

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

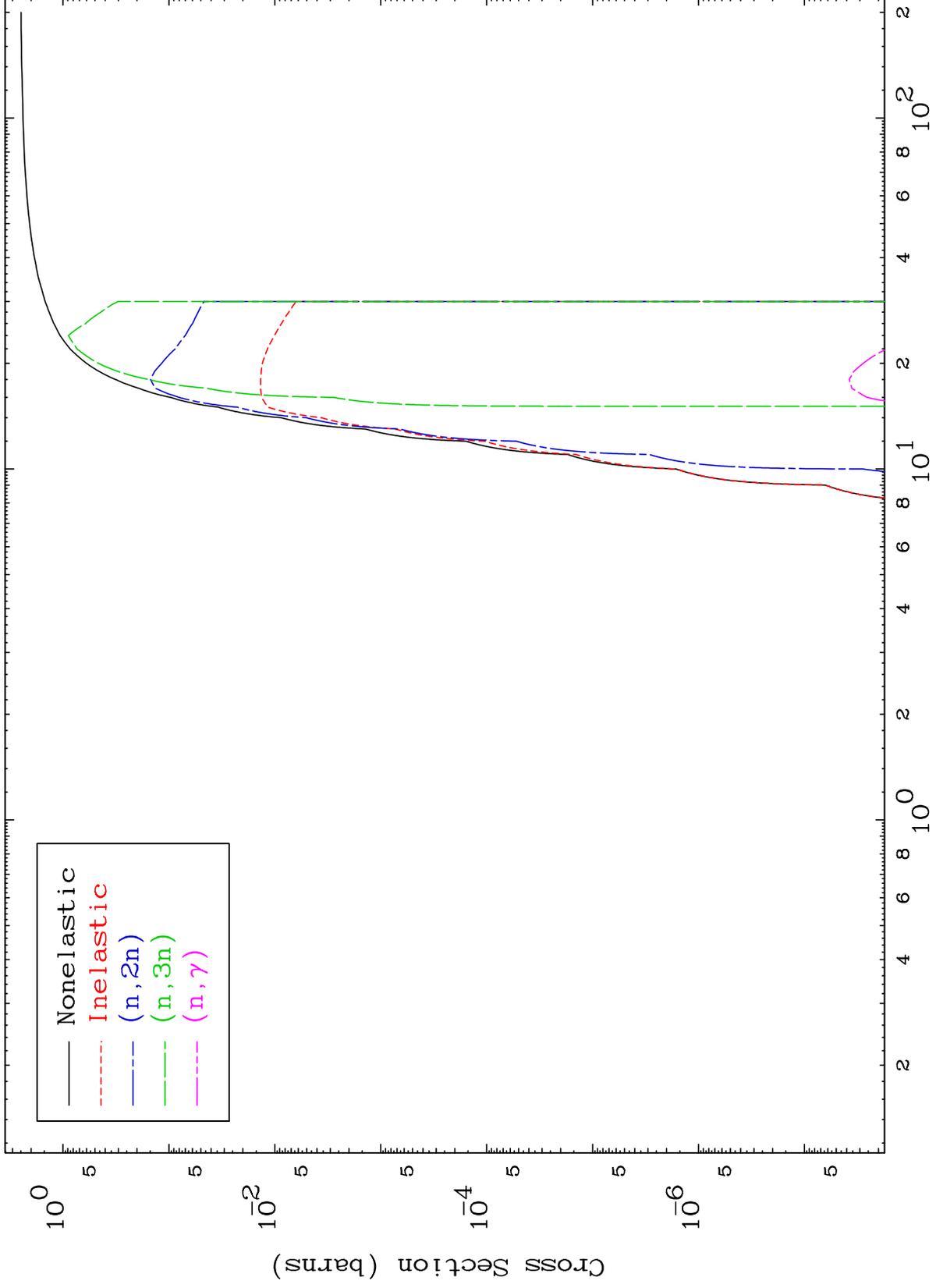
Press Mouse Button to Start

MAT 6064

$\alpha$  Major

60-Nd-155

