

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

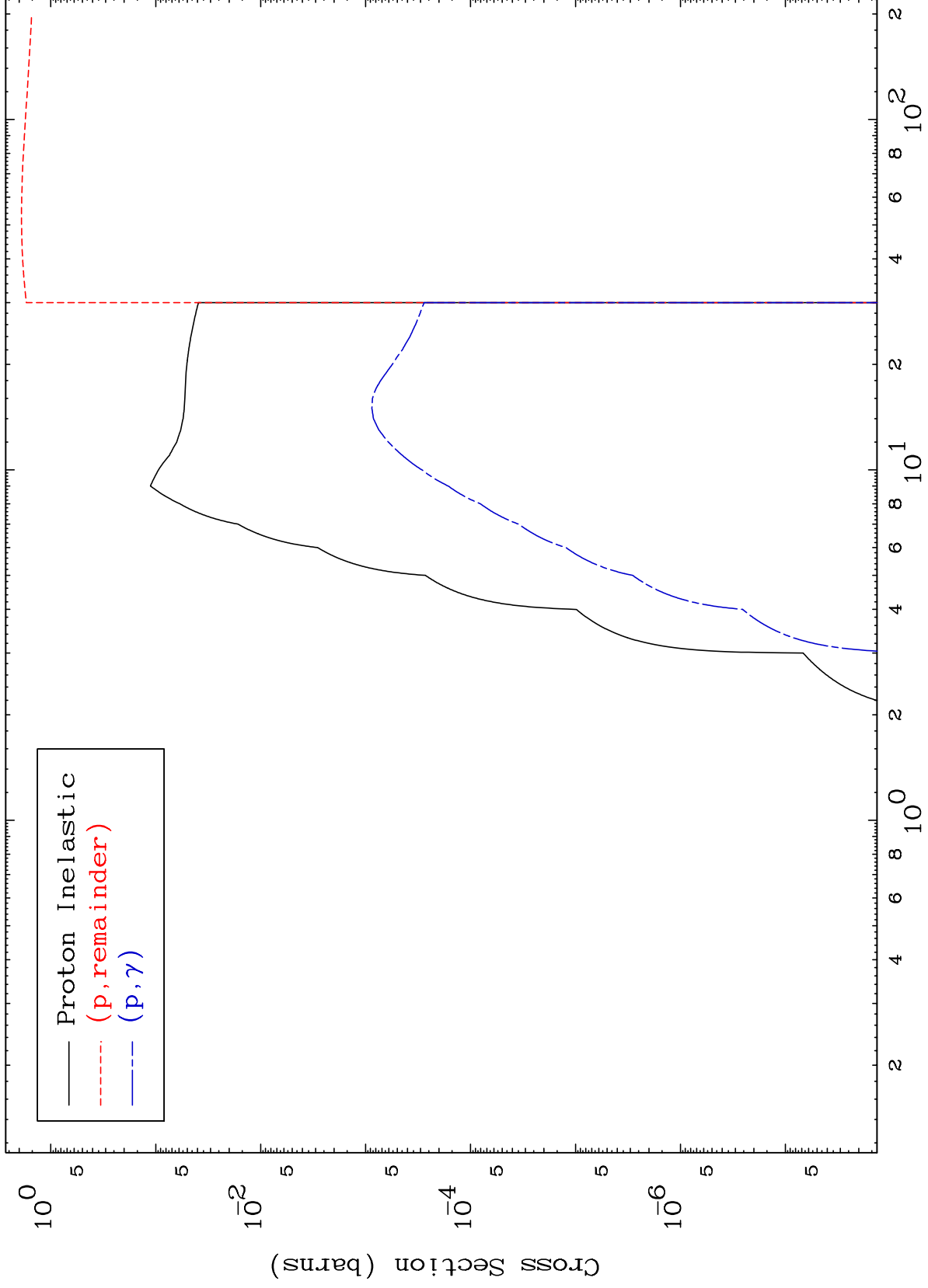
Press Mouse Button to Start

MAT 7243

Proton Major

72-Hf-180

0 Kelvin Cross Sections

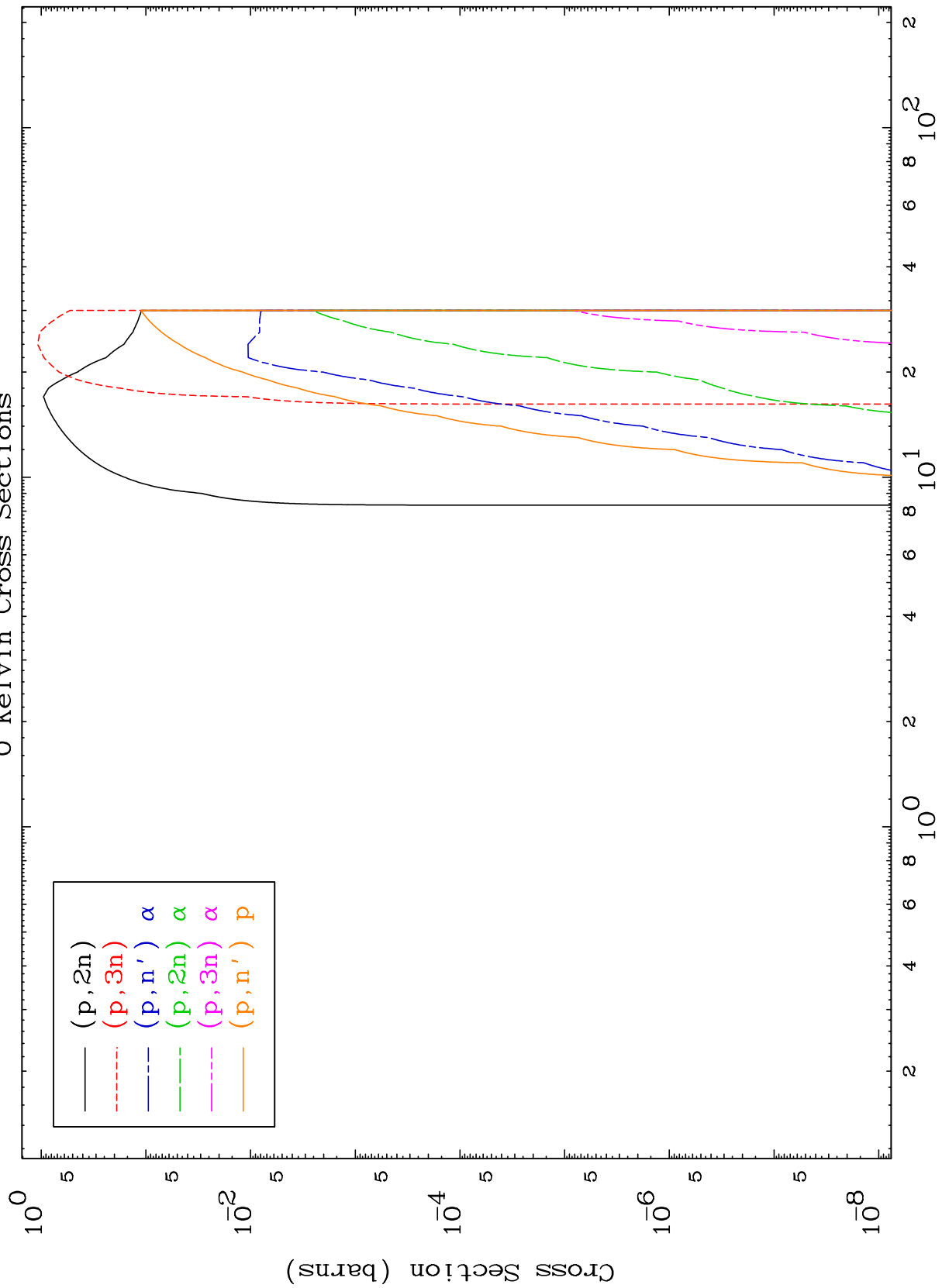


— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

MAT 7243

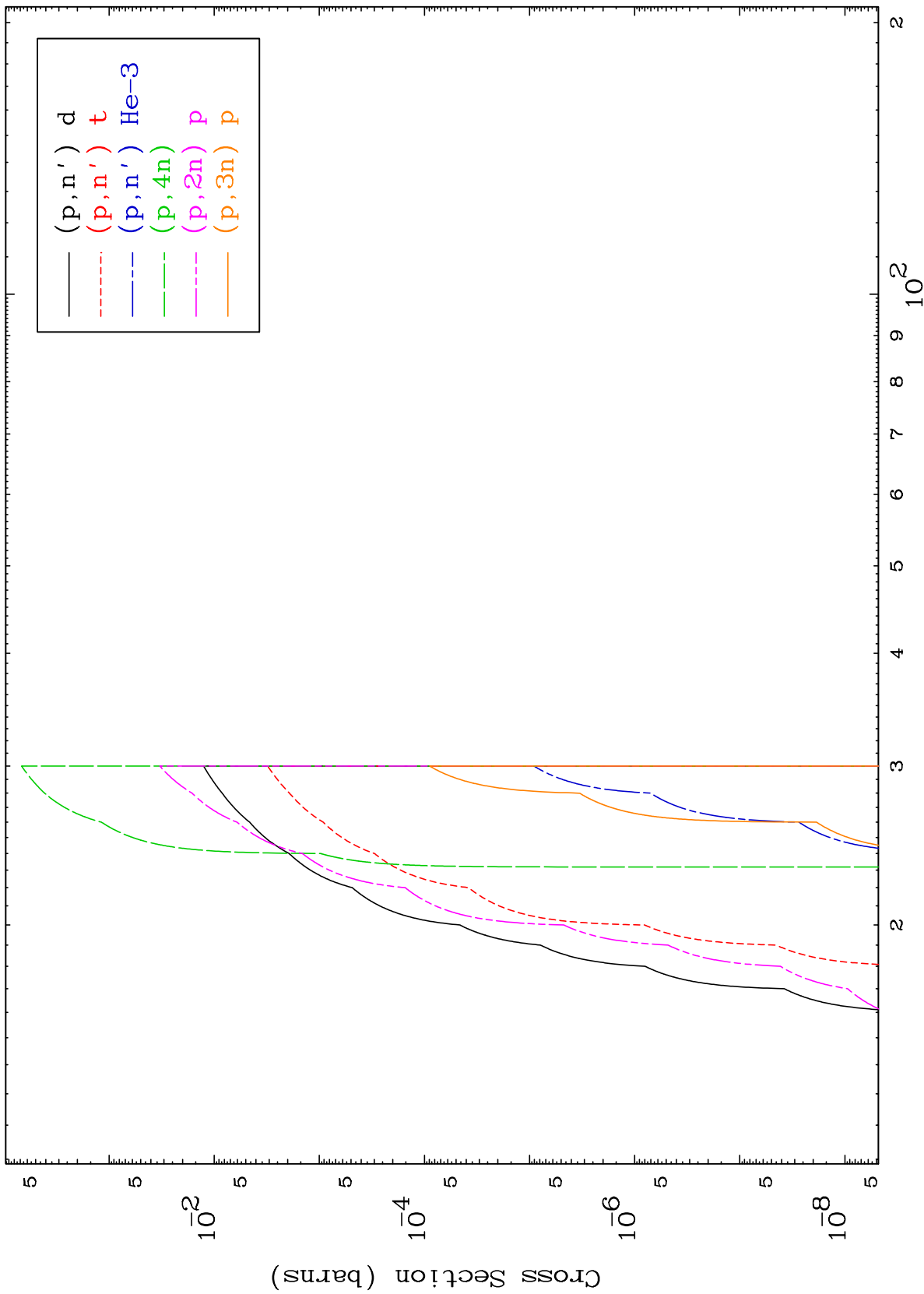
Proton Neutron Production
0 Kelvin Cross Sections

72-Hf-180



Incident Energy (MeV)

