

Program EVALPLOT
(Version 2021-1)

by

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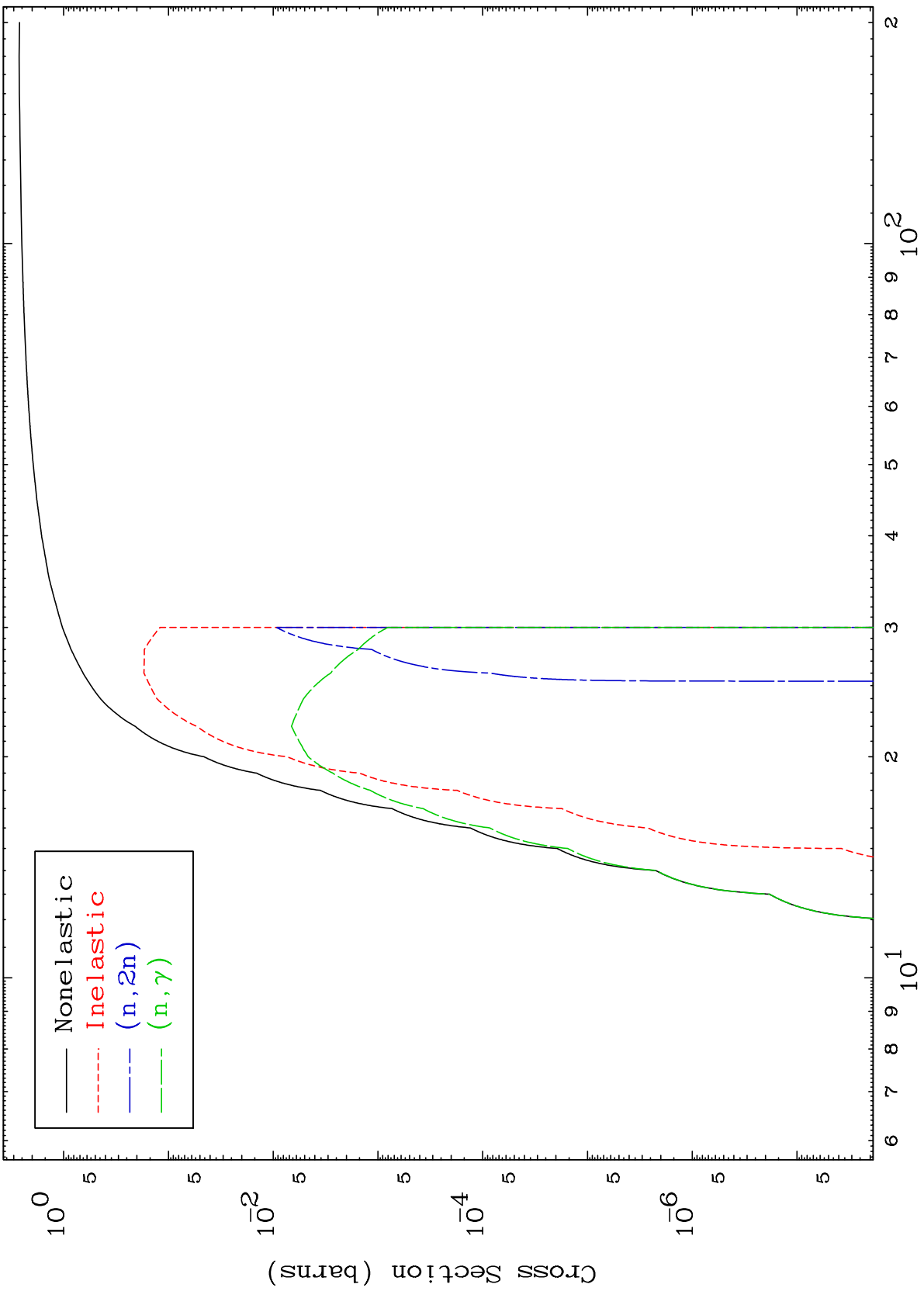
Press Mouse Button to Start

MAT 7993

α Major

80-Hg-185m

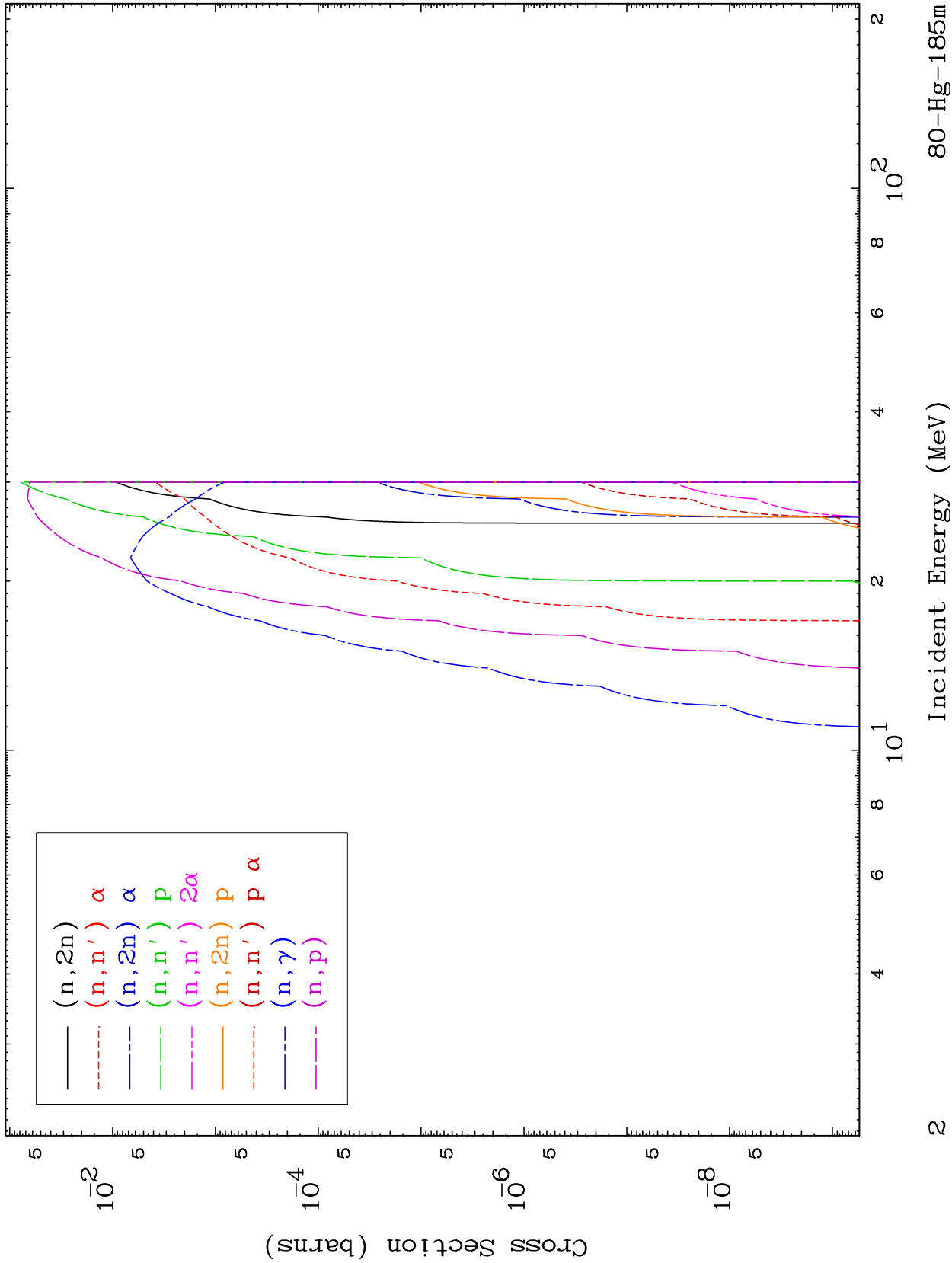
0 Kelvin Cross Sections



1

Incident Energy (MeV)