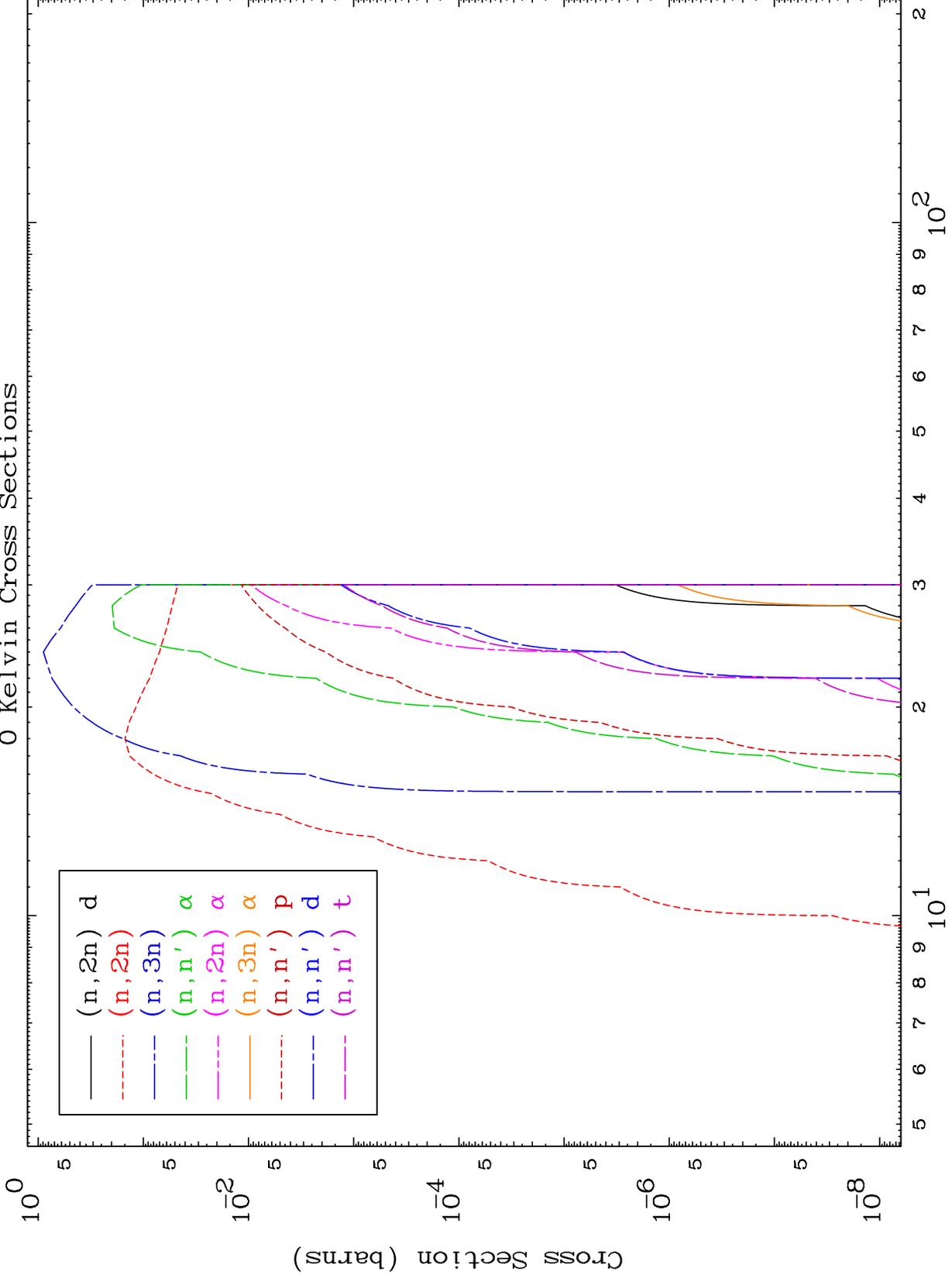
0 Kelvin Cross Sections



MAT 6064

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-155



2

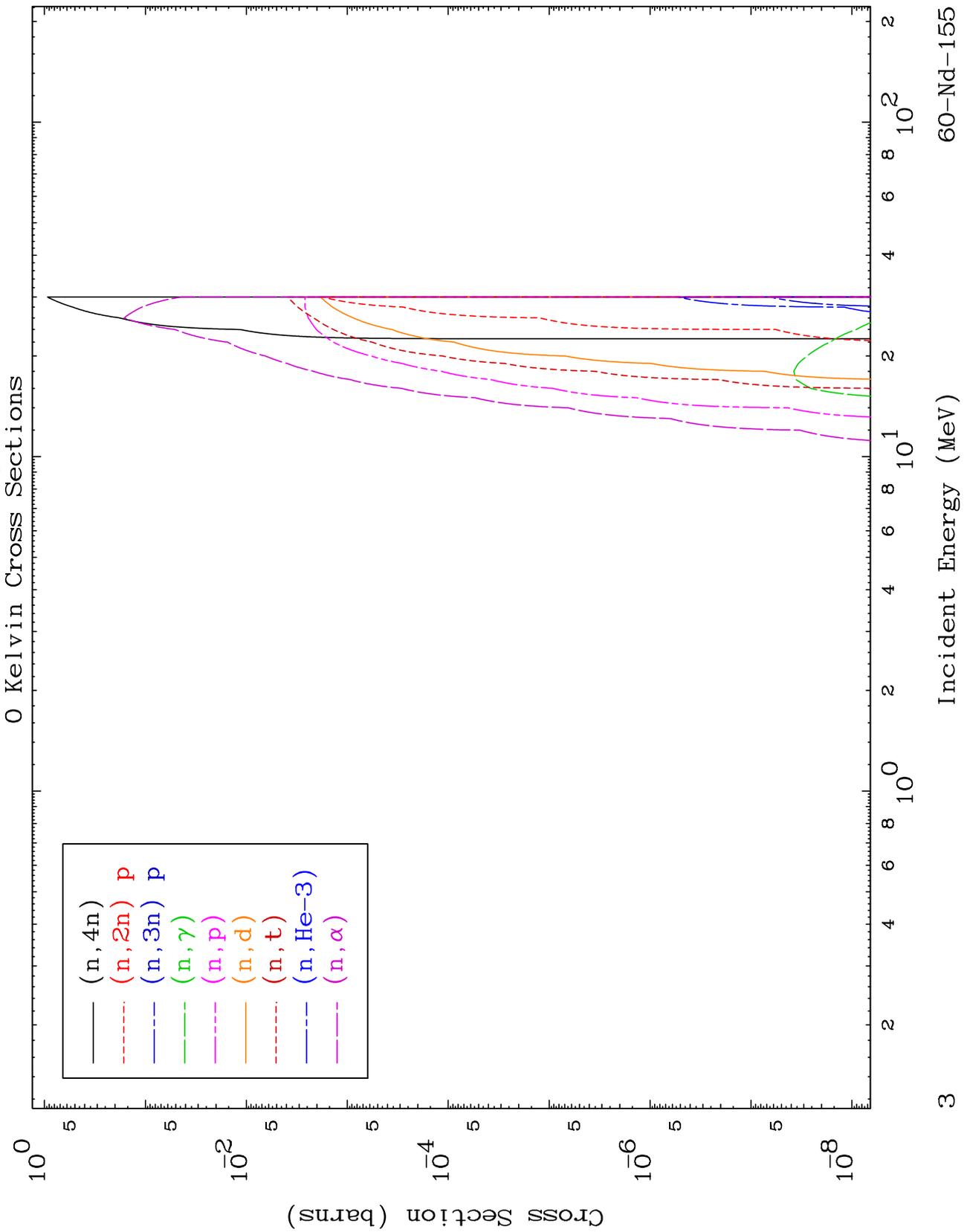
Incident Energy (MeV)

