

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

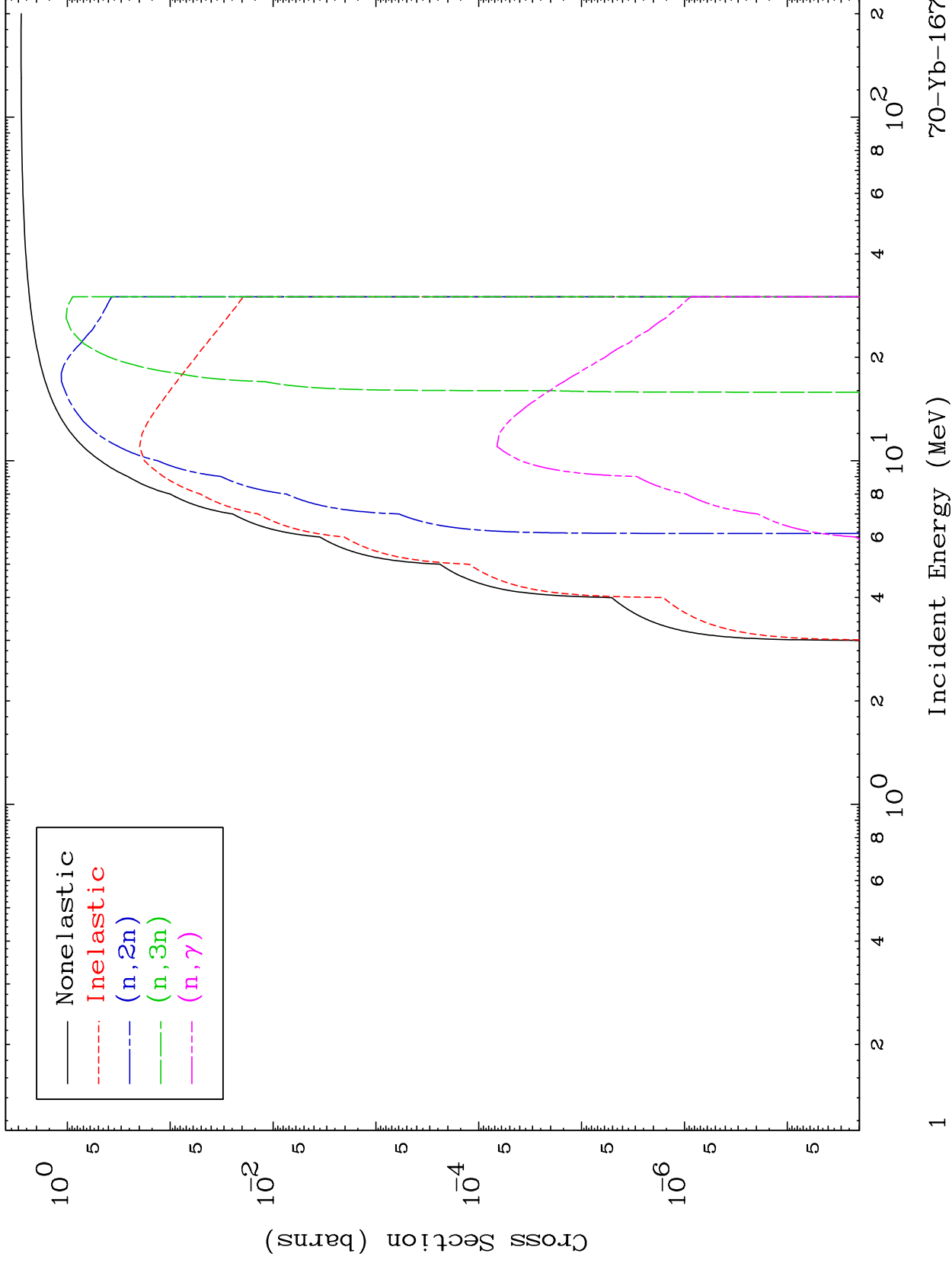
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Web:redcullen1.net/HOMEPAGE.NEW

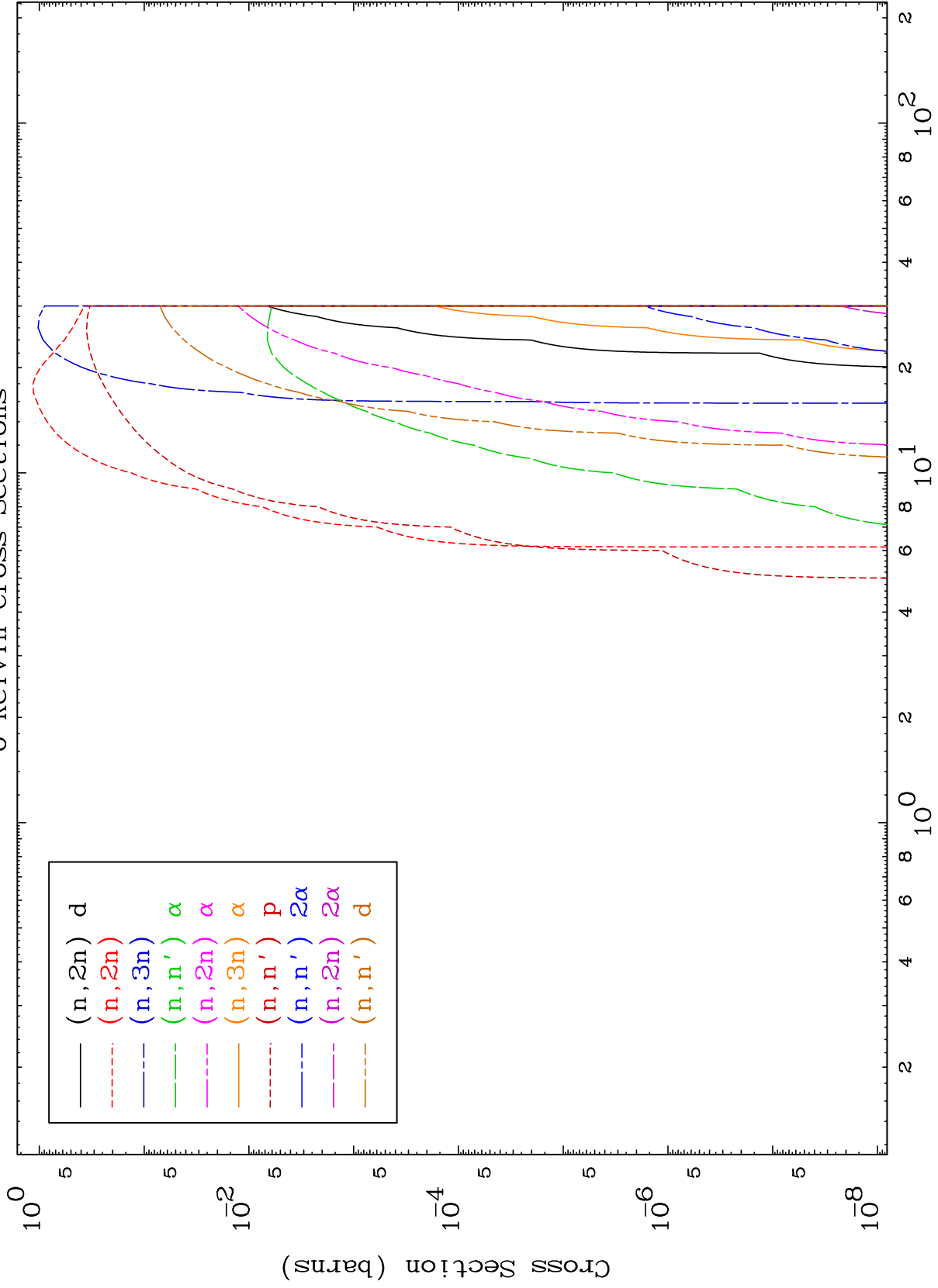
Press Mouse Button to Start



MAT 7022

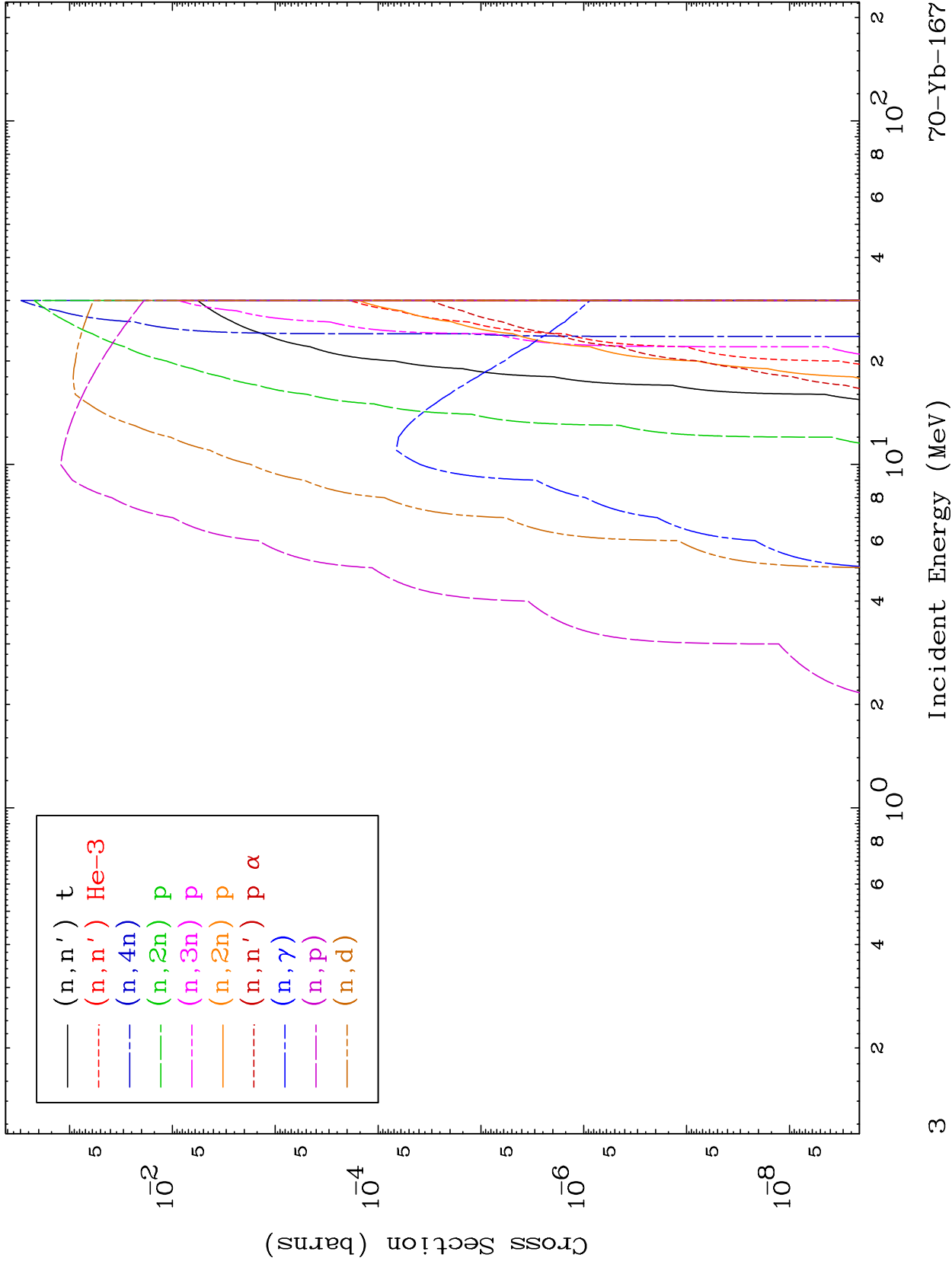
Deuteron Neutron Absorption
0 Kelvin Cross Sections

