

Program EVALPLOT
(Version 2018-1)

by

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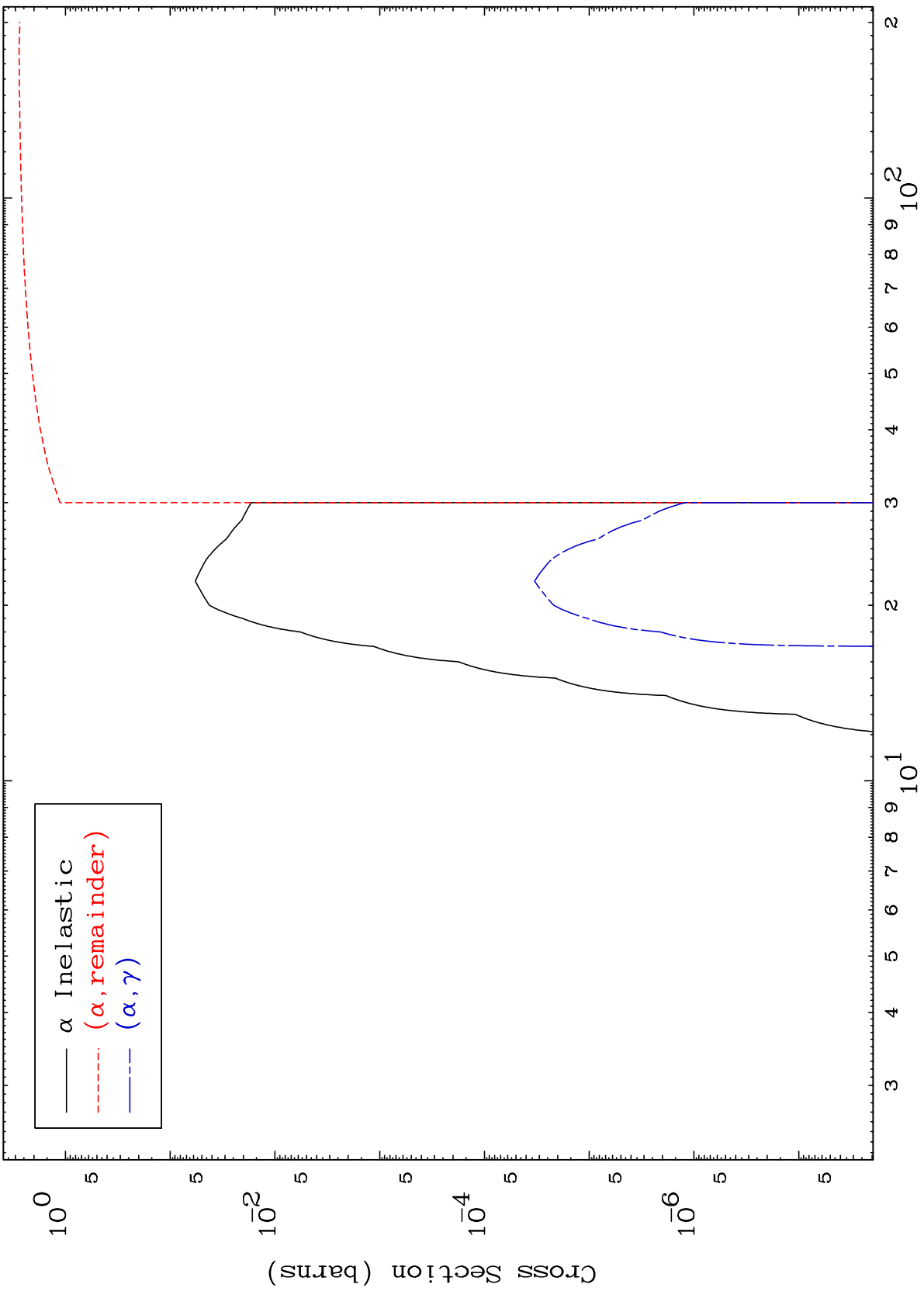
Press Mouse Button to Start

