

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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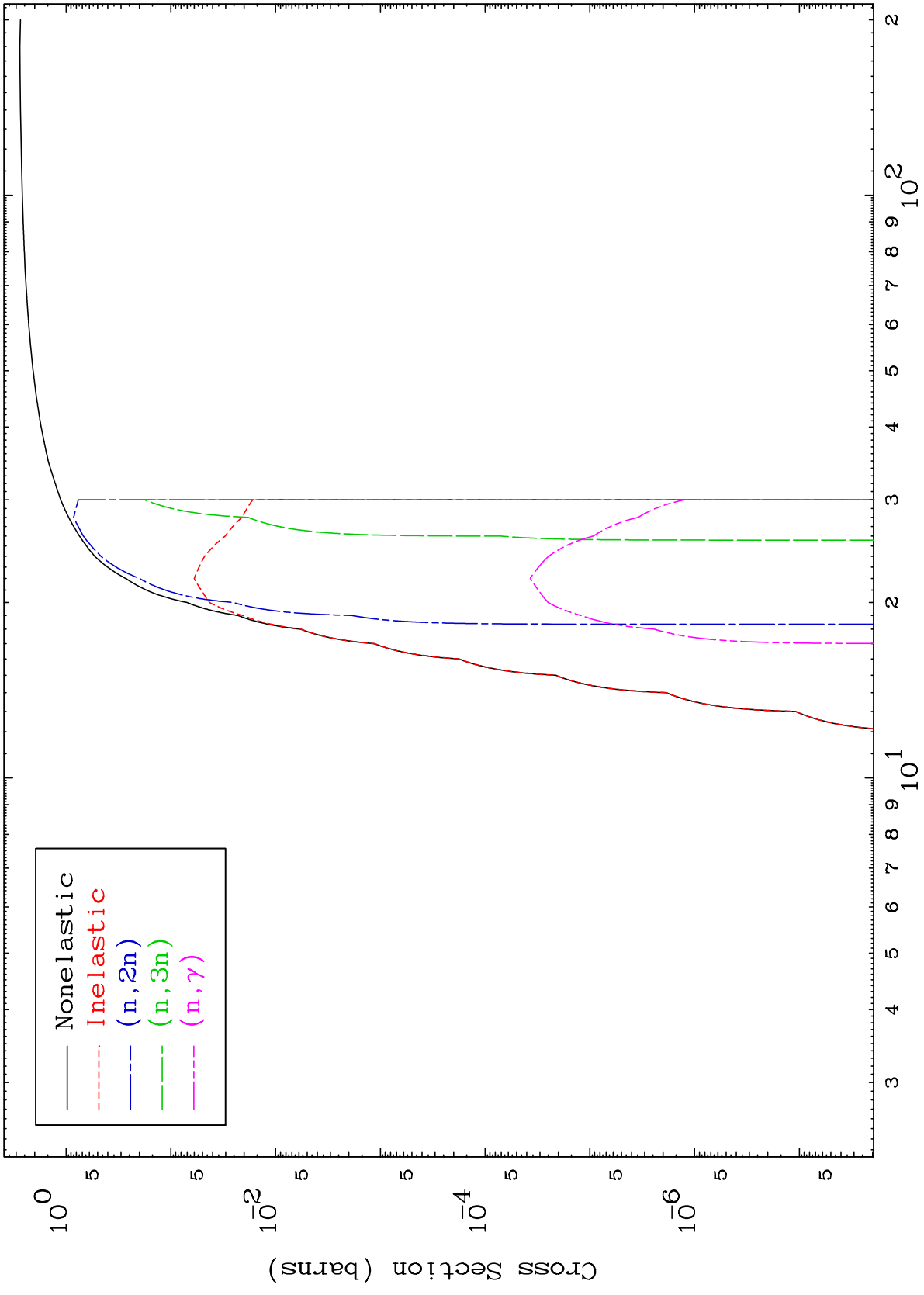
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8034

