

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

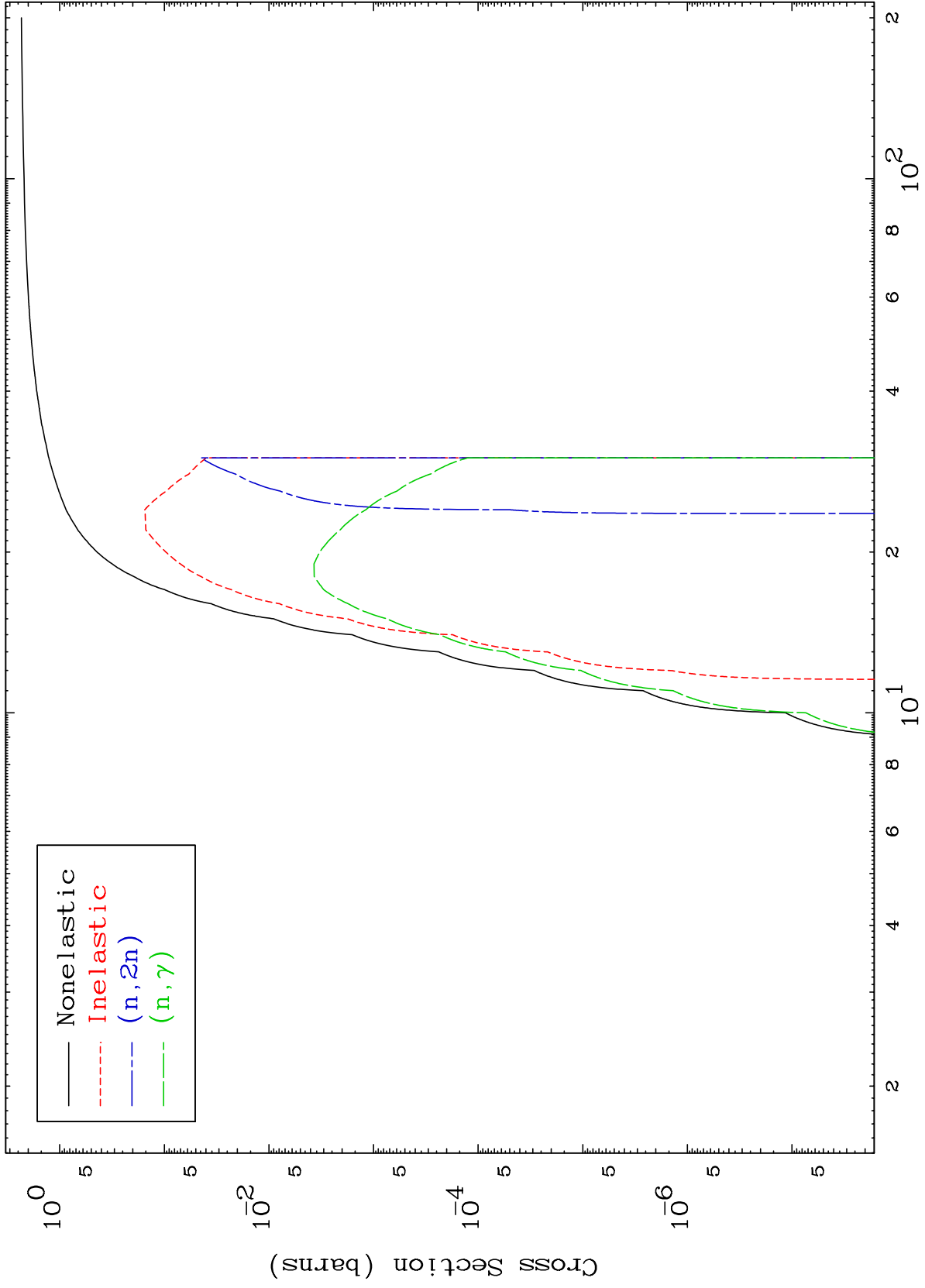
Press Mouse Button to Start

MAT 6117

0 Kelvin Cross Sections

$\alpha$  Major

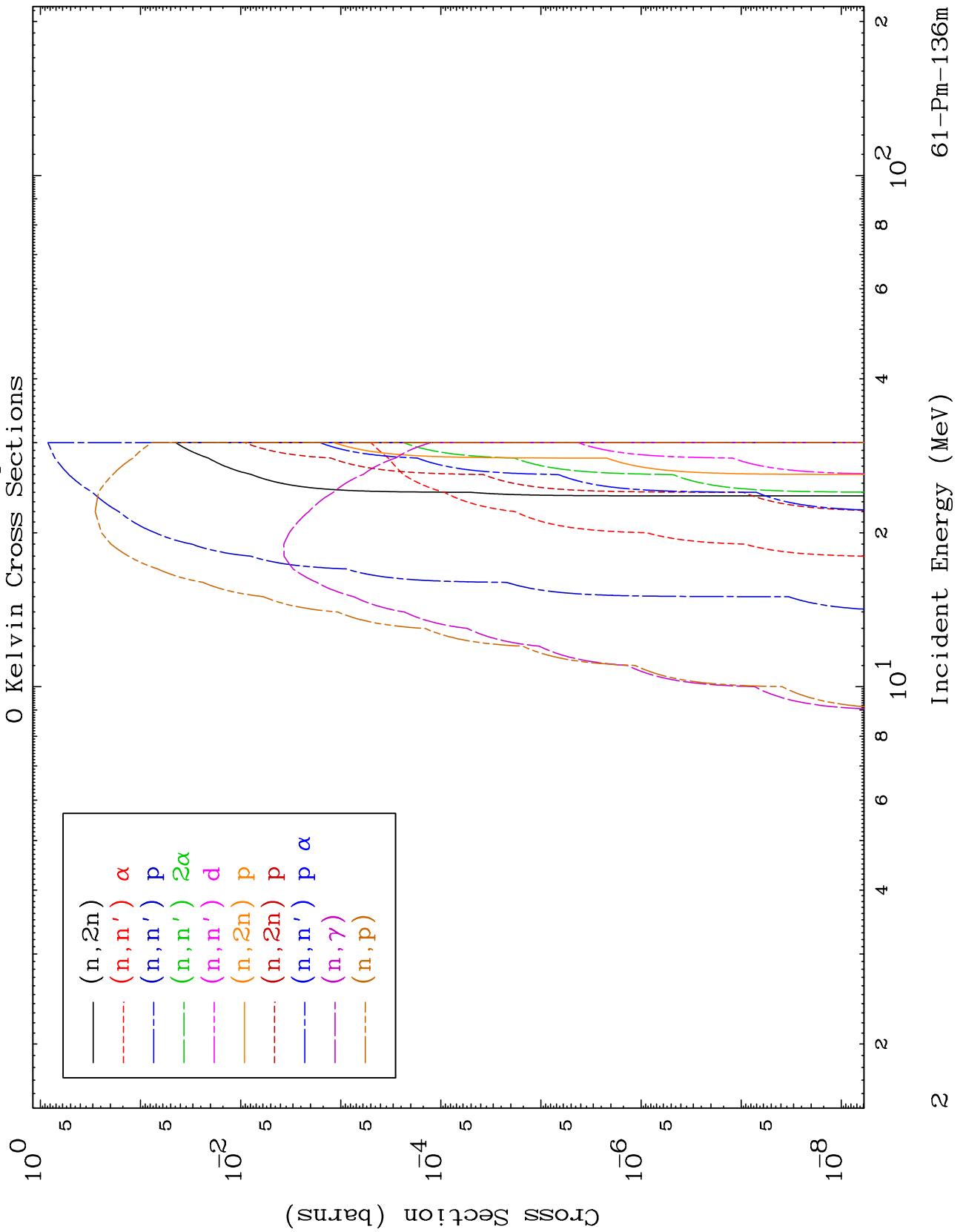
61-Pm-136m



MAT 6117

$\alpha$  Neutron Absorption

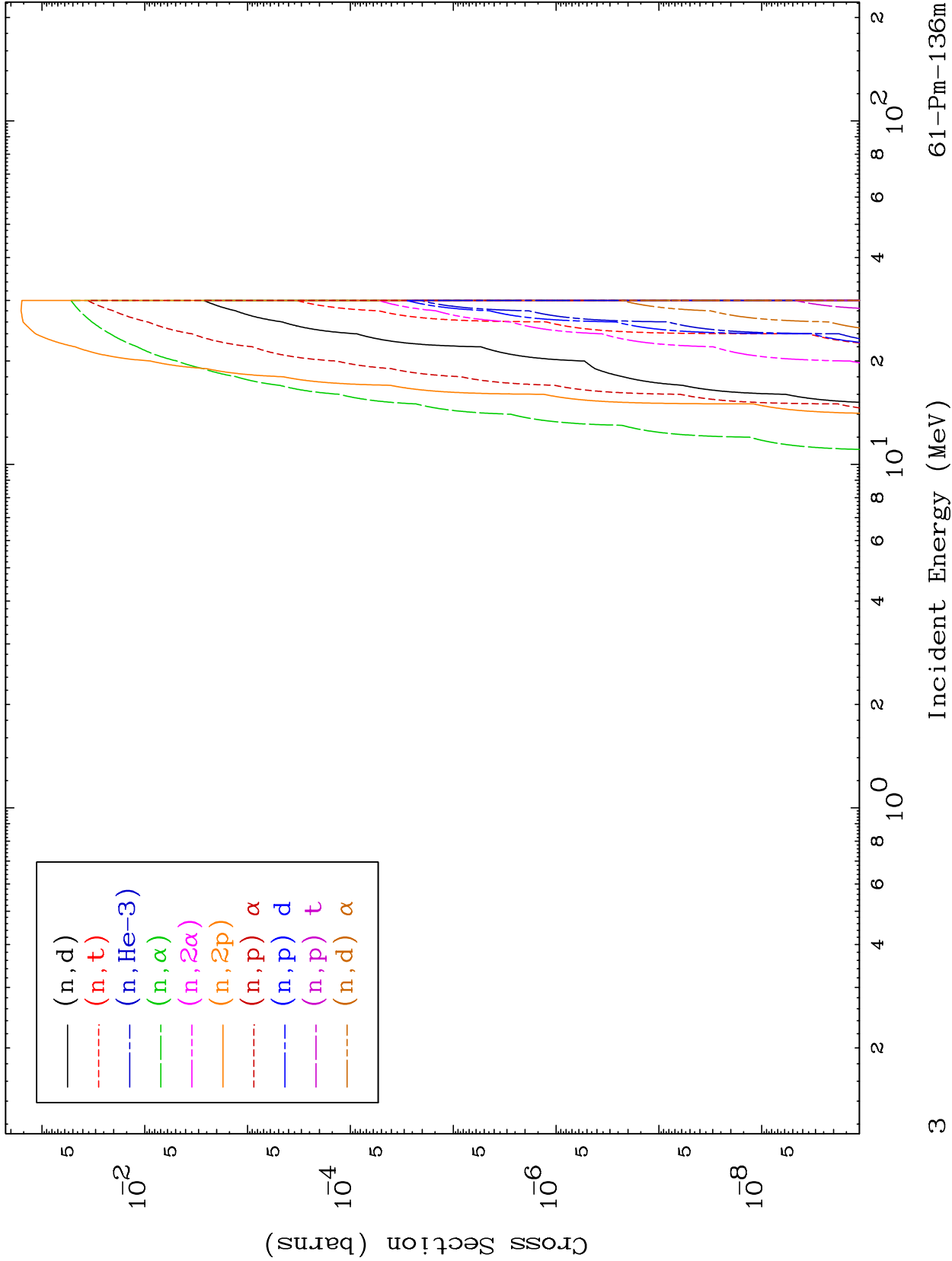
