

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

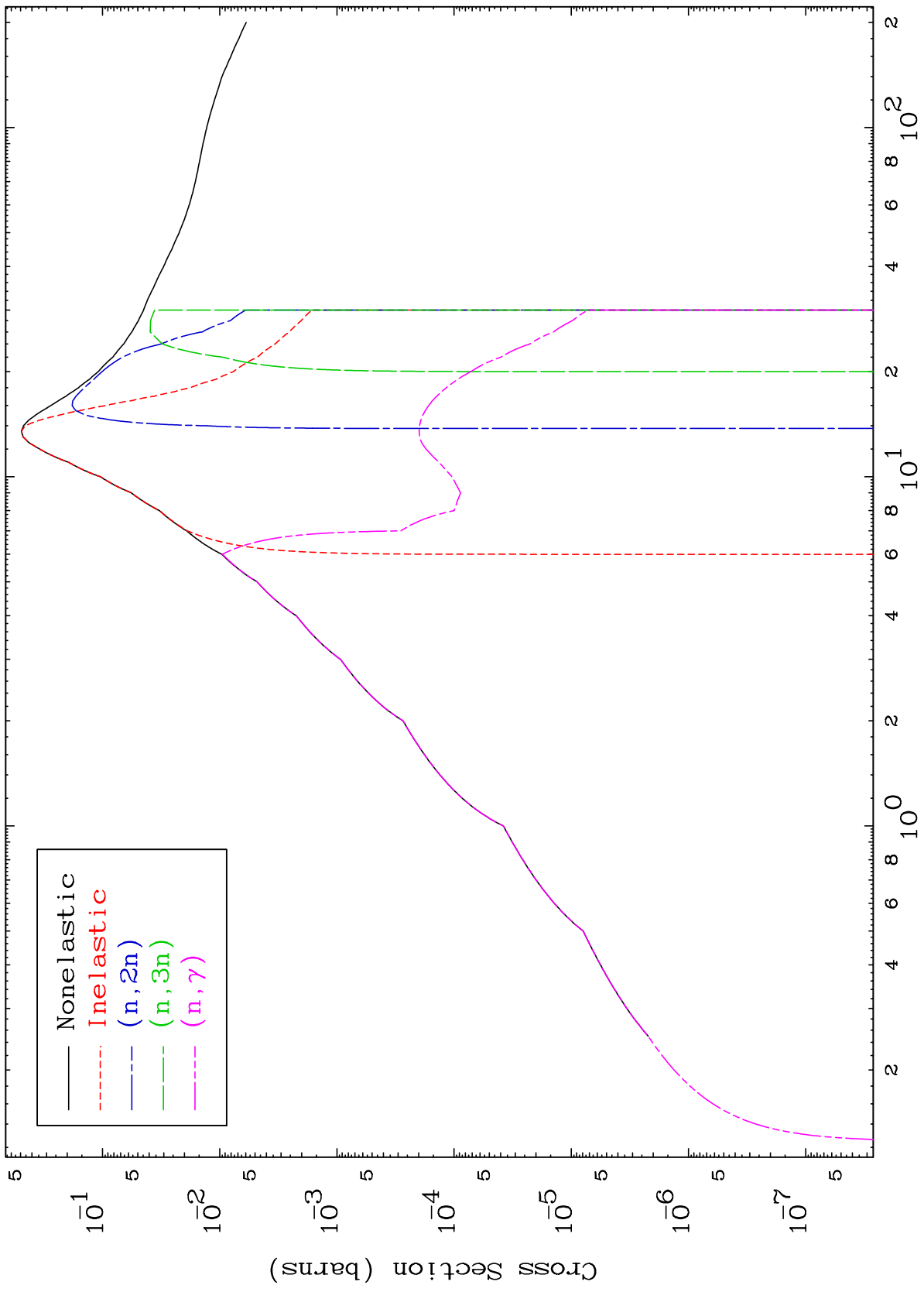
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8046

