

Program EVALPLOT  
(Version 2021-1)

by

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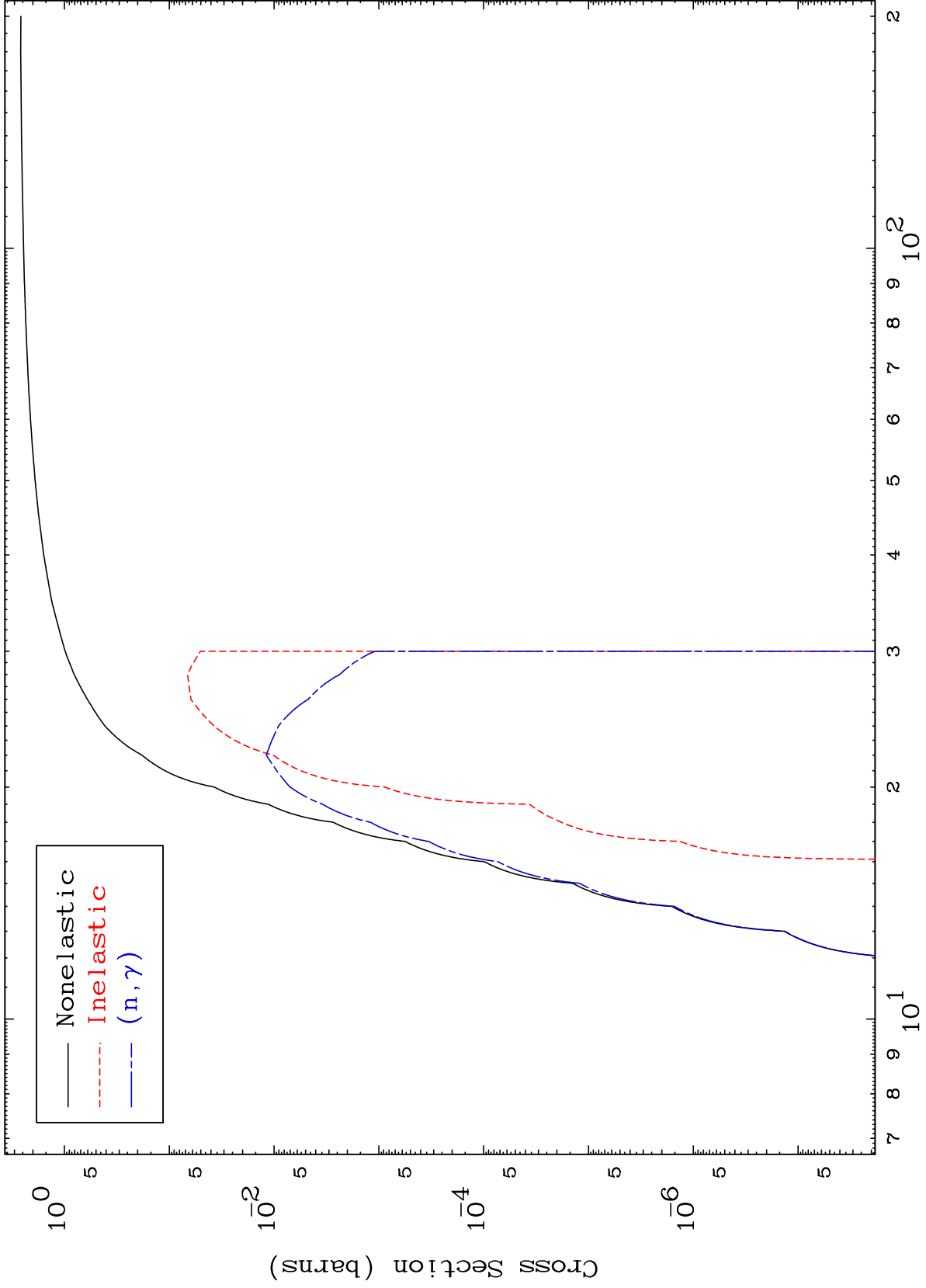
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7974

