

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

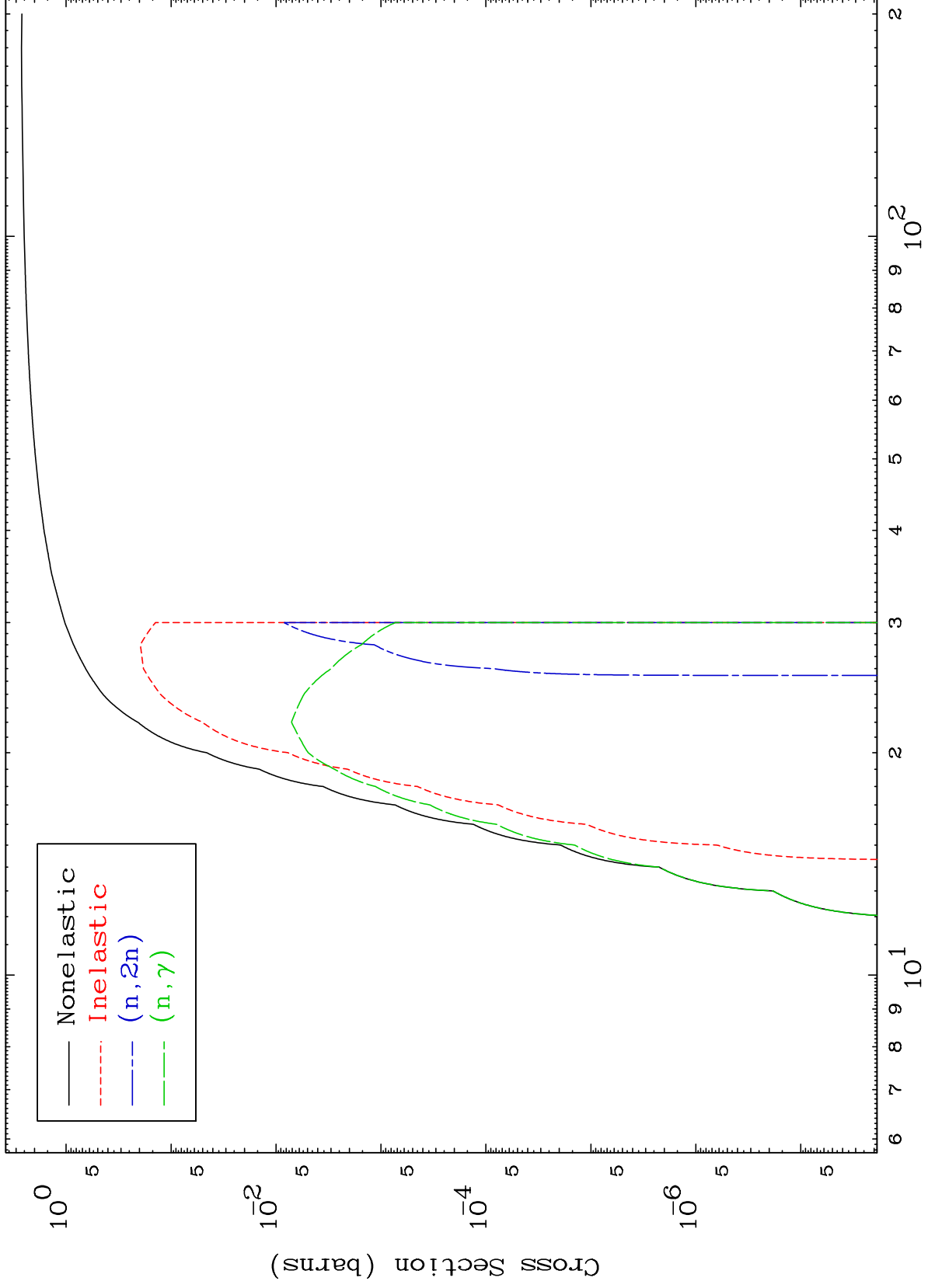
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7992

0 Kelvin Cross Sections

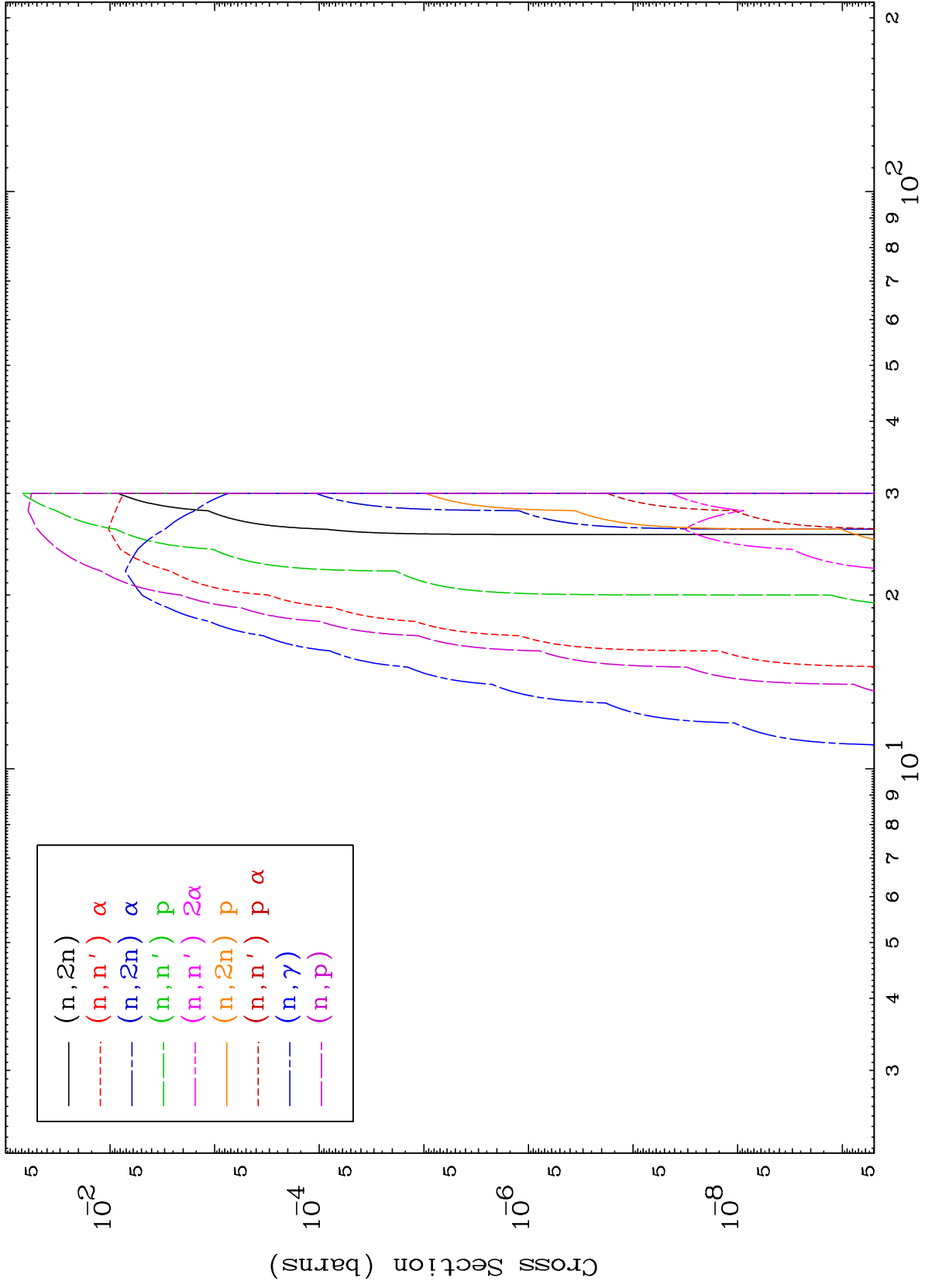
80-Hg-185



1

Incident Energy (MeV)

