

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

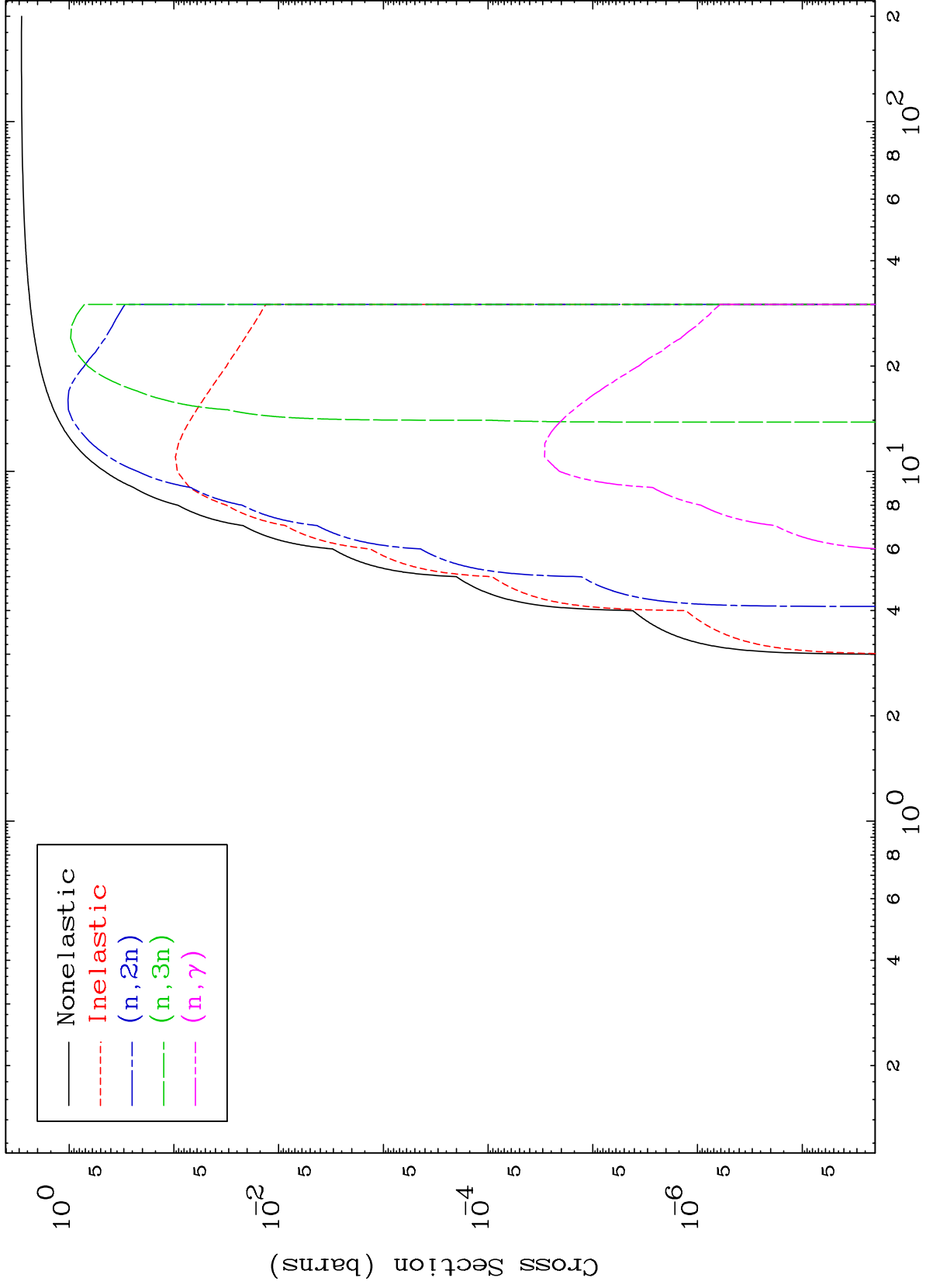
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Web:redcullen1.net/HOMEPAGE.NEW

