

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

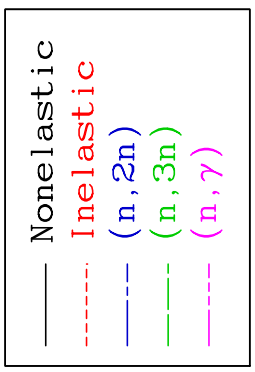
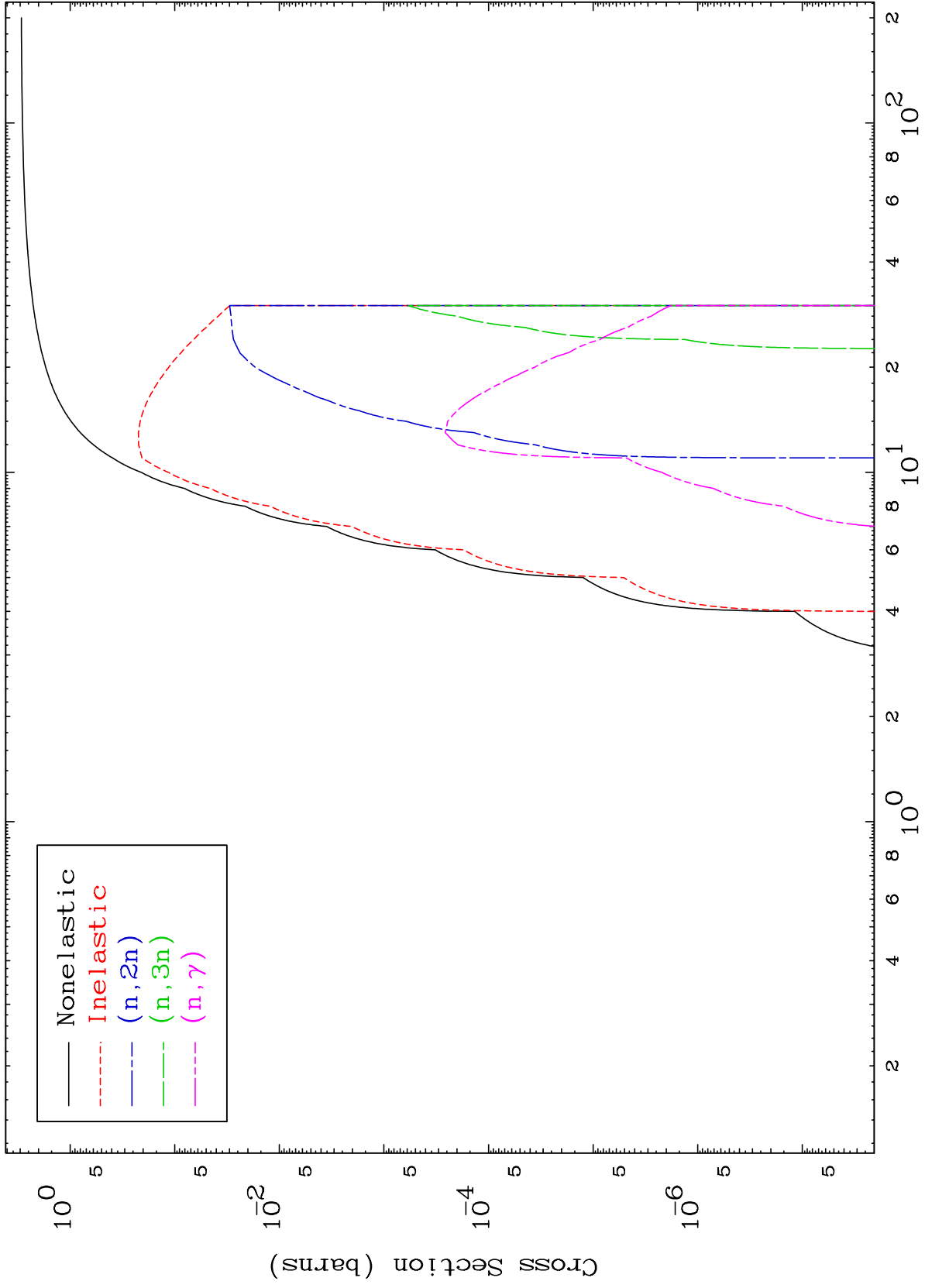
Press Mouse Button to Start

