

Program EVALPLOT
(Version 2018-1)

by

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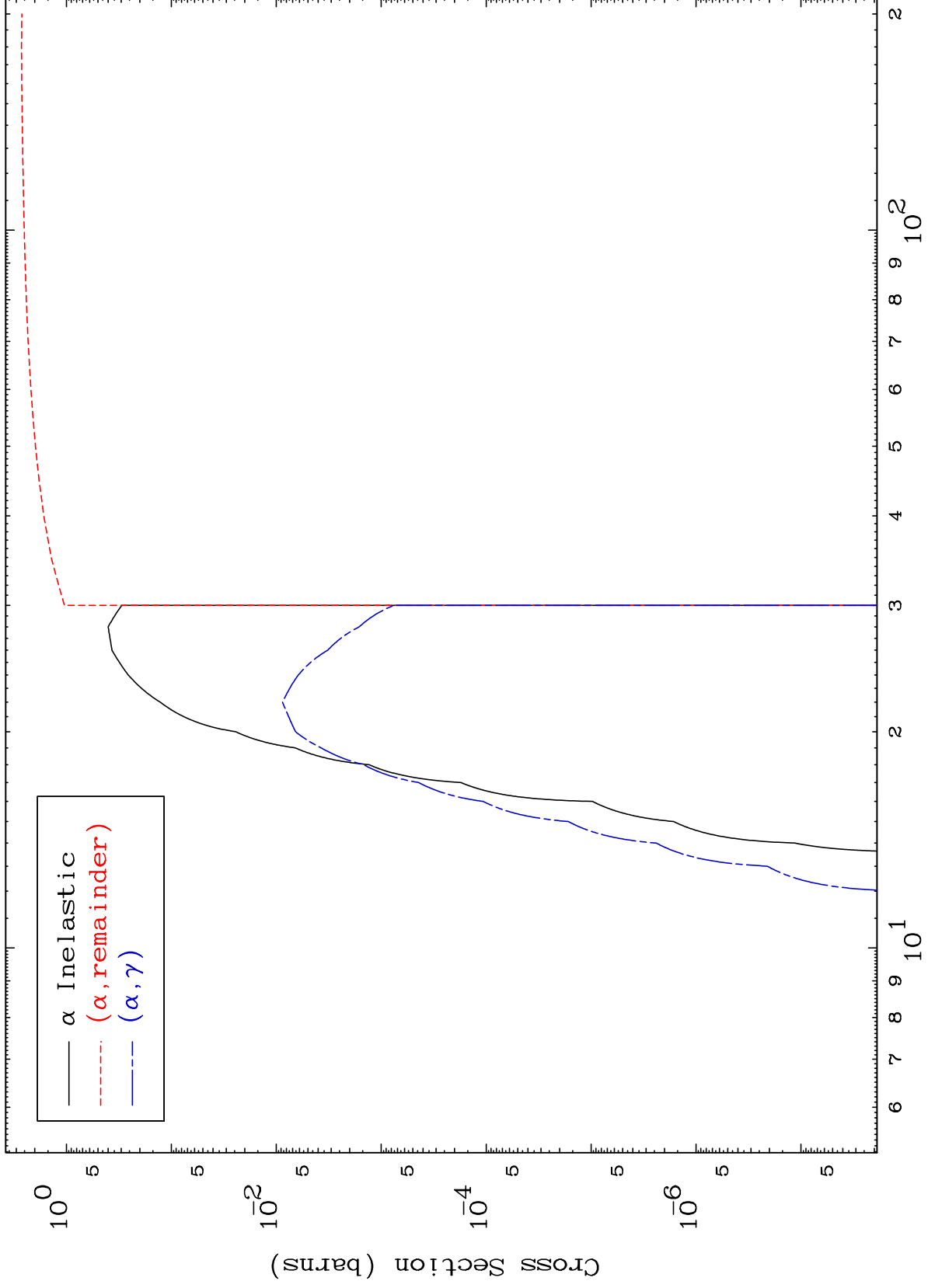
Web: redcullen1.net/HOMEPAGE.NEW

