

Program EVALPLOT
(Version 2021-1)

by

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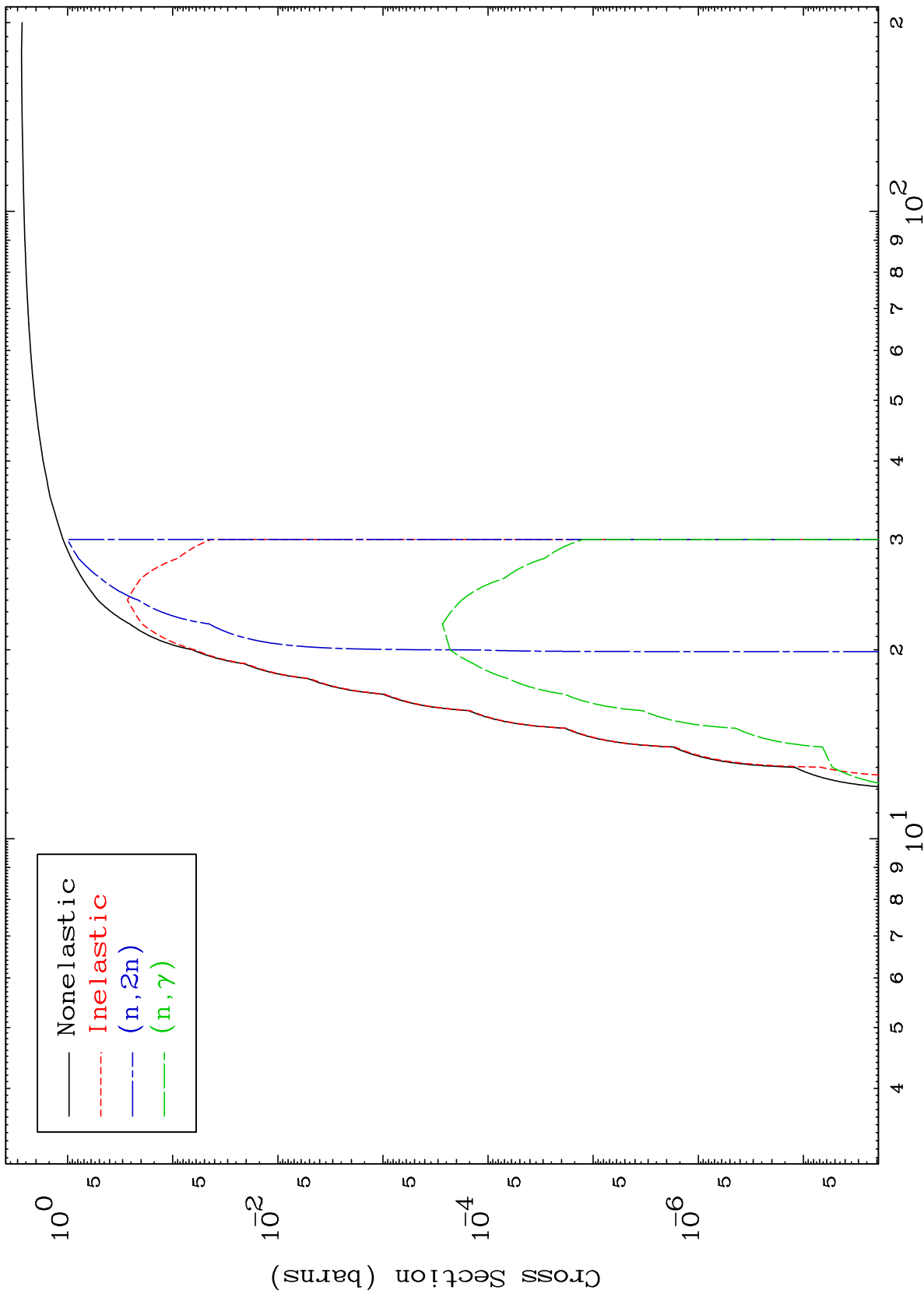
Press Mouse Button to Start

