

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

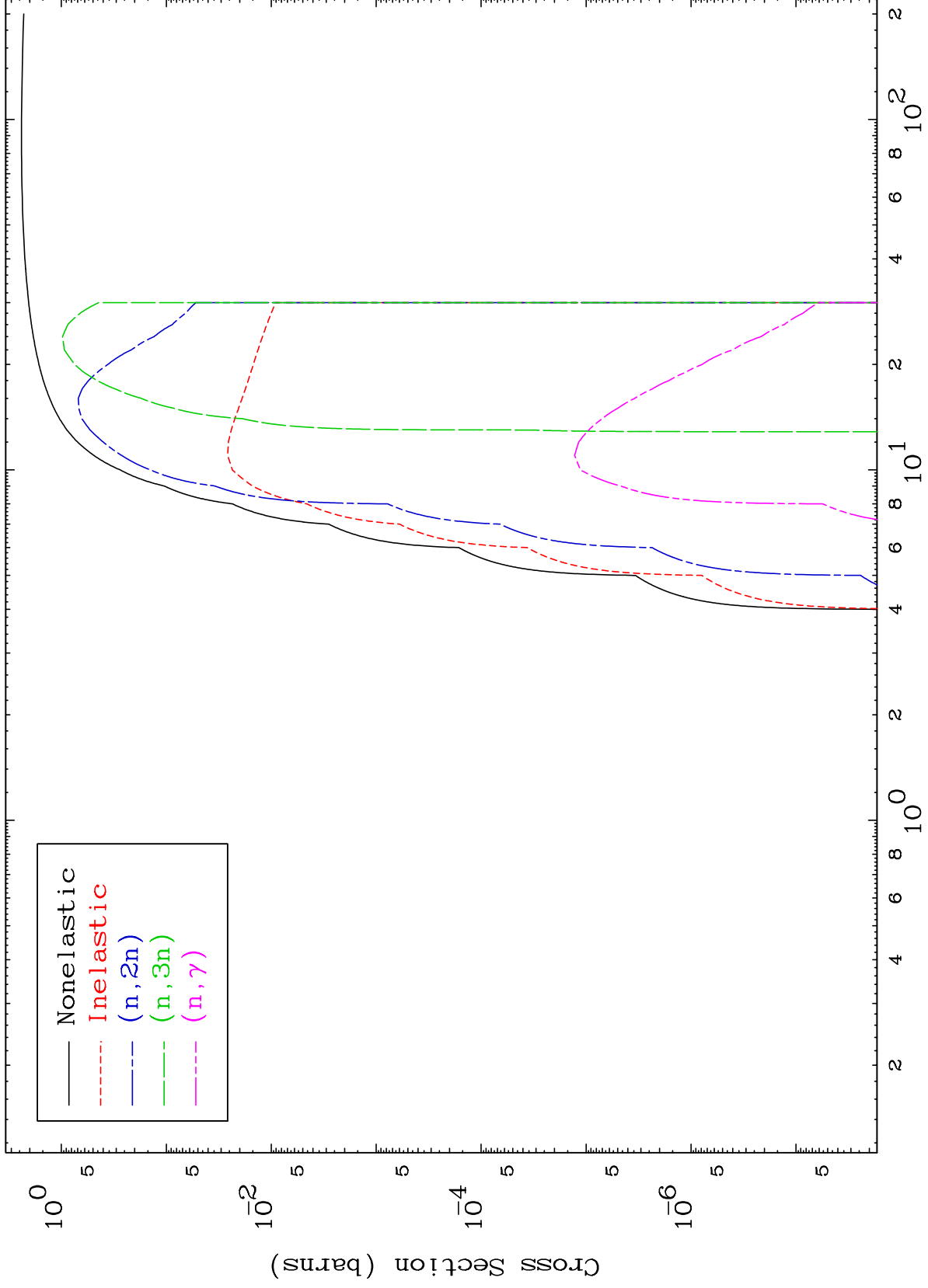
Tele: 925-443-1911

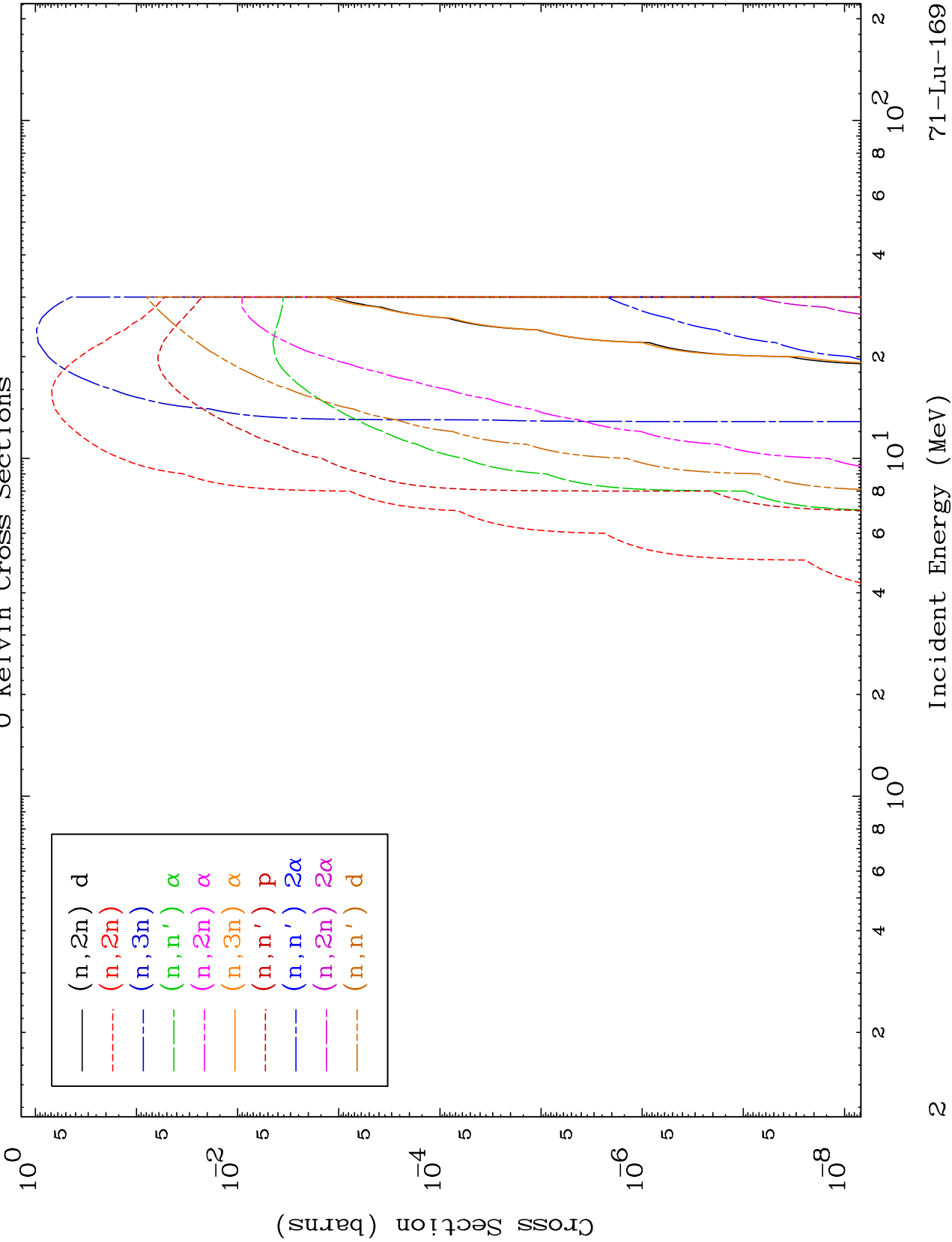
E.Mail:redcullen1@comcast.net

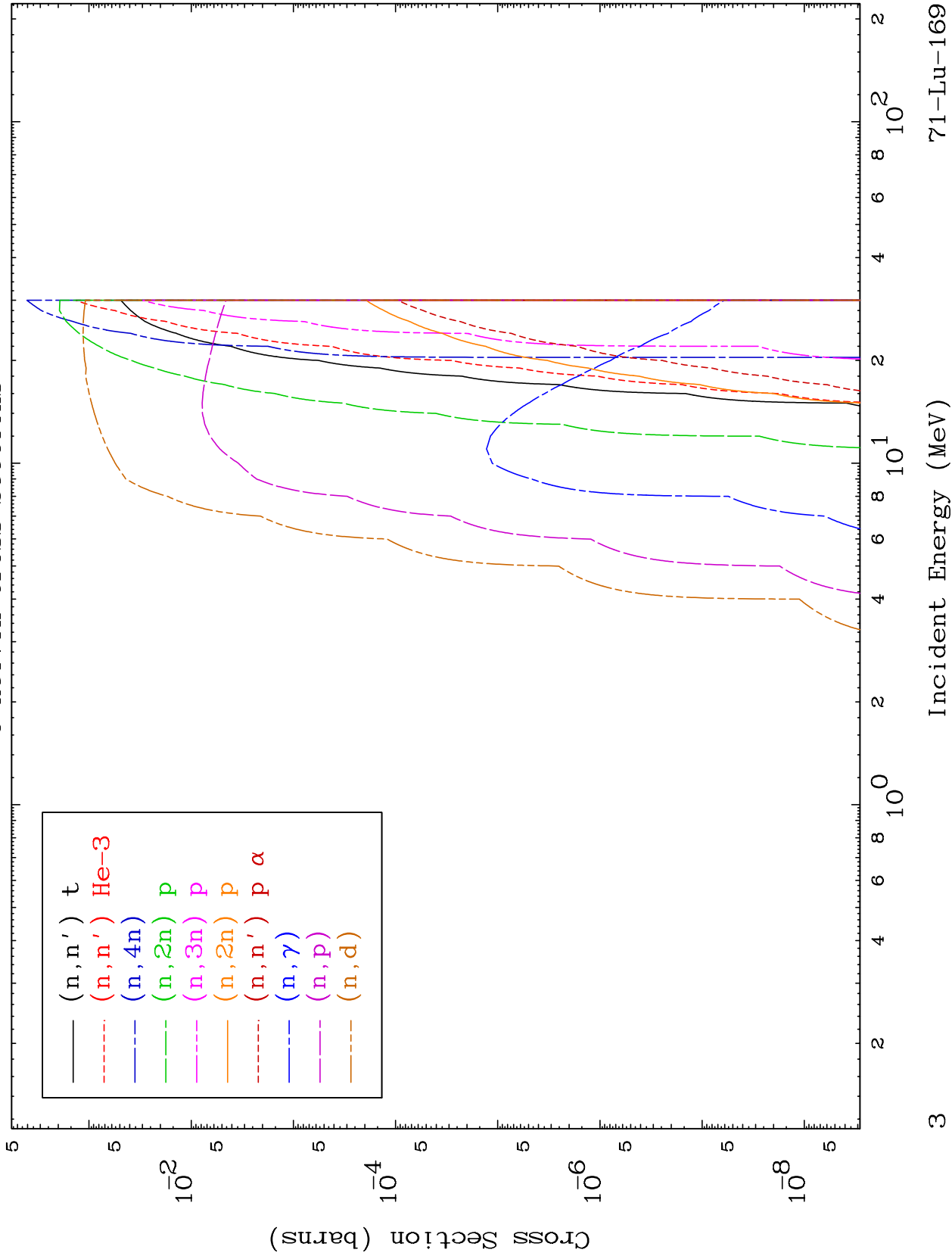
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Press Mouse Button to Start

