

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

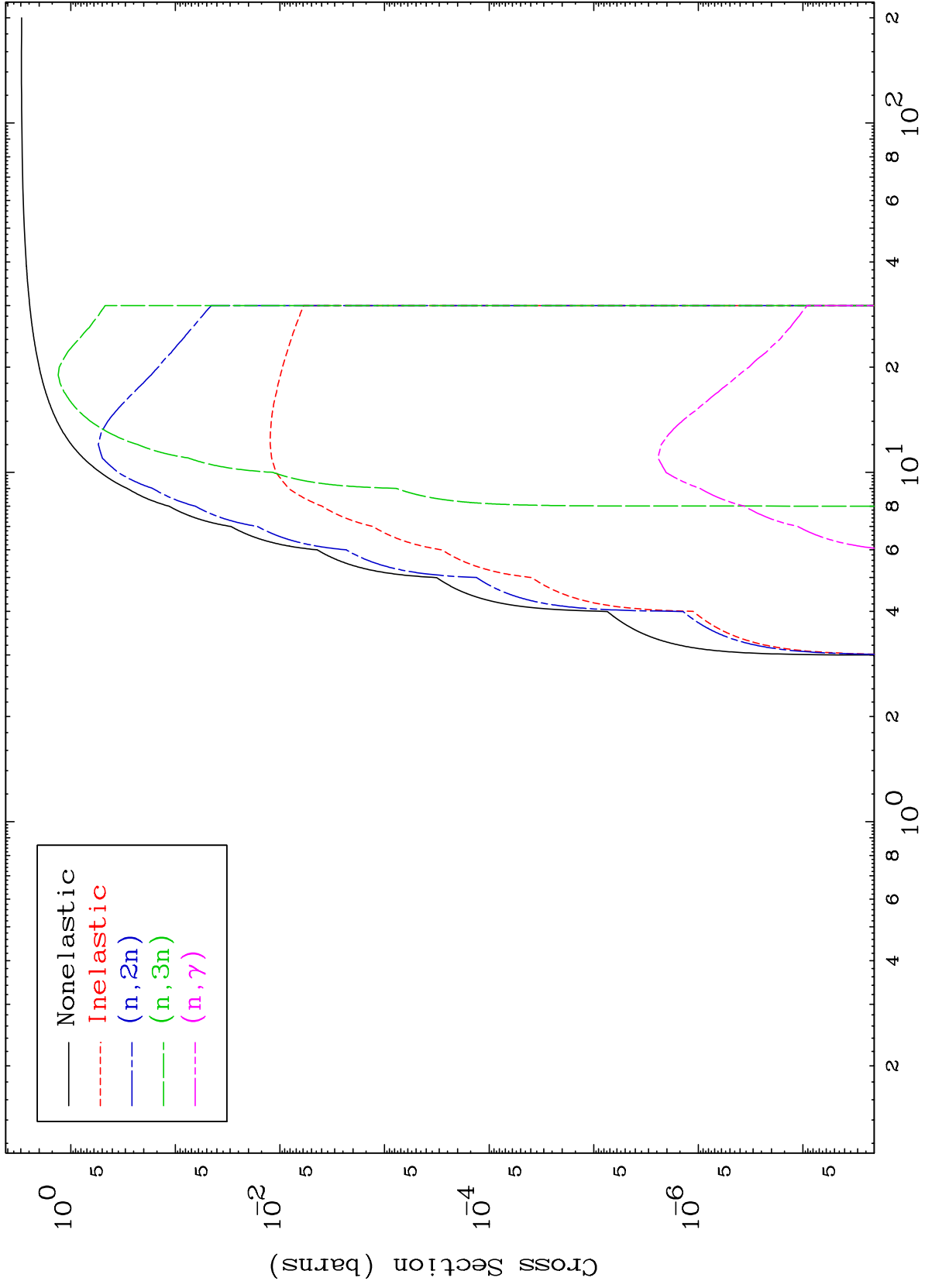
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Web:redcullen1.net/HOMEPAGE.NEW

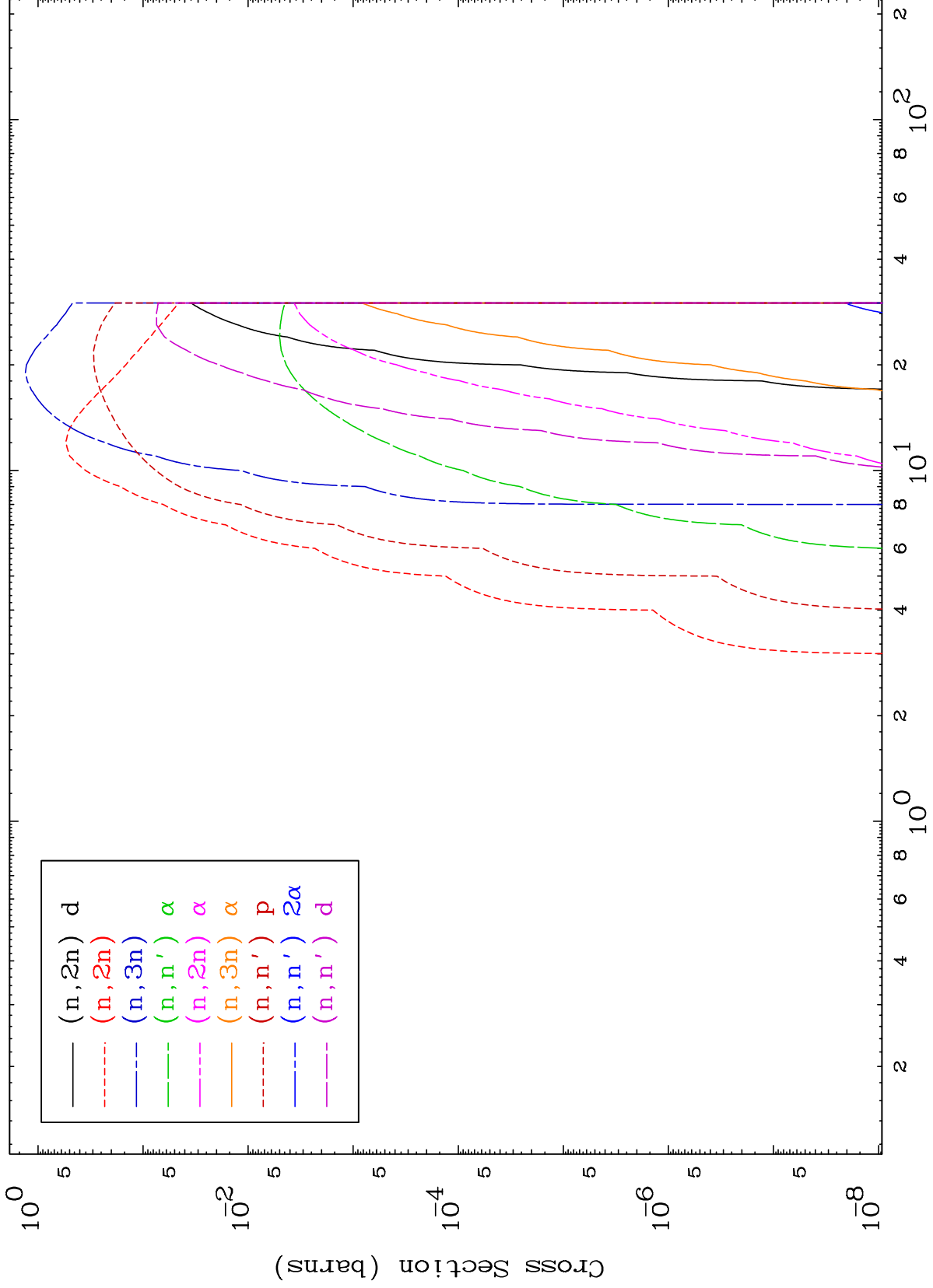
Press Mouse Button to Start



MAT 7132

Deuteron Neutron Absorption
0 Kelvin Cross Sections

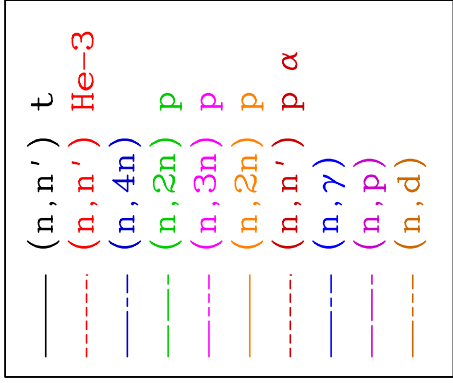
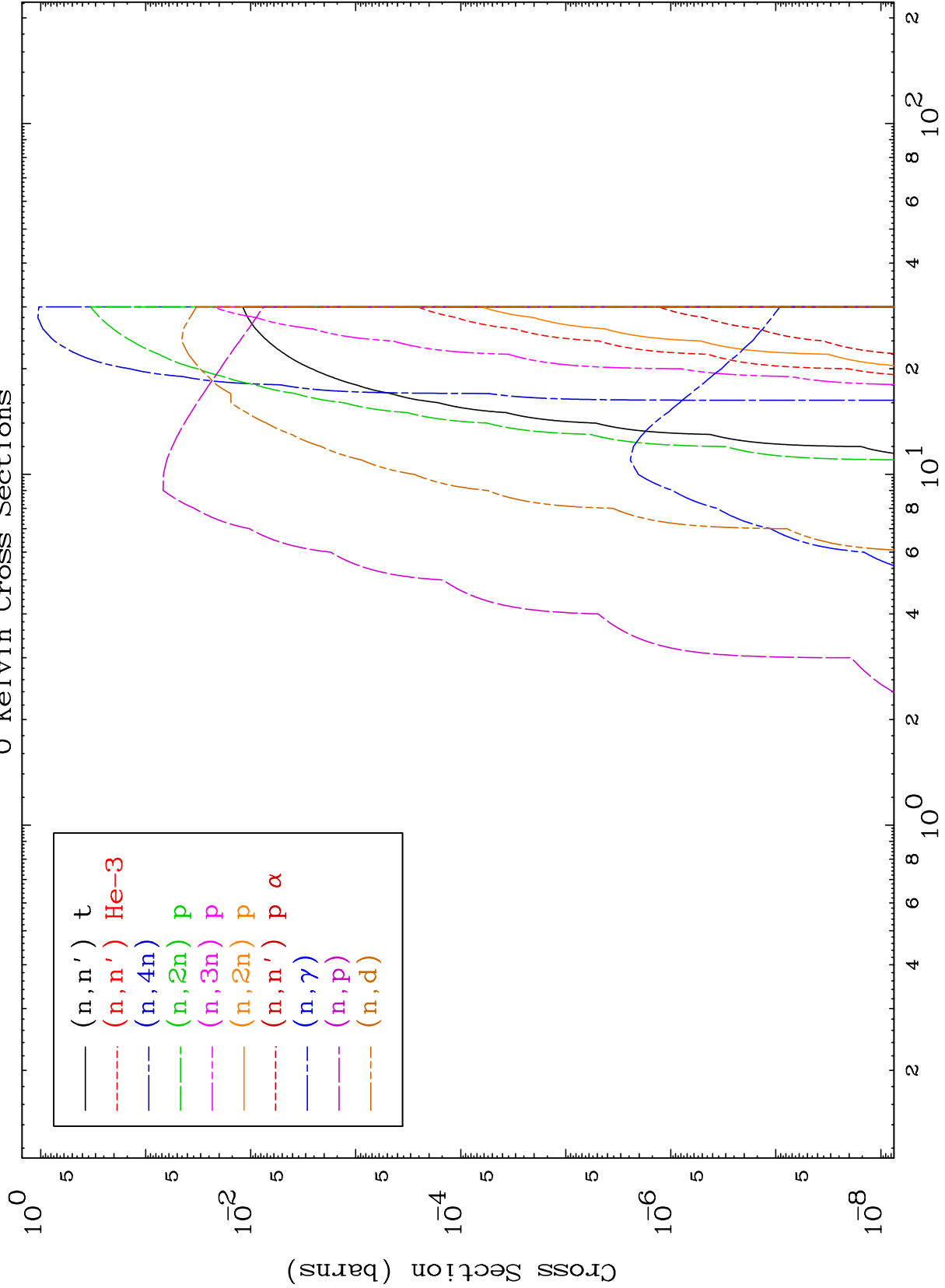
71-Lu-177m