0 Kelvin  
 $\alpha$  Major Cross Sections

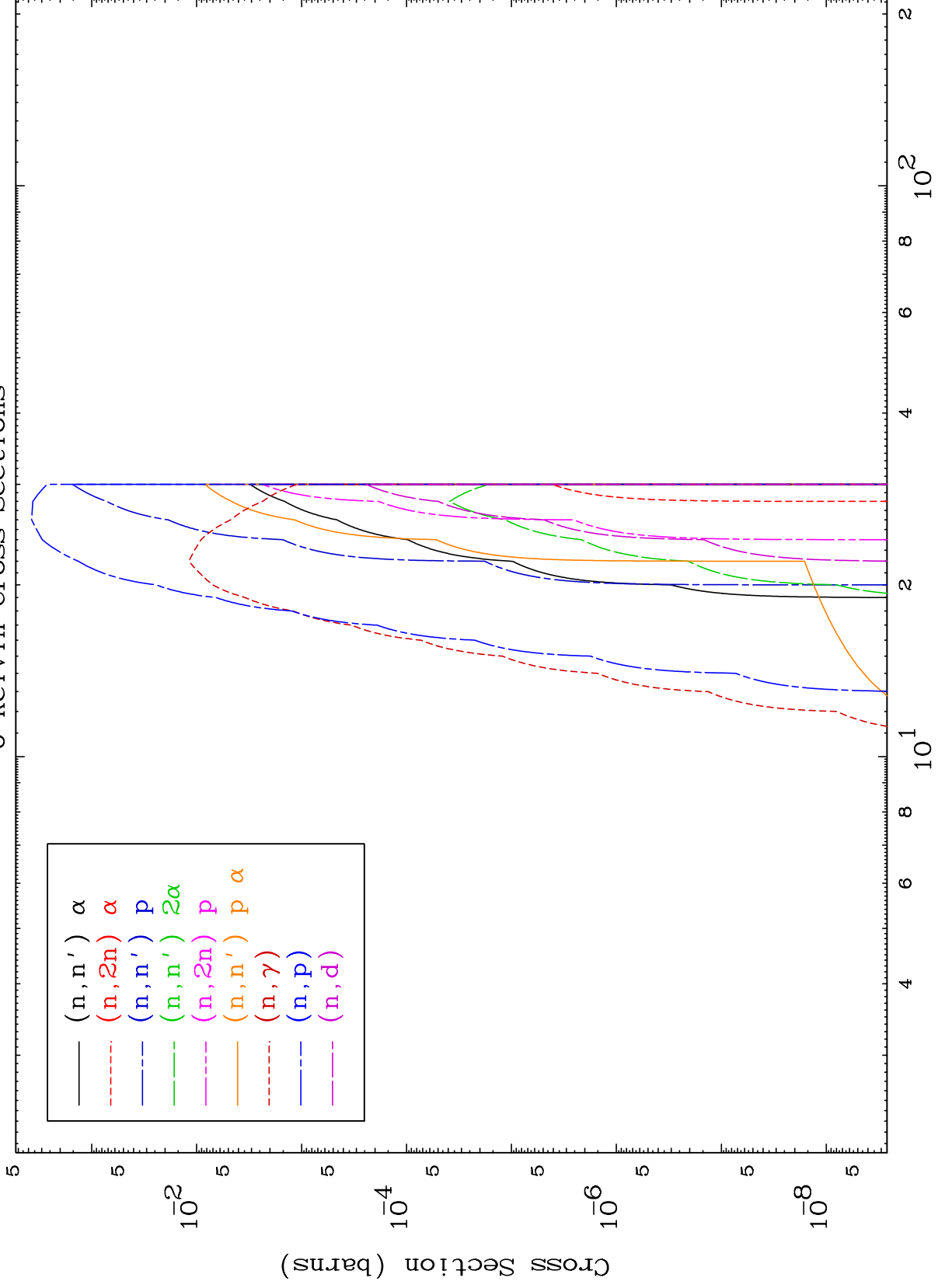
80-Hg-179



1

Incident Energy (MeV)

