

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

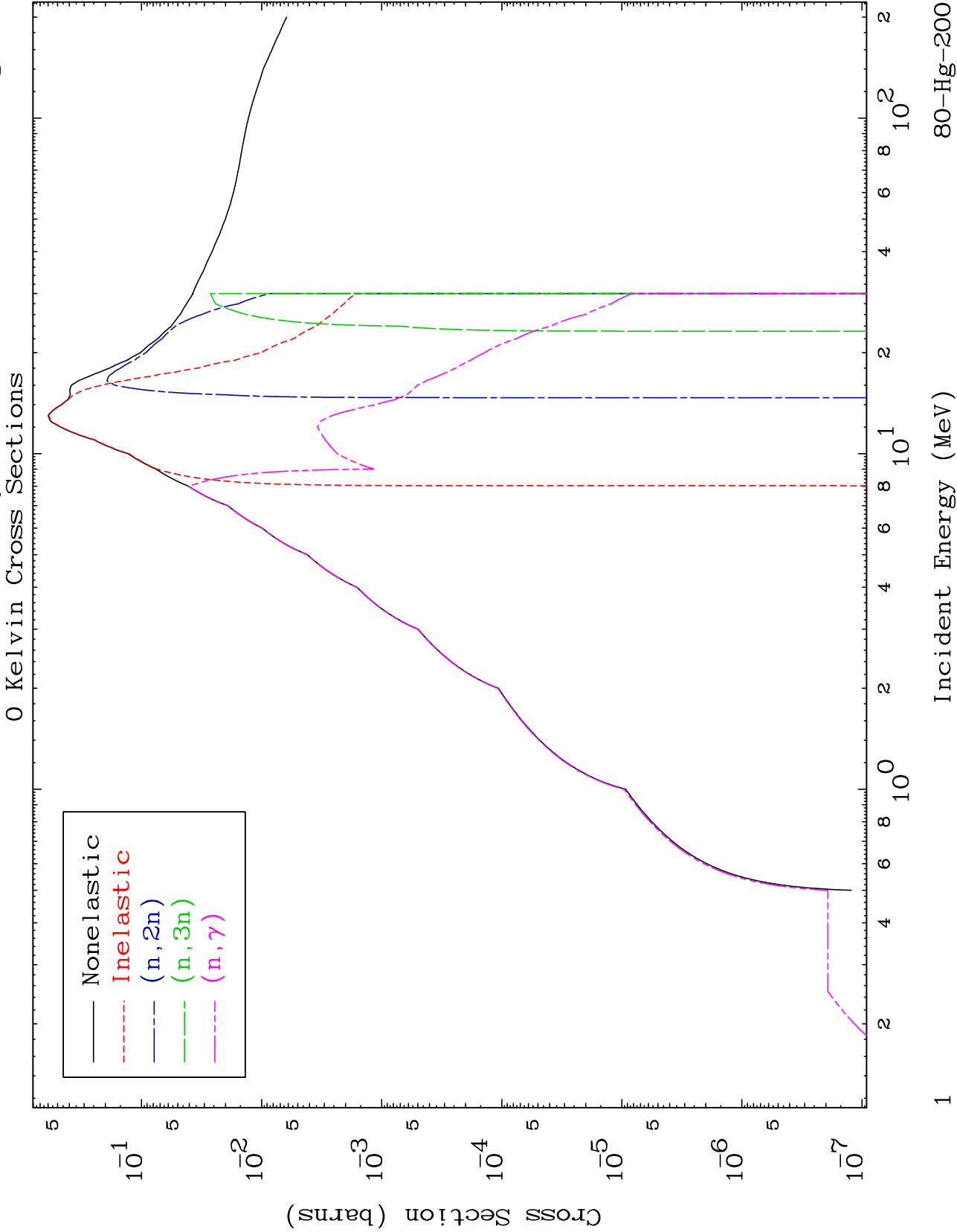
Web:redcullen1.net/HOMEPAGE.NEW

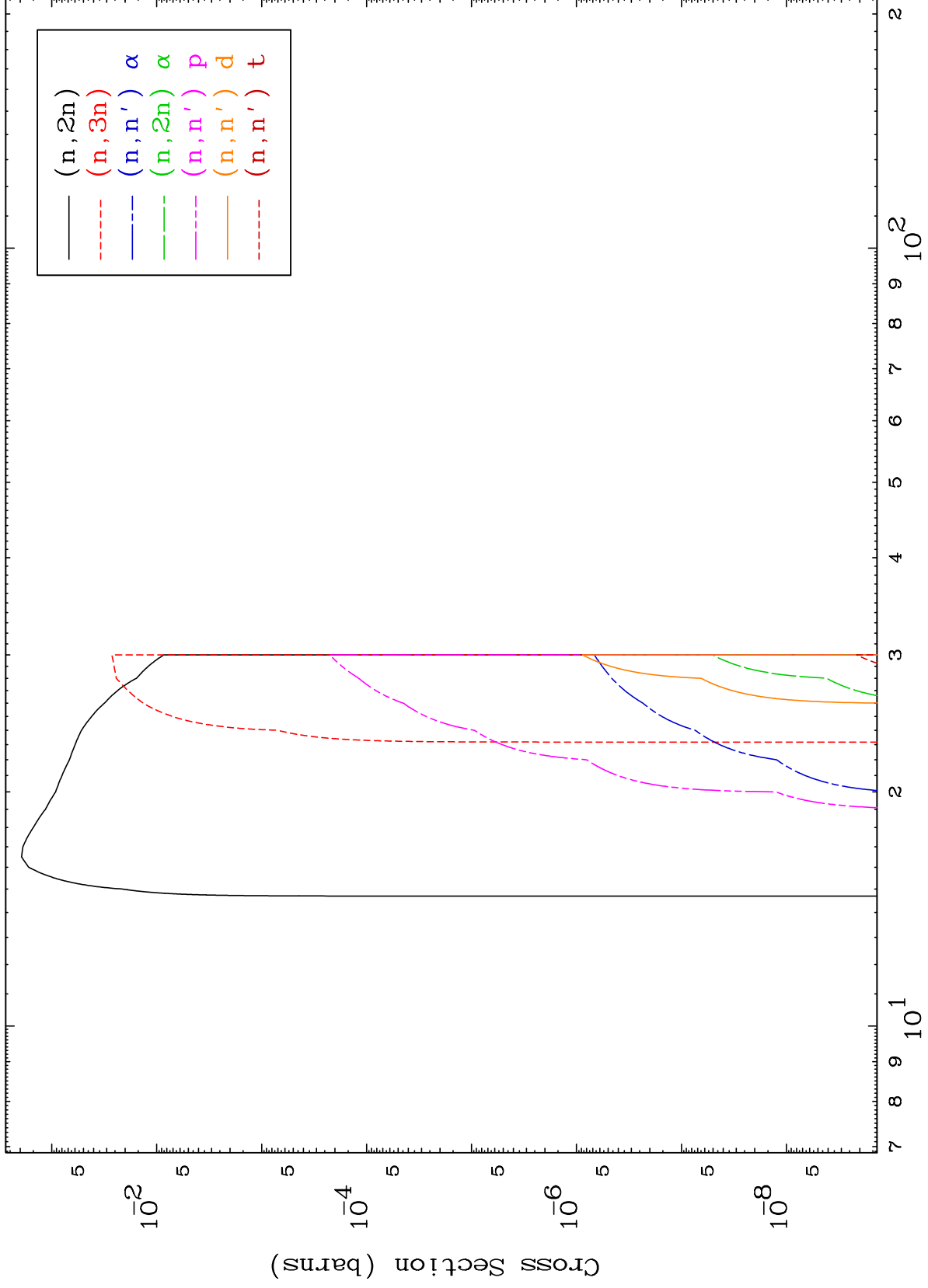
Press Mouse Button to Start

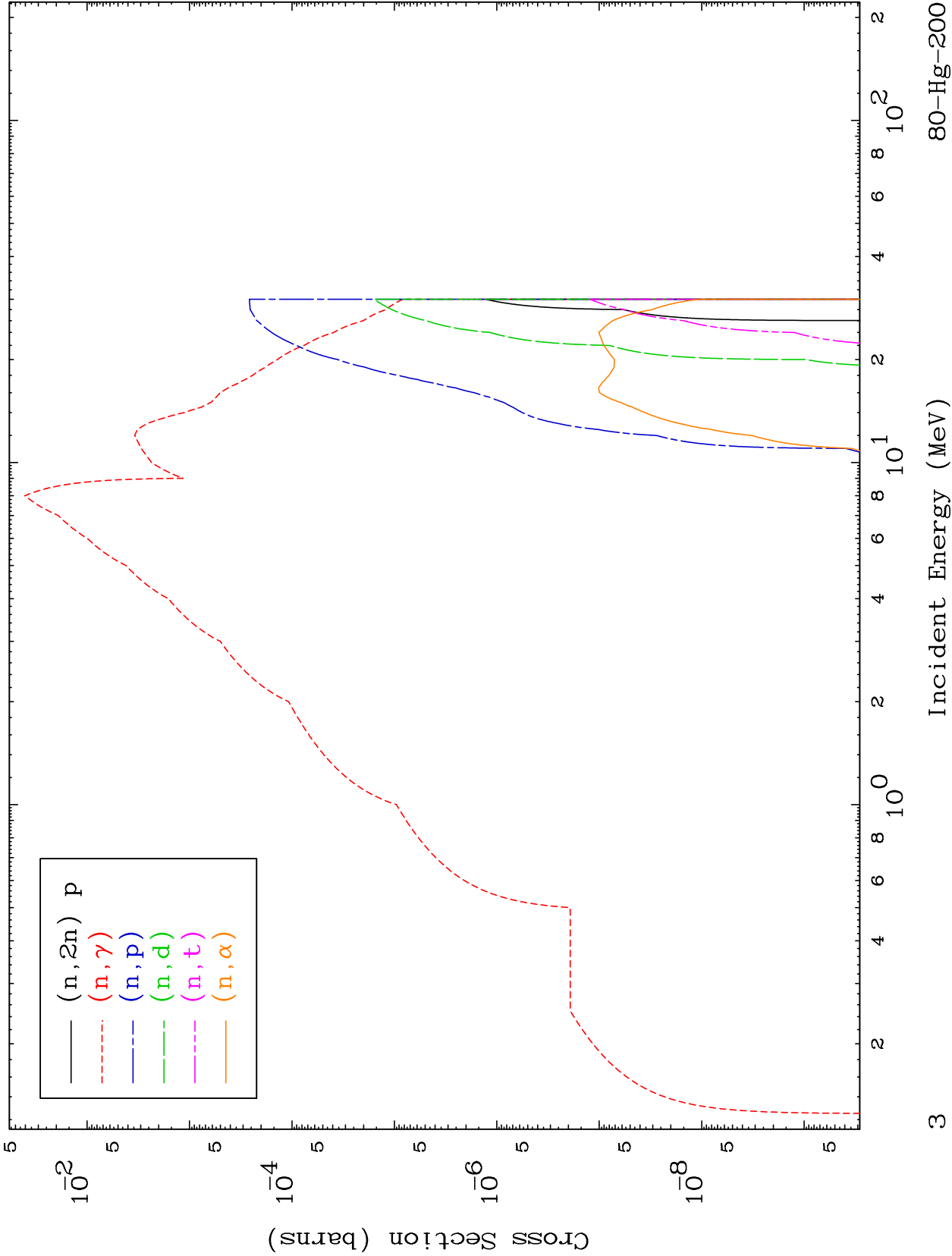
MAT 8037

0 Kelvin Major

