

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

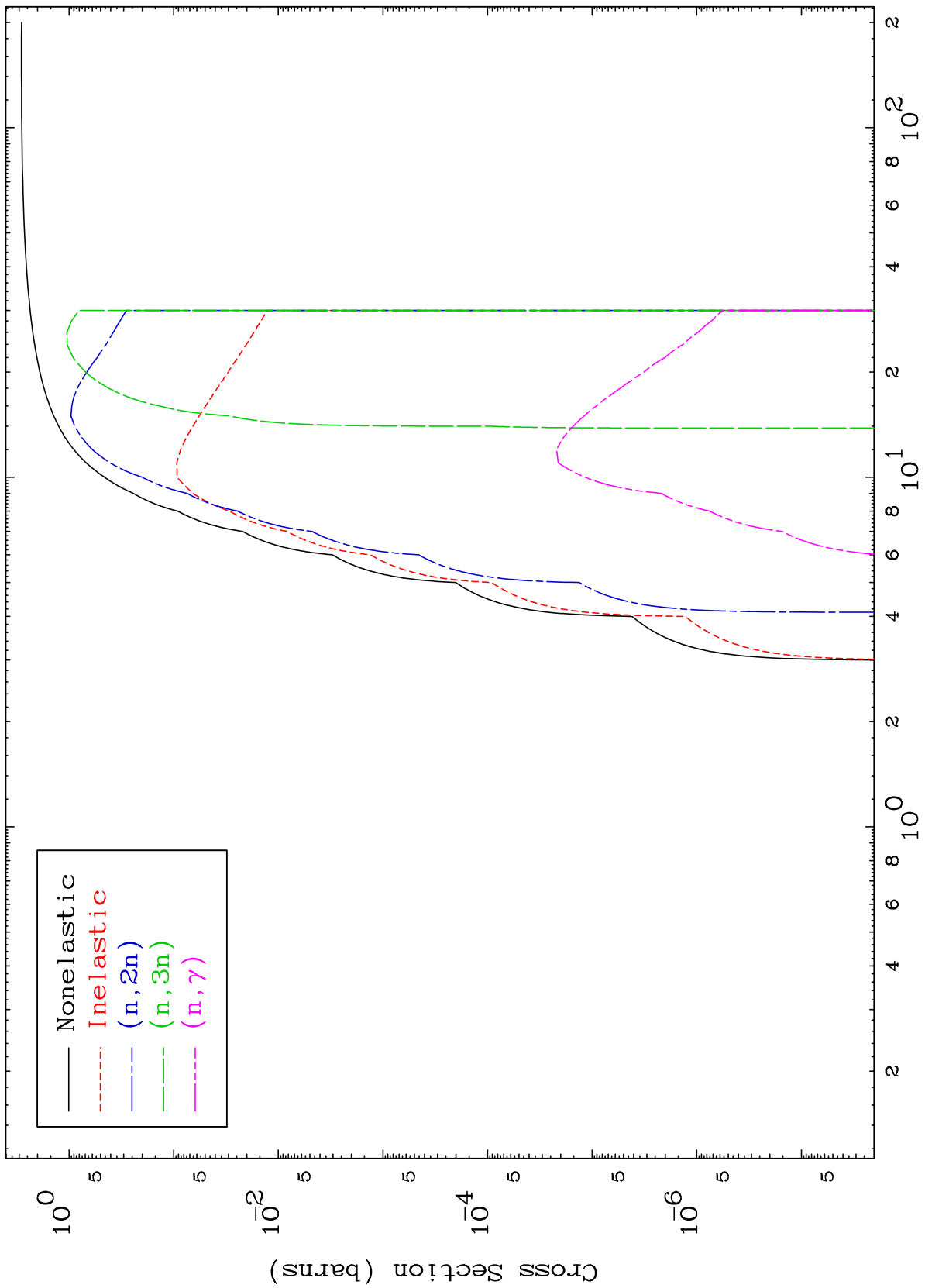
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

