

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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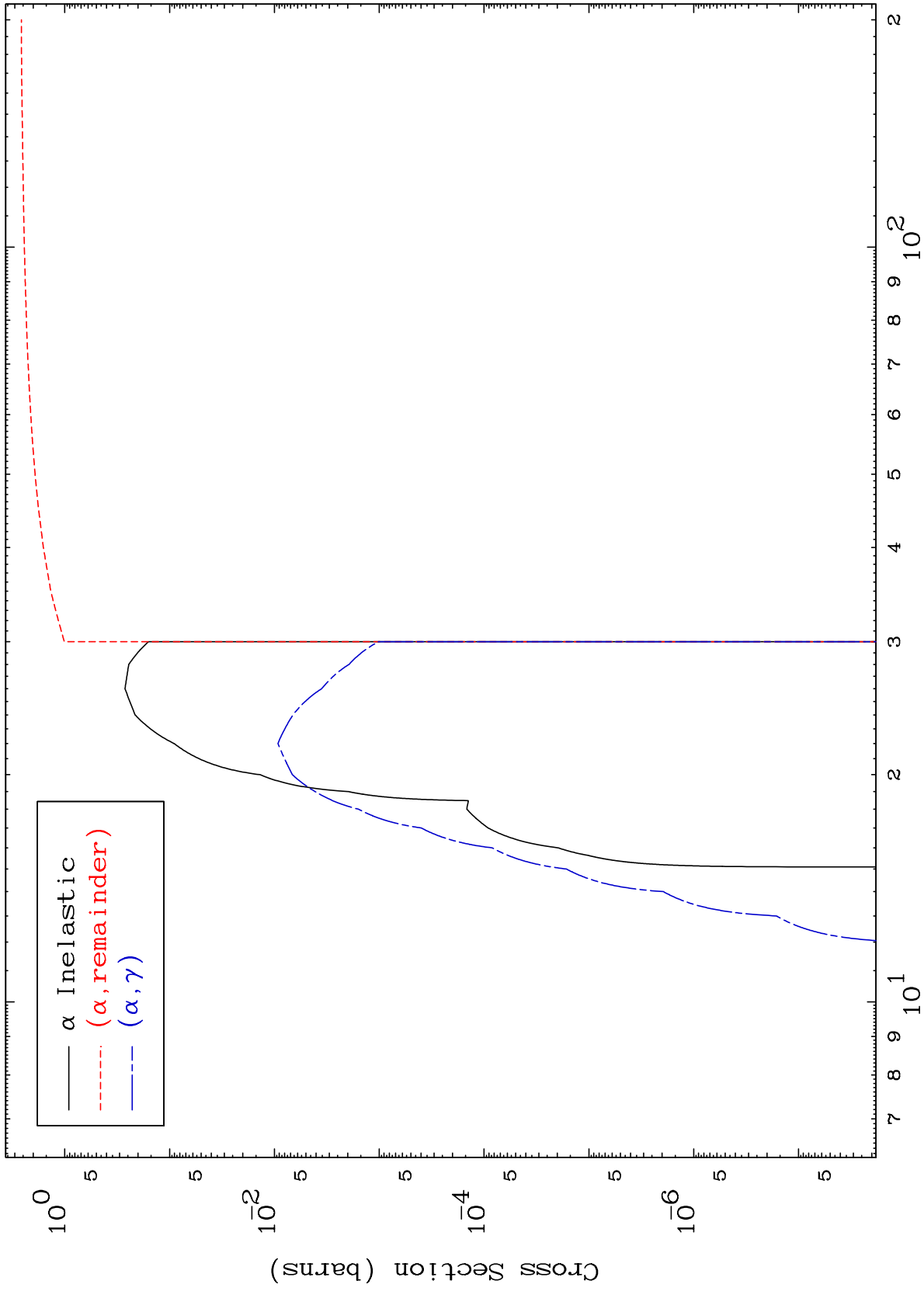
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

