

Program EVALPLOT
(Version 2018-1)

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

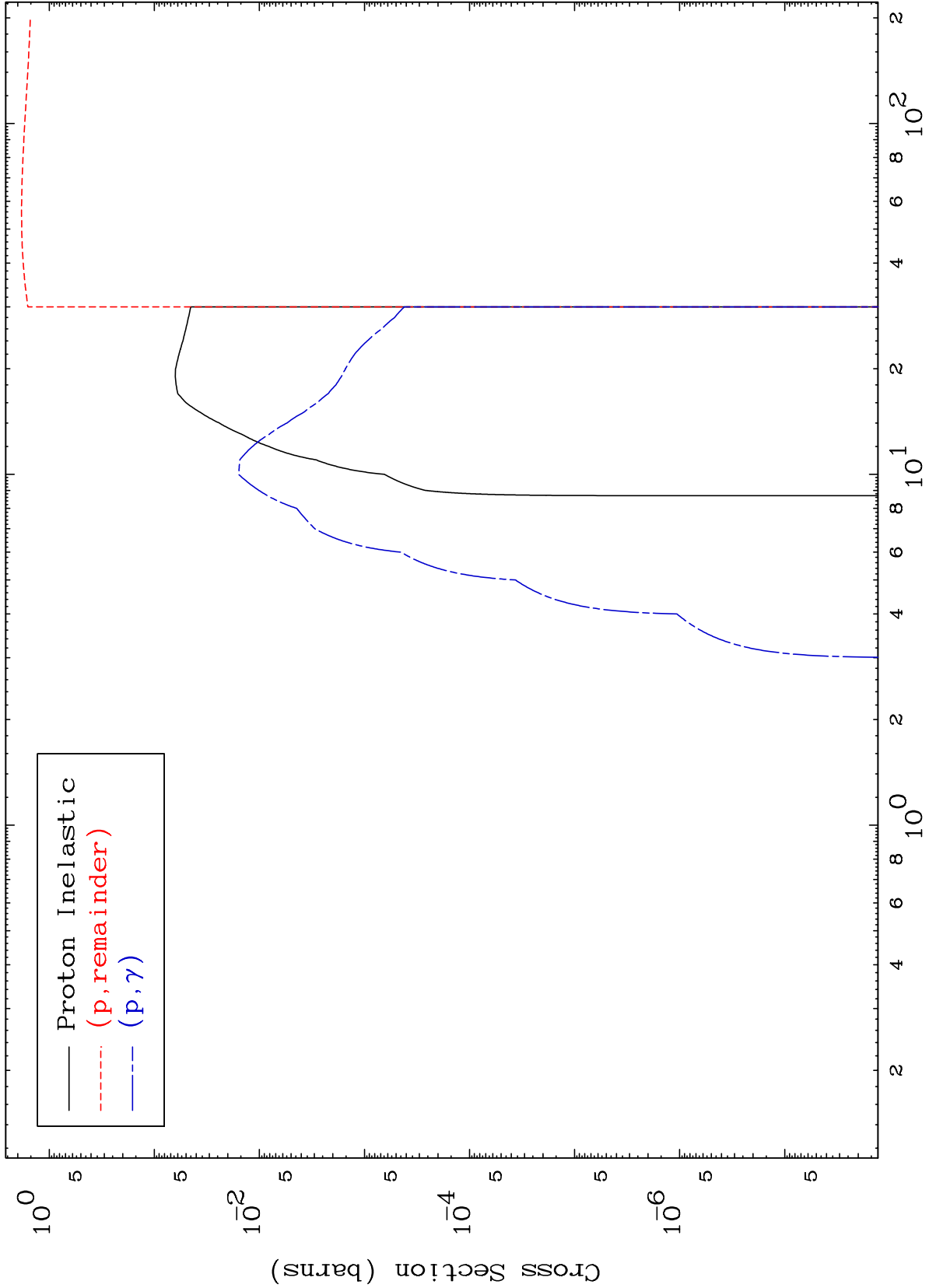
Press Mouse Button to Start

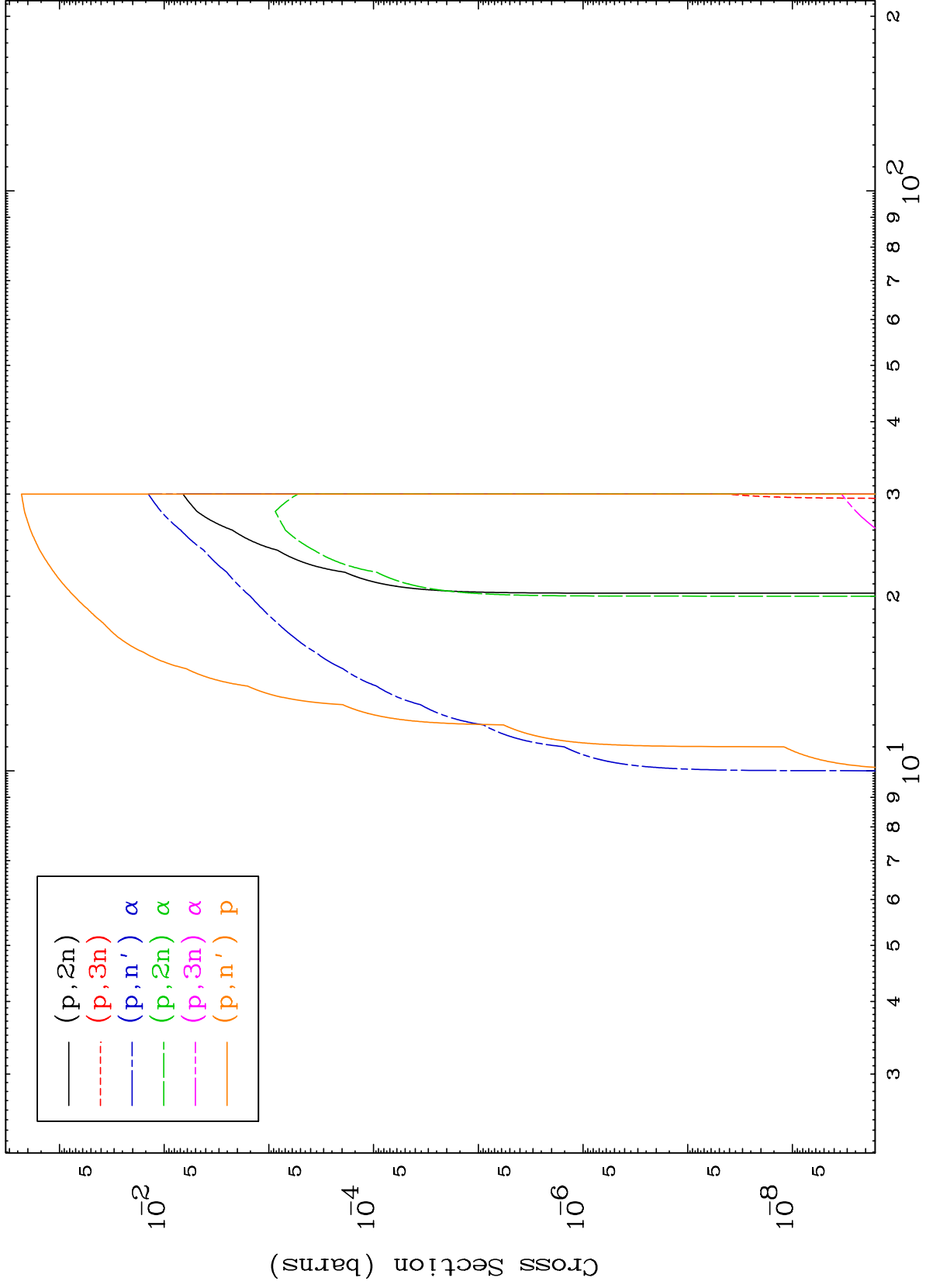
MAT 7980

Proton Major