MAT 8034

α Major

80-Hg-199

0 Kelvin Cross Sections

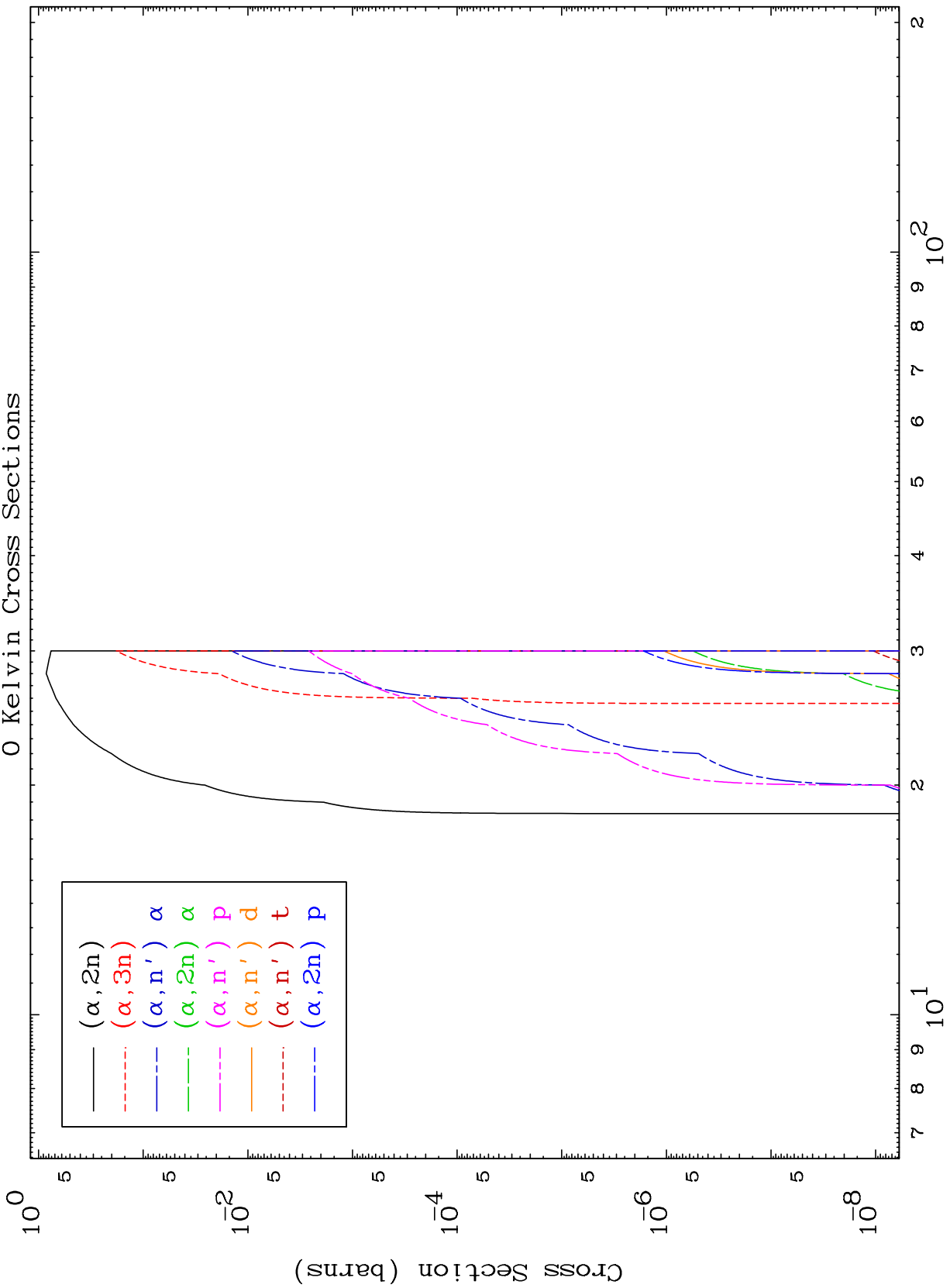


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 8034

α Neutron Production
0 Kelvin Cross Sections

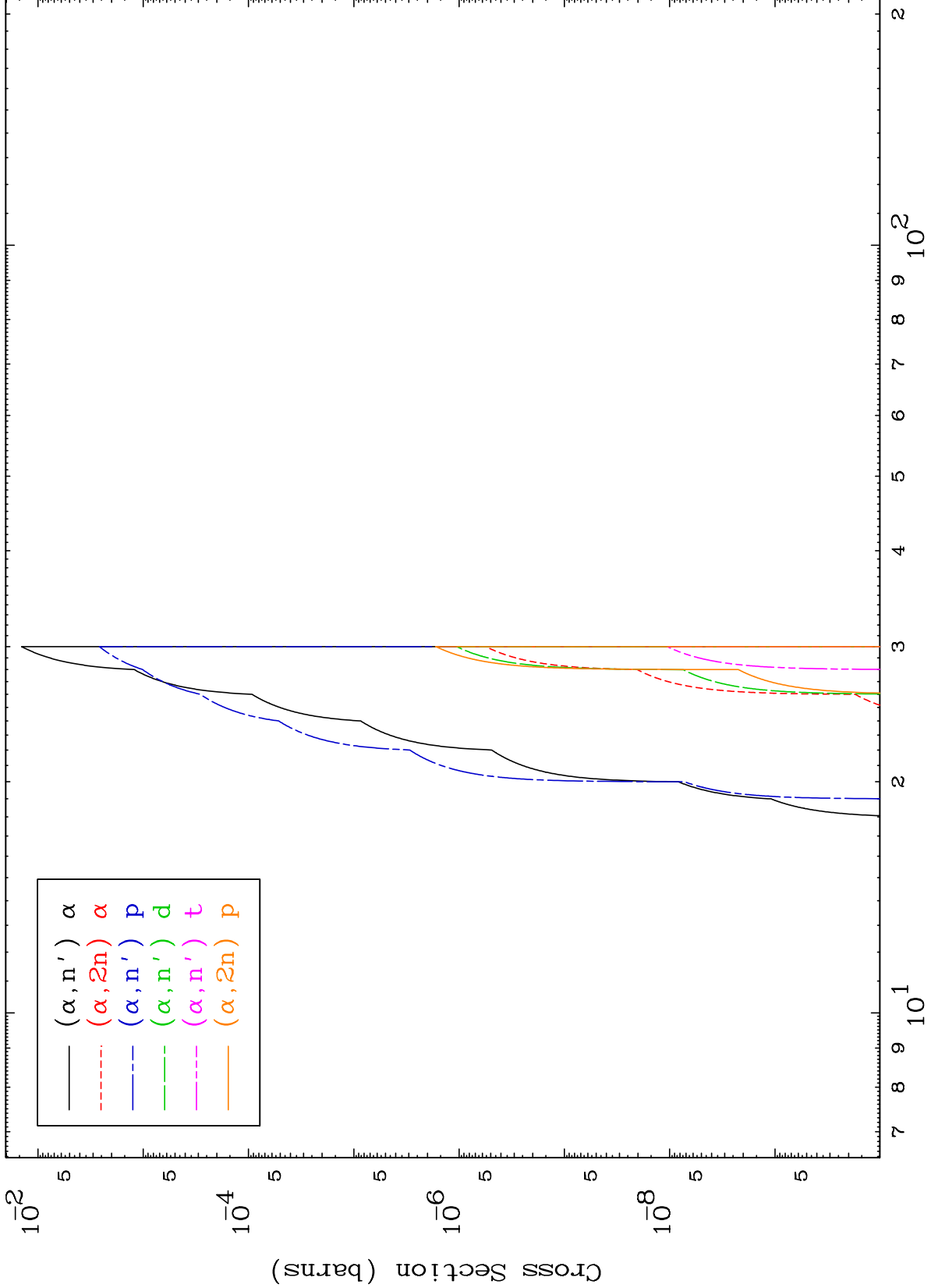
80-Hg-199



2

Incident Energy (MeV)

