

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

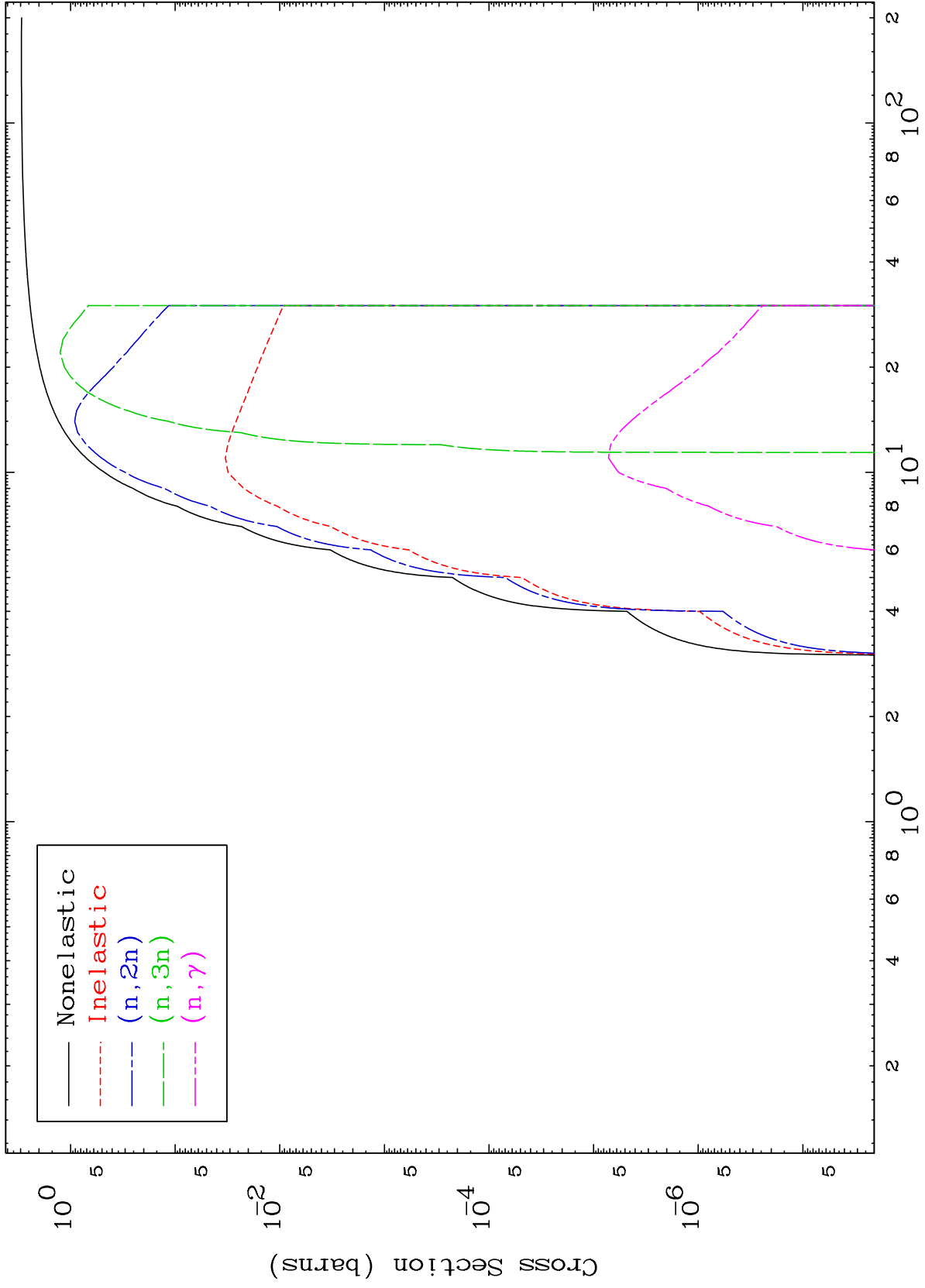
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7235