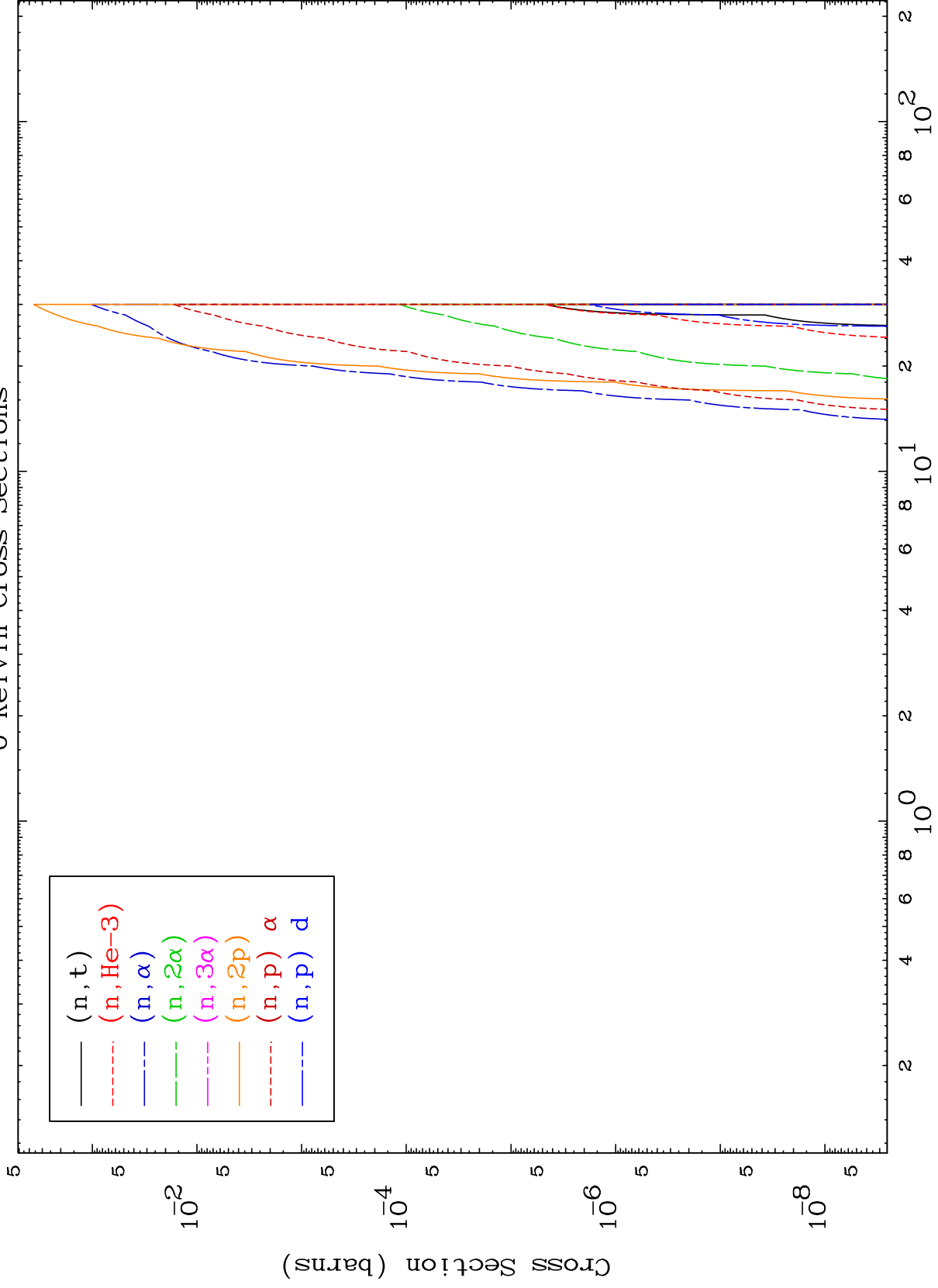
80-Hg-179

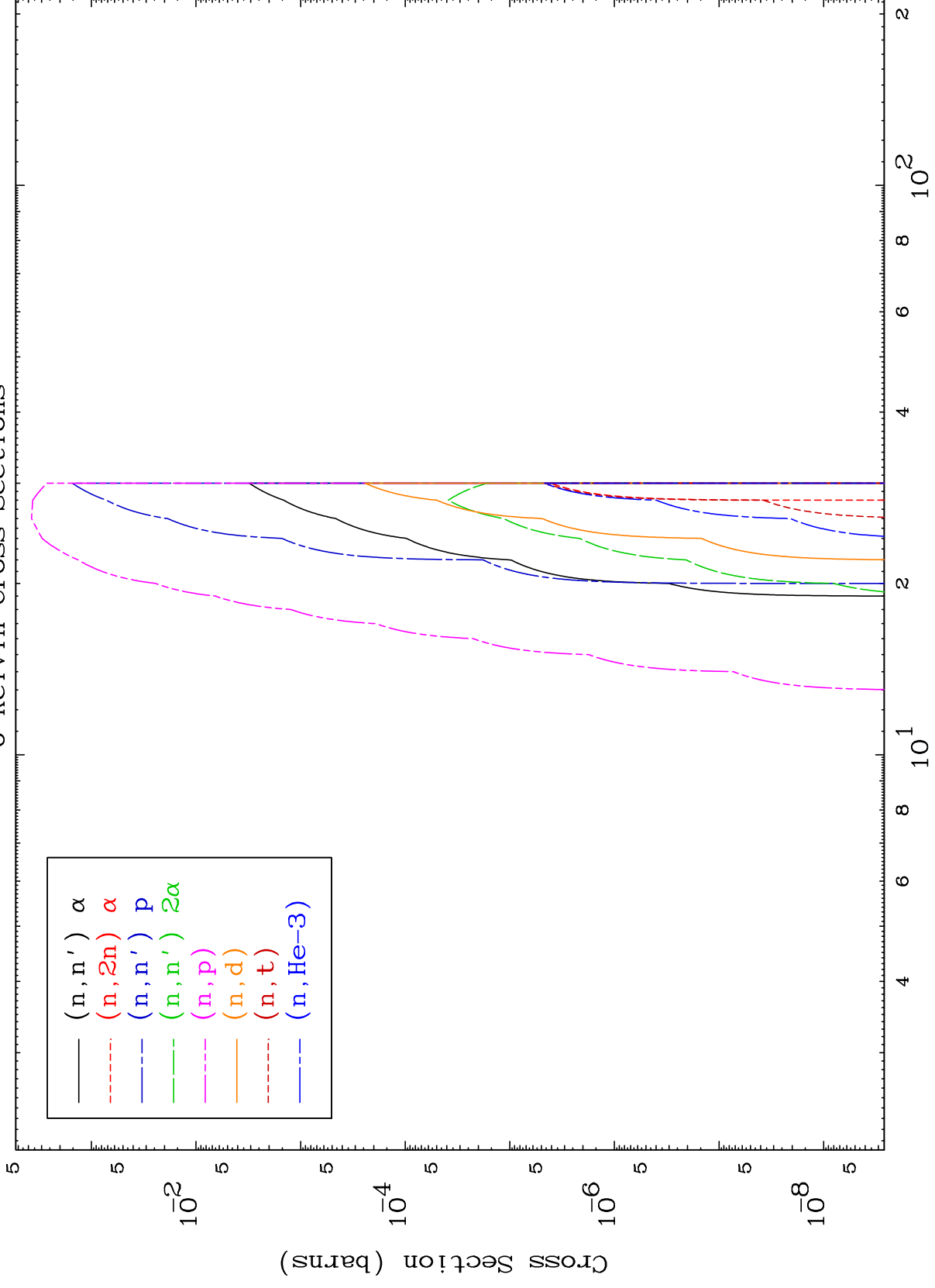


MAT 7974

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-179

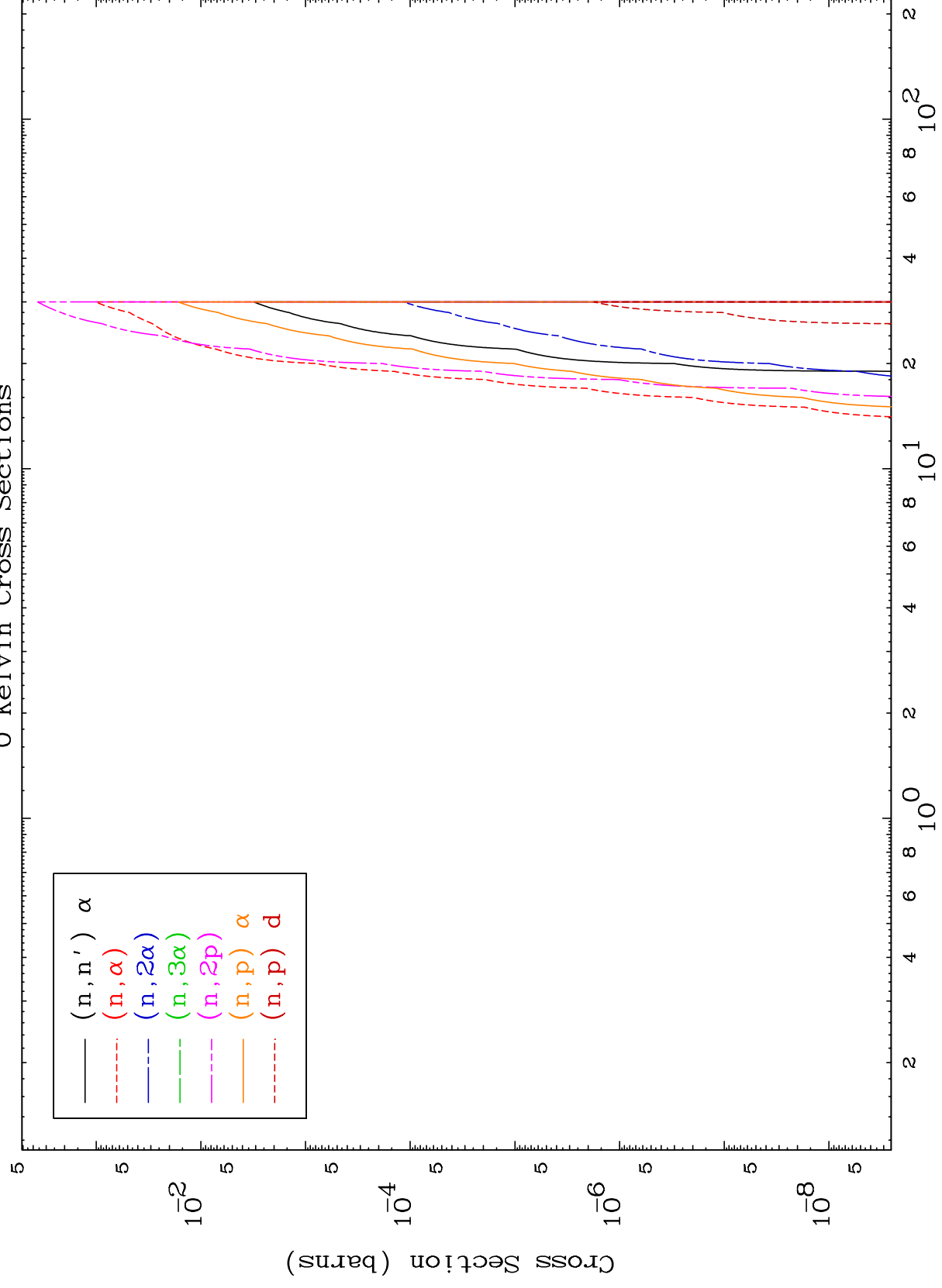




