

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

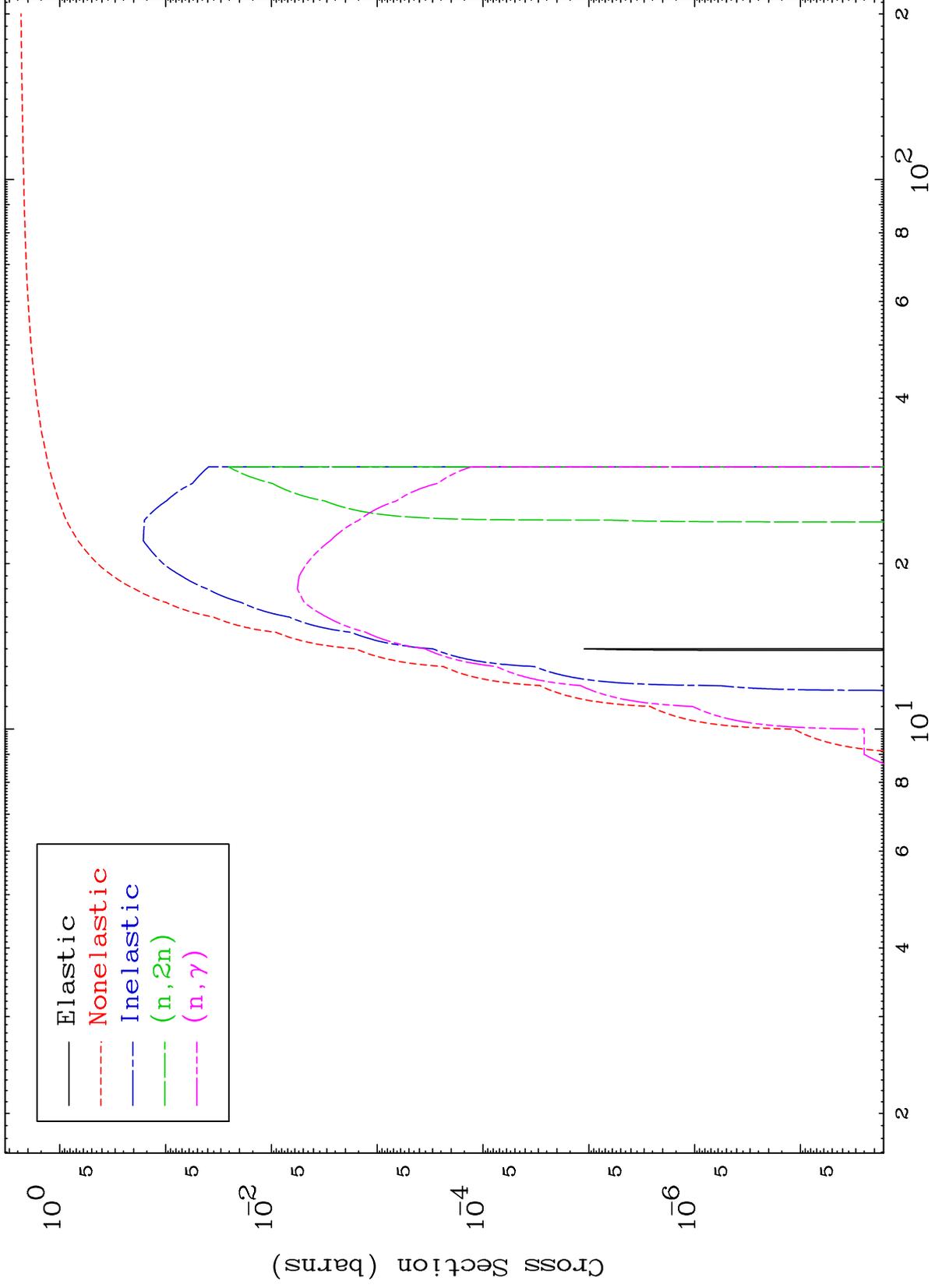
Press Mouse Button to Start

MAT 6116

0 Kelvin Cross Sections

$\alpha$  Major

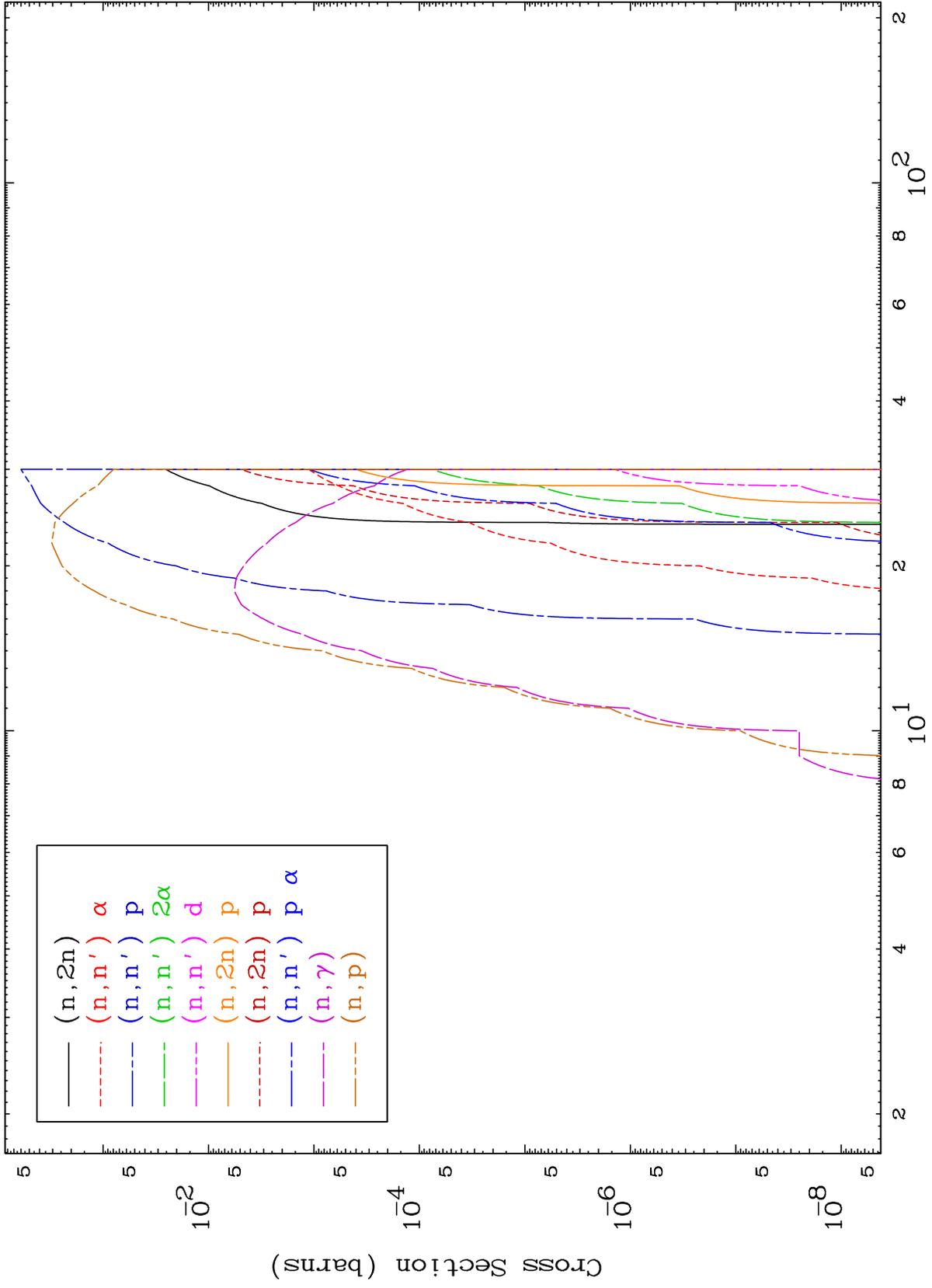
61-Pm-136



1

Incident Energy (MeV)