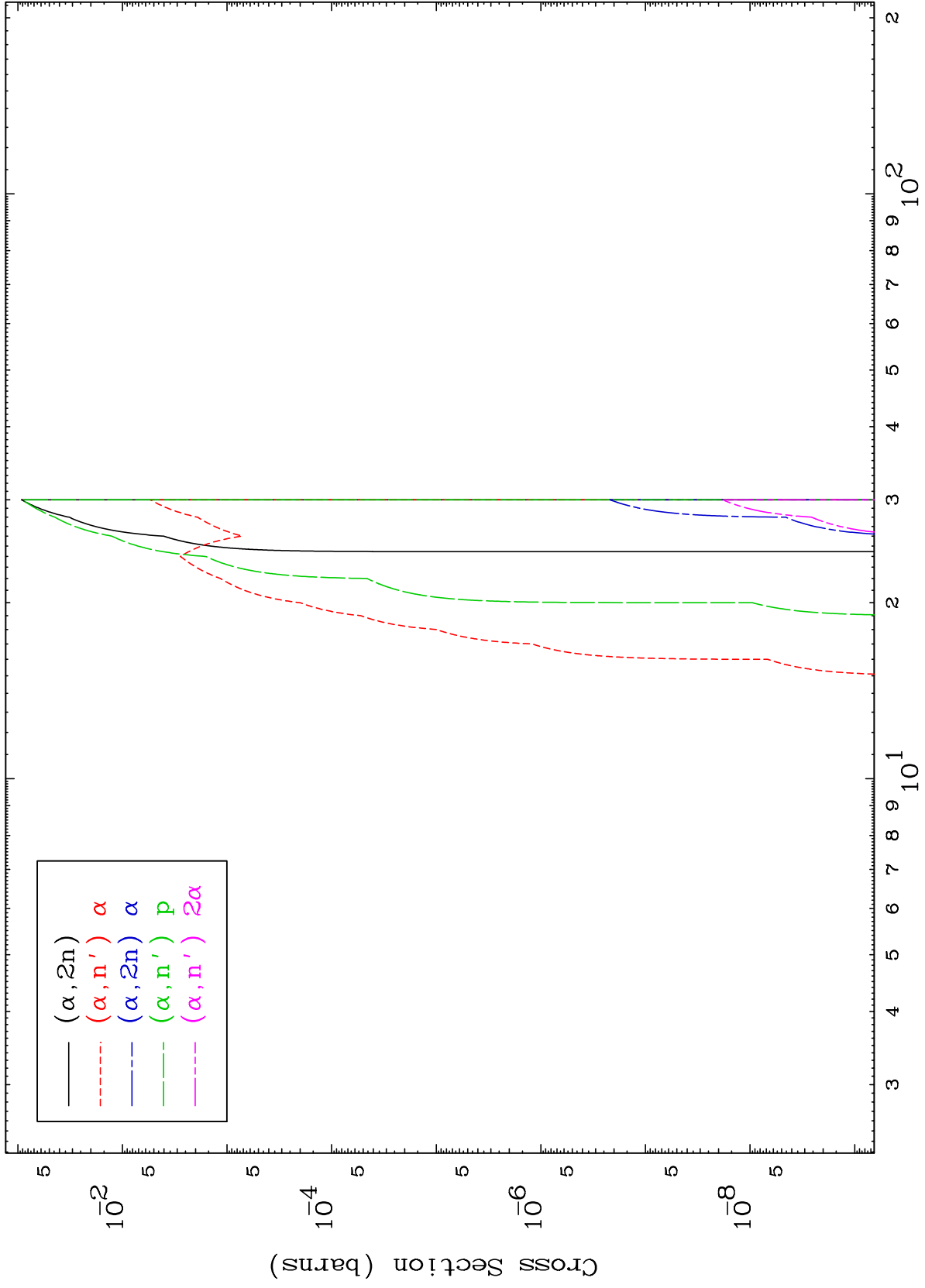
Press Mouse Button to Start

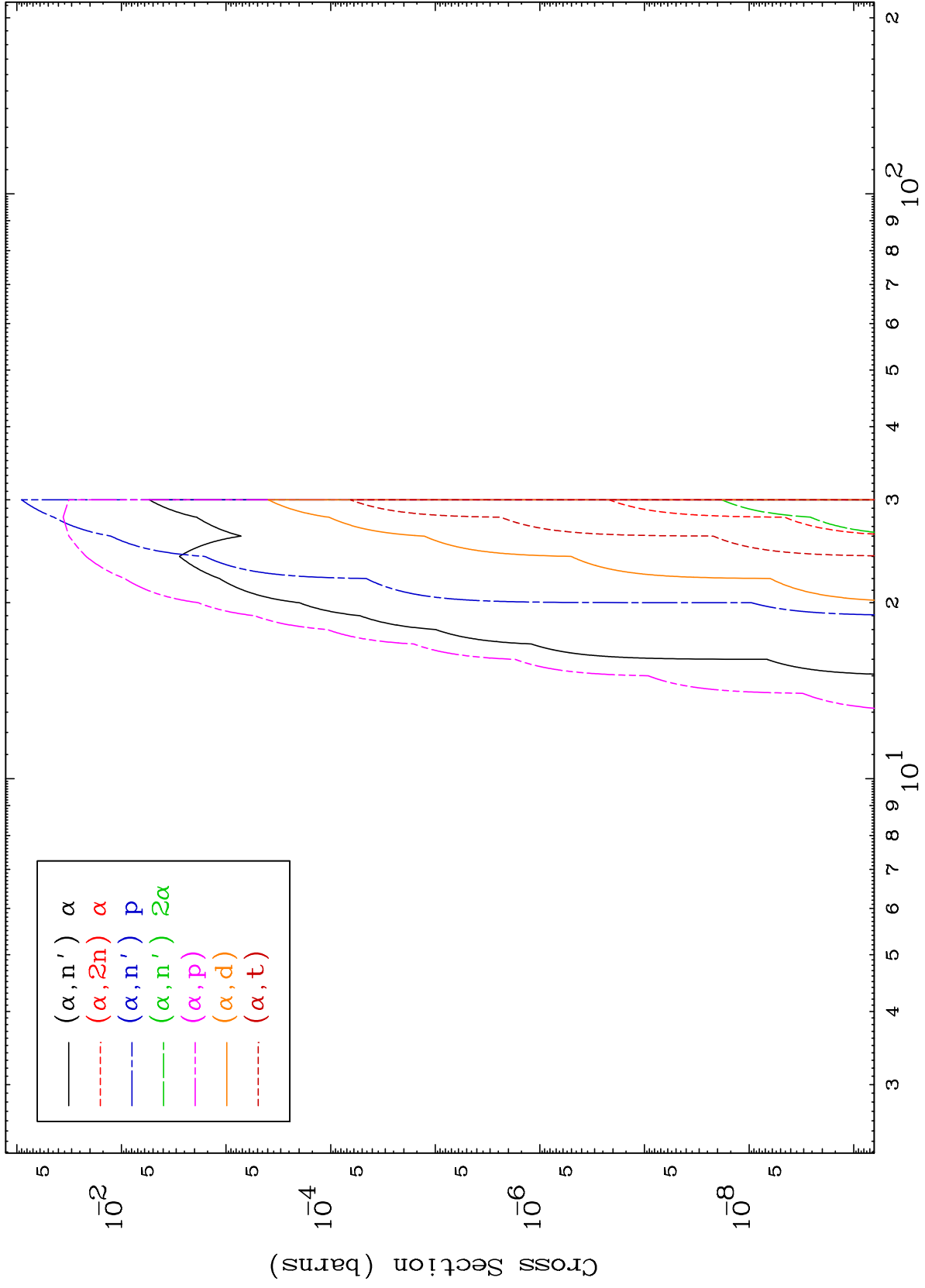
MAT 7999

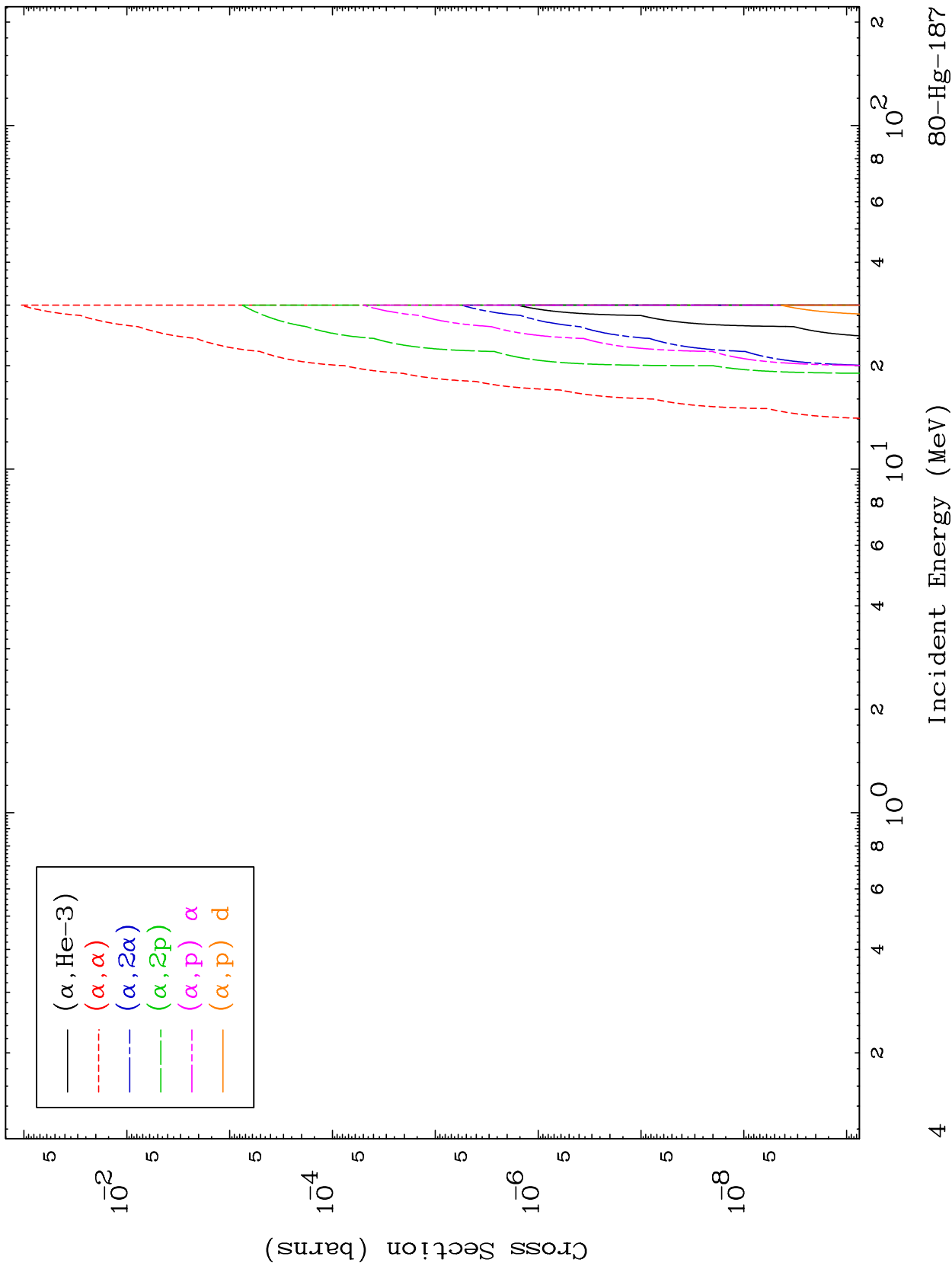
0 Kelvin α Major
Cross Sections

80-Hg-187





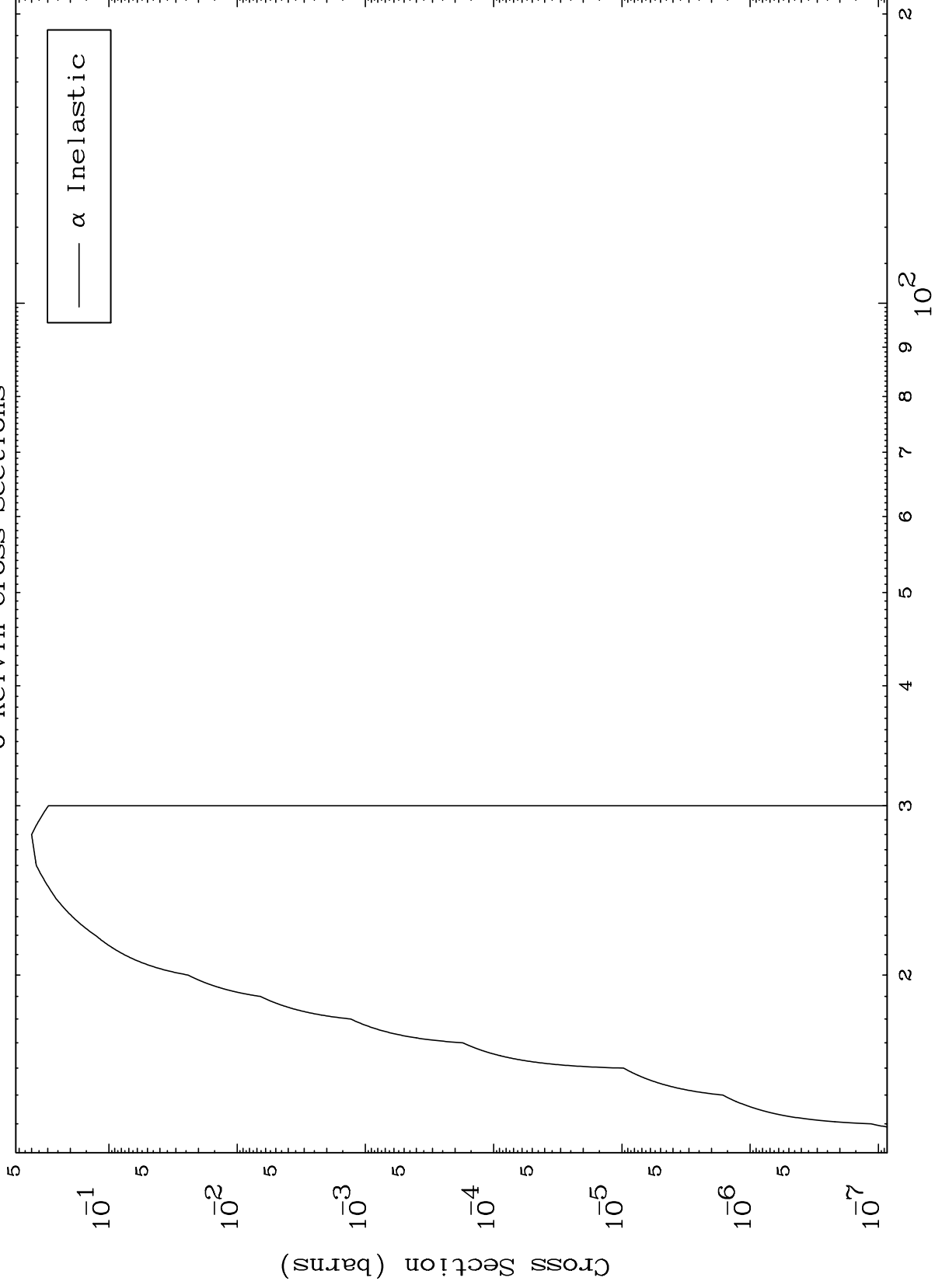




MAT 7999

(α, n') Level
0 Kelvin Cross Sections

80-Hg-187



5

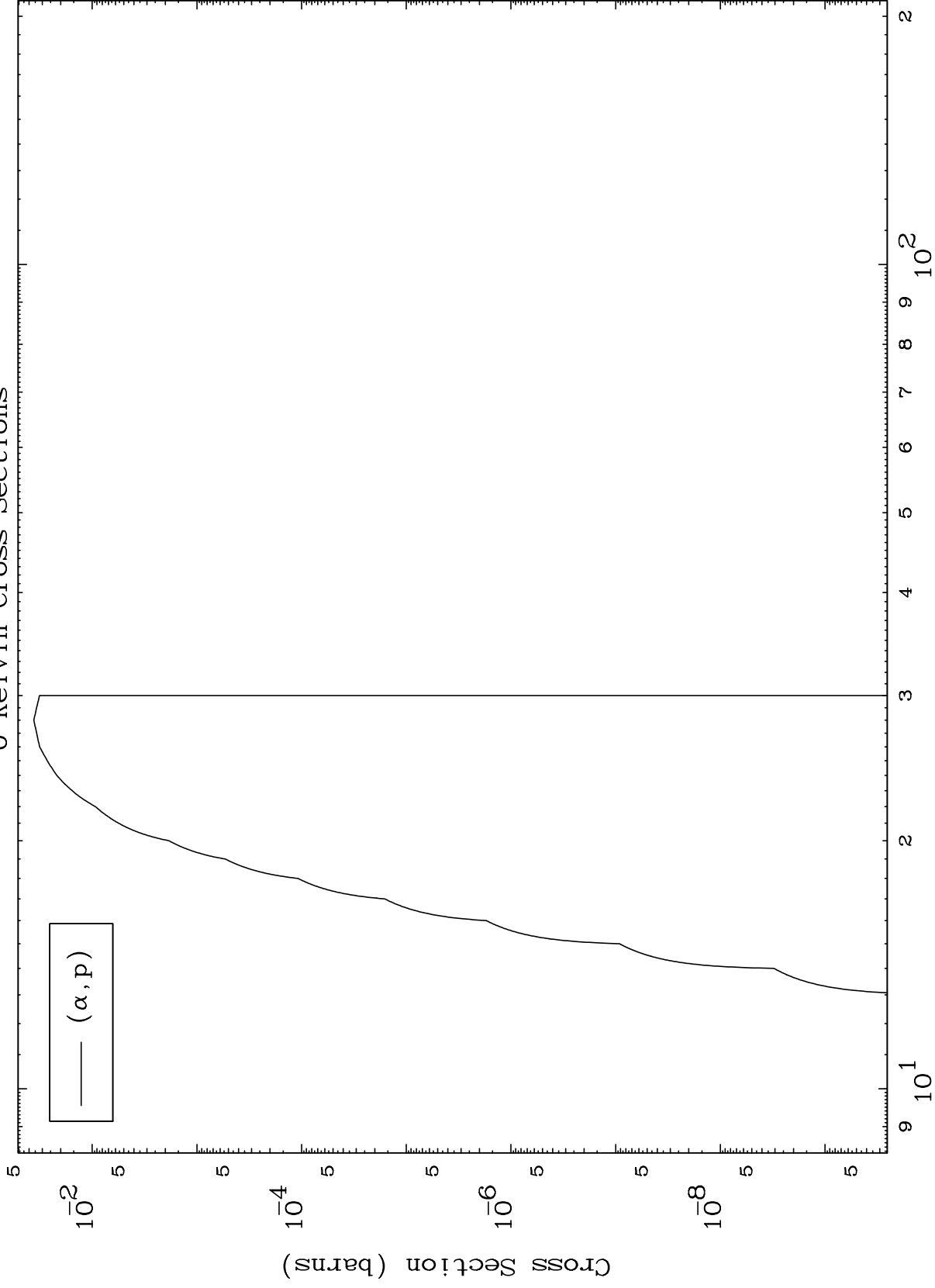