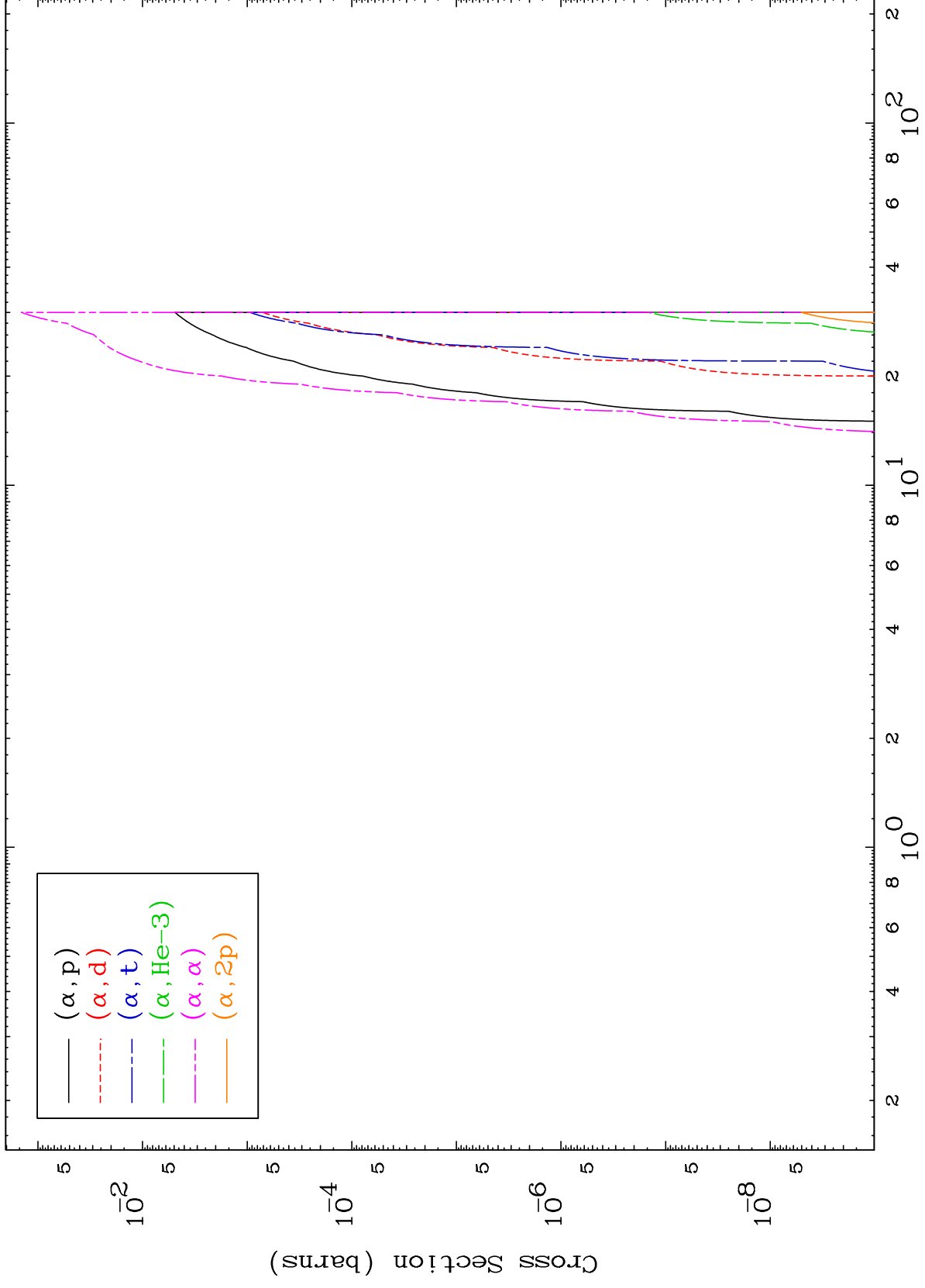
80-Hg-199



MAT 8034

α Charged Particle
0 Kelvin Cross Sections

80-Hg-199

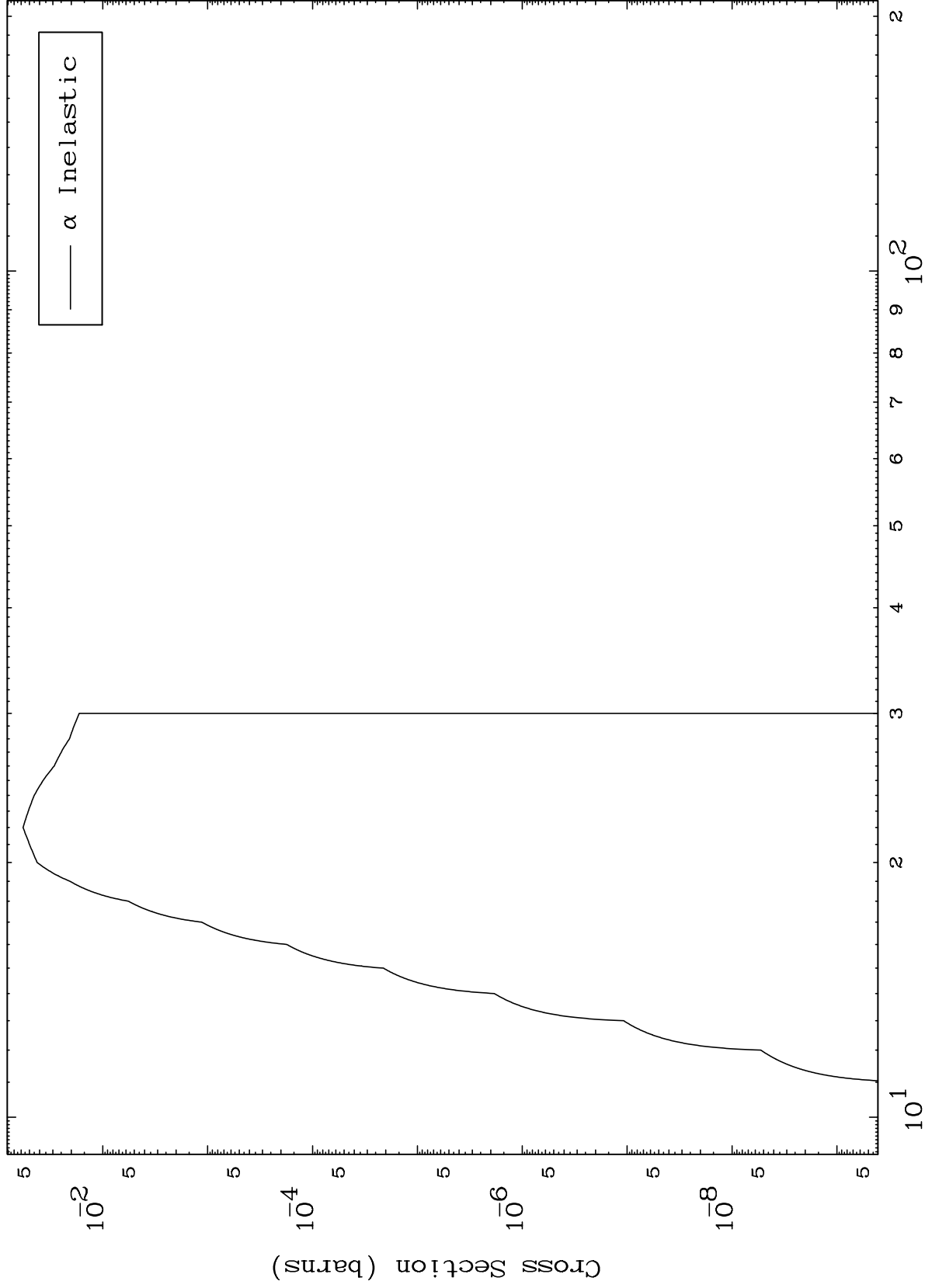


MAT 8034

(α, n') Level

80-Hg-199

0 Kelvin Cross Sections



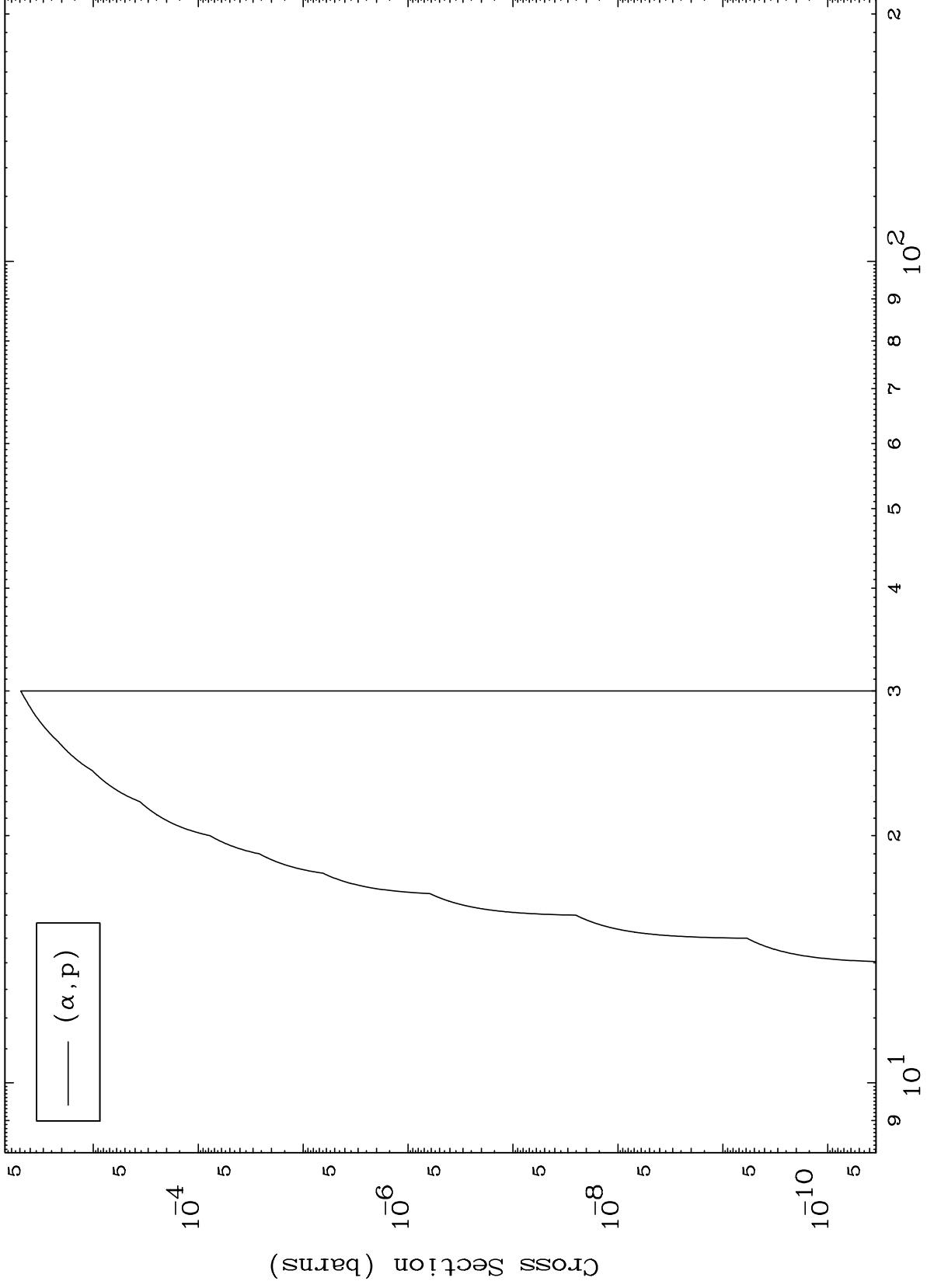
Incident Energy (MeV)