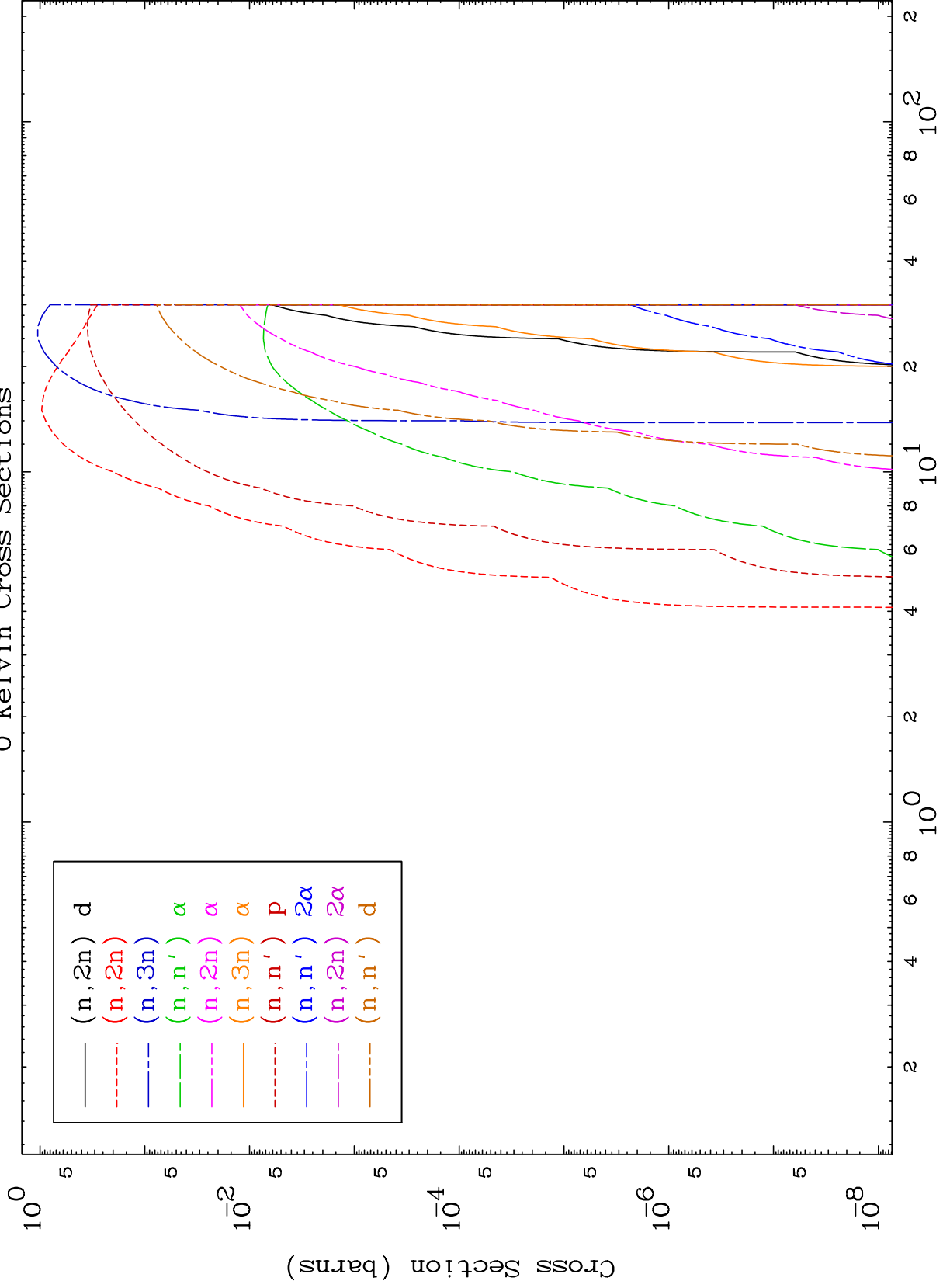
Press Mouse Button to Start



MAT 7110

Deuteron Neutron Absorption
0 Kelvin Cross Sections

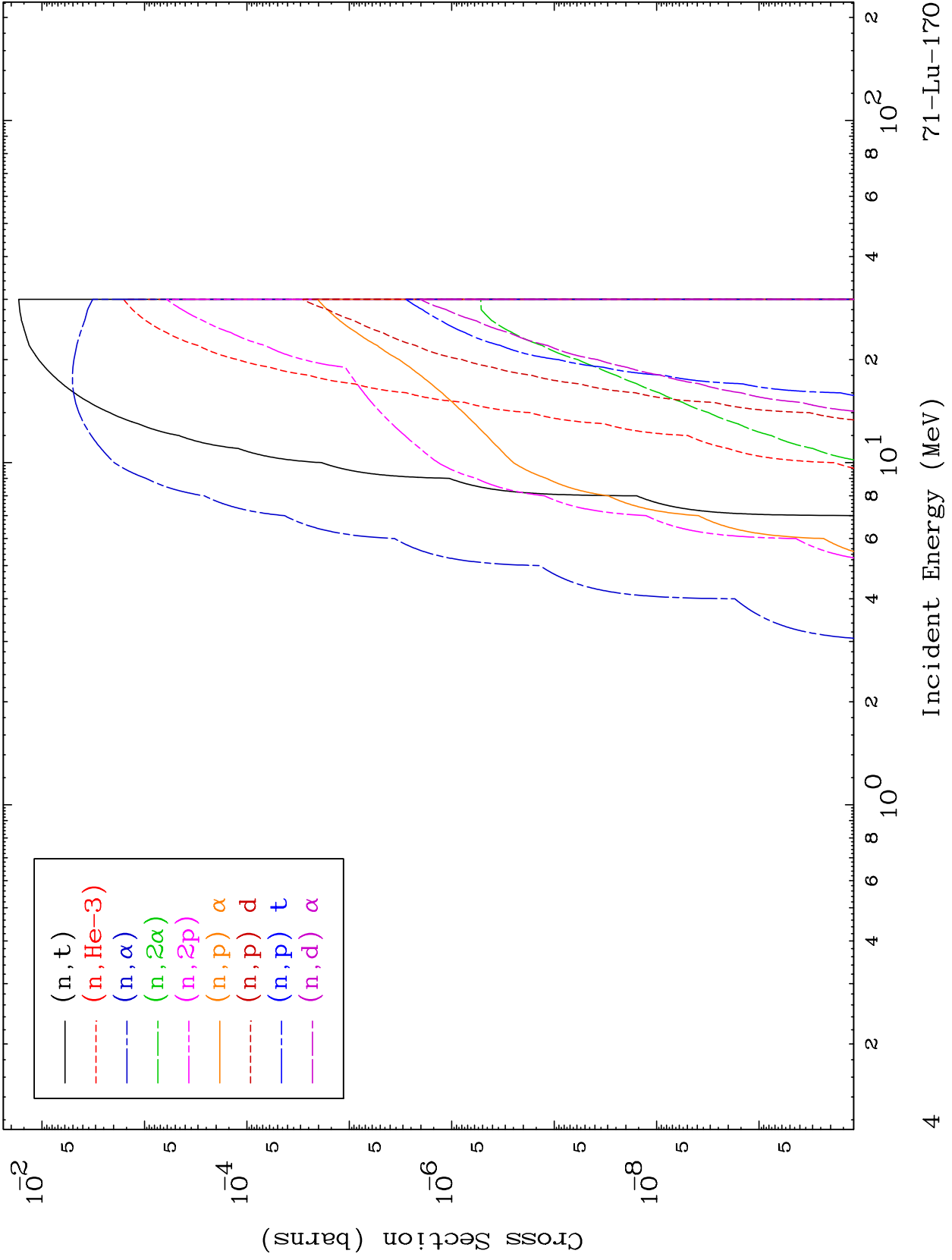
71-Lu-170

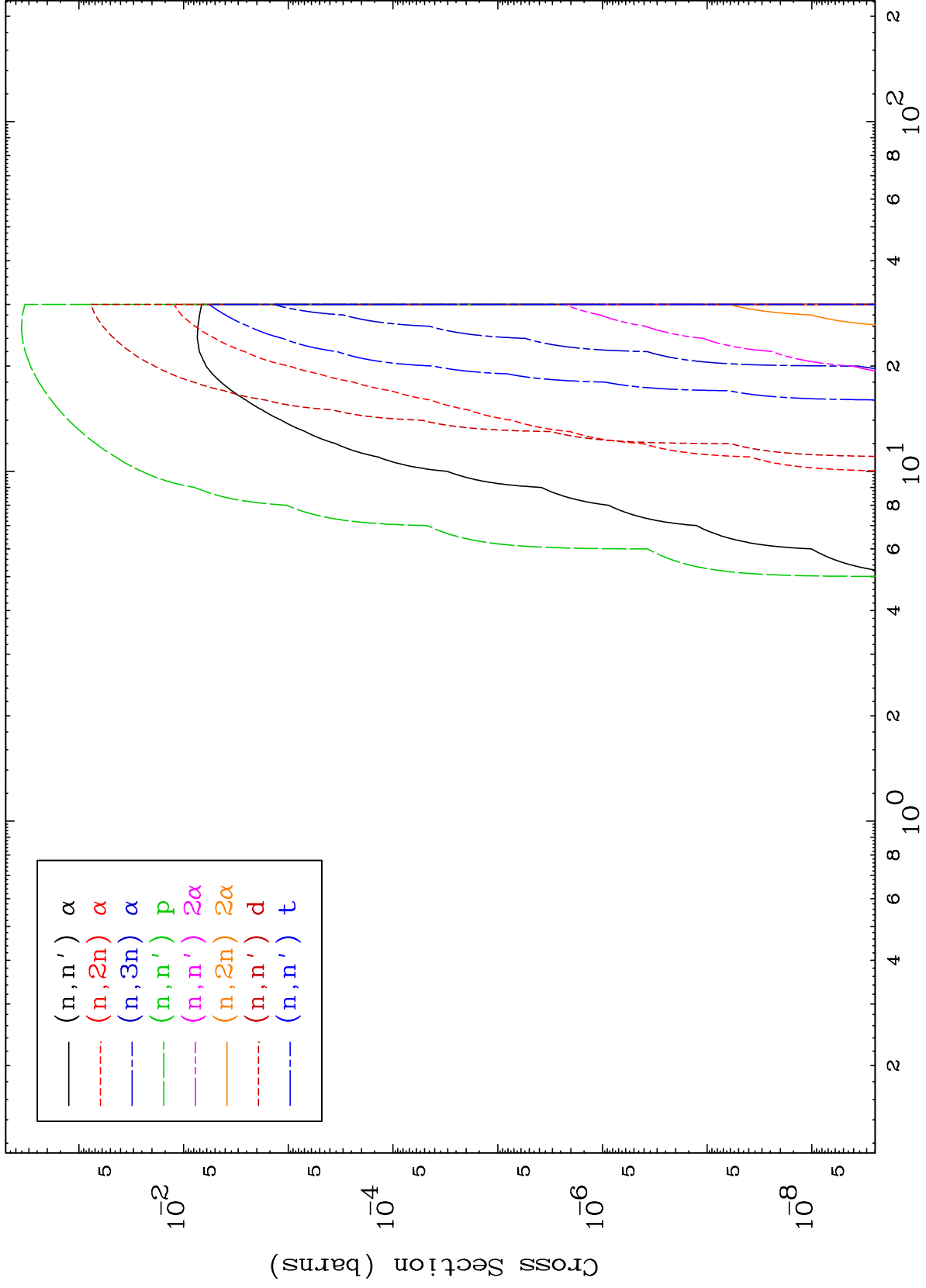


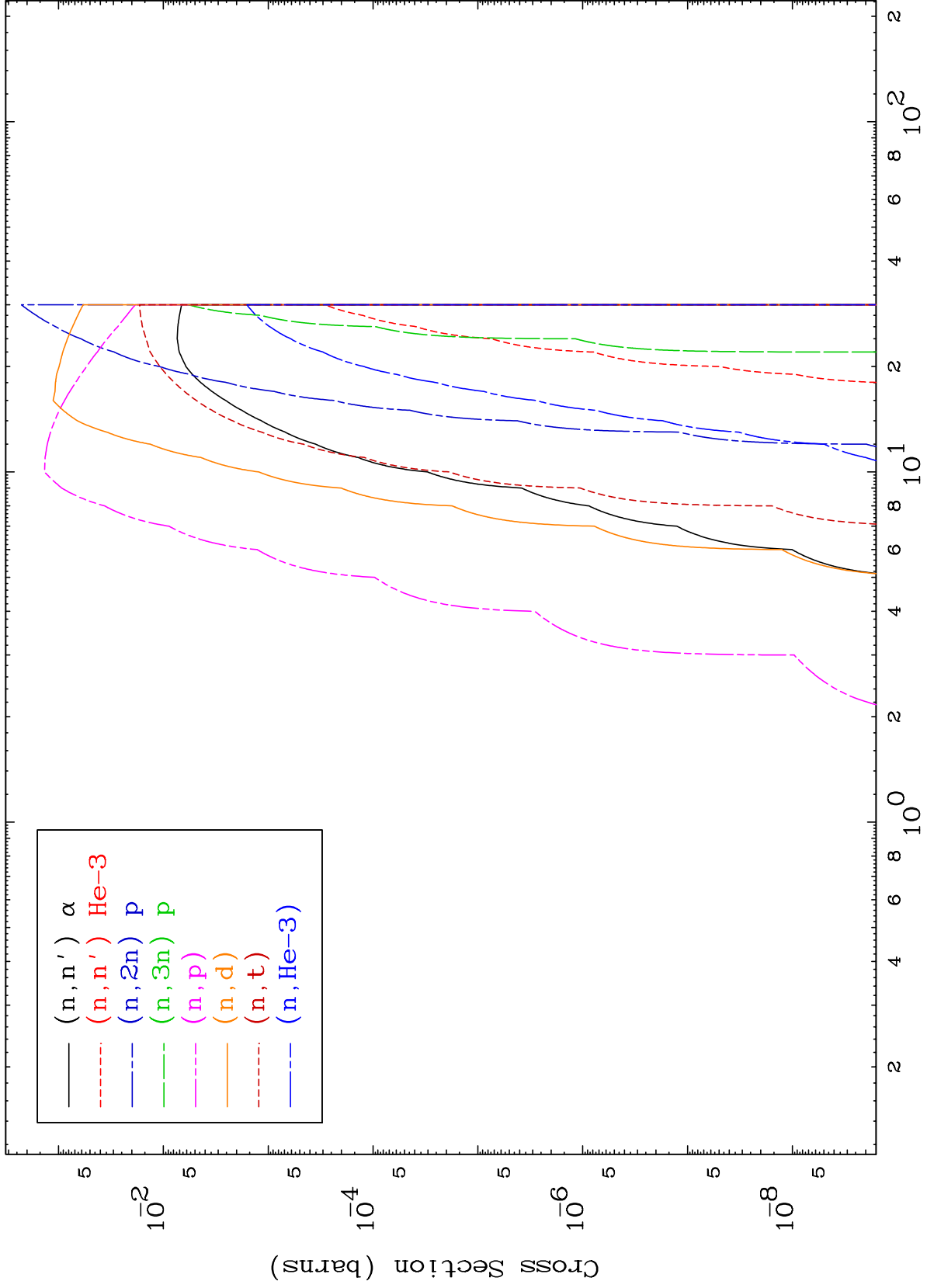
MAT 7110

Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-170



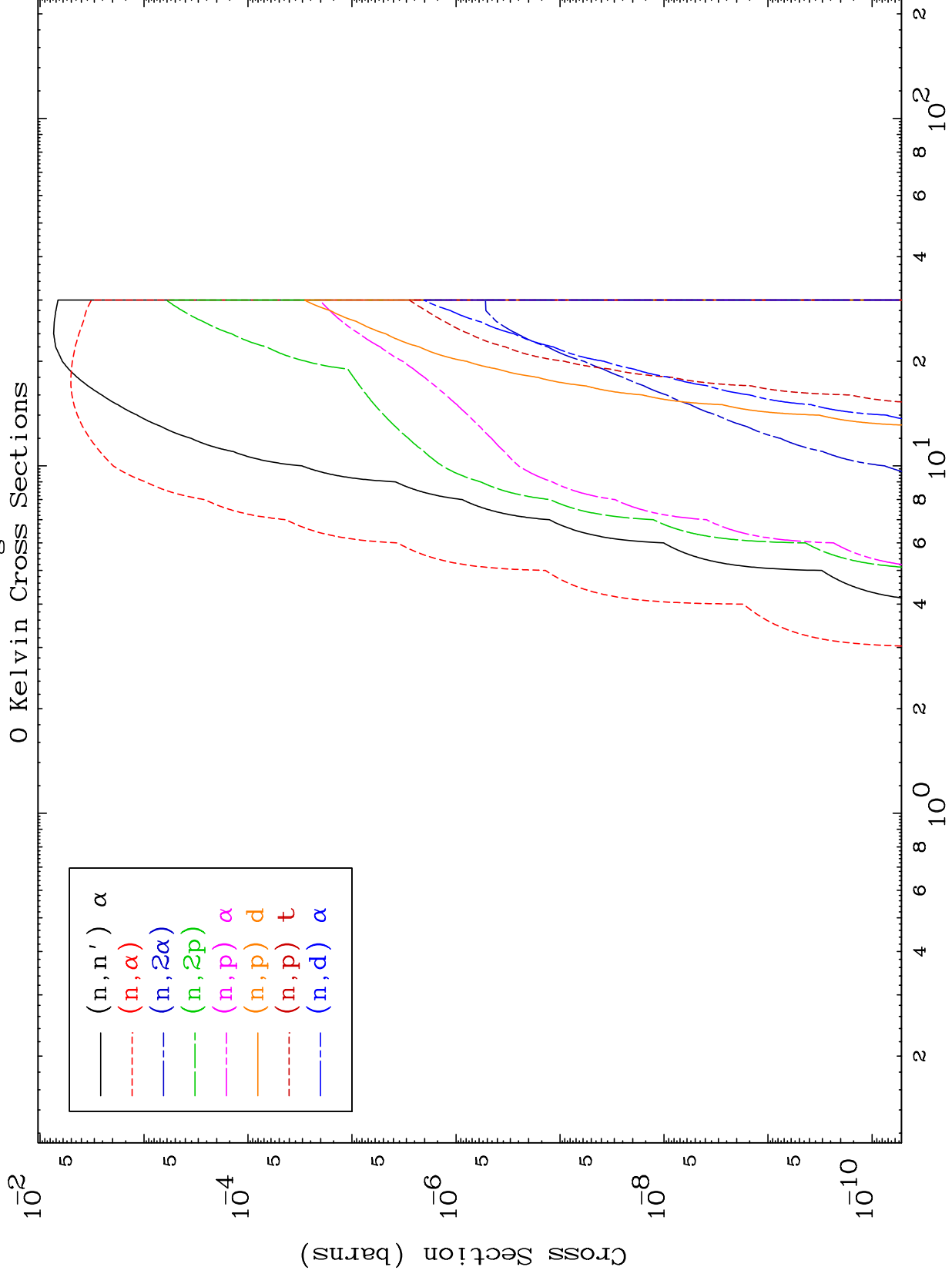




MAT 7110

Deuteron Charged Particle
0 Kelvin Cross Sections

