

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

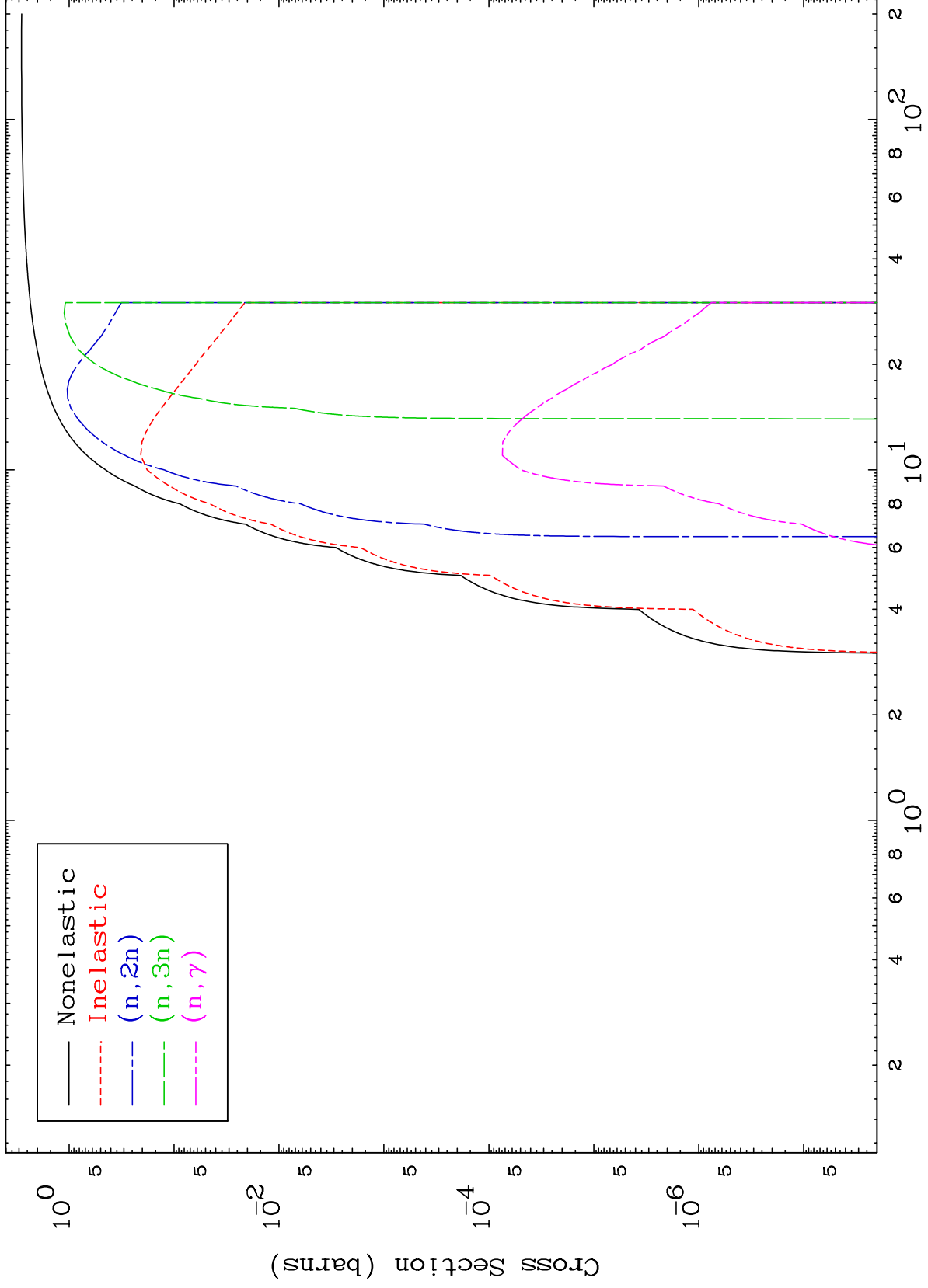
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

