

Program EVALPLOT
(Version 2021-1)

by

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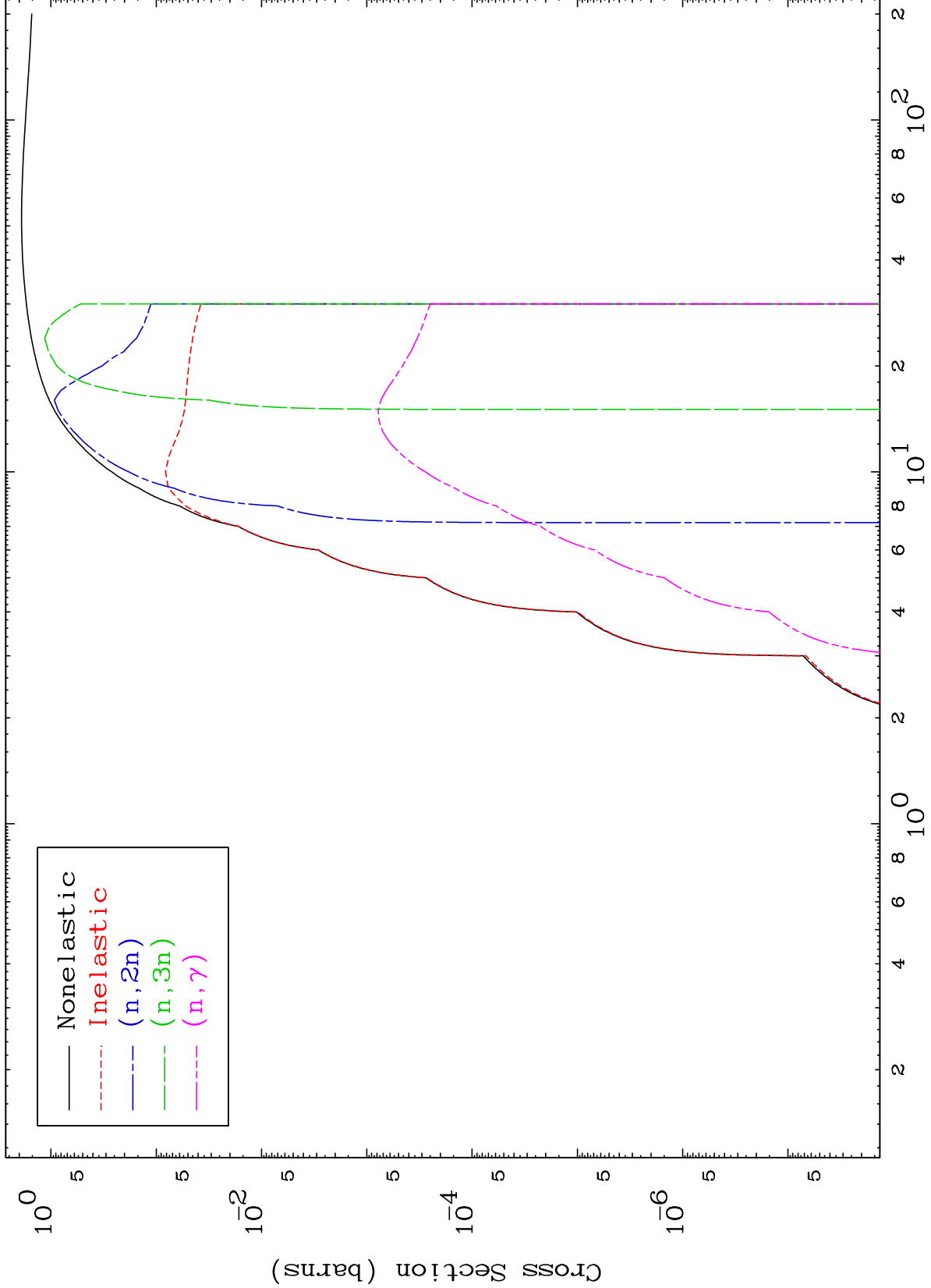
Press Mouse Button to Start

MAT 7244

Proton Major

72-Hf-180m

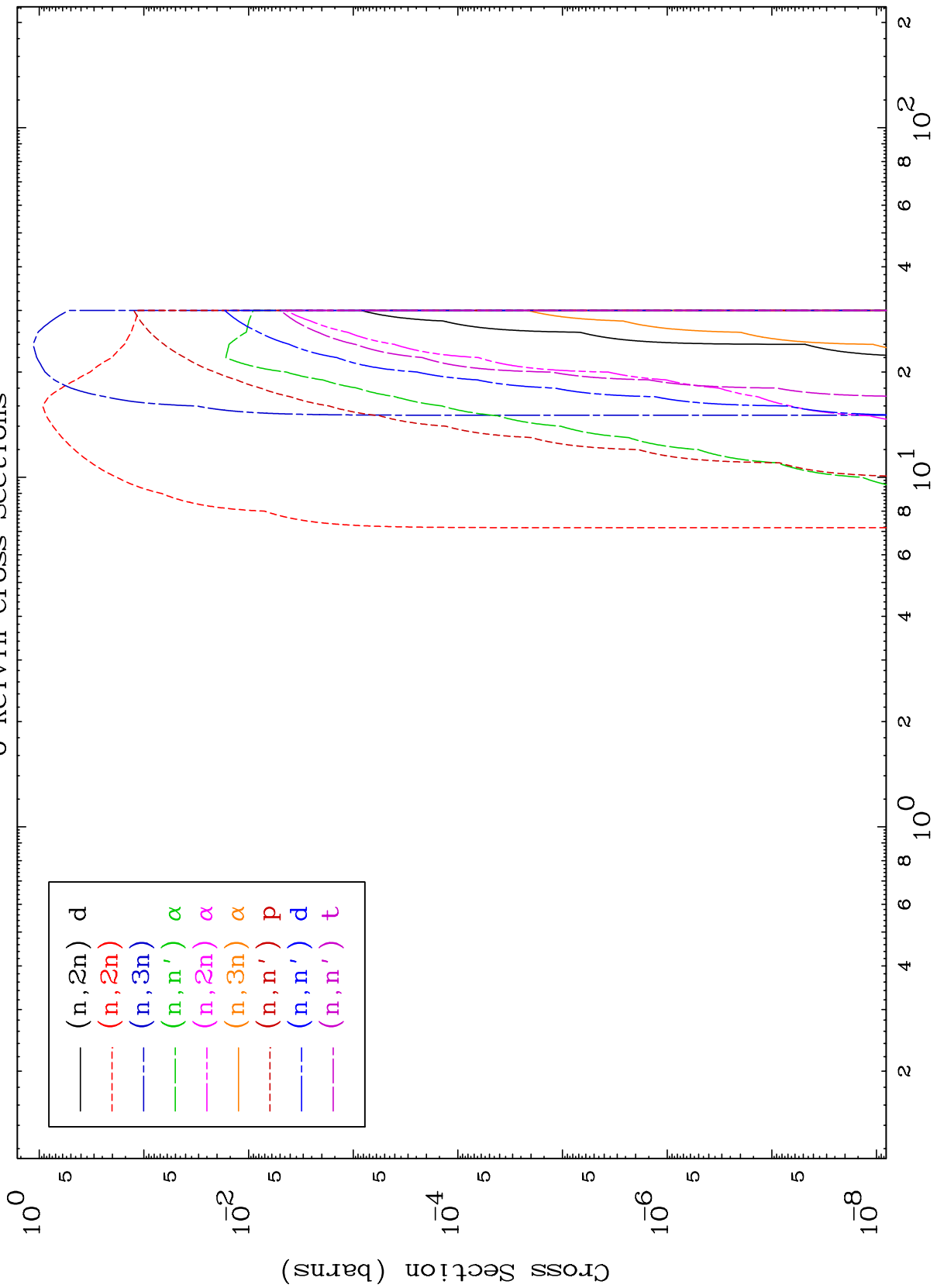
0 Kelvin Cross Sections



MAT 7244

Proton Neutron Absorption
0 Kelvin Cross Sections

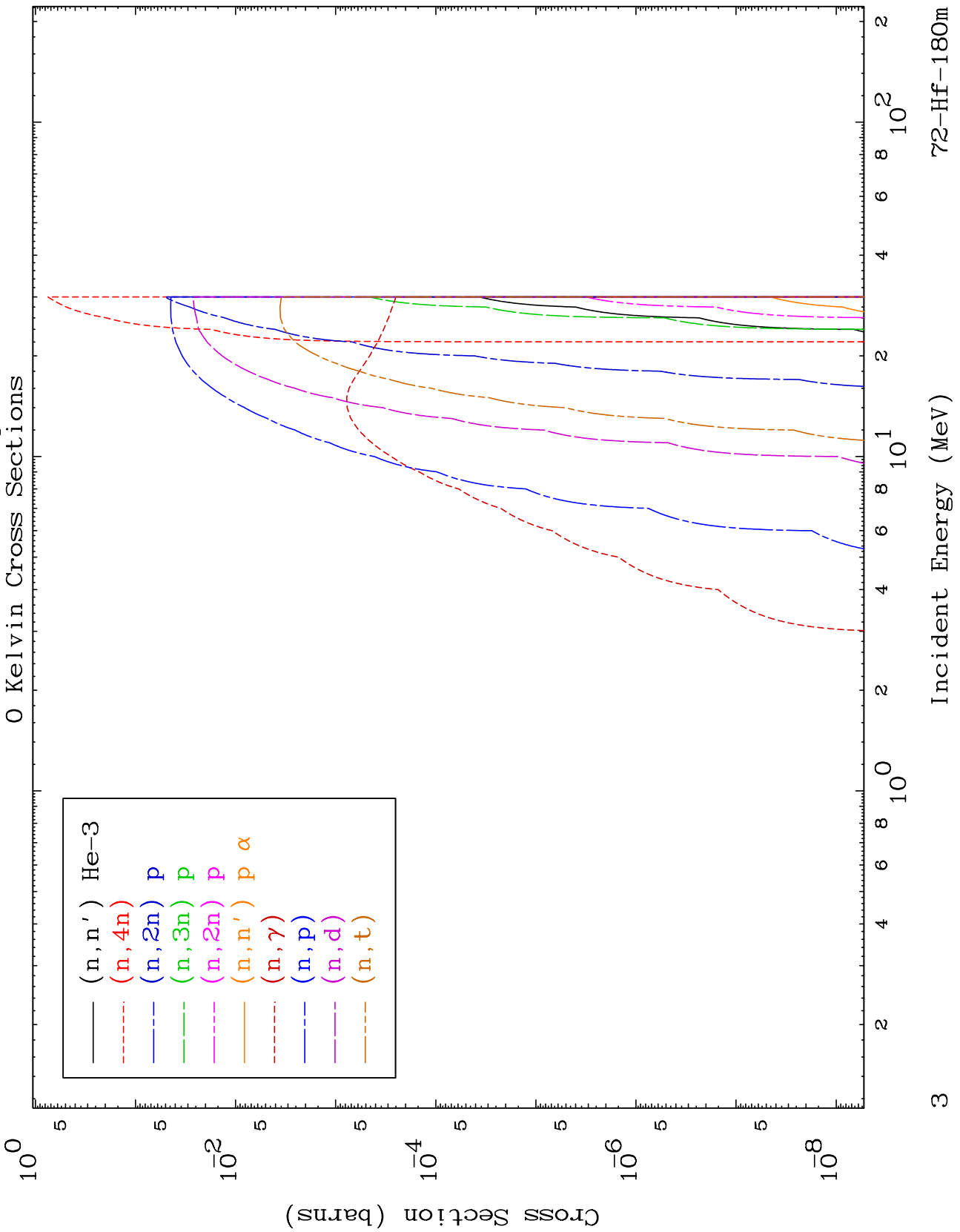
⁷²Hf-180m



MAT 7244

Proton Neutron Absorption
0 Kelvin Cross Sections

72-Hf-180m



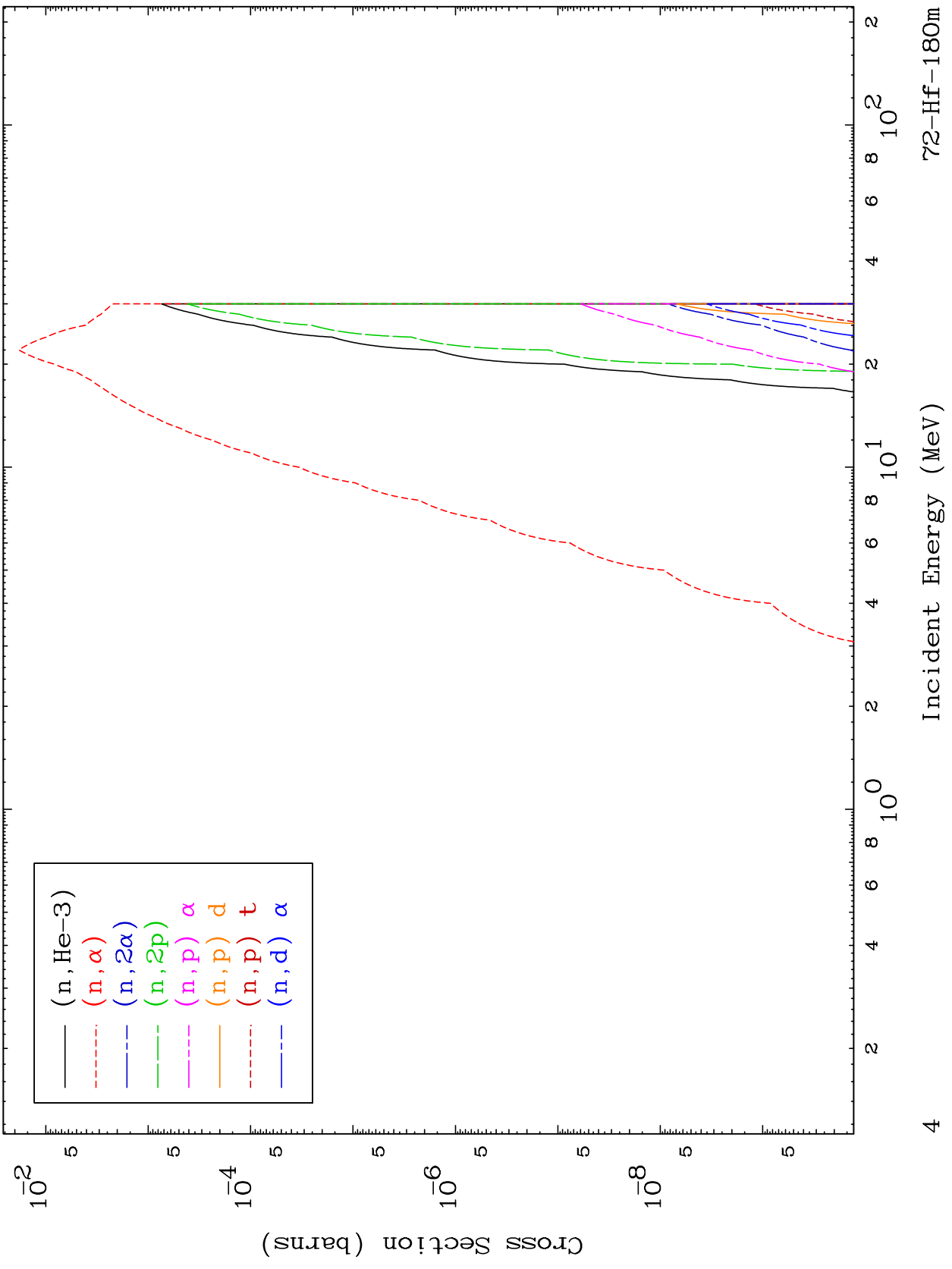
72-Hf-180m

Incident Energy (MeV)