MAT 7974

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-179



5

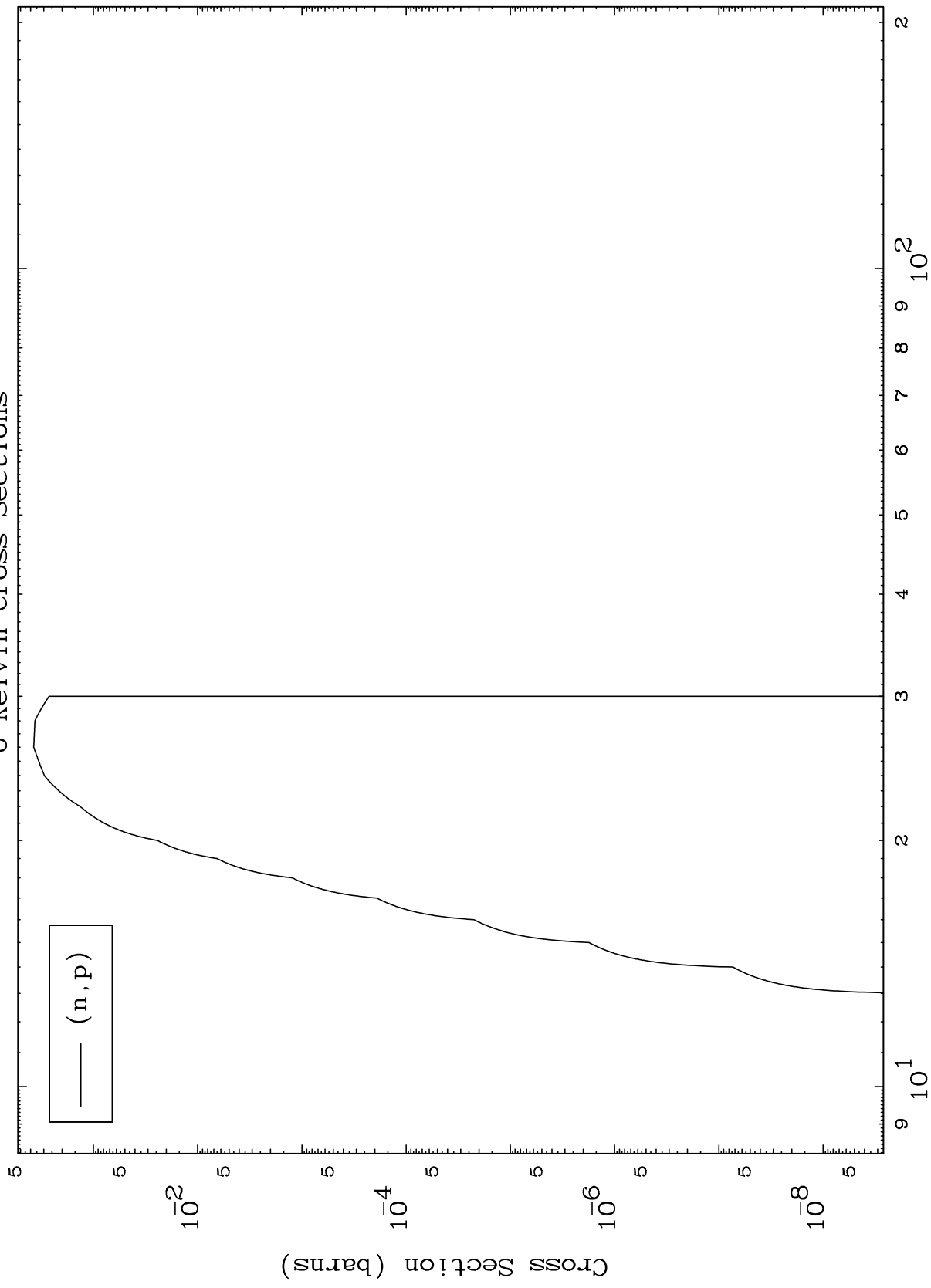
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



Incident Energy (MeV)