0 Kelvin Cross Sections



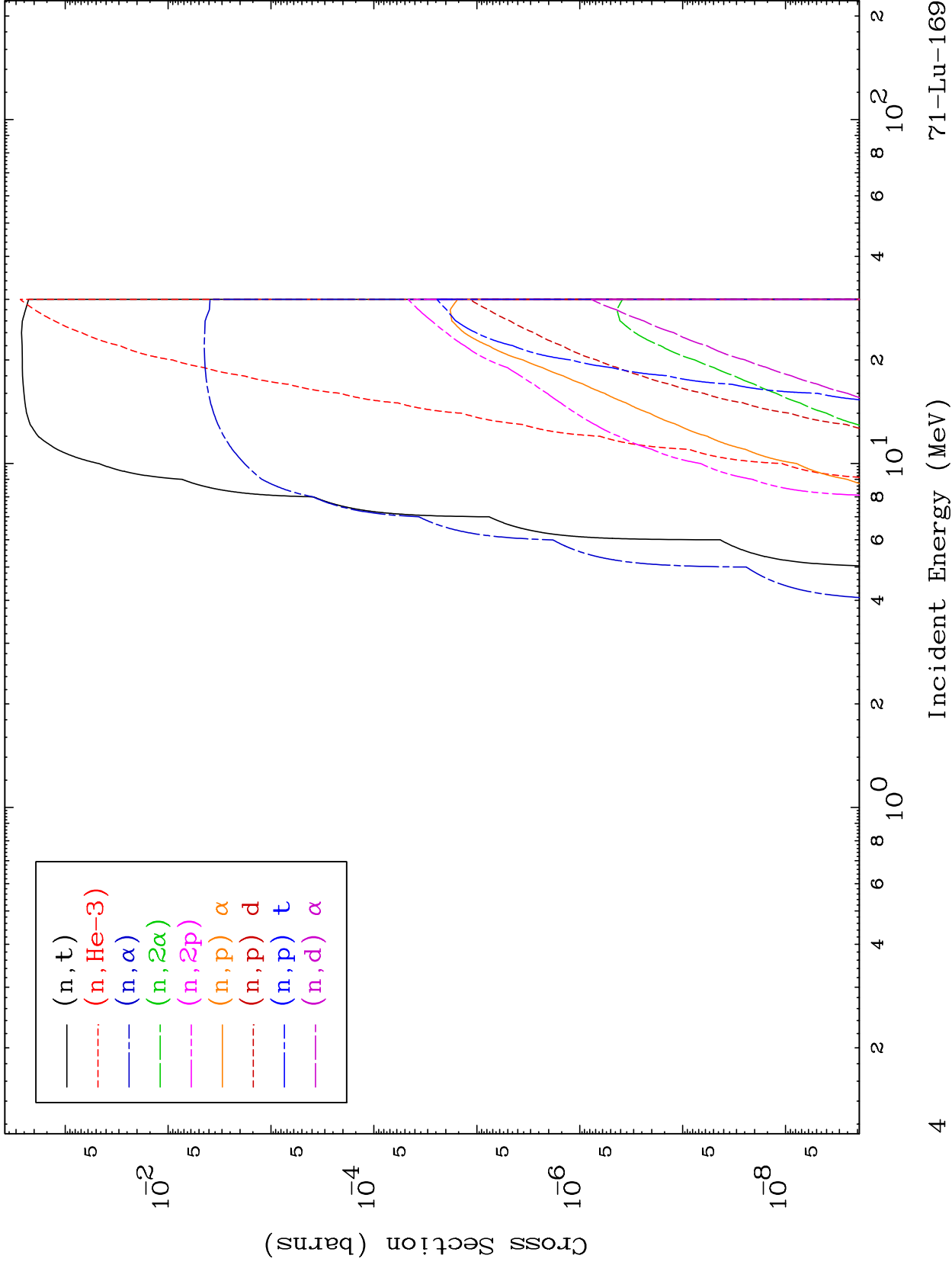


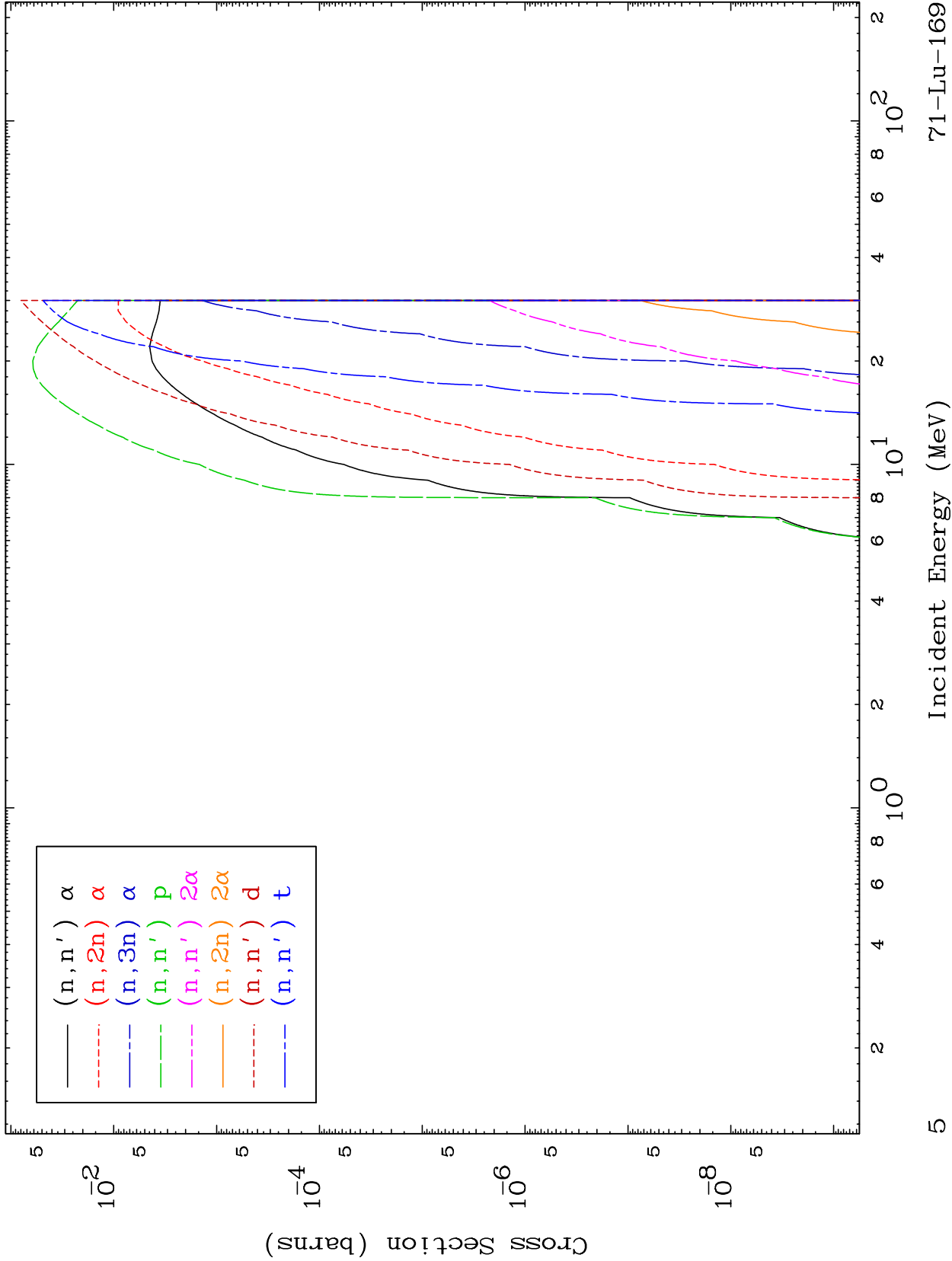


MAT 7107

Triton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-169

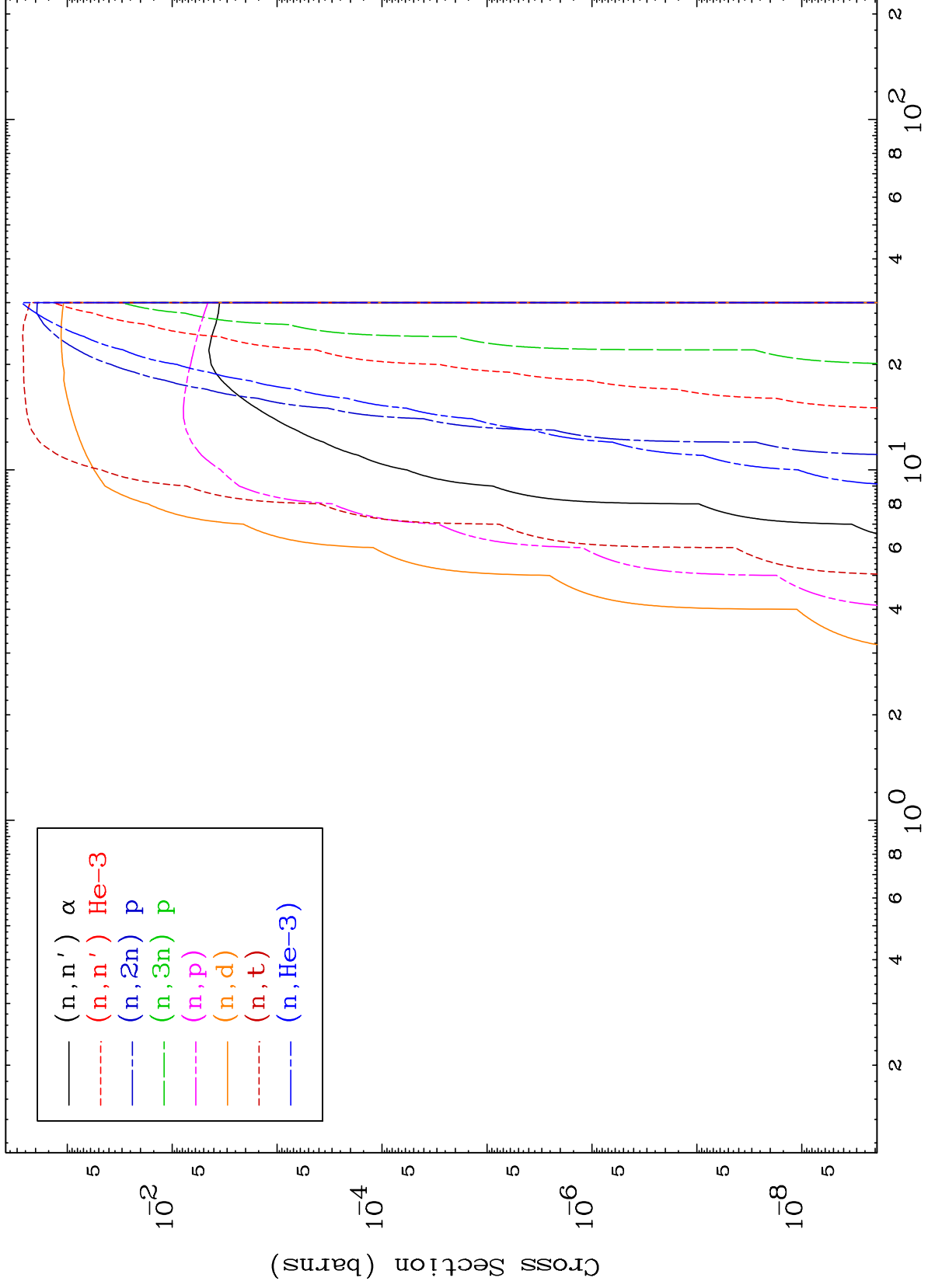


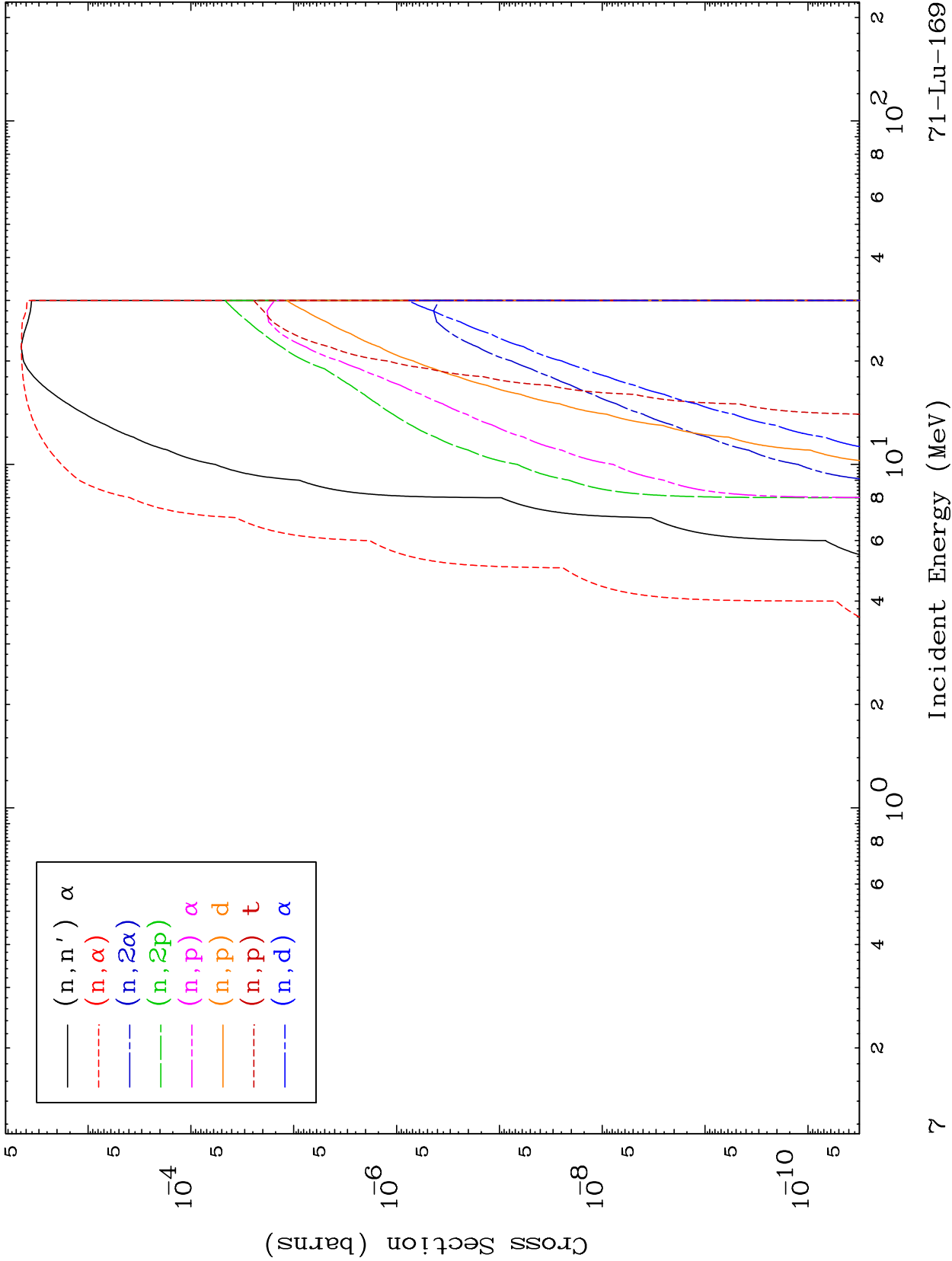


MAT 7107

Triton Charged Particle
0 Kelvin Cross Sections

71-Lu-169

