

Program EVALPLOT
(Version 2021-1)

by

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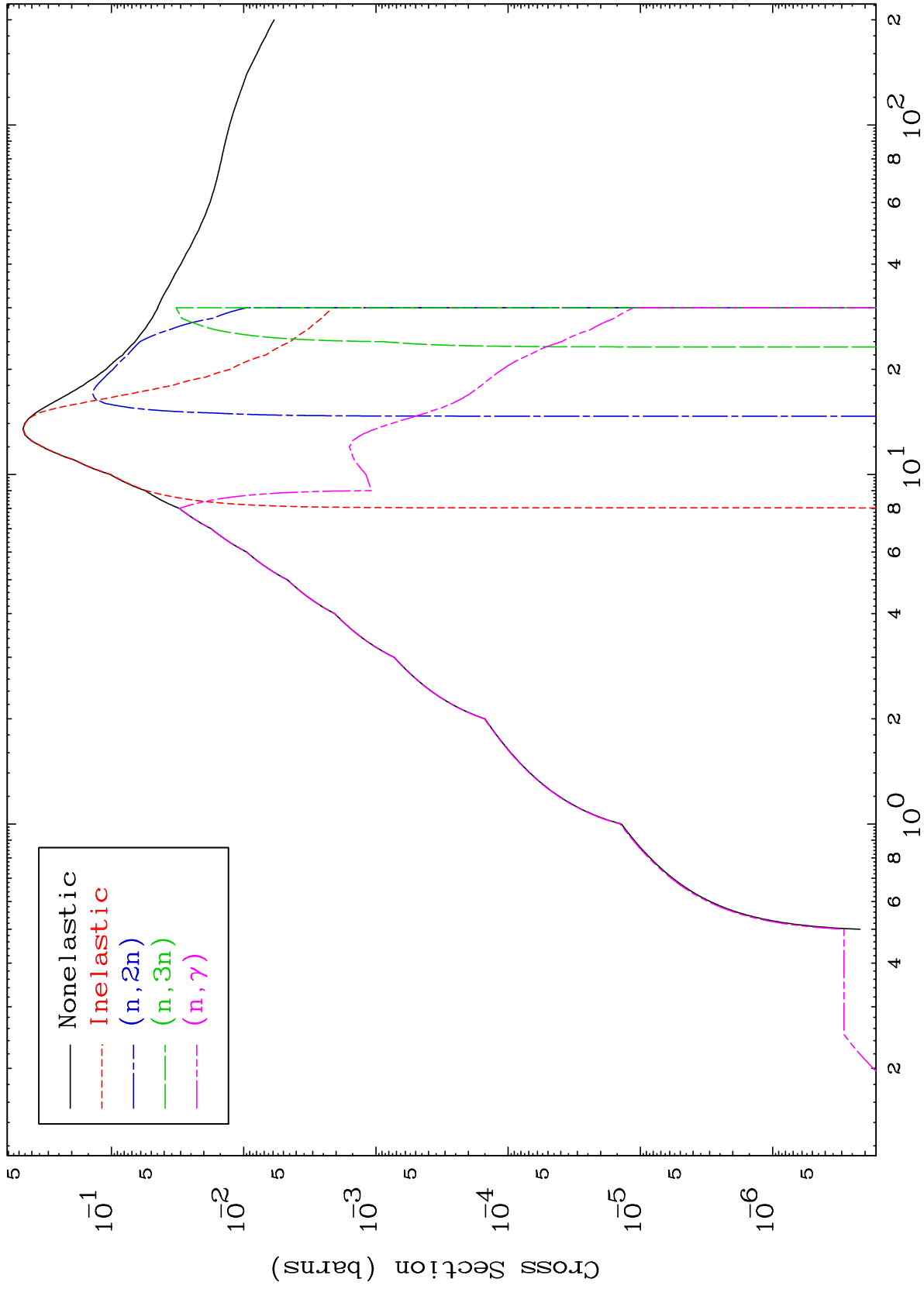
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8037

