

Program EVALPLOT
(Version 2021-1)

by

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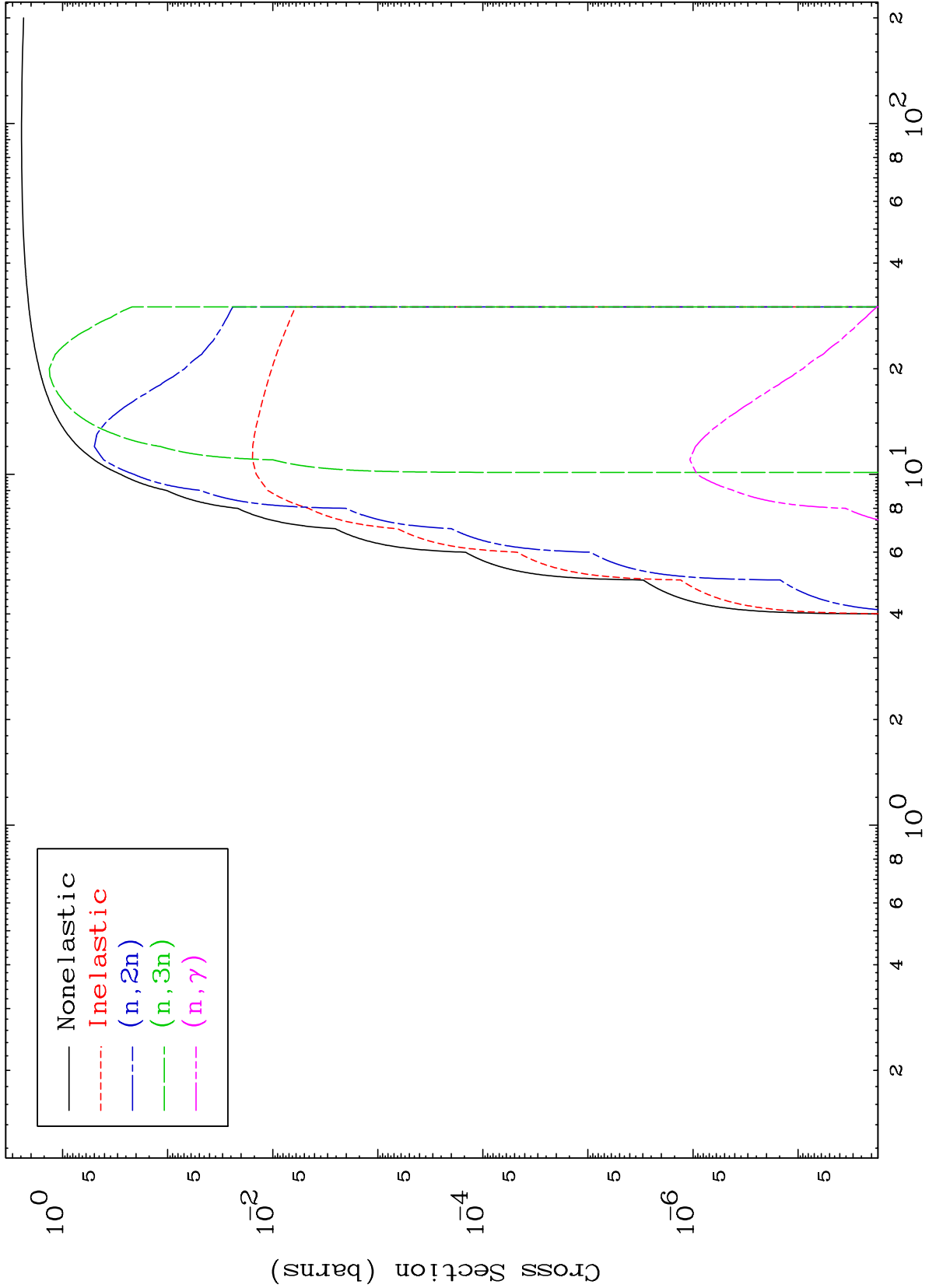
Press Mouse Button to Start

