

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

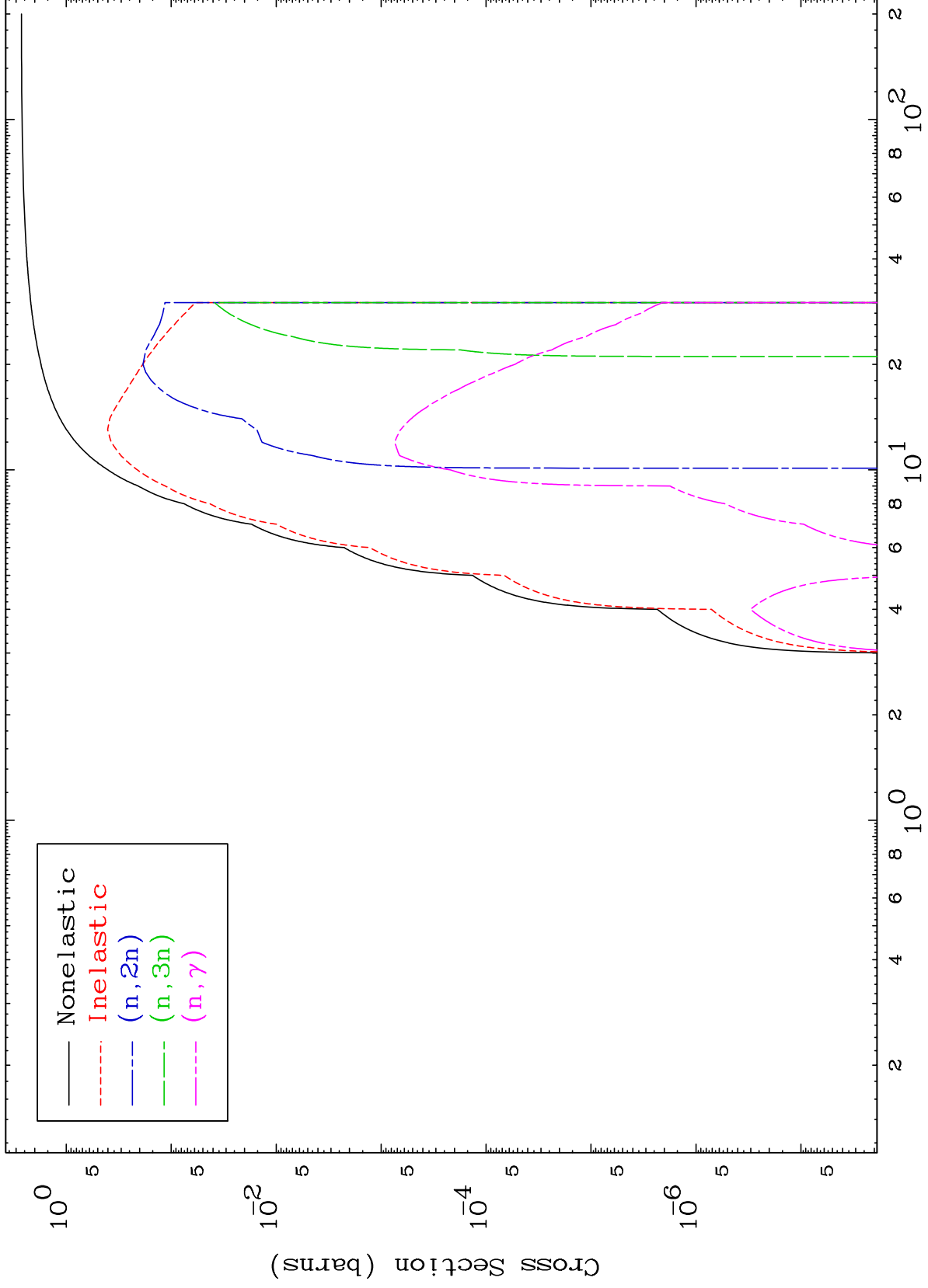
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