0 Kelvin  $\alpha$  Major

80-Hg-199

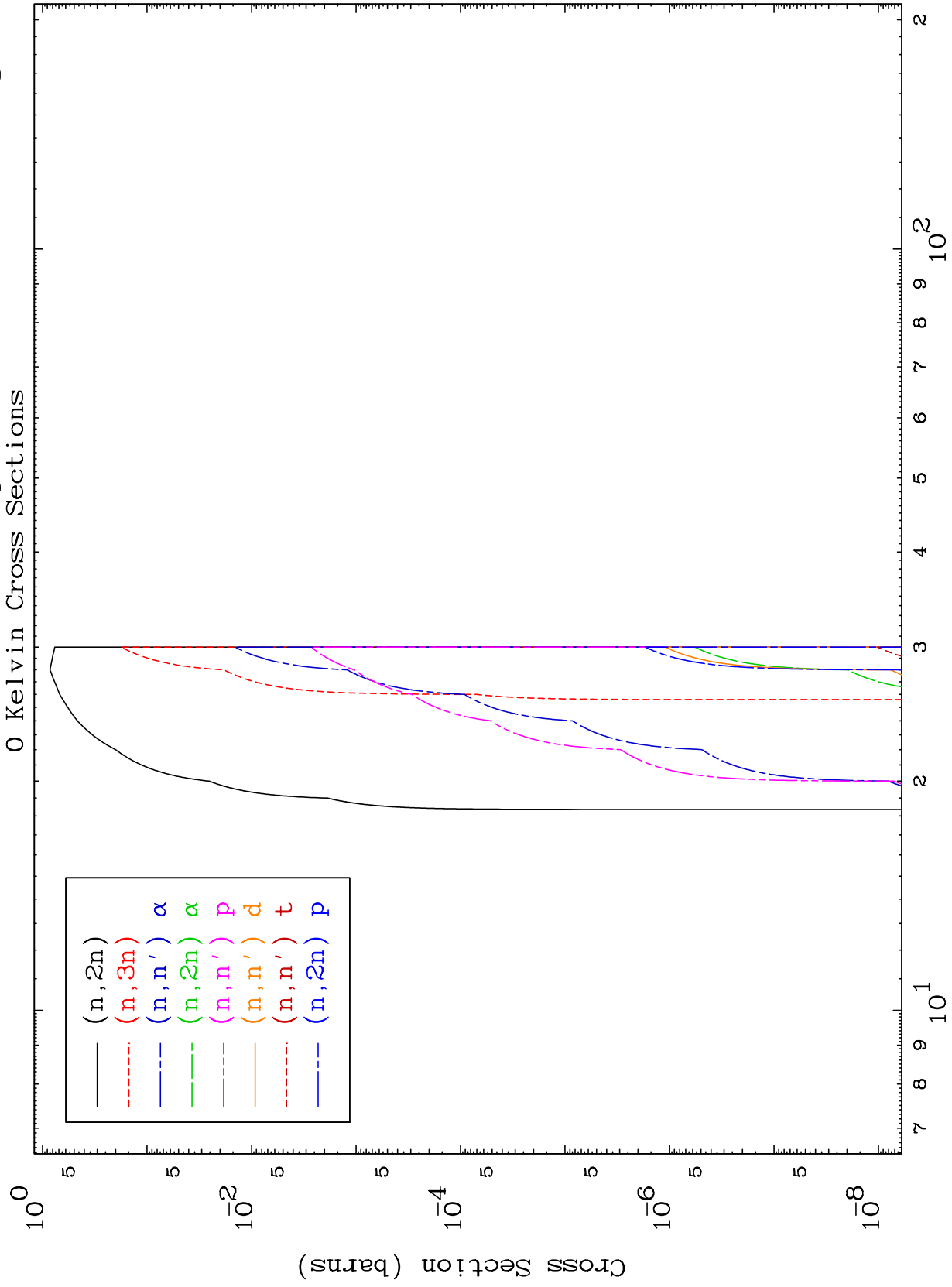


80-Hg-199

MAT 8034

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-199



2

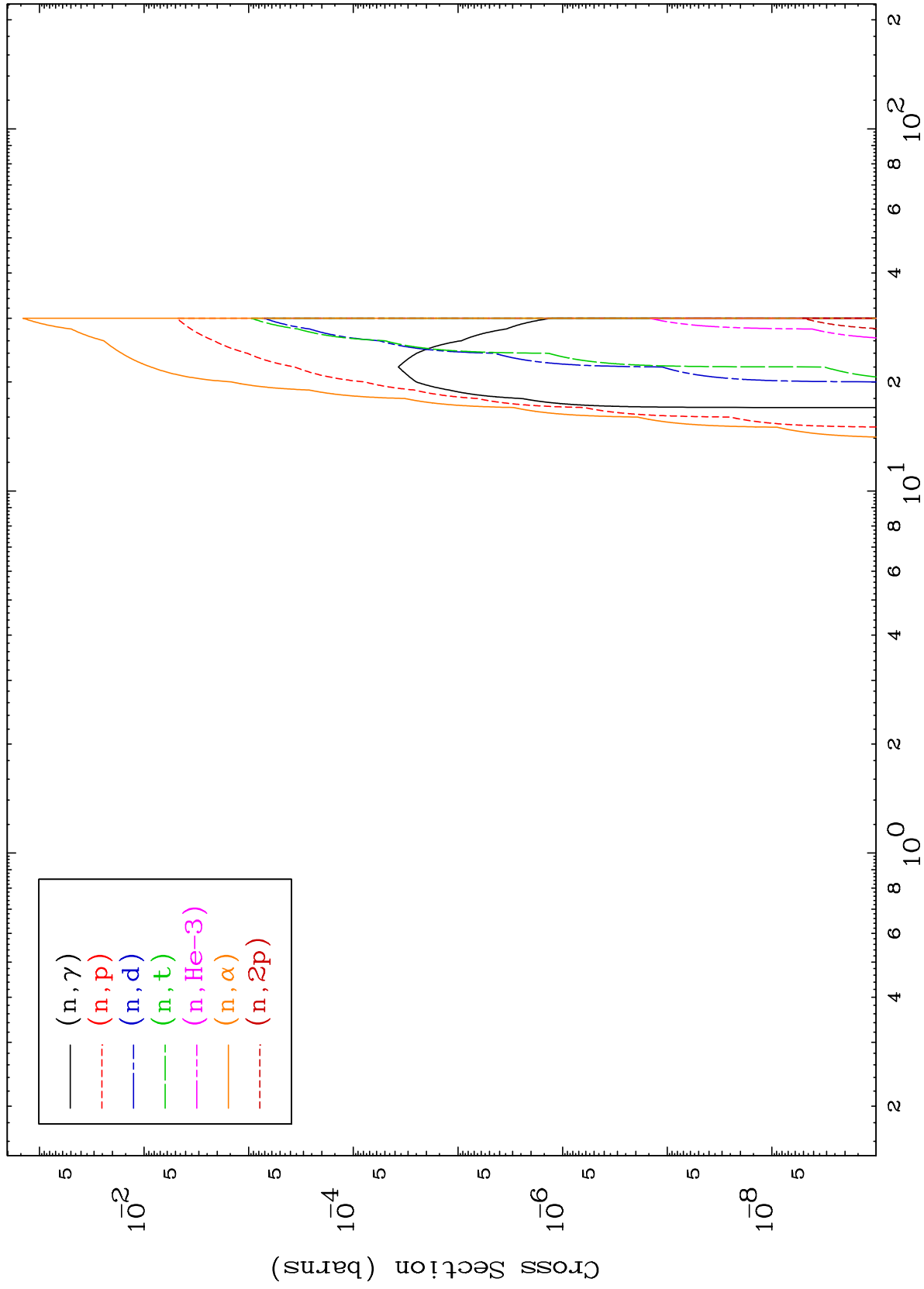
Incident Energy (MeV)

80-Hg-199

MAT 8034

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

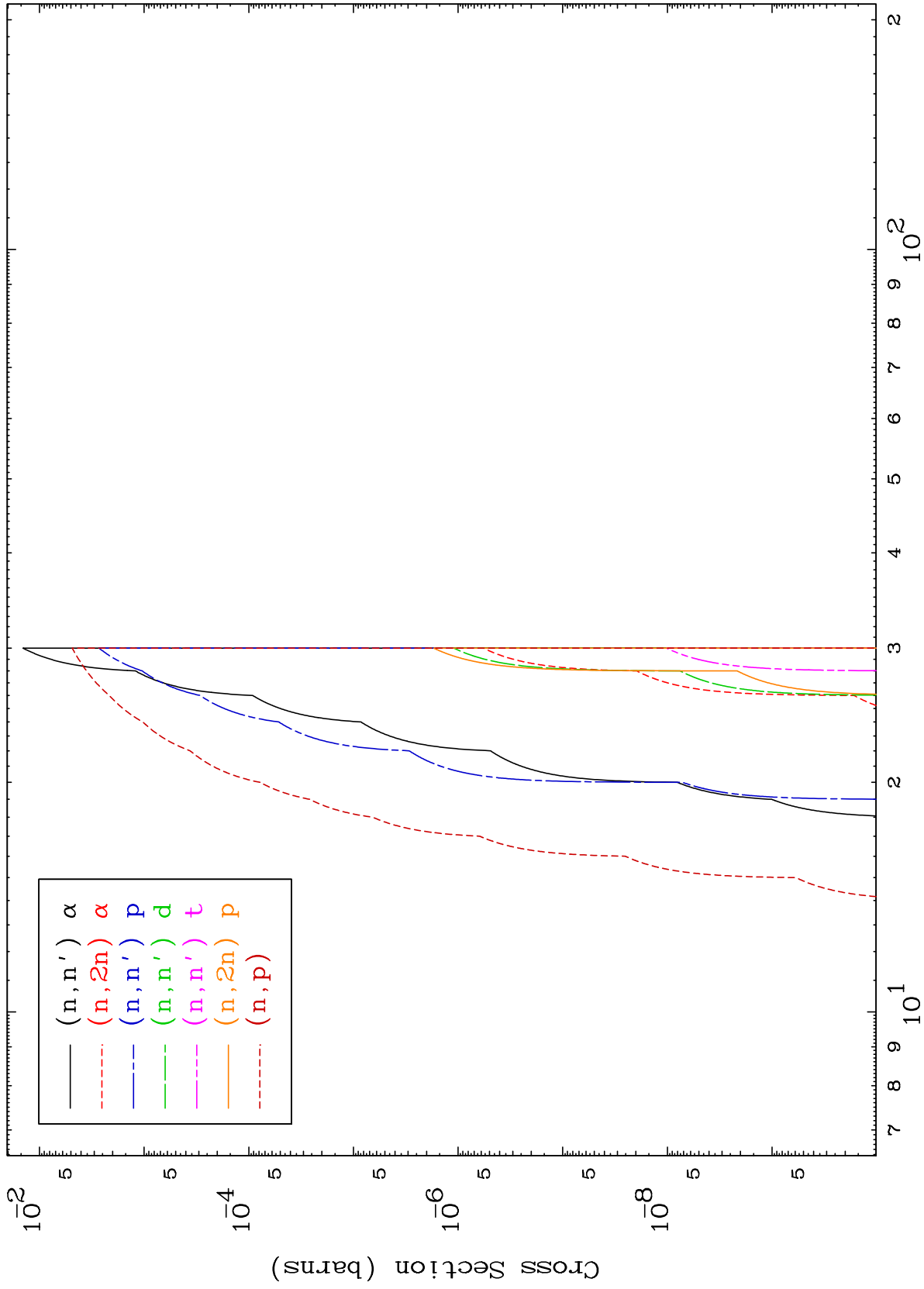
80-Hg-199



3

Incident Energy (MeV)