0 Kelvin Major
Photon Cross Sections

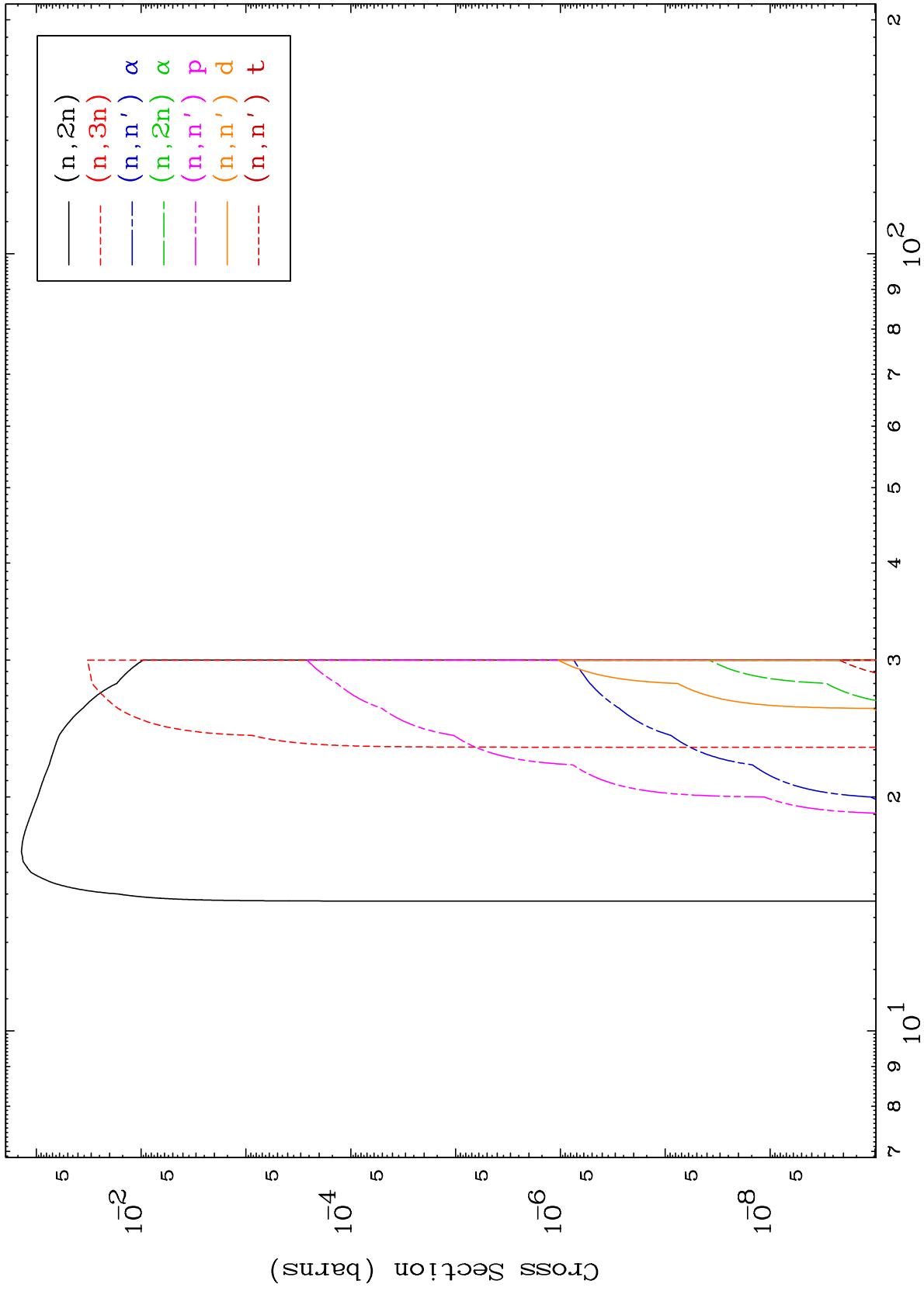
80-Hg-200



MAT 8037

Photon Neutron Absorption
0 Kelvin Cross Sections

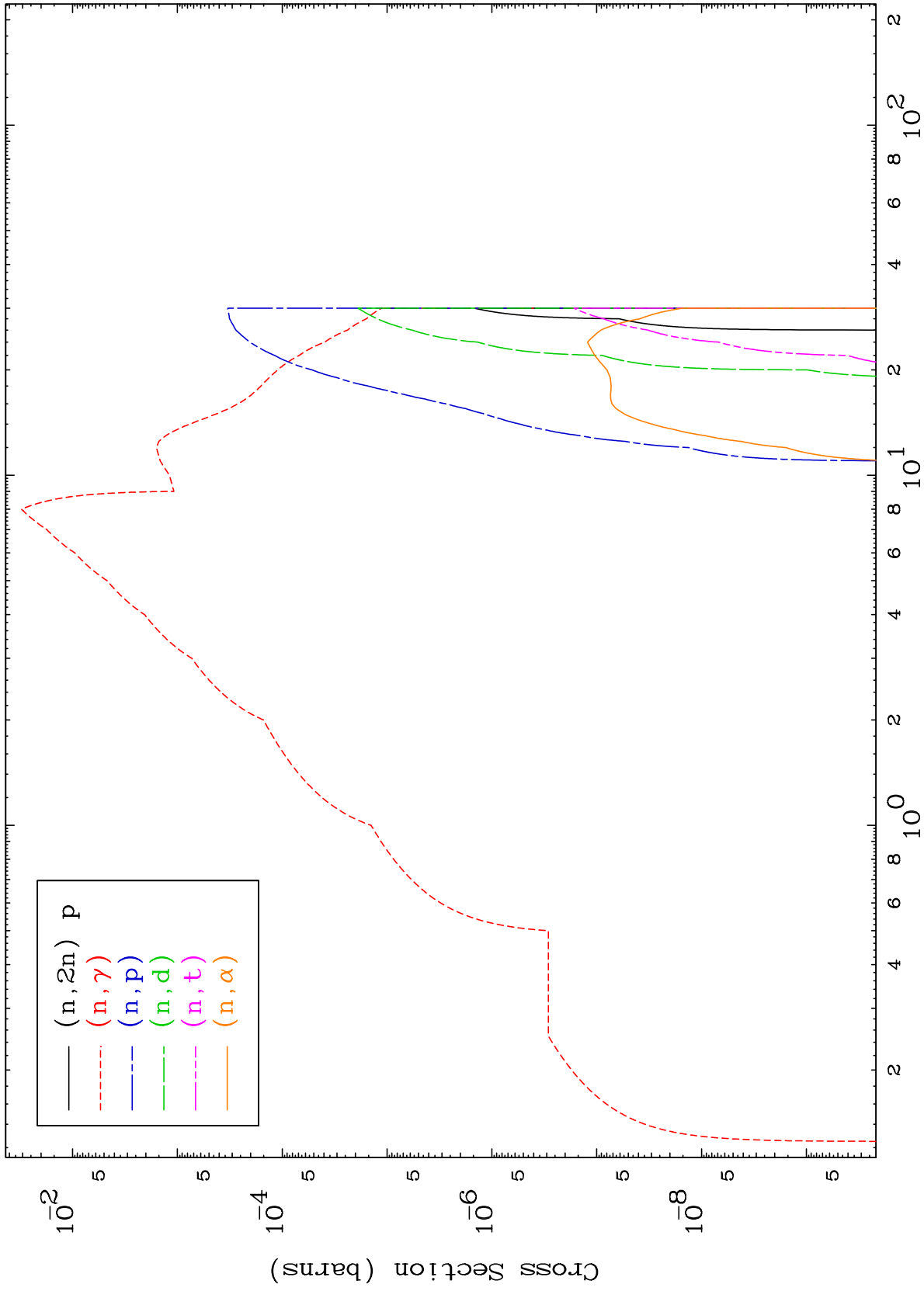
80-Hg-200



2

Incident Energy (MeV)