80-Hg-200



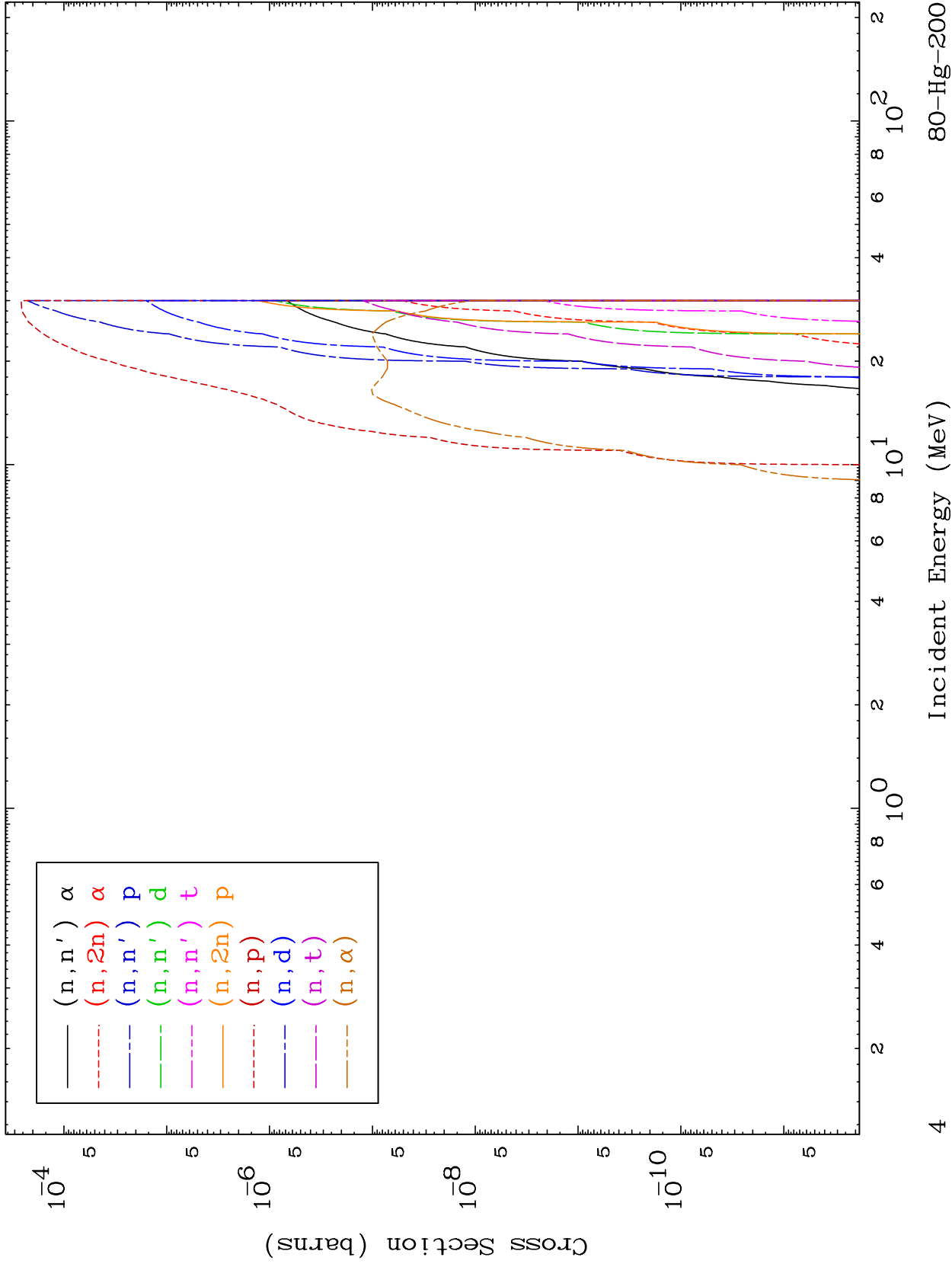




MAT 8037

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-200

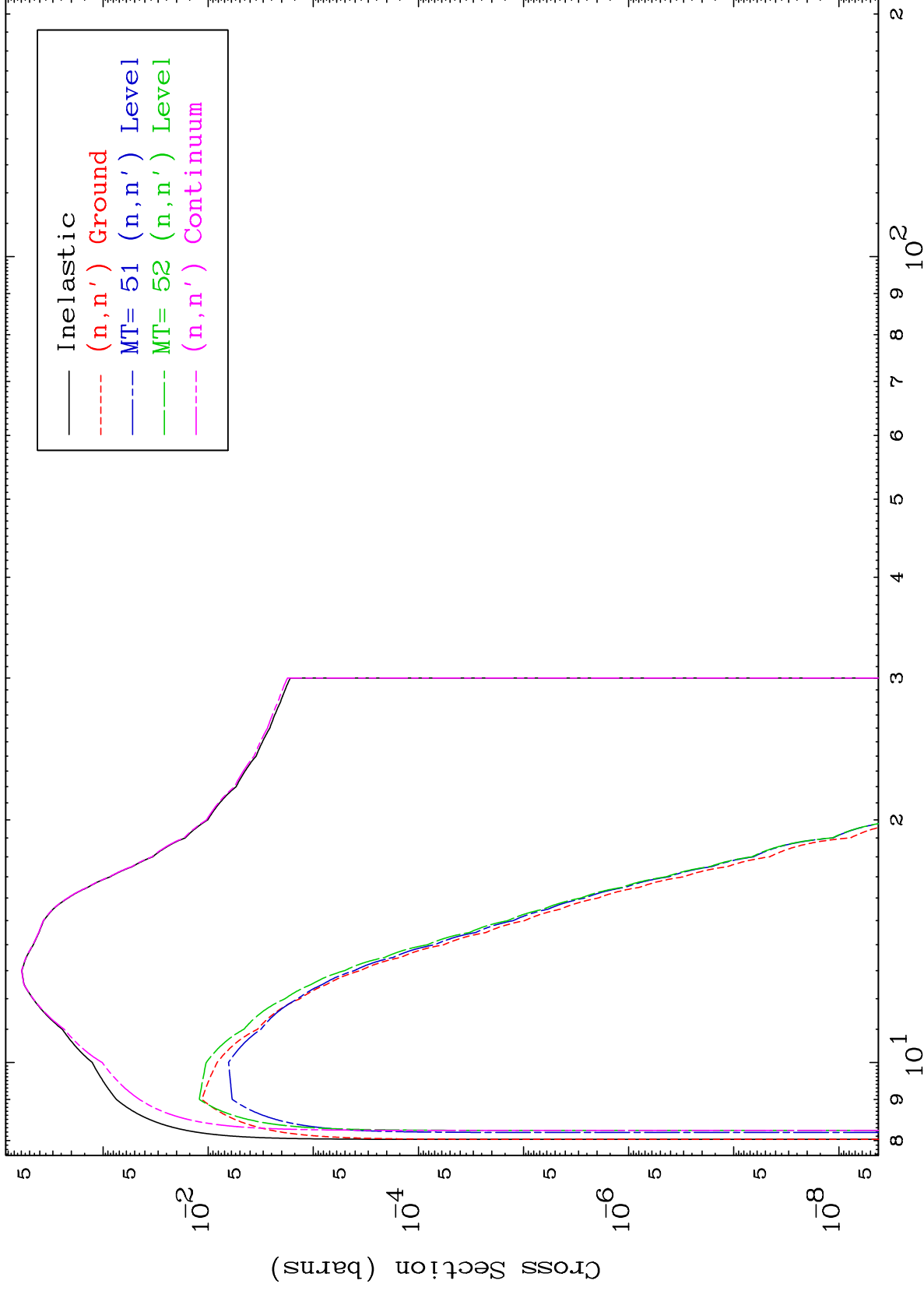


MAT 8037

$(\gamma, n')$  Levels

80-Hg-200

0 Kelvin Cross Sections



Incident Energy (MeV)

