

Program EVALPLOT
(Version 2018-1)

by

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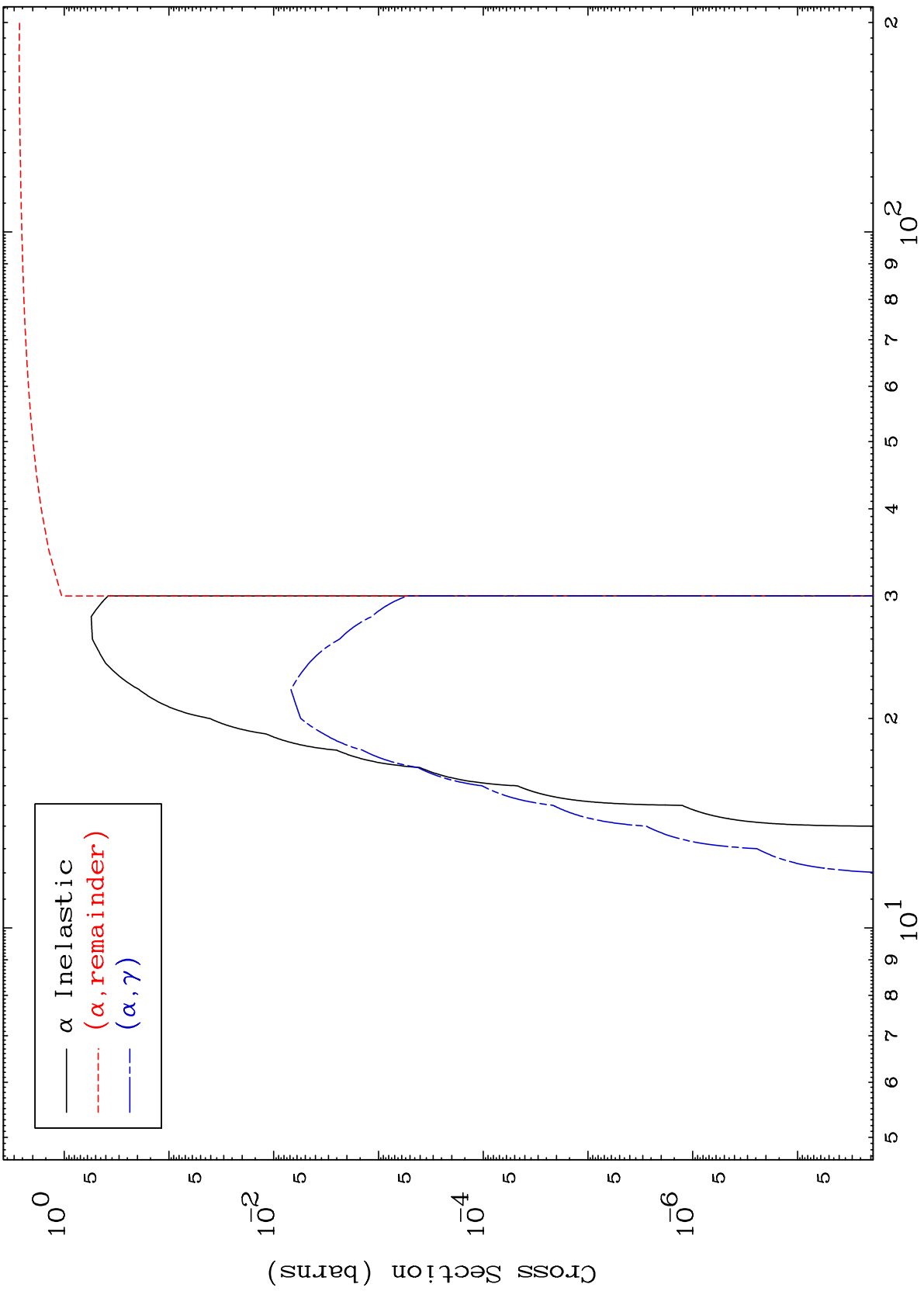
Press Mouse Button to Start

MAT 8005

α Major

80-Hg-189

0 Kelvin Cross Sections



1

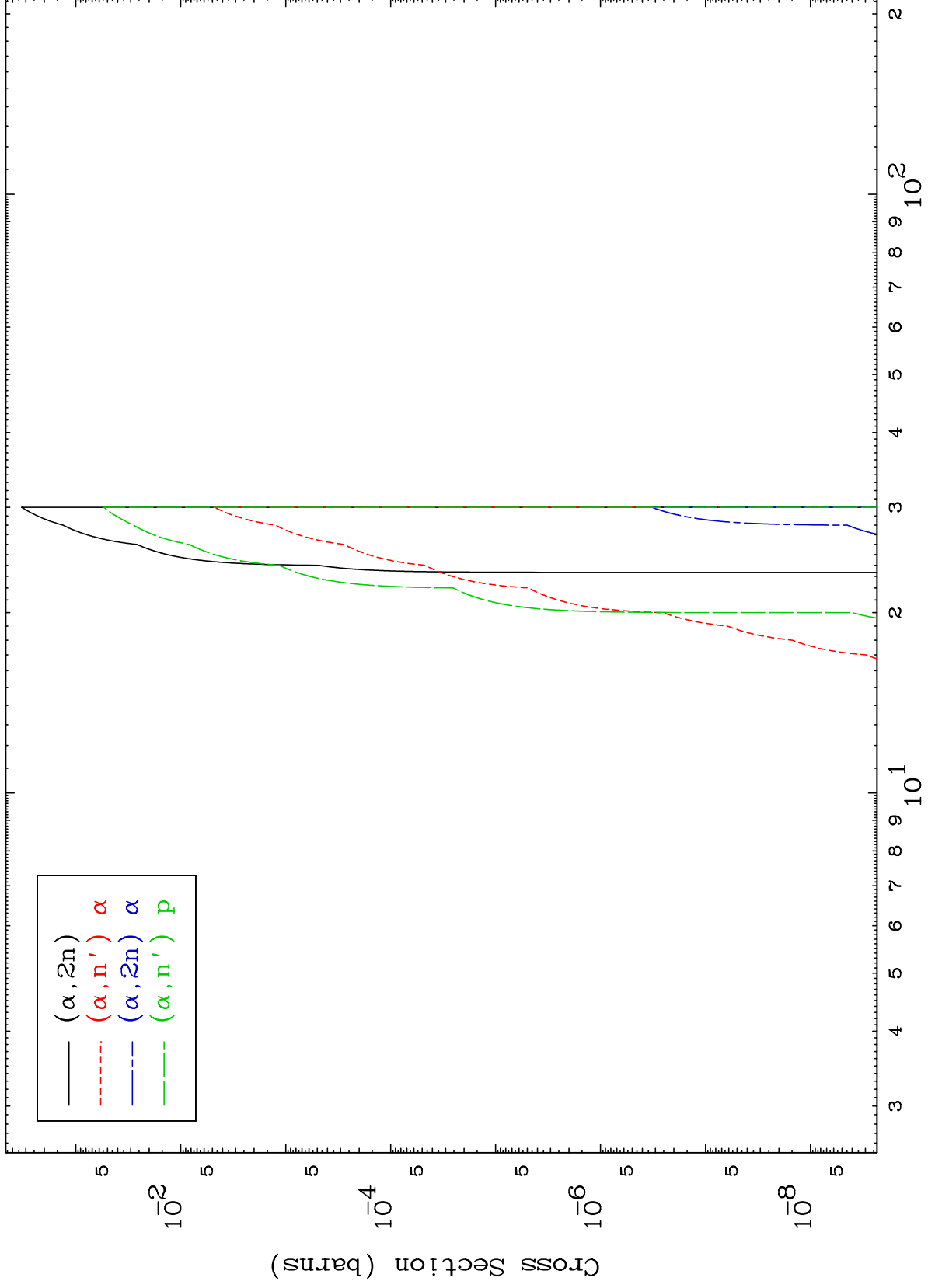
Incident Energy (MeV)

