

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

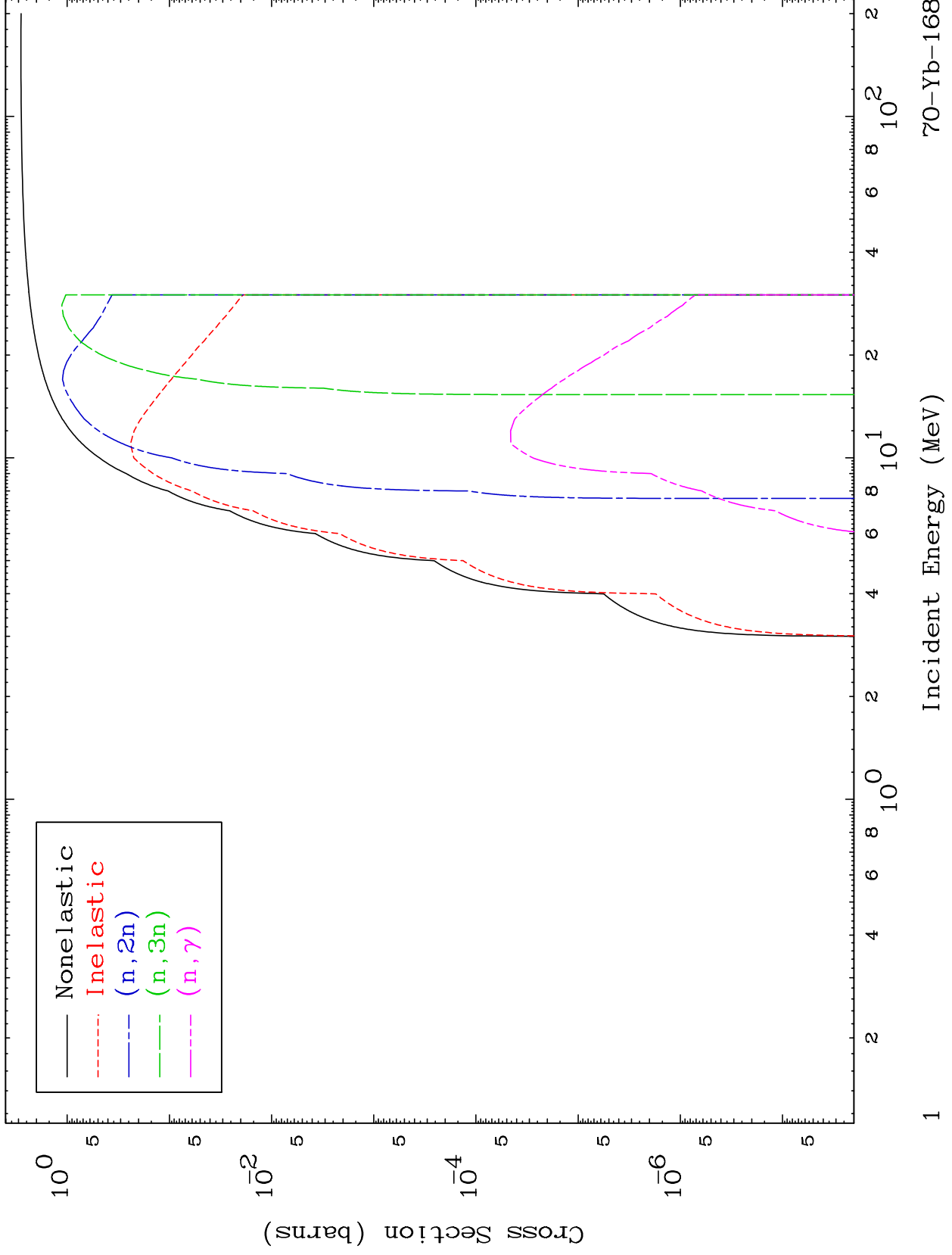
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Web: redcullen1.net/HOMEPAGE.NEW

