

Program EVALPLOT
(Version 2018-1)

by

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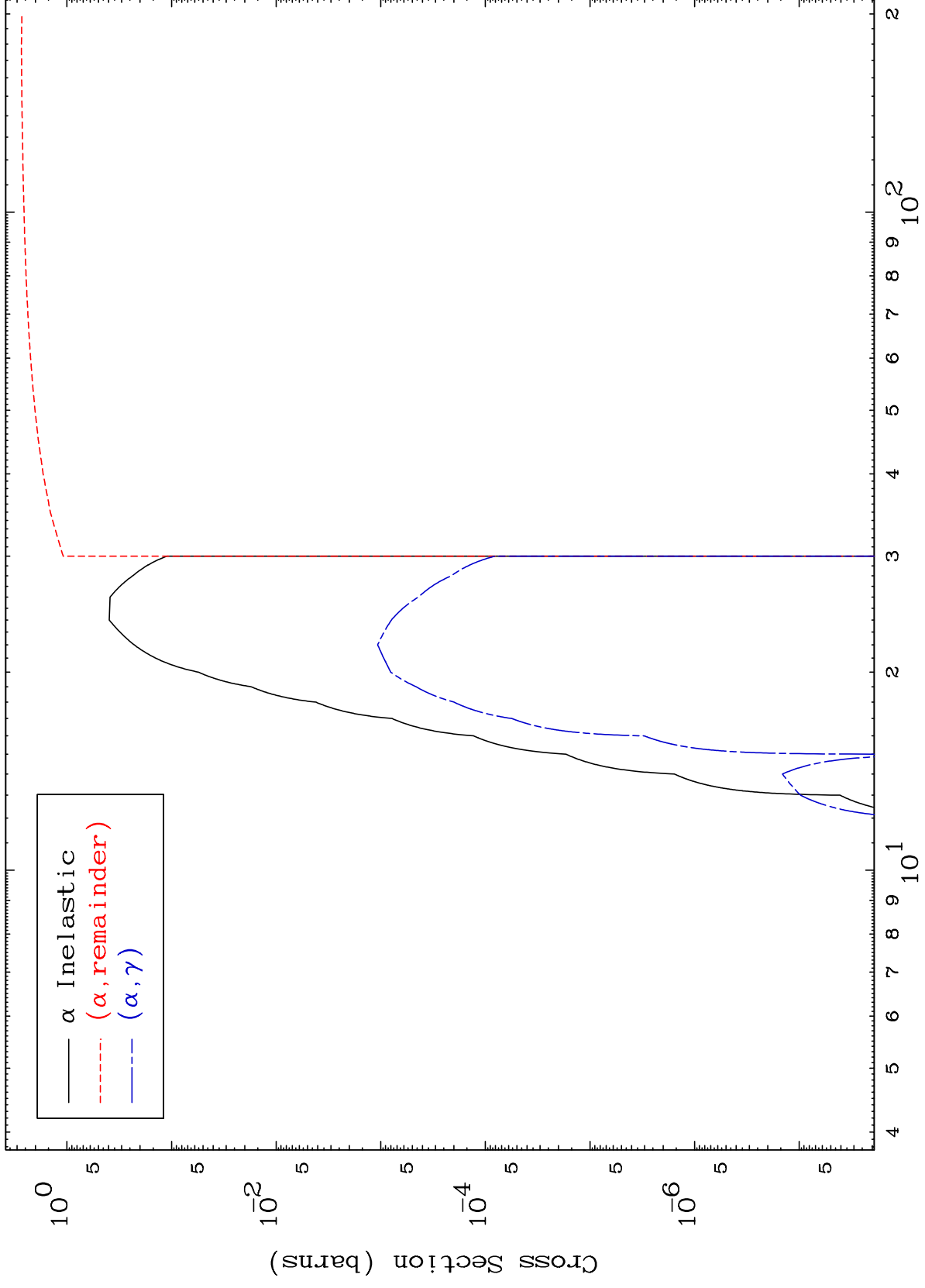
Press Mouse Button to Start

MAT 8016

α Major

80-Hg-193

0 Kelvin Cross Sections

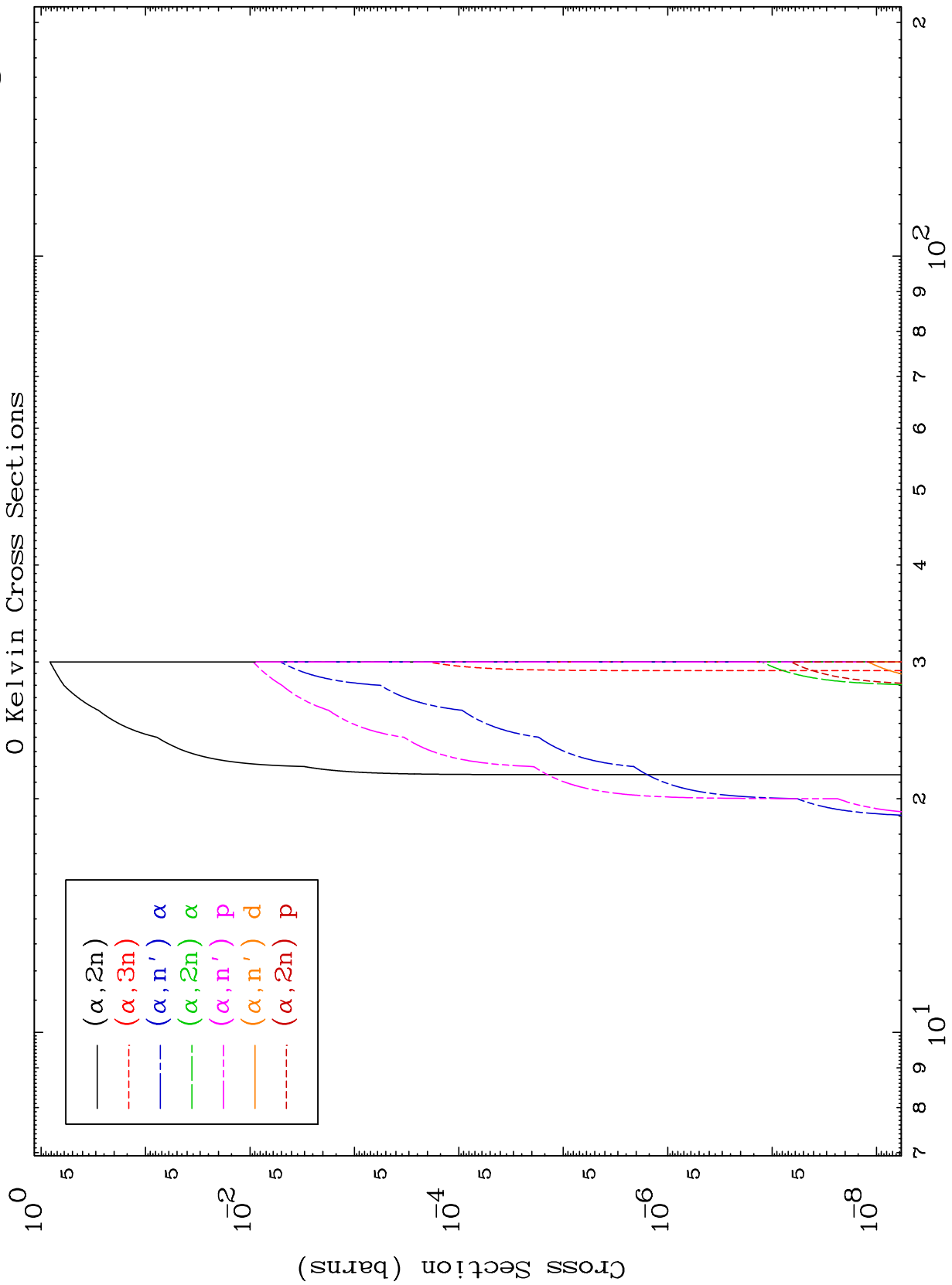


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 8016

α Neutron Production
0 Kelvin Cross Sections

80-Hg-193



2

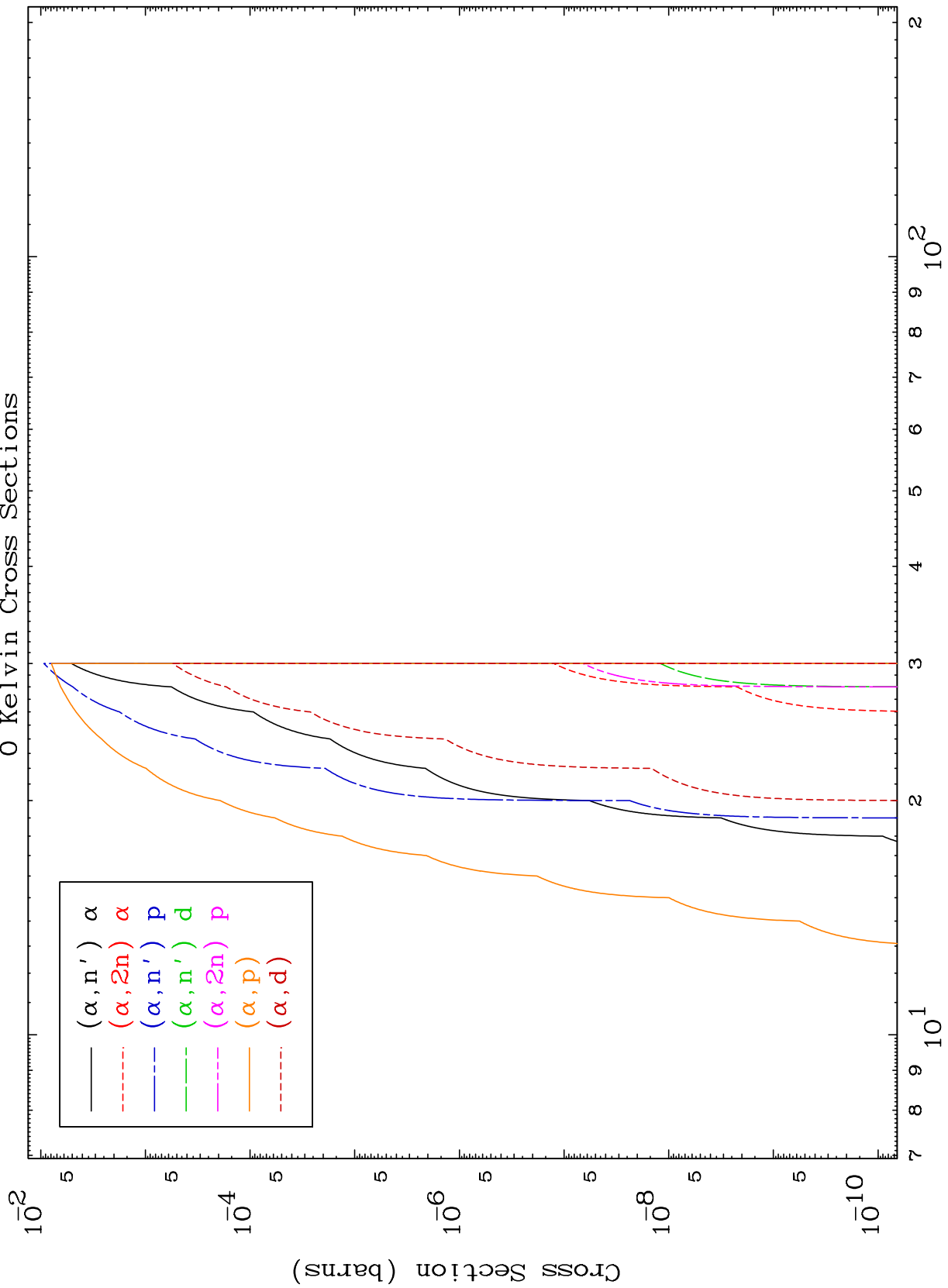
Incident Energy (MeV)