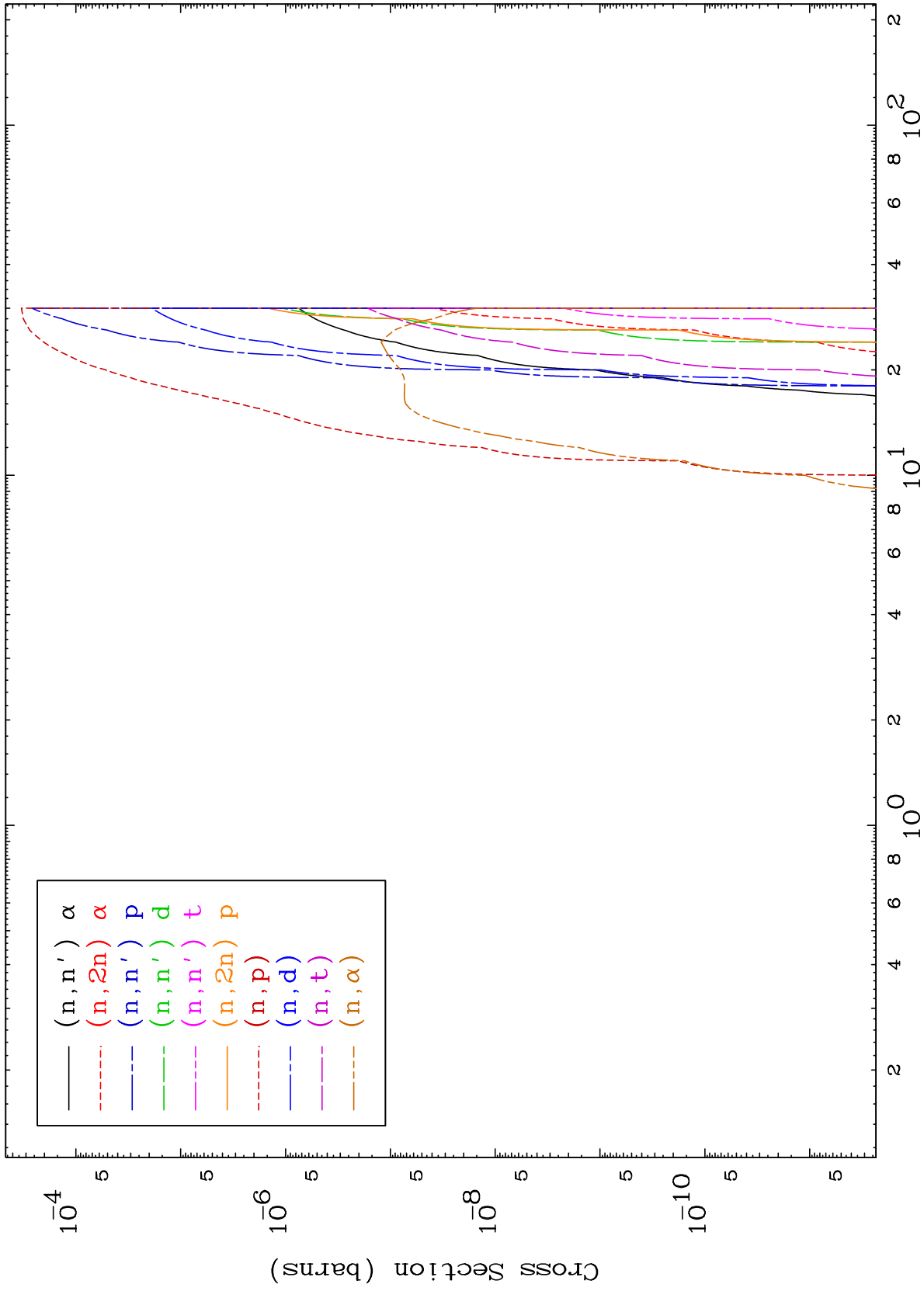
80-Hg-200



MAT 8037

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-200

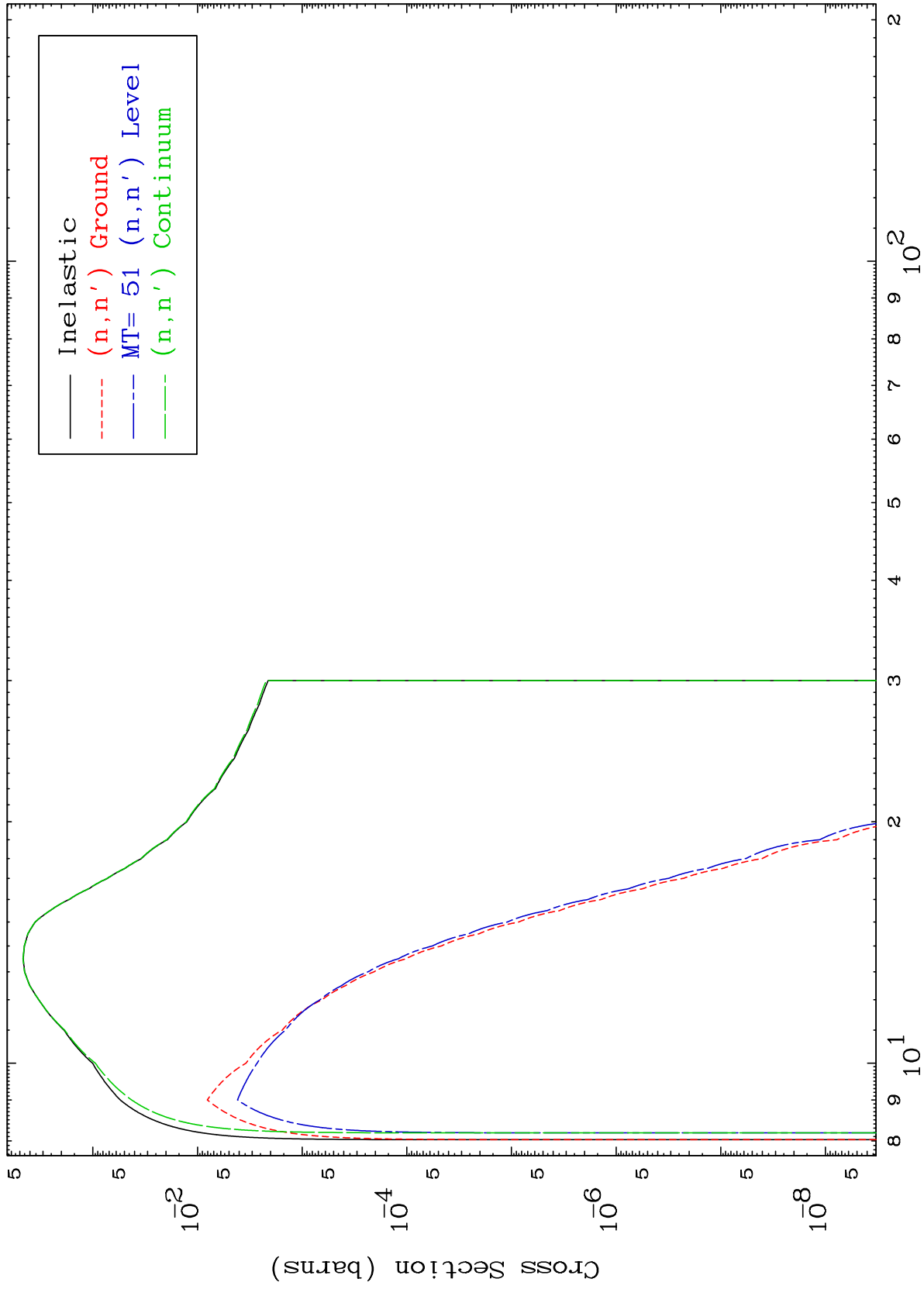


80-Hg-200

MAT 8037

(γ, n') Levels
0 Kelvin Cross Sections

80-Hg-200



5

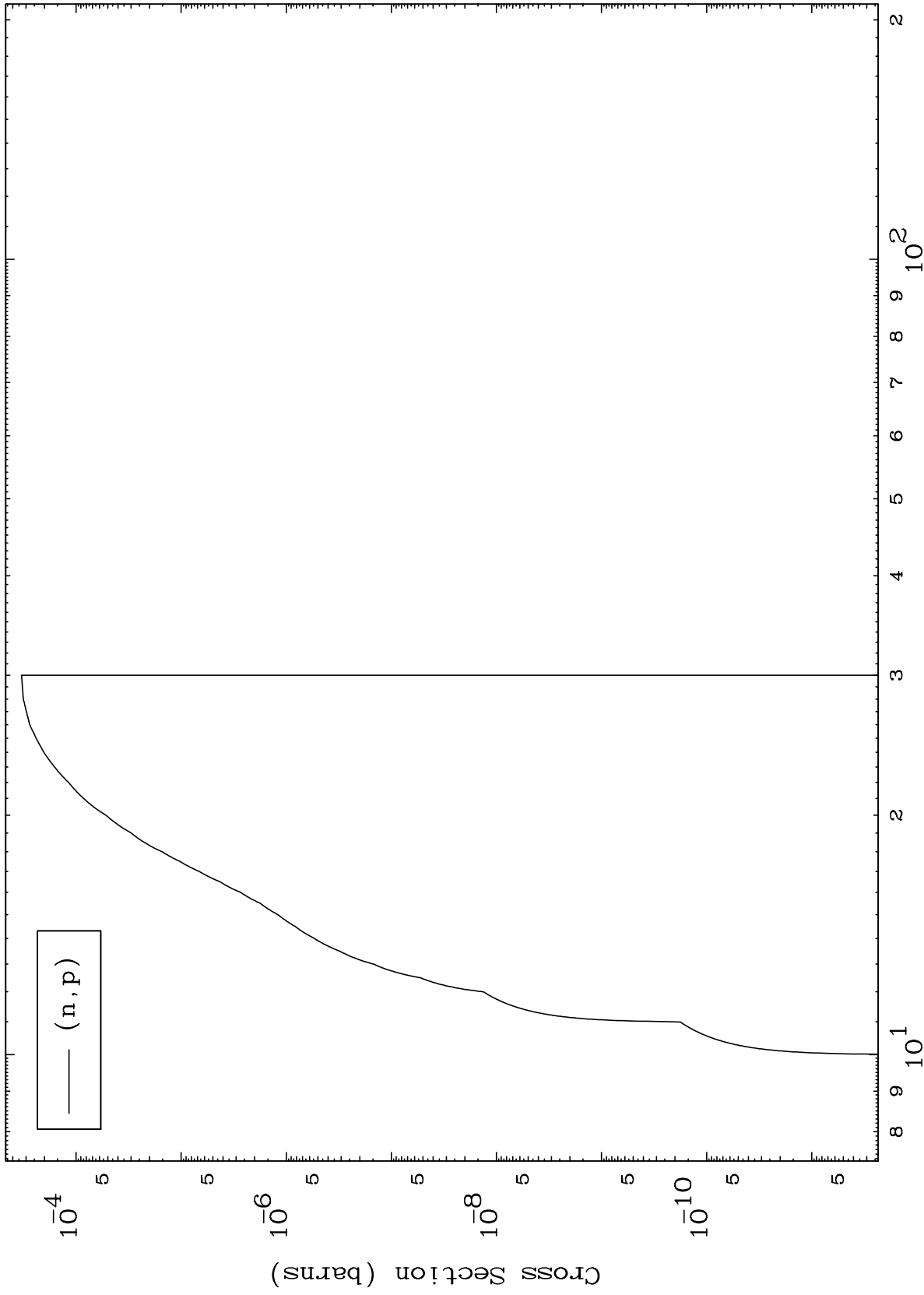
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-200



6

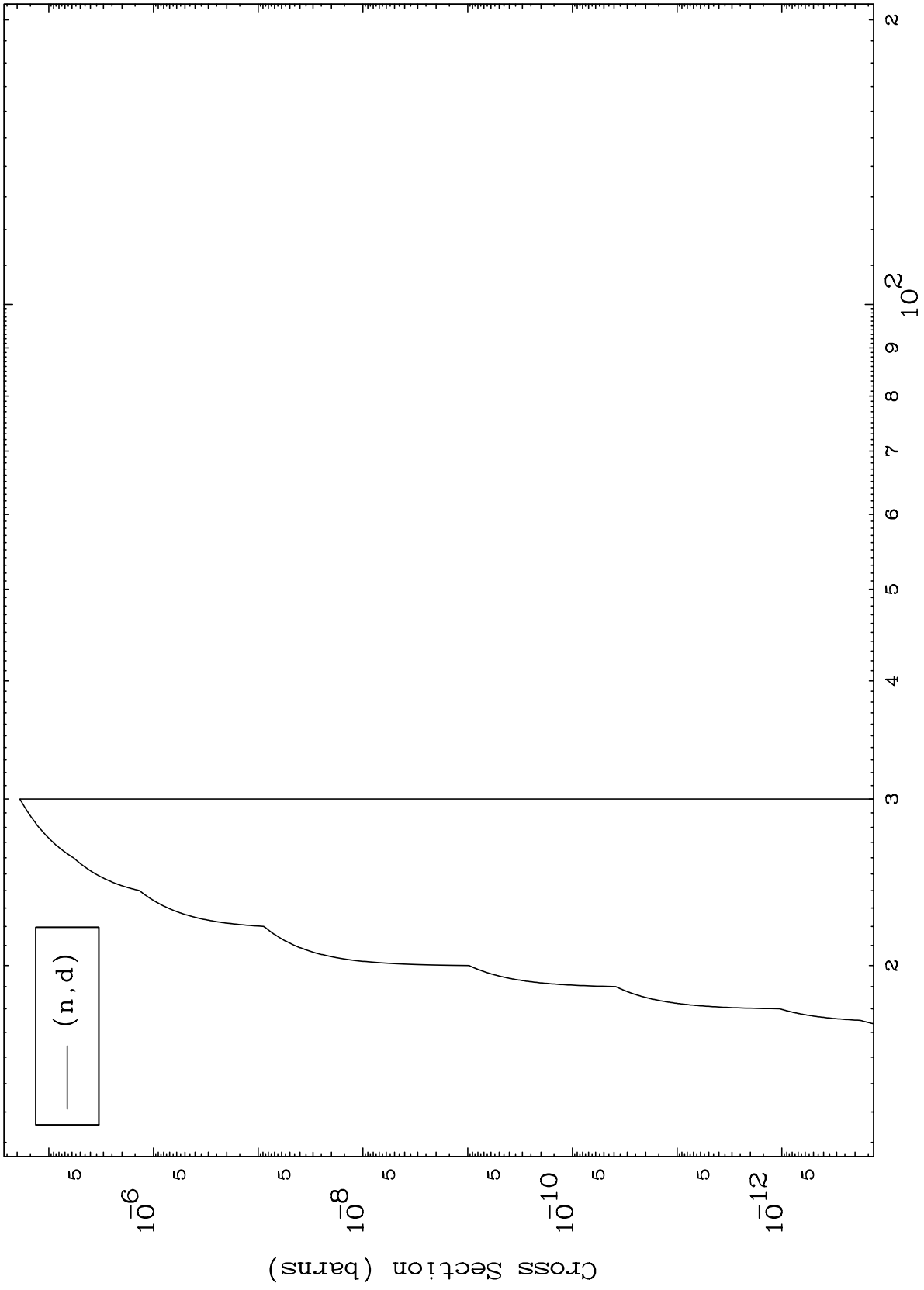
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-200