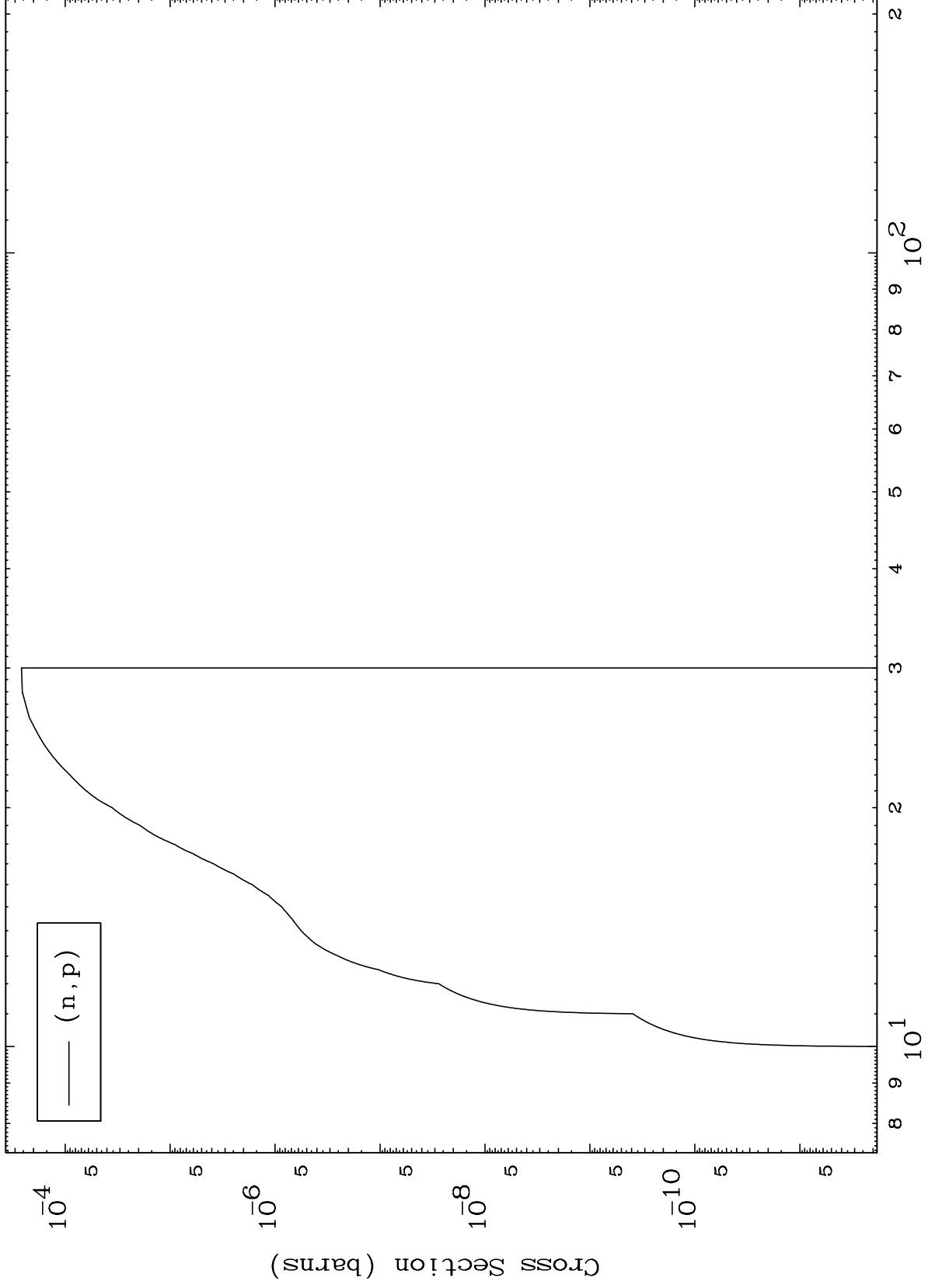
80-Hg-200

5

MAT 8037

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

80-Hg-200



6

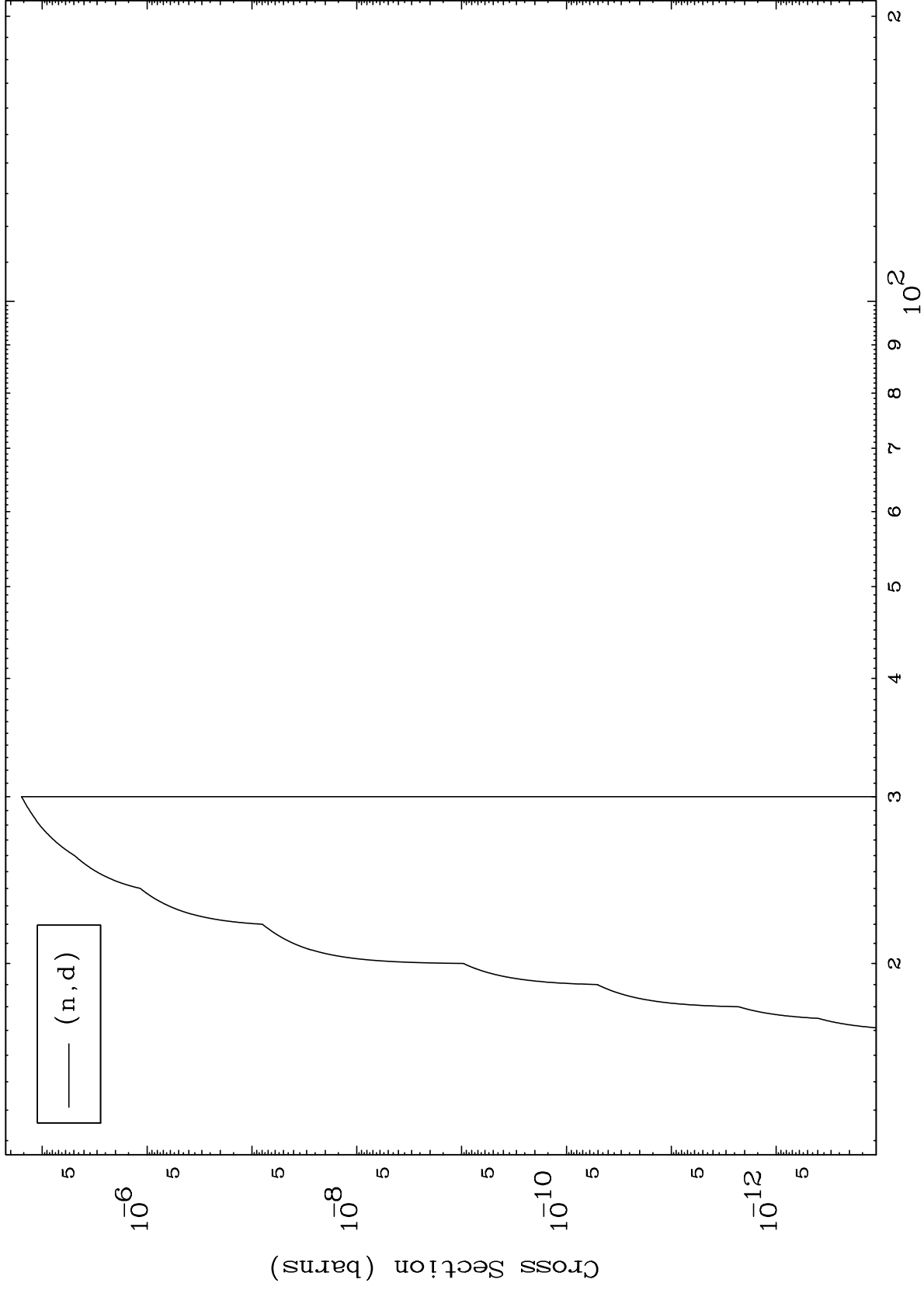
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