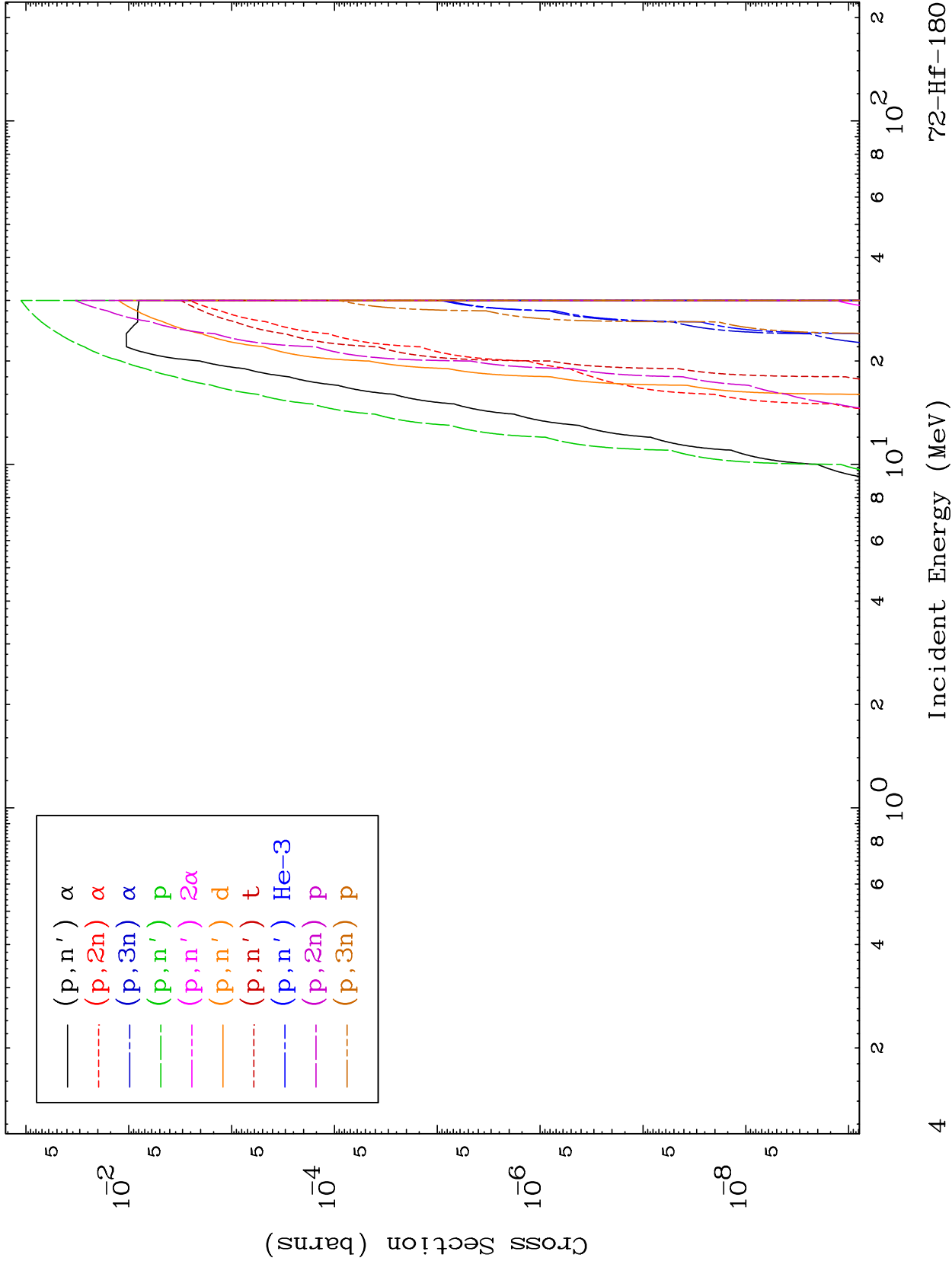
72-Hf-180

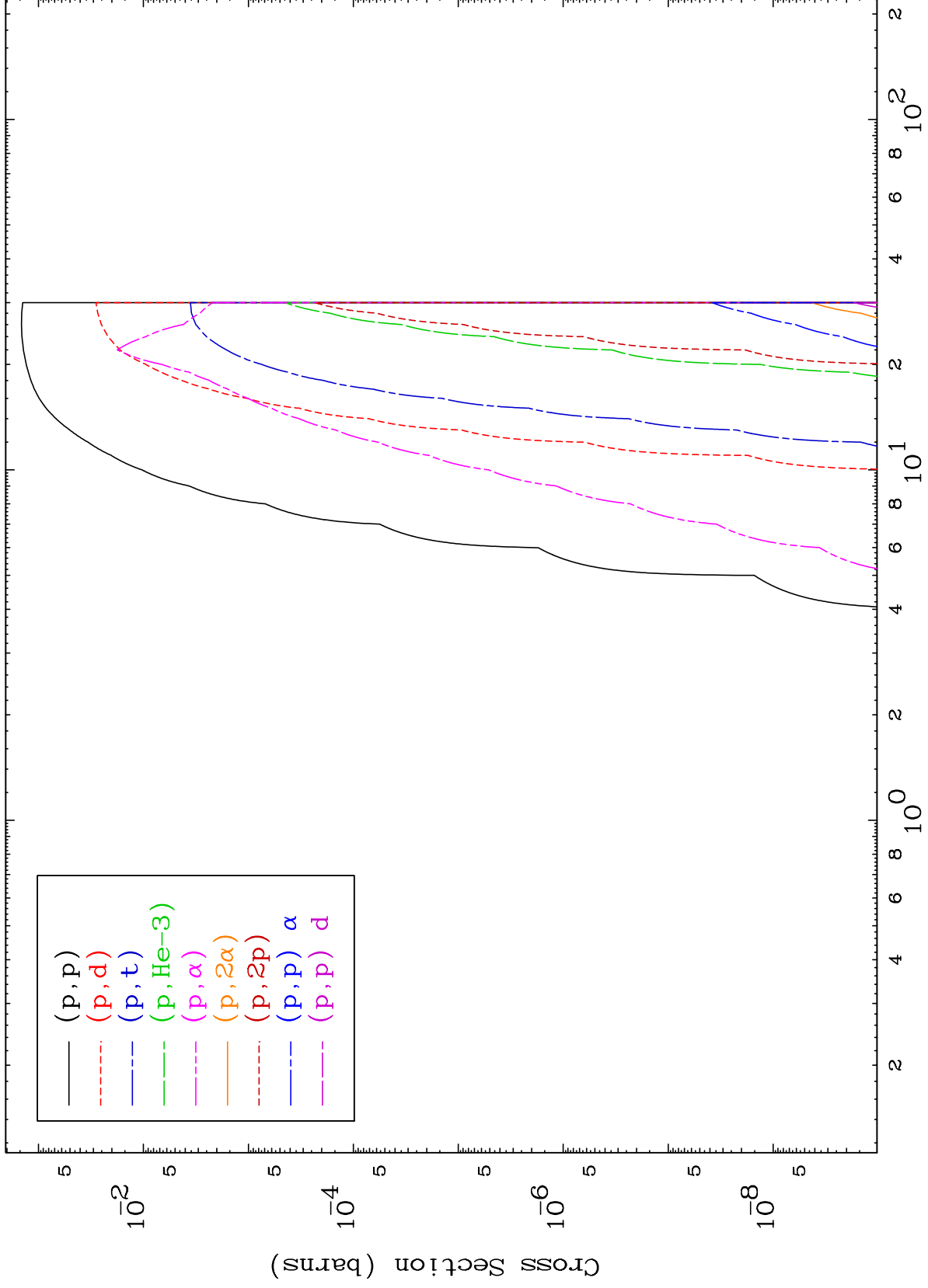


MAT 7243

Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-180



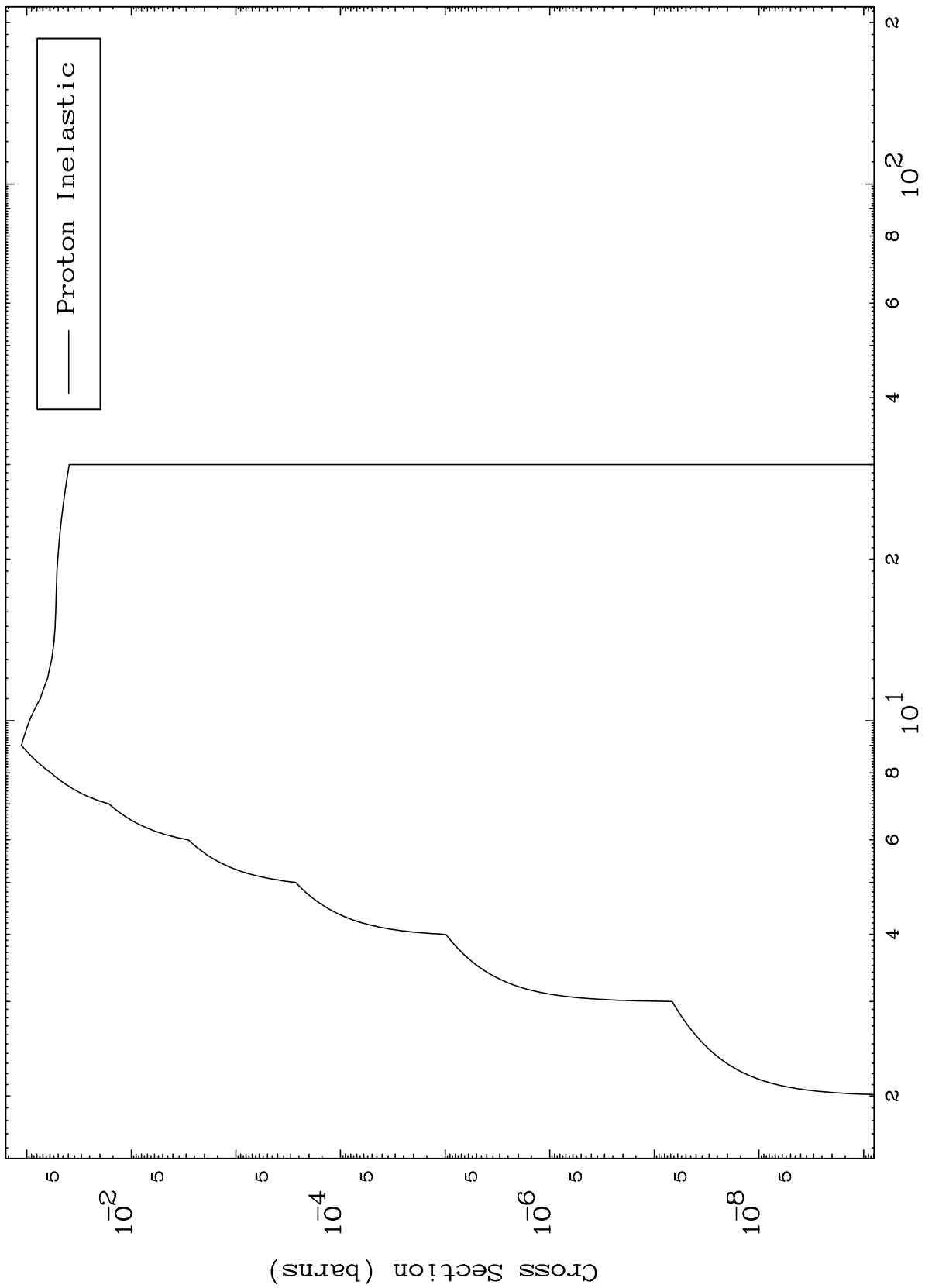


MAT 7243

(p,n') Level

72-Hf-180

0 Kelvin Cross Sections



6

Incident Energy (MeV)

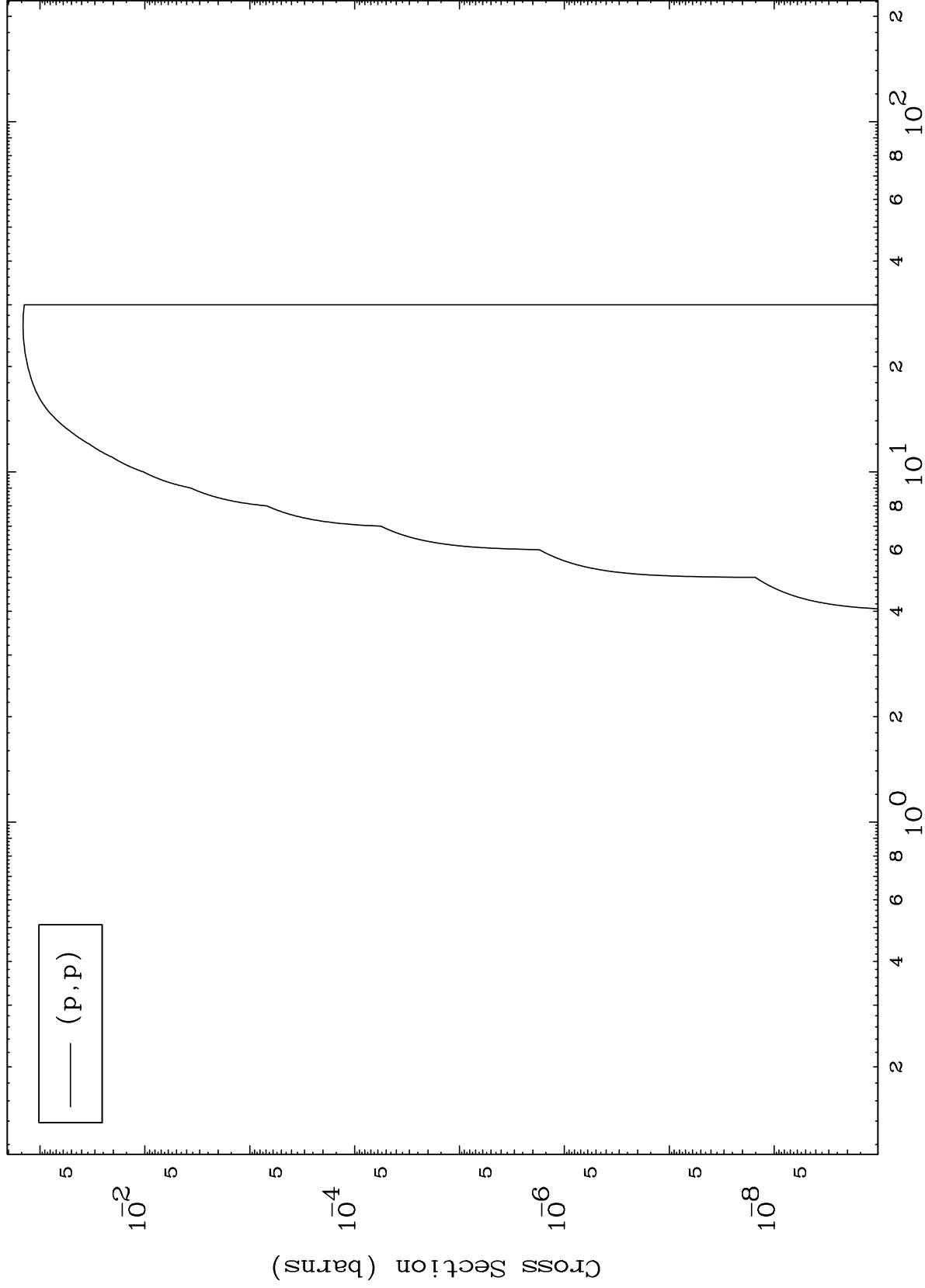
72-Hf-180

MAT 7243

(p,p) Levels

72-Hf-180

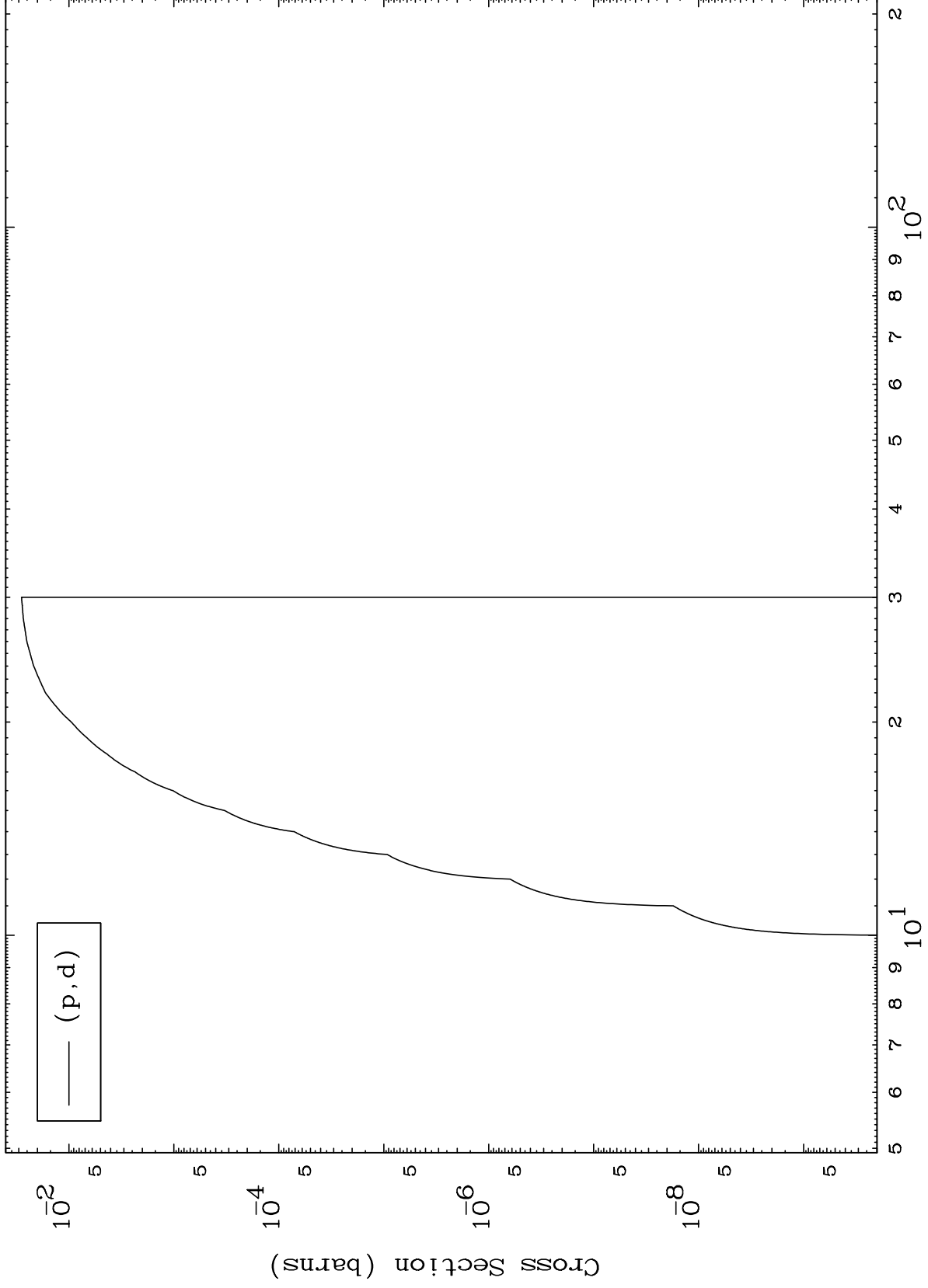
0 Kelvin Cross Sections



MAT 7243

(p,d) Levels
0 Kelvin Cross Sections

72-Hf-180



8

Incident Energy (MeV)