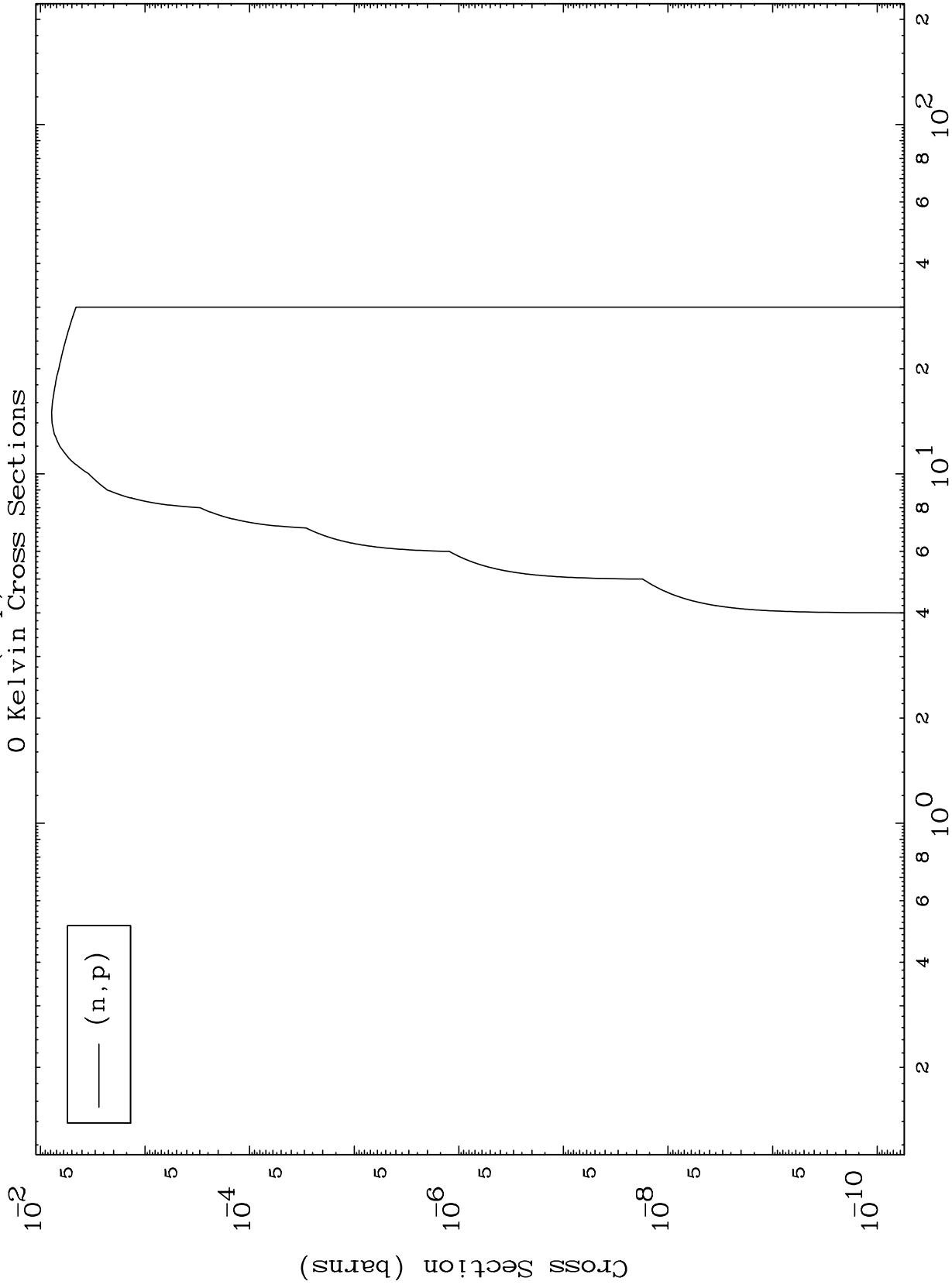




MAT 7107

(t,p) Levels

71-Lu-169

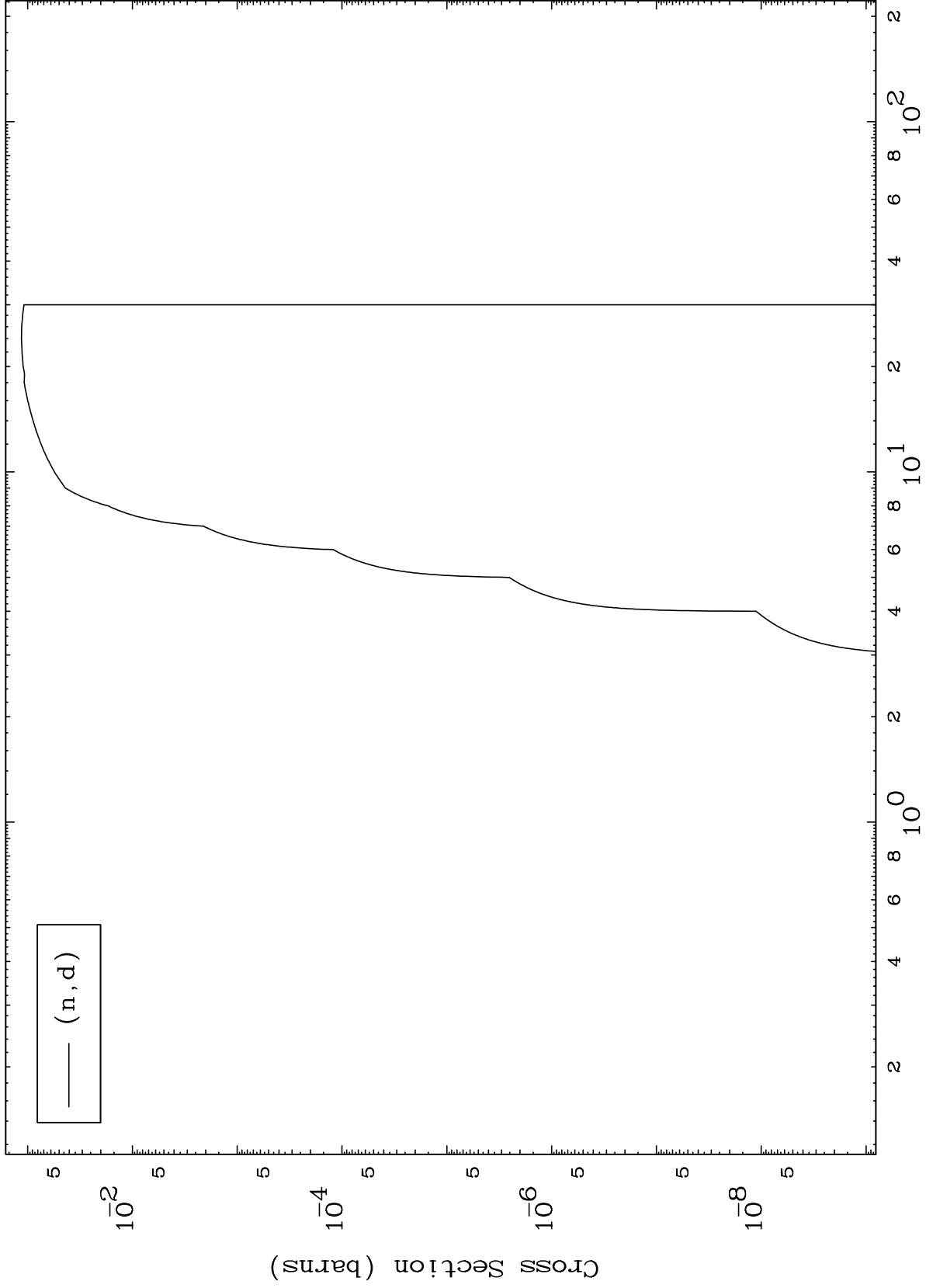


MAT 7107

(t, d) Levels

71-Lu-169

0 Kelvin Cross Sections

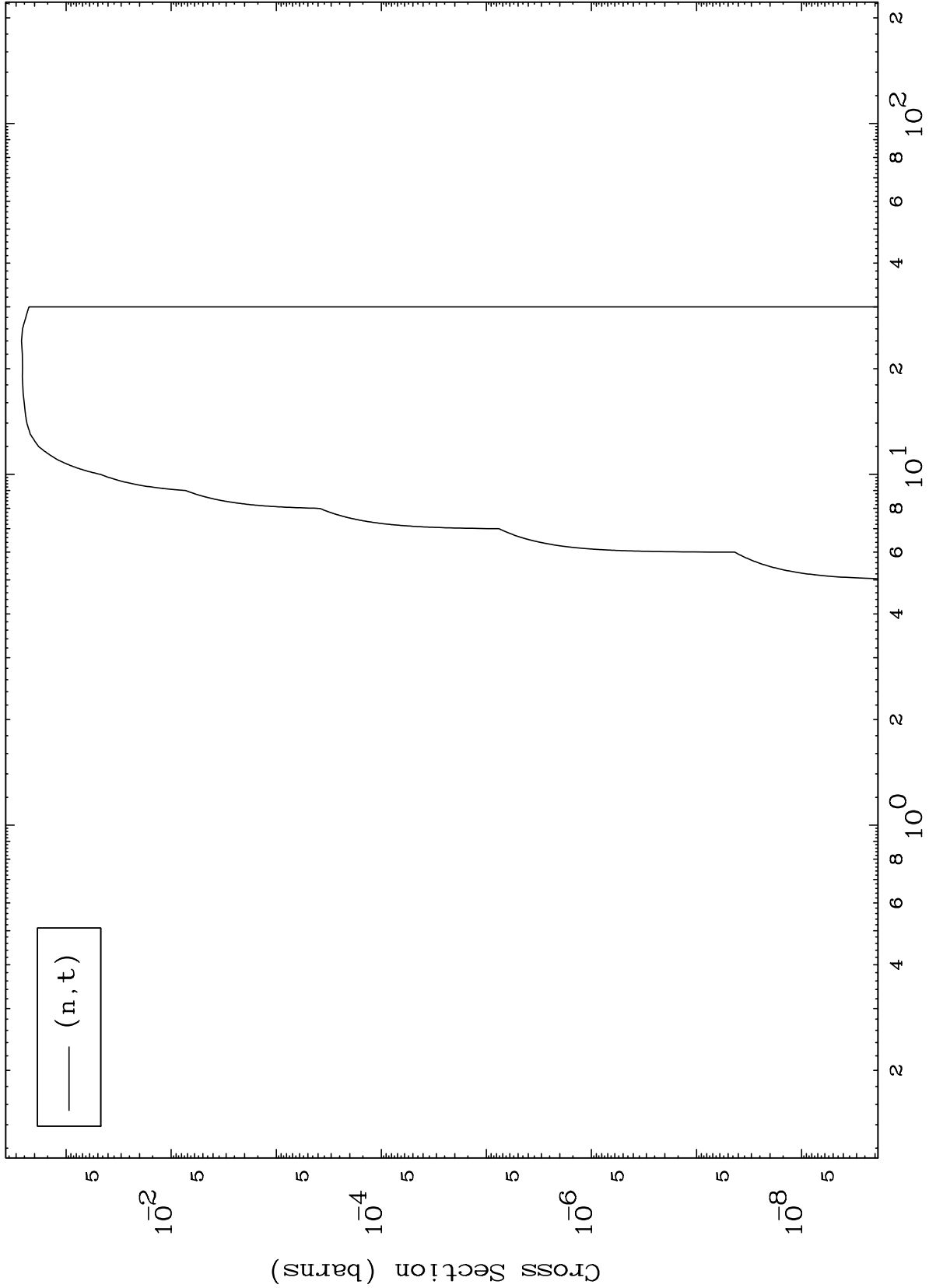


MAT 7107

(t, t) Levels

71-Lu-169

0 Kelvin Cross Sections



10

Incident Energy (MeV)

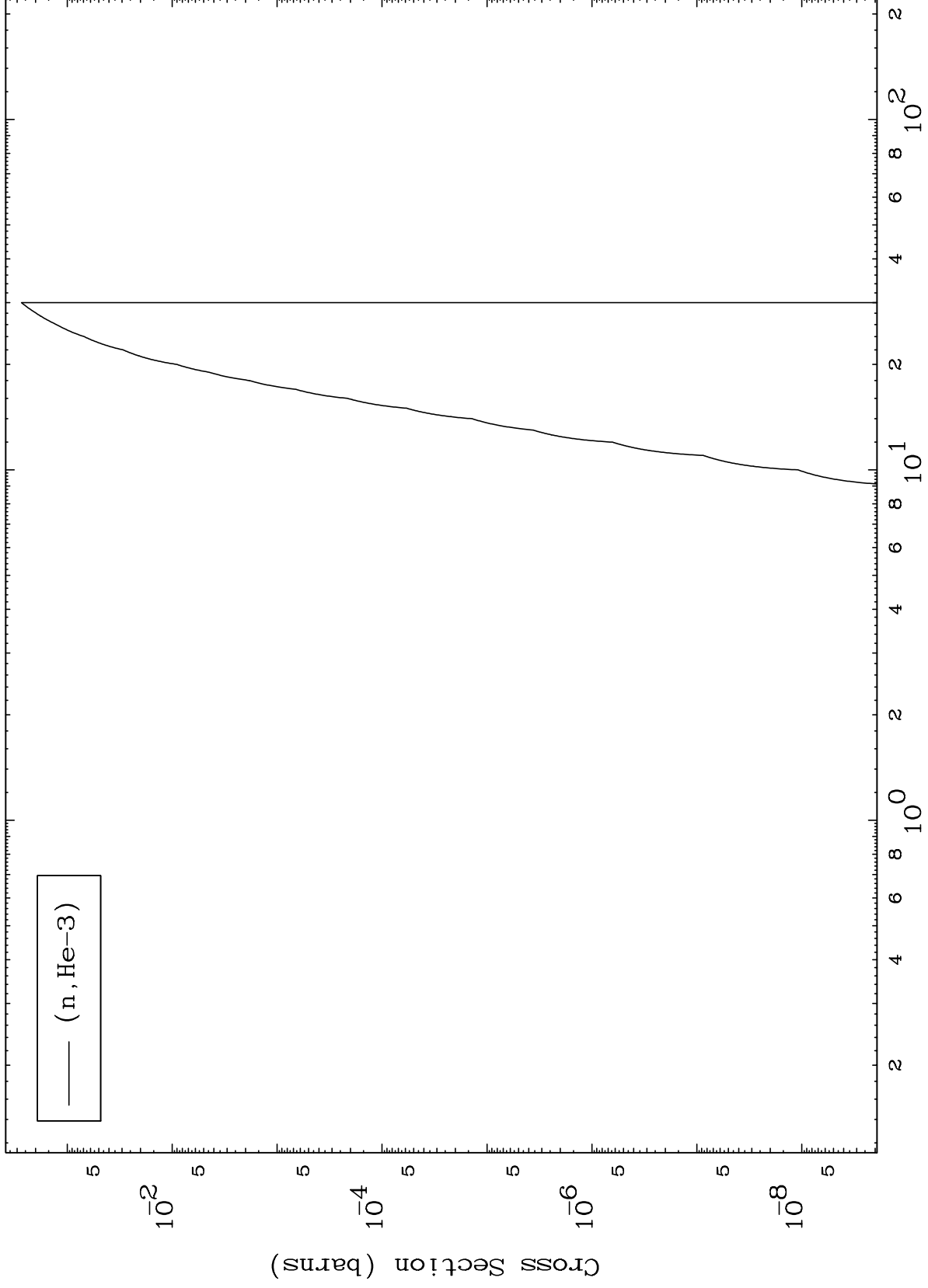
