

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

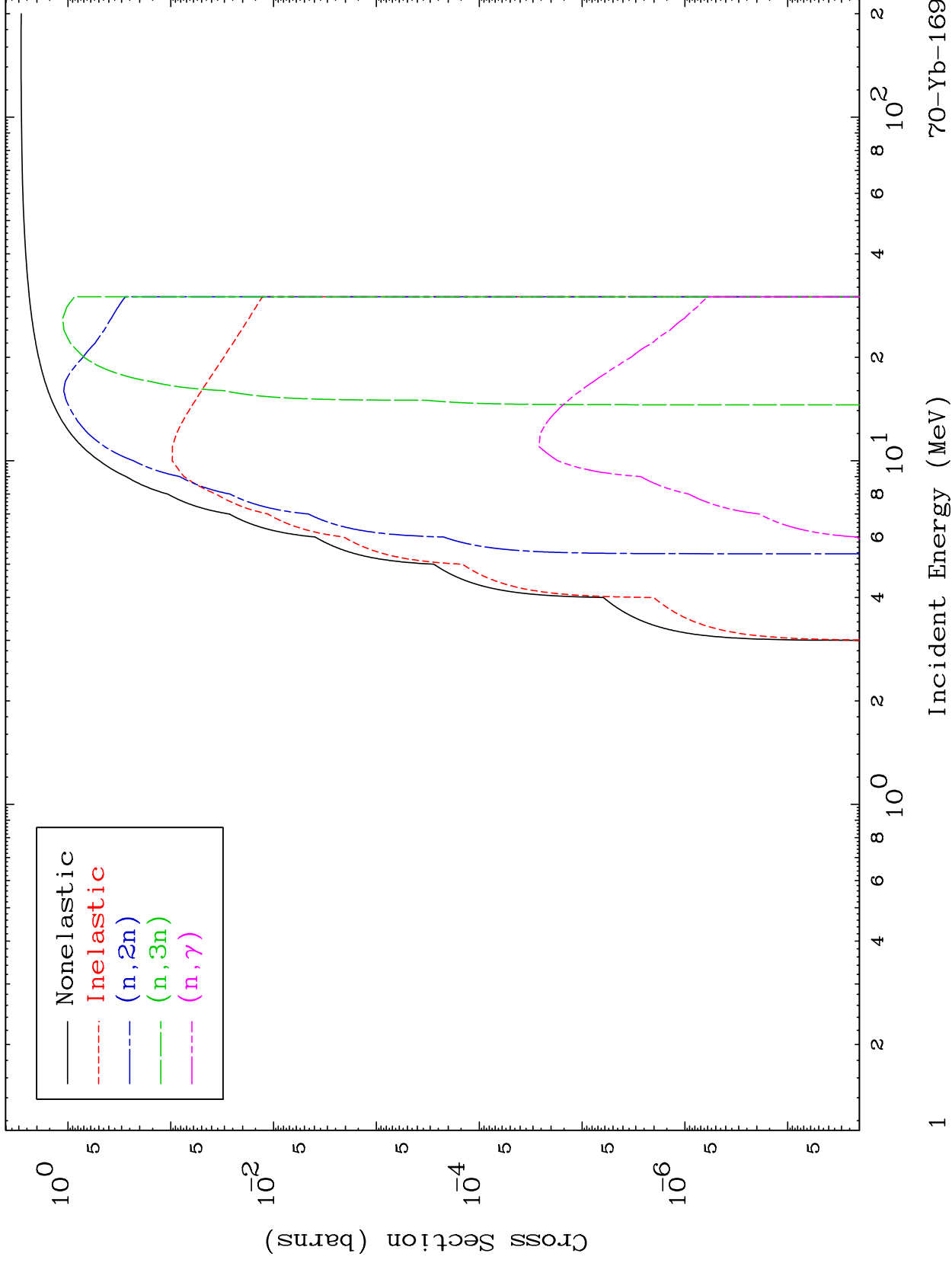
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Web:redcullen1.net/HOMEPAGE.NEW