MAT 7244

Proton Neutron Absorption
0 Kelvin Cross Sections

⁷²Hf-180m

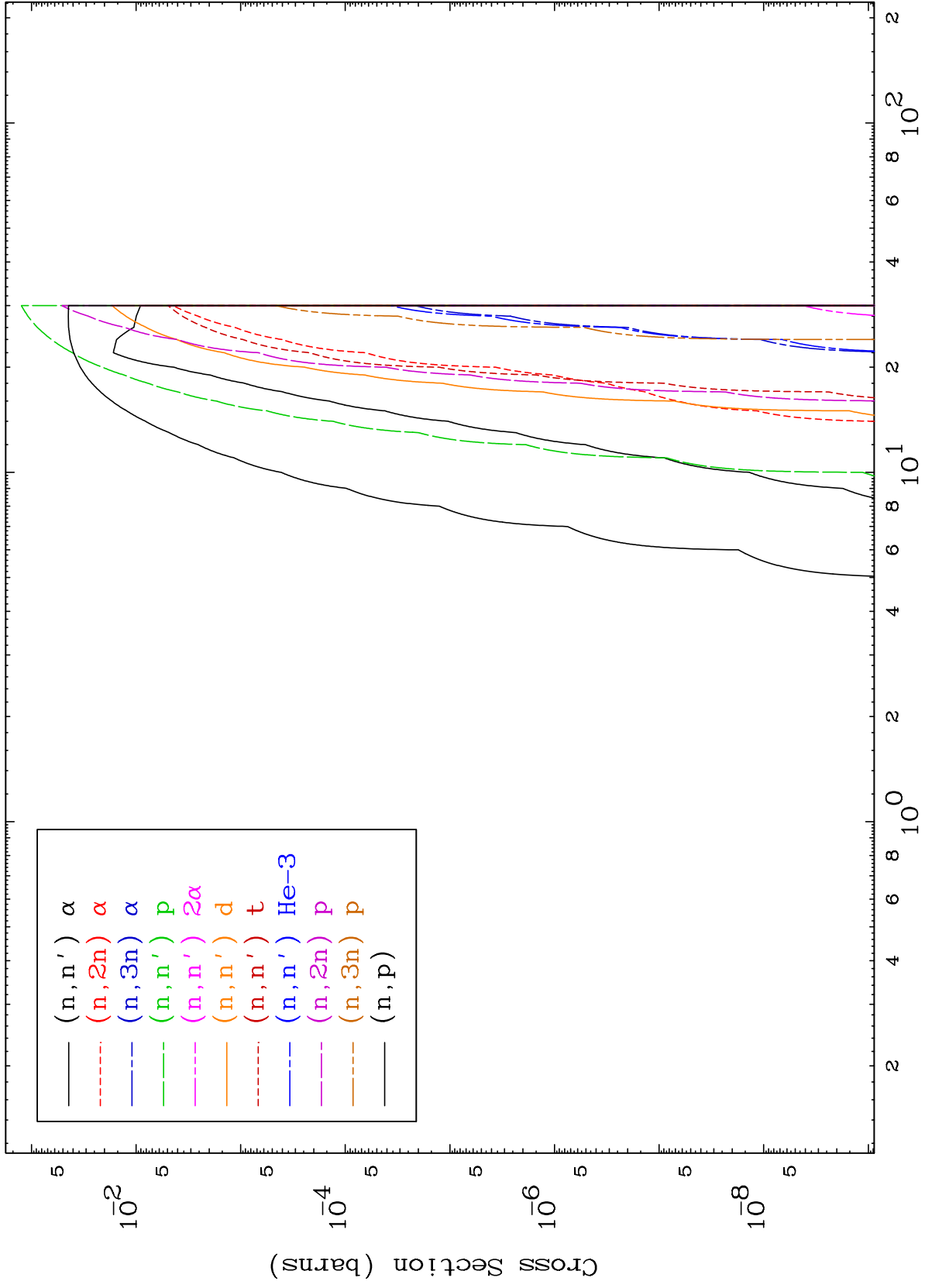


⁷²Hf-180m

MAT 7244

Proton Charged Particle
0 Kelvin Cross Sections

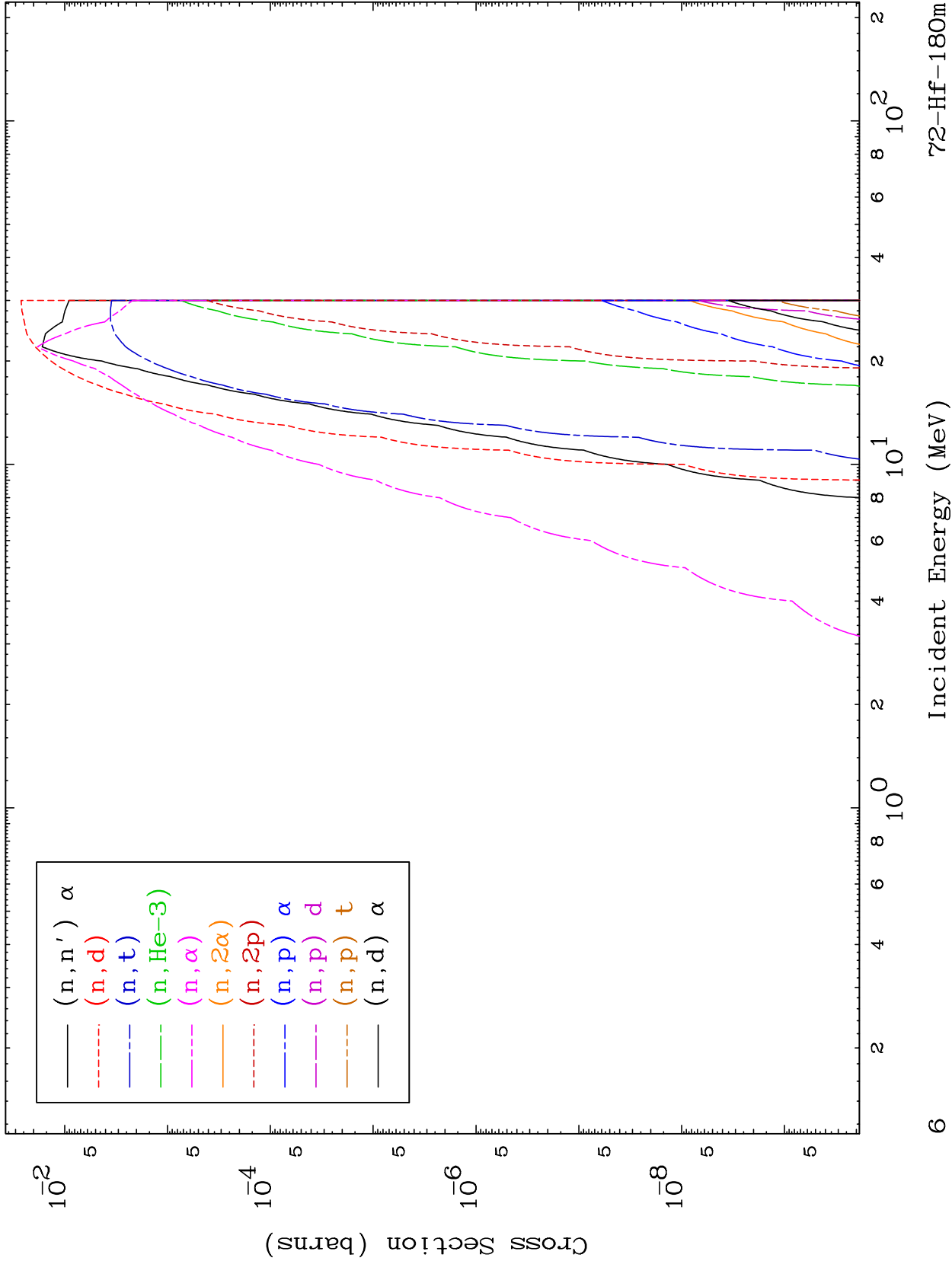
72-Hf-180m



MAT 7244

Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-180m

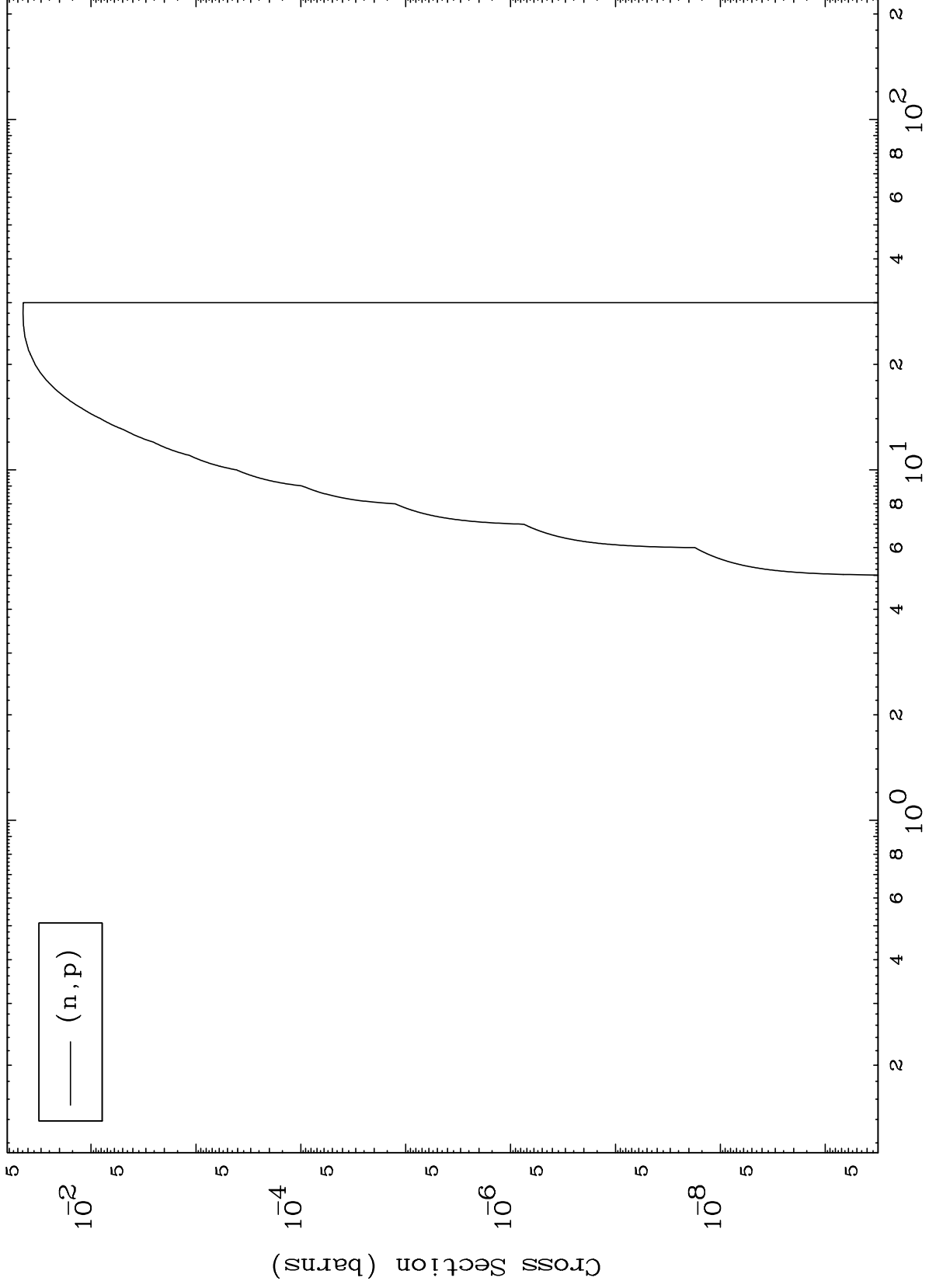


MAT 7244

(p,p) Levels

72-Hf-180m

0 Kelvin Cross Sections



7

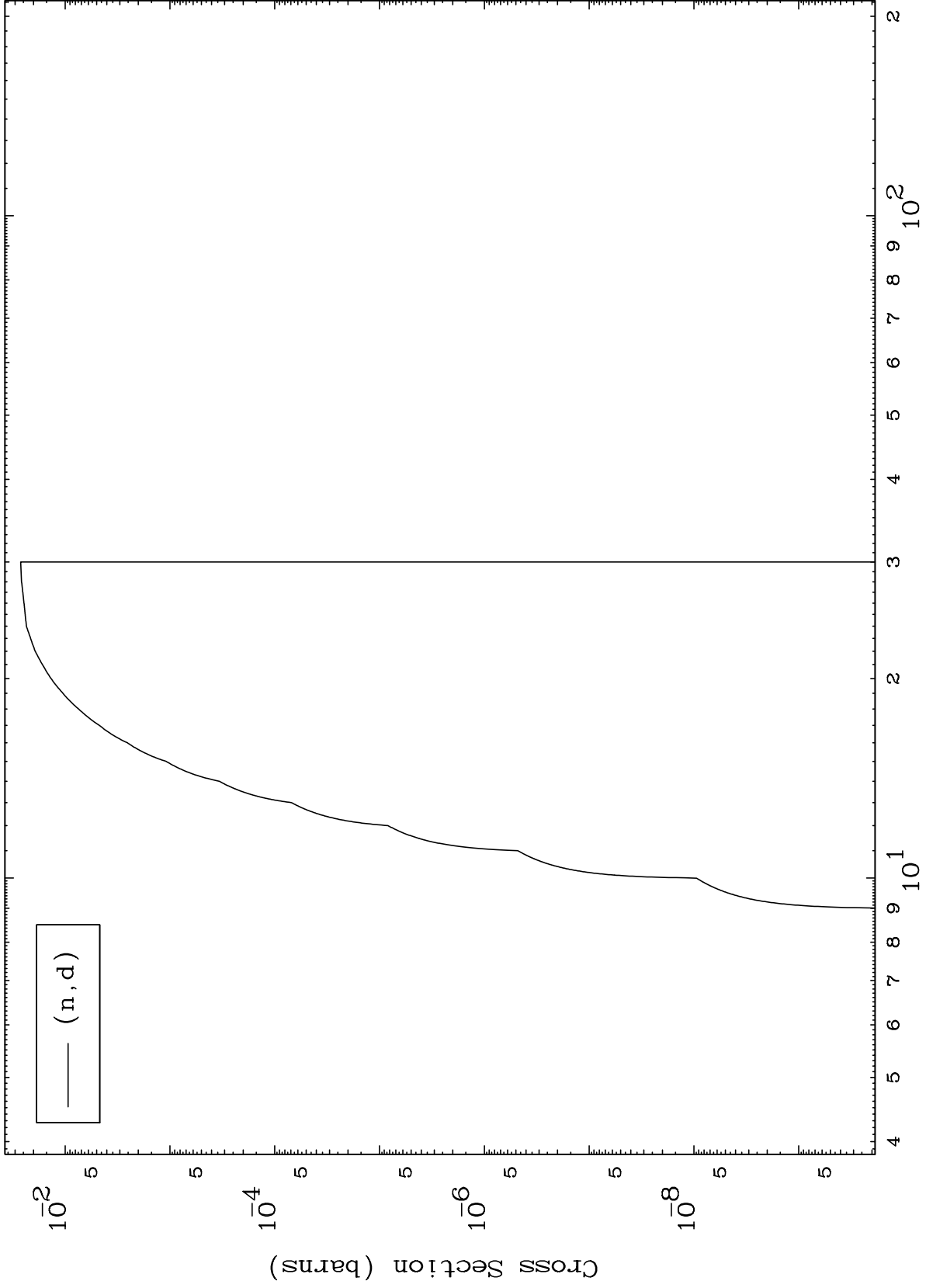
Incident Energy (MeV)

