

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

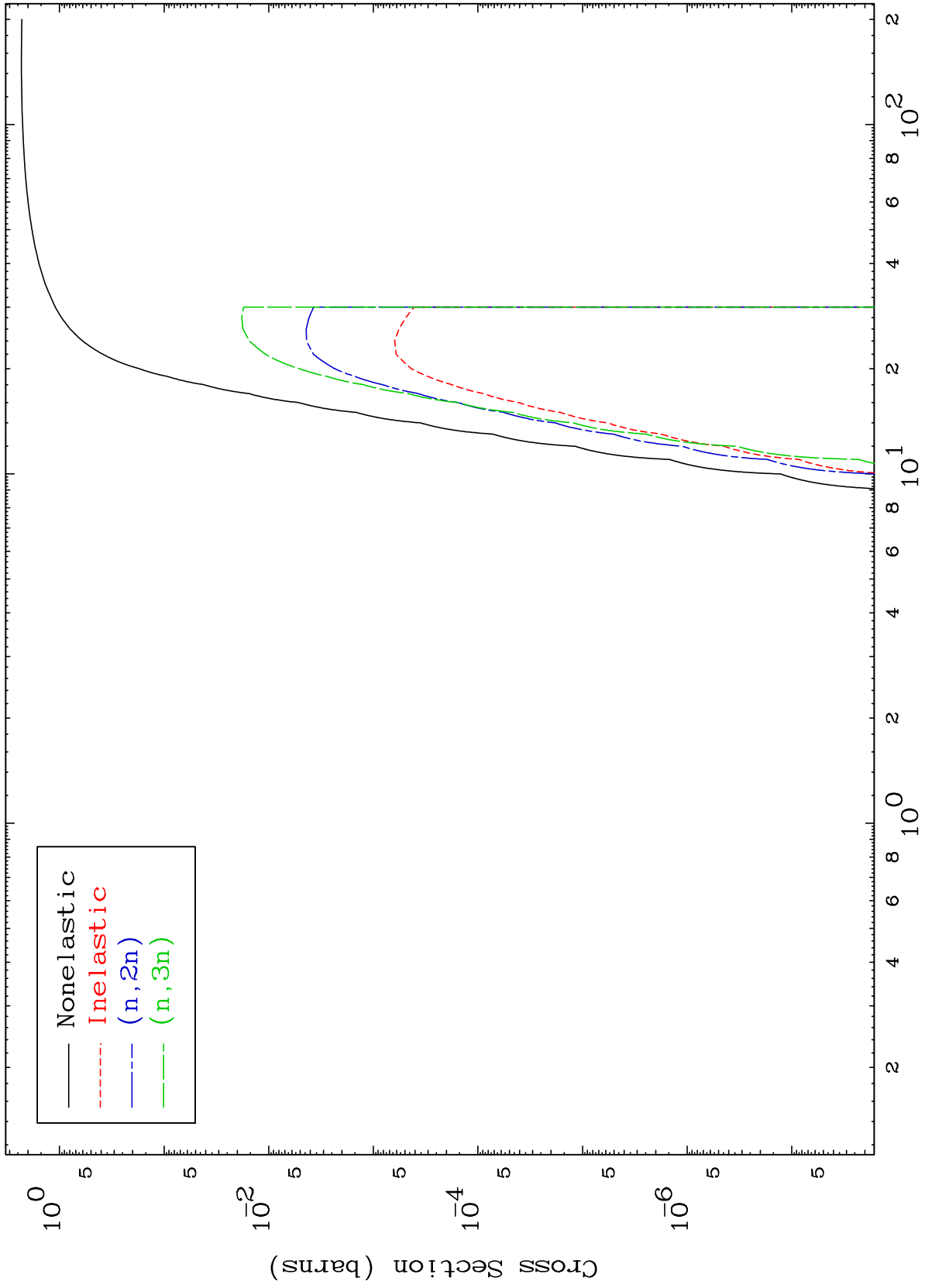
Press Mouse Button to Start

MAT 7244

He-3 Major

72-Hf-180m

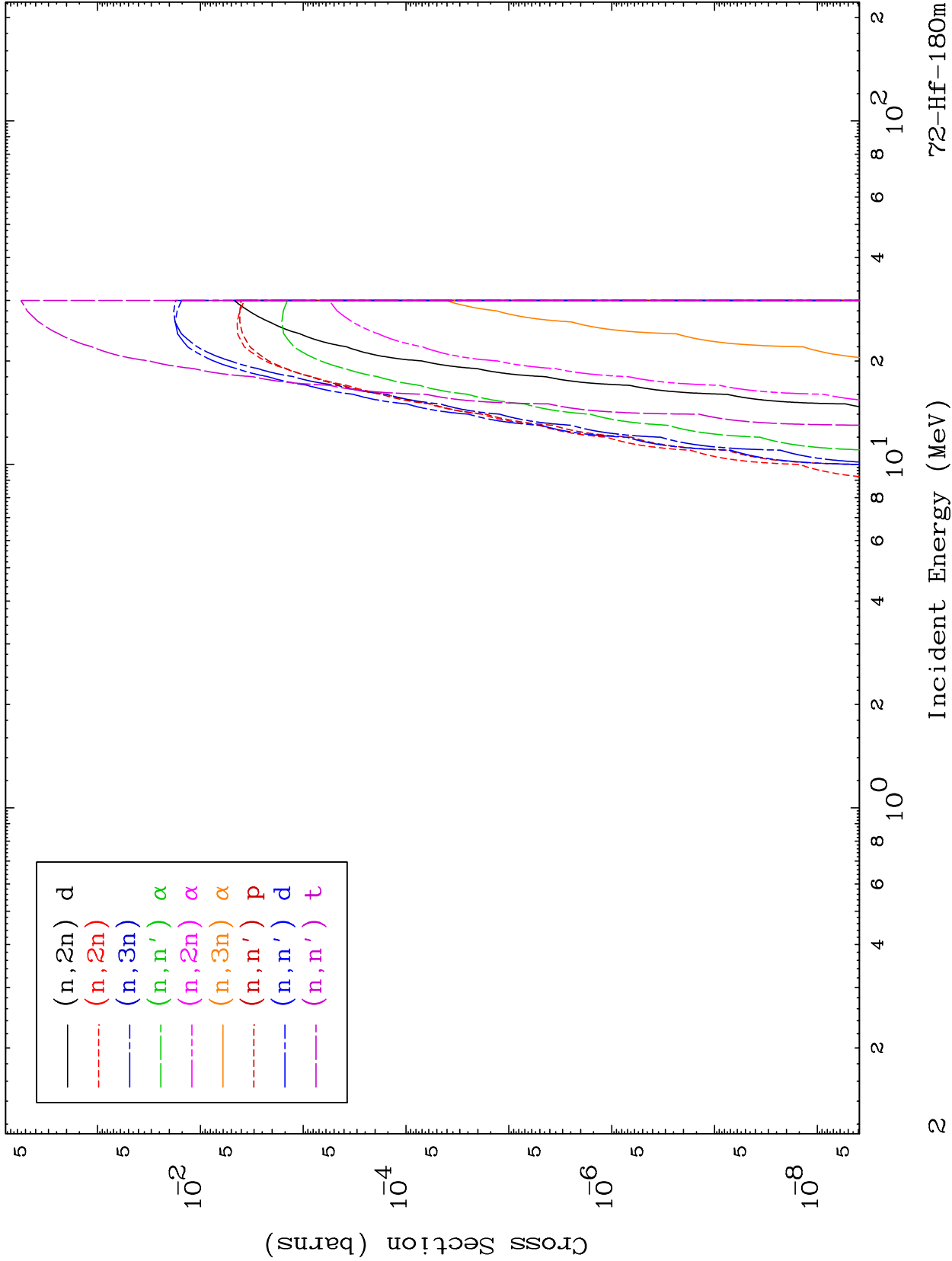
0 Kelvin Cross Sections



MAT 7244

He-3 Neutron Absorption
0 Kelvin Cross Sections

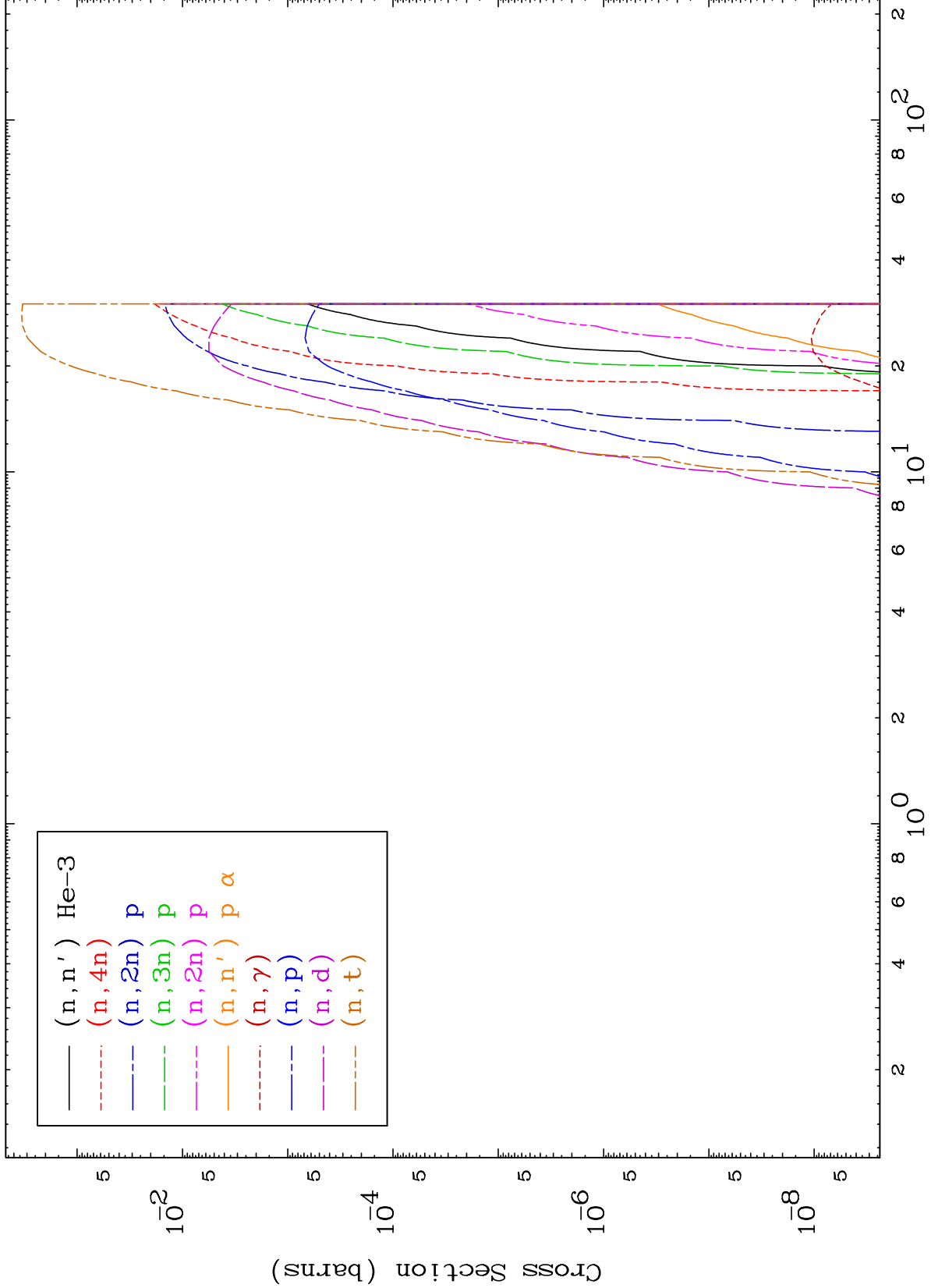
72-Hf-180m



MAT 7244

He-3 Neutron Absorption
0 Kelvin Cross Sections

