

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

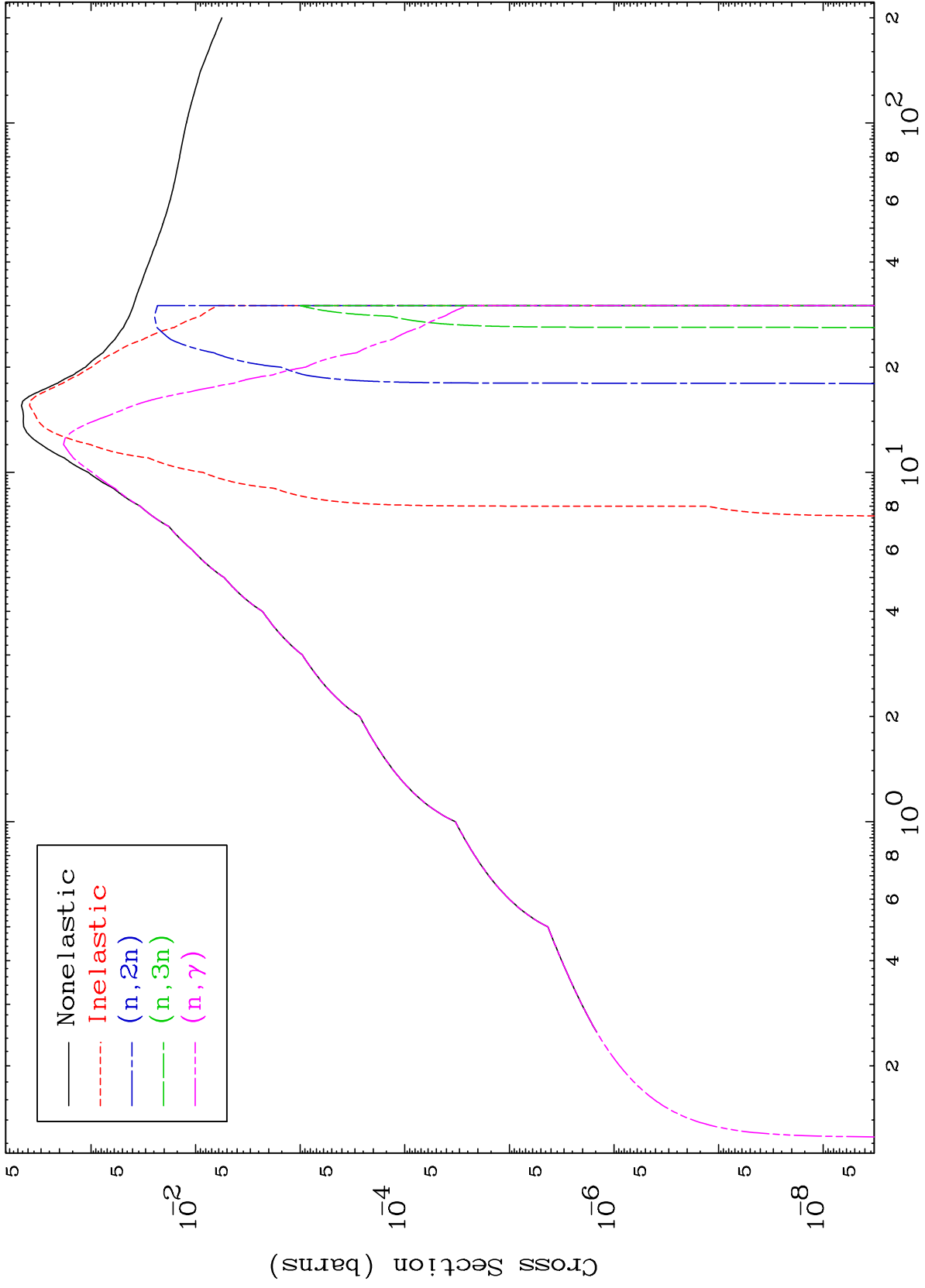
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7999