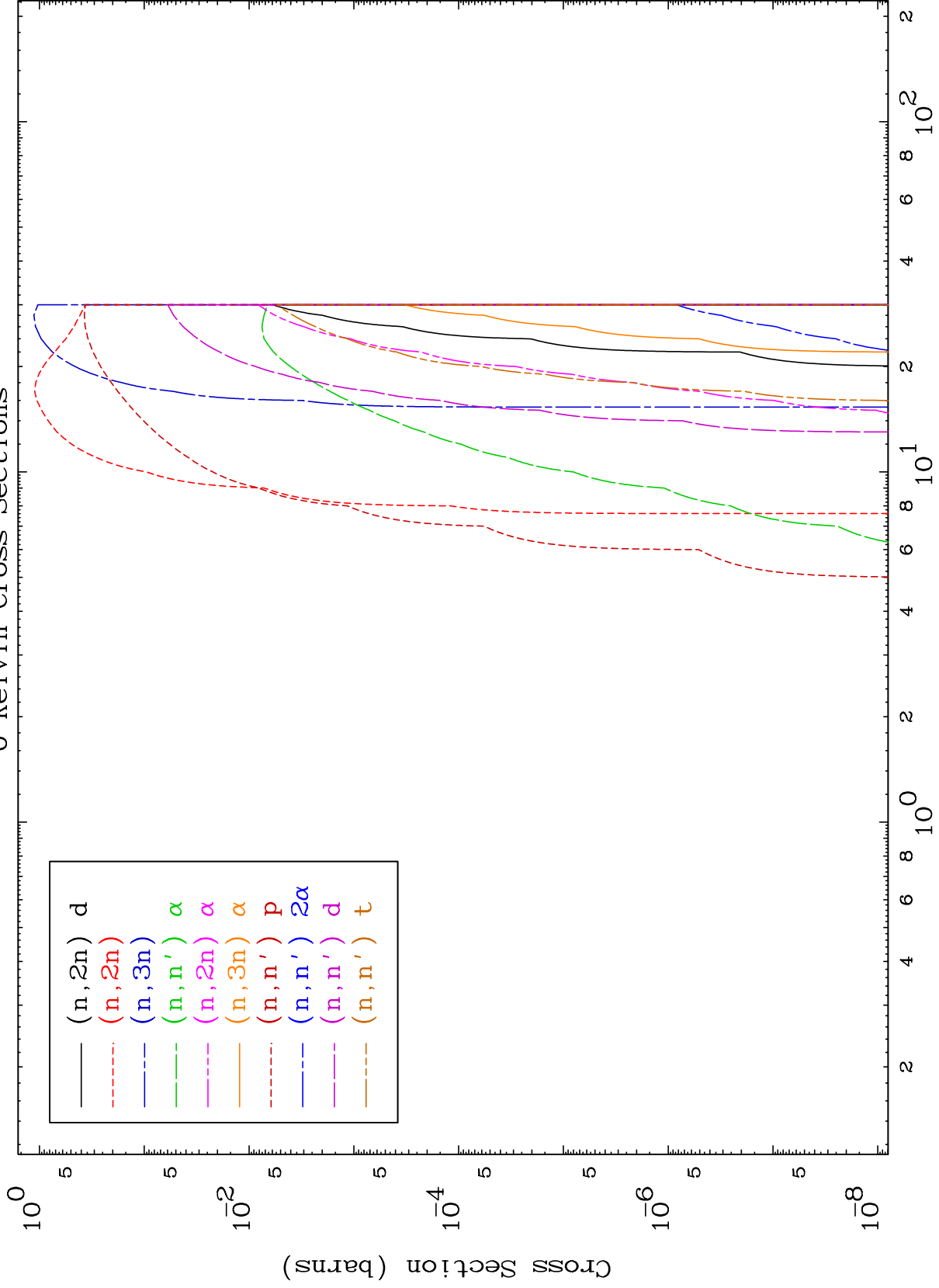
Press Mouse Button to Start

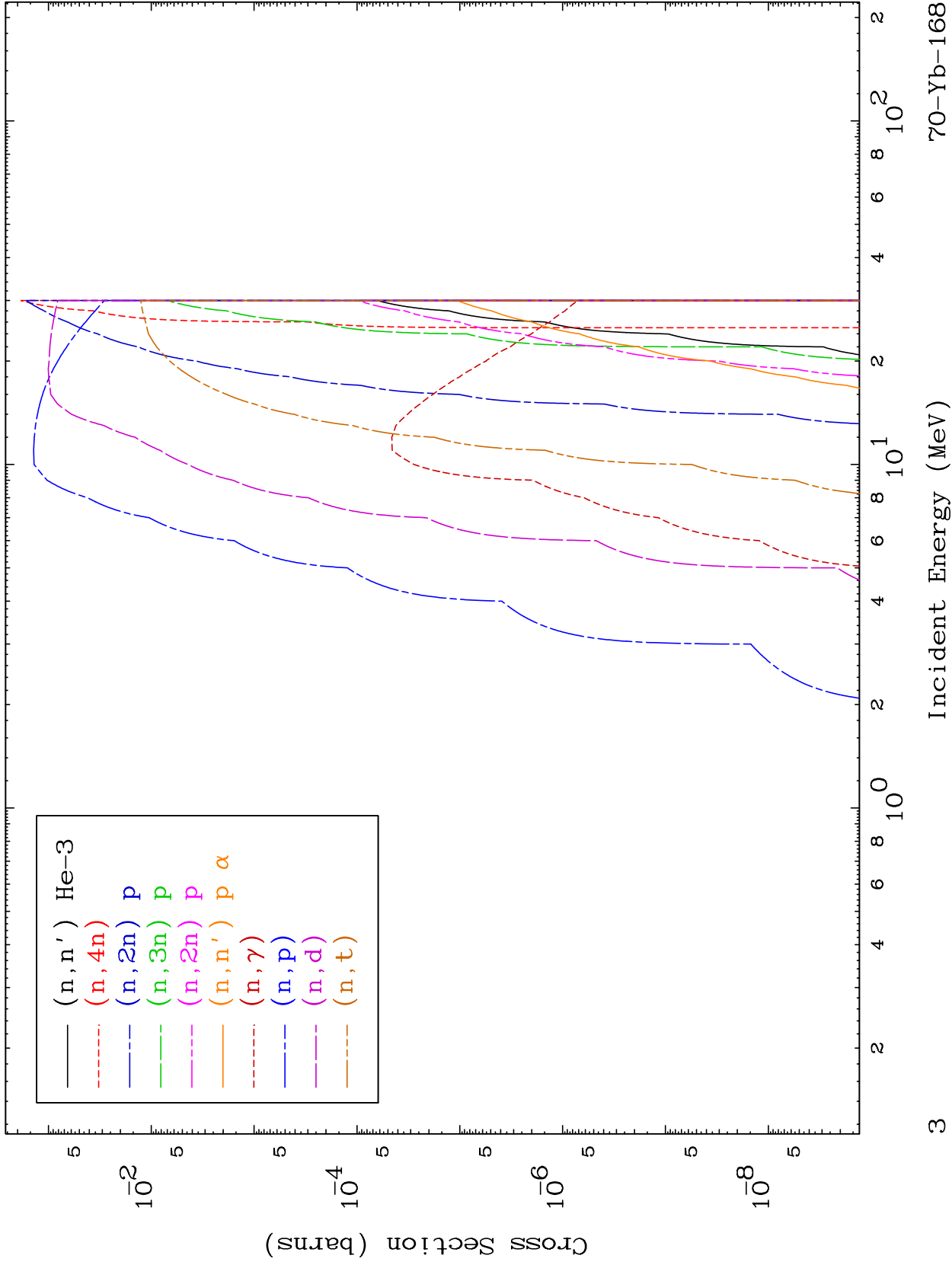


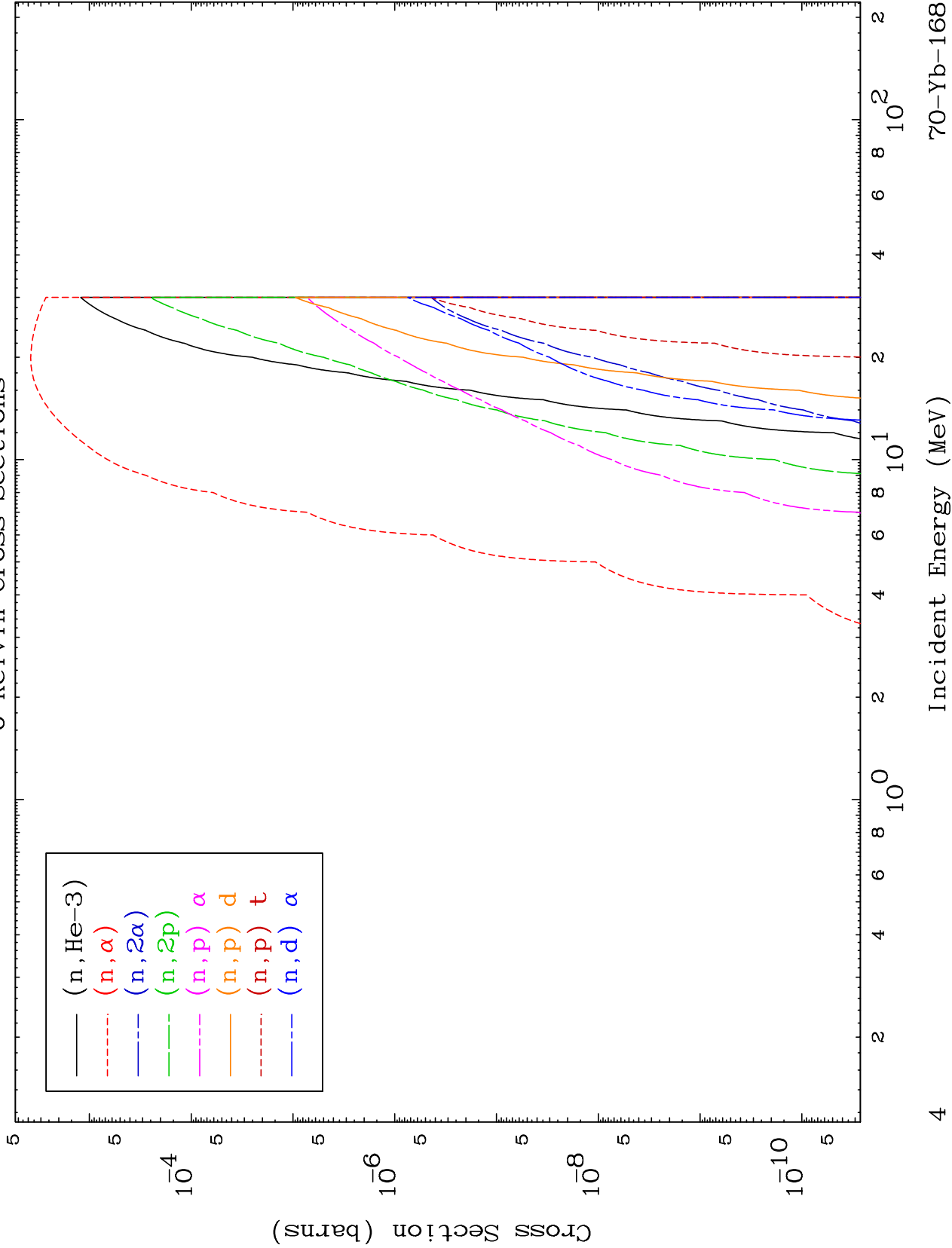
MAT 7025

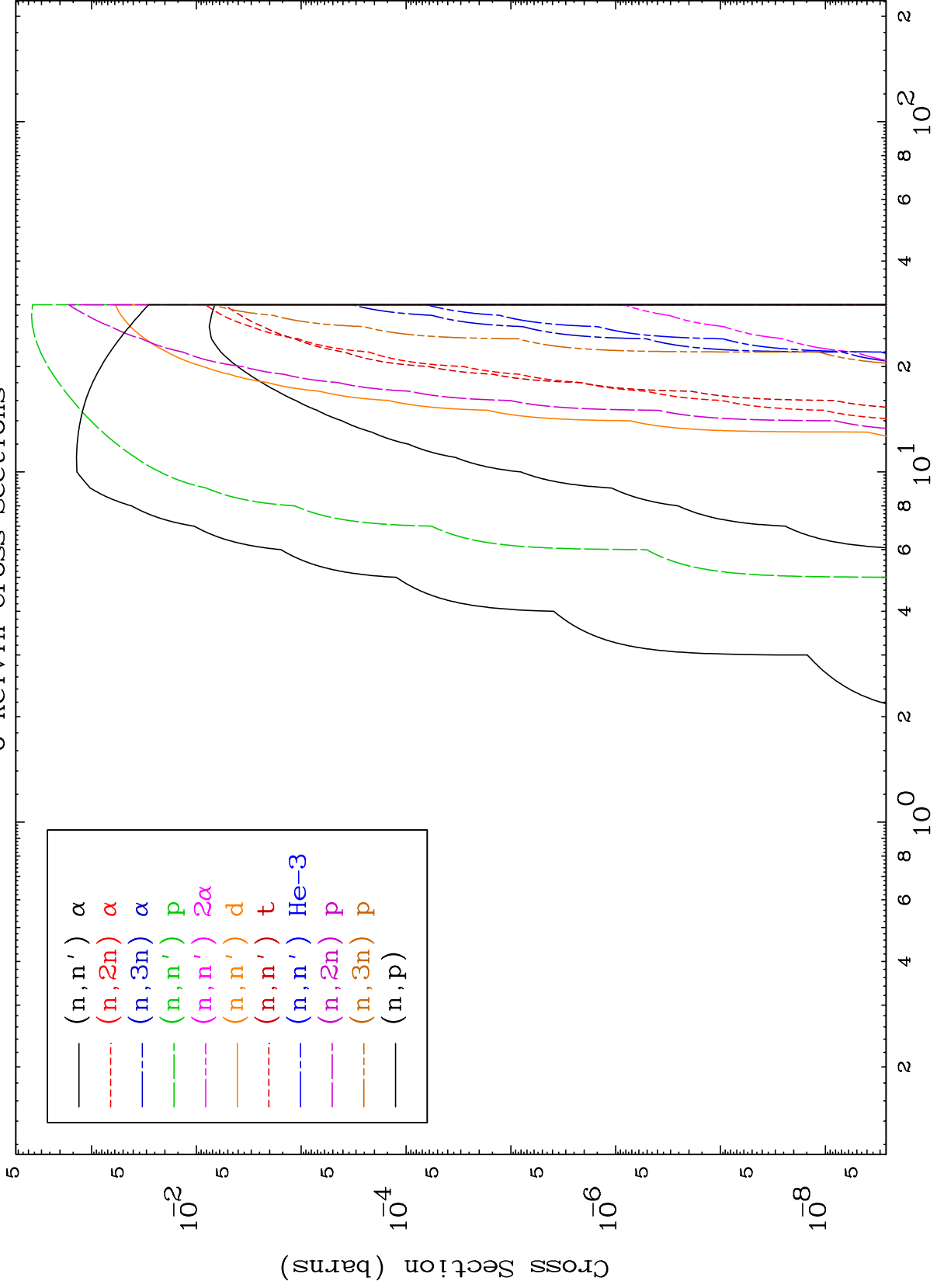
Deuteron Neutron Absorption
0 Kelvin Cross Sections

