

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

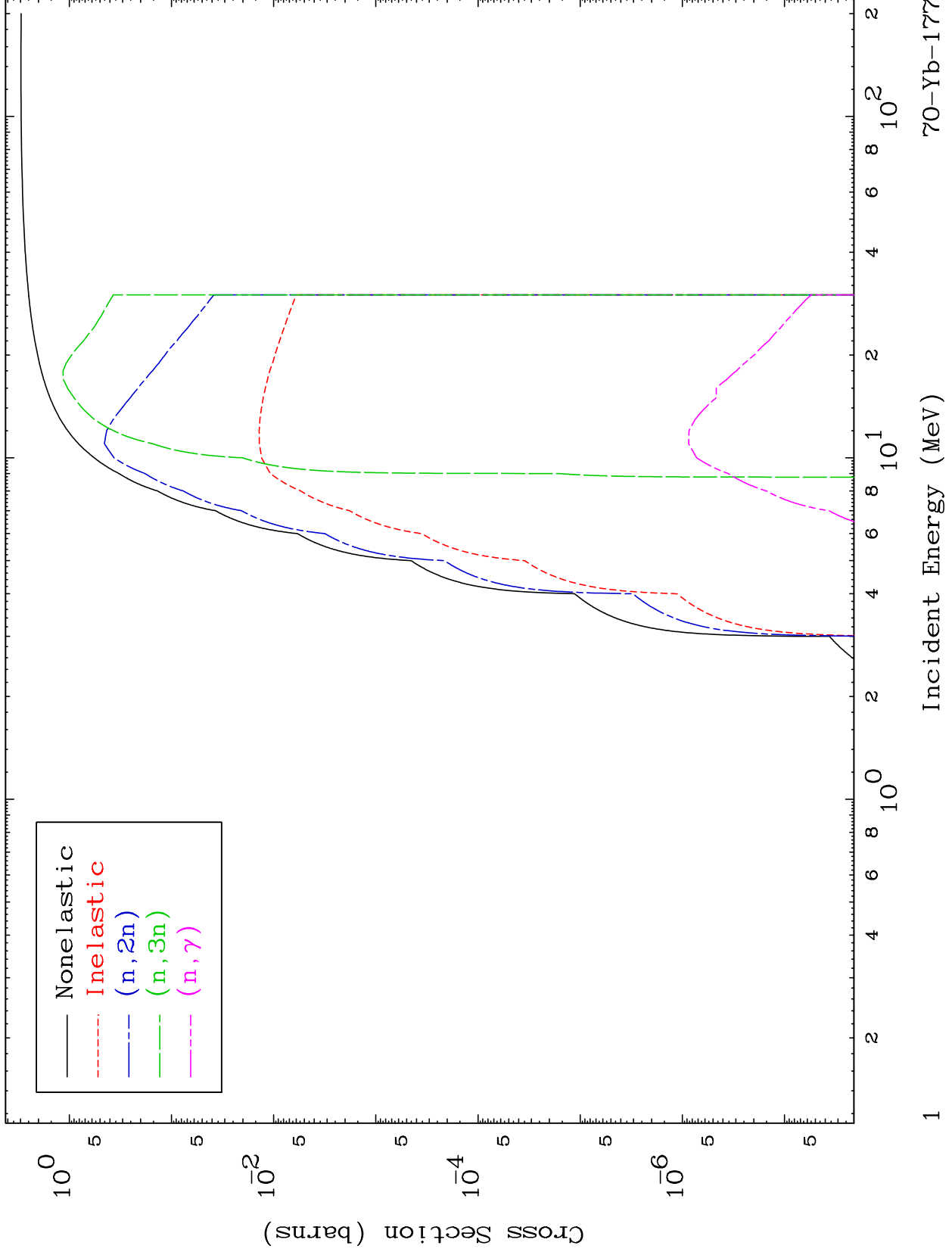
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Web:redcullen1.net/HOMEPAGE.NEW

