

Program EVALPLOT  
(Version 2021-1)

by

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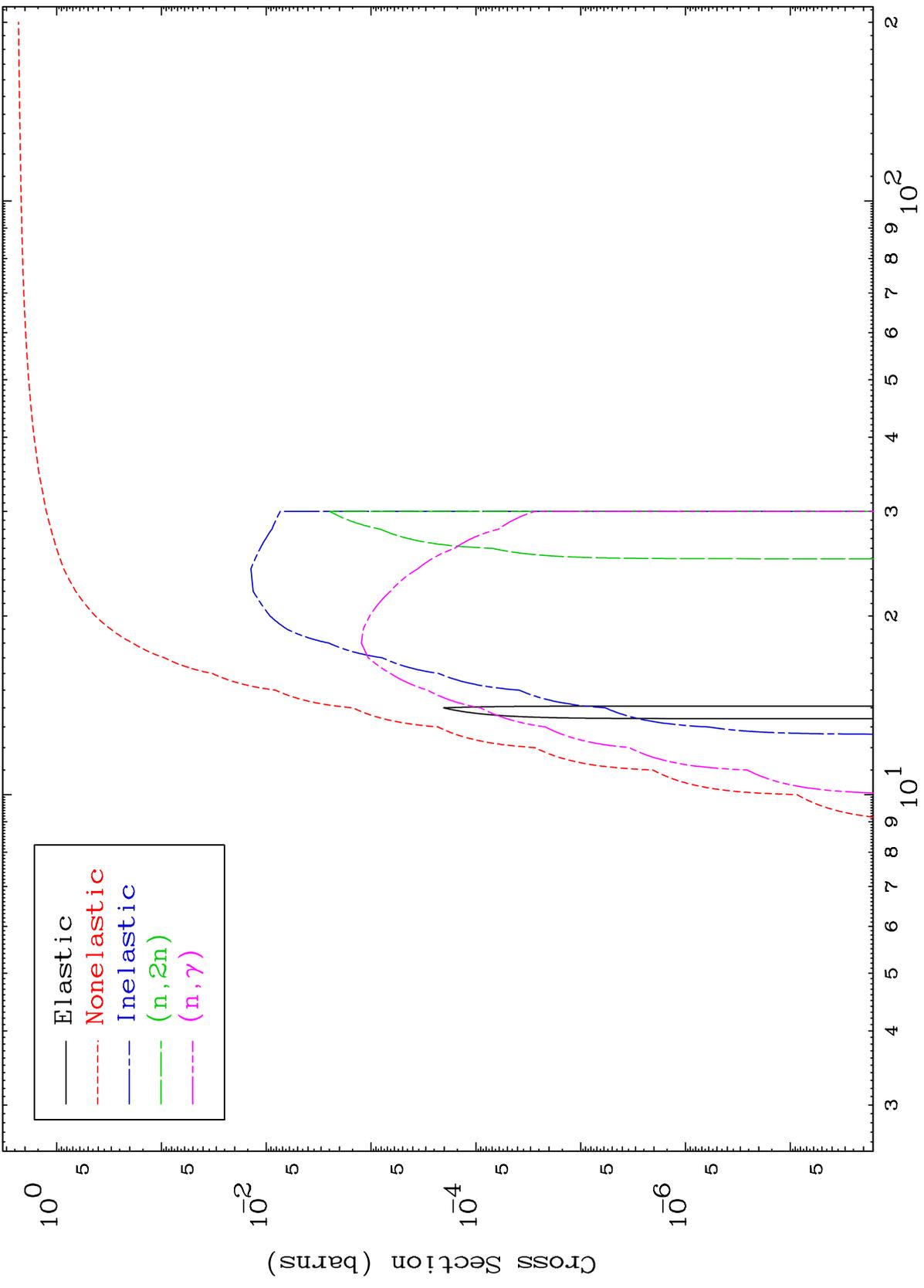
Press Mouse Button to Start