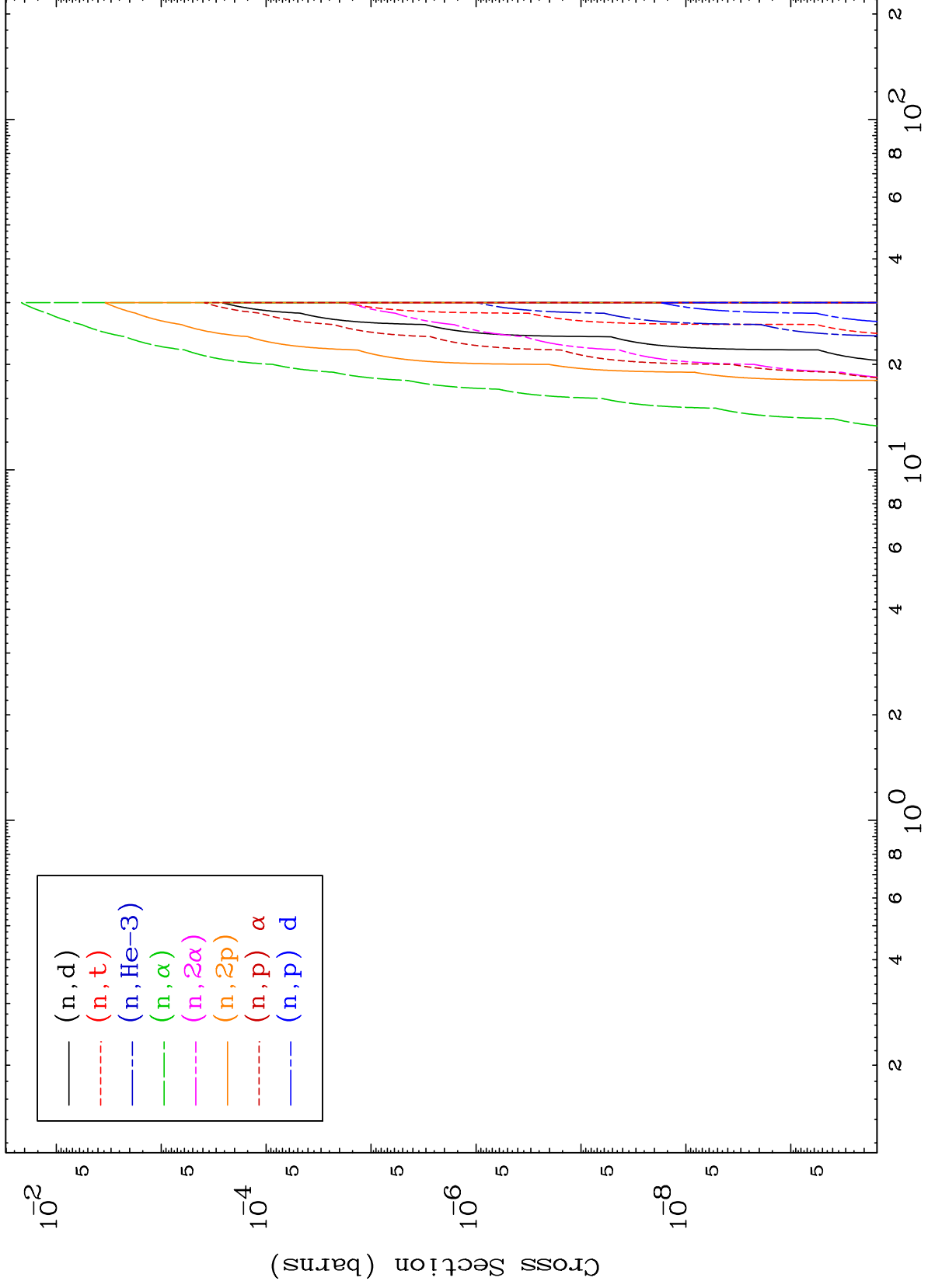
80-Hg-185m

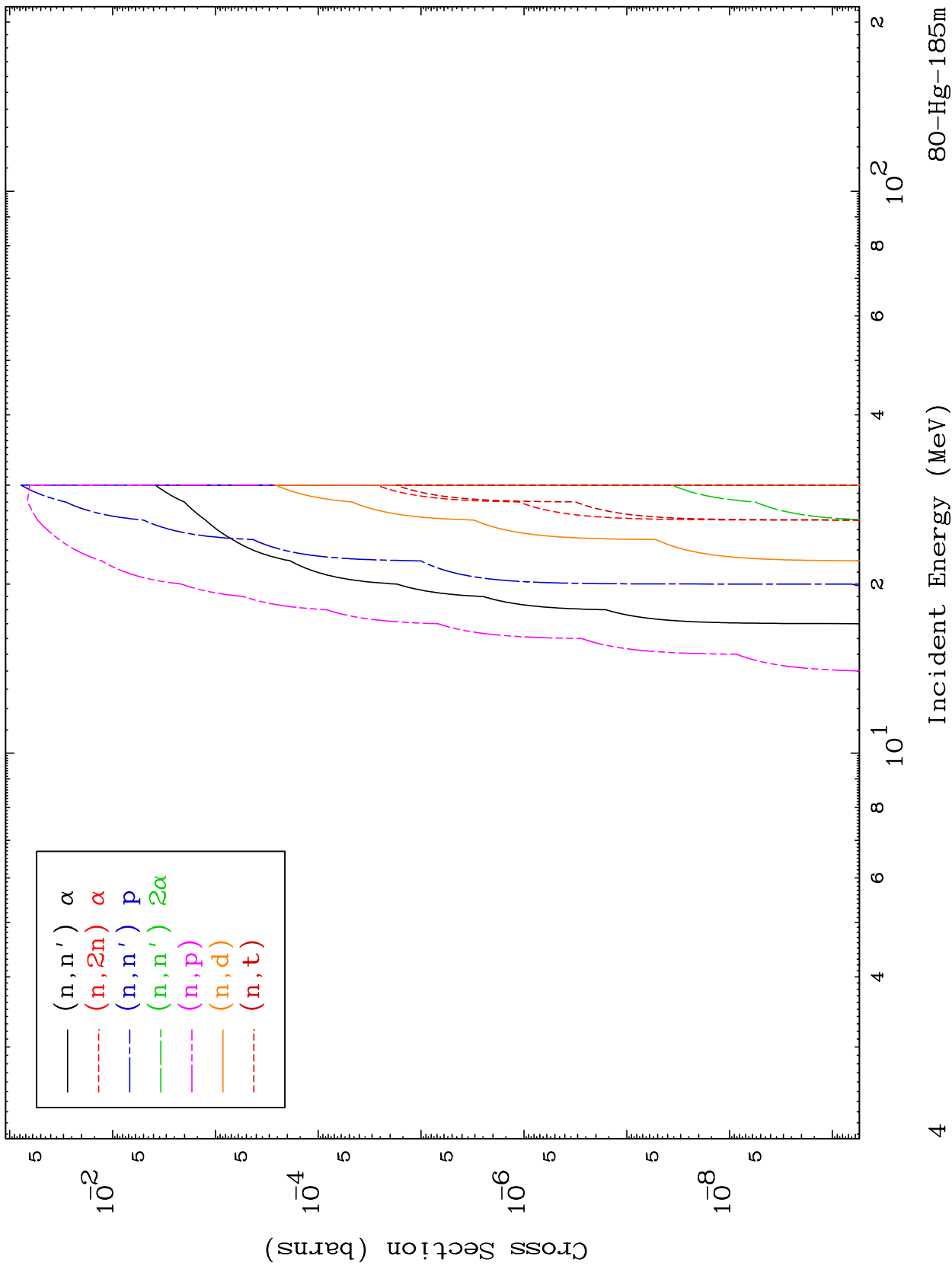


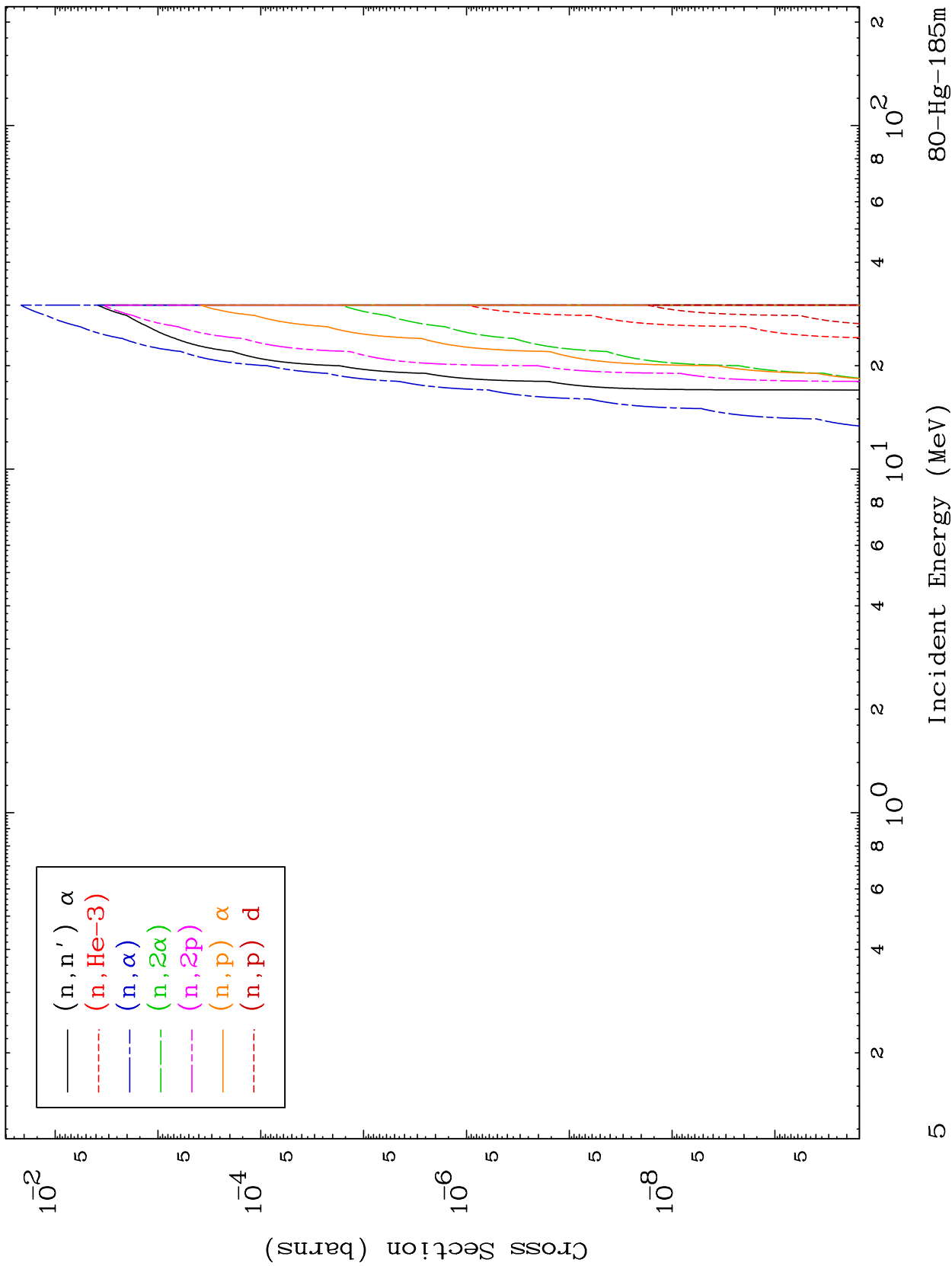
MAT 7993

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-185m





