

Program EVALPLOT
(Version 2017-1)

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

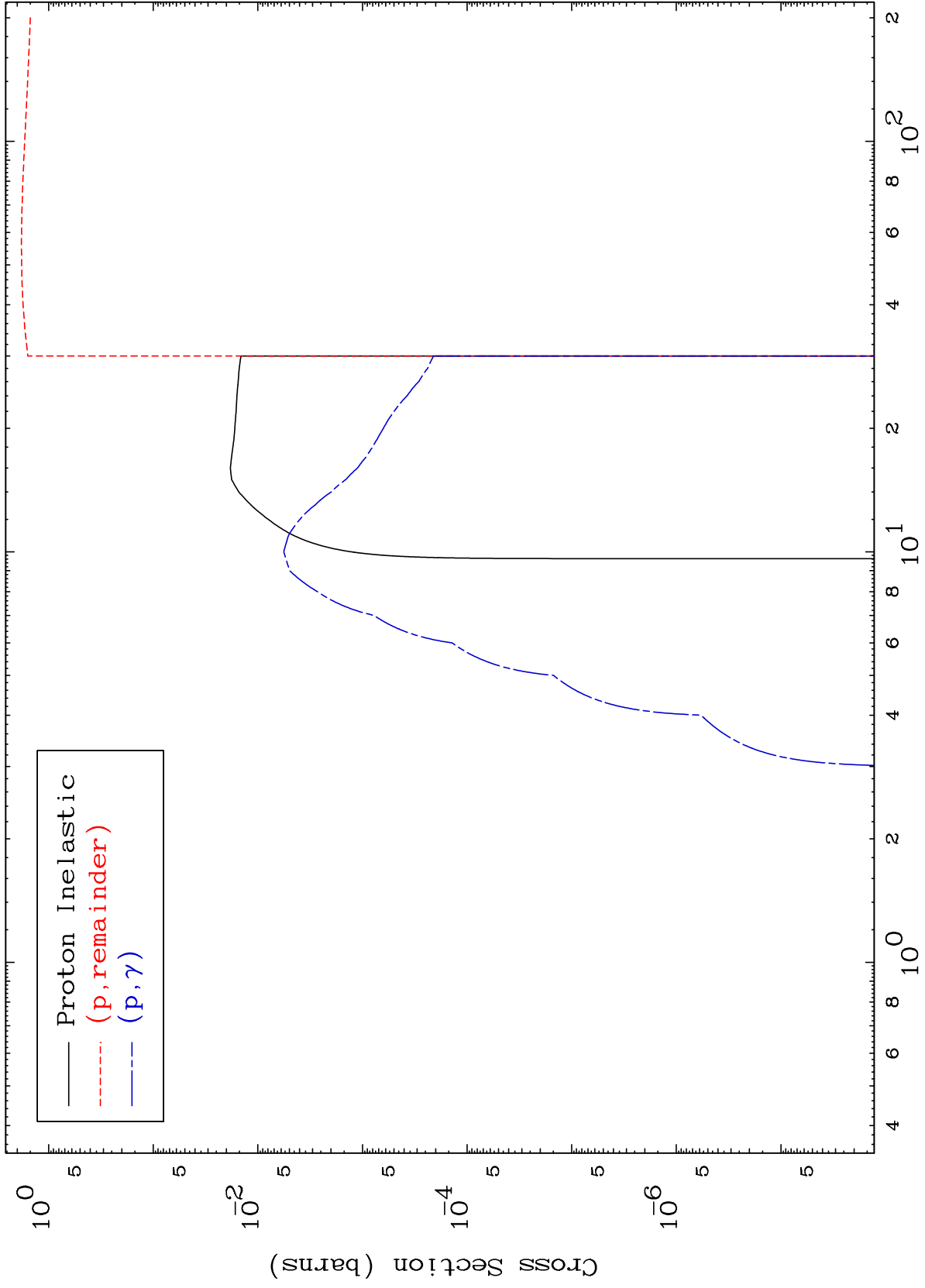
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7974

Proton Major
0 Kelvin Cross Sections

80-Hg-179



— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

1

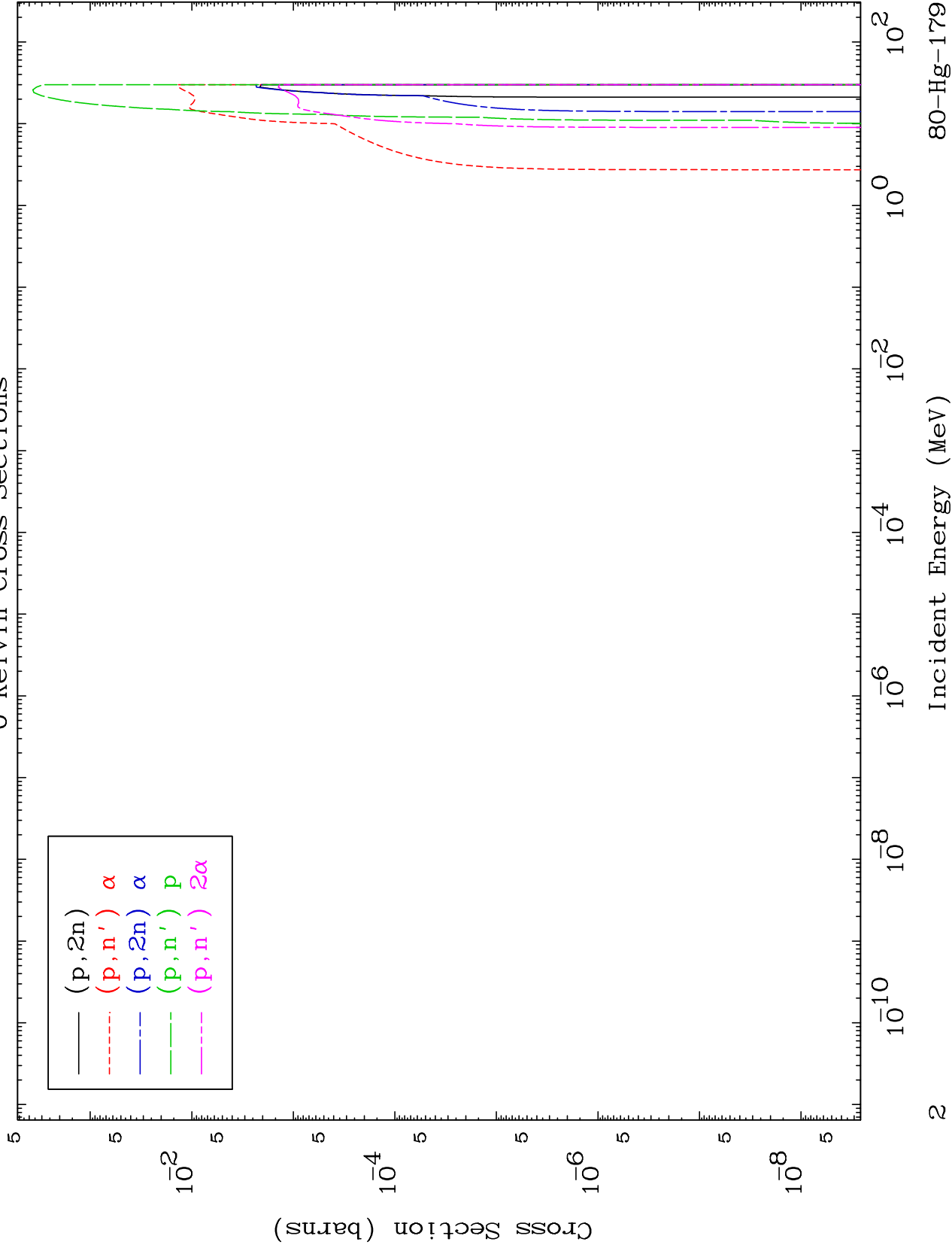
Incident Energy (MeV)