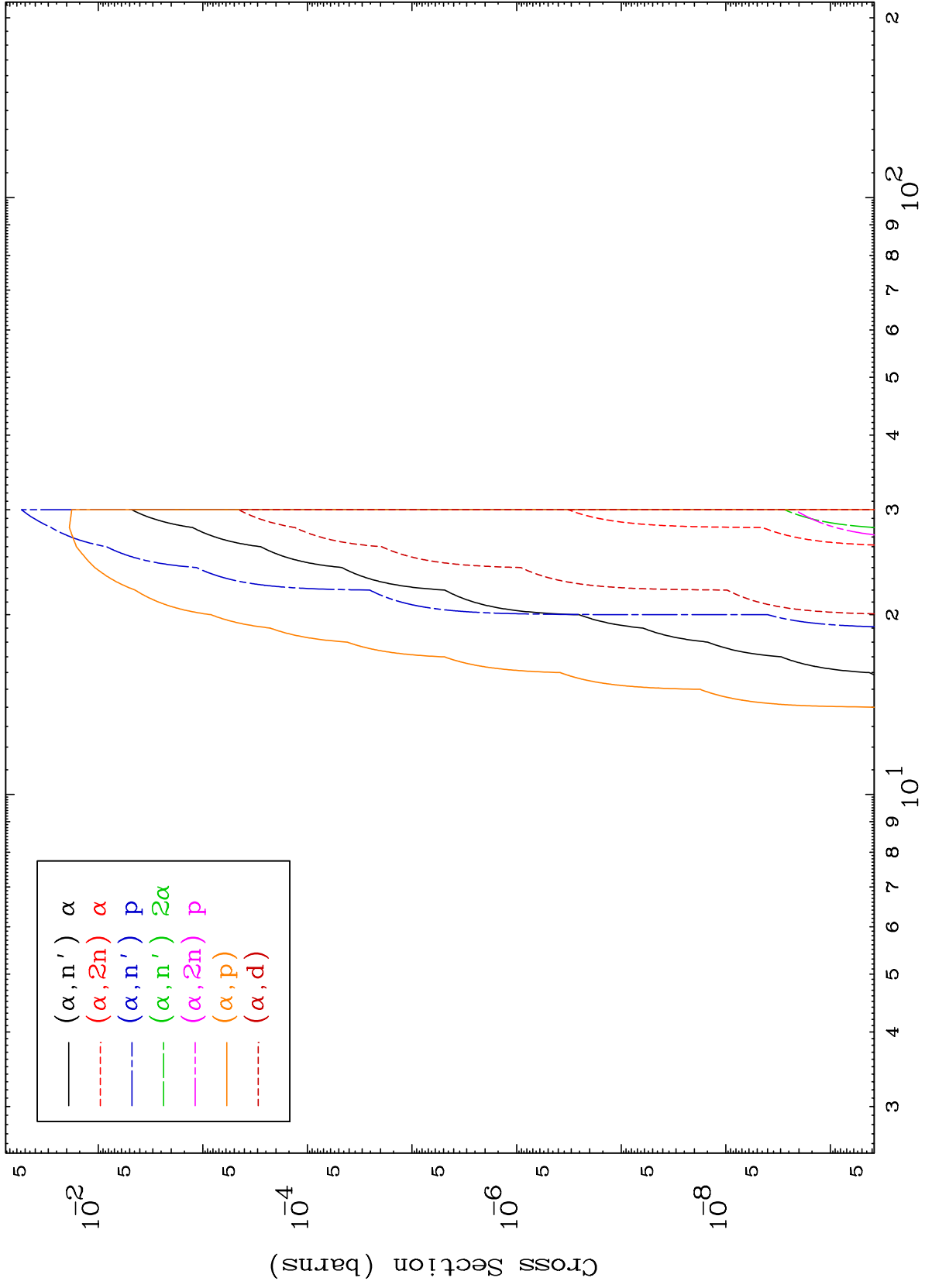
80-Hg-189

MAT 8005

α Neutron Production
0 Kelvin Cross Sections

80-Hg-189

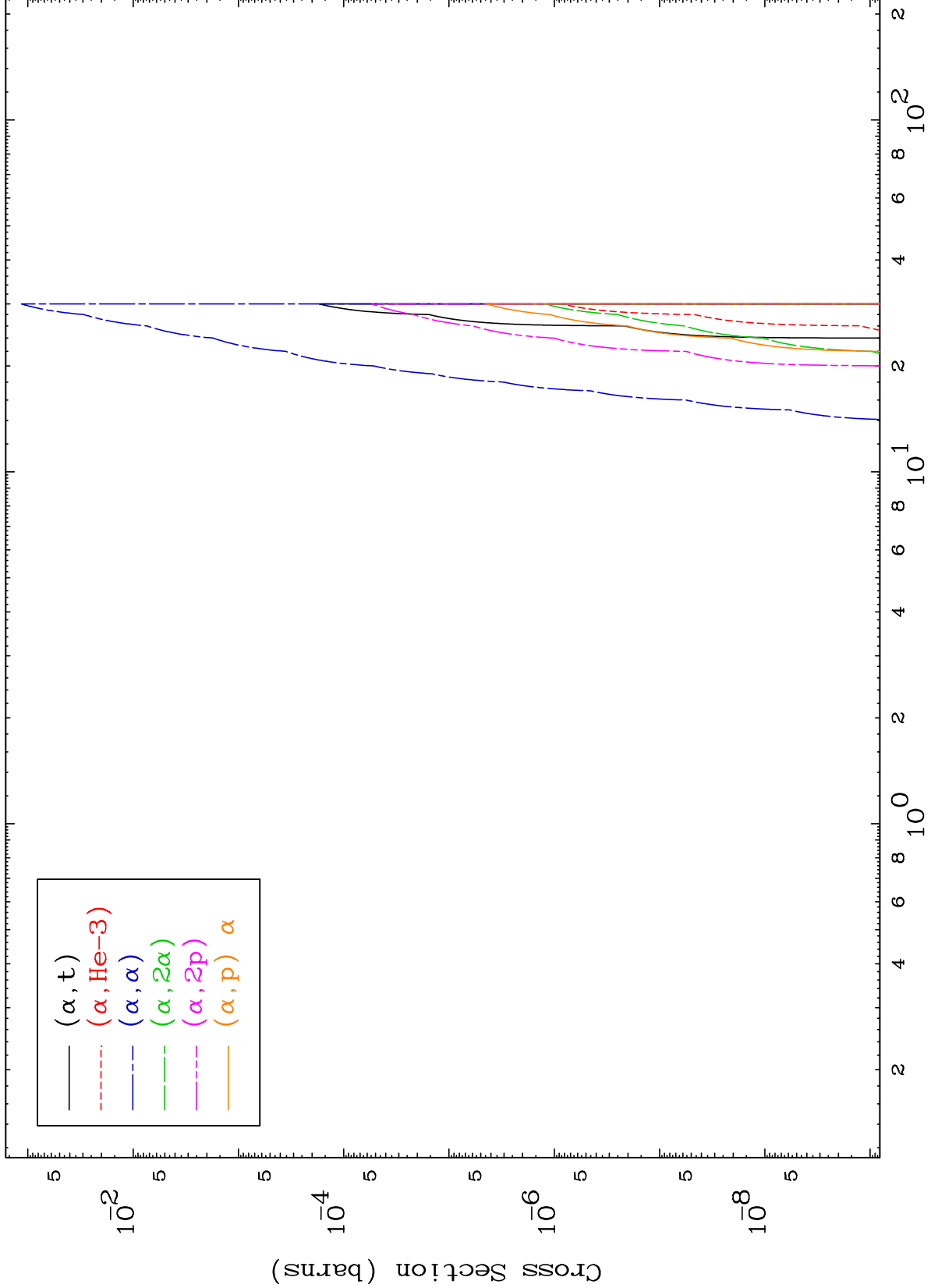




MAT 8005

α Charged Particle
0 Kelvin Cross Sections

80-Hg-189

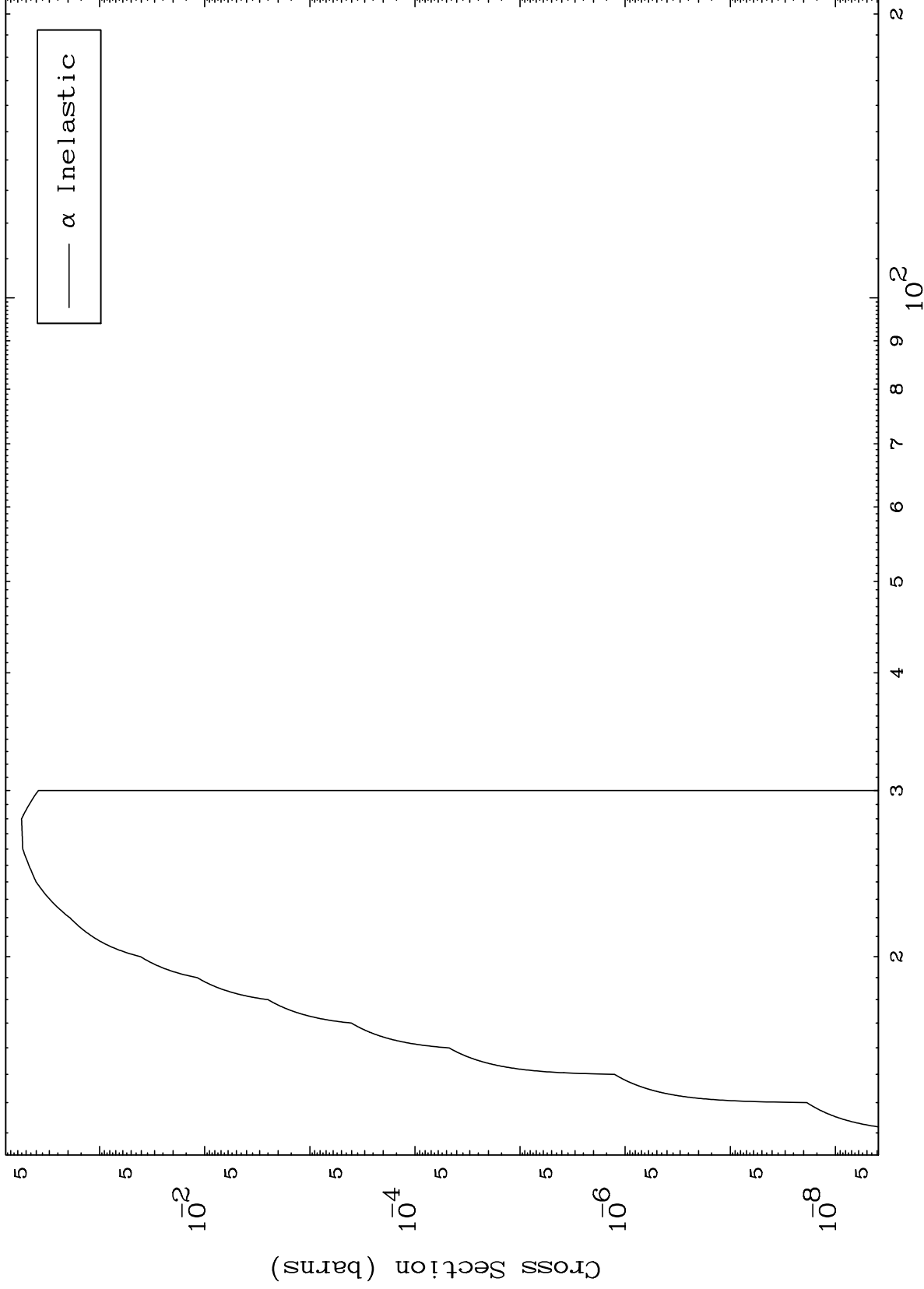


MAT 8005

(α, n') Level

80-Hg-189

0 Kelvin Cross Sections



5

Incident Energy (MeV)