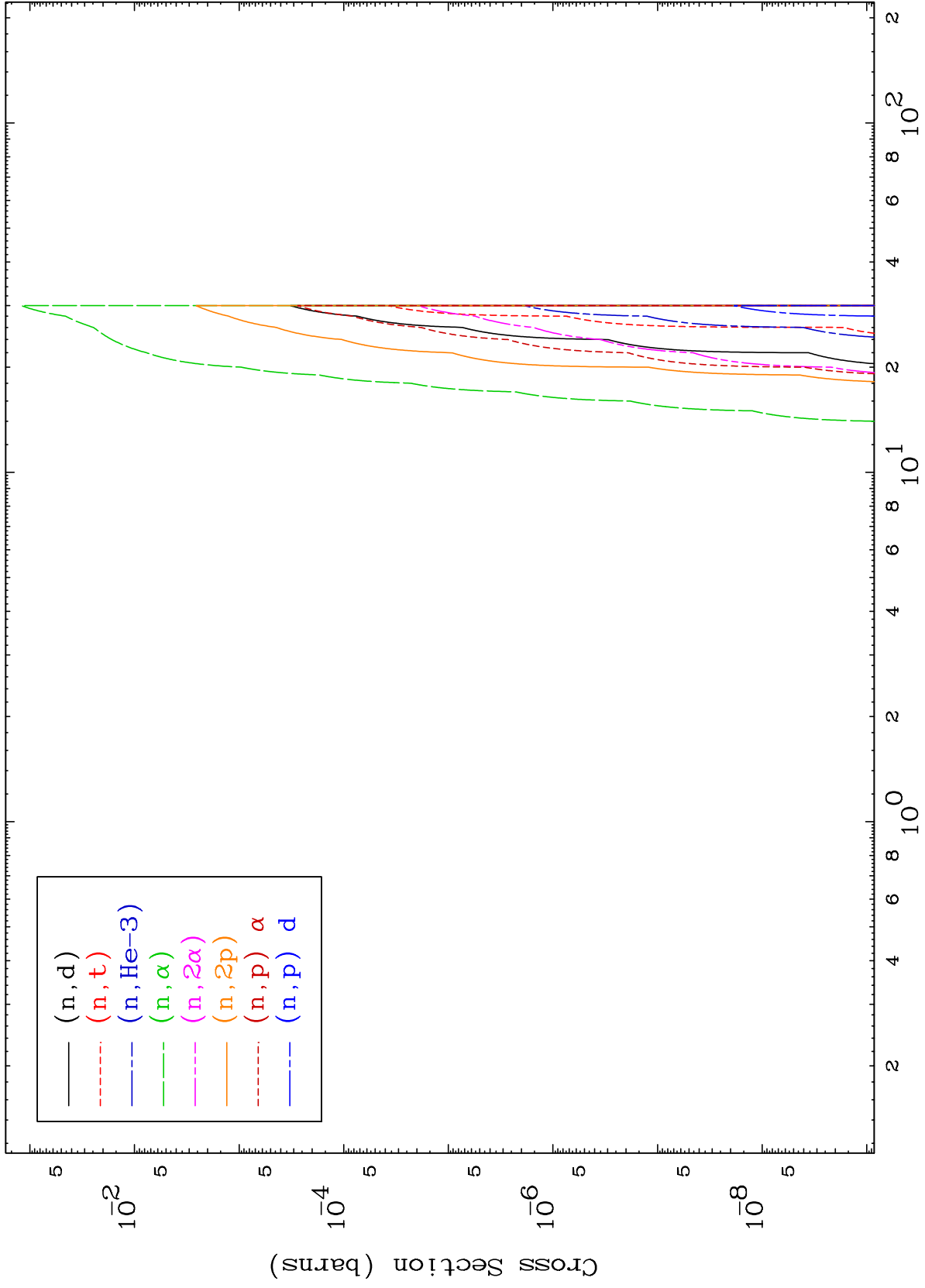
80-Hg-185

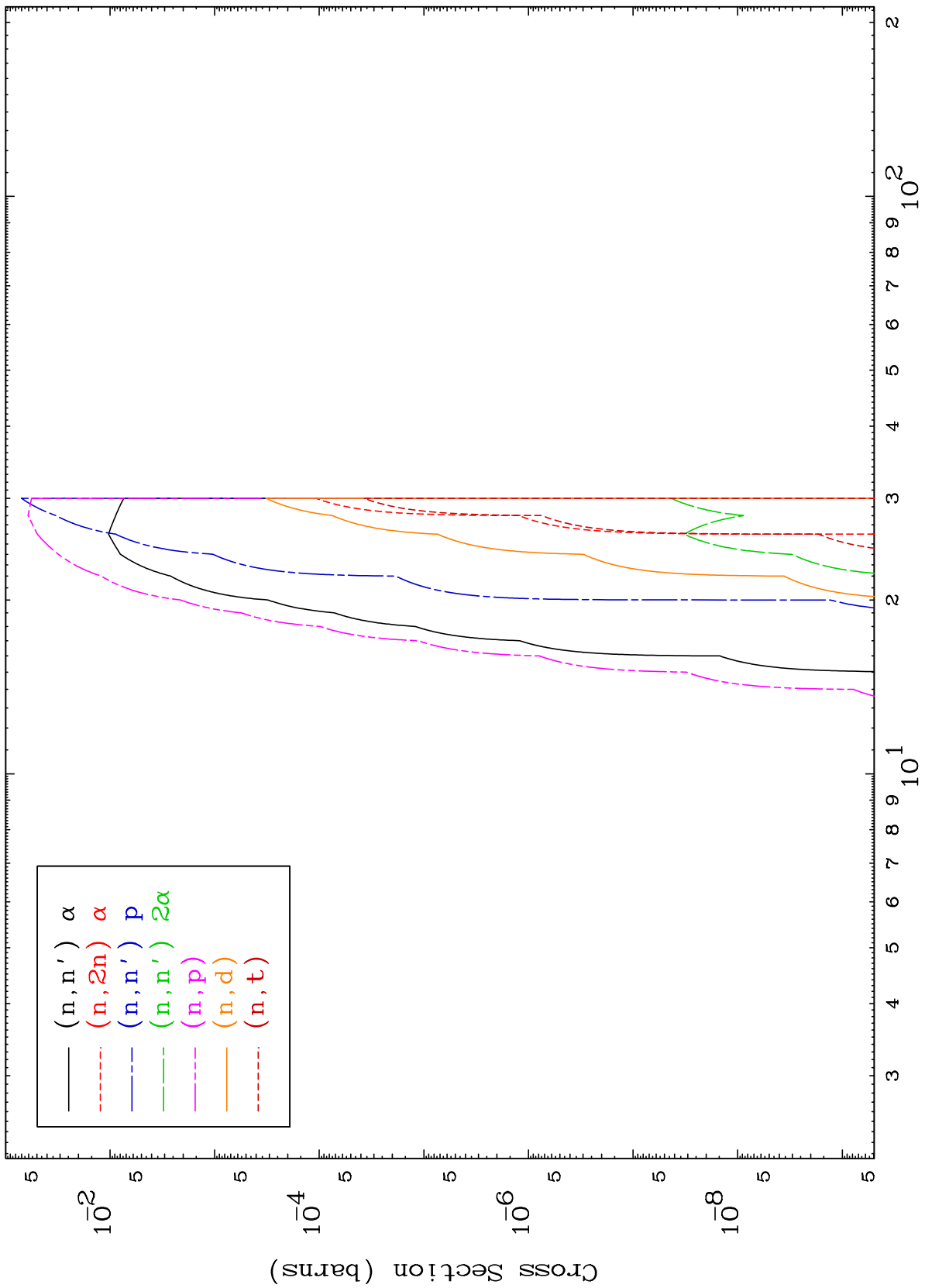


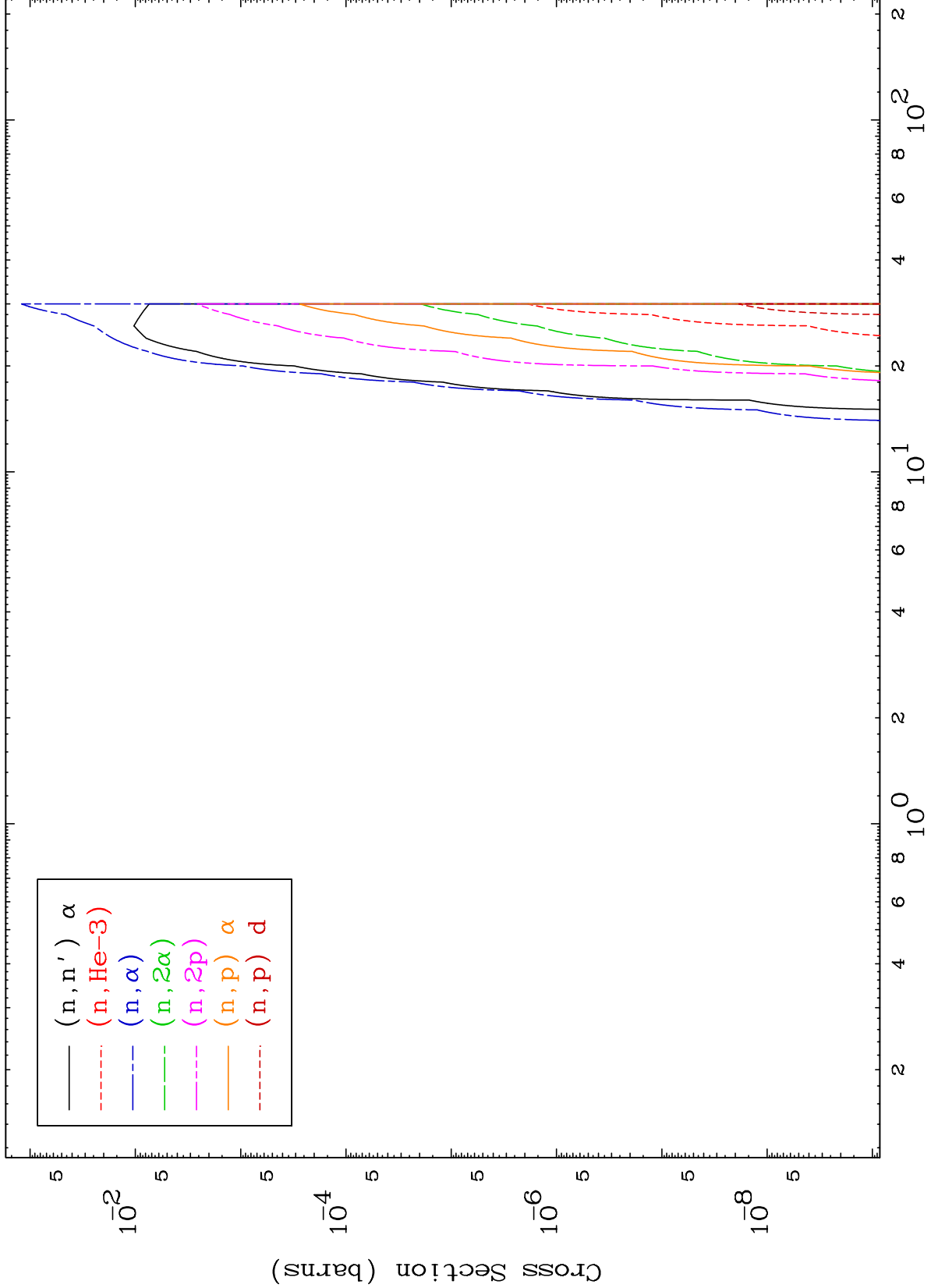
MAT 7992

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-185