0 Kelvin Major

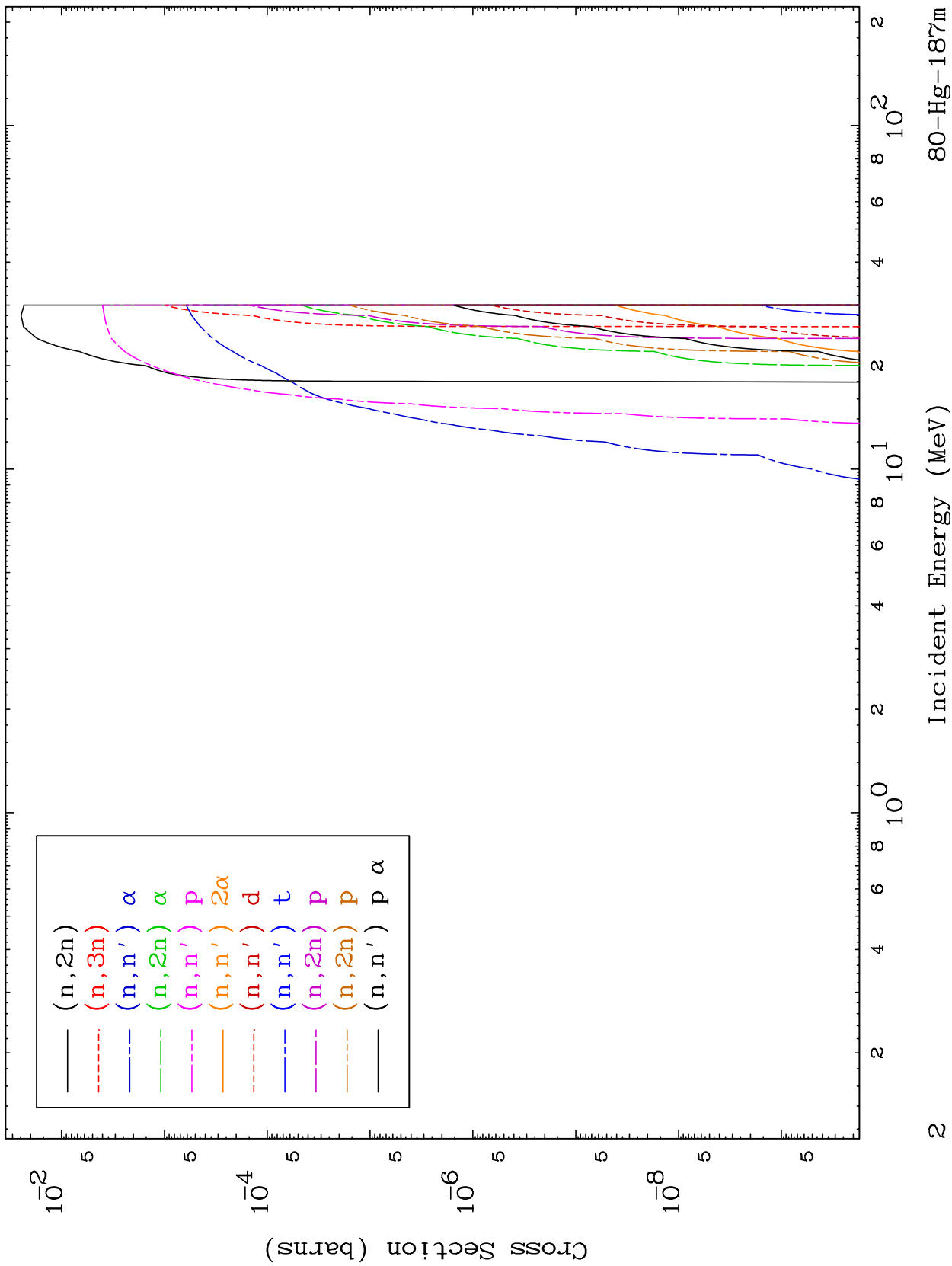
80-Hg-187m

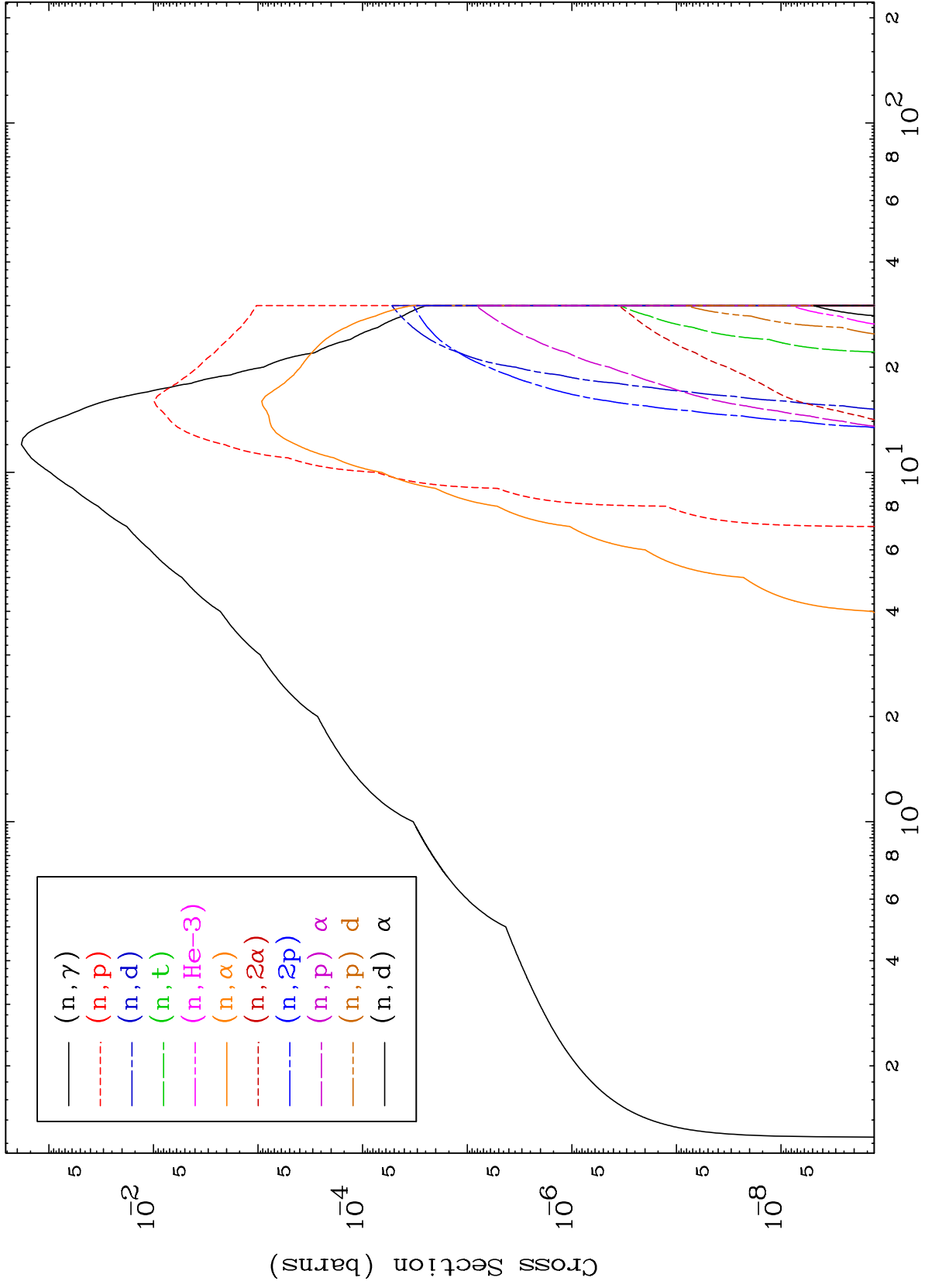


MAT 7999

Photon Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-187m

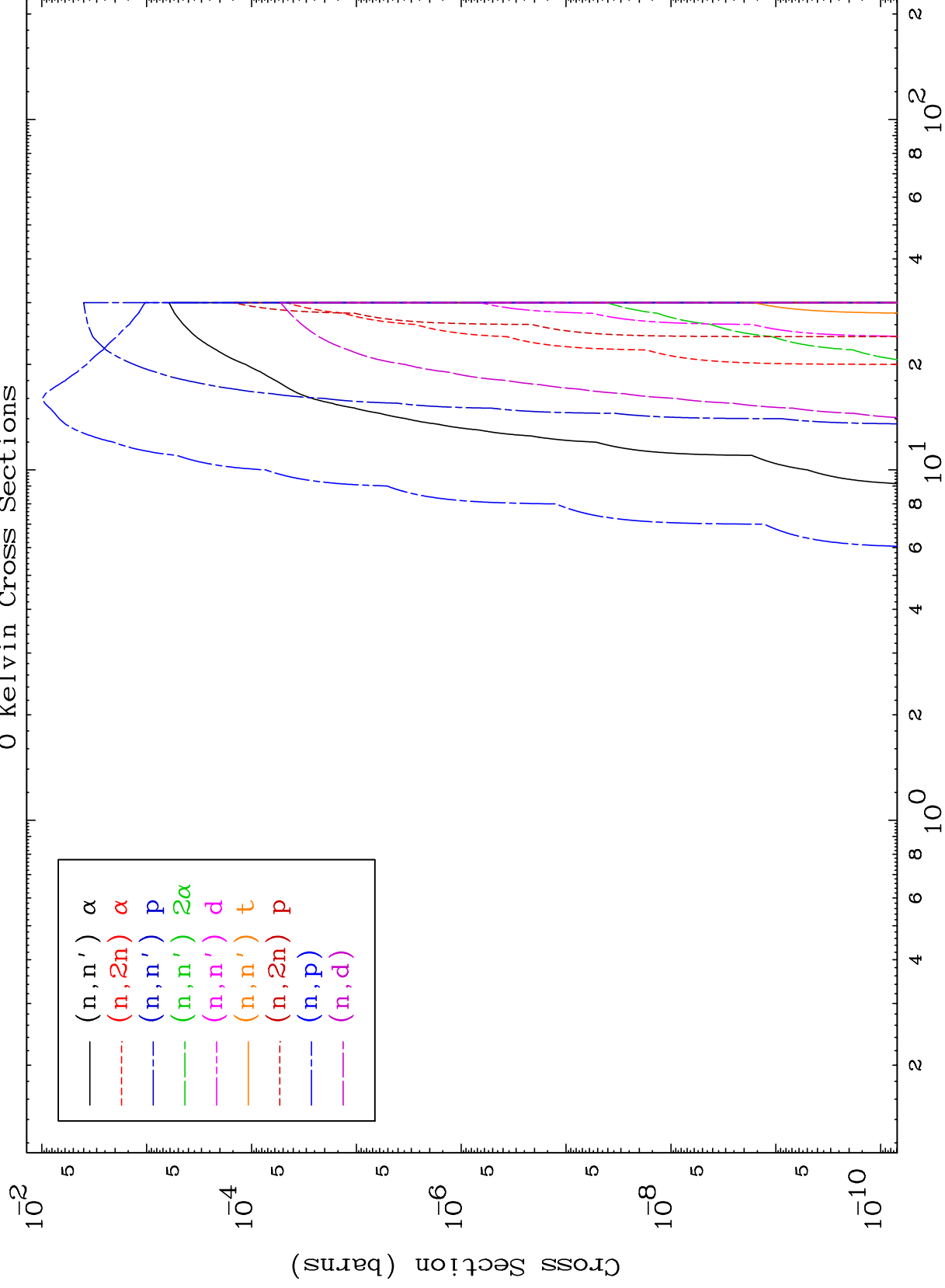


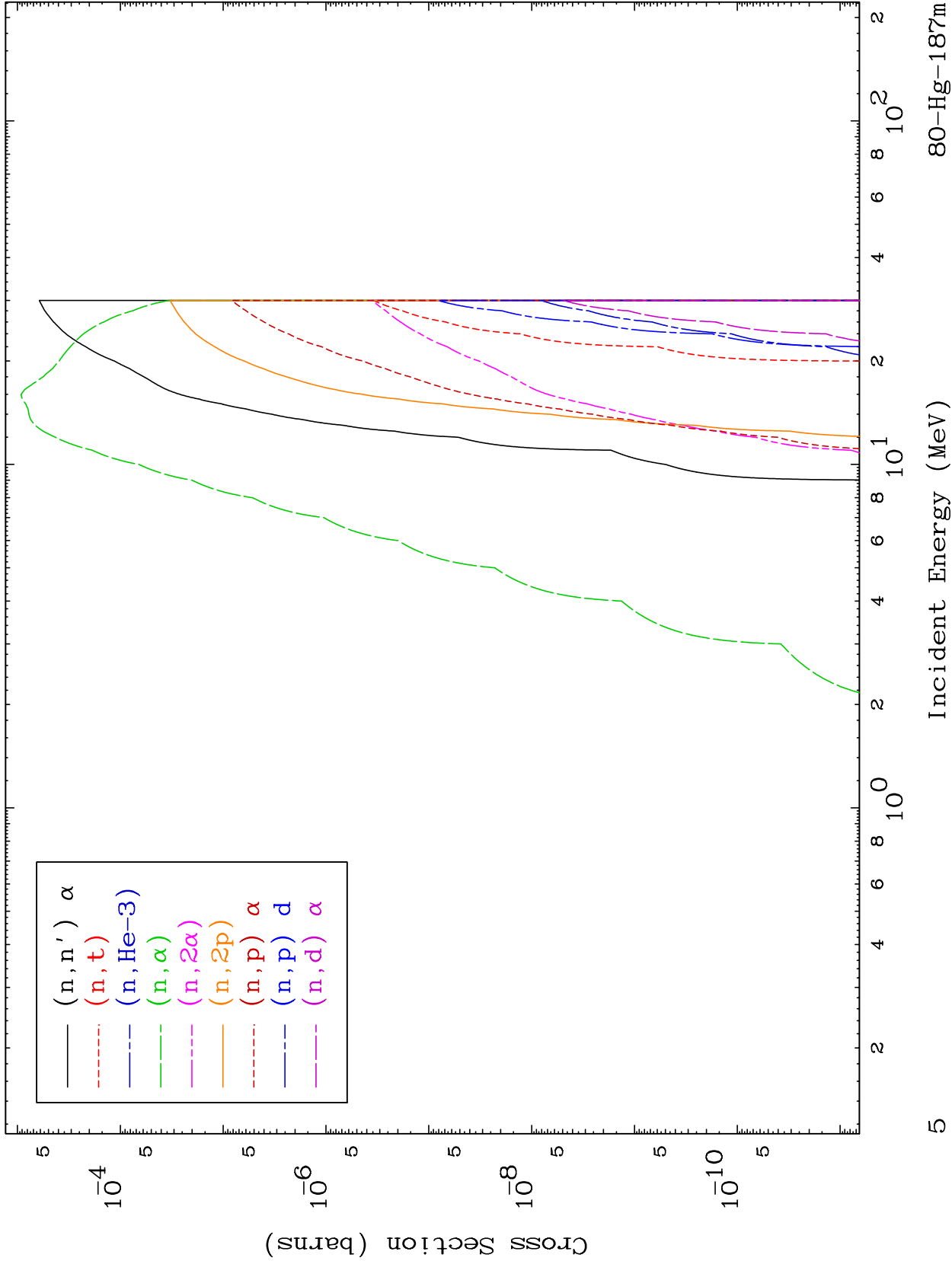


MAT 7999