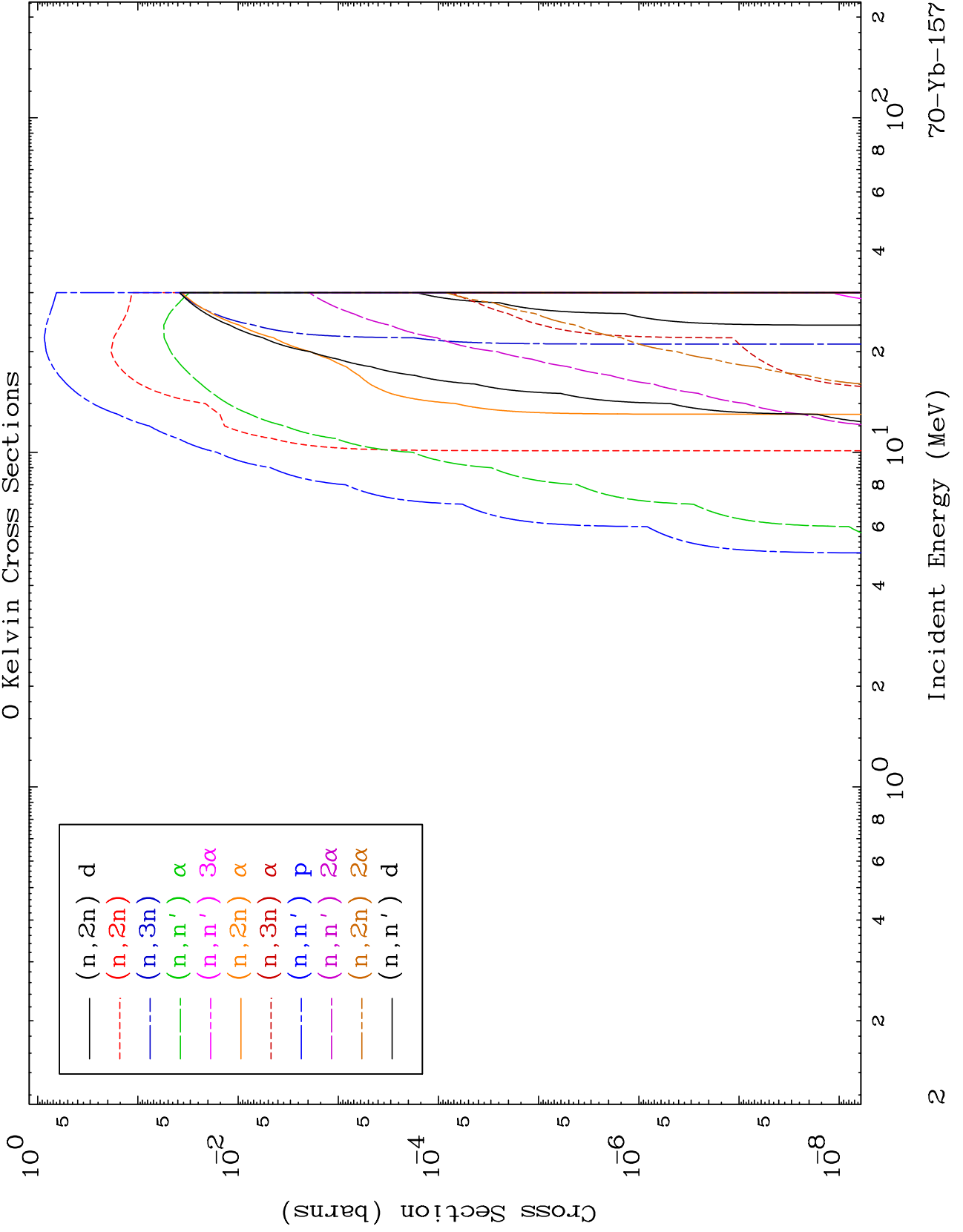
Press Mouse Button to Start

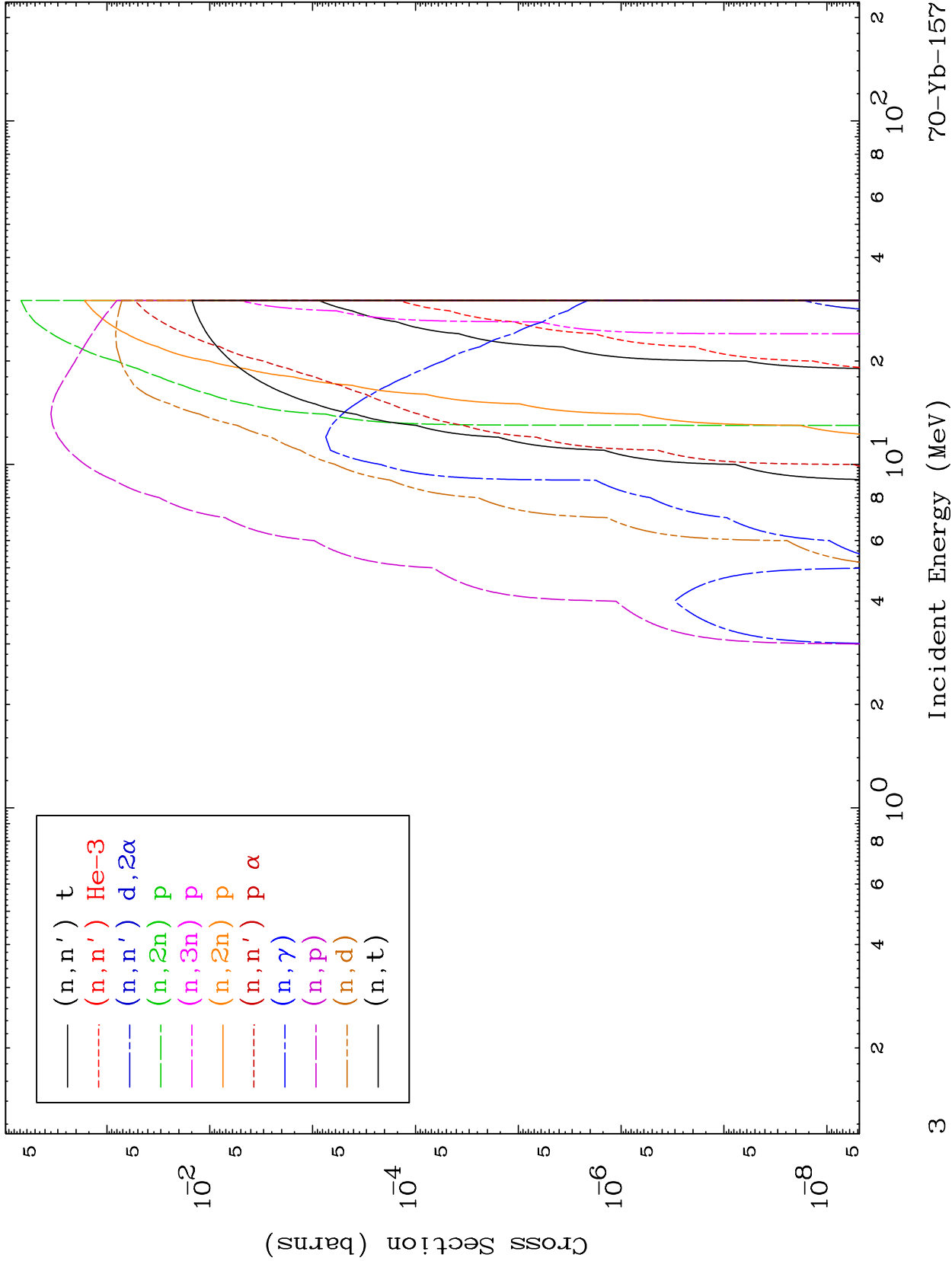


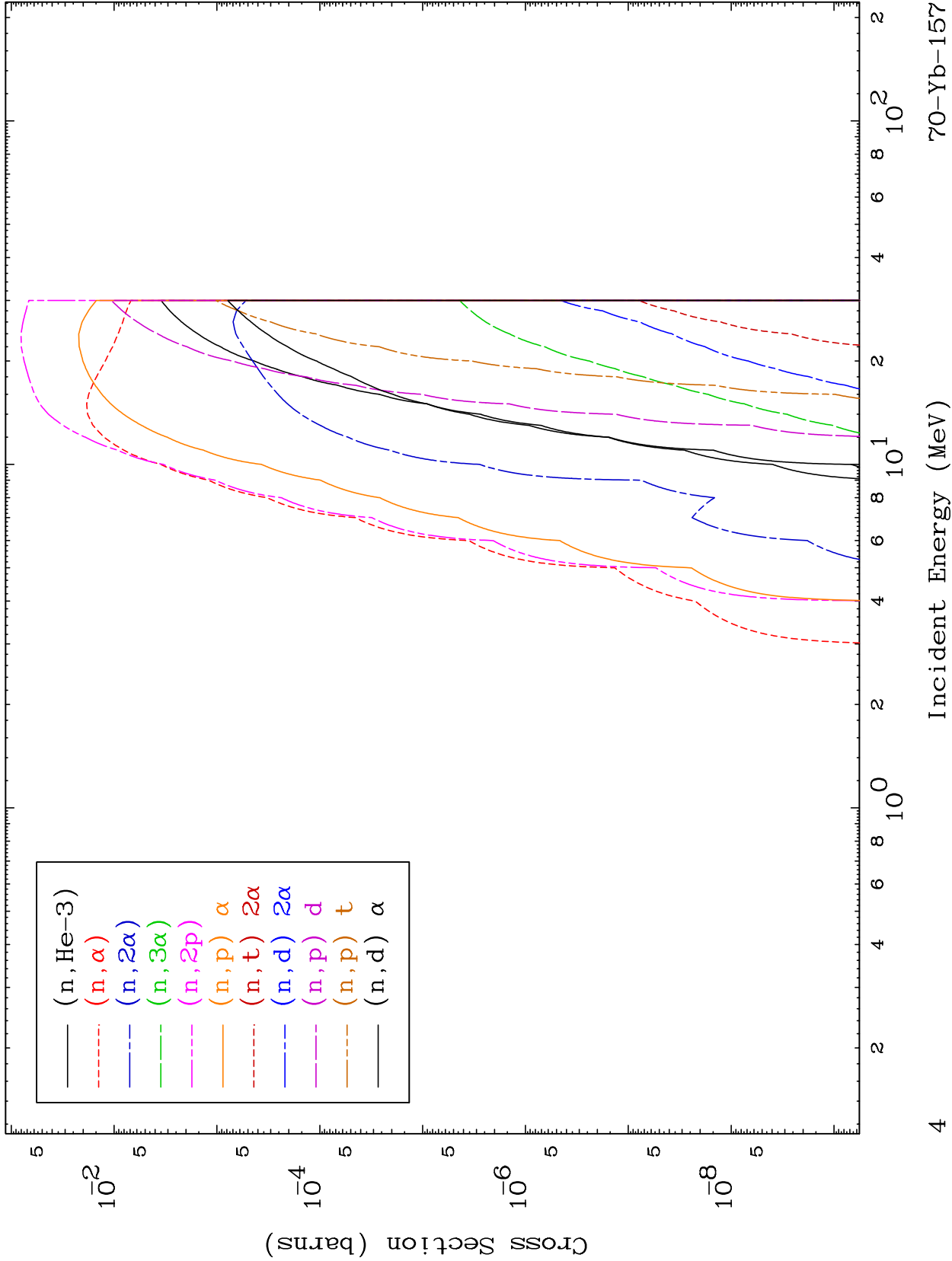
MAT 6992

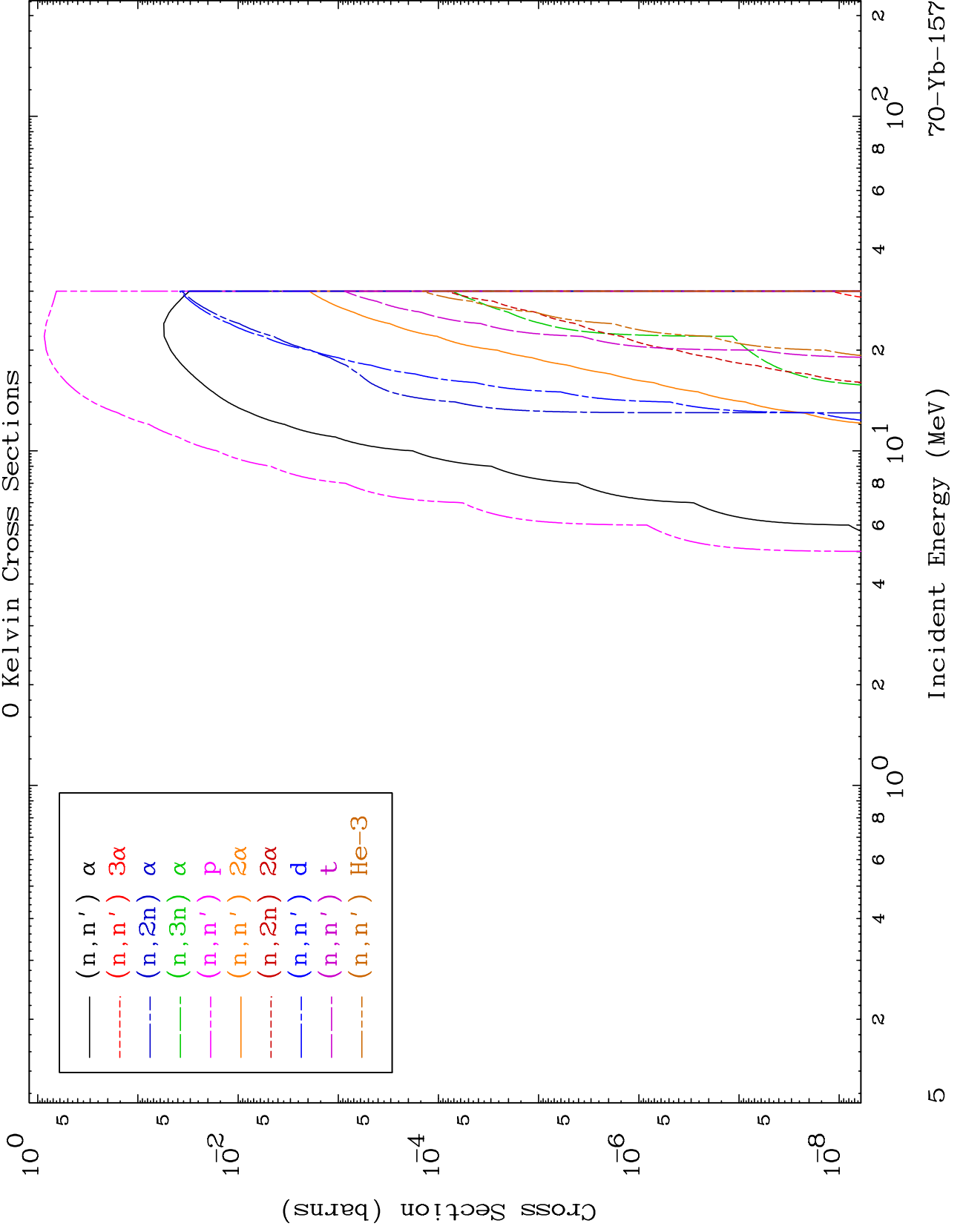
Deuteron Neutron Absorption
0 Kelvin Cross Sections