80-Hg-193

MAT 8016

α Charged Particle
0 Kelvin Cross Sections

80-Hg-193



Incident Energy (MeV)

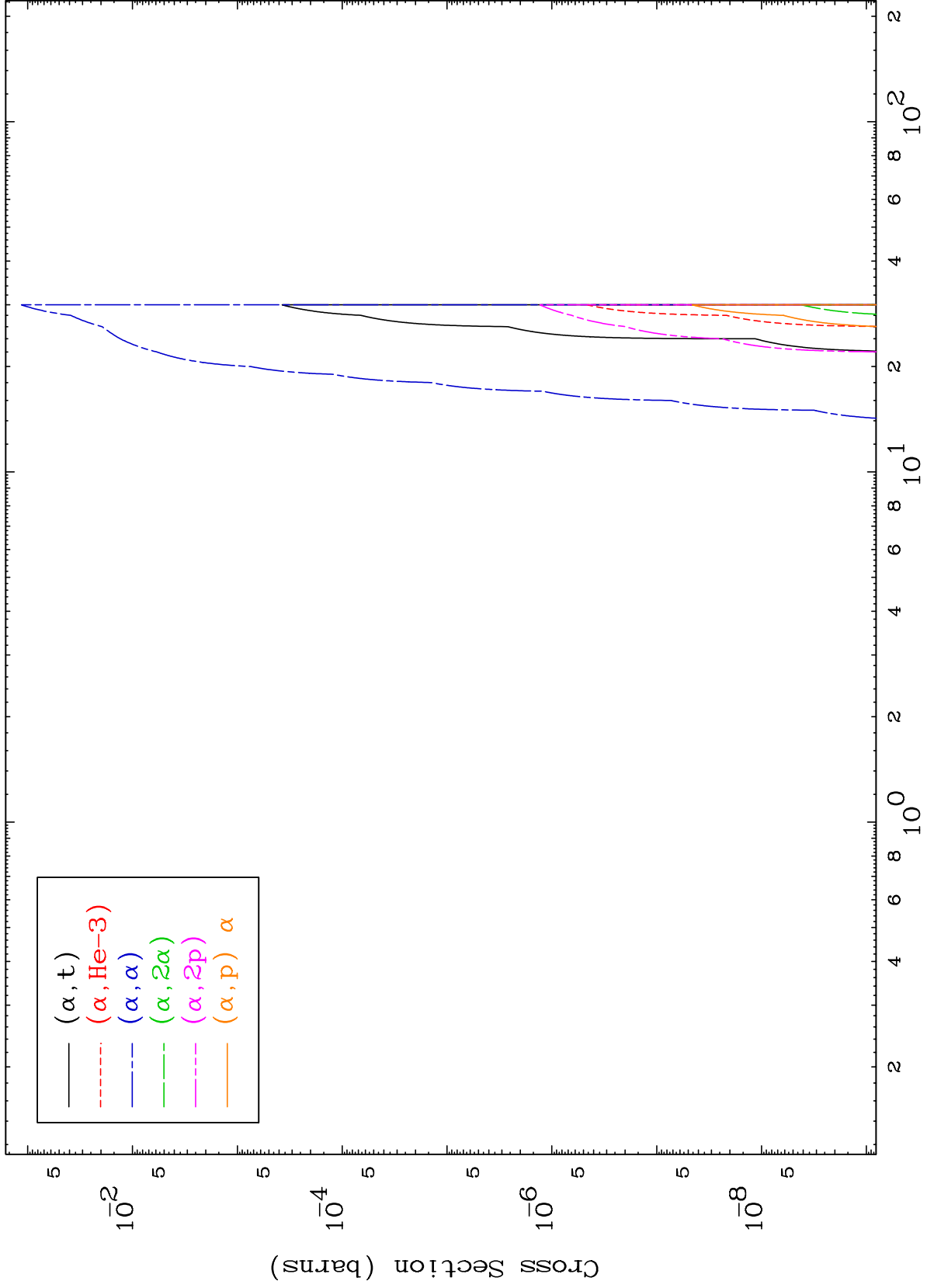
80-Hg-193

3

MAT 8016

α Charged Particle
0 Kelvin Cross Sections

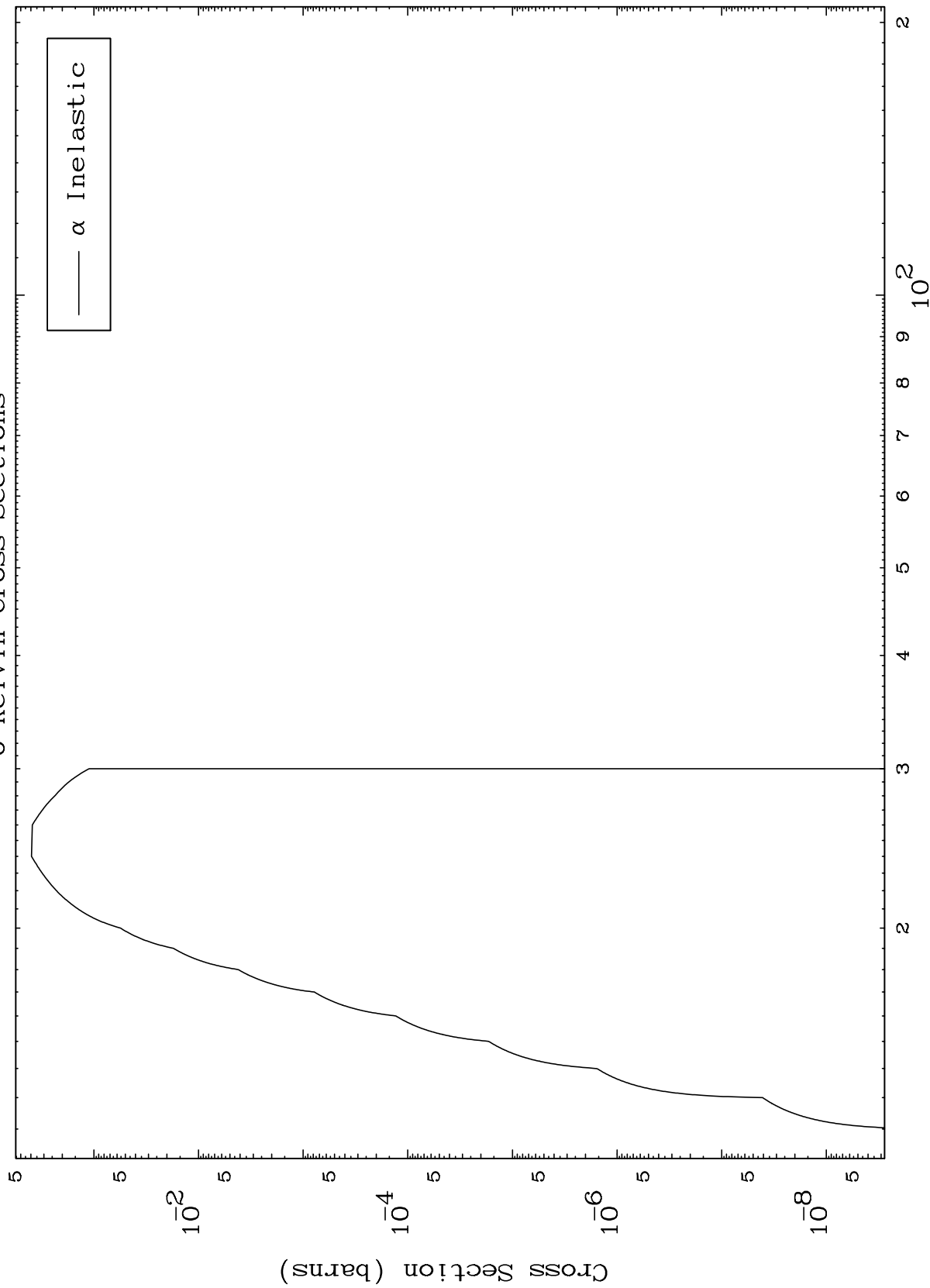
80-Hg-193



MAT 8016

80-Hg-193

(α, n') Level
0 Kelvin Cross Sections



80-Hg-193

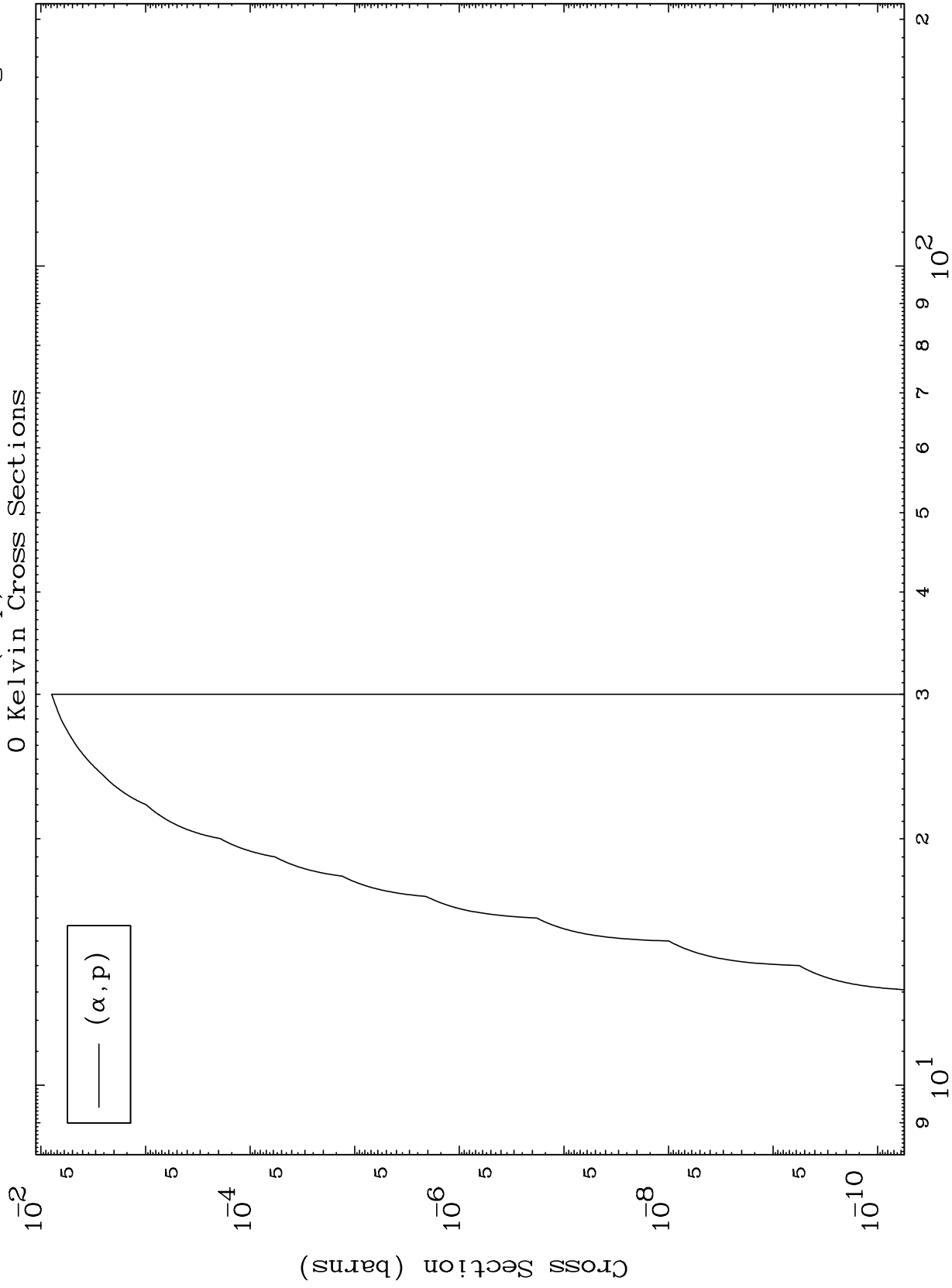
Incident Energy (MeV)

