

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

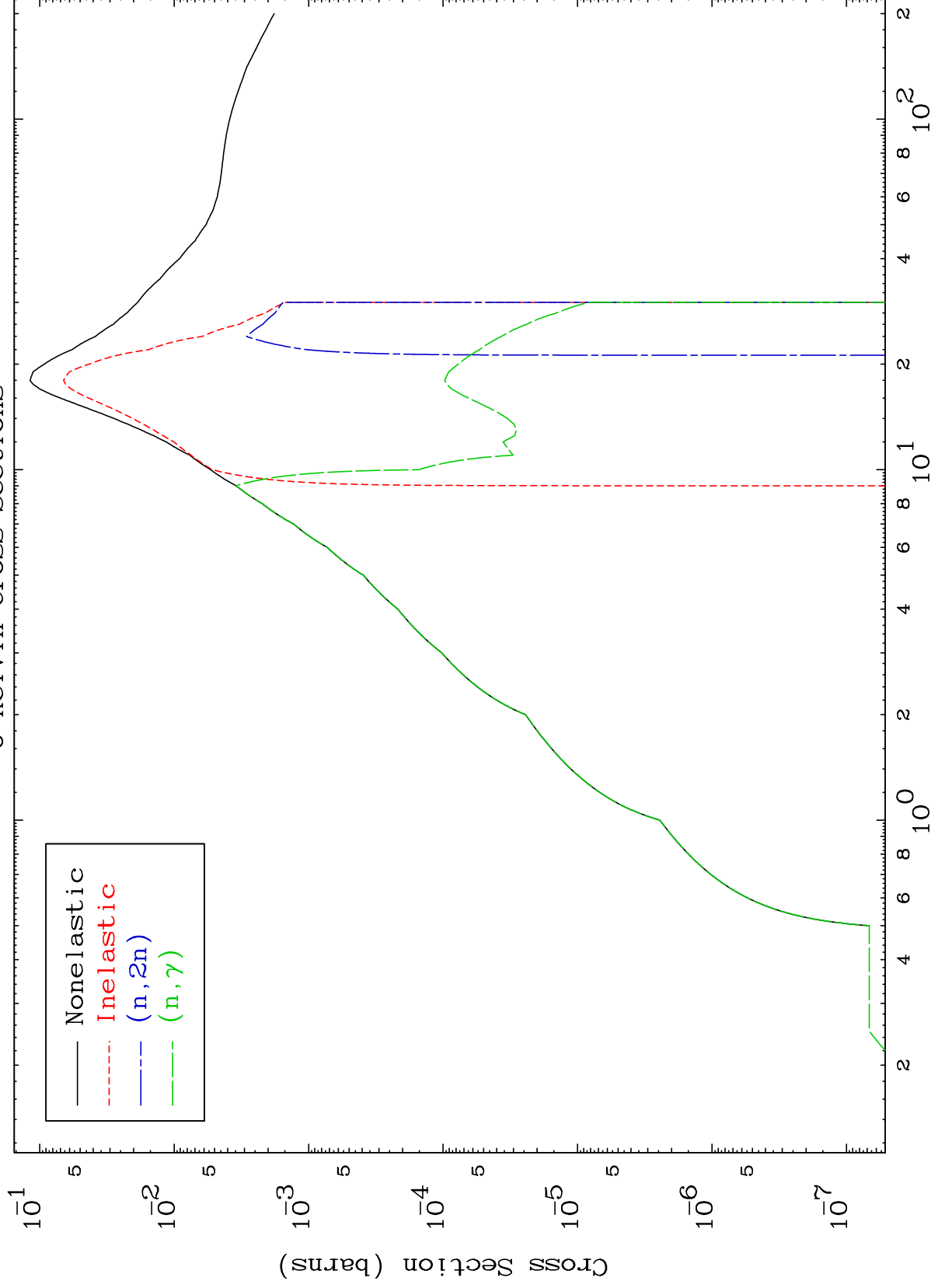
Press Mouse Button to Start

MAT 2828

Photon Major

28-Ni-59

0 Kelvin Cross Sections



1

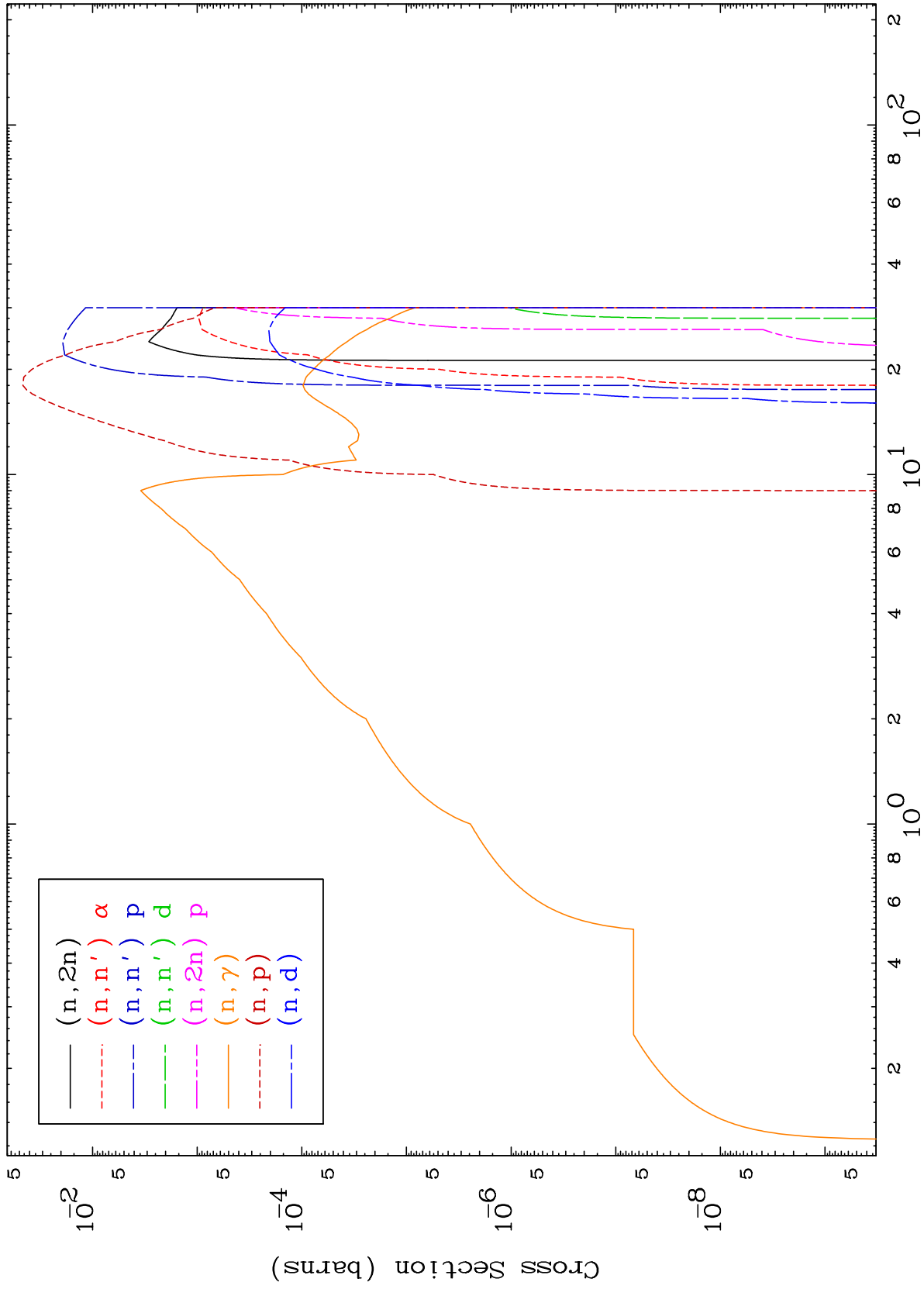
Incident Energy (MeV)