60-Nd-155

MAT 6064

$\alpha$  Neutron Absorption

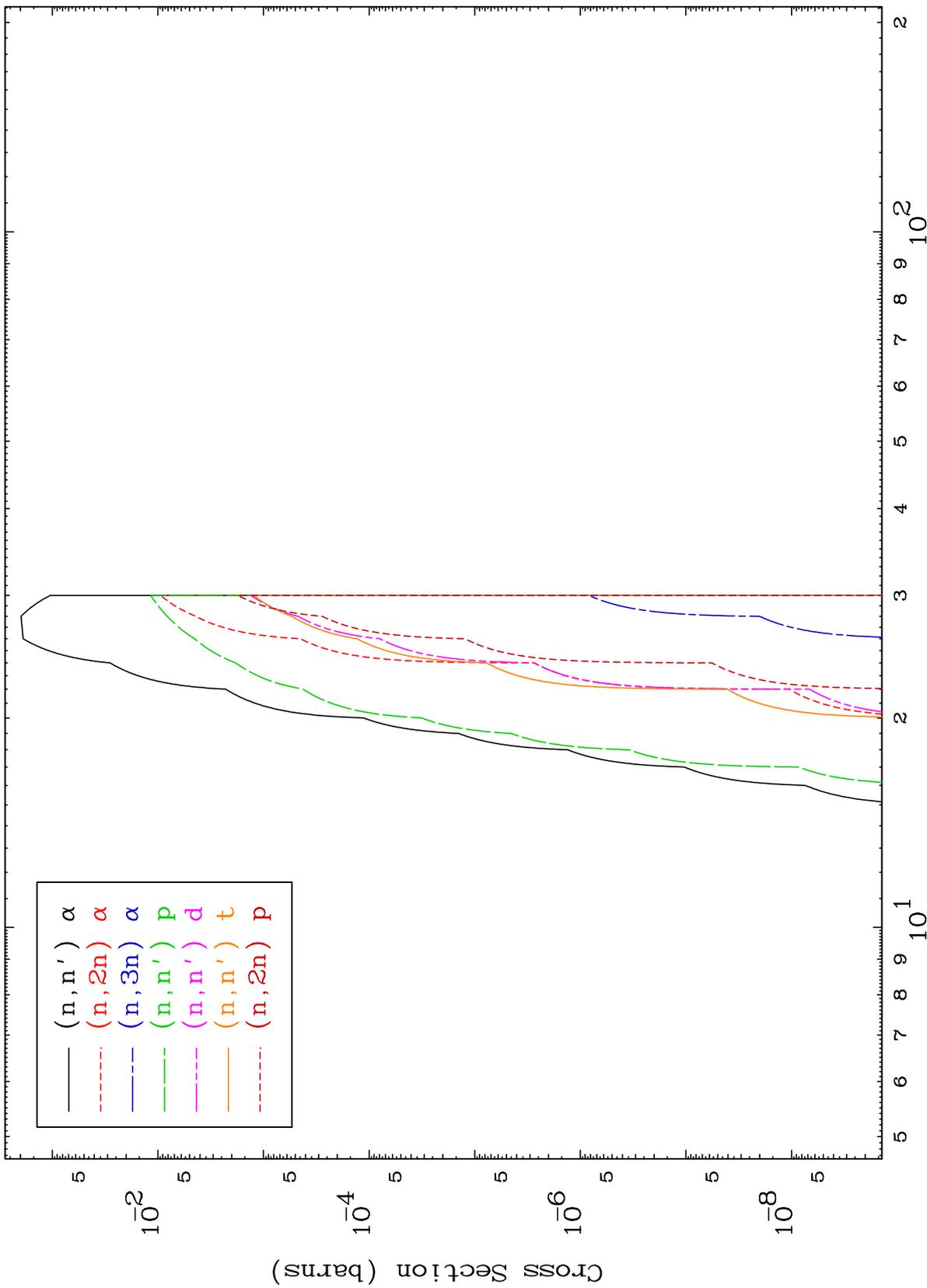
60-Nd-155



MAT 6064

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

60-Nd-155



4

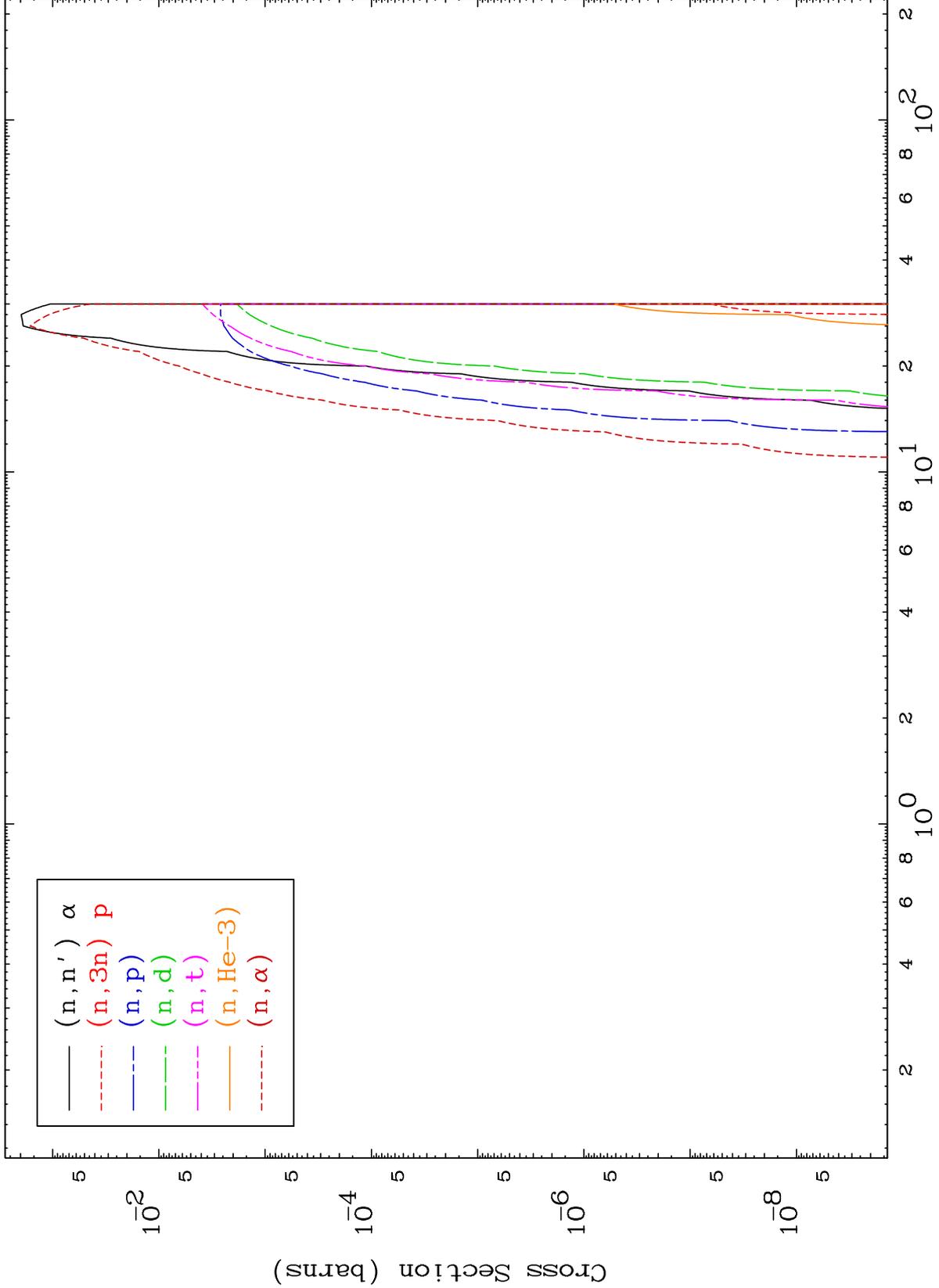
Incident Energy (MeV)