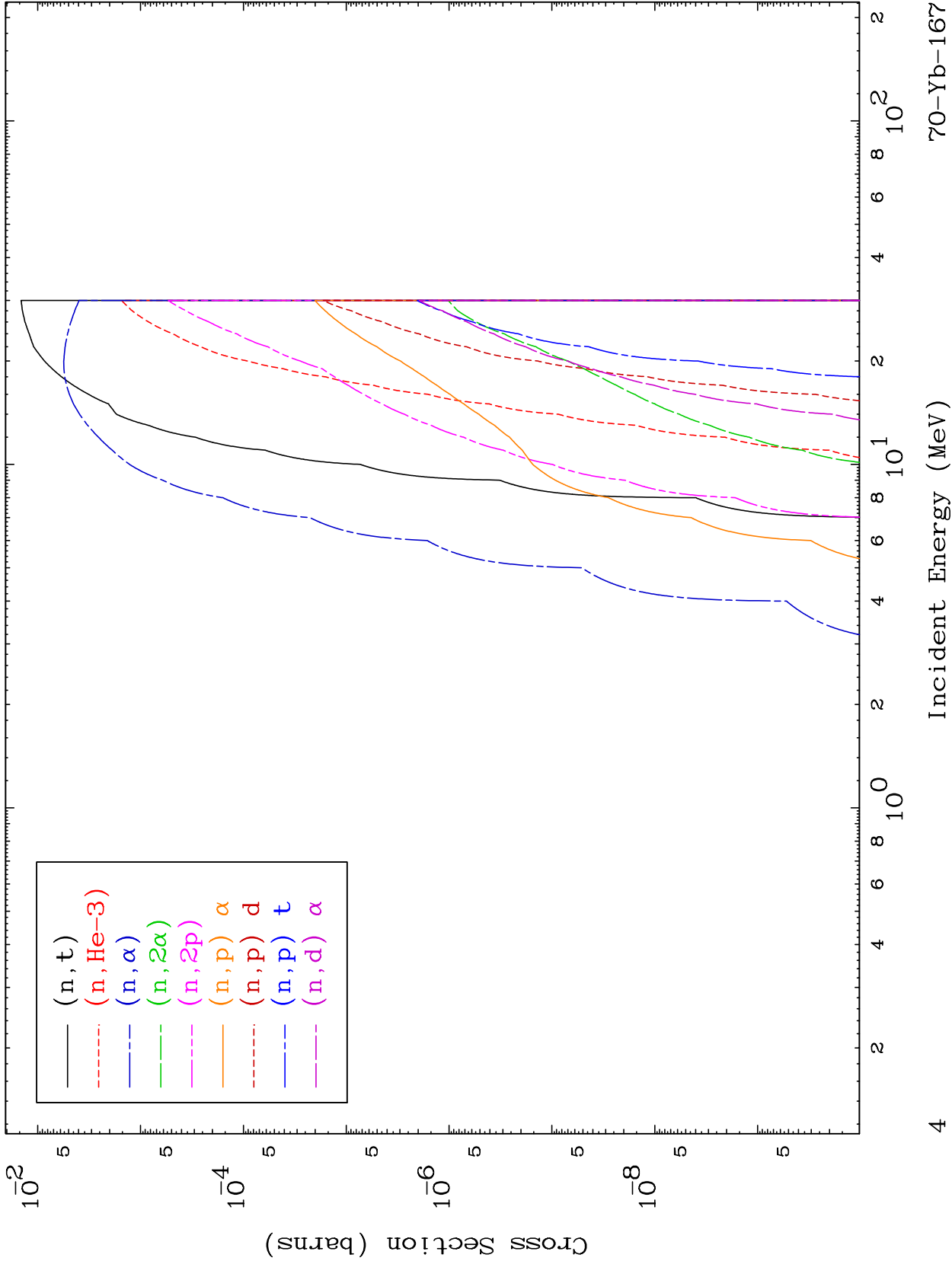
70-Yb-167

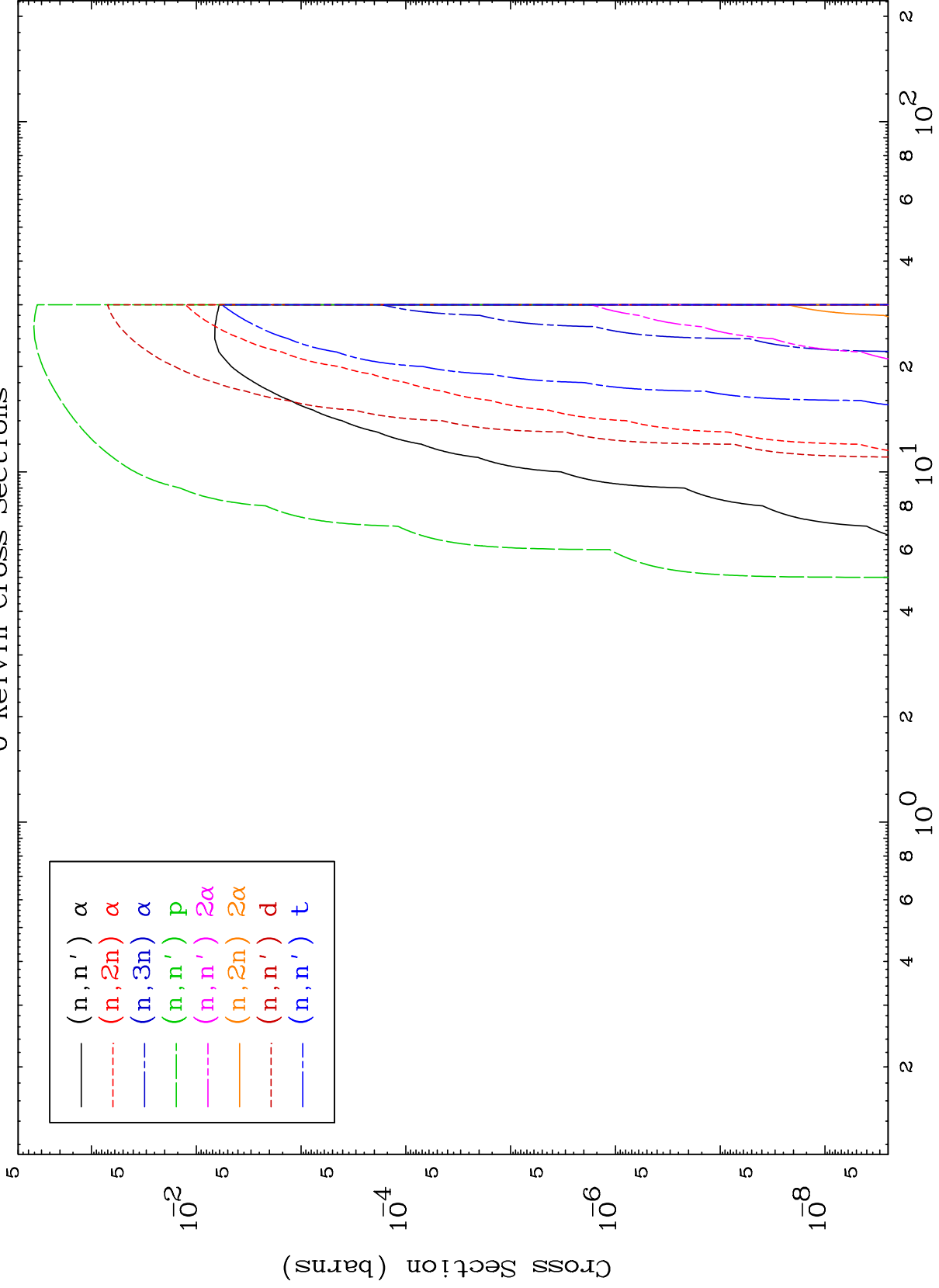