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-187m

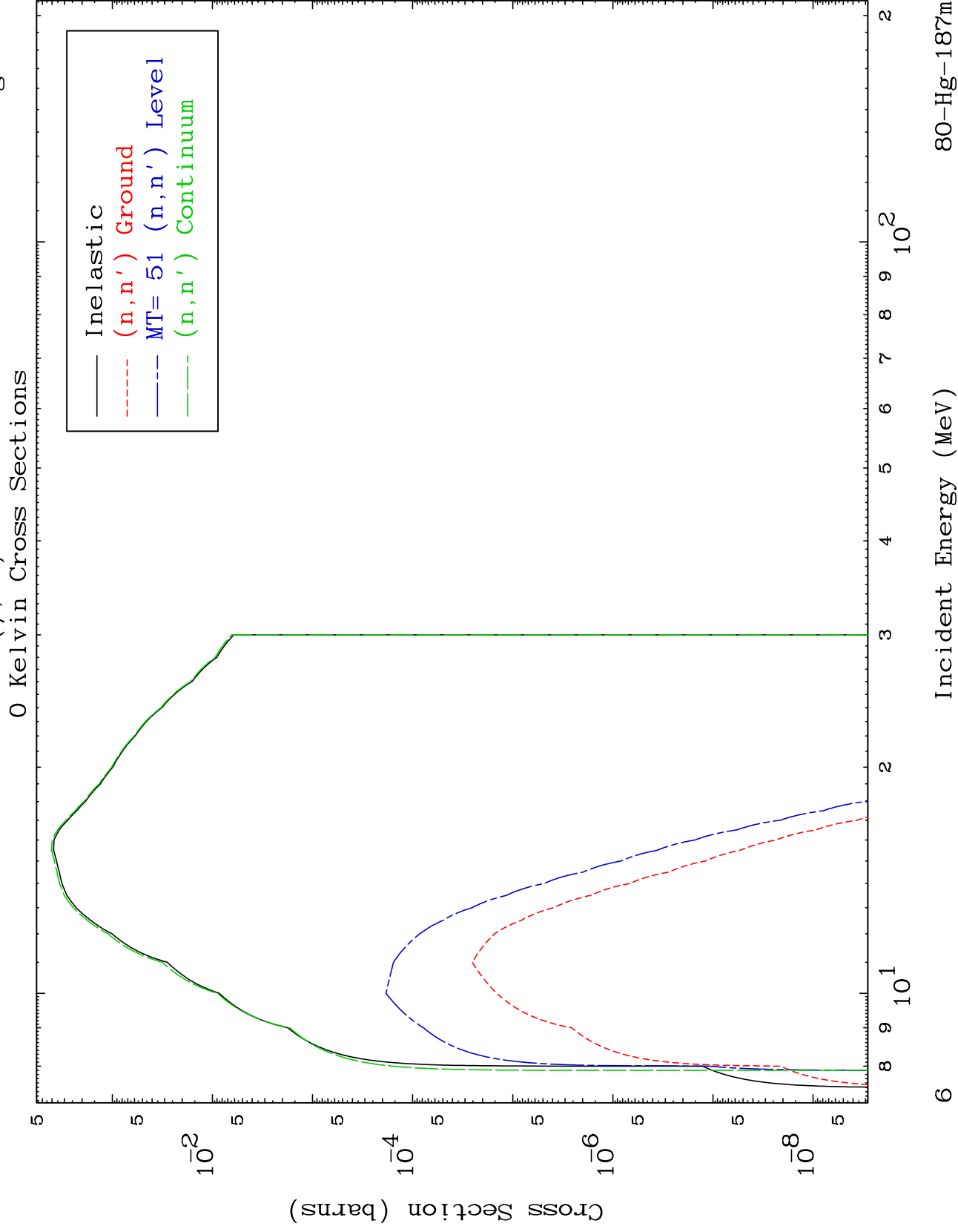




MAT 7999

( $\gamma, n'$ ) Levels

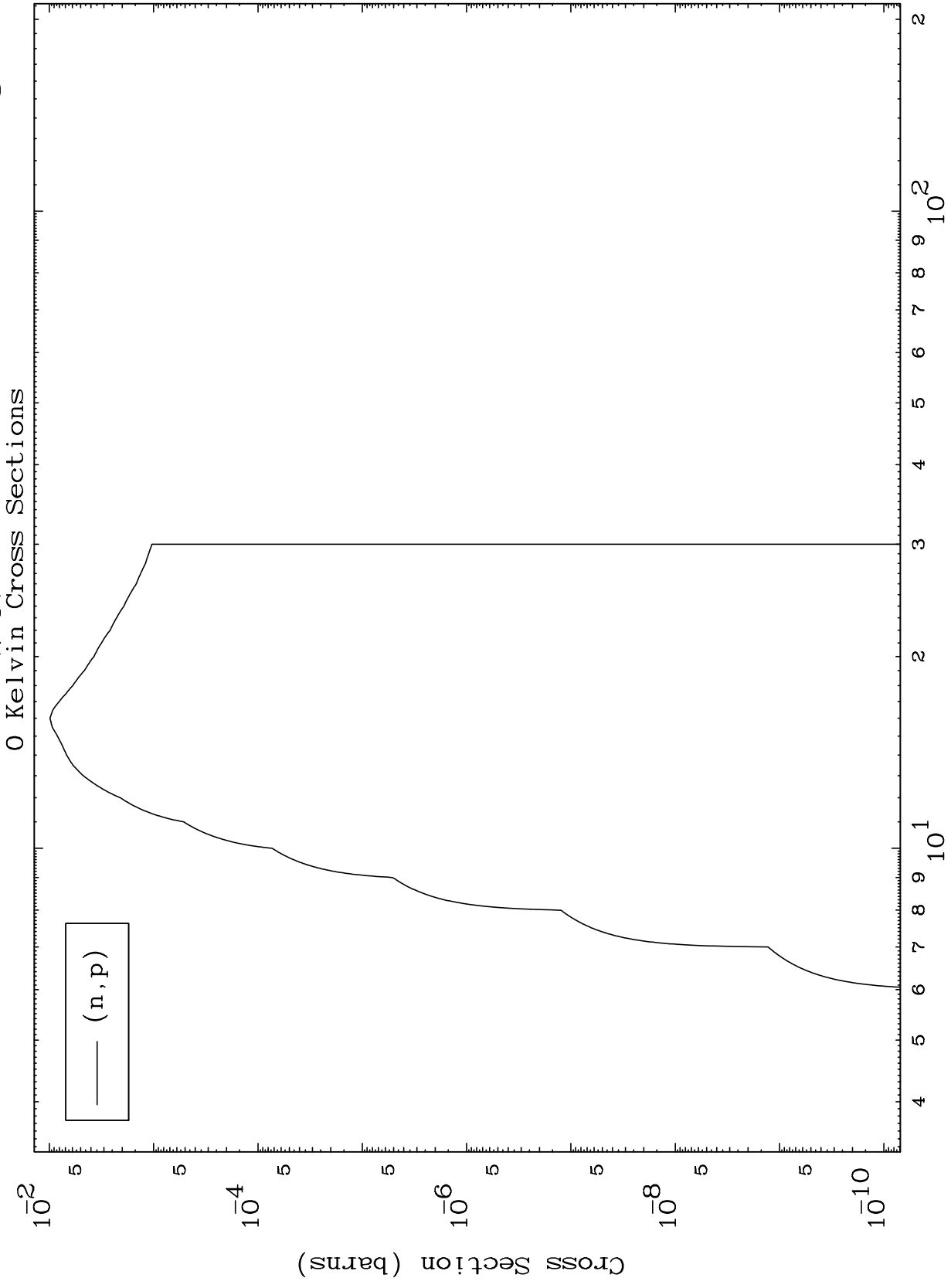
80-Hg-187m



MAT 7999

( $\gamma, p$ ) Levels

80-Hg-187m



7

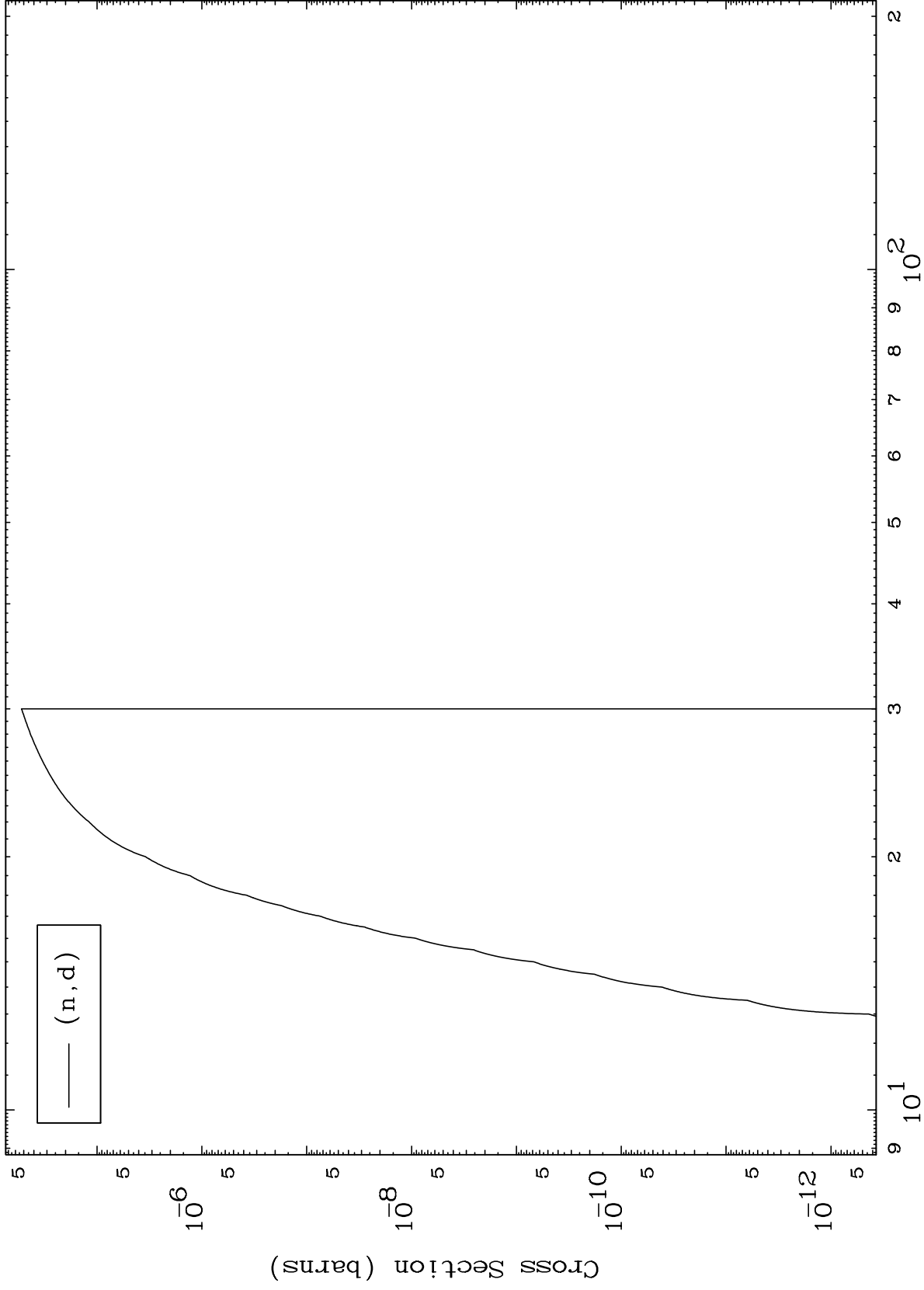
Incident Energy (MeV)