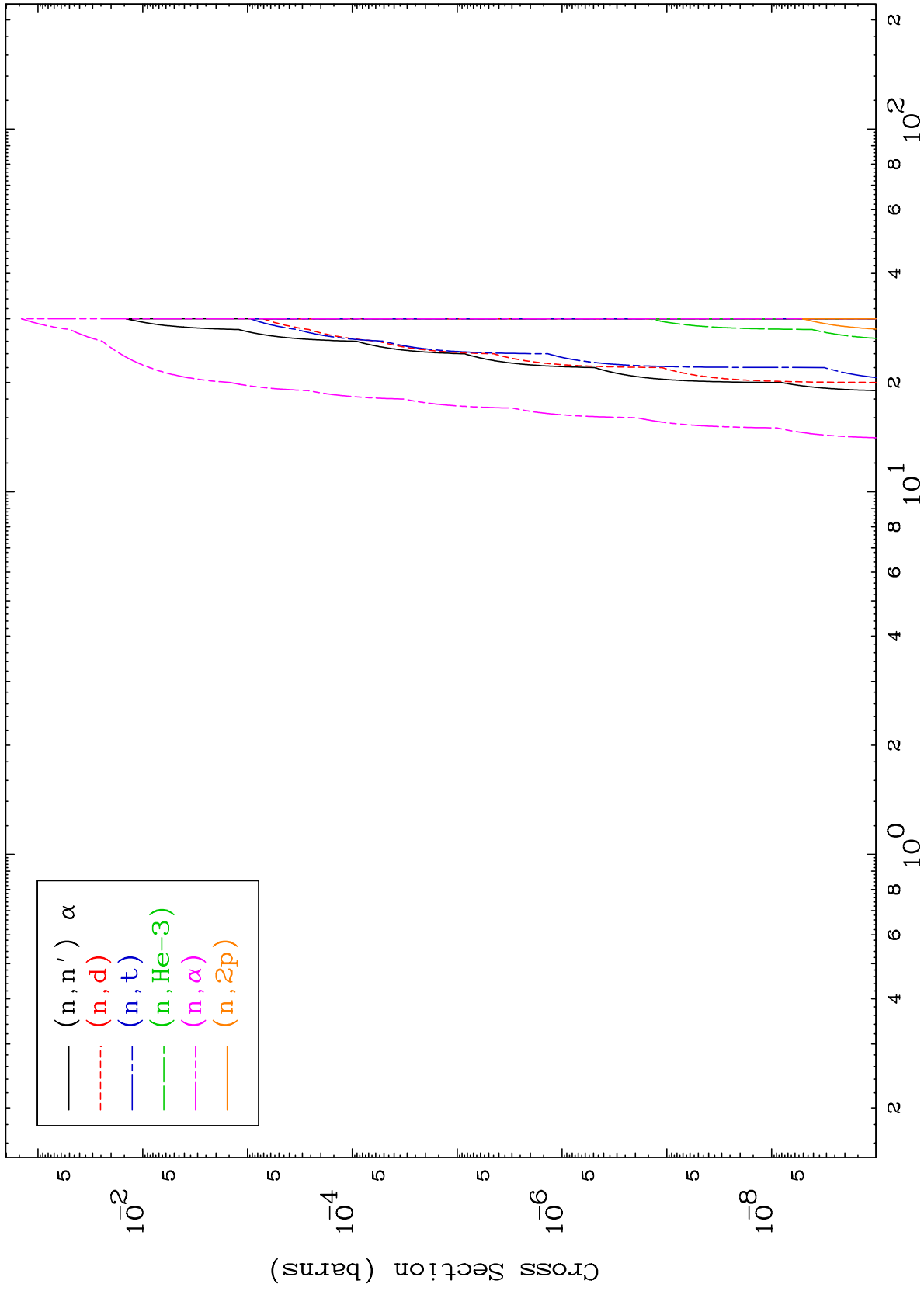
80-Hg-199



MAT 8034

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-199



5

Incident Energy (MeV)