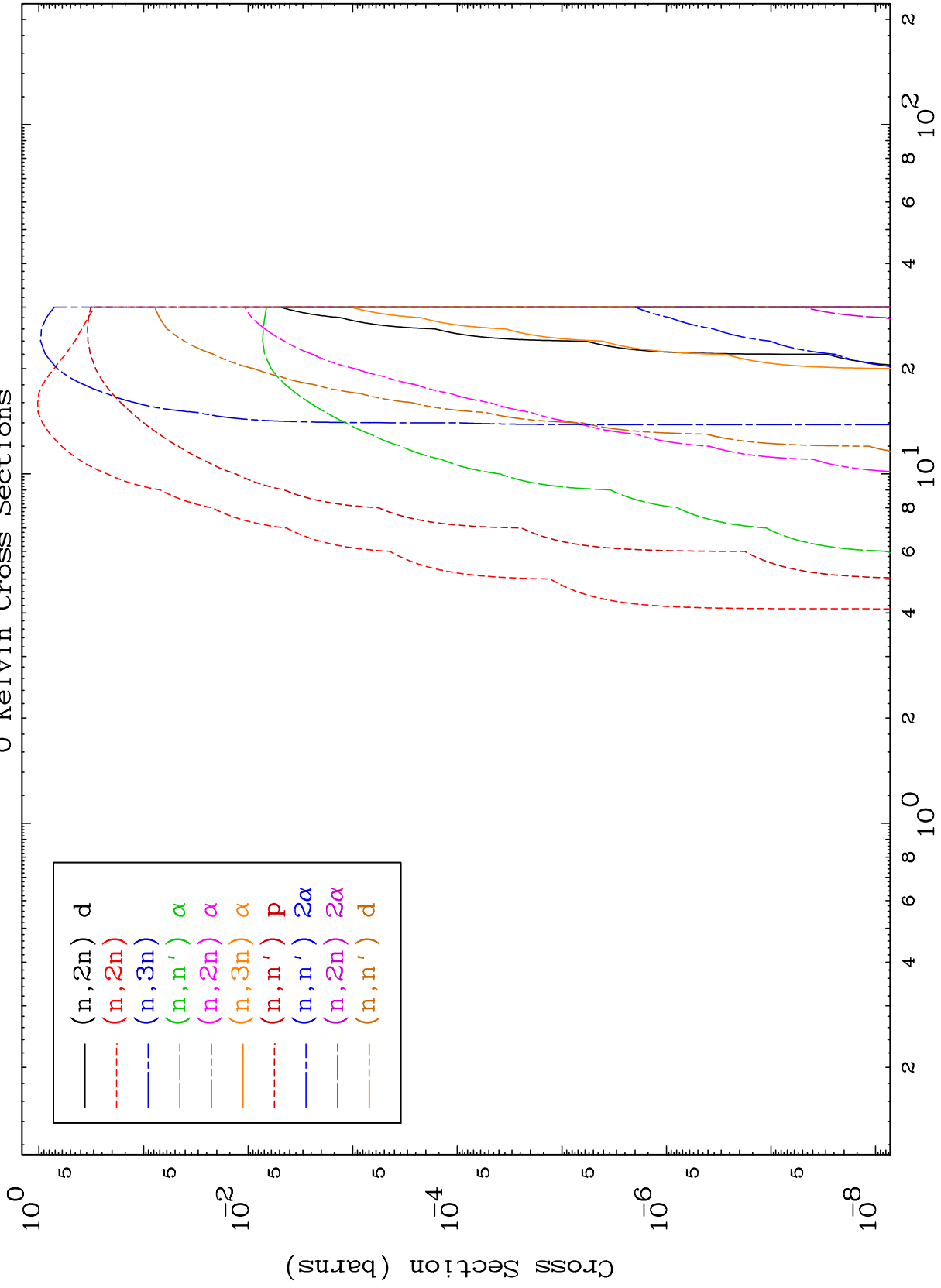
Press Mouse Button to Start

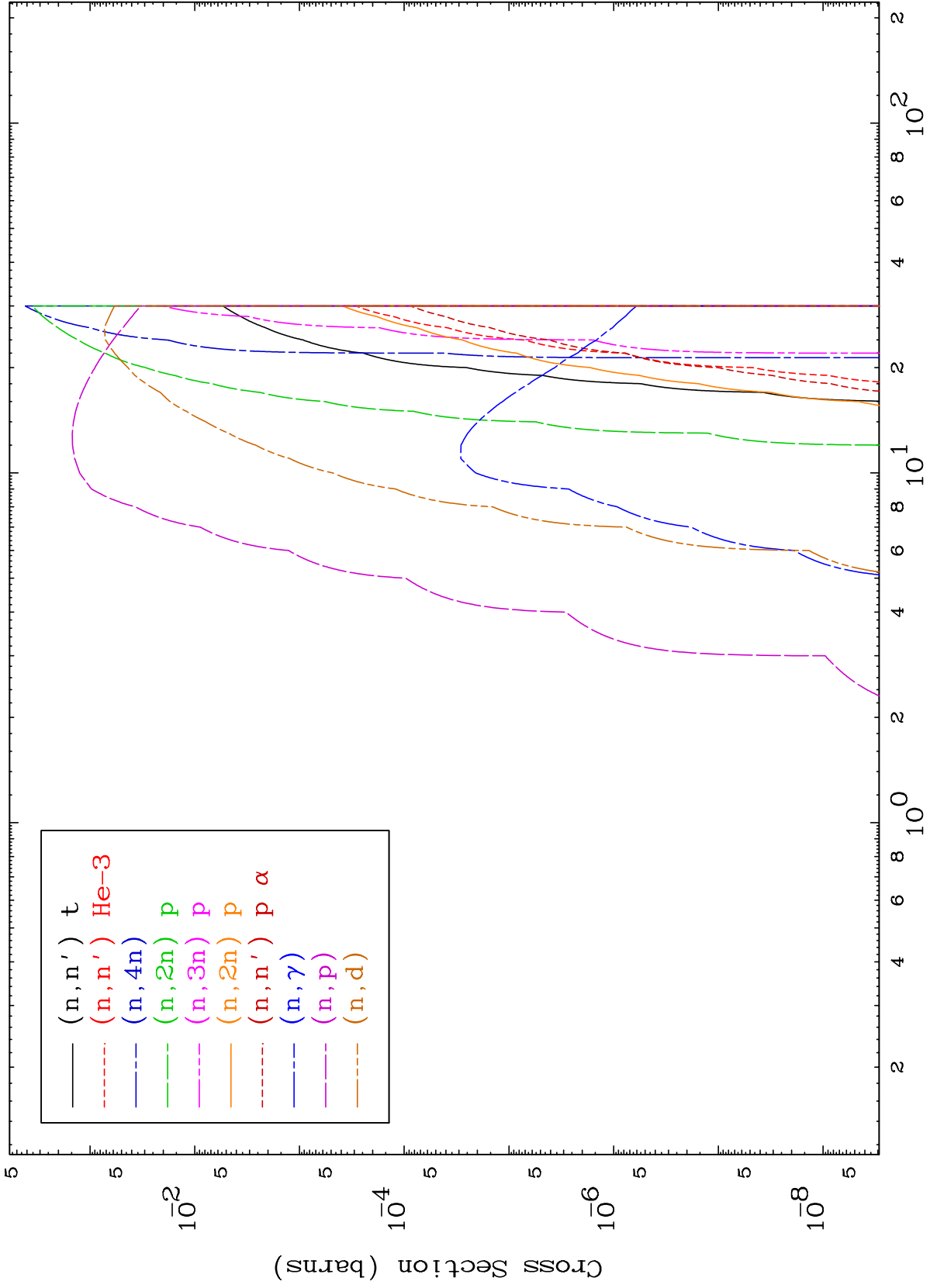


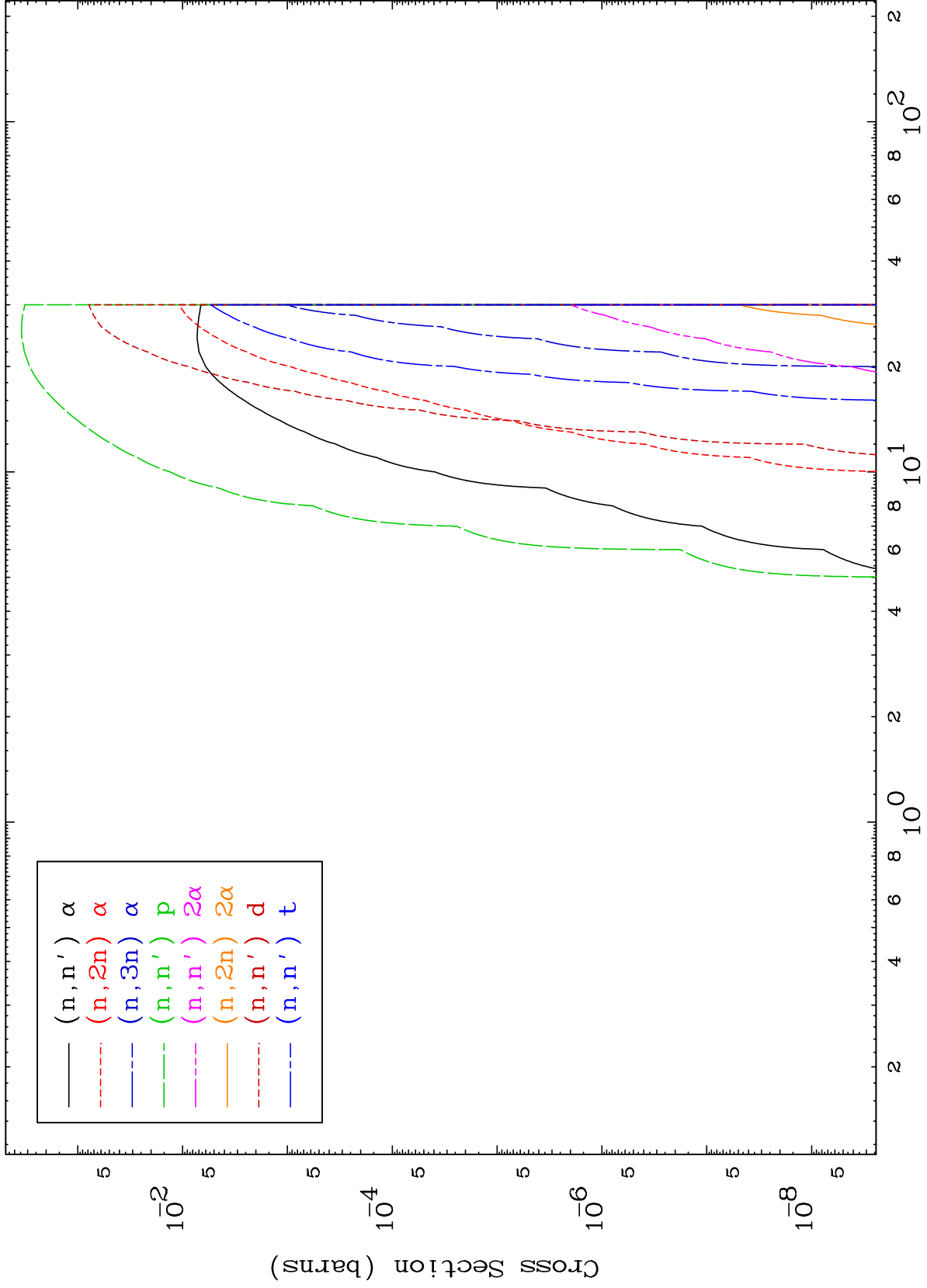
MAT 7110

Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-170



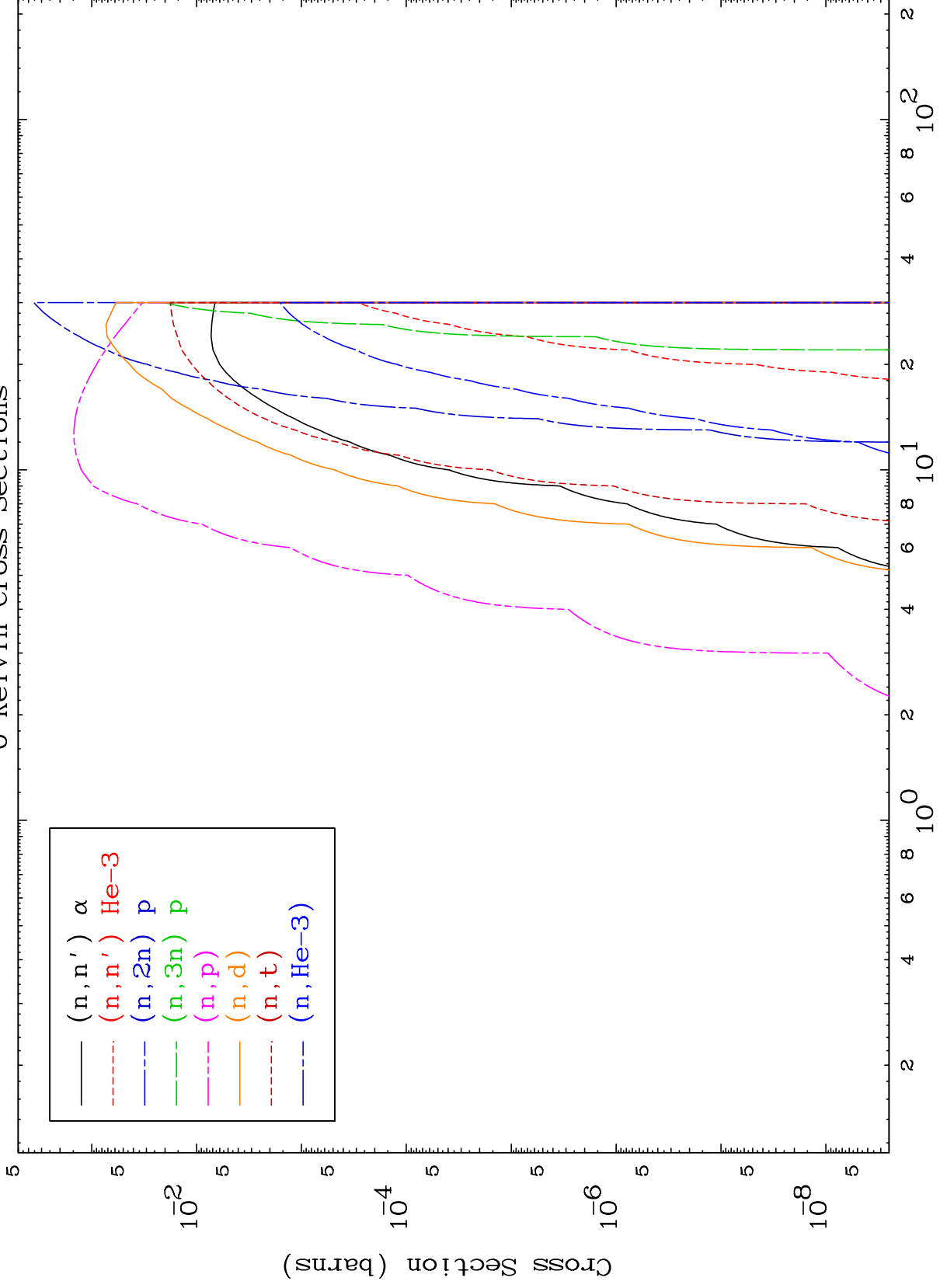




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Deuteron Charged Particle
0 Kelvin Cross Sections

