

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

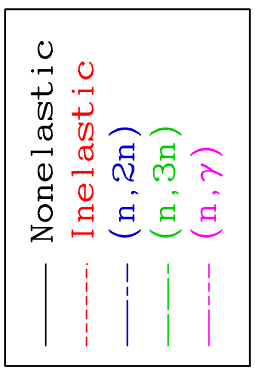
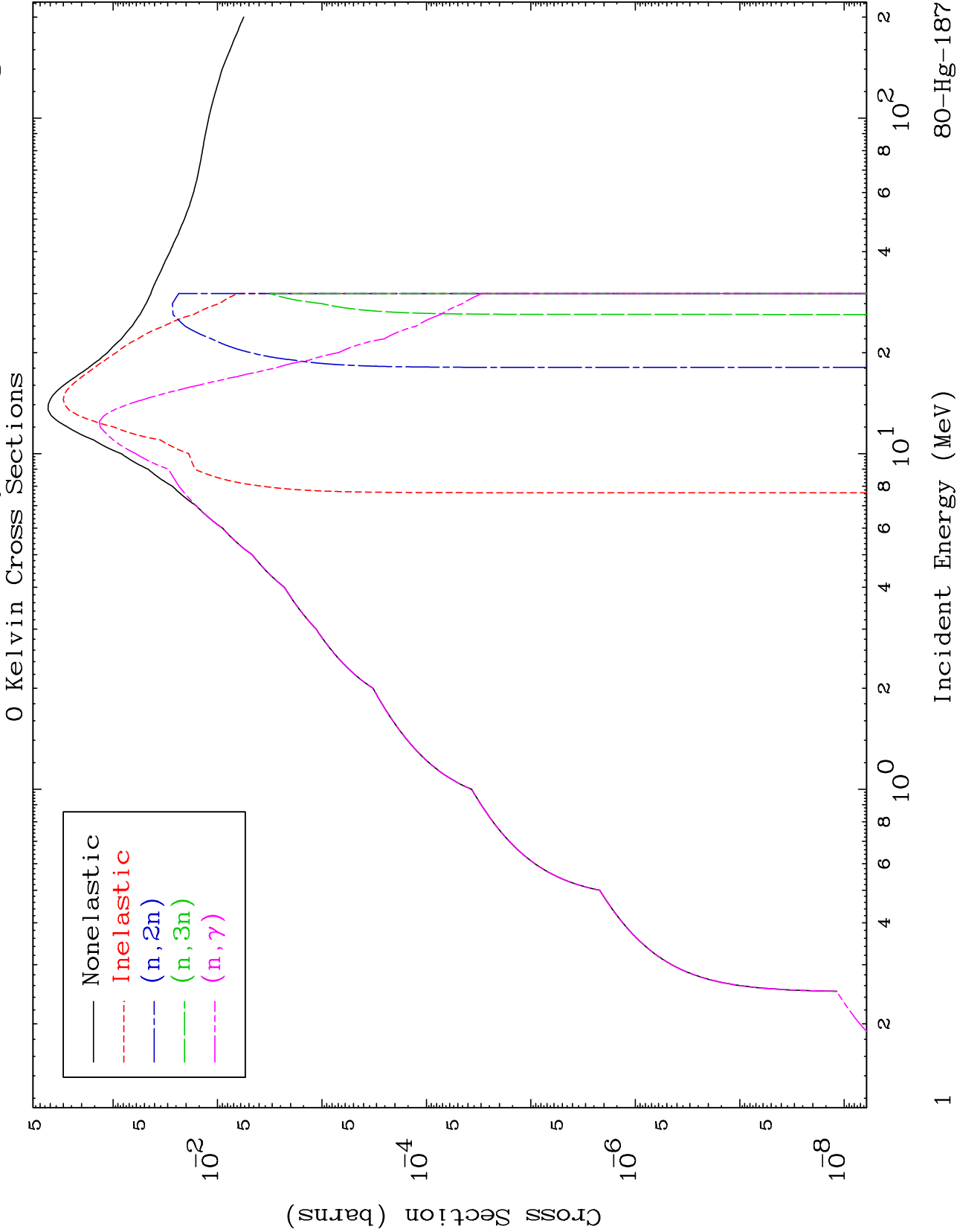
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7998