7

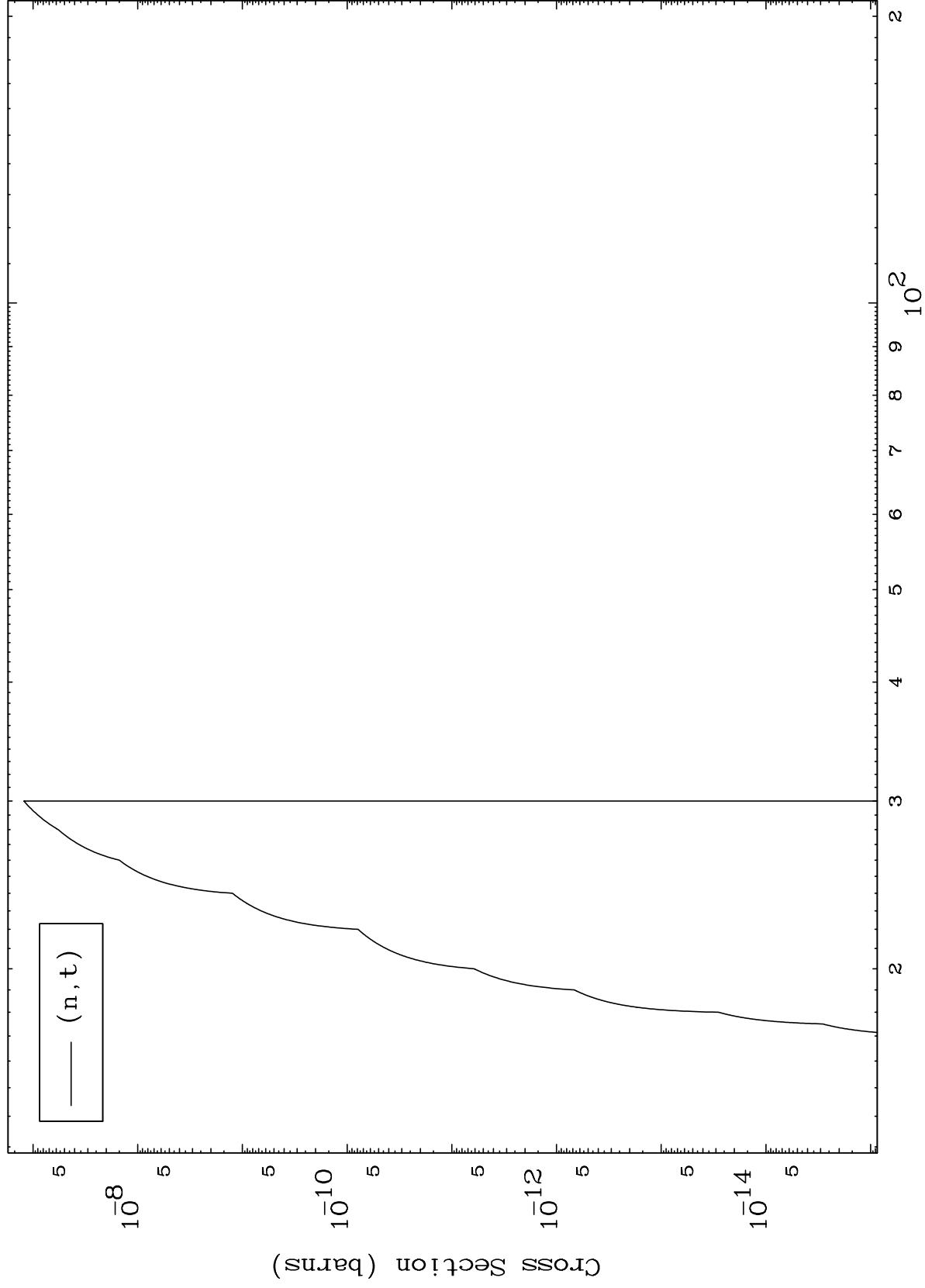
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



8

Incident Energy (MeV)