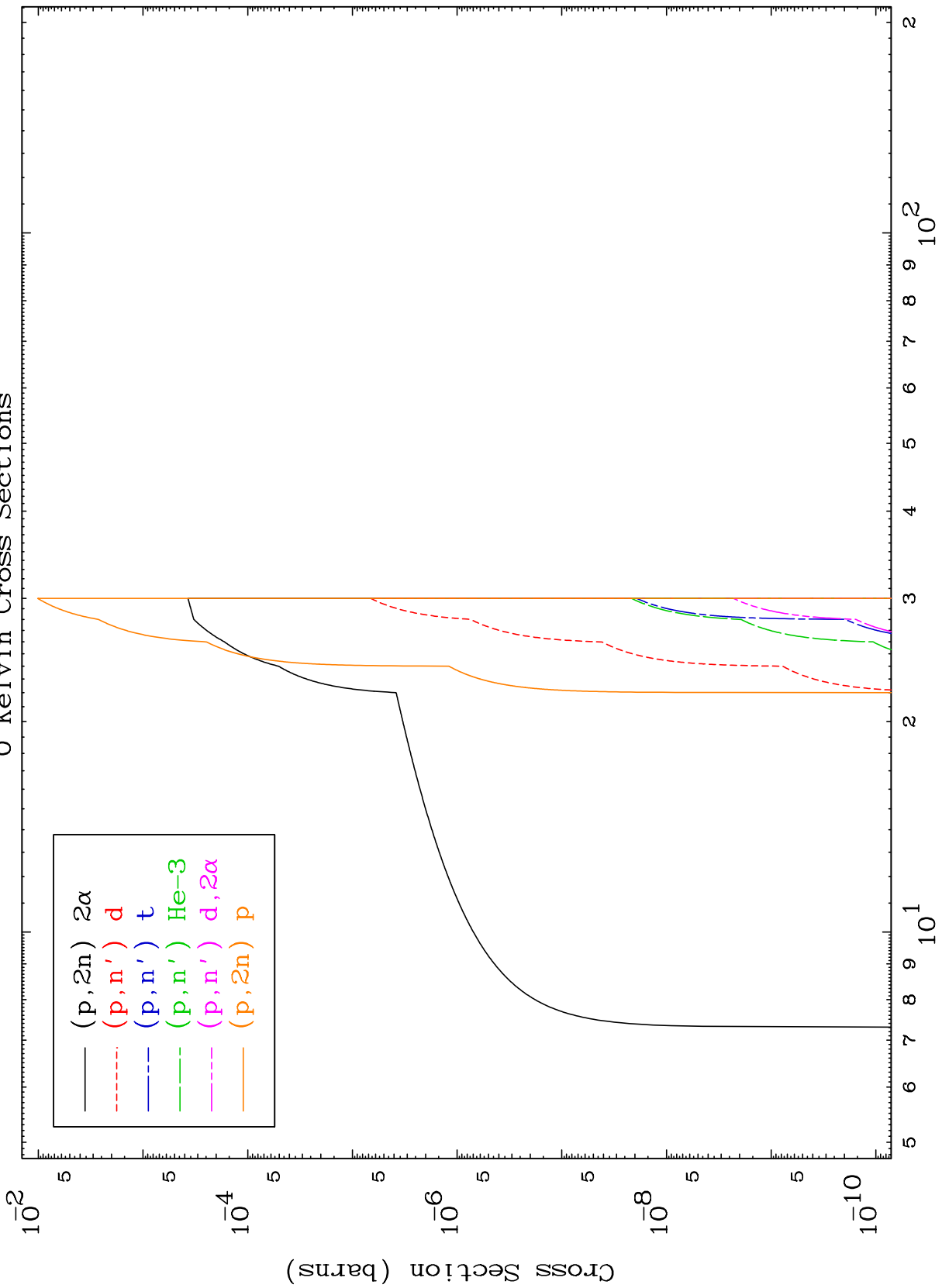
80-Hg-179

MAT 7974

Proton Neutron Production
0 Kelvin Cross Sections

80-Hg-179

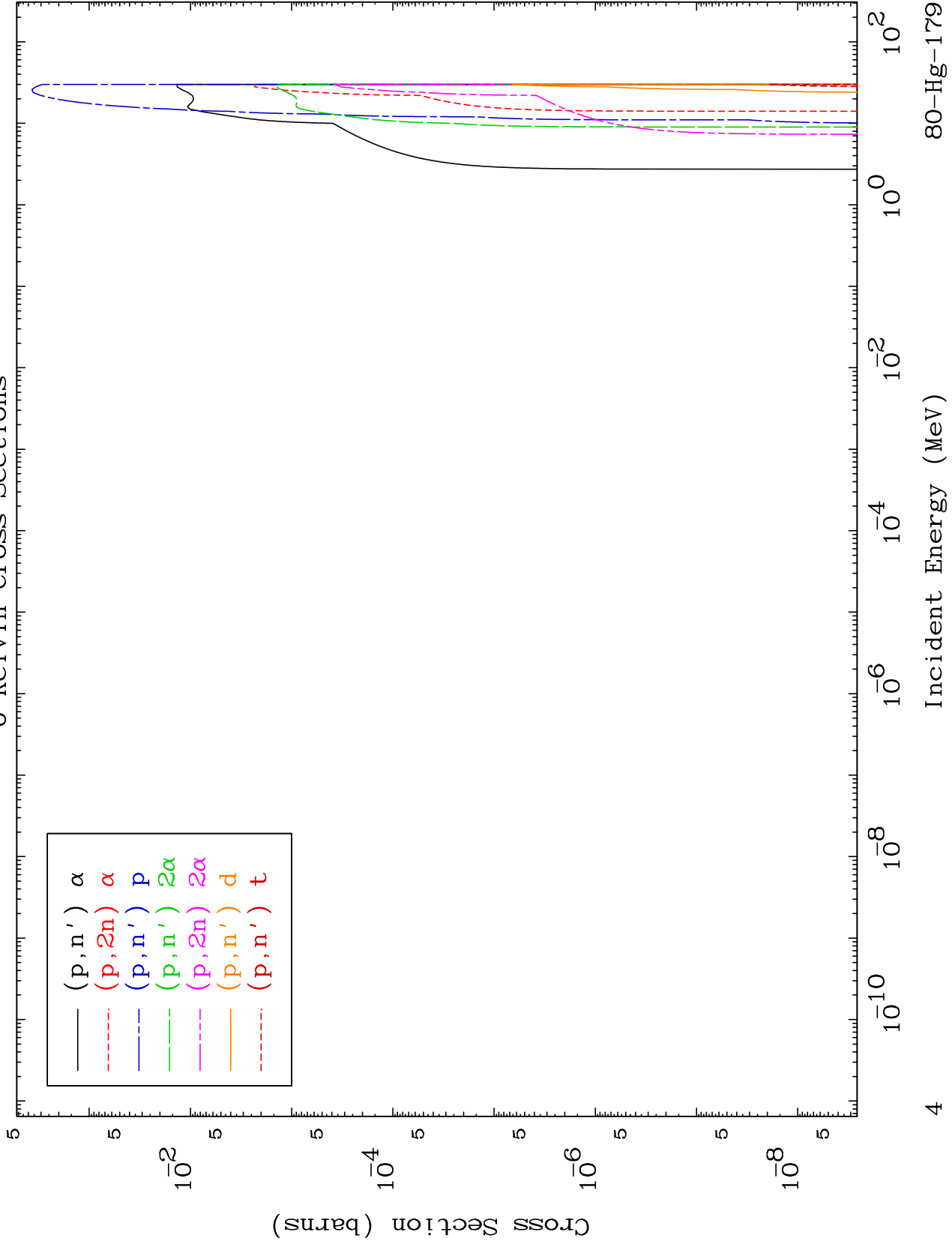




MAT 7974

Proton Charged Particle
0 Kelvin Cross Sections

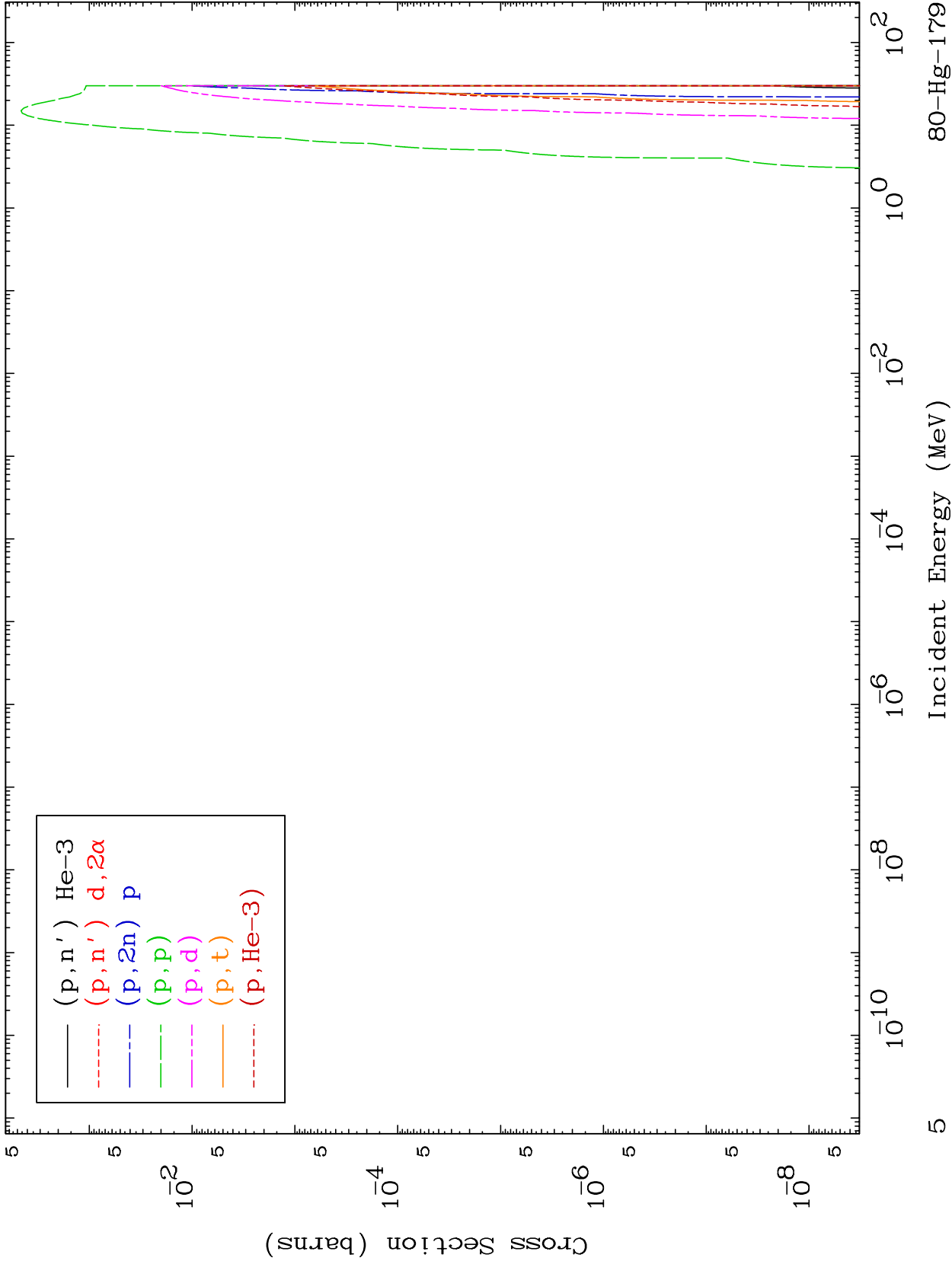
80-Hg-179



MAT 7974

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-179