71-Lu-169

MAT 7107

(t,He3) Levels

71-Lu-169

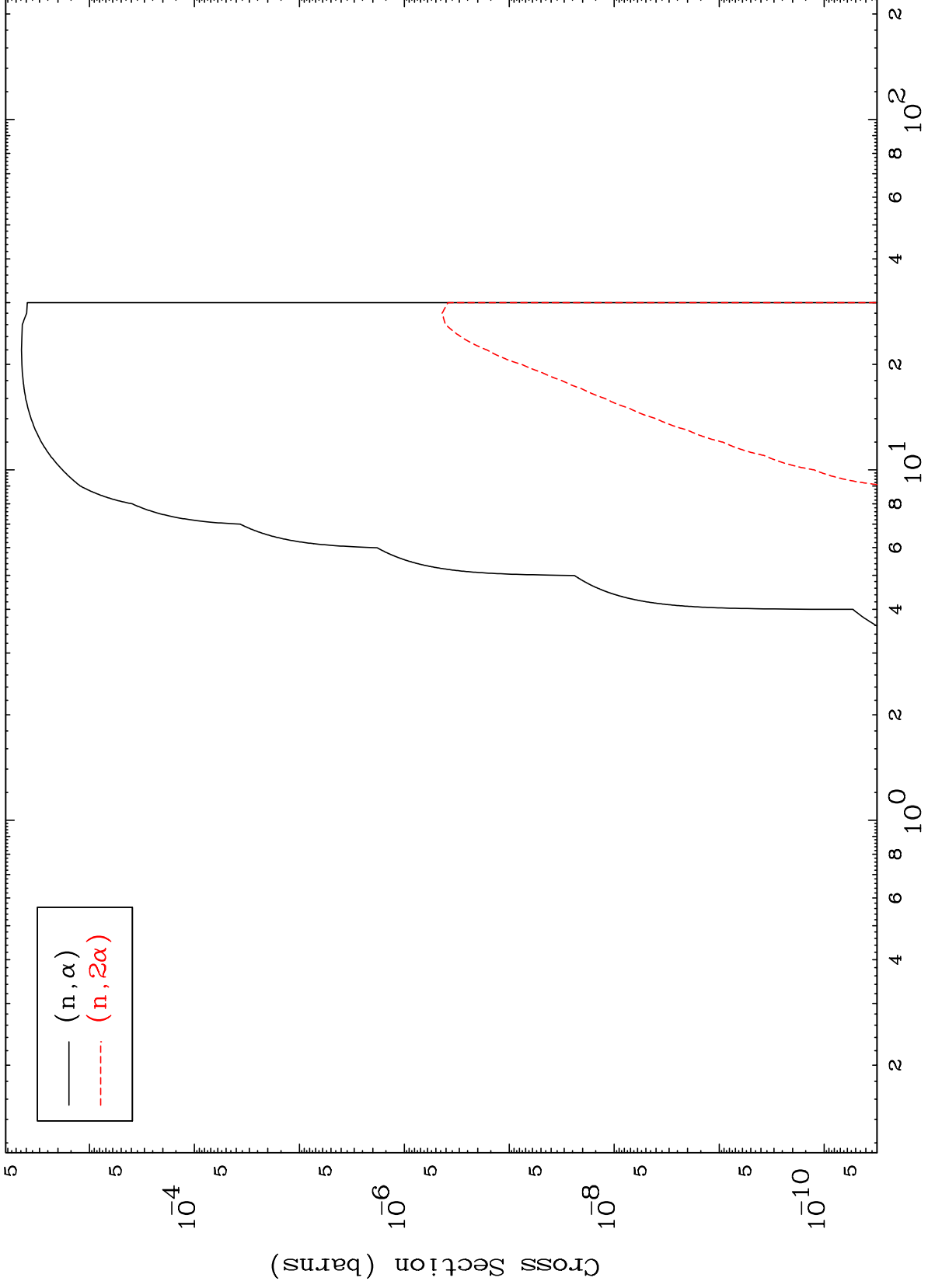
0 Kelvin Cross Sections



MAT 7107

(t, α) Levels
0 Kelvin Cross Sections

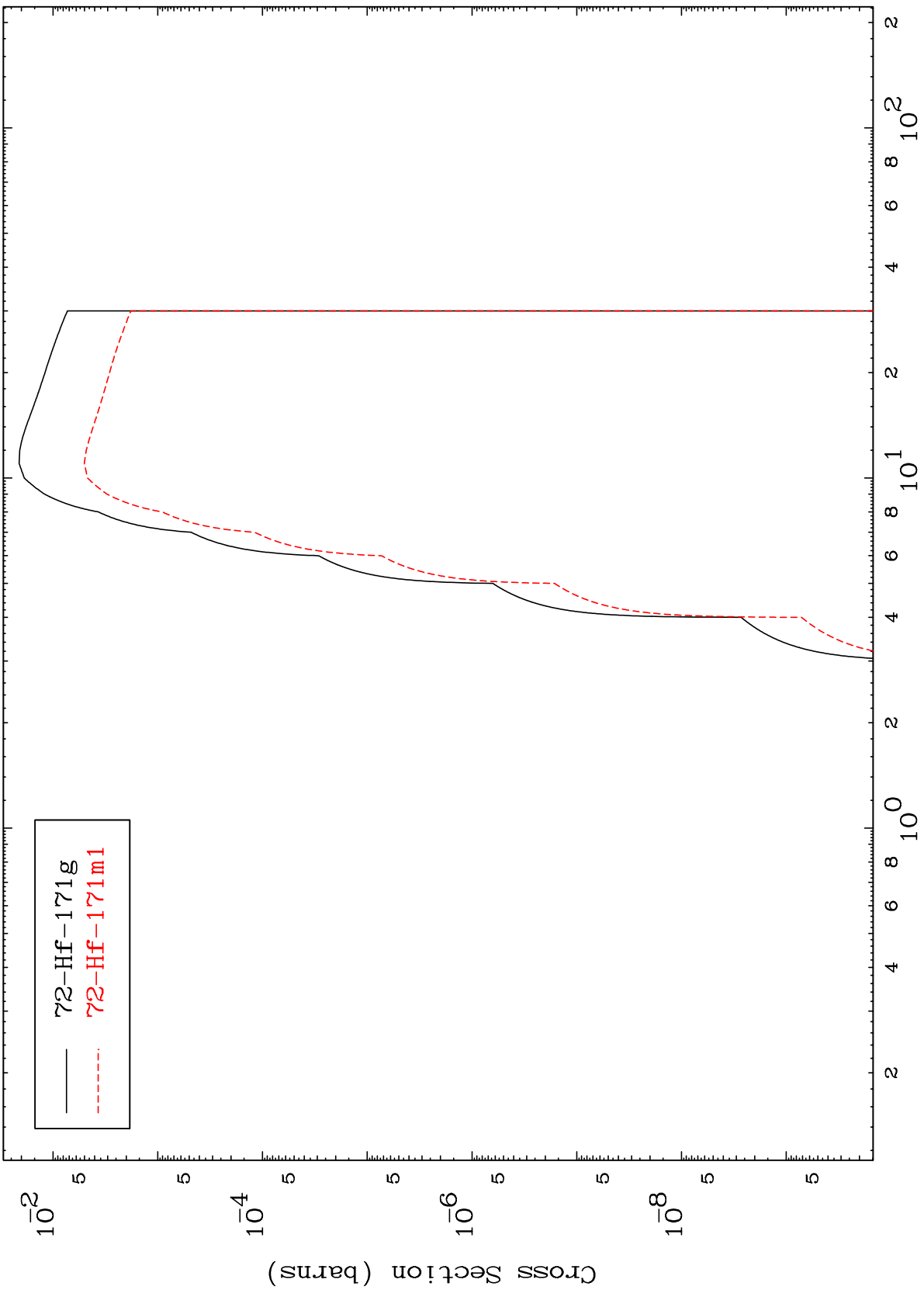
71-Lu-169



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Inelastic
Radionuclide Production Cross Section