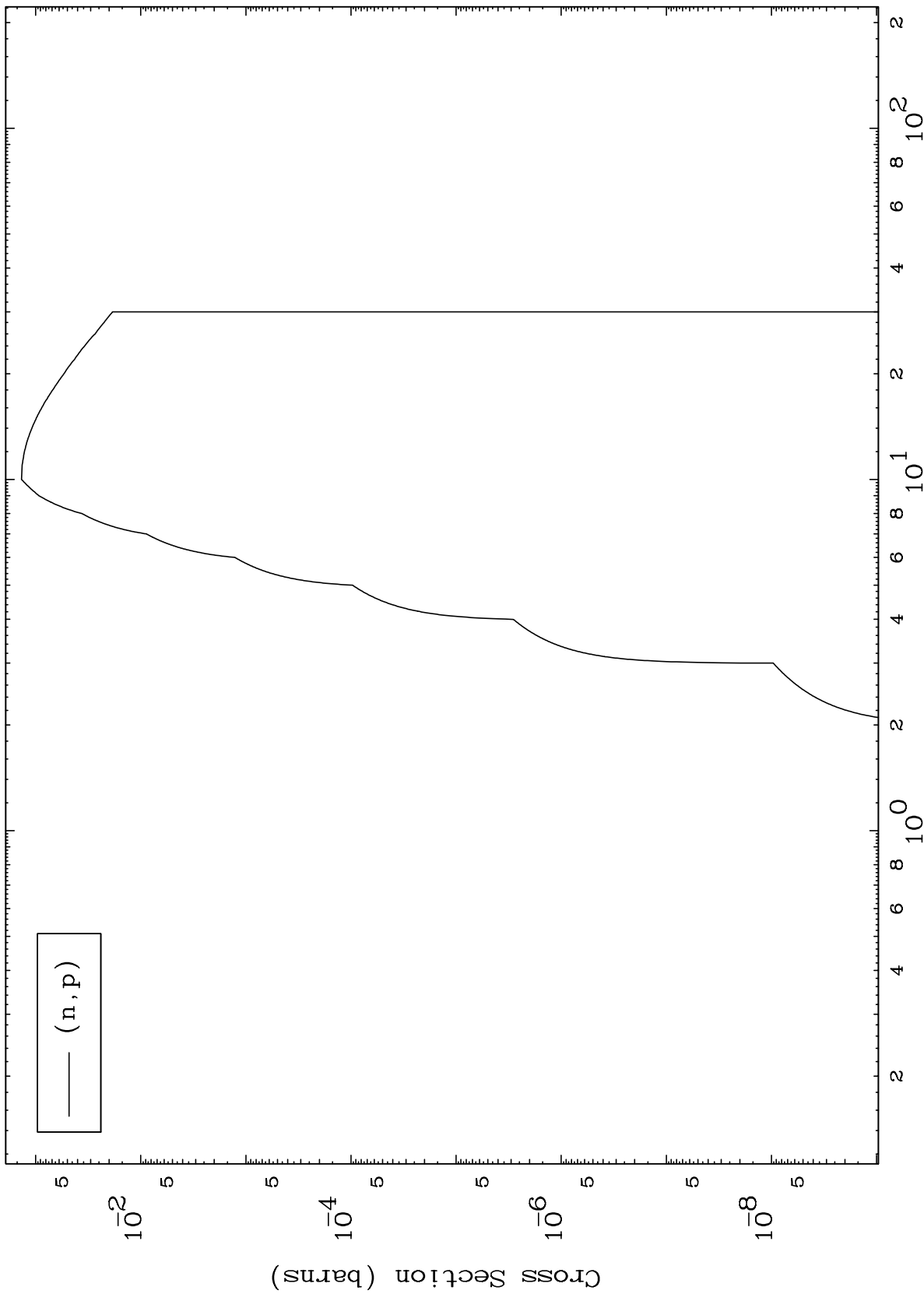
71-Lu-170



MAT 7110

71-Lu-170

(d,p) Levels
0 Kelvin Cross Sections

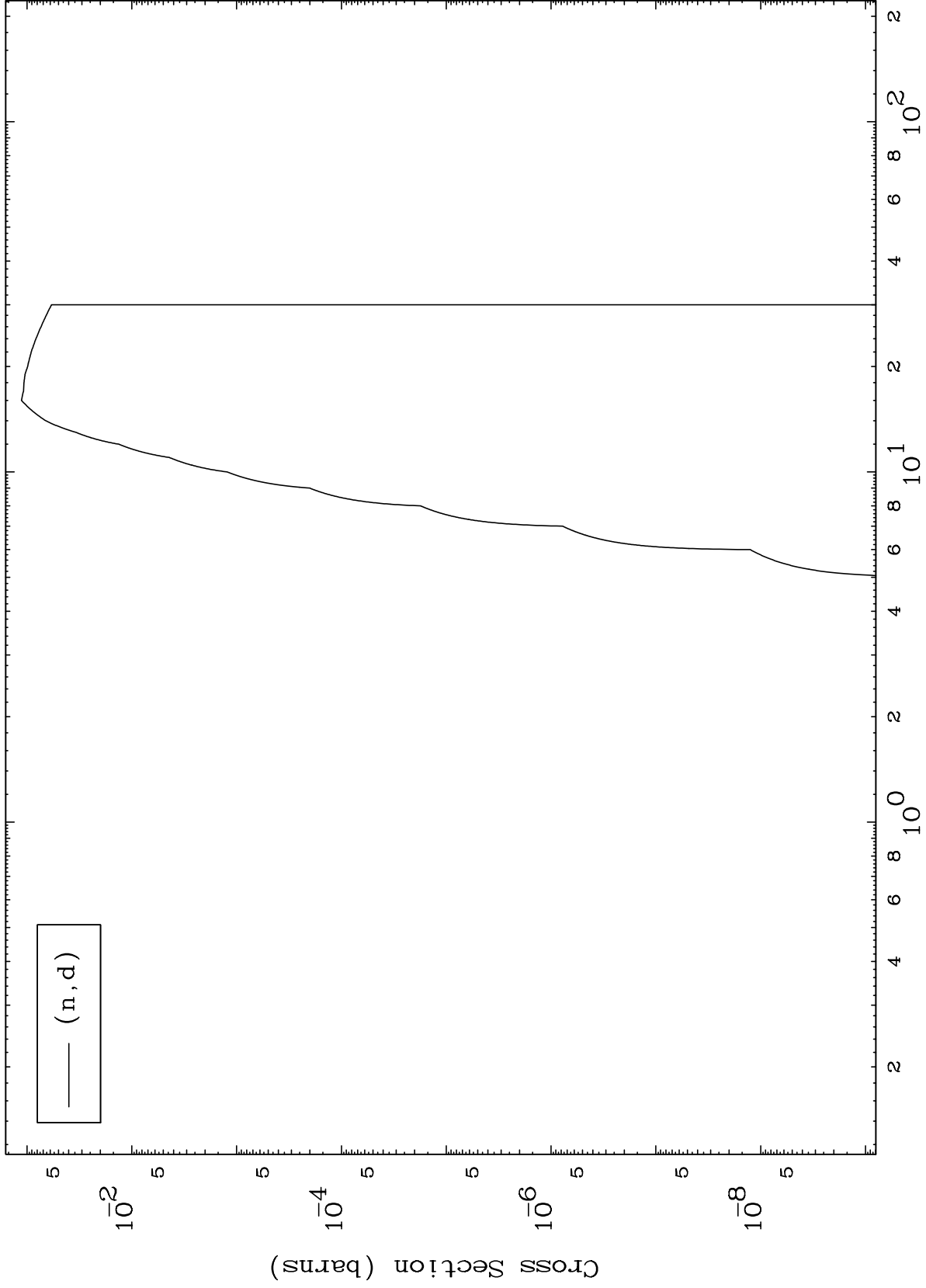


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(d,d) Levels

71-Lu-170

0 Kelvin Cross Sections

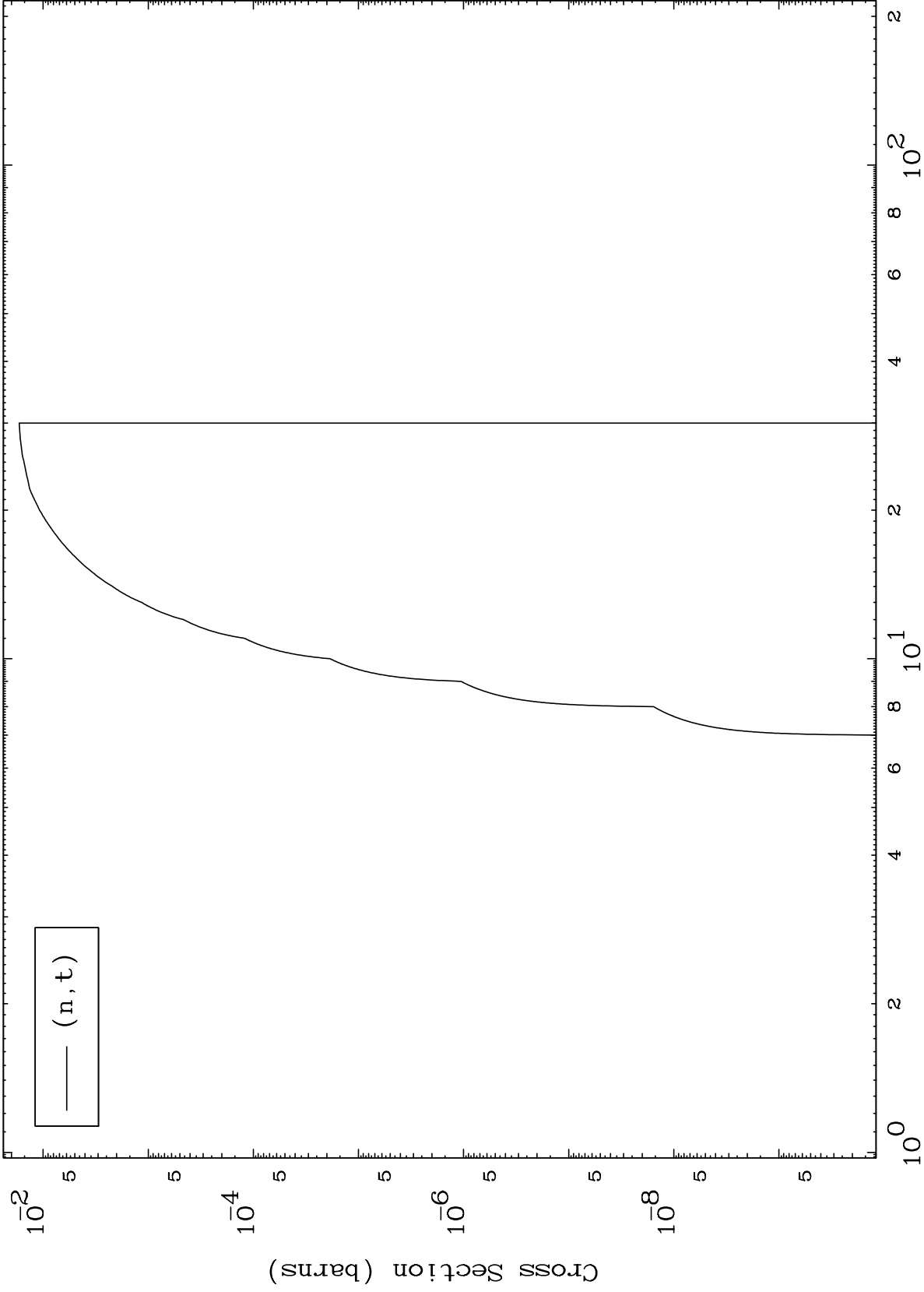


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(d,t) Levels

71-Lu-170

0 Kelvin Cross Sections



Incident Energy (MeV)

