

Program EVALPLOT
(Version 2018-1)

by

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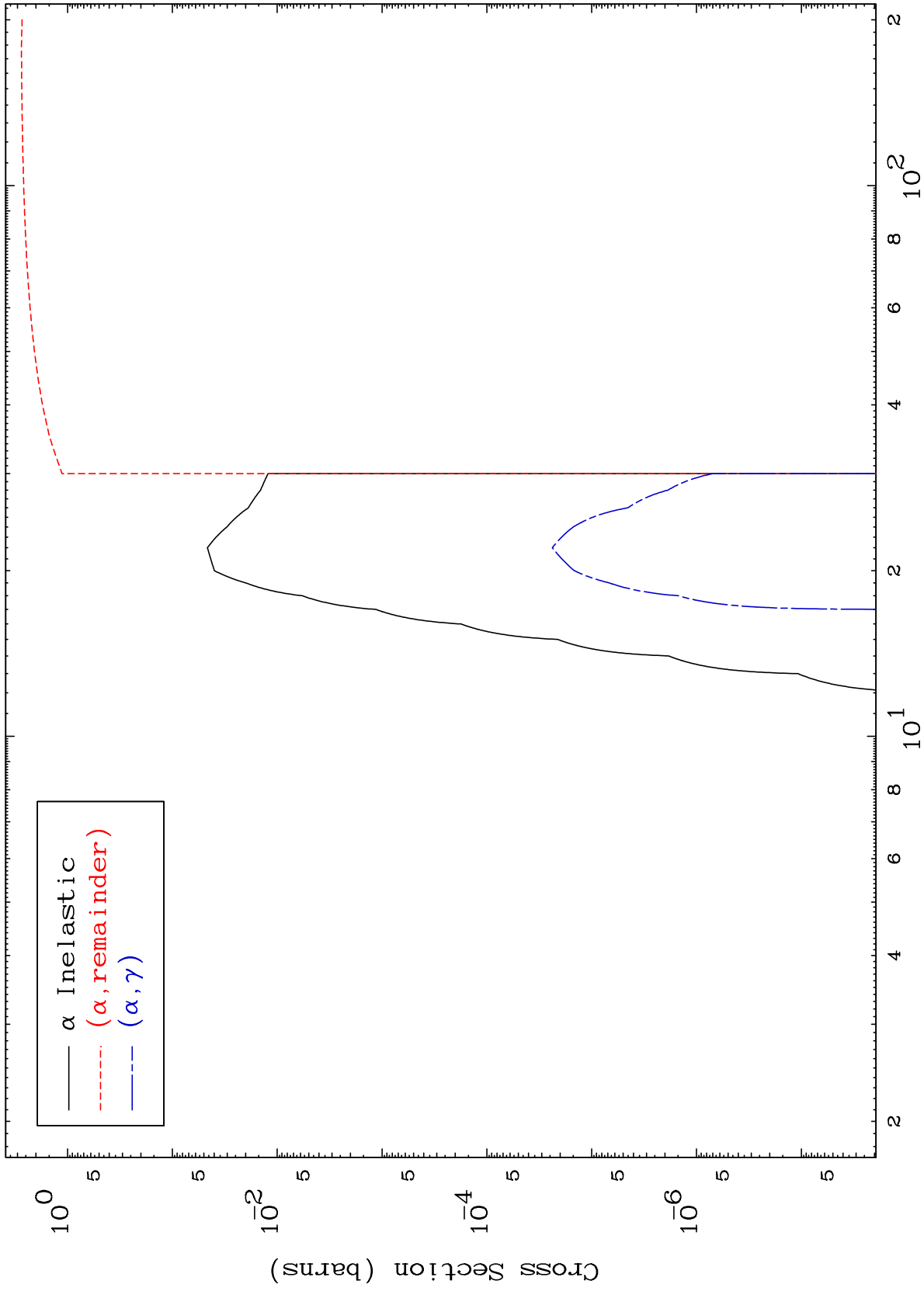
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8035

0 Kelvin α Major

80-Hg-199



1

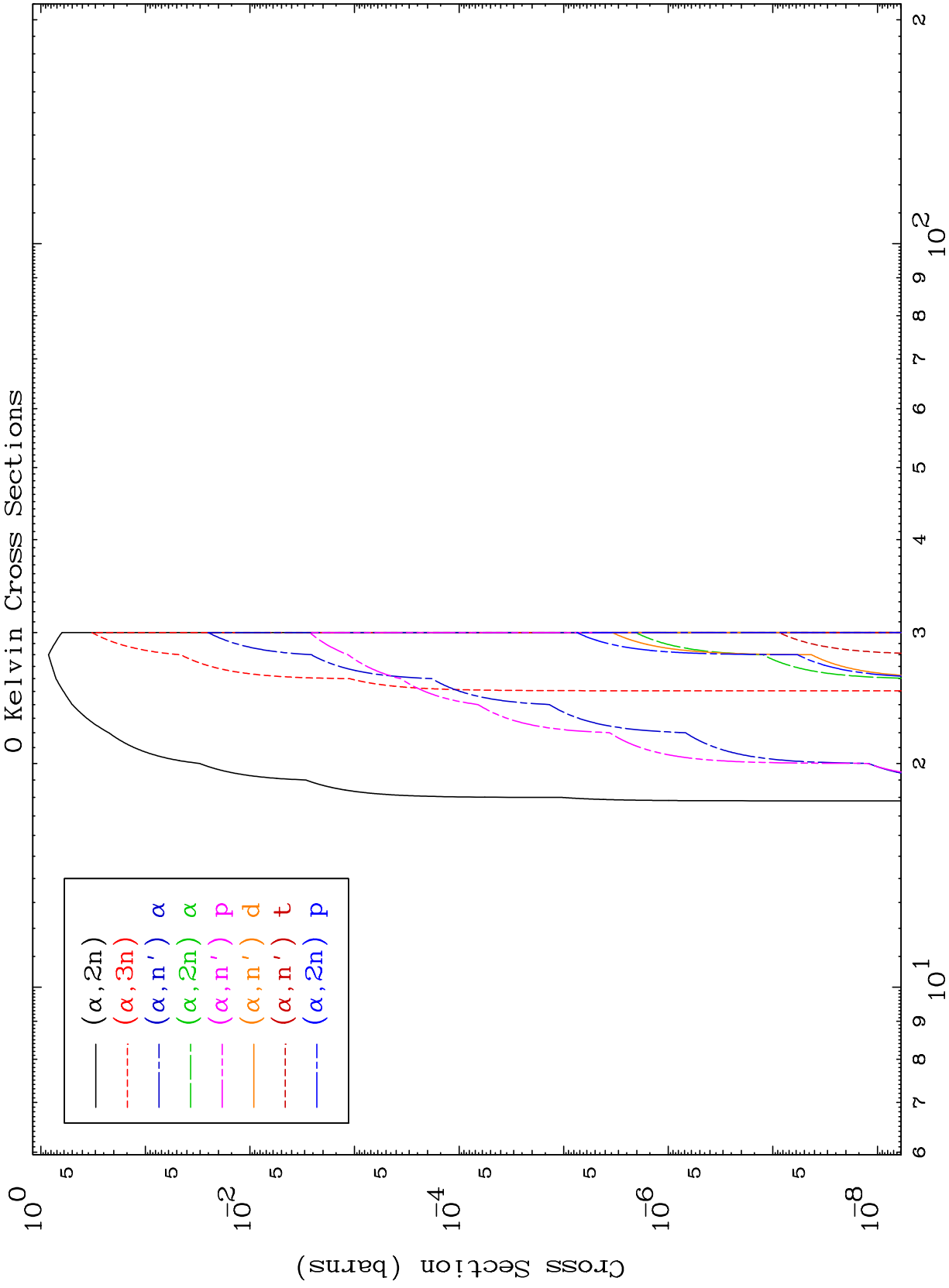
Incident Energy (MeV)