5

MAT 8016

(α, p) Levels

80-Hg-193



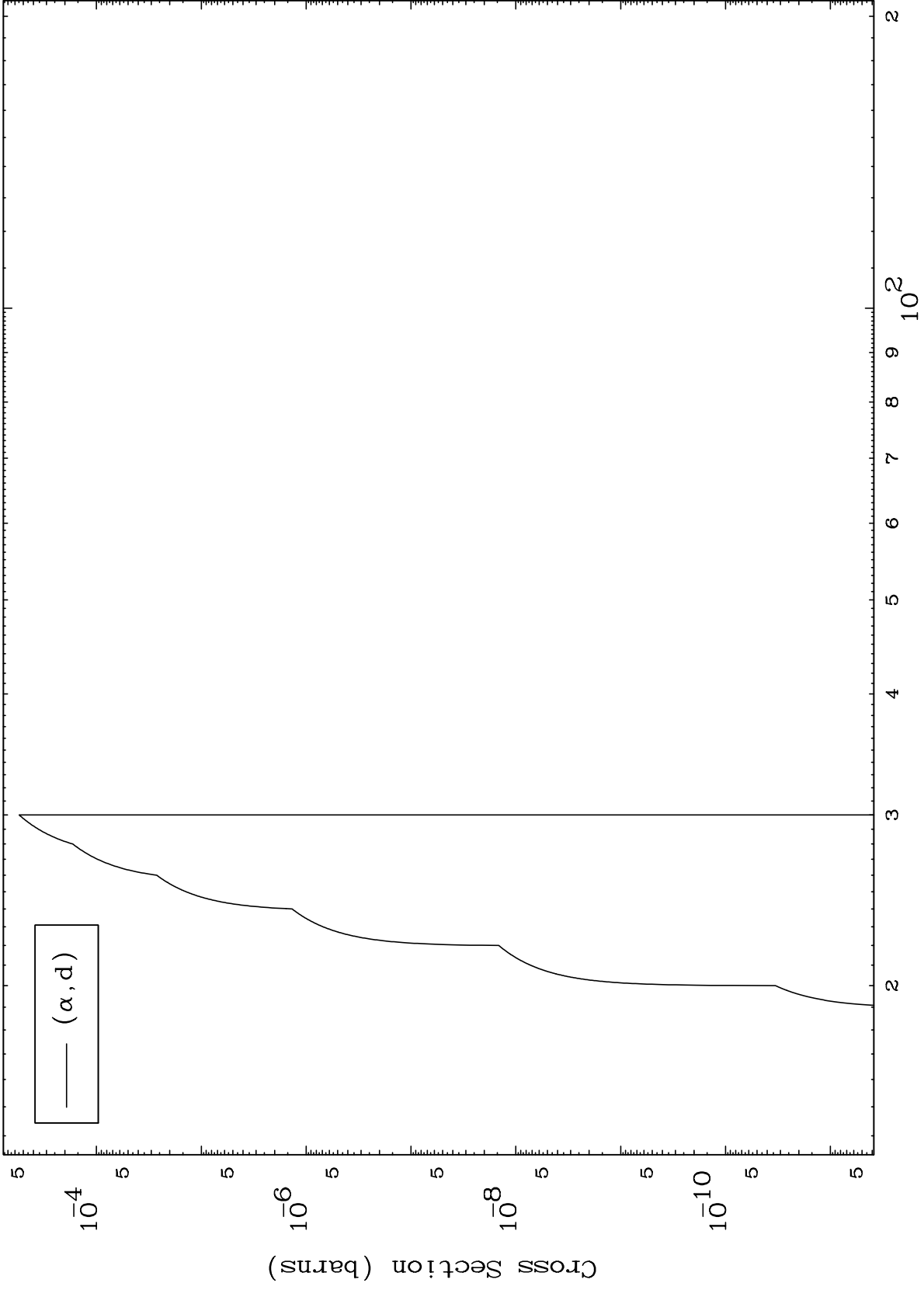
80-Hg-193

80-Hg-193

MAT 8016

(α, d) Levels
0 Kelvin Cross Sections

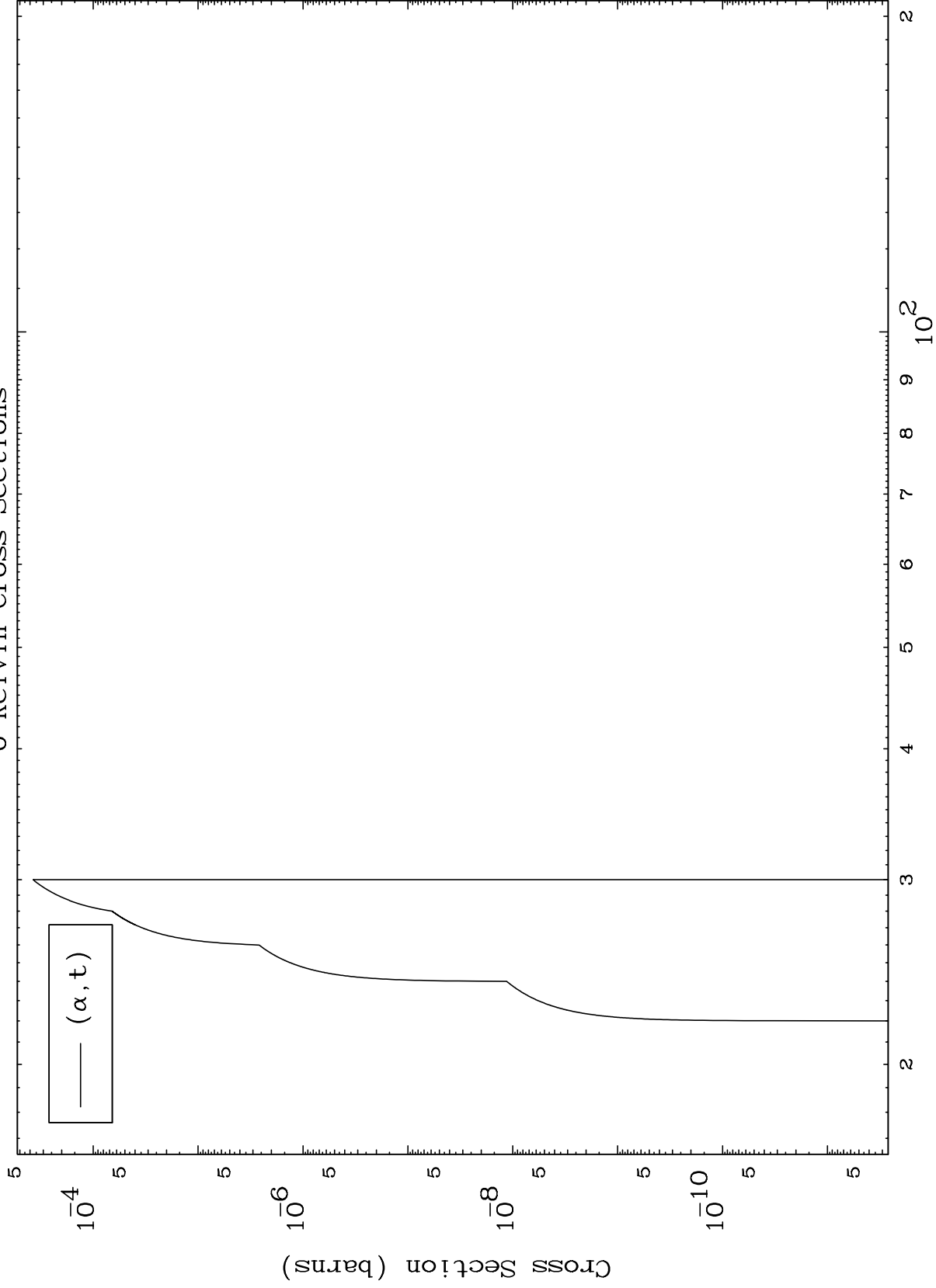
80-Hg-193



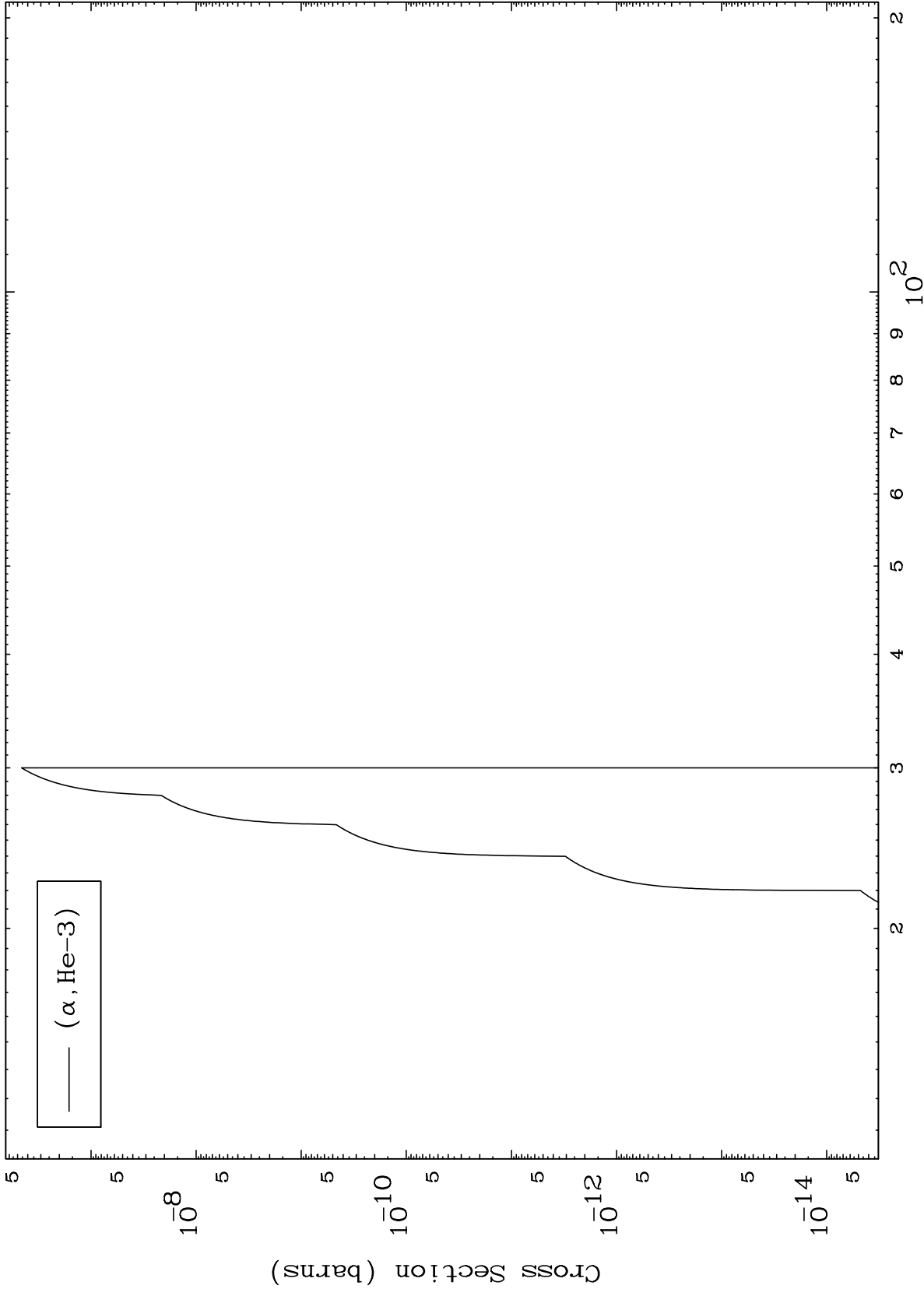
7

Incident Energy (MeV)