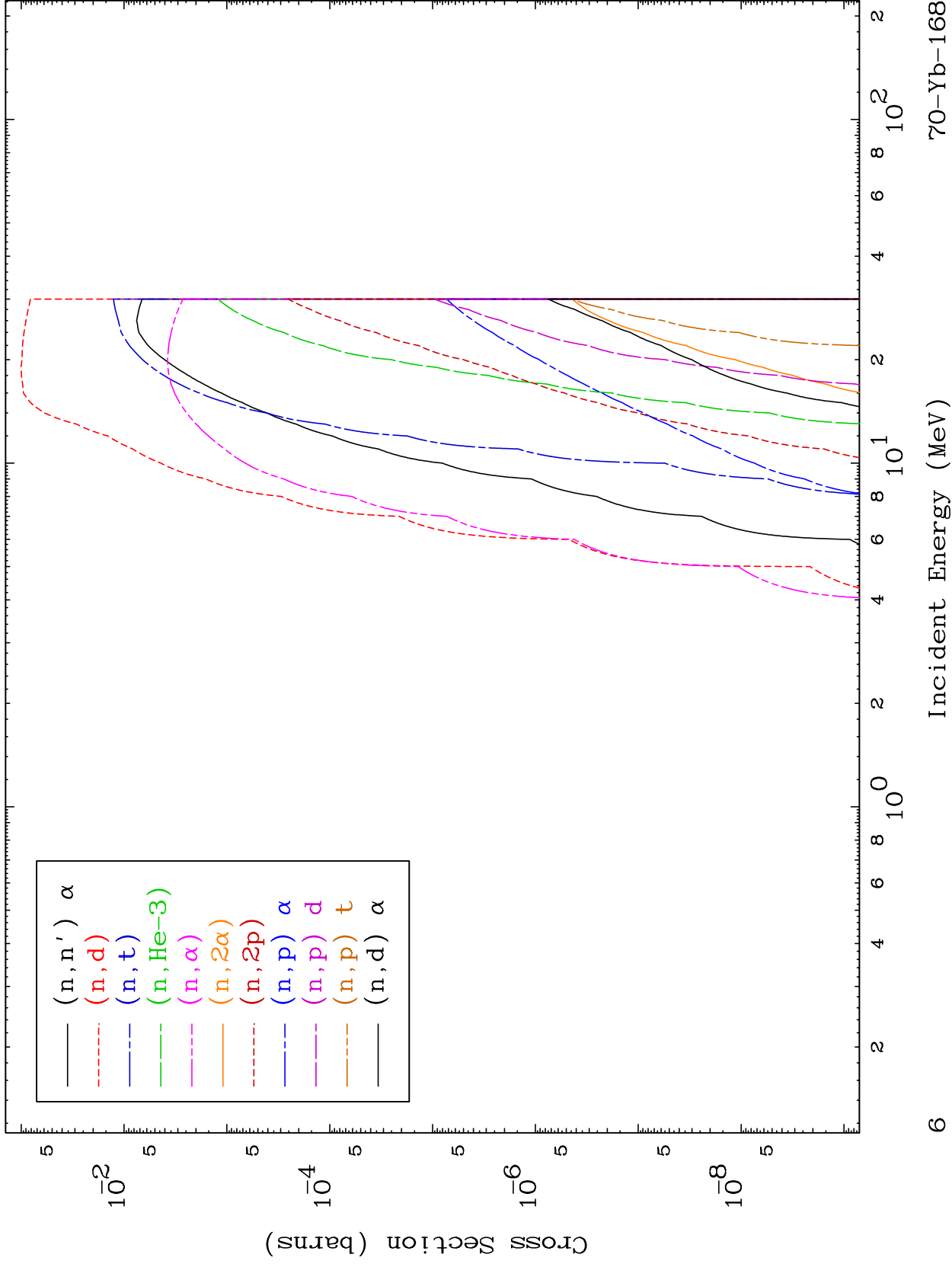
70-Yb-168







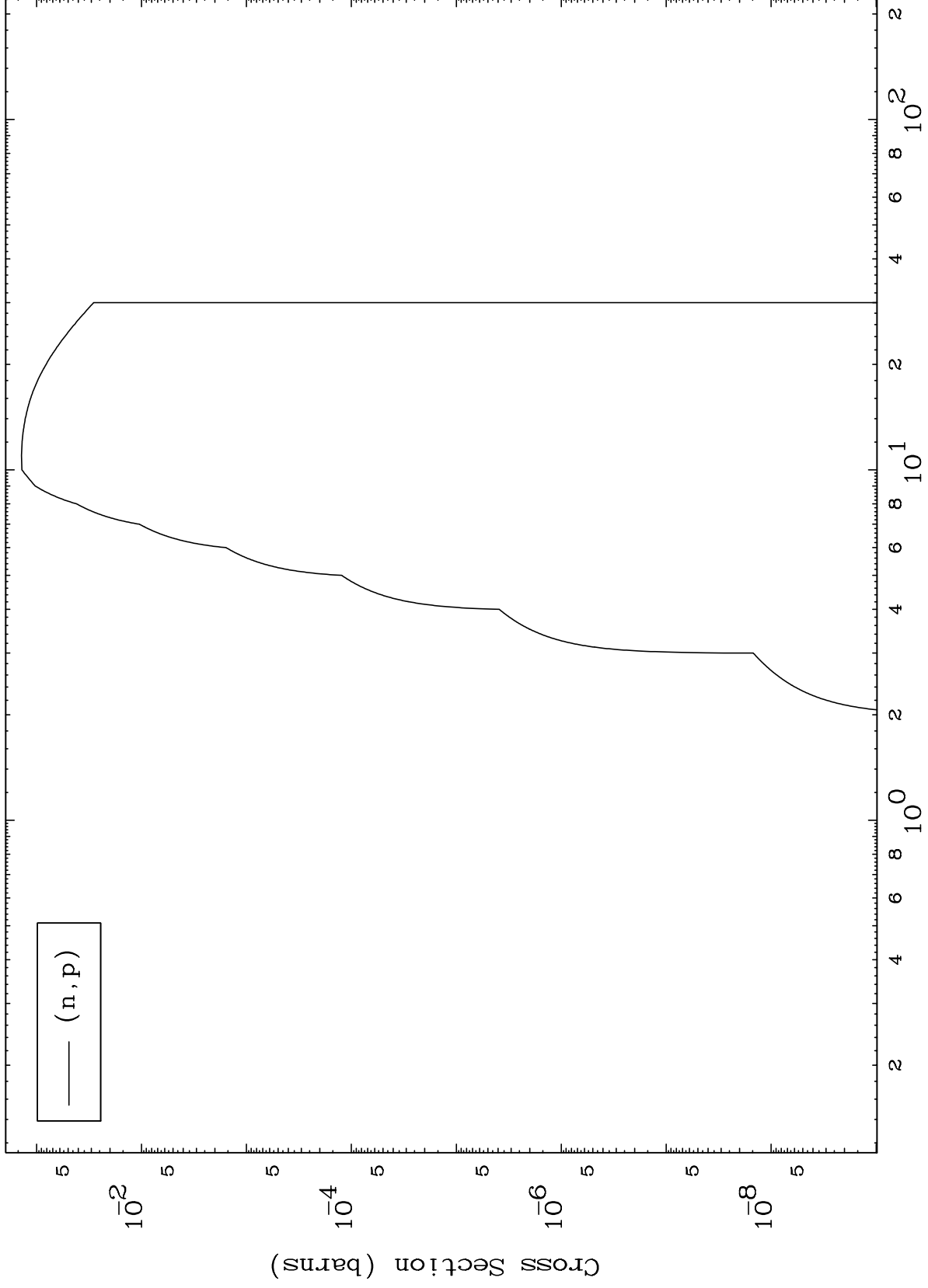




MAT 7025

(d,p) Levels
0 Kelvin Cross Sections

70-Yb-168

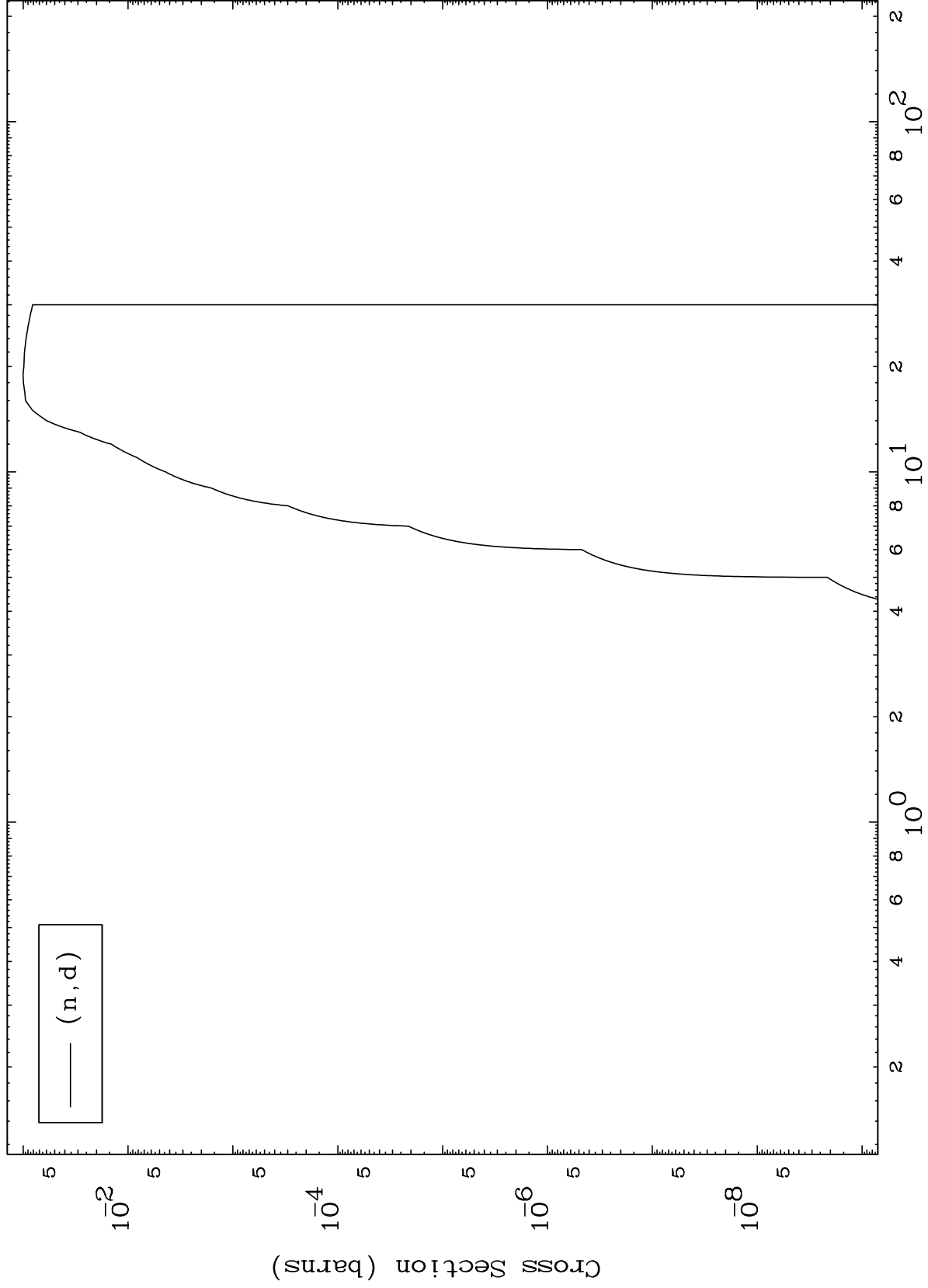