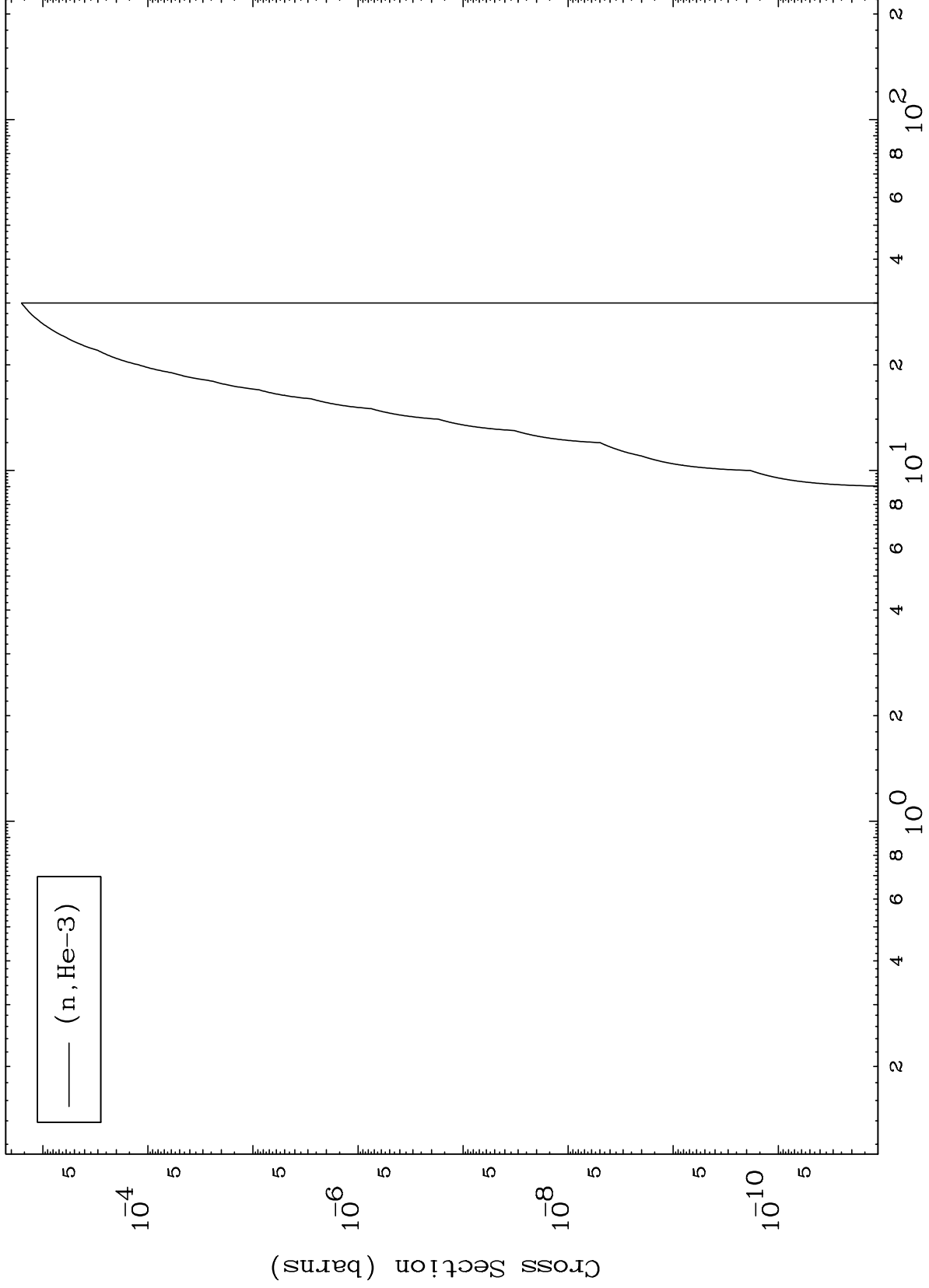
71-Lu-170

MAT 7110

(d,He3) Levels

71-Lu-170

0 Kelvin Cross Sections

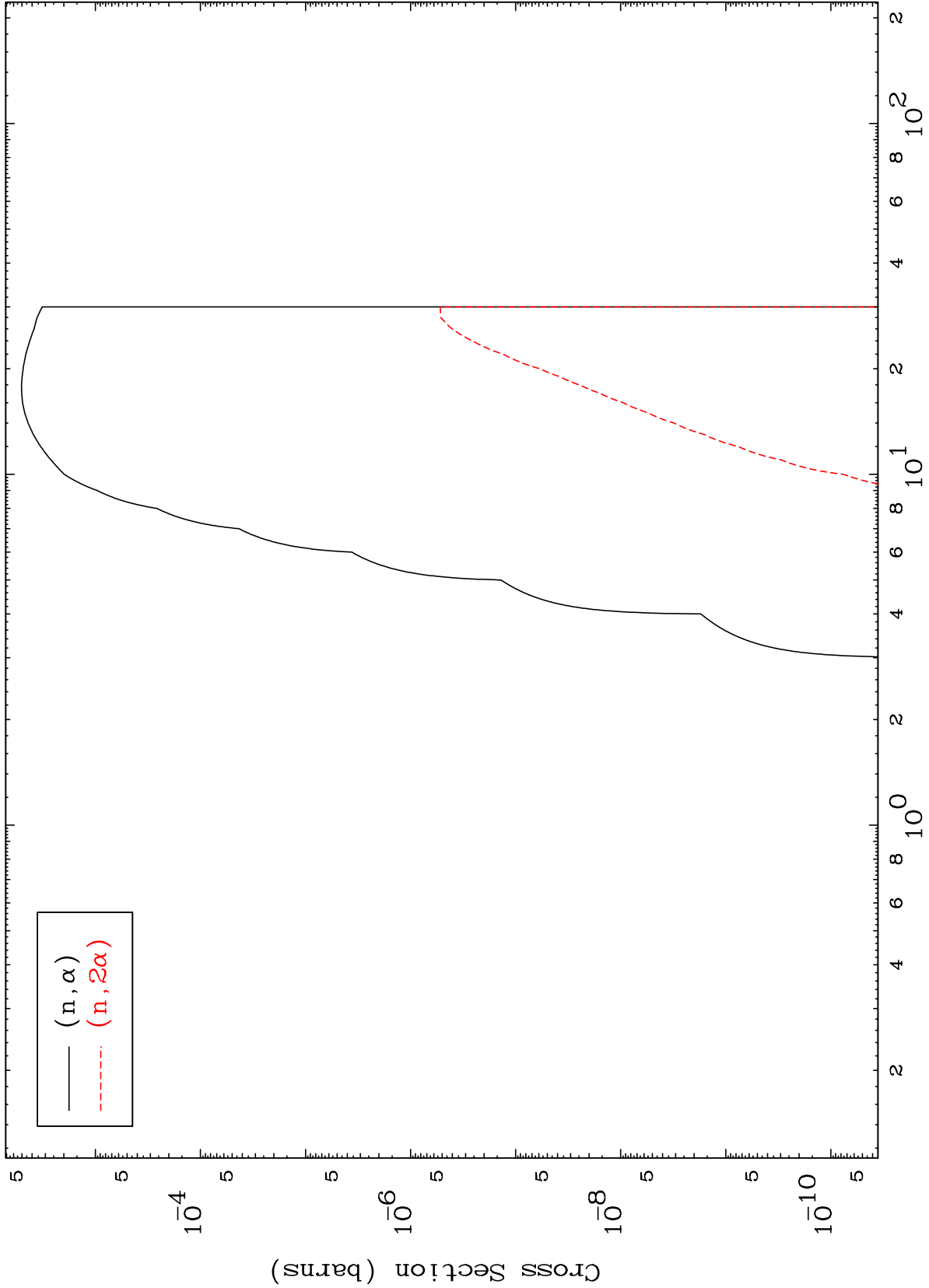


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(d, α) Levels

71-Lu-170

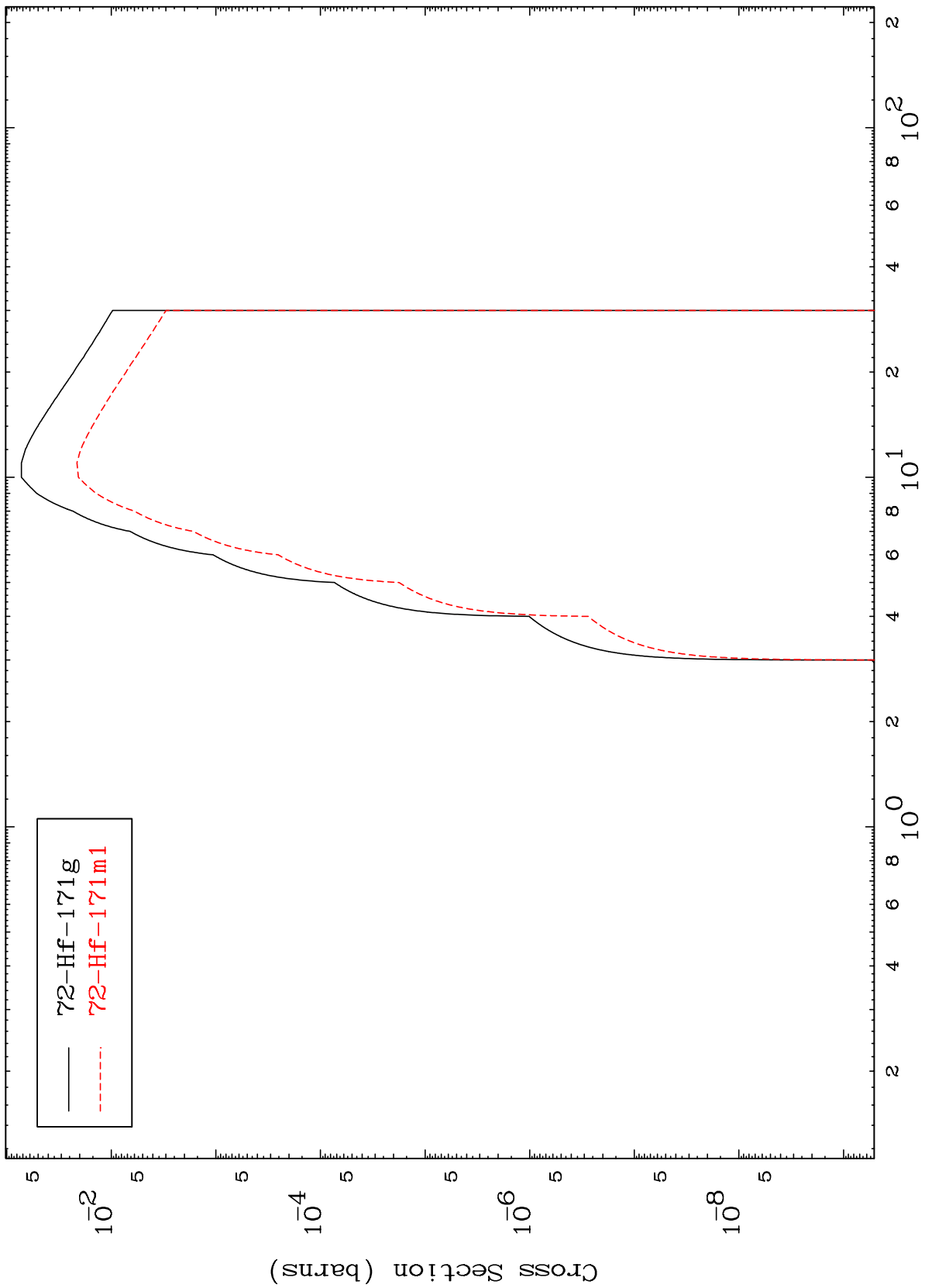
0 Kelvin Cross Sections



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71-Lu-170

Radionuclide Production Cross Section



13

71-Lu-170

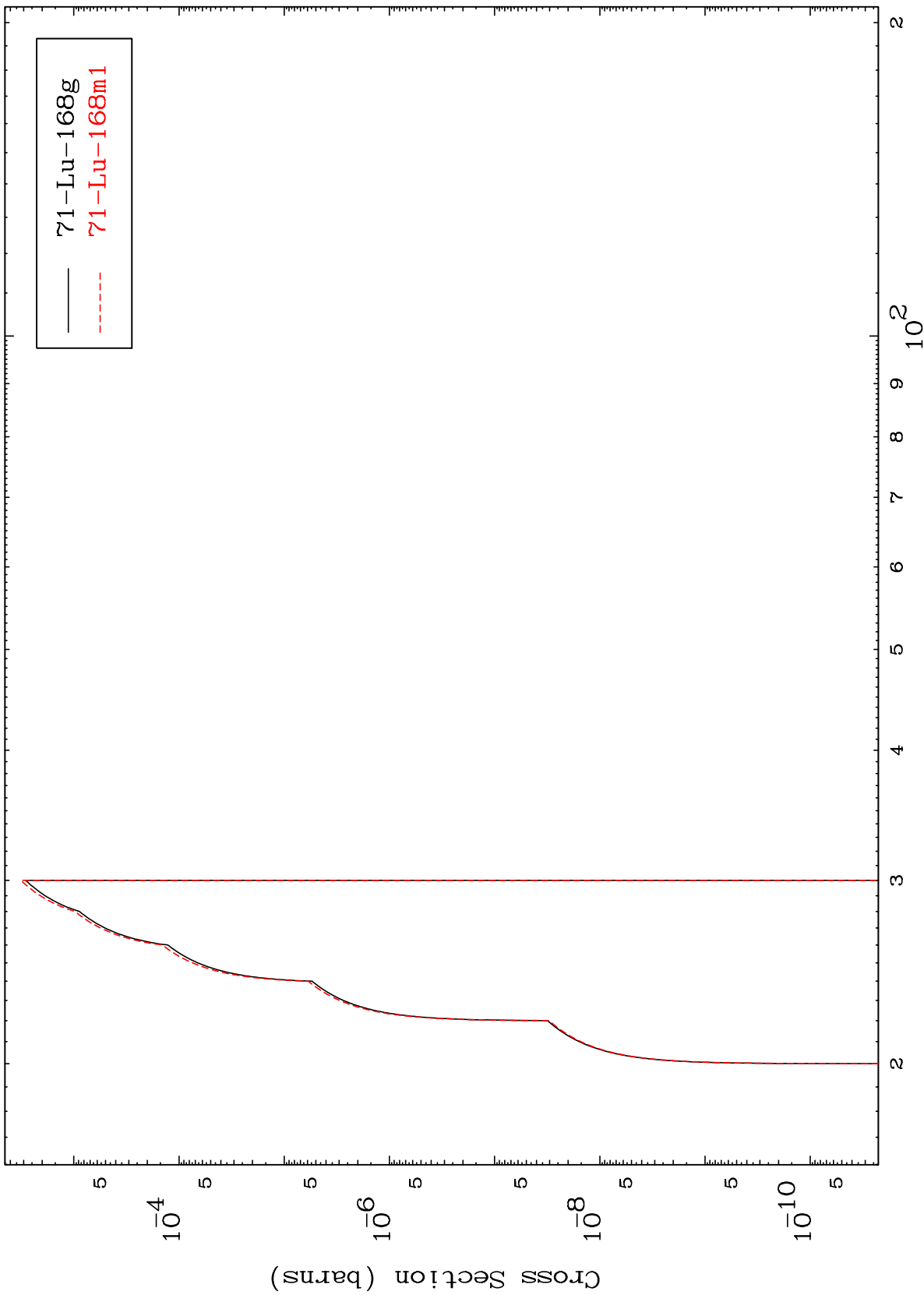
