

Program EVALPLOT
(Version 2018-1)

by

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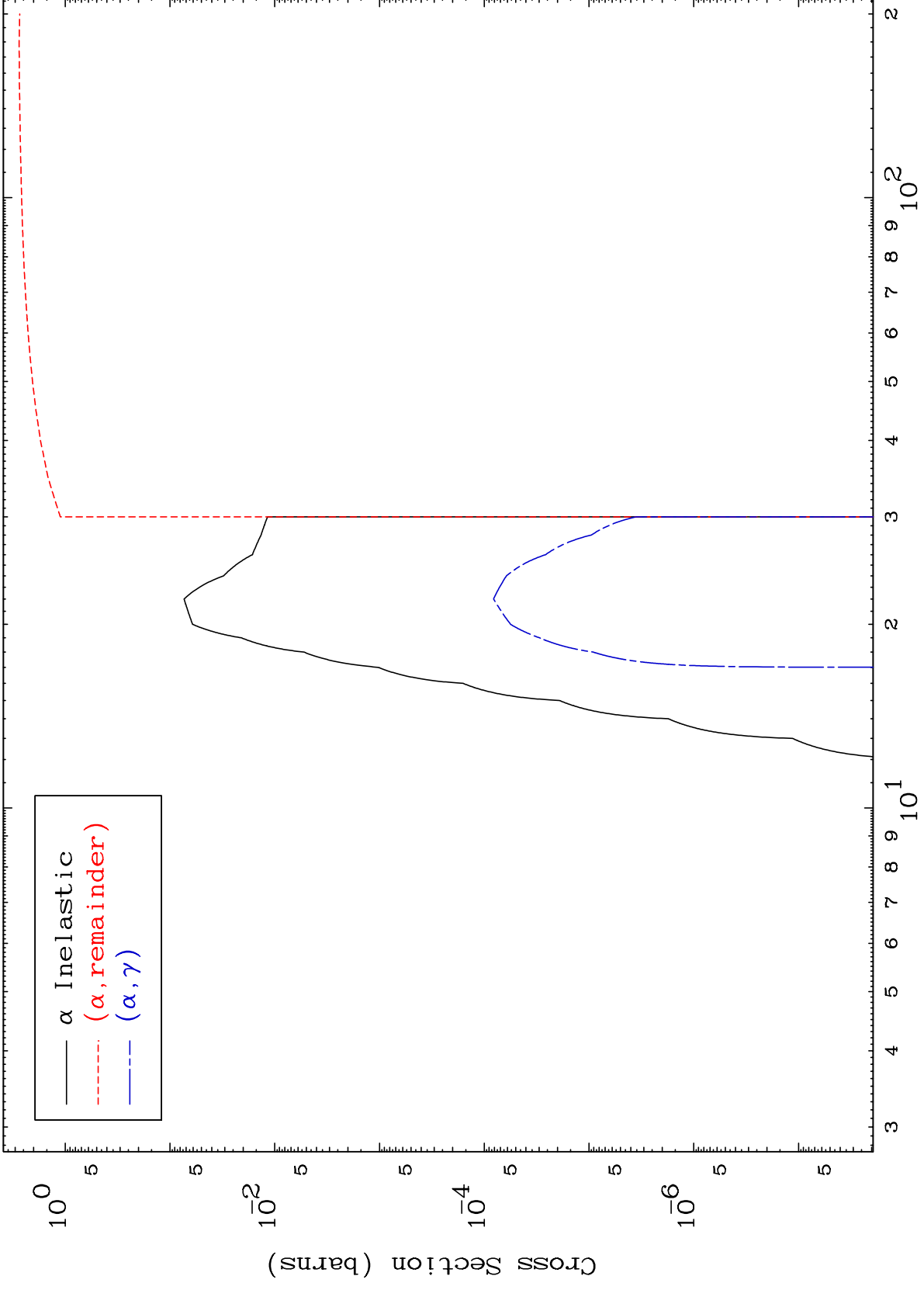
Press Mouse Button to Start