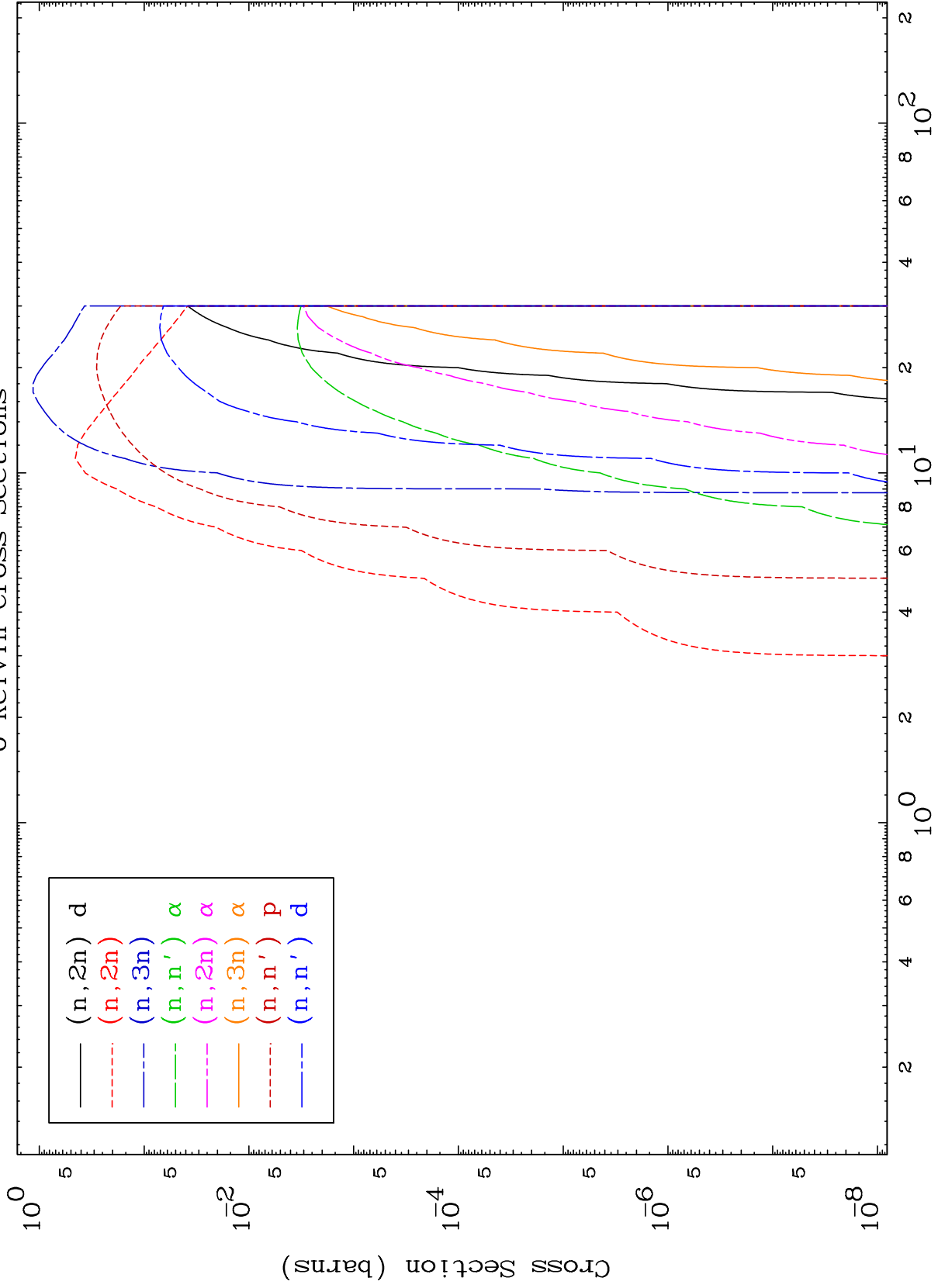
Press Mouse Button to Start



MAT 7052

Deuteron Neutron Absorption
0 Kelvin Cross Sections

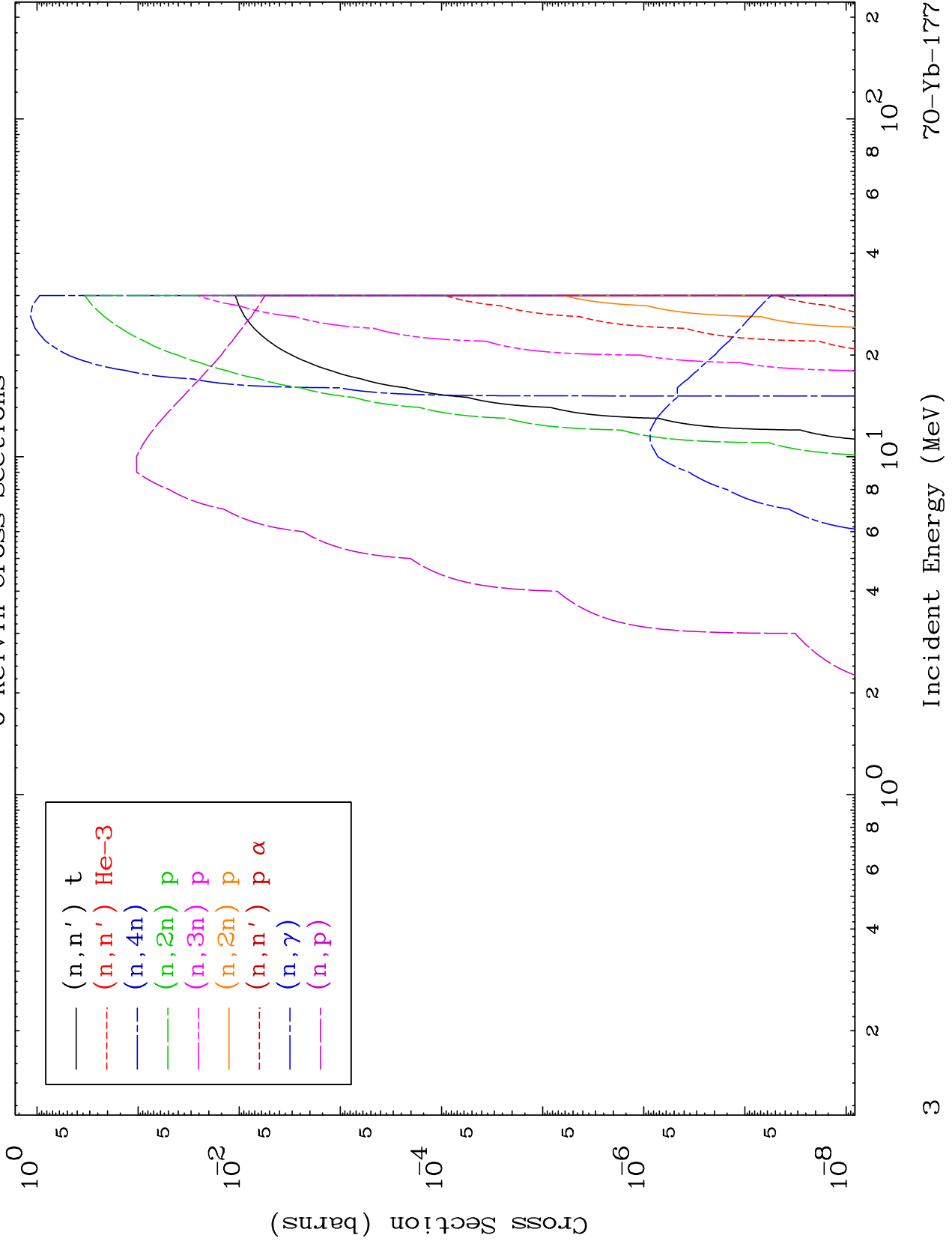
70-Yb-177