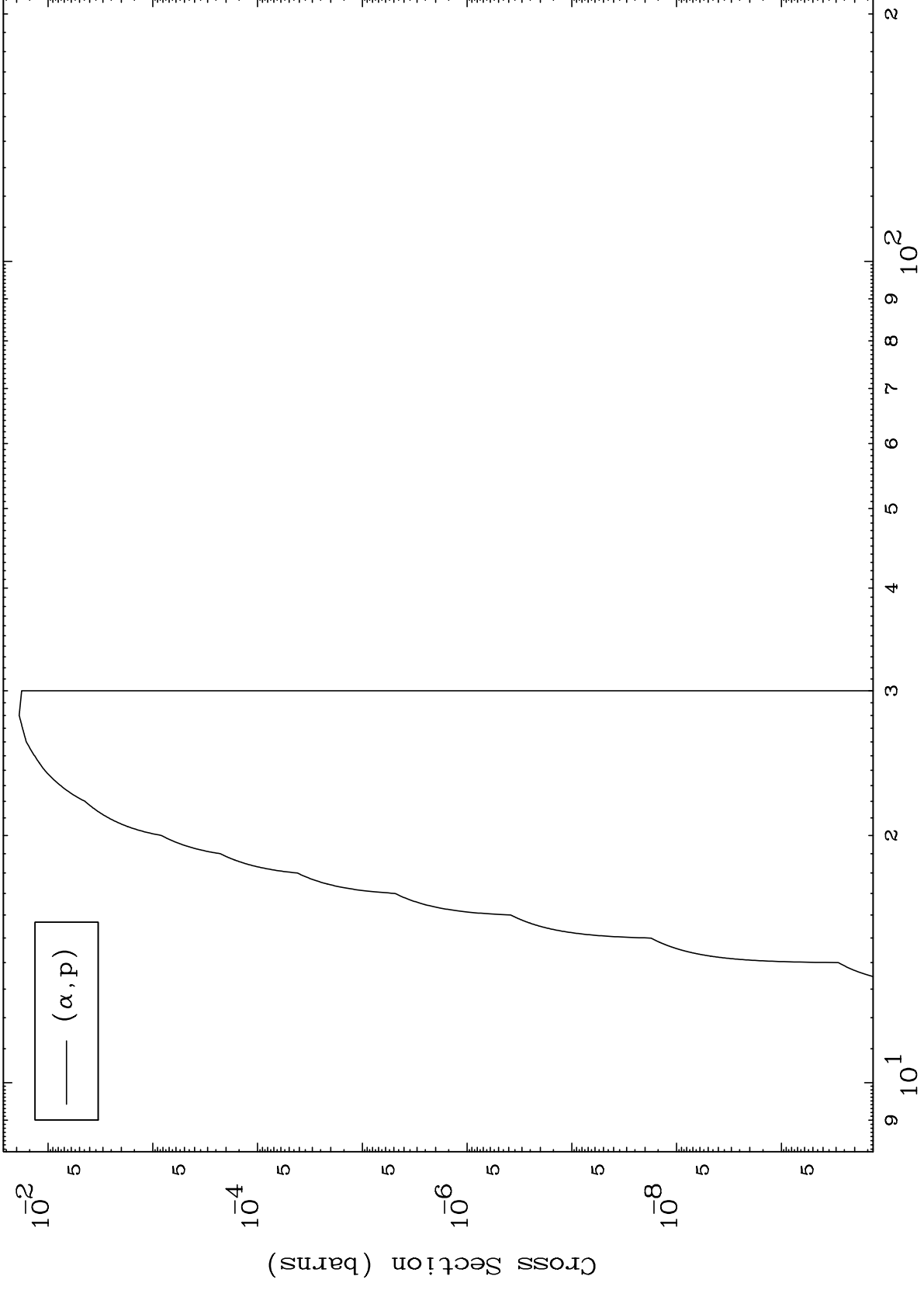
80-Hg-189

10^2

MAT 8005

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-189



80-Hg-189

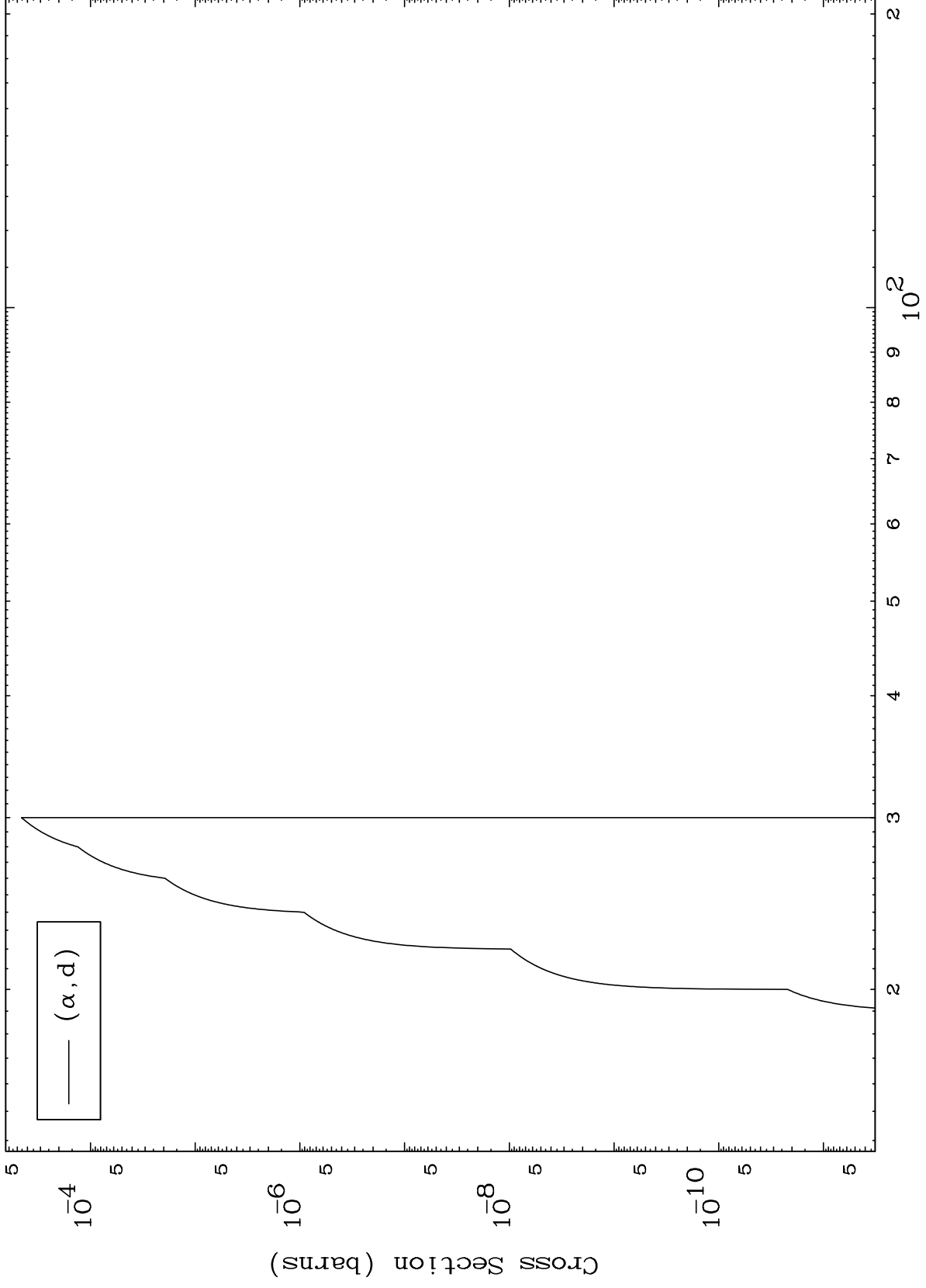
80-Hg-189

6

MAT 8005

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-189



7

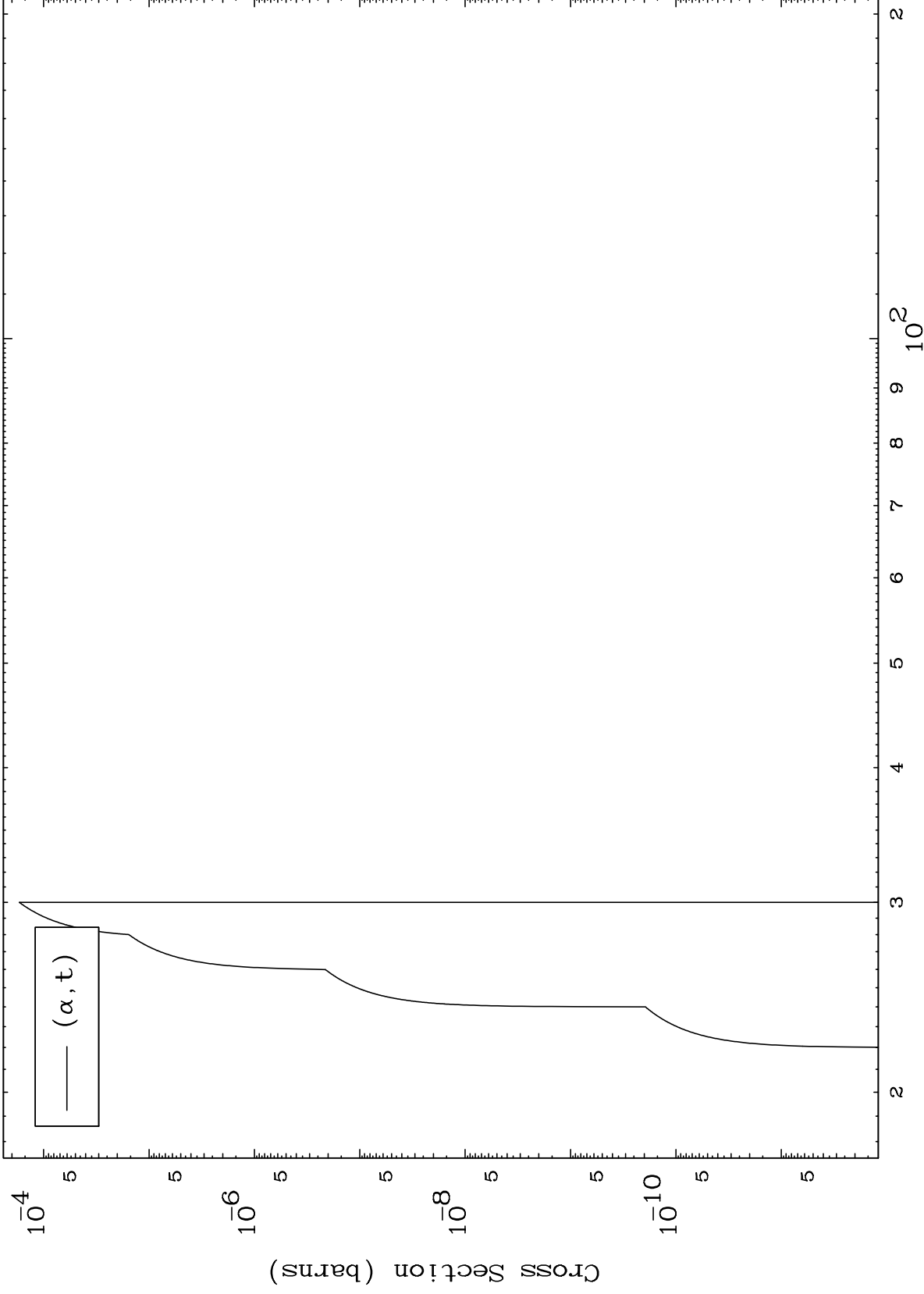
Incident Energy (MeV)