28-Ni-59

MAT 2828

Photon Neutron Absorption  
0 Kelvin Cross Sections

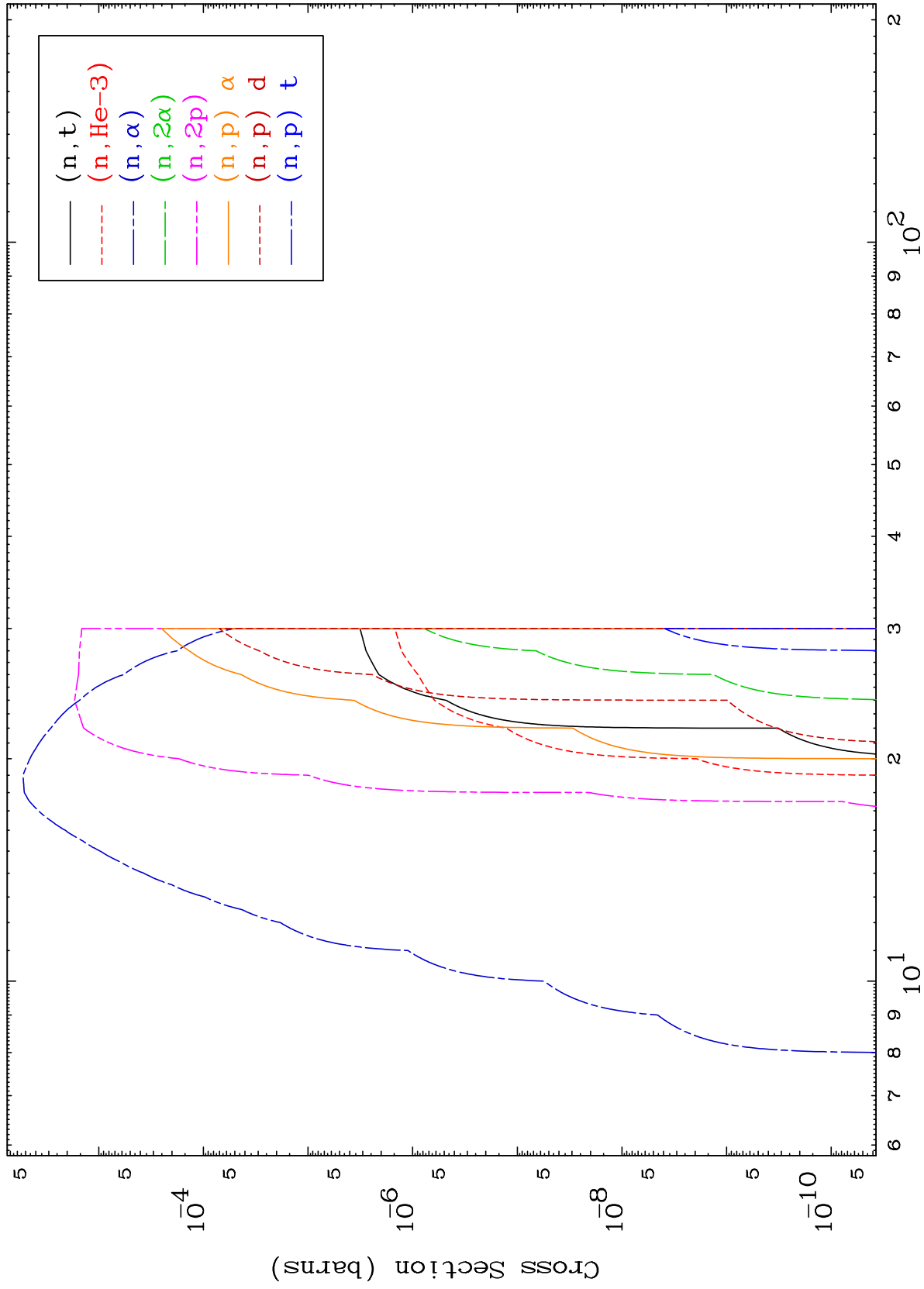