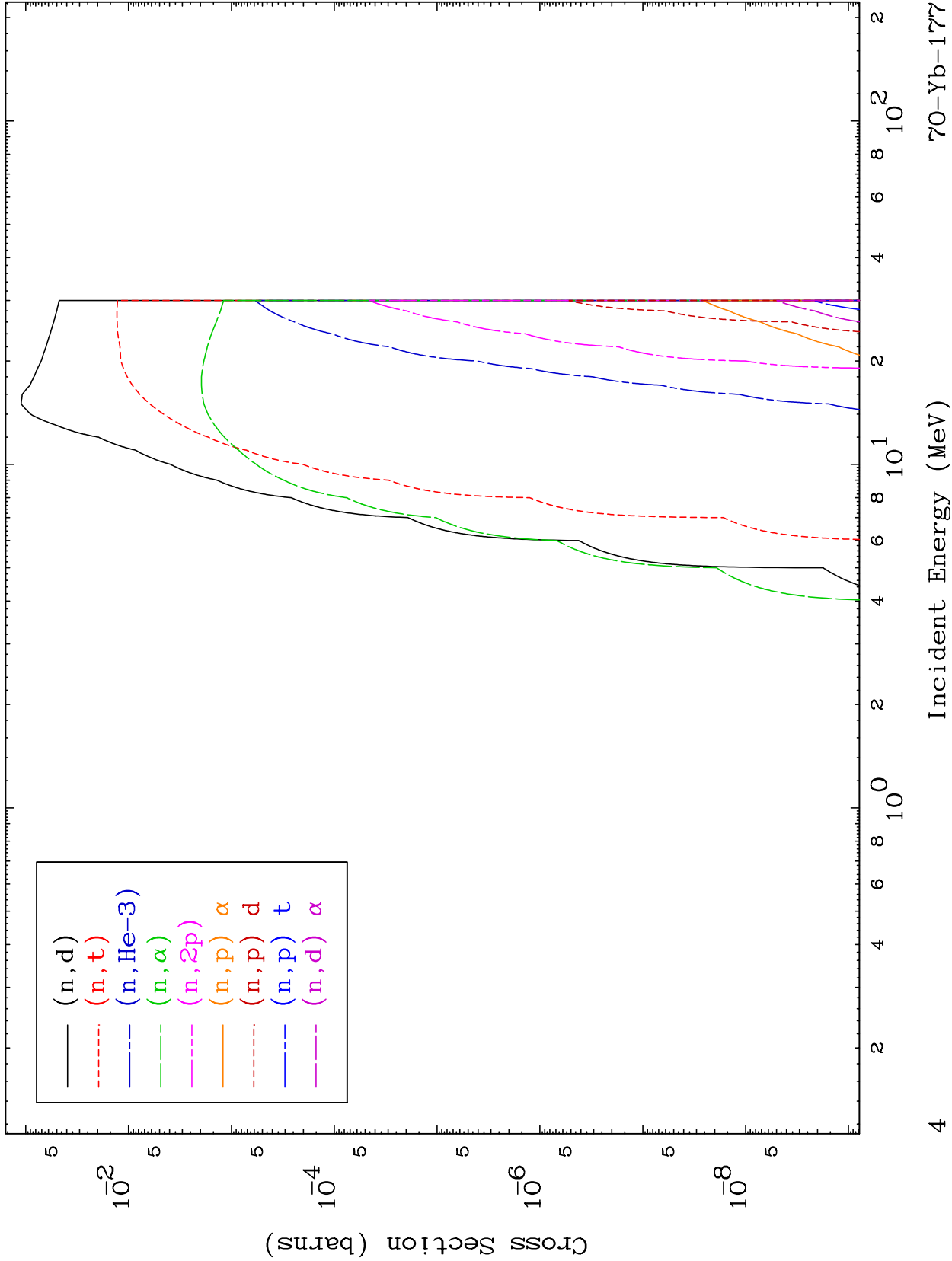


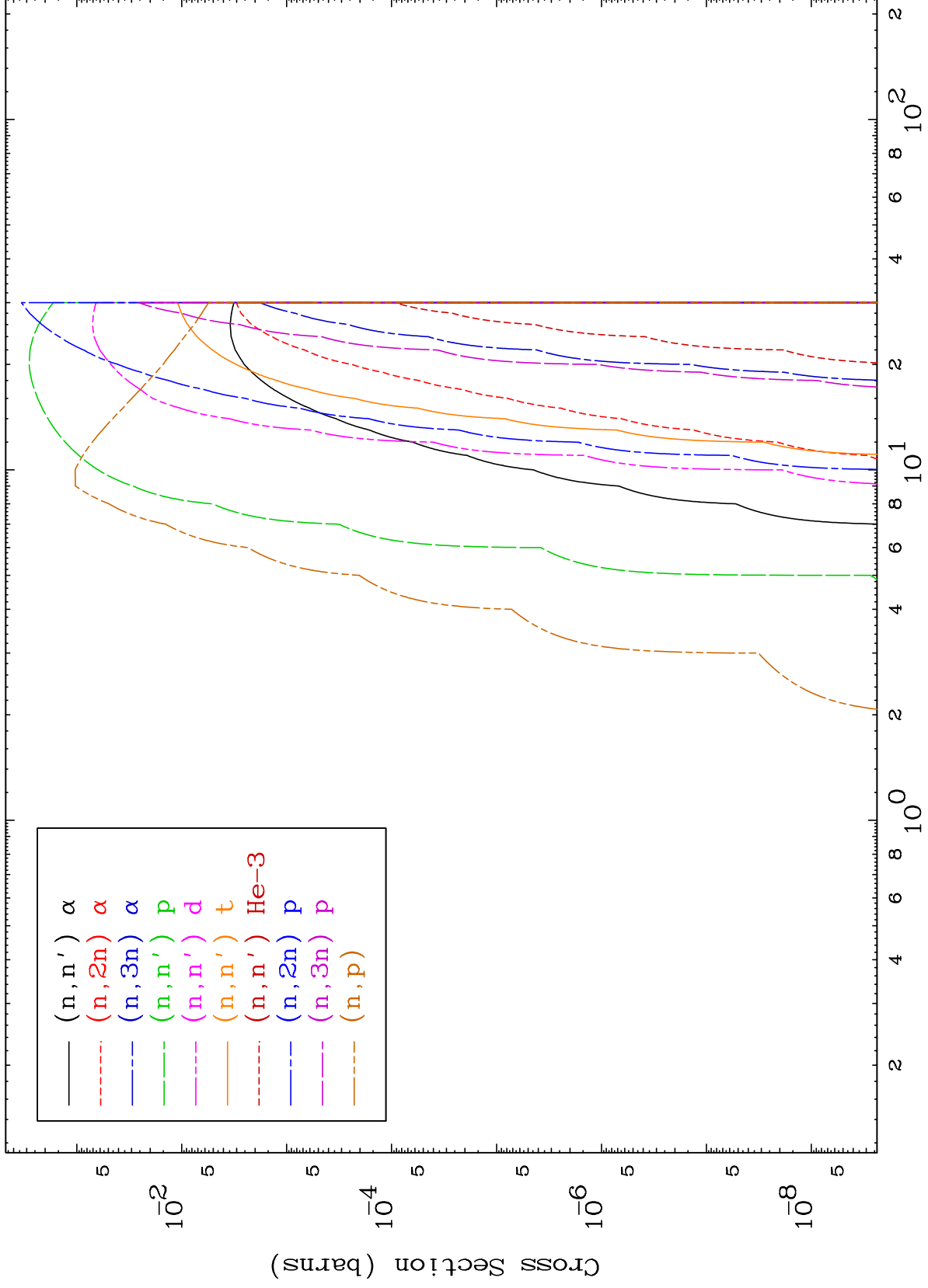
MAT 7052

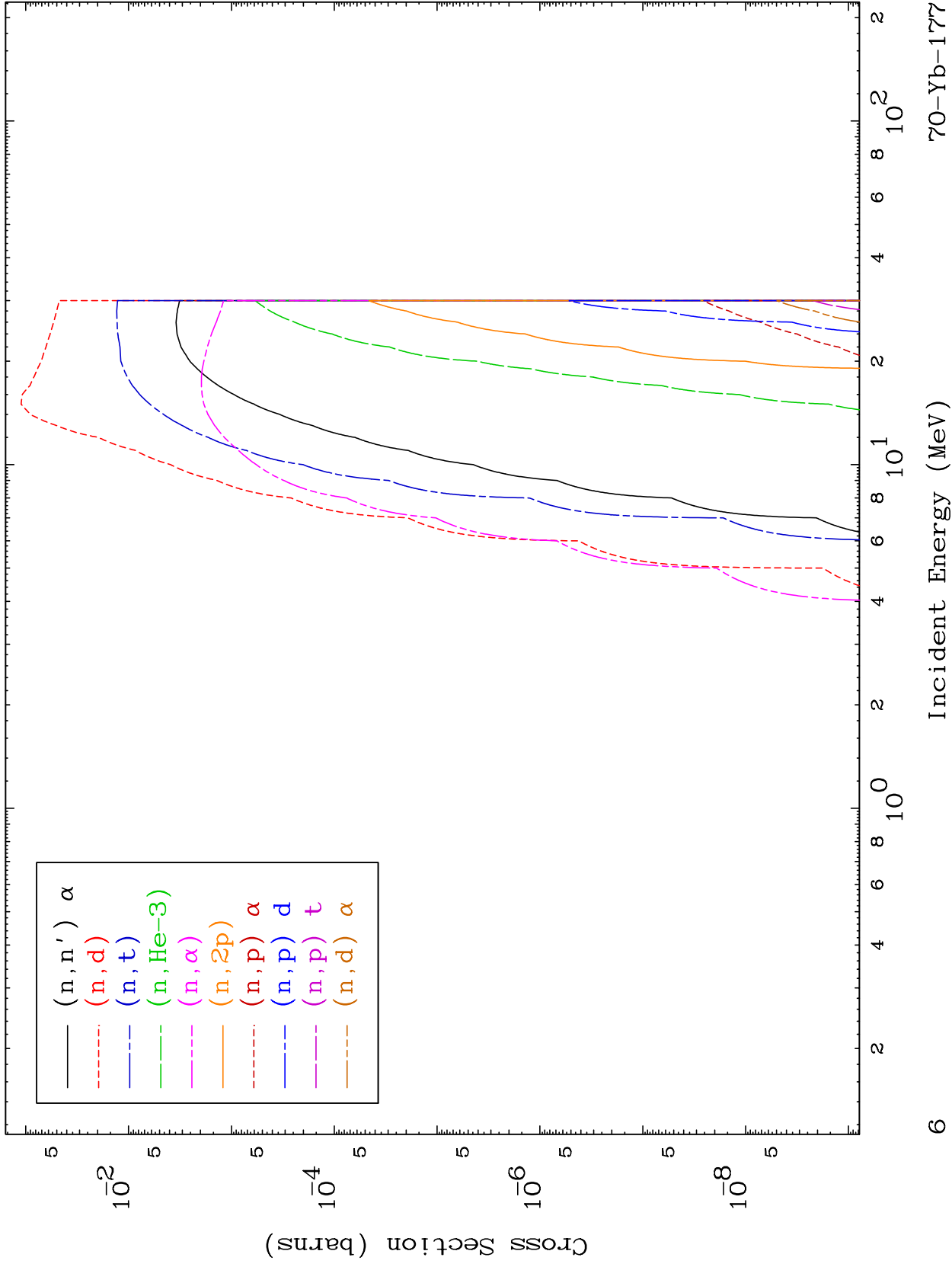
Deuteron Neutron Absorption
0 Kelvin Cross Sections