60-Nd-155

MAT 6064

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

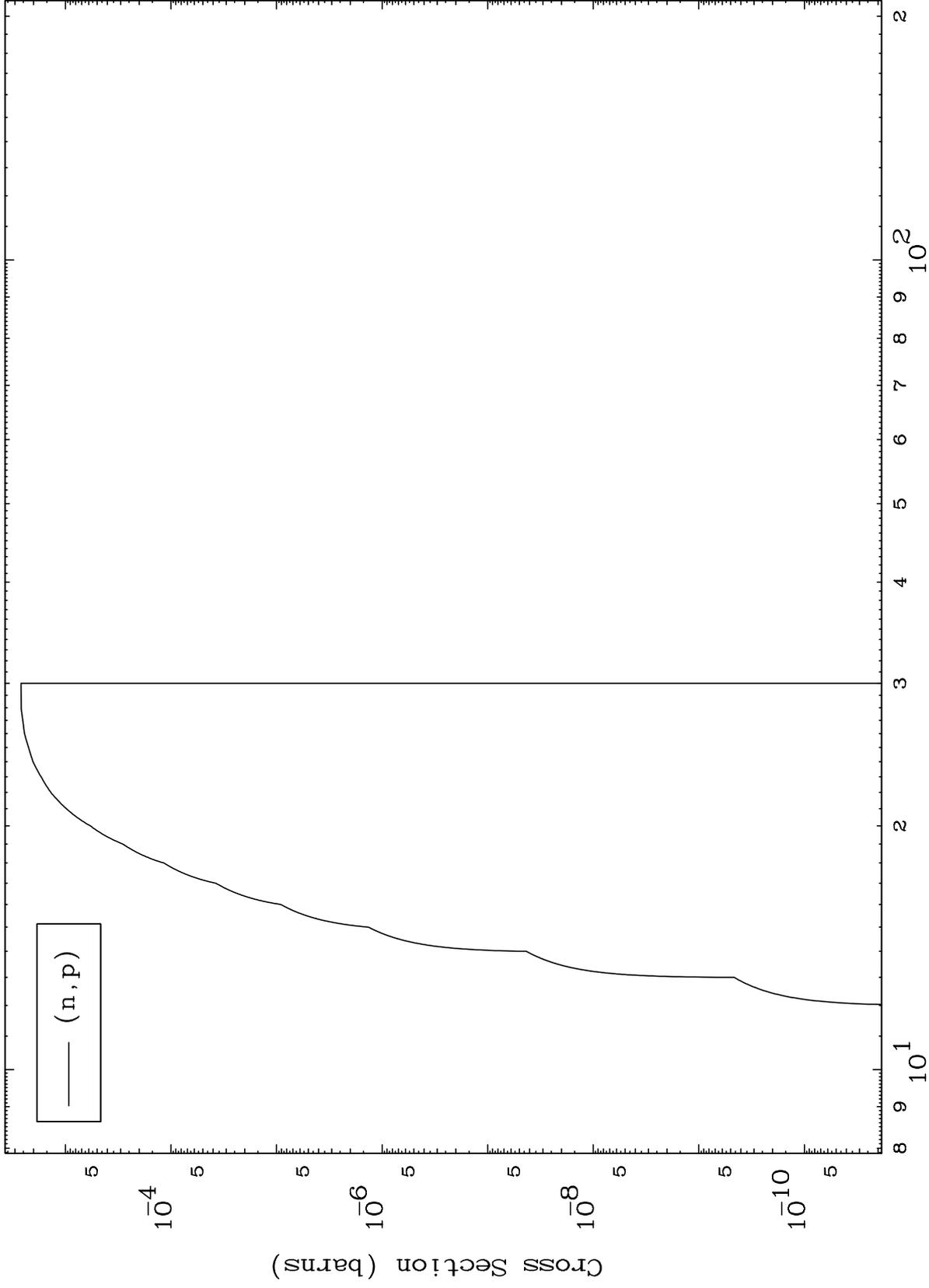
60-Nd-155



MAT 6064

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

60-Nd-155



Incident Energy (MeV)