71-Lu-169



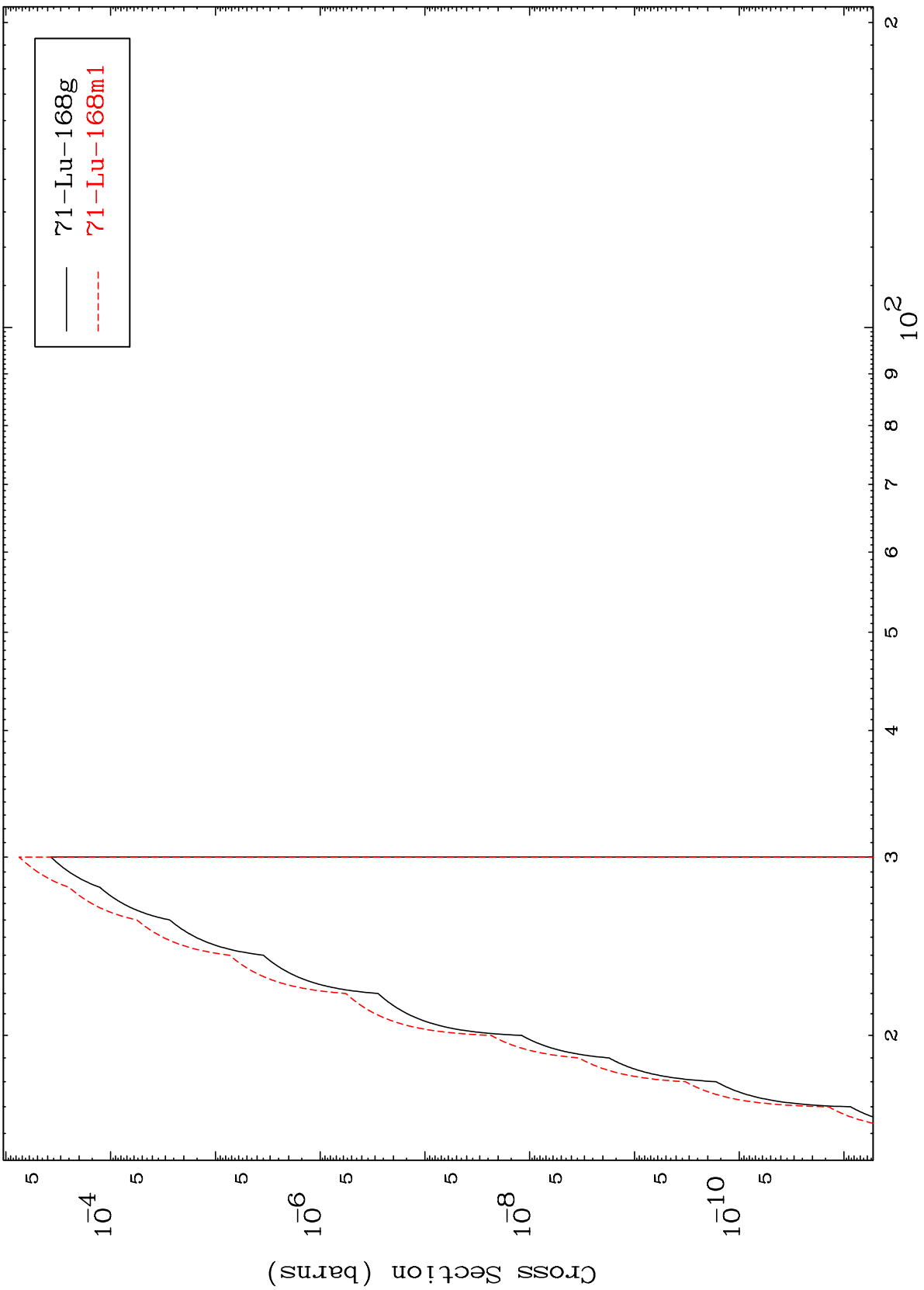
72-Hf-171g
72-Hf-171m1

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(n,2n) d

71-Lu-169

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

14

Incident Energy (MeV)

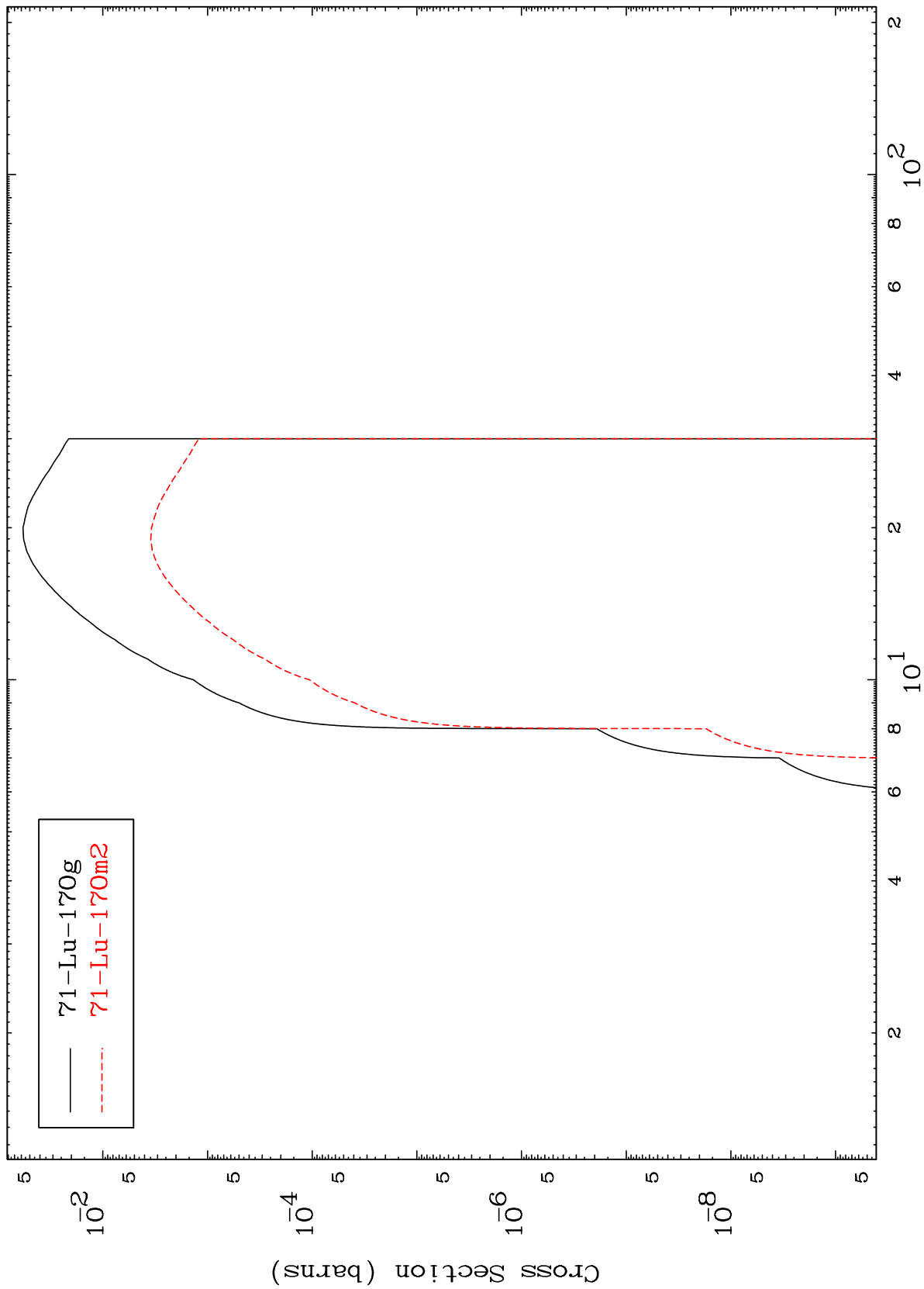
71-Lu-169

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(n,n') p

⁷¹Lu-169

Radionuclide Production Cross Section



15

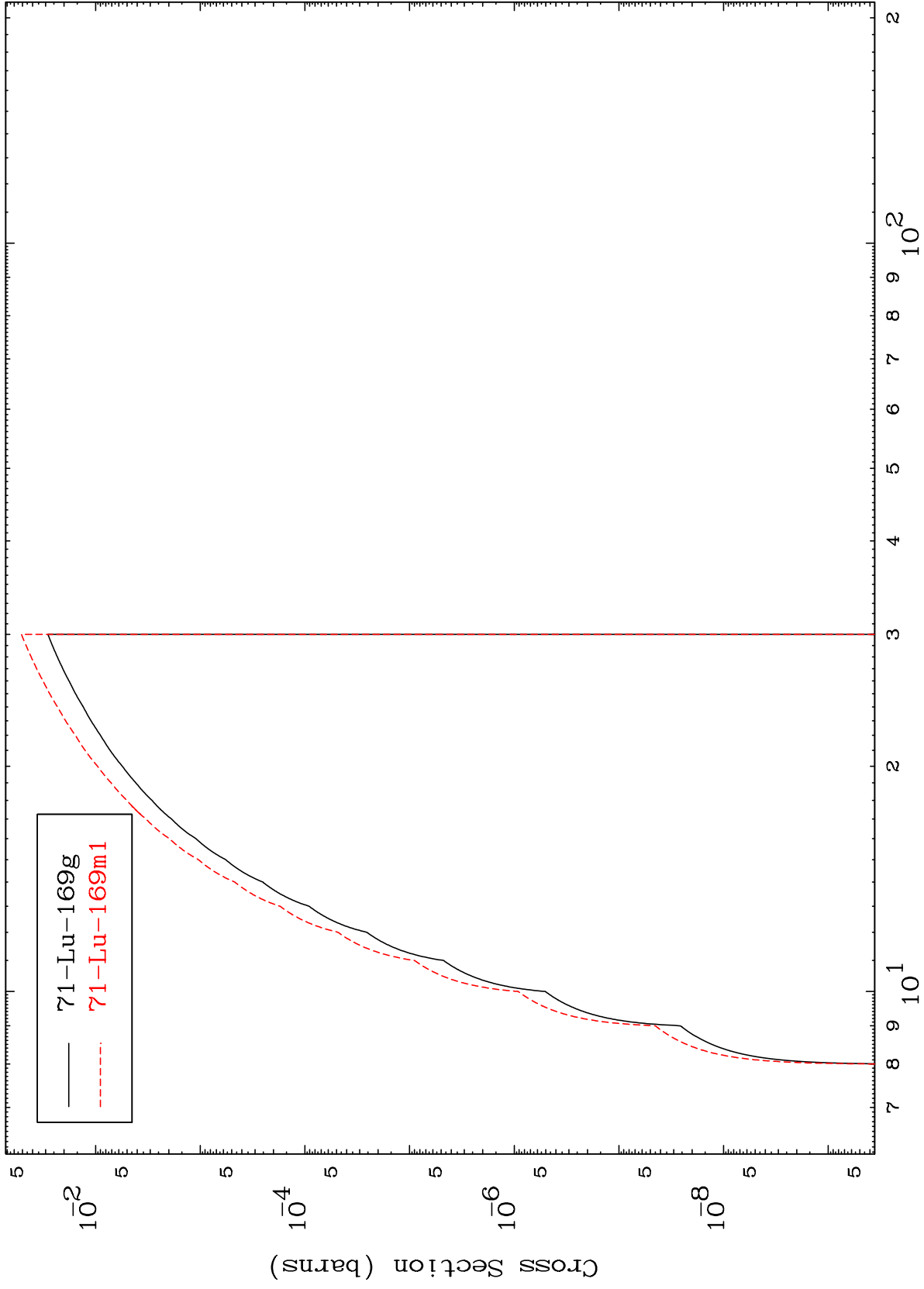
Incident Energy (MeV)

