

Program EVALPLOT  
(Version 2021-1)

by

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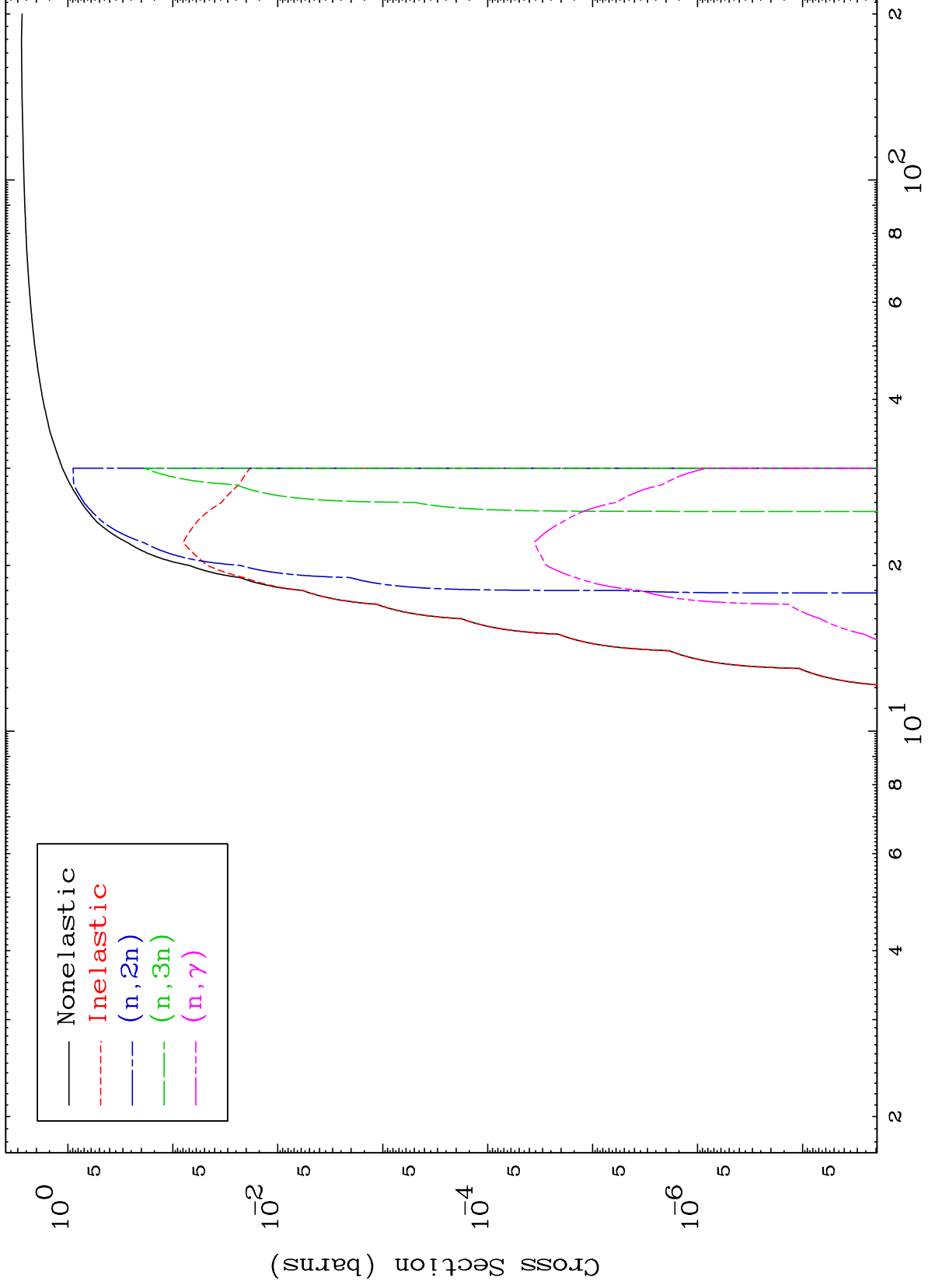
Press Mouse Button to Start

MAT 8035

0 Kelvin Cross Sections

$\alpha$  Major

80-Hg-199m



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n,2n)  
- - - (n,3n)  
- - - (n, $\gamma$ )

80-Hg-199m

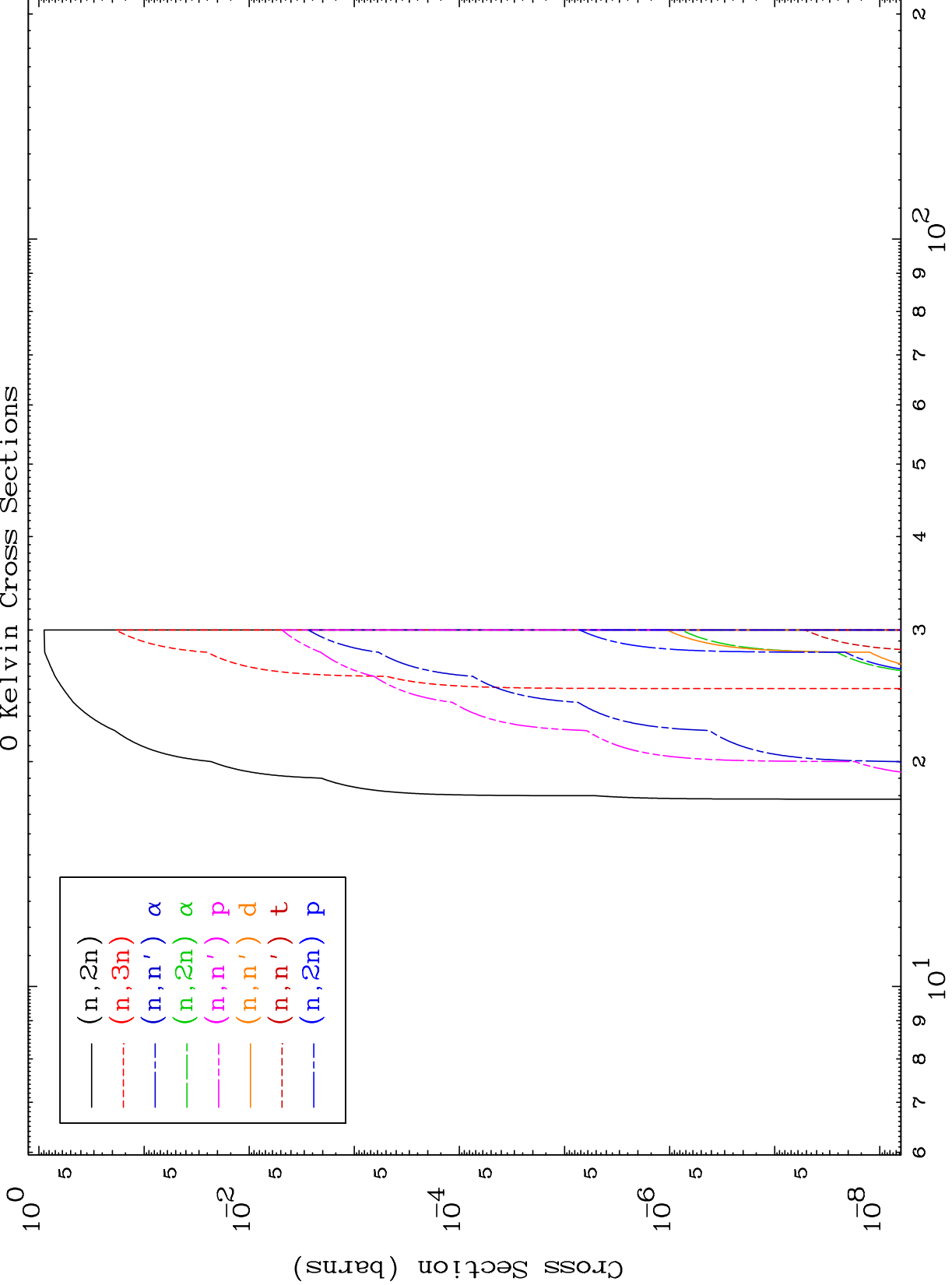
Incident Energy (MeV)