MAT 7980

Deuteron Major

80-Hg-181

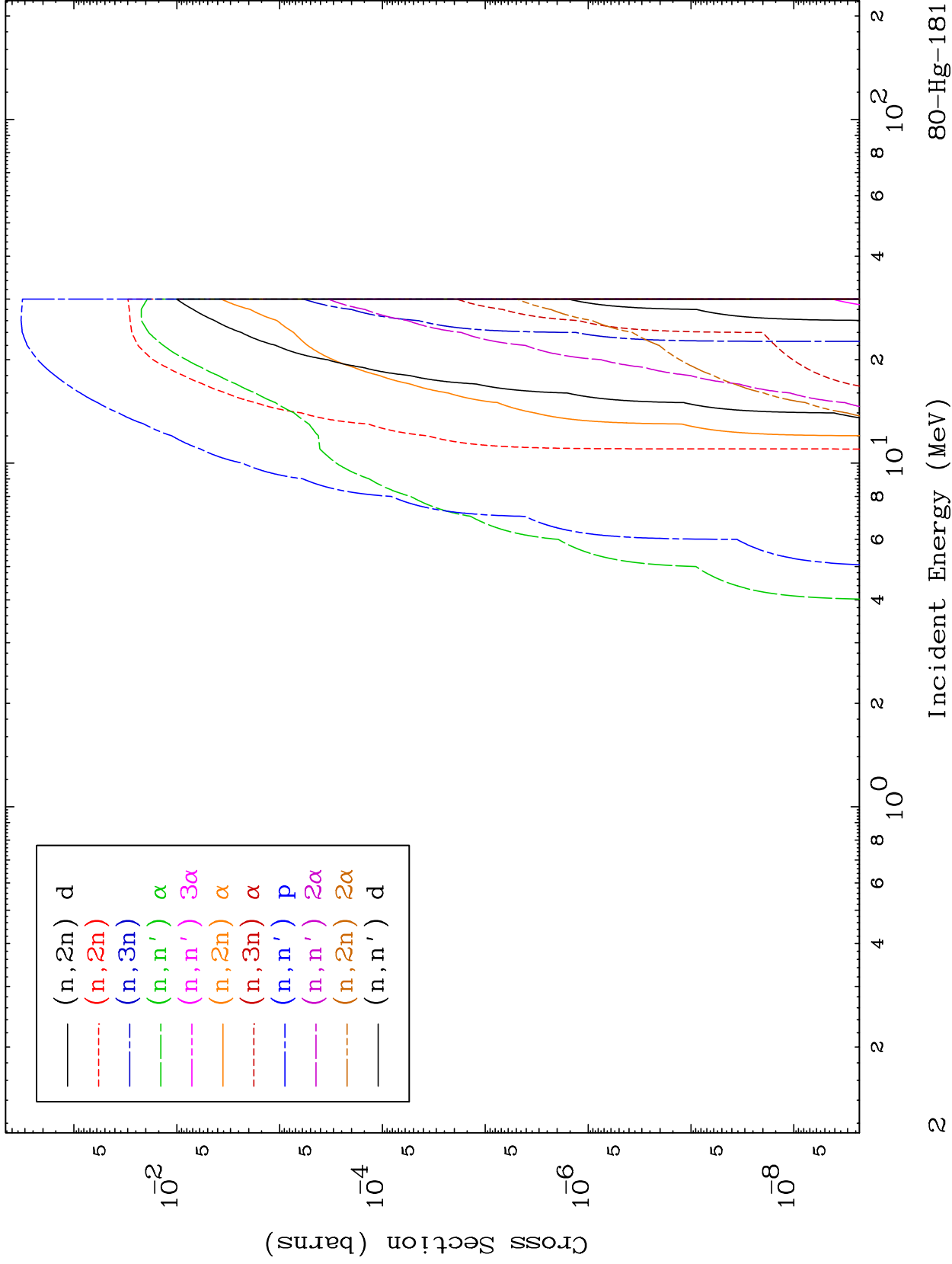
0 Kelvin Cross Sections

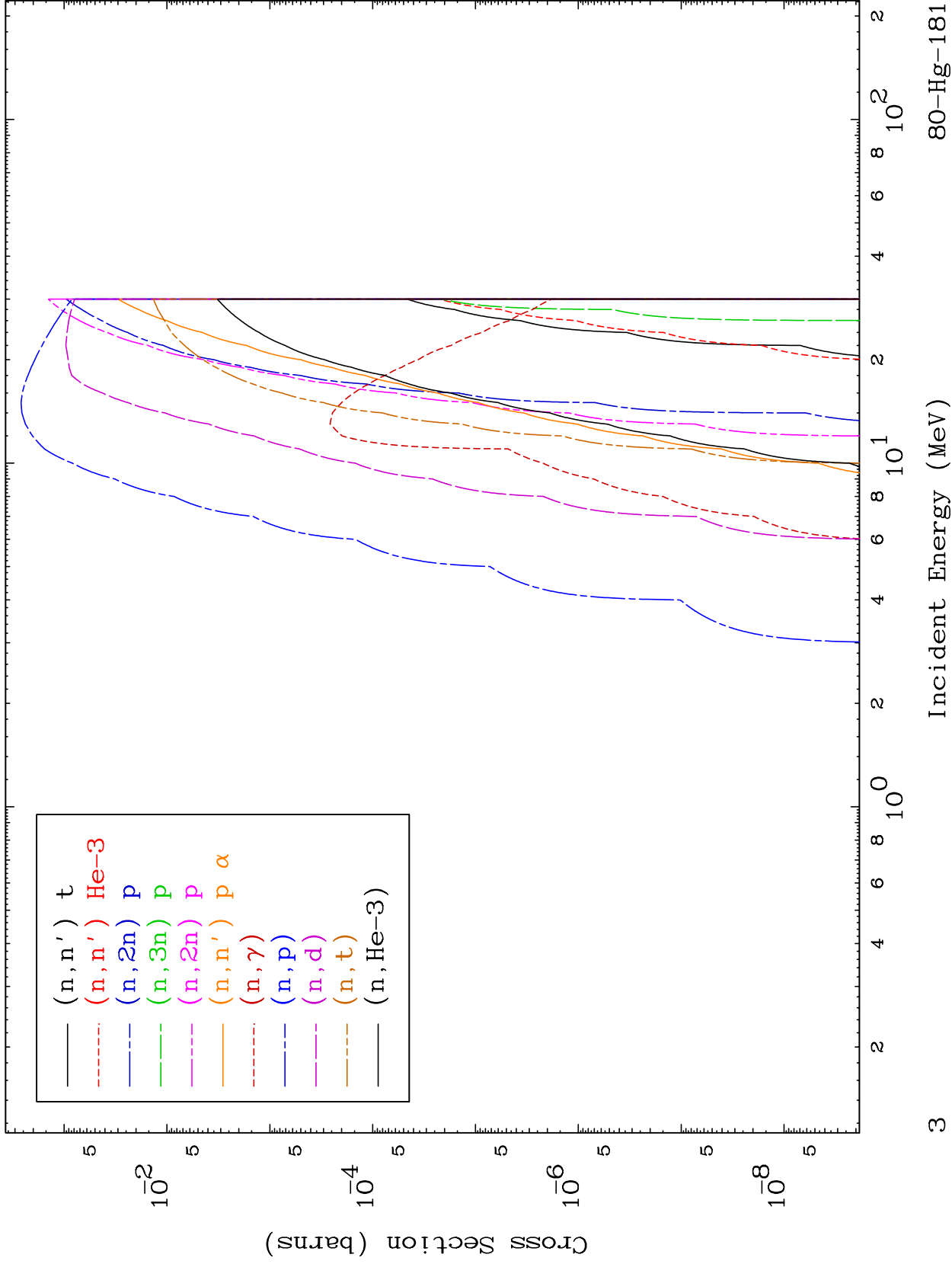