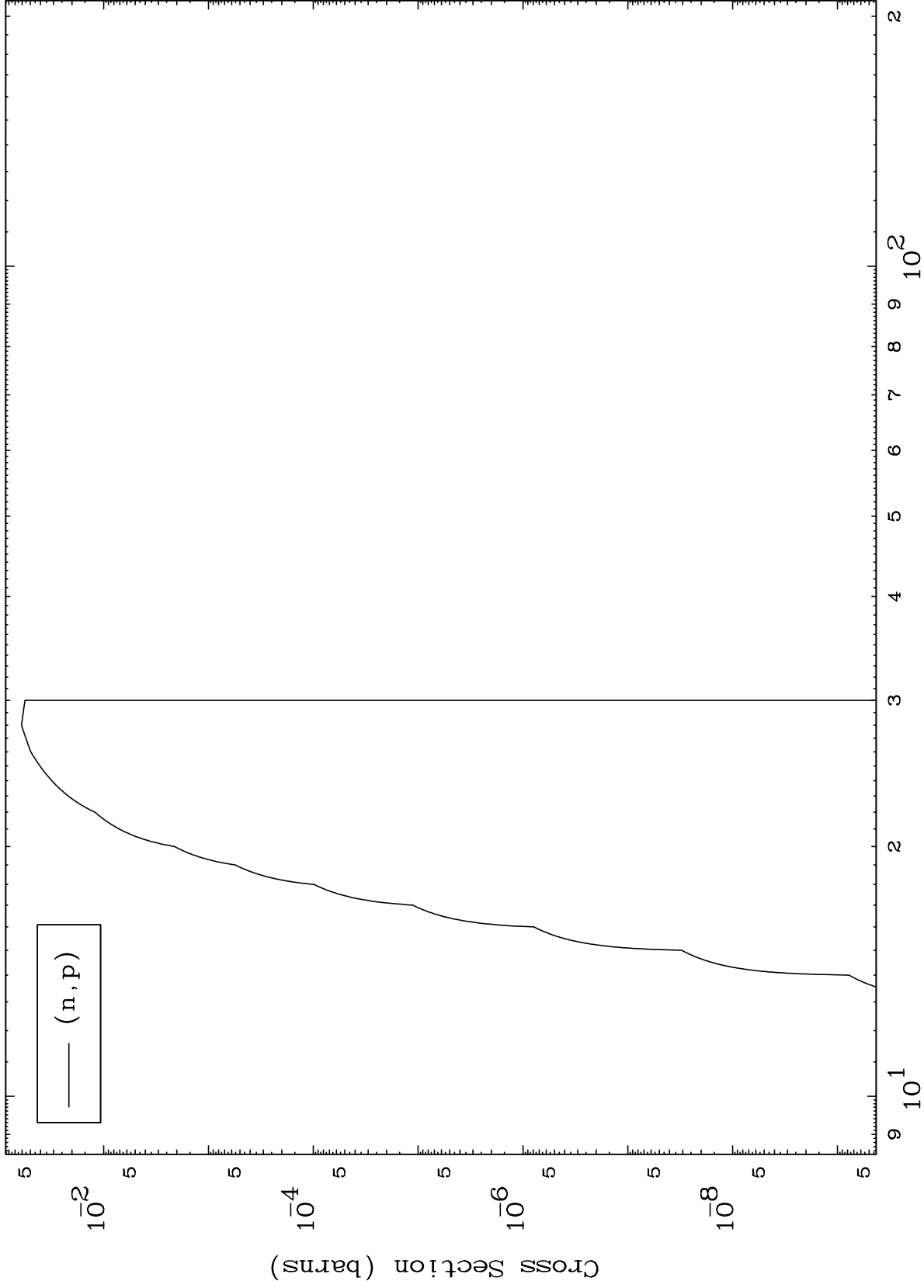




MAT 7992

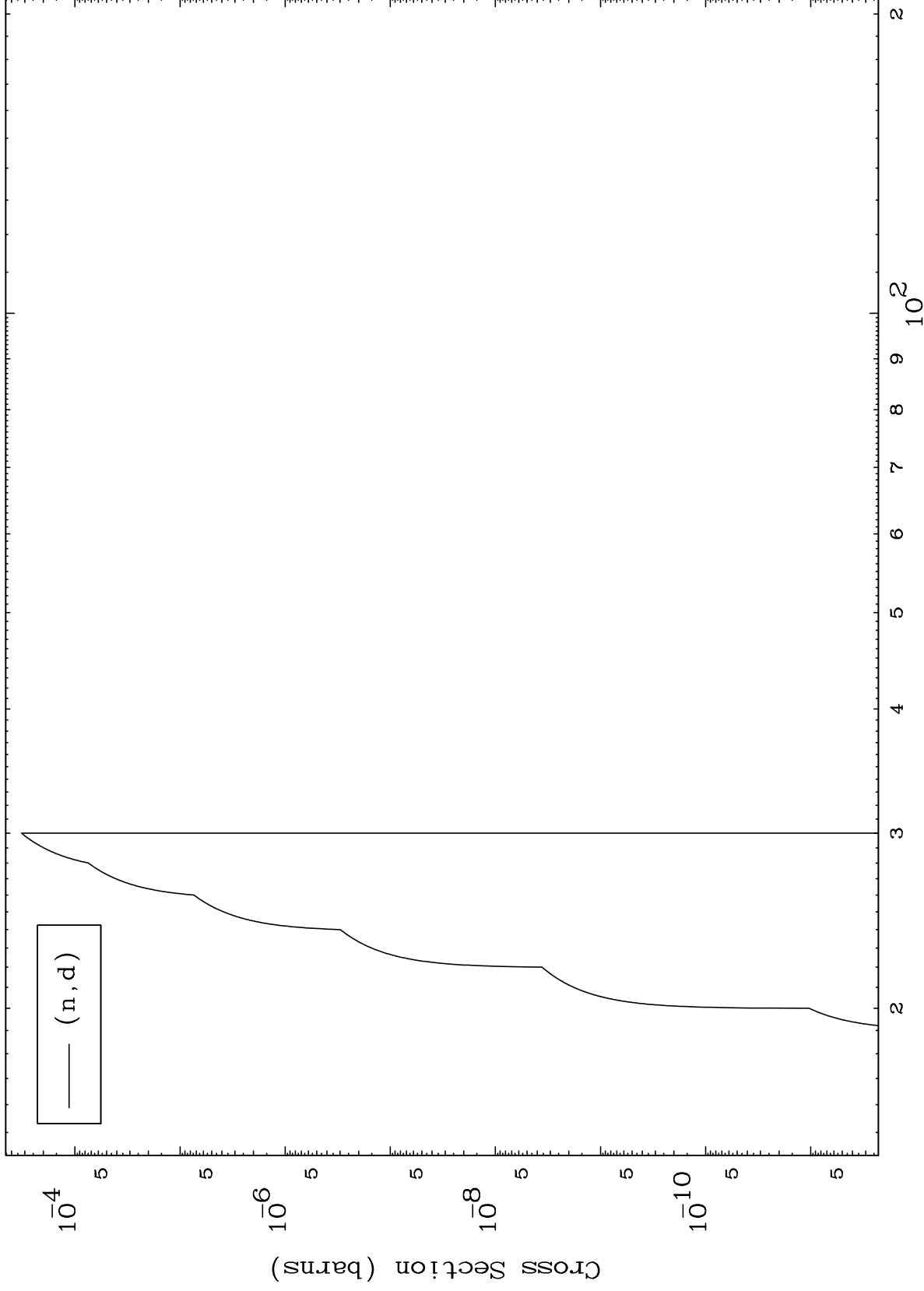
(α, p) Levels
0 Kelvin Cross Sections

80-Hg-185



Incident Energy (MeV)