MAT 7238

Triton Major

72-Hf-178m

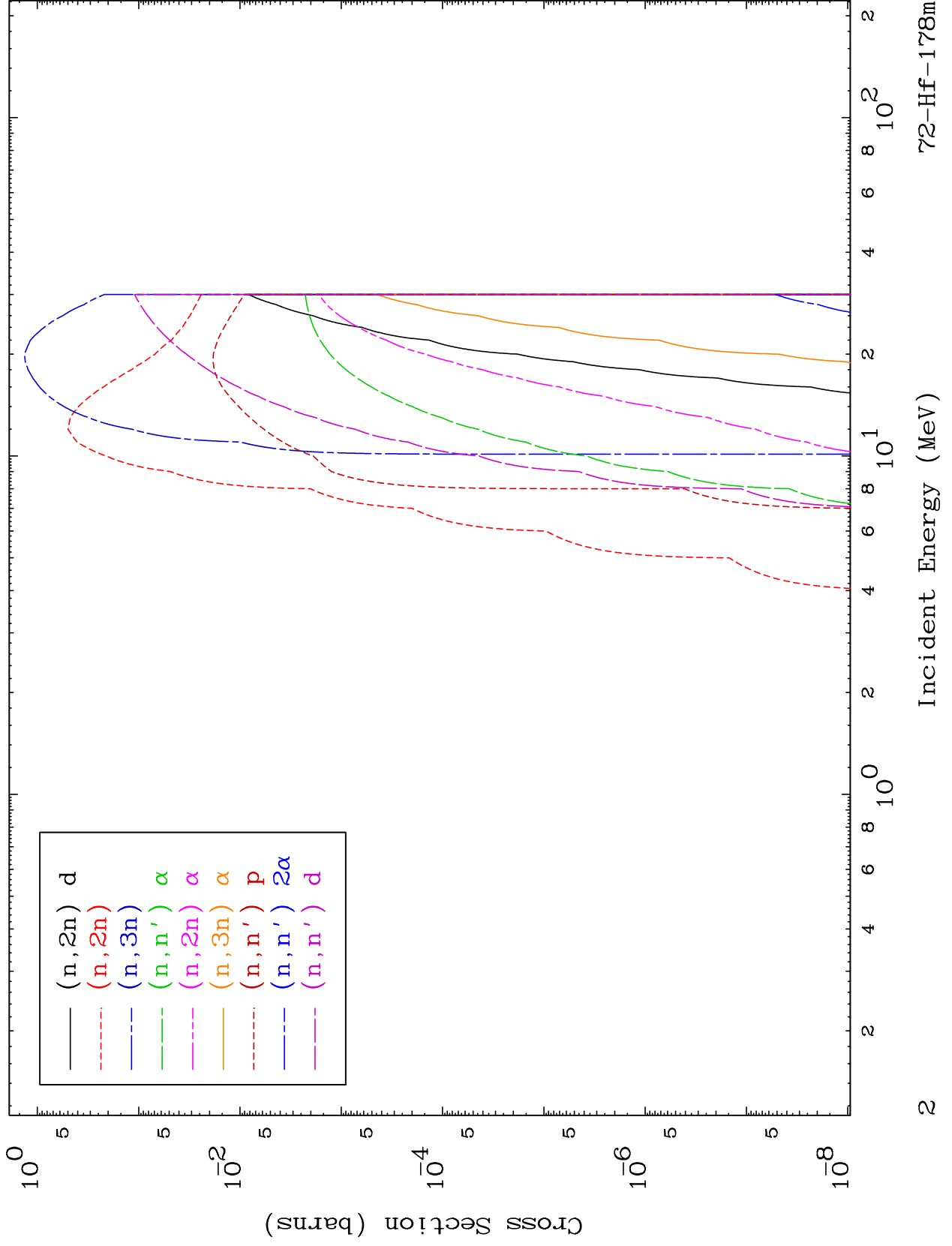
0 Kelvin Cross Sections



MAT 7238

Triton Neutron Absorption
0 Kelvin Cross Sections

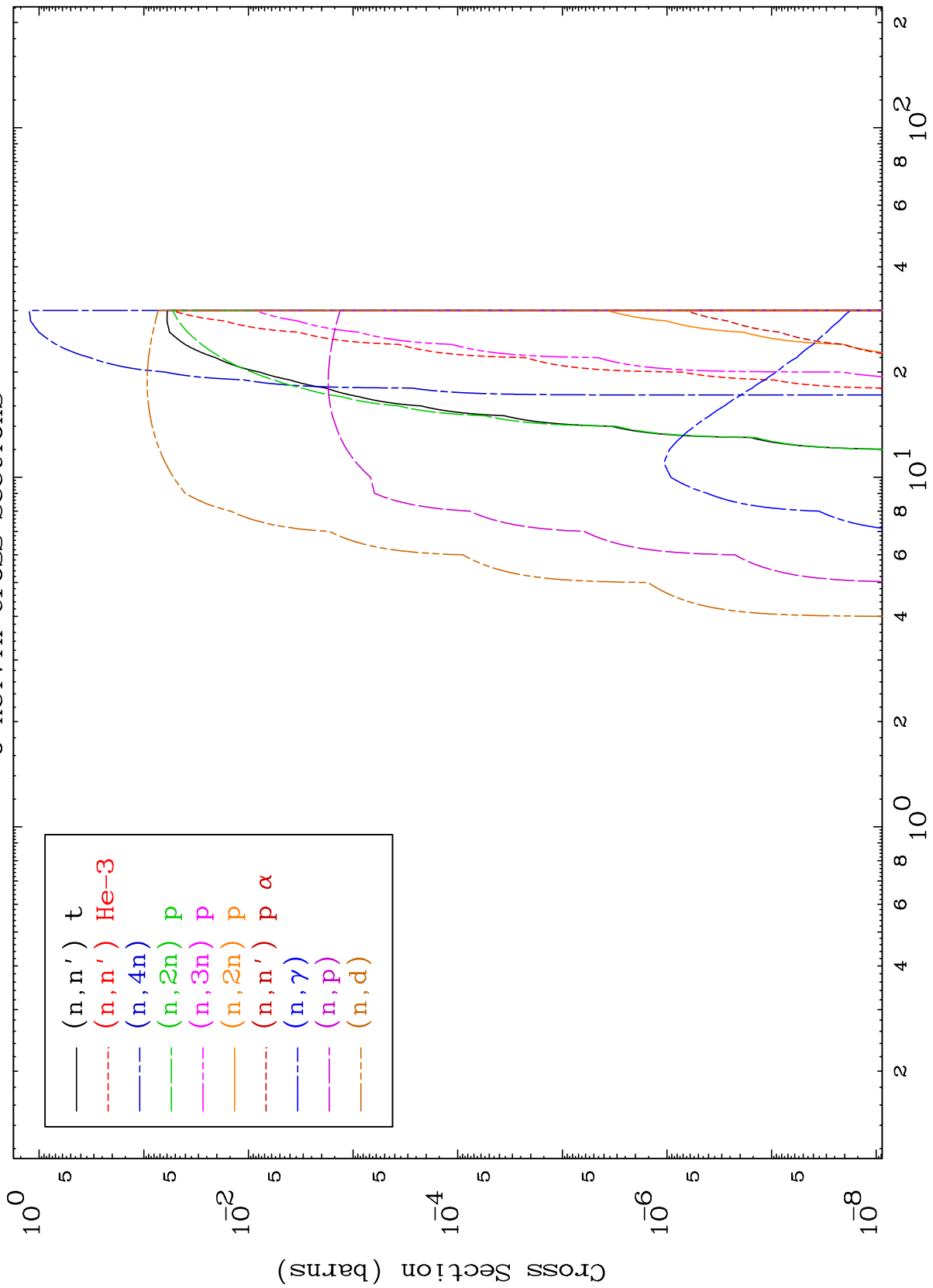
72-Hf-178m



MAT 7238

Triton Neutron Absorption
0 Kelvin Cross Sections

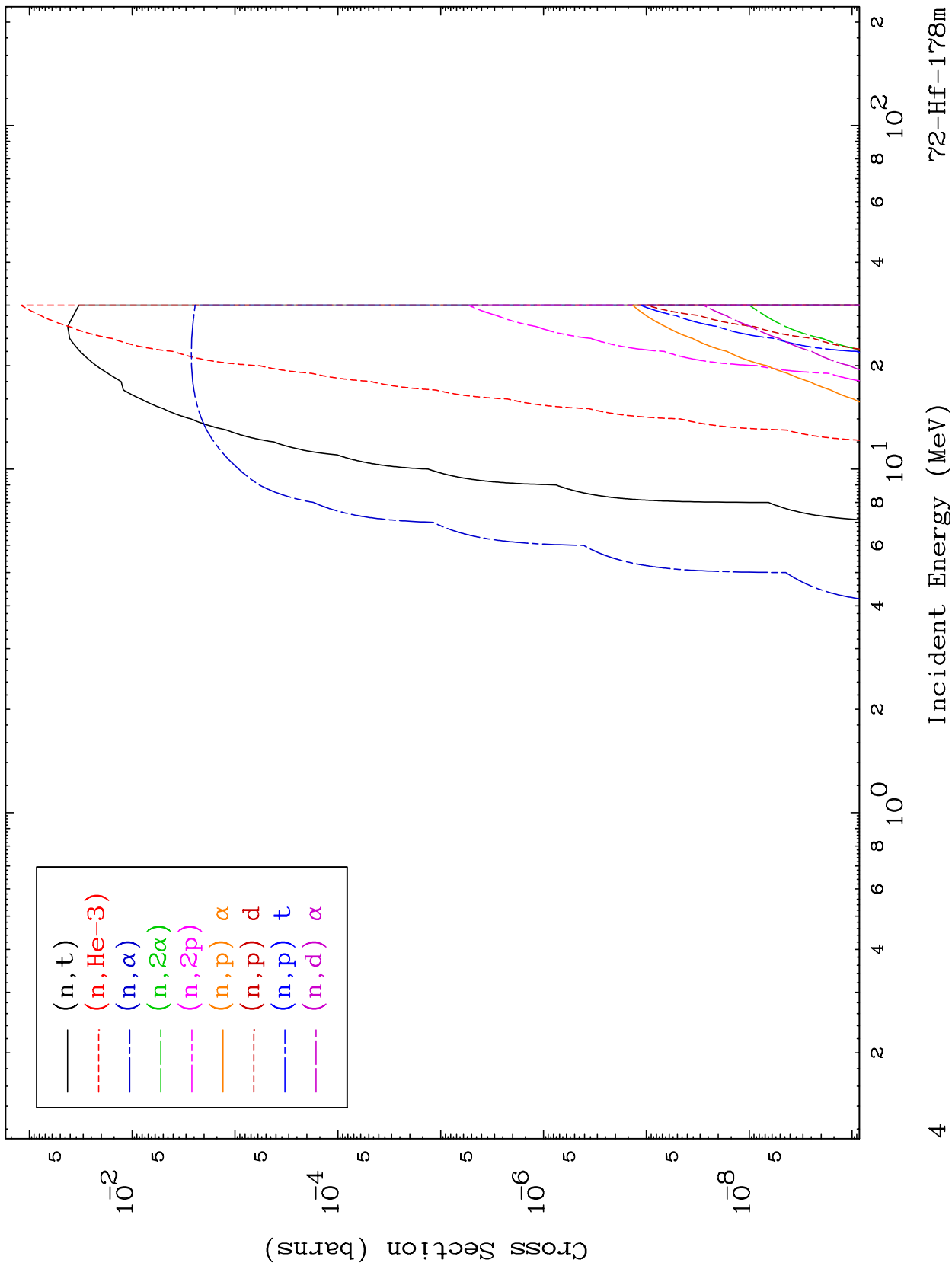
72-Hf-178m



MAT 7238

Triton Neutron Absorption
0 Kelvin Cross Sections

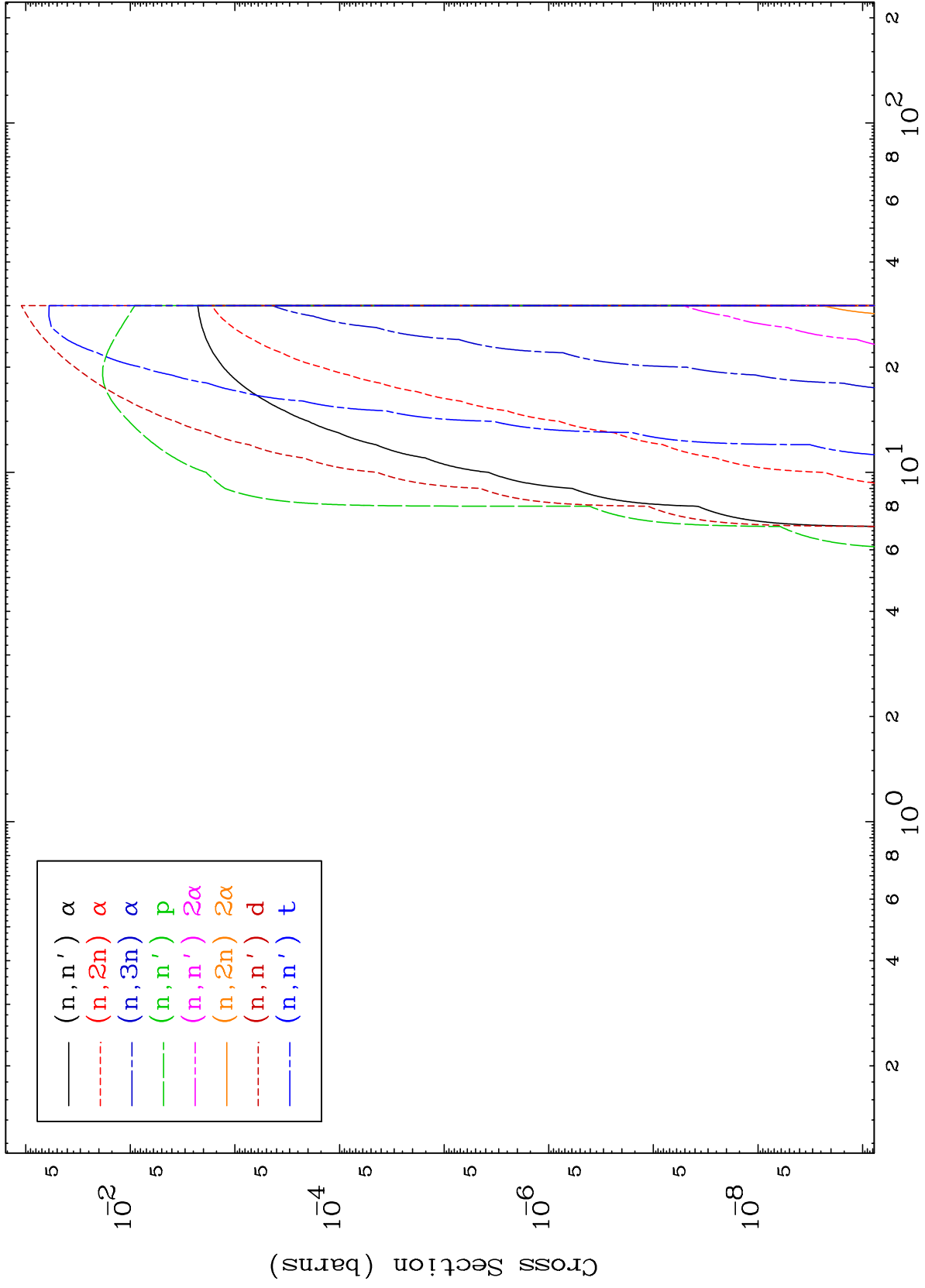