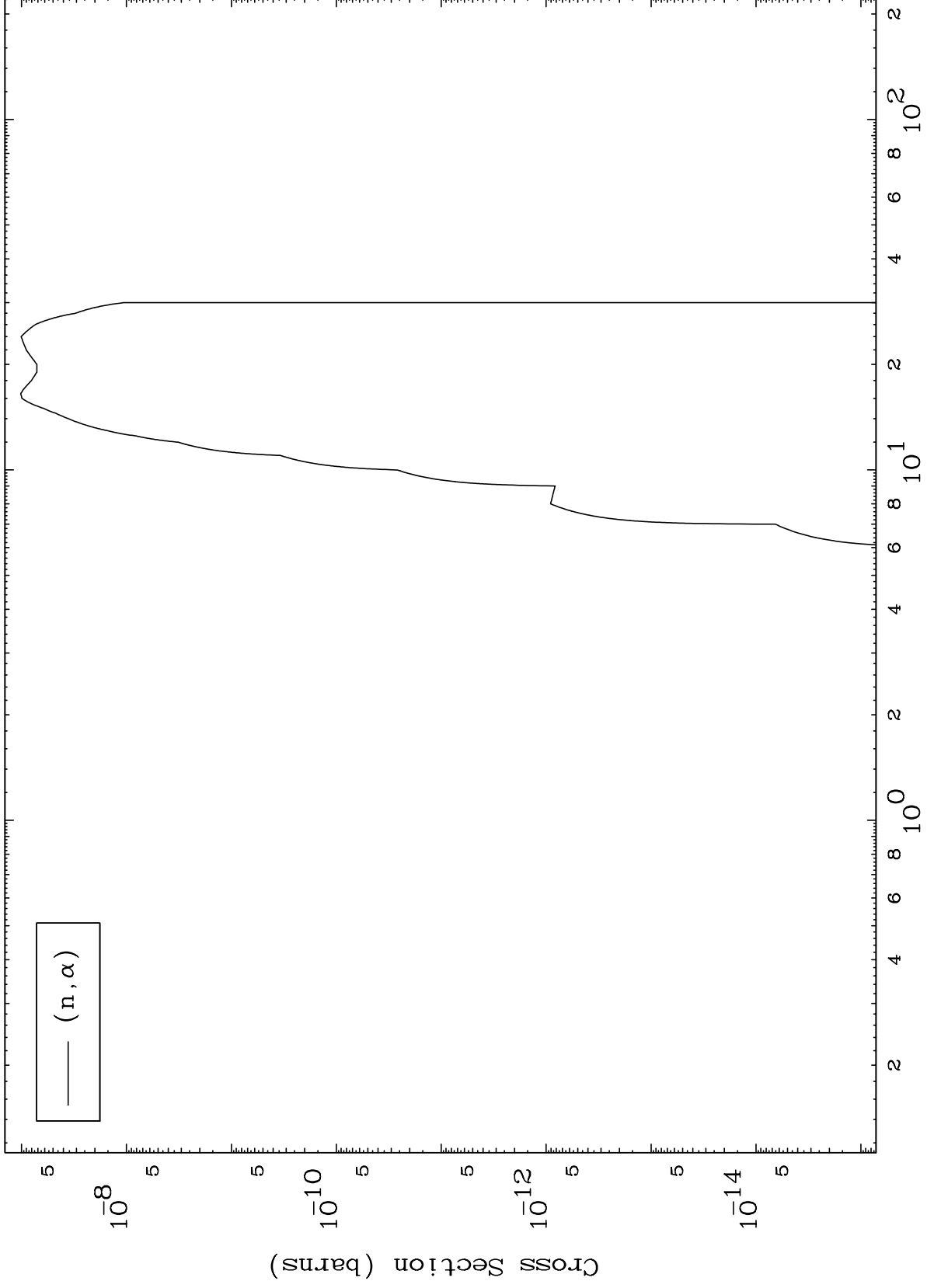
80-Hg-200

MAT 8037

( $\gamma, \alpha$ ) Levels

80-Hg-200

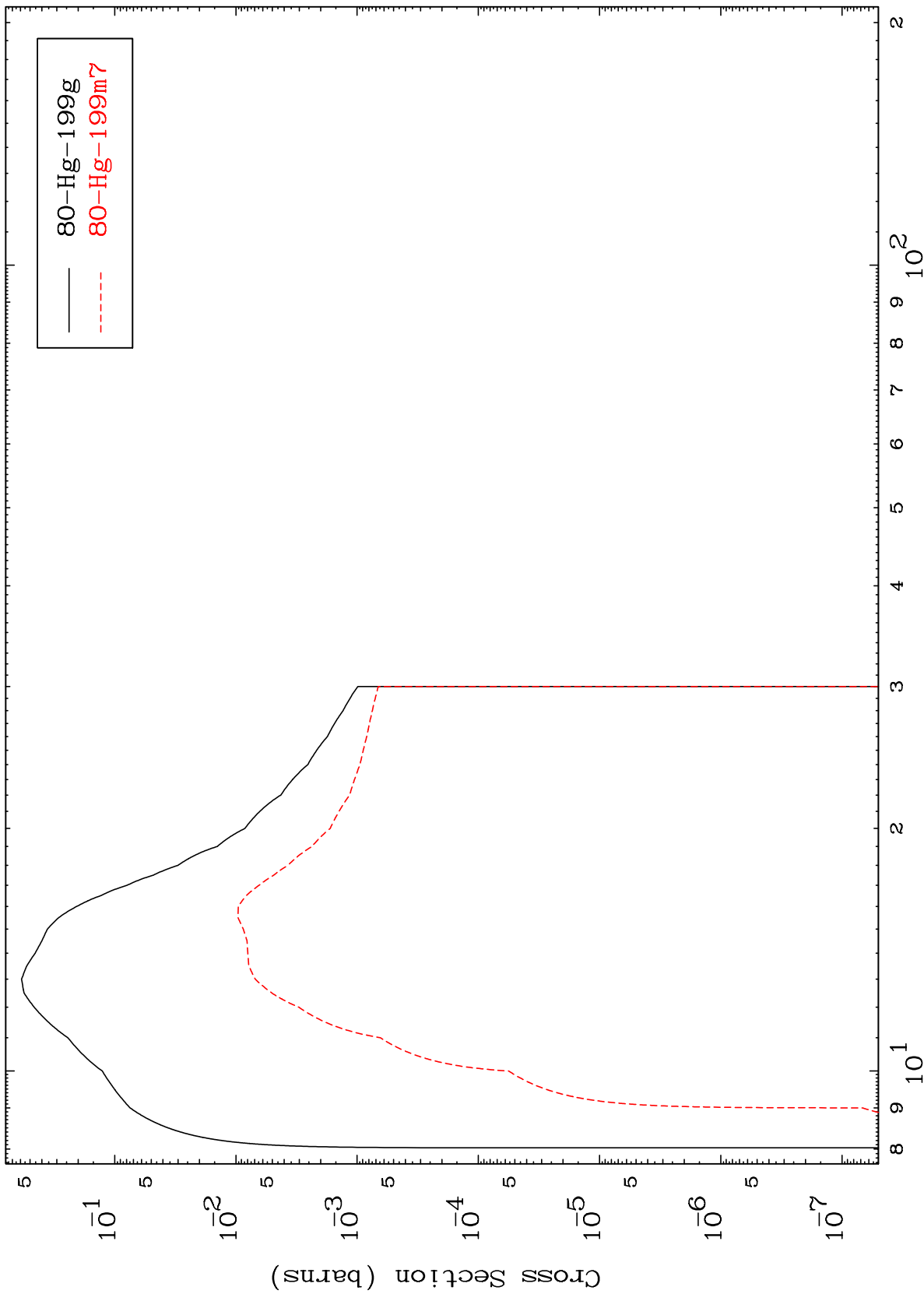
0 Kelvin Cross Sections



MAT 8037

80-Hg-200

Inelastic  
Radionuclide Production Cross Section



80-Hg-200

Incident Energy (MeV)

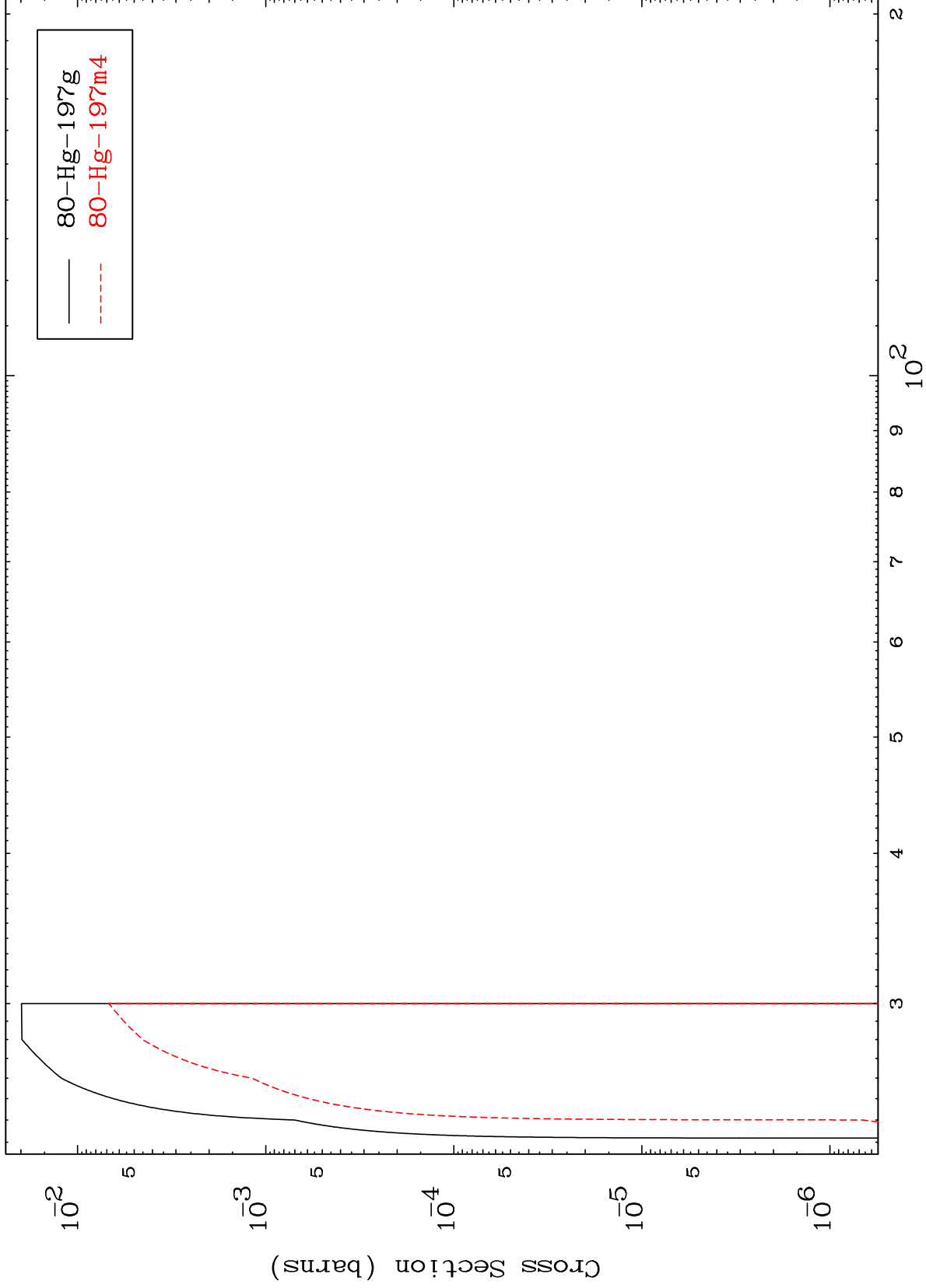
10

MAT 8037

(n,3n)

80-Hg-200

Radionuclide Production Cross Section



11

Incident Energy (MeV)