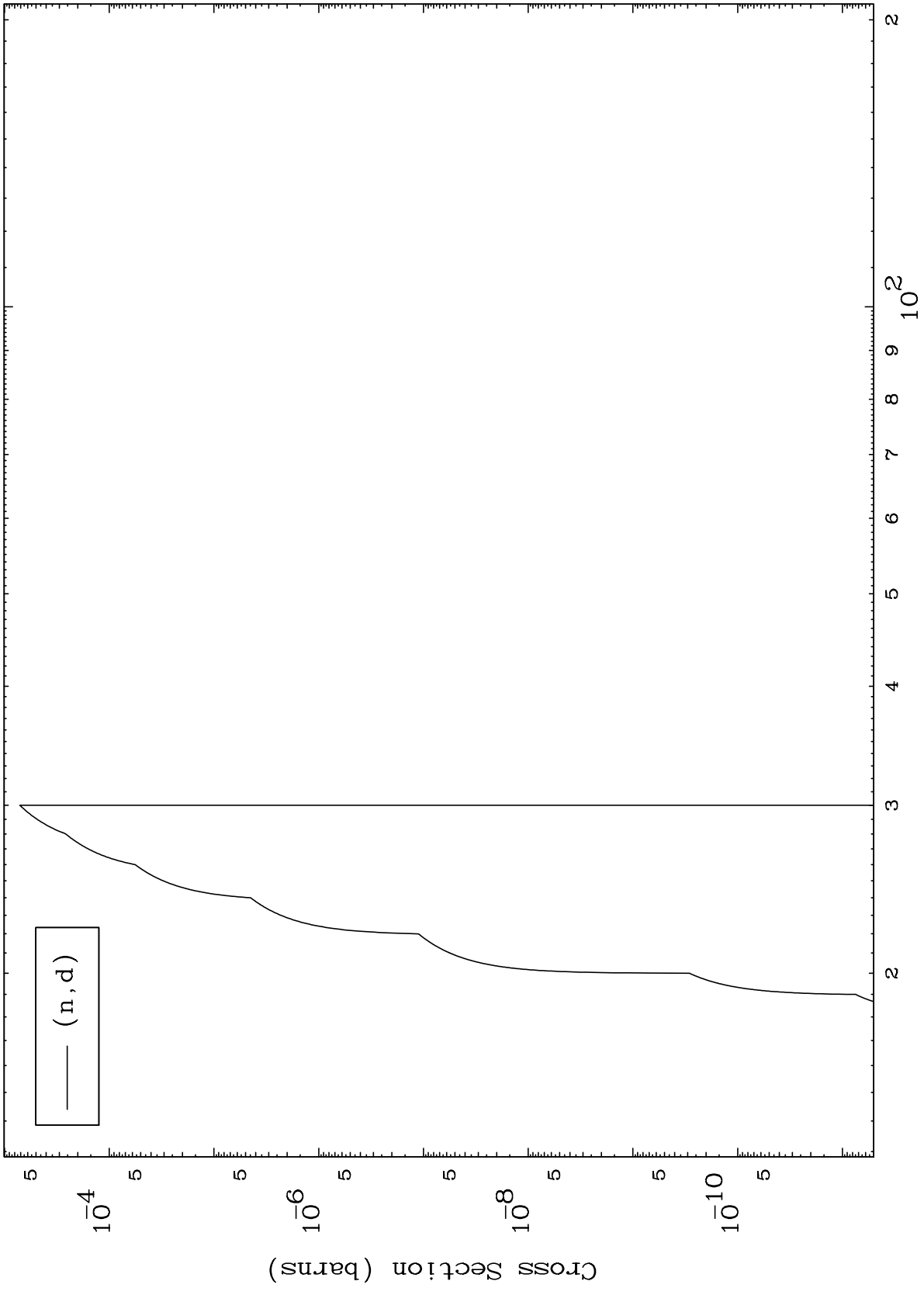
80-Hg-199



MAT 8034

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

80-Hg-199



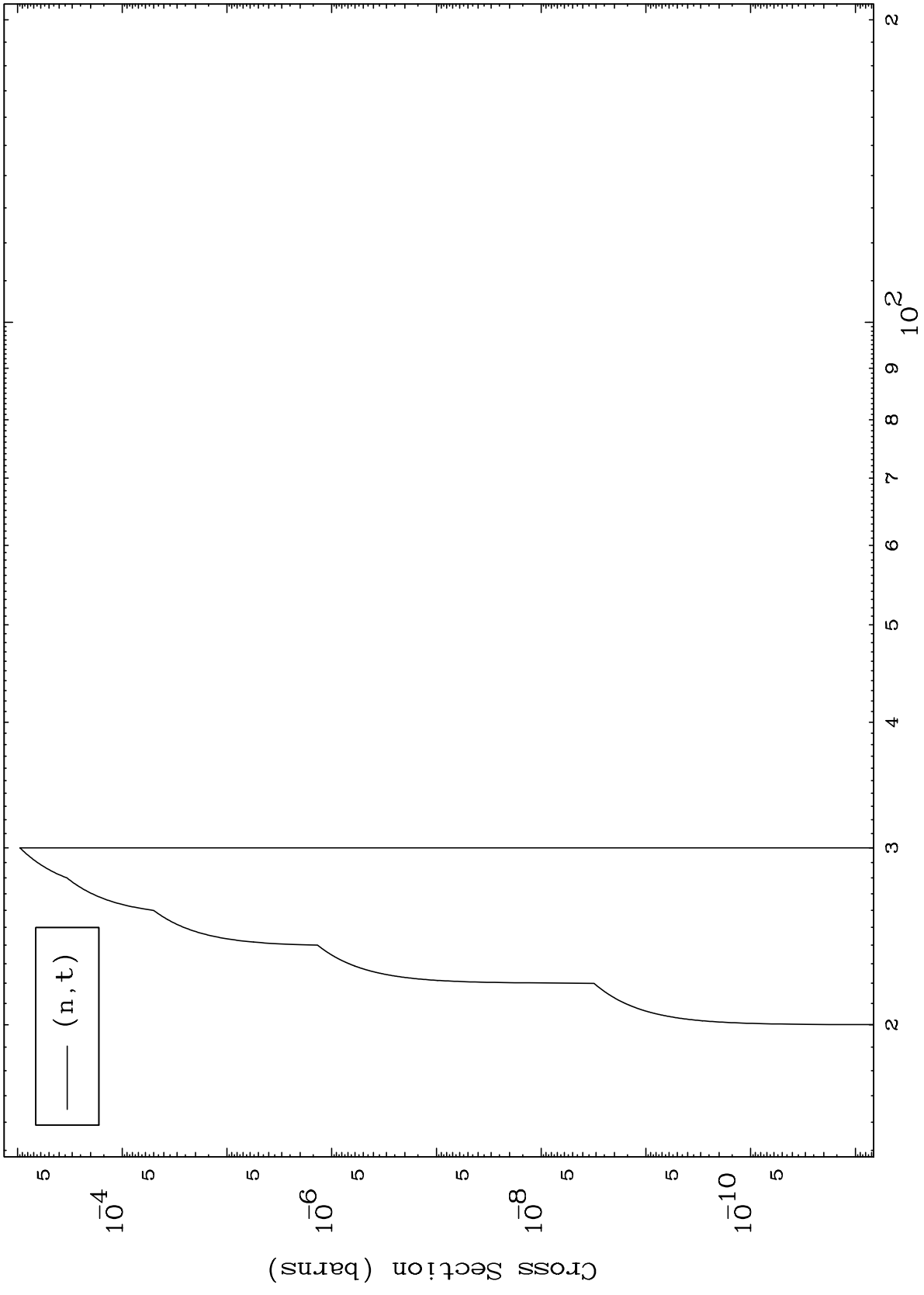
7

80-Hg-199

MAT 8034

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

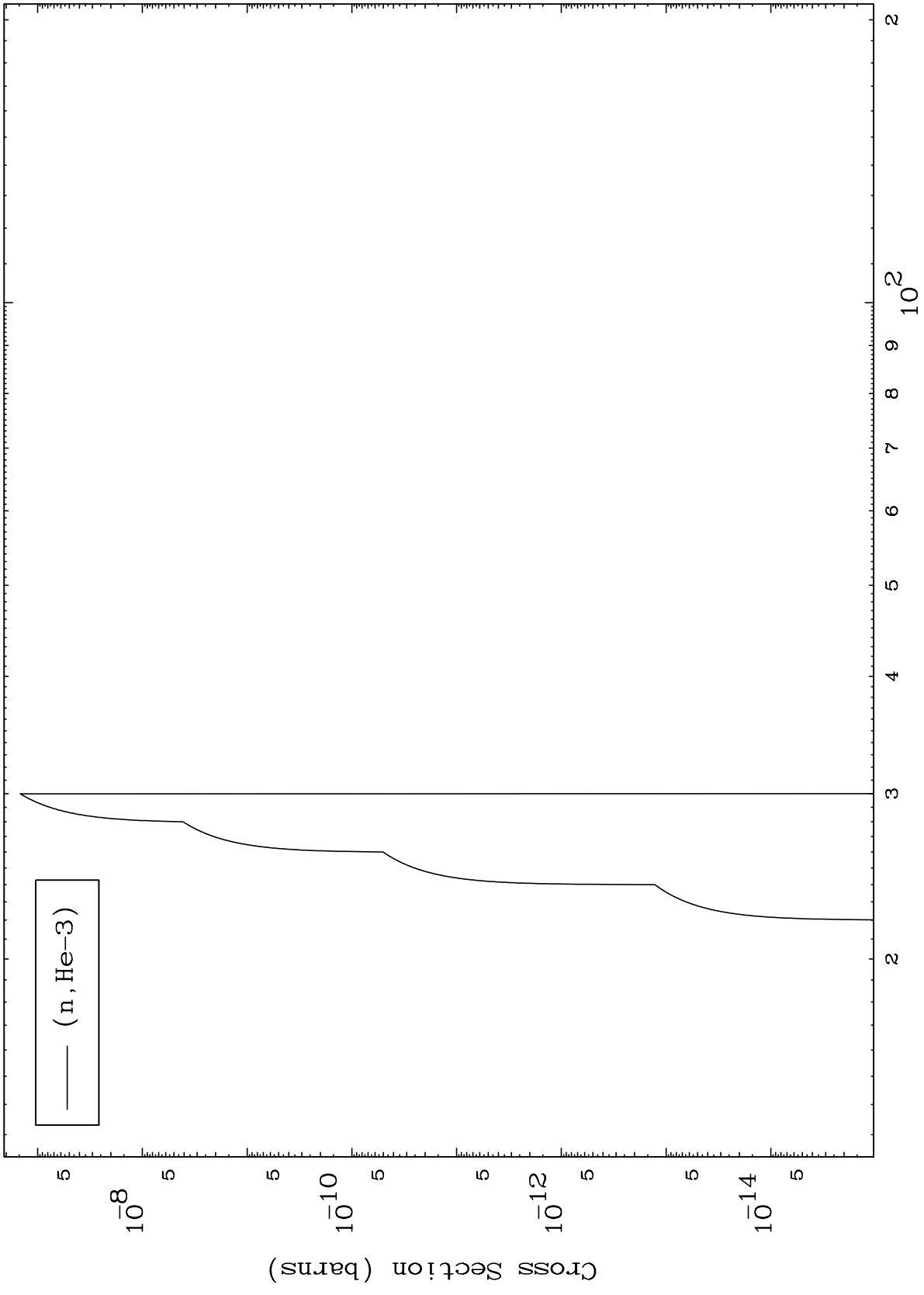
80-Hg-199



8

Incident Energy (MeV)