80-Hg-199

MAT 8035

α Neutron Production
0 Kelvin Cross Sections

80-Hg-199



2

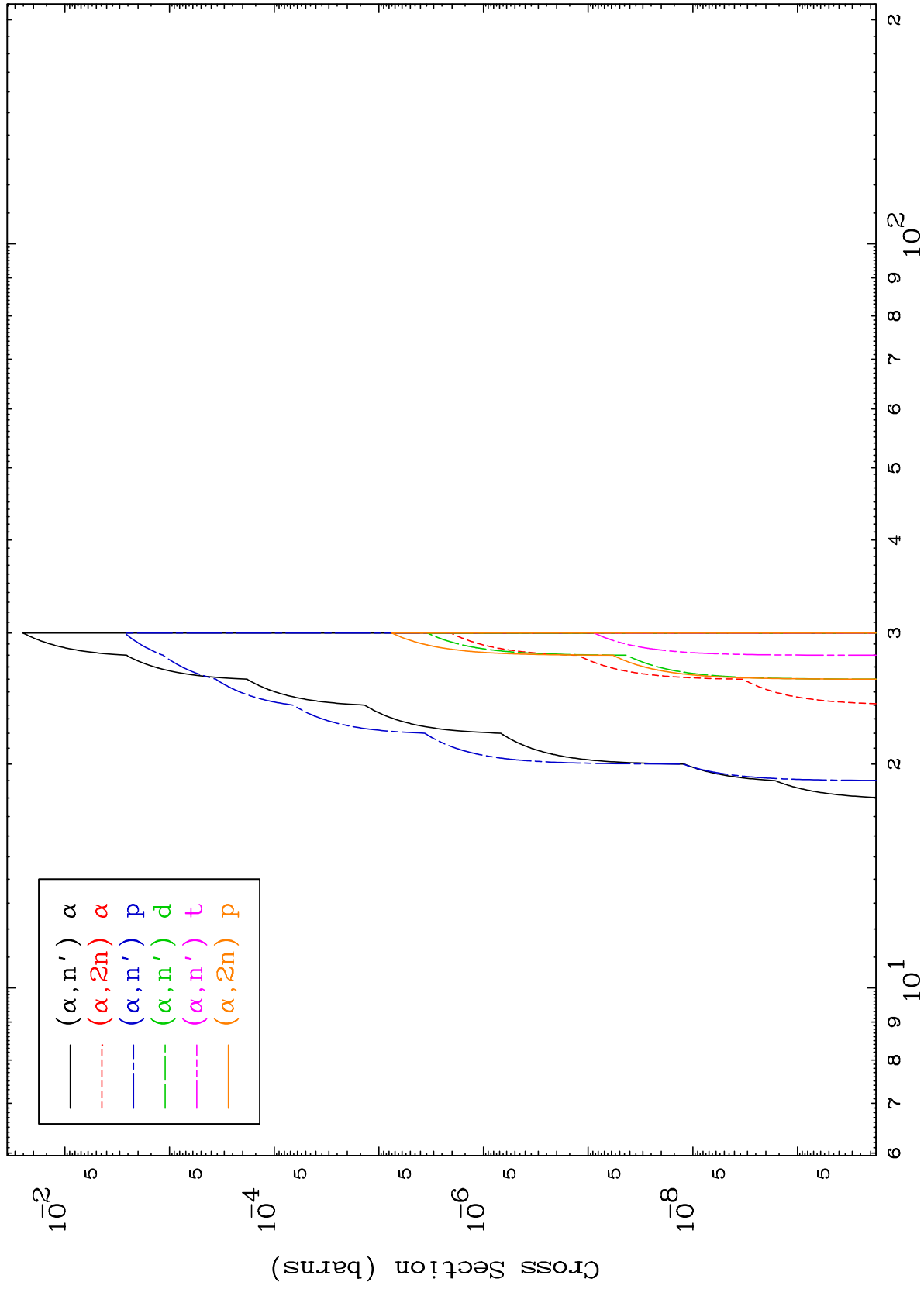
Incident Energy (MeV)

80-Hg-199

MAT 8035

α Charged Particle
0 Kelvin Cross Sections

80-Hg-199



3

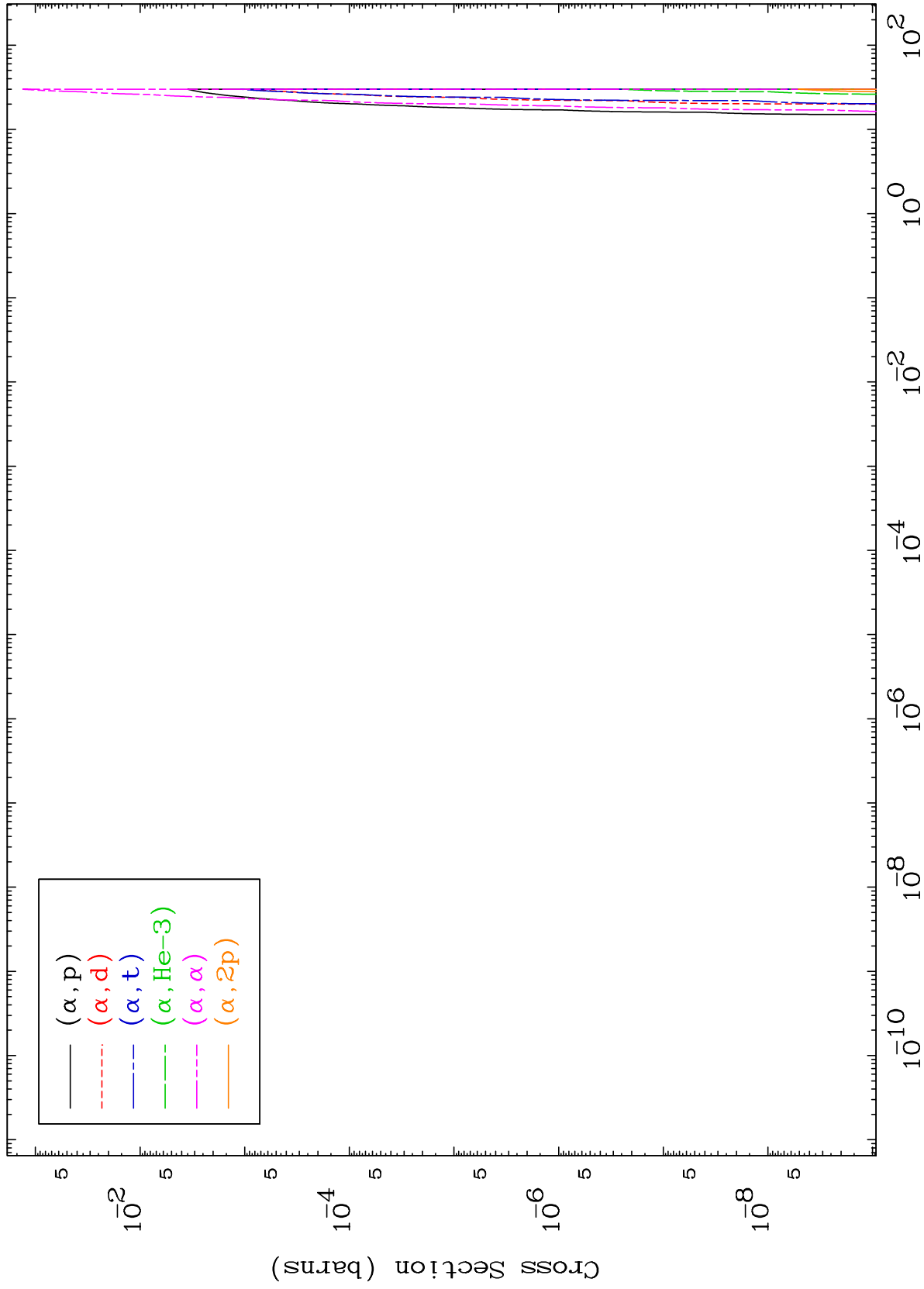
Incident Energy (MeV)