80-Hg-193



(α , He3) Levels
0 Kelvin Cross Sections

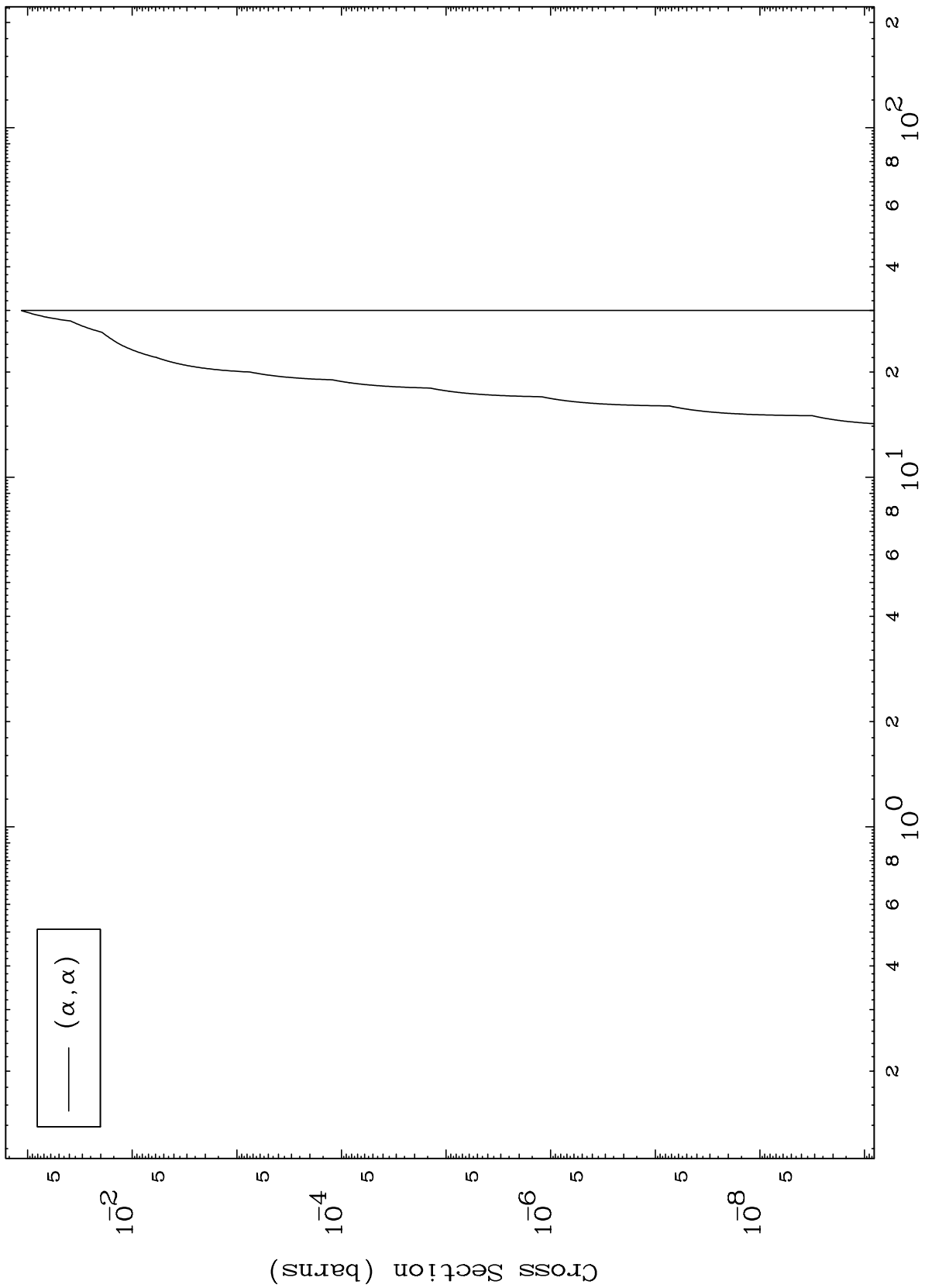


MAT 8016

(α, α) Levels

80-Hg-193

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

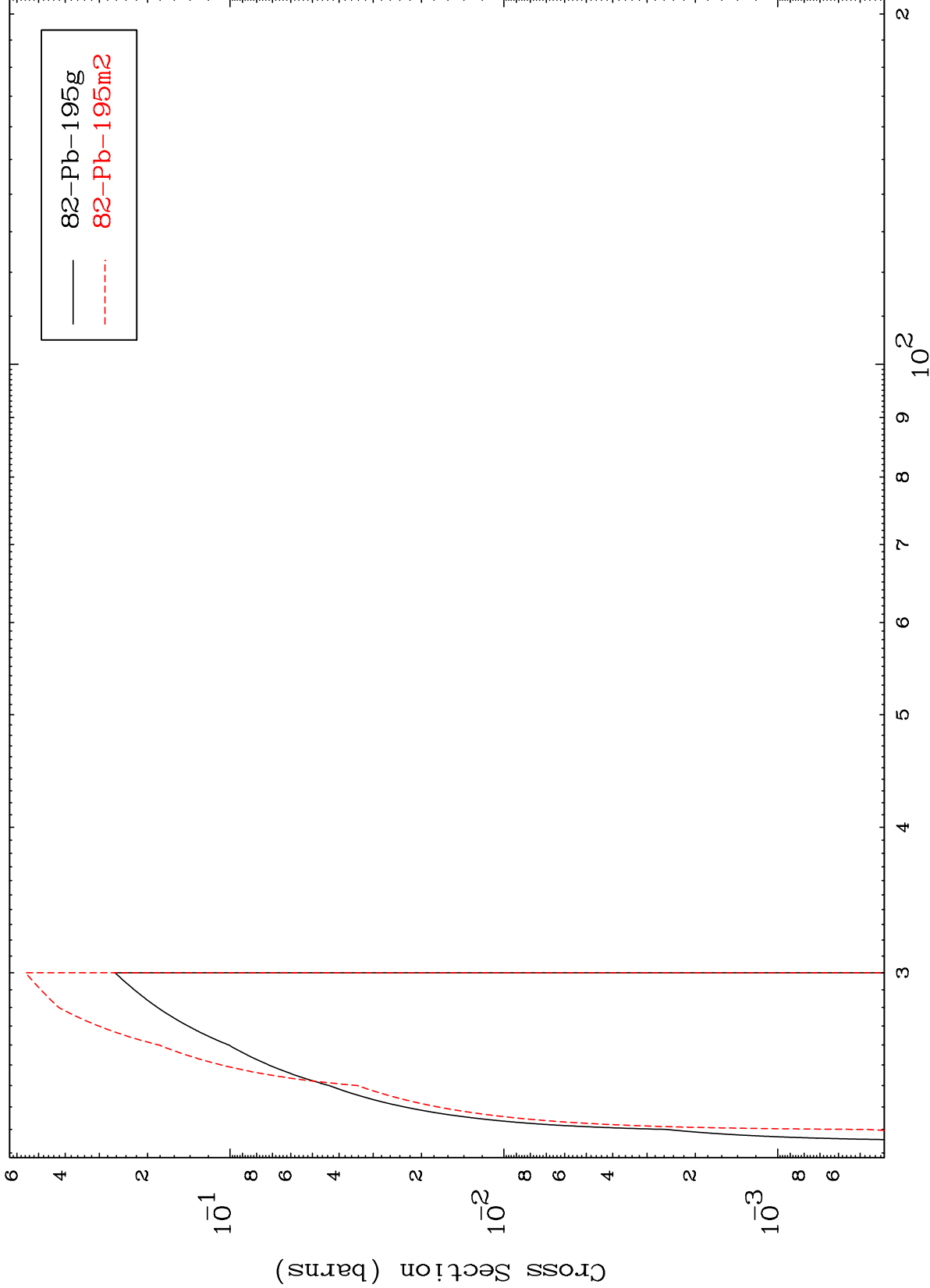
80-Hg-193

MAT 8016

($\alpha, 2n$)