MAT 7132

Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-177m



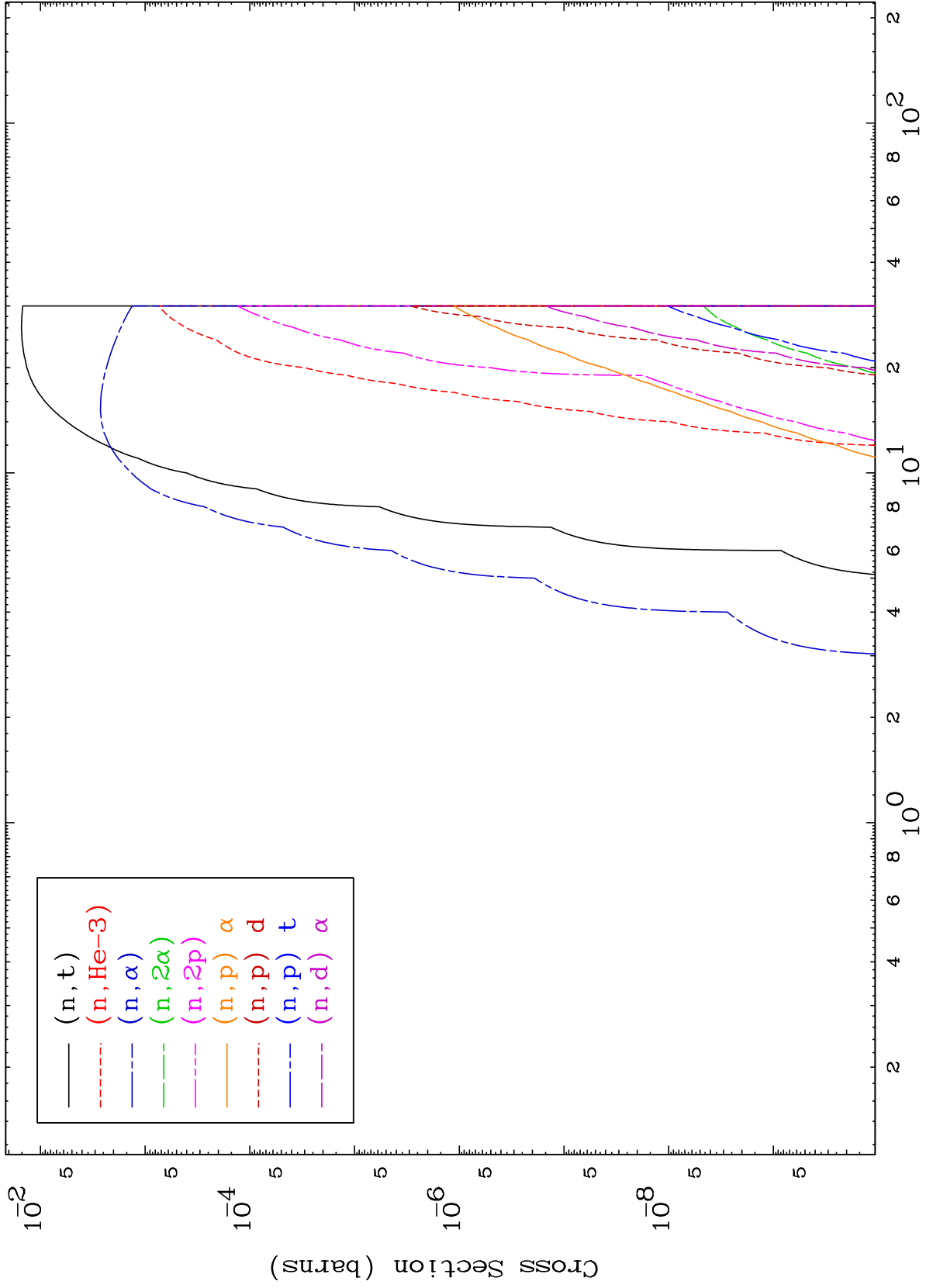
71-Lu-177m

Incident Energy (MeV)

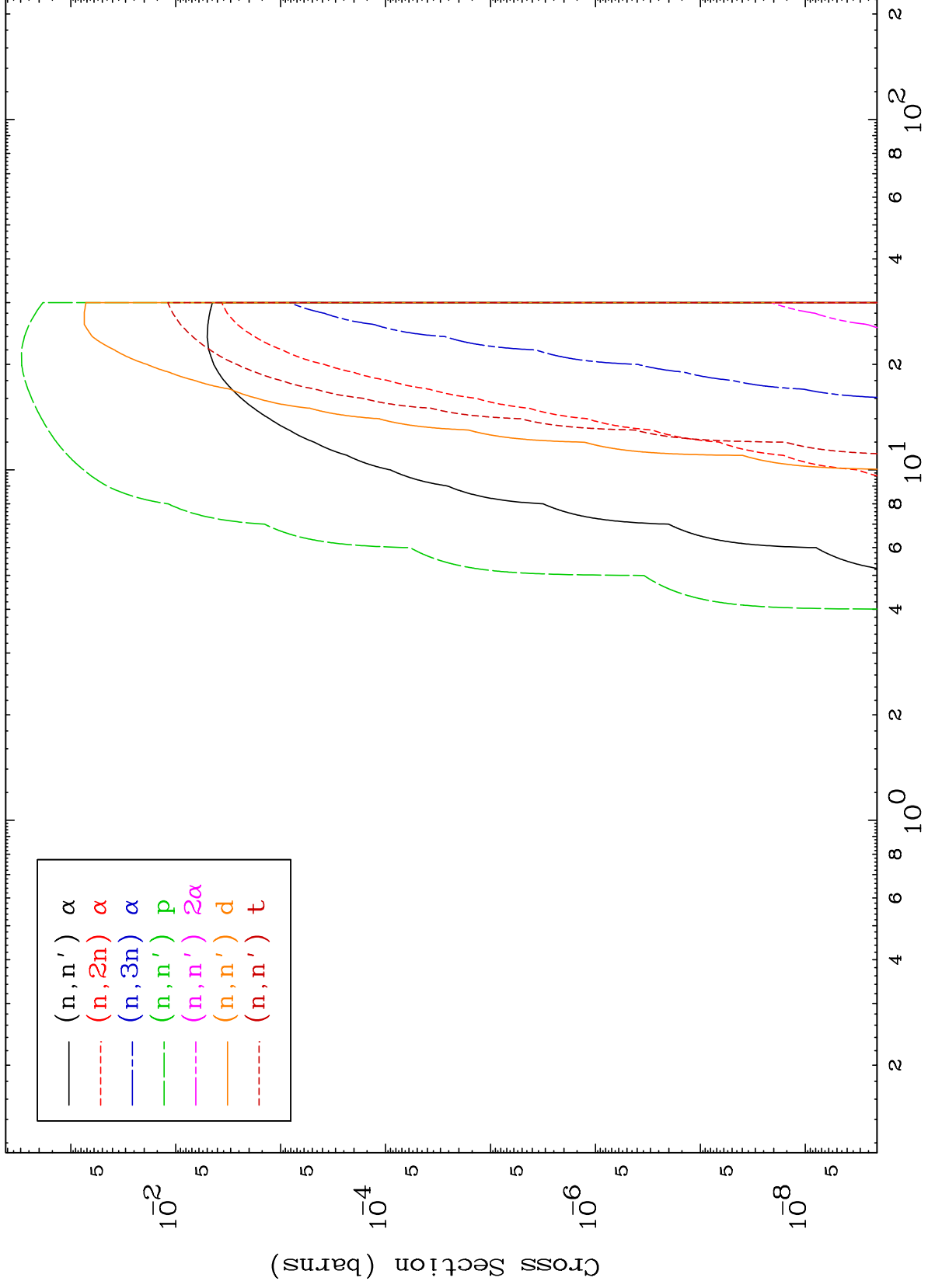
MAT 7132

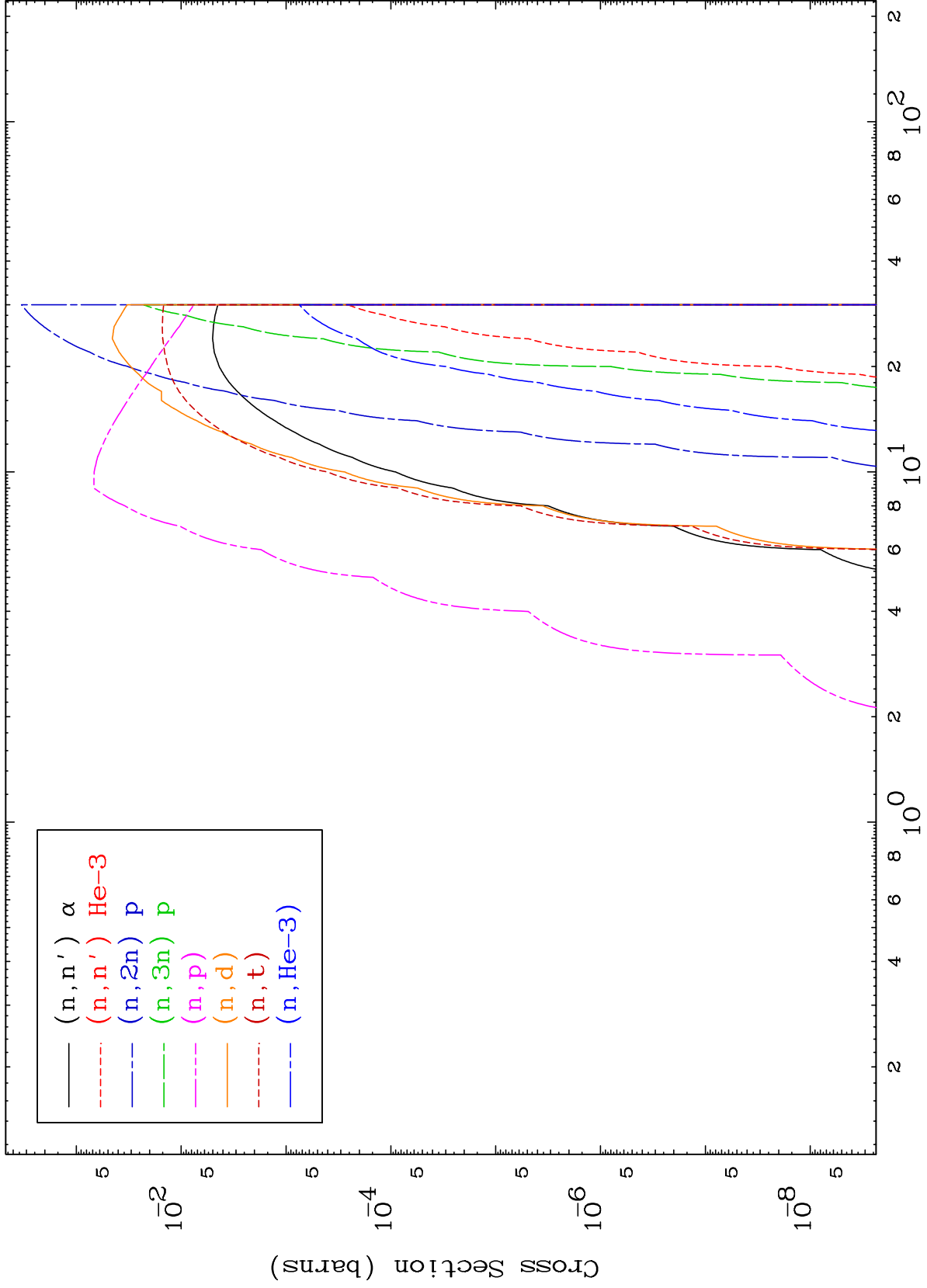
Deuteron Neutron Absorption
0 Kelvin Cross Sections