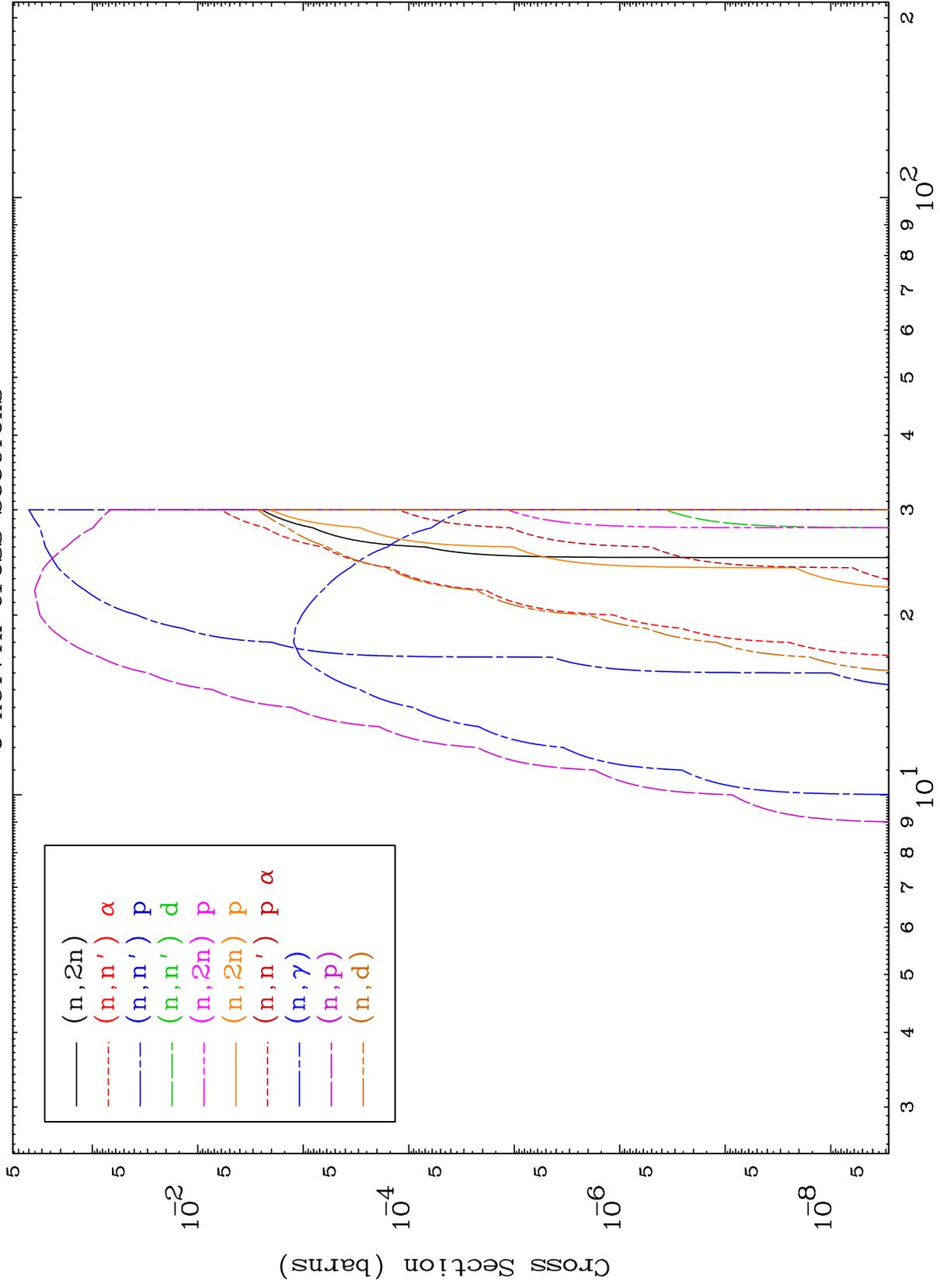
MAT 6110

$\alpha$  Major

61-Pm-134

0 Kelvin Cross Sections

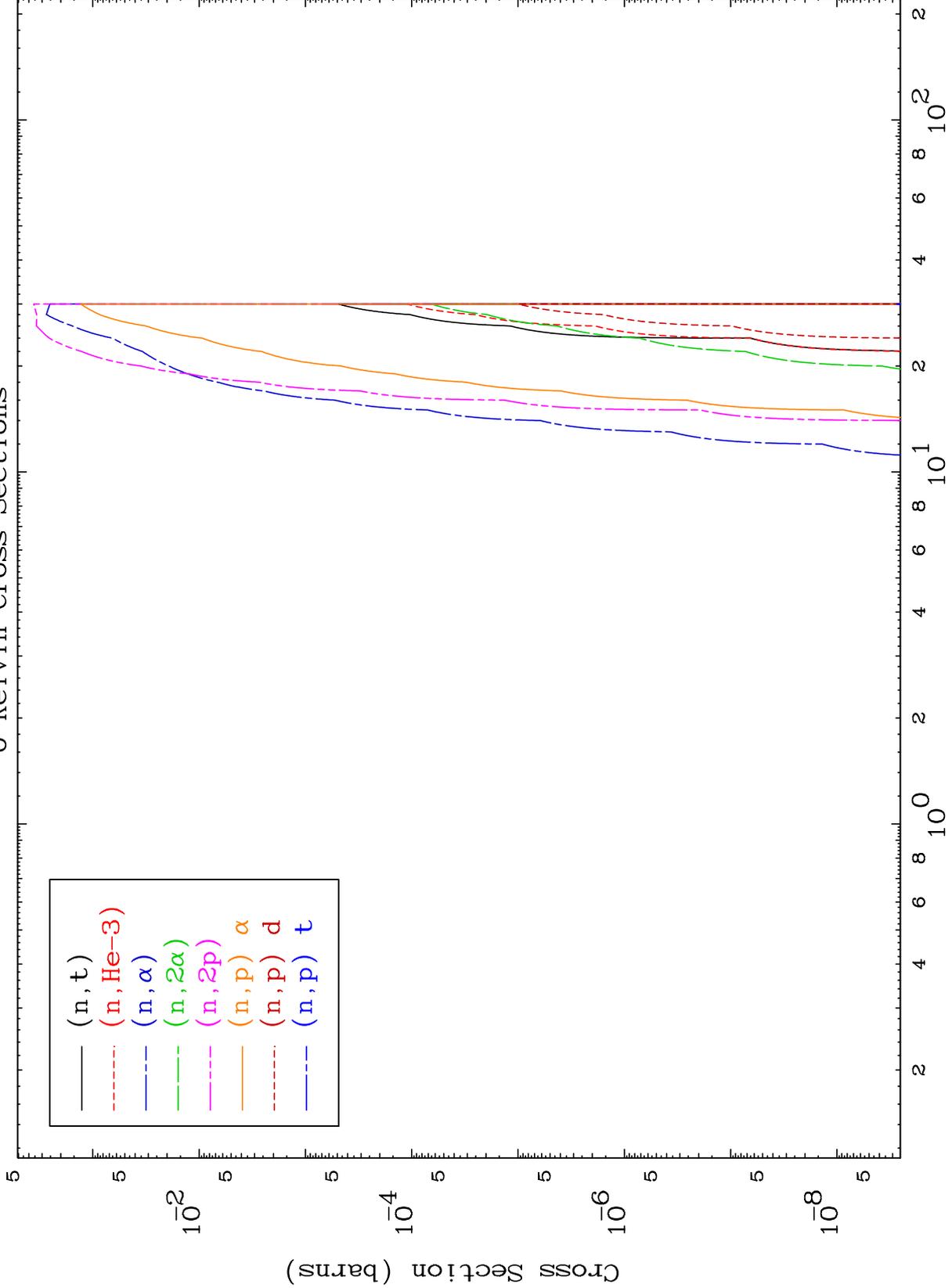




MAT 6110

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

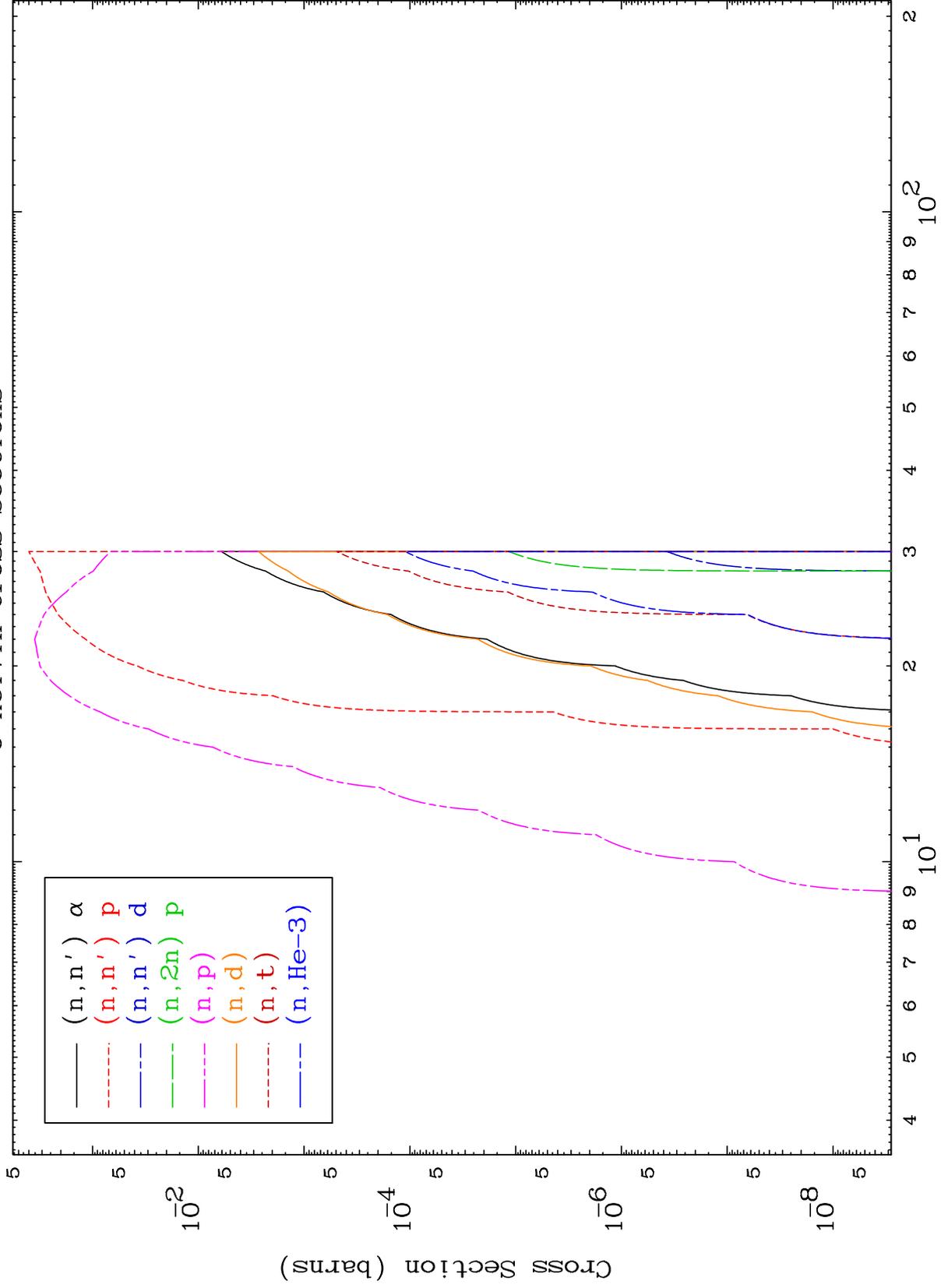
61-Pm-134



MAT 6110

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