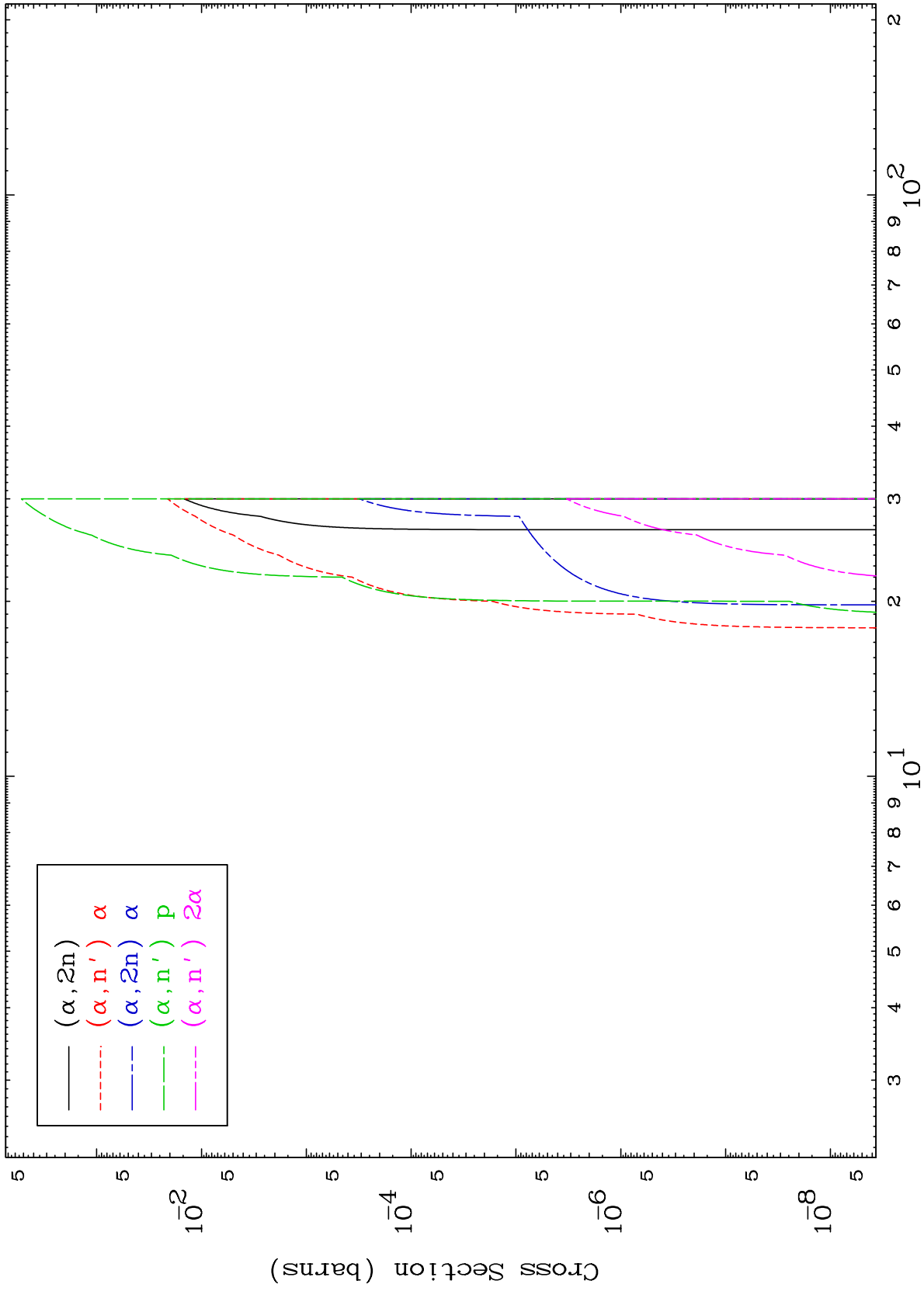
Press Mouse Button to Start

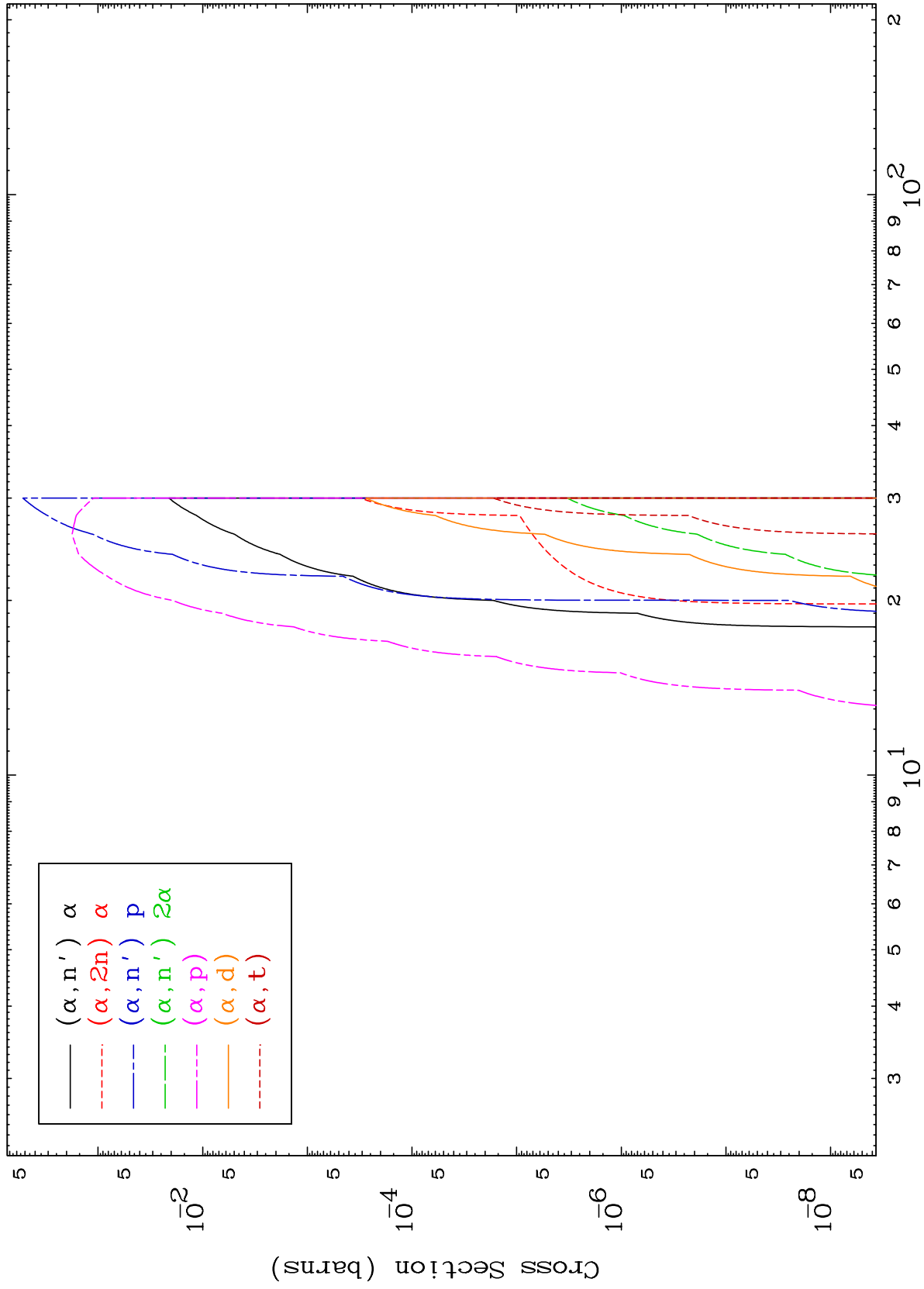
MAT 7986

0 Kelvin α Major
Cross Sections

80-Hg-183



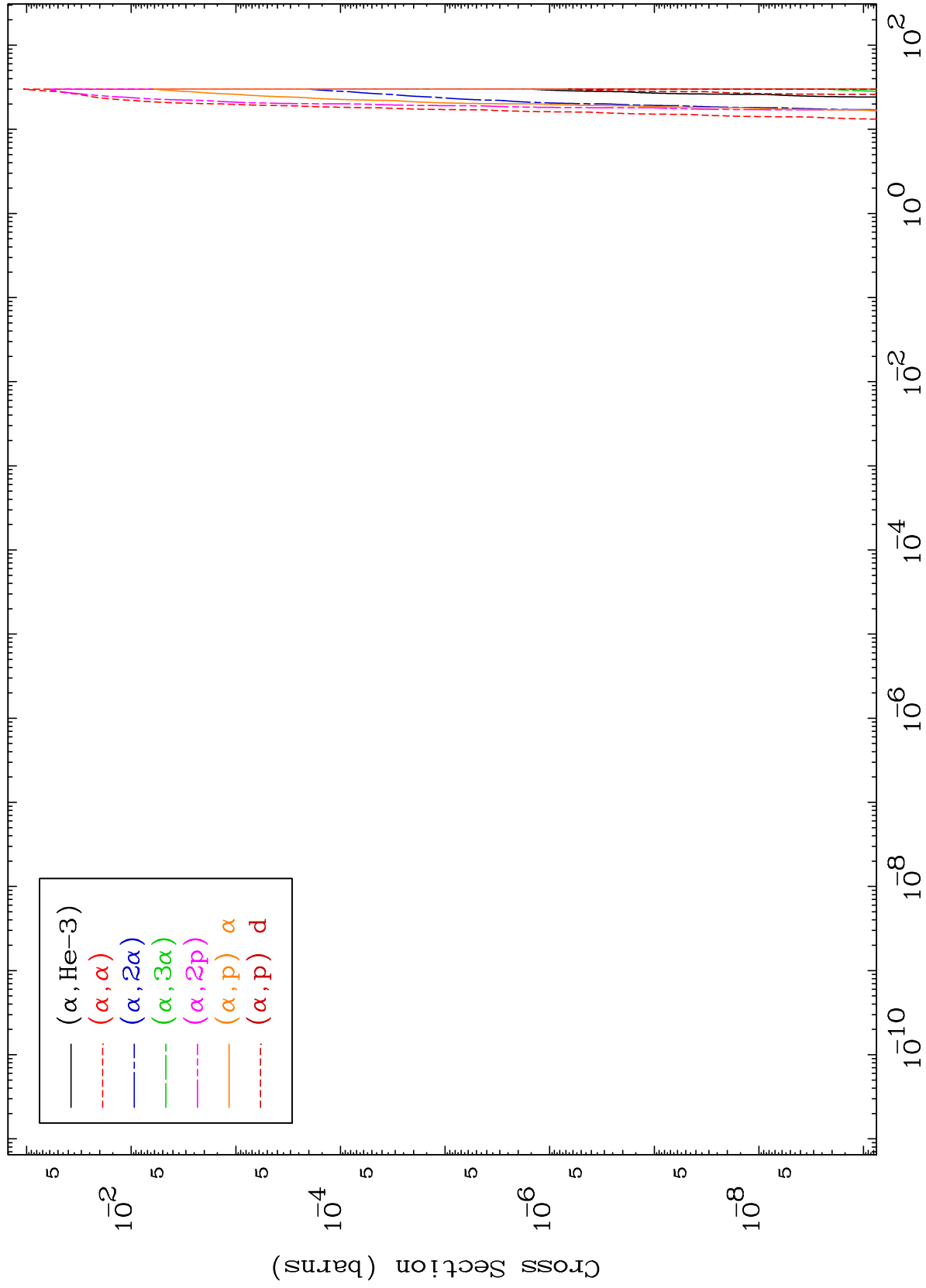




MAT 7986