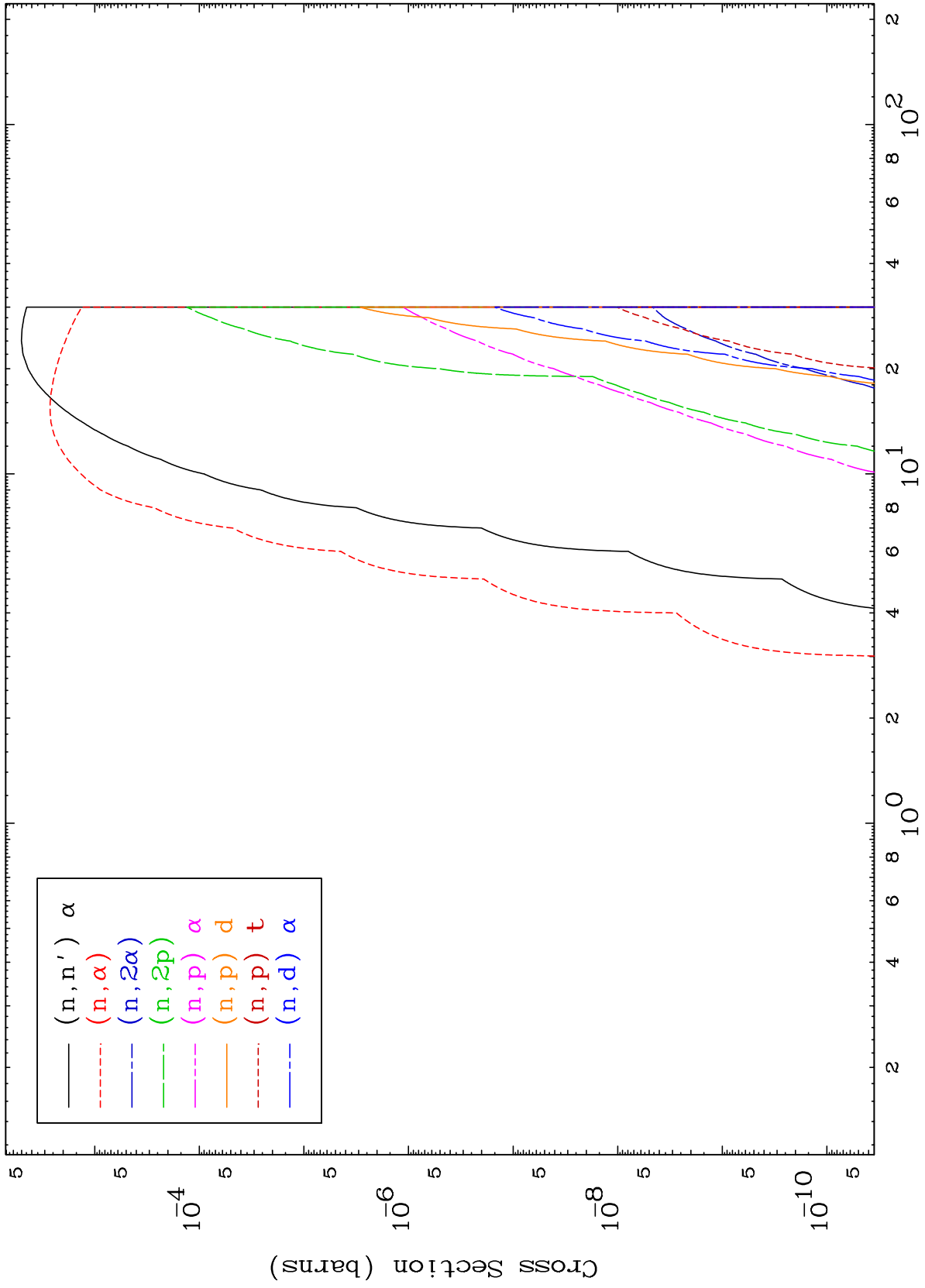
71-Lu-177m



71-Lu-177m





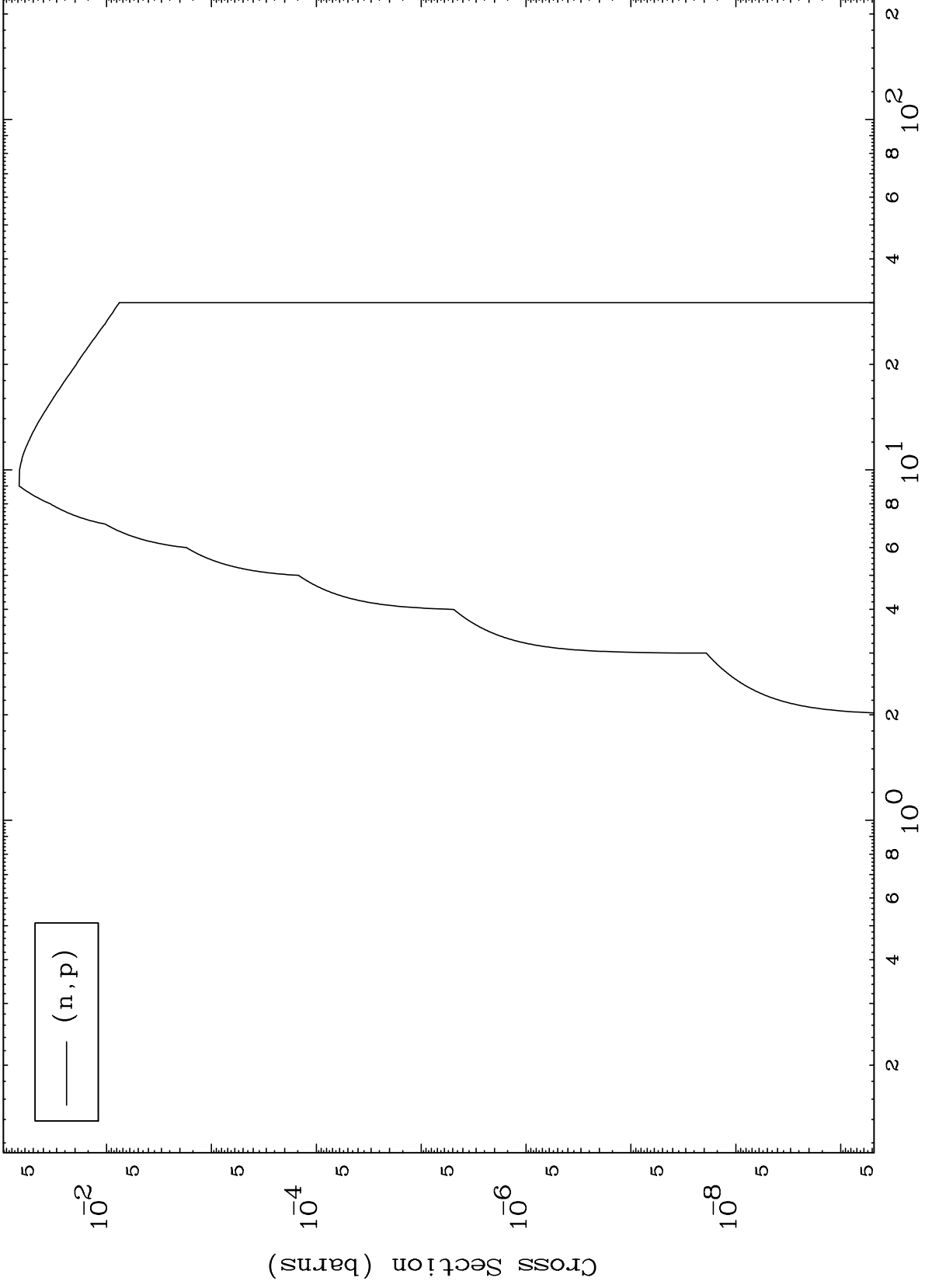


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(d,p) Levels

⁷¹Lu-177m

0 Kelvin Cross Sections

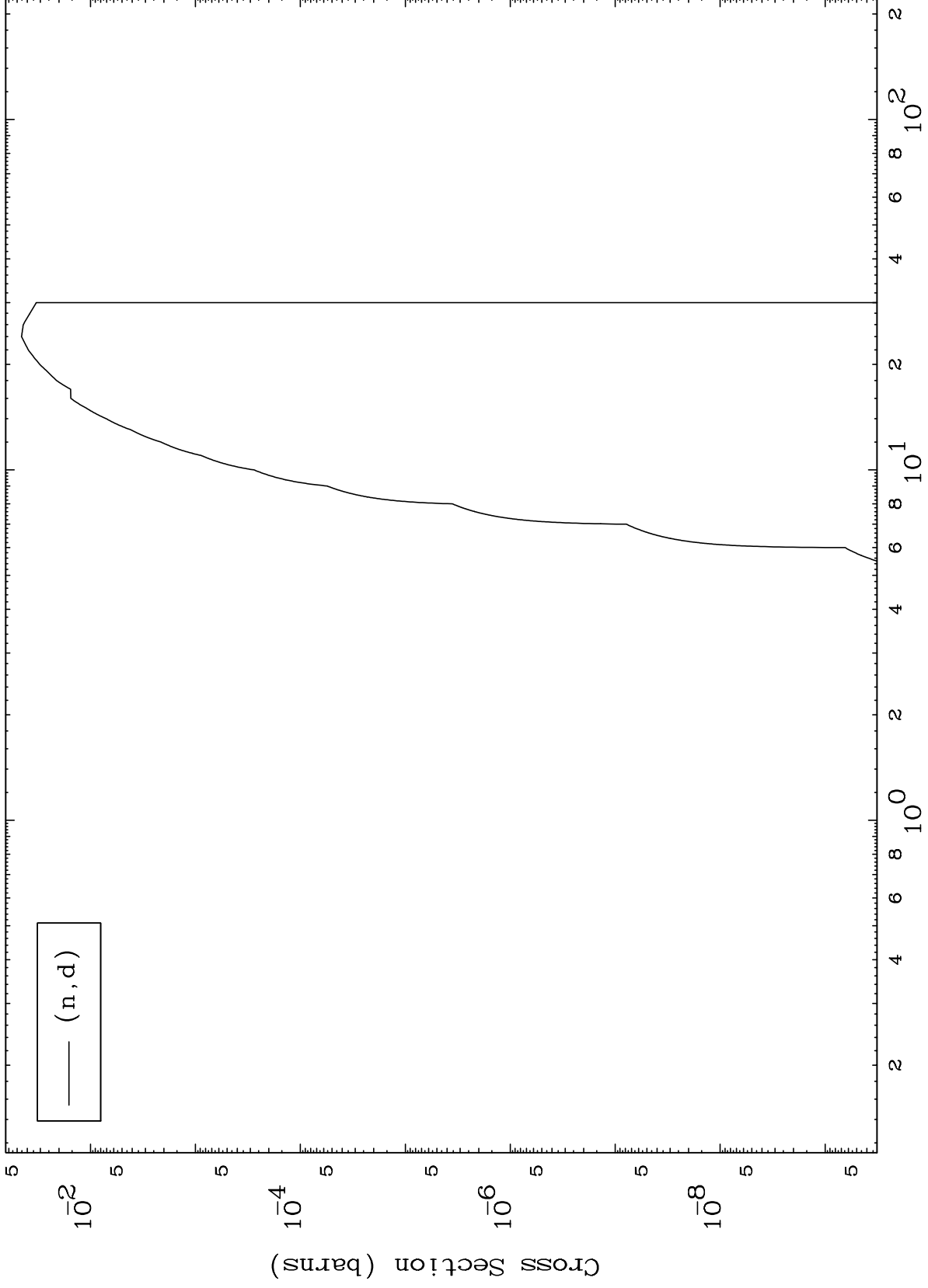


MAT 7132

(d,d) Levels

⁷¹Lu-177m

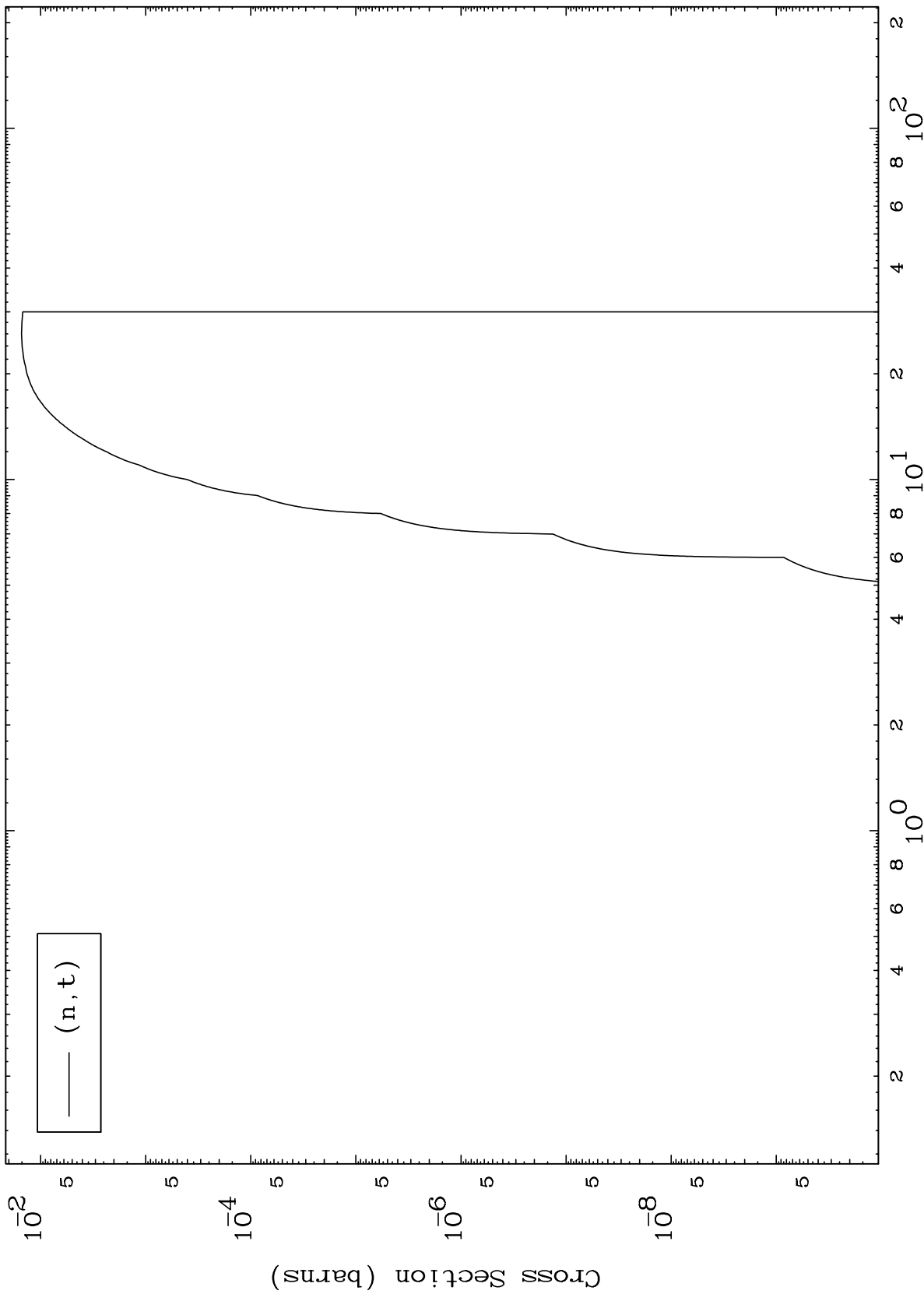
0 Kelvin Cross Sections



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71-Lu-177m

(d, t) Levels
0 Kelvin Cross Sections



71-Lu-177m

Incident Energy (MeV)