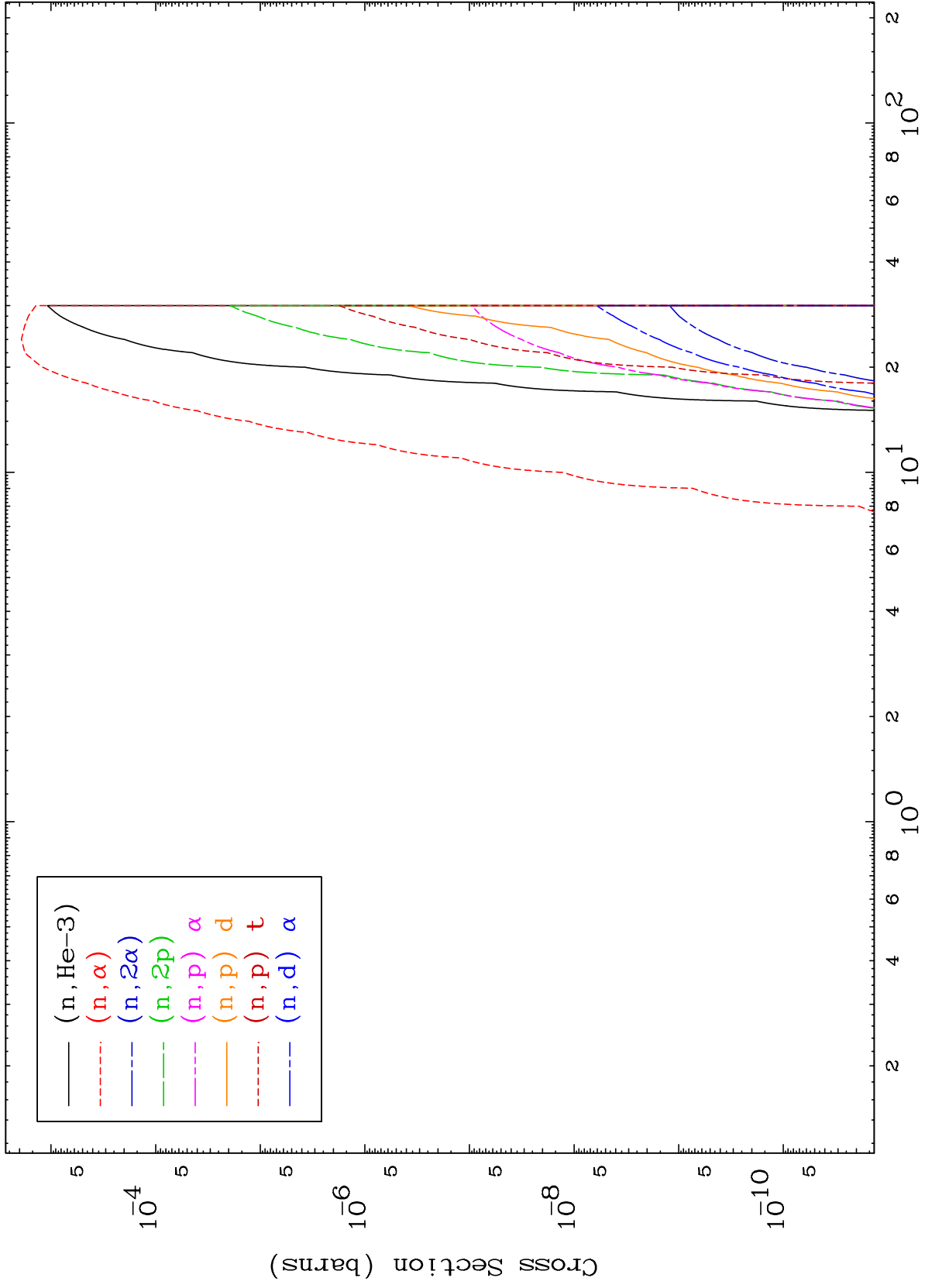
72-Hf-180m



MAT 7244

He-3 Neutron Absorption
0 Kelvin Cross Sections

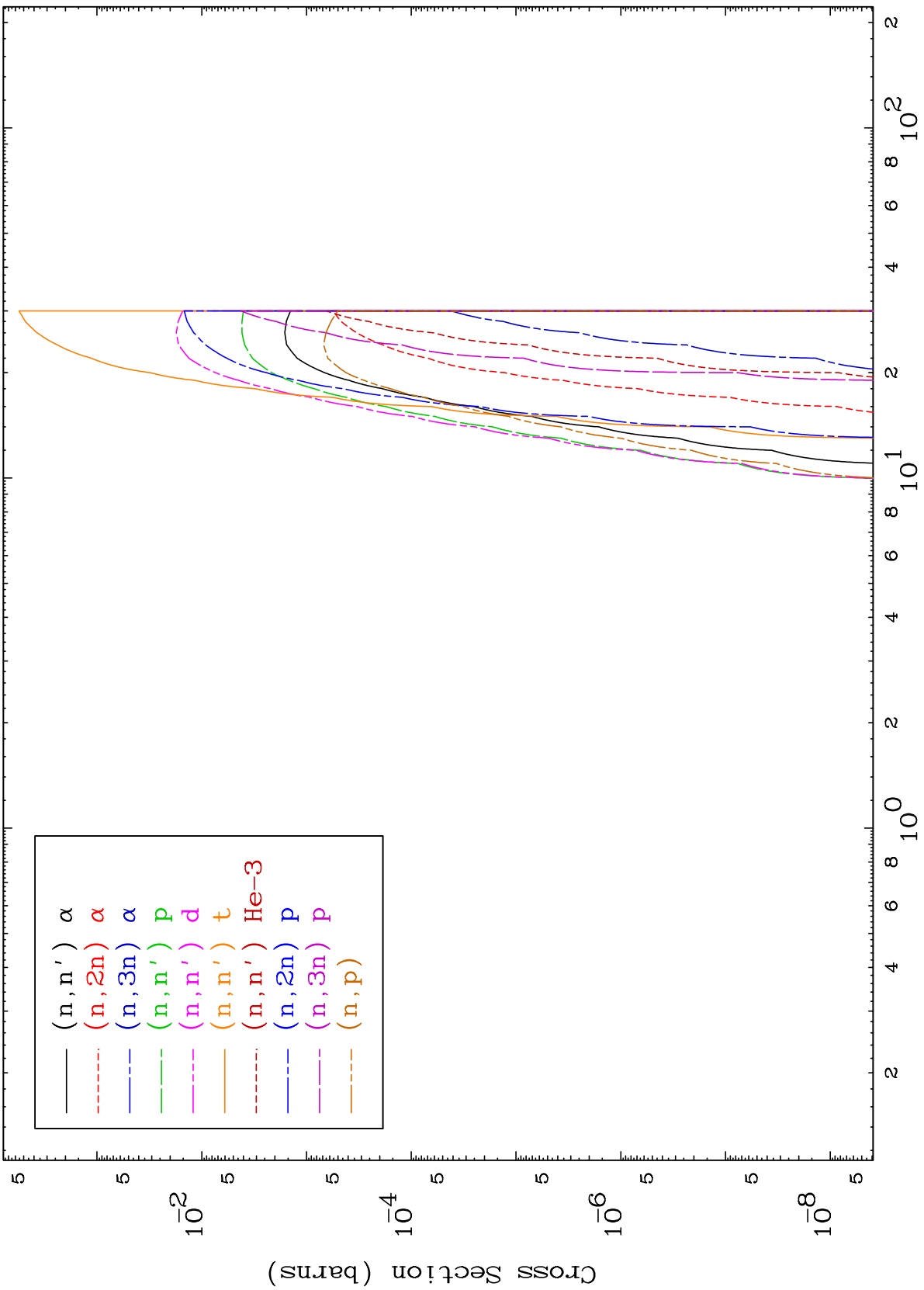
72-Hf-180m



MAT 7244

He-3 Charged Particle
0 Kelvin Cross Sections

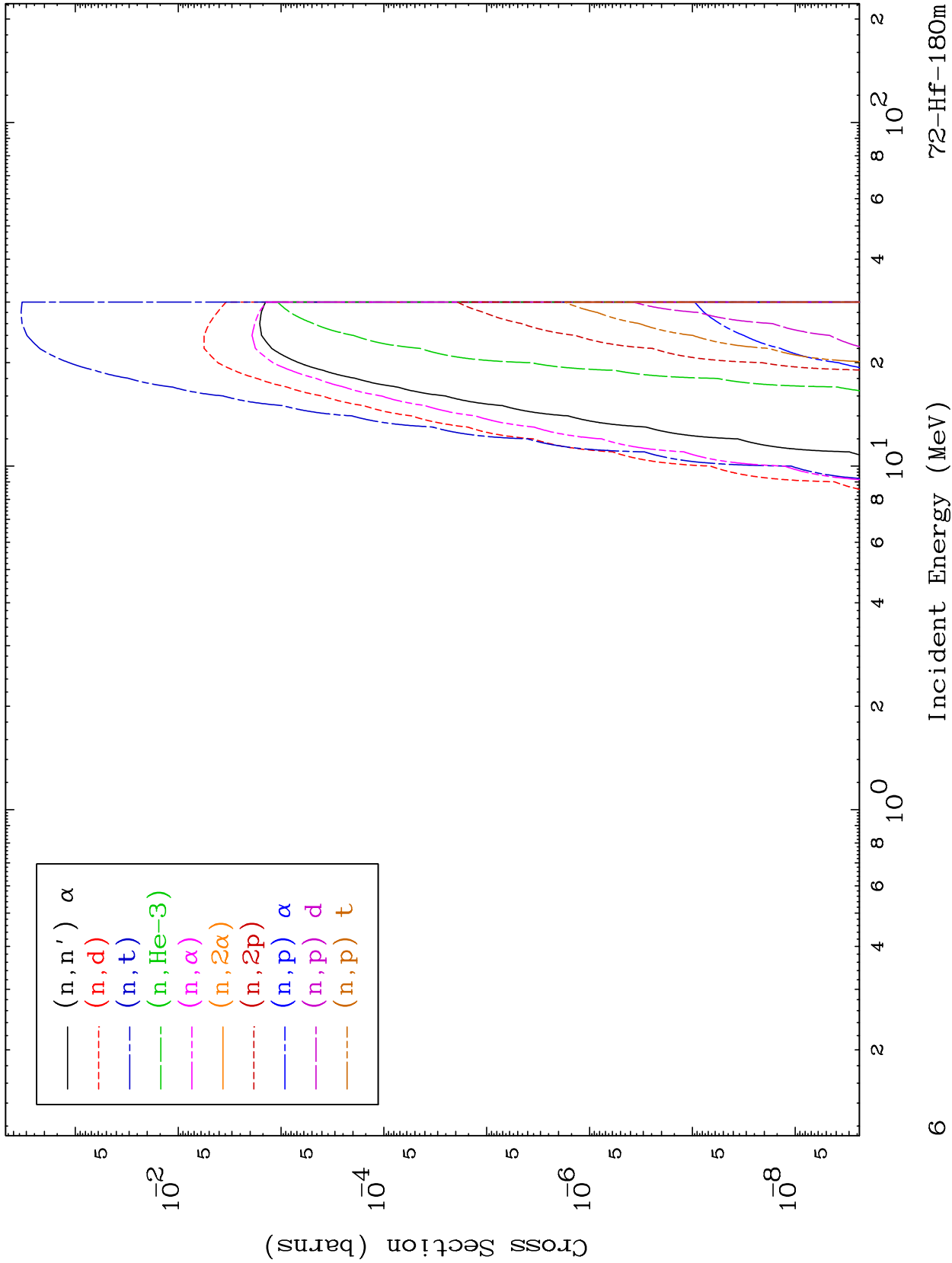
72-Hf-180m



MAT 7244

He-3 Charged Particle
0 Kelvin Cross Sections

72-Hf-180m

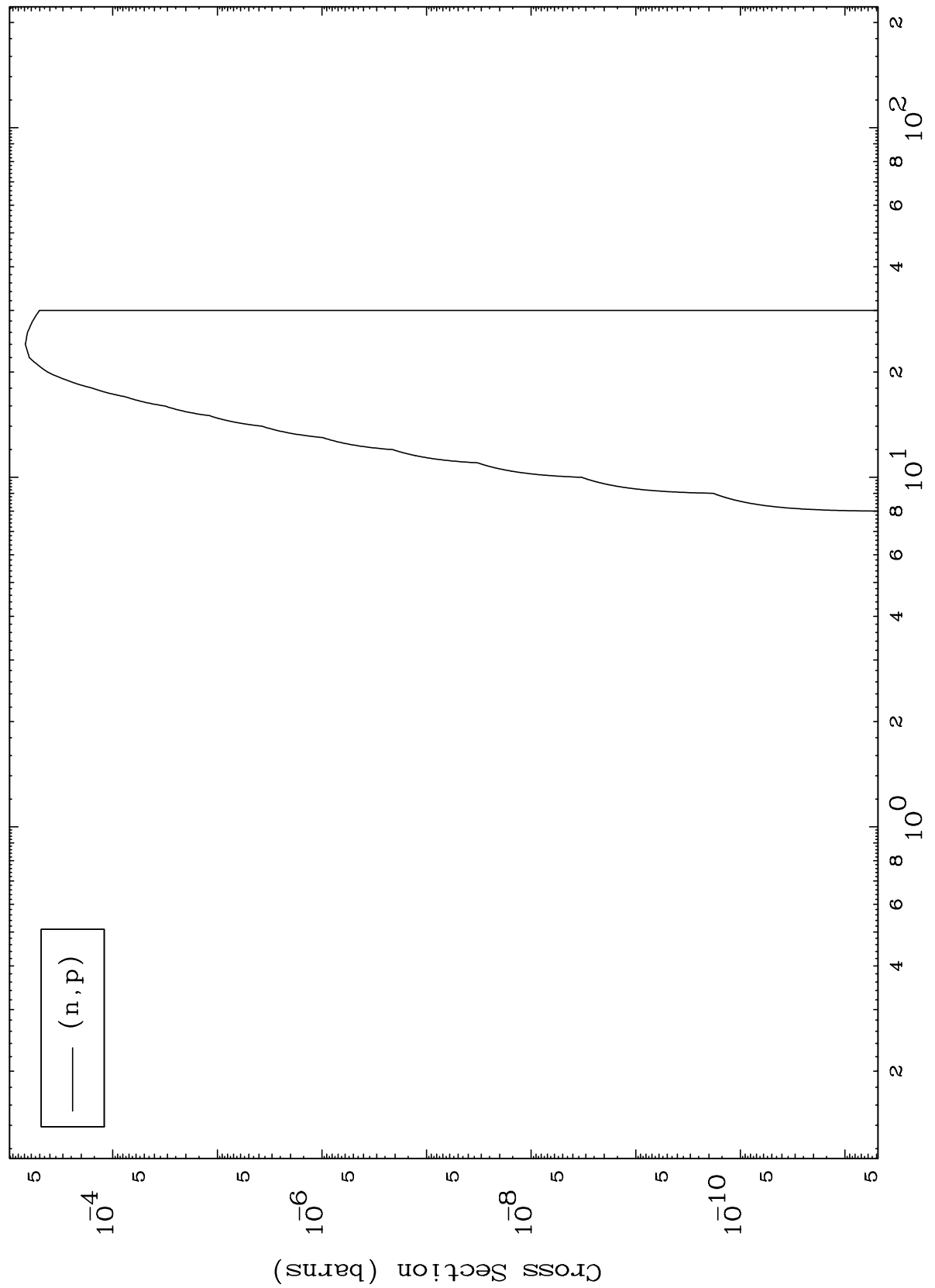


MAT 7244

(He-3,p) Levels

72-Hf-180m