72-Hf-178m



MAT 7238

Triton Charged Particle
0 Kelvin Cross Sections

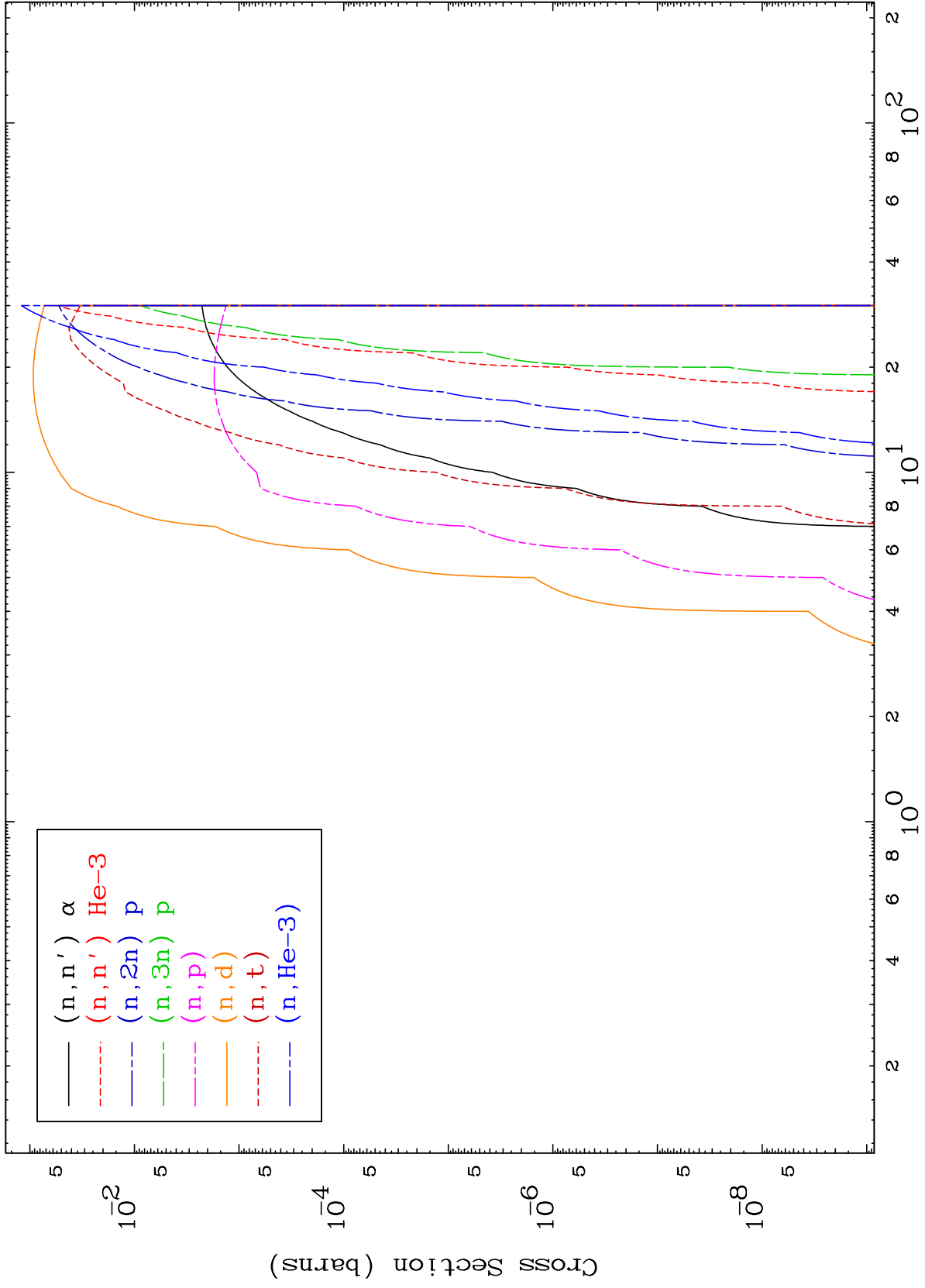
72-Hf-178m



MAT 7238

Triton Charged Particle
0 Kelvin Cross Sections

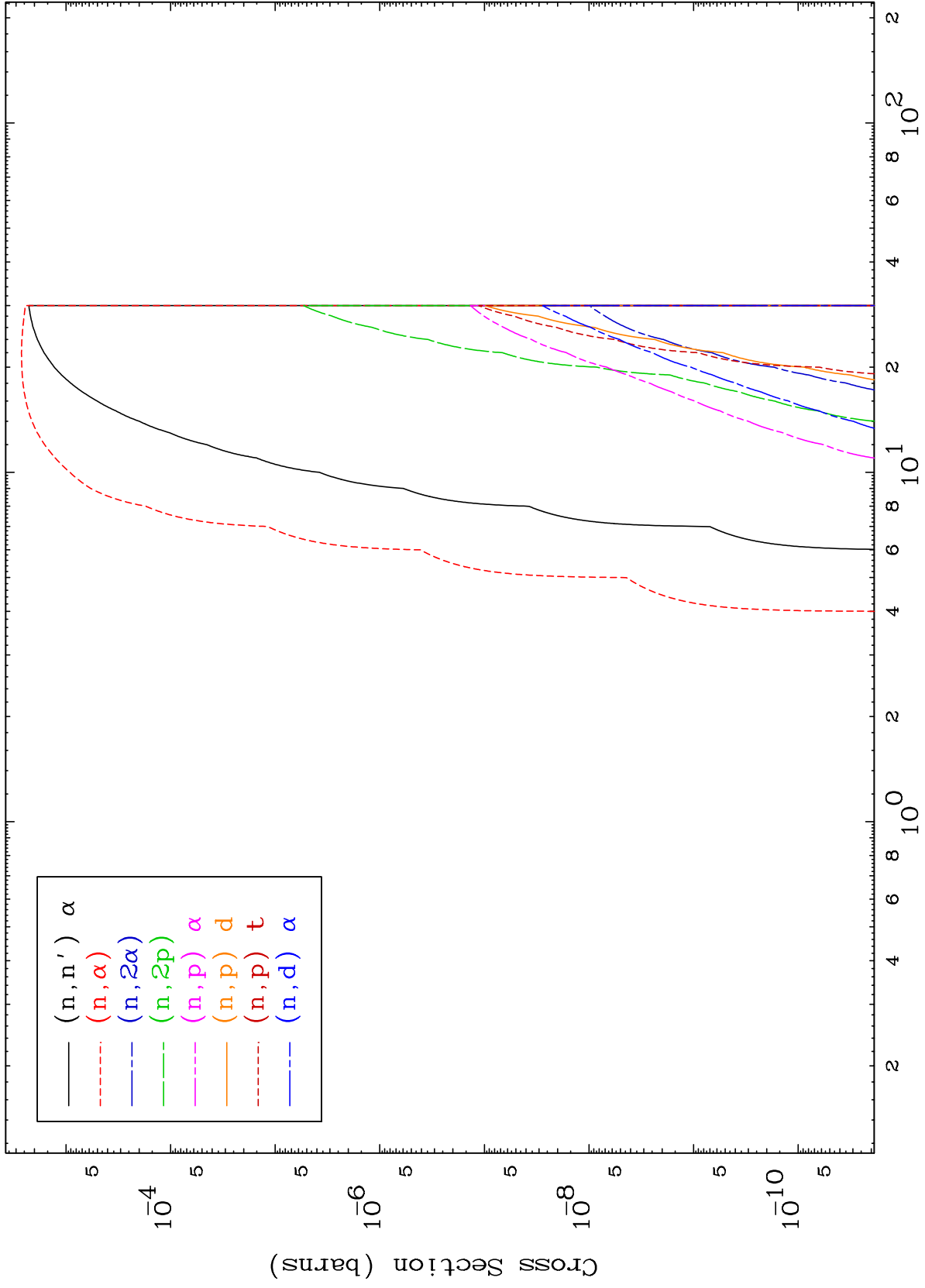
72-Hf-178m



MAT 7238

Triton Charged Particle
0 Kelvin Cross Sections

72-Hf-178m

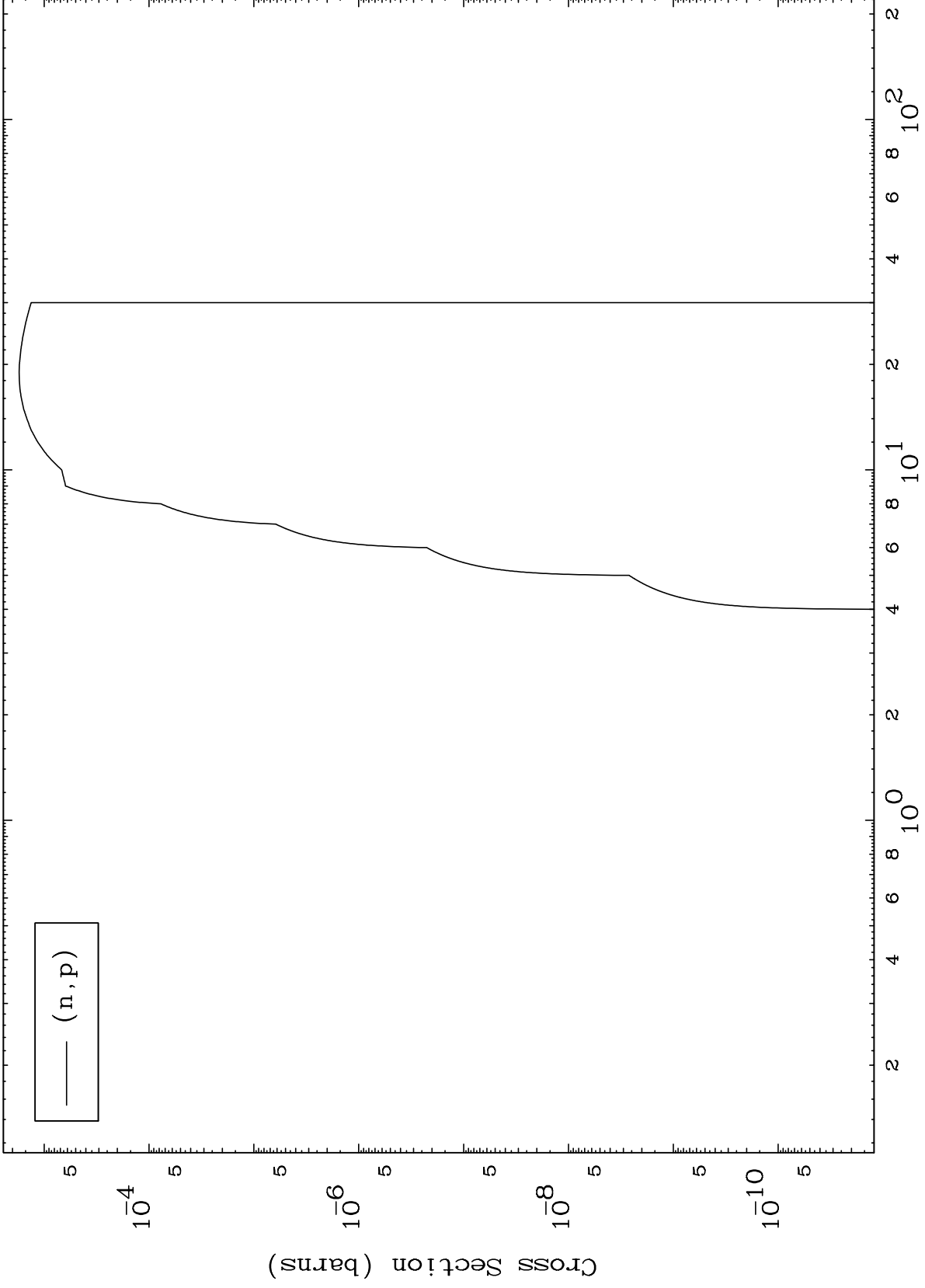


MAT 7238

(t, p) Levels

72-Hf-178m

0 Kelvin Cross Sections