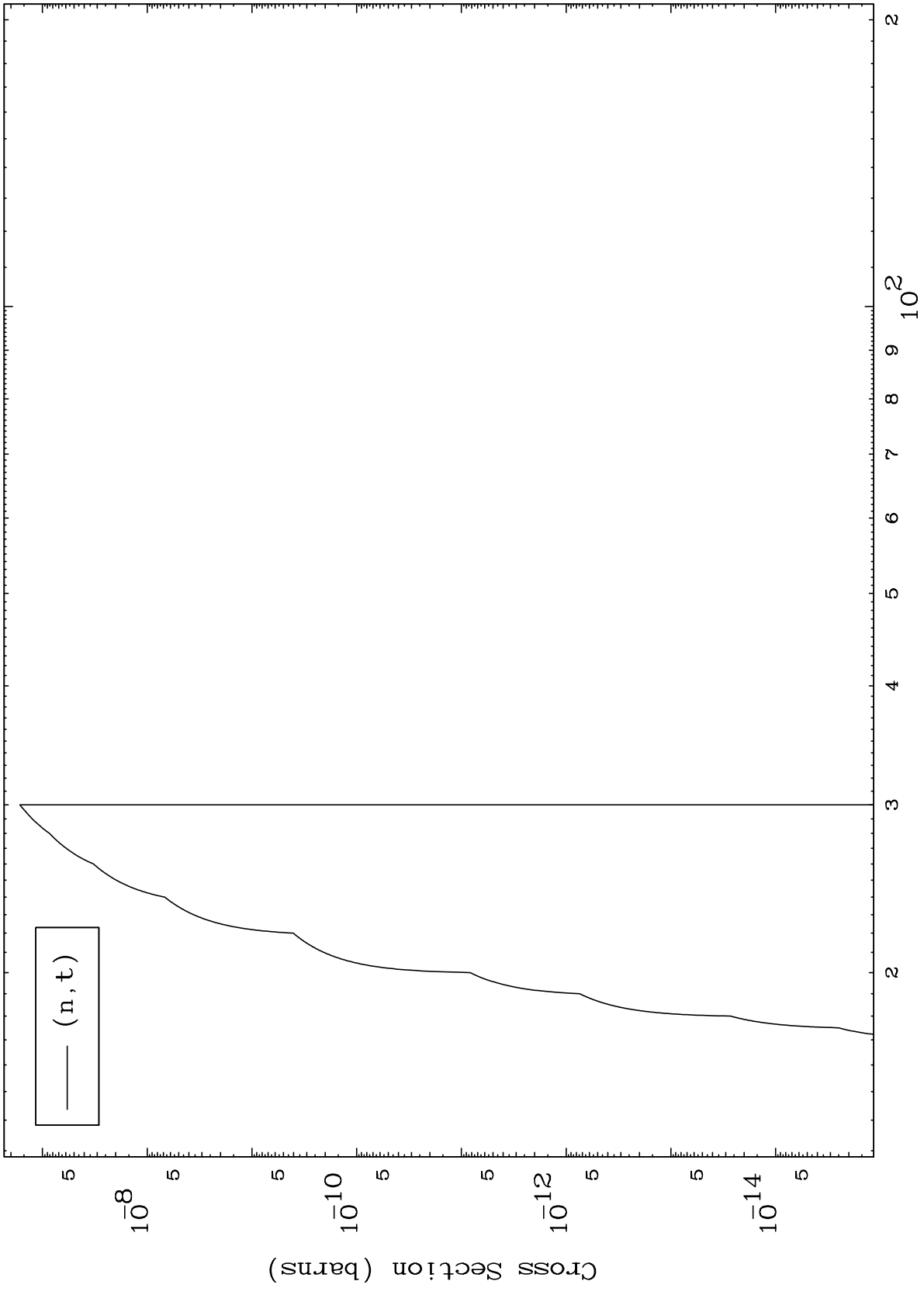
7

80-Hg-200

MAT 8037

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-200



8

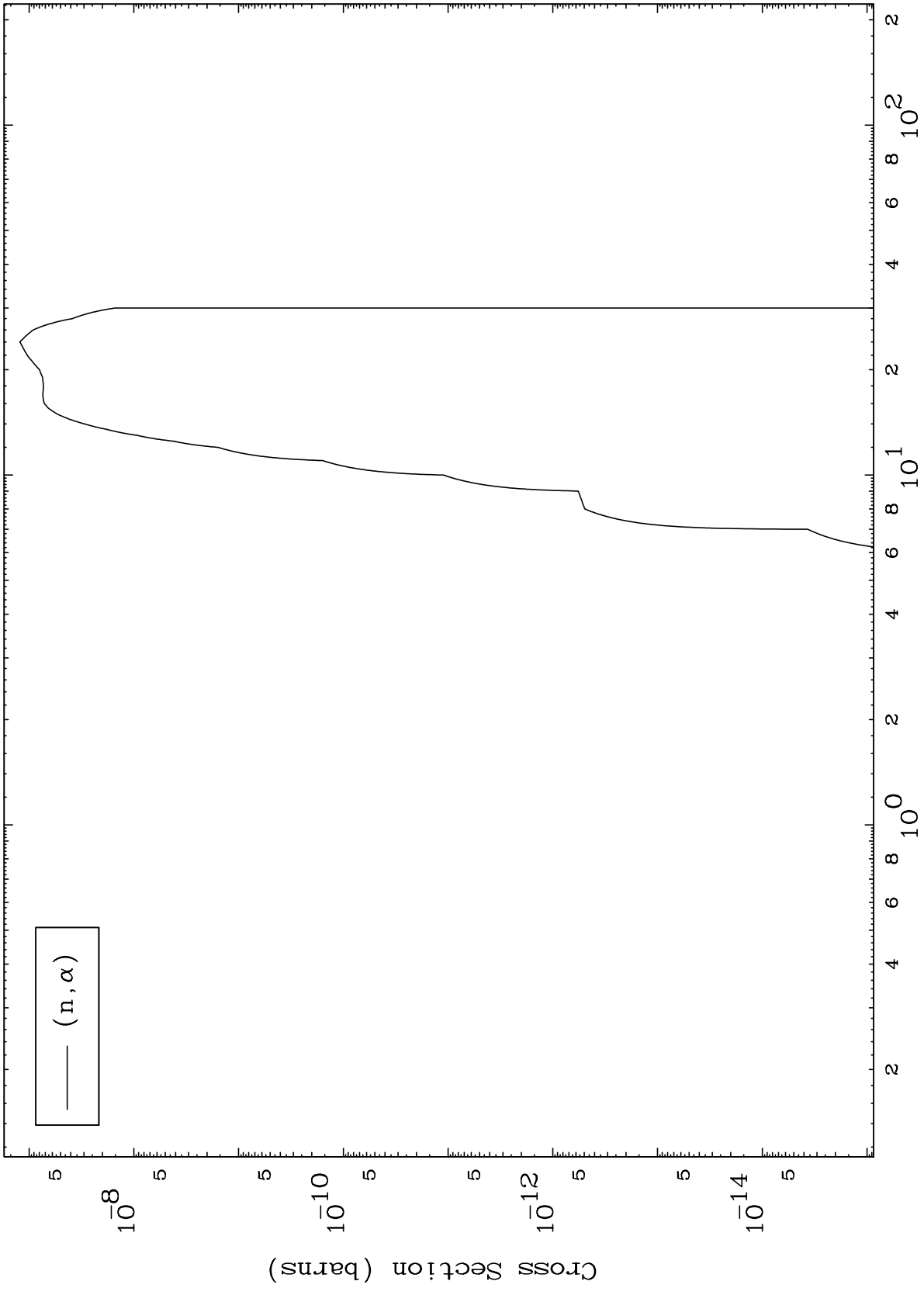
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, α) Levels
0 Kelvin Cross Sections