α Charged Particle
0 Kelvin Cross Sections

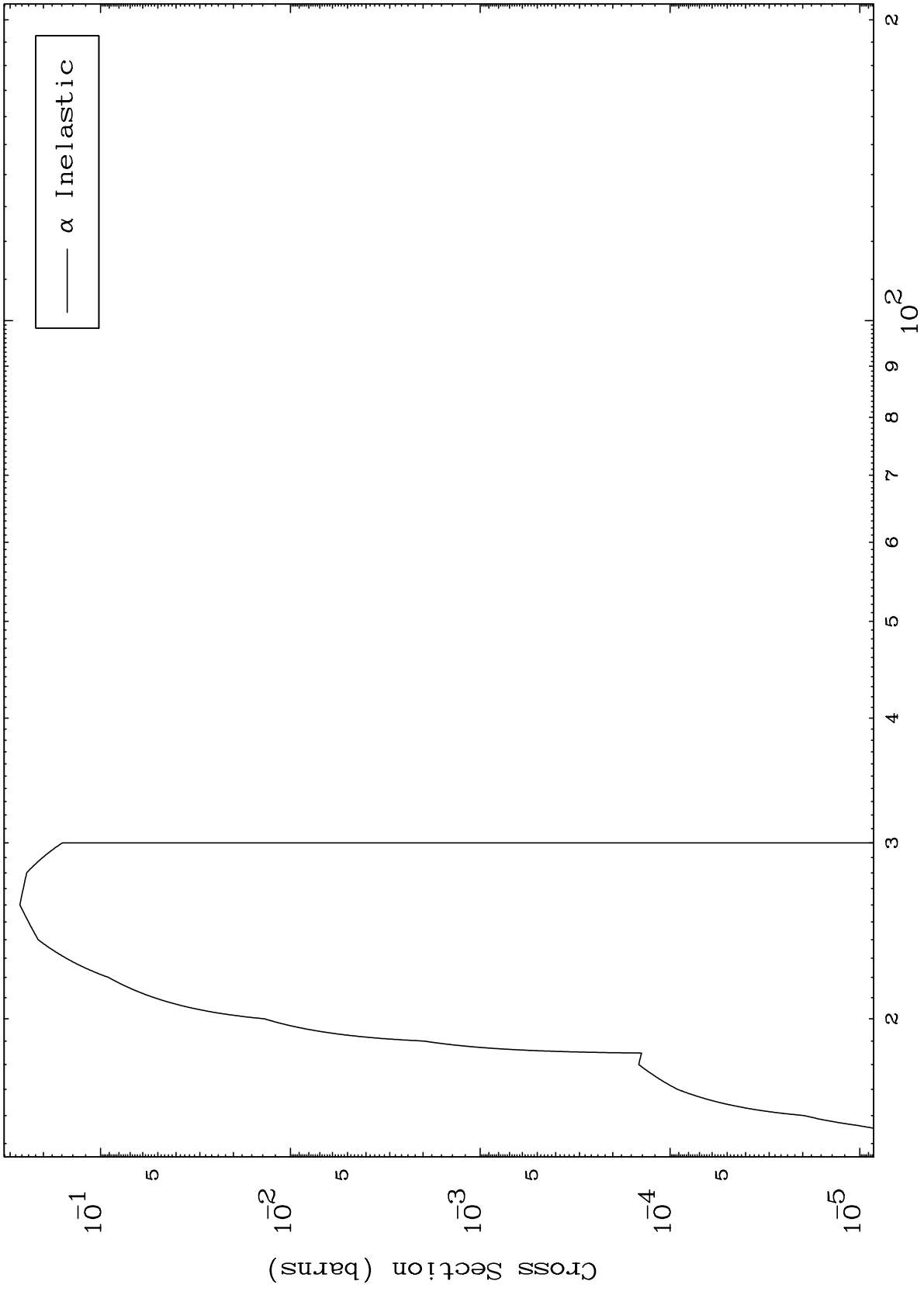
80-Hg-183



MAT 7986

(α, n') Level
0 Kelvin Cross Sections

80-Hg-183



5

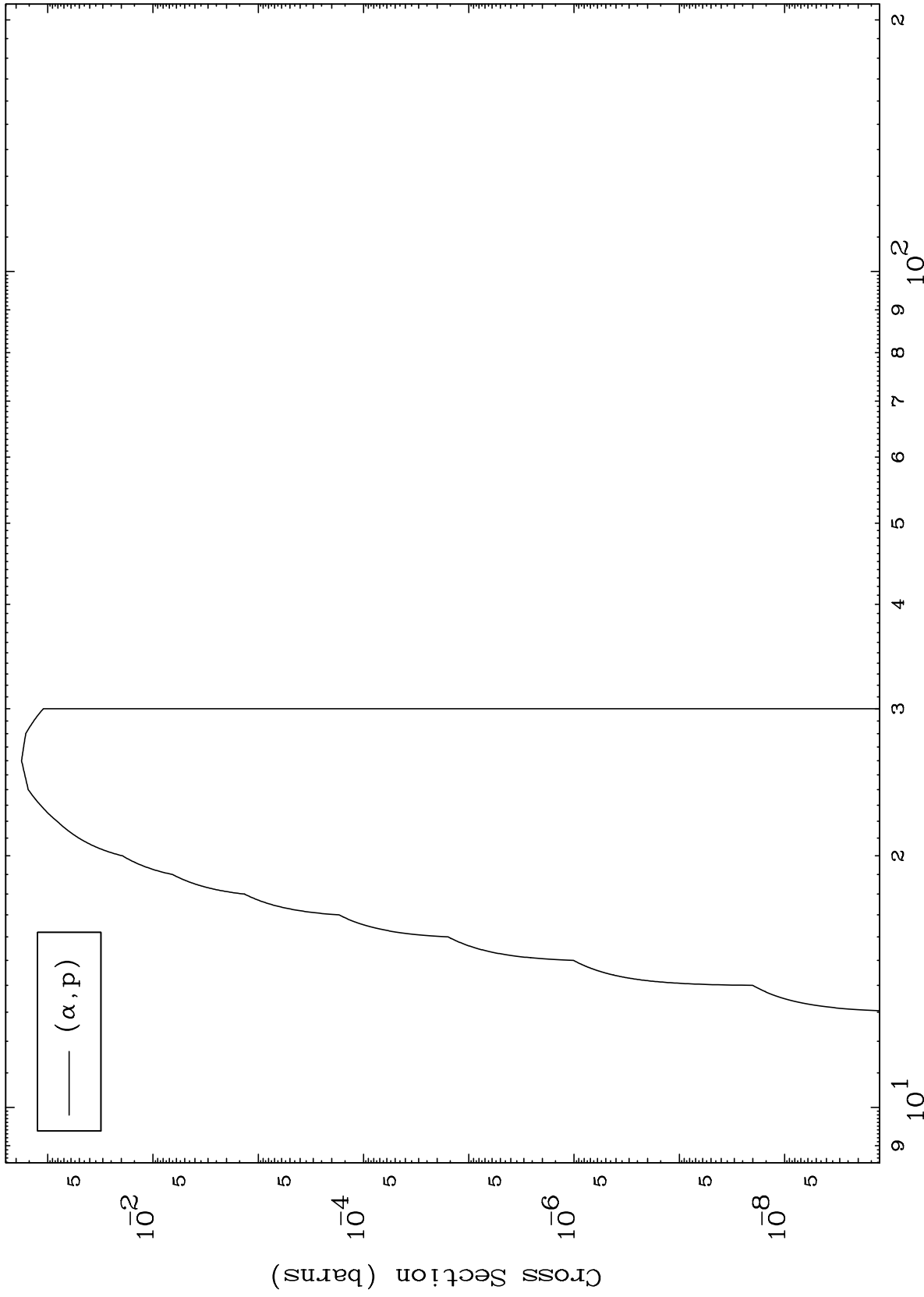
Incident Energy (MeV)