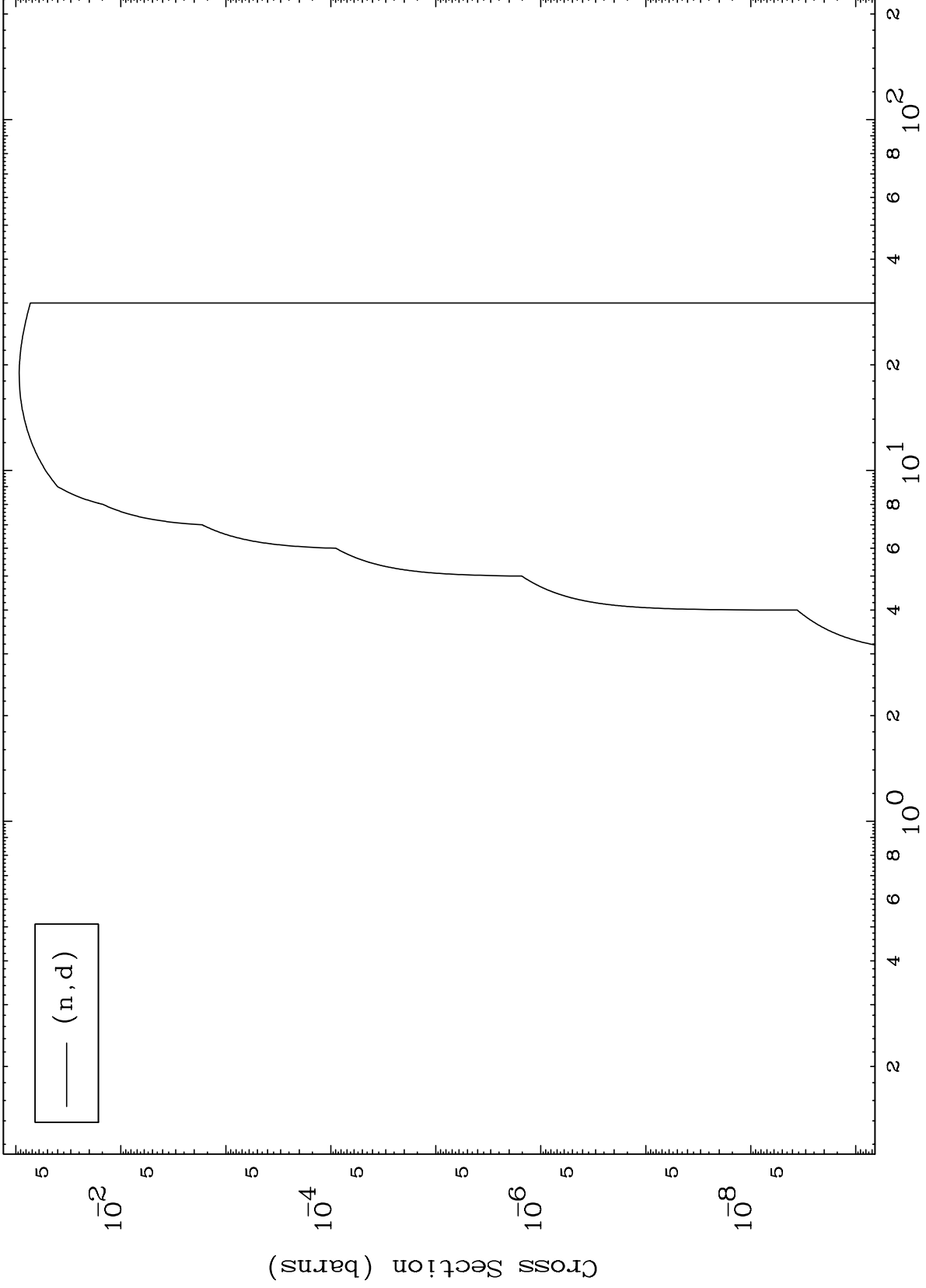


MAT 7238

(t, d) Levels

72-Hf-178m

0 Kelvin Cross Sections

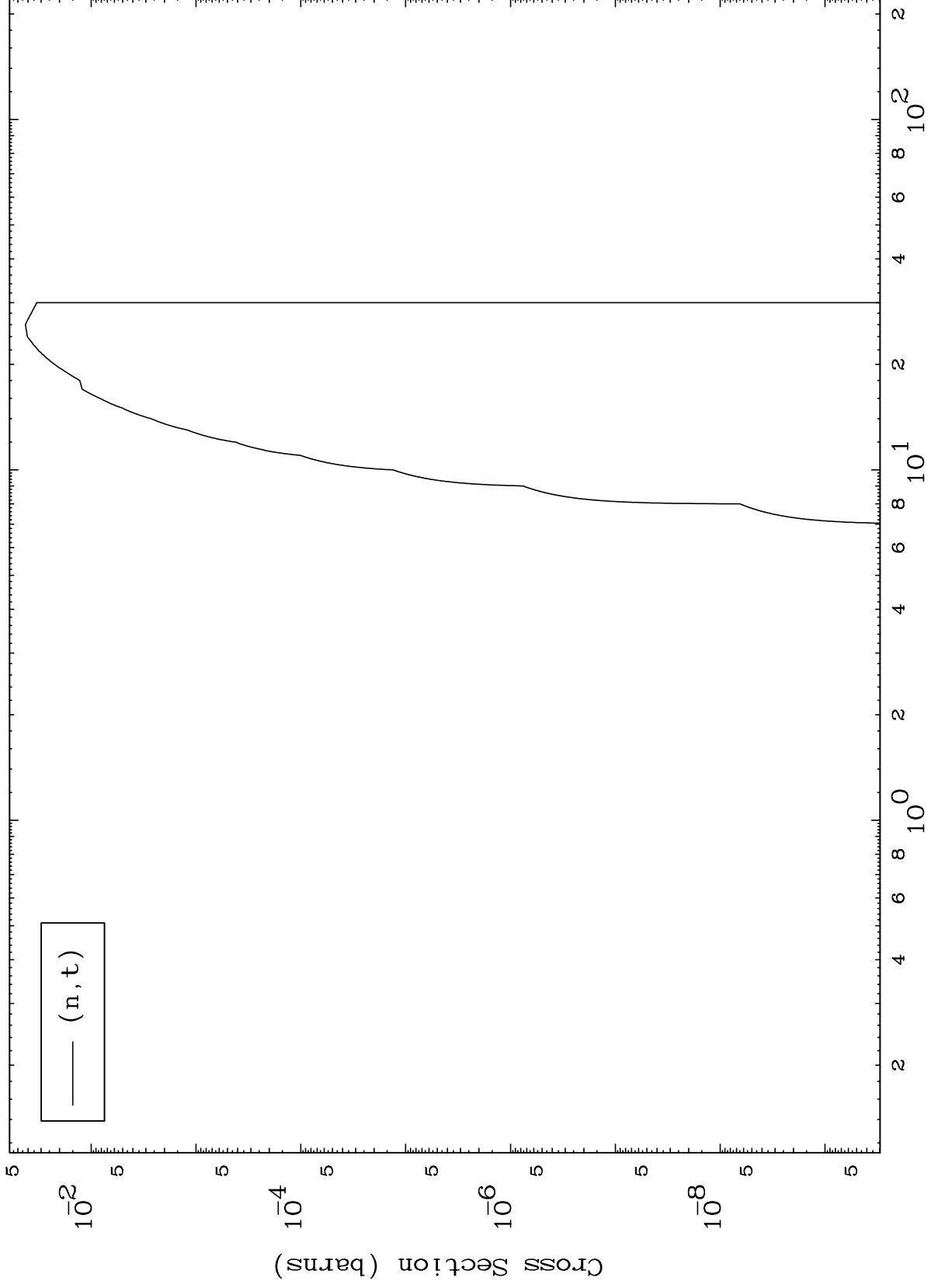


MAT 7238

(t, t) Levels

72-Hf-178m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

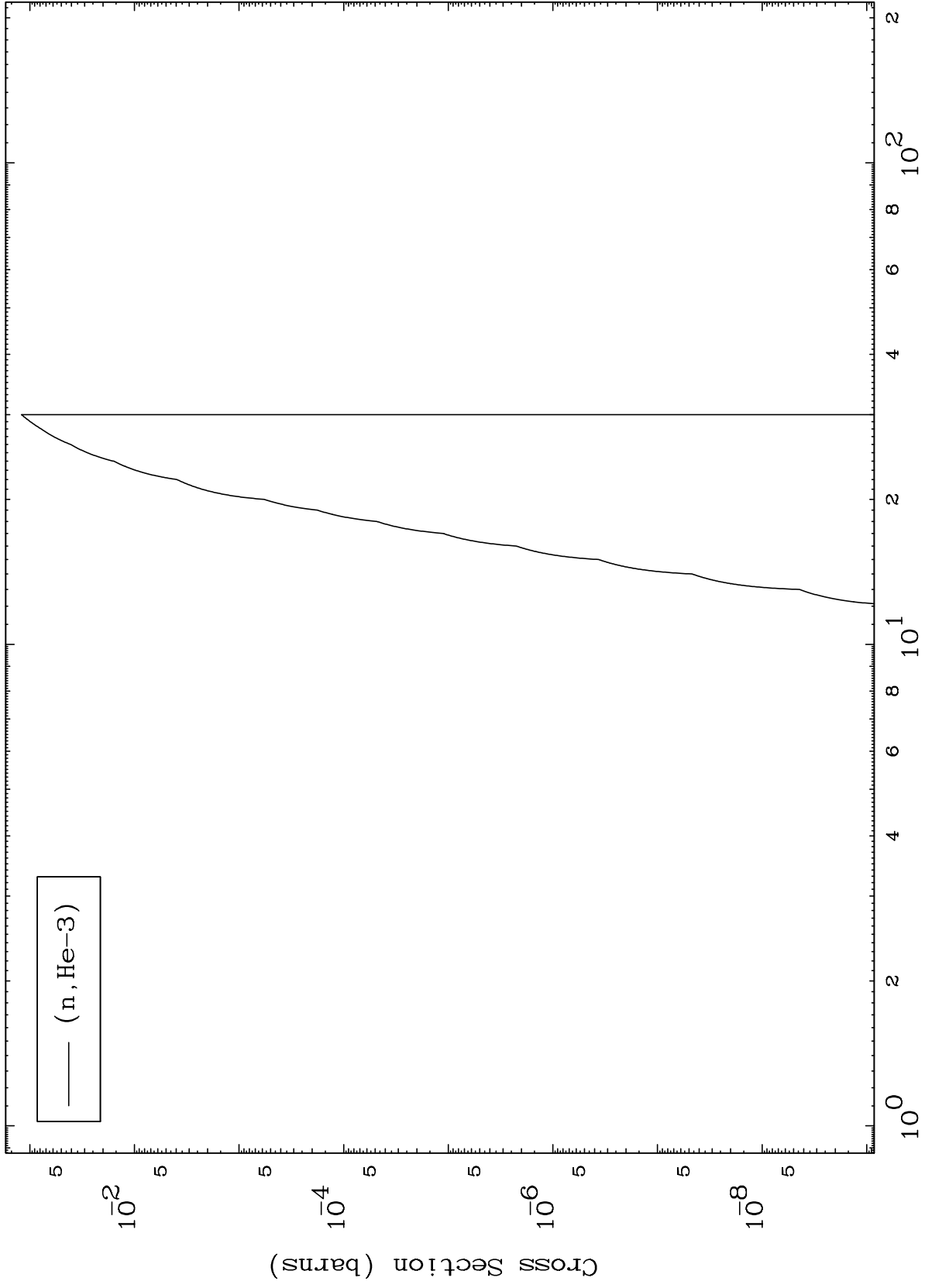
72-Hf-178m

MAT 7238

(t,He3) Levels

72-Hf-178m

0 Kelvin Cross Sections



11

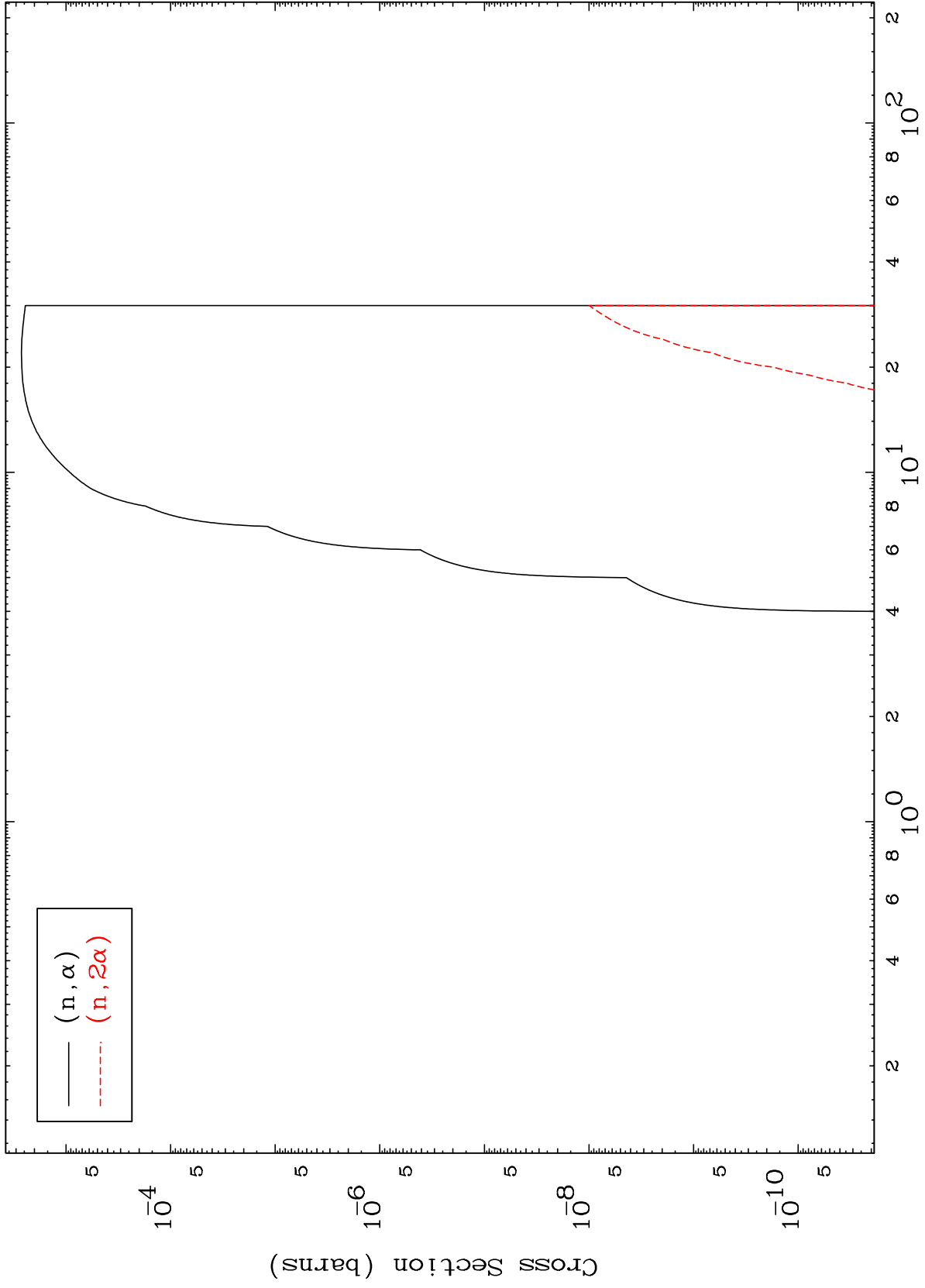
Incident Energy (MeV)