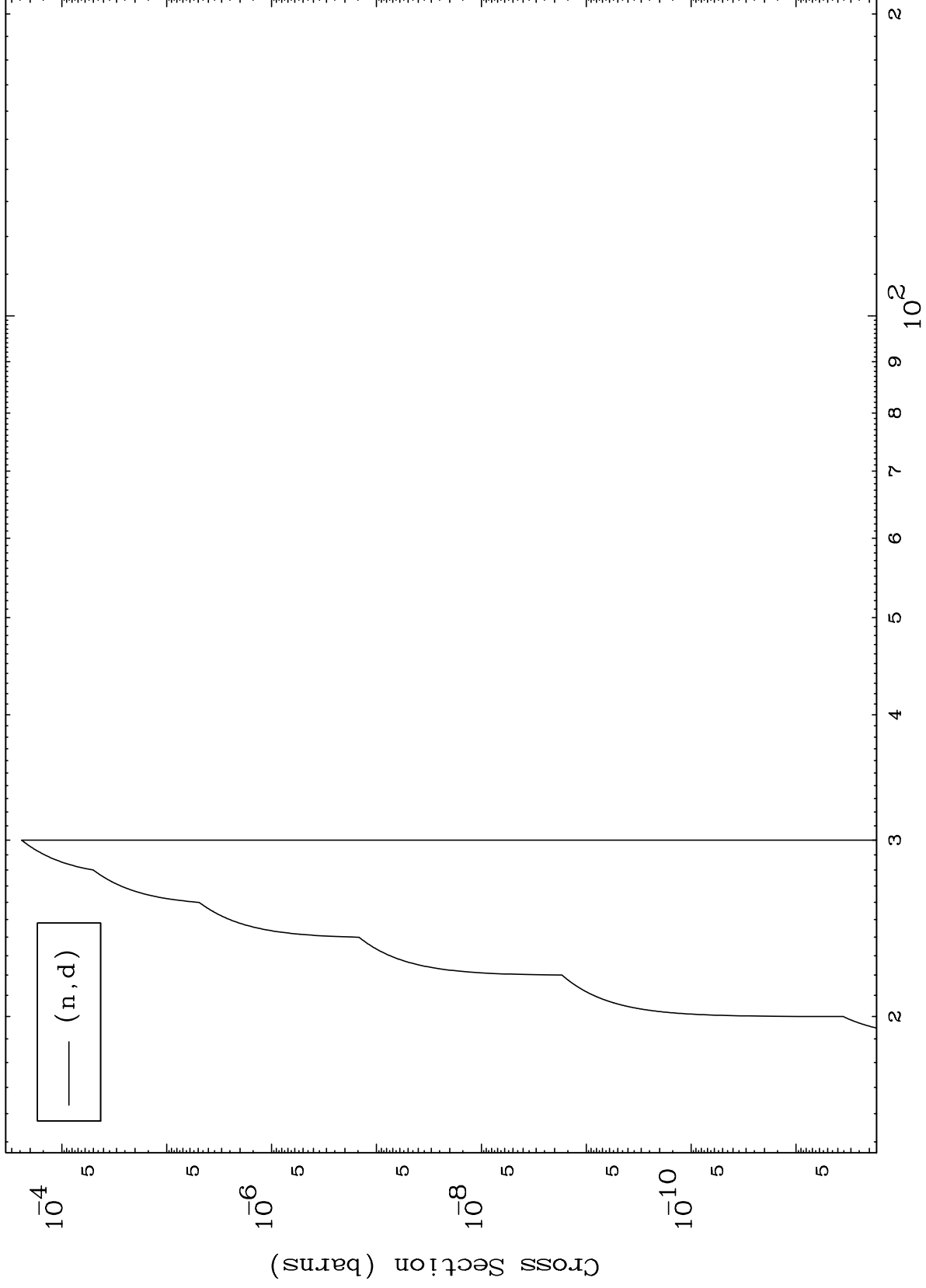
80-Hg-179

6

MAT 7974

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

80-Hg-179



7

Incident Energy (MeV)