80-Hg-199

MAT 8035

α Charged Particle
0 Kelvin Cross Sections

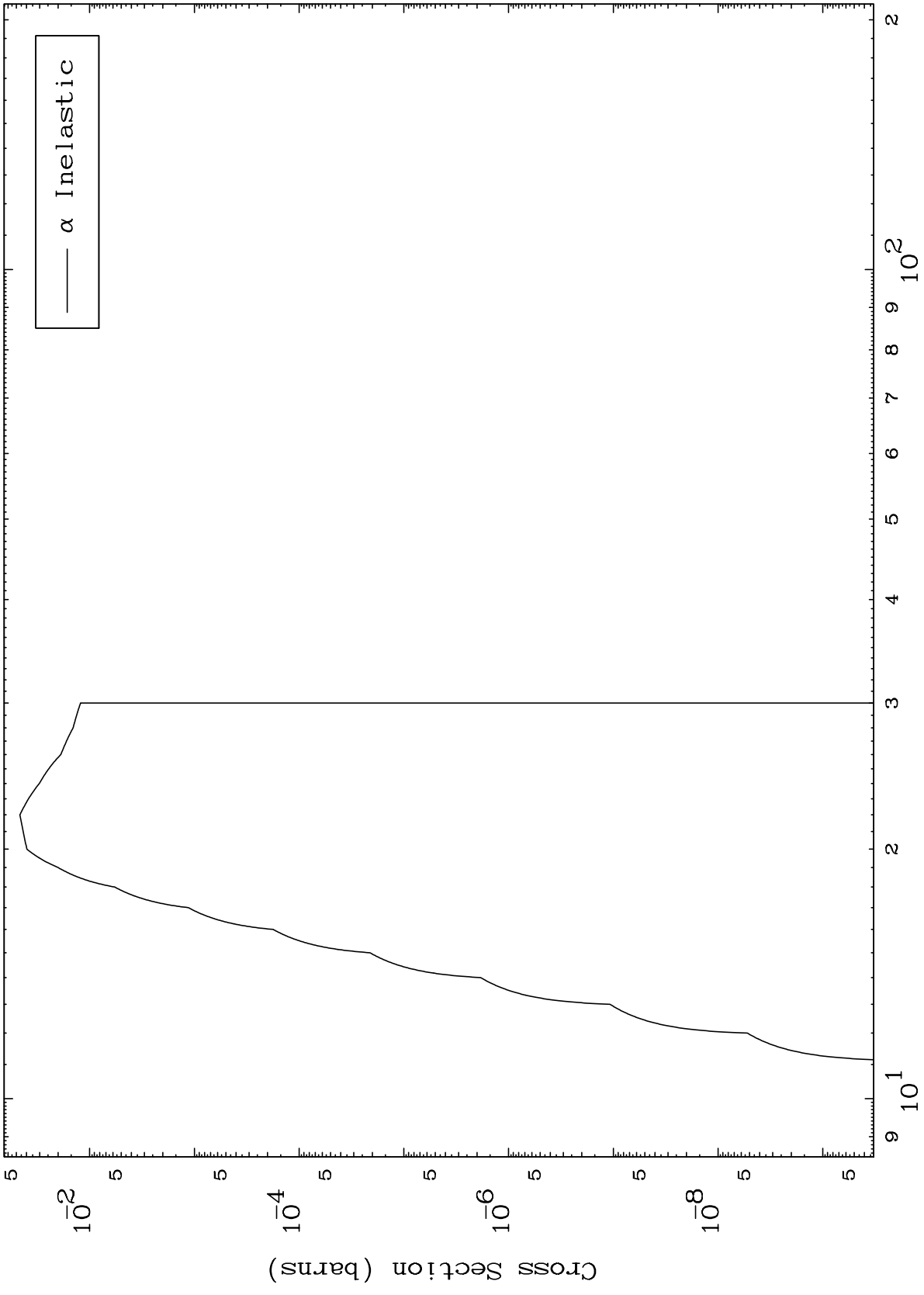
80-Hg-199



MAT 8035

(α, n') Level
0 Kelvin Cross Sections

80-Hg-199



5

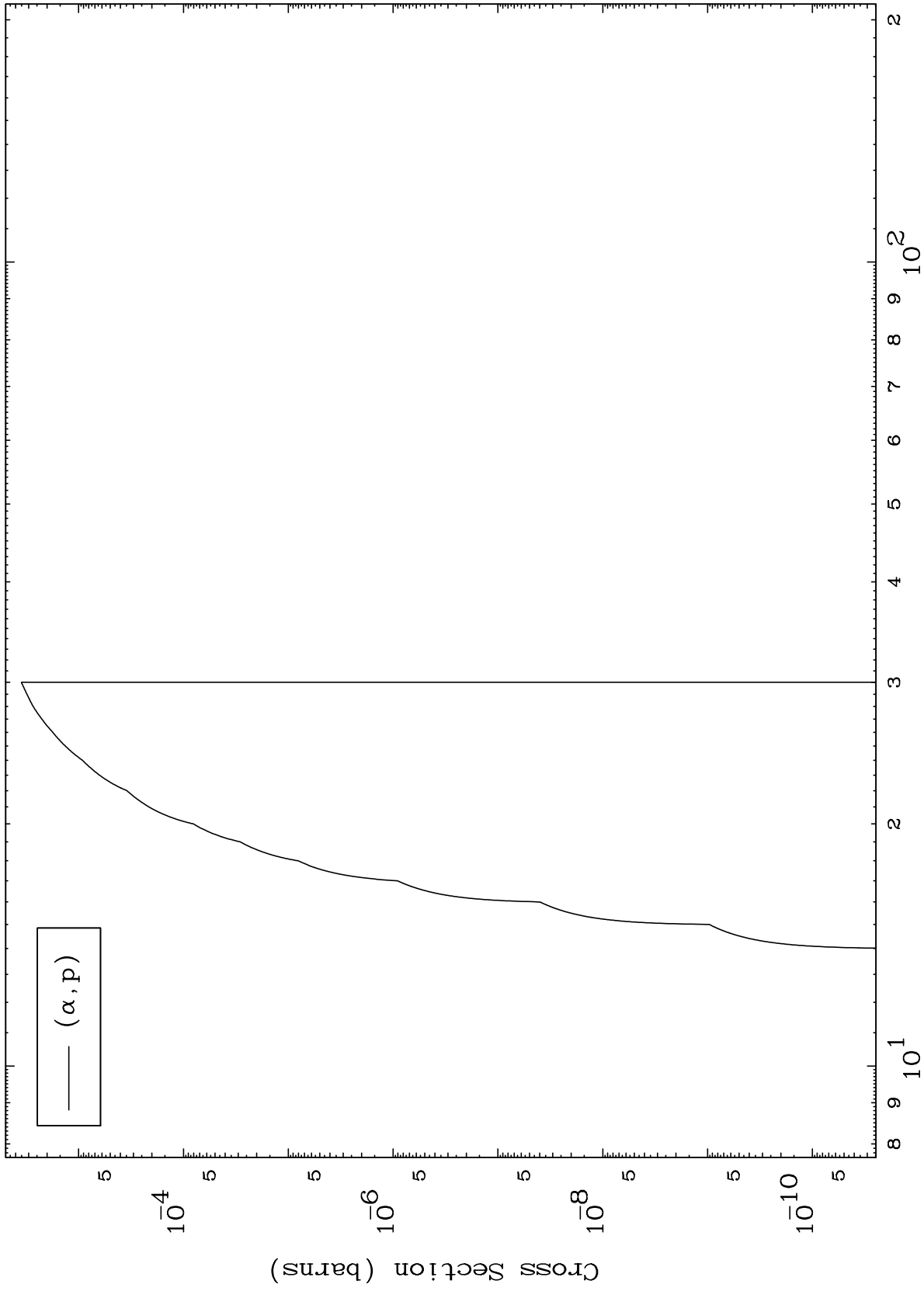
Incident Energy (MeV)