72-Hf-180m

MAT 7244

(p,d) Levels
0 Kelvin Cross Sections

⁷²Hf-180m



8

Incident Energy (MeV)

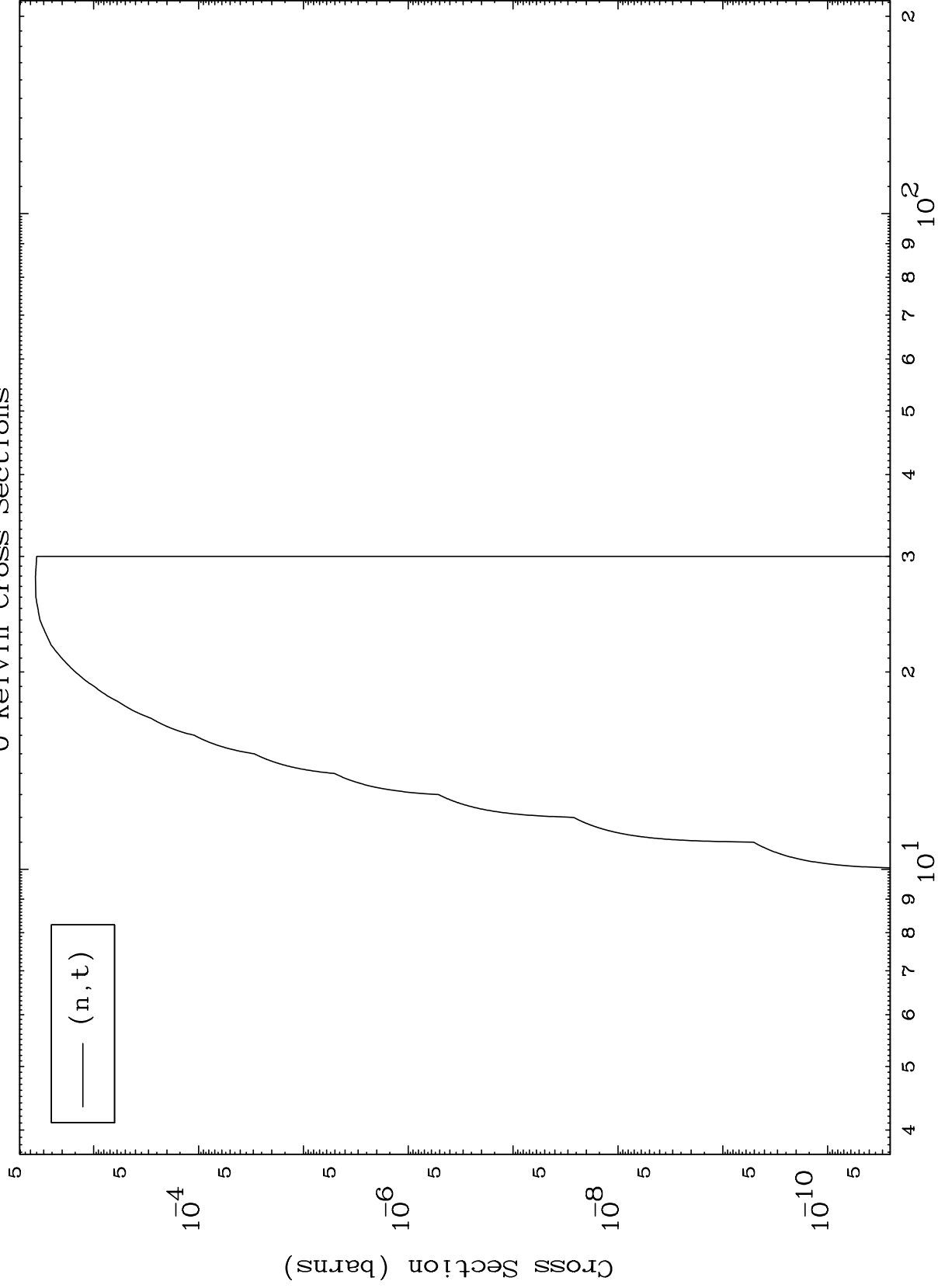
⁷²Hf-180m

MAT 7244

(p, t) Levels

0 Kelvin Cross Sections

⁷²Hf-180m



9

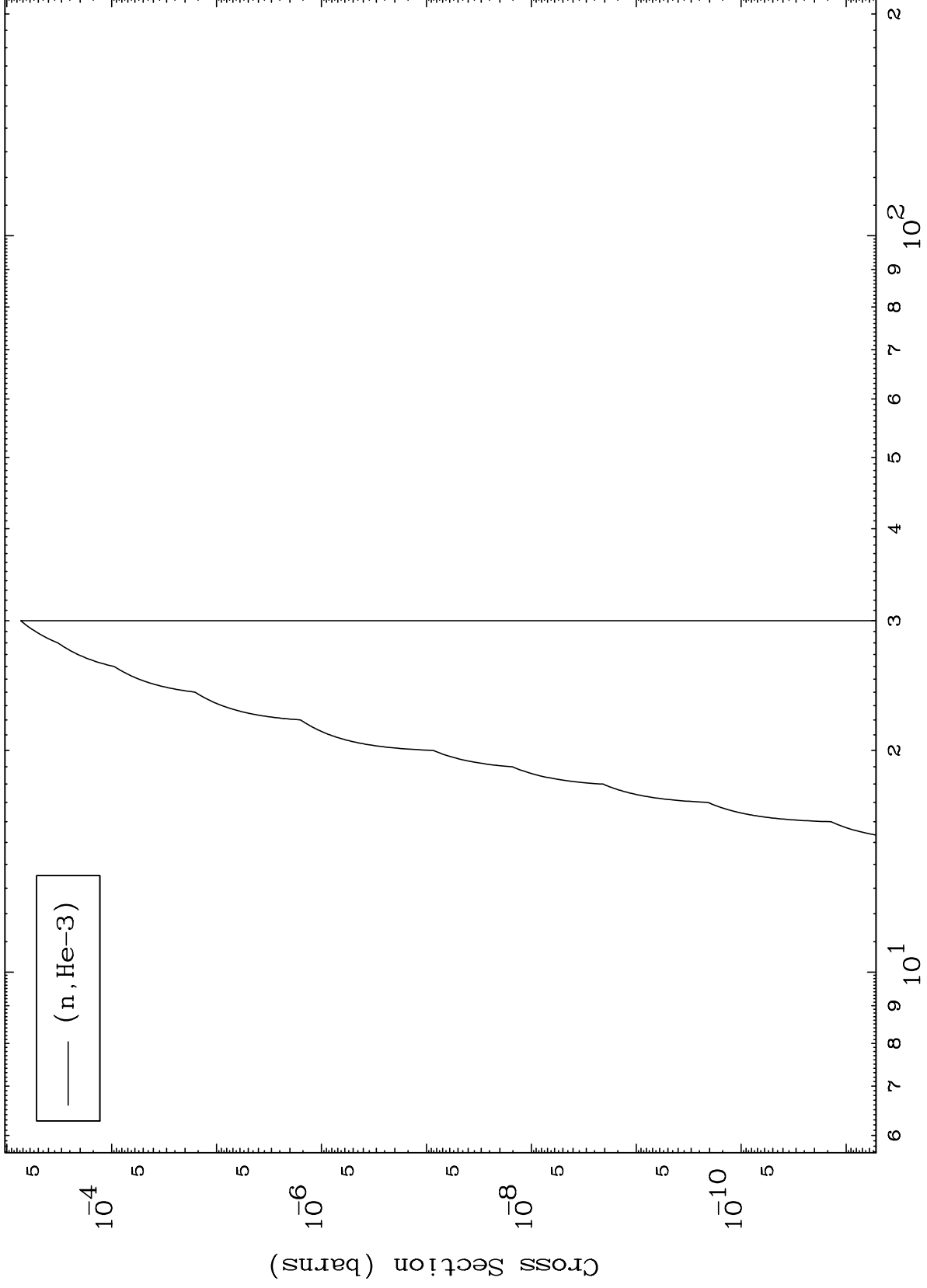
Incident Energy (MeV)

⁷²Hf-180m

MAT 7244

(p,He3) Levels
0 Kelvin Cross Sections

72-Hf-180m



10

Incident Energy (MeV)

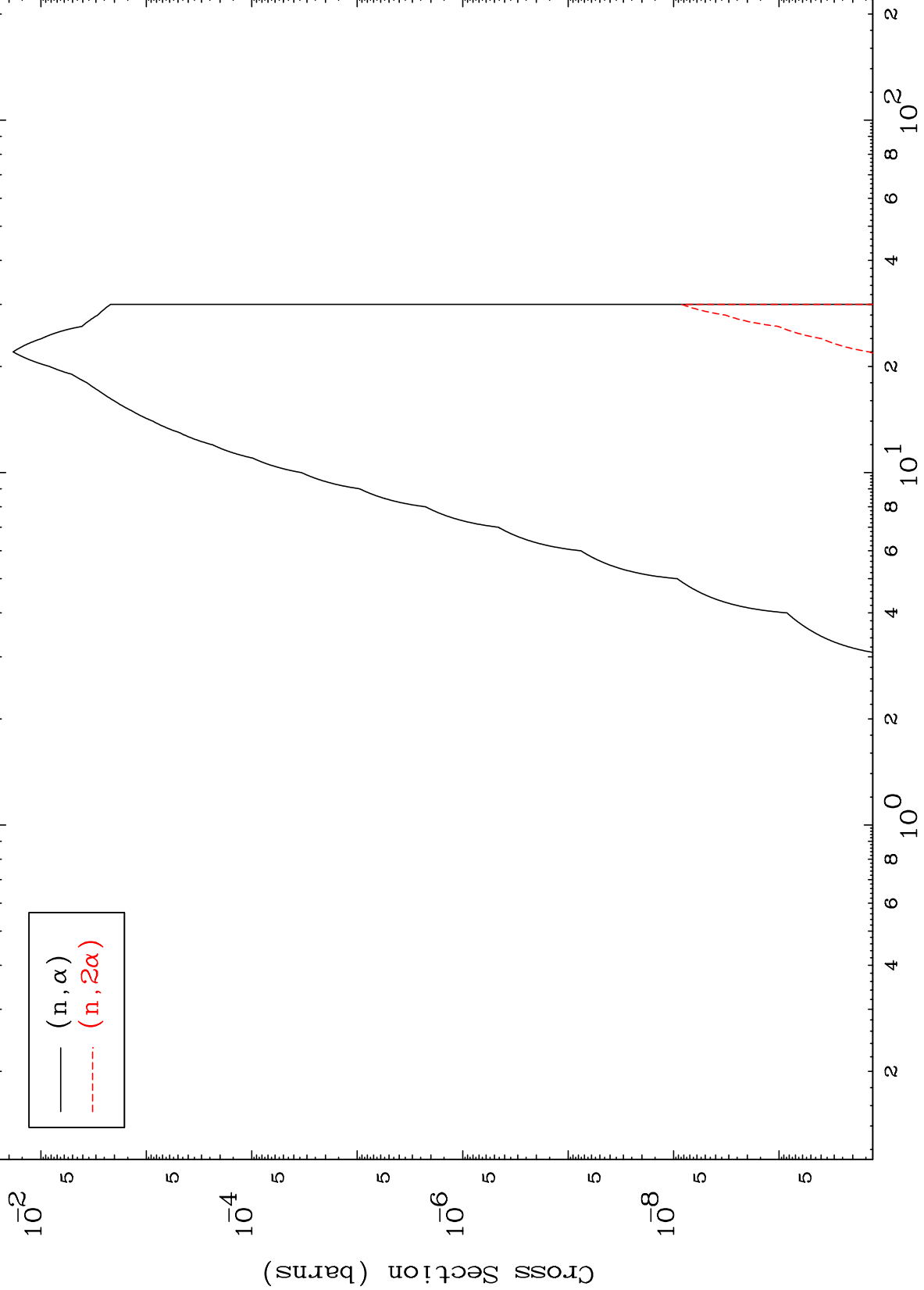
72-Hf-180m

MAT 7244

(p, α) Levels

⁷²Hf-180m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2 α)