MAT 7025

(d,d) Levels

70-Yb-168

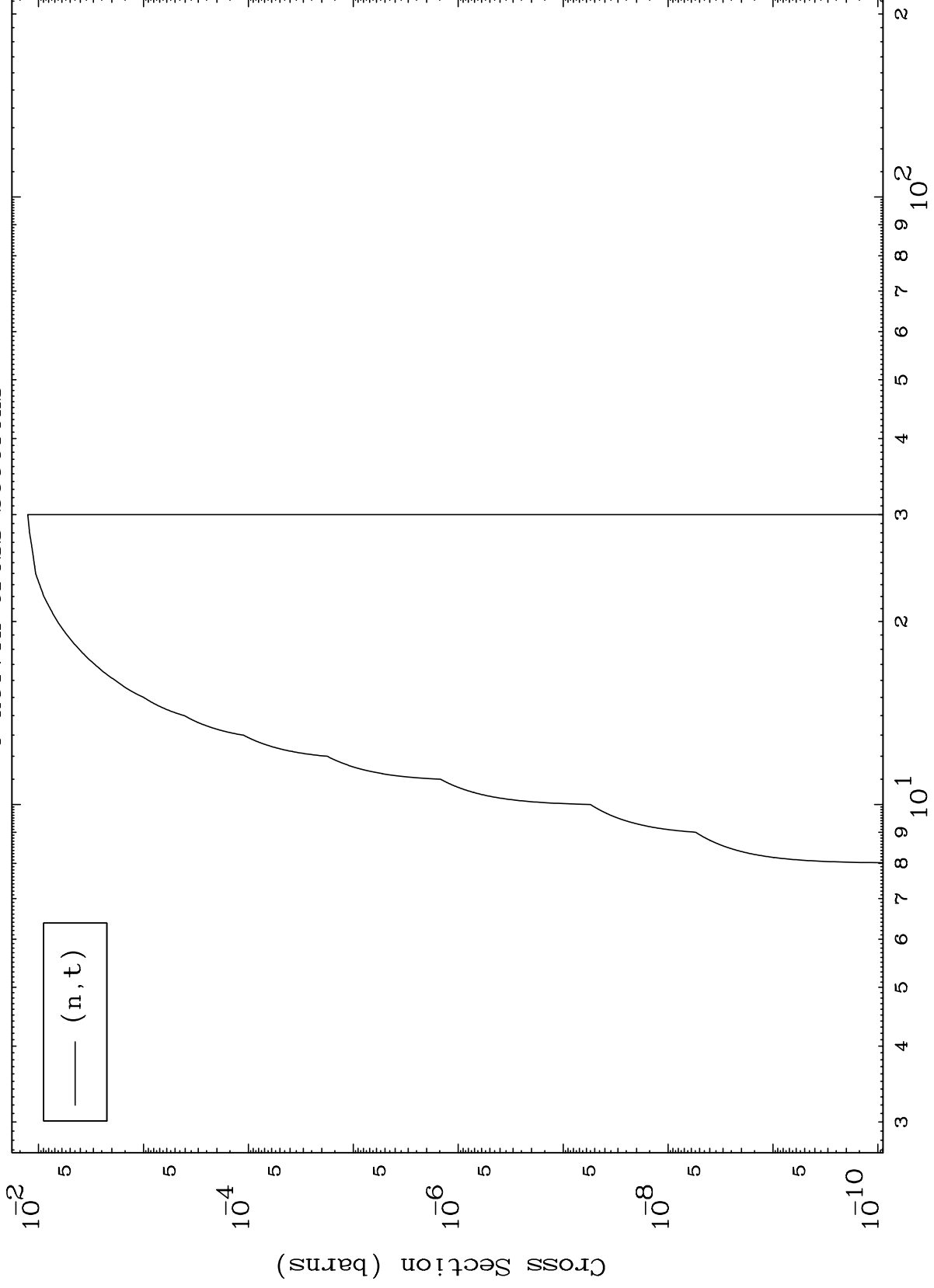
0 Kelvin Cross Sections



MAT 7025

(d, t) Levels
0 Kelvin Cross Sections

70-Yb-168



9

Incident Energy (MeV)