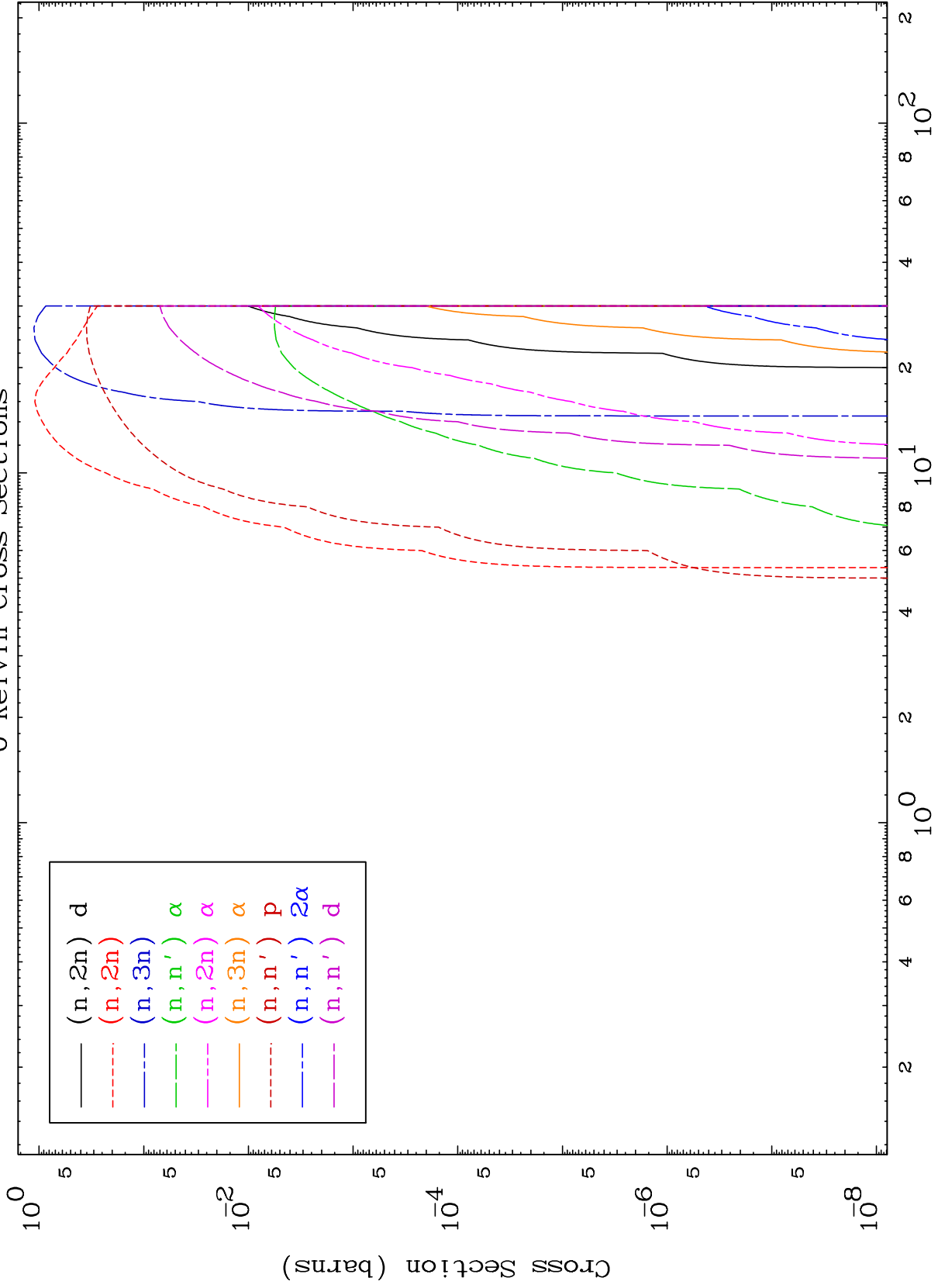
Press Mouse Button to Start

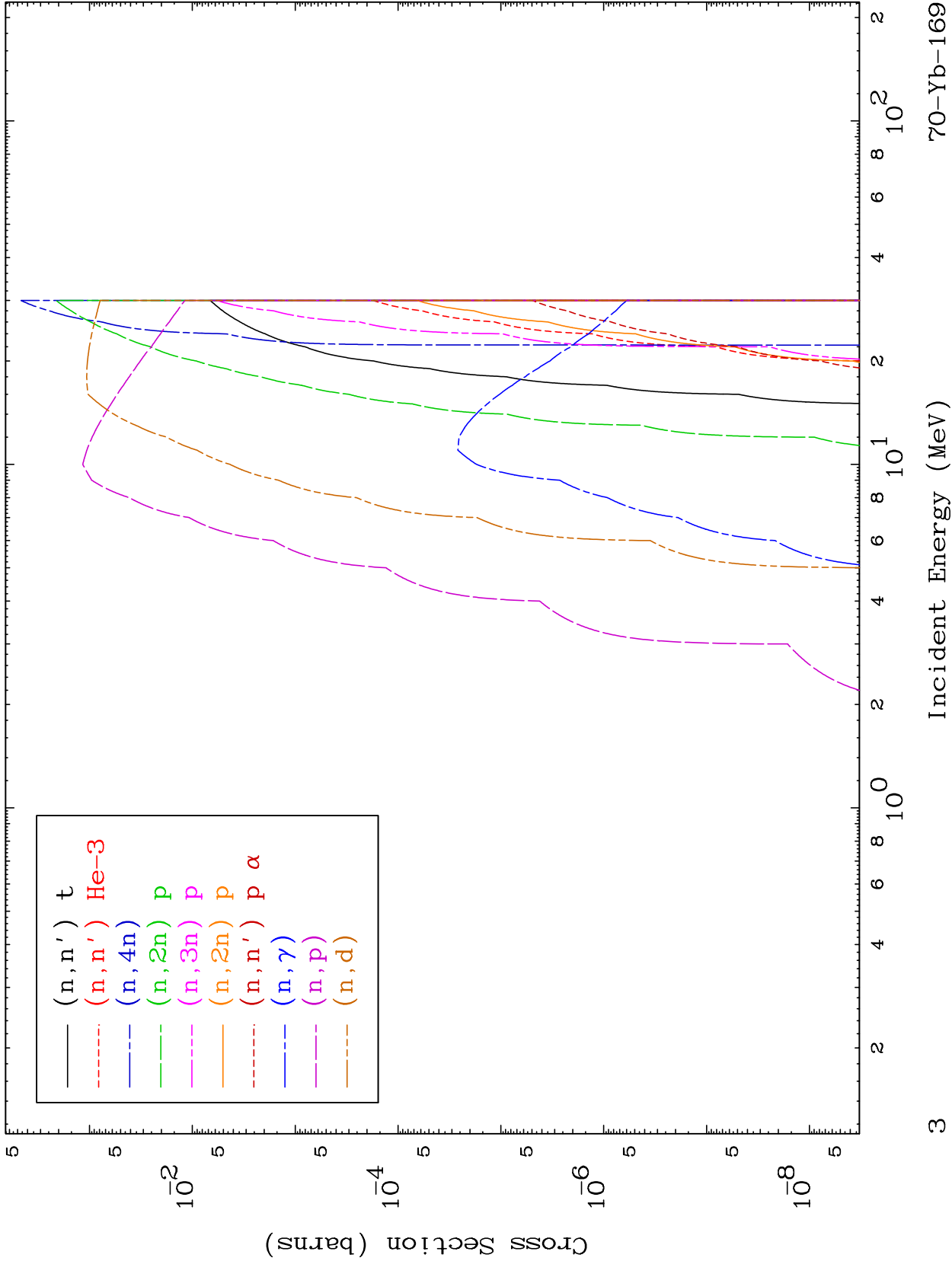


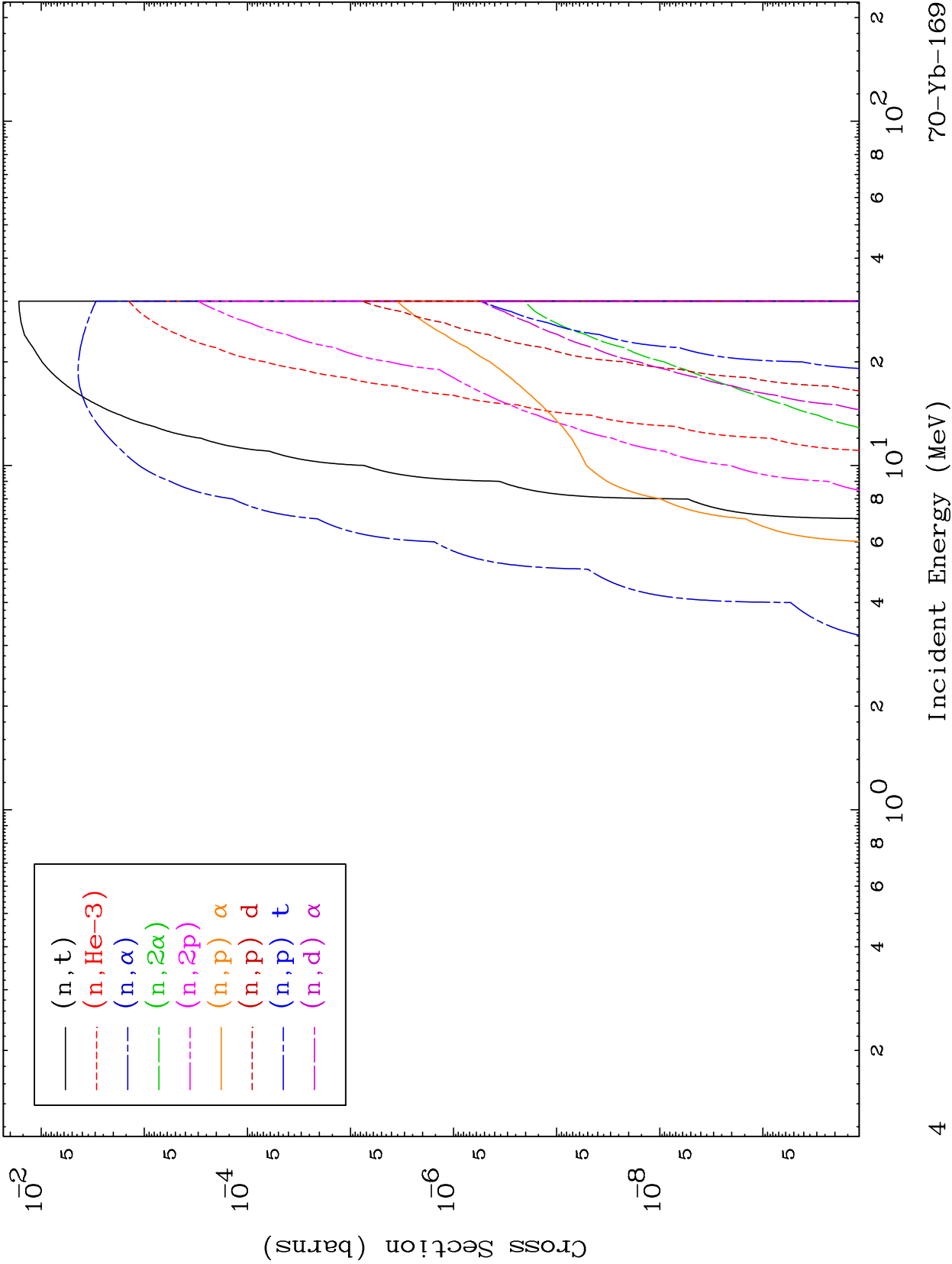
MAT 7028

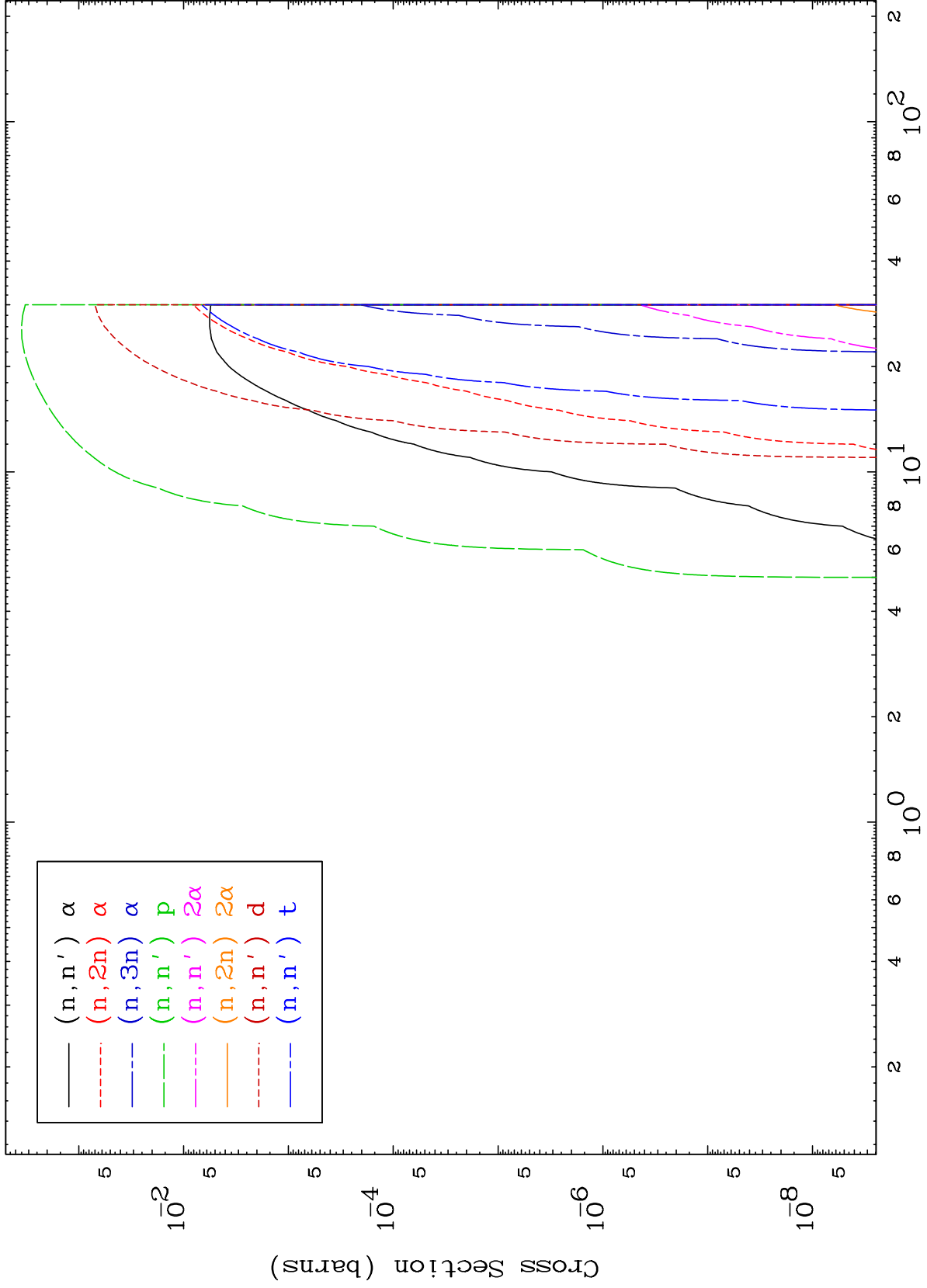
Deuteron Neutron Absorption
0 Kelvin Cross Sections

