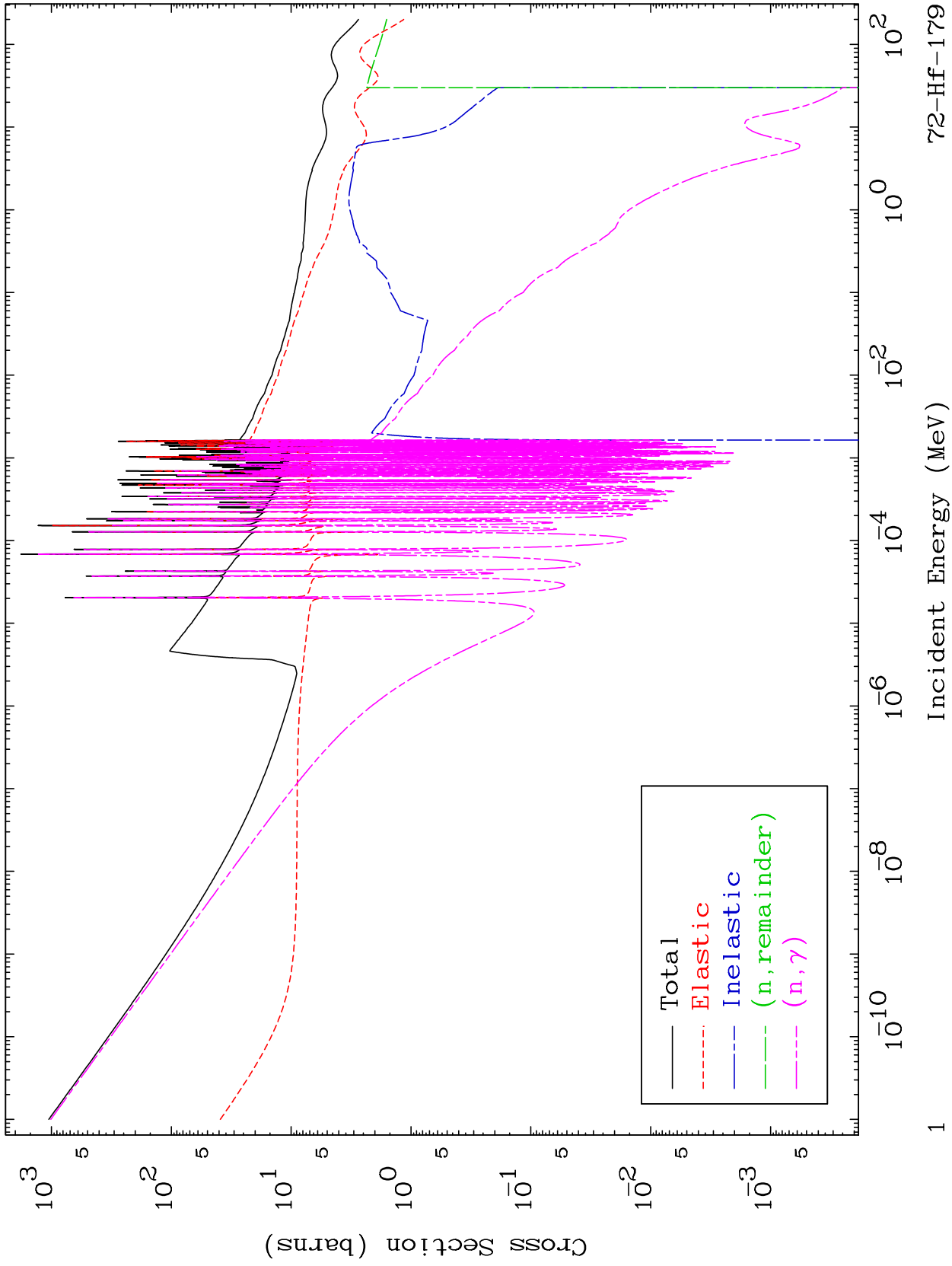
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7241

Major
293 Kelvin Cross Sections

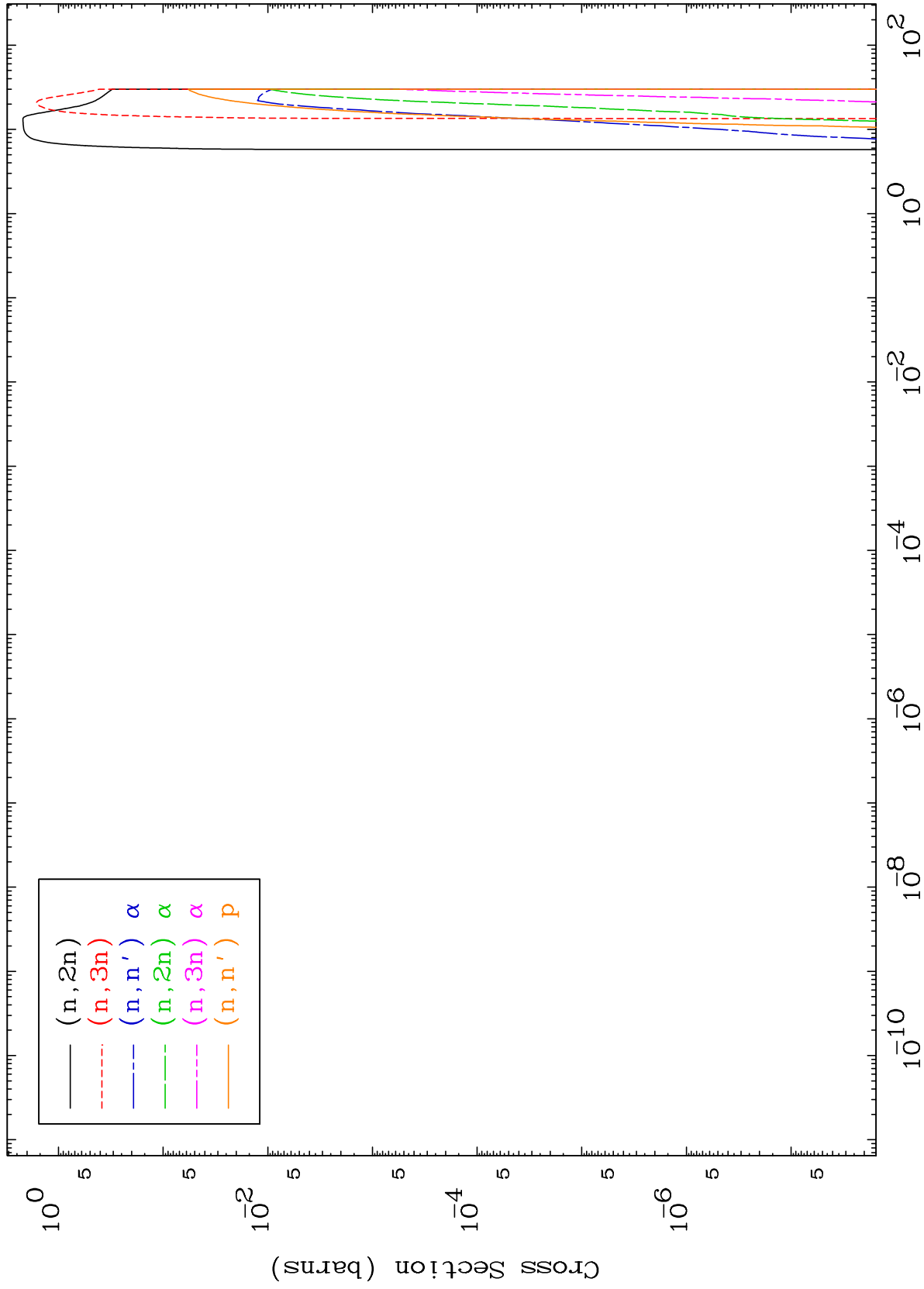
72-Hf-179



MAT 7241

Neutron Production
293 Kelvin Cross Sections

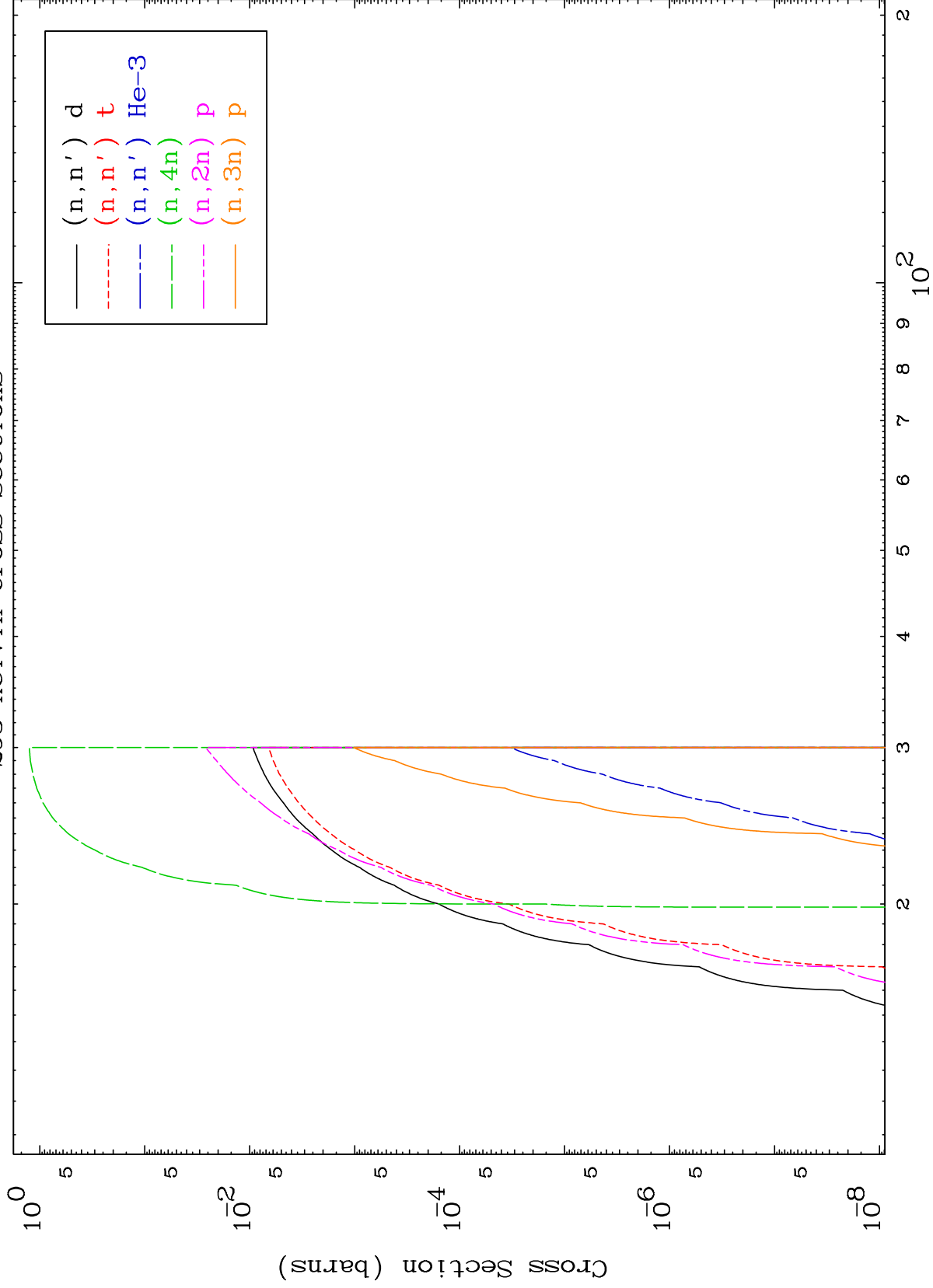
72-Hf-179



2

Incident Energy (MeV)