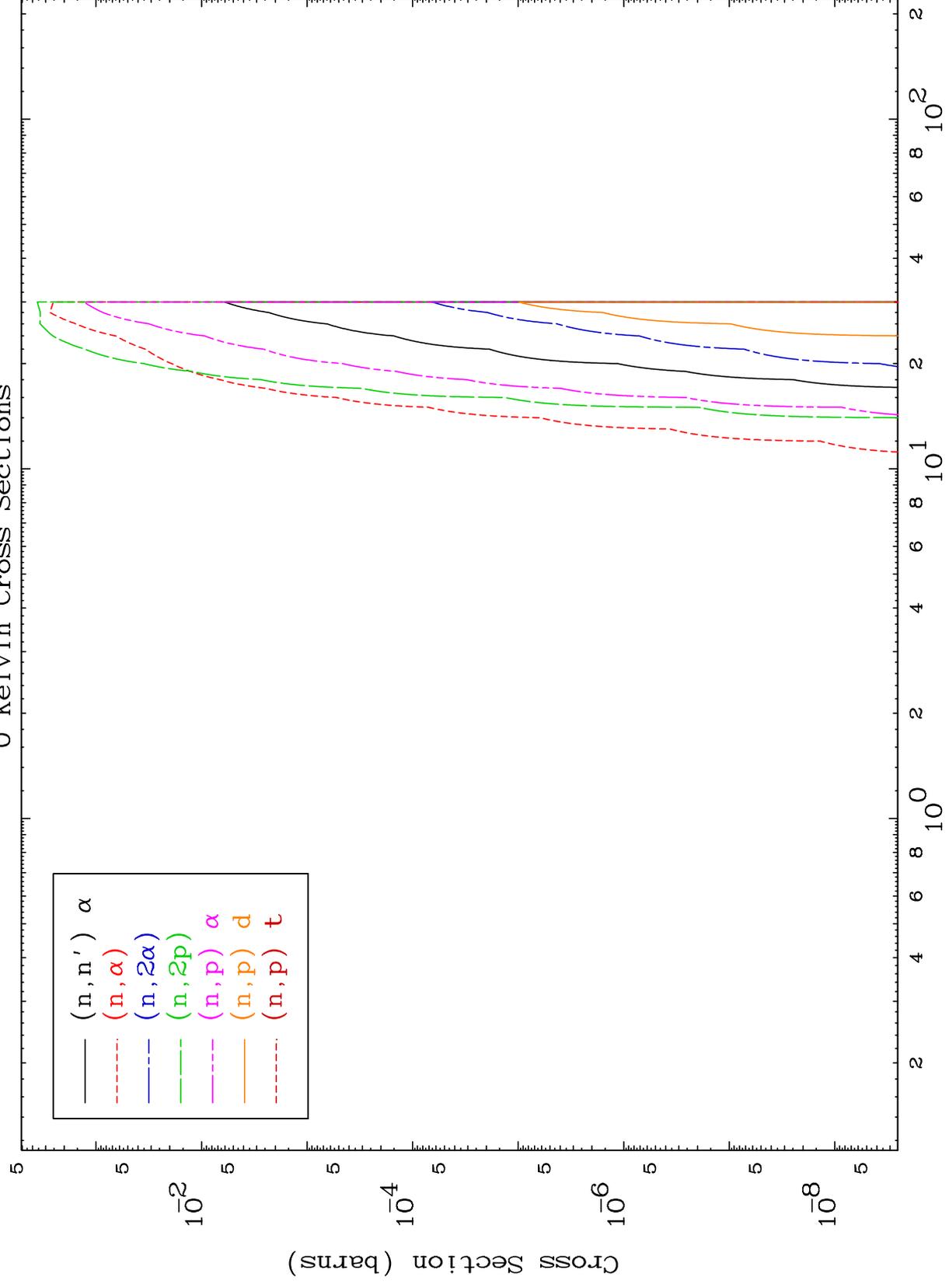
61-Pm-134



MAT 6110

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

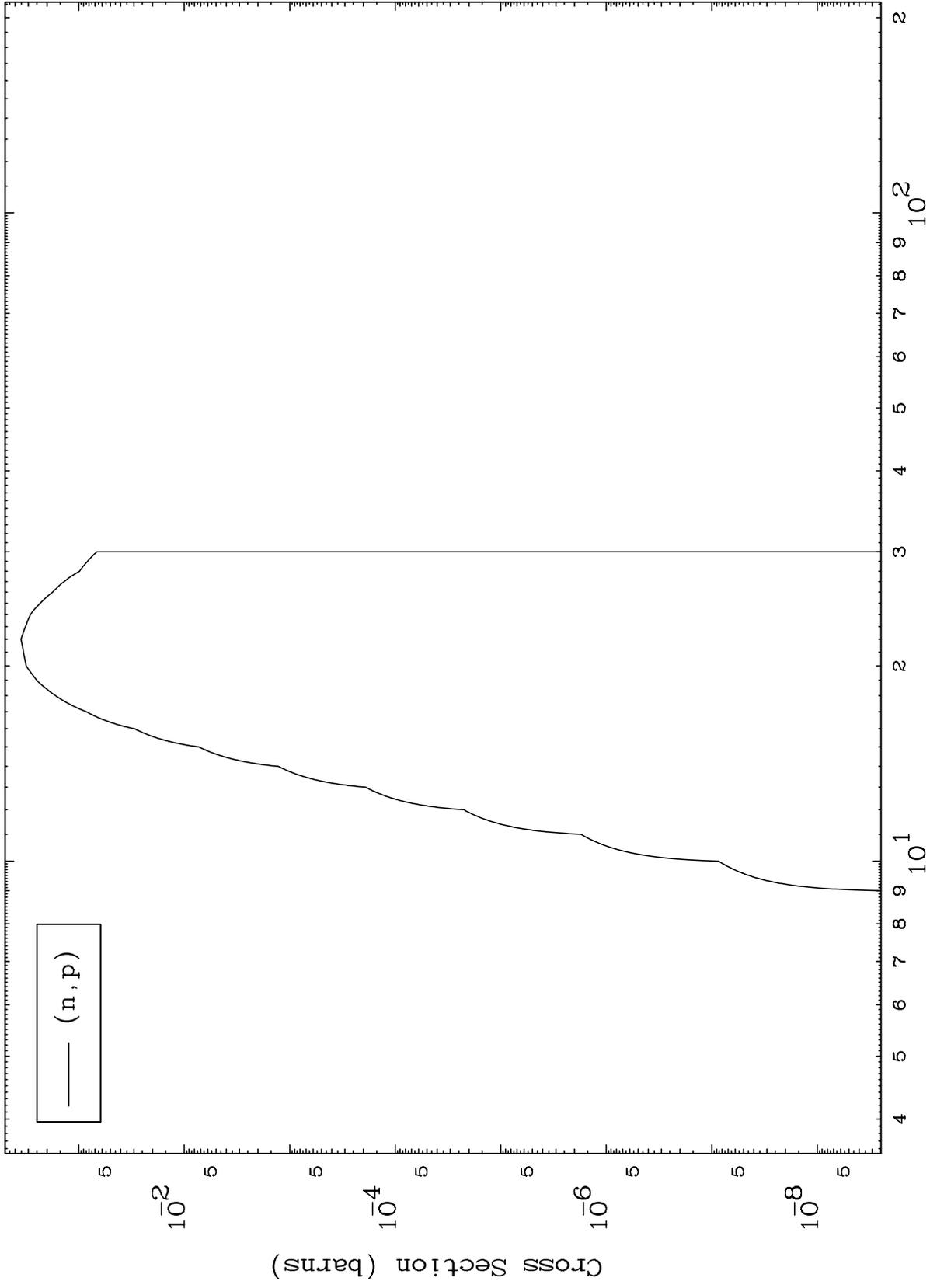
61-Pm-134



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61-Pm-134

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



61-Pm-134

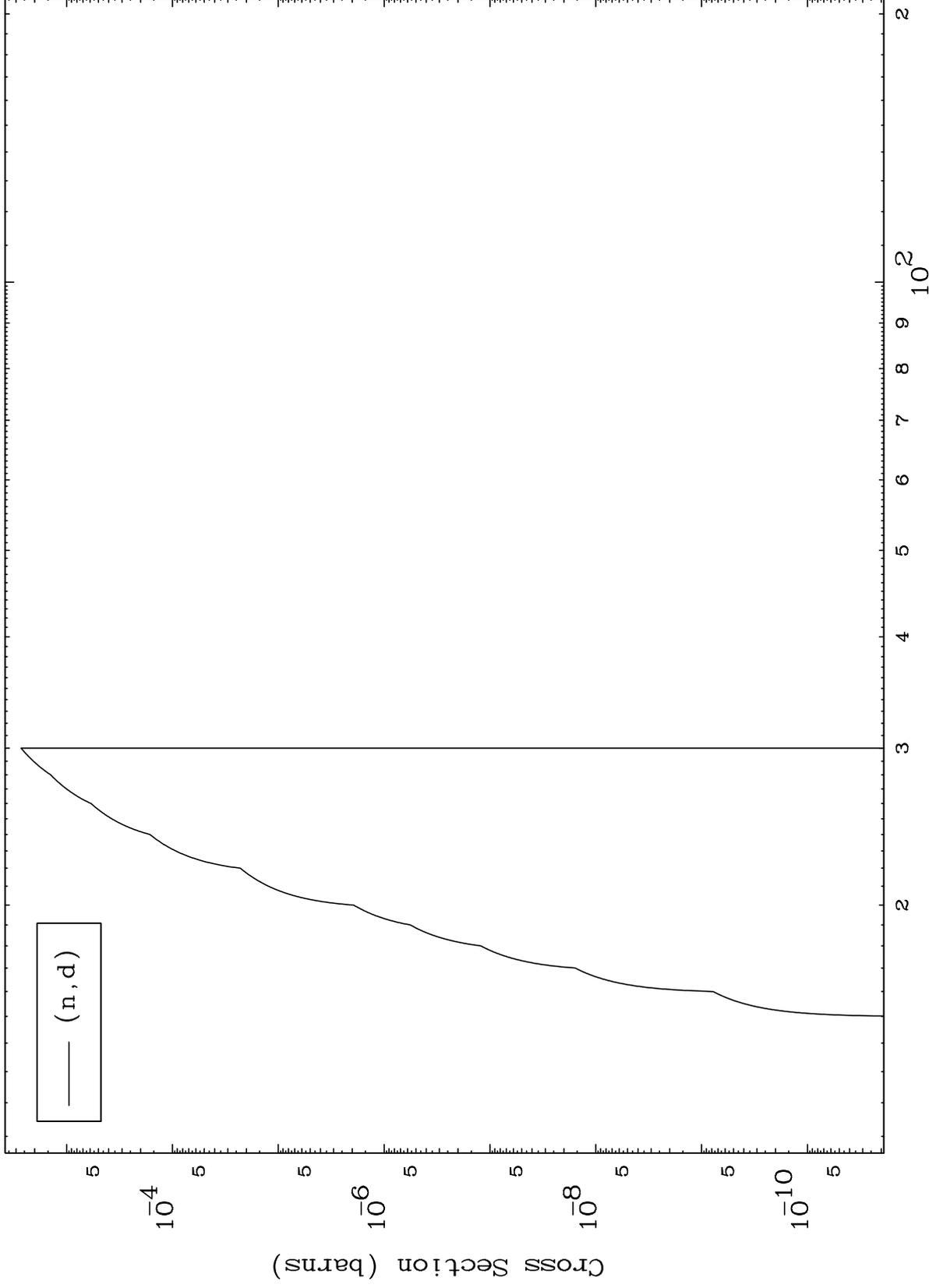
Incident Energy (MeV)

