

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

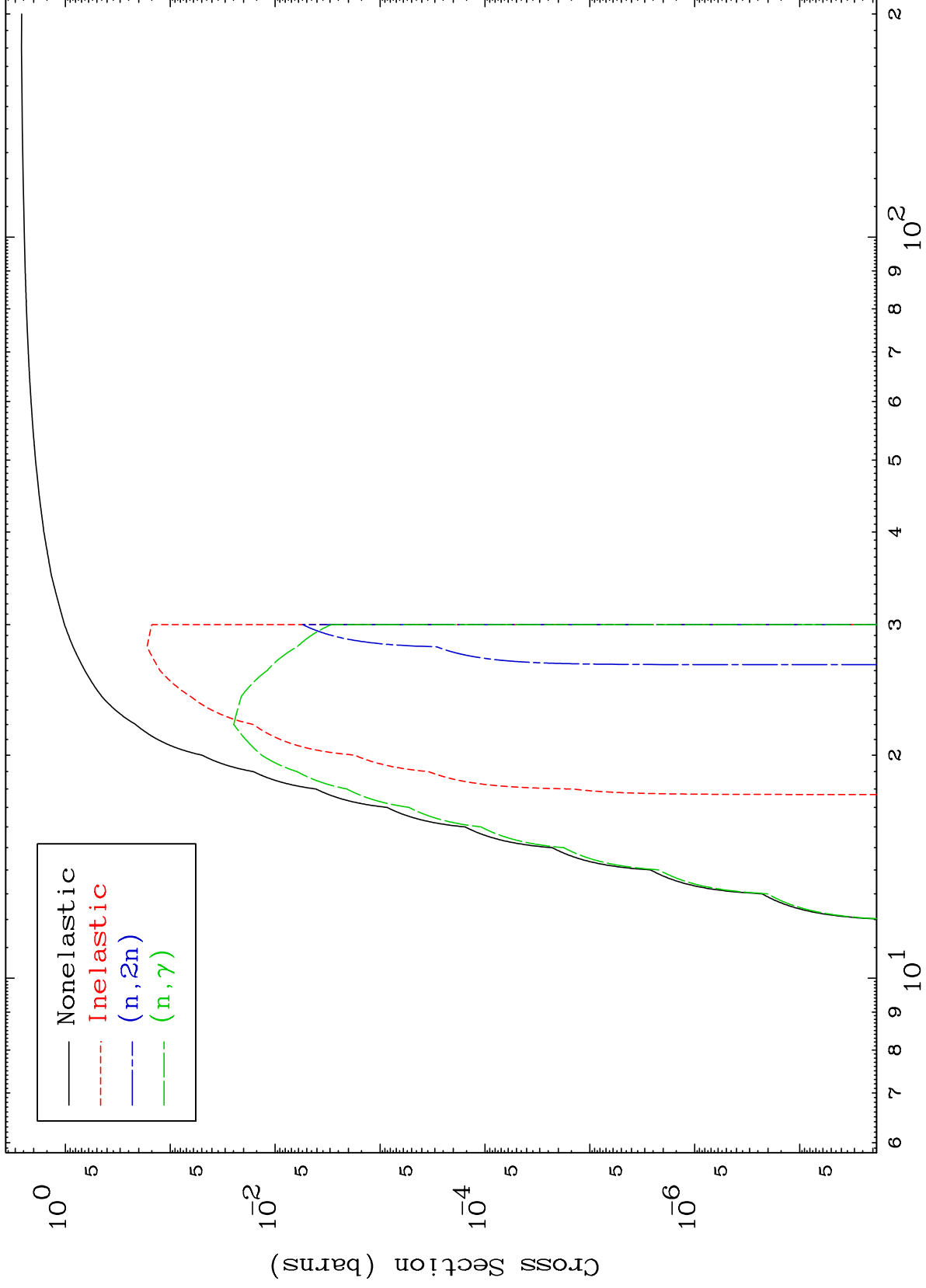
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7871