61-Pm-136m



MAT 6117

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

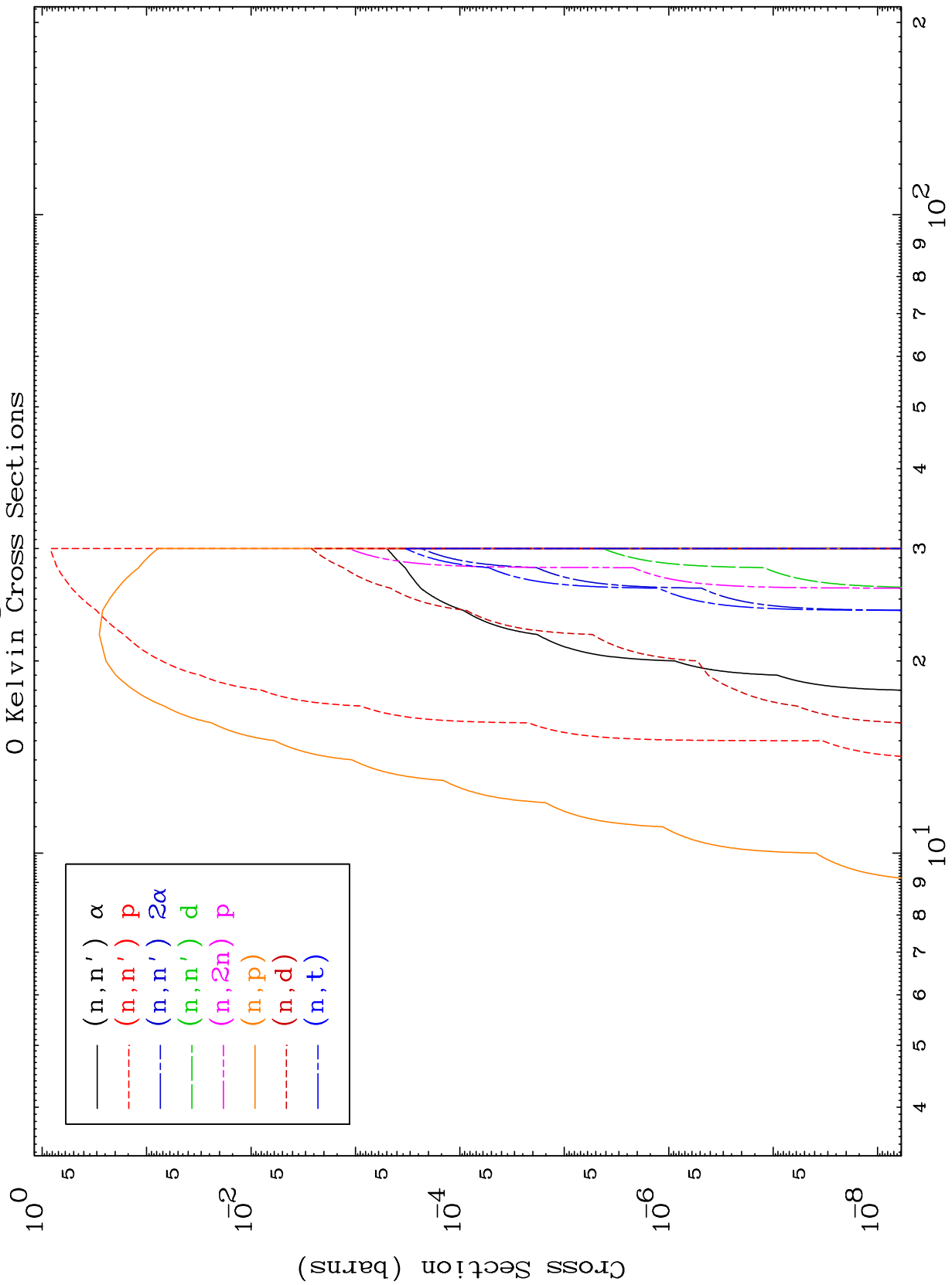
61-Pm-136m



MAT 6117

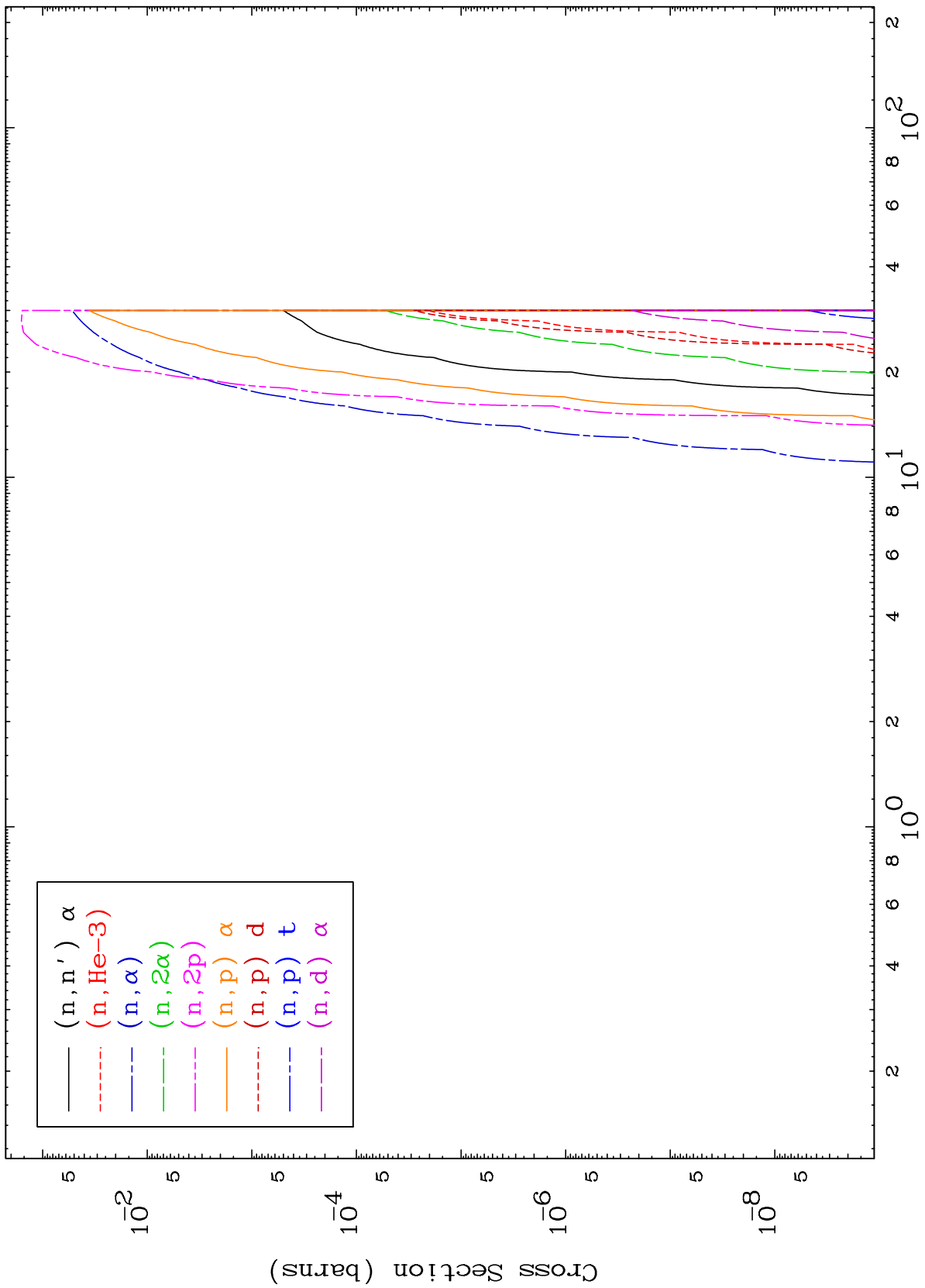
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-136m



61-Pm-136m

Incident Energy (MeV)

