

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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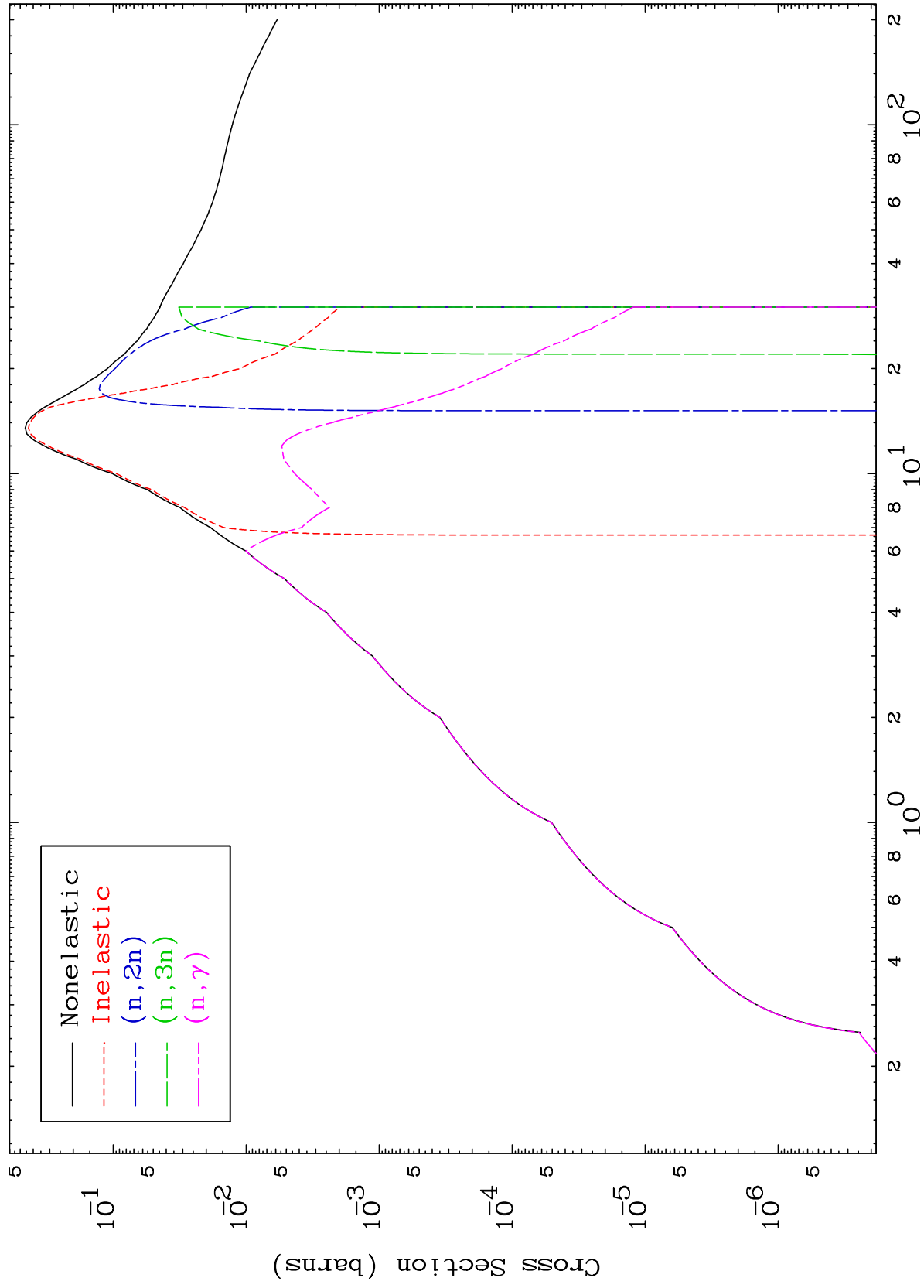
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