0 Kelvin Cross Sections

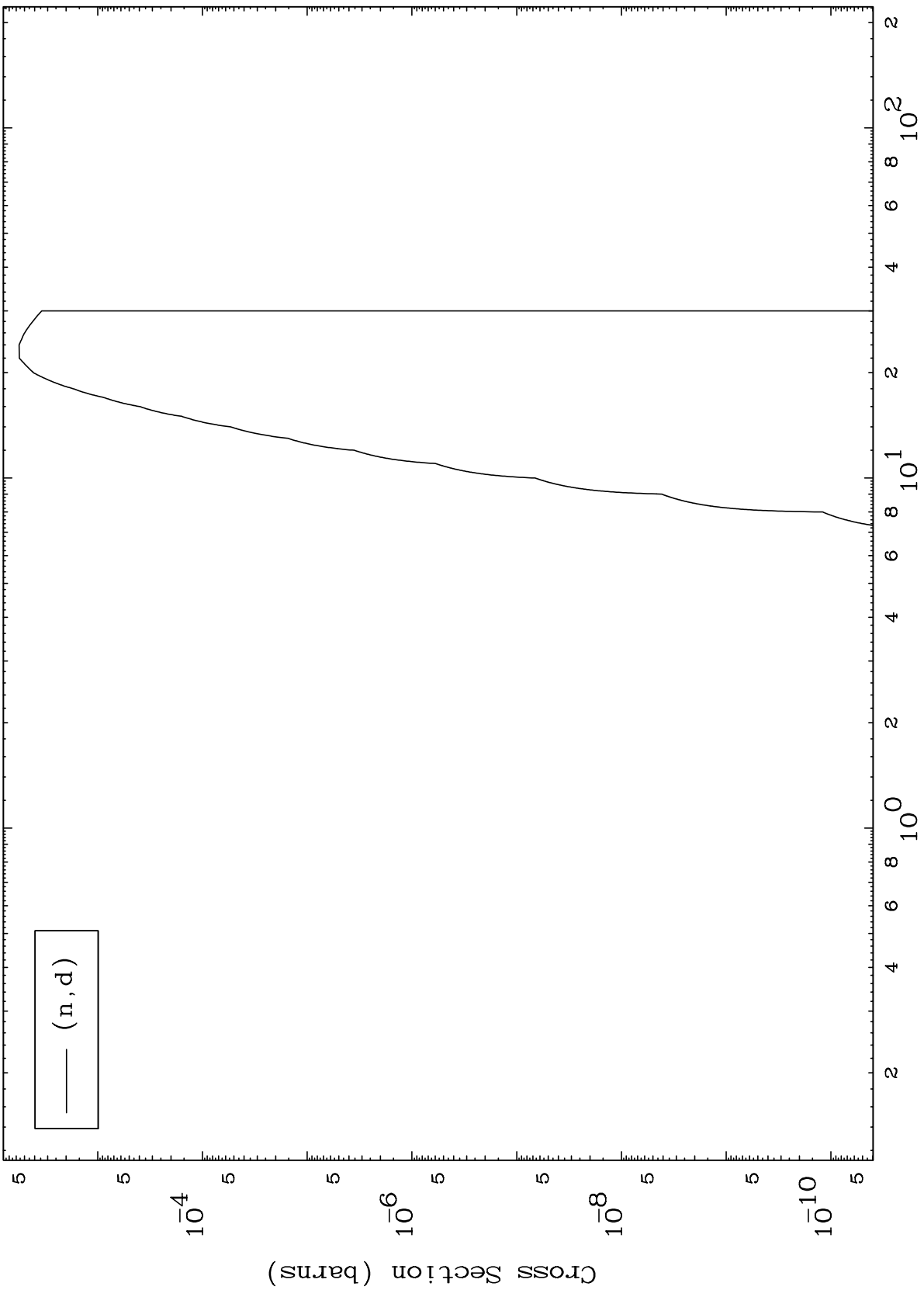


MAT 7244

(He-3,d) Levels

72-Hf-180m

0 Kelvin Cross Sections

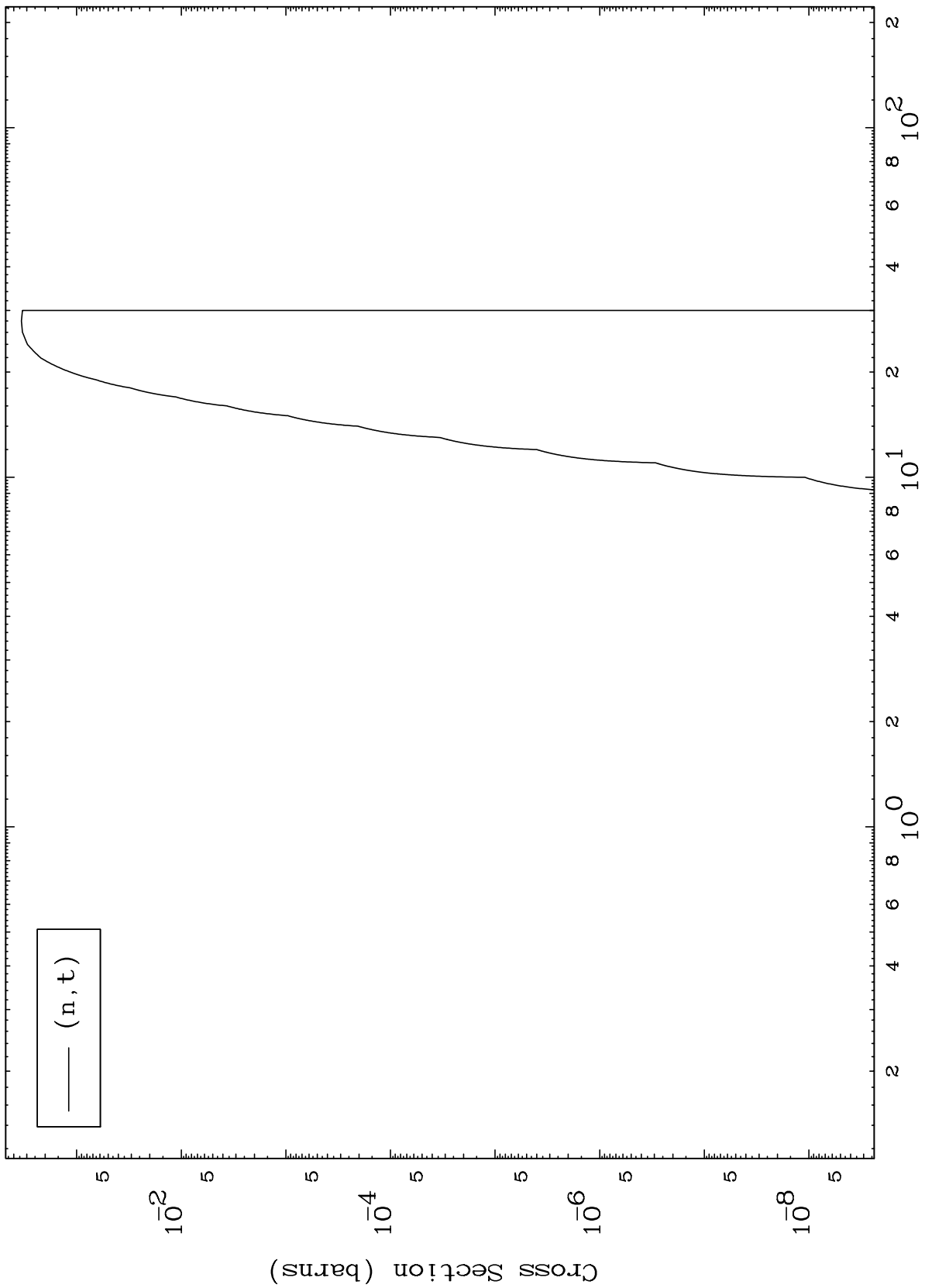


MAT 7244

(He-3,t) Levels

72-Hf-180m

0 Kelvin Cross Sections

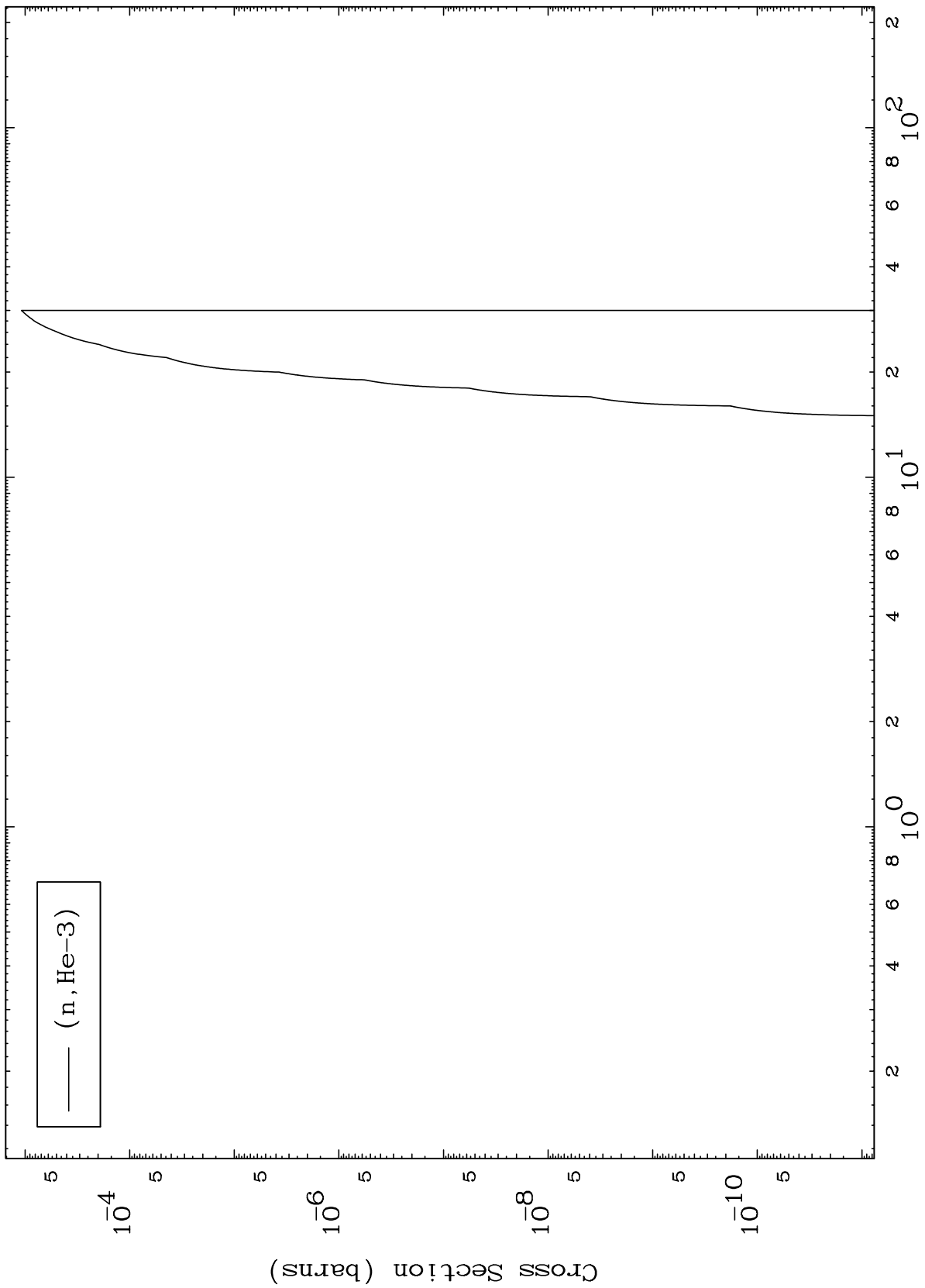


MAT 7244

(He-3, He3) Levels

72-Hf-180m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

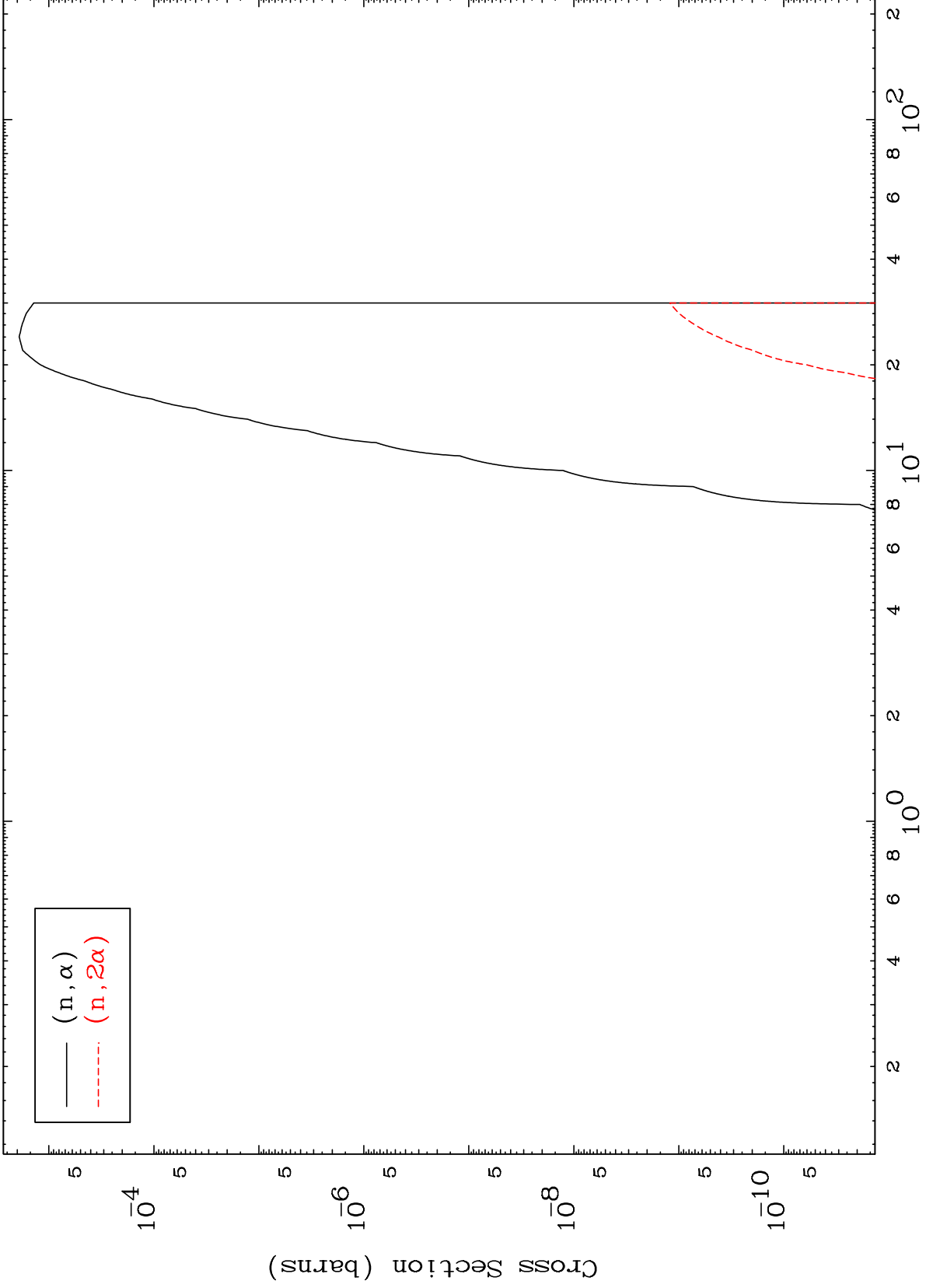
72-Hf-180m

