

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

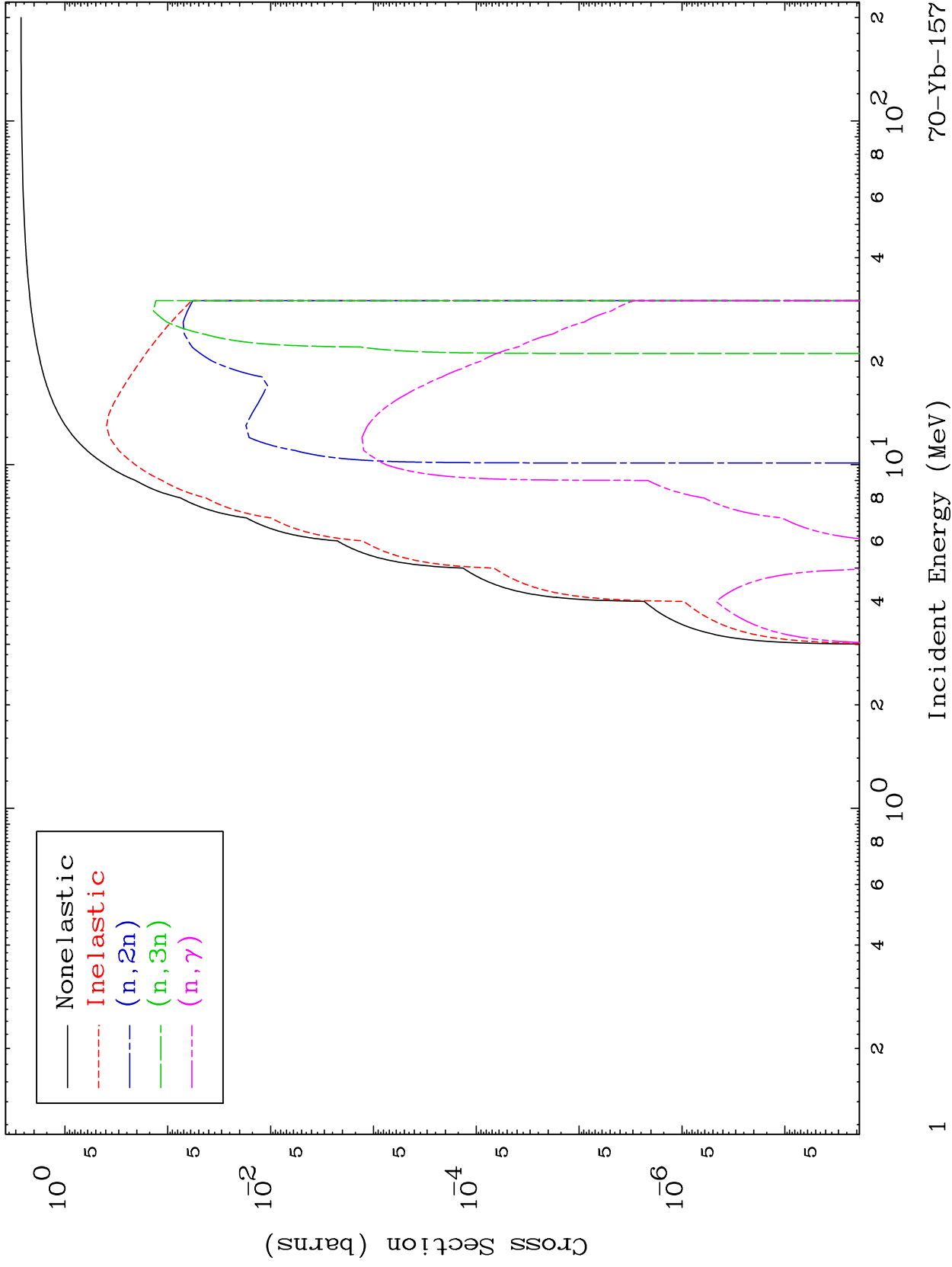
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