72-Hf-178m

MAT 7238

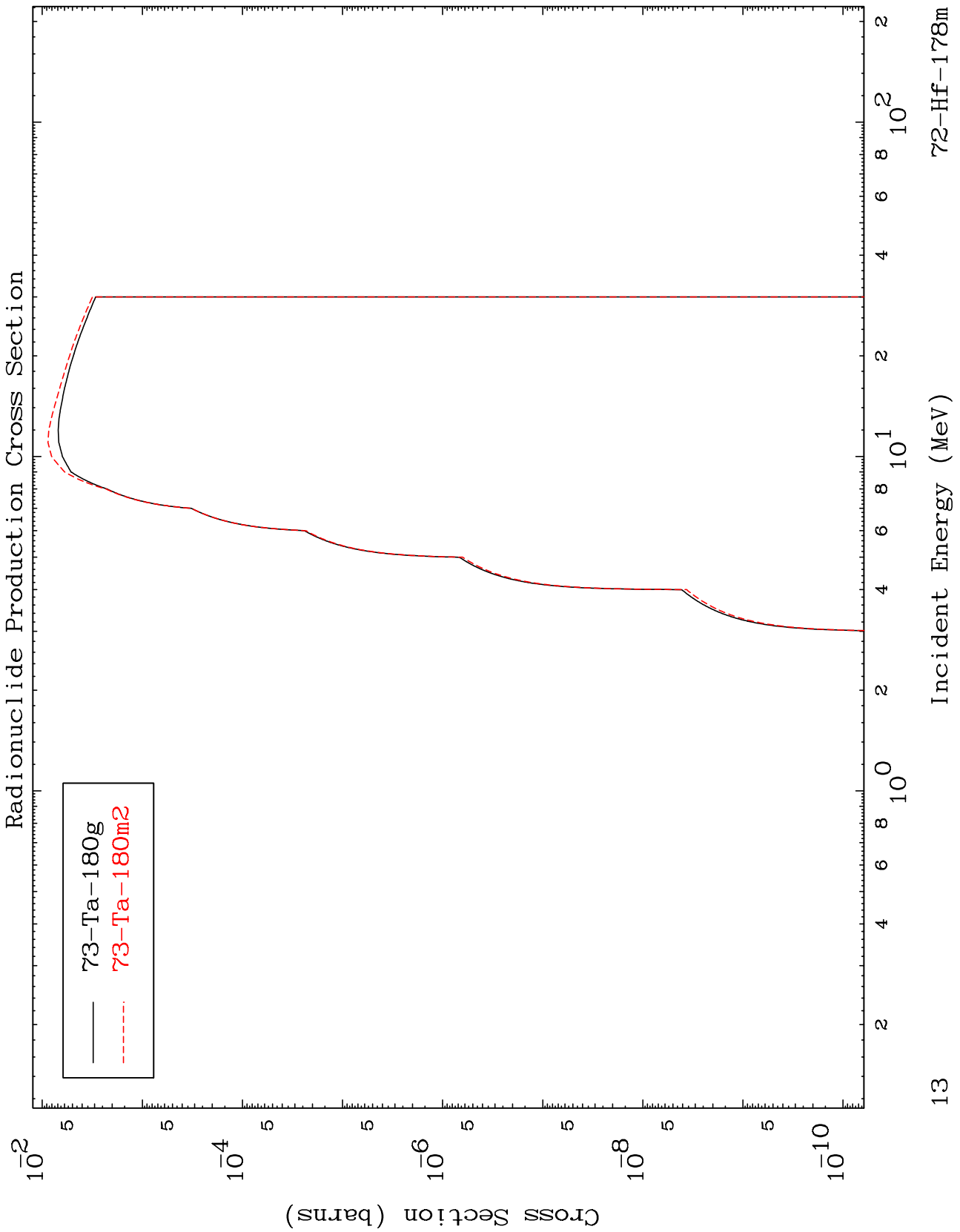
0 Kelvin Cross Sections
(t, α) Levels

72-Hf-178m



MAT 7238

72-Hf-178m

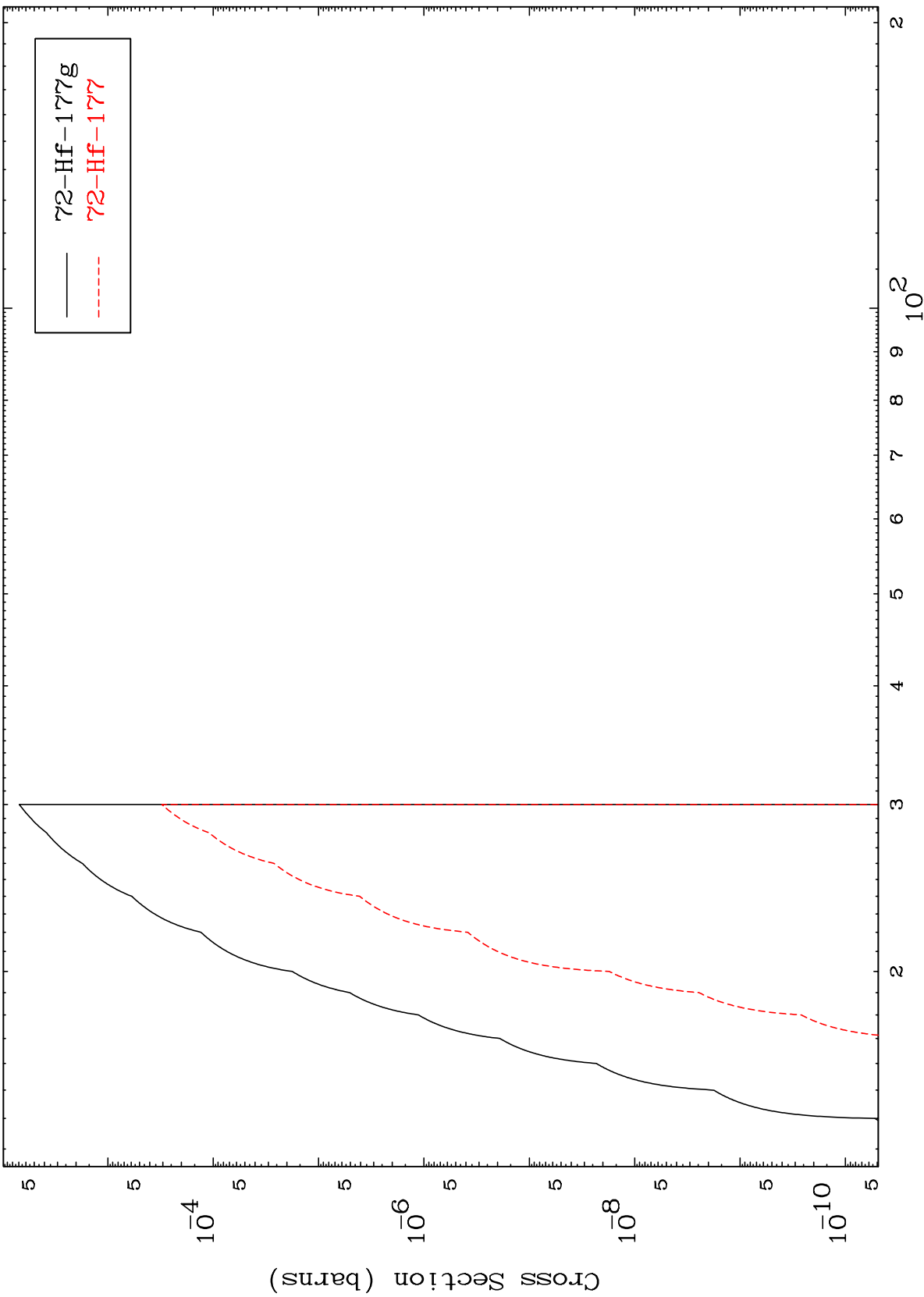


MAT 7238

(n,2n) d

⁷²Hf-178m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

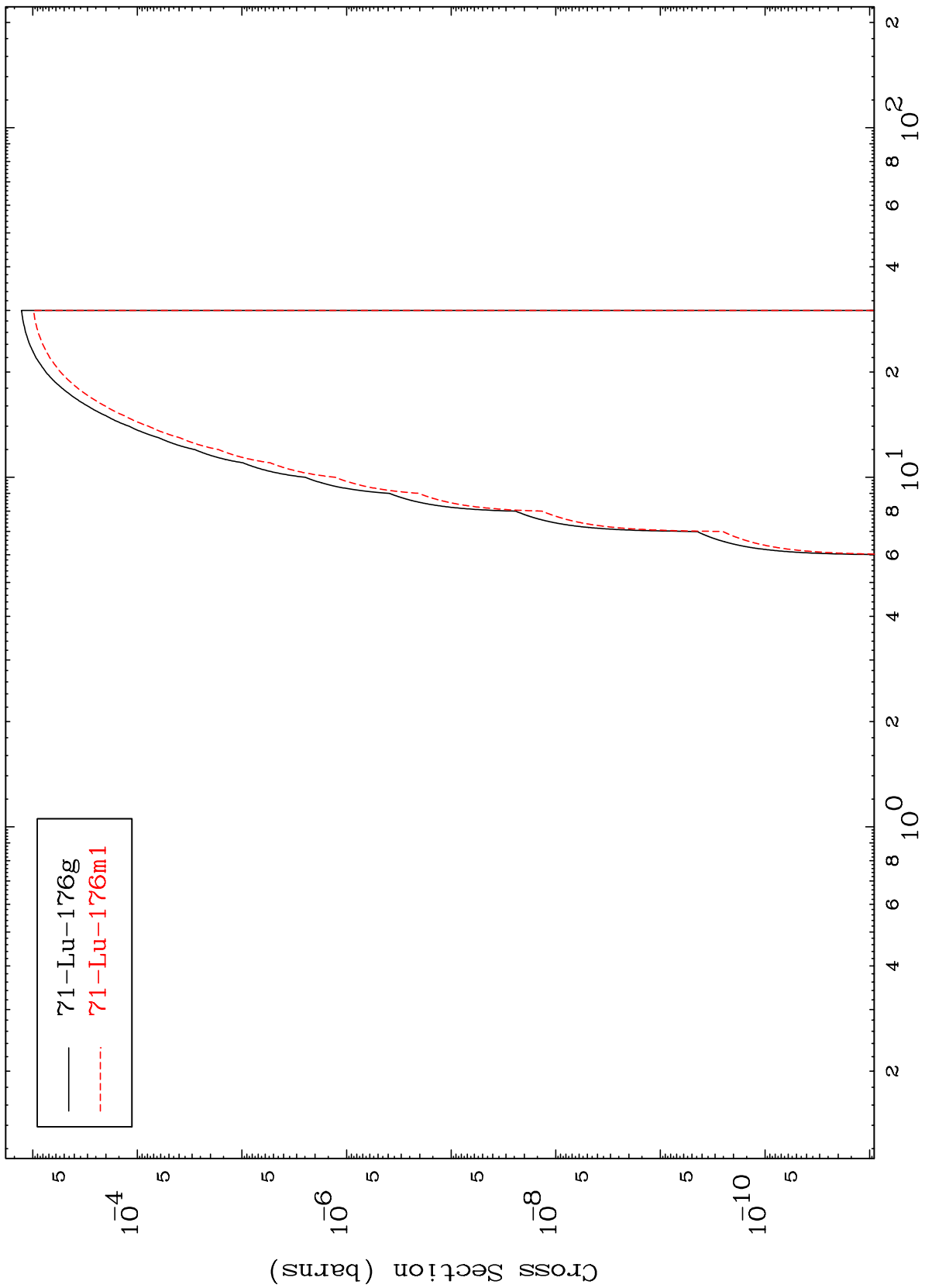
⁷²Hf-178m

MAT 7238

$(n, n') \alpha$

$^{72}\text{Hf}-178\text{m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

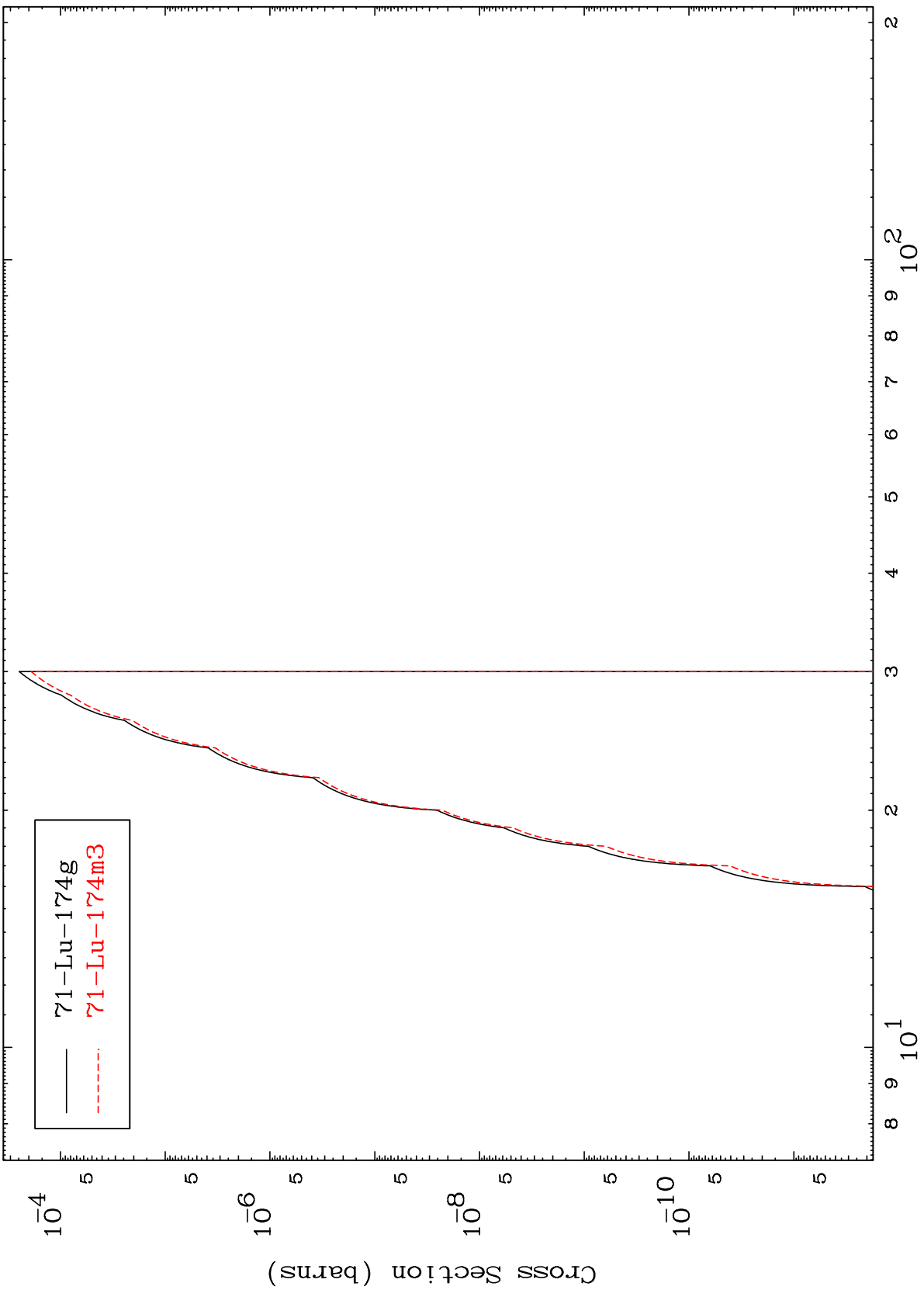
$^{72}\text{Hf}-178\text{m}$

MAT 7238

(n,3n) α

⁷²Hf-178m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

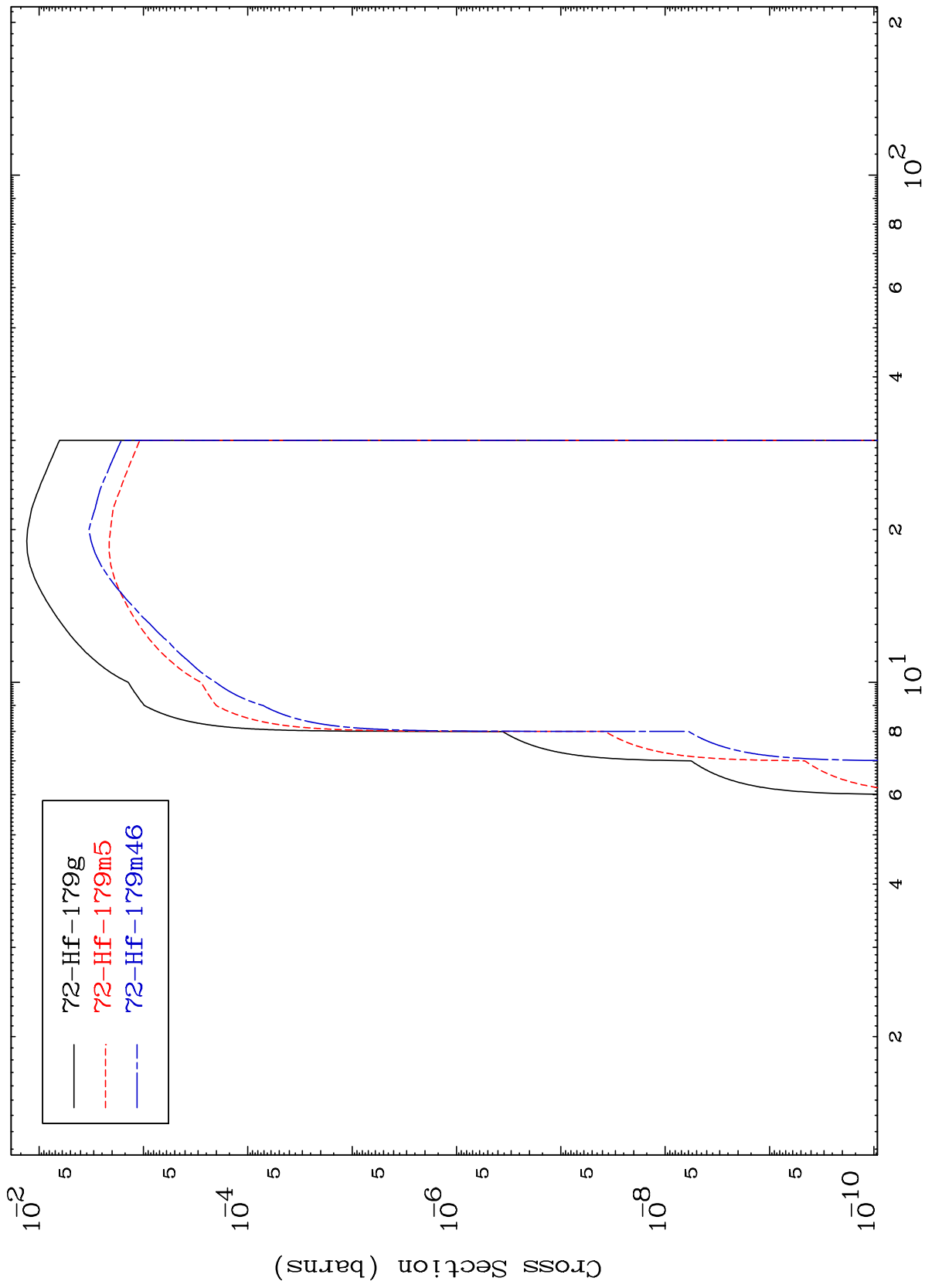
⁷²Hf-178m

MAT 7238

(n,n') p

72-Hf-178m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

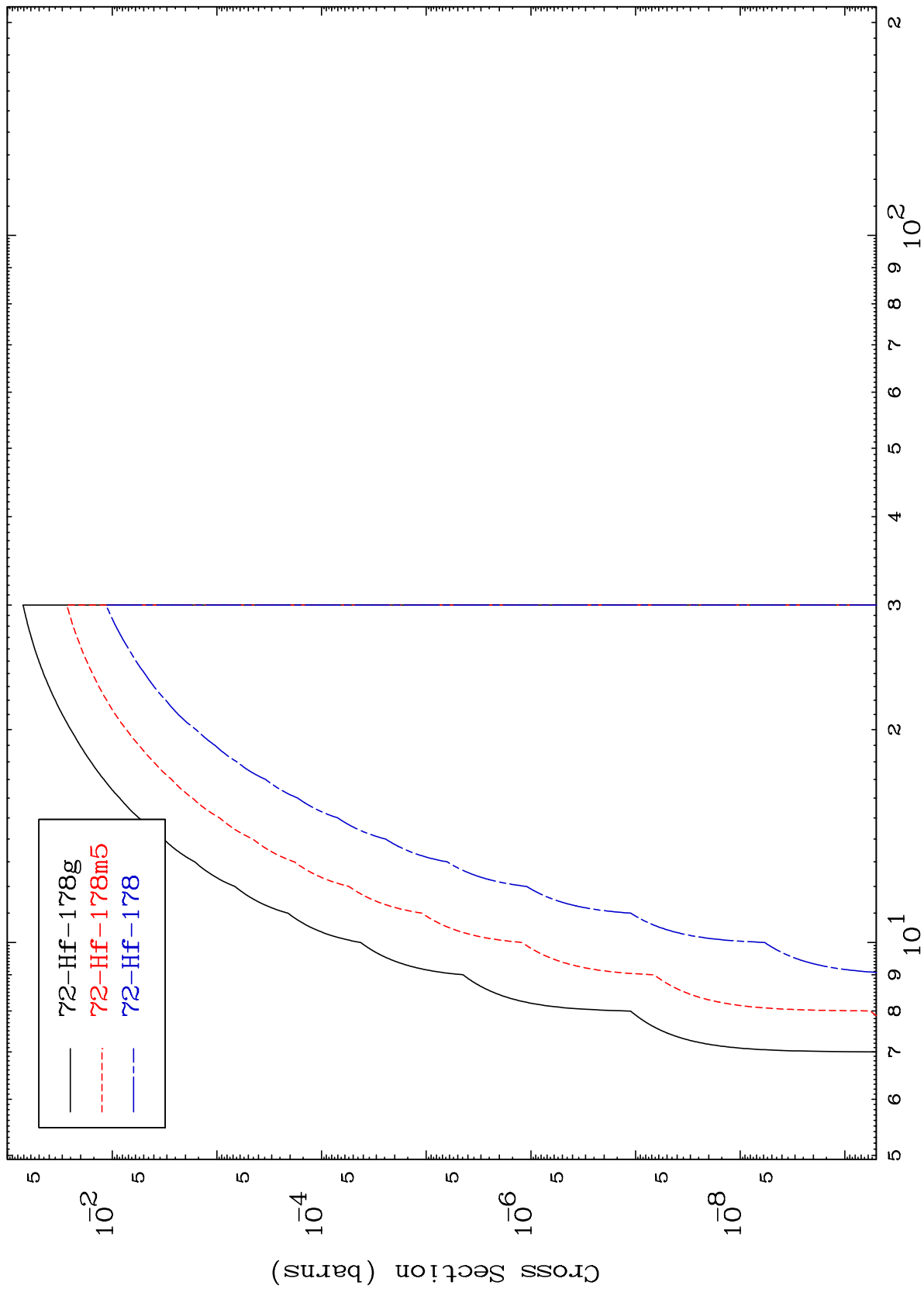
72-Hf-178m

MAT 7238

(n,n') d

⁷²Hf-178m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

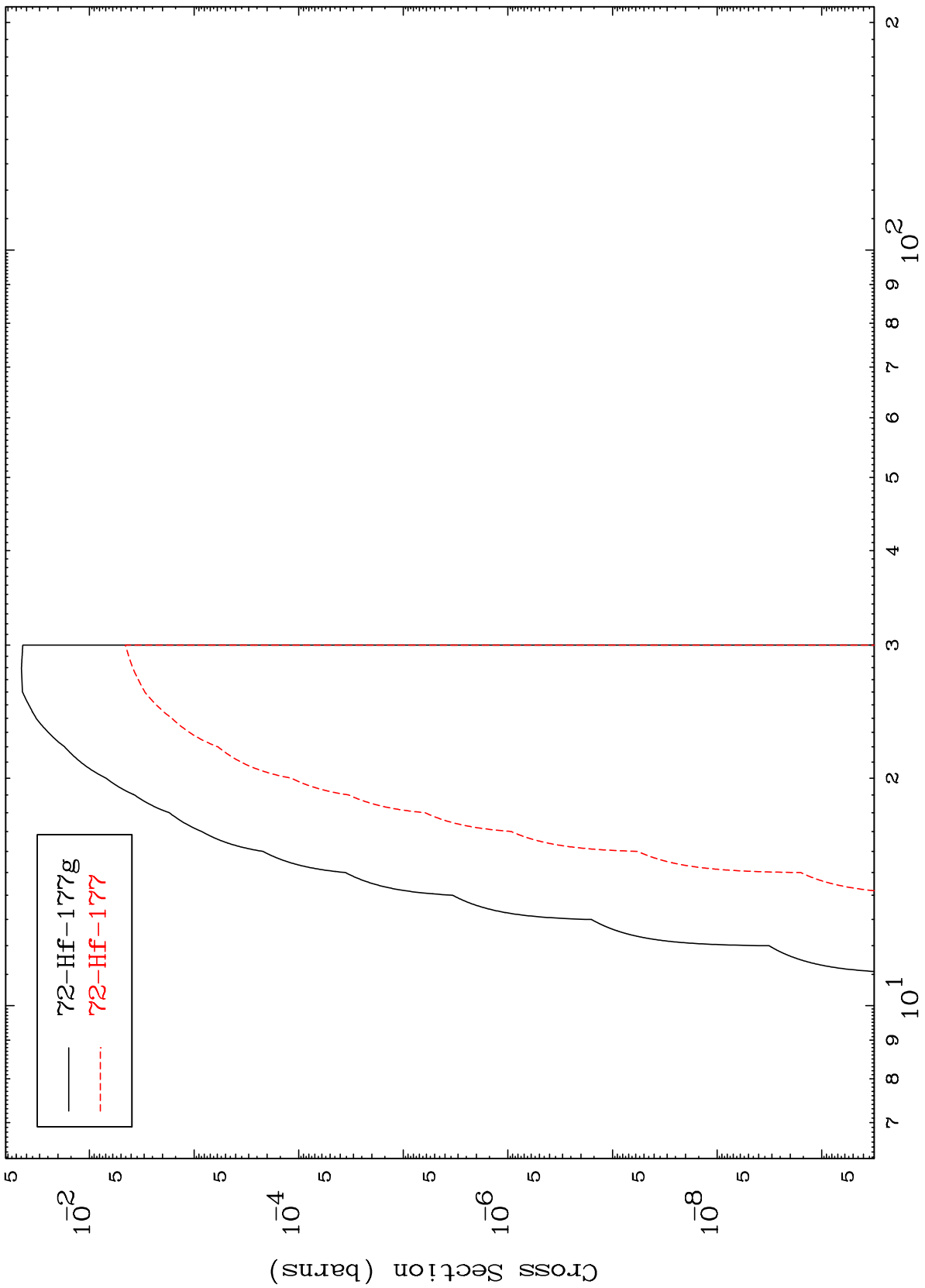
⁷²Hf-178m

MAT 7238

(n,n') t

⁷²Hf-178m

Radionuclide Production Cross Section



Legend:
— 72-Hf-177g
- - - 72-Hf-177

19

Incident Energy (MeV)