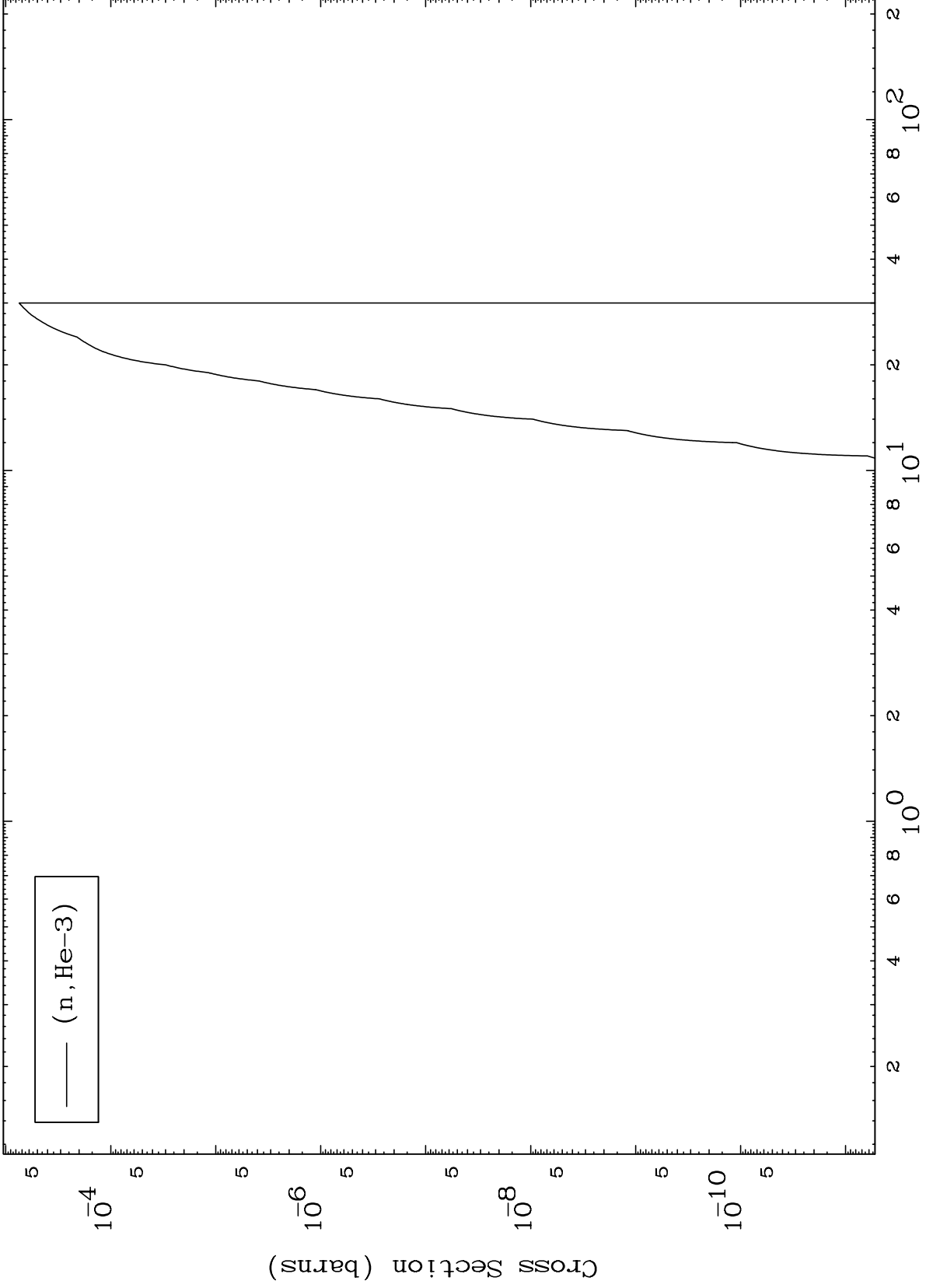
10

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(d,He3) Levels

71-Lu-177m

0 Kelvin Cross Sections

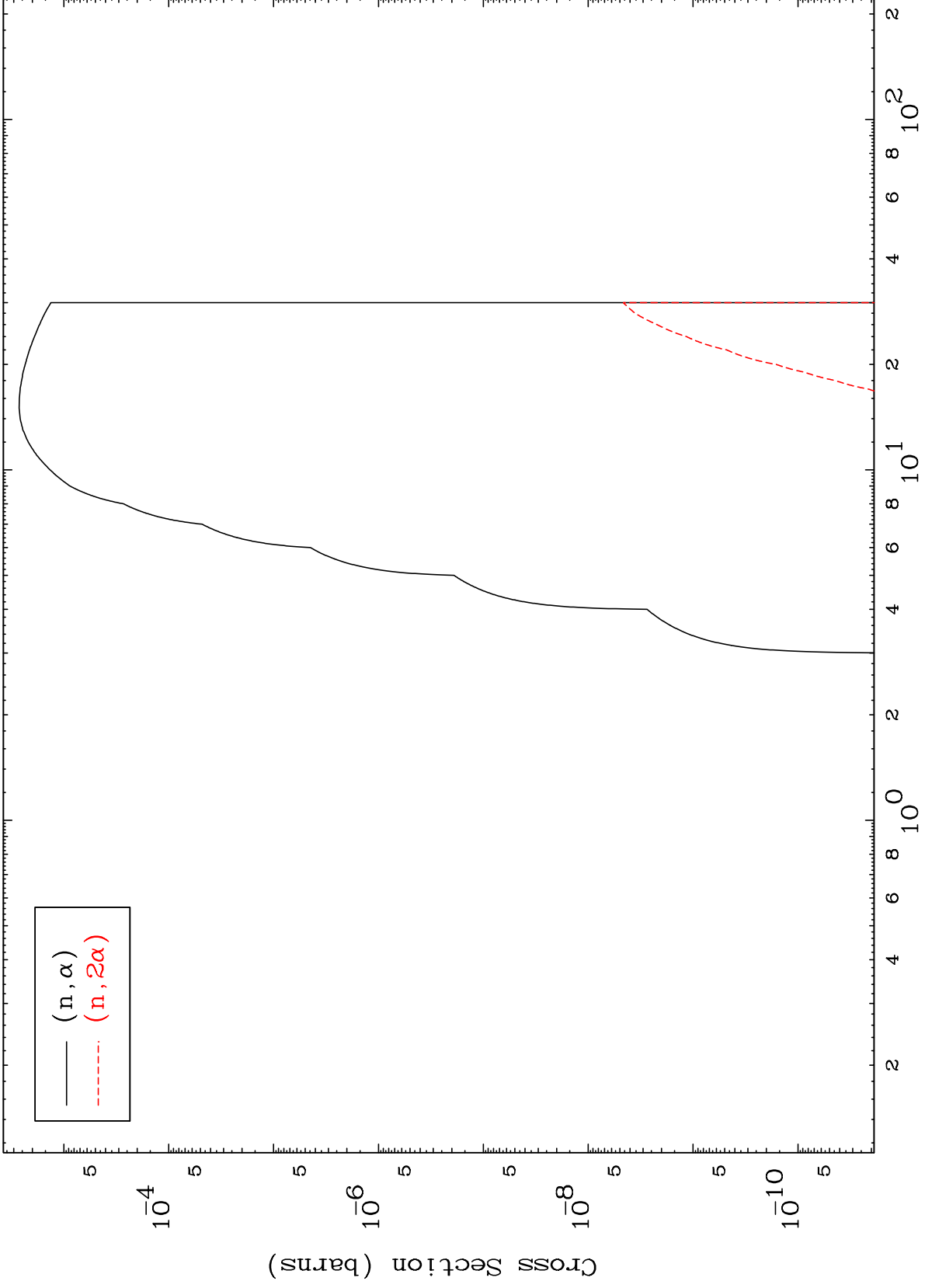


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(d, α) Levels

⁷¹Lu-177m

0 Kelvin Cross Sections



12

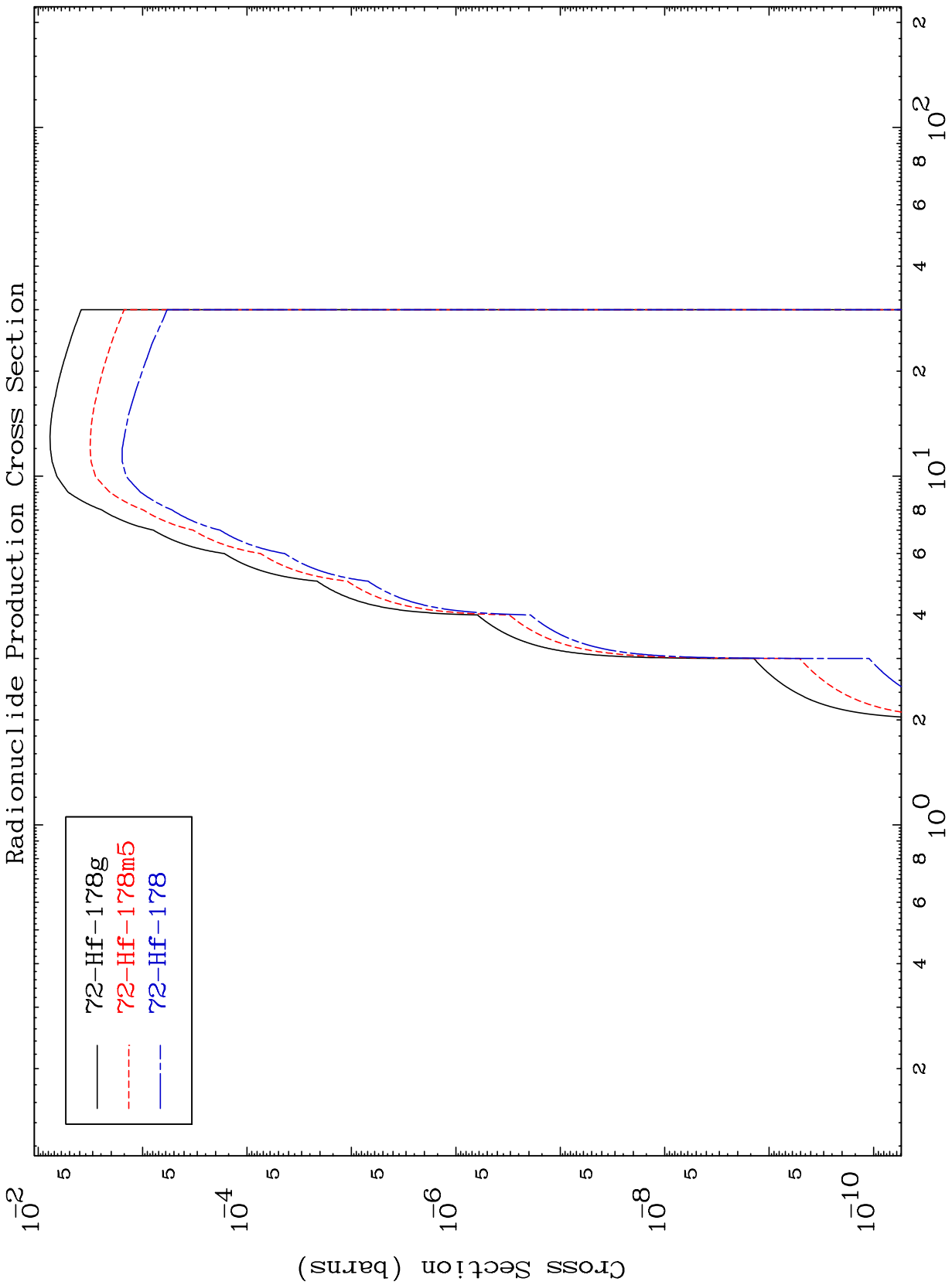
Incident Energy (MeV)

⁷¹Lu-177m

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71-Lu-177m

Inelastic
Radionuclide Production Cross Section



71-Lu-177m

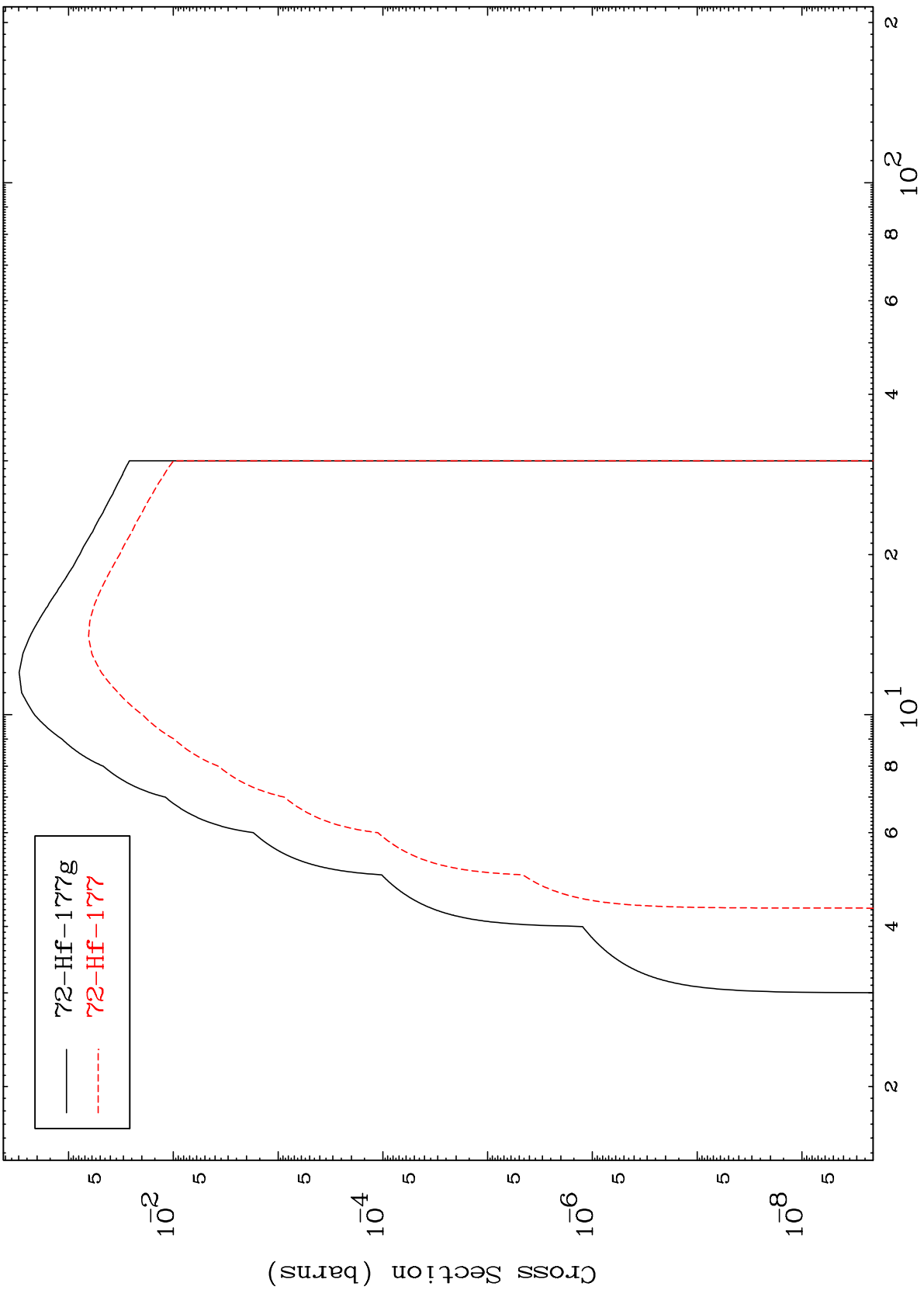
Incident Energy (MeV)

13