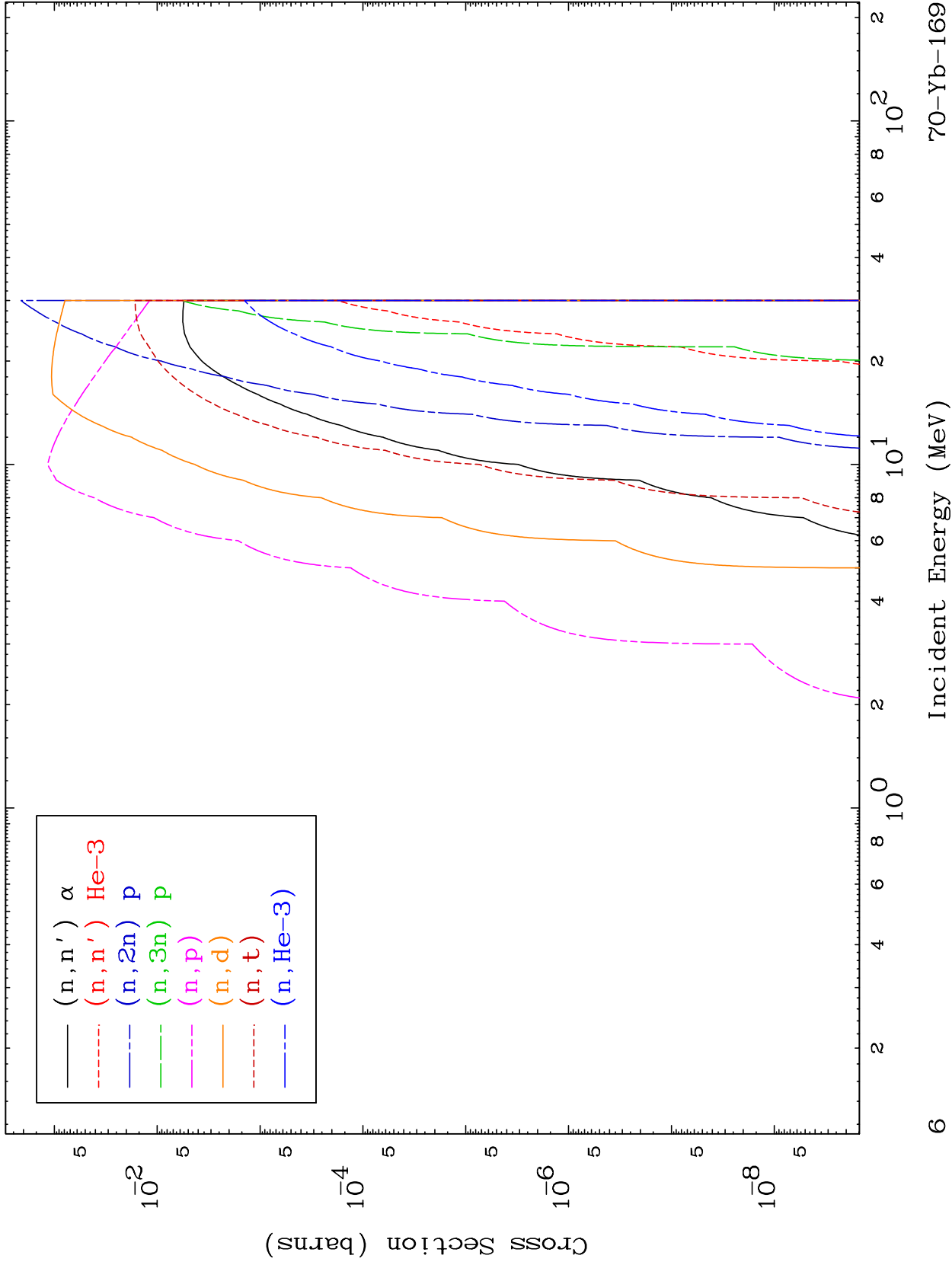
70-Yb-169

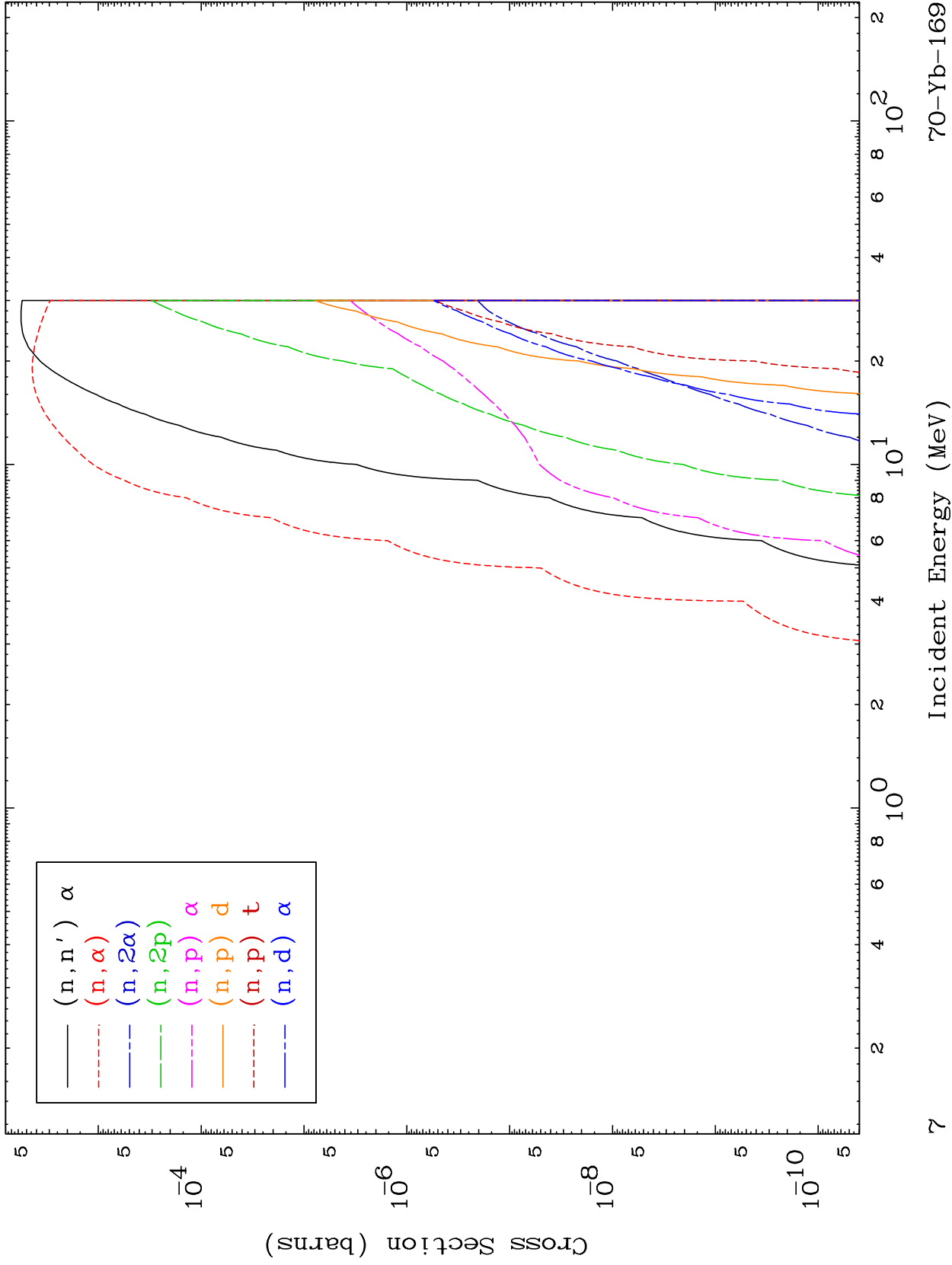










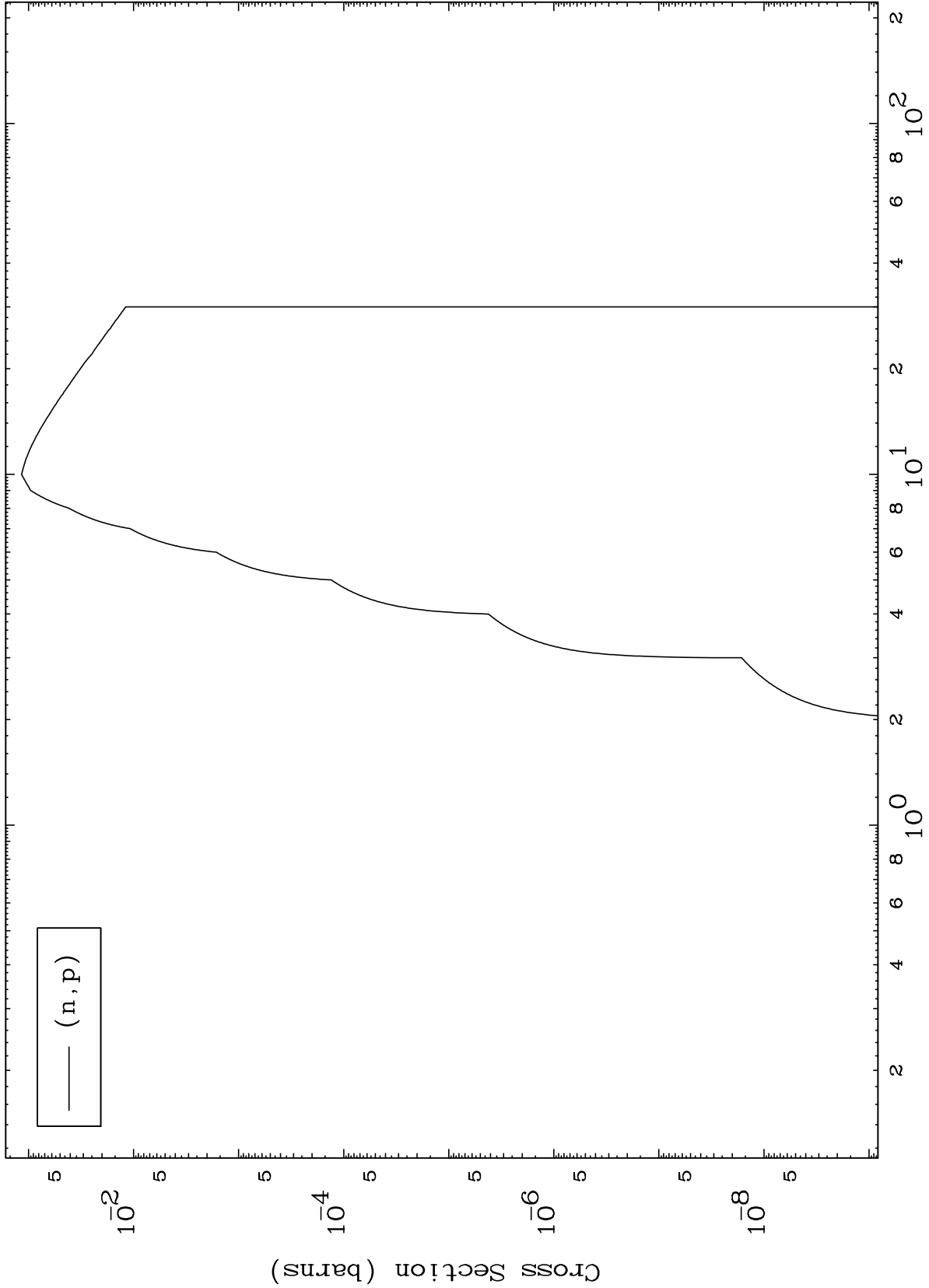


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(d,p) Levels

70-Yb-169

0 Kelvin Cross Sections