0 Kelvin Cross Sections

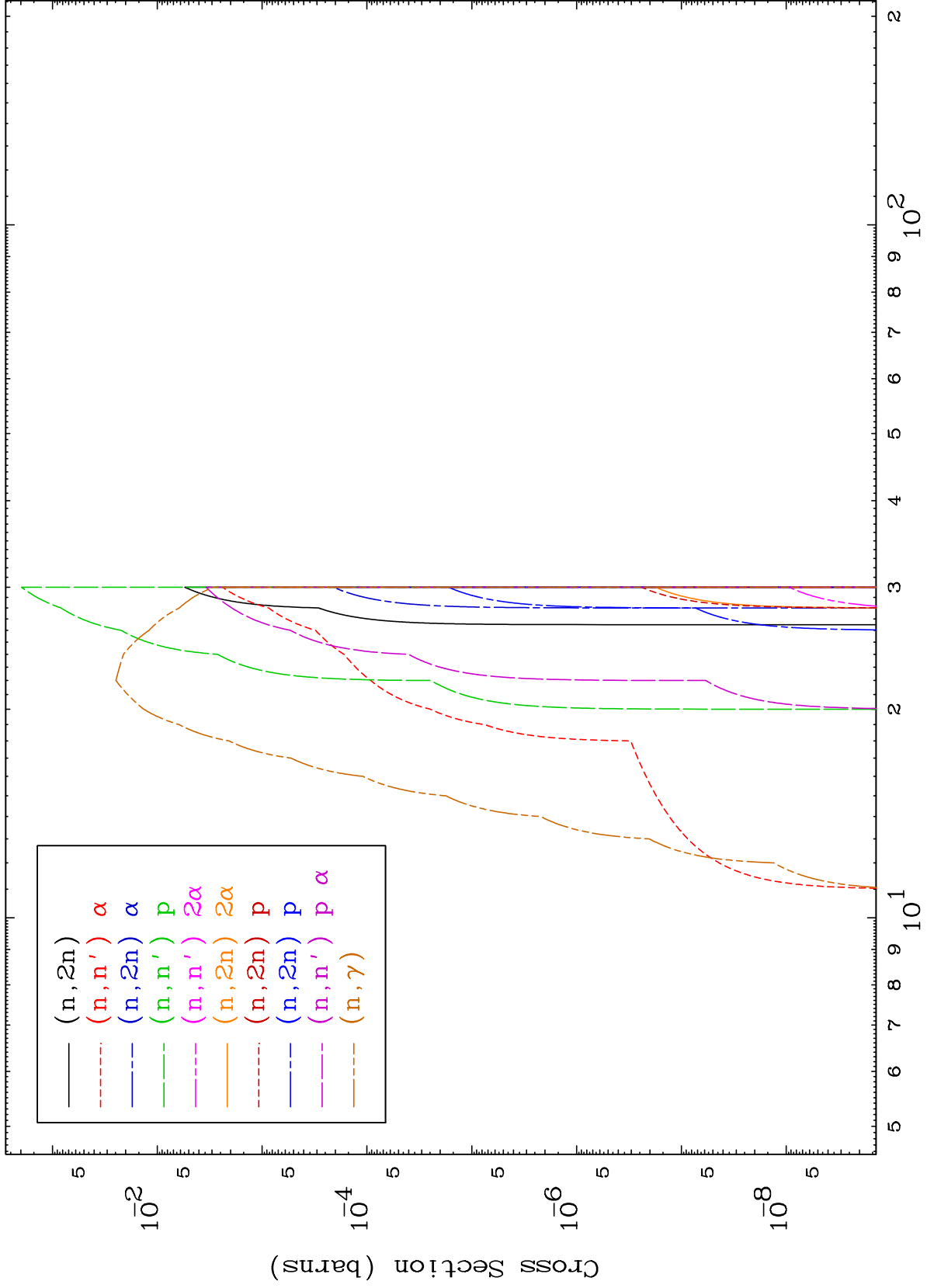
79-Au-179



1

Incident Energy (MeV)