1

MAT 8035

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-199m



2

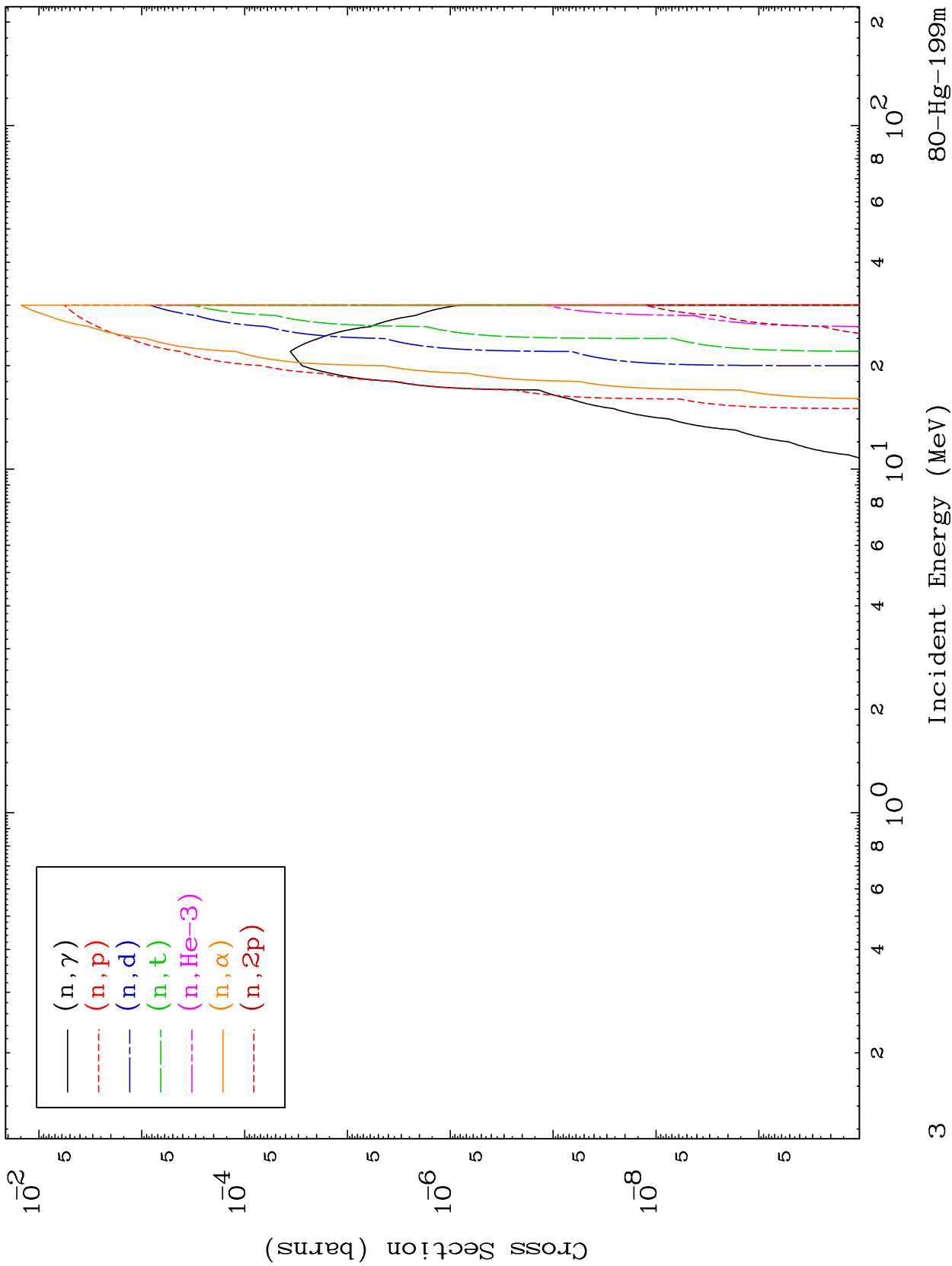
Incident Energy (MeV)