80-Hg-189

MAT 8005

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-189

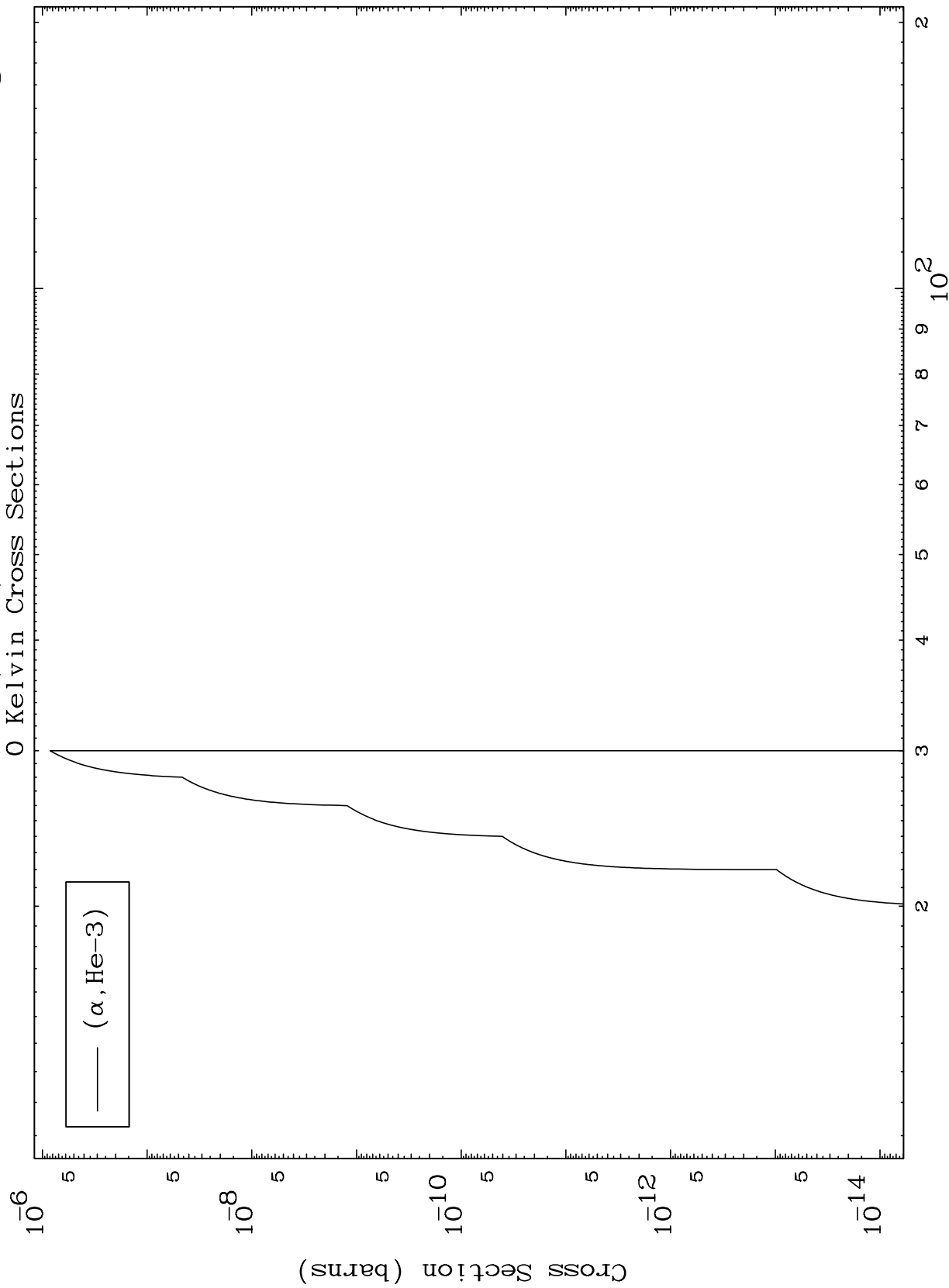


8

Incident Energy (MeV)

80-Hg-189

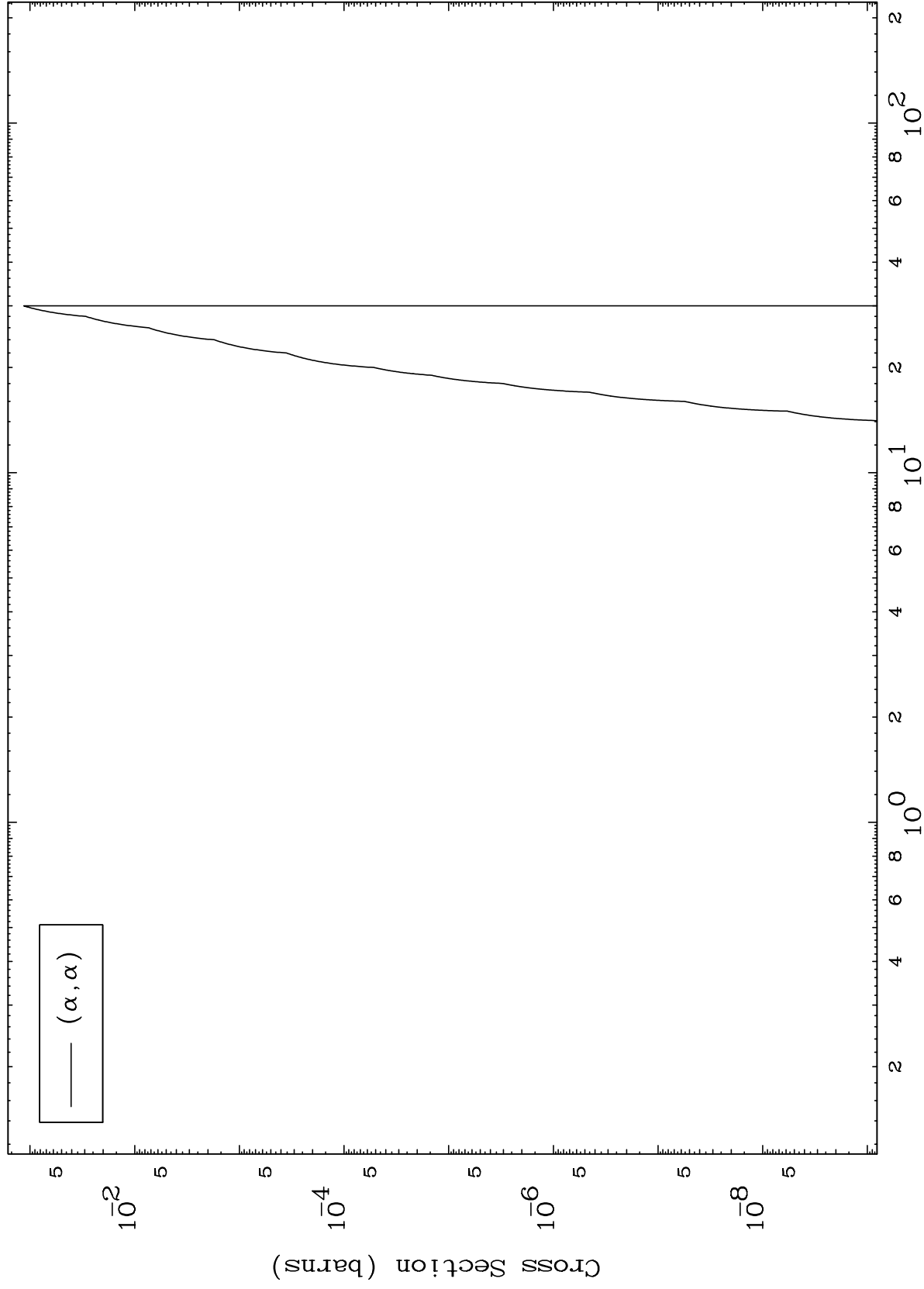
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 8005

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-189



10

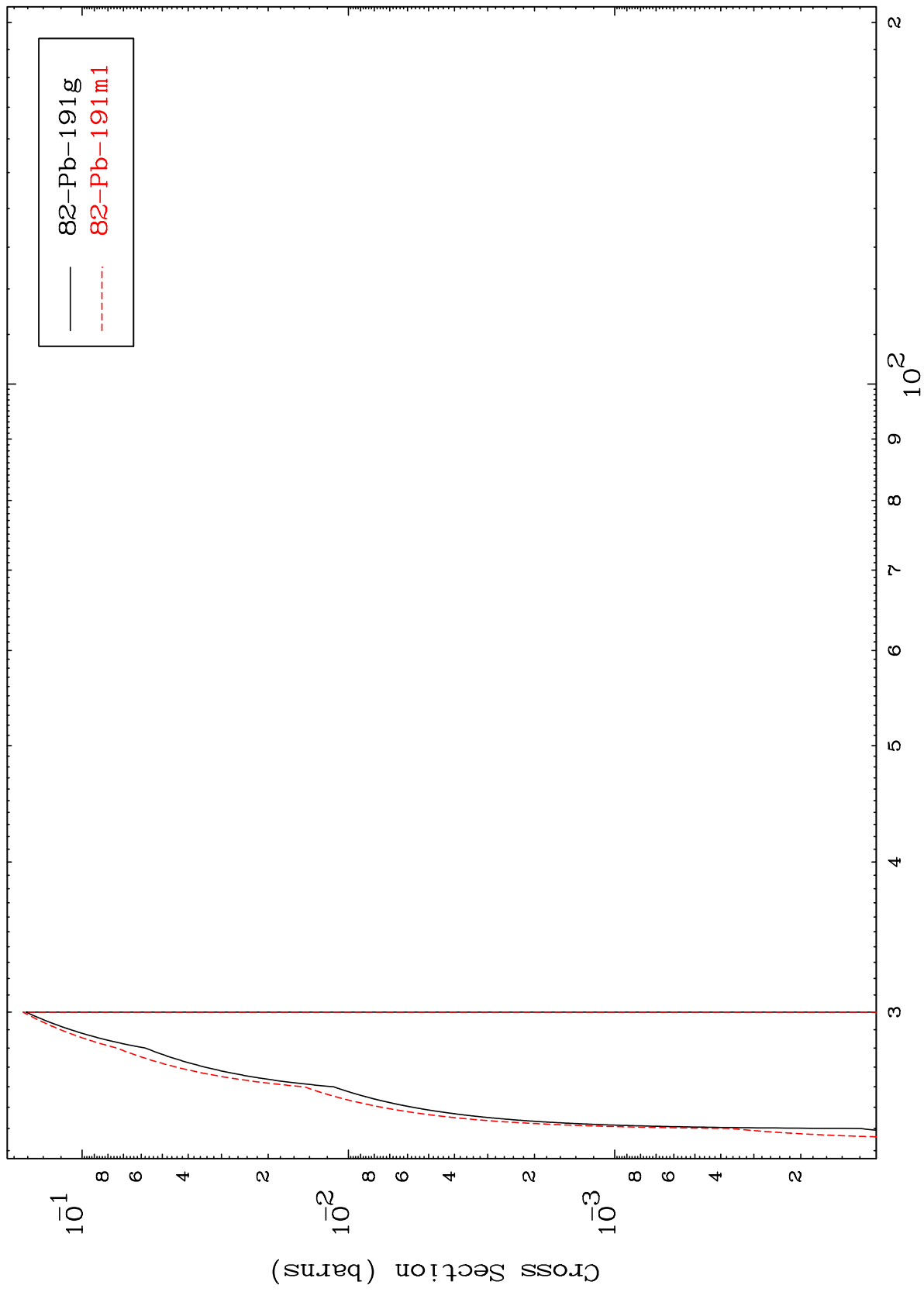
Incident Energy (MeV)