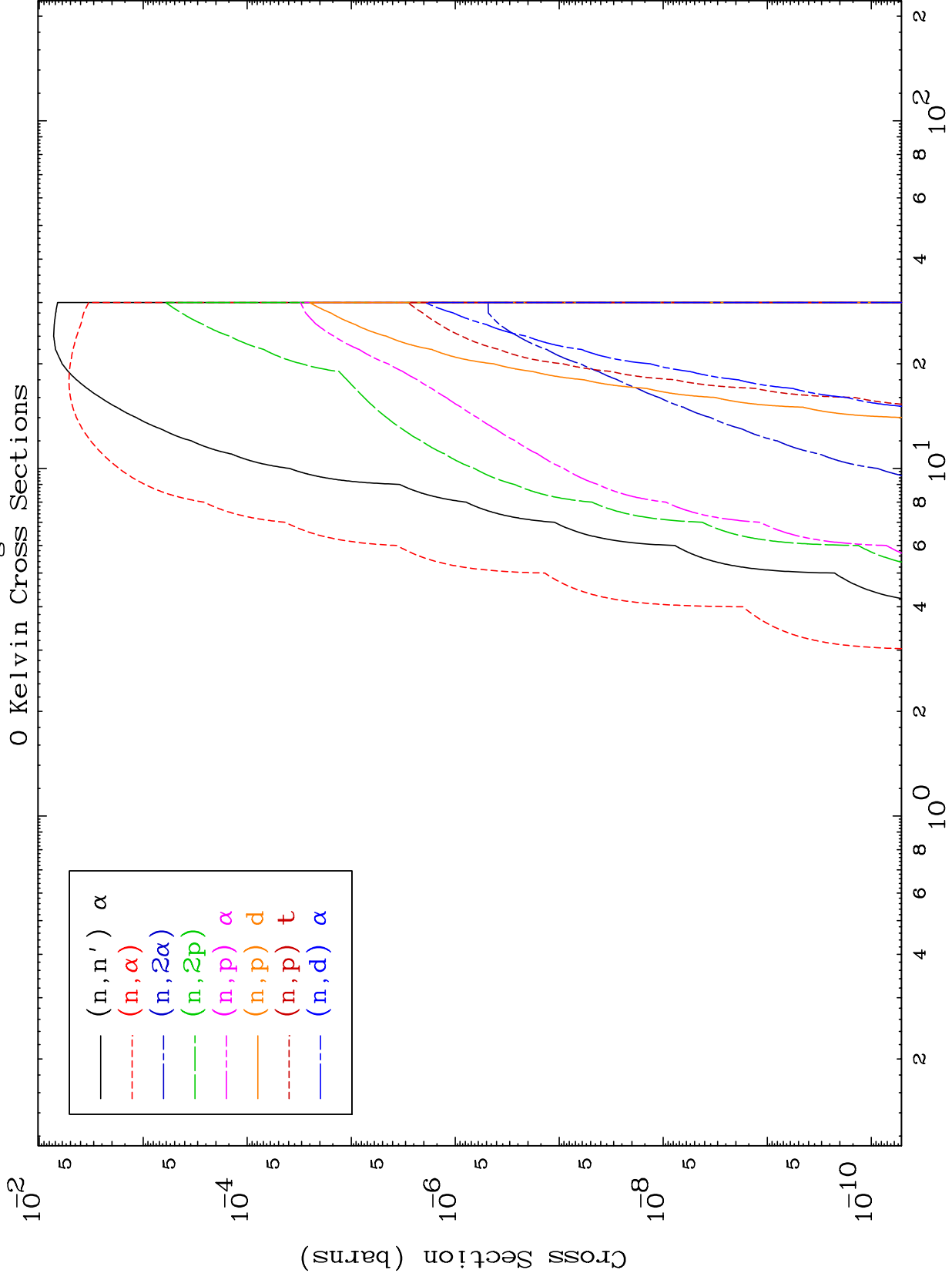
⁷¹Lu-170



MAT 7110

Deuteron Charged Particle
0 Kelvin Cross Sections

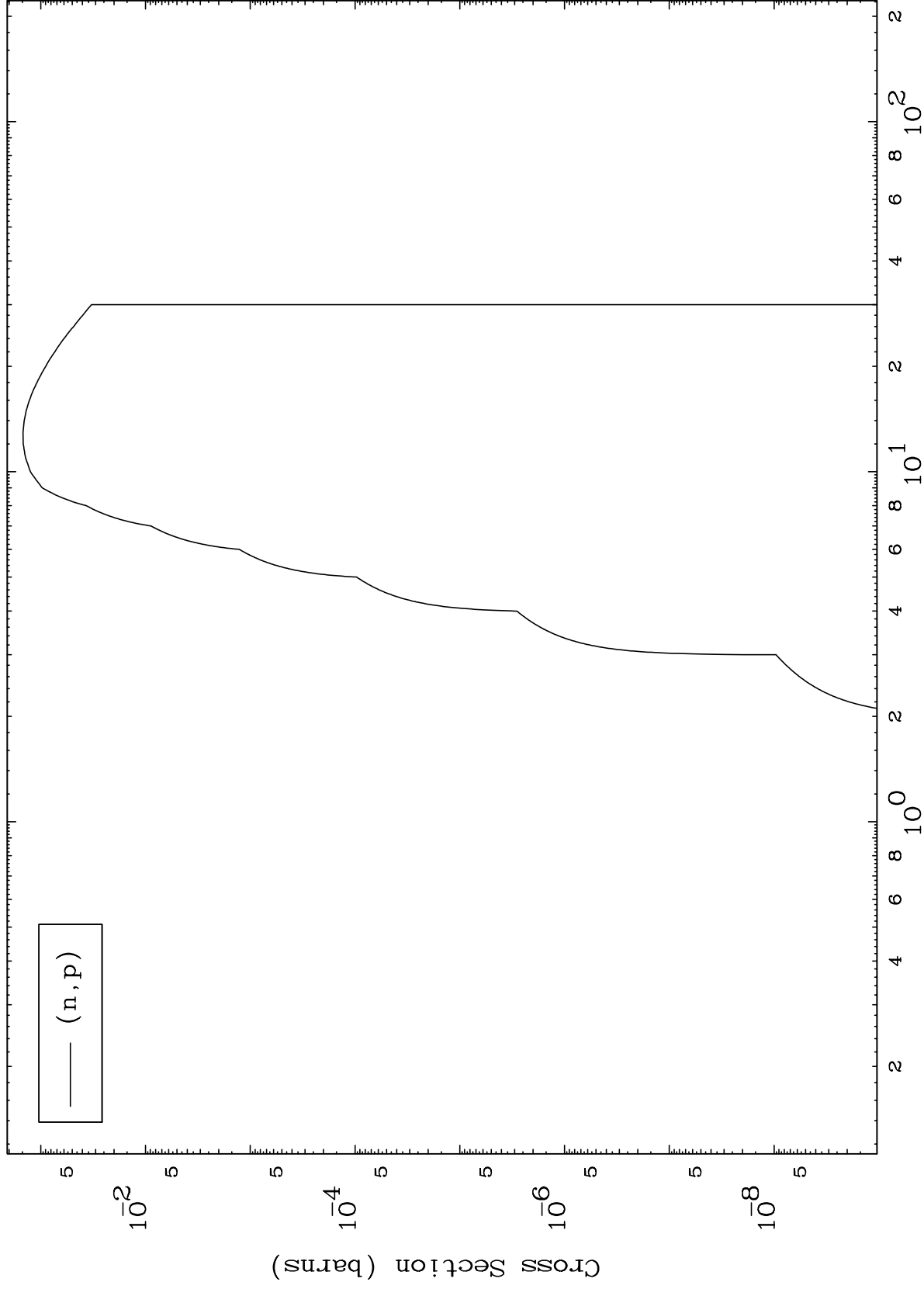
71-Lu-170



MAT 7110

⁷¹Lu-170

(d,p) Levels
0 Kelvin Cross Sections

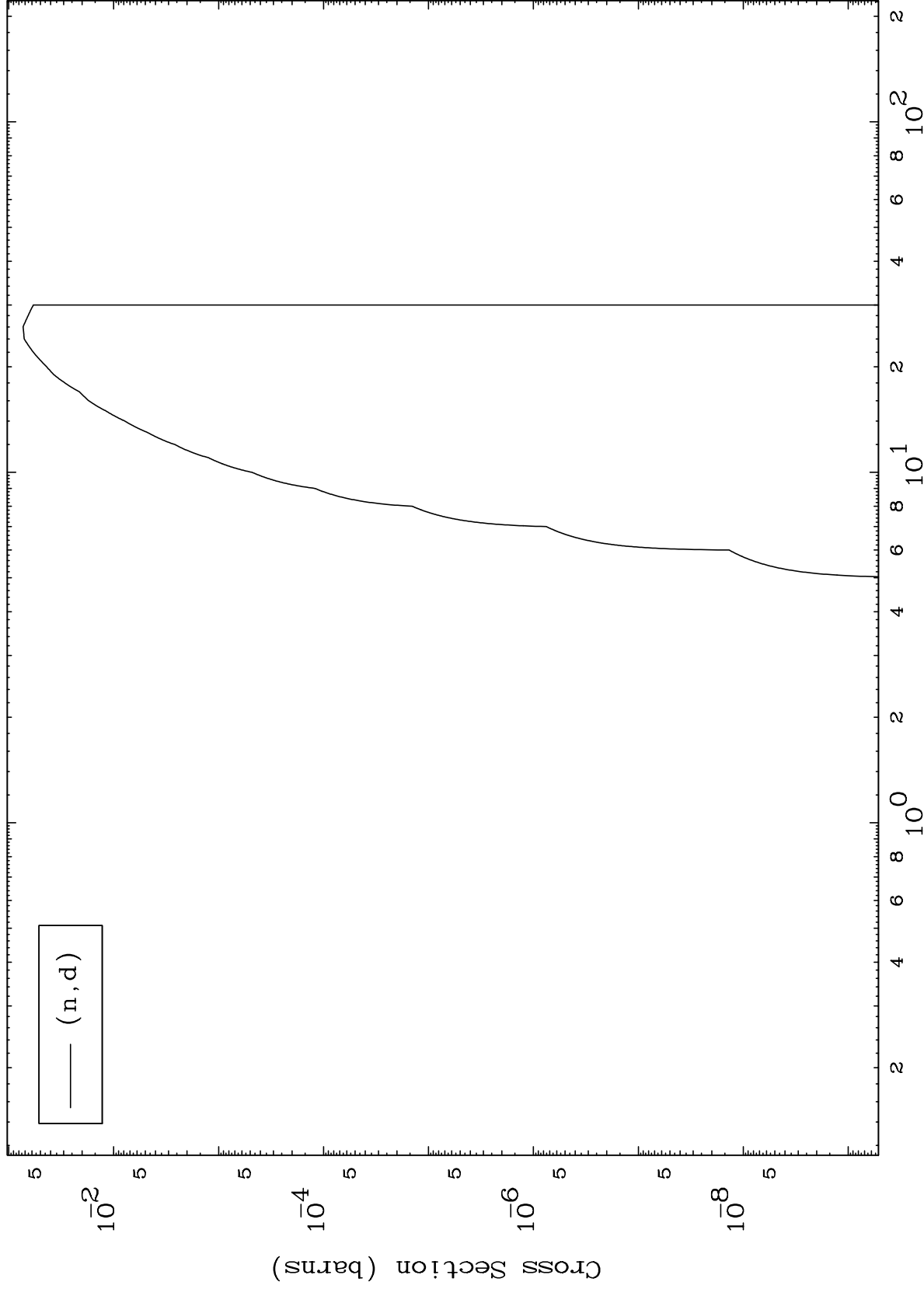


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(d,d) Levels

71-Lu-170

0 Kelvin Cross Sections

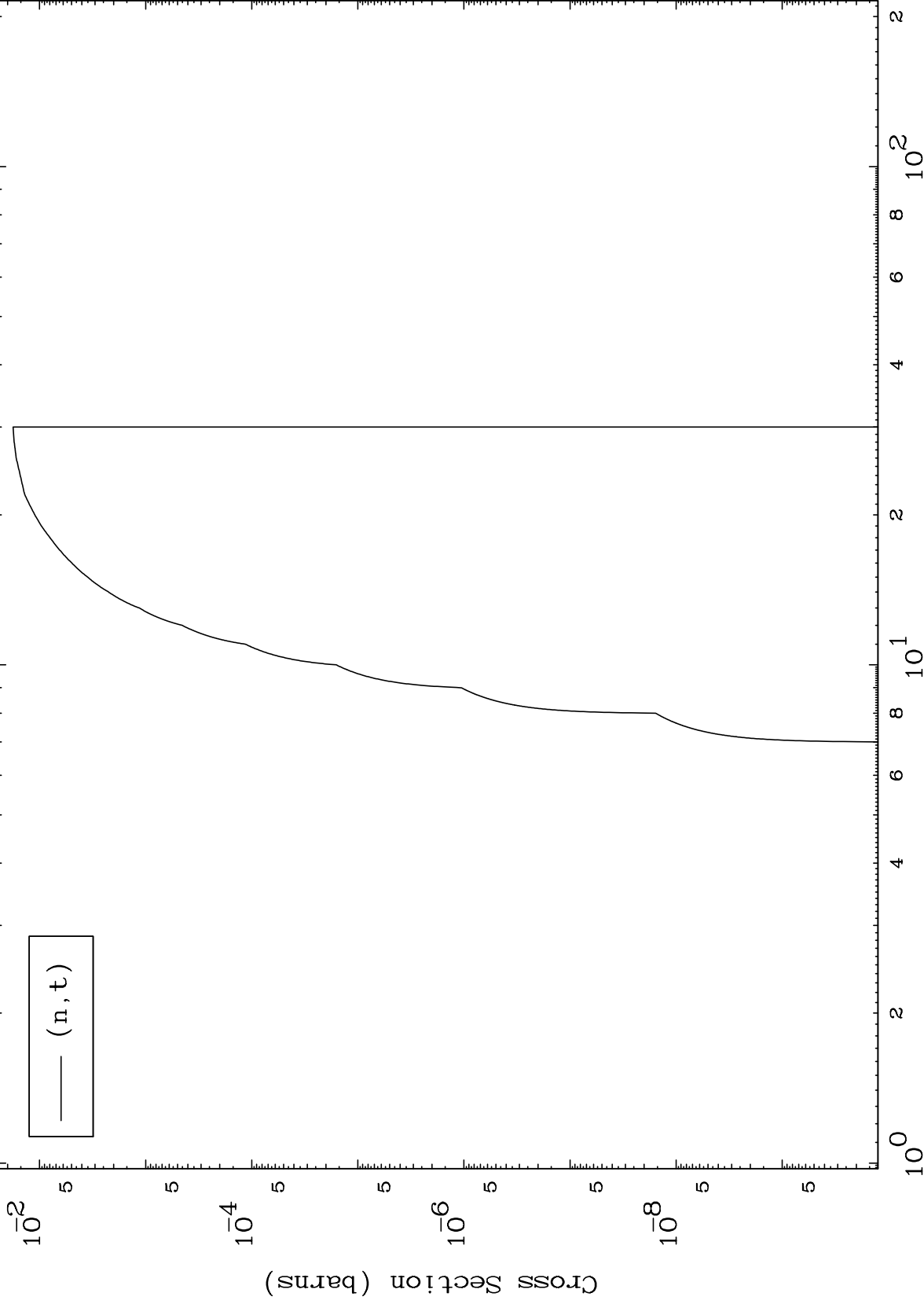


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(d, t) Levels

71-Lu-170

0 Kelvin Cross Sections



Incident Energy (MeV)