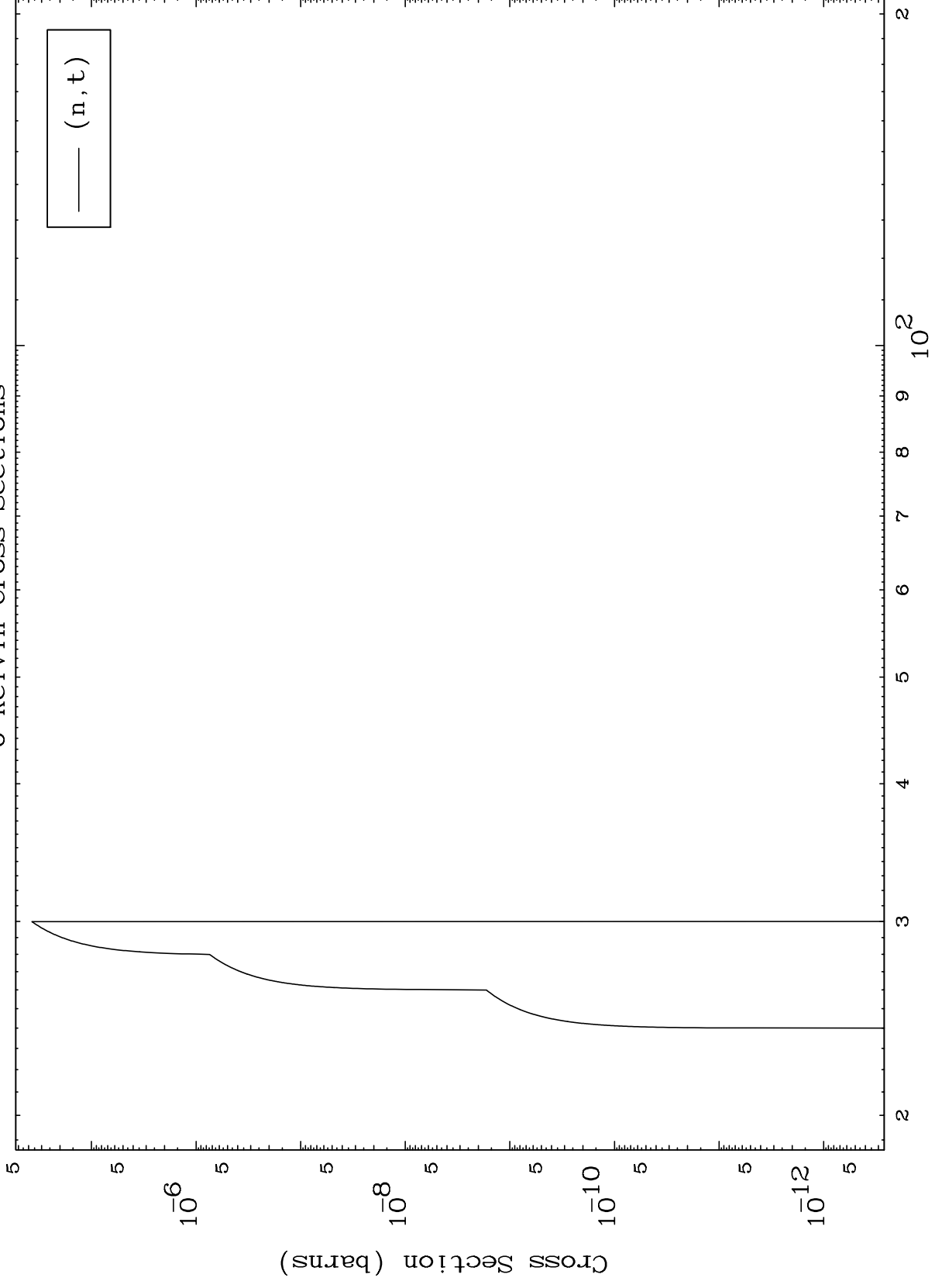
80-Hg-185



MAT 7992

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-185



8

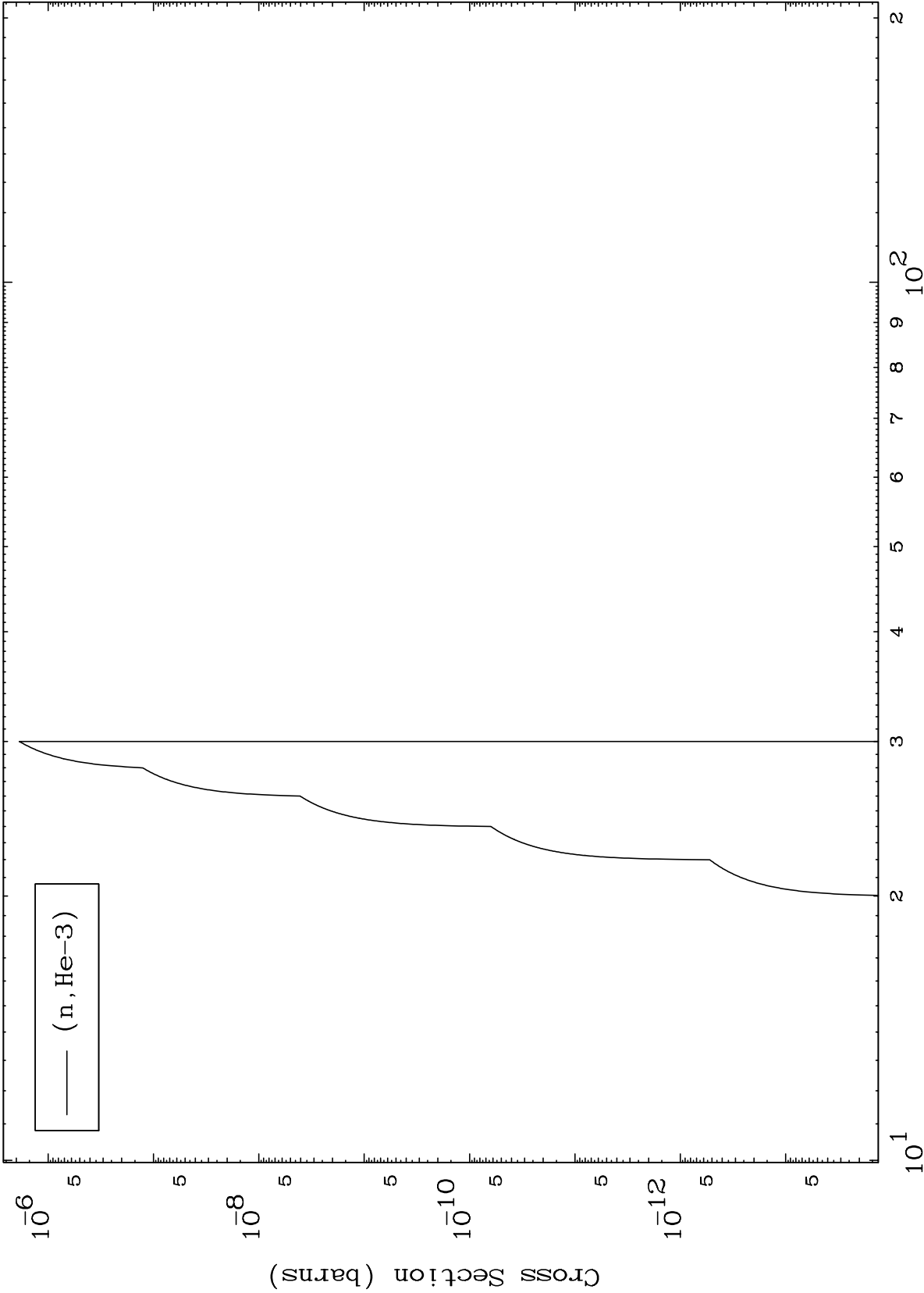
Incident Energy (MeV)

80-Hg-185

MAT 7992

80-Hg-185

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



80-Hg-185

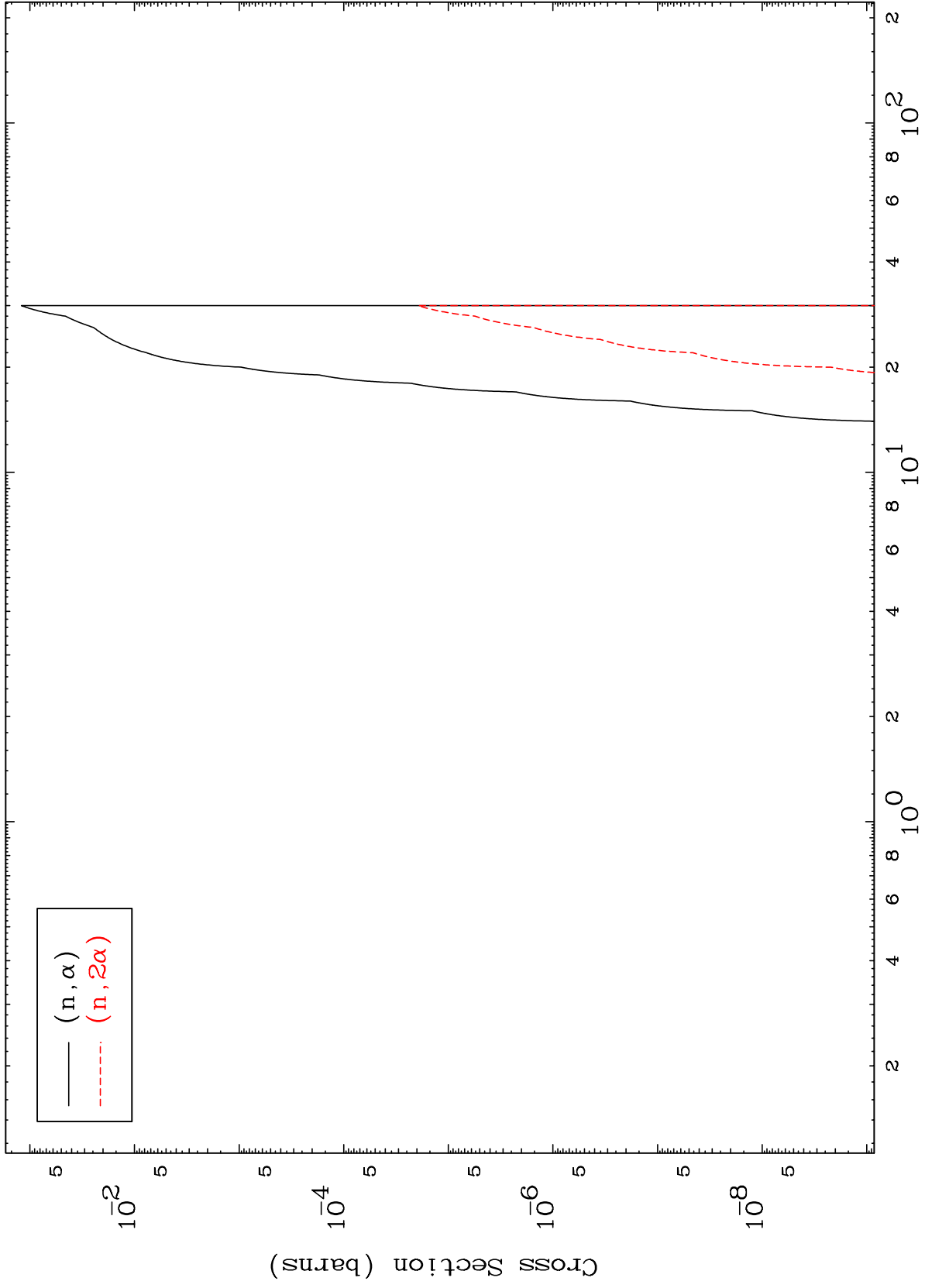
Incident Energy (MeV)