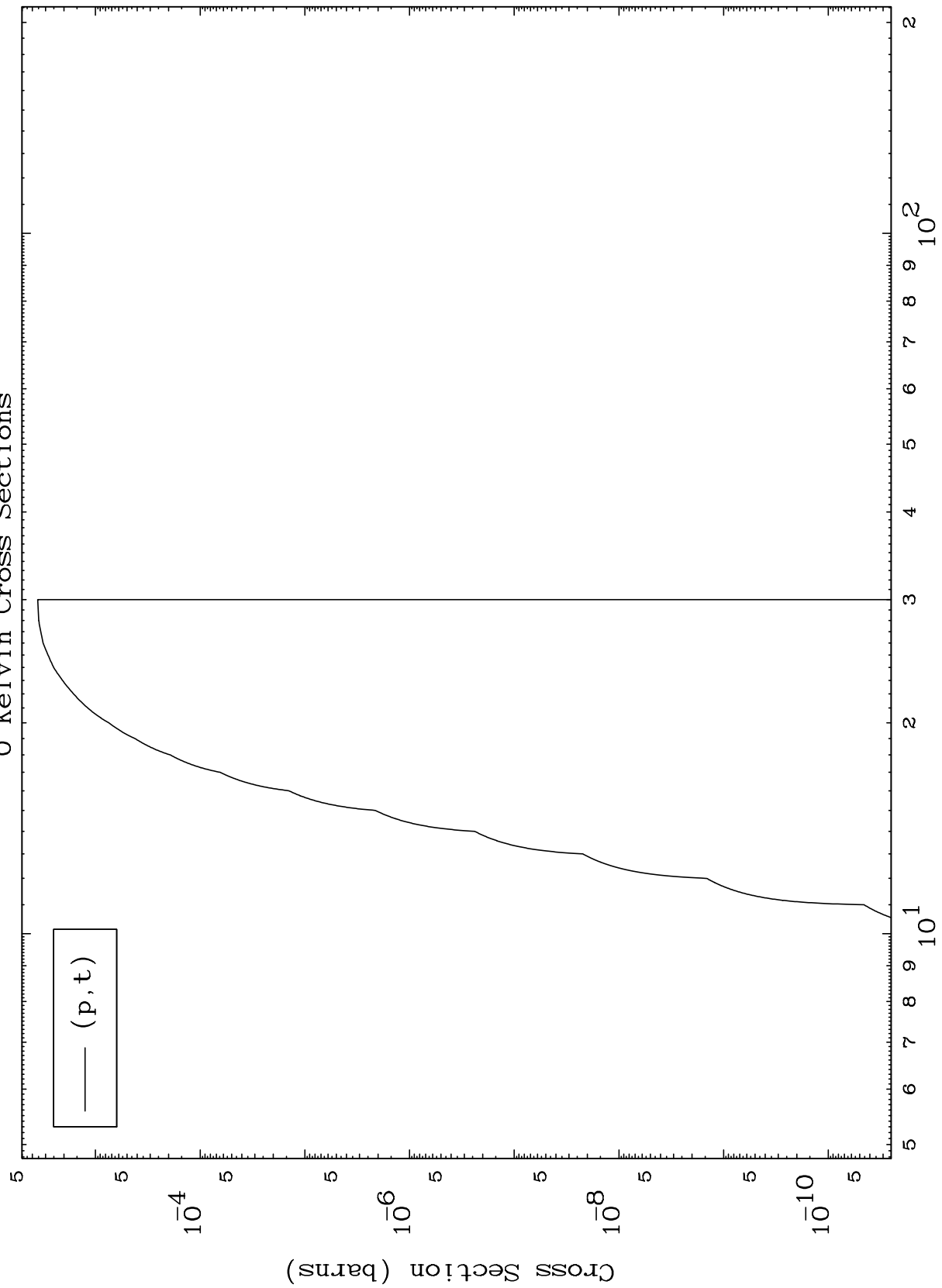
72-Hf-180

MAT 7243

(p,t) Levels

72-Hf-180

0 Kelvin Cross Sections



9

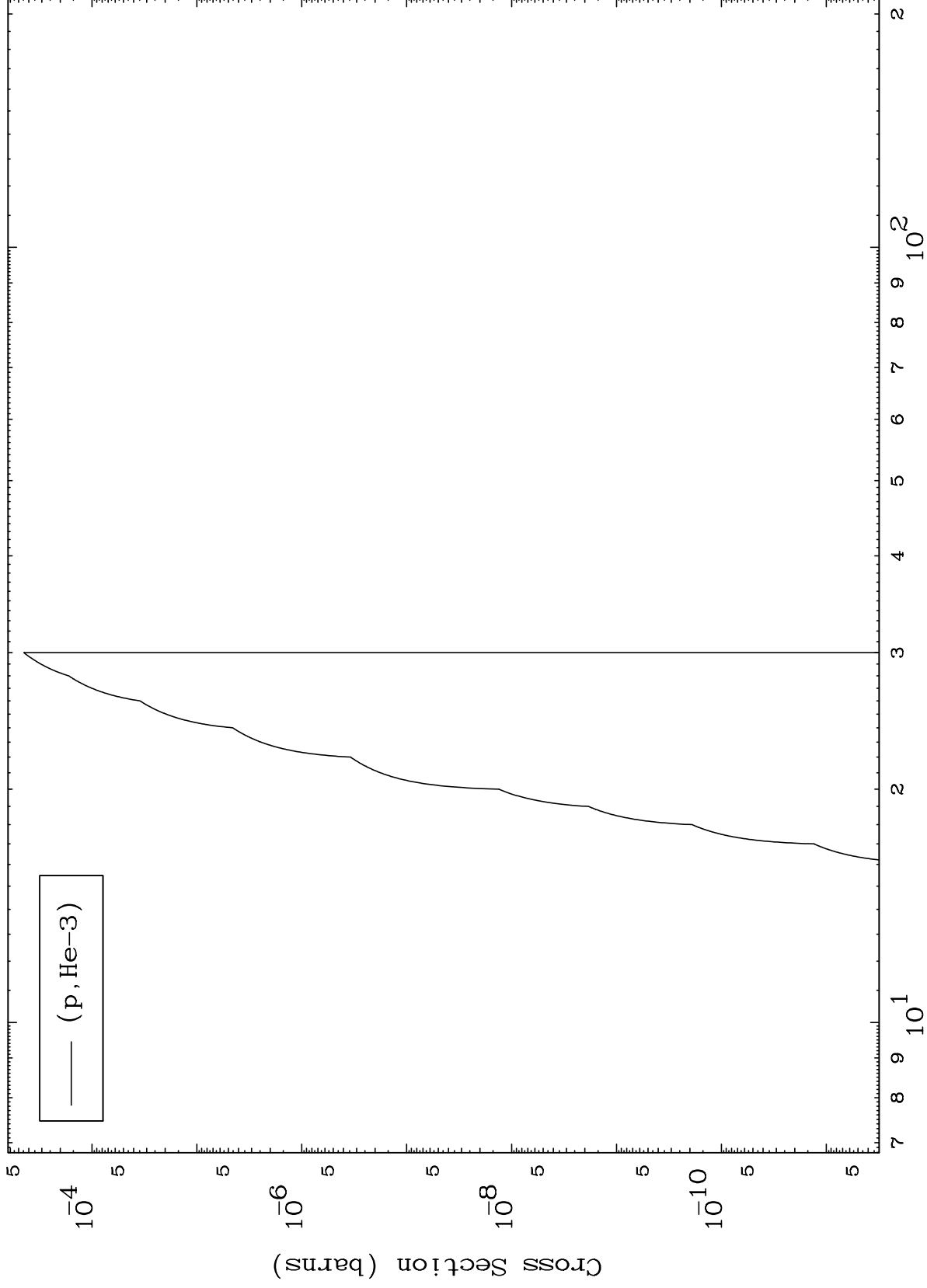
Incident Energy (MeV)

72-Hf-180

MAT 7243

(p,He3) Levels
0 Kelvin Cross Sections

72-Hf-180



Incident Energy (MeV)