80-Hg-189

MAT 8005

80-Hg-189

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



11

Incident Energy (MeV)

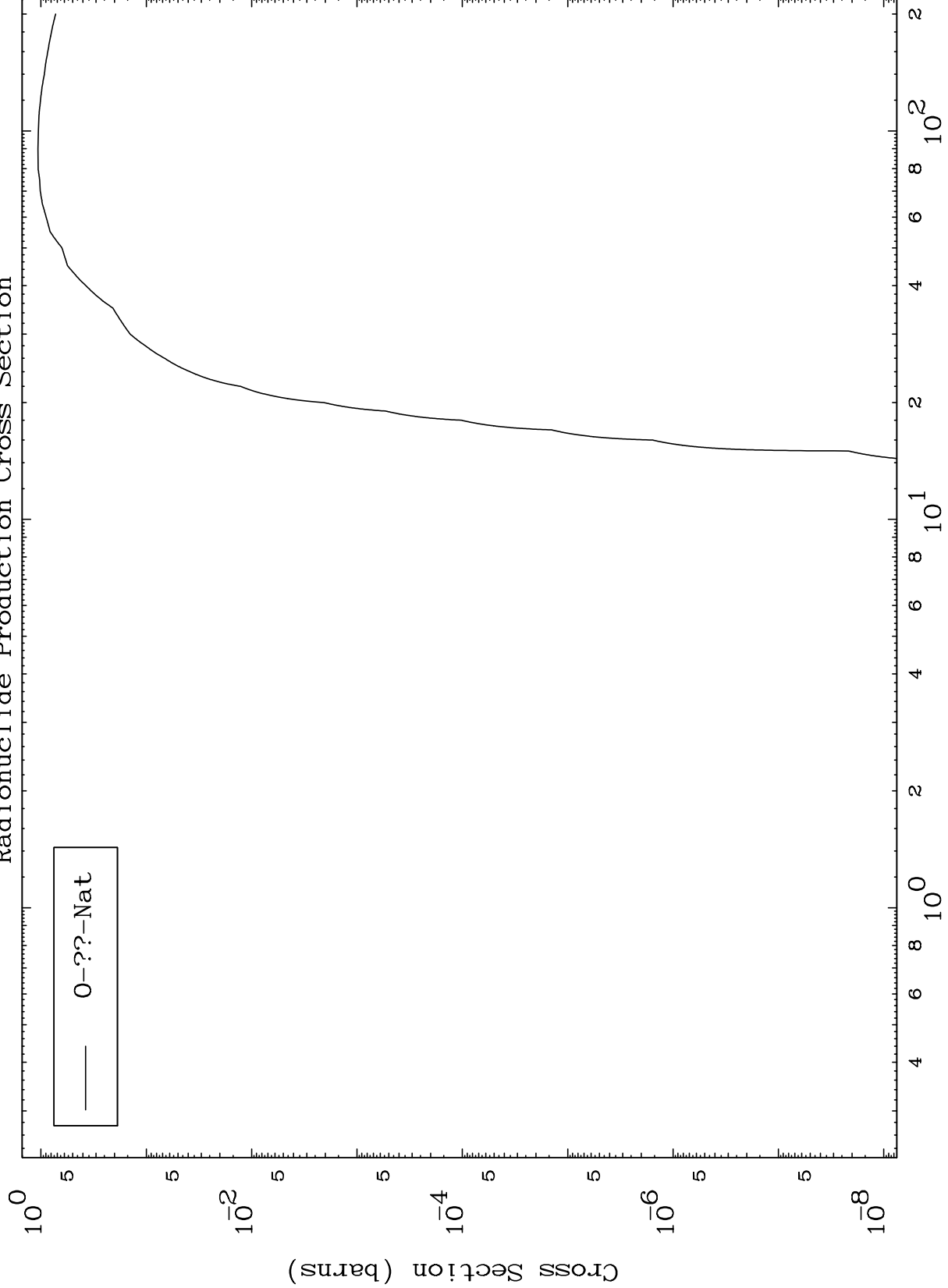
80-Hg-189

MAT 8005

α Fission

80-Hg-189

Radionuclide Production Cross Section

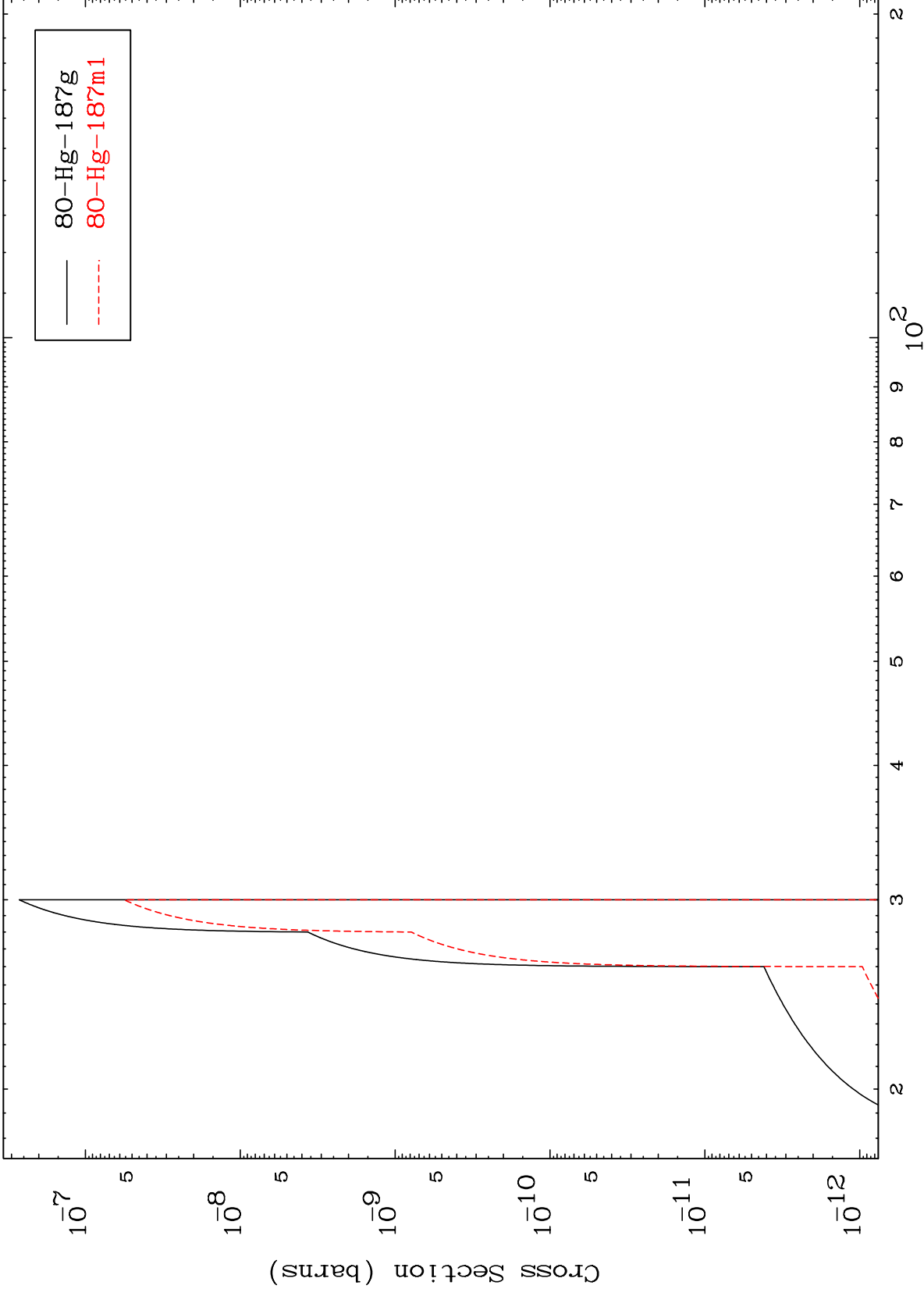


MAT 8005

$(\alpha, 2n)$ α

80-Hg-189

Radionuclide Production Cross Section