Photon Major

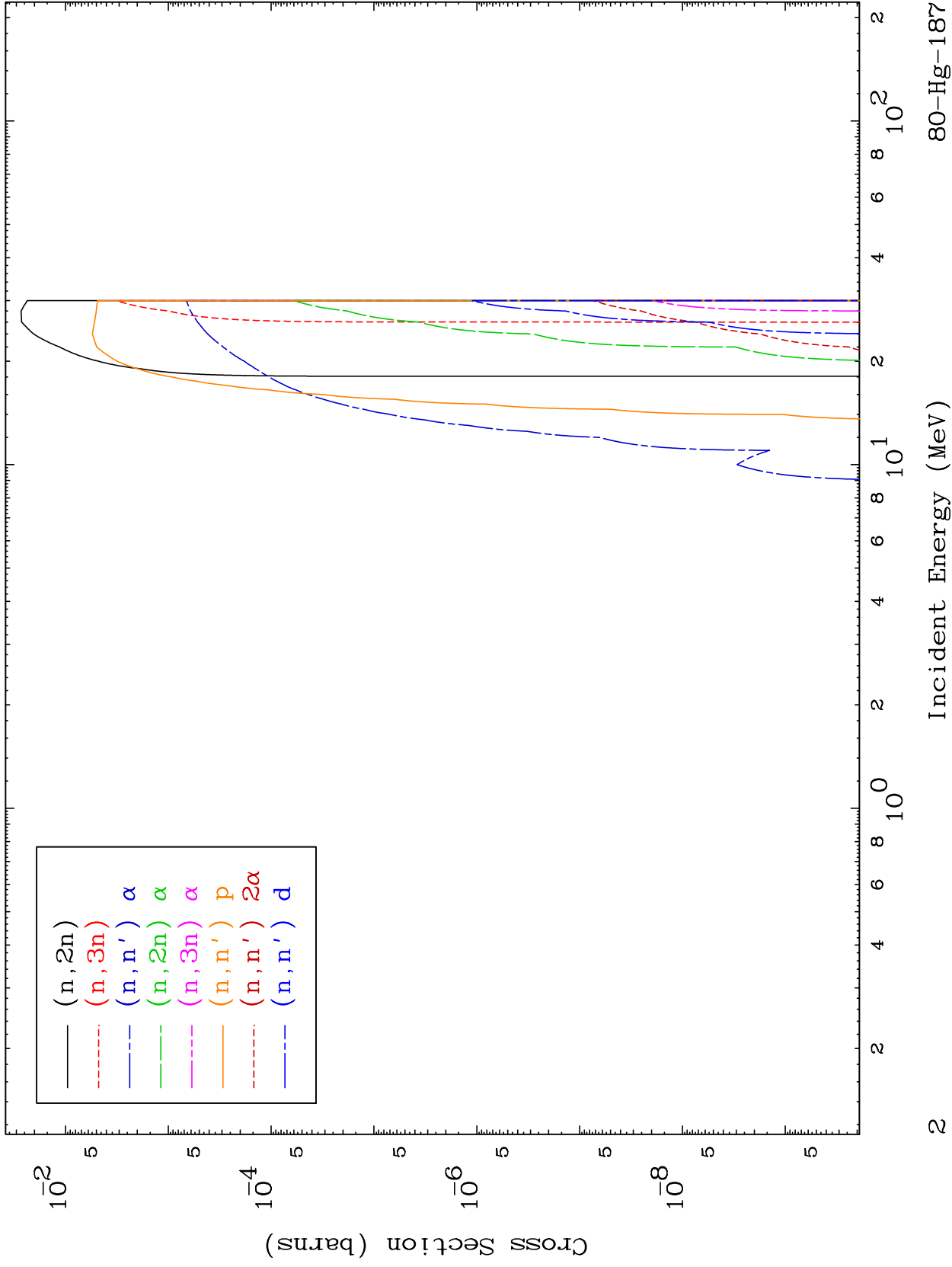
80-Hg-187

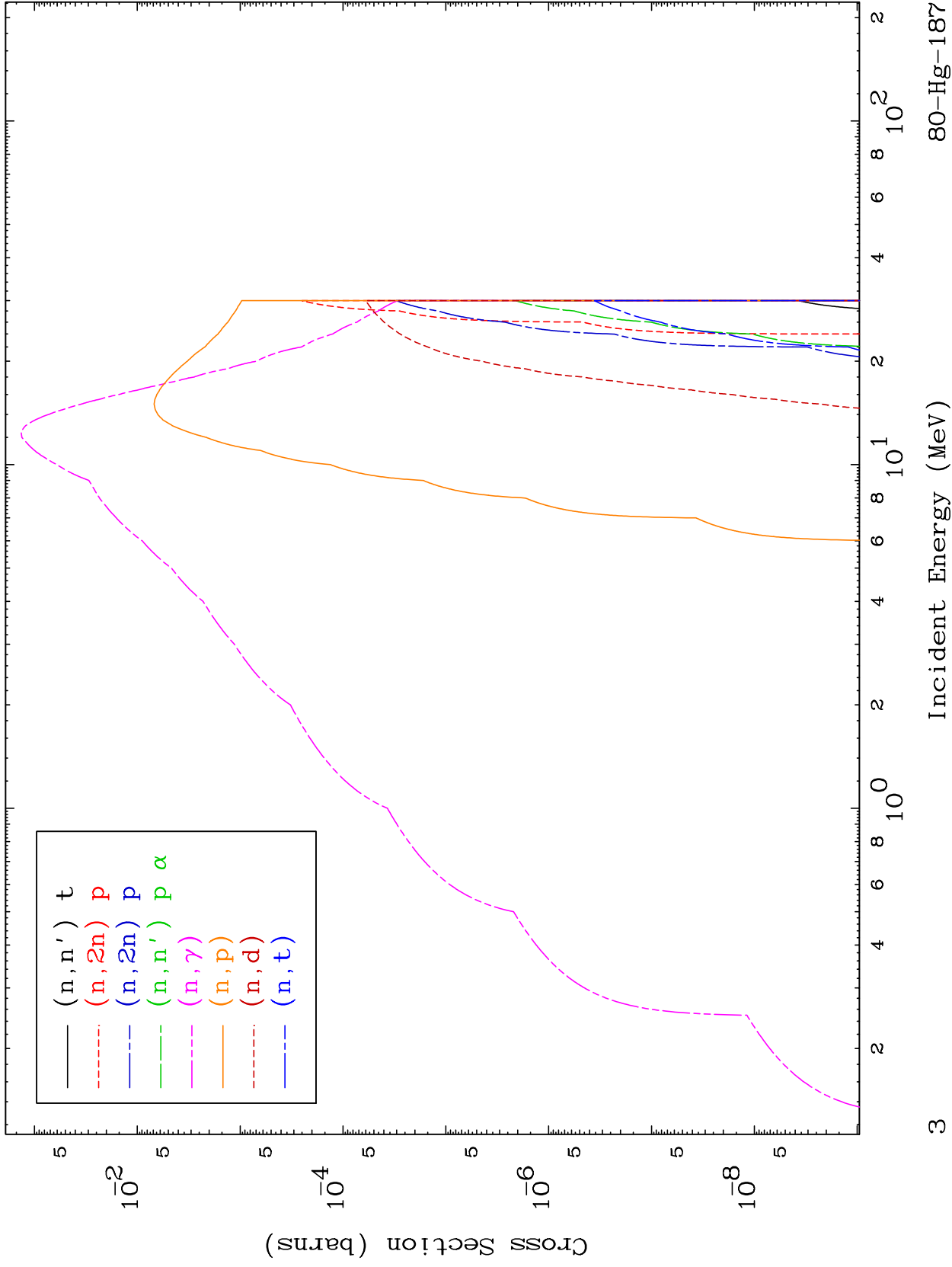


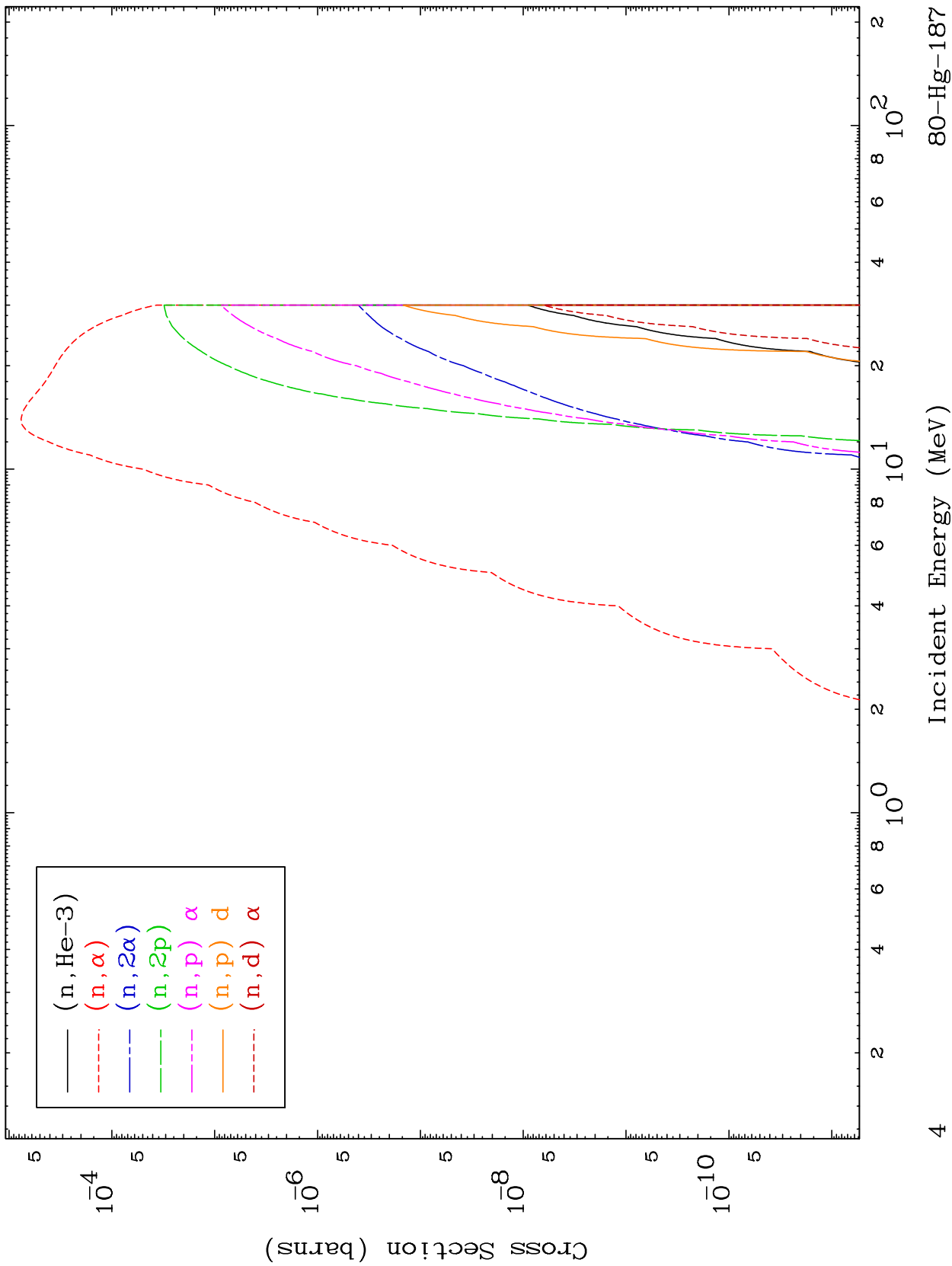
MAT 7998

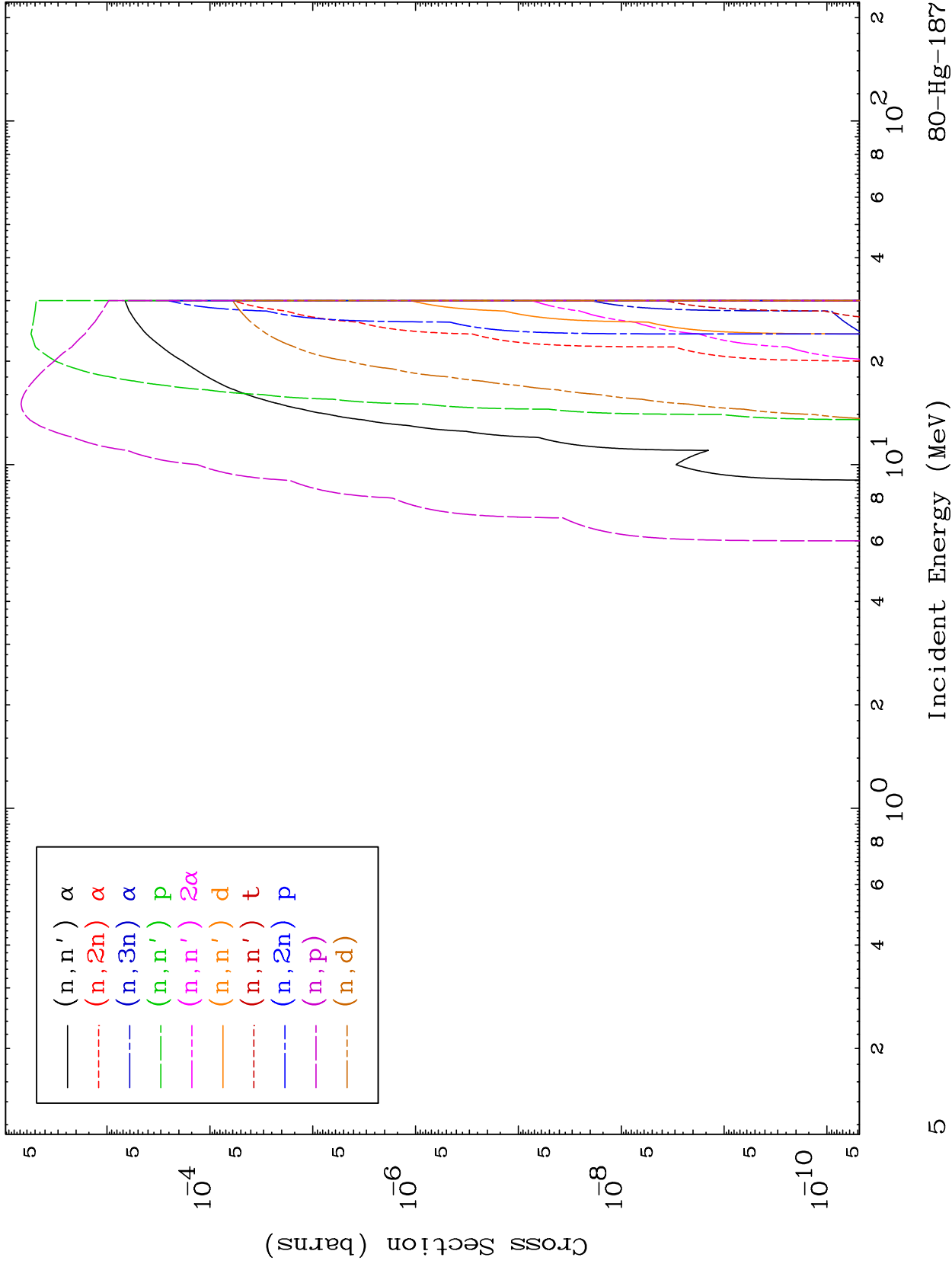
Photon Neutron Absorption
0 Kelvin Cross Sections