72-Hf-180

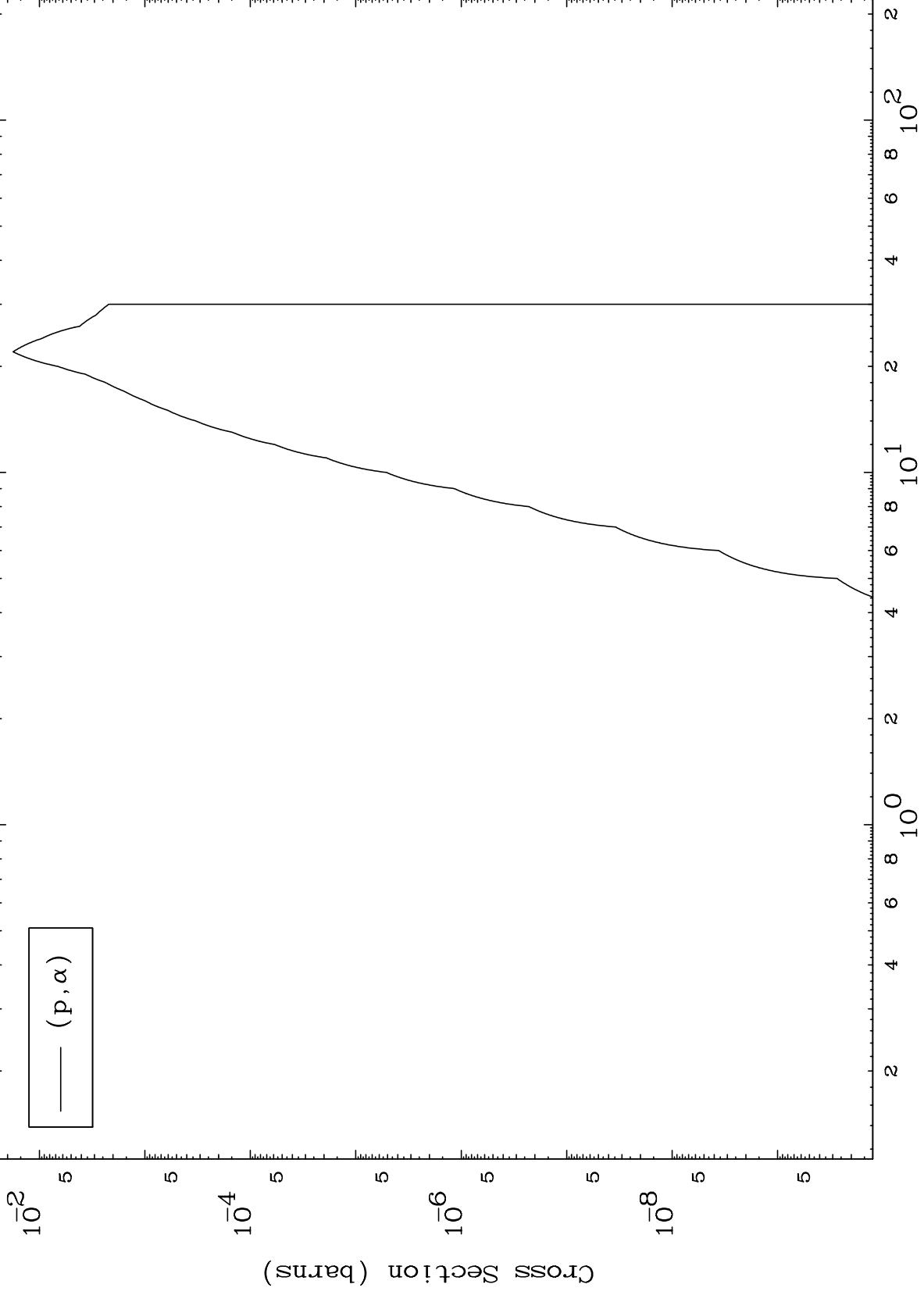
10

MAT 7243

(p, α) Levels

72-Hf-180

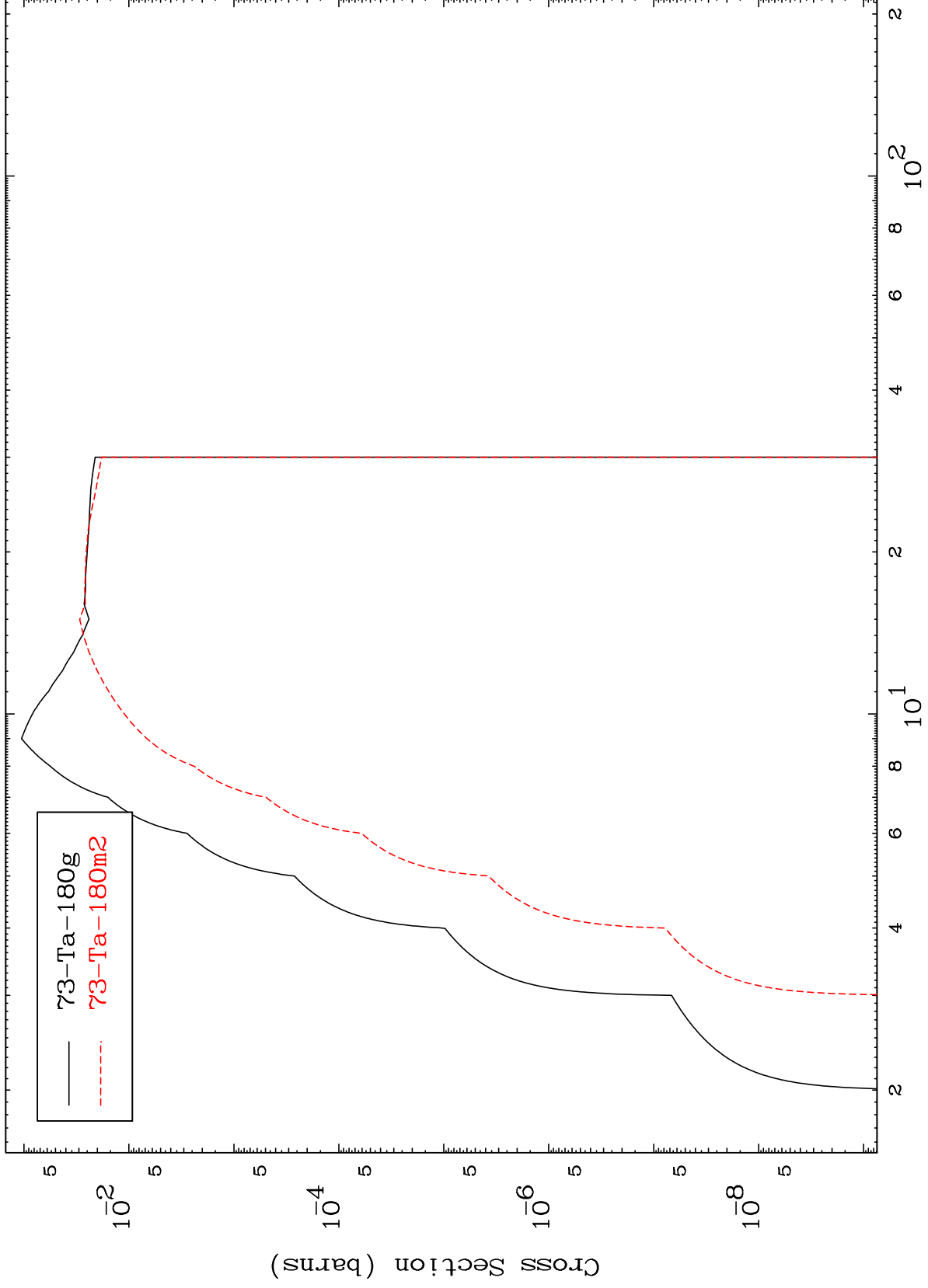
0 Kelvin Cross Sections



MAT 7243

Radionuclide Production Cross Section

72-Hf-180



12

Incident Energy (MeV)

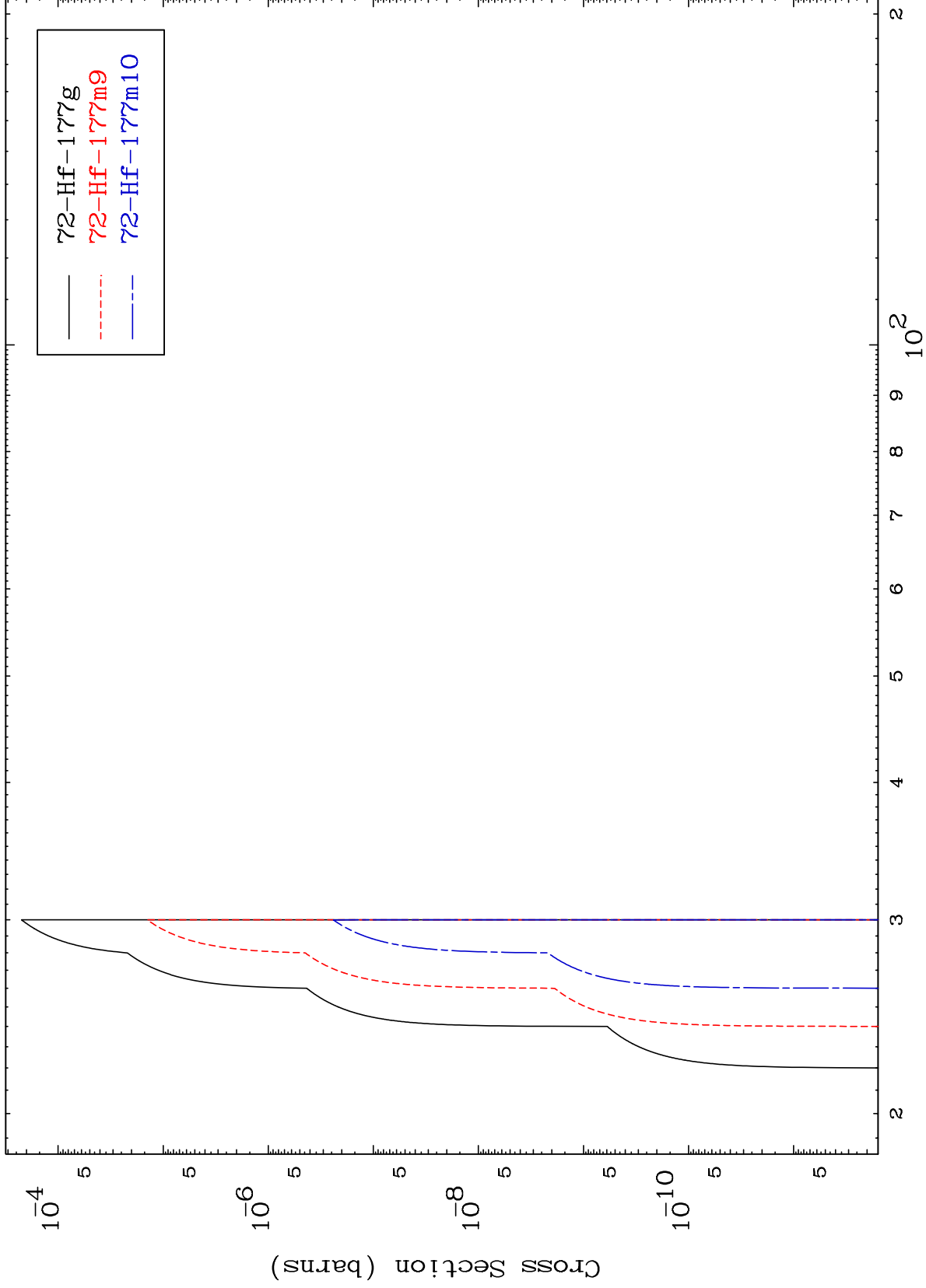
72-Hf-180

MAT 7243

(p,2n) d

72-Hf-180

Radionuclide Production Cross Section



13

Incident Energy (MeV)

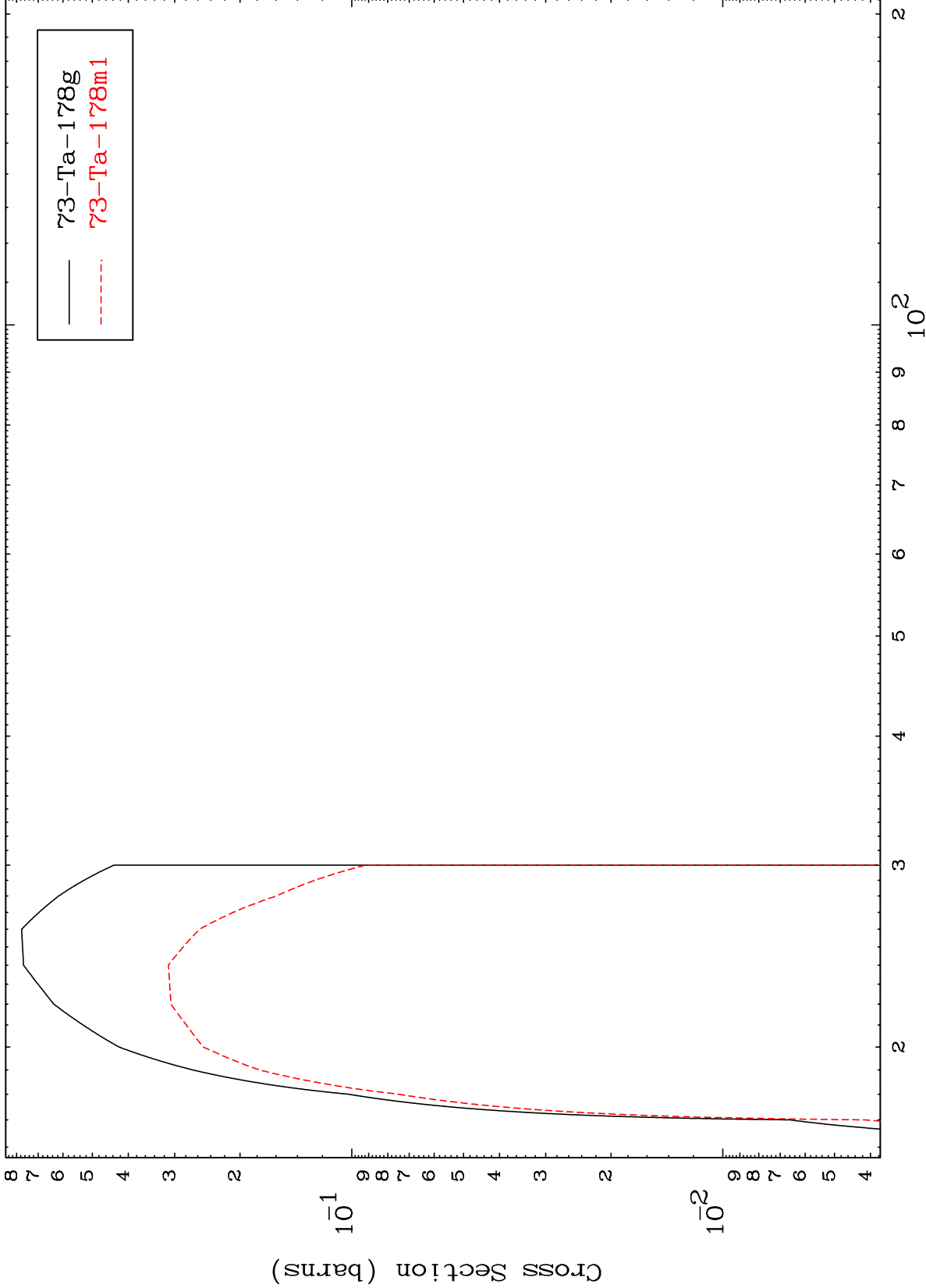
72-Hf-180

MAT 7243

(p,3n)

72-Hf-180

Radionuclide Production Cross Section



73-Ta-178g
73-Ta-178m1

14

Incident Energy (MeV)