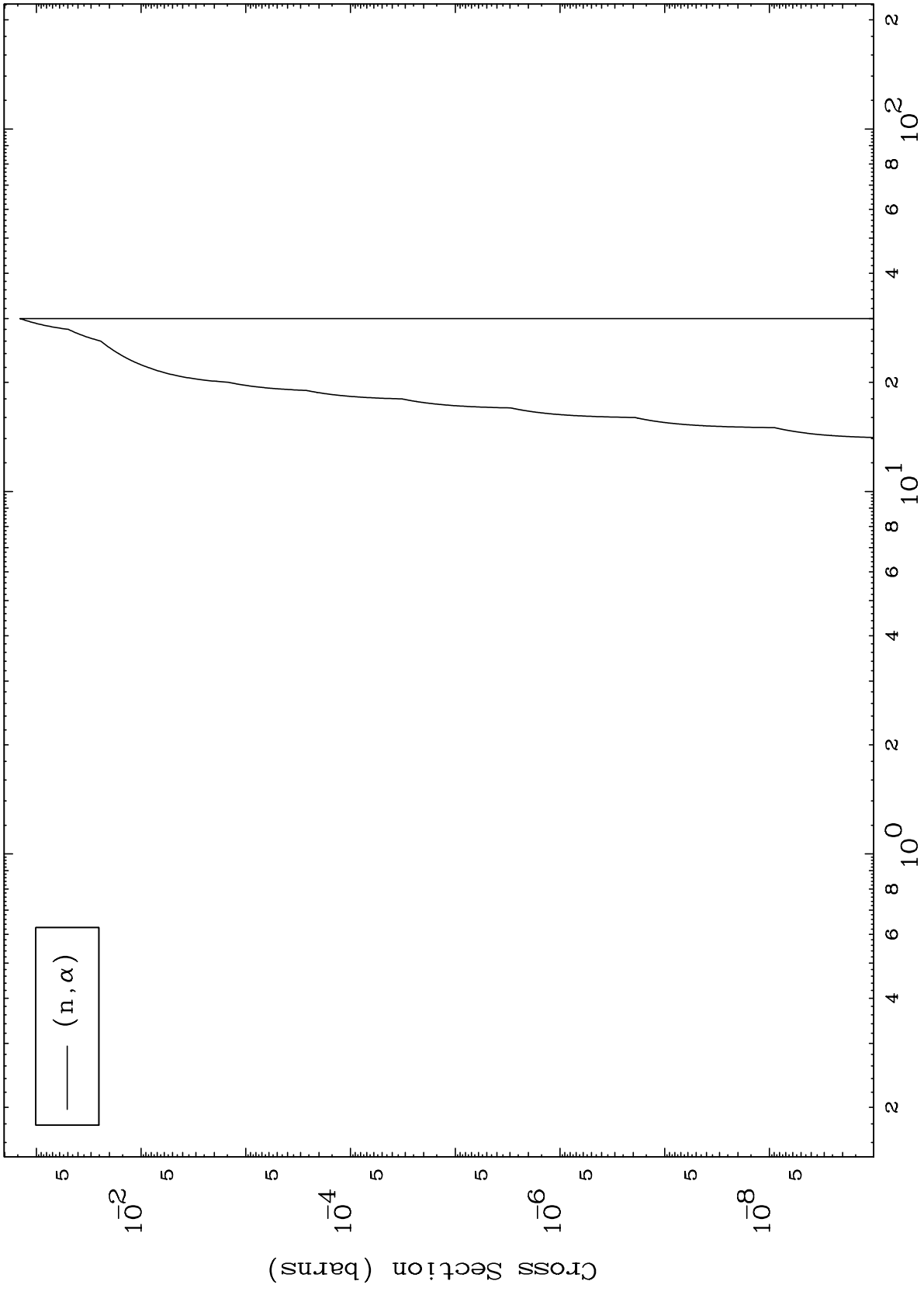
80-Hg-199



MAT 8034

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

80-Hg-199



10

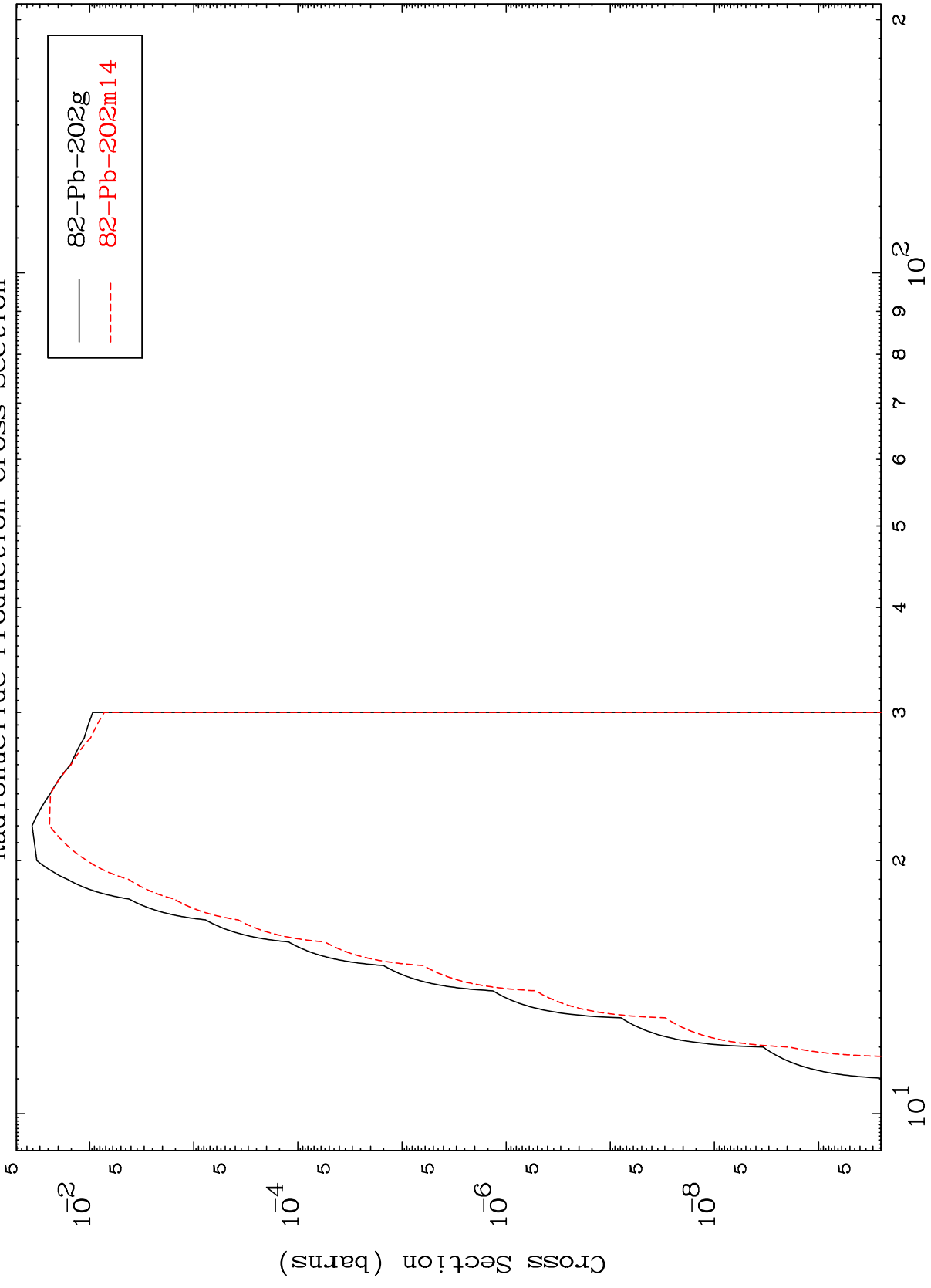
Incident Energy (MeV)

80-Hg-199

MAT 8034

Inelastic  
Radionuclide Production Cross Section

80-Hg-199



11

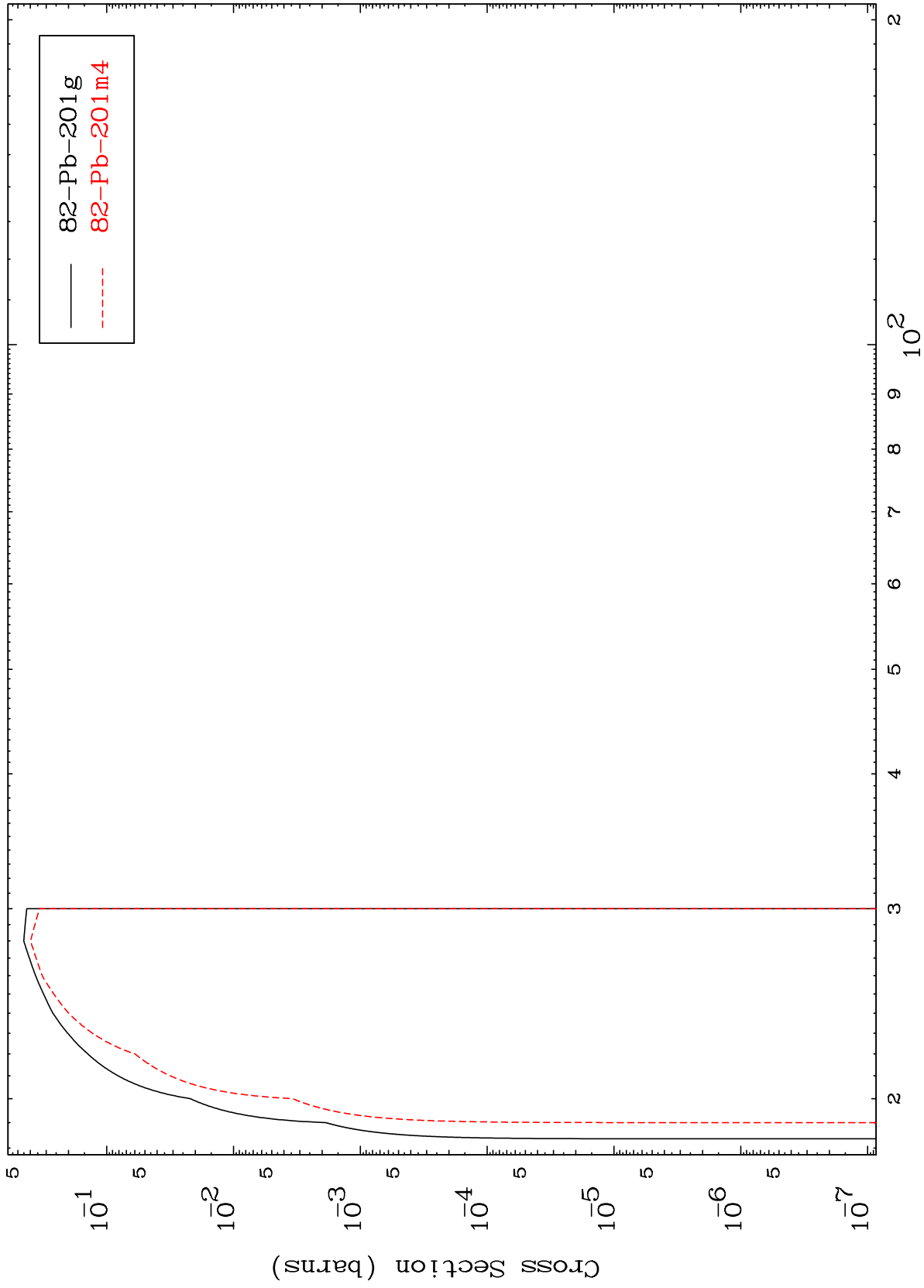
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