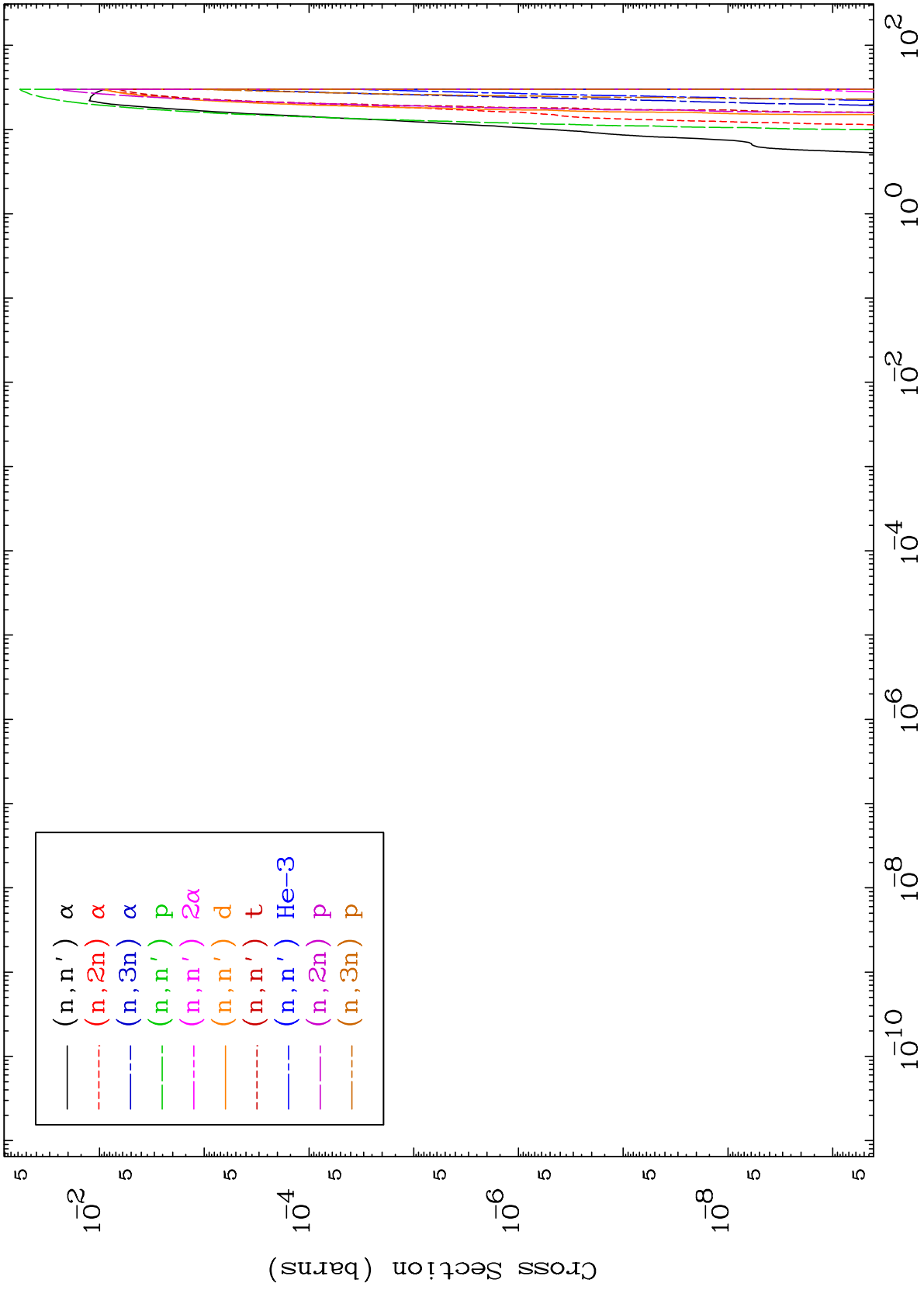
72-Hf-179



MAT 7241

293 Kelvin Cross Sections

72-Hf-179

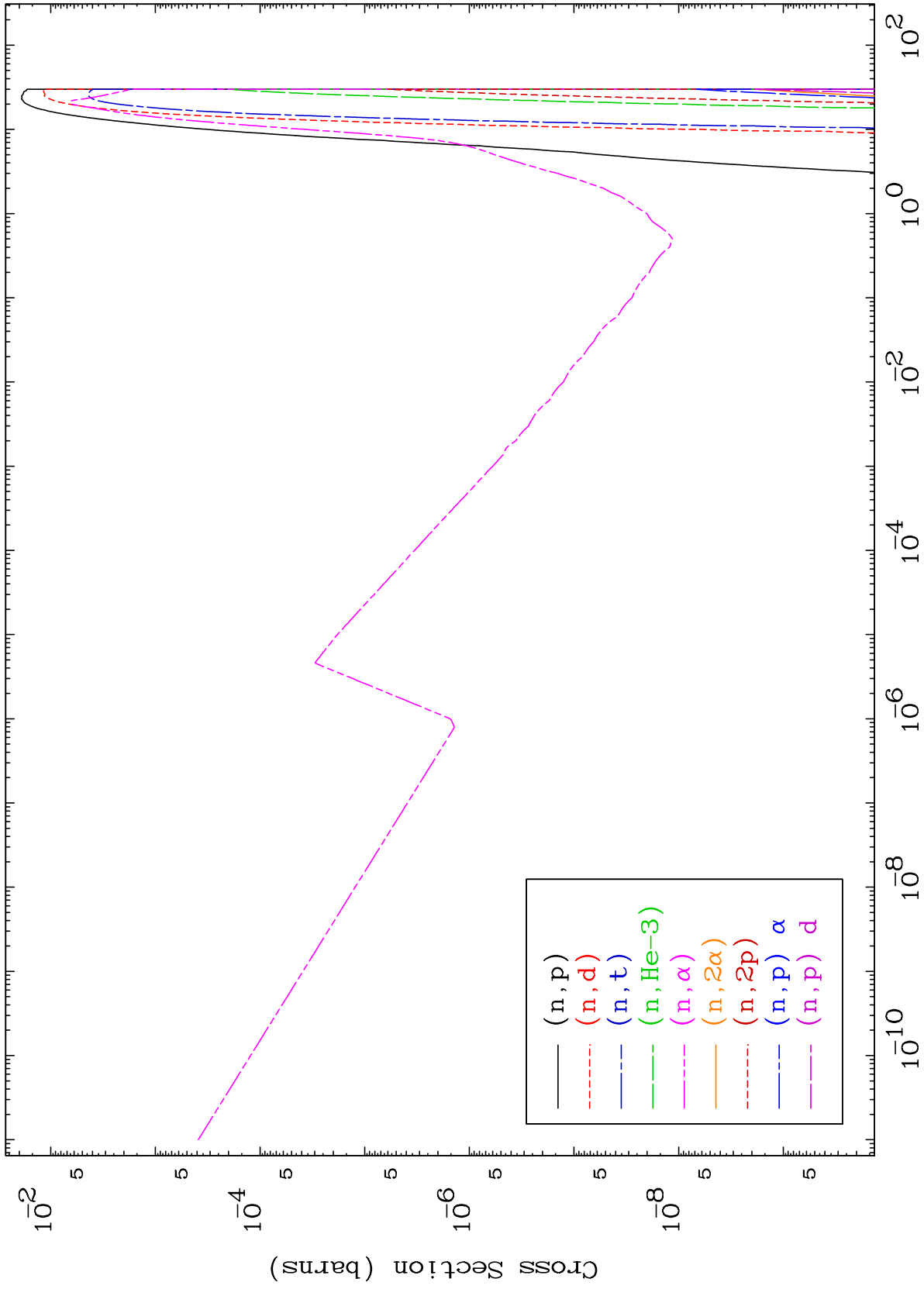


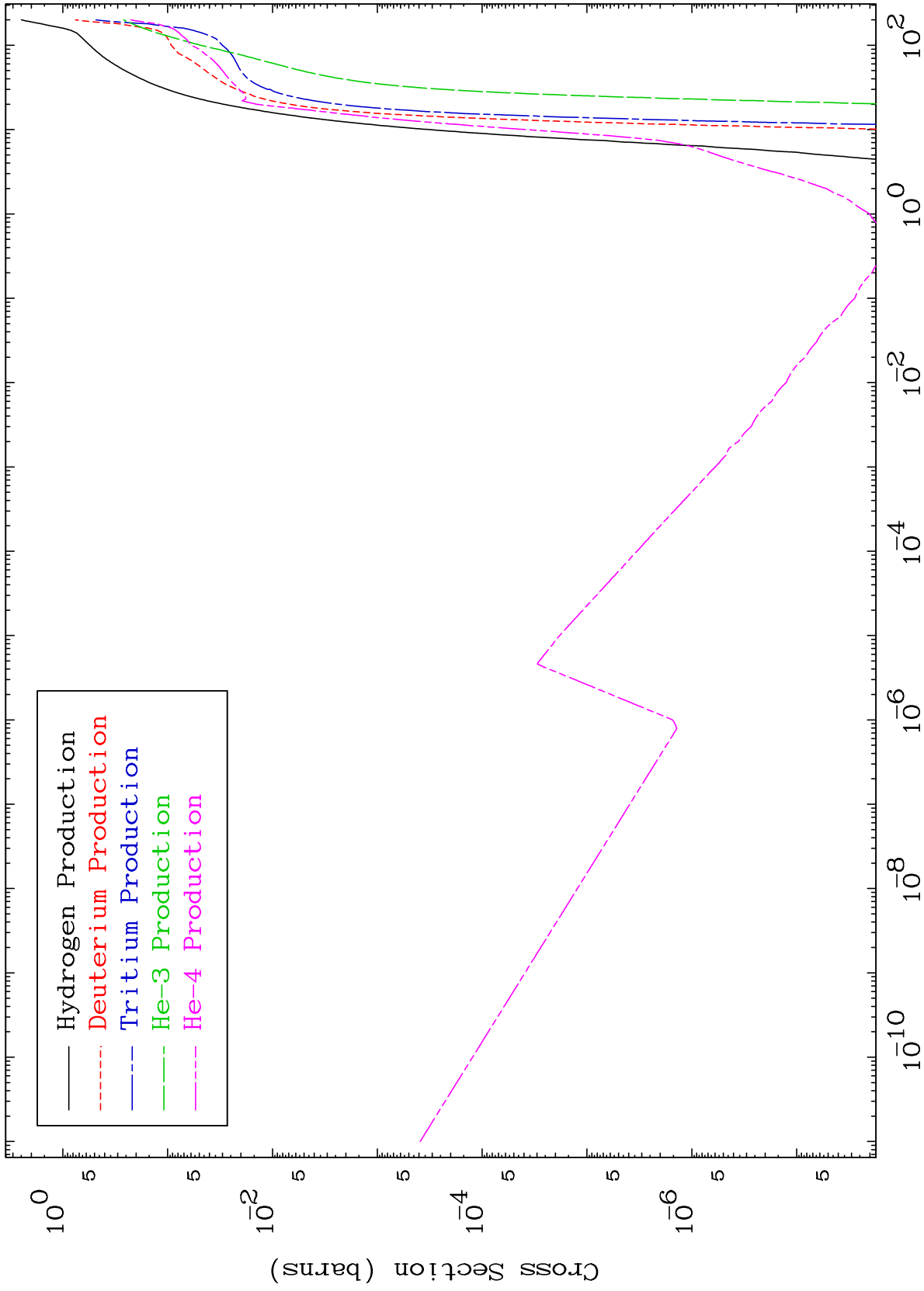
72-Hf-179

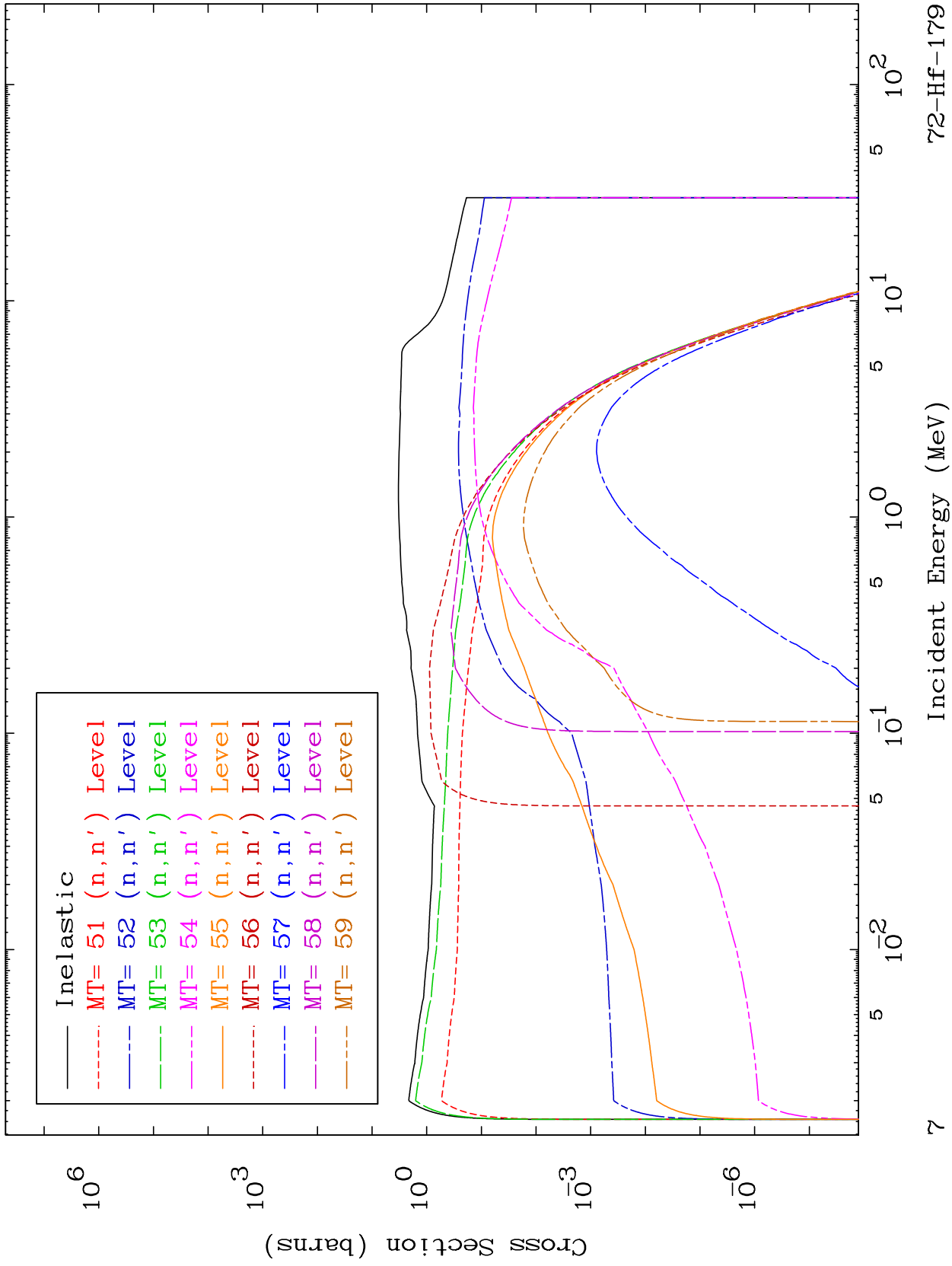
MAT 7241

293 Kelvin Cross Sections

72-Hf-179





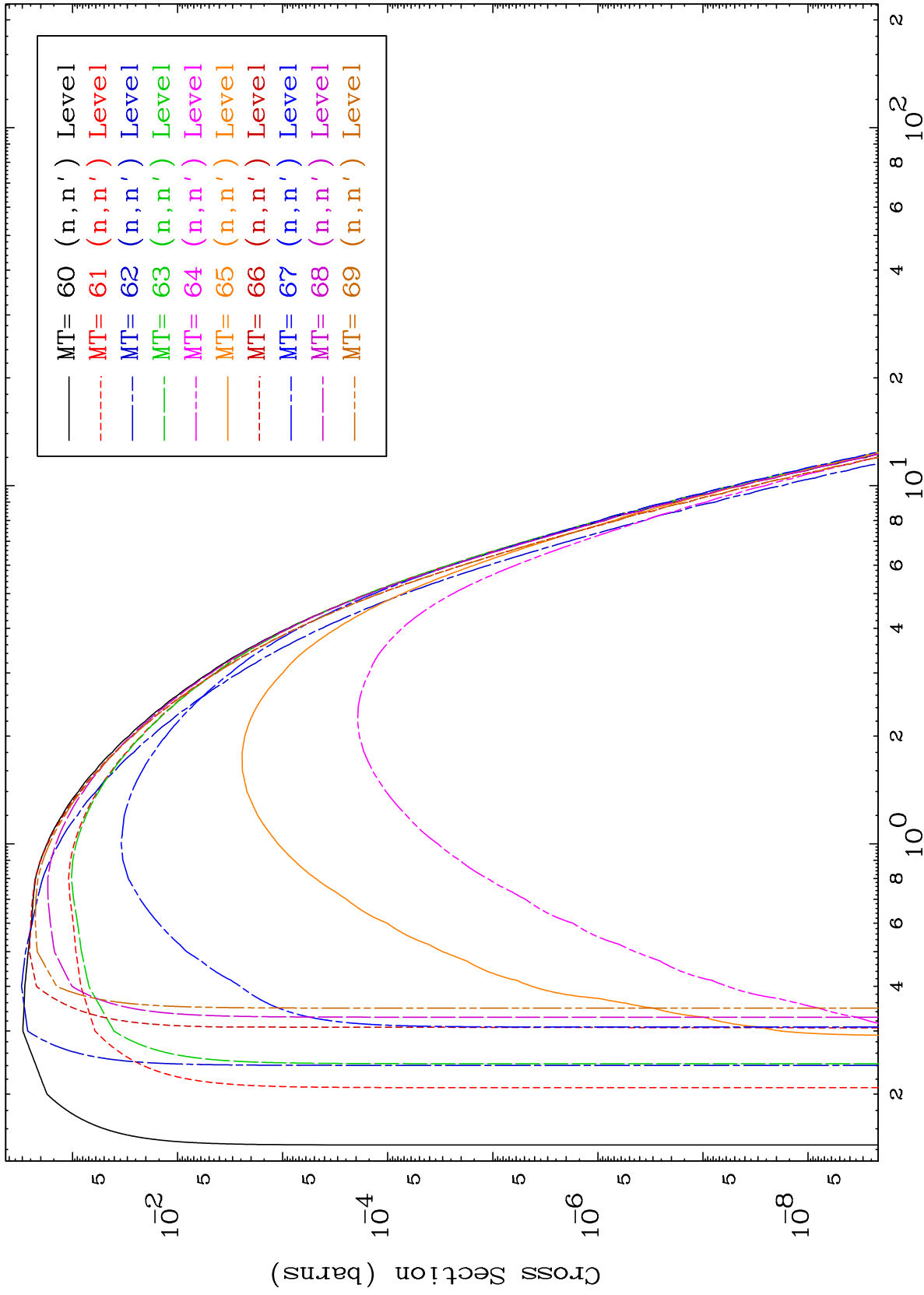


MAT 7241

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



8

Incident Energy (MeV)