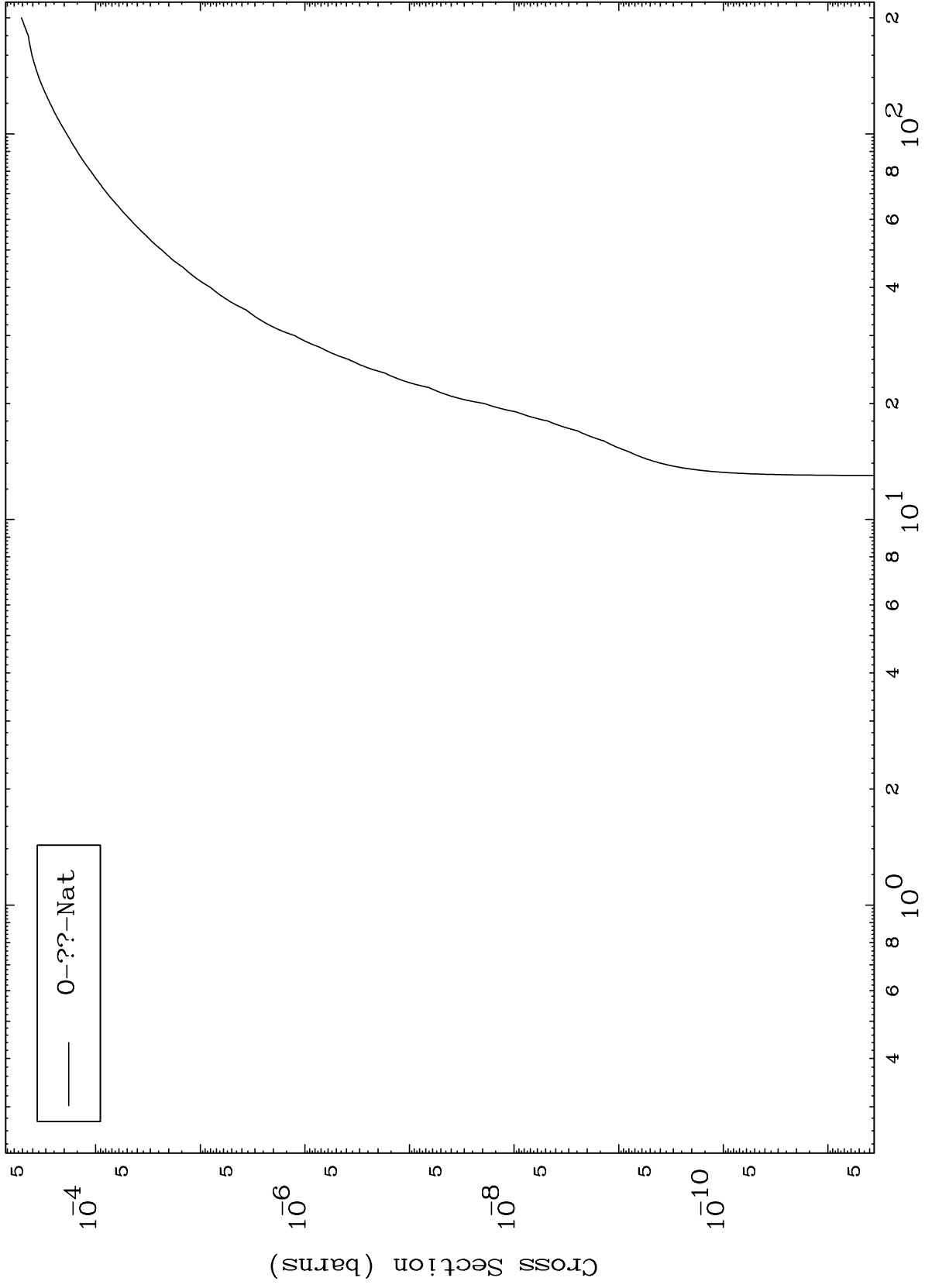
72-Hf-180

MAT 7243

Proton Fission

72-Hf-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

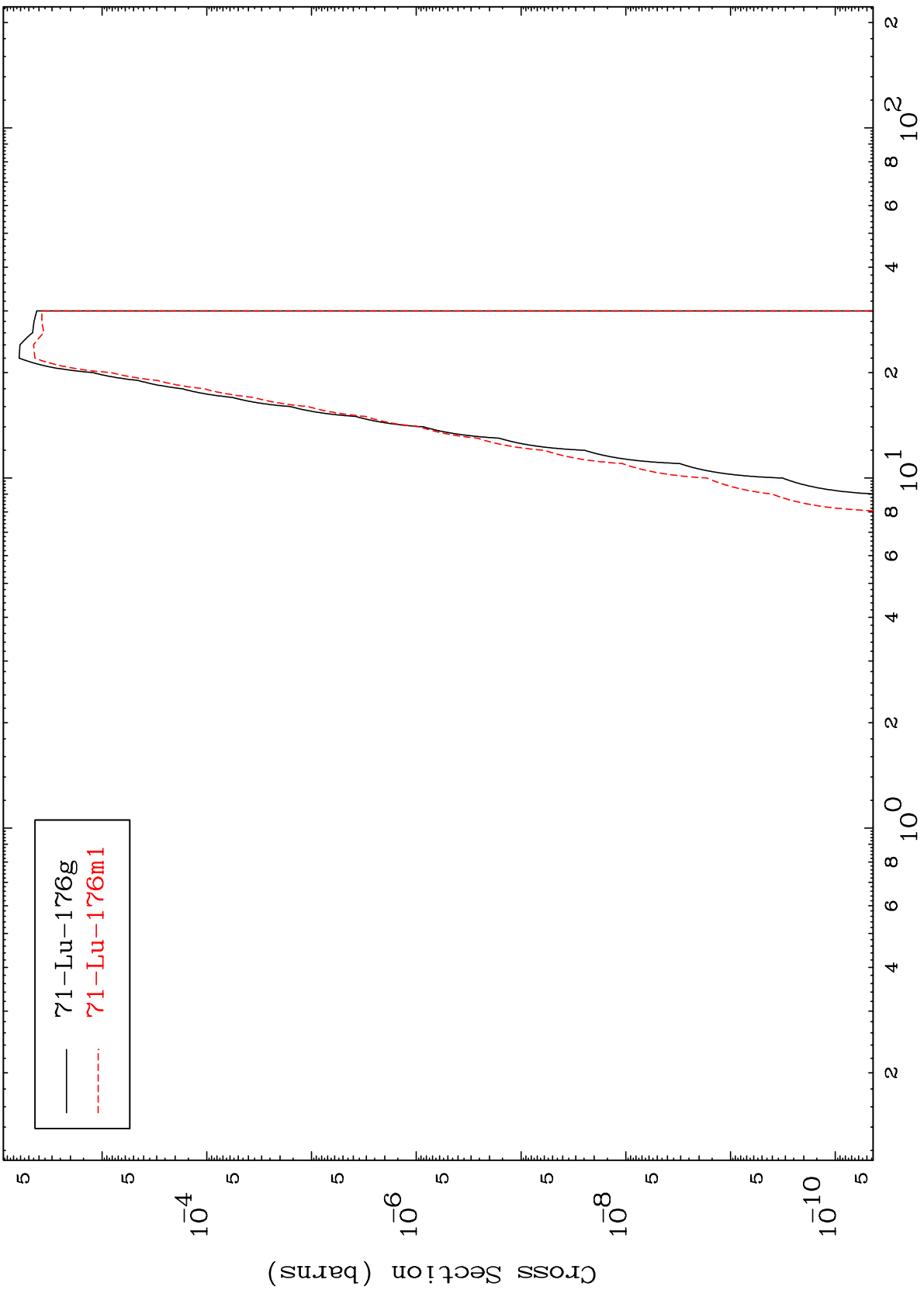
72-Hf-180

MAT 7243

(p,n') α

72-Hf-180

Radionuclide Production Cross Section

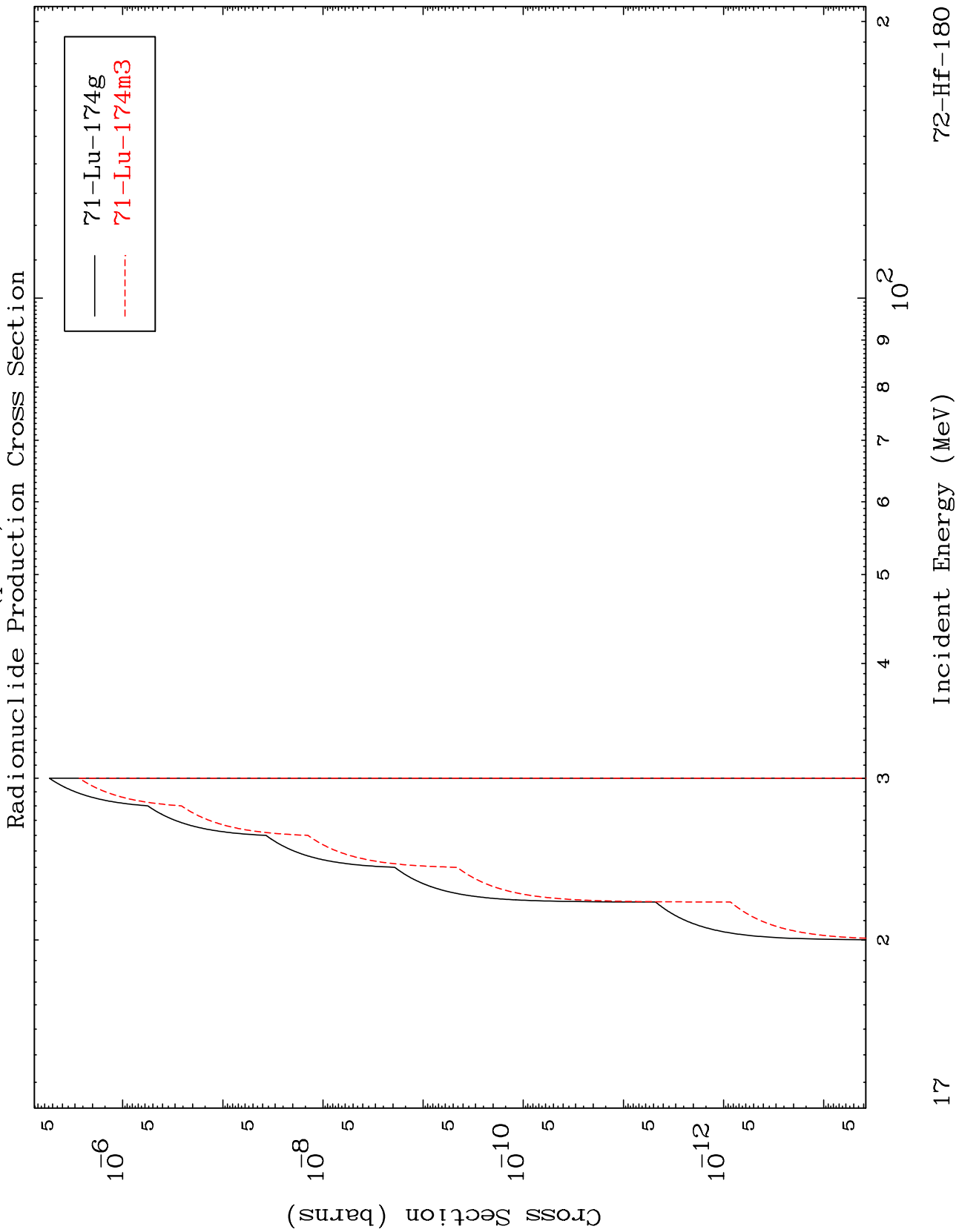


71-Lu-176g
71-Lu-176m1

MAT 7243

(p,3n) α

72-Hf-180

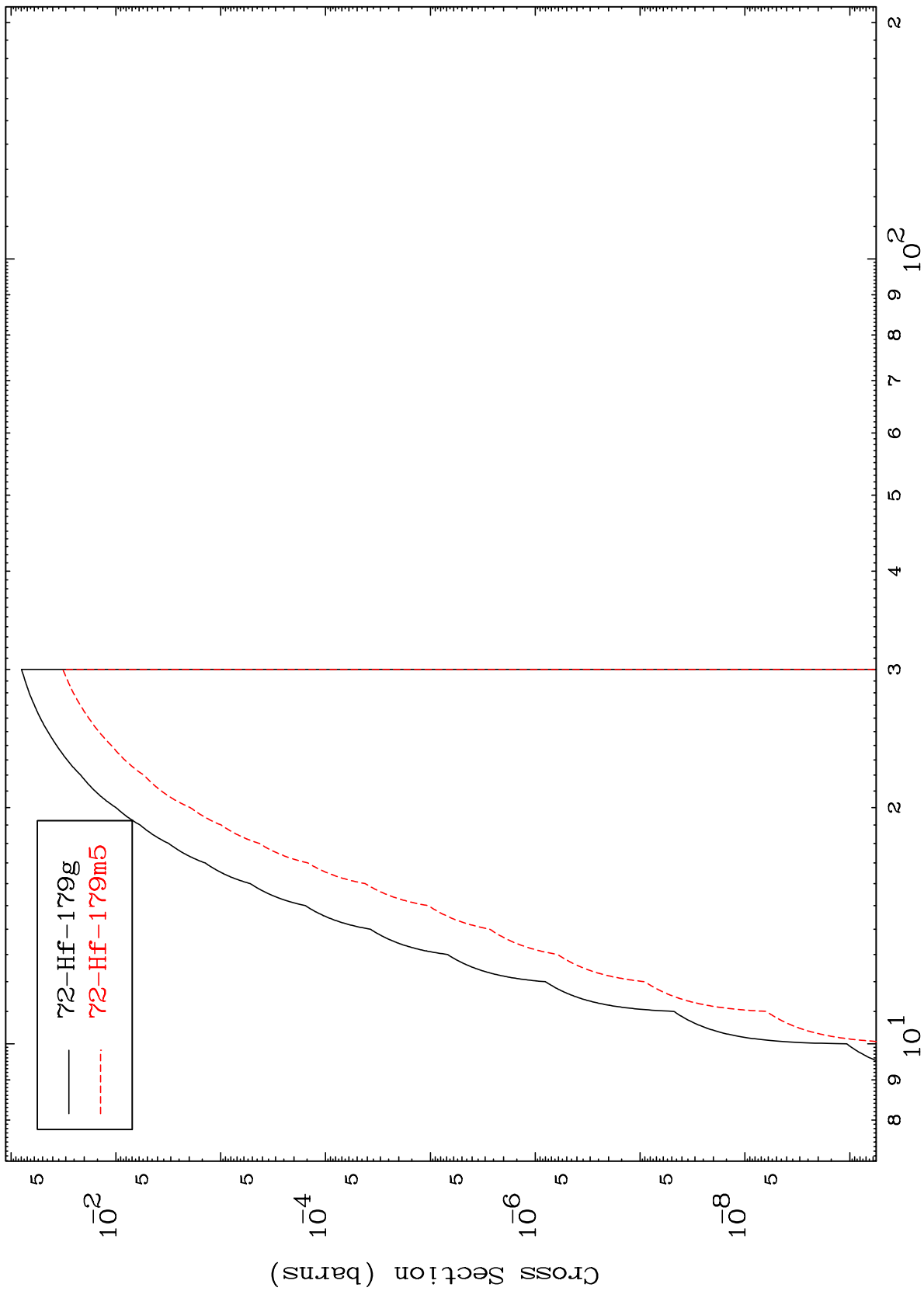


MAT 7243

(p,n') p

72-Hf-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