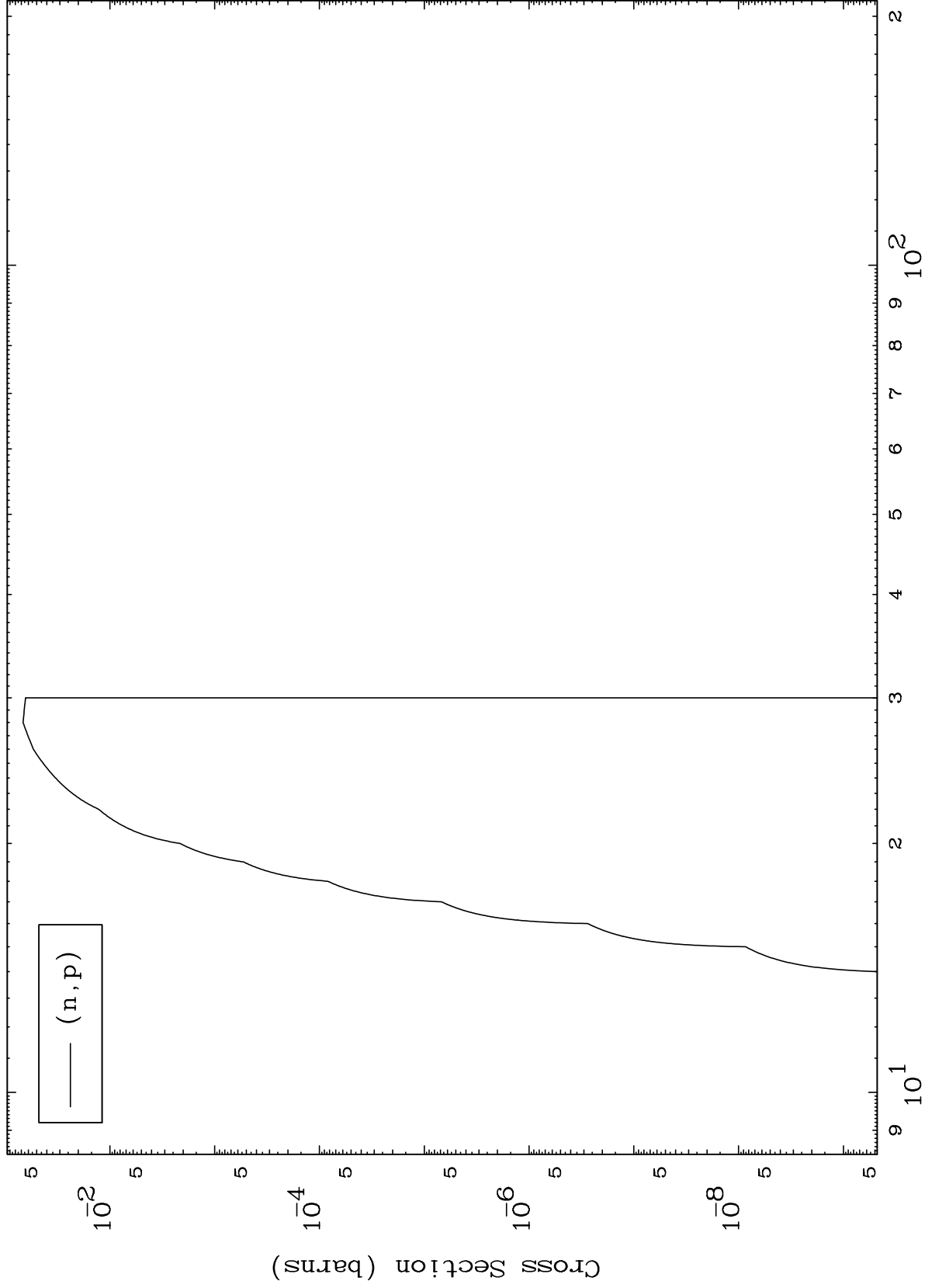


MAT 7993

(α, p) Levels

80-Hg-185m

0 Kelvin Cross Sections



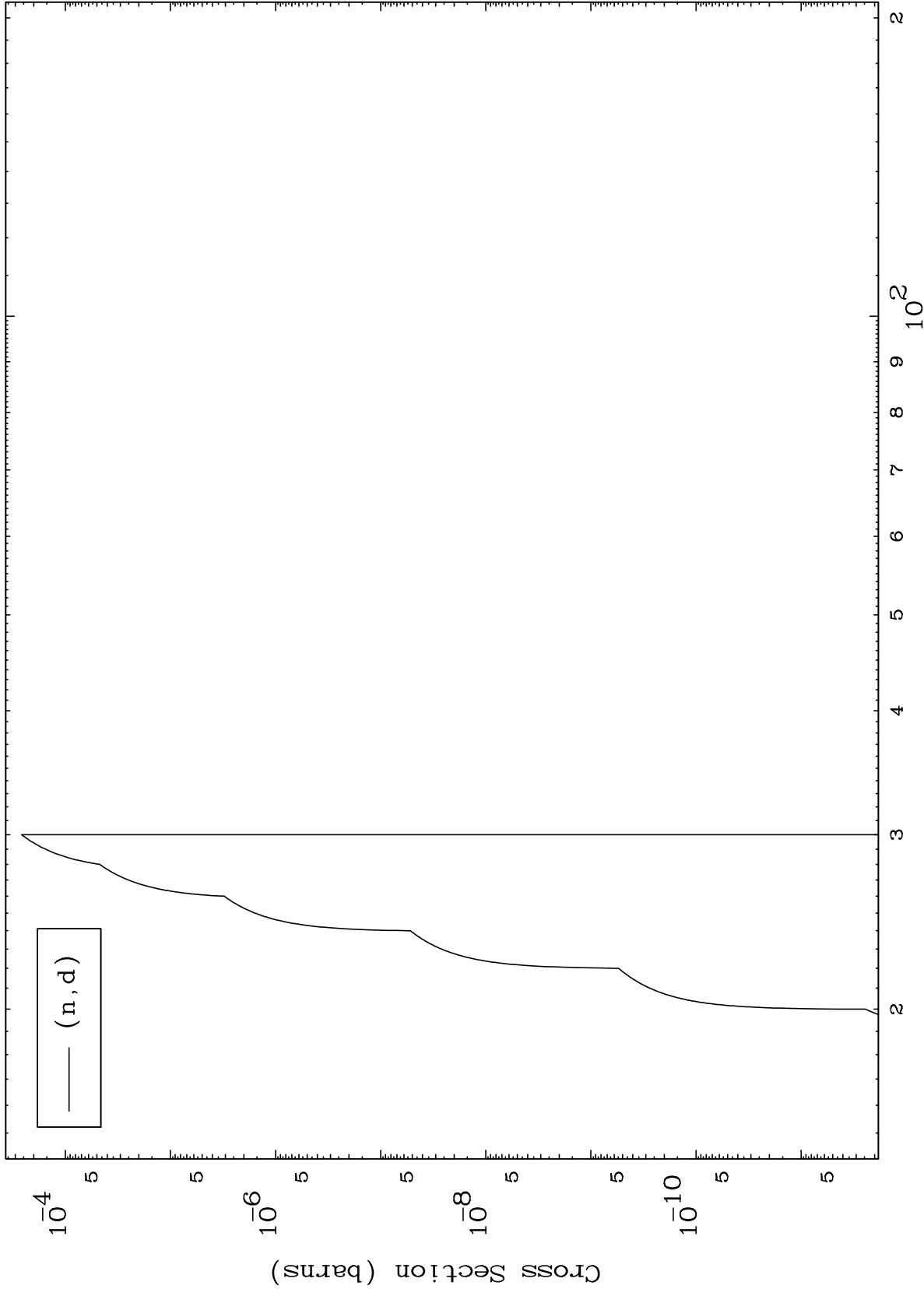
Incident Energy (MeV)