Incident Energy (MeV)

80-Hg-187

MAT 7999

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-187



Incident Energy (MeV)

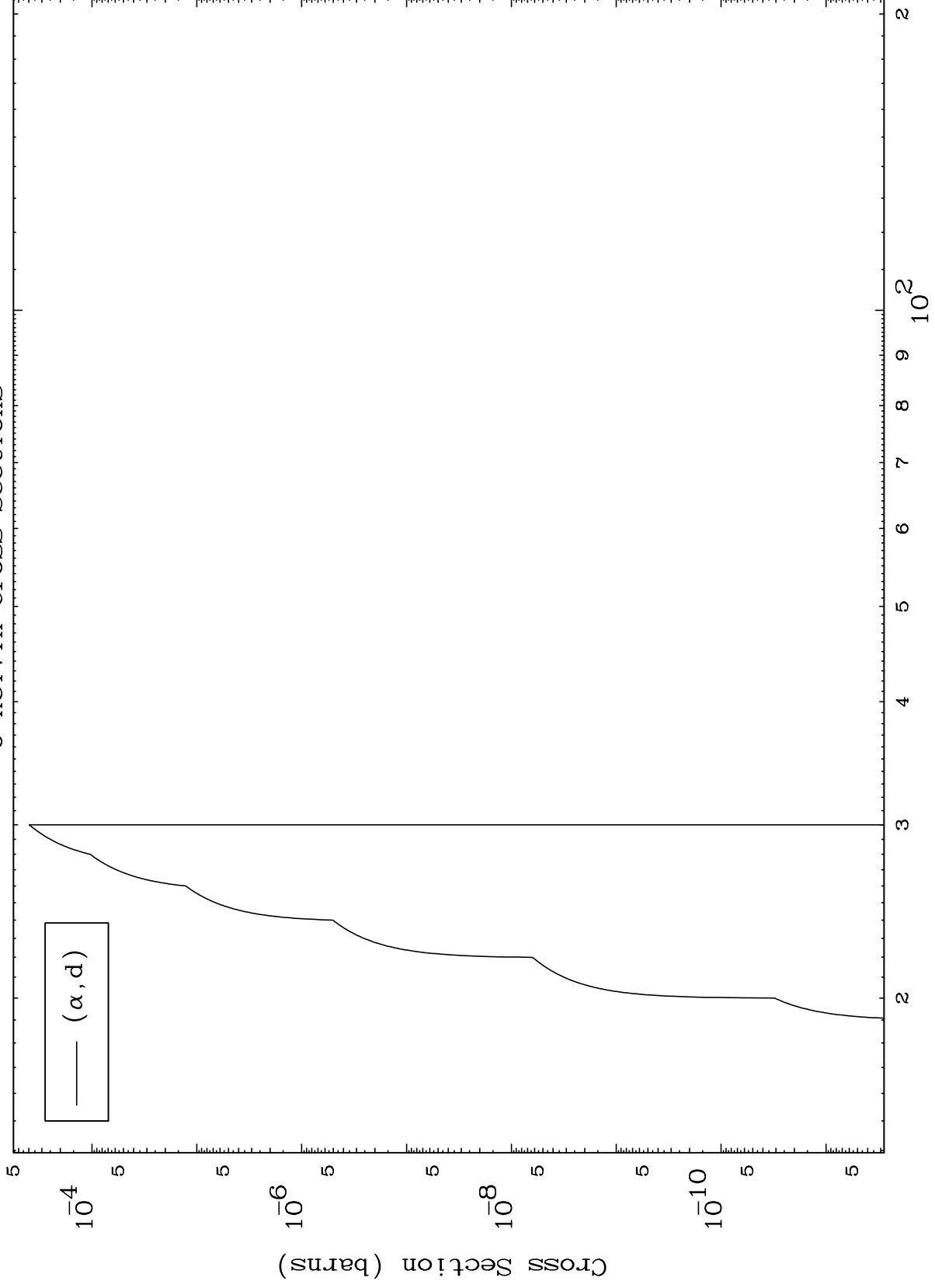
80-Hg-187

6

MAT 7999

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-187



7

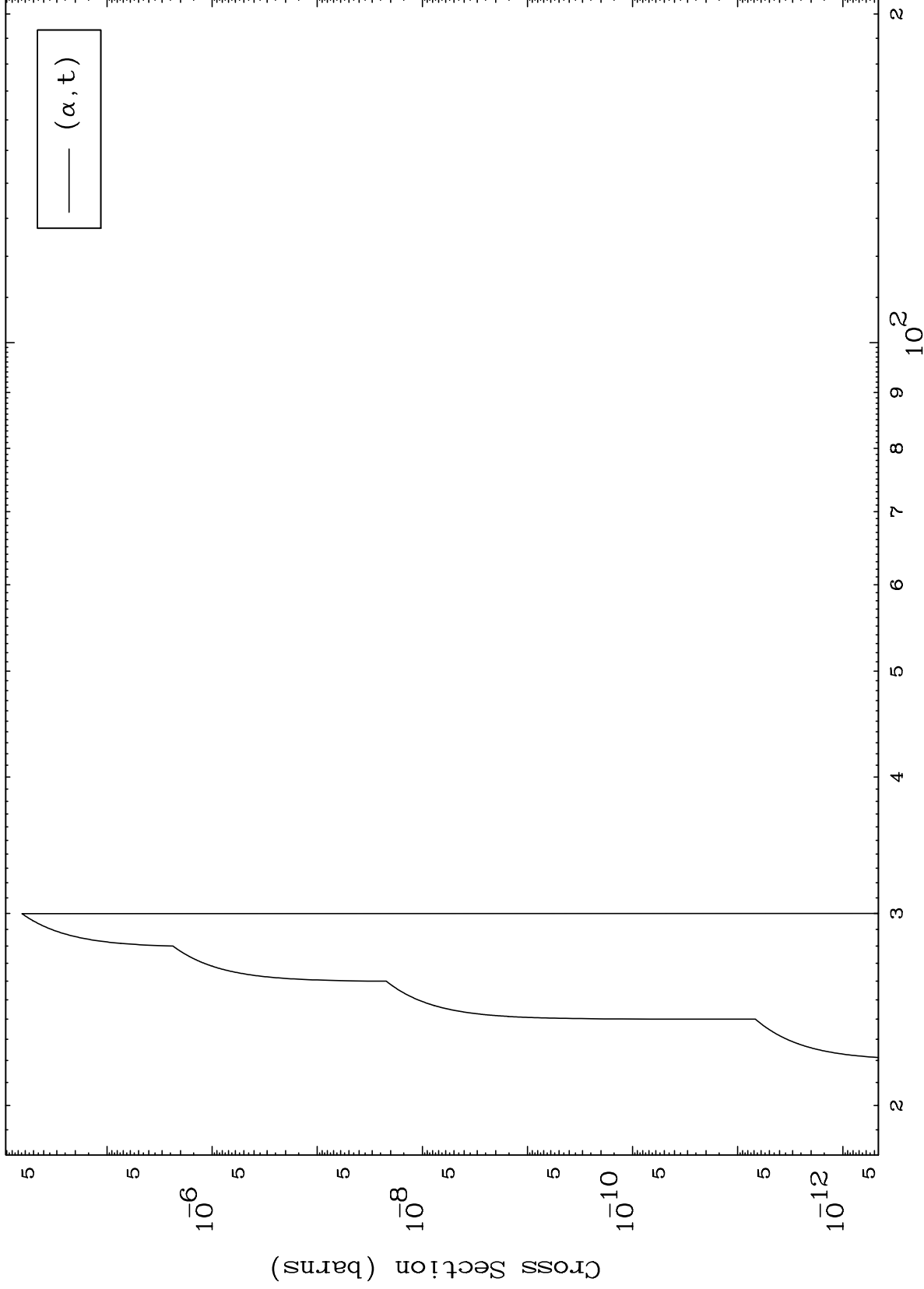
Incident Energy (MeV)