MAT 8025

0 Kelvin

Major Cross Sections

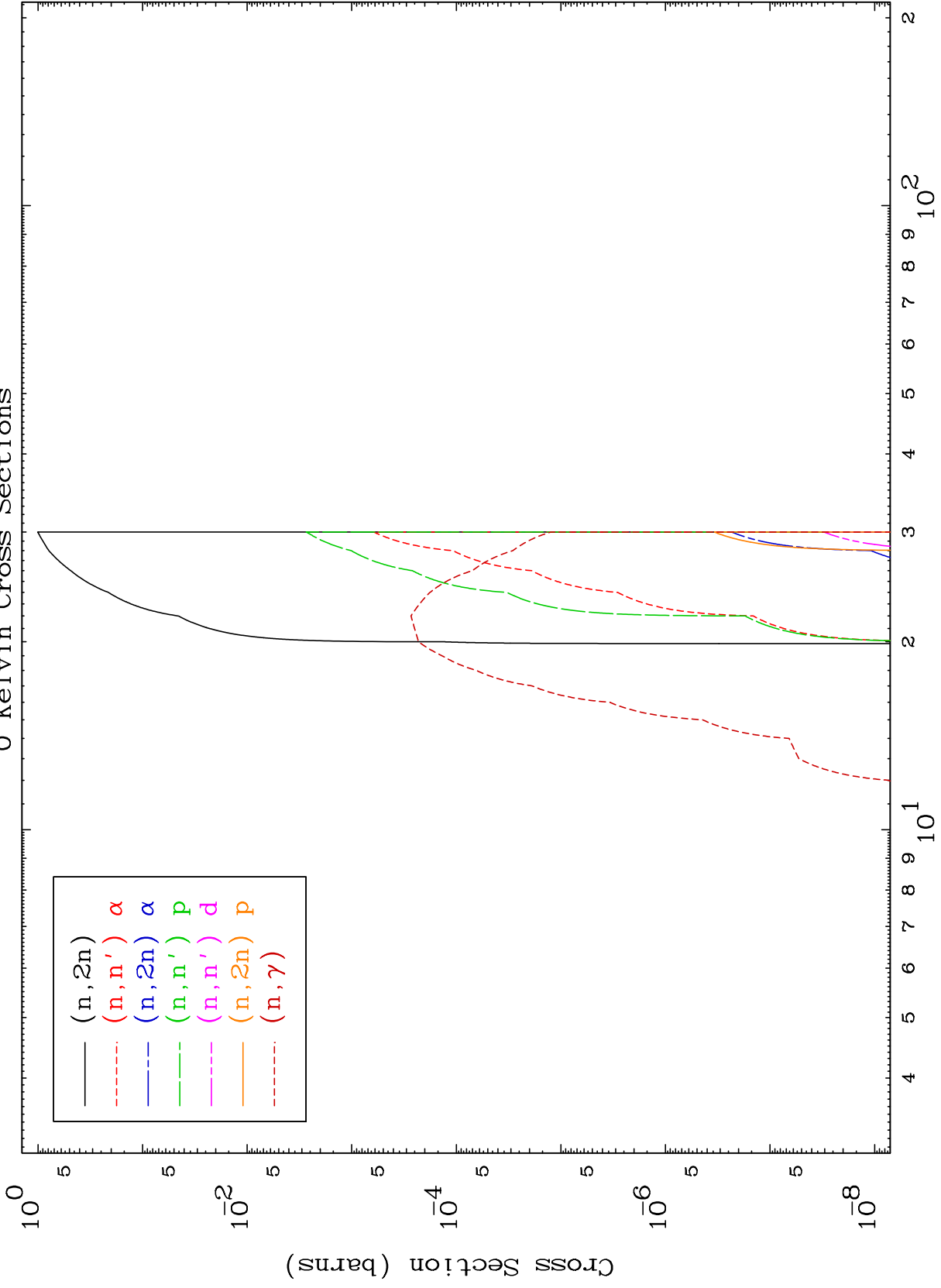
80-Hg-196



MAT 8025

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-196

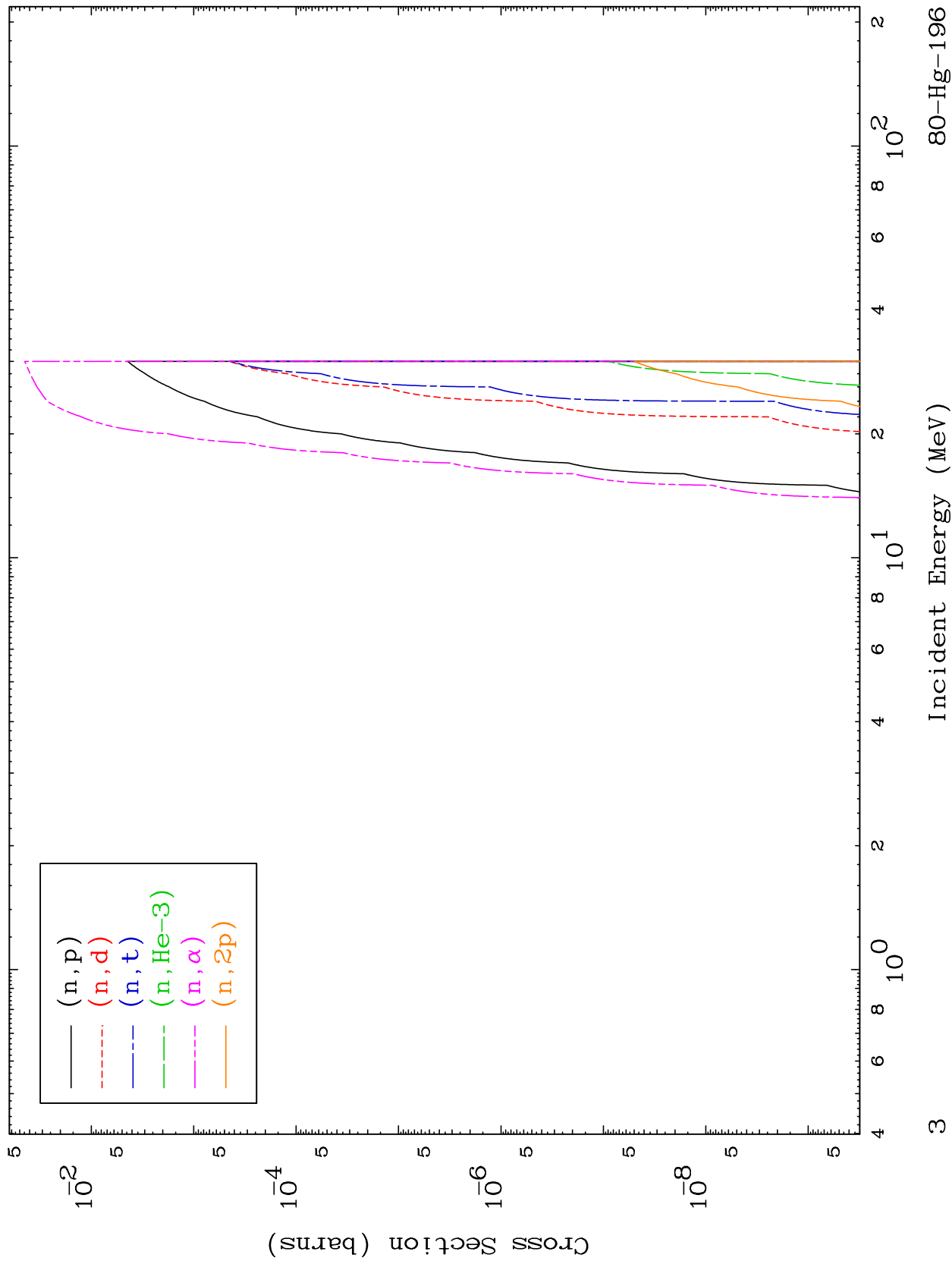


MAT 8025

α Neutron Absorption

80-Hg-196

0 Kelvin Cross Sections



Incident Energy (MeV)