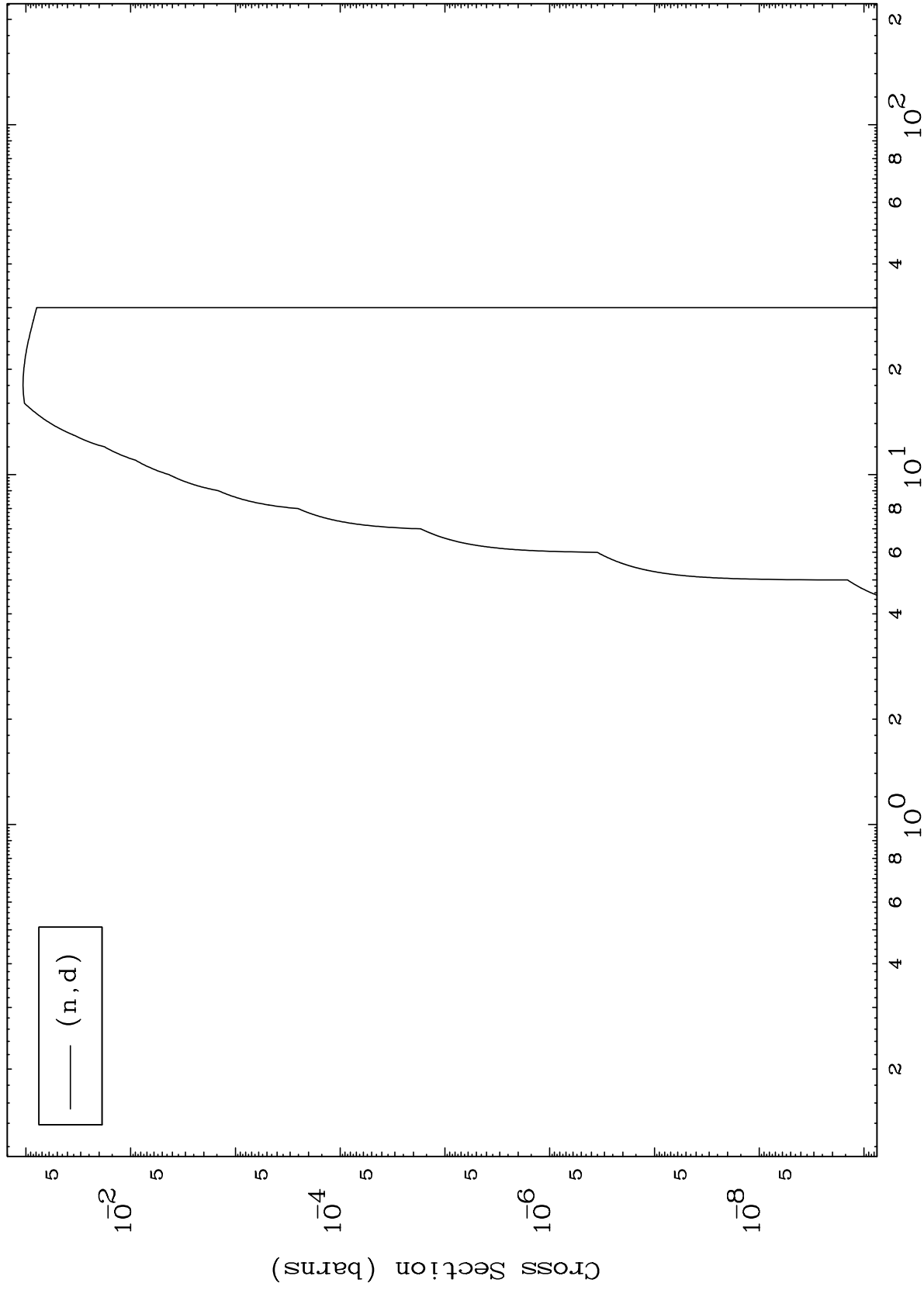


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(d,d) Levels

70-Yb-169

0 Kelvin Cross Sections

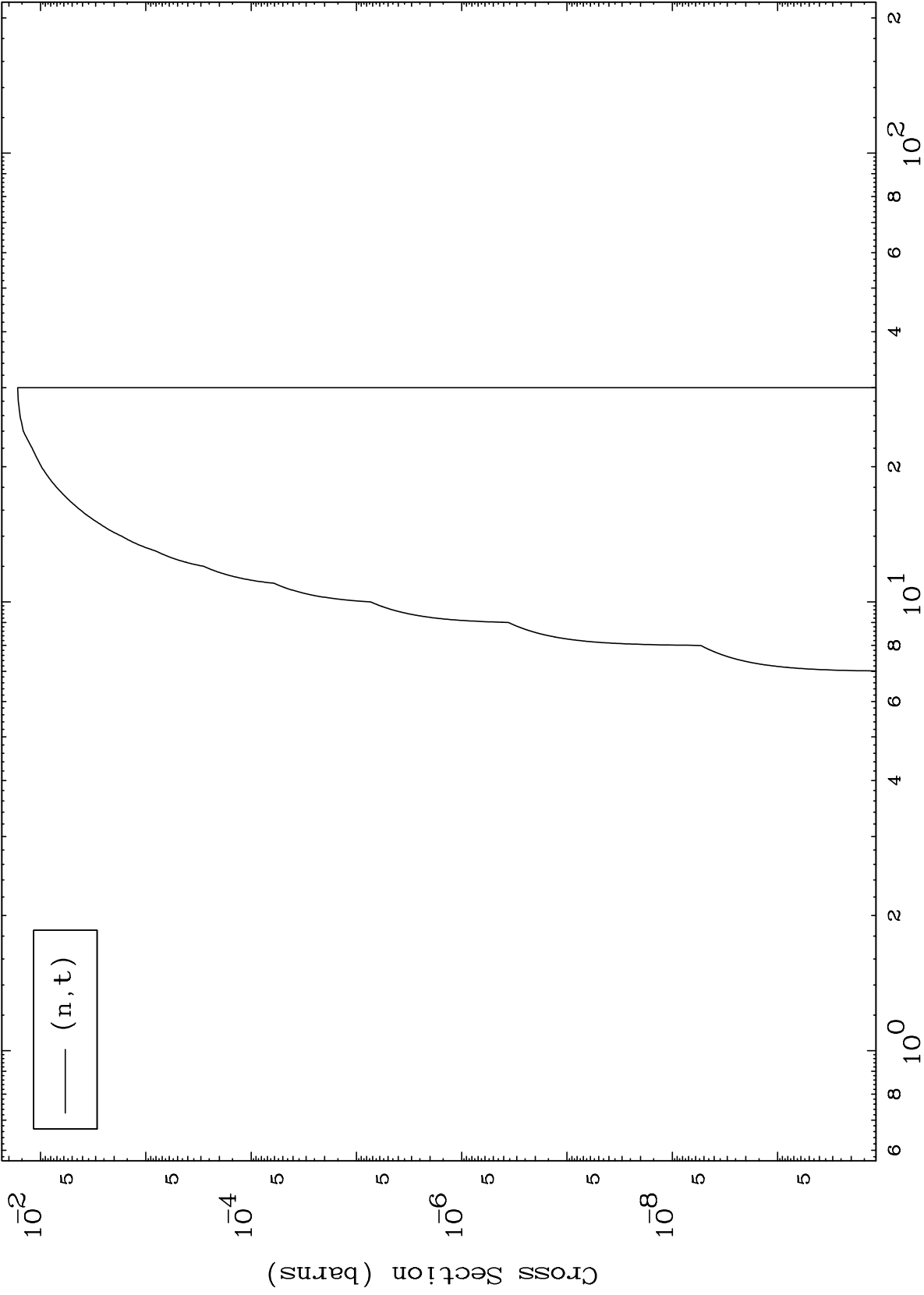


MAT 7028

(d, t) Levels

70-Yb-169

0 Kelvin Cross Sections



Incident Energy (MeV)