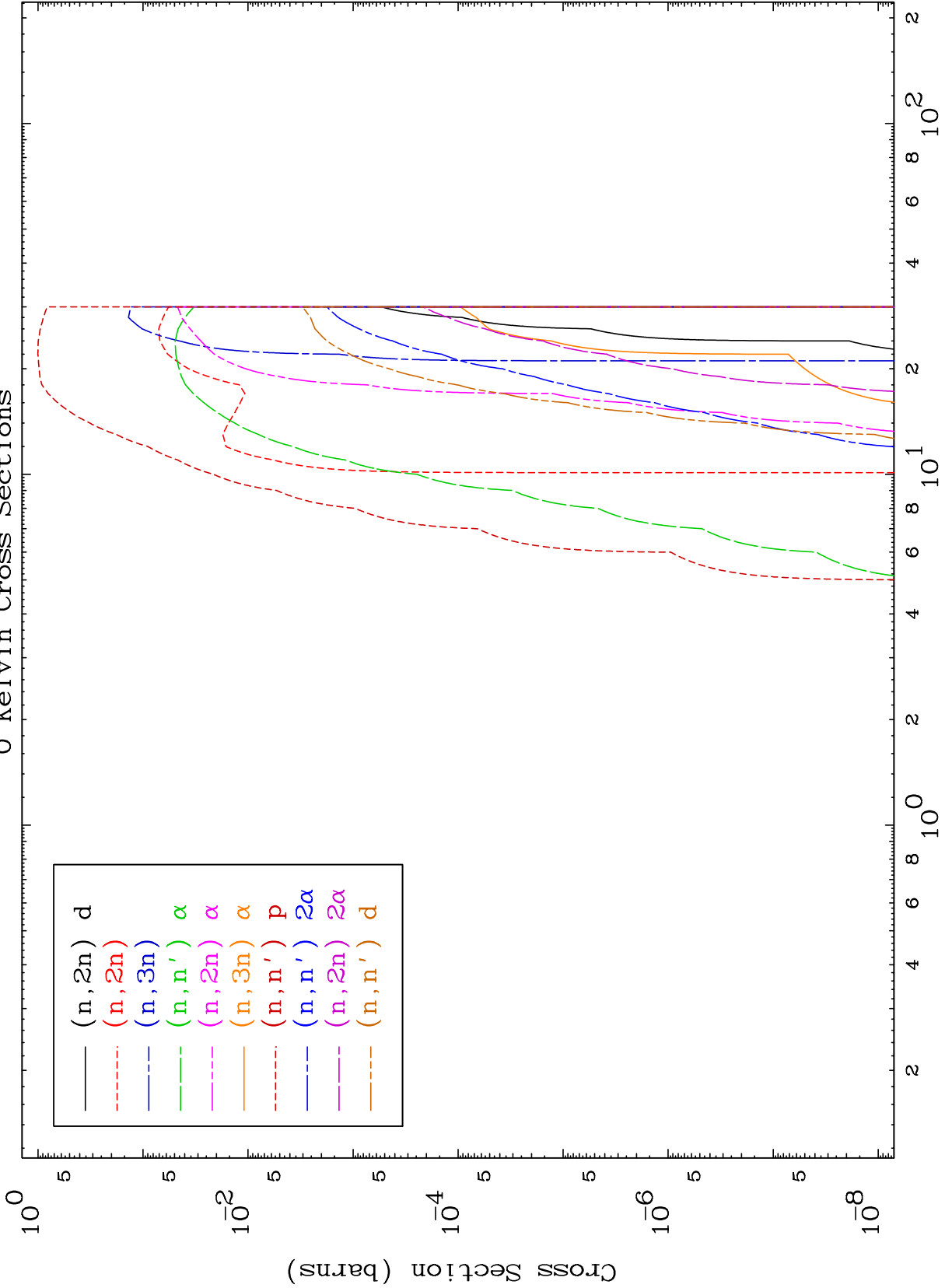
Tele: 925-443-1911

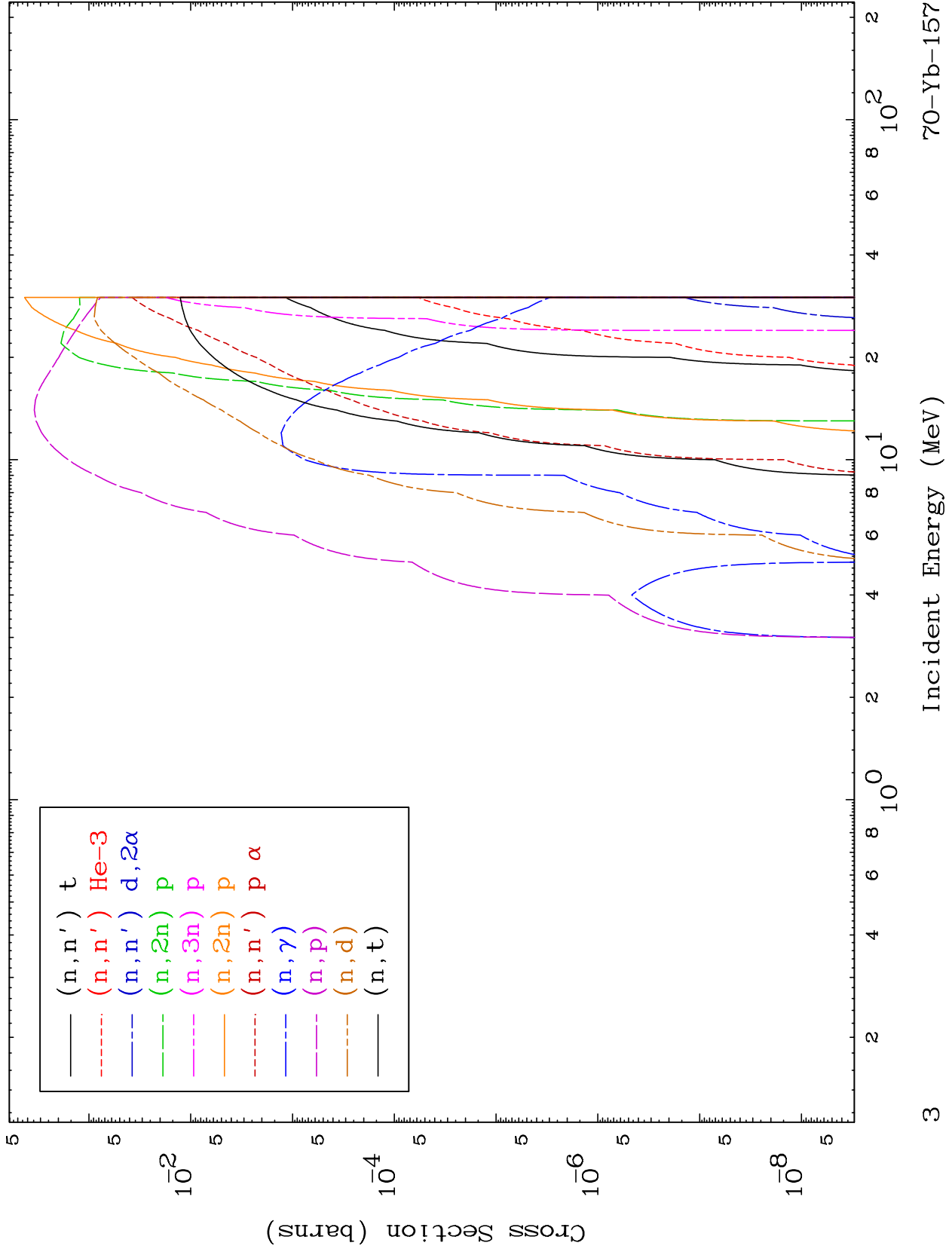
E.Mail:redcullen1@comcast.net

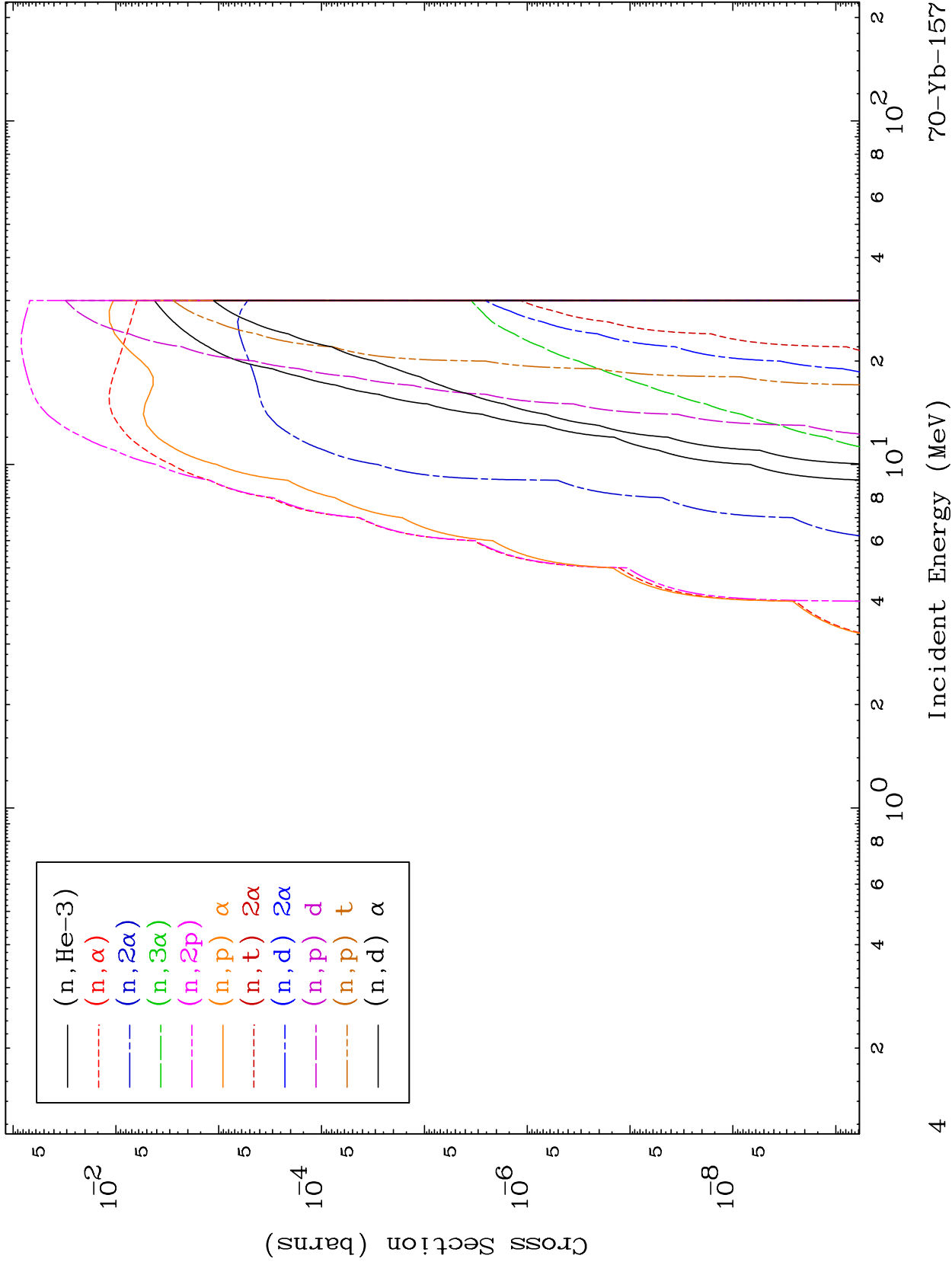
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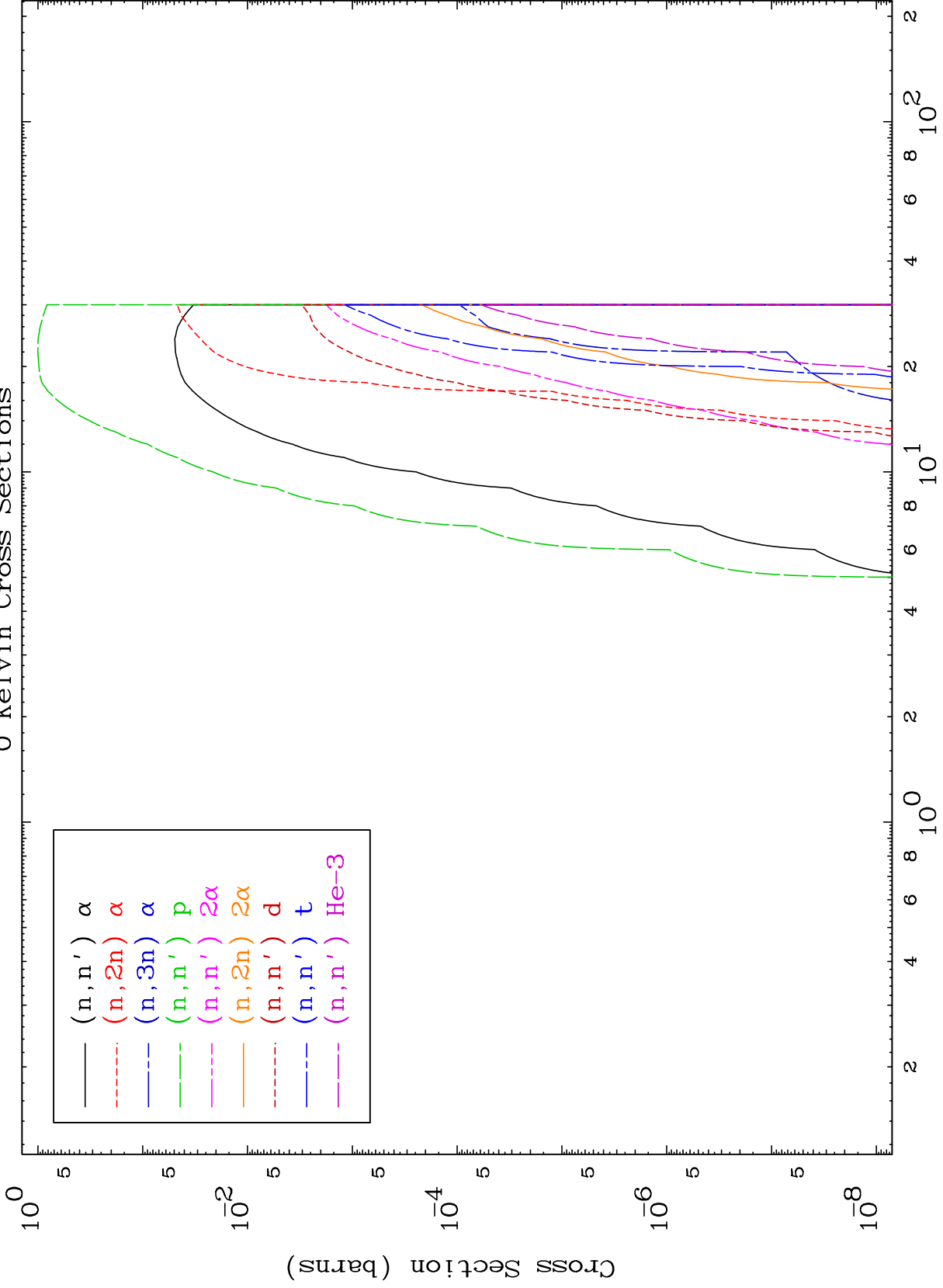
Press Mouse Button to Start