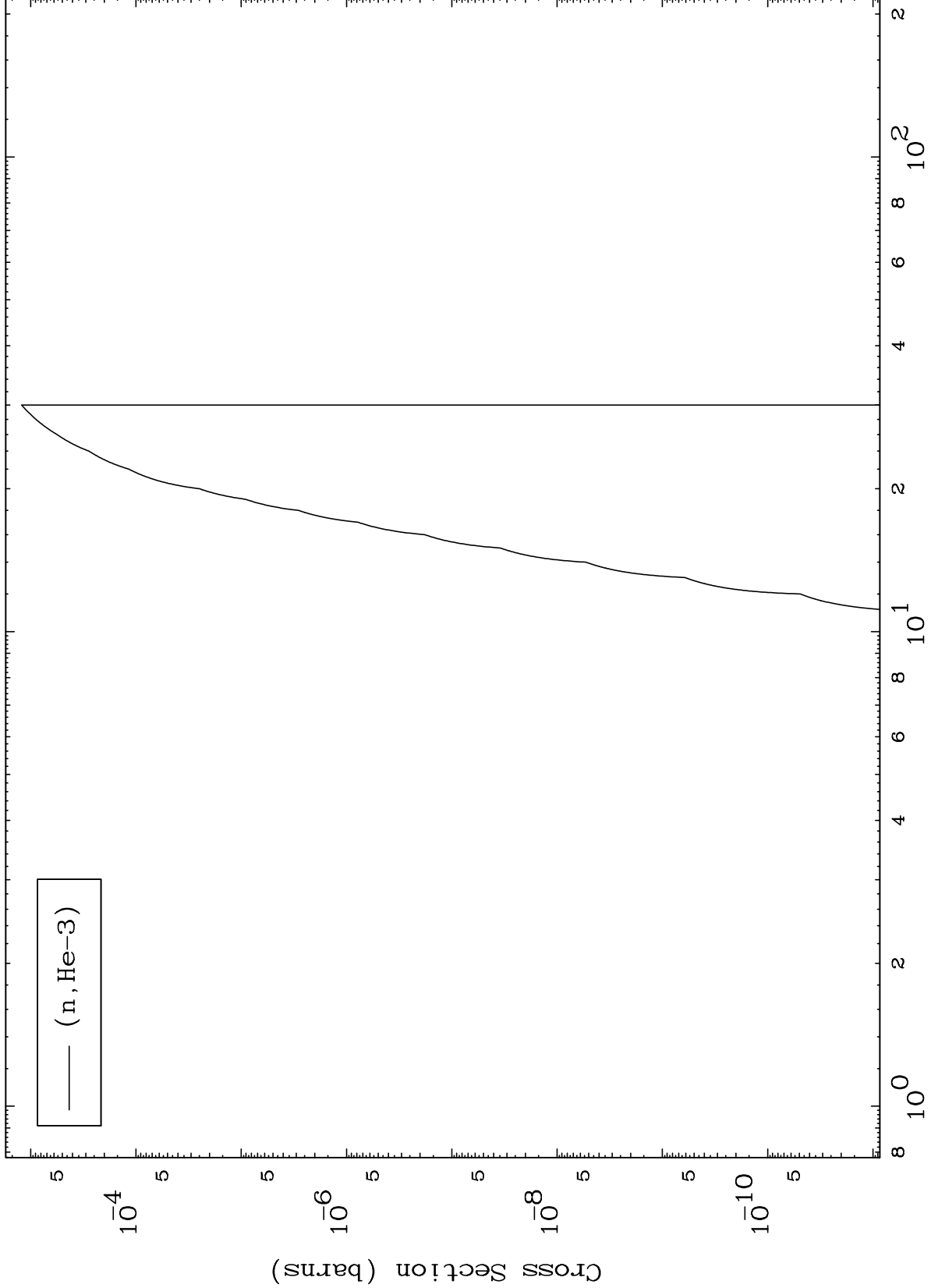
70-Yb-168

MAT 7025

(d,He3) Levels

70-Yb-168

0 Kelvin Cross Sections



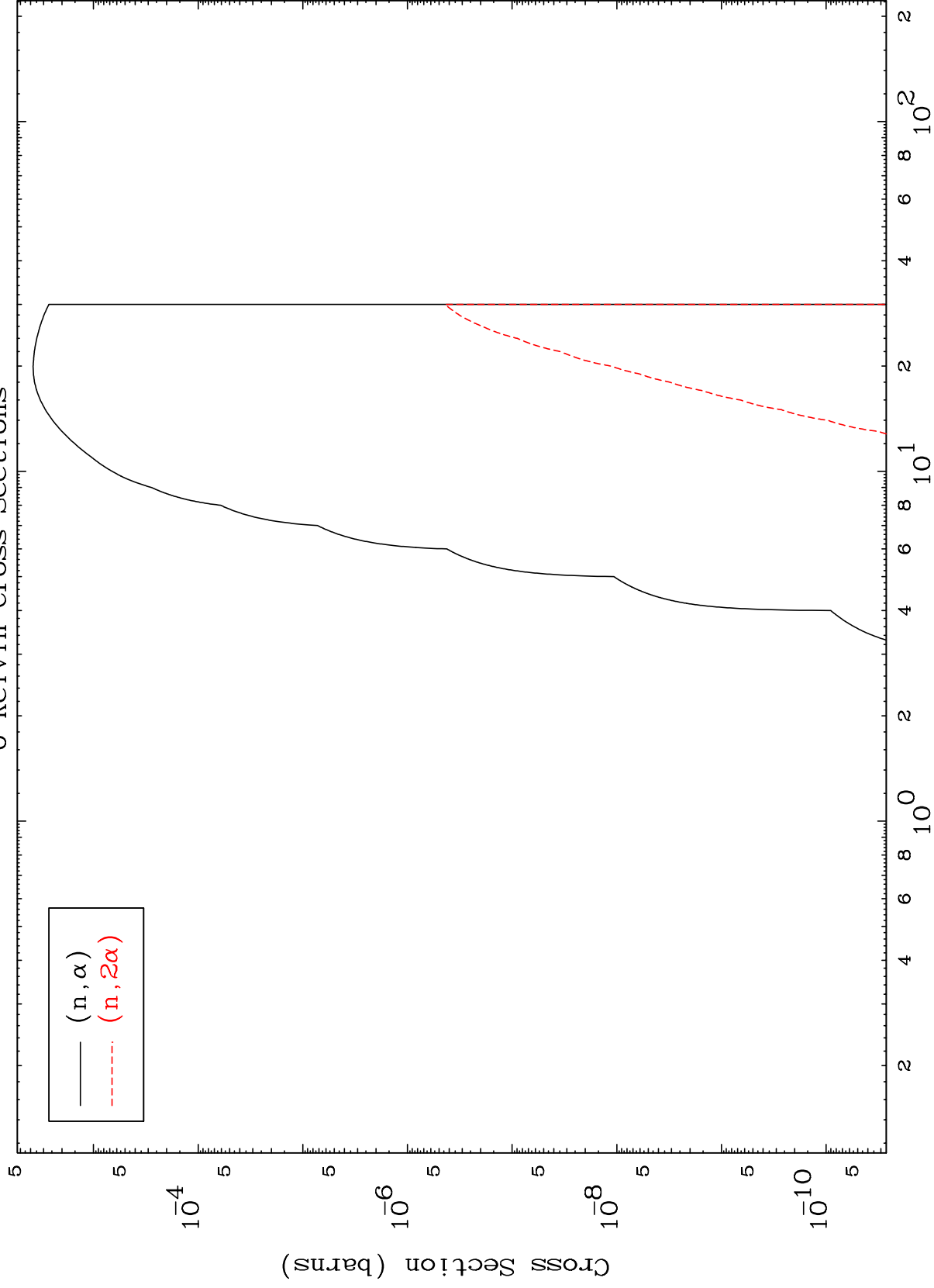
Incident Energy (MeV)

70-Yb-168

MAT 7025

(d, α) Levels
0 Kelvin Cross Sections

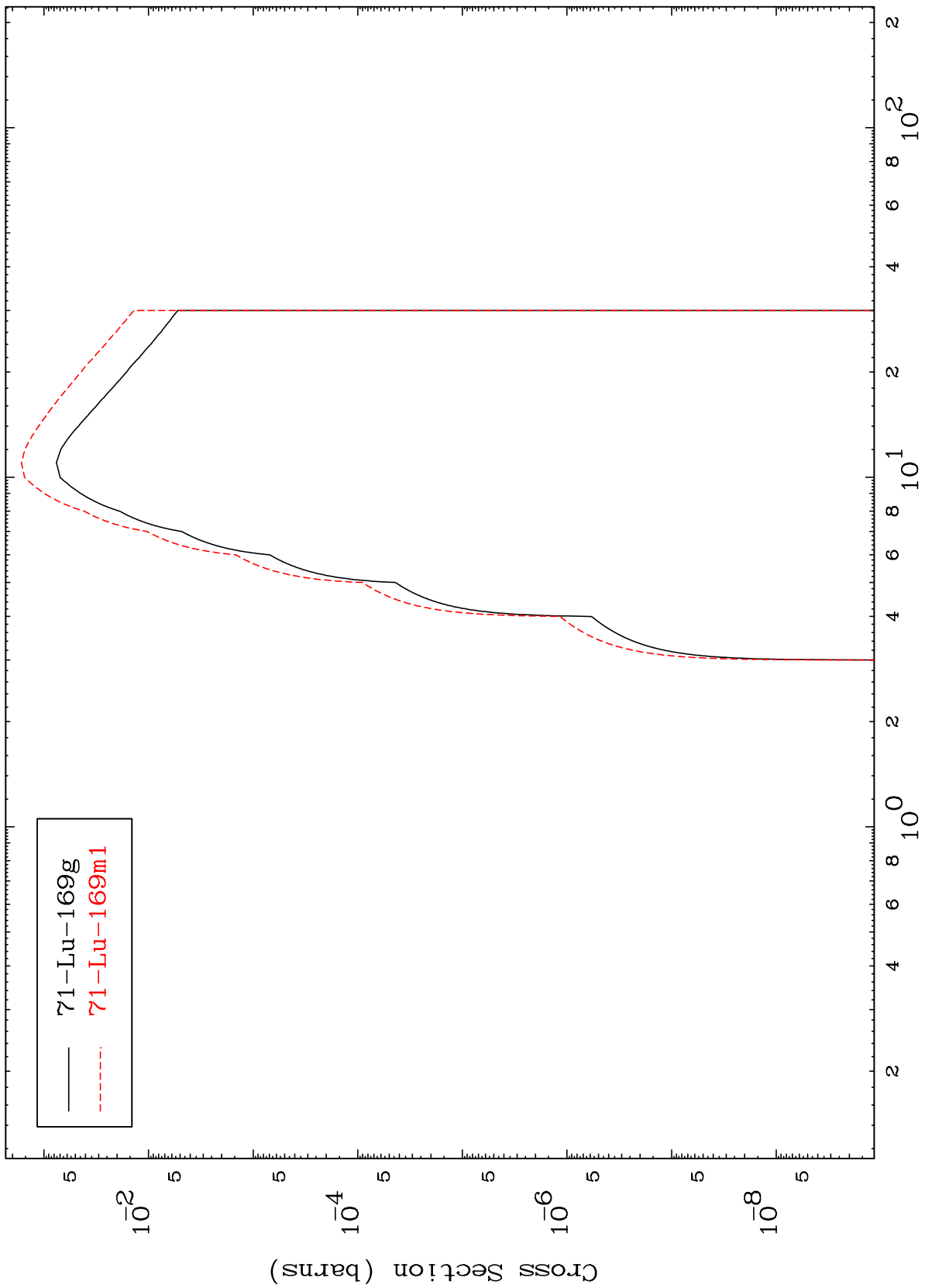
70-Yb-168



MAT 7025

70-Yb-168

Inelastic
Radionuclide Production Cross Section



— 71-Lu-169g
- - - 71-Lu-169m1

70-Yb-168

Incident Energy (MeV)