Photon Major
0 Kelvin Cross Sections

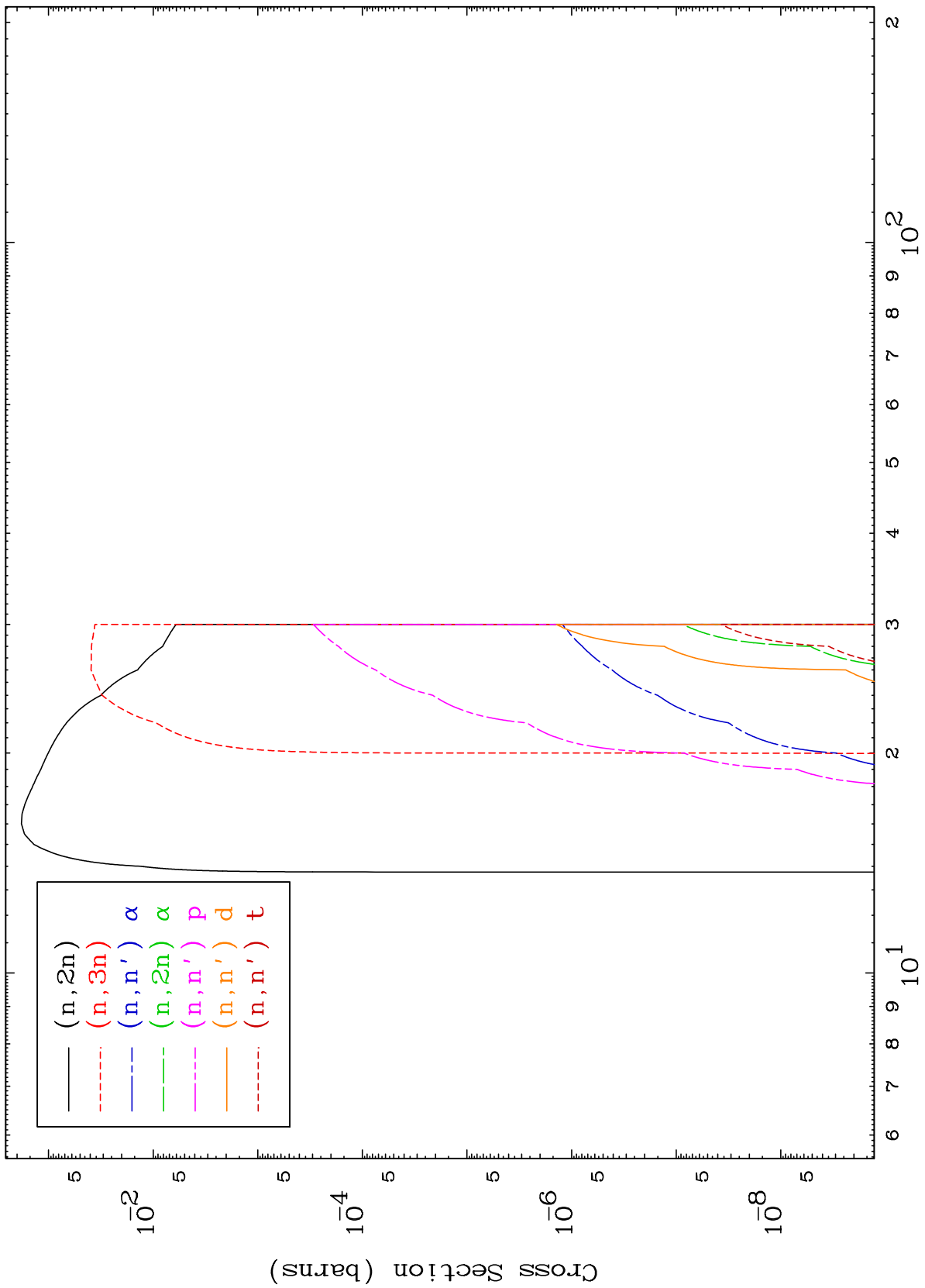
80-Hg-203



MAT 8046

Photon Neutron Absorption
0 Kelvin Cross Sections

80-Hg-203



2

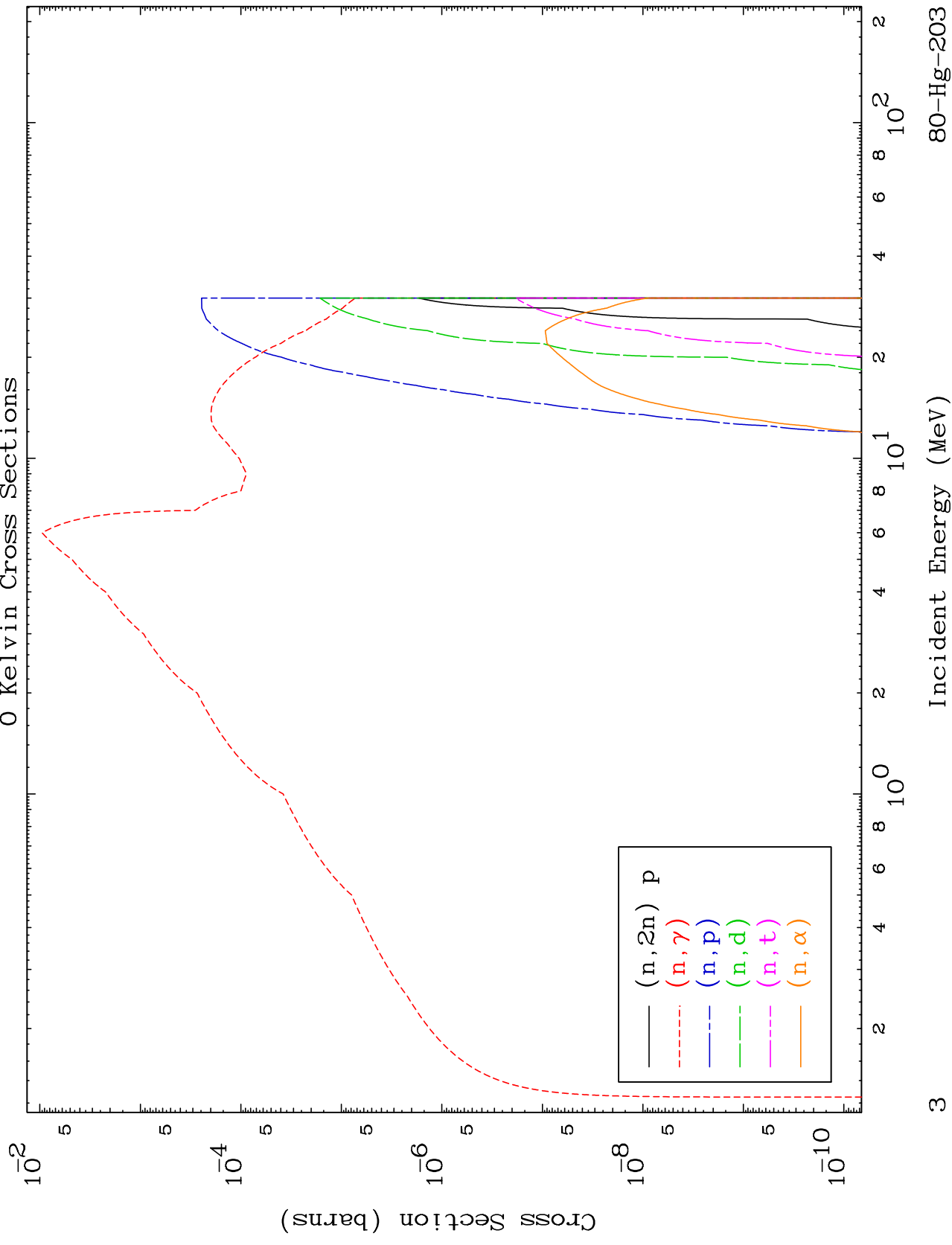
Incident Energy (MeV)