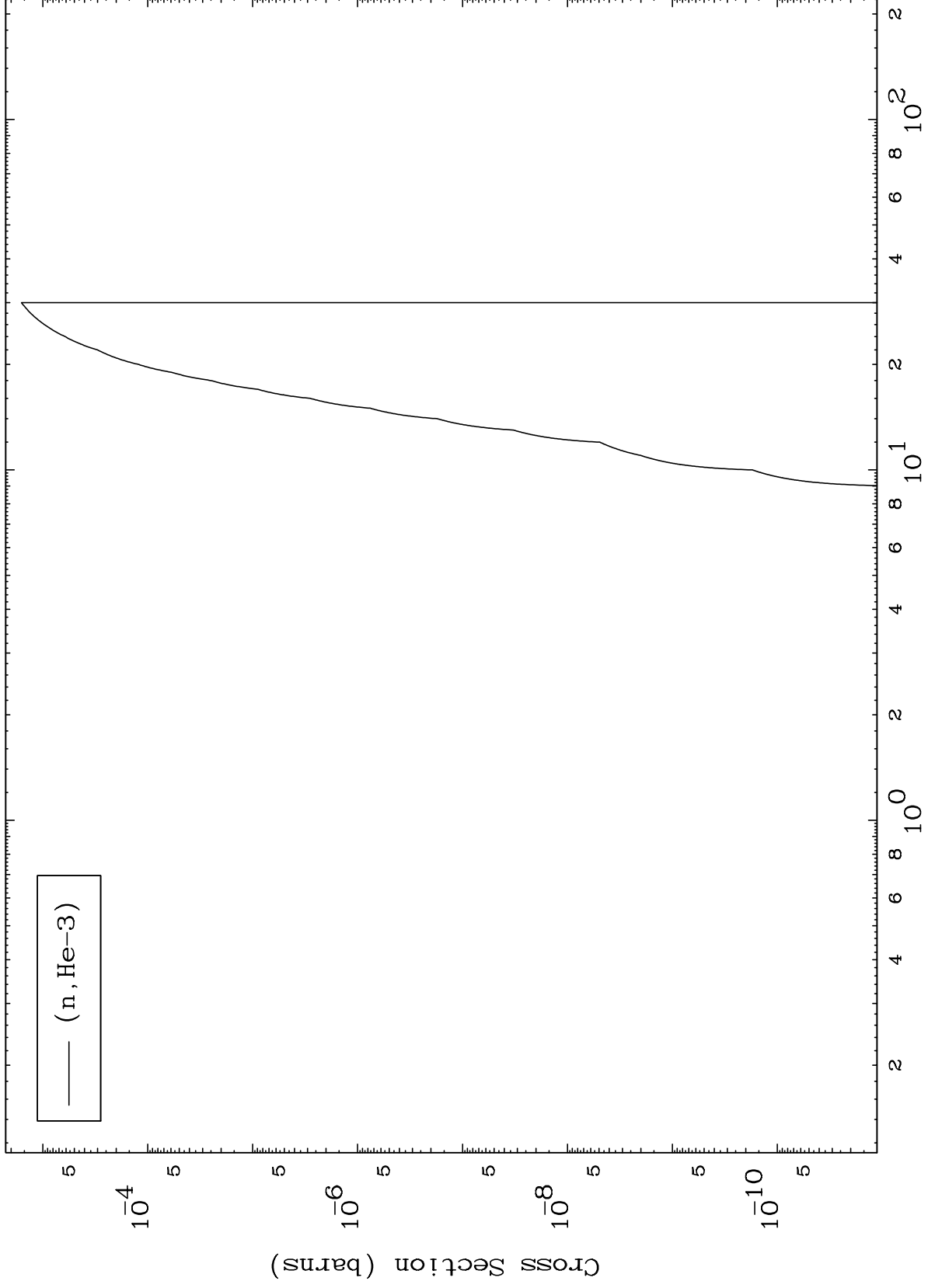
71-Lu-170

MAT 7110

(d,He3) Levels

71-Lu-170

0 Kelvin Cross Sections

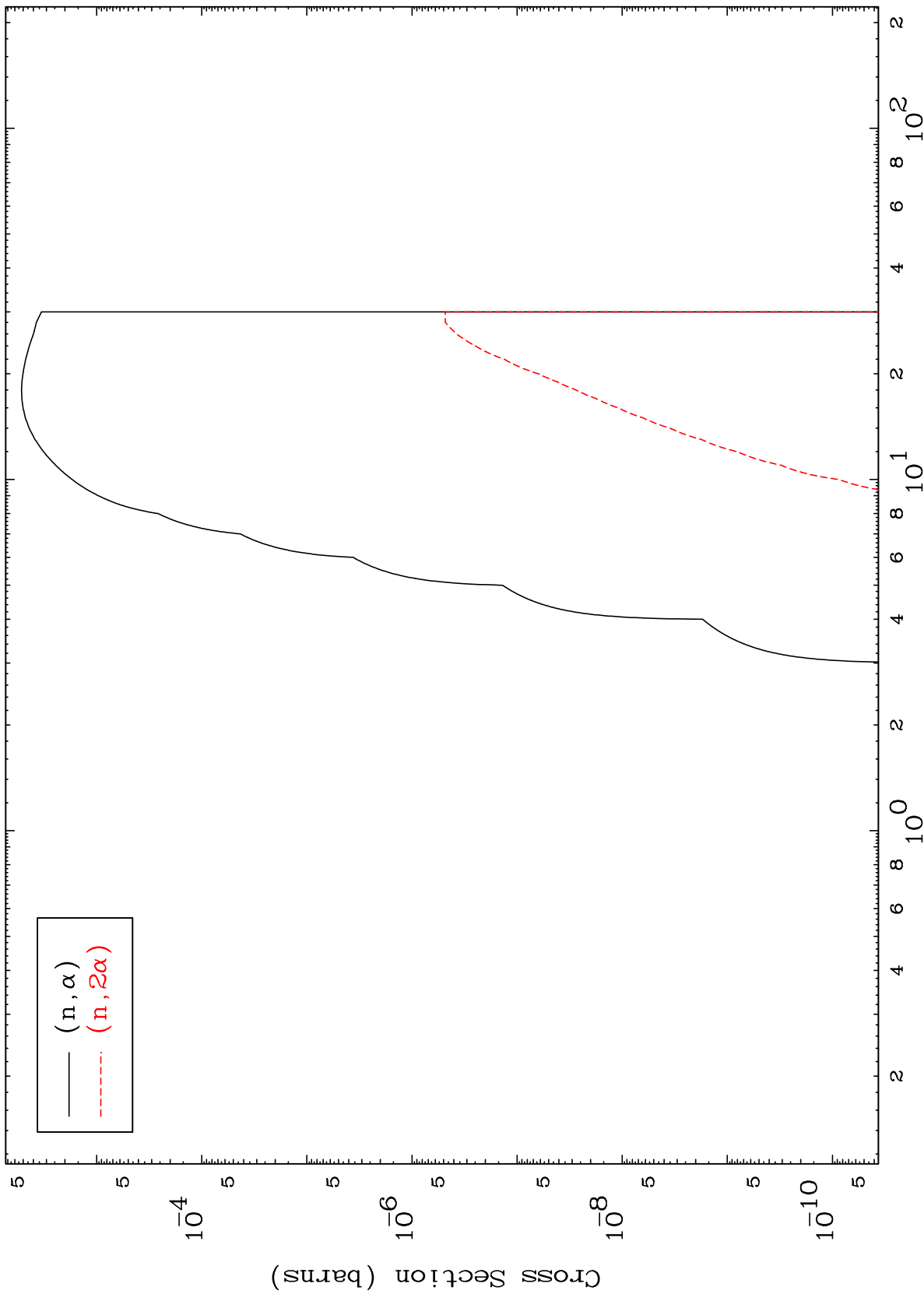


(n, He-3)

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71-Lu-170

(d, α) Levels
0 Kelvin Cross Sections



12

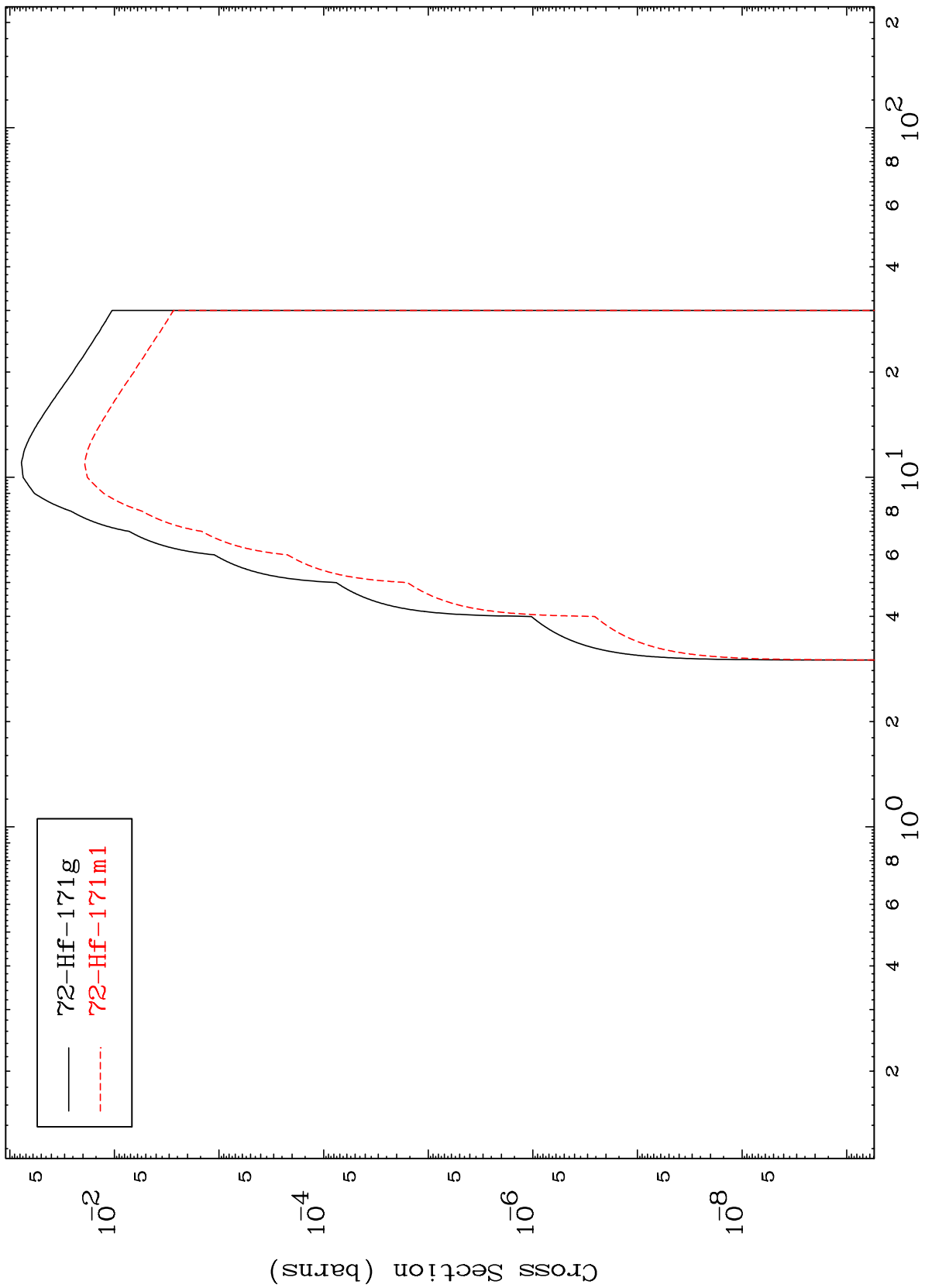
71-Lu-170

Incident Energy (MeV)

MAT 7110

71-Lu-170

Radionuclide Production Cross Section



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

71-Lu-170

Incident Energy (MeV)