80-Hg-183

MAT 7986

(α, p) Levels
0 Kelvin Cross Sections

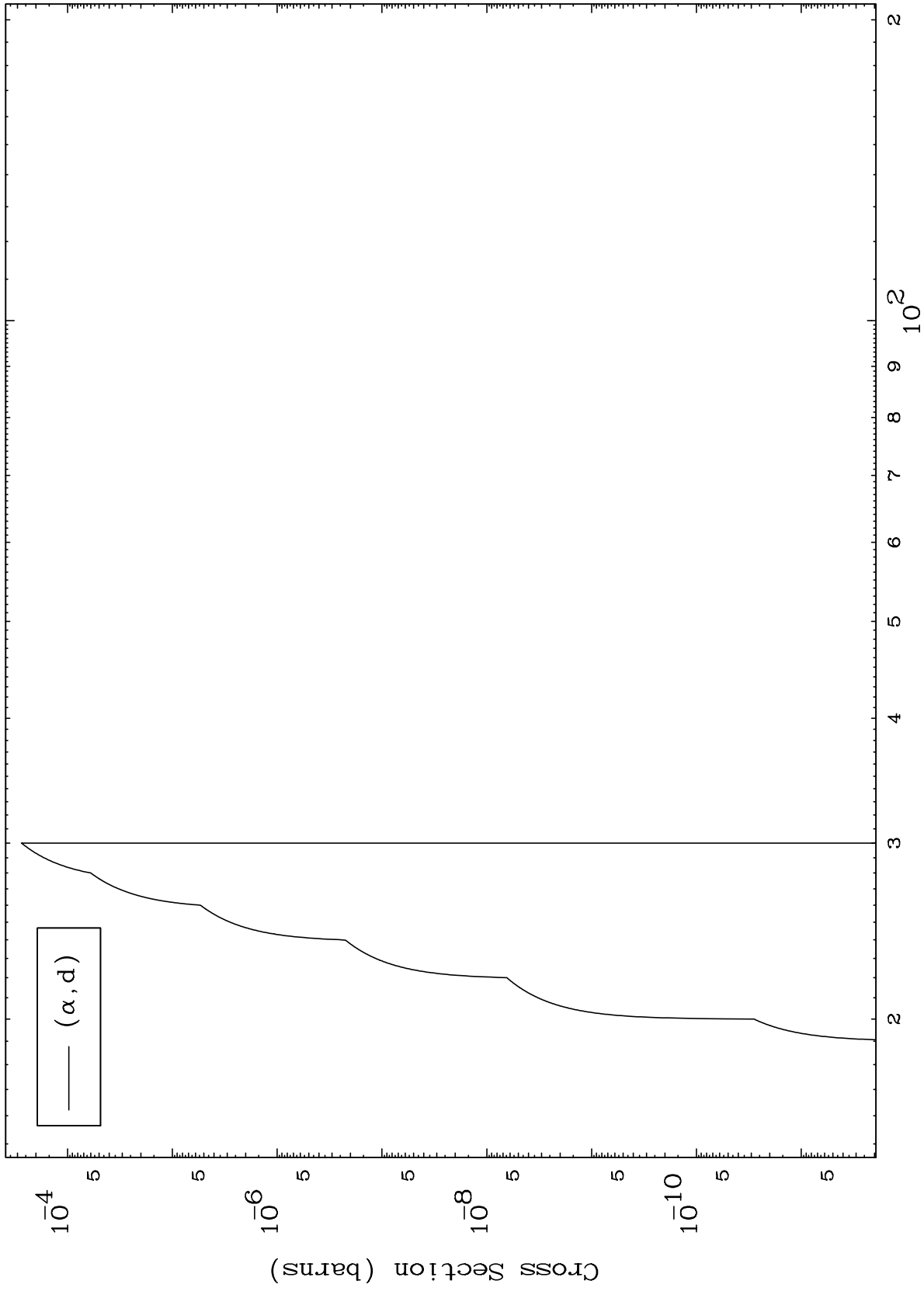
80-Hg-183



MAT 7986

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-183



7

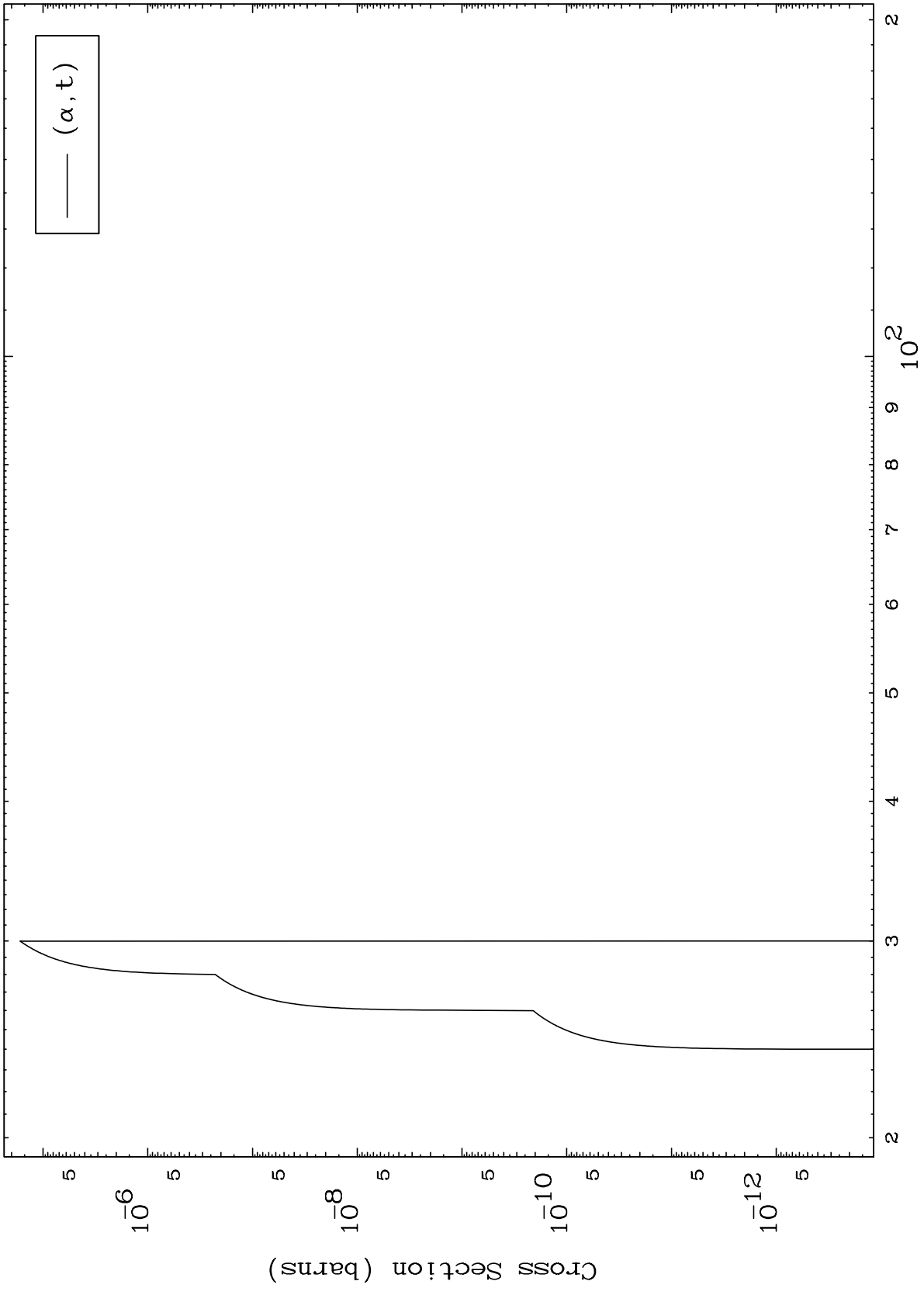
Incident Energy (MeV)

80-Hg-183

MAT 7986

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-183



8

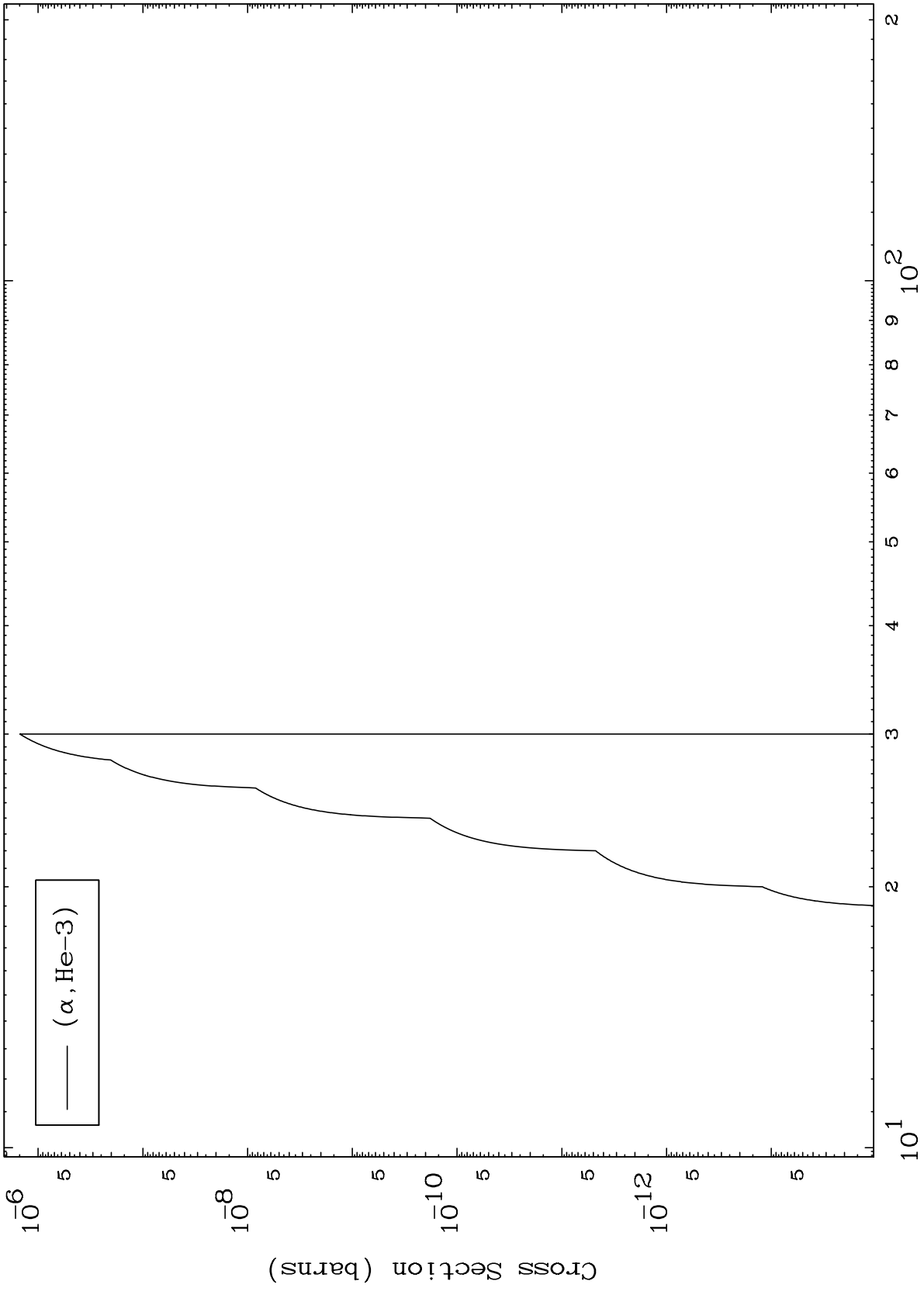
Incident Energy (MeV)