28-Ni-59

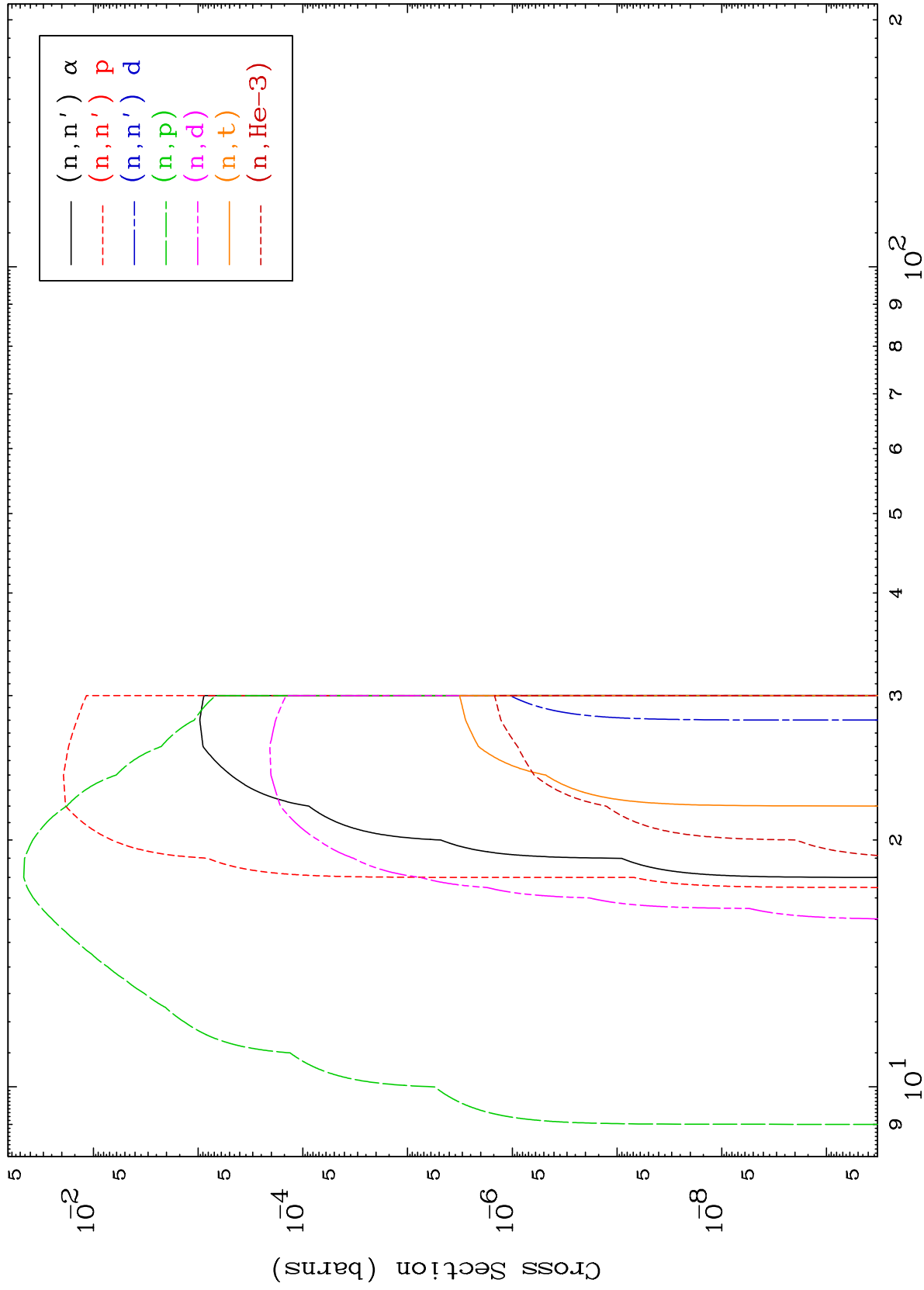


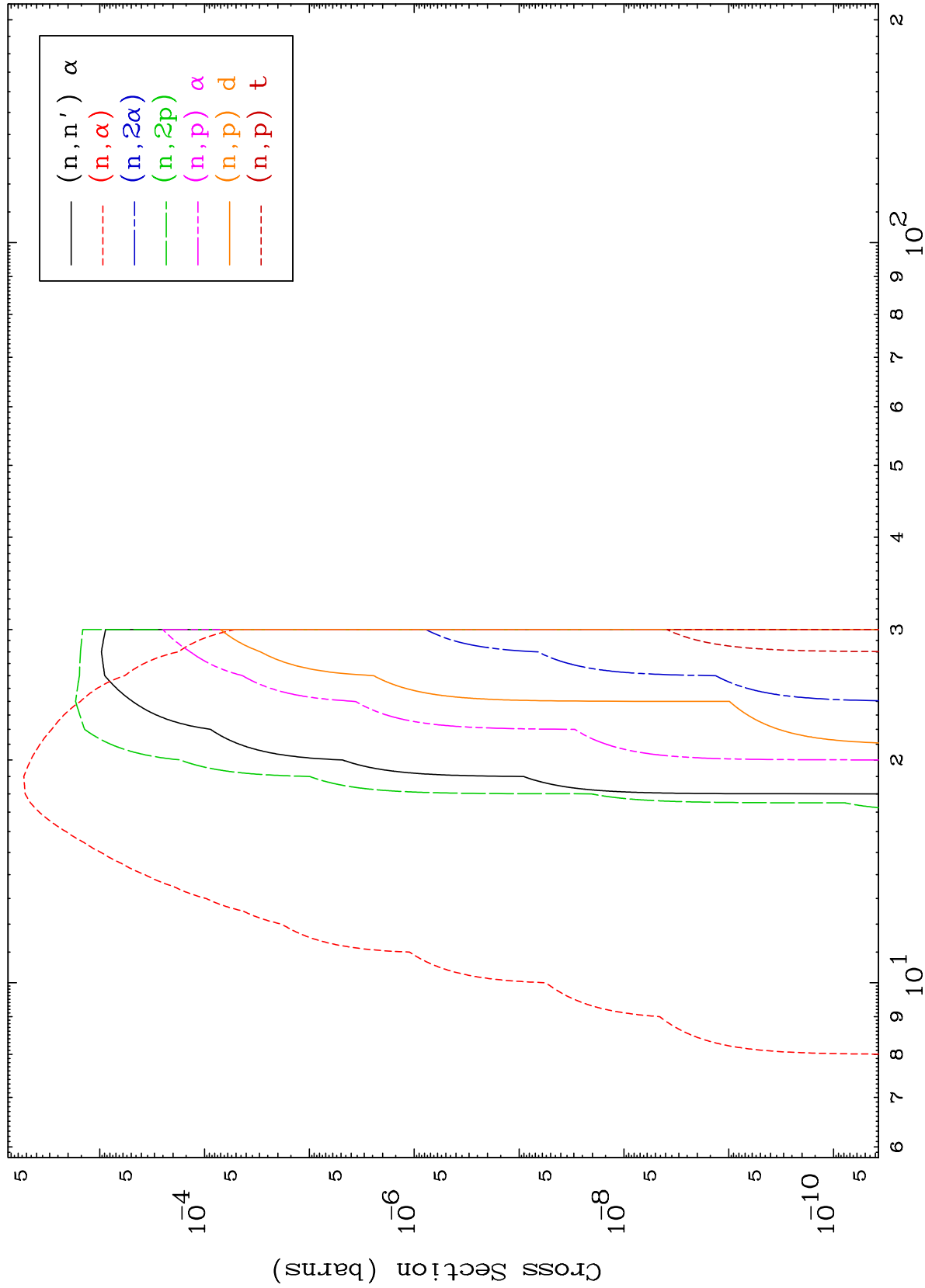
2

Incident Energy (MeV)