80-Hg-199

MAT 8035

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-199



6

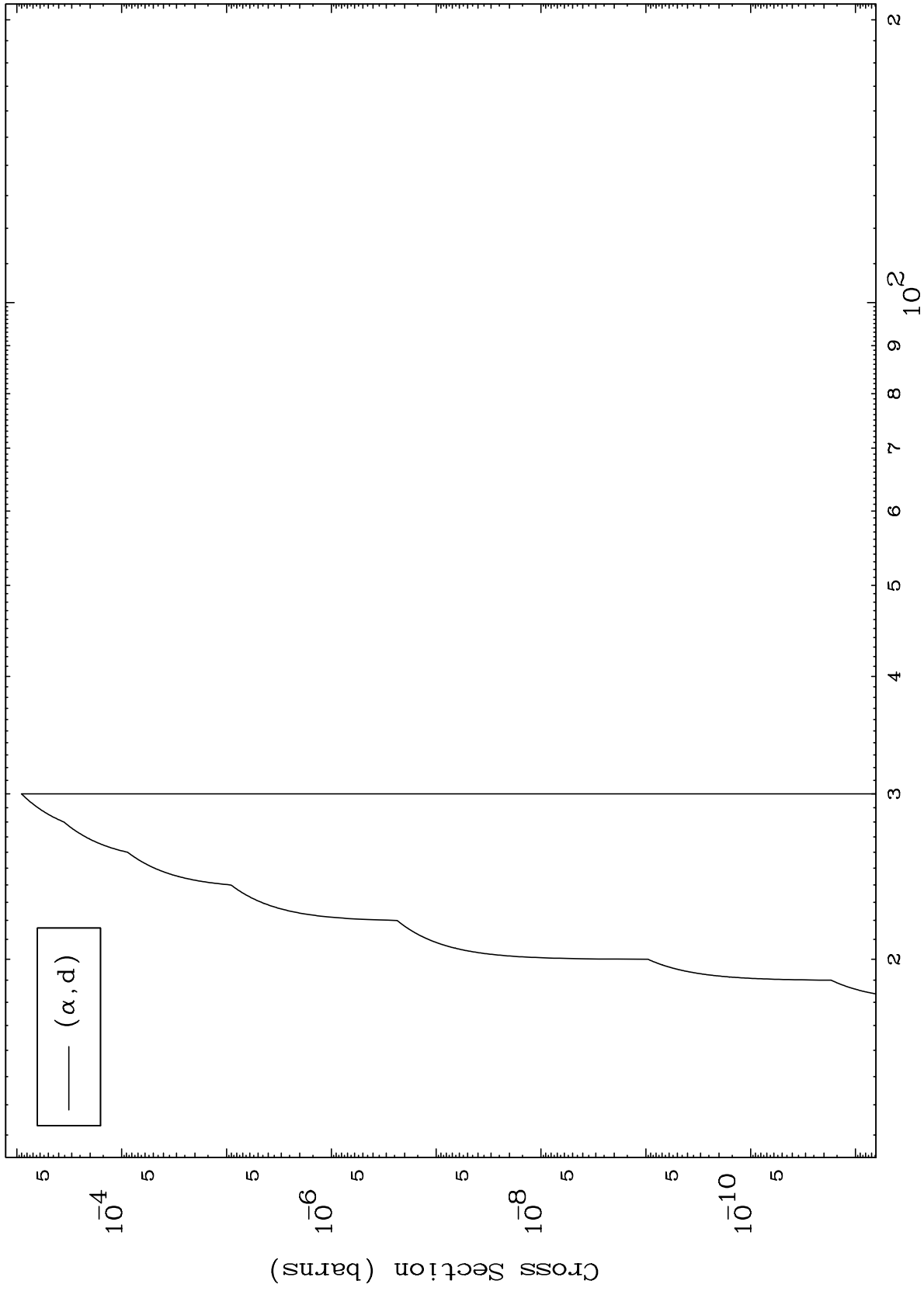
Incident Energy (MeV)

80-Hg-199

MAT 8035

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-199



7

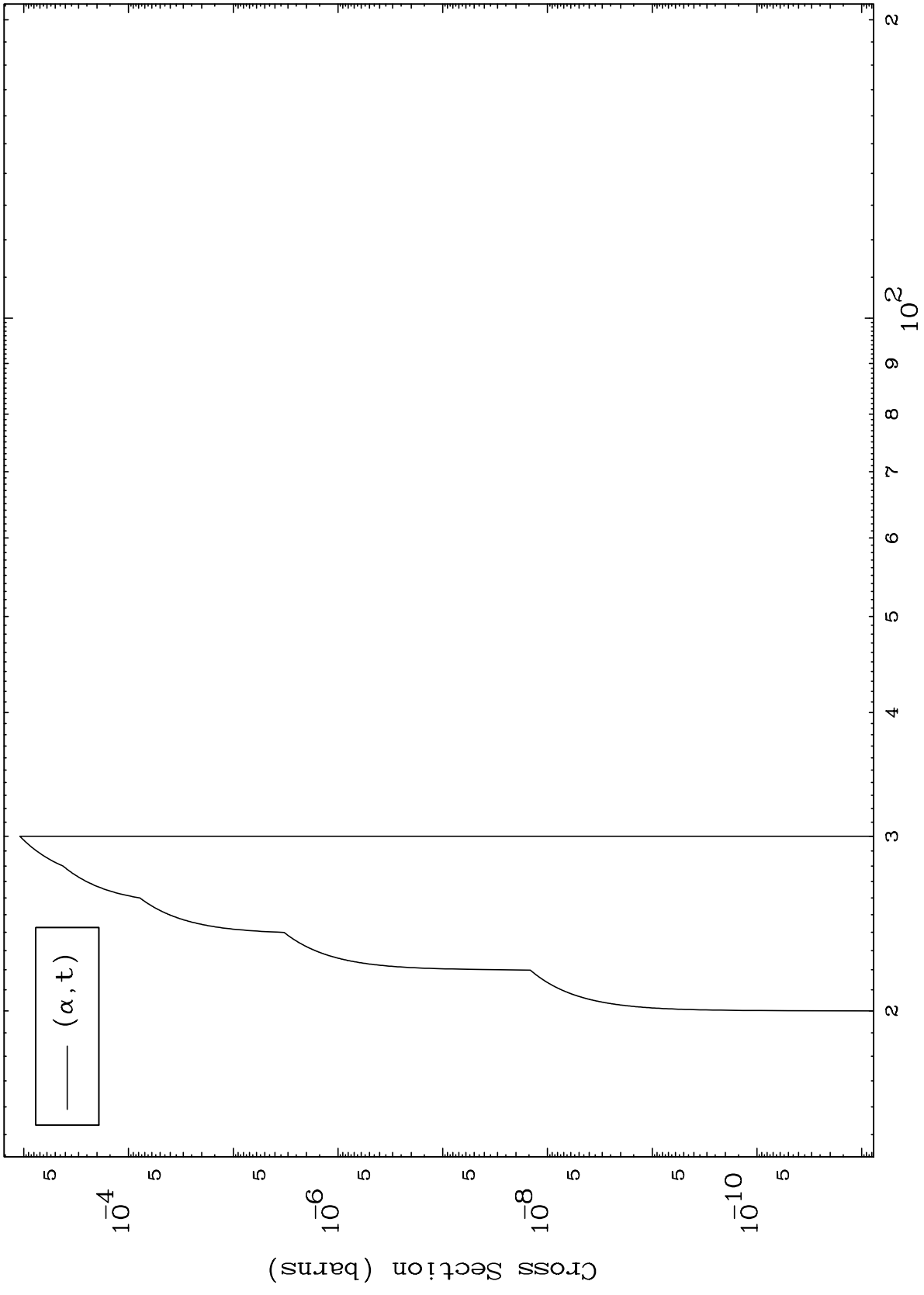
Incident Energy (MeV)