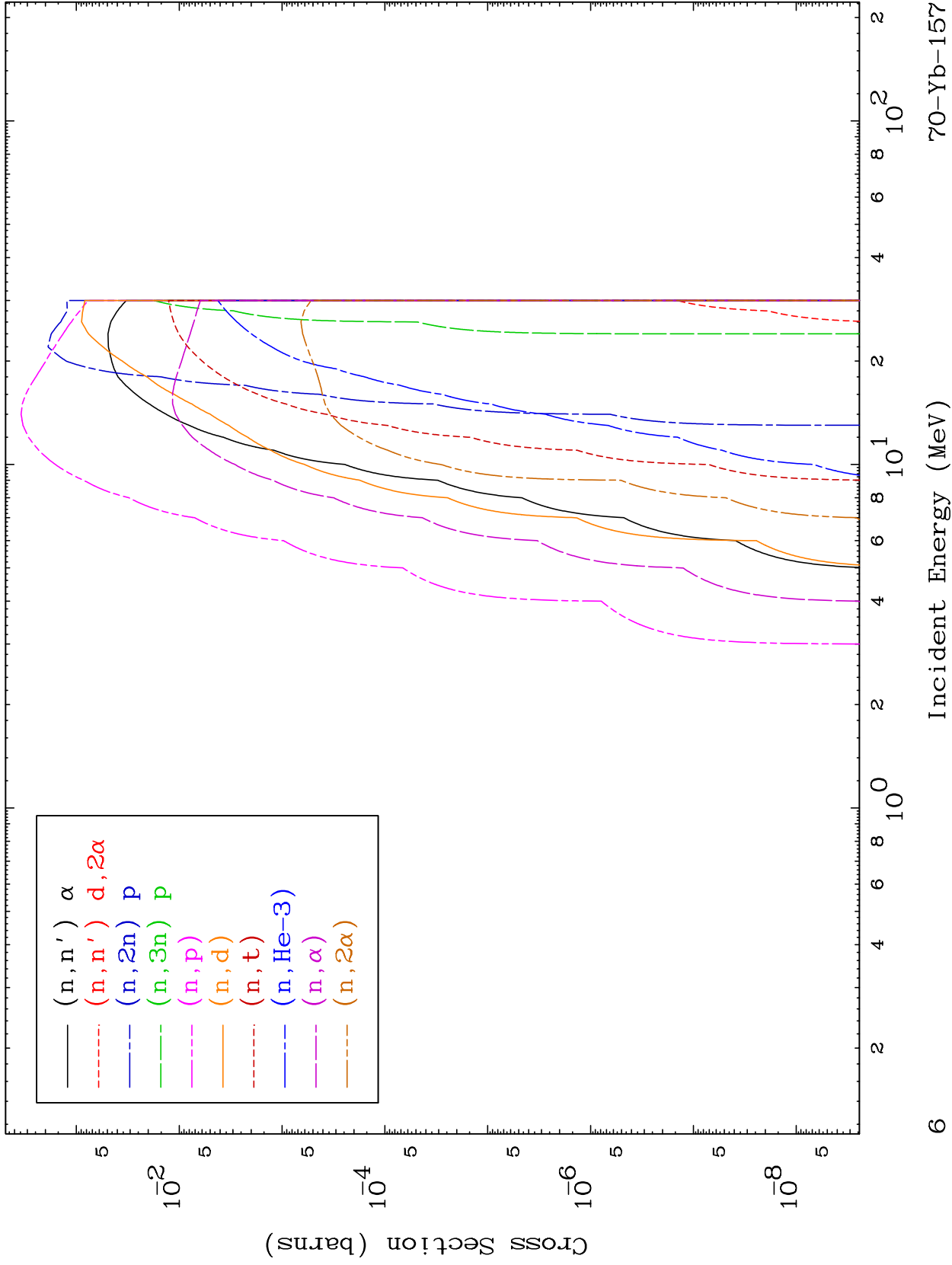


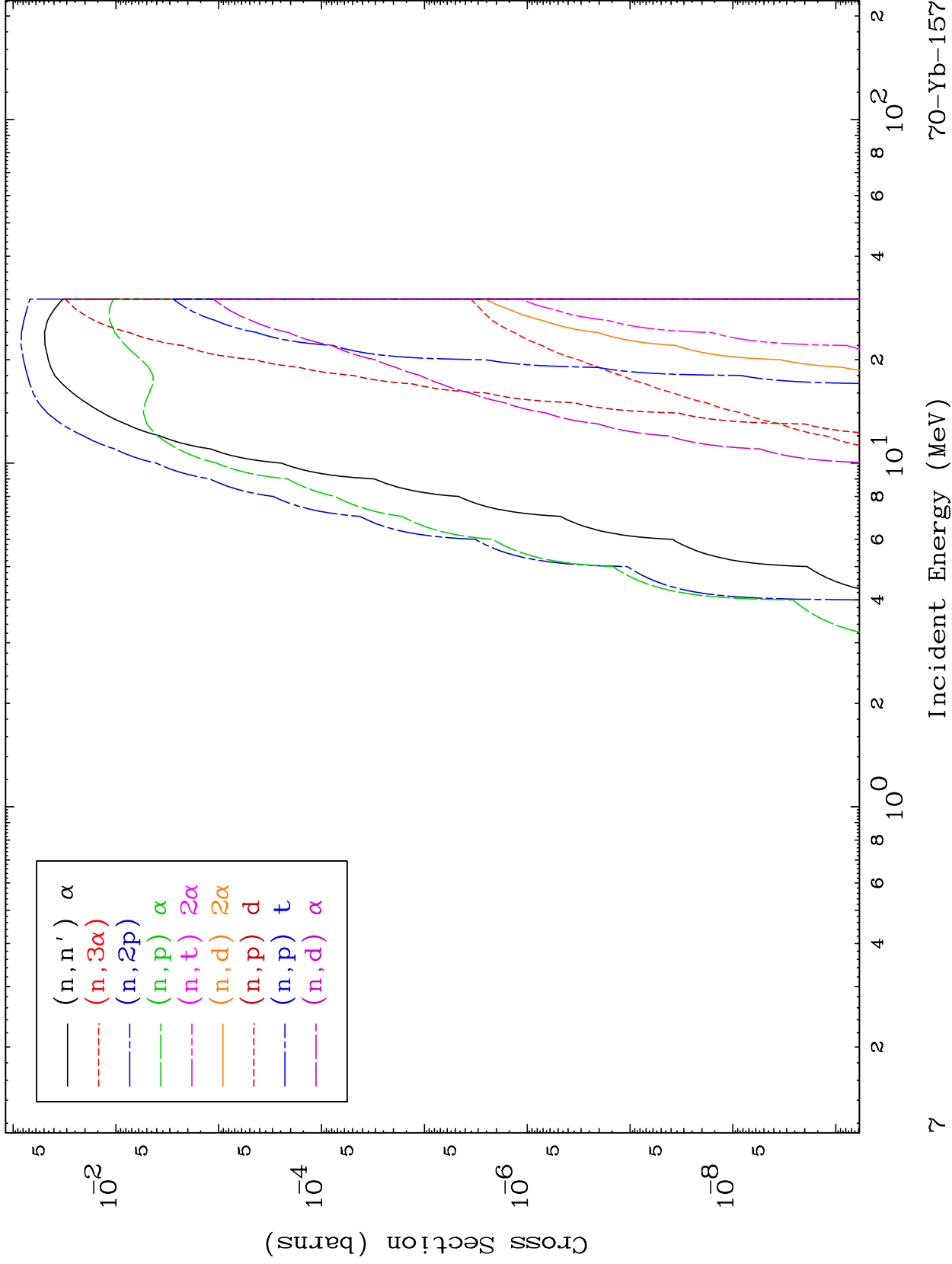










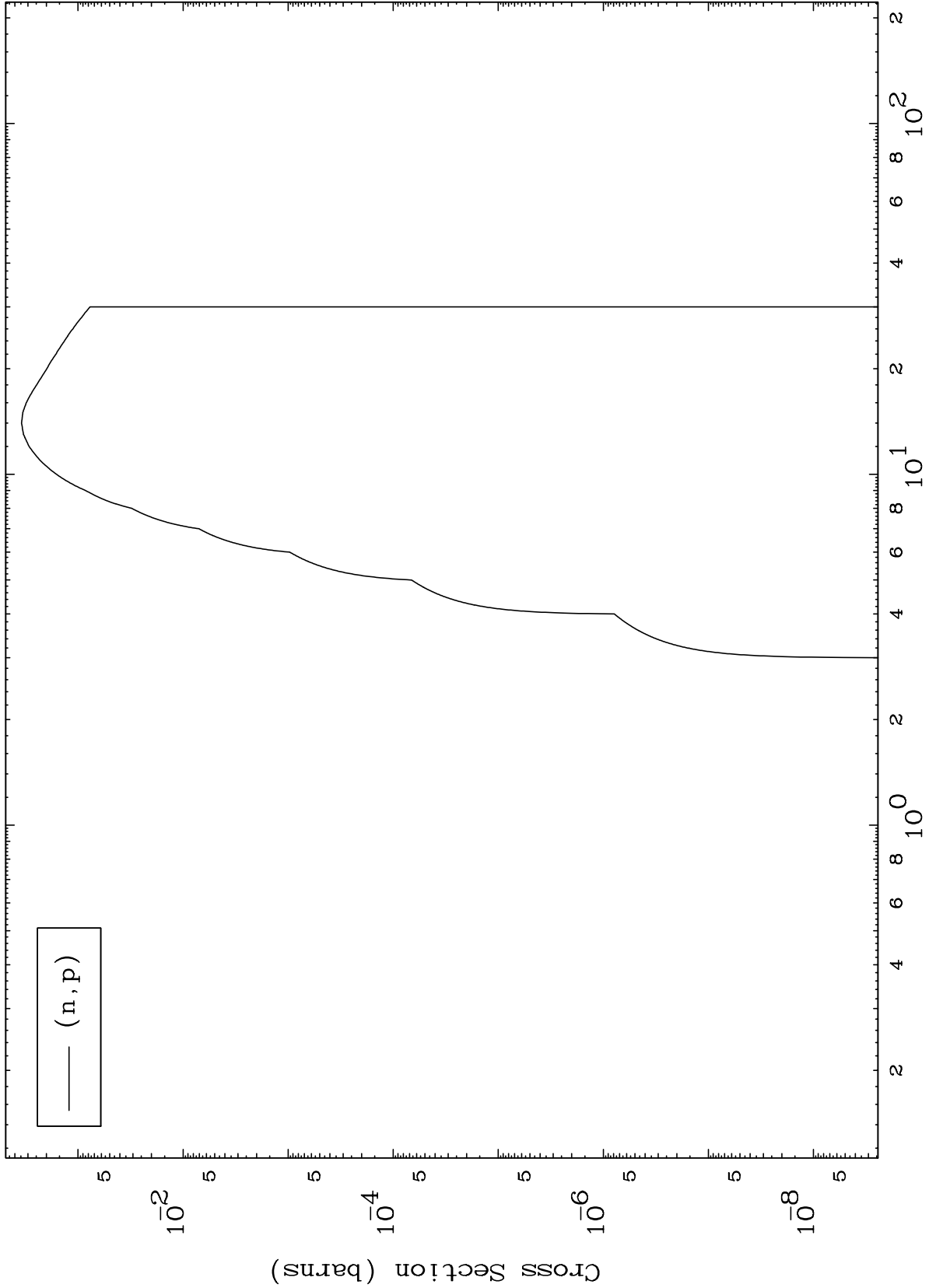


MAT 6992

(d,p) Levels

70-Yb-157

0 Kelvin Cross Sections



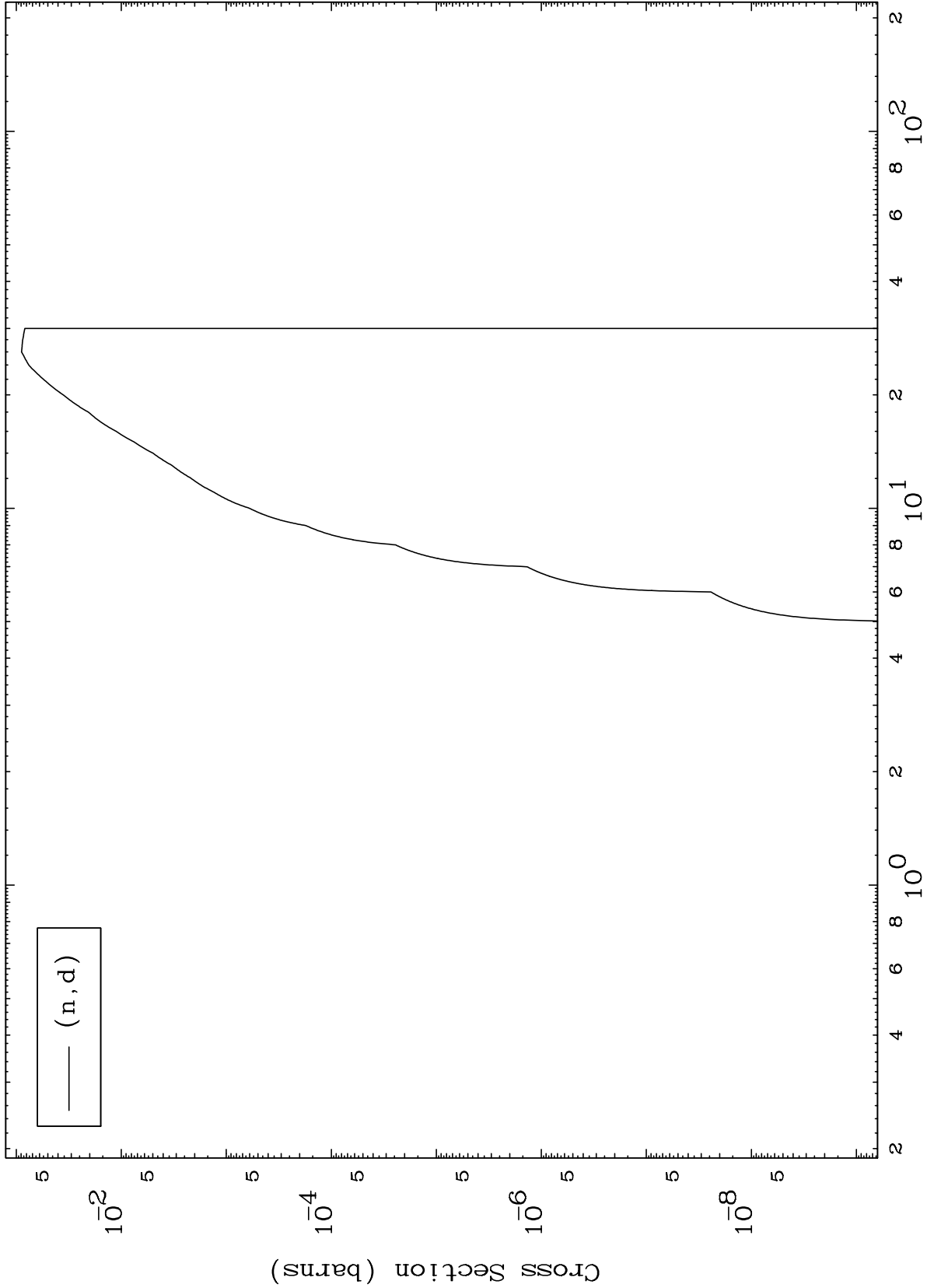
(n,p)