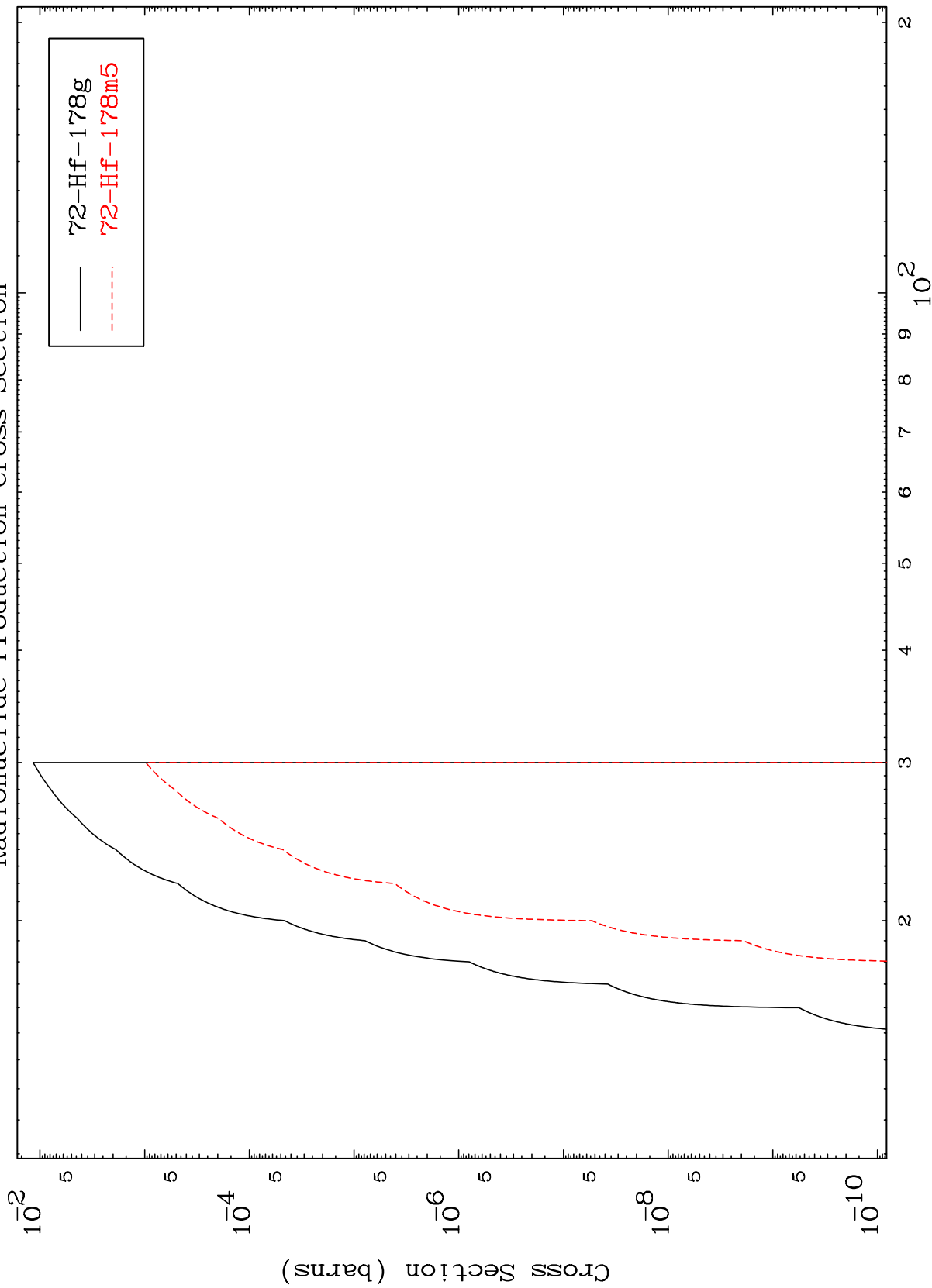
72-Hf-180

MAT 7243

(p,n') d

72-Hf-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

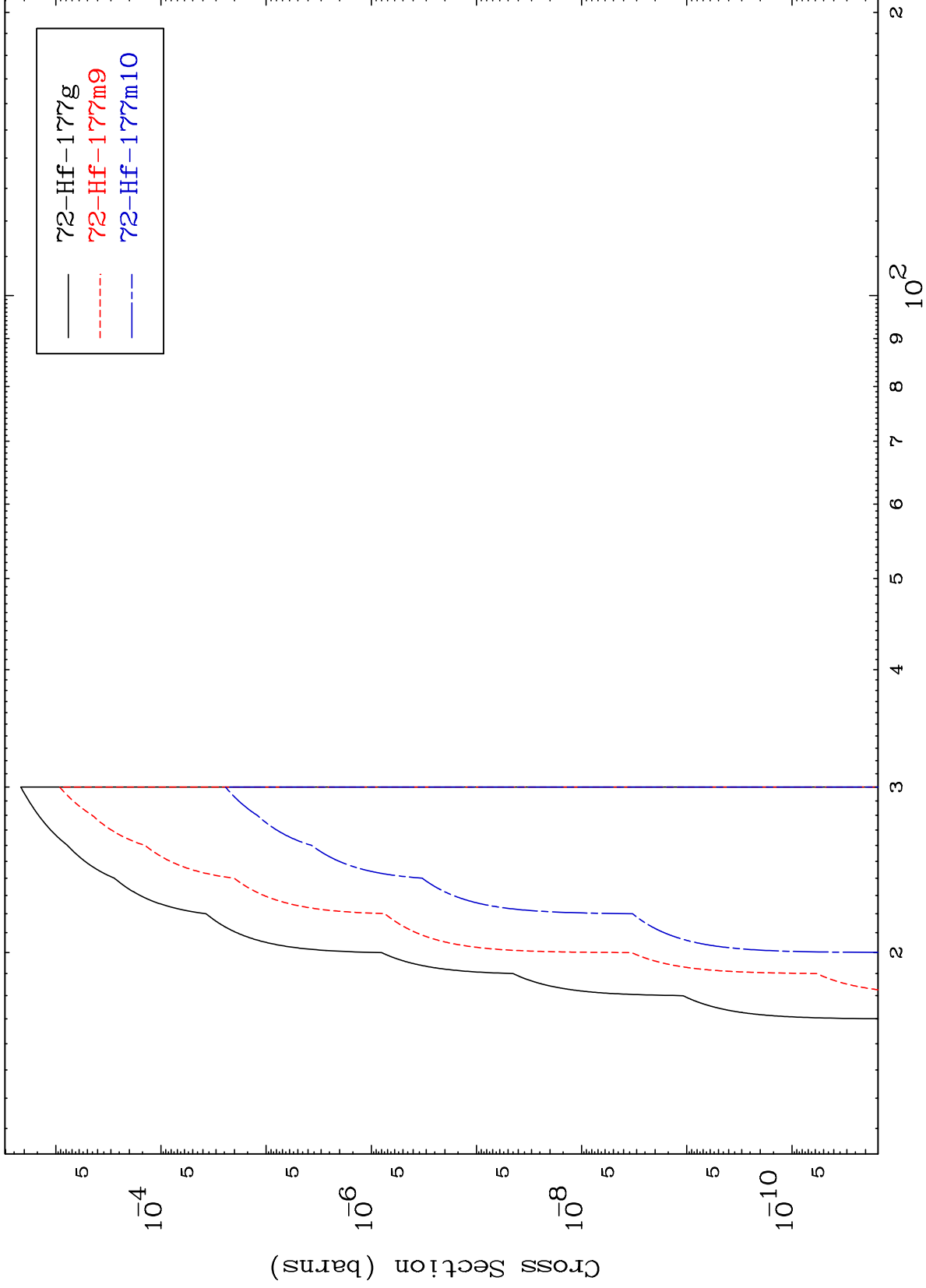
72-Hf-180

MAT 7243

(p,n') t

72-Hf-180

Radionuclide Production Cross Section

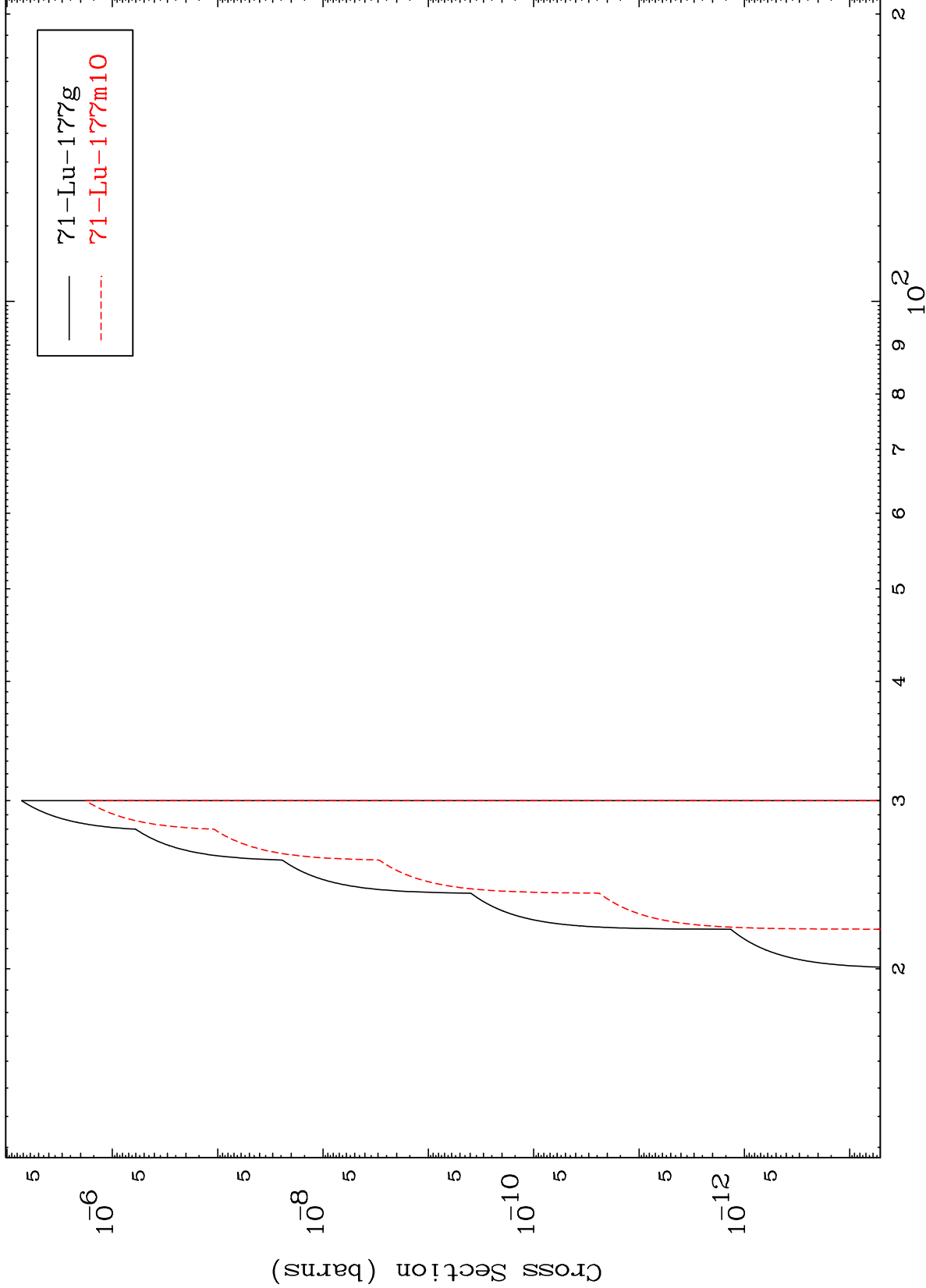


20

Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

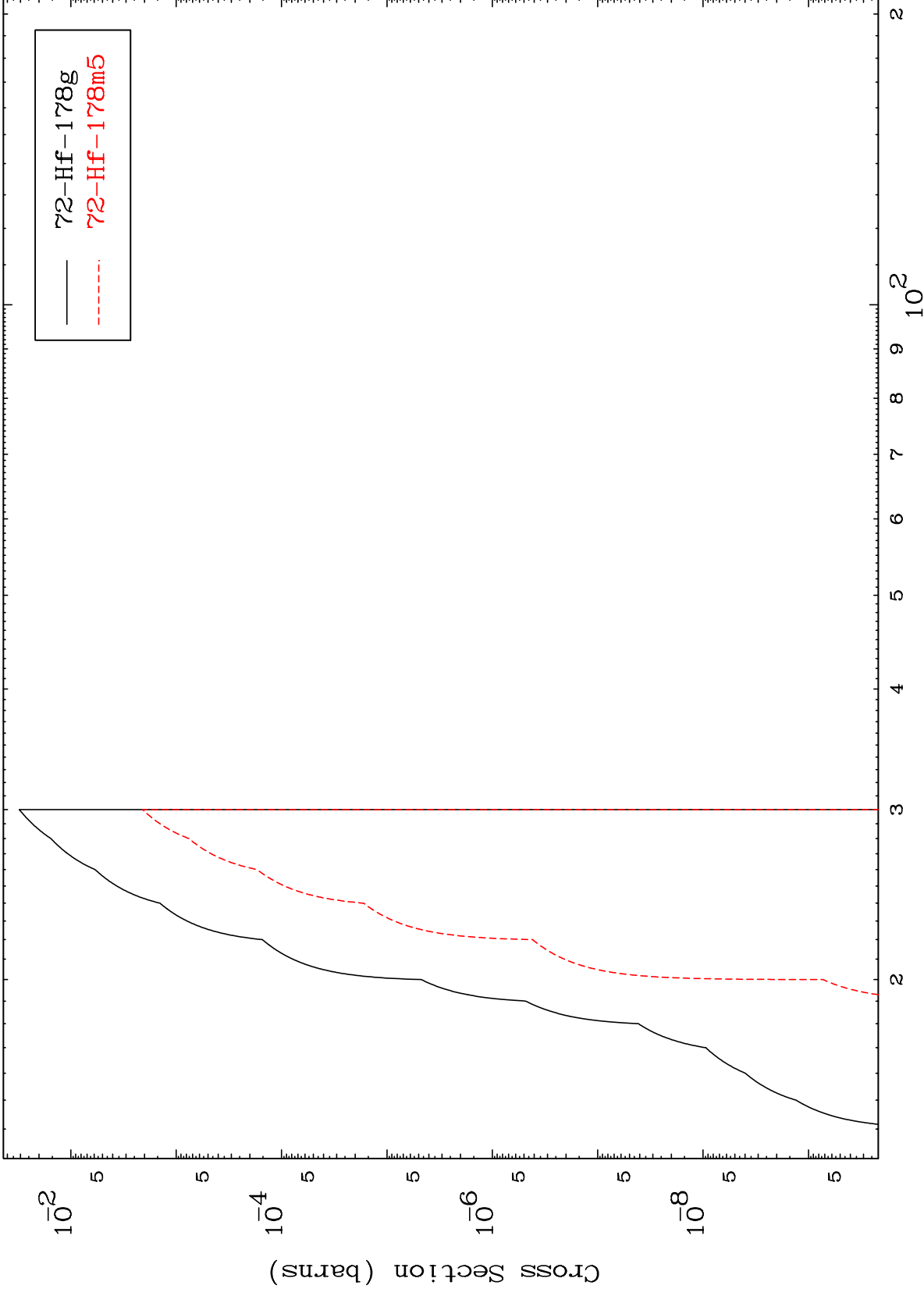


MAT 7243

(p,2n) p

72-Hf-180

Radionuclide Production Cross Section



22

Incident Energy (MeV)