6

MAT 6110

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

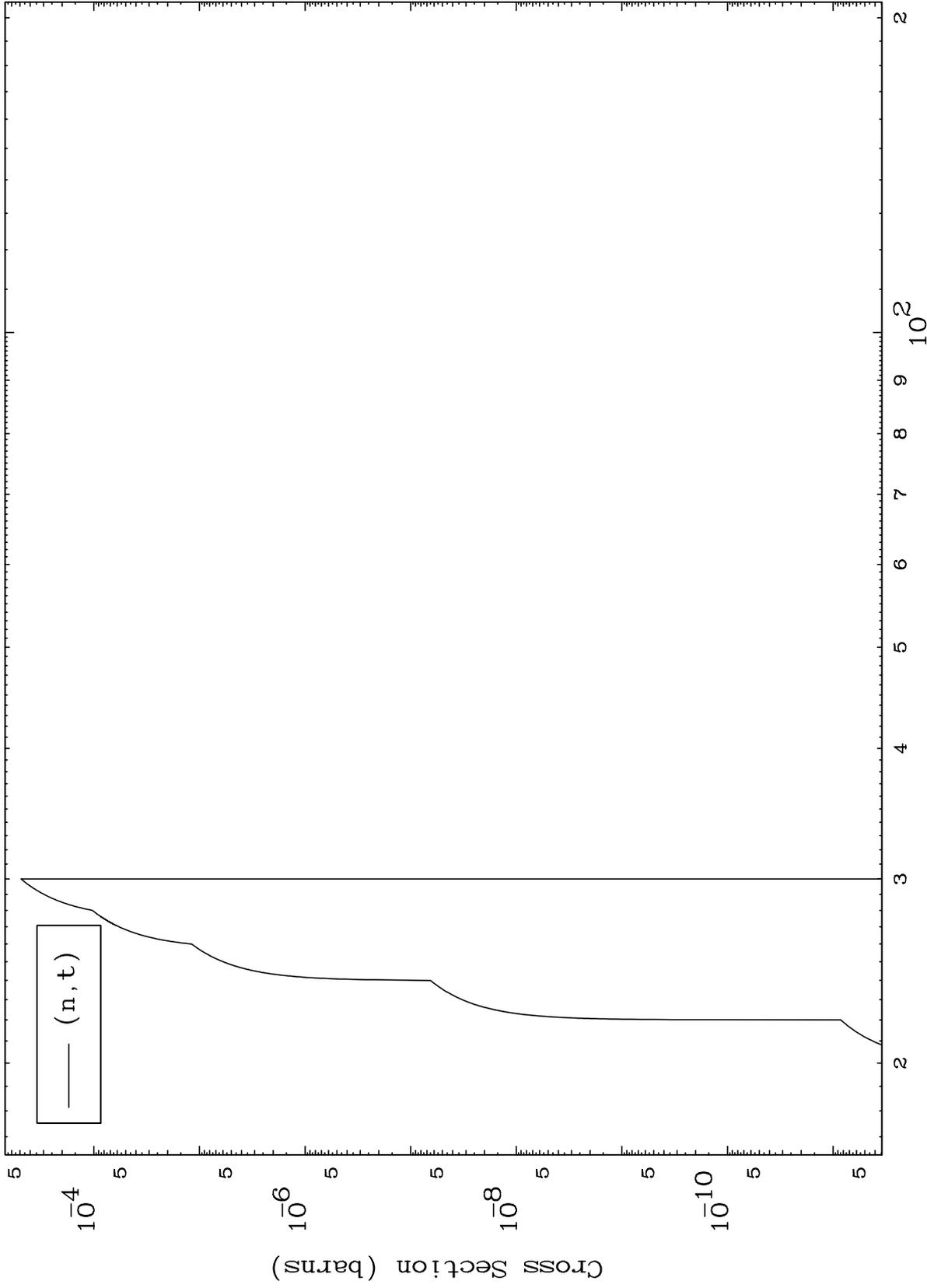
61-Pm-134



7

Incident Energy (MeV)

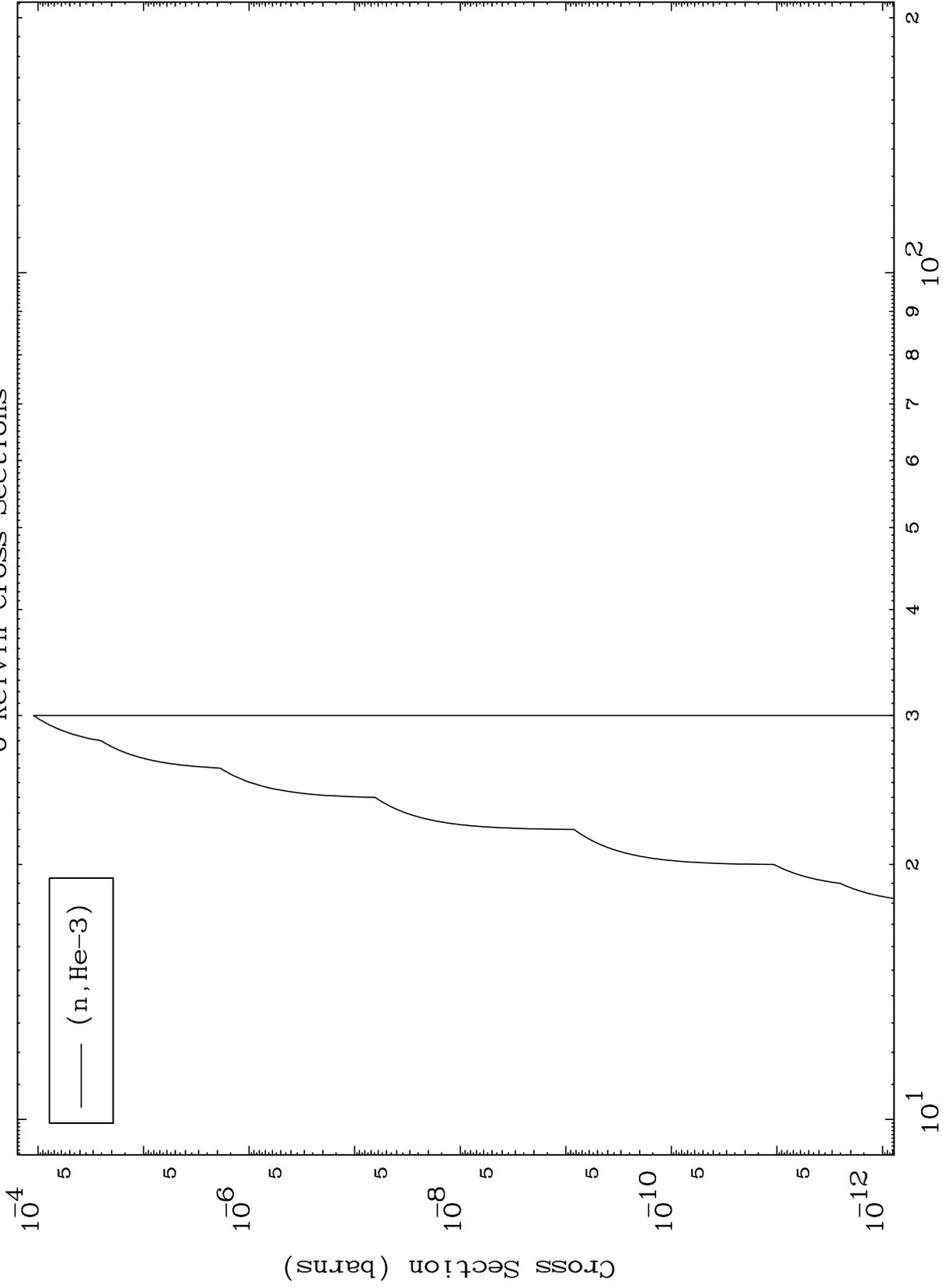
61-Pm-134



MAT 6110

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

61-Pm-134



Incident Energy (MeV)