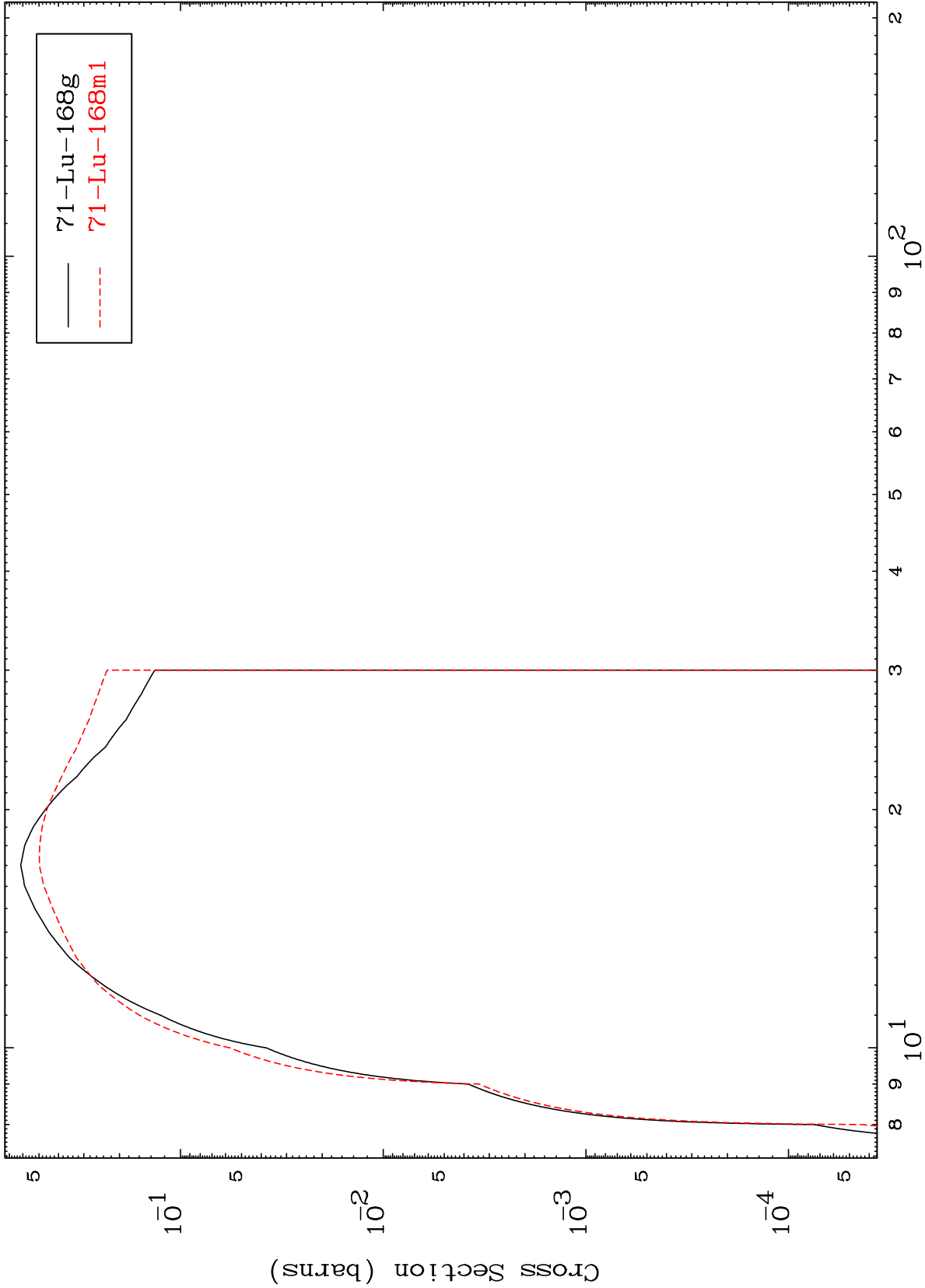
12

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(n,2n)

70-Yb-168

Radionuclide Production Cross Section



13

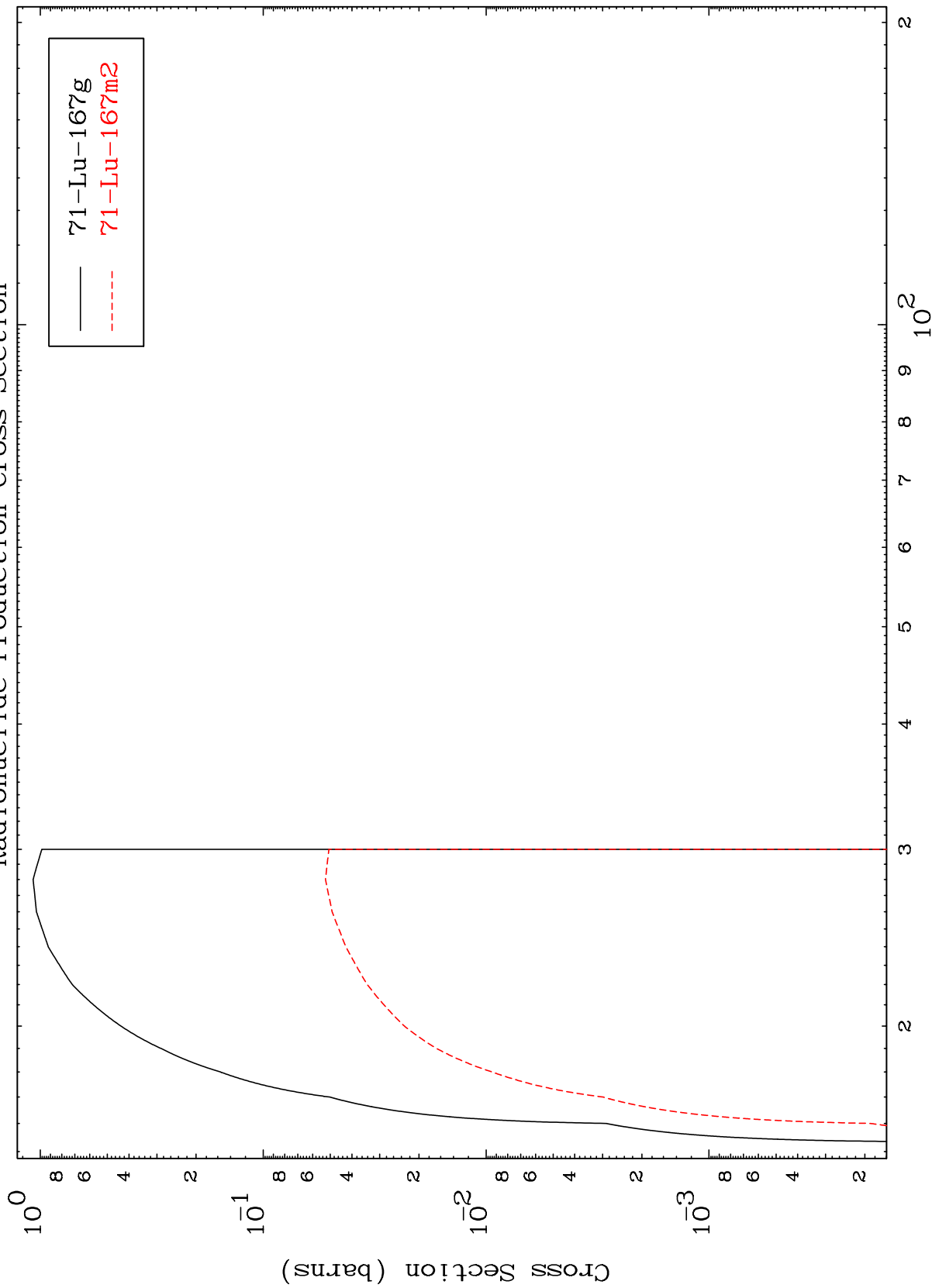
Incident Energy (MeV)

70-Yb-168

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70-Yb-168

(n,3n)
Radionuclide Production Cross Section



70-Yb-168

Incident Energy (MeV)