80-Hg-199

MAT 8035

(α, t) Levels
0 Kelvin Cross Sections

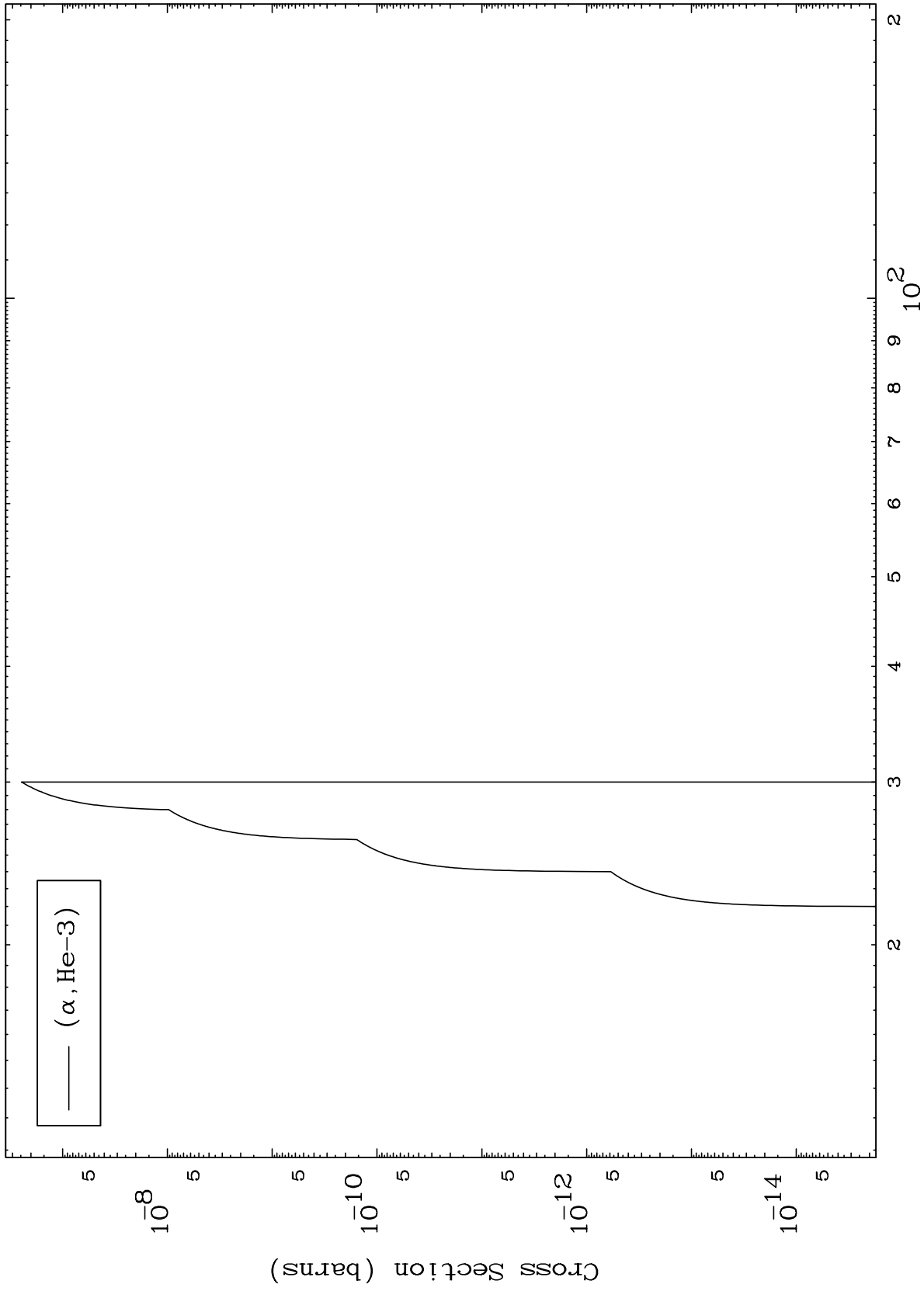
80-Hg-199



8

Incident Energy (MeV)