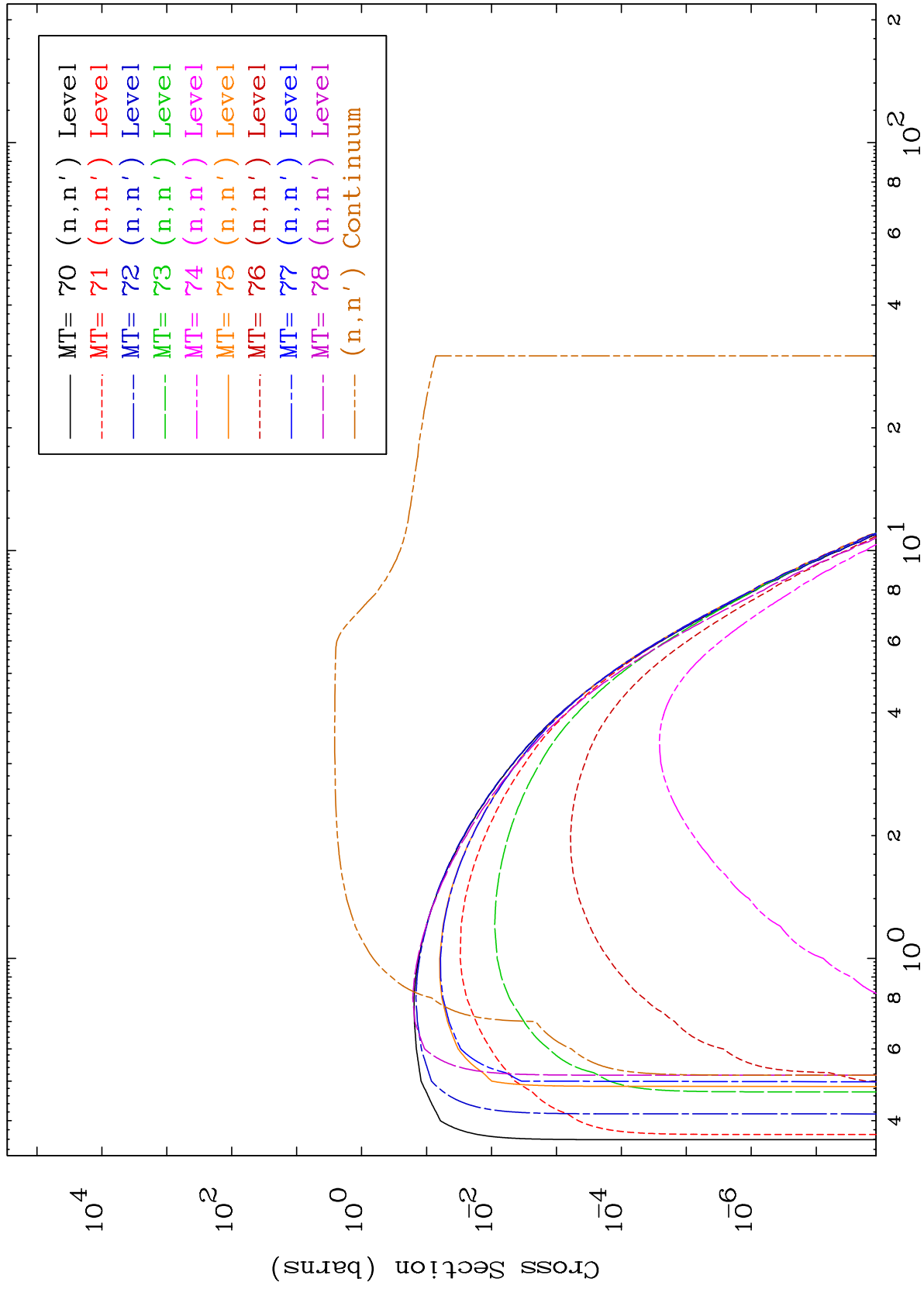
72-Hf-179

MAT 7241

(n,n') Level

293 Kelvin Cross Sections

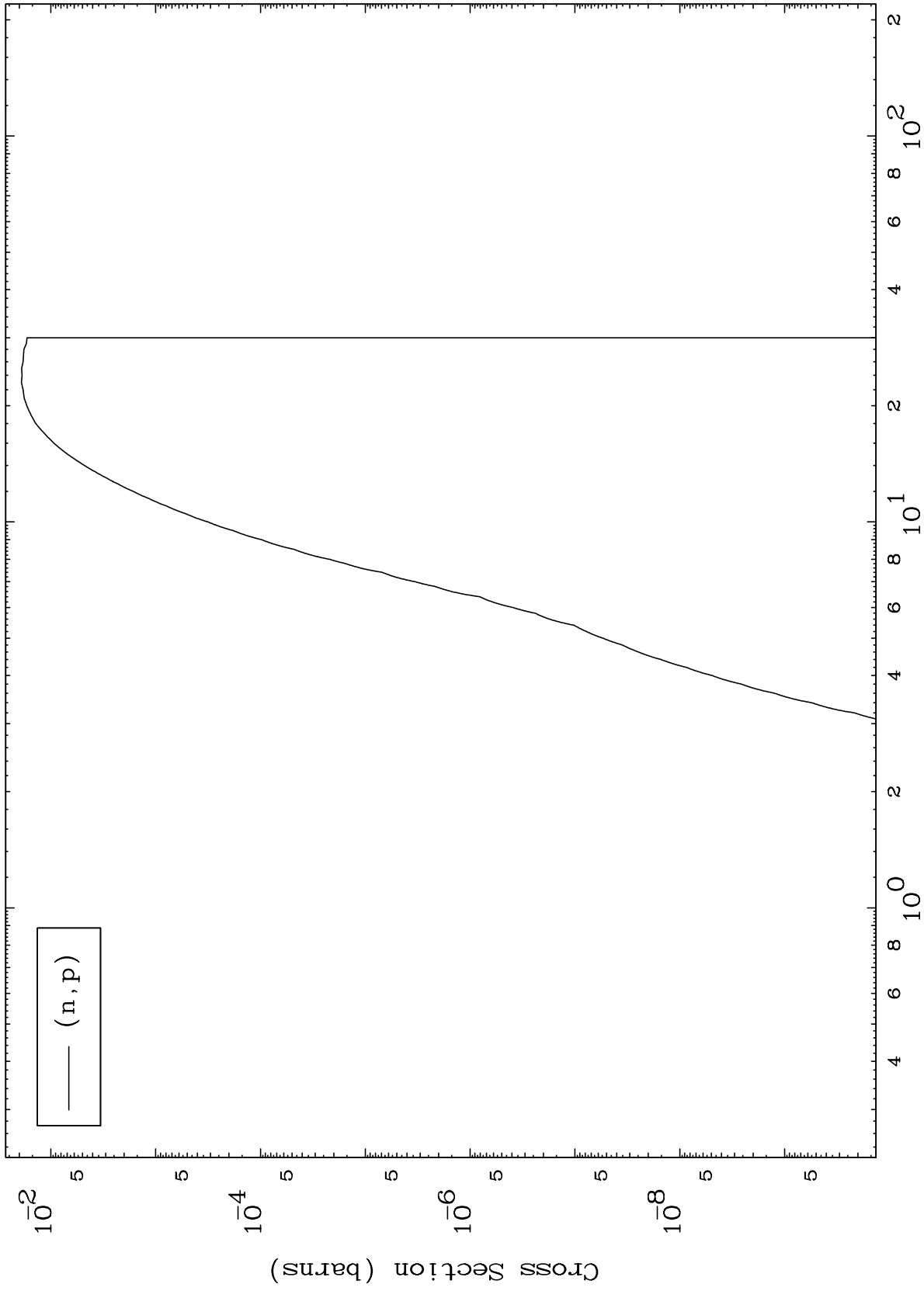
72-Hf-179



MAT 7241

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

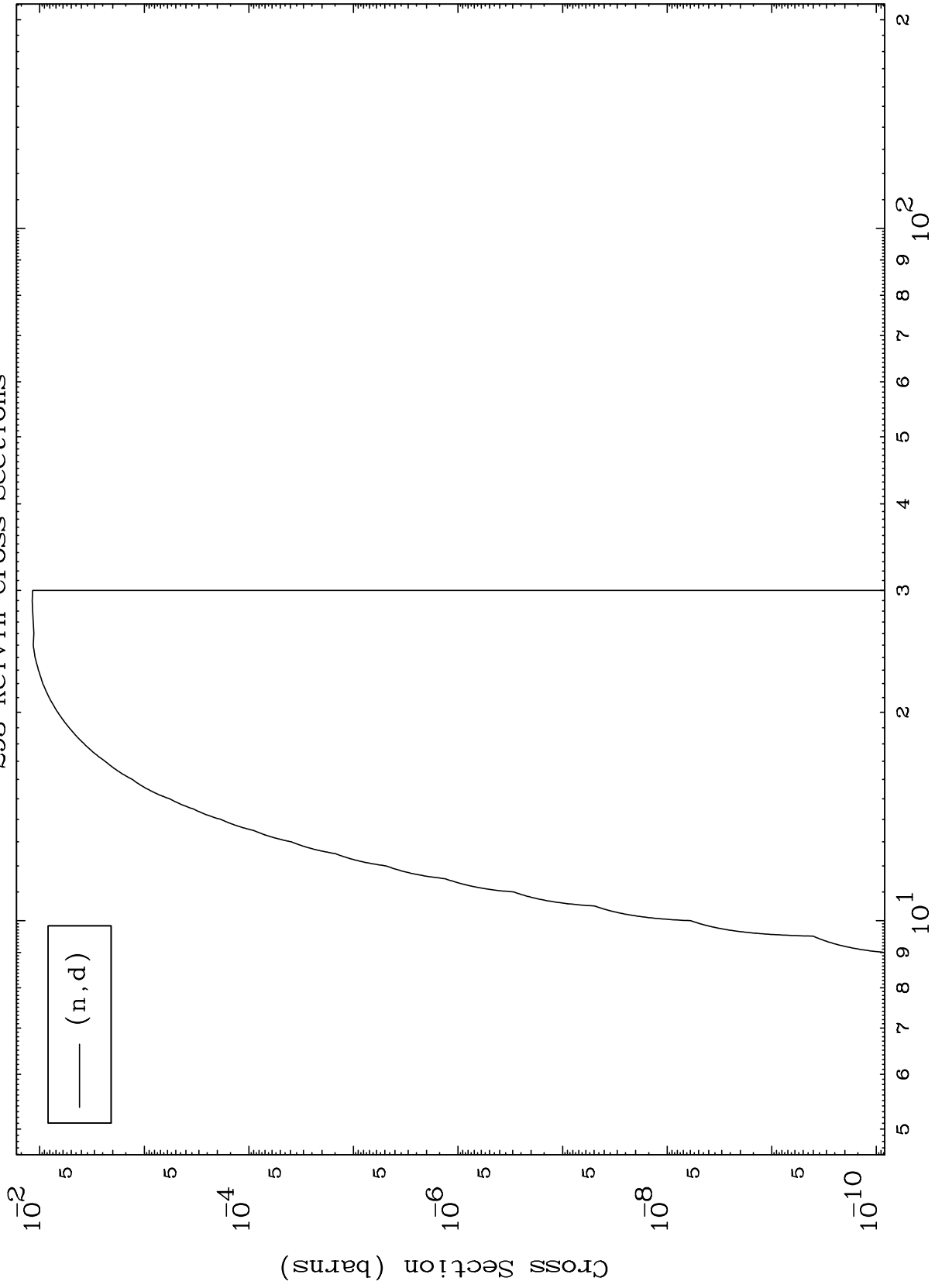
Incident Energy (MeV)

72-Hf-179

MAT 7241

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179



11

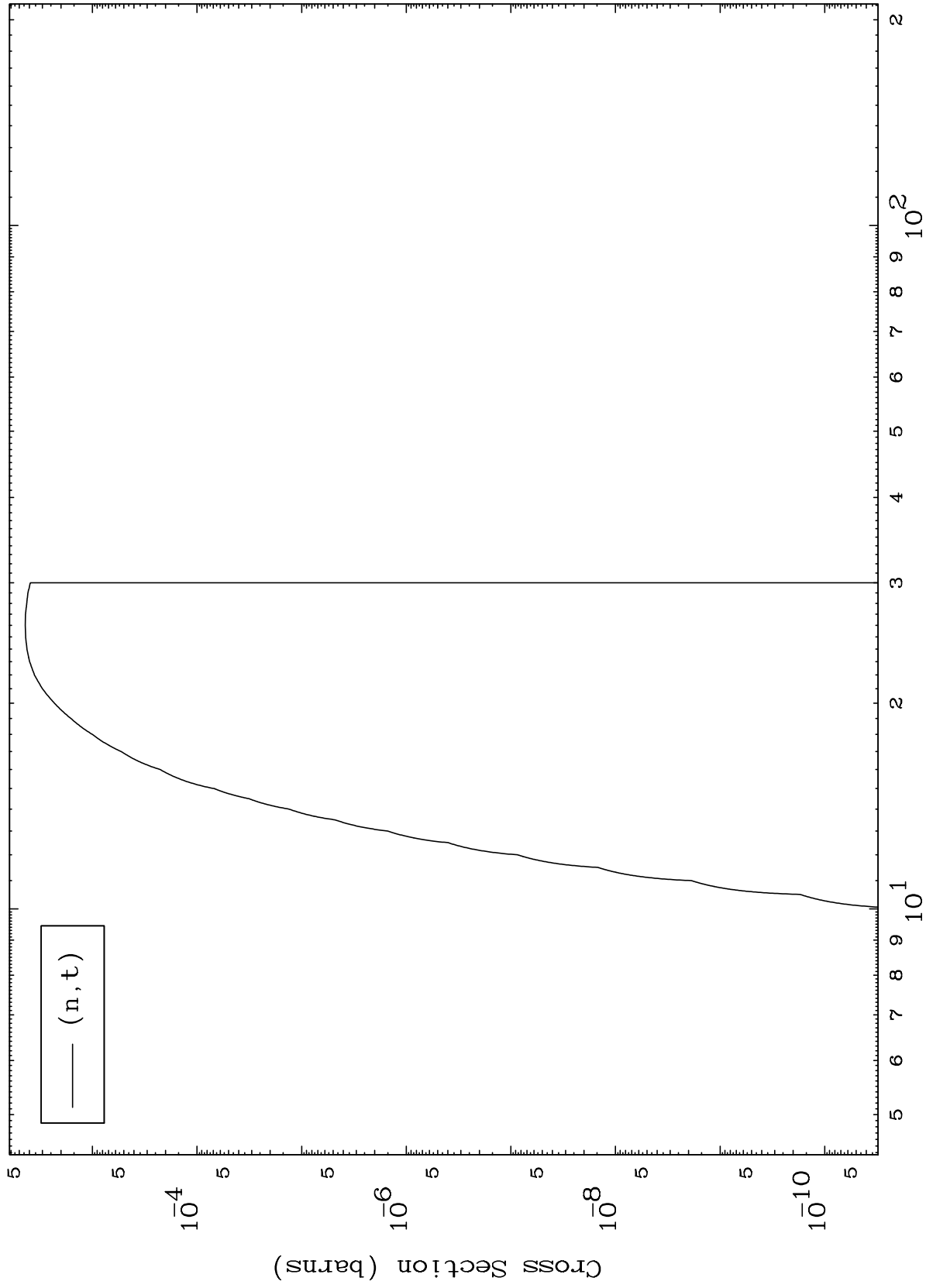
Incident Energy (MeV)

72-Hf-179

MAT 7241

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

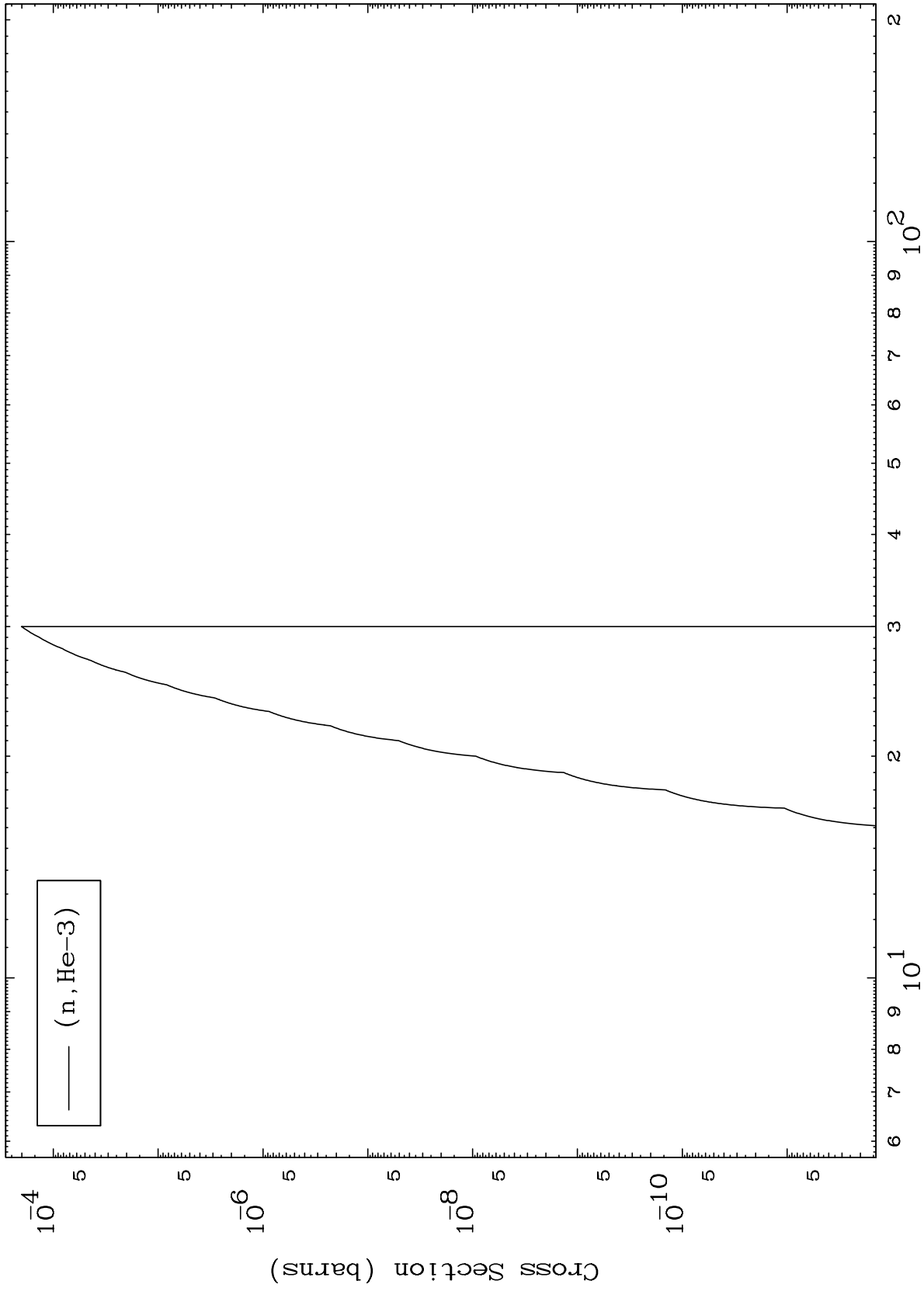
Incident Energy (MeV)