(n,2n)  
Radionuclide Production Cross Section



12

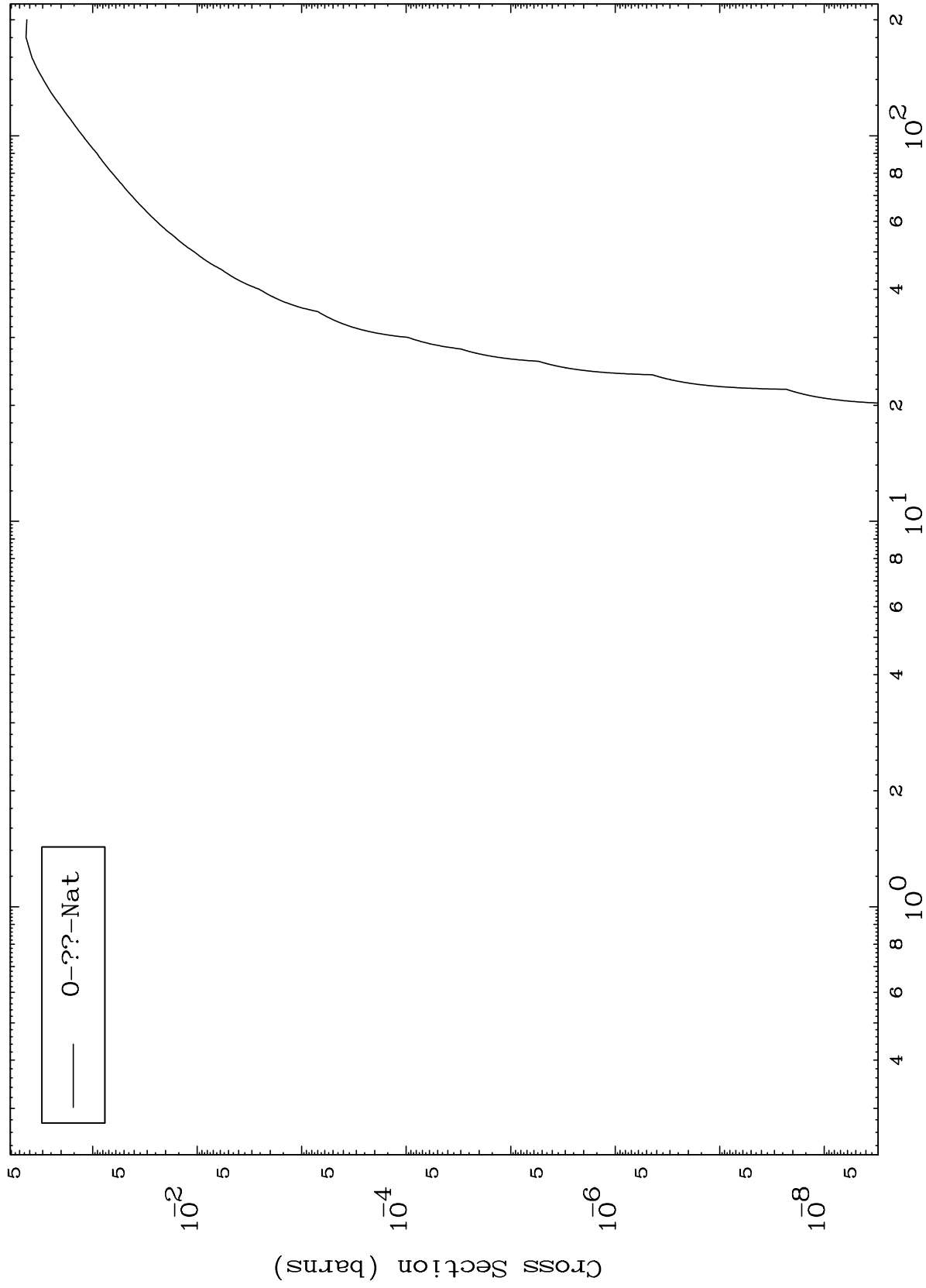
Incident Energy (MeV)

80-Hg-199

MAT 8034

Fission  
Radionuclide Production Cross Section

80-Hg-199



13

Incident Energy (MeV)