80-Hg-193

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

11

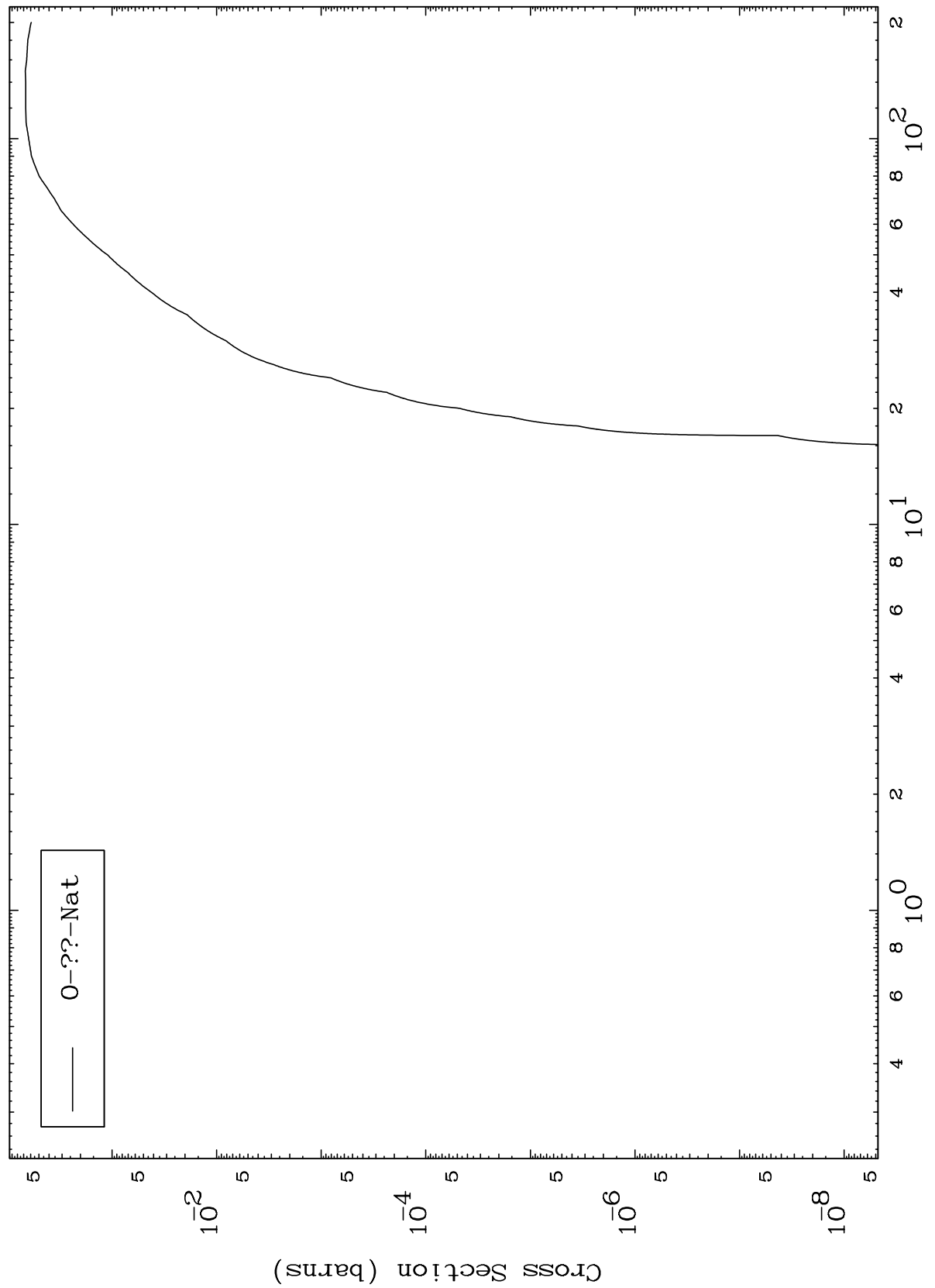
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