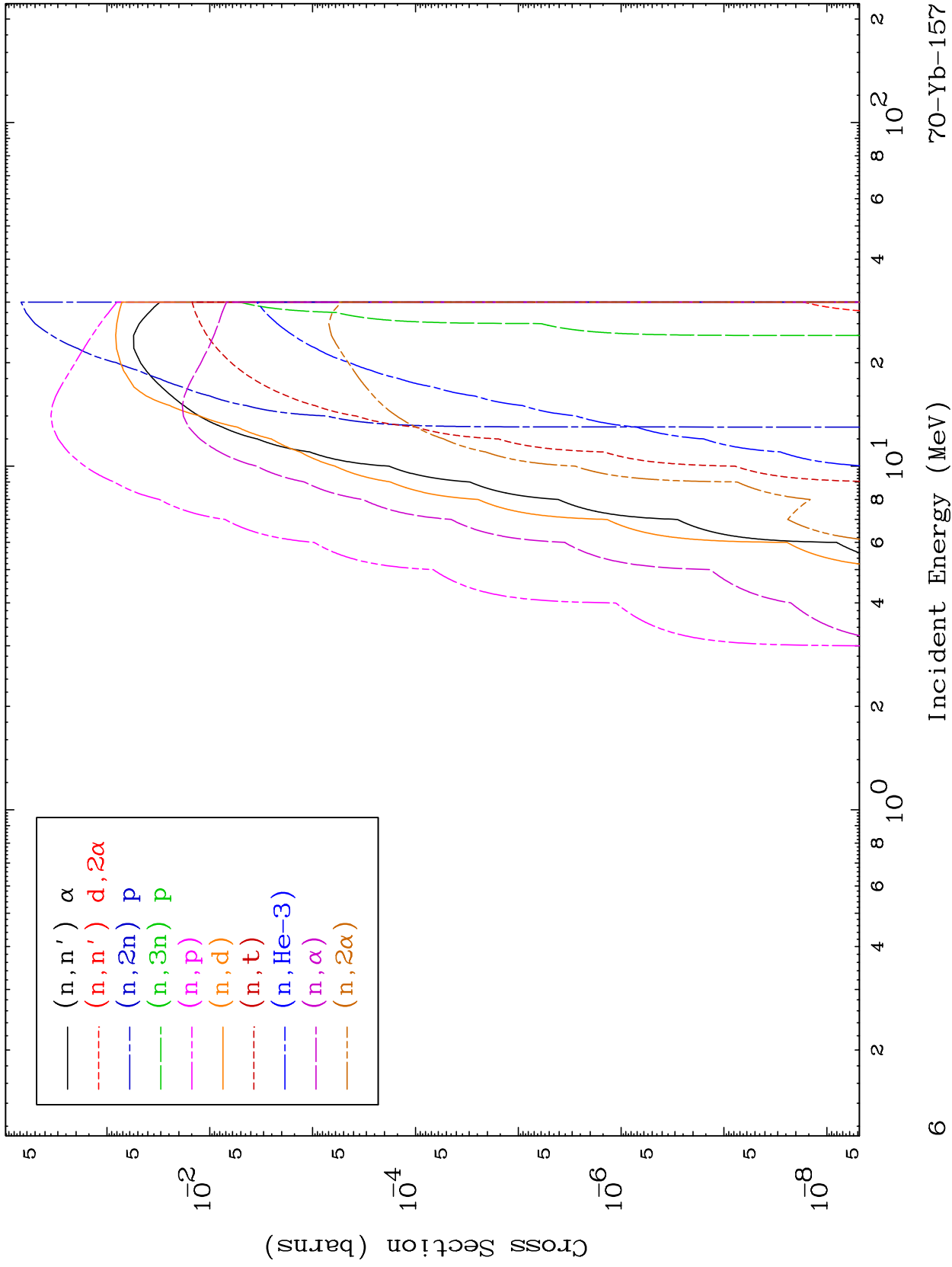
70-Yb-157

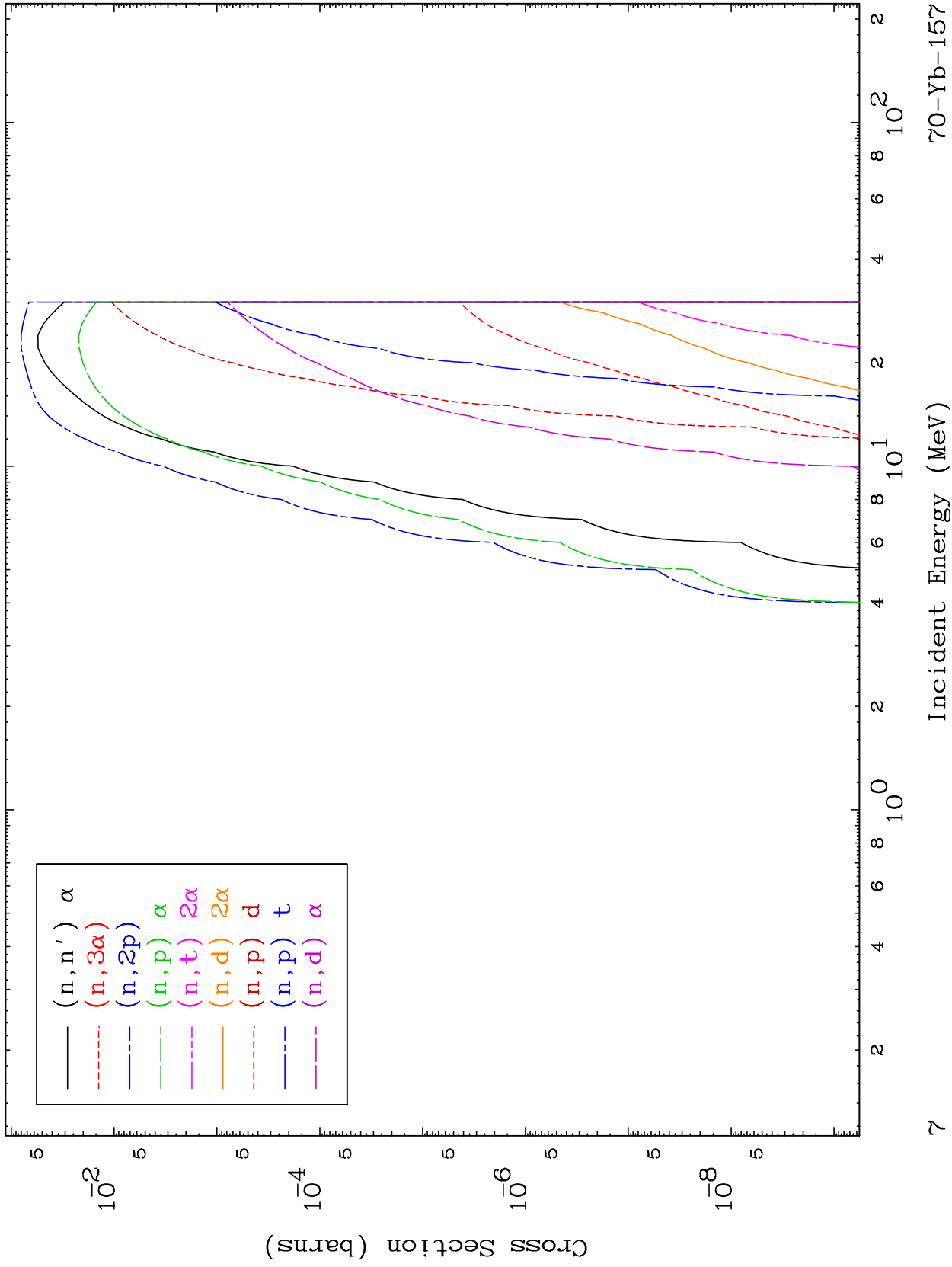










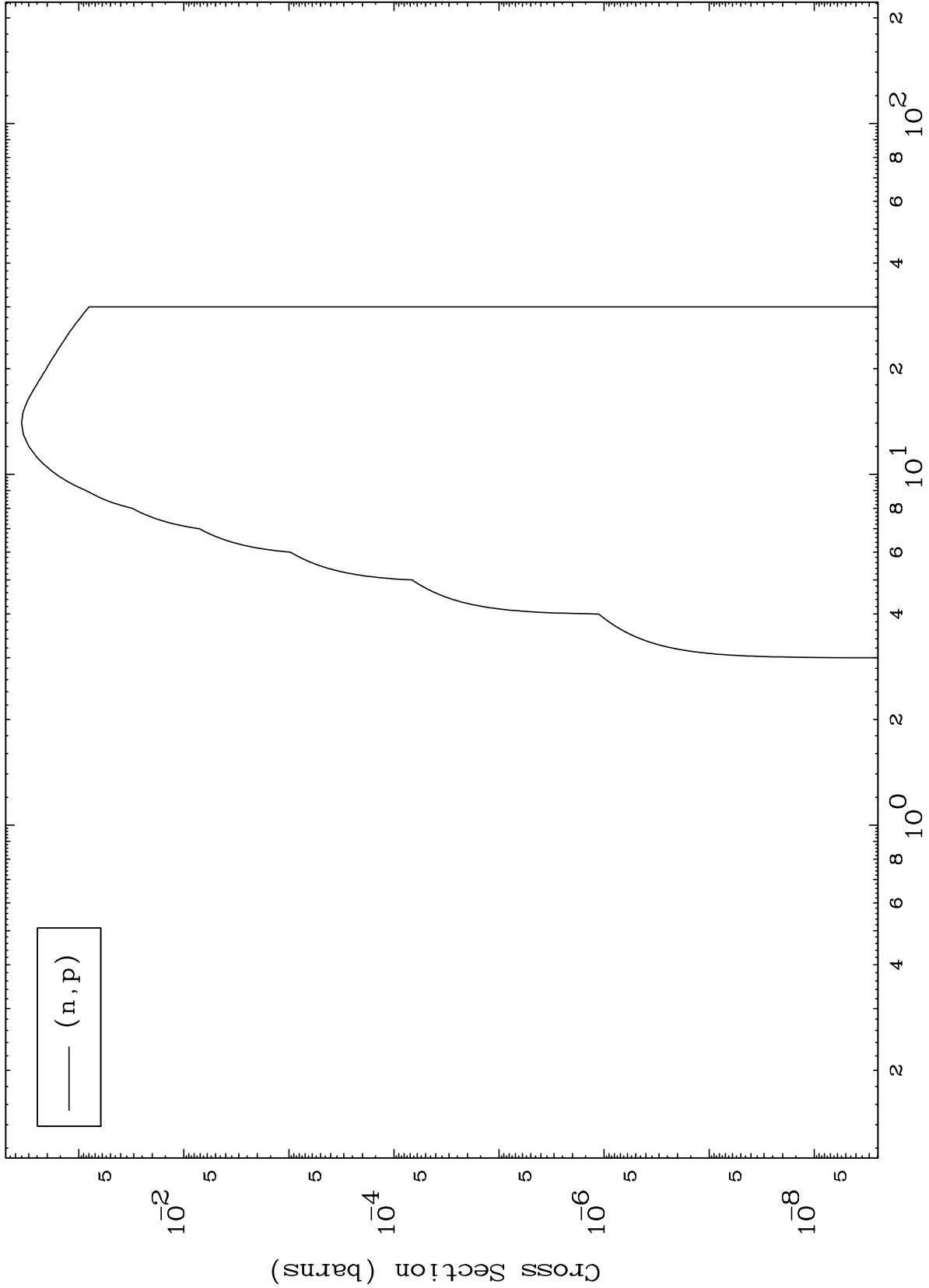


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(d,p) Levels

70-Yb-157

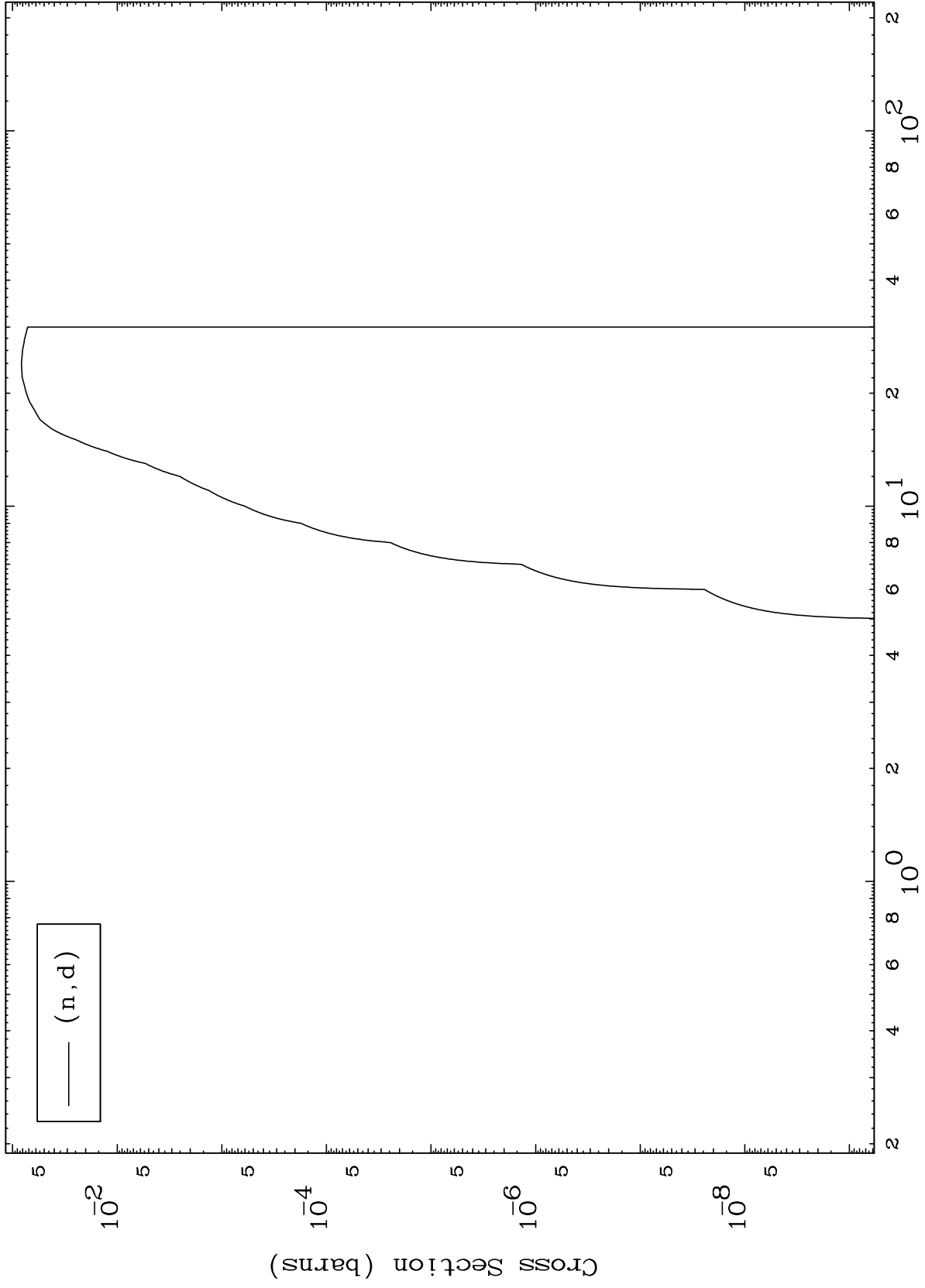
0 Kelvin Cross Sections



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(d,d) Levels
0 Kelvin Cross Sections

