

Program EVALPLOT  
(Version 2018-1)

by

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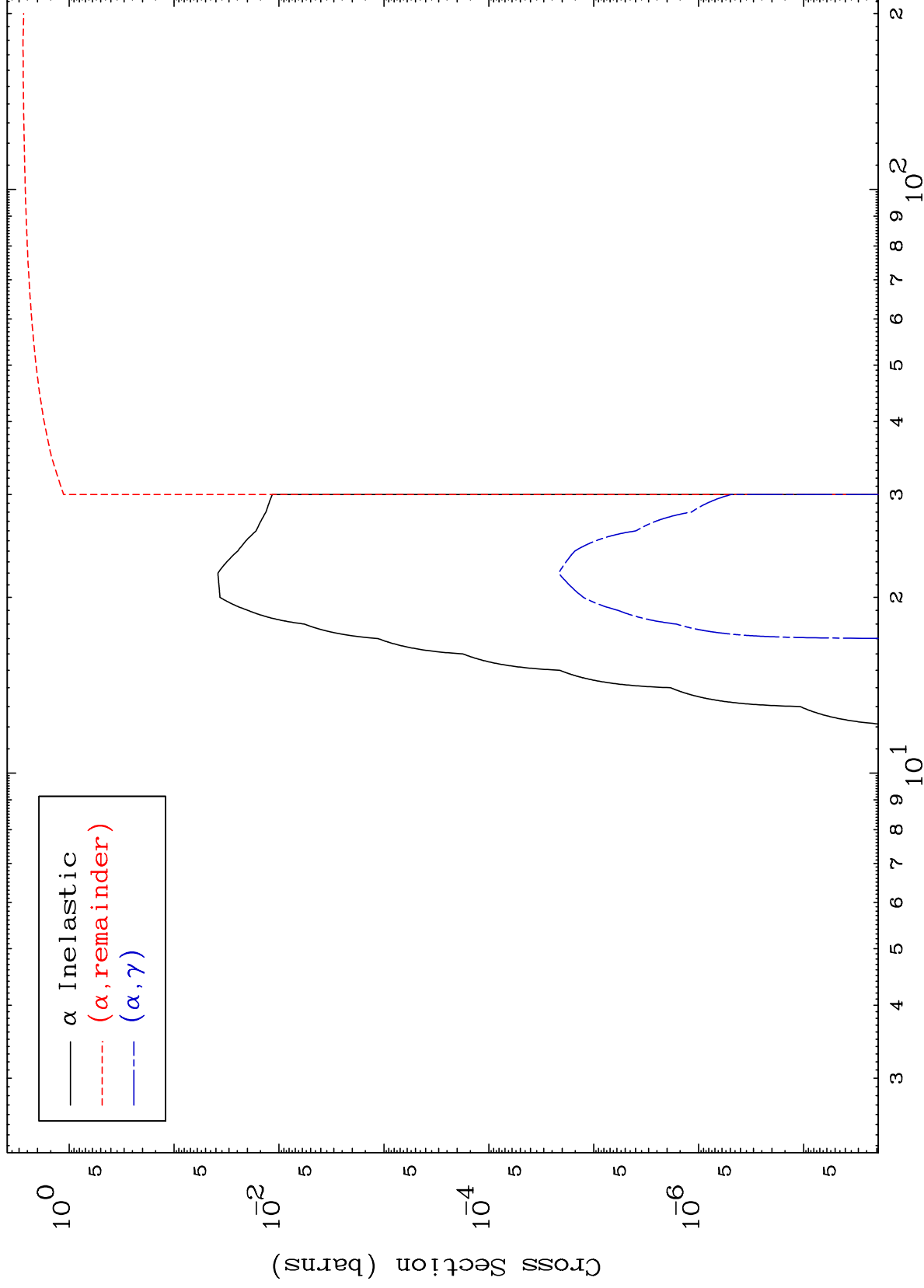
Press Mouse Button to Start

MAT 8034

$\alpha$  Major

0 Kelvin Cross Sections

80-Hg-199



1

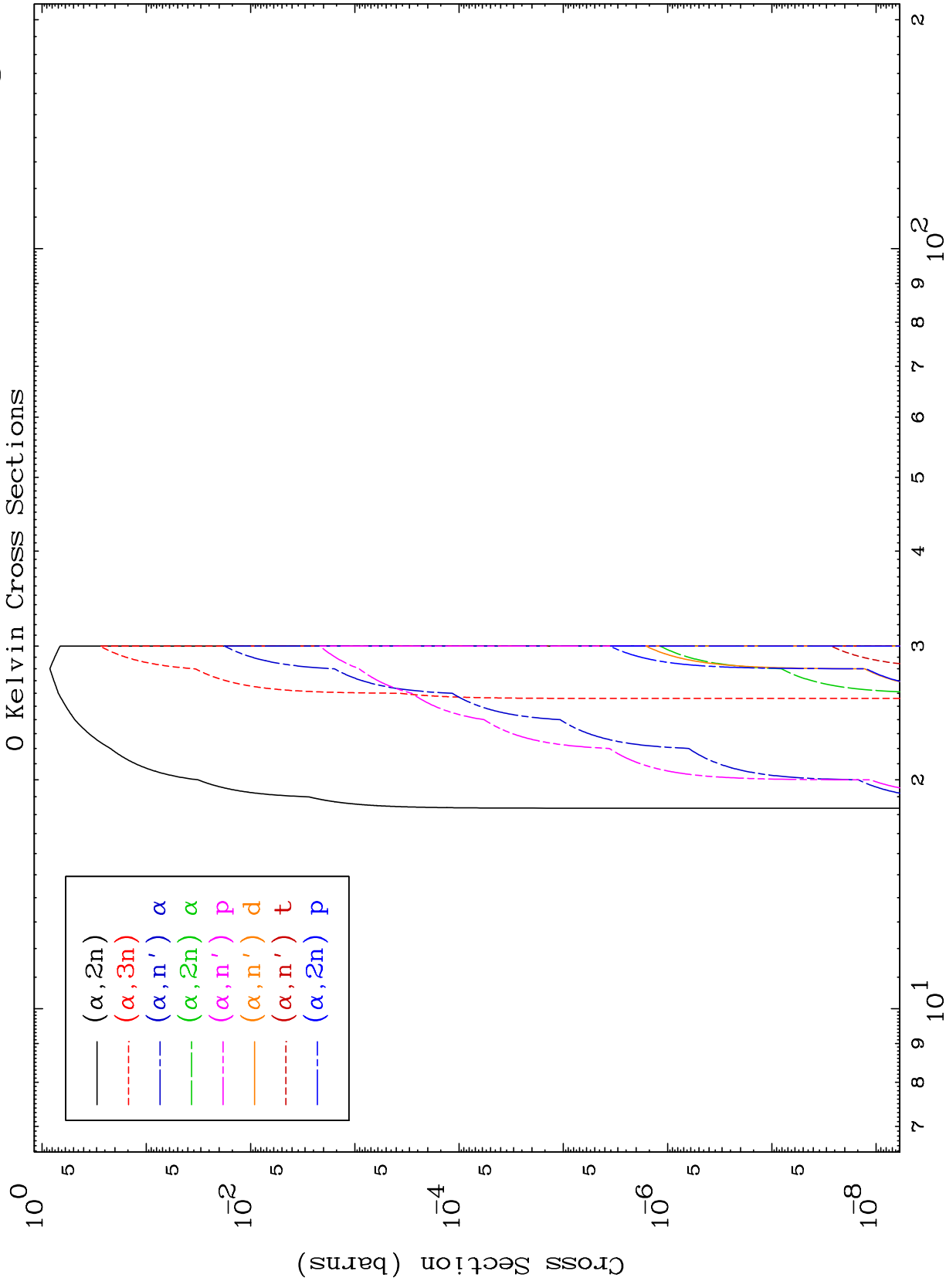
Incident Energy (MeV)