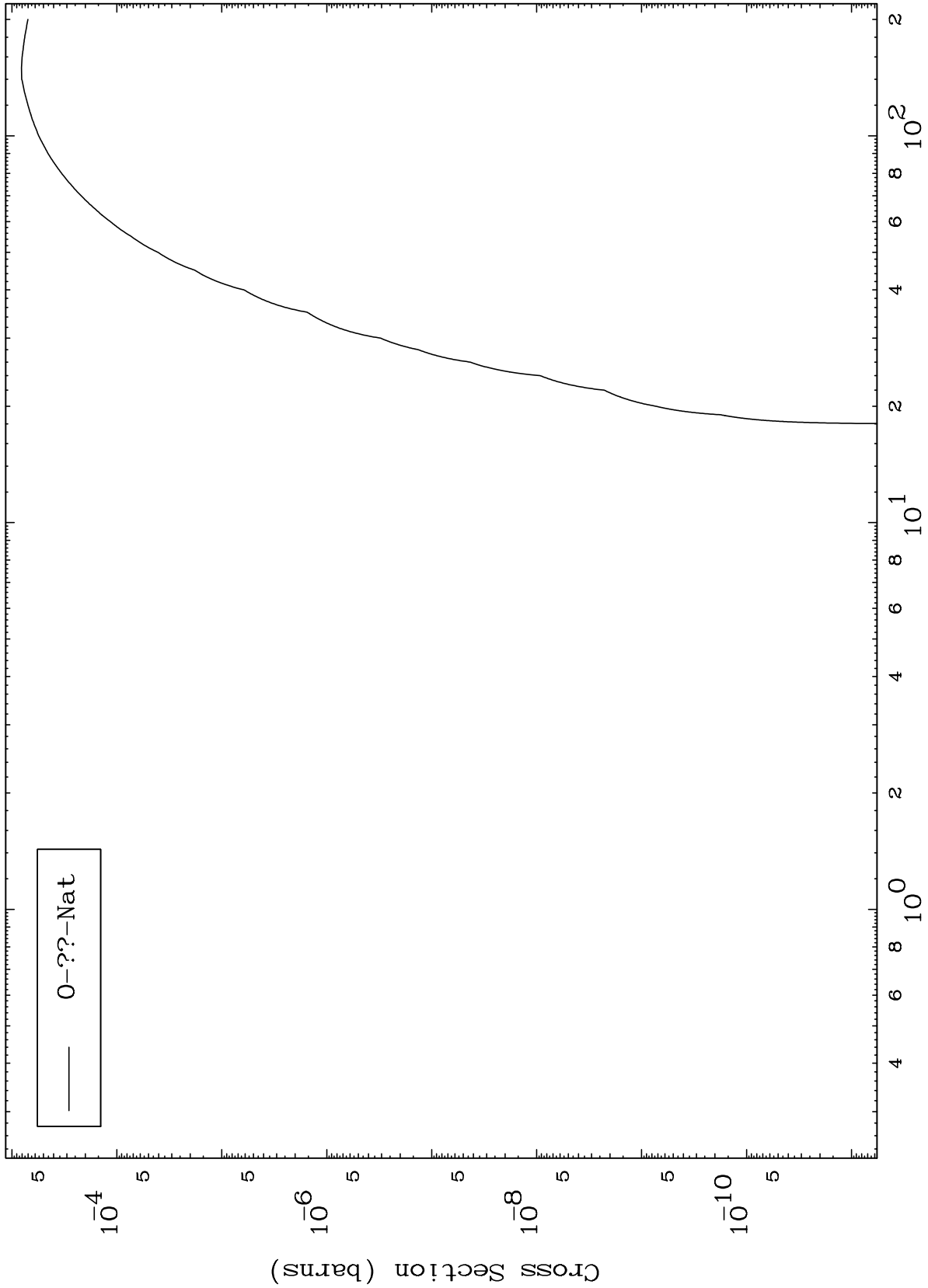
80-Hg-200

MAT 8037

Fission

80-Hg-200

Radionuclide Production Cross Section

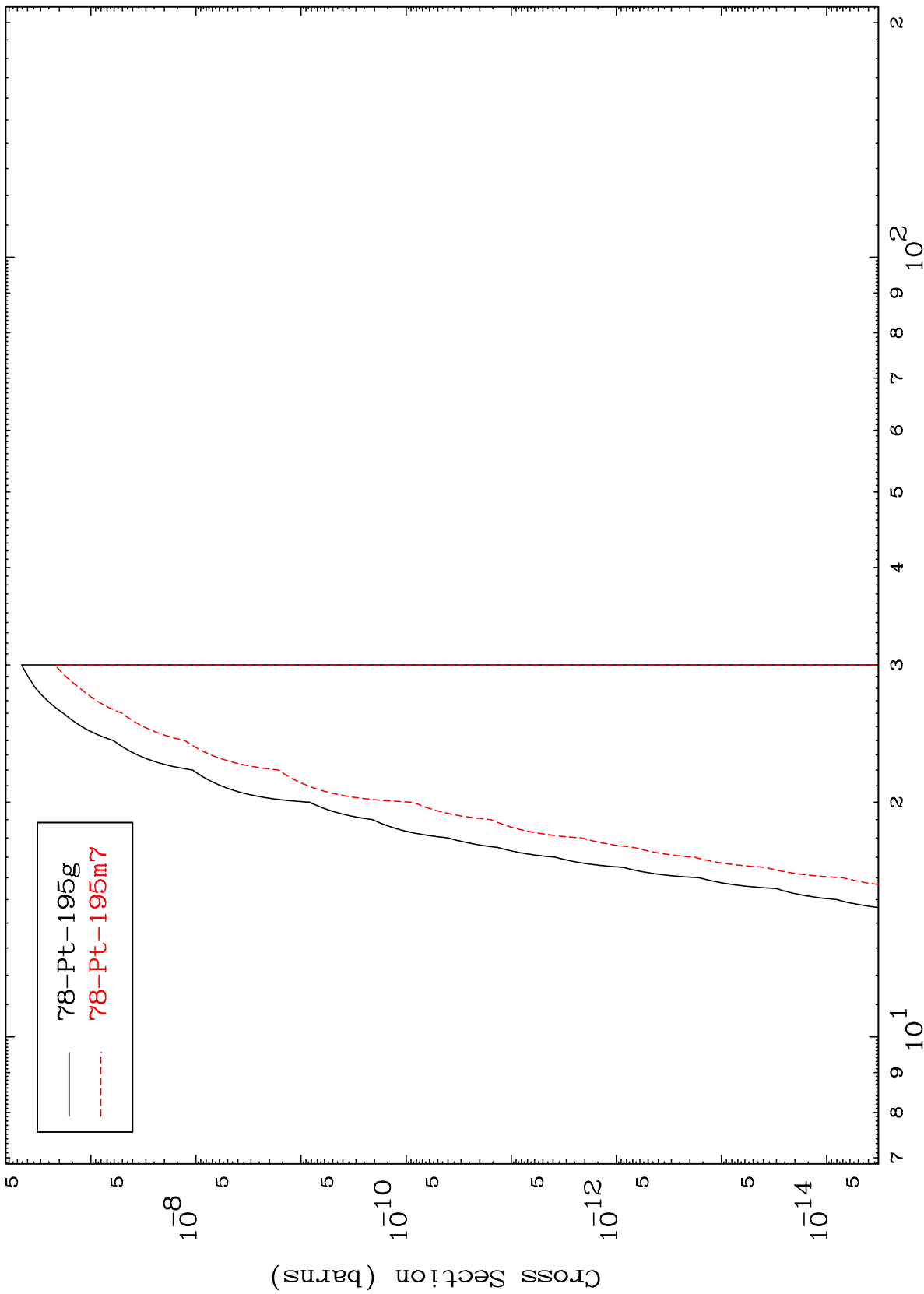


MAT 8037

$(n, n') \alpha$

80-Hg-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

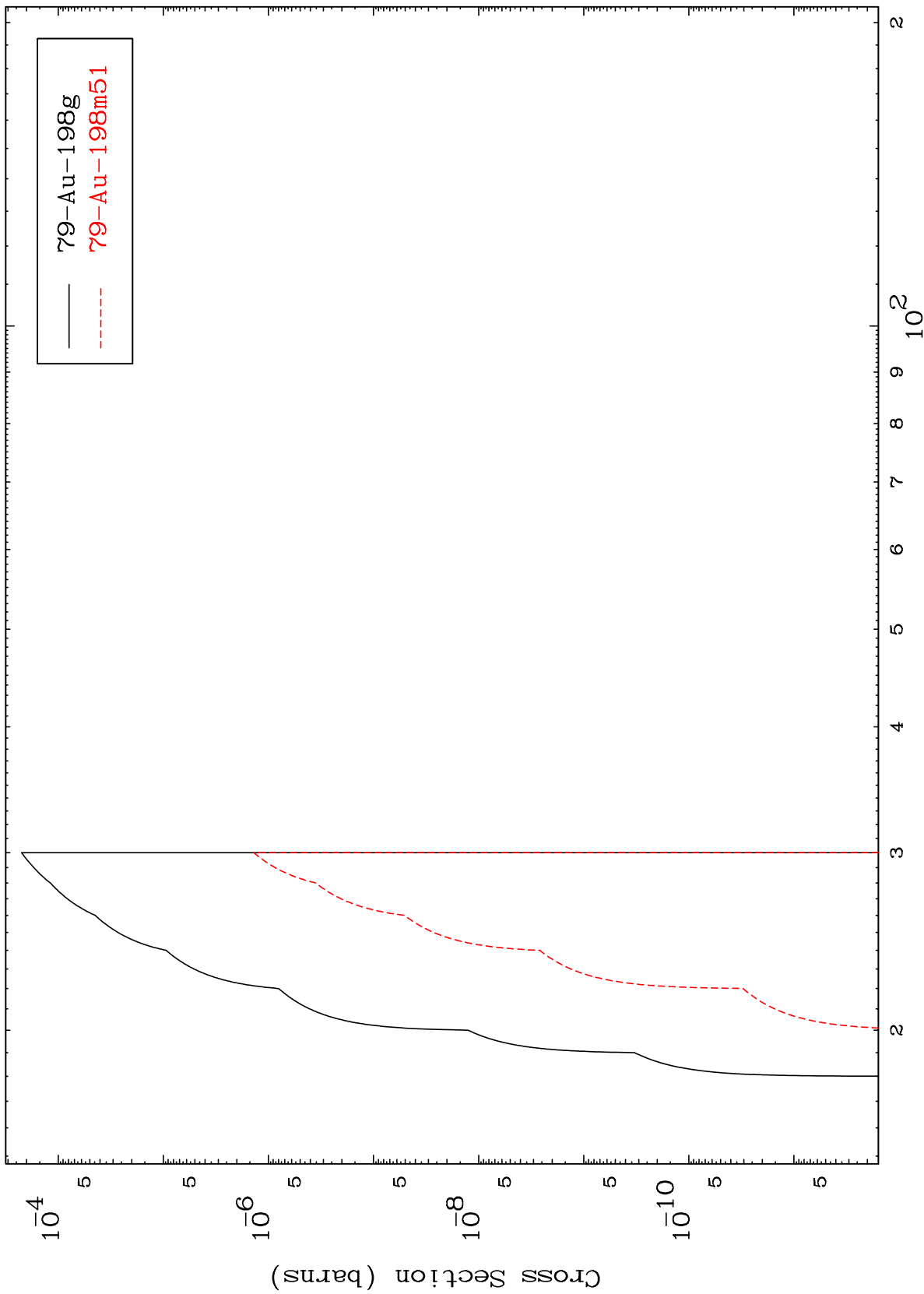