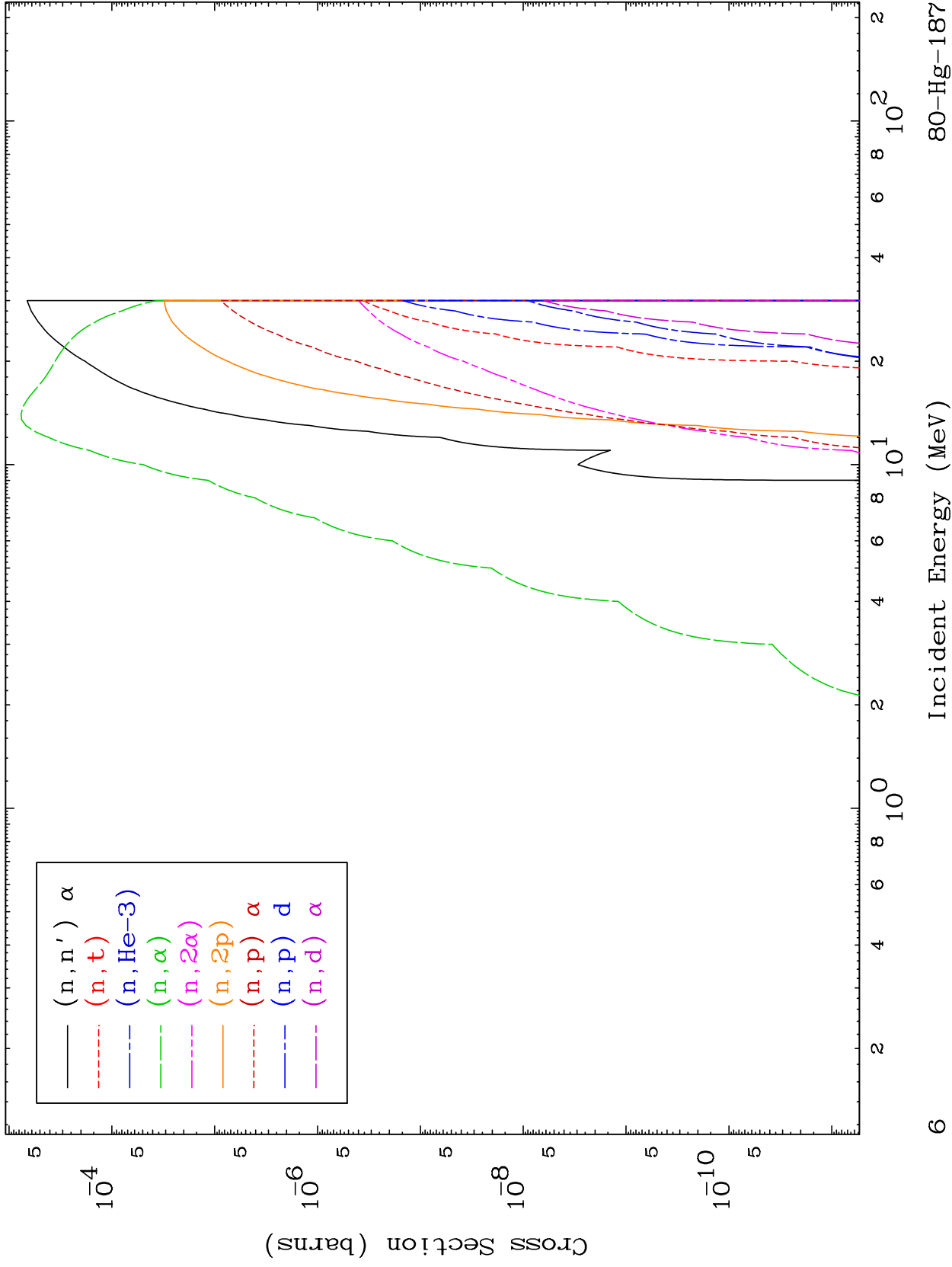
80-Hg-187







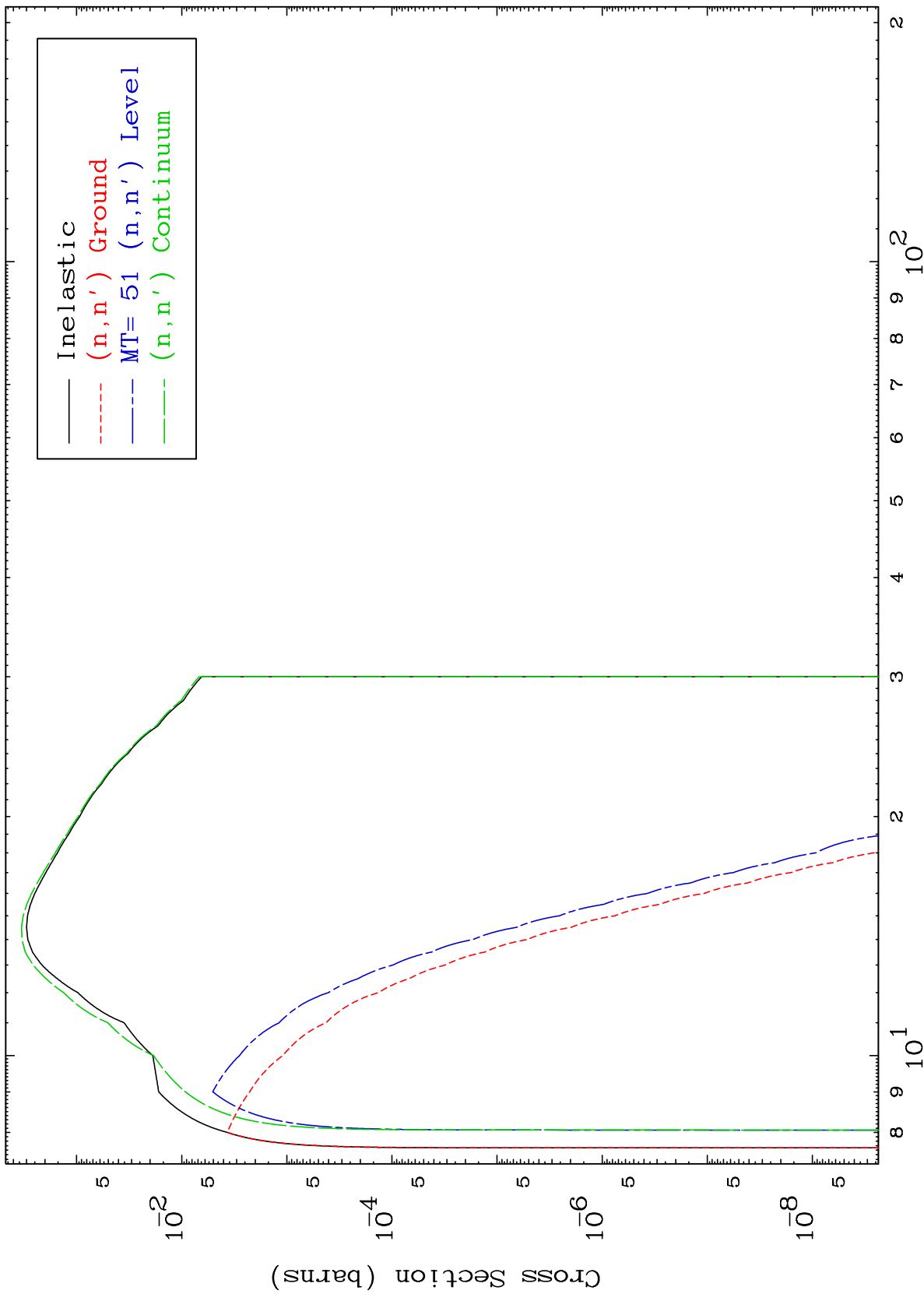




MAT 7998

80-Hg-187

(γ, n') Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

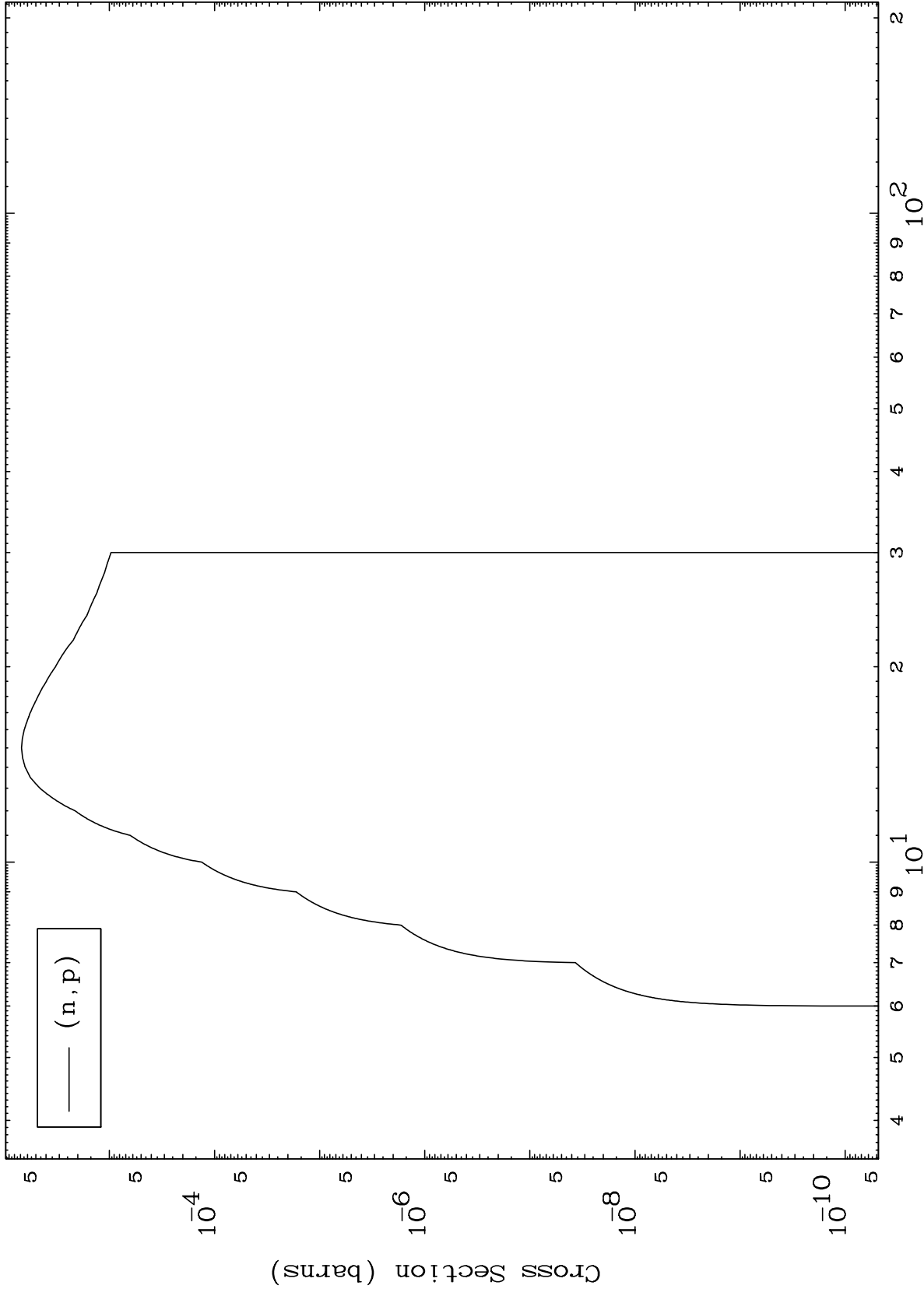
80-Hg-187

MAT 7998

(γ, p) Levels

80-Hg-187

0 Kelvin Cross Sections



(n, p)