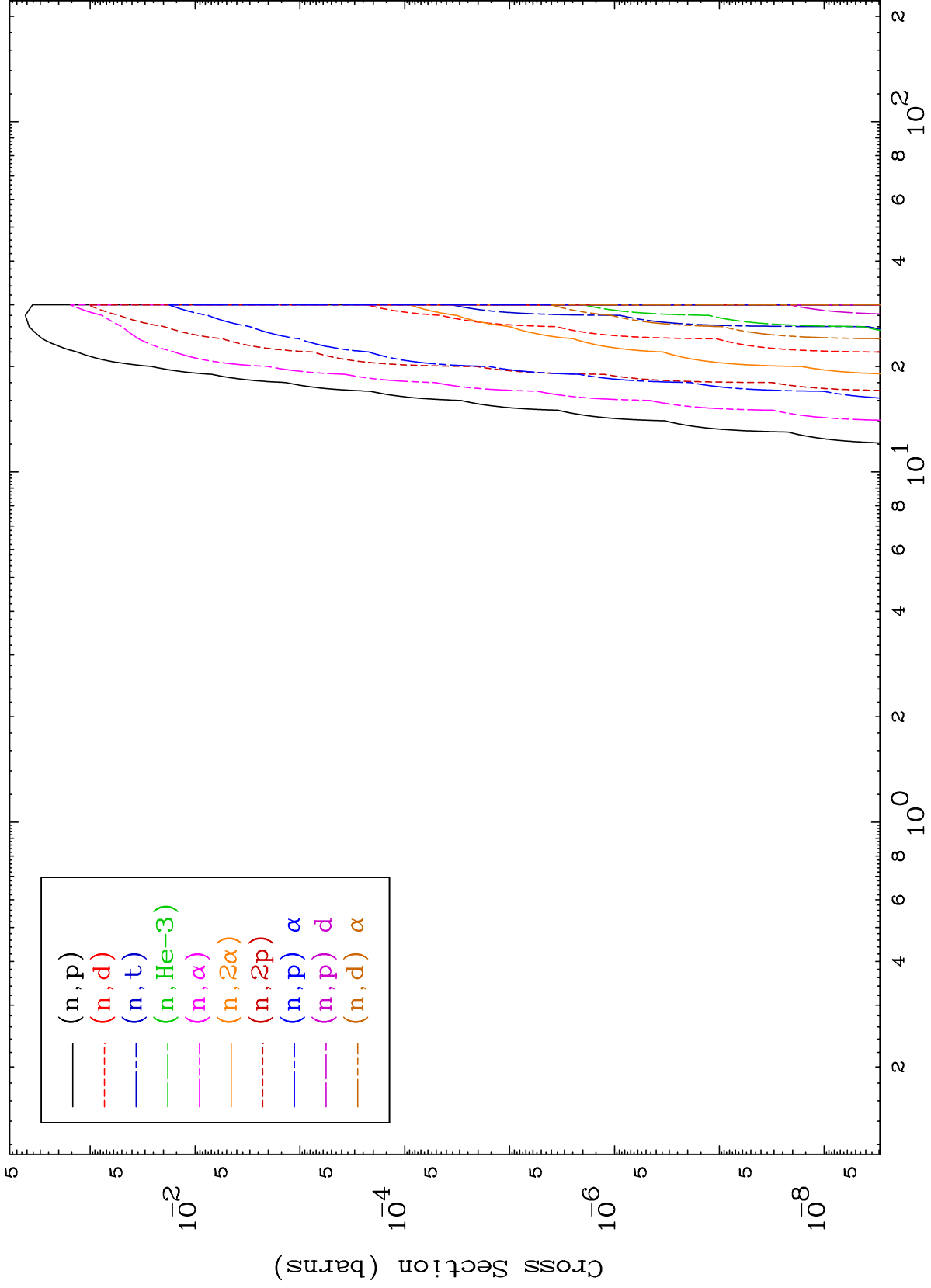
79-Au-179

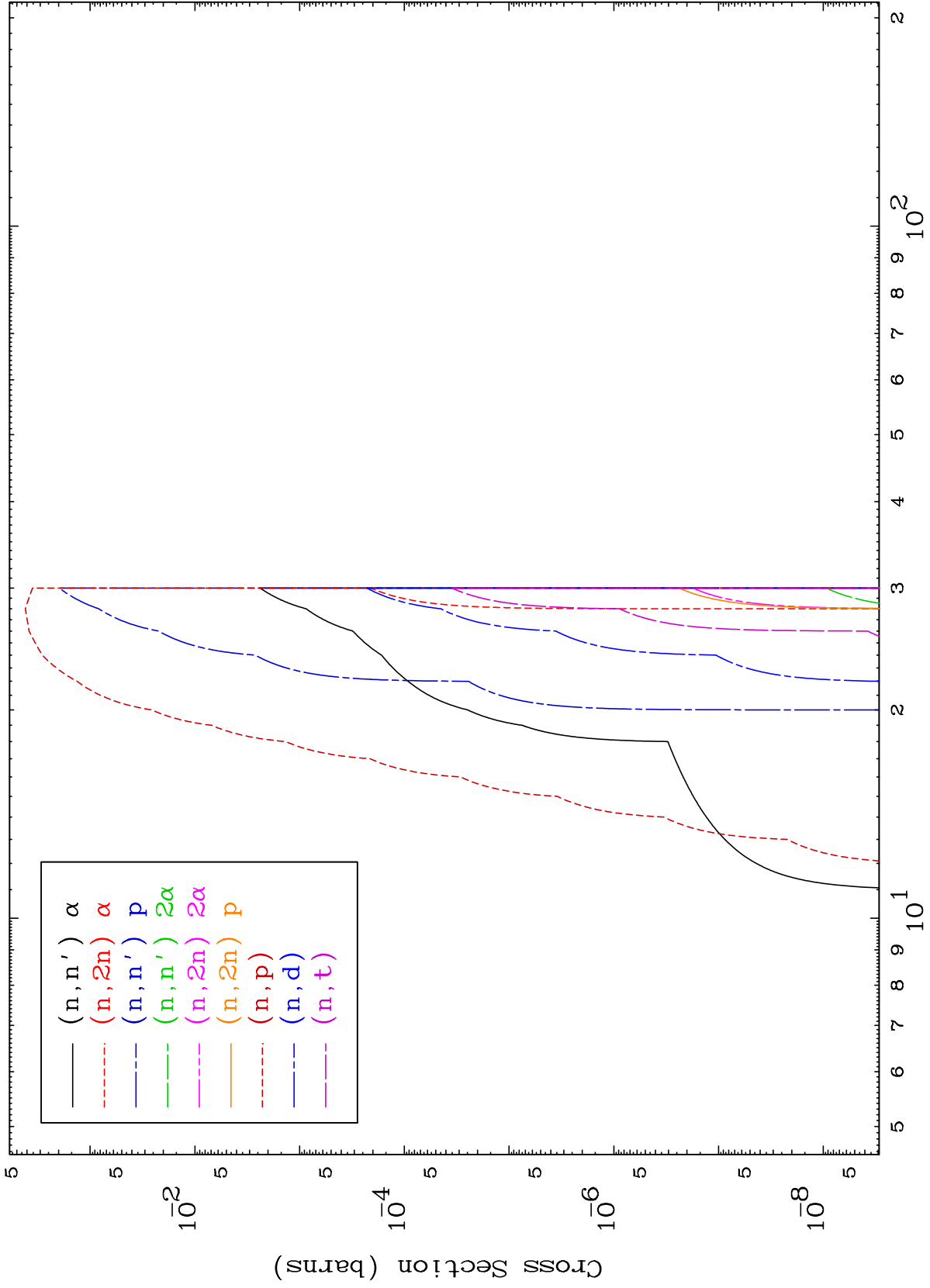


MAT 7871