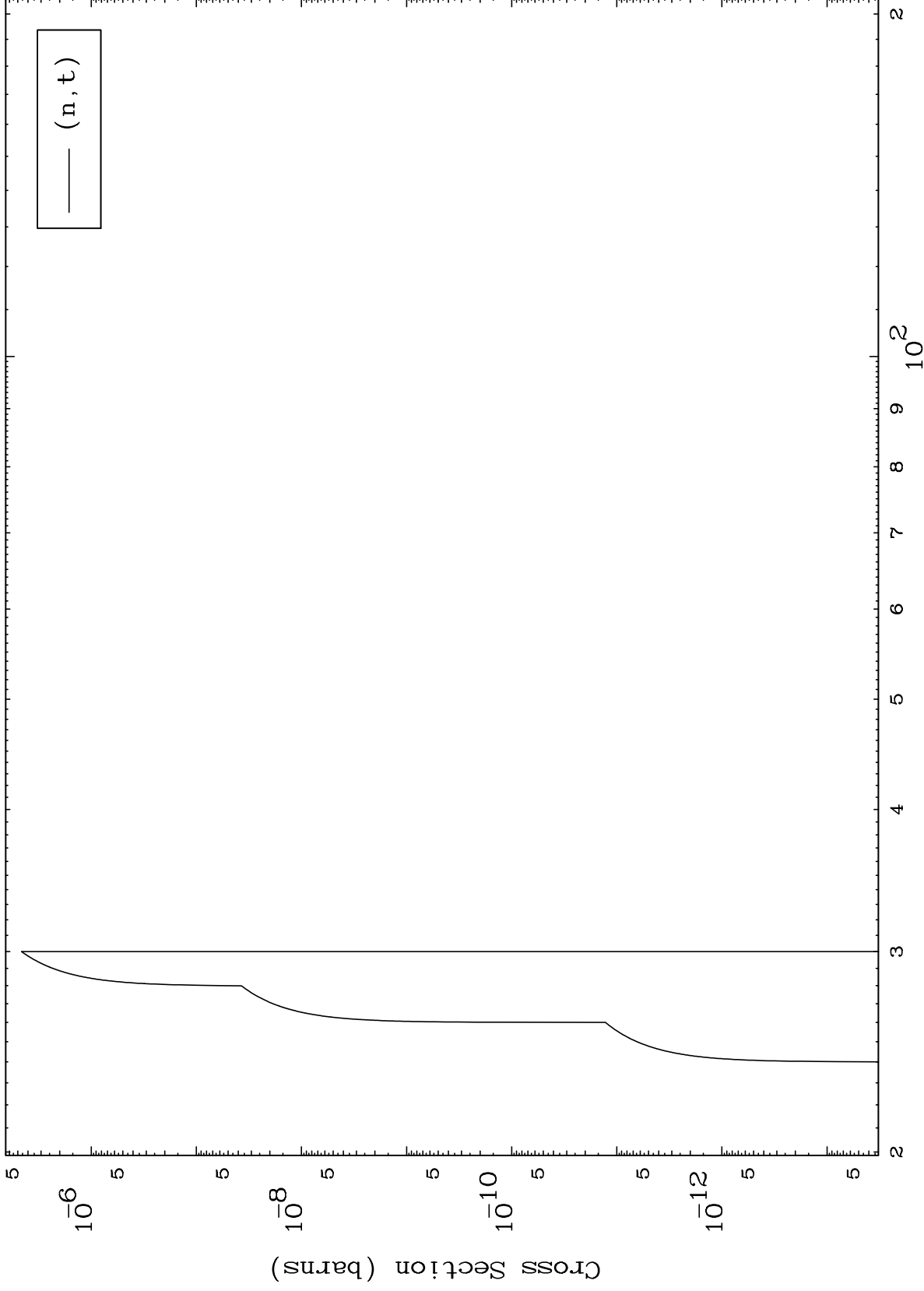
80-Hg-179



MAT 7974

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

80-Hg-179



8

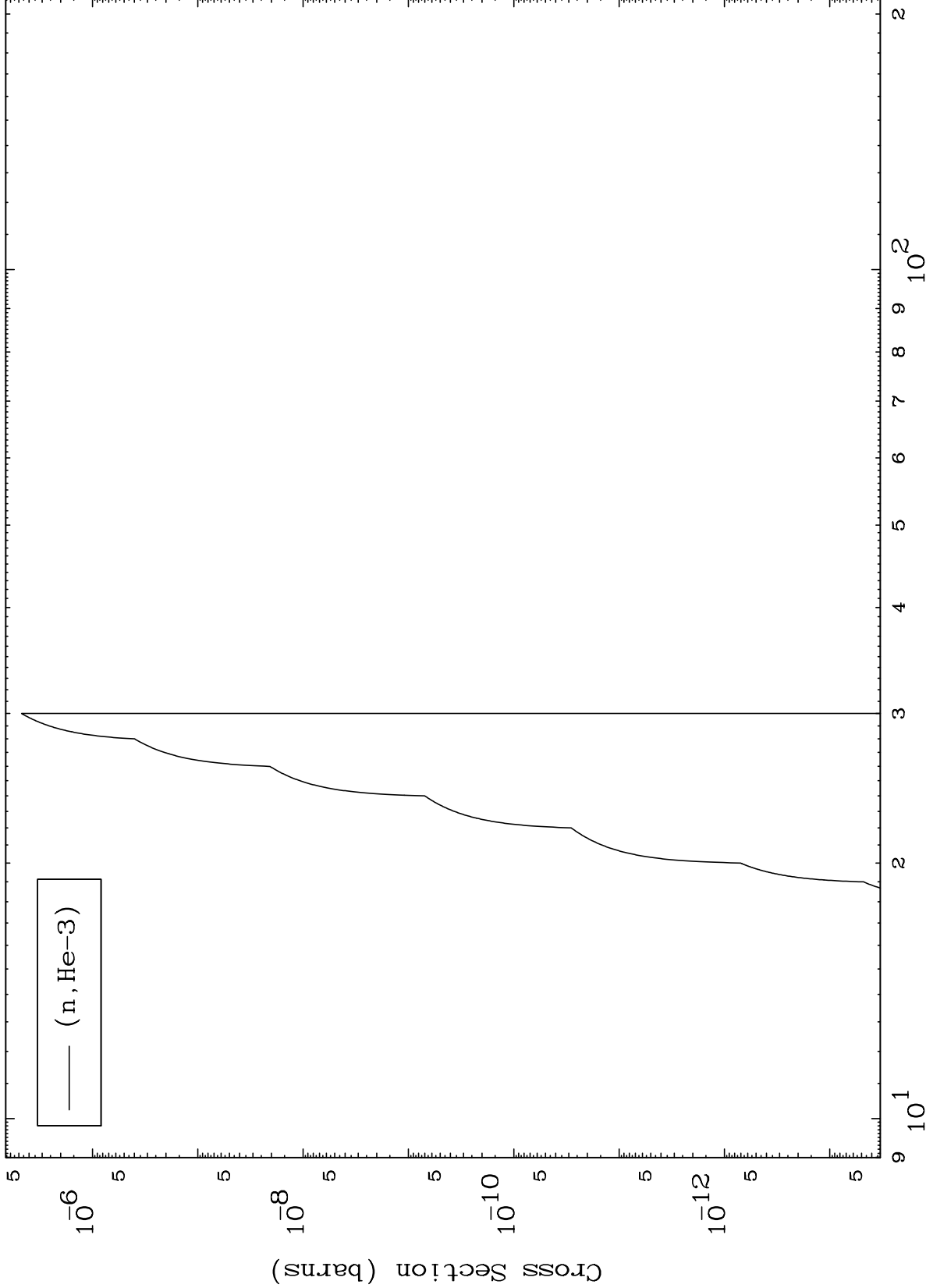
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



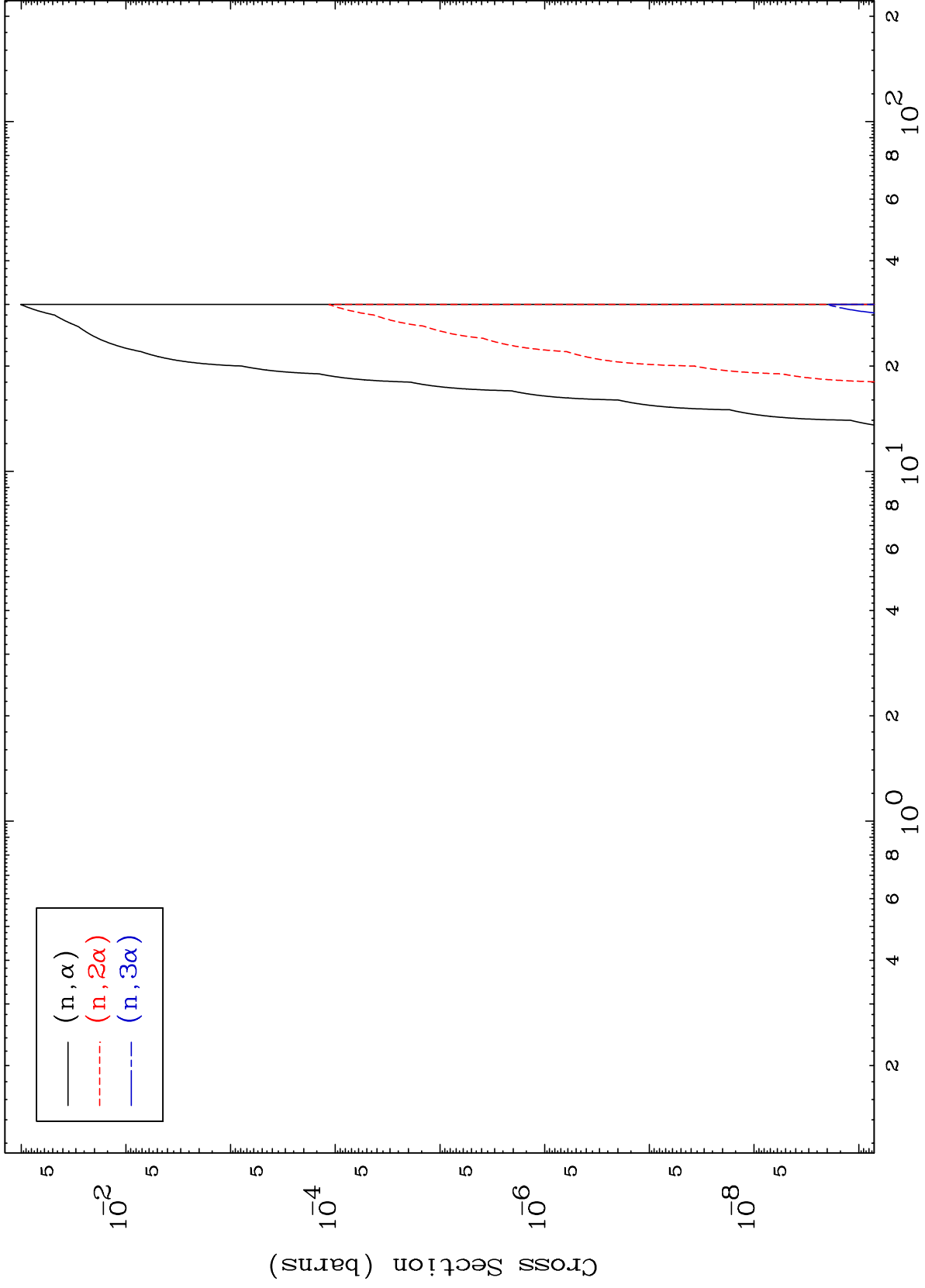
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