28-Ni-59





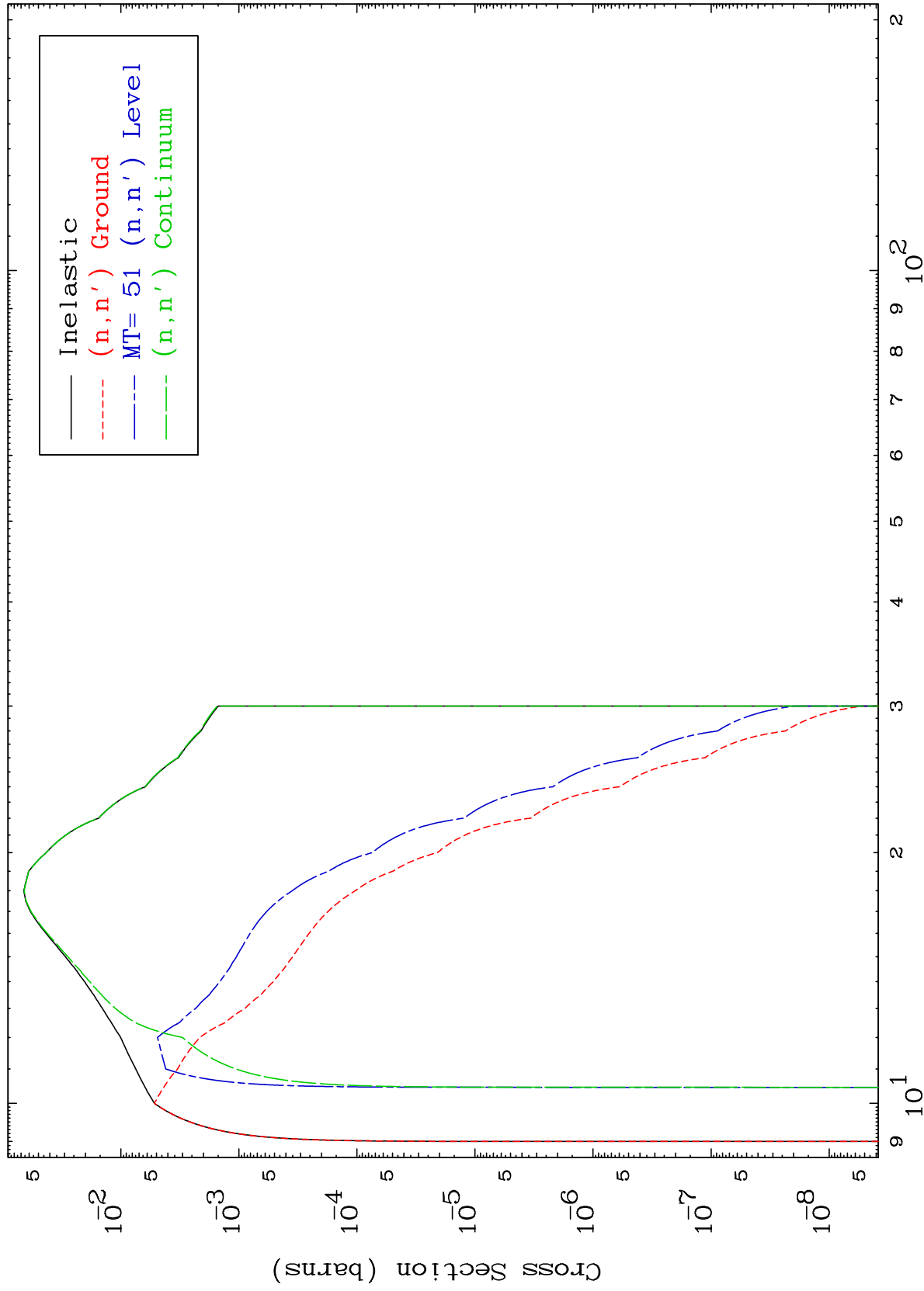


MAT 2828

$(\gamma, n')$  Levels

0 Kelvin Cross Sections

28-Ni-59



6

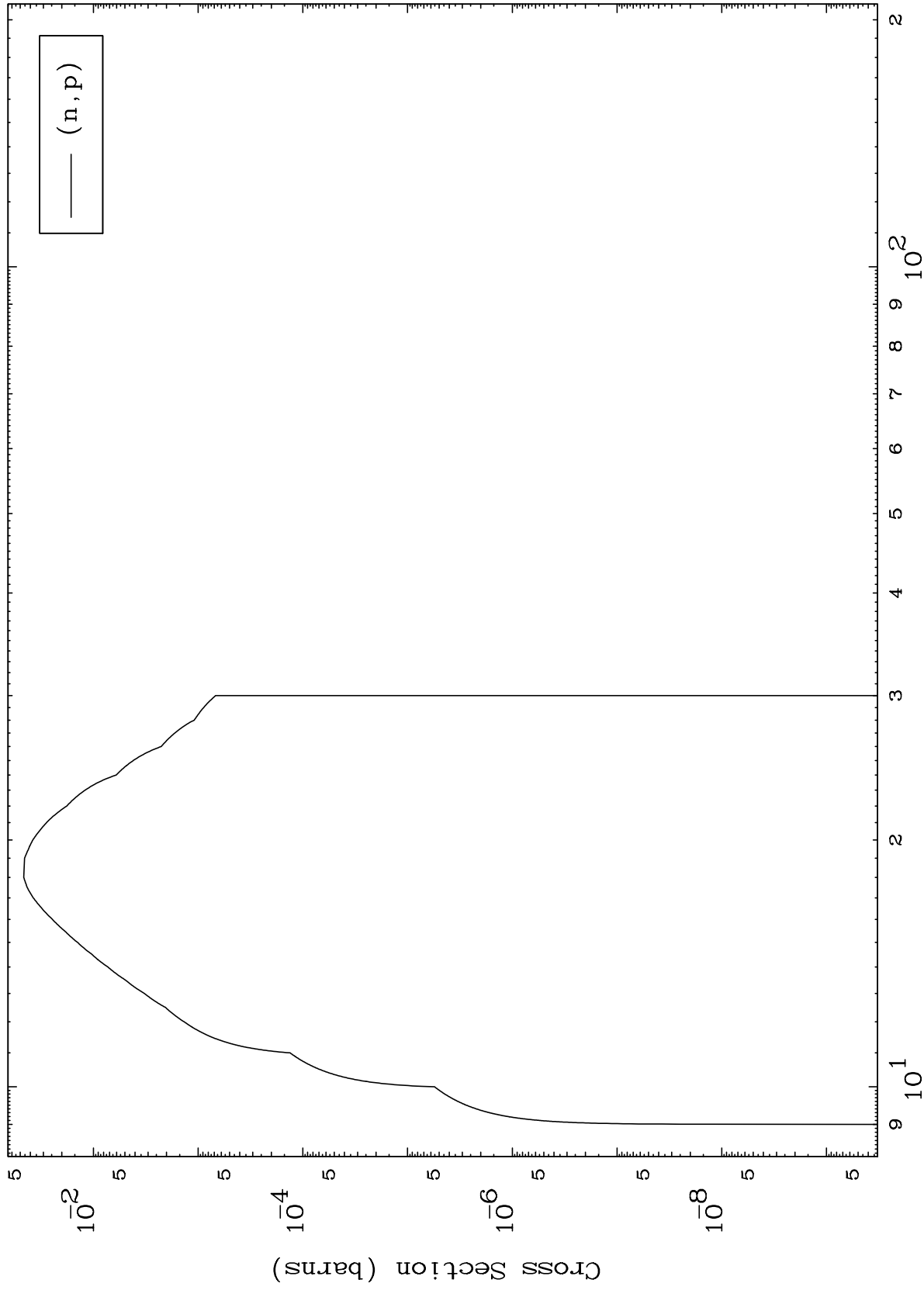