80-Hg-199m

MAT 8035

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

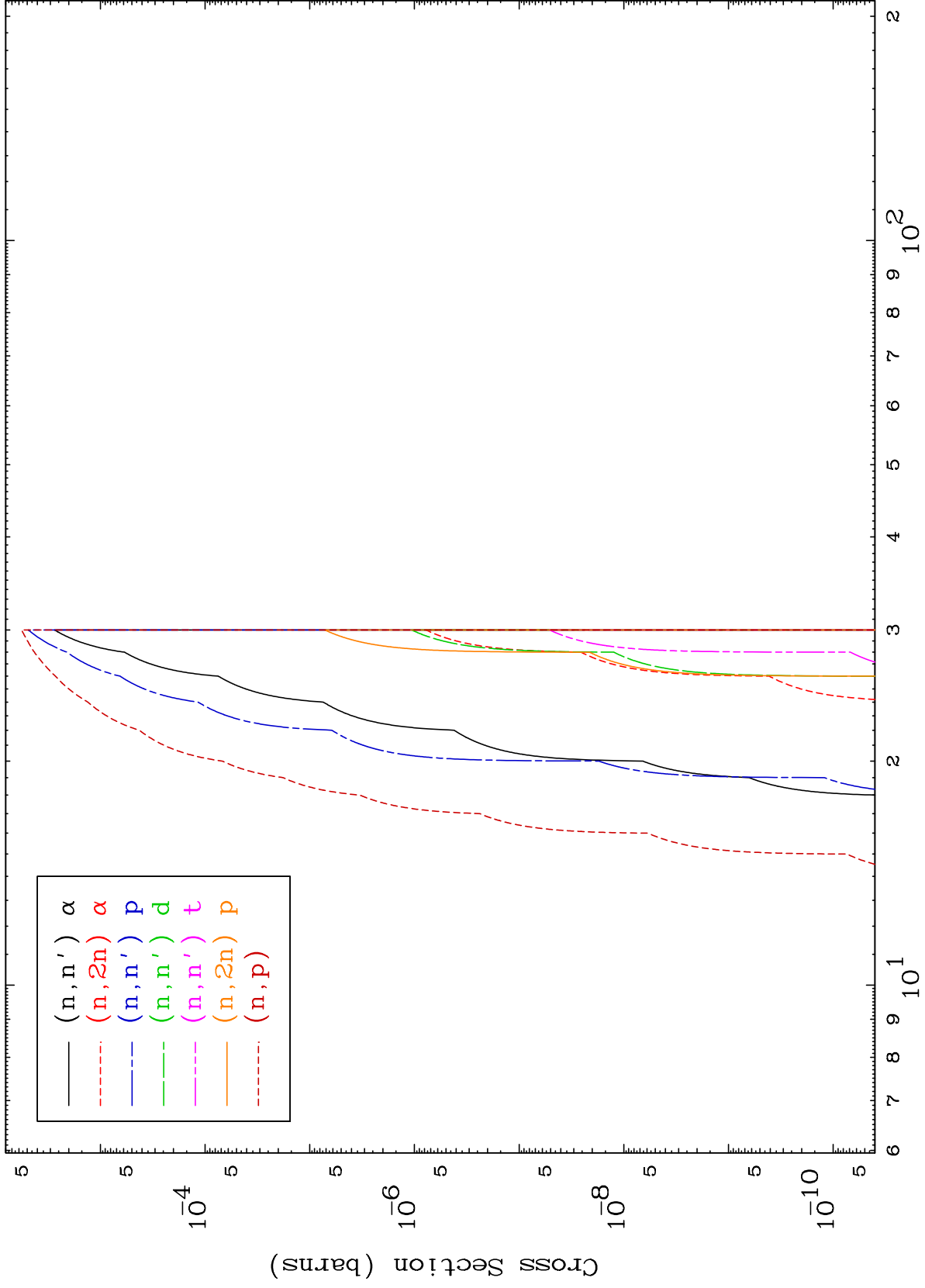
80-Hg-199m



MAT 8035

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

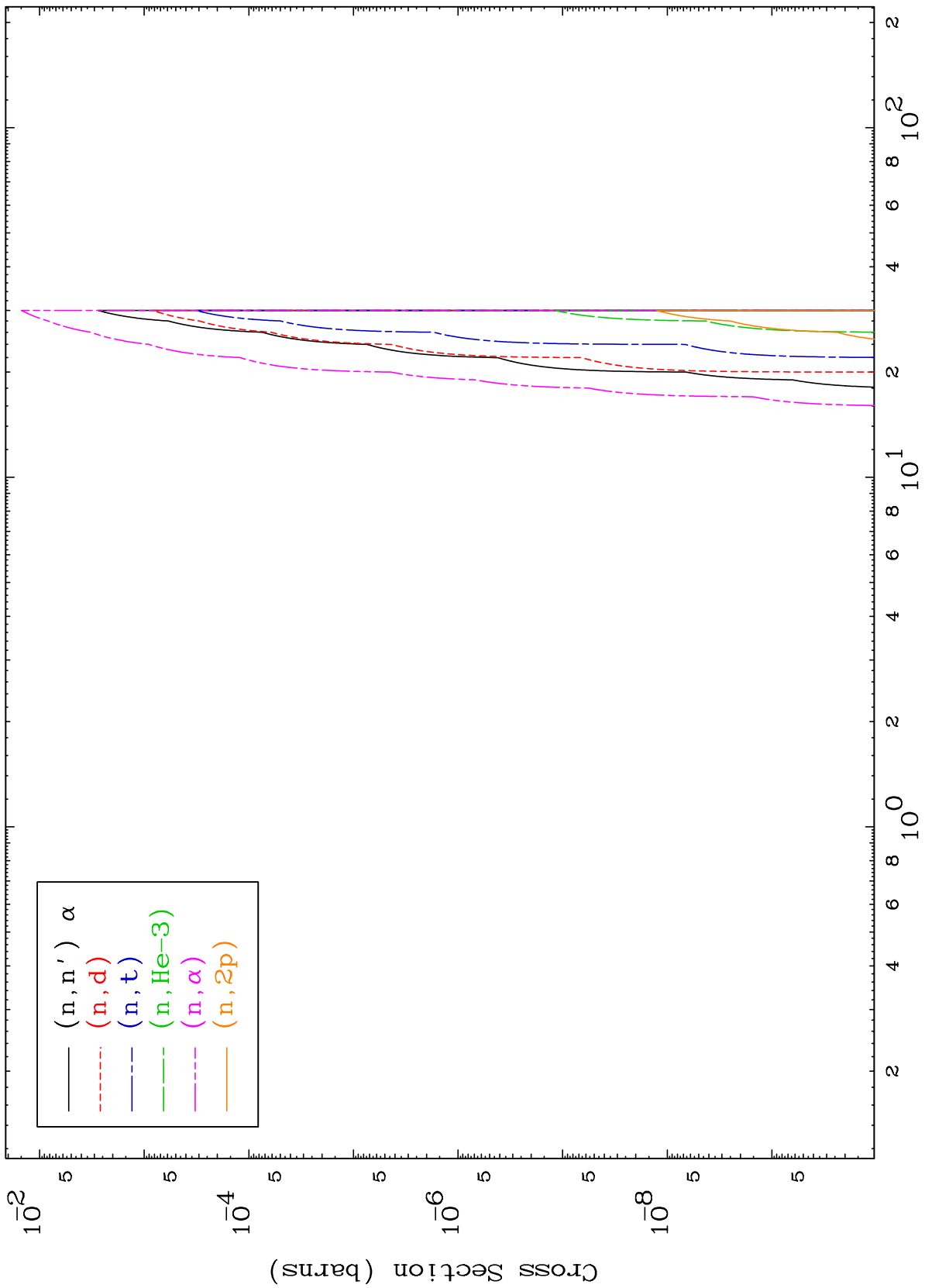