80-Hg-199

MAT 8034

# $\alpha$ Neutron Production 0 Kelvin Cross Sections

80-Hg-199



2

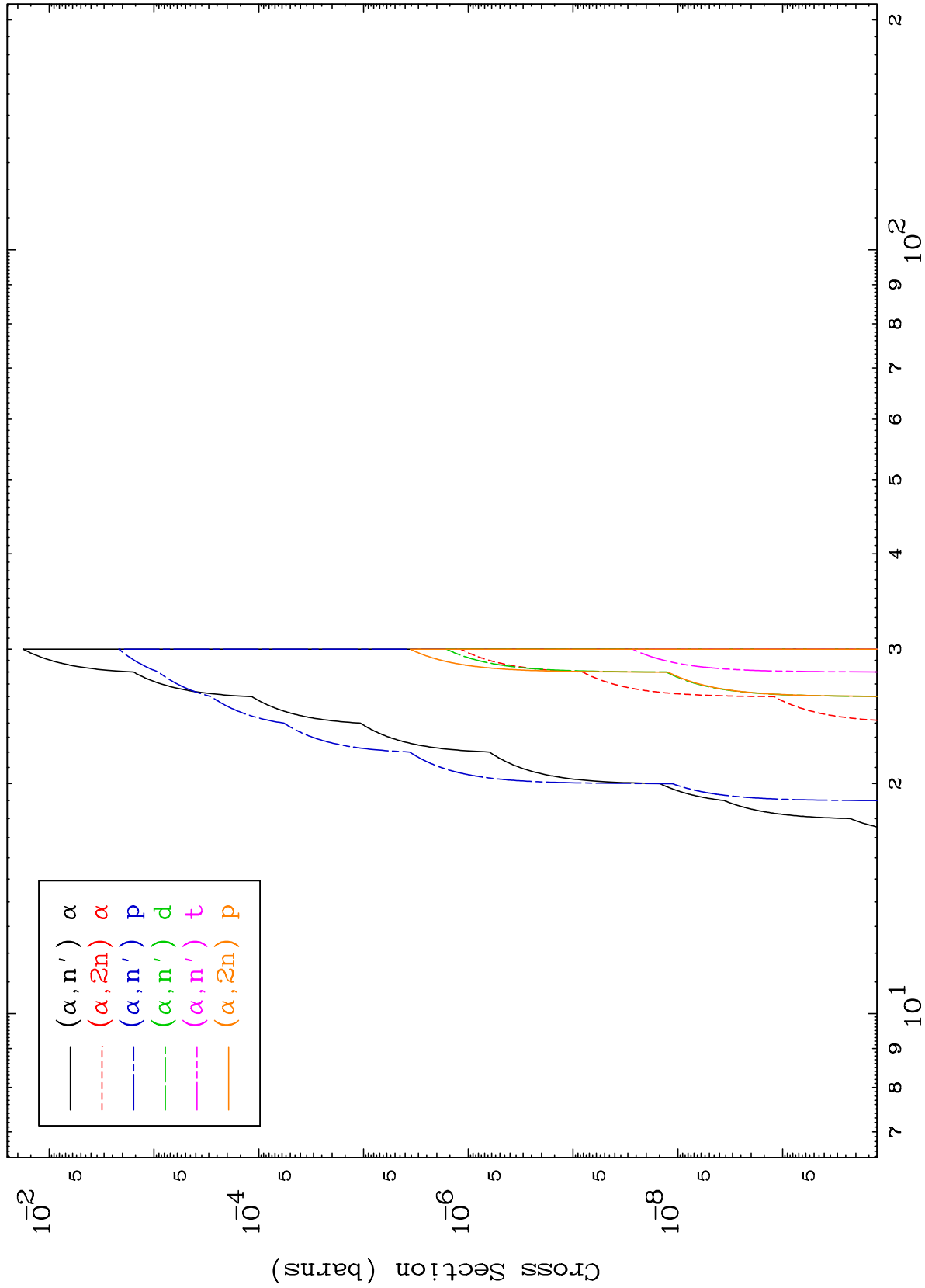
Incident Energy (MeV)

80-Hg-199

MAT 8034

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-199



3

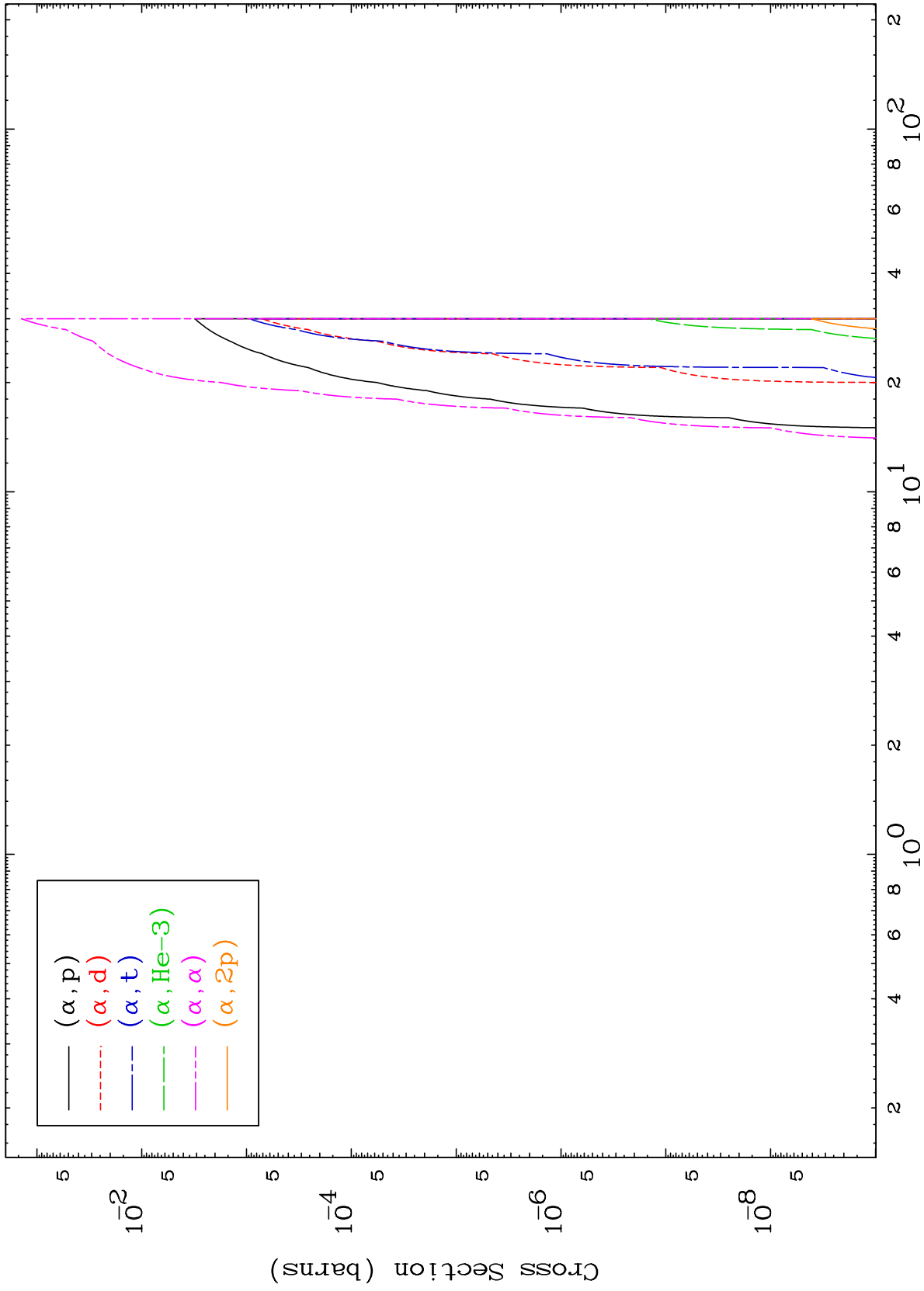
Incident Energy (MeV)