Deuteron Major
0 Kelvin Cross Sections

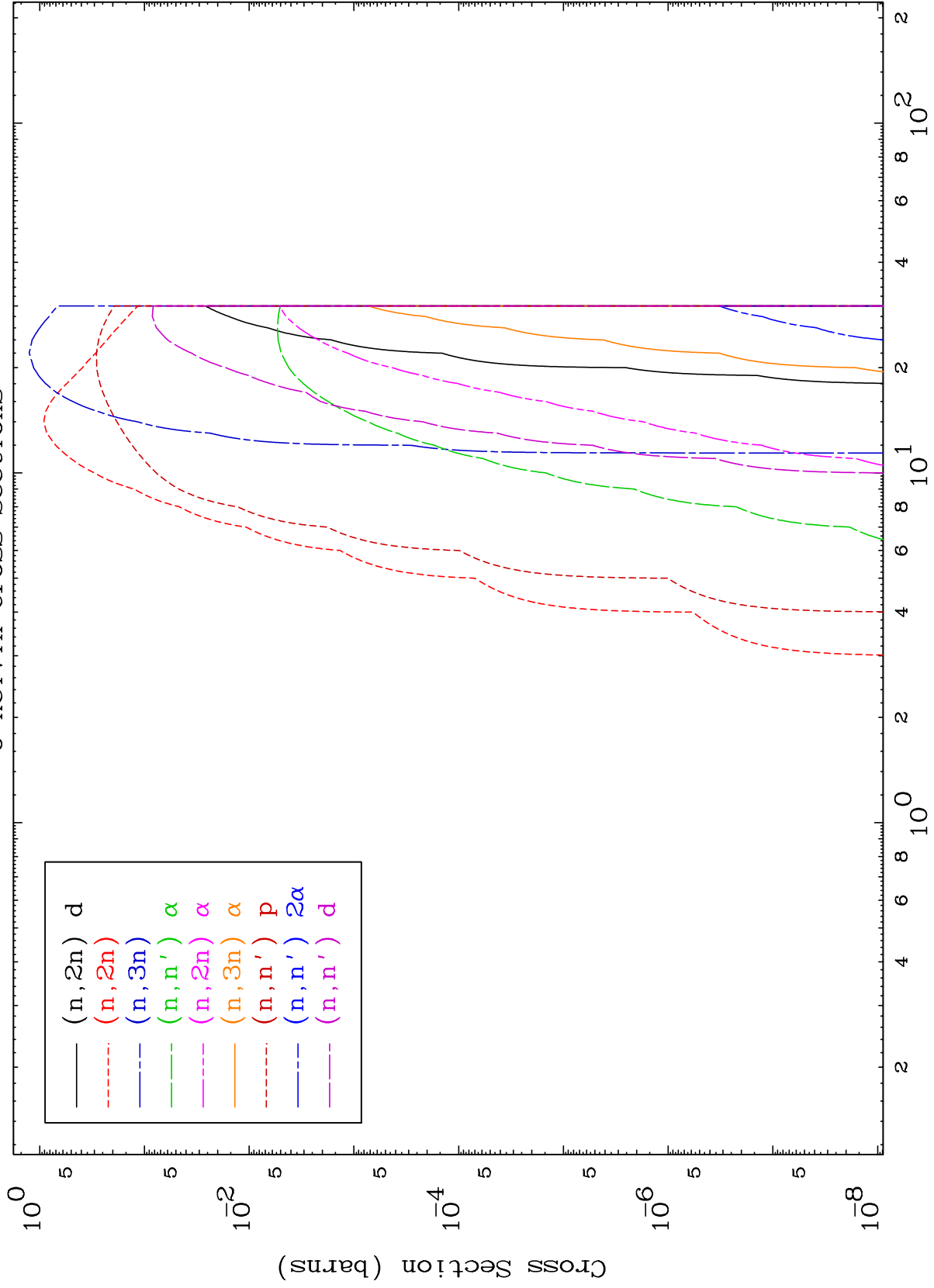
72-Hf-177m



MAT 7235

Deuteron Neutron Absorption
0 Kelvin Cross Sections

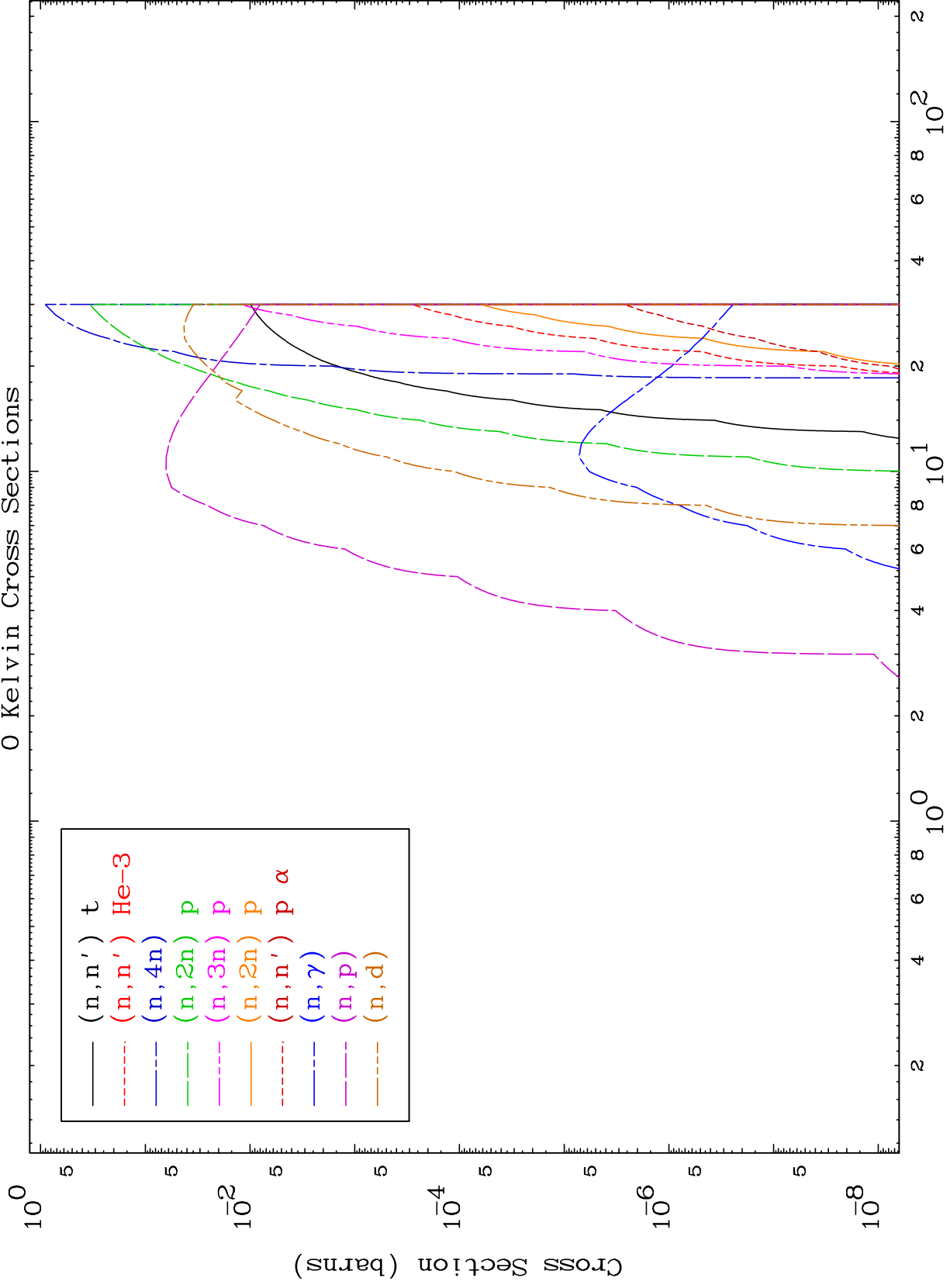
⁷²Hf-177m



MAT 7235

Deuteron Neutron Absorption
0 Kelvin Cross Sections