9

MAT 7992

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-185



10

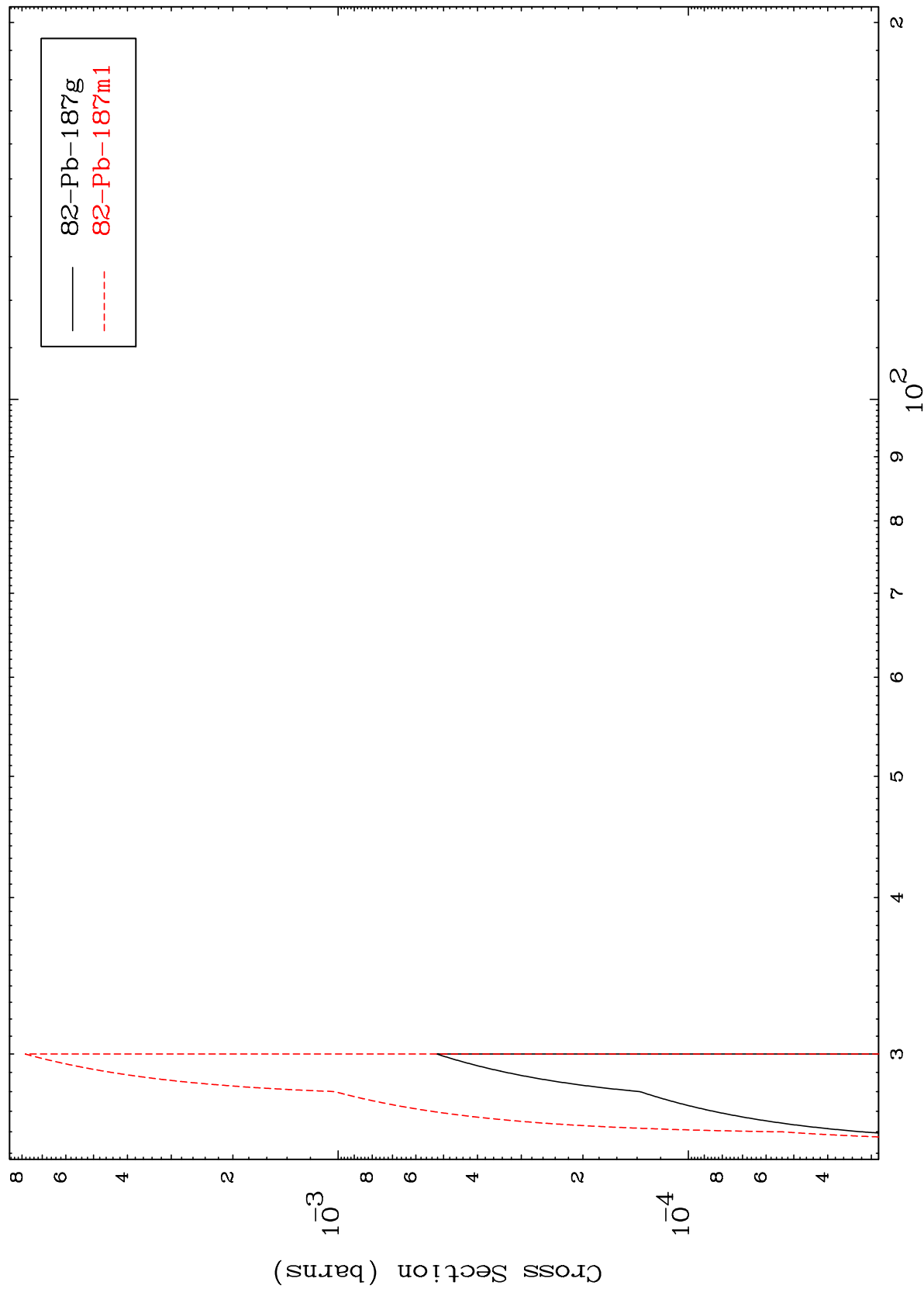
Incident Energy (MeV)

80-Hg-185

MAT 7992

80-Hg-185

(n,2n)
Radionuclide Production Cross Section



80-Hg-185

Incident Energy (MeV)