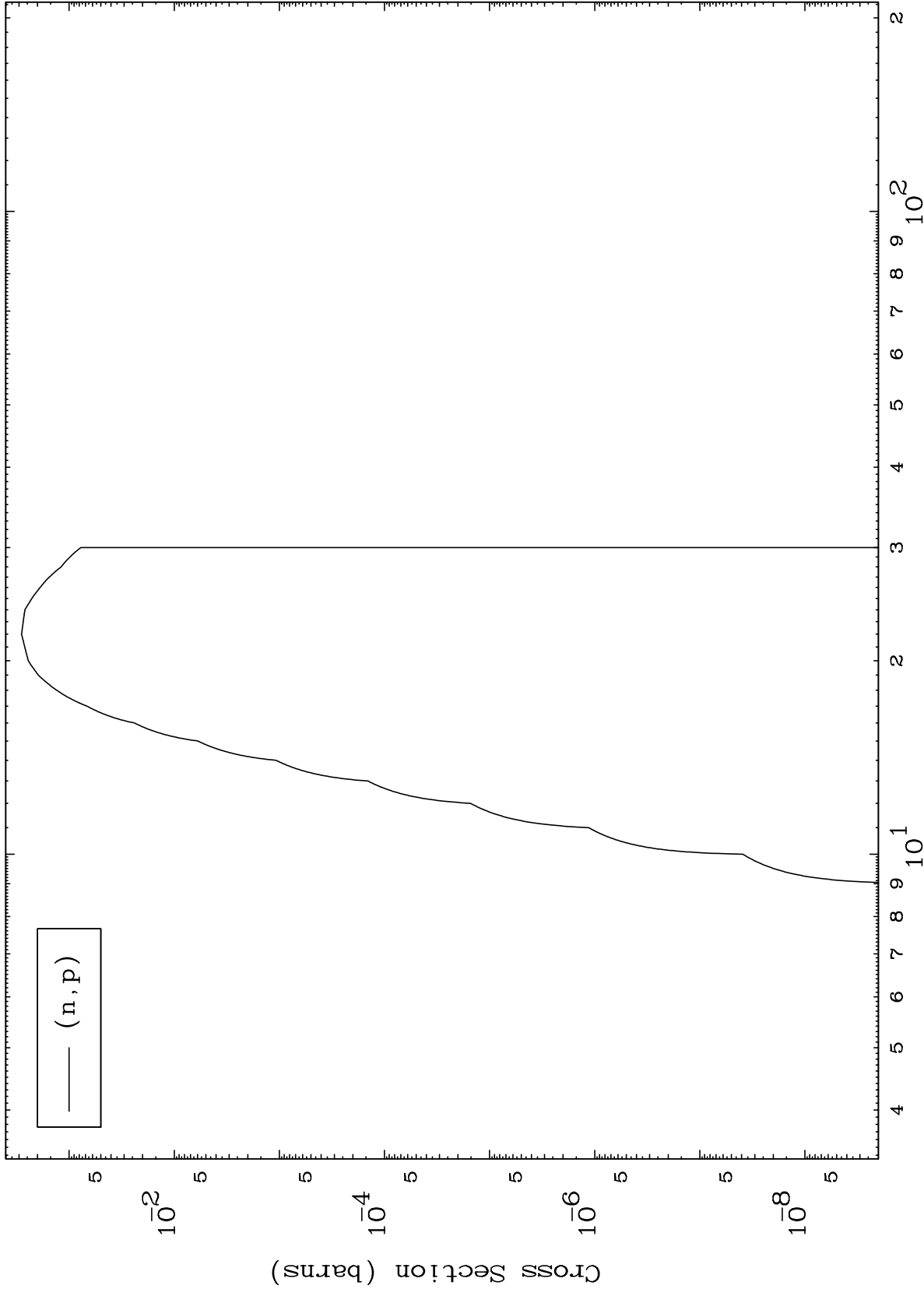


MAT 6117

( $\alpha, p$ ) Levels

61-Pm-136m

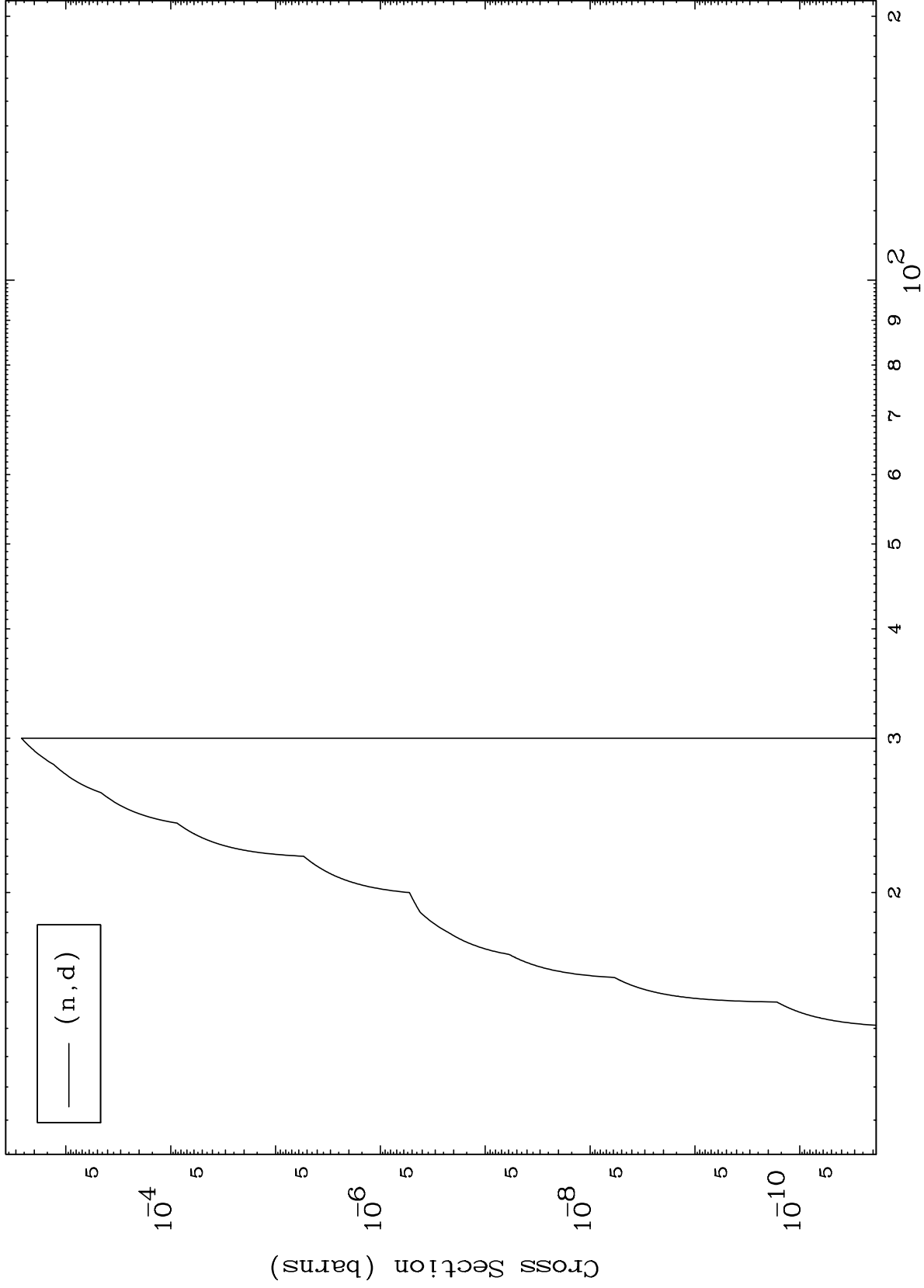
0 Kelvin Cross Sections



MAT 61117

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

61-Pm-136m



7

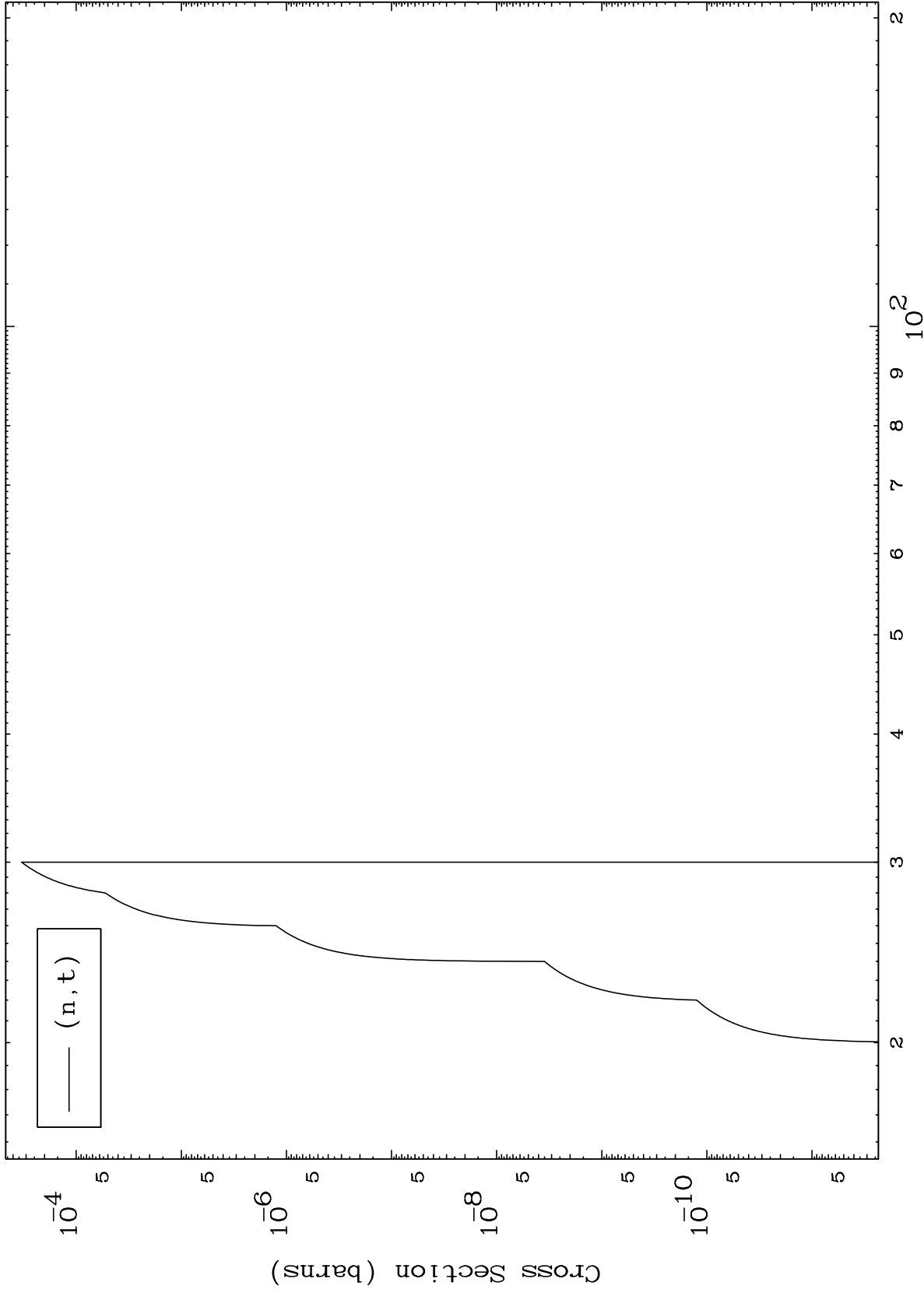
Incident Energy (MeV)

61-Pm-136m

MAT 61117

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

61-Pm-136m



8

Incident Energy (MeV)