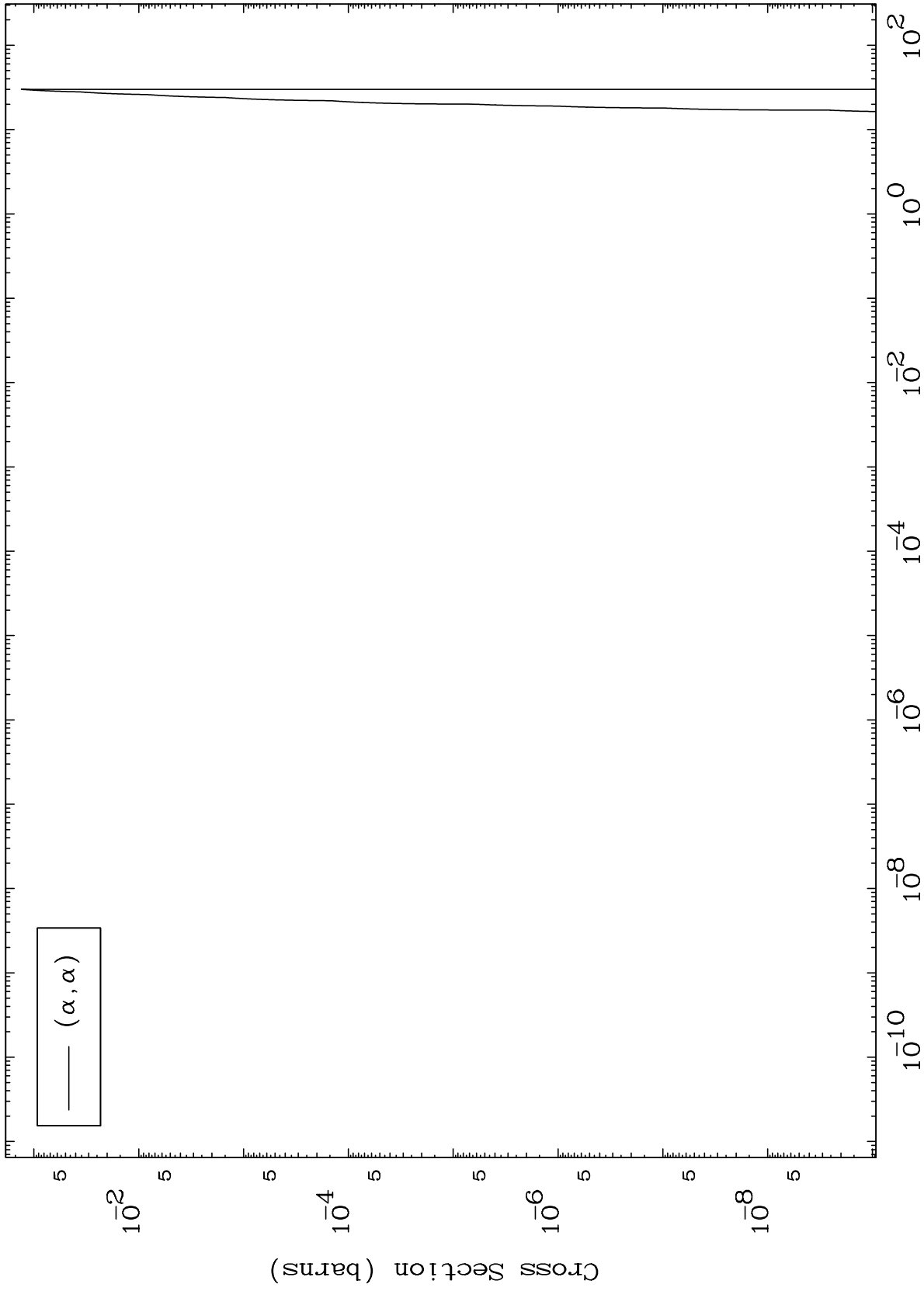
80-Hg-199



MAT 8035

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-199



10

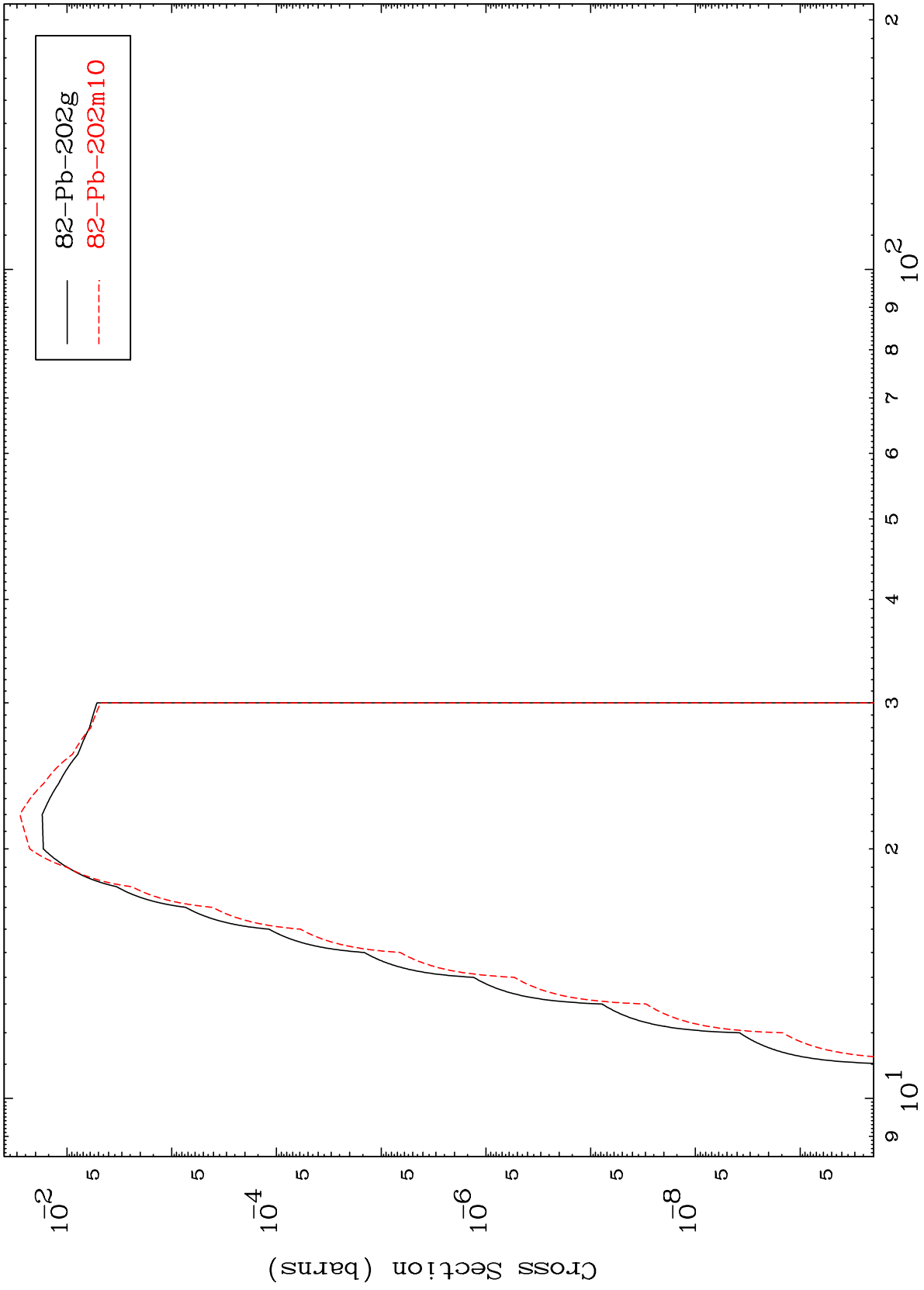
Incident Energy (MeV)

80-Hg-199

MAT 8035

Radionuclide Production Cross Section
 α Inelastic

80-Hg-199



11

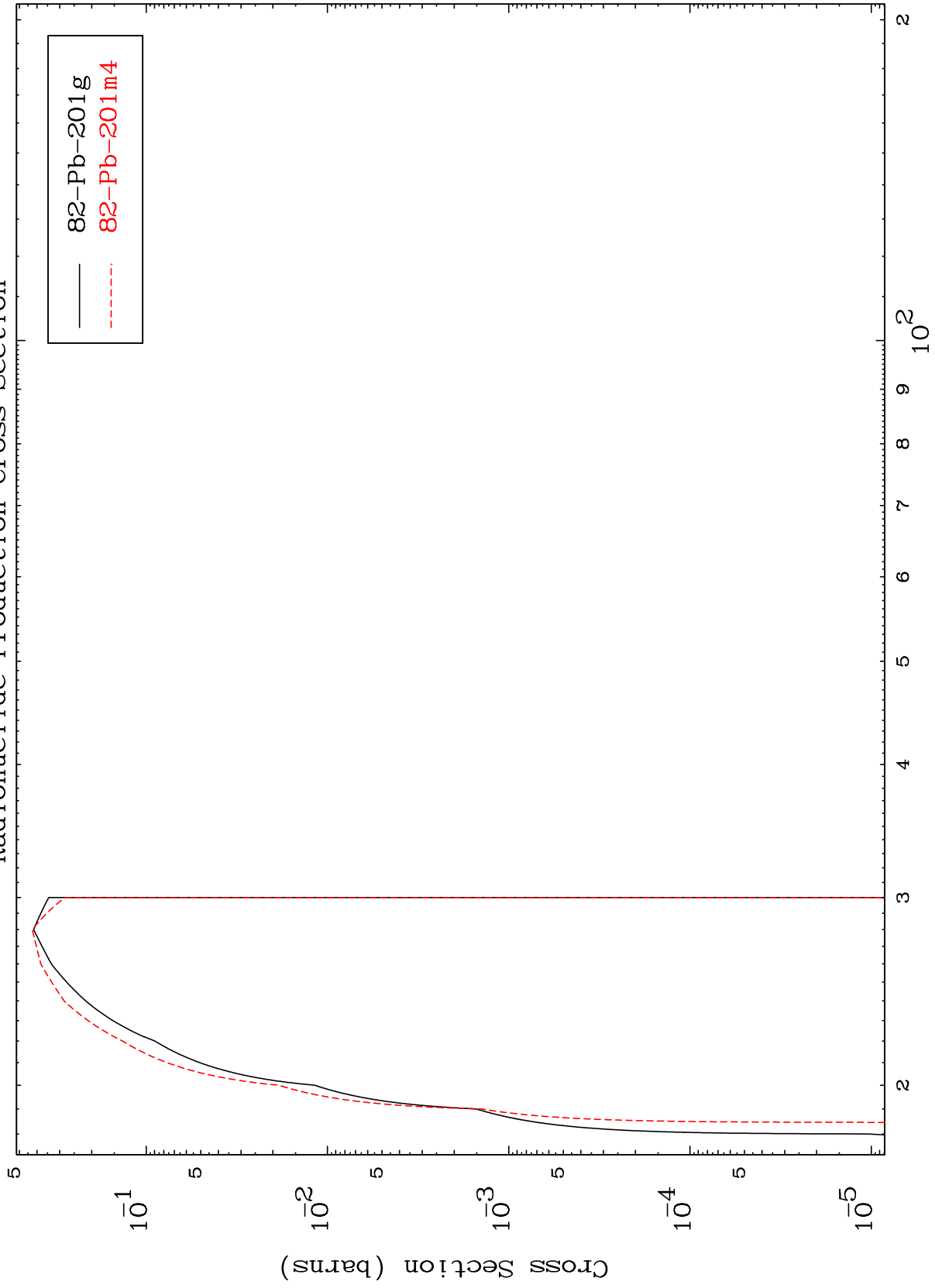
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