Incident Energy (MeV)

MAT 7110

(n,2n) d

71-Lu-170

Radionuclide Production Cross Section



14

Incident Energy (MeV)

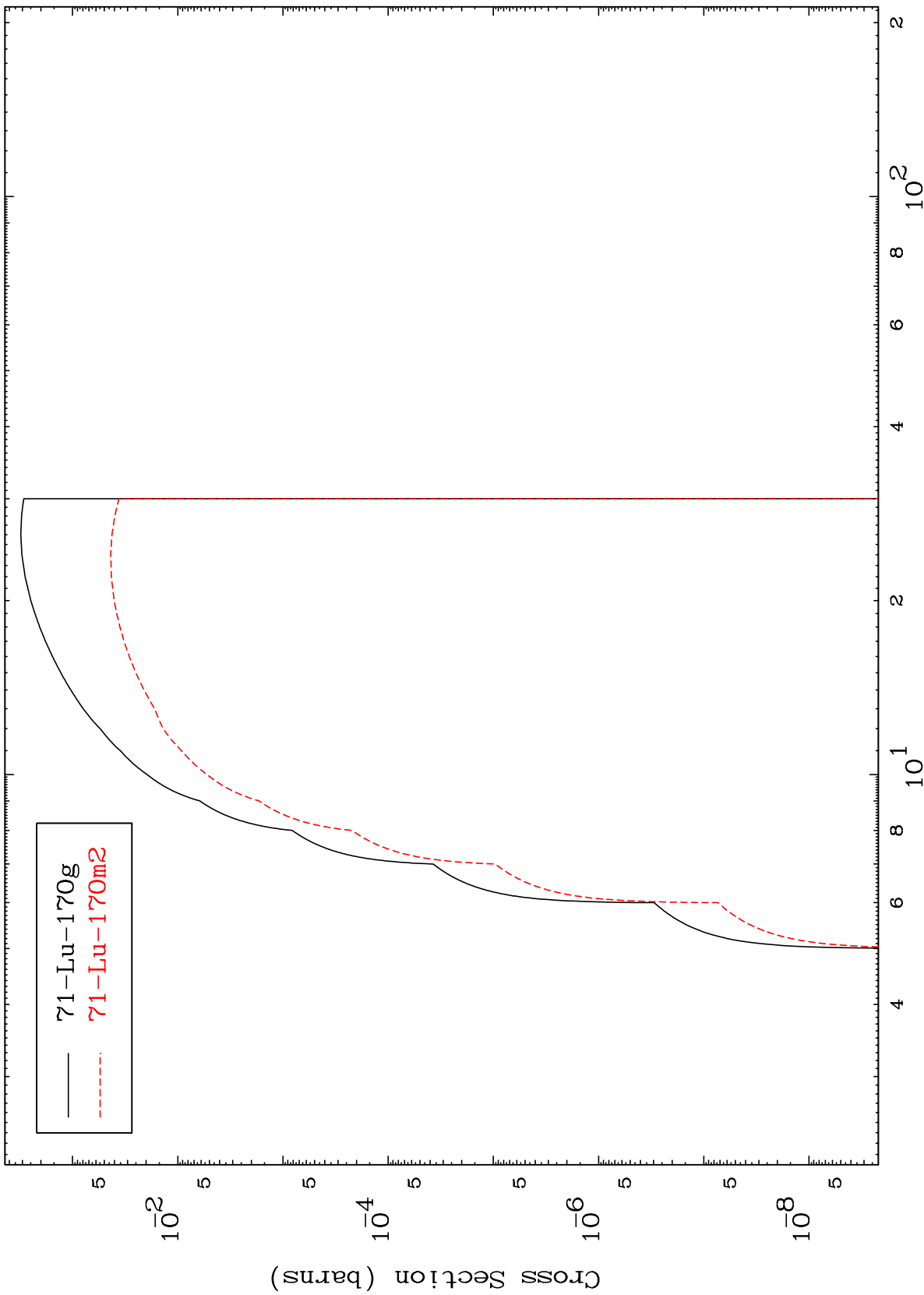
71-Lu-170

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(n,n') p

⁷¹Lu-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

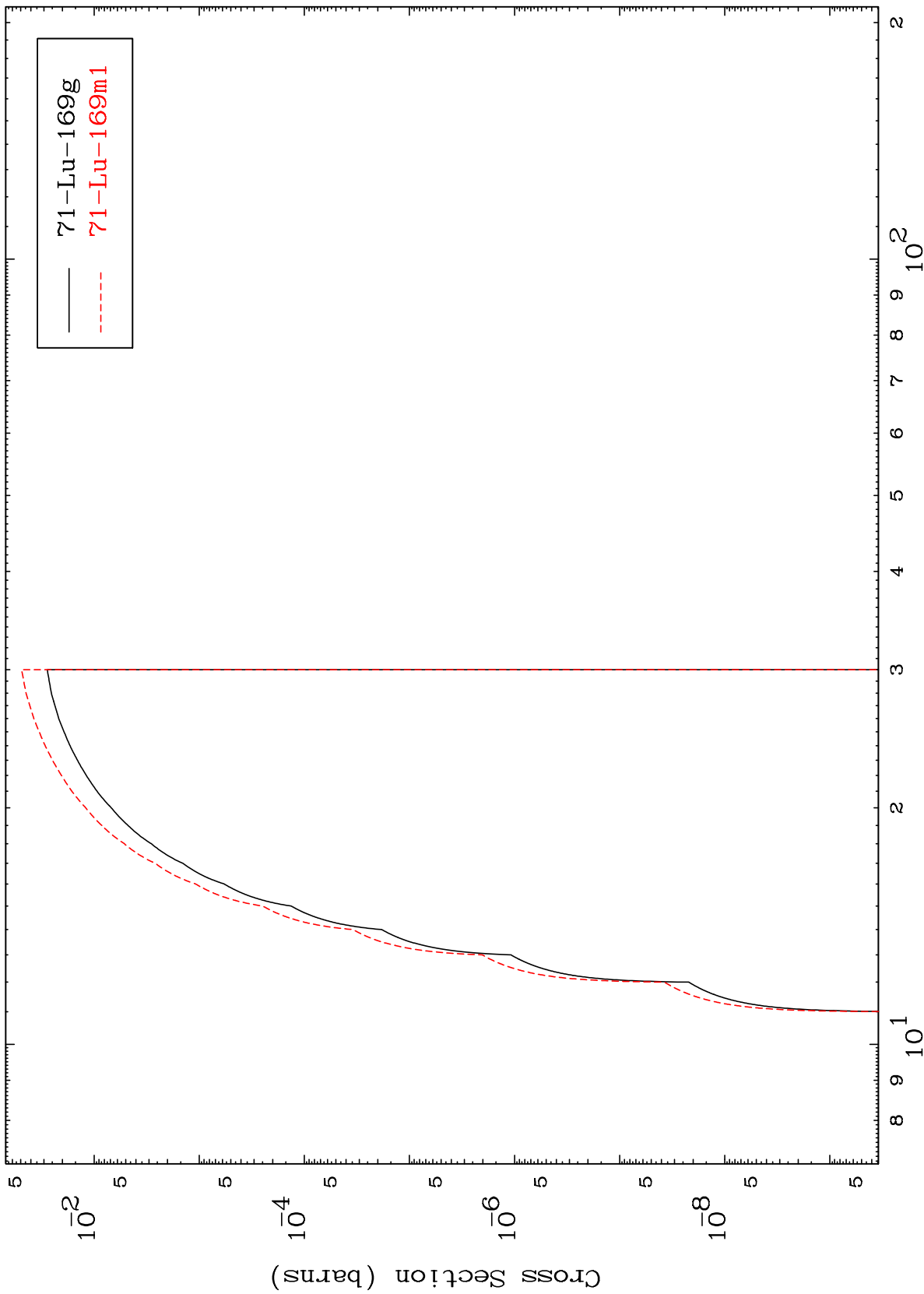
⁷¹Lu-170

MAT 7110

(n,n') d

71-Lu-170

Radionuclide Production Cross Section



16

Incident Energy (MeV)