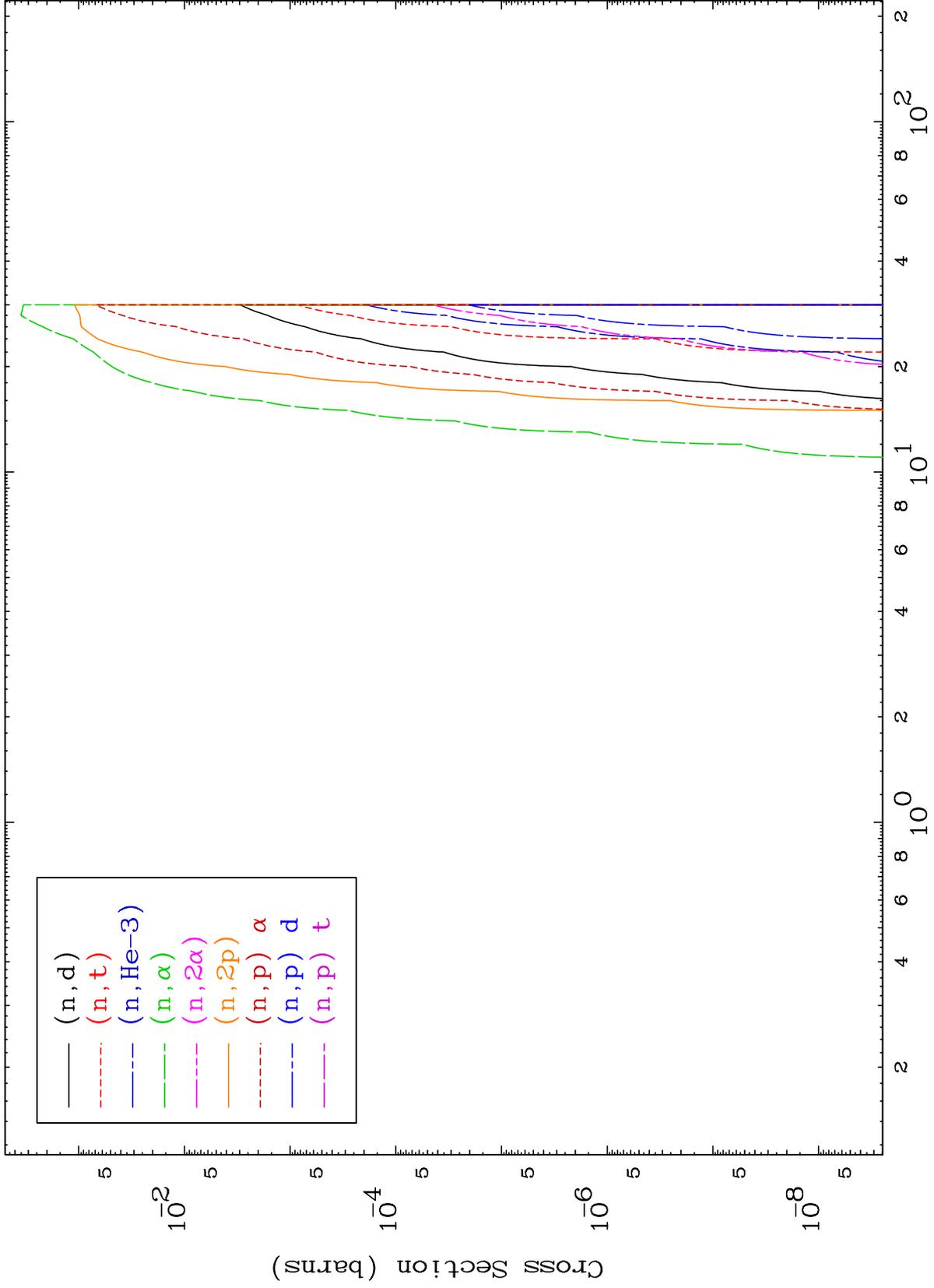
61-Pm-136

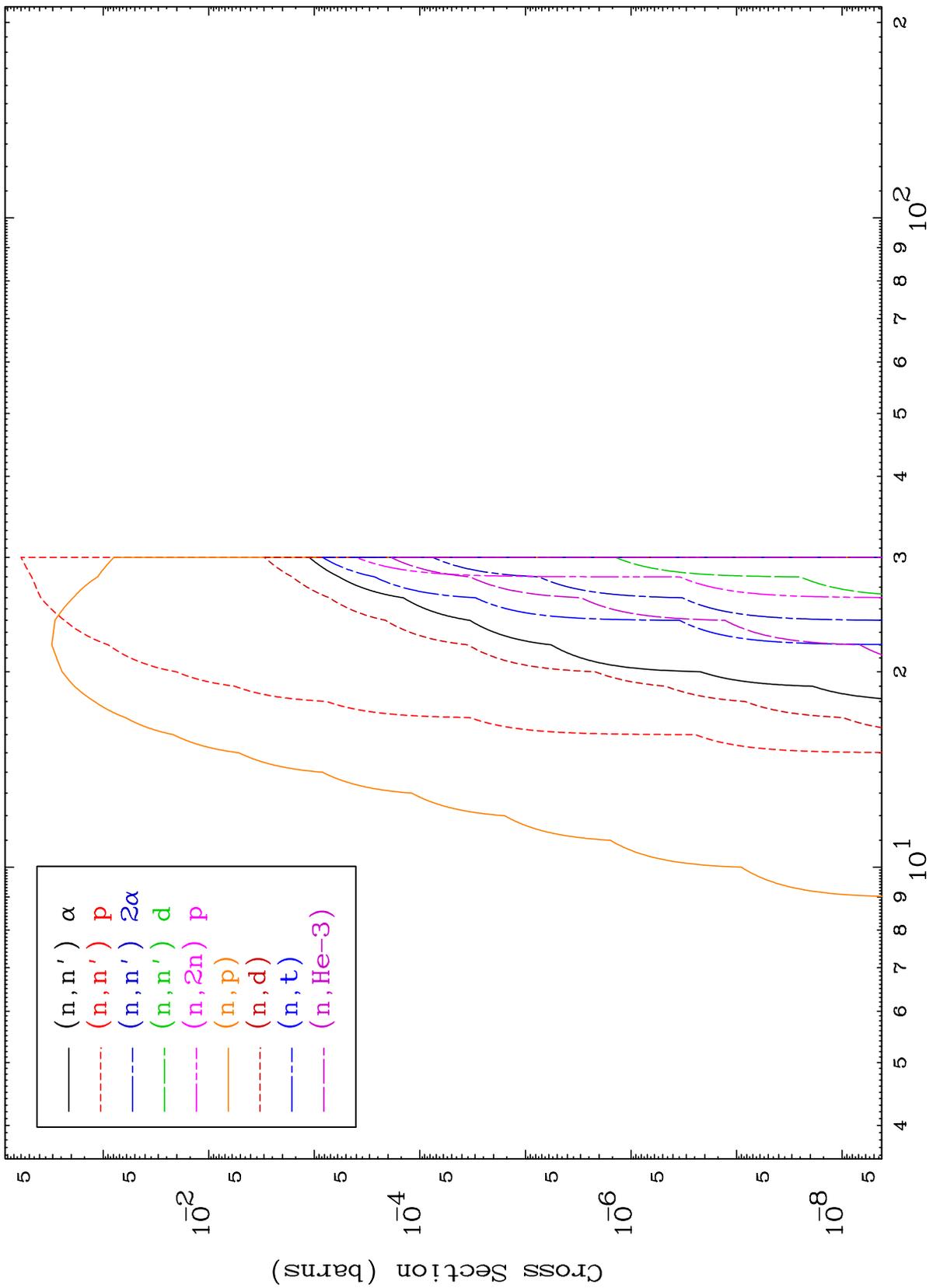


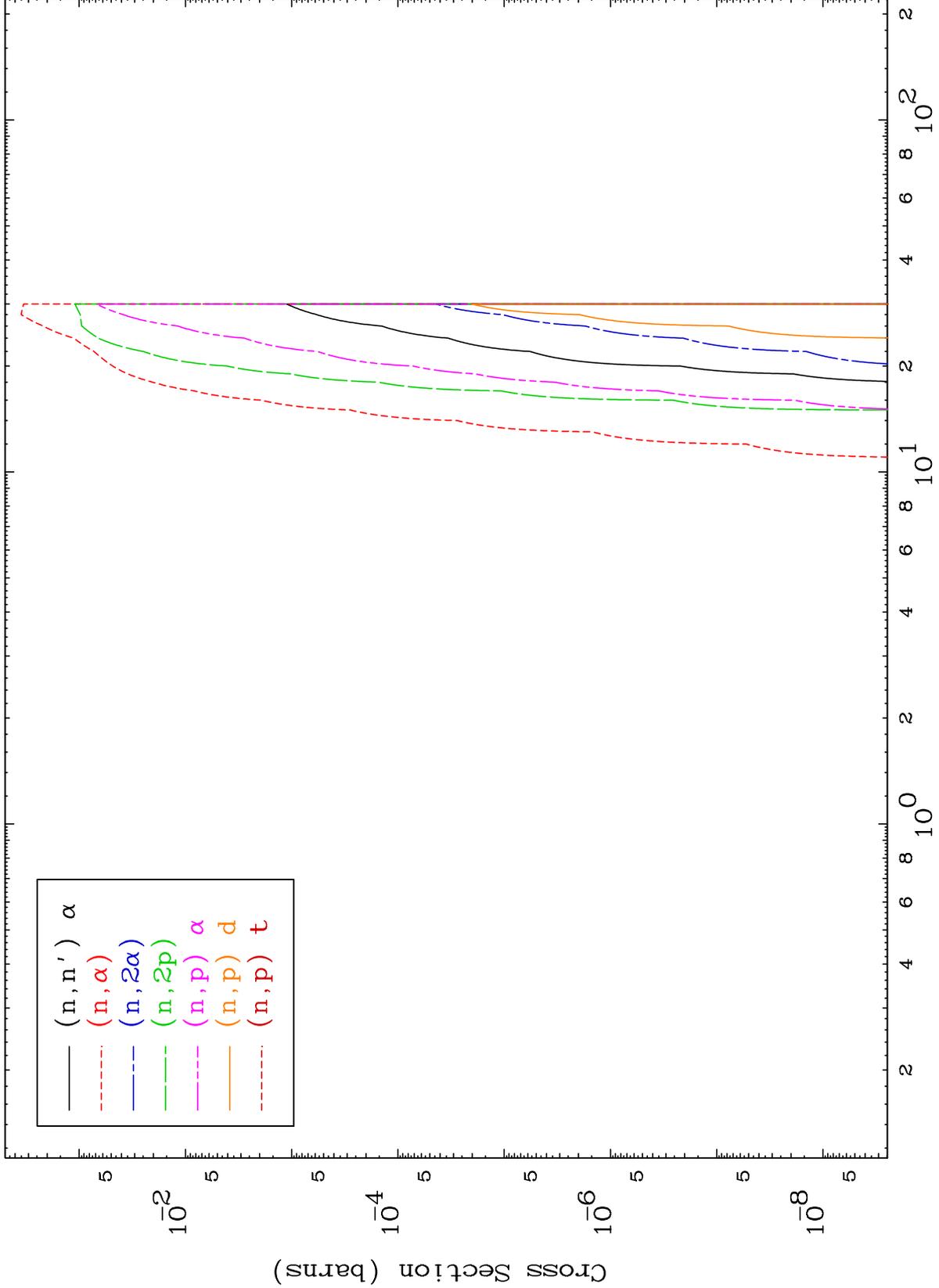