⁷¹Lu-169

MAT 7107

71-Lu-169

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

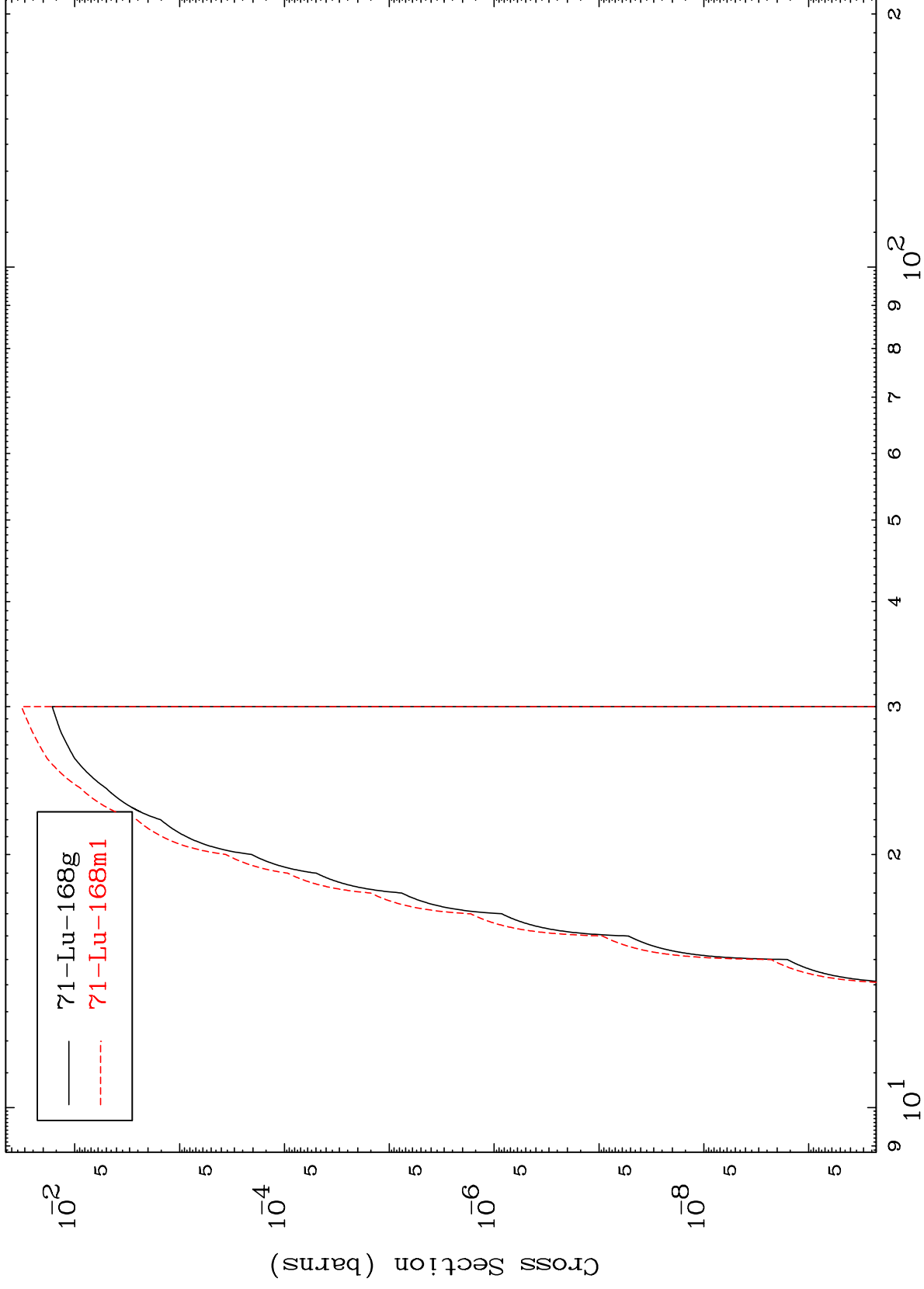
71-Lu-169

MAT 7107

(n,n') t

71-Lu-169

Radionuclide Production Cross Section



17

Incident Energy (MeV)

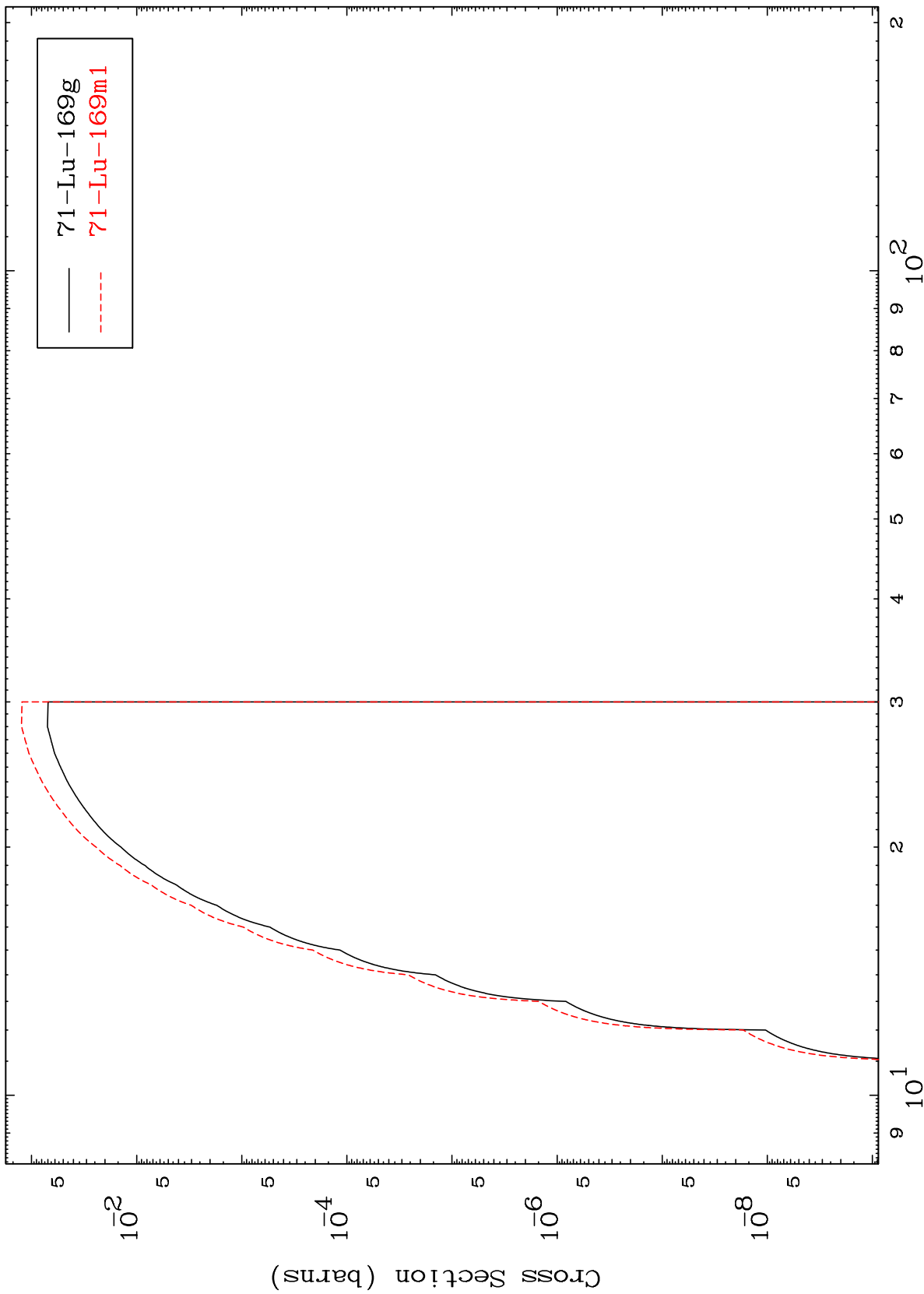
71-Lu-169

MAT 7107

(n,2n) p

71-Lu-169

Radionuclide Production Cross Section

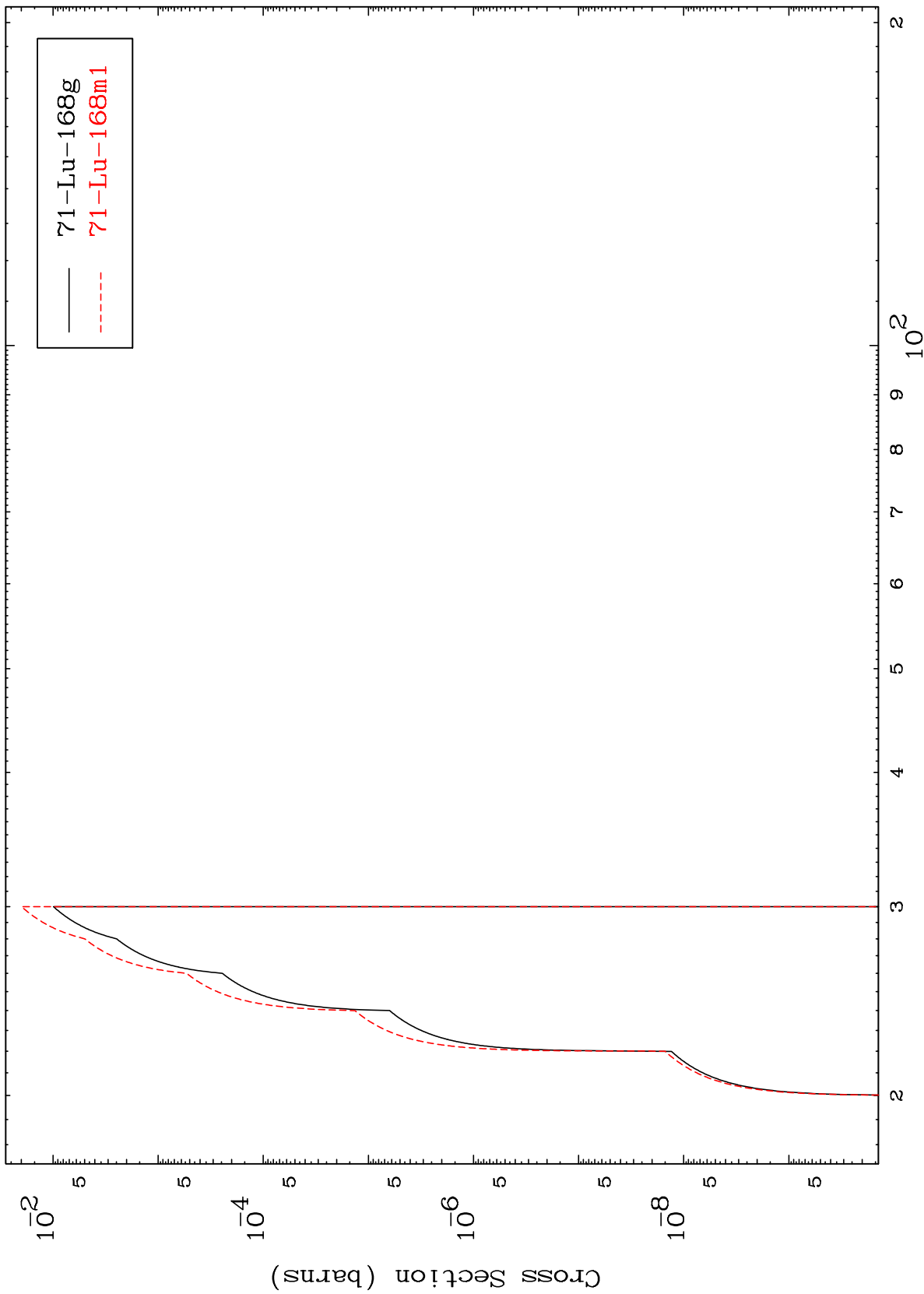


18

Incident Energy (MeV)