MAT 7244

(He-3, α) Levels

72-Hf-180m

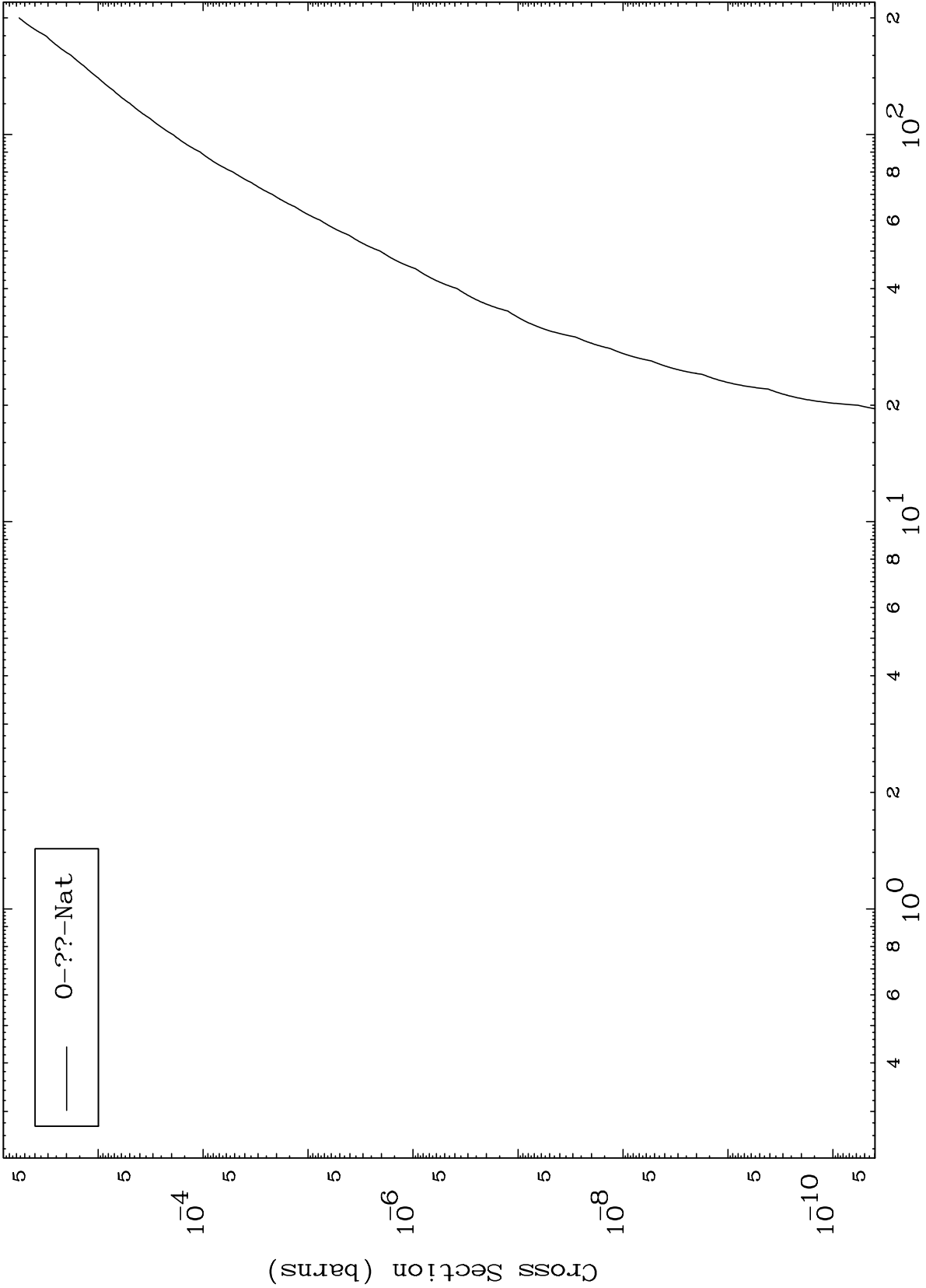
0 Kelvin Cross Sections



MAT 7244

Fission
Radionuclide Production Cross Section

⁷²Hf-180m



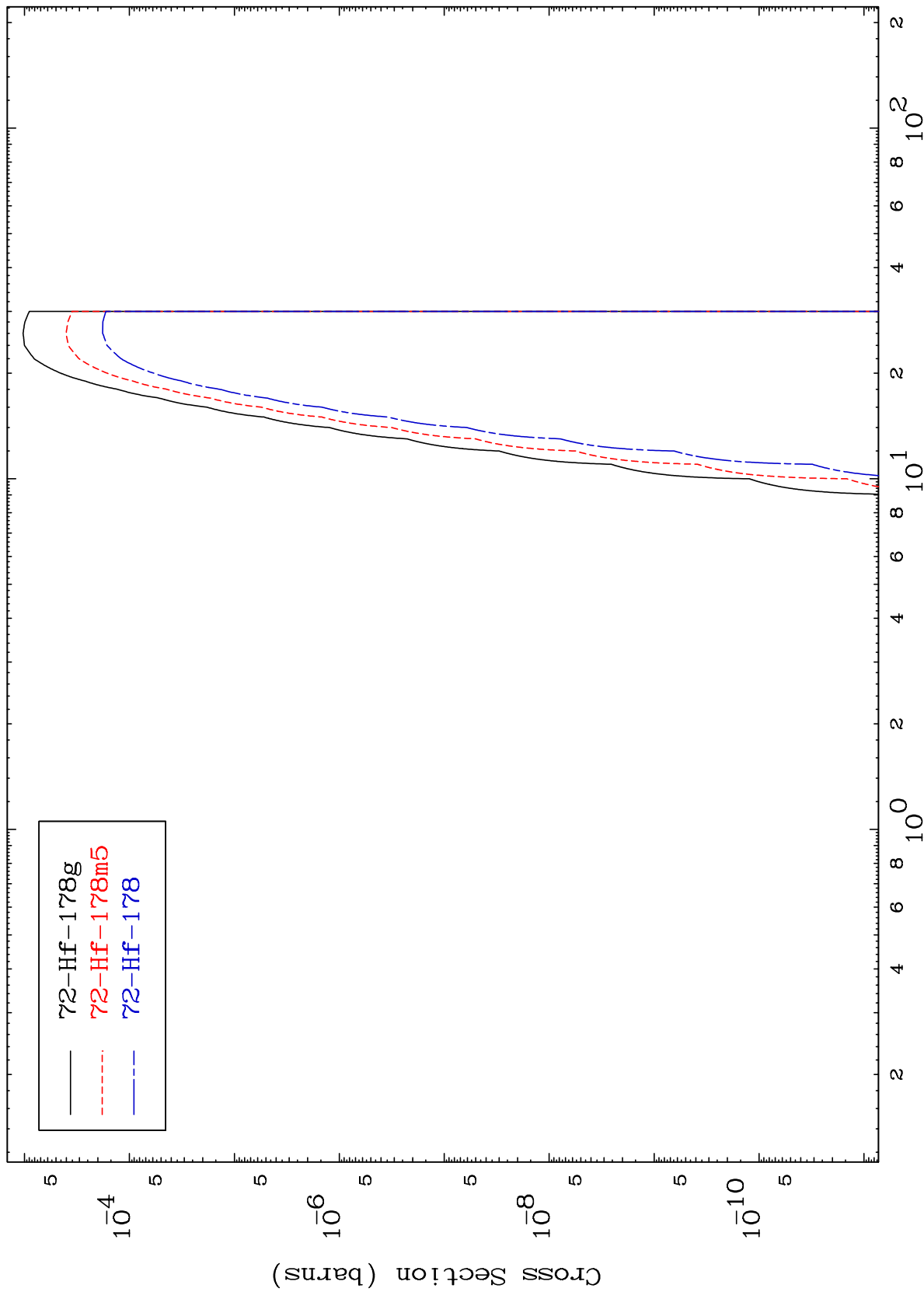
⁷²Hf-180m

MAT 7244

$(n, n') \alpha$

$^{72}\text{Hf}-180\text{m}$

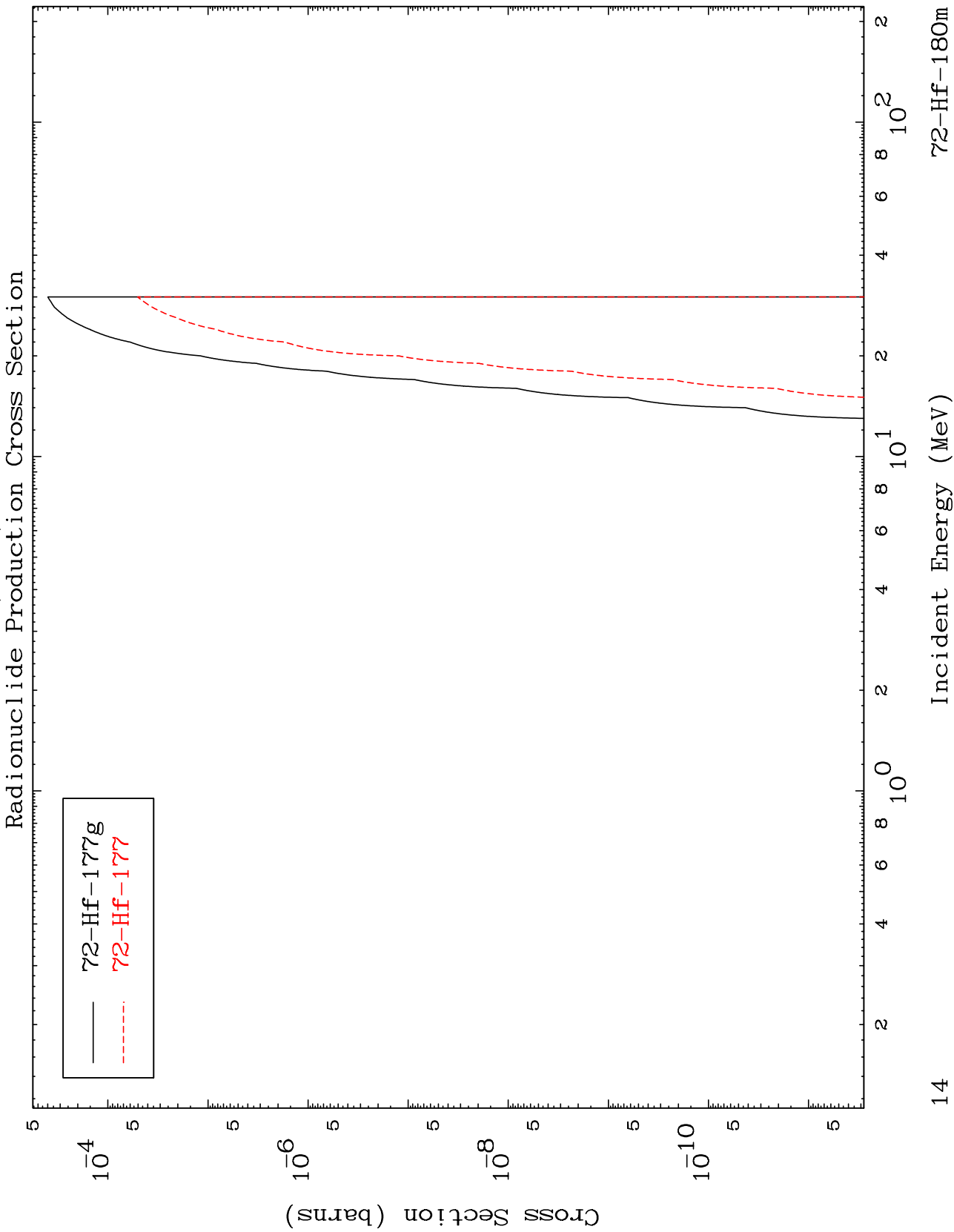
Radionuclide Production Cross Section

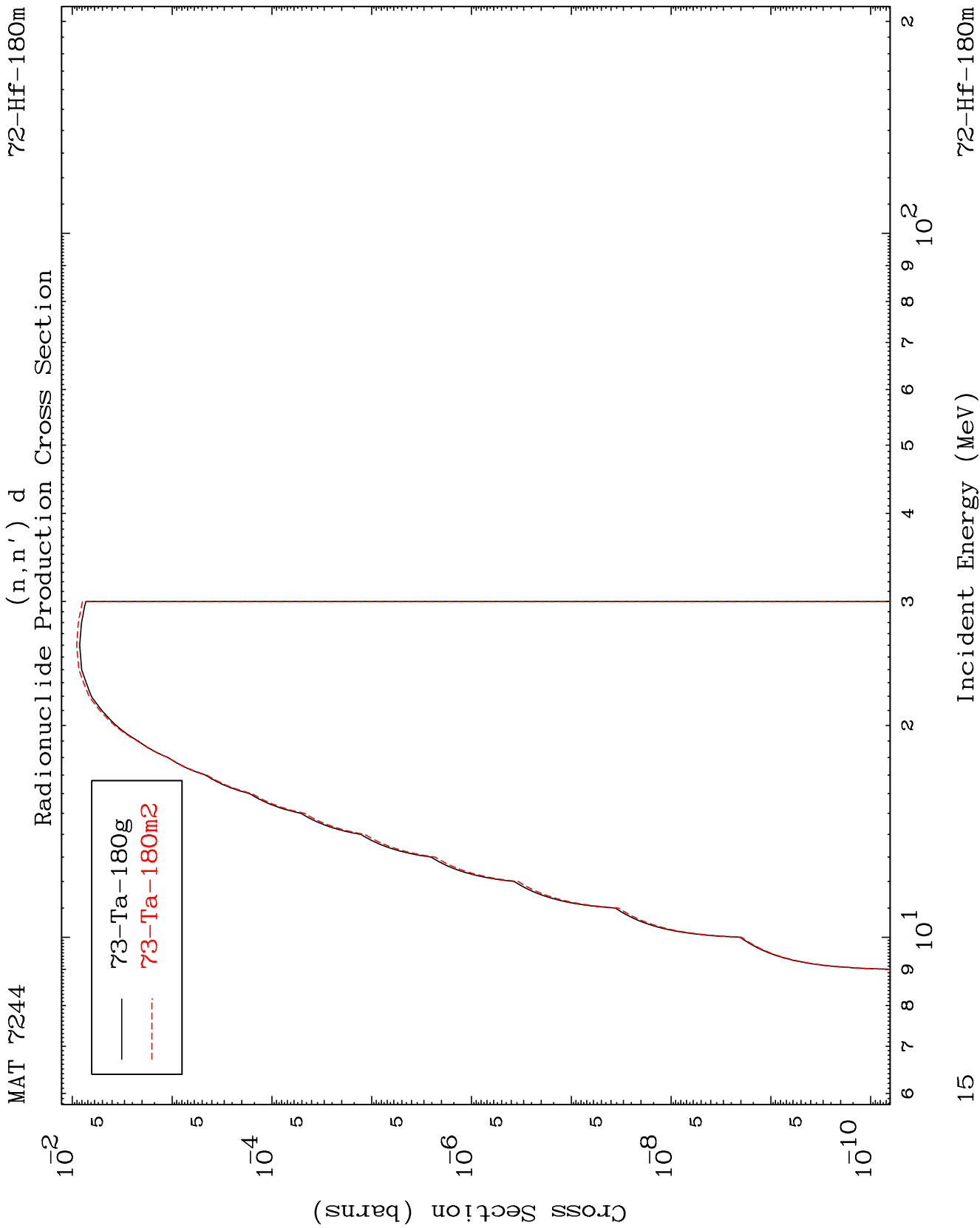