80-Hg-199

MAT 8034

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-199

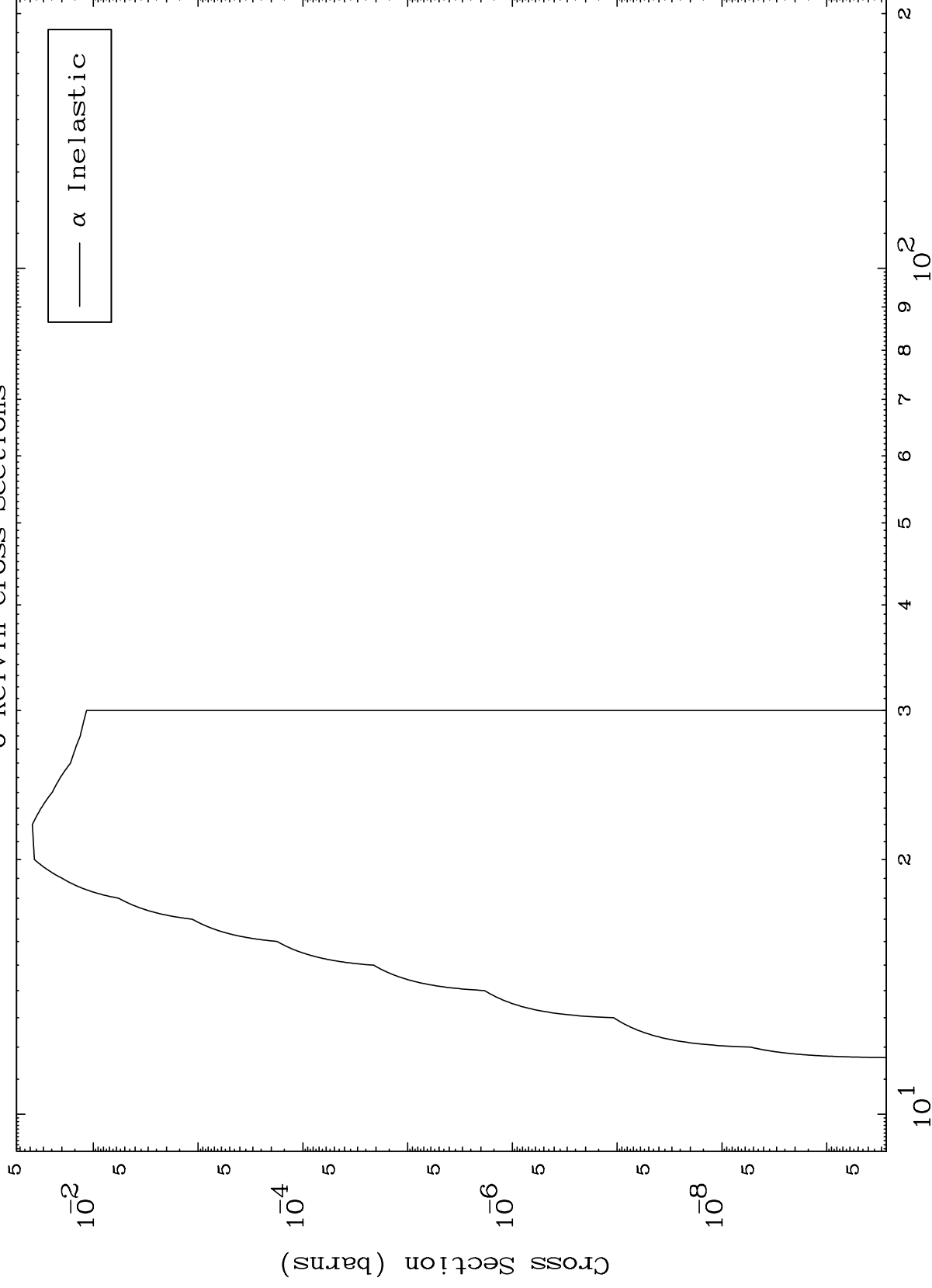


MAT 8034

( $\alpha, n'$ ) Level

80-Hg-199

0 Kelvin Cross Sections



$\alpha$  Inelastic

5

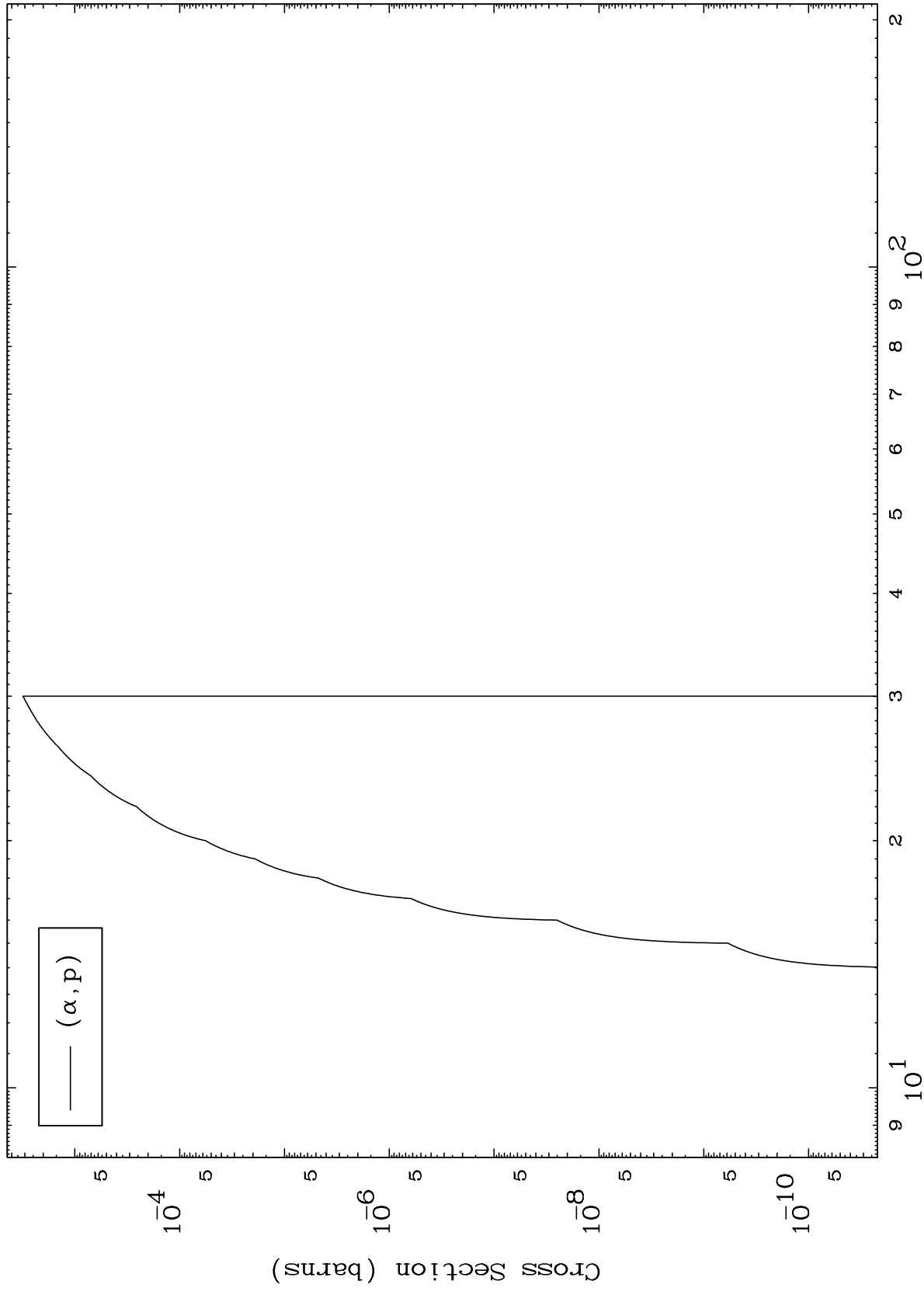
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