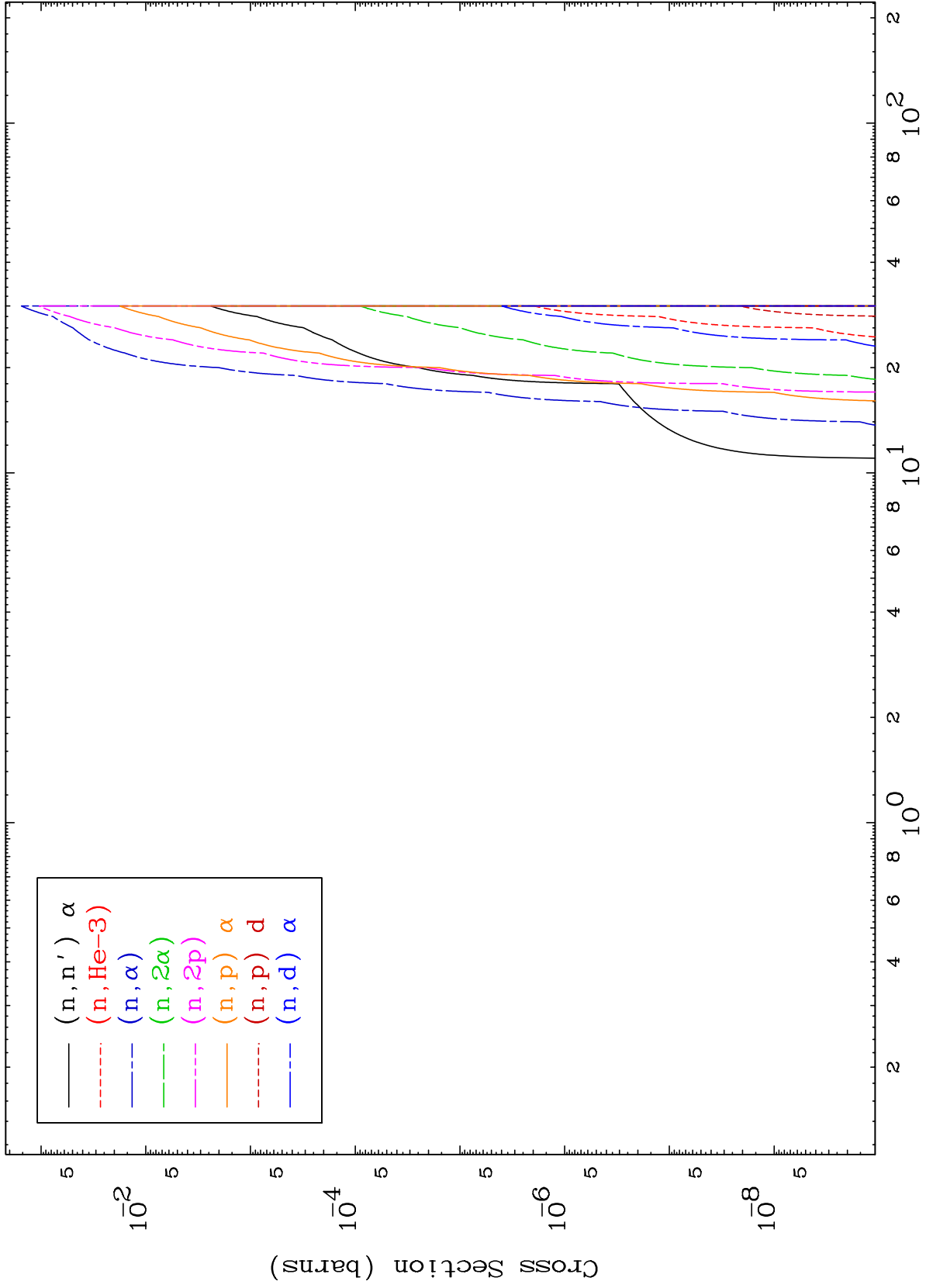
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