72-Hf-179

MAT 7241

(n,He3) Levels
293 Kelvin Cross Sections

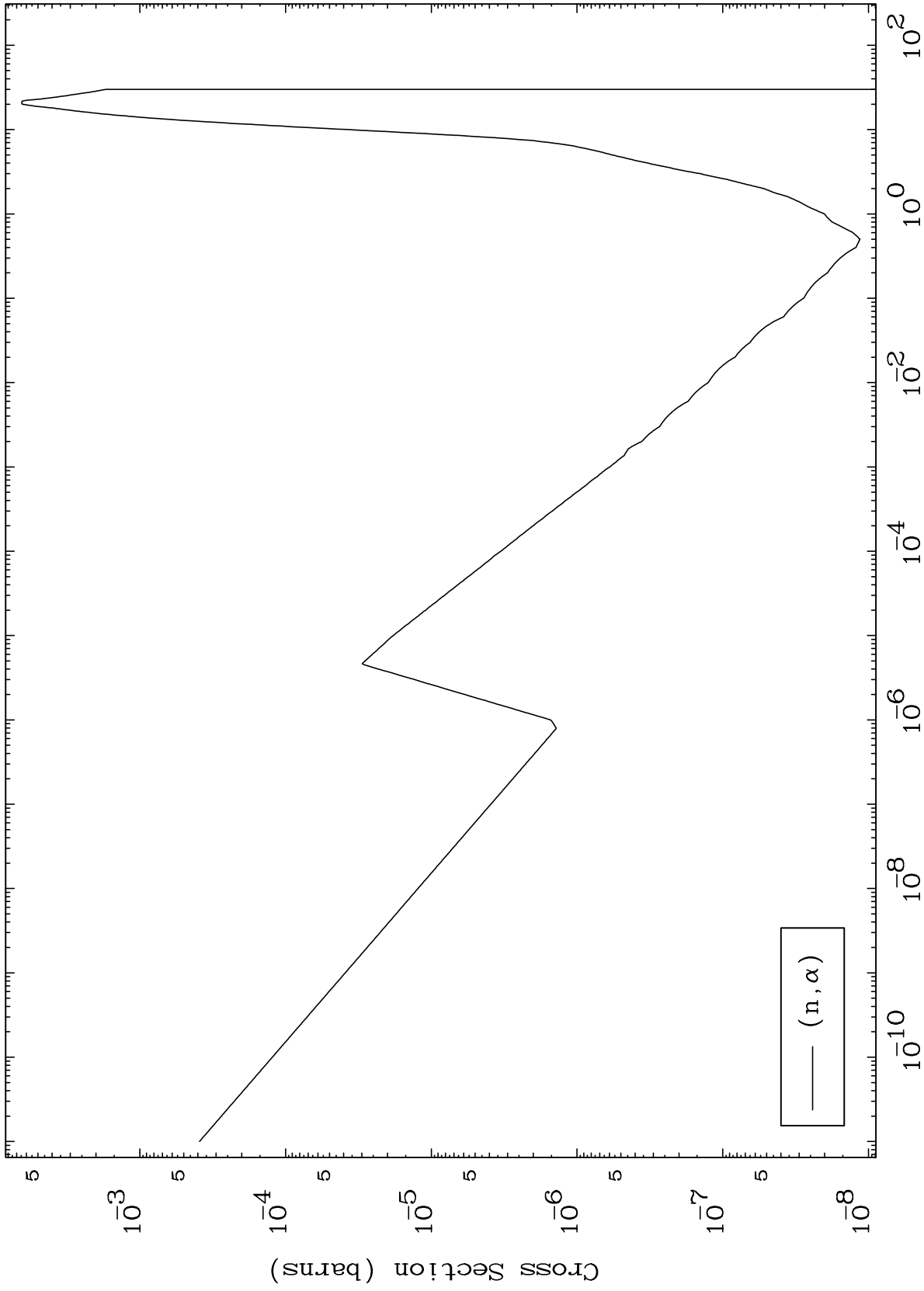
72-Hf-179



MAT 7241

(n,α) Levels
293 Kelvin Cross Sections

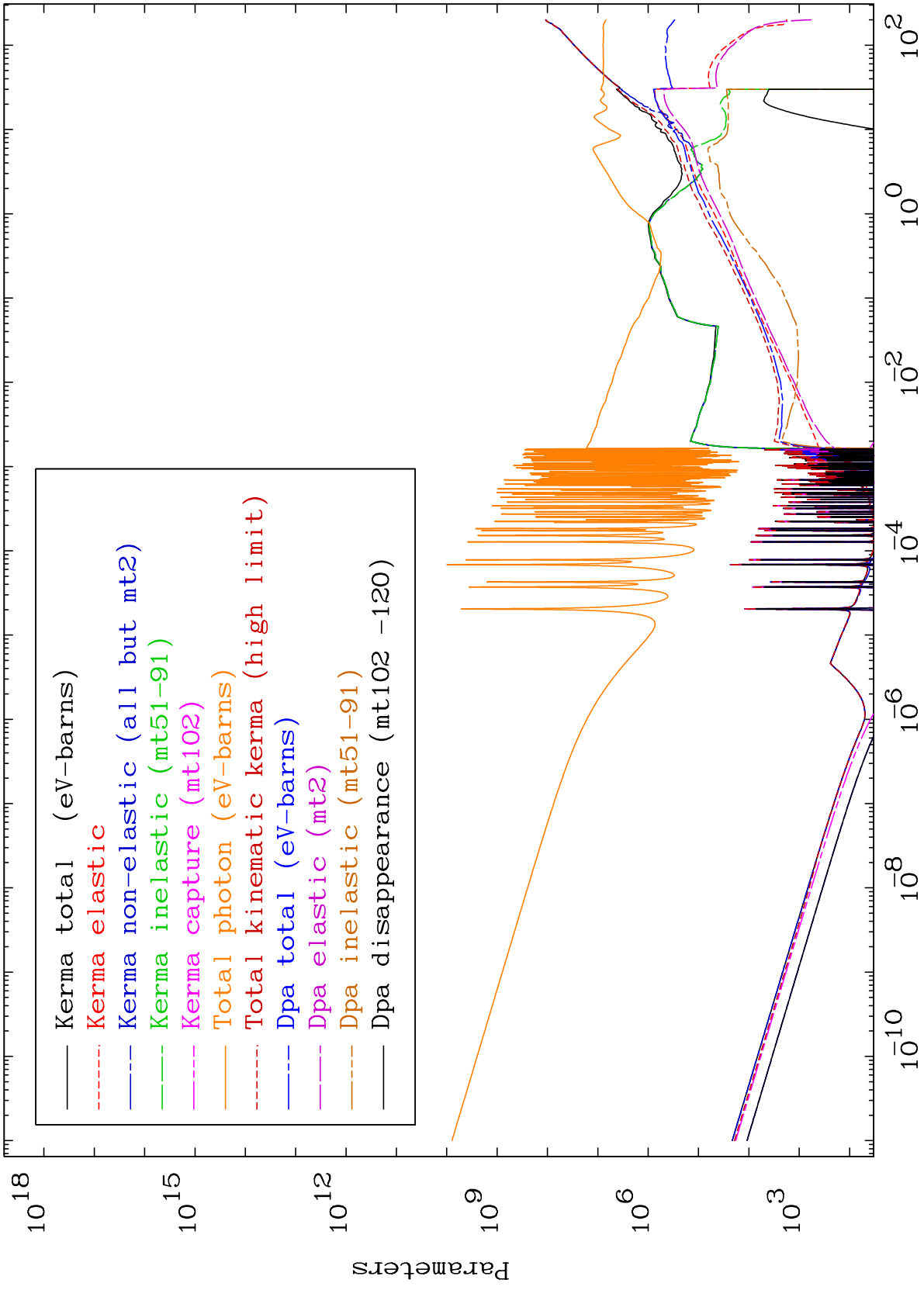
72-Hf-179

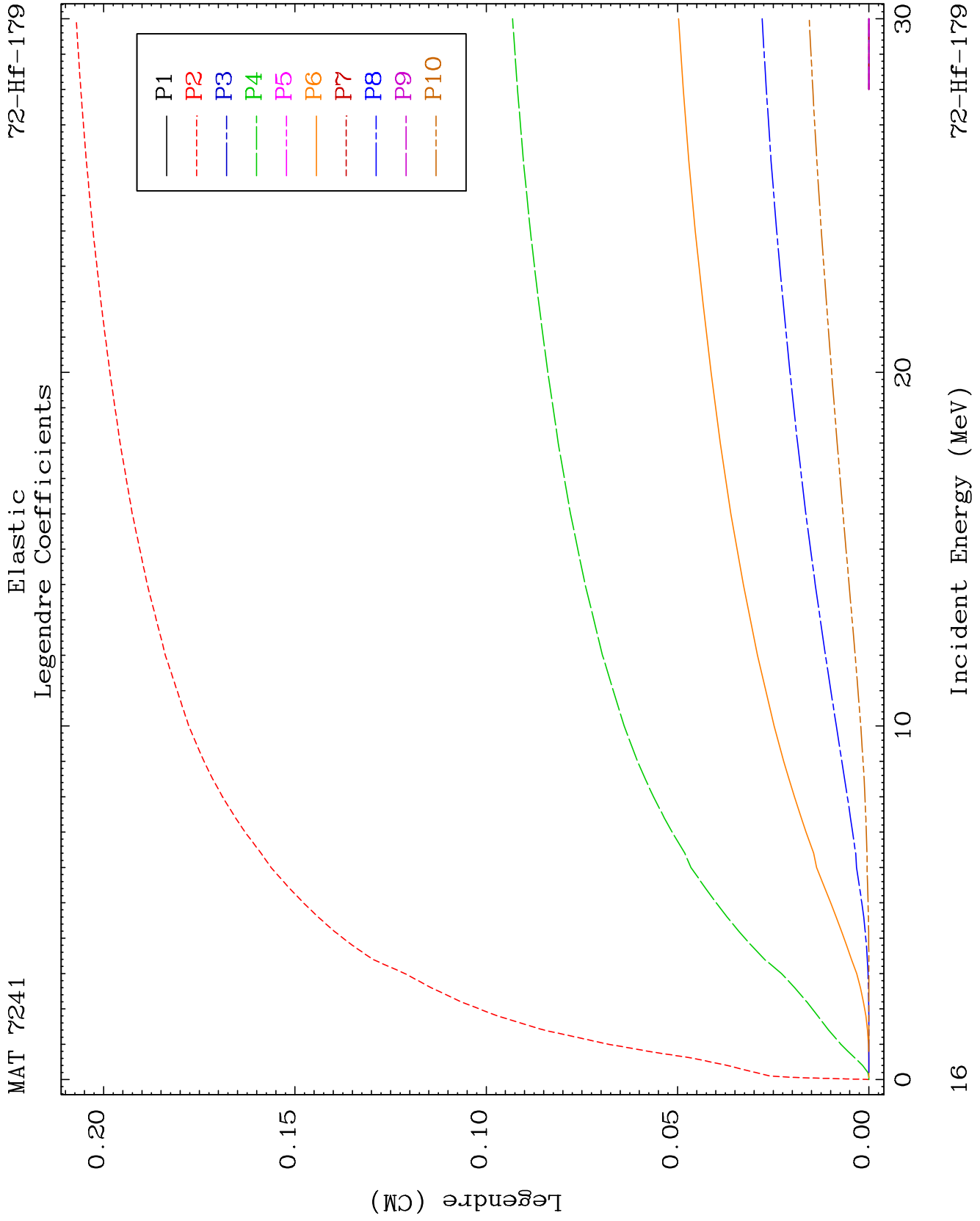


14

Incident Energy (MeV)

72-Hf-179

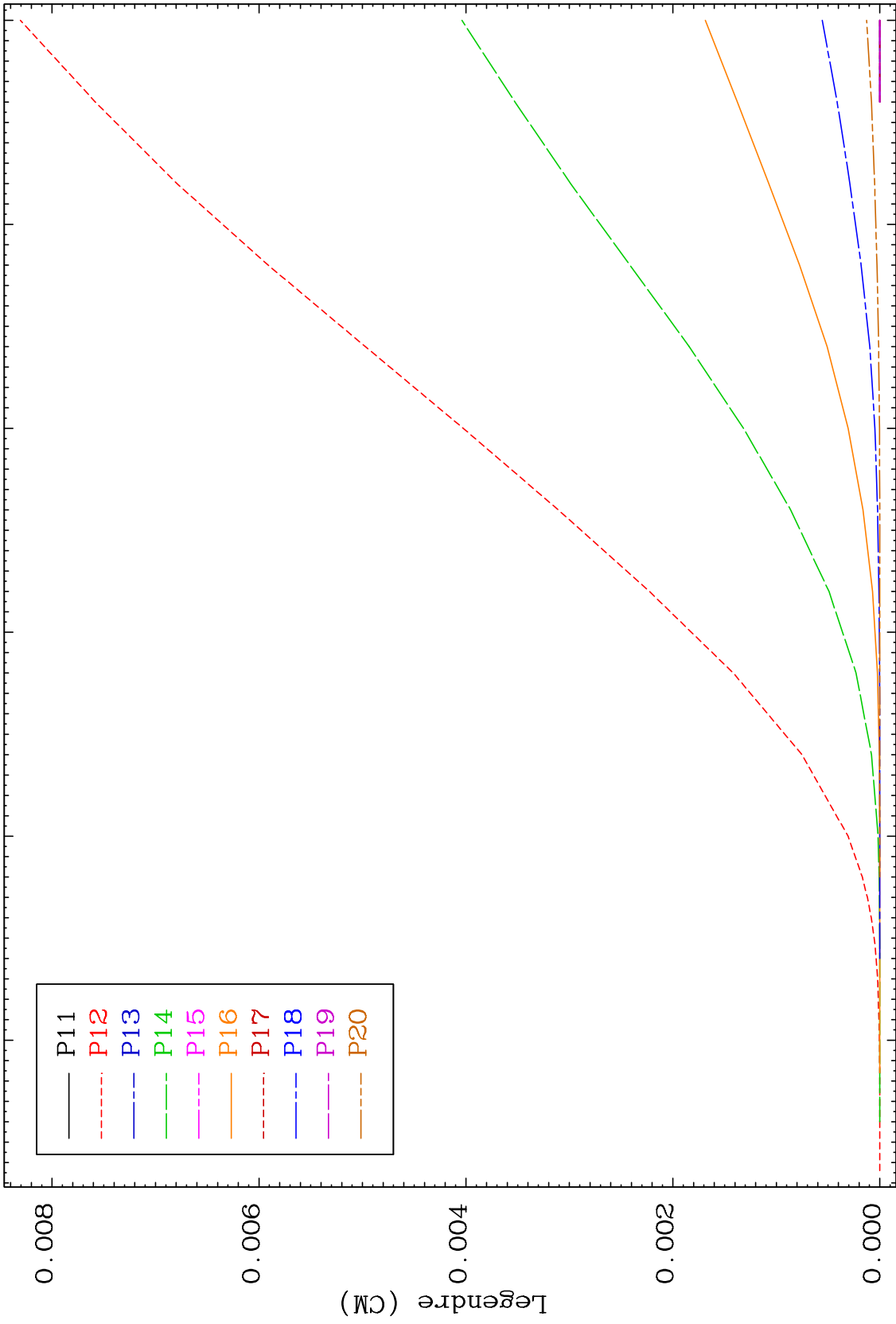




MAT 7241

Elastic Legendre Coefficients

72-Hf-179



17

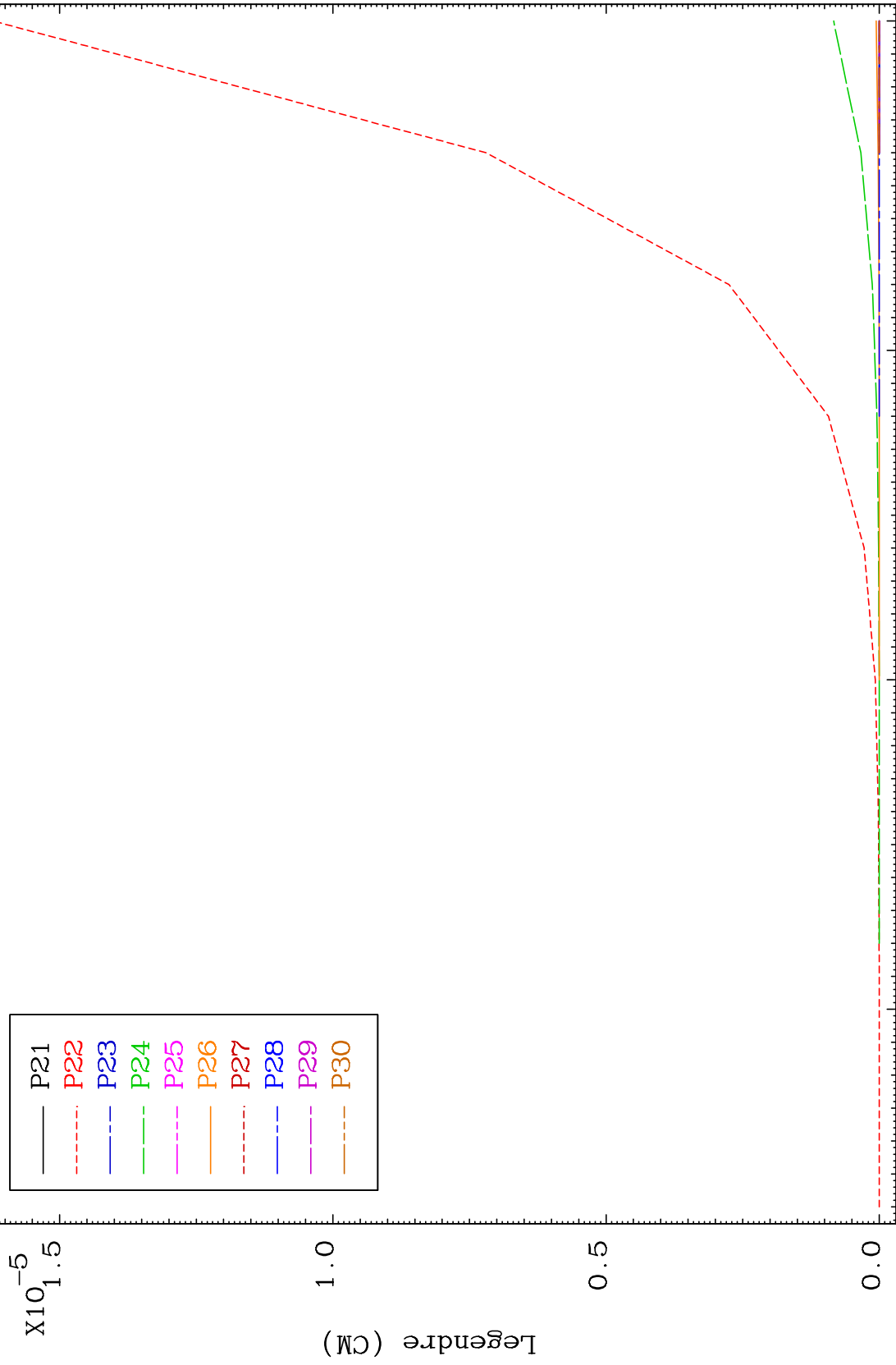
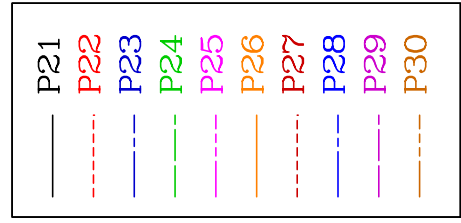
Incident Energy (MeV)