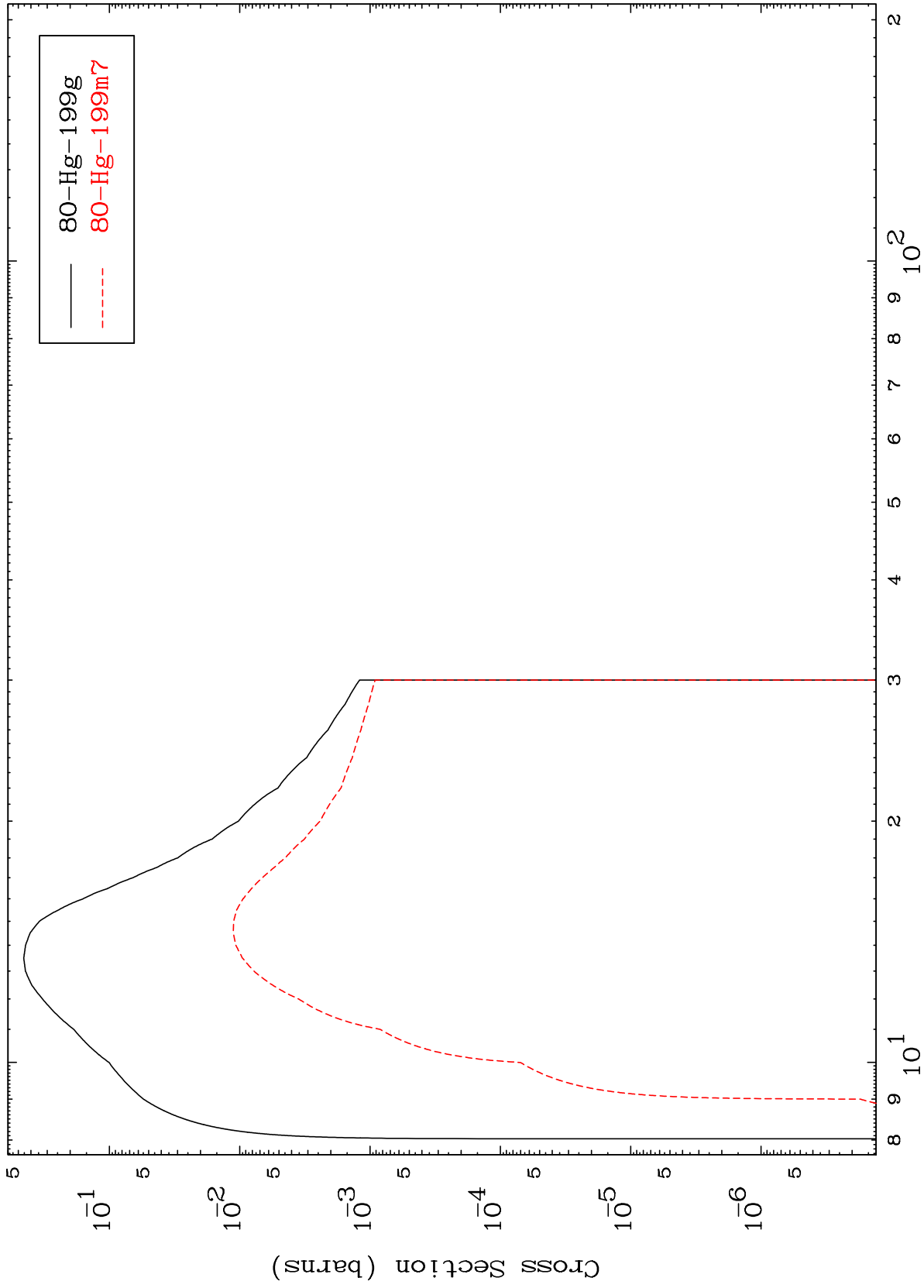
80-Hg-200



MAT 8037

Inelastic
Radionuclide Production Cross Section

80-Hg-200



10

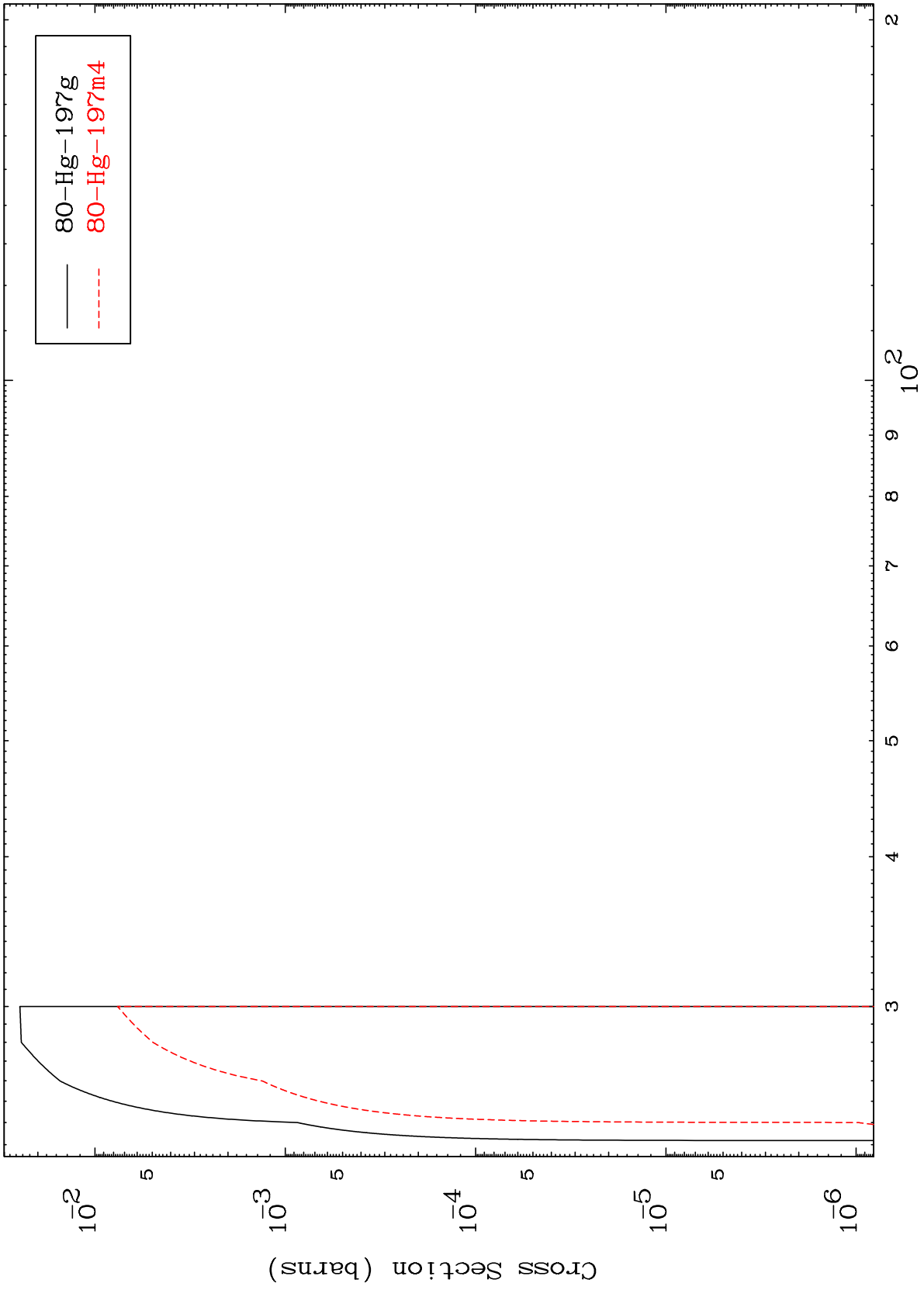
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,3n)
Radionuclide Production Cross Section



11

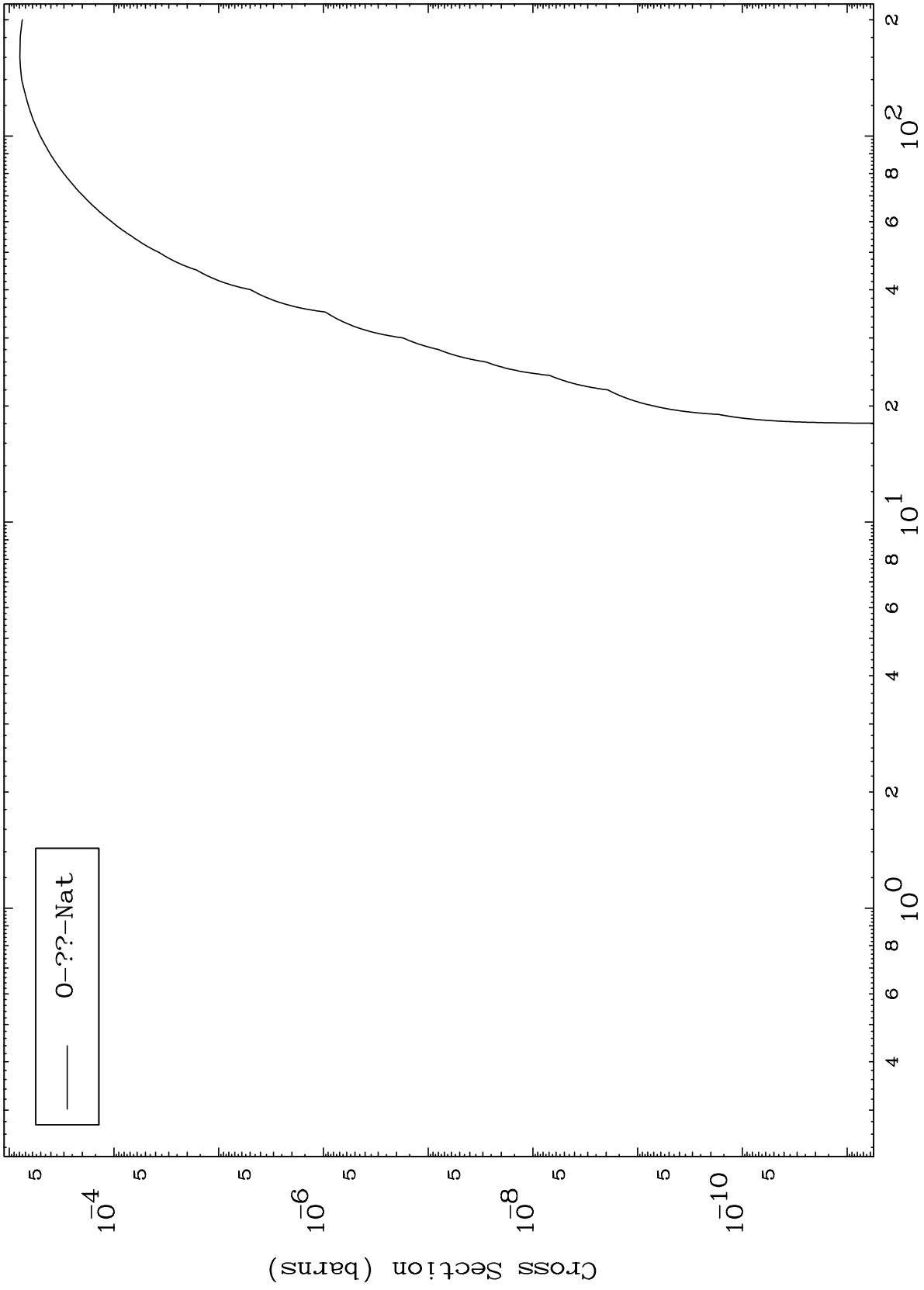
Incident Energy (MeV)