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

13

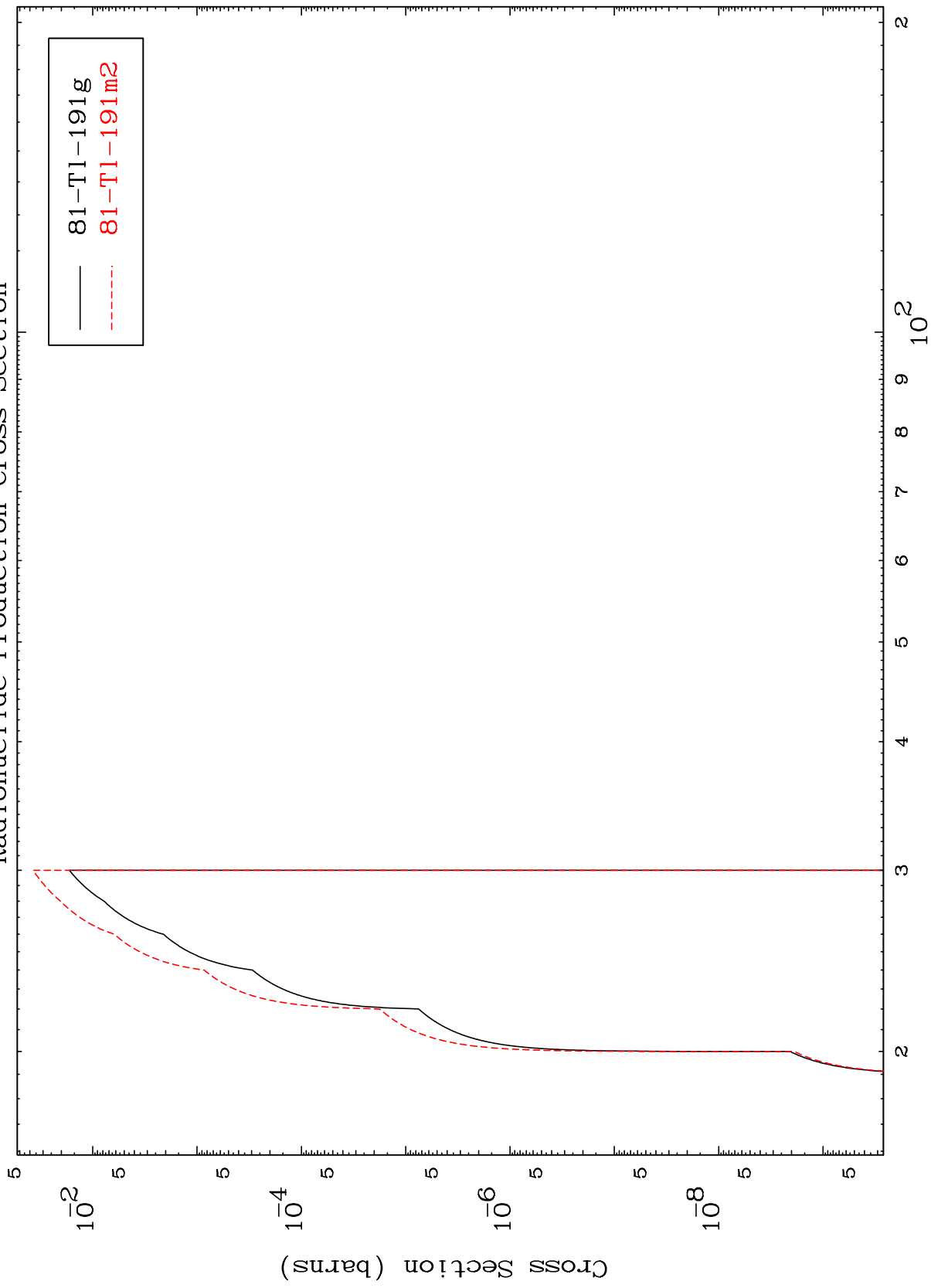
Incident Energy (MeV)

80-Hg-189

MAT 8005

80-Hg-189

(α, n') p
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

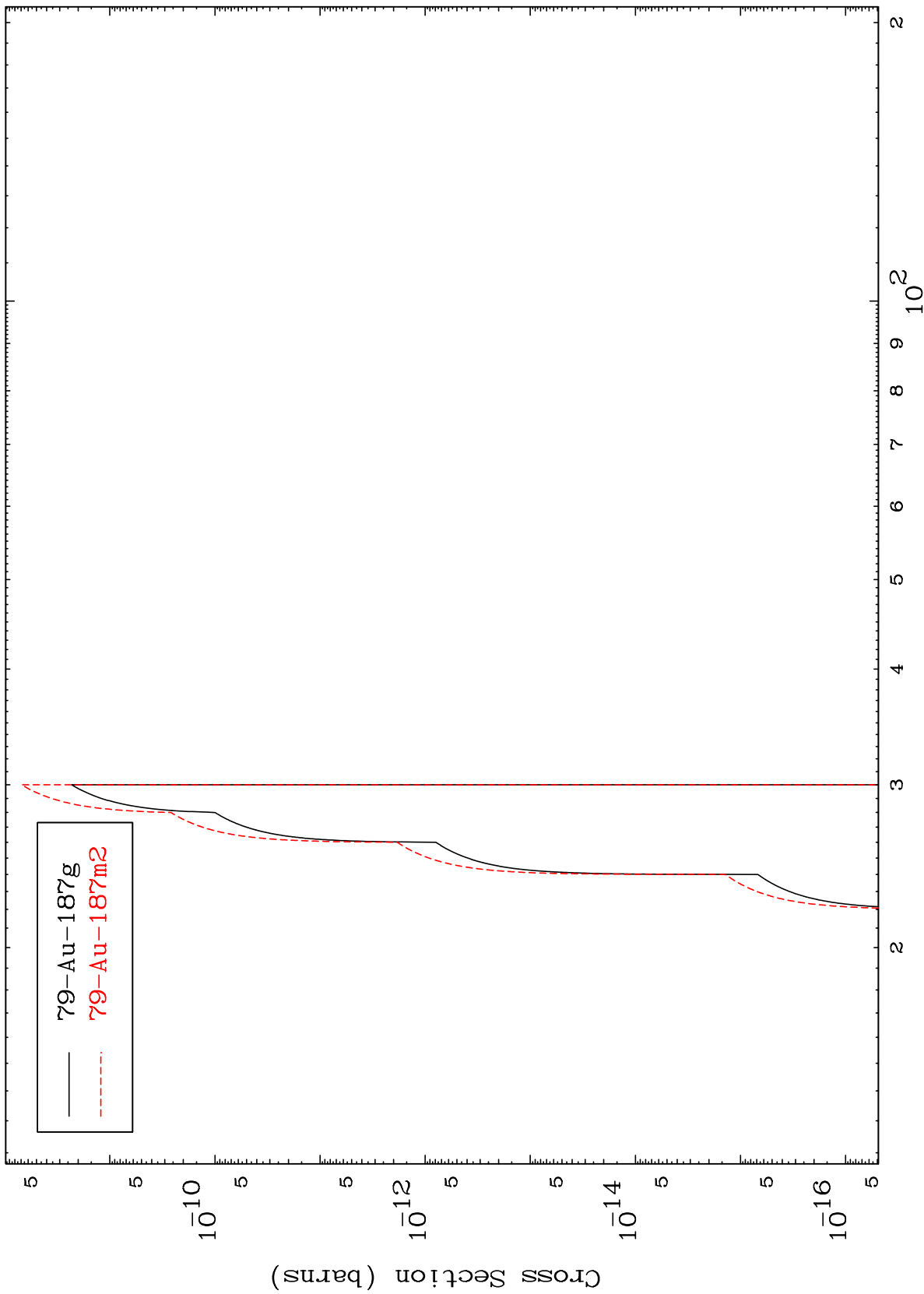
14

MAT 8005

(α, n') p α

80-Hg-189

Radionuclide Production Cross Section



15

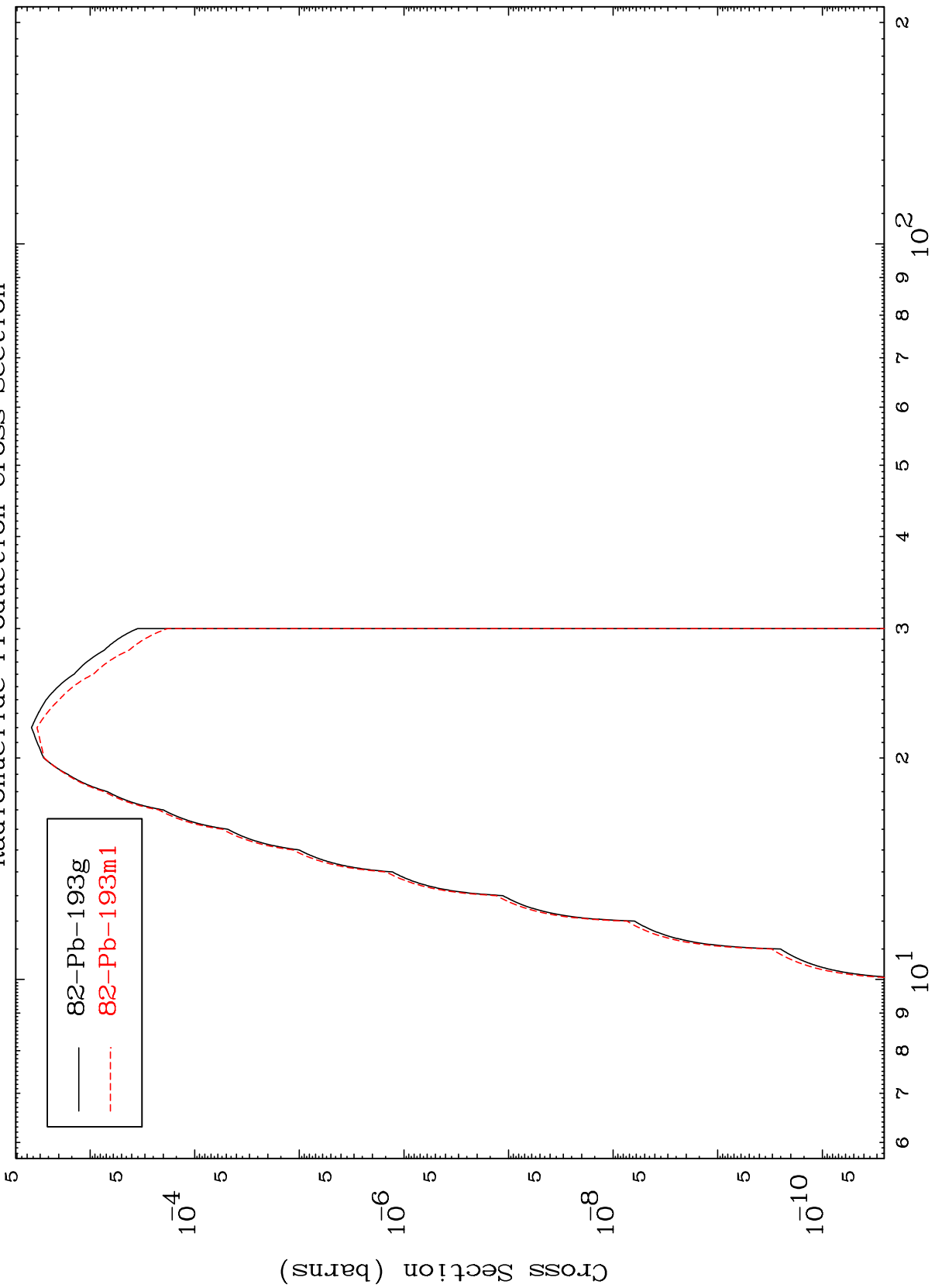
Incident Energy (MeV)