72-Hf-179

MAT 7241

Elastic
Legendre Coefficients

72-Hf-179



18

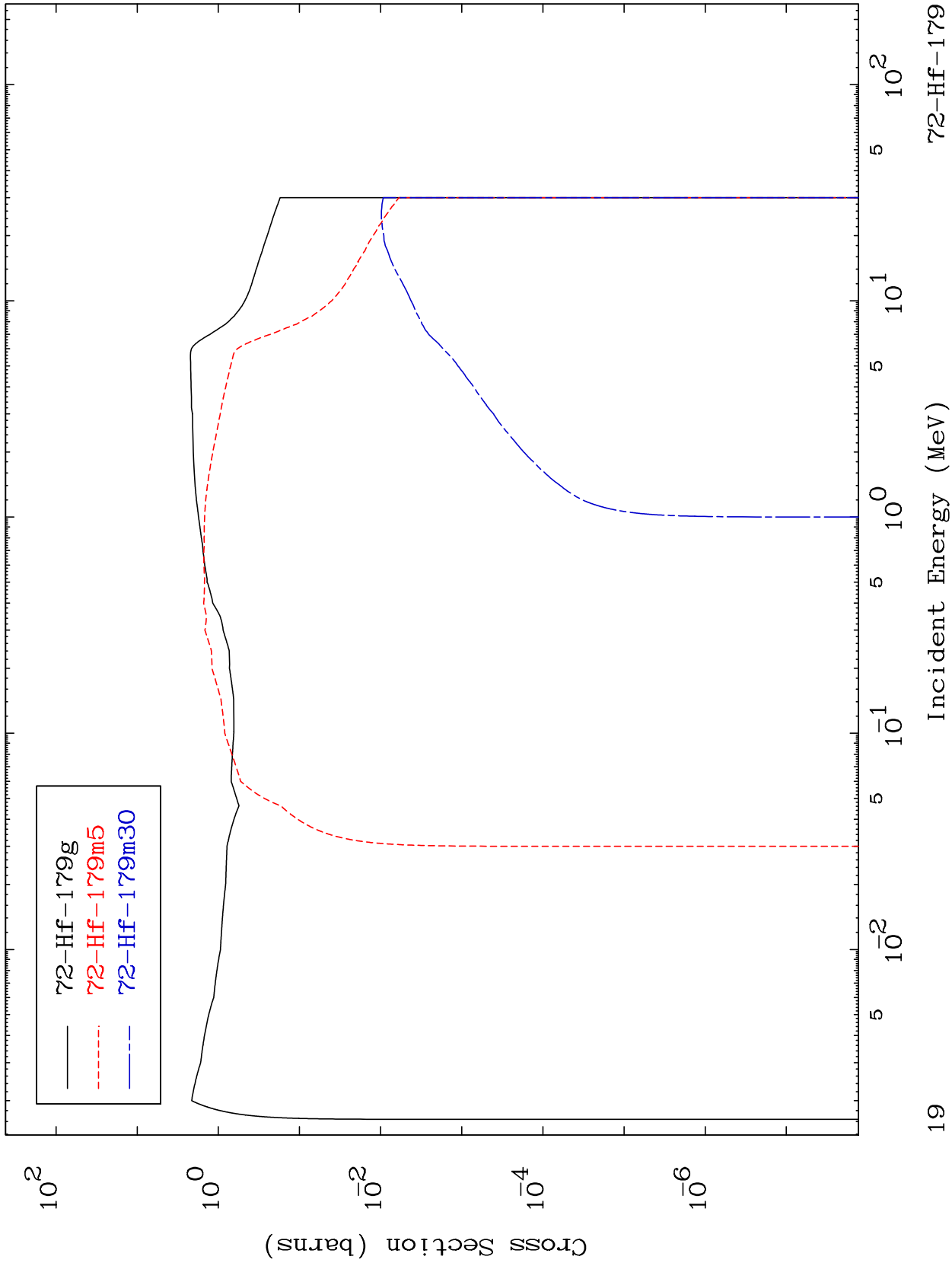
Incident Energy (MeV)

72-Hf-179

MAT 7241

Radionuclide Production Cross Section

72-Hf-179

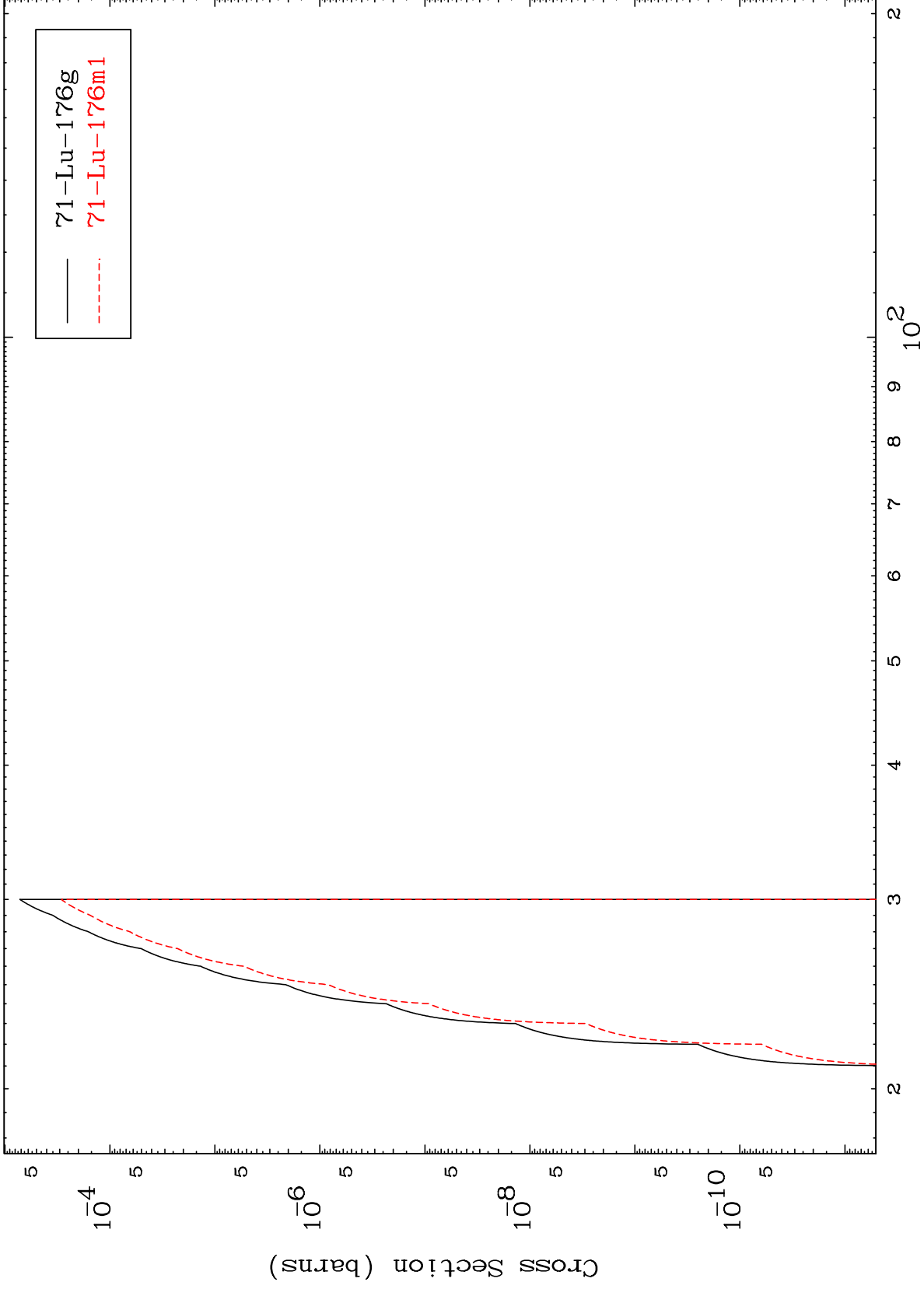


MAT 7241

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



20

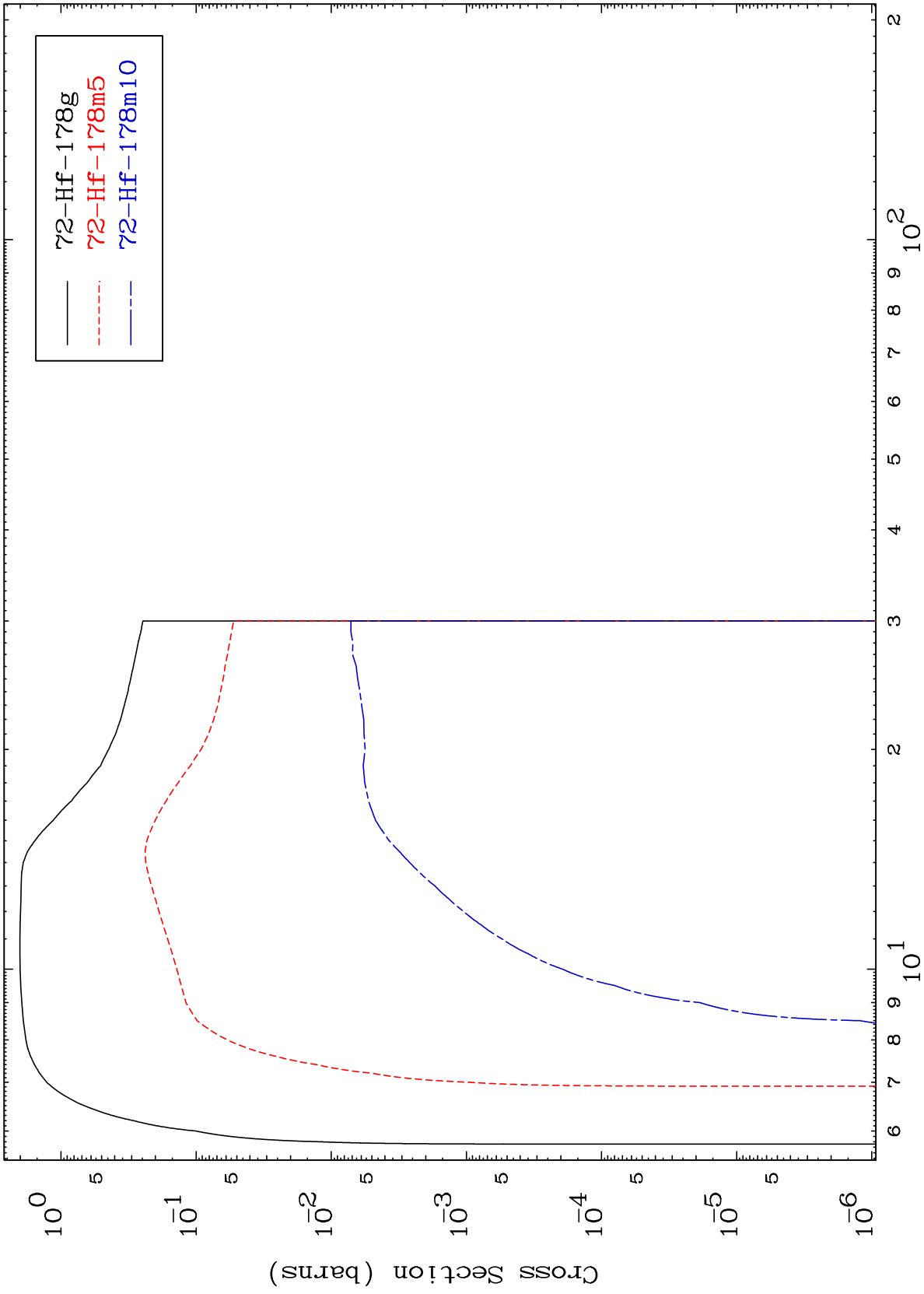
Incident Energy (MeV)

72-Hf-179

MAT 7241

72-Hf-179

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

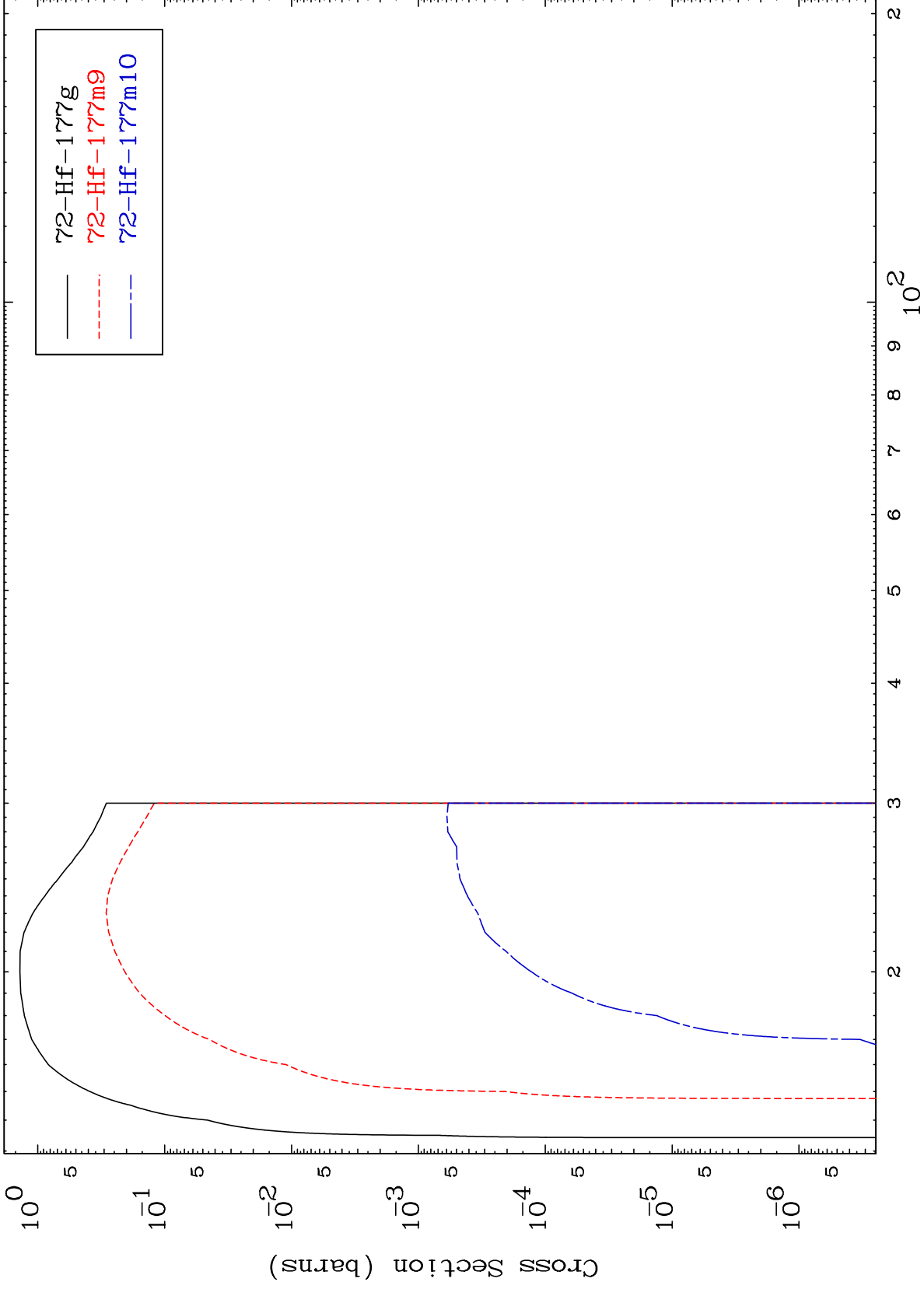
72-Hf-179

MAT 7241

(n,3n)