80-Hg-203

MAT 8046

Photon Neutron Absorption
0 Kelvin Cross Sections

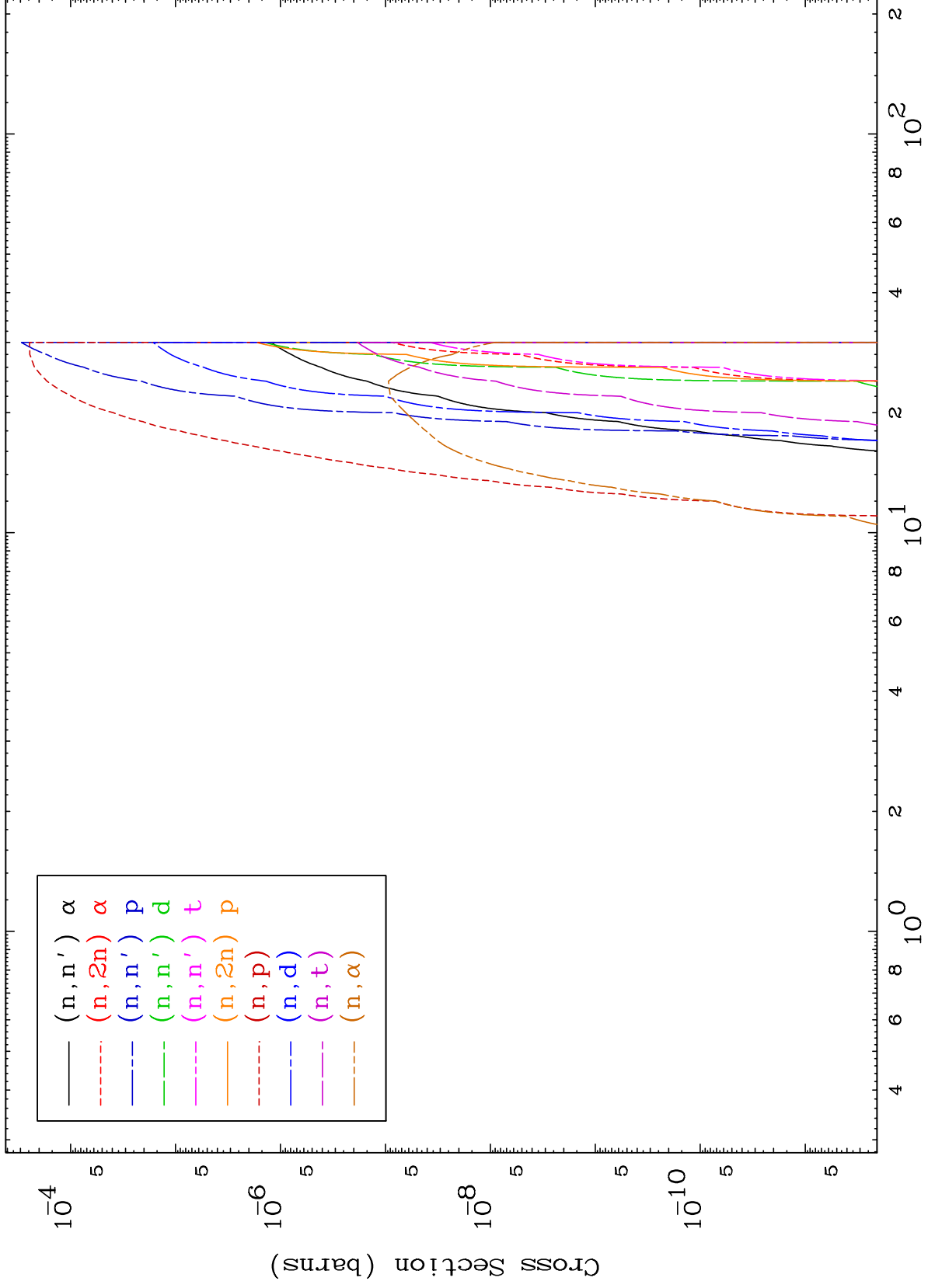
80-Hg-203



MAT 8046

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-203

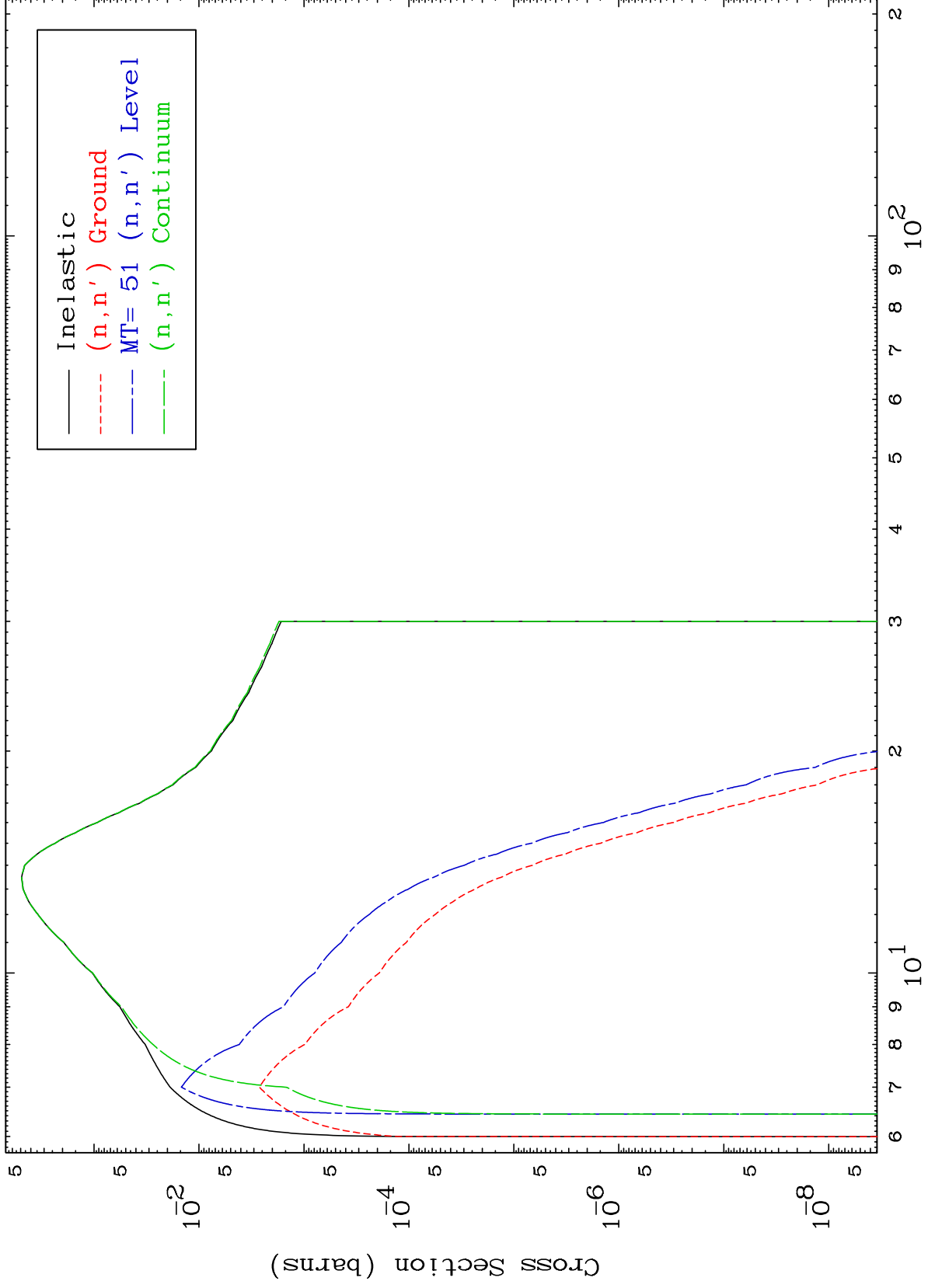


MAT 8046

(γ, n') Levels

80-Hg-203

0 Kelvin Cross Sections



5

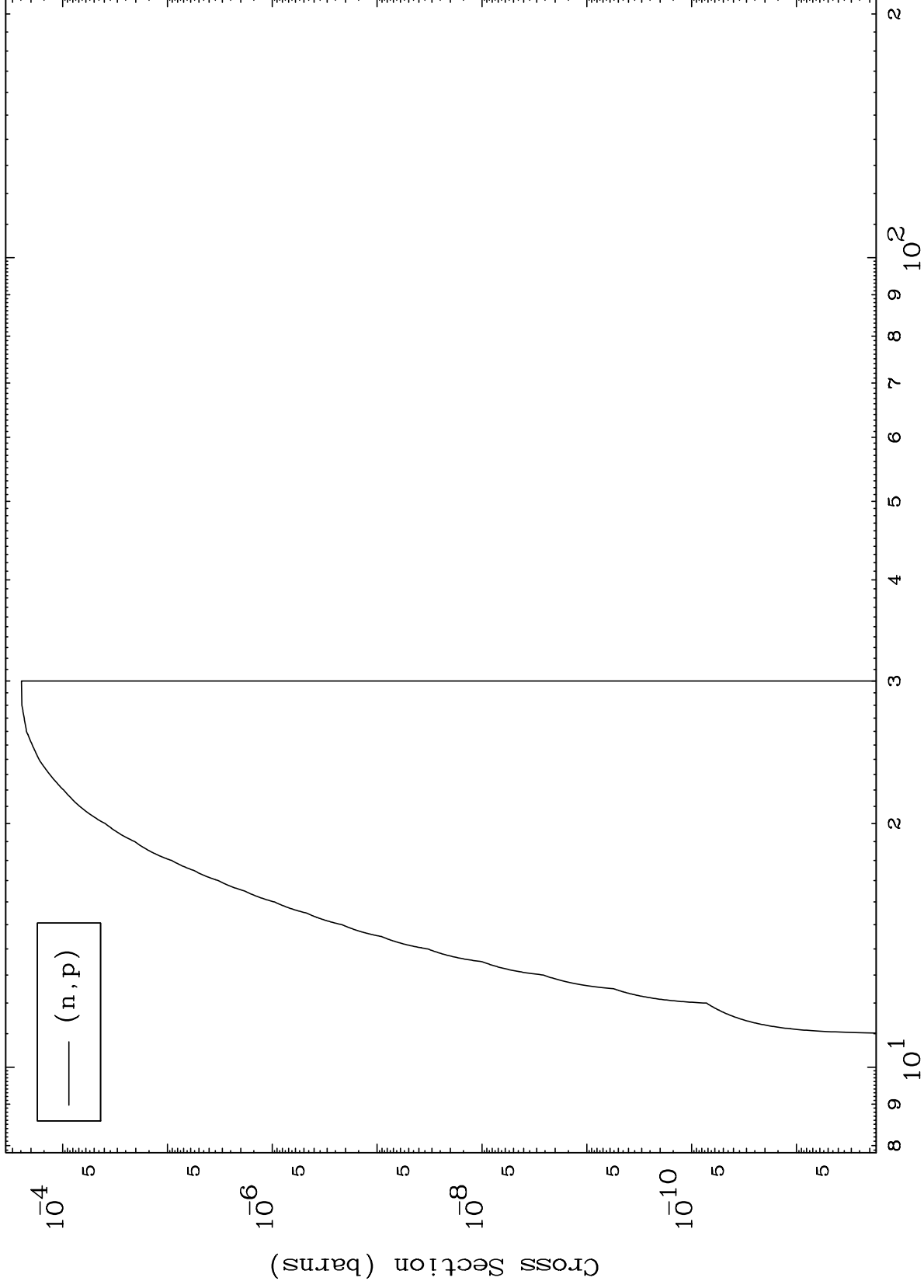
Incident Energy (MeV)