80-Hg-181

0 Kelvin Cross Sections

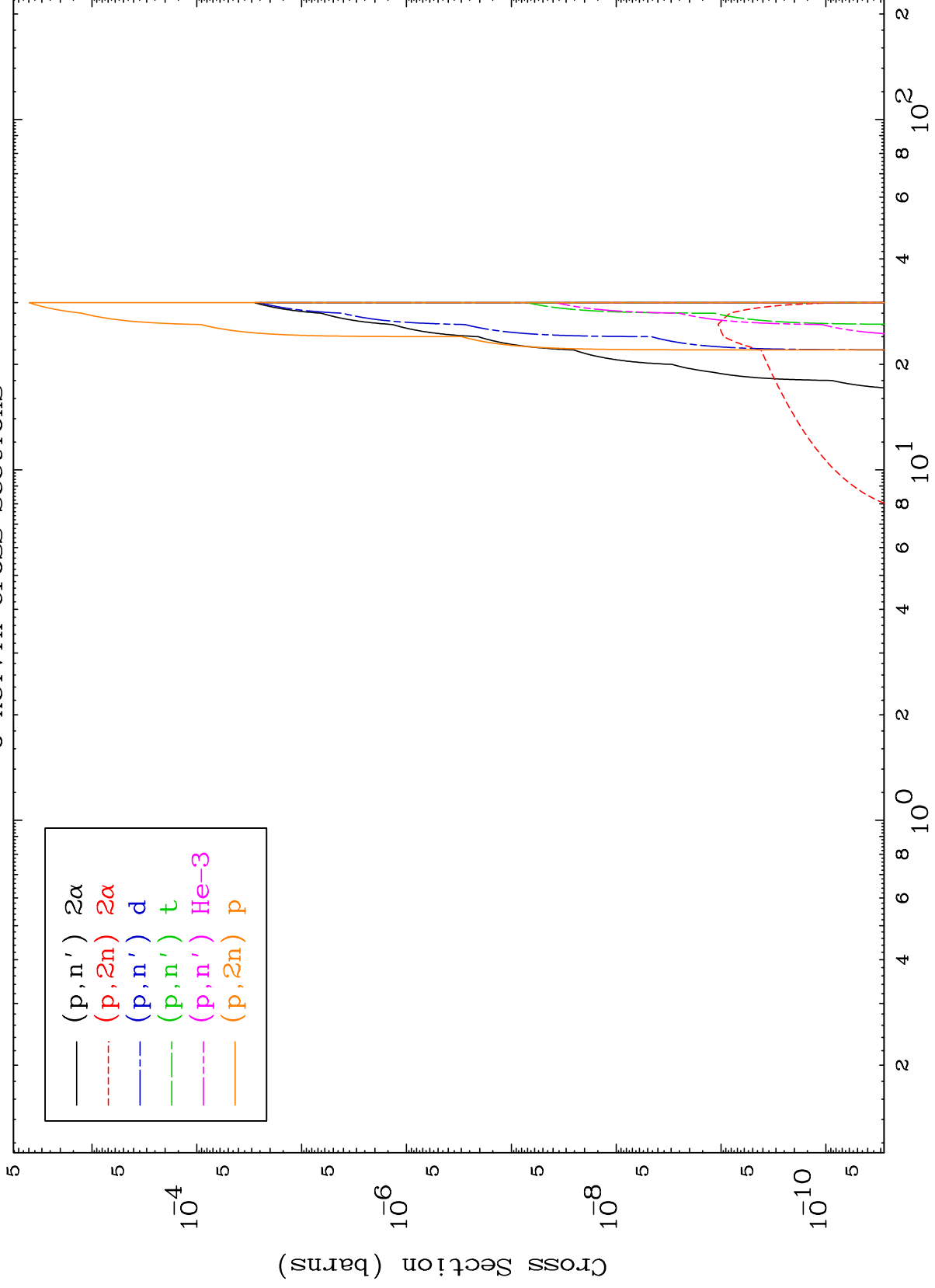




MAT 7980

Proton Neutron Production
0 Kelvin Cross Sections

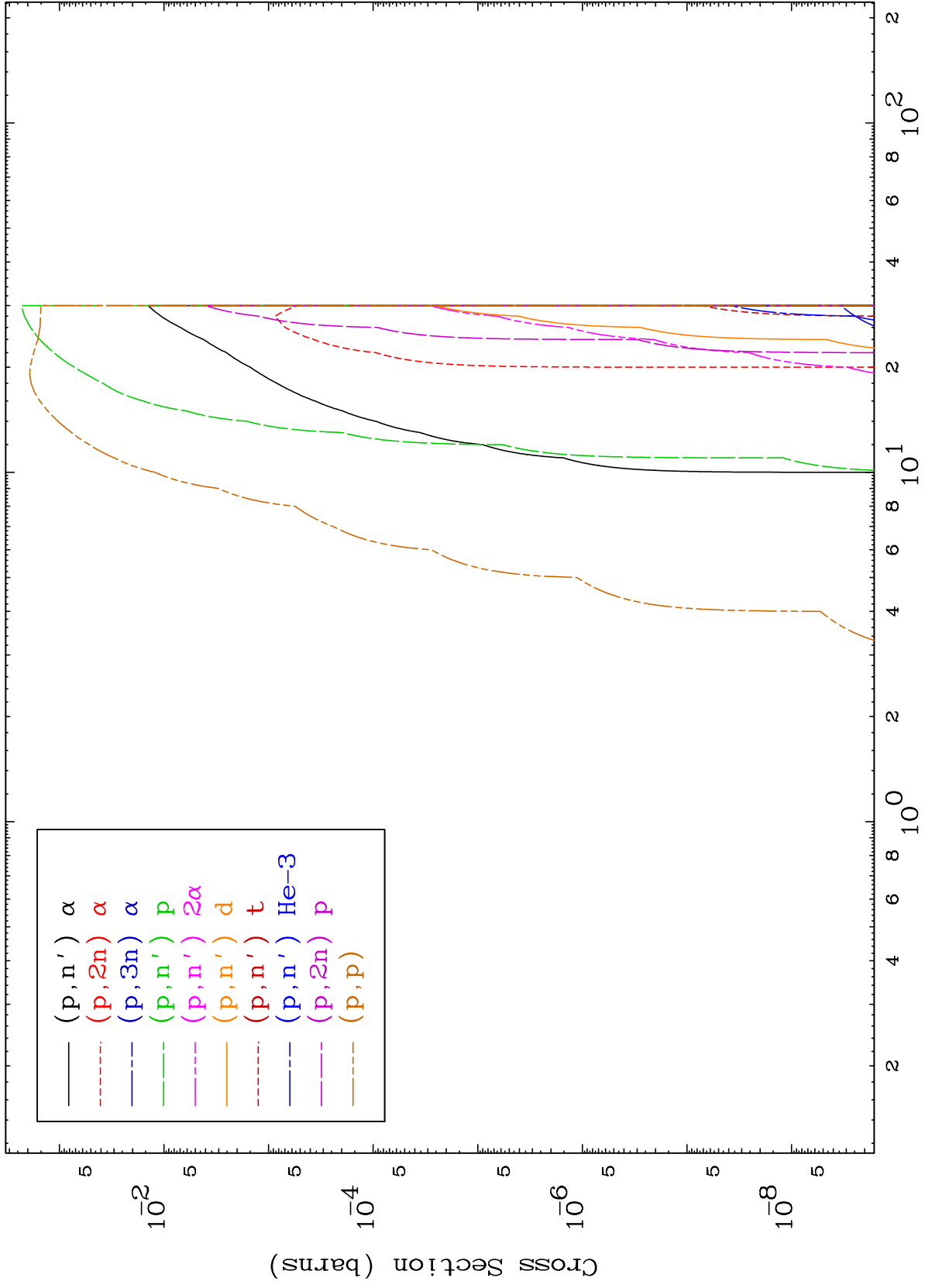
80-Hg-181

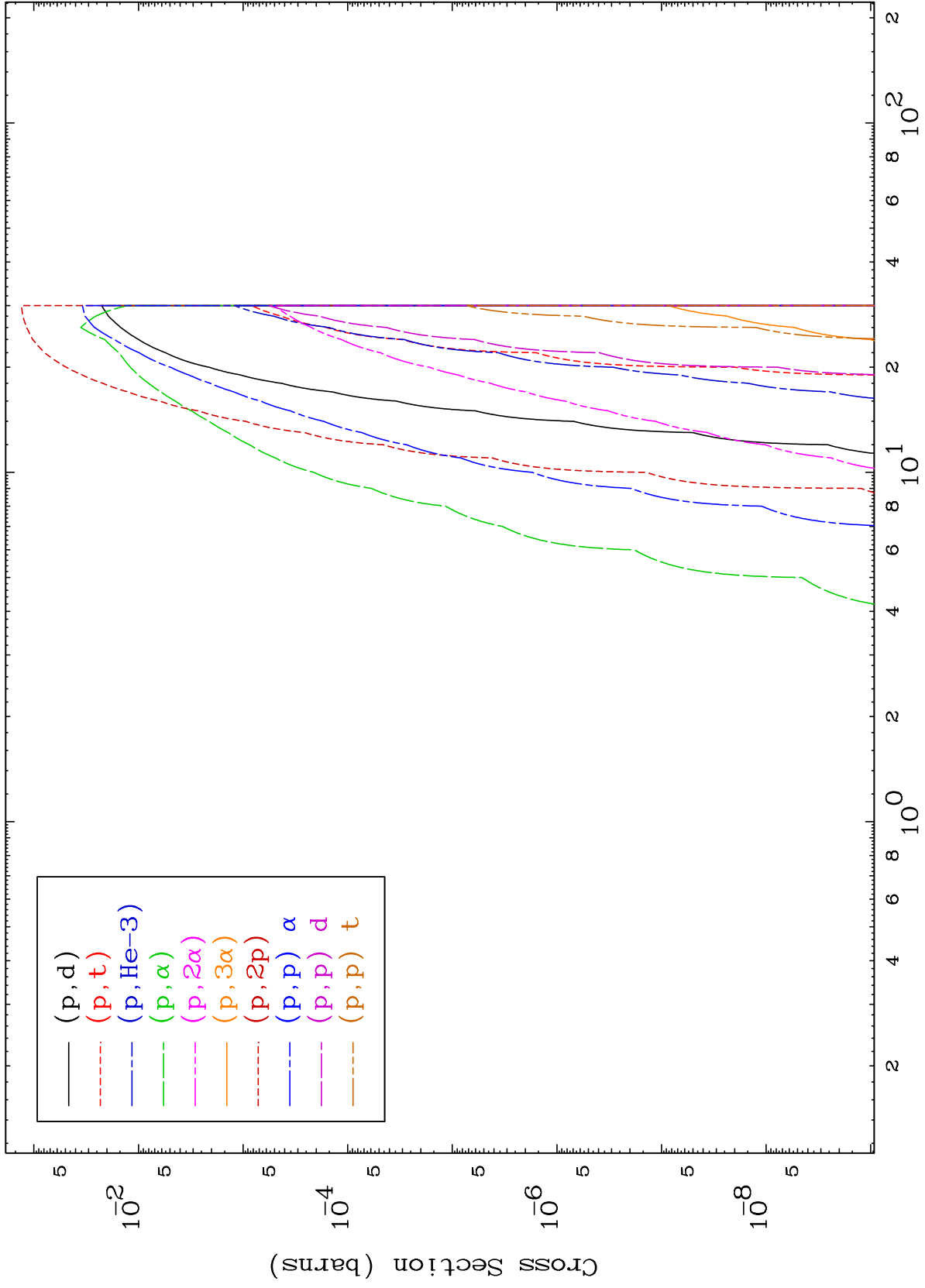