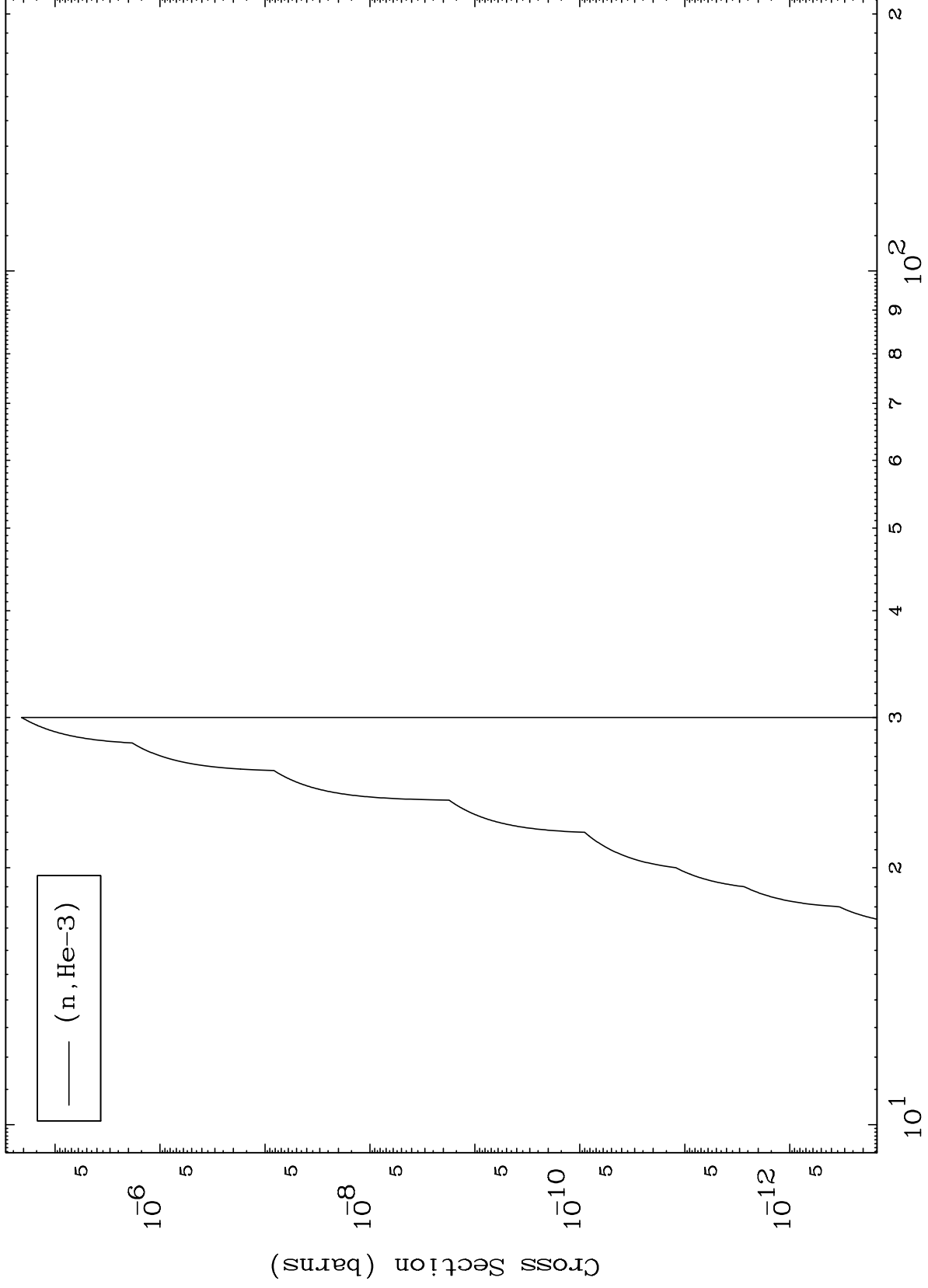
61-Pm-136m

MAT 61117

( $\alpha, \text{He}3$ ) Levels

61-Pm-136m

0 Kelvin Cross Sections



61-Pm-136m

Incident Energy (MeV)