80-Hg-183

MAT 7986

(α ,He3) Levels
0 Kelvin Cross Sections

80-Hg-183



80-Hg-183

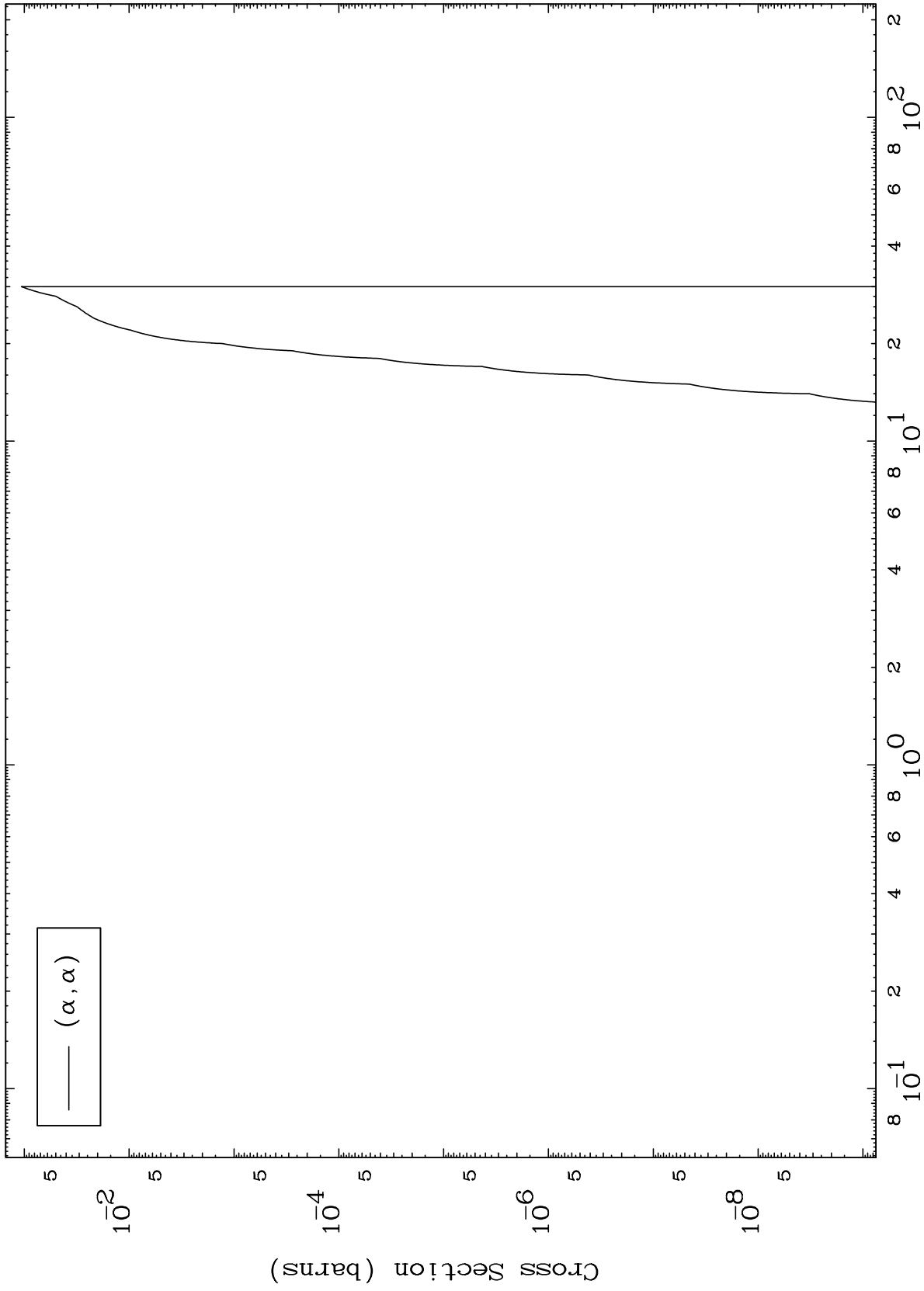
Incident Energy (MeV)

9

MAT 7986

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-183



10

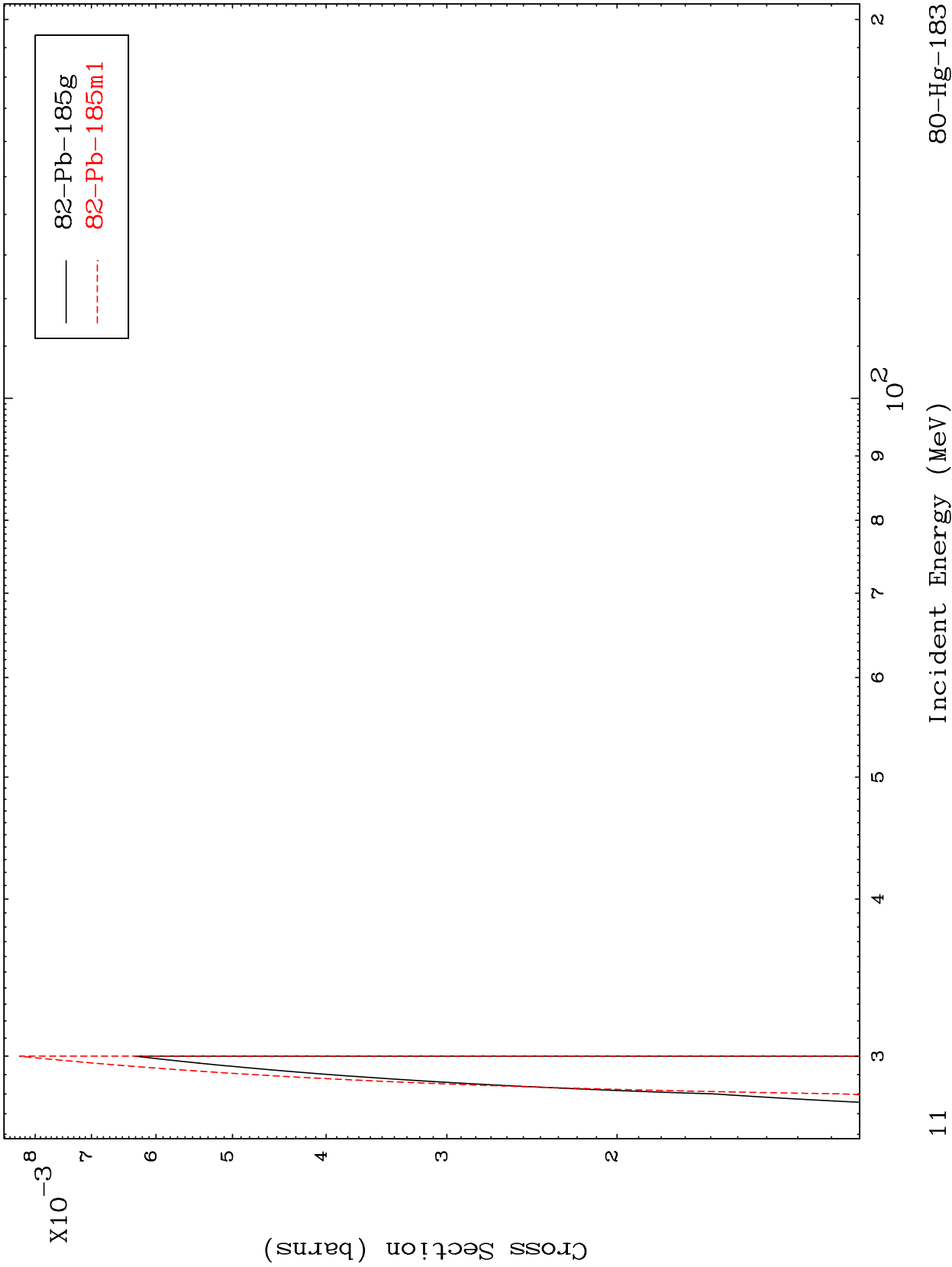
Incident Energy (MeV)