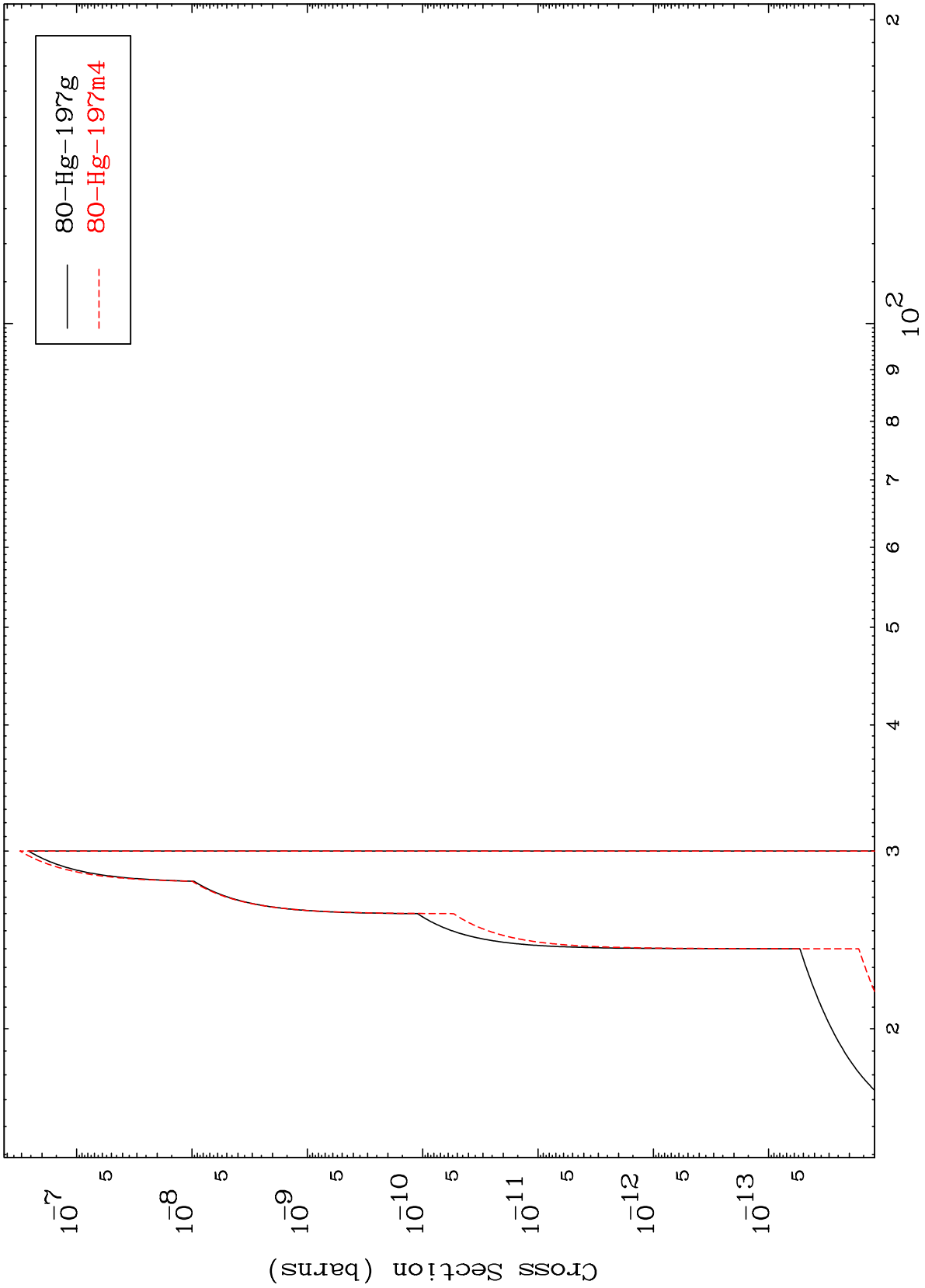
80-Hg-199

MAT 8034

(n,2n)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



14

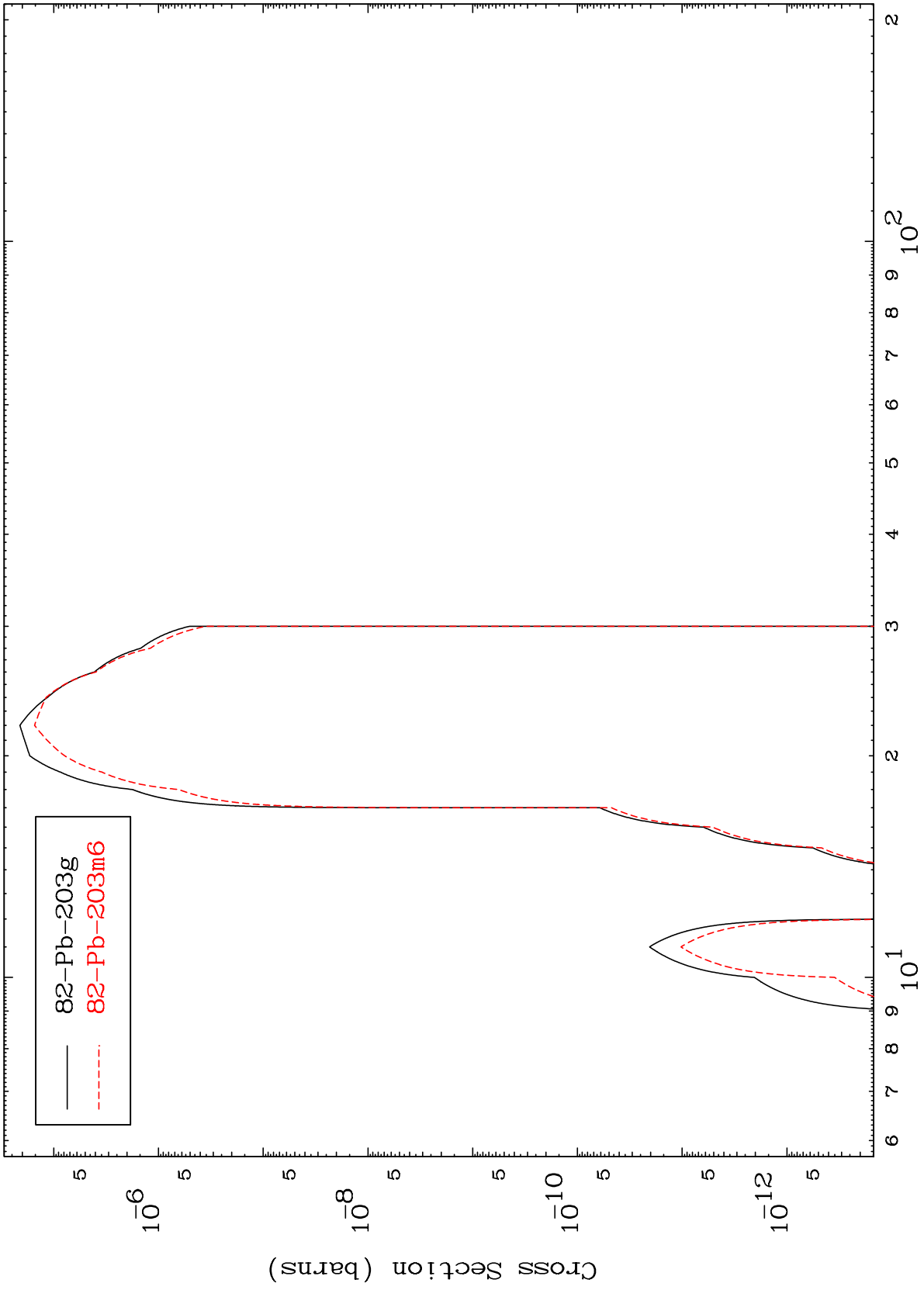
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