MAT 7980

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-181



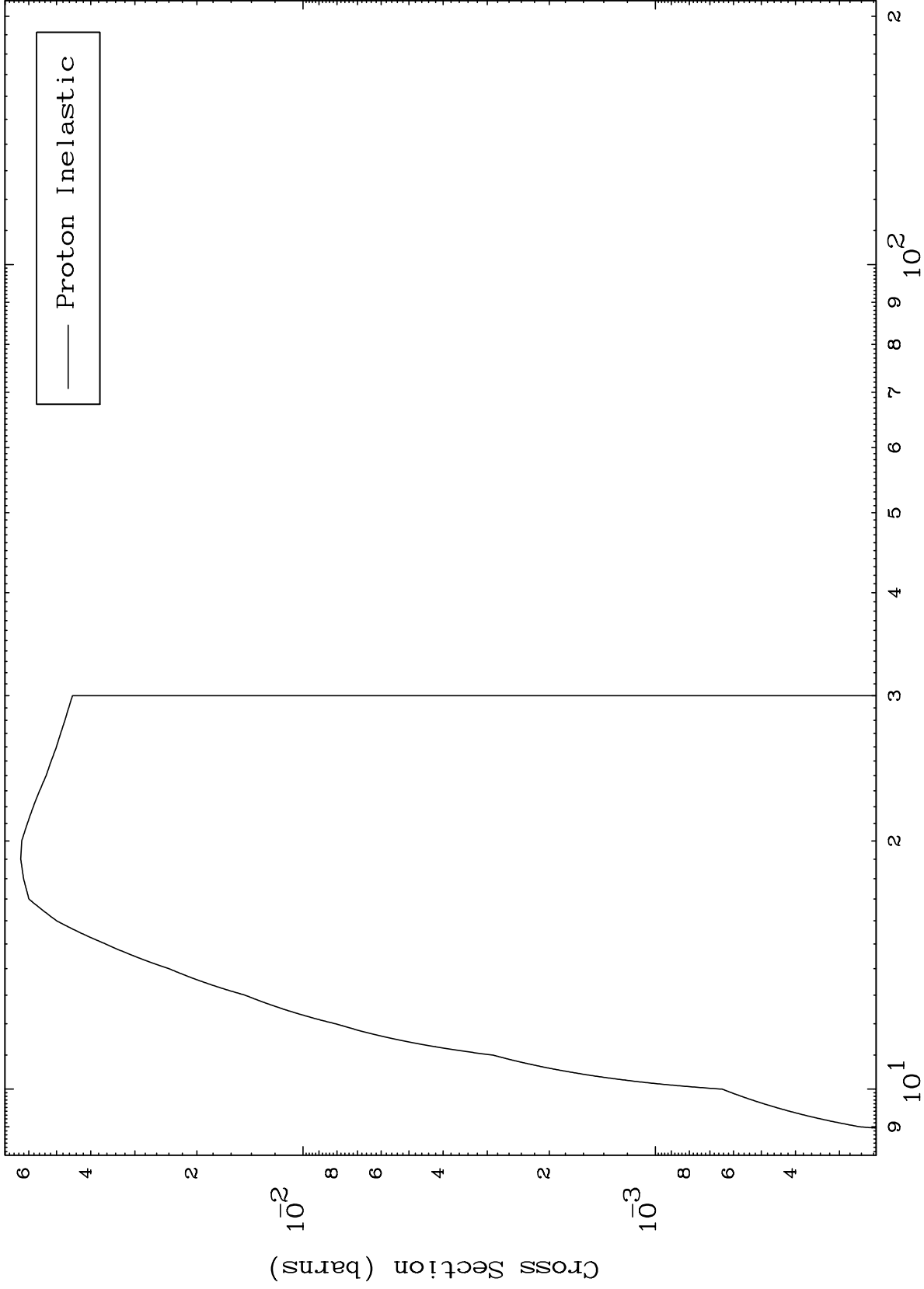


MAT 7980

(p,n') Level

80-Hg-181

0 Kelvin Cross Sections



Proton Inelastic

Incident Energy (MeV)