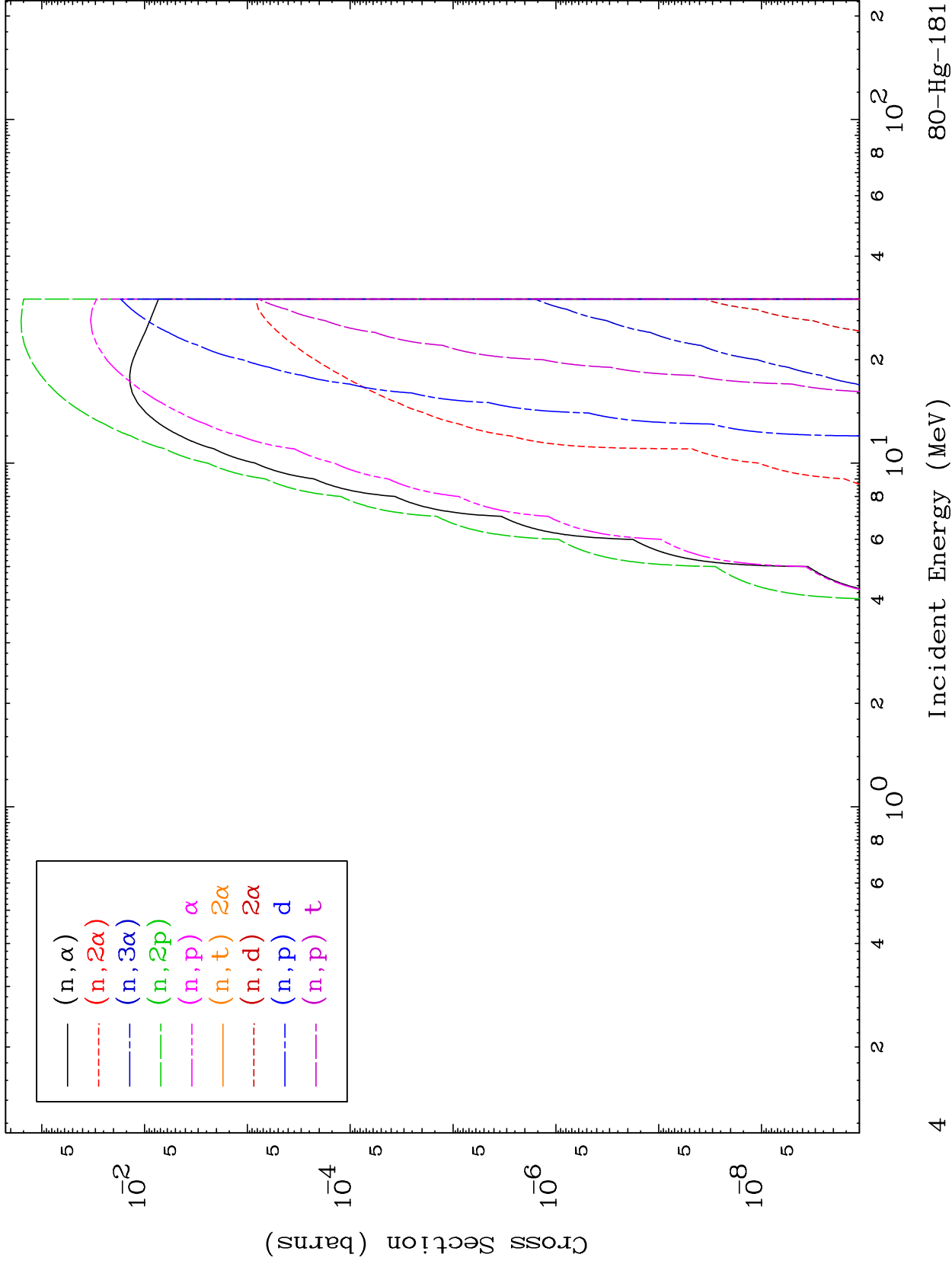
MAT 7980

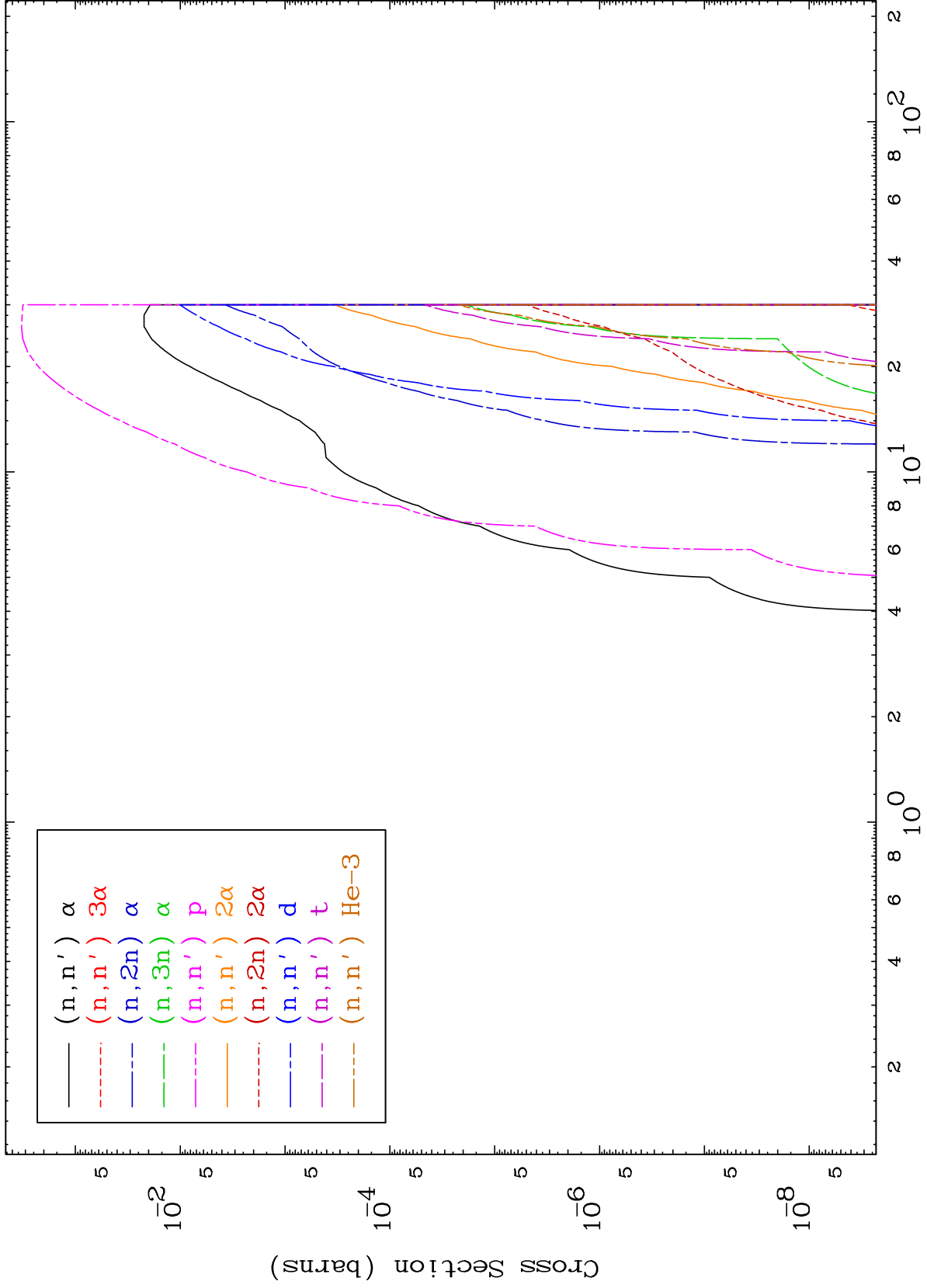
Deuteron Neutron Absorption
0 Kelvin Cross Sections