80-Hg-187m

MAT 7999

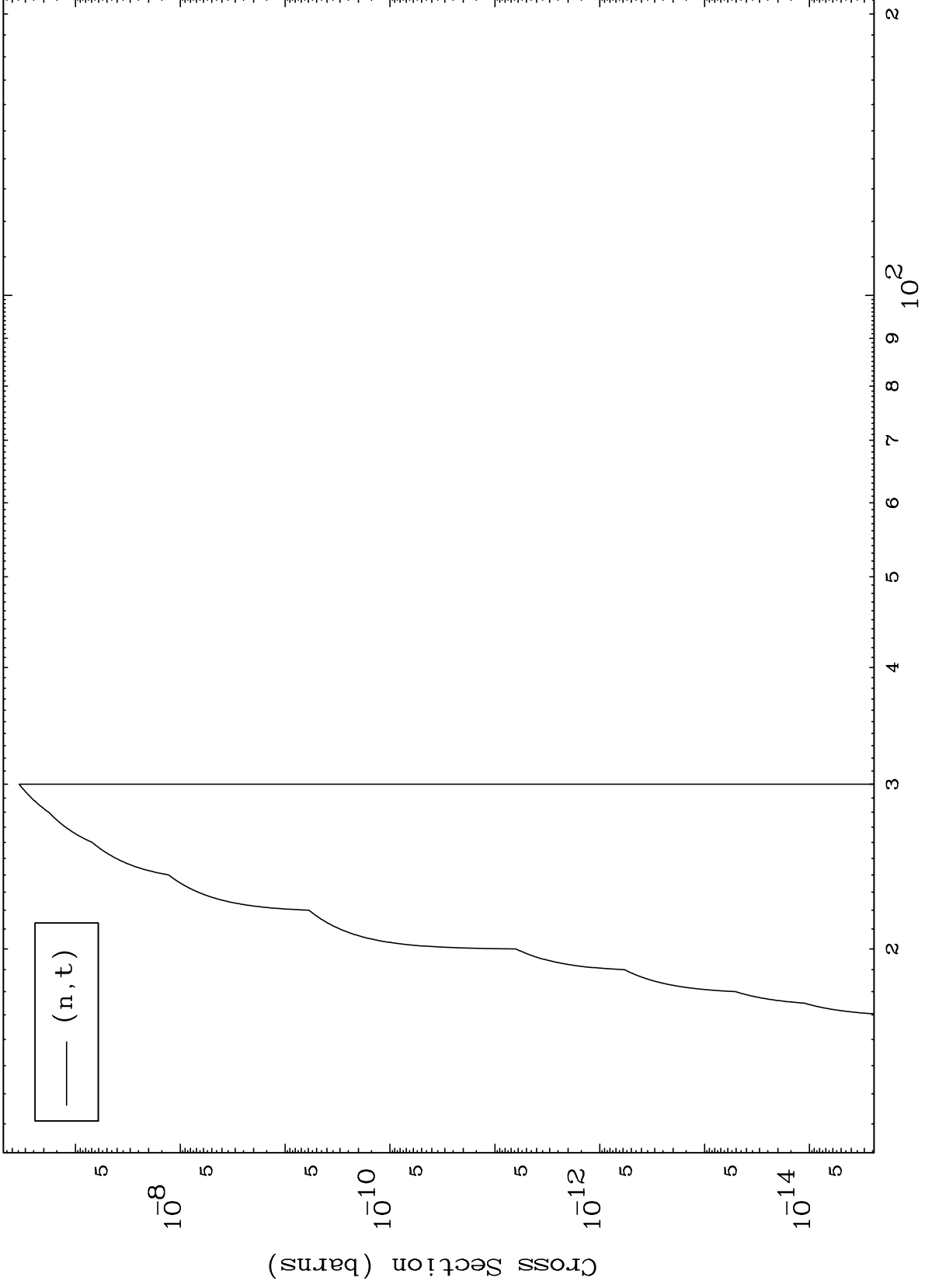
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

80-Hg-187m



Incident Energy (MeV)