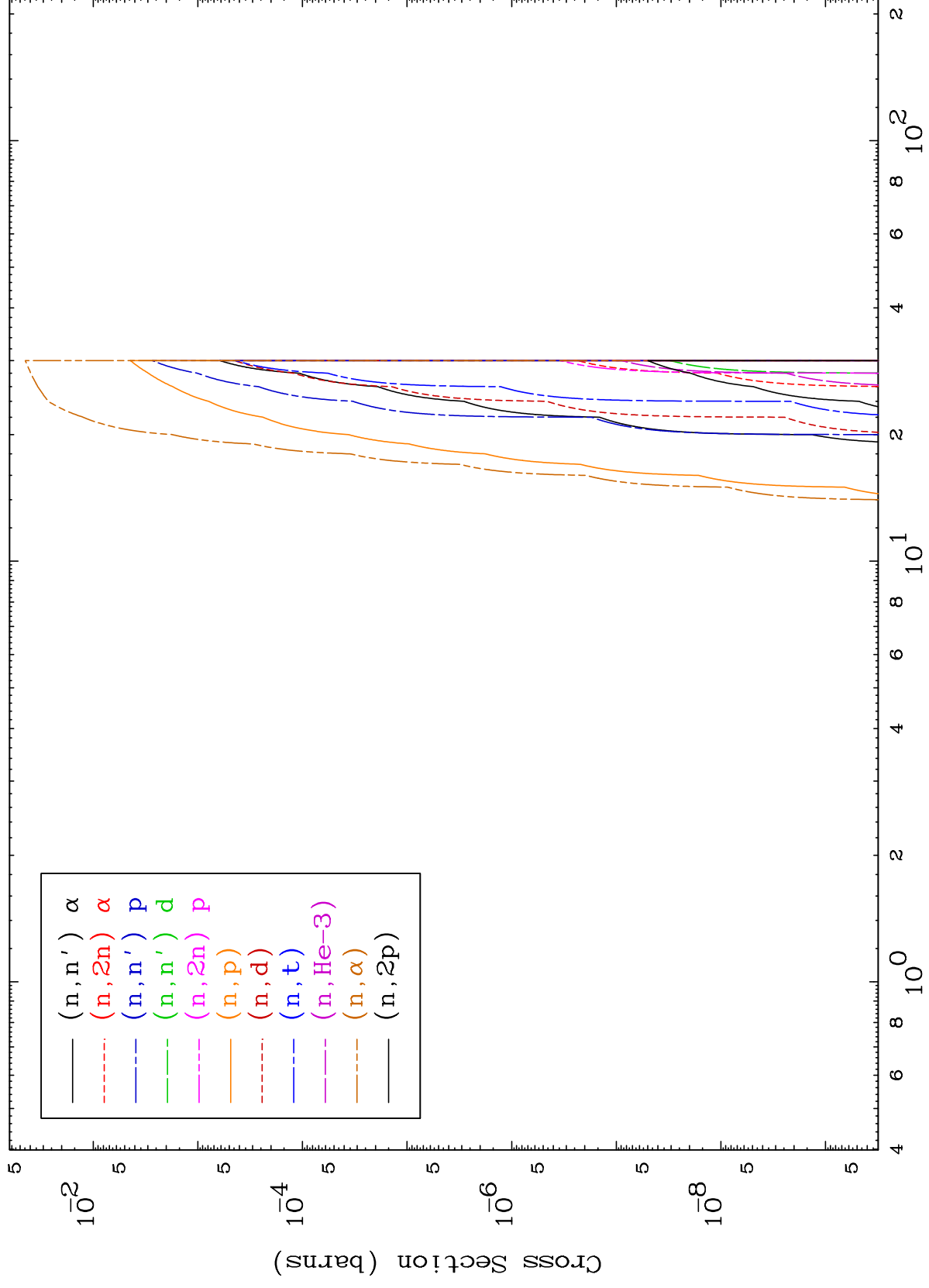
80-Hg-196

3

MAT 8025

α Charged Particle
0 Kelvin Cross Sections

80-Hg-196



4

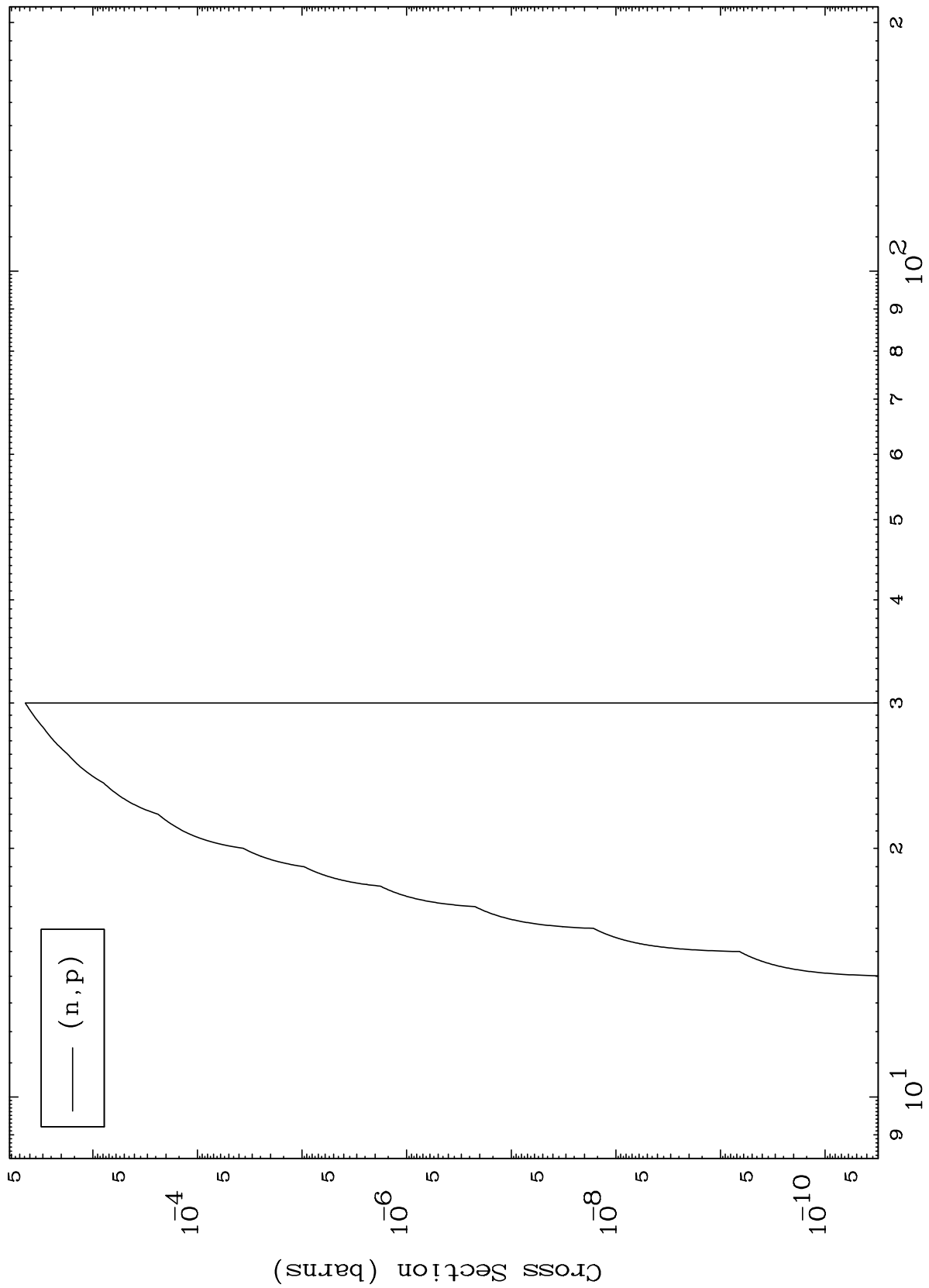
Incident Energy (MeV)

80-Hg-196

MAT 8025

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-196



Incident Energy (MeV)

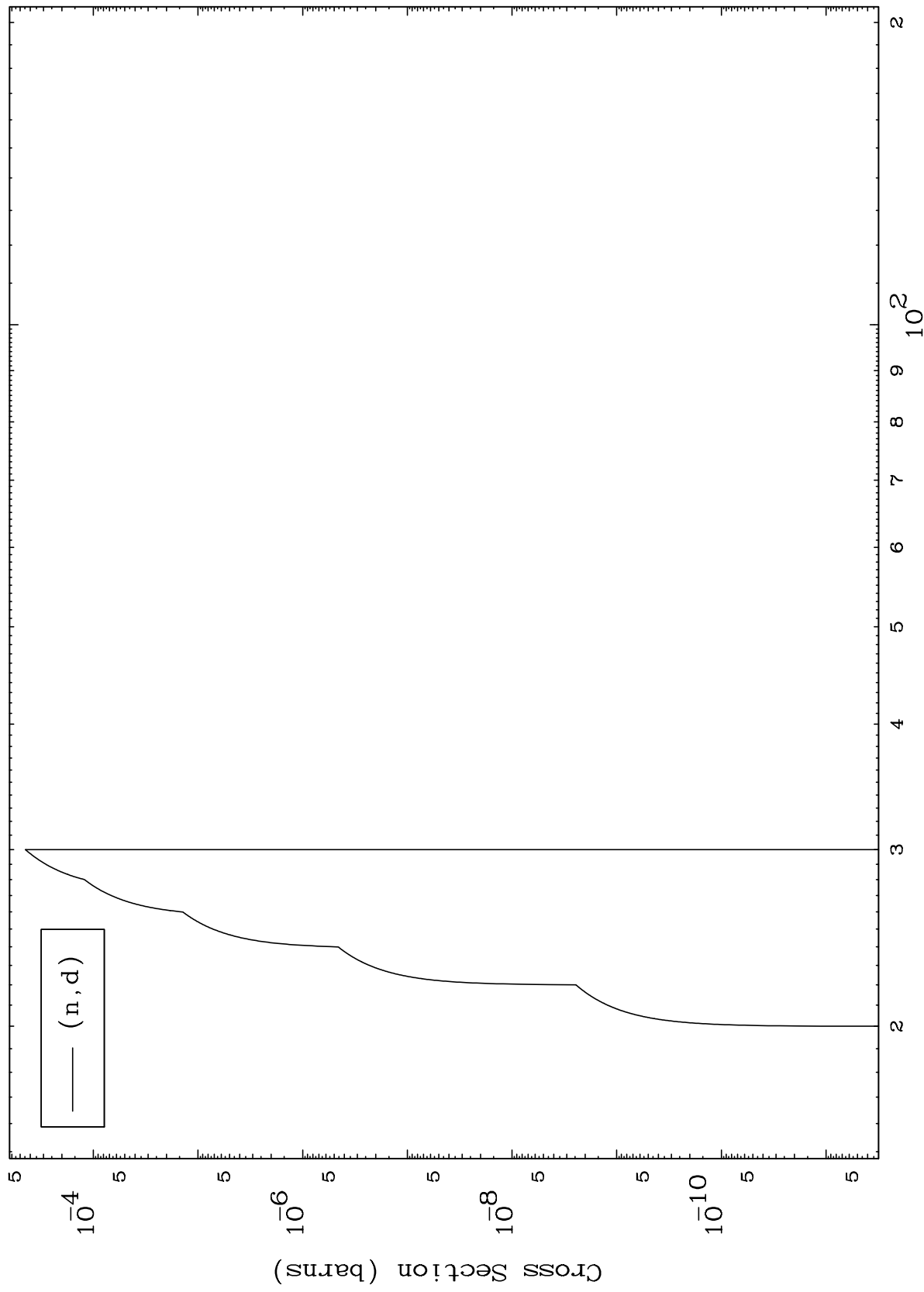
80-Hg-196

5

MAT 8025

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-196



6

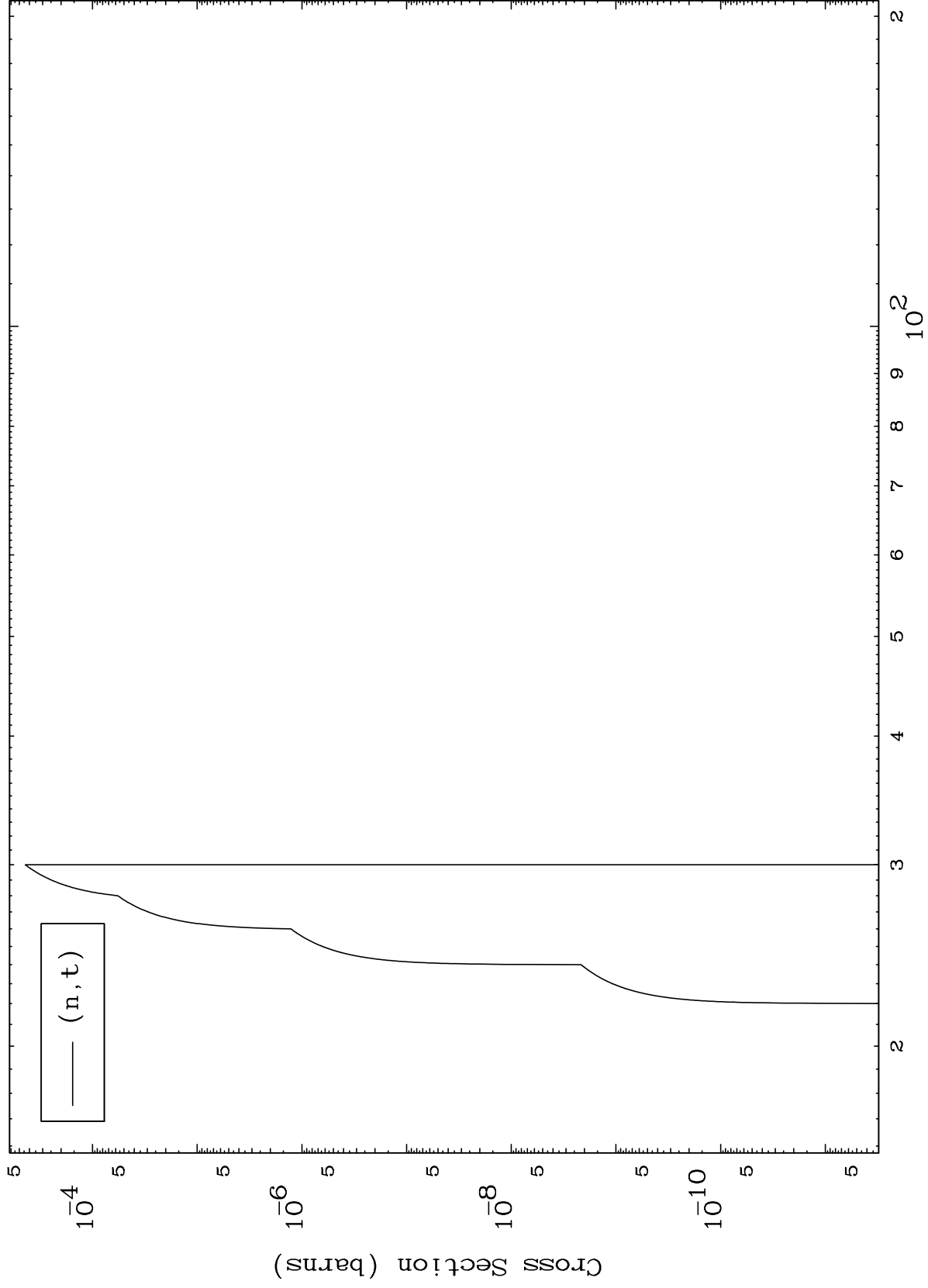
Incident Energy (MeV)