( $\alpha$ ,p) Levels  
0 Kelvin Cross Sections



6

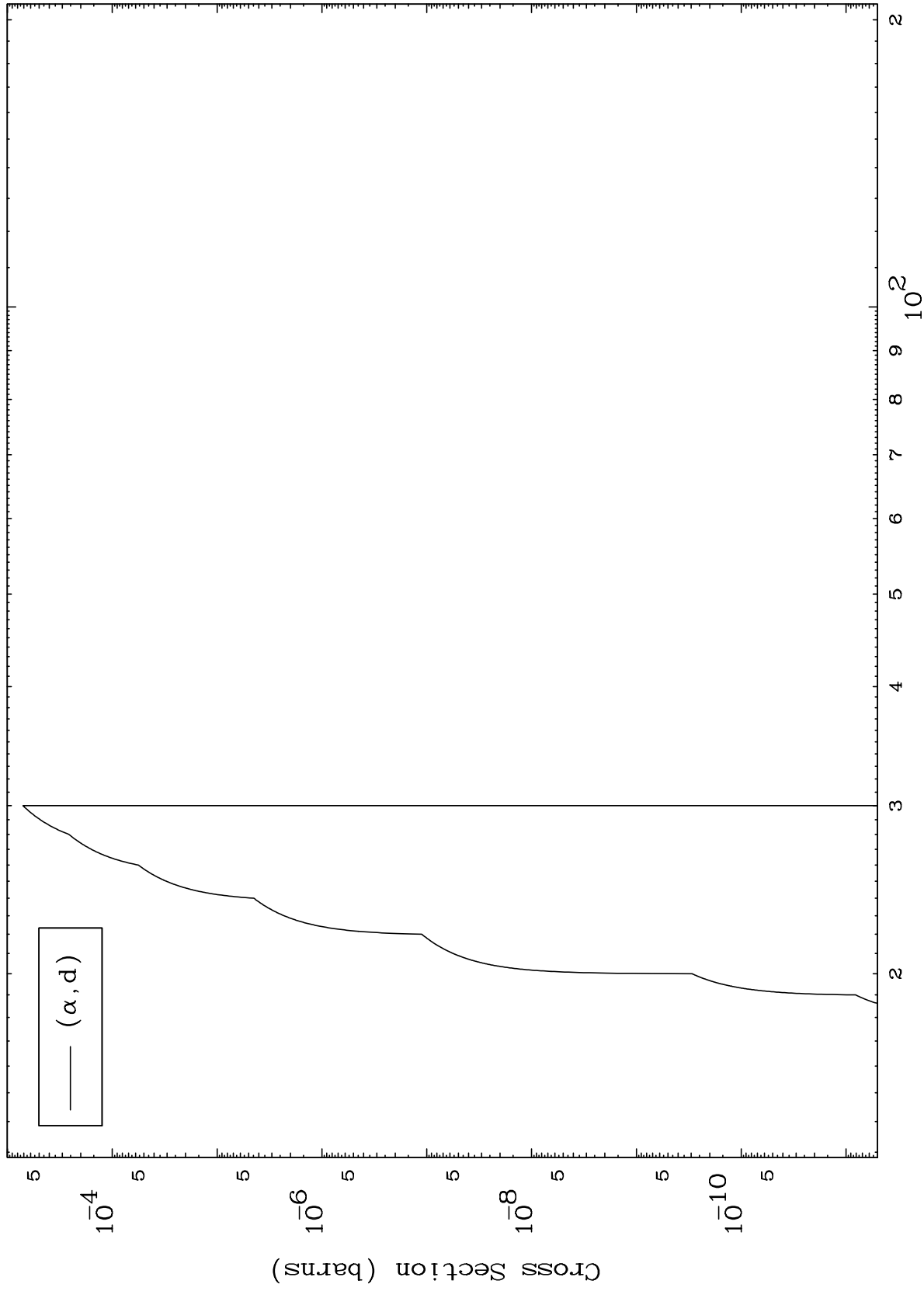
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

( $\alpha$ ,d) Levels  
0 Kelvin Cross Sections



7

80-Hg-199

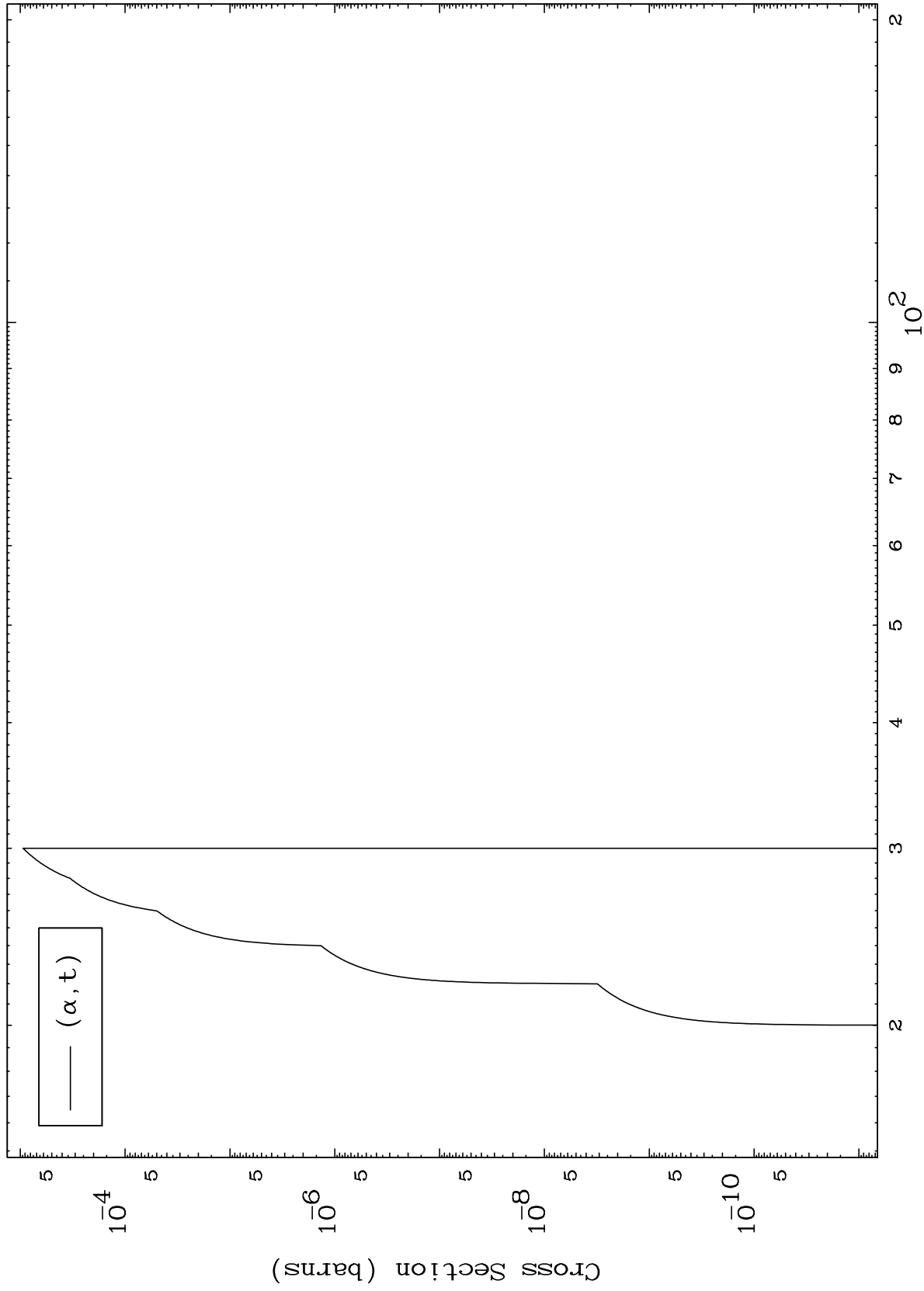
Incident Energy (MeV)