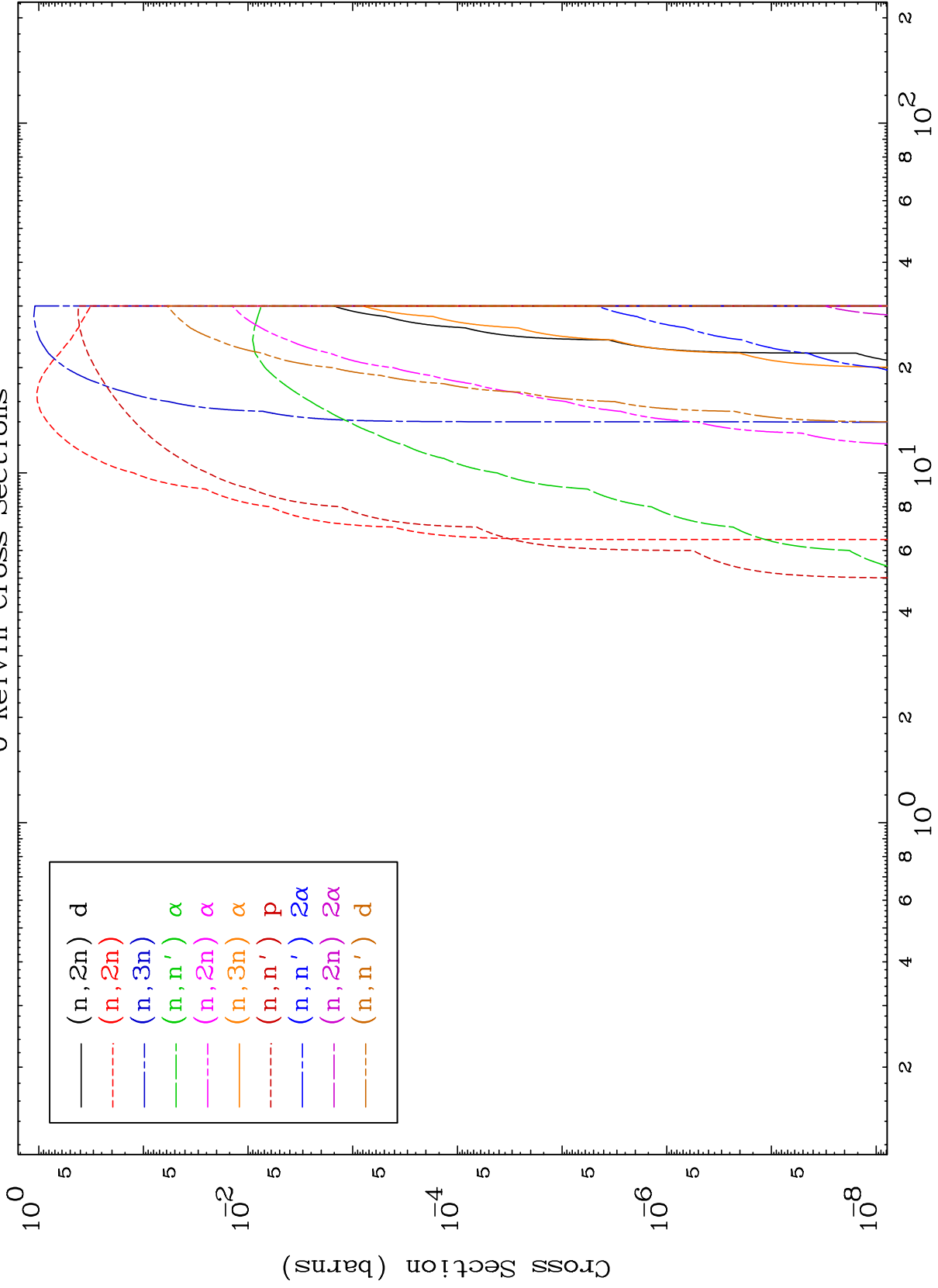
Press Mouse Button to Start

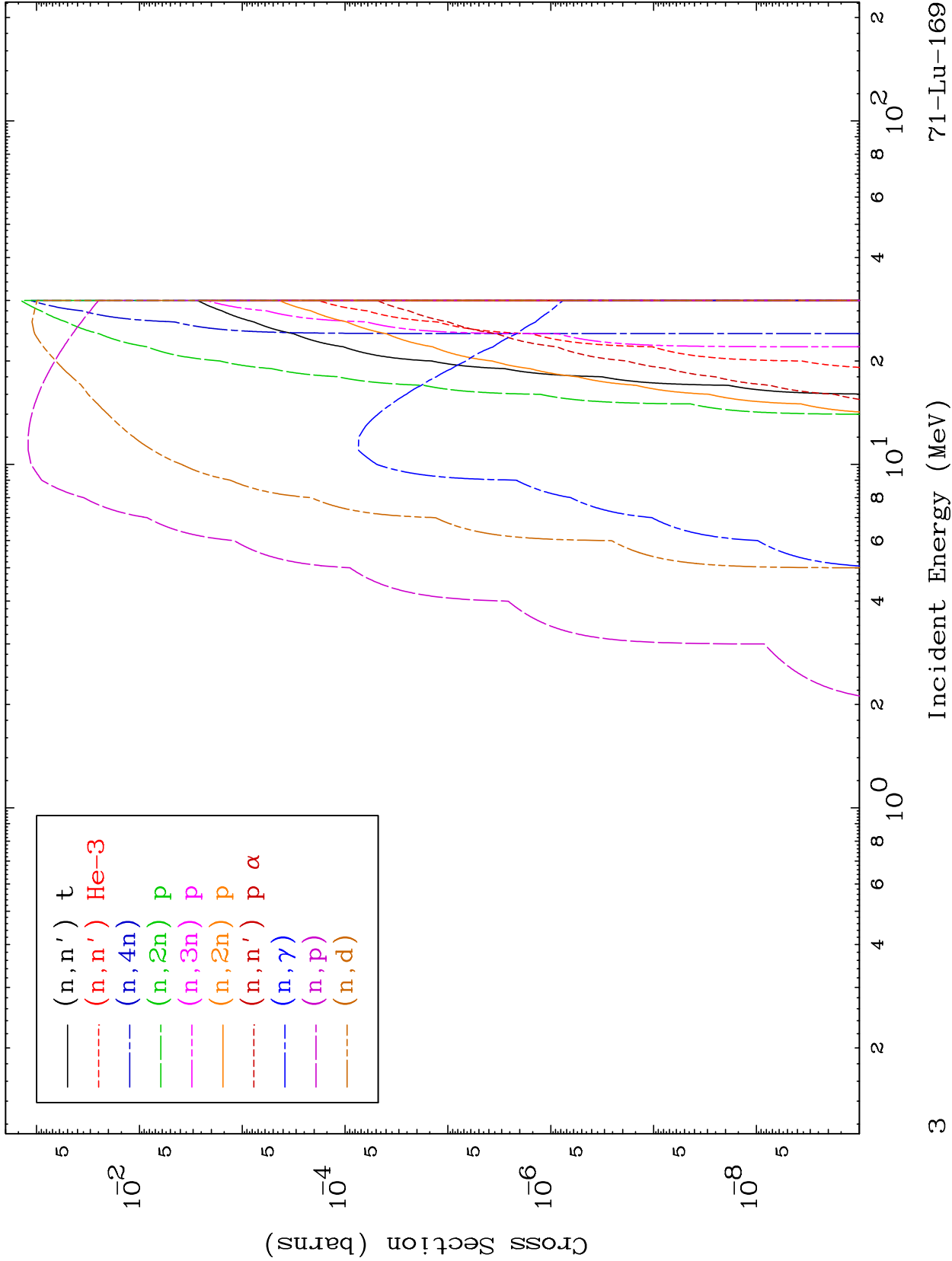


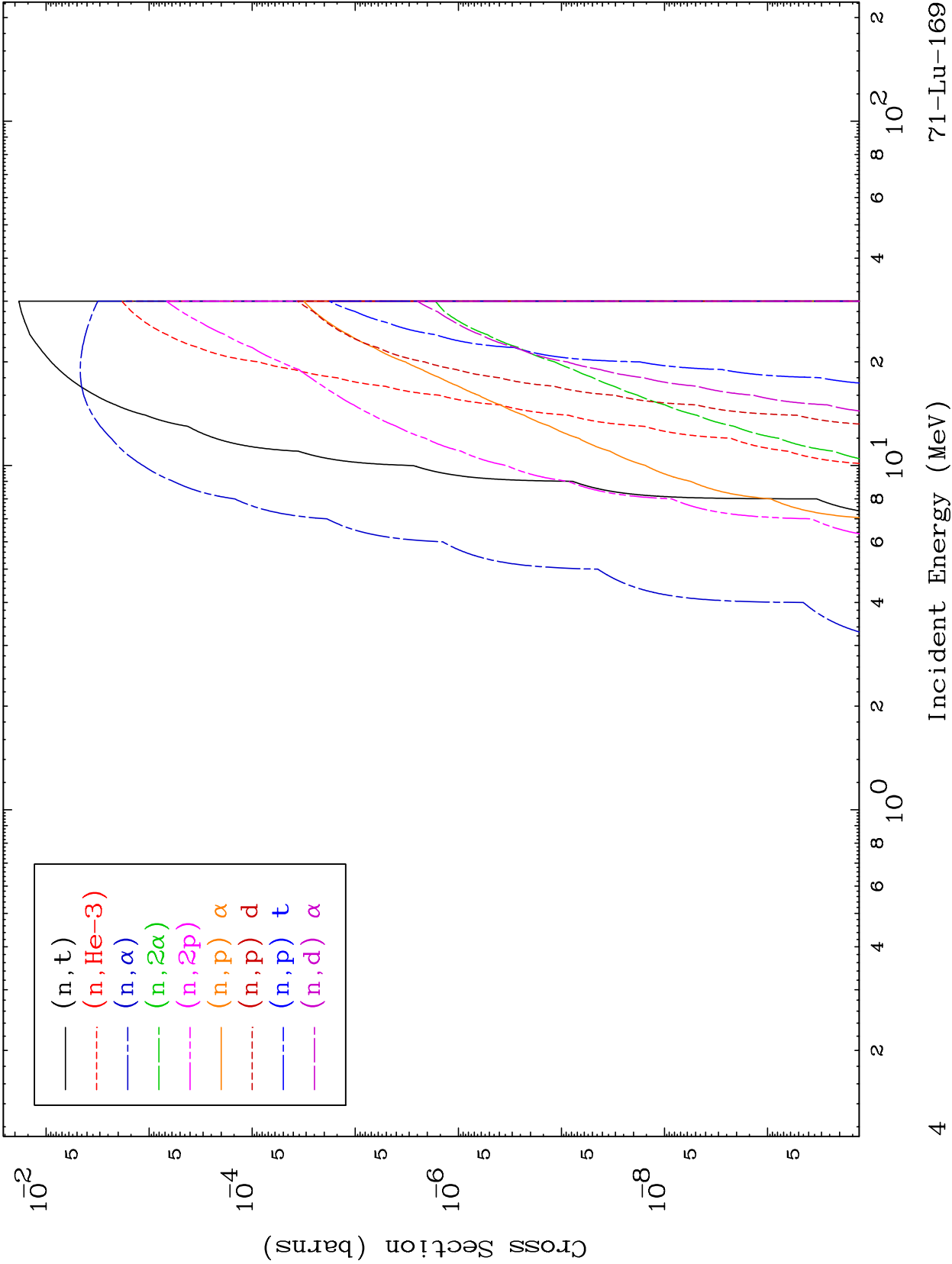
MAT 7107

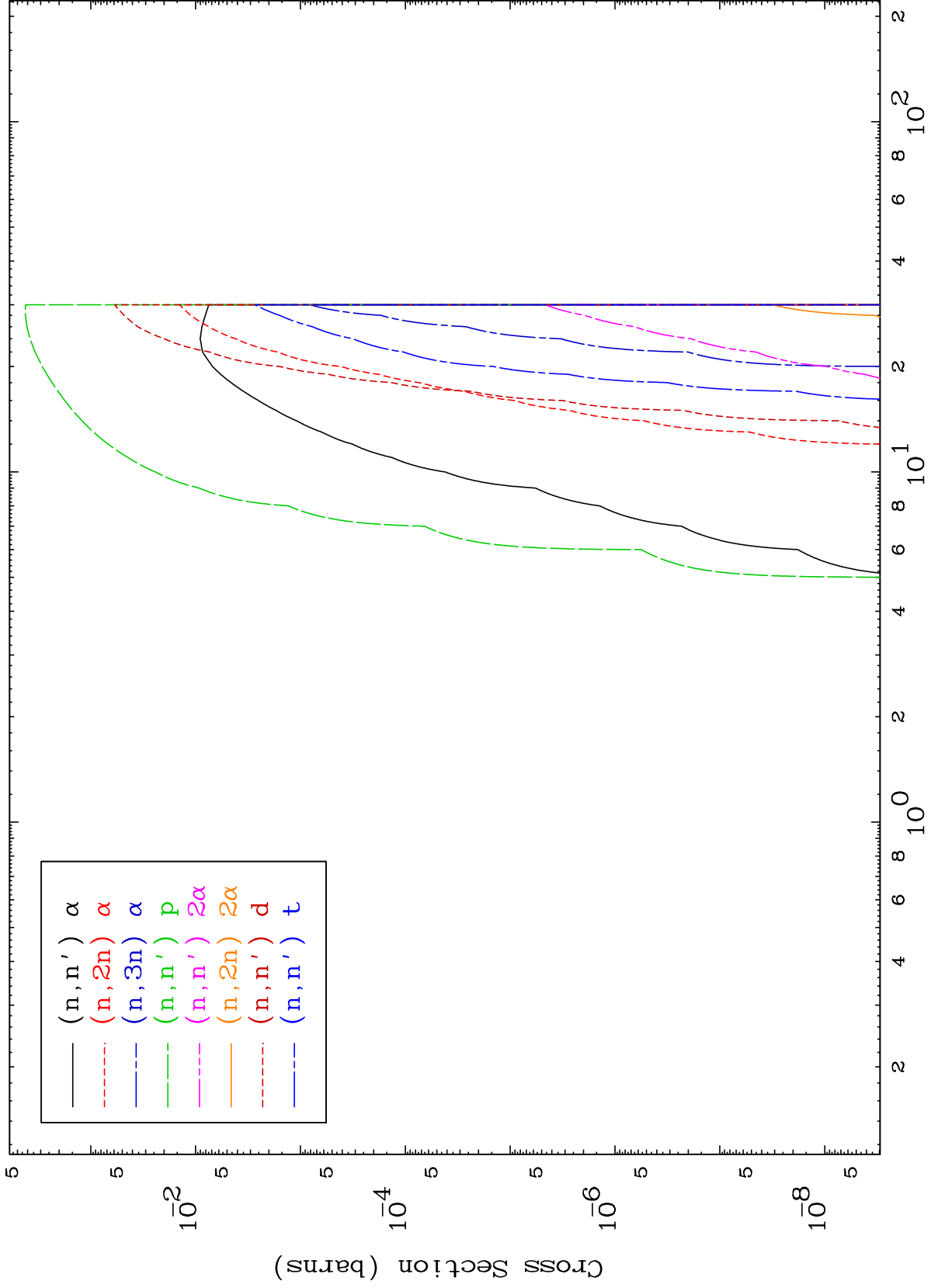
Deuteron Neutron Absorption
0 Kelvin Cross Sections