70-Yb-177





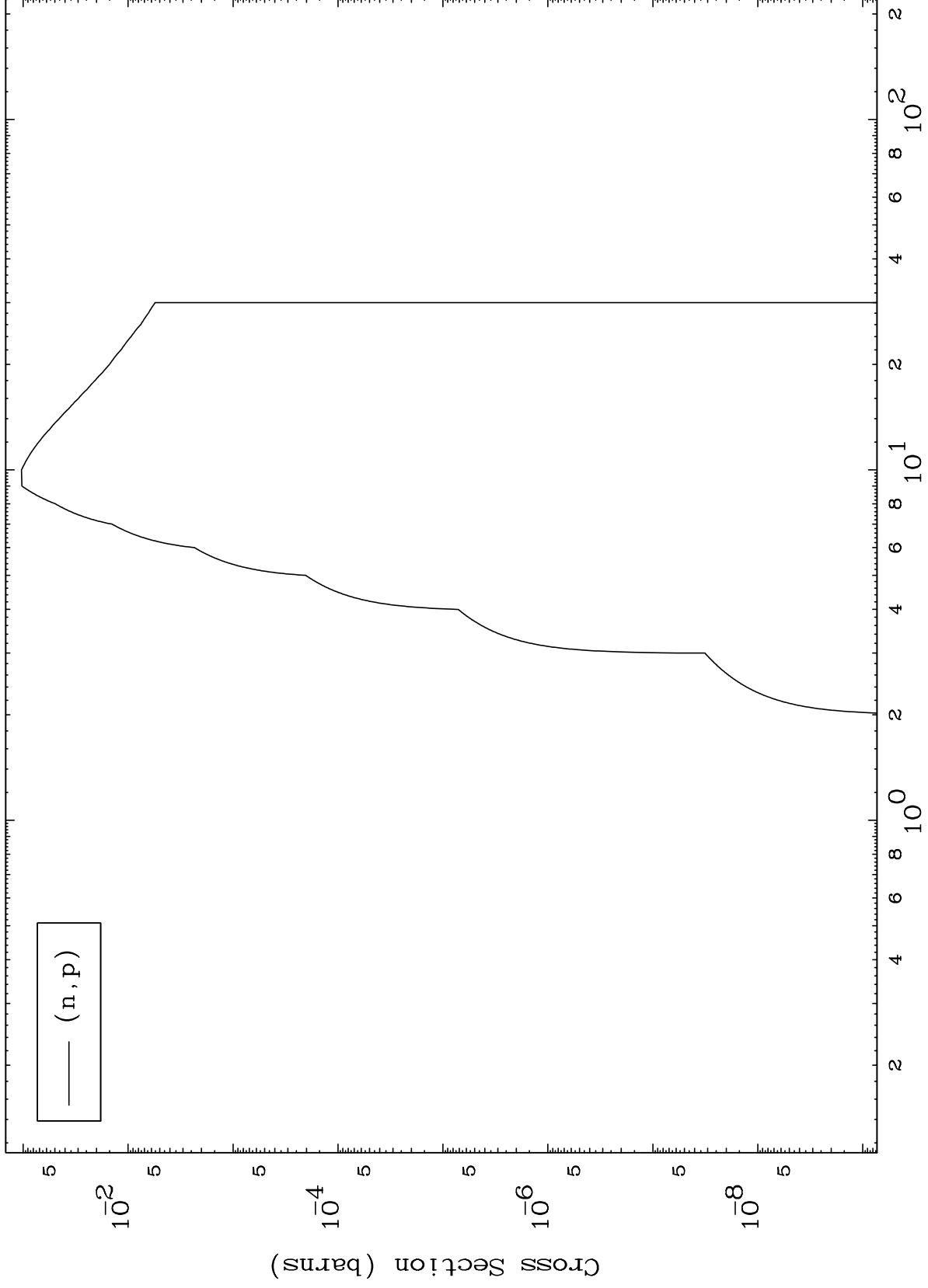




MAT 7052

(d,p) Levels
0 Kelvin Cross Sections

70-Yb-177

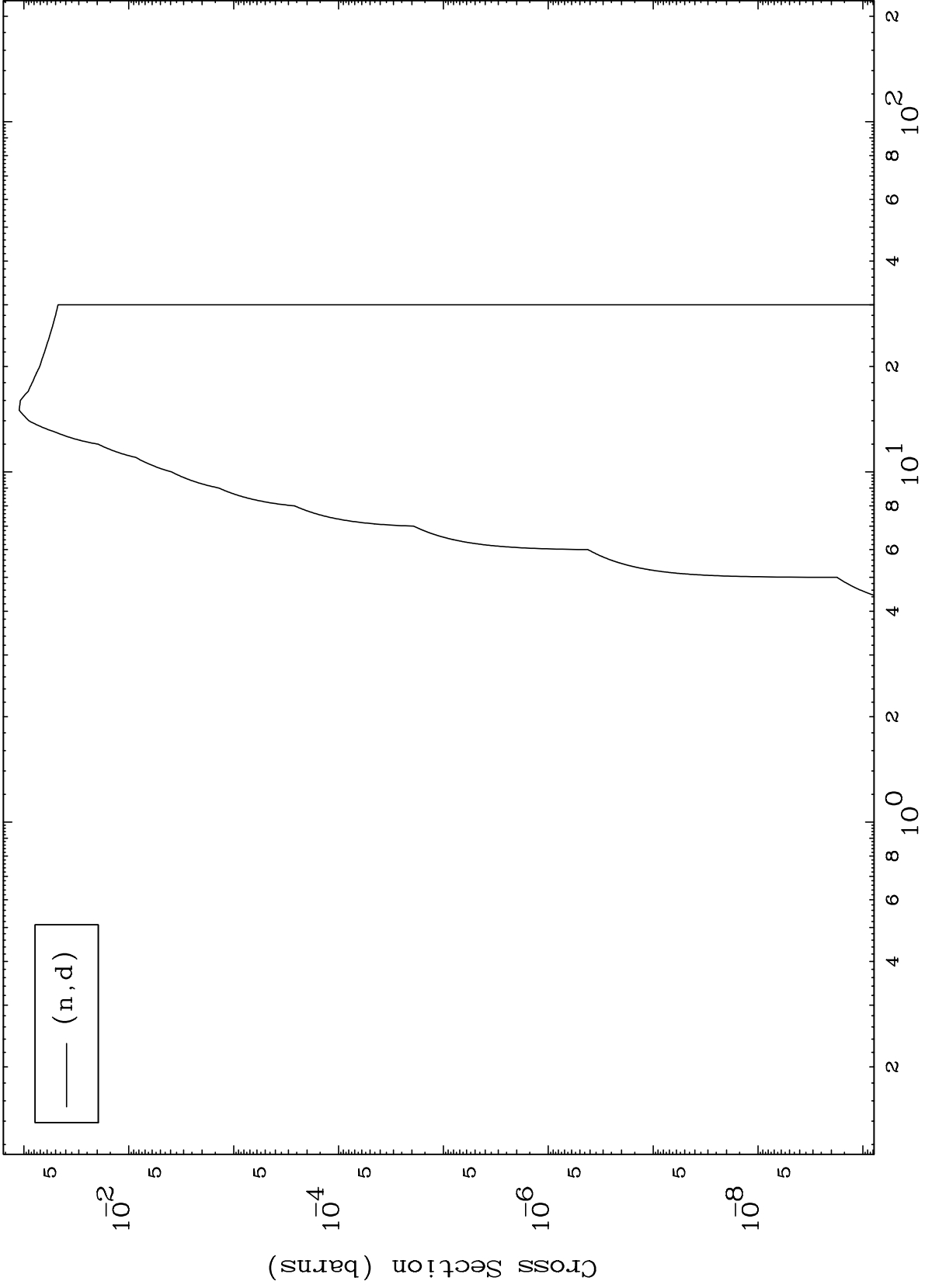


MAT 7052

(d,d) Levels

⁷⁰Yb-177

0 Kelvin Cross Sections

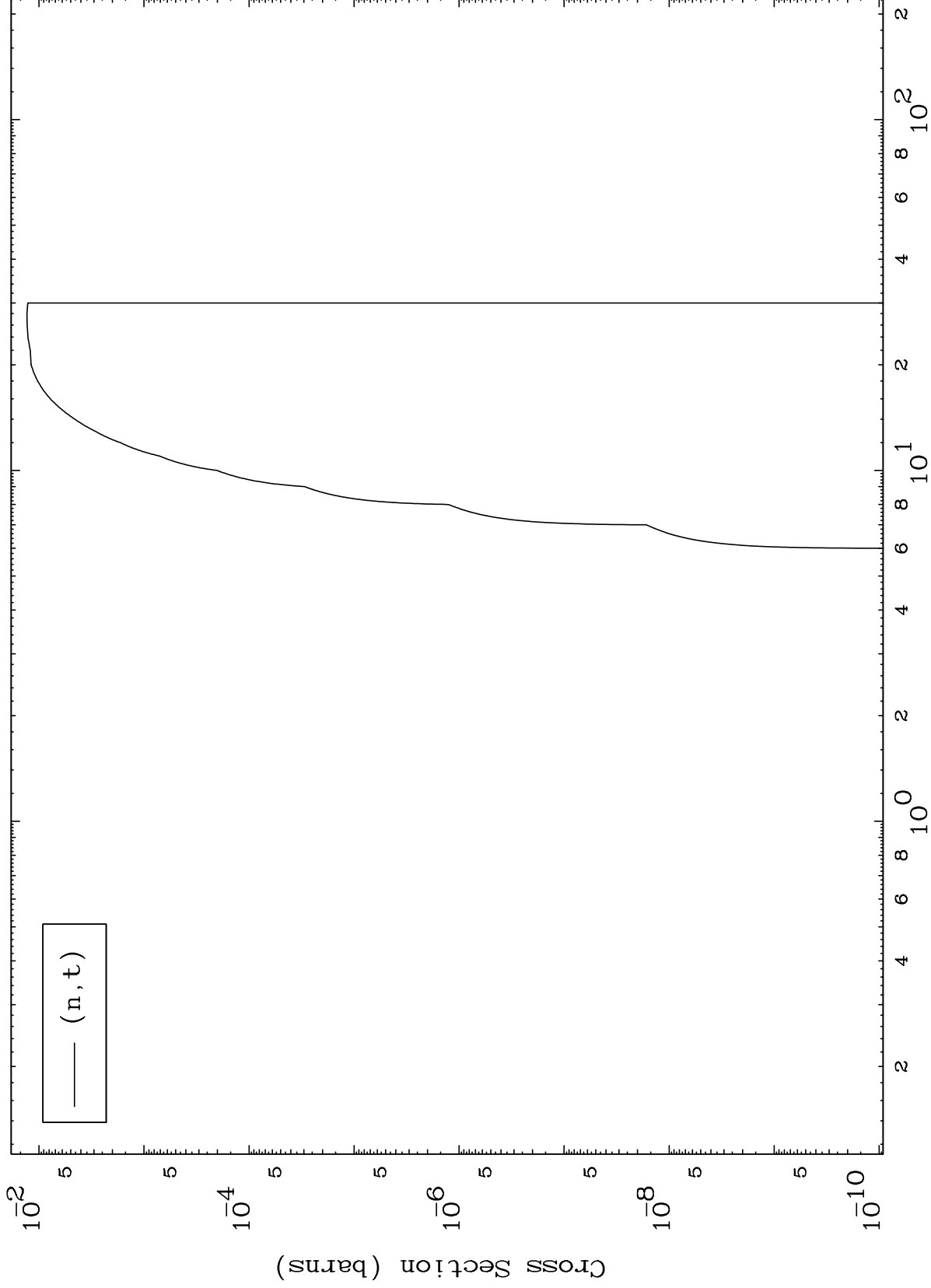


MAT 7052

(d,t) Levels

70-Yb-177

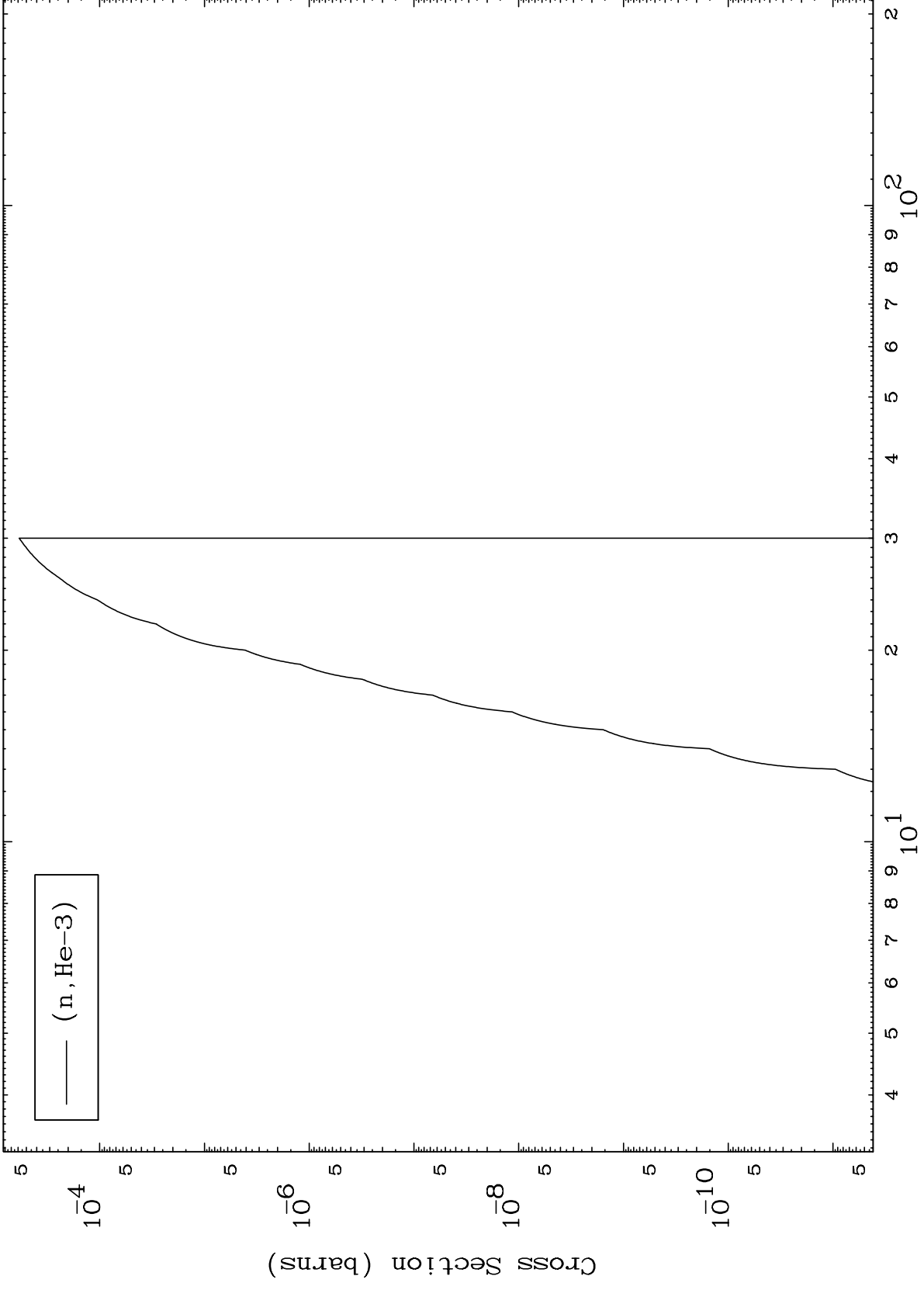
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

70-Yb-177



10

Incident Energy (MeV)