MAT 8034

80-Hg-199

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

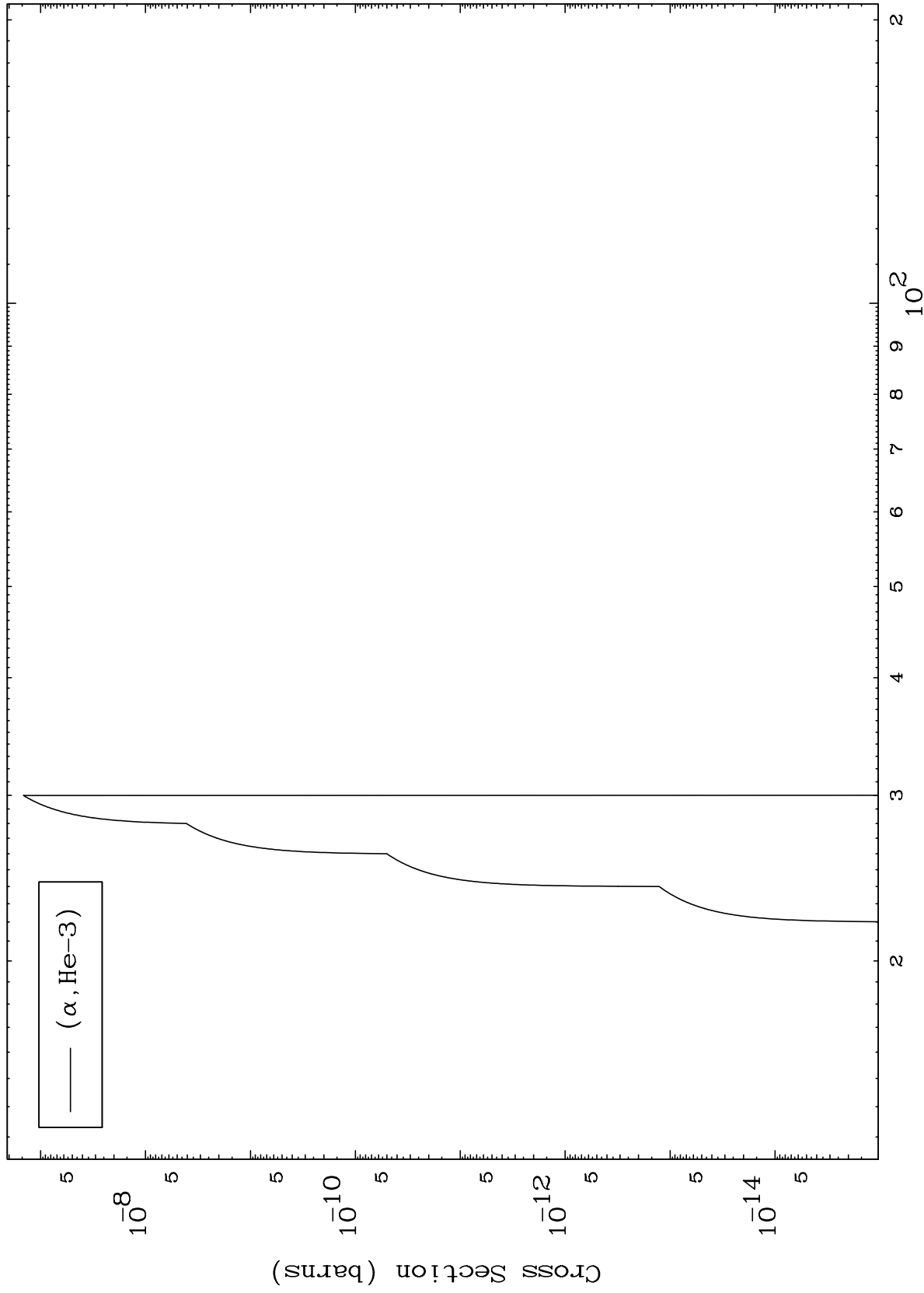


8

Incident Energy (MeV)

80-Hg-199

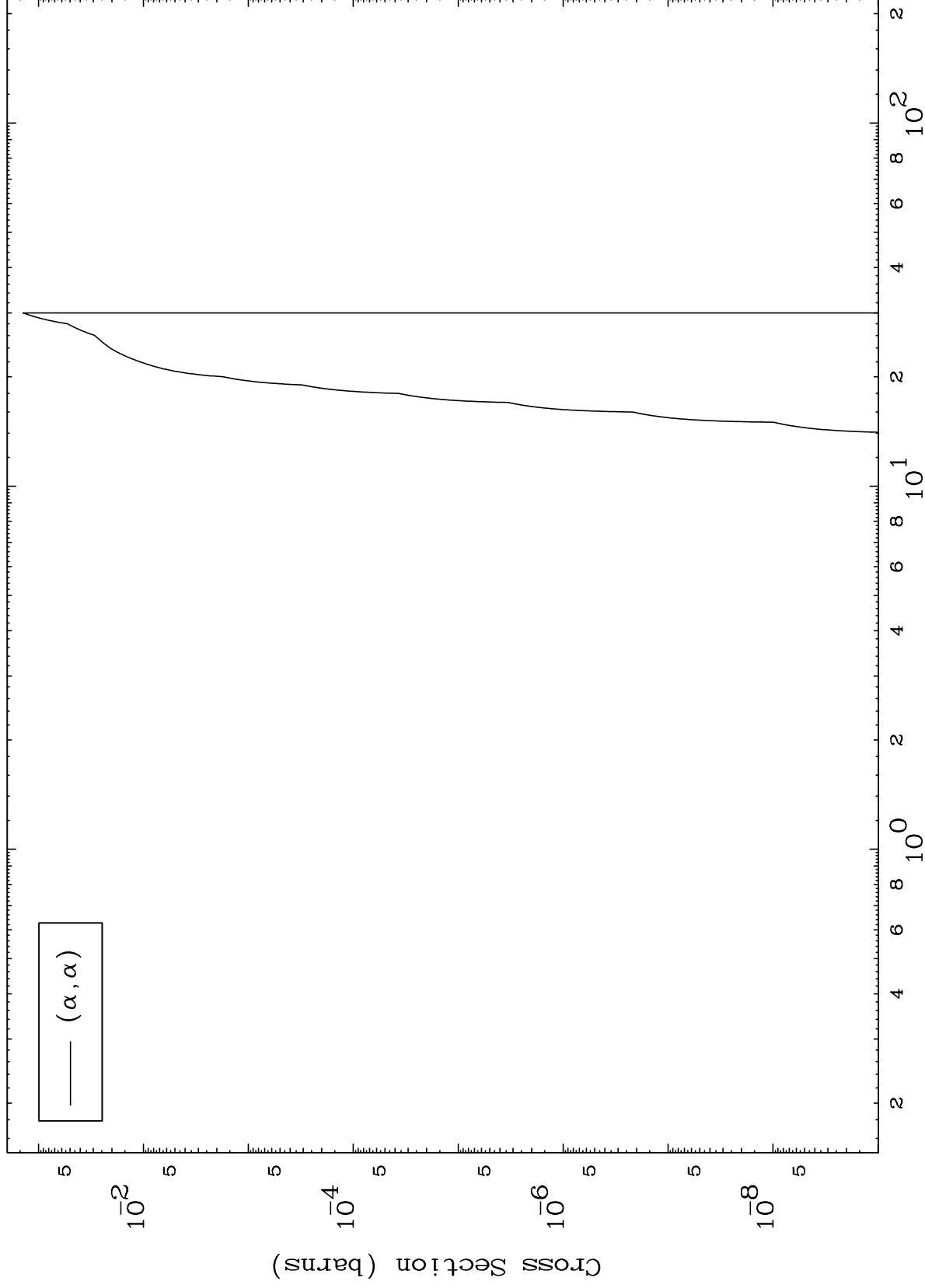
( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections



MAT 8034

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

80-Hg-199



10

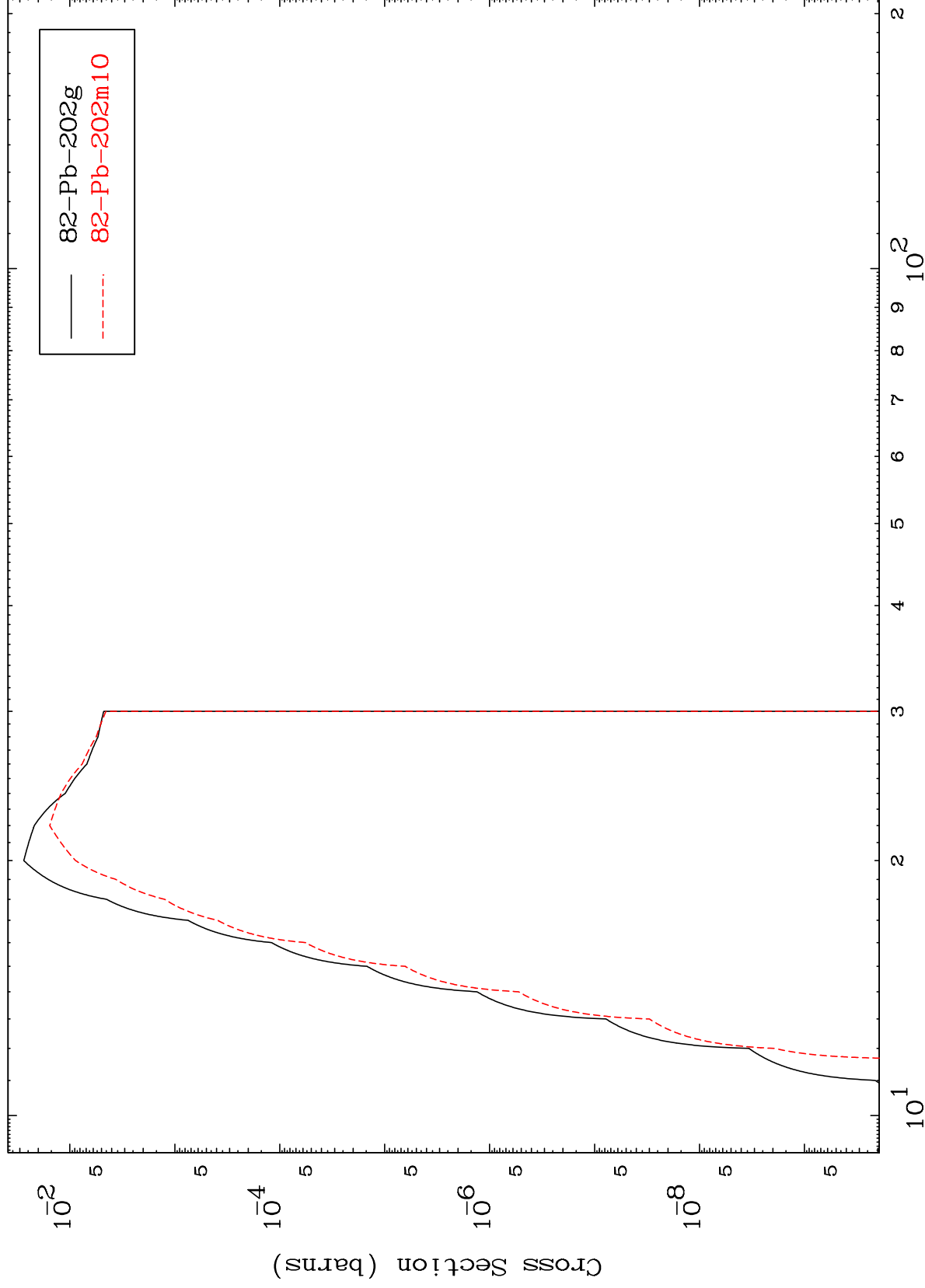
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

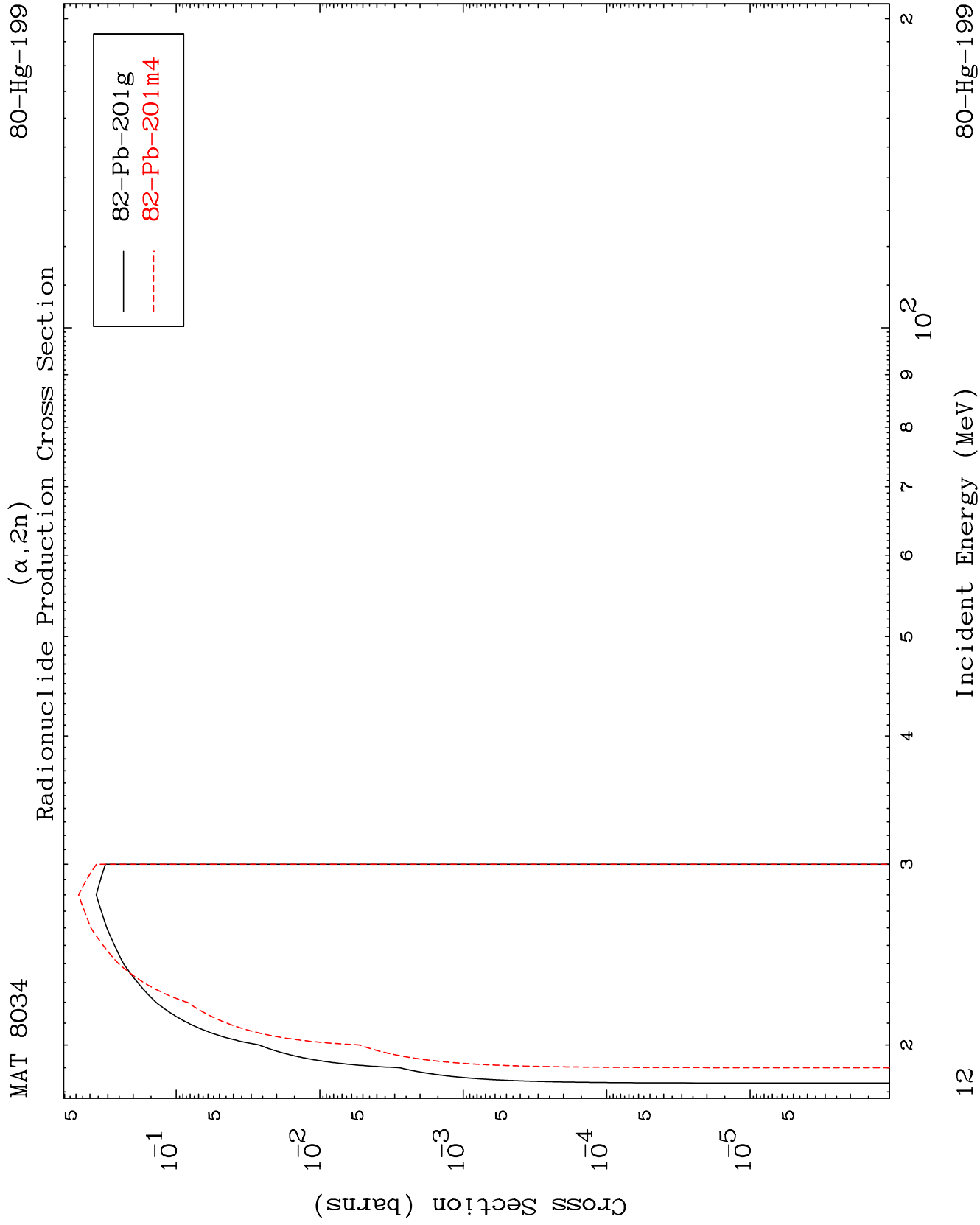
$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