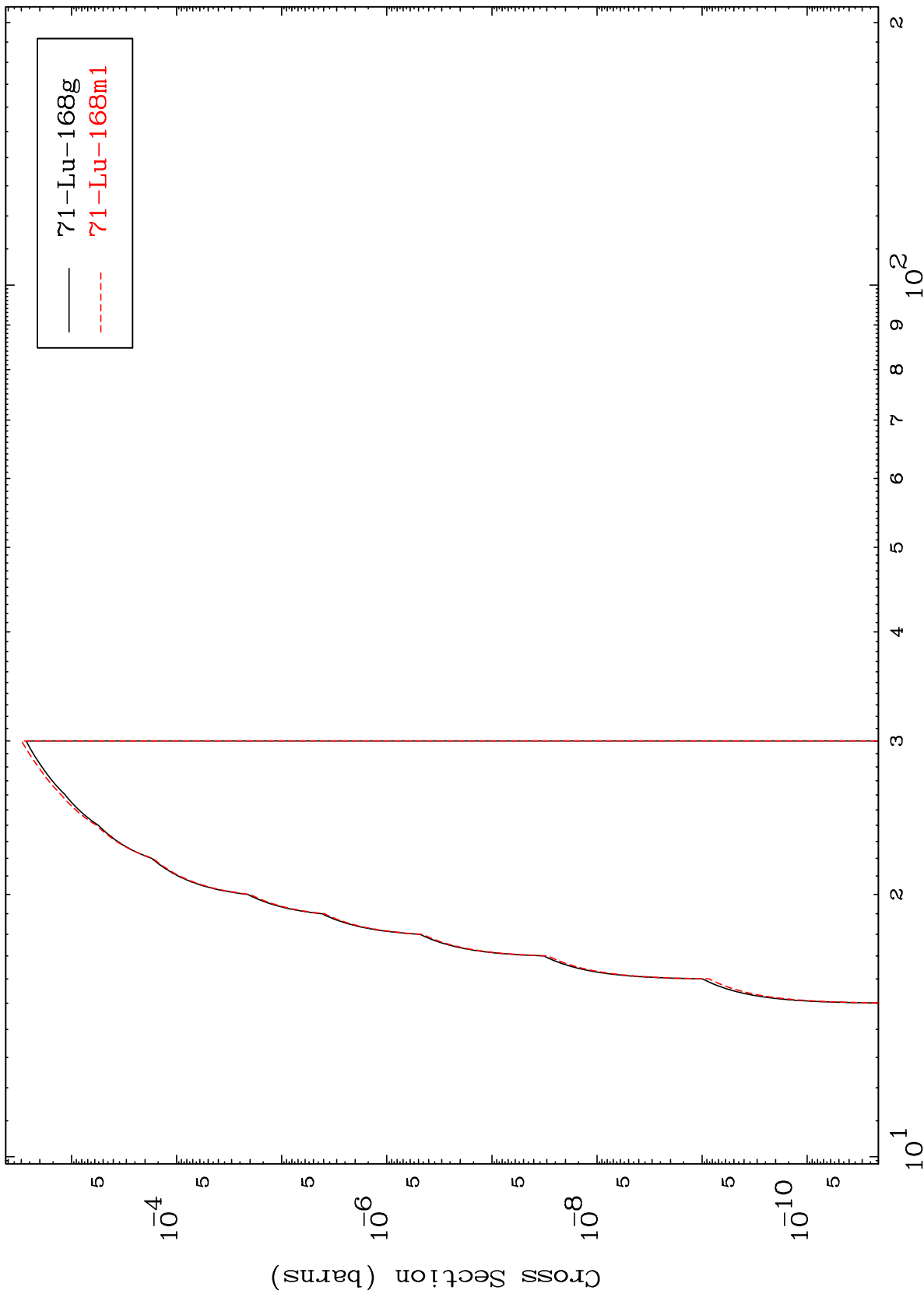
71-Lu-170

MAT 7110

(n,n') t

71-Lu-170

Radionuclide Production Cross Section



Incident Energy (MeV)

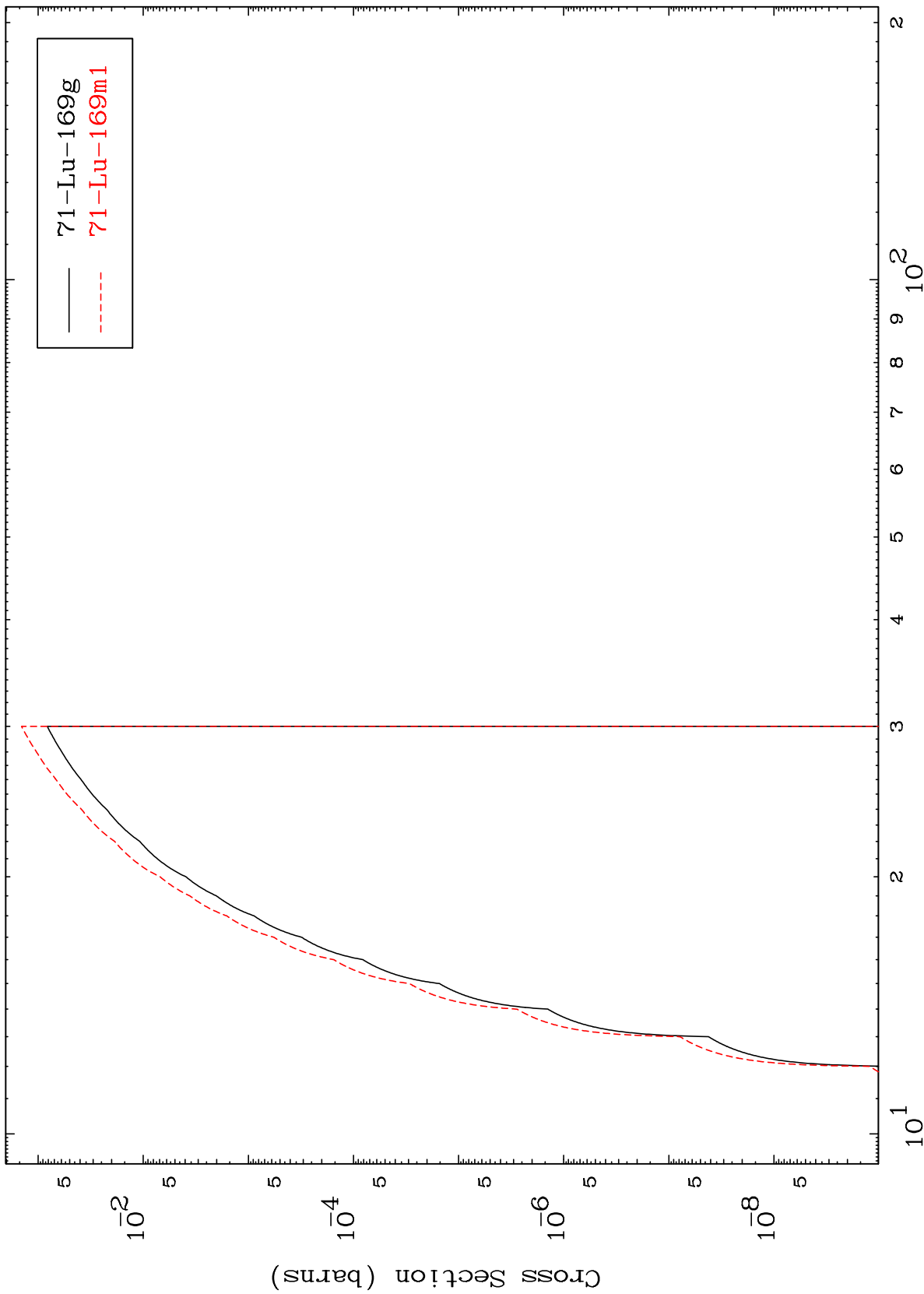
71-Lu-170

MAT 7110

(n,2n) p

71-Lu-170

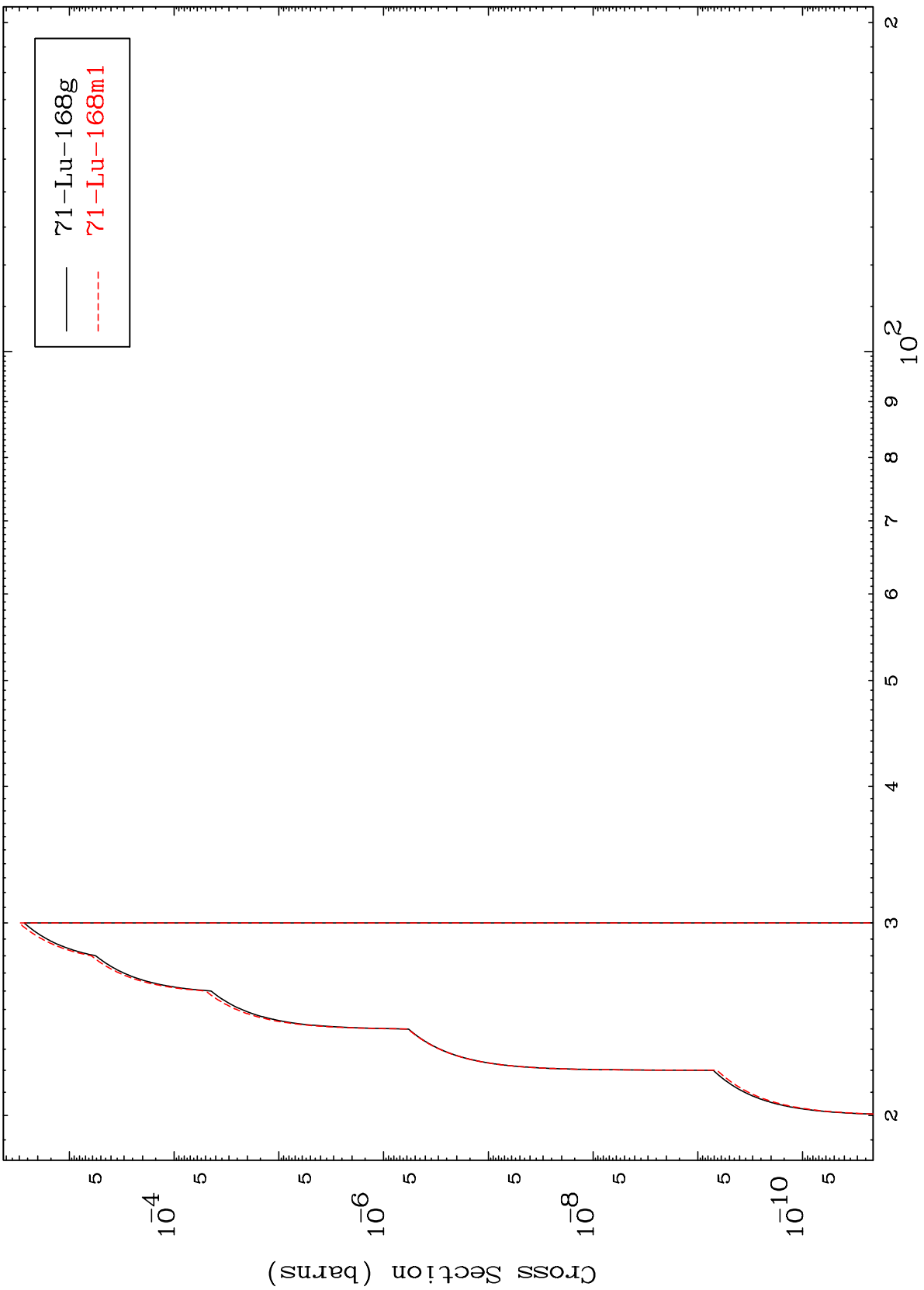
Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-170