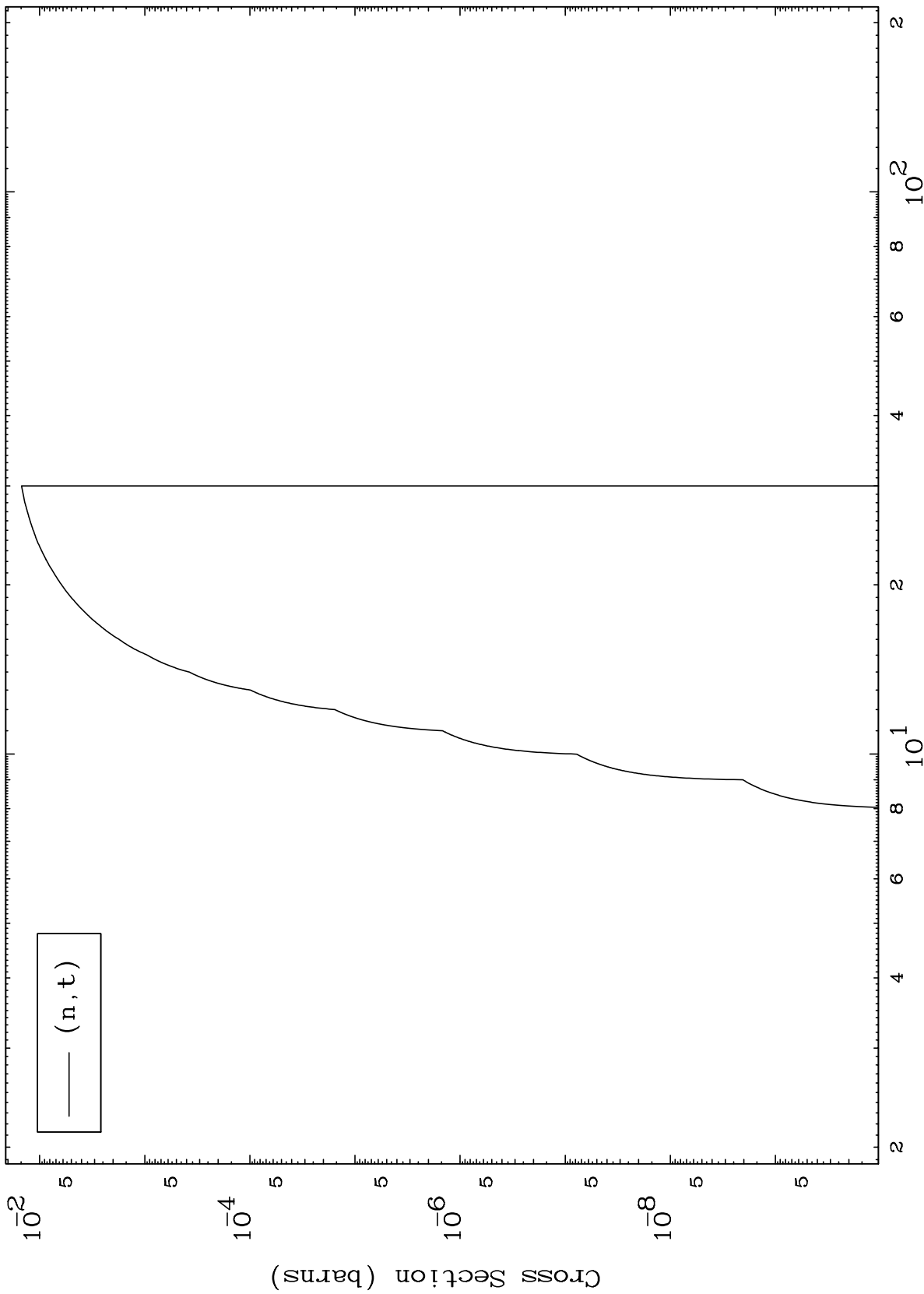
70-Yb-157



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70-Yb-157

(d,t) Levels
0 Kelvin Cross Sections



70-Yb-157

Incident Energy (MeV)

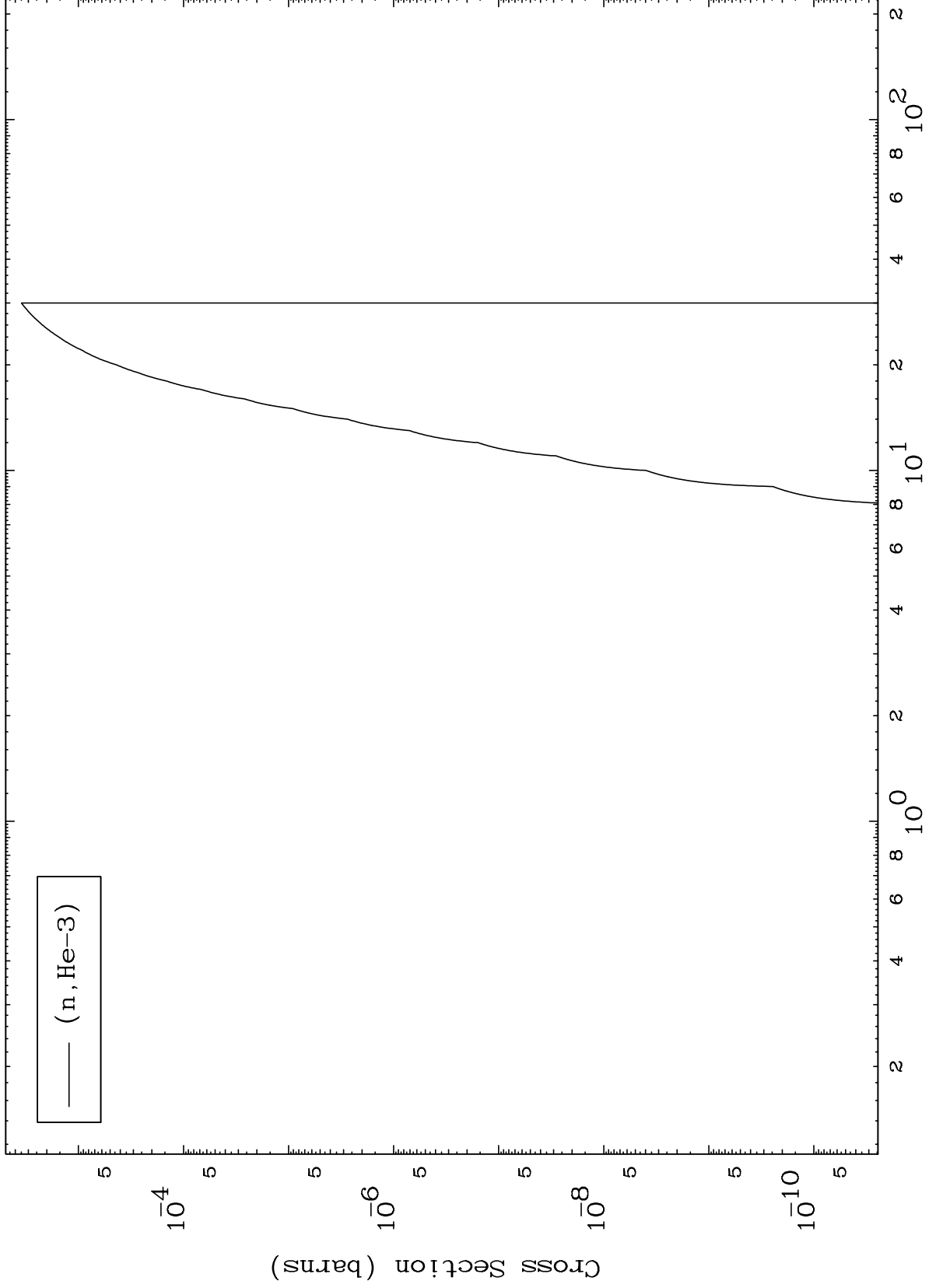
10

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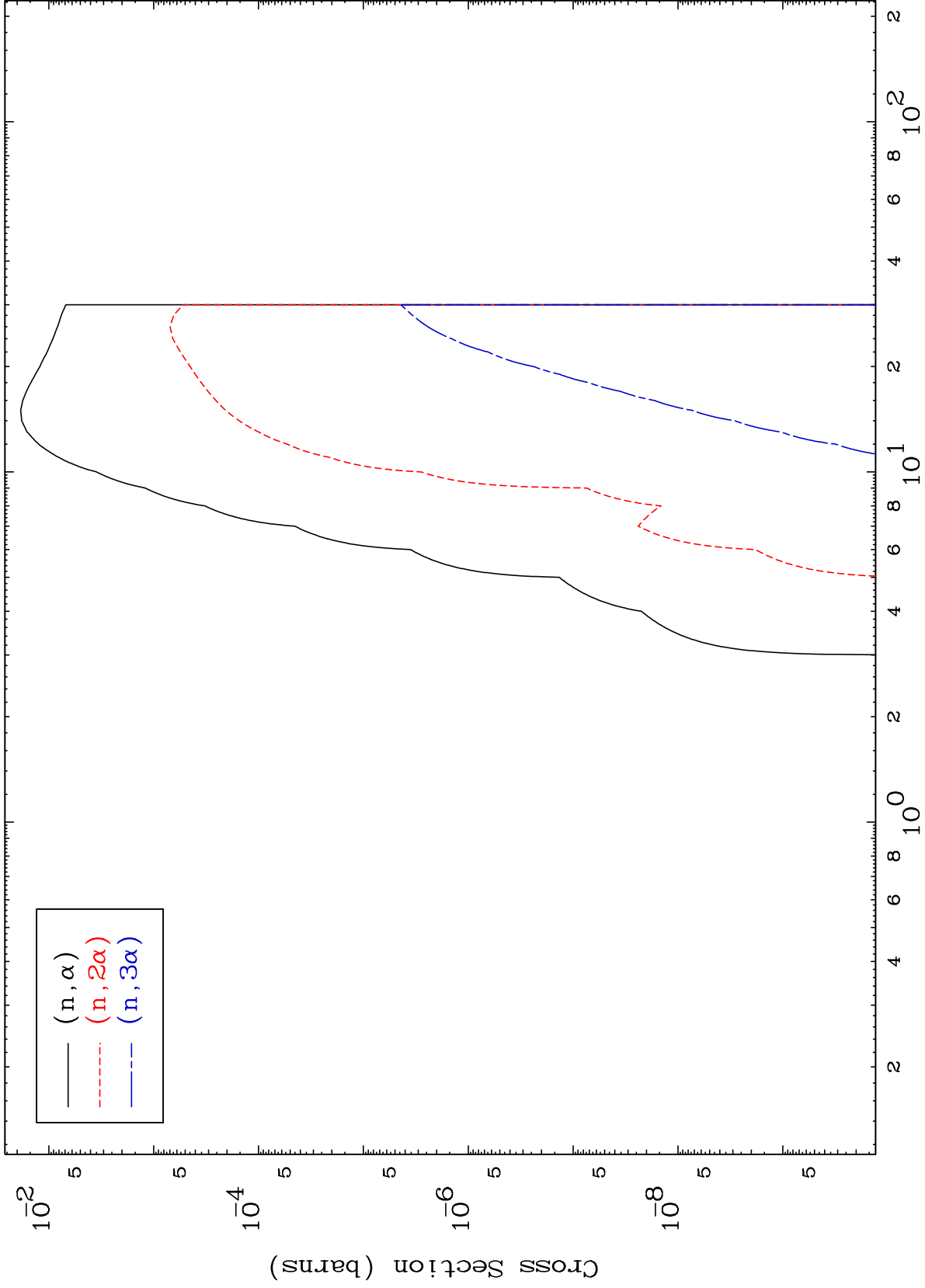
(d,He3) Levels

70-Yb-157

0 Kelvin Cross Sections



0 Kelvin Cross Sections

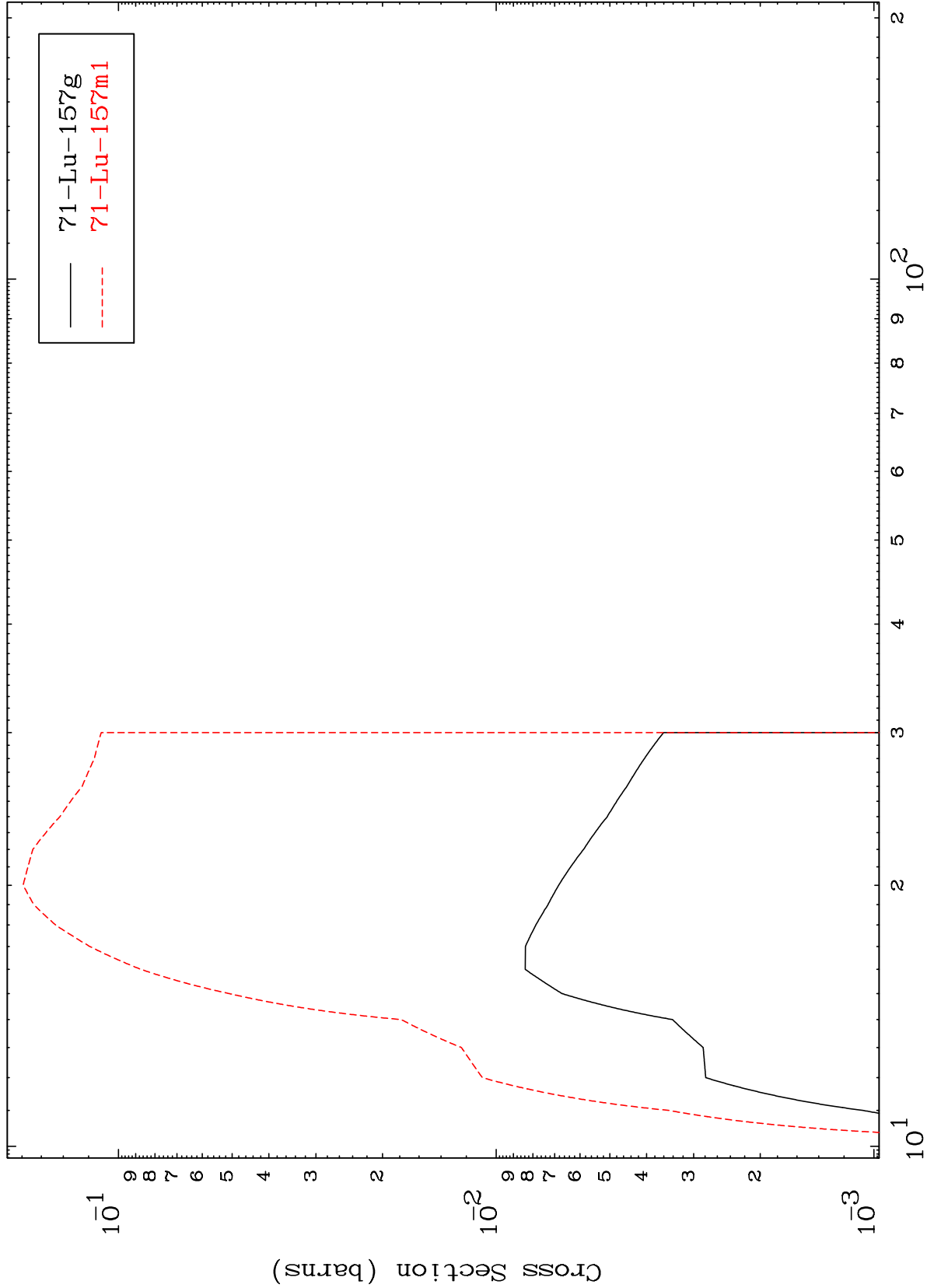


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(n,2n)