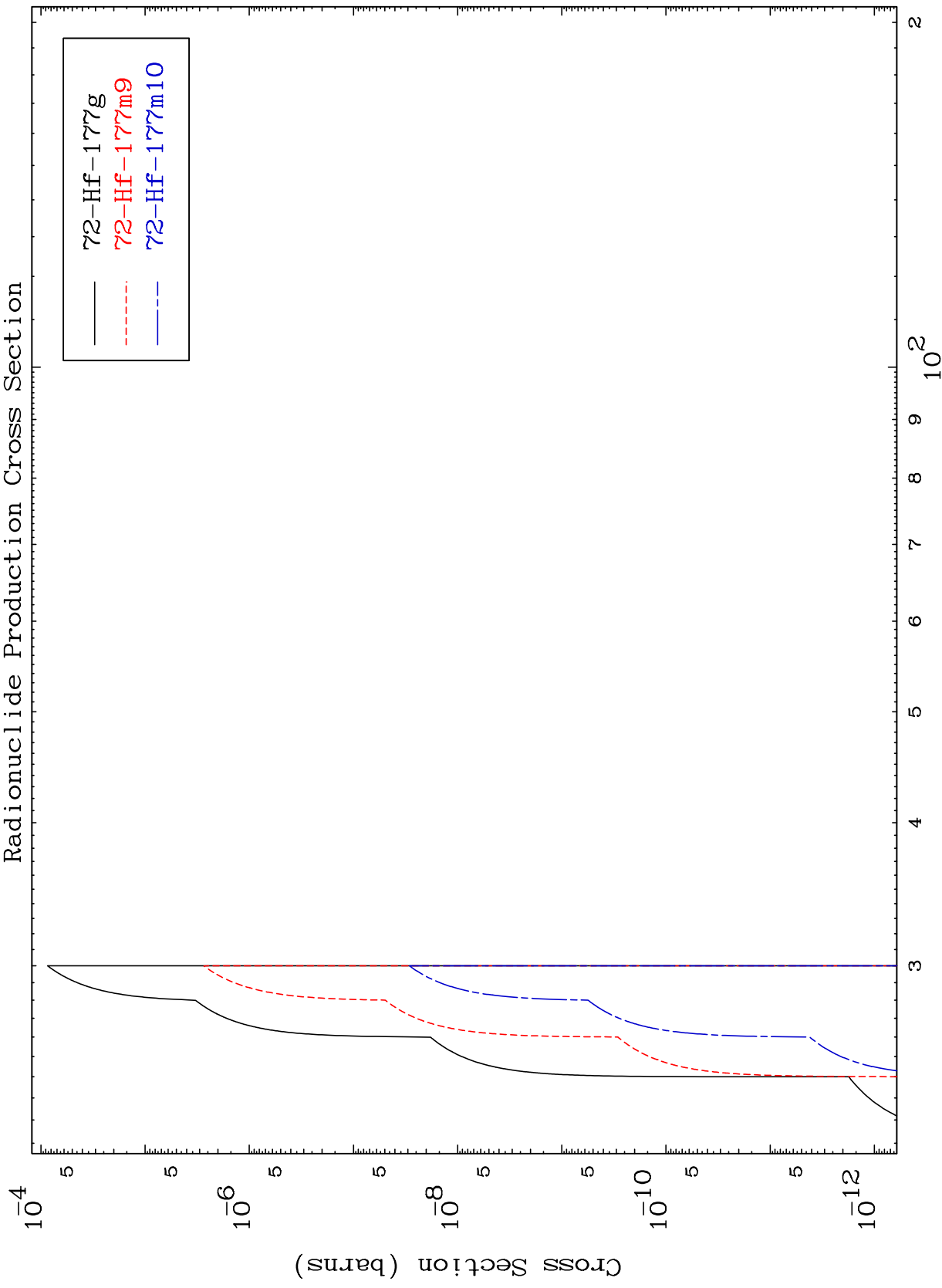
72-Hf-180

MAT 7243

(p,3n) p

72-Hf-180

Radionuclide Production Cross Section



23

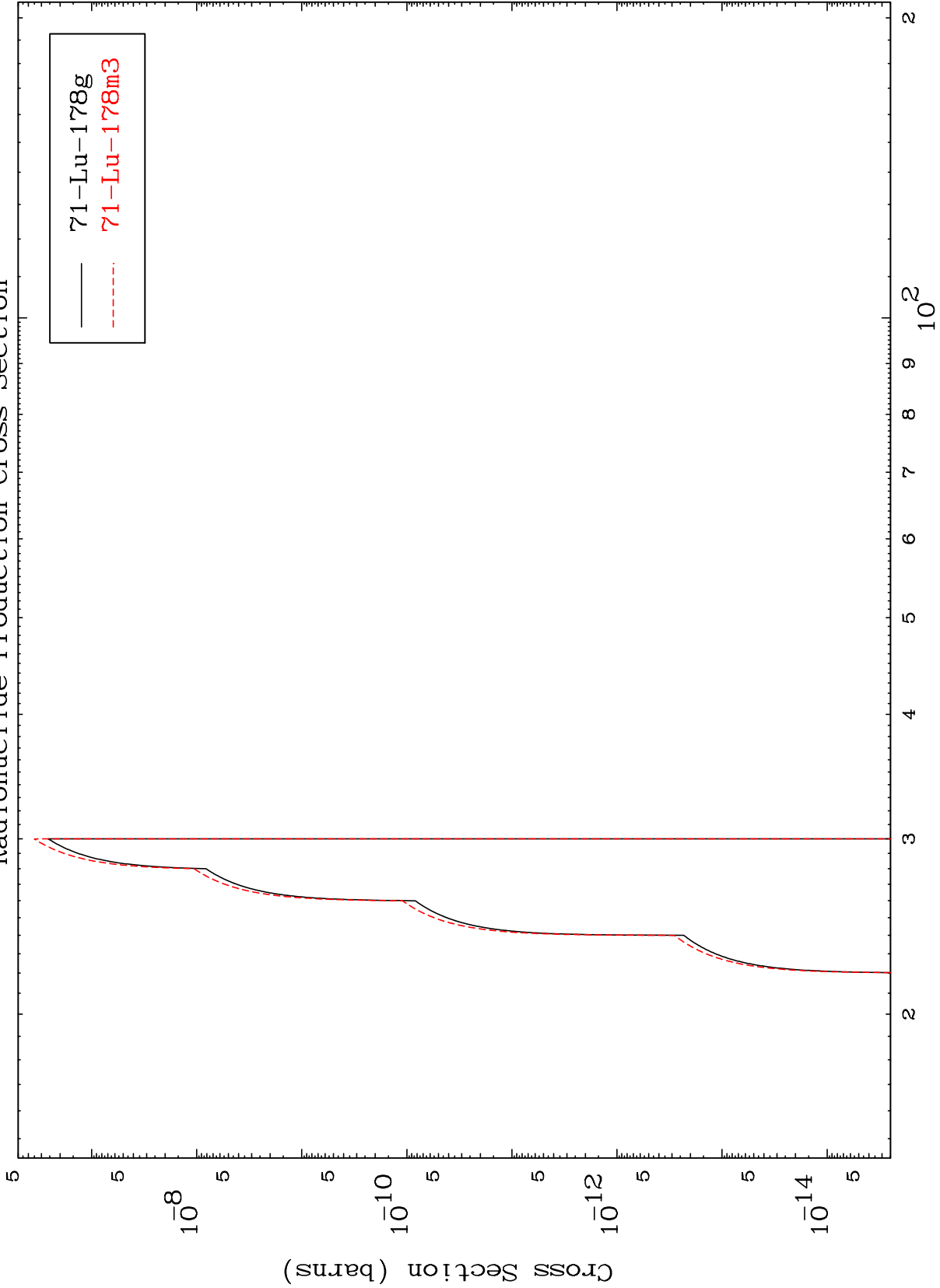
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(p,2n) p
Radionuclide Production Cross Section



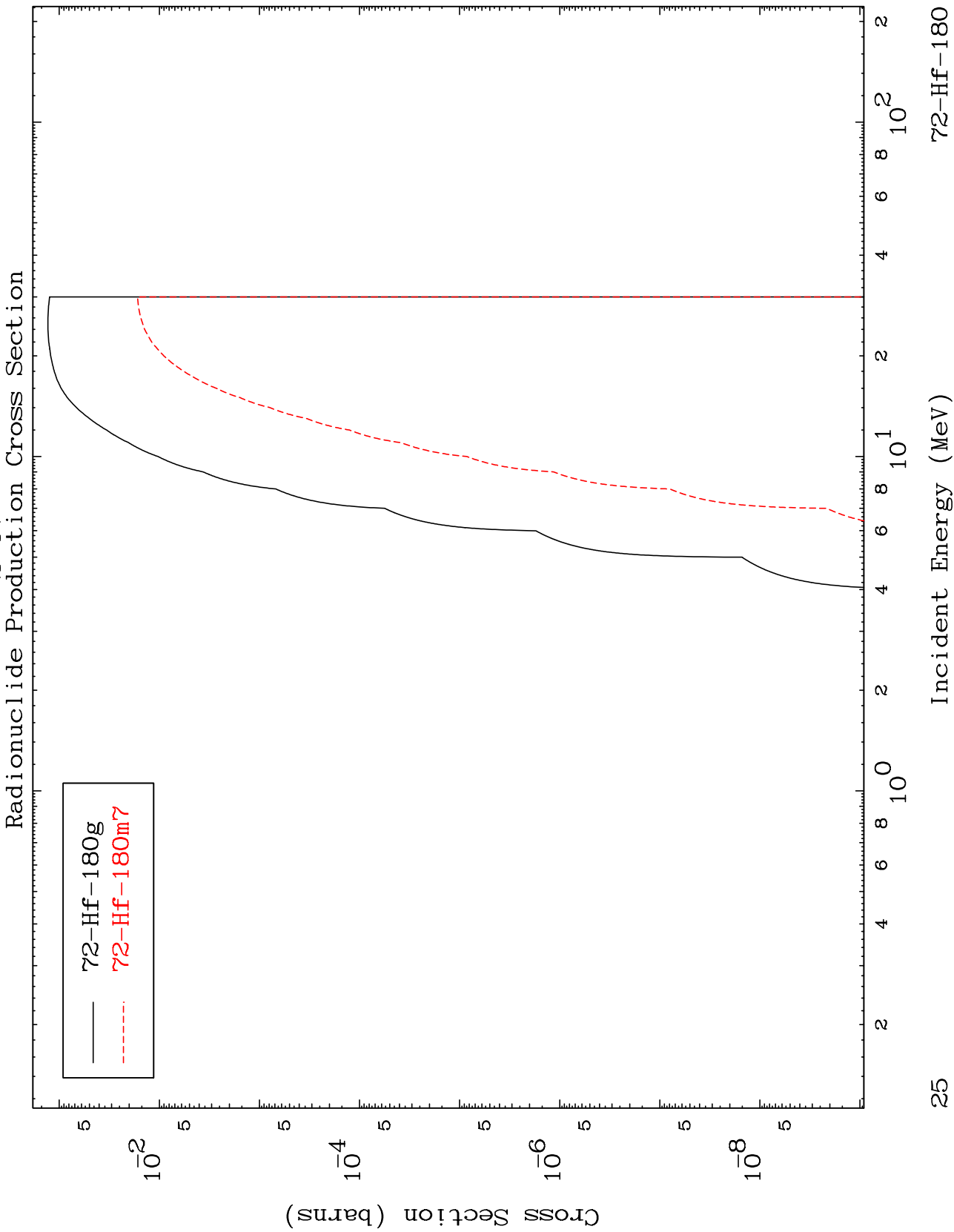
24

Incident Energy (MeV)