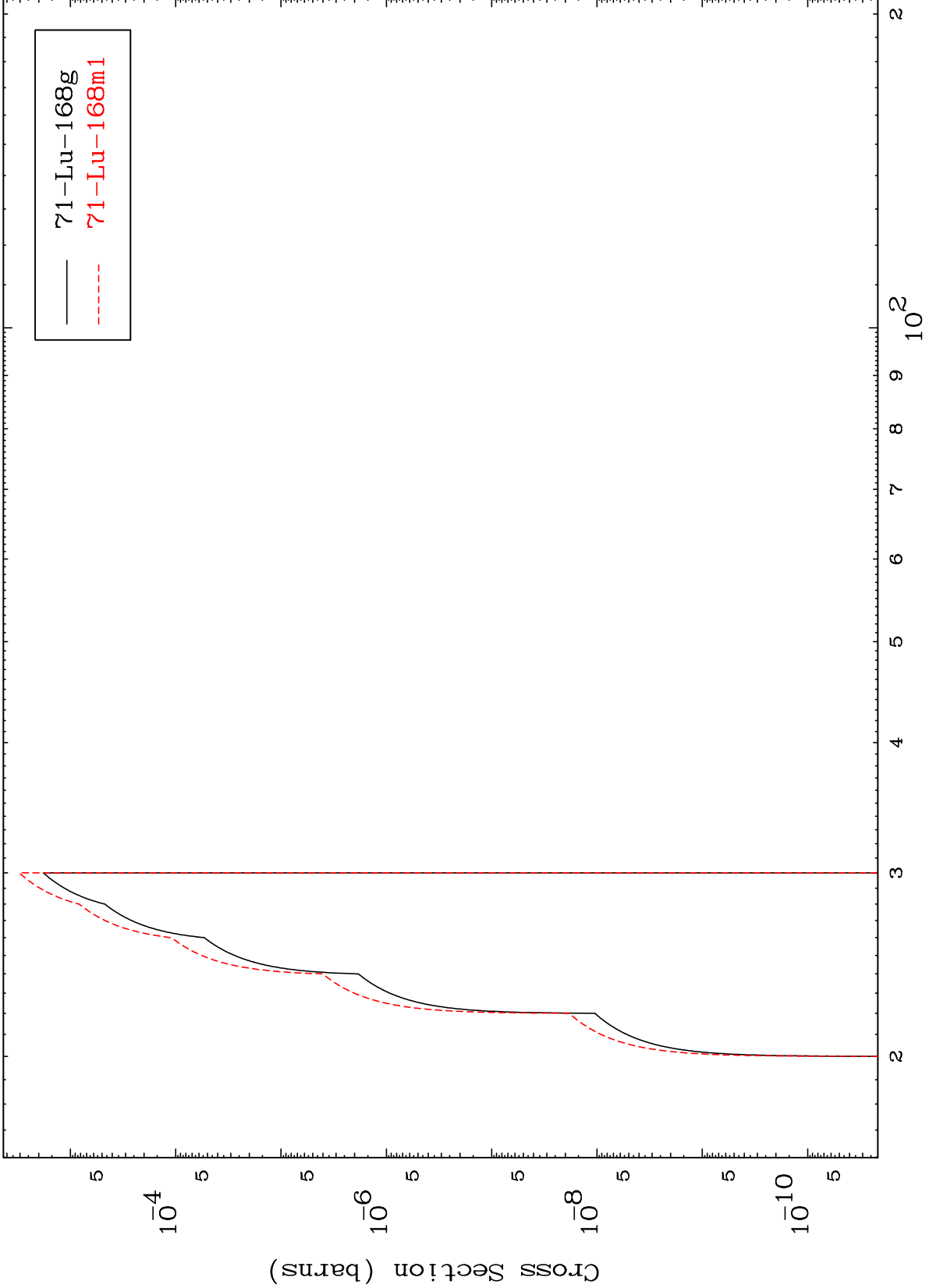
13

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(n,2n) d

71-Lu-170

Radionuclide Production Cross Section



14

Incident Energy (MeV)

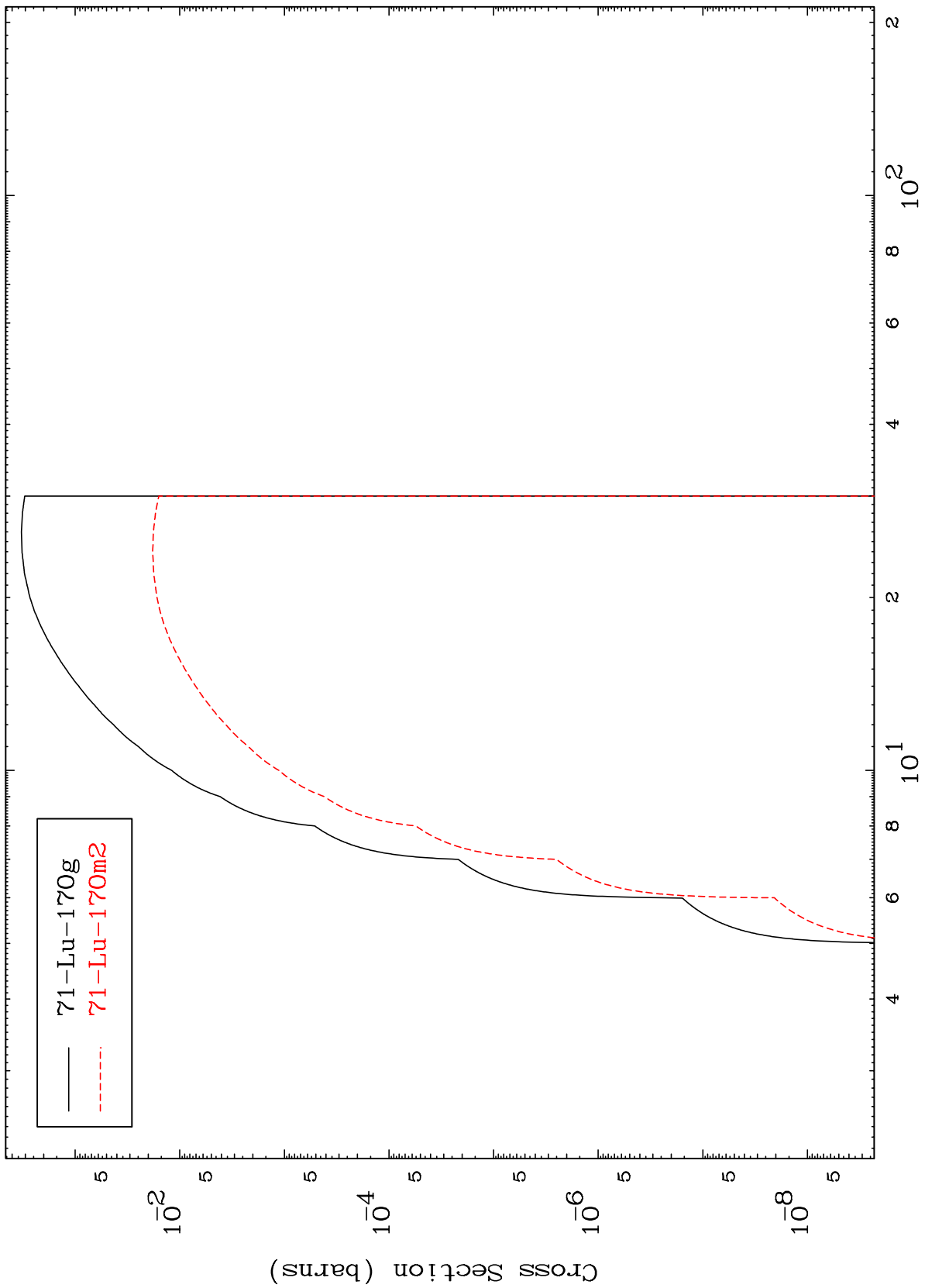
71-Lu-170

MAT 7110

(n,n') p

⁷¹Lu-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

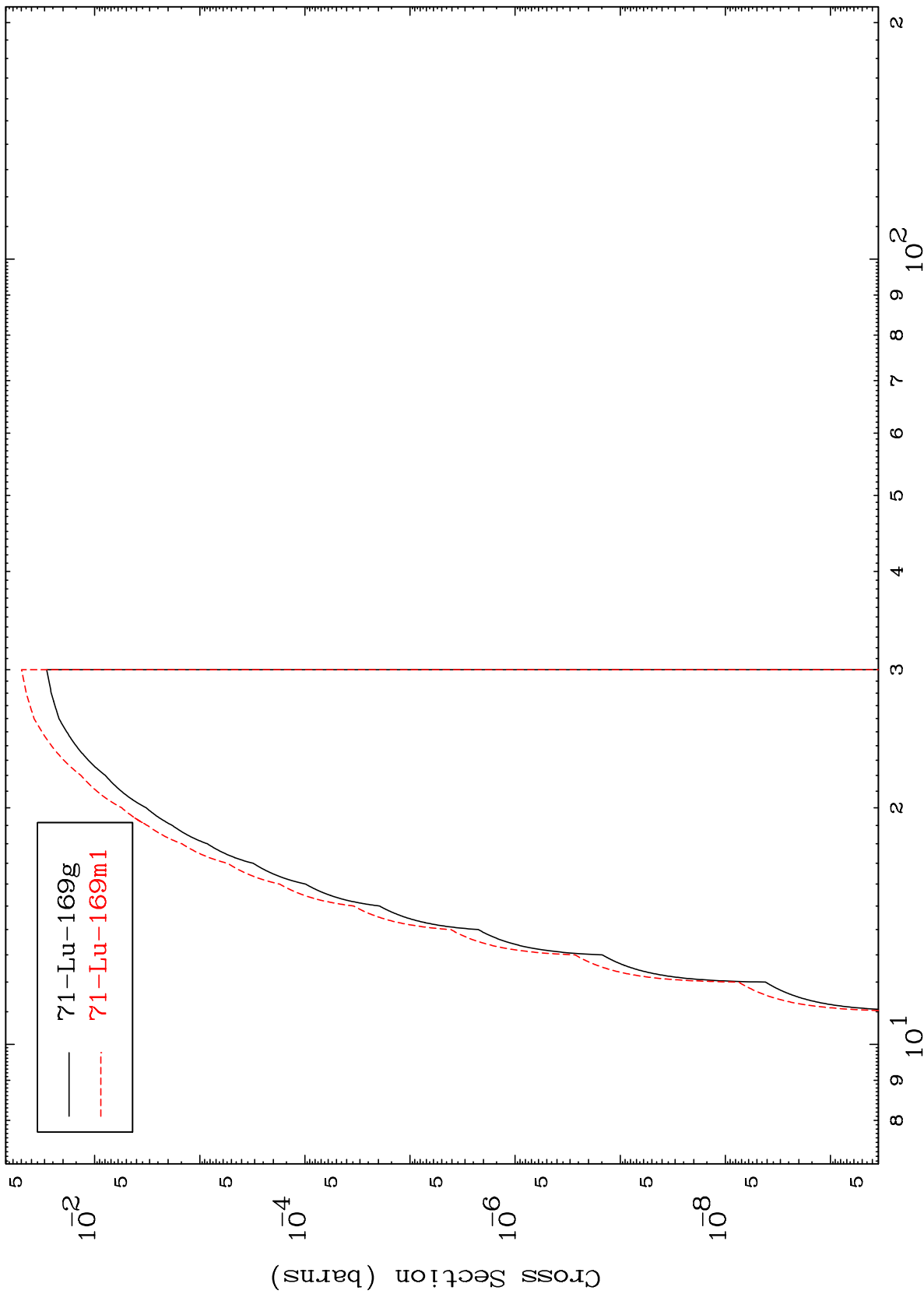
⁷¹Lu-170

MAT 7110

(n,n') d

71-Lu-170

Radionuclide Production Cross Section



16

Incident Energy (MeV)