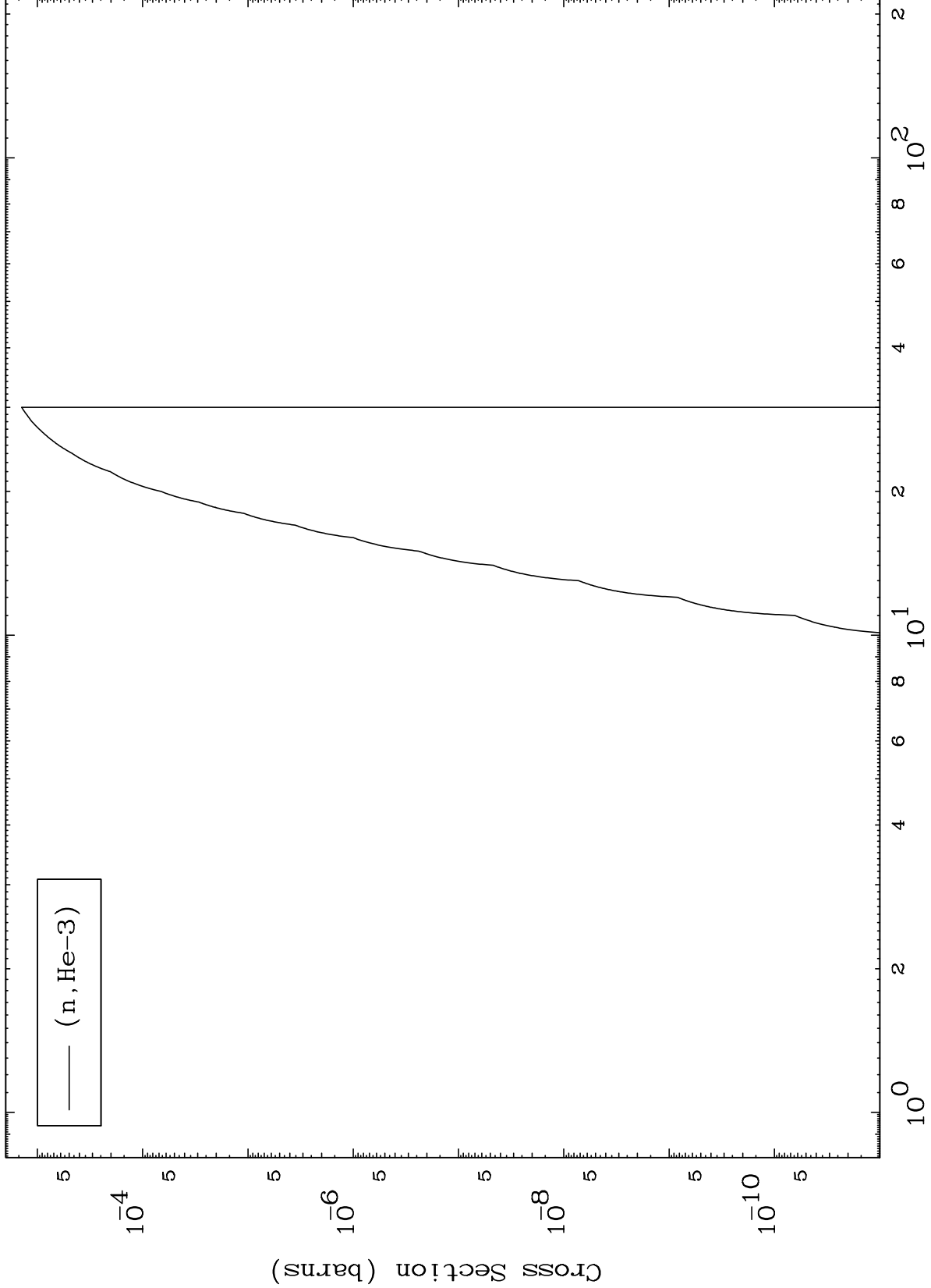
70-Yb-169

MAT 7028

(d,He3) Levels

70-Yb-169

0 Kelvin Cross Sections



11

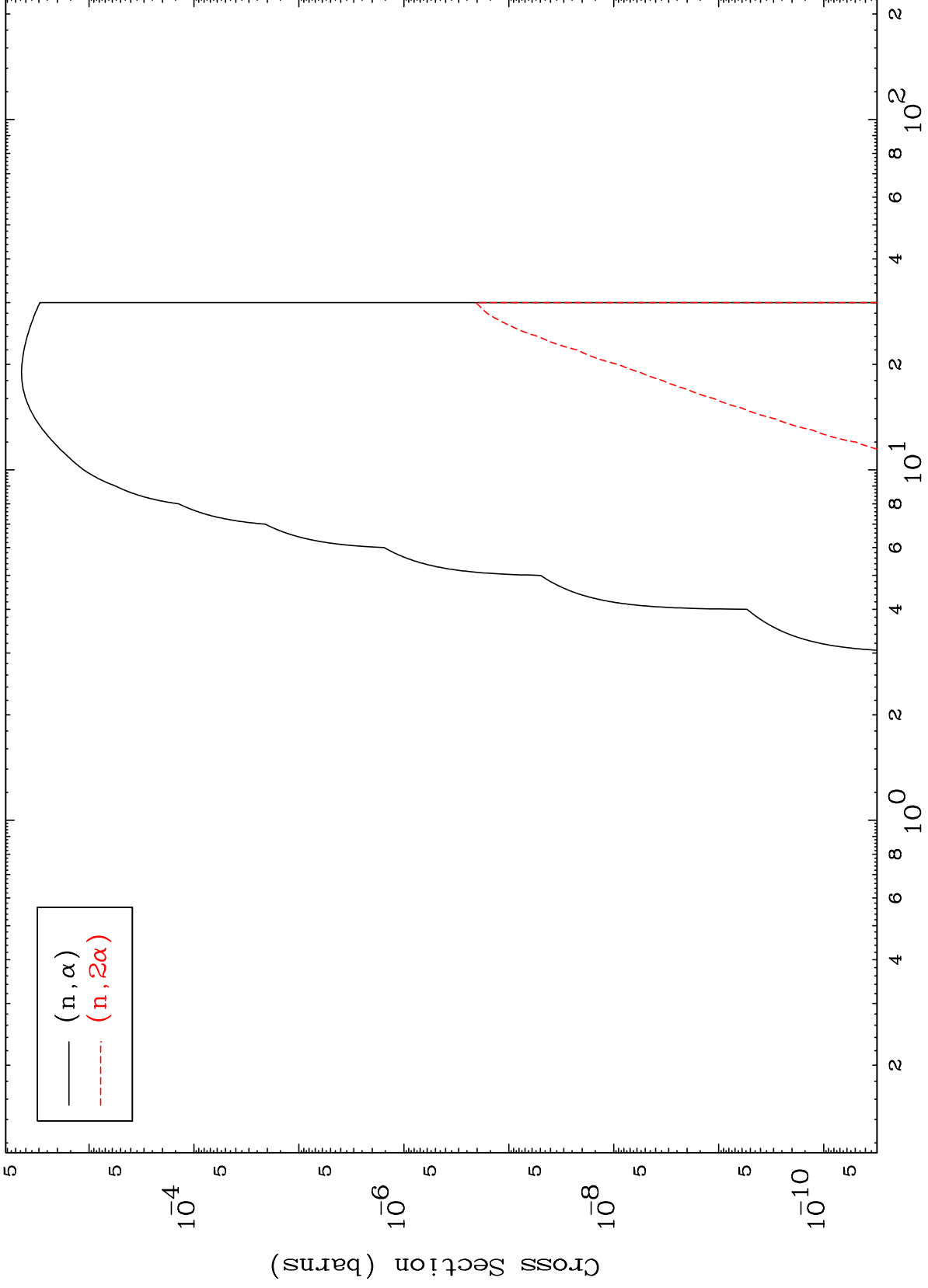
Incident Energy (MeV)

70-Yb-169

MAT 7028

(d, α) Levels
0 Kelvin Cross Sections

70-Yb-169



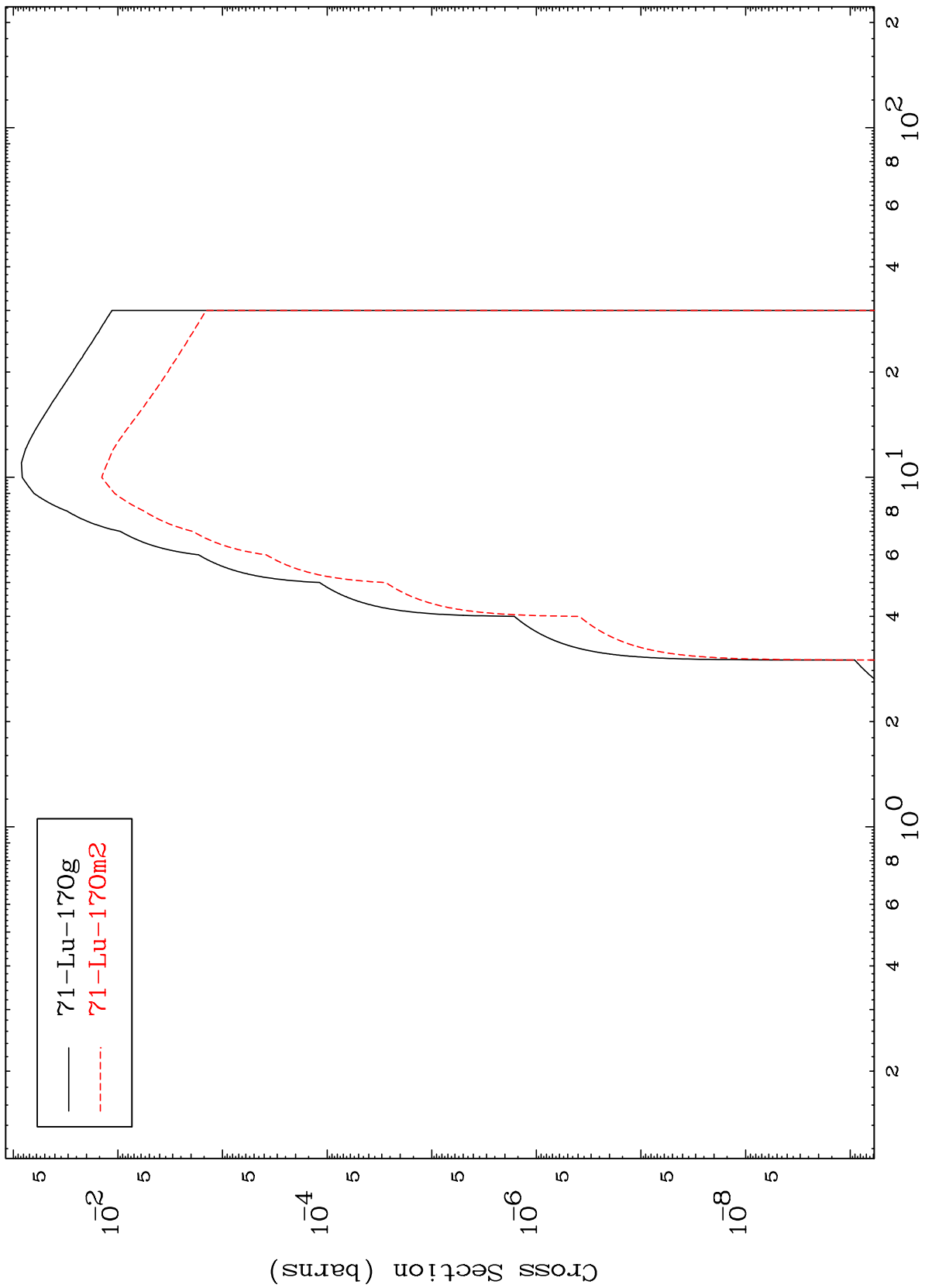
12

70-Yb-169

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70-Yb-169

Inelastic
Radionuclide Production Cross Section



70-Yb-169

Incident Energy (MeV)

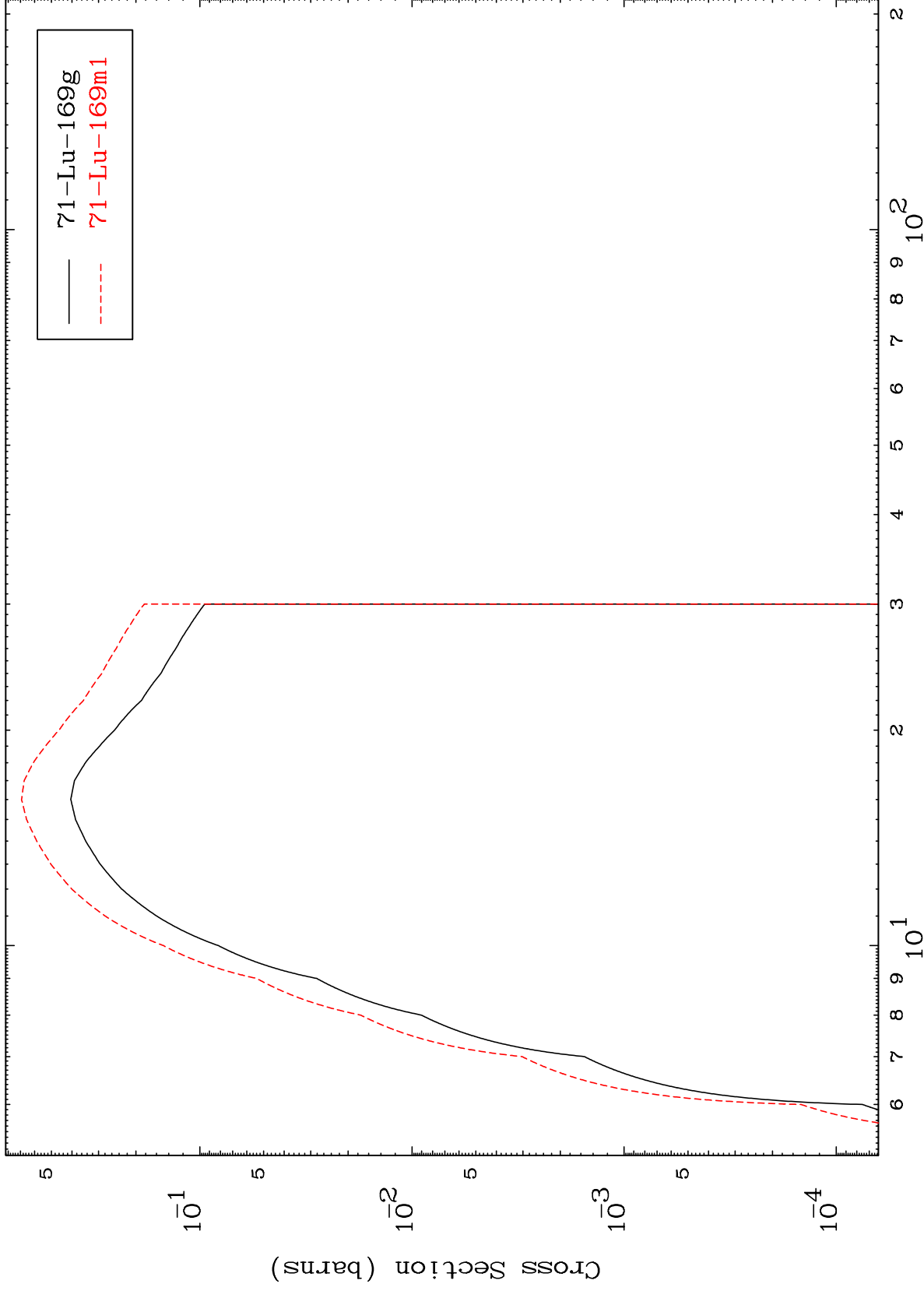
13

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(n,2n)