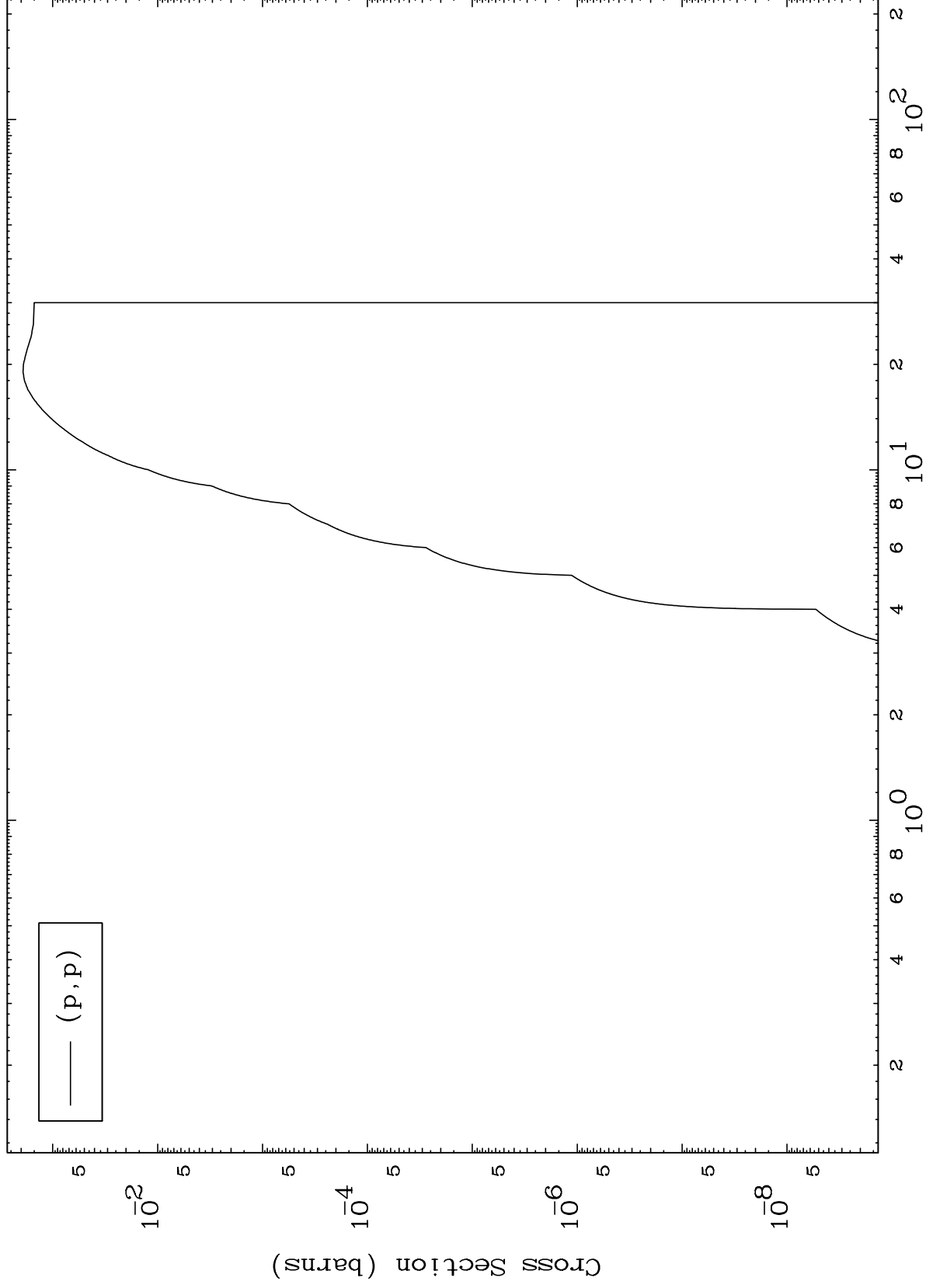
80-Hg-181

6

MAT 7980

80-Hg-181

(p,p) Levels
0 Kelvin Cross Sections



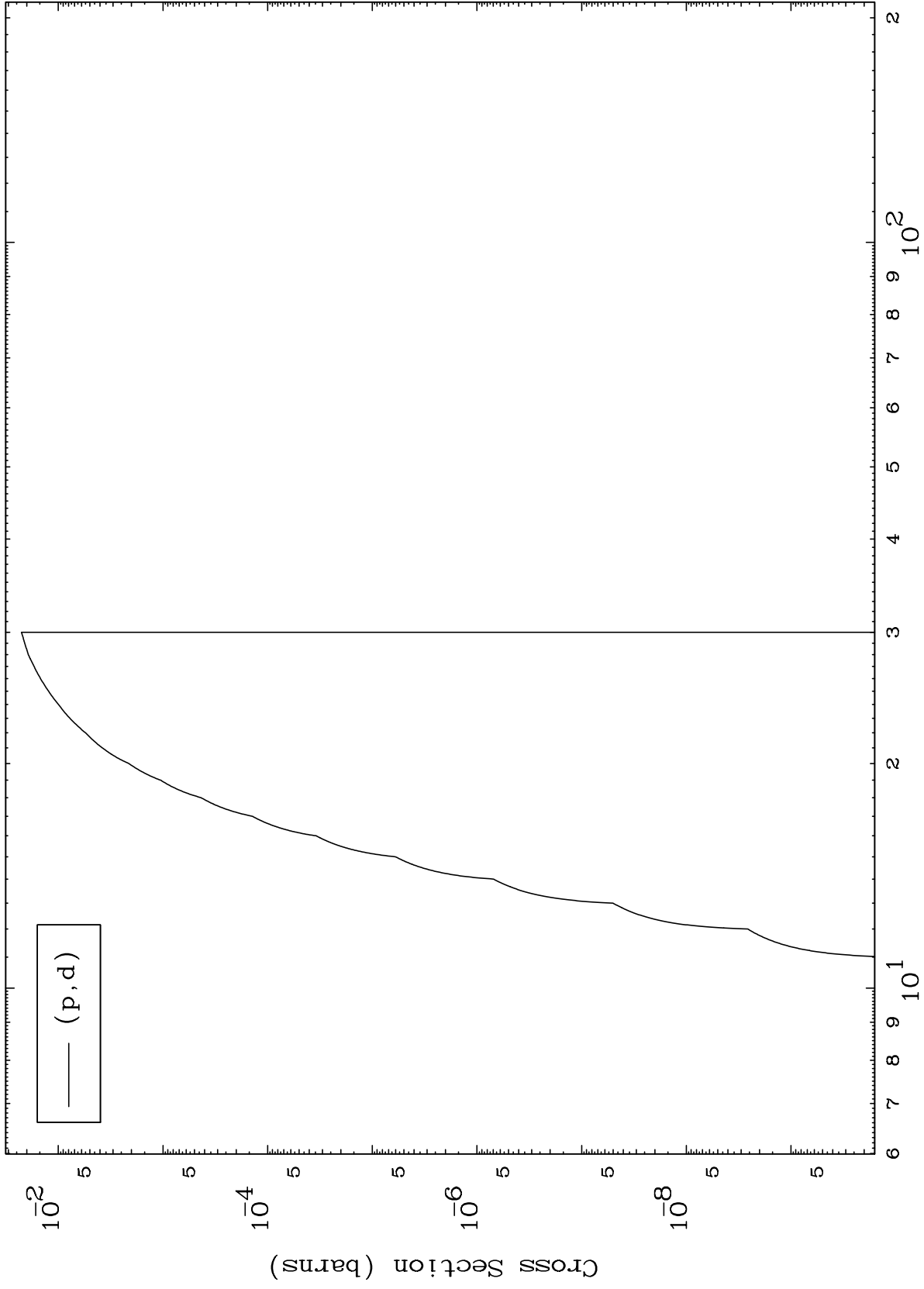
80-Hg-181

Incident Energy (MeV)

MAT 7980

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-181



8

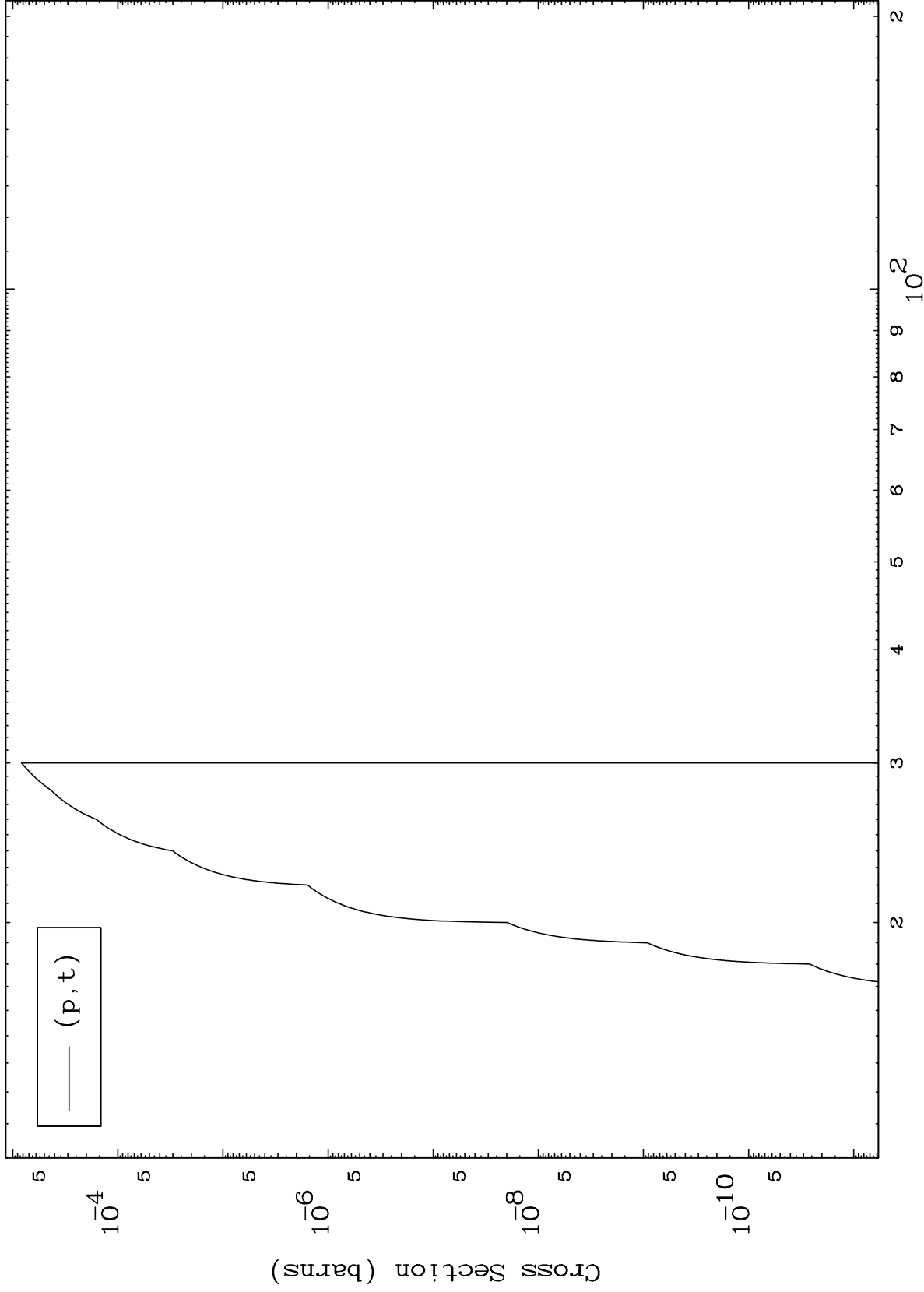
Incident Energy (MeV)