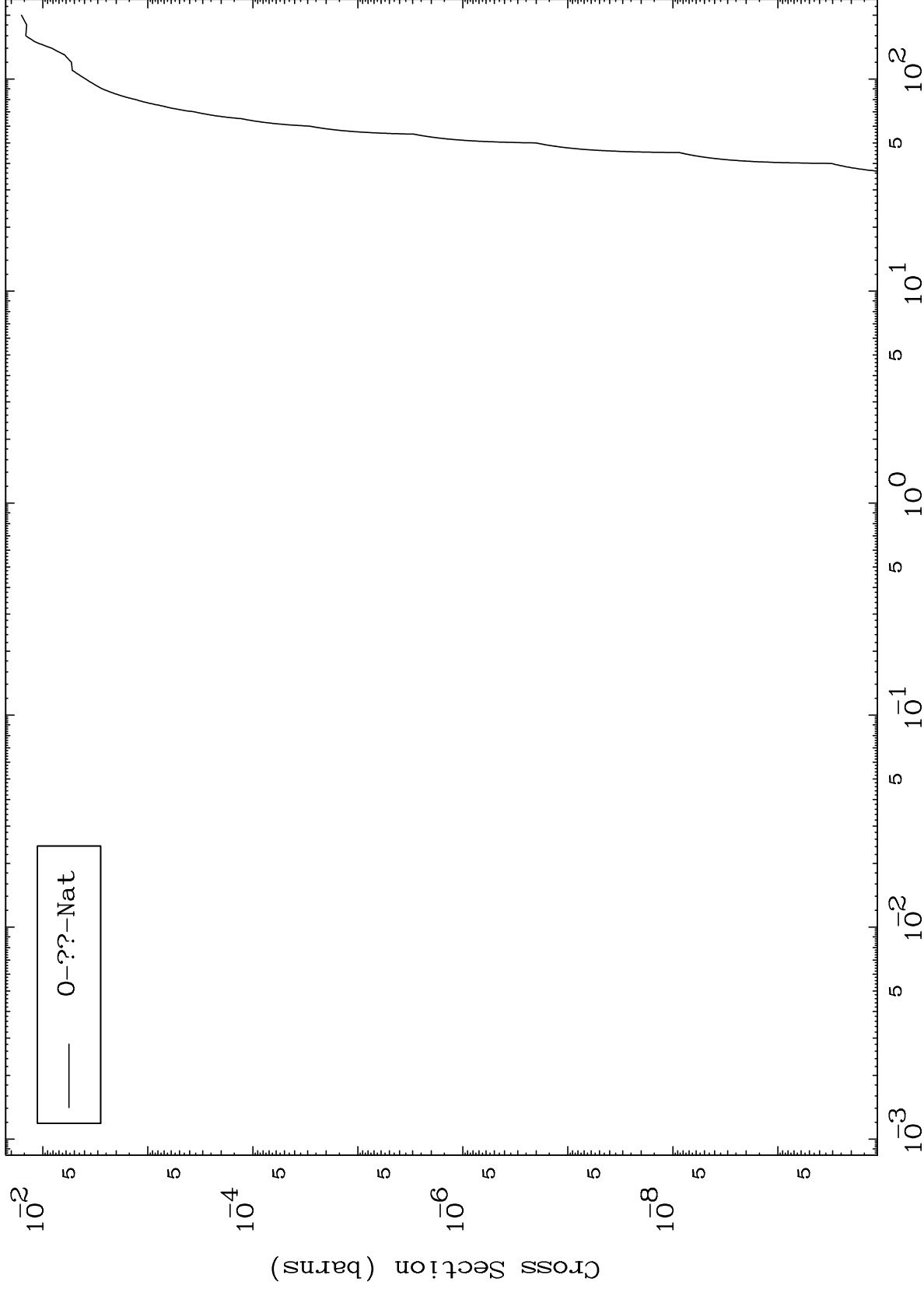
80-Hg-199



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$\alpha$  Fission  
Radionuclide Production Cross Section

80-Hg-199



Incident Energy (MeV)