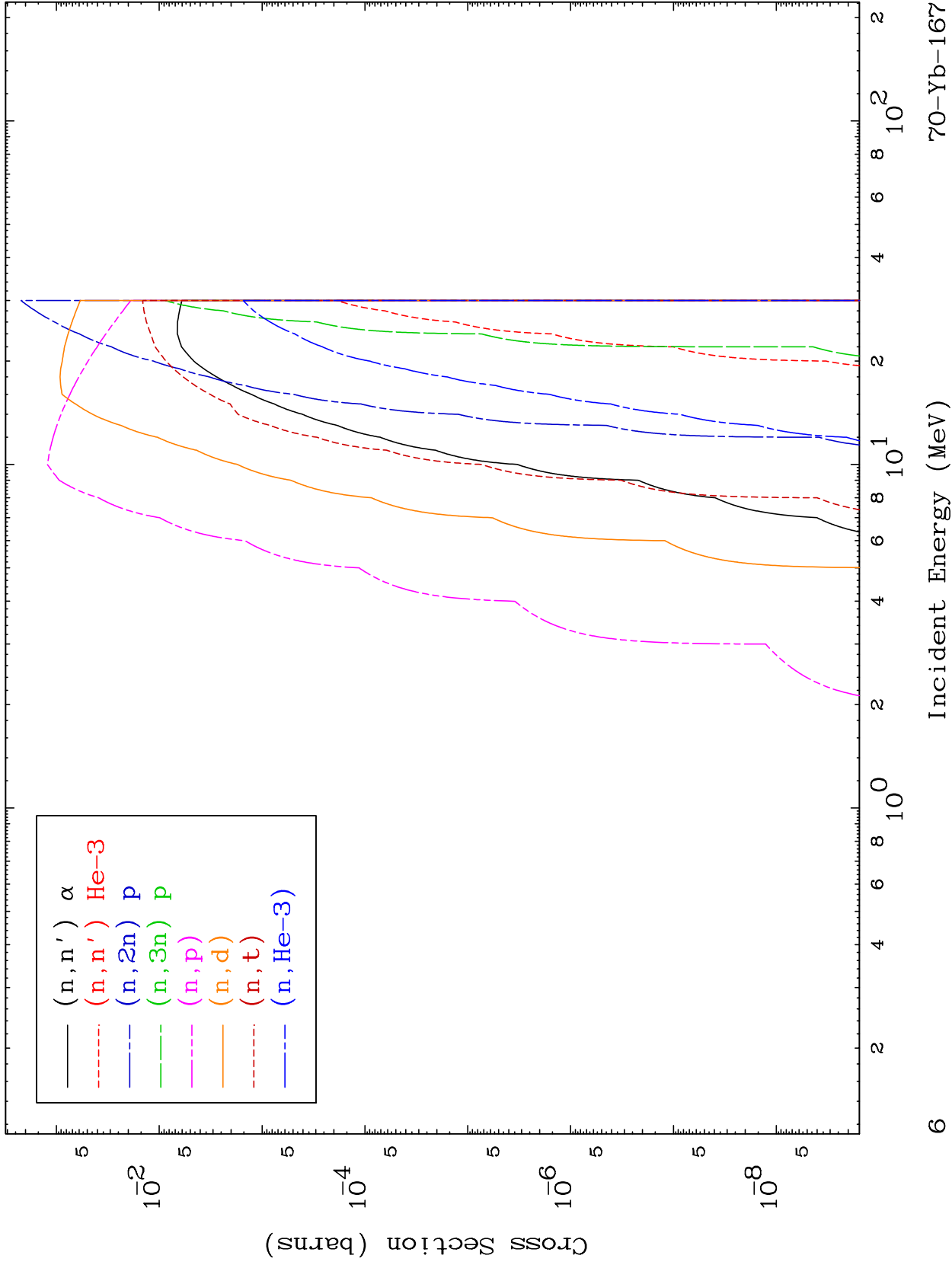
70-Yb-167

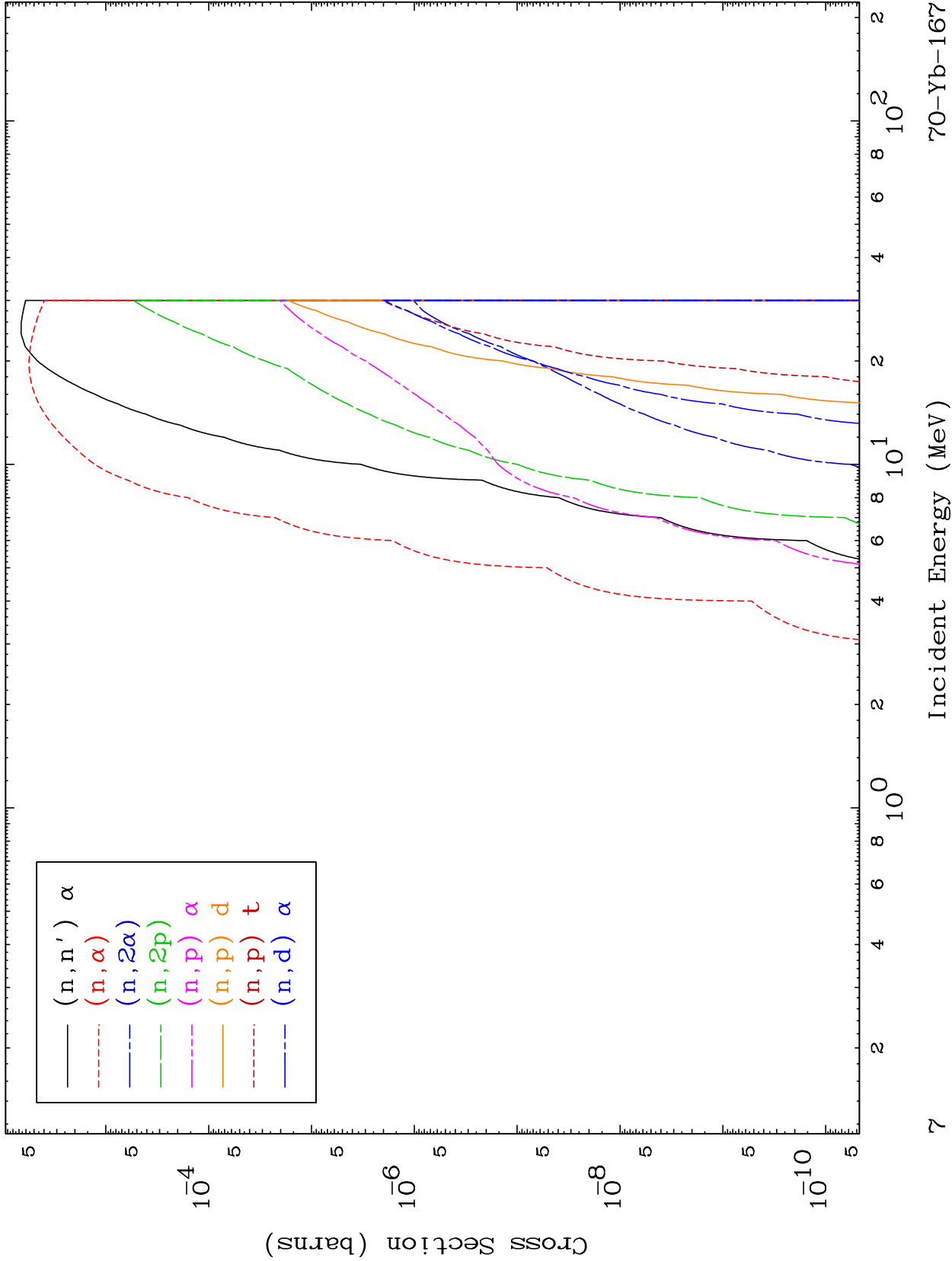
Incident Energy (MeV)