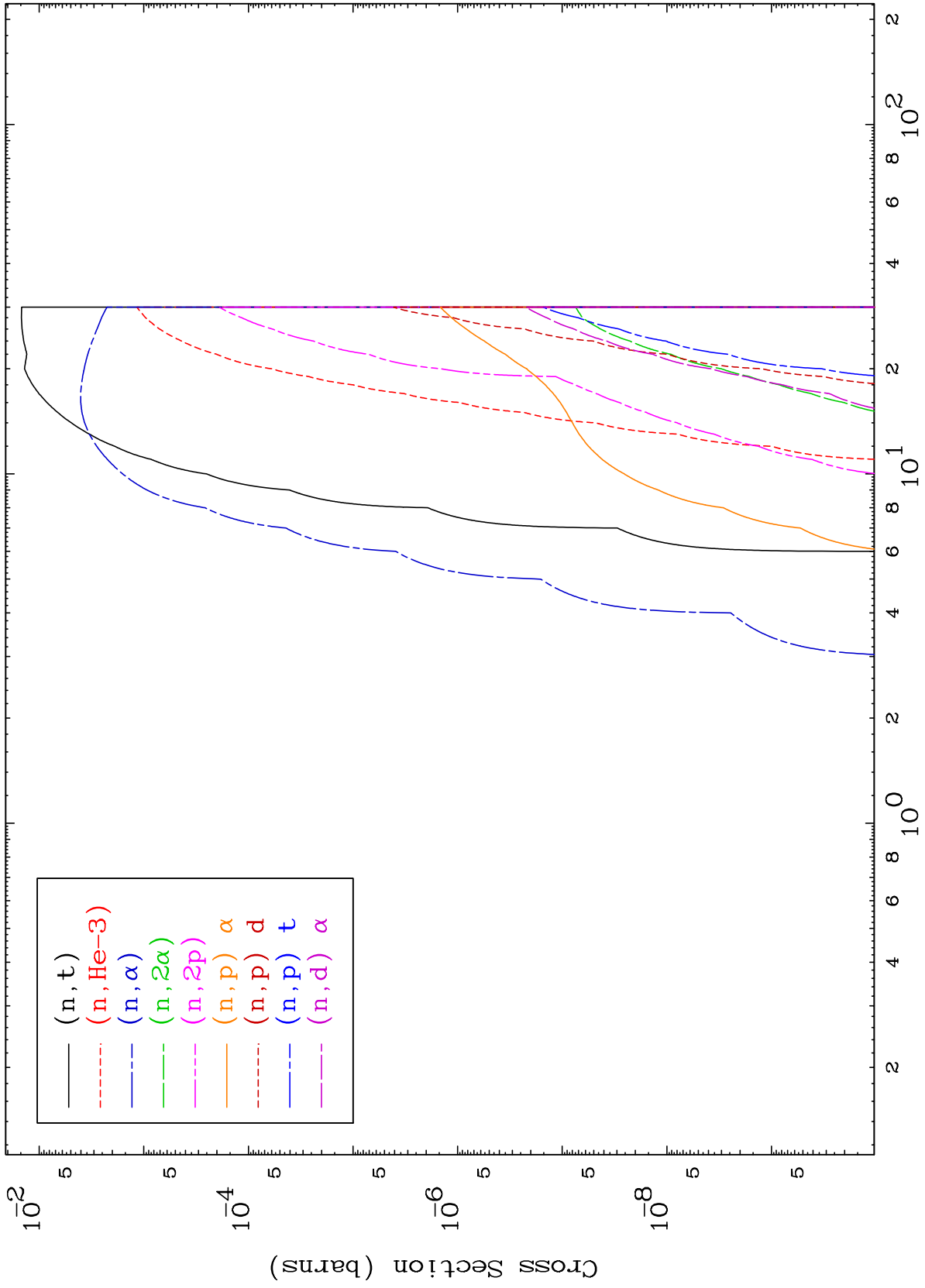
72-Hf-177m

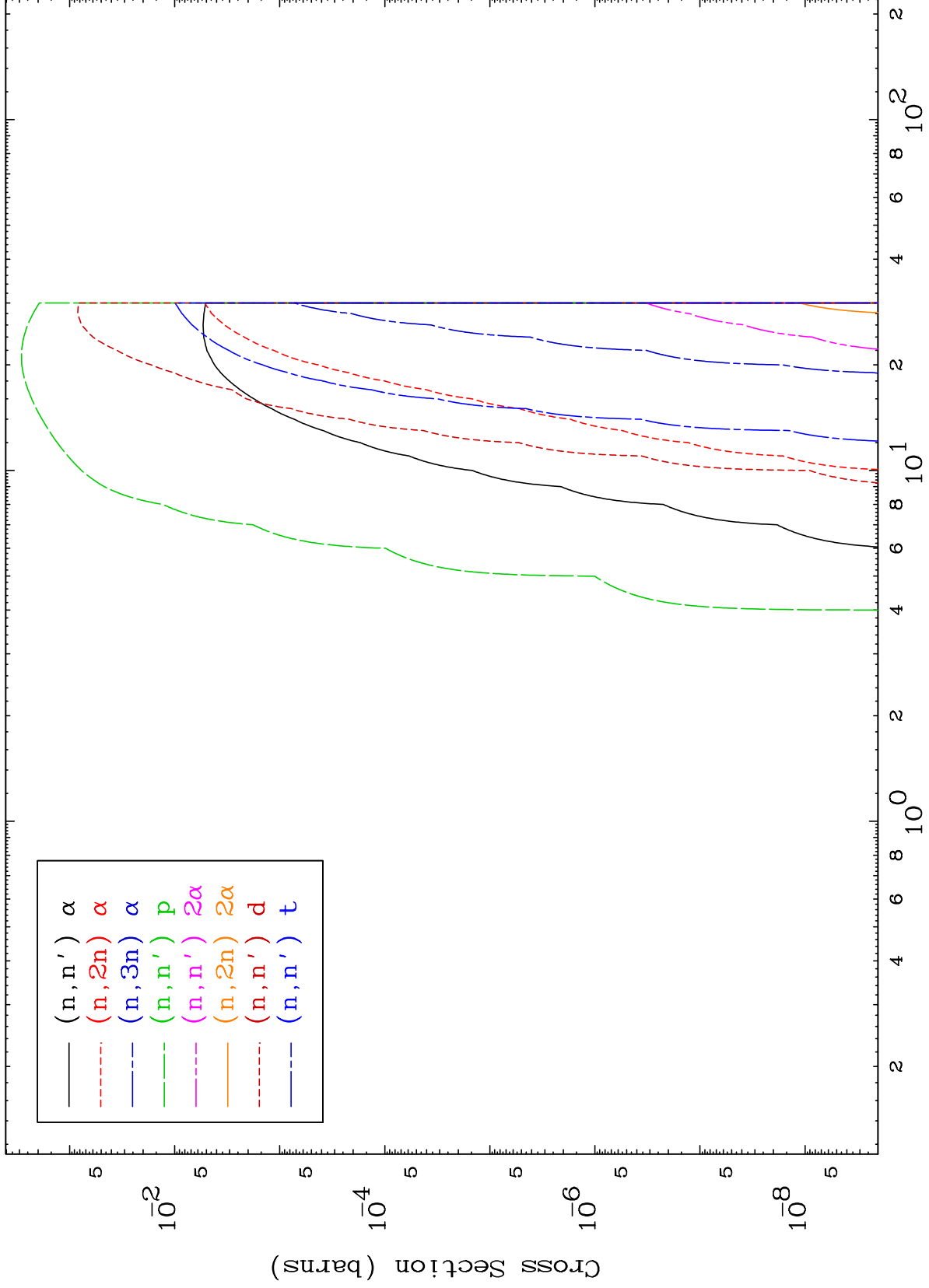


MAT 7235

Deuteron Neutron Absorption
0 Kelvin Cross Sections

72-Hf-177m

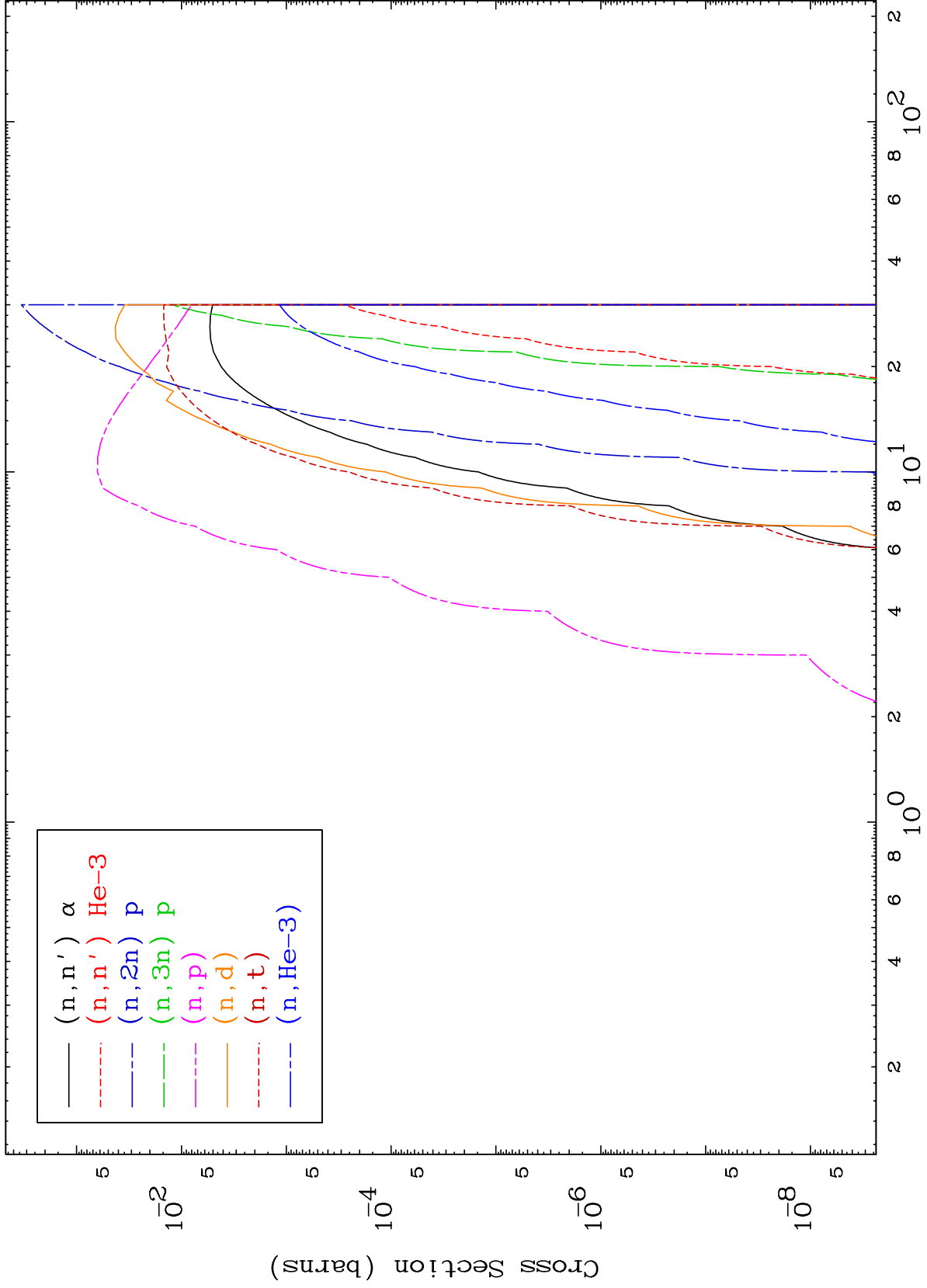




MAT 7235

Deuteron Charged Particle
0 Kelvin Cross Sections

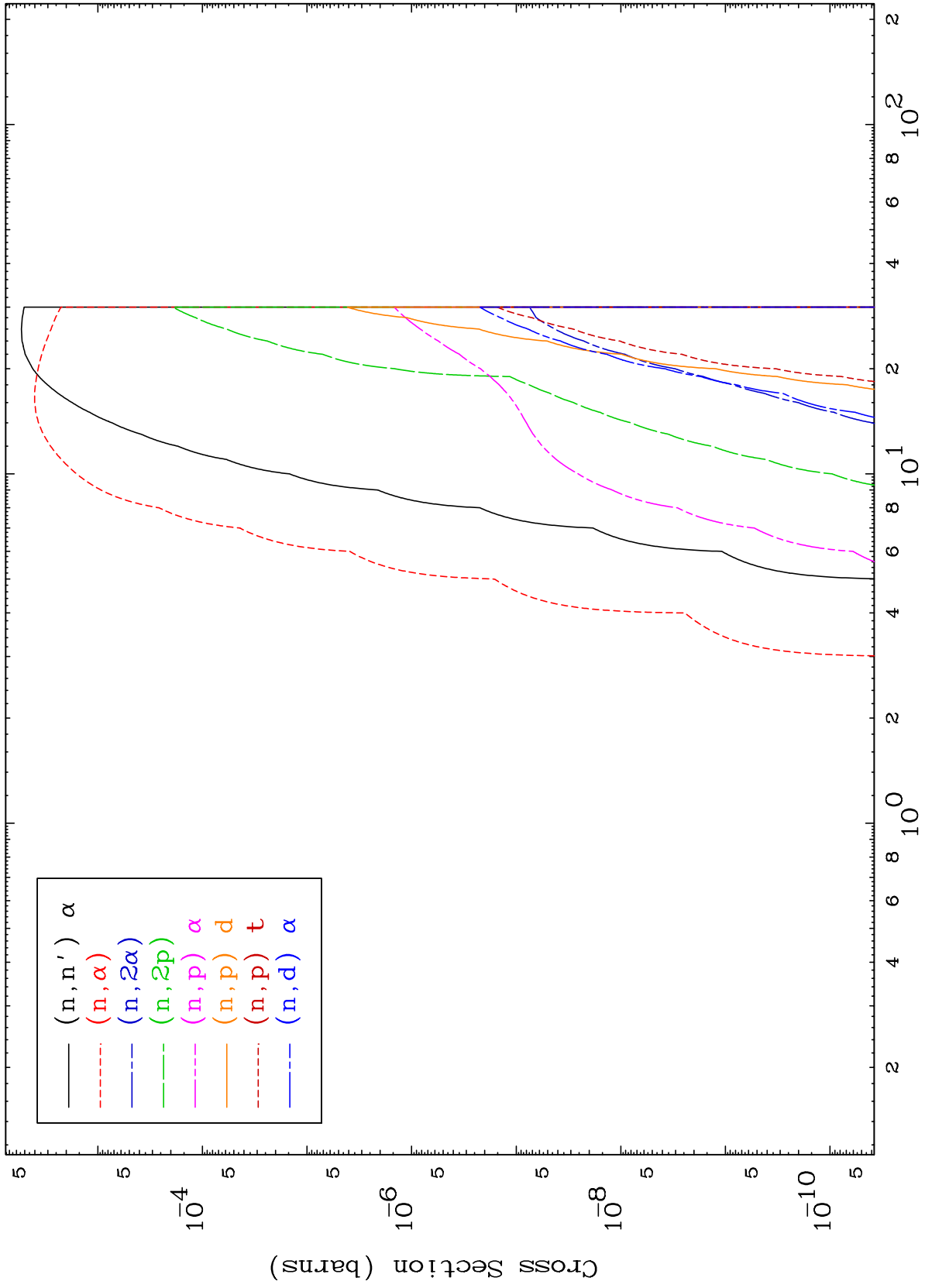