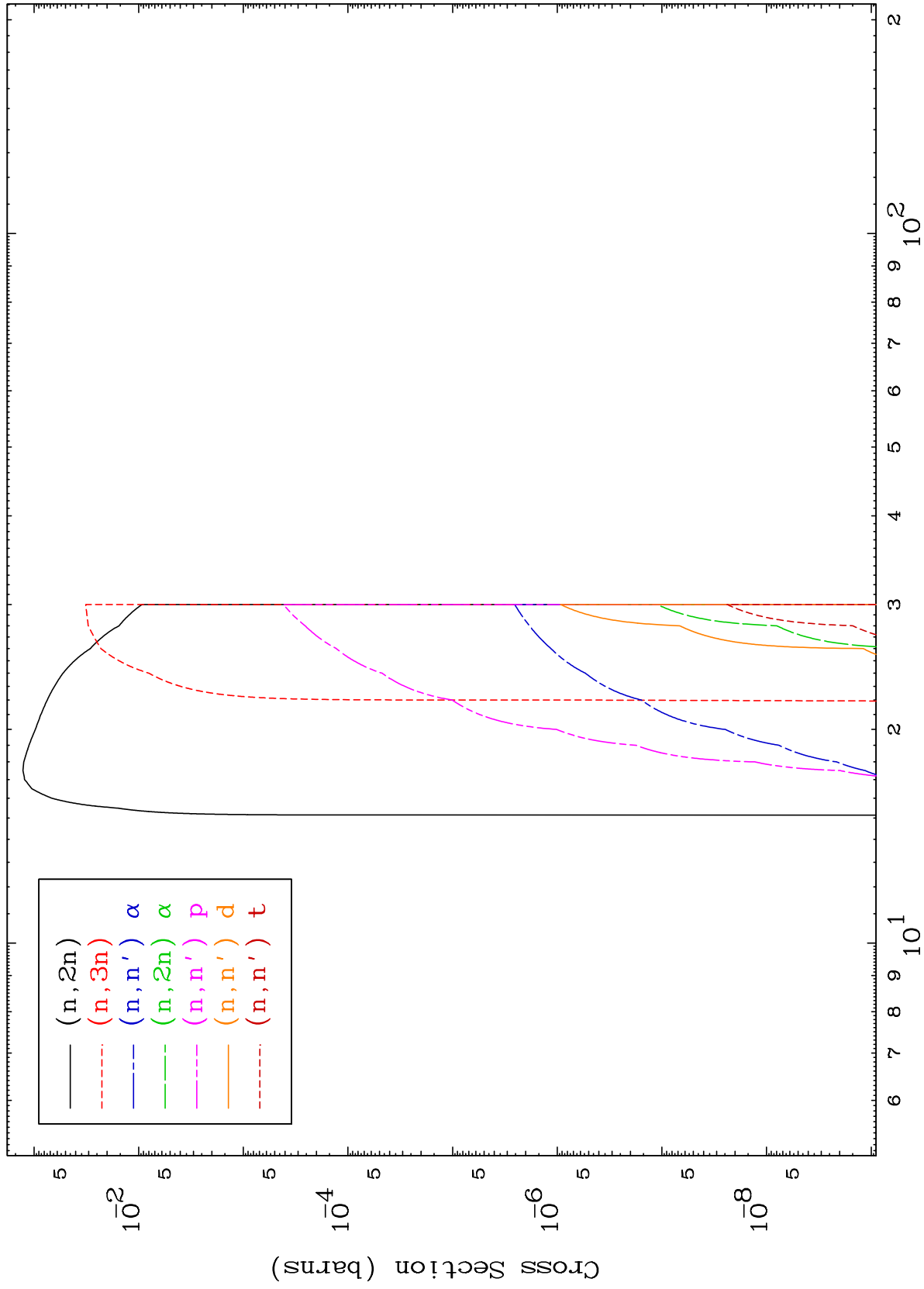
Press Mouse Button to Start

MAT 8034

0 Kelvin Major
Photon Cross Sections

80-Hg-199

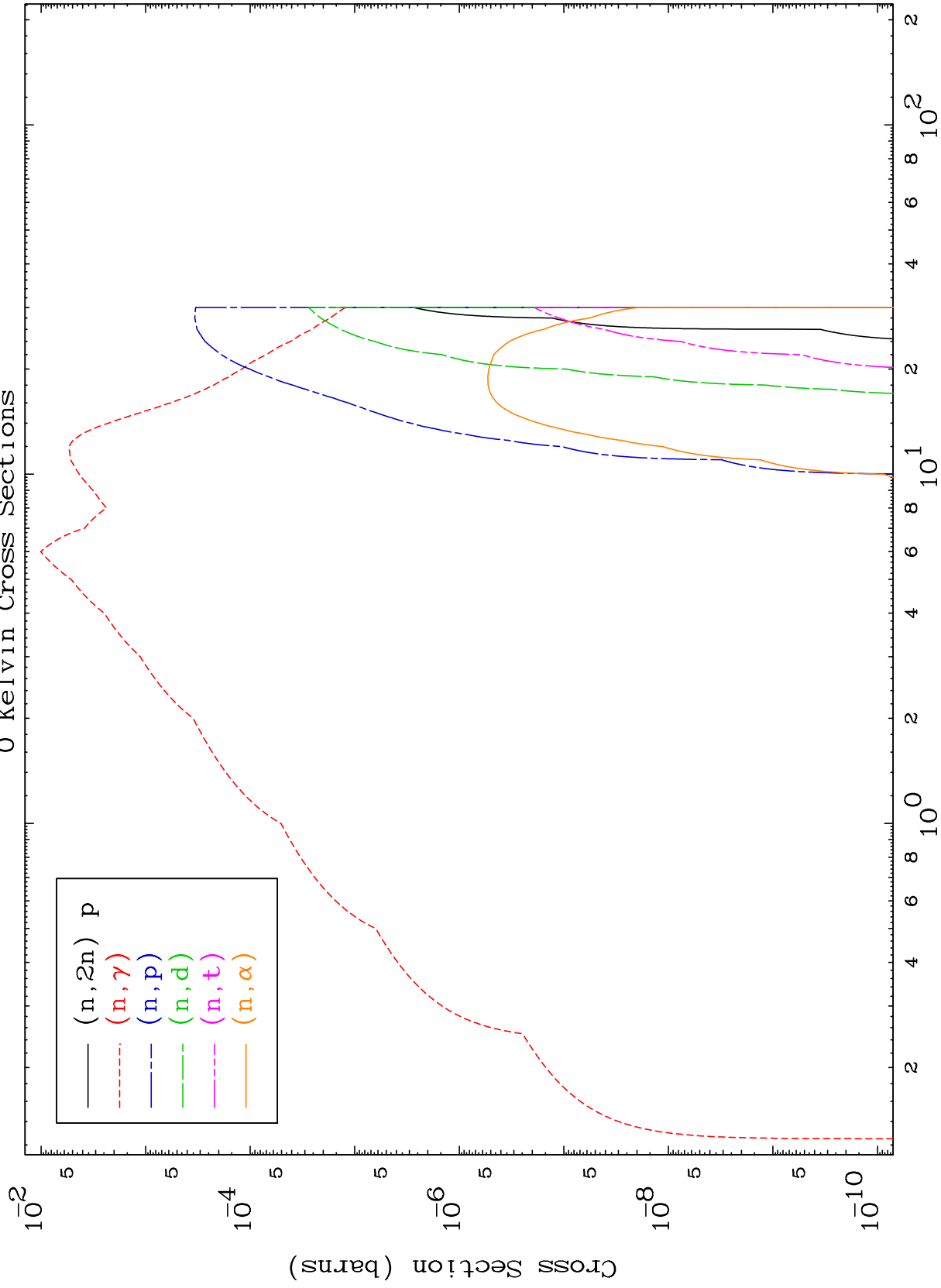




MAT 8034

Photon Neutron Absorption
0 Kelvin Cross Sections

80-Hg-199



3

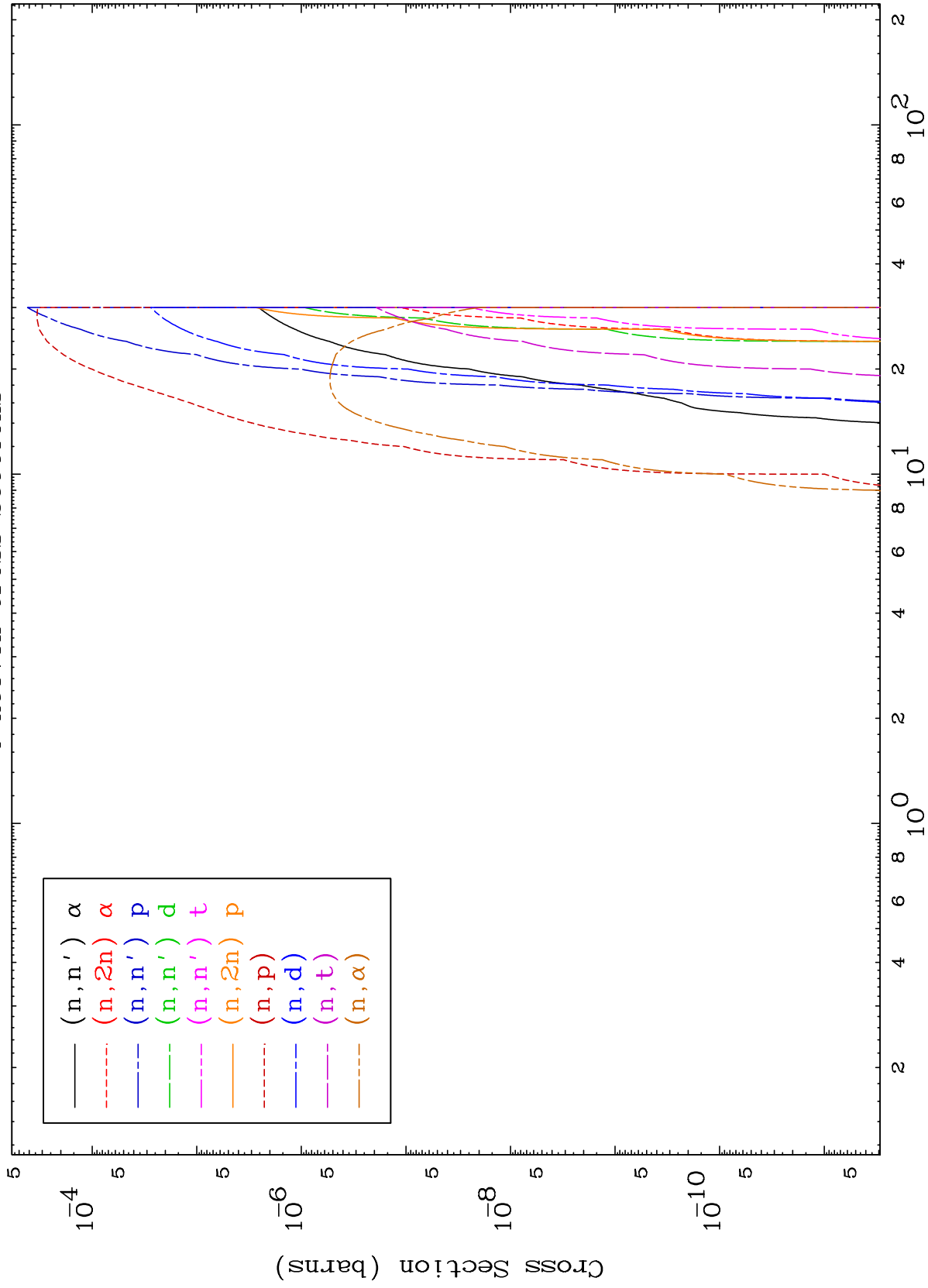
Incident Energy (MeV)