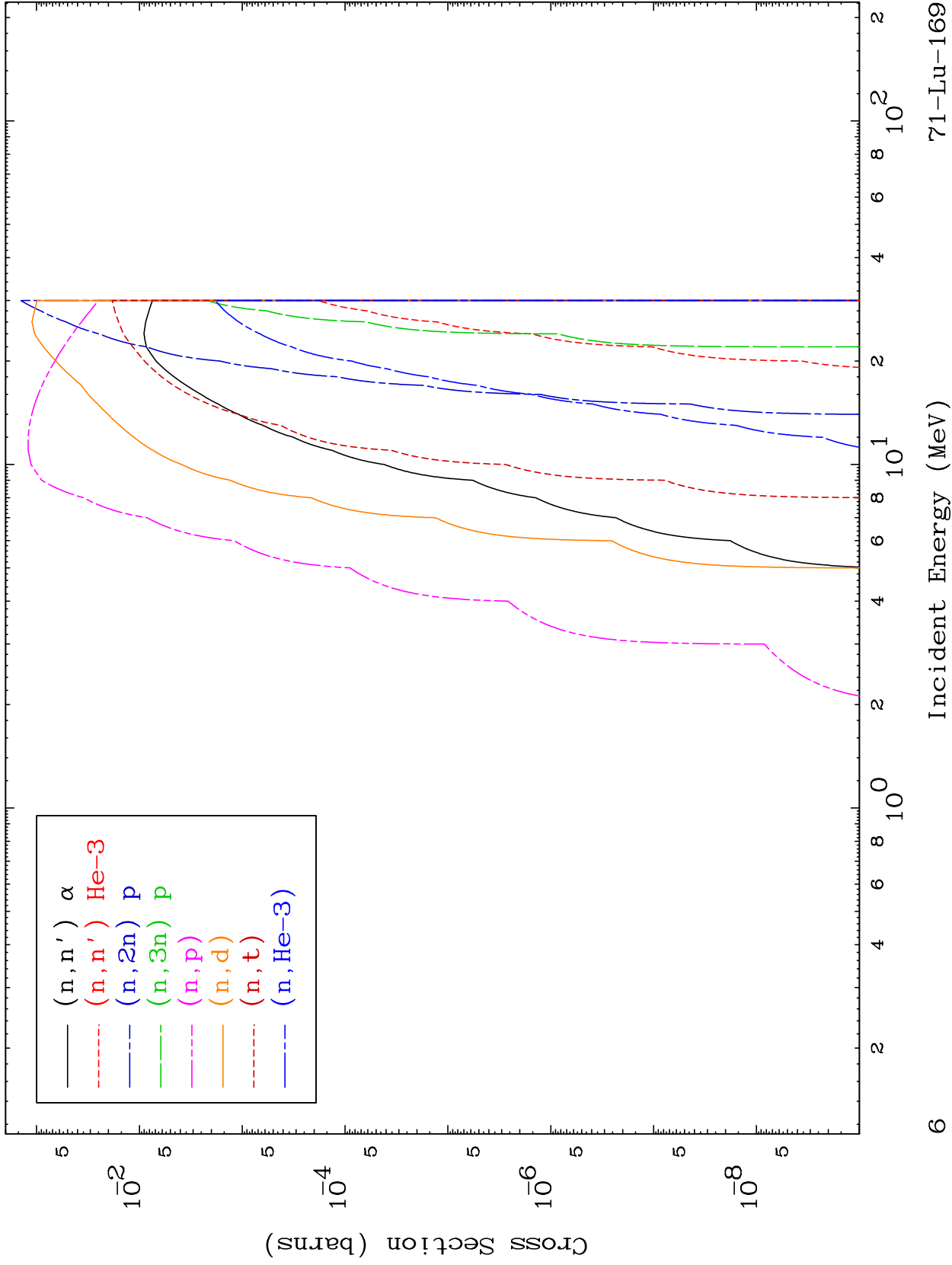
⁷¹Lu-169

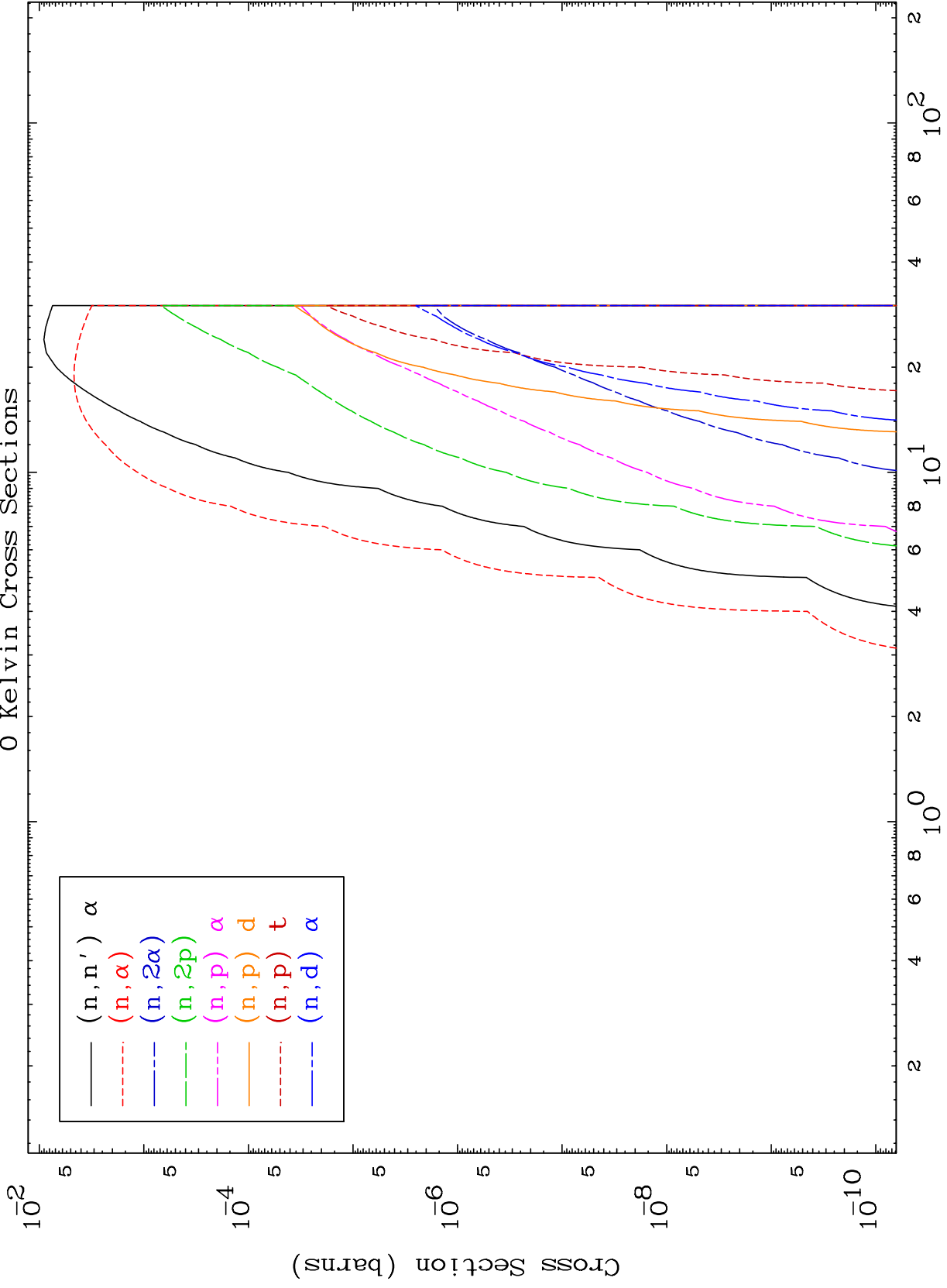










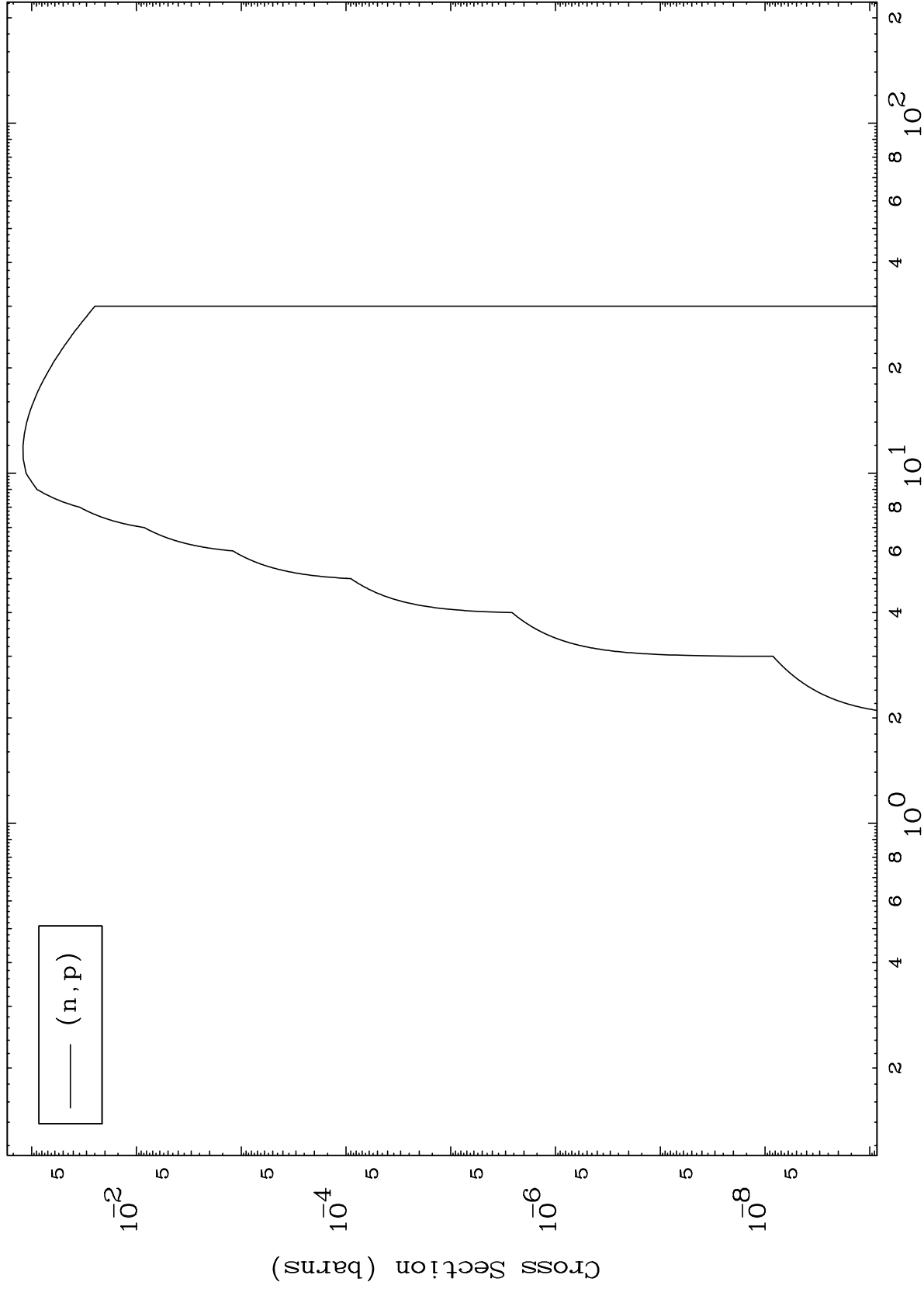


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(d,p) Levels

71-Lu-169

0 Kelvin Cross Sections

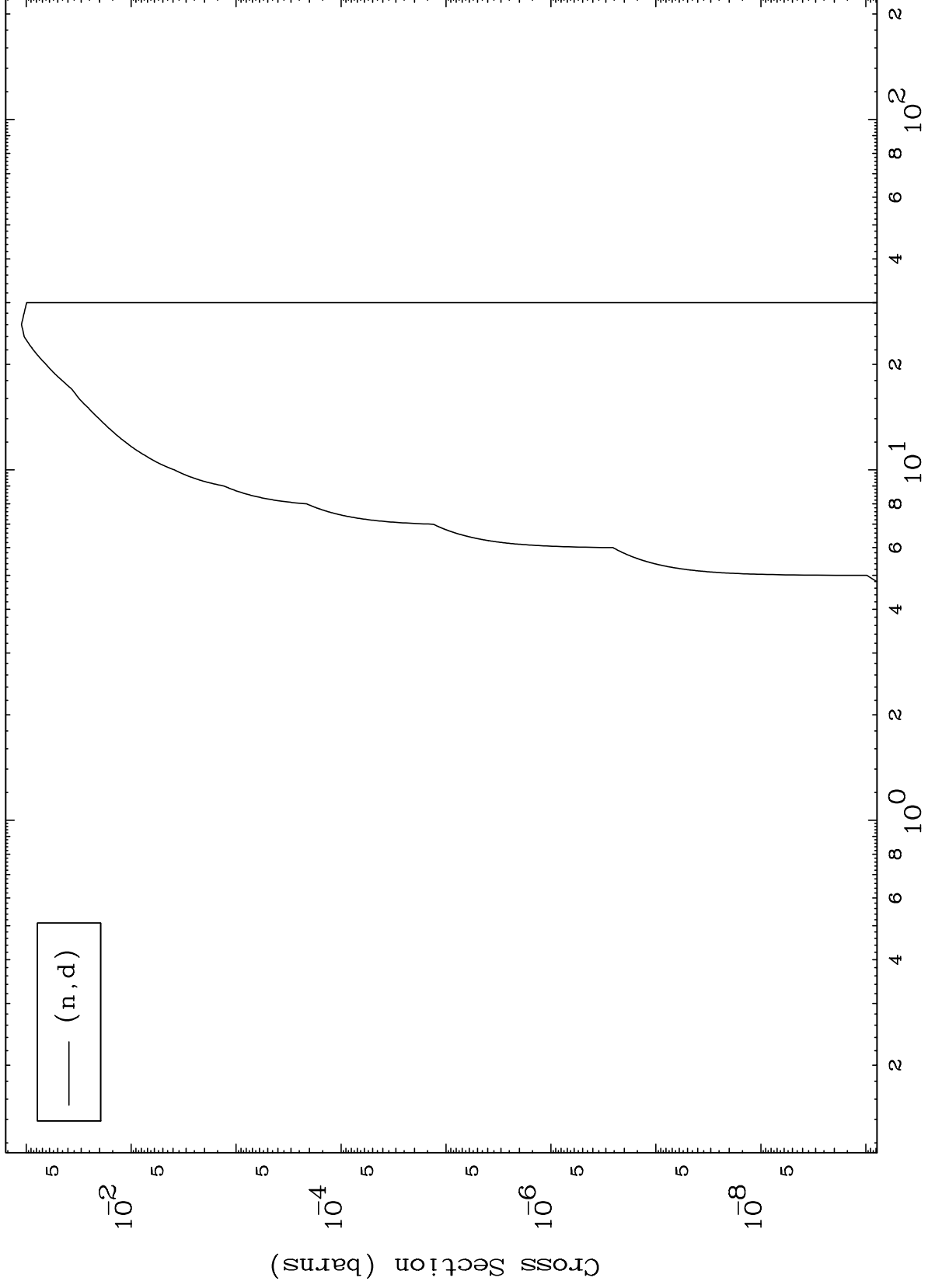