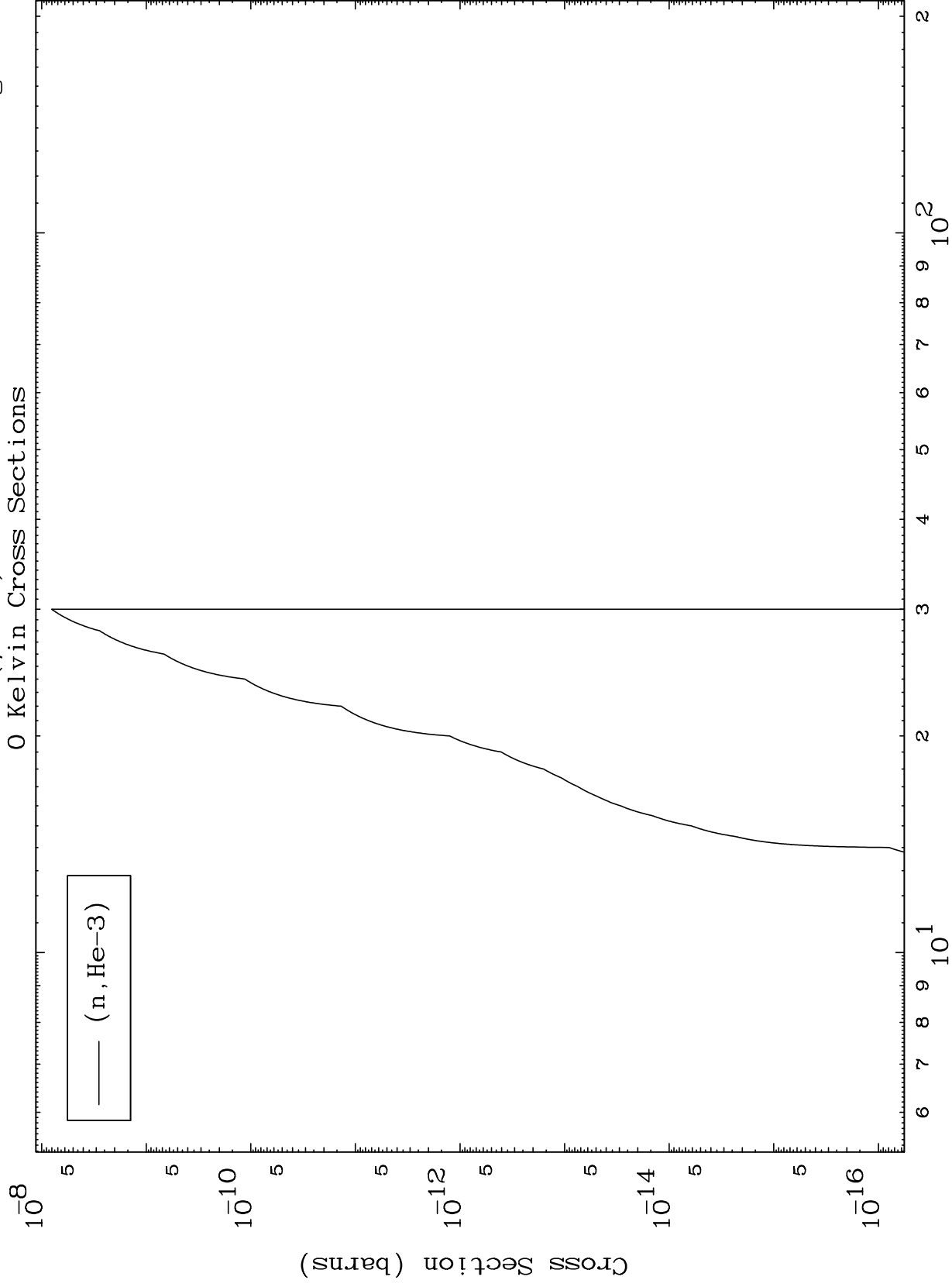
80-Hg-187m



MAT 7999

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

80-Hg-187m



10

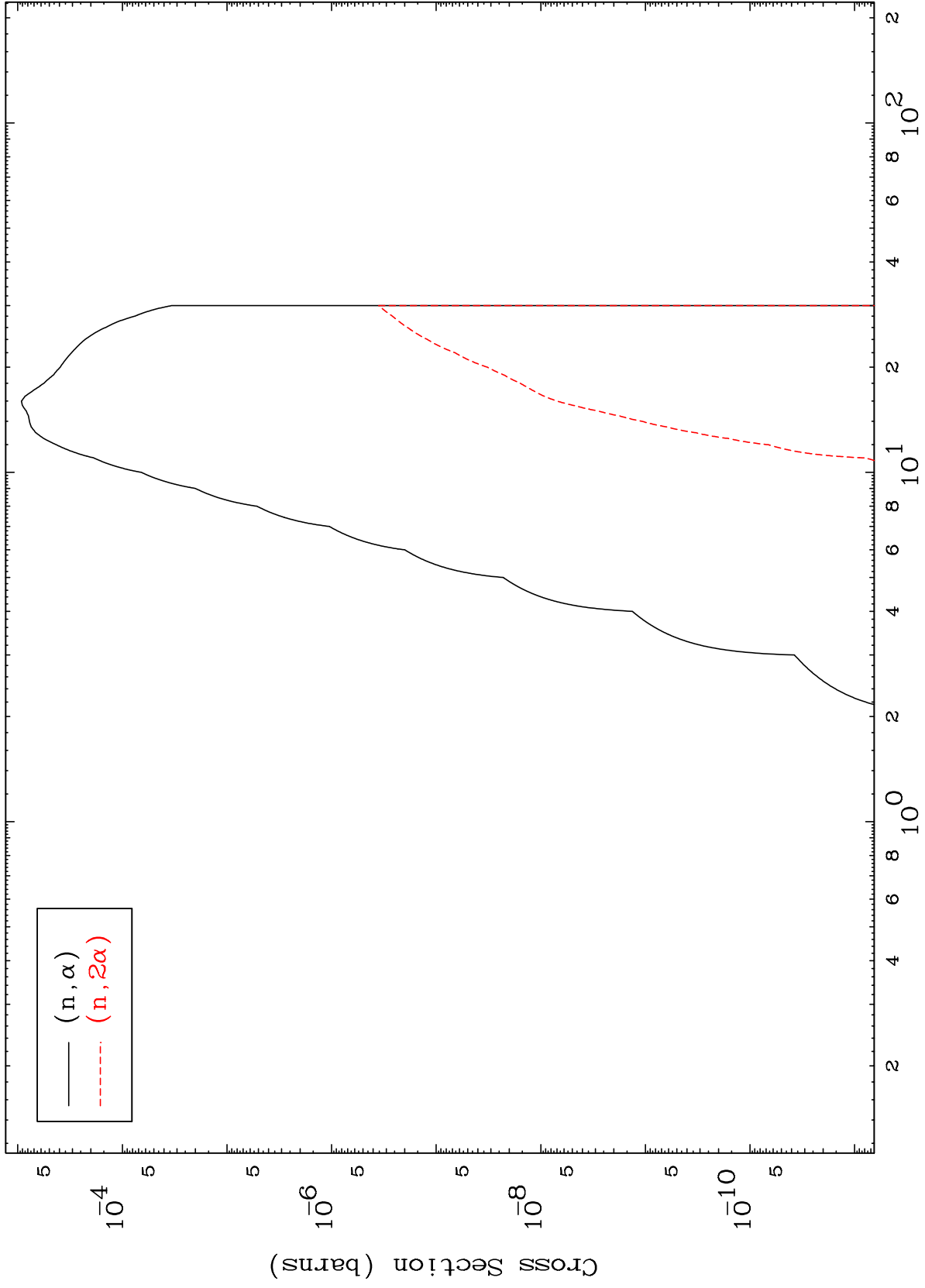
Incident Energy (MeV)