80-Hg-199

MAT 8034

Photon Charged Particle
0 Kelvin Cross Sections

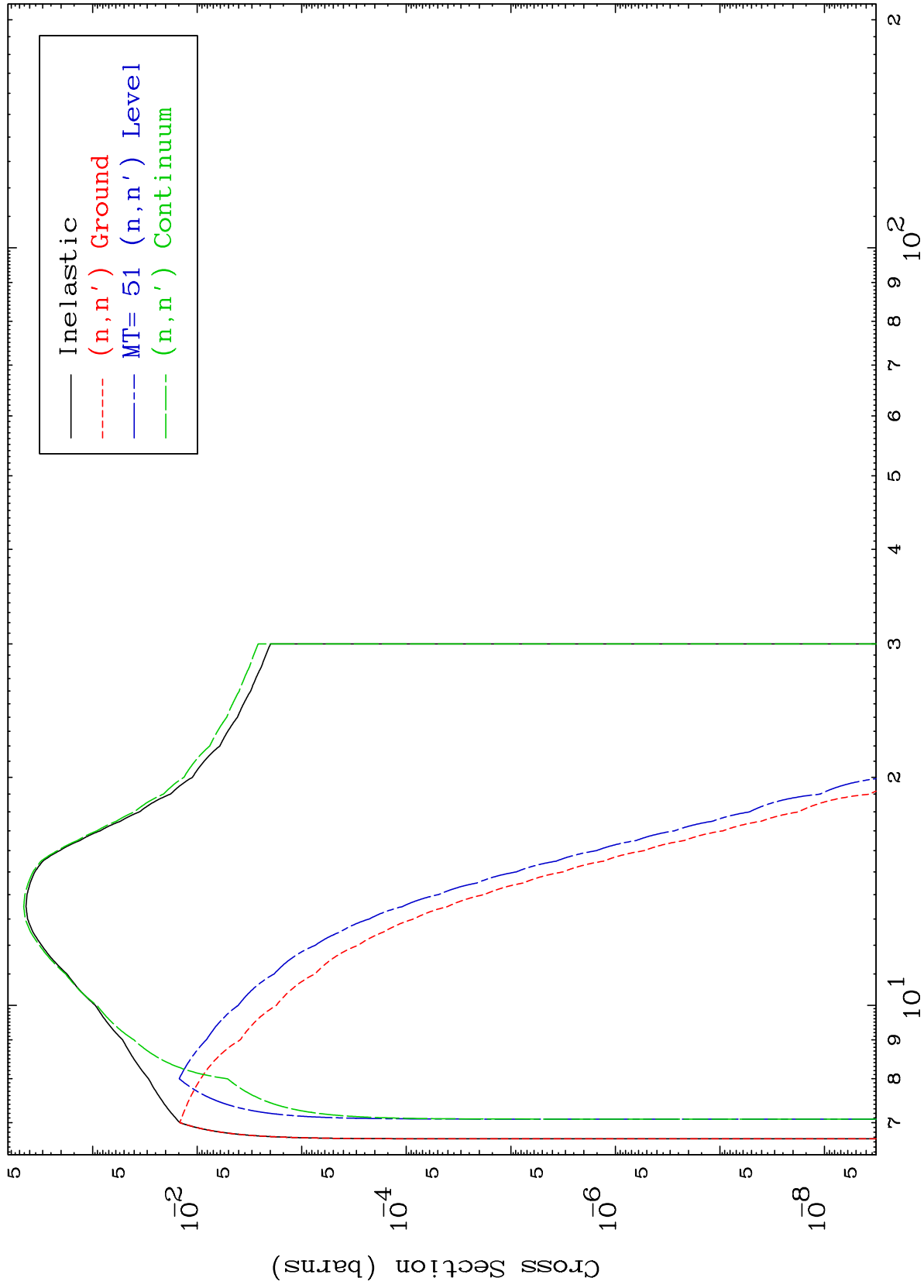
80-Hg-199



MAT 8034

(γ, n') Levels
0 Kelvin Cross Sections

80-Hg-199



Inelastic
(n, n') Ground
MT=51 (n, n') Level
(n, n') Continuum

5

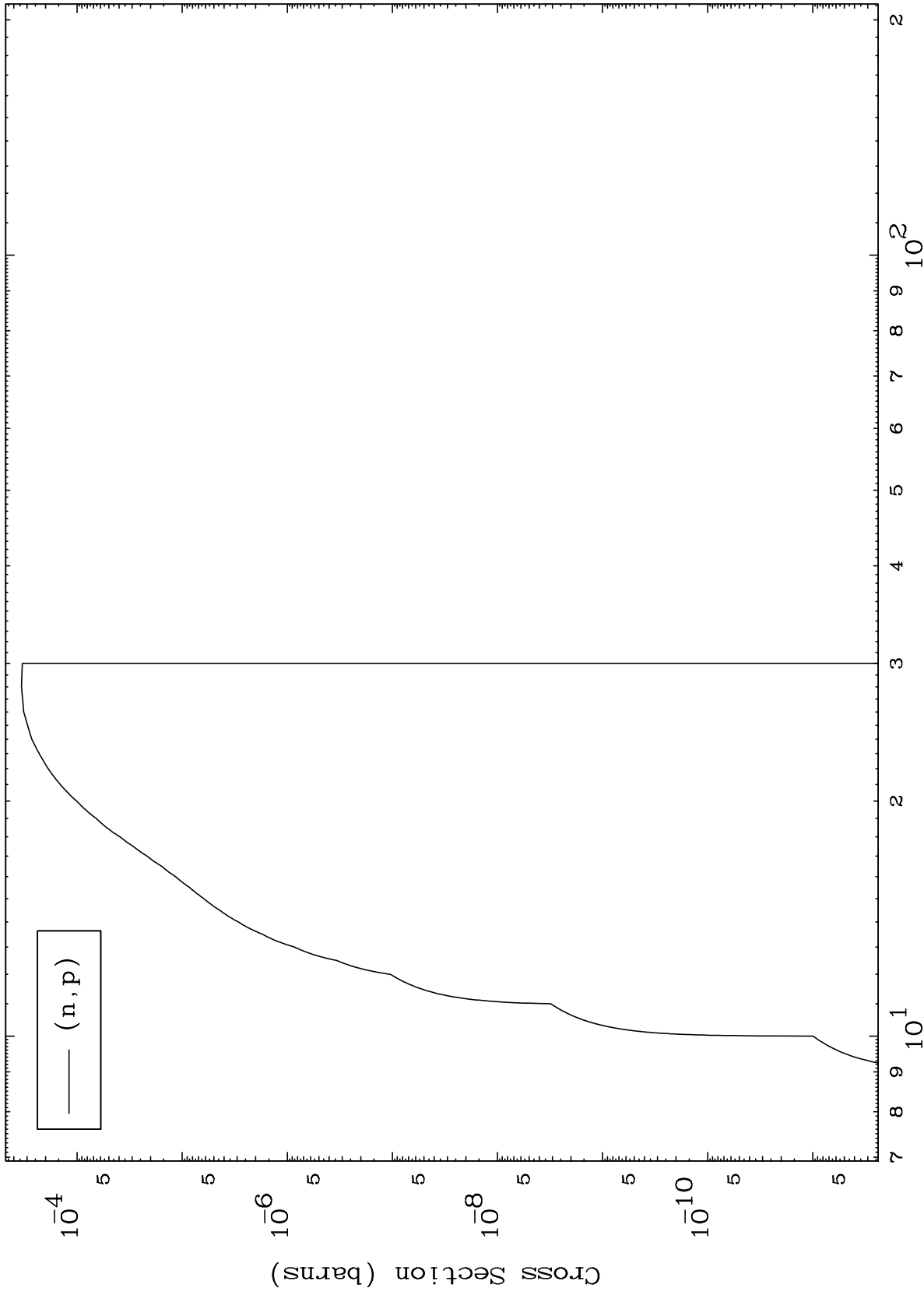
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-199



6

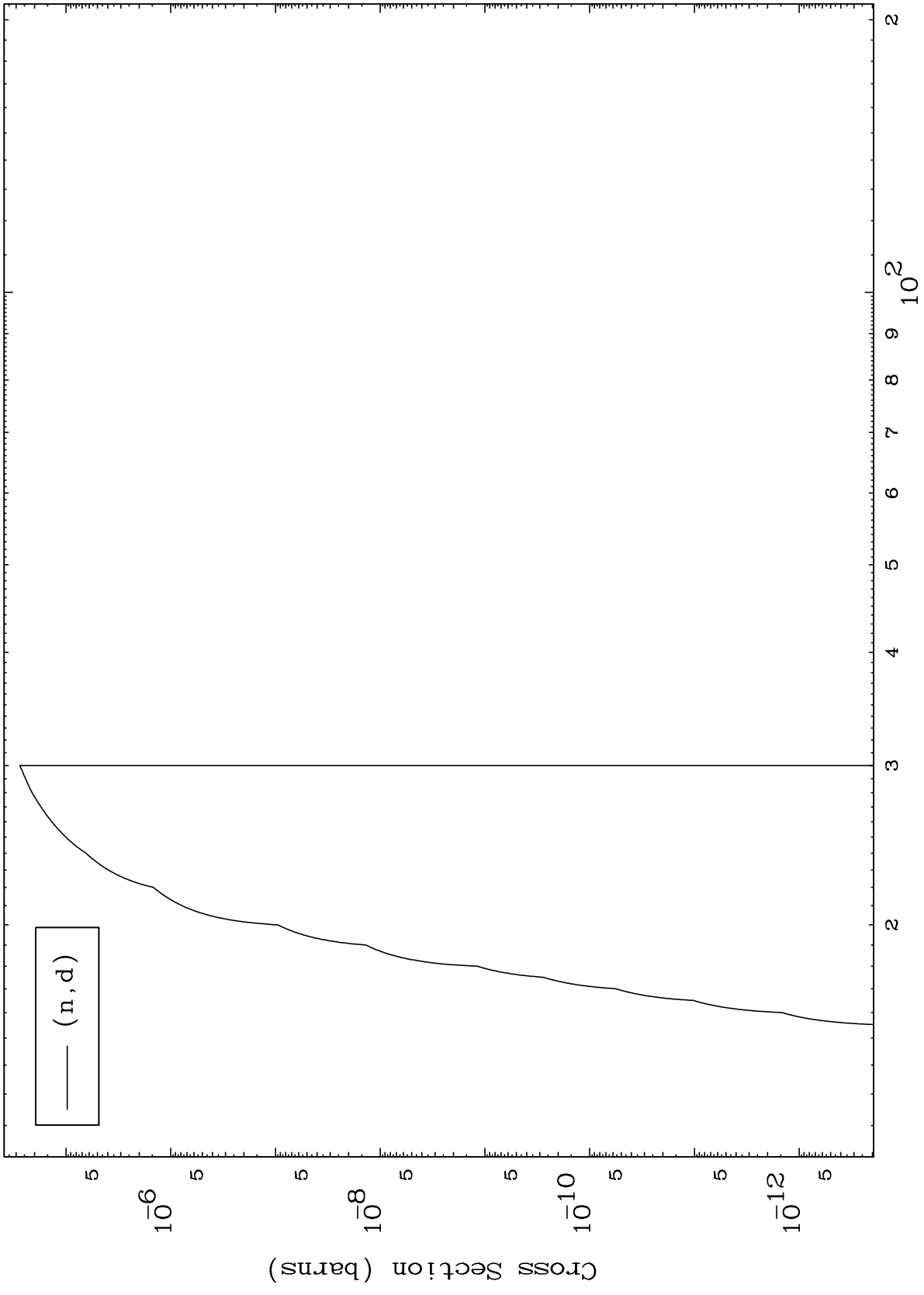
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-199



7

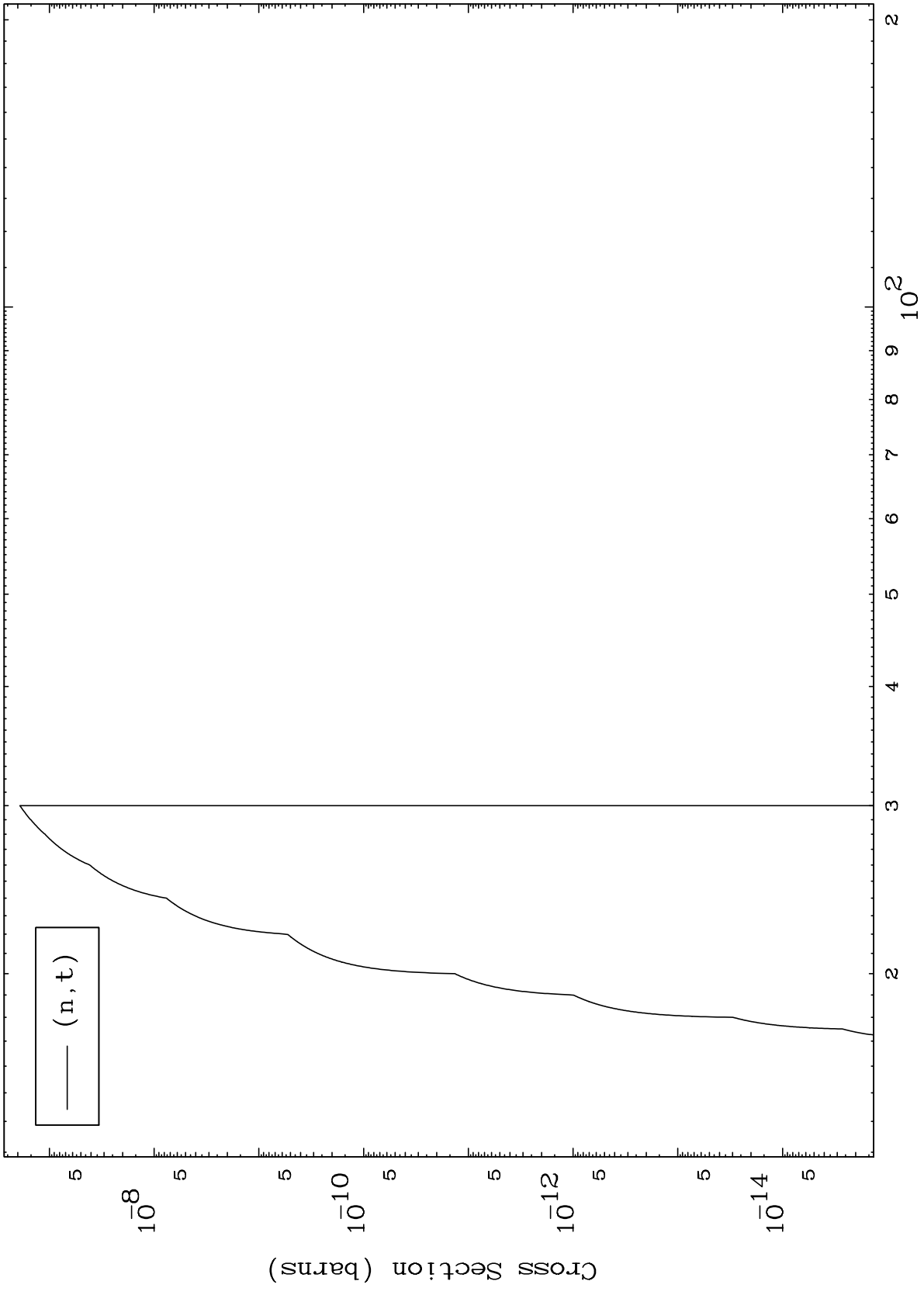
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-199