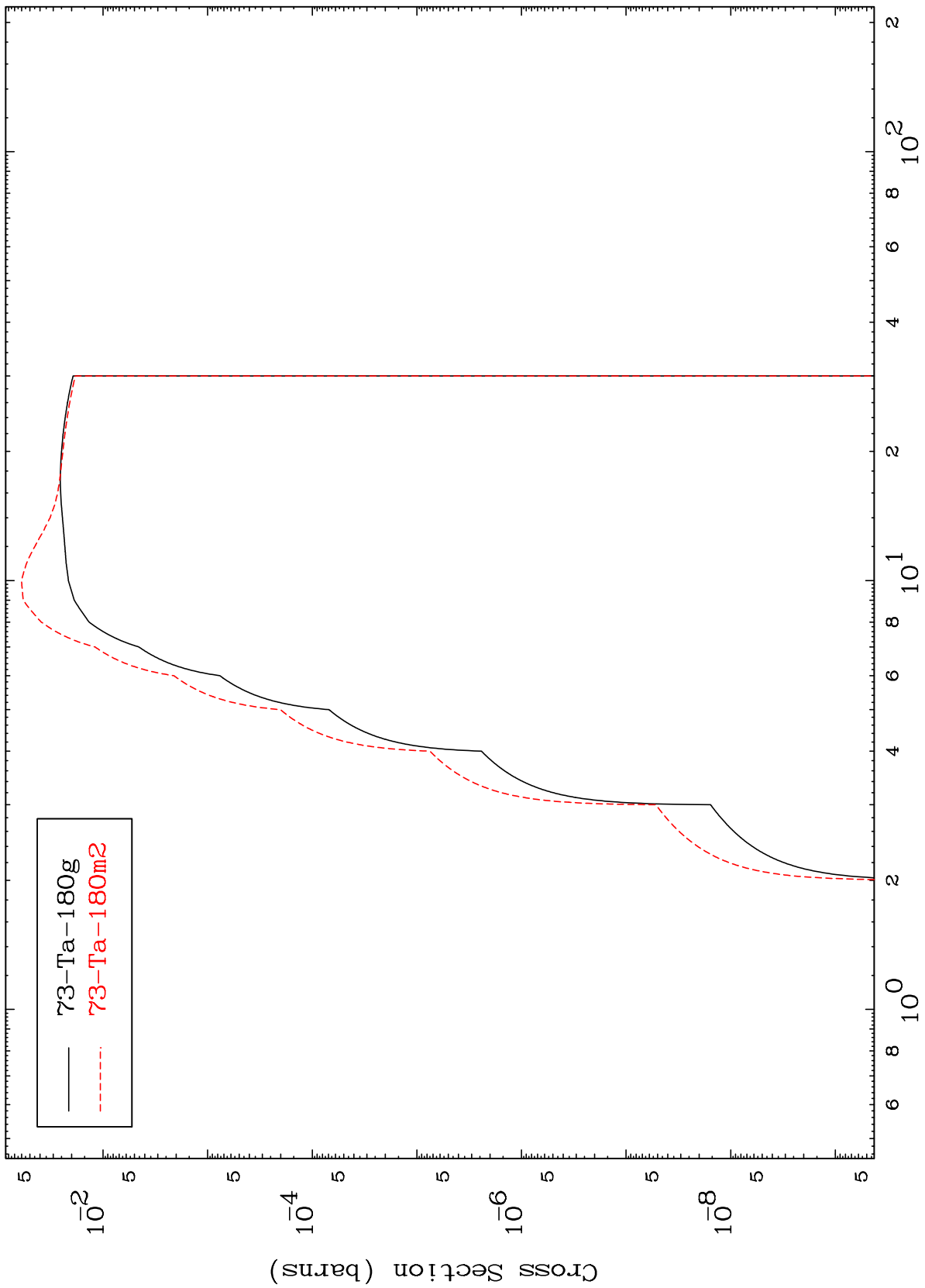
⁷²Hf-180m

Incident Energy (MeV)

MAT 7244

72-Hf-180m

Radionuclide Production Cross Section



73-Ta-180g
73-Ta-180m2

72-Hf-180m

Incident Energy (MeV)