Radionuclide Production Cross Section (n,γ)



15

Incident Energy (MeV)

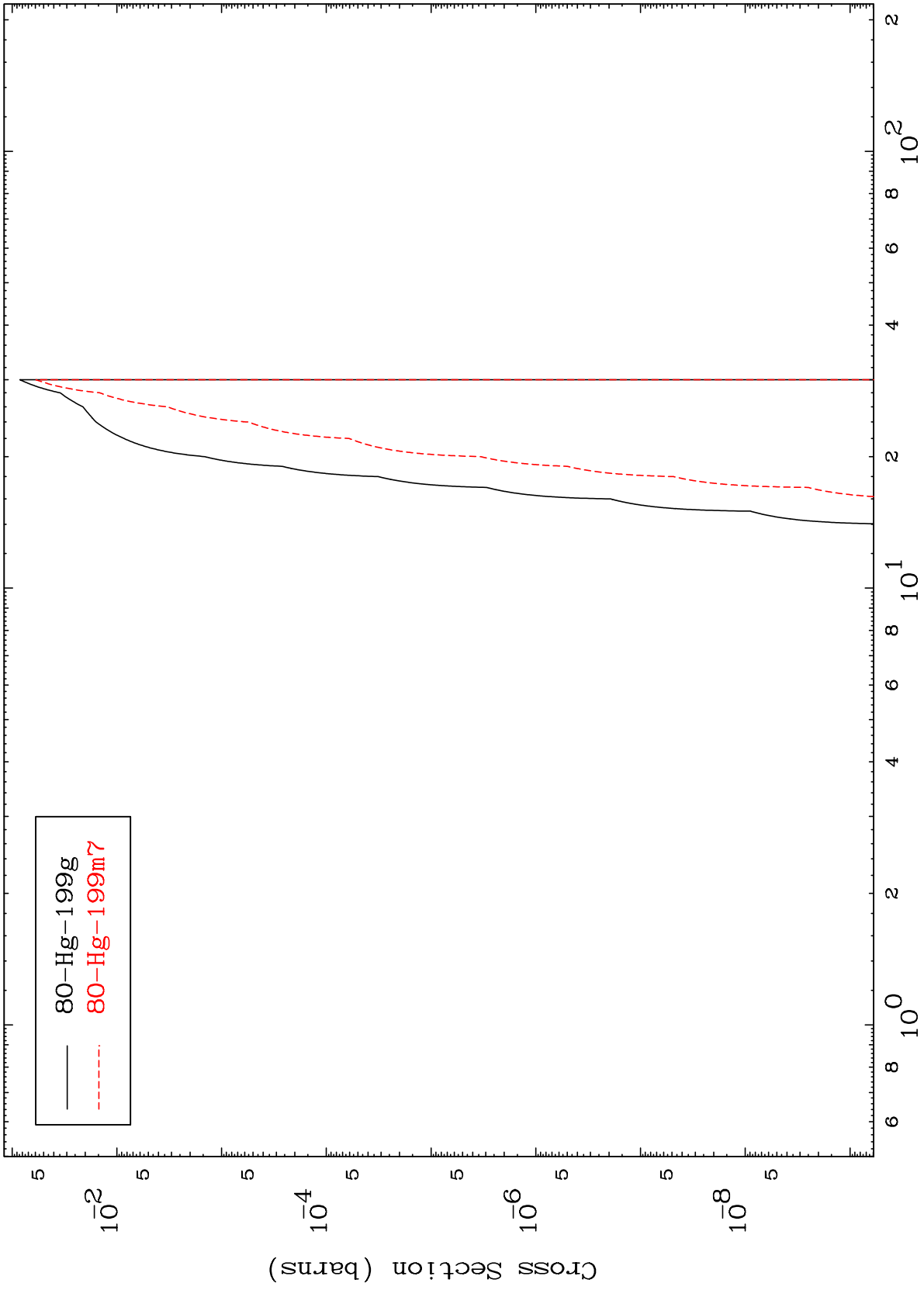
80-Hg-199

MAT 8034

(n,  $\alpha$ )

80-Hg-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

80-Hg-199