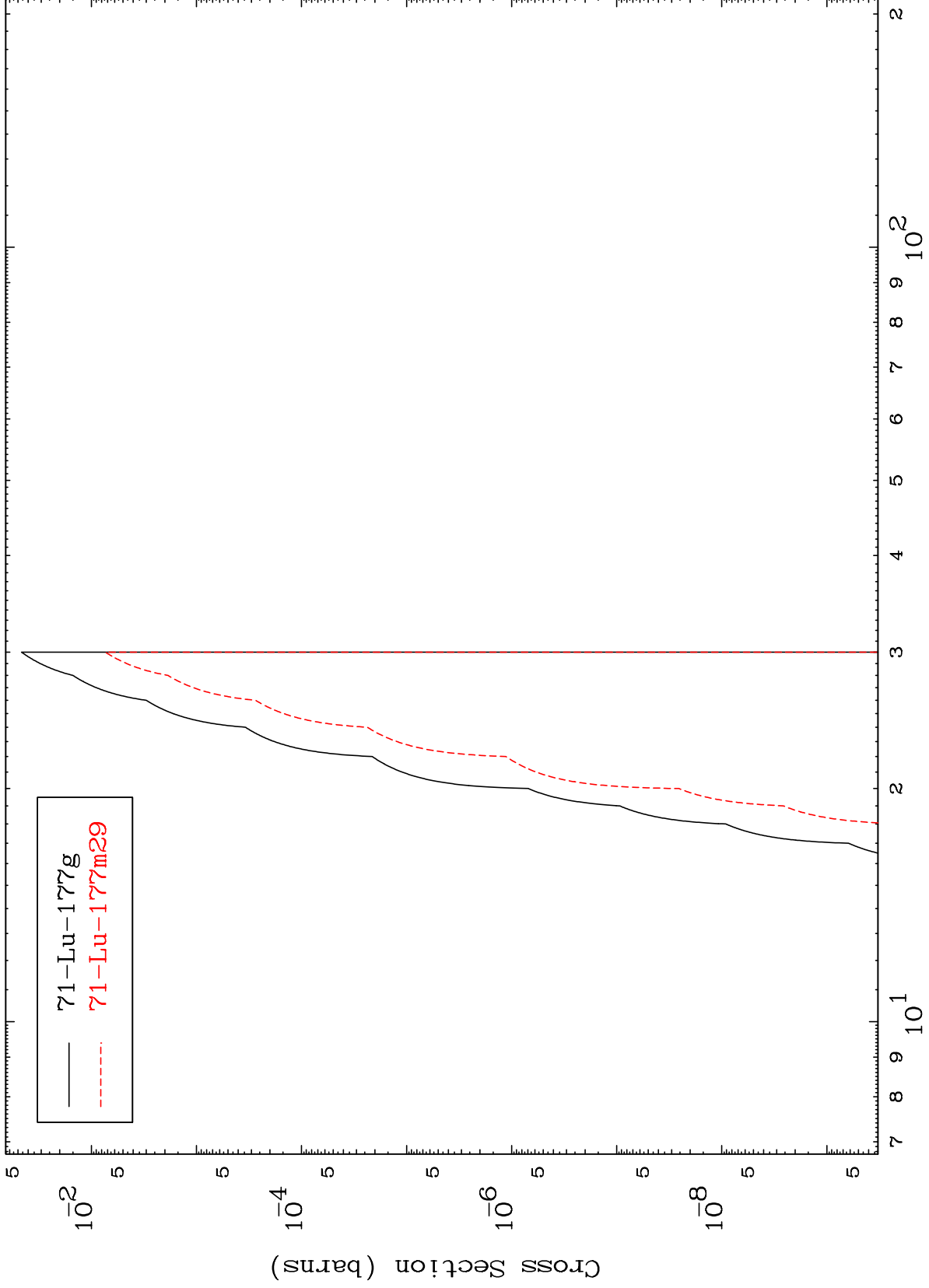
⁷²Hf-178m

MAT 7238

(n,n') He-3

72-Hf-178m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

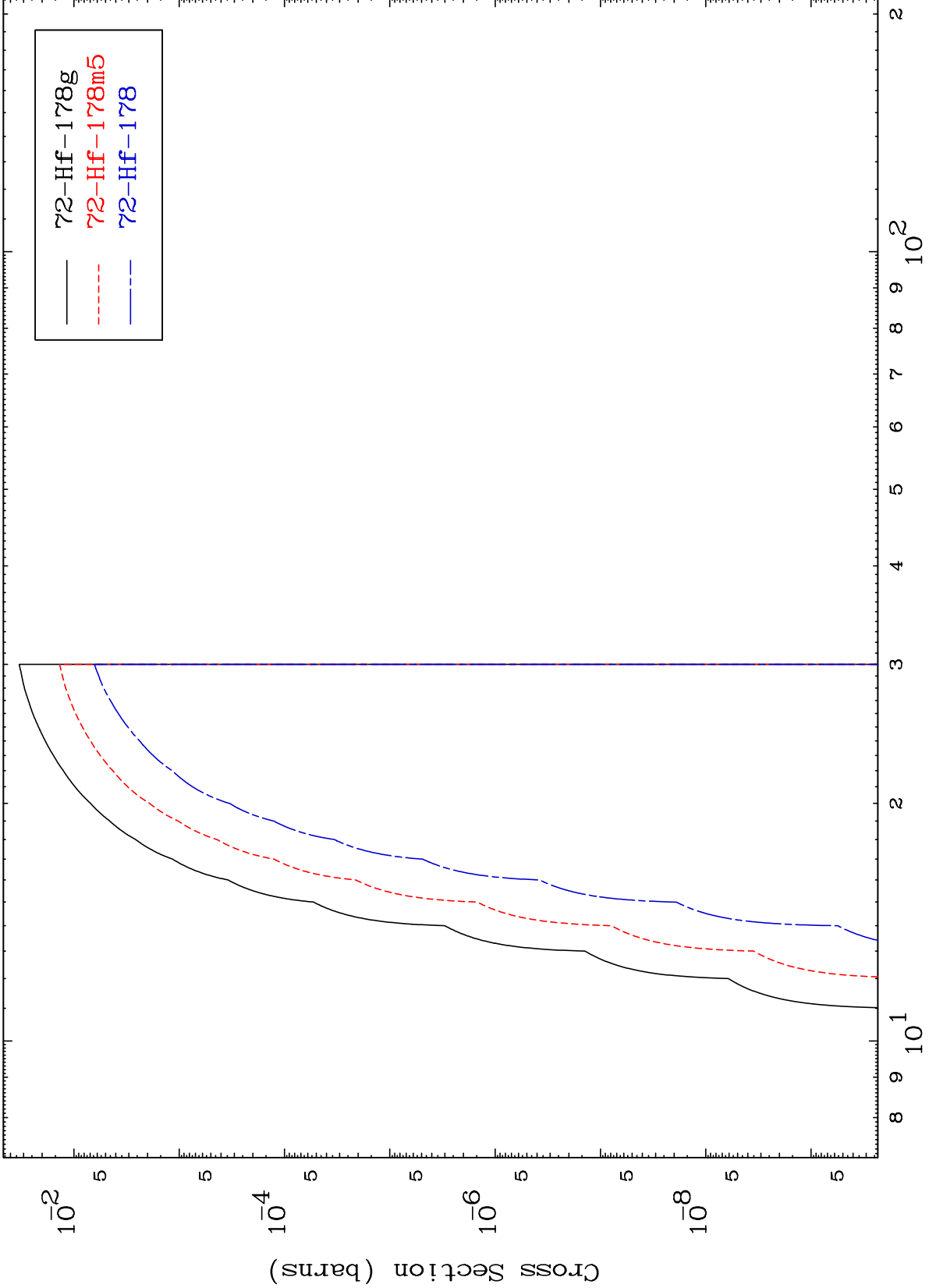
72-Hf-178m

MAT 7238

(n,2n) p

⁷²Hf-178m

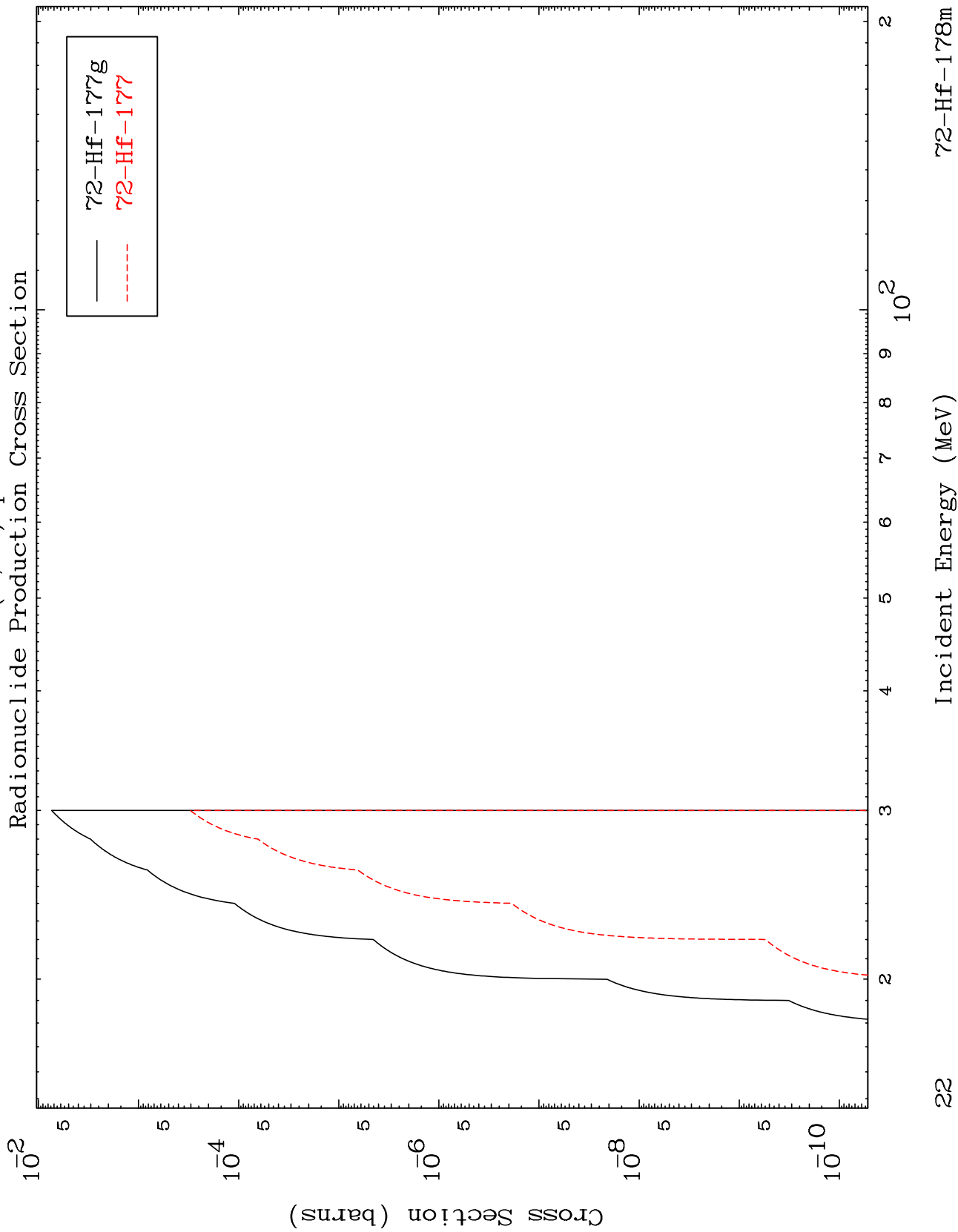
Radionuclide Production Cross Section



MAT 7238

(n,3n) p

⁷²Hf-178m

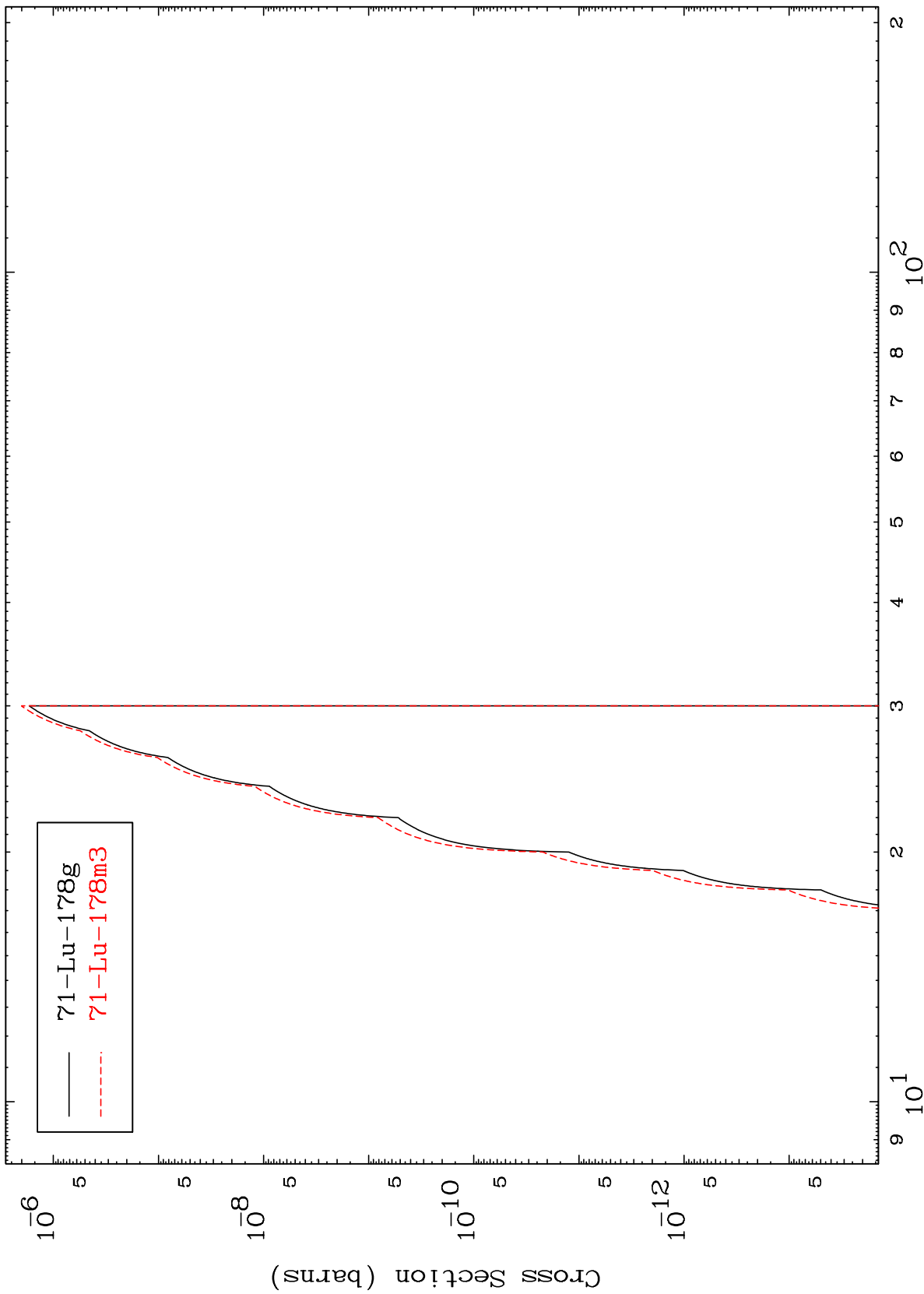


MAT 7238

(n,2n) p

72-Hf-178m

Radionuclide Production Cross Section