MAT 8028

α Major

80-Hg-197

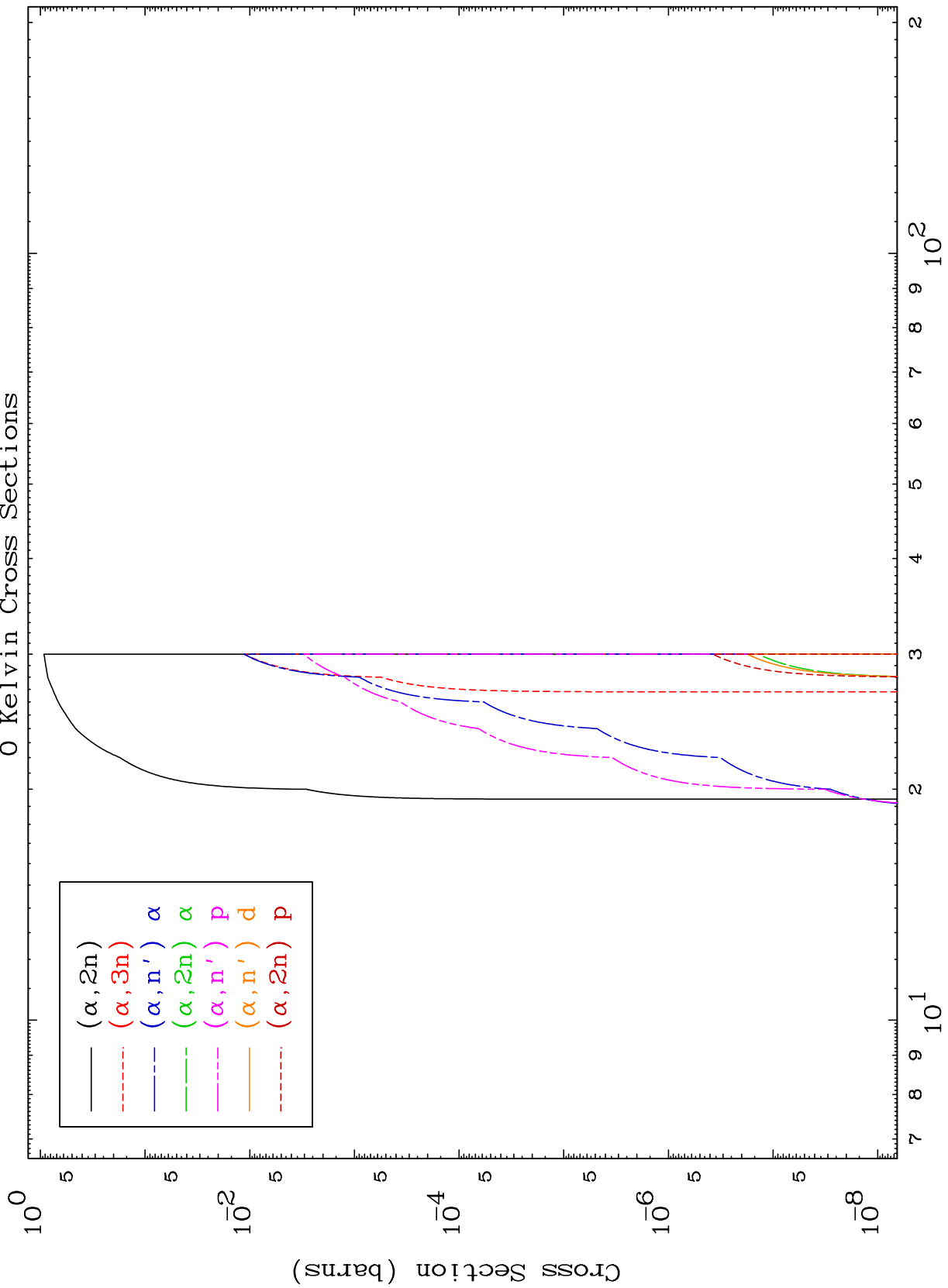
0 Kelvin Cross Sections



MAT 8028

α Neutron Production
0 Kelvin Cross Sections

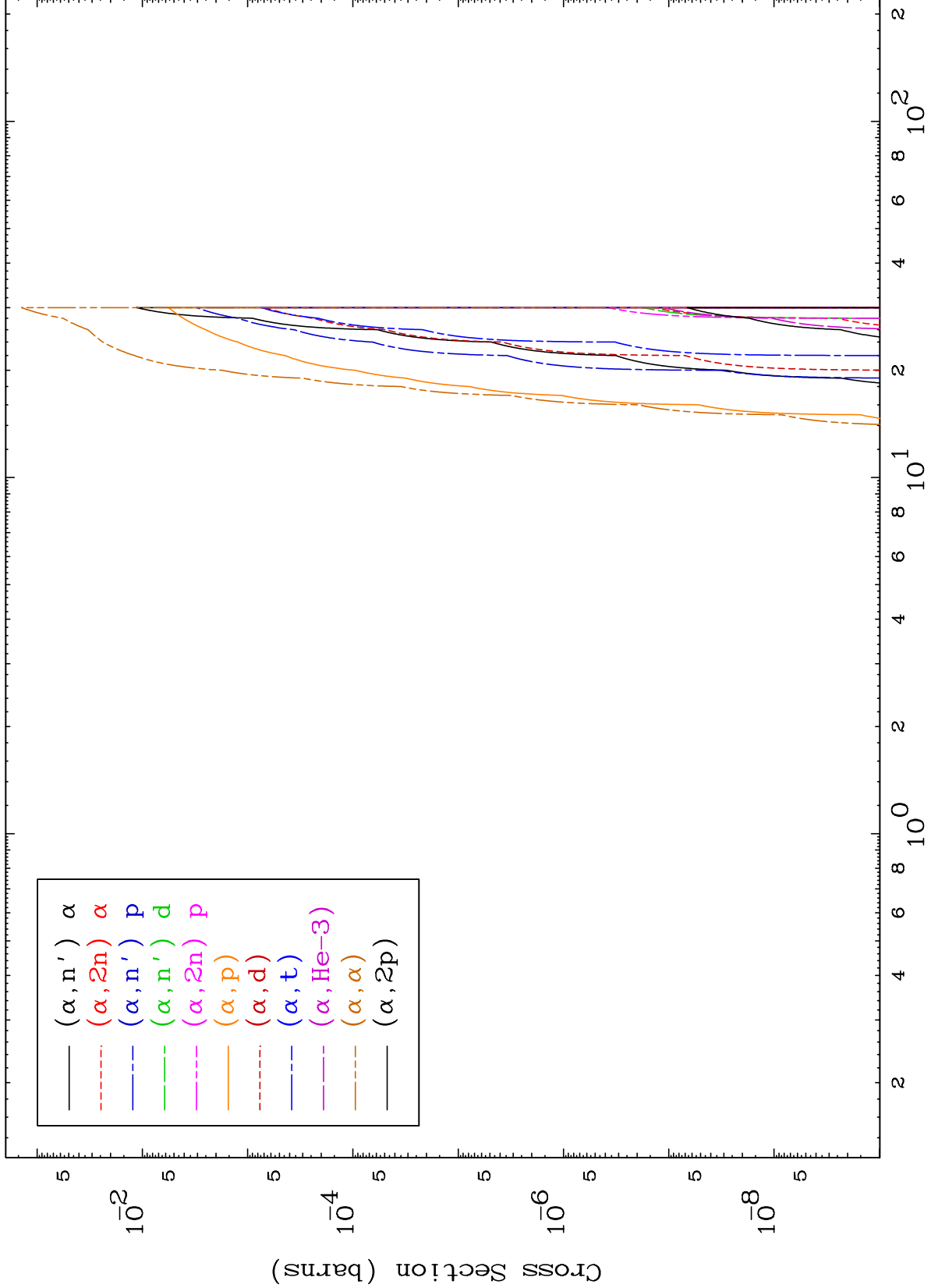
80-Hg-197



Incident Energy (MeV)

80-Hg-197

2

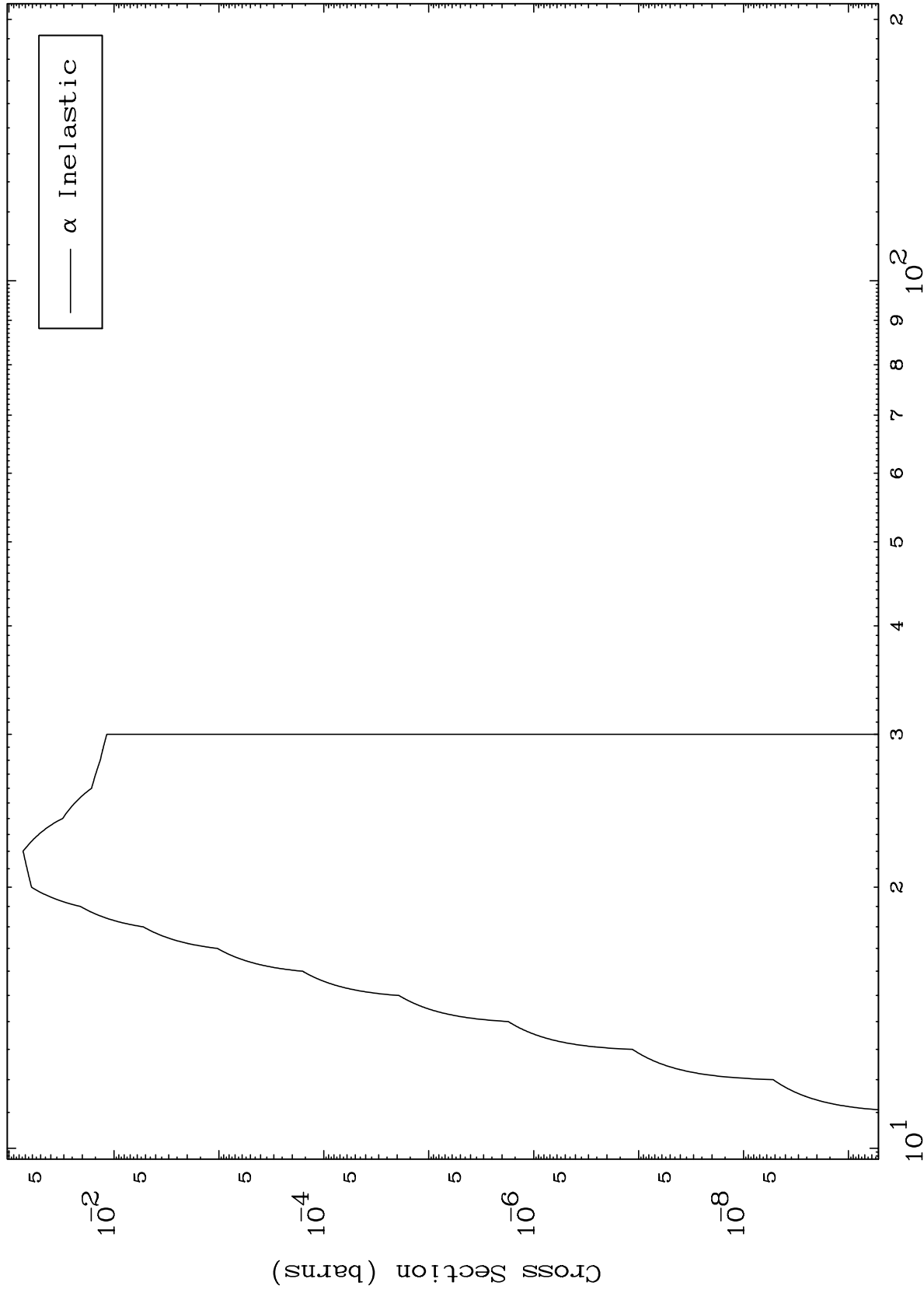


MAT 8028

(α, n') Level

80-Hg-197

0 Kelvin Cross Sections



Incident Energy (MeV)