8

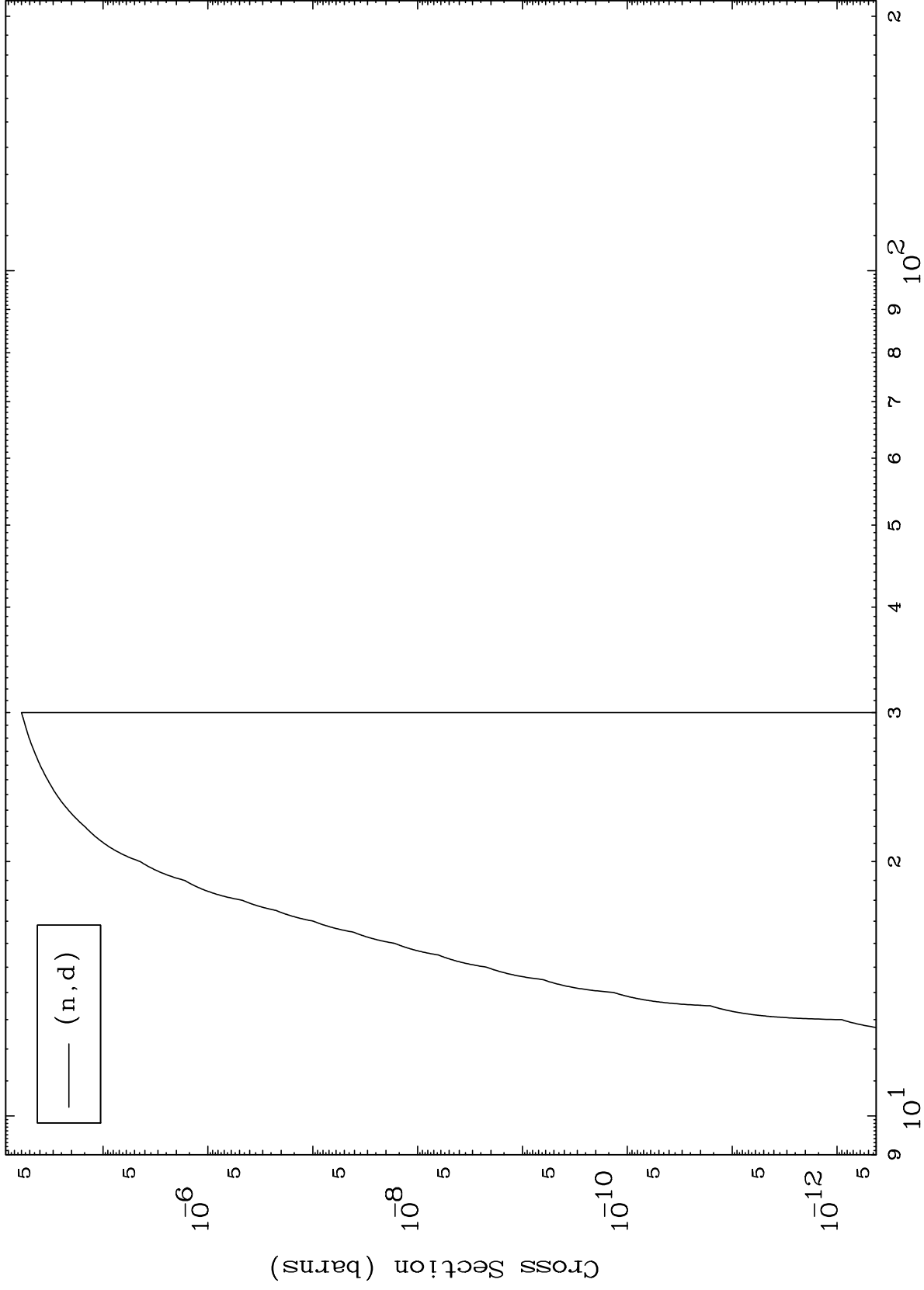
Incident Energy (MeV)

80-Hg-187

MAT 7998

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-187



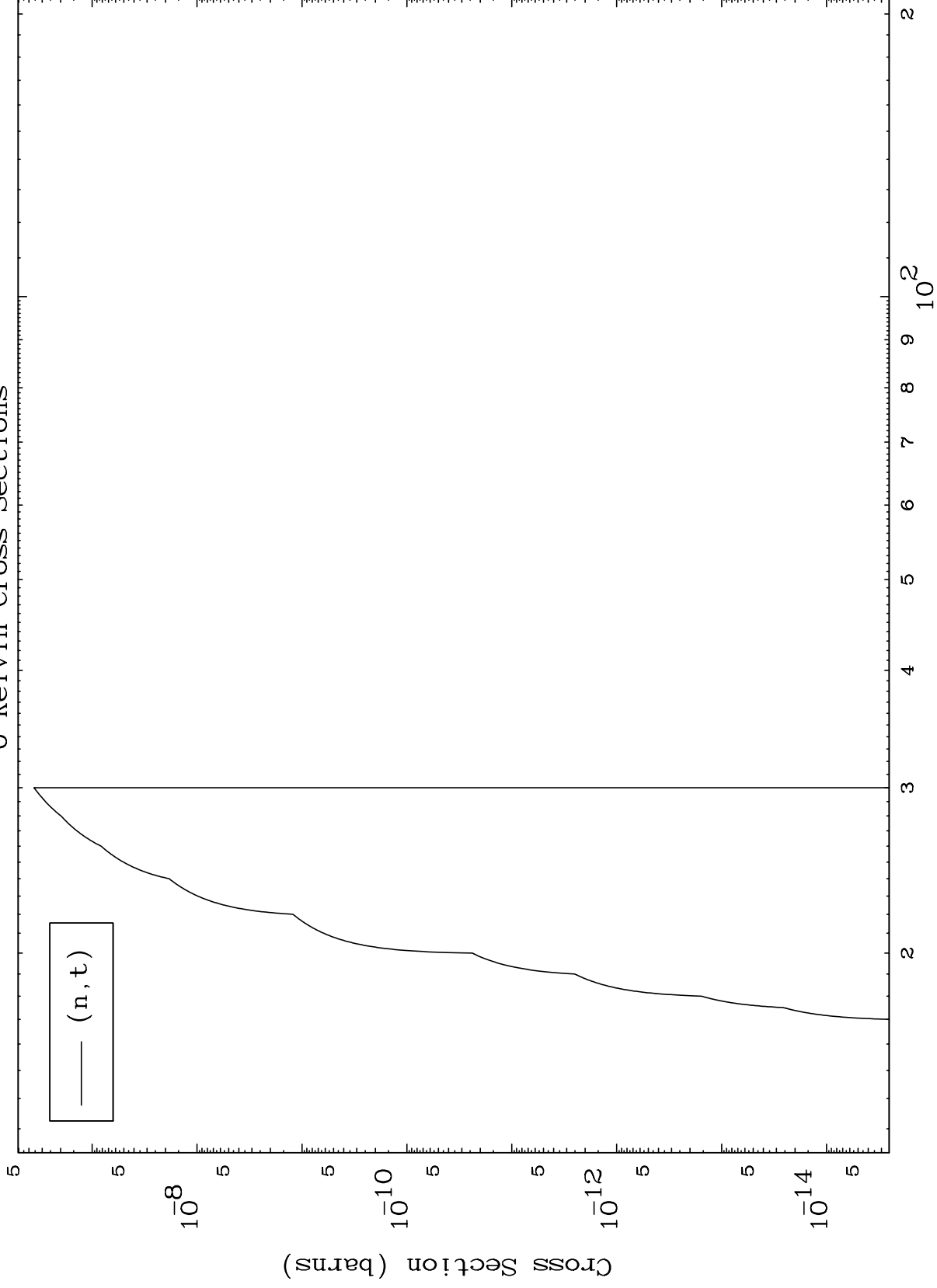
Incident Energy (MeV)

80-Hg-187

MAT 7998

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-187



10

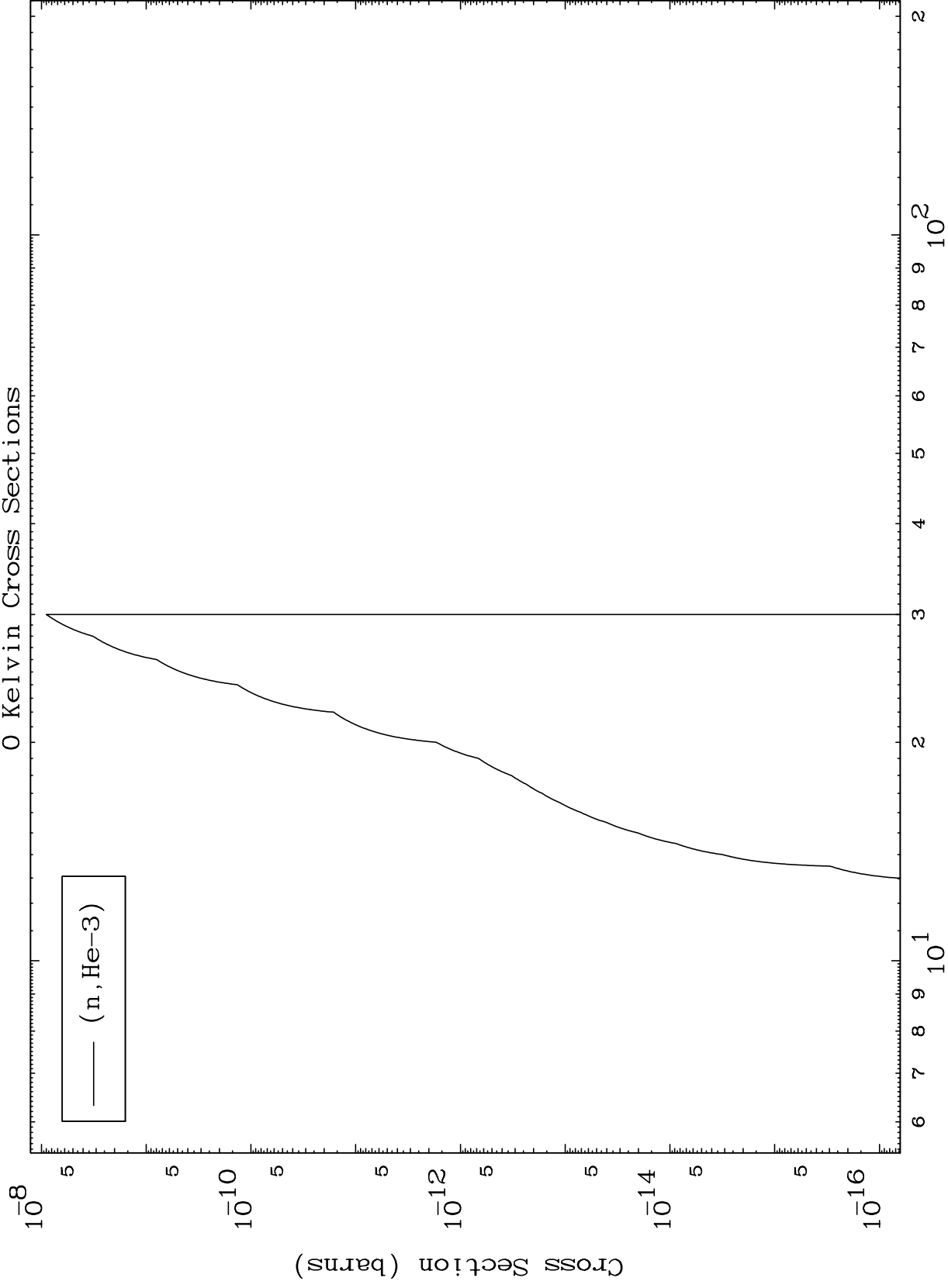
Incident Energy (MeV)