80-Hg-181

MAT 7980

80-Hg-181

(p,t) Levels
0 Kelvin Cross Sections



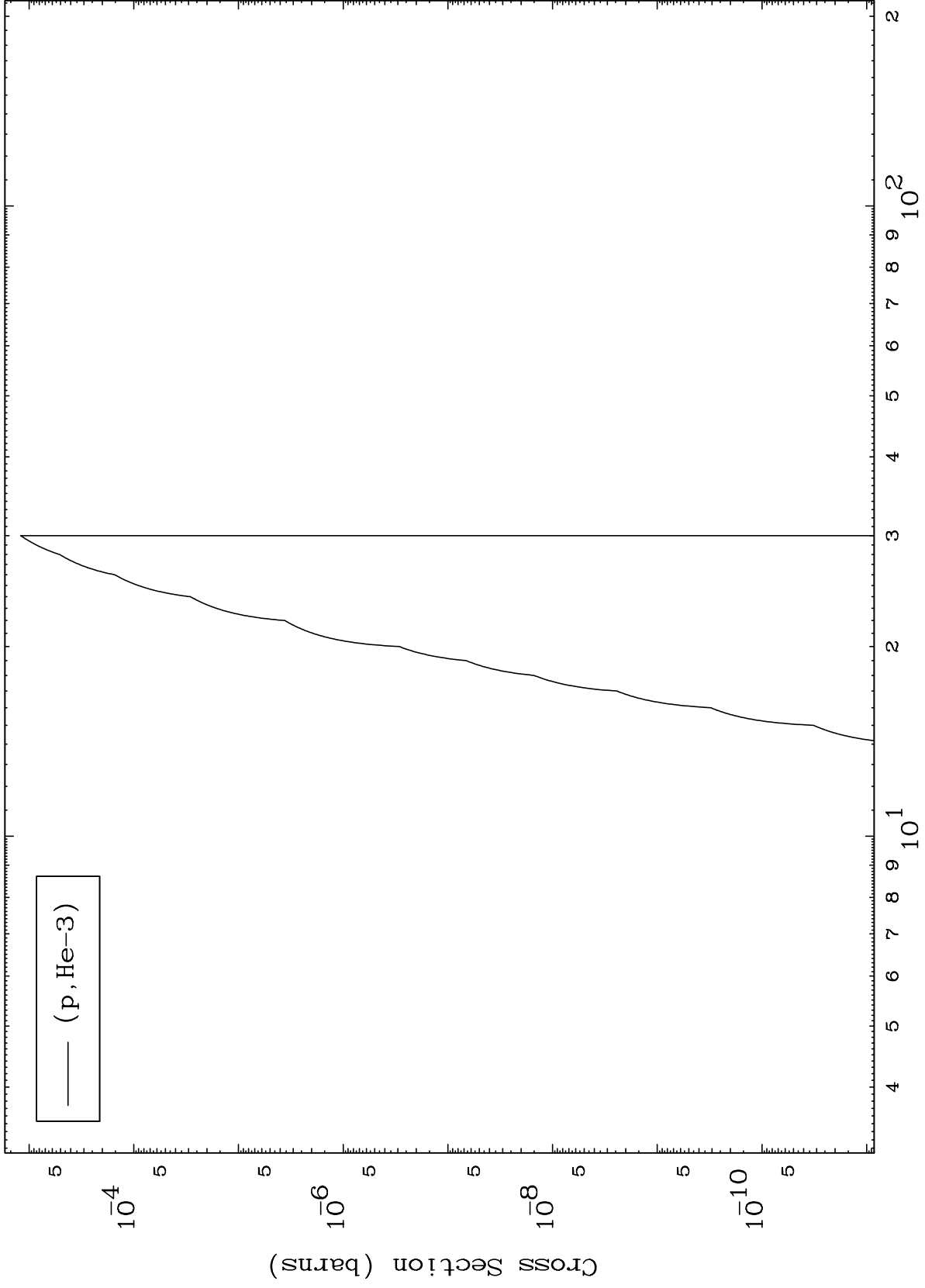
80-Hg-181

Incident Energy (MeV)

MAT 7980

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-181



10

Incident Energy (MeV)