MAT 7244

$(n,2n) \alpha$

$^{72}\text{Hf}-180\text{m}$



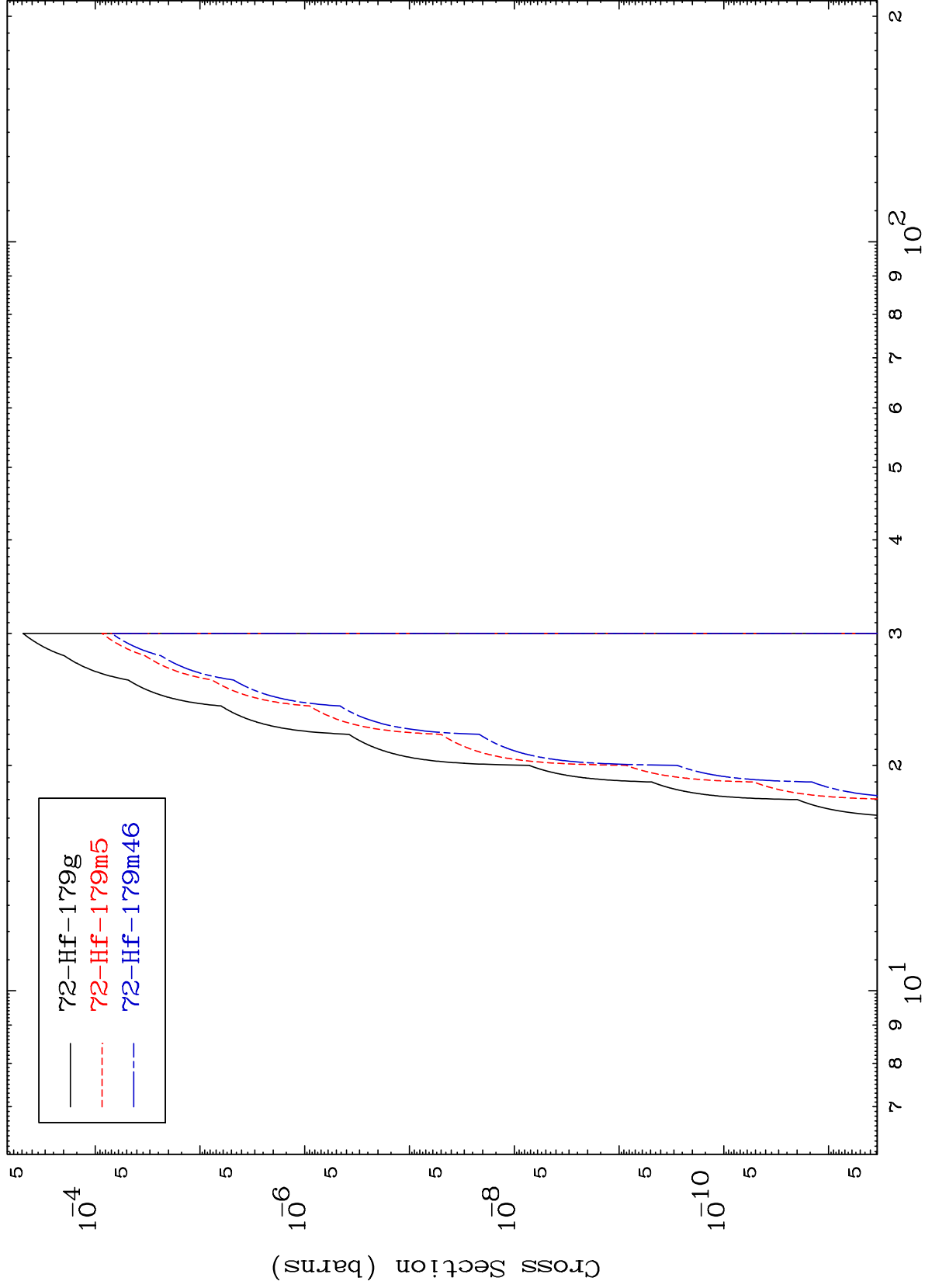


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(n,n') He-3

72-Hf-180m

Radionuclide Production Cross Section



16

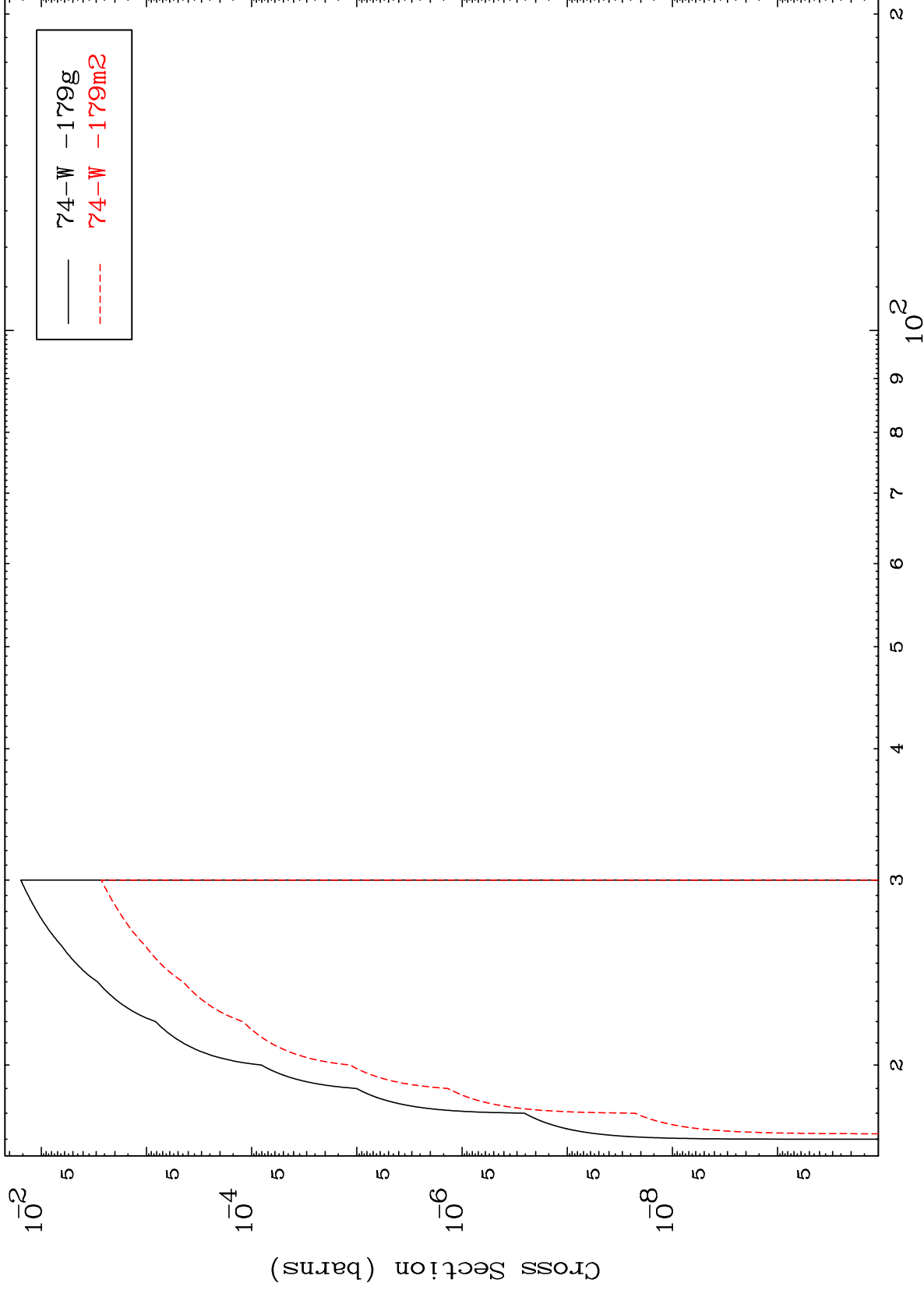
Incident Energy (MeV)

72-Hf-180m

MAT 7244

72-Hf-180m

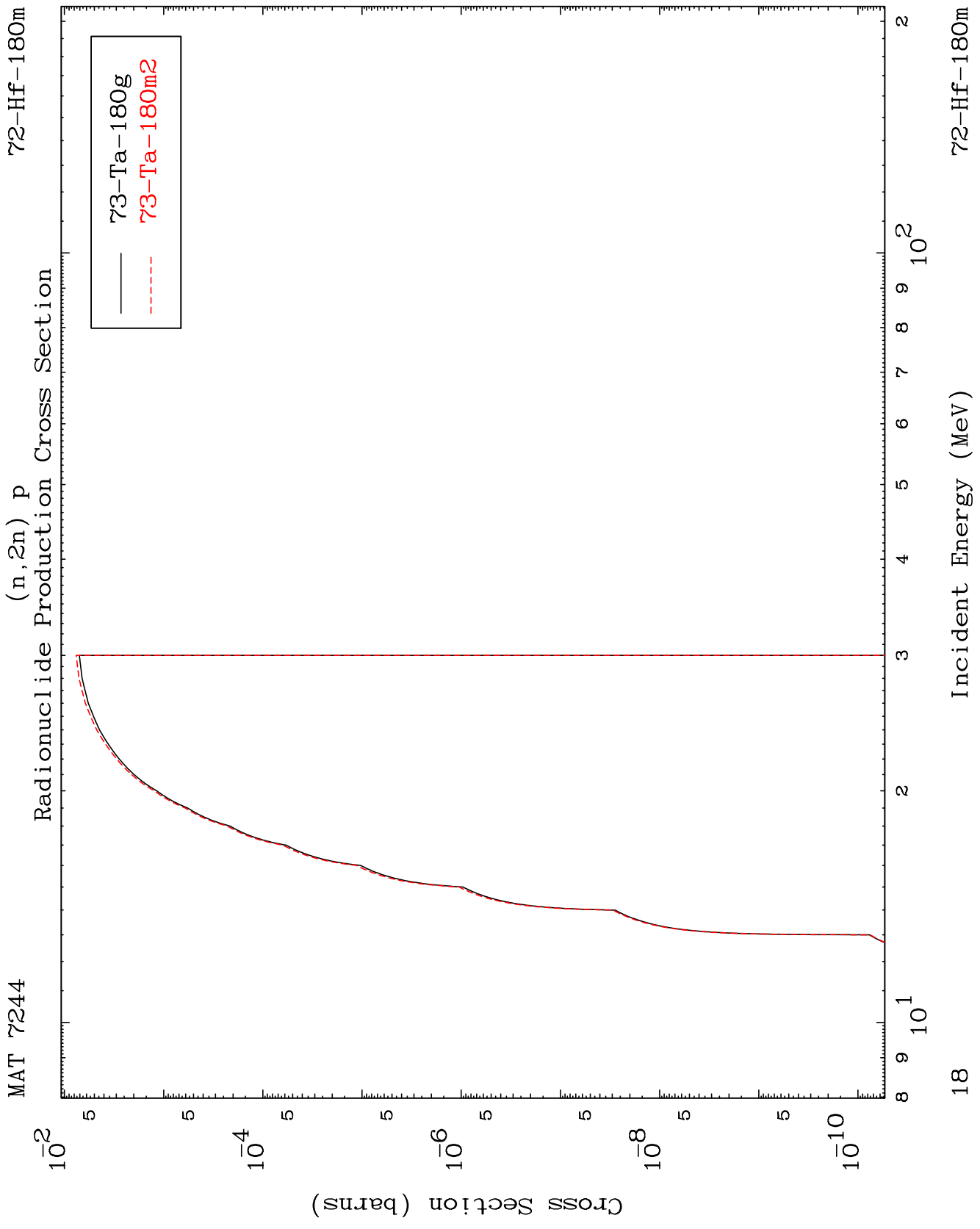
(n,4n)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