70-Yb-157

Radionuclide Production Cross Section



Incident Energy (MeV)

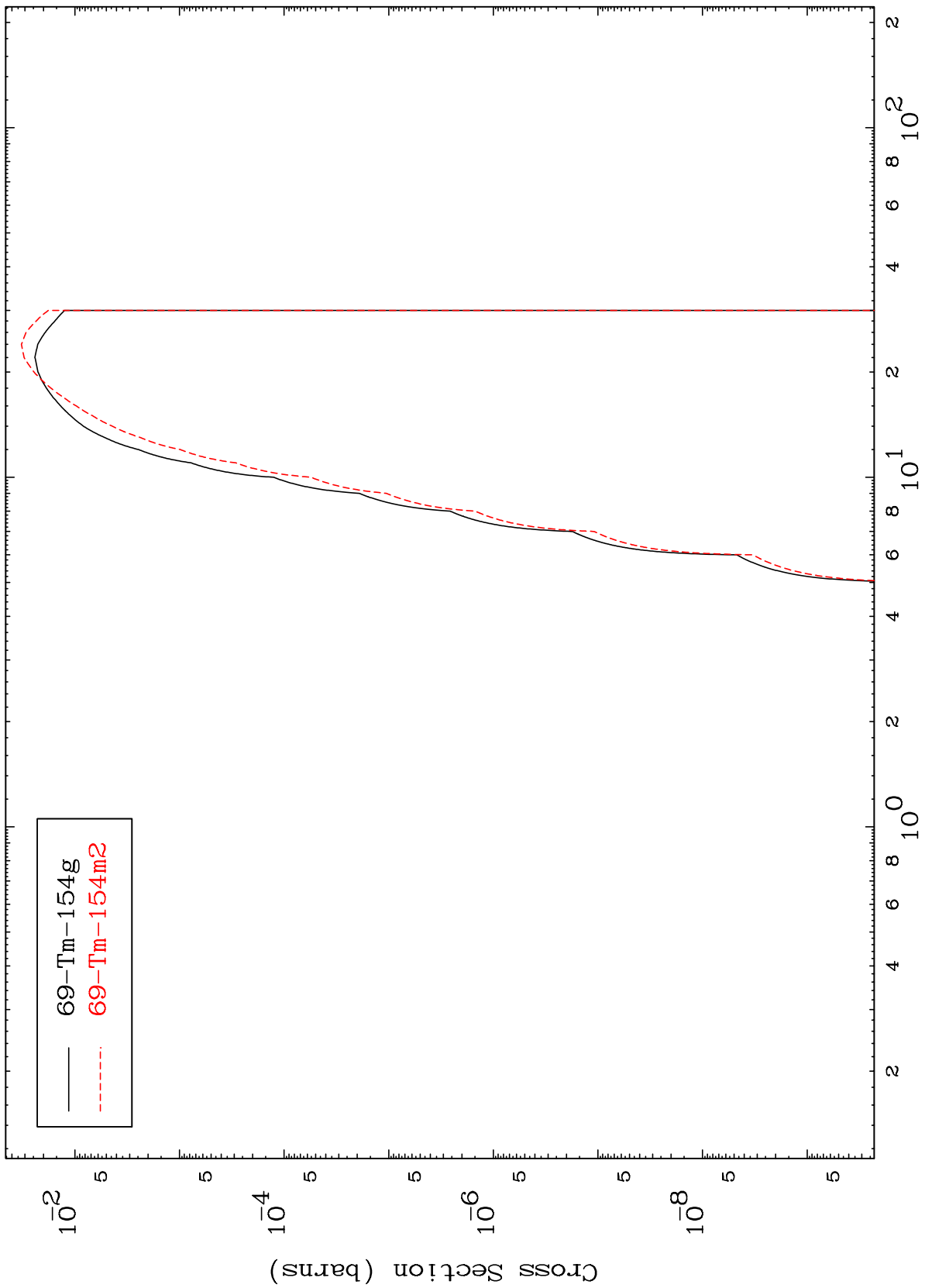
70-Yb-157

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$(n, n') \alpha$

70-Yb-157

Radionuclide Production Cross Section

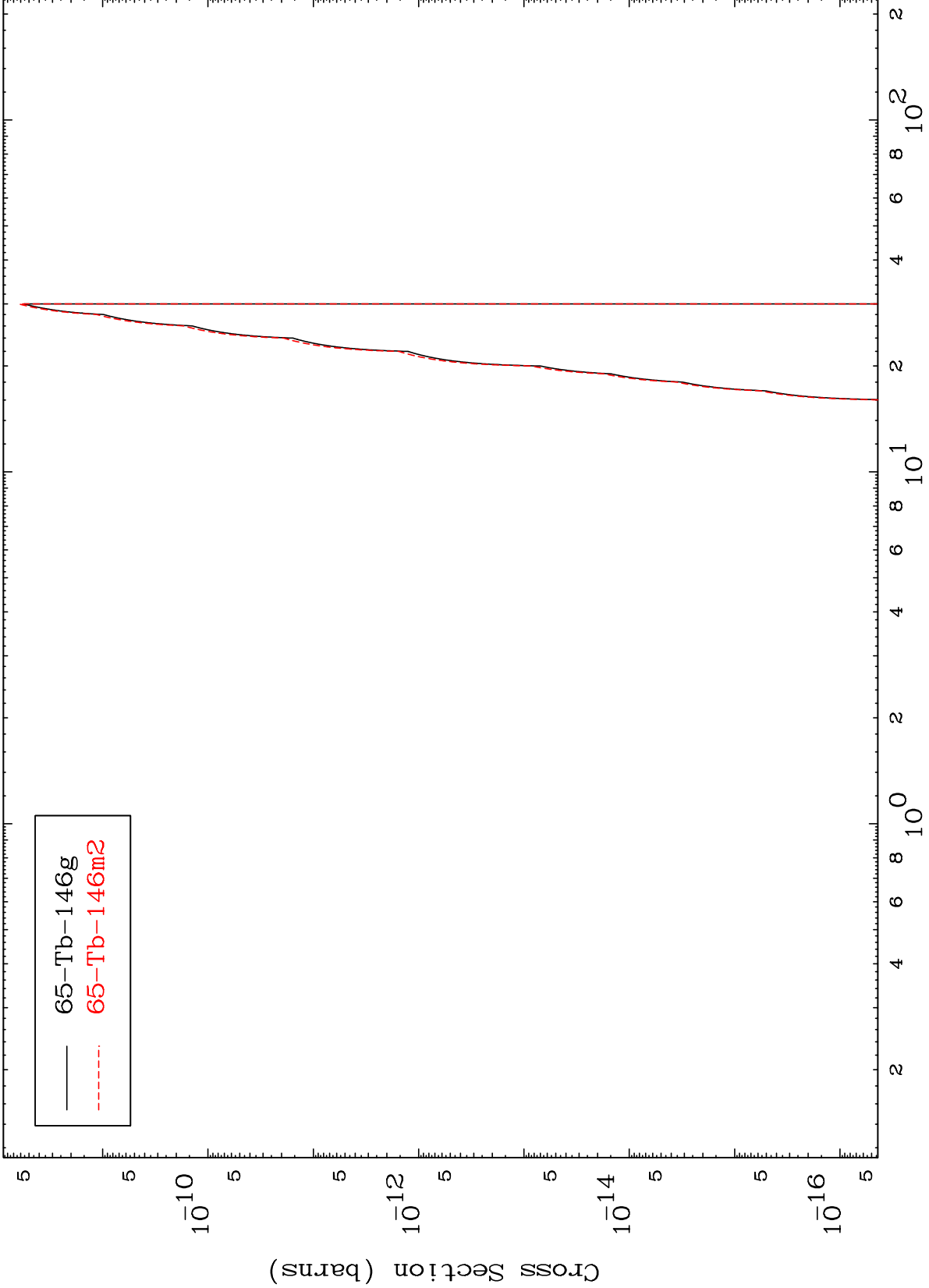


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(n,n') 3 α

70-Yb-157

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

15

Incident Energy (MeV)