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⁷¹Lu-177m

Radionuclide Production Cross Section (n,2n)



— ⁷²Hf-177g
- - - ⁷²Hf-177

14

Incident Energy (MeV)

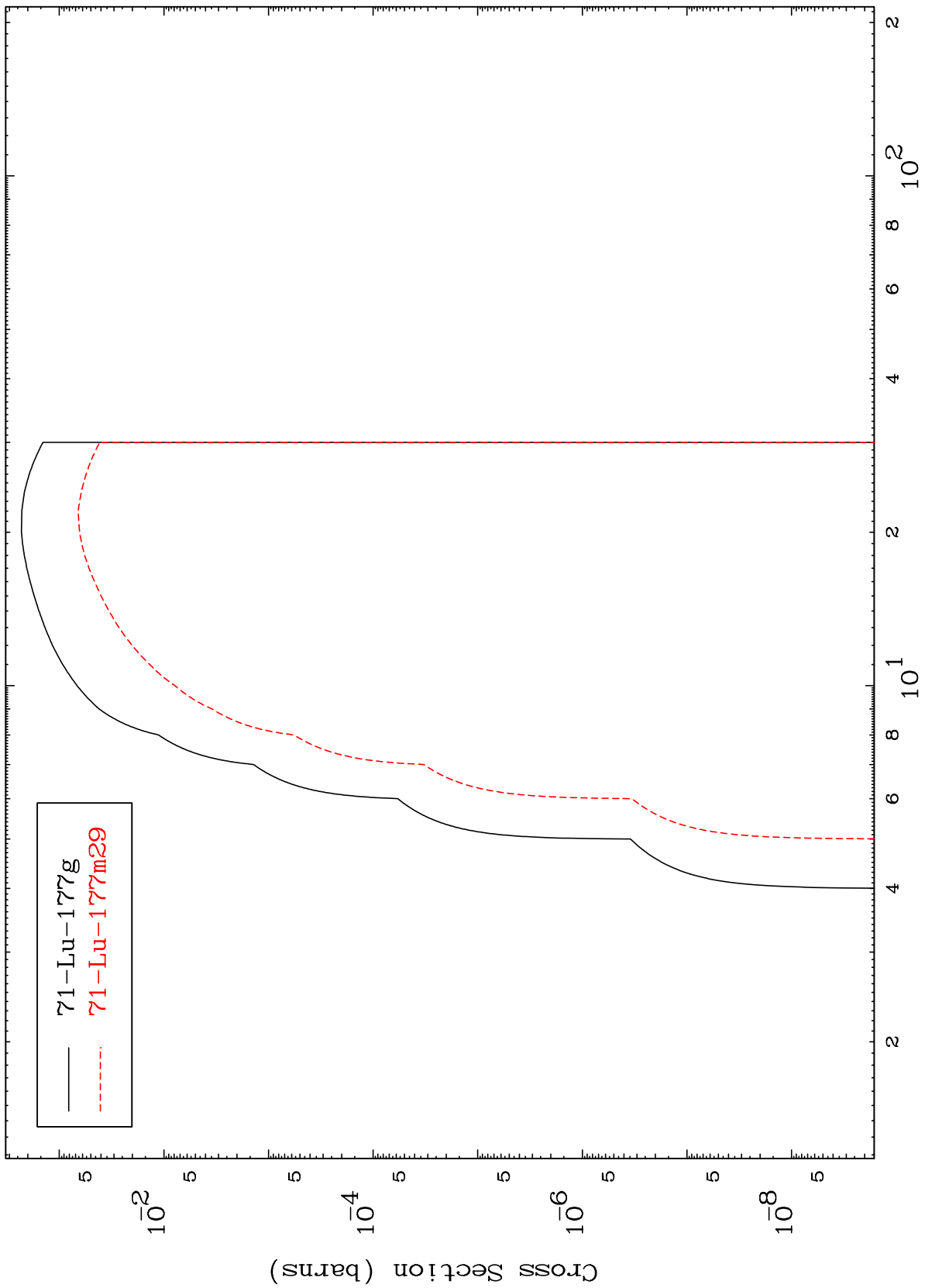
⁷¹Lu-177m

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(n,n') p

⁷¹Lu-177m

Radionuclide Production Cross Section

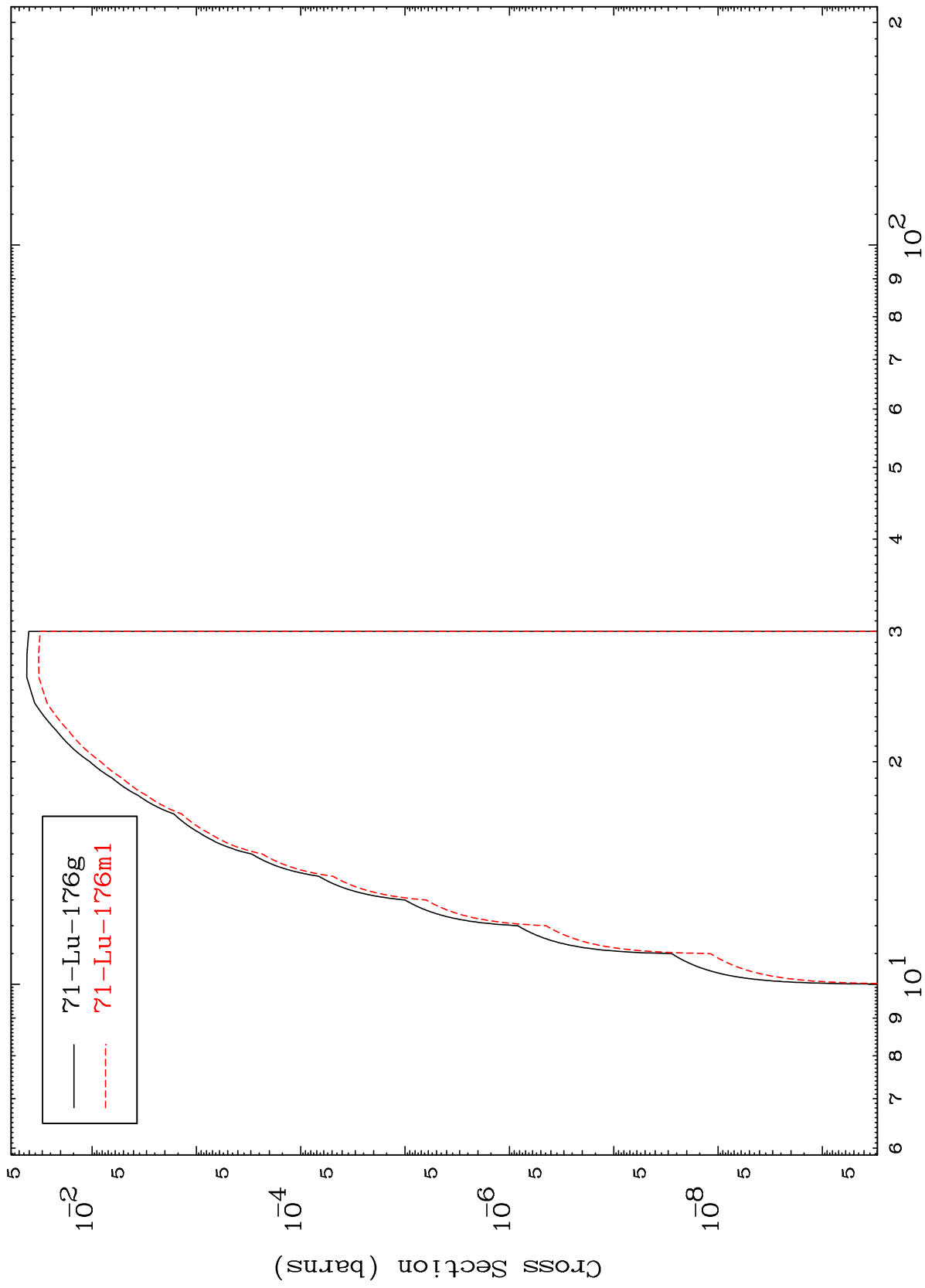


— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

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⁷¹Lu-177m

Radionuclide Production Cross Section (n,n') d



16

Incident Energy (MeV)