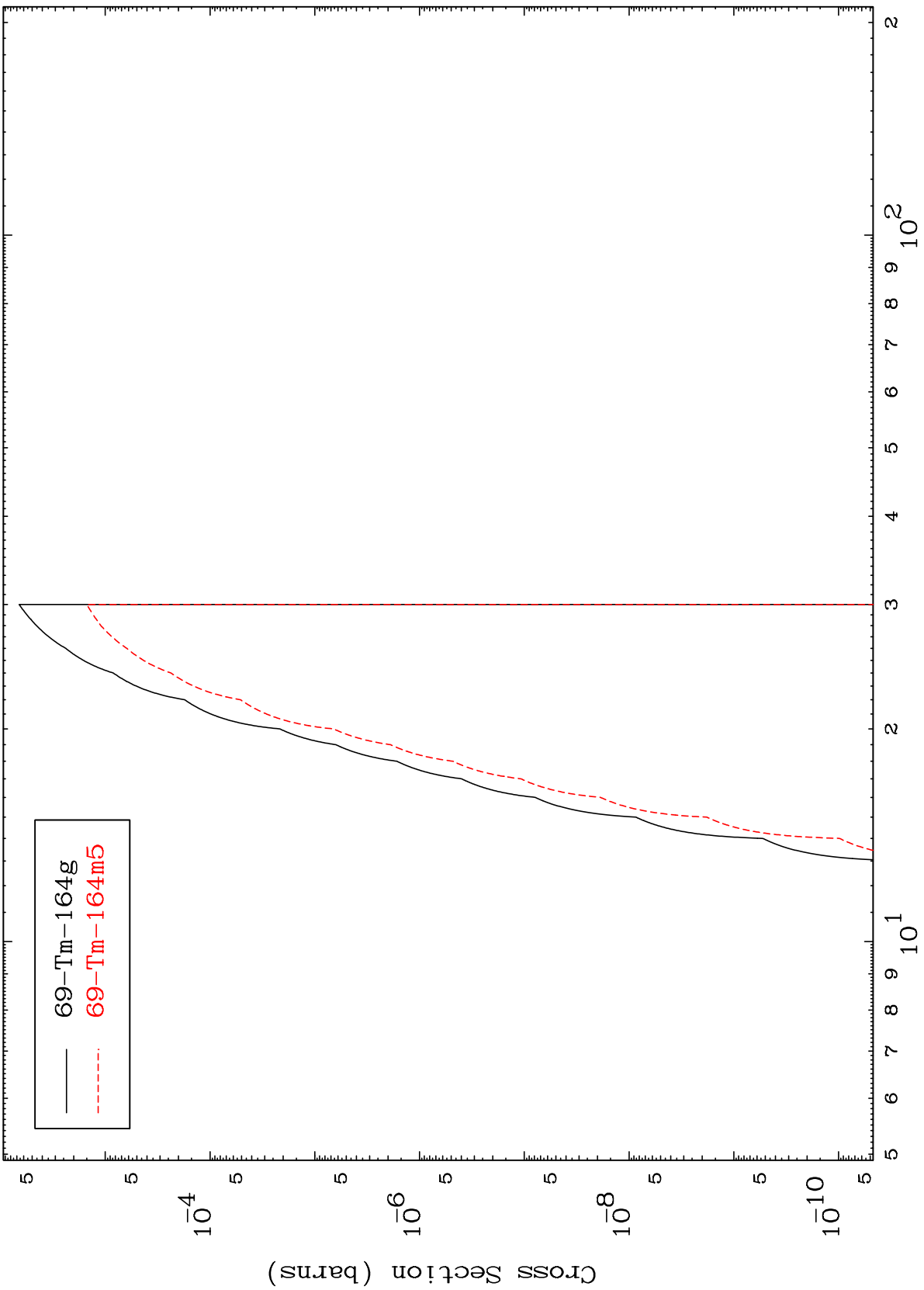
14

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$(n,2n) \alpha$

70-Yb-168

Radionuclide Production Cross Section



15

Incident Energy (MeV)

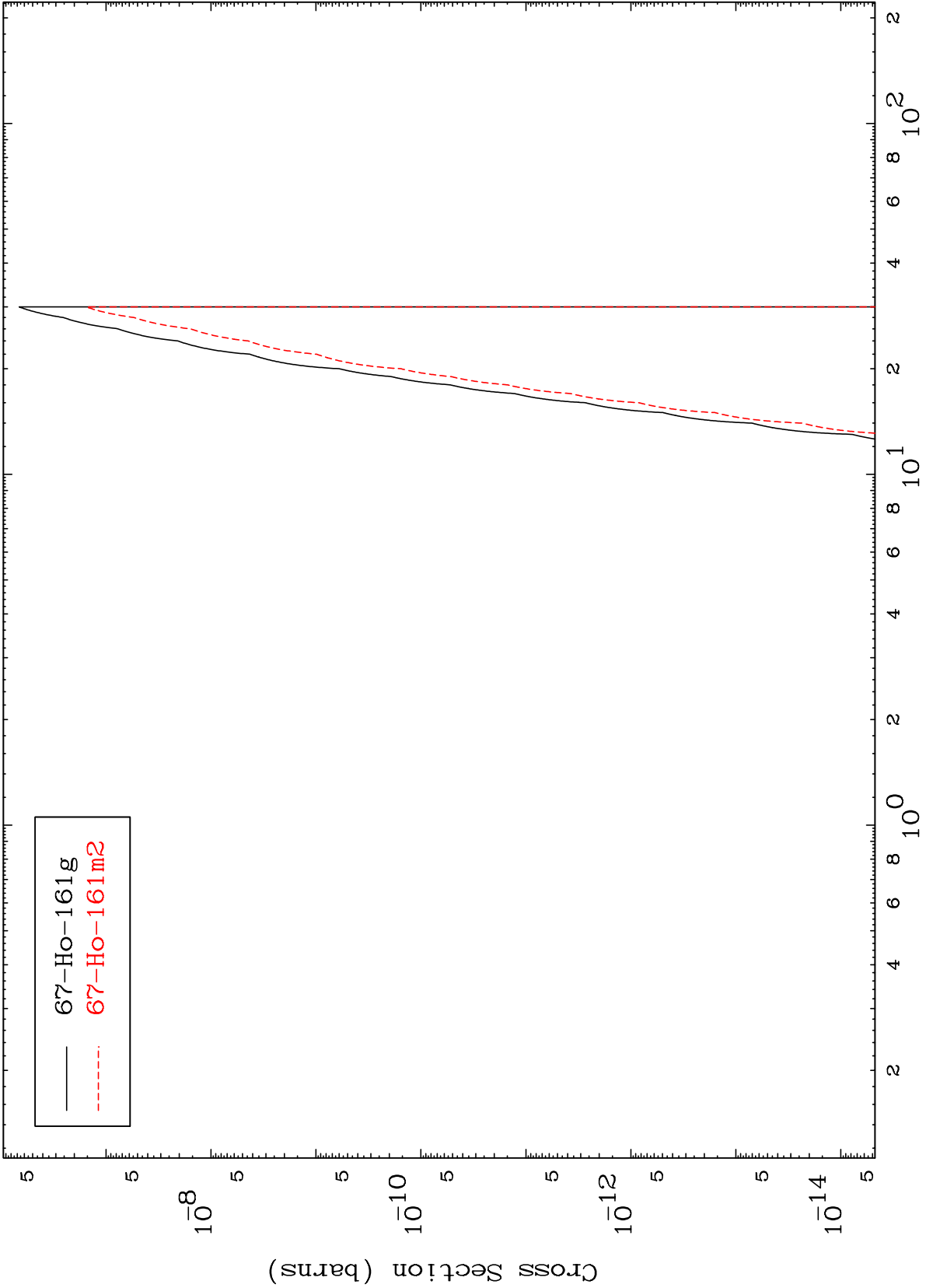
70-Yb-168

MAT 7025

(n,n') 2α

70-Yb-168

Radionuclide Production Cross Section



16

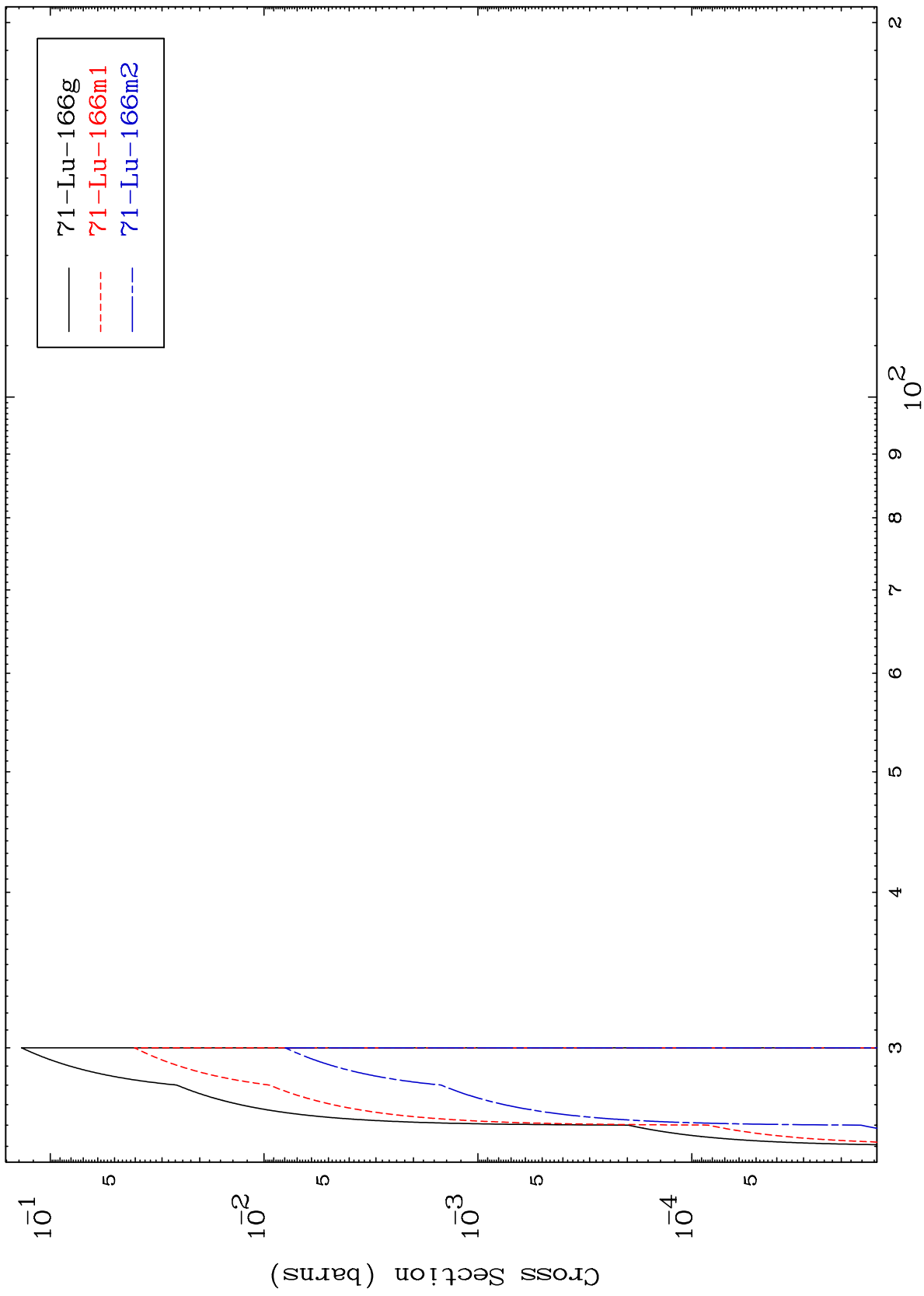
Incident Energy (MeV)