70-Yb-169

Radionuclide Production Cross Section



14

Incident Energy (MeV)

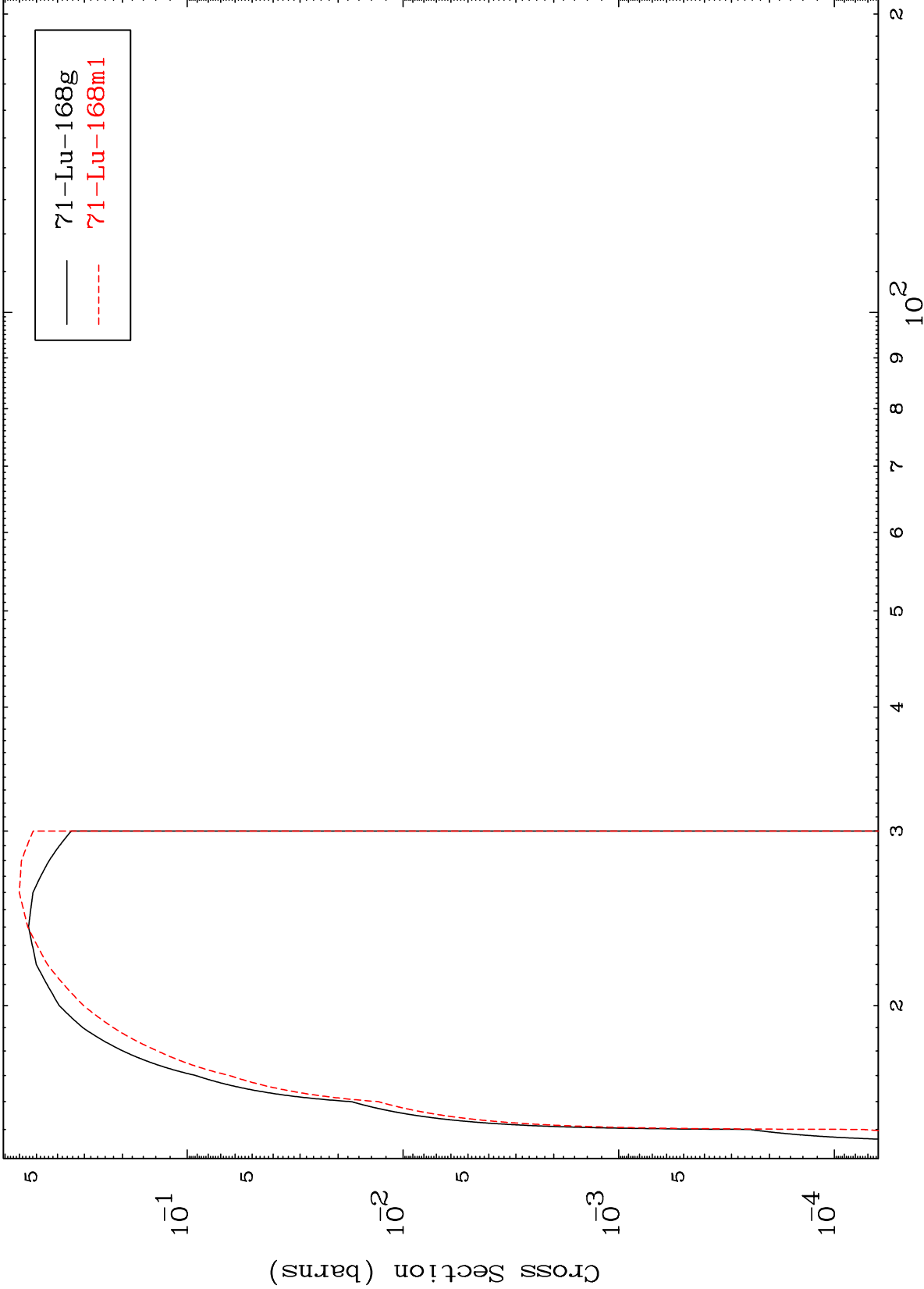
70-Yb-169

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(n,3n)

70-Yb-169

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

15

Incident Energy (MeV)