Radionuclide Production Cross Section

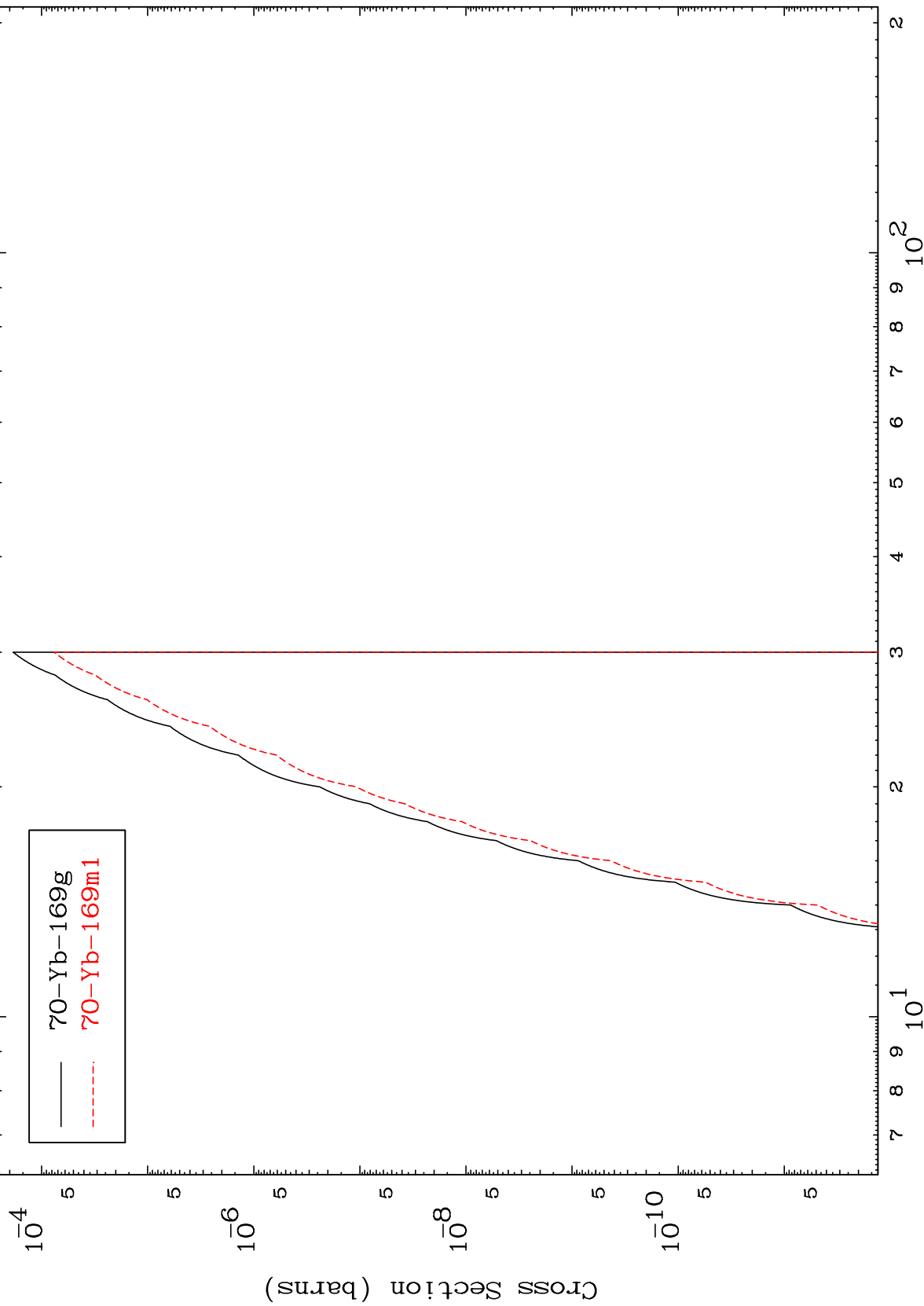


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(n,2n) p

71-Lu-170

Radionuclide Production Cross Section



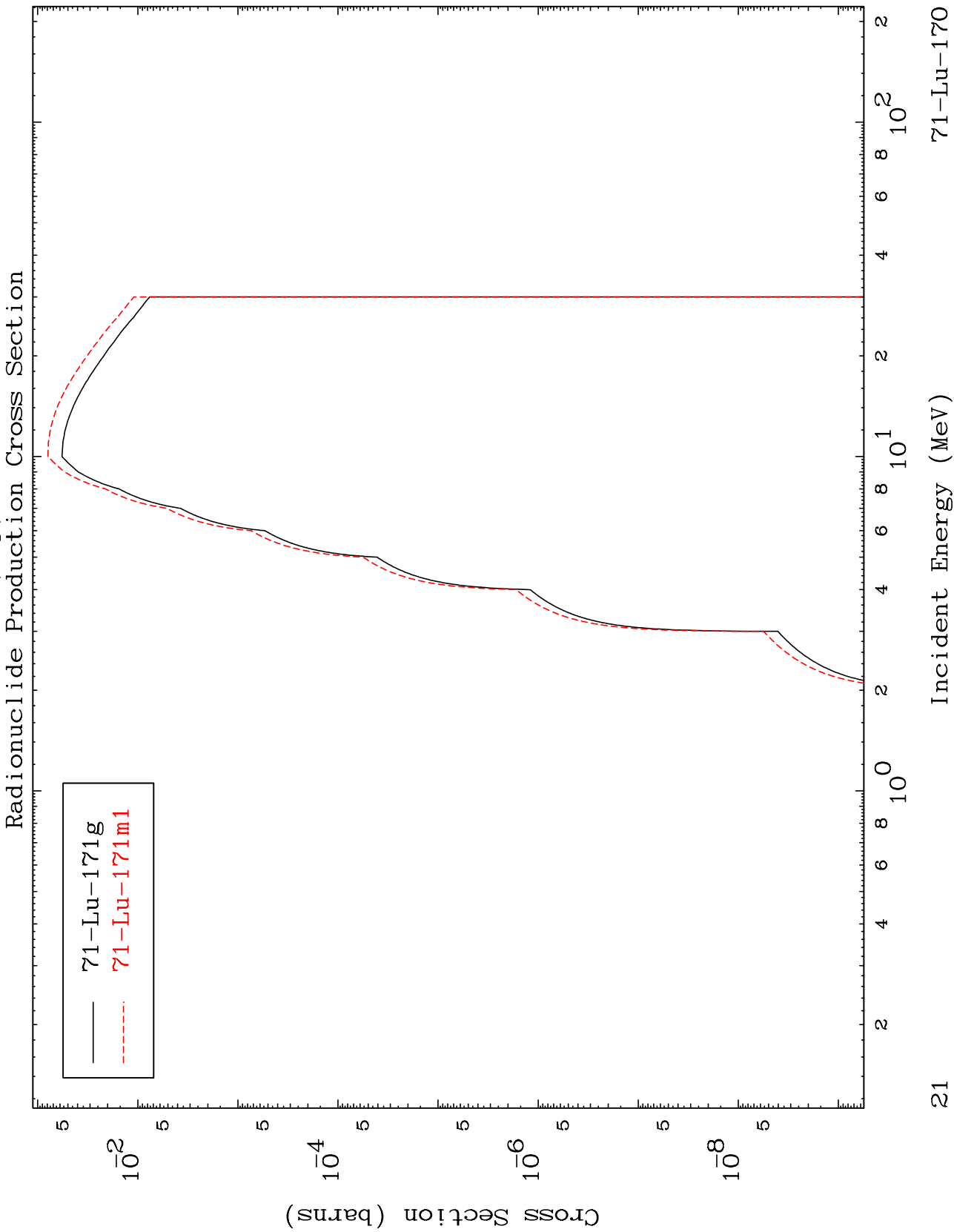
20

Incident Energy (MeV)

71-Lu-170

MAT 7110

71-Lu-170

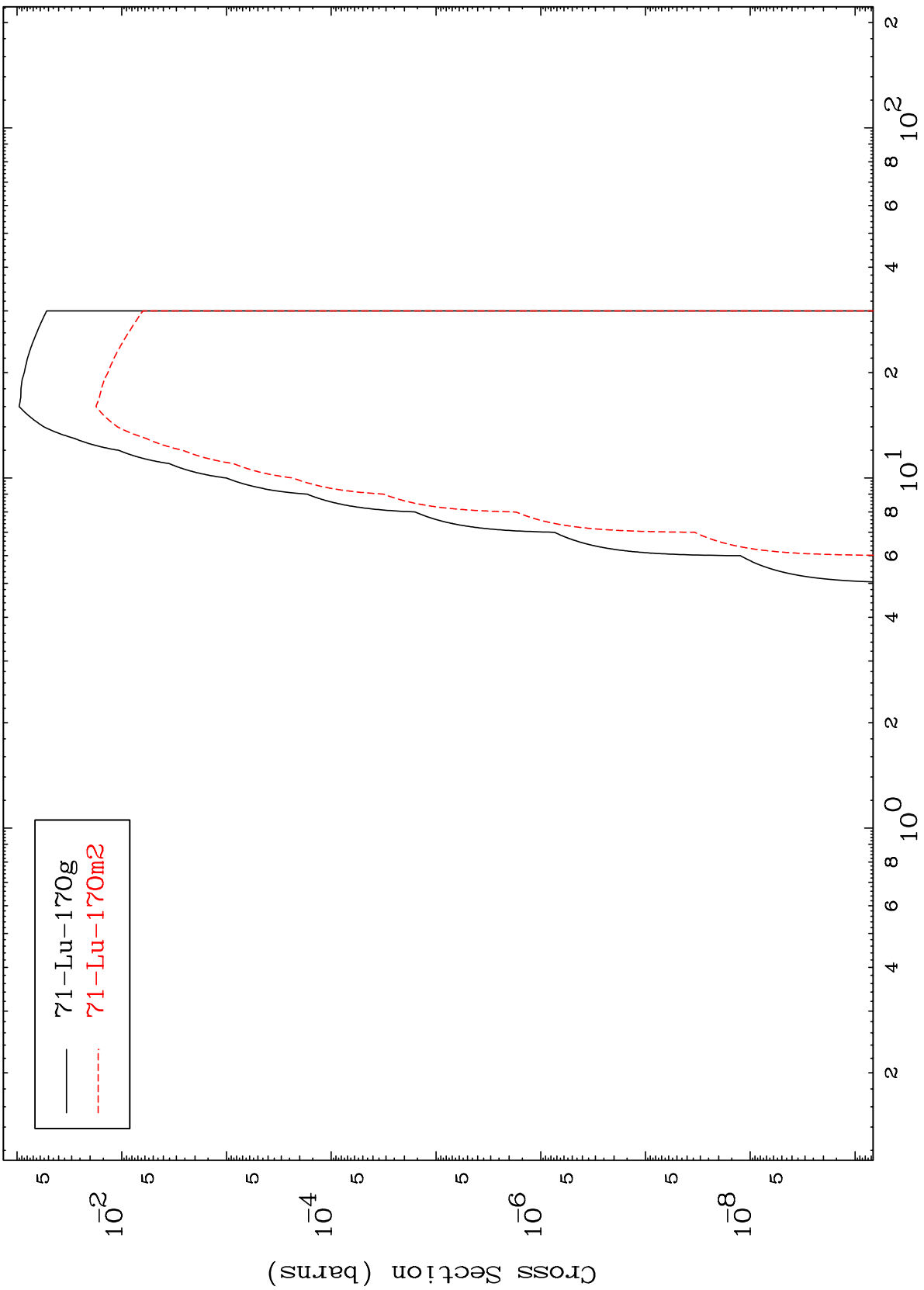


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(n,d)