8

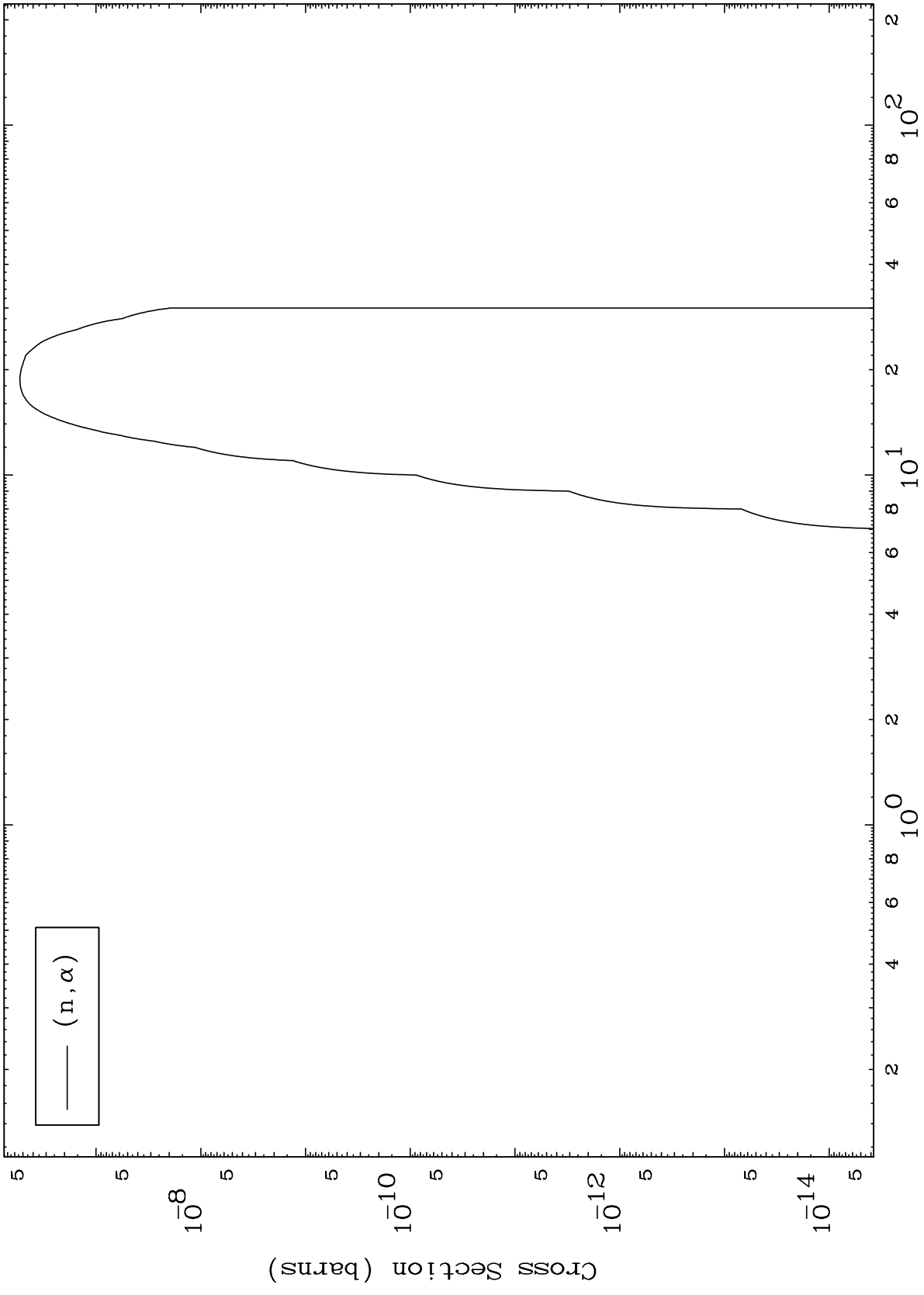
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-199



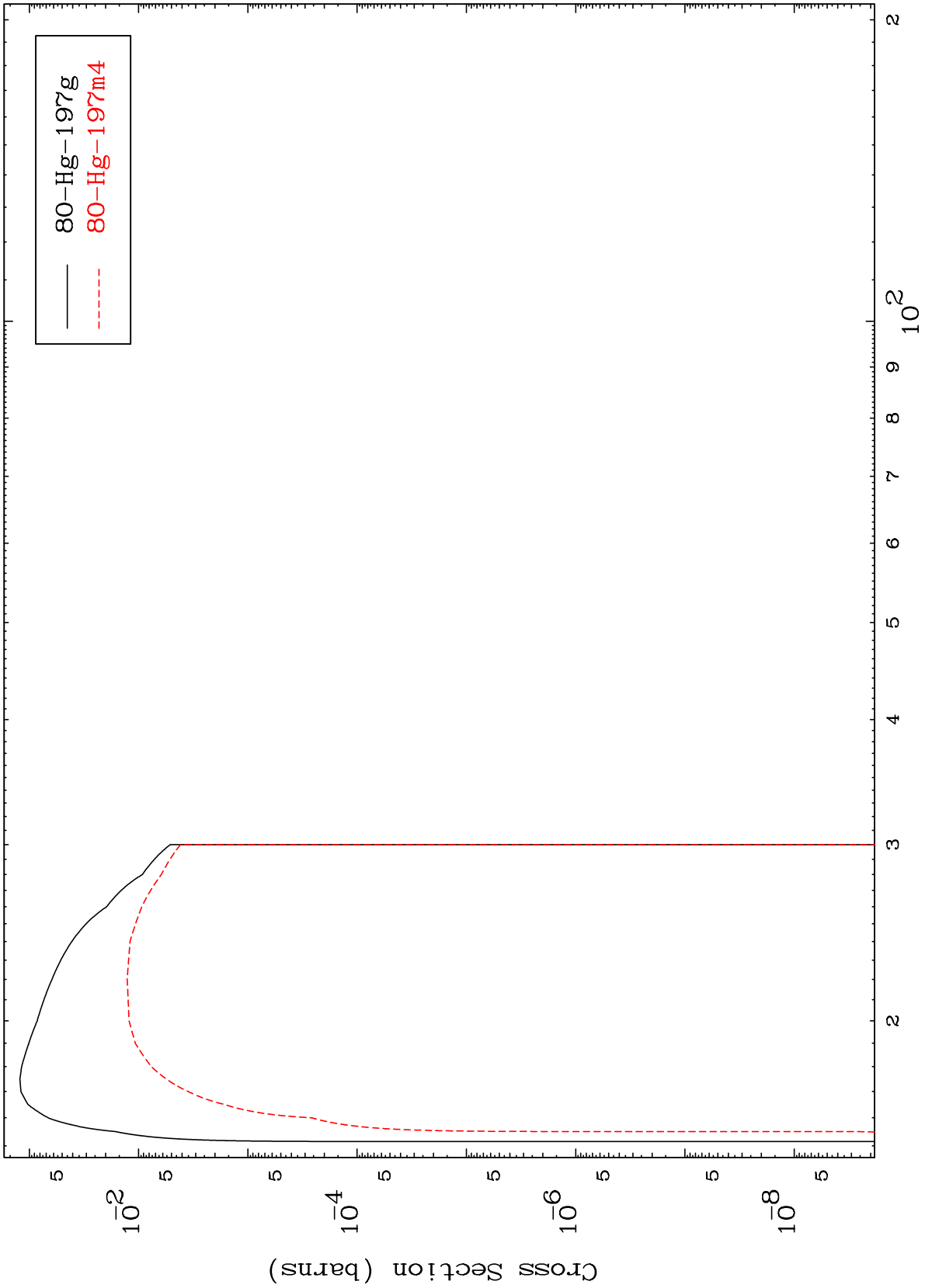
80-Hg-199

MAT 8034

(n,2n)