80-Hg-203

MAT 8046

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-203



6

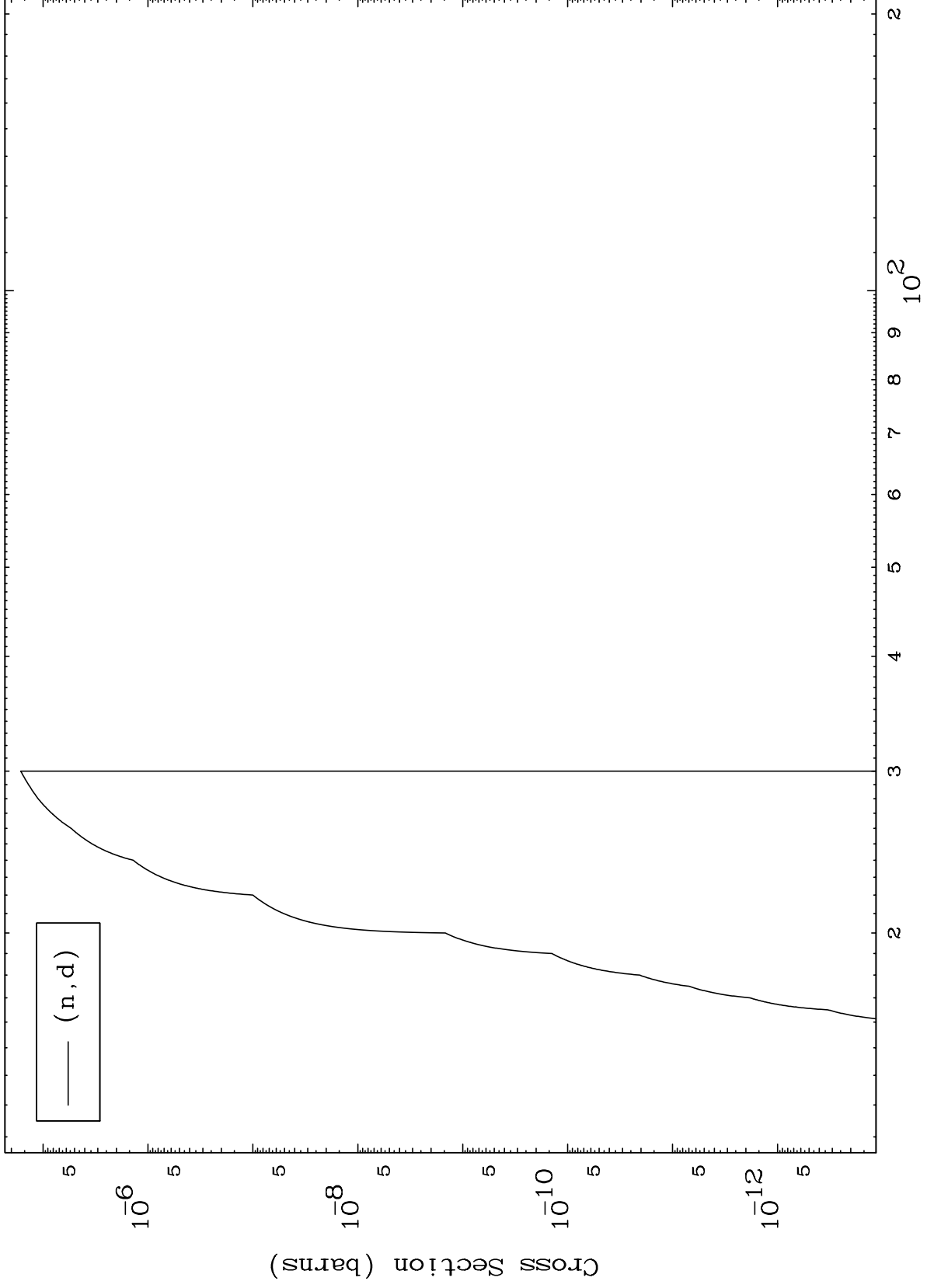
Incident Energy (MeV)