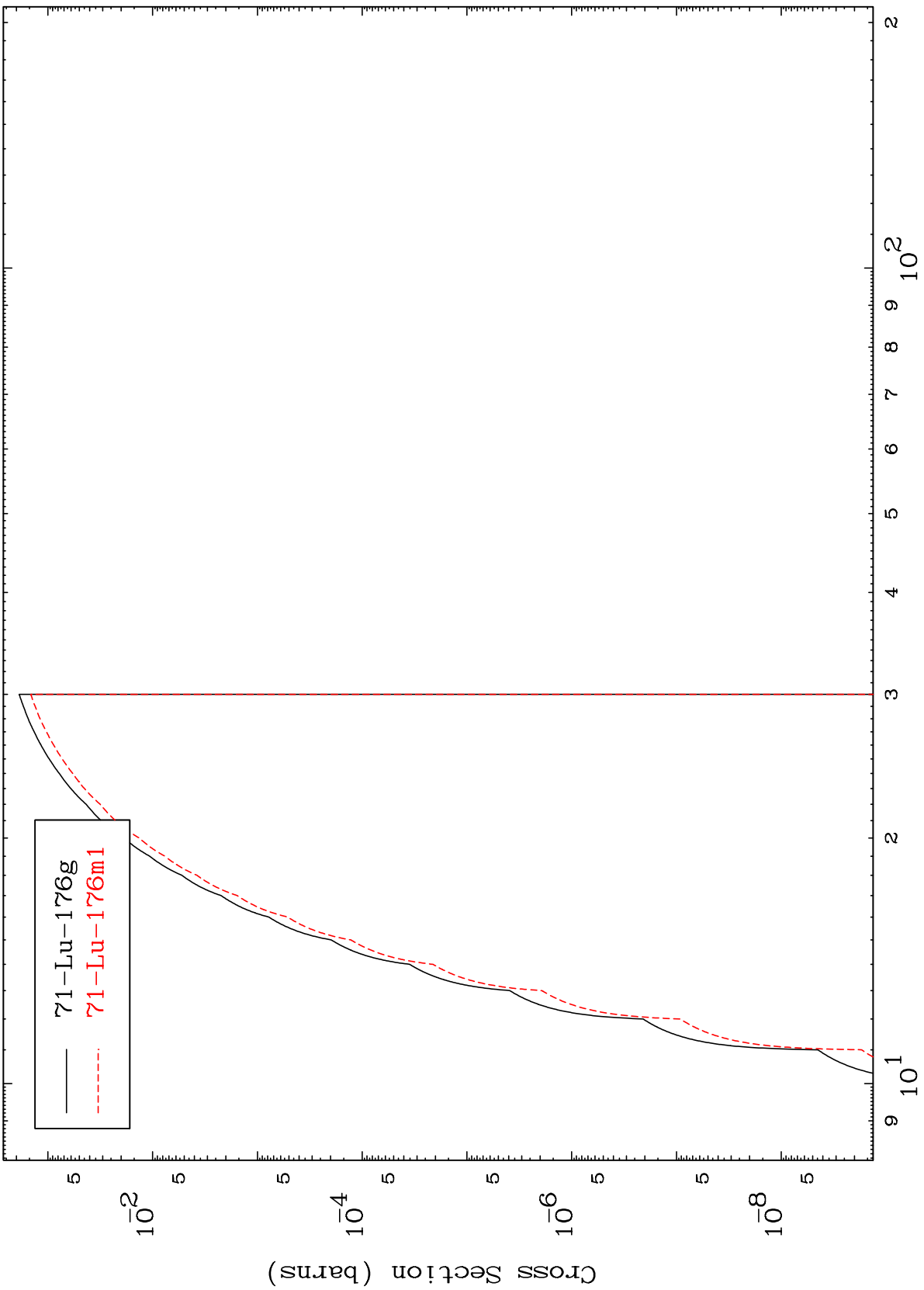
⁷¹Lu-177m

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(n,2n) p

⁷¹Lu-177m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

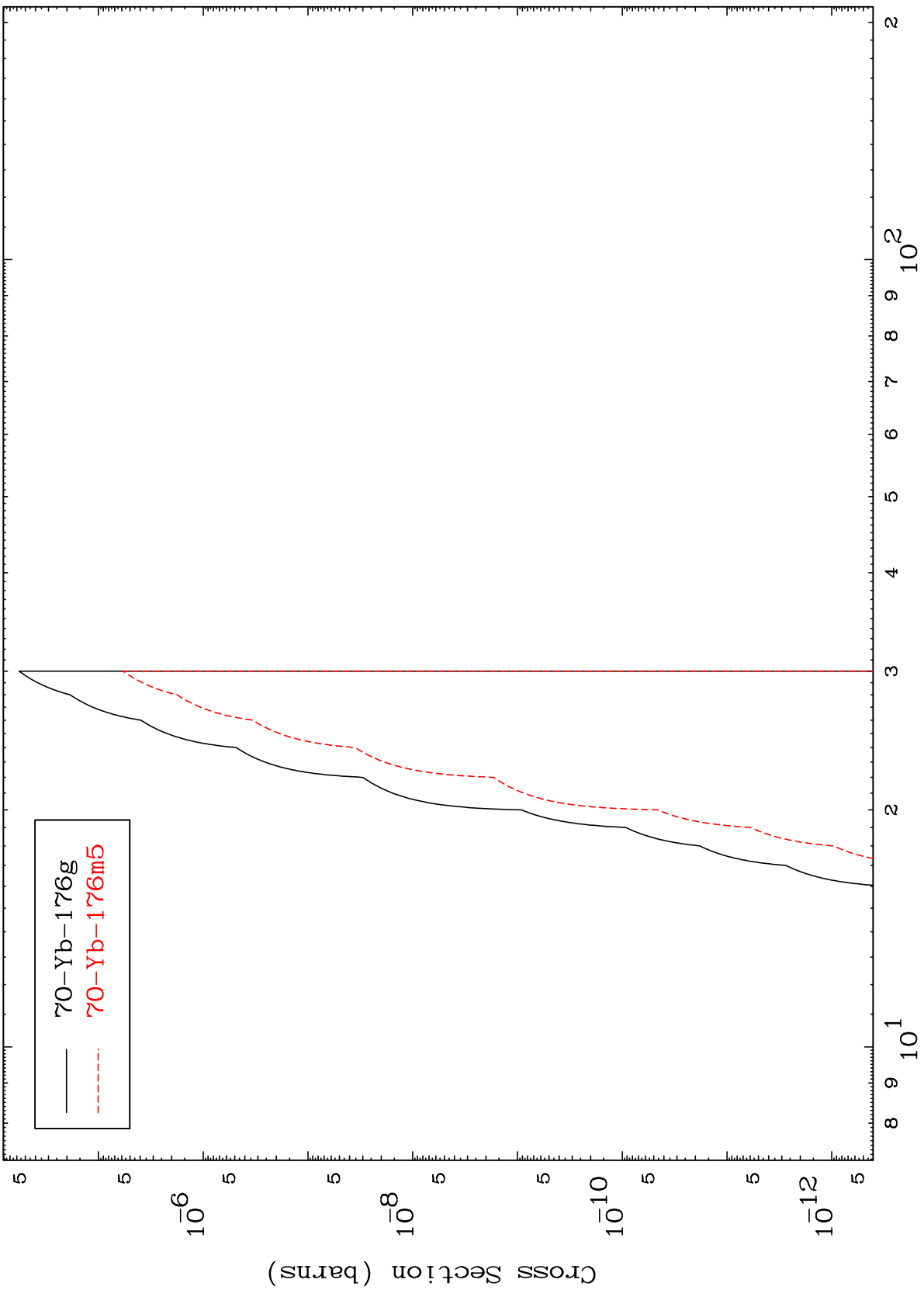
⁷¹Lu-177m

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(n,2n) p

⁷¹Lu-177m

Radionuclide Production Cross Section



— ⁷⁰Yb-176g
- - - ⁷⁰Yb-176m5

18

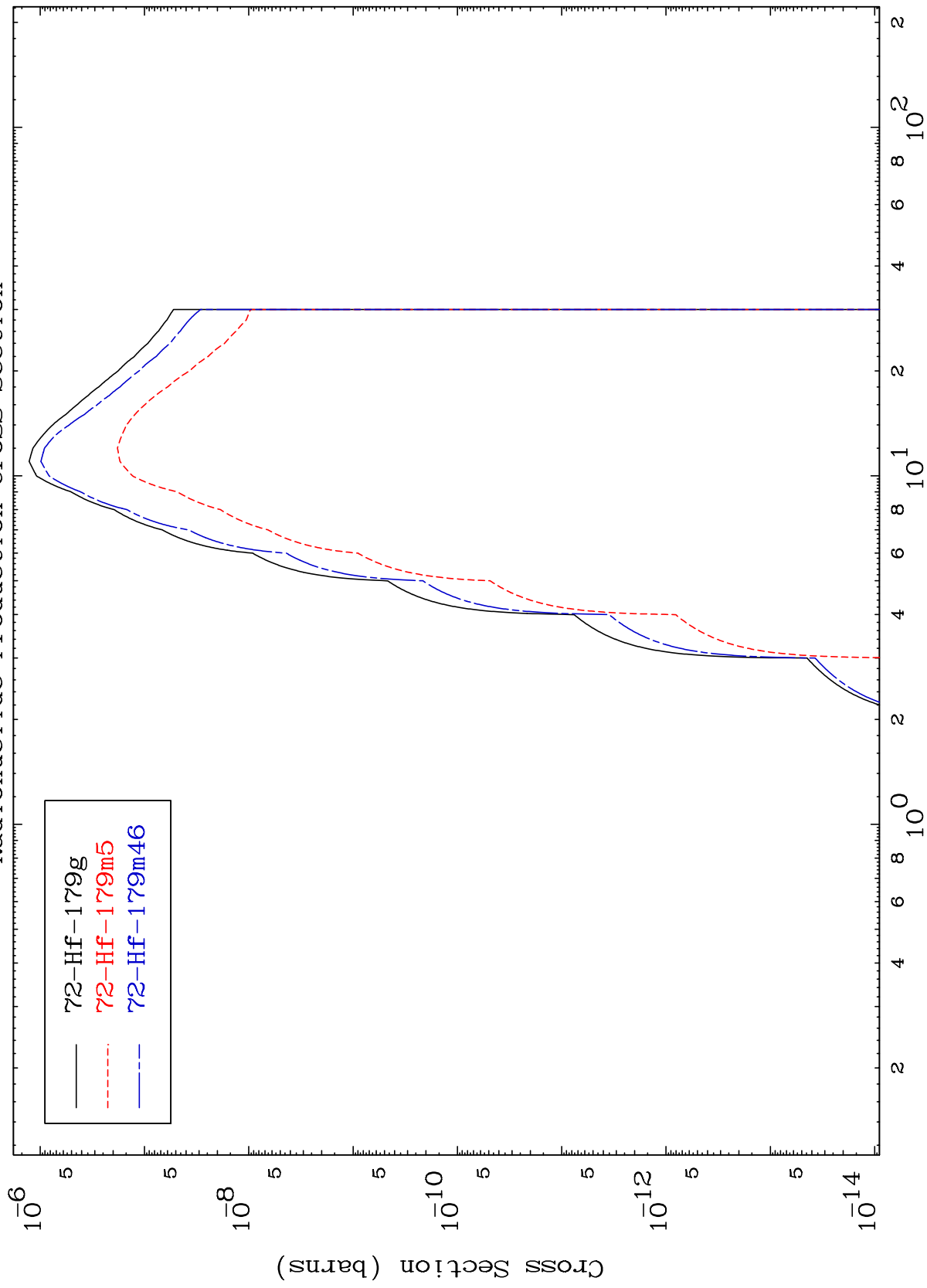
Incident Energy (MeV)