MAT 61116

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-136



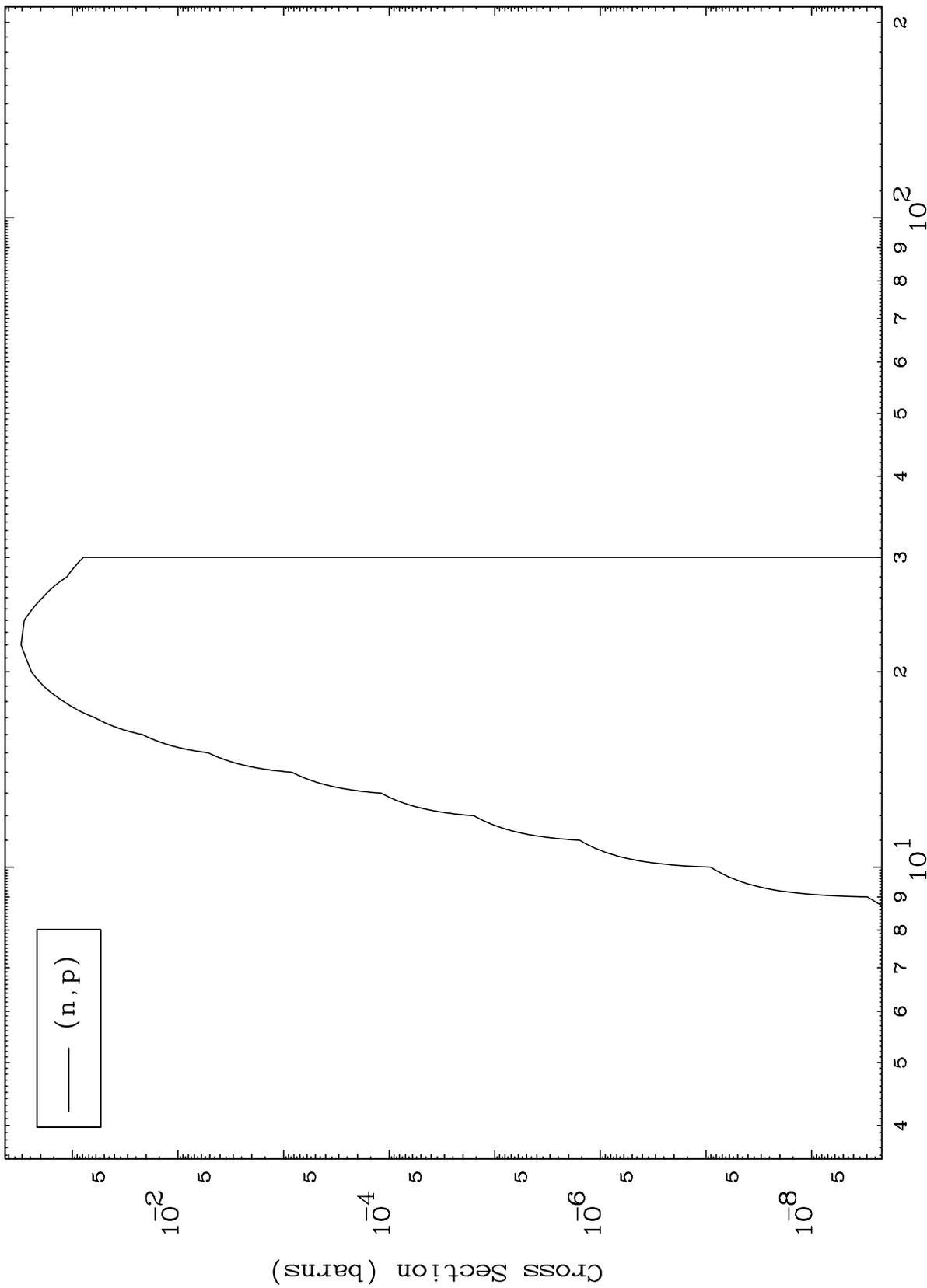




MAT 6116

61-Pm-136