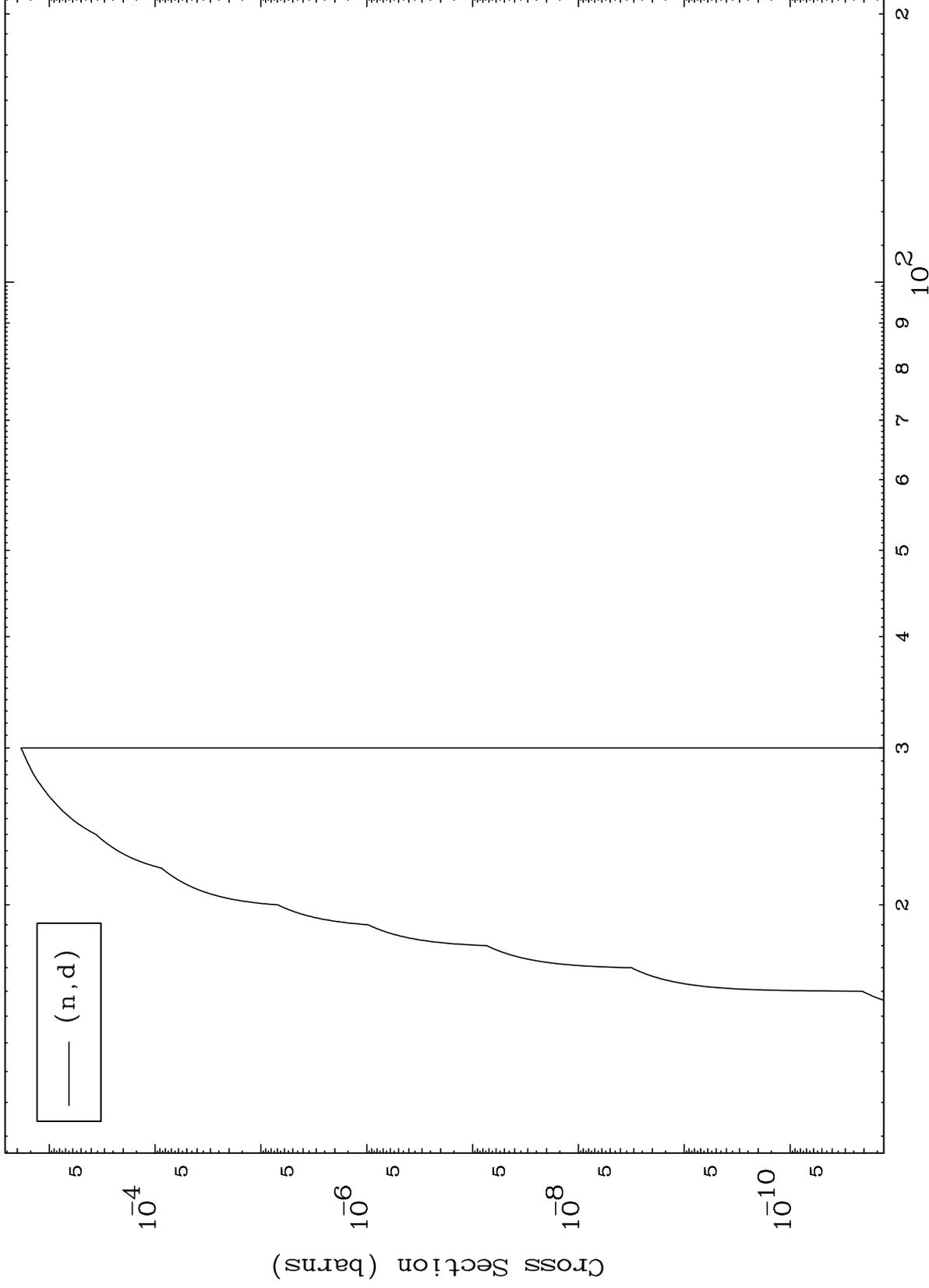
60-Nd-155

6

MAT 6064

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

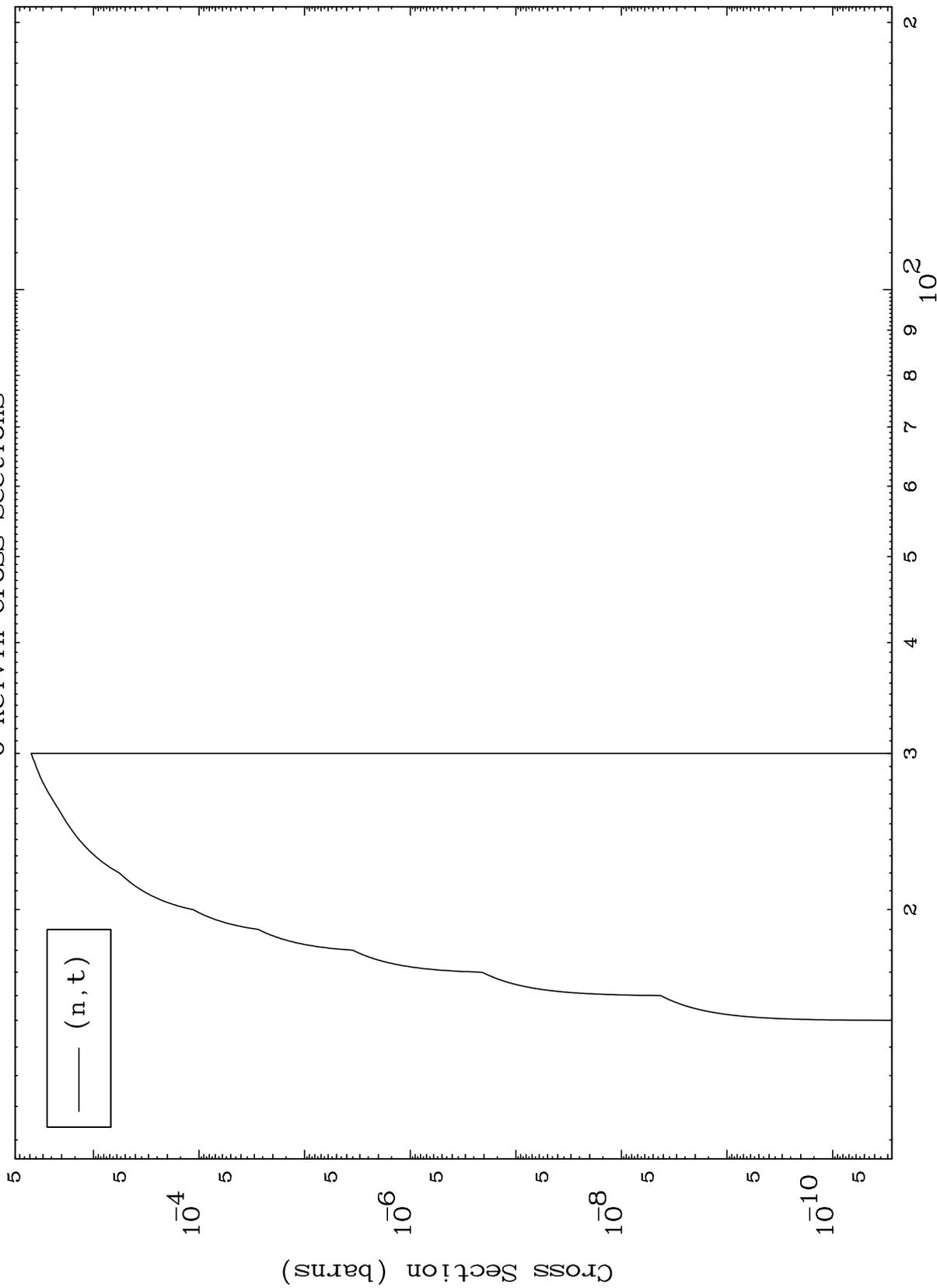