80-Hg-185m

MAT 7993

(α, d) Levels
0 Kelvin Cross Sections

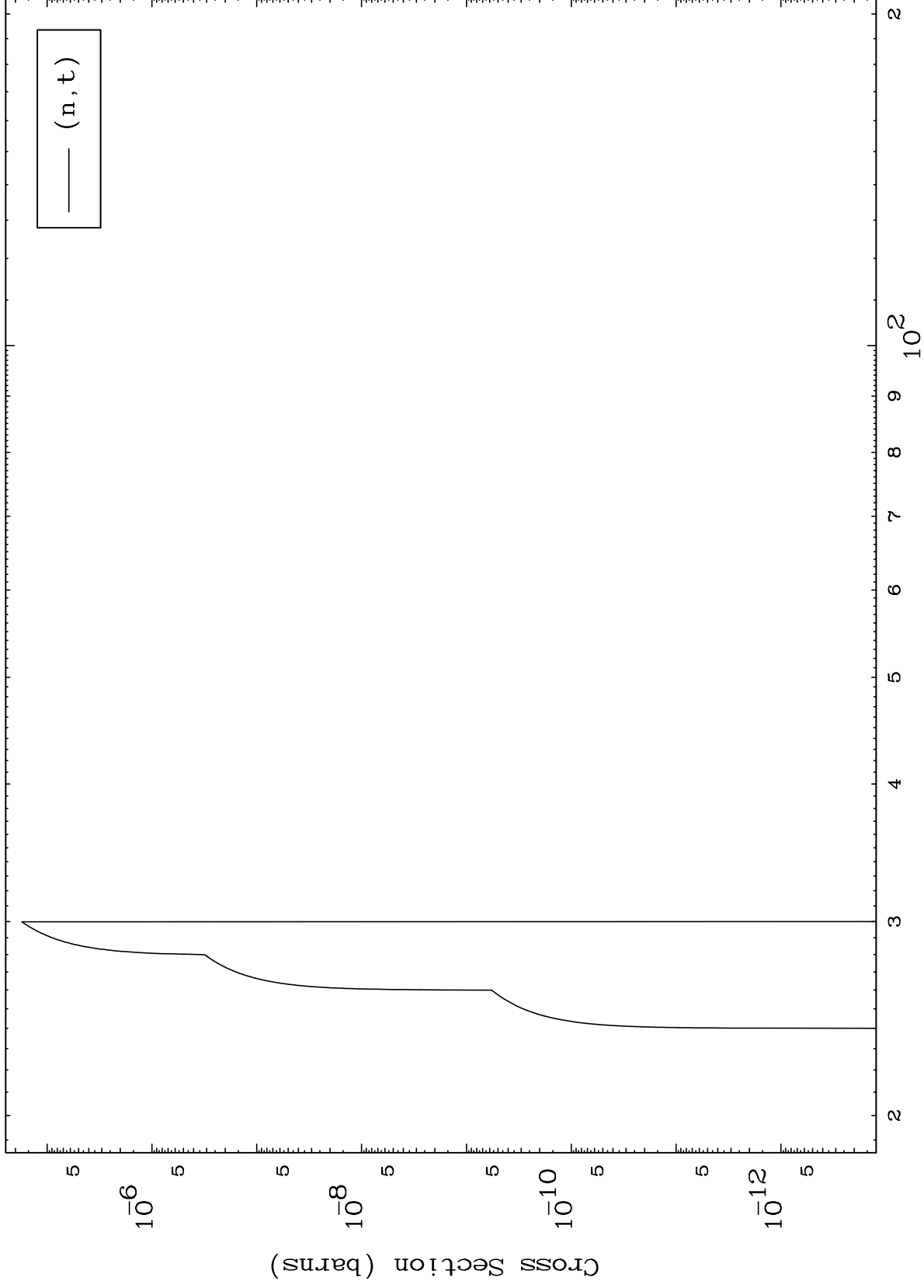
80-Hg-185m



MAT 7993

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-185m



8

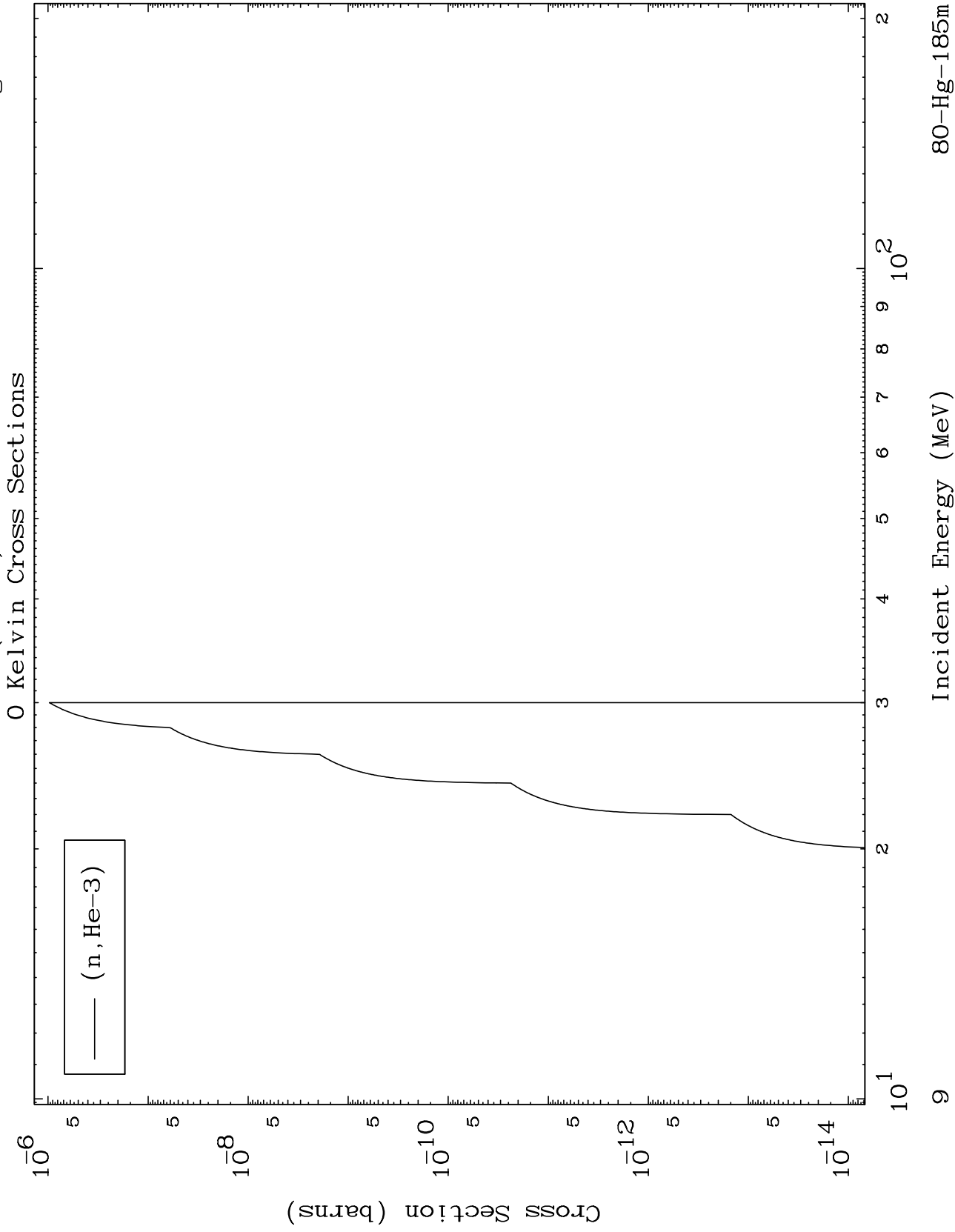
Incident Energy (MeV)