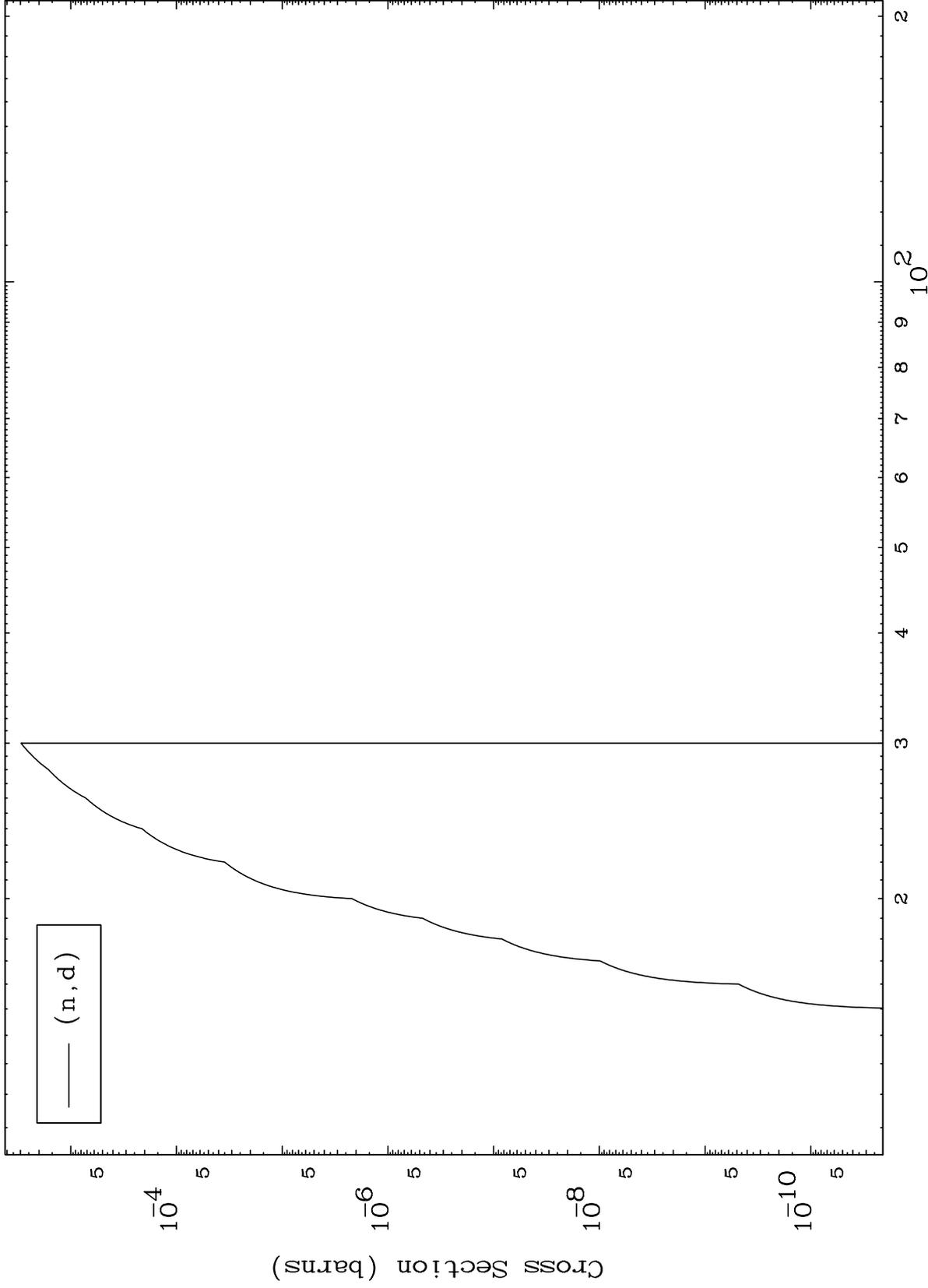
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



61-Pm-136

Incident Energy (MeV)