60-Nd-155



MAT 6064

60-Nd-155

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

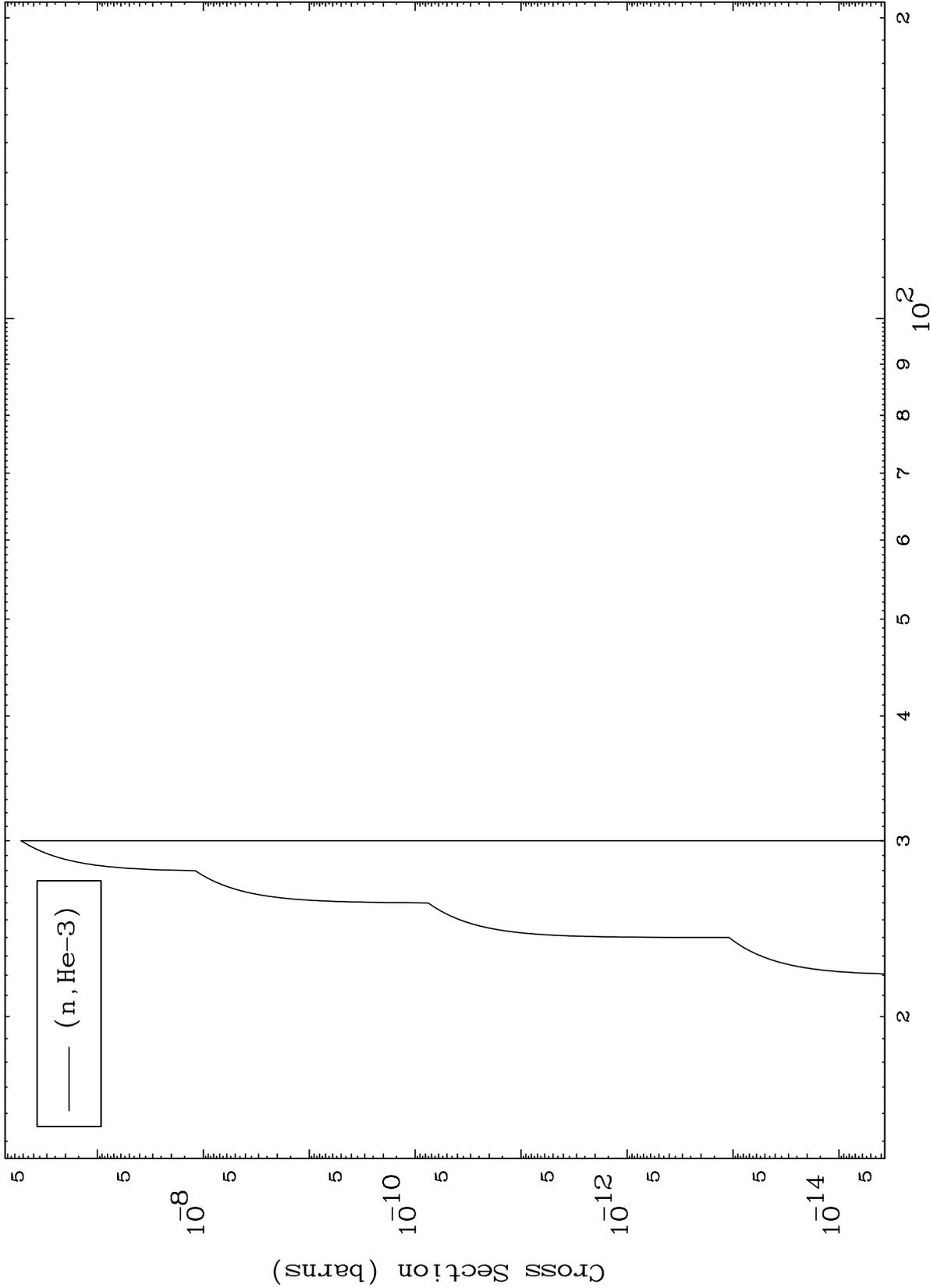


60-Nd-155

Incident Energy (MeV)