80-Hg-199m



MAT 8035

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

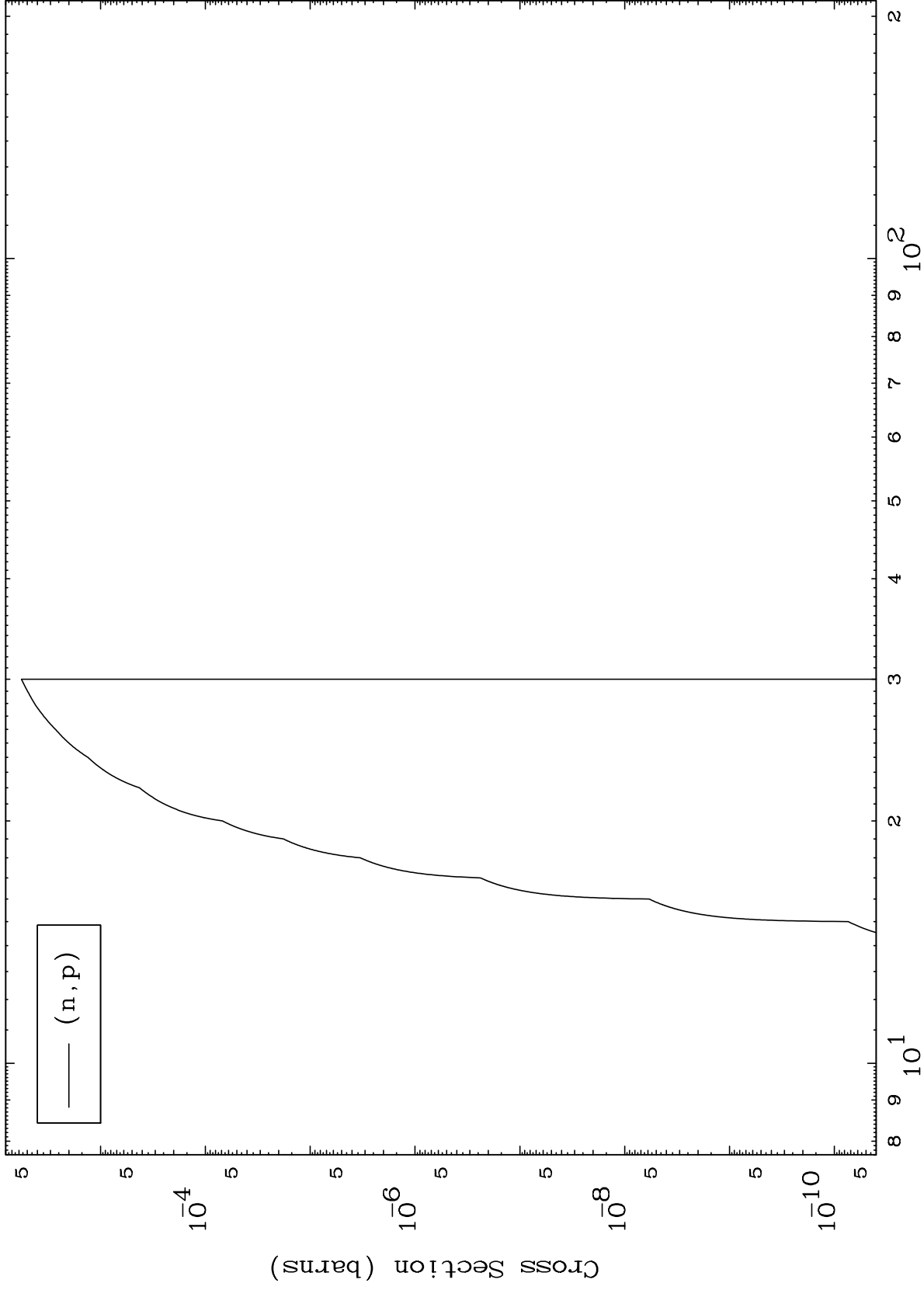
80-Hg-199m



MAT 8035

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

80-Hg-199m