⁷²Hf-177m



MAT 7235

Deuteron Charged Particle
0 Kelvin Cross Sections

72-Hf-177m

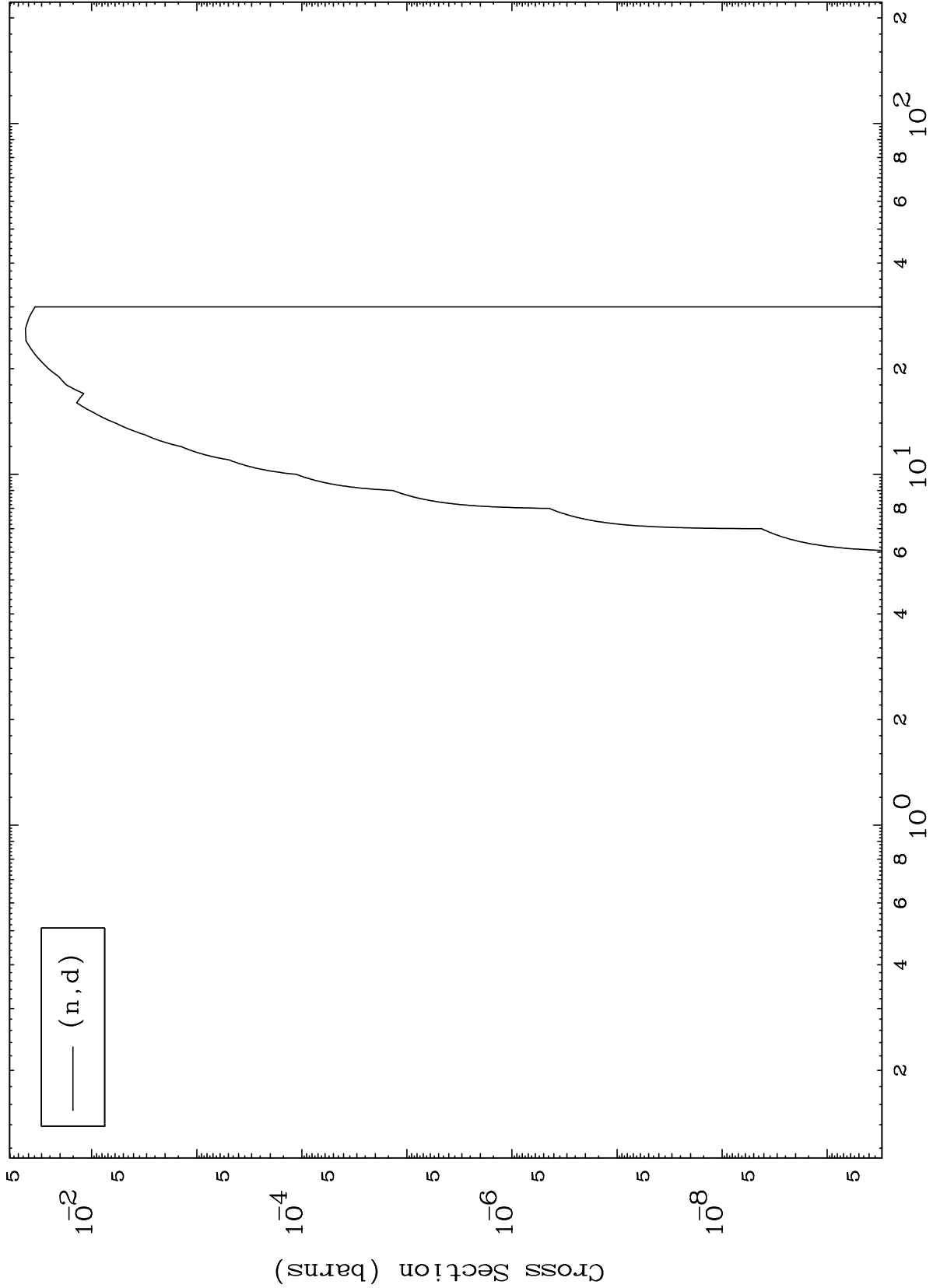


MAT 7235

(d,d) Levels

72-Hf-177m

0 Kelvin Cross Sections

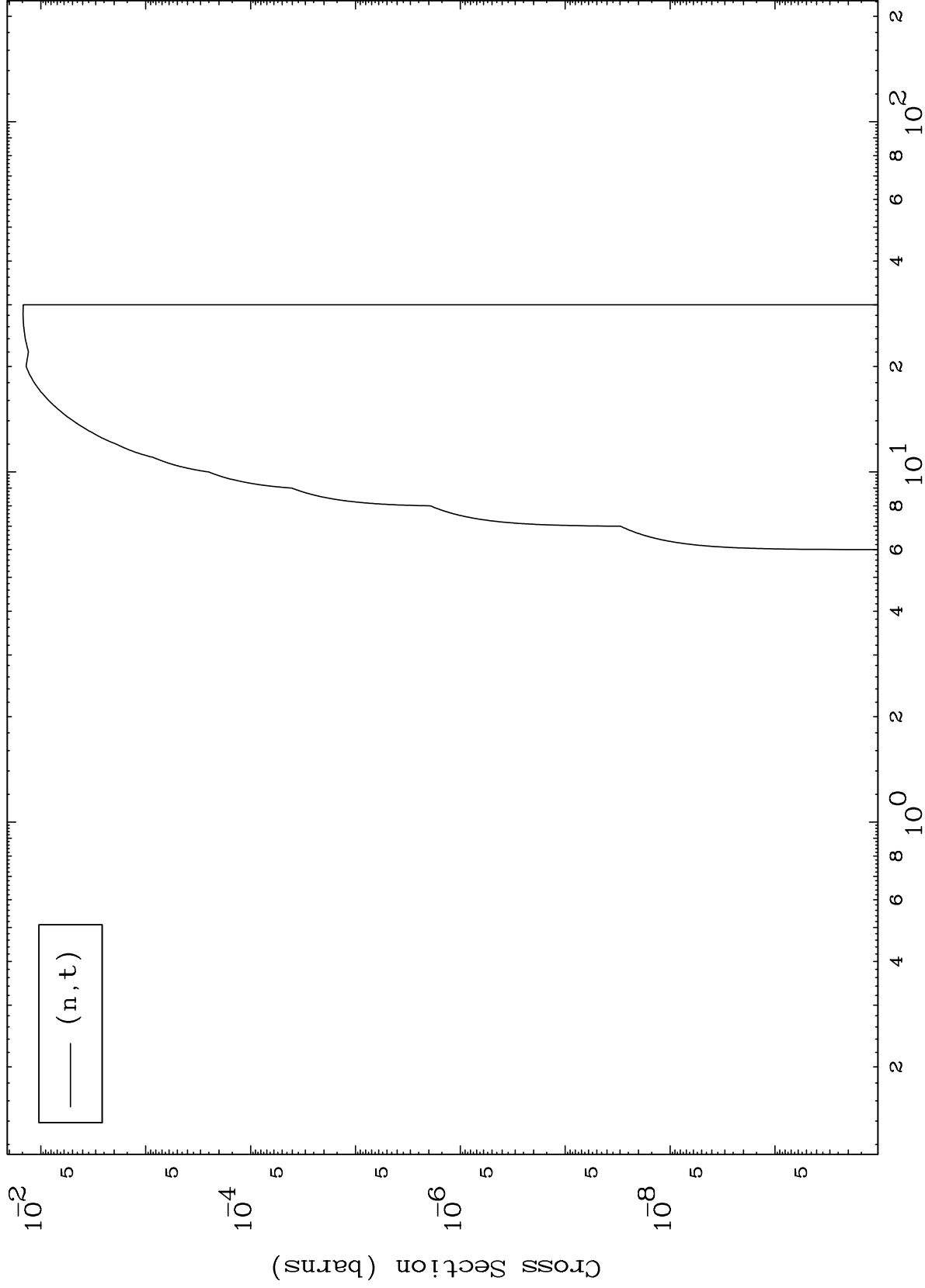


MAT 7235

(d,t) Levels