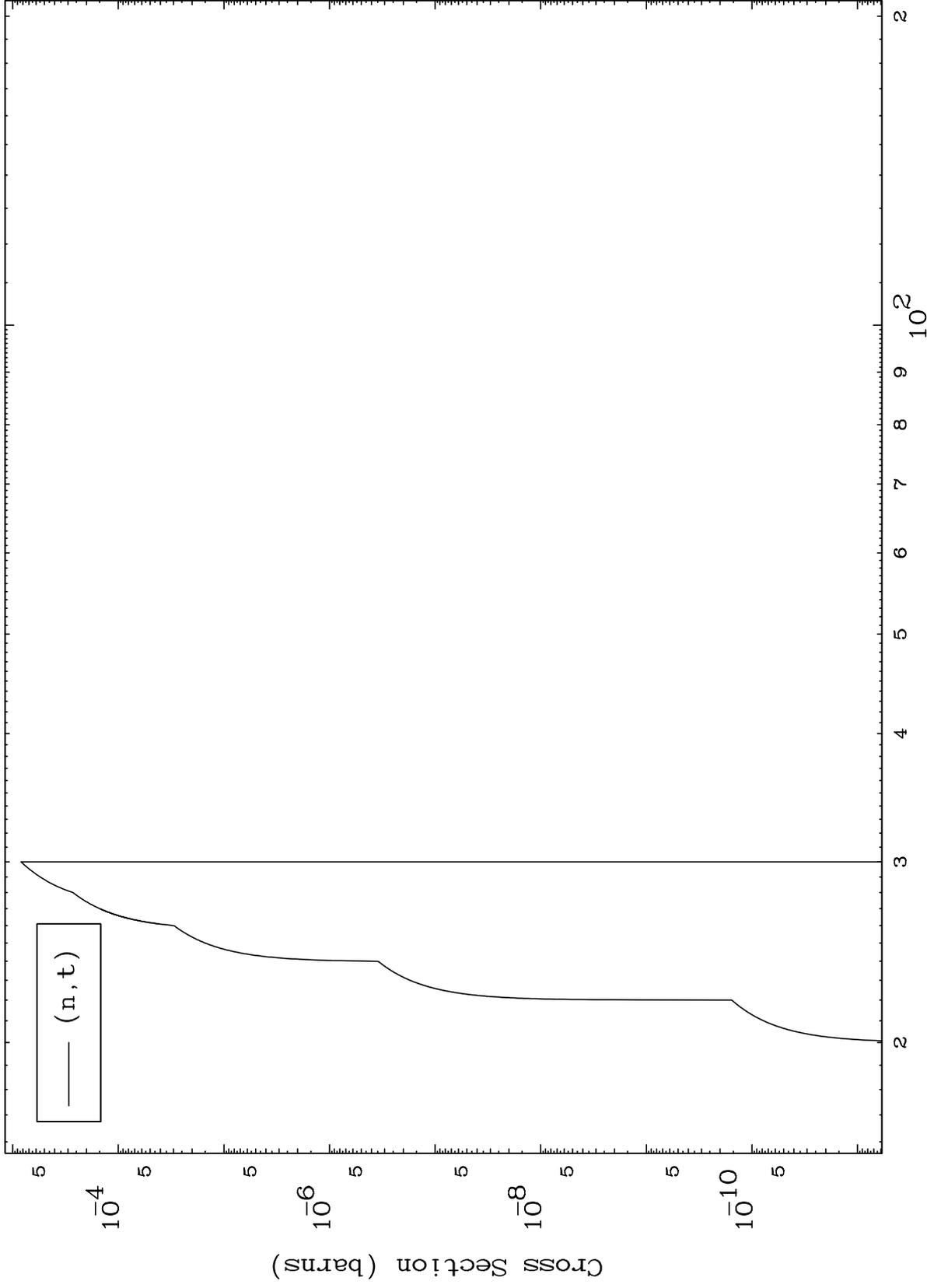
6



MAT 61116

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

61-Pm-136



8

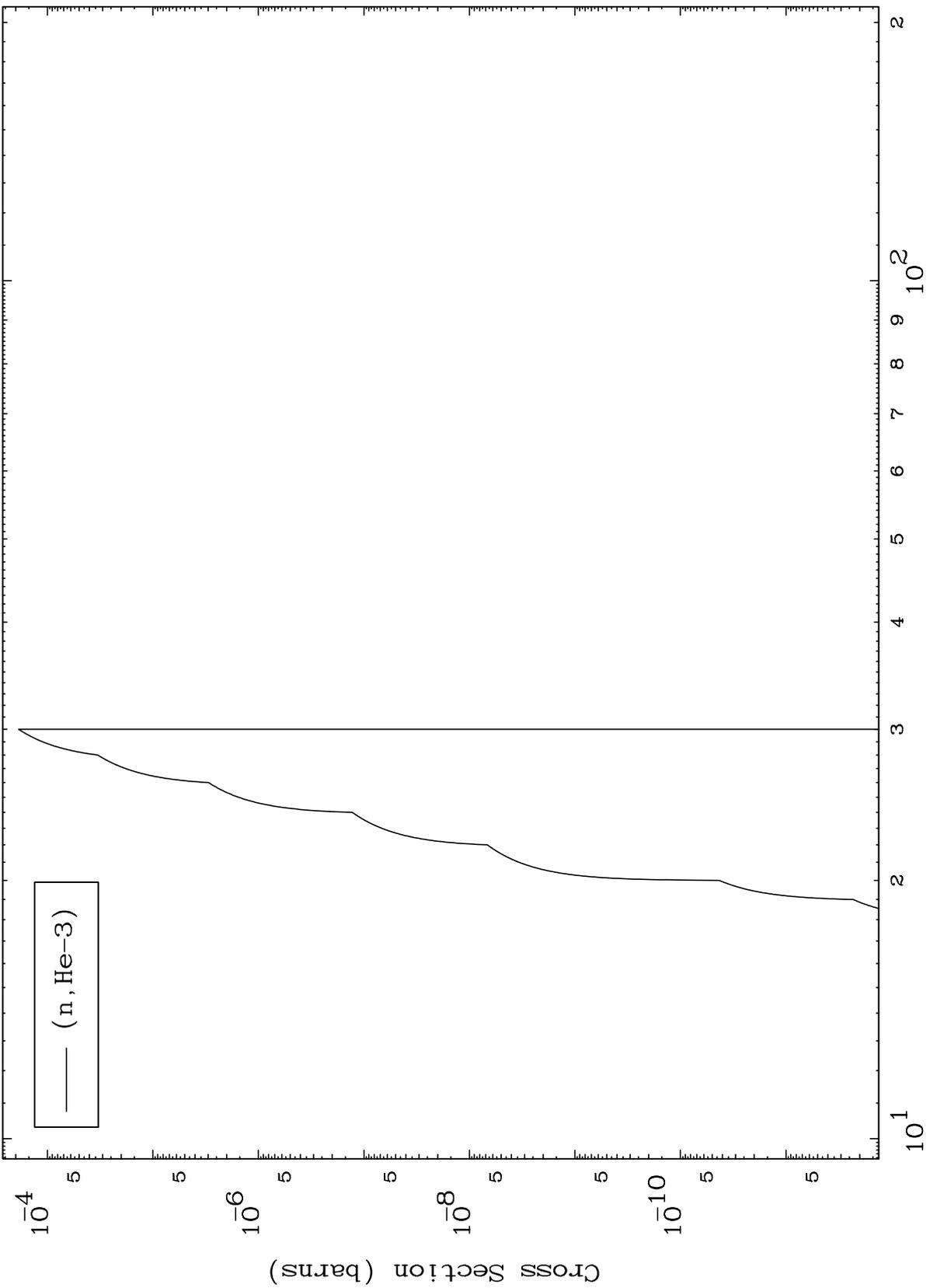
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

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



61-Pm-136

Incident Energy (MeV)