80-Hg-187

MAT 7999

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-187

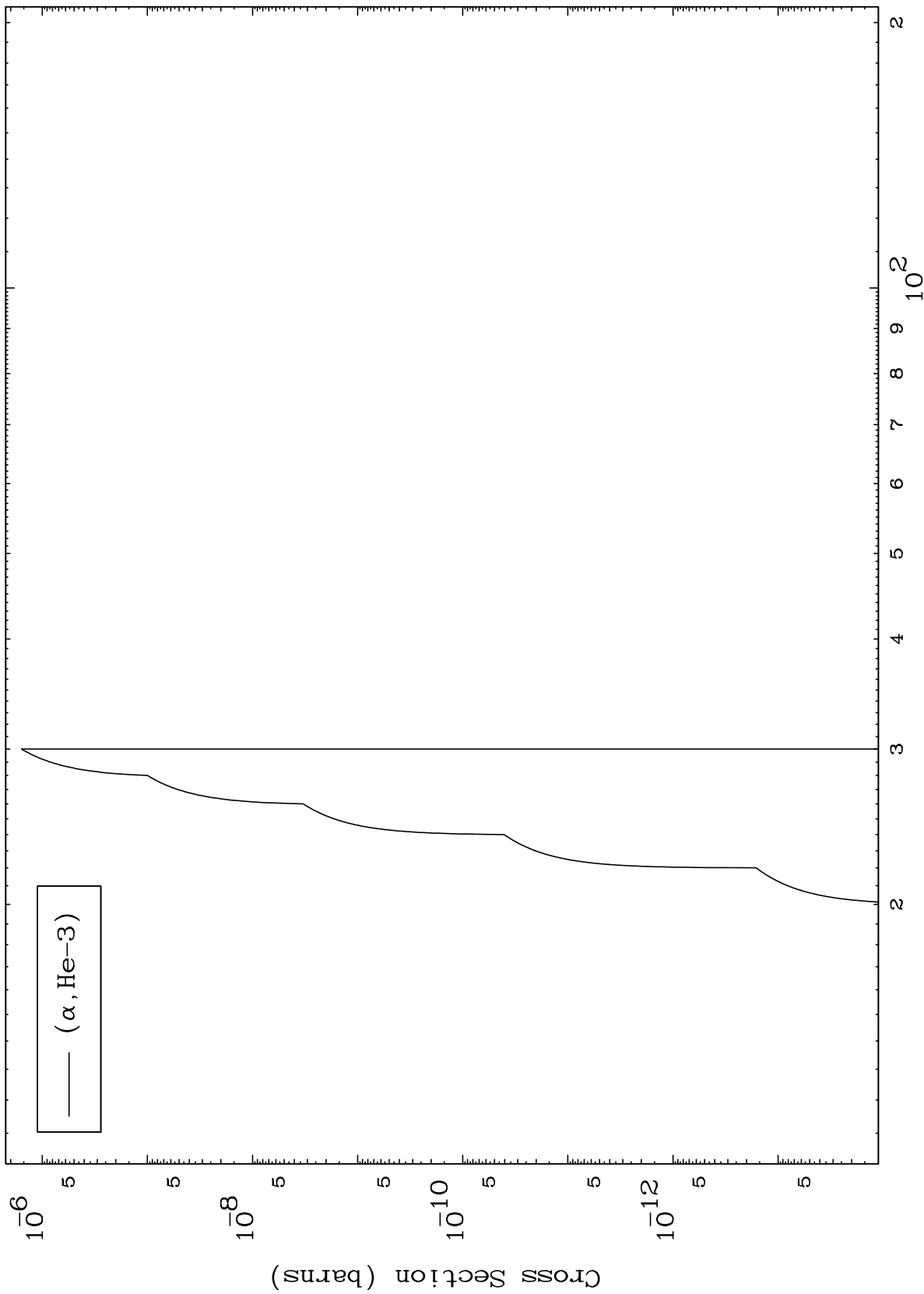


8

Incident Energy (MeV)

80-Hg-187

(α , He3) Levels
0 Kelvin Cross Sections

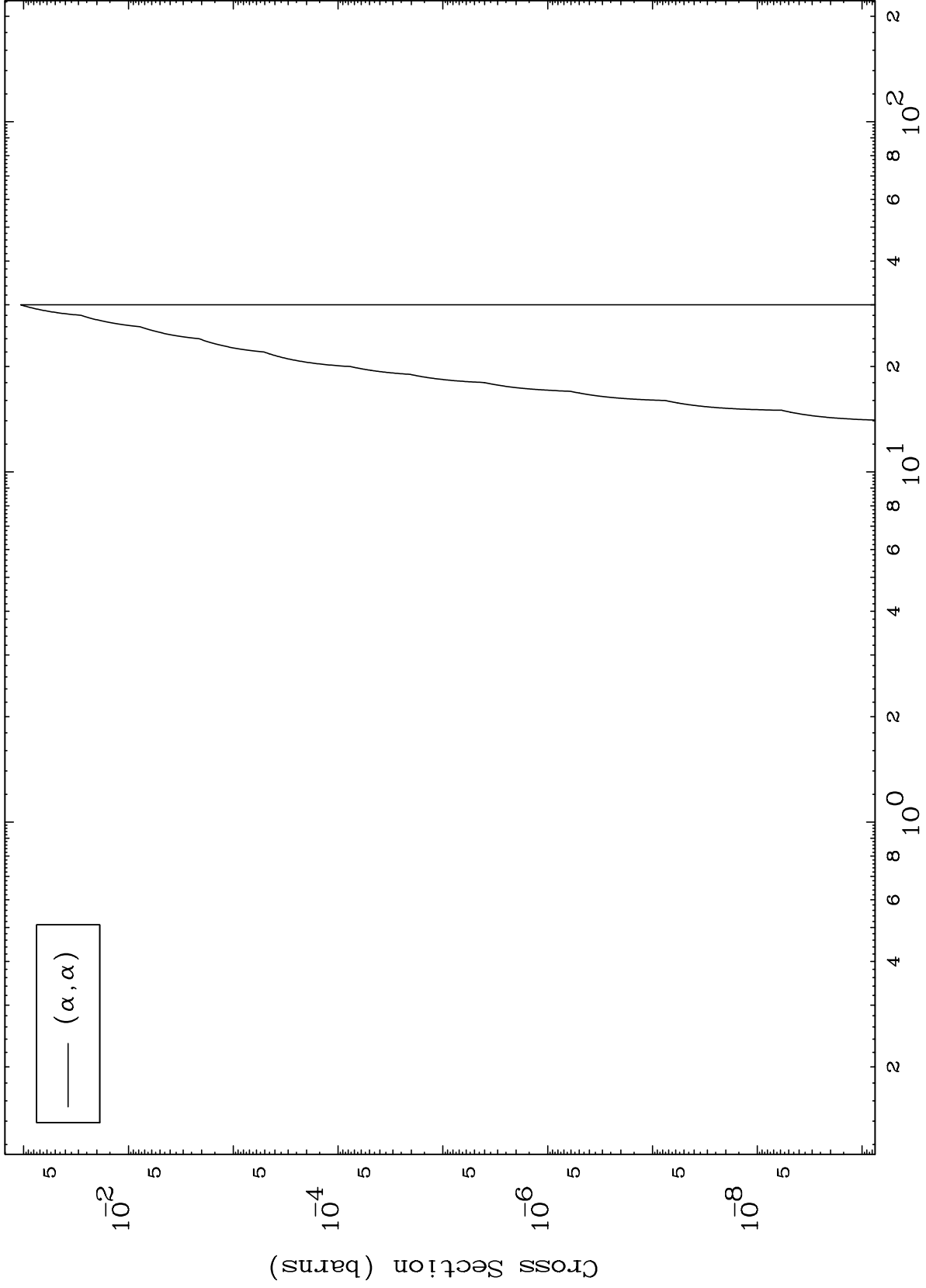


MAT 7999

(α, α) Levels

80-Hg-187

0 Kelvin Cross Sections



10

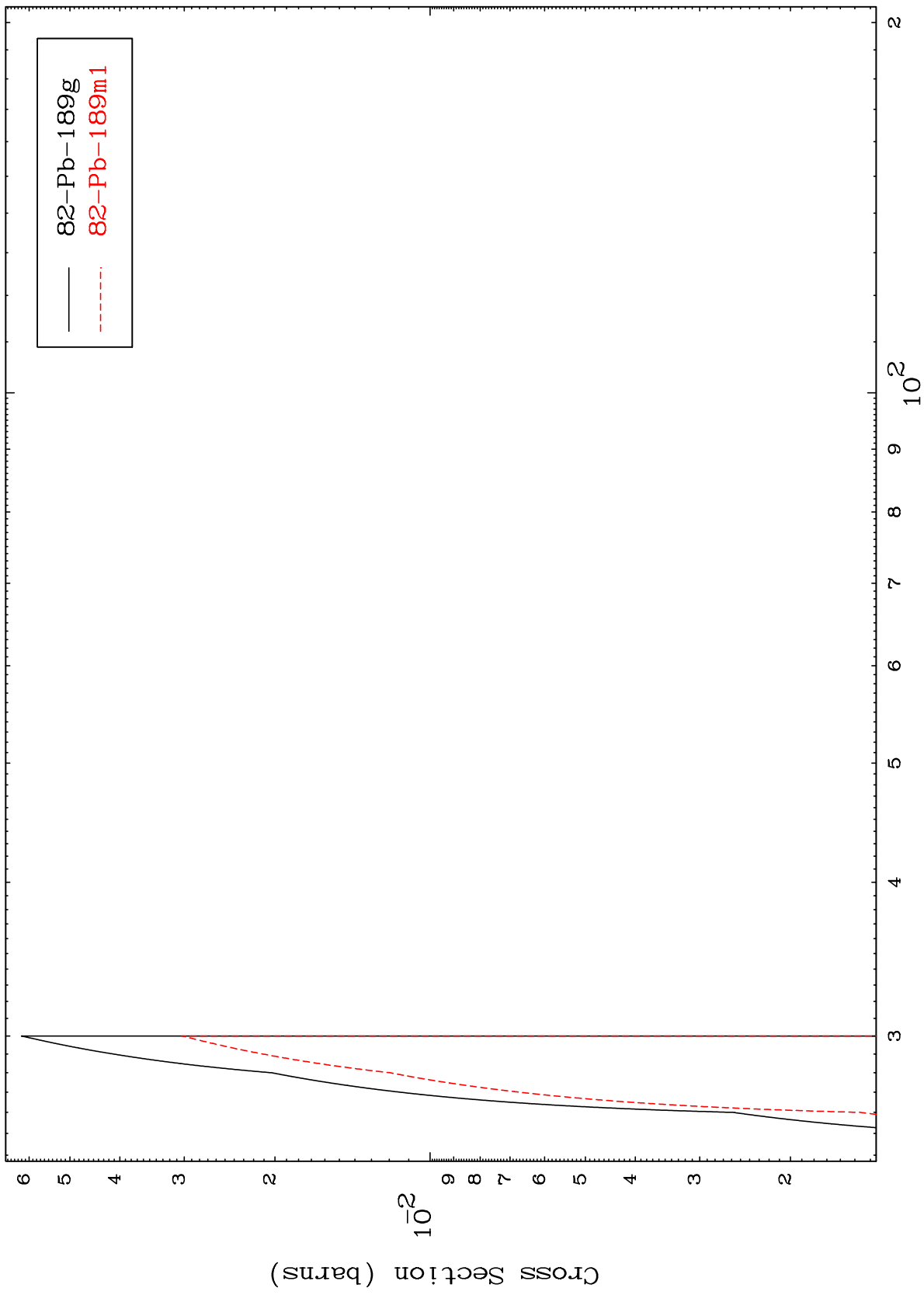
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