80-Hg-203

MAT 8046

(γ, d) Levels
0 Kelvin Cross Sections

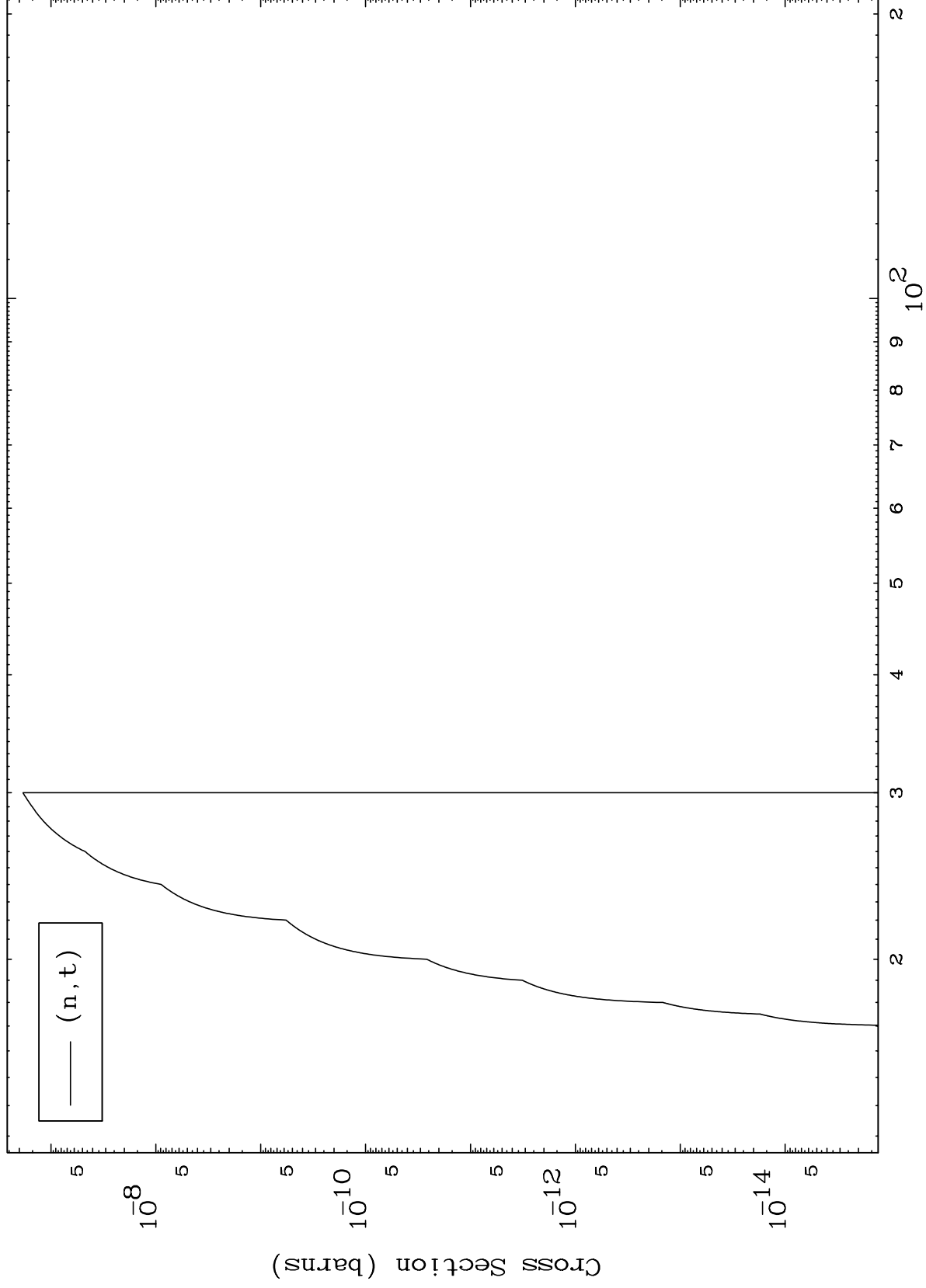
80-Hg-203



MAT 8046

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-203



8

Incident Energy (MeV)