8

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

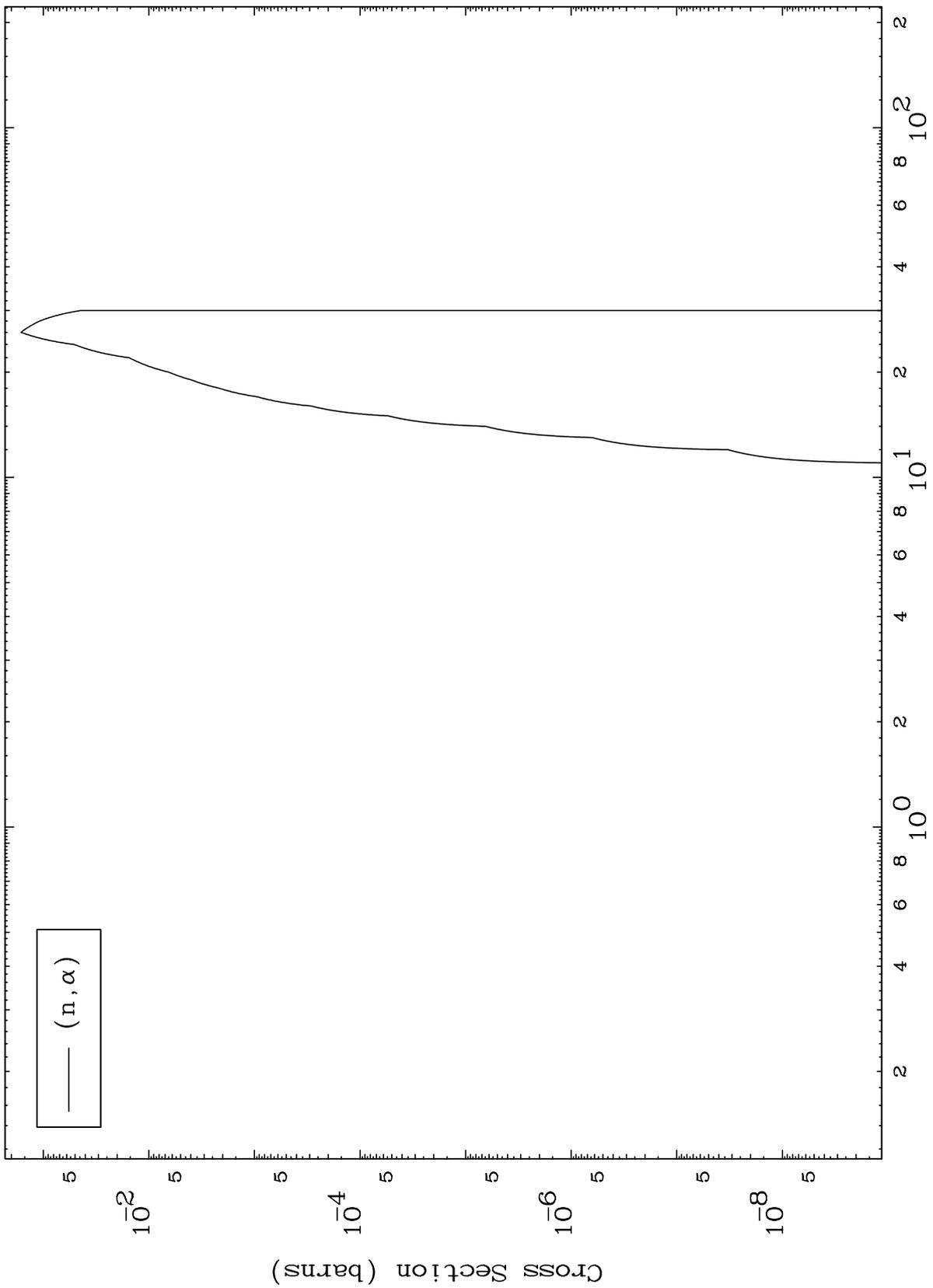


MAT 6064

( $\alpha, \alpha$ ) Levels

60-Nd-155

0 Kelvin Cross Sections



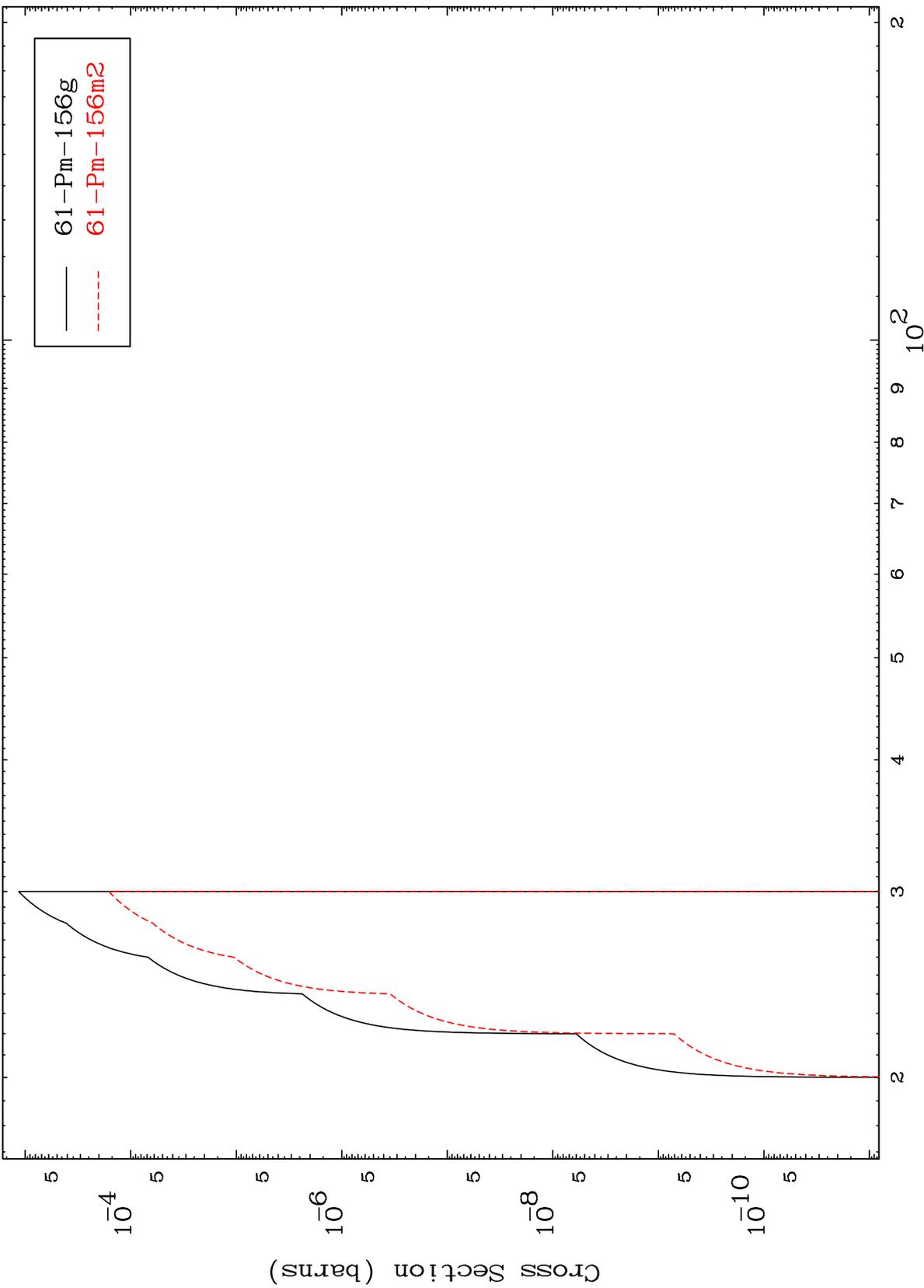
(n,  $\alpha$ )

10

Incident Energy (MeV)