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



11

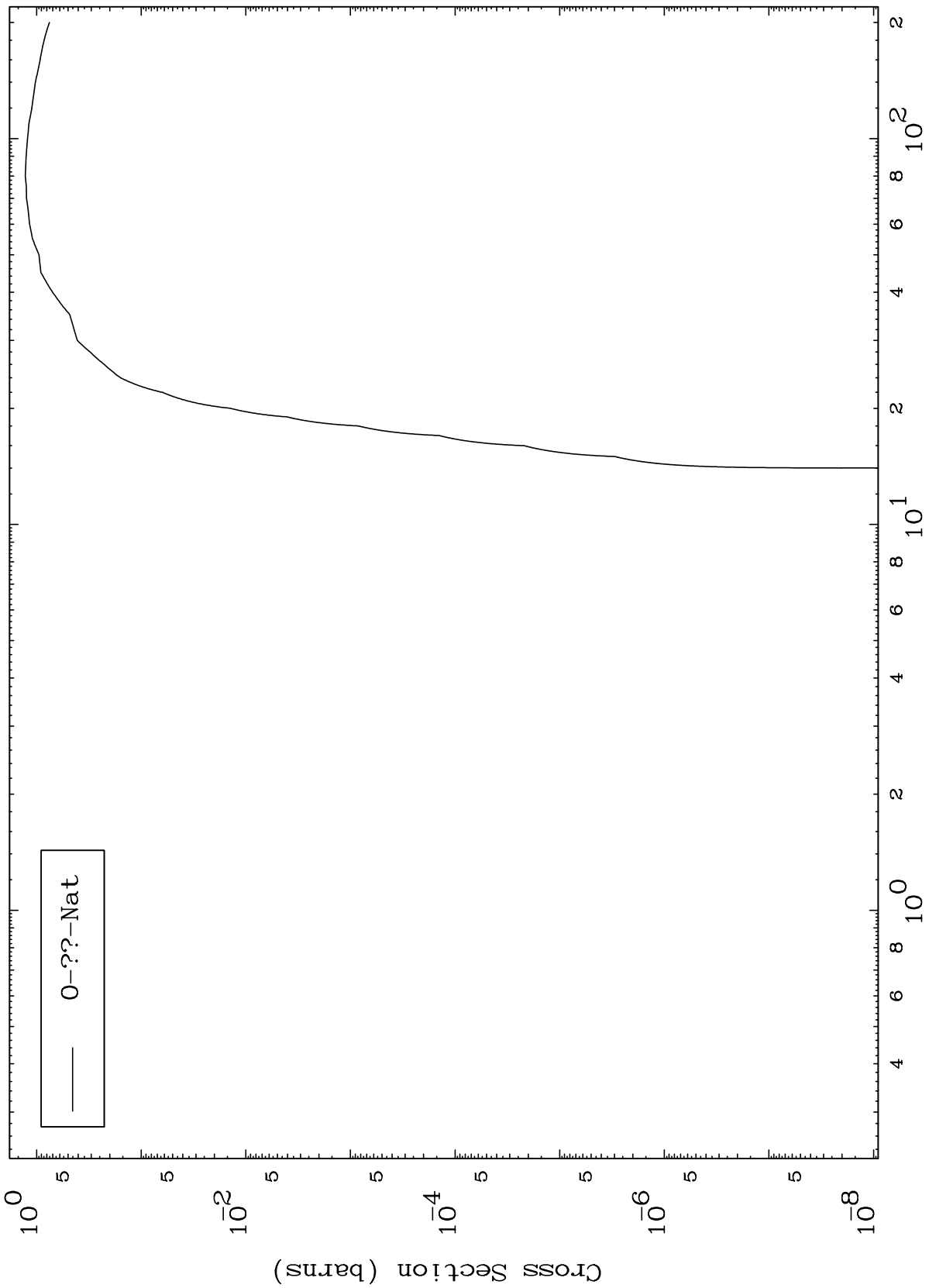
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