80-Hg-200

MAT 8037

Fission
Radionuclide Production Cross Section

80-Hg-200



12

Incident Energy (MeV)

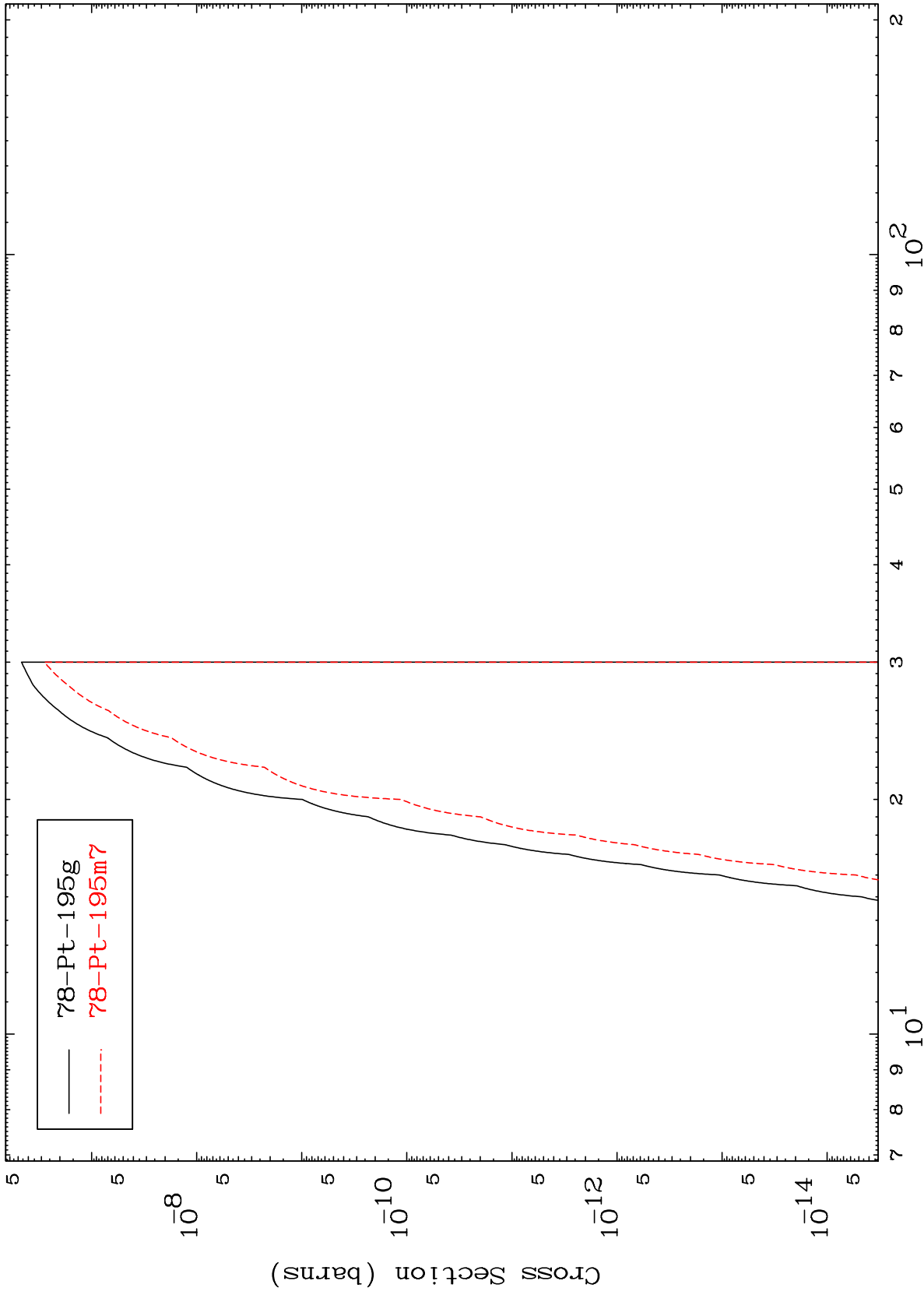
80-Hg-200

MAT 8037

(n,n') α

80-Hg-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

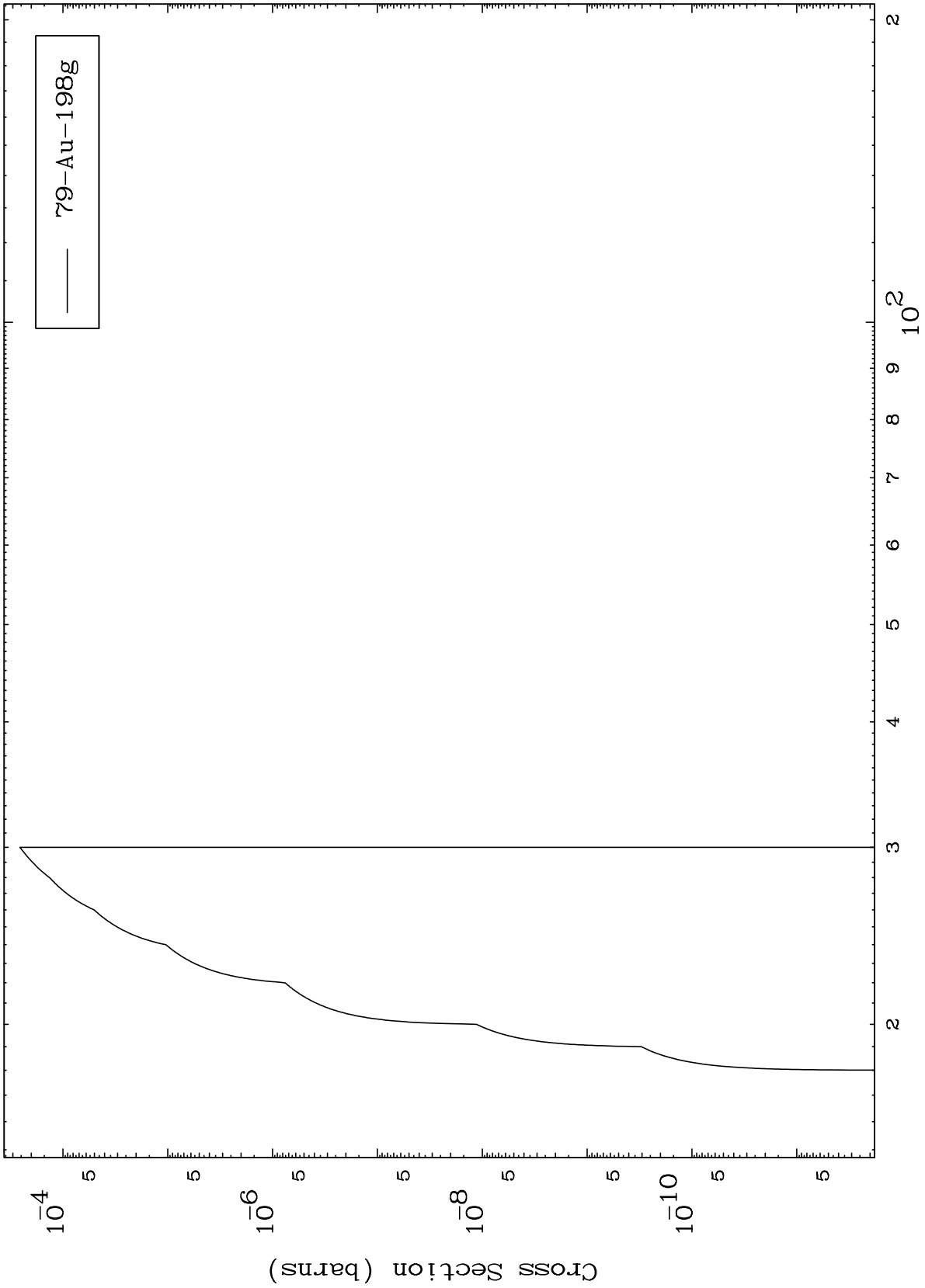
80-Hg-200

MAT 8037