80-Hg-199

MAT 8034

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-199



6

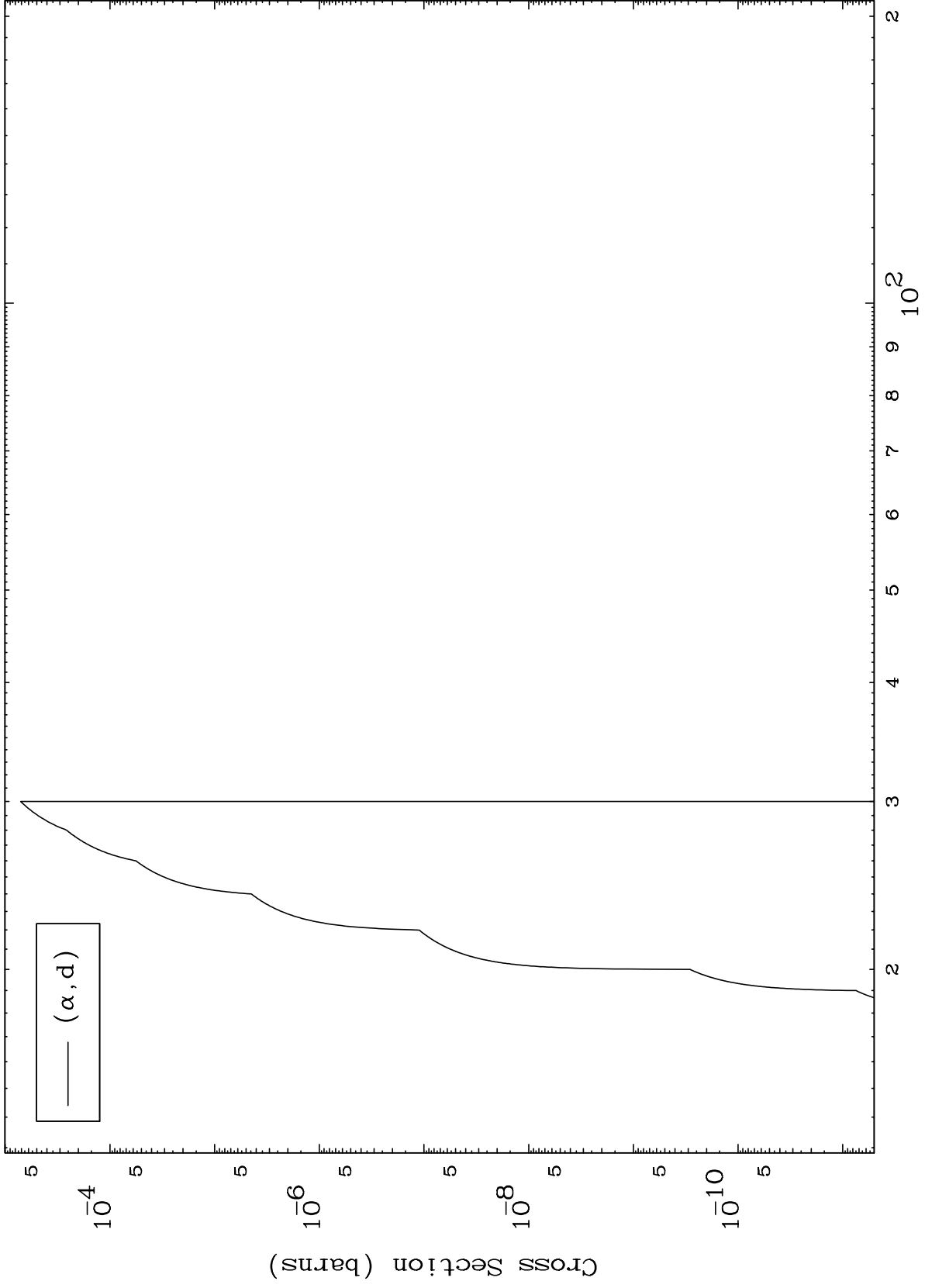
Incident Energy (MeV)