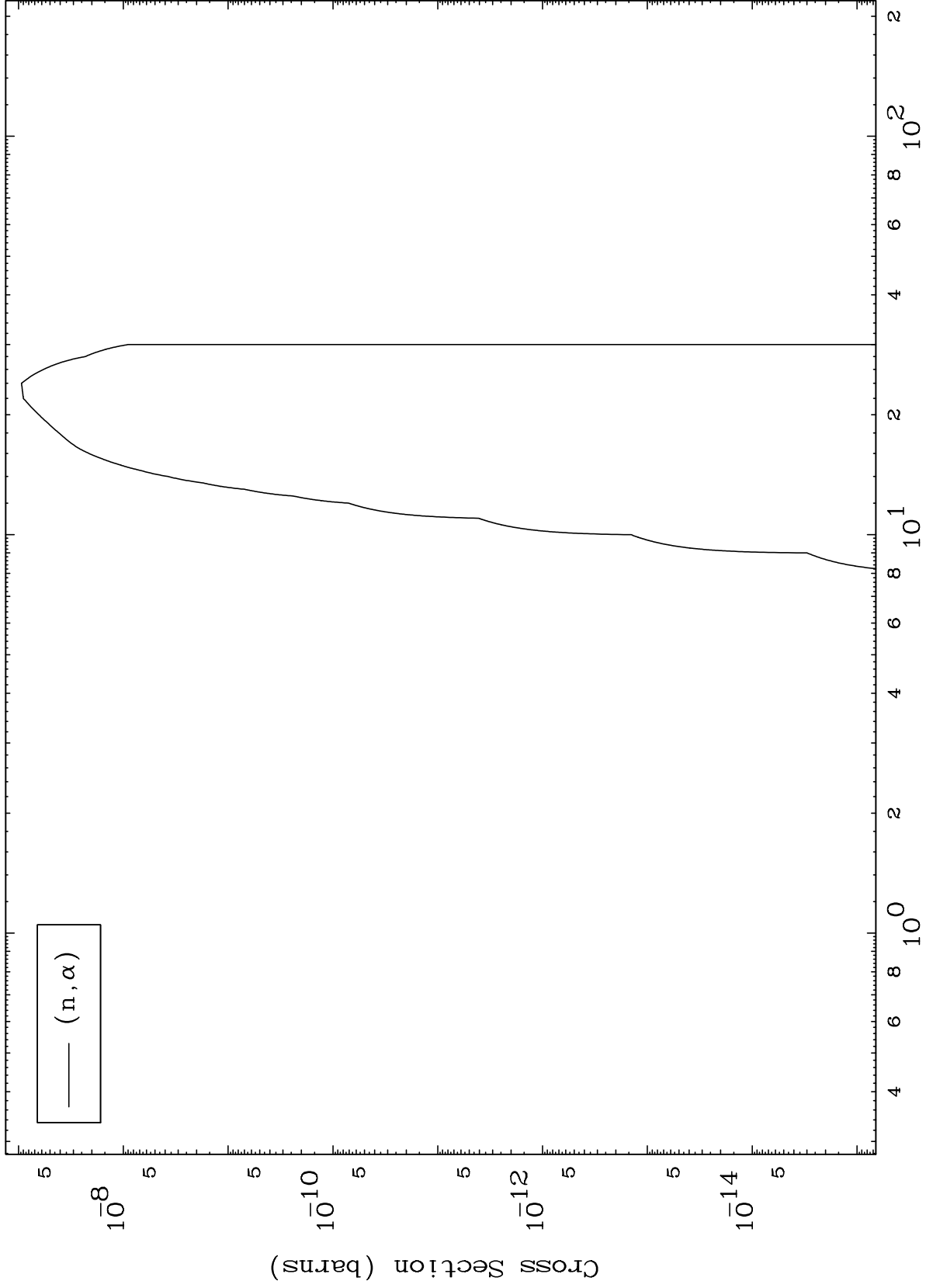
80-Hg-203

MAT 8046

(γ, α) Levels

80-Hg-203

0 Kelvin Cross Sections

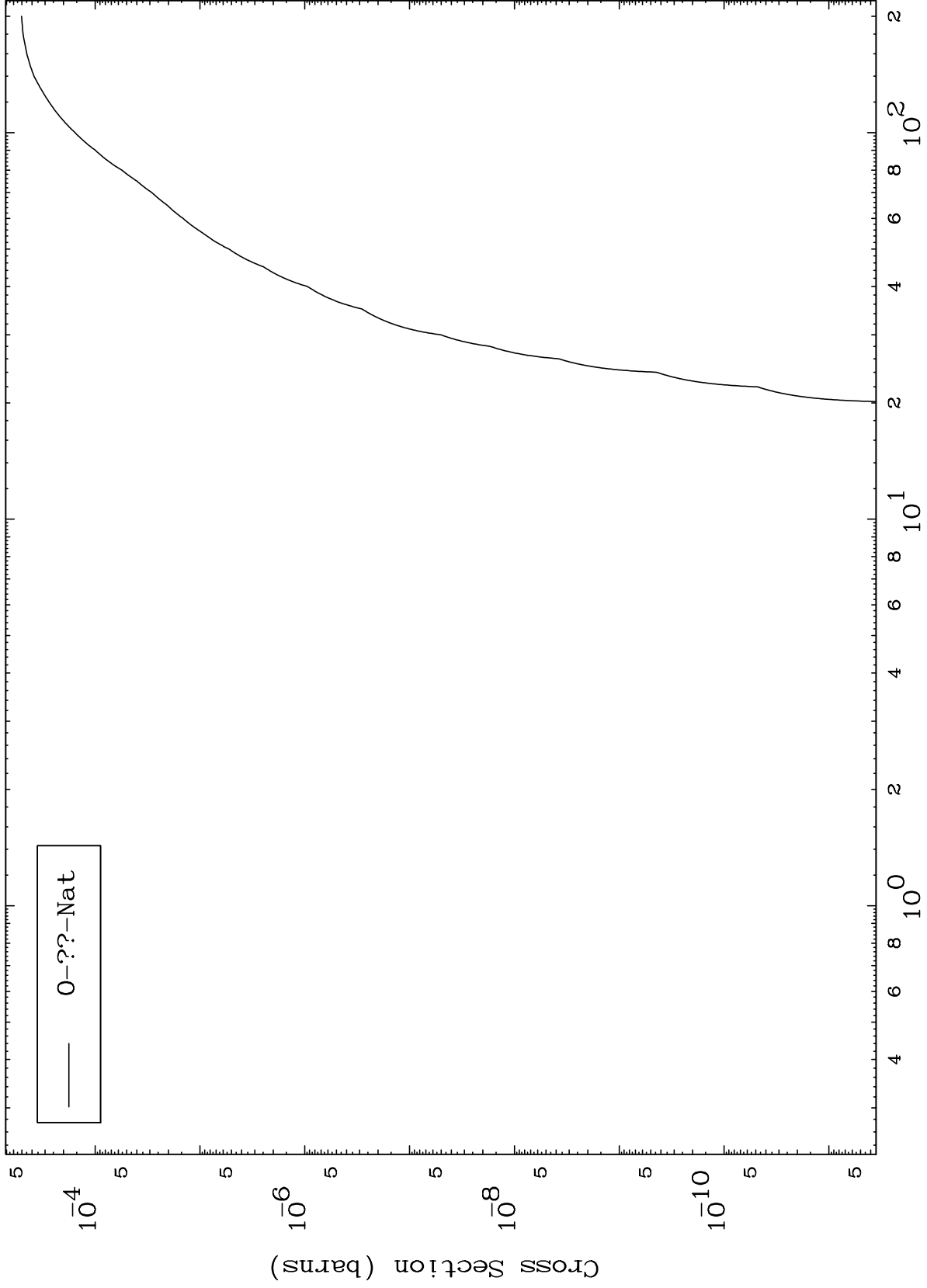


MAT 8046

Fission

80-Hg-203

Radionuclide Production Cross Section



10

Incident Energy (MeV)