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(d,d) Levels

71-Lu-169

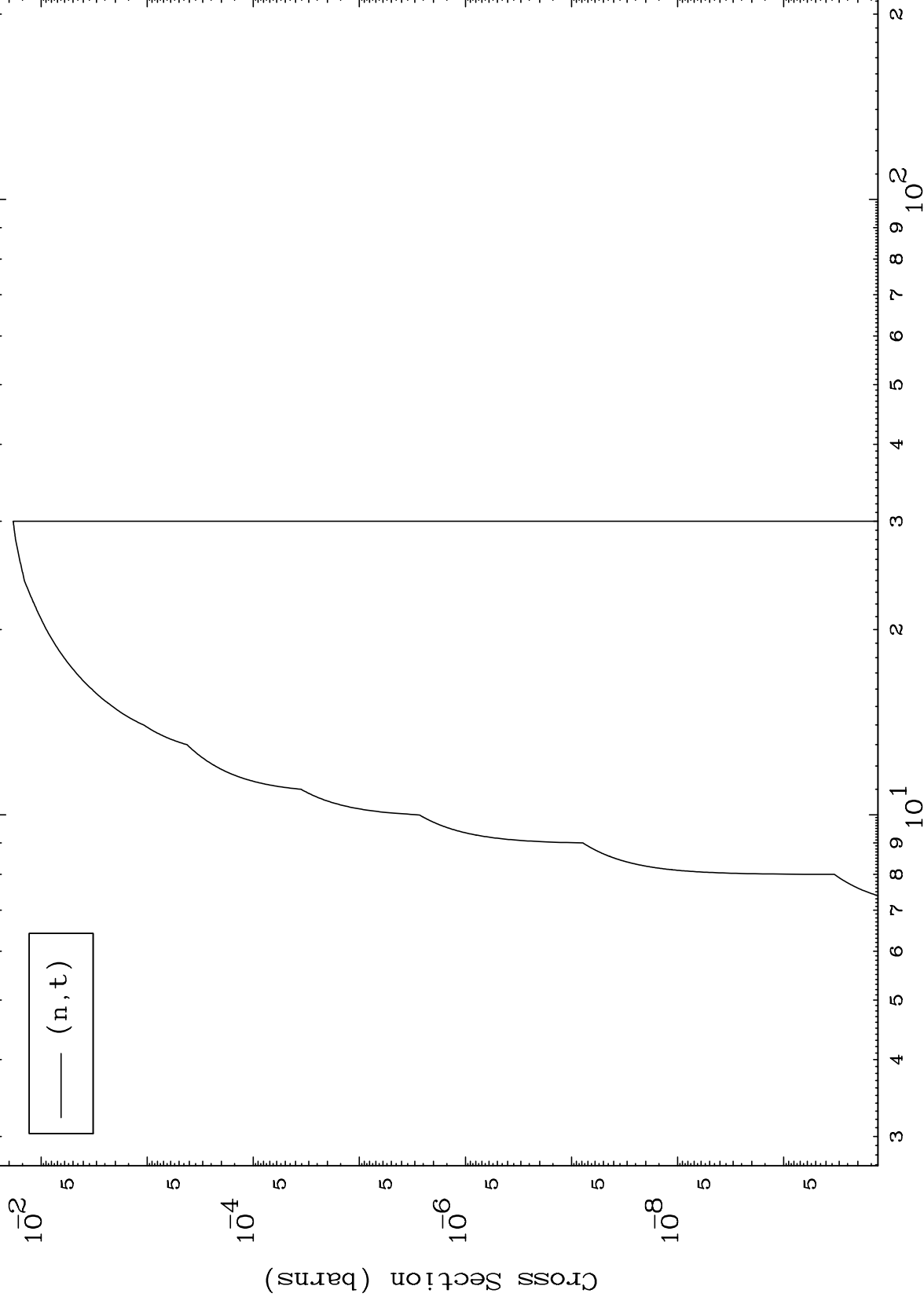
0 Kelvin Cross Sections



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(d, t) Levels
0 Kelvin Cross Sections

71-Lu-169



10

Incident Energy (MeV)