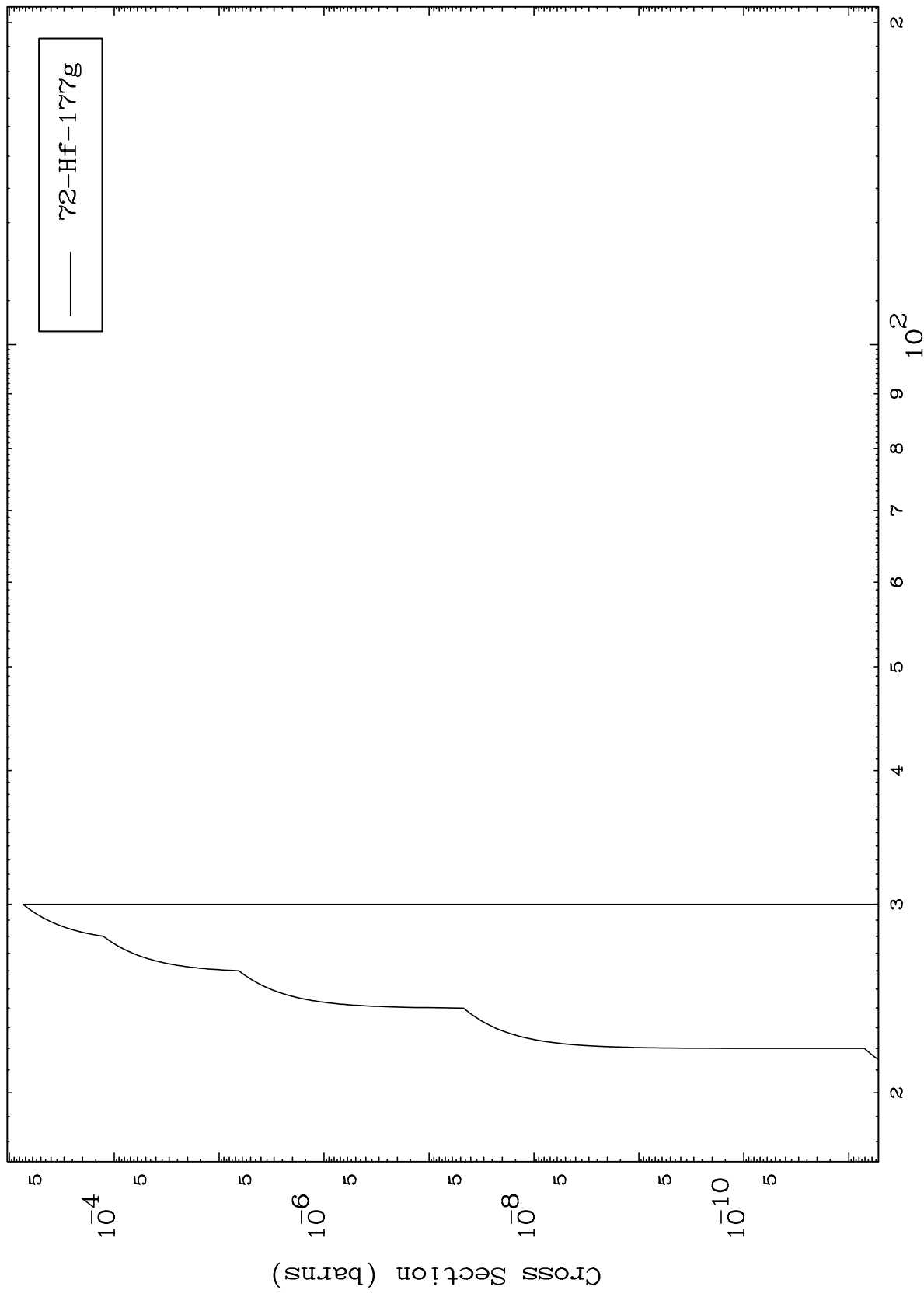
12

MAT 7244

(n,2n) d

72-Hf-180m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

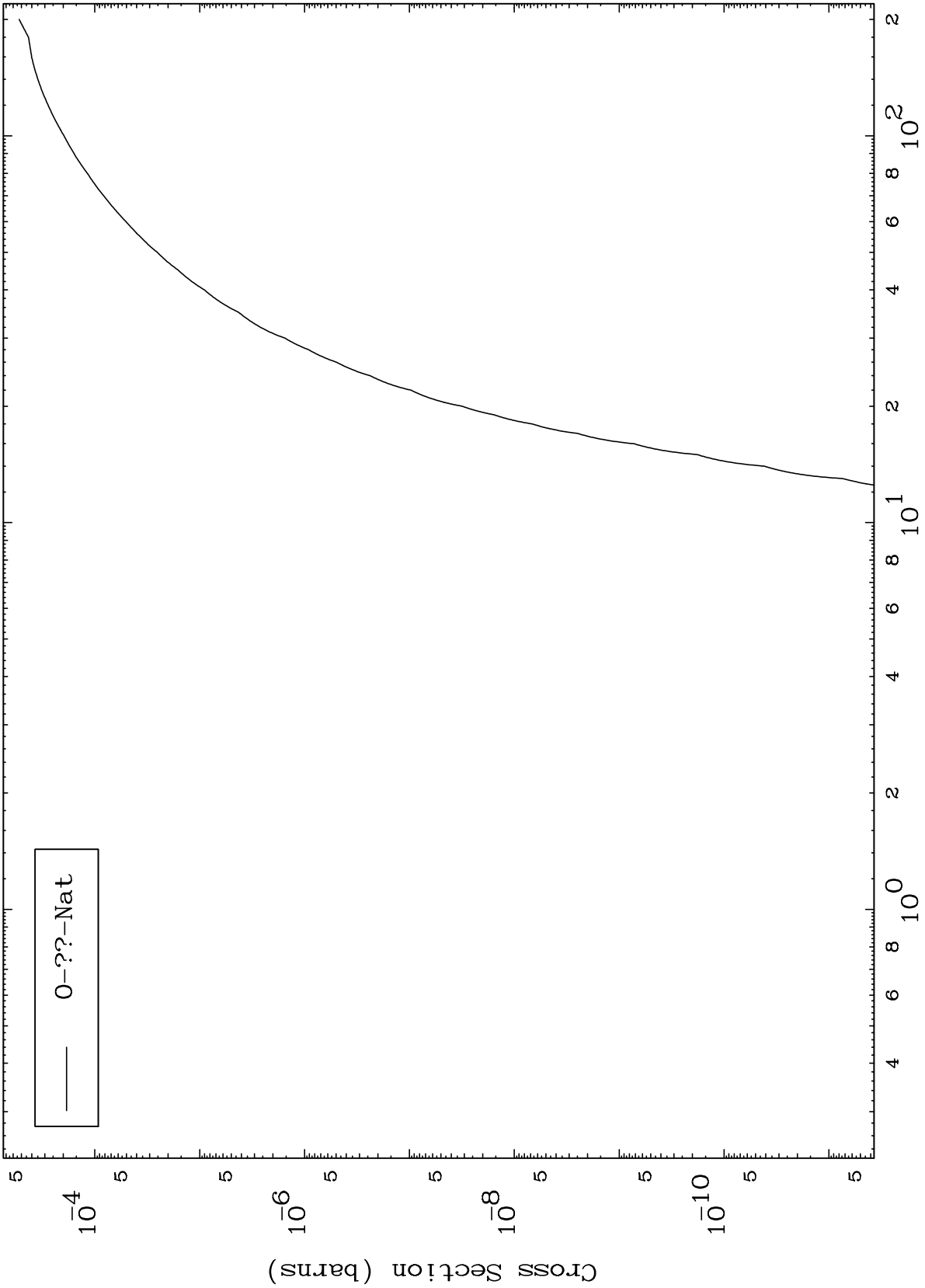
72-Hf-180m

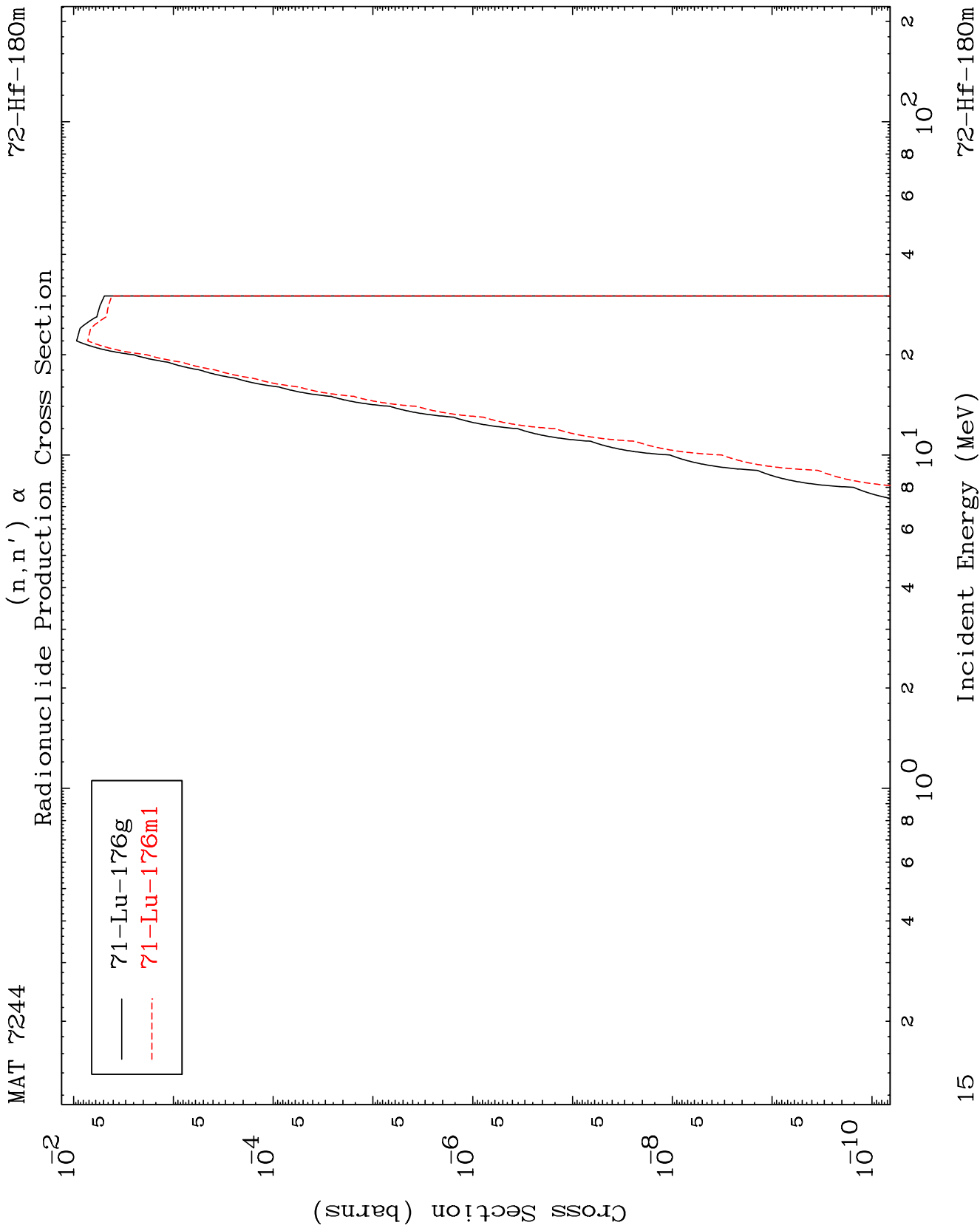
MAT 7244

Fission

⁷²Hf-180m

Radionuclide Production Cross Section



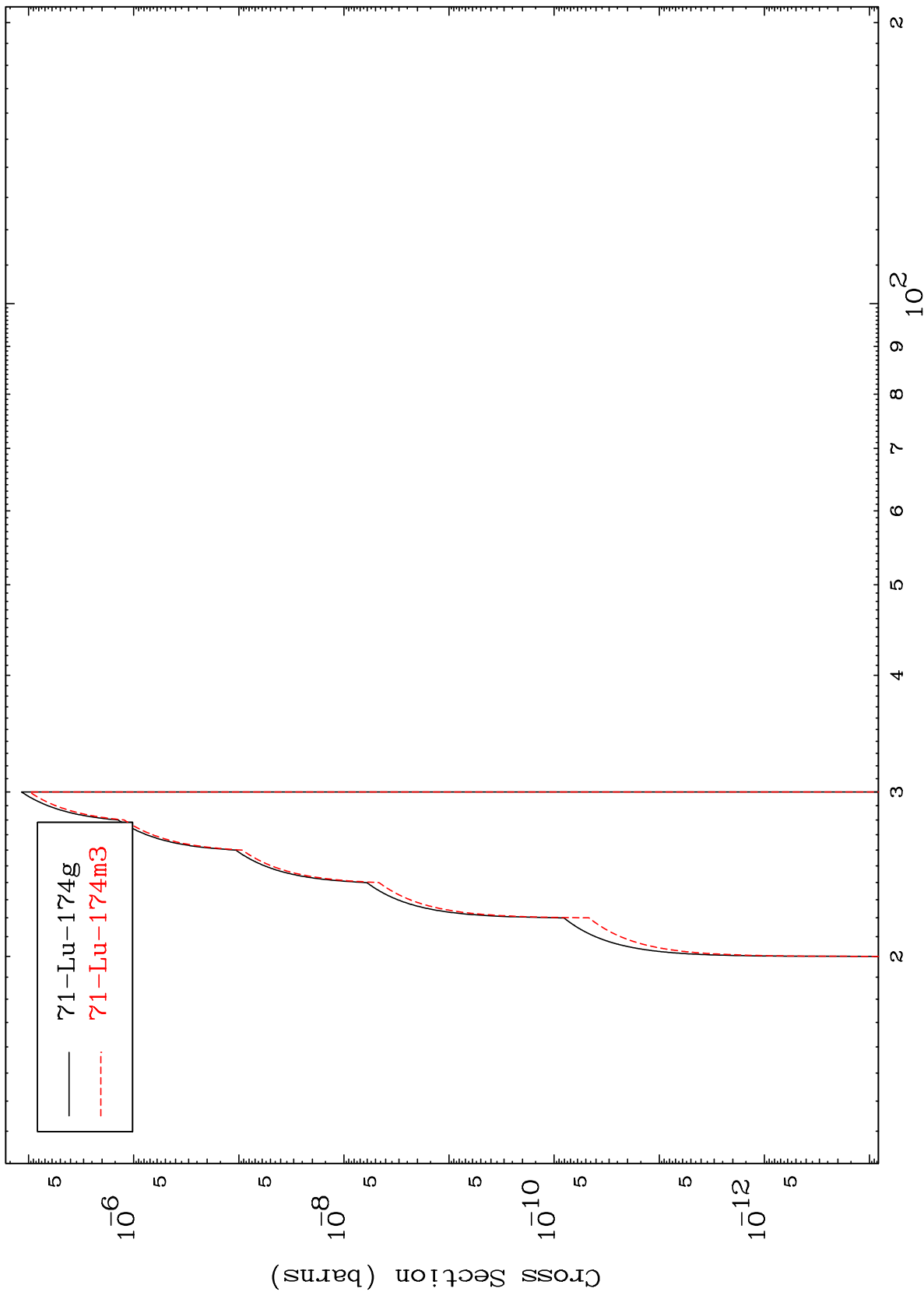


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(n,3n) α

⁷²Hf-180m

Radionuclide Production Cross Section

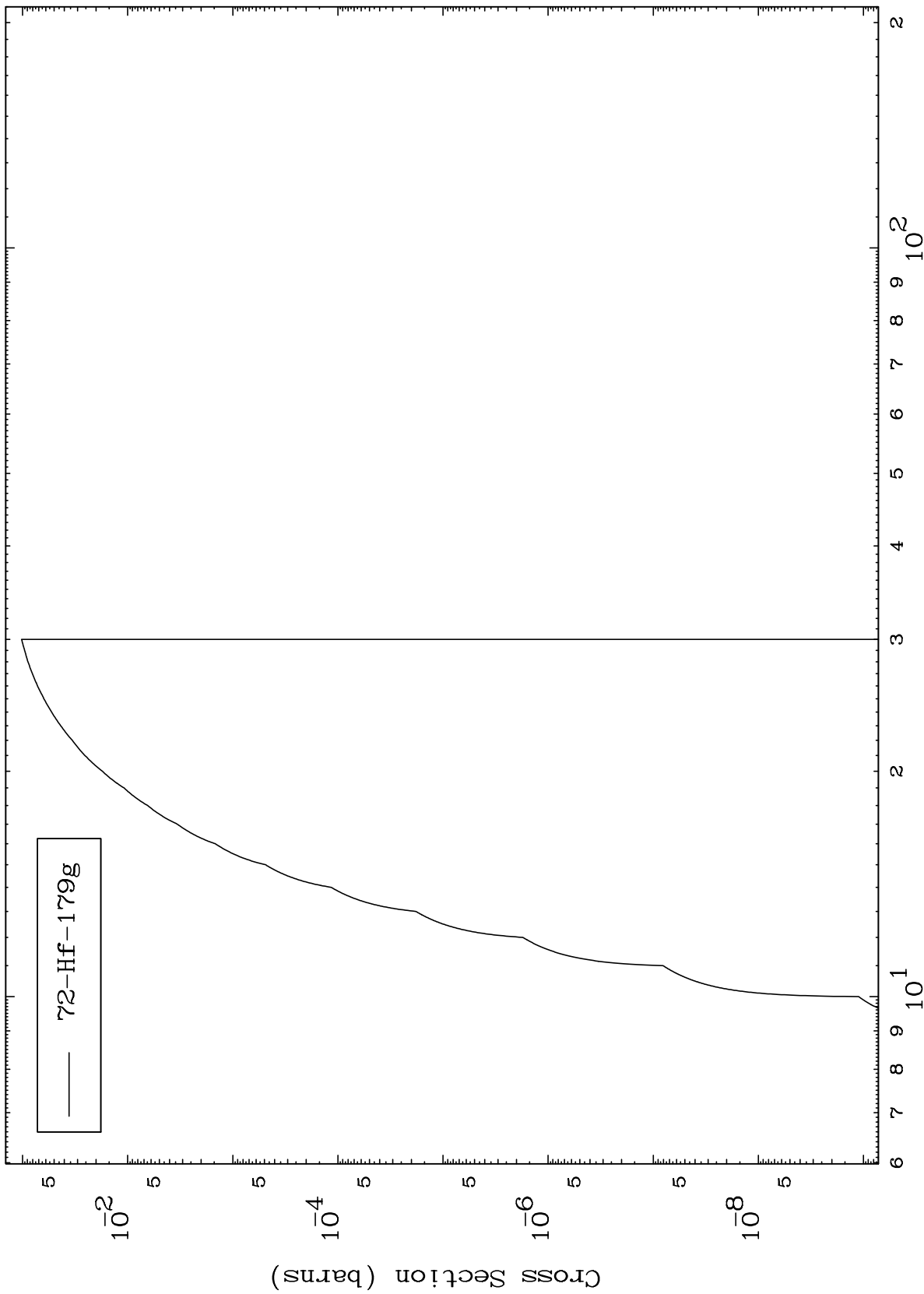


MAT 7244

(n,n') p

⁷²Hf-180m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

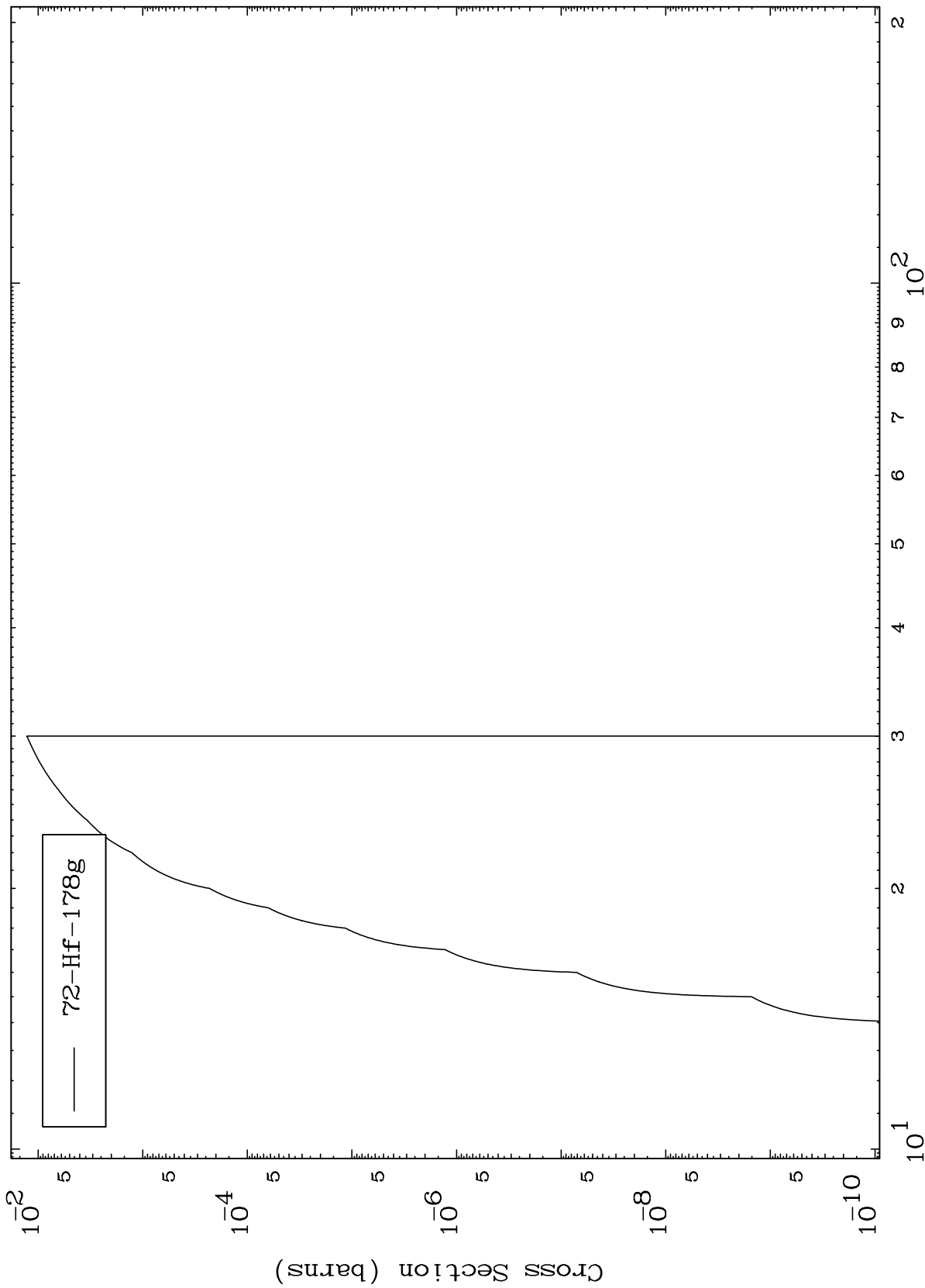
⁷²Hf-180m

MAT 7244

(n,n') d

72-Hf-180m

Radionuclide Production Cross Section



Incident Energy (MeV)