($\alpha, 2n$)
Radionuclide Production Cross Section



12

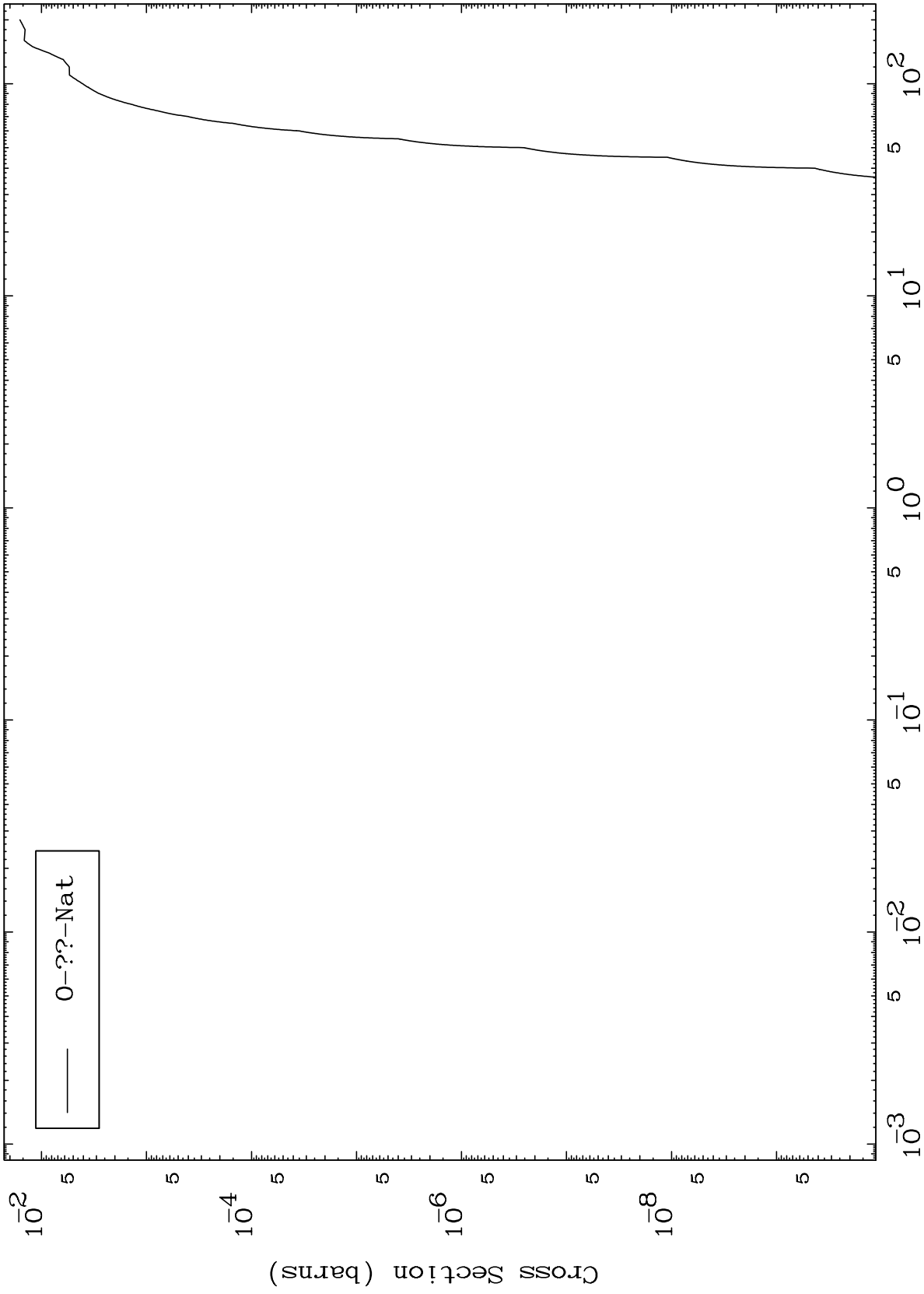
Incident Energy (MeV)

80-Hg-199

MAT 8035

α Fission
Radionuclide Production Cross Section

80-Hg-199



13

Incident Energy (MeV)