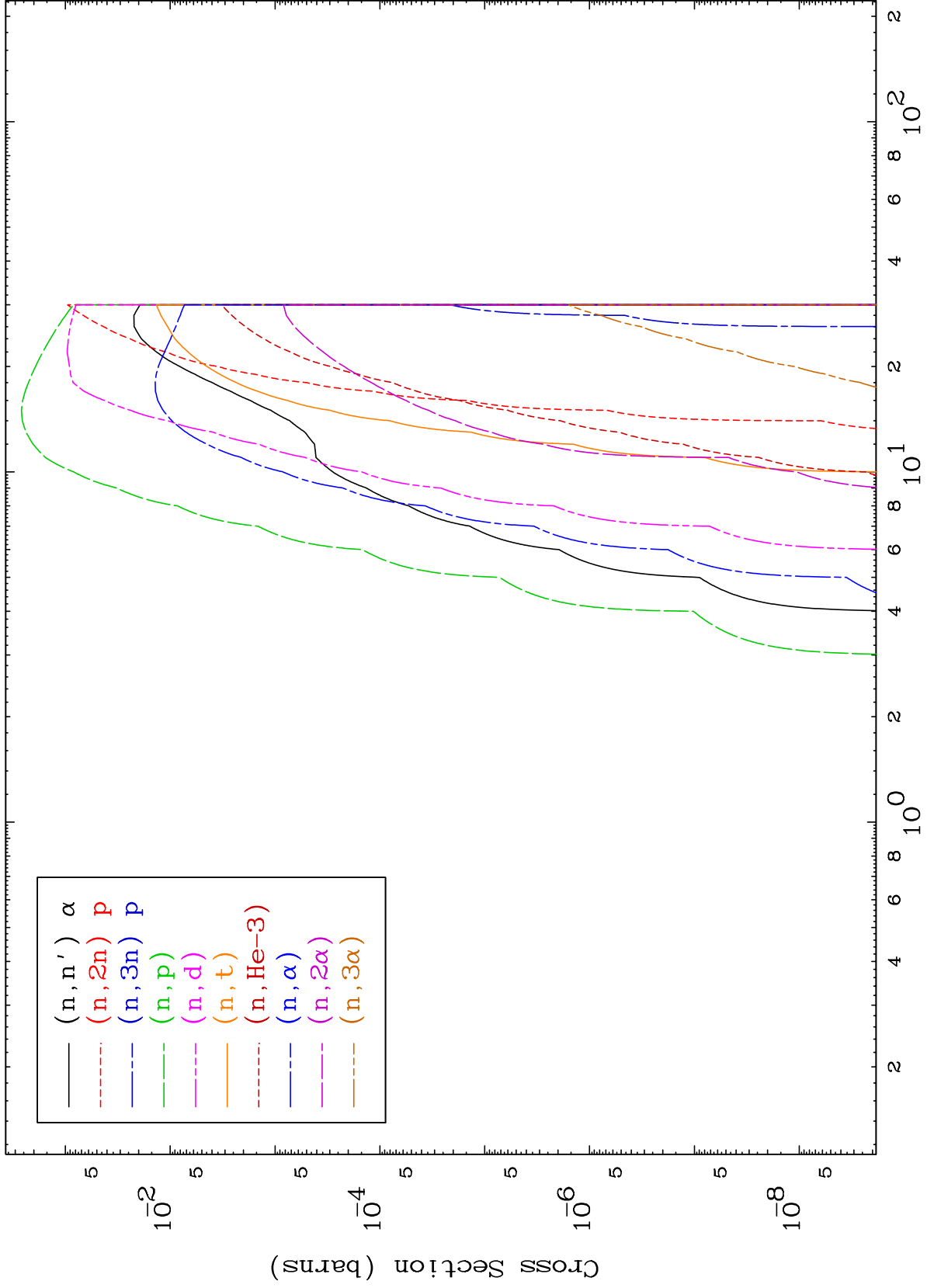
80-Hg-181

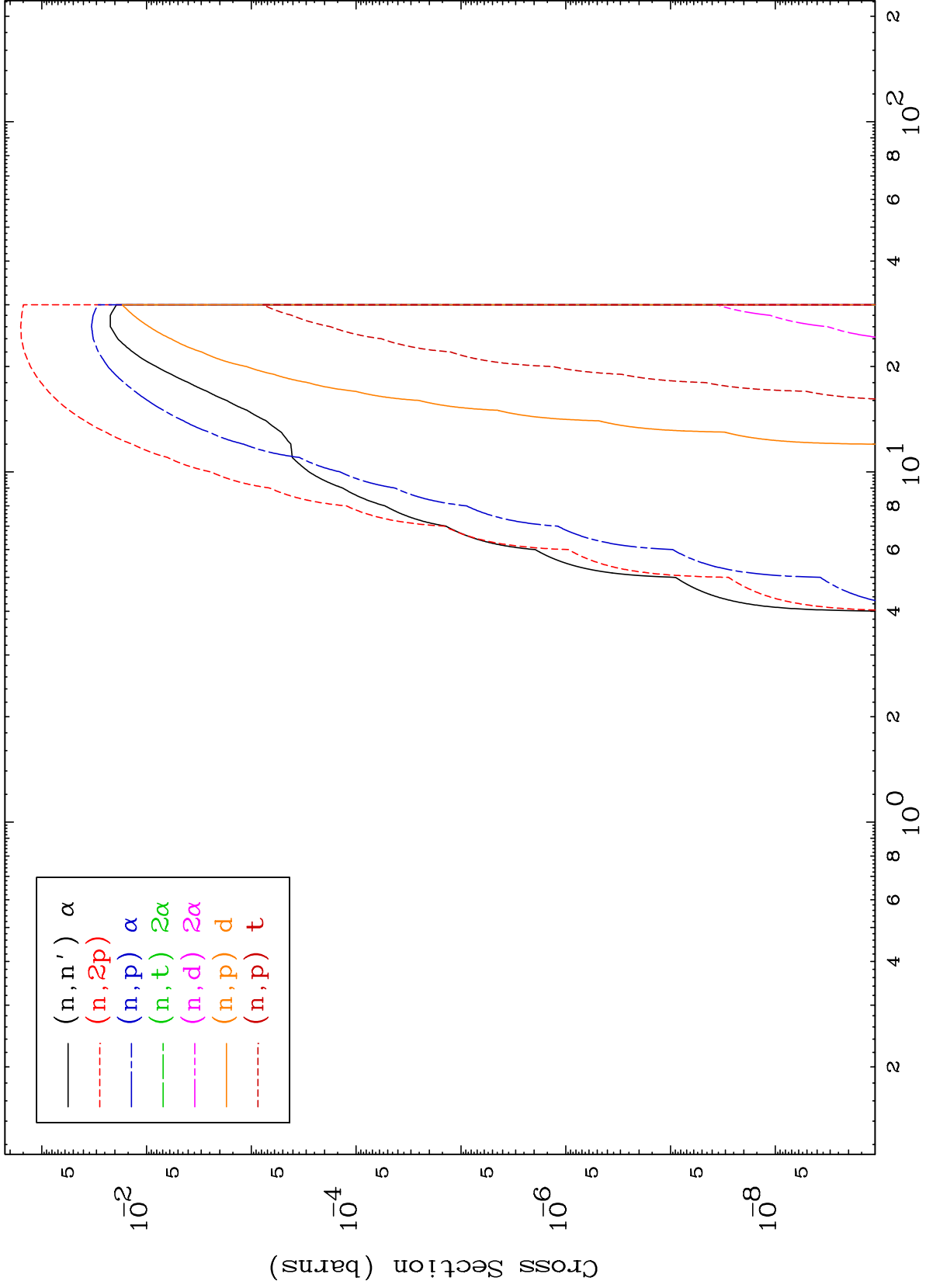








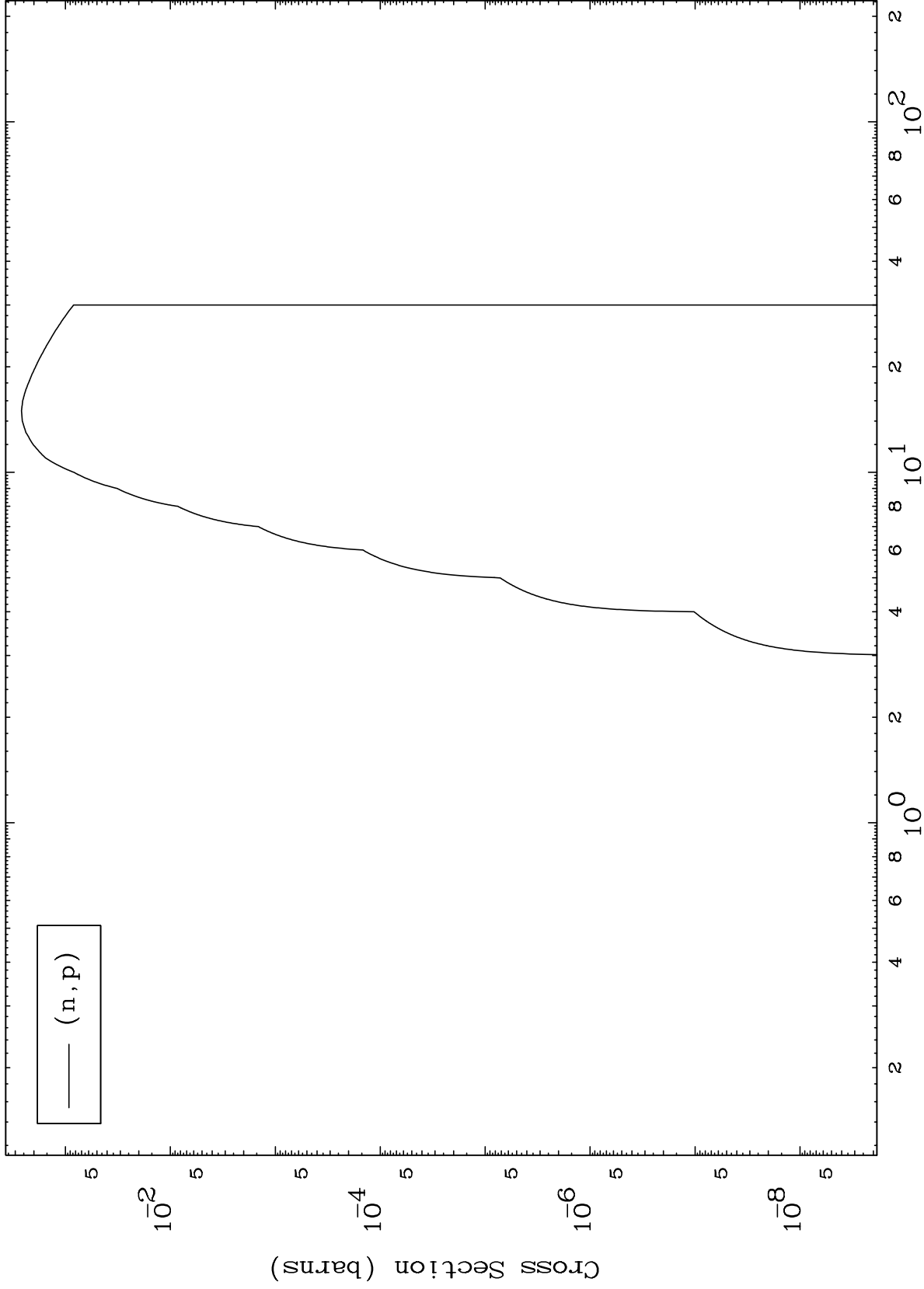




MAT 7980

80-Hg-181

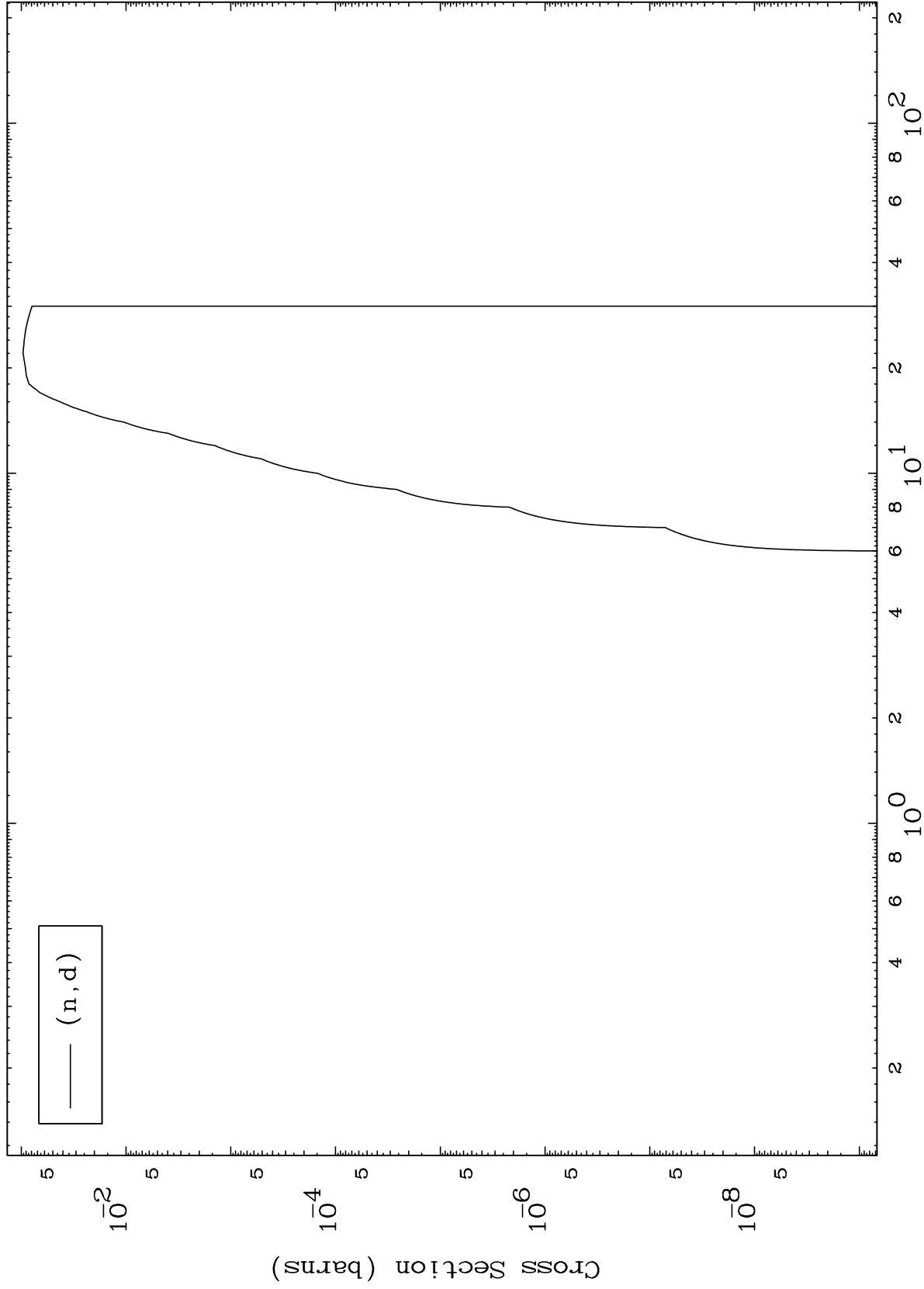
(d,p) Levels