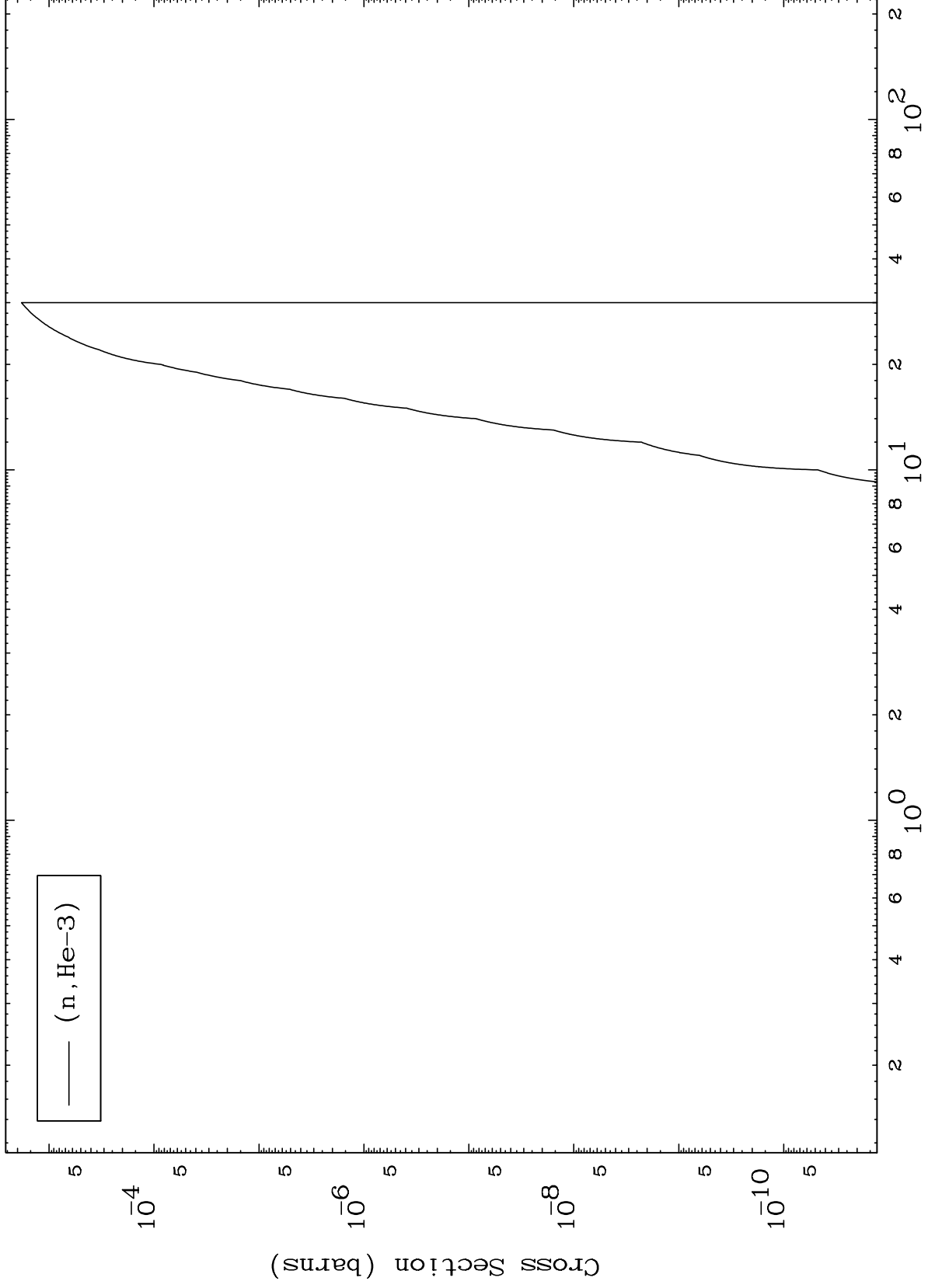
71-Lu-169

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(d,He3) Levels

71-Lu-169

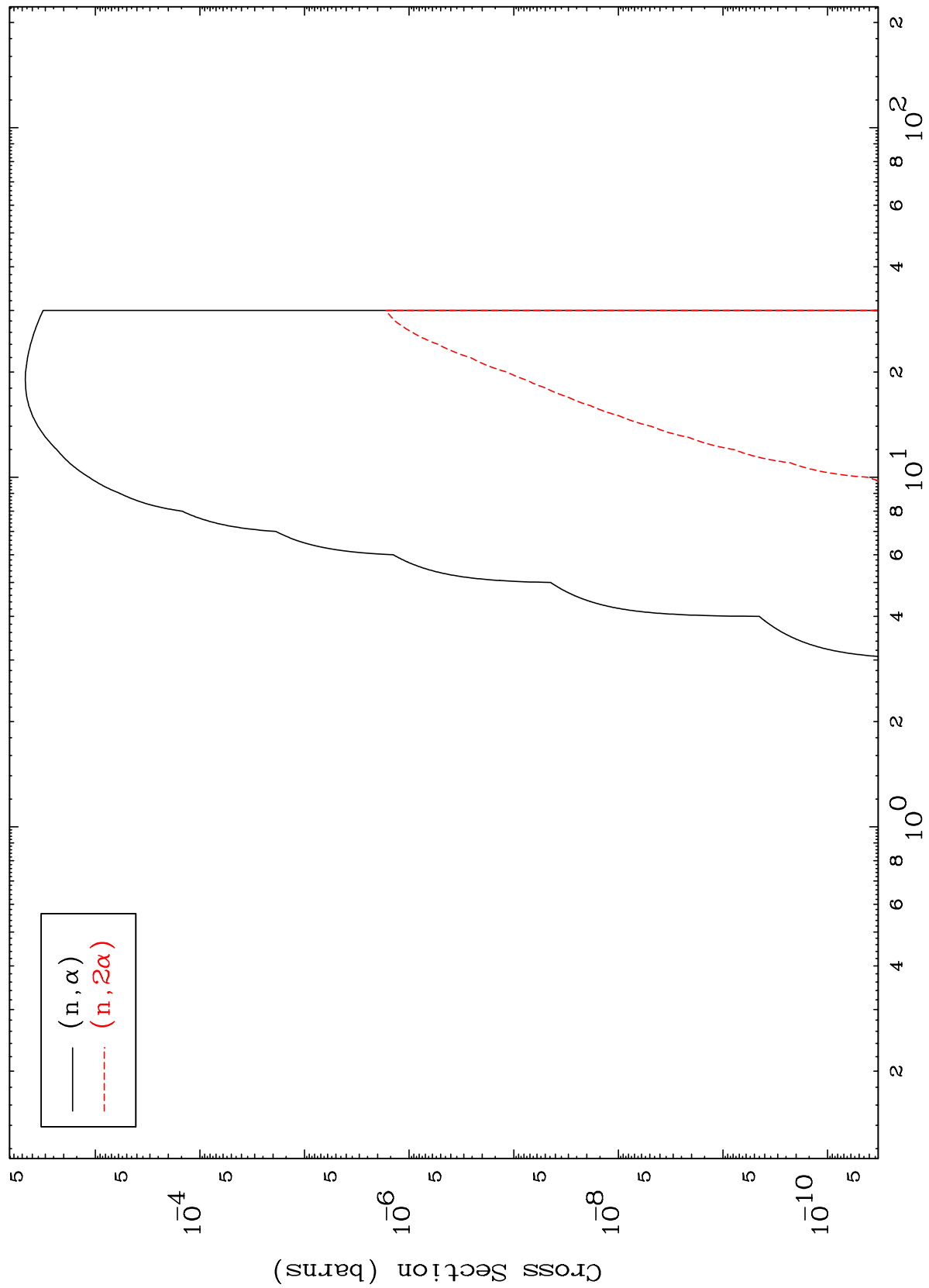
0 Kelvin Cross Sections



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71-Lu-169

(d, α) Levels
0 Kelvin Cross Sections



71-Lu-169

Incident Energy (MeV)

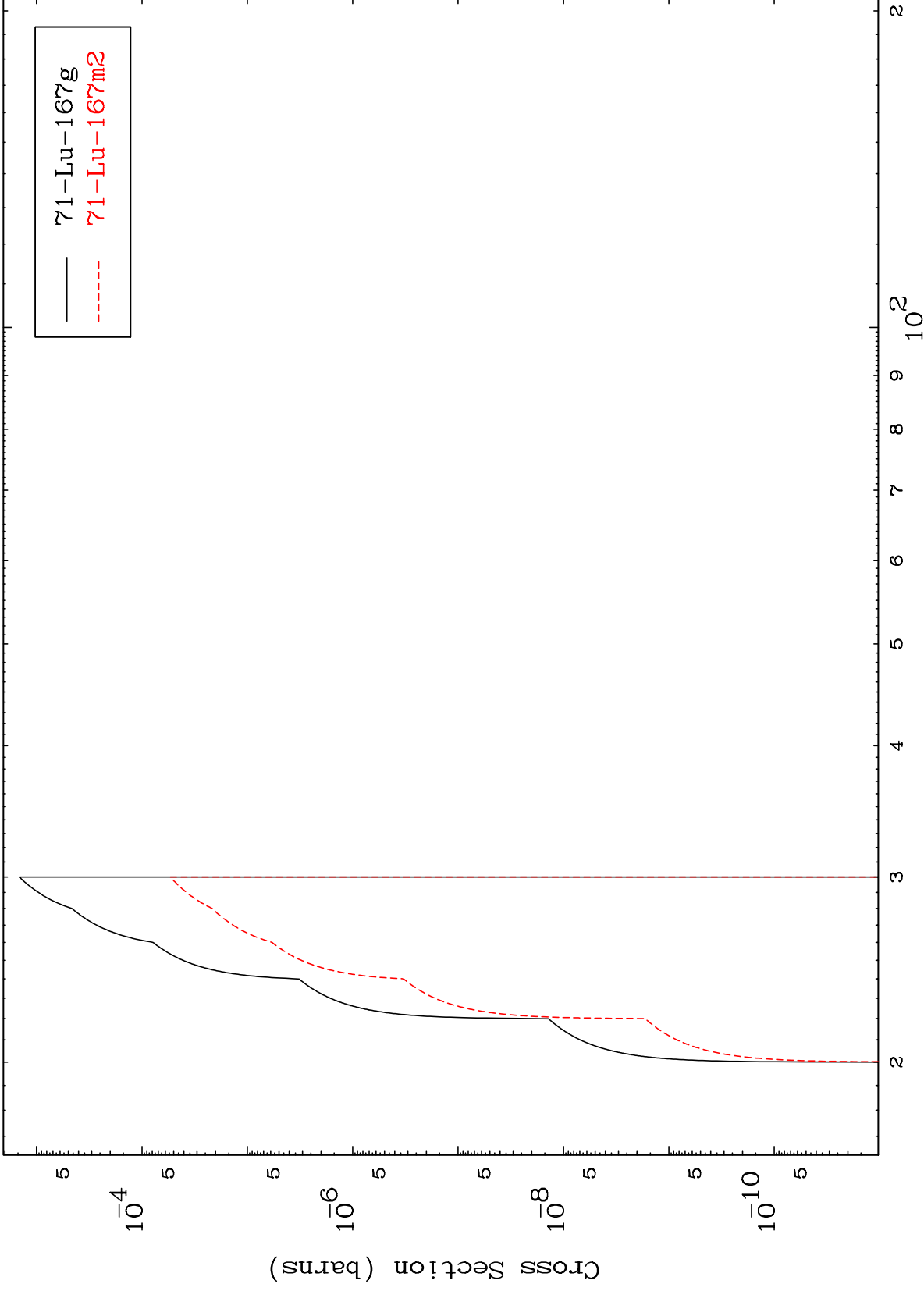
12

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(n,2n) d

71-Lu-169

Radionuclide Production Cross Section



13

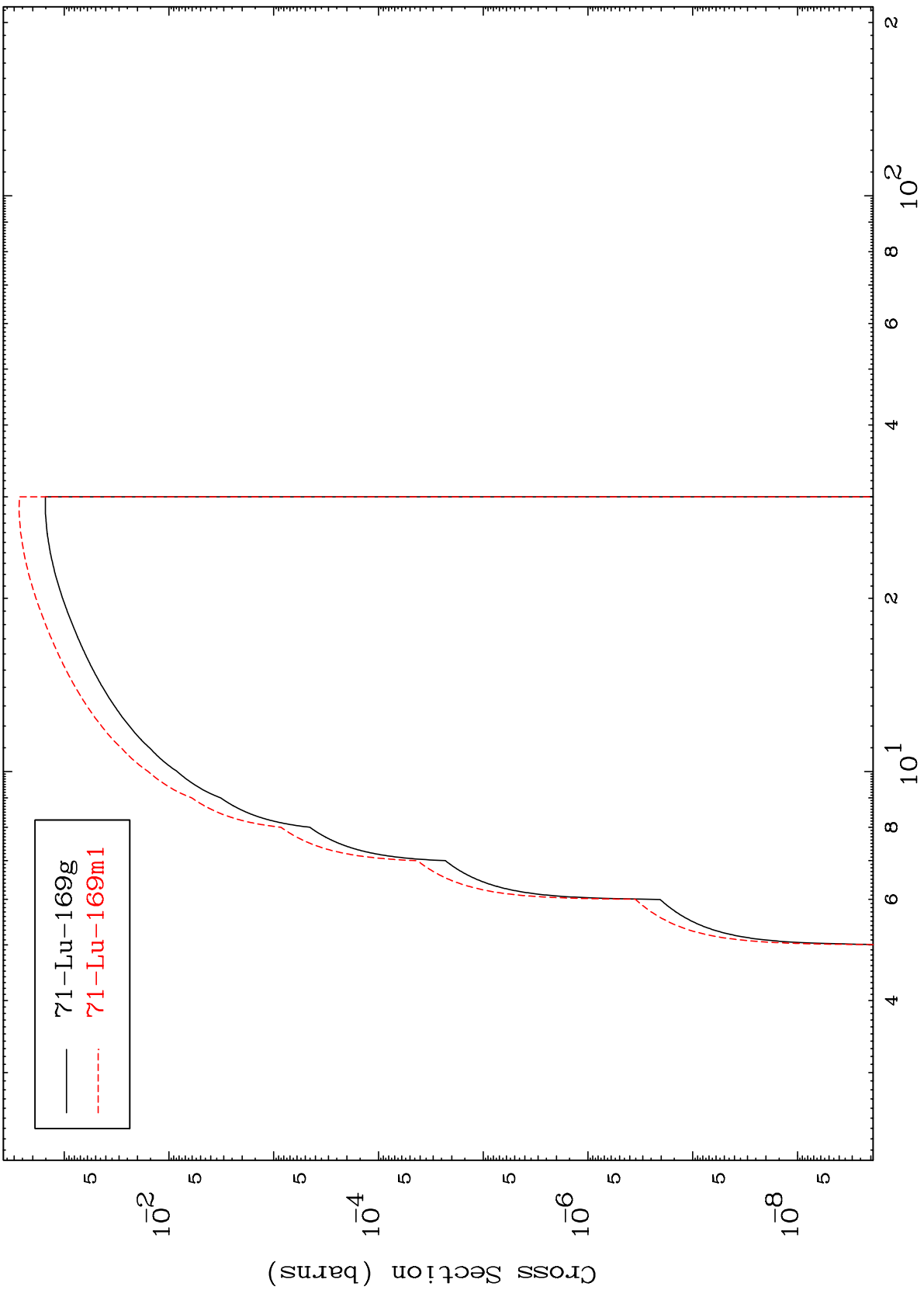
Incident Energy (MeV)