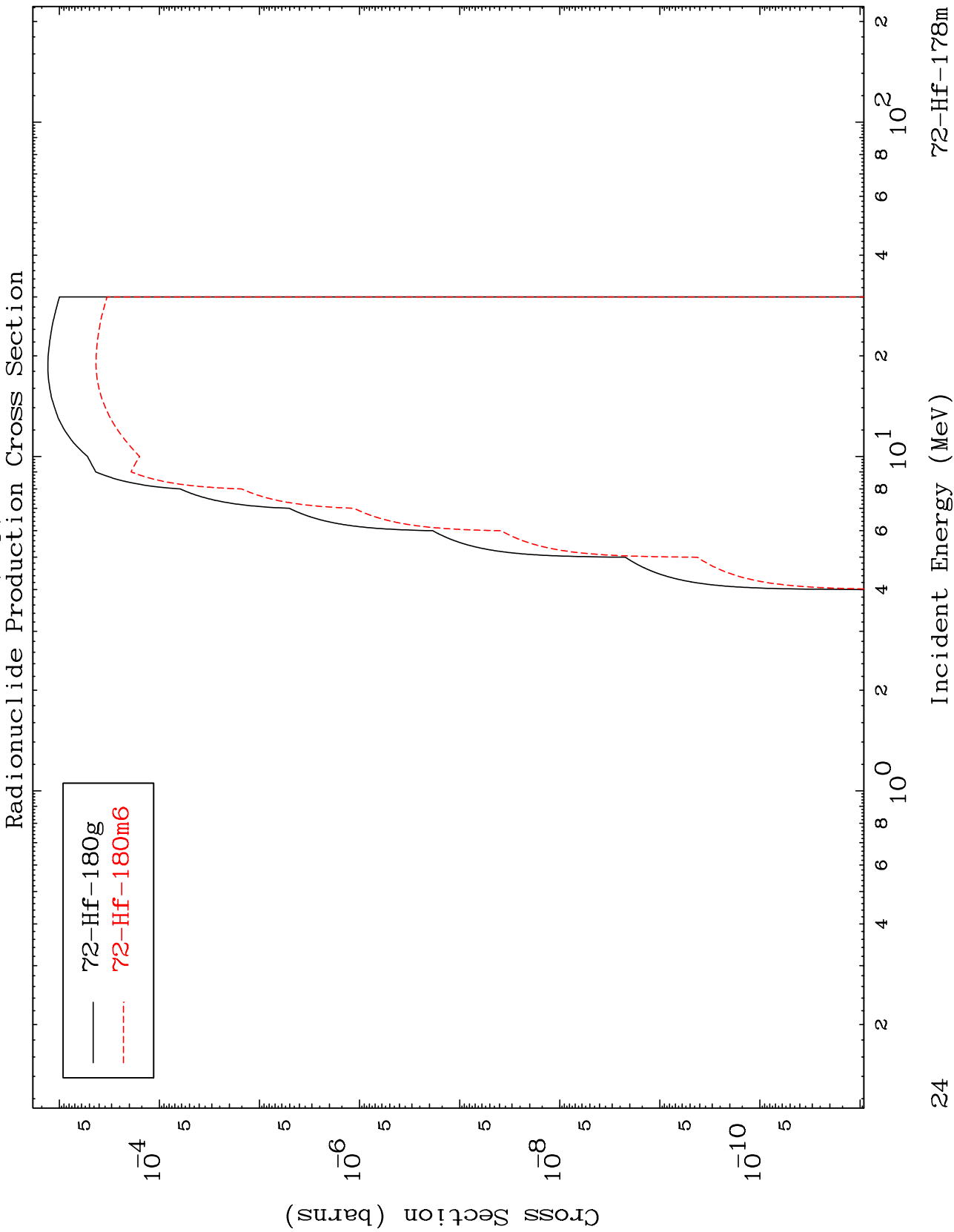
23

Incident Energy (MeV)

72-Hf-178m

MAT 7238

⁷²Hf-178m



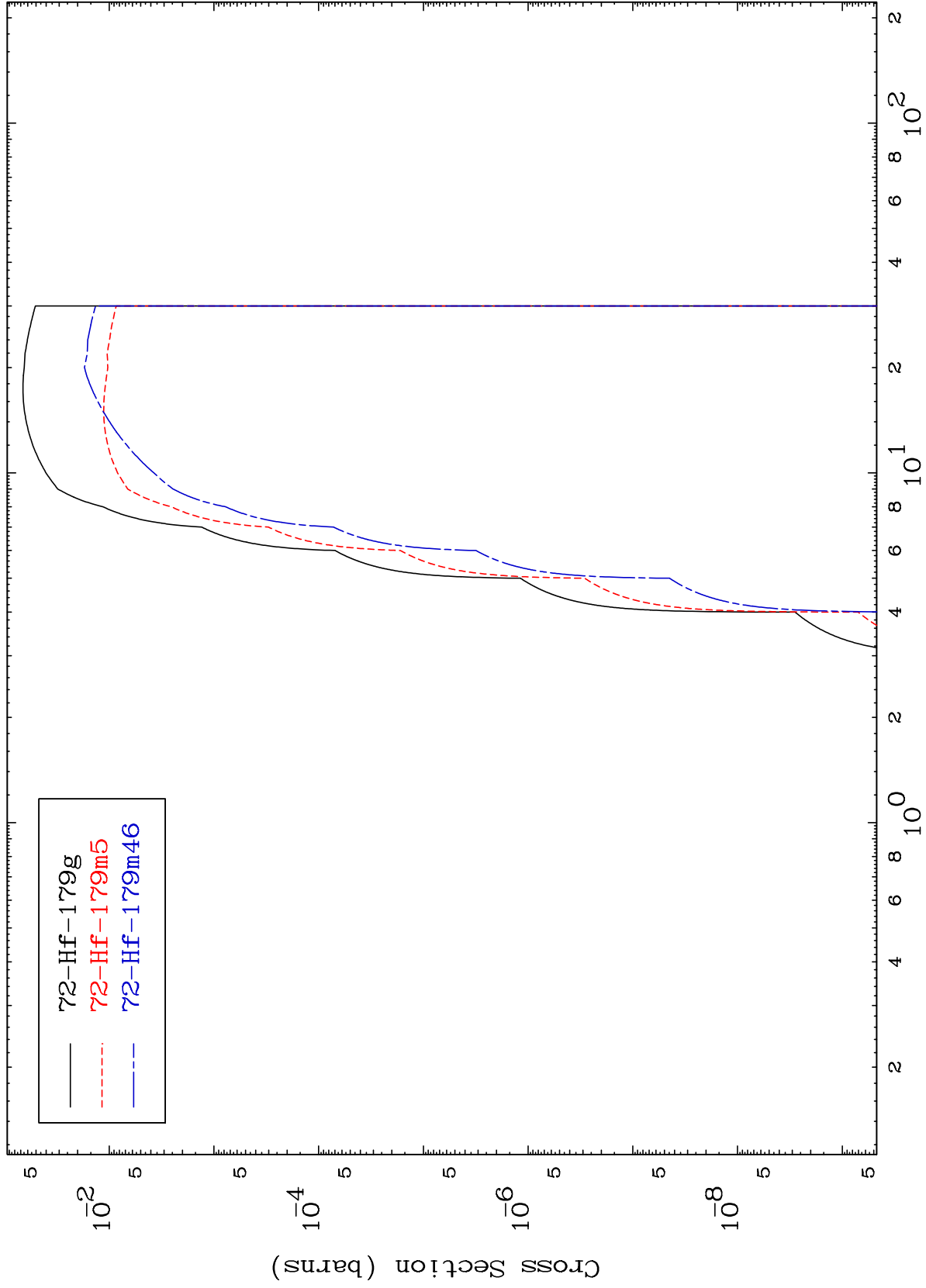
— ⁷²Hf-180g
- - - ⁷²Hf-180m6

MAT 7238

(n, d)

⁷²Hf-178m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

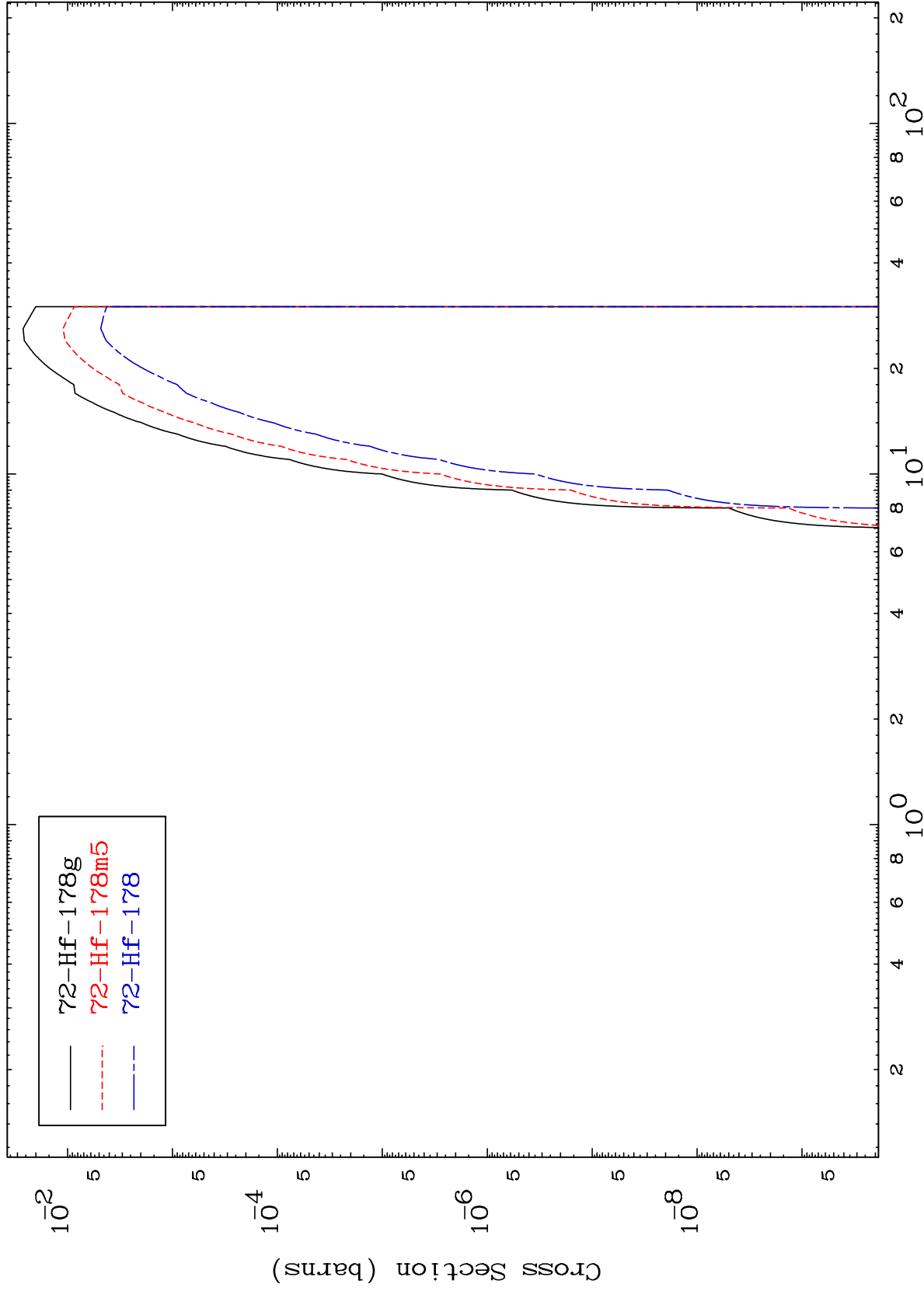
⁷²Hf-178m

MAT 7238

(n, t)

⁷²Hf-178m

Radionuclide Production Cross Section

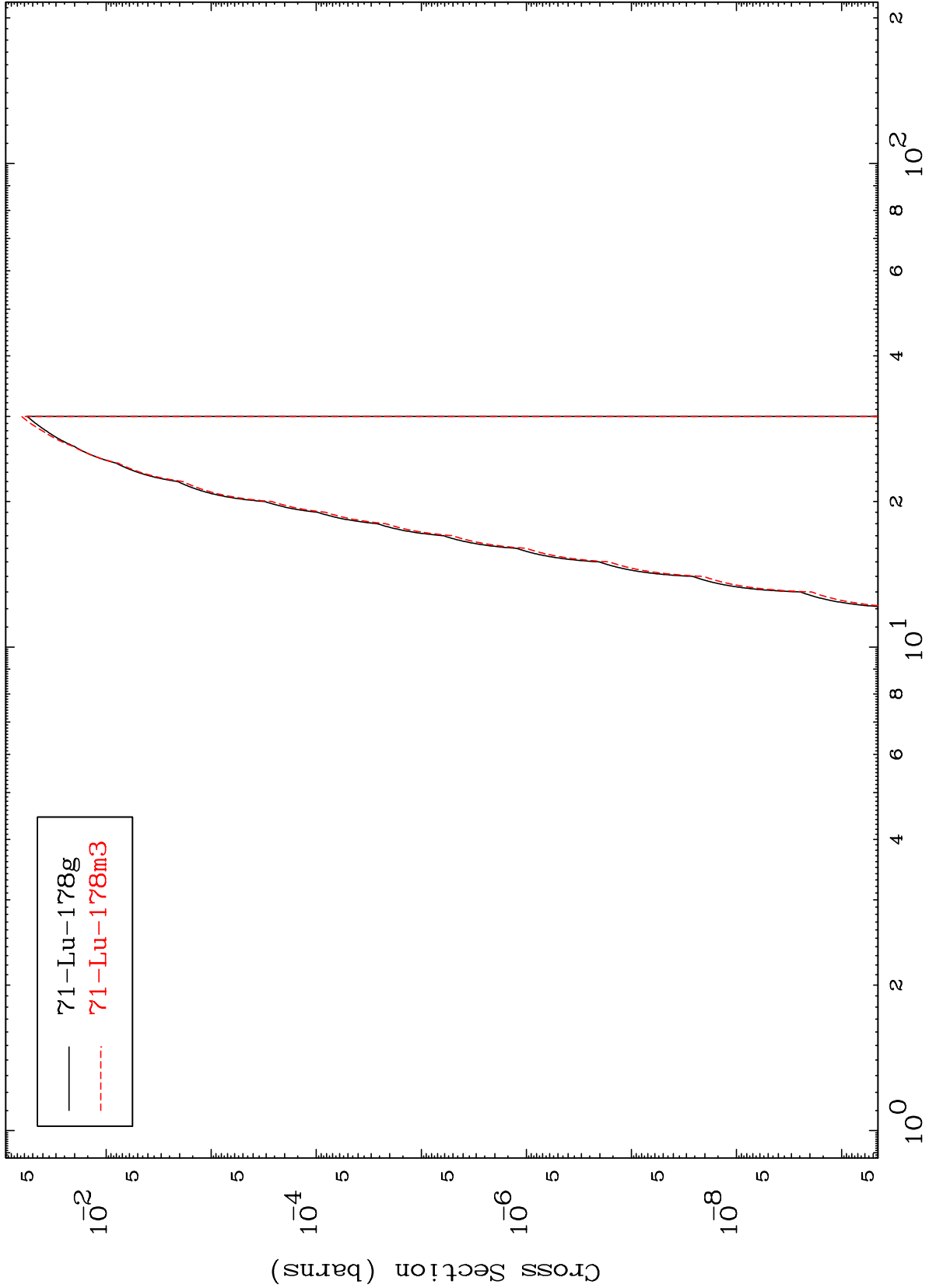


MAT 7238

(n,He-3)