72-Hf-180

MAT 7243

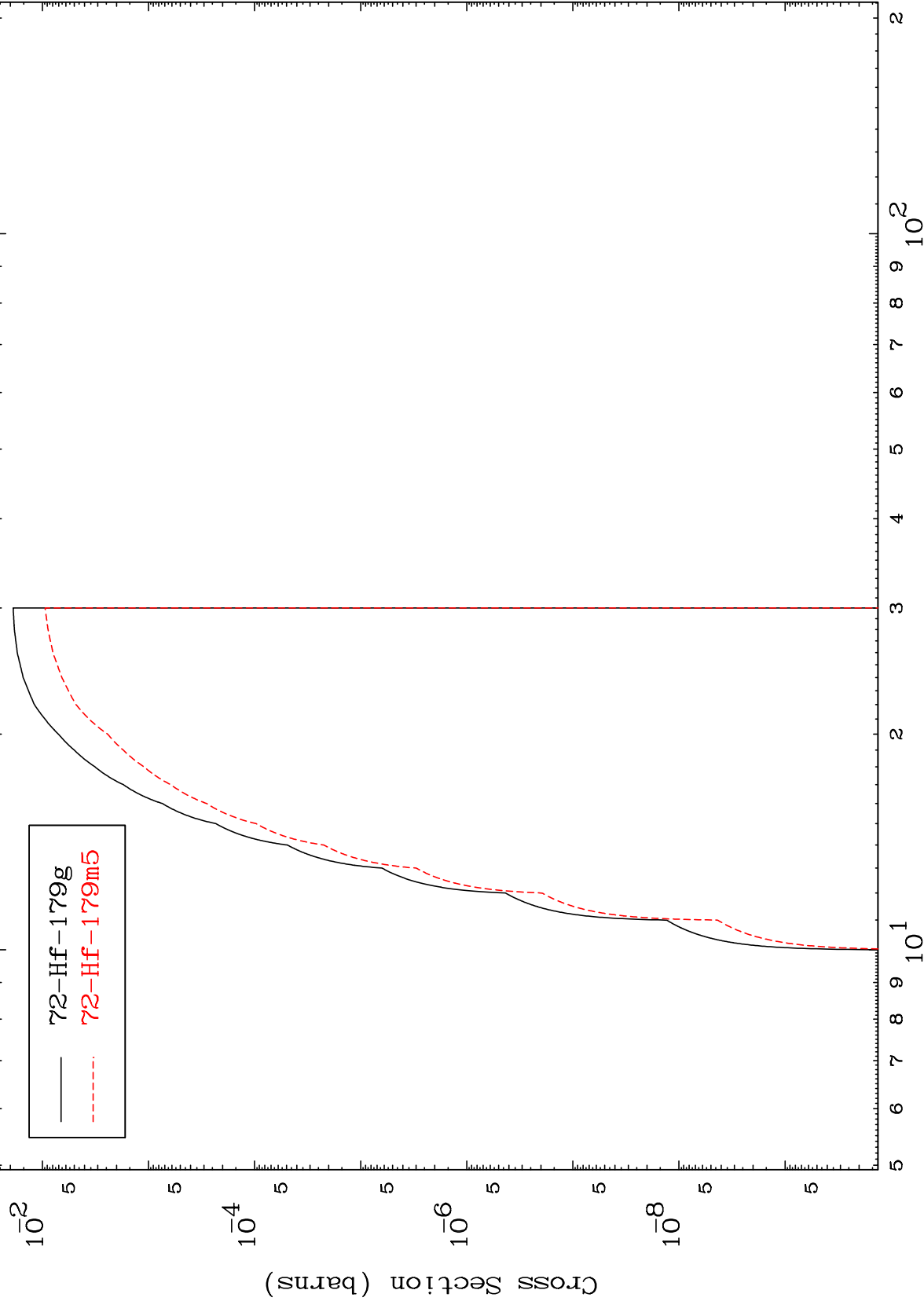
72-Hf-180



MAT 7243

72-Hf-180

(p,d)
Radionuclide Production Cross Section



26

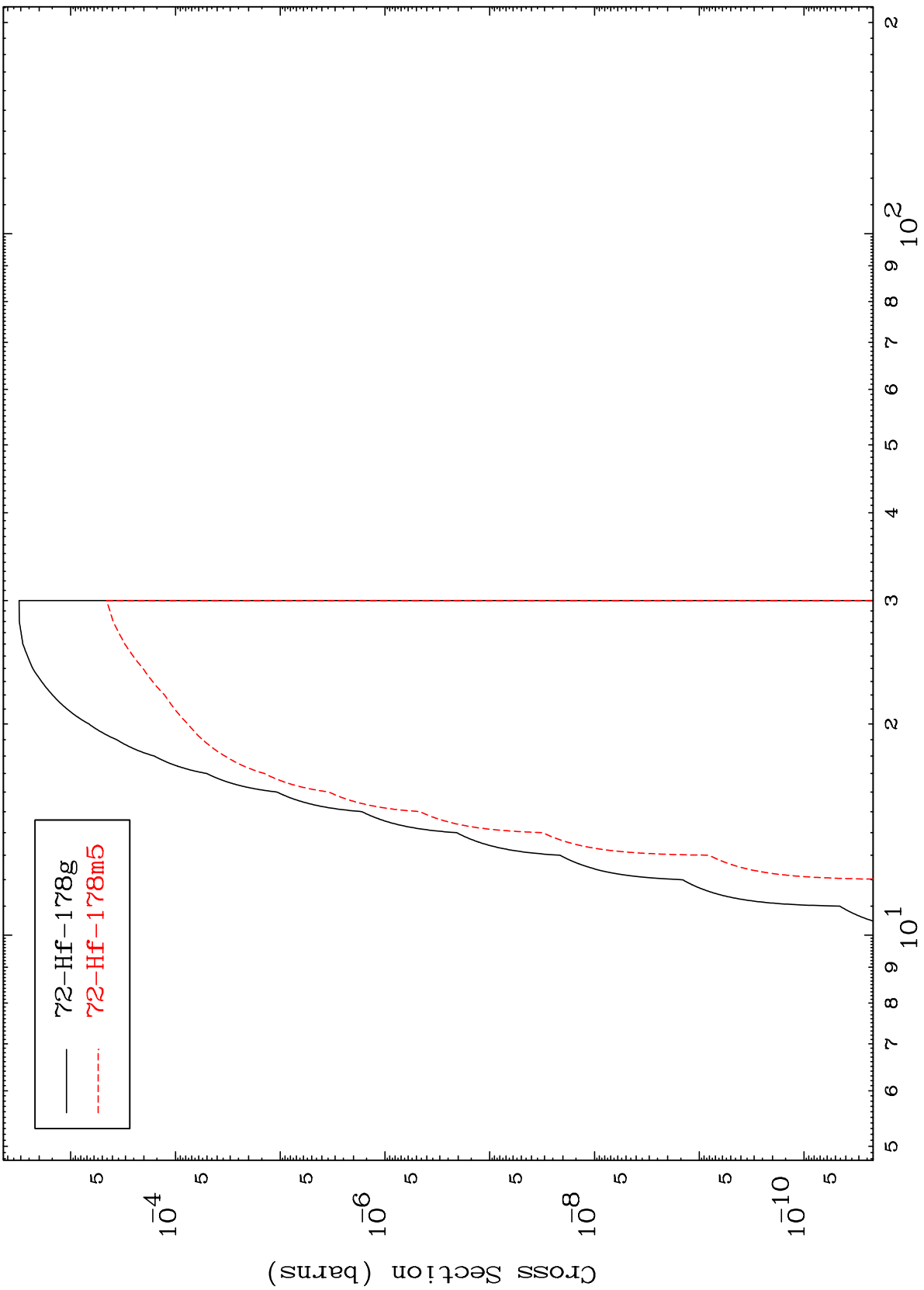
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

Radionuclide Production Cross Section (p, t)



27

Incident Energy (MeV)

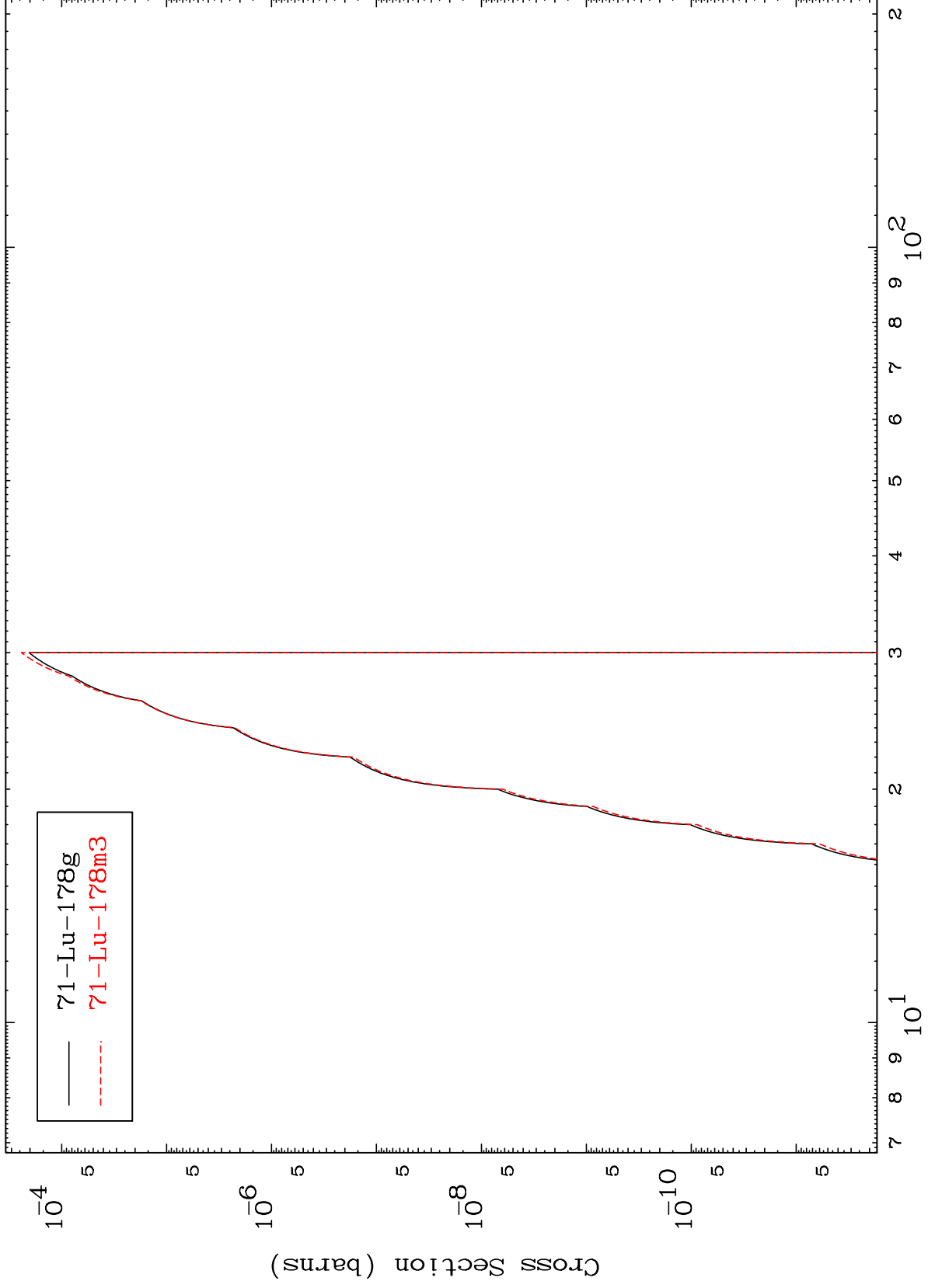
72-Hf-180

MAT 7243

(p,He-3)

72-Hf-180

Radionuclide Production Cross Section



28

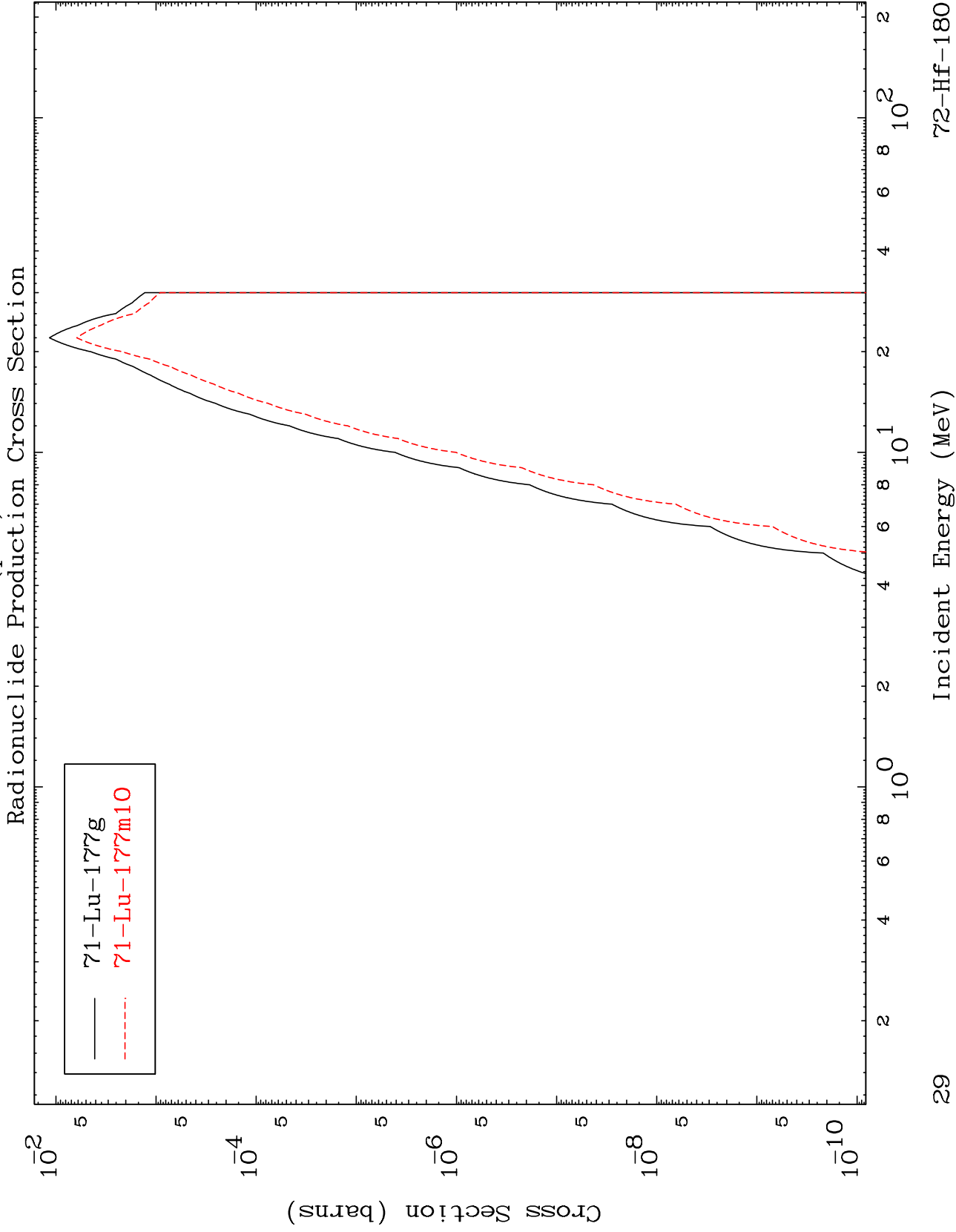
Incident Energy (MeV)

72-Hf-180

MAT 7243

(p, α)

72-Hf-180

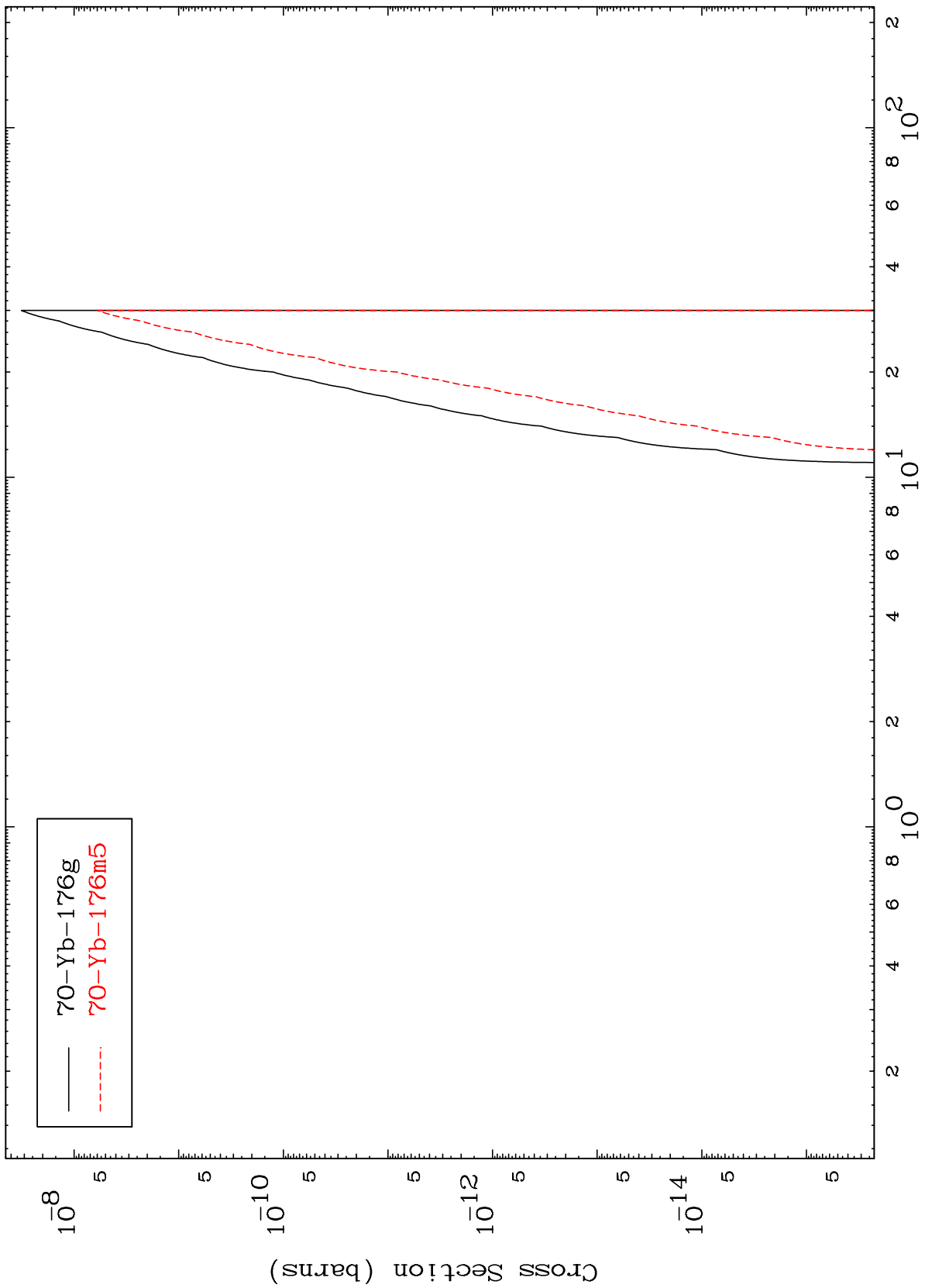


MAT 7243

(p,p) α

72-Hf-180

Radionuclide Production Cross Section



30

Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