⁷¹Lu-177m

MAT 7132

71-Lu-177m

Radionuclide Production Cross Section

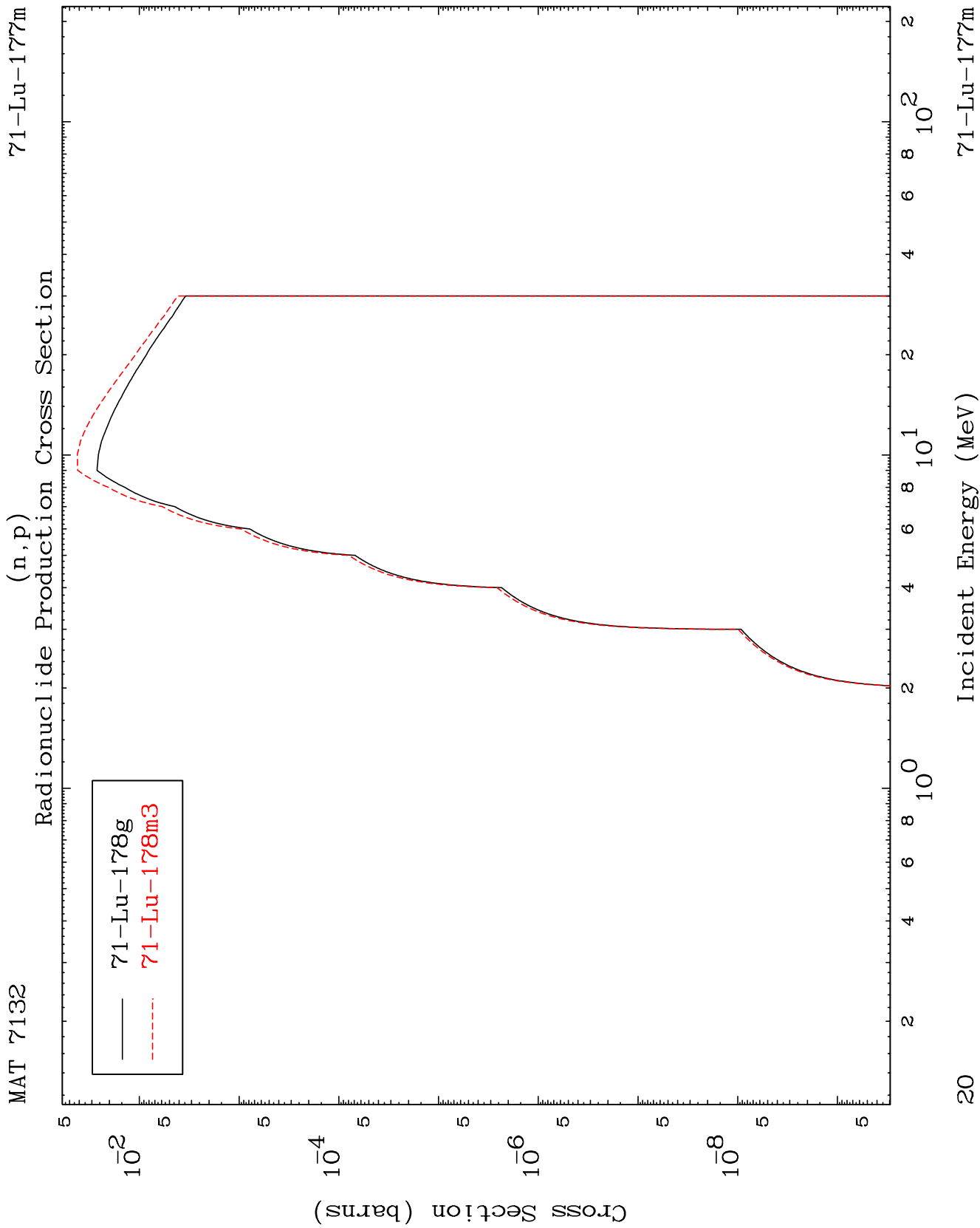


19

Incident Energy (MeV)

71-Lu-177m

MAT 7132

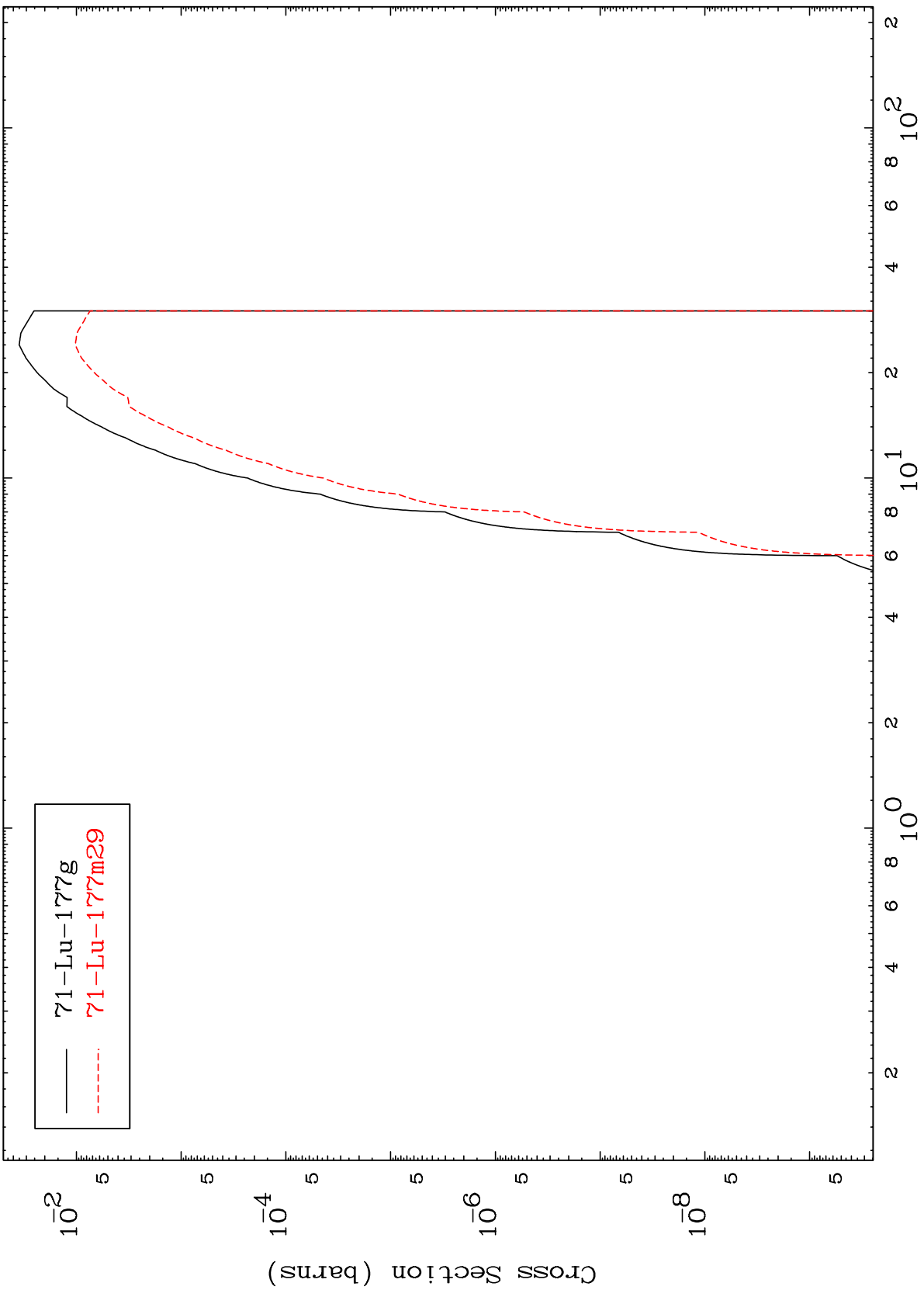


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(n, d)

⁷¹Lu-177m

Radionuclide Production Cross Section

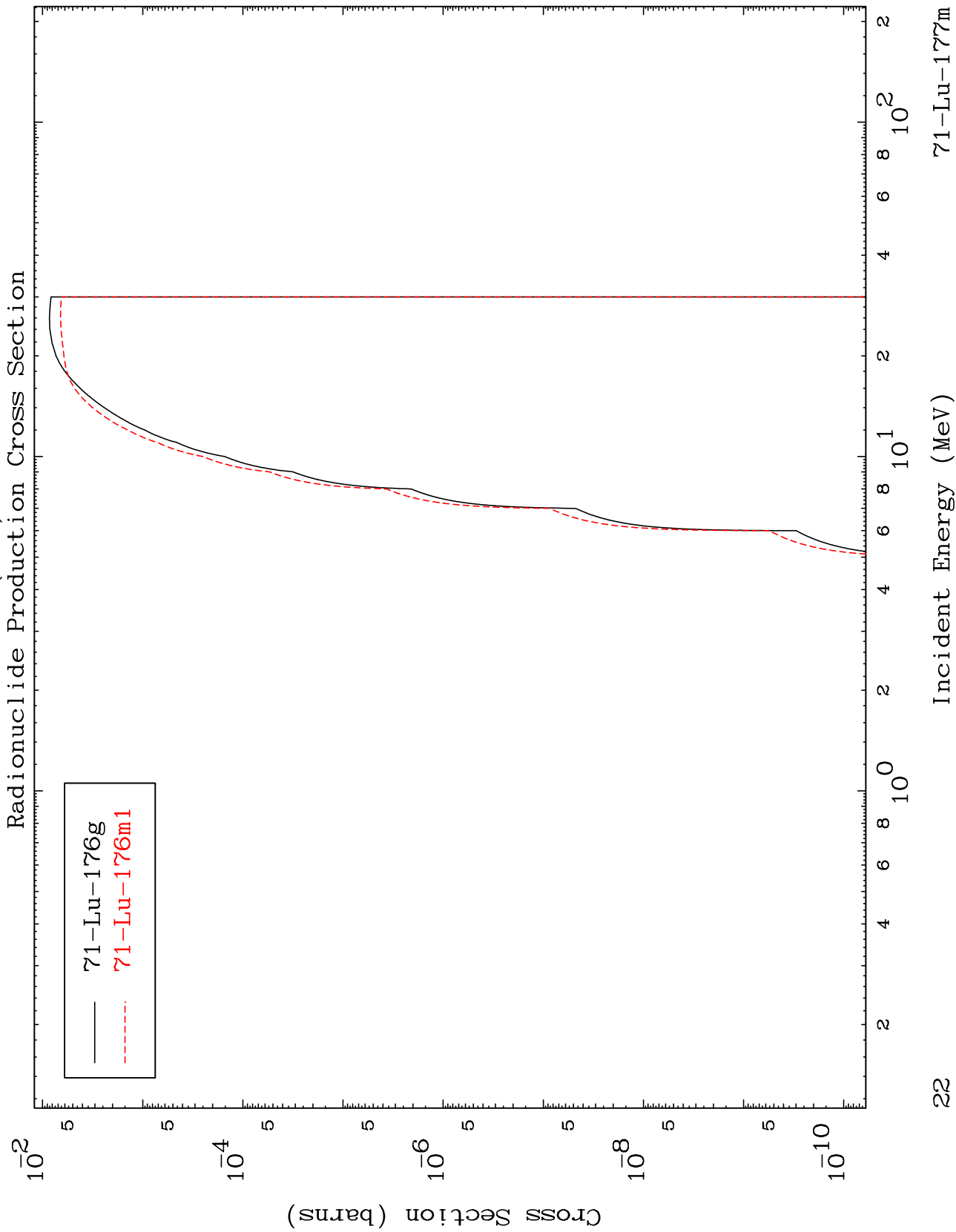


— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

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(n, t)