0 Kelvin Cross Sections



MAT 7980

80-Hg-181

(d,d) Levels
0 Kelvin Cross Sections

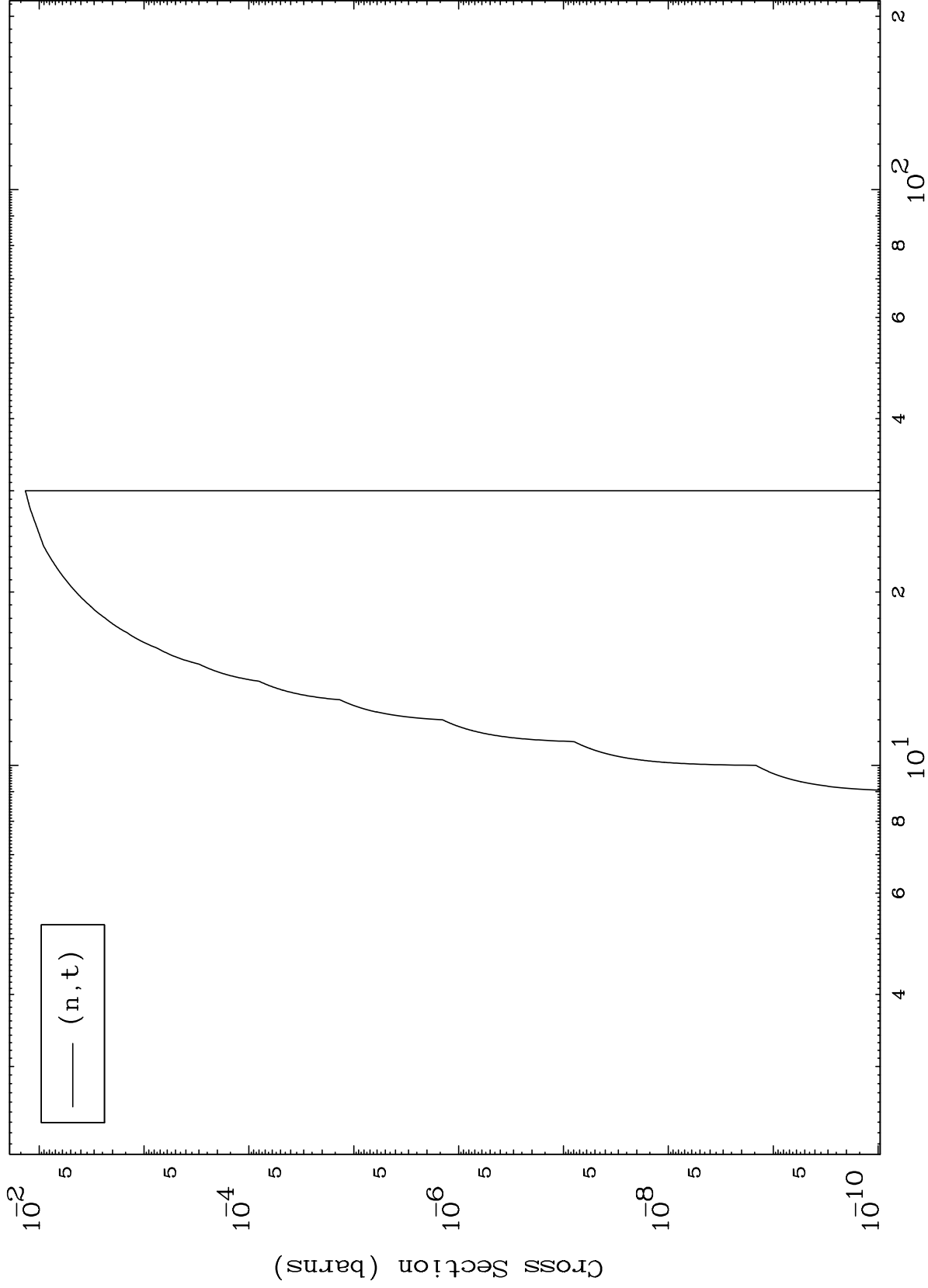


MAT 7980

(d,t) Levels

80-Hg-181

0 Kelvin Cross Sections



10

Incident Energy (MeV)