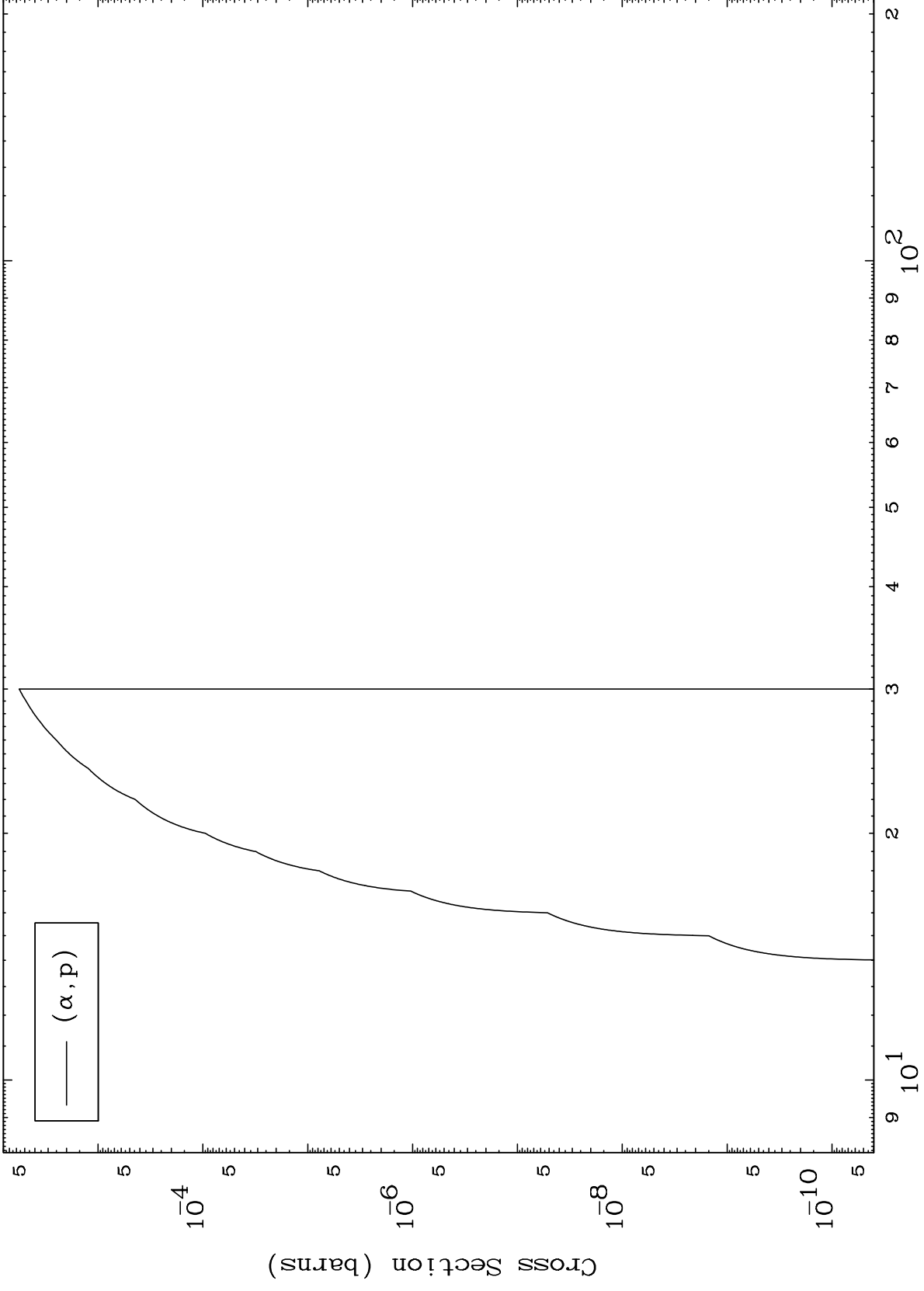
80-Hg-197

MAT 8028

(α, p) Levels

80-Hg-197

0 Kelvin Cross Sections



Incident Energy (MeV)

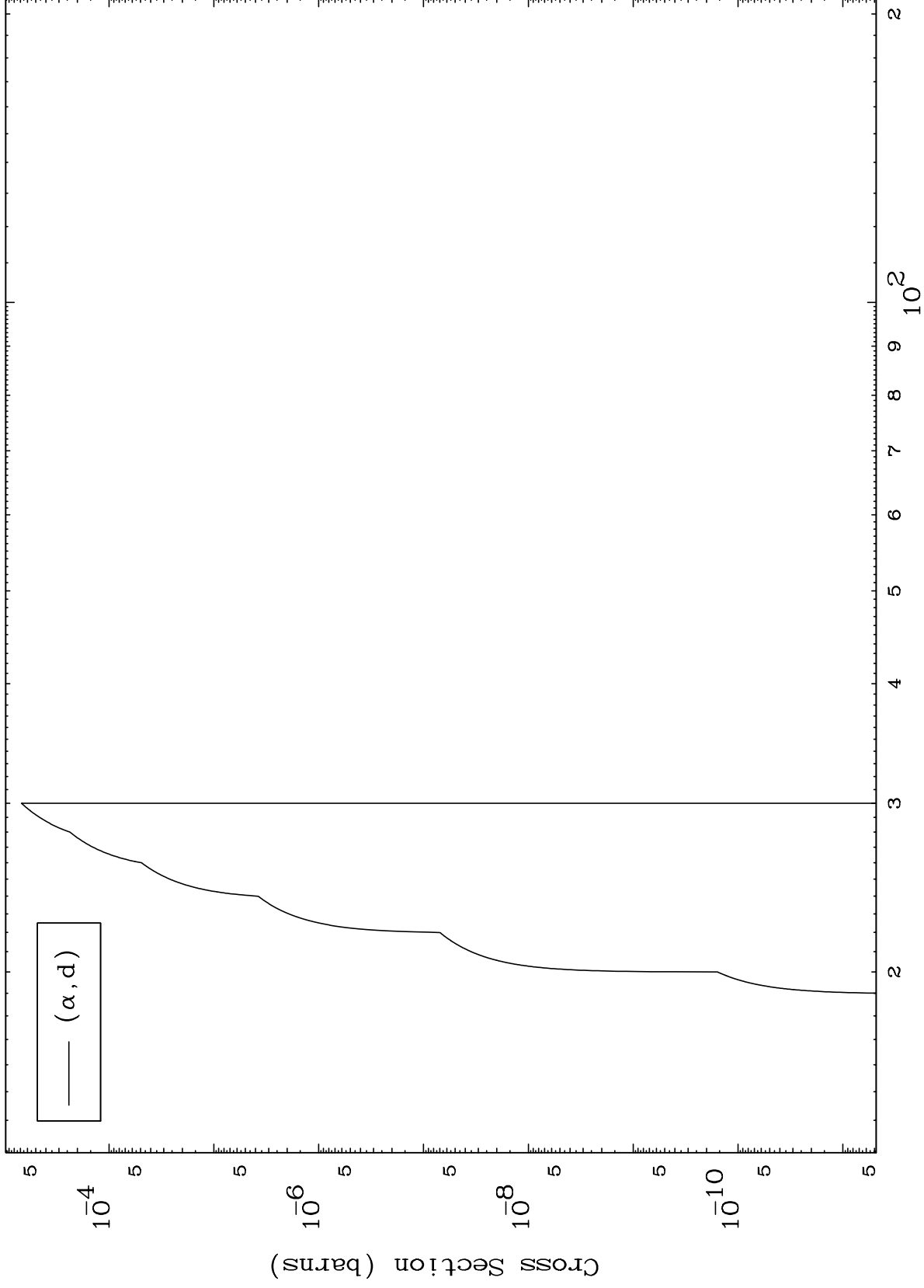
80-Hg-197

5

MAT 8028

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-197



6

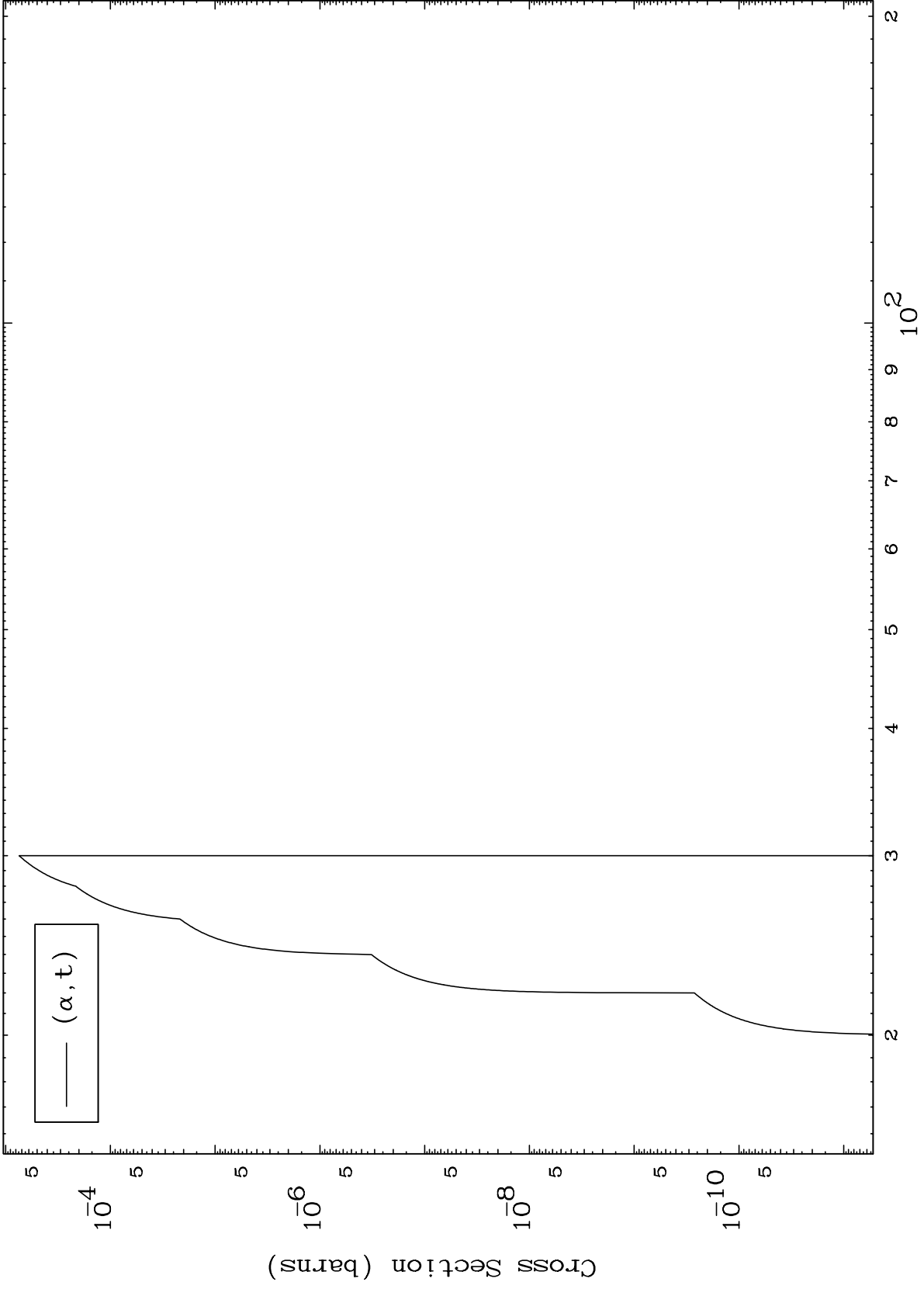
Incident Energy (MeV)