80-Hg-187

MAT 7998

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

80-Hg-187



11

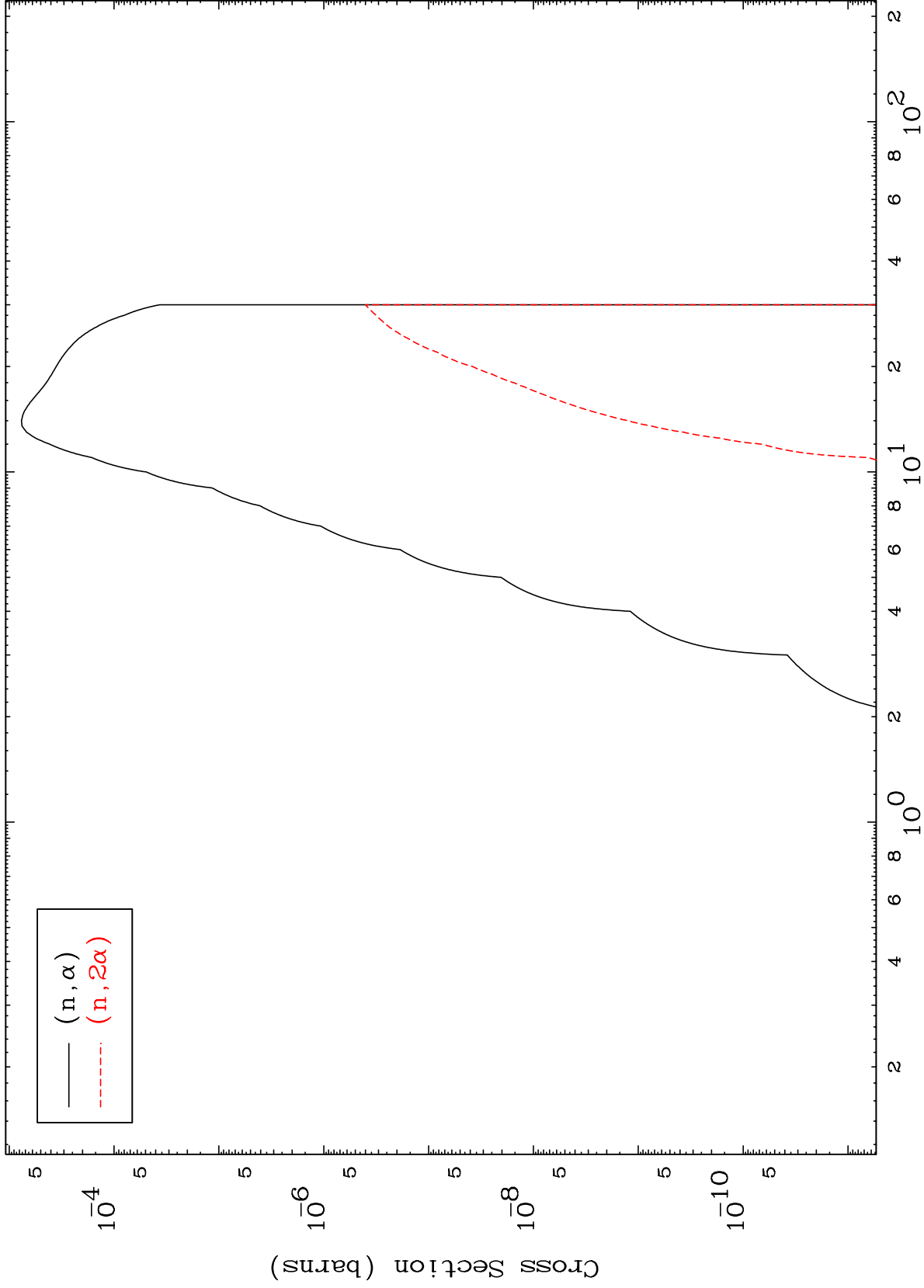
Incident Energy (MeV)

80-Hg-187

MAT 7998

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-187



12

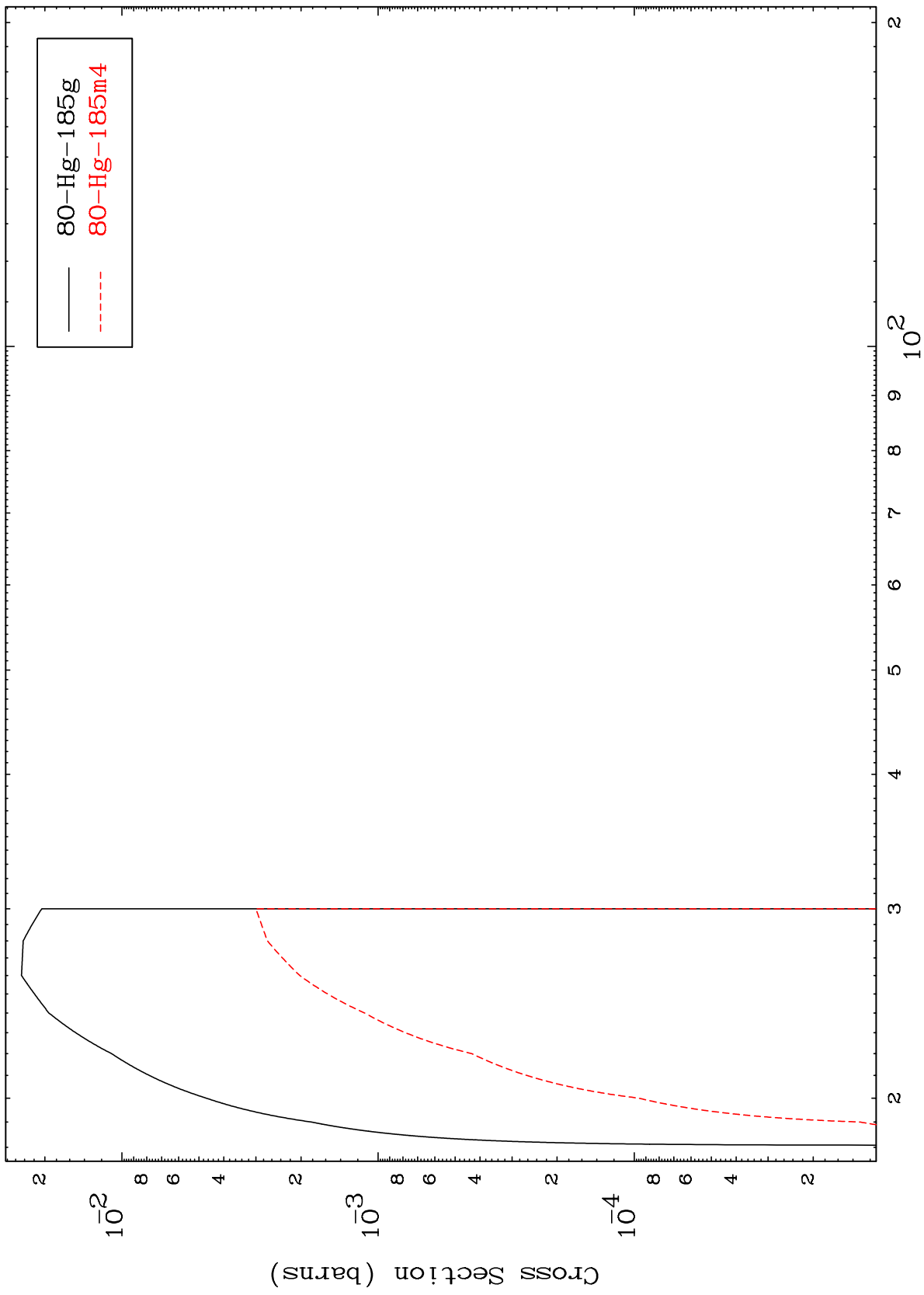
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(n,2n)
Radionuclide Production Cross Section



80-Hg-187

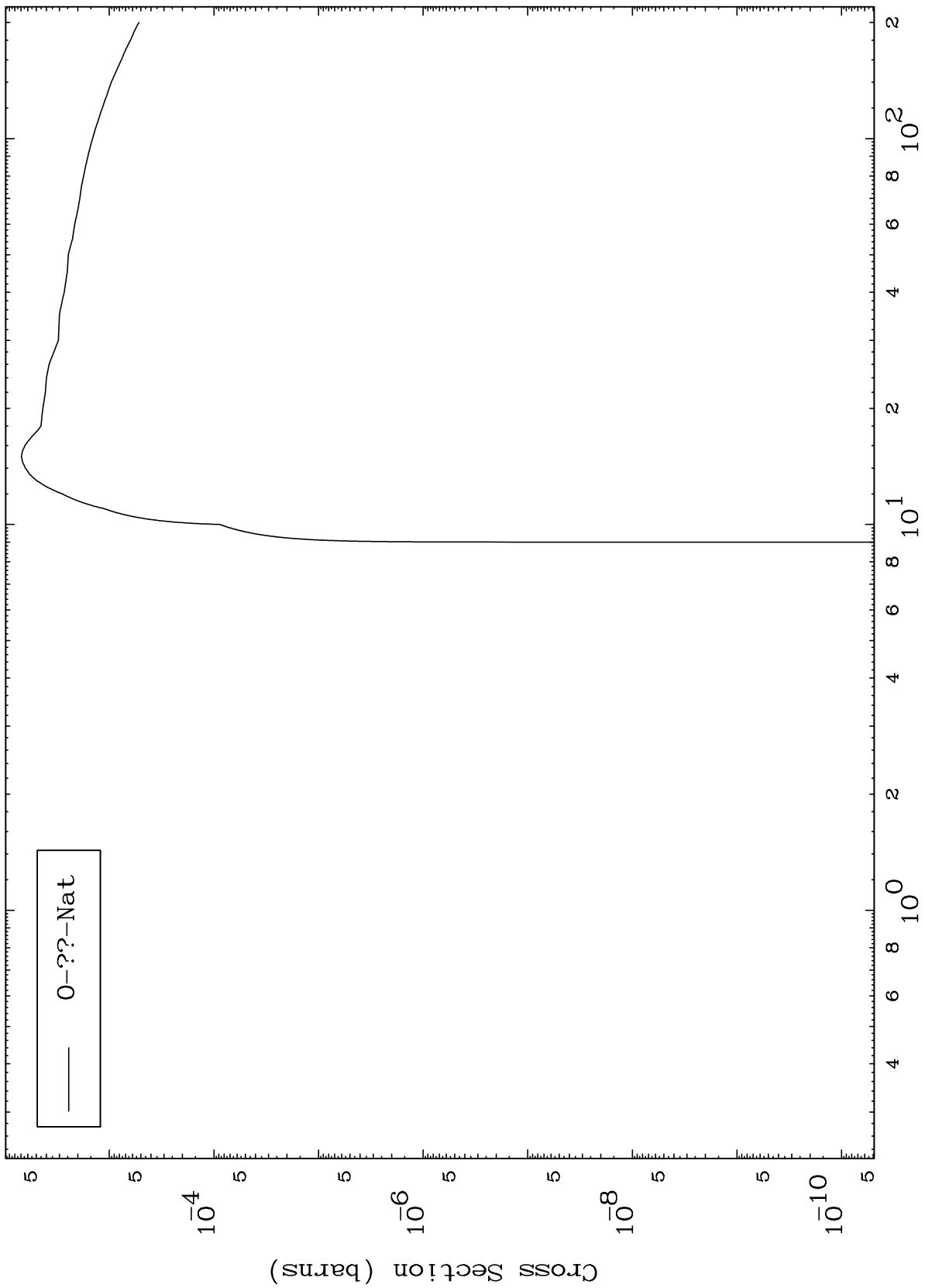
Incident Energy (MeV)