72-Hf-177m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

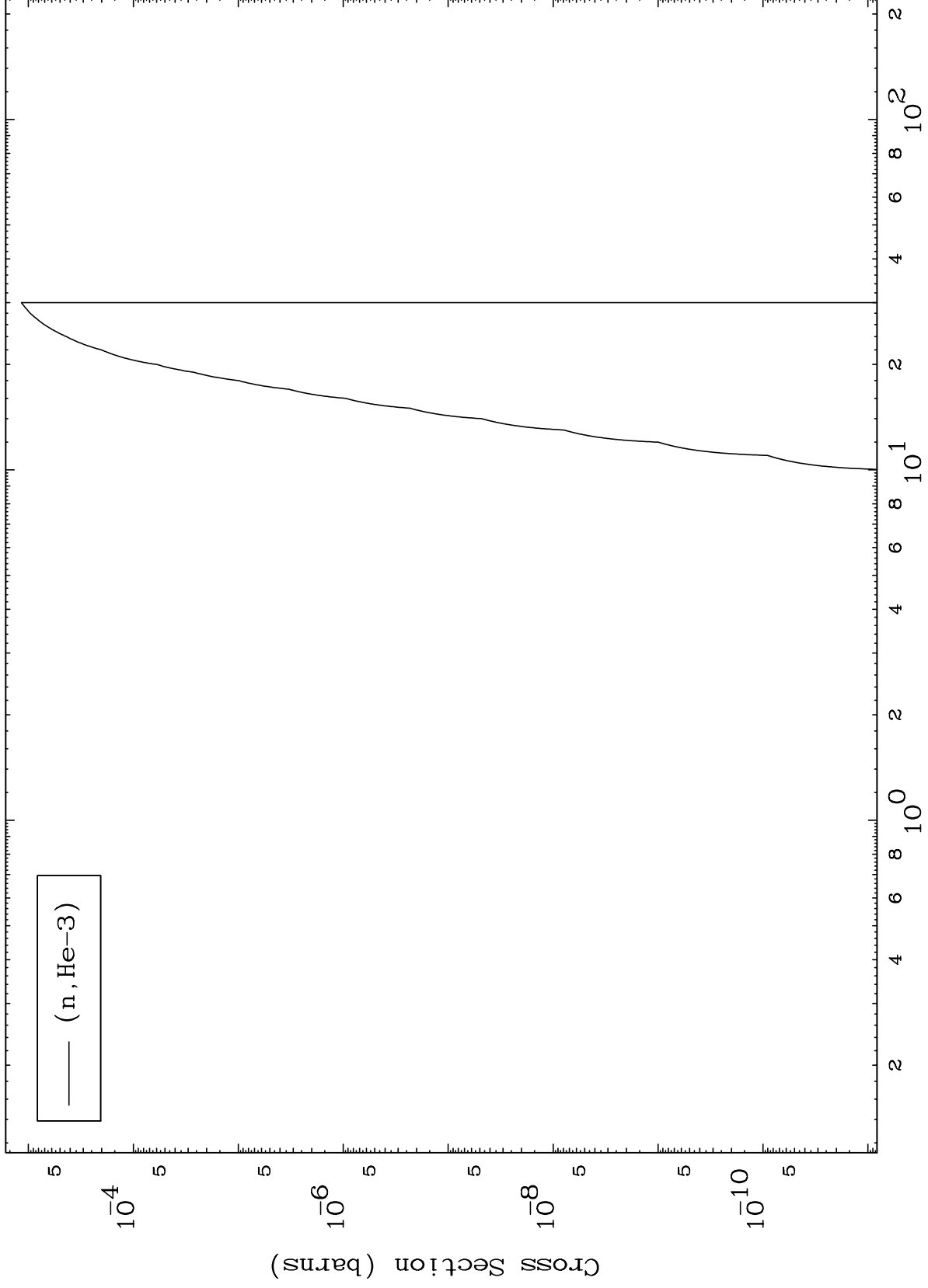
72-Hf-177m

MAT 7235

(d,He3) Levels

72-Hf-177m

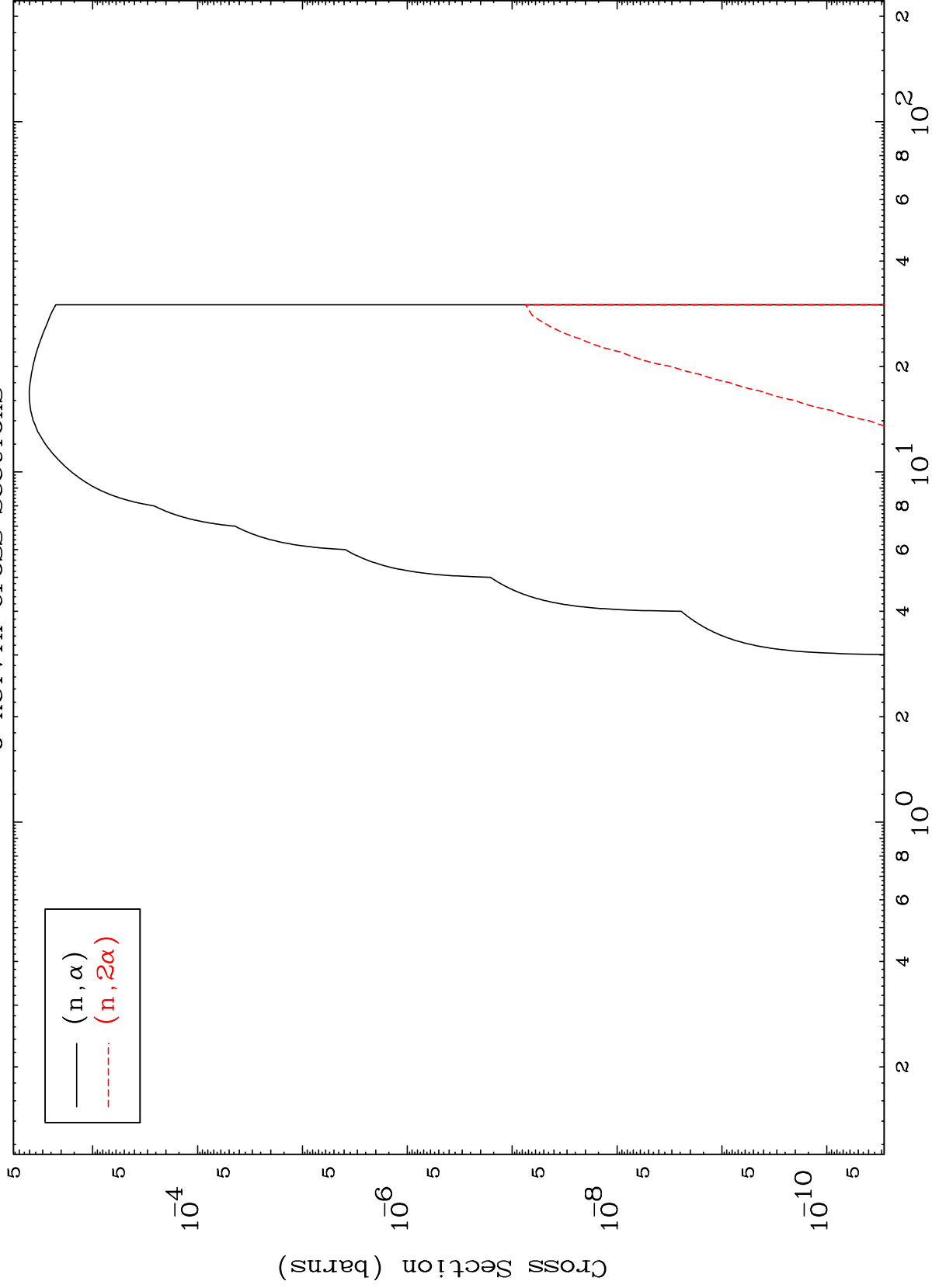
0 Kelvin Cross Sections



MAT 7235

(d, α) Levels
0 Kelvin Cross Sections

72-Hf-177m



12

Incident Energy (MeV)