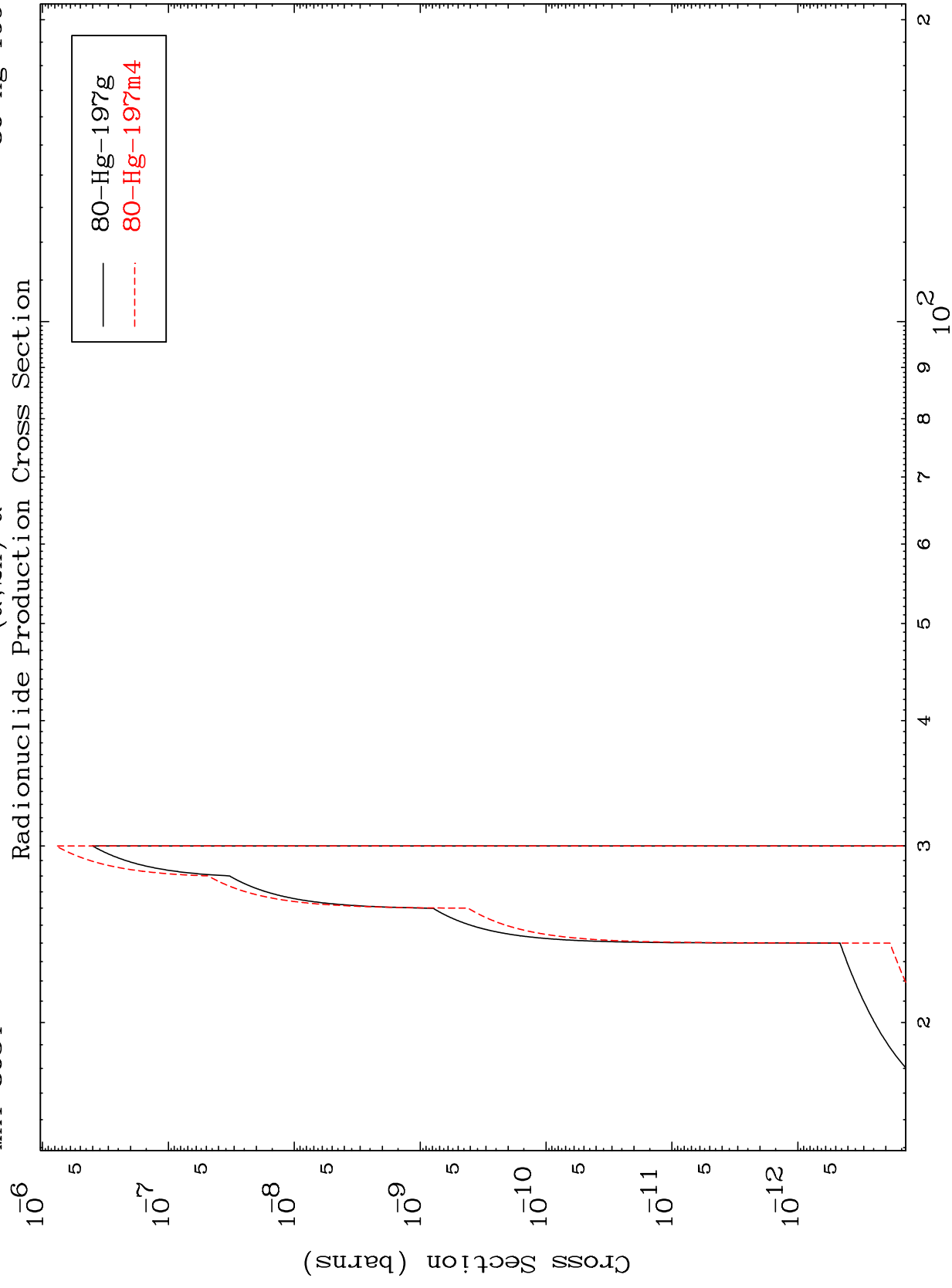
80-Hg-199

MAT 8034

$$(\alpha, 2n) \propto$$

80-Hg-199

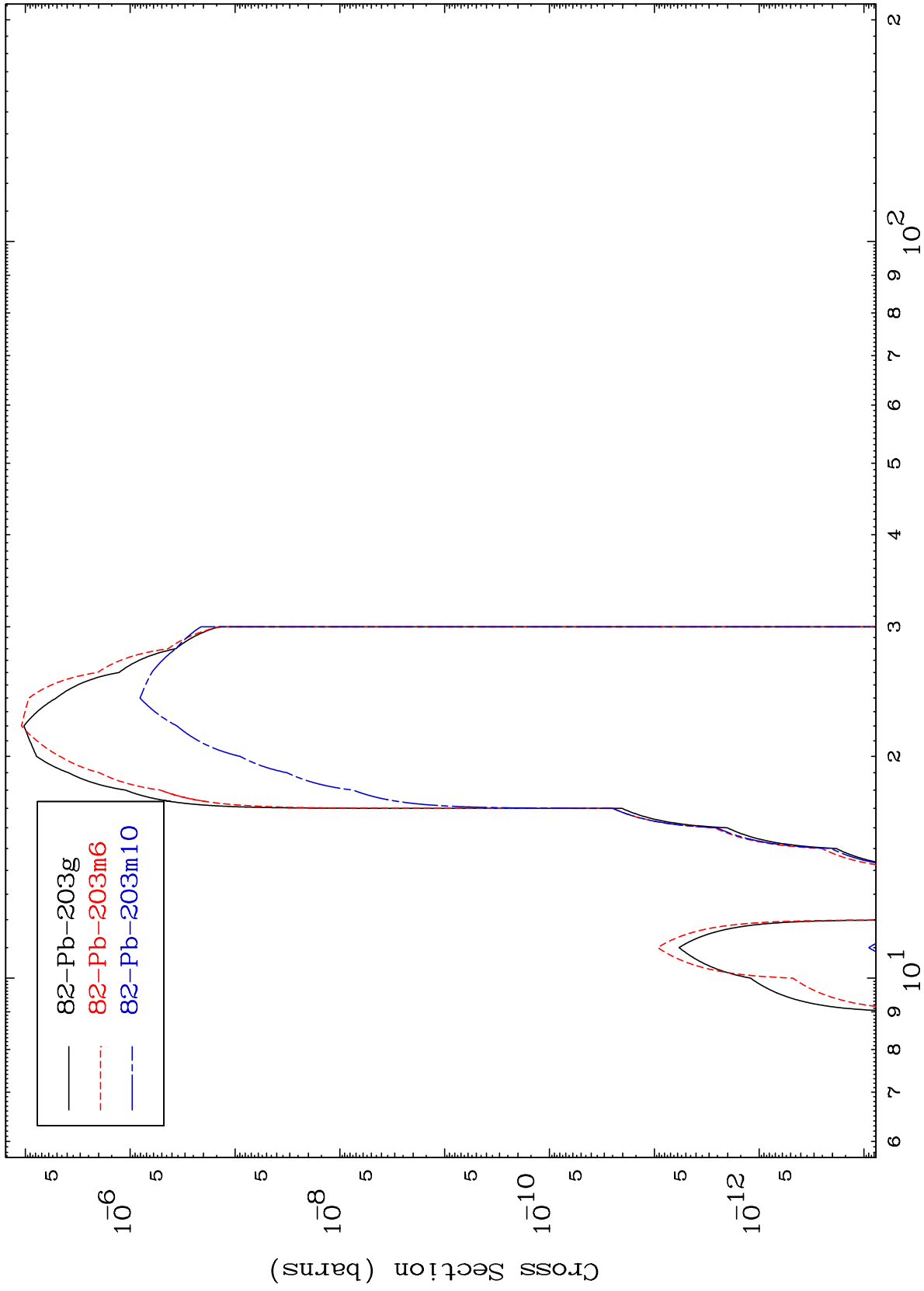
Radionuclide Production Cross Section



MAT 8034

80-Hg-199

$(\alpha, \gamma)$   
Radionuclide Production Cross Section



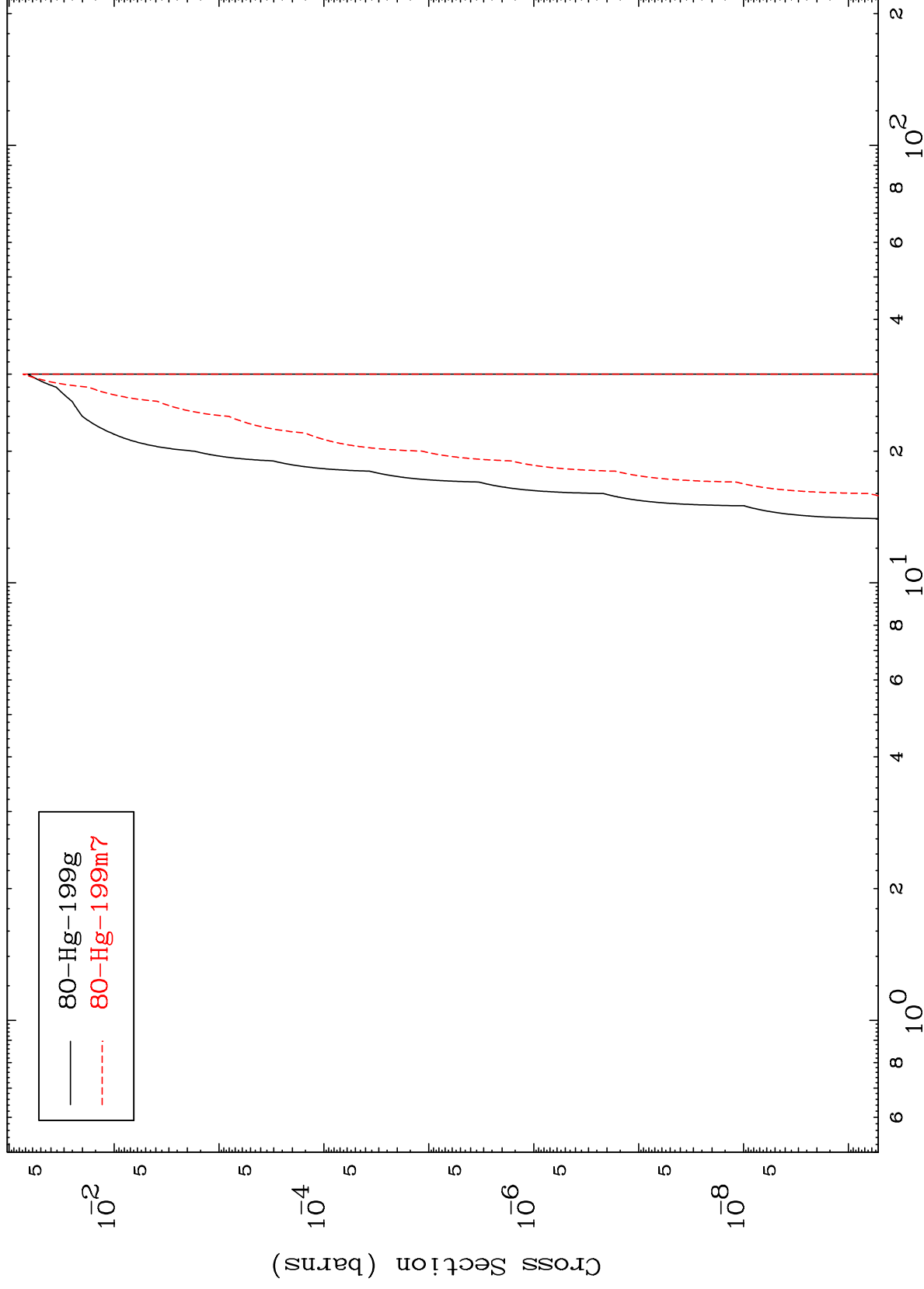


MAT 8034

$(\alpha, \alpha)$

80-Hg-199

Radionuclide Production Cross Section



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Incident Energy (MeV)

80-Hg-199