80-Hg-197

MAT 8028

(α, t) Levels
0 Kelvin Cross Sections

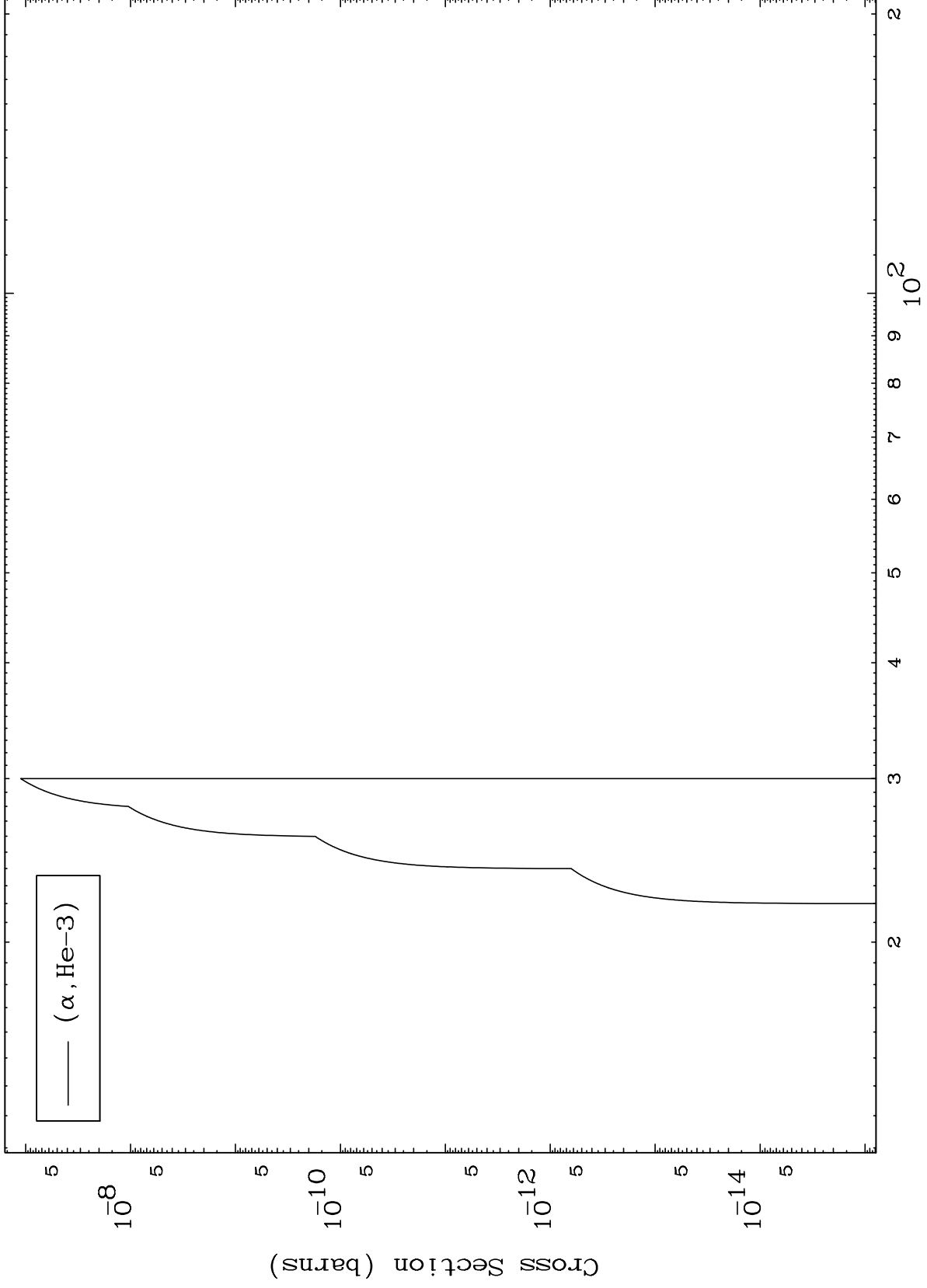
80-Hg-197



7

Incident Energy (MeV)