71-Lu-169

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⁷¹Lu-169

(n,n') p
Radionuclide Production Cross Section



14

⁷¹Lu-169

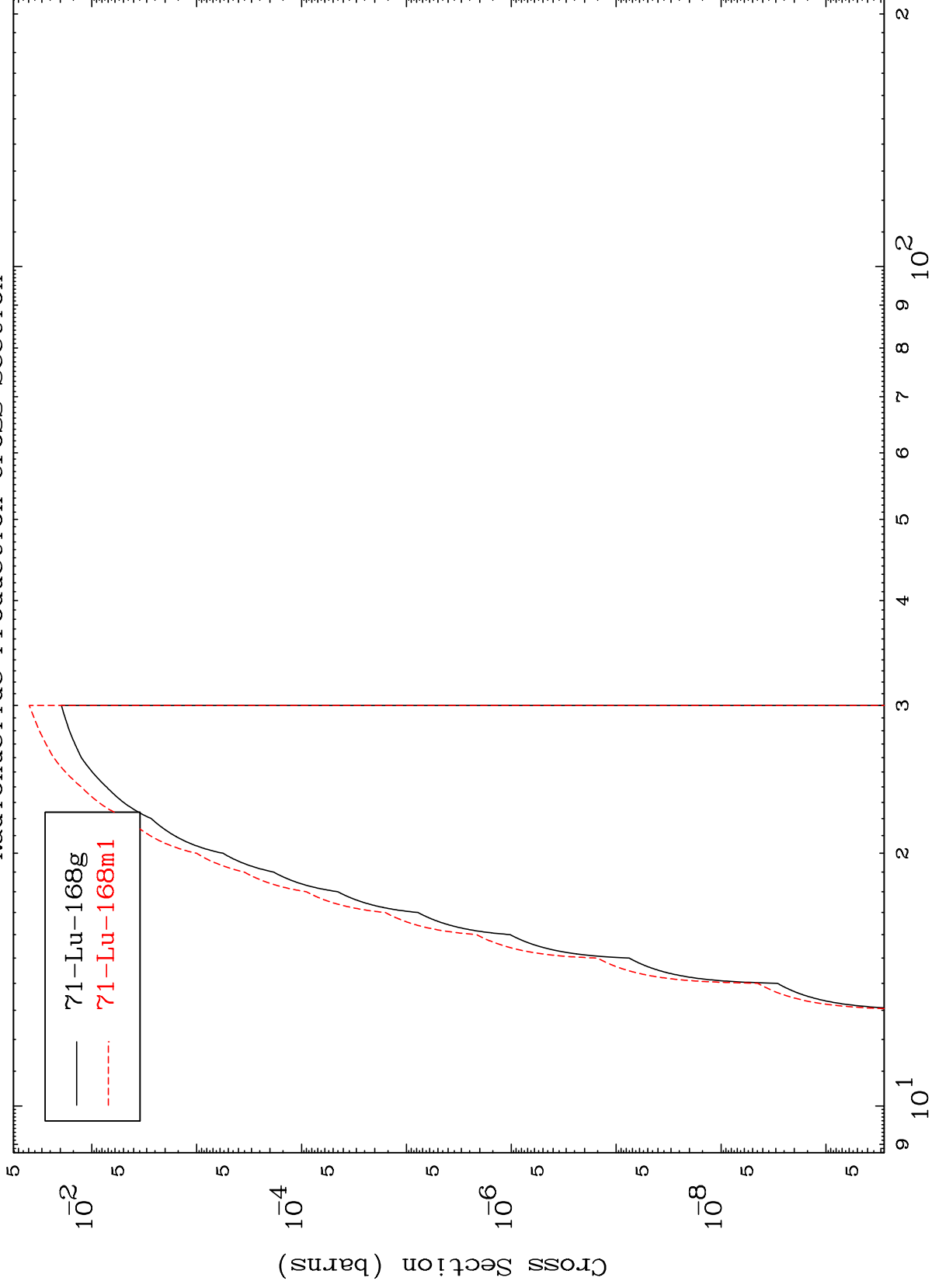
Incident Energy (MeV)

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(n,n') d

71-Lu-169

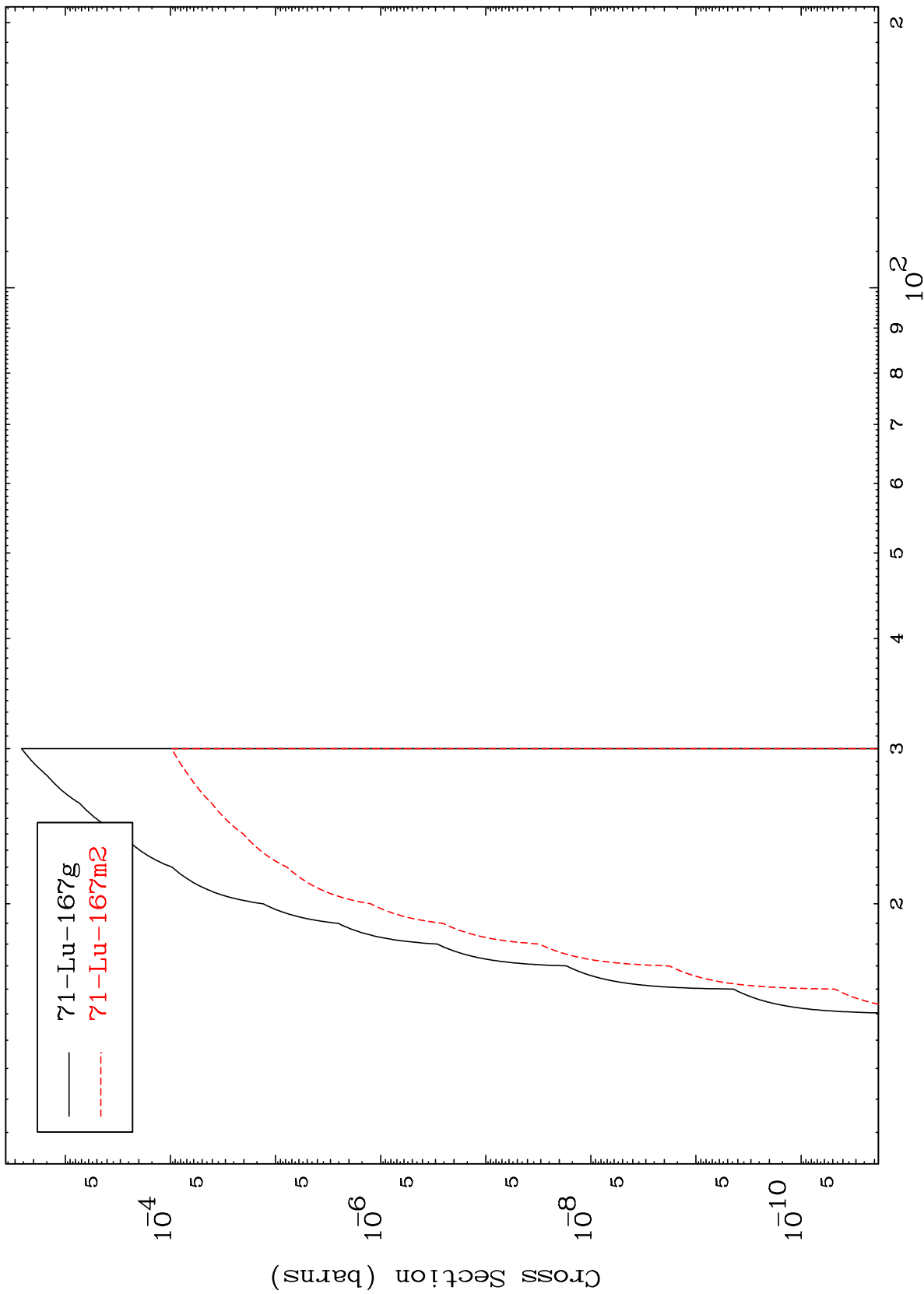
Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-169