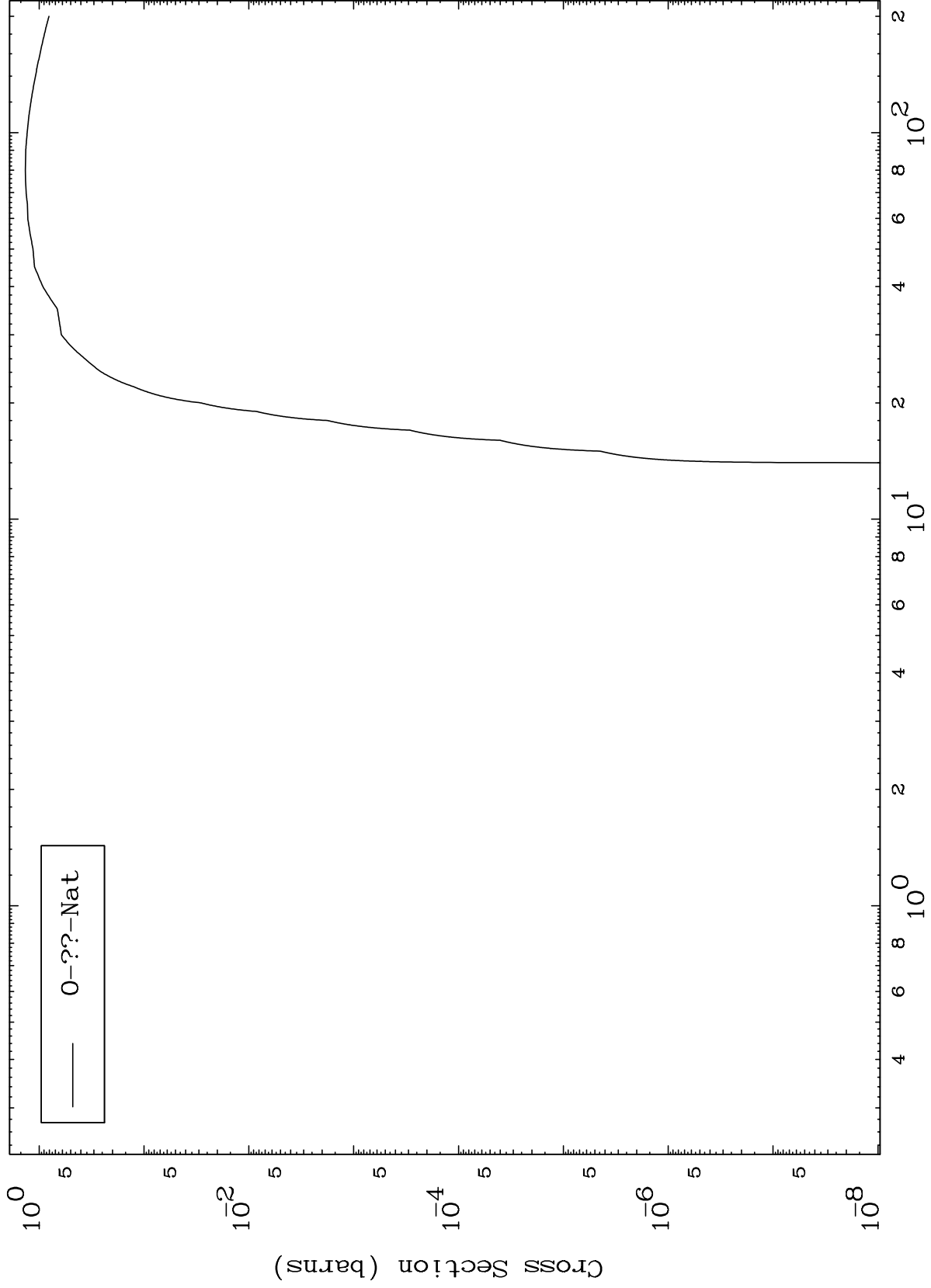
11

MAT 7992

Fission

80-Hg-185

Radionuclide Production Cross Section

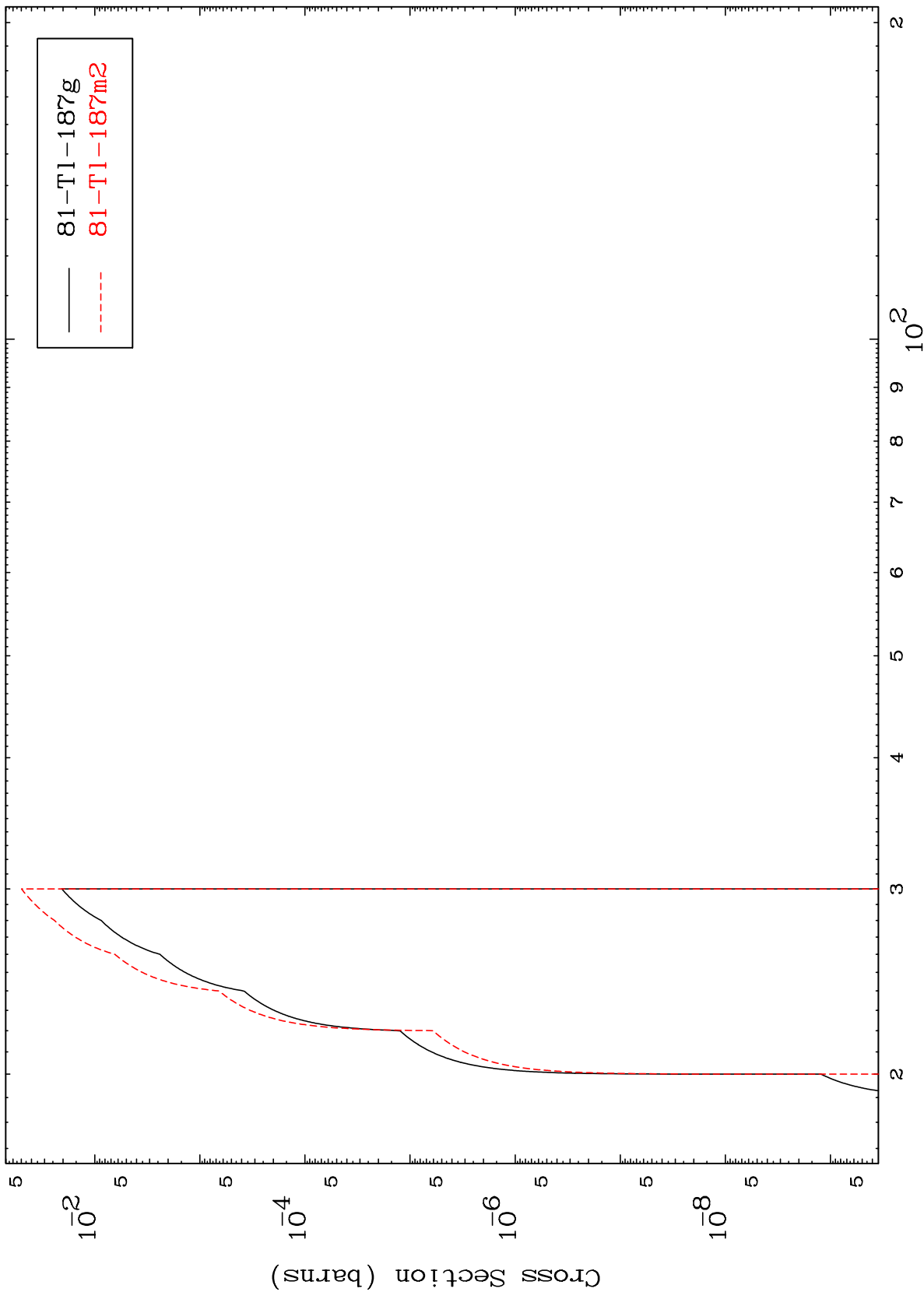


MAT 7992

(n,n') p

80-Hg-185

Radionuclide Production Cross Section



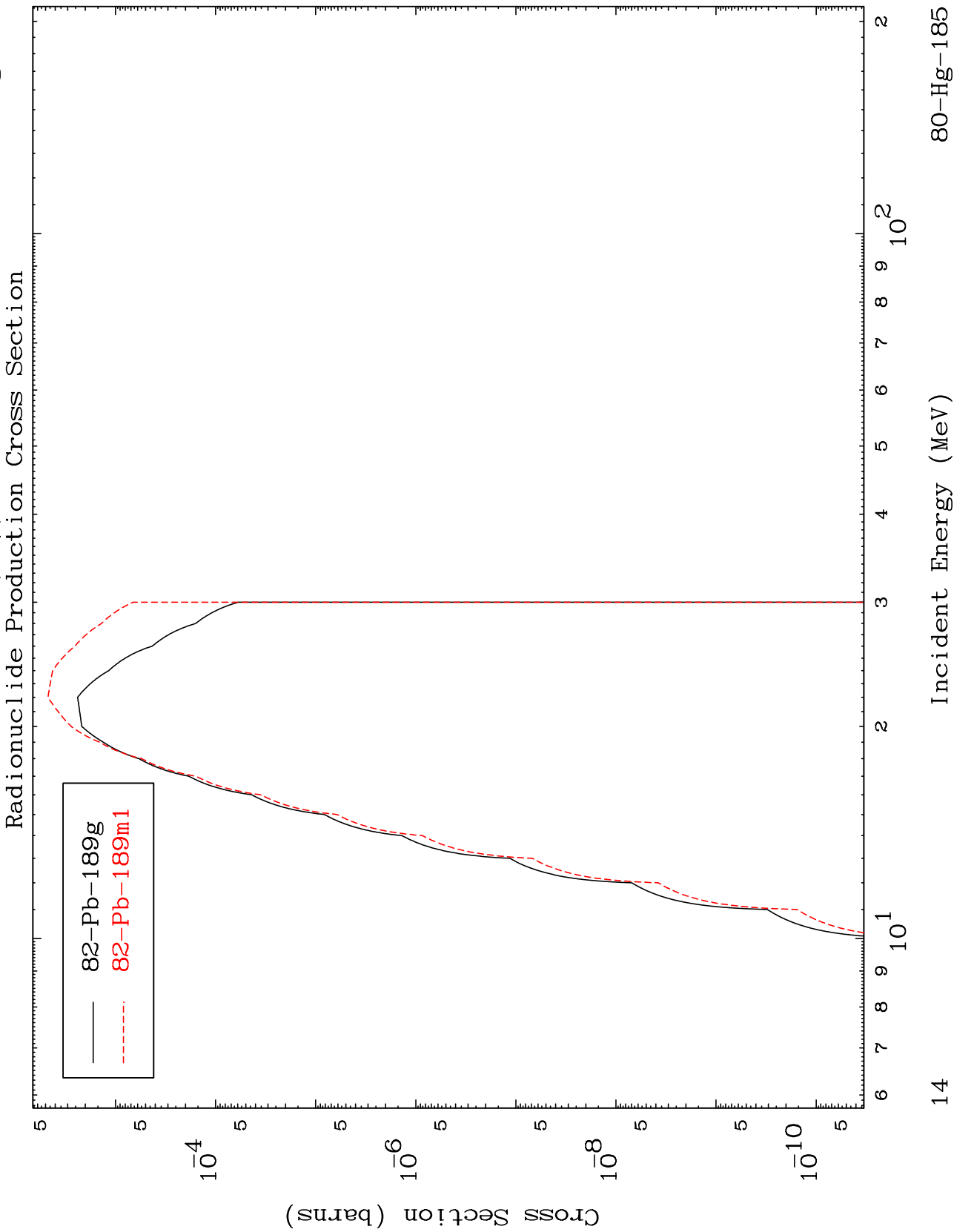
13

Incident Energy (MeV)