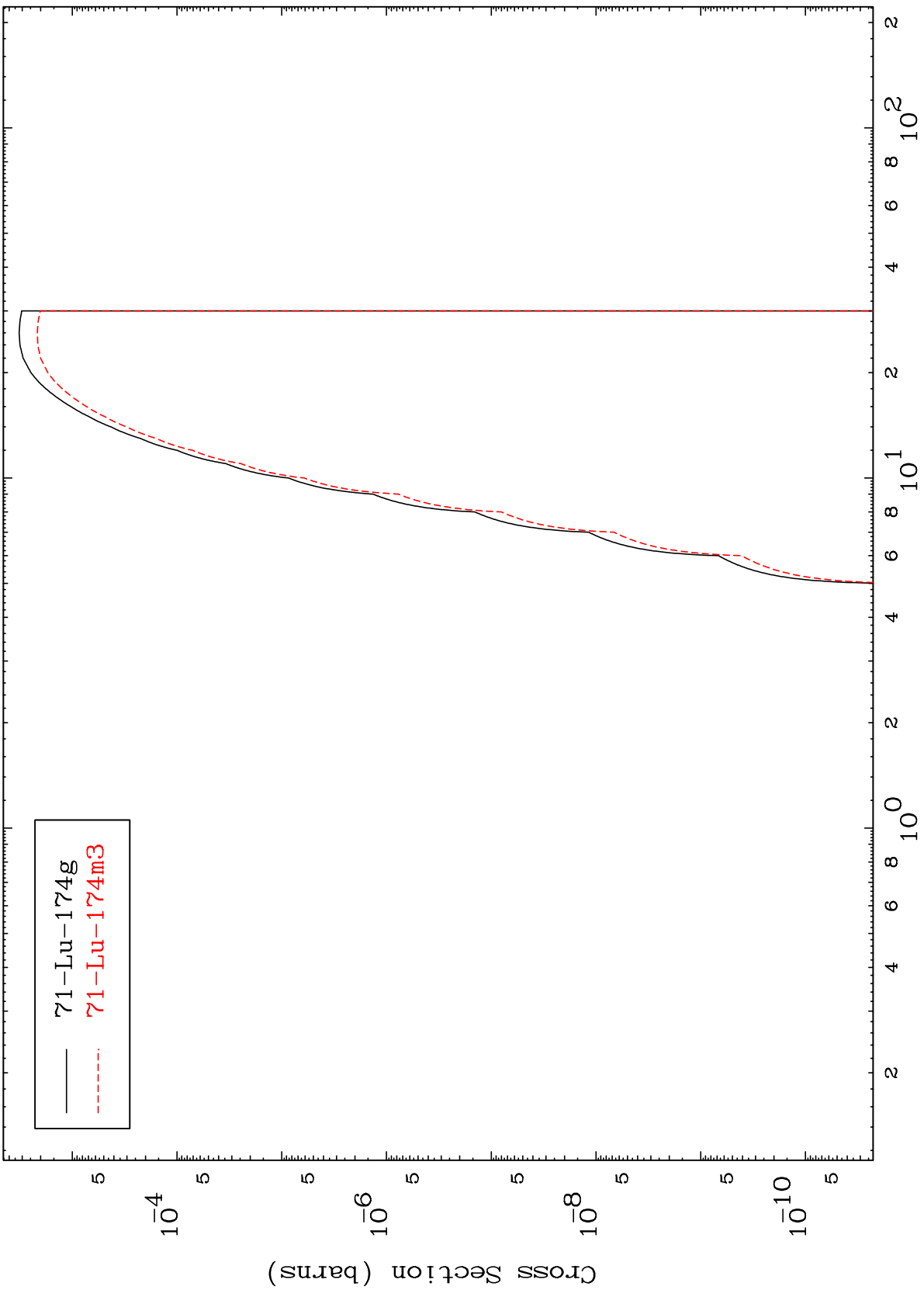
72-Hf-177m

MAT 7235

$(n, n') \alpha$

$^{72}\text{Hf}-177\text{m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

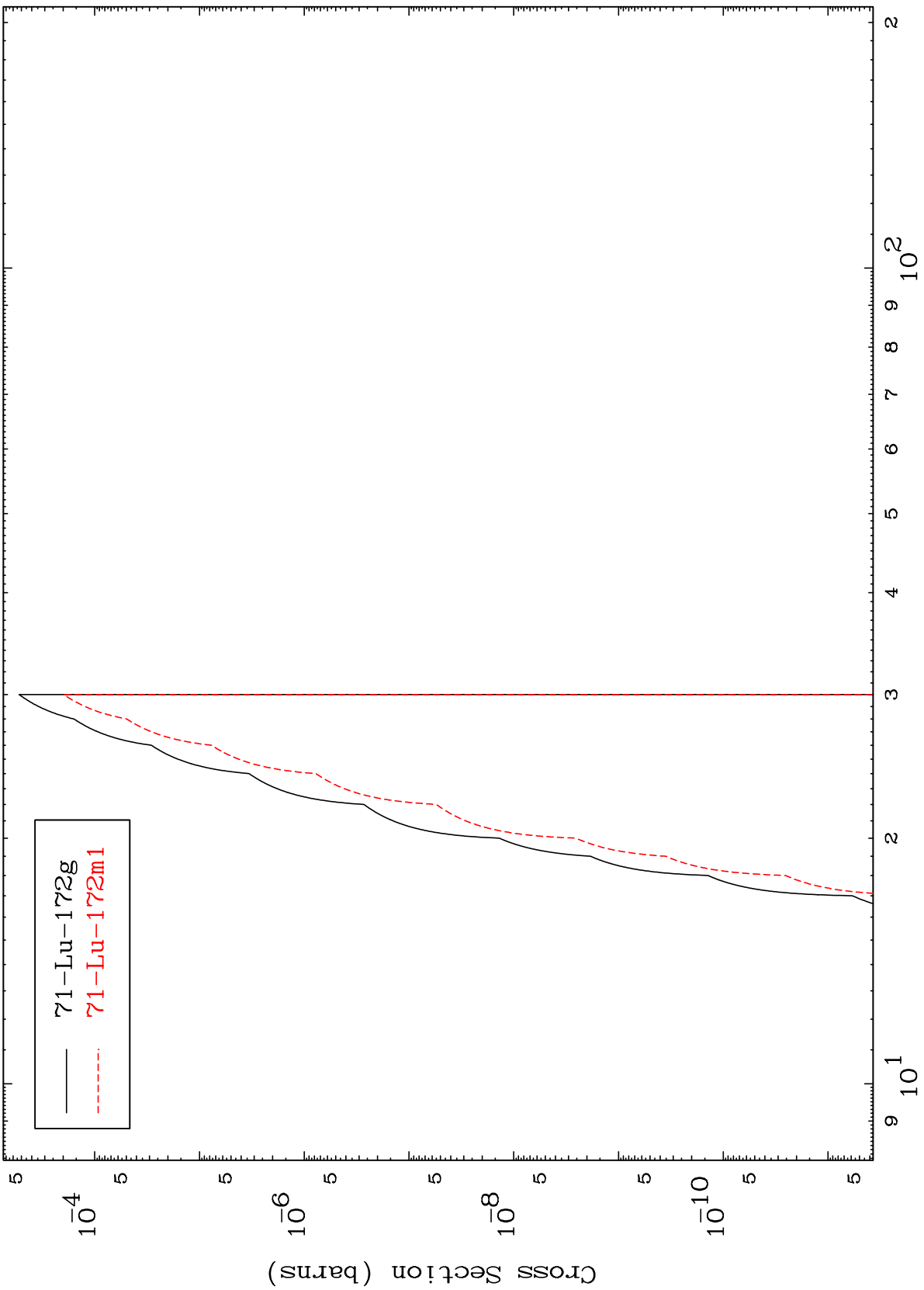
$^{72}\text{Hf}-177\text{m}$

MAT 7235

(n,3n) α

⁷²Hf-¹⁷⁷m

Radionuclide Production Cross Section



— 71-Lu-172g
- - - 71-Lu-172m1

14

Incident Energy (MeV)

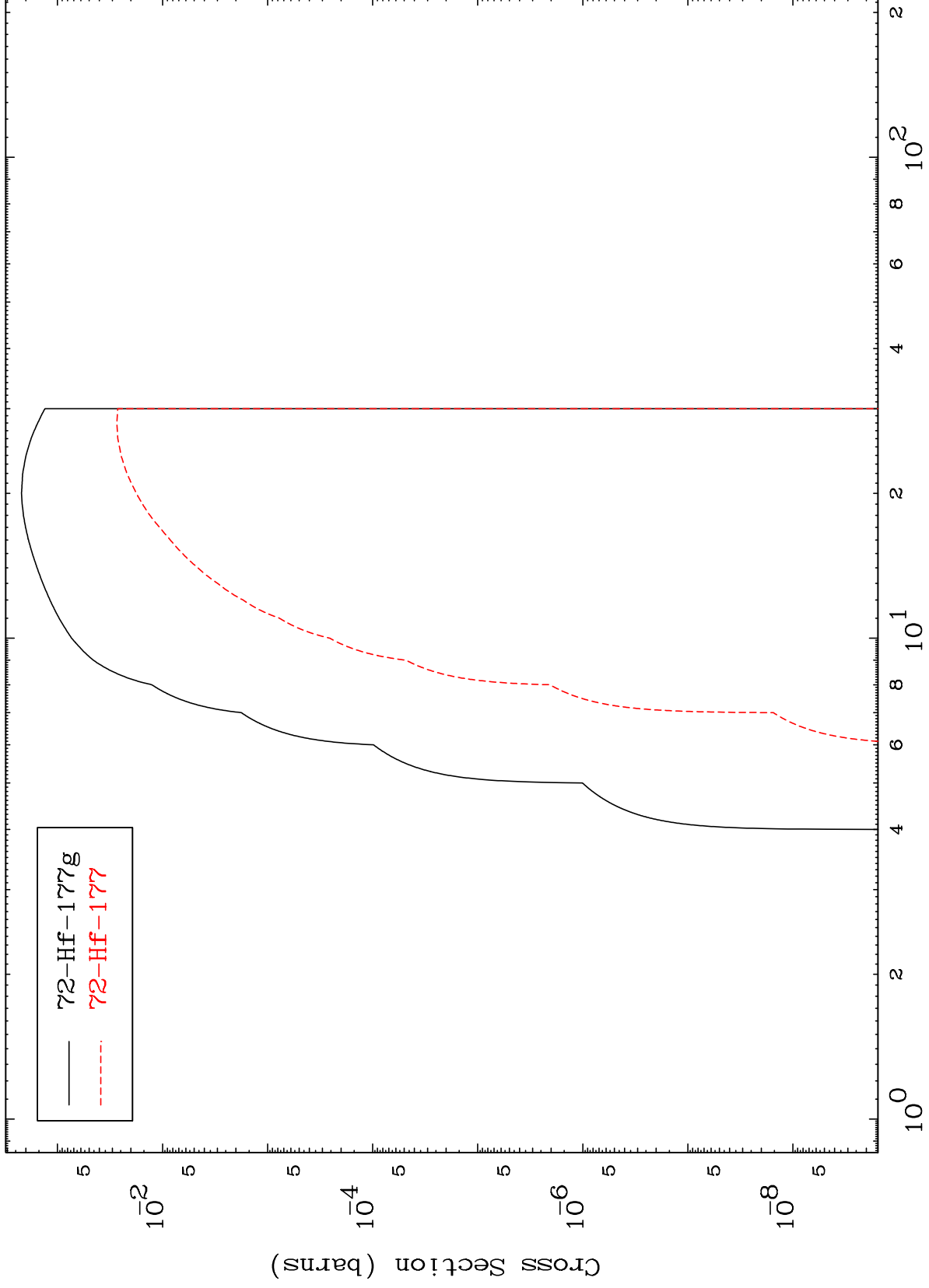
⁷²Hf-¹⁷⁷m

MAT 7235

(n,n') p

⁷²Hf-177m

Radionuclide Production Cross Section



Incident Energy (MeV)