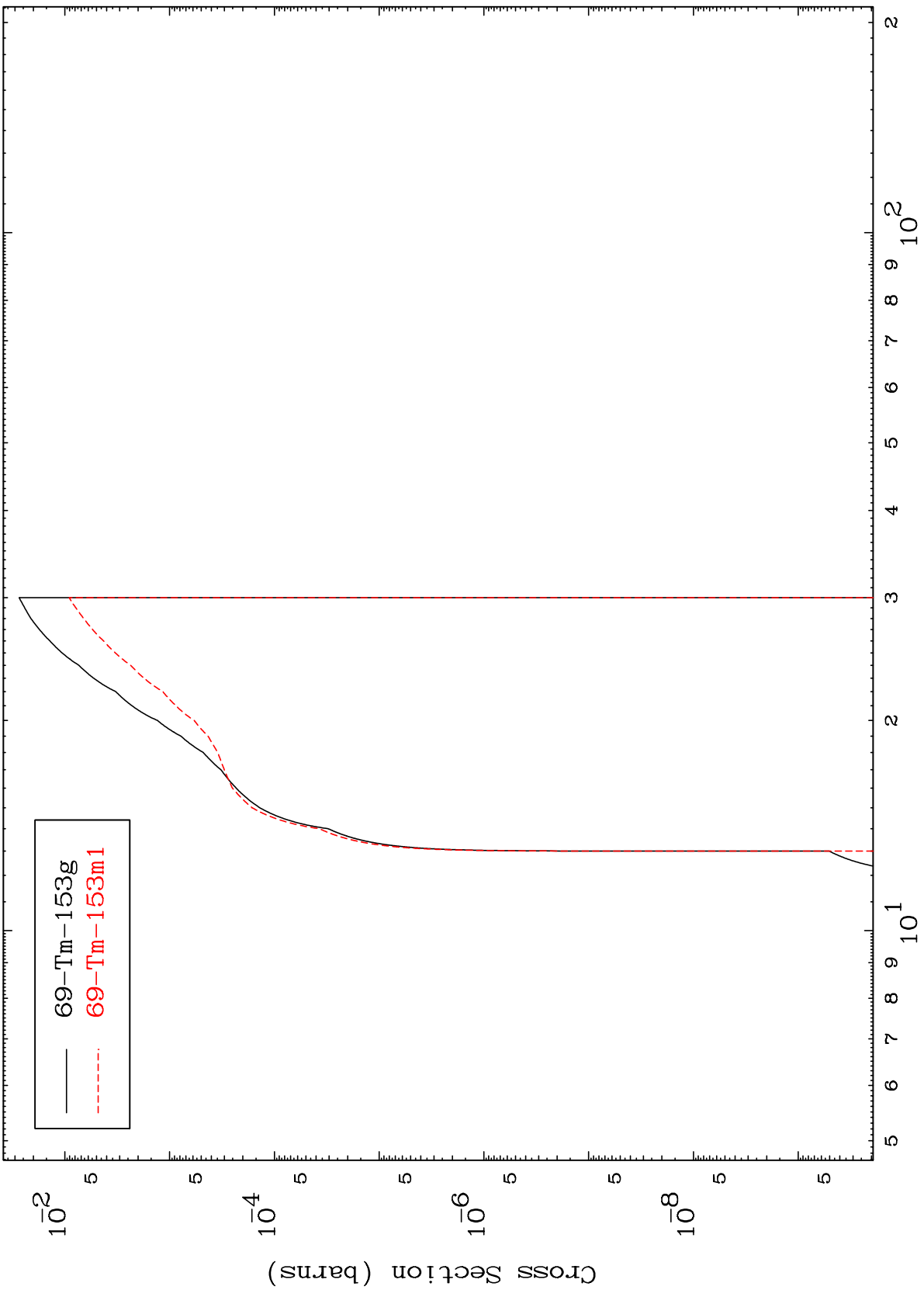
70-Yb-157

MAT 6992

(n,2n) α

70-Yb-157

Radionuclide Production Cross Section

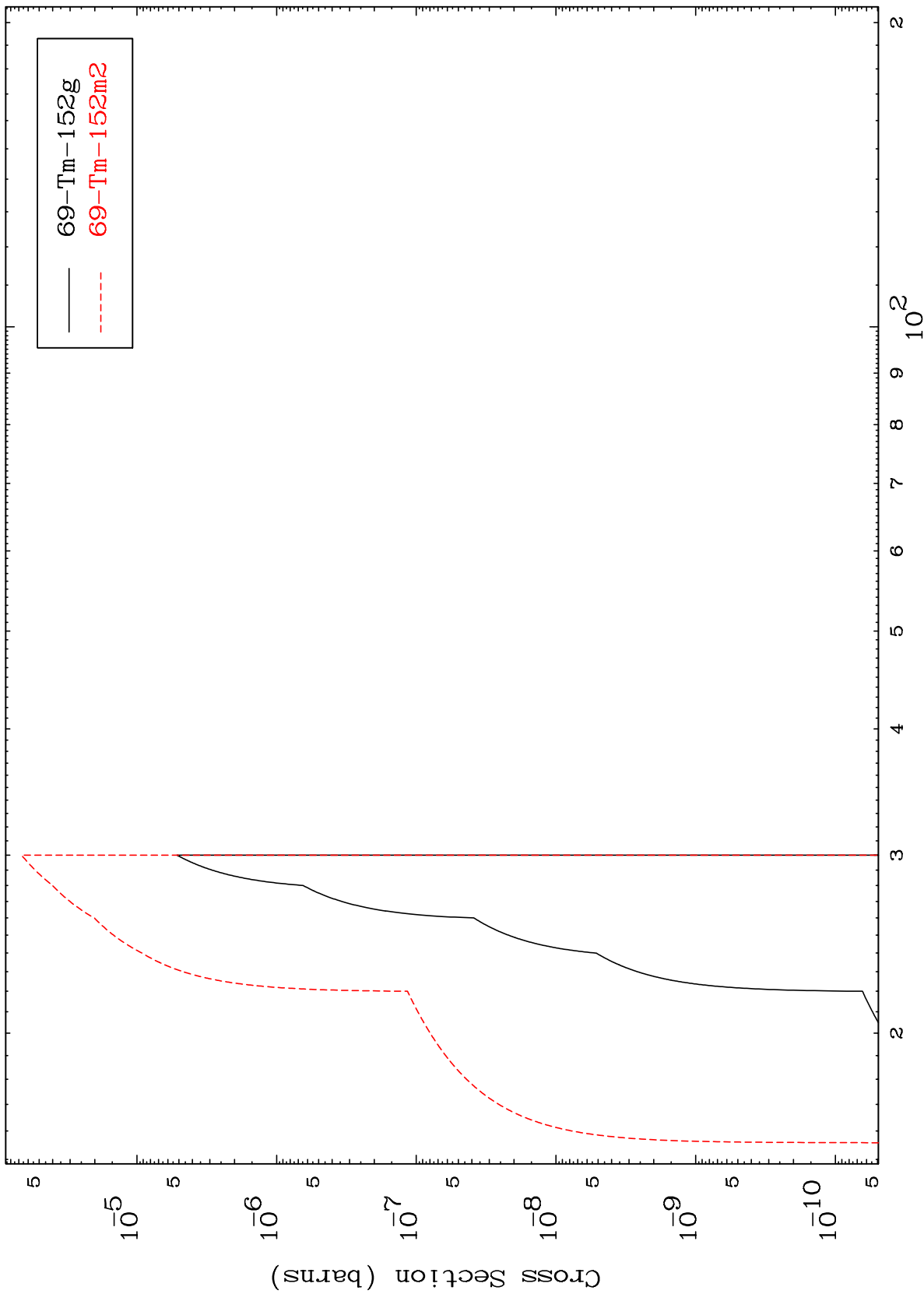


16

Incident Energy (MeV)