80-Hg-185m

MAT 7993

($\alpha, \text{He}3$) Levels

80-Hg-185m

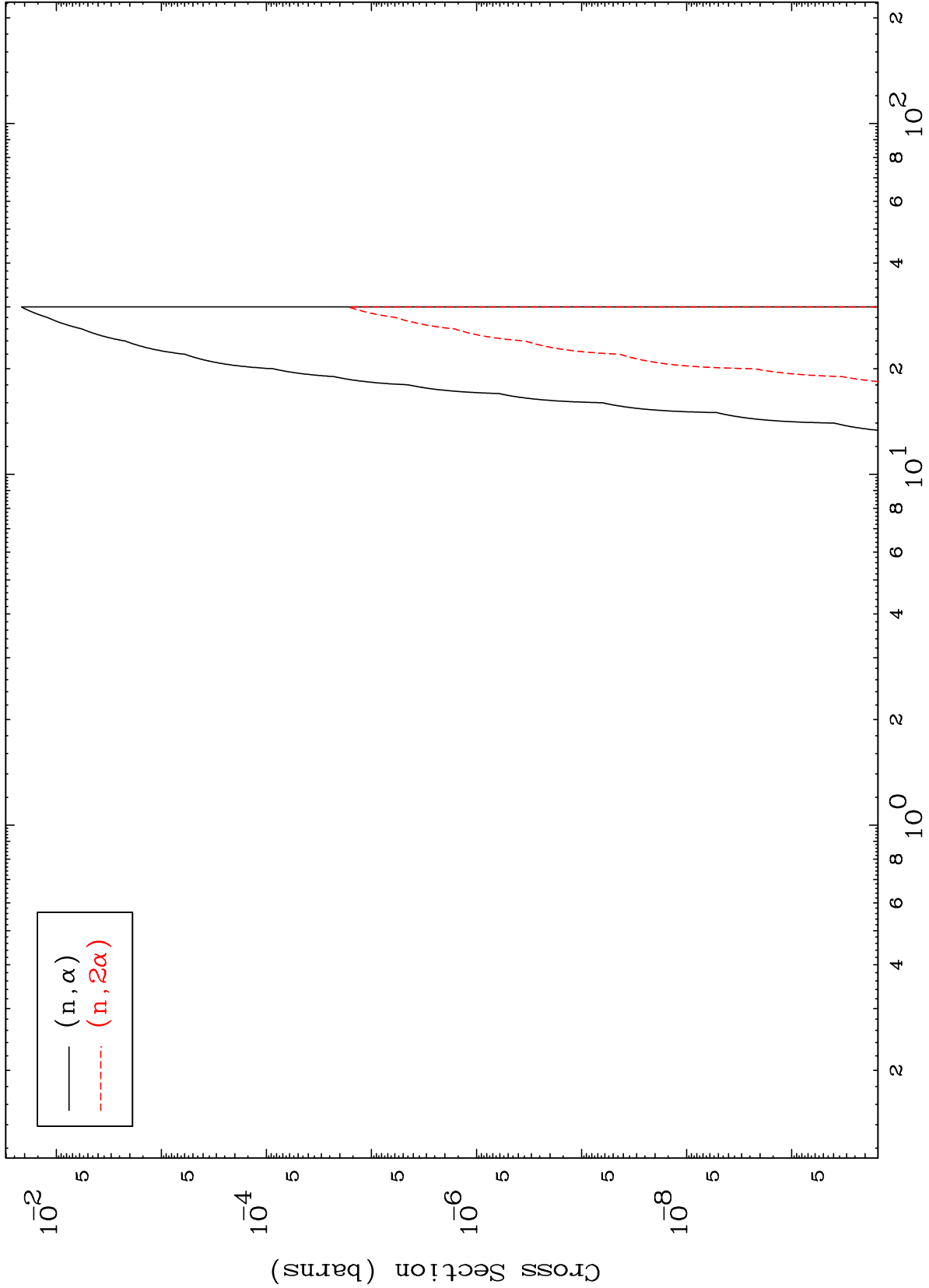


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(α, α) Levels

80-Hg-185m

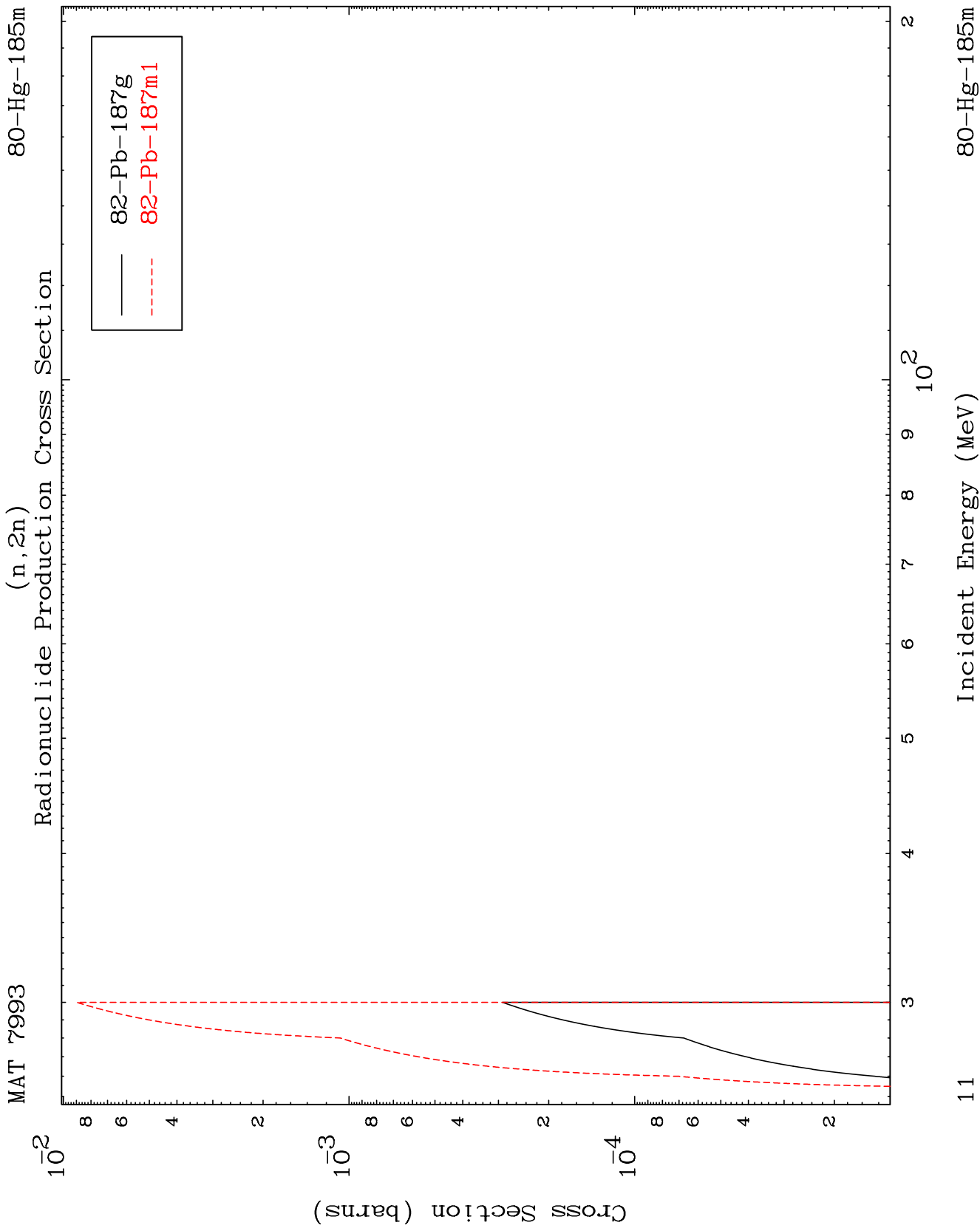
0 Kelvin Cross Sections



10

Incident Energy (MeV)