10

Incident Energy (MeV)

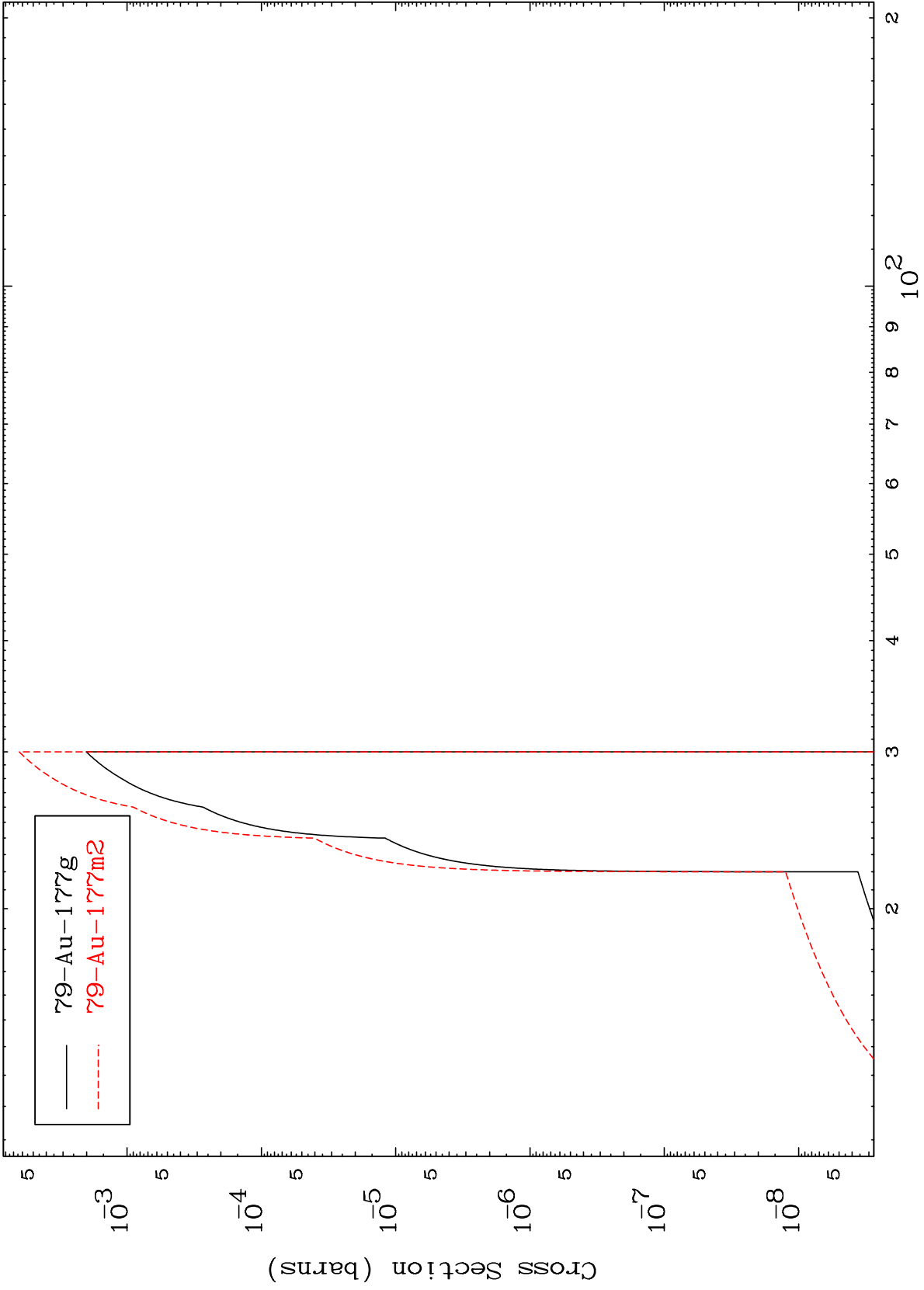
80-Hg-179

MAT 7974

(n,n') p  $\alpha$

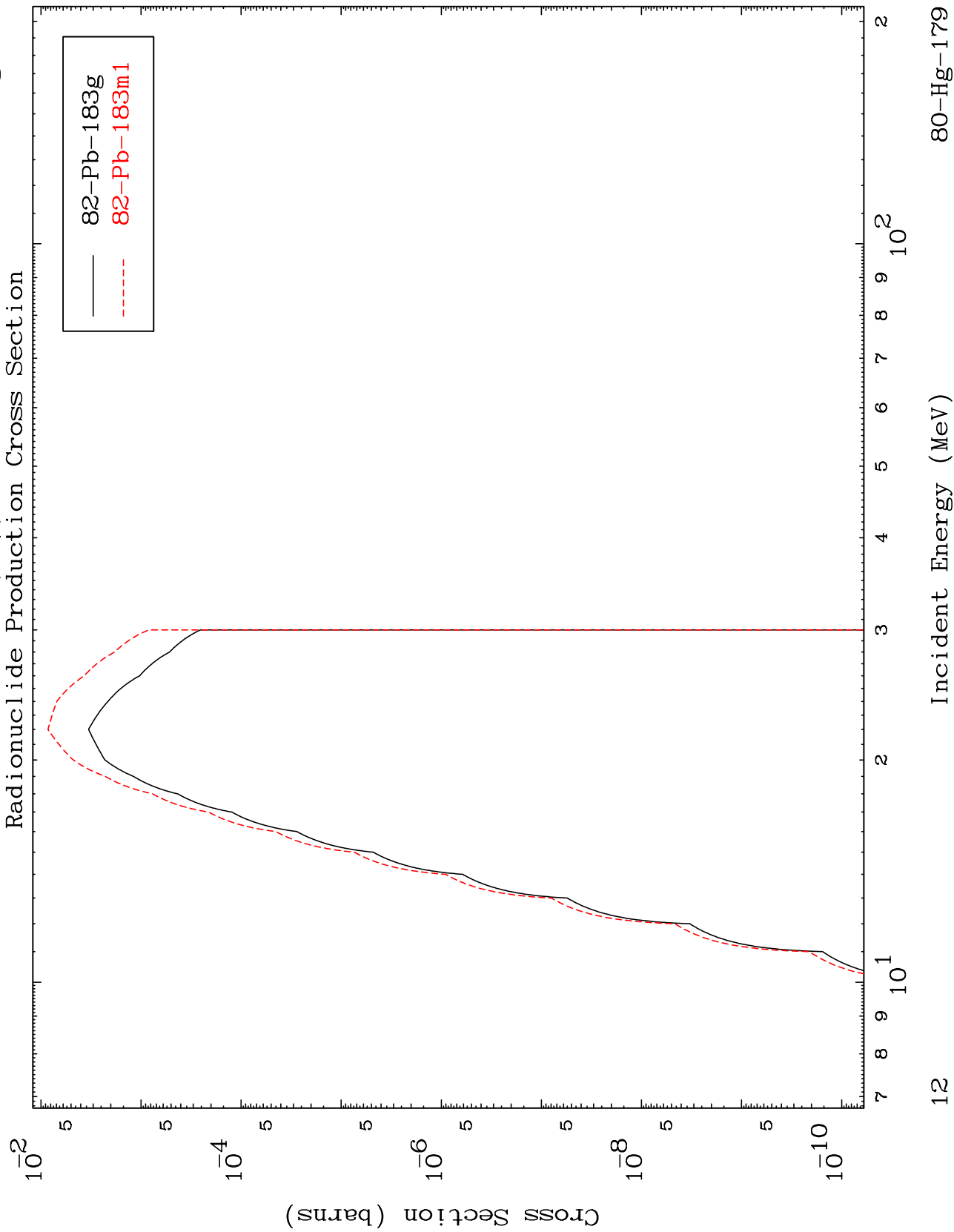
80-Hg-179

Radionuclide Production Cross Section