80-Hg-185

MAT 7992

80-Hg-185



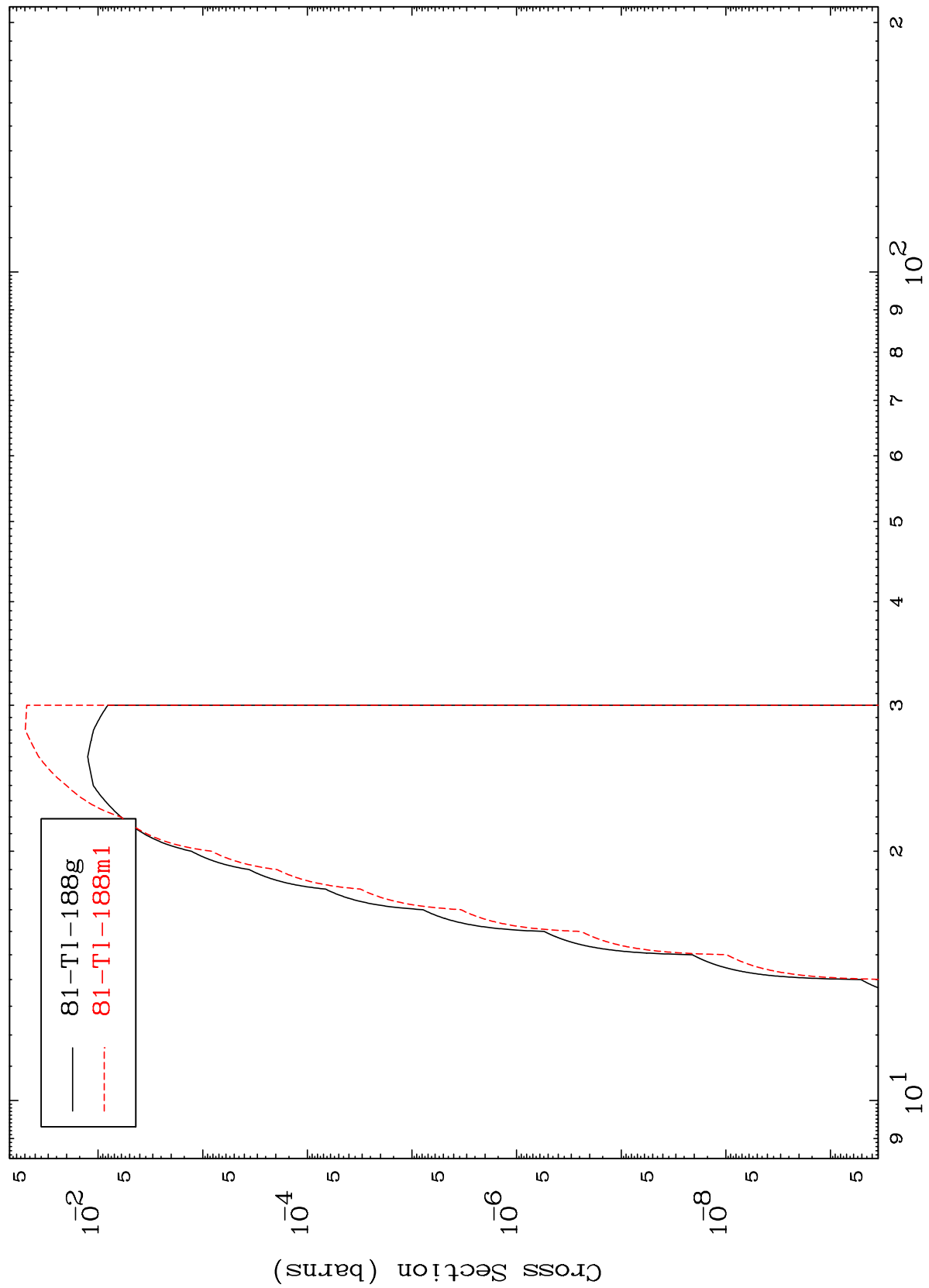
— 82-Pb-189g
- - - 82-Pb-189m1

14

MAT 7992

80-Hg-185

(n,p)
Radionuclide Production Cross Section



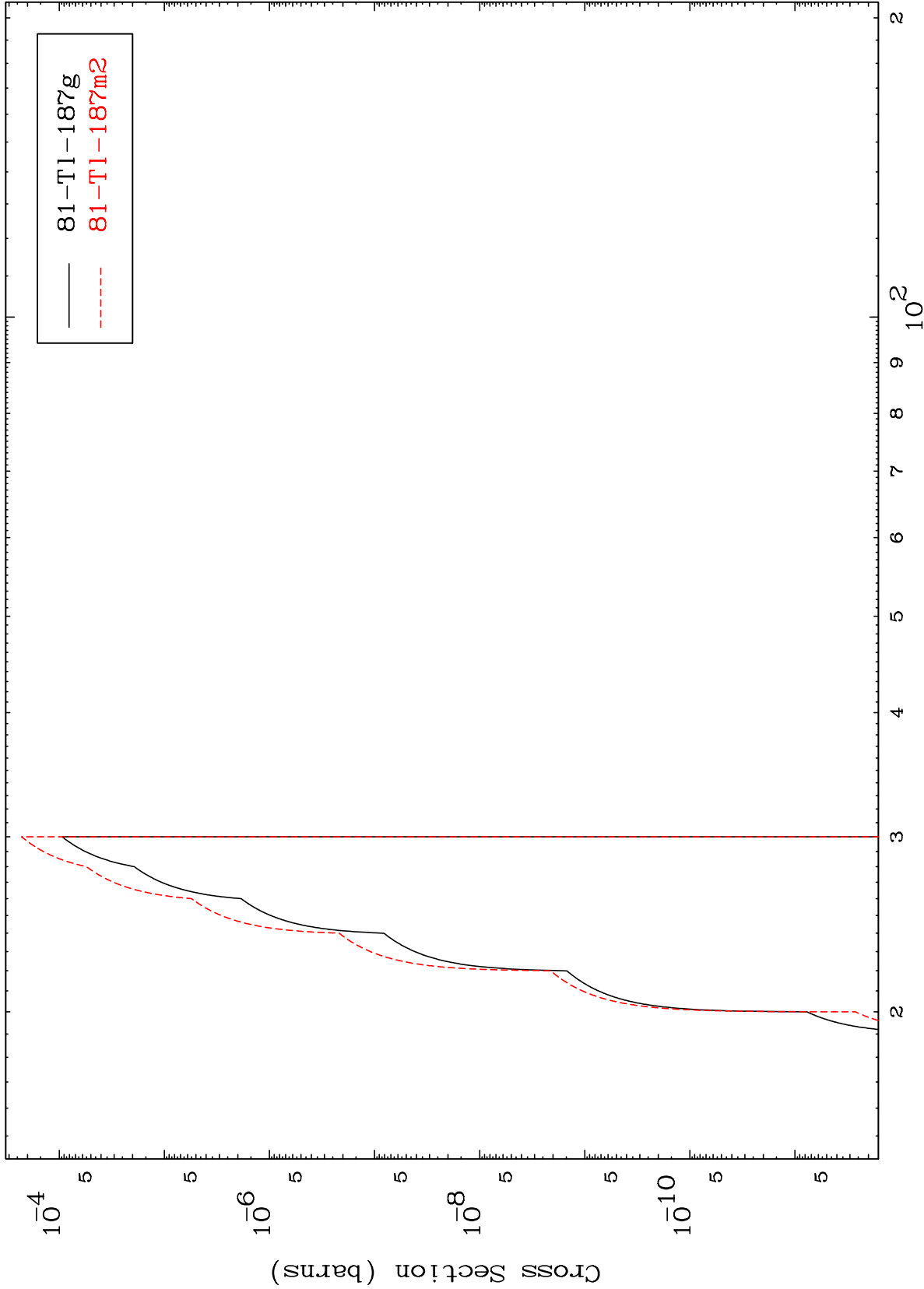
81-Tl-188g
81-Tl-188m1

80-Hg-185

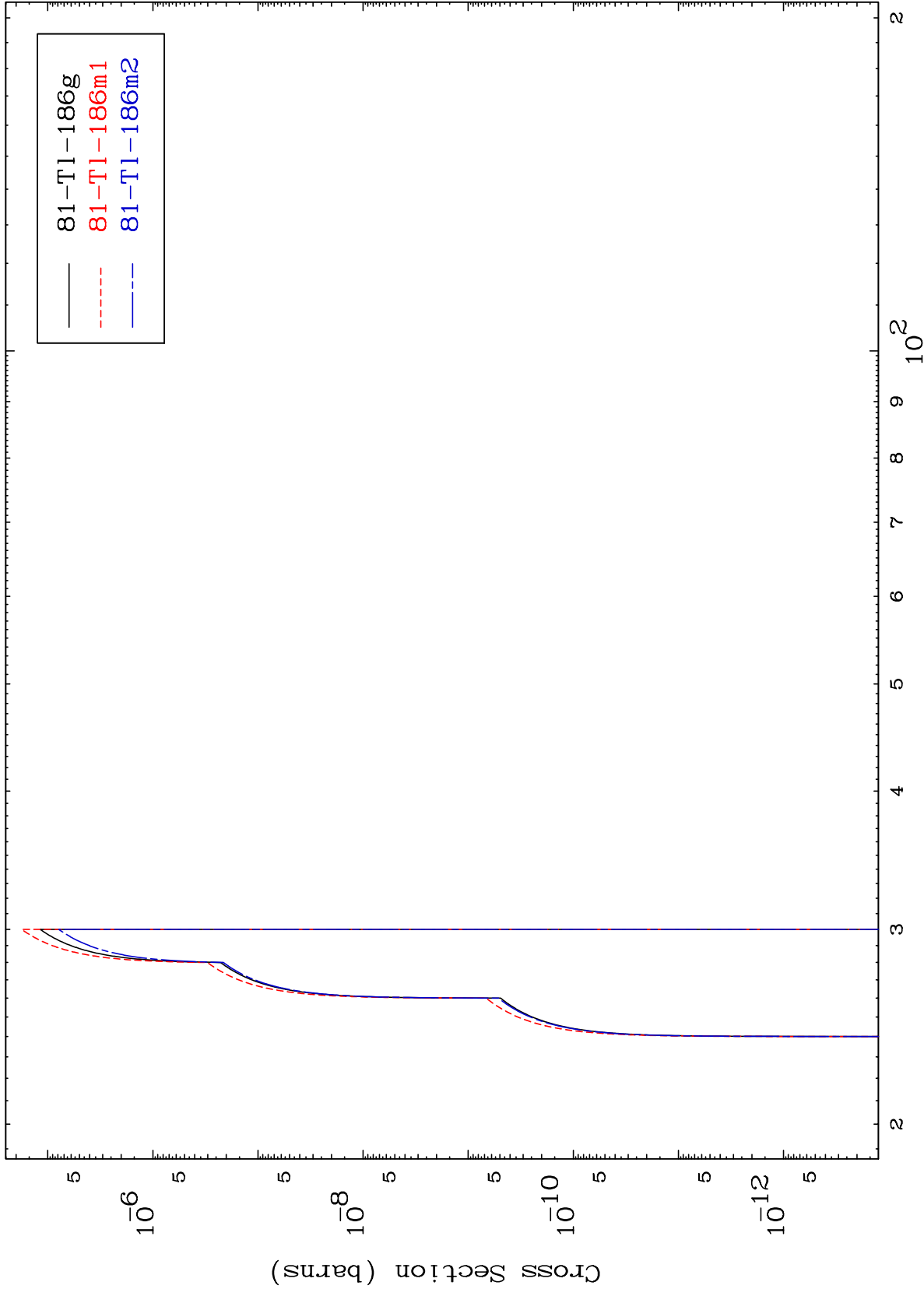
Incident Energy (MeV)