α Fission
Radionuclide Production Cross Section

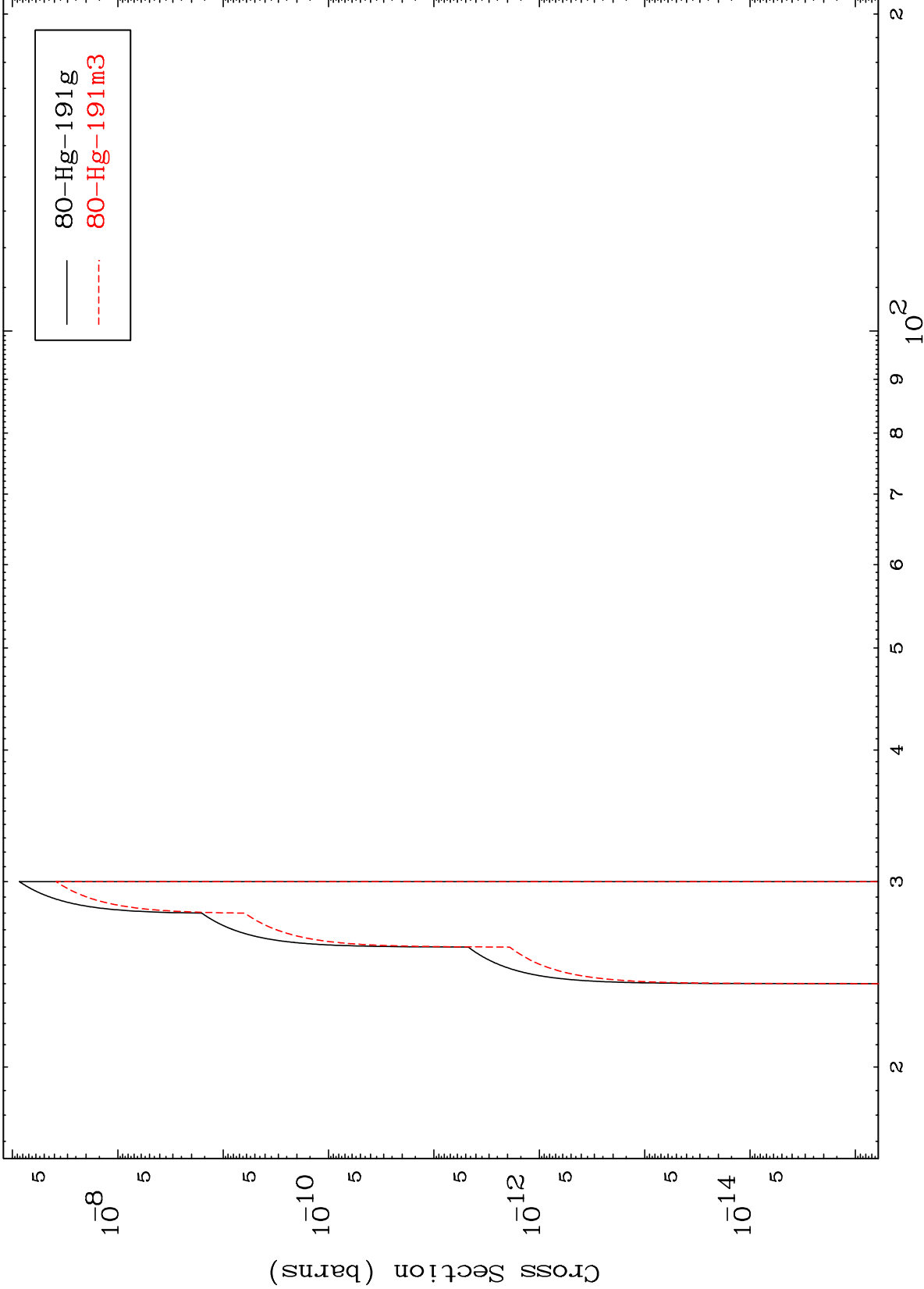


MAT 8016

$(\alpha, 2n) \alpha$

80-Hg-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

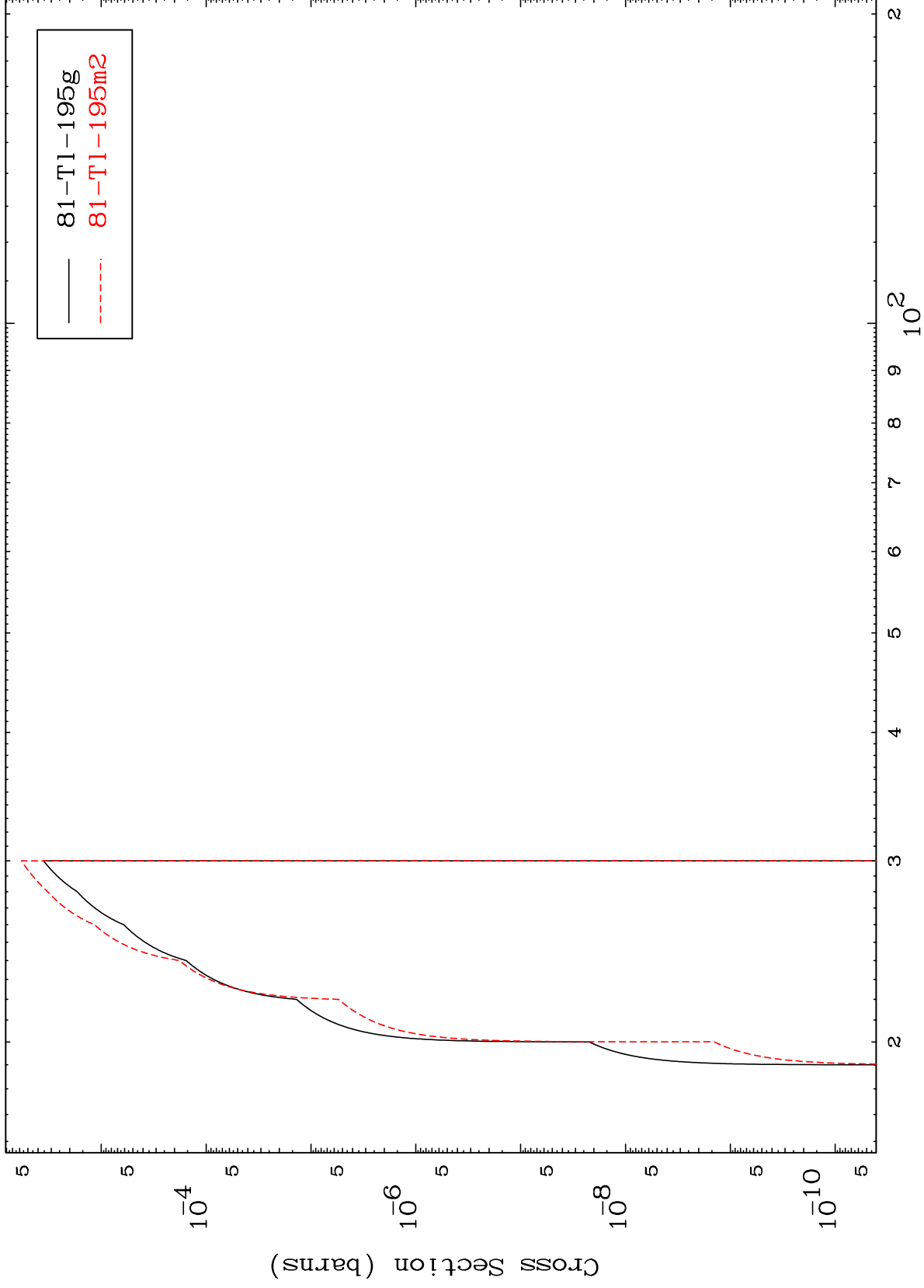
80-Hg-193

MAT 8016

(α, n') p

80-Hg-193

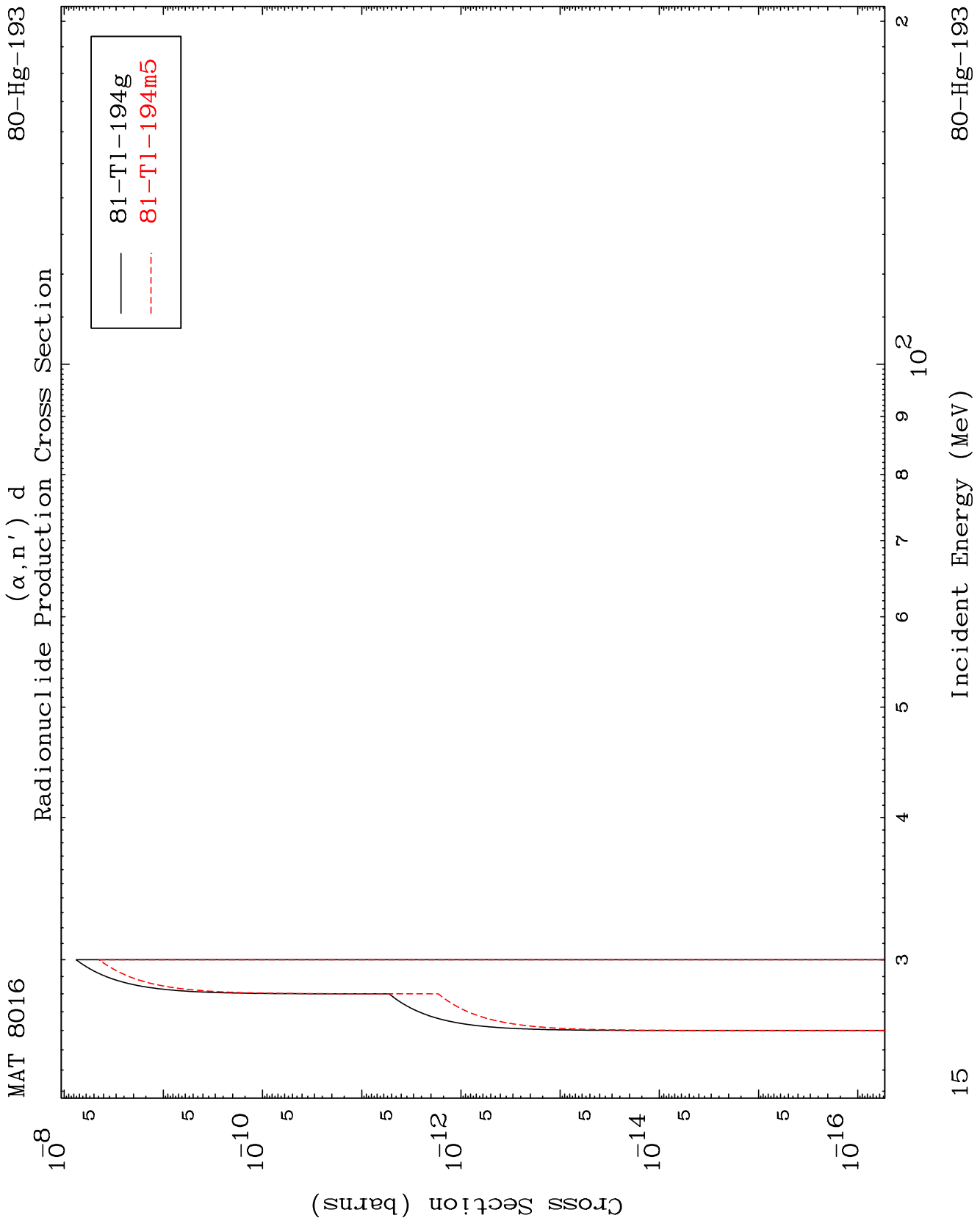
Radionuclide Production Cross Section



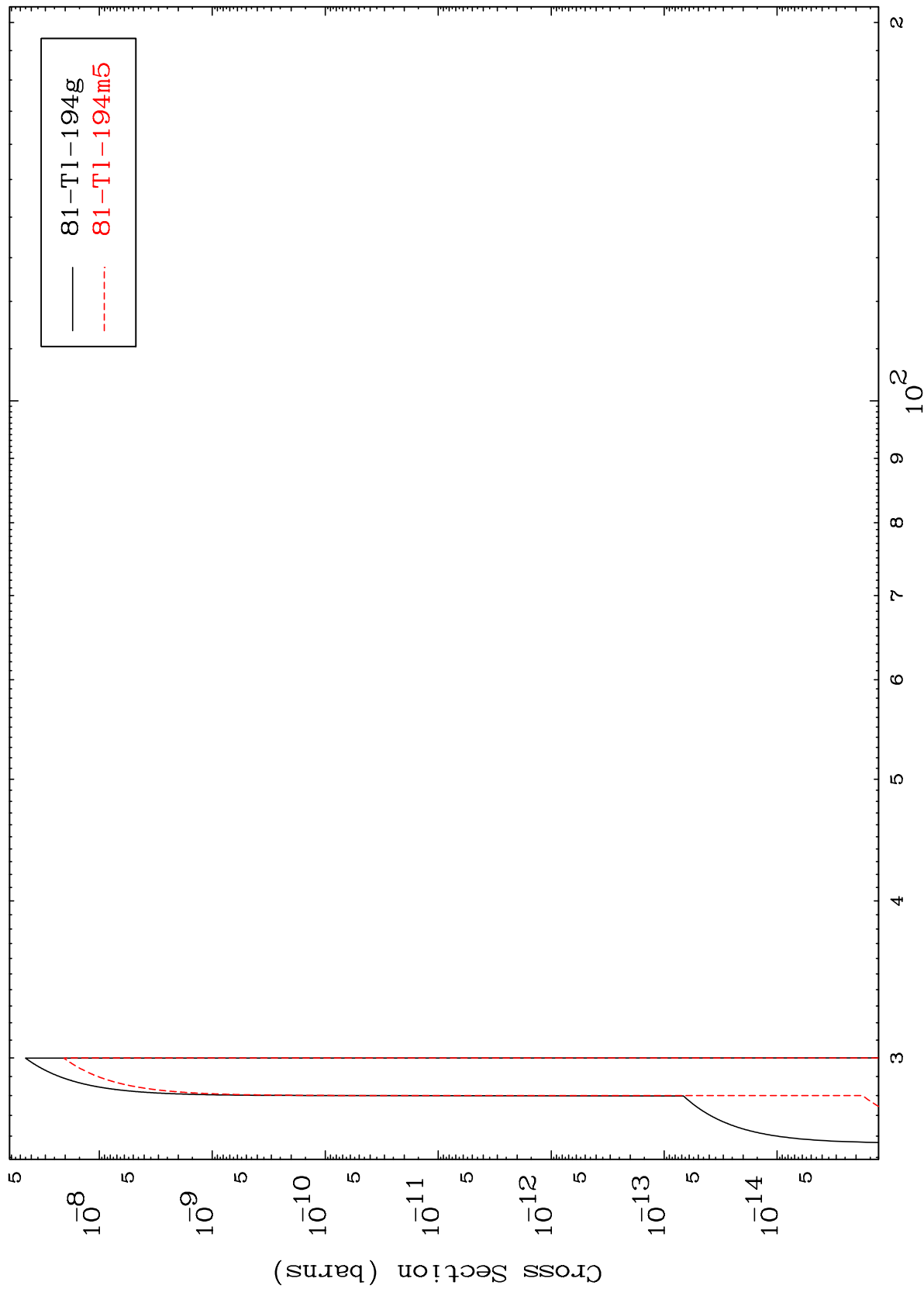
14

Incident Energy (MeV)

80-Hg-193



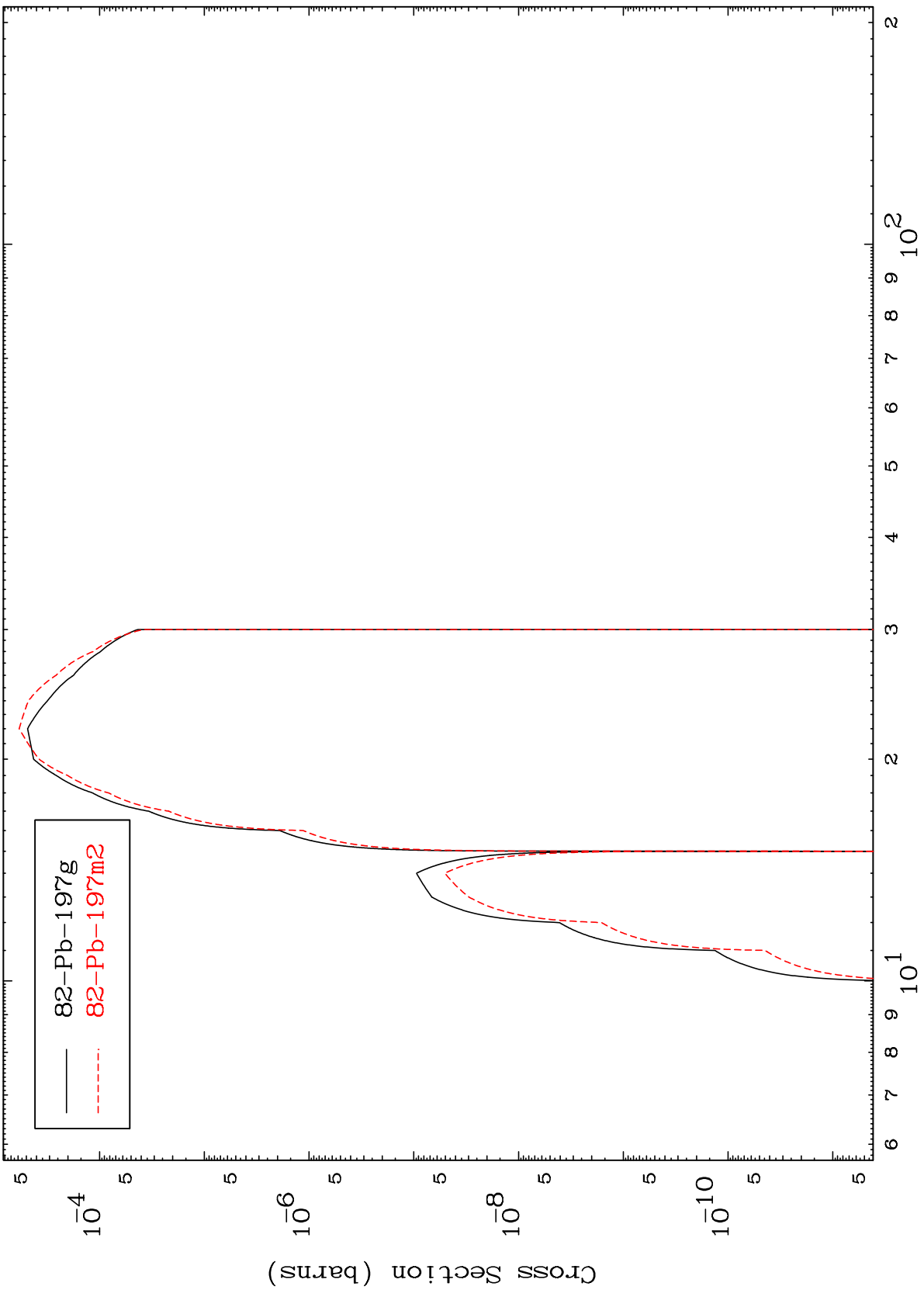
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