80-Hg-187m

MAT 7999

0 Kelvin Cross Sections

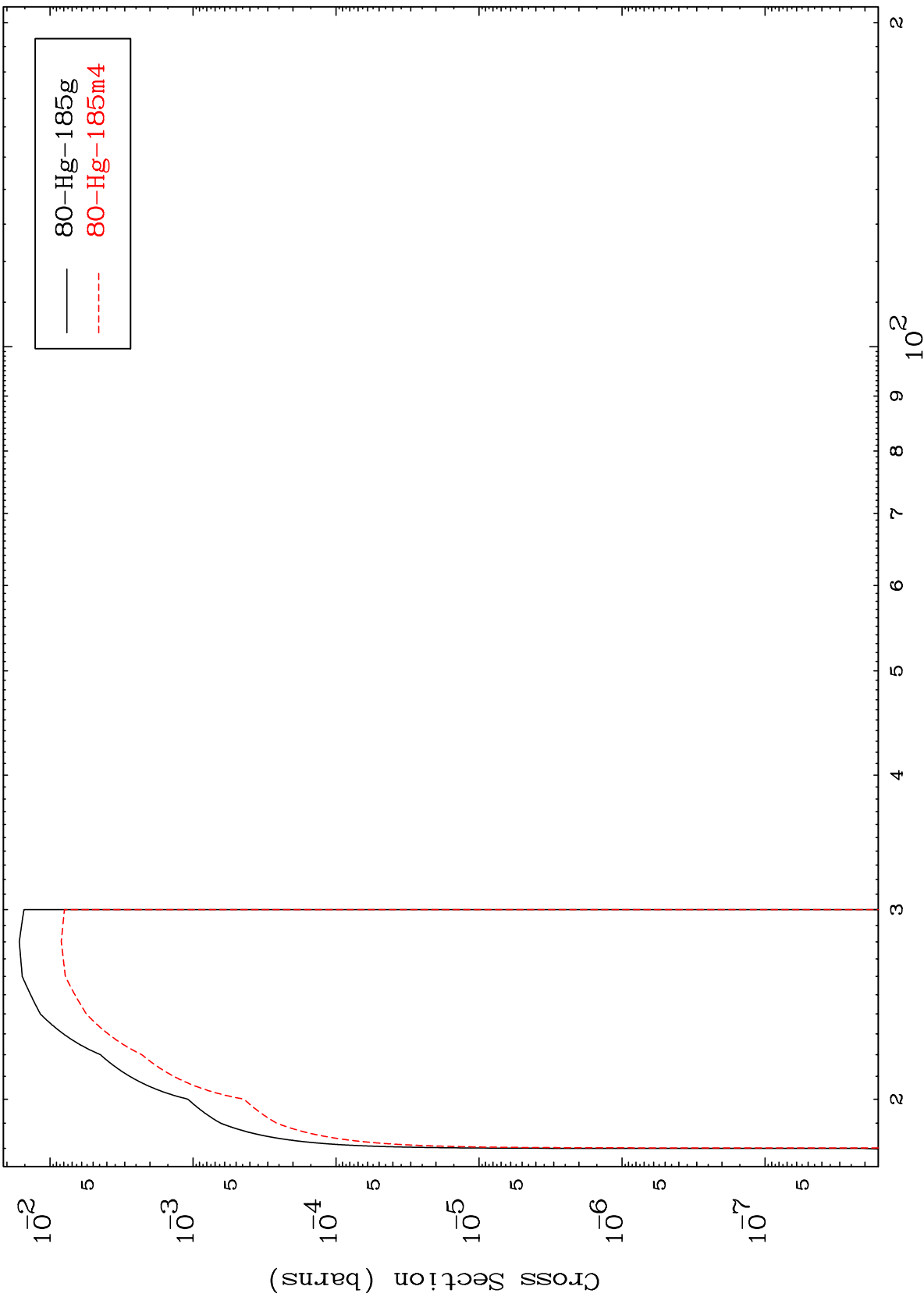
80-Hg-187m



MAT 7999

80-Hg-187m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

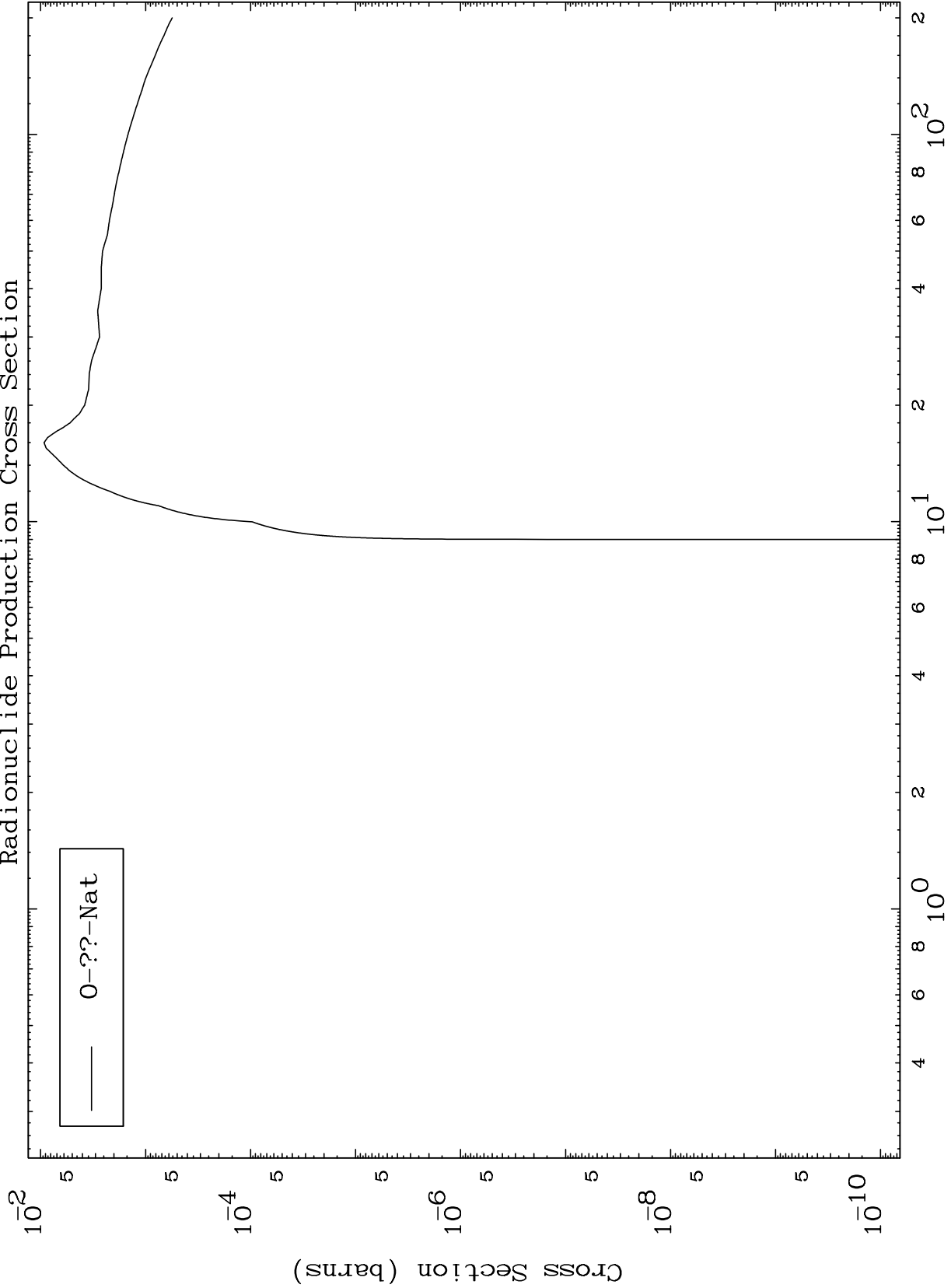
80-Hg-187m

MAT 7999

Fission

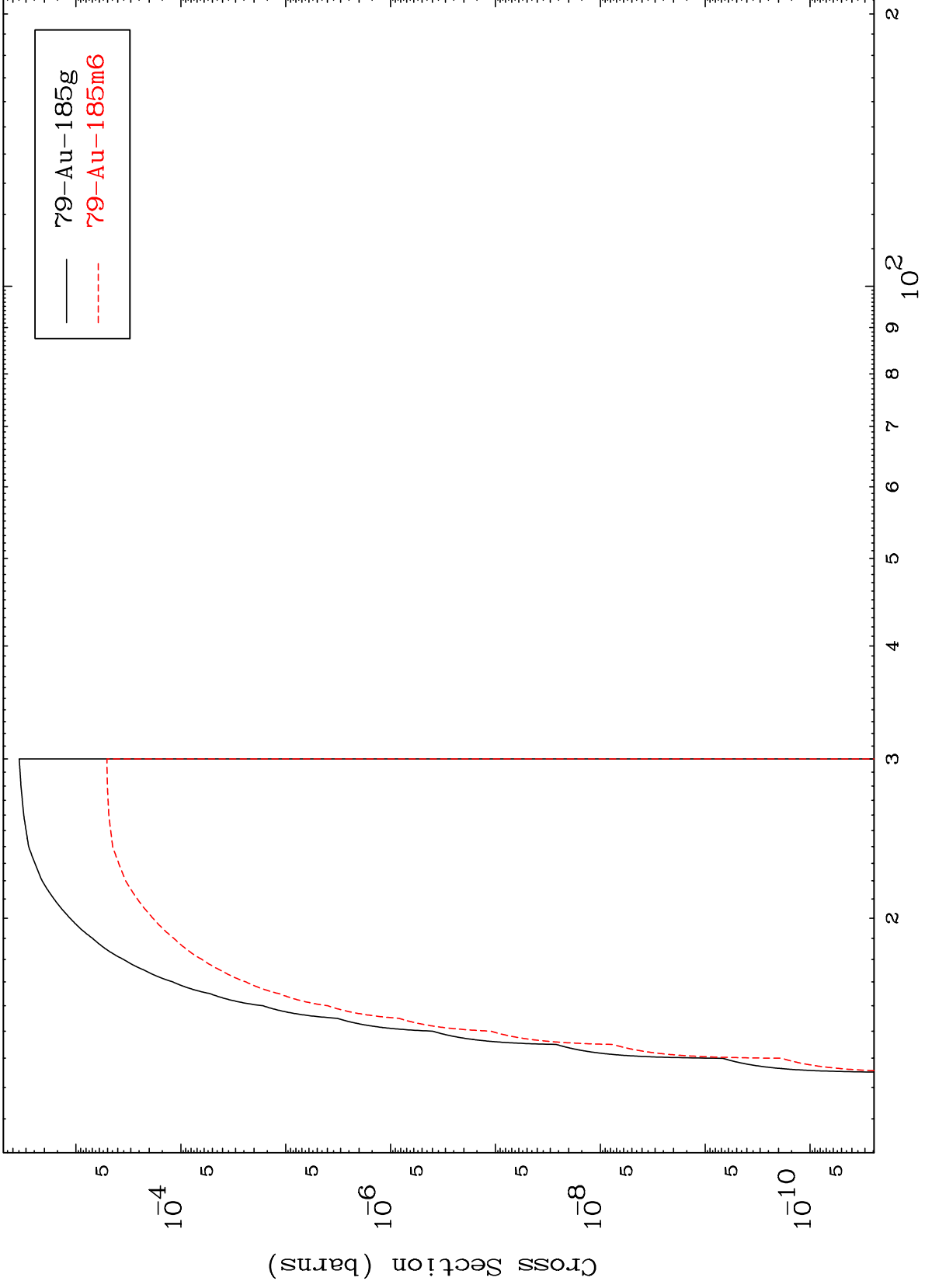
80-Hg-187m

Radionuclide Production Cross Section



0-??-Nat

Radionuclide Production Cross Section