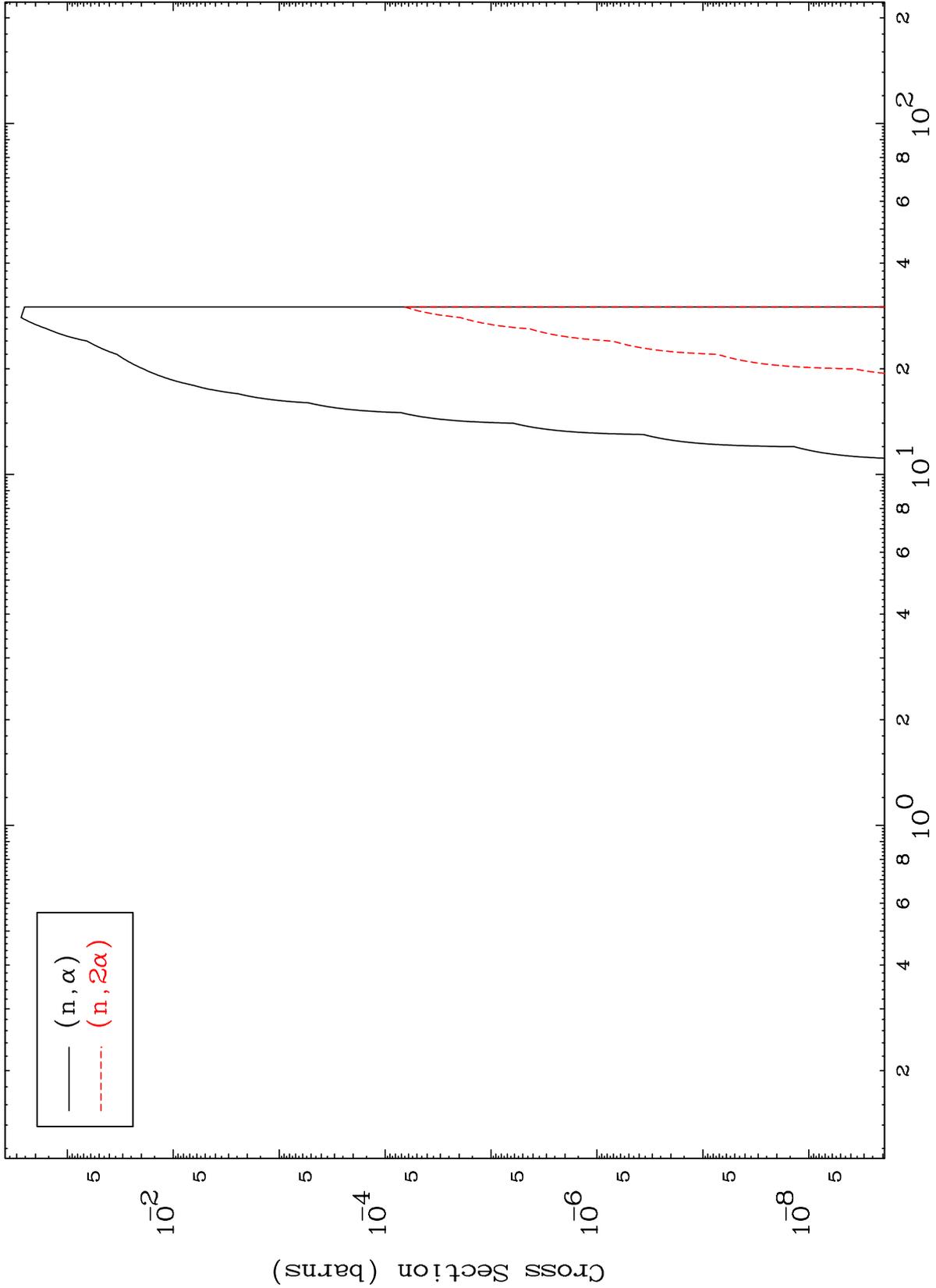
61-Pm-134

MAT 6110

( $\alpha, \alpha$ ) Levels

61-Pm-134

0 Kelvin Cross Sections



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

10

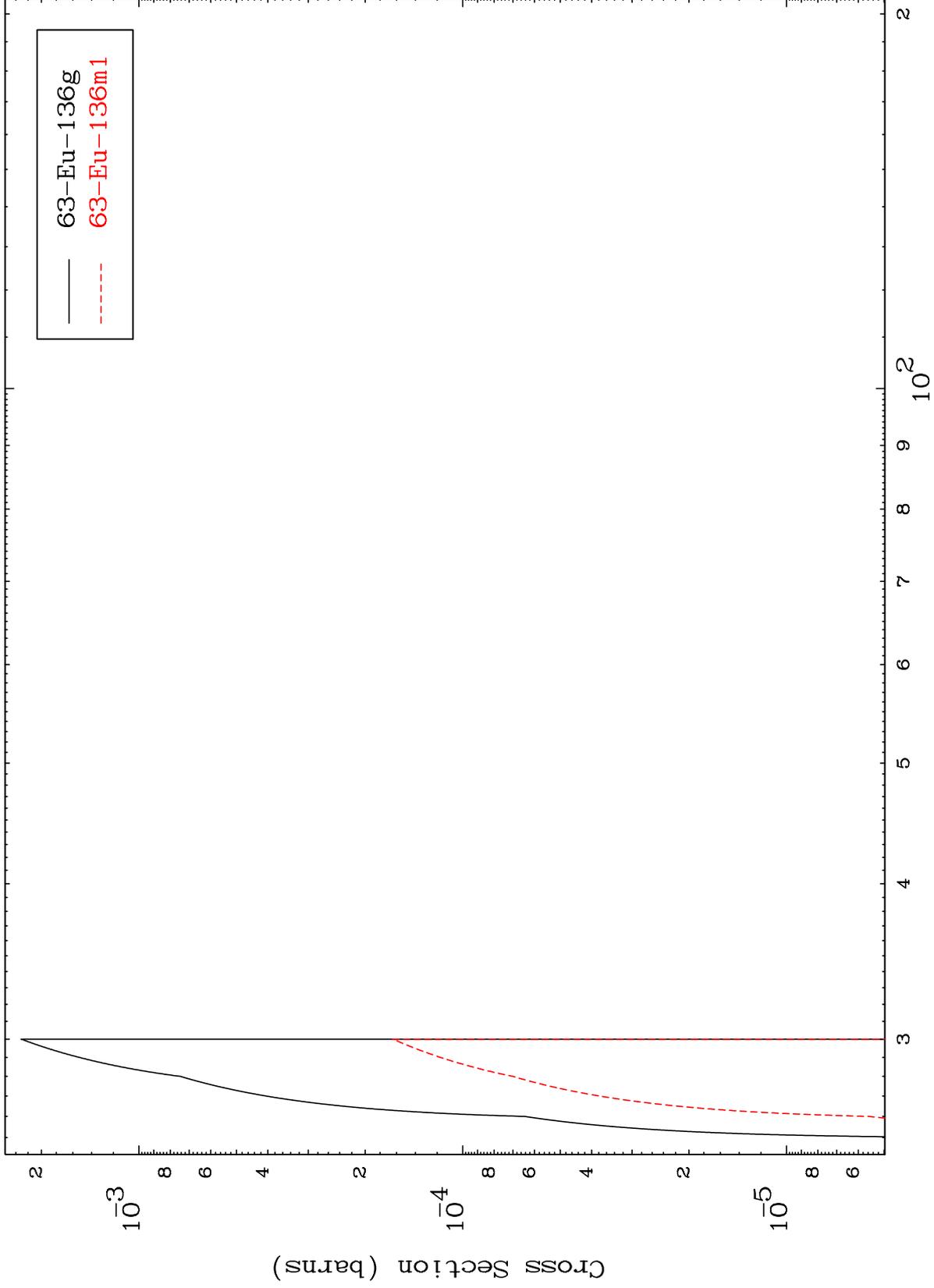
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