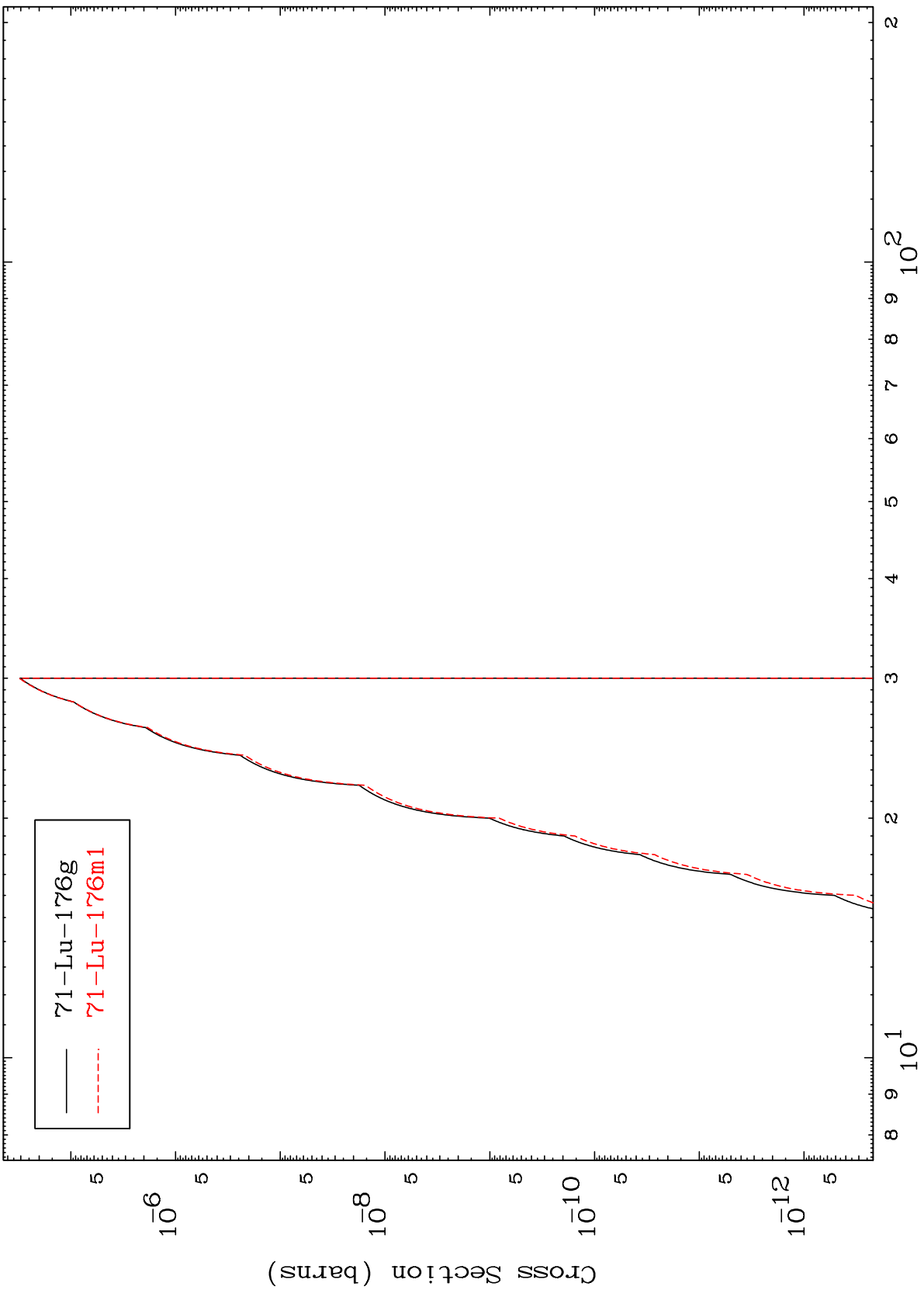
⁷²Hf-177m

MAT 7235

(n,2n) p

⁷²Hf-177m

Radionuclide Production Cross Section



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

16

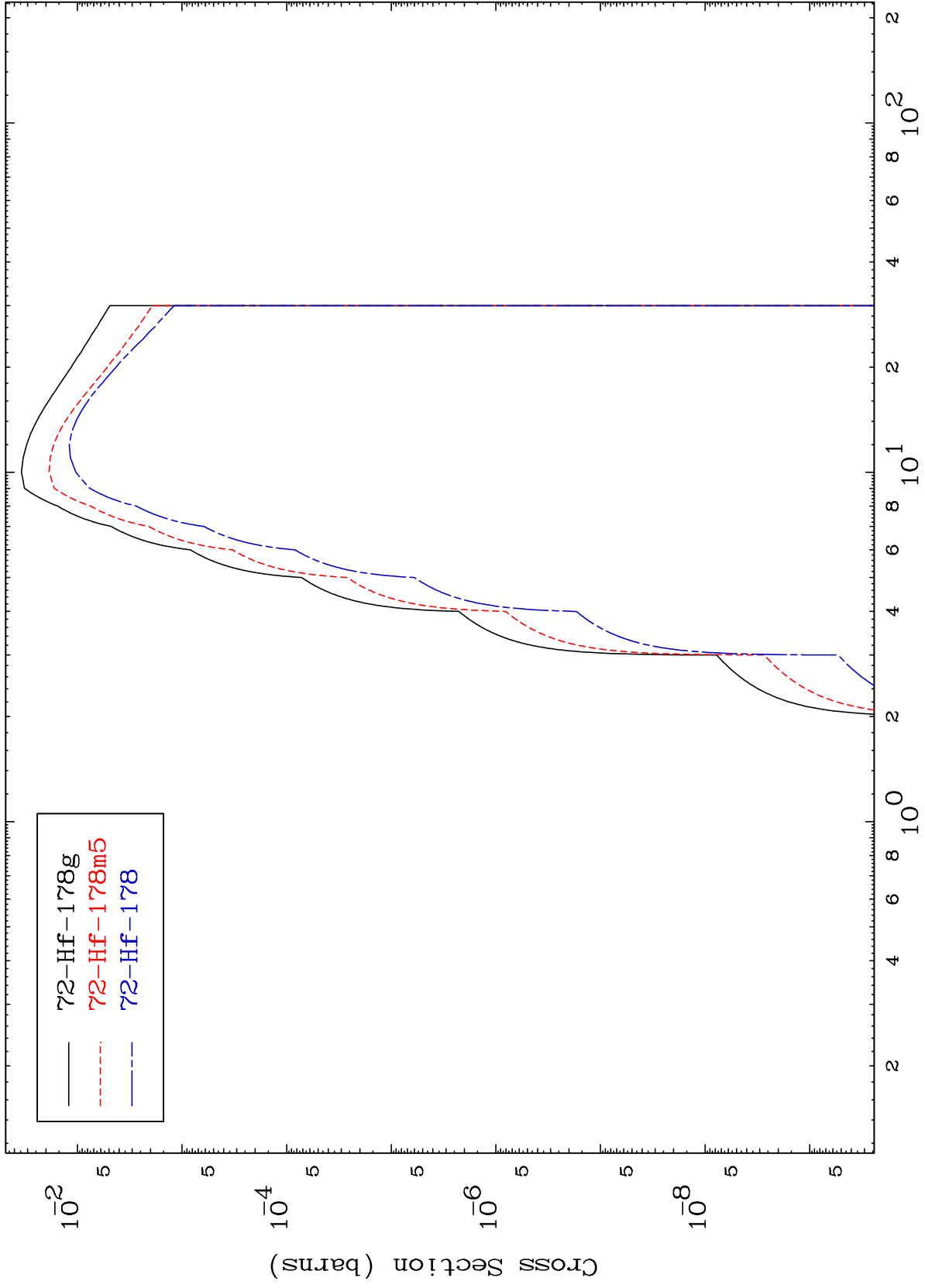
Incident Energy (MeV)

⁷²Hf-177m

MAT 7235

$^{72}\text{Hf}-177\text{m}$

(n,p)
Radionuclide Production Cross Section

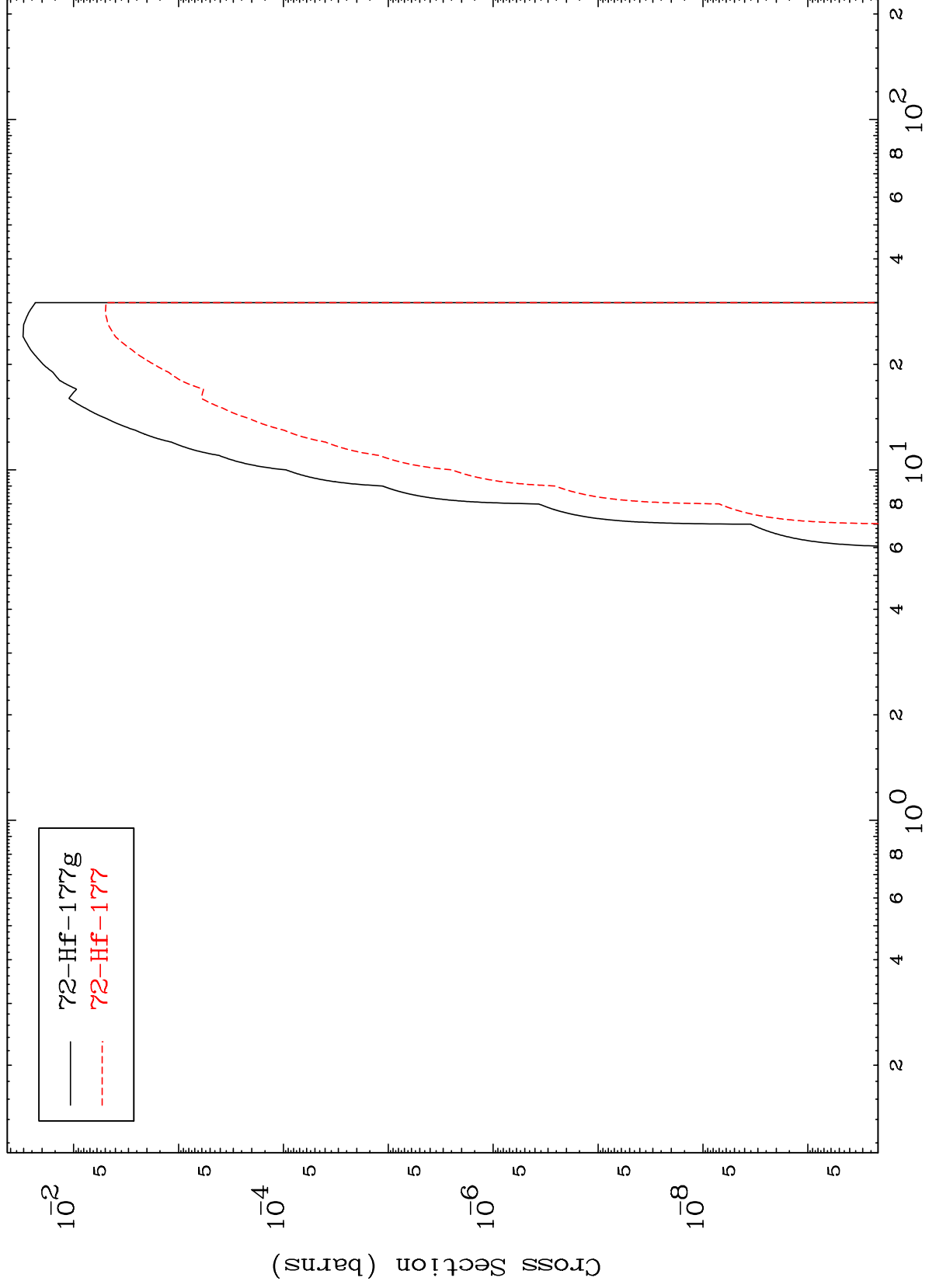


MAT 7235

(n, d)