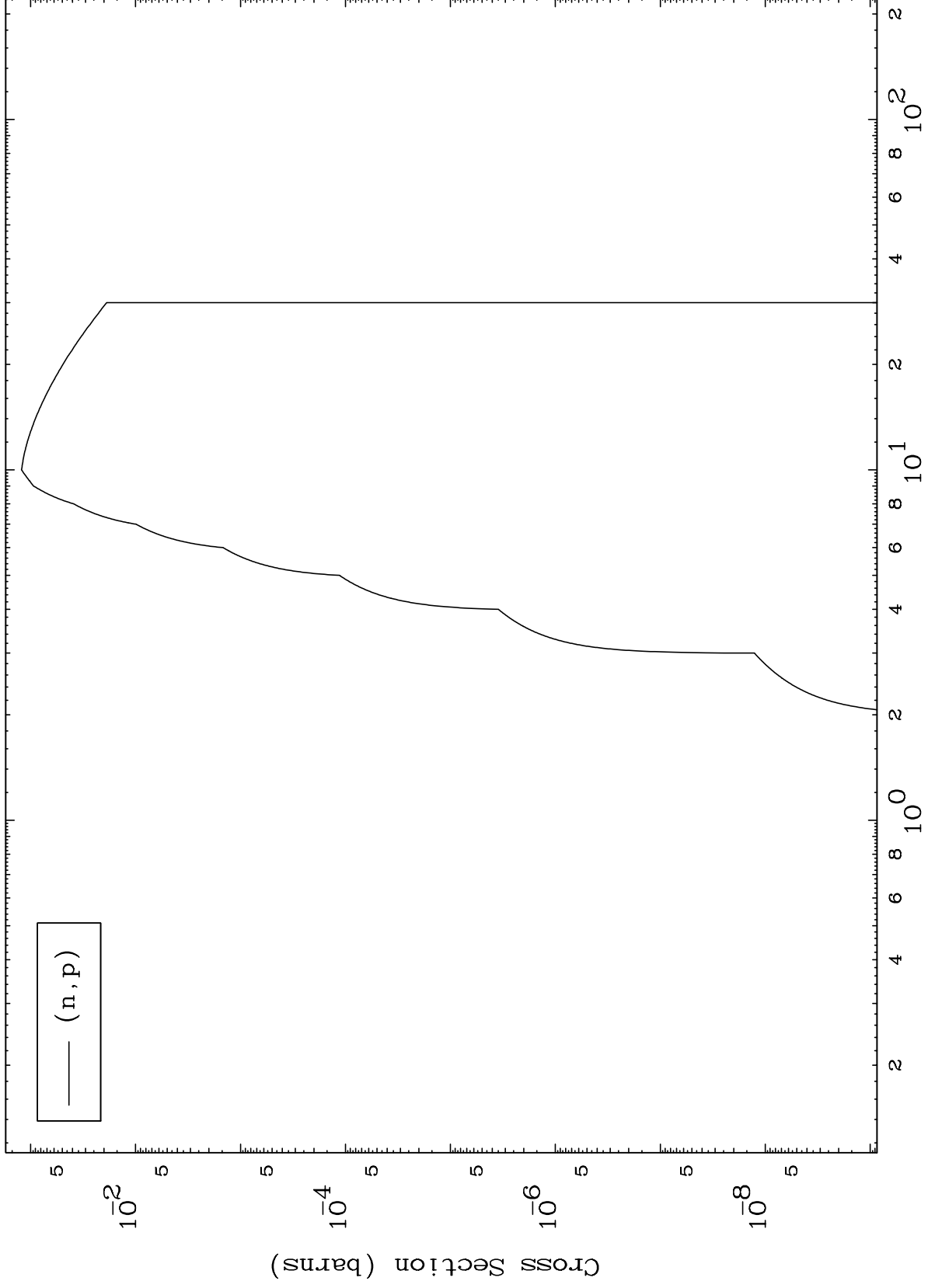




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(d,p) Levels
0 Kelvin Cross Sections

70-Yb-167

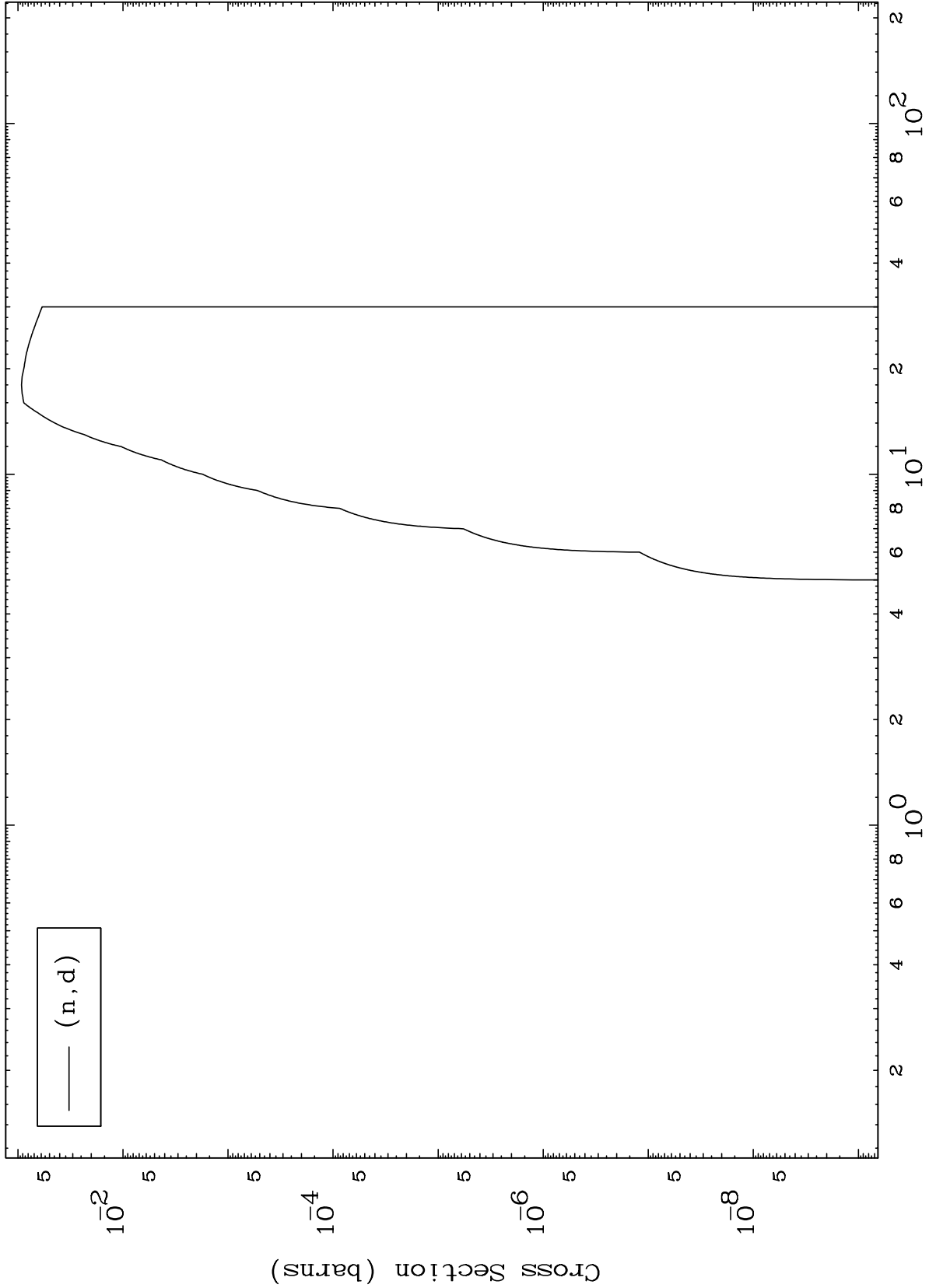


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(d,d) Levels

70-Yb-167

0 Kelvin Cross Sections

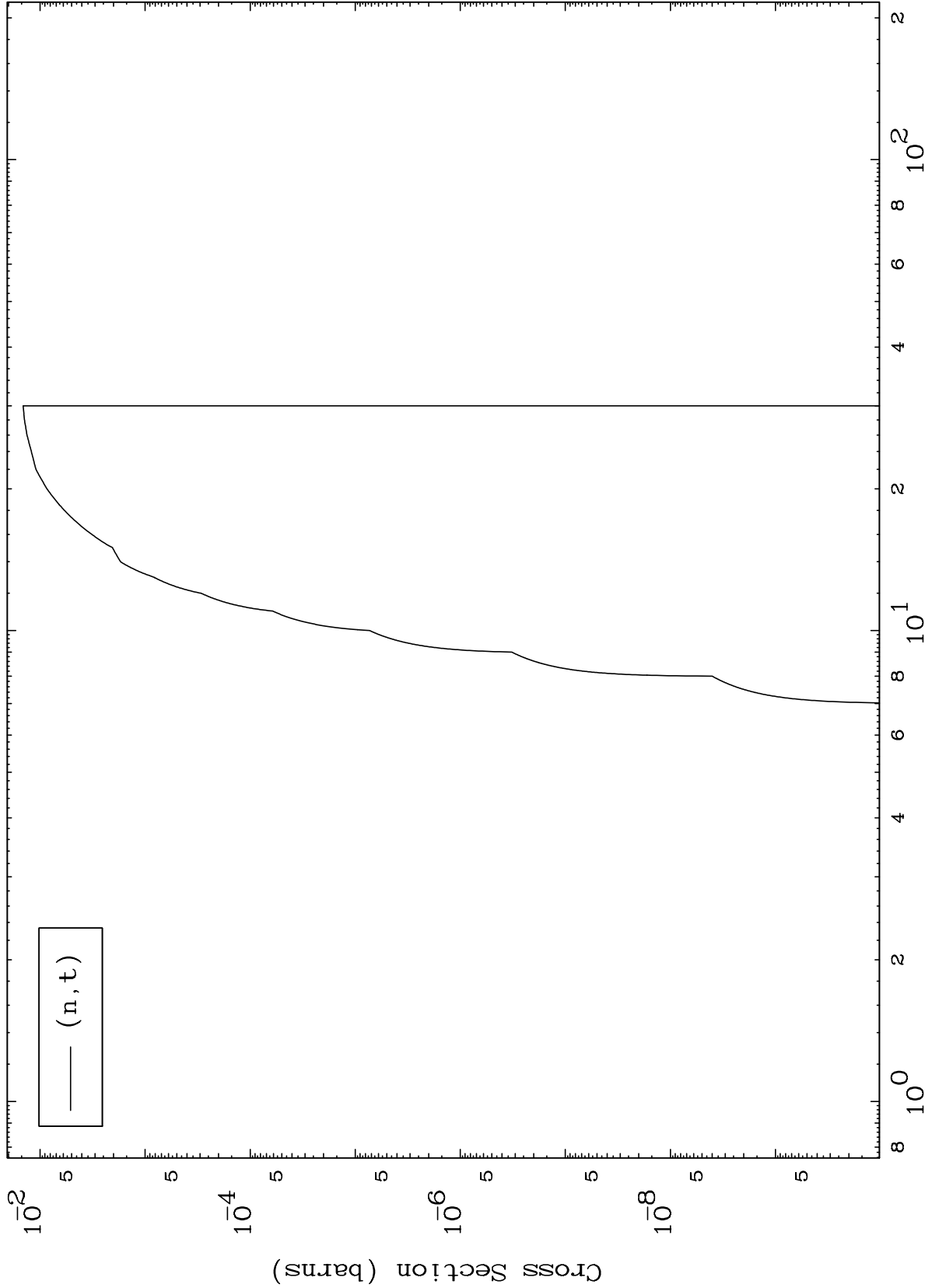


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(d, t) Levels

70-Yb-167

0 Kelvin Cross Sections



Incident Energy (MeV)