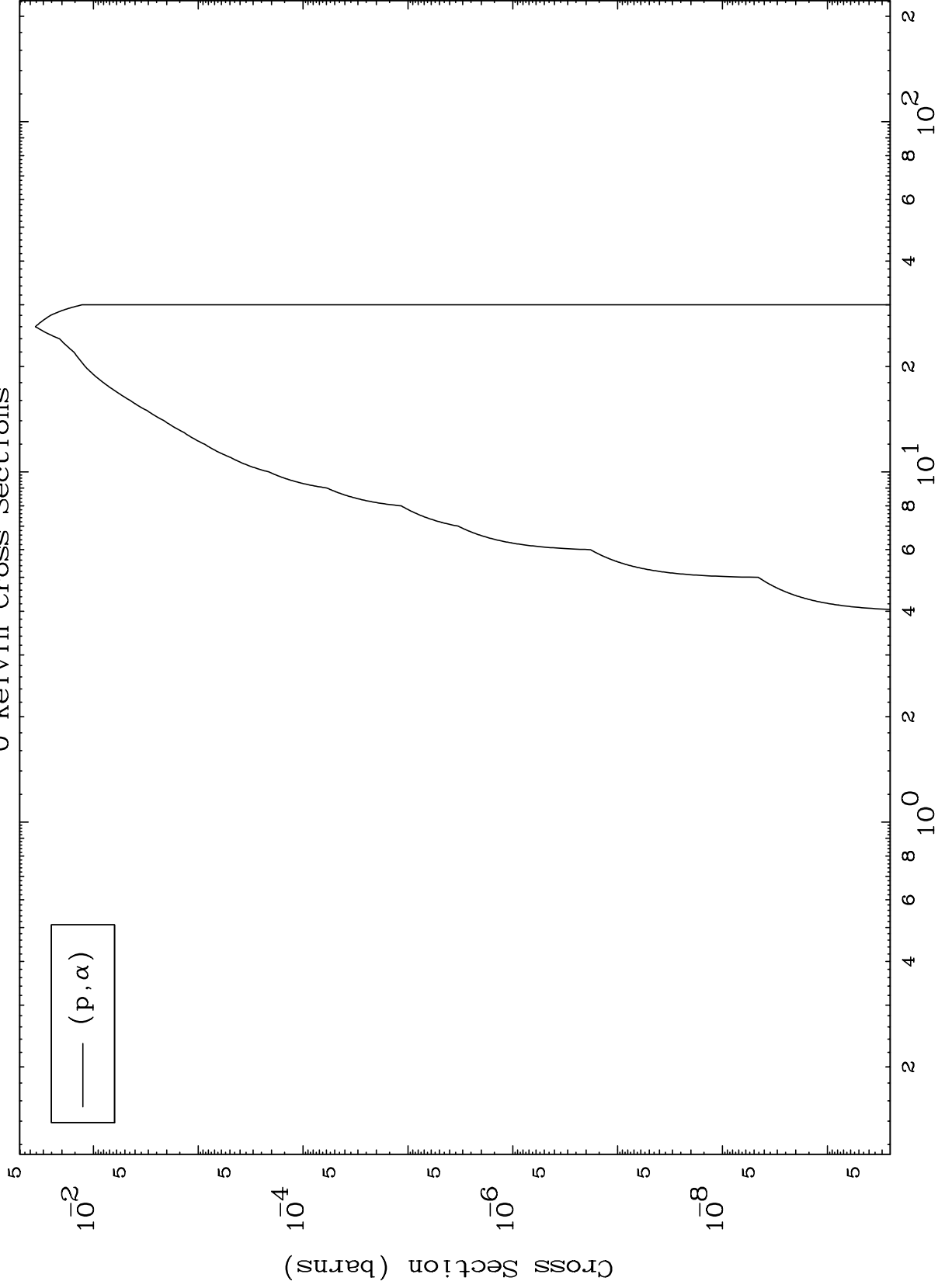
80-Hg-181

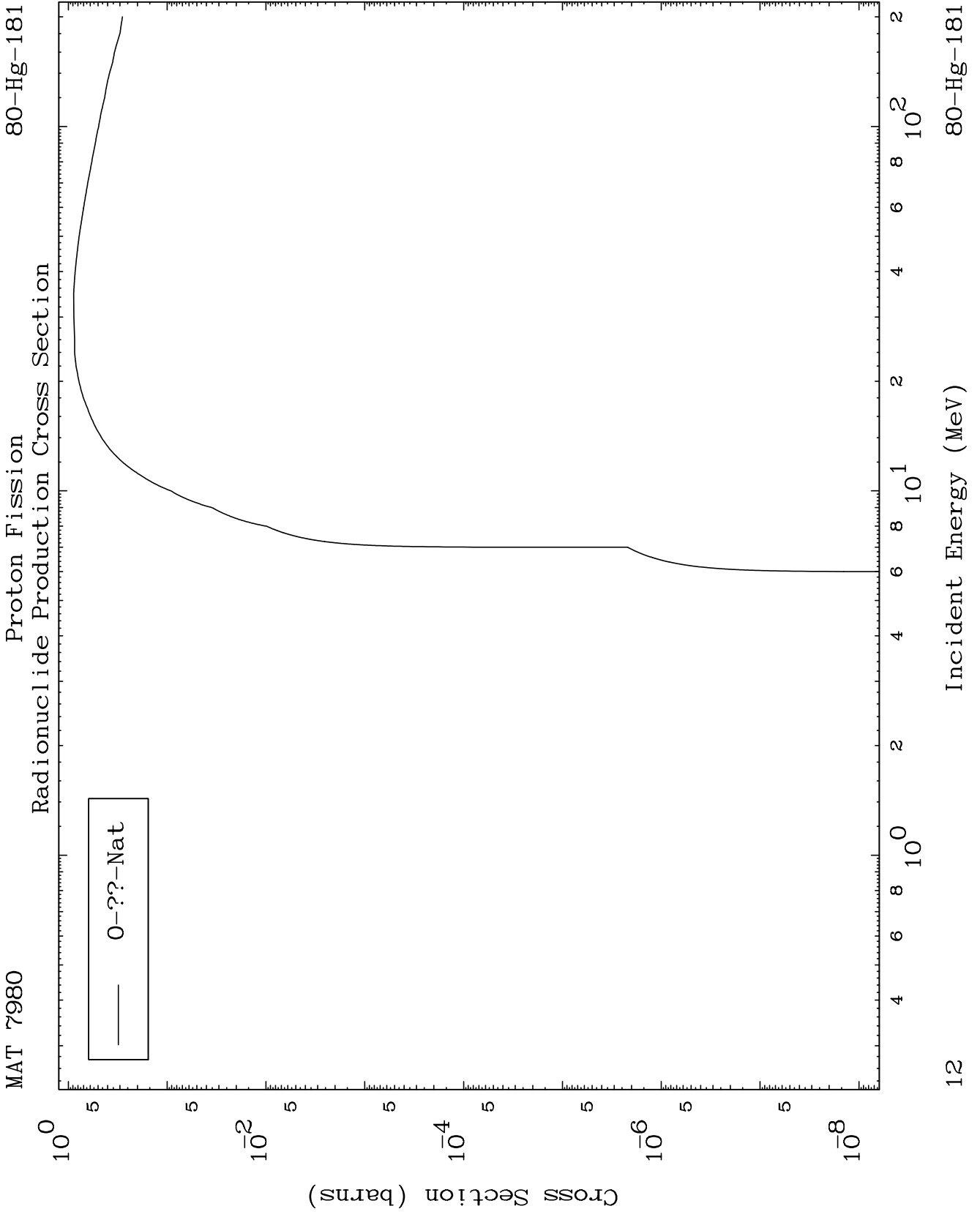
MAT 7980

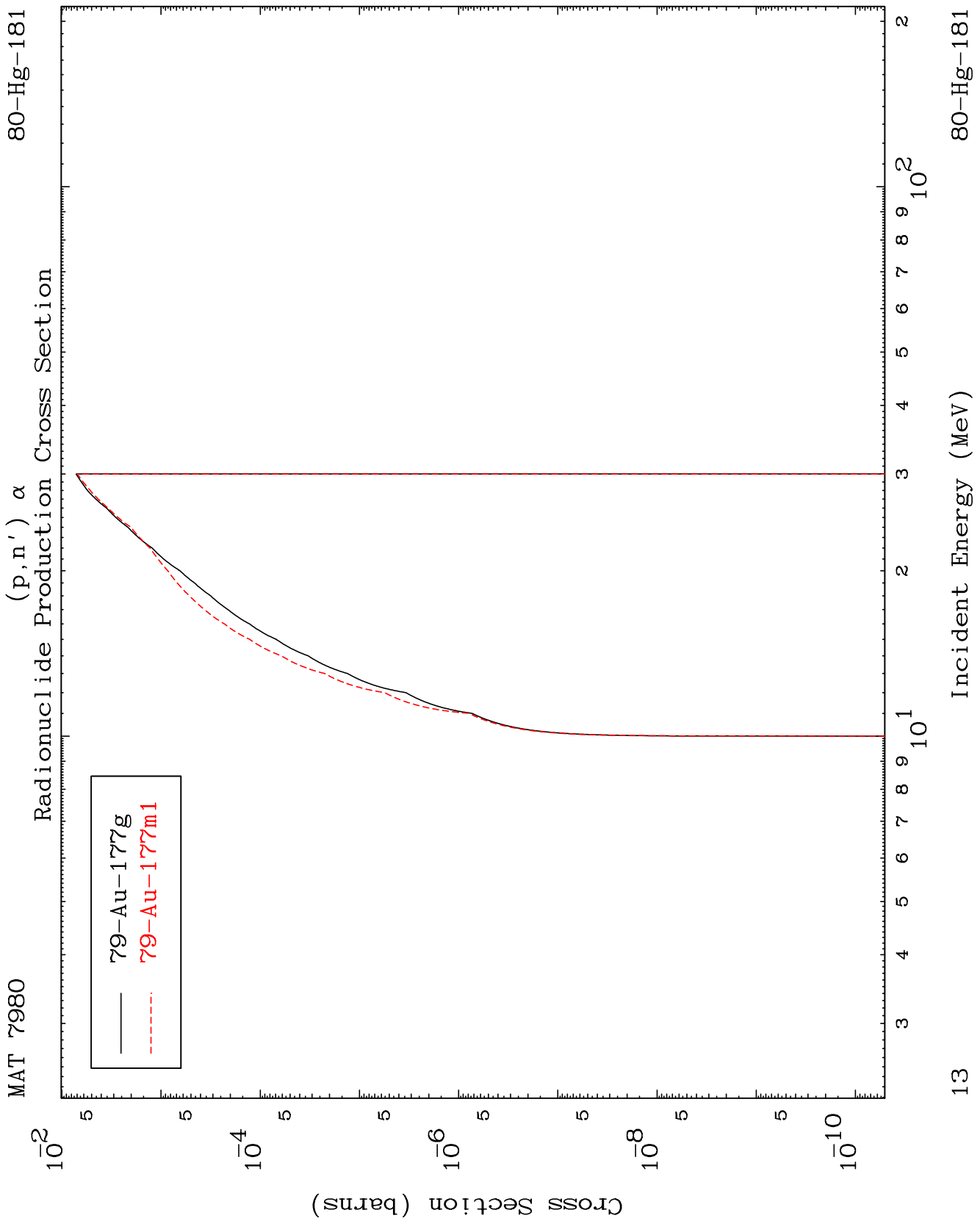
(p, α) Levels

80-Hg-181

0 Kelvin Cross Sections





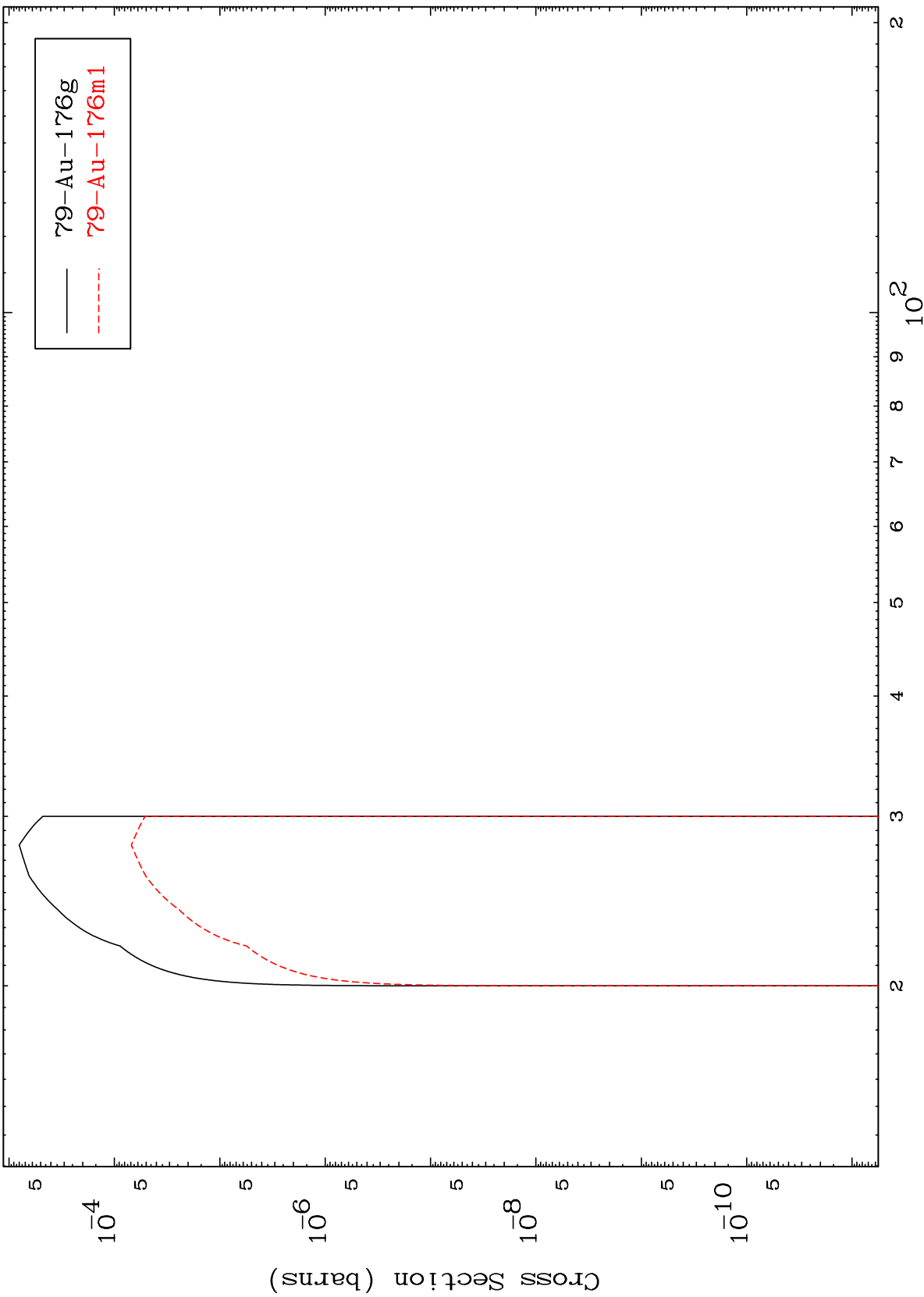


MAT 7980