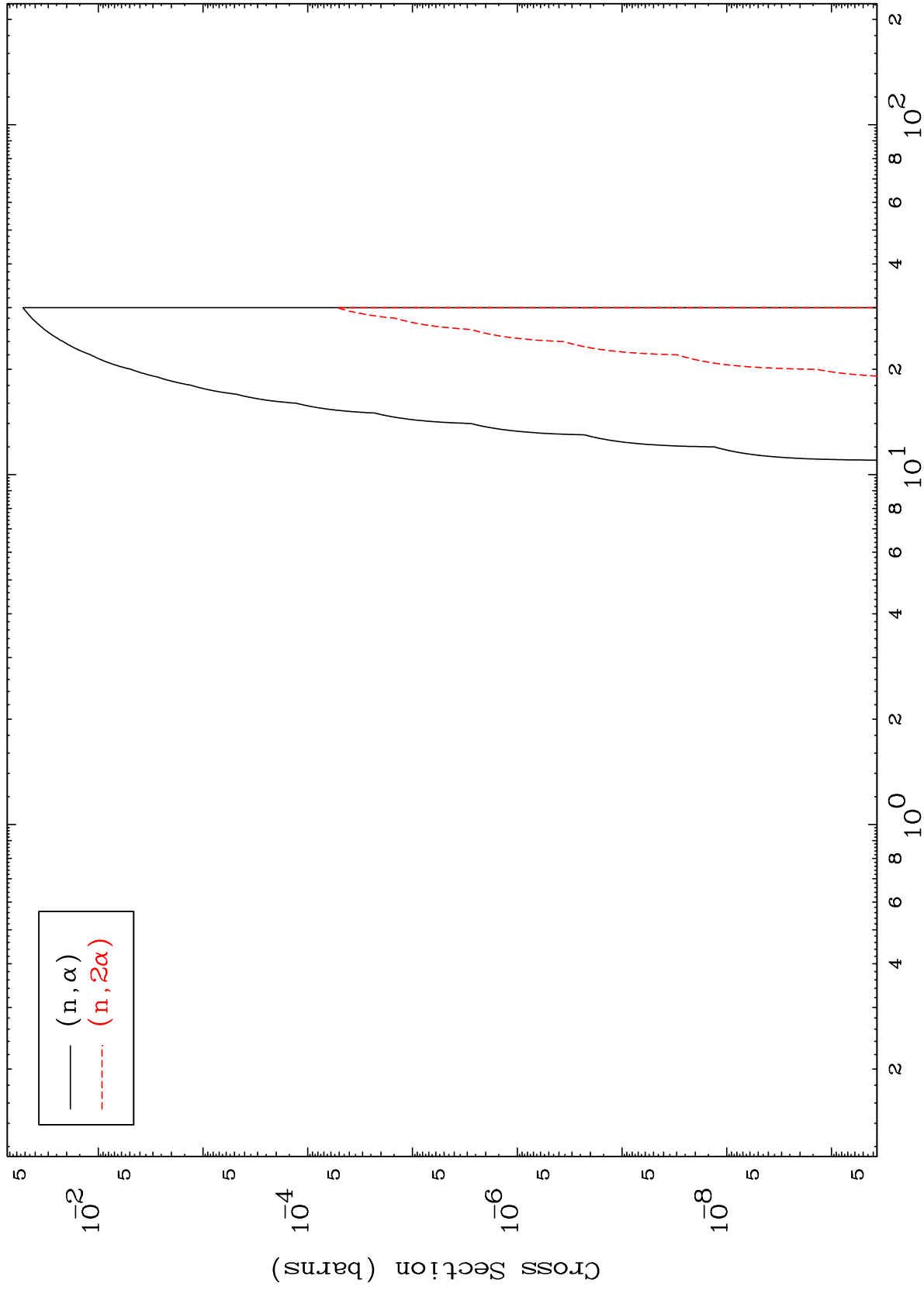
9

MAT 6117

( $\alpha, \alpha$ ) Levels

61-Pm-136m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

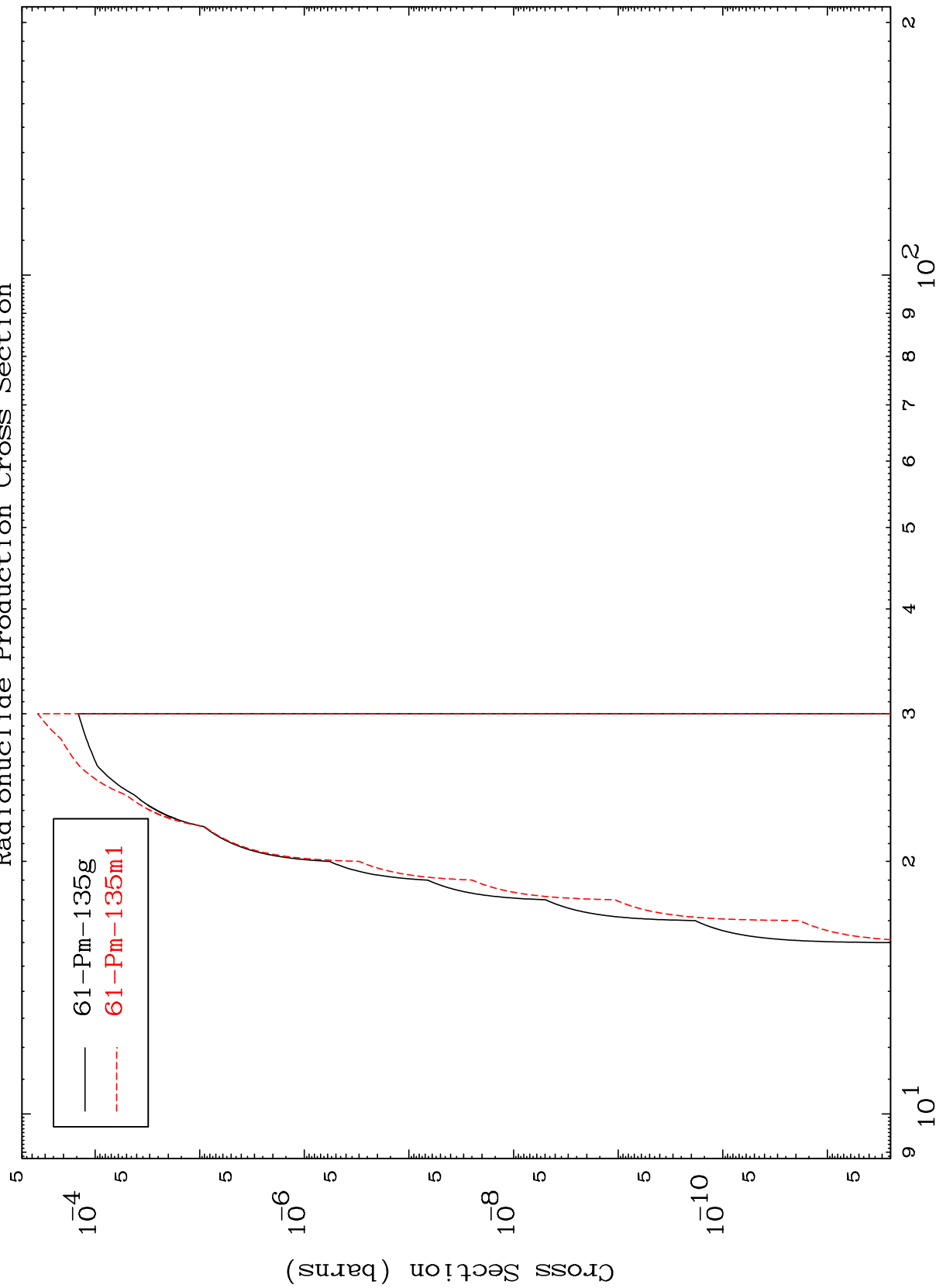
61-Pm-136m

MAT 6117