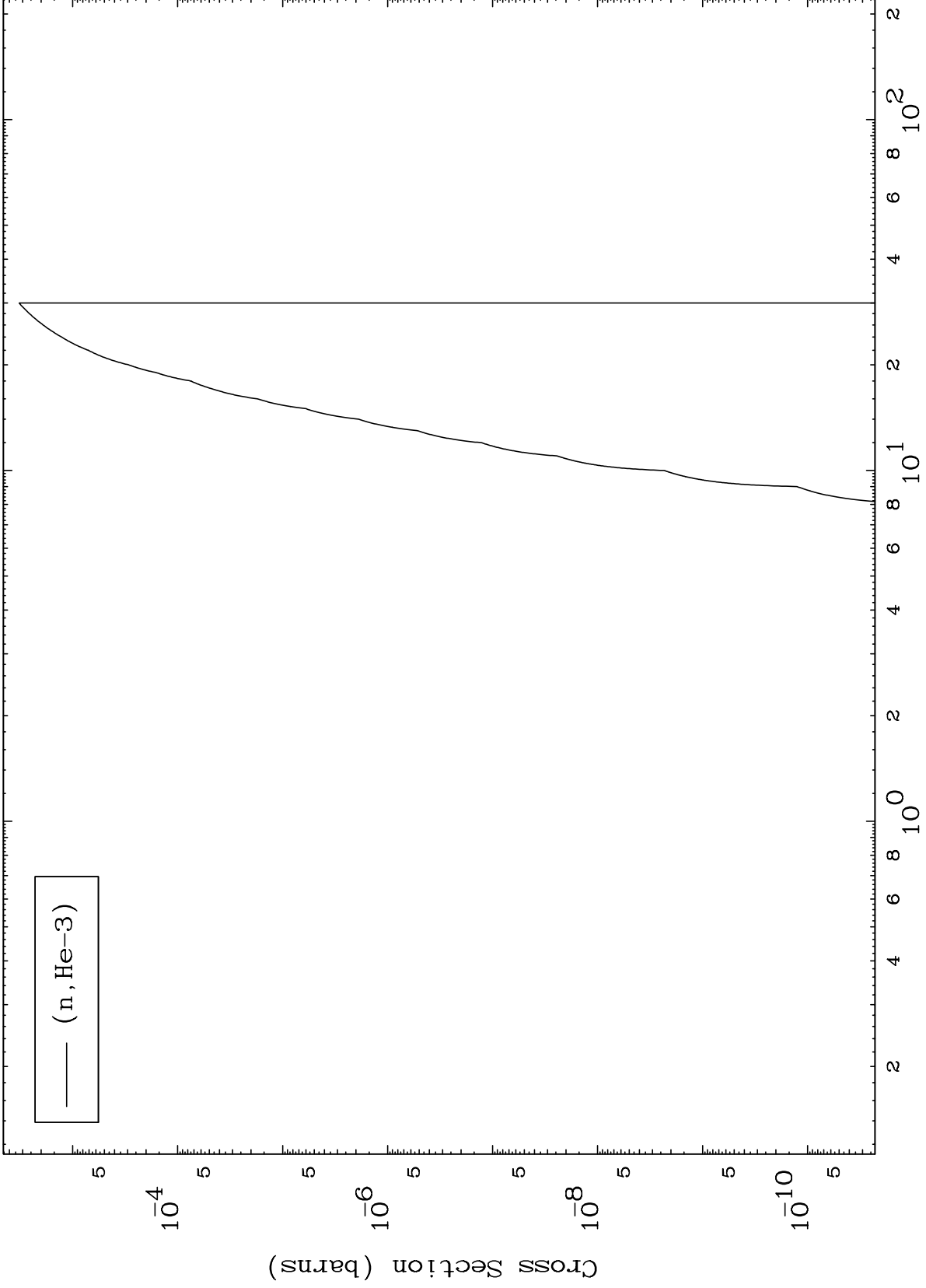
80-Hg-181

MAT 7980

(d,He3) Levels

80-Hg-181

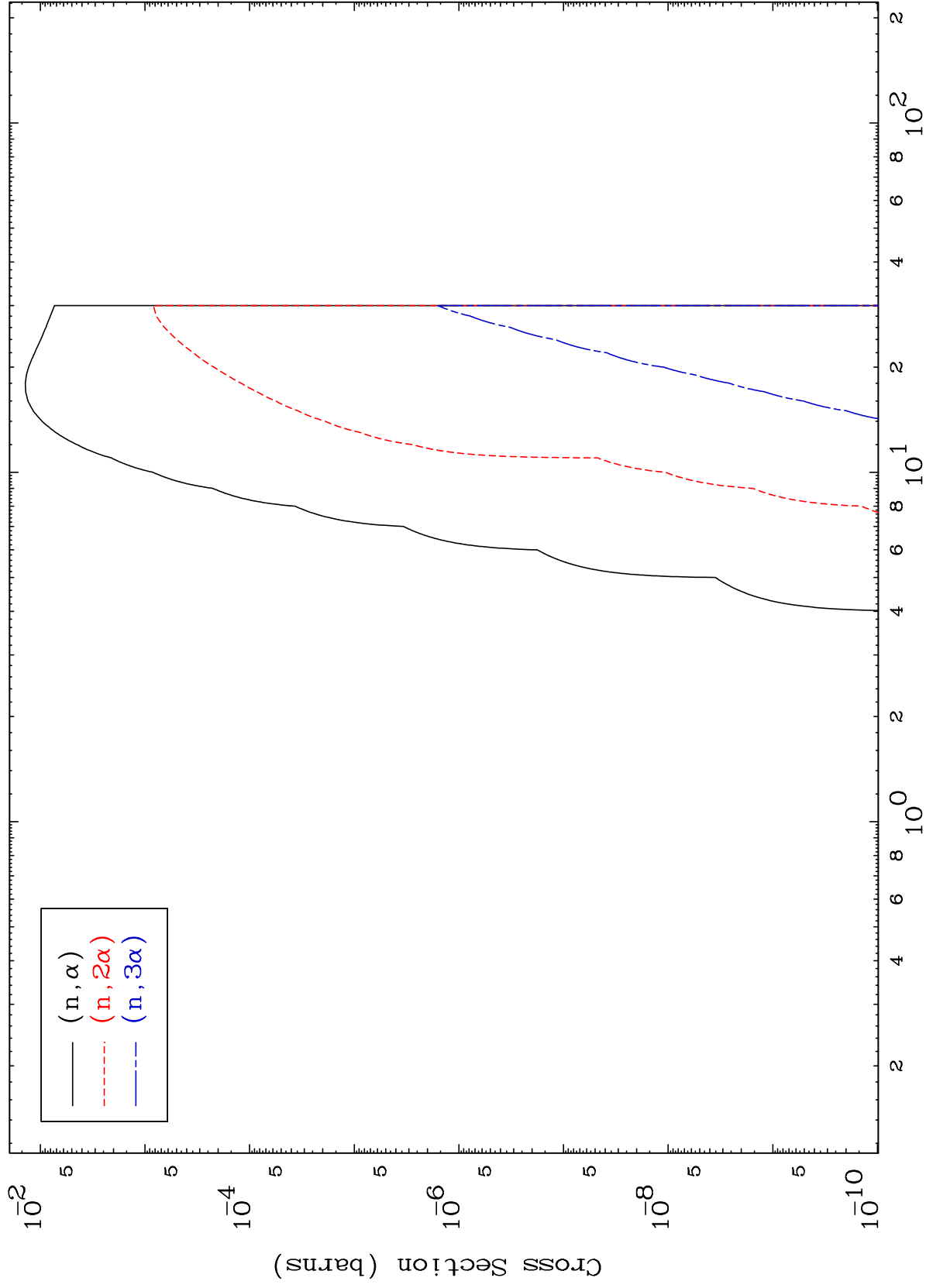
0 Kelvin Cross Sections



MAT 7980

80-Hg-181

(d, α) Levels
0 Kelvin Cross Sections



80-Hg-181

Incident Energy (MeV)

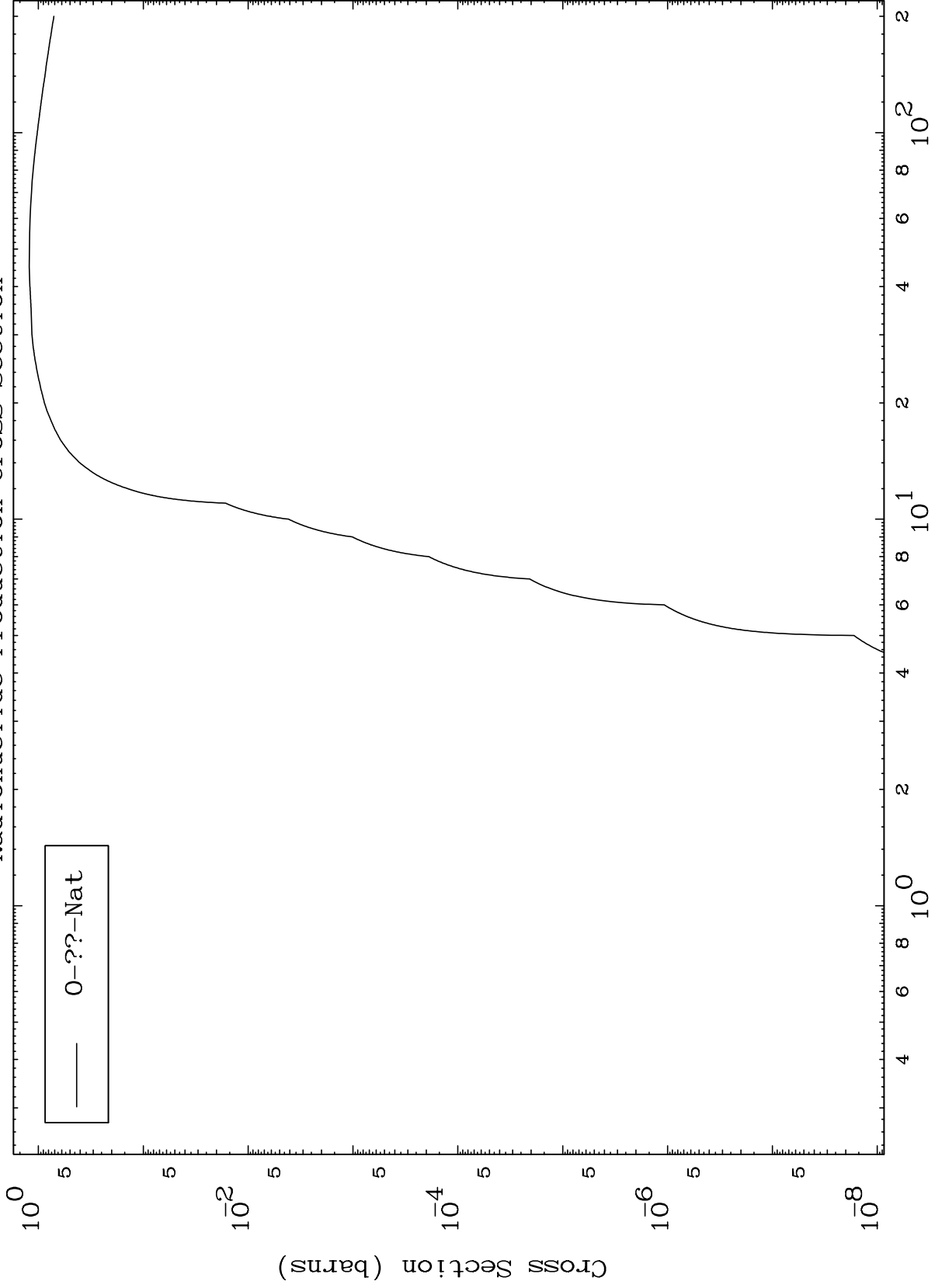
12

MAT 7980

Fission

80-Hg-181

Radionuclide Production Cross Section



13

Incident Energy (MeV)