5

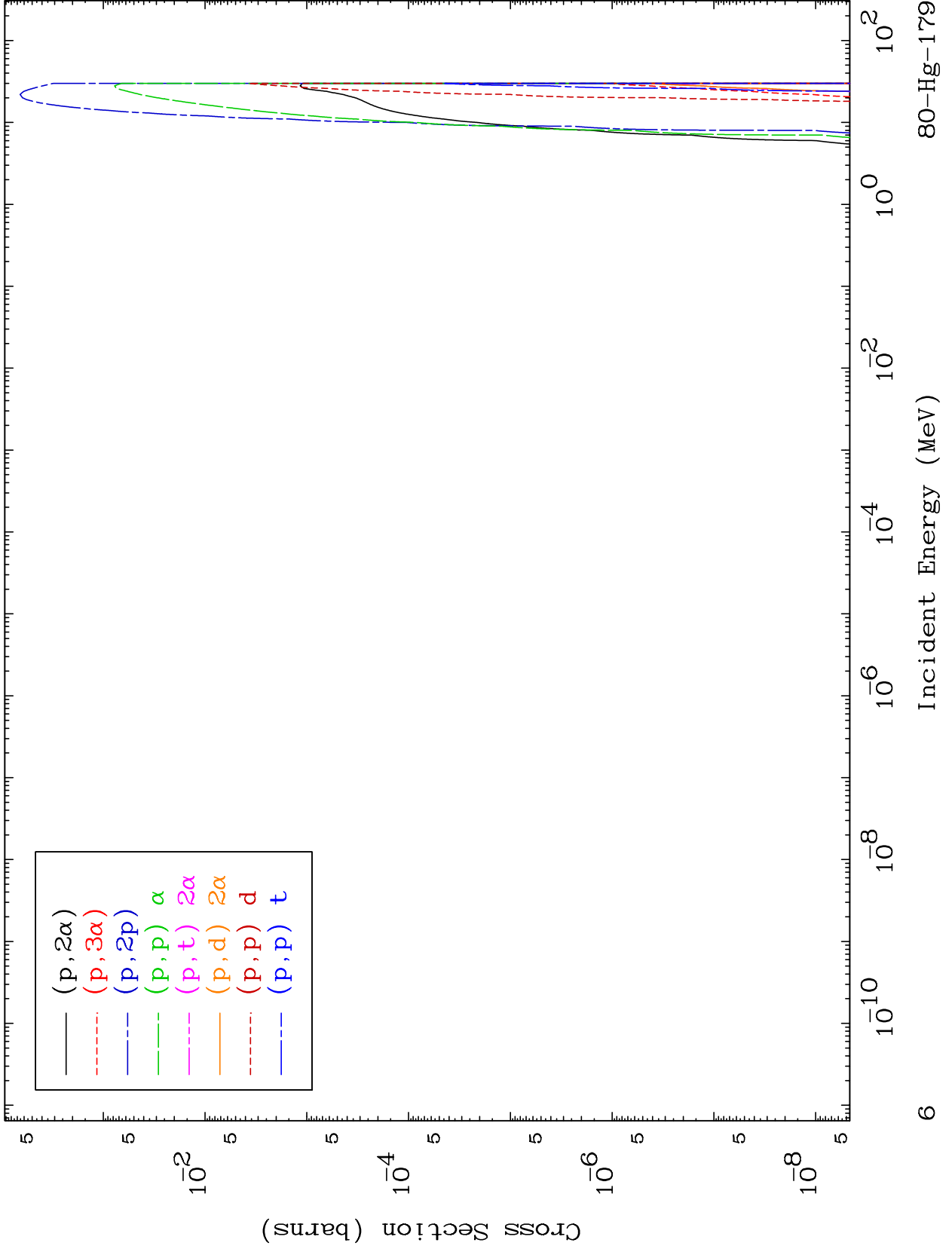
Incident Energy (MeV)

80-Hg-179

MAT 7974

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-179

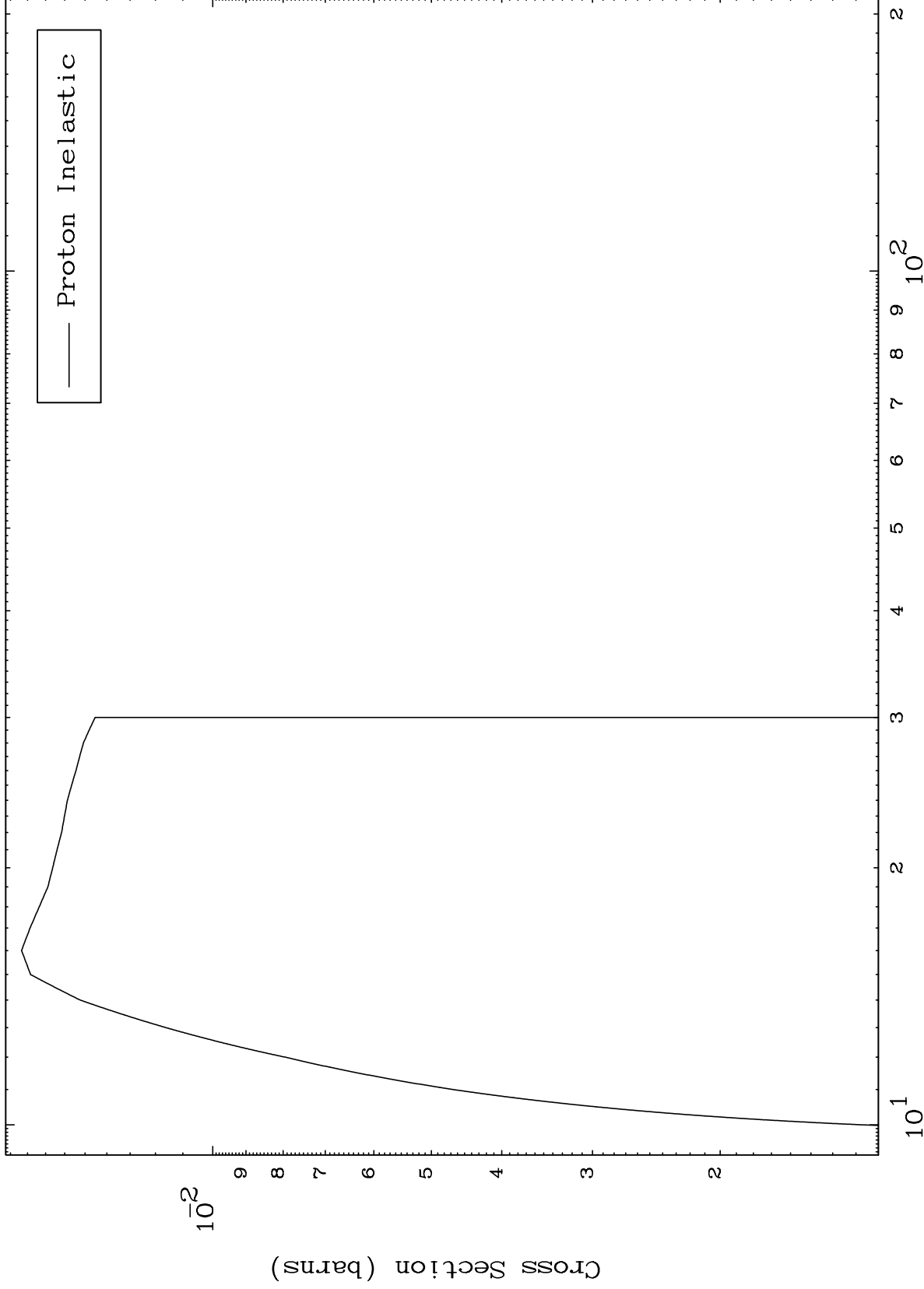


MAT 7974

(p,n') Level

80-Hg-179

0 Kelvin Cross Sections



Proton Inelastic

Incident Energy (MeV)