$(n, n') \alpha$

61-Pm-136m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

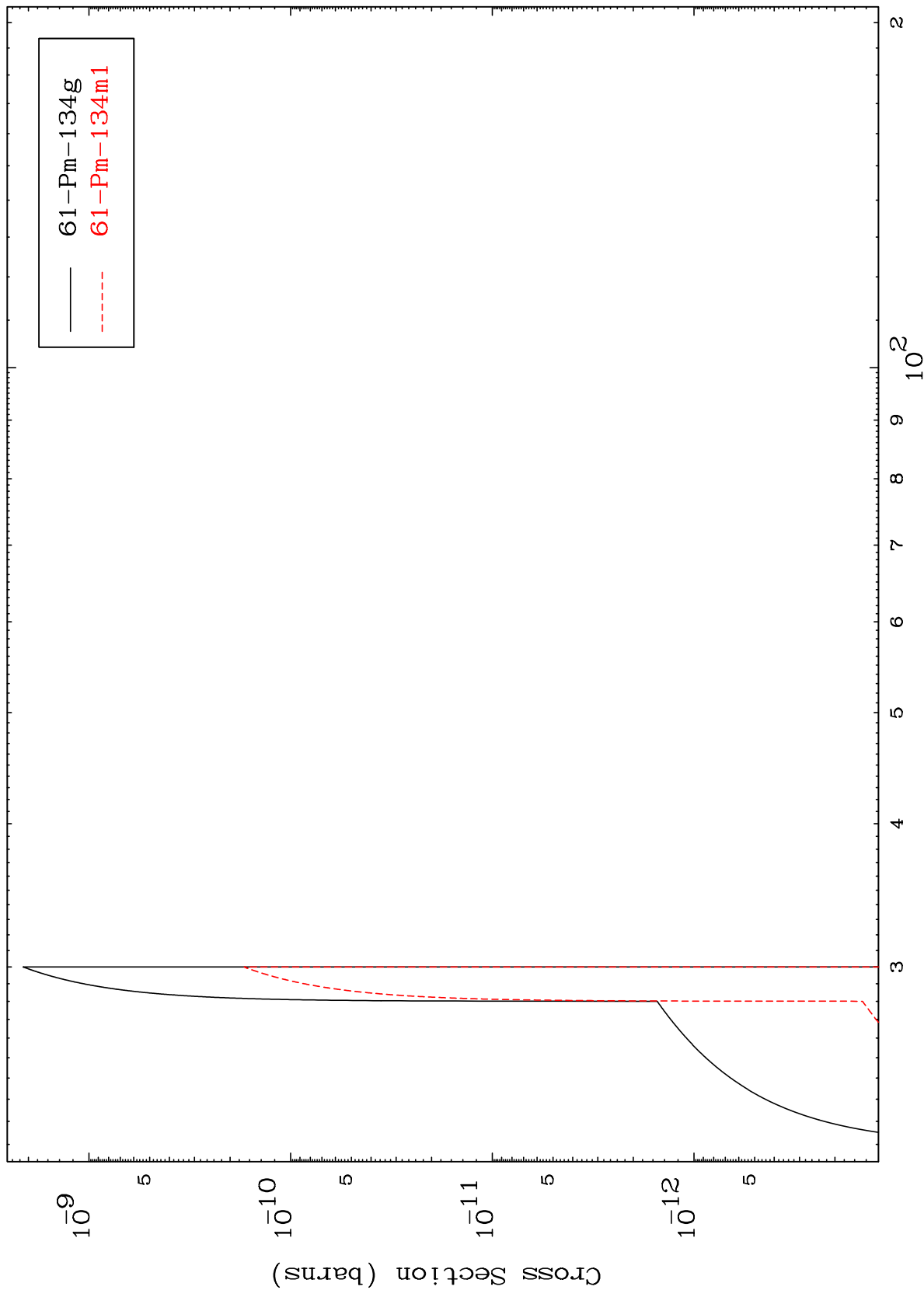
61-Pm-136m

MAT 6117

(n,2n)  $\alpha$

61-Pm-136m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