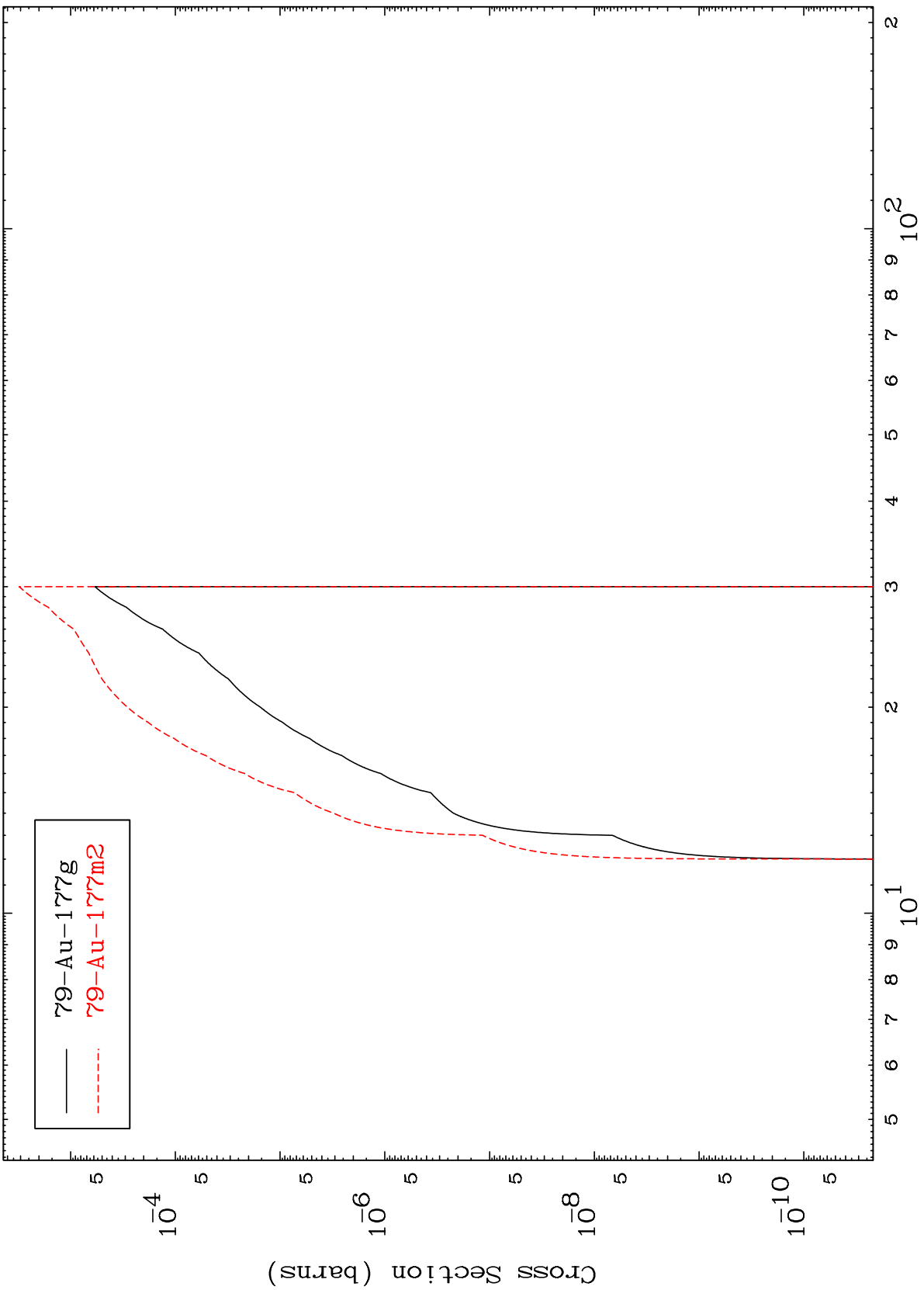
80-Hg-181

MAT 7980

$(n,2n) \alpha$

80-Hg-181

Radionuclide Production Cross Section



79-Au-177g
79-Au-177m2

14

Incident Energy (MeV)

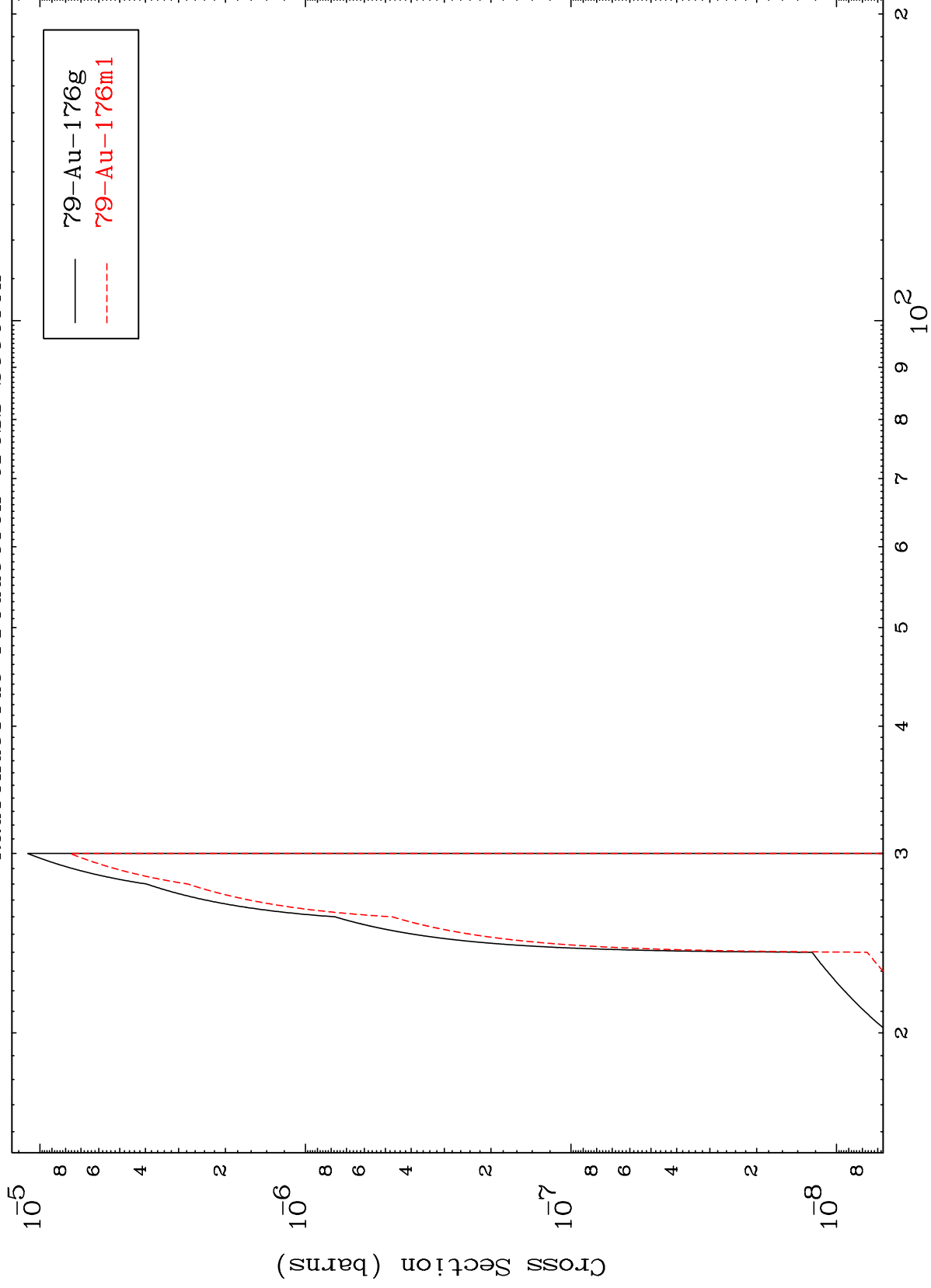
80-Hg-181

MAT 7980

(n,3n) α

80-Hg-181

Radionuclide Production Cross Section



15

Incident Energy (MeV)