79-Au-179





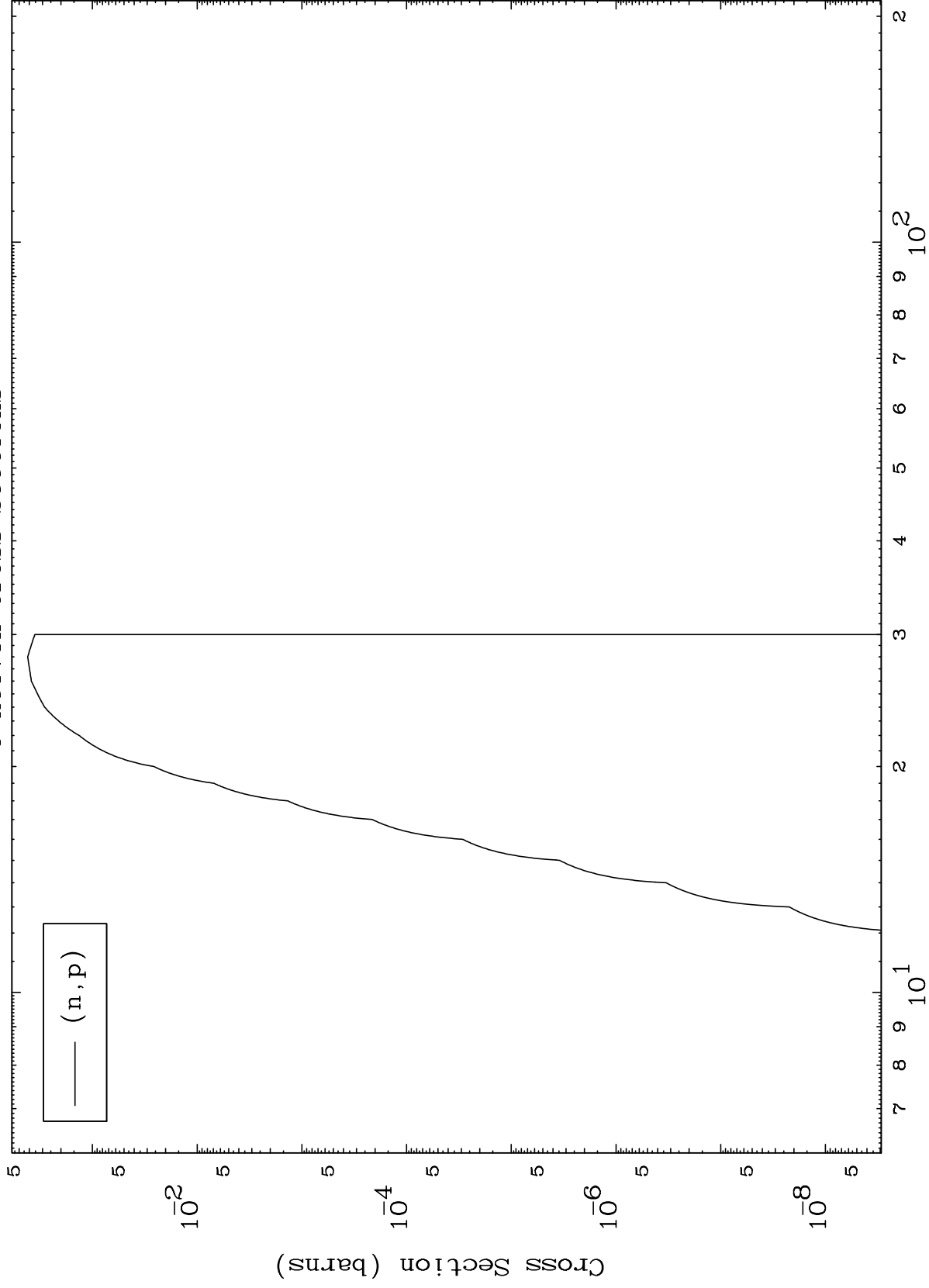
0 Kelvin Cross Sections



MAT 7871

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