⁷¹Lu-177m

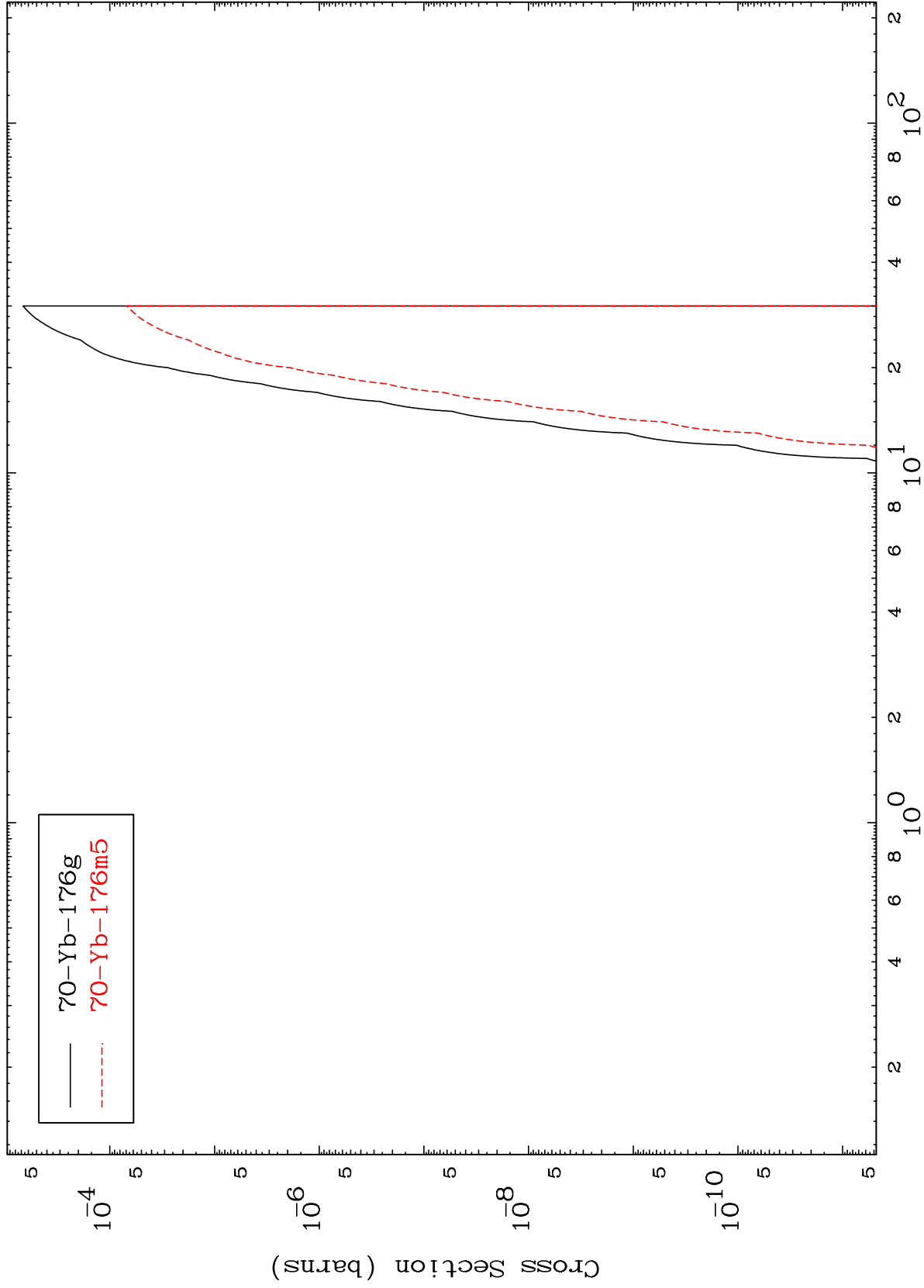


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(n,He-3)

71-Lu-177m

Radionuclide Production Cross Section

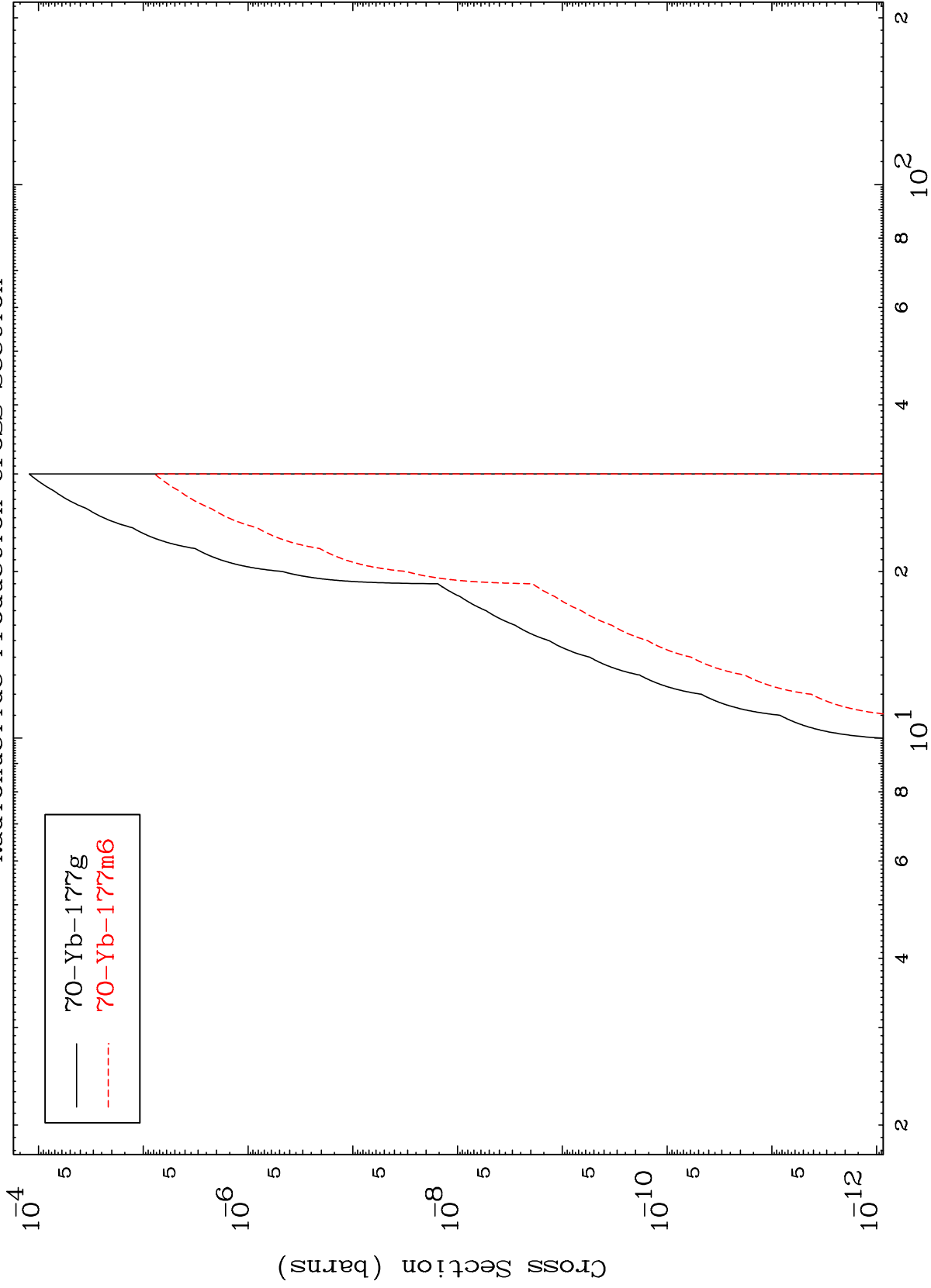


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(n,2p)

⁷¹Lu-177m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

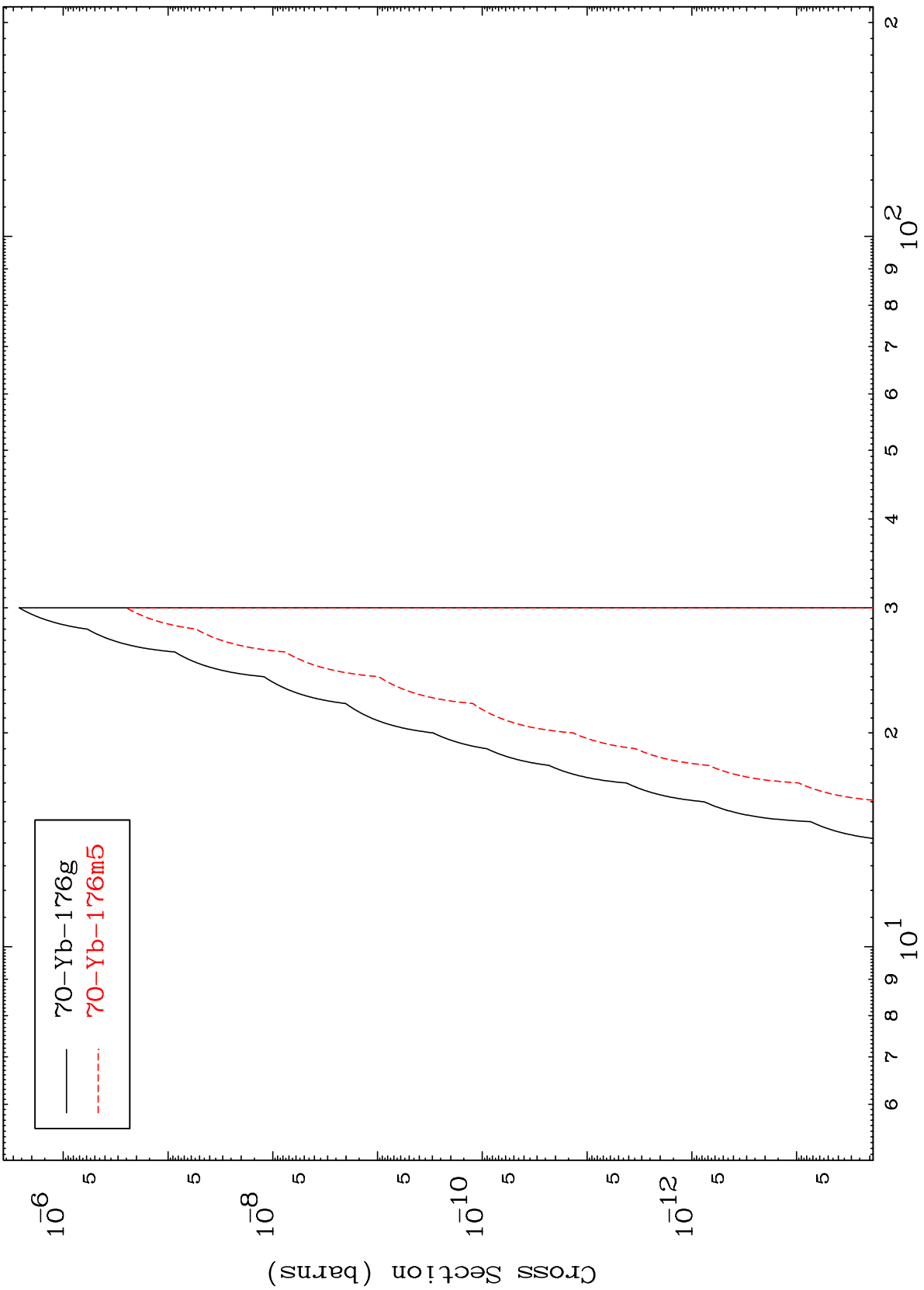
⁷¹Lu-177m

MAT 7132

(n,p) d

⁷¹Lu-177m

Radionuclide Production Cross Section



— 70-Yb-176g
- - - 70-Yb-176m5

25

Incident Energy (MeV)

⁷¹Lu-177m