Incident Energy (MeV)

28-Ni-59

MAT 2828

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

28-Ni-59



7

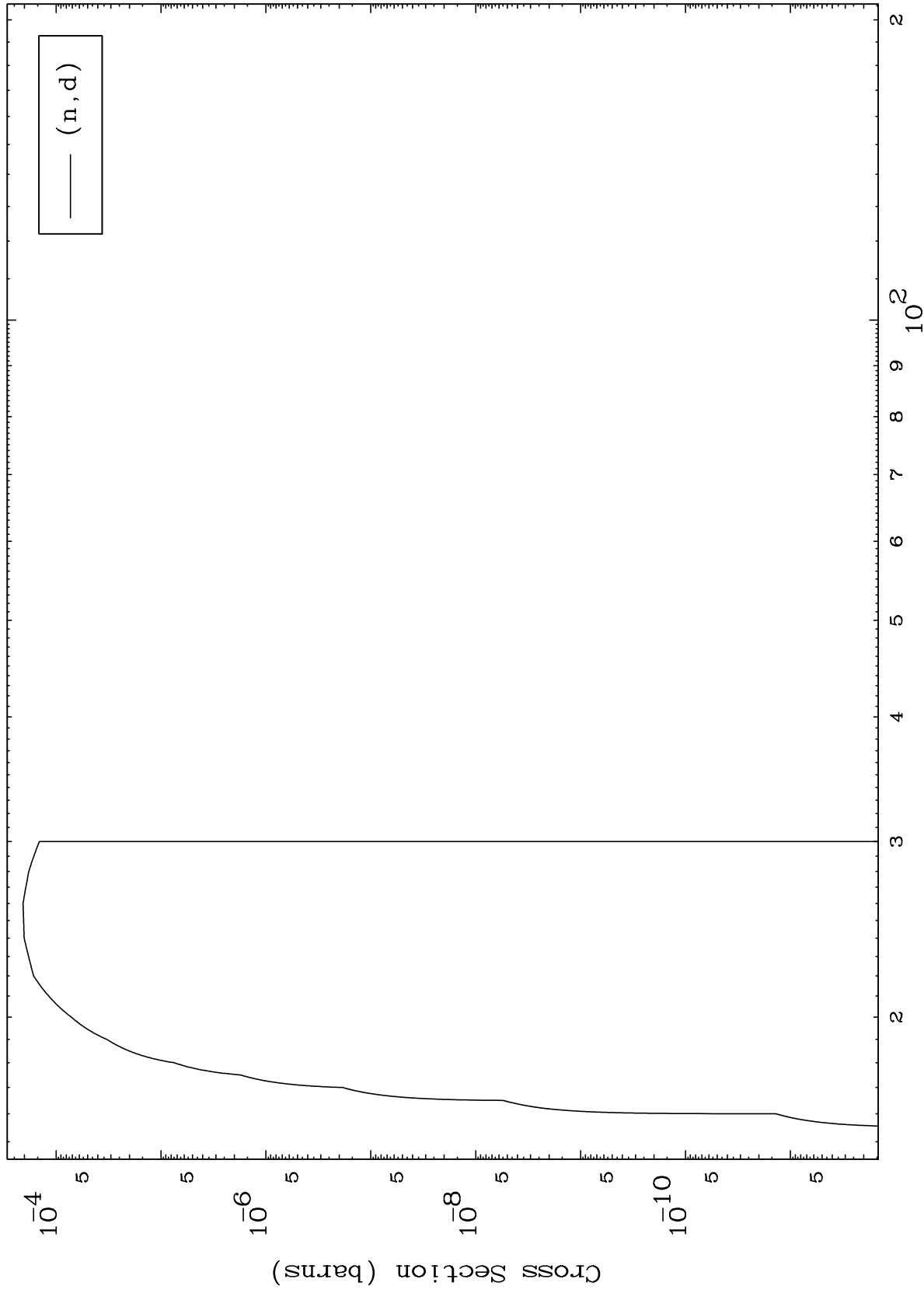
Incident Energy (MeV)