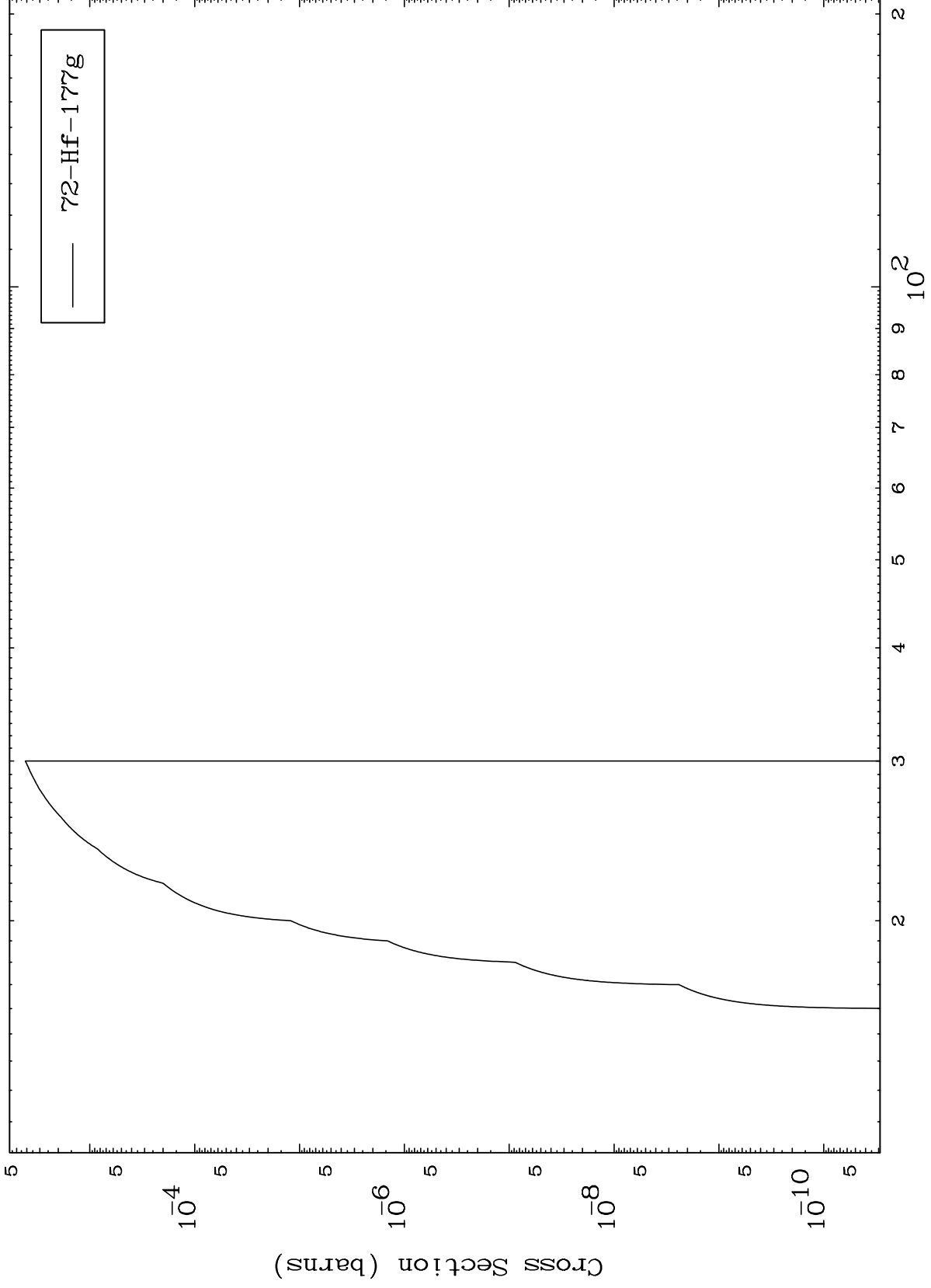
72-Hf-180m

MAT 7244

(n,n') t

72-Hf-180m

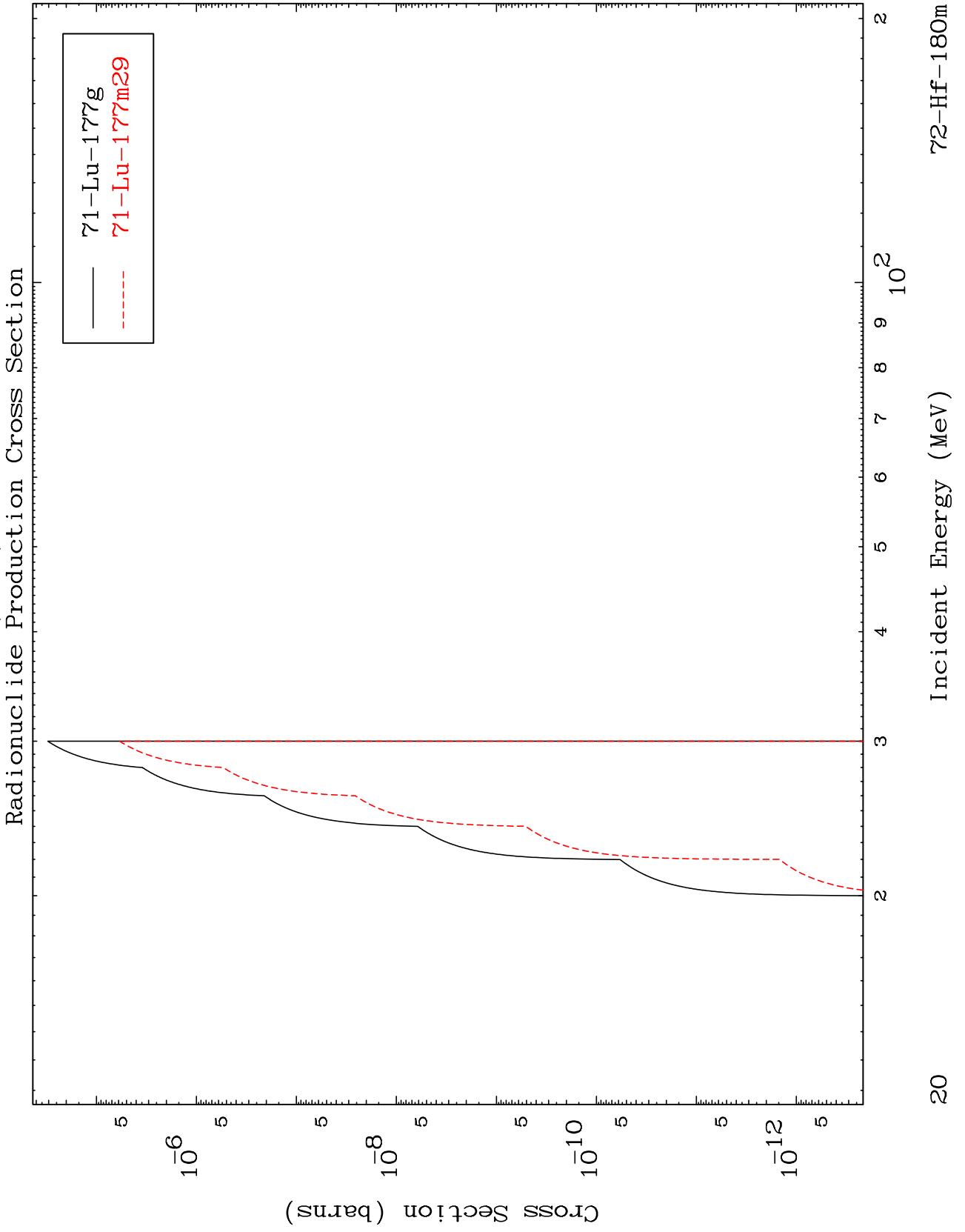
Radionuclide Production Cross Section



19

Incident Energy (MeV)

72-Hf-180m

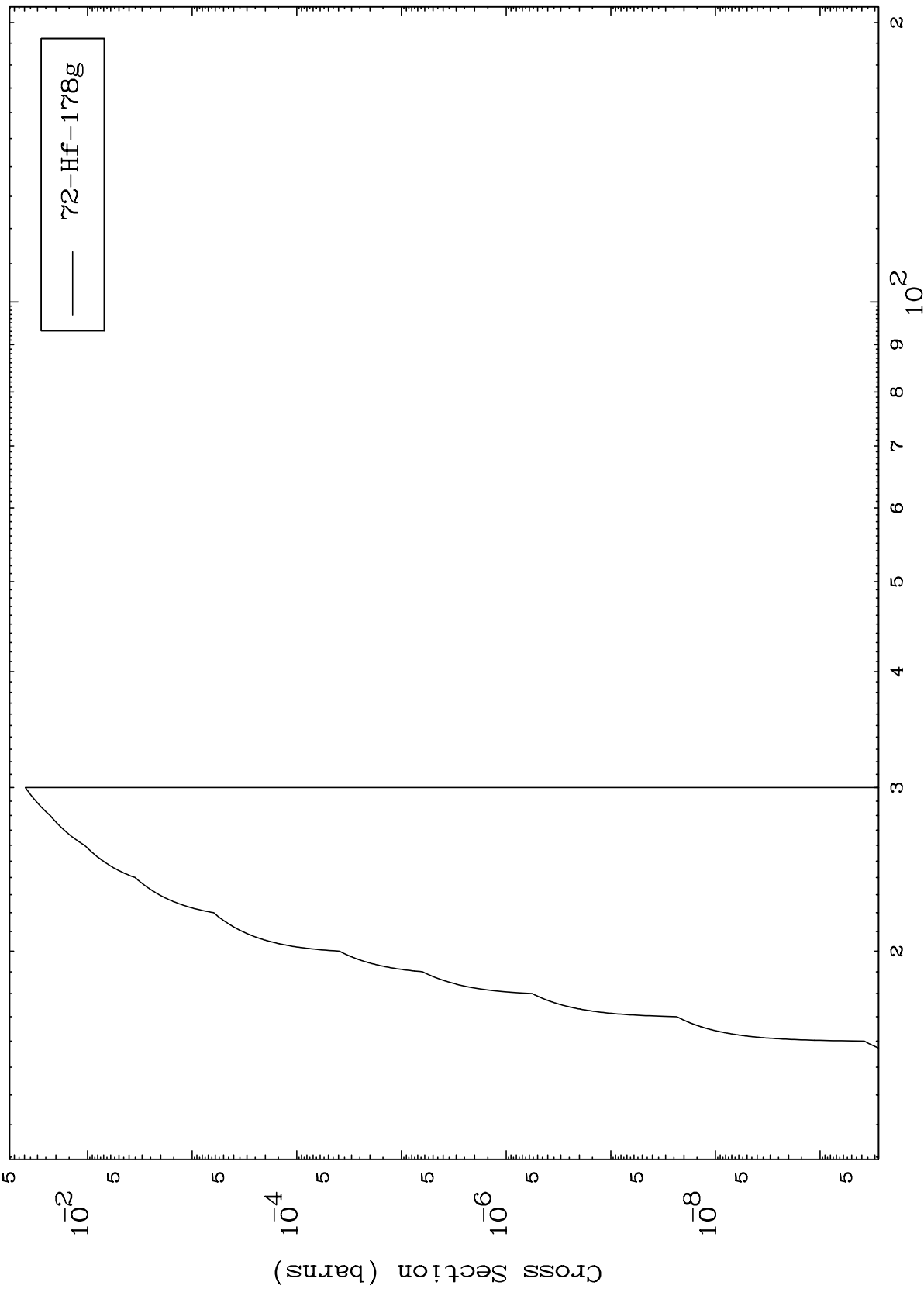


MAT 7244

(n,2n) p

72-Hf-180m

Radionuclide Production Cross Section



Incident Energy (MeV)