⁷¹Lu-170

Radionuclide Production Cross Section

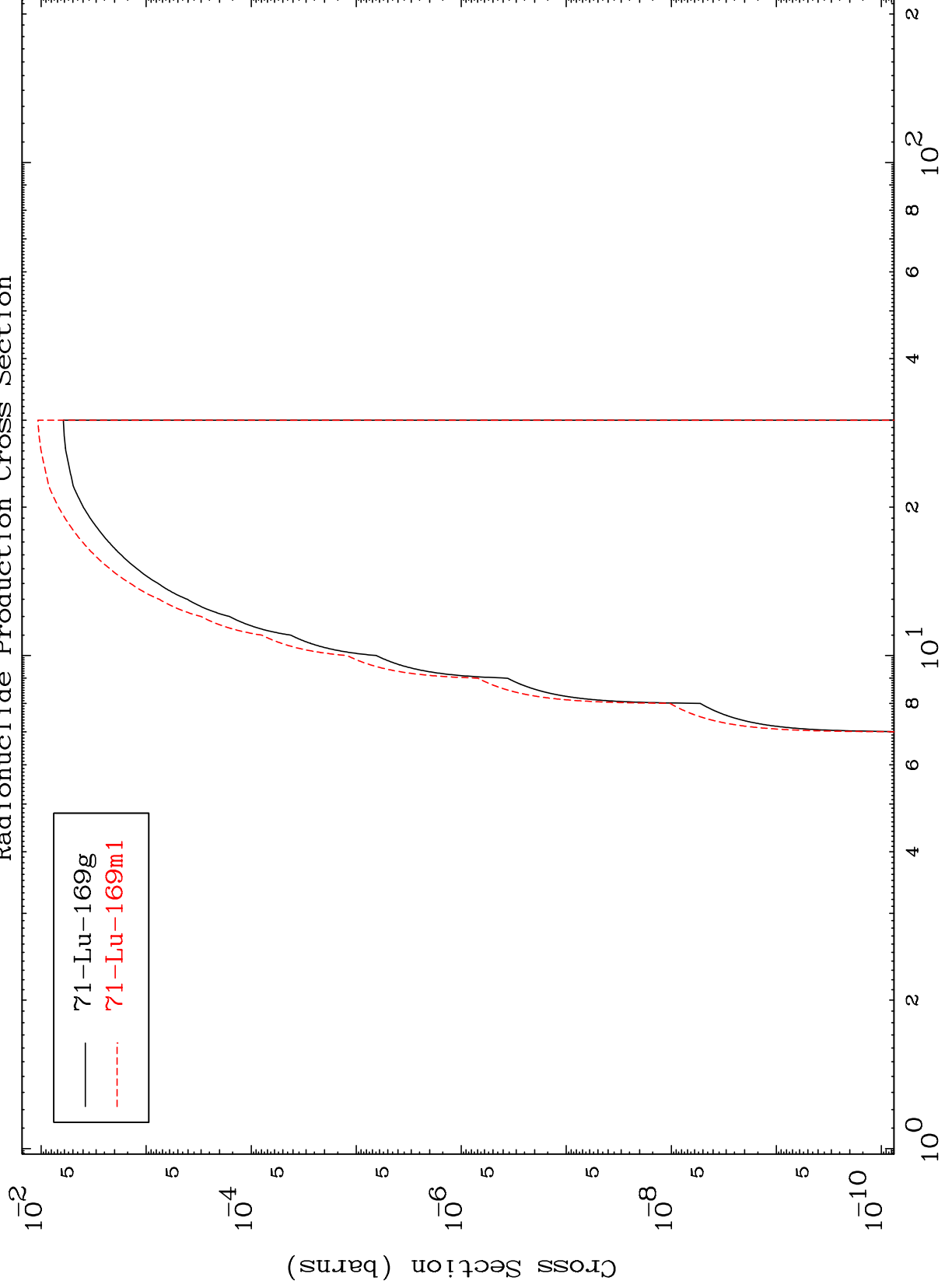


MAT 7110

(n, t)

⁷¹Lu-170

Radionuclide Production Cross Section



— ⁷¹Lu-169g
- - - ⁷¹Lu-169m1

Incident Energy (MeV)

⁷¹Lu-170

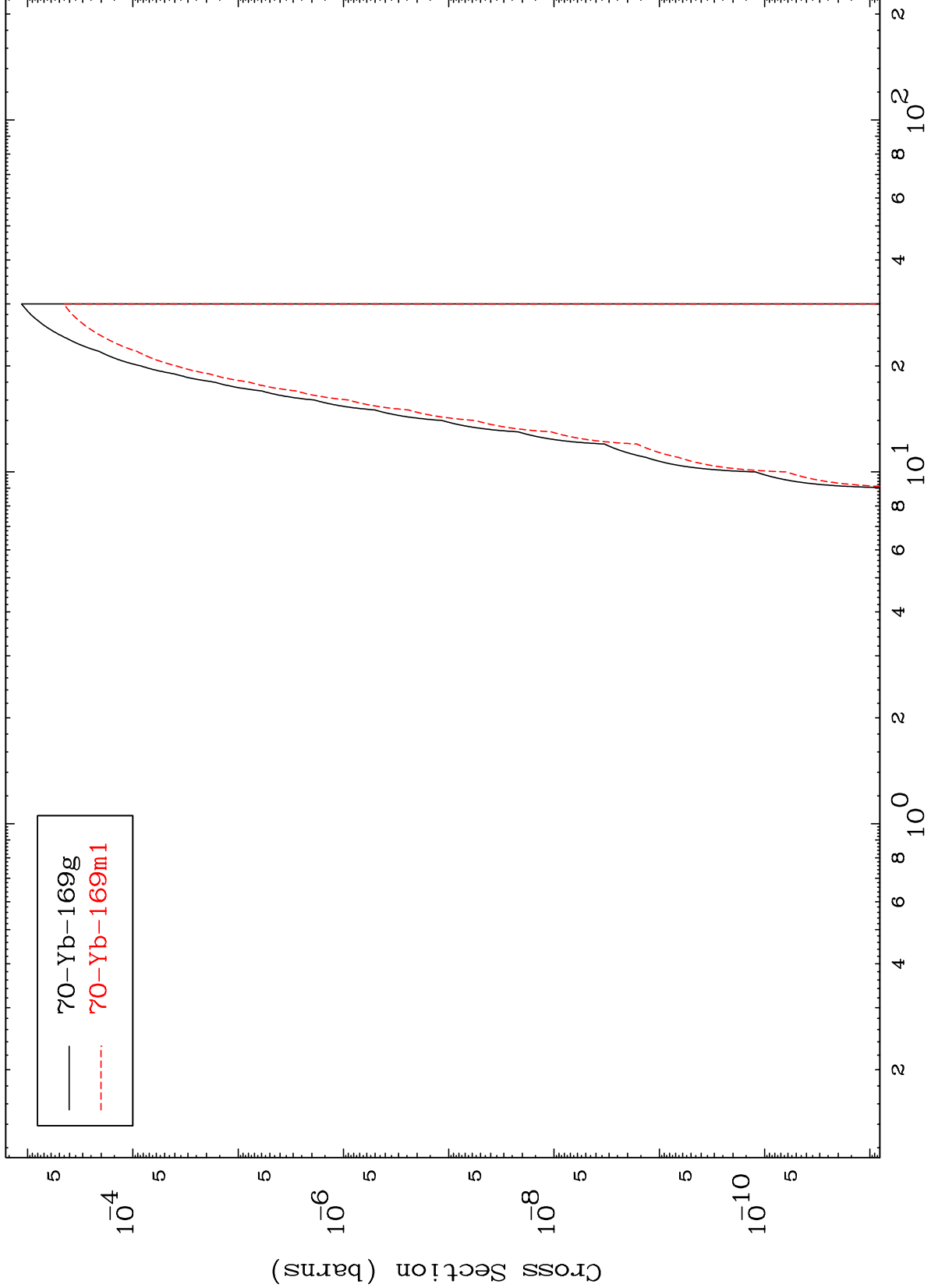
23

MAT 7110

(n,He-3)

71-Lu-170

Radionuclide Production Cross Section



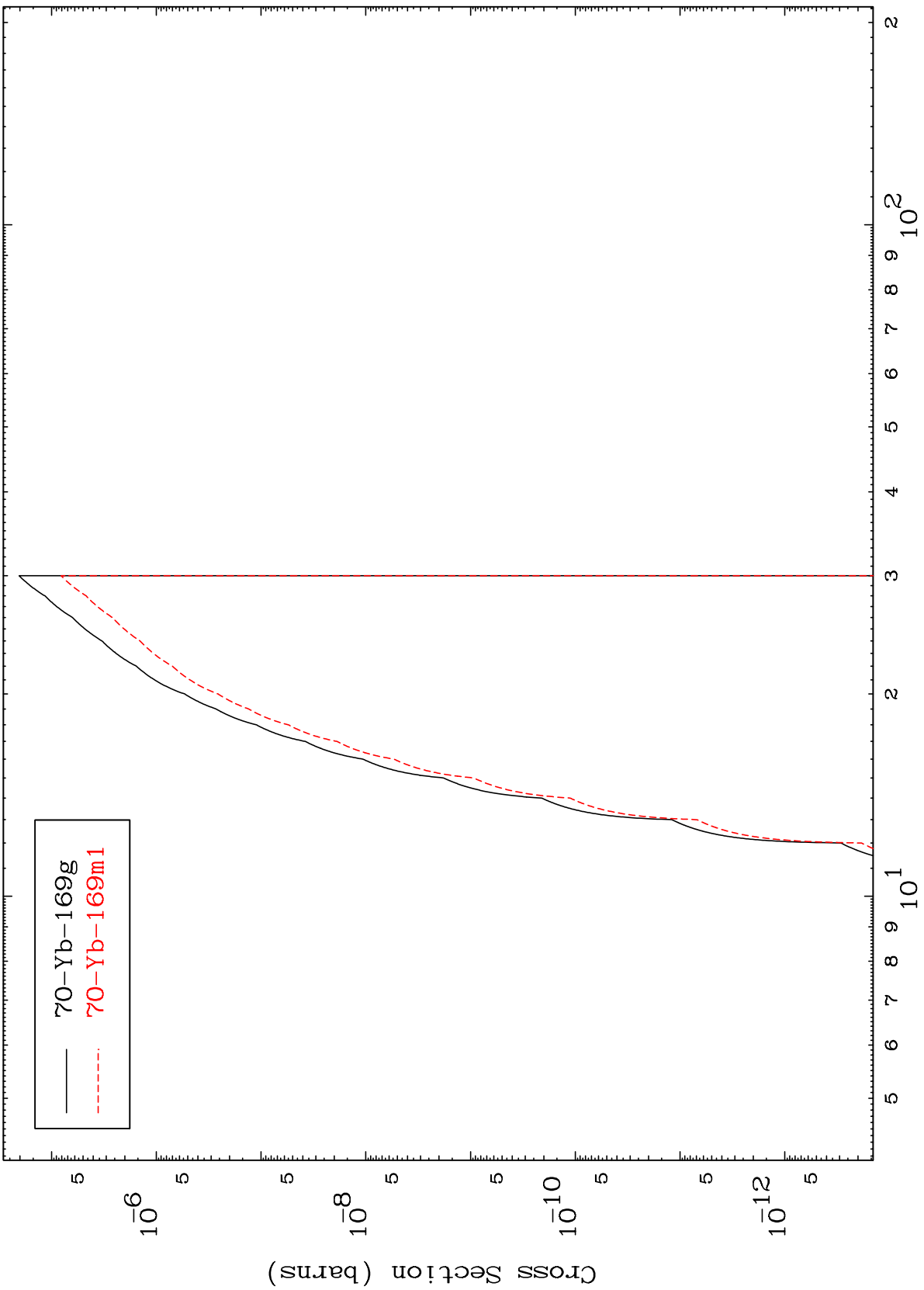
70-Yb-169g
70-Yb-169m1

MAT 7110

(n,p) d

71-Lu-170

Radionuclide Production Cross Section



25

Incident Energy (MeV)

71-Lu-170