28-Ni-59

MAT 2828

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

28-Ni-59



8

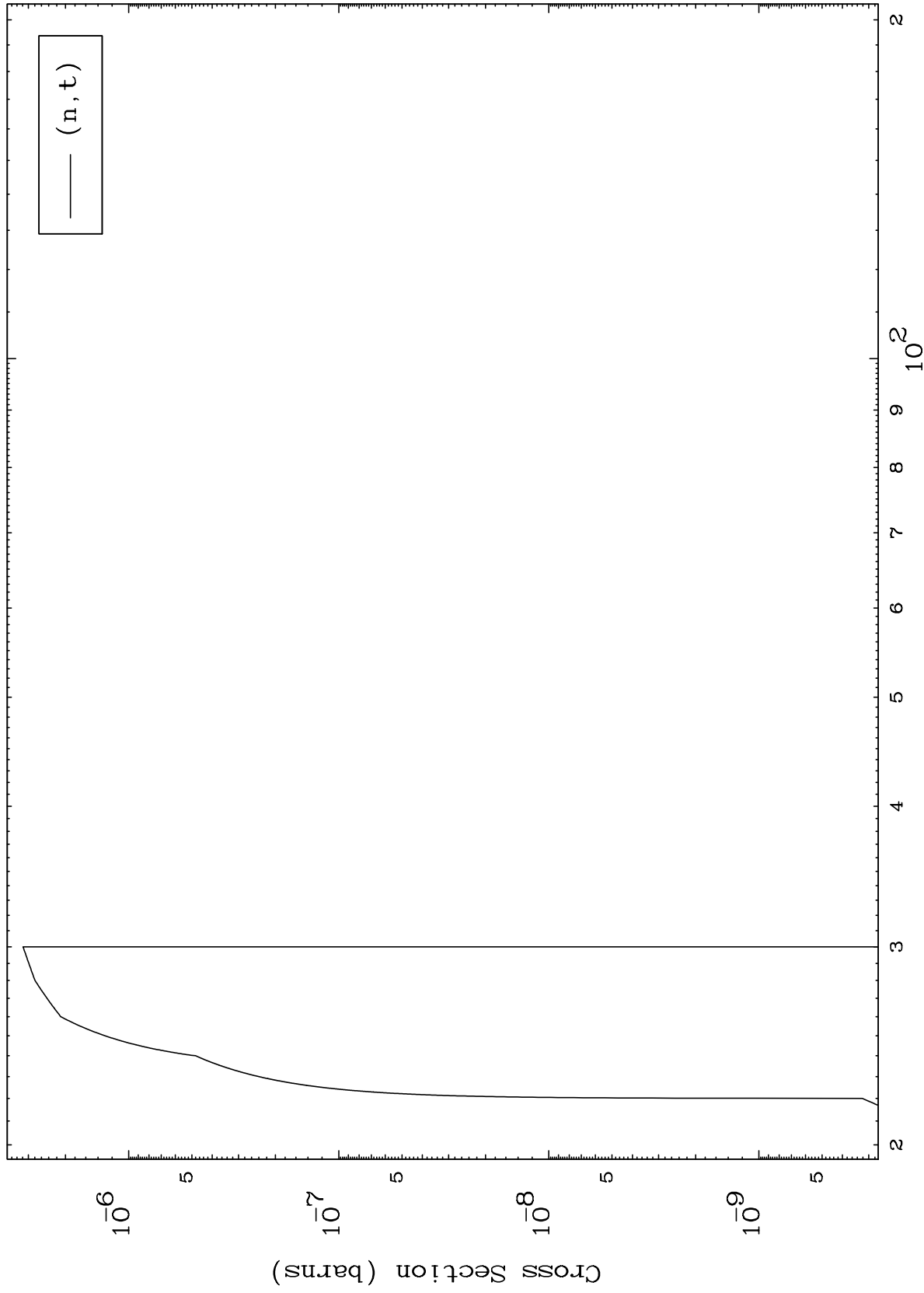
Incident Energy (MeV)