60-Nd-155

Radionuclide Production Cross Section

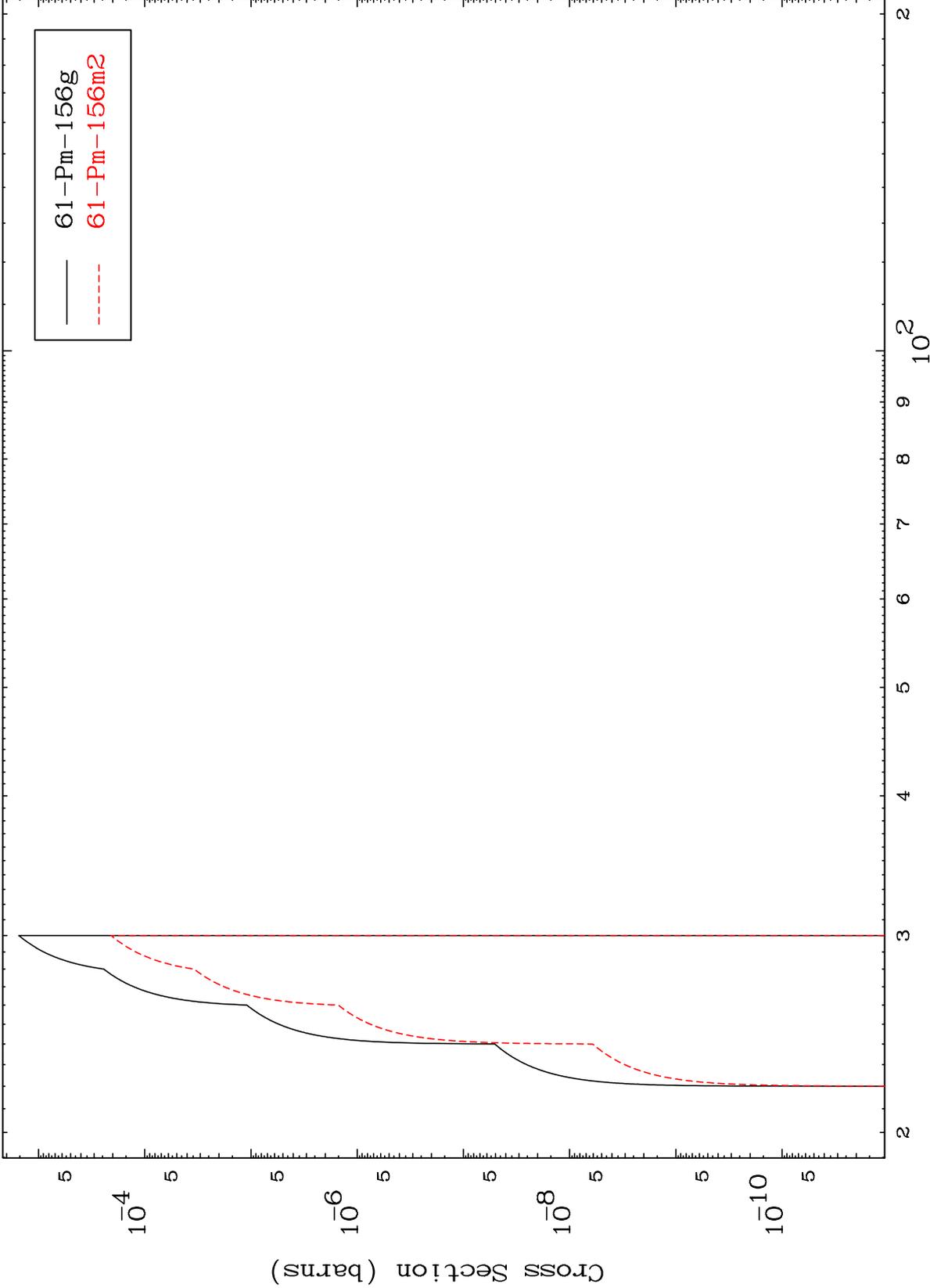


MAT 6064

(n,2n) p

60-Nd-155

Radionuclide Production Cross Section



12

Incident Energy (MeV)

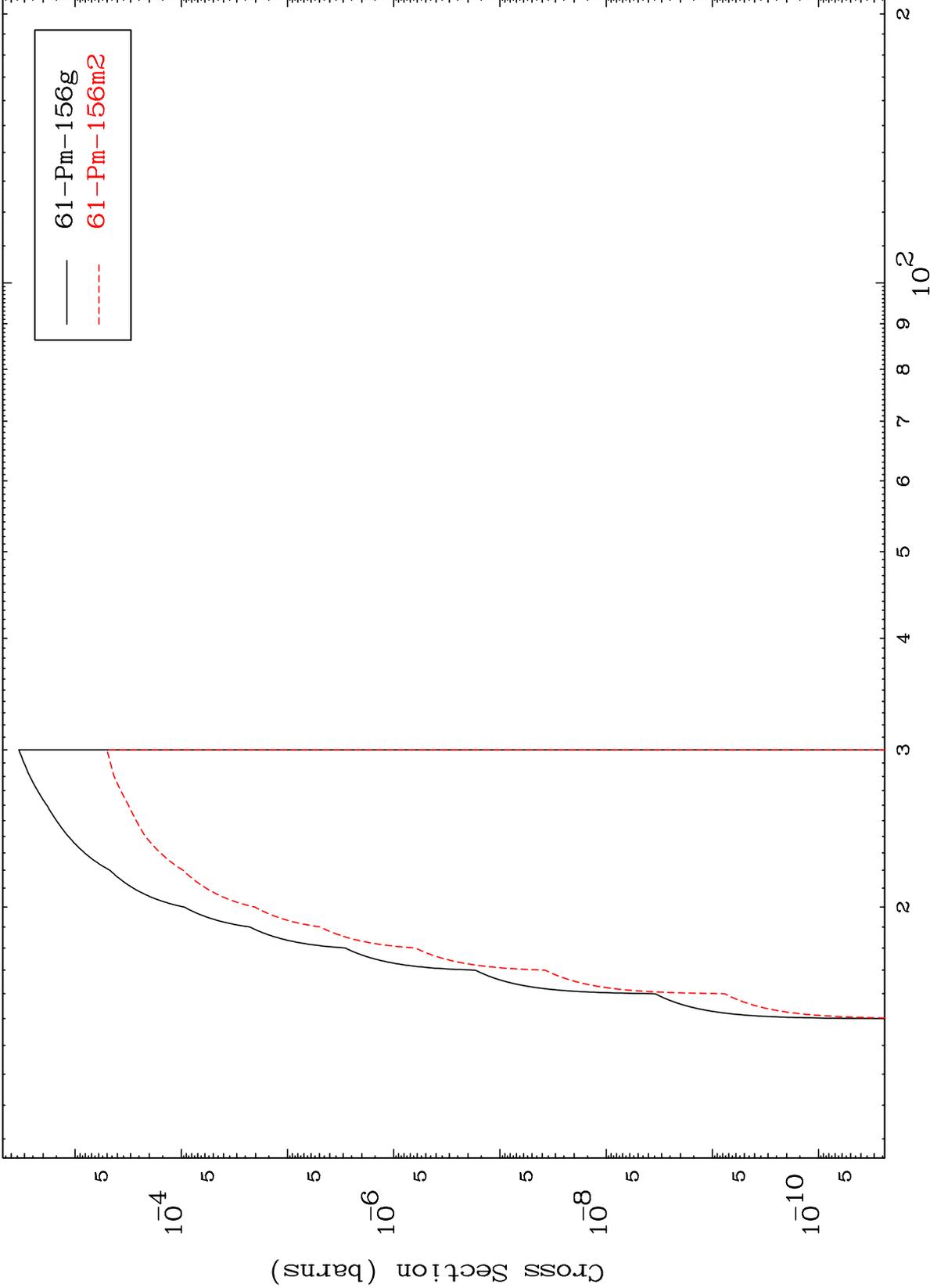
60-Nd-155

MAT 6064

(n, t)

60-Nd-155

Radionuclide Production Cross Section



13

Incident Energy (MeV)

60-Nd-155