80-Hg-200

MAT 8037

(n,n') p

80-Hg-200

Radionuclide Production Cross Section



14

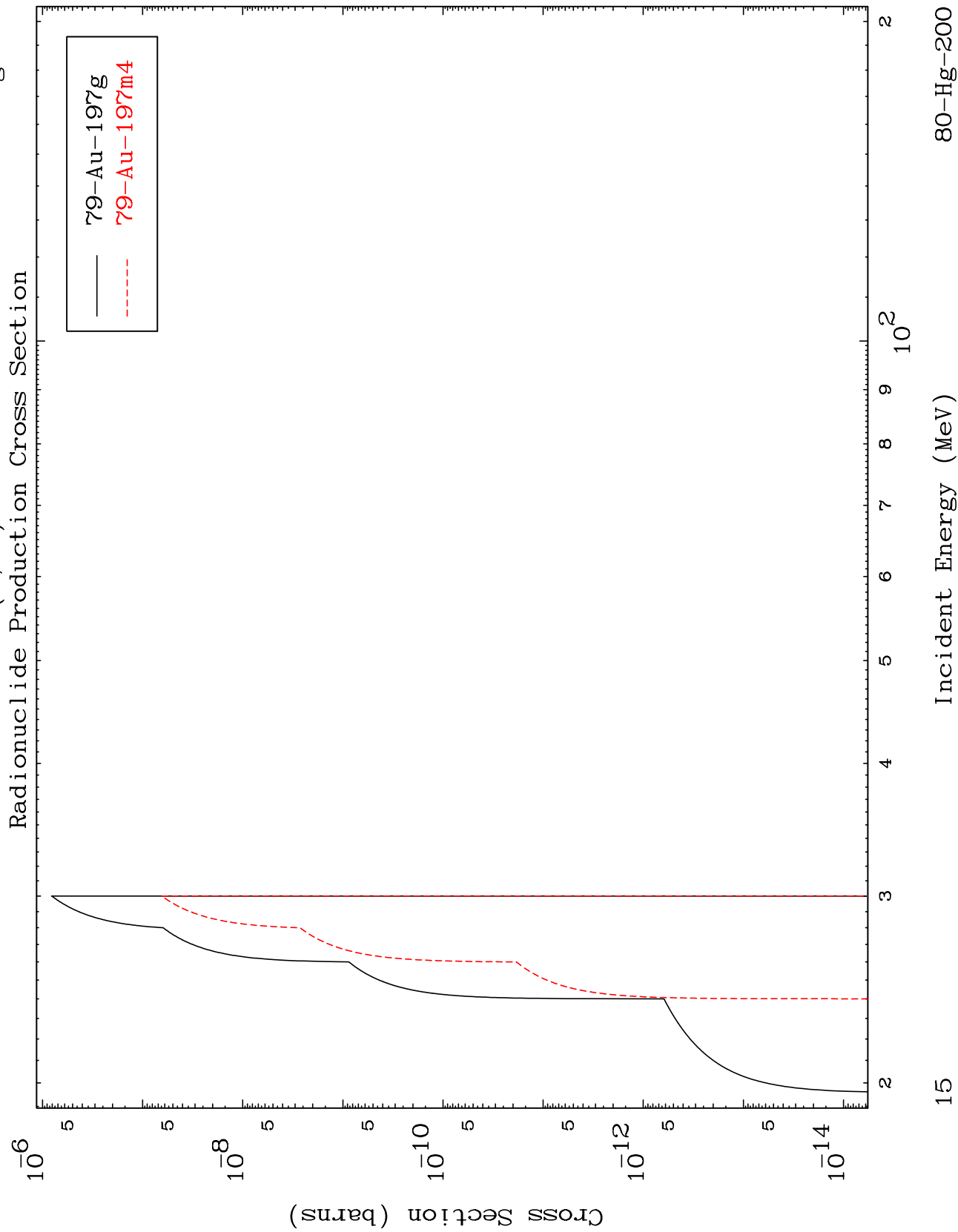
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,n') d

80-Hg-200



15

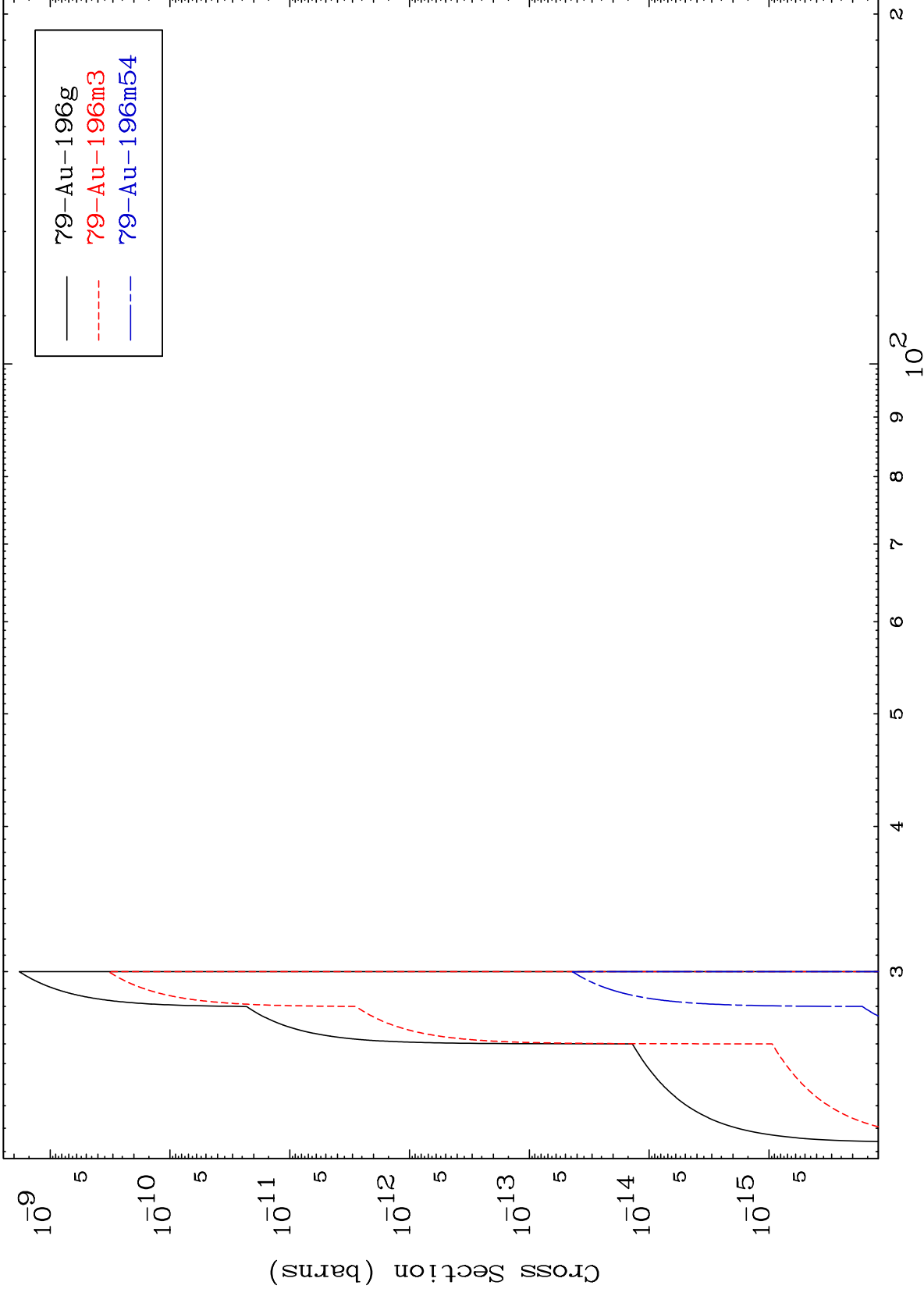
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