80-Hg-196

MAT 8025

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-196

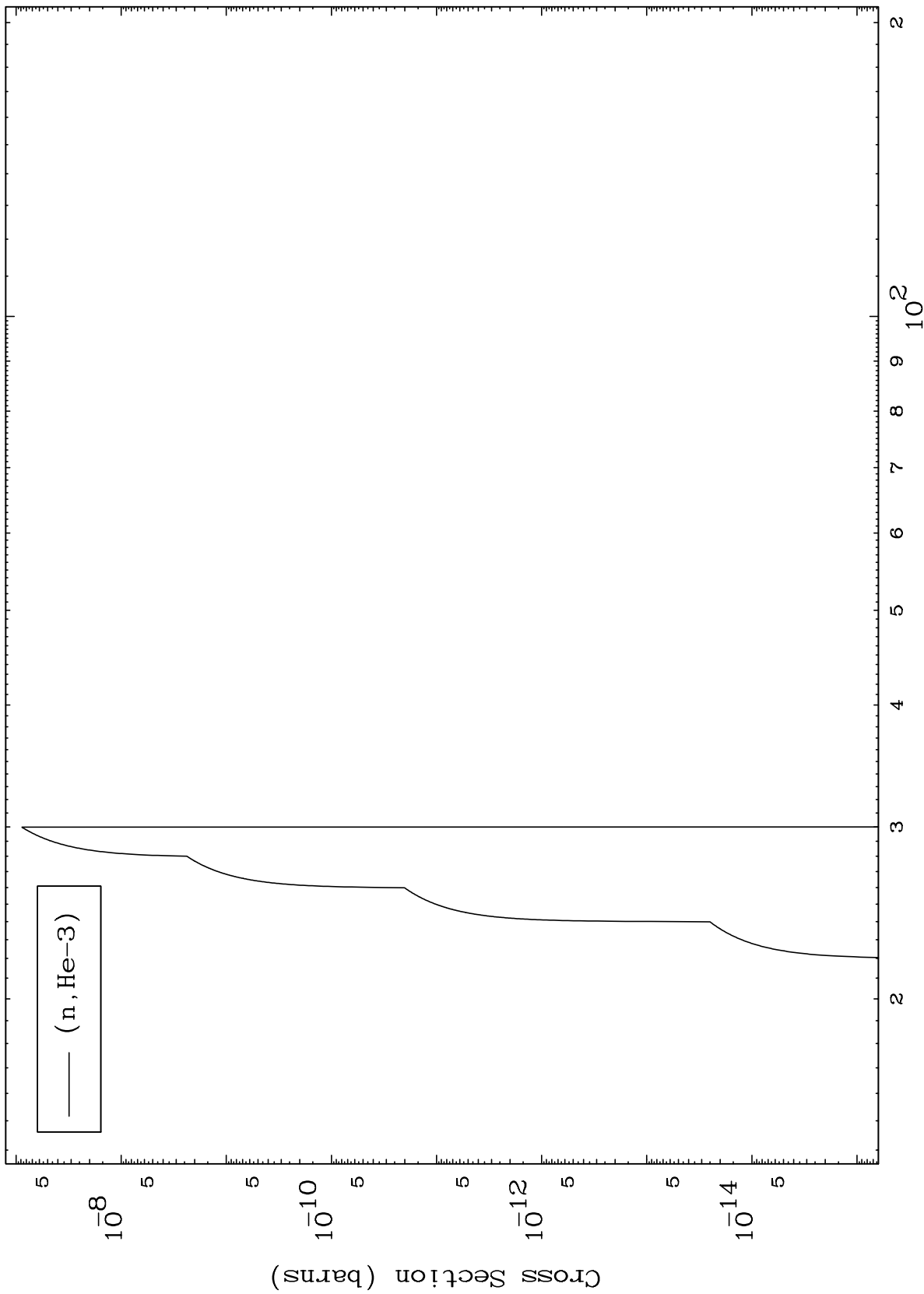


7

Incident Energy (MeV)