70-Yb-168

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70-Yb-168

(n,4n)
Radionuclide Production Cross Section



17

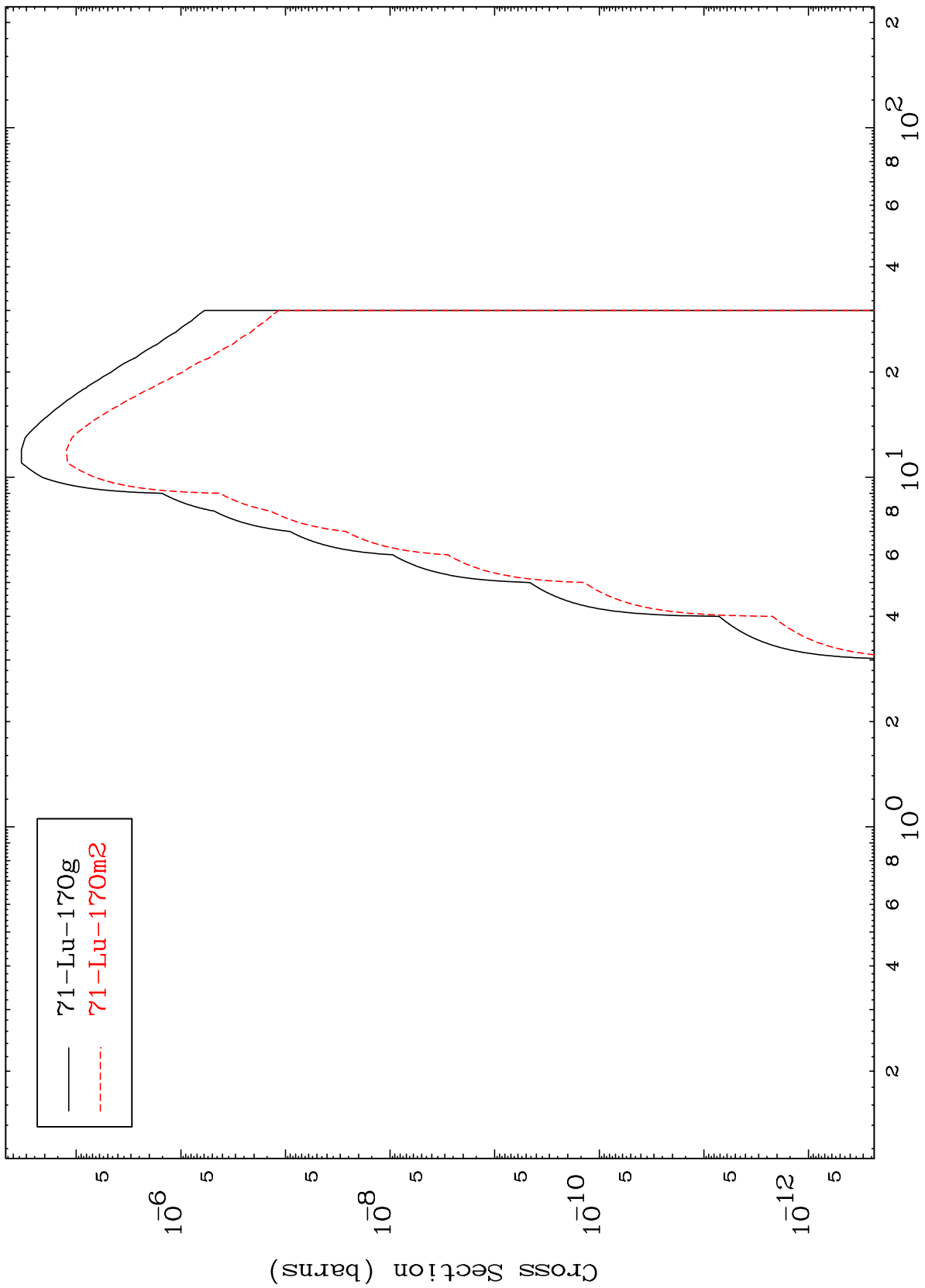
Incident Energy (MeV)

70-Yb-168

MAT 7025

70-Yb-168

(n,γ)
Radionuclide Production Cross Section



— 71-Lu-170g
- - - 71-Lu-170m2

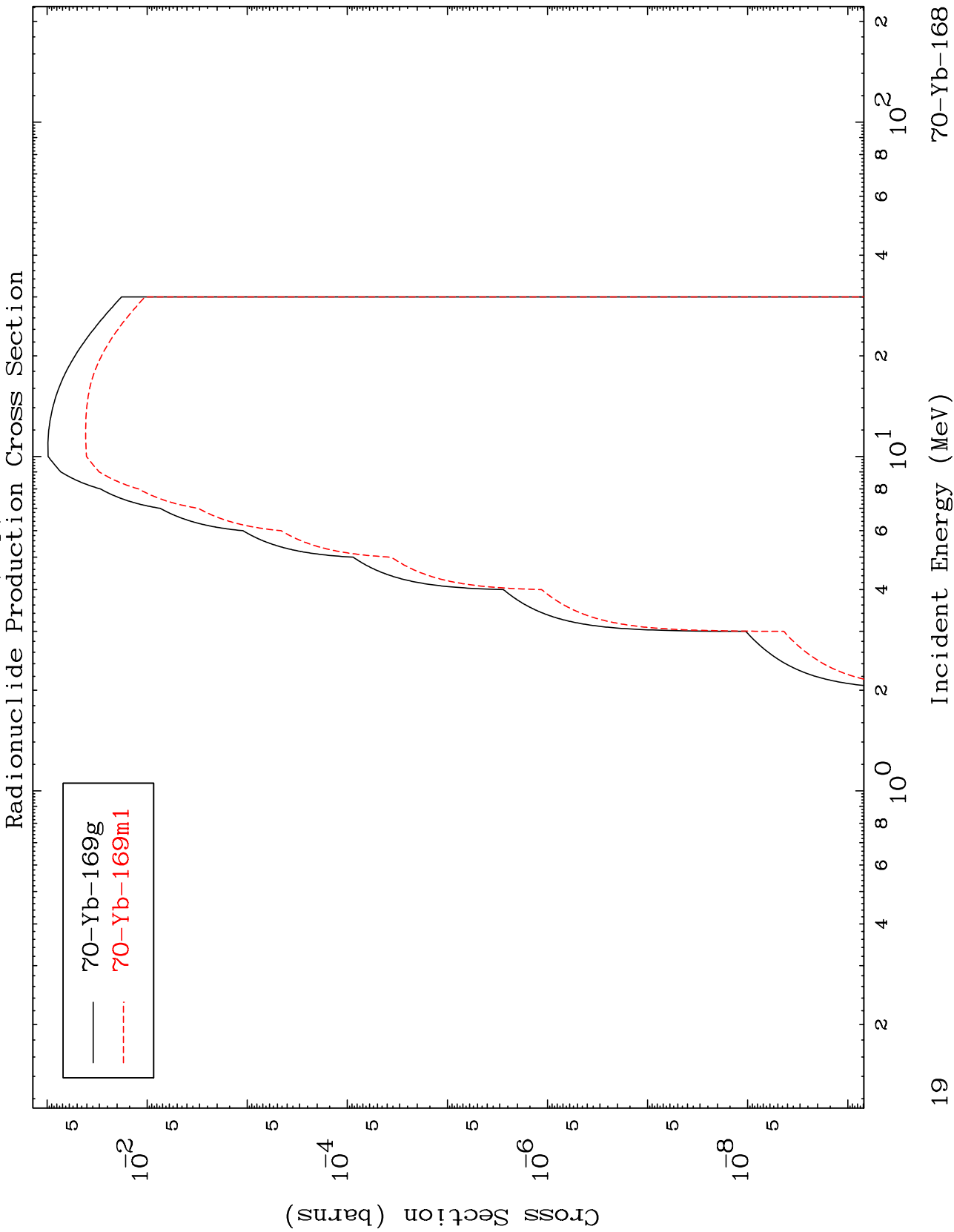
70-Yb-168

Incident Energy (MeV)

18

MAT 7025

⁷⁰Yb-168



MAT 7025

(n,2α)

70-Yb-168

Radionuclide Production Cross Section