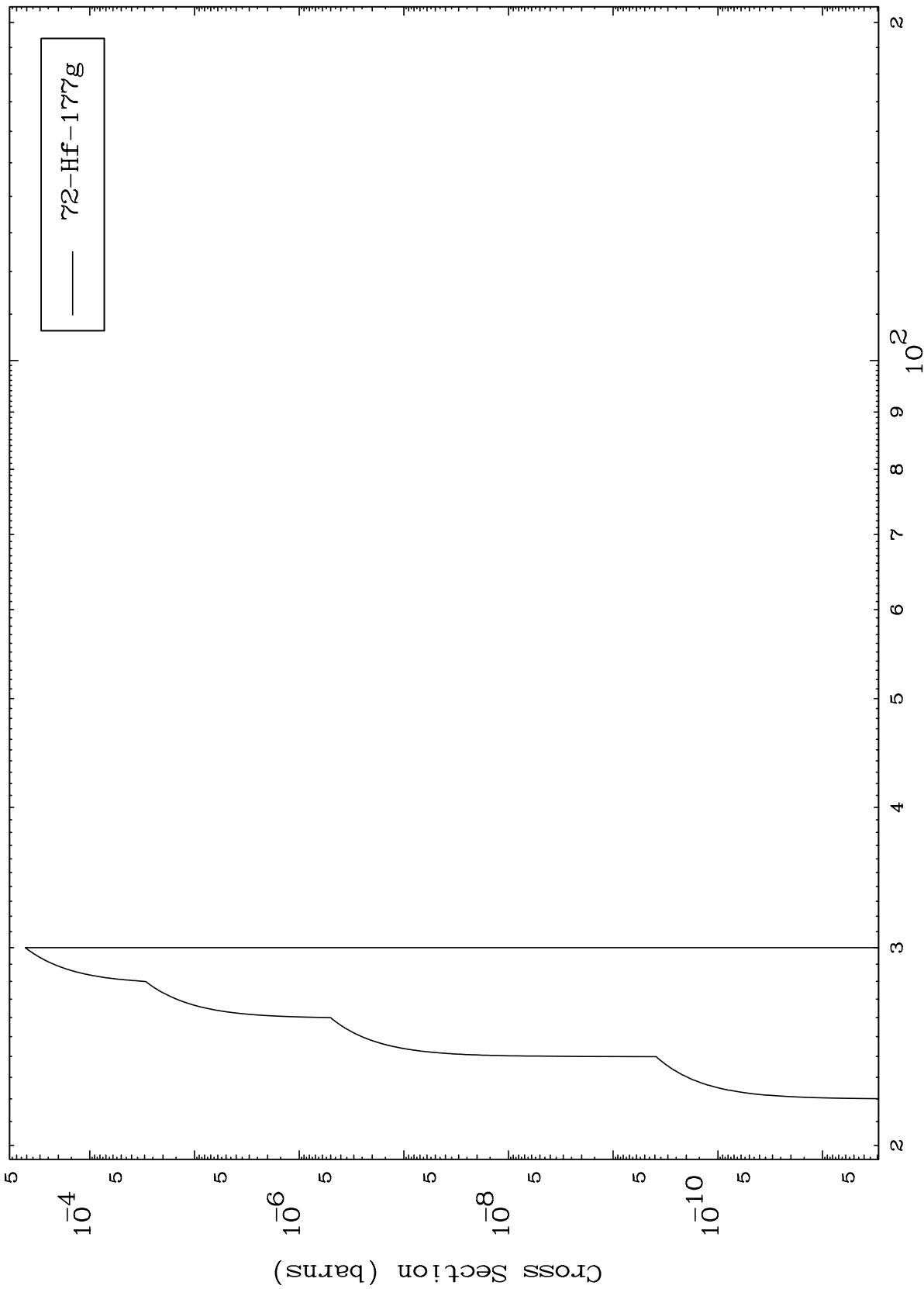
72-Hf-180m

MAT 7244

(n,3n) p

72-Hf-180m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

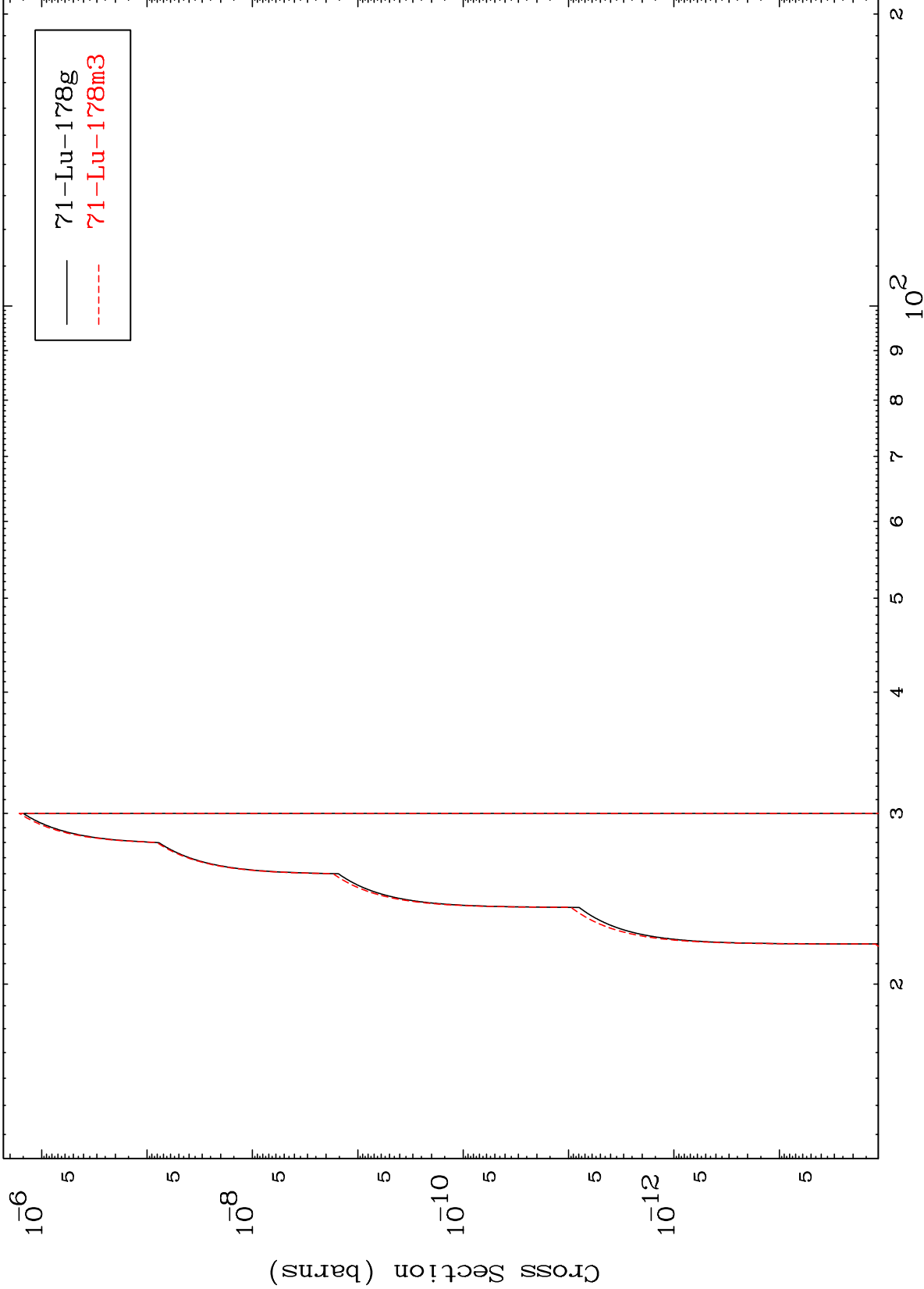
72-Hf-180m

MAT 7244

(n,2n) p

72-Hf-180m

Radionuclide Production Cross Section

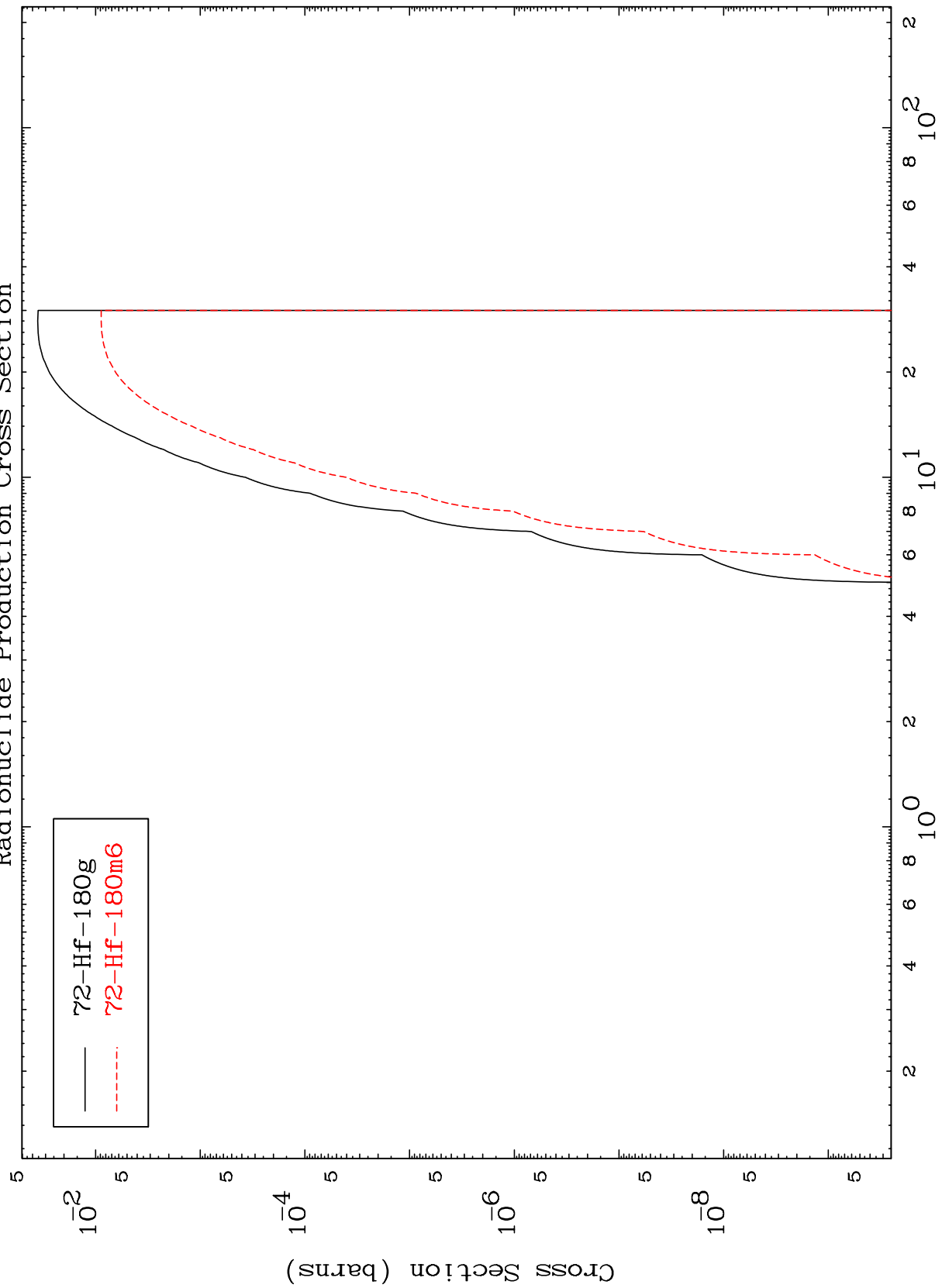


71-Lu-178g
71-Lu-178m3

MAT 7244

⁷²Hf-180m

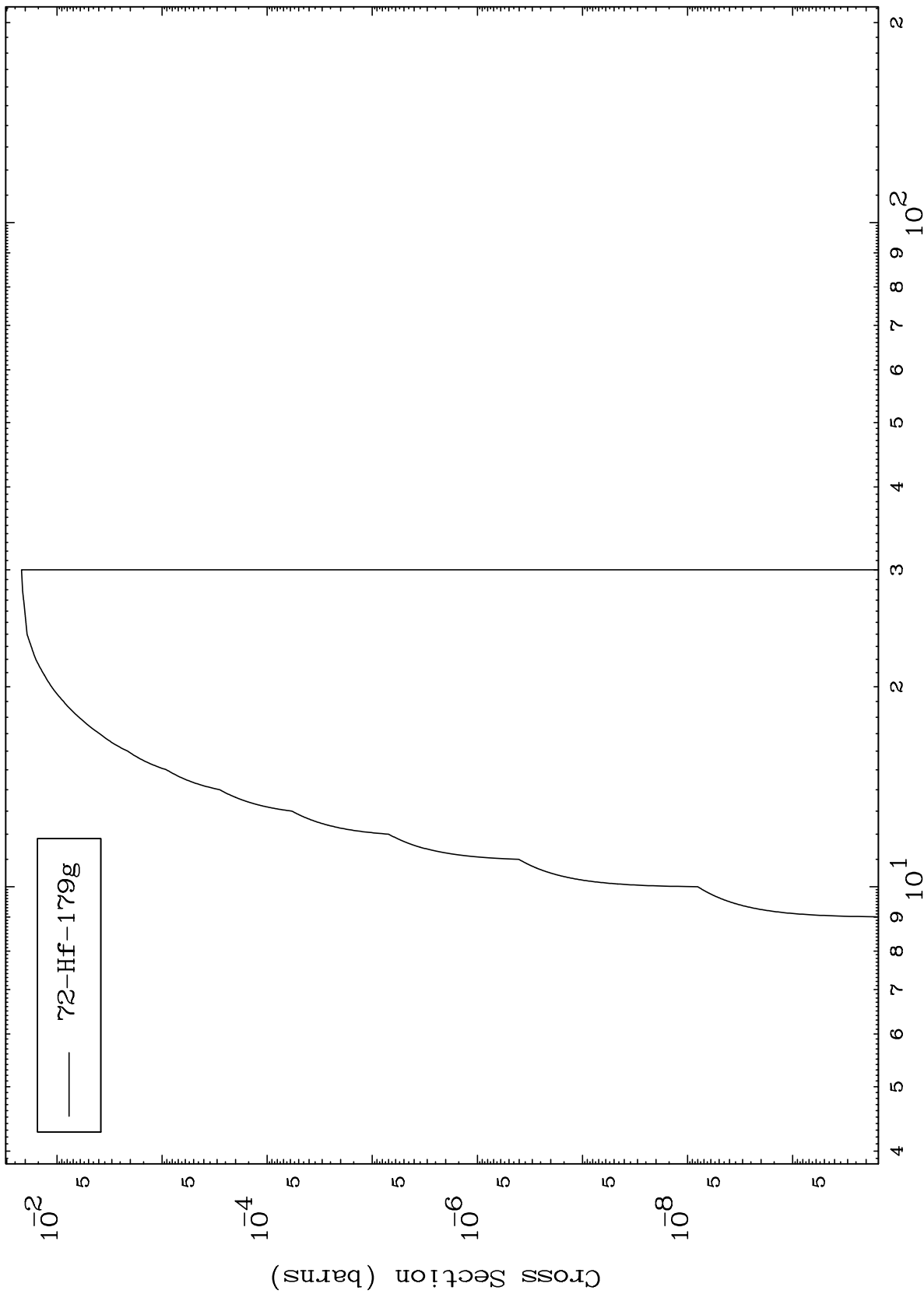
Radionuclide Production Cross Section (n,p)



MAT 7244

72-Hf-180m

(n,d)
Radionuclide Production Cross Section



25

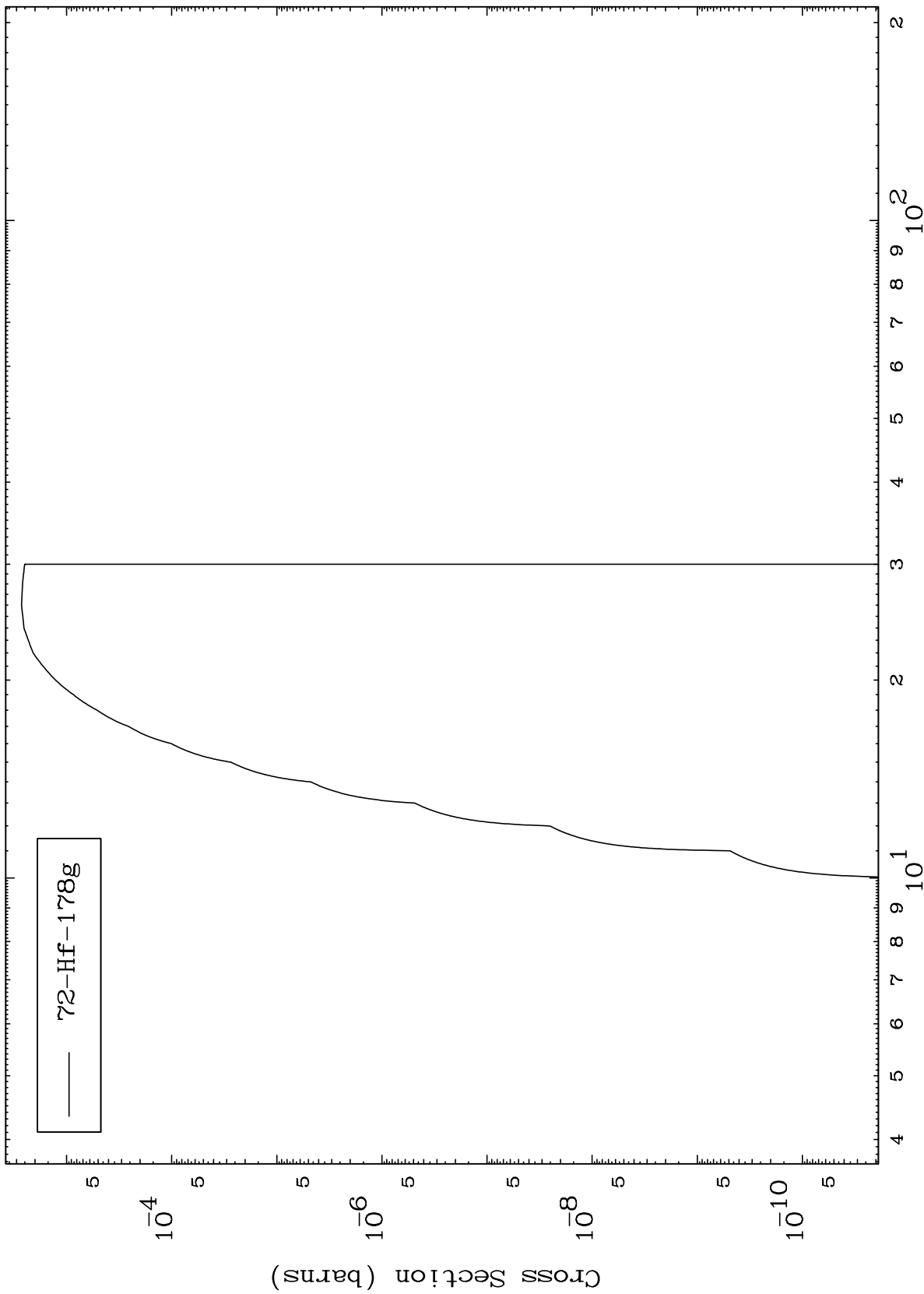
72-Hf-180m

Incident Energy (MeV)

MAT 7244

⁷²Hf-180m

(n, t)
Radionuclide Production Cross Section



⁷²Hf-180m

Incident Energy (MeV)