MAT 6992

(d,d) Levels

70-Yb-157

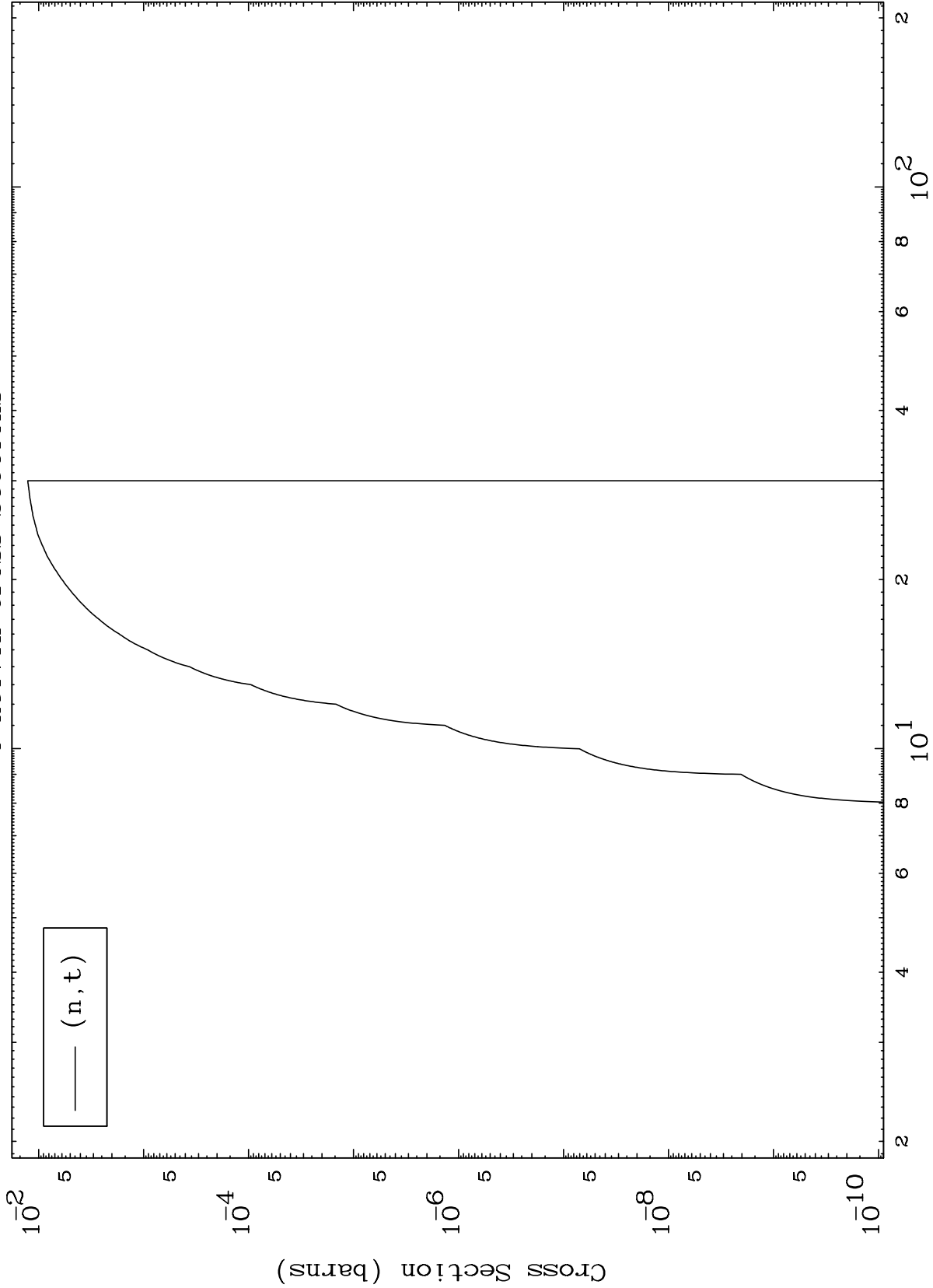
0 Kelvin Cross Sections



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70-Yb-157

(d,t) Levels
0 Kelvin Cross Sections



70-Yb-157

Incident Energy (MeV)

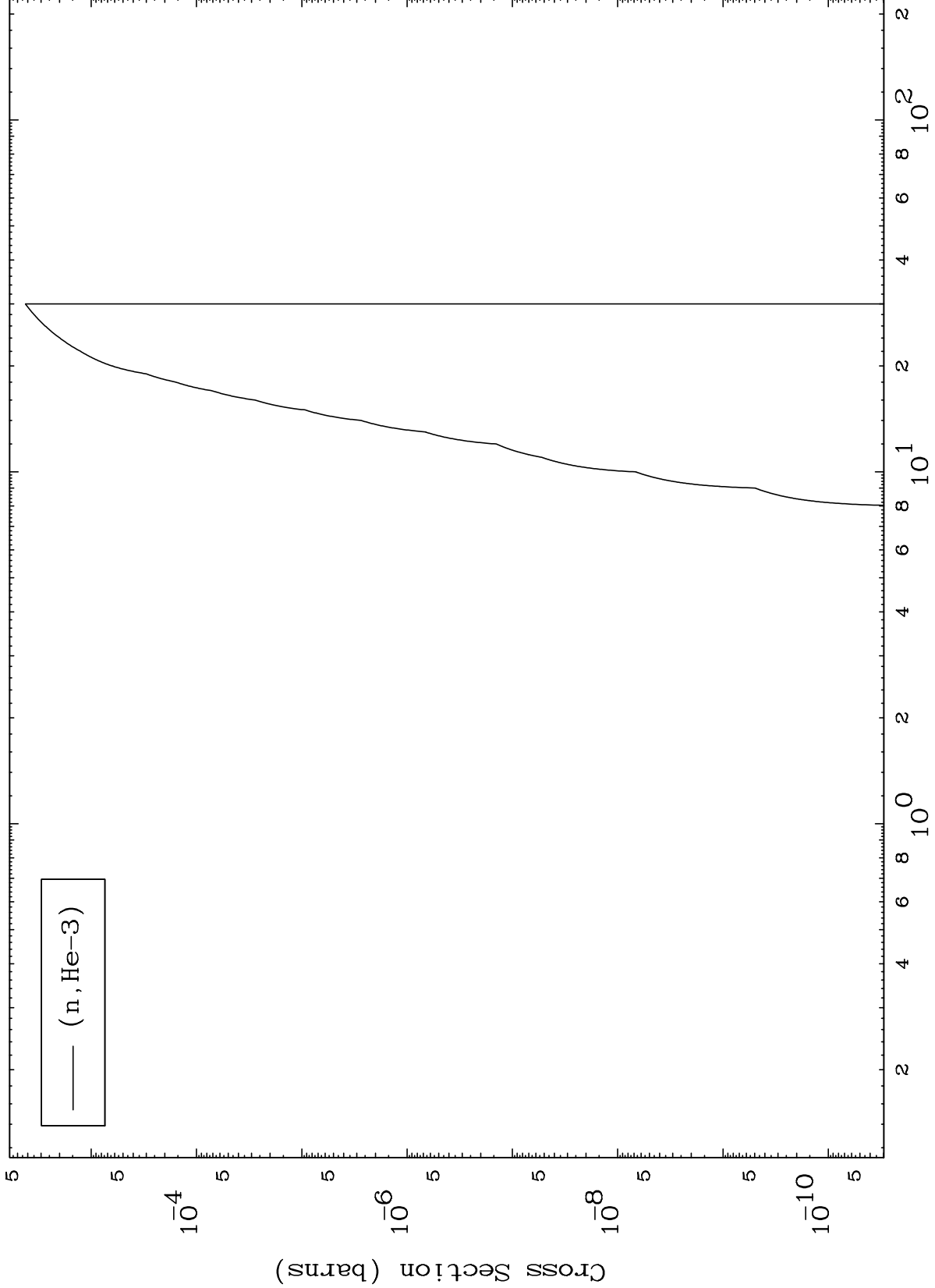
10

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(d,He3) Levels

70-Yb-157

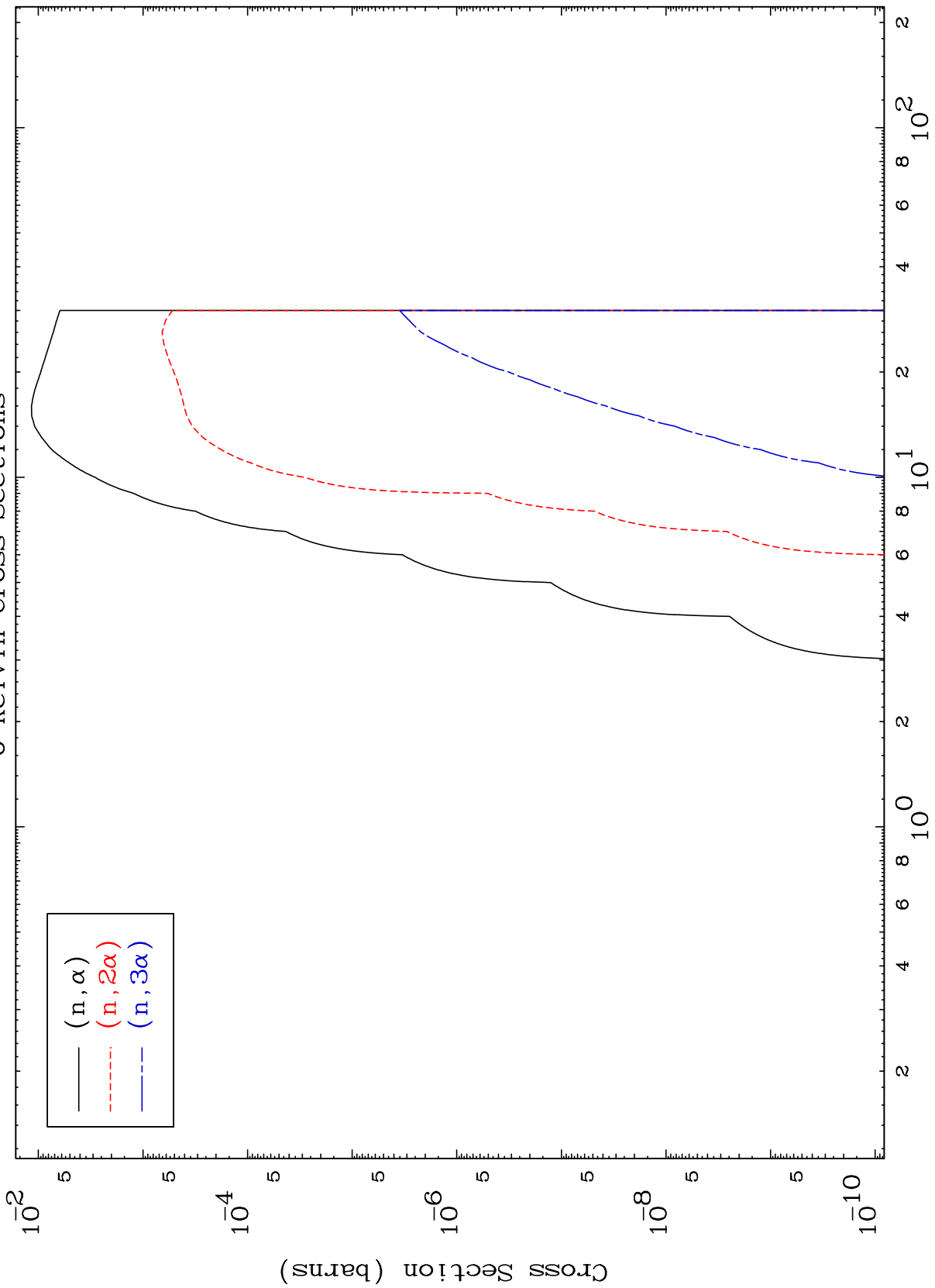
0 Kelvin Cross Sections



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0 Kelvin Cross Sections

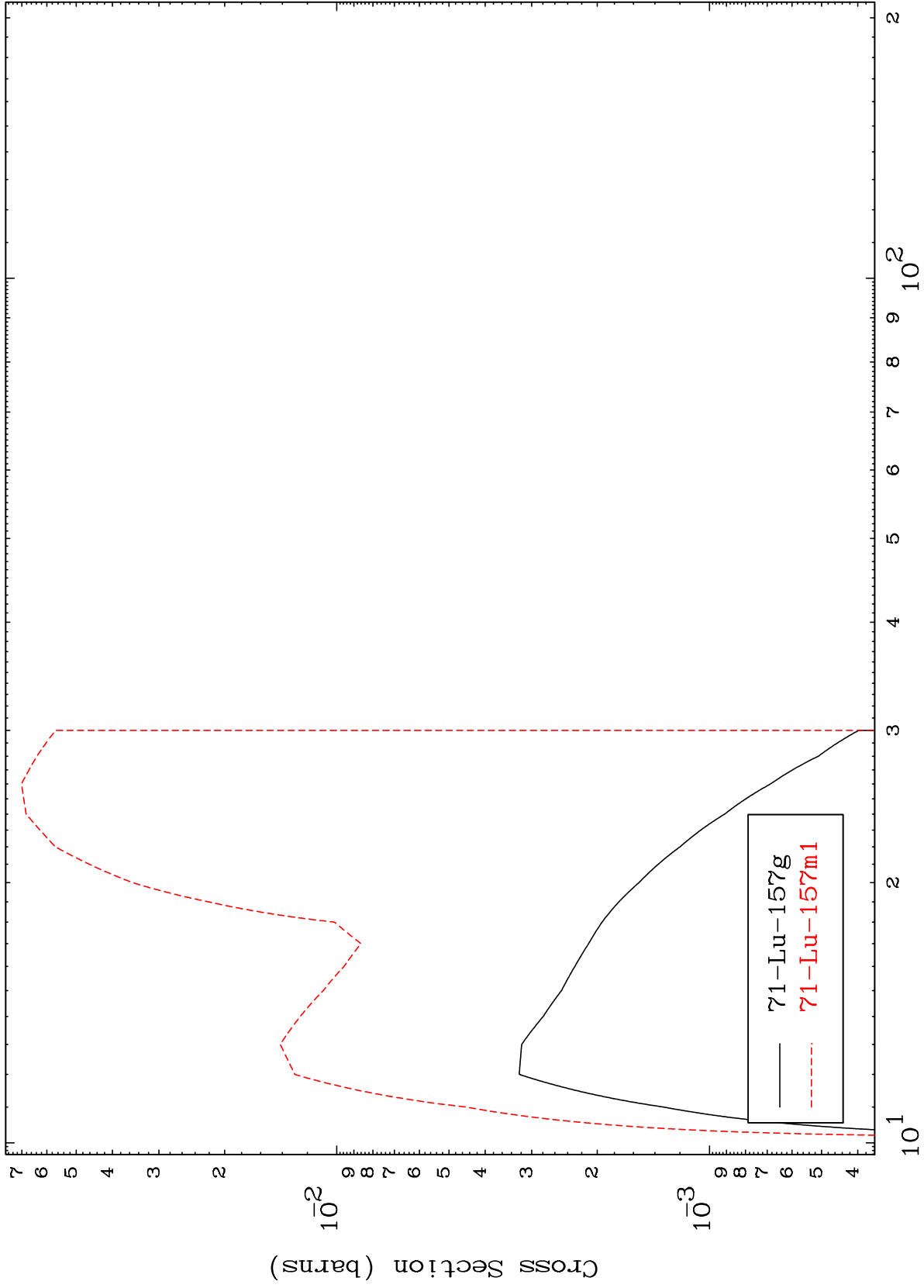
70-Yb-157



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70-Yb-157

Radionuclide Production Cross Section
(n,2n)