28-Ni-59

MAT 2828

28-Ni-59

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



9

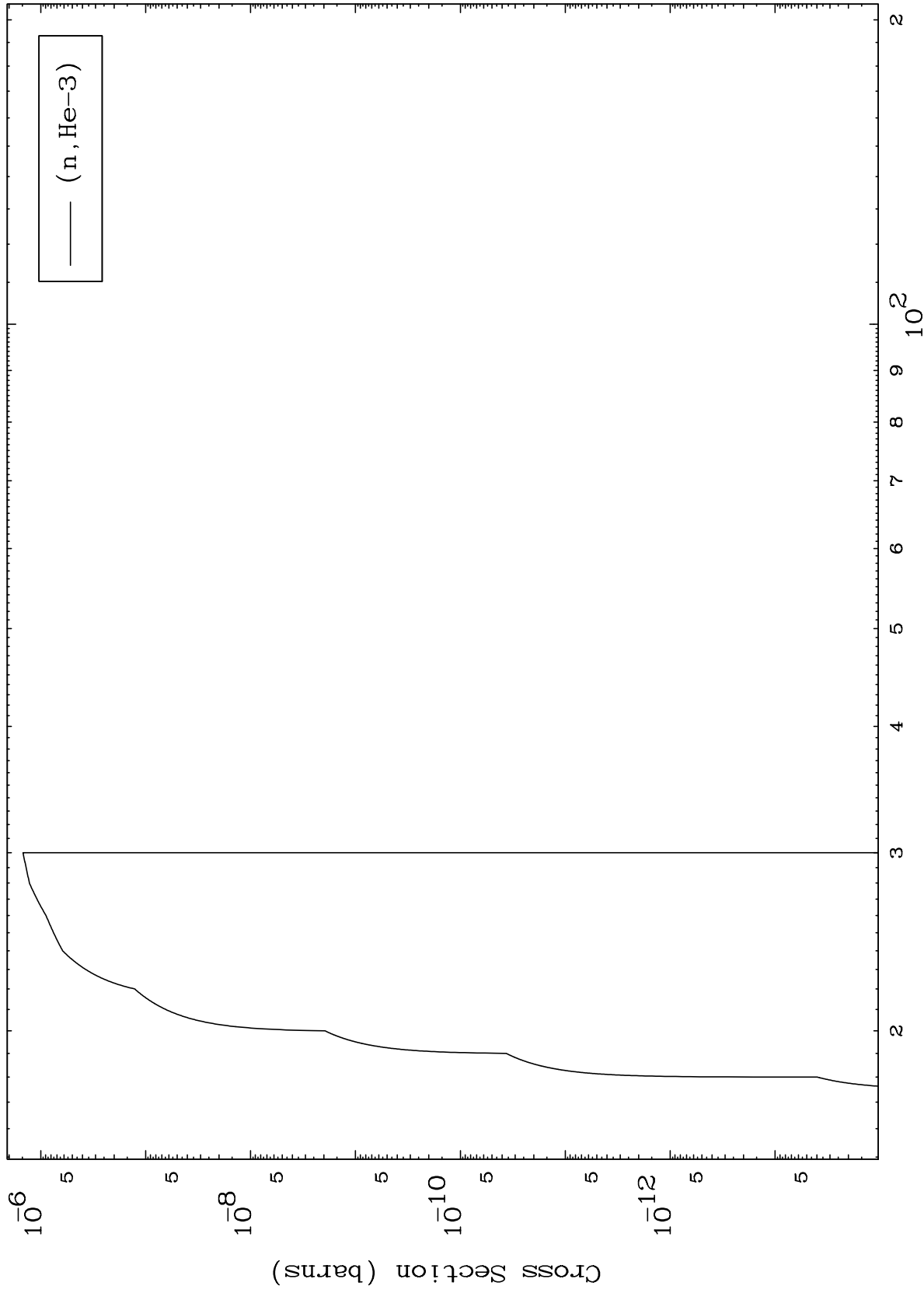
Incident Energy (MeV)

28-Ni-59

MAT 2828

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

28-Ni-59



10

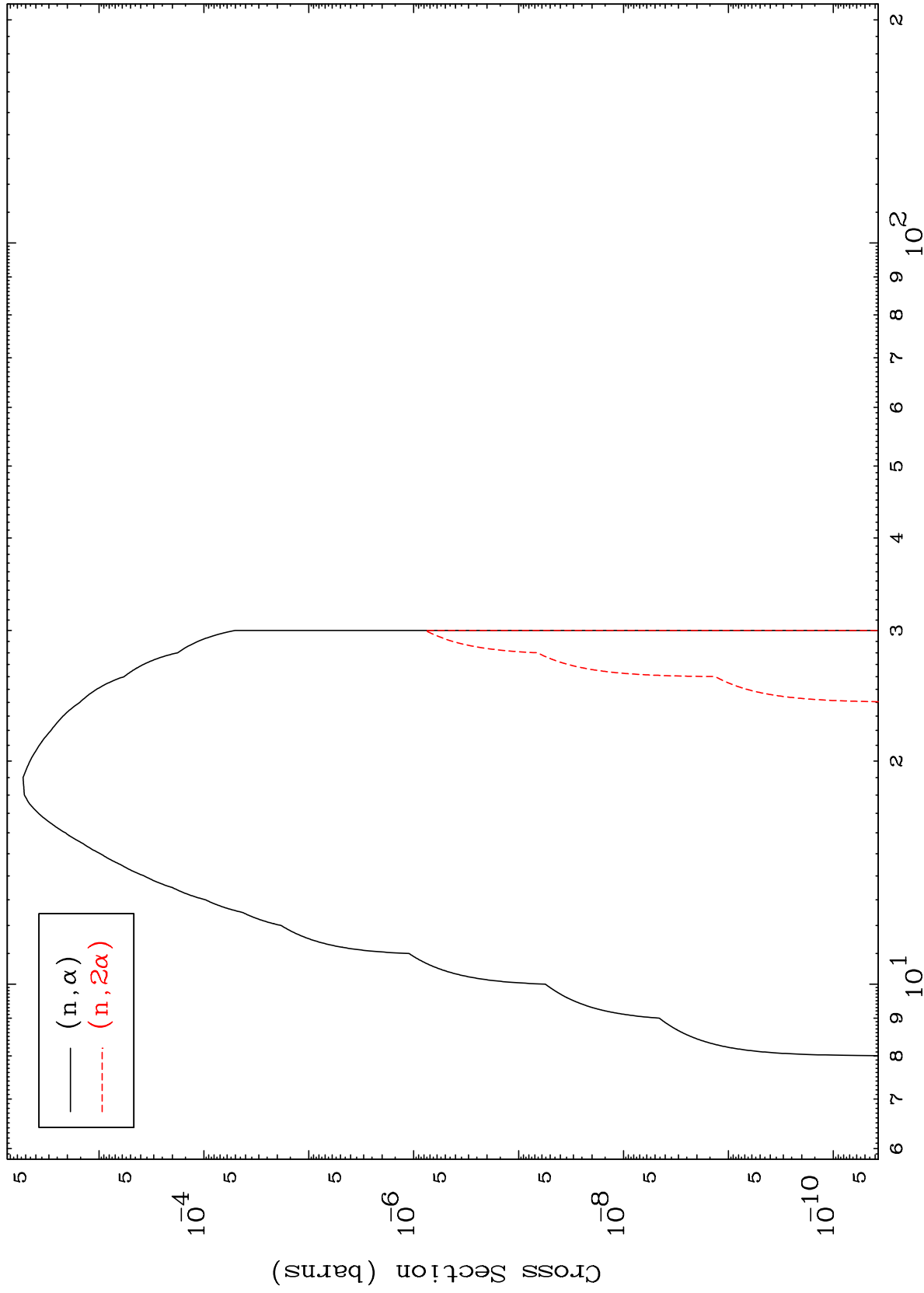
Incident Energy (MeV)