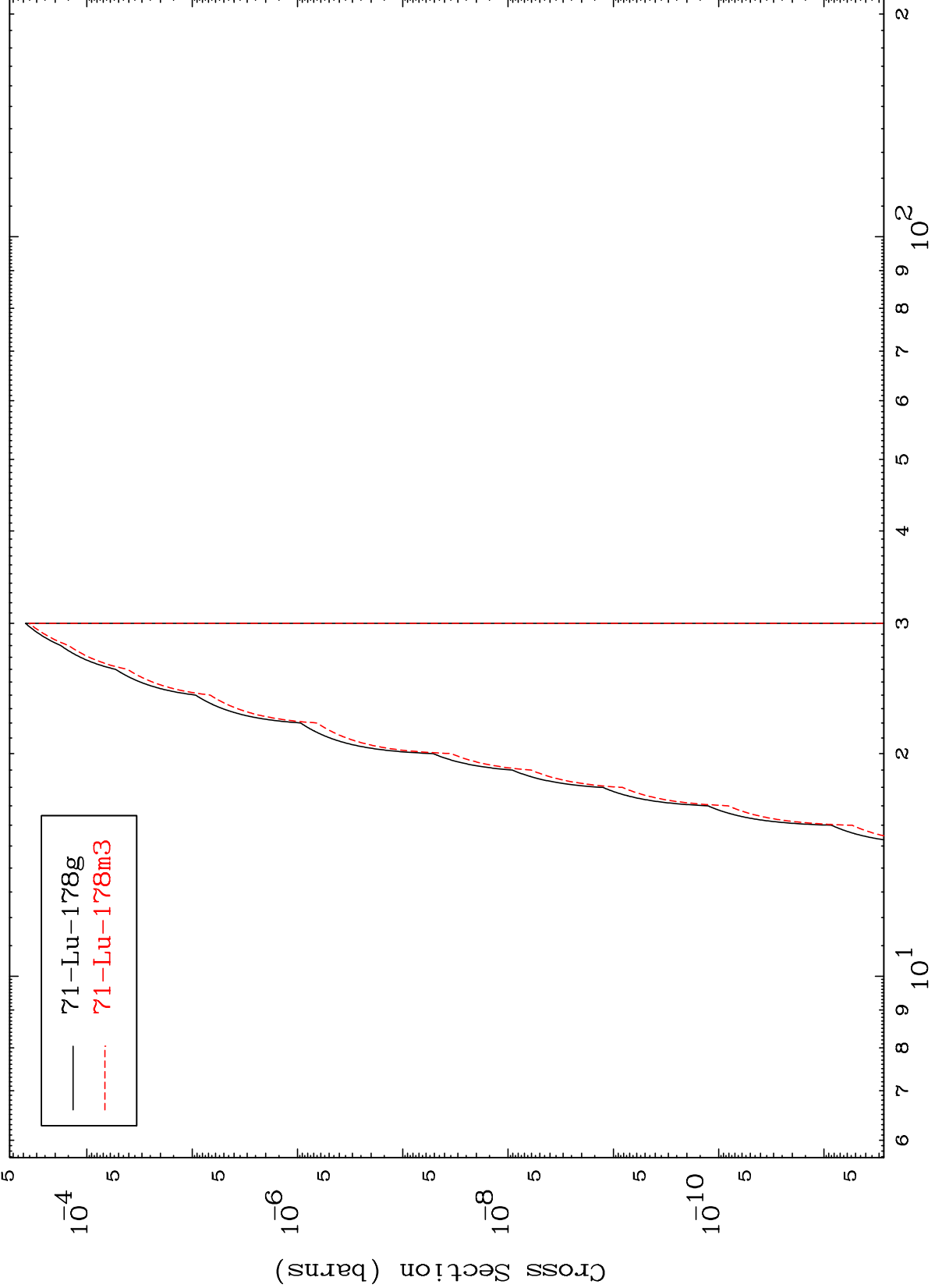
26

MAT 7244

(n,He-3)

72-Hf-180m

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

27

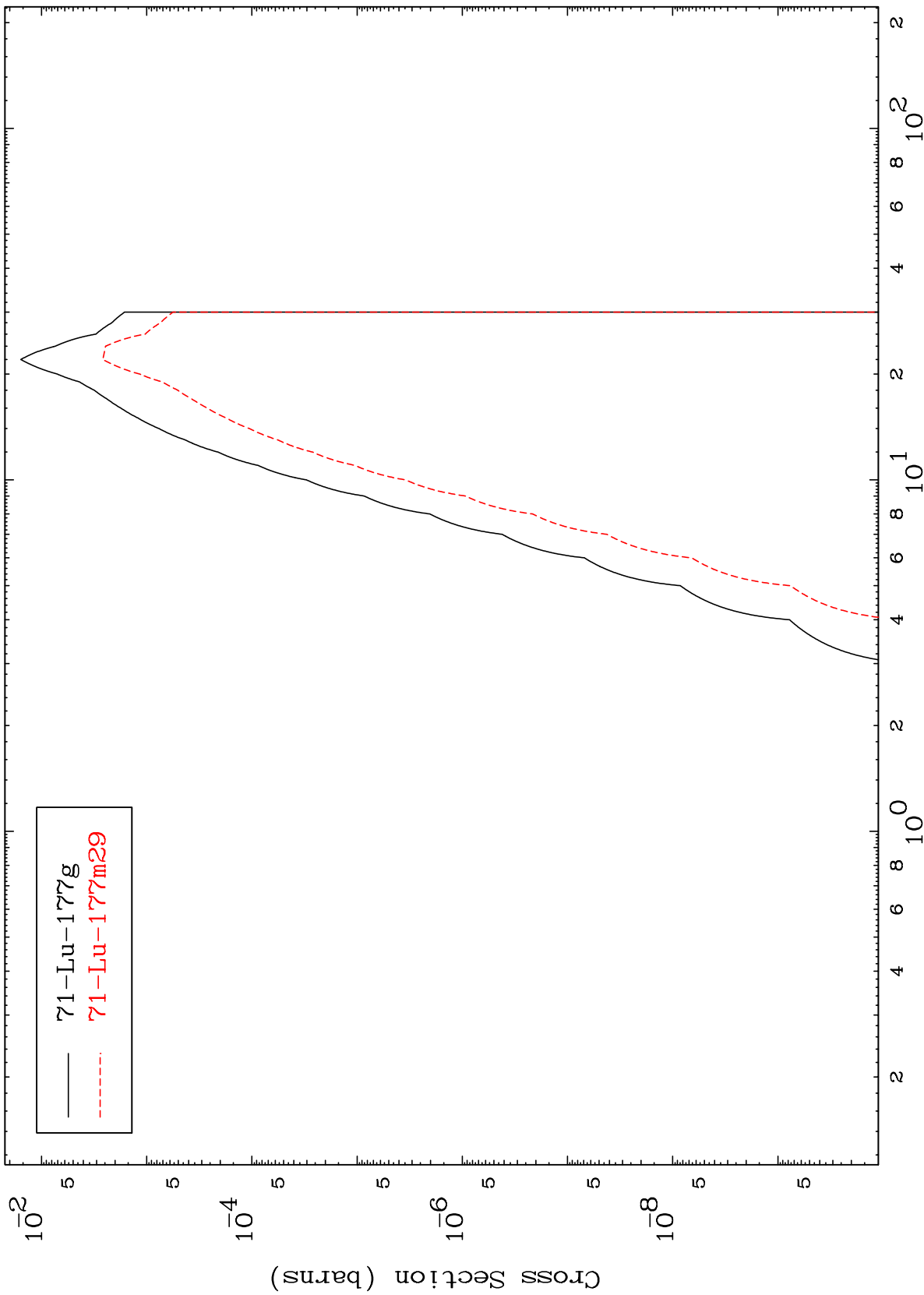
Incident Energy (MeV)

72-Hf-180m

MAT 7244

72-Hf-180m

Radionuclide Production Cross Section



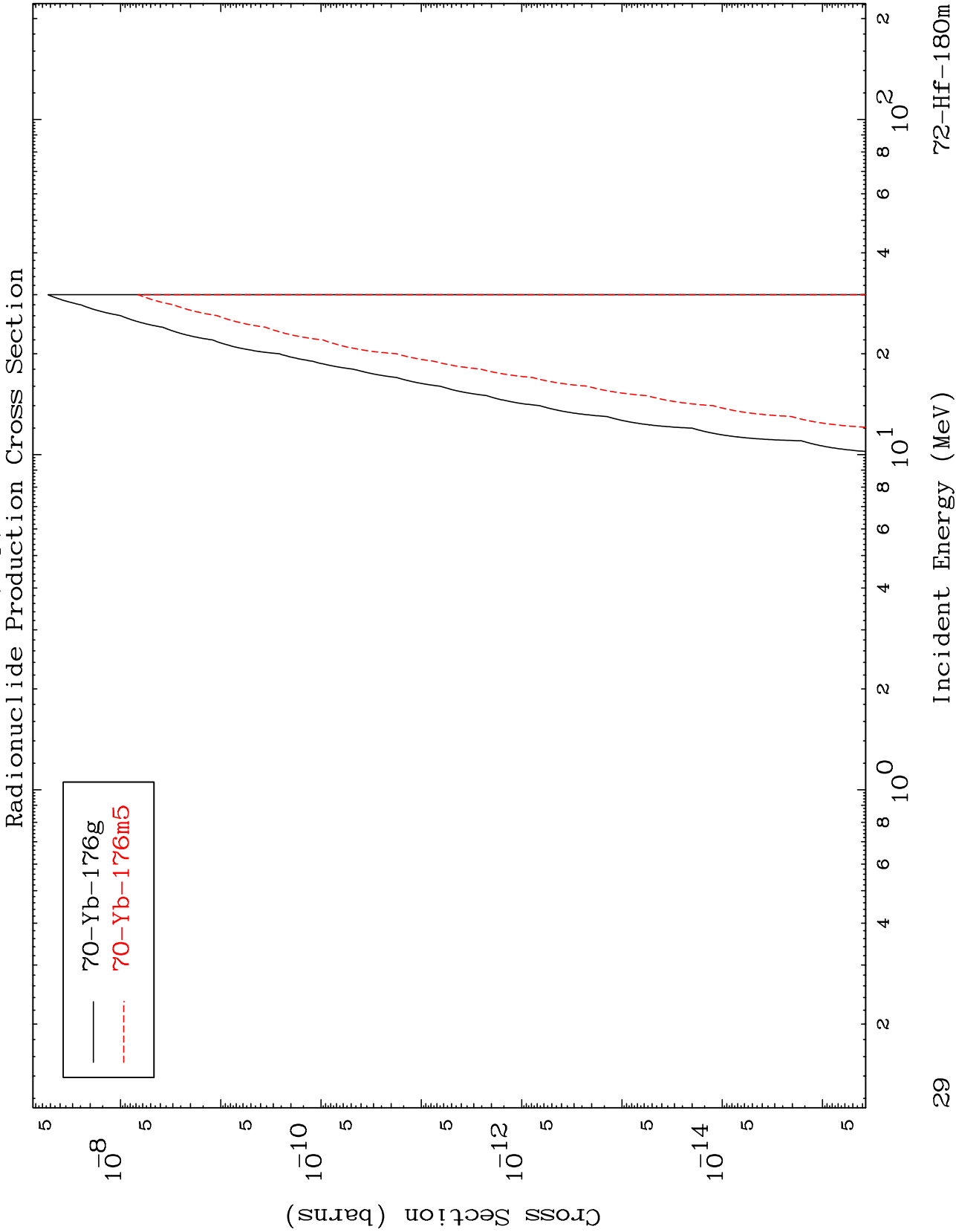
Incident Energy (MeV)

72-Hf-180m

MAT 7244

(n,p) α

⁷²Hf-180m



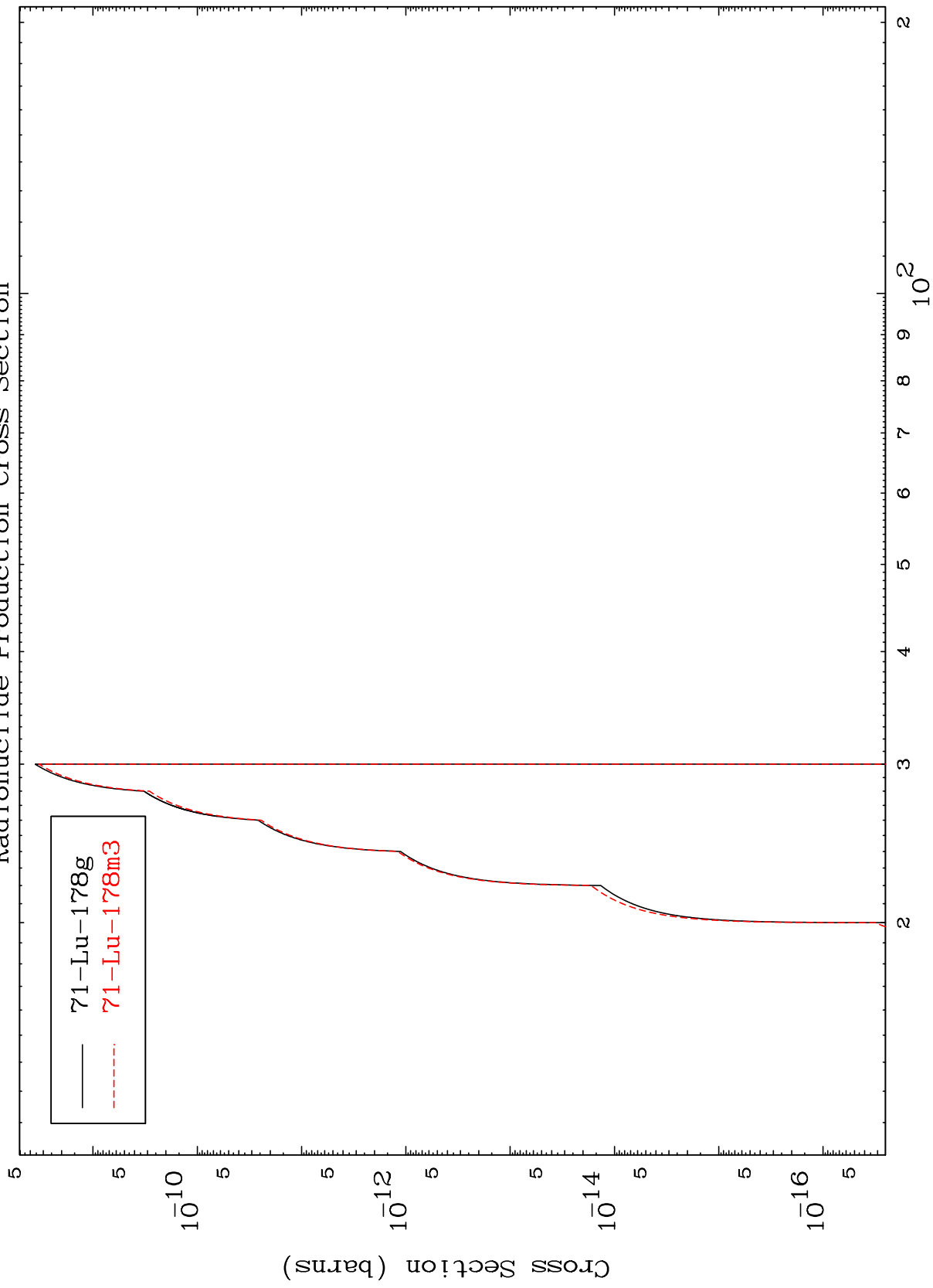
— 70-Yb-176g
- - - 70-Yb-176m5

MAT 7244

(n,p) d

72-Hf-180m

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-180m

30

MAT 7244

(n,p) t

⁷²Hf-180m

Radionuclide Production Cross Section