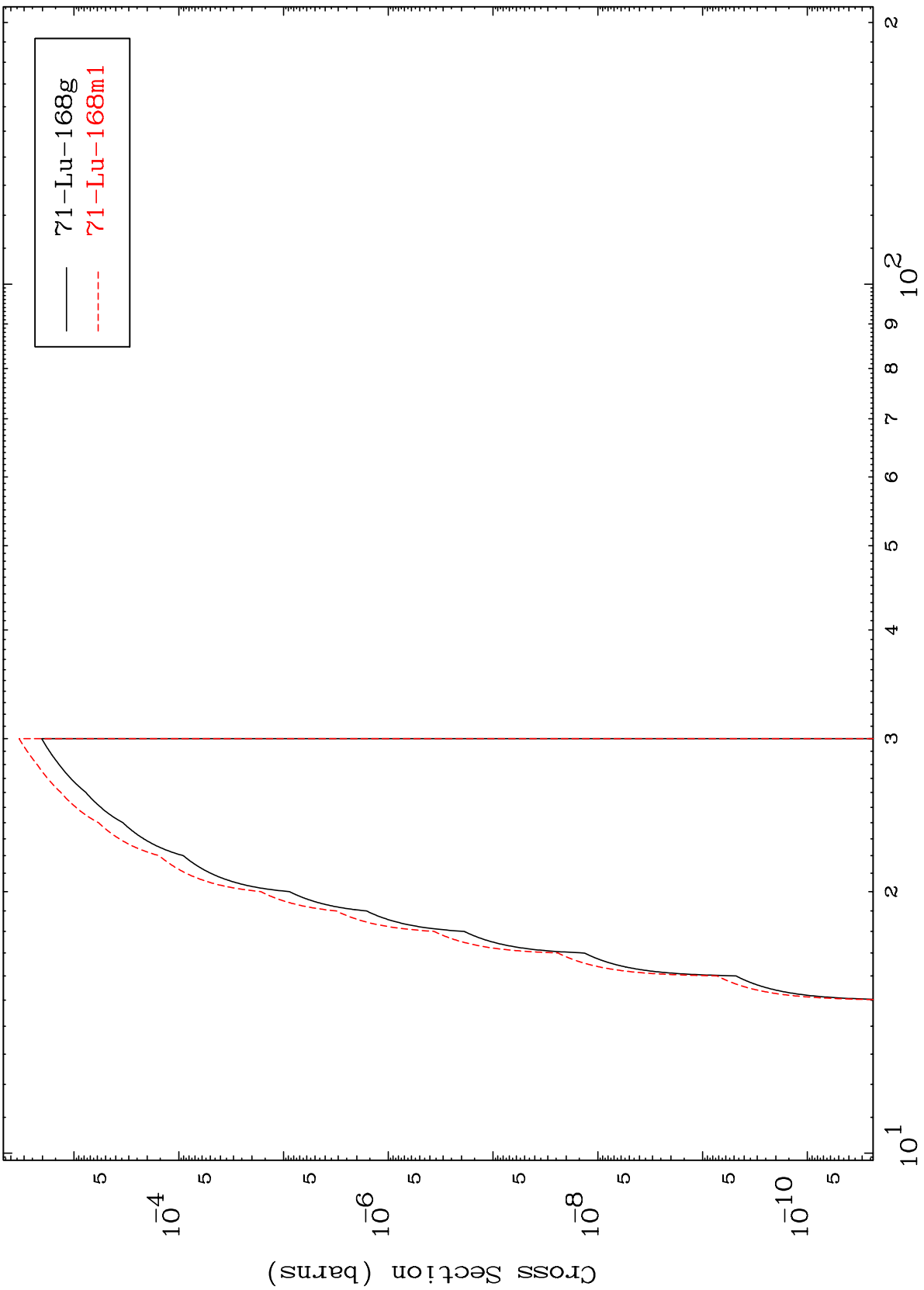
71-Lu-170

MAT 7110

(n,n') t

71-Lu-170

Radionuclide Production Cross Section



Incident Energy (MeV)

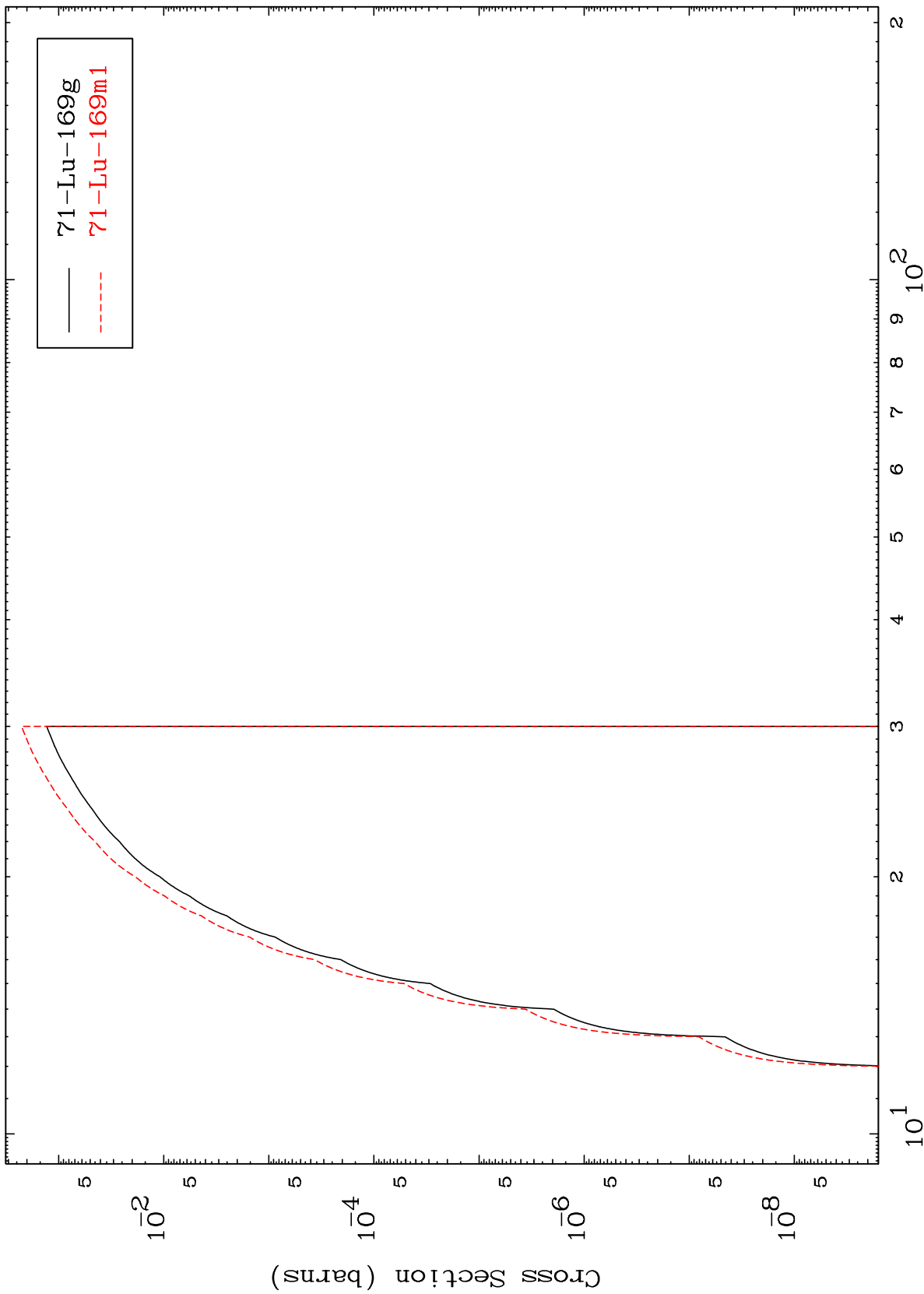
71-Lu-170

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(n,2n) p

71-Lu-170

Radionuclide Production Cross Section



Incident Energy (MeV)

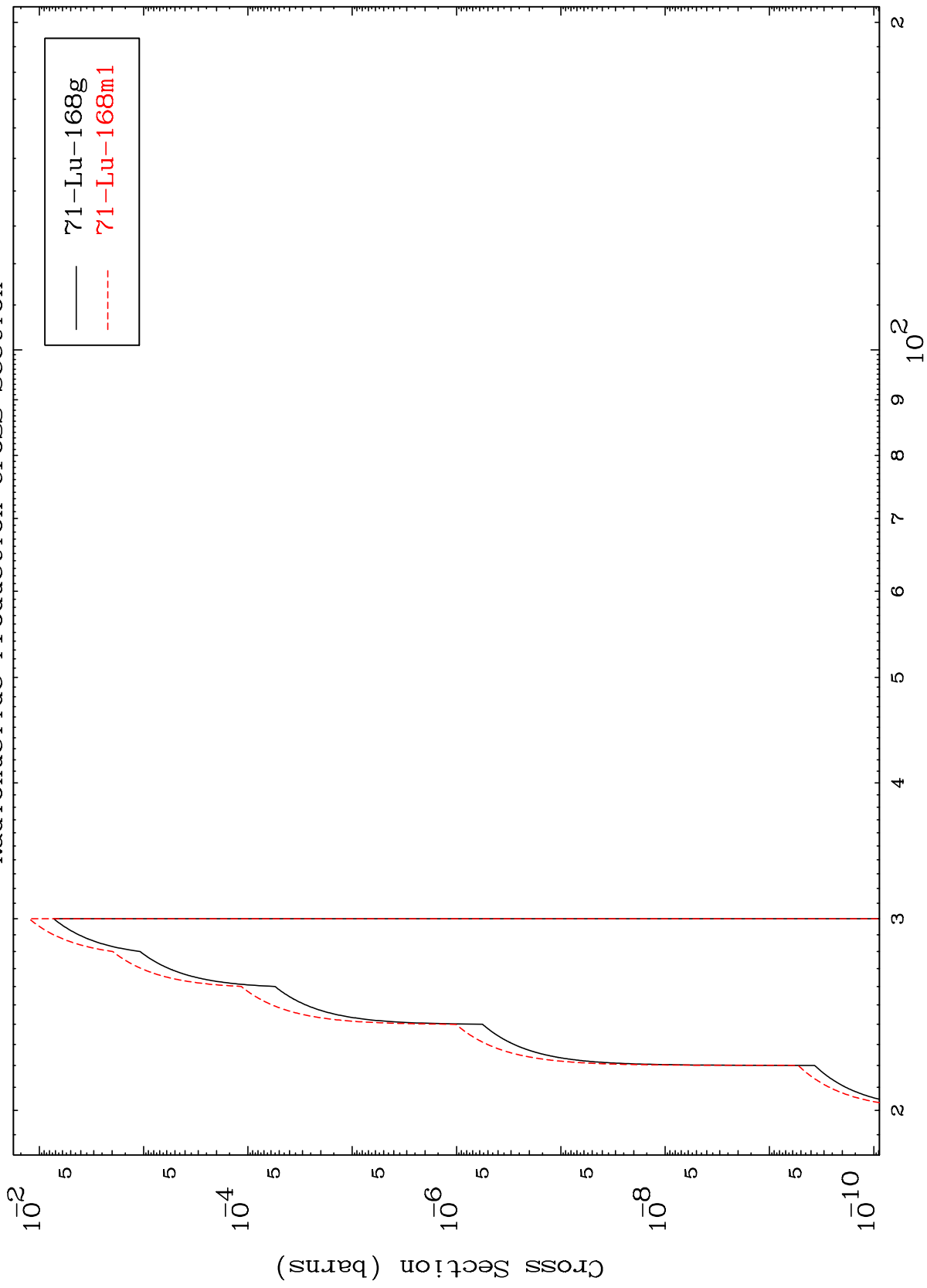
71-Lu-170

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(n,3n) p

71-Lu-170

Radionuclide Production Cross Section



19

Incident Energy (MeV)