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80-Hg-179



12

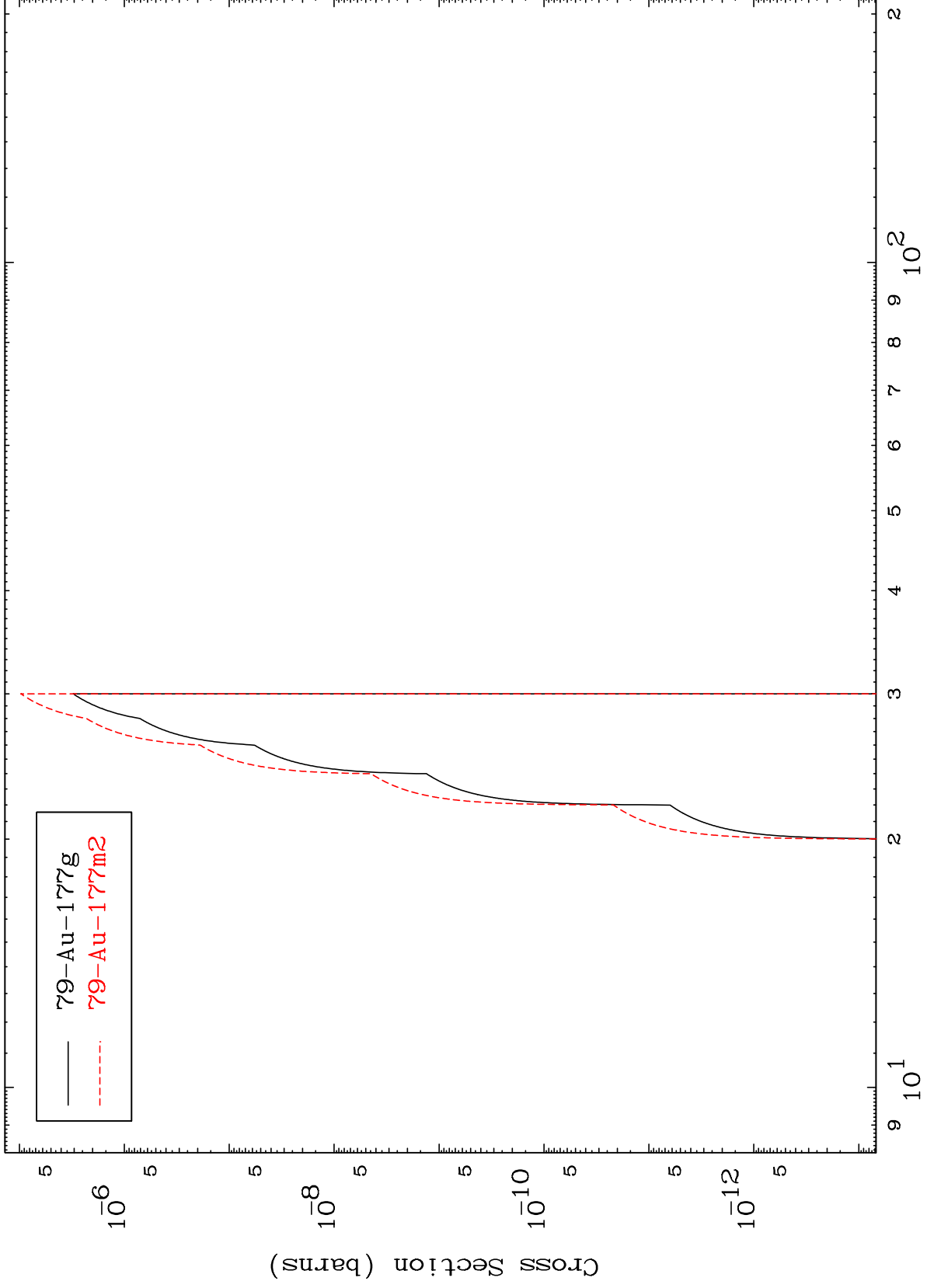
80-Hg-179

MAT 7974

(n,d)  $\alpha$

80-Hg-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

80-Hg-179