Radionuclide Production Cross Section

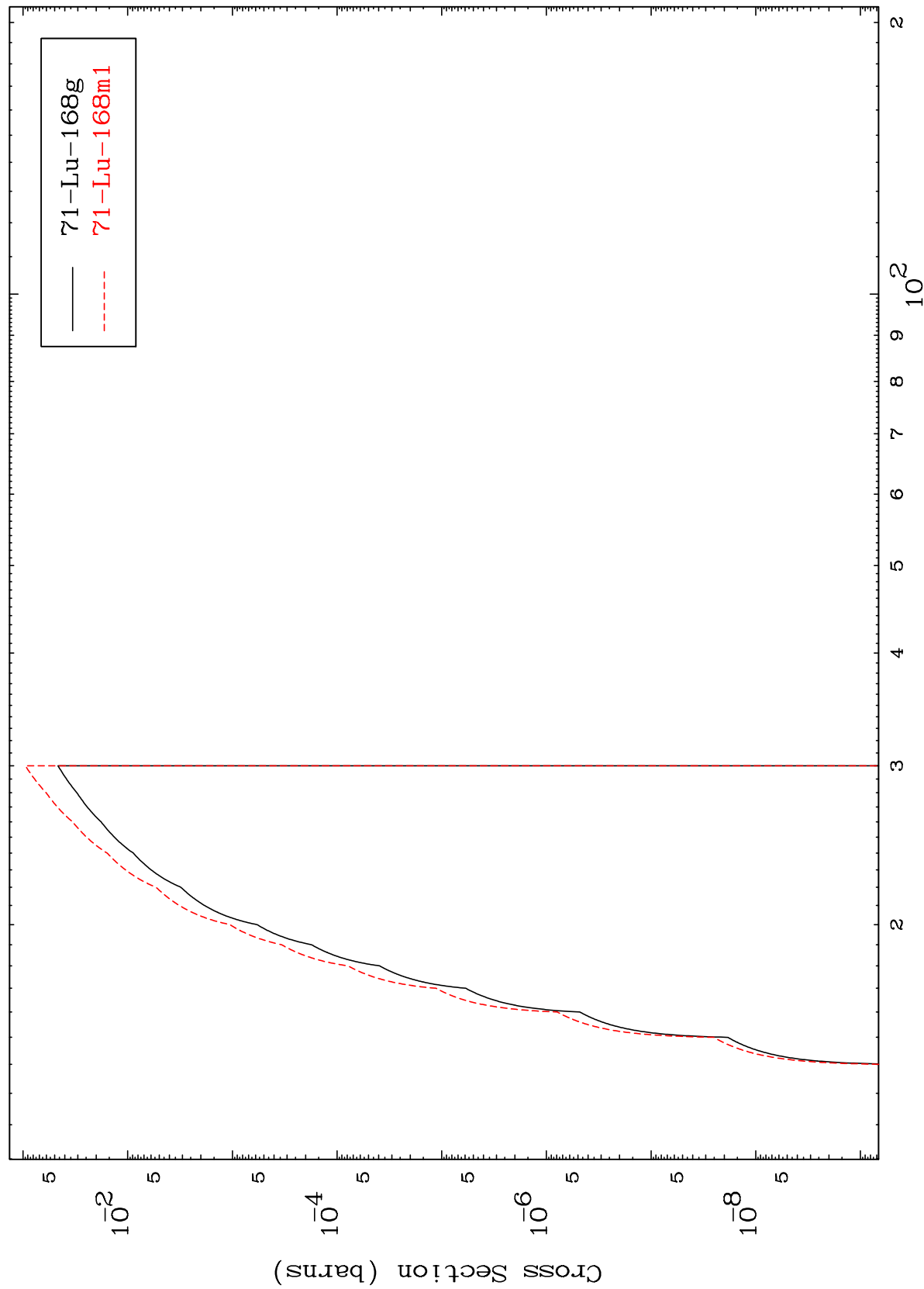


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(n,2n) p

71-Lu-169

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

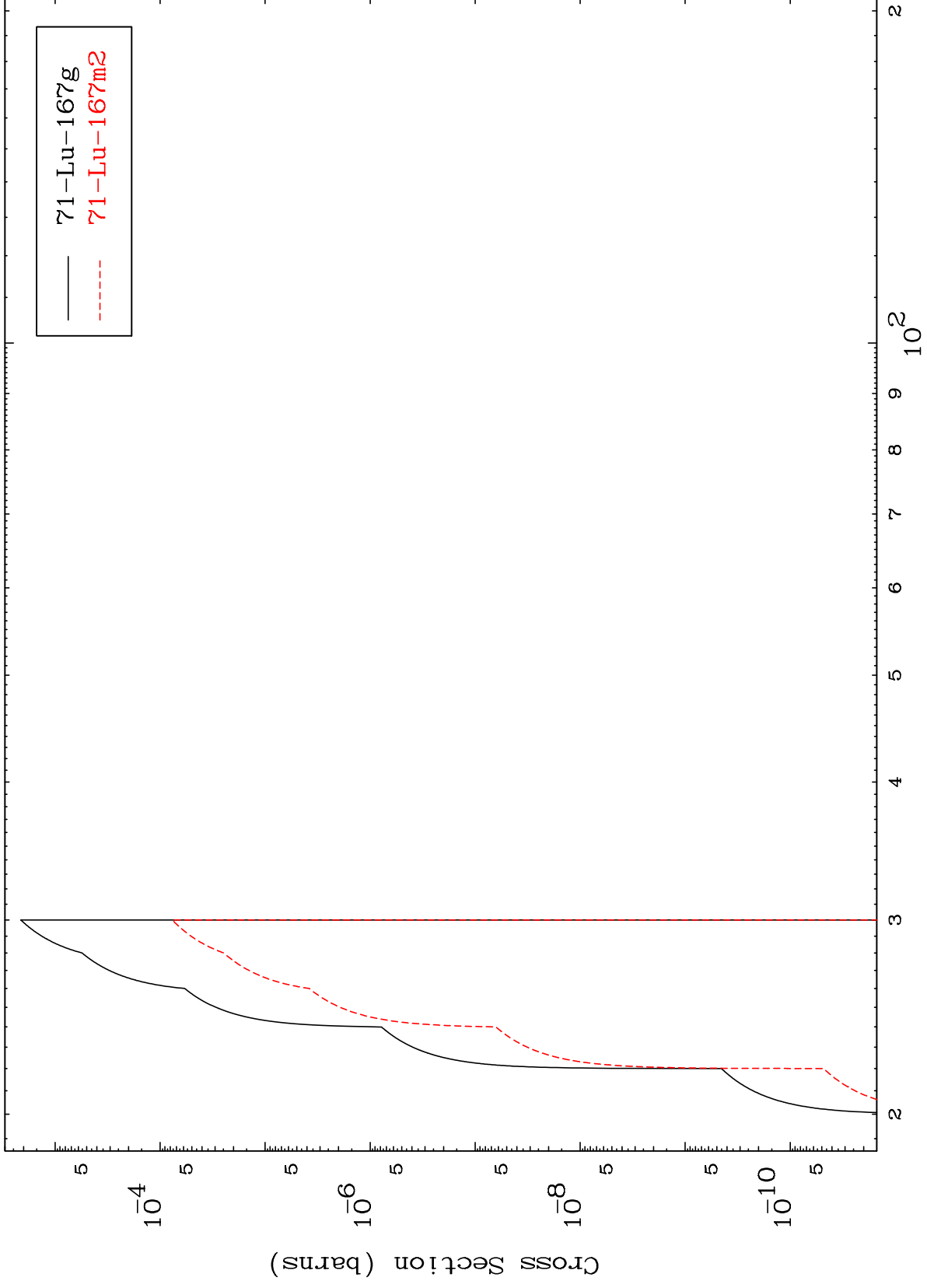
71-Lu-169

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(n,3n) p

71-Lu-169

Radionuclide Production Cross Section



18

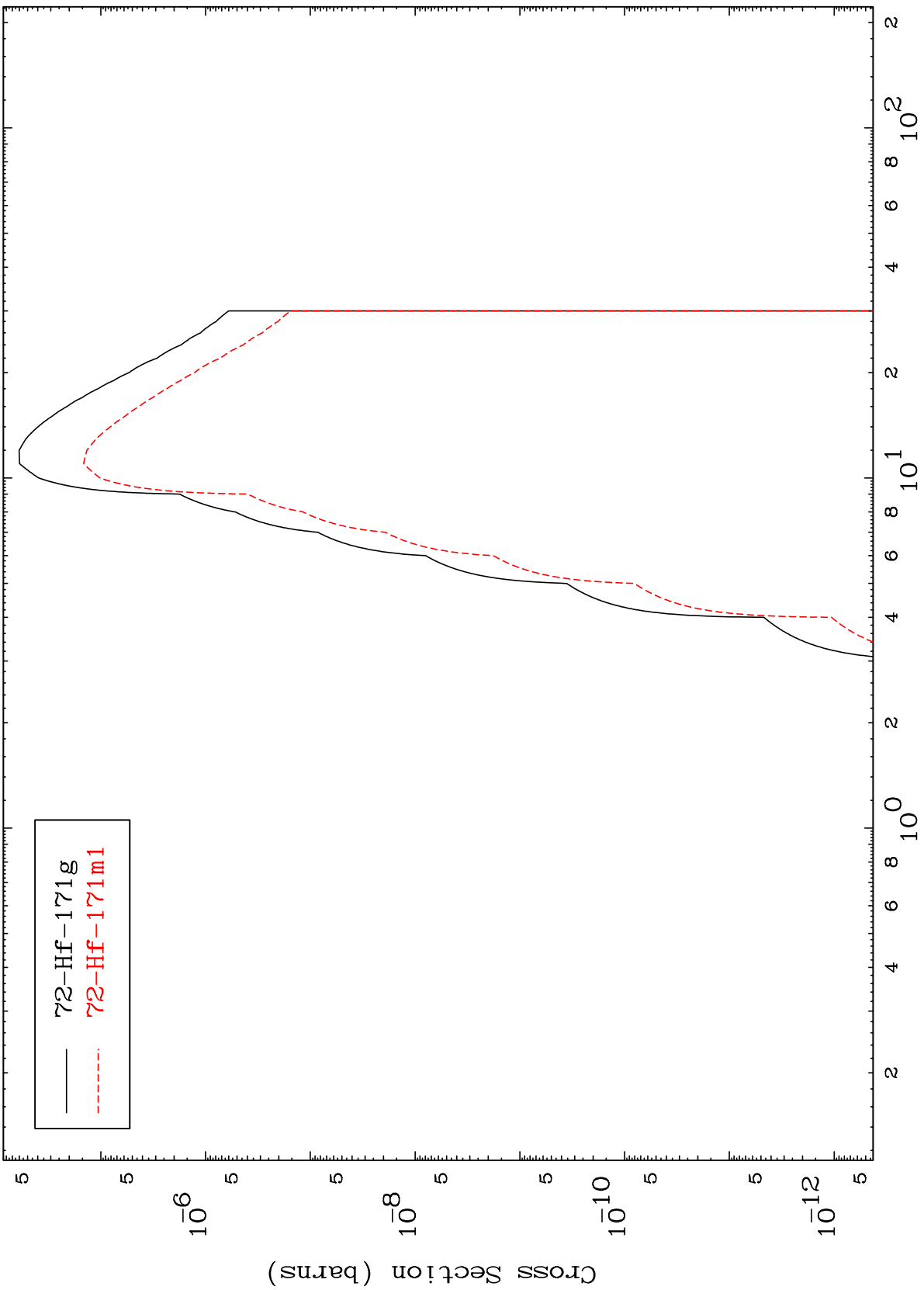
Incident Energy (MeV)