72-Hf-179

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

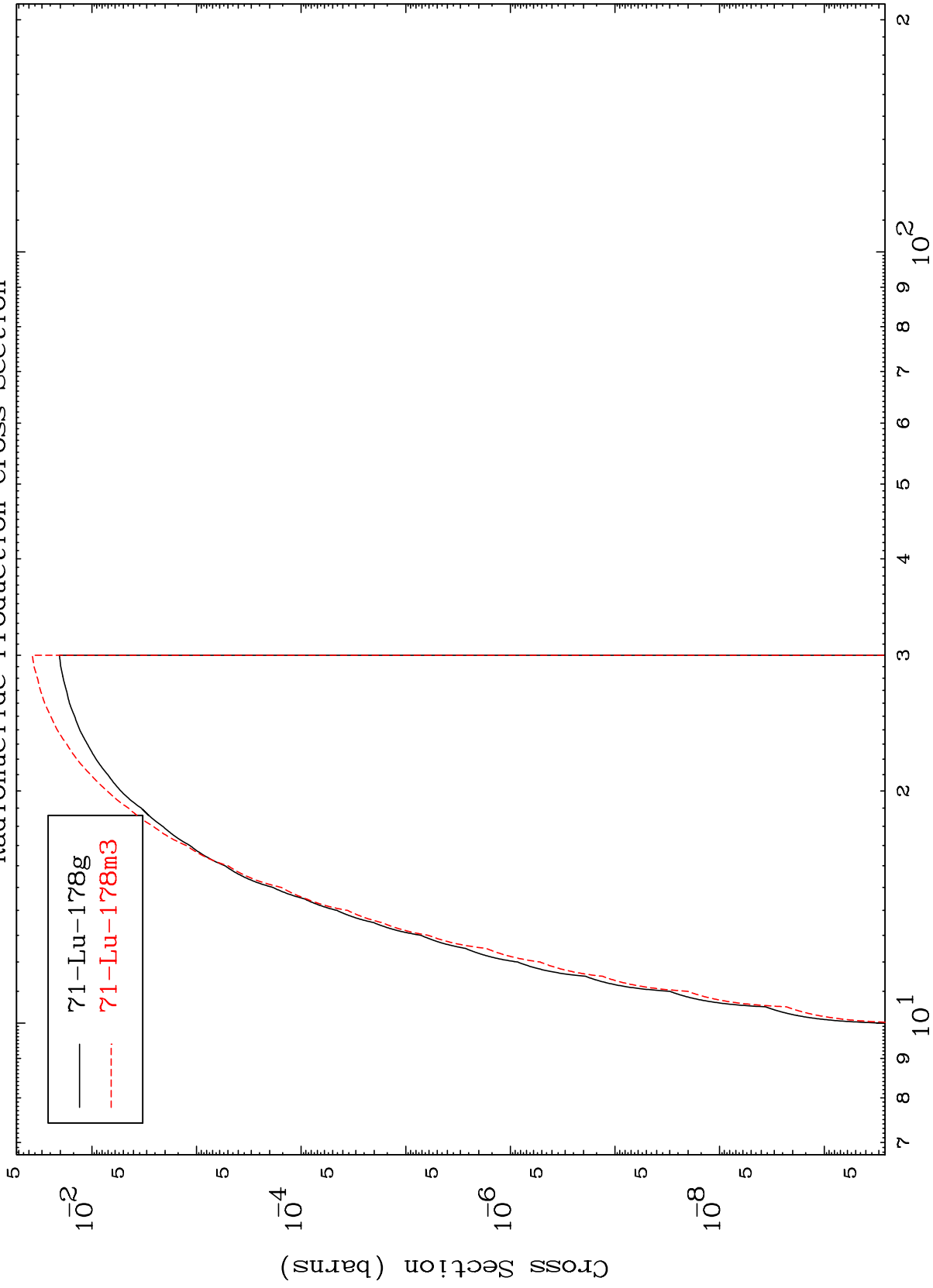
72-Hf-179

MAT 7241

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



23

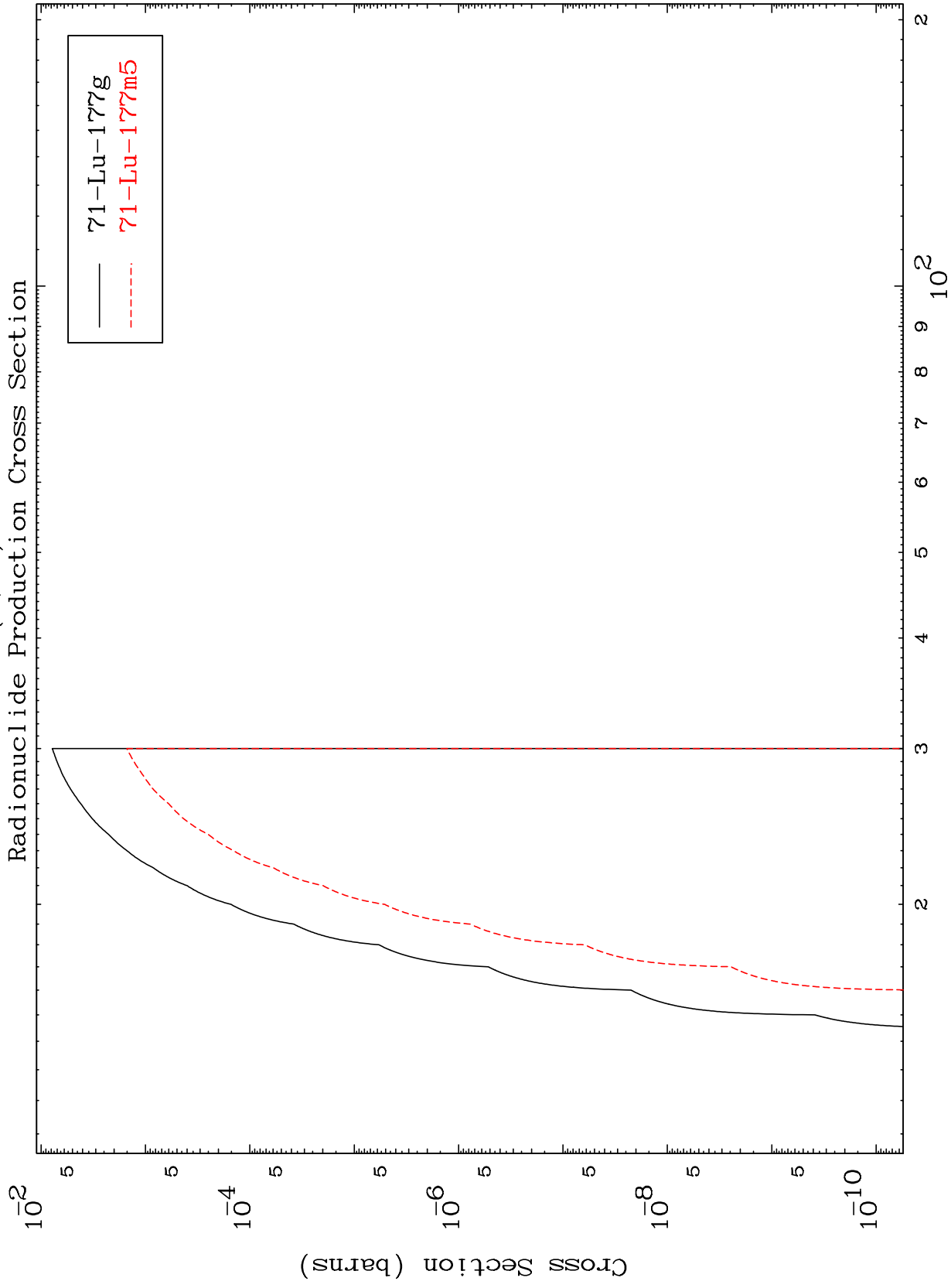
Incident Energy (MeV)