71-Lu-169

Radionuclide Production Cross Section

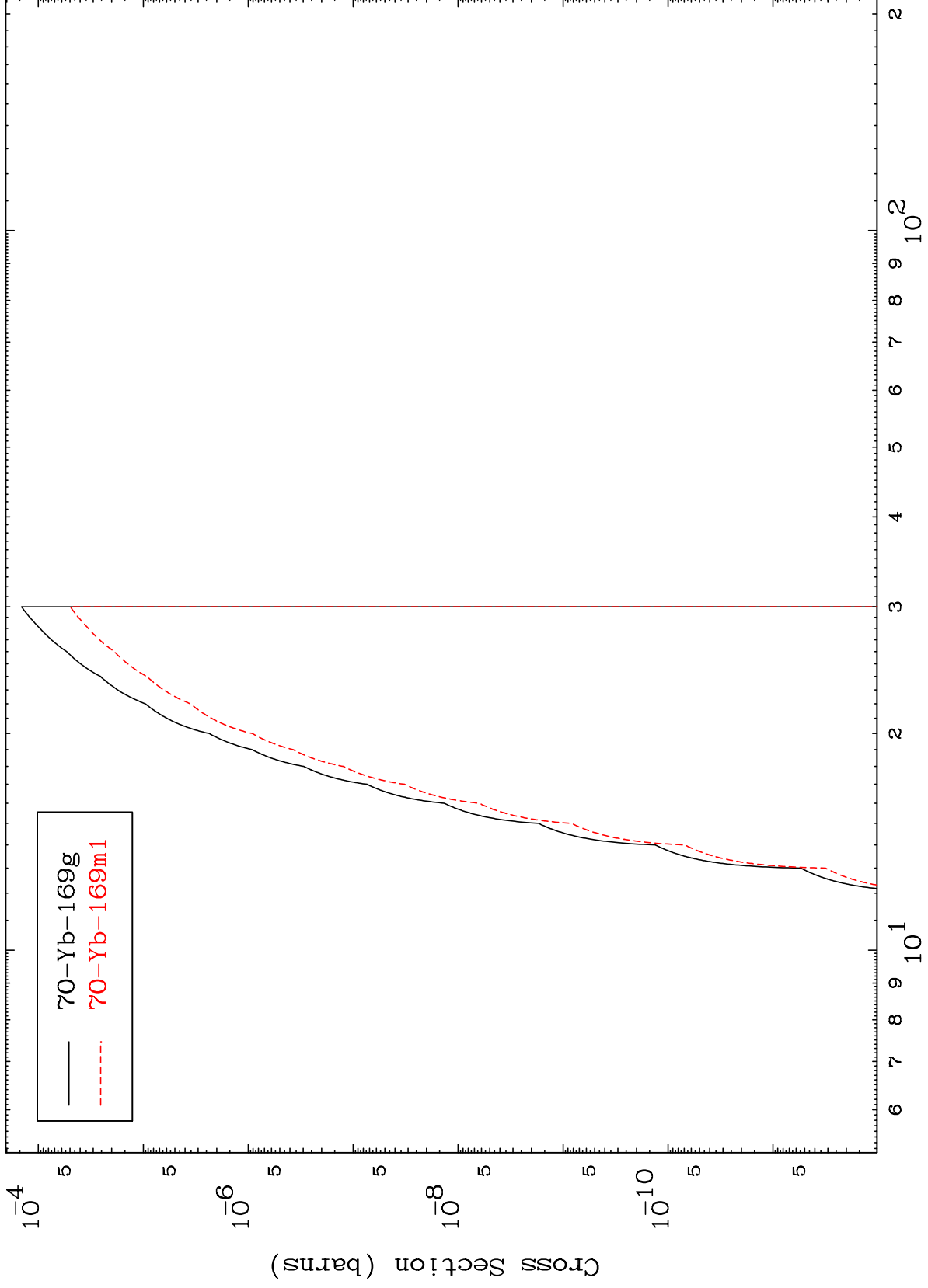


MAT 7107

$(n,2n)$ p

$^{71}\text{Lu-169}$

Radionuclide Production Cross Section



20

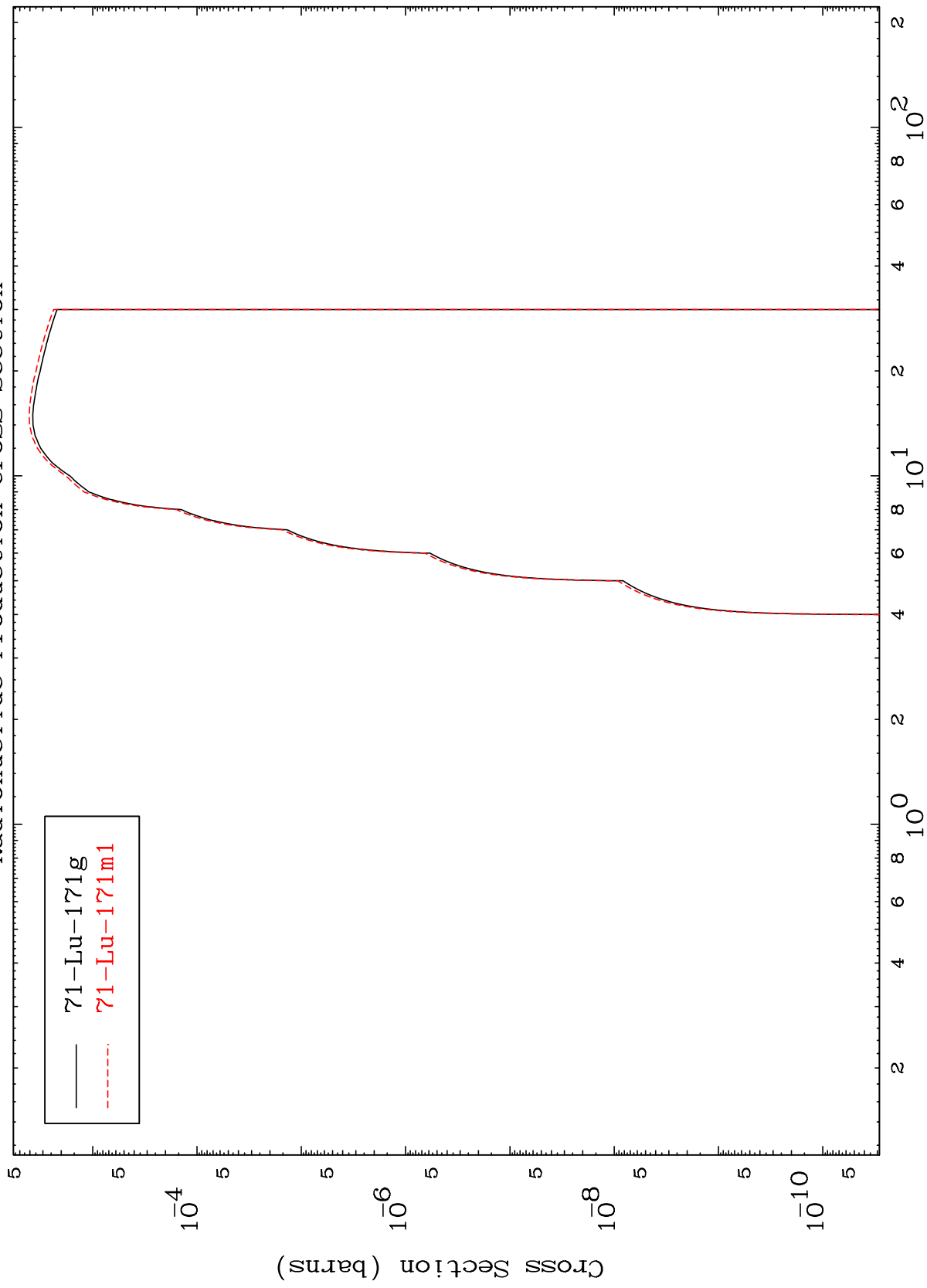
Incident Energy (MeV)

$^{71}\text{Lu-169}$

MAT 7107

⁷¹Lu-169

(n,p)
Radionuclide Production Cross Section



⁷¹Lu-169

Incident Energy (MeV)

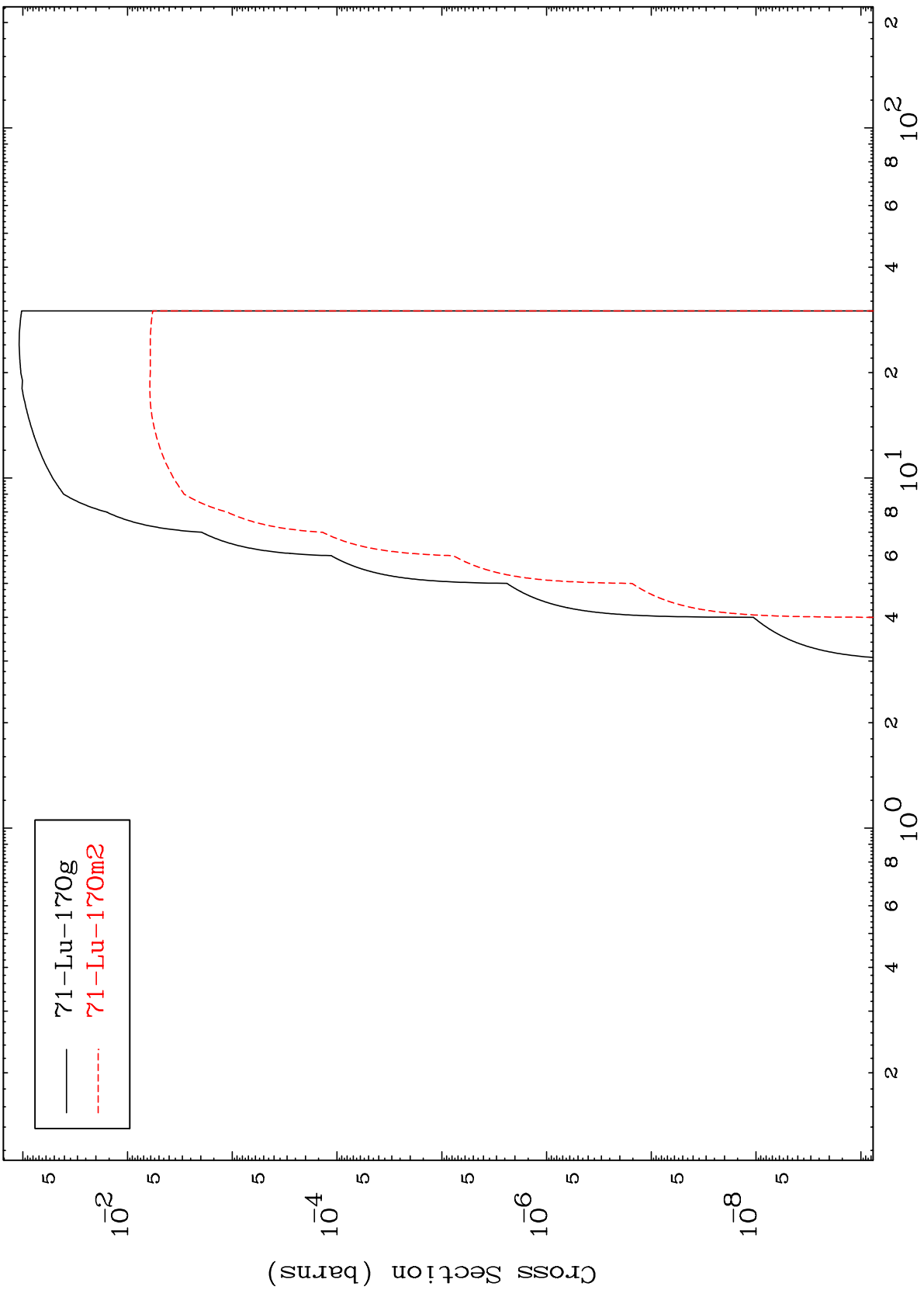
21

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(n,d)