6

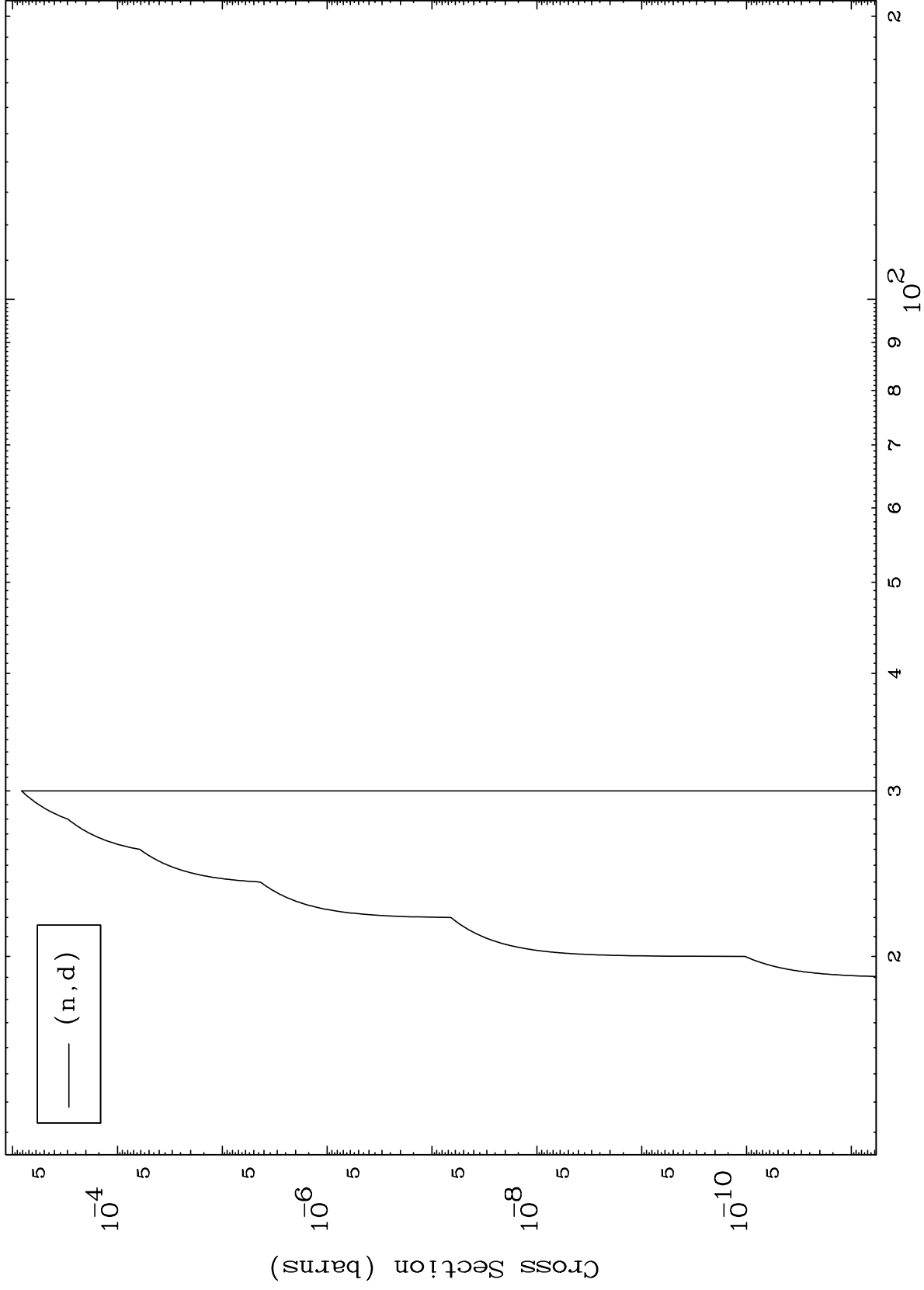
Incident Energy (MeV)

80-Hg-199m

MAT 8035

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

80-Hg-199m



7

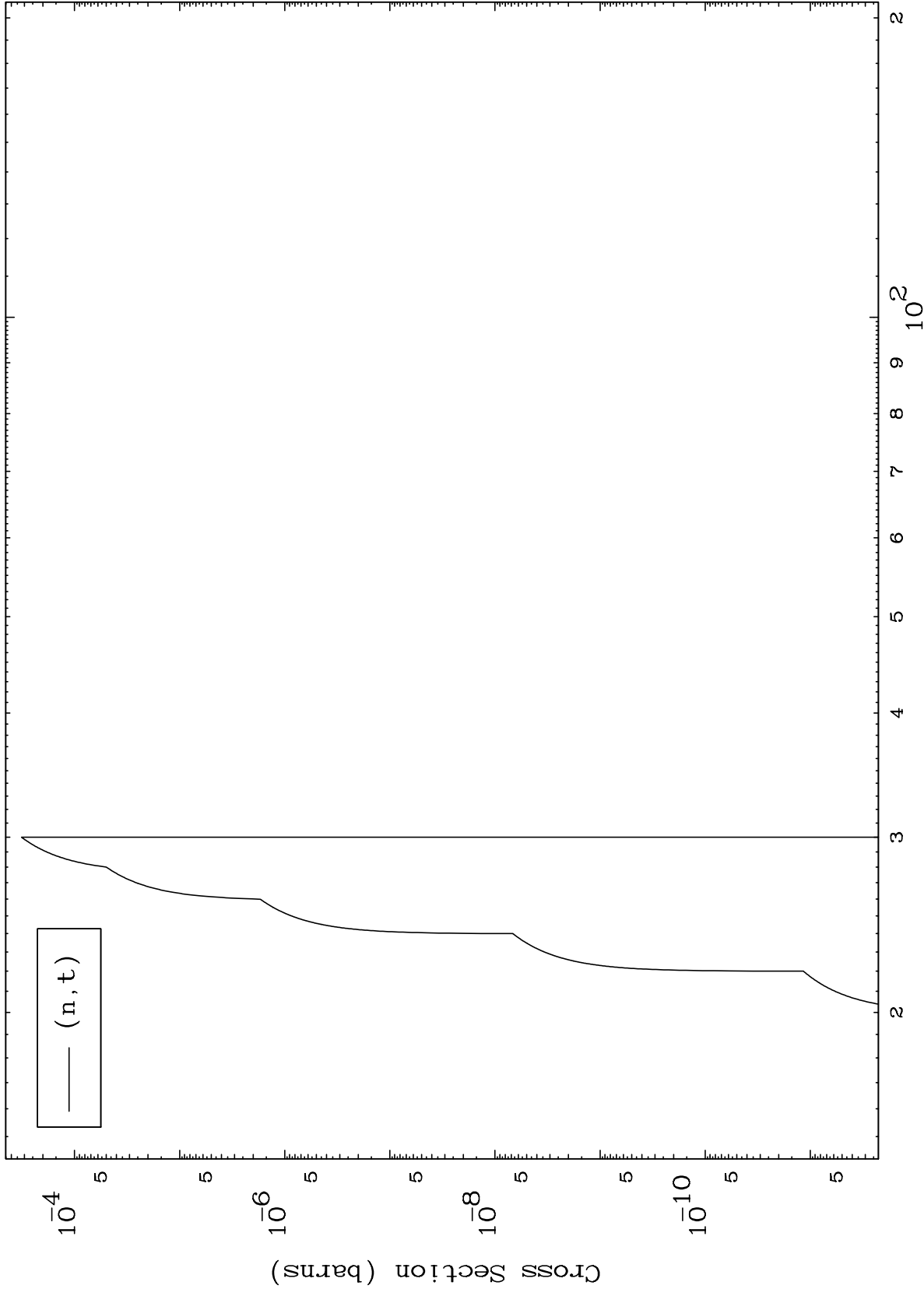
Incident Energy (MeV)