(n,n') p

80-Hg-200

Radionuclide Production Cross Section



14

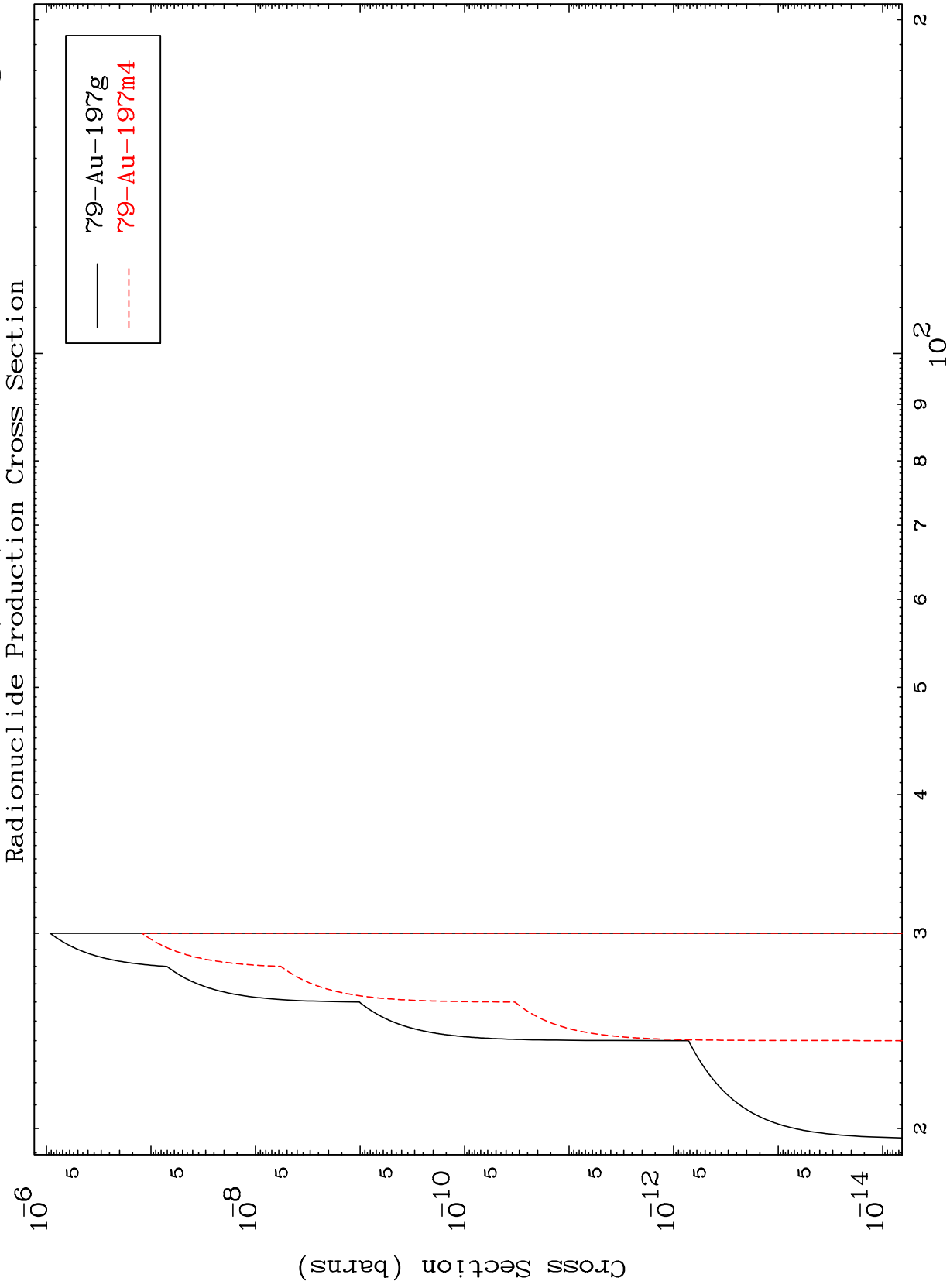
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n, n') d

80-Hg-200



15

Incident Energy (MeV)

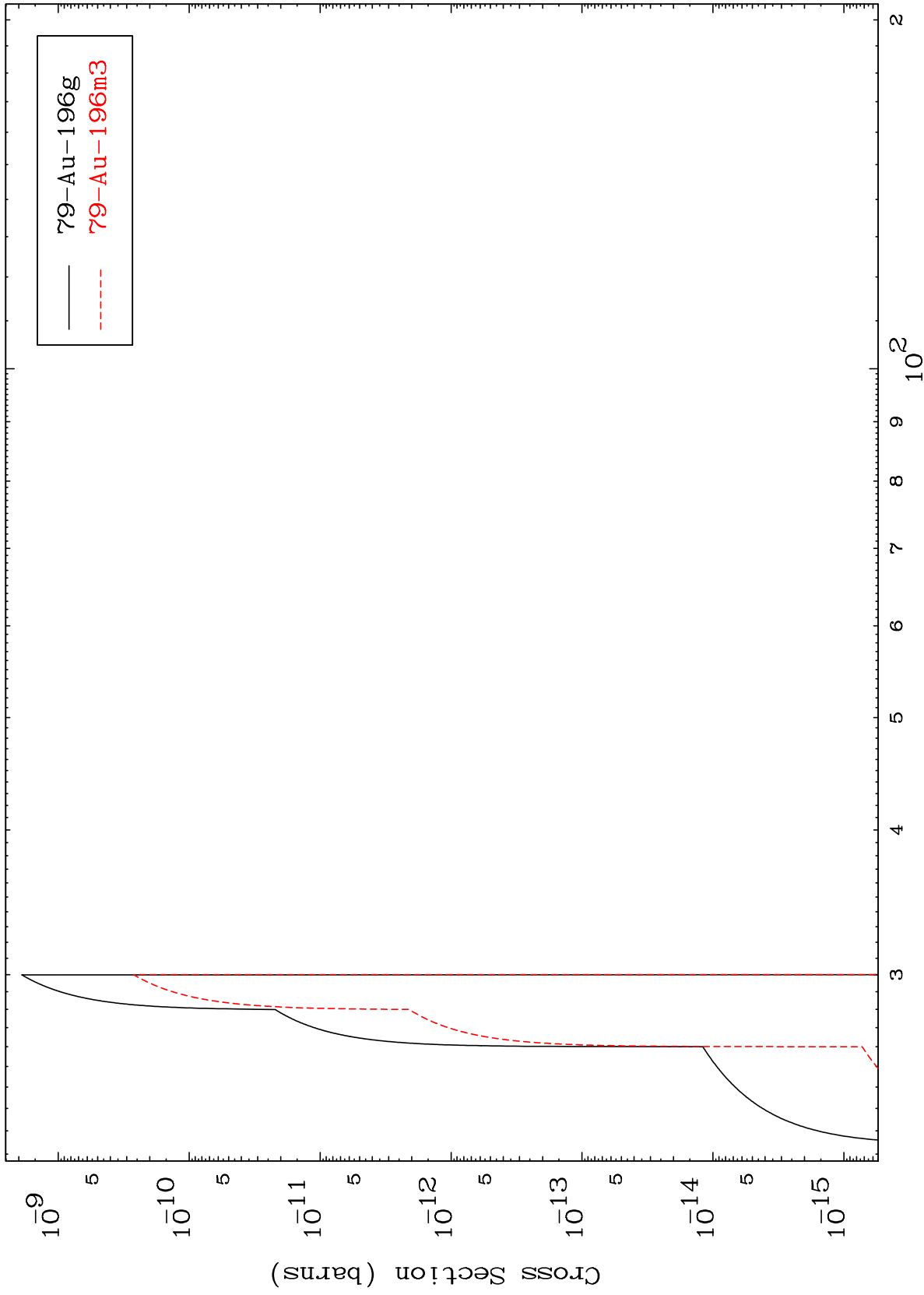
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