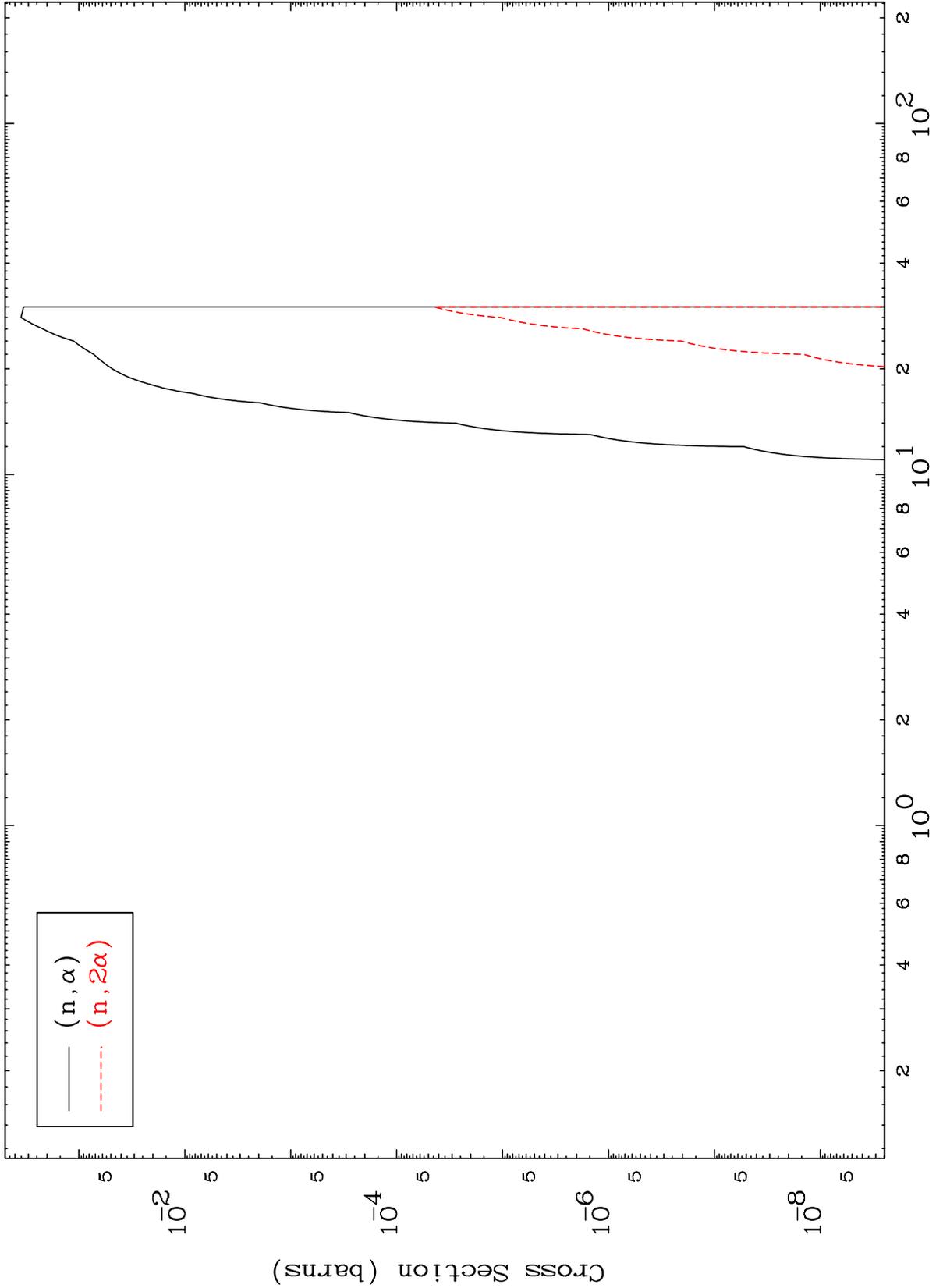
9

MAT 61116

( $\alpha, \alpha$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

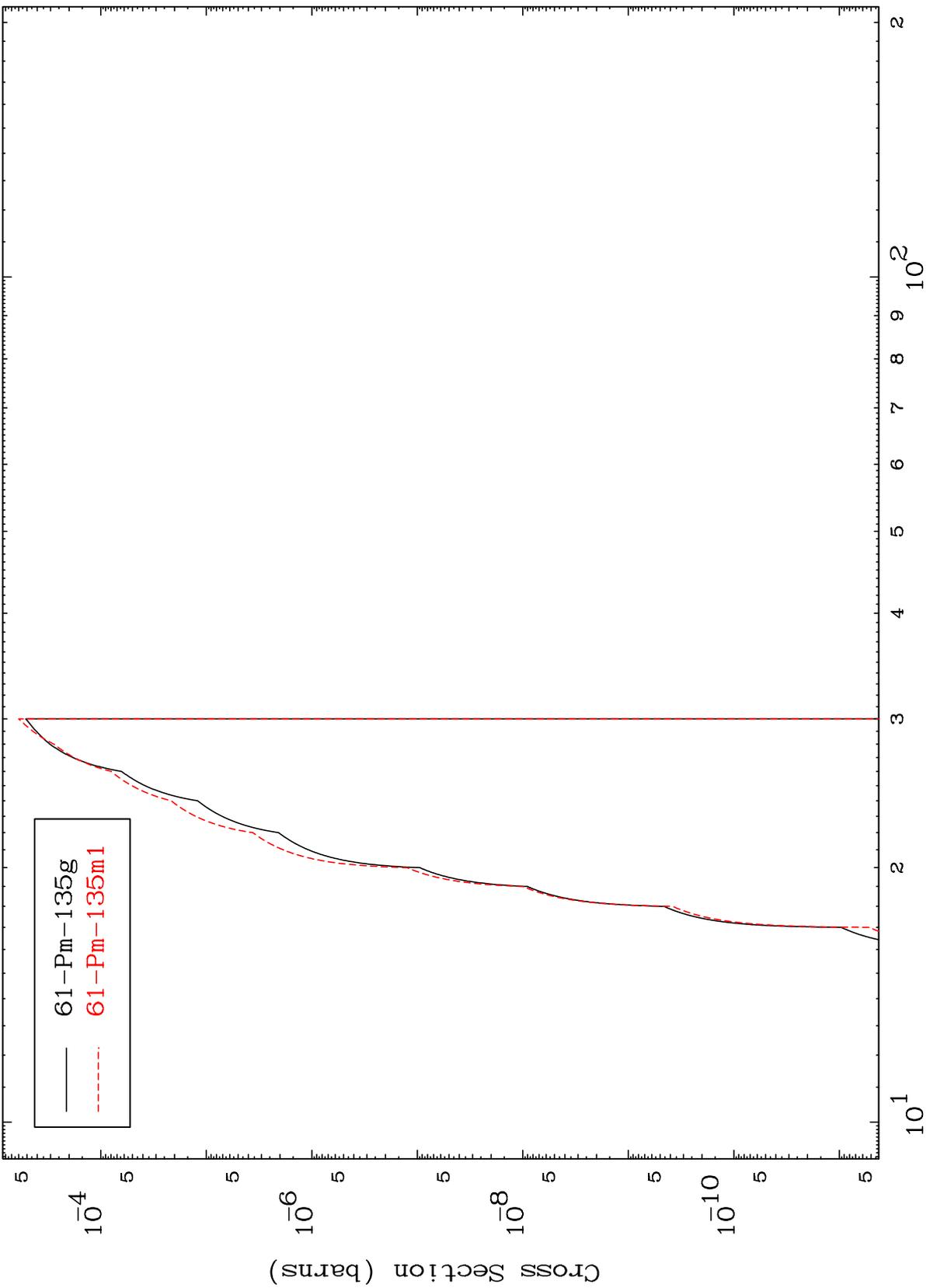
61-Pm-136

MAT 6116

(n,n')  $\alpha$

61-Pm-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