⁷¹Lu-169

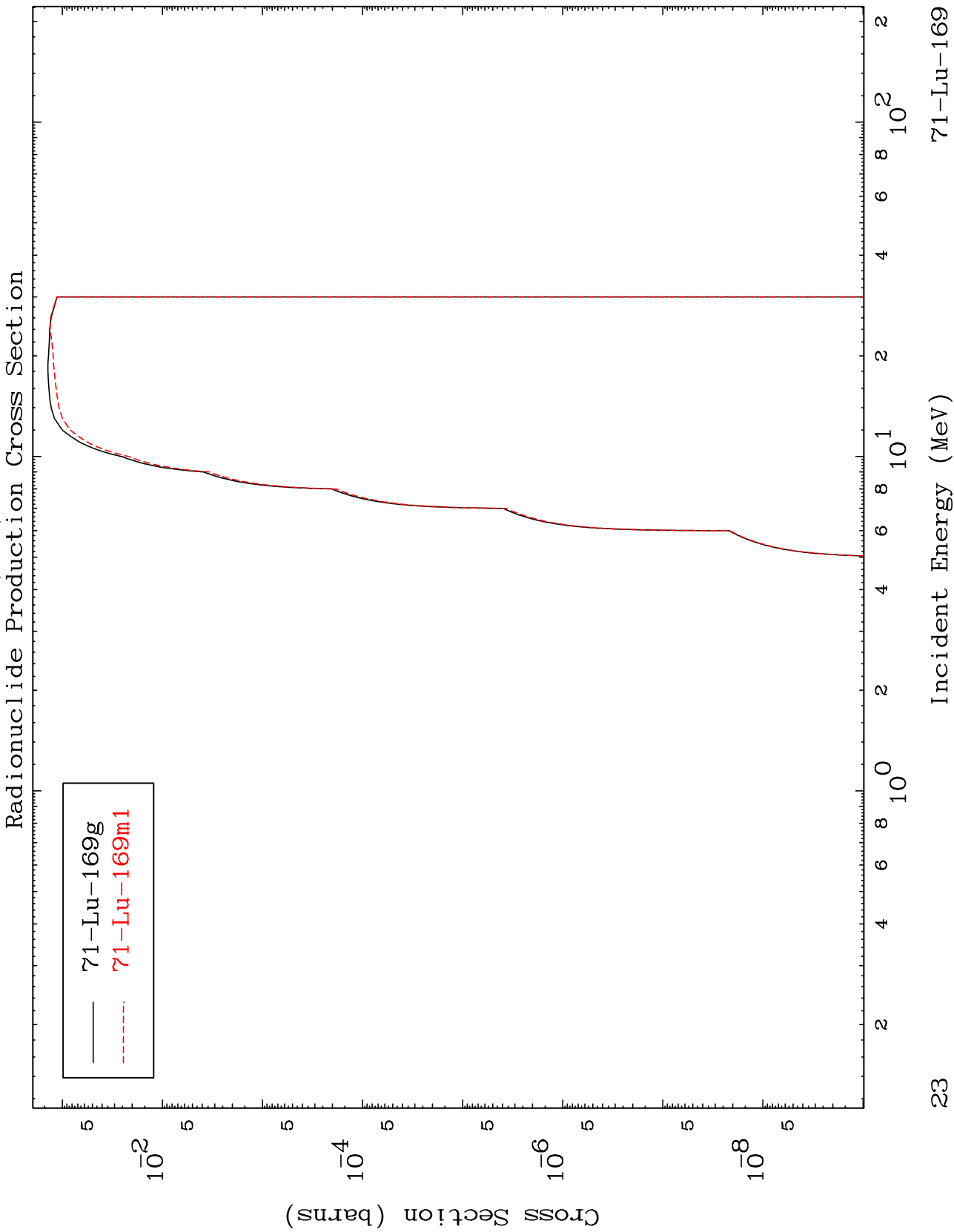
Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

MAT 7107

⁷¹Lu-169

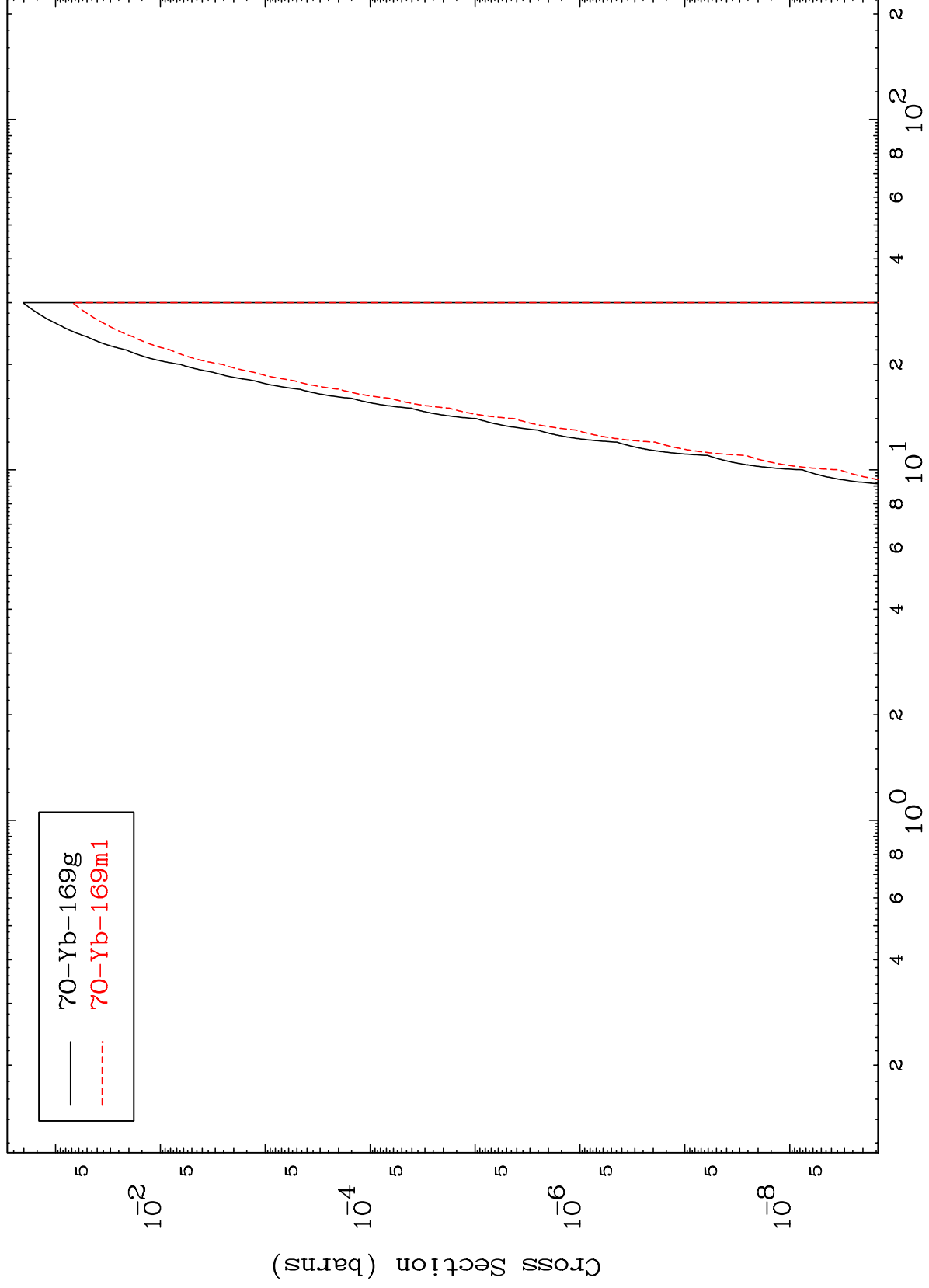


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(n,He-3)

71-Lu-169

Radionuclide Production Cross Section



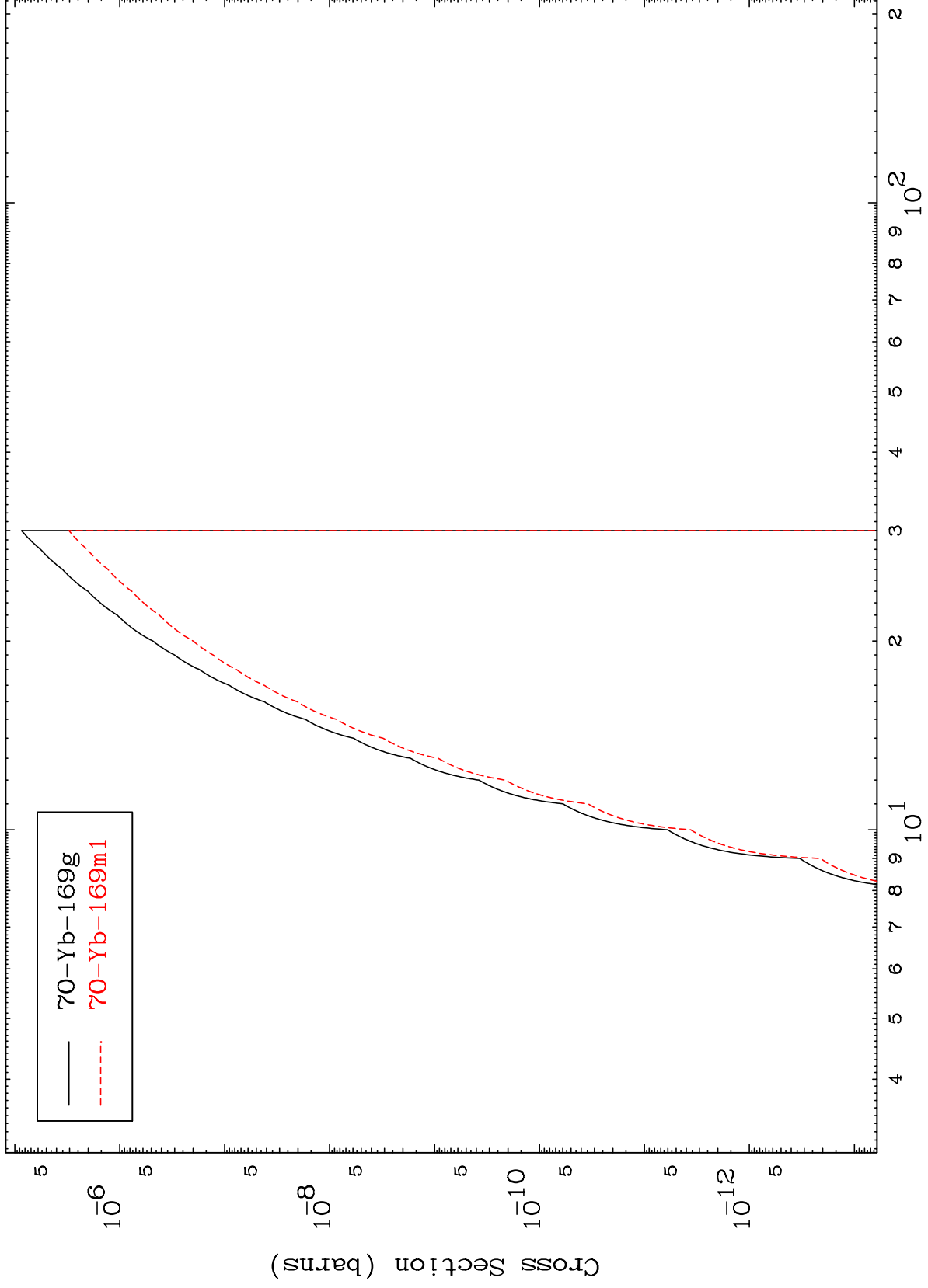
70-Yb-169g
70-Yb-169m1

MAT 7107

(n,p) d

⁷¹Lu-169

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷¹Lu-169