28-Ni-59

MAT 2828

28-Ni-59

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



11

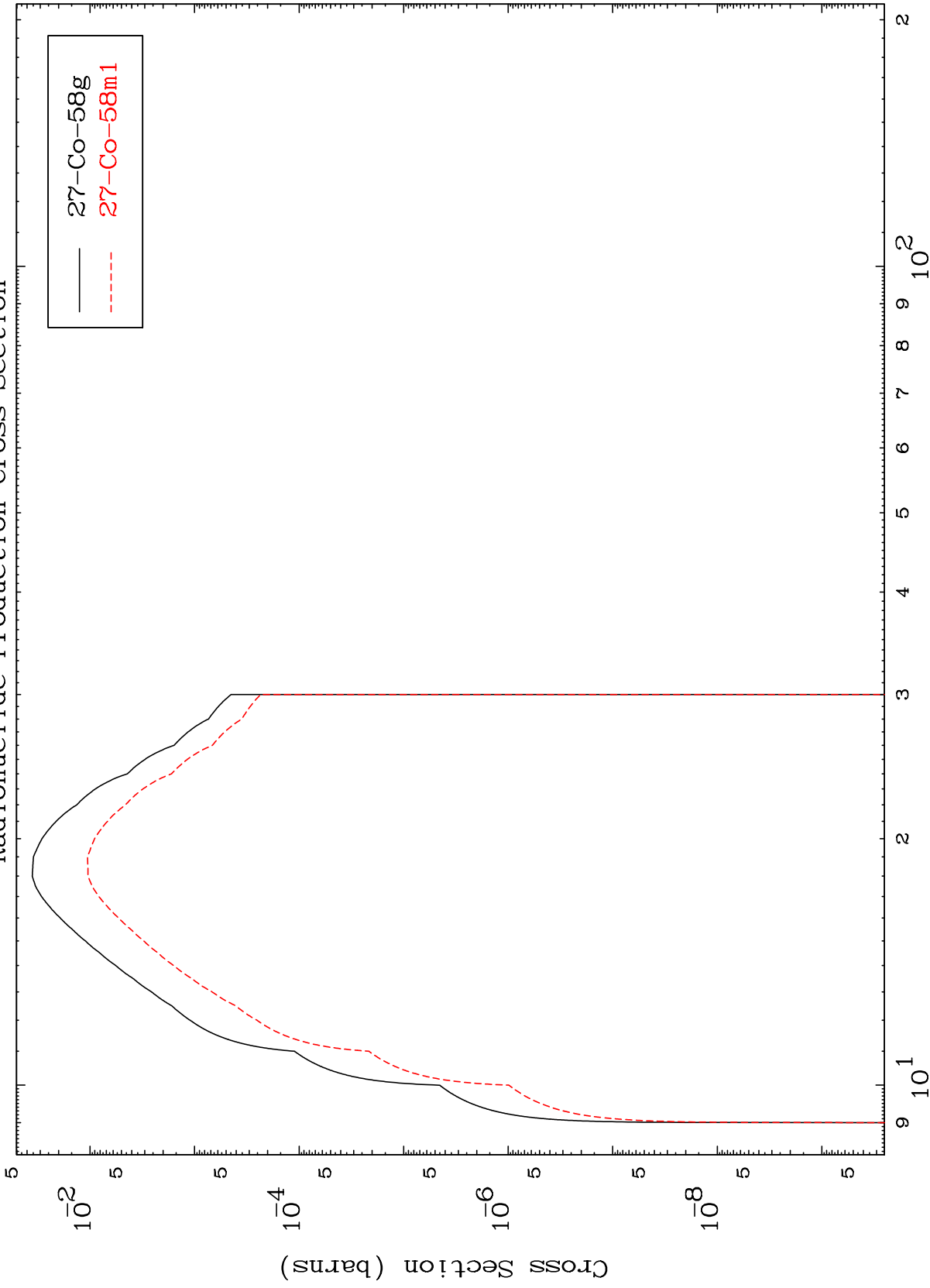
Incident Energy (MeV)

28-Ni-59

MAT 2828

28-Ni-59

(n,p)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

28-Ni-59