70-Yb-157

Incident Energy (MeV)

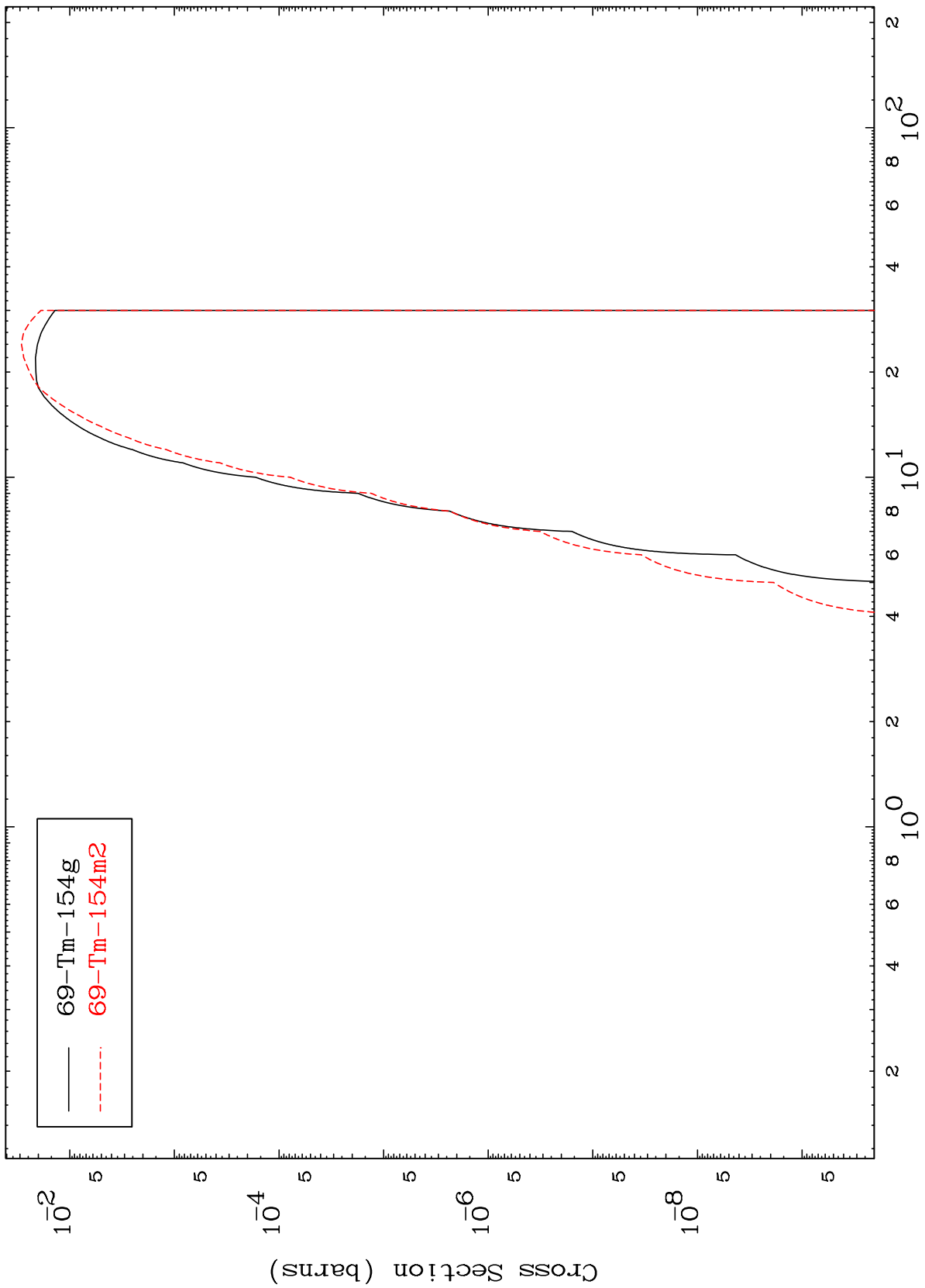
13

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$(n, n') \alpha$

70-Yb-157

Radionuclide Production Cross Section



— 69-Tm-154g
- - - 69-Tm-154m2

Incident Energy (MeV)