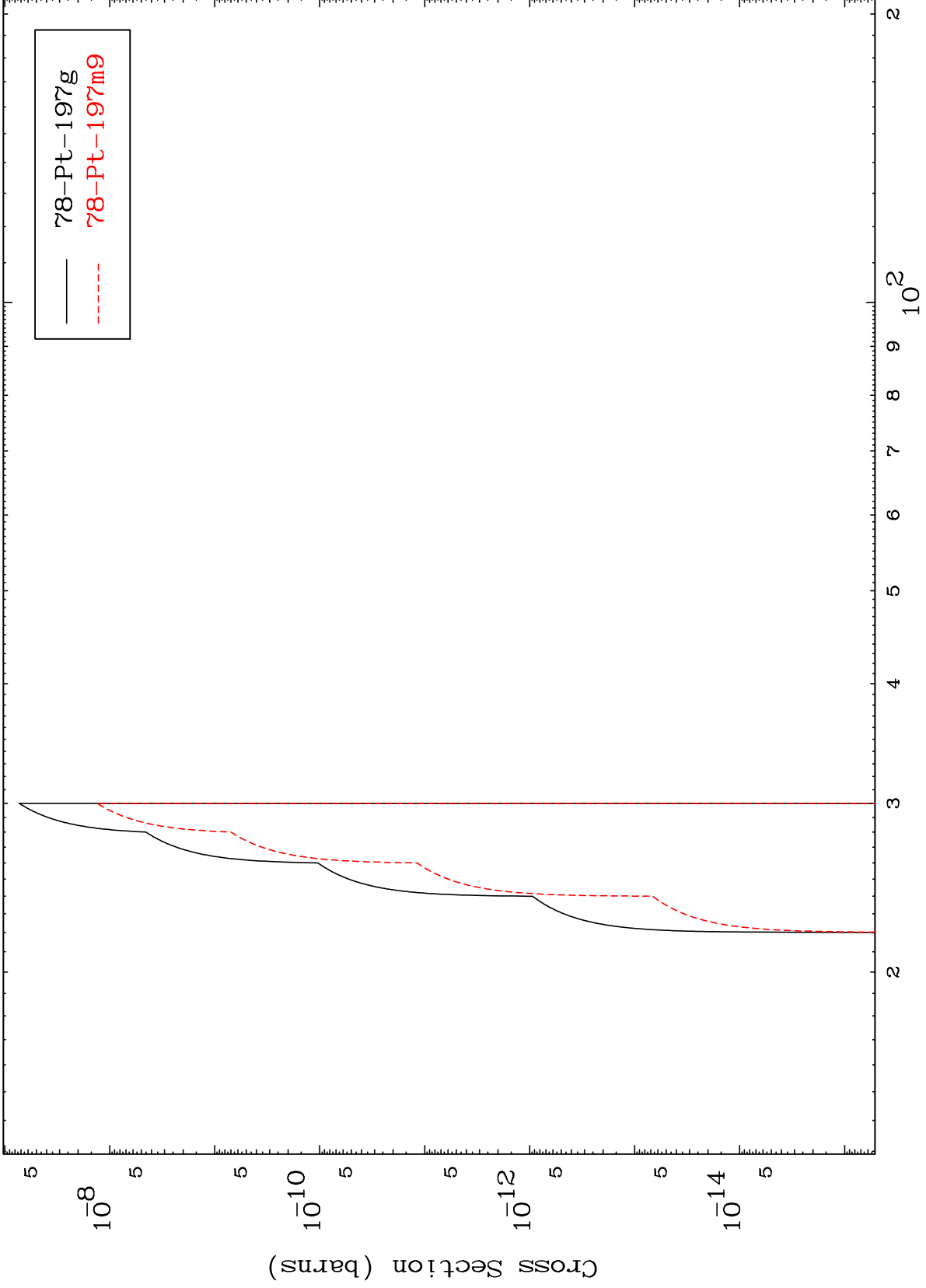
80-Hg-203

MAT 8046

$(n,2n) \alpha$

80-Hg-203

Radionuclide Production Cross Section

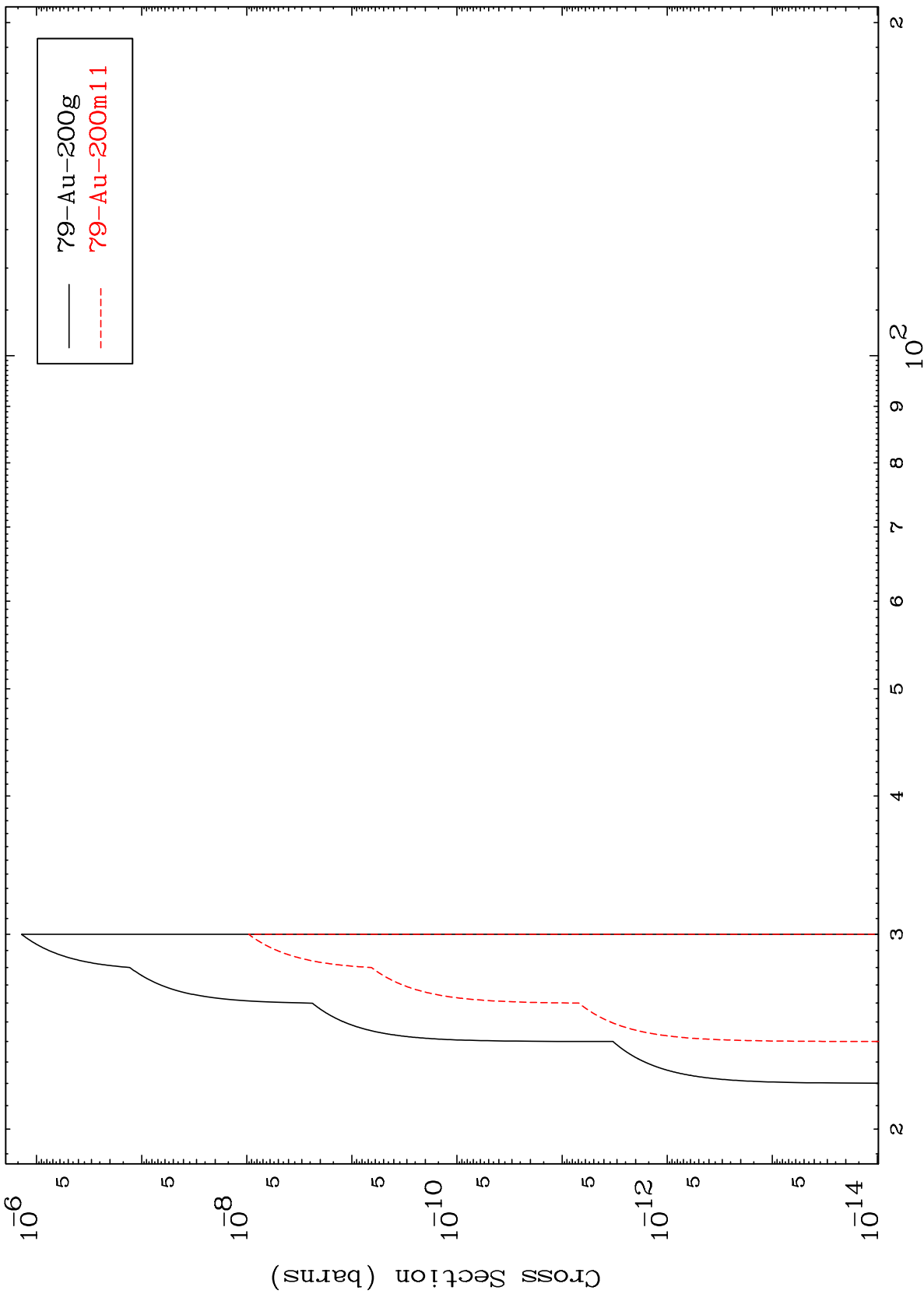


MAT 8046

(n,n') d

80-Hg-203

Radionuclide Production Cross Section



12

Incident Energy (MeV)

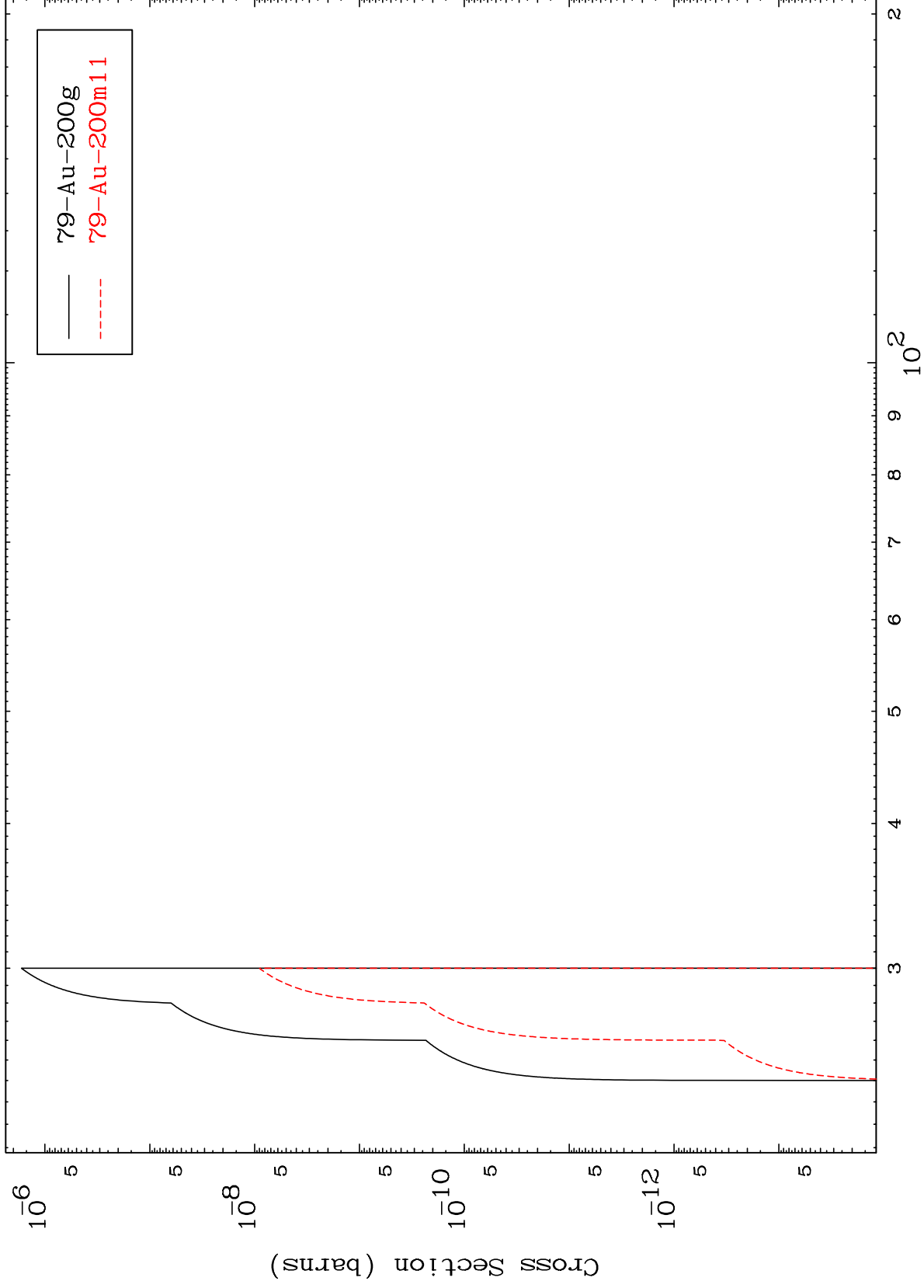
80-Hg-203

MAT 8046

(n,2n) p

80-Hg-203

Radionuclide Production Cross Section



13

Incident Energy (MeV)