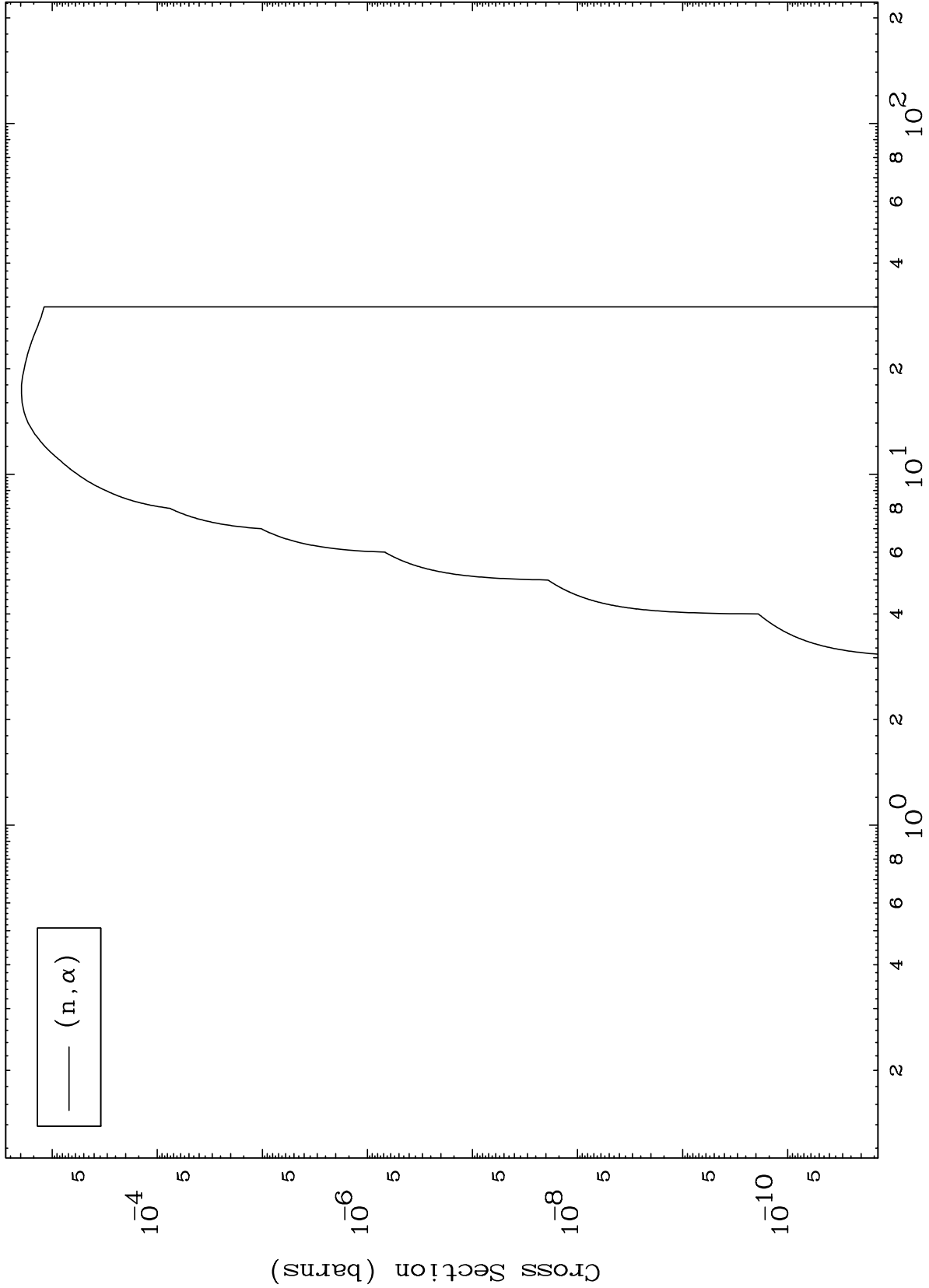
70-Yb-177

MAT 7052

(d, α) Levels

70-Yb-177

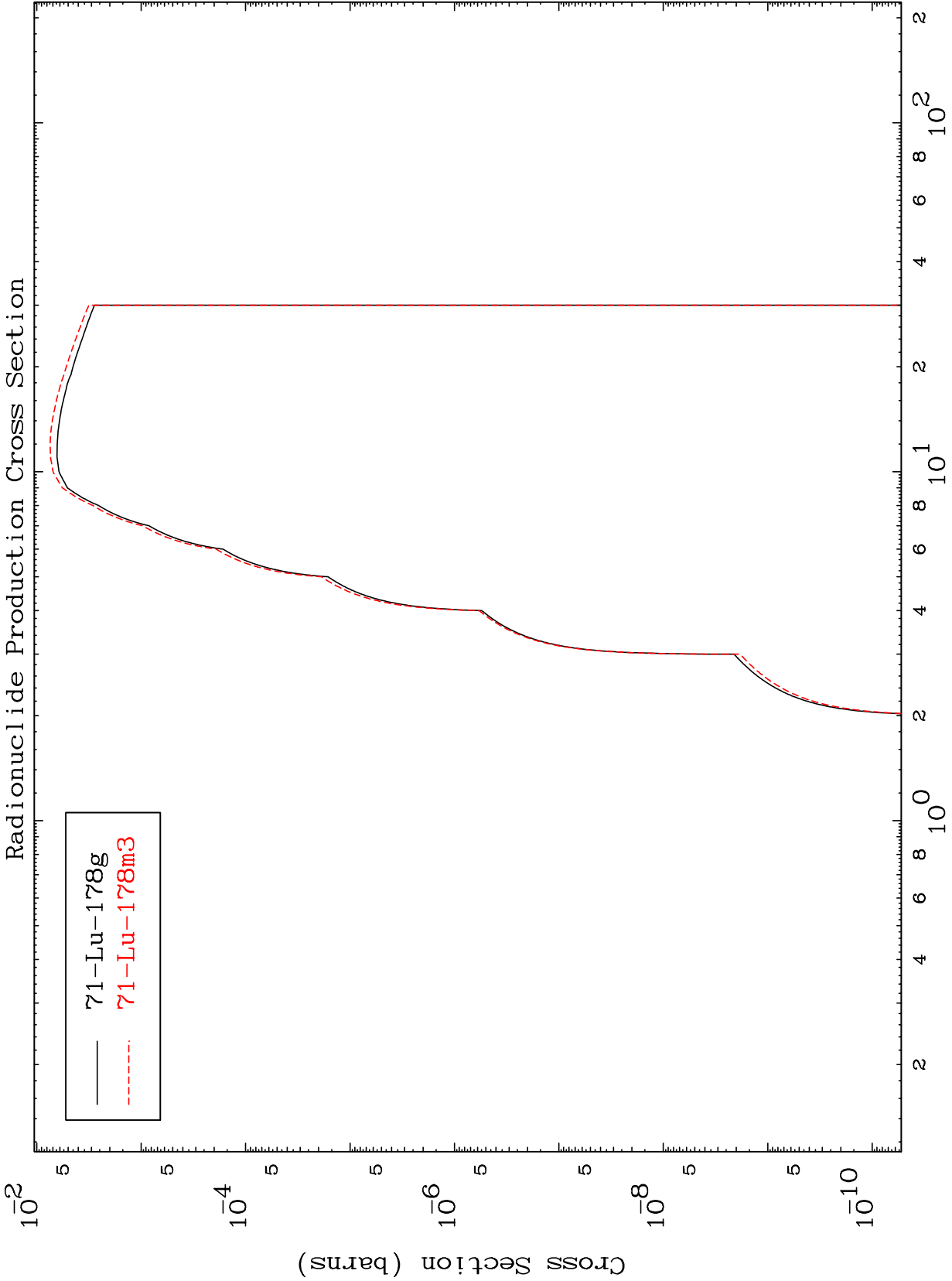
0 Kelvin Cross Sections



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70-Yb-177

Inelastic
Radionuclide Production Cross Section



70-Yb-177

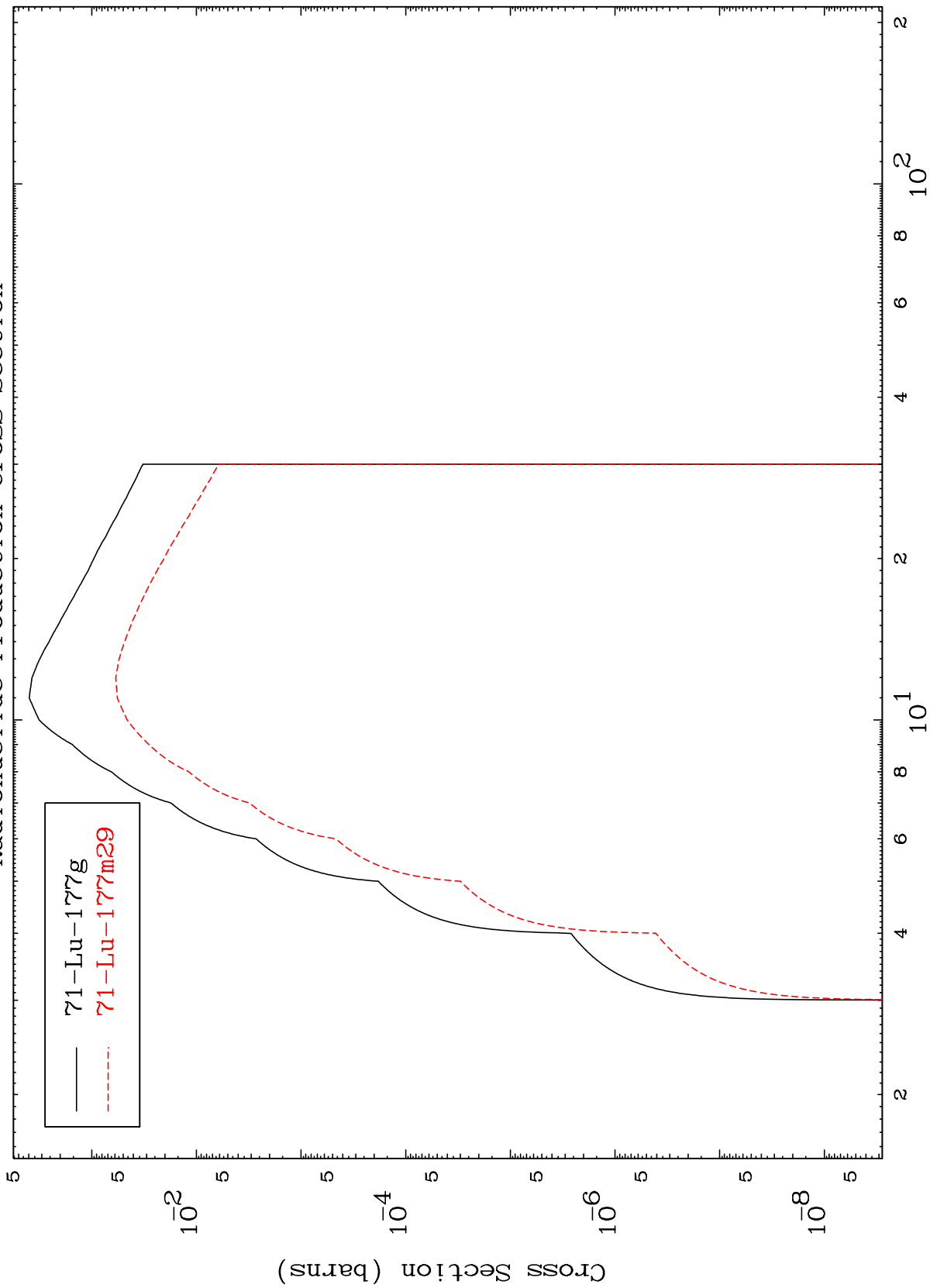
Incident Energy (MeV)