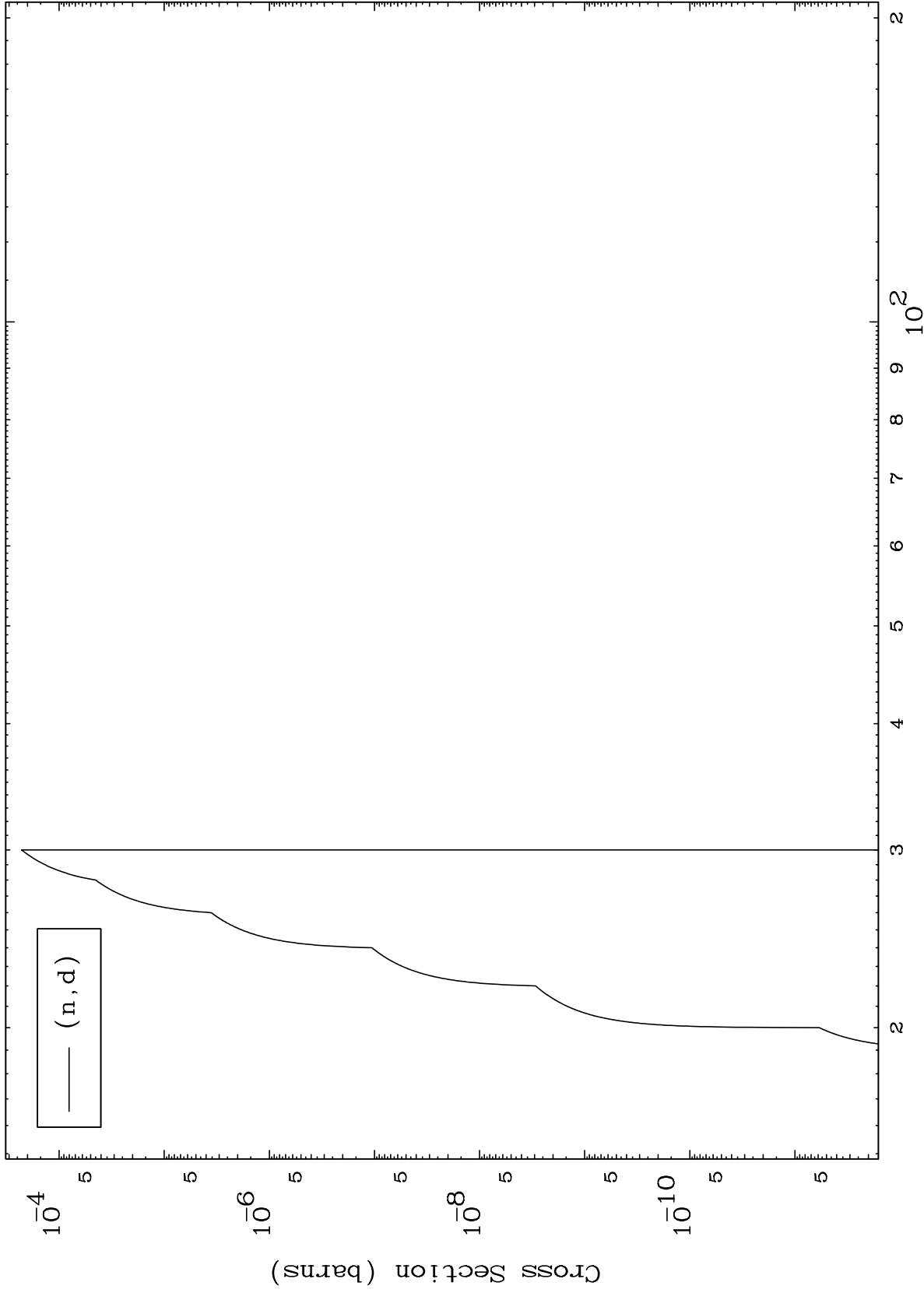
79-Au-179



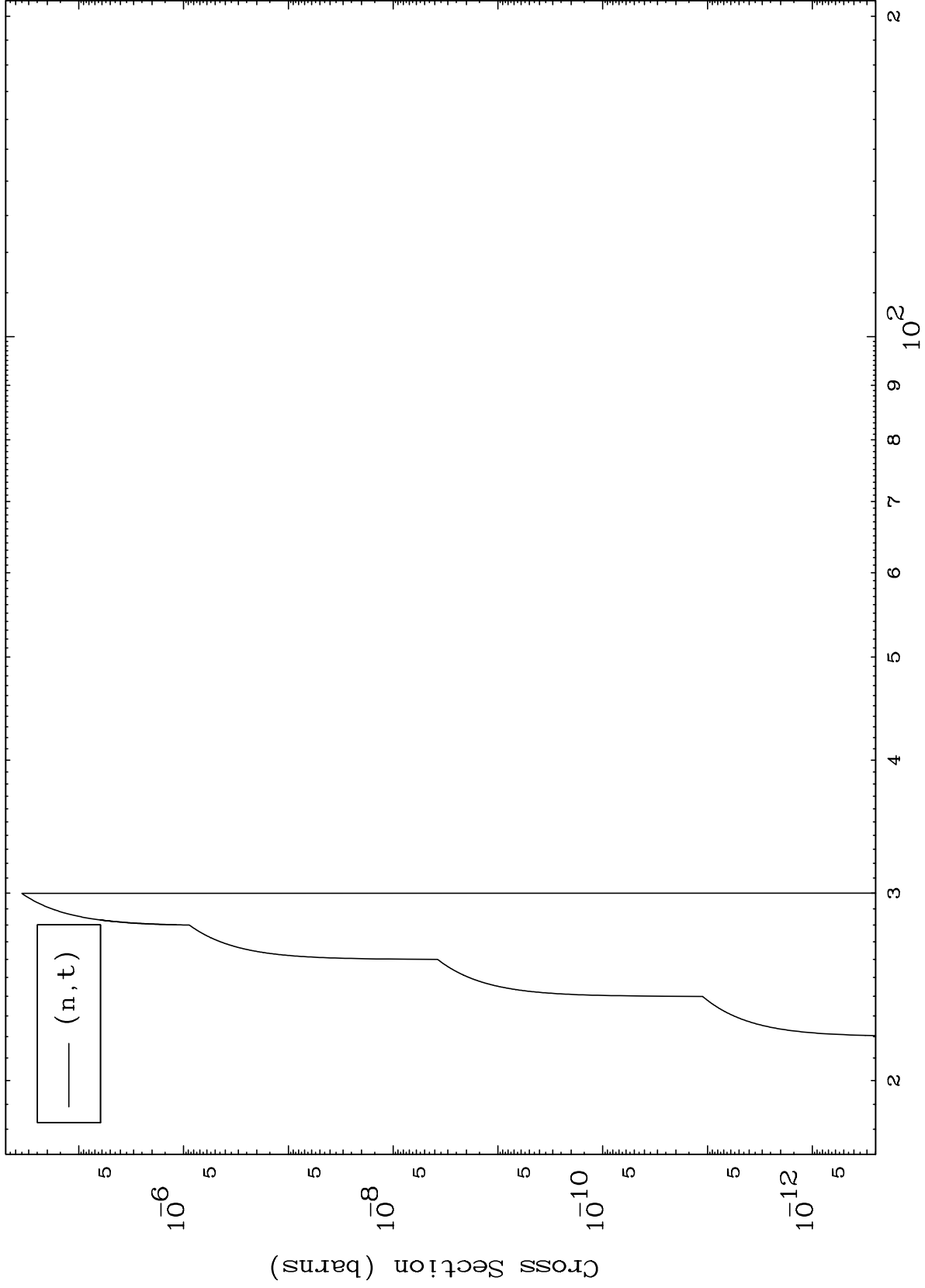
6

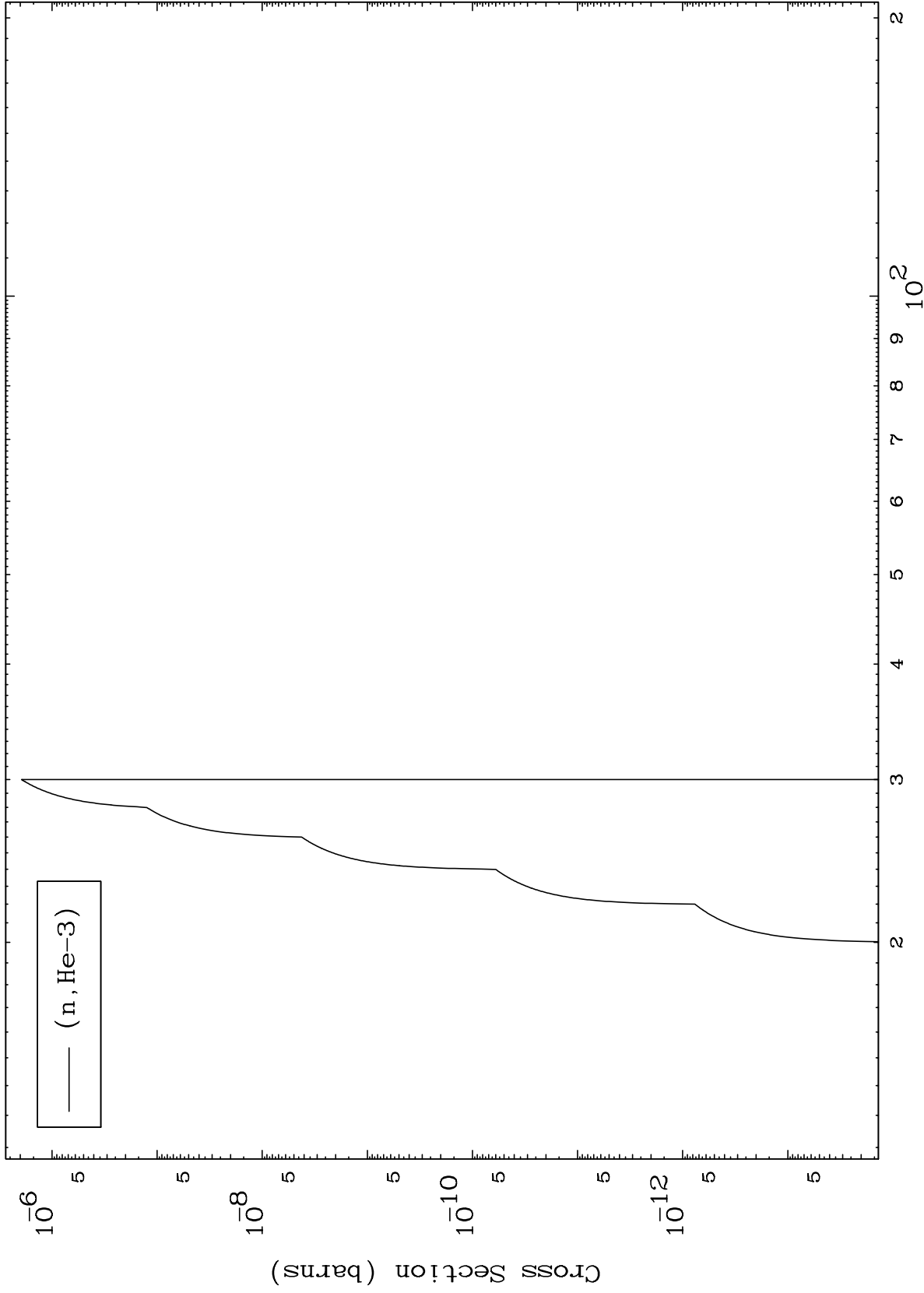
Incident Energy (MeV)