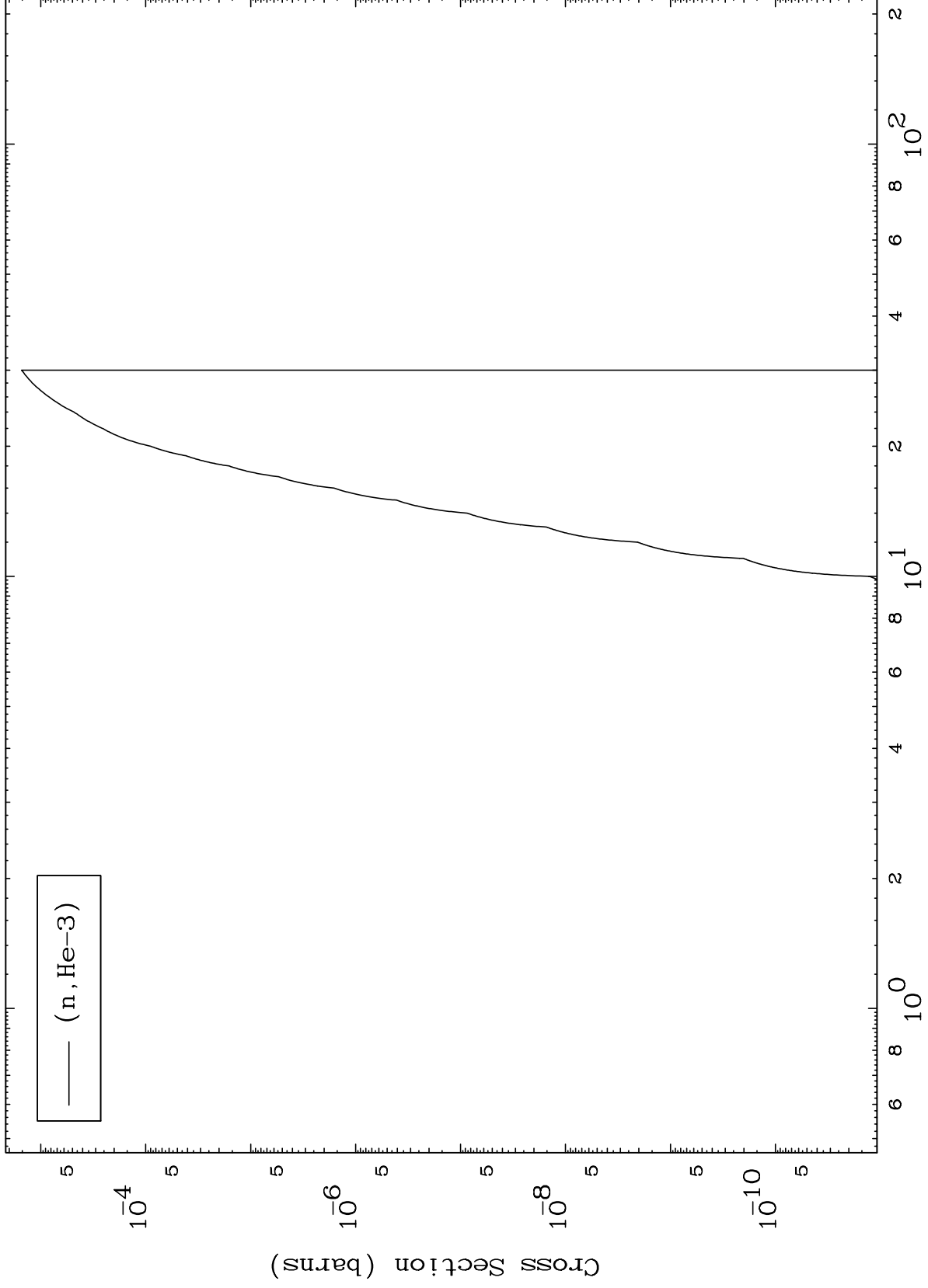
70-Yb-167

MAT 7022

(d,He3) Levels

70-Yb-167

0 Kelvin Cross Sections

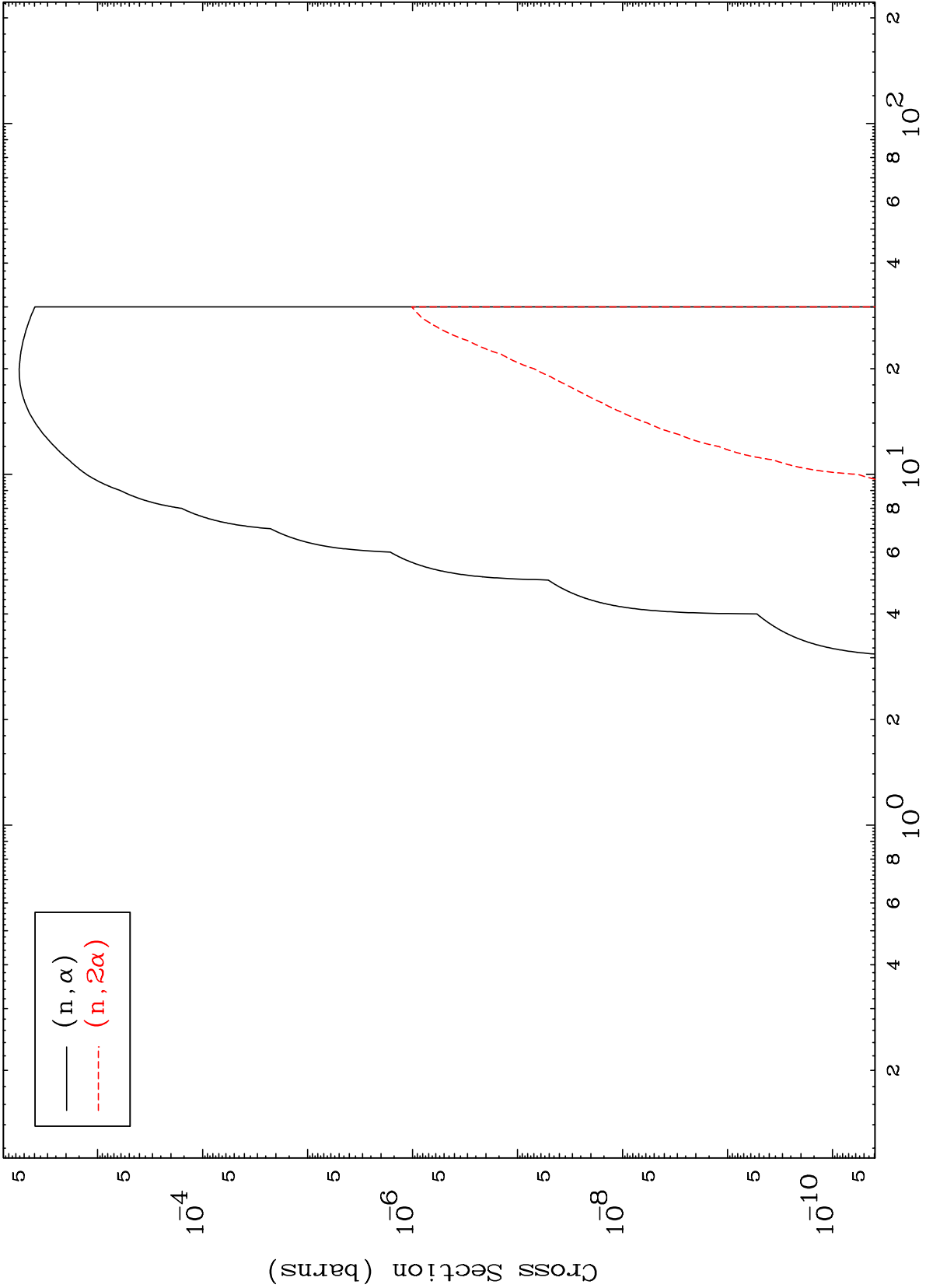


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(d, α) Levels

70-Yb-167

0 Kelvin Cross Sections

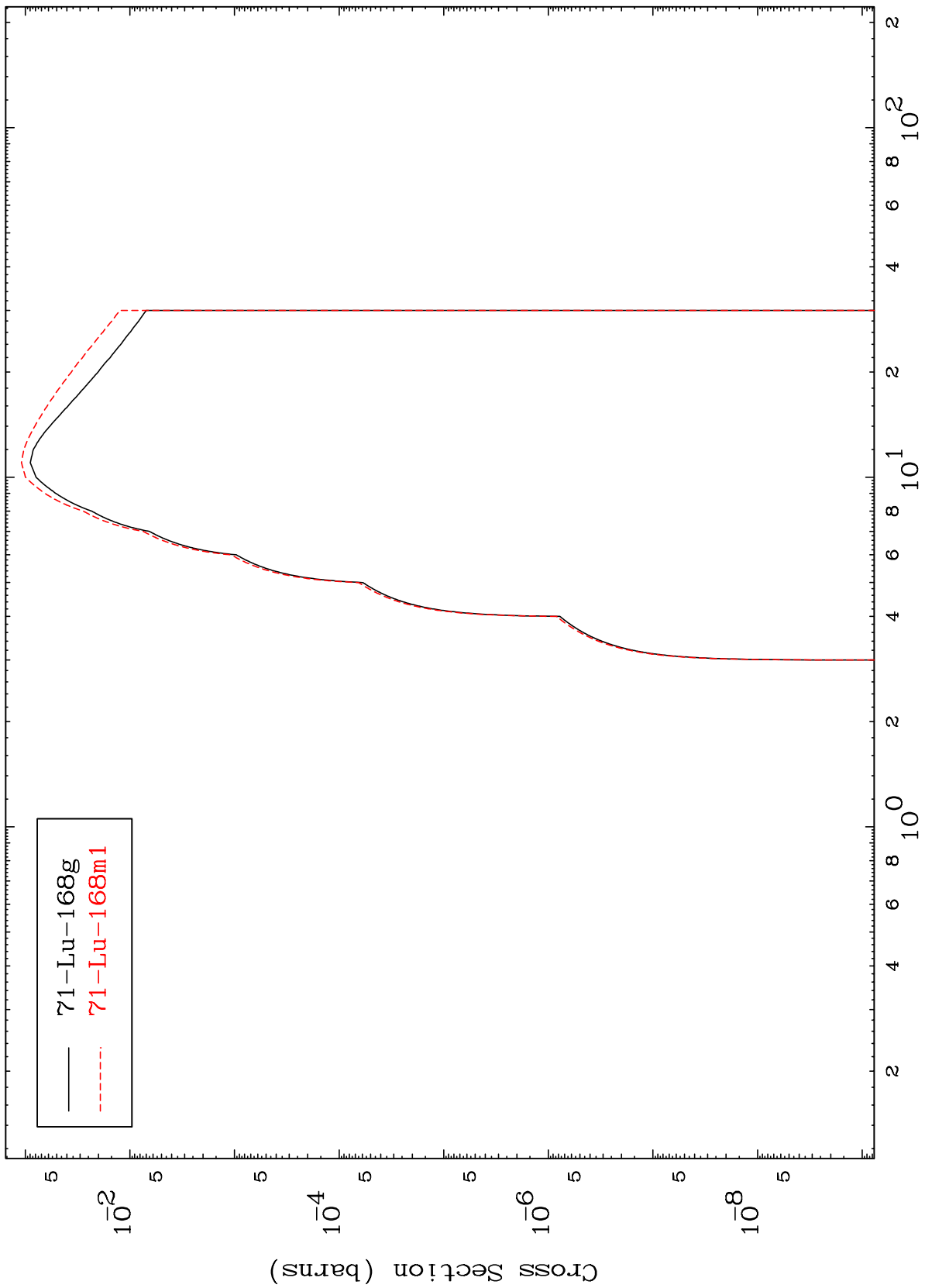


— (n, α)
- - - (n, 2α)

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70-Yb-167

Inelastic
Radionuclide Production Cross Section