80-Hg-199m

MAT 8035

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

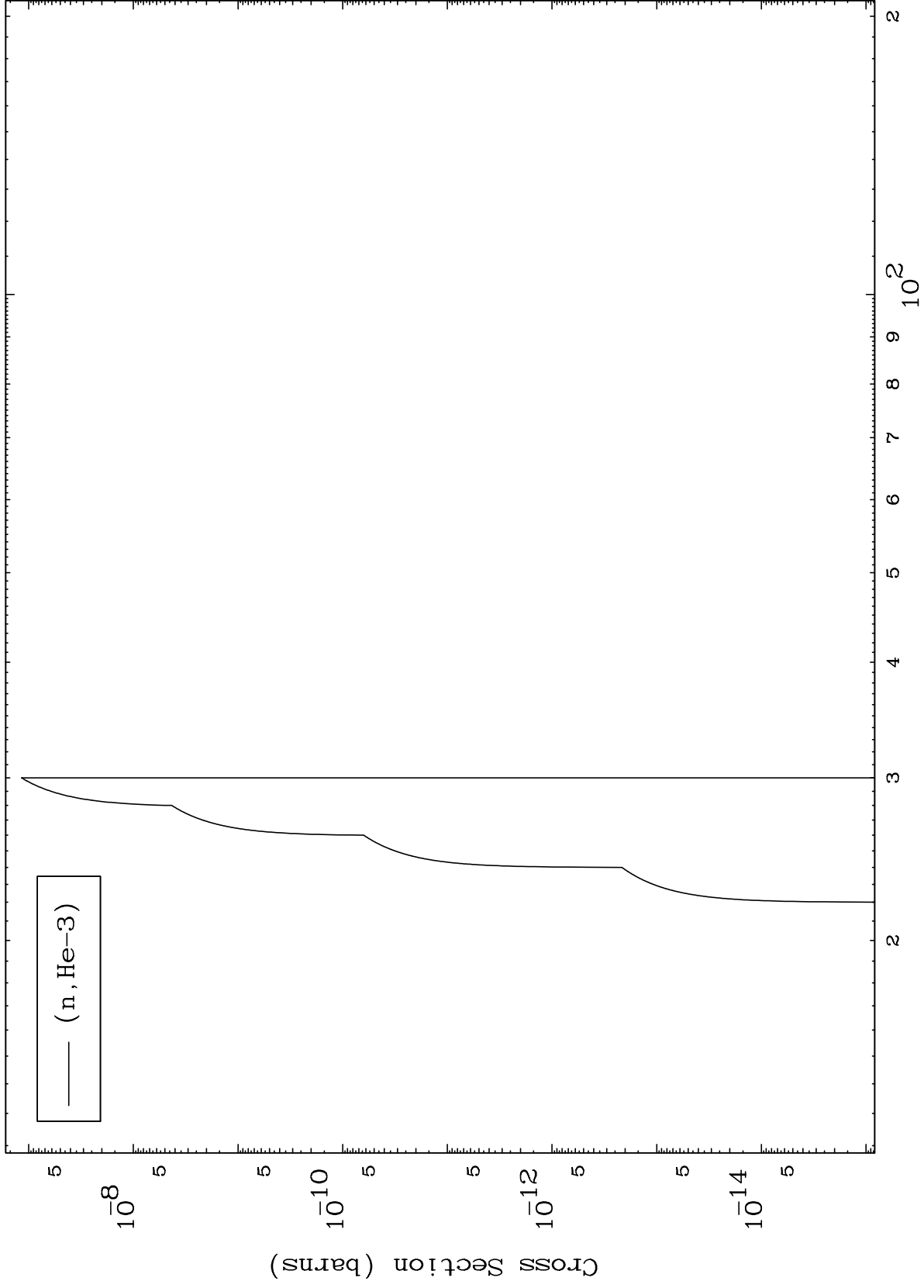
80-Hg-199m



MAT 8035

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

80-Hg-199m

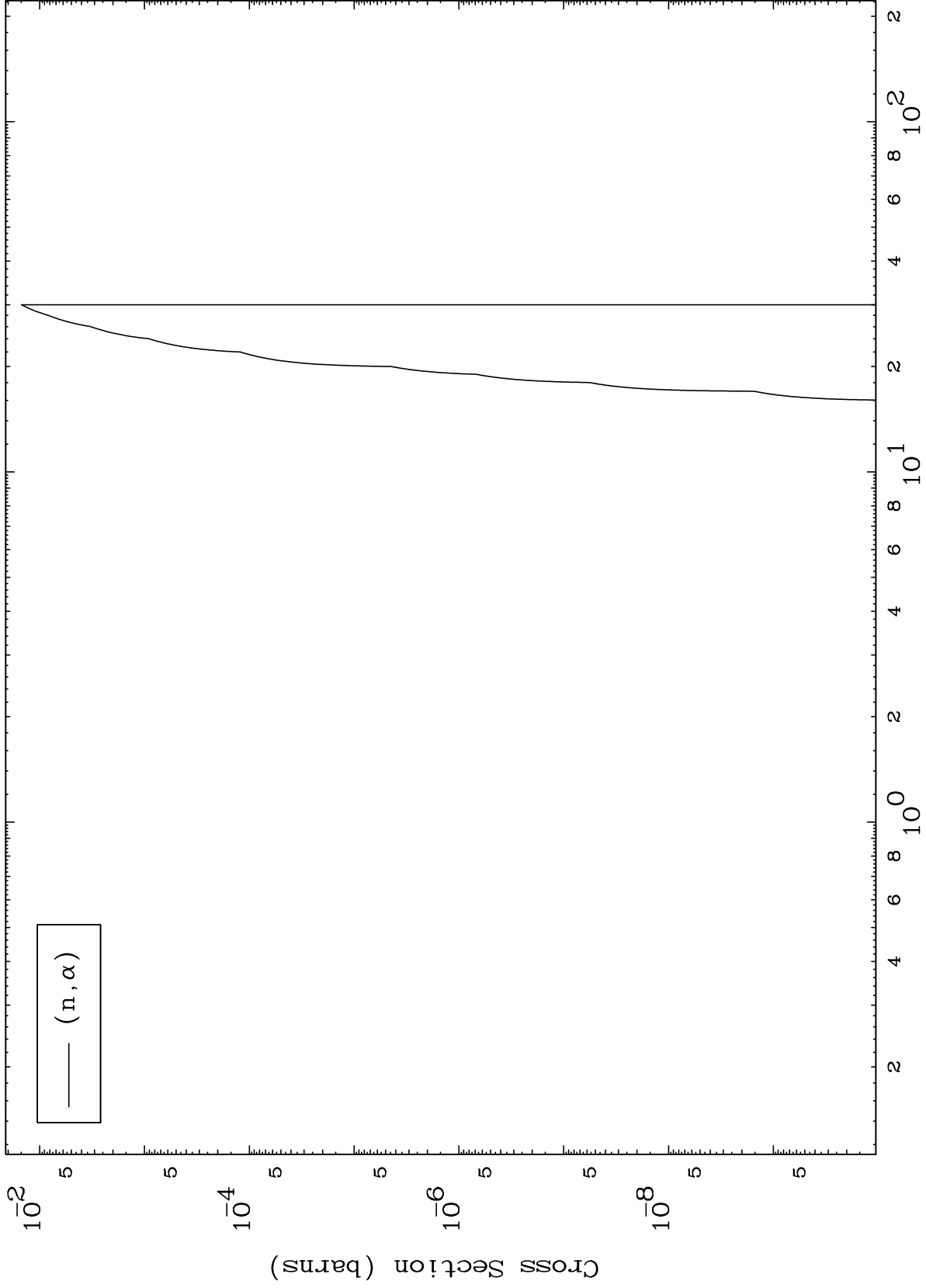


MAT 8035

( $\alpha, \alpha$ ) Levels

80-Hg-199m

0 Kelvin Cross Sections



10

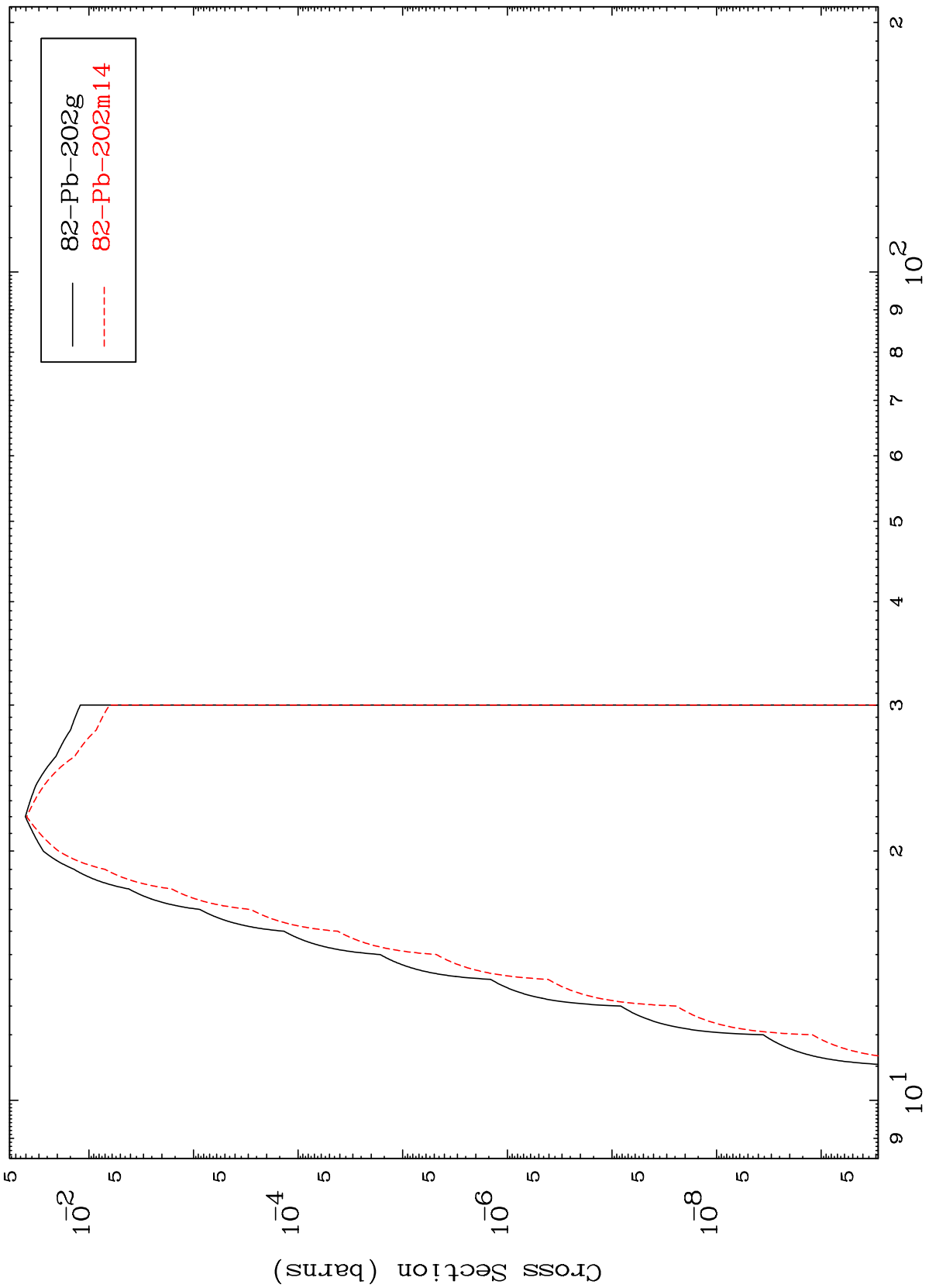
Incident Energy (MeV)