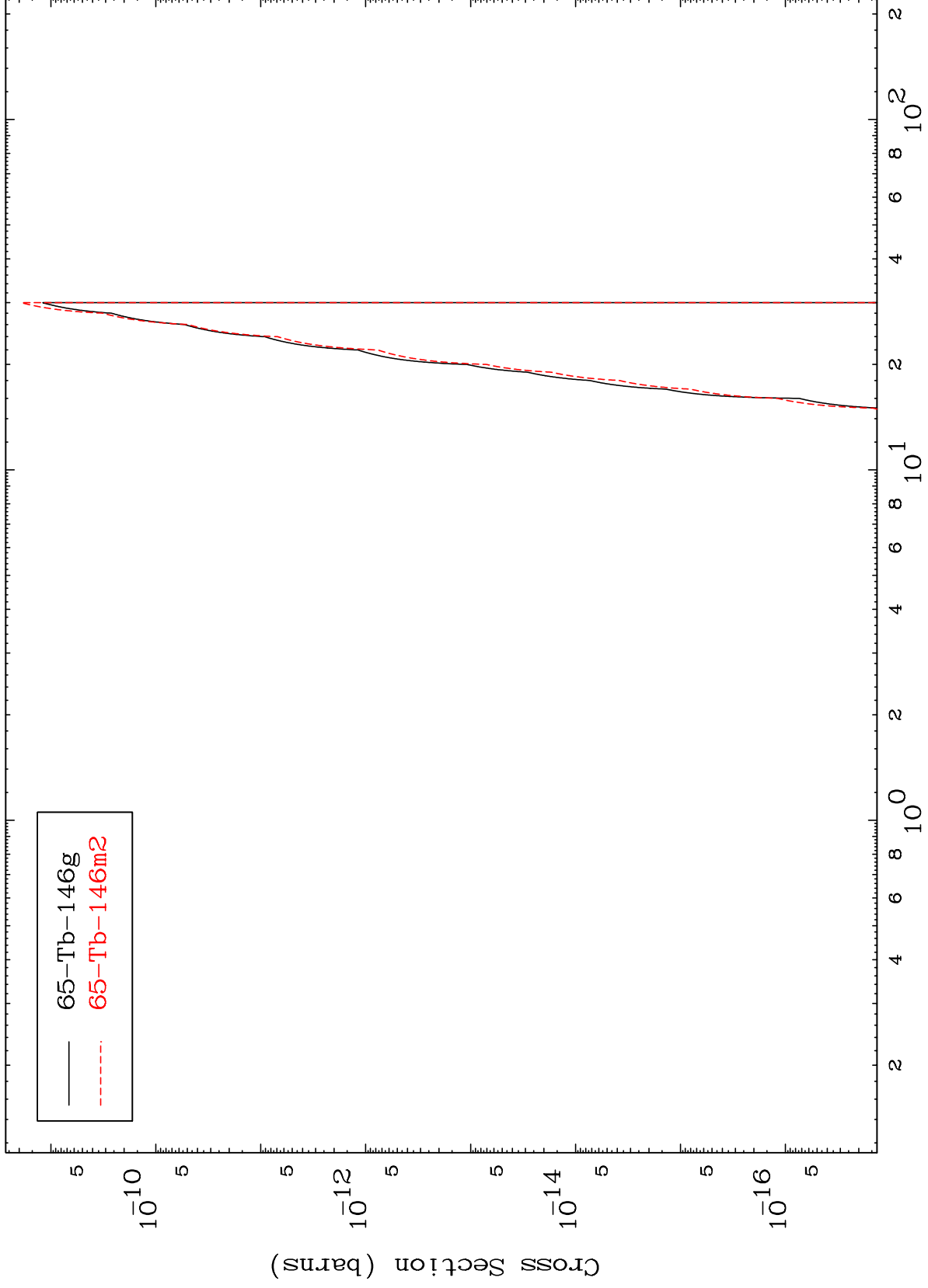
70-Yb-157

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(n,n') 3 α

70-Yb-157

Radionuclide Production Cross Section



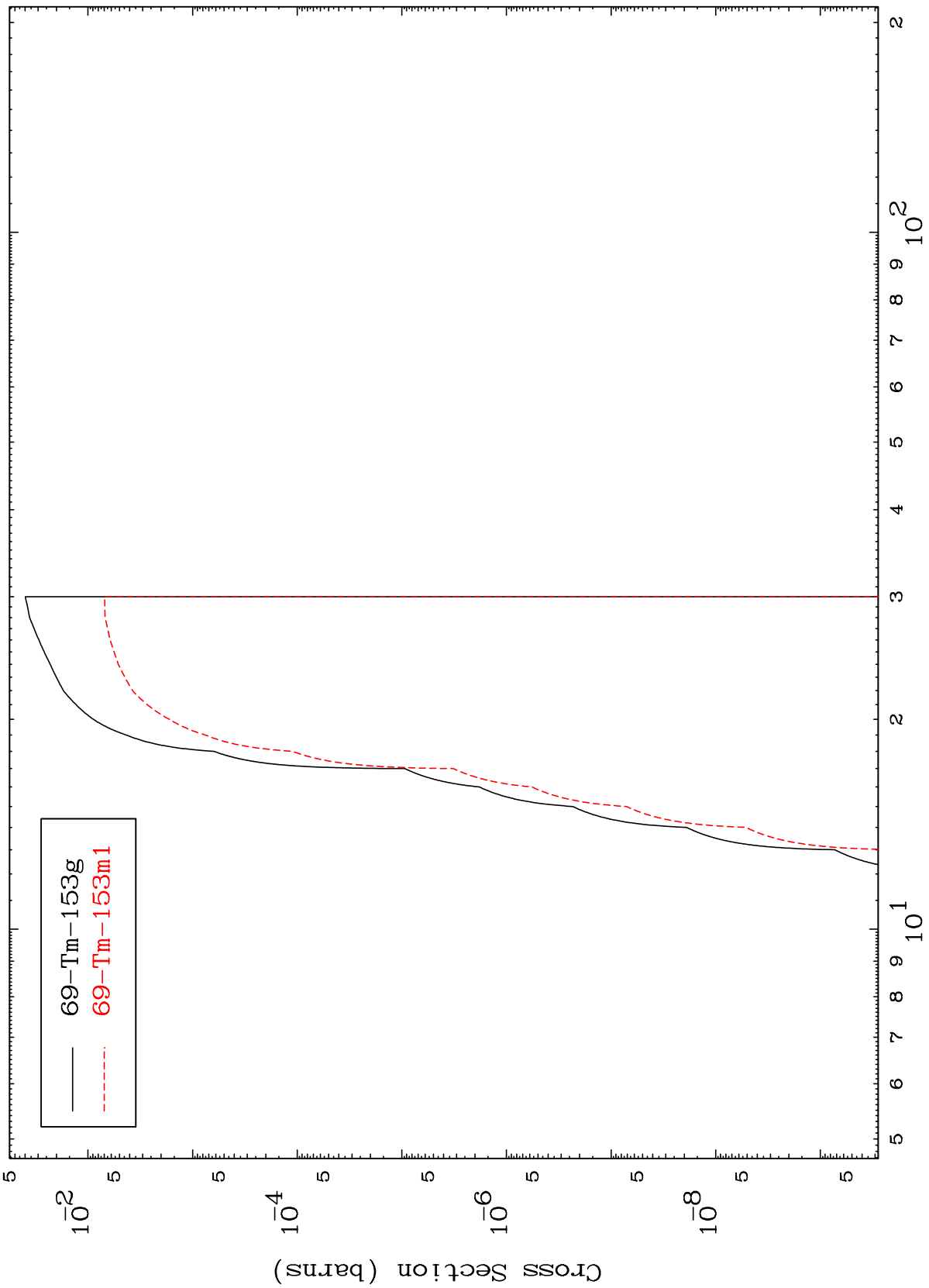
— 65-Tb-146g
- - - 65-Tb-146m2

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(n,2n) α

70-Yb-157

Radionuclide Production Cross Section



16

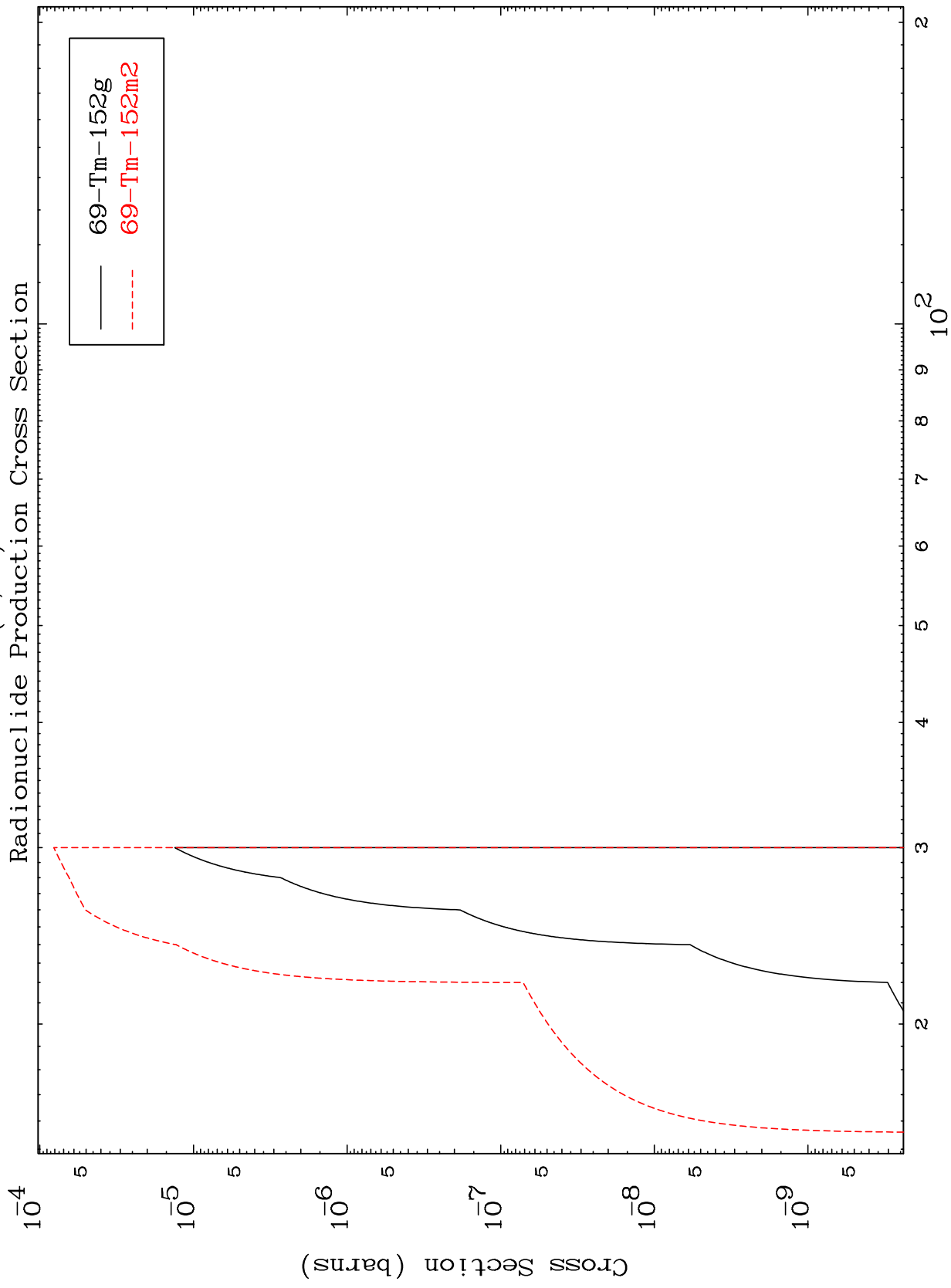
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,3n) α

70-Yb-157



17

Incident Energy (MeV)

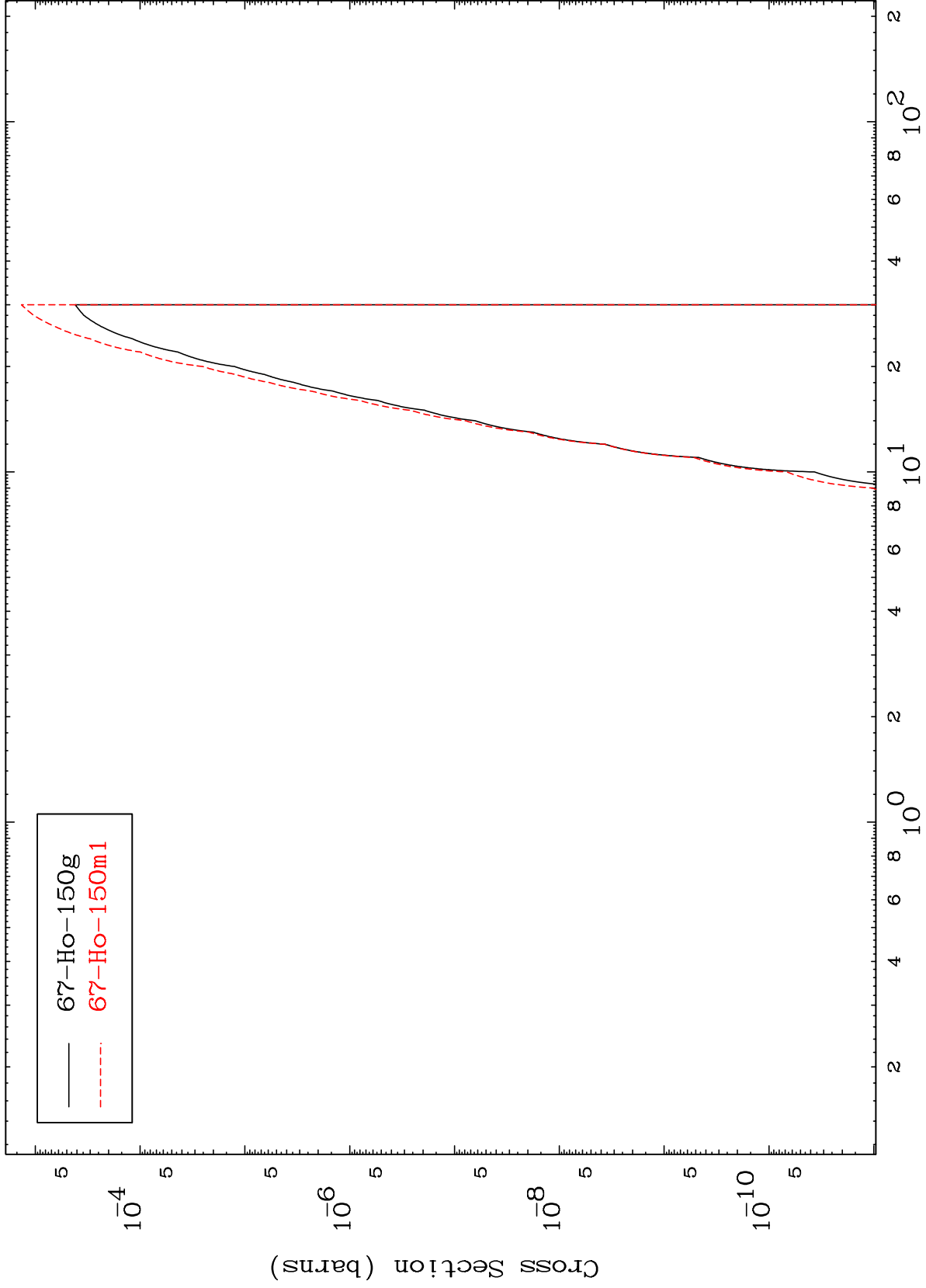
70-Yb-157

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(n,n') 2α

70-Yb-157

Radionuclide Production Cross Section



18

Incident Energy (MeV)