80-Hg-189

MAT 8005

80-Hg-189

Radionuclide Production Cross Section
(α, γ)

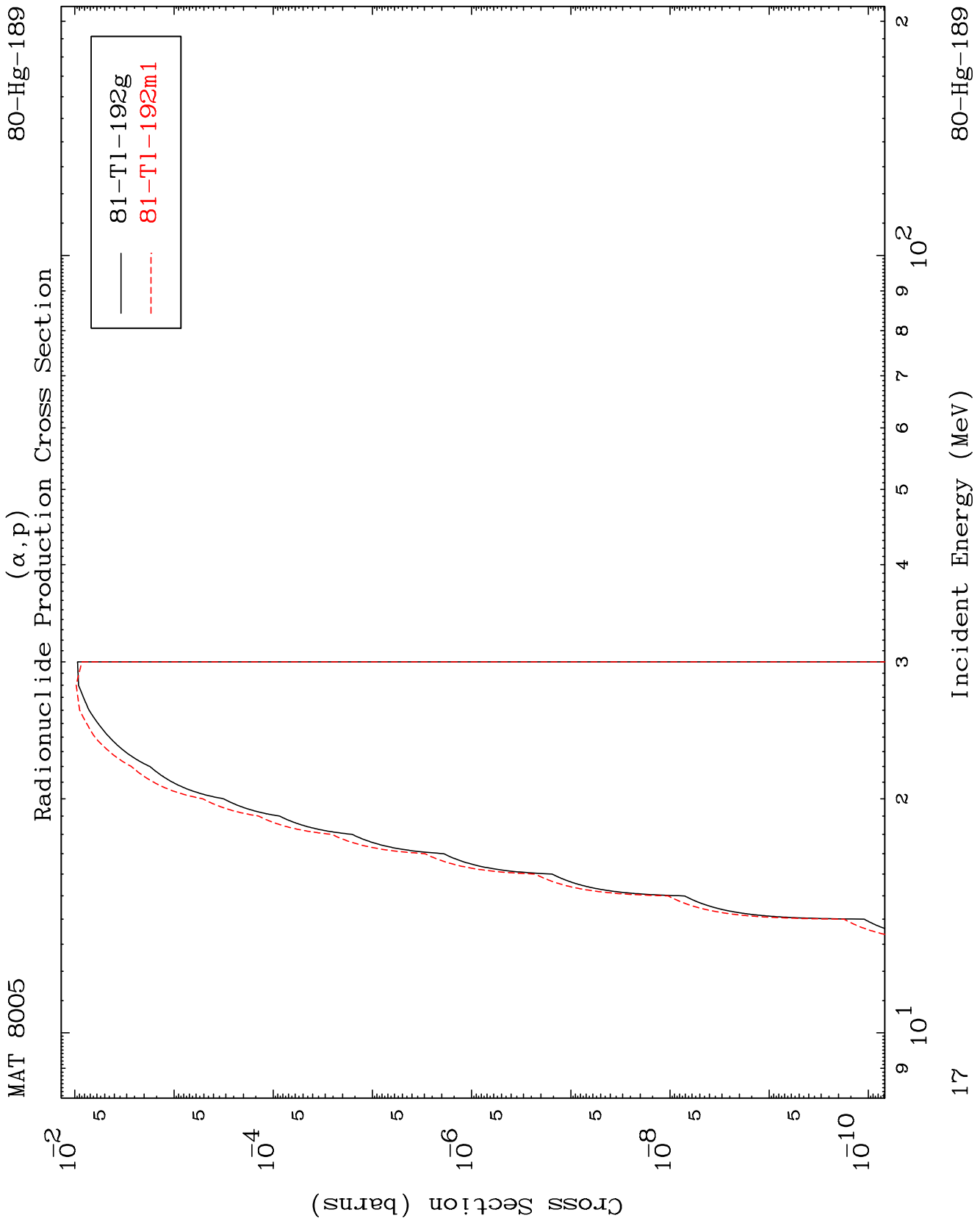


82-Pb-193g
82-Pb-193m1

16

Incident Energy (MeV)

80-Hg-189

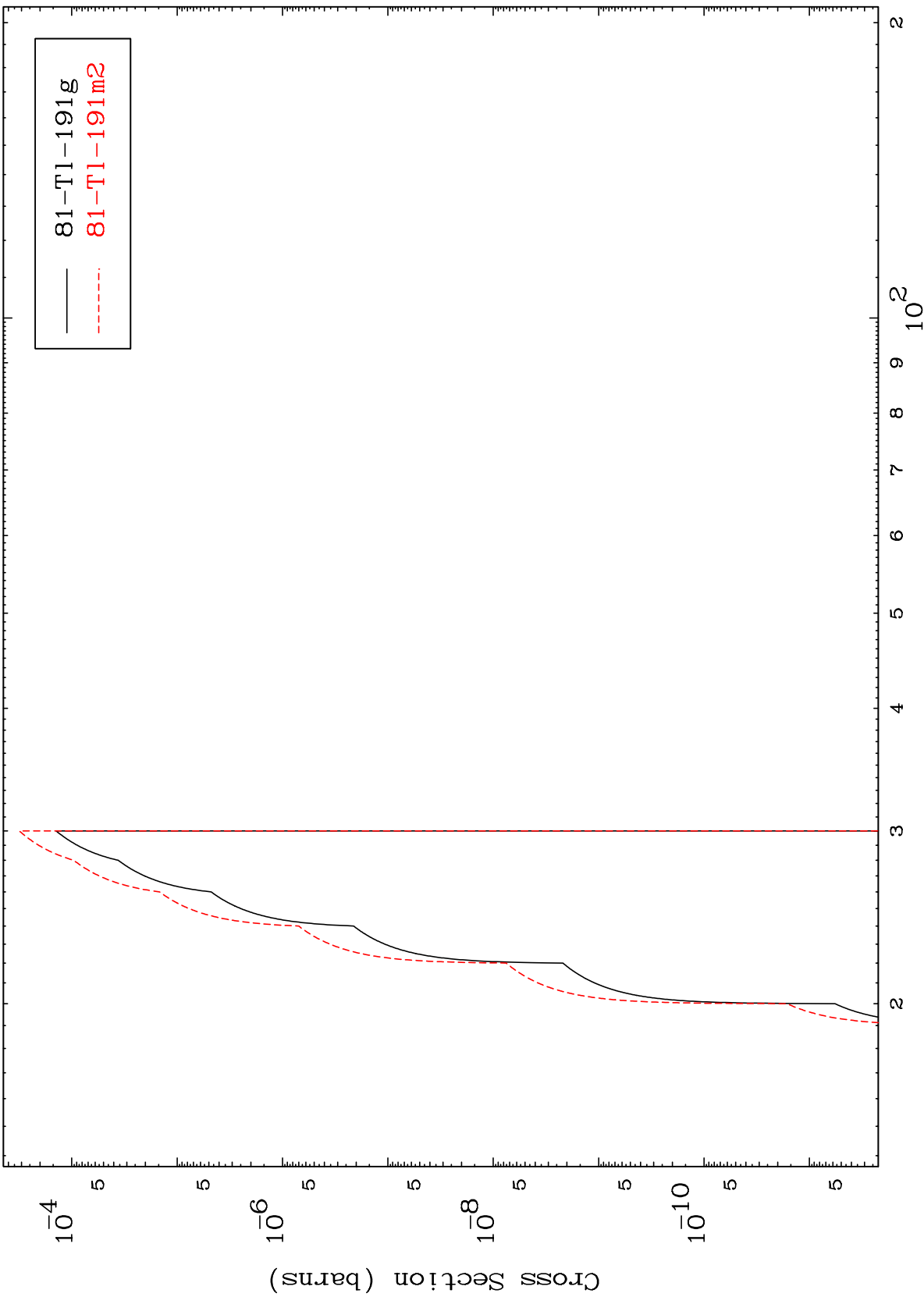


MAT 8005

(α, d)