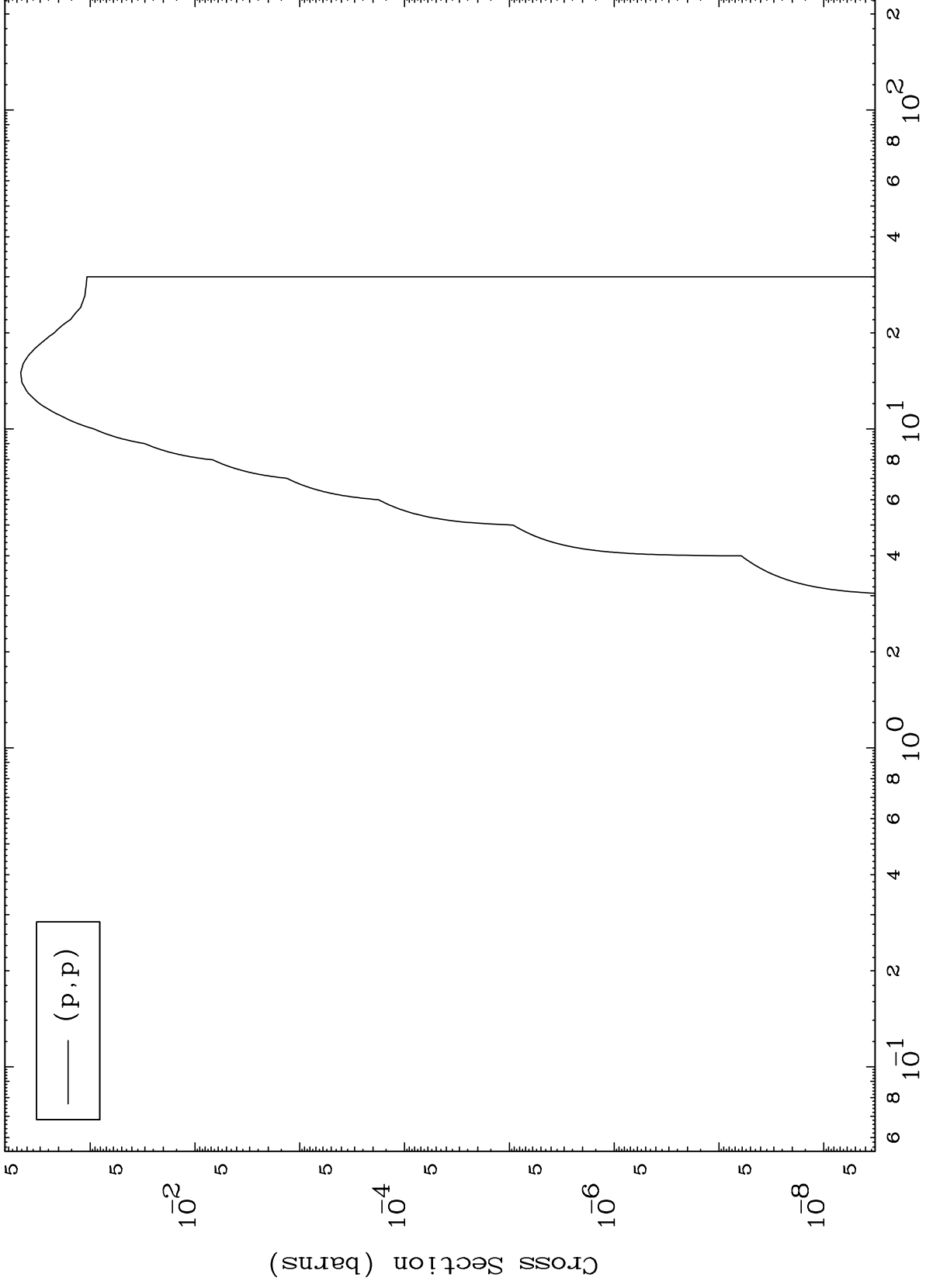
80-Hg-179

MAT 7974

(p,p) Levels

80-Hg-179

0 Kelvin Cross Sections



8

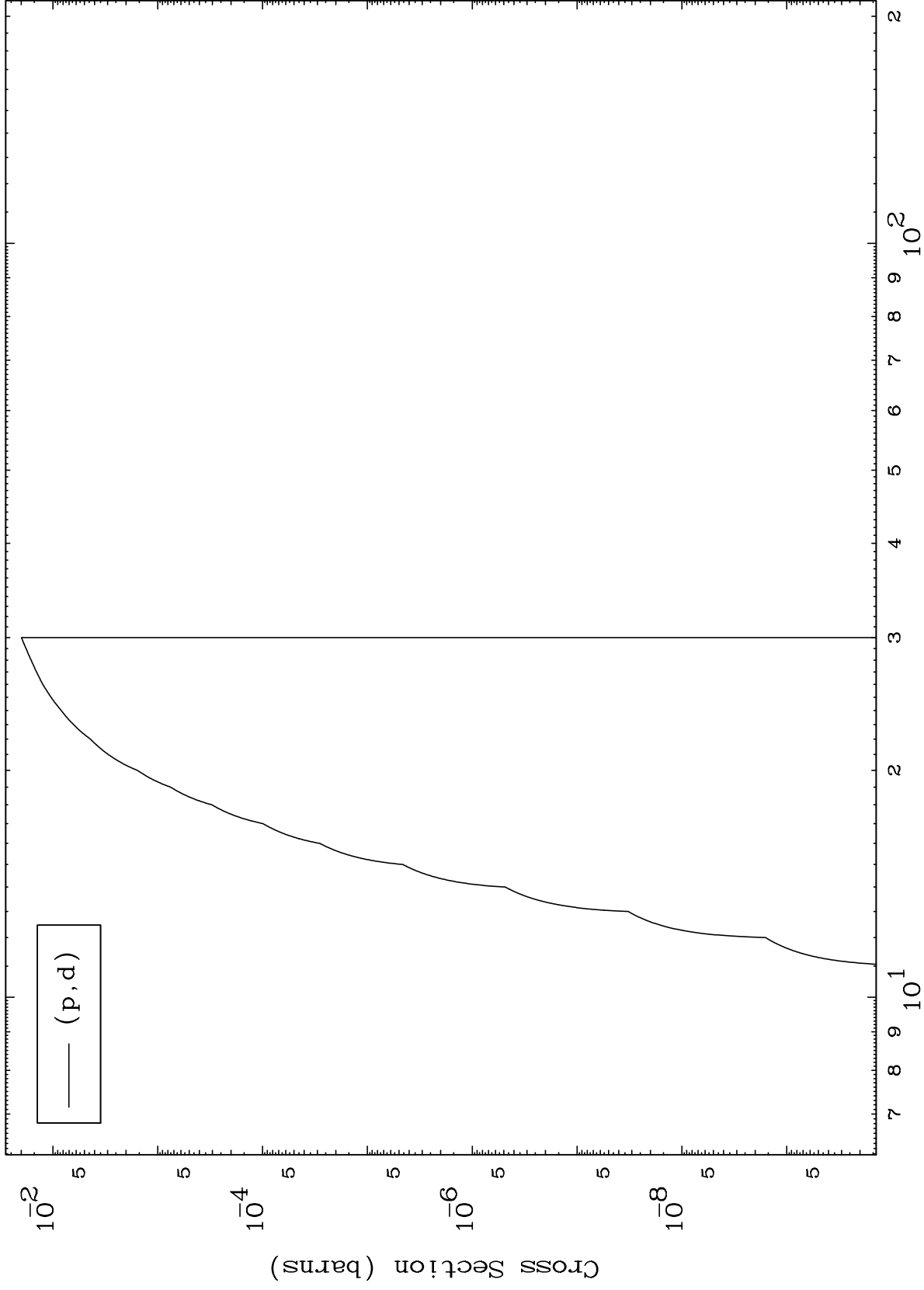
Incident Energy (MeV)

80-Hg-179

MAT 7974

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-179



9

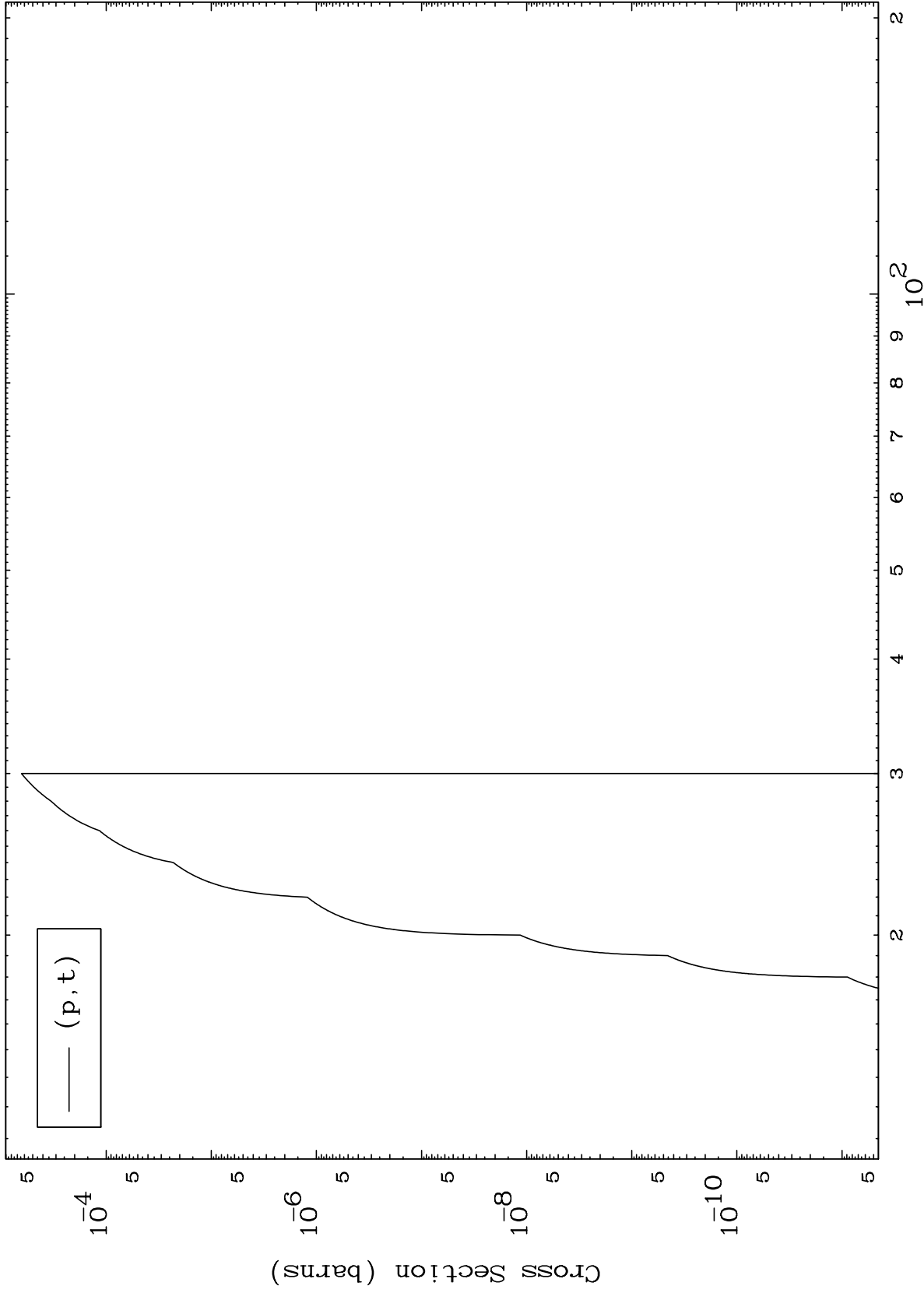
Incident Energy (MeV)