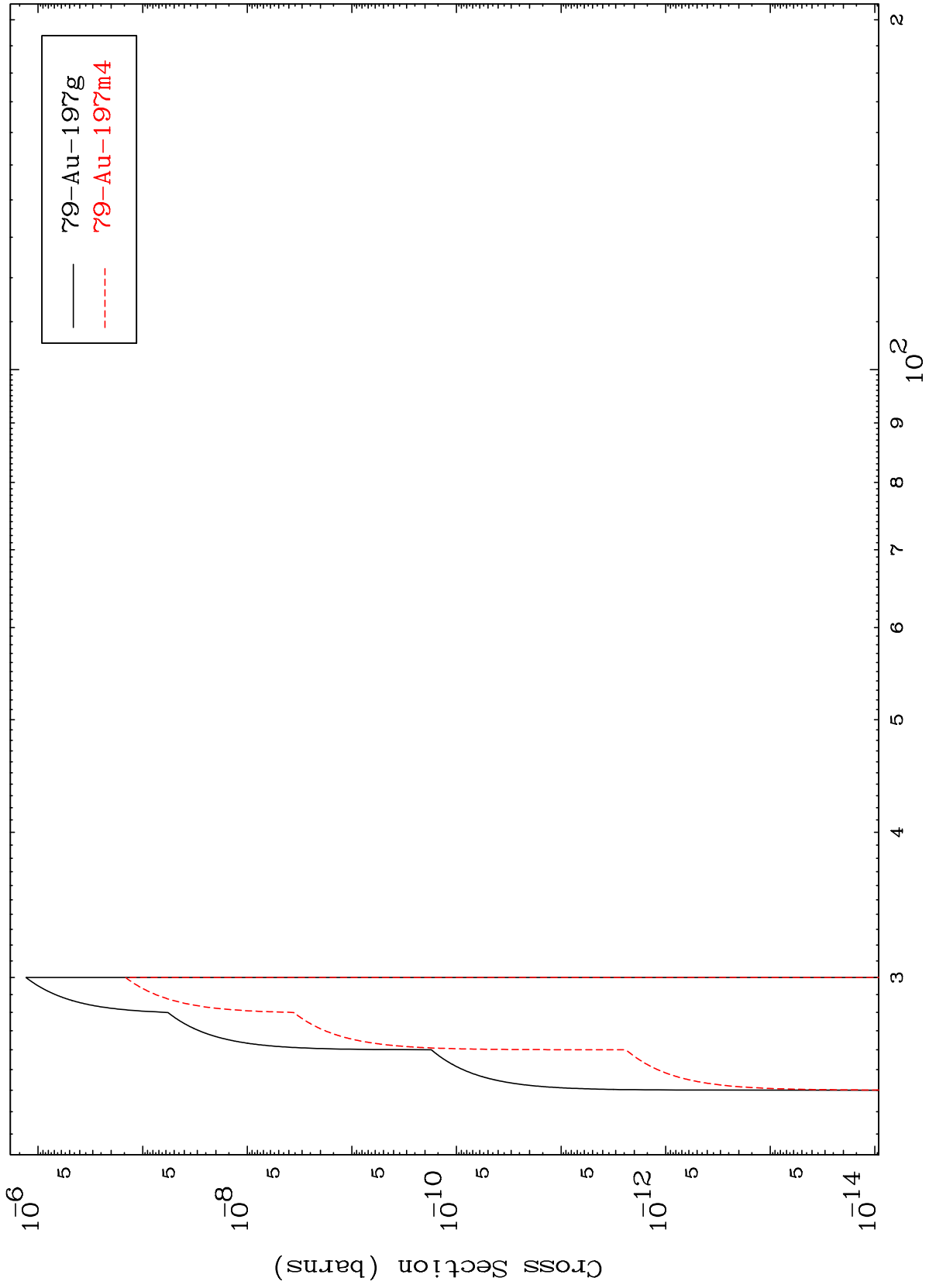
80-Hg-200

MAT 8037

(n,2n) p

80-Hg-200

Radionuclide Production Cross Section



17

Incident Energy (MeV)

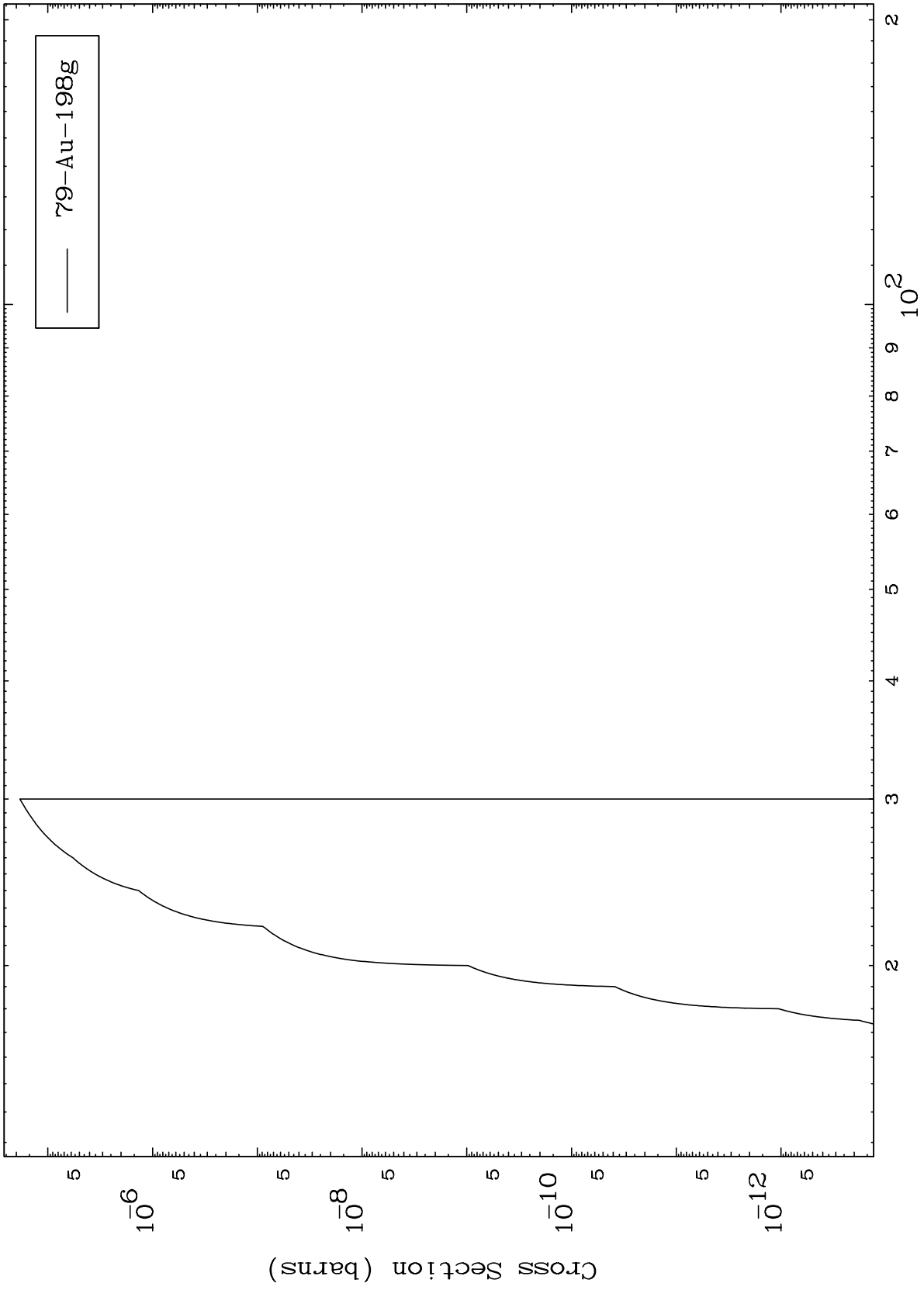
80-Hg-200

MAT 8037

(n,d)

80-Hg-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

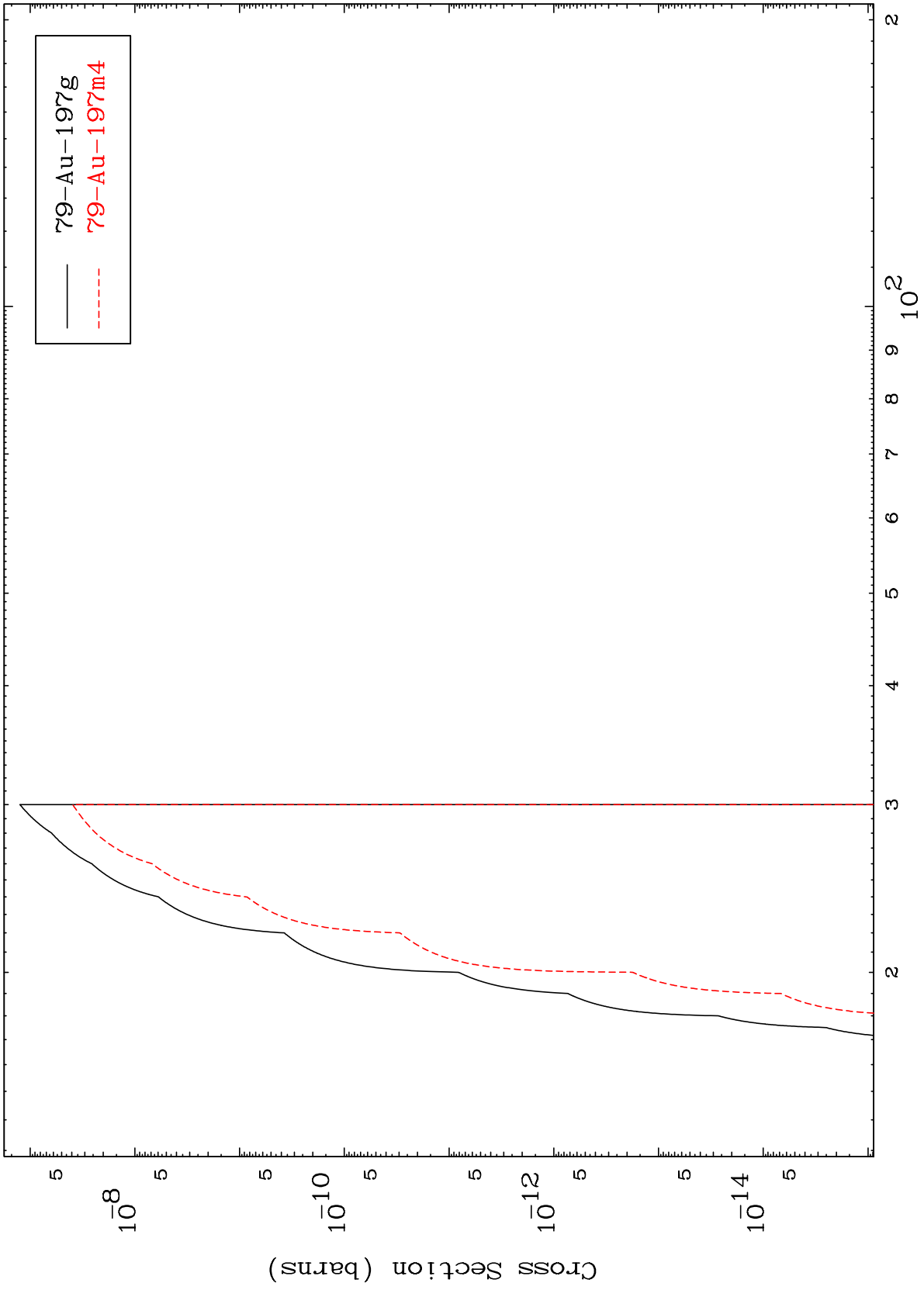
80-Hg-200

MAT 8037

(n, t)

80-Hg-200

Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-200