80-Hg-199

Radionuclide Production Cross Section



10

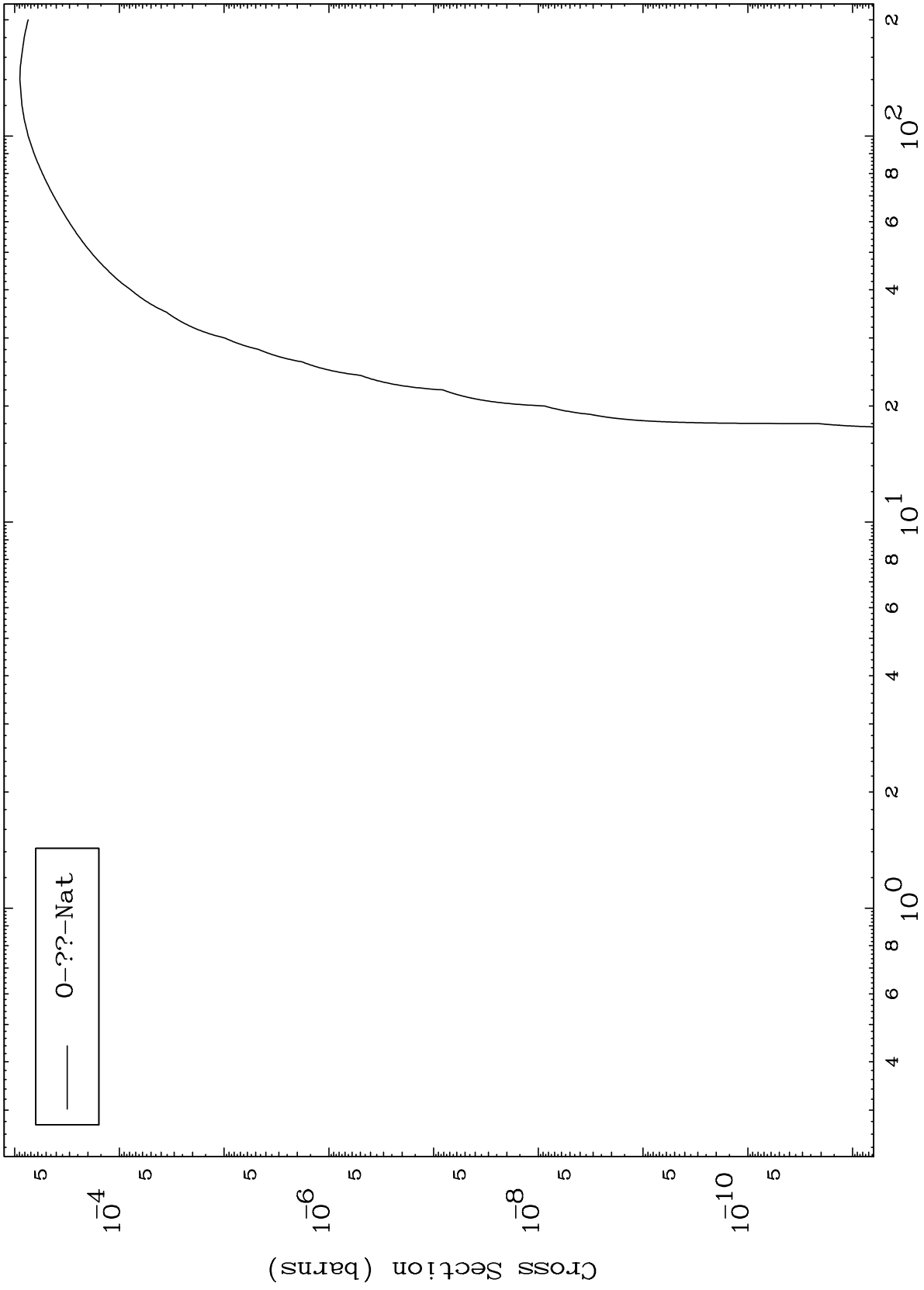
Incident Energy (MeV)

80-Hg-199

MAT 8034

Fission
Radionuclide Production Cross Section

80-Hg-199

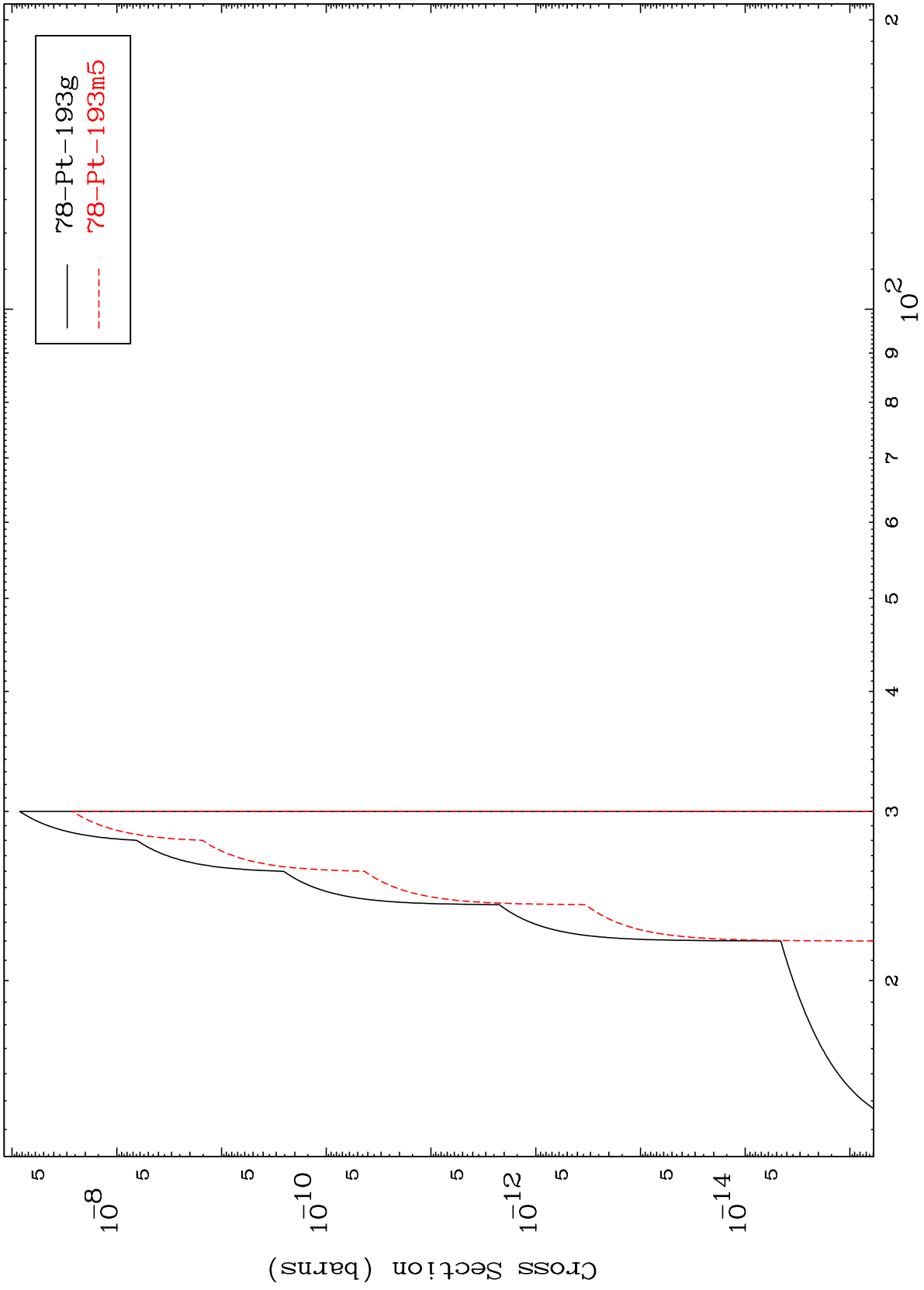


MAT 8034

$(n, 2n) \alpha$

80-Hg-199

Radionuclide Production Cross Section



12

Incident Energy (MeV)