80-Hg-179

MAT 7974

(p,t) Levels
0 Kelvin Cross Sections

80-Hg-179



10

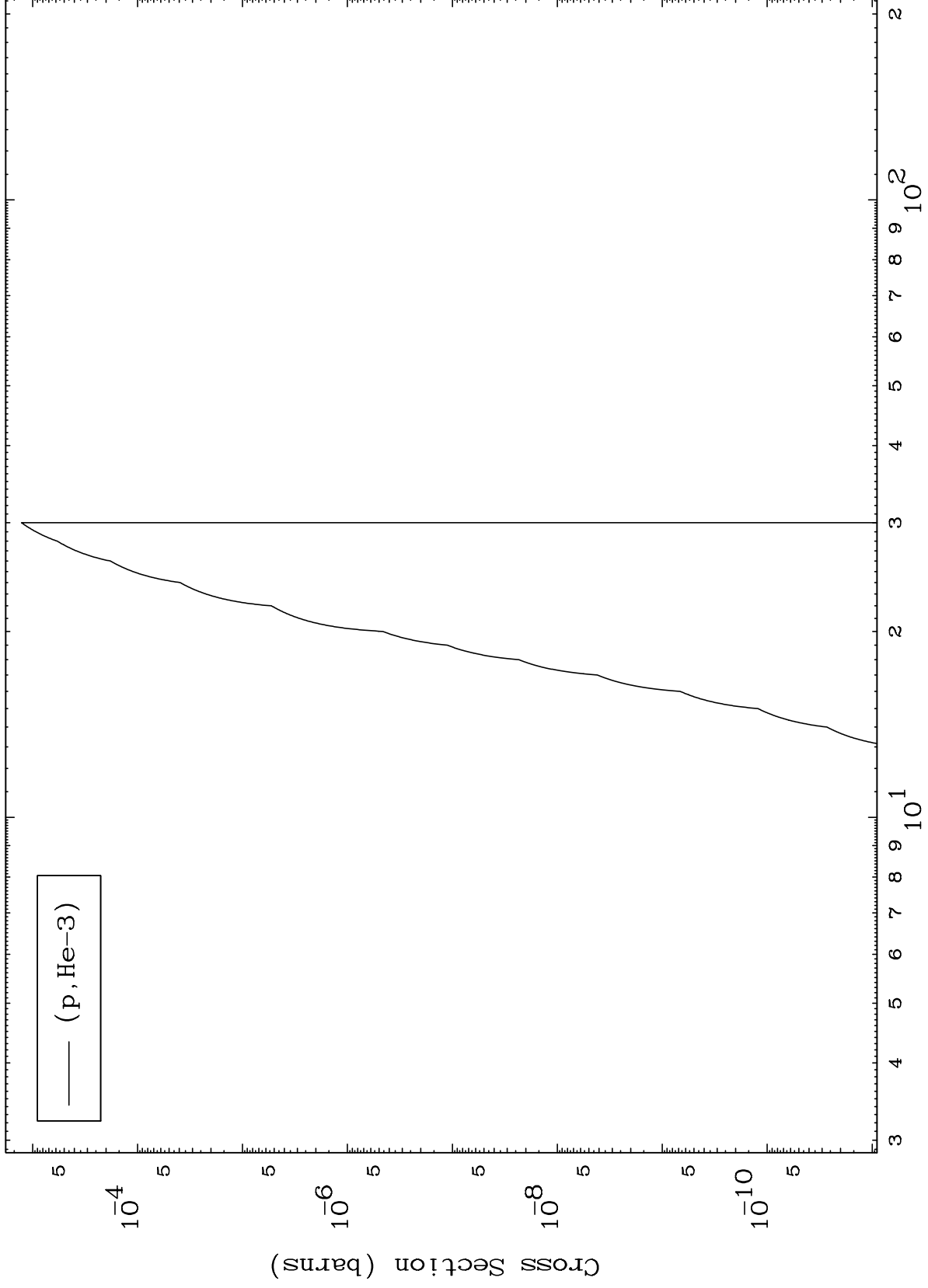
Incident Energy (MeV)

80-Hg-179

MAT 7974

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-179



11

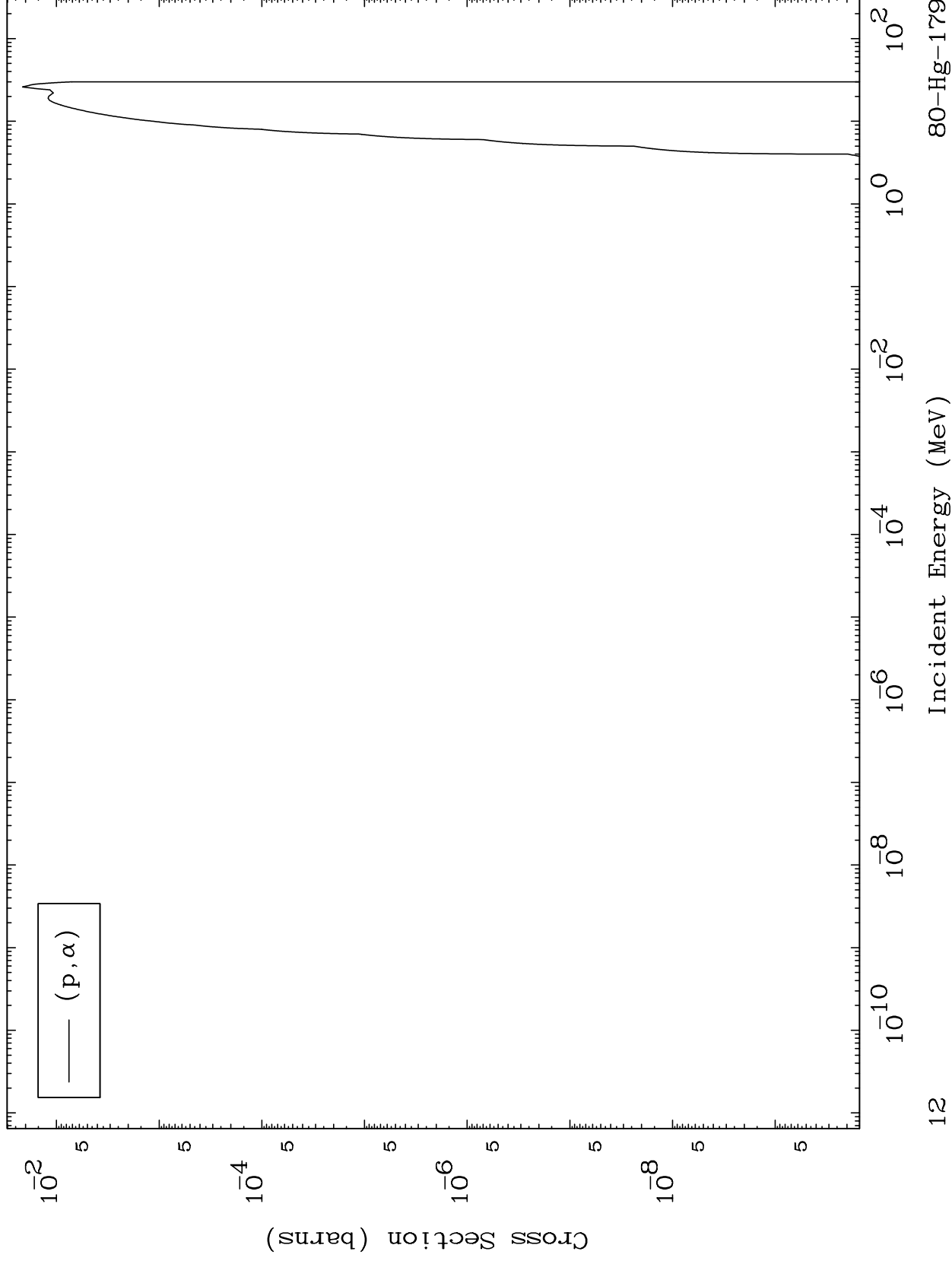
Incident Energy (MeV)