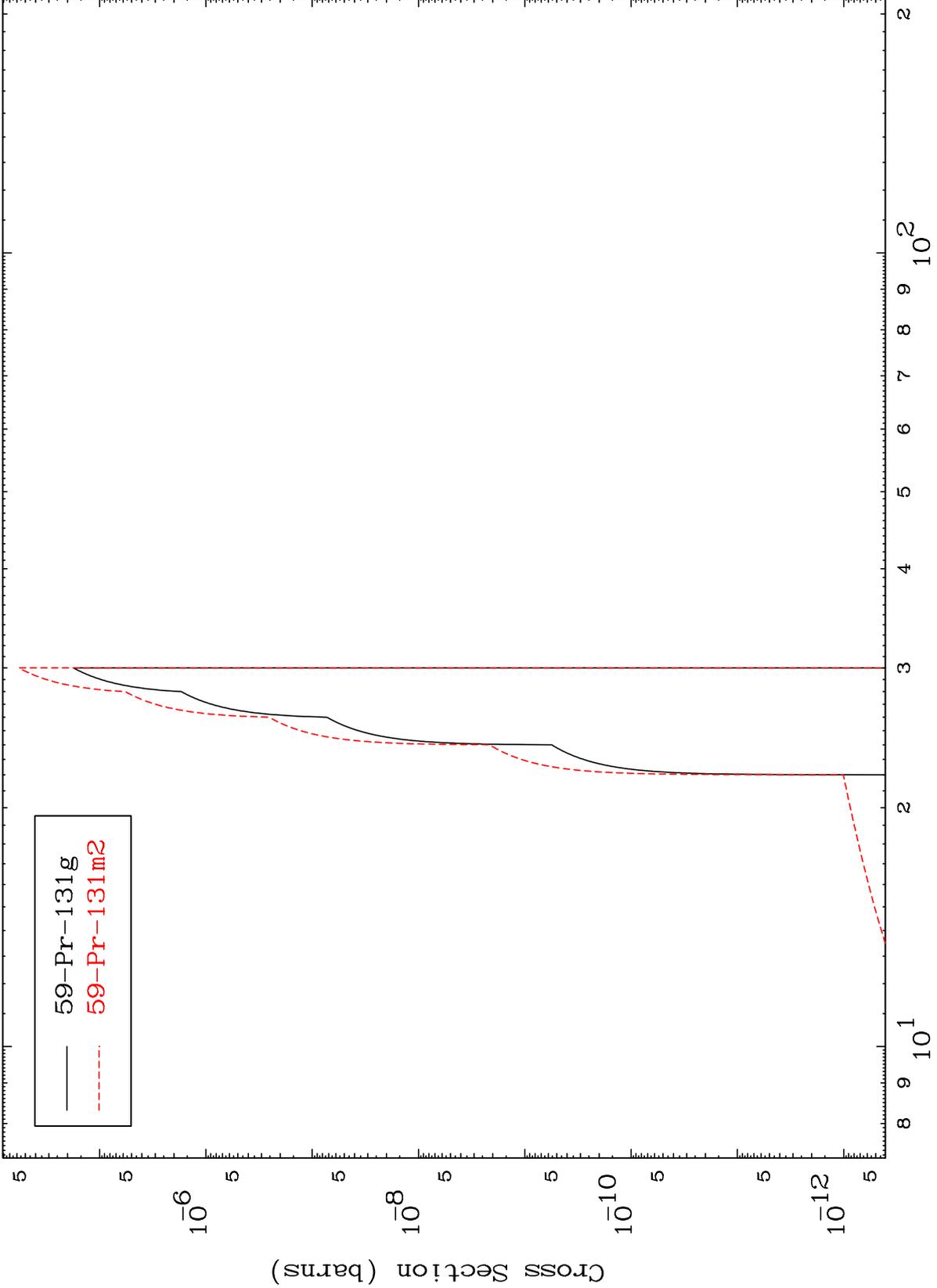
61-Pm-136

MAT 6116

(n,n') 2α

61-Pm-136

Radionuclide Production Cross Section



12

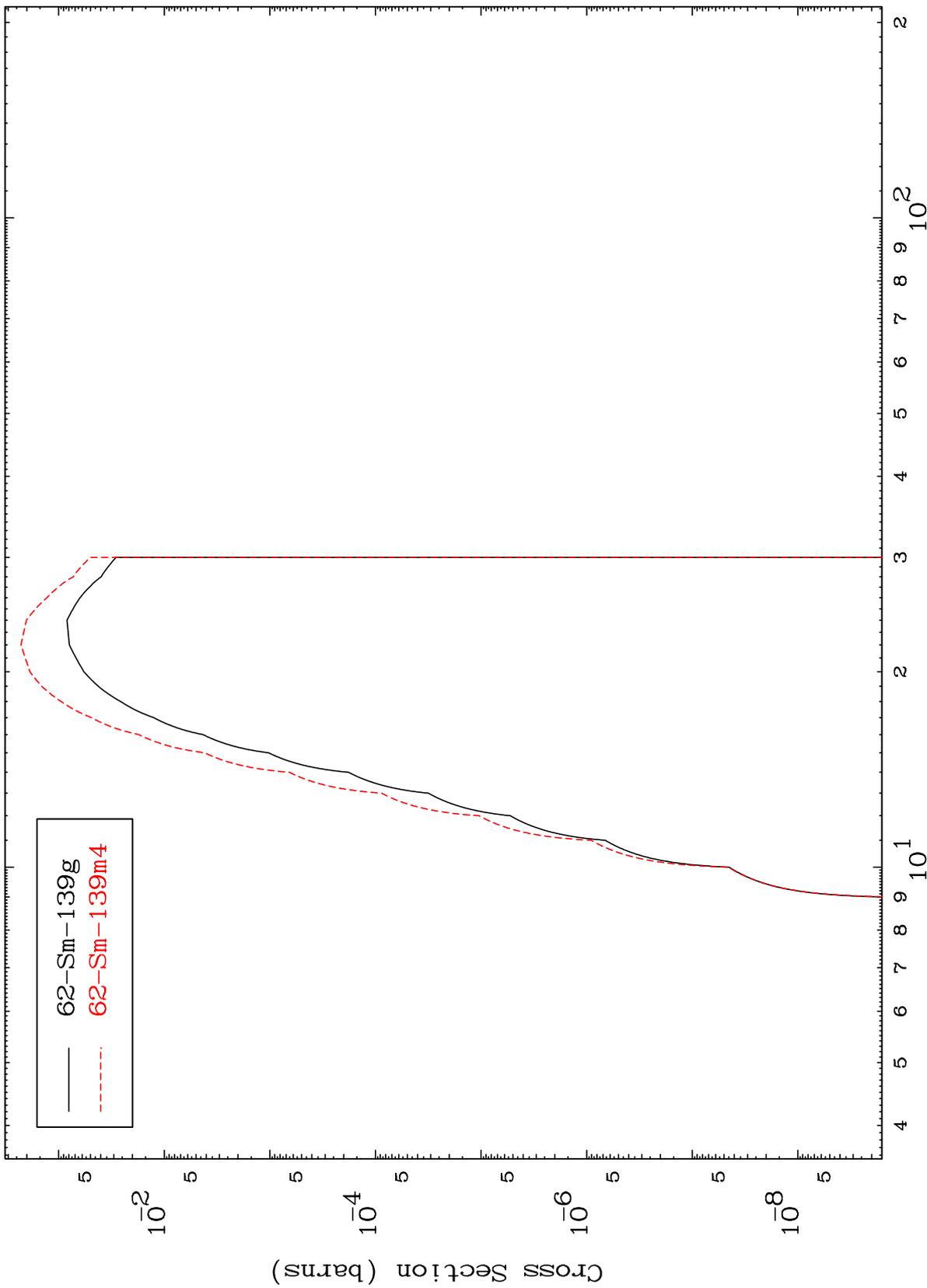
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