80-Hg-183

MAT 7986

80-Hg-183

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



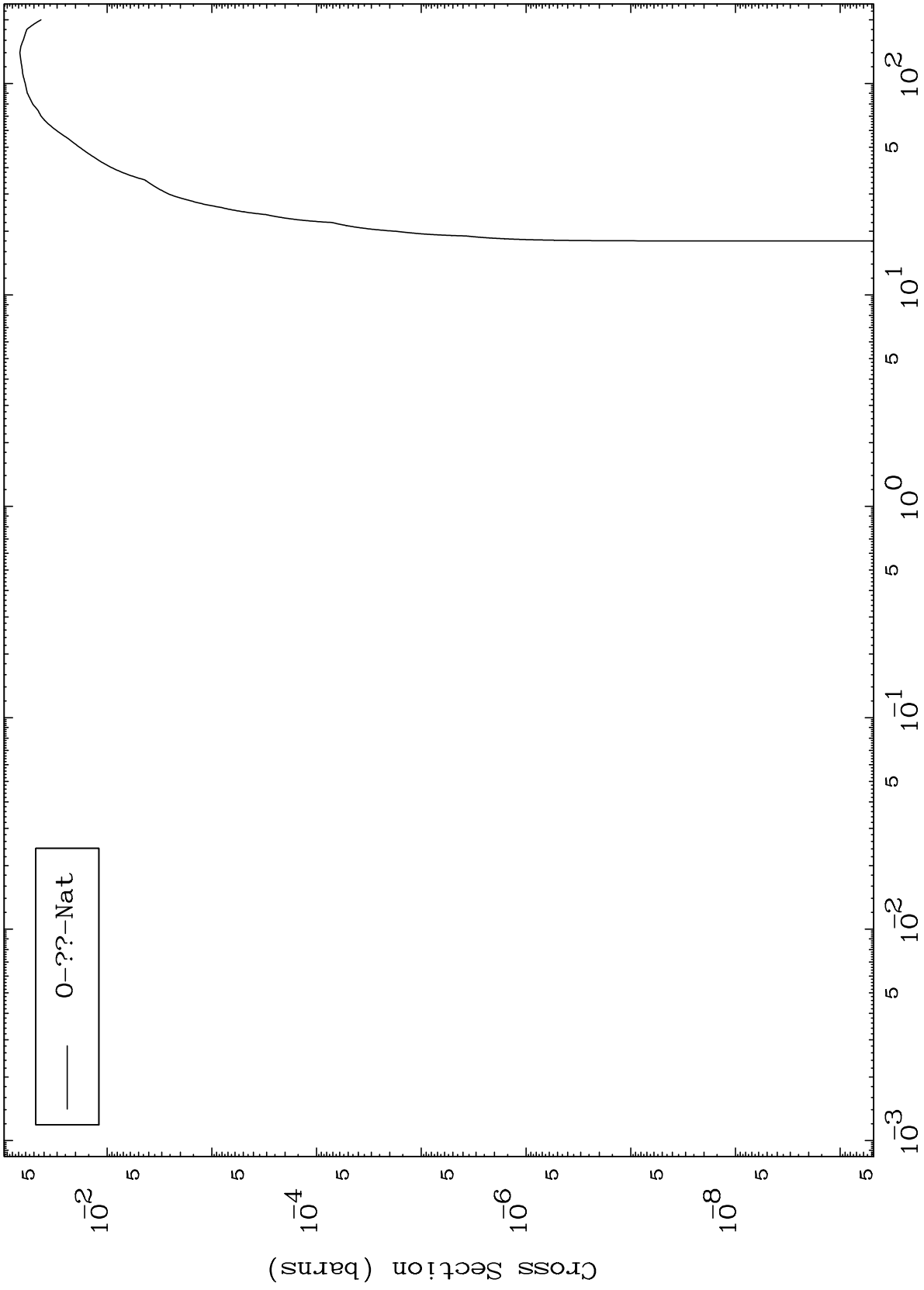
11

80-Hg-183

MAT 7986

α Fission
Radionuclide Production Cross Section

80-Hg-183



12

Incident Energy (MeV)