80-Hg-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

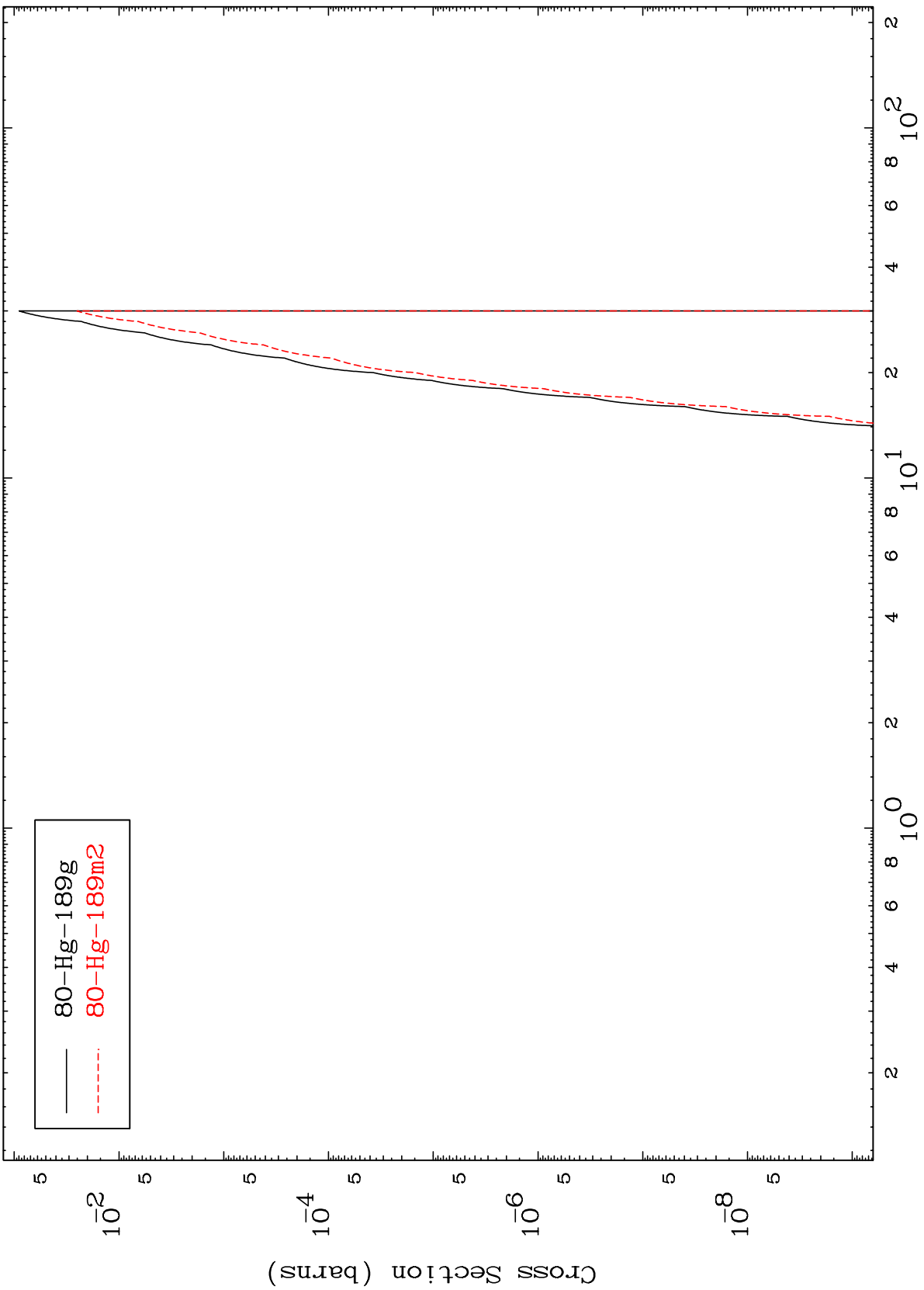
80-Hg-189

MAT 8005

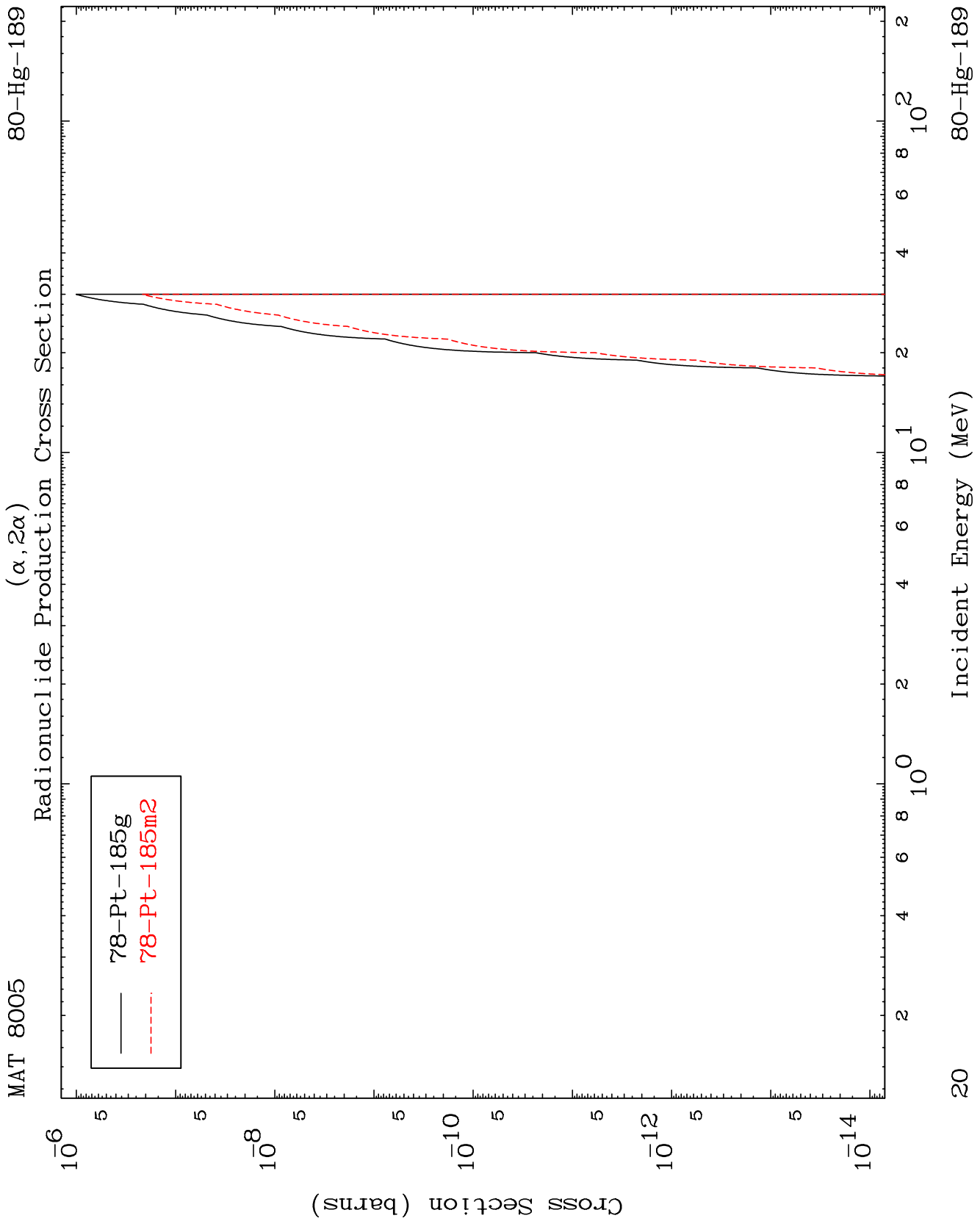
(α, α)

80-Hg-189

Radionuclide Production Cross Section



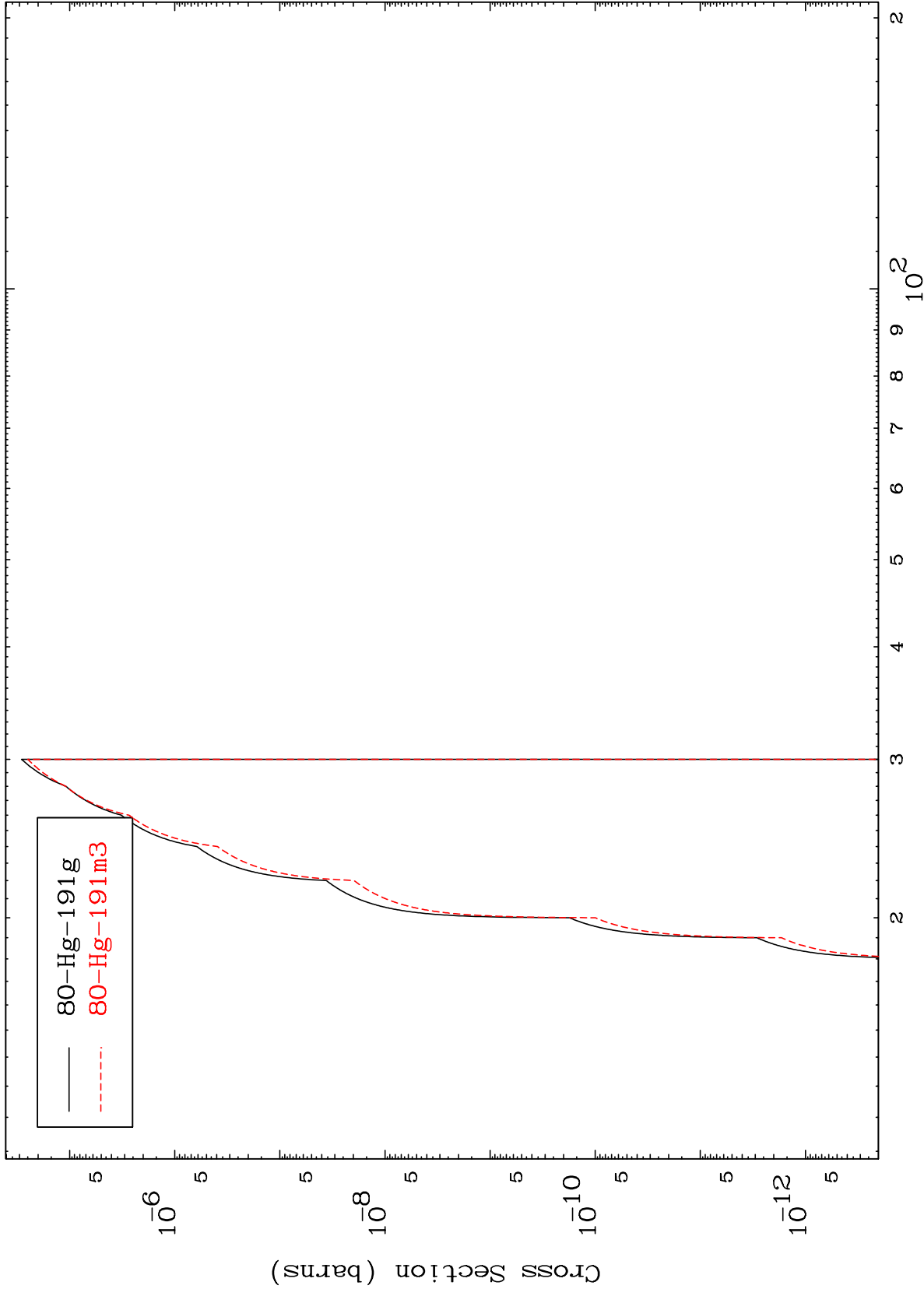
80-Hg-189g
80-Hg-189m2



MAT 8005

80-Hg-189

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



80-Hg-189

Incident Energy (MeV)