α Fission
Radionuclide Production Cross Section

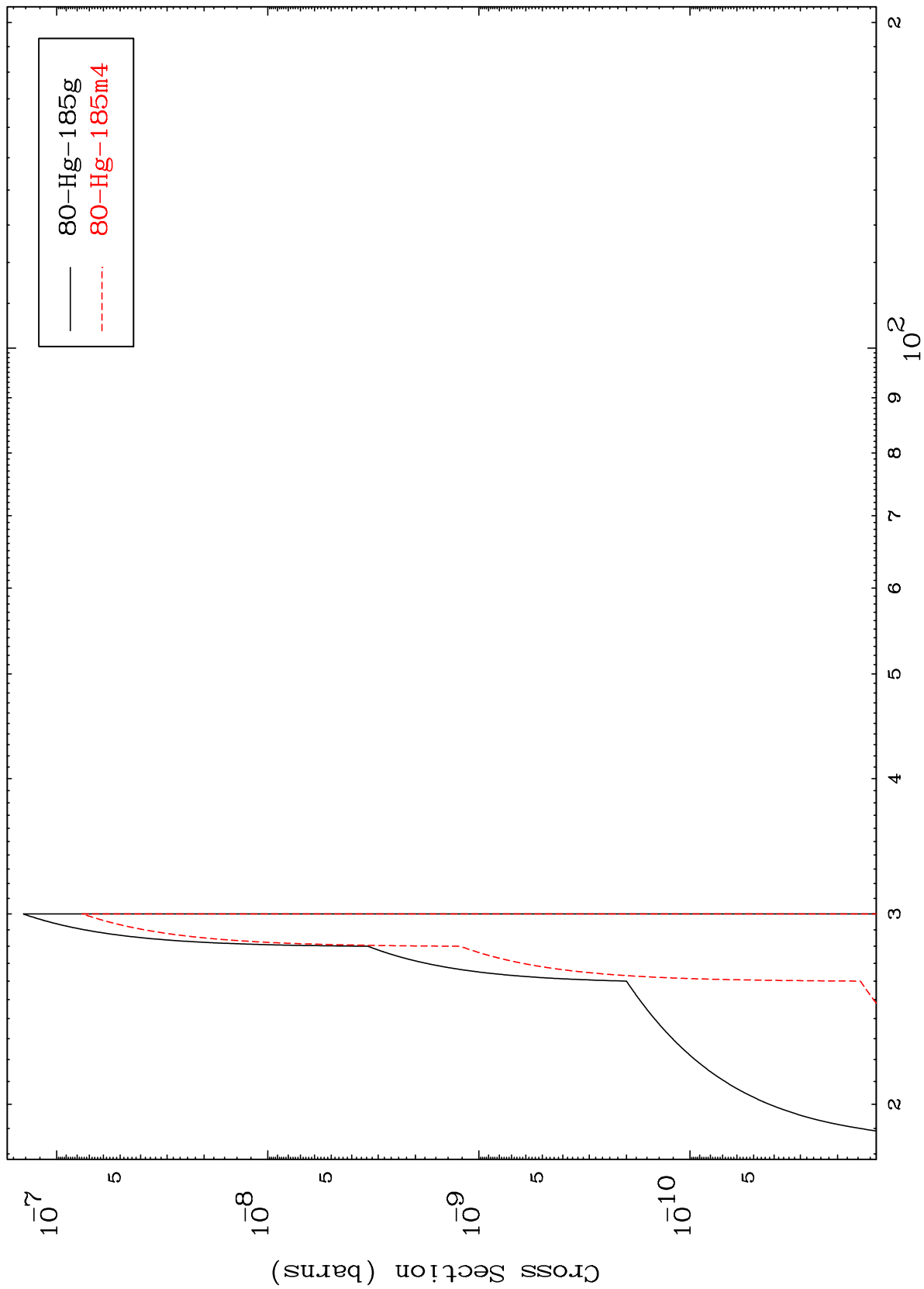


MAT 7999

80-Hg-187

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

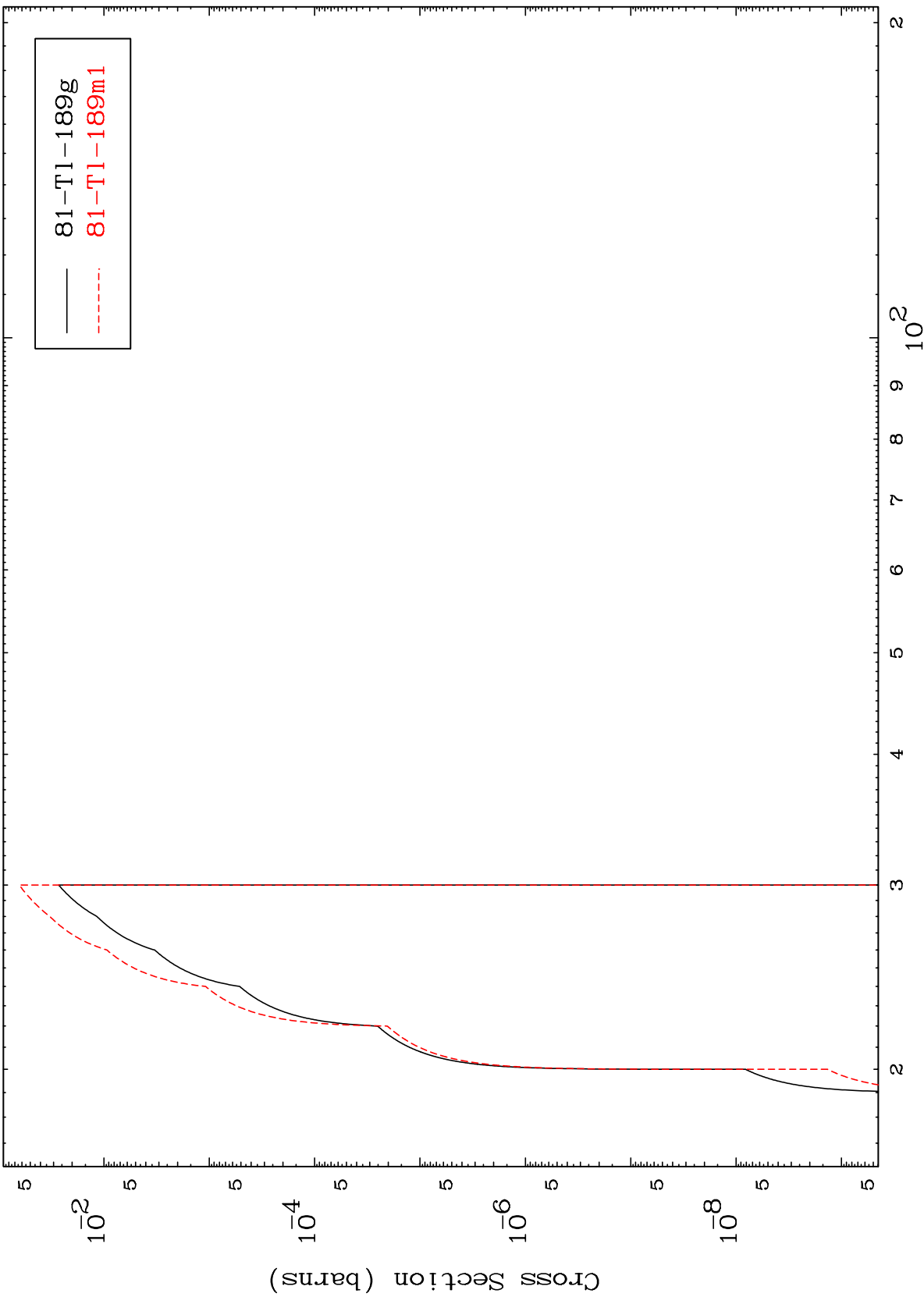
80-Hg-187

MAT 7999

(α, n') p

80-Hg-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

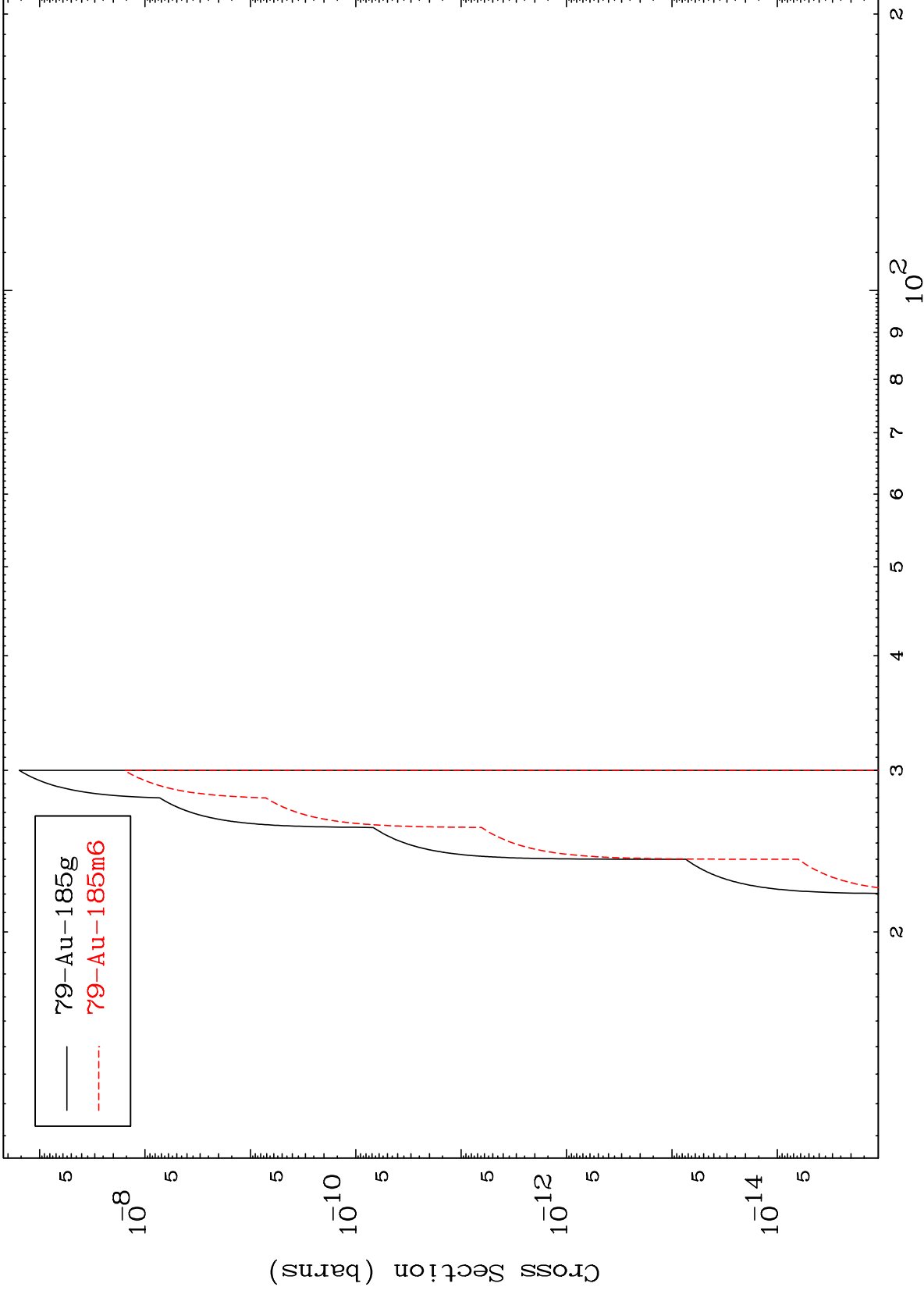
80-Hg-187

MAT 7999

(α, n') p α

80-Hg-187

Radionuclide Production Cross Section



15

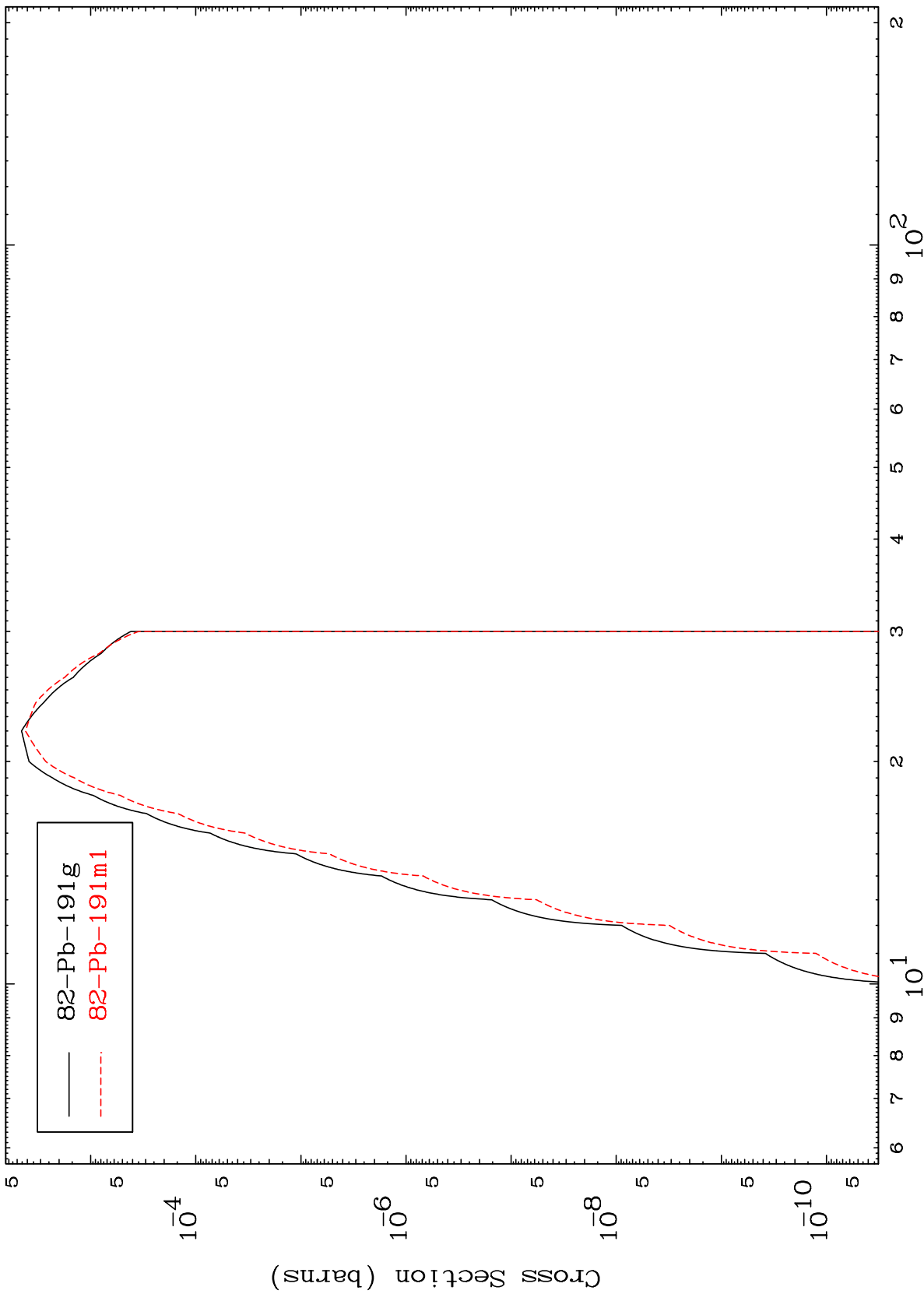
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