12

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70-Yb-177

Radionuclide Production Cross Section
(n,2n)



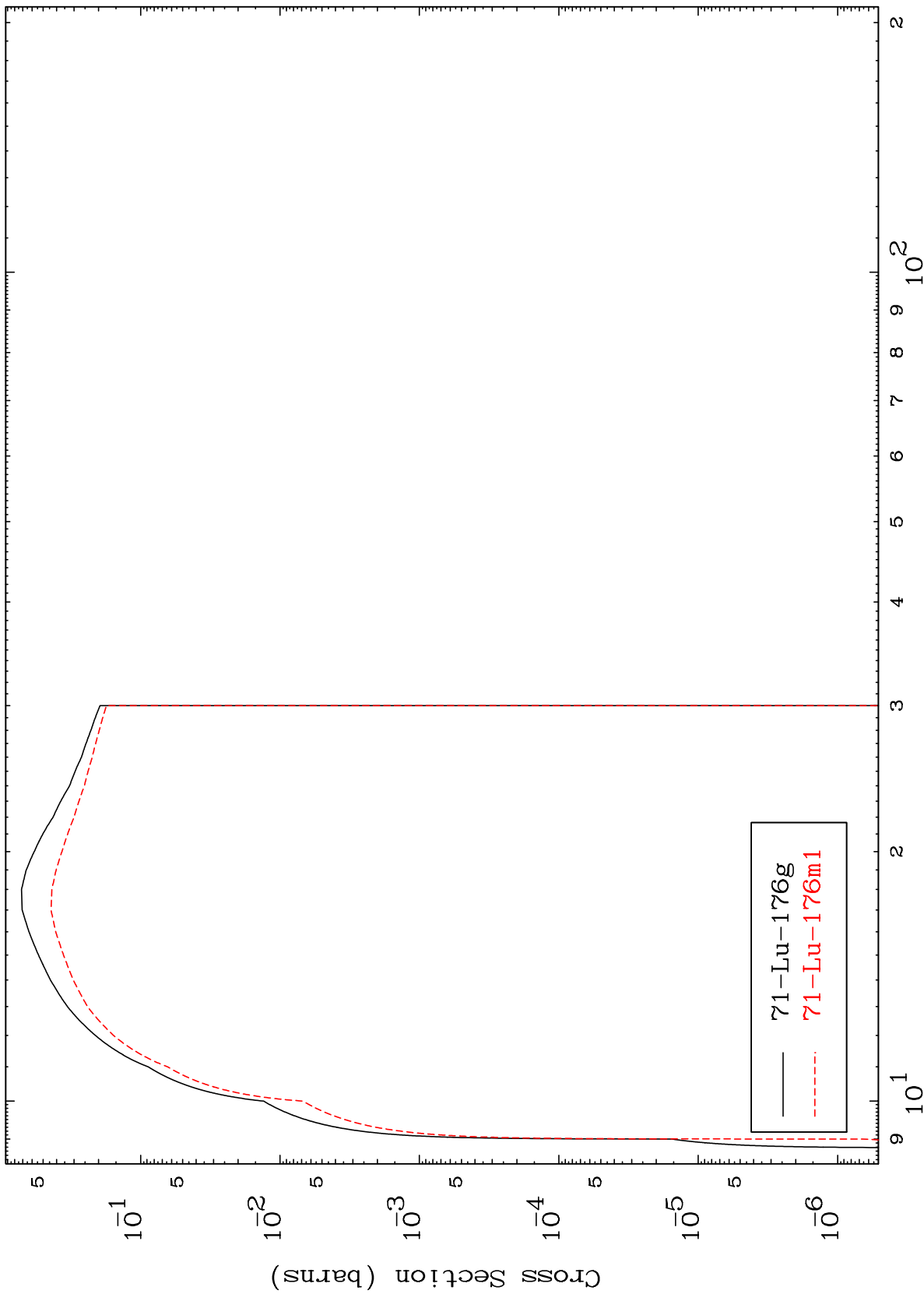
13

70-Yb-177

MAT 7052

70-Yb-177

(n,3n)
Radionuclide Production Cross Section



70-Yb-177

Incident Energy (MeV)

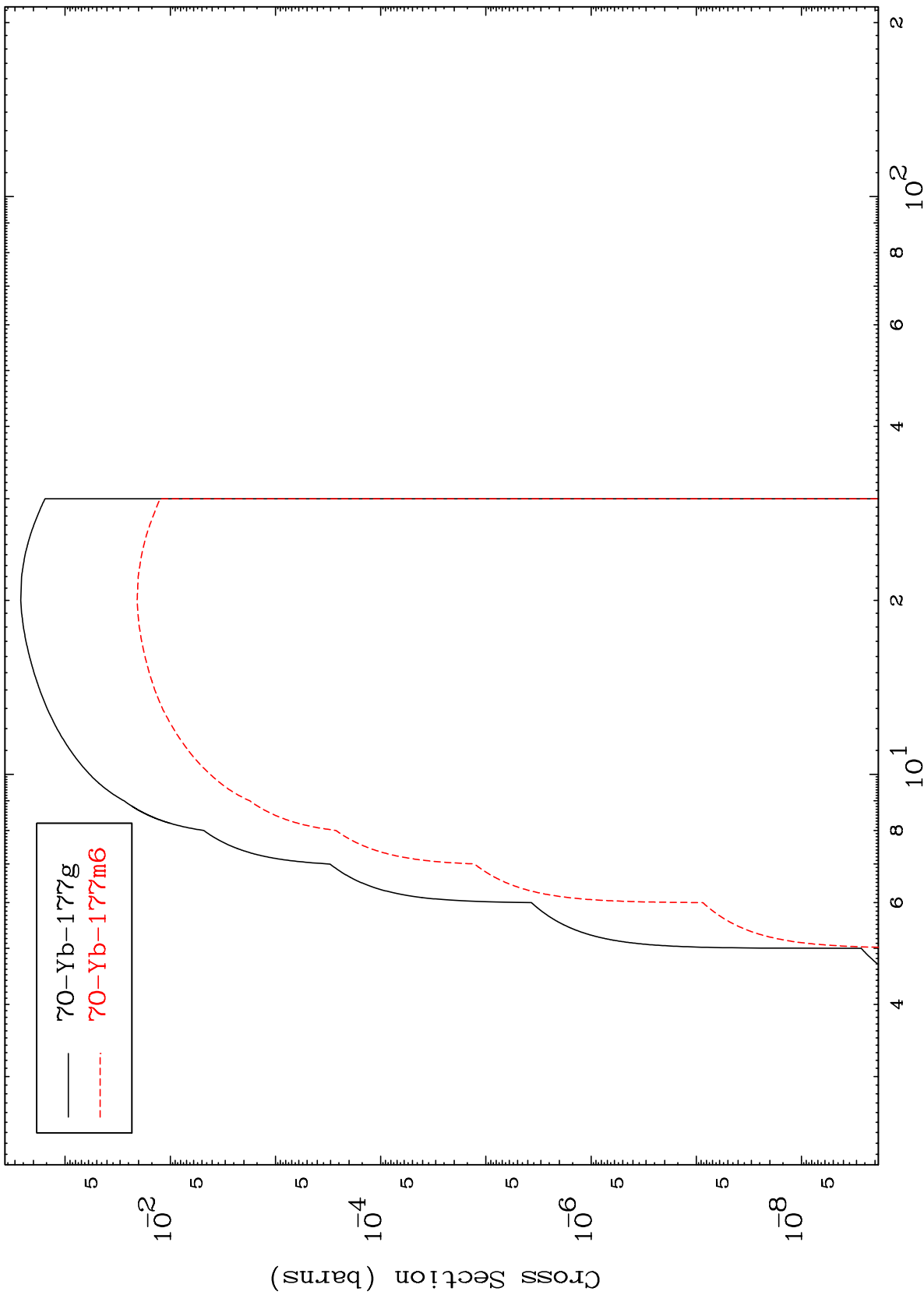
14

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(n,n') p

⁷⁰Yb-177

Radionuclide Production Cross Section



— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

Incident Energy (MeV)