80-Hg-199

MAT 8034

(α, d) Levels
0 Kelvin Cross Sections

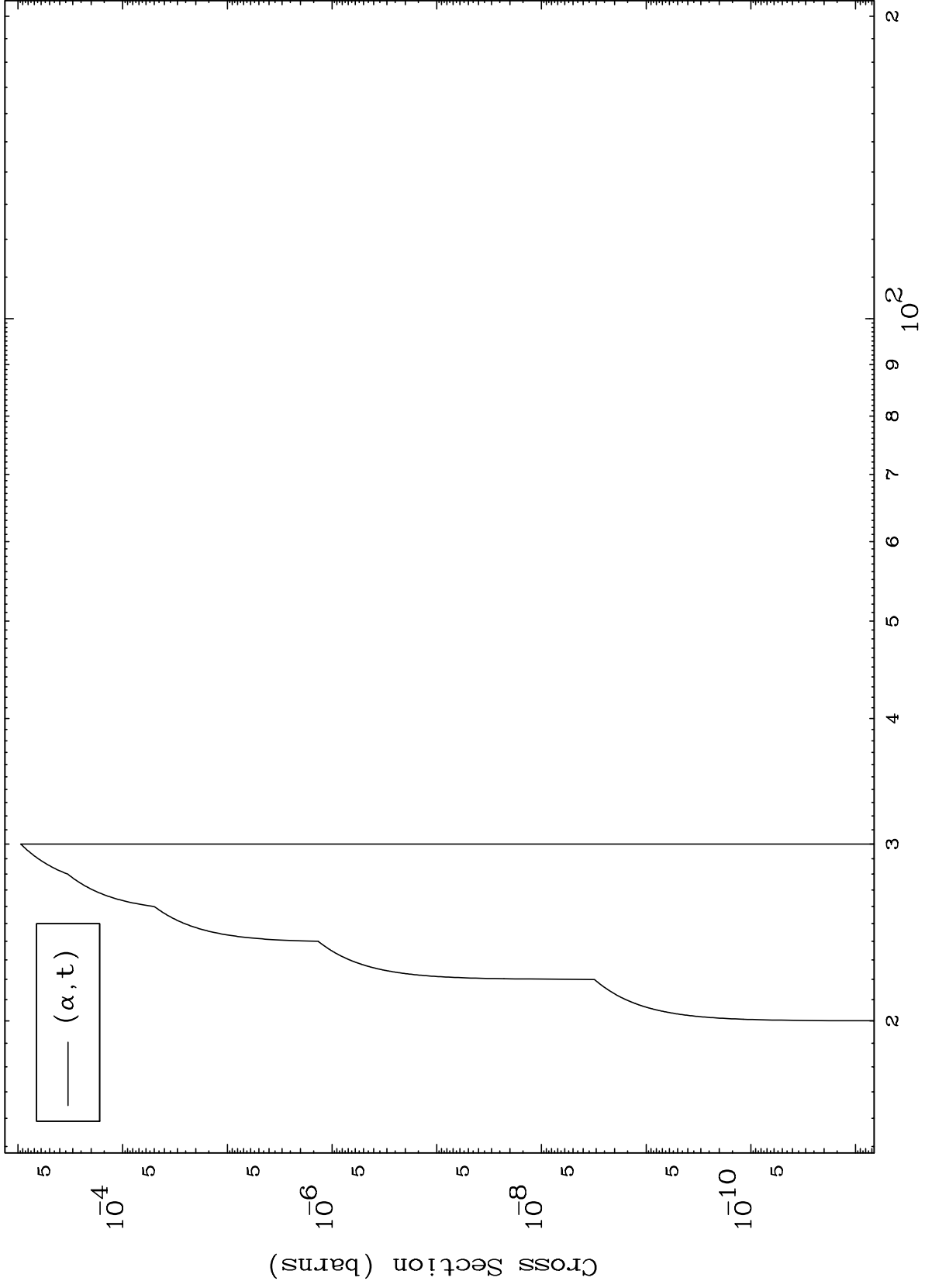
80-Hg-199



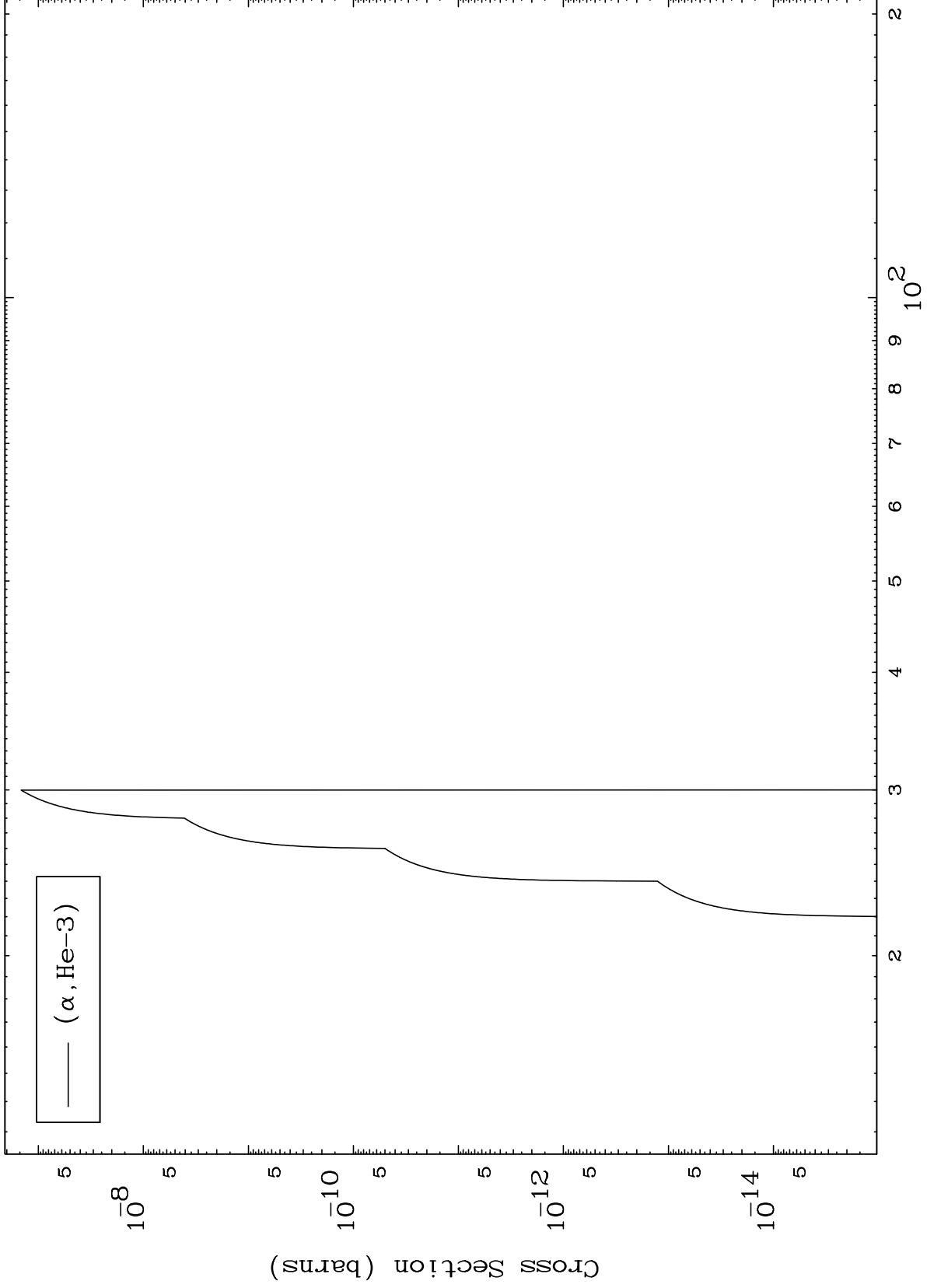
7

Incident Energy (MeV)