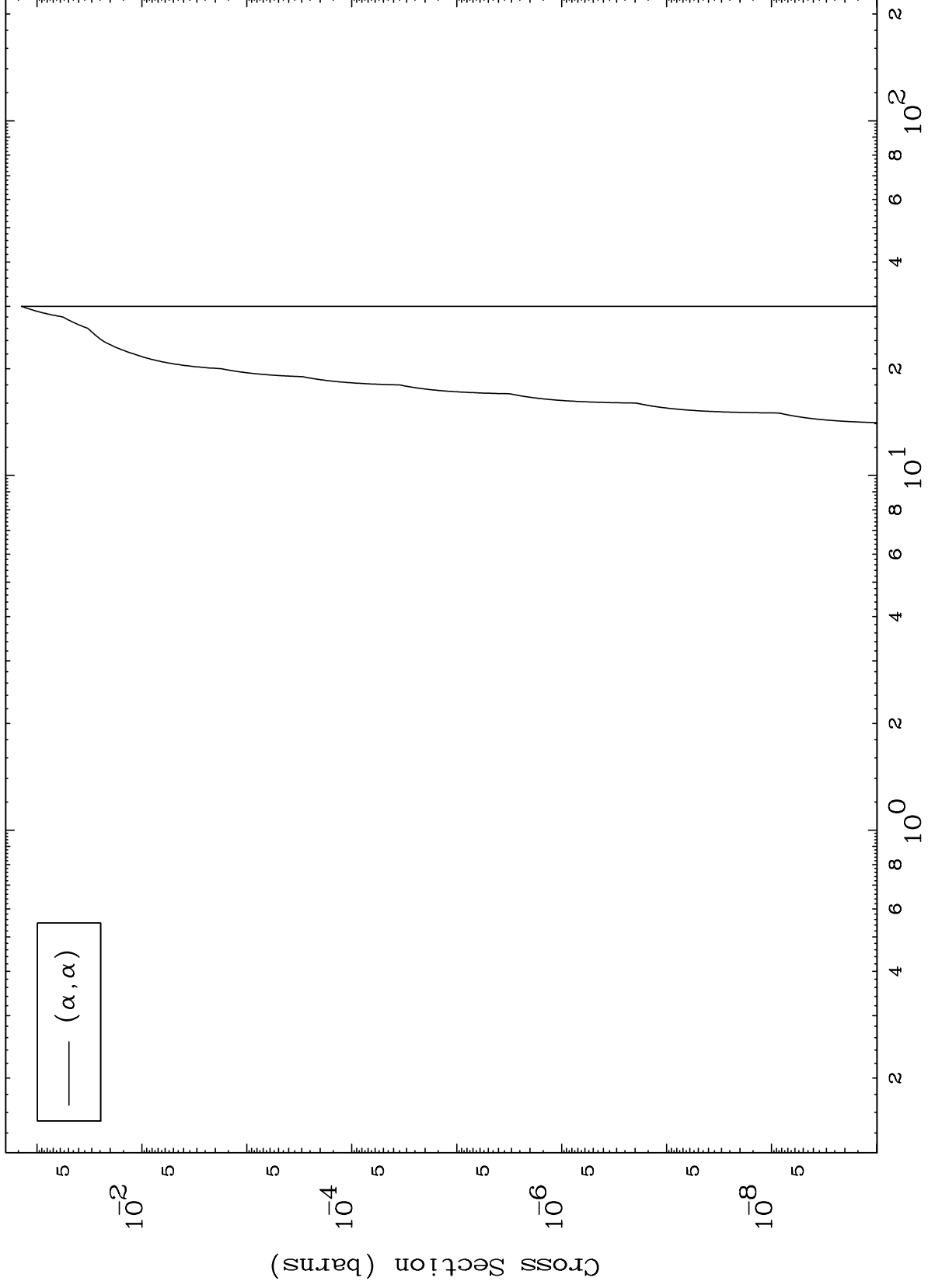
80-Hg-197



MAT 8028

(α, α) Levels
0 Kelvin Cross Sections

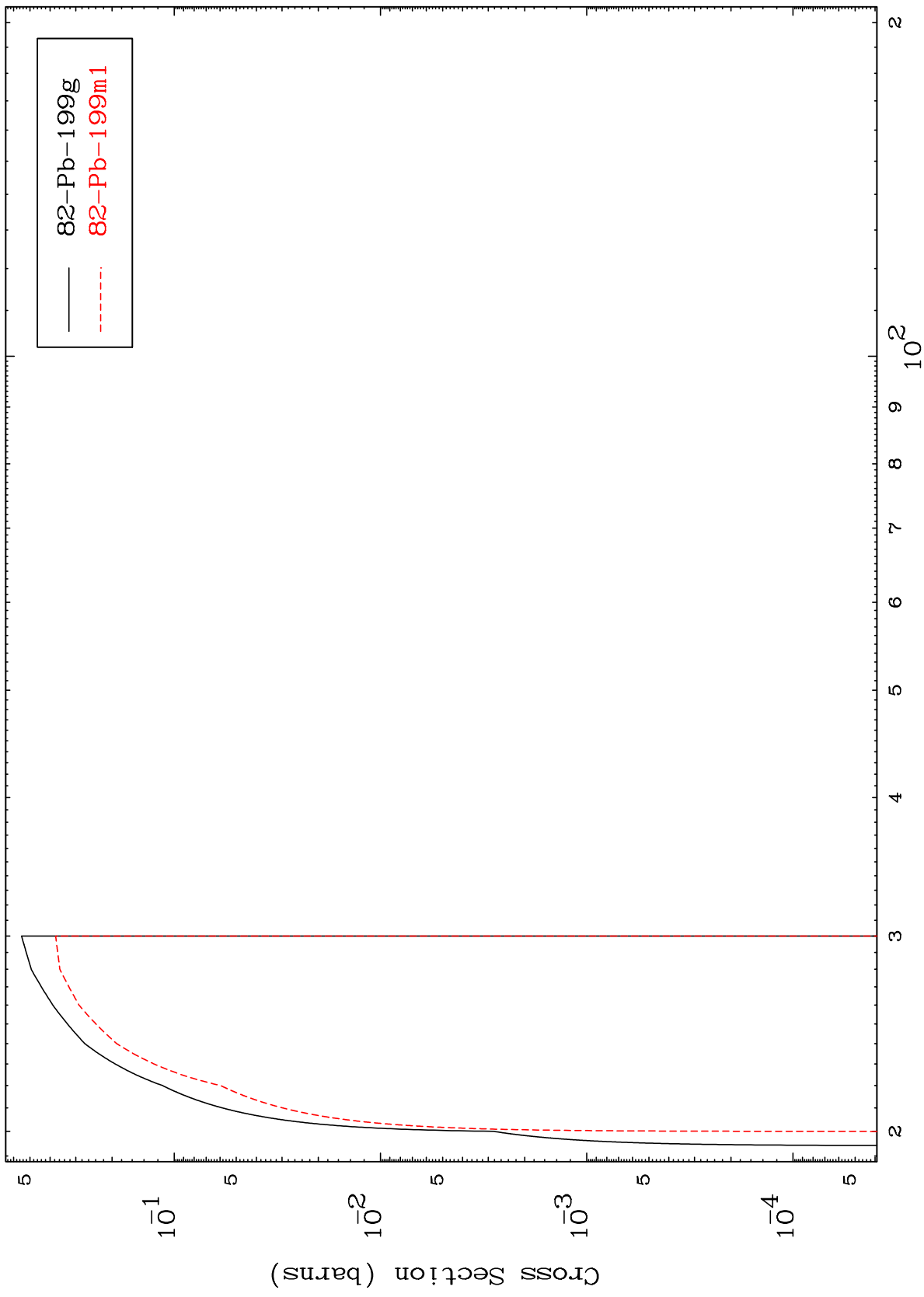
80-Hg-197



MAT 8028

80-Hg-197

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



80-Hg-197

Incident Energy (MeV)