79-Au-179







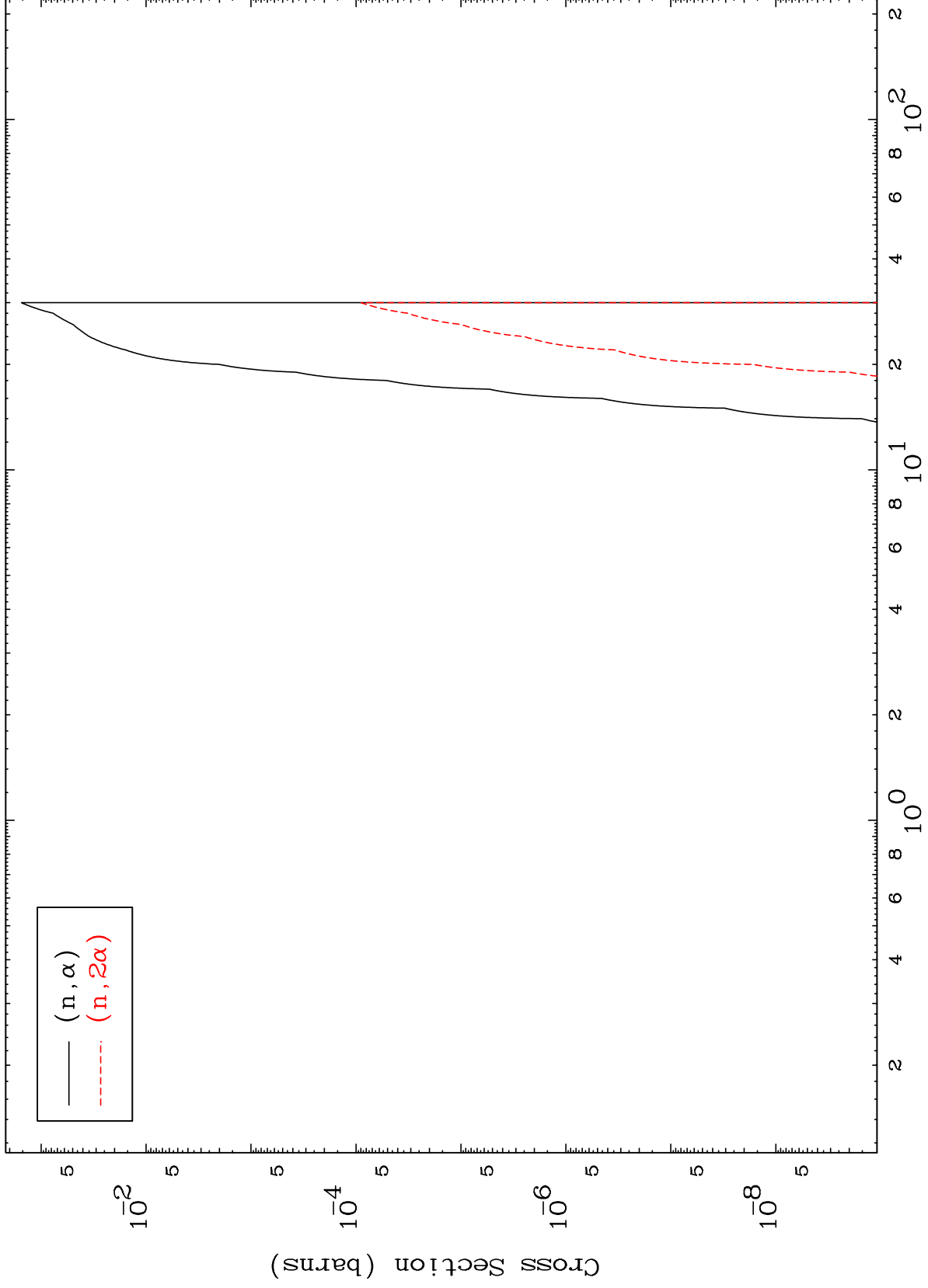


MAT 7871

( $\alpha, \alpha$ ) Levels

79-Au-179

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

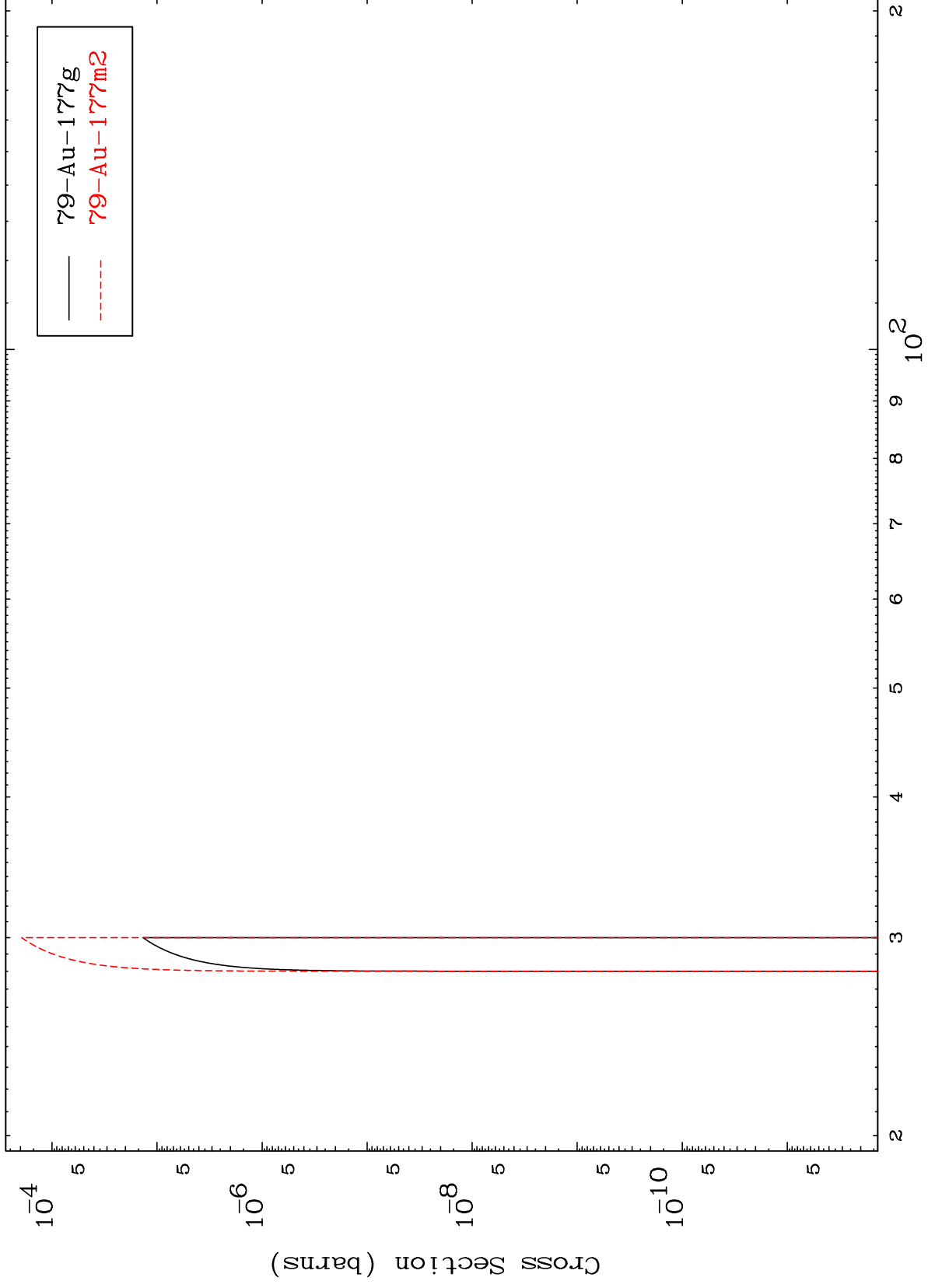
79-Au-179

MAT 7871

$(n,2n) \alpha$