80-Hg-199



($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

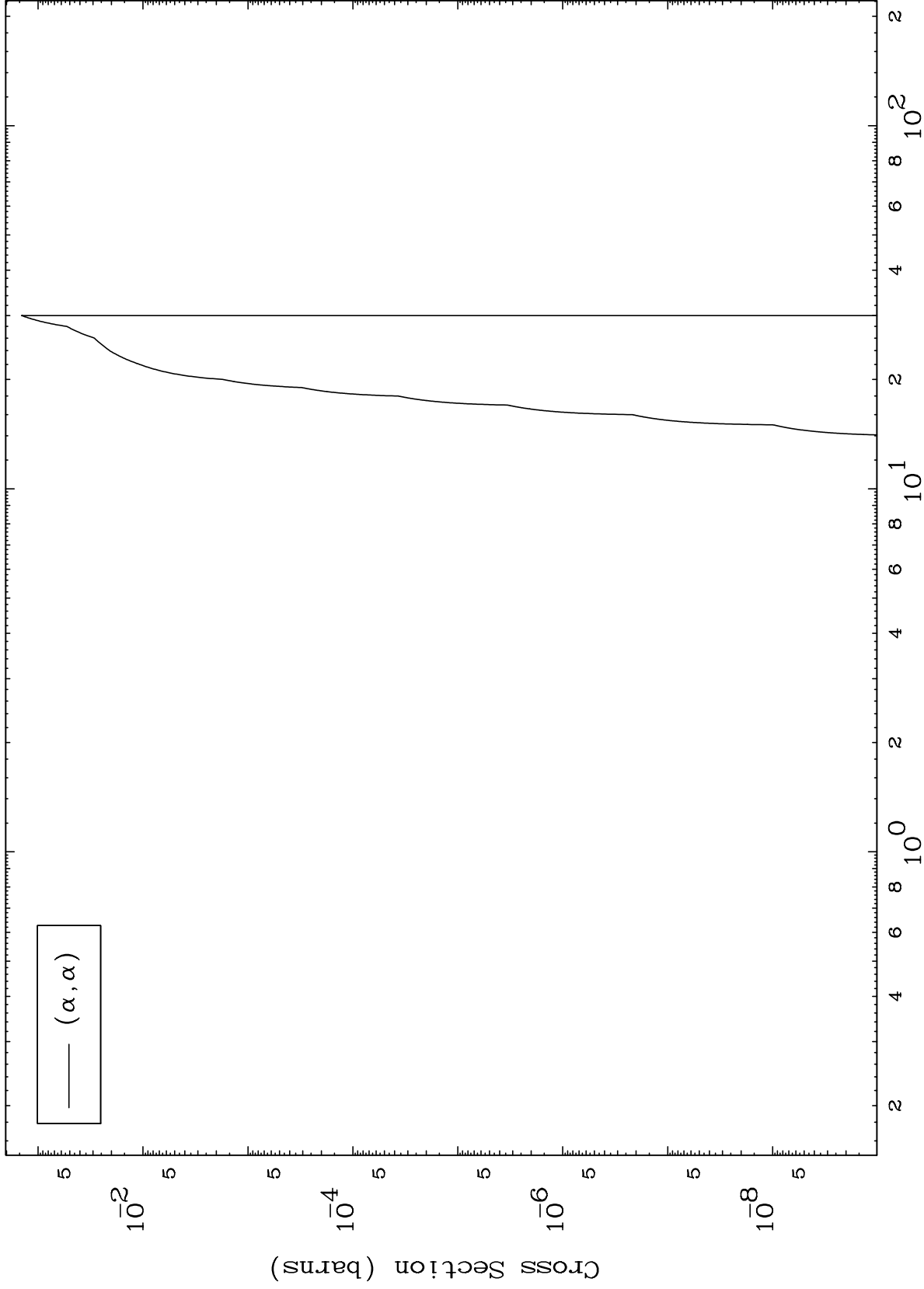


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(α, α) Levels

80-Hg-199

0 Kelvin Cross Sections

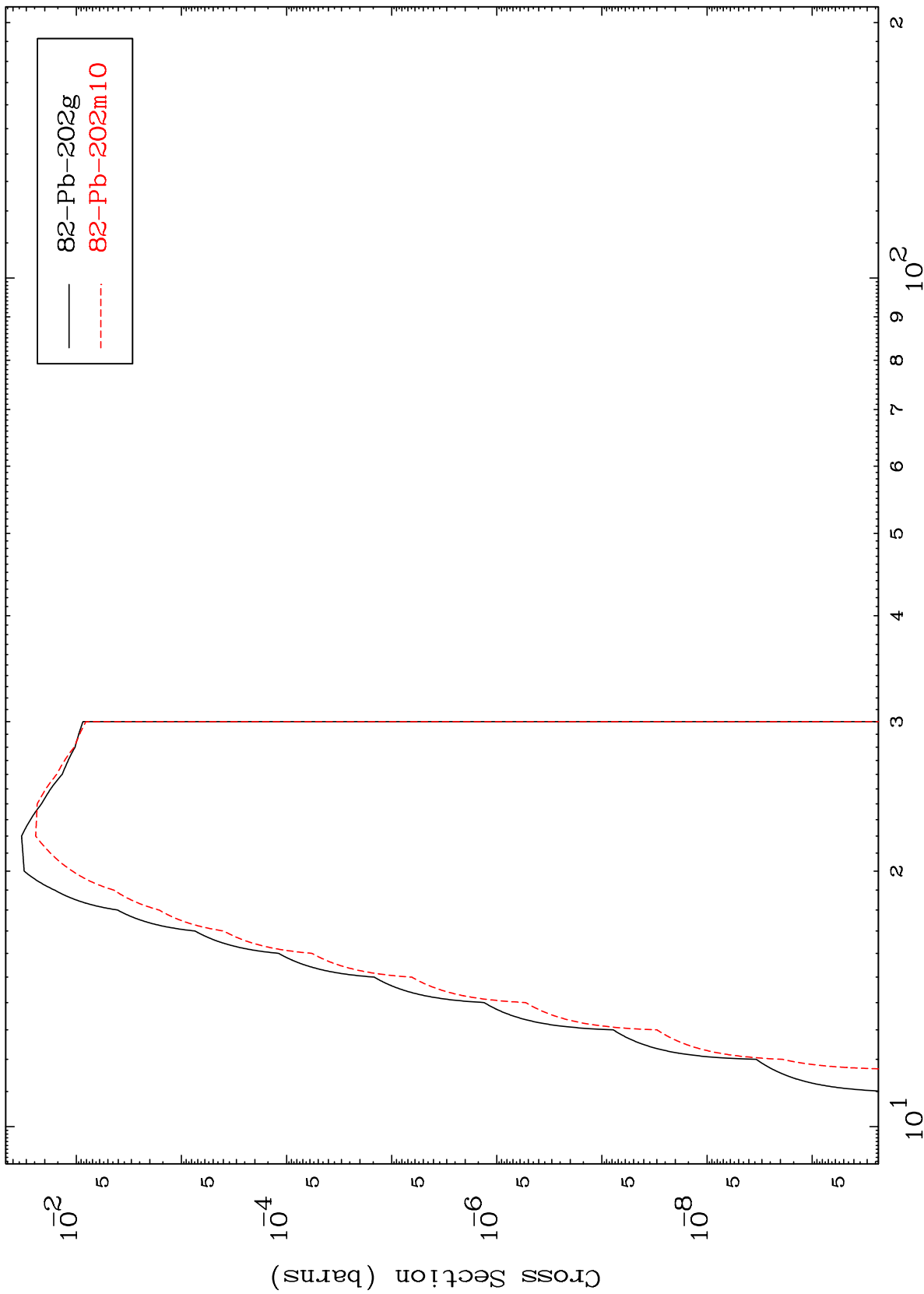


10

Incident Energy (MeV)

80-Hg-199

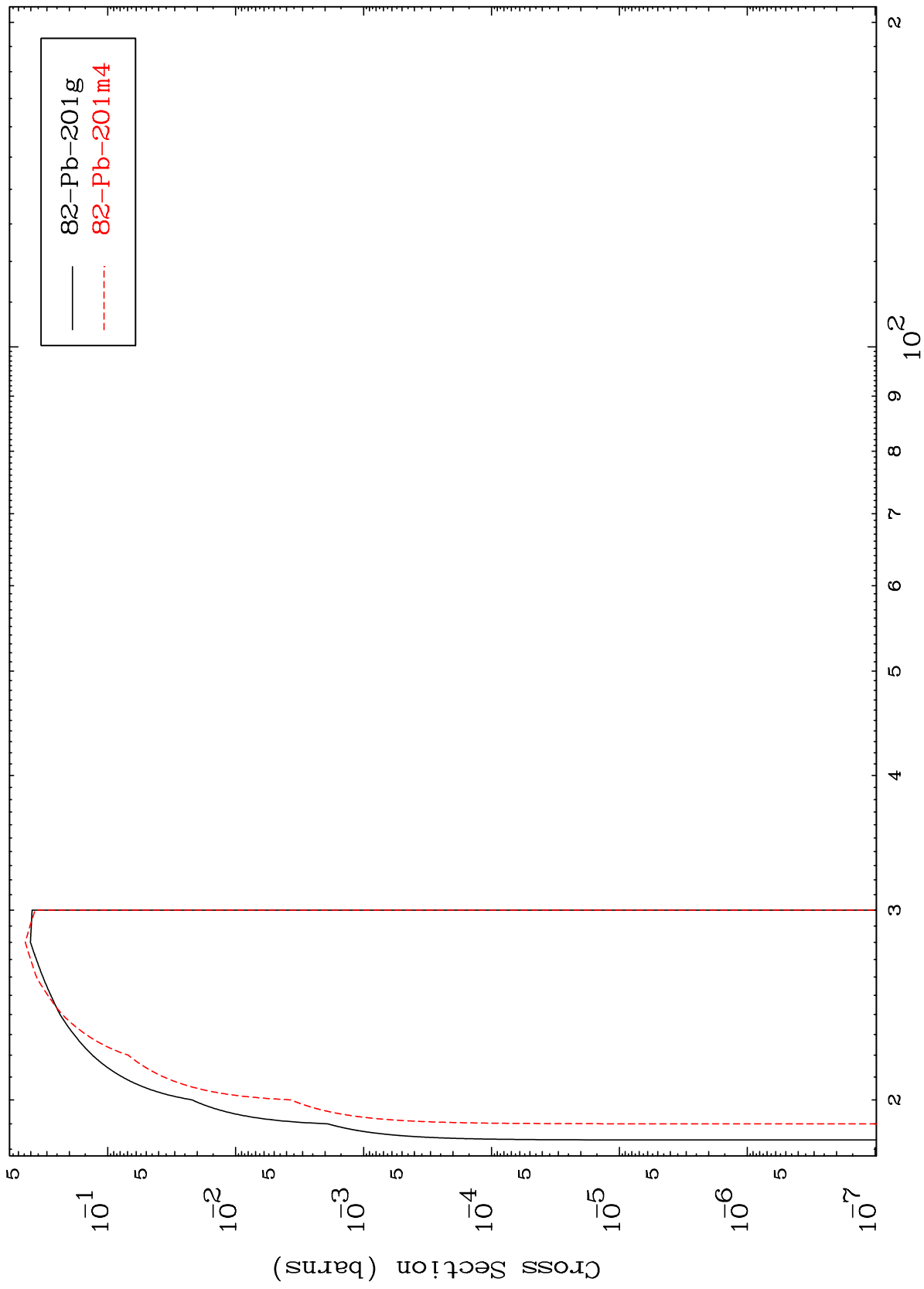
Radionuclide Production Cross Section
 α Inelastic



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80-Hg-199

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



12

Incident Energy (MeV)