72-Hf-179

MAT 7241

(n, n') d

72-Hf-179



24

72-Hf-179

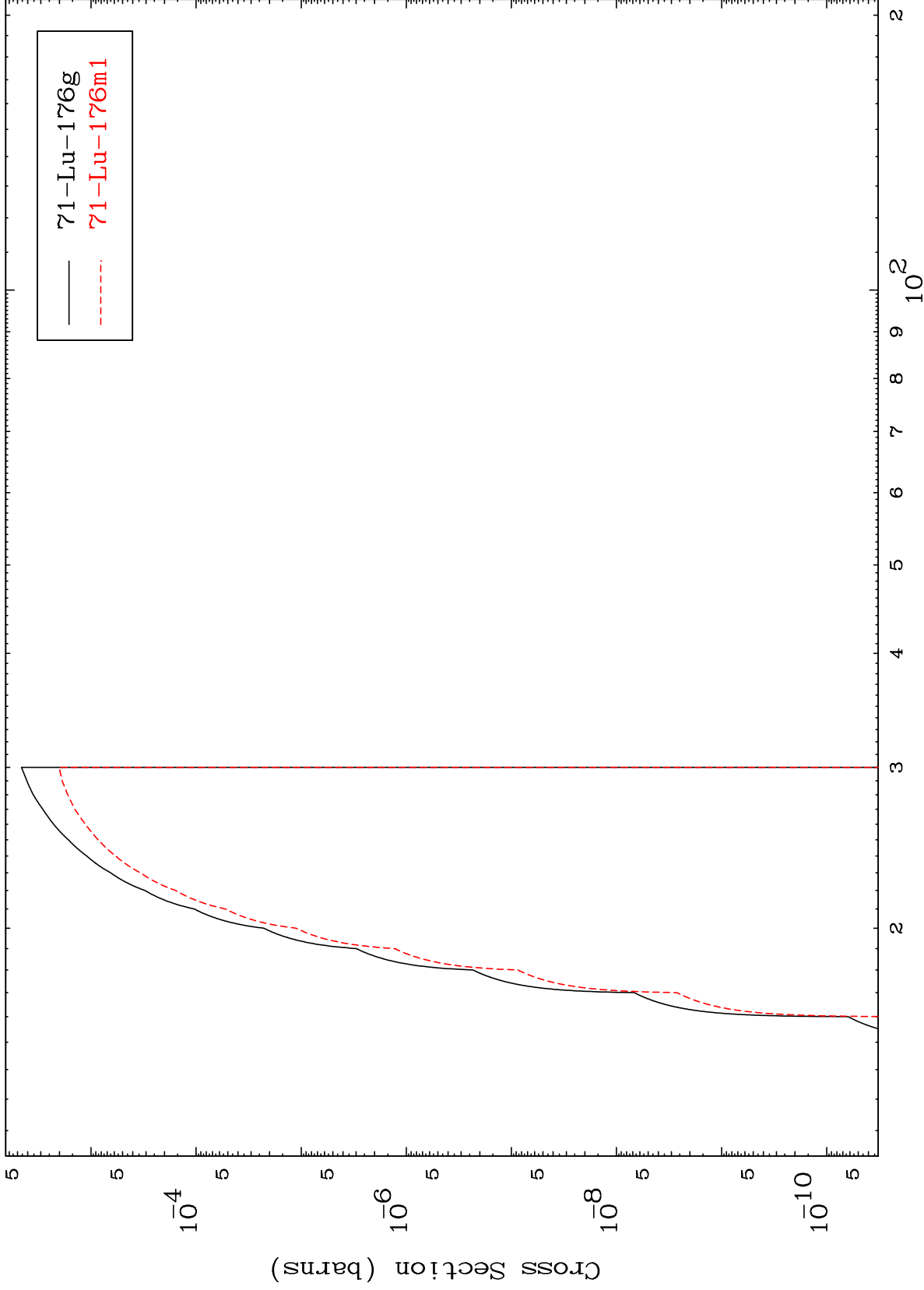
72-Hf-179

MAT 7241

(n,n') t

72-Hf-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

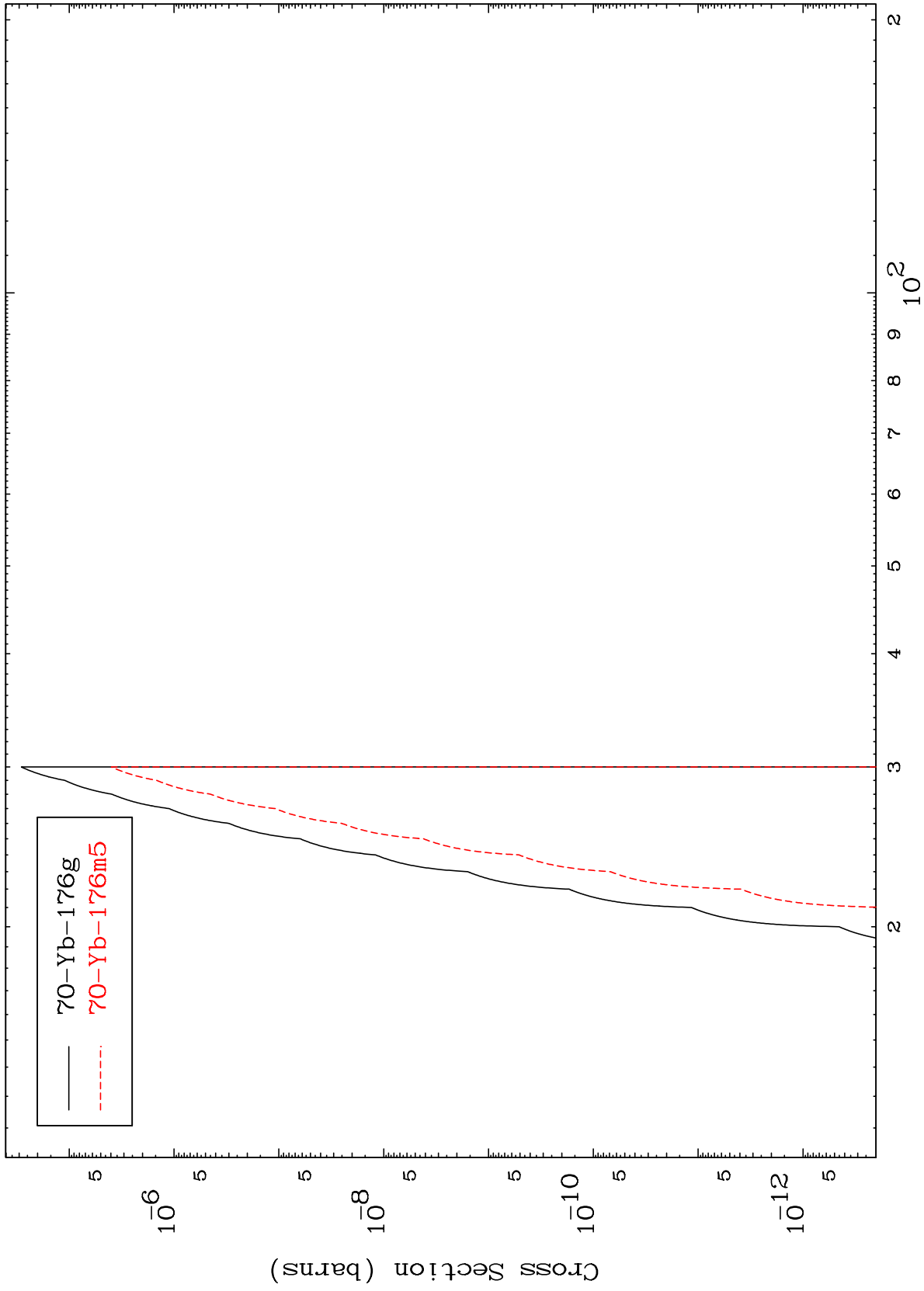
72-Hf-179

MAT 7241

(n, n') He-3

72-Hf-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

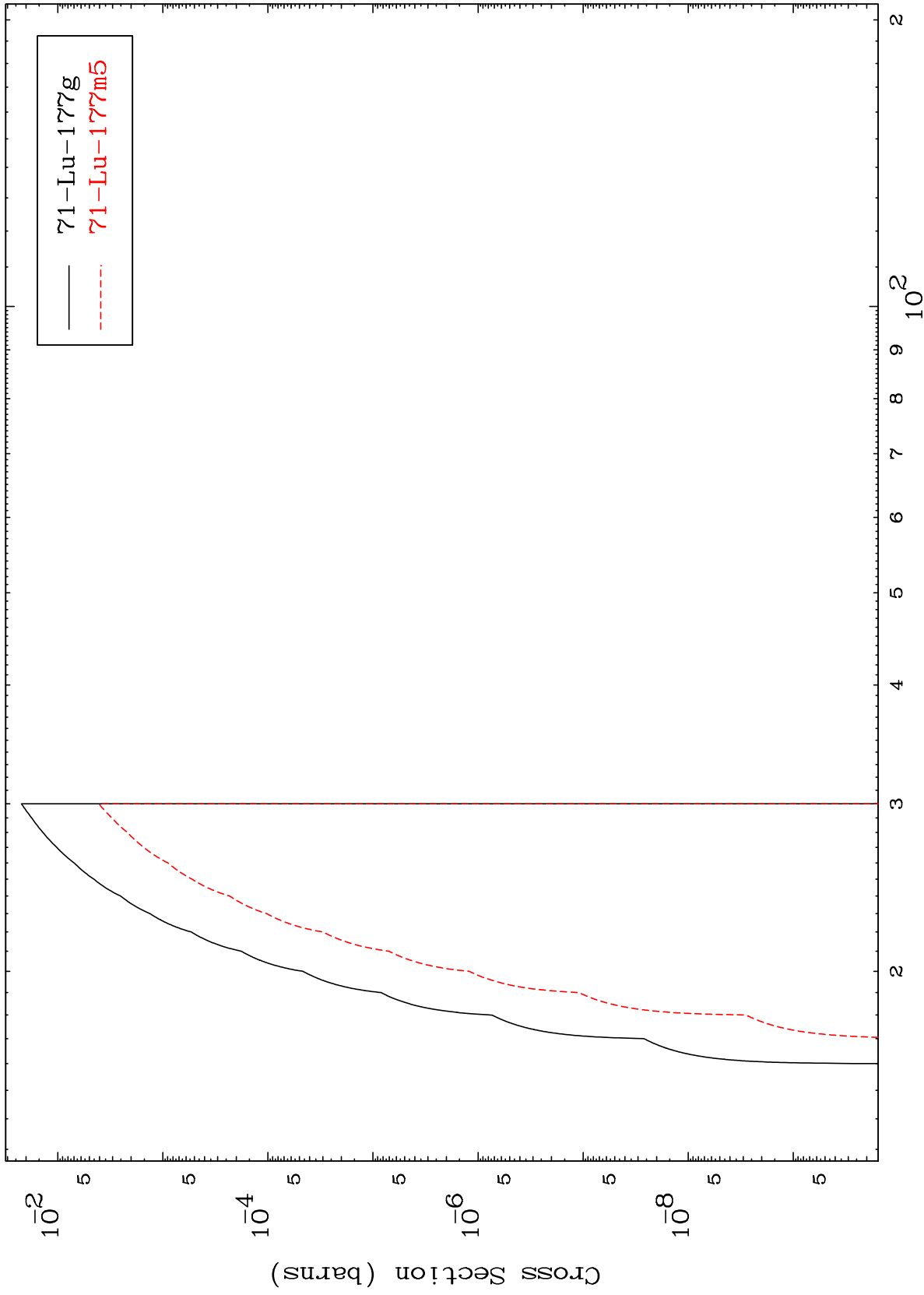
72-Hf-179

MAT 7241

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



27

Incident Energy (MeV)

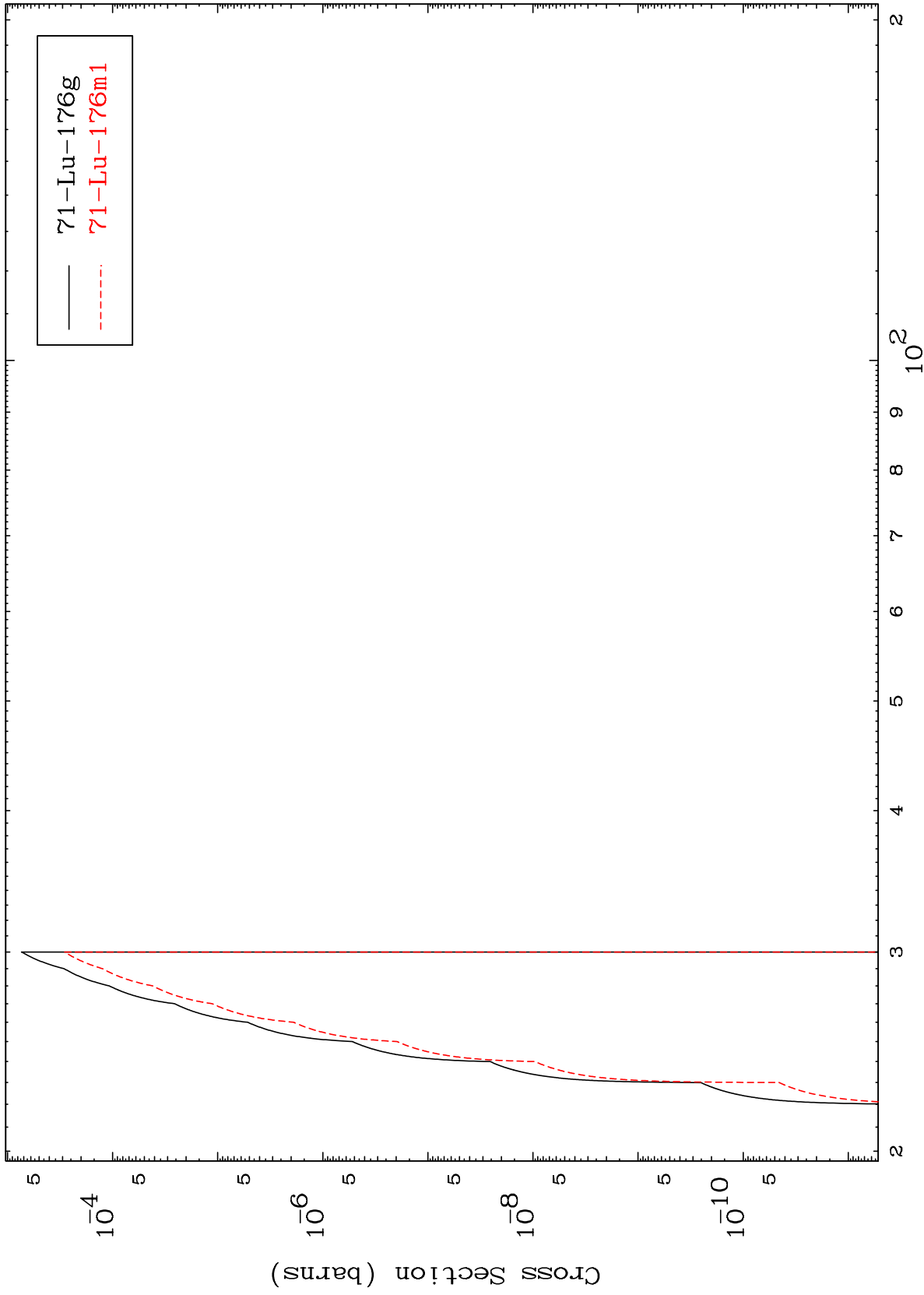
72-Hf-179

MAT 7241

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



28

Incident Energy (MeV)

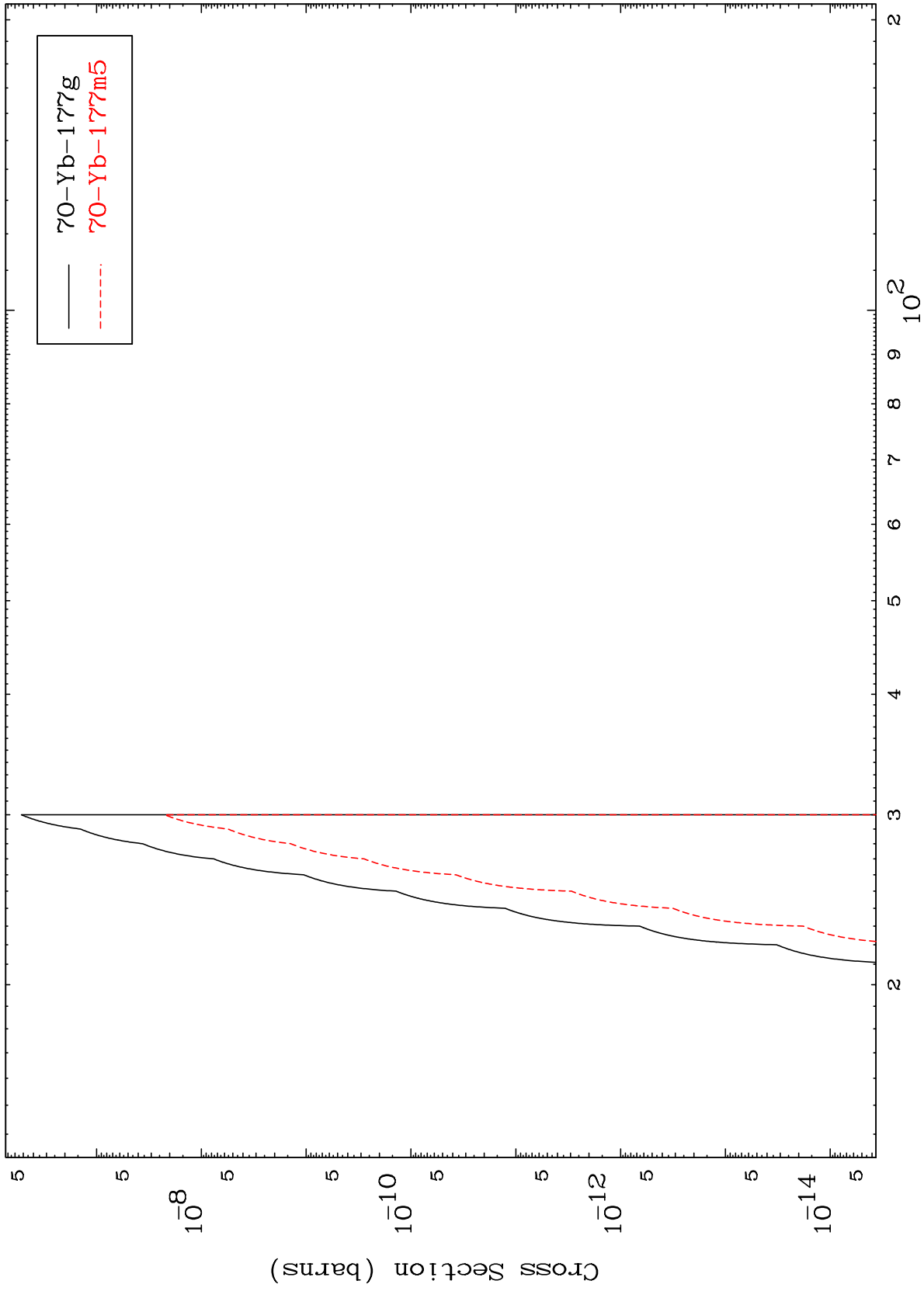
72-Hf-179

MAT 7241

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



29

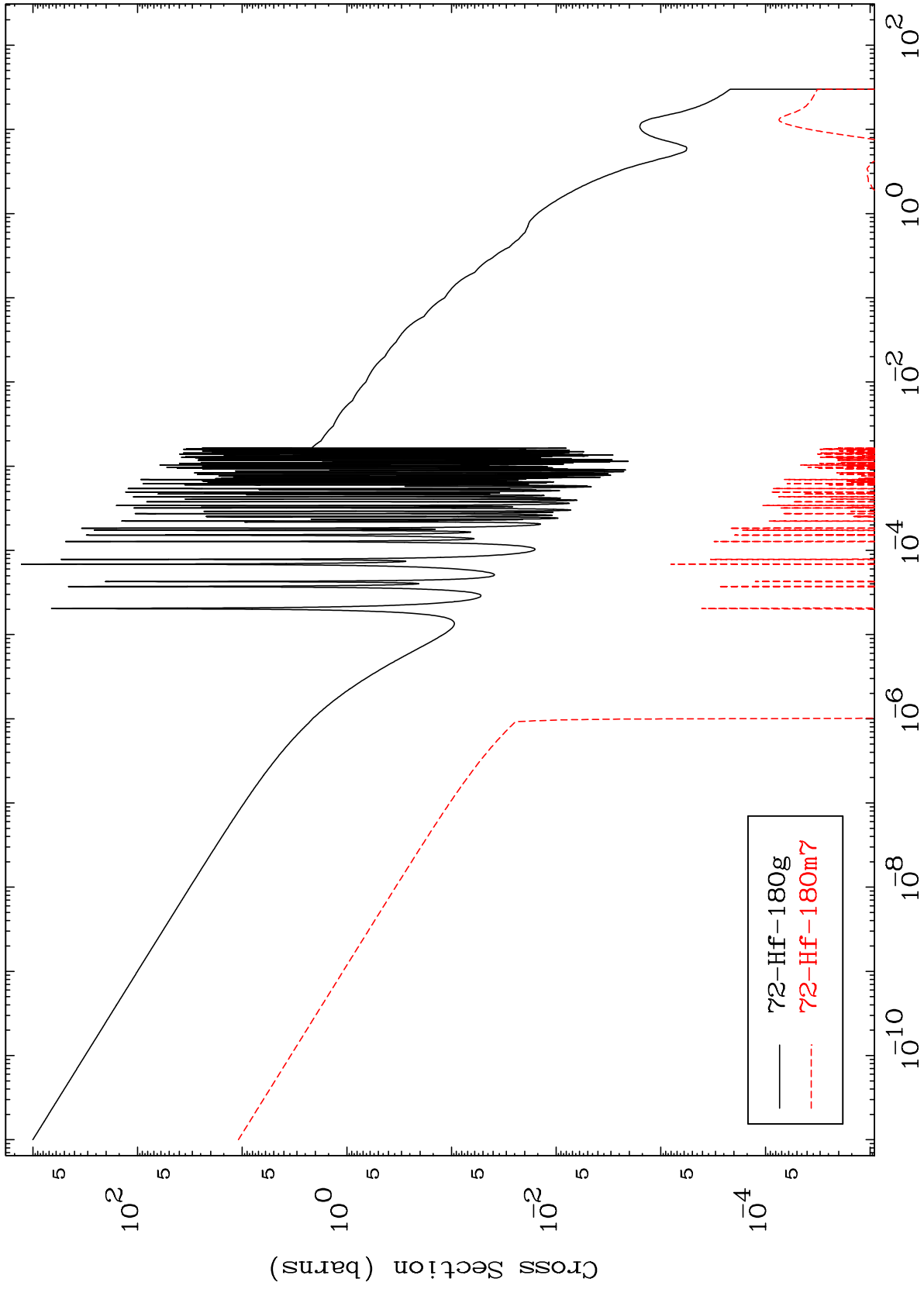
Incident Energy (MeV)

72-Hf-179

MAT 7241

72-Hf-179

(n, γ)
Radionuclide Production Cross Section



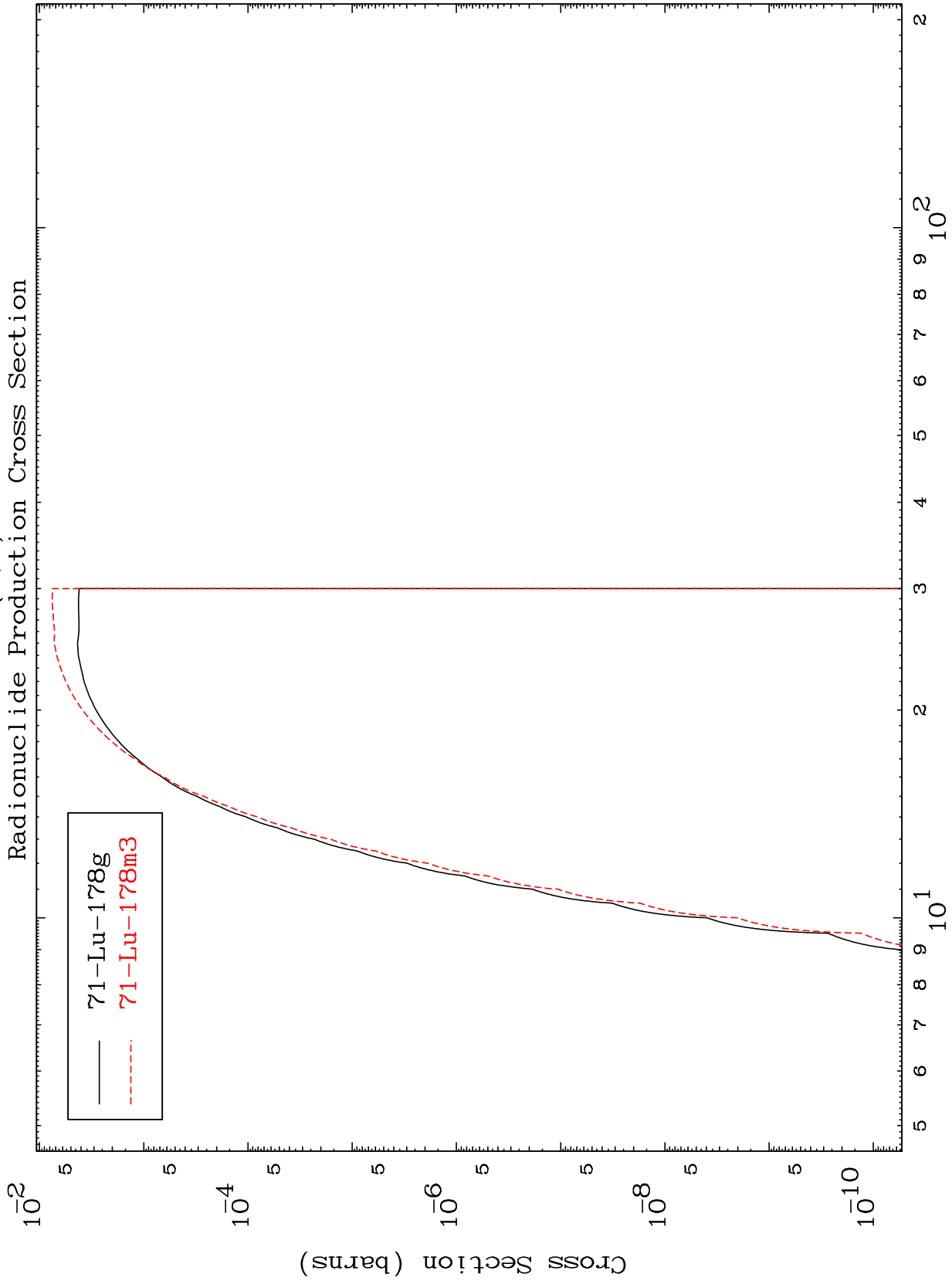
30

72-Hf-179

MAT 7241

(n,d)