70-Yb-167

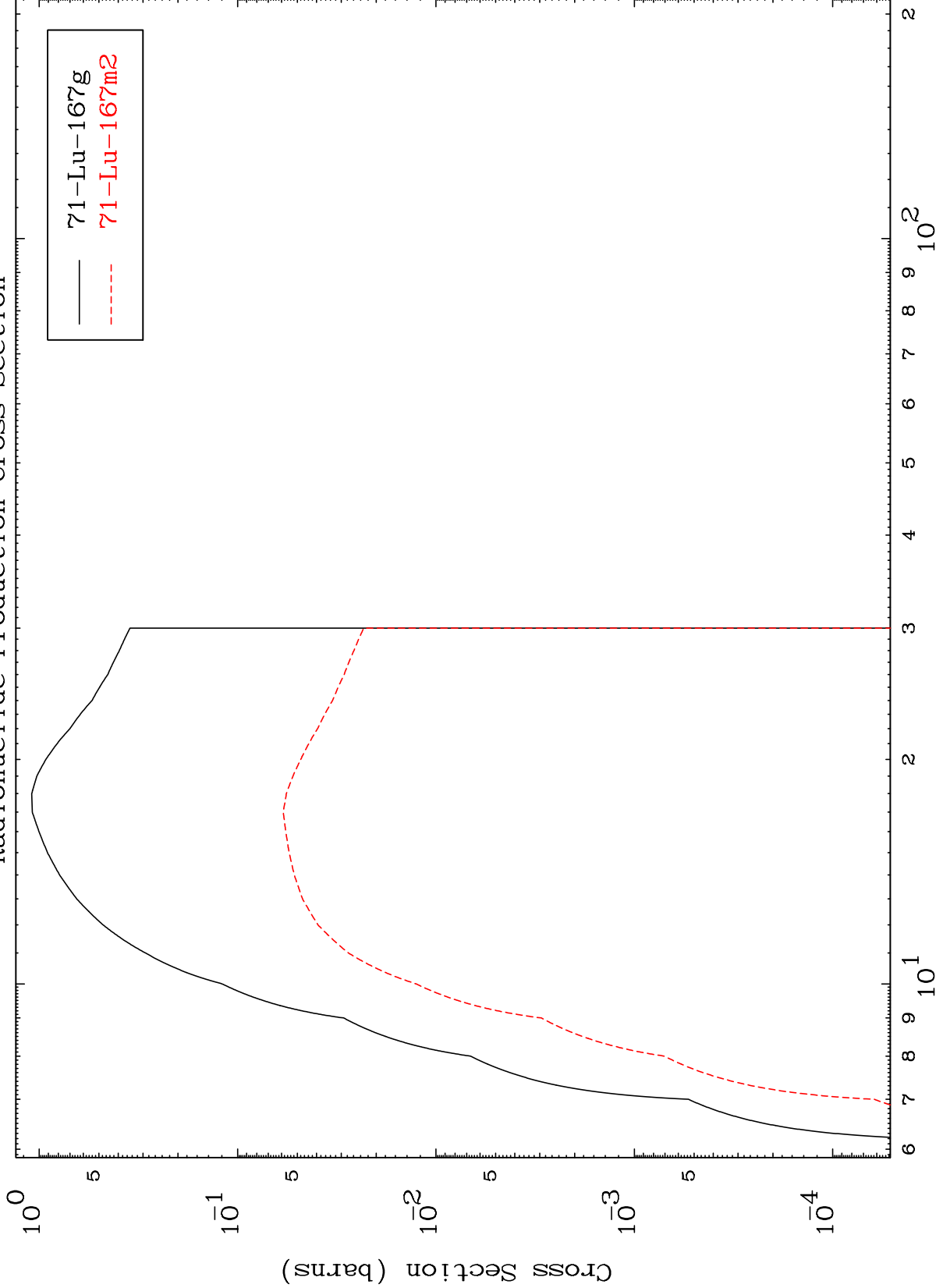
Incident Energy (MeV)

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(n,2n)

70-Yb-167

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m2

Incident Energy (MeV)

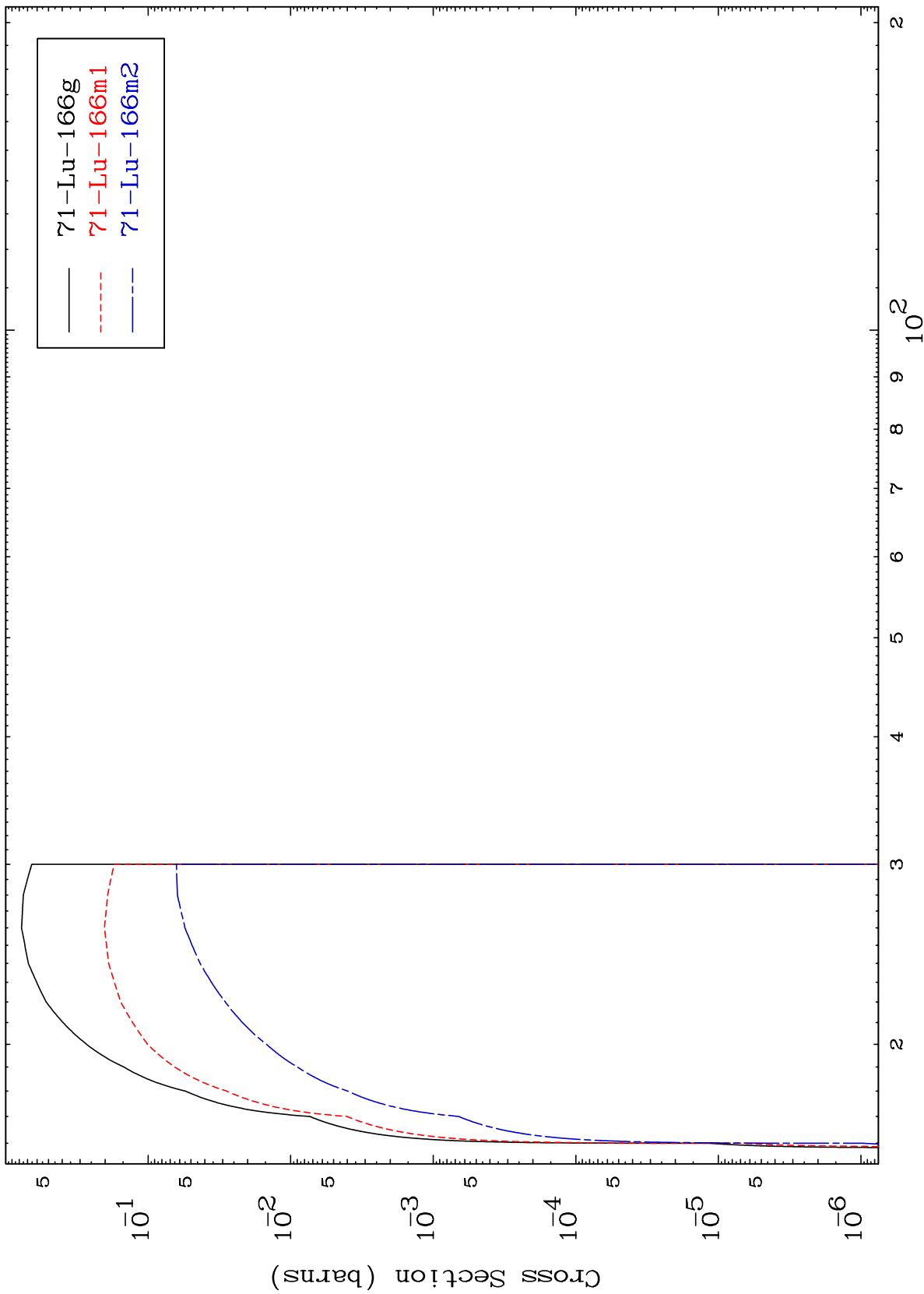
70-Yb-167

14

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70-Yb-167

(n,3n)
Radionuclide Production Cross Section



70-Yb-167

Incident Energy (MeV)