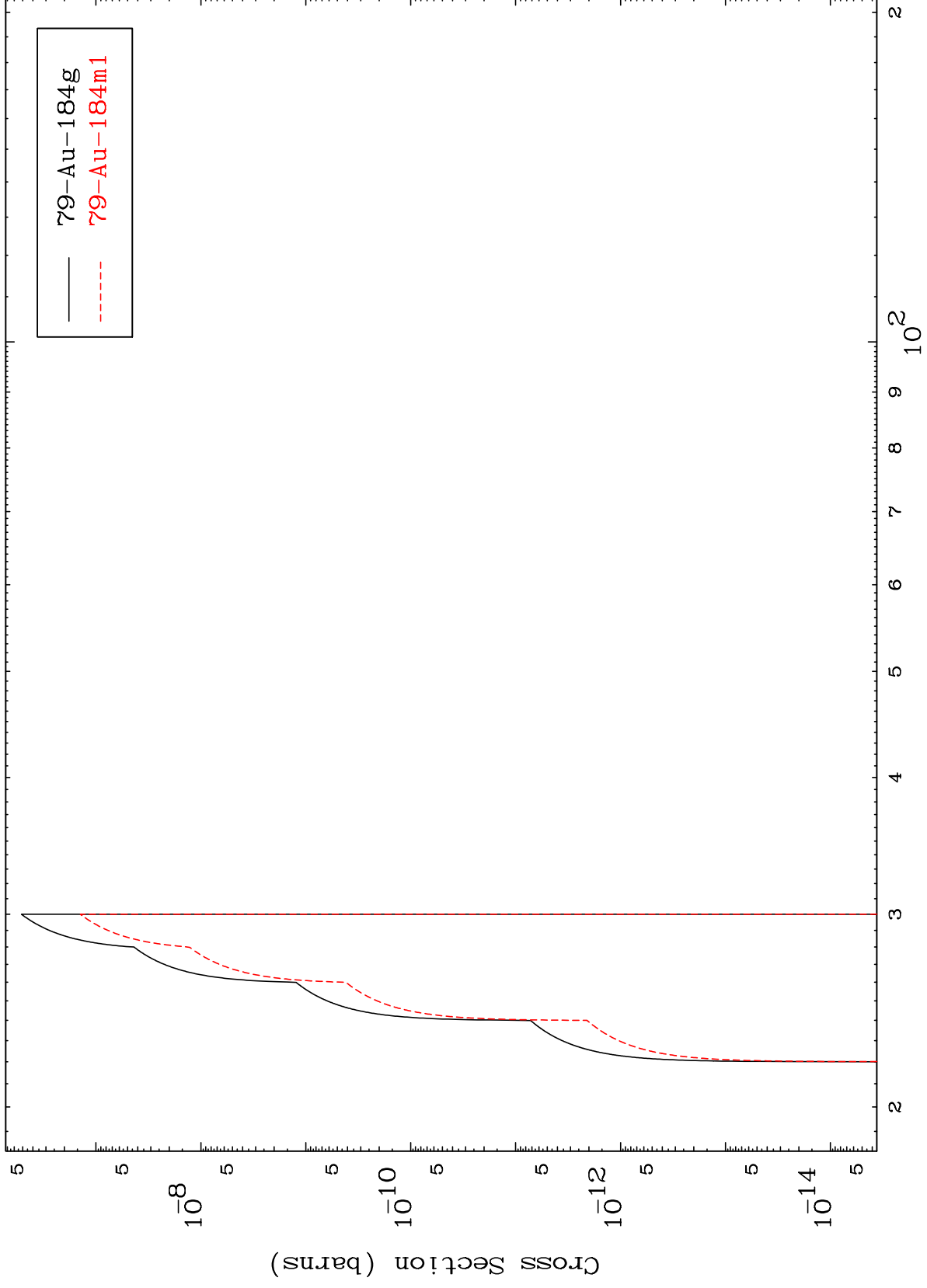


MAT 7999

(n,n') d

80-Hg-187m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

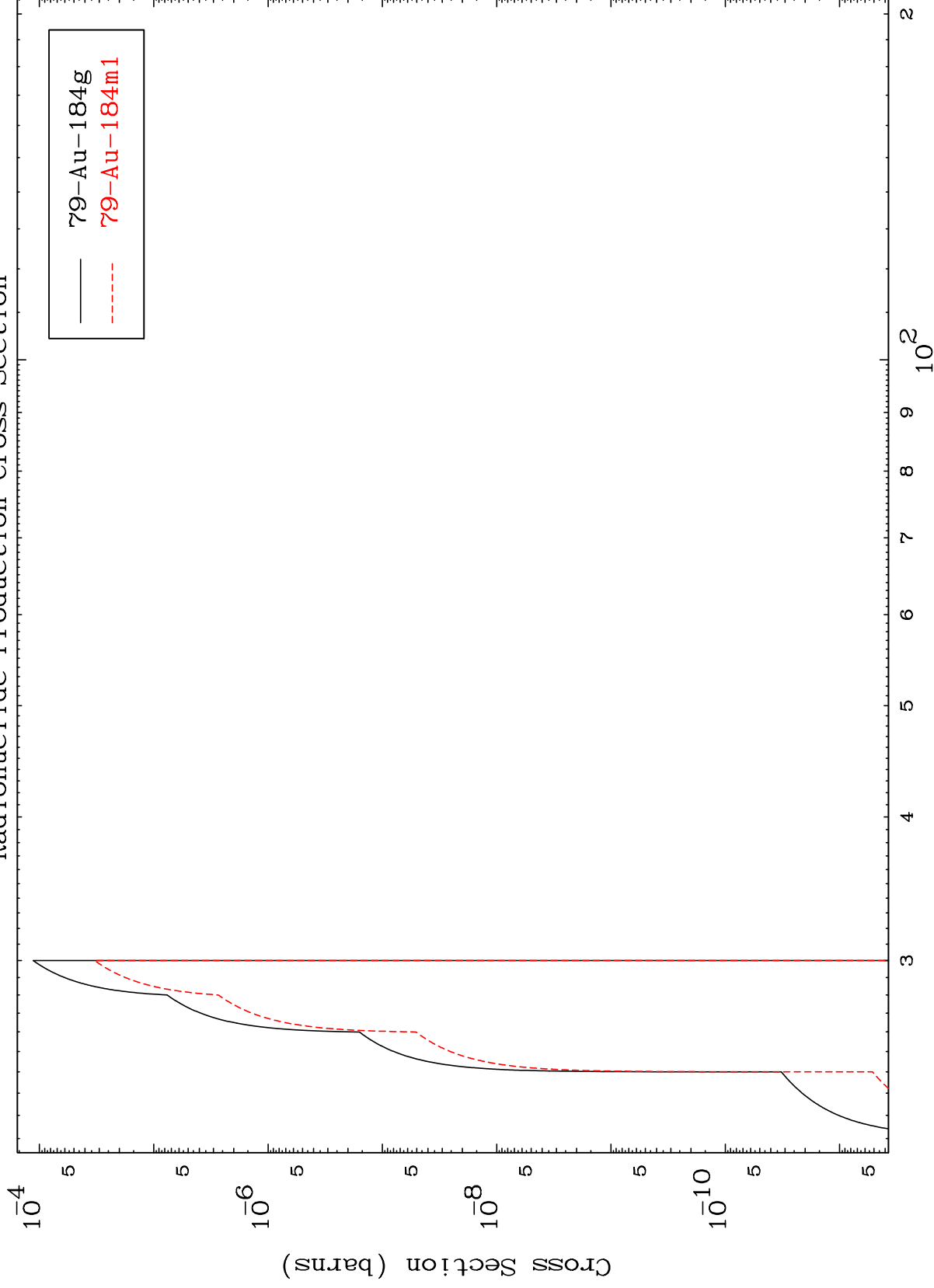
80-Hg-187m

MAT 7999

(n,2n) p

80-Hg-187m

Radionuclide Production Cross Section



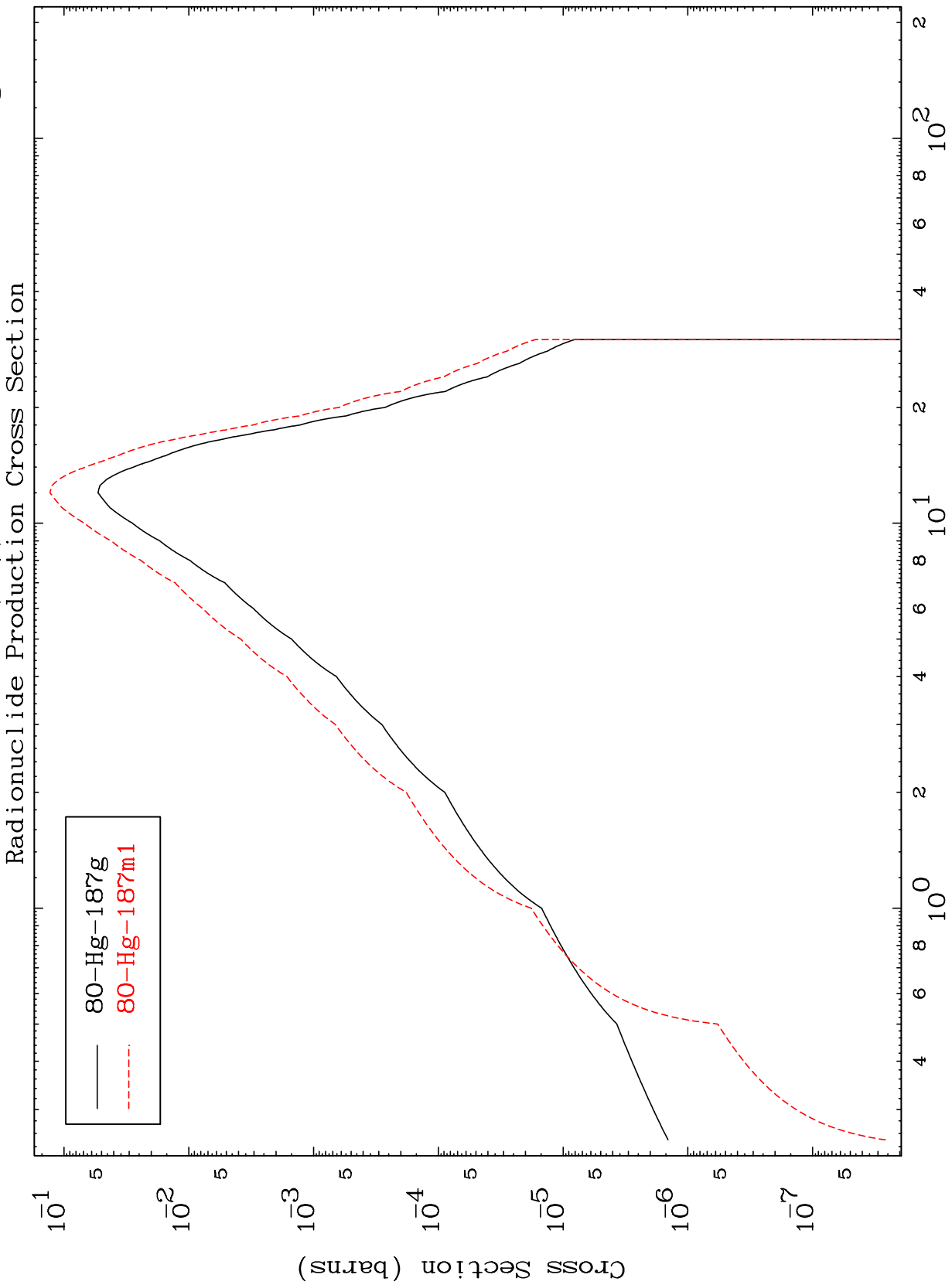
16

Incident Energy (MeV)

80-Hg-187m

MAT 7999

80-Hg-187m



80-Hg-187m

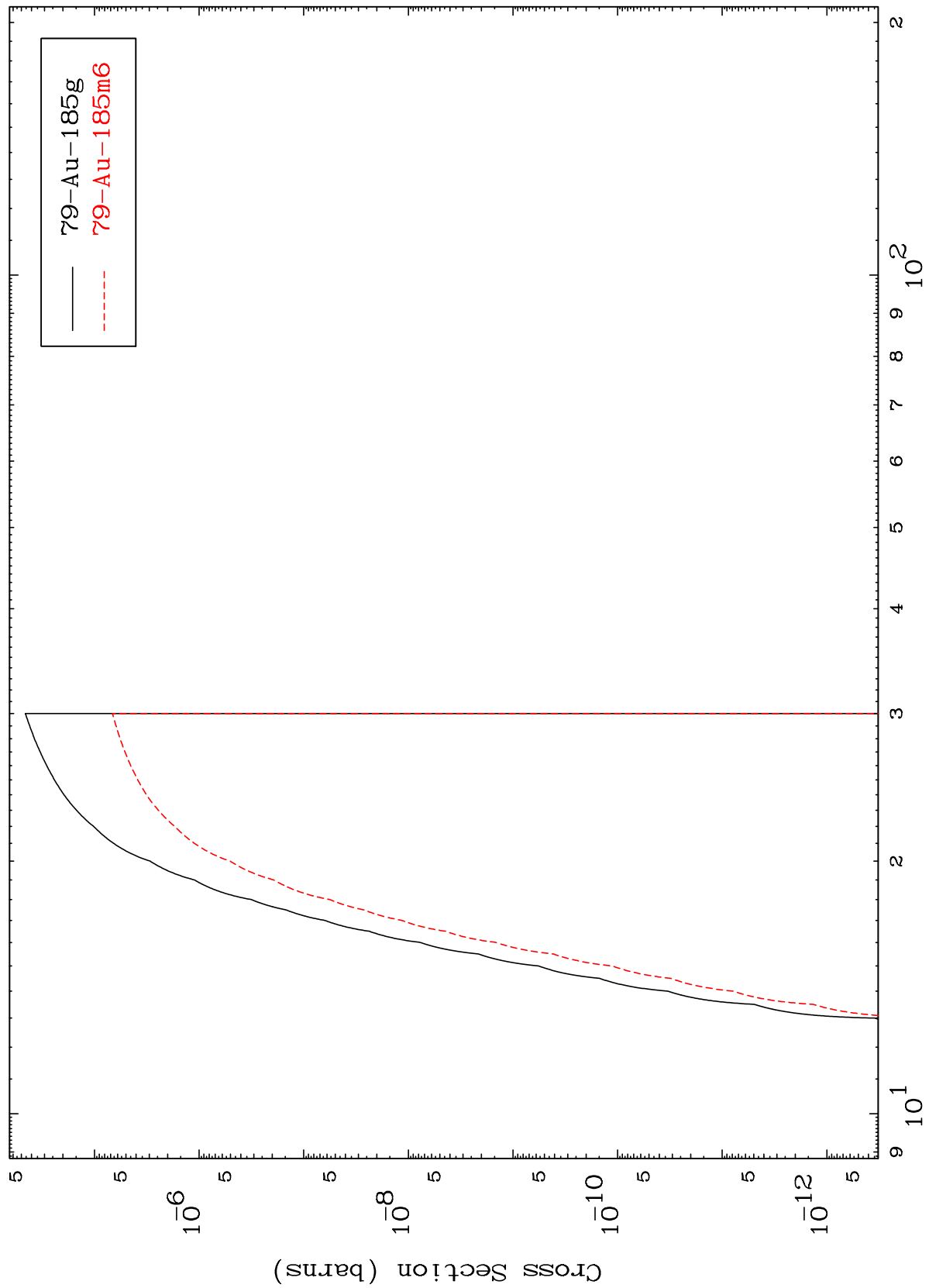
Incident Energy (MeV)