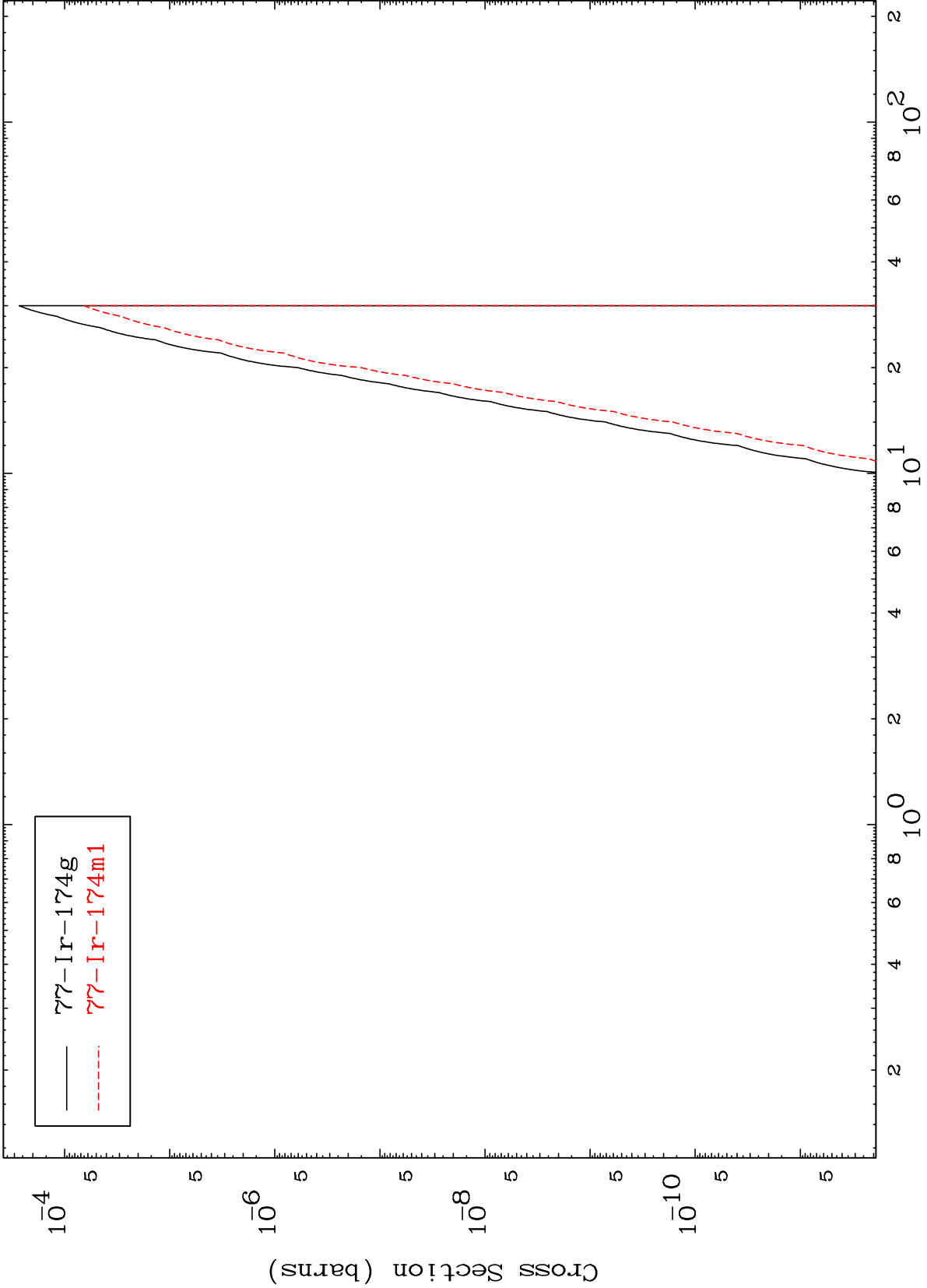
80-Hg-181

MAT 7980

(n,n') 2α

80-Hg-181

Radionuclide Production Cross Section



16

Incident Energy (MeV)

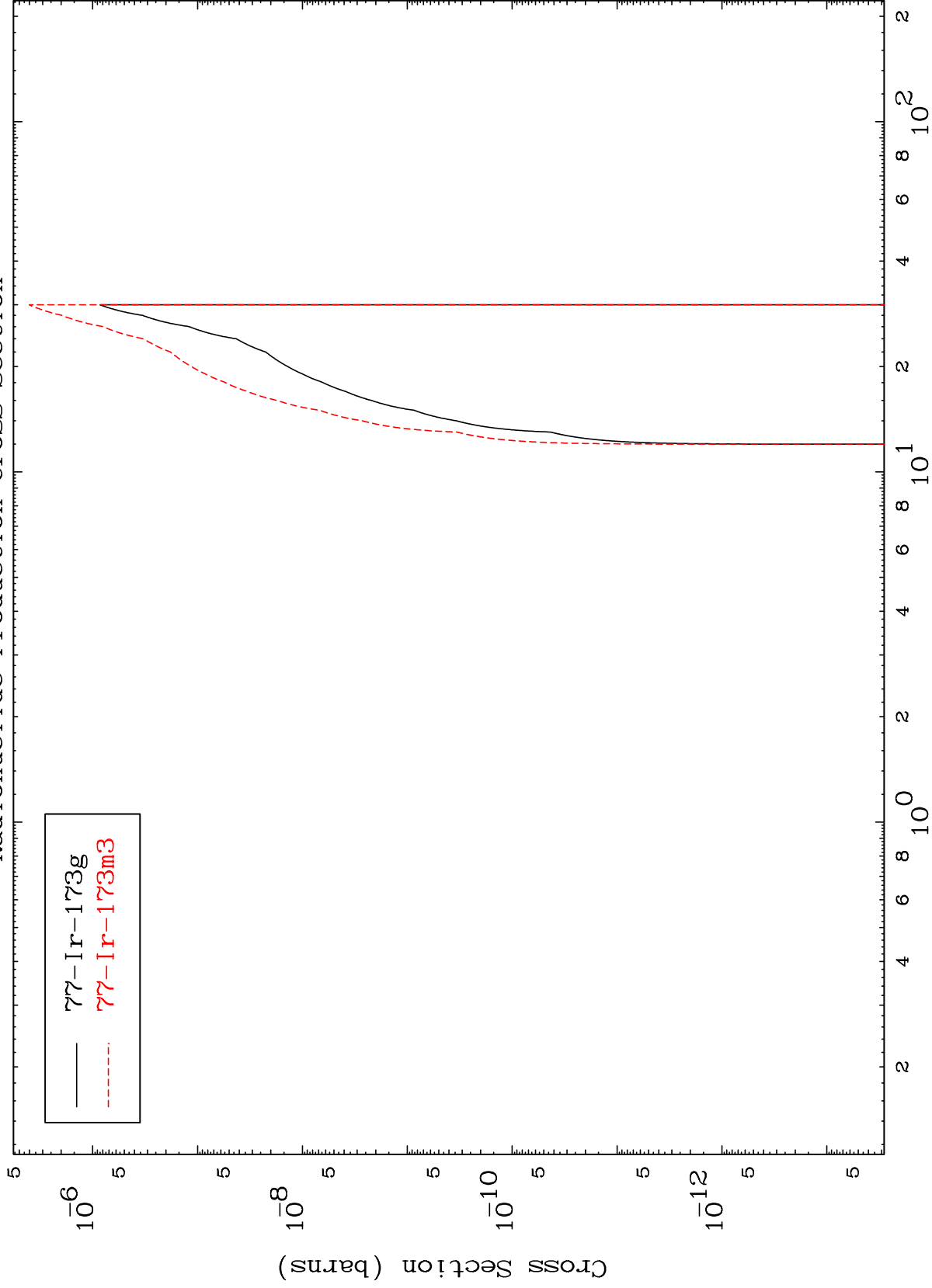
80-Hg-181

MAT 7980

(n,2n) 2α

80-Hg-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

80-Hg-181