80-Hg-185m

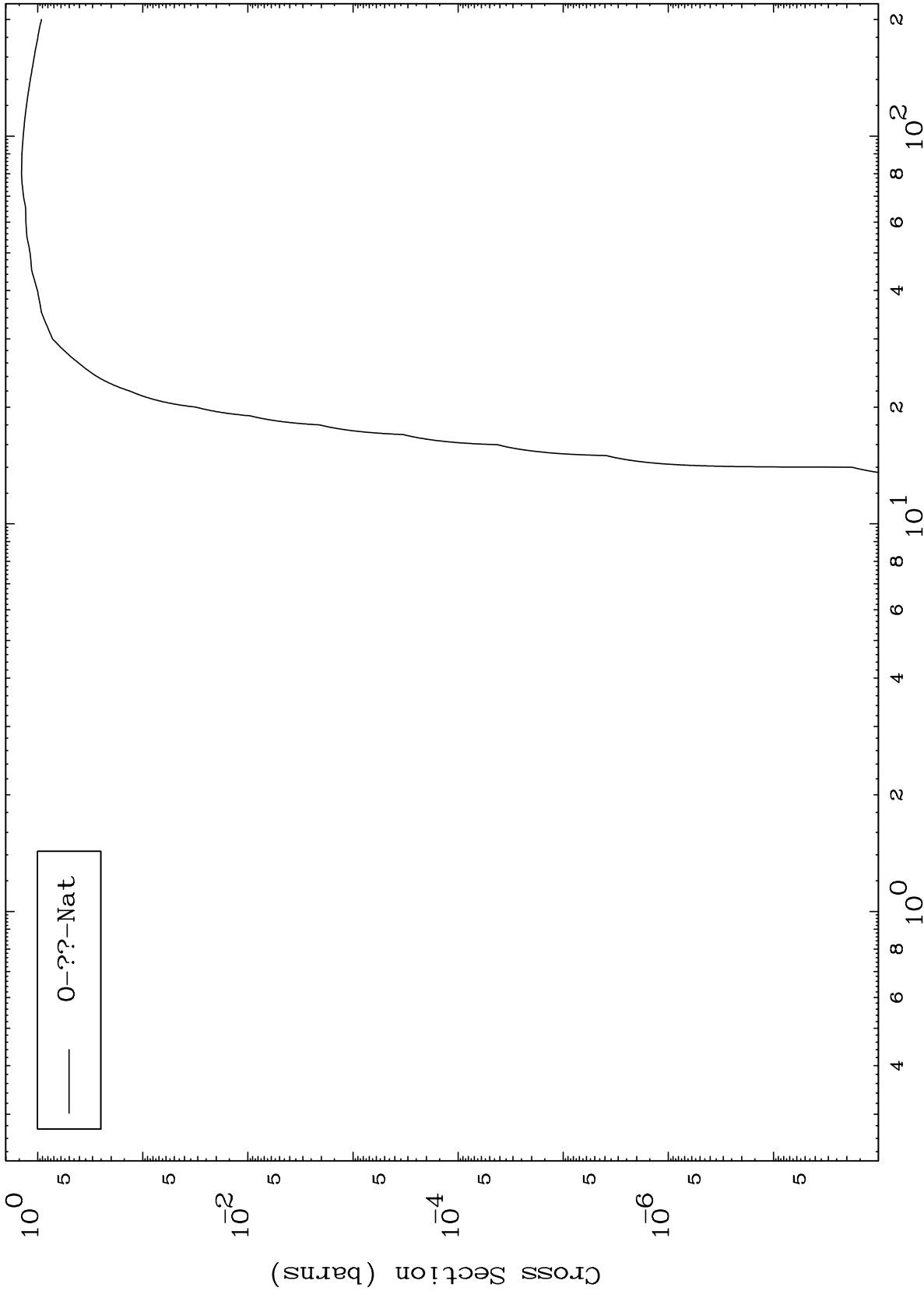


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Fission

80-Hg-185m

Radionuclide Production Cross Section

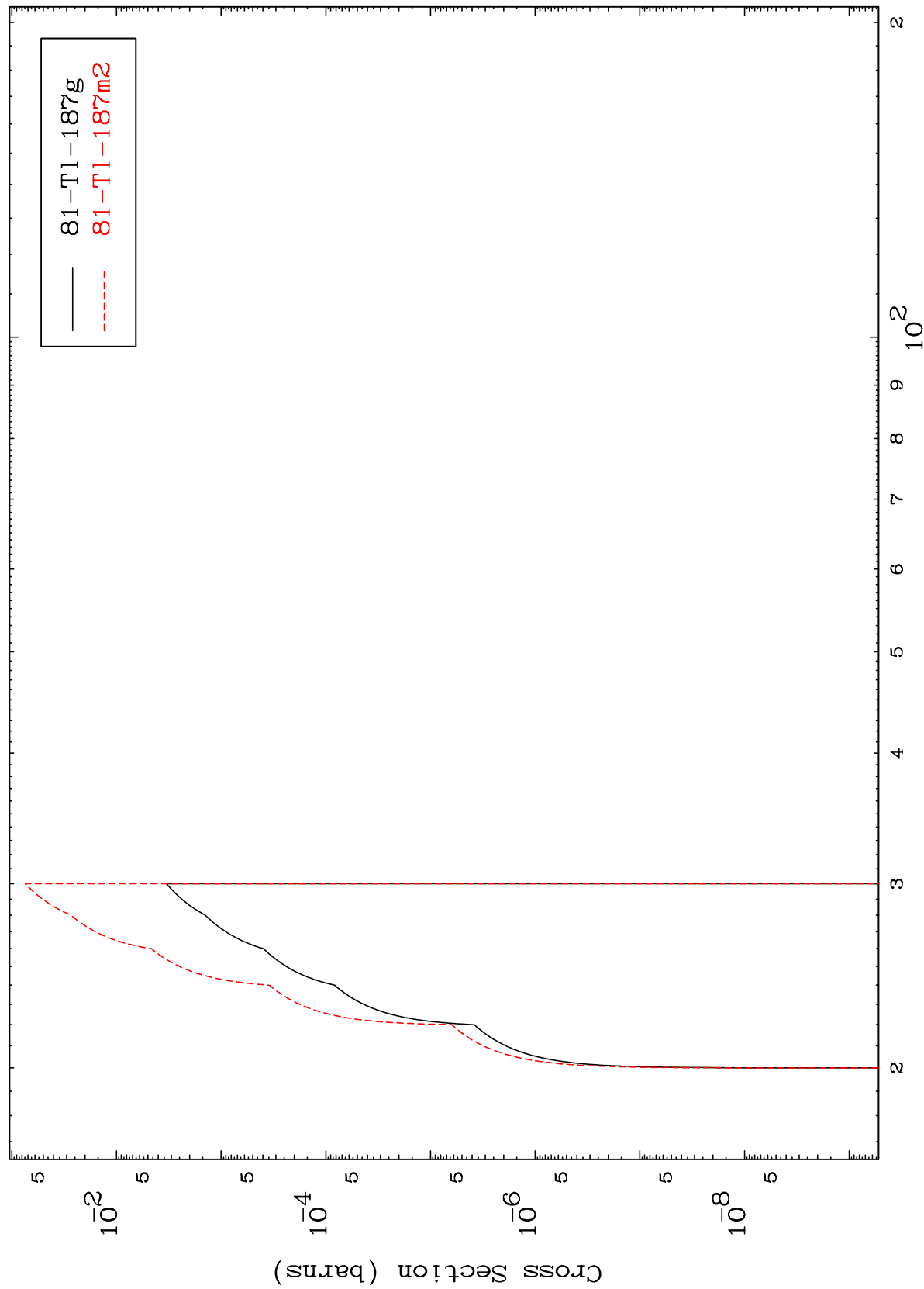


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(n,n') p

80-Hg-185m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

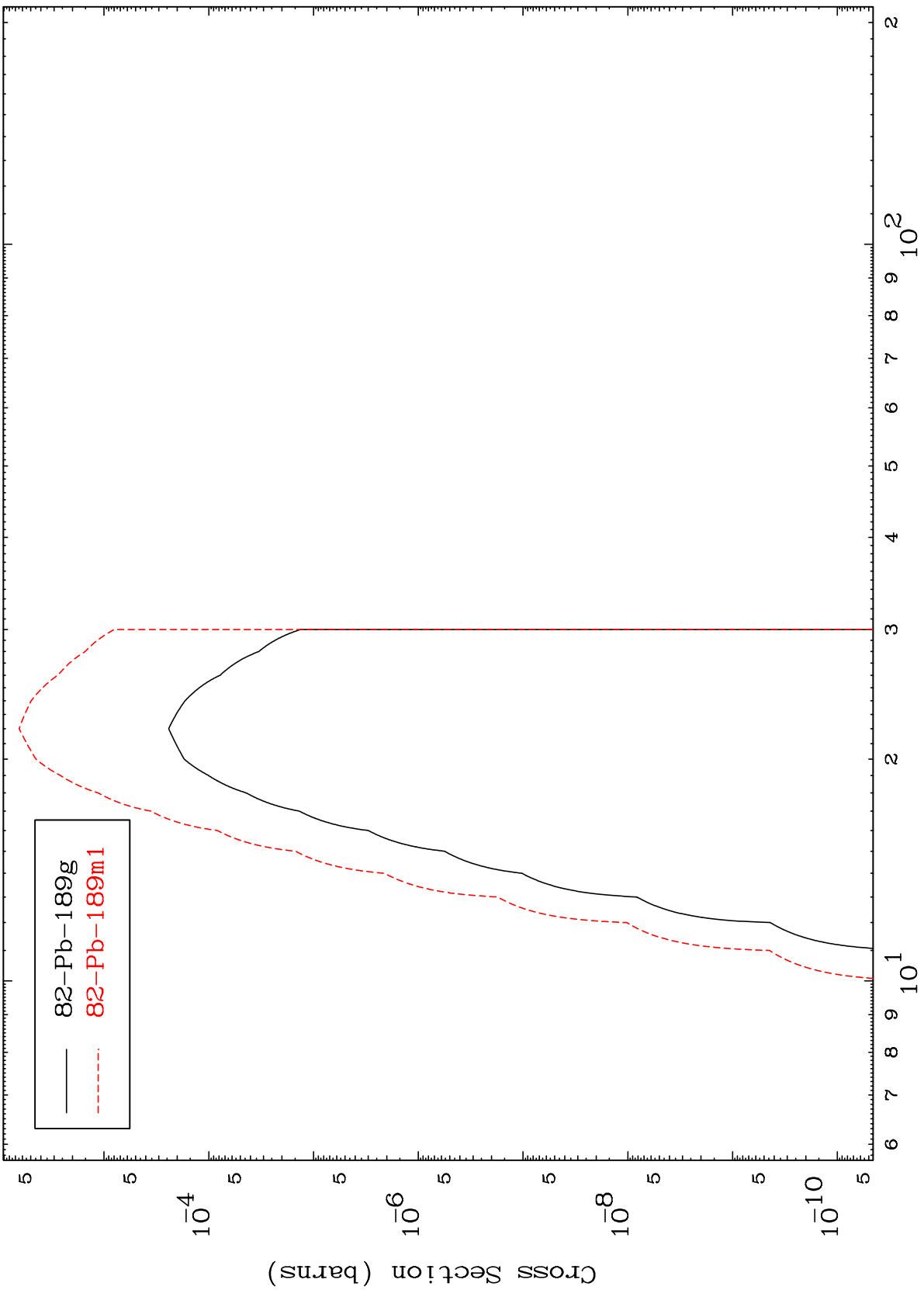
80-Hg-185m

MAT 7993

80-Hg-185m

Radionuclide Production Cross Section

(n, γ)



— 82-Pb-189g
- - - 82-Pb-189m1

14

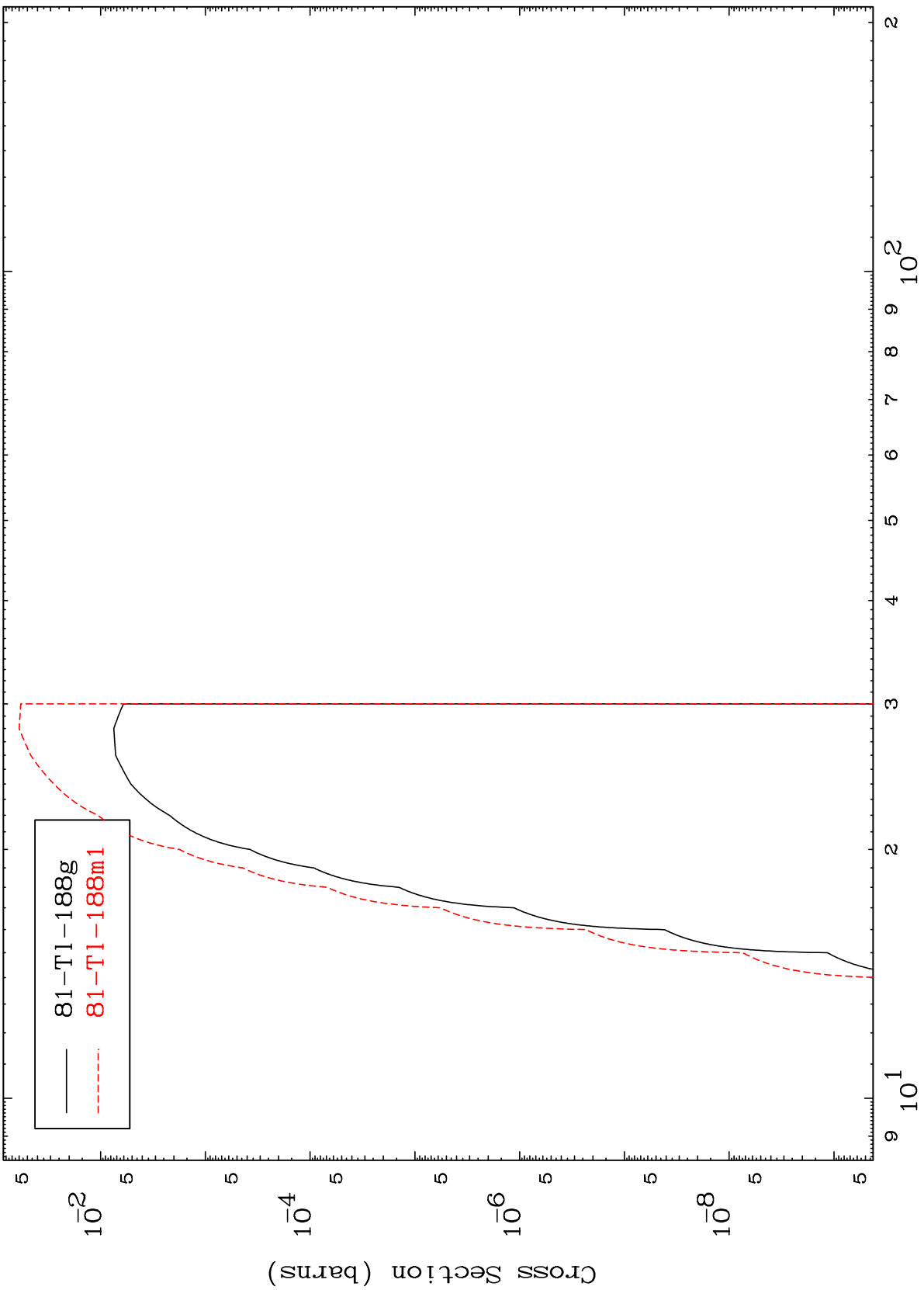
Incident Energy (MeV)

80-Hg-185m

MAT 7993

80-Hg-185m

(n,p)
Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

80-Hg-185m

Incident Energy (MeV)