13

MAT 7998

80-Hg-187

Fission
Radionuclide Production Cross Section



80-Hg-187

Incident Energy (MeV)

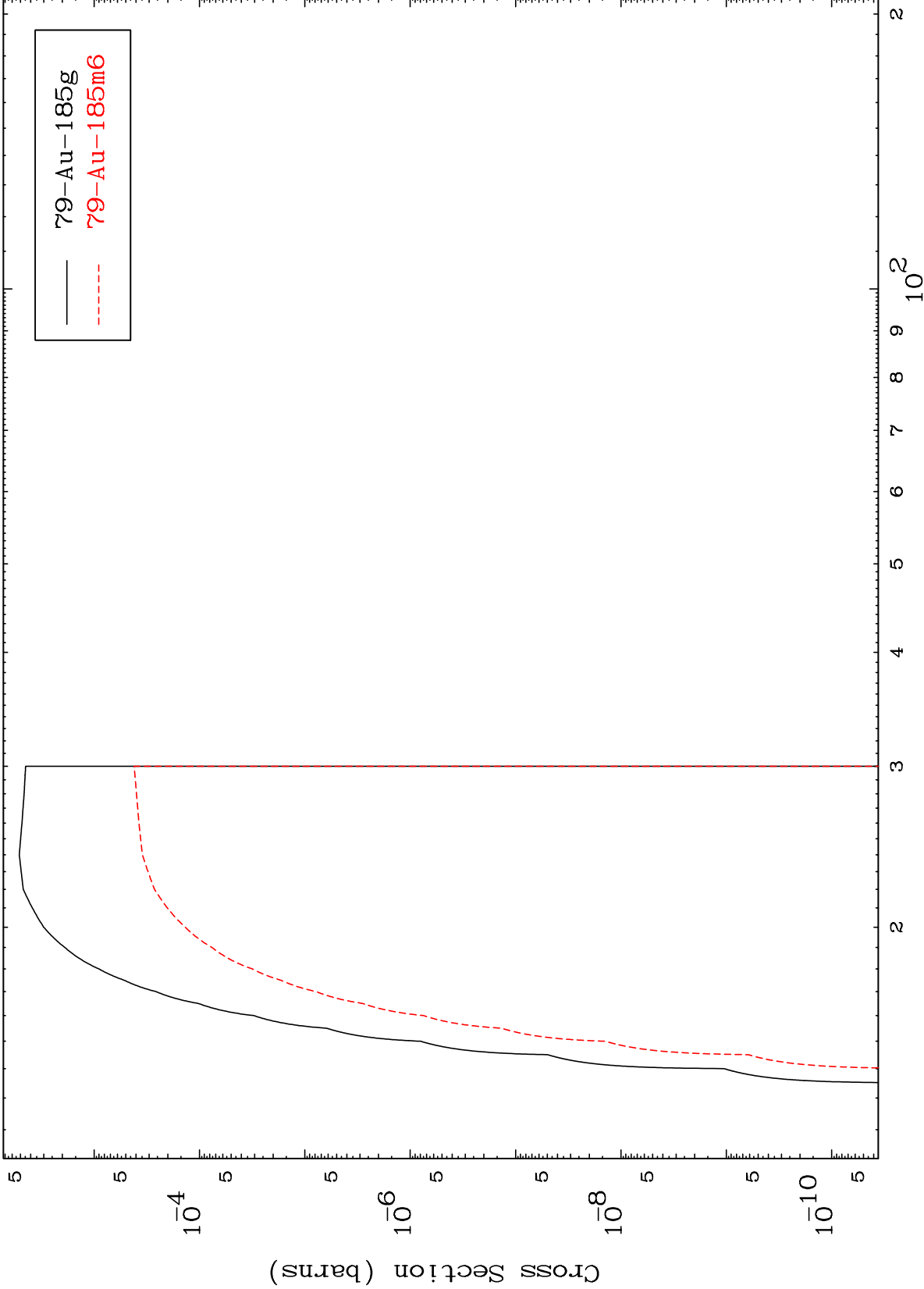
14

MAT 7998

(n,n') p

80-Hg-187

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

15

Incident Energy (MeV)