(n,p)  
Radionuclide Production Cross Section



61-Pm-136

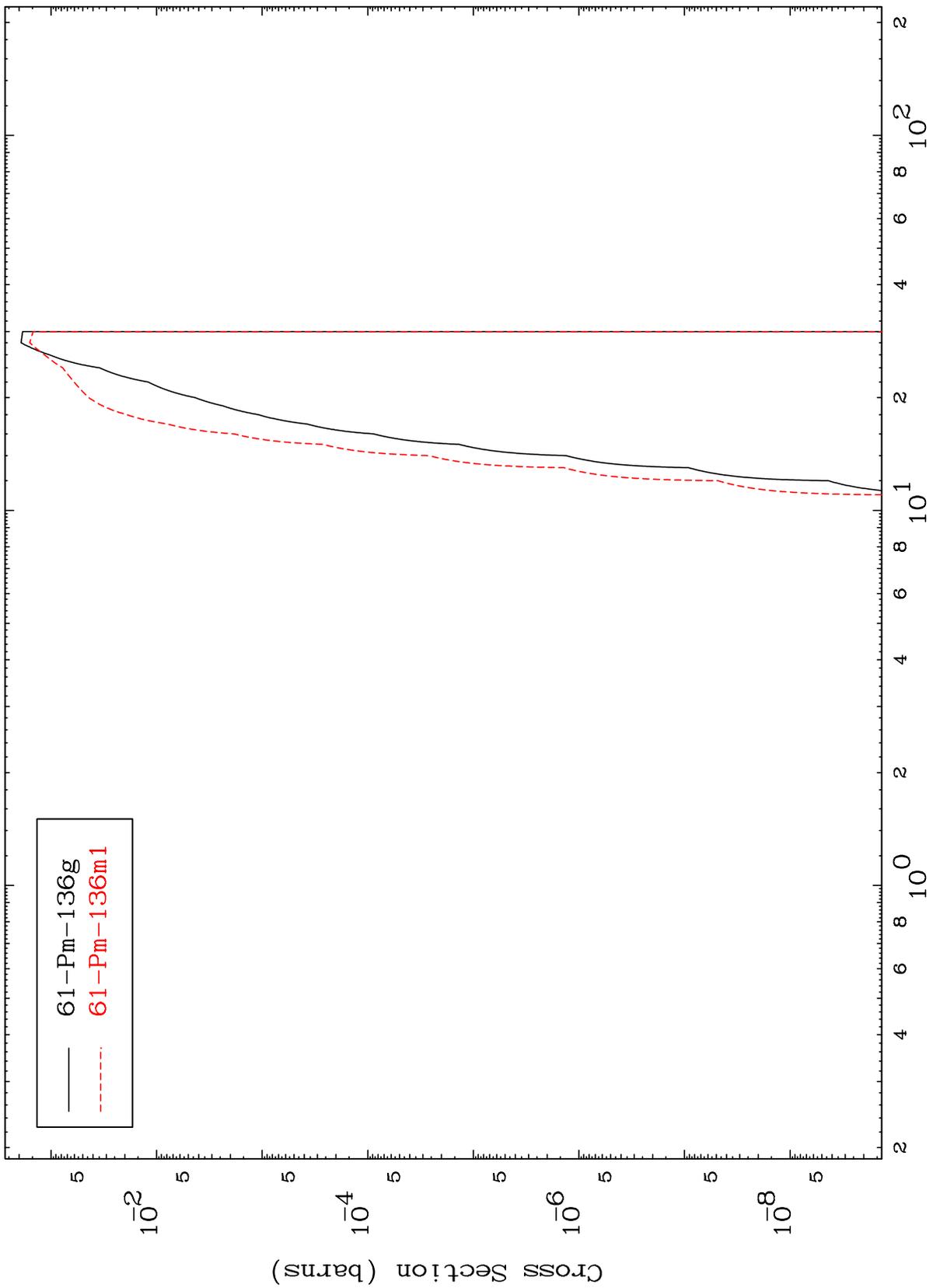
Incident Energy (MeV)

13

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61-Pm-136

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



61-Pm-136

Incident Energy (MeV)

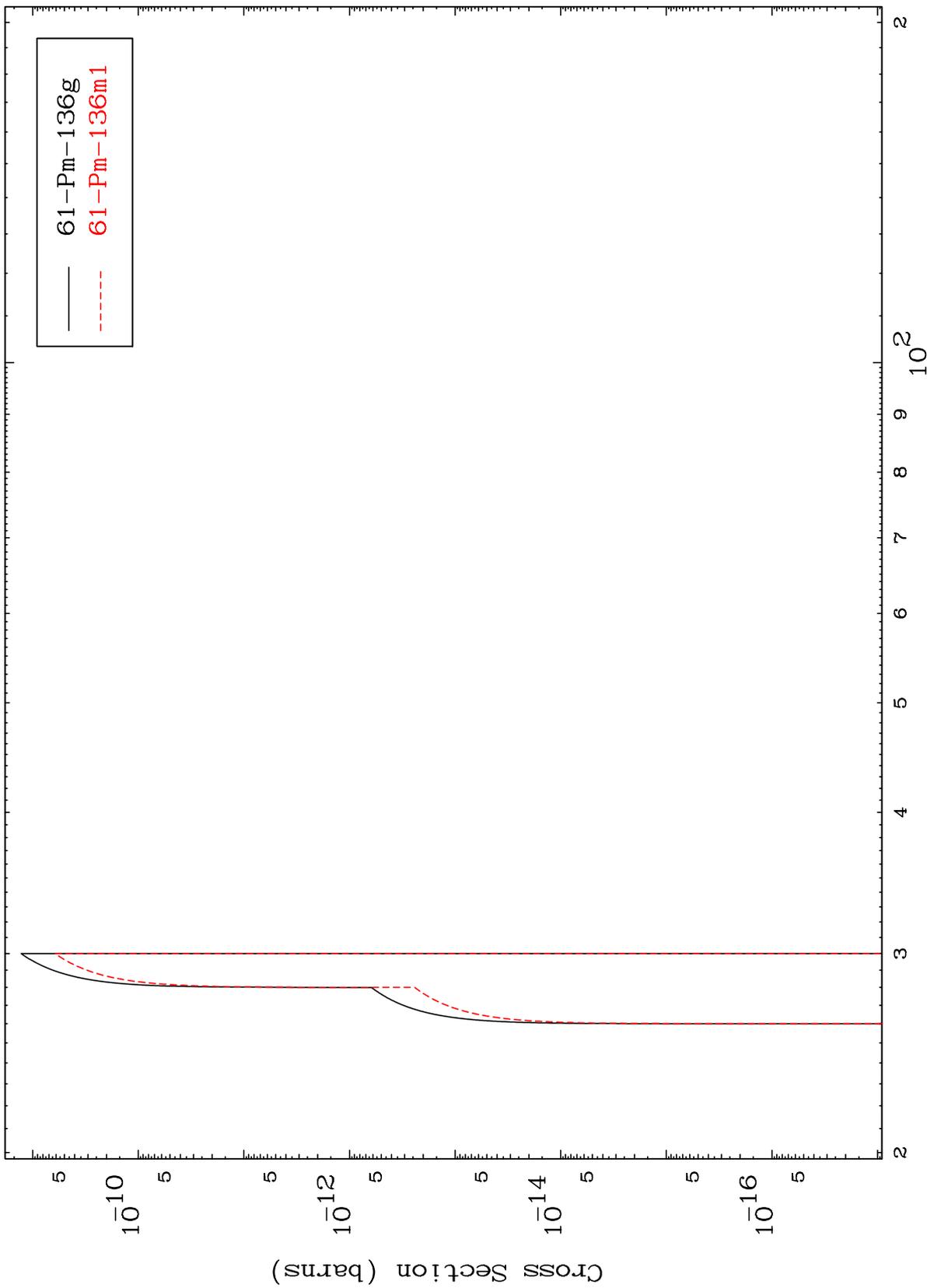
14

MAT 6116

(n,p) t

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-136