15

(n,d)
Radionuclide Production Cross Section

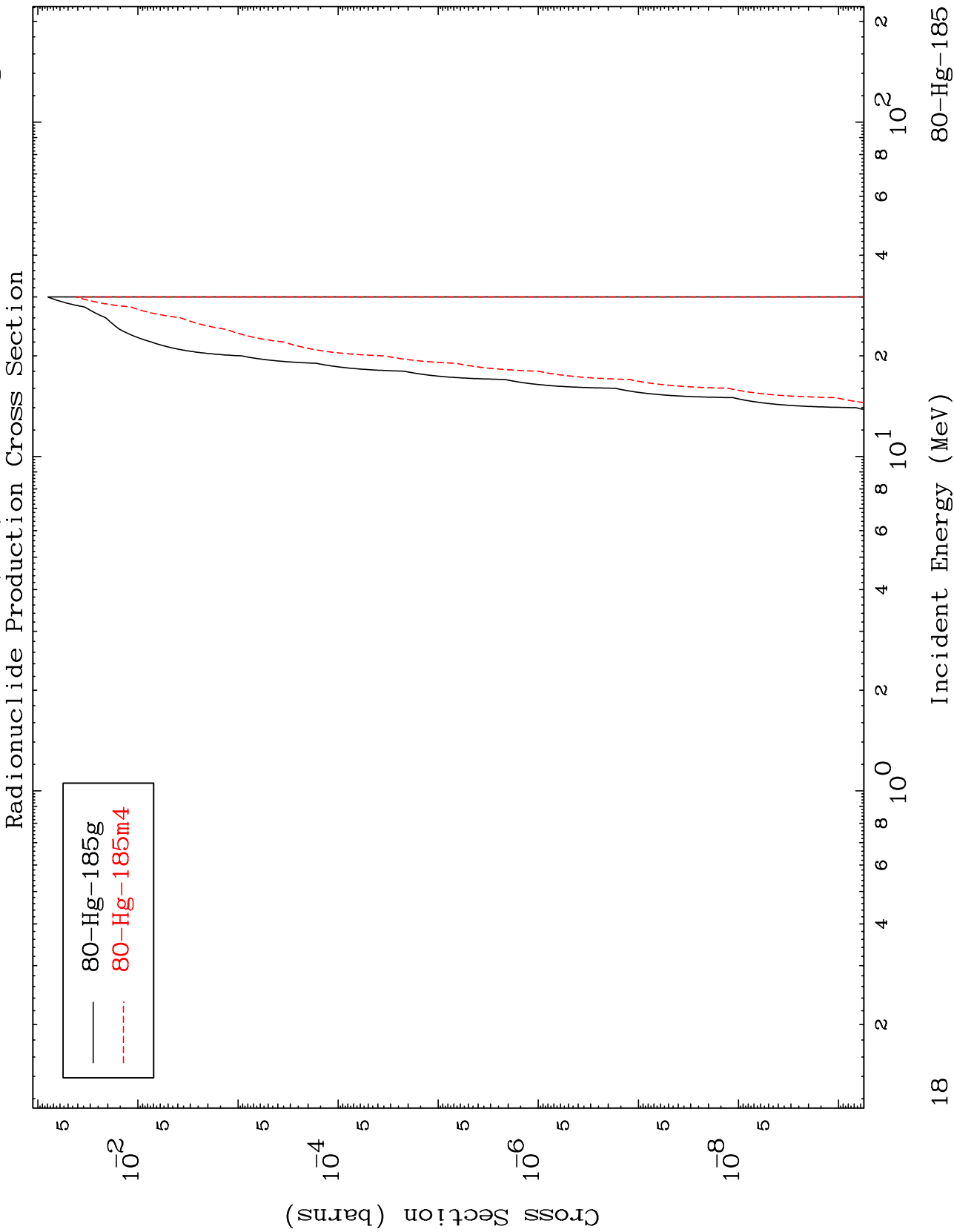


(n,t)
Radionuclide Production Cross Section



MAT 7992

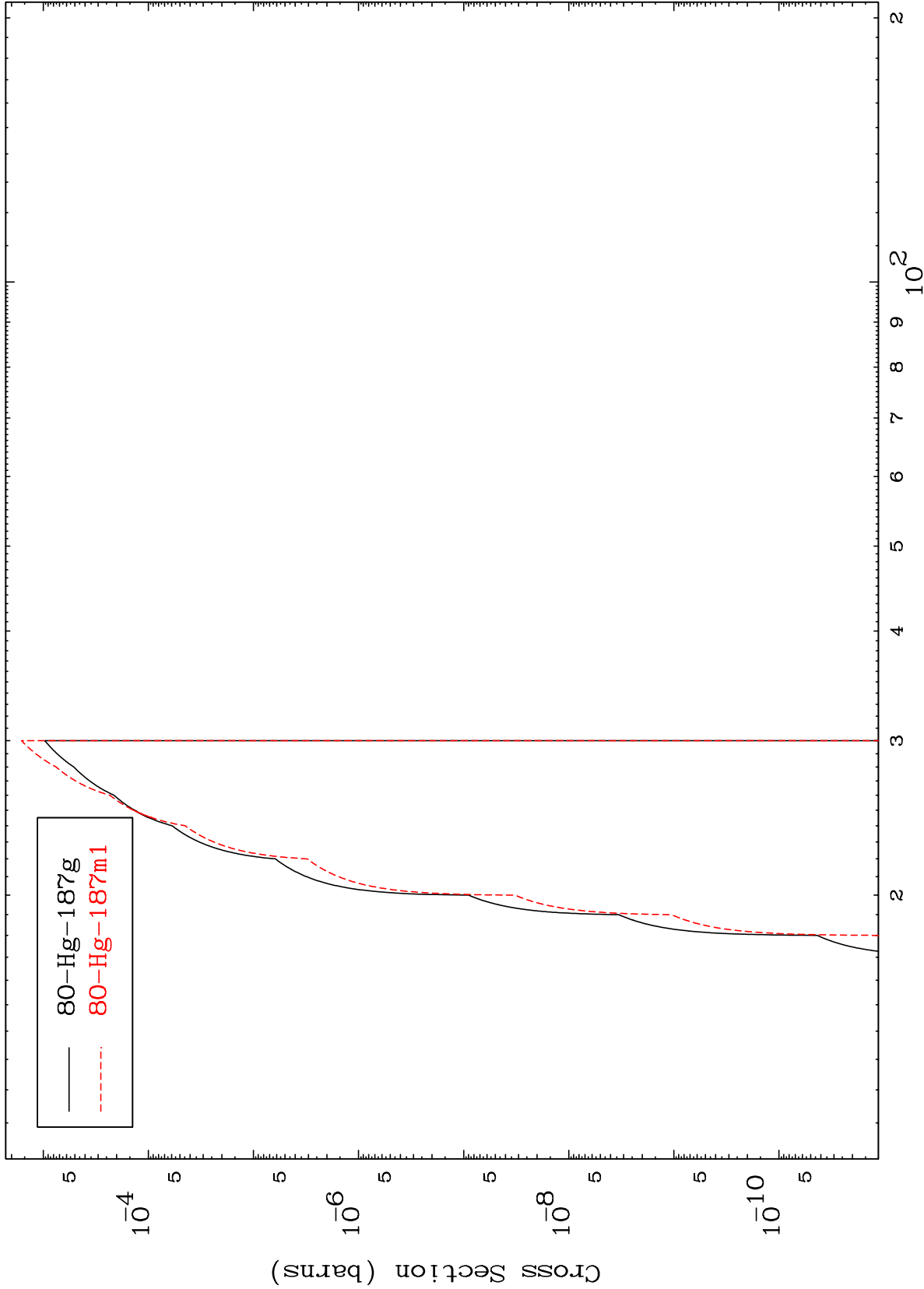
80-Hg-185



MAT 7992

80-Hg-185

(n,2p)
Radionuclide Production Cross Section



19

80-Hg-185

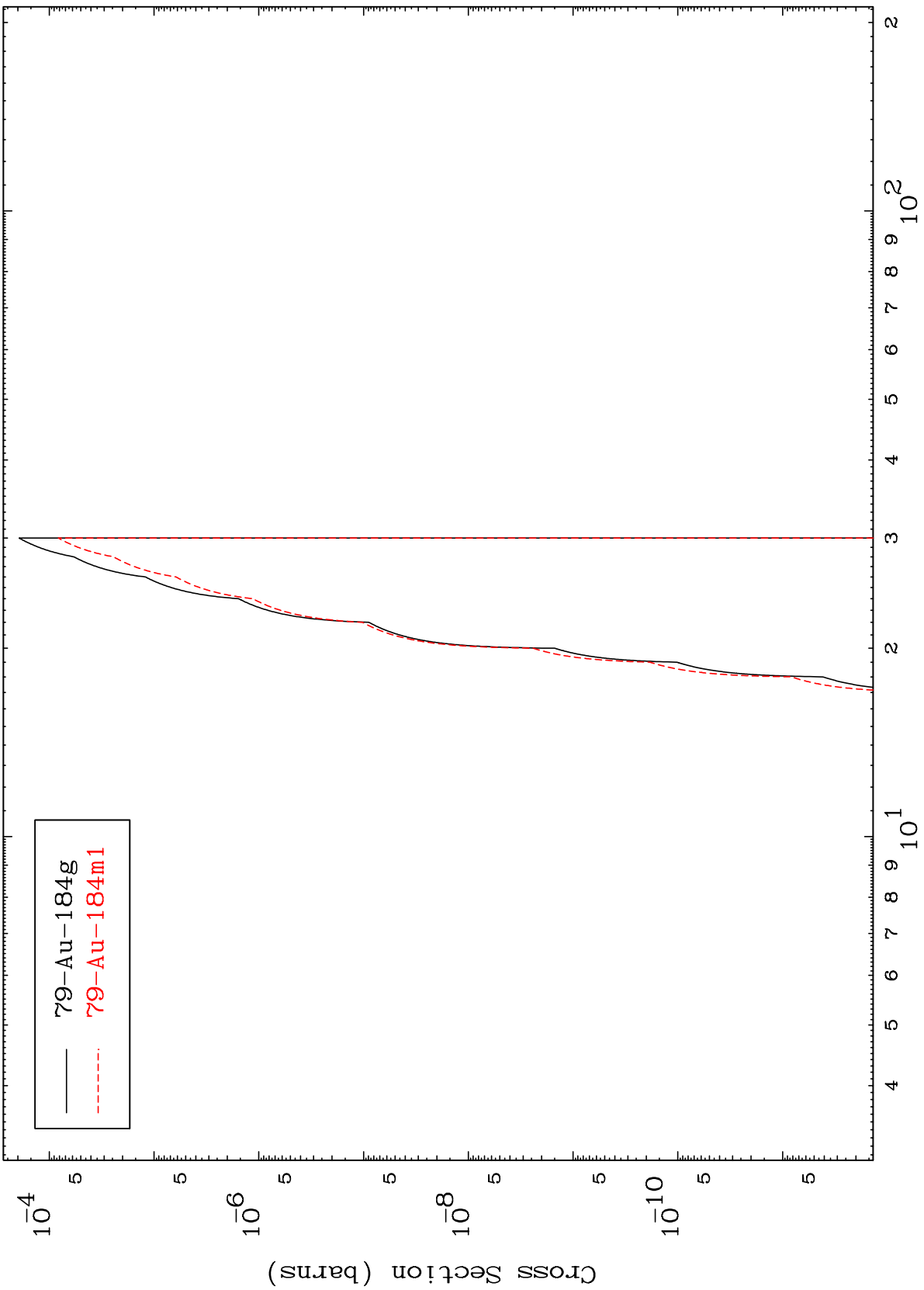
Incident Energy (MeV)

MAT 7992

(n,p) α

80-Hg-185

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

20

Incident Energy (MeV)

80-Hg-185