(n,2n)  
Radionuclide Production Cross Section



11

61-Pm-134

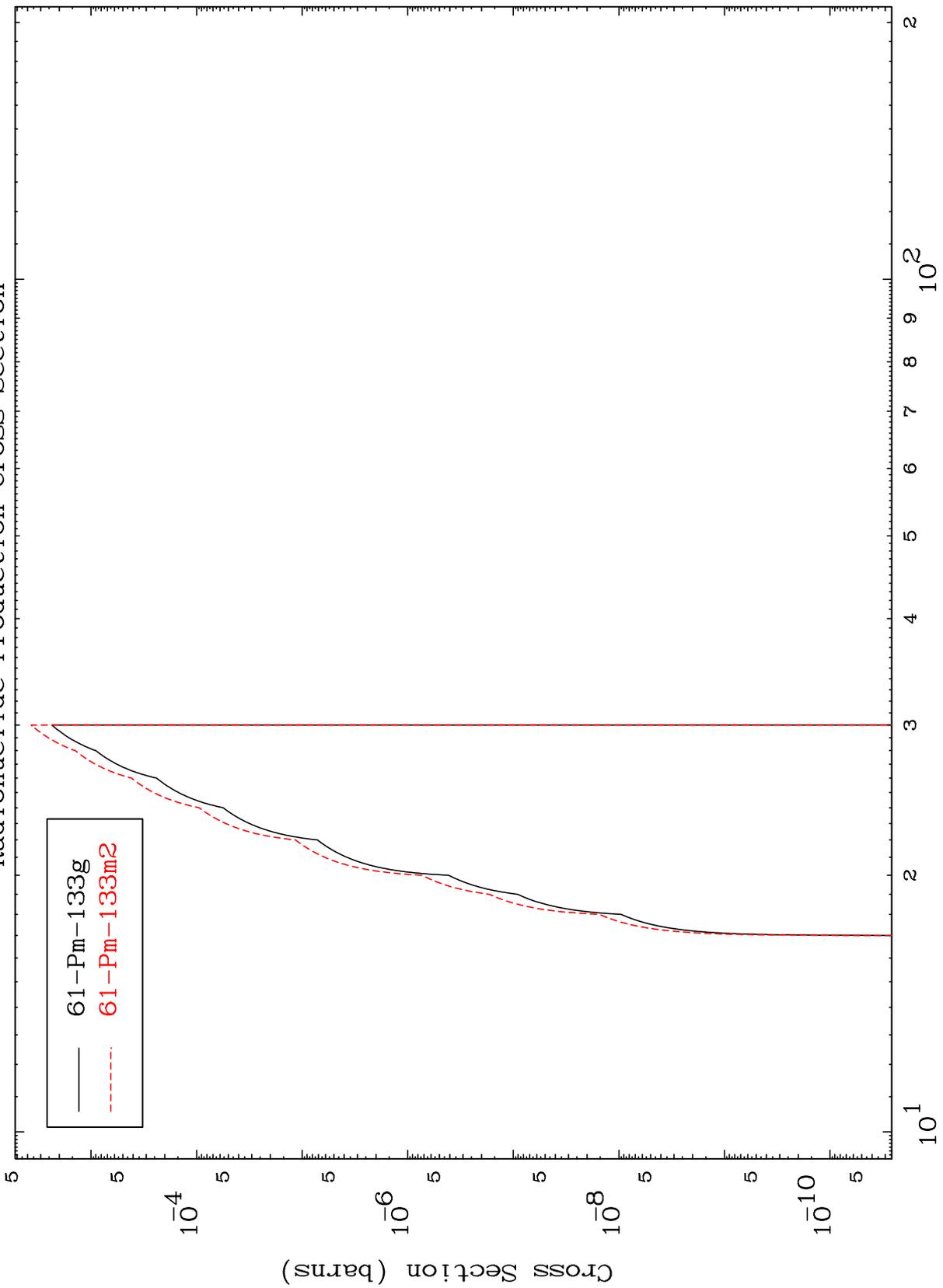
Incident Energy (MeV)

MAT 6110

$(n, n') \alpha$

61-Pm-134

Radionuclide Production Cross Section



Incident Energy (MeV)