72-Hf-180m

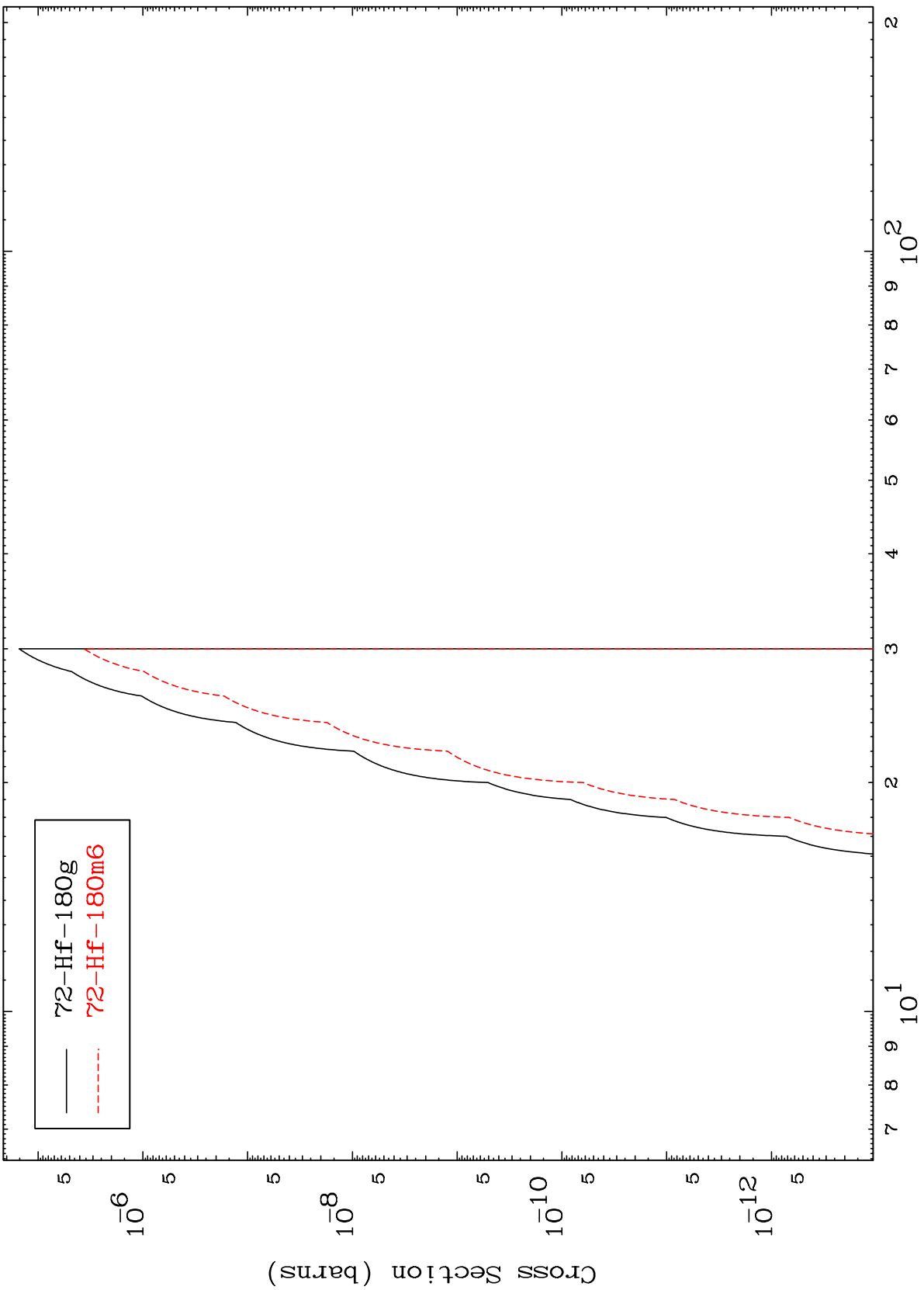


MAT 7244

(n,2n) p

⁷²Hf-180m

Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m6

19

Incident Energy (MeV)

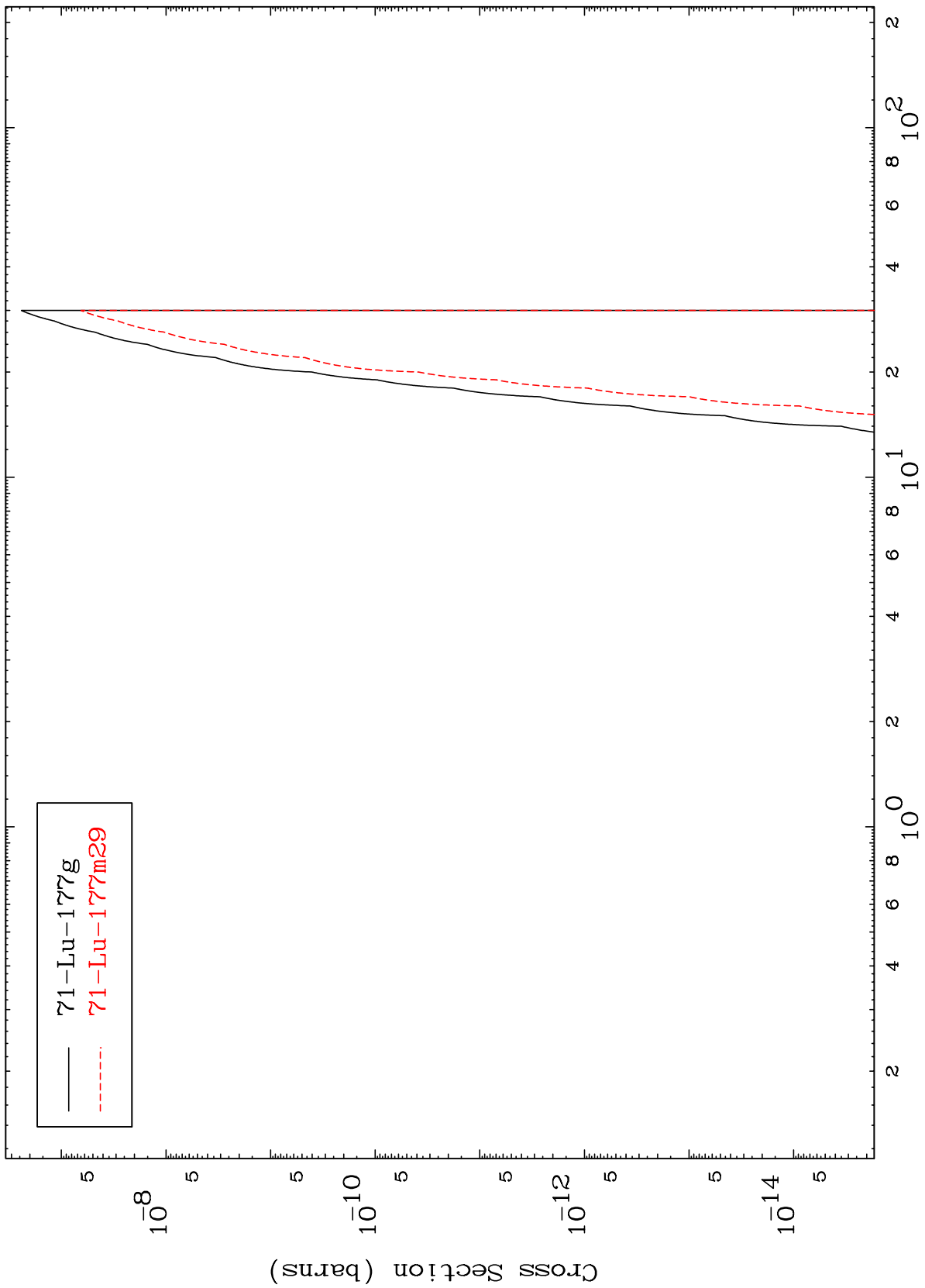
⁷²Hf-180m

MAT 7244

(n,n') p α

72-Hf-180m

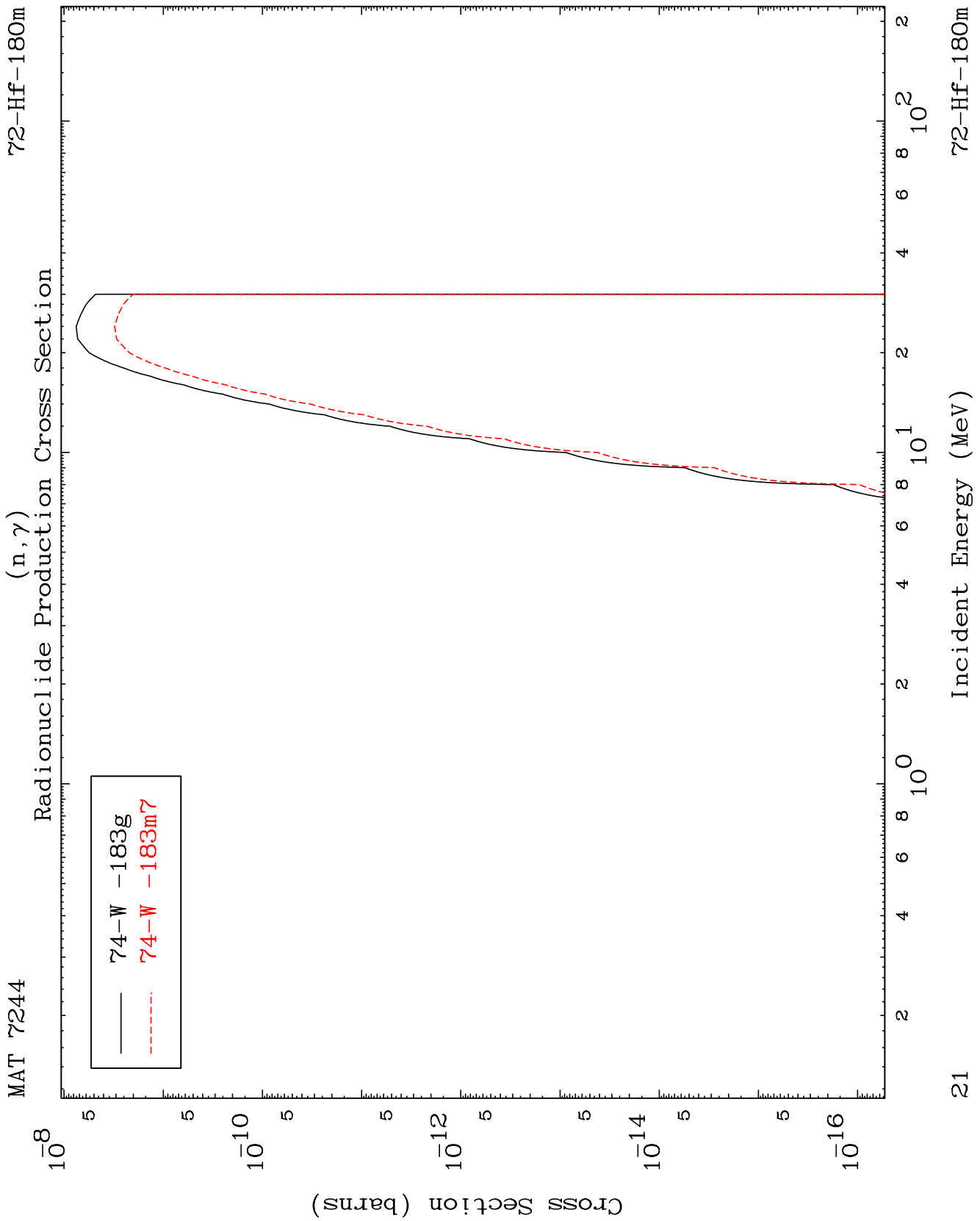
Radionuclide Production Cross Section



20

Incident Energy (MeV)