80-Hg-199m

MAT 8035

80-Hg-199m

Inelastic  
Radionuclide Production Cross Section



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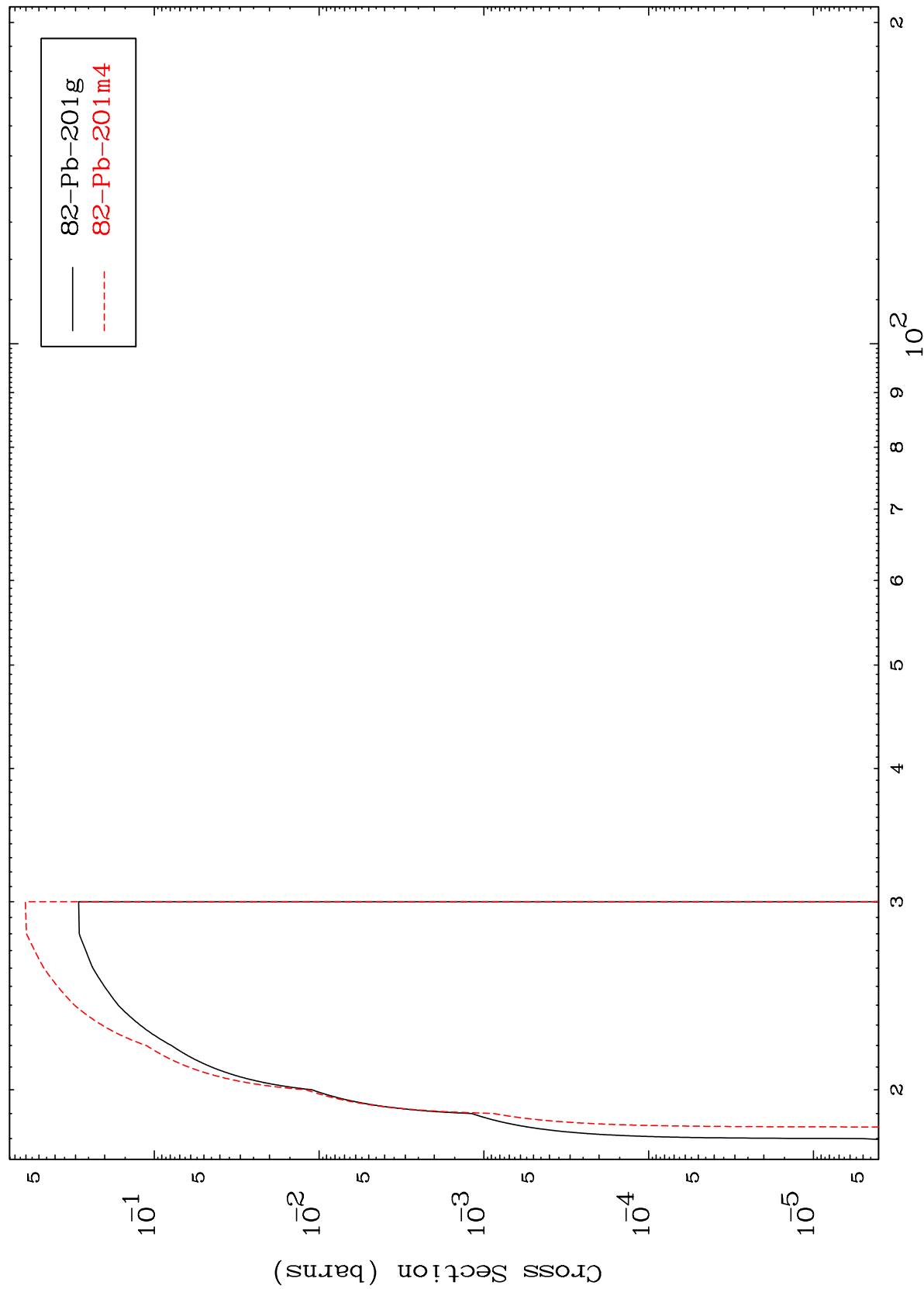
Incident Energy (MeV)

80-Hg-199m

MAT 8035

80-Hg-199m

(n,2n)  
Radionuclide Production Cross Section



80-Hg-199m

Incident Energy (MeV)