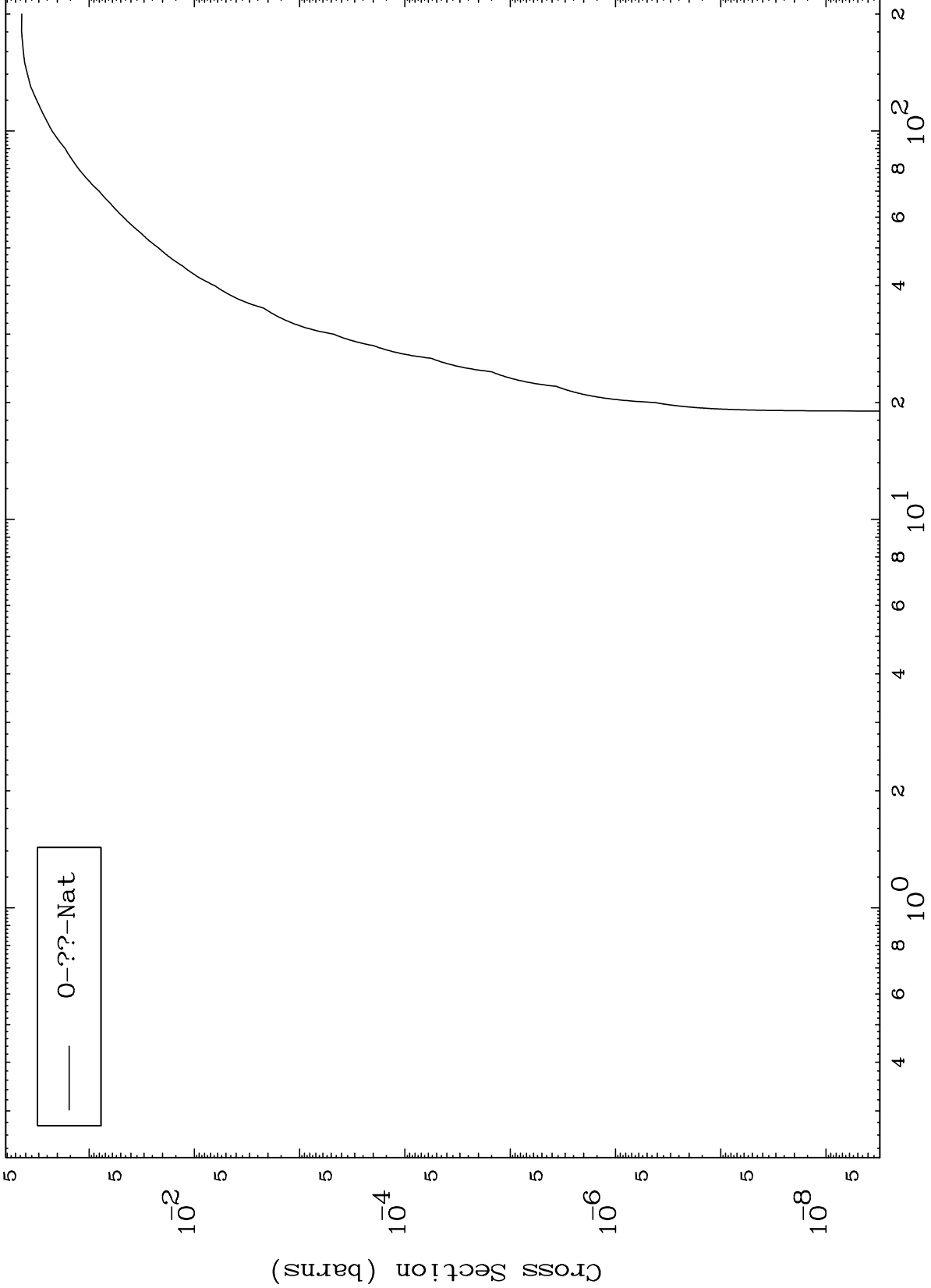
10

MAT 8028

α Fission

80-Hg-197

Radionuclide Production Cross Section

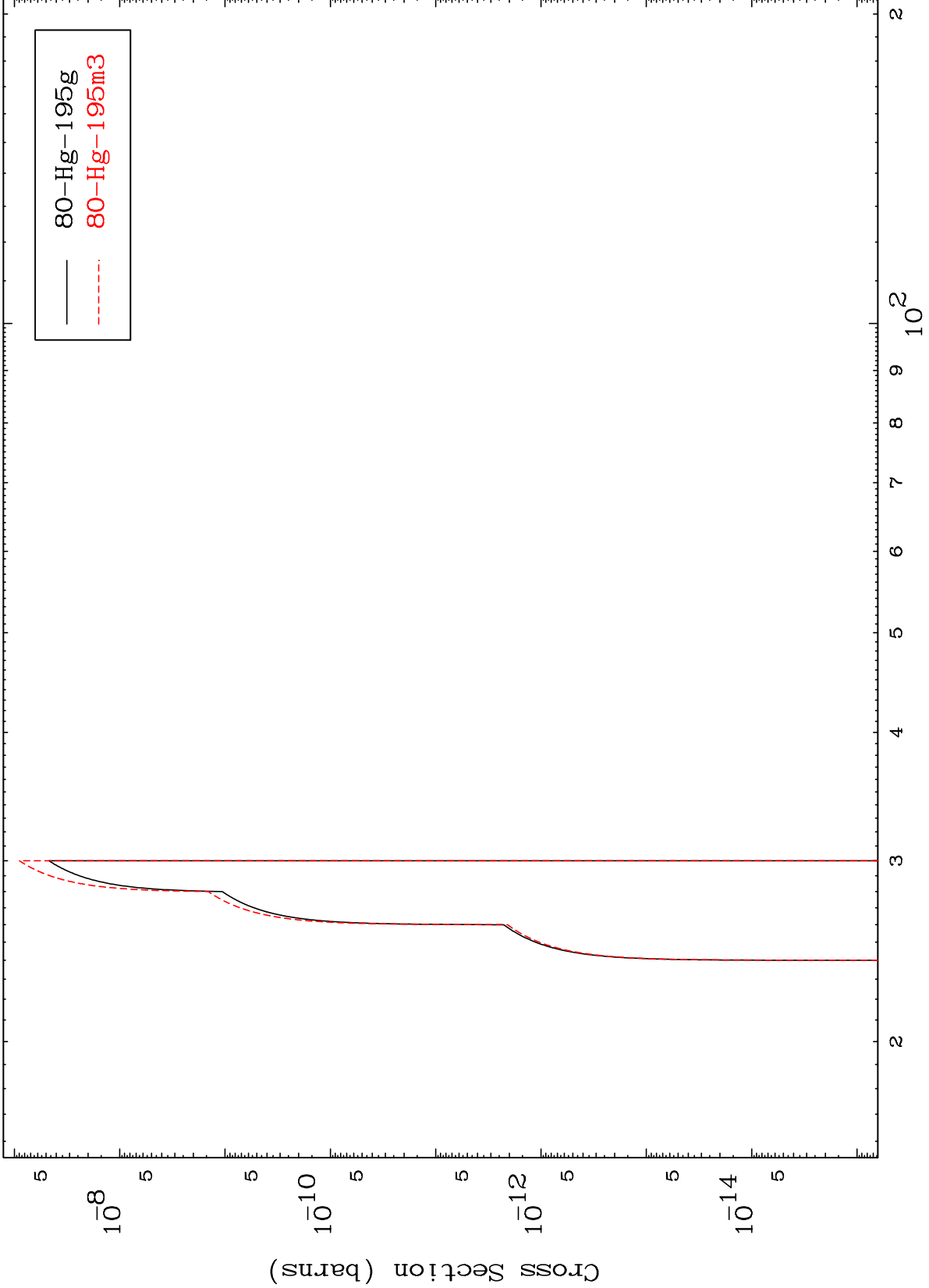


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$(\alpha, 2n) \alpha$

80-Hg-197

Radionuclide Production Cross Section



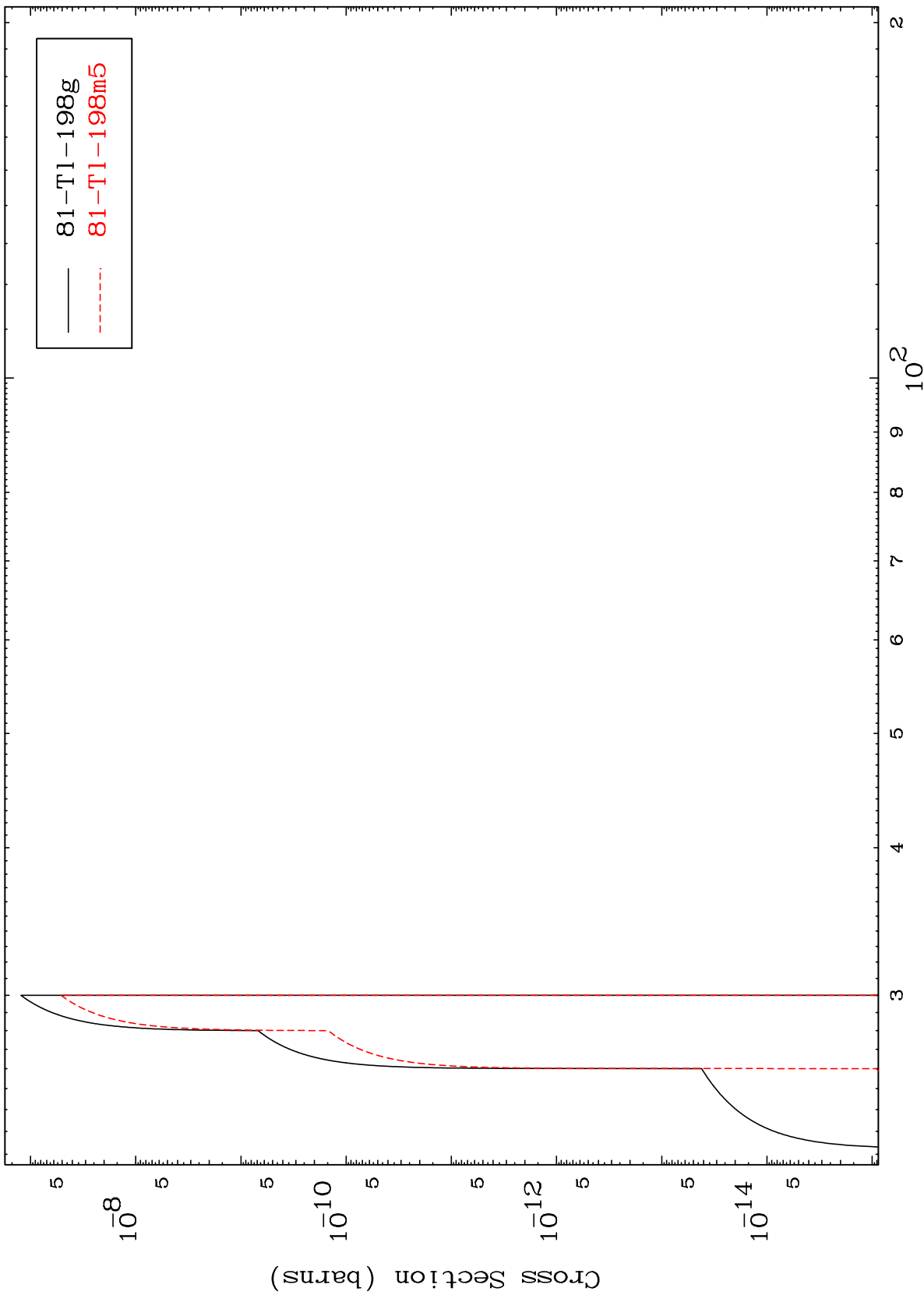
80-Hg-195g
80-Hg-195m3

12

Incident Energy (MeV)