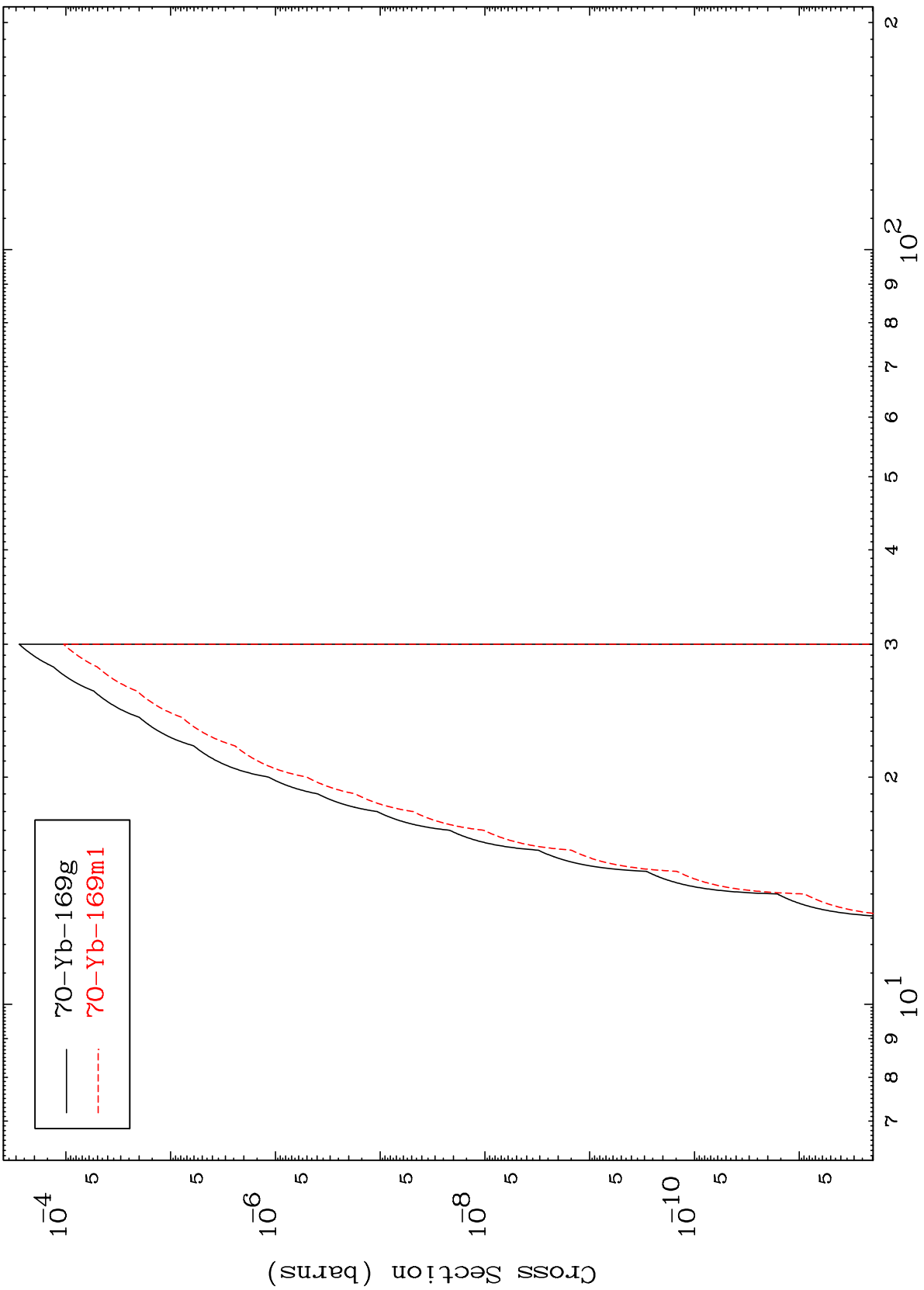
71-Lu-170

MAT 7110

(n,2n) p

71-Lu-170

Radionuclide Production Cross Section



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

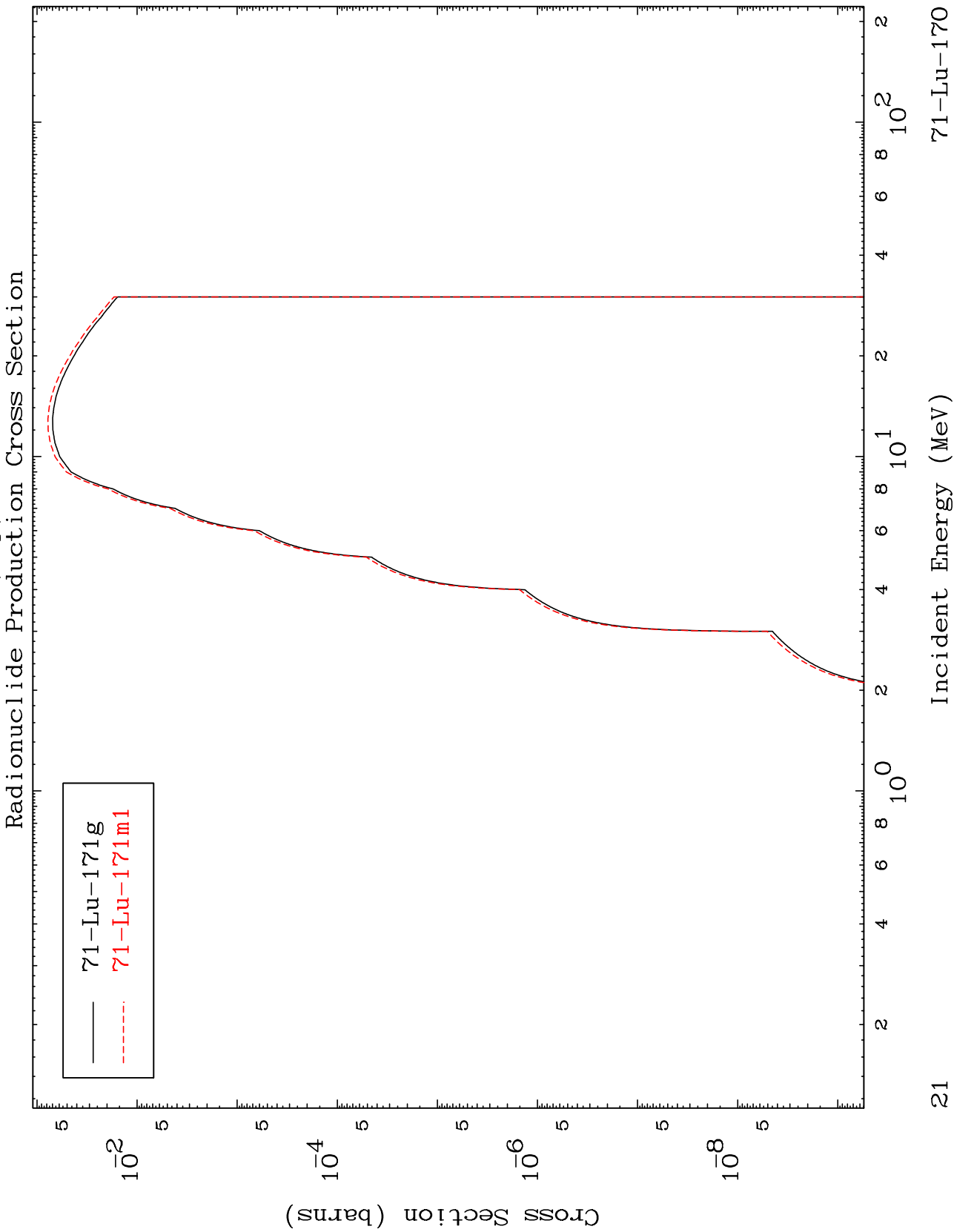
20

Incident Energy (MeV)

71-Lu-170

MAT 7110

71-Lu-170

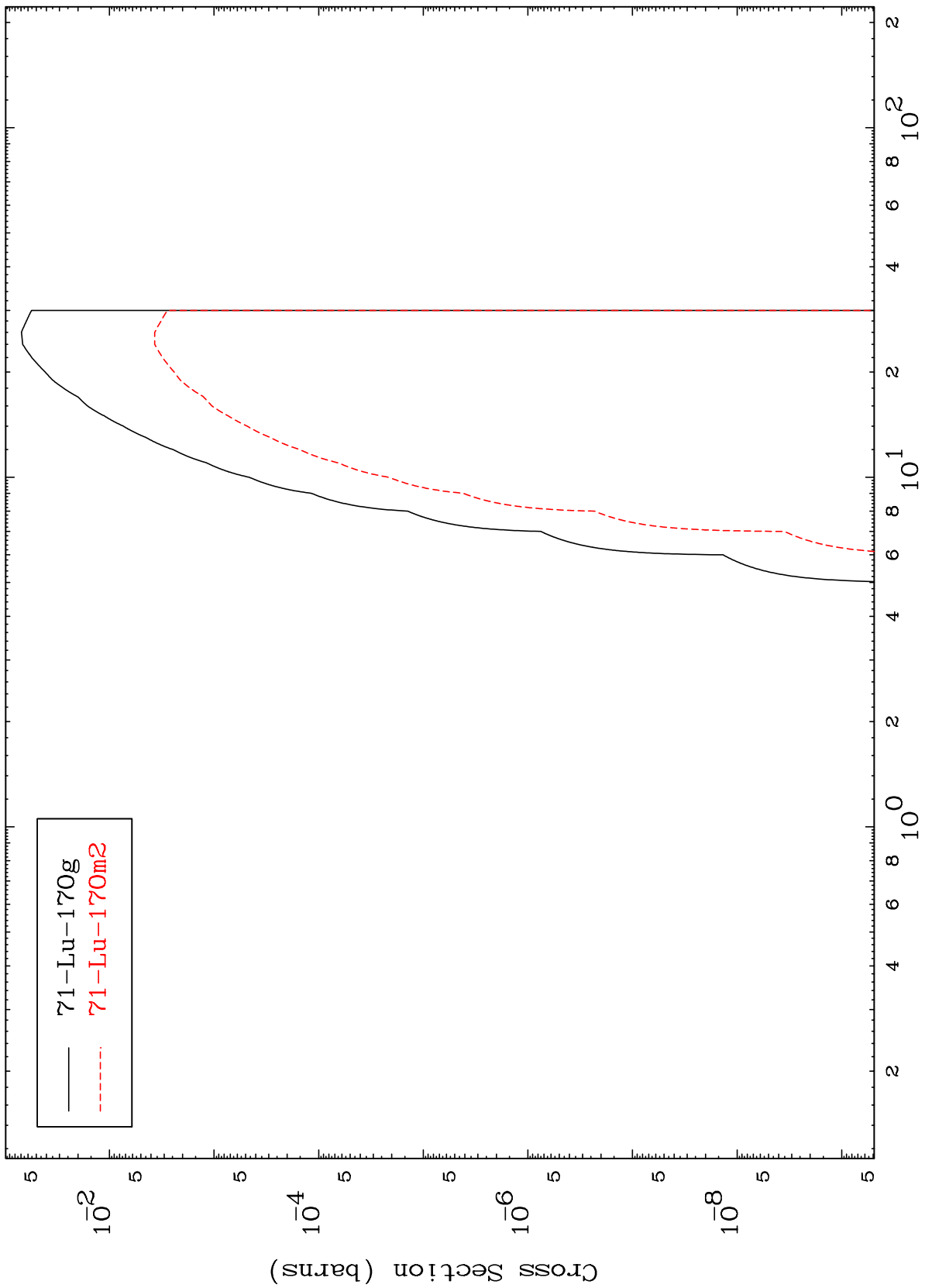


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(n, d)