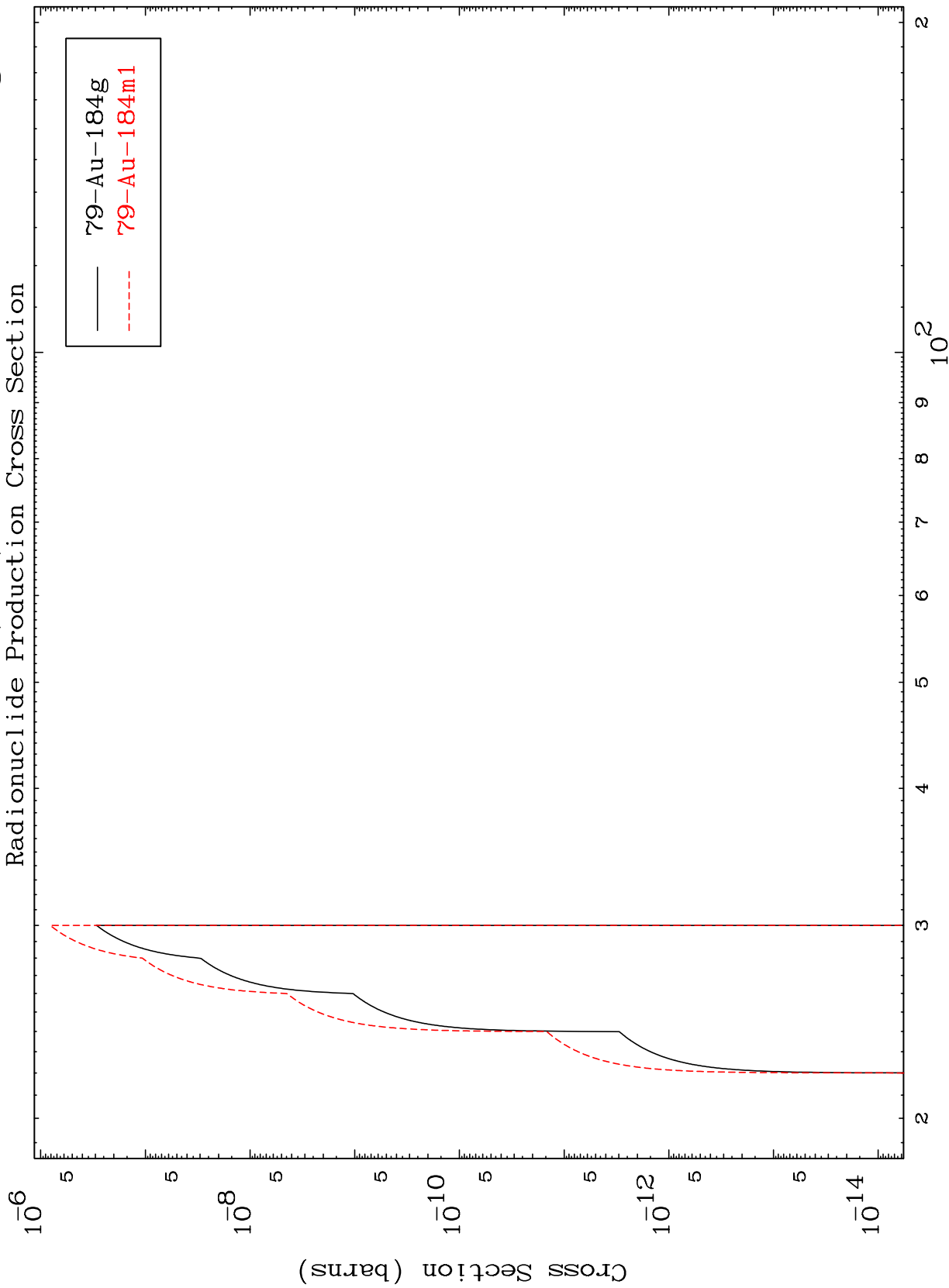
80-Hg-187

MAT 7998

(n,n') d

80-Hg-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

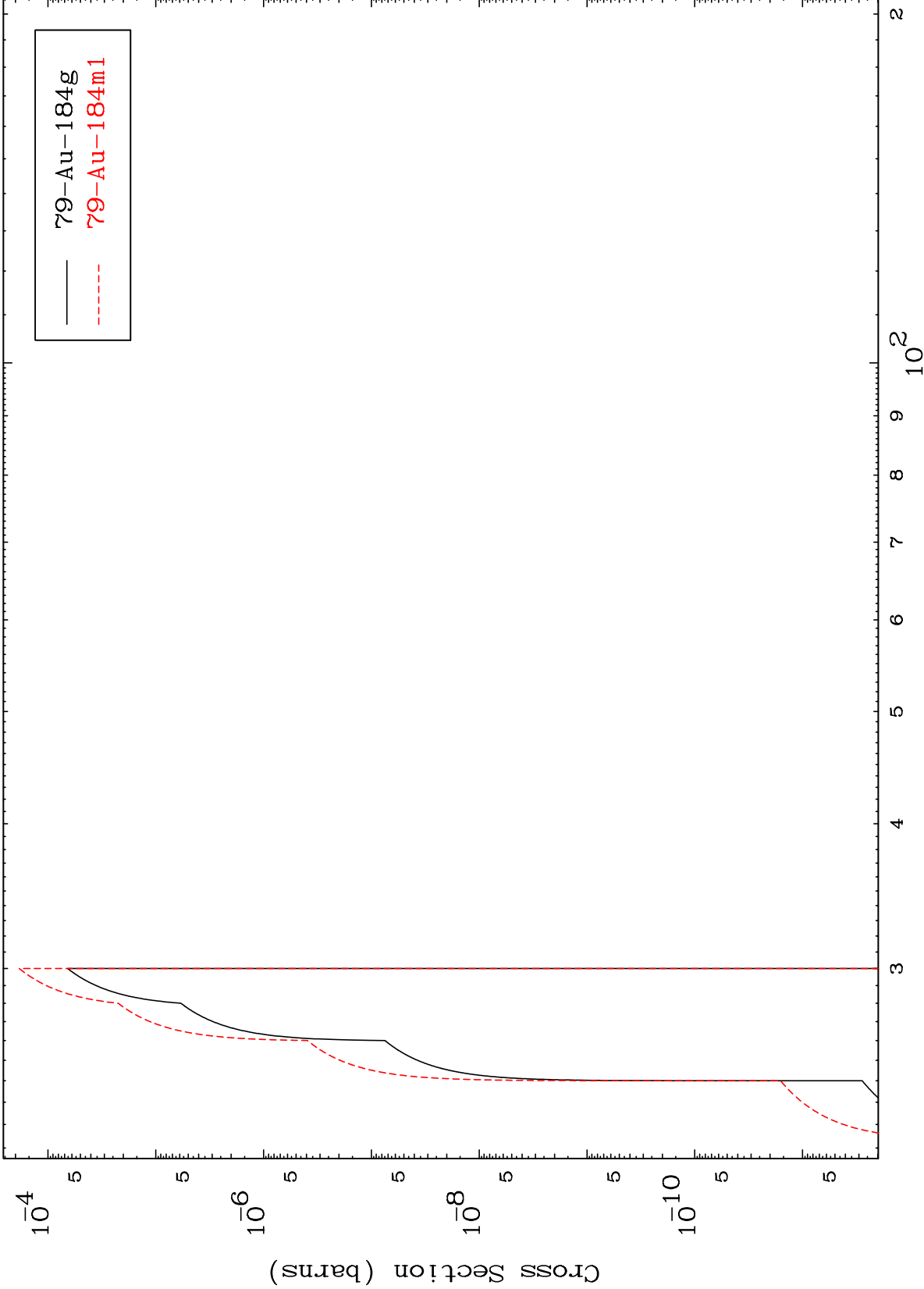
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



17

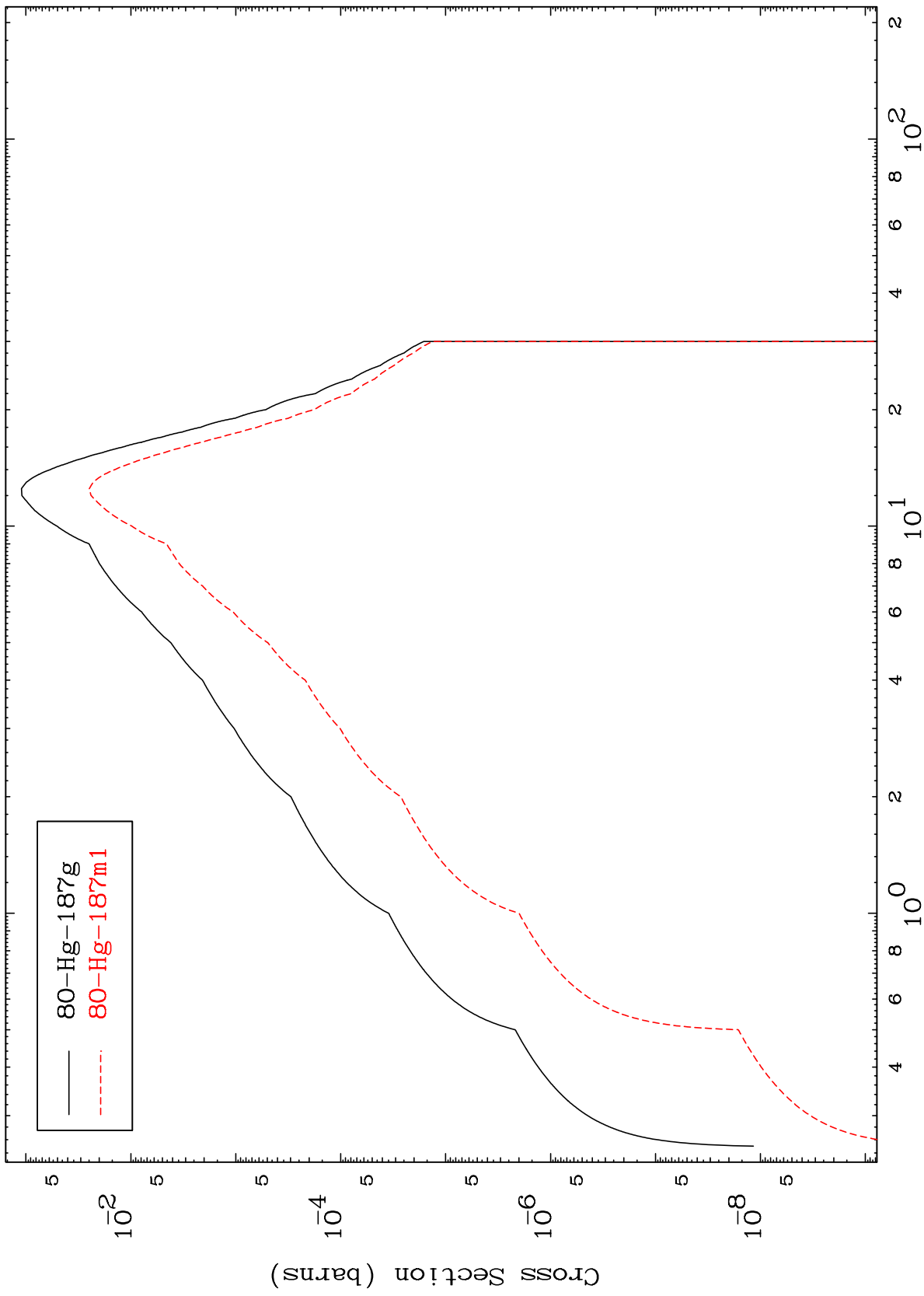
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(n,γ)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

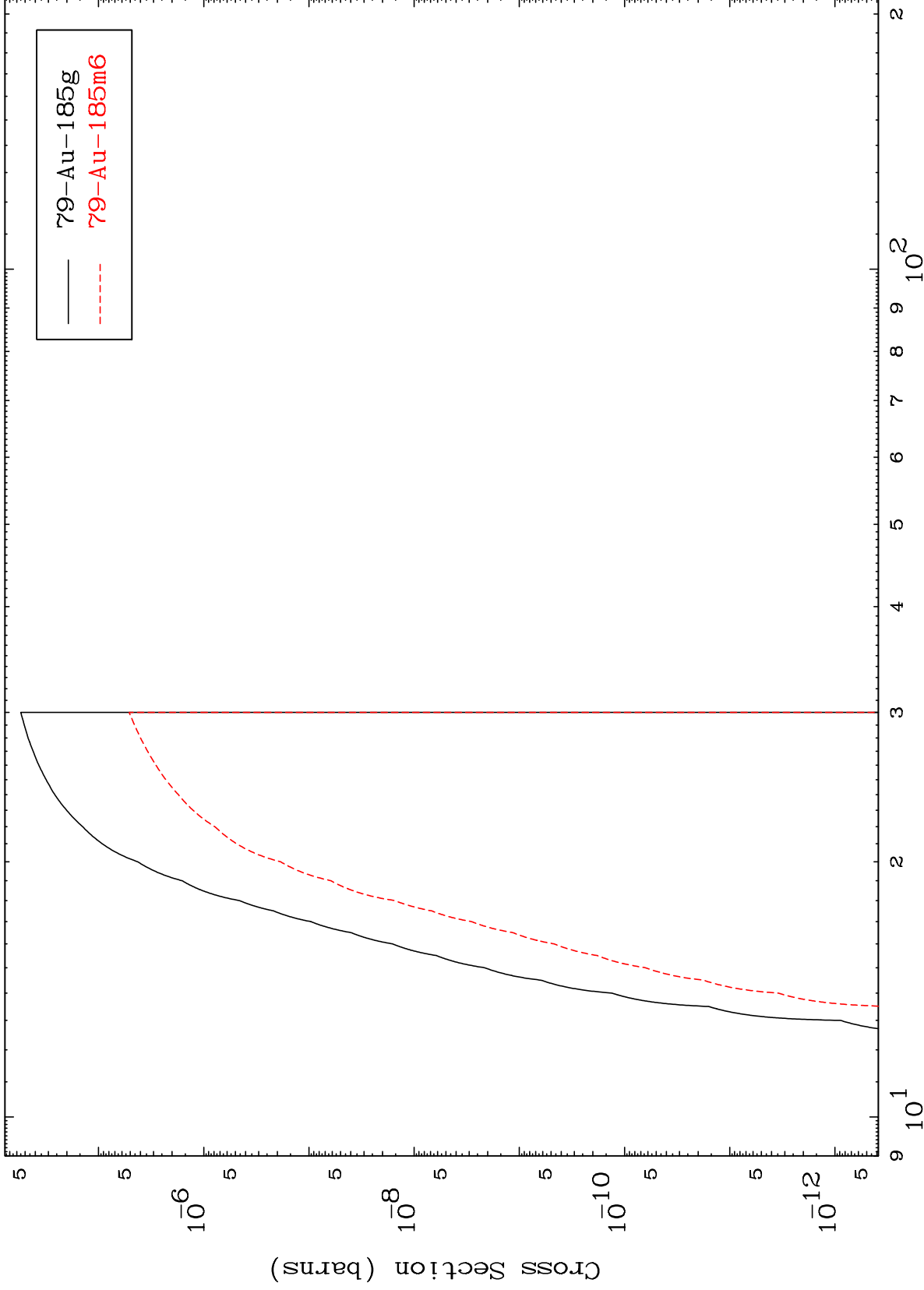
80-Hg-187

MAT 7998

(n,d)