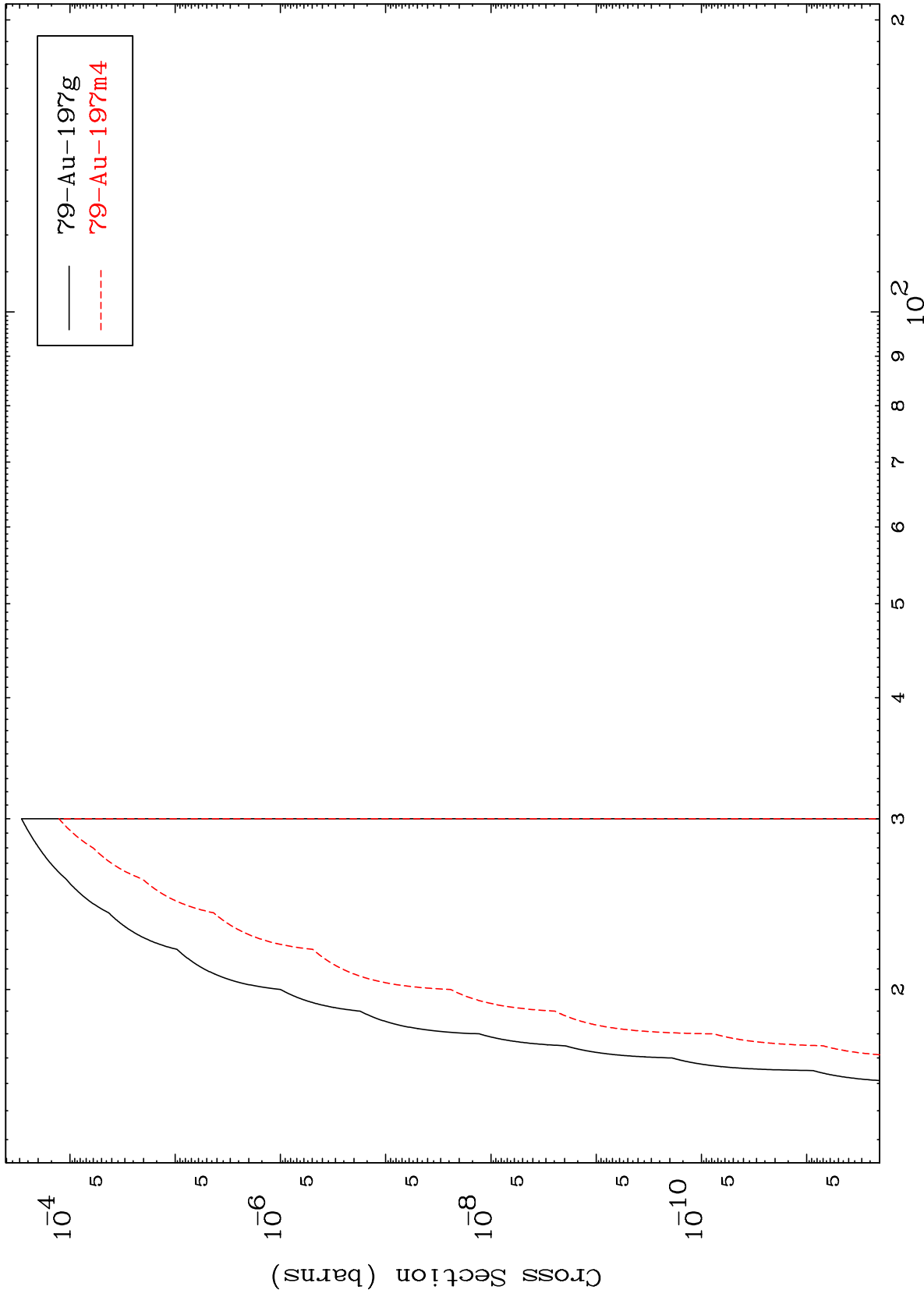
80-Hg-199

MAT 8034

(n,n') p

80-Hg-199

Radionuclide Production Cross Section



13

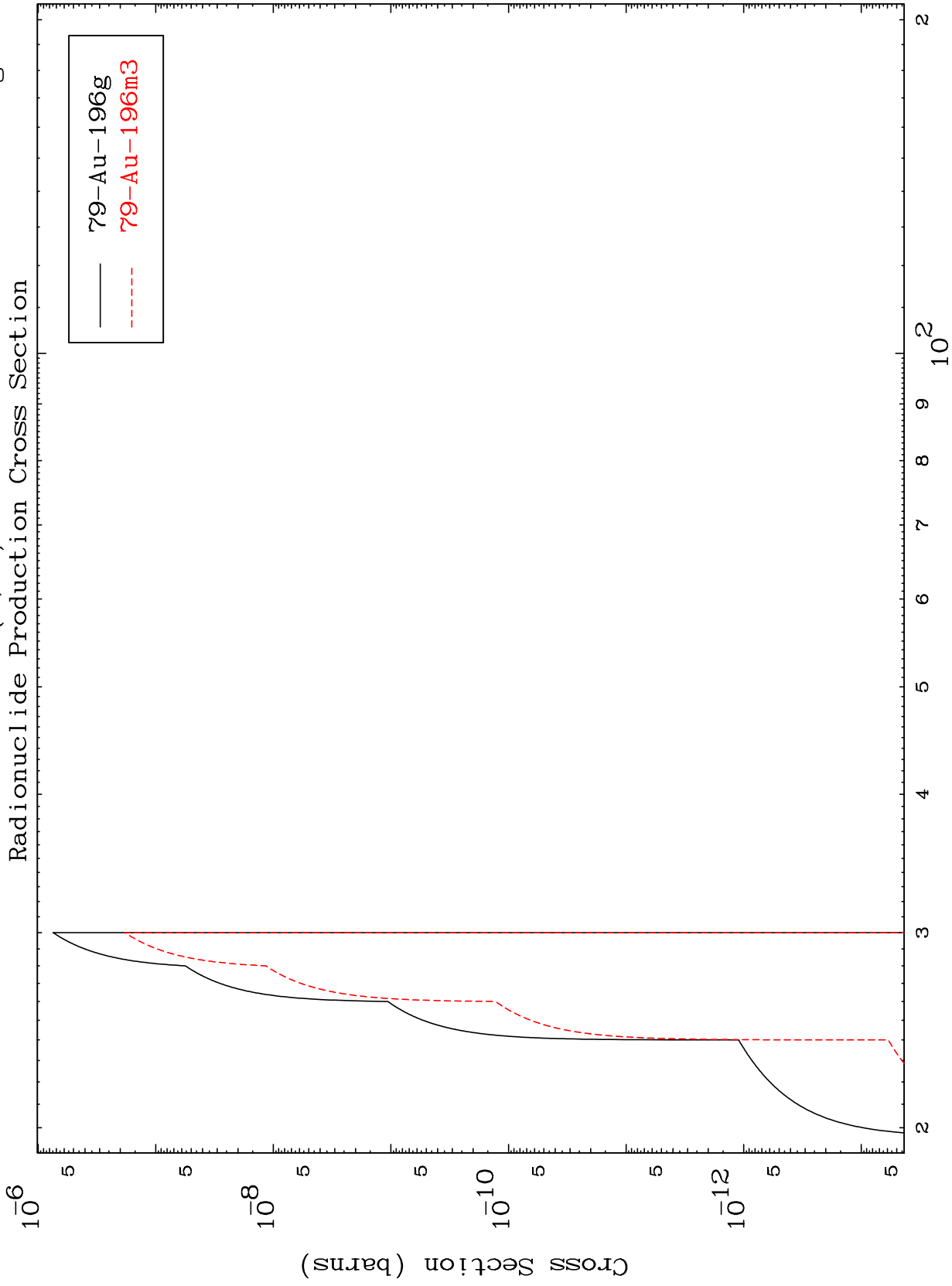
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,n') d

80-Hg-199



14

Incident Energy (MeV)