⁷⁰Yb-177

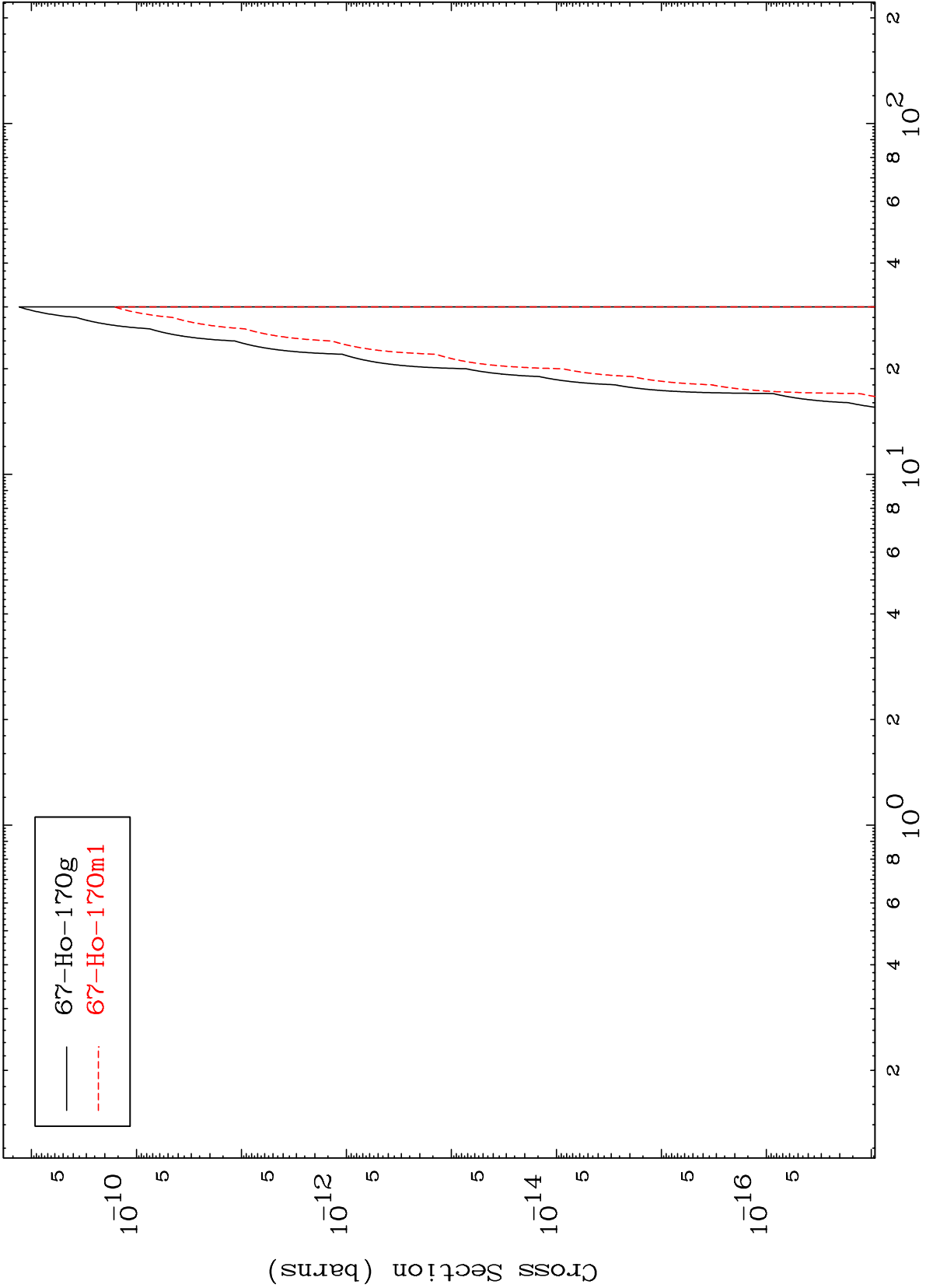
15

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(n,n') 2 α

⁷⁰Yb-177

Radionuclide Production Cross Section



16

Incident Energy (MeV)

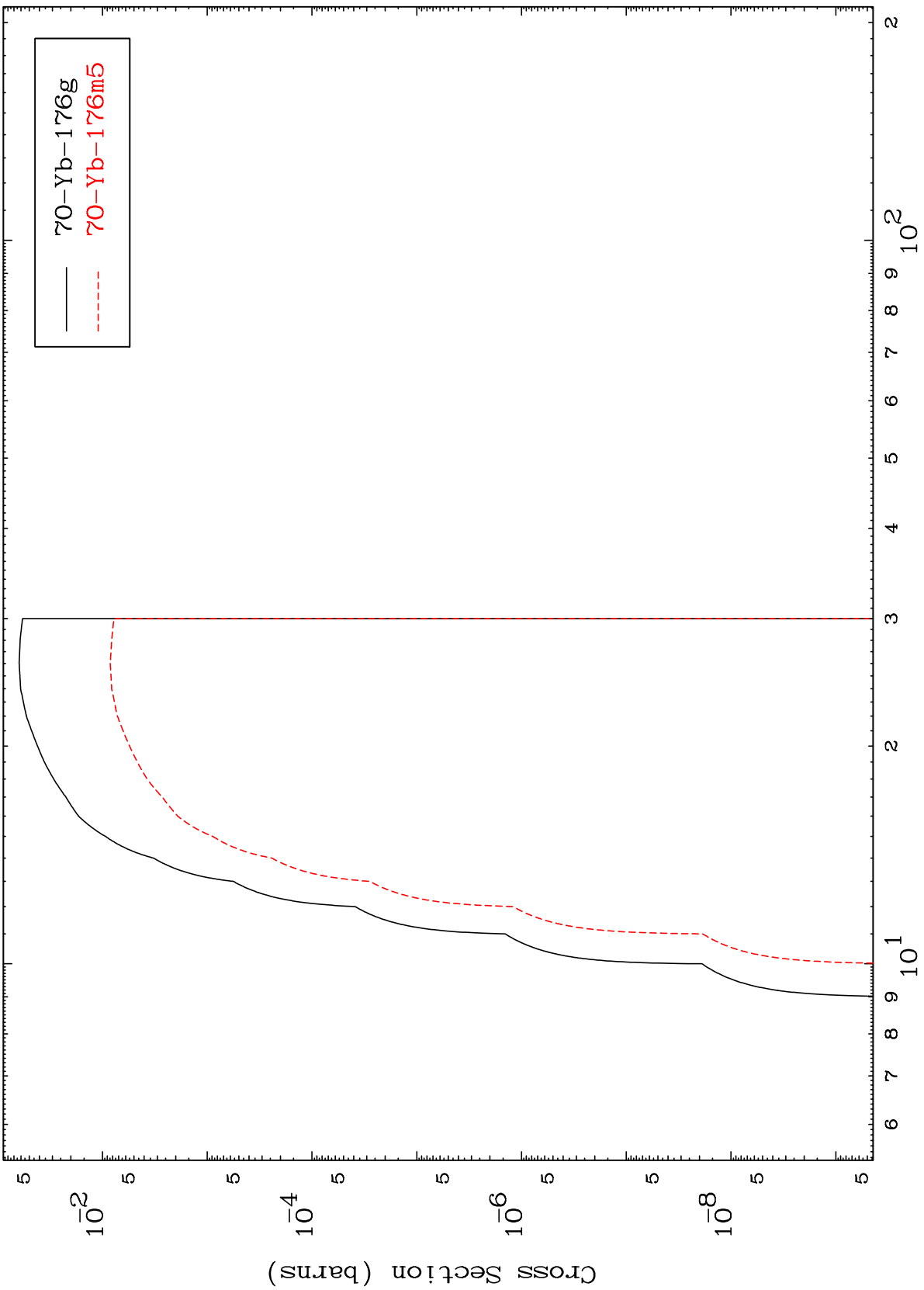
⁷⁰Yb-177

MAT 7052

(n,n') d

70-Yb-177

Radionuclide Production Cross Section



17

Incident Energy (MeV)