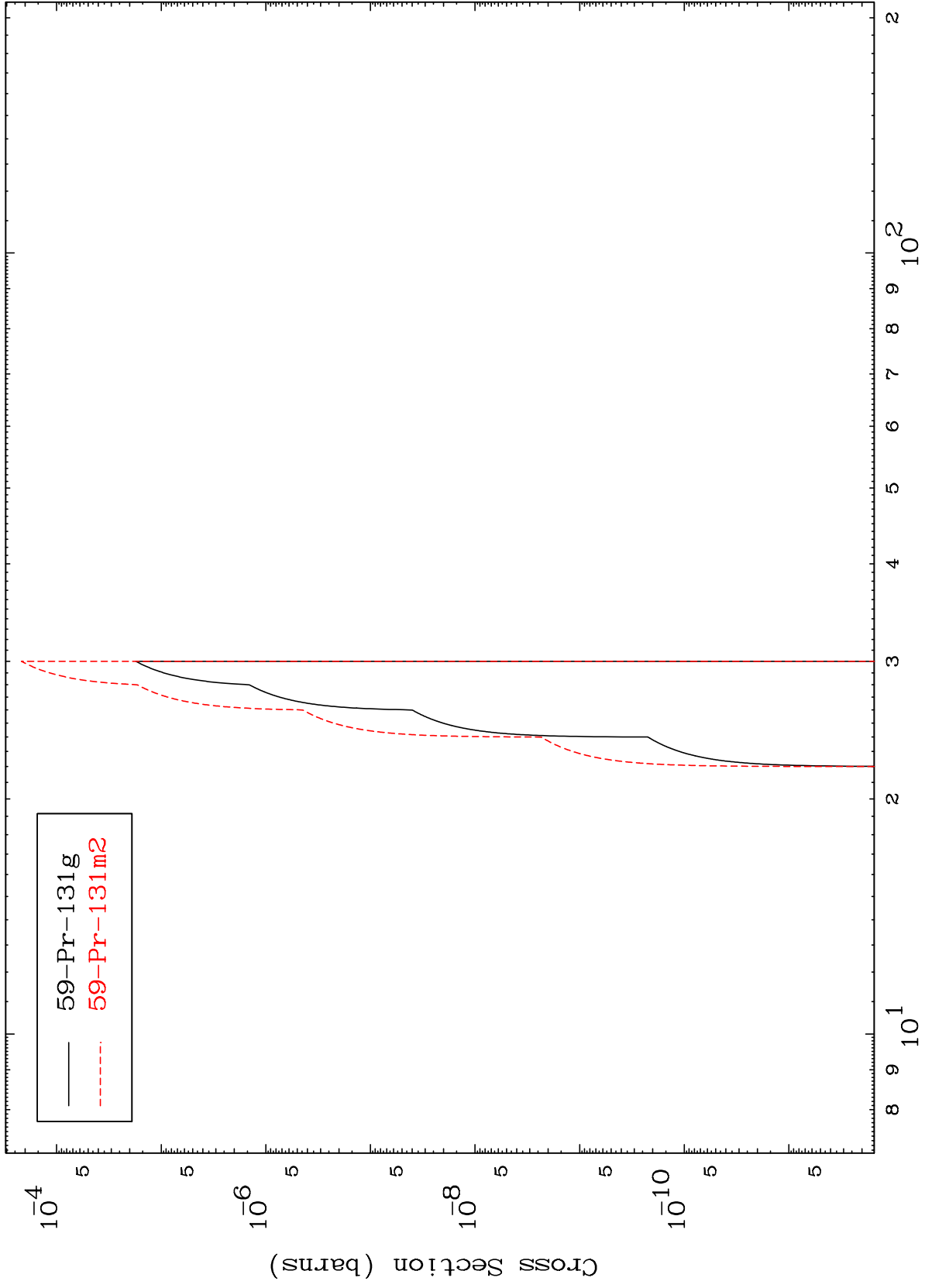
61-Pm-136m

MAT 6117

(n,n') 2α

61-Pm-136m

Radionuclide Production Cross Section



13

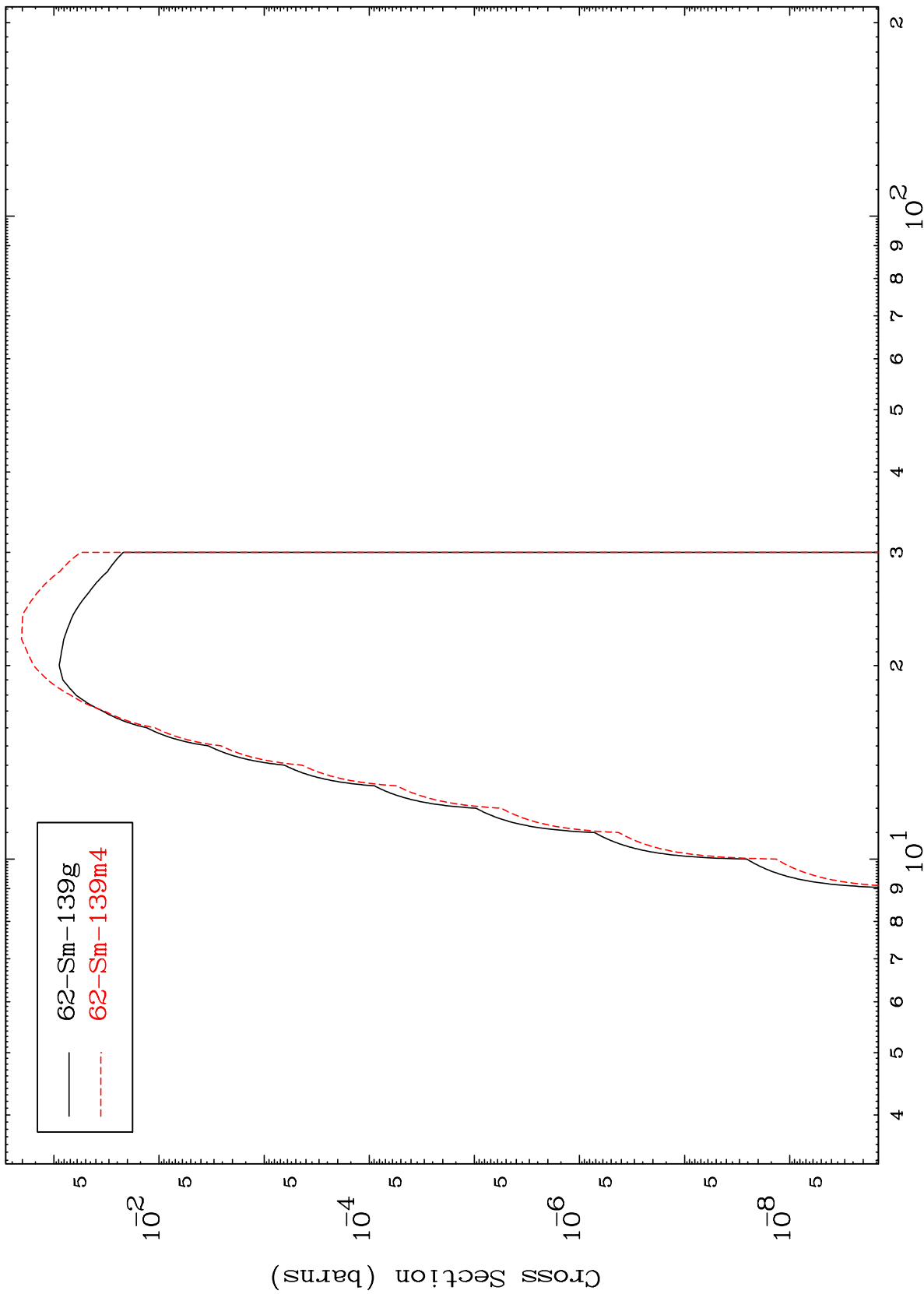
Incident Energy (MeV)