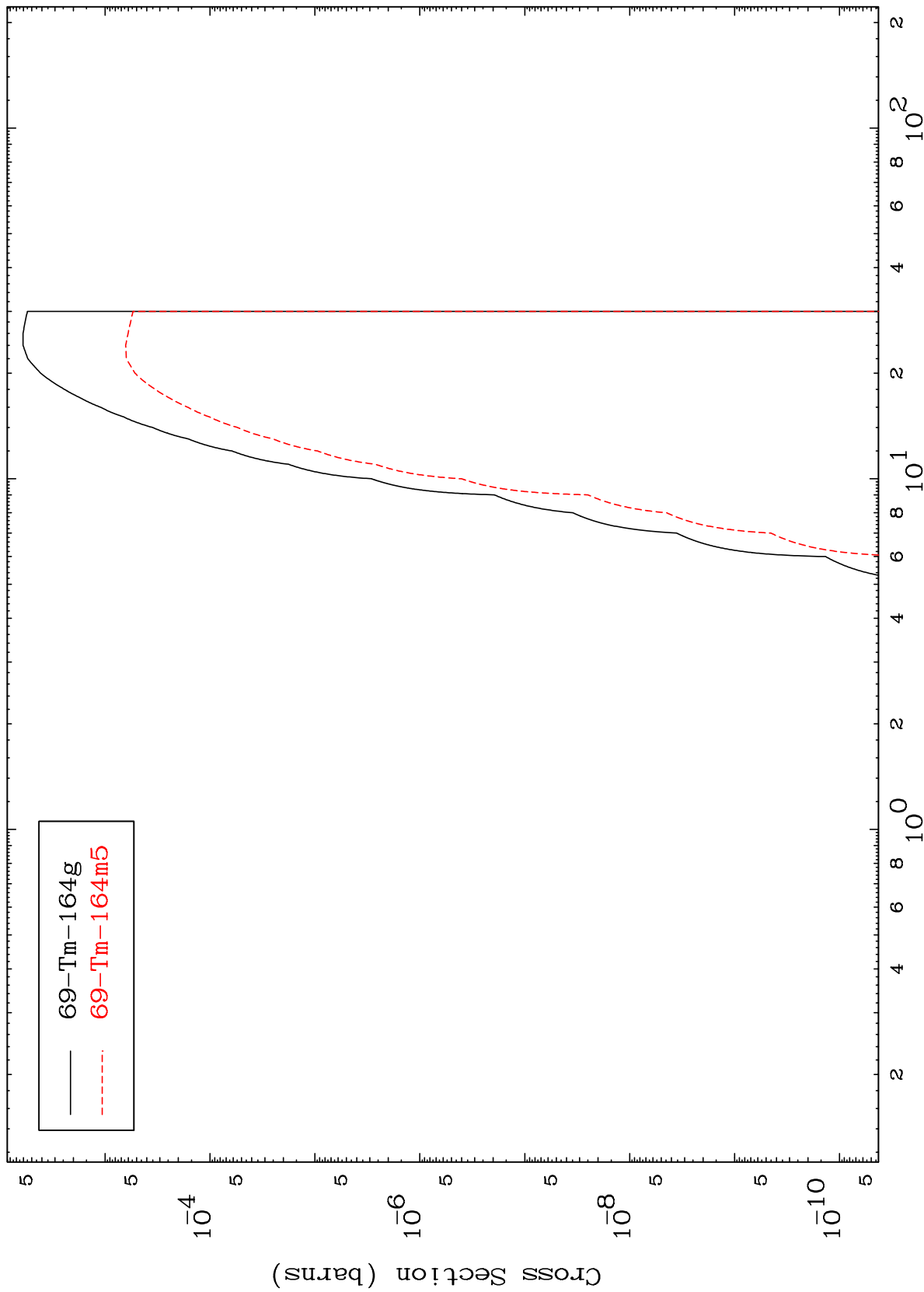
15

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$(n, n') \alpha$

70-Yb-167

Radionuclide Production Cross Section



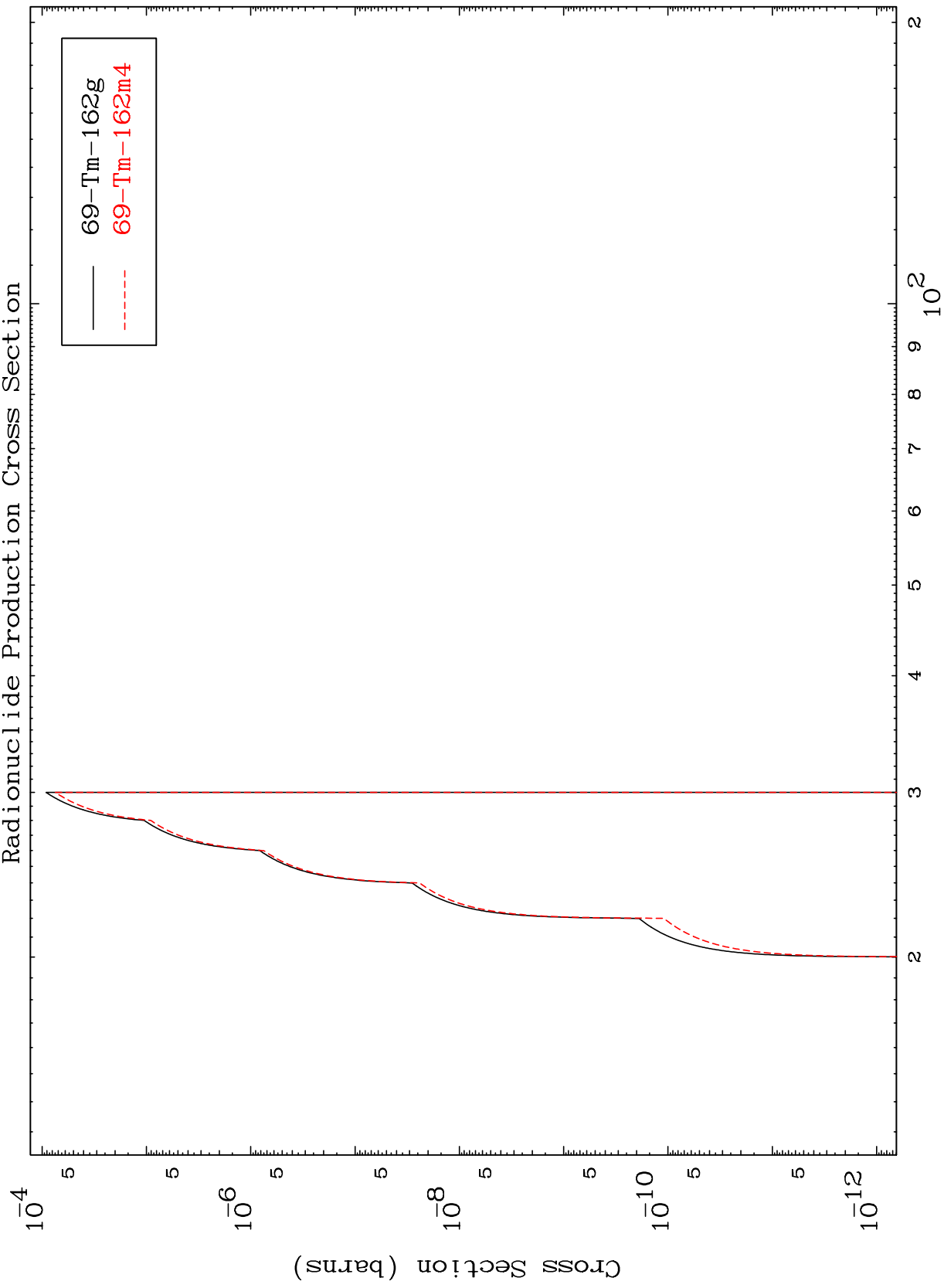
— 69-Tm-164g
- - - 69-Tm-164m5

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(n,3n) α

70-Yb-167

Radionuclide Production Cross Section



17

Incident Energy (MeV)