70-Yb-157

Radionuclide Production Cross Section

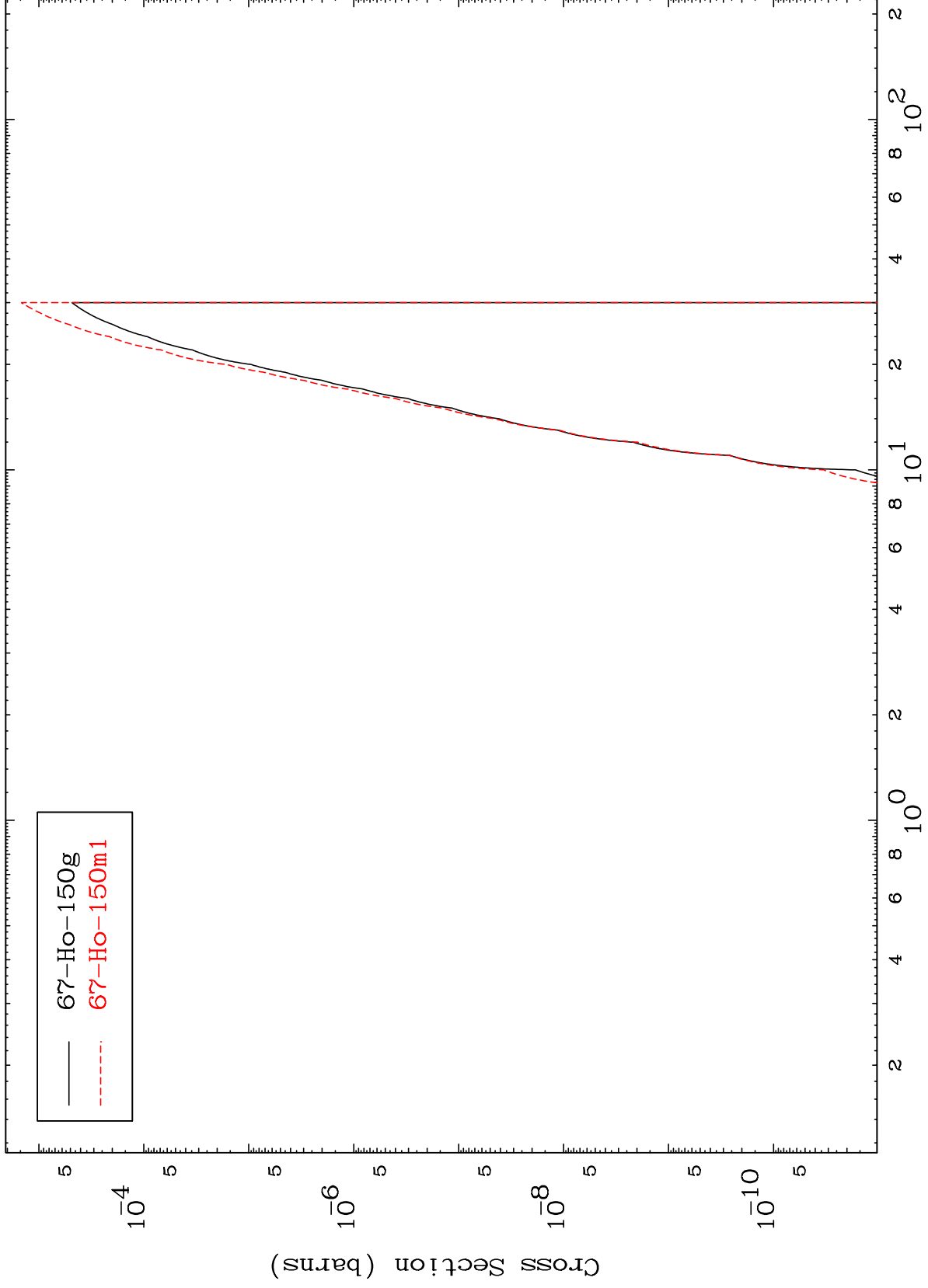


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(n,n') 2 α

70-Yb-157

Radionuclide Production Cross Section



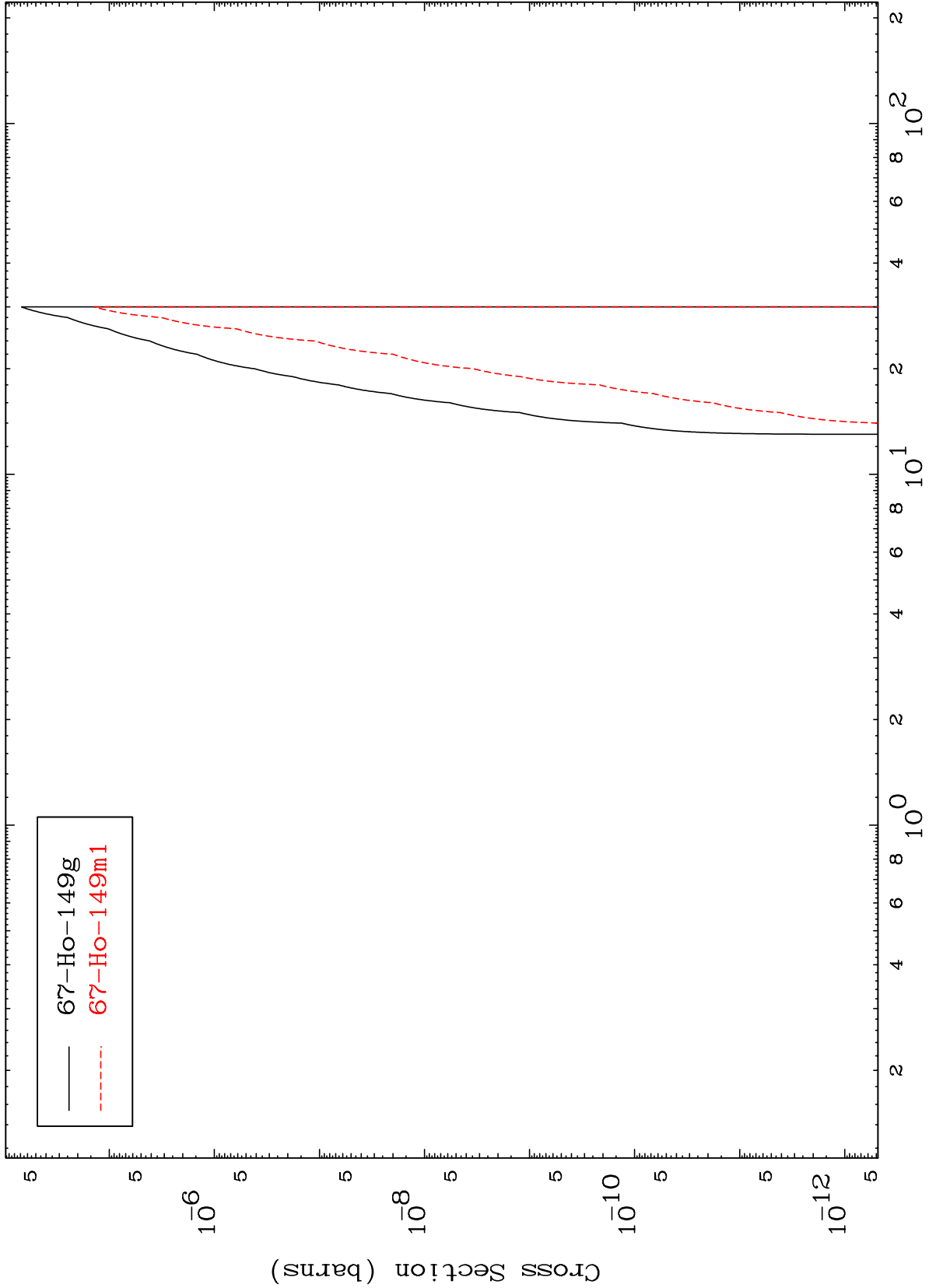
— 67-Ho-150g
- - - 67-Ho-150m1

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(n,2n) 2 α

70-Yb-157

Radionuclide Production Cross Section

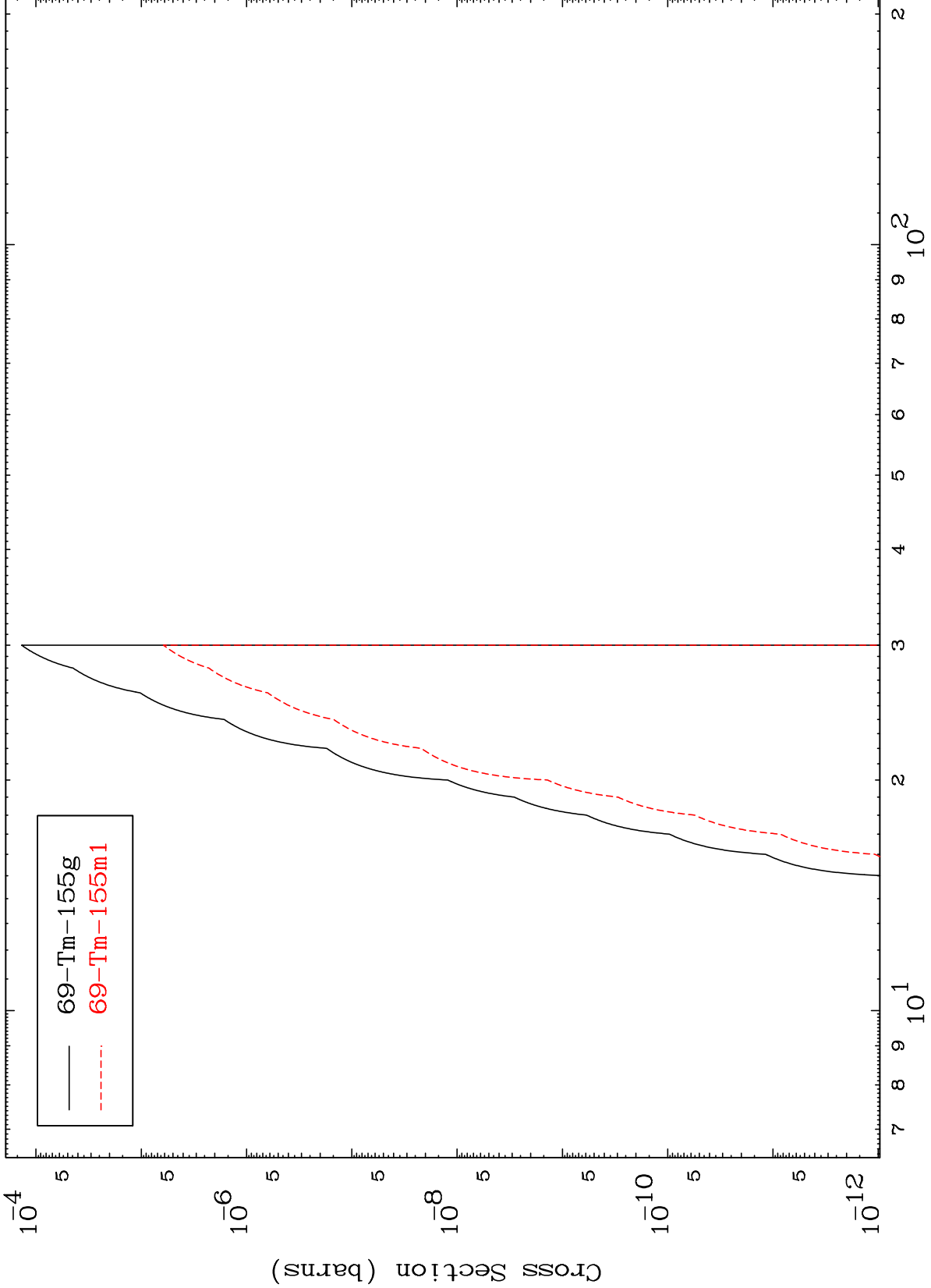


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(n,n') He-3

70-Yb-157

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

20

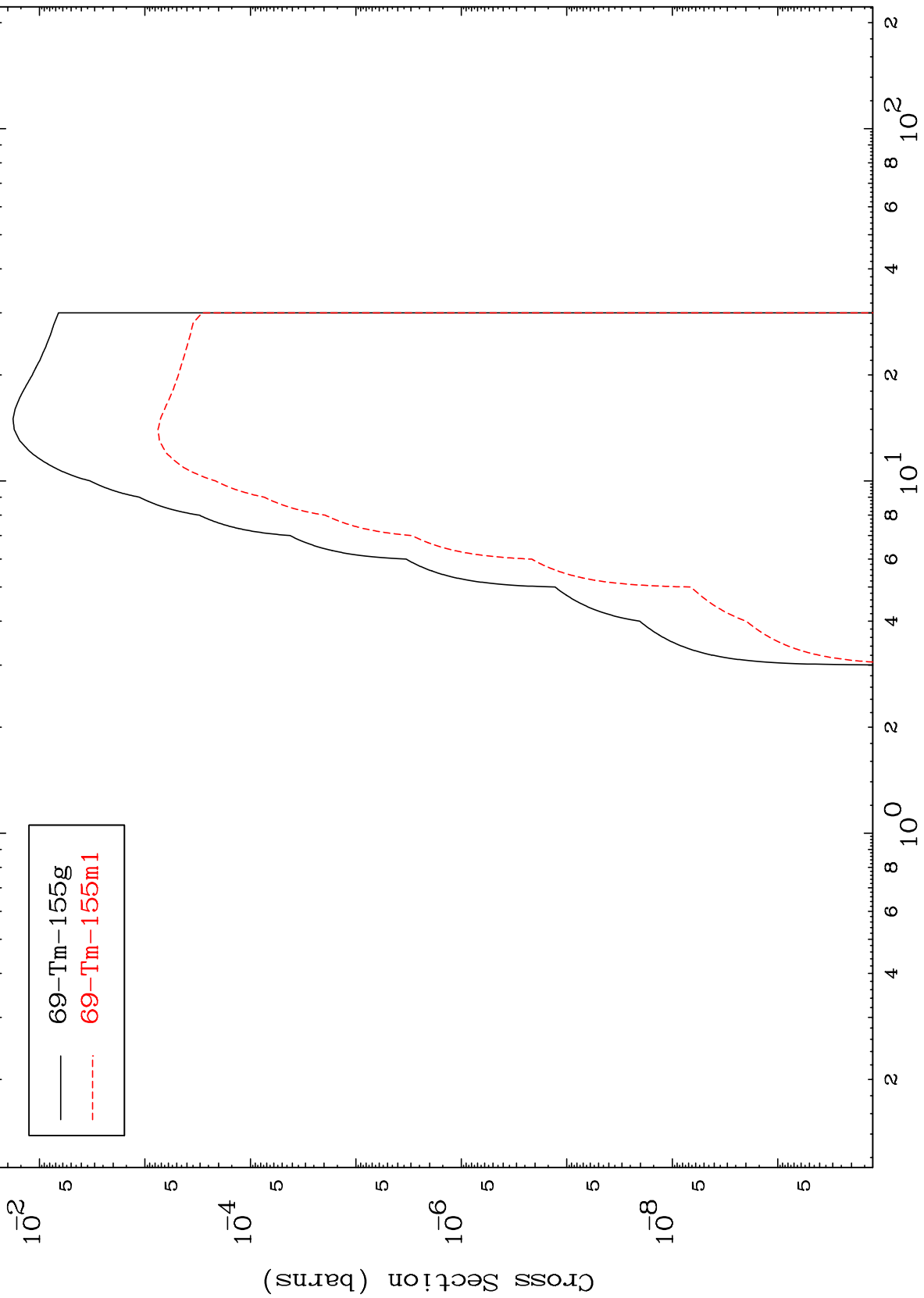
Incident Energy (MeV)

70-Yb-157

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70-Yb-157

(n, α)
Radionuclide Production Cross Section



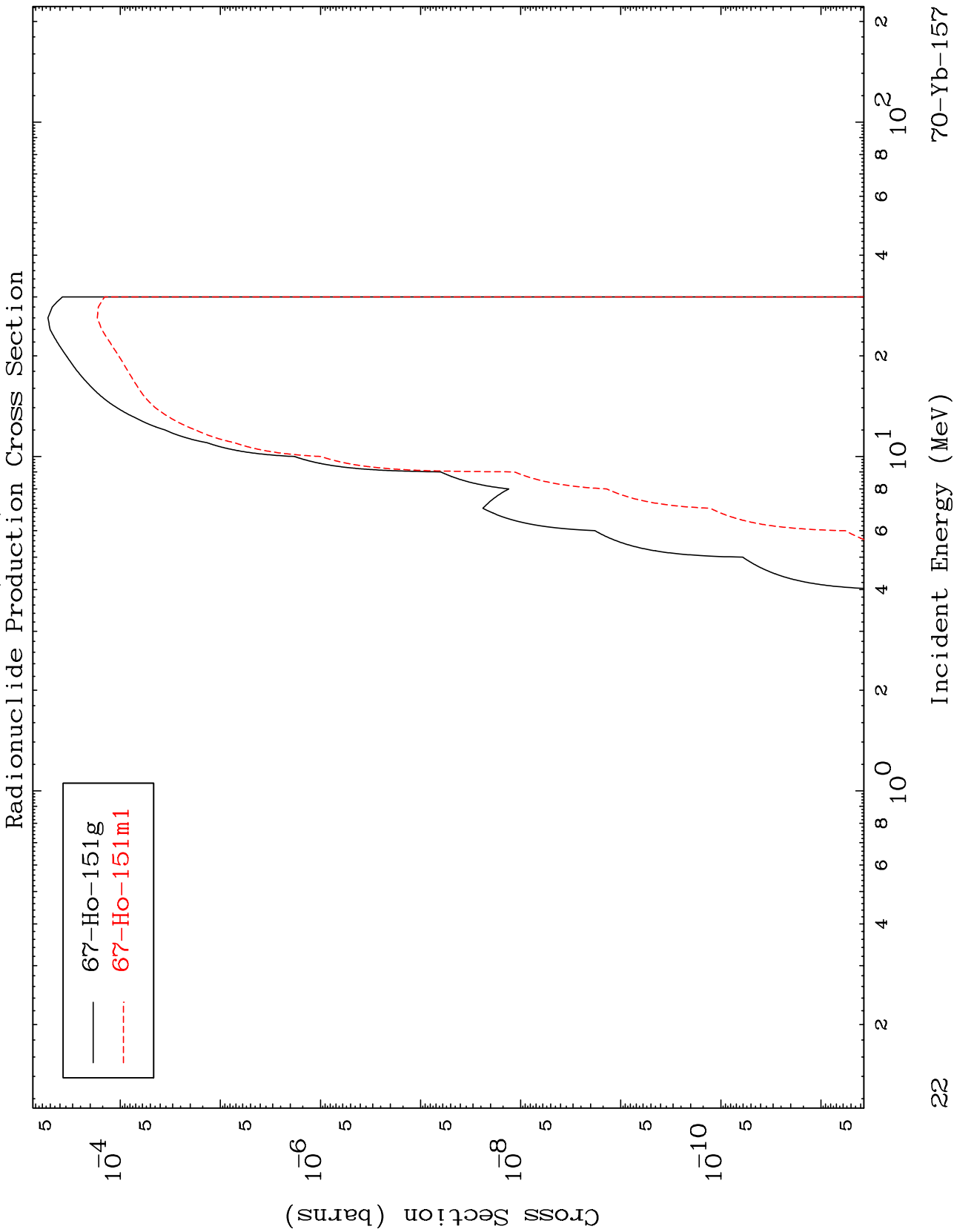
— 69-Tm-155g
- - - 69-Tm-155m1

70-Yb-157

Incident Energy (MeV)