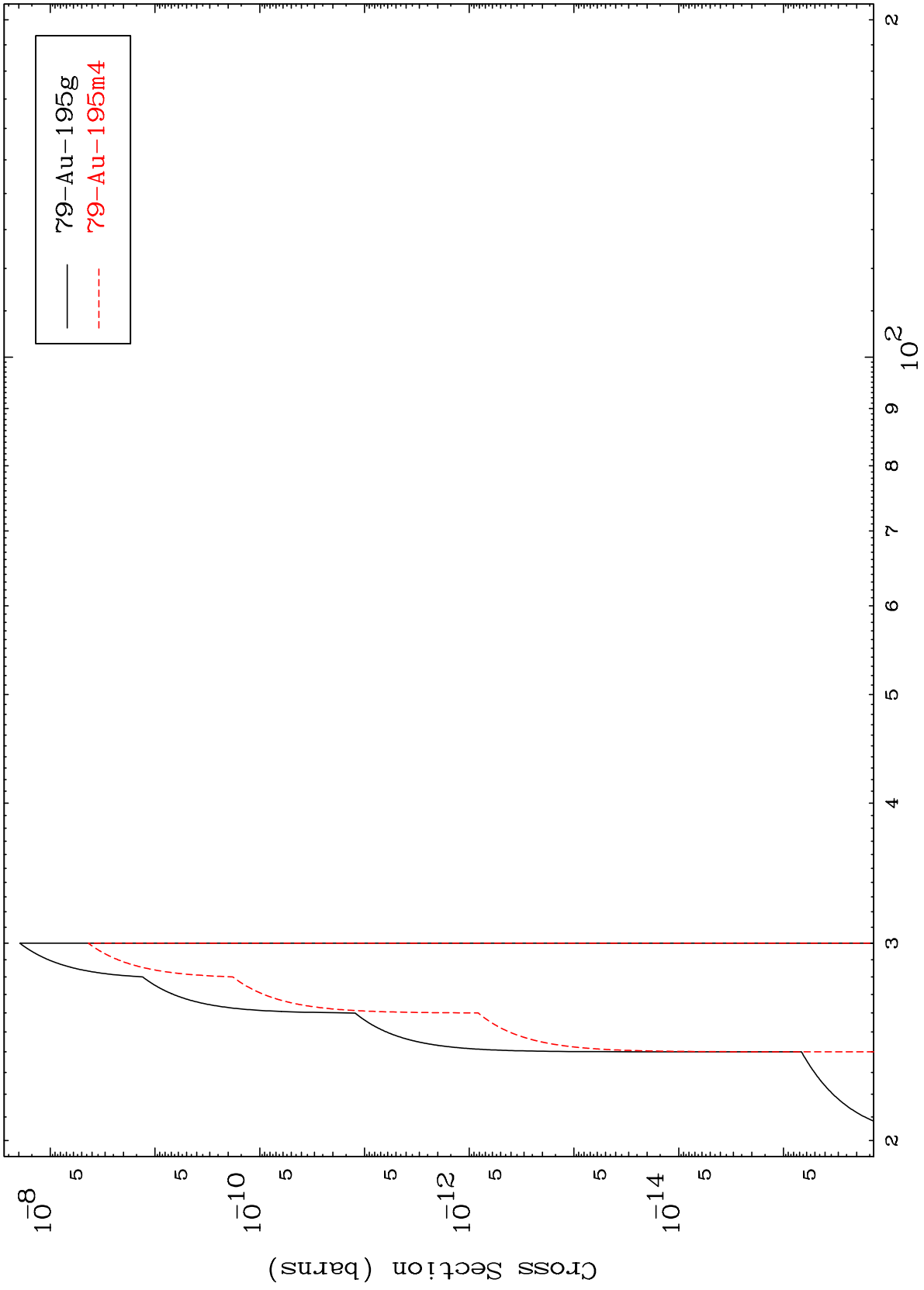
80-Hg-199

MAT 8034

(n,n') t

80-Hg-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

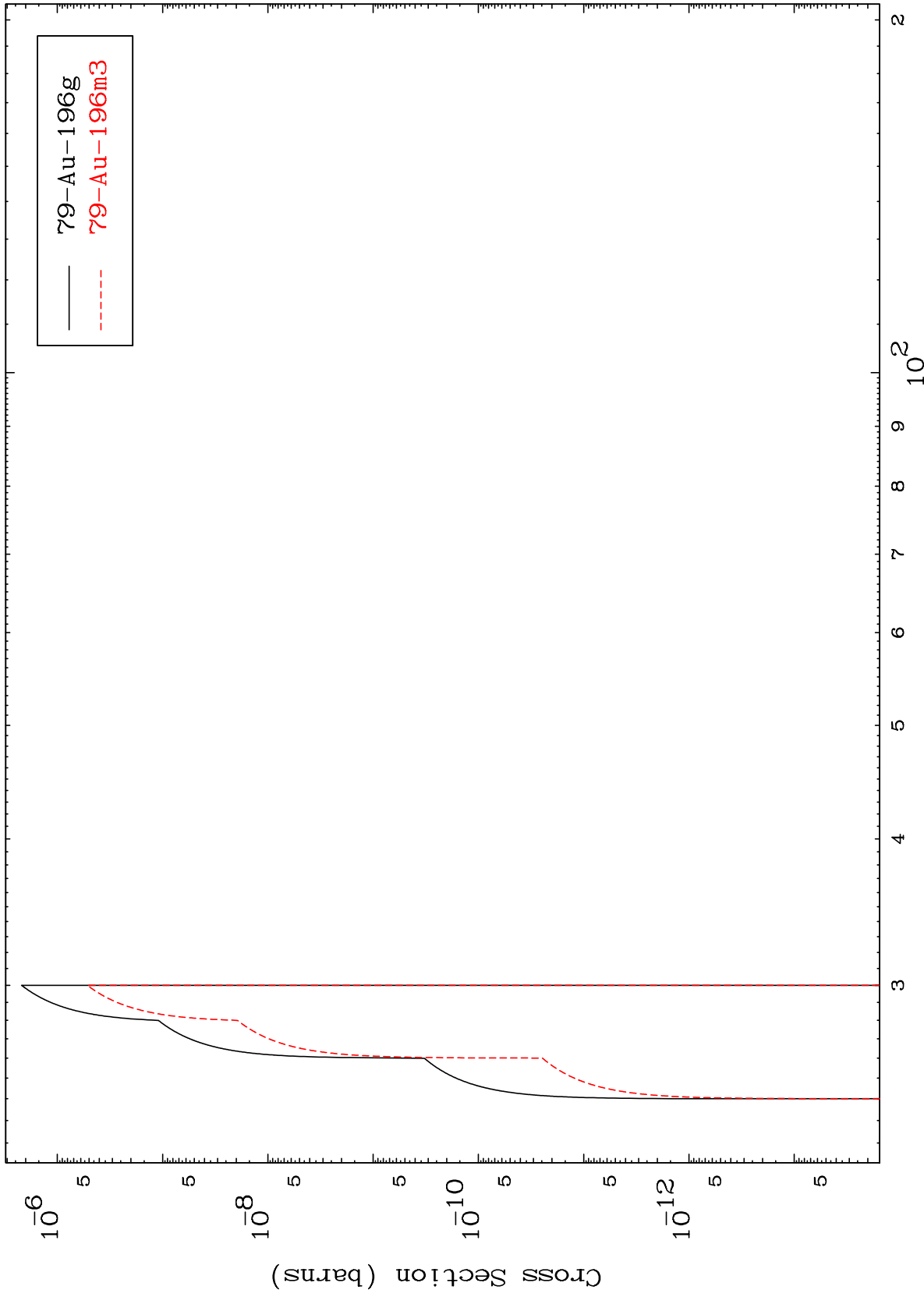
80-Hg-199

MAT 8034

(n,2n) p

80-Hg-199

Radionuclide Production Cross Section



16

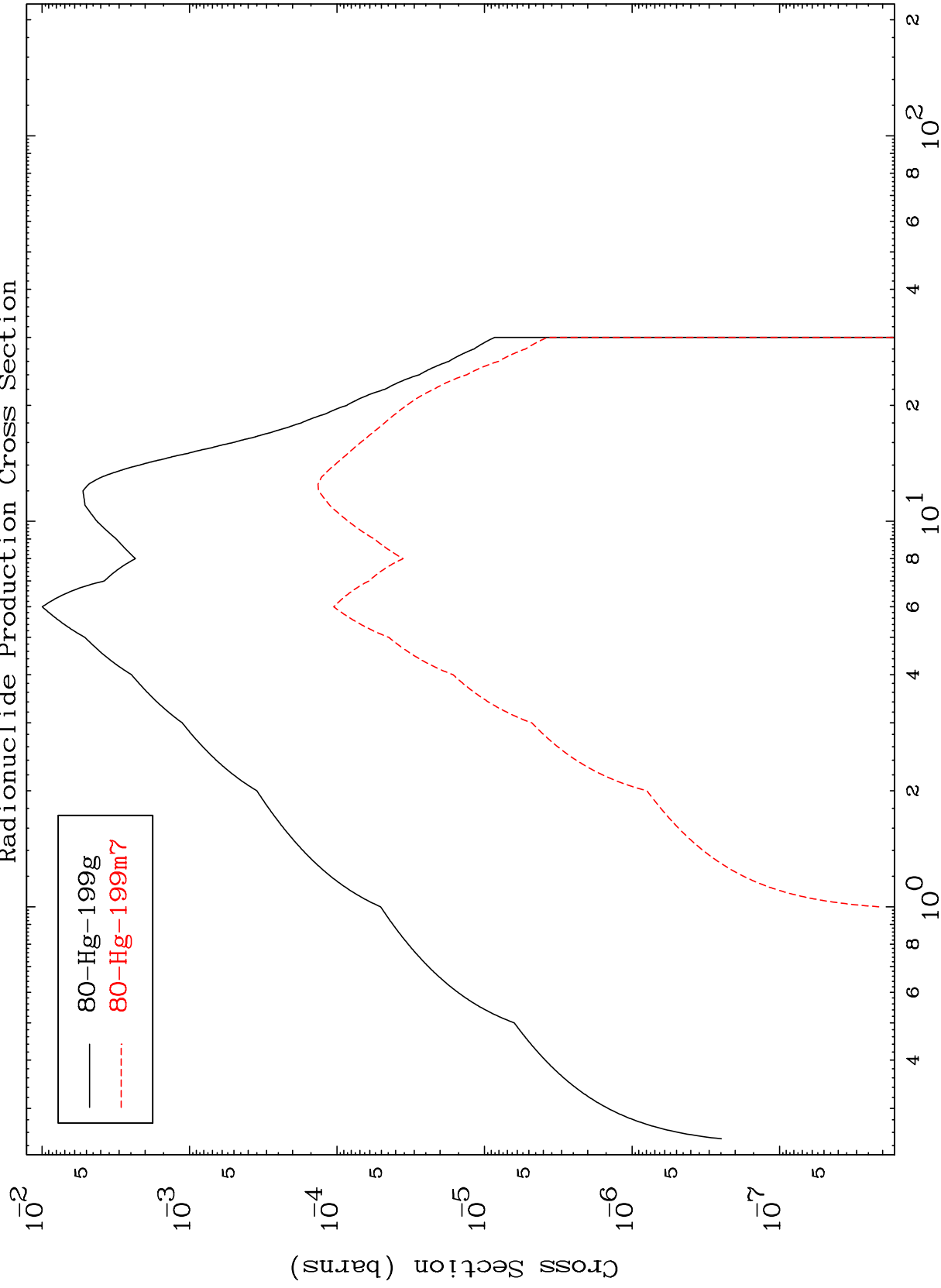
Incident Energy (MeV)

80-Hg-199

MAT 8034

Radionuclide Production Cross Section
(n, γ)