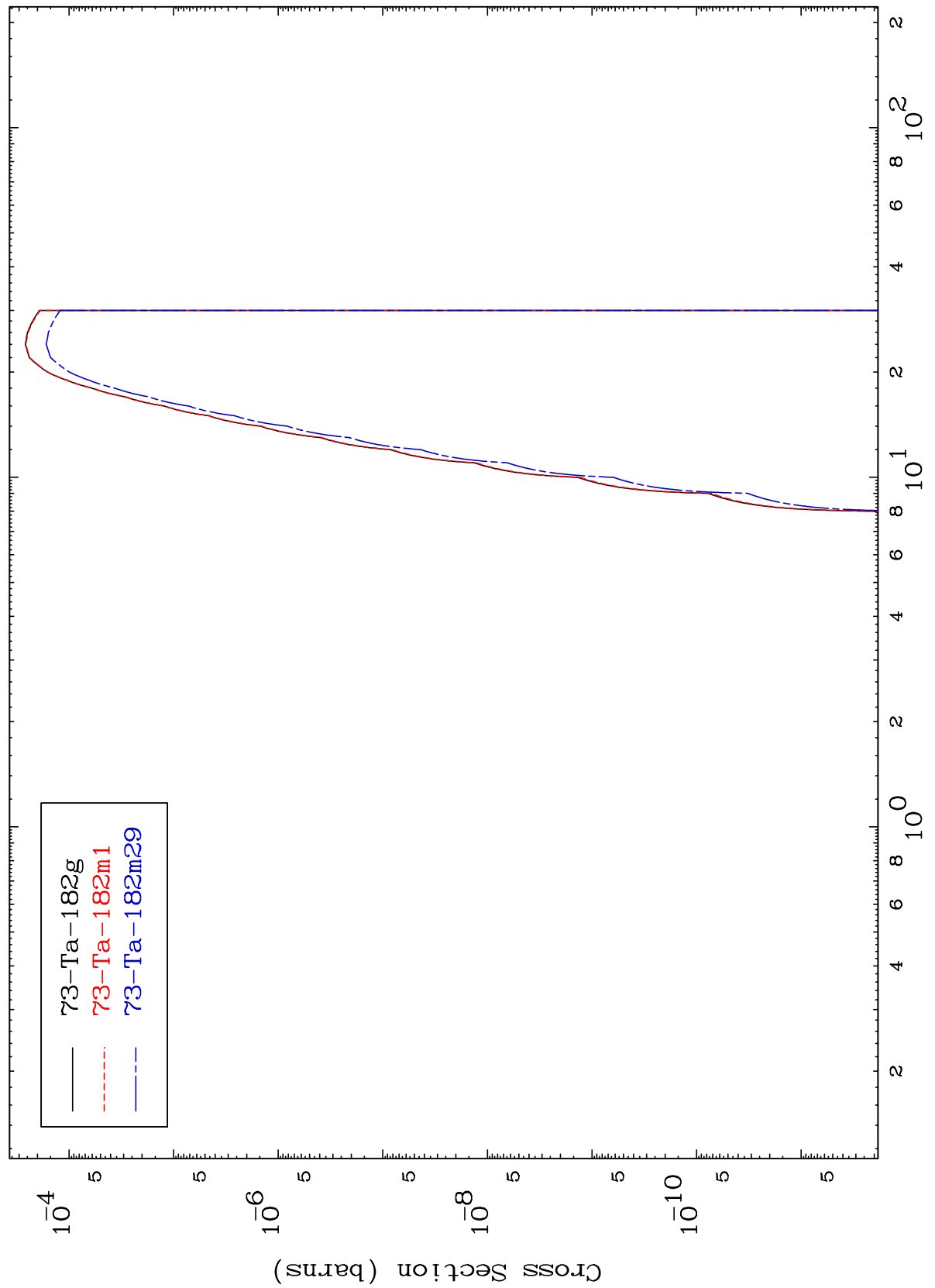
72-Hf-180m



MAT 7244

72-Hf-180m

(n,p)
Radionuclide Production Cross Section

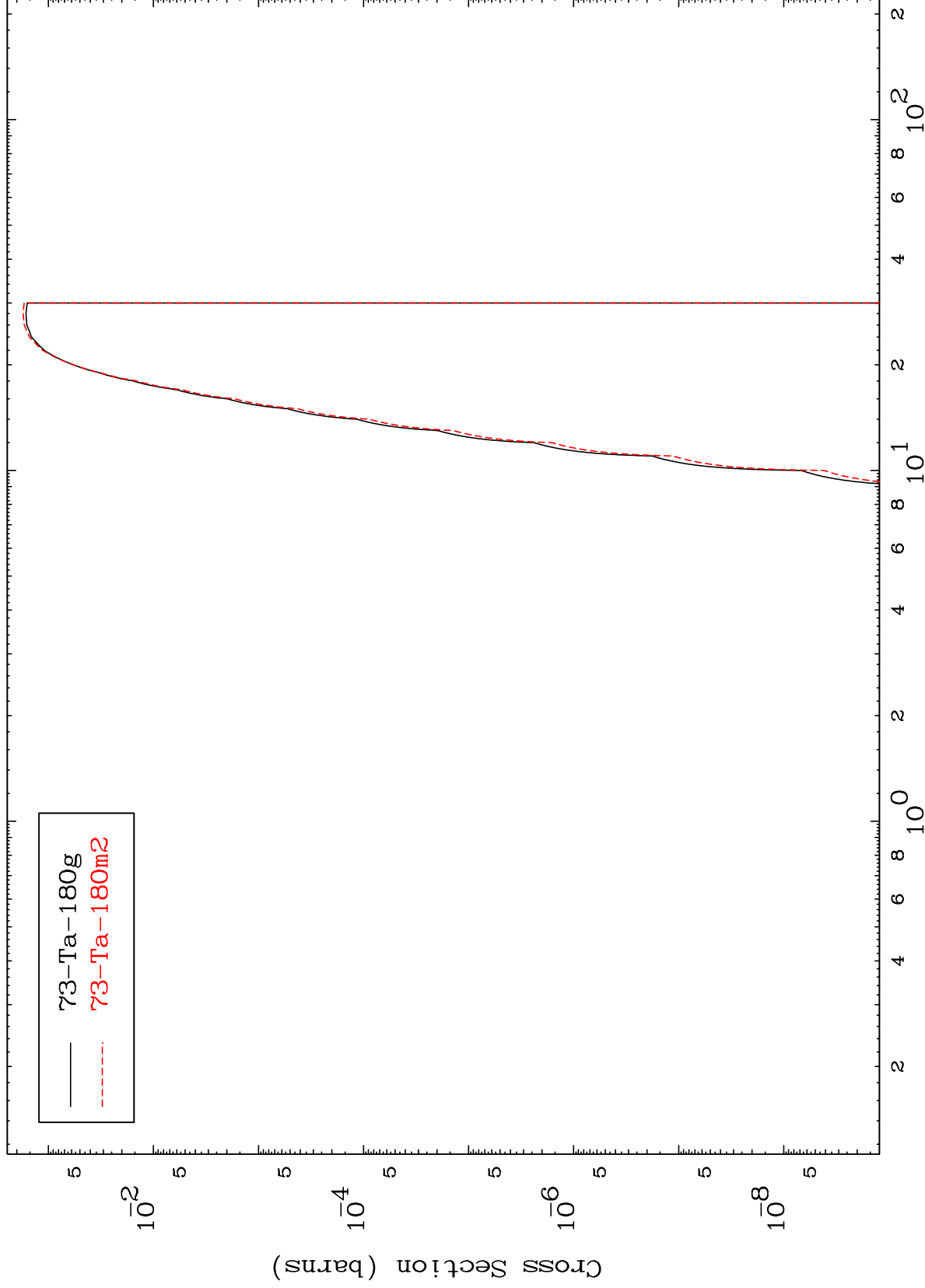


MAT 7244

(n, t)

⁷²Hf-180m

Radionuclide Production Cross Section

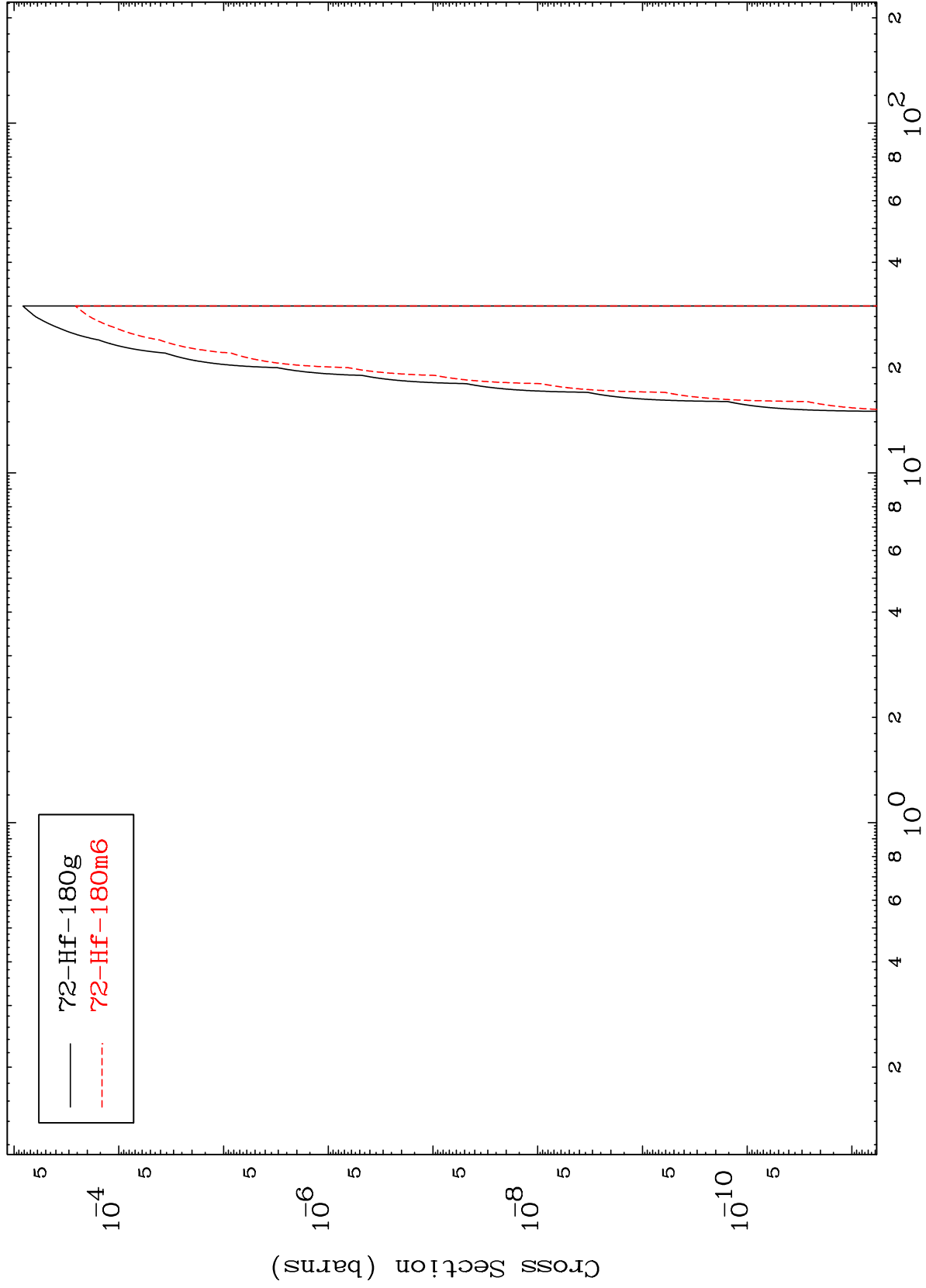


MAT 7244

(n,He-3)

⁷²Hf-180m

Radionuclide Production Cross Section



— ⁷²Hf-180g
- - - ⁷²Hf-180m6

24

Incident Energy (MeV)

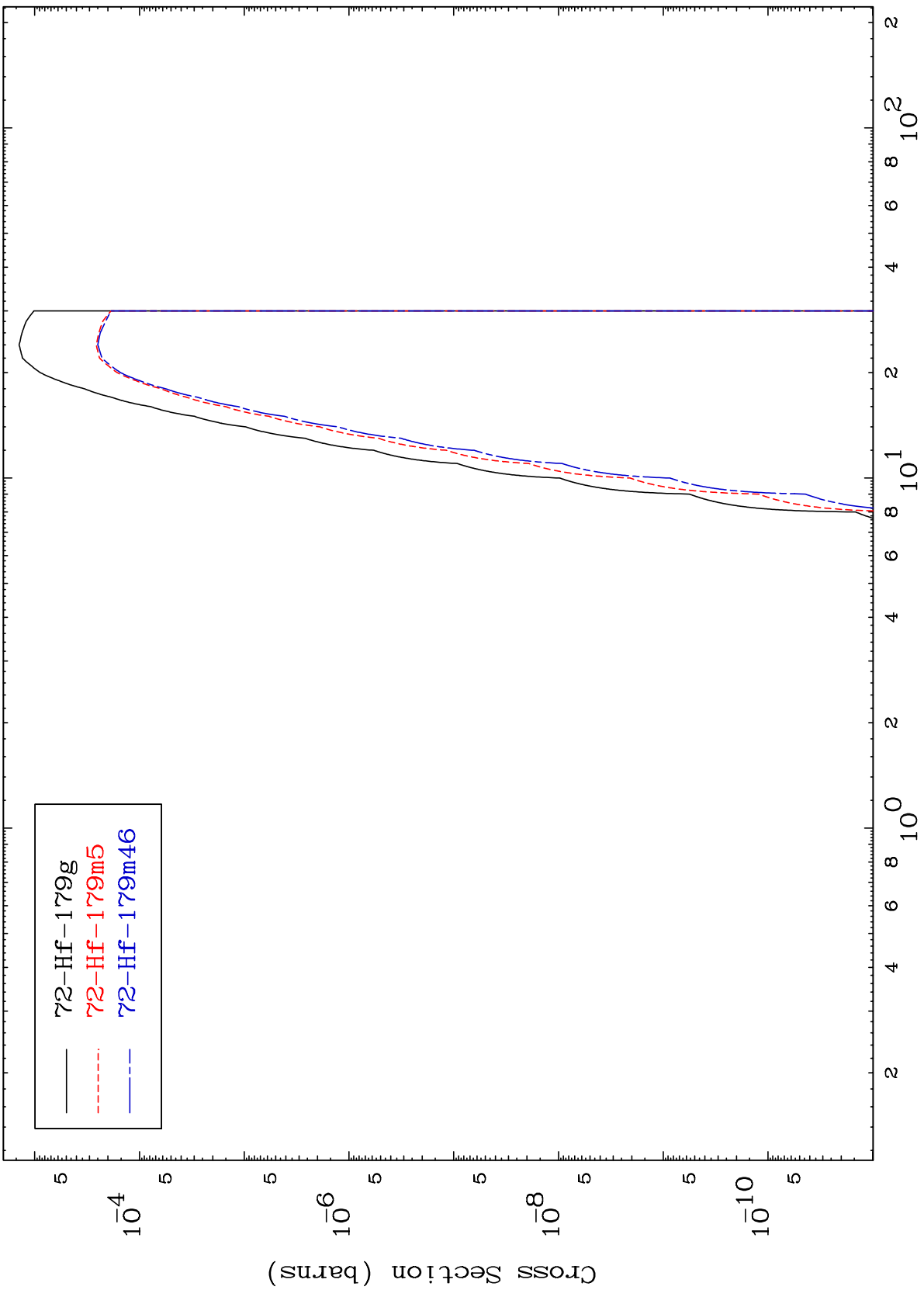
⁷²Hf-180m

MAT 7244

(n, α)