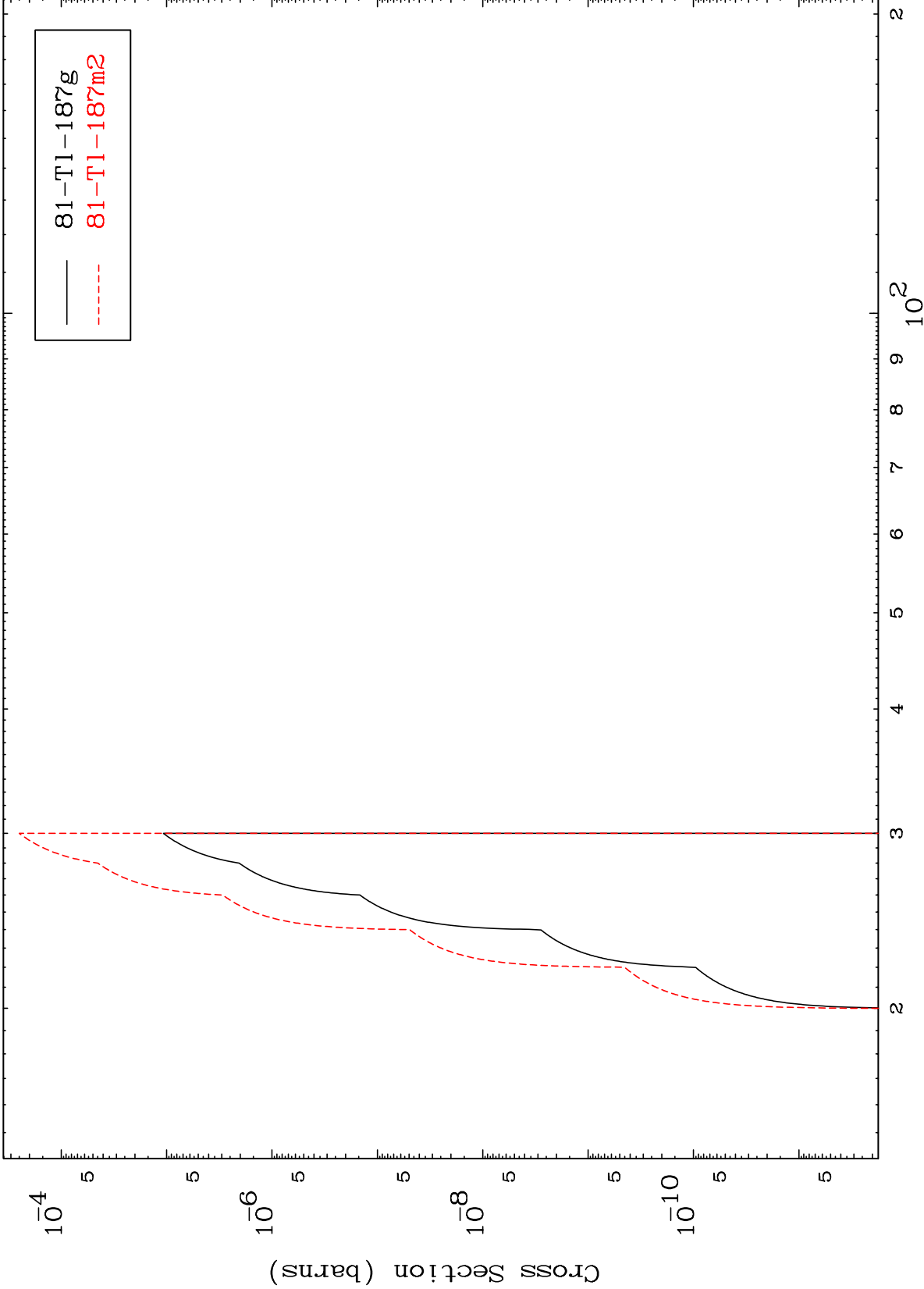
15

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(n,d)

80-Hg-185m

Radionuclide Production Cross Section



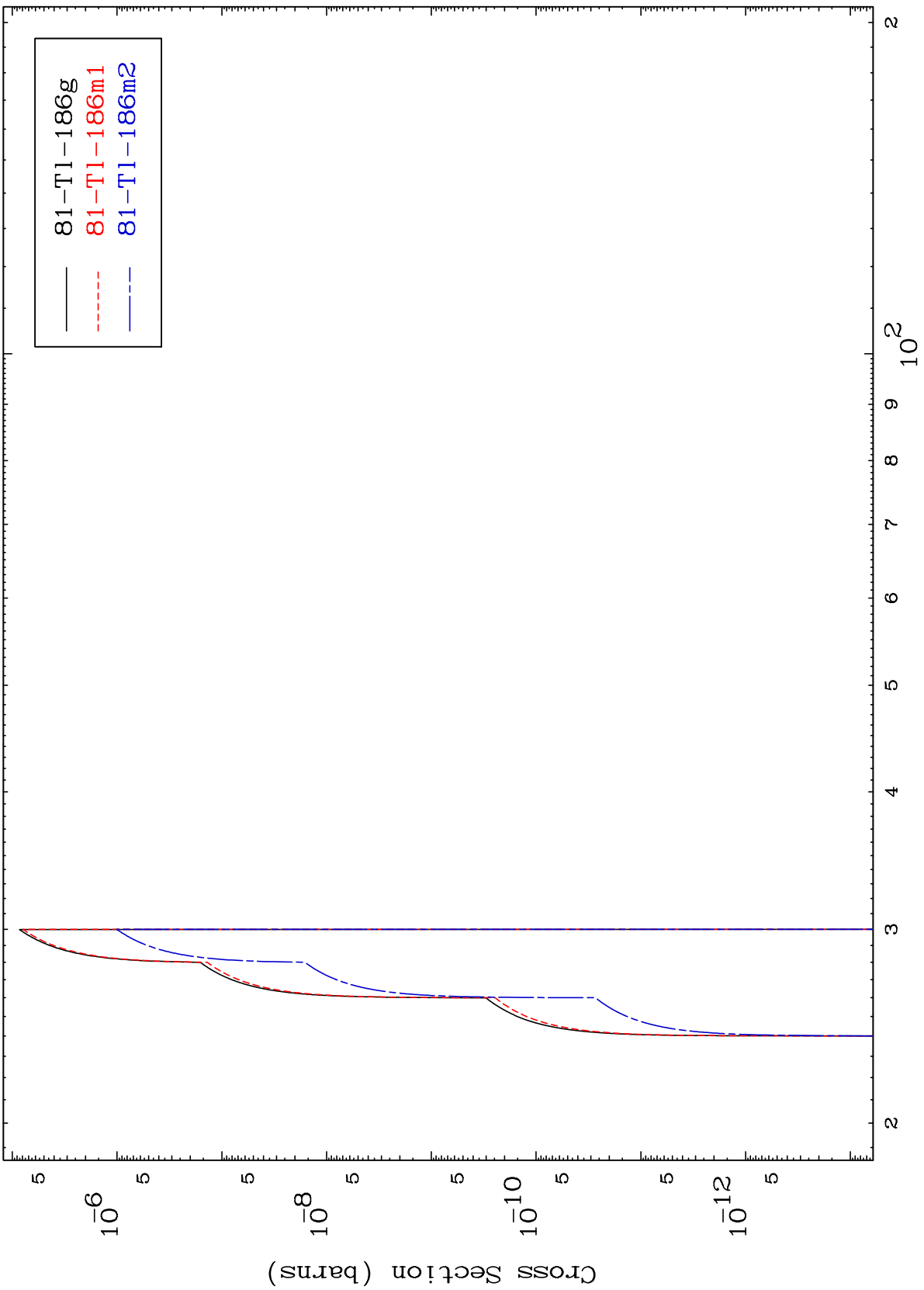
81-Tl-187g
81-Tl-187m2

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(n, t)

80-Hg-185m

Radionuclide Production Cross Section



17

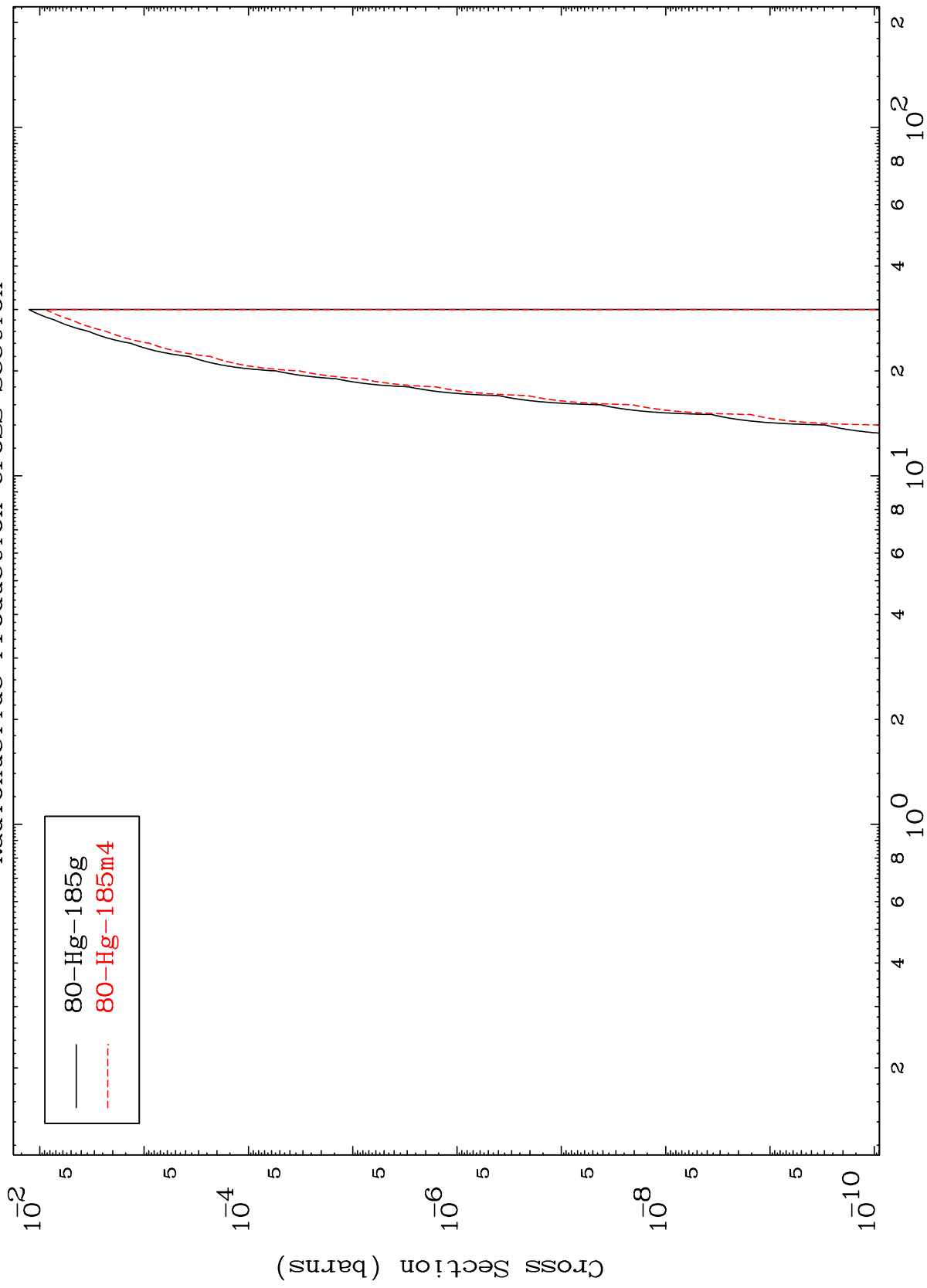
Incident Energy (MeV)