80-Hg-179

MAT 7974

(p, α) Levels
0 Kelvin Cross Sections

80-Hg-179



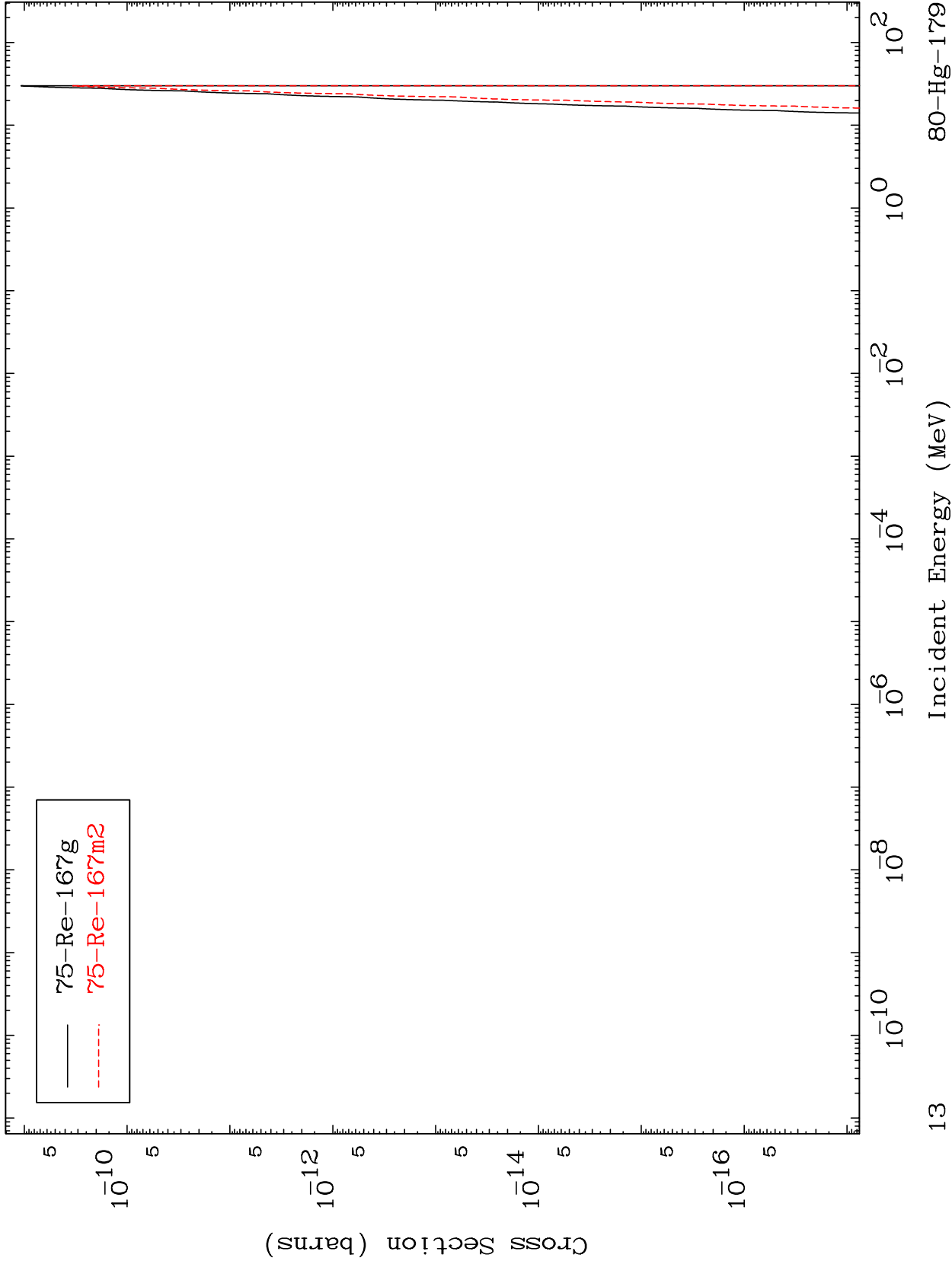
12

MAT 7974

(p,n') 3 α

80-Hg-179

Radionuclide Production Cross Section

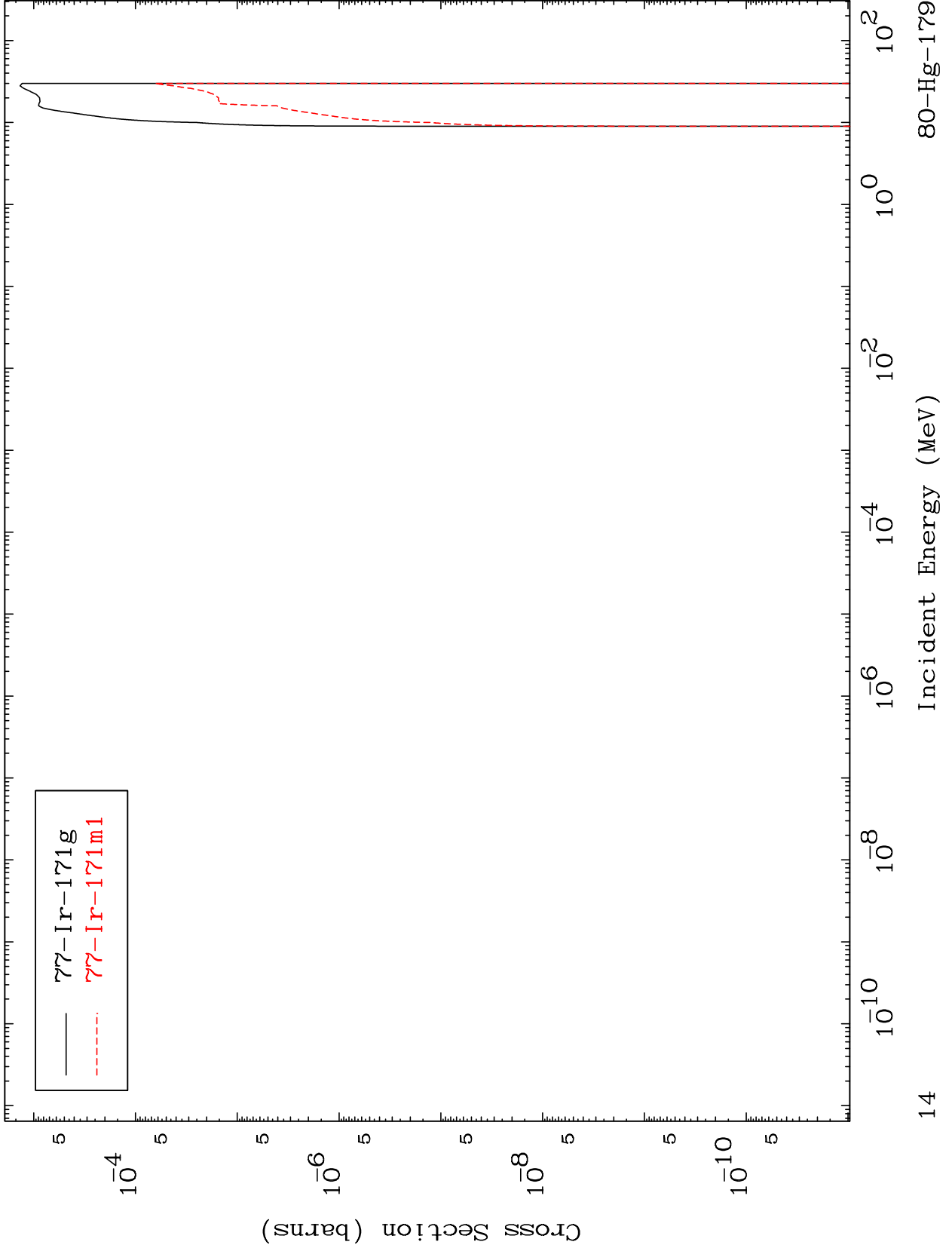


MAT 7974

(p,n') 2 α

80-Hg-179

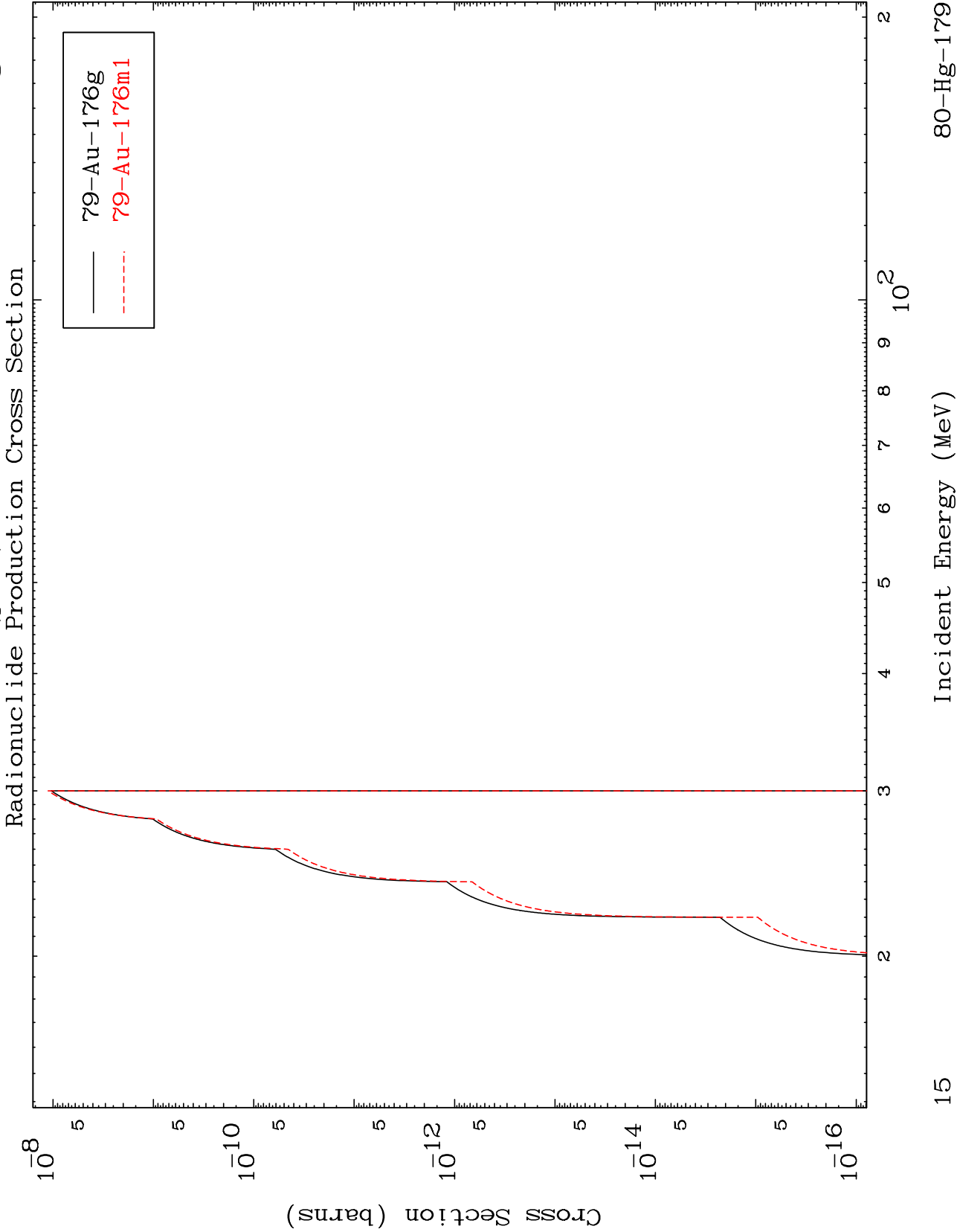
Radionuclide Production Cross Section