17

MAT 7999

80-Hg-187m

(n,d)  
Radionuclide Production Cross Section



80-Hg-187m

Incident Energy (MeV)

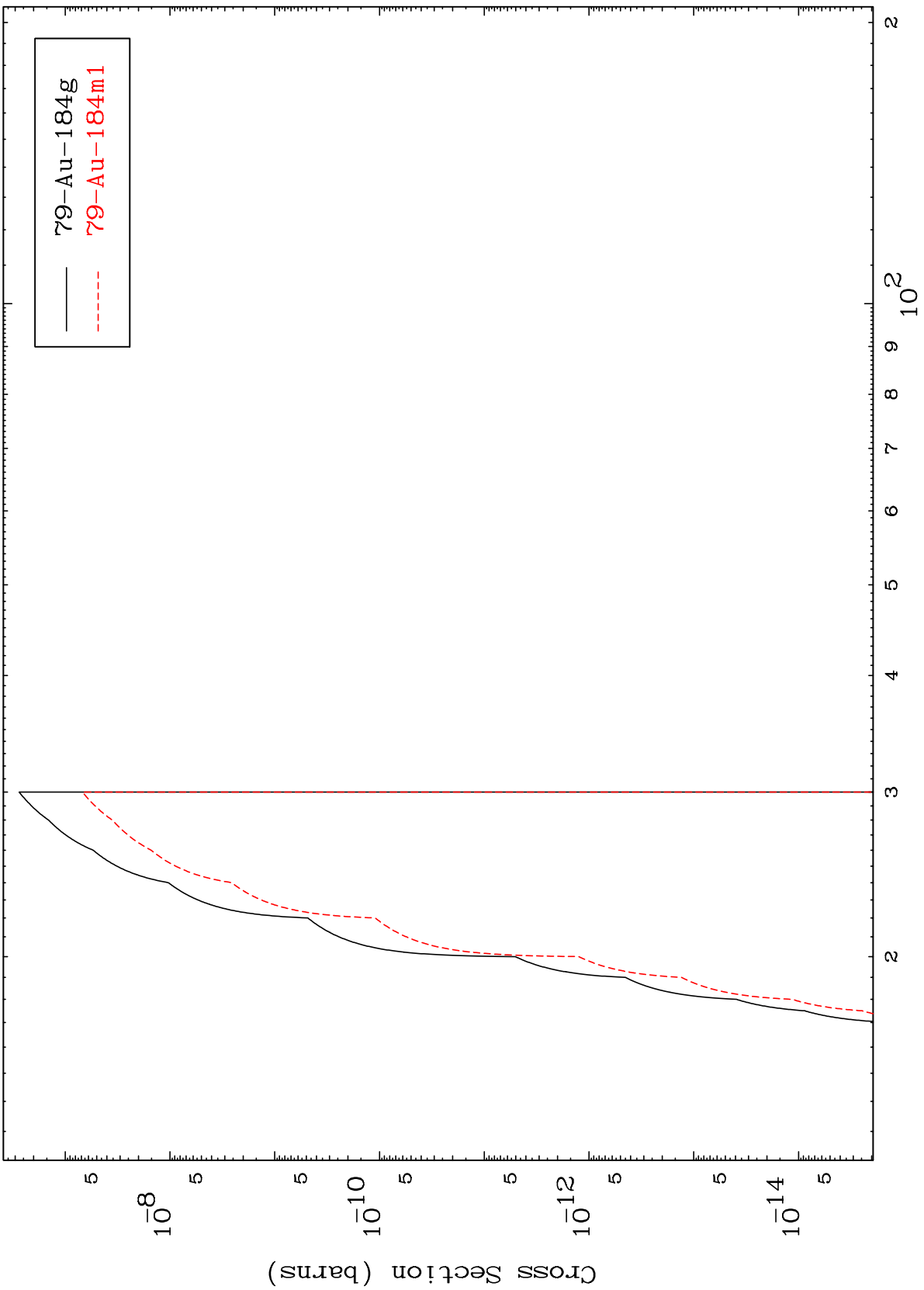
18

10<sup>1</sup>

10<sup>2</sup>

2

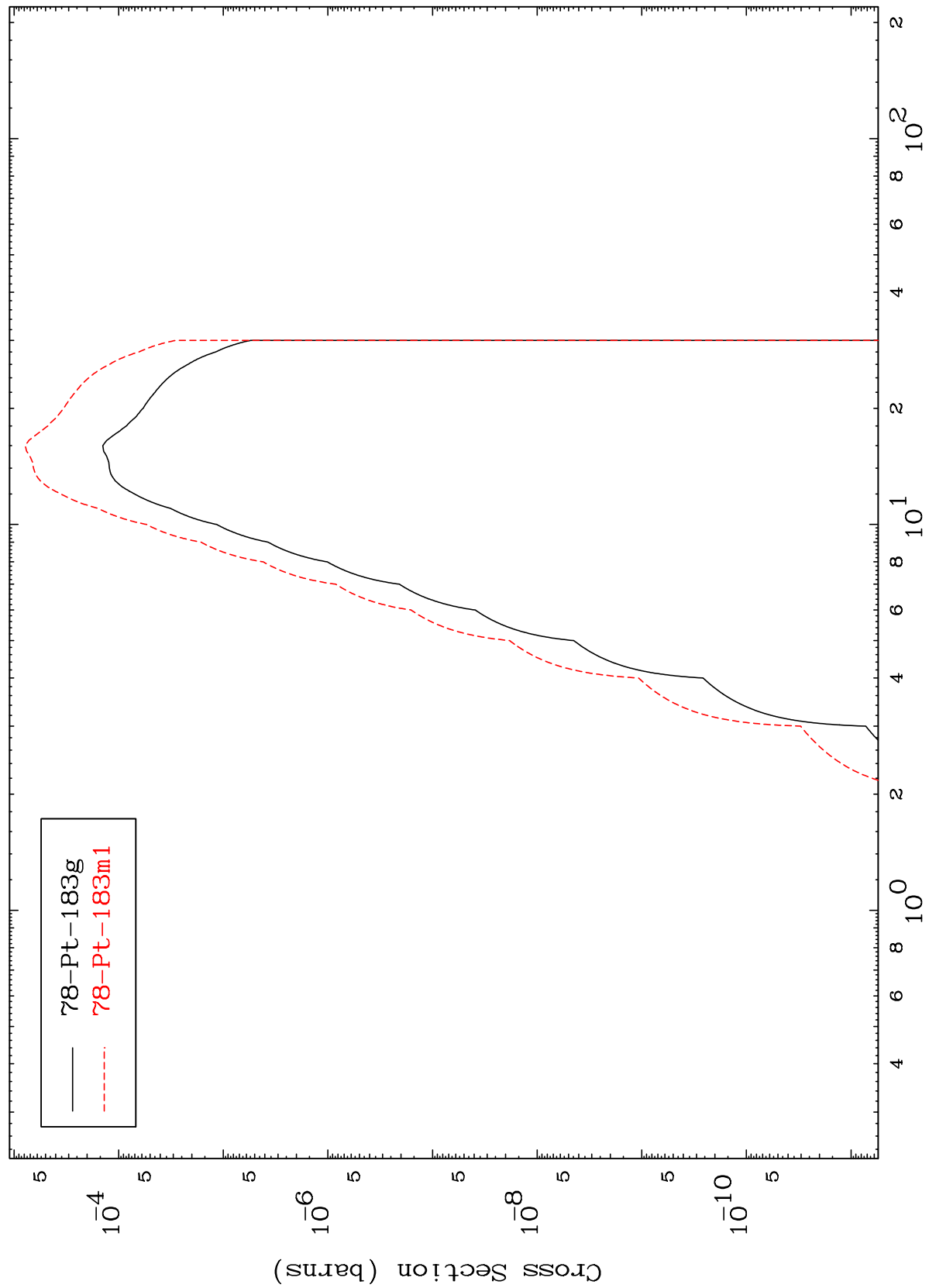
(n, t)  
Radionuclide Production Cross Section



MAT 7999

80-Hg-187m

(n,  $\alpha$ )  
Radionuclide Production Cross Section



80-Hg-187m

Incident Energy (MeV)

20

MAT 7999

80-Hg-187m

(n,2p)  
Radionuclide Production Cross Section