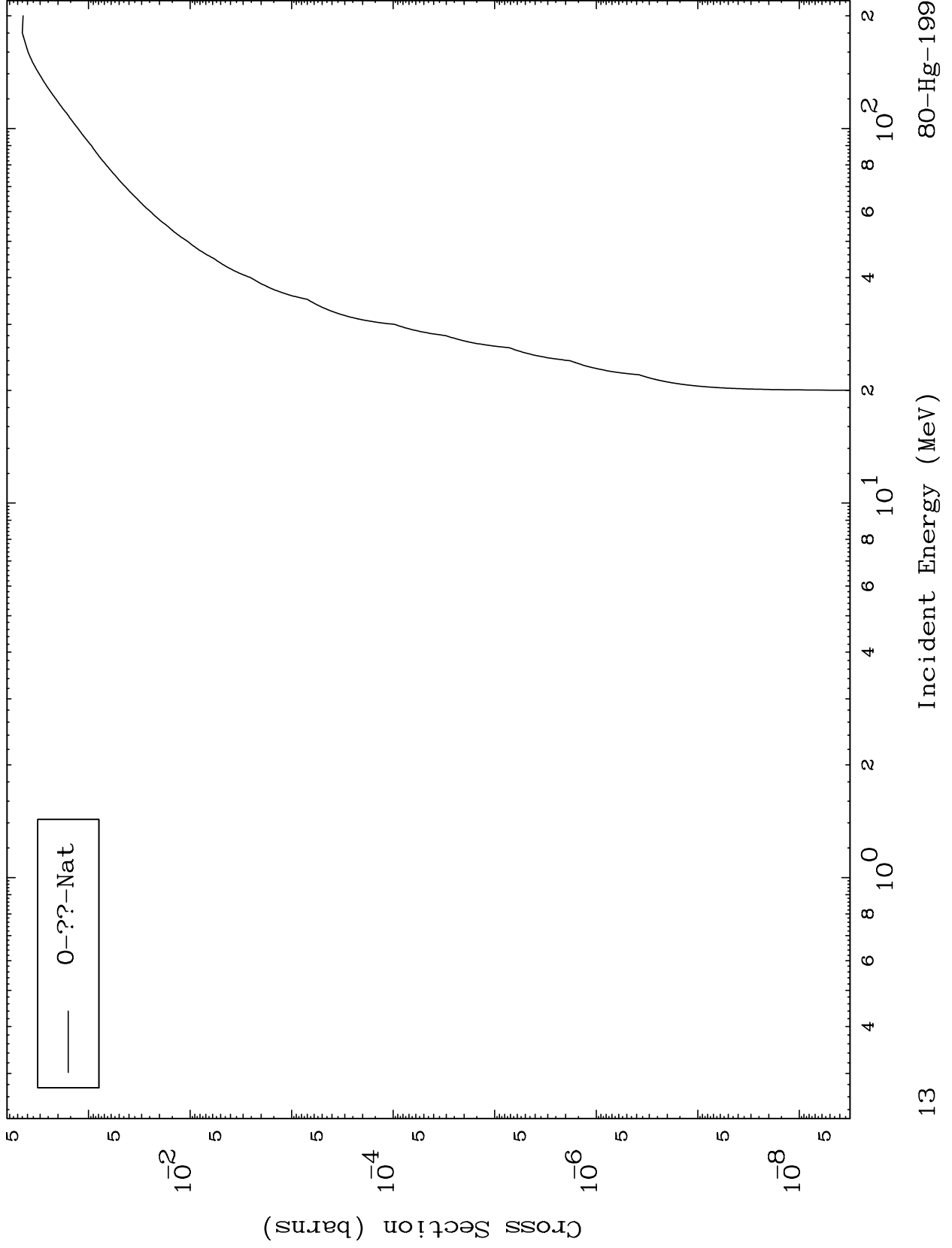
80-Hg-199

MAT 8034

α Fission

80-Hg-199

Radionuclide Production Cross Section

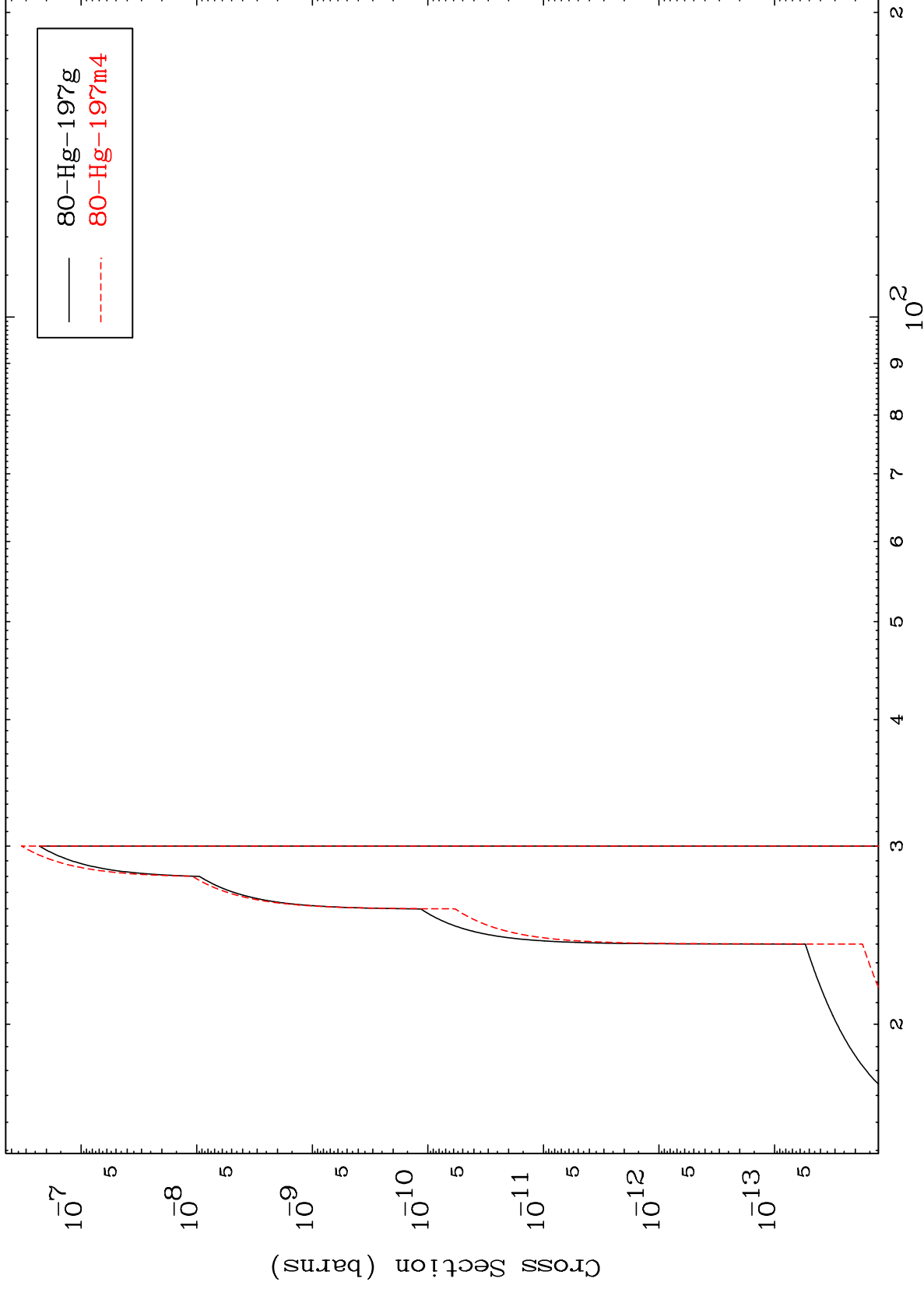


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$(\alpha, 2n) \alpha$

80-Hg-199

Radionuclide Production Cross Section



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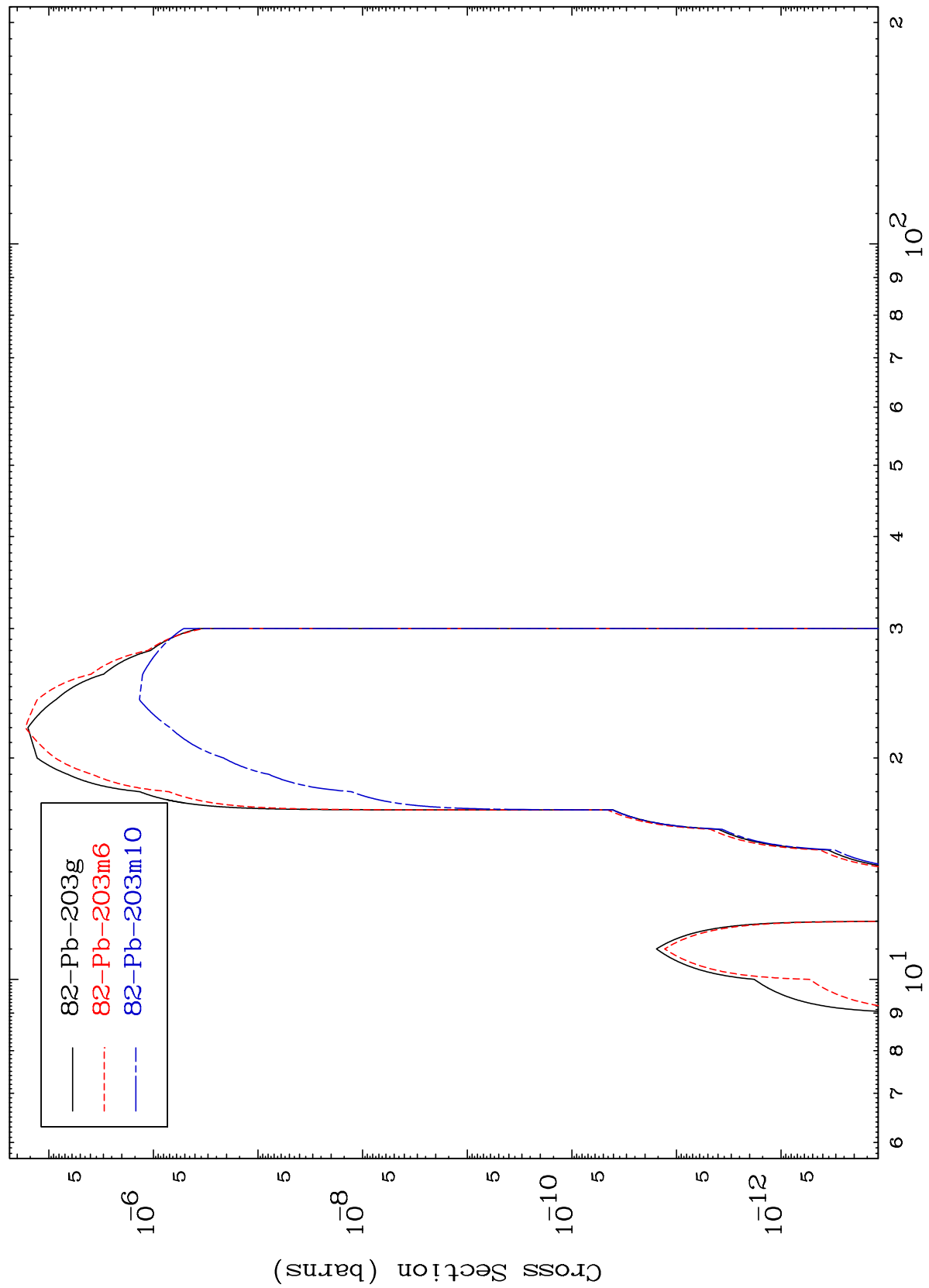