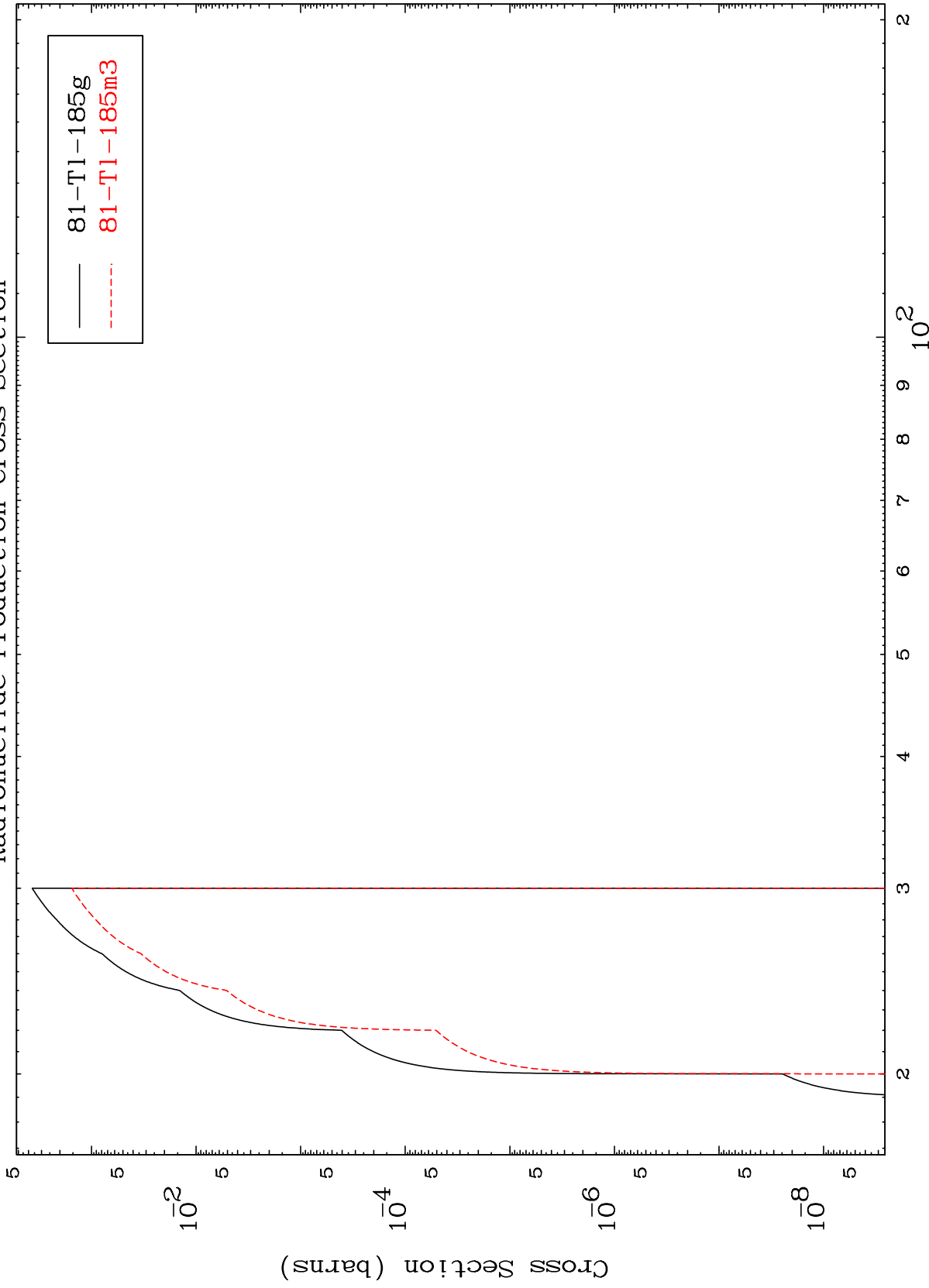
80-Hg-183

MAT 7986

(α, n') p

80-Hg-183

Radionuclide Production Cross Section



13

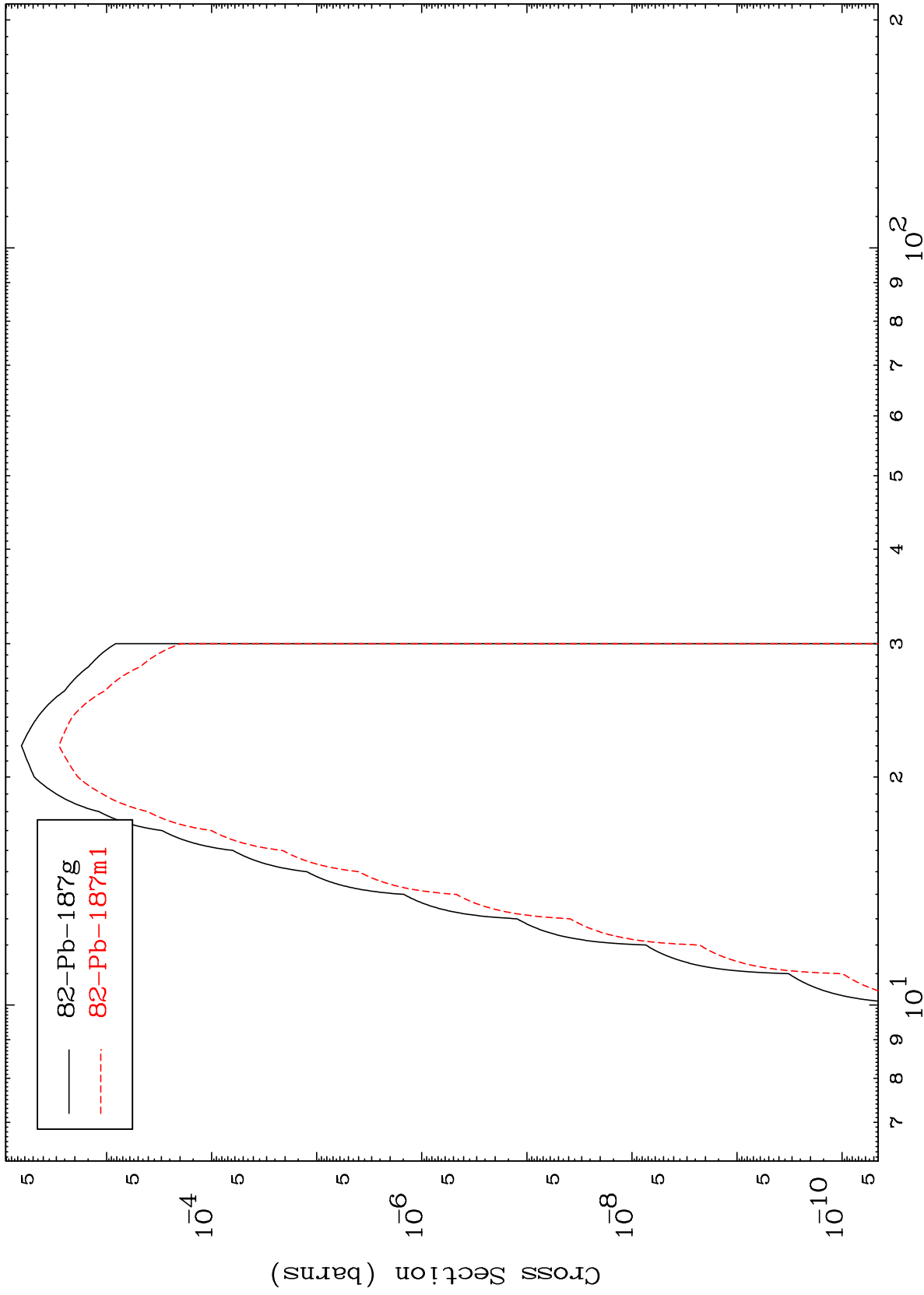
Incident Energy (MeV)

80-Hg-183

MAT 7986

80-Hg-183

Radionuclide Production Cross Section



14

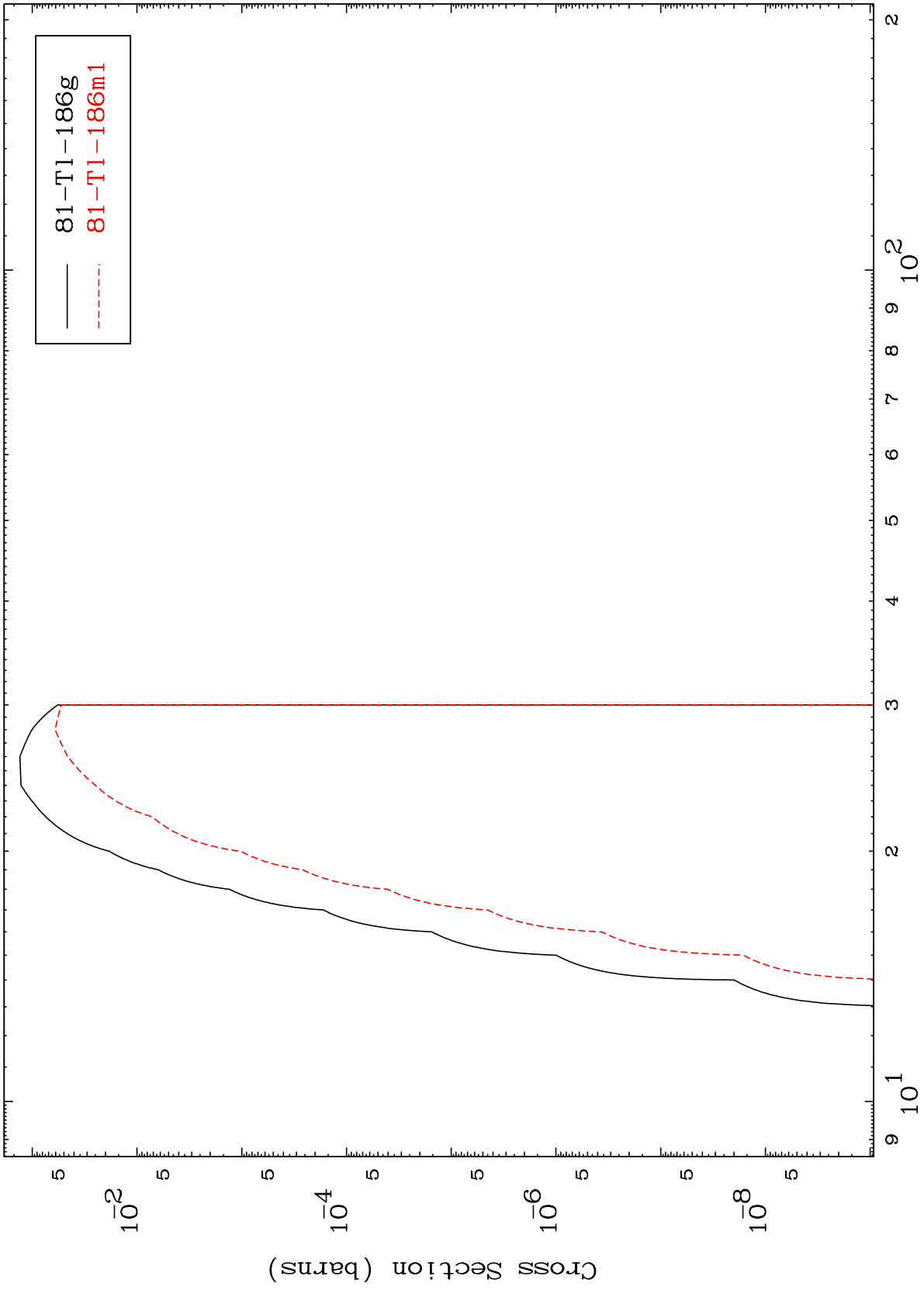
Incident Energy (MeV)