80-Hg-197

Radionuclide Production Cross Section

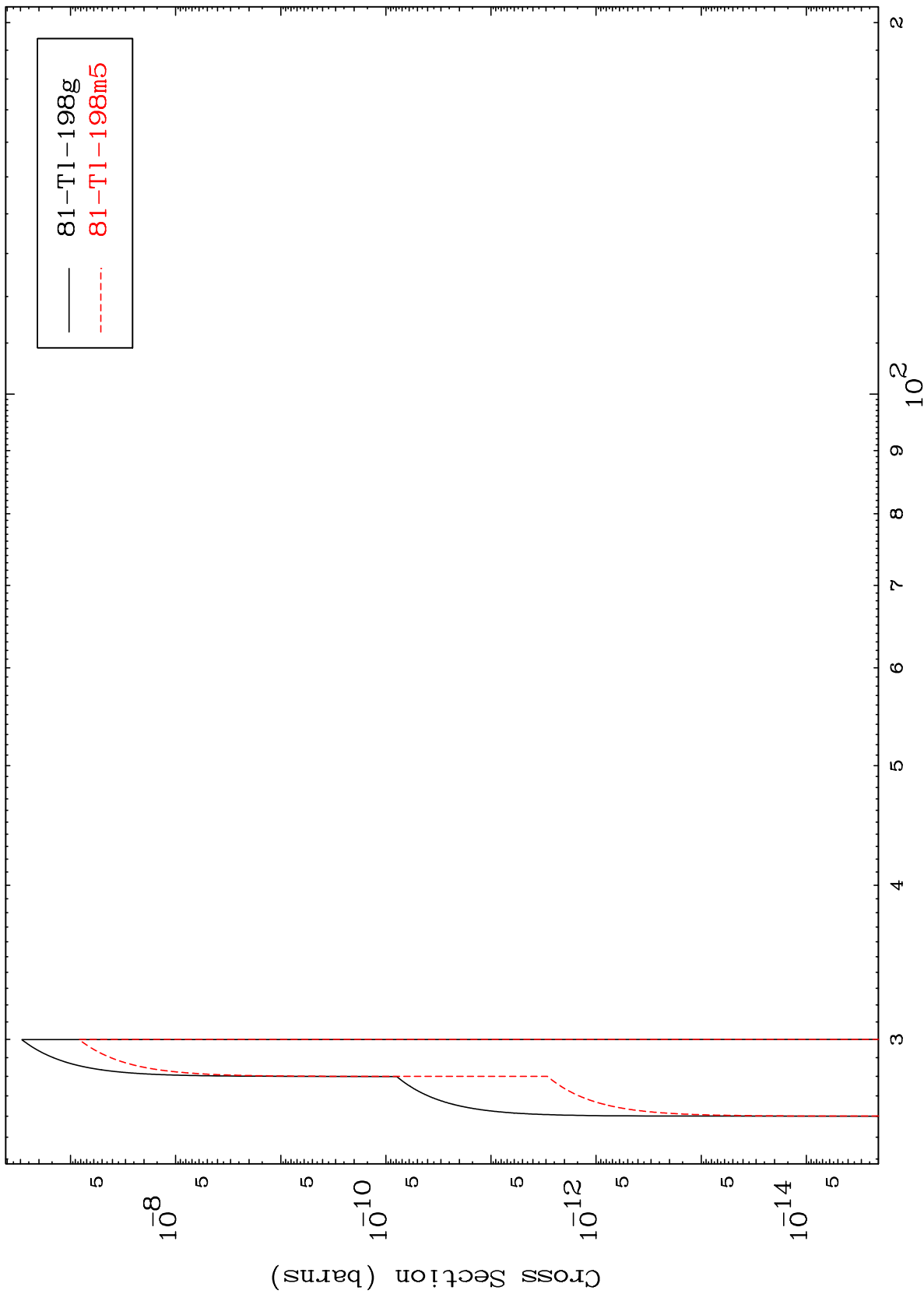


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($\alpha, 2n$) p

80-Hg-197

Radionuclide Production Cross Section



14

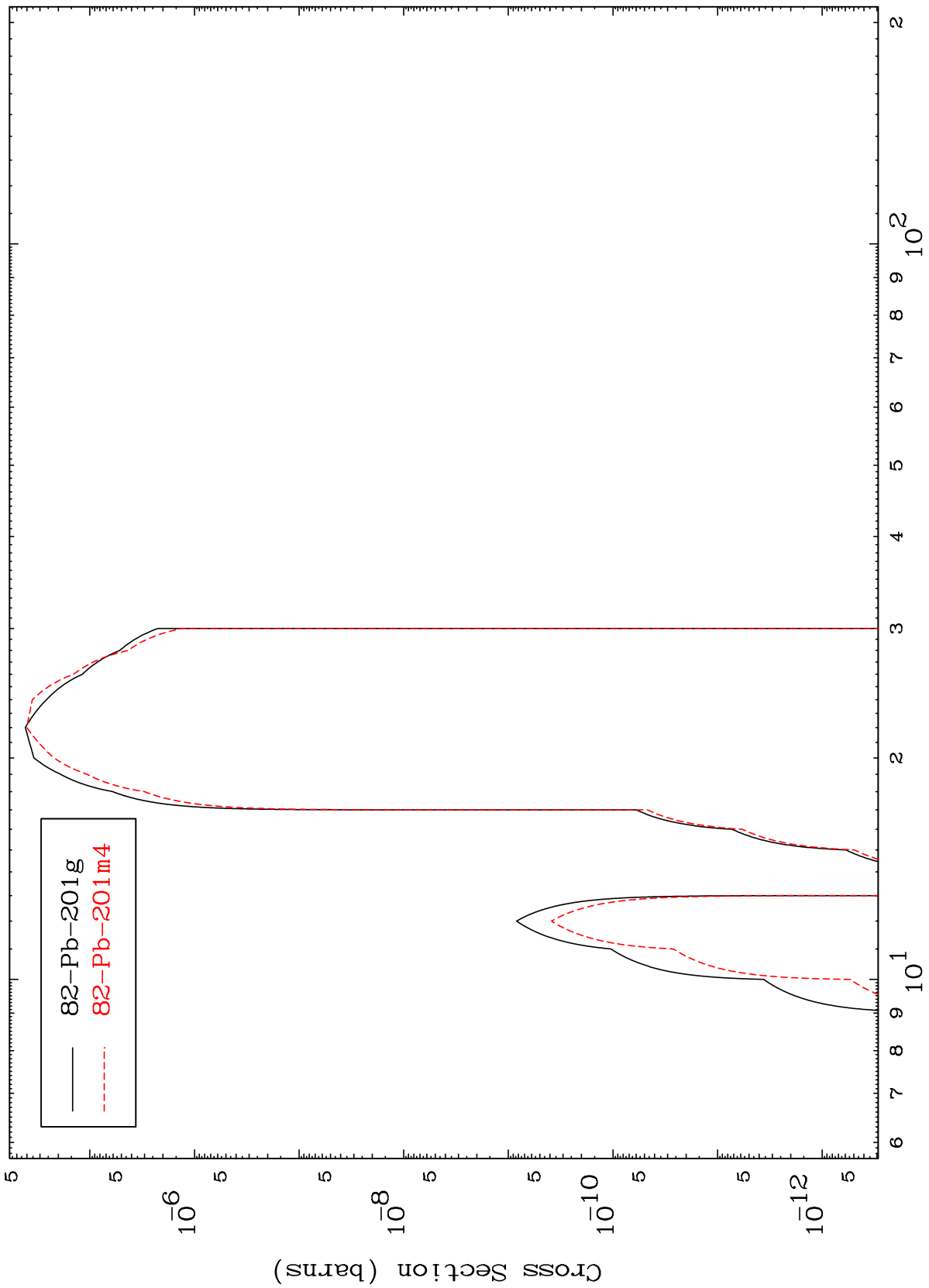
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

Radionuclide Production Cross Section
(α, γ)



80-Hg-197

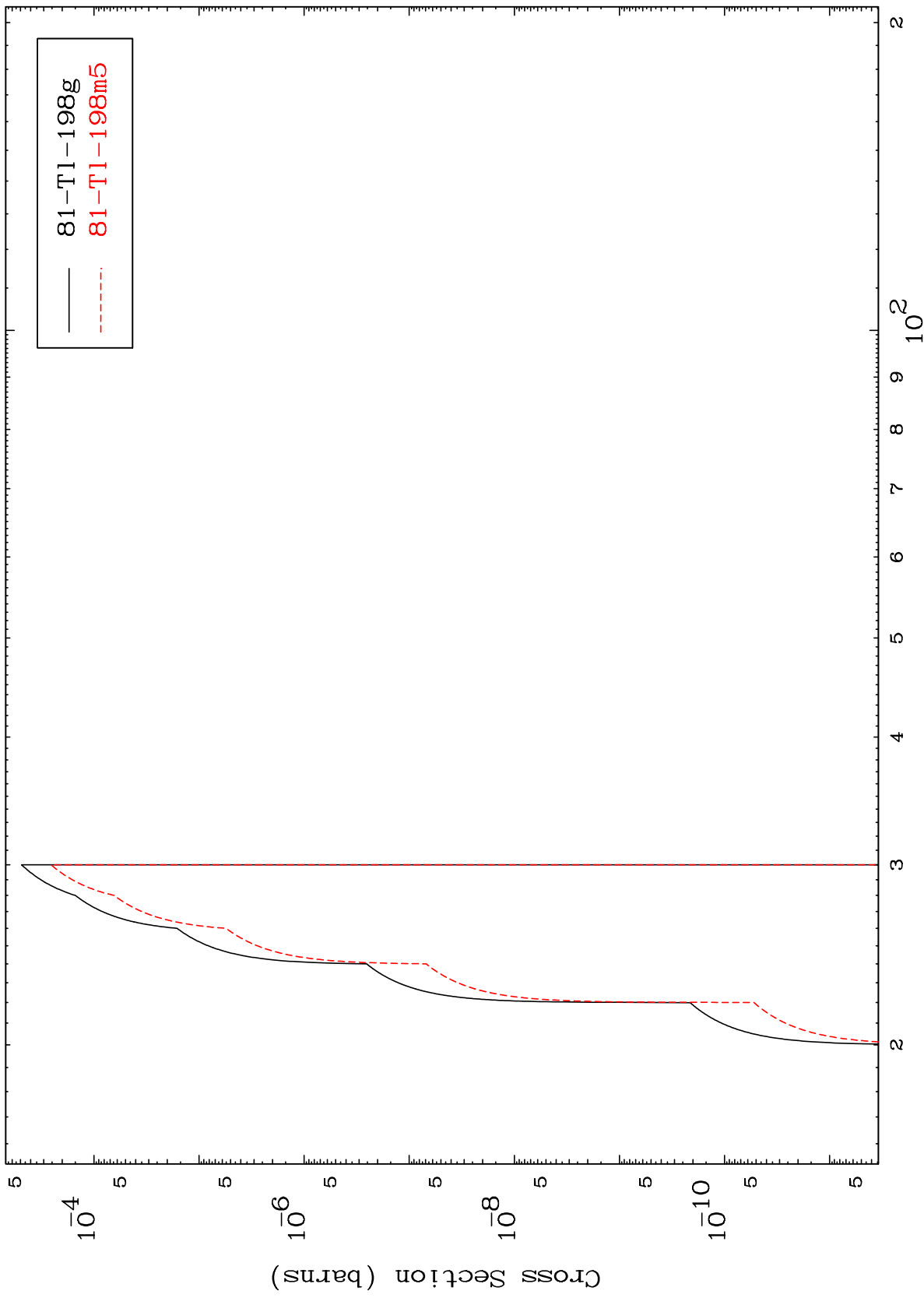
Incident Energy (MeV)