MAT 7974

(p,n') He-3

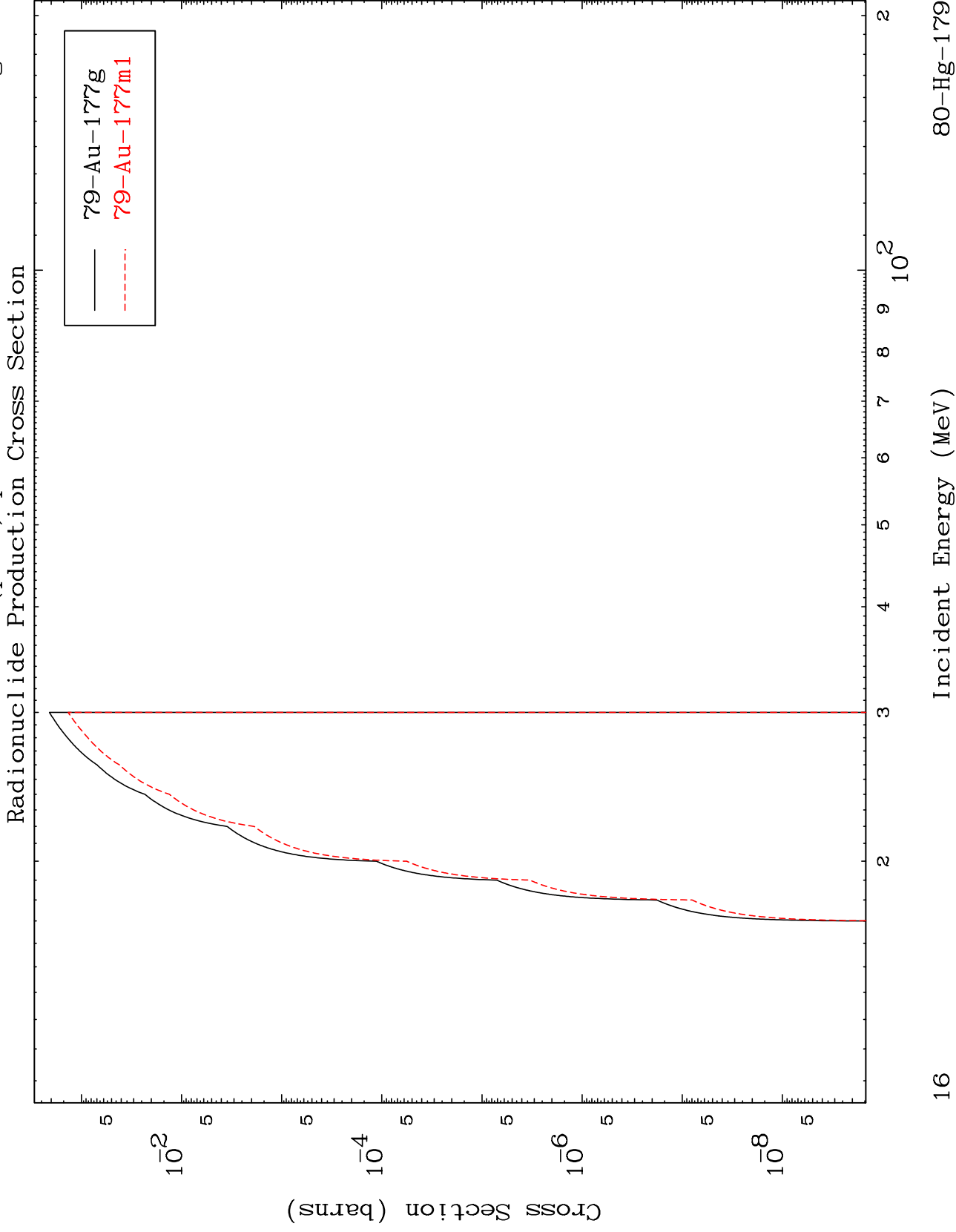
80-Hg-179



15

Incident Energy (MeV)

80-Hg-179

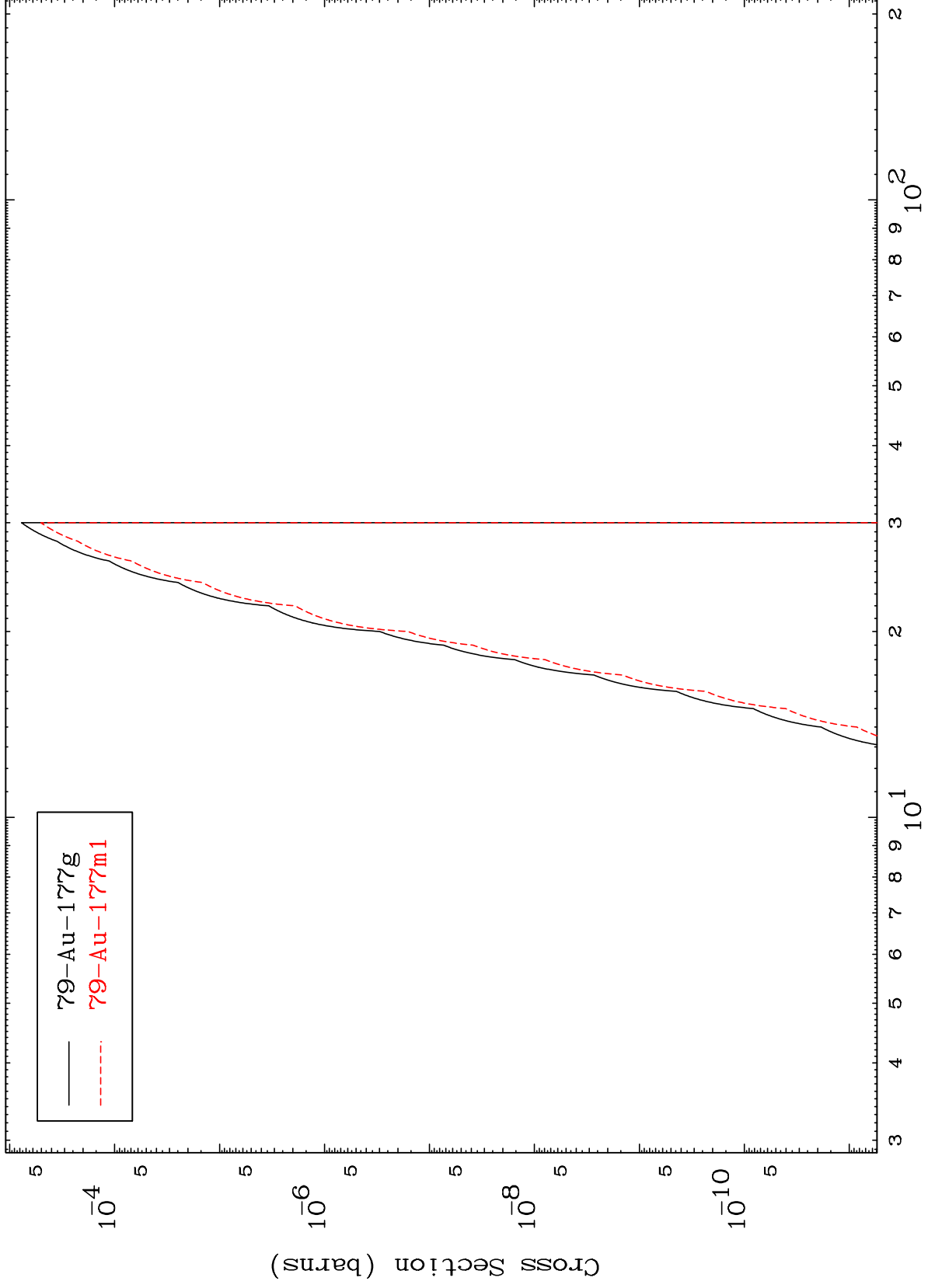


MAT 7974

(p,He-3)

80-Hg-179

Radionuclide Production Cross Section



79-Au-177g
79-Au-177m1

17

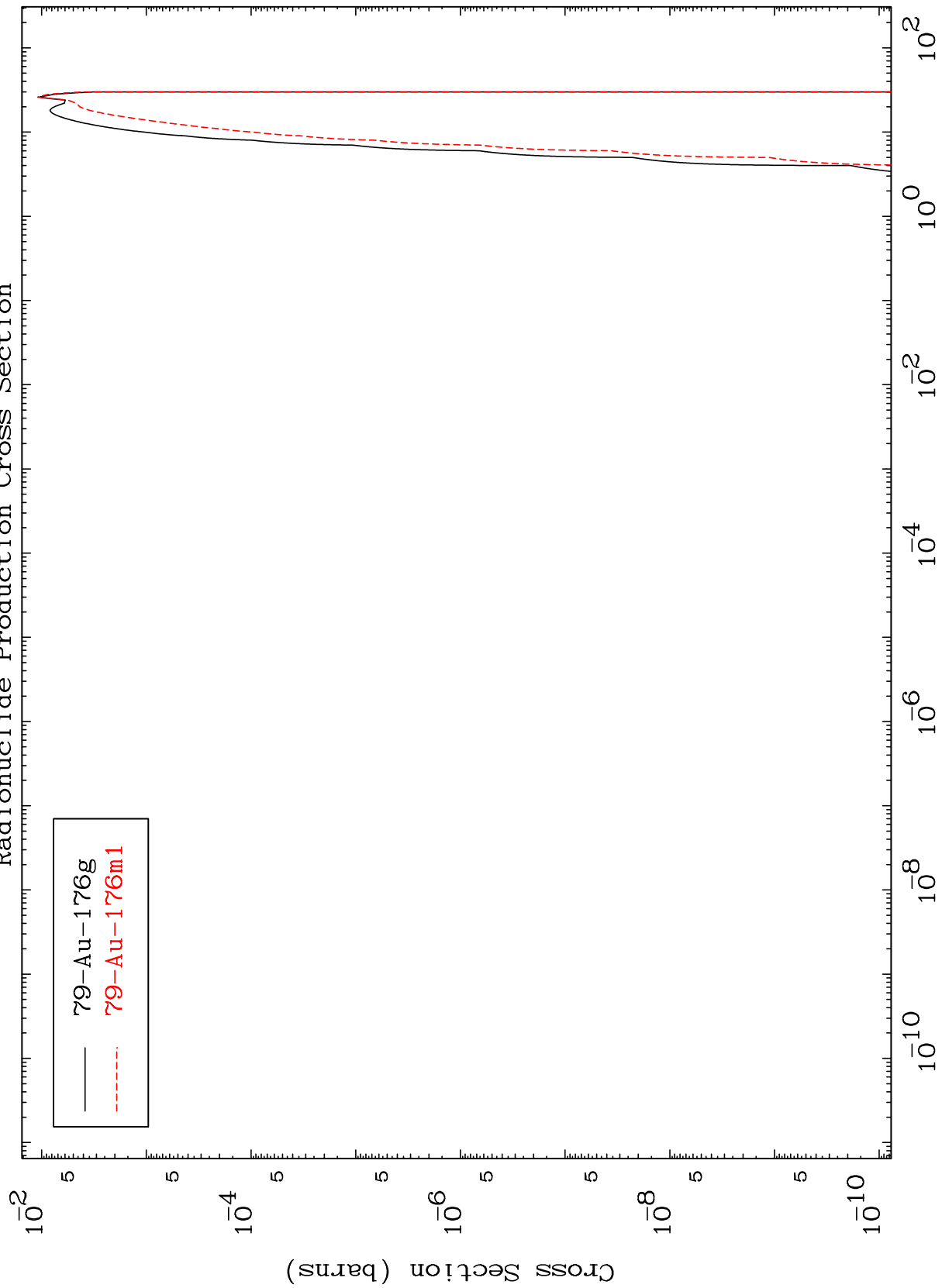
Incident Energy (MeV)