(α, γ)
Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

17

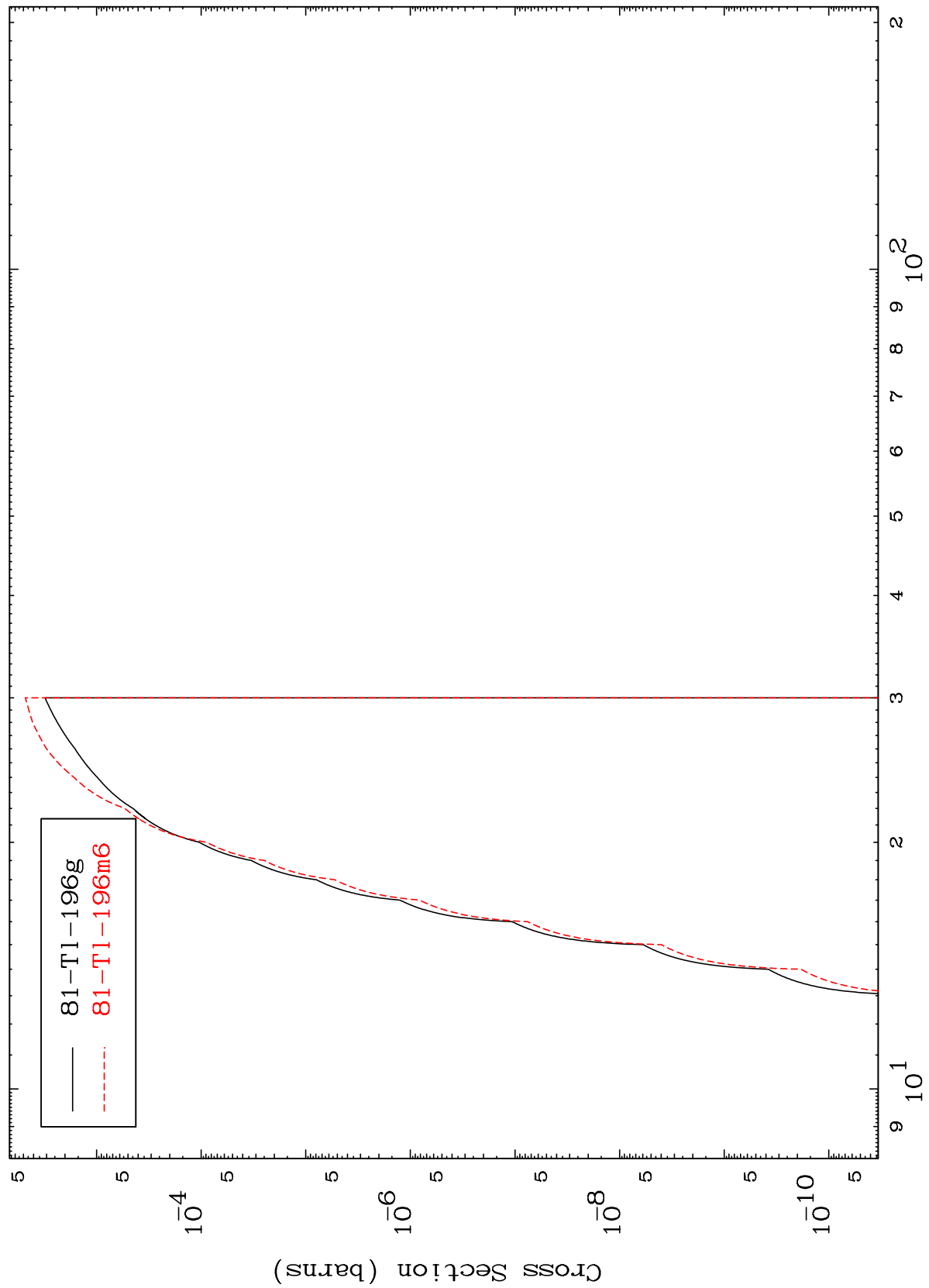
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(α, p)
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

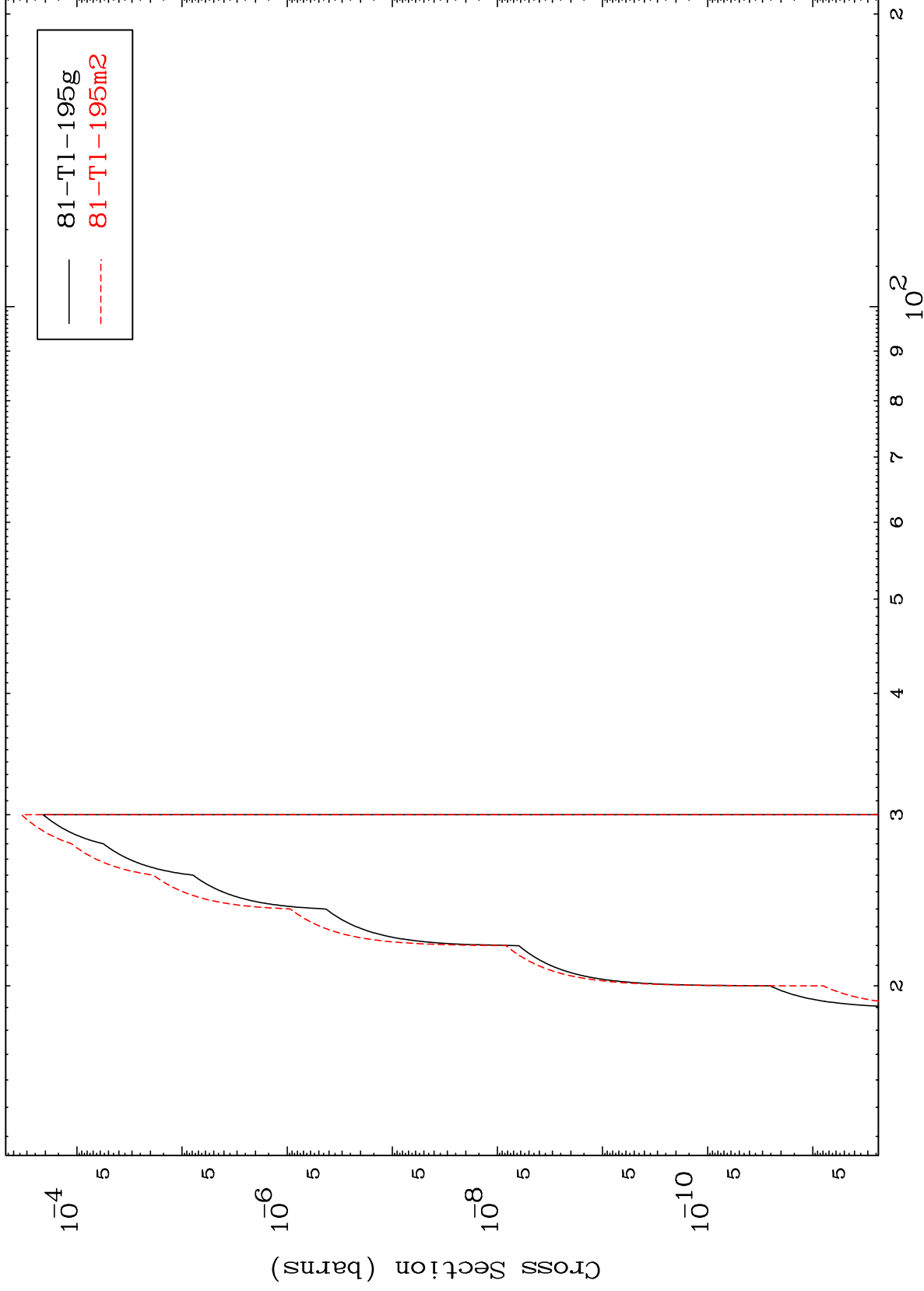
18

MAT 8016

(α, d)

80-Hg-193

Radionuclide Production Cross Section

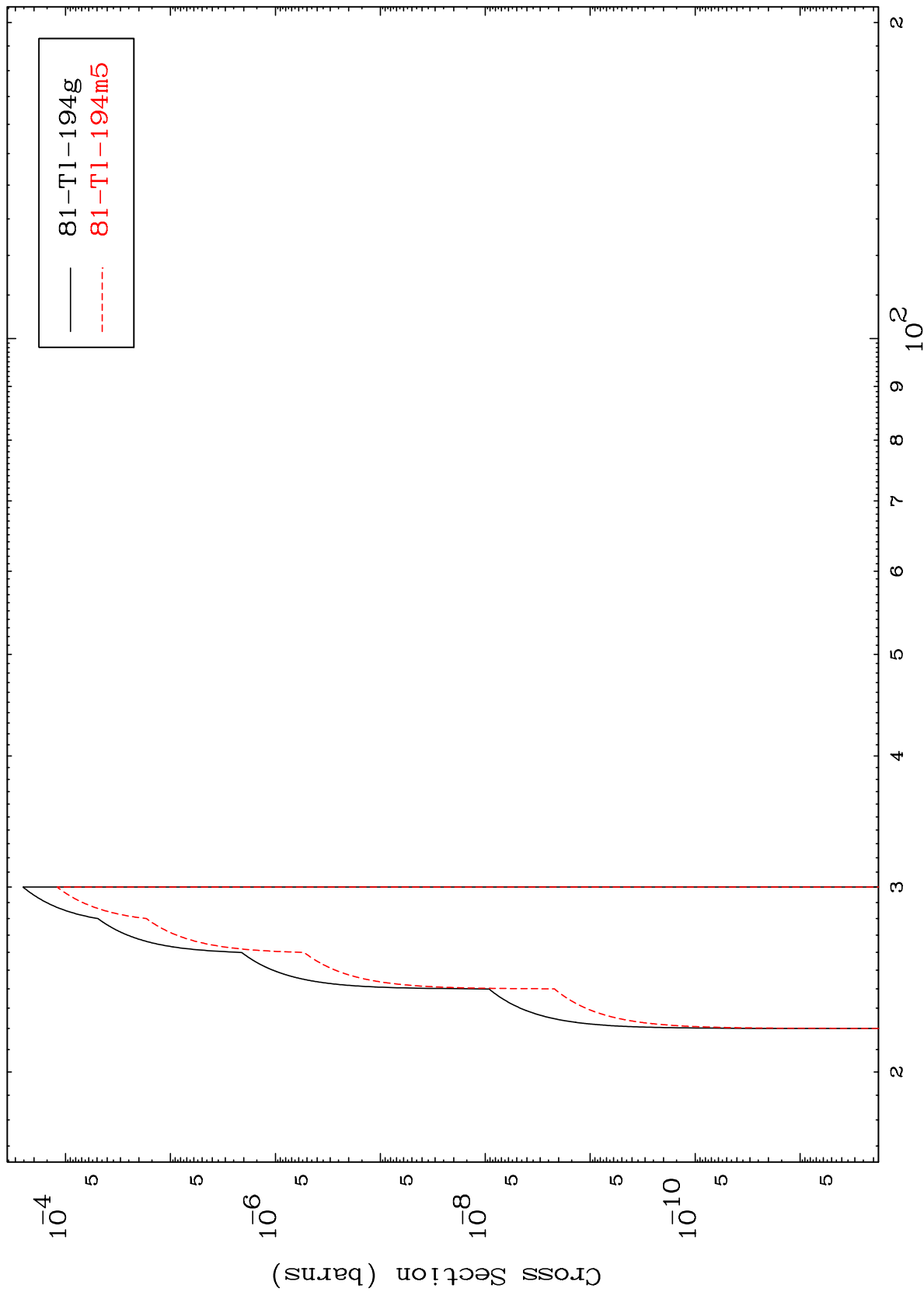


19

Incident Energy (MeV)