80-Hg-199

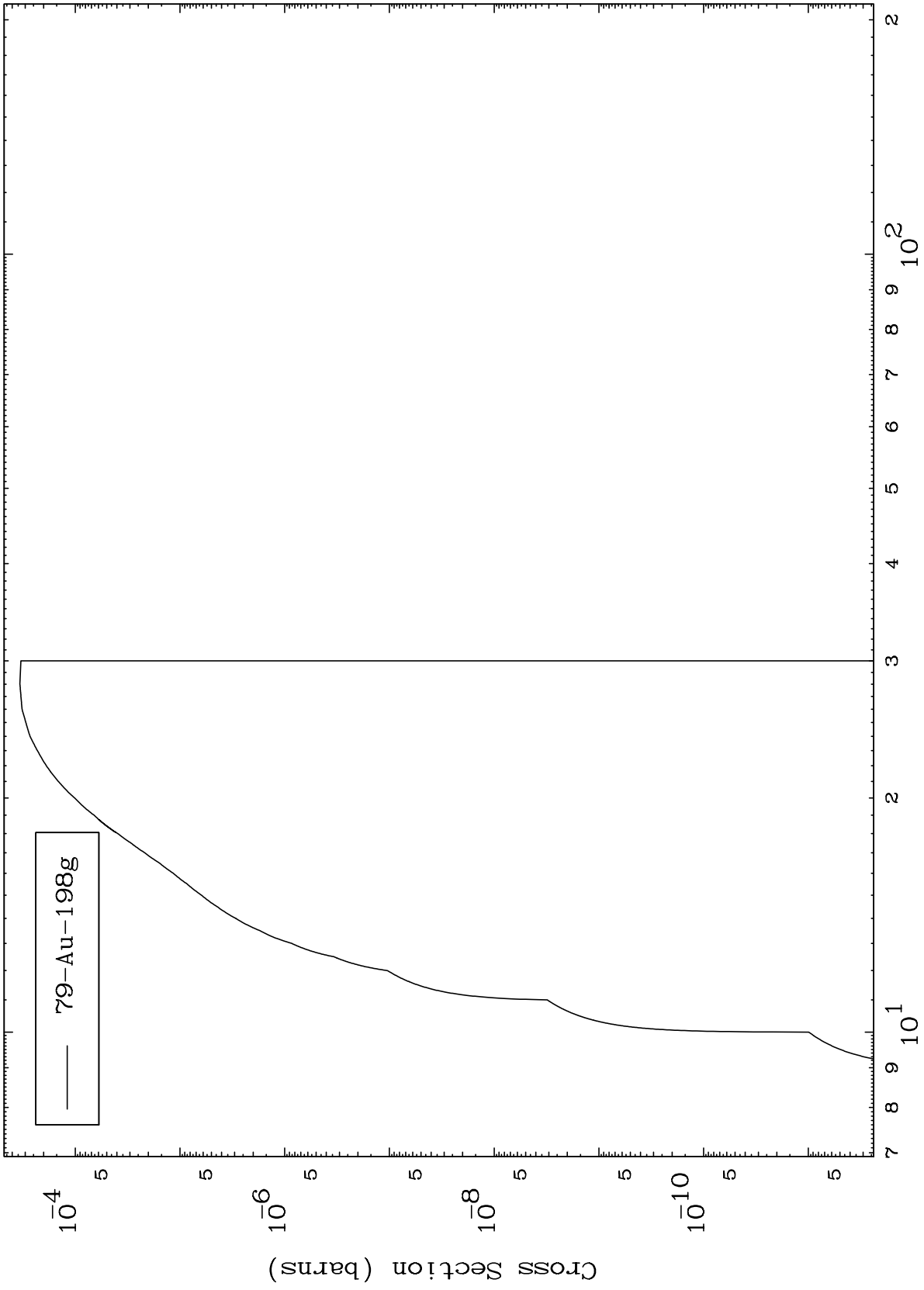


80-Hg-199g
80-Hg-199m7

MAT 8034

80-Hg-199

(n,p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

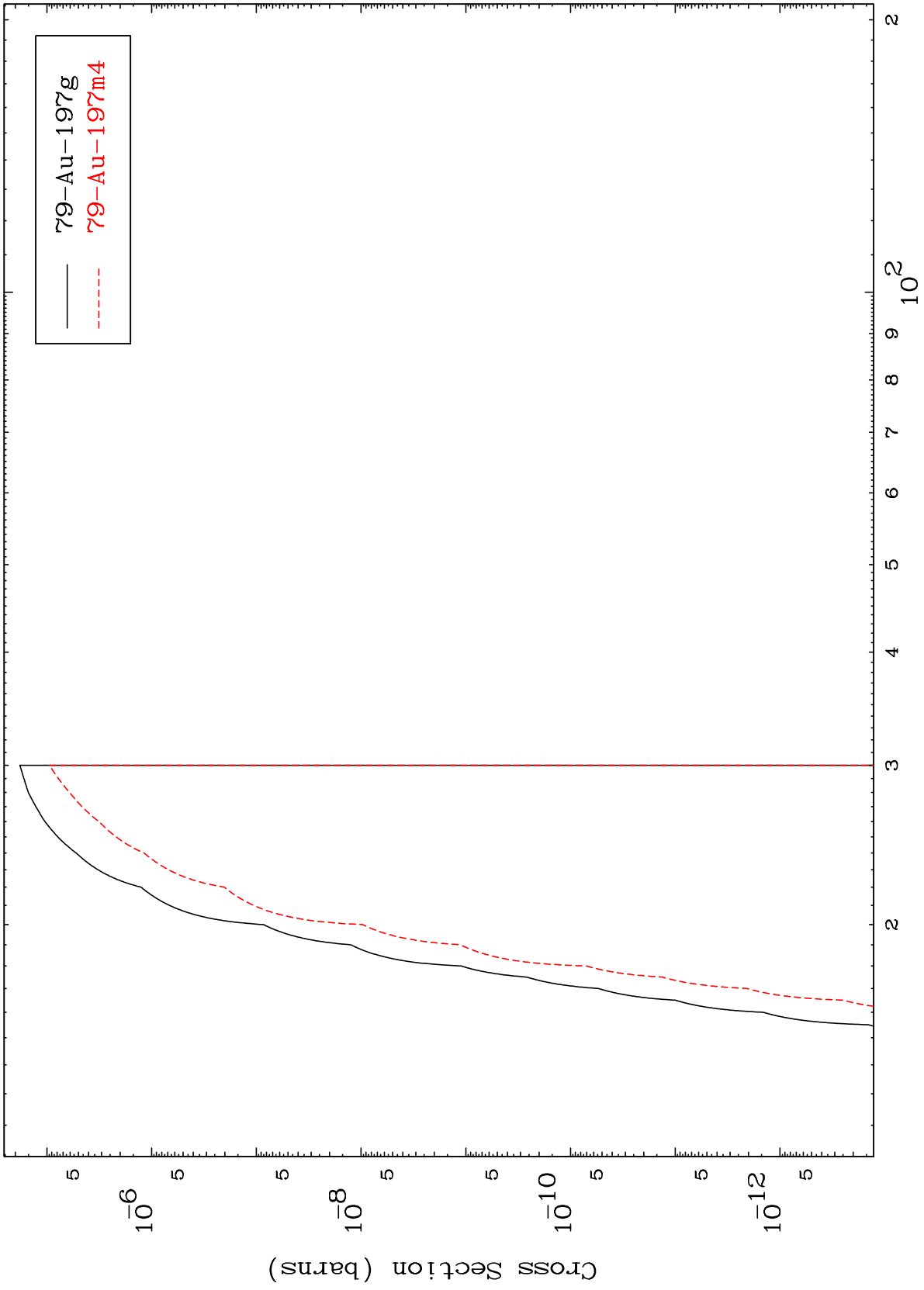
80-Hg-199

MAT 8034

(n,d)

80-Hg-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

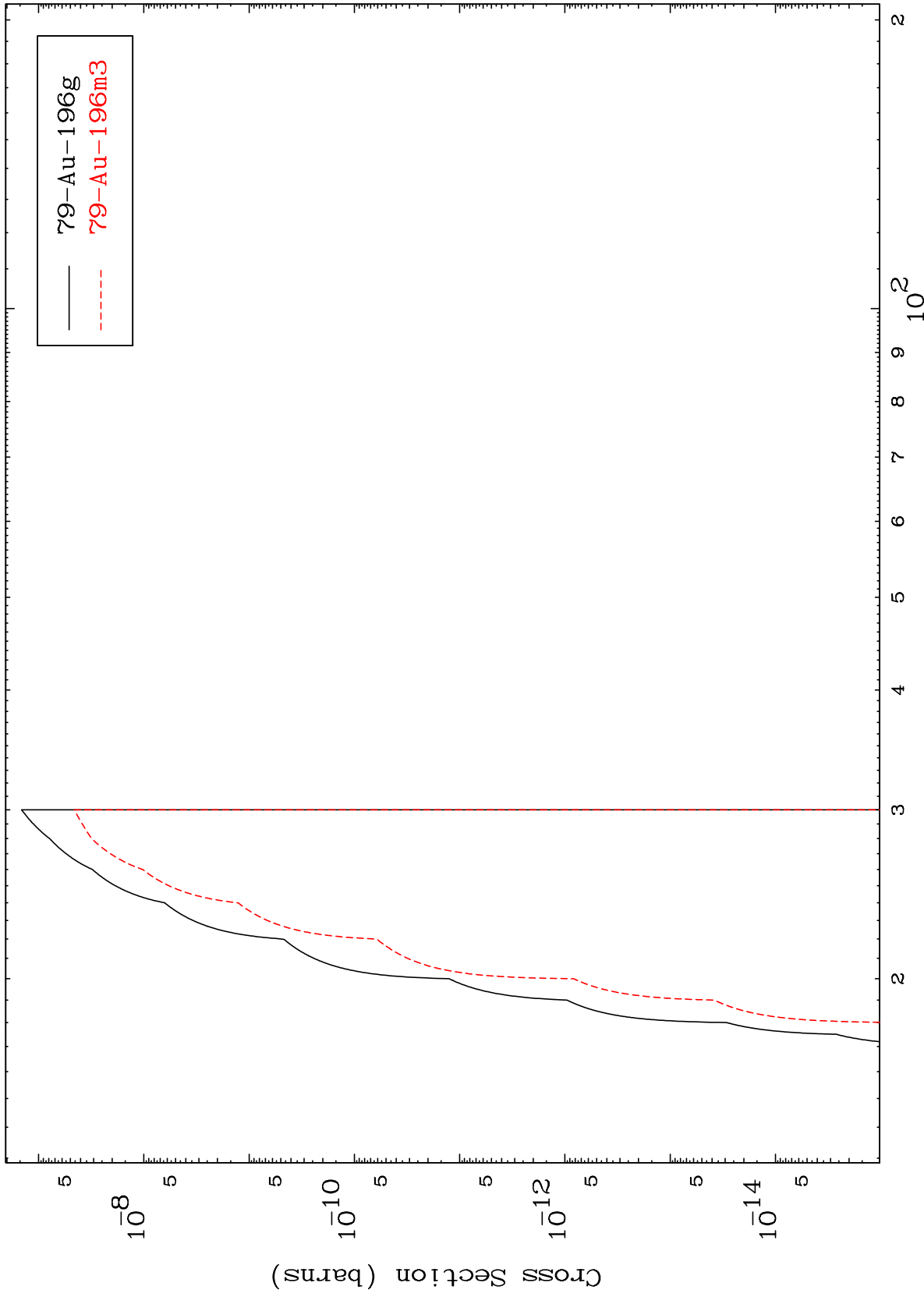
80-Hg-199

MAT 8034

(n, t)

80-Hg-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-199

MAT 8034

(n, α)

80-Hg-199

Radionuclide Production Cross Section