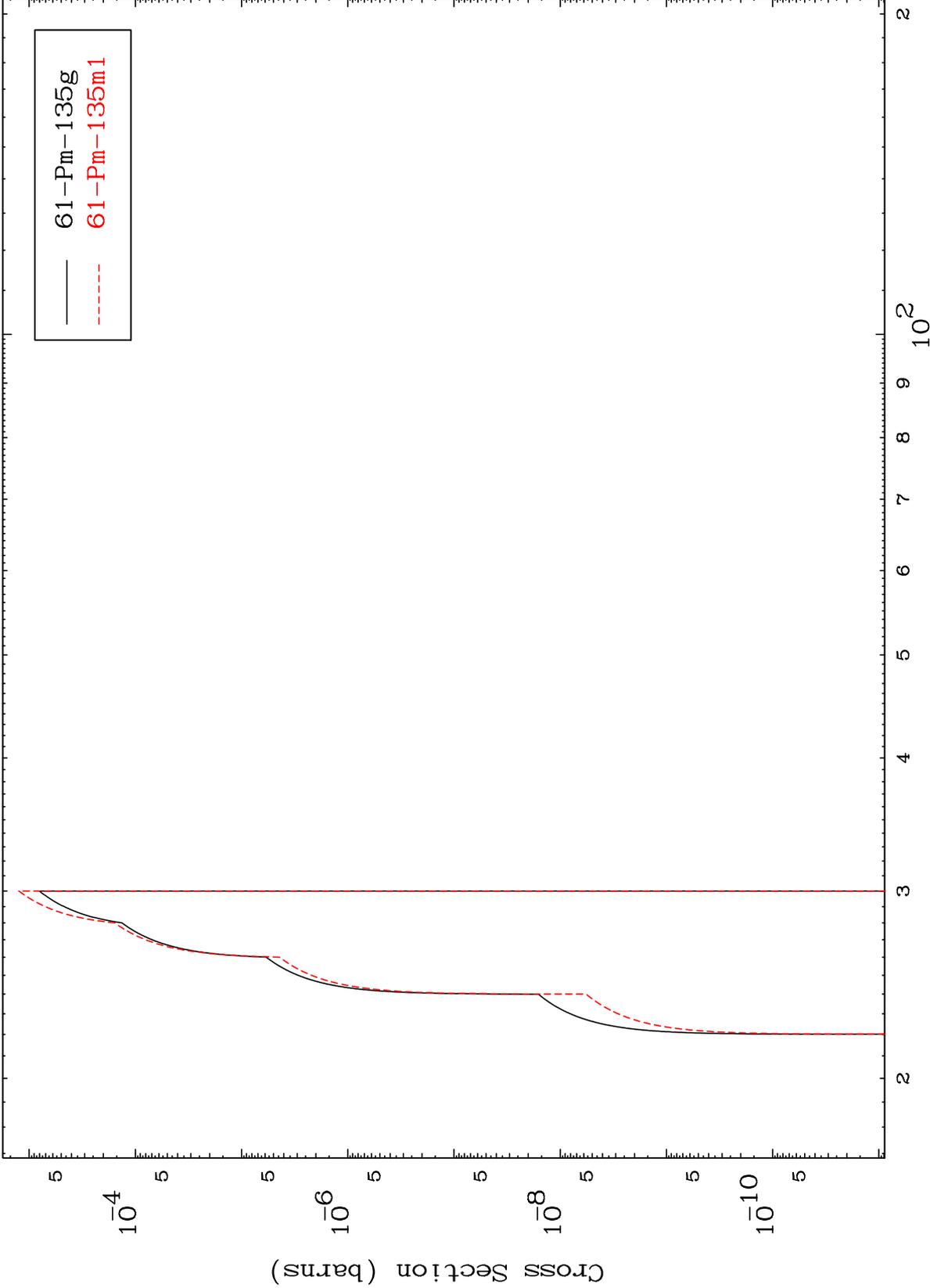
61-Pm-134

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(n,2n) p

61-Pm-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

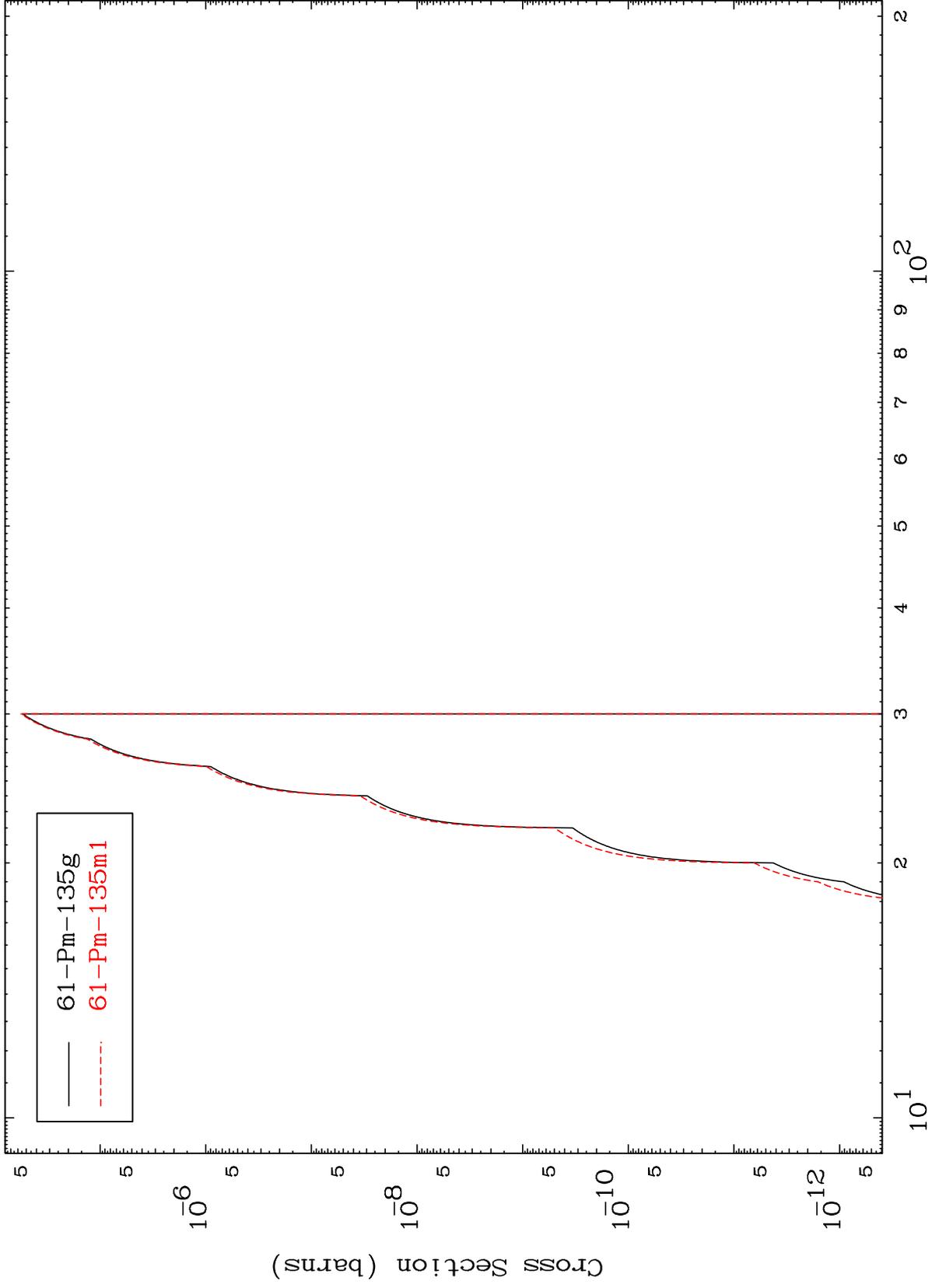
61-Pm-134

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(n,He-3)

61-Pm-134

Radionuclide Production Cross Section



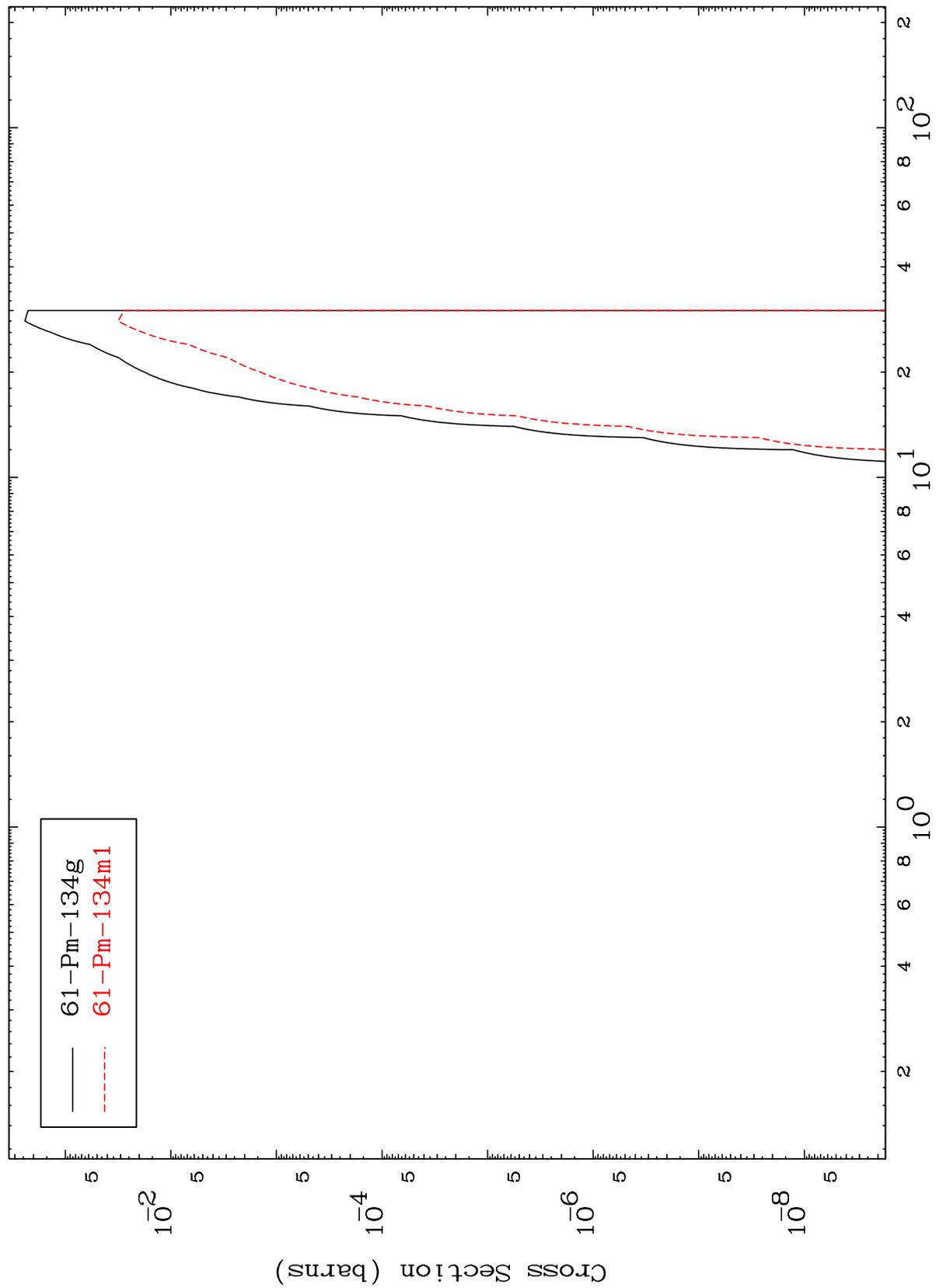
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

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



15

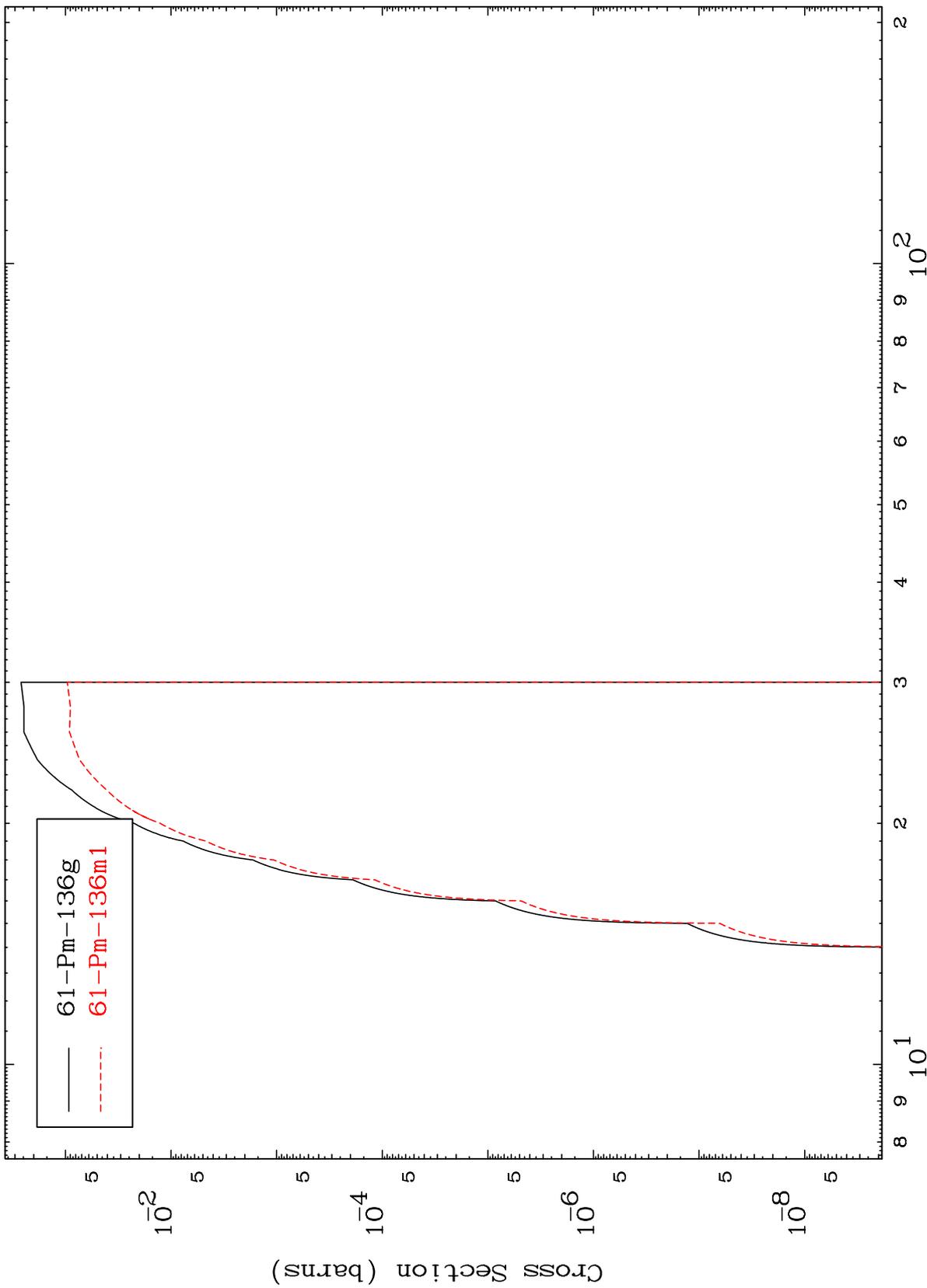
61-Pm-134

Incident Energy (MeV)