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70-Yb-157

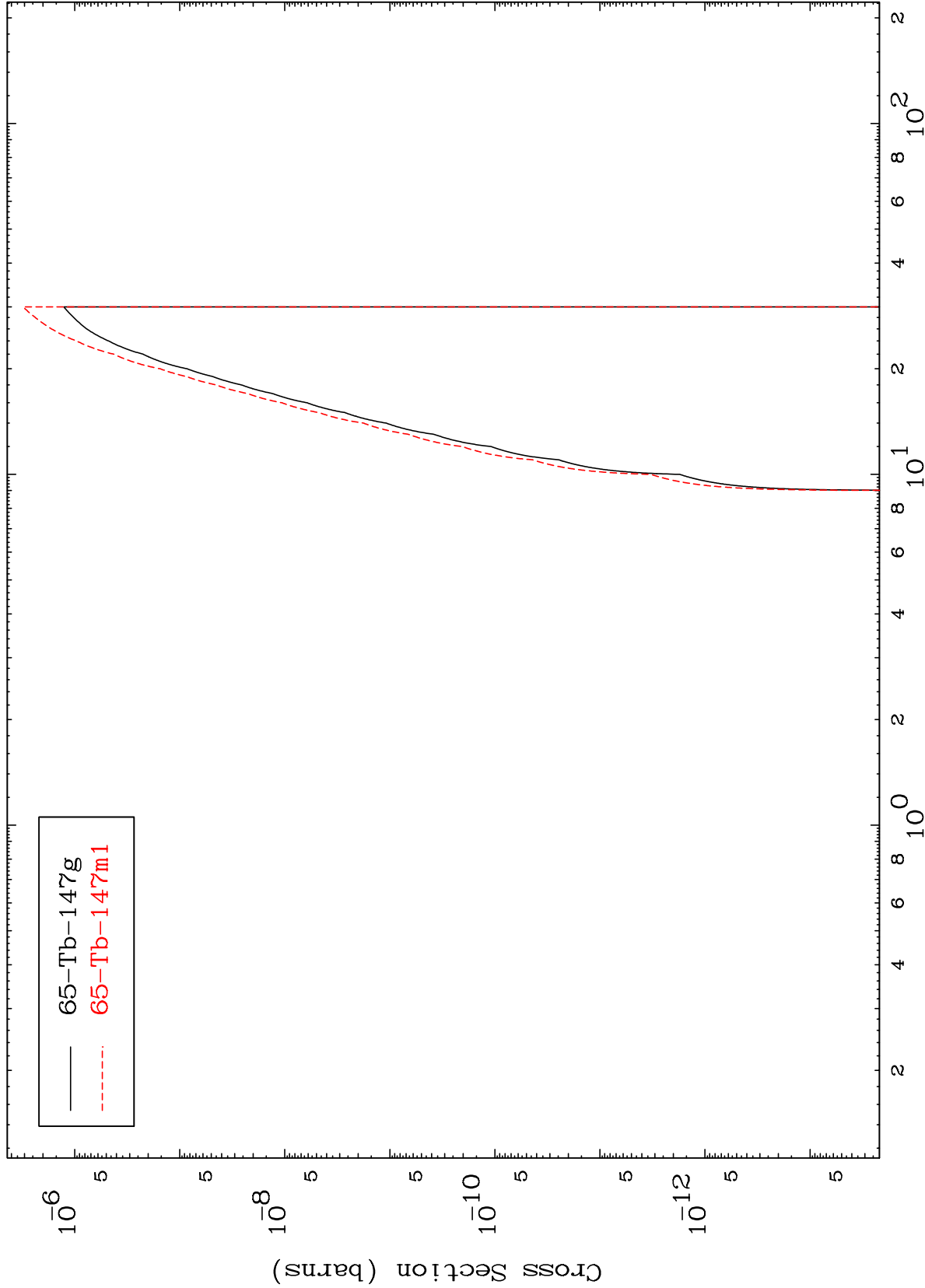


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(n, 3 α)

70-Yb-157

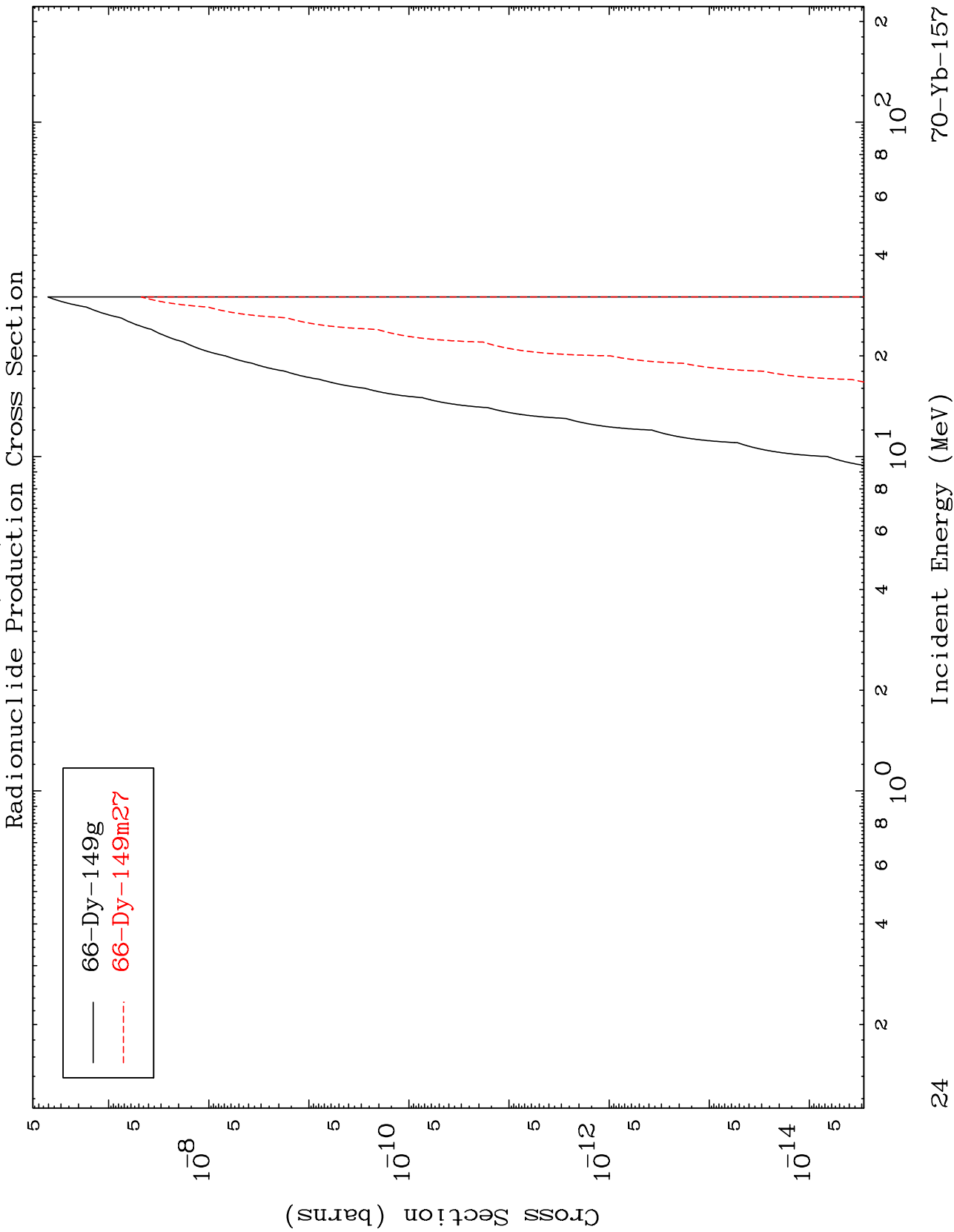
Radionuclide Production Cross Section



MAT 6992

(n,d) 2 α

70-Yb-157

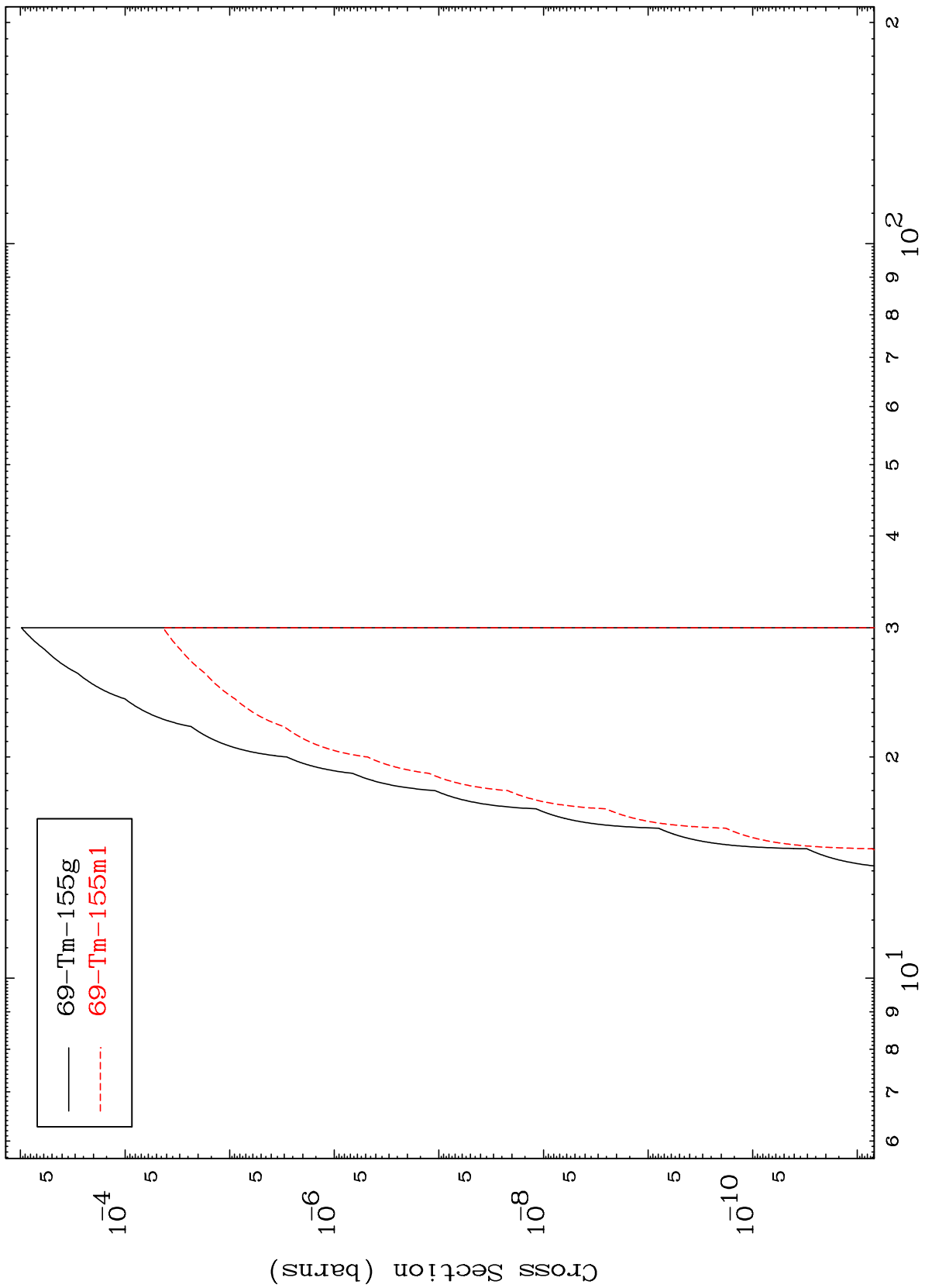


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(n,p) t

70-Yb-157

Radionuclide Production Cross Section



25

Incident Energy (MeV)

70-Yb-157