(α, γ)
Radionuclide Production Cross Section



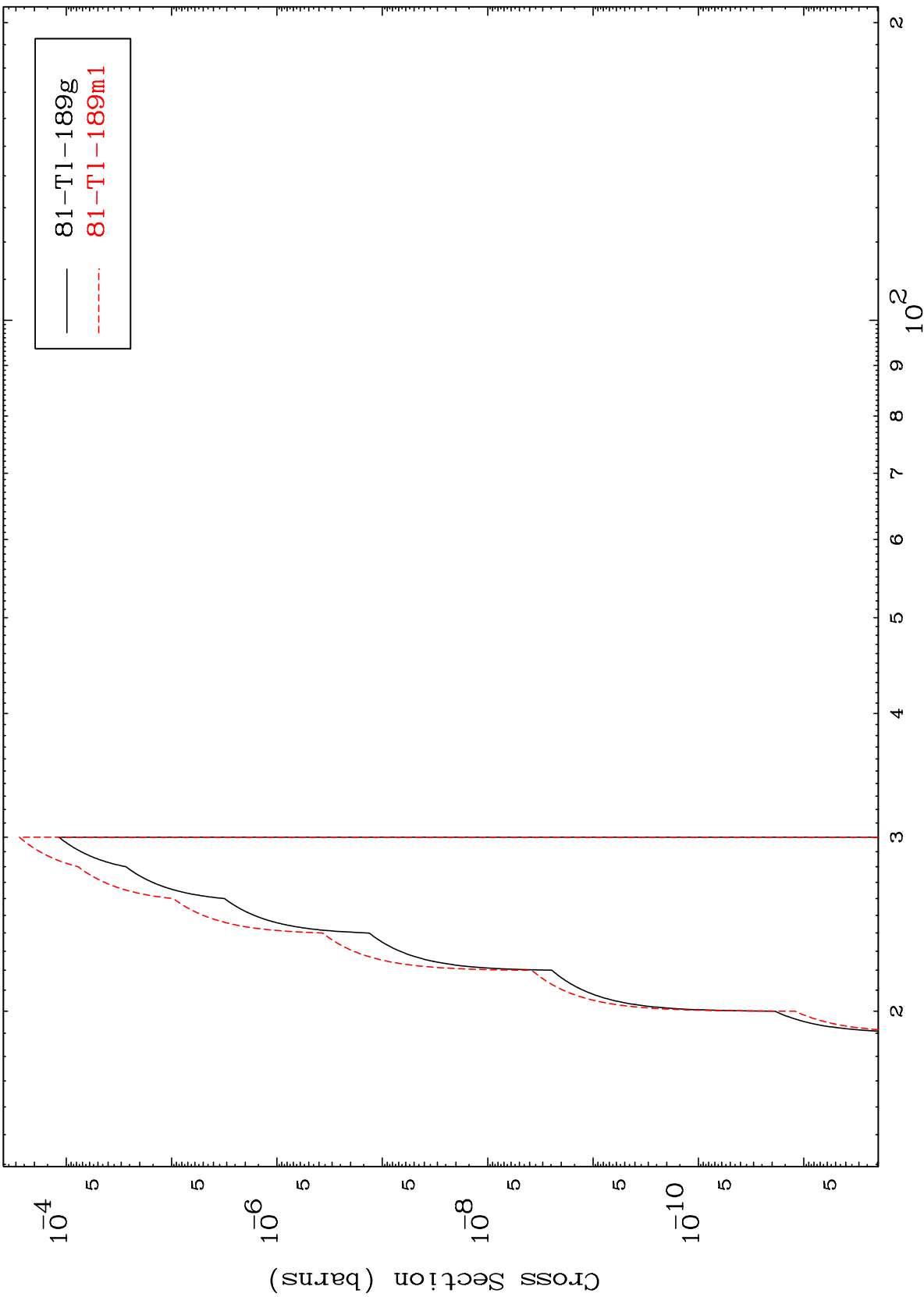
— 82-Pb-191g
- - - 82-Pb-191m1

80-Hg-187

Incident Energy (MeV)

16

(α, d)
Radionuclide Production Cross Section

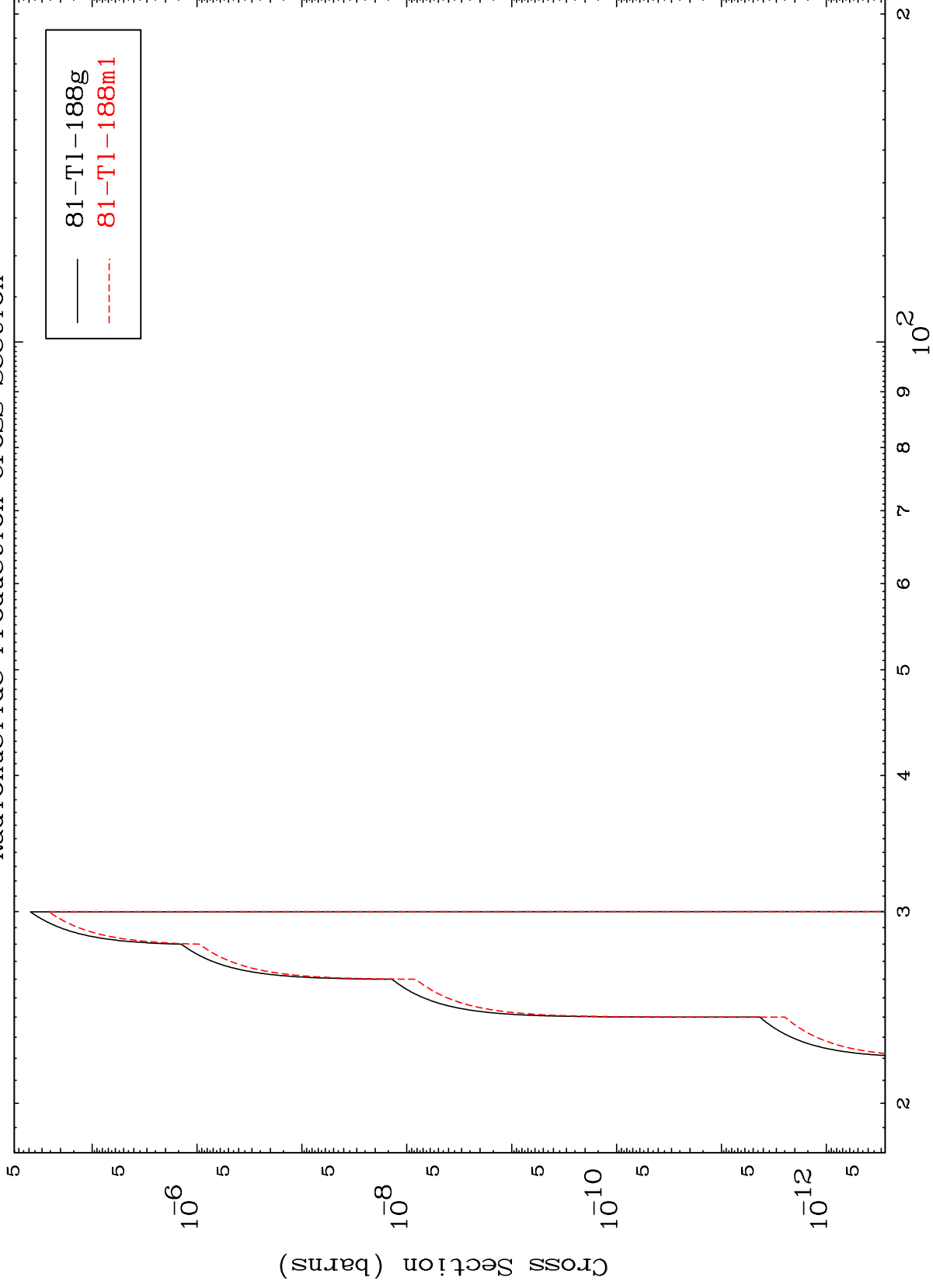


MAT 7999

(α, t)