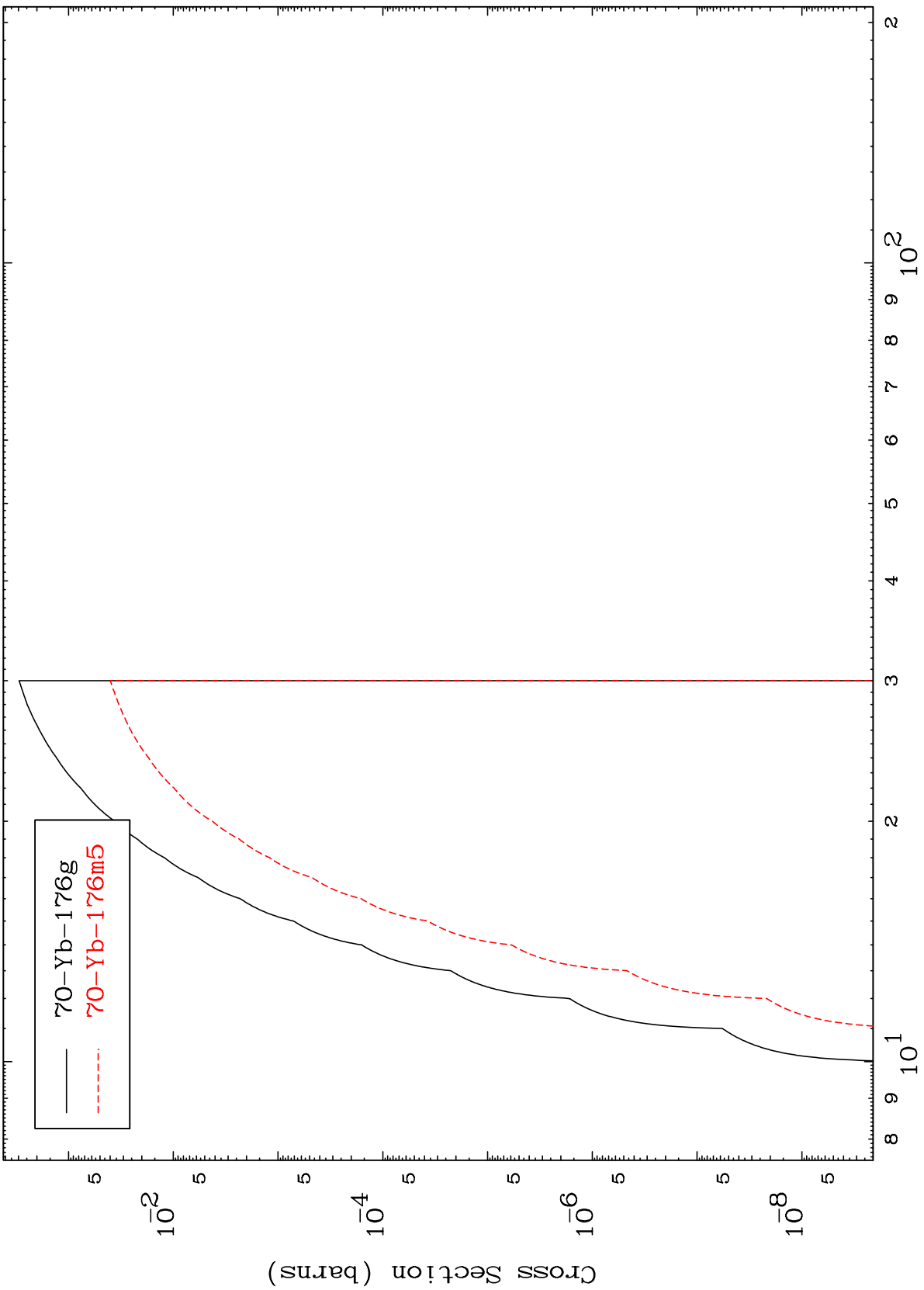
70-Yb-177

MAT 7052

(n,2n) p

⁷⁰Yb-177

Radionuclide Production Cross Section



— ⁷⁰Yb-176g
- - - ⁷⁰Yb-176m5

Incident Energy (MeV)

⁷⁰Yb-177

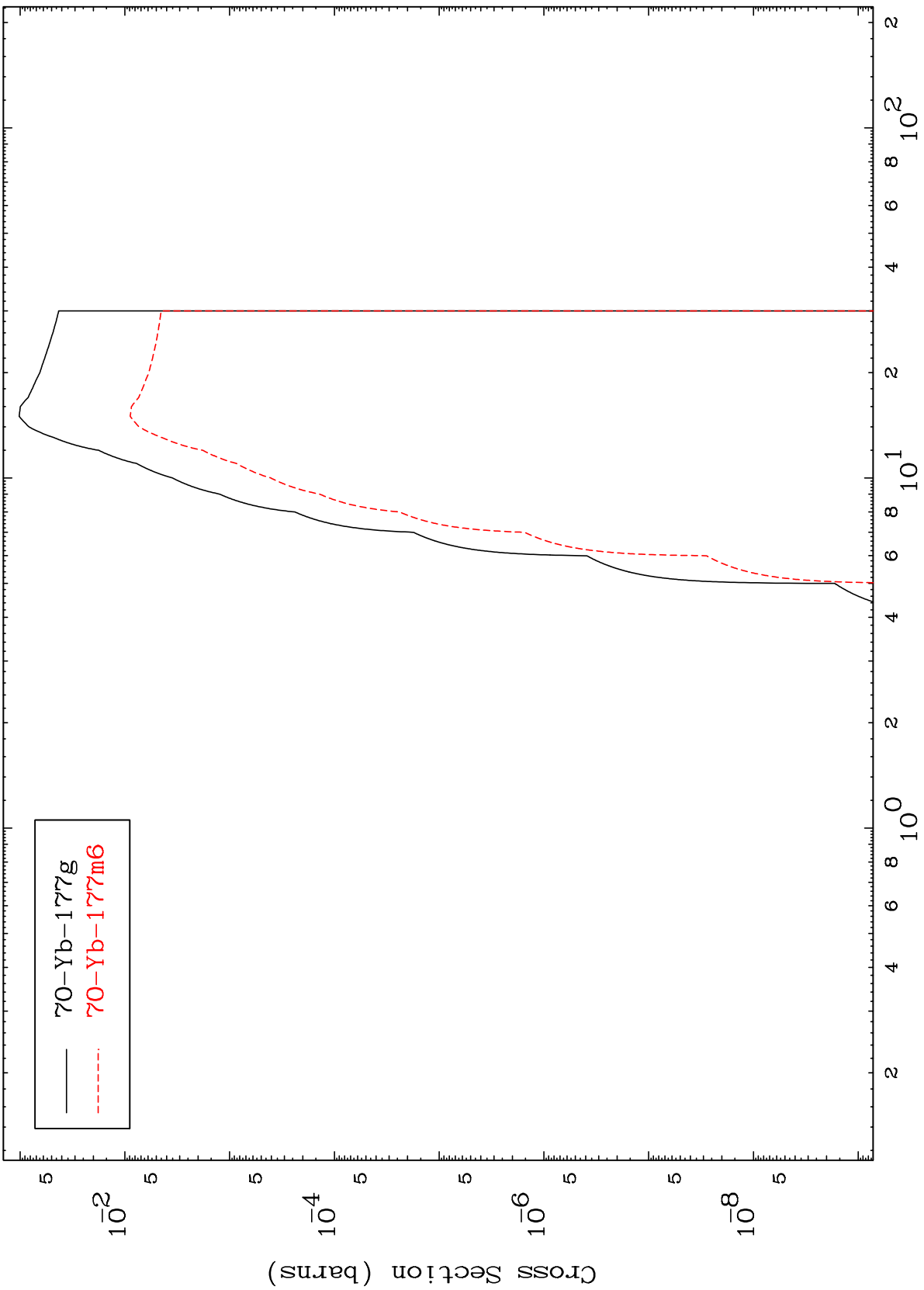
18

MAT 7052

(n,d)

⁷⁰Yb-177

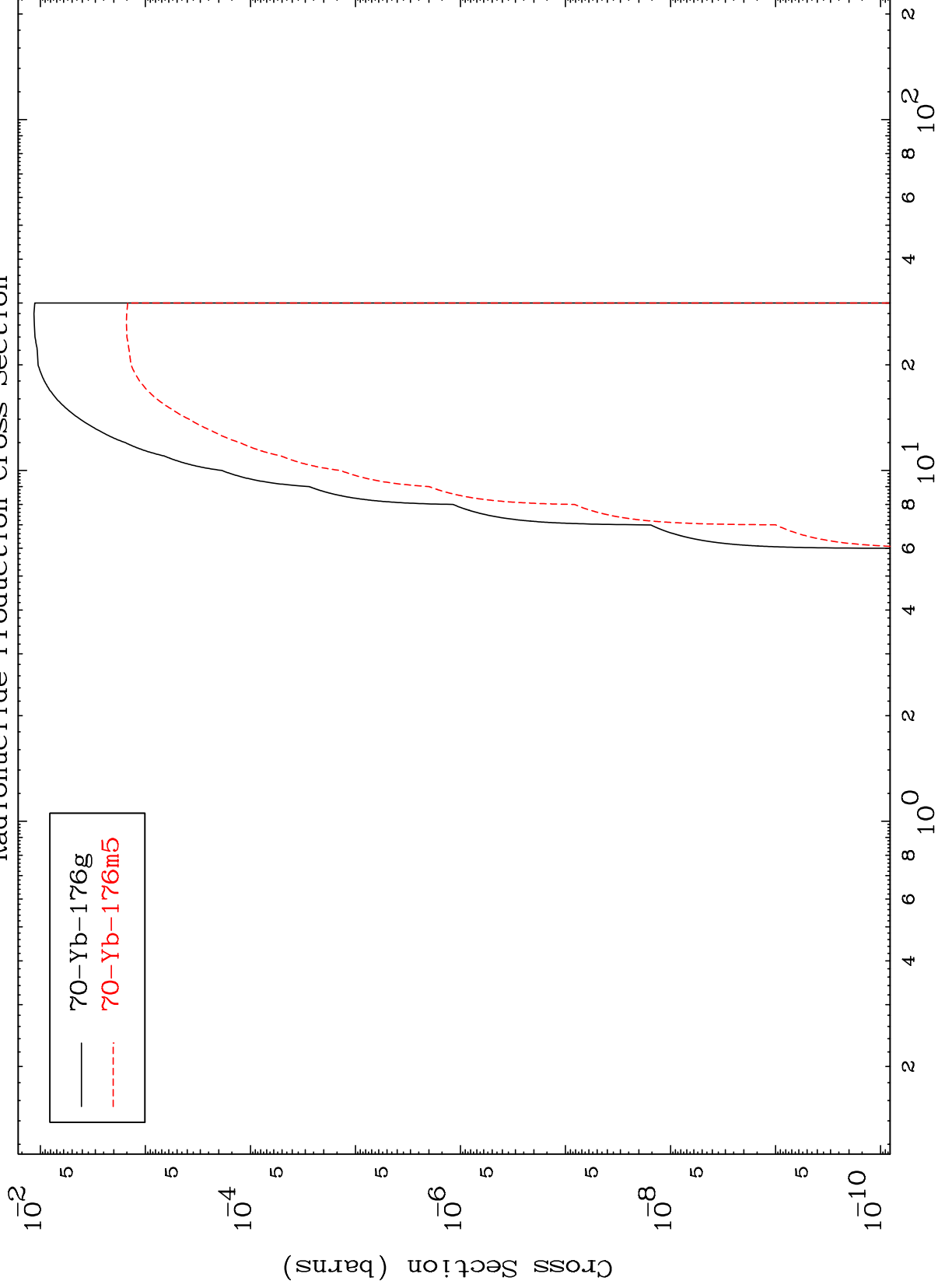
Radionuclide Production Cross Section



MAT 7052

$^{70}\text{Yb-177}$

Radionuclide Production Cross Section
(n, t)



$^{70}\text{Yb-177}$

Incident Energy (MeV)

20

MAT 7052

70-Yb-177

(n,2p)
Radionuclide Production Cross Section