80-Hg-179

MAT 7974

80-Hg-179

Radionuclide Production Cross Section



Incident Energy (MeV)

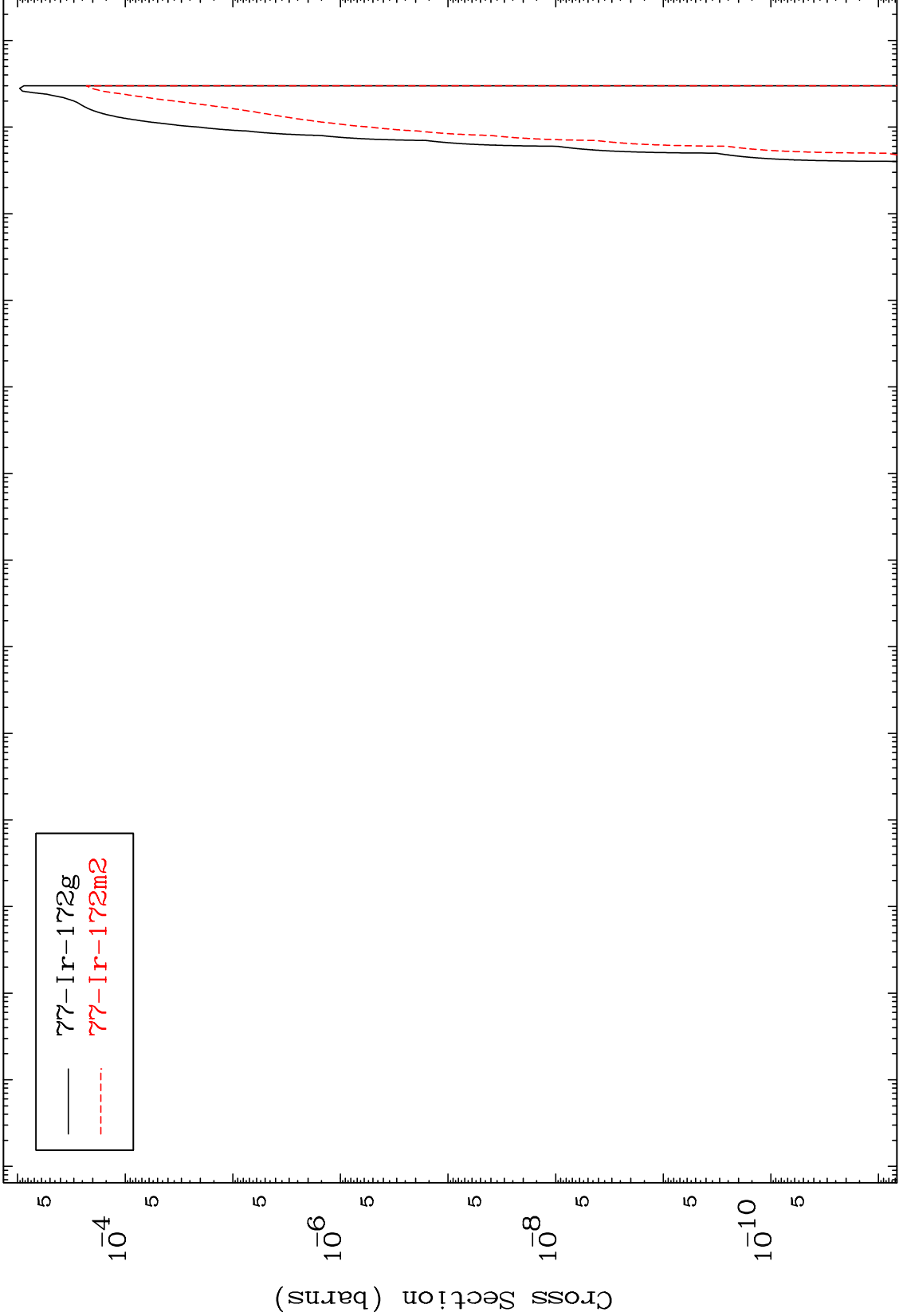
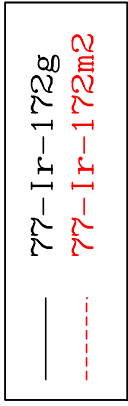
80-Hg-179

MAT 7974

(p,2 α)

80-Hg-179

Radionuclide Production Cross Section



Cross Section (barns)

Incident Energy (MeV)

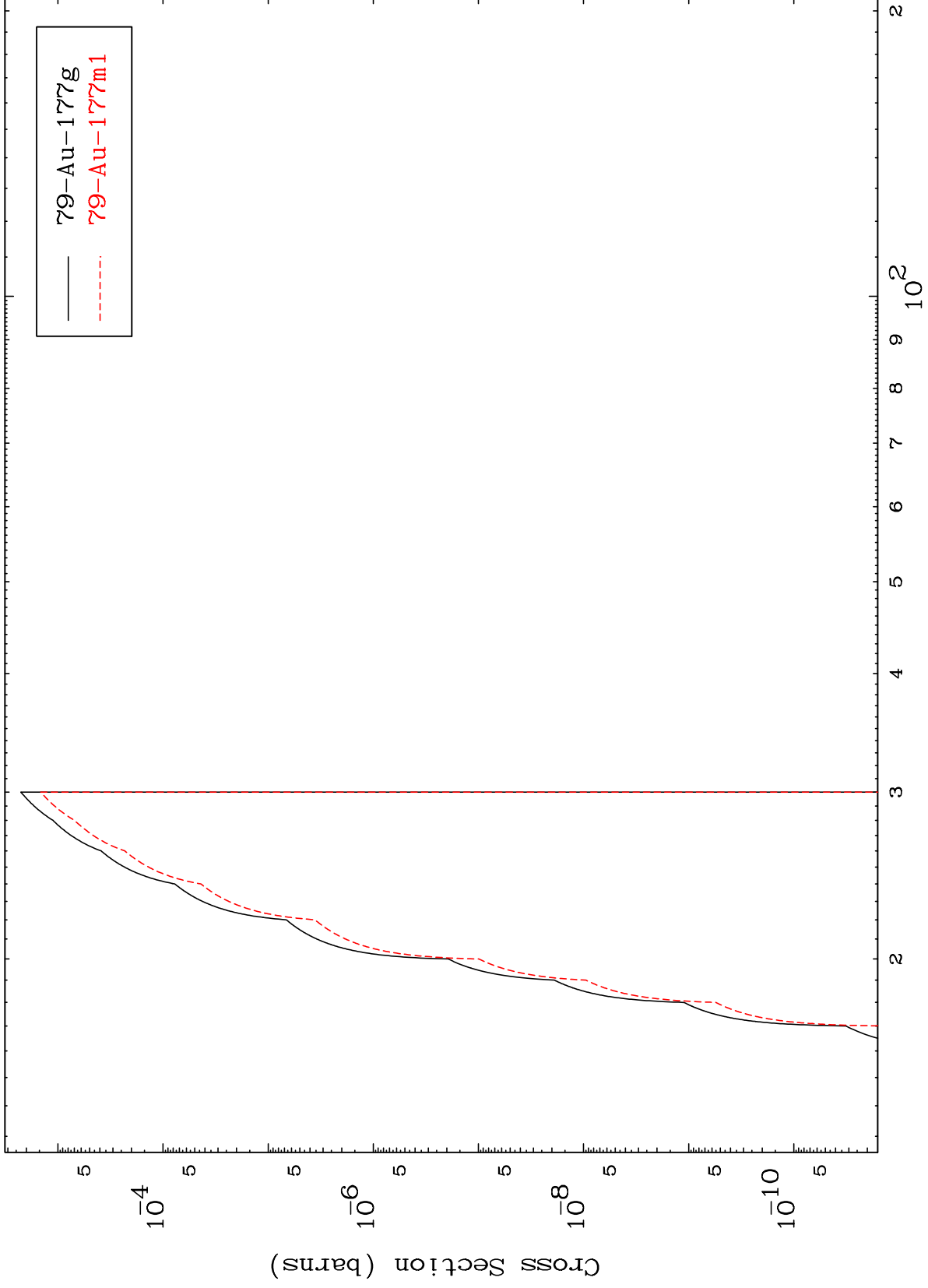
80-Hg-179

MAT 7974

(p,p) d

80-Hg-179

Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-179