(p,2n) α

80-Hg-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

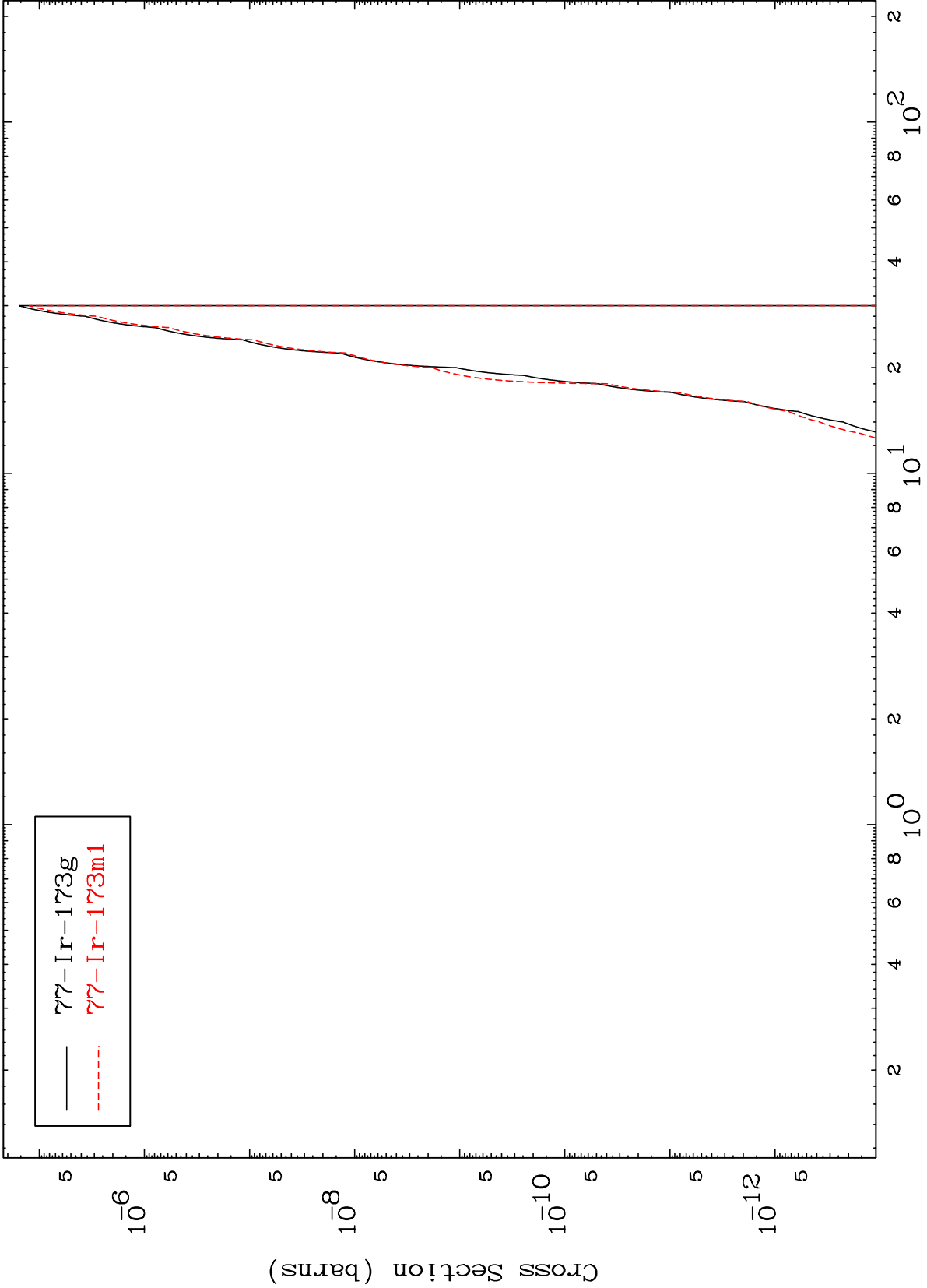
80-Hg-181

MAT 7980

(p,n') 2 α

80-Hg-181

Radionuclide Production Cross Section



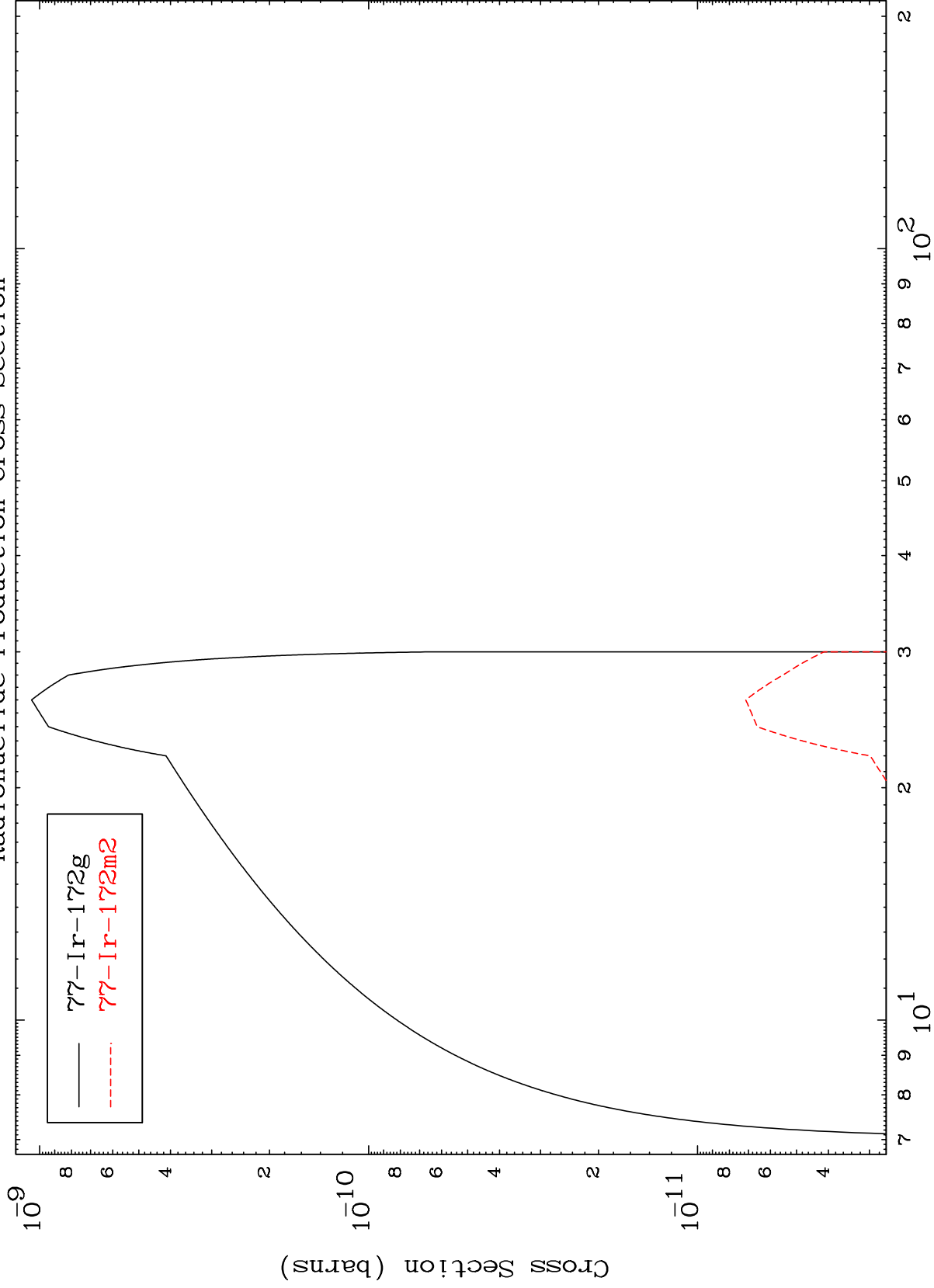
77-Ir-173g
77-Ir-173m1