80-Hg-187

Radionuclide Production Cross Section

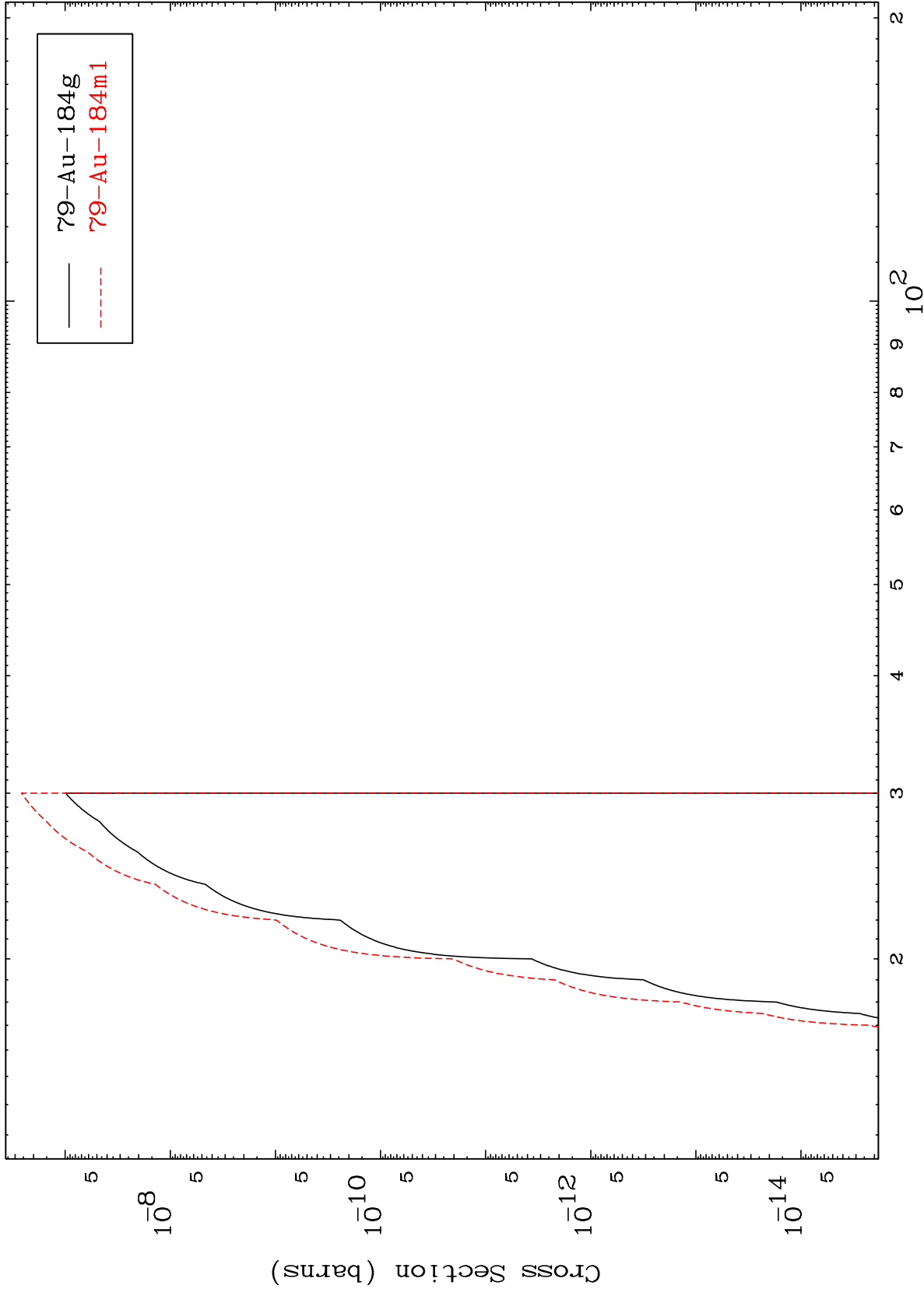


19

Incident Energy (MeV)

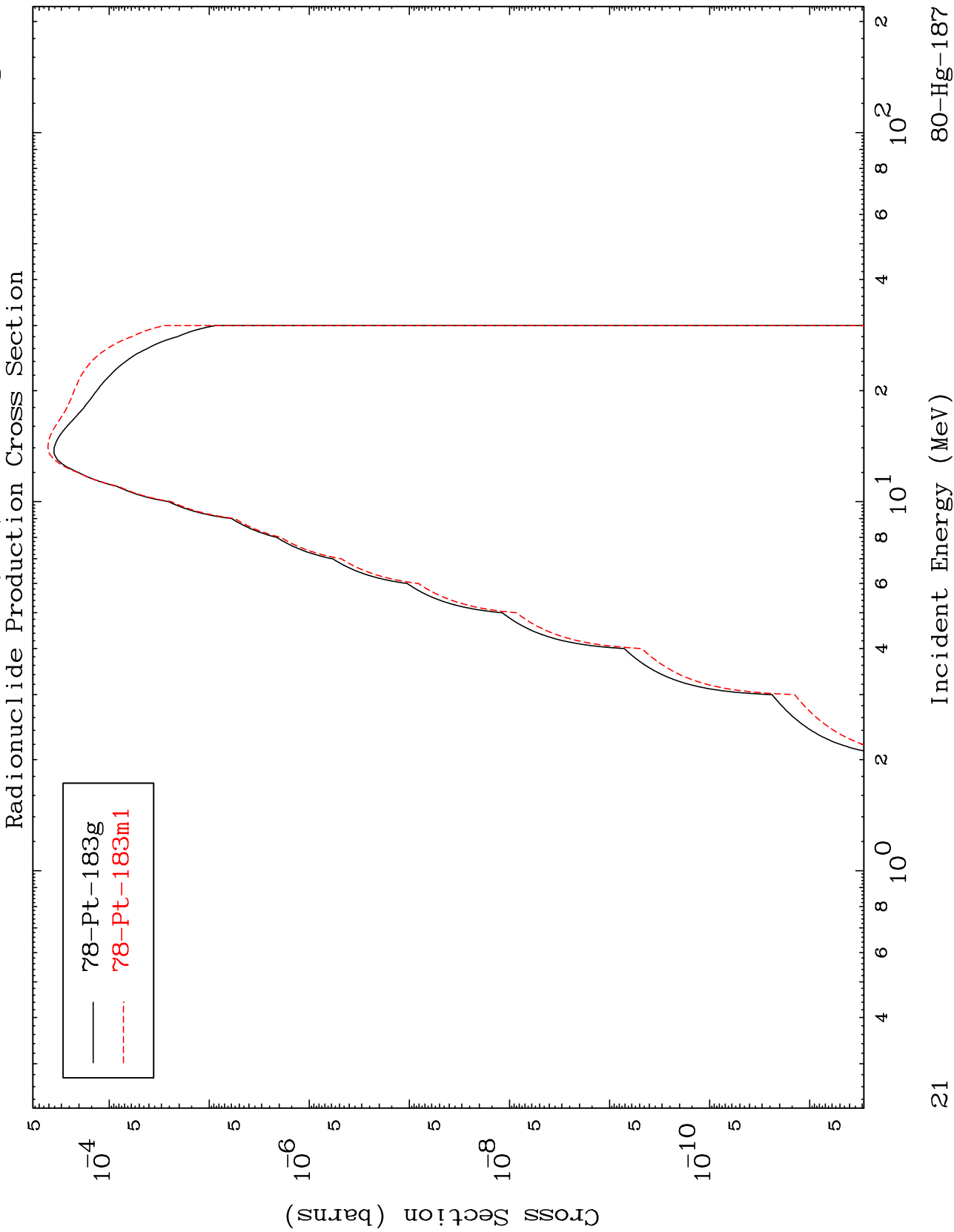
80-Hg-187

(n, t)
Radionuclide Production Cross Section



MAT 7998

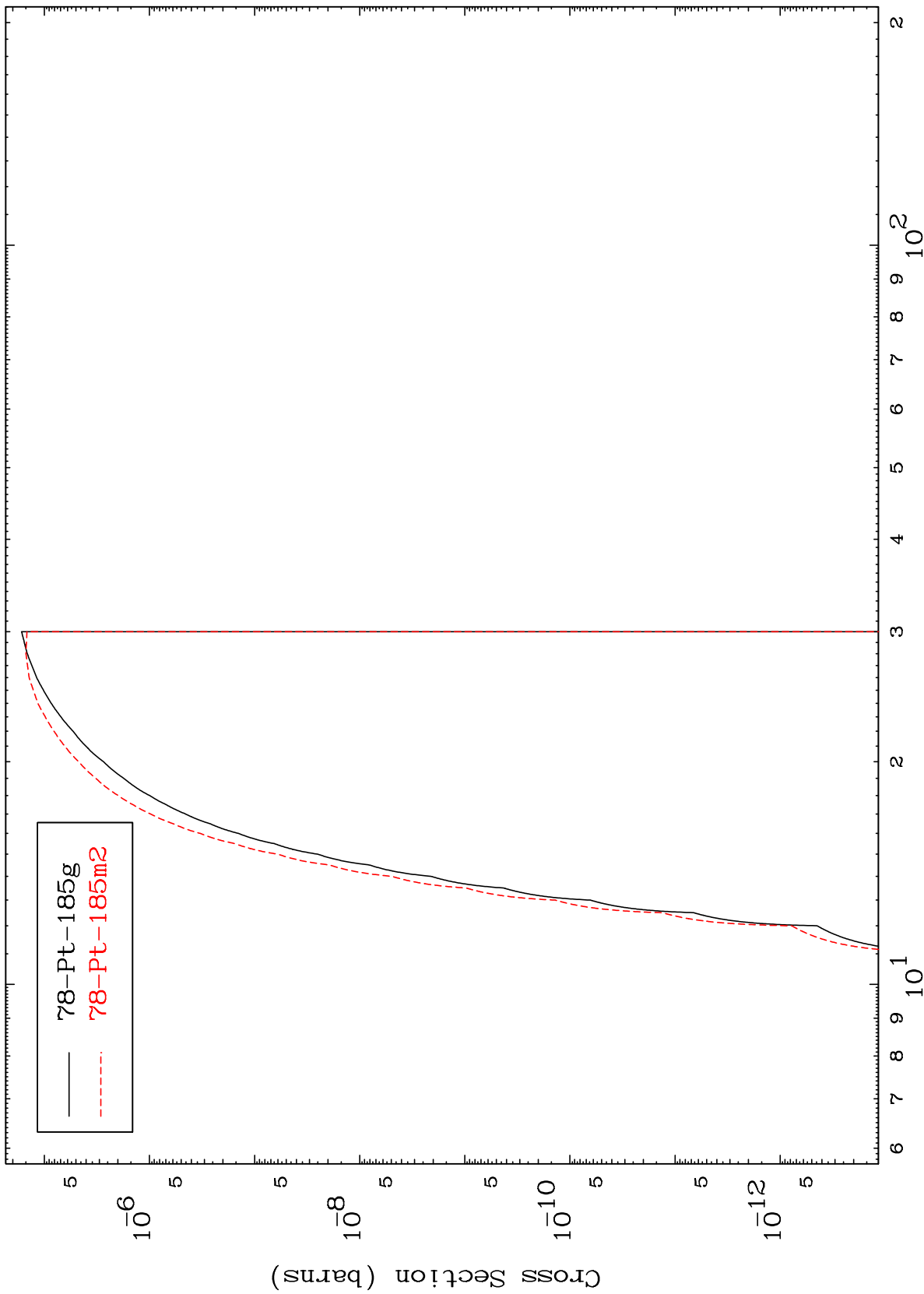
80-Hg-187



MAT 7998

80-Hg-187

Radionuclide Production Cross Section (n,2p)



Incident Energy (MeV)

80-Hg-187

22