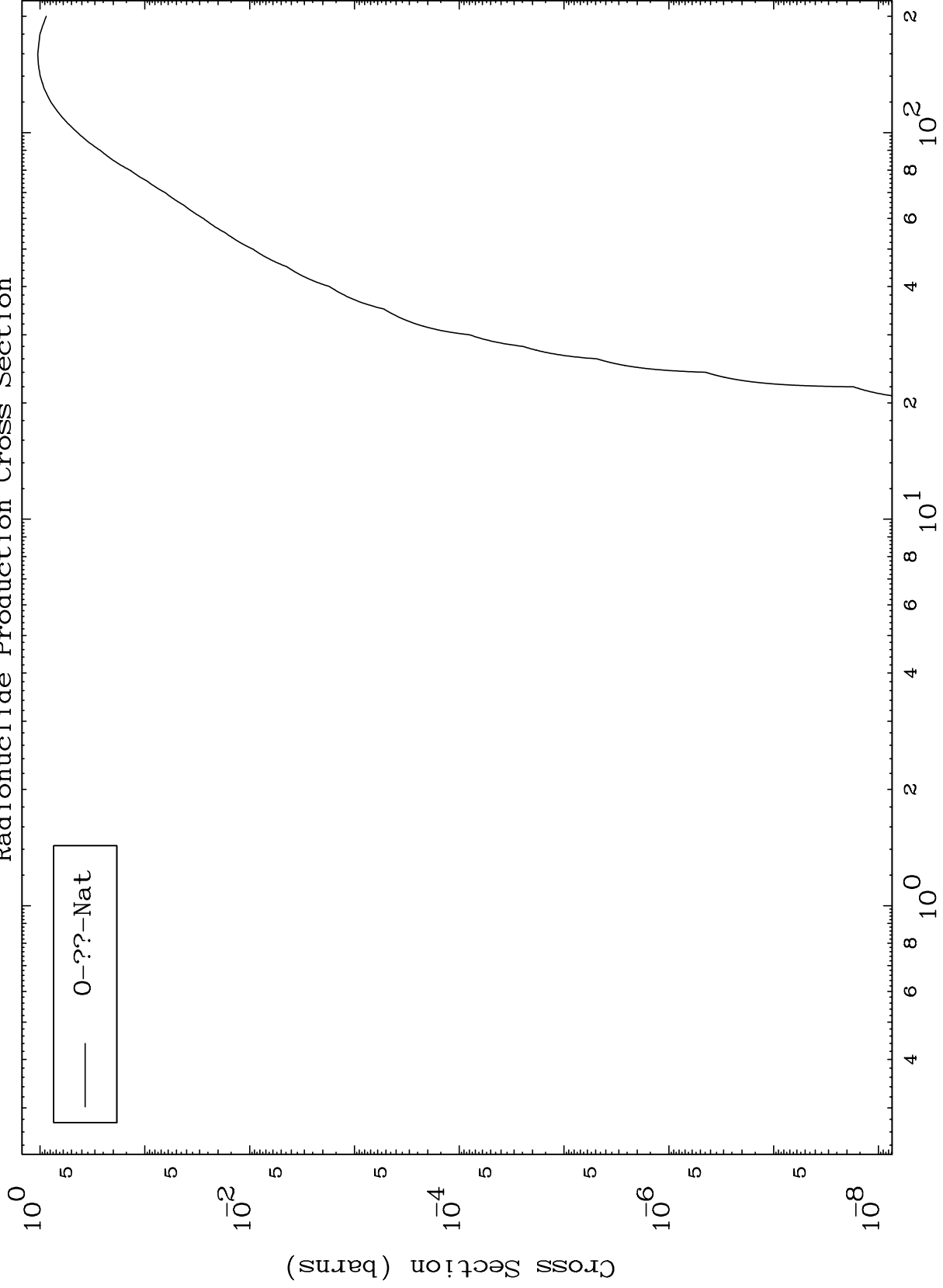
12

MAT 8035

Fission

80-Hg-199m

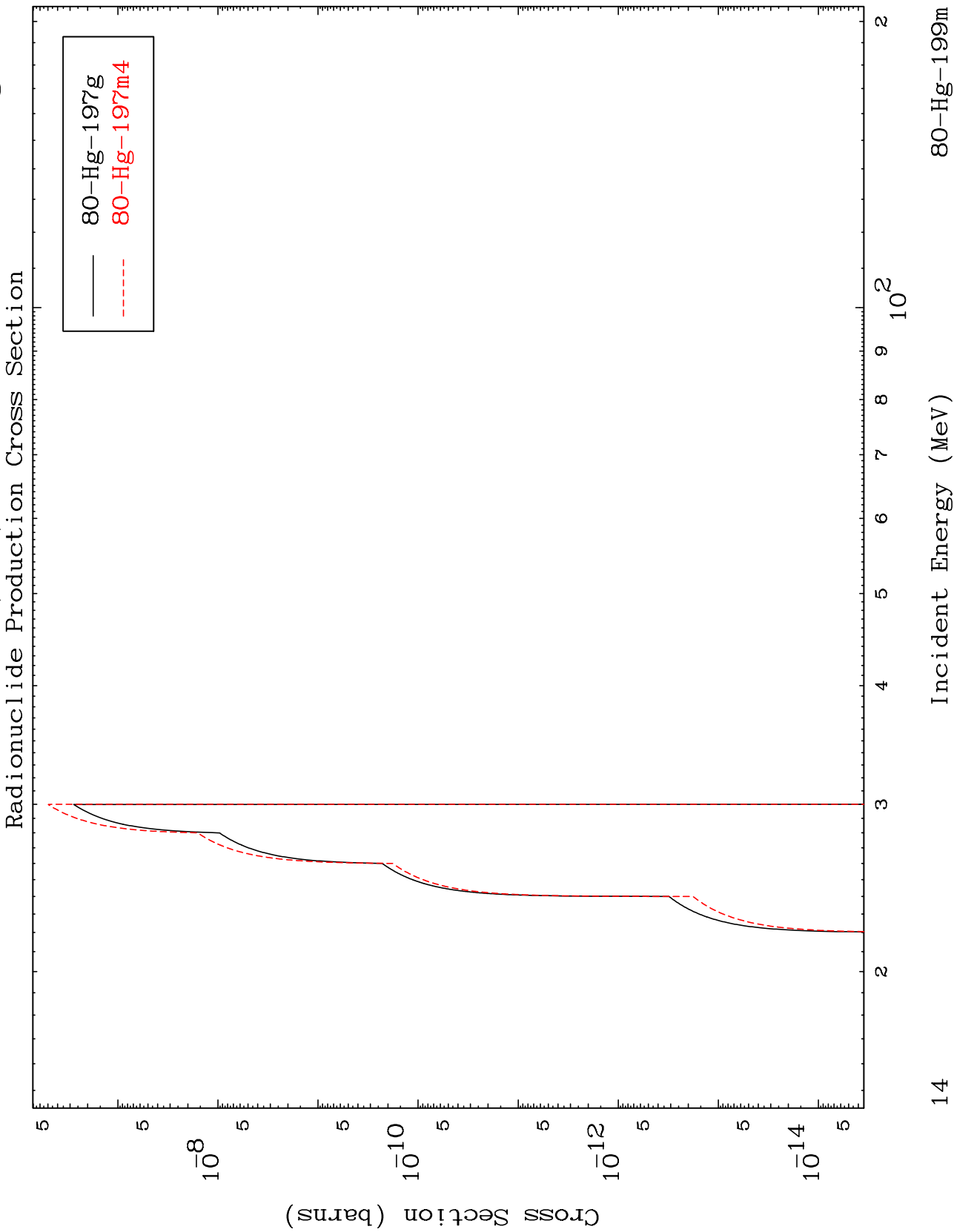
Radionuclide Production Cross Section



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(n,2n)  $\alpha$

80-Hg-199m



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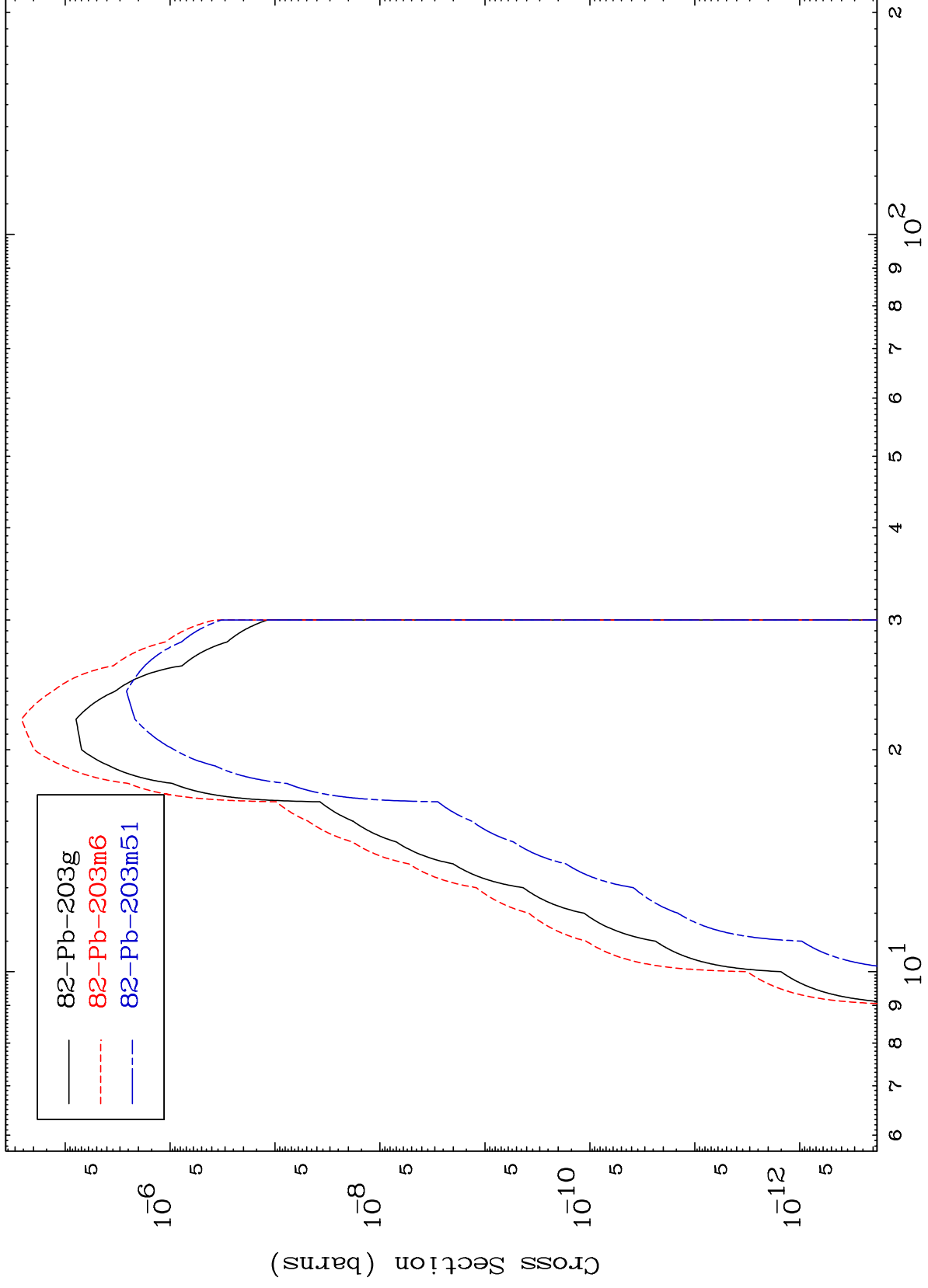
Incident Energy (MeV)

80-Hg-199m

MAT 8035

80-Hg-199m

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



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Incident Energy (MeV)

80-Hg-199m

MAT 8035

80-Hg-199m