15

MAT 8028

80-Hg-197

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

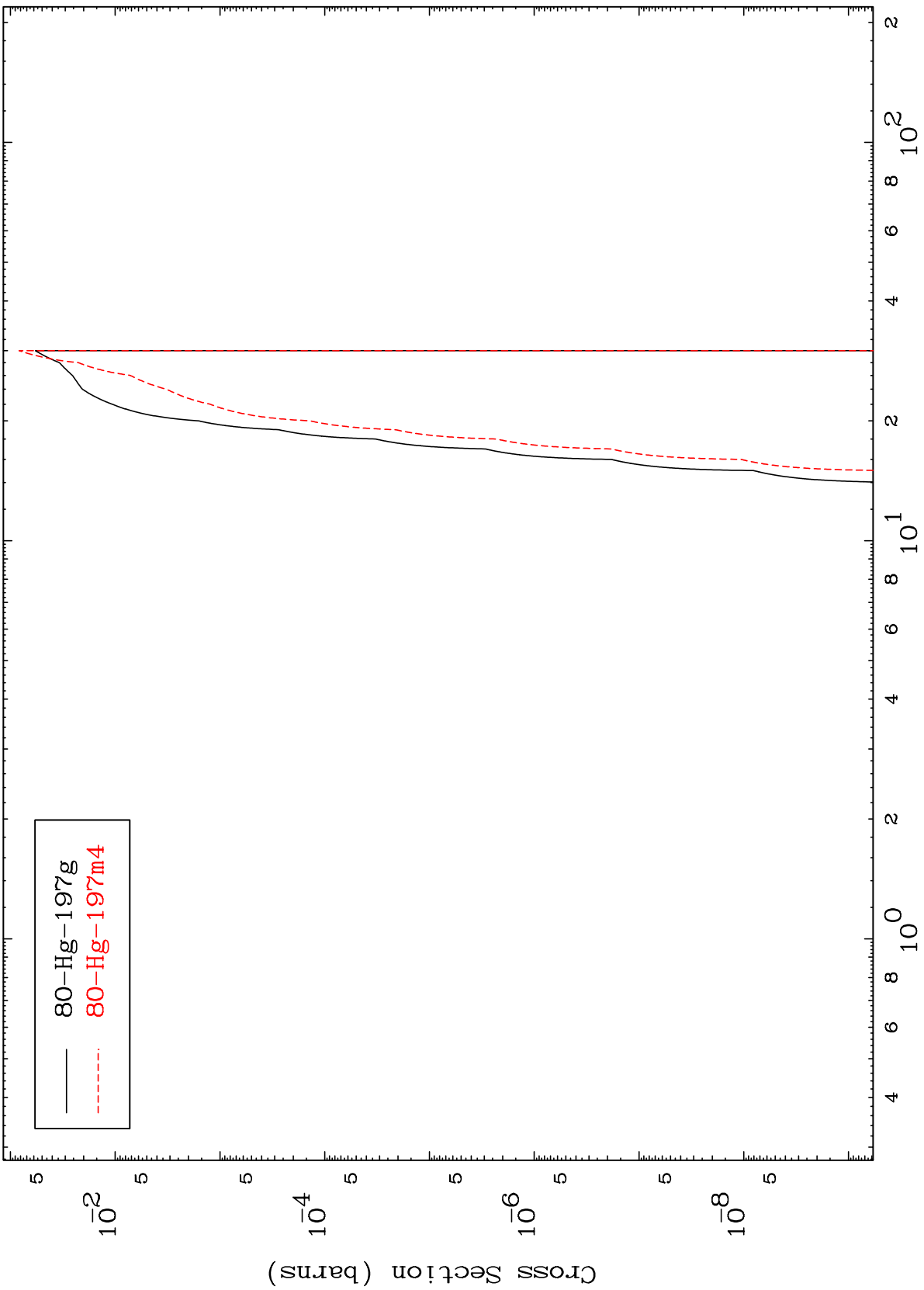
80-Hg-197

MAT 8028

(α, α)

80-Hg-197

Radionuclide Production Cross Section



17

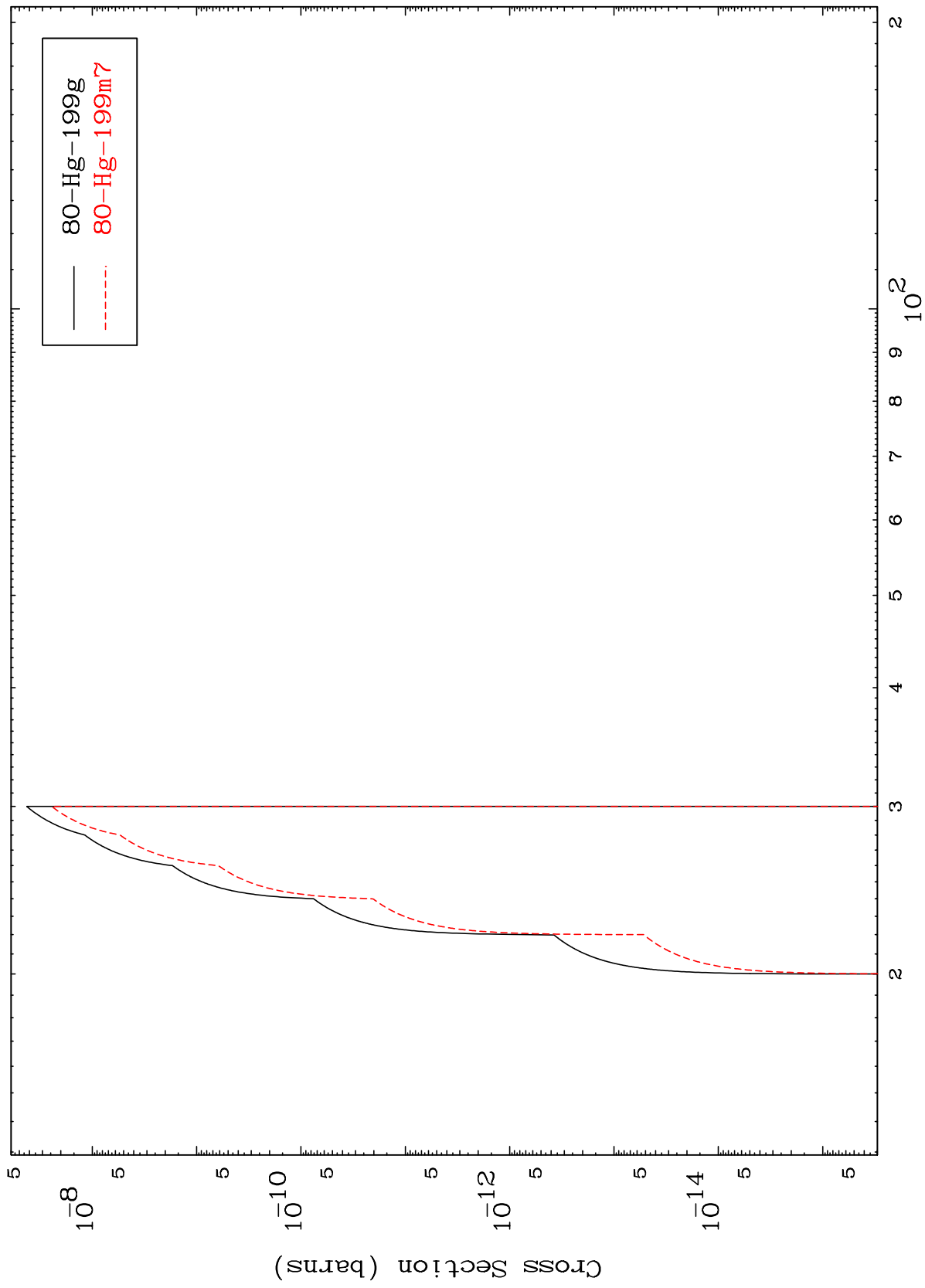
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

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



18

Incident Energy (MeV)

80-Hg-197