80-Hg-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

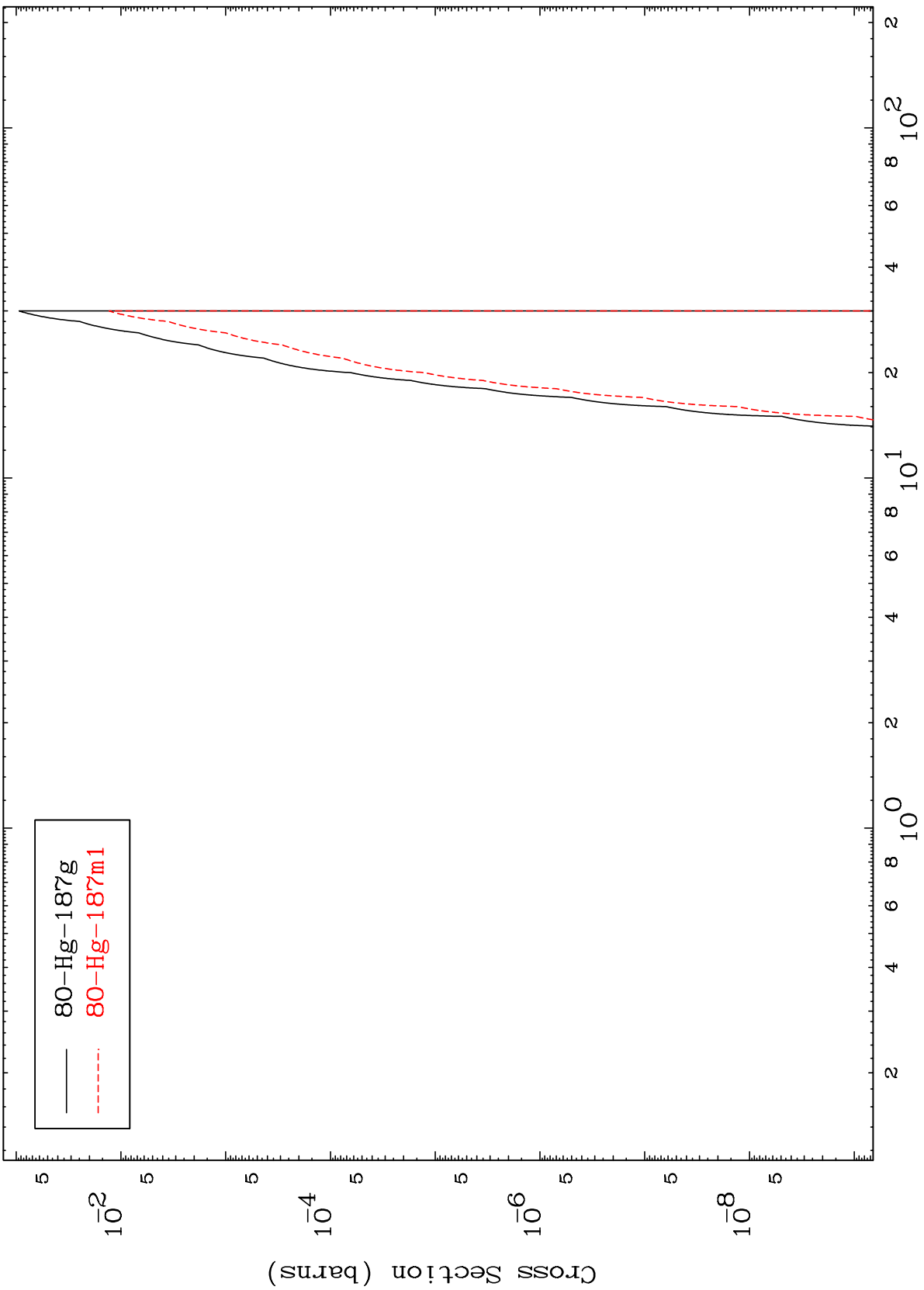
80-Hg-187

MAT 7999

(α, α)

80-Hg-187

Radionuclide Production Cross Section



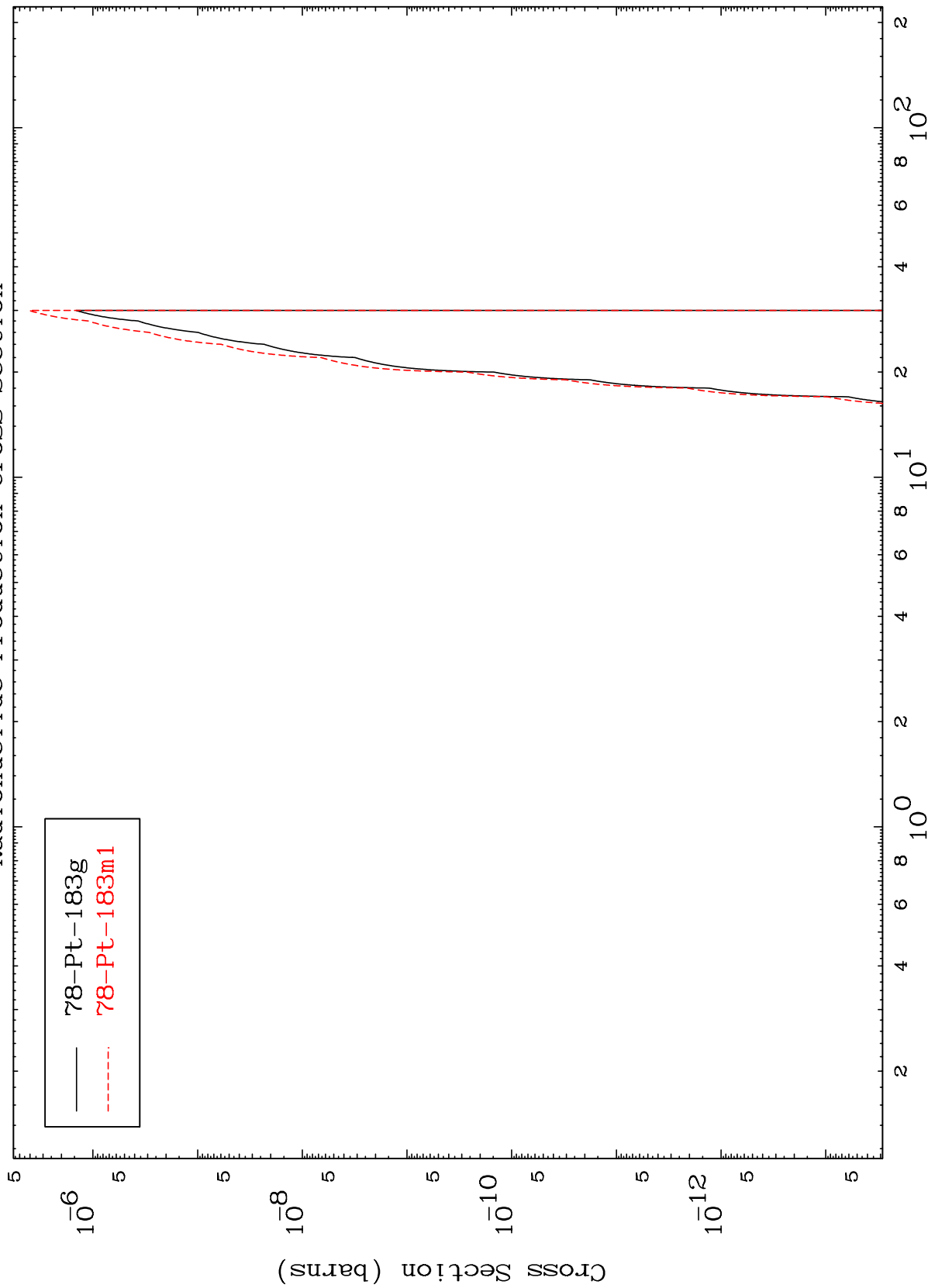
80-Hg-187g
80-Hg-187m1

MAT 7999

80-Hg-187

80-Hg-187

Radionuclide Production Cross Section



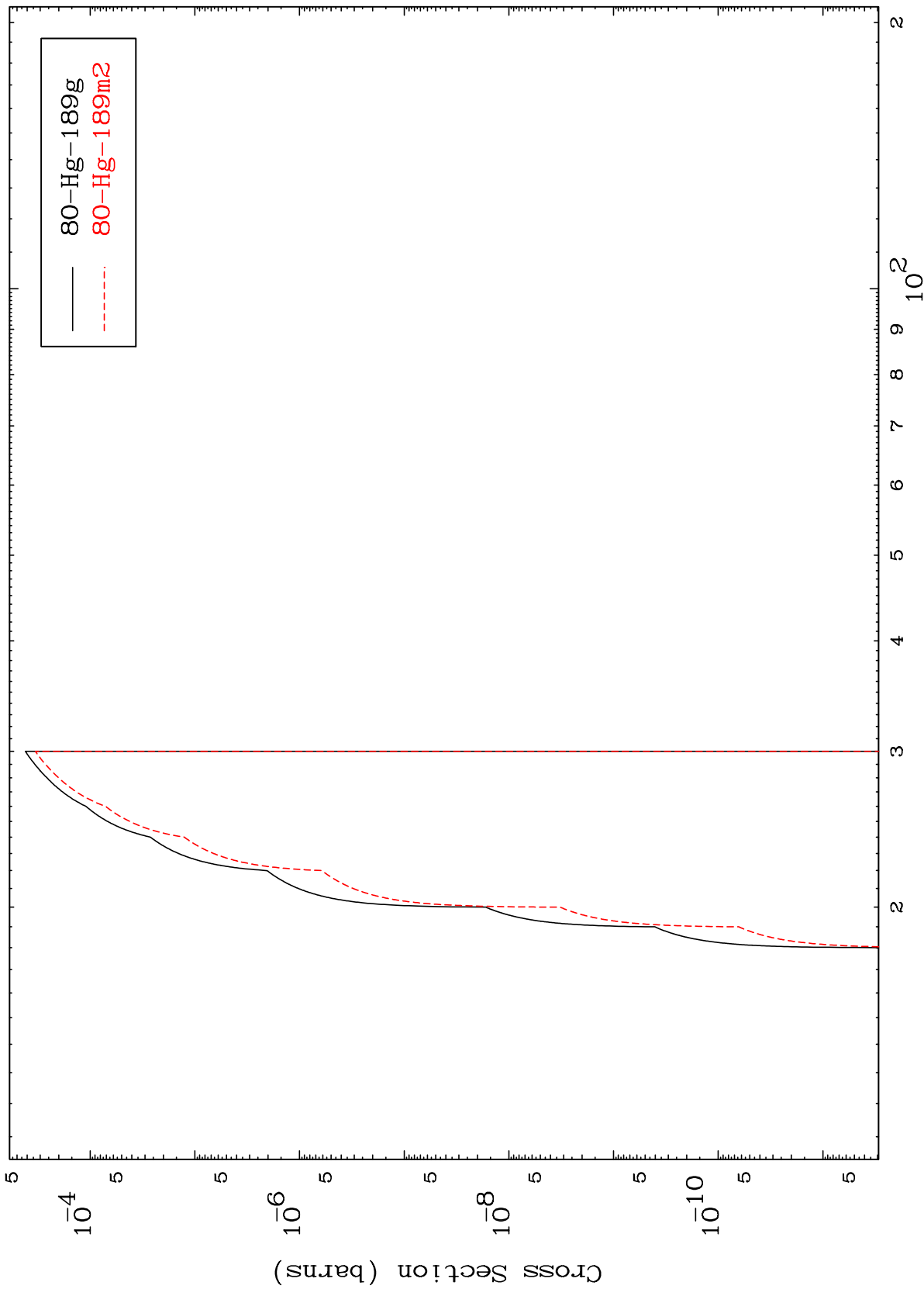
Incident Energy (MeV)

20

MAT 7999

80-Hg-187

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



80-Hg-187

Incident Energy (MeV)

21