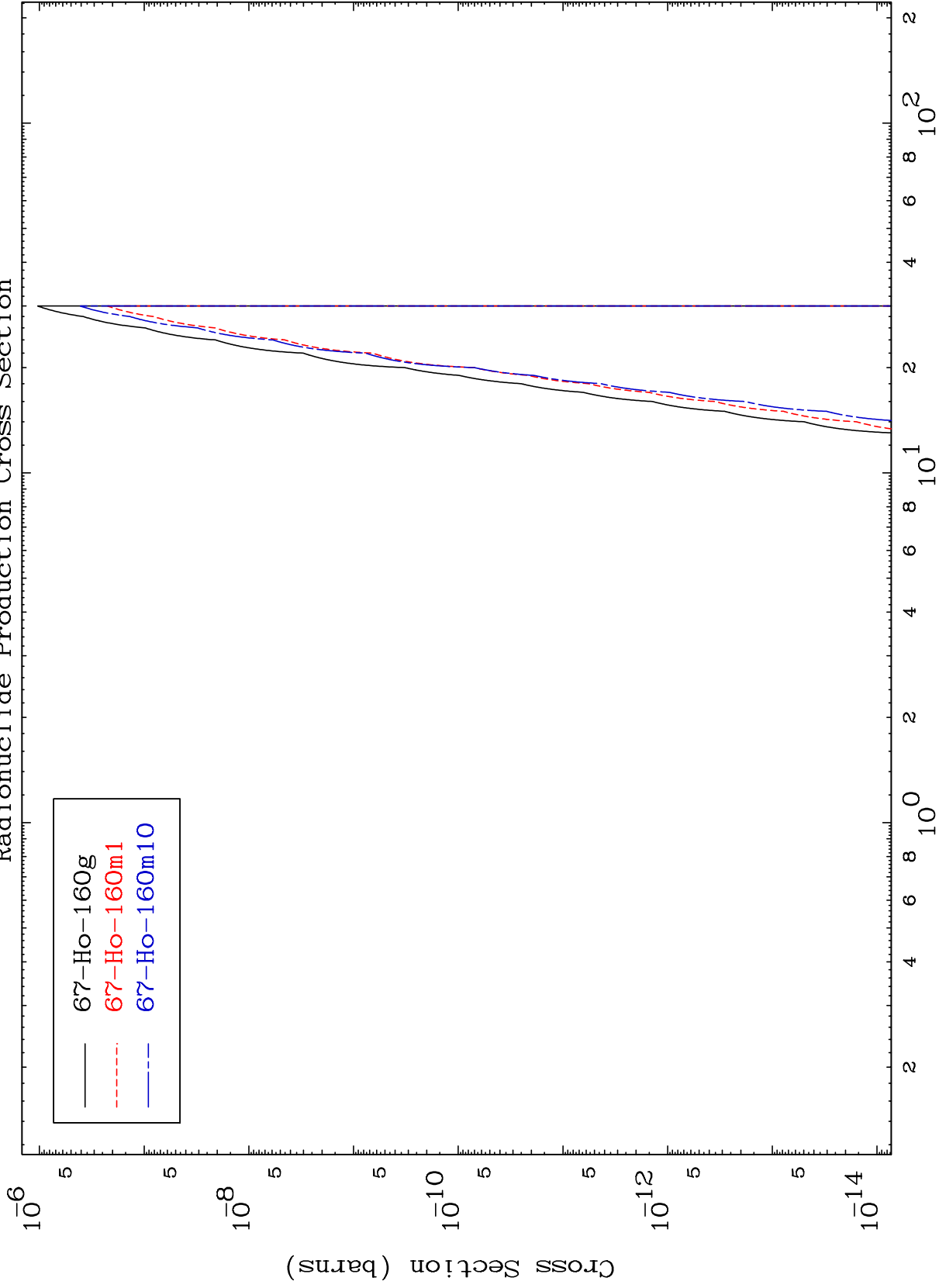
70-Yb-167

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(n,n') 2 α

70-Yb-167

Radionuclide Production Cross Section



18

Incident Energy (MeV)

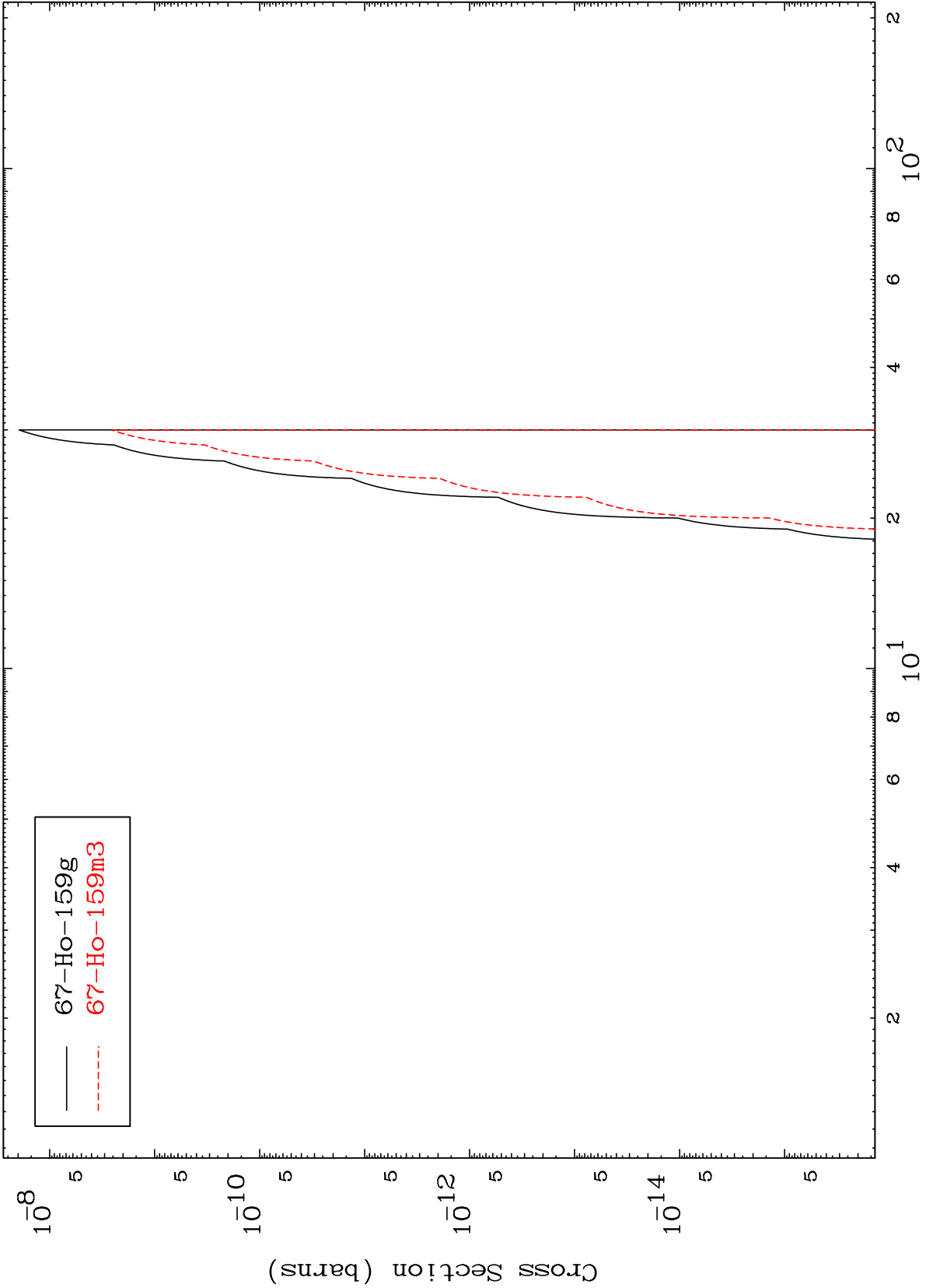
70-Yb-167

MAT 7022

(n,2n) 2 α

70-Yb-167

Radionuclide Production Cross Section

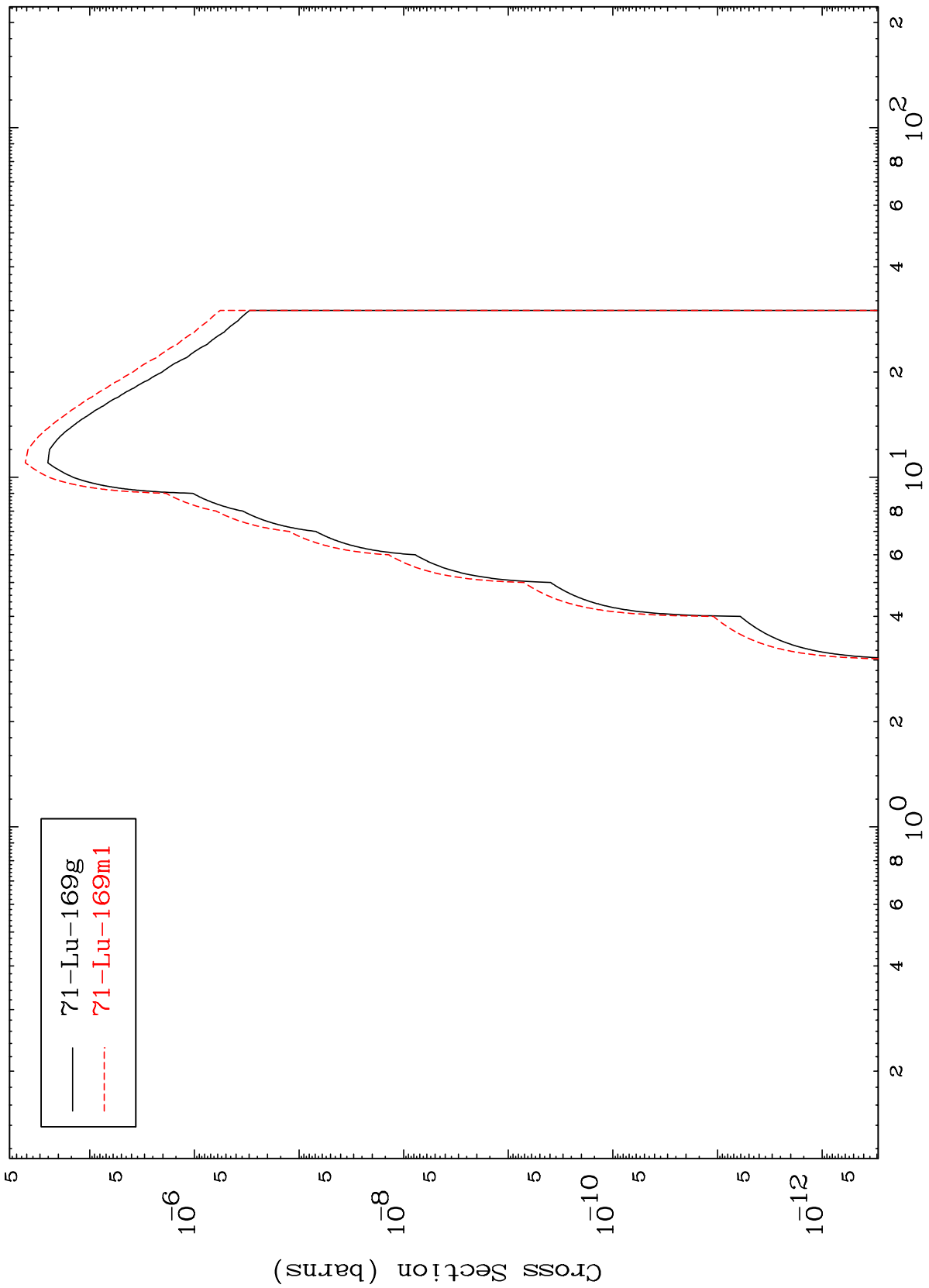


— 67-Ho-159g
- - - 67-Ho-159m3

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70-Yb-167

(n, γ)
Radionuclide Production Cross Section



70-Yb-167

Incident Energy (MeV)

20

MAT 7022

70-Yb-167