80-Hg-196

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

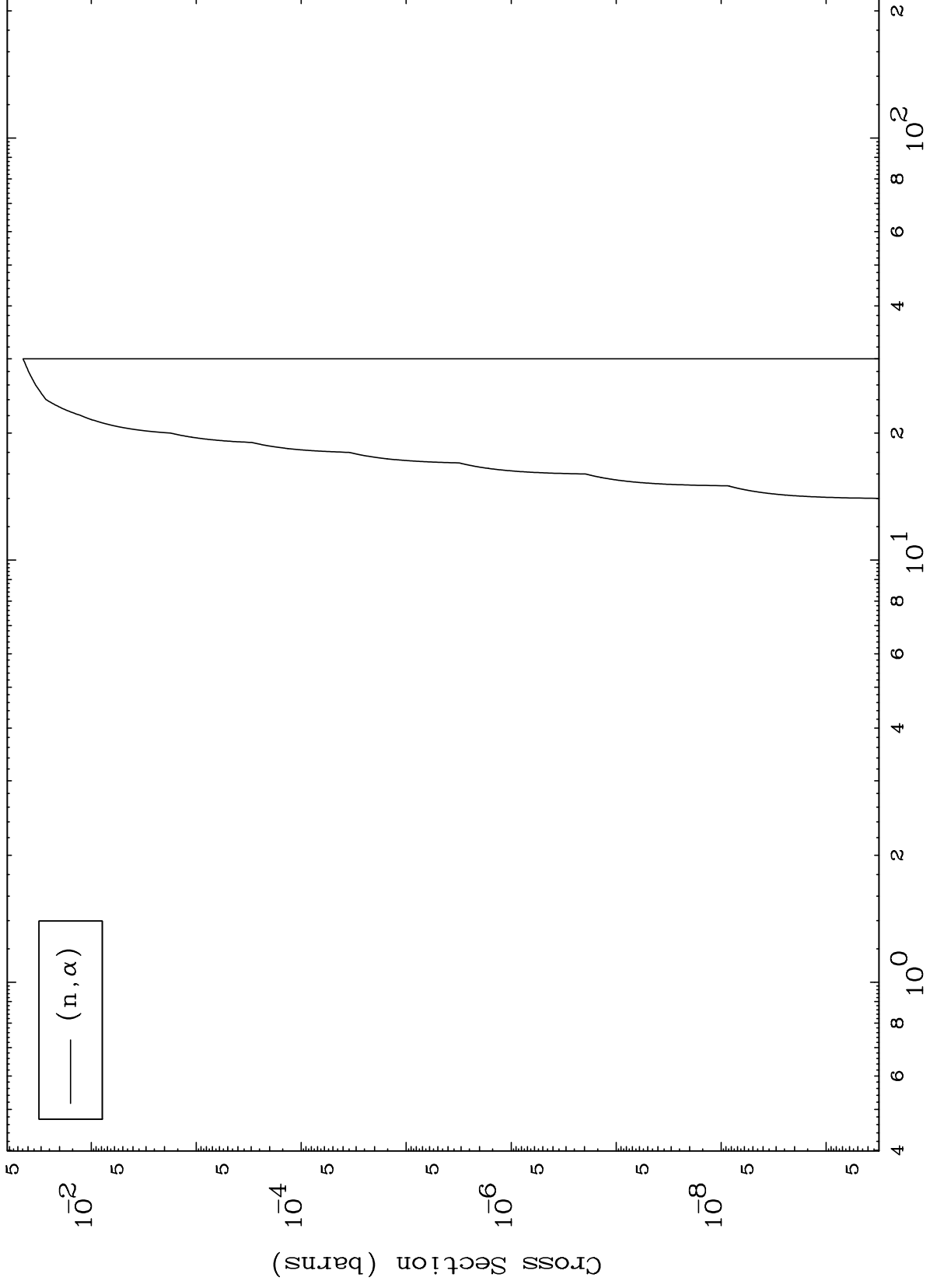


MAT 8025

(α, α) Levels

80-Hg-196

0 Kelvin Cross Sections



9

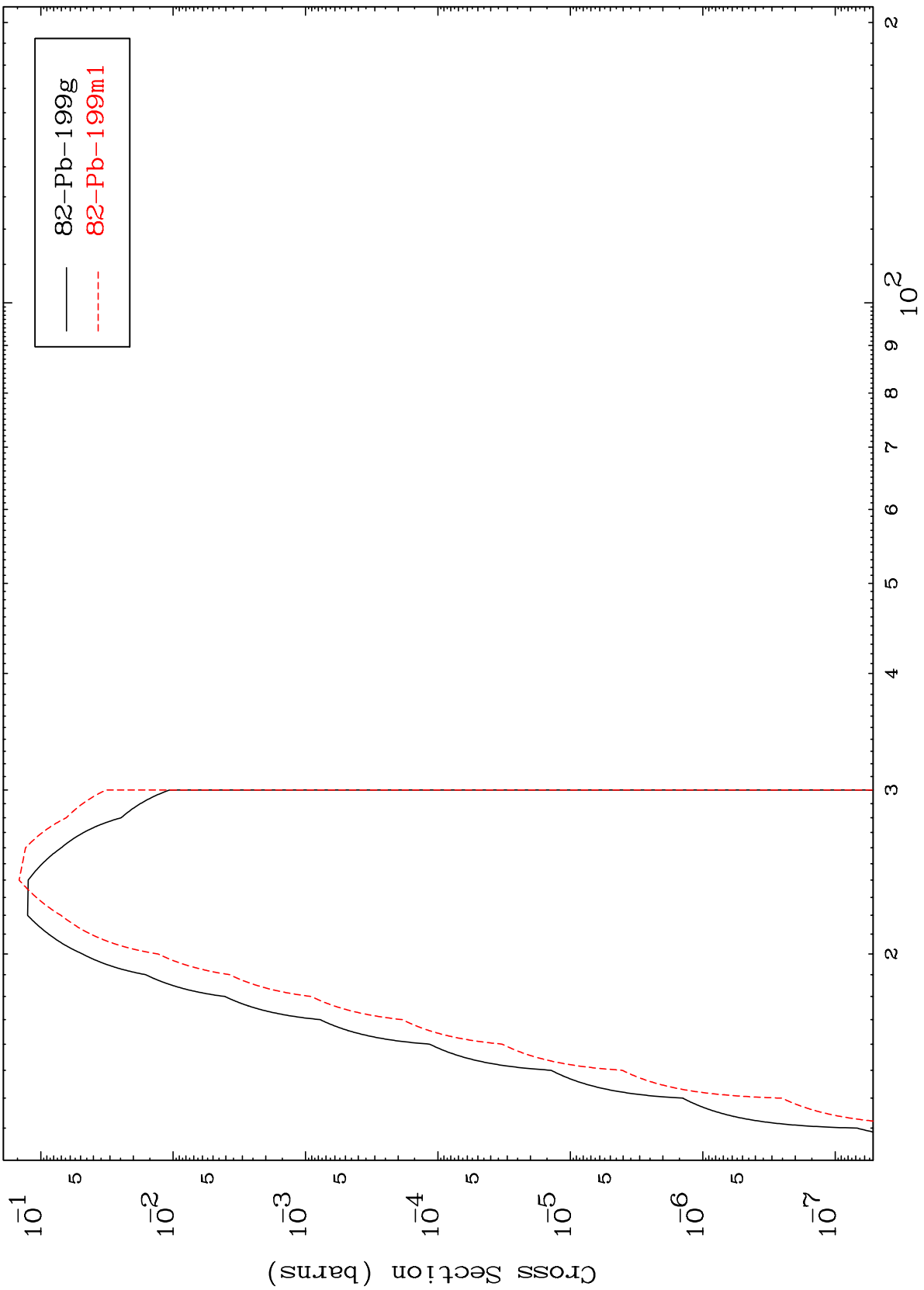
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

Inelastic
Radionuclide Production Cross Section



10

Incident Energy (MeV)