80-Hg-185m

MAT 7993

80-Hg-185m

Radionuclide Production Cross Section



18

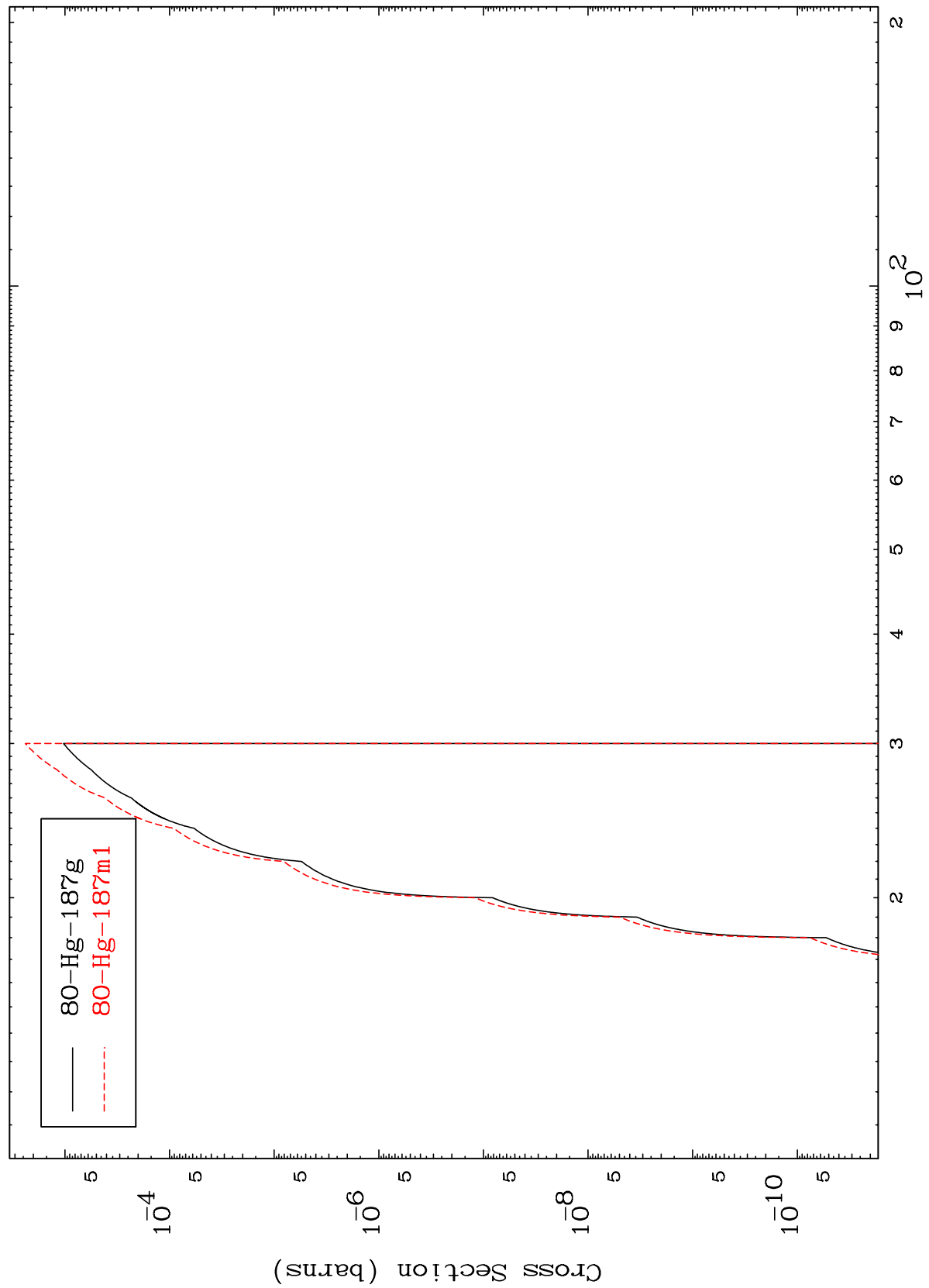
Incident Energy (MeV)

80-Hg-185m

MAT 7993

80-Hg-185m

(n,2p)
Radionuclide Production Cross Section

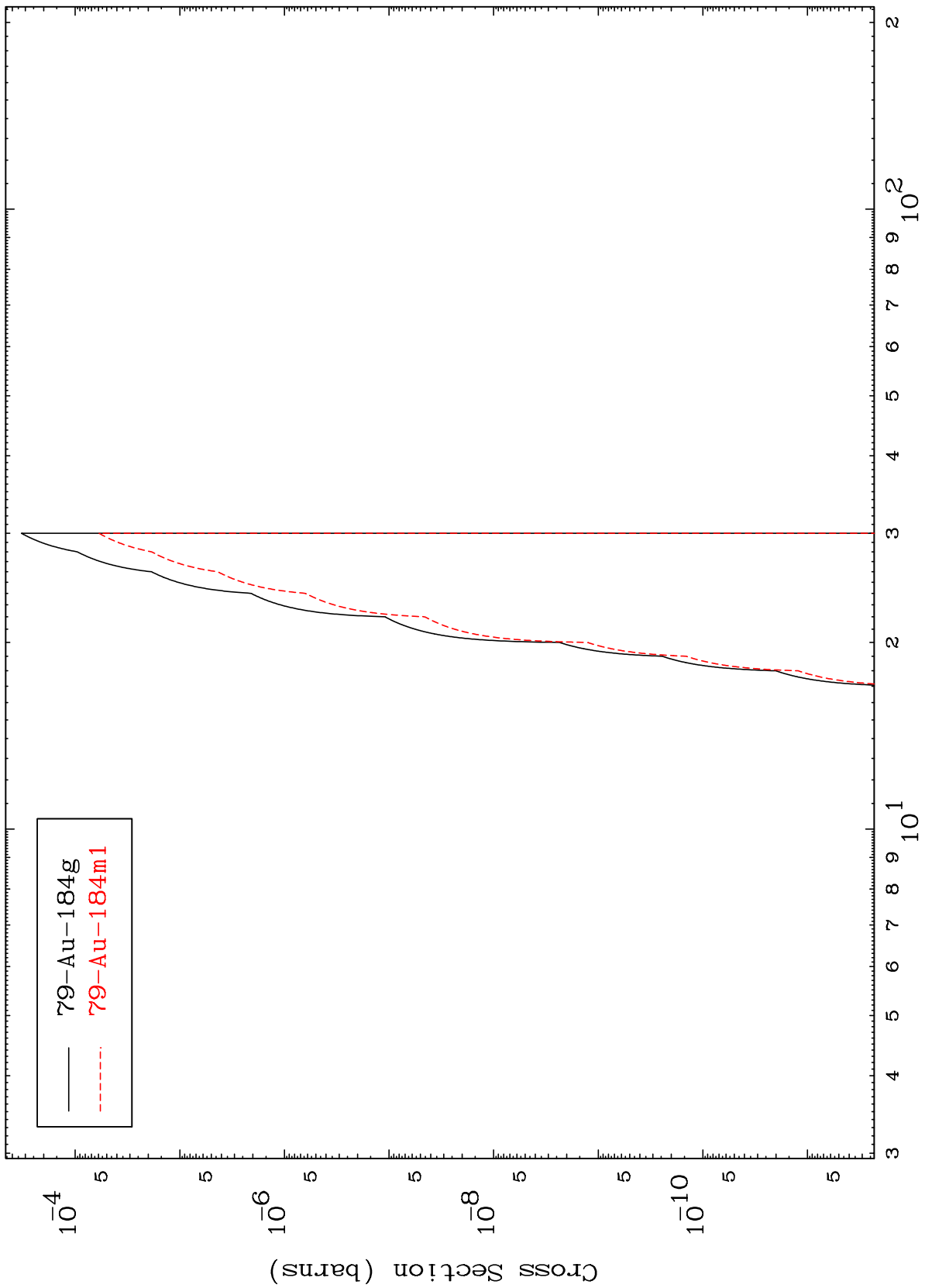


MAT 7993

(n,p) α

80-Hg-185m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-185m