⁷¹Lu-170

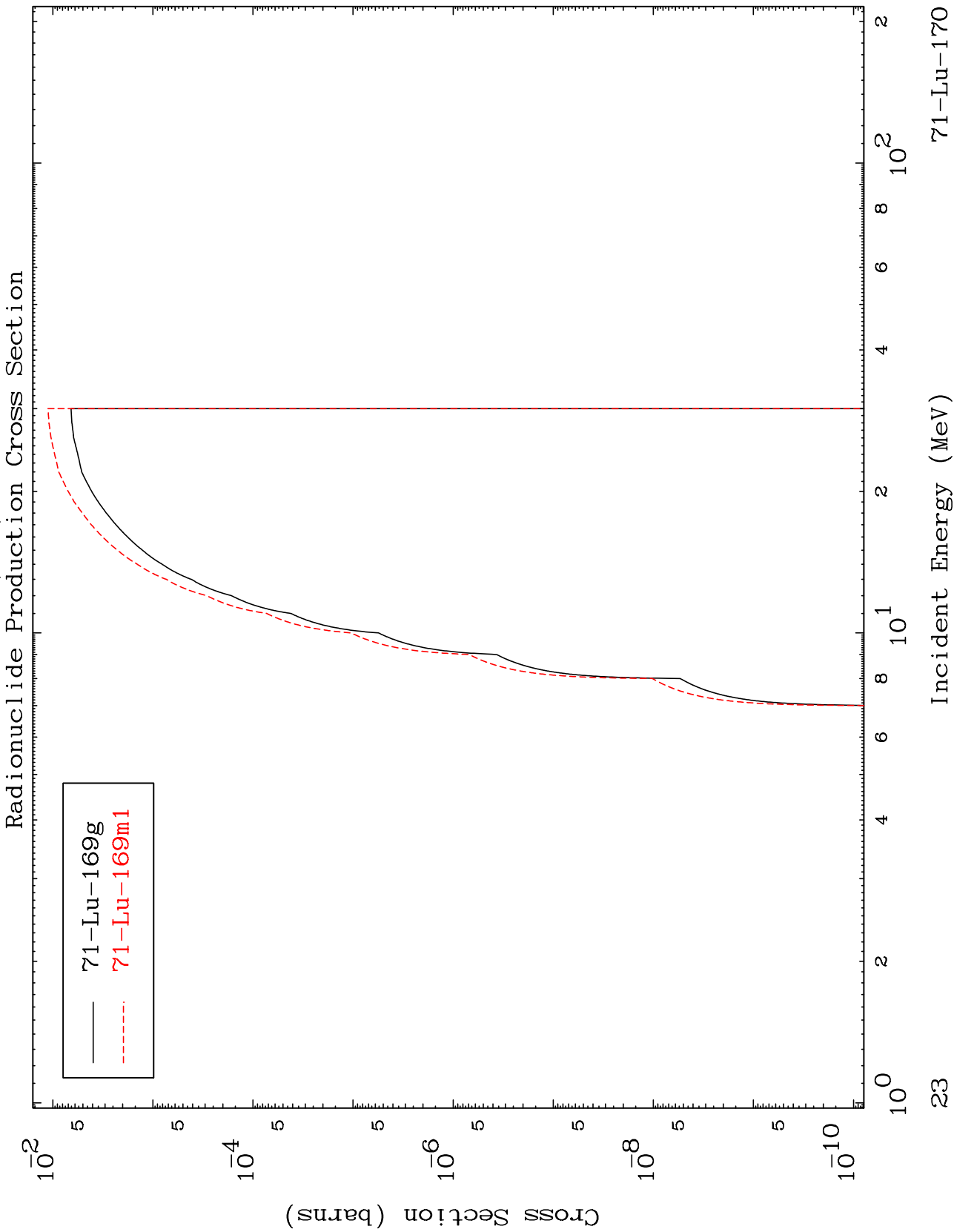
Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

MAT 7110

71-Lu-170



23

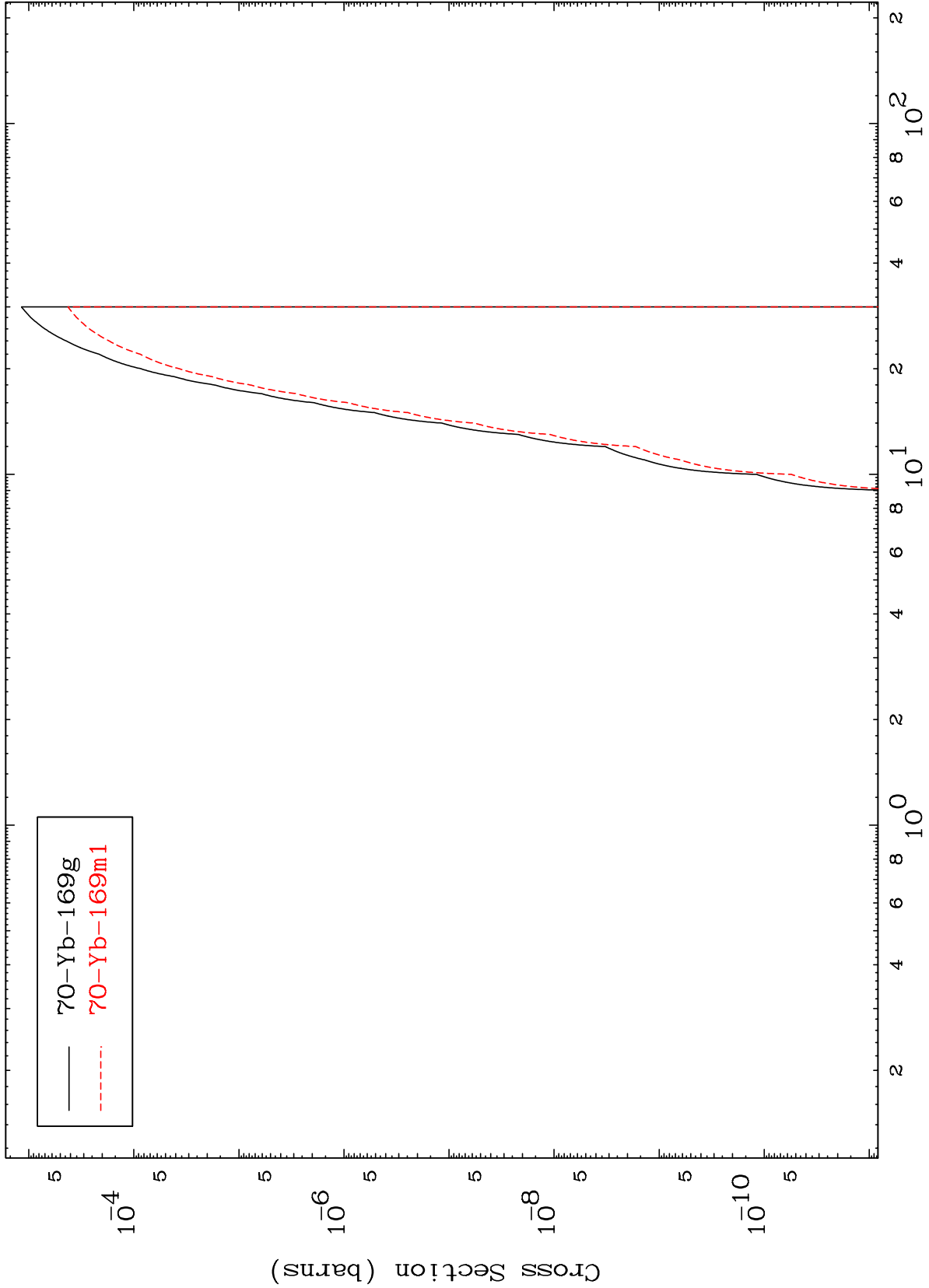
71-Lu-170

MAT 7110

(n,He-3)

71-Lu-170

Radionuclide Production Cross Section

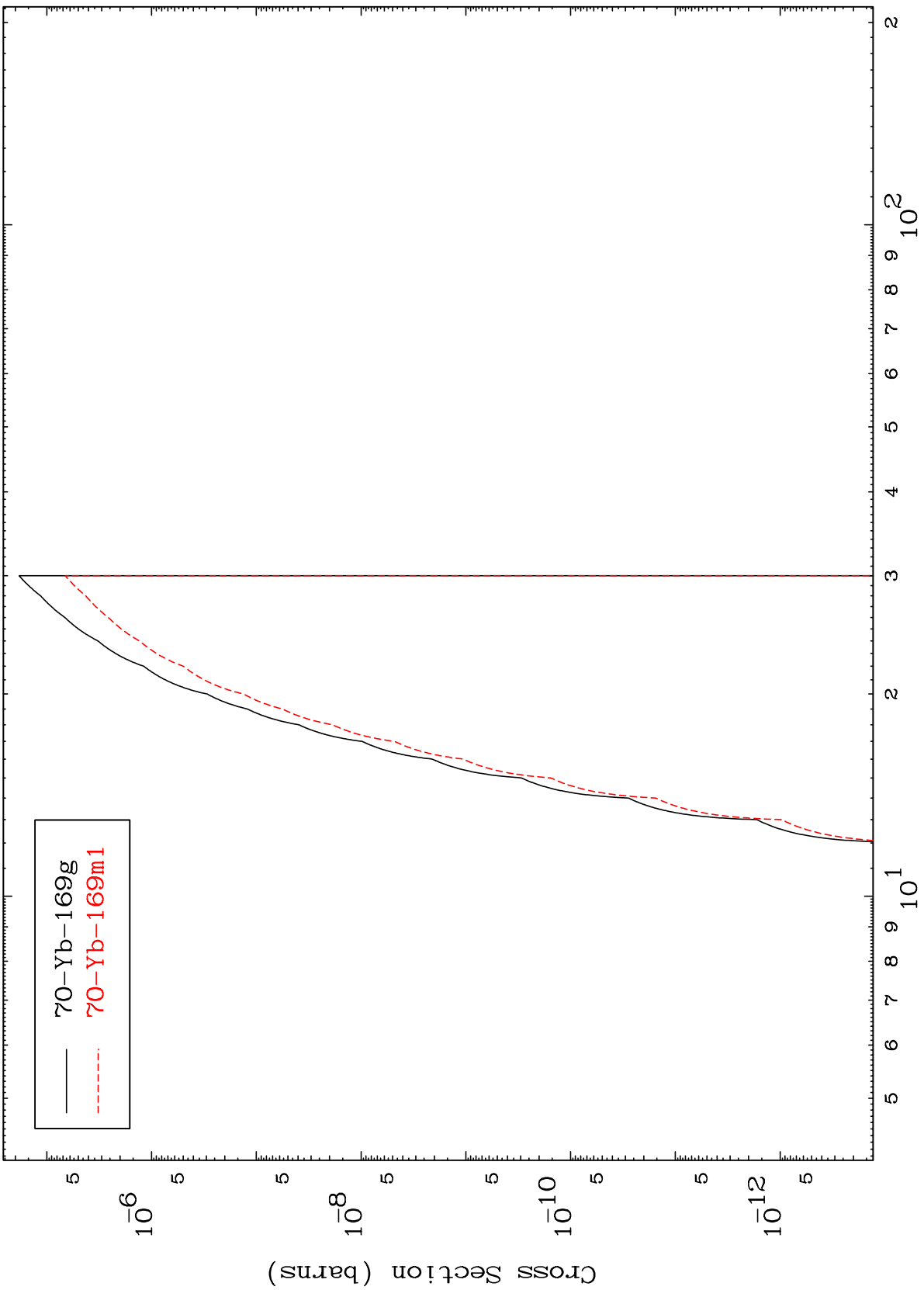


MAT 7110

(n,p) d

⁷¹Lu-170

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷¹Lu-170