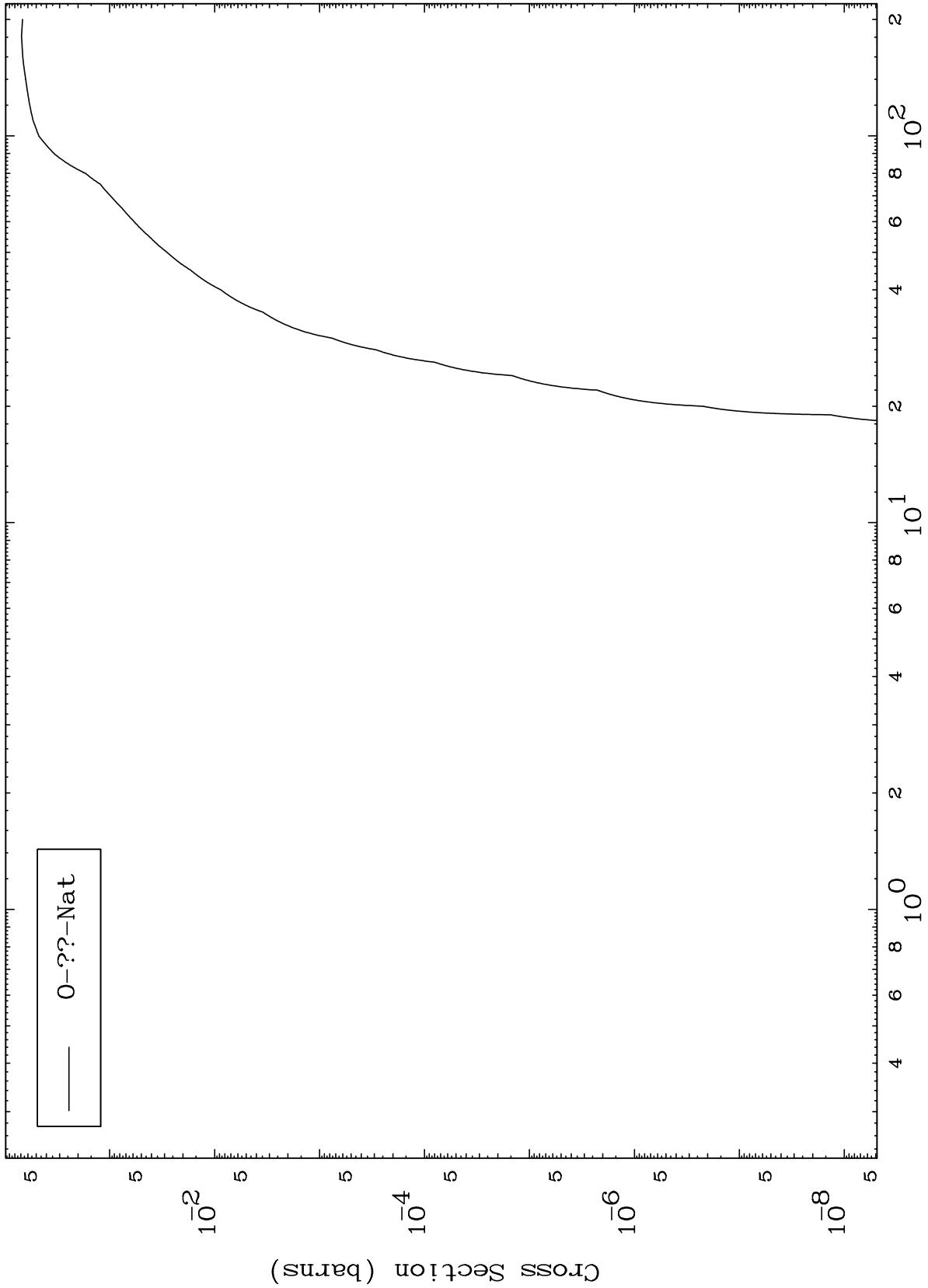
80-Hg-196

MAT 8025

Fission

80-Hg-196

Radionuclide Production Cross Section

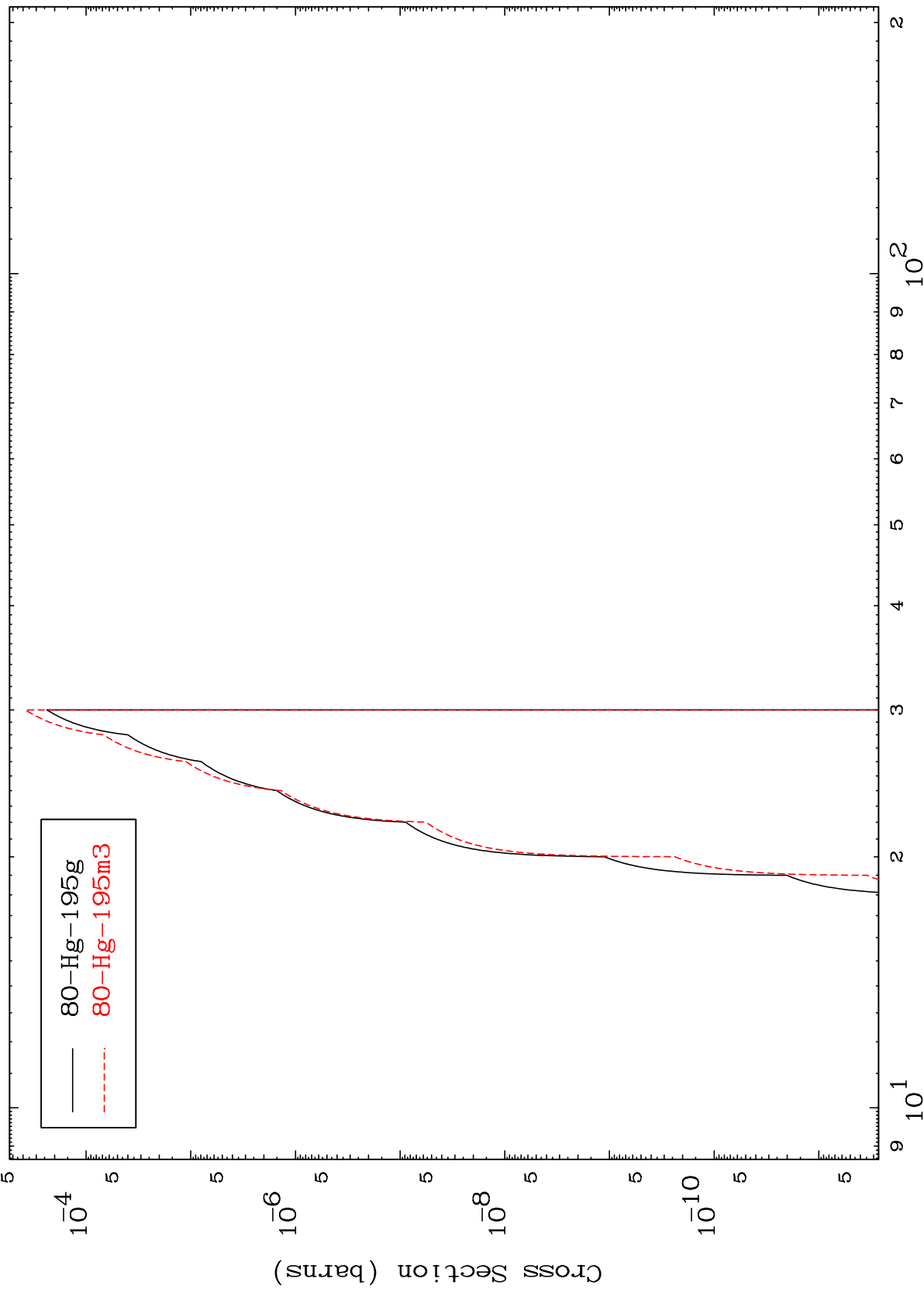


MAT 8025

80-Hg-196

(n,n') α

Radionuclide Production Cross Section



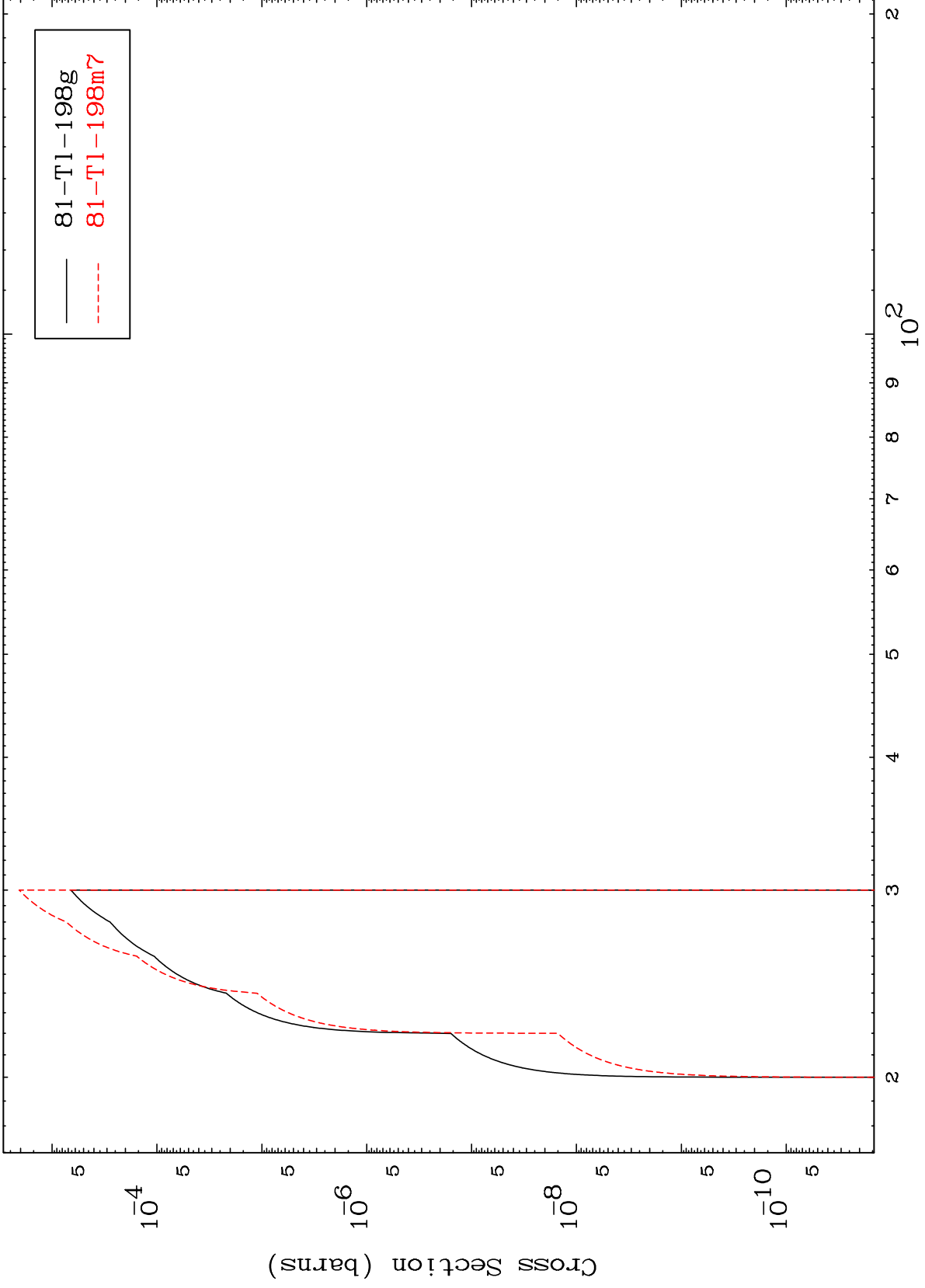
80-Hg-195g
80-Hg-195m3

80-Hg-196

Incident Energy (MeV)