71-Lu-169

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71-Lu-169

Radionuclide Production Cross Section

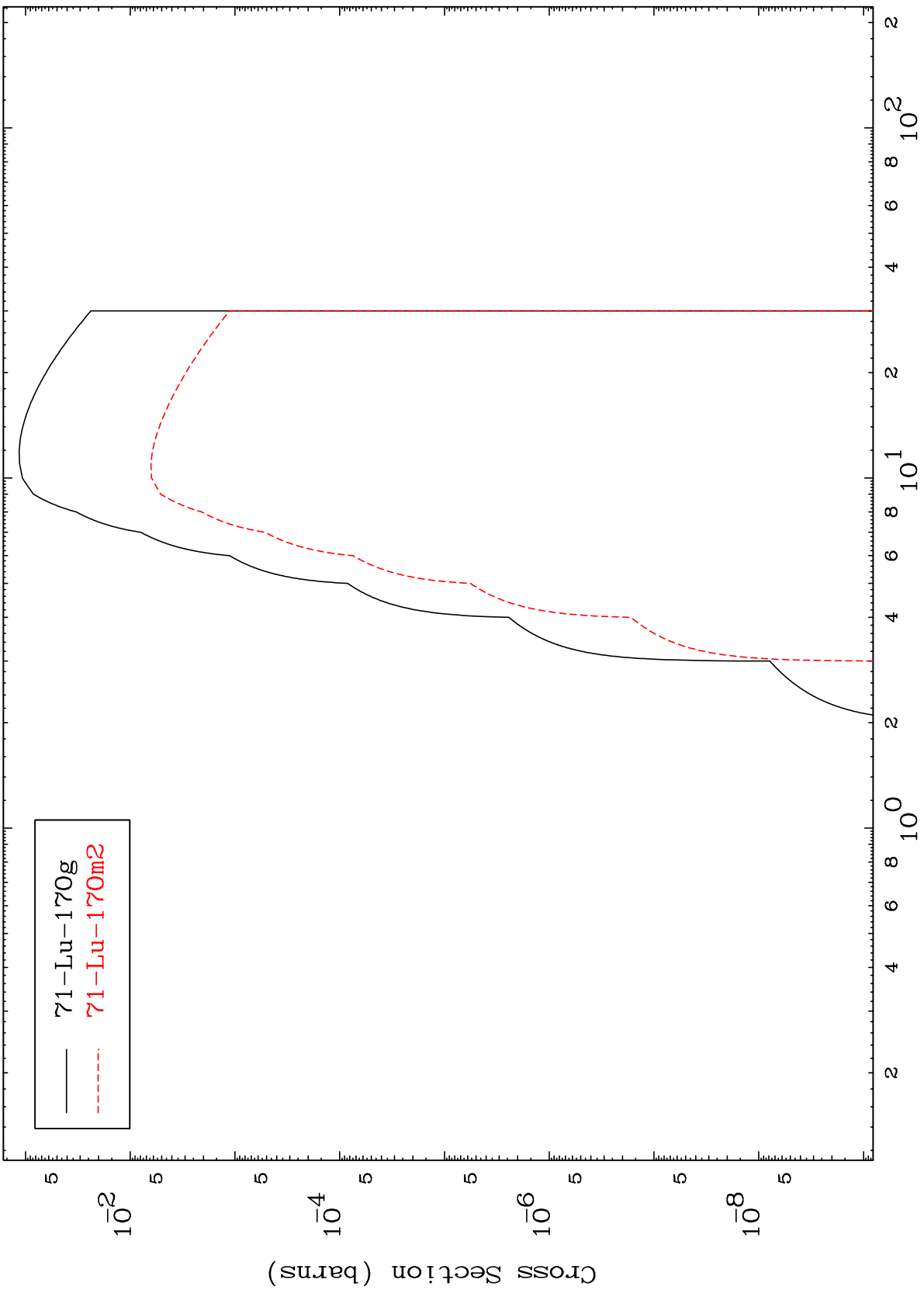


72-Hf-171g
72-Hf-171m1

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⁷¹Lu-169

(n,p)
Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

20

Incident Energy (MeV)

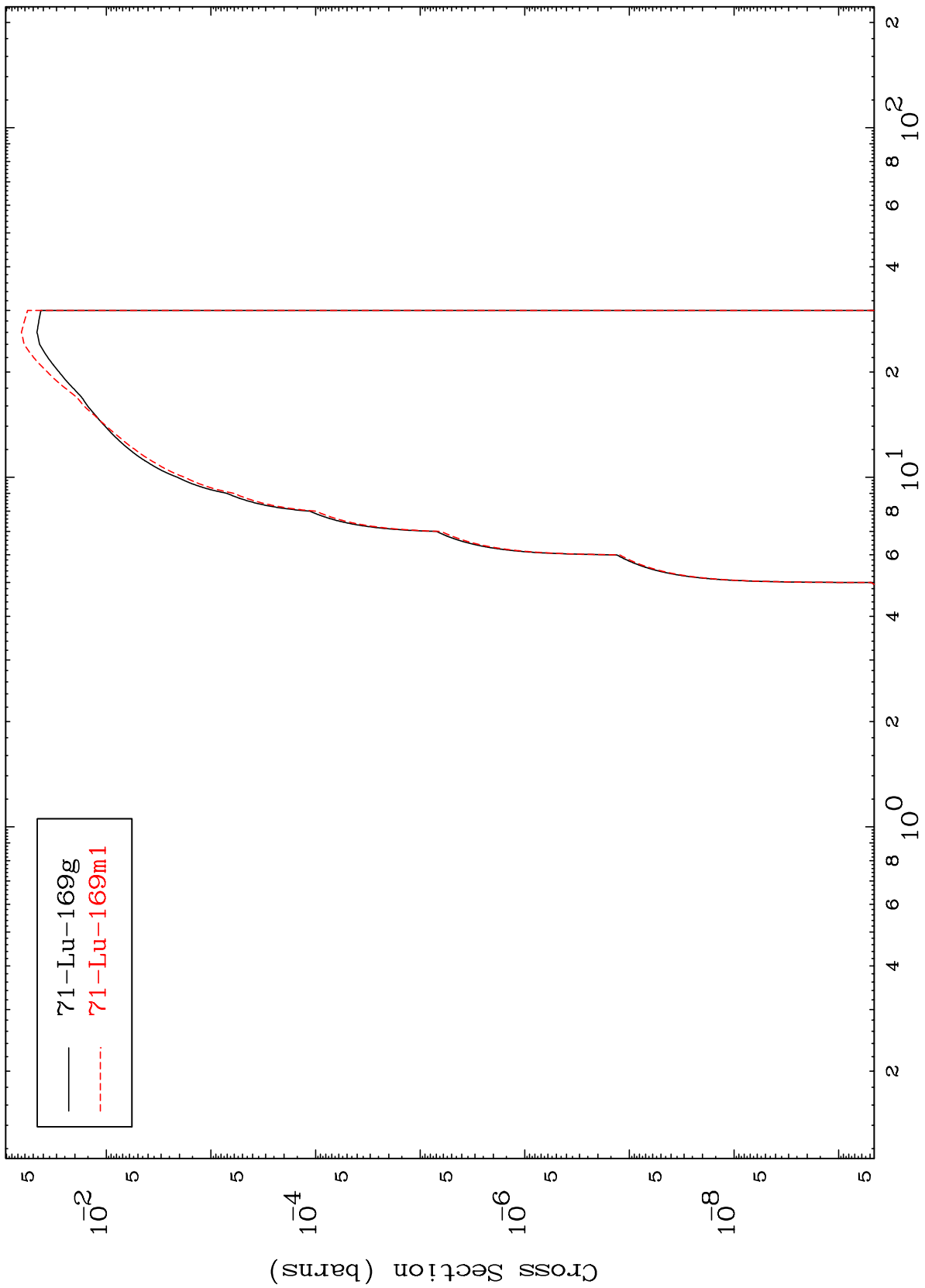
⁷¹Lu-169

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(n,d)

⁷¹Lu-169

Radionuclide Production Cross Section

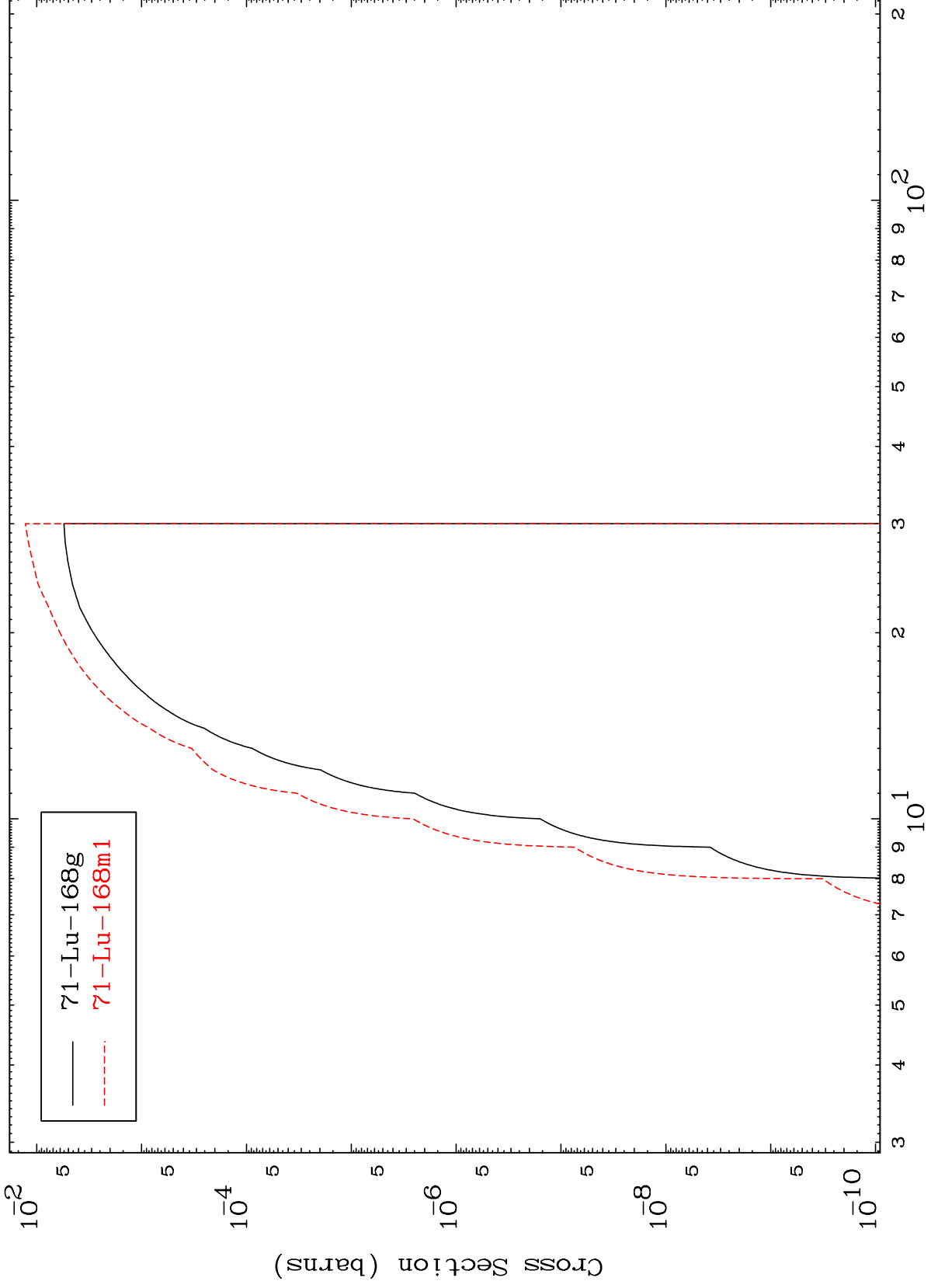


— ⁷¹Lu-169g
- - - ⁷¹Lu-169m1

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⁷¹Lu-169

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷¹Lu-169

22

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(n,2p)

71-Lu-169

Radionuclide Production Cross Section