MAT 6110

61-Pm-134

(n,2p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

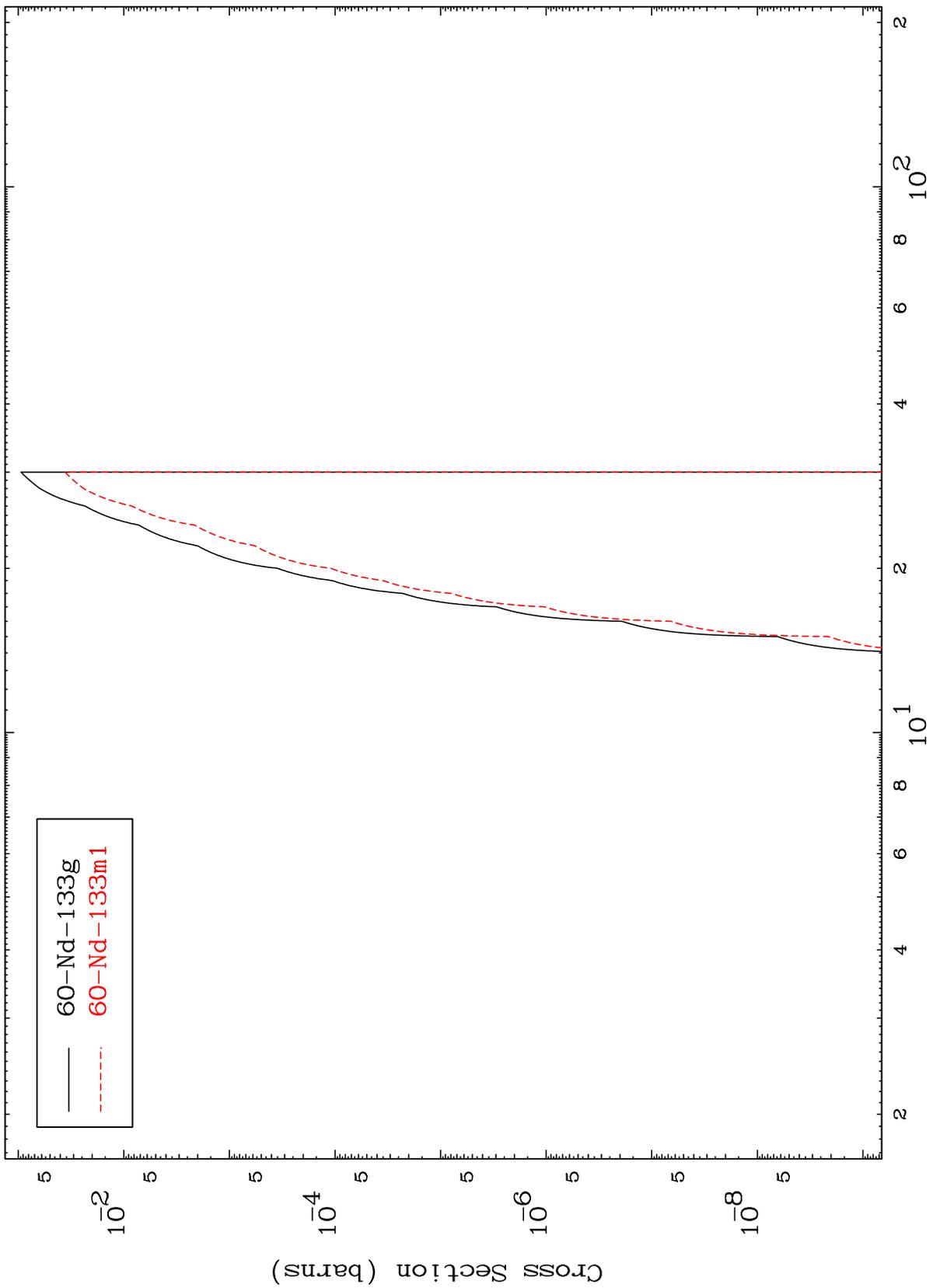
61-Pm-134

MAT 6110

(n,p)  $\alpha$

61-Pm-134

Radionuclide Production Cross Section



60-Nd-133g  
60-Nd-133m1

17

Incident Energy (MeV)

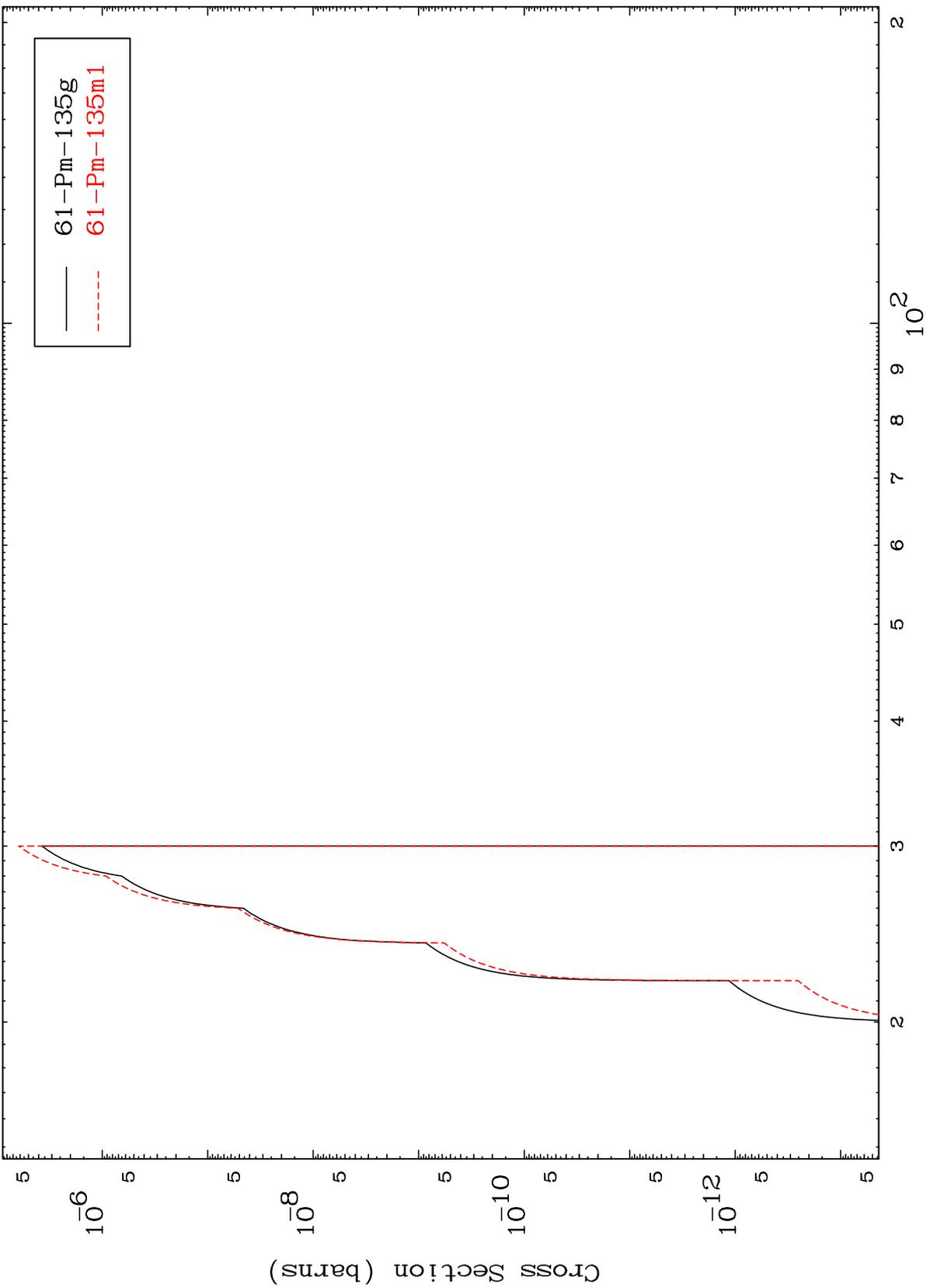
61-Pm-134

MAT 6110

(n,p) d

61-Pm-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