80-Hg-183

MAT 7986

80-Hg-183

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

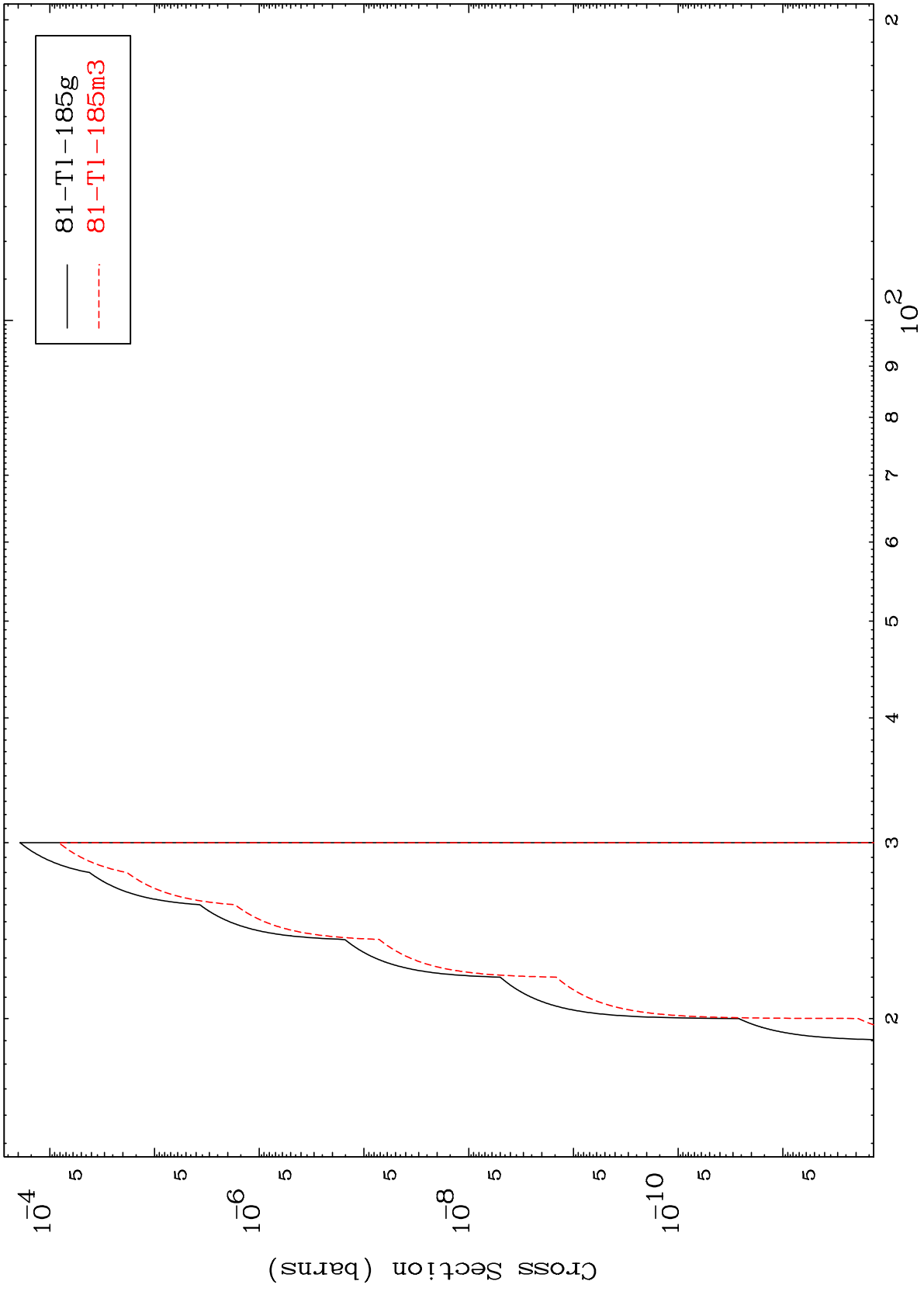
80-Hg-183

MAT 7986

(α, d)

80-Hg-183

Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

16

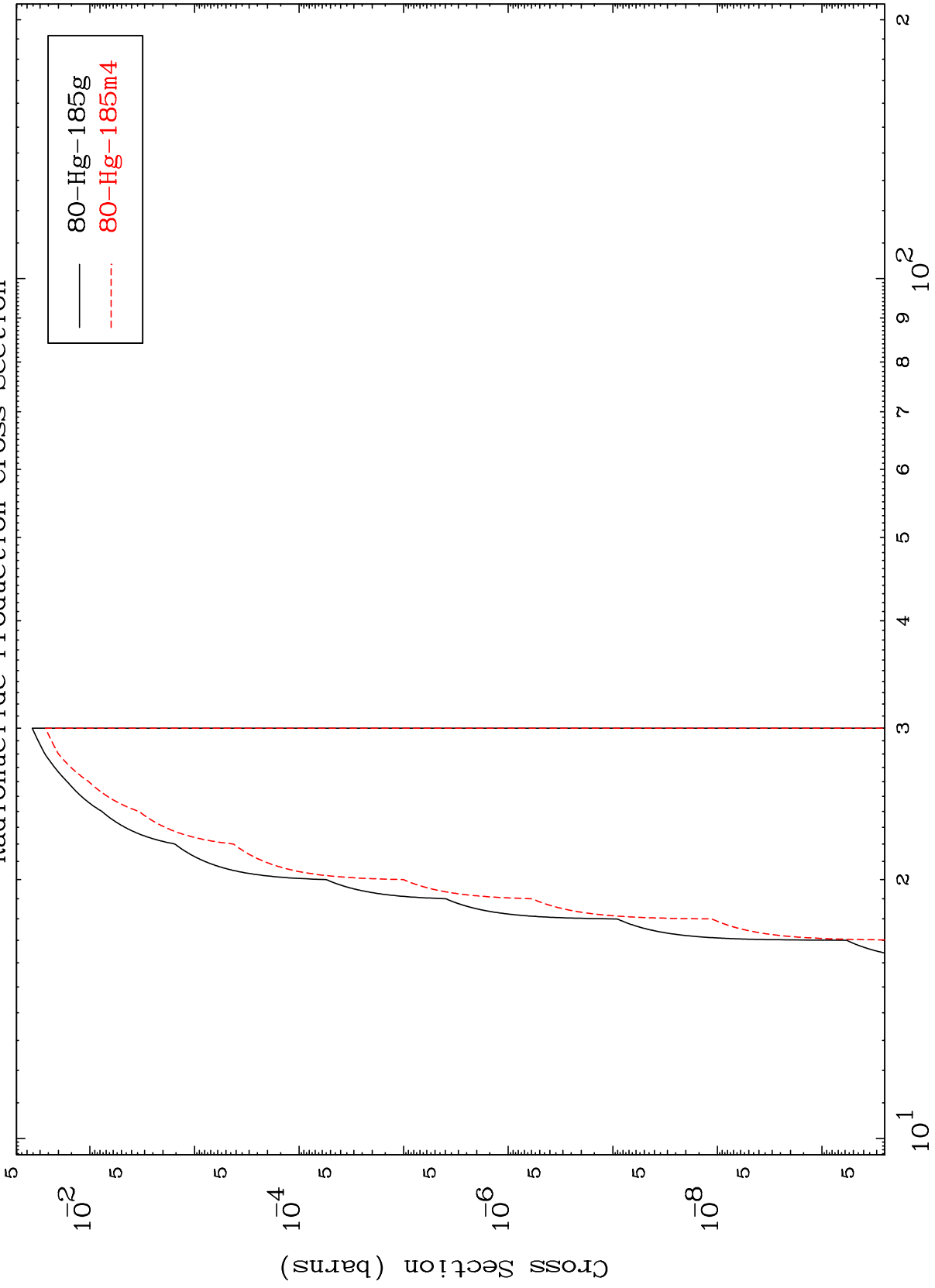
Incident Energy (MeV)

80-Hg-183

MAT 7986

80-Hg-183

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



80-Hg-183

Incident Energy (MeV)

17