$^{79}\text{Au-179}$

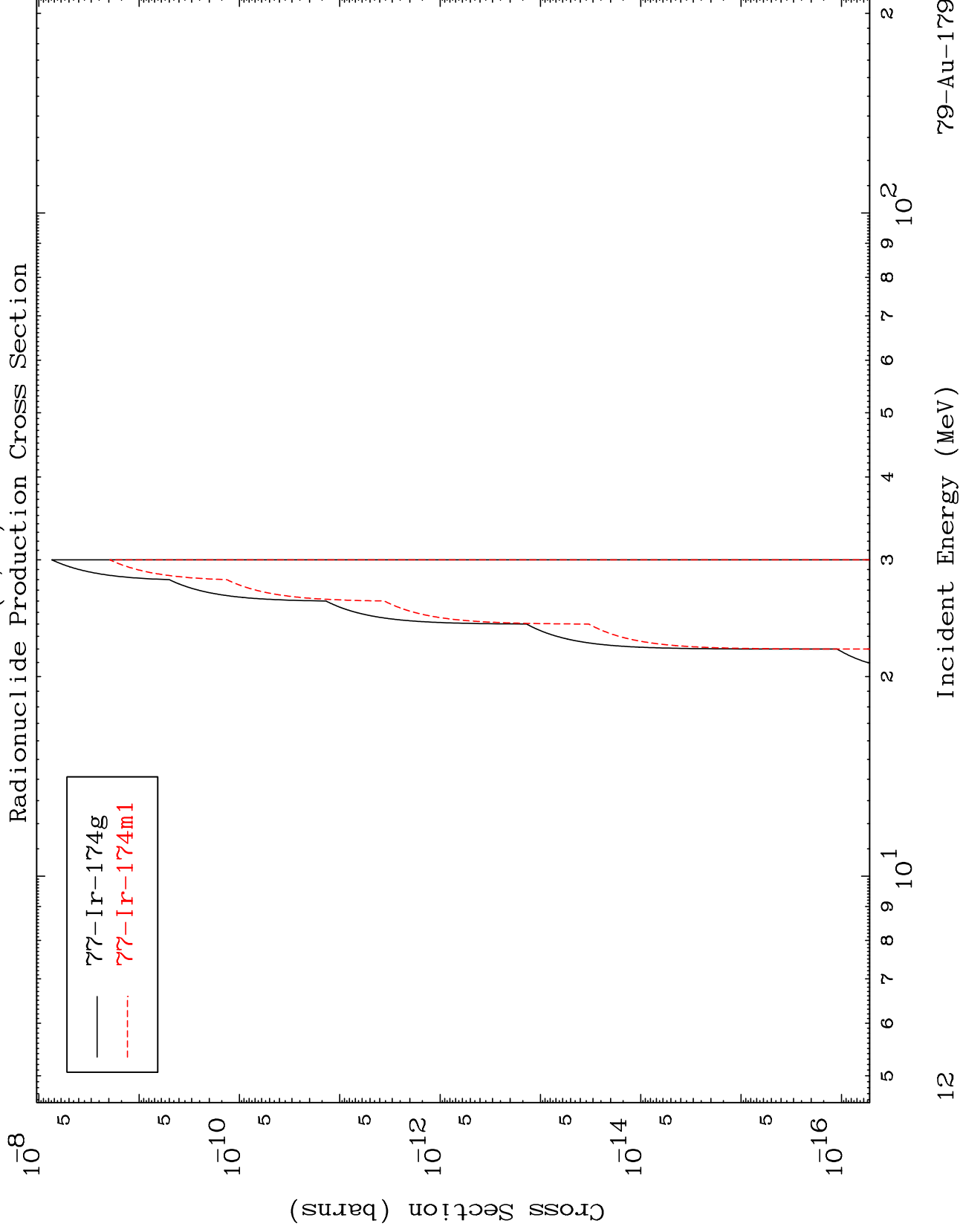
Radionuclide Production Cross Section



MAT 7871

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

$^{79}\text{Au-179}$



12

Radionuclide Production Cross Section