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

Radionuclide Production Cross Section
(α, γ)



80-Hg-199

Incident Energy (MeV)

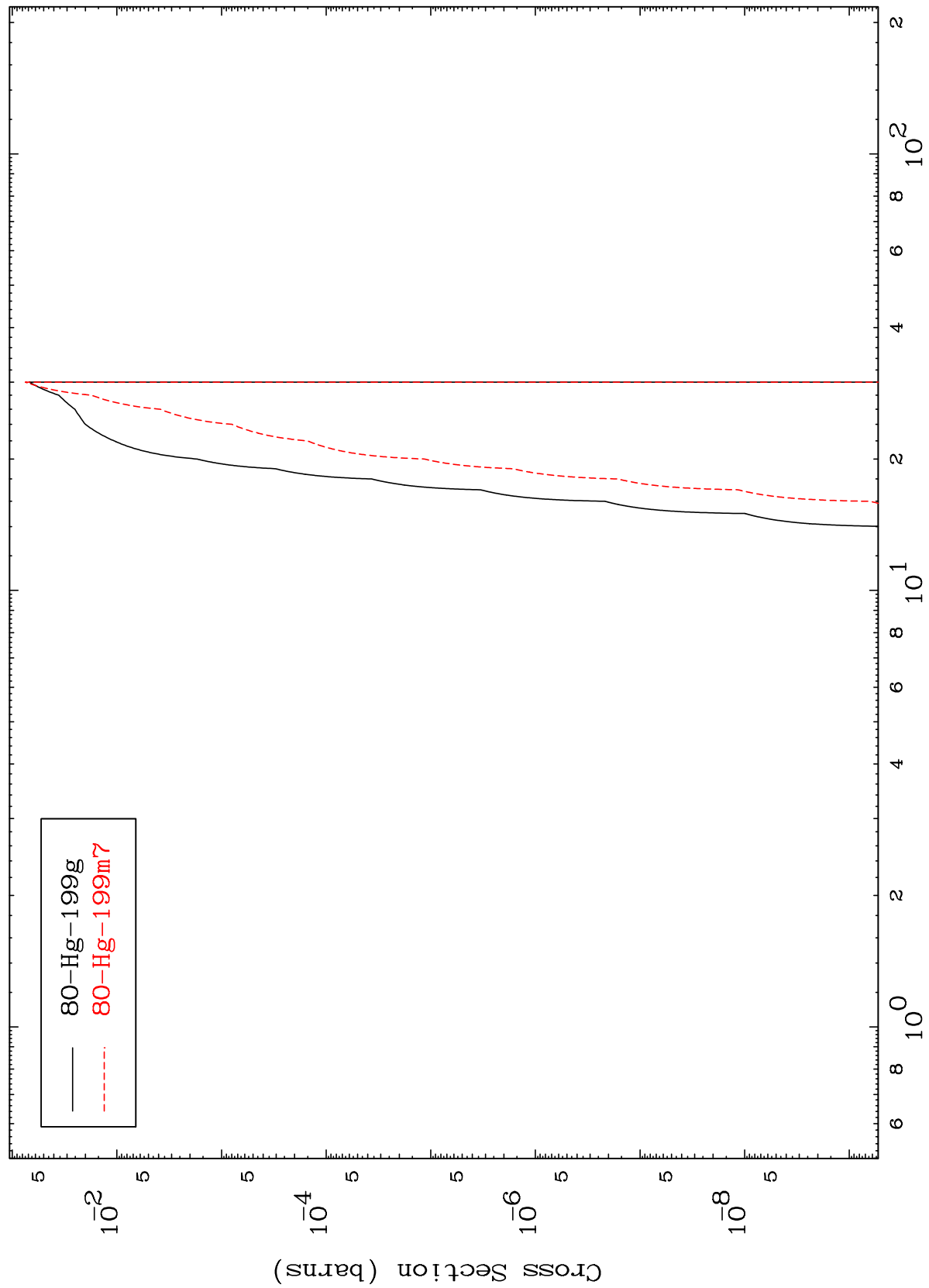
15

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(α, α)

80-Hg-199

Radionuclide Production Cross Section



80-Hg-199g
80-Hg-199m7

16

Incident Energy (MeV)

80-Hg-199