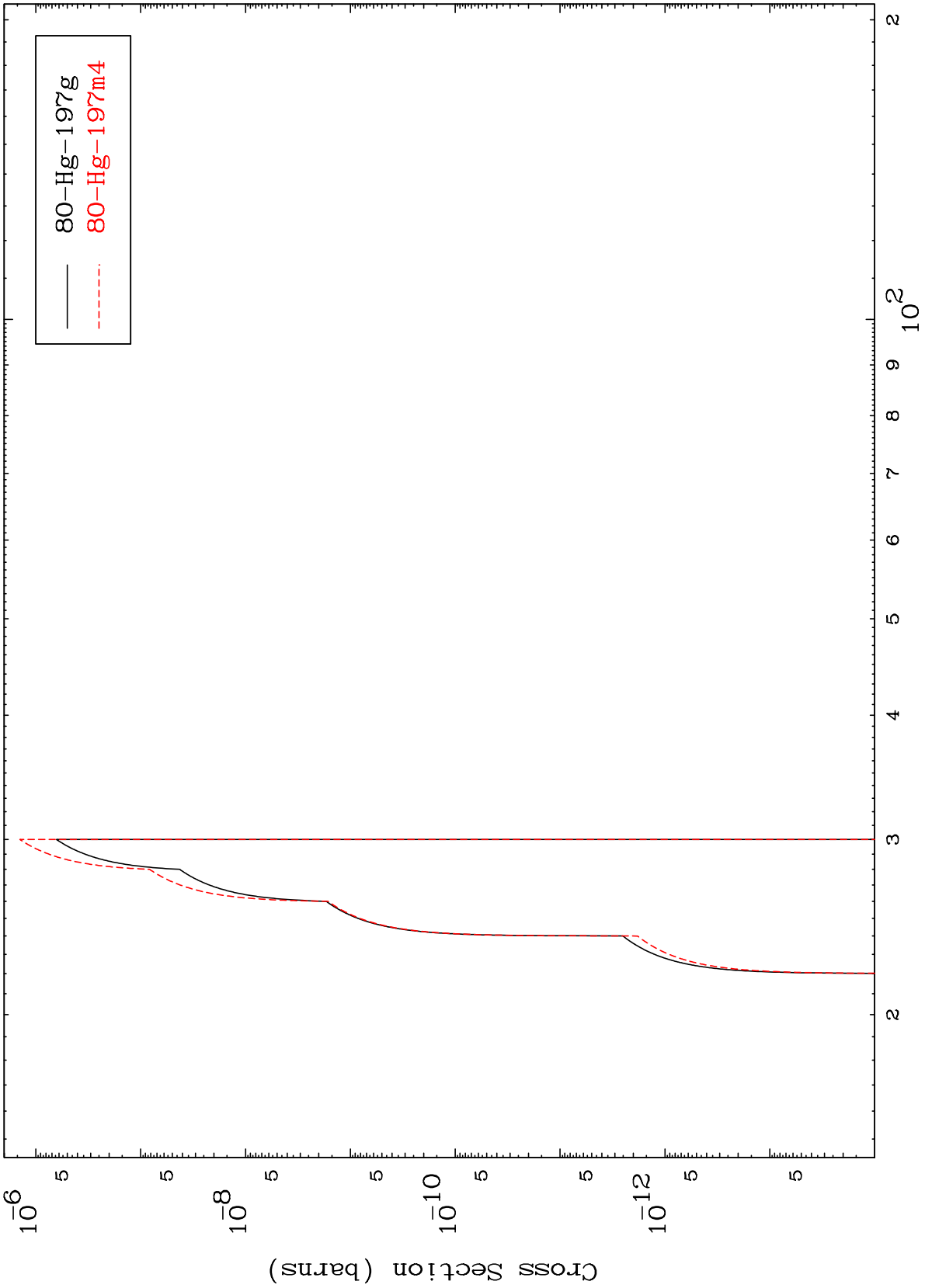
80-Hg-199

MAT 8035

$(\alpha, 2n) \alpha$

80-Hg-199

Radionuclide Production Cross Section



14

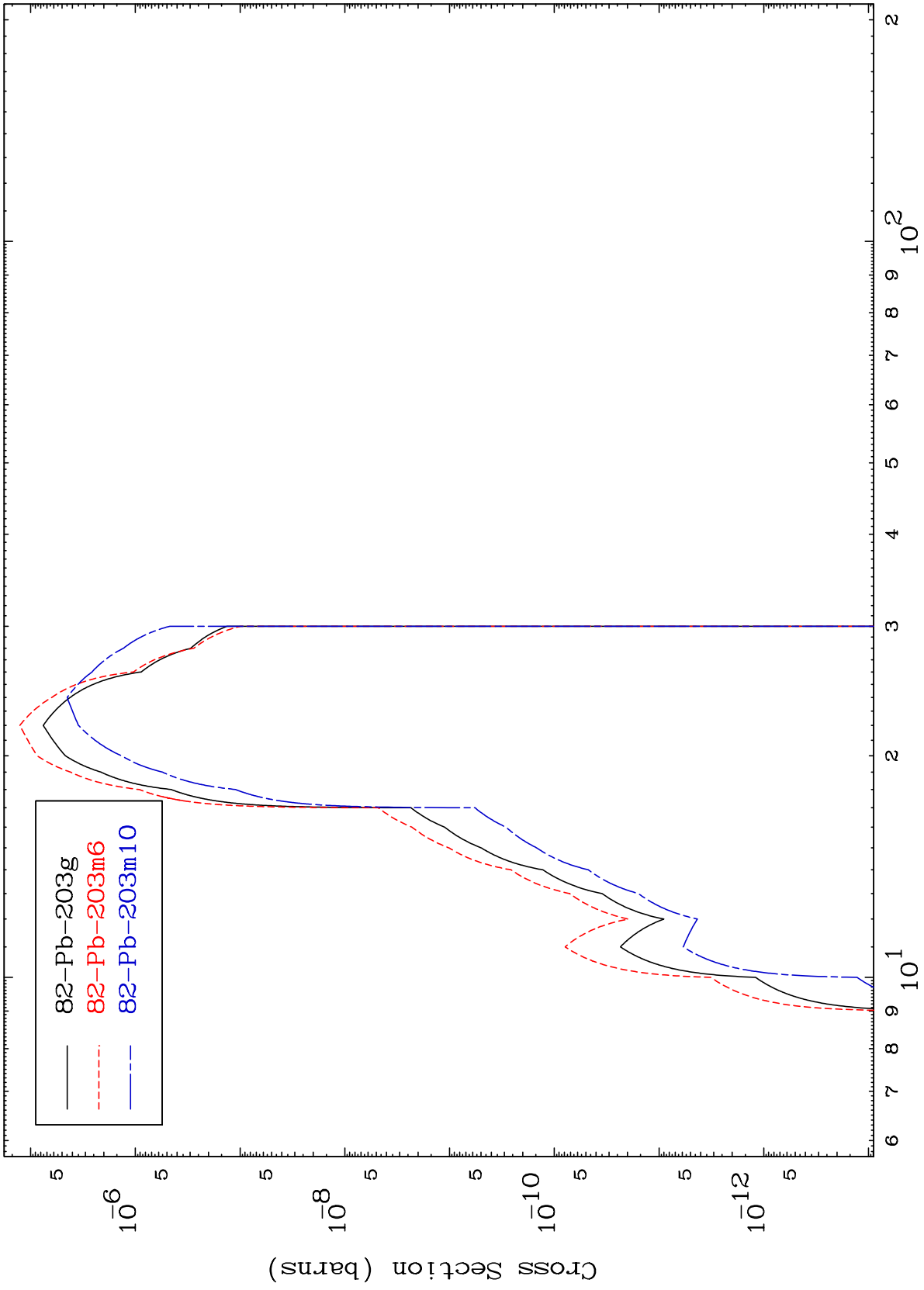
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

Radionuclide Production Cross Section
(α, γ)



15

Incident Energy (MeV)

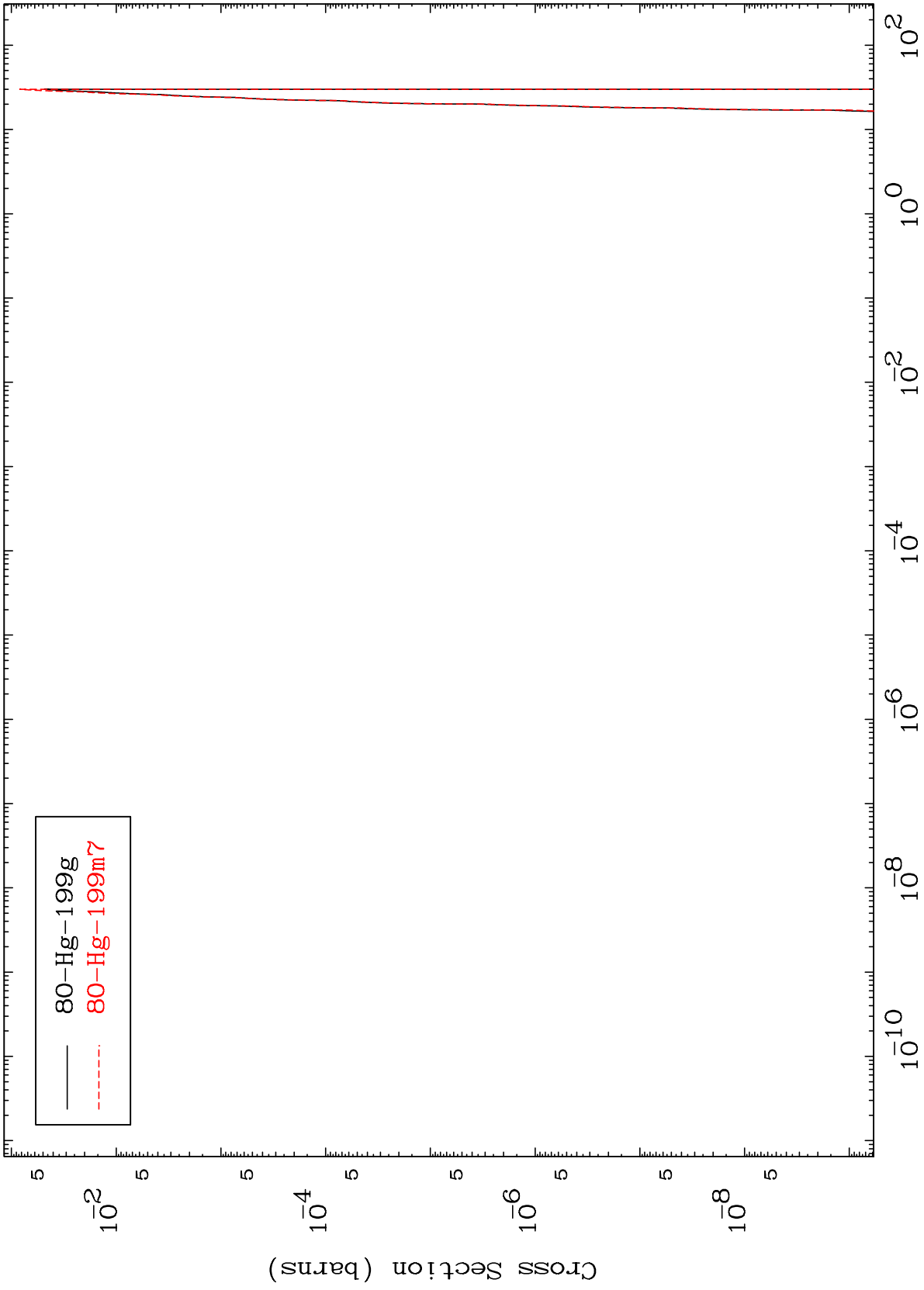
80-Hg-199

MAT 8035

(α, α)

80-Hg-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

80-Hg-199