12

(n, n') p
Radionuclide Production Cross Section

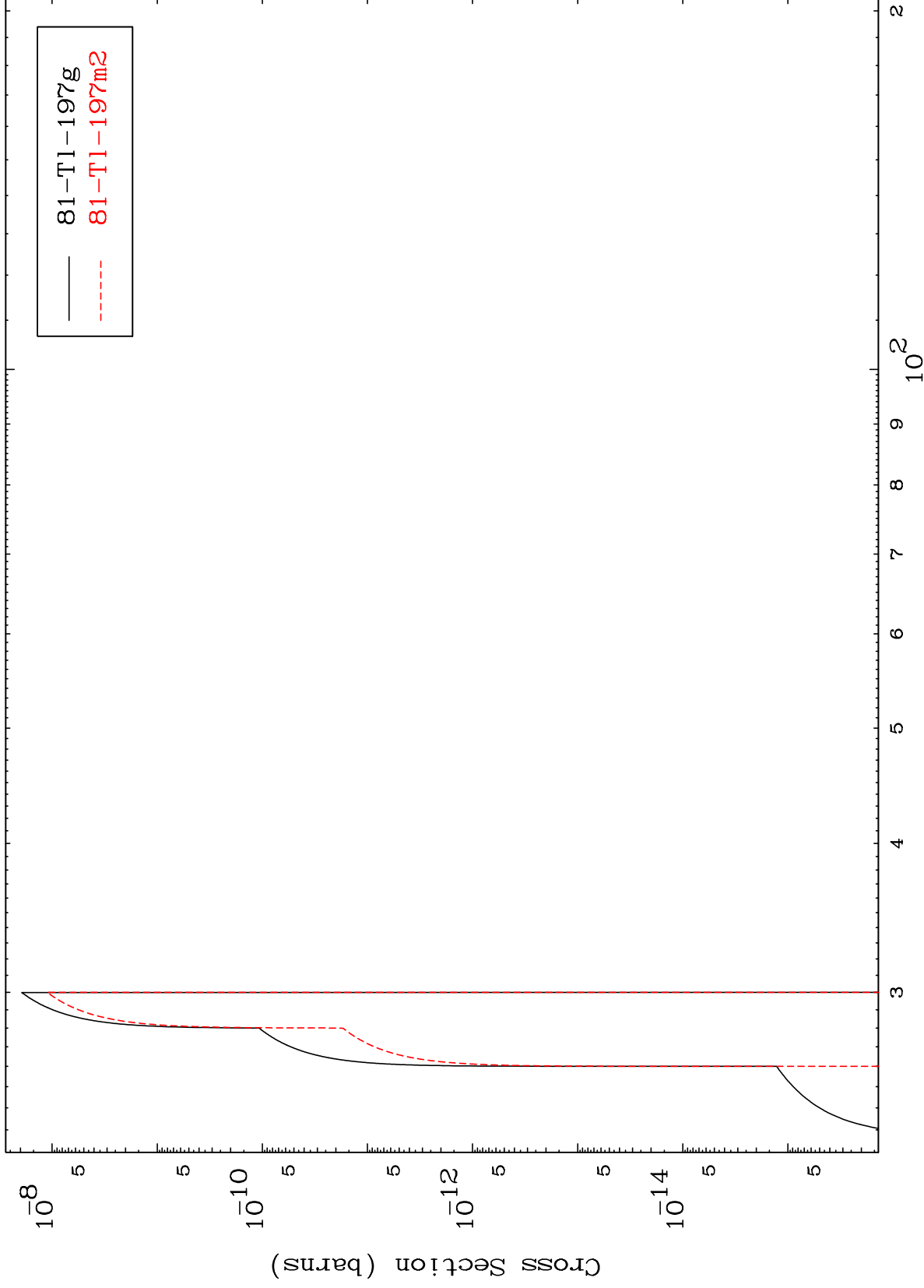


MAT 8025

(n,n') d

80-Hg-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

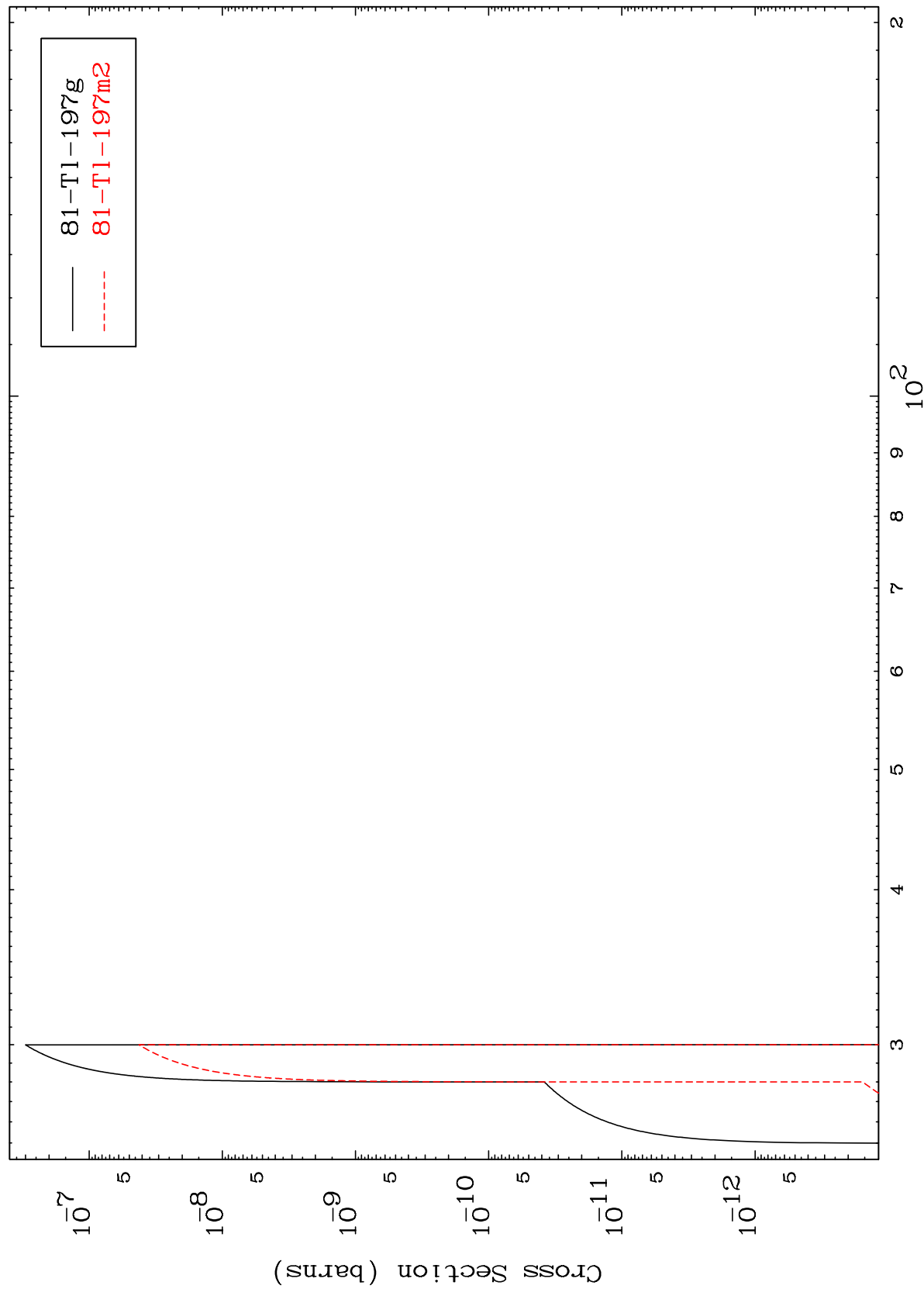
80-Hg-196

MAT 8025

(n,2n) p

80-Hg-196

Radionuclide Production Cross Section



15

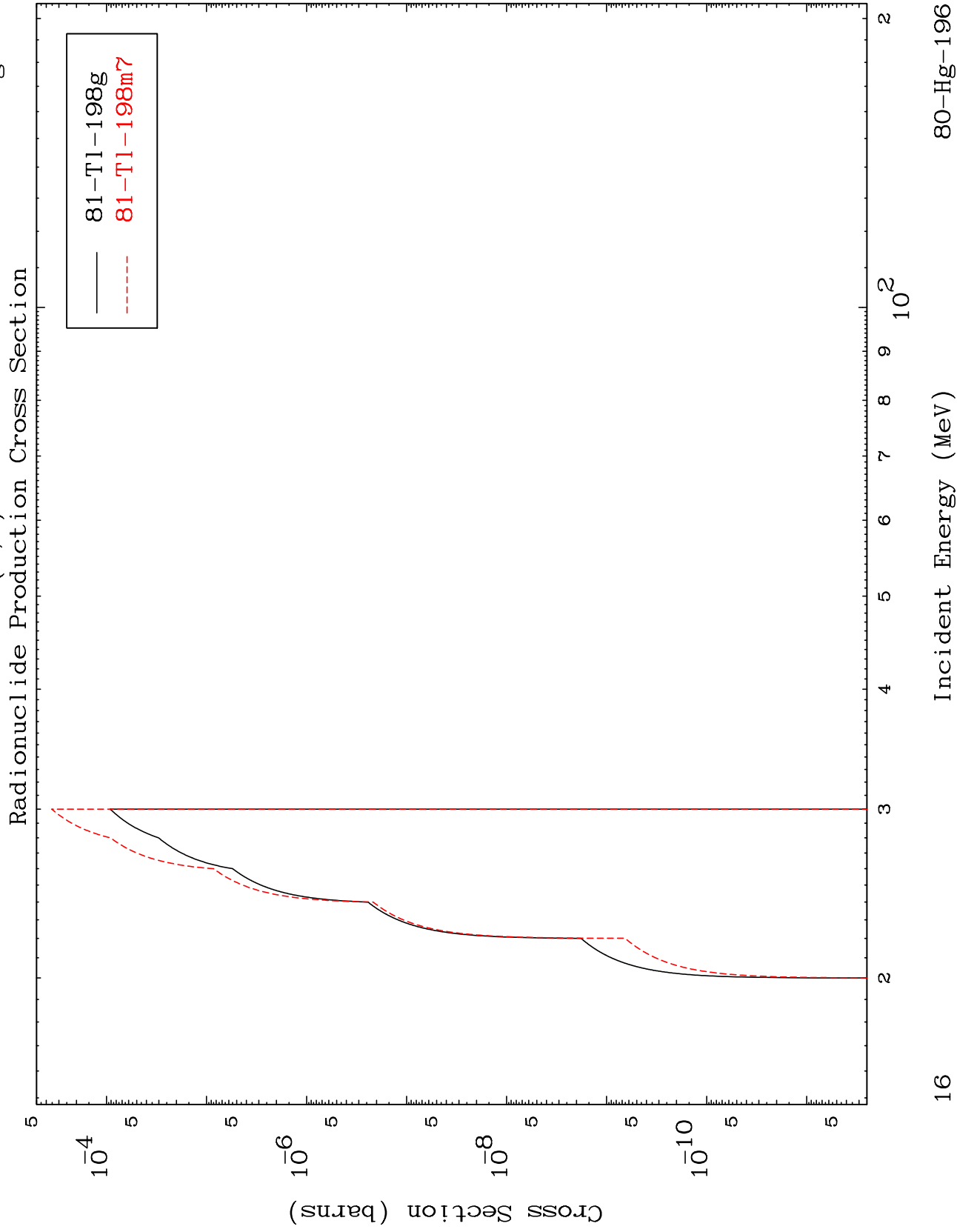
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,d)