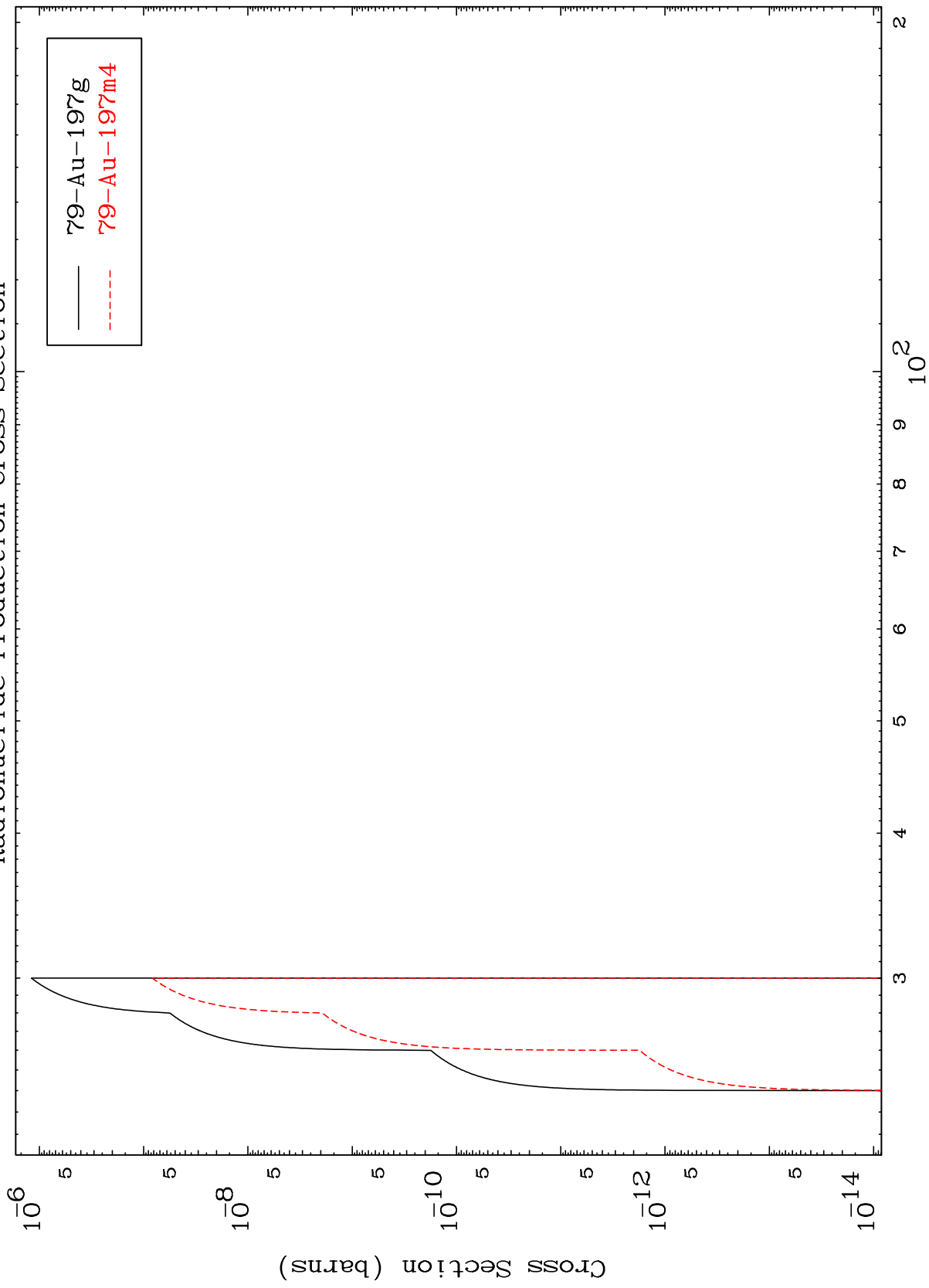
80-Hg-200

MAT 8037

(n,2n) p

80-Hg-200

Radionuclide Production Cross Section



17

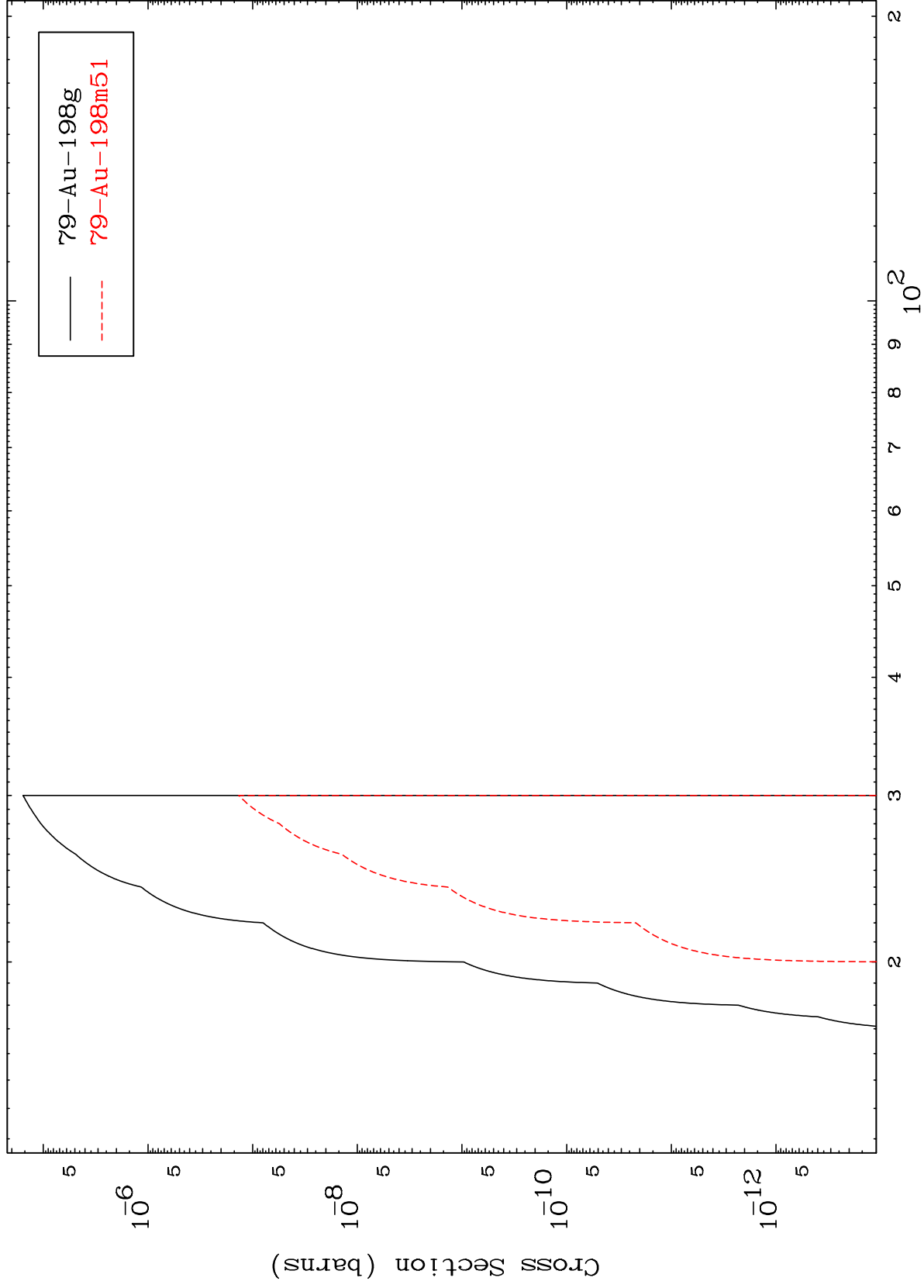
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

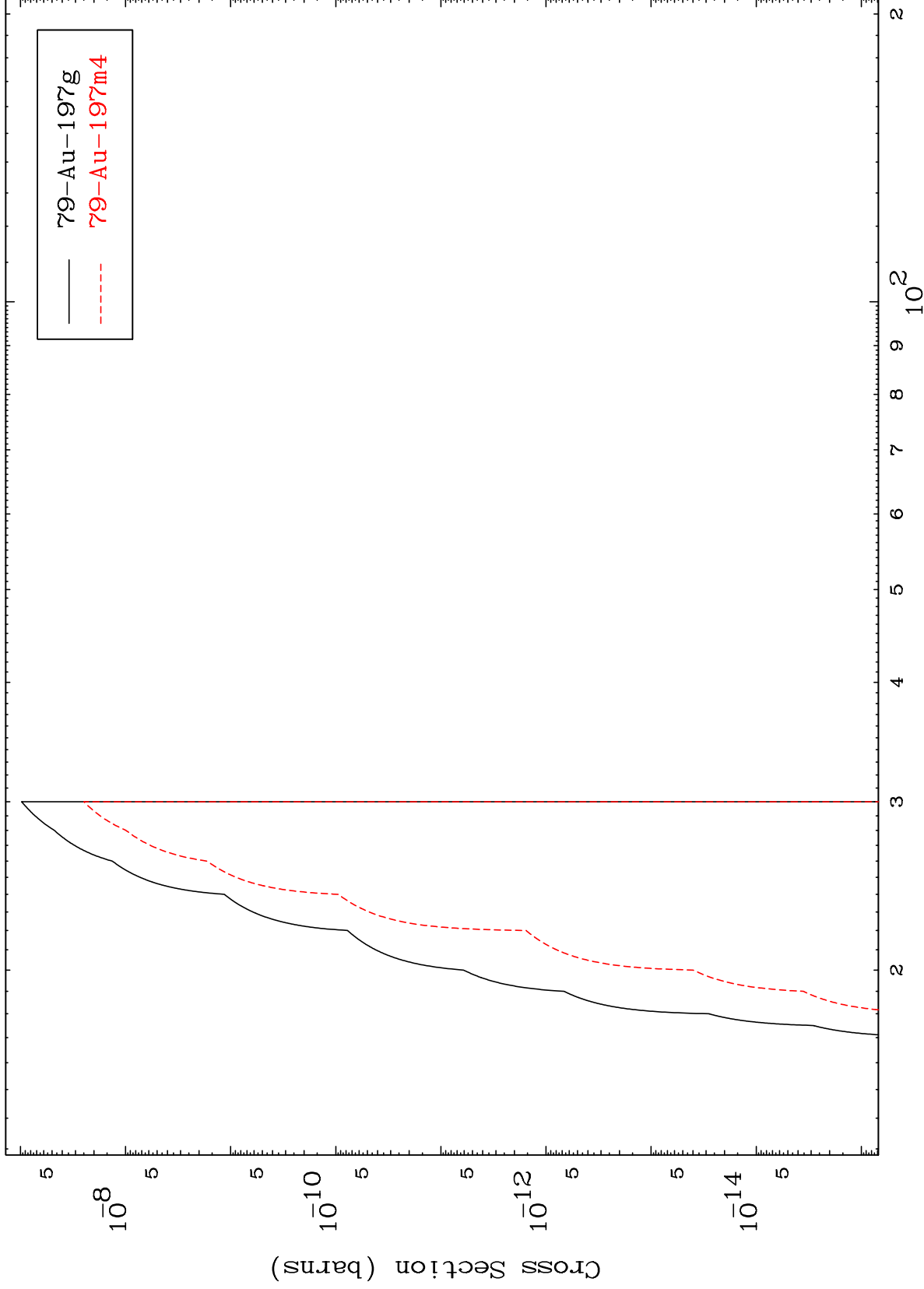
80-Hg-200

MAT 8037

(n, t)

80-Hg-200

Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-200