72-Hf-179



72-Hf-179

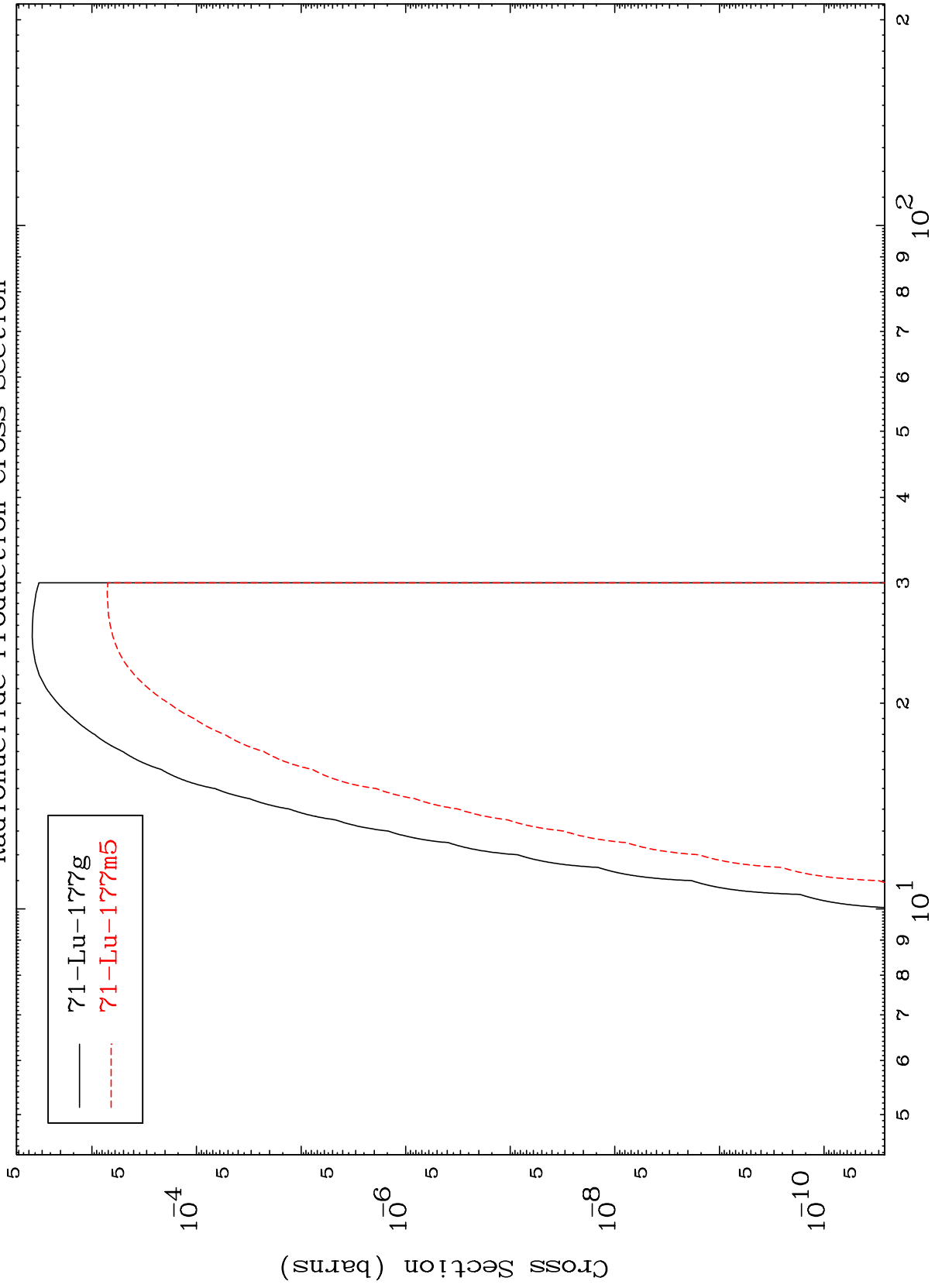
Incident Energy (MeV)

31

MAT 7241

72-Hf-179

(n, t)
Radionuclide Production Cross Section



32

72-Hf-179

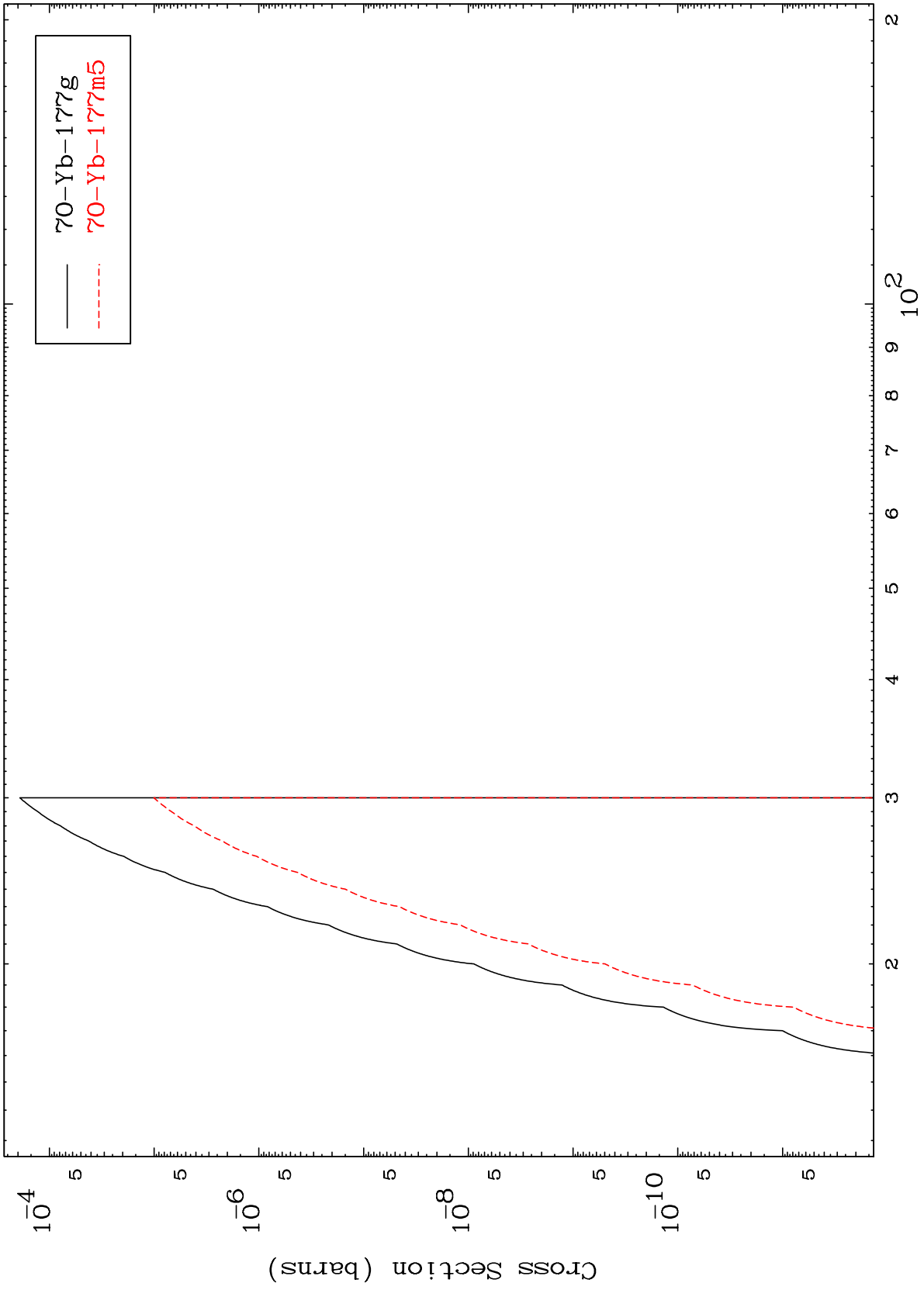
Incident Energy (MeV)

MAT 7241

(n, He-3)

72-Hf-179

Radionuclide Production Cross Section



33

Incident Energy (MeV)

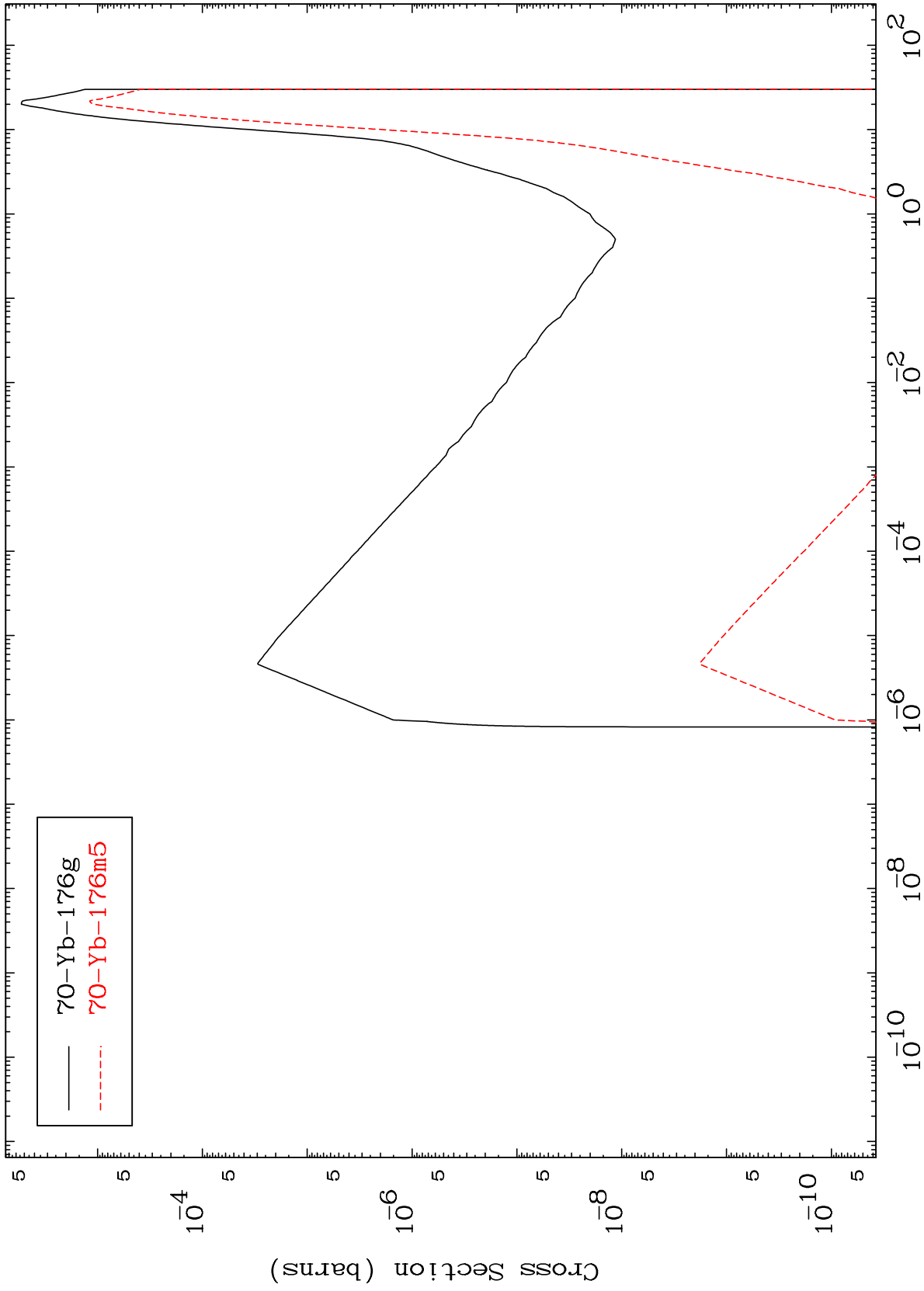
72-Hf-179

MAT 7241

(n, α)

72-Hf-179

Radionuclide Production Cross Section



34

Incident Energy (MeV)

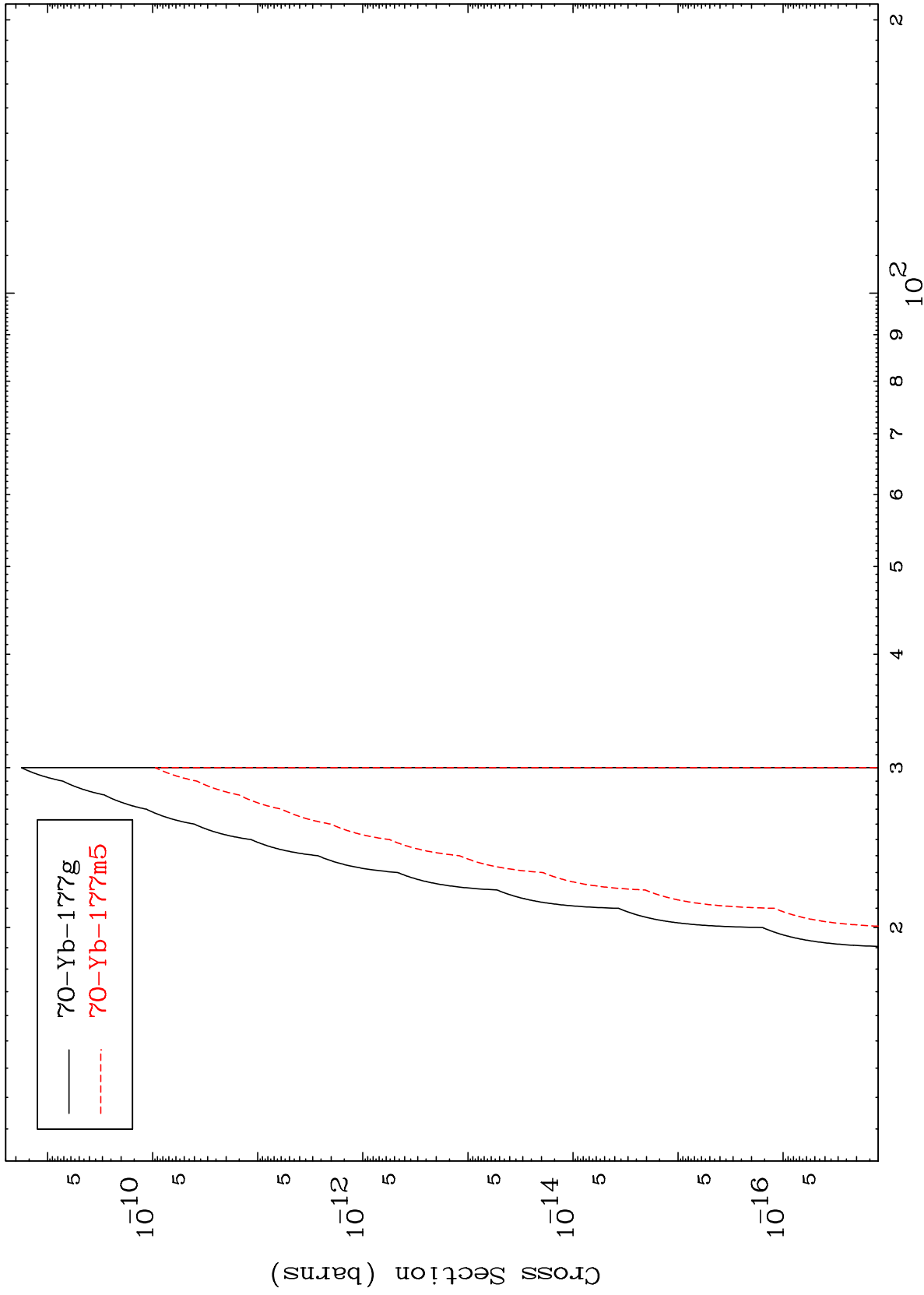
72-Hf-179

MAT 7241

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



35

Incident Energy (MeV)

72-Hf-179