80-Hg-196



16

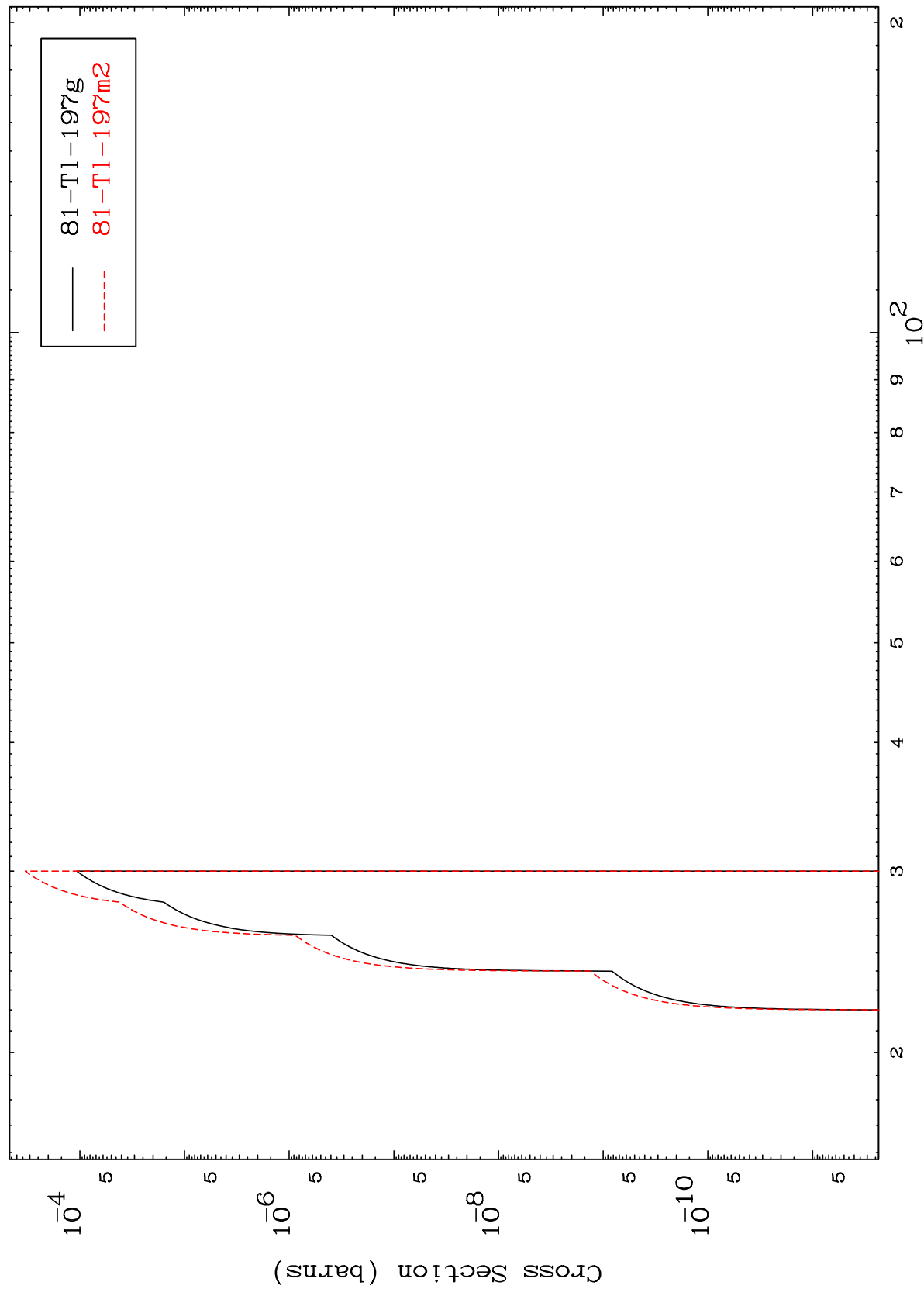
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,t)
Radionuclide Production Cross Section



17

80-Hg-196

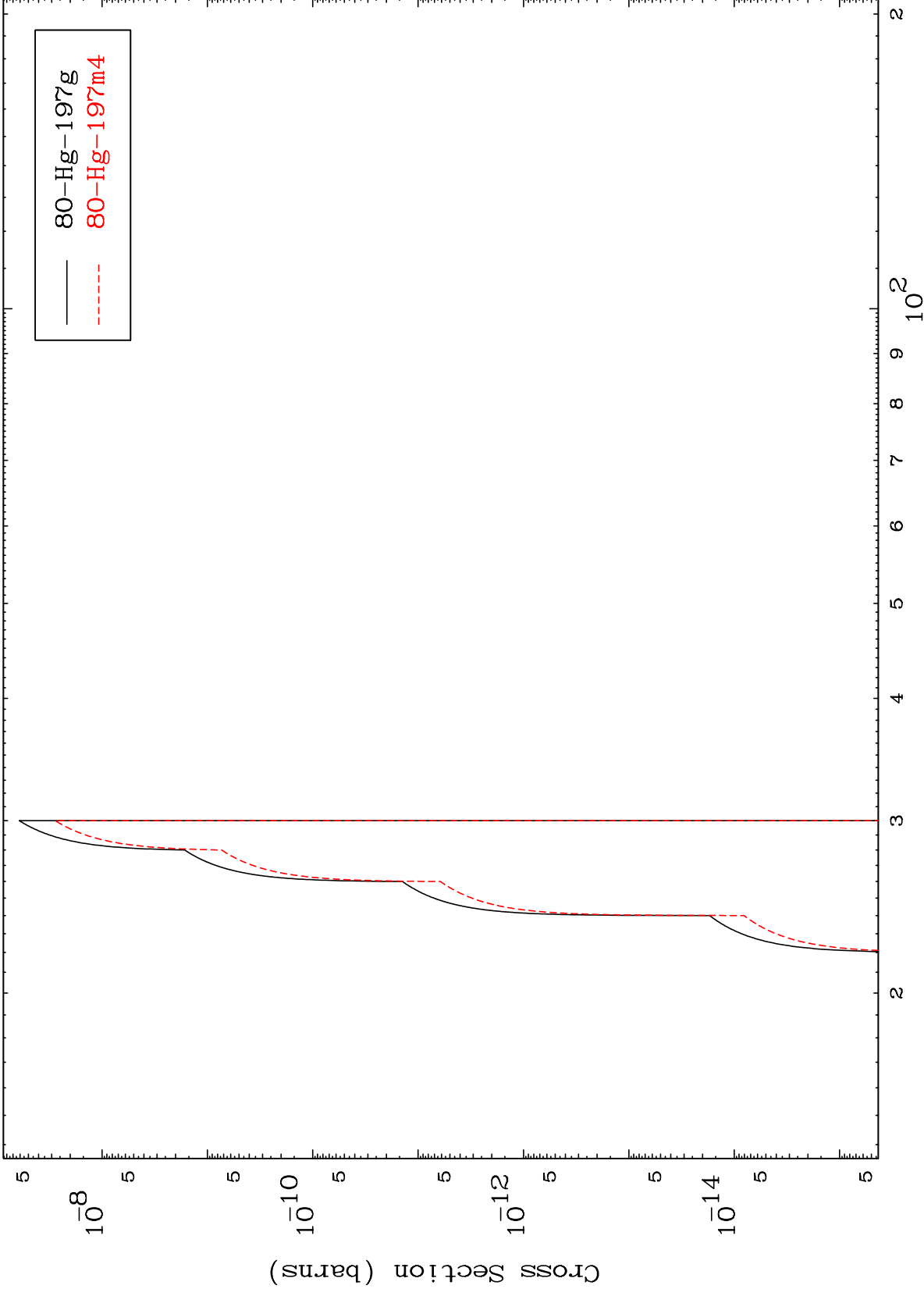
Incident Energy (MeV)

MAT 8025

(n,He-3)

80-Hg-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

80-Hg-196