61-Pm-136m

MAT 6117

61-Pm-136m

(n,p)  
Radionuclide Production Cross Section



61-Pm-136m

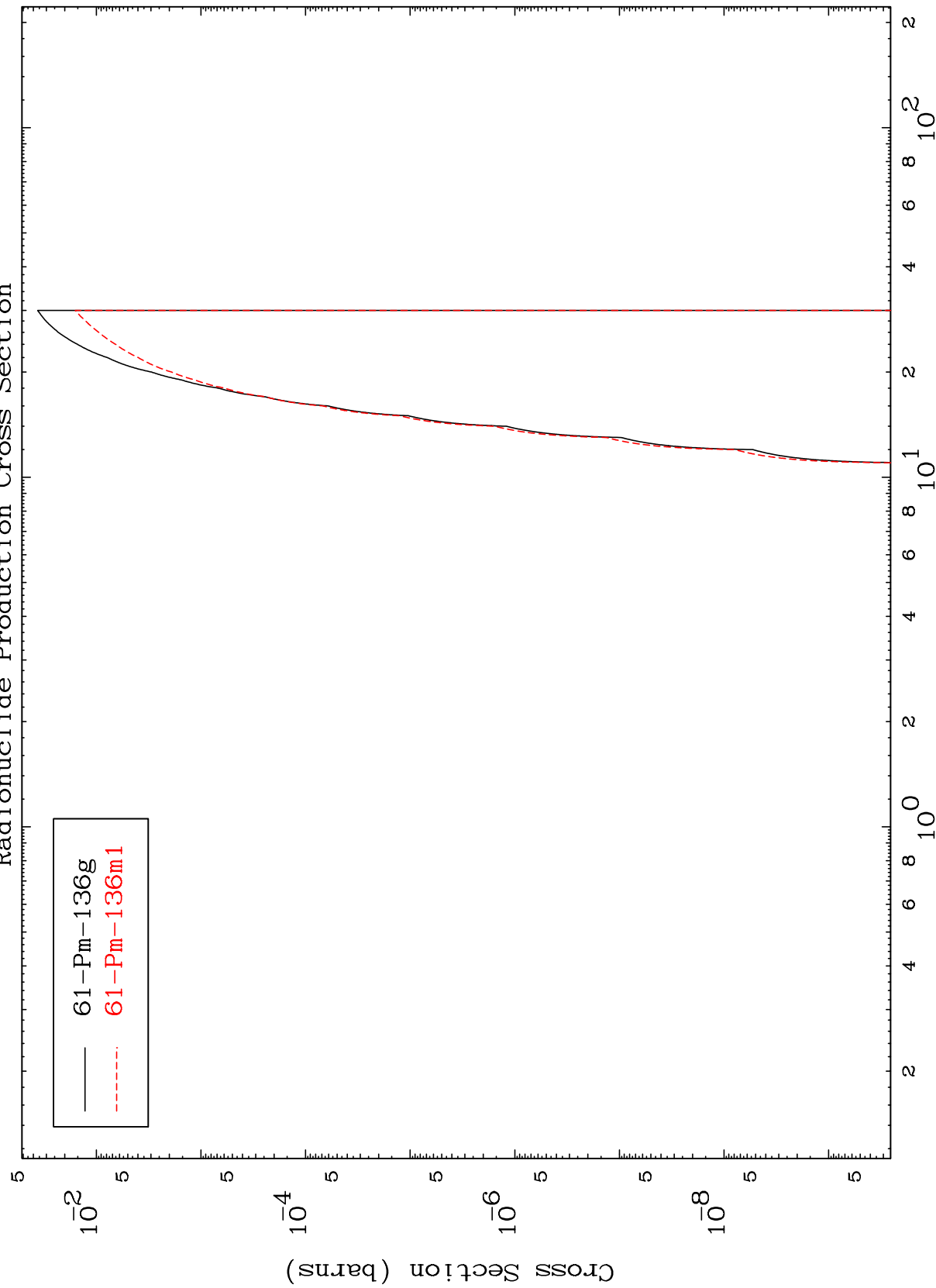
Incident Energy (MeV)

14

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61-Pm-136m

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



61-Pm-136m

Incident Energy (MeV)

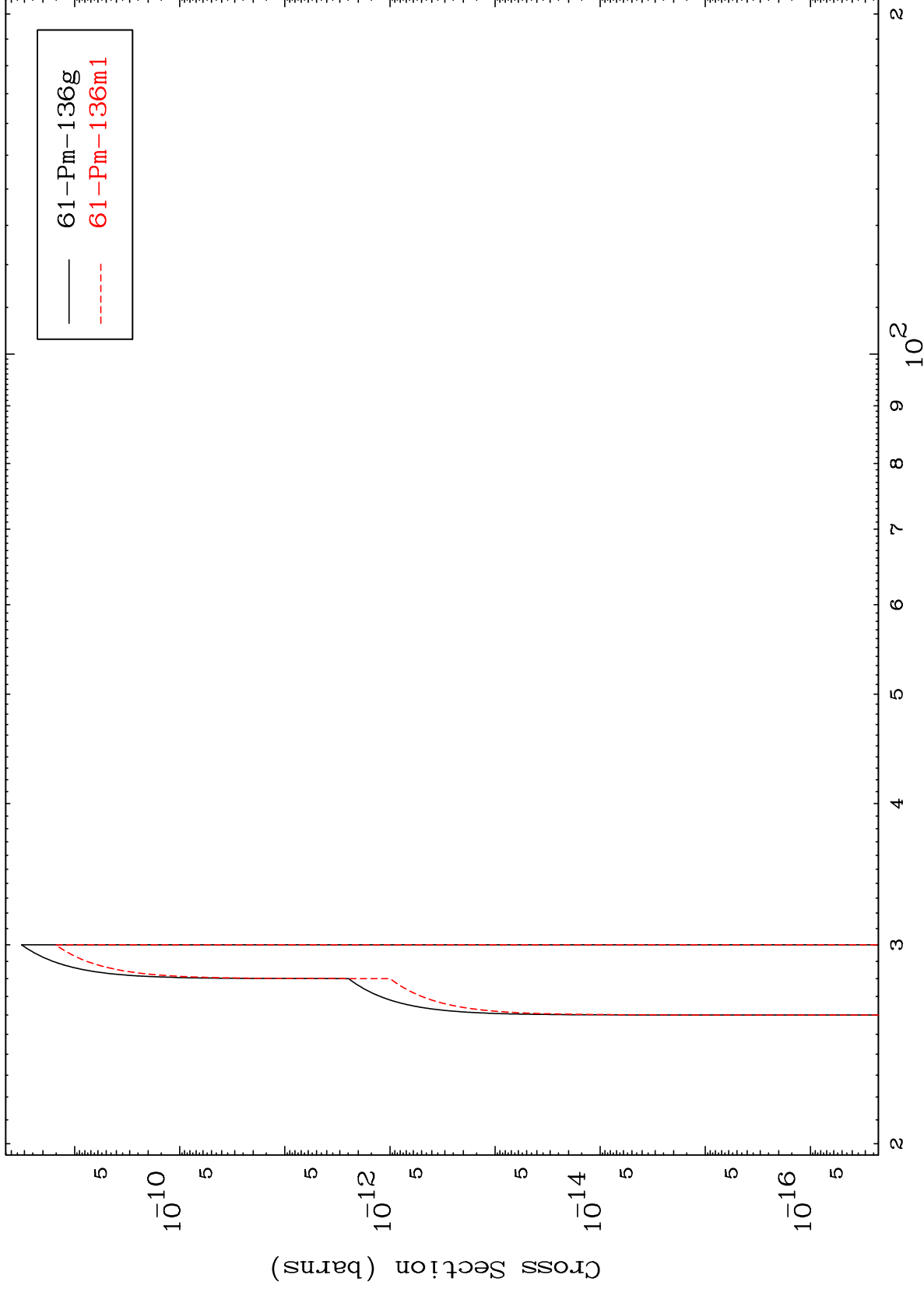
15

MAT 6117

(n,p) t

61-Pm-136m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-136m