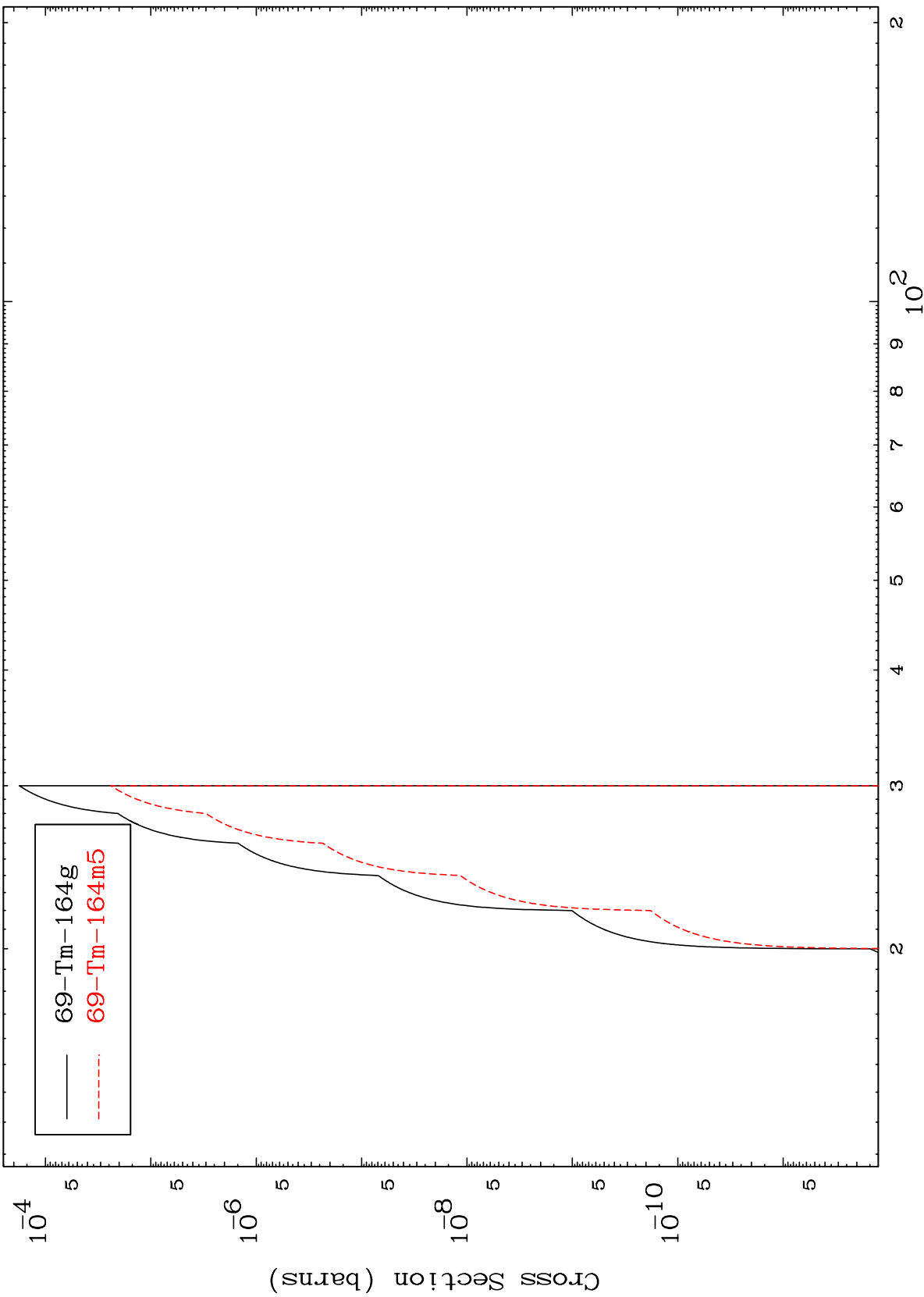
70-Yb-169

MAT 7028

(n,3n) α

70-Yb-169

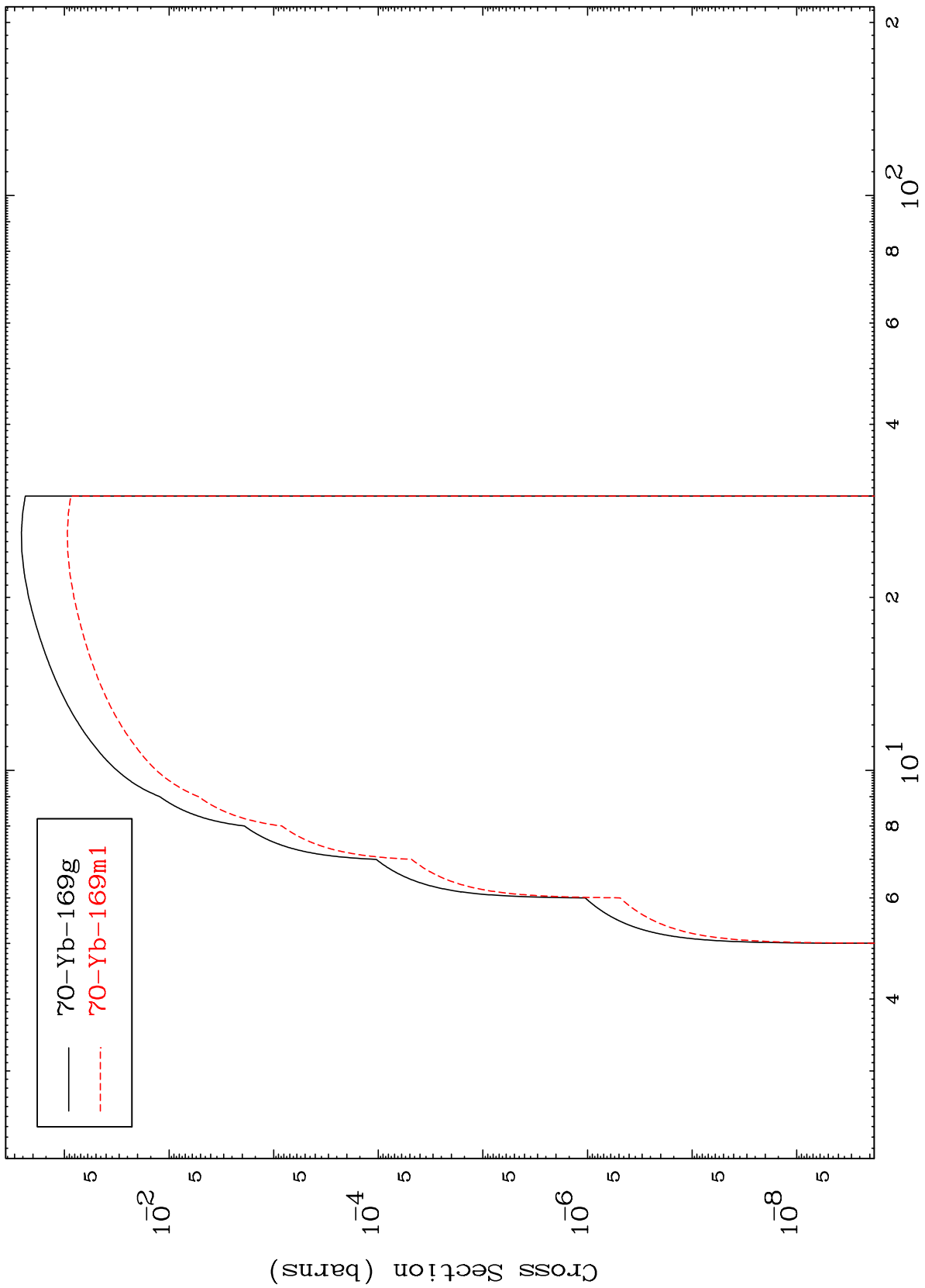
Radionuclide Production Cross Section



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⁷⁰Yb-169

Radionuclide Production Cross Section

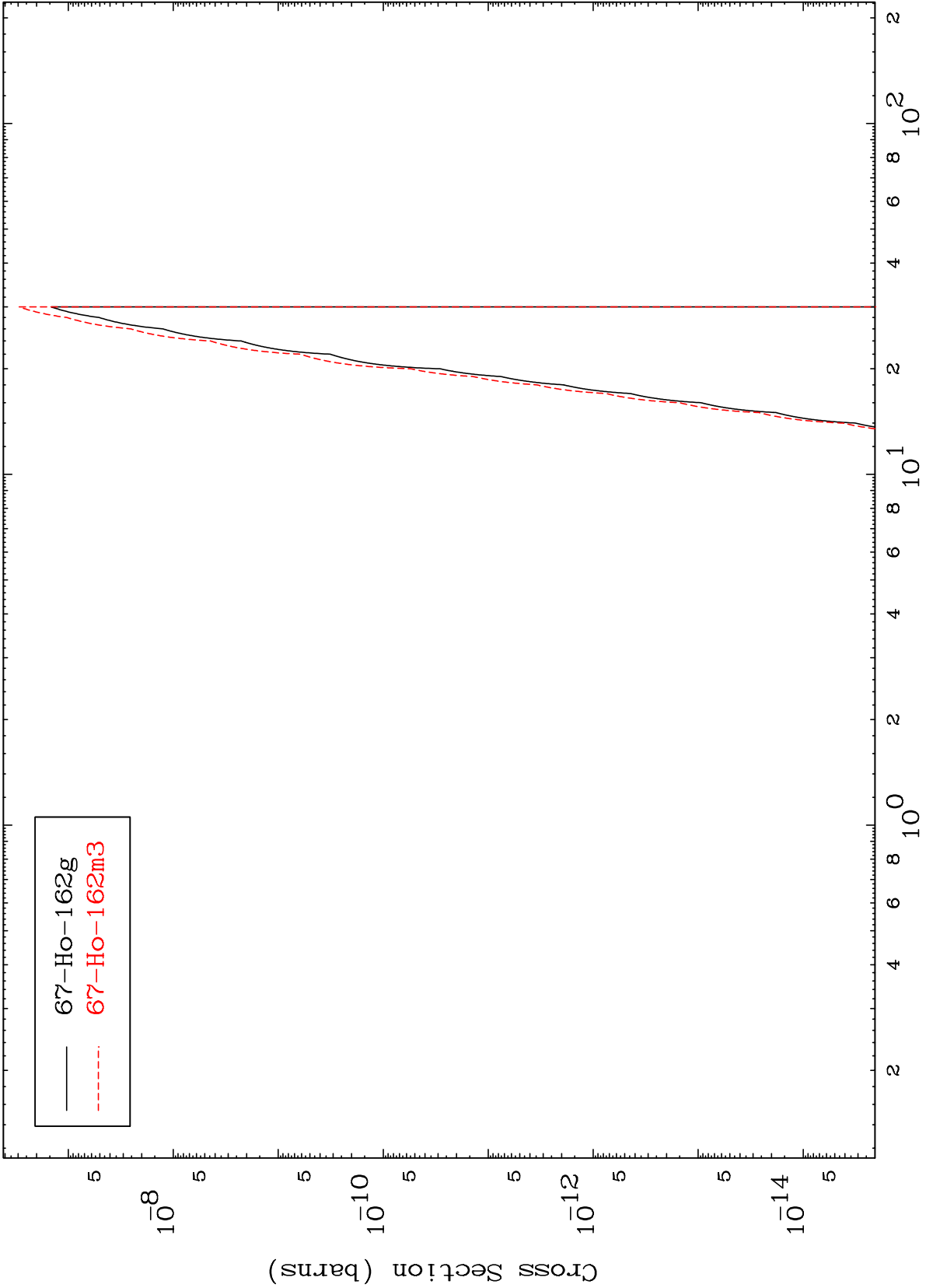


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(n,n') 2α

70-Yb-169

Radionuclide Production Cross Section

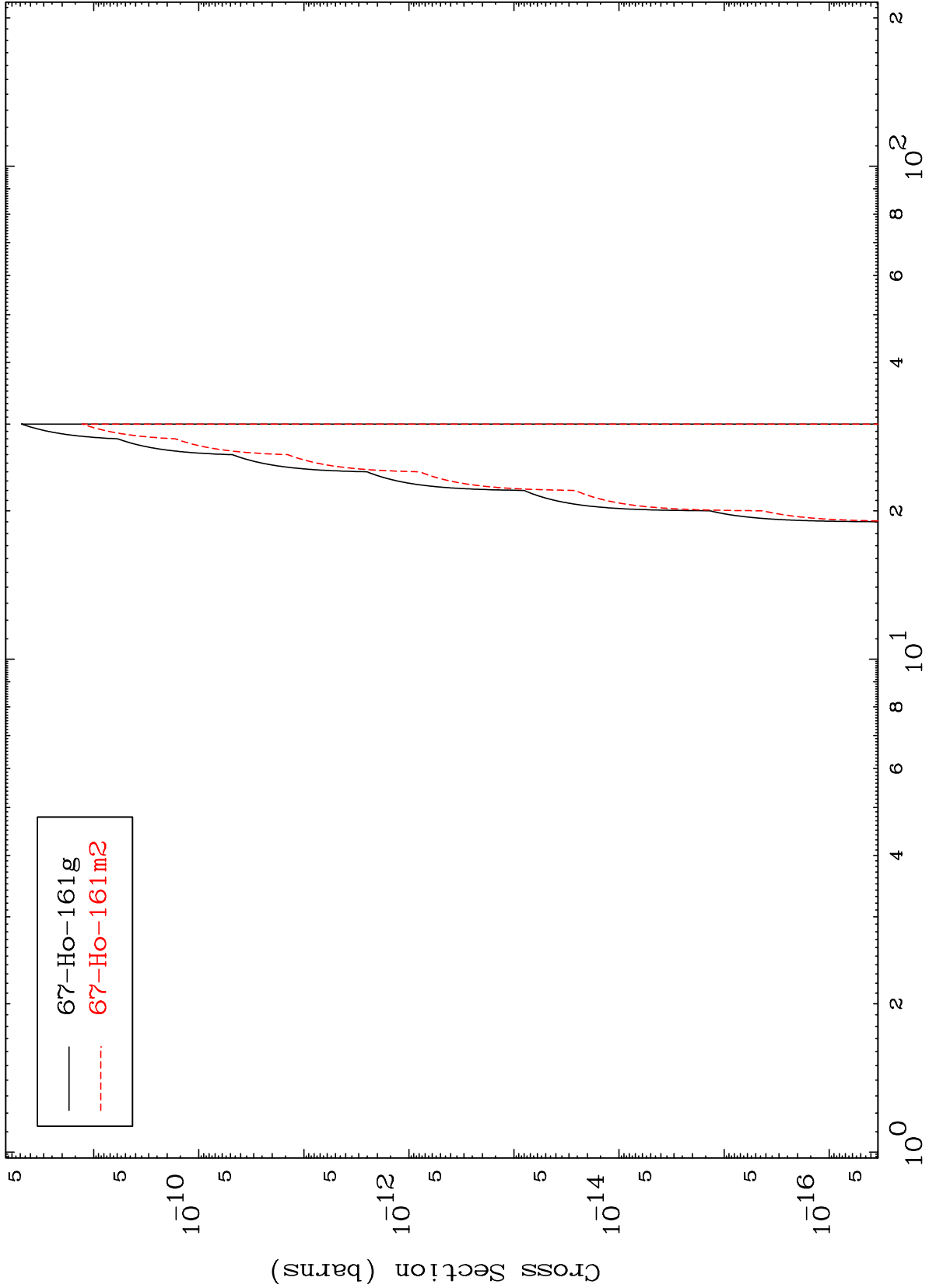


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$(n,2n) 2\alpha$

70-Yb-169

Radionuclide Production Cross Section



— 67-Ho-161g
- - - 67-Ho-161m2

19

Incident Energy (MeV)