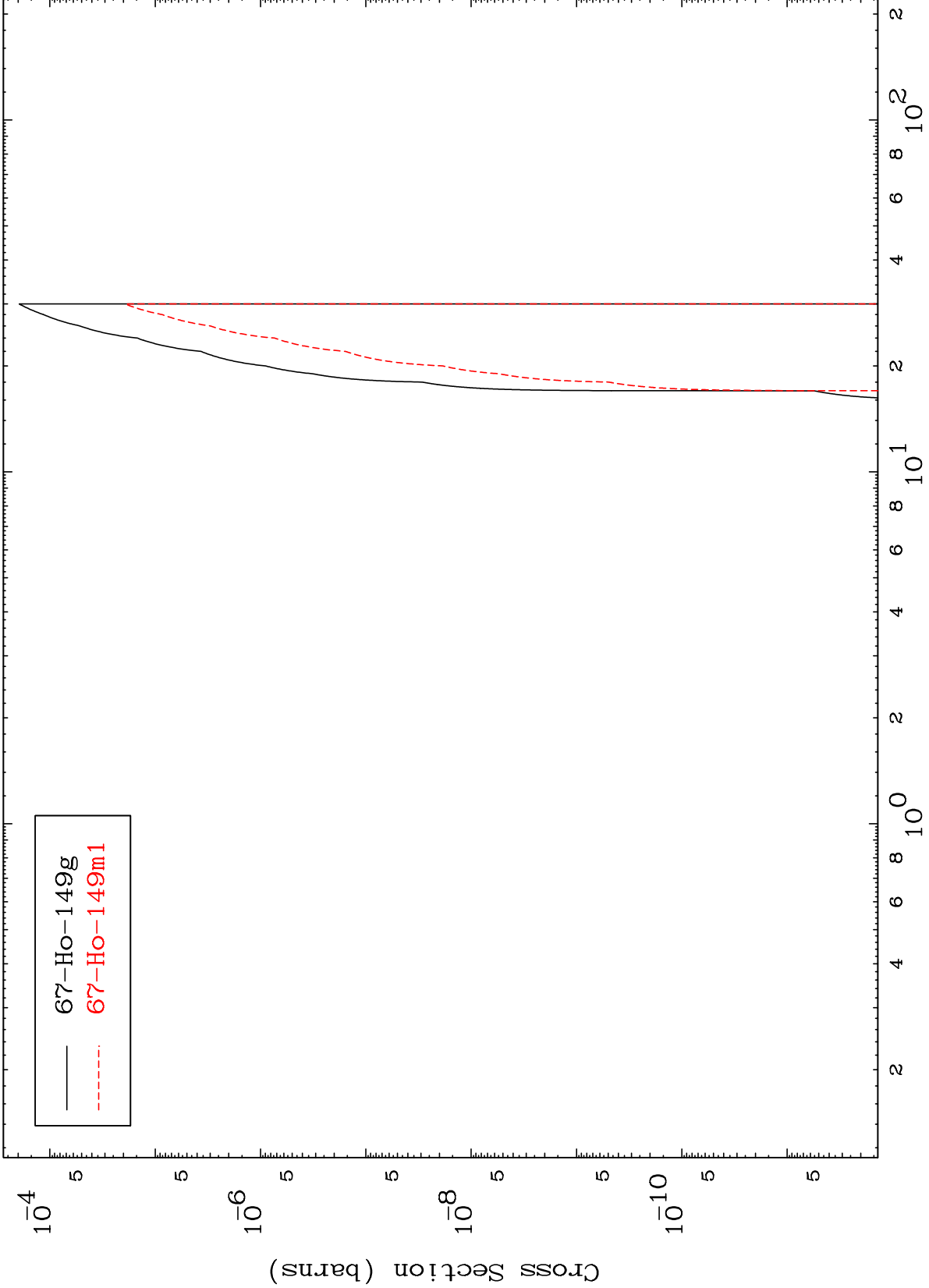
70-Yb-157

MAT 6992

(n,2n) 2 α

70-Yb-157

Radionuclide Production Cross Section

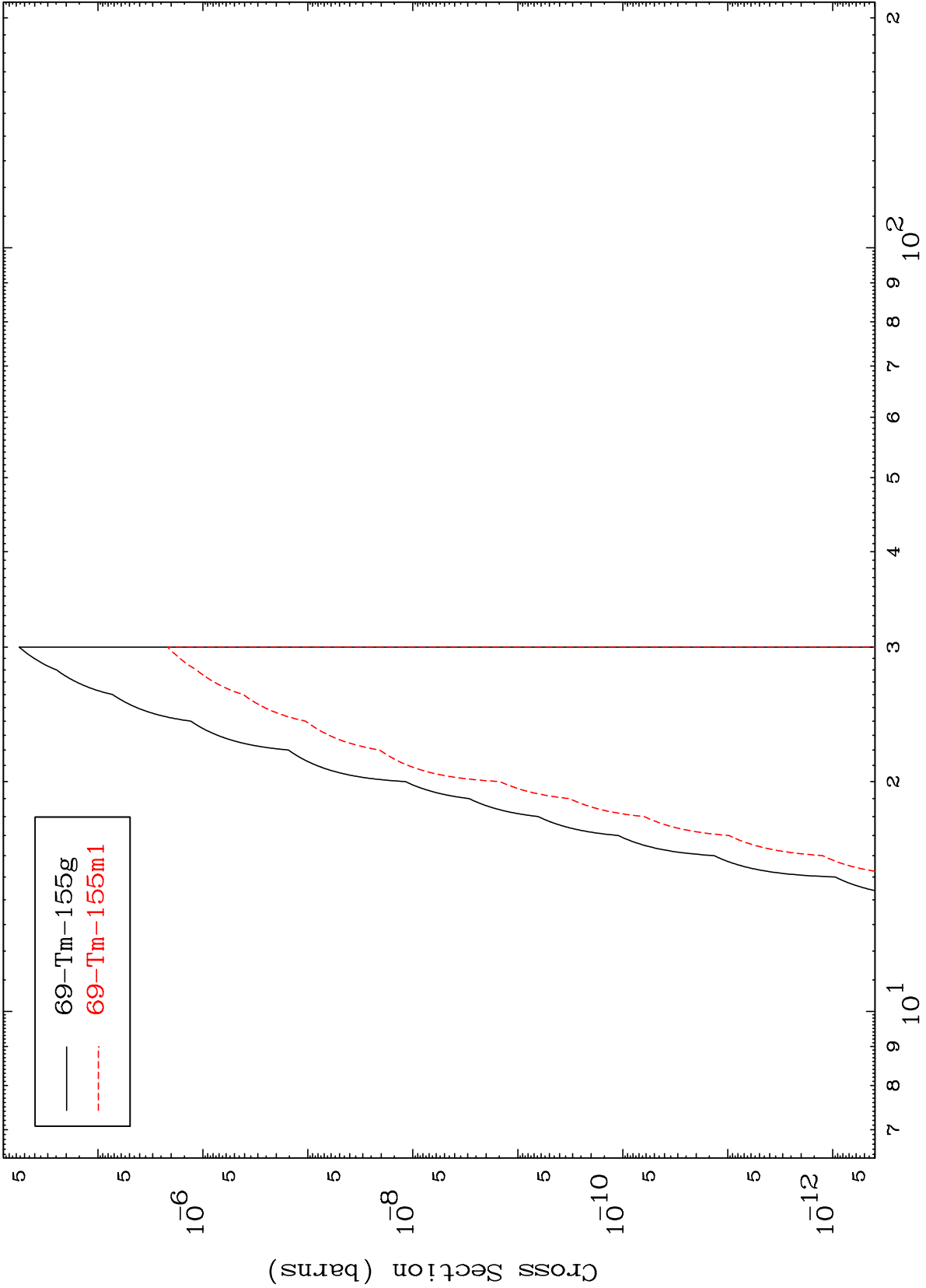


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(n,n') He-3

70-Yb-157

Radionuclide Production Cross Section



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

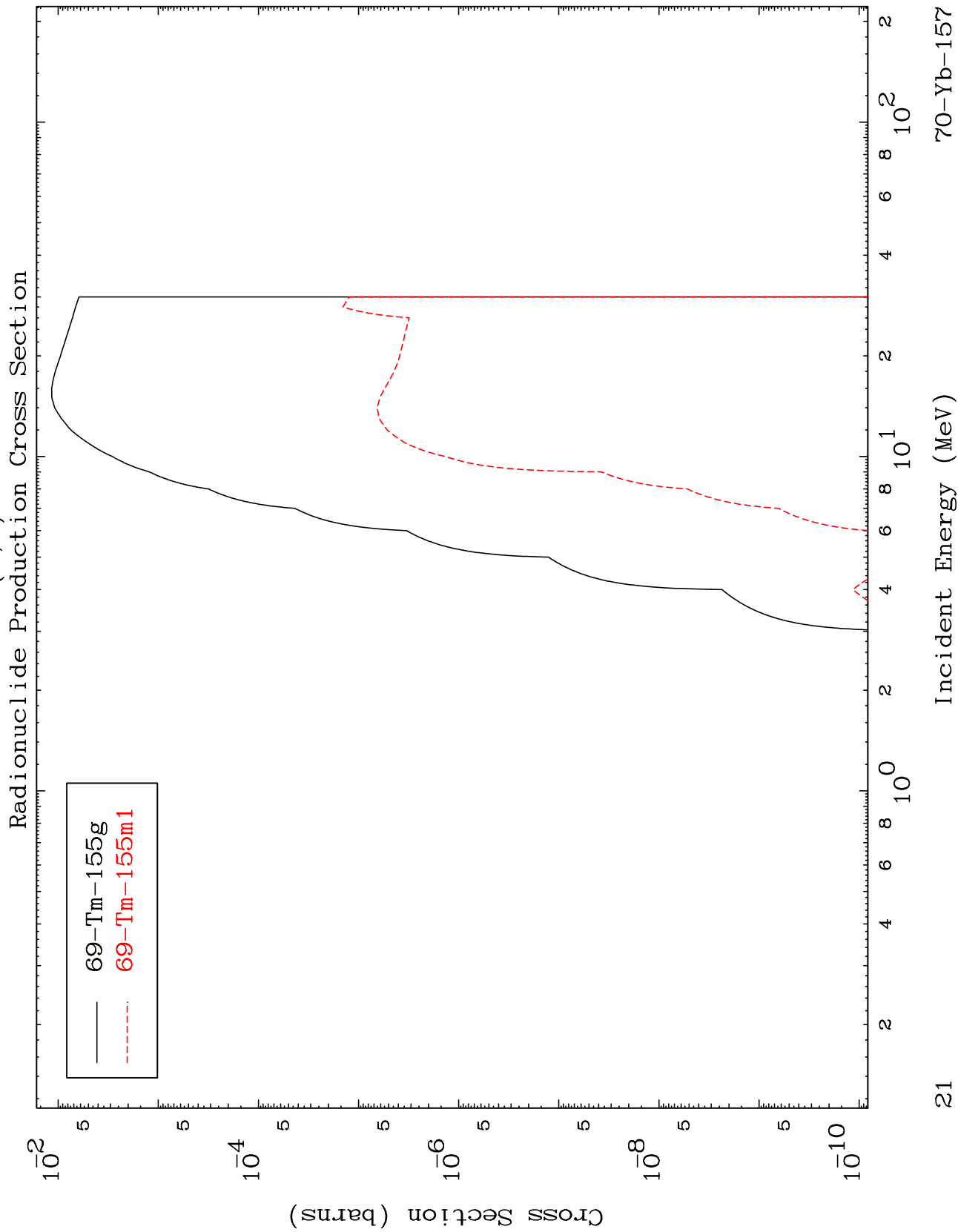
20

Incident Energy (MeV)

70-Yb-157

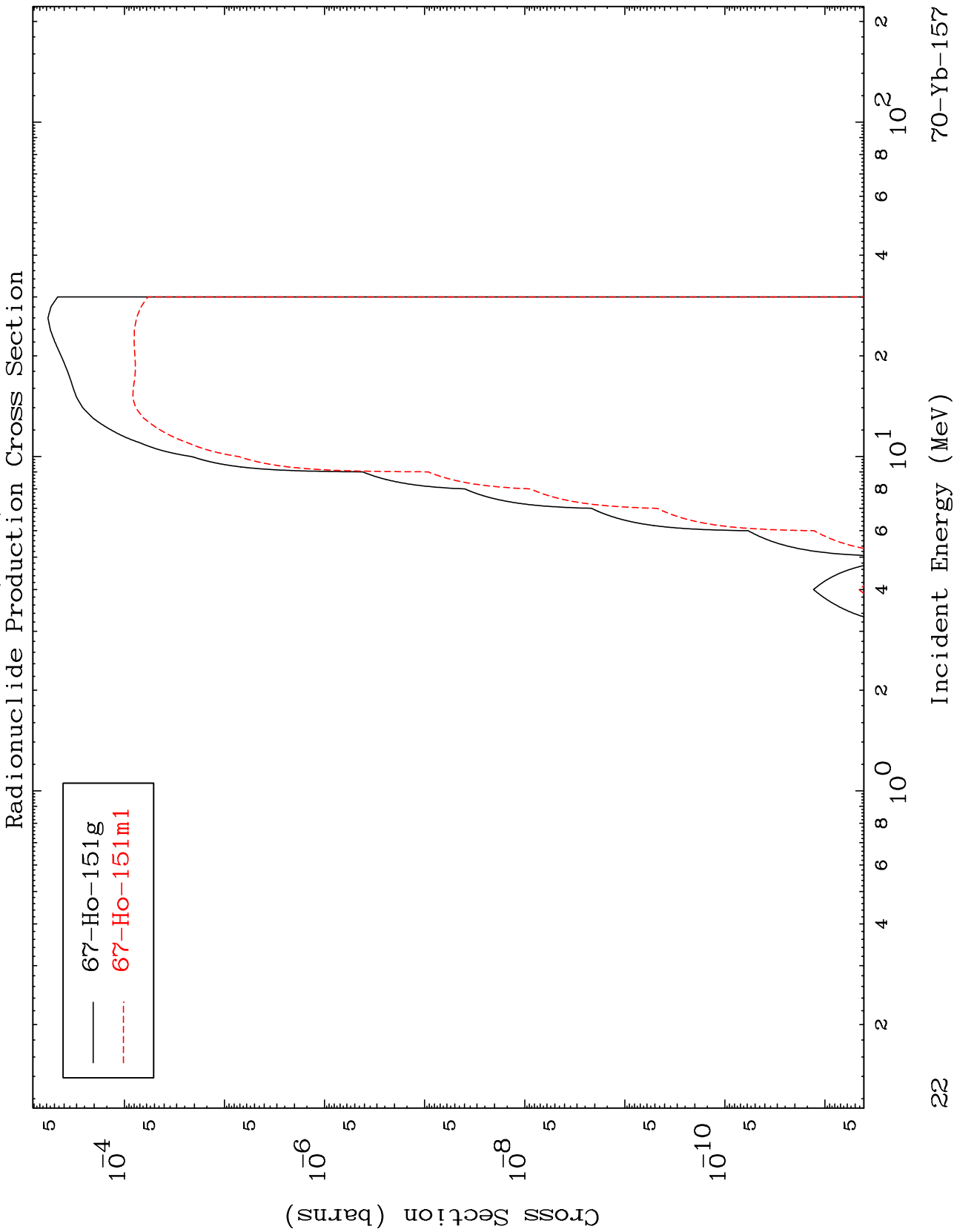
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70-Yb-157