72-Hf-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

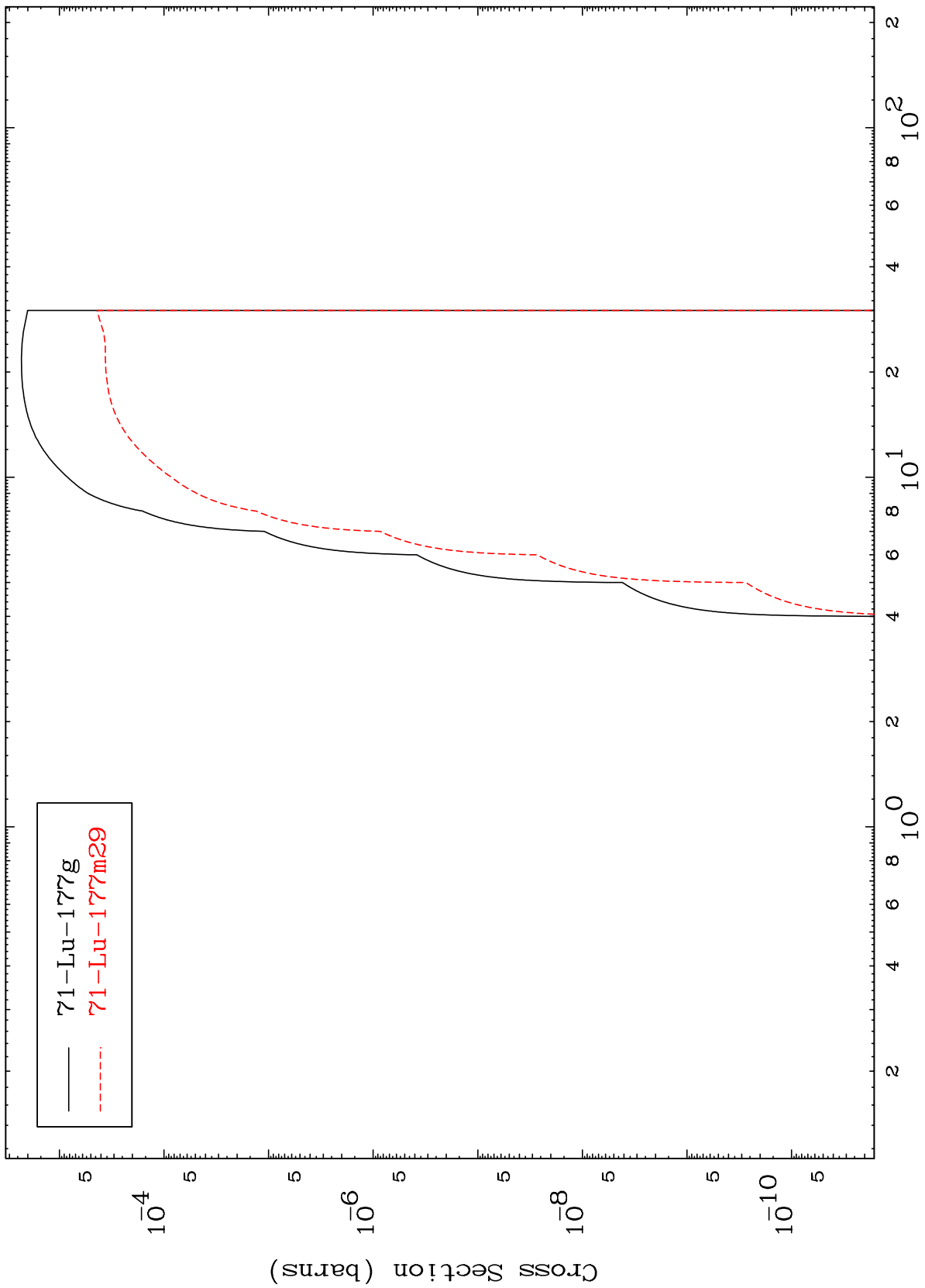
72-Hf-178m

27

MAT 7238

72-Hf-178m

Radionuclide Production Cross Section



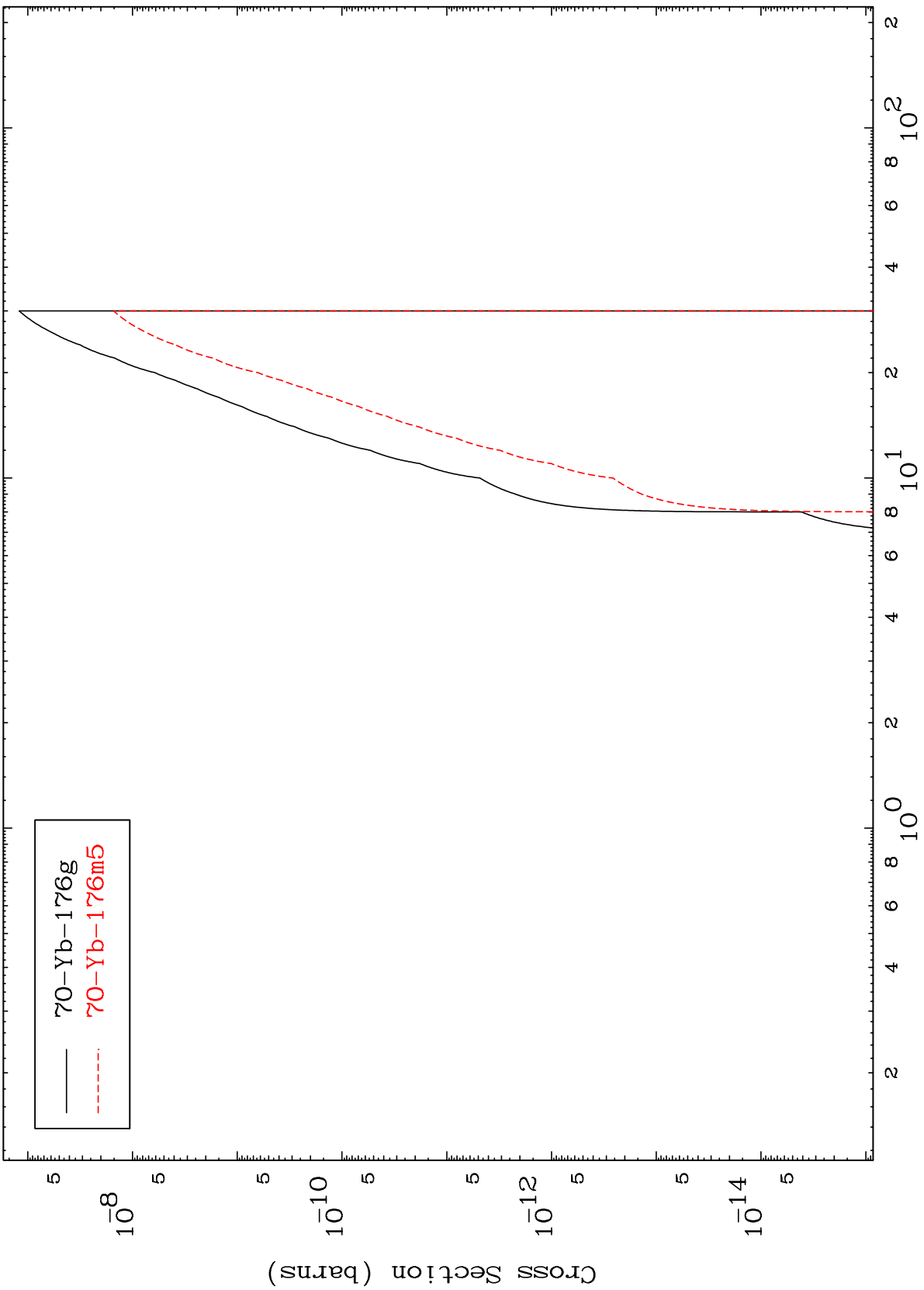
71-Lu-177g
71-Lu-177m29

MAT 7238

(n,p) α

$^{72}\text{Hf}-178\text{m}$

Radionuclide Production Cross Section



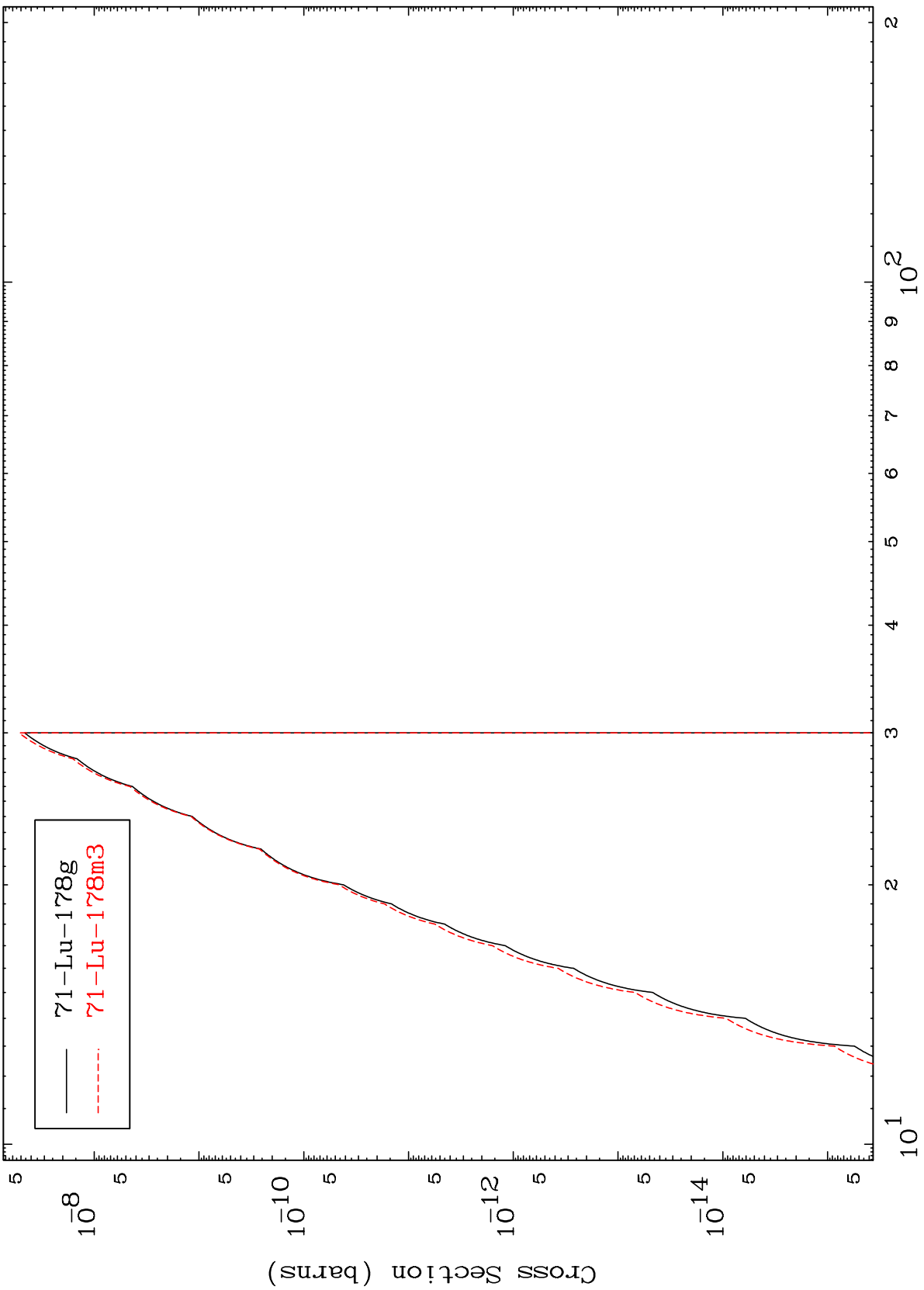
— $^{70}\text{Yb}-176\text{g}$
- - - $^{70}\text{Yb}-176\text{m5}$

MAT 7238

(n,p) d

72-Hf-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

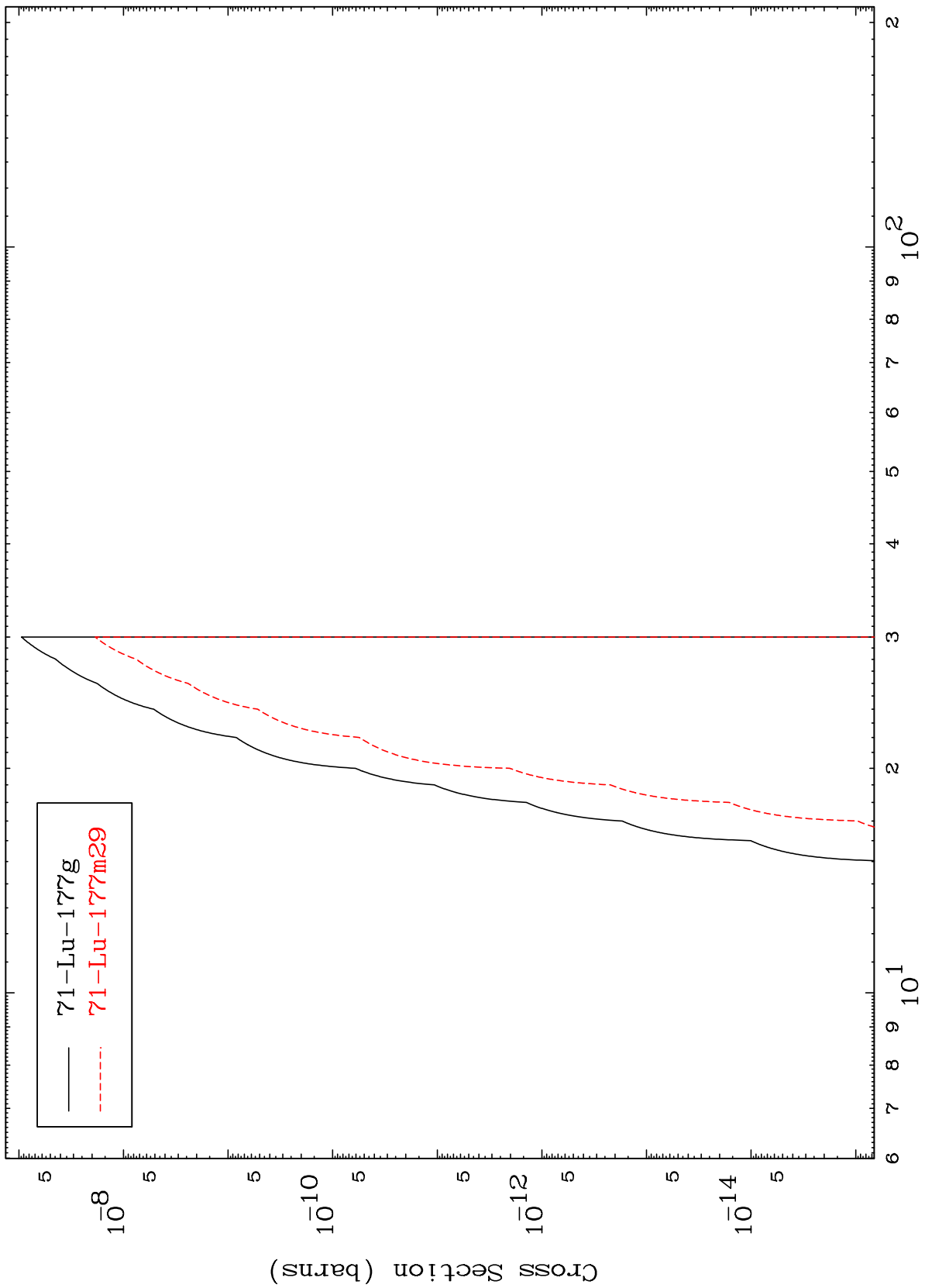
72-Hf-178m

MAT 7238

(n,p) t

⁷²Hf-178m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

⁷²Hf-178m