⁷²Hf-180m

Radionuclide Production Cross Section



25

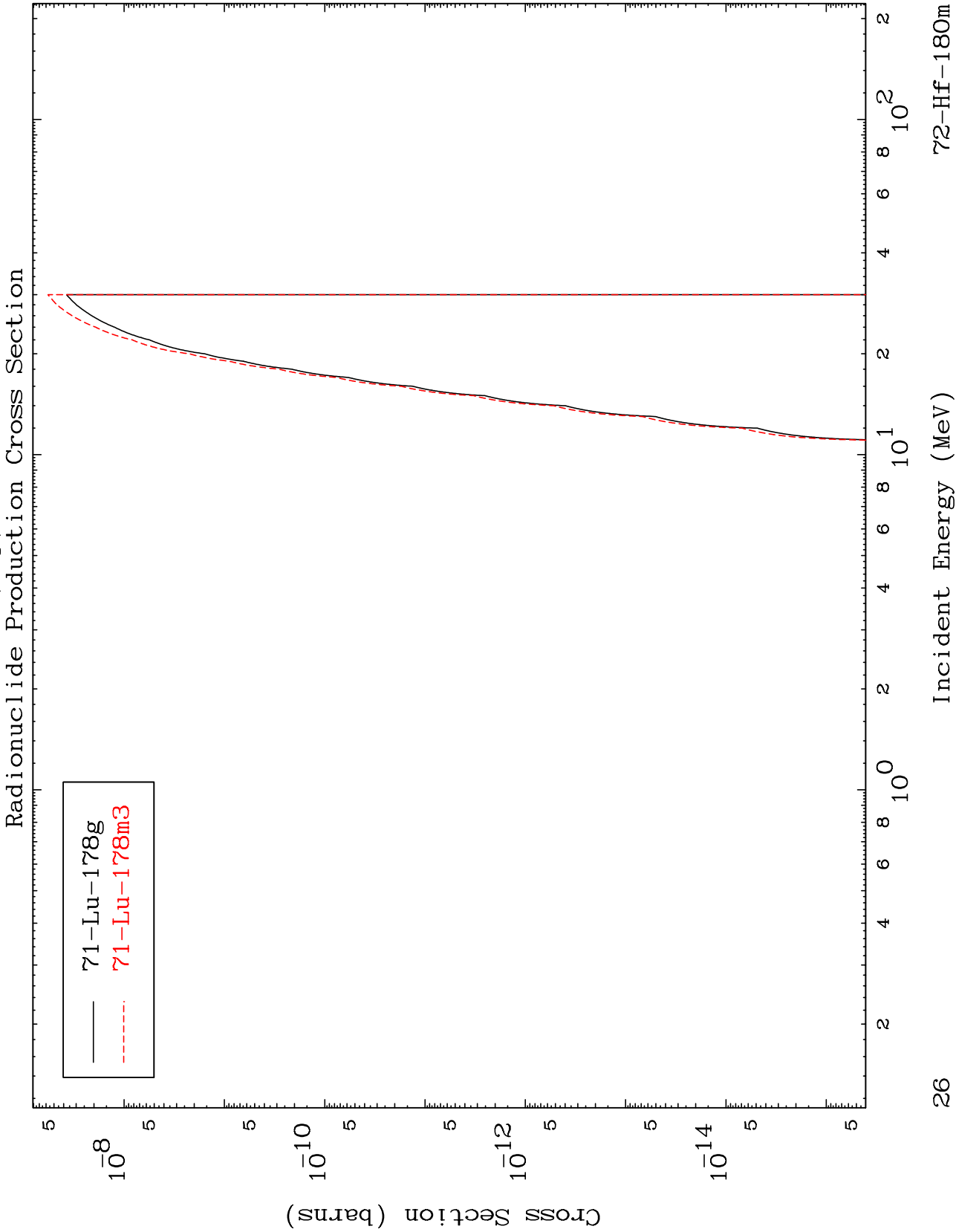
Incident Energy (MeV)

⁷²Hf-180m

MAT 7244

(n,p) α

$^{72}\text{Hf}-180\text{m}$



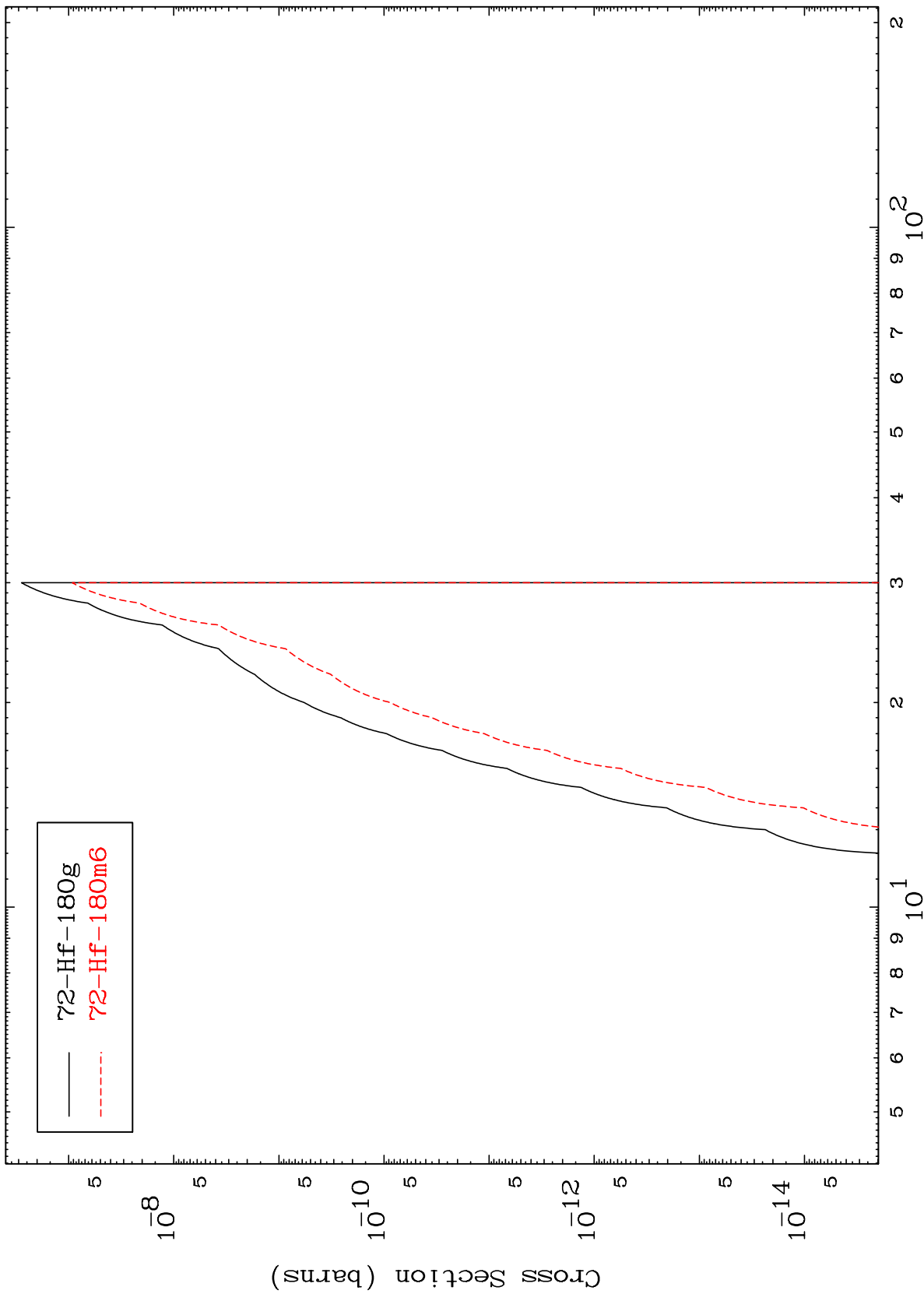
— $^{71}\text{Lu}-178\text{g}$
- - - $^{71}\text{Lu}-178\text{m}3$

MAT 7244

(n,p) d

⁷²Hf-180m

Radionuclide Production Cross Section

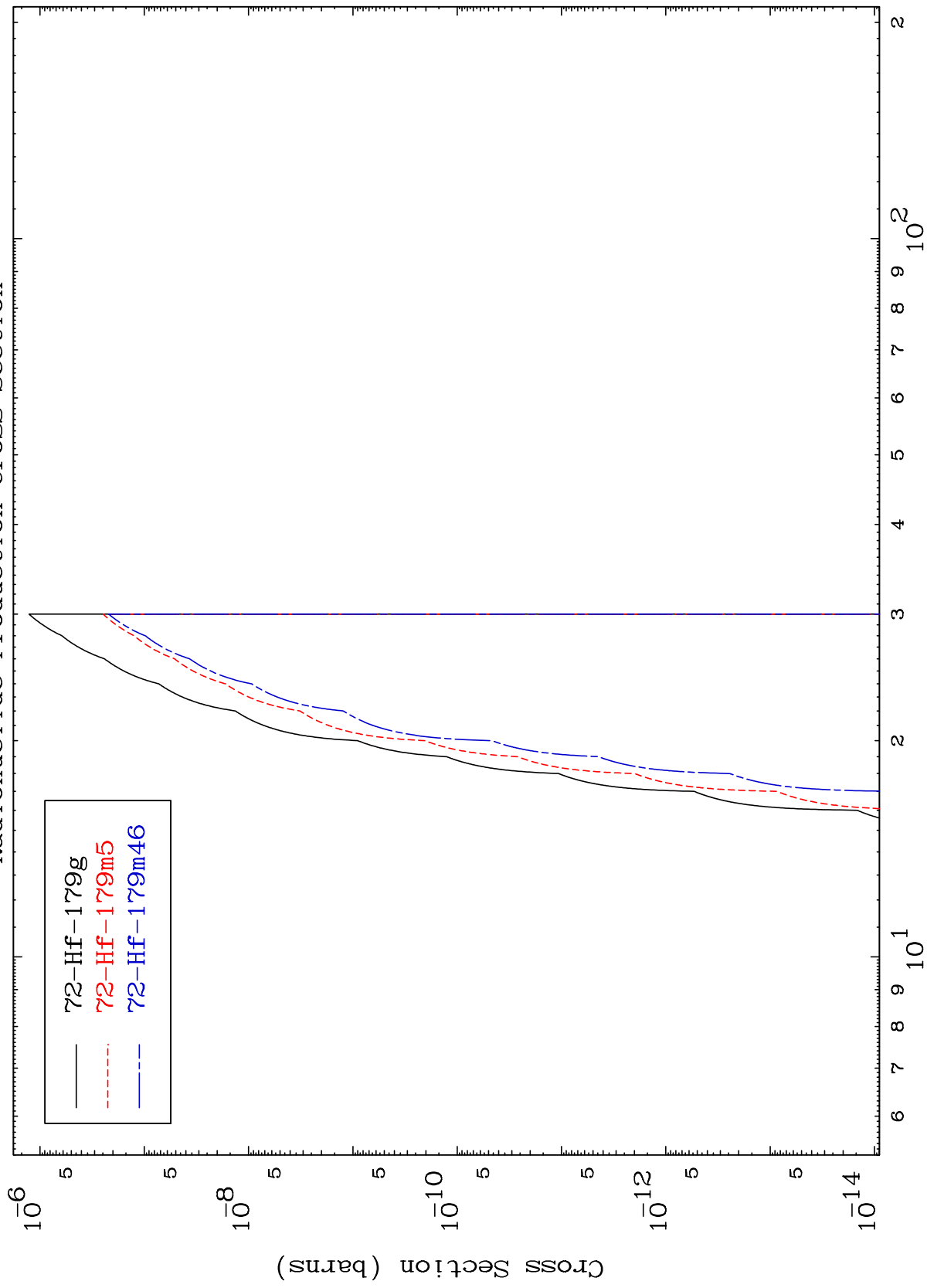


MAT 7244

(n,p) t

⁷²Hf-180m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷²Hf-180m

MAT 7244

(n,d) α

$^{72}\text{Hf}-180\text{m}$