MAT 6992

70-Yb-157

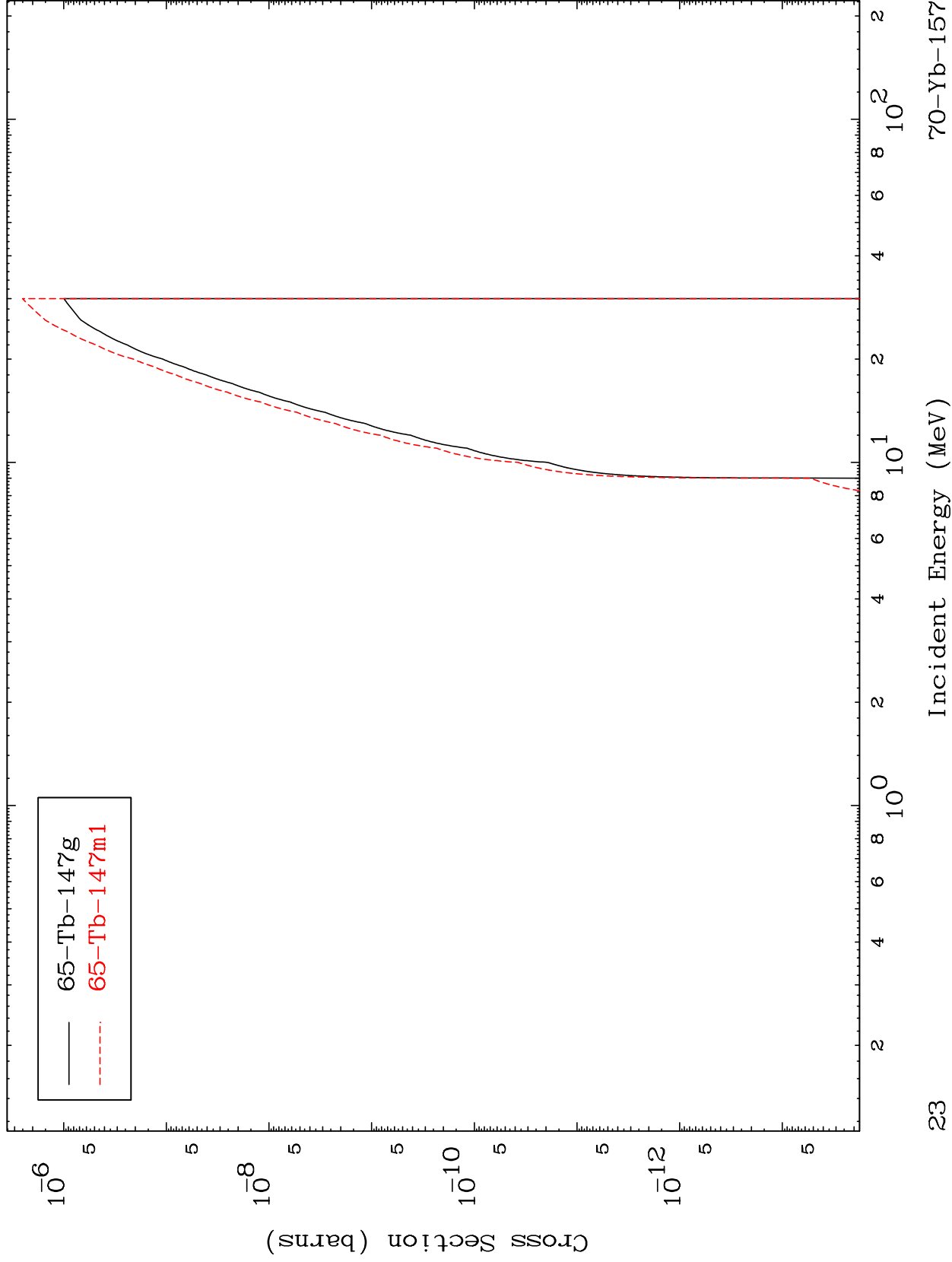


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(n, 3 α)

70-Yb-157

Radionuclide Production Cross Section

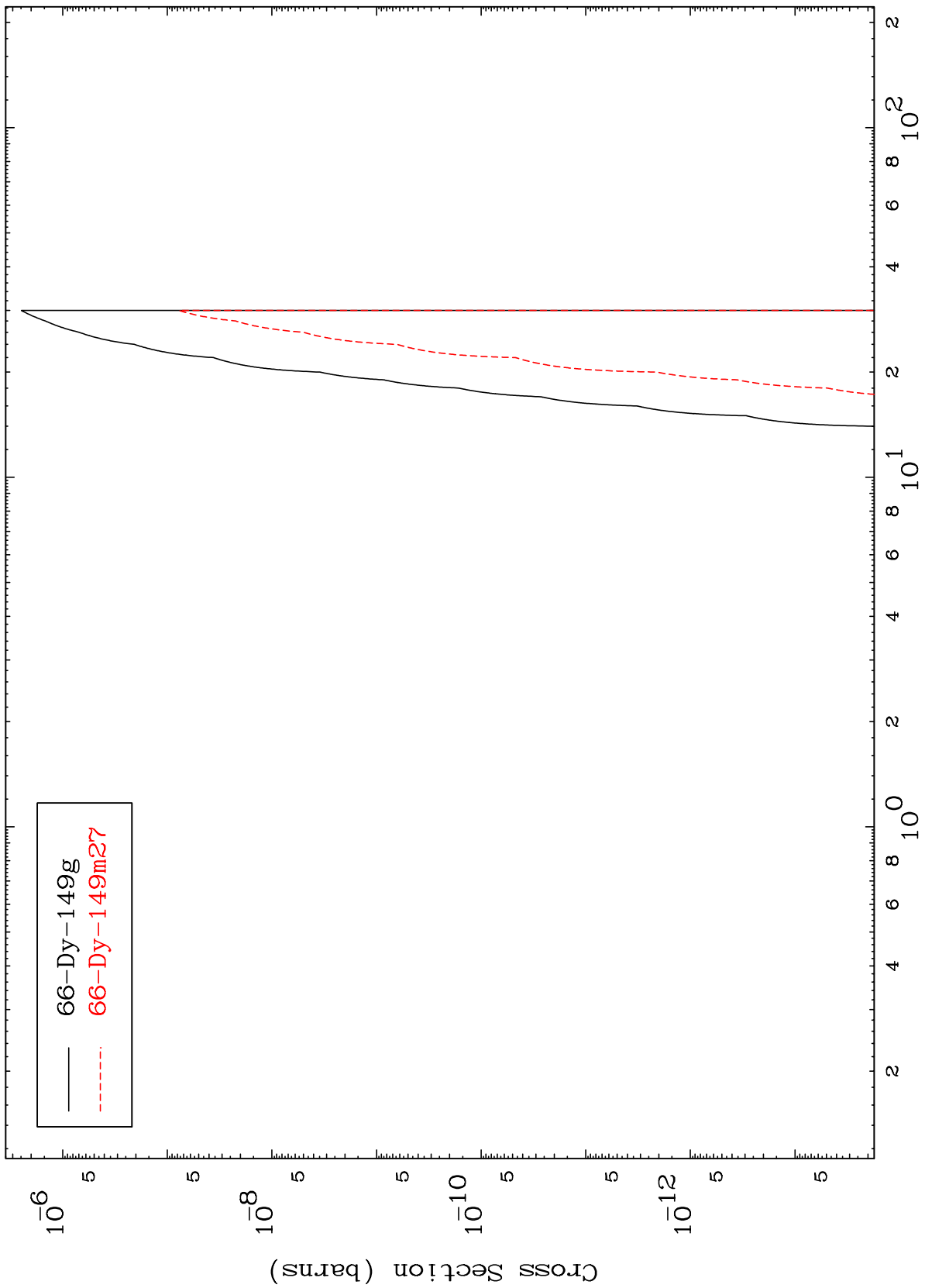


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(n,d) 2α

$^{70}\text{Yb-157}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

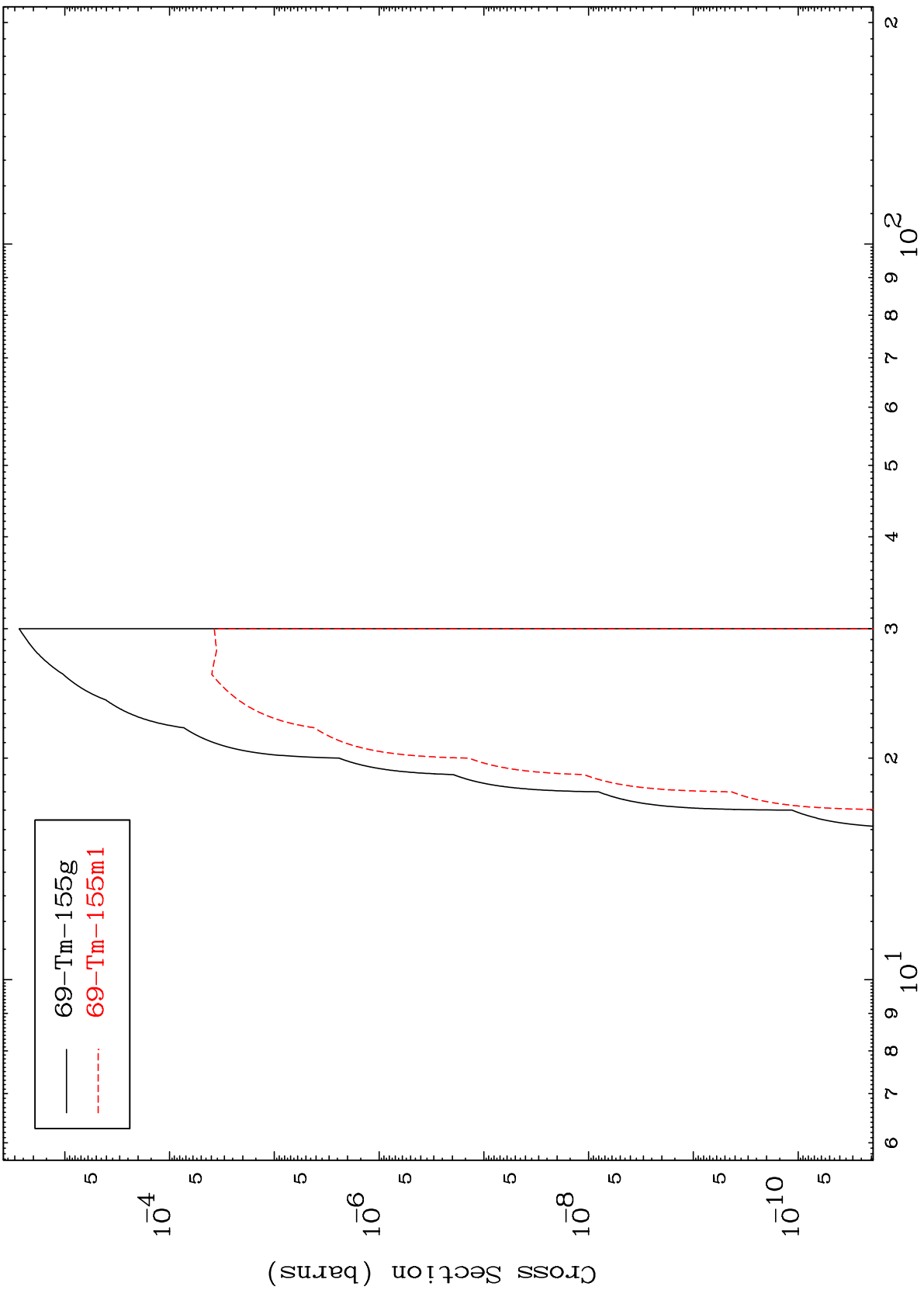
$^{70}\text{Yb-157}$

MAT 6992

(n,p) t

70-Yb-157

Radionuclide Production Cross Section



25

Incident Energy (MeV)

70-Yb-157