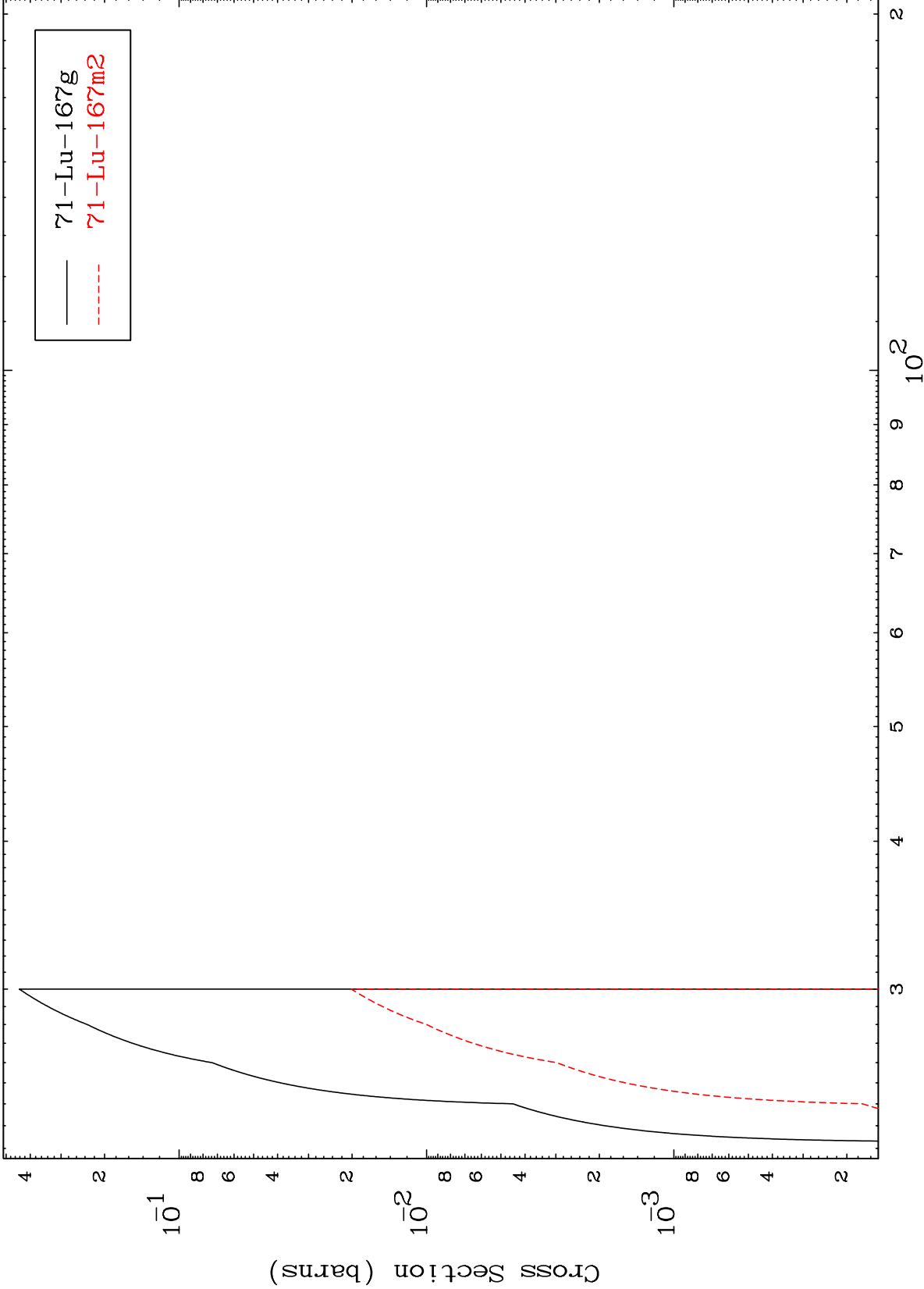
70-Yb-169

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(n,4n)

70-Yb-169

Radionuclide Production Cross Section



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

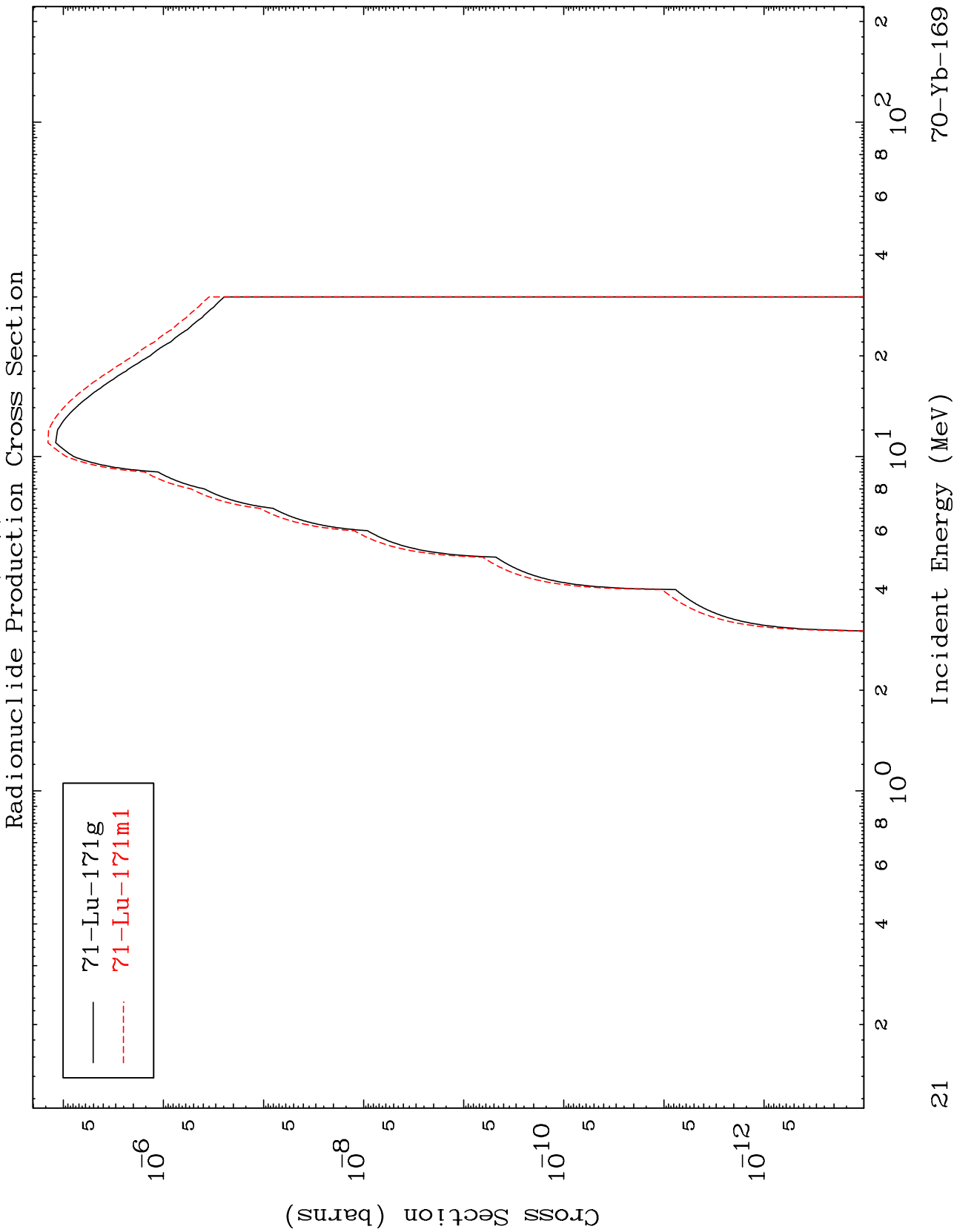
20

Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

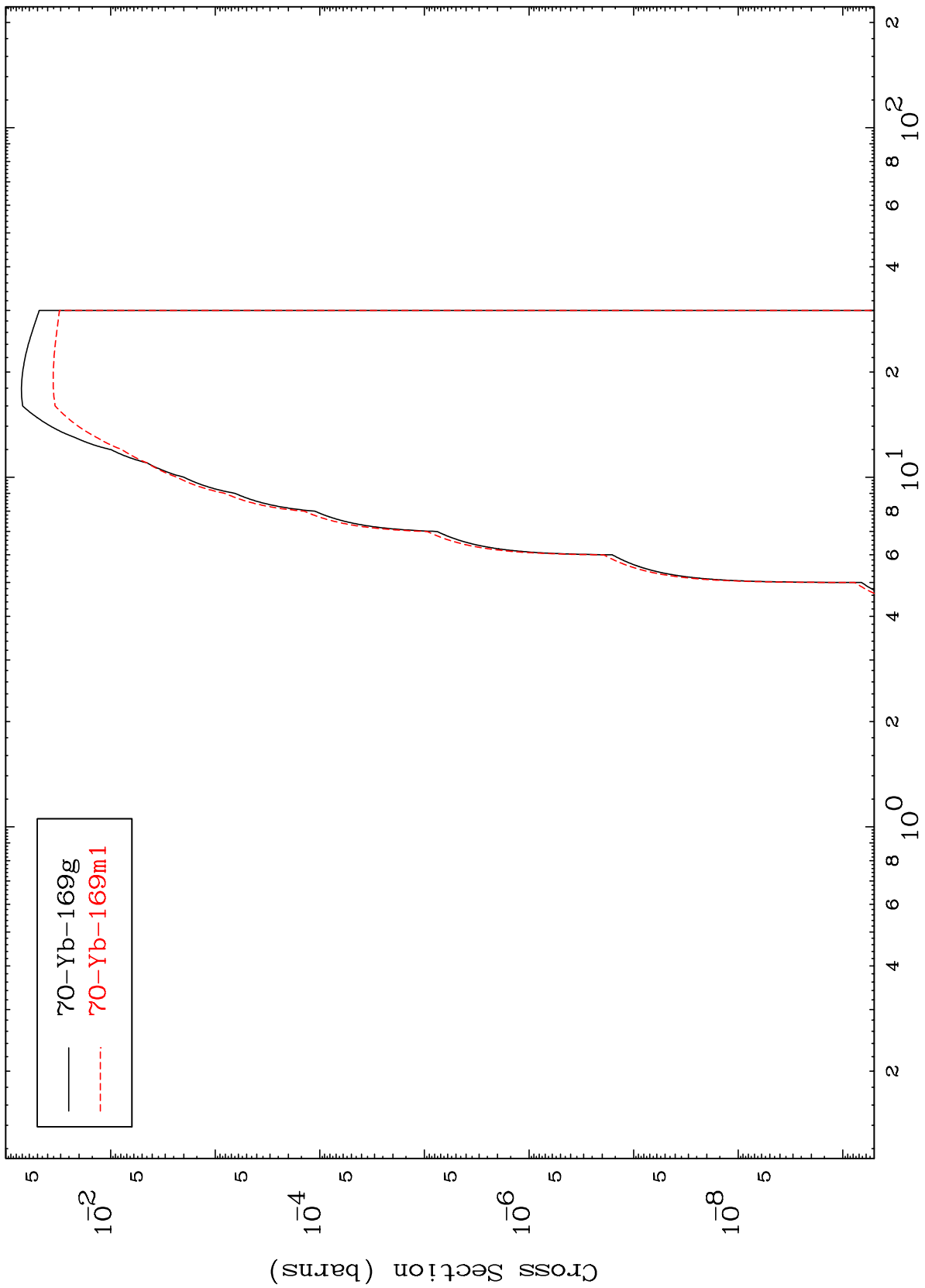


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(n,d)

⁷⁰Yb-169

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁰Yb-169

MAT 7028

(n,2α)

70-Yb-169

Radionuclide Production Cross Section