80-Hg-193

Radionuclide Production Cross Section

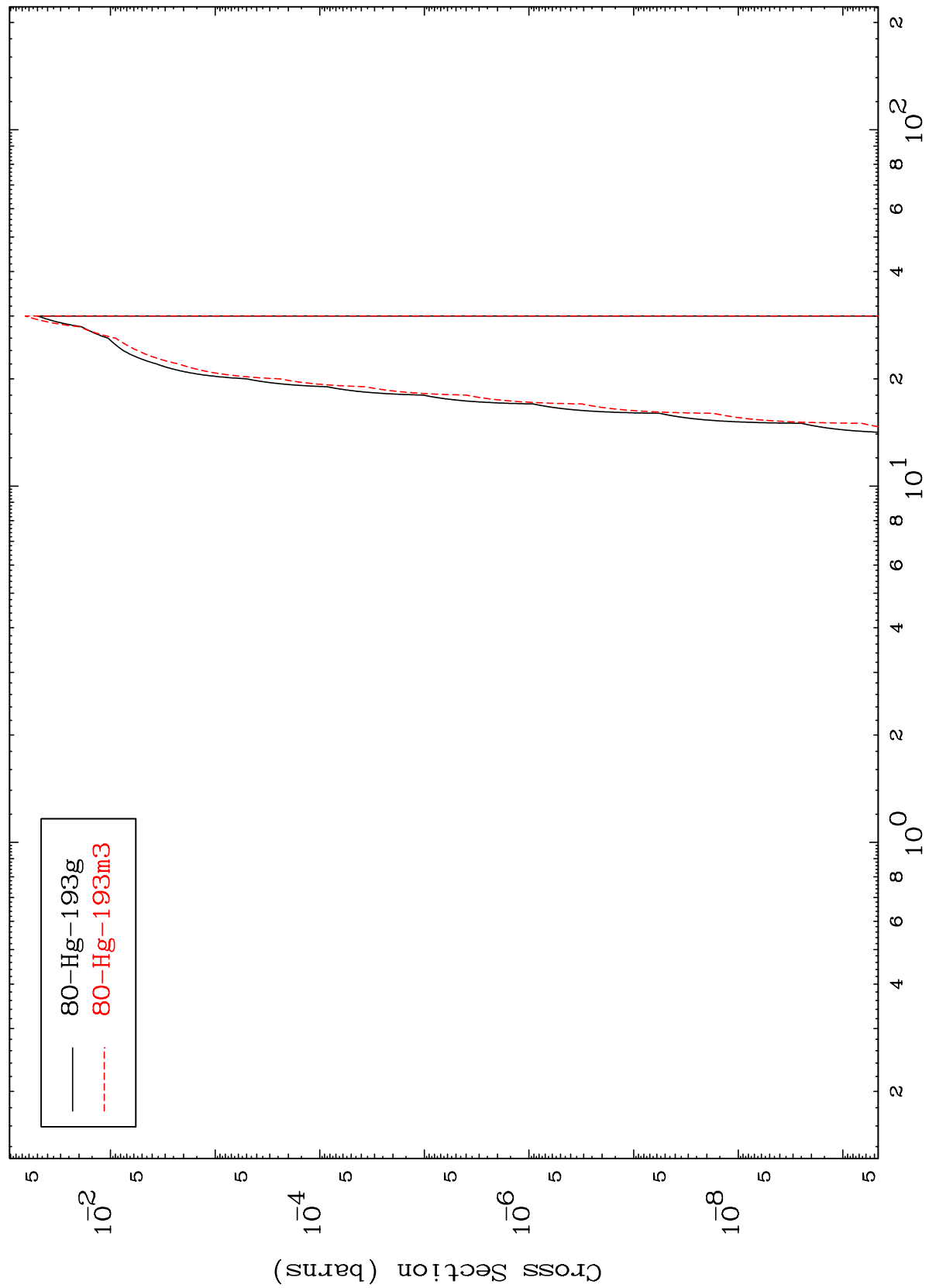


MAT 8016

(α, α)

80-Hg-193

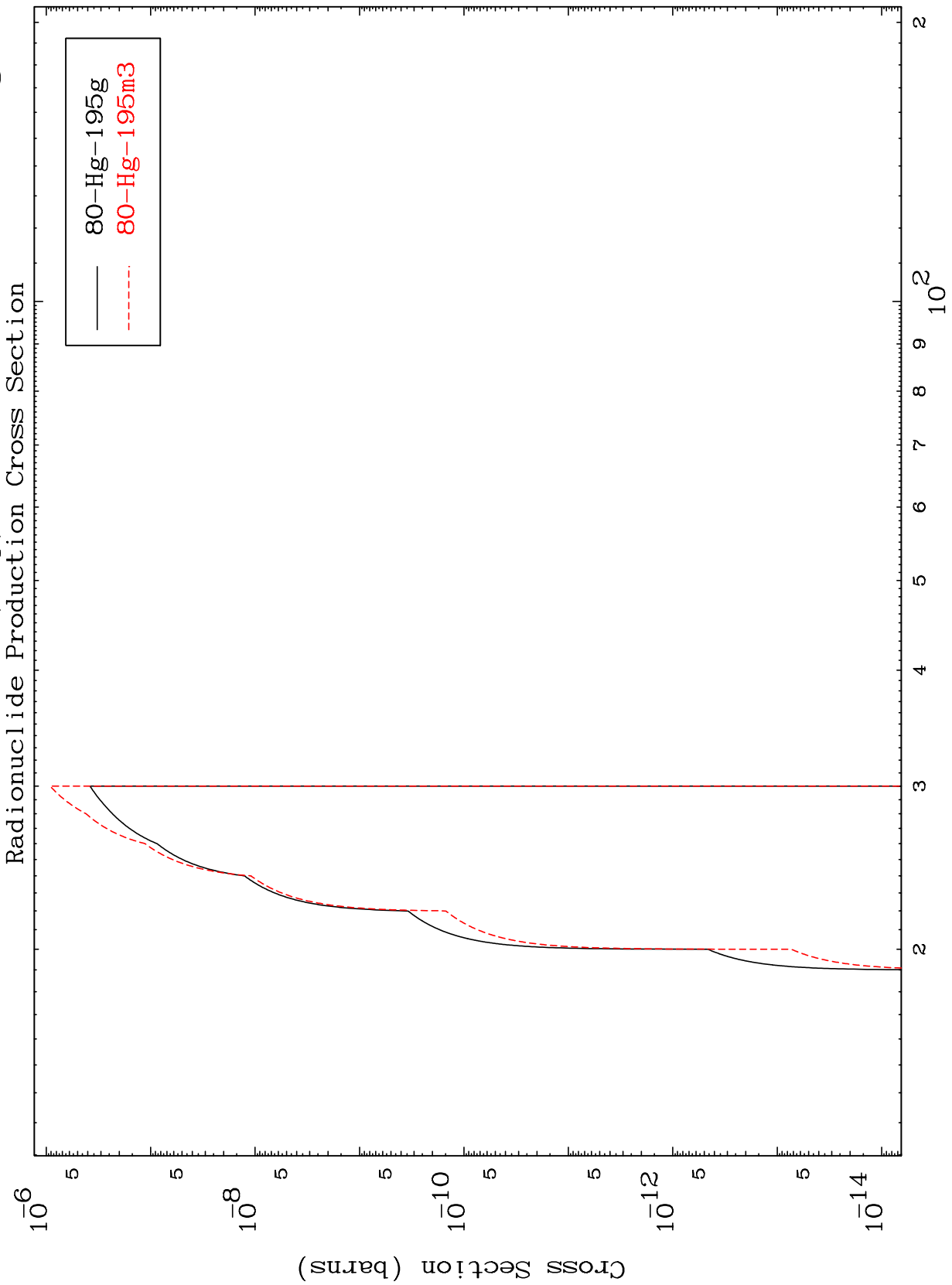
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

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

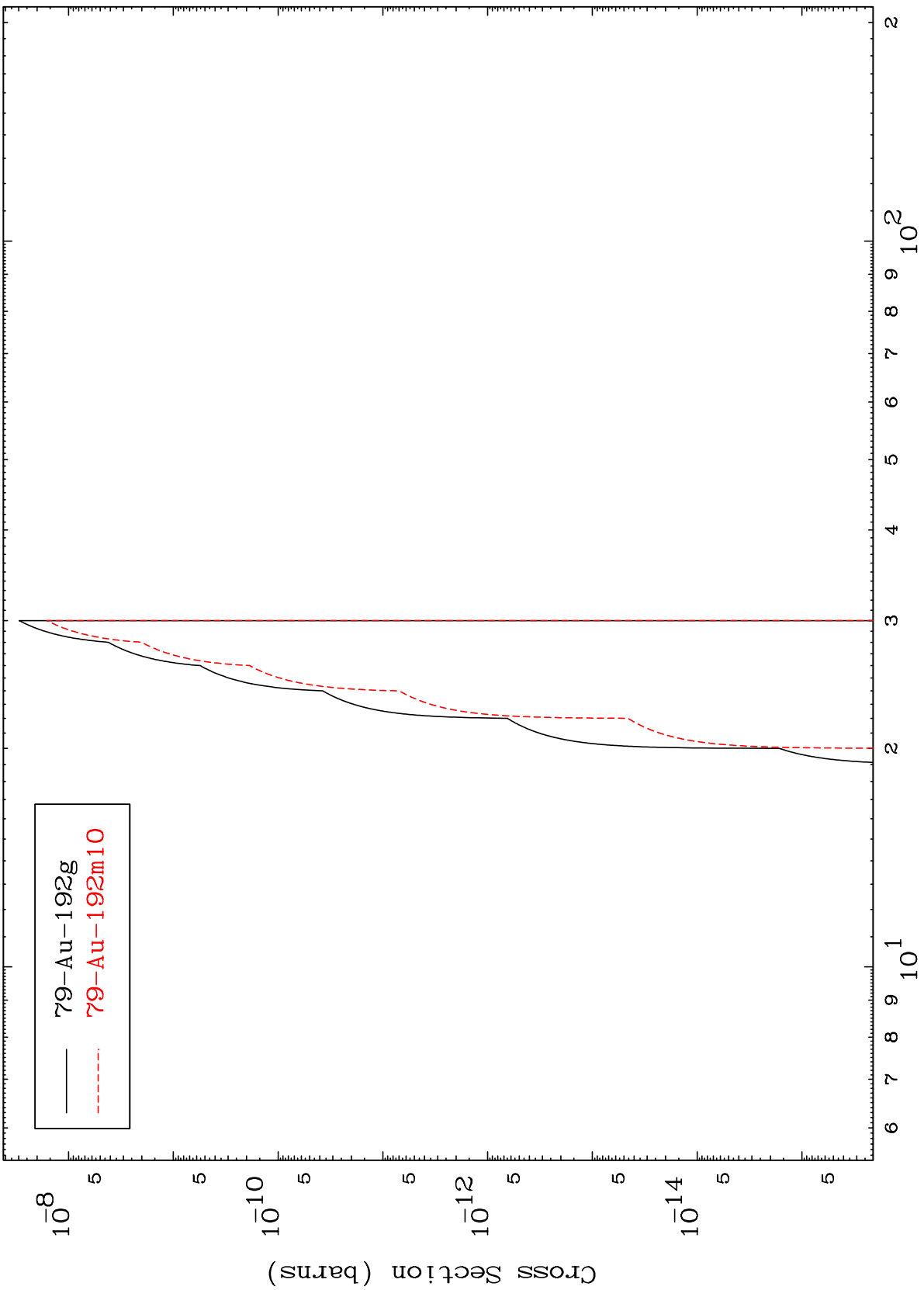


MAT 8016

(α, p) α

80-Hg-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-193