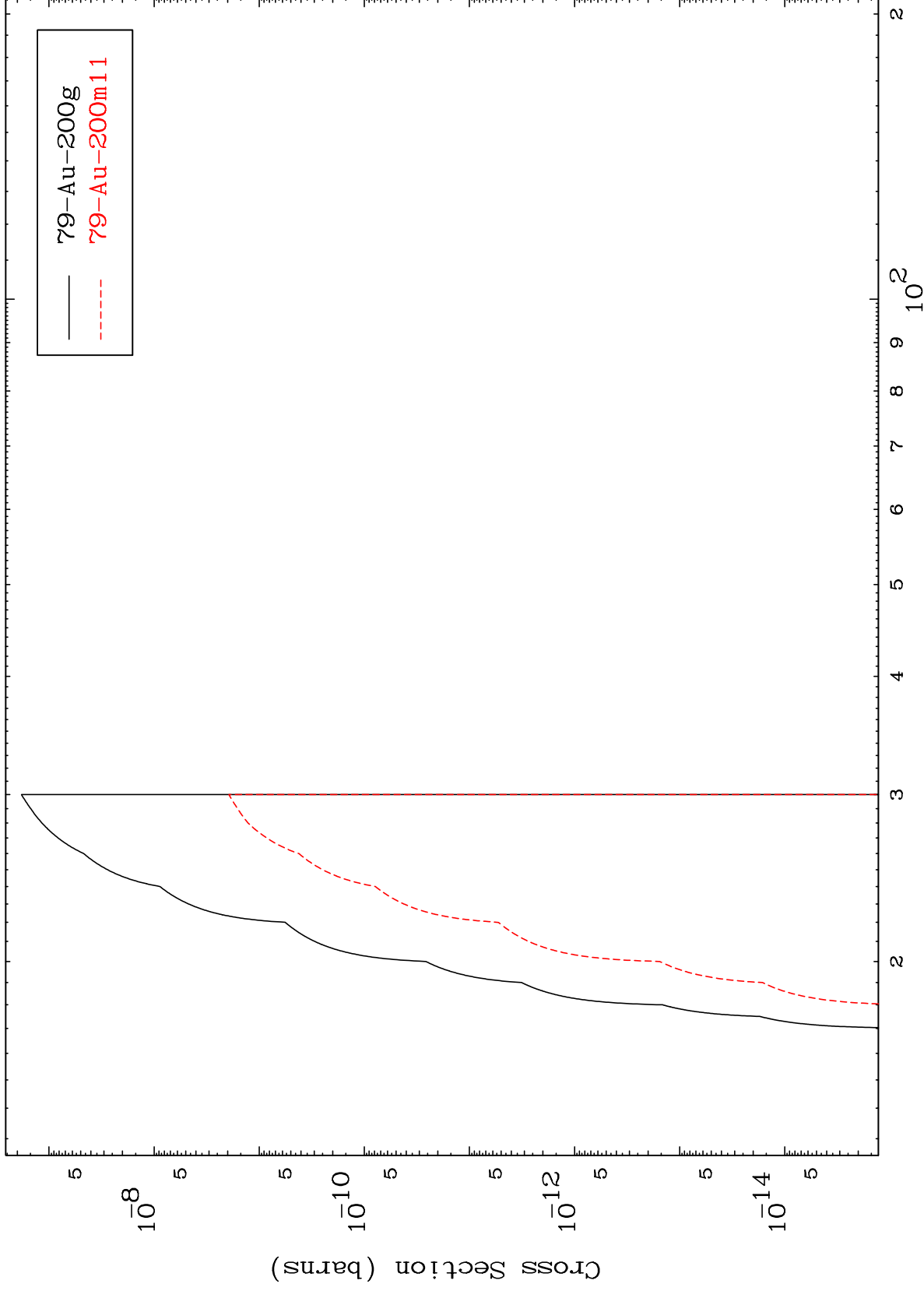
80-Hg-203

MAT 8046

(n, t)

80-Hg-203

Radionuclide Production Cross Section



14

Incident Energy (MeV)

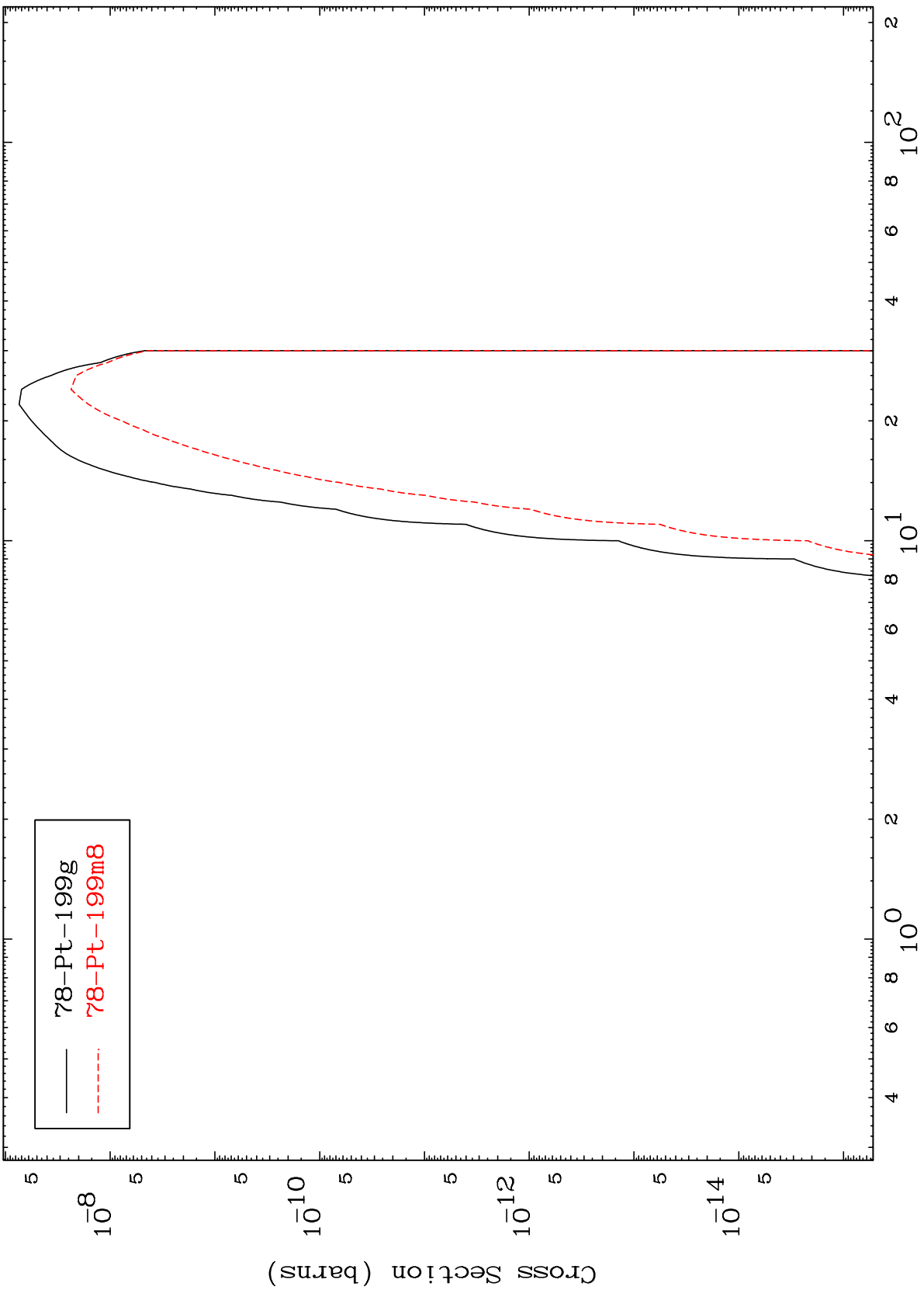
80-Hg-203

MAT 8046

(n, α)

80-Hg-203

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8

15

Incident Energy (MeV)

80-Hg-203