MAT 7980

(p,2n) 2 α

80-Hg-181

Radionuclide Production Cross Section



16

Incident Energy (MeV)

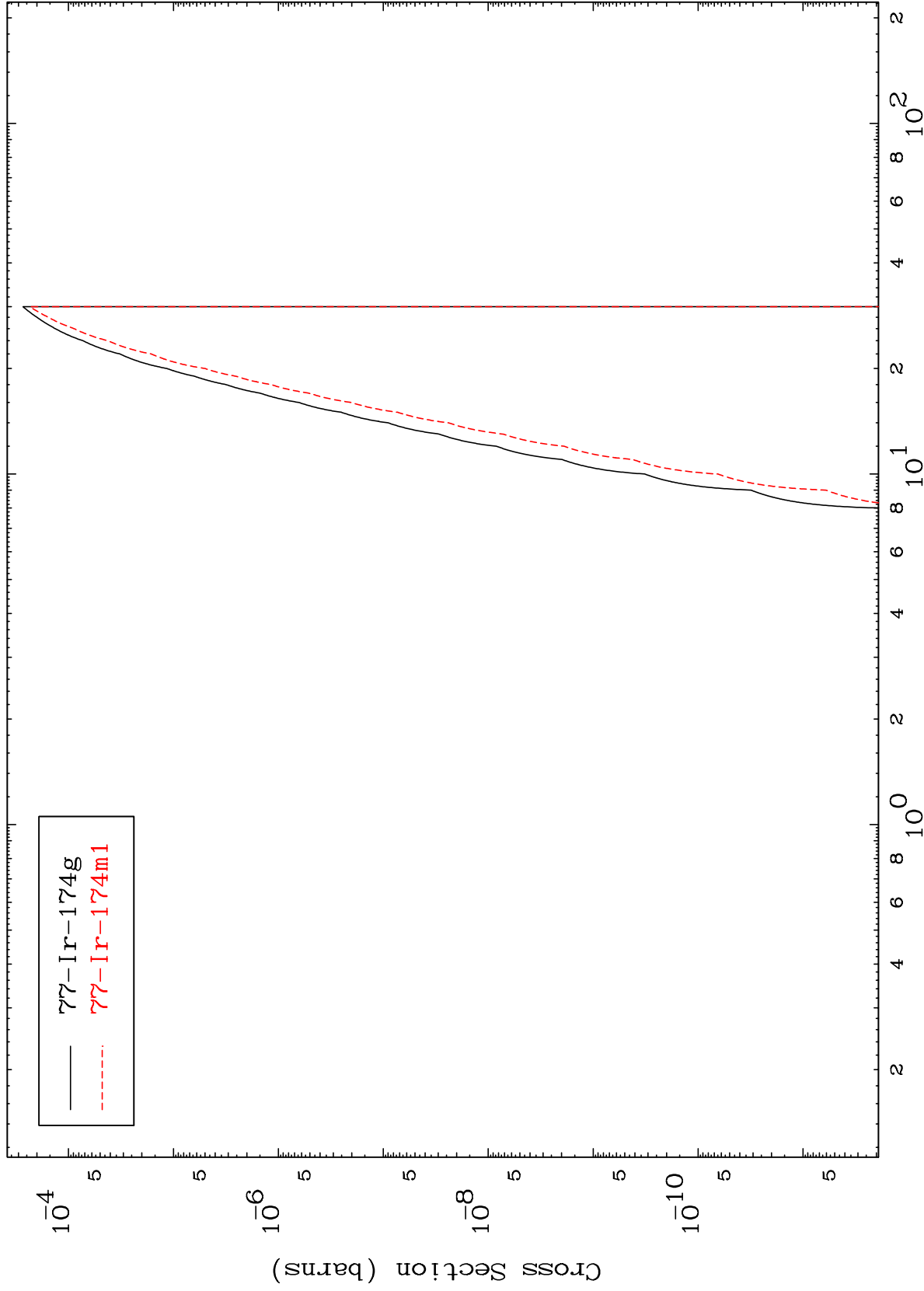
80-Hg-181

MAT 7980

80-Hg-181

(p,2α)

Radionuclide Production Cross Section



— 77-Ir-174g
- - - 77-Ir-174m1