⁷²Hf-177m

Radionuclide Production Cross Section



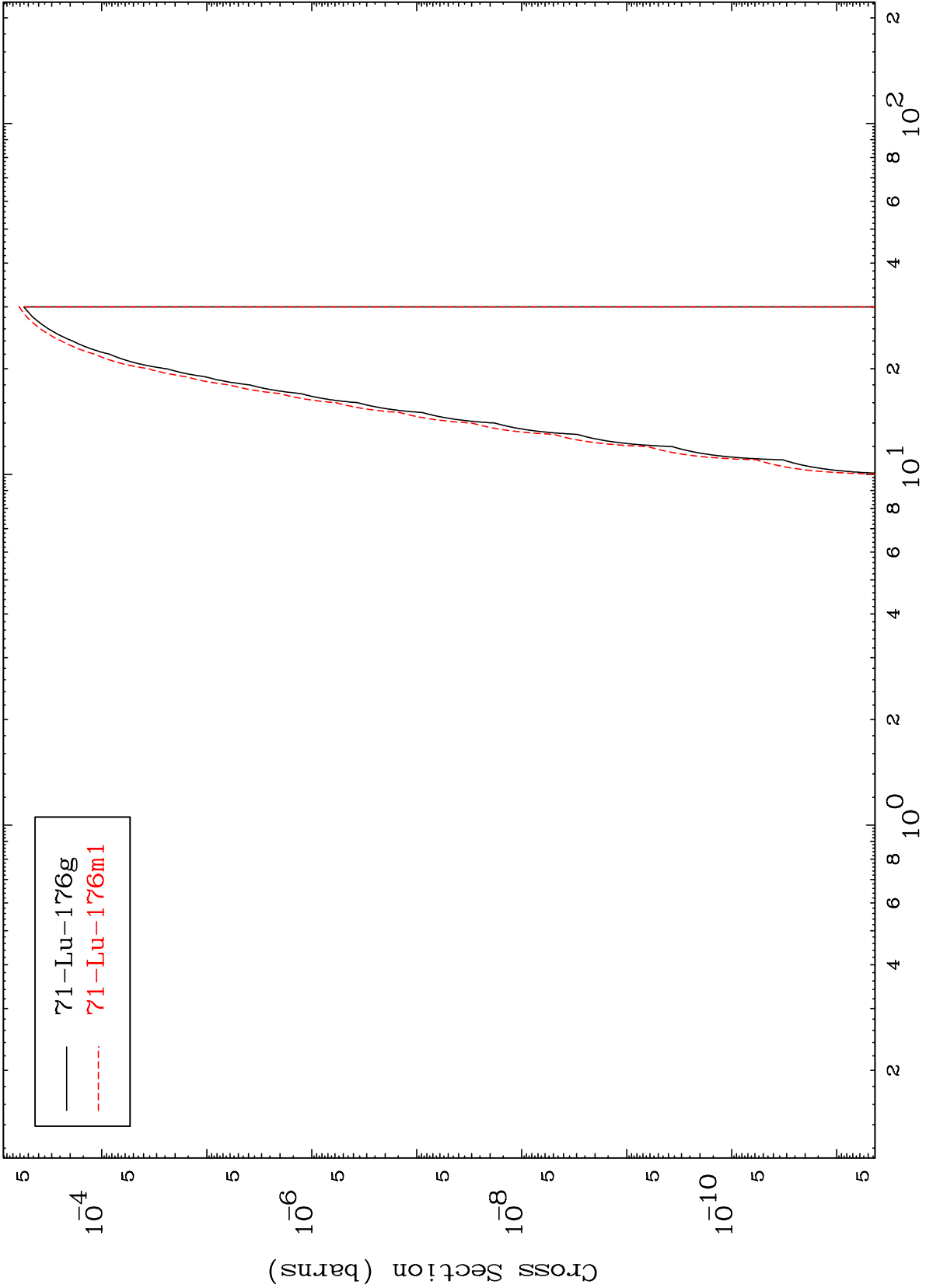
— ⁷²Hf-177g
- - - ⁷²Hf-177

MAT 7235

(n,He-3)

72-Hf-177m

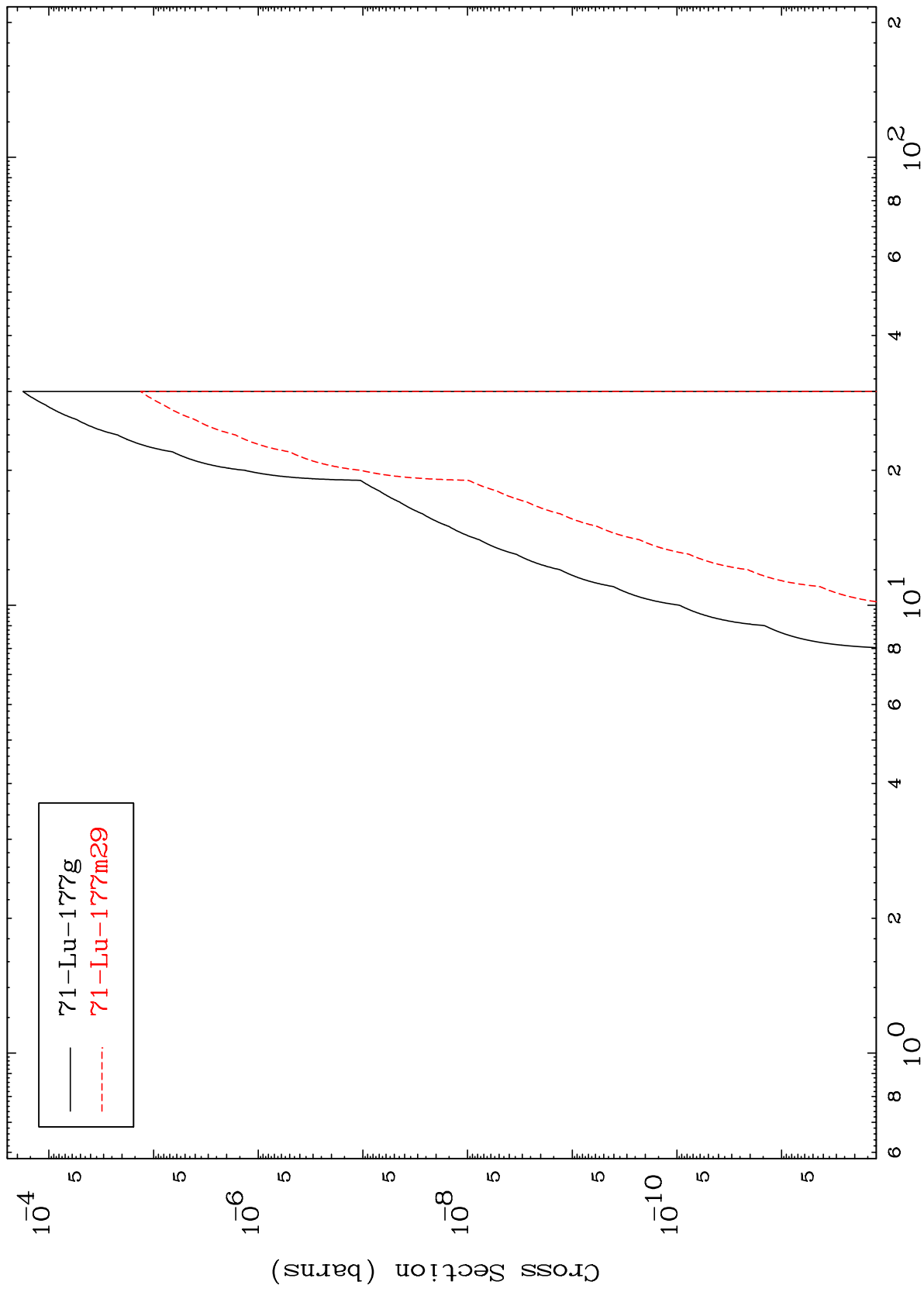
Radionuclide Production Cross Section



MAT 7235

72-Hf-177m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

72-Hf-177m

MAT 7235

(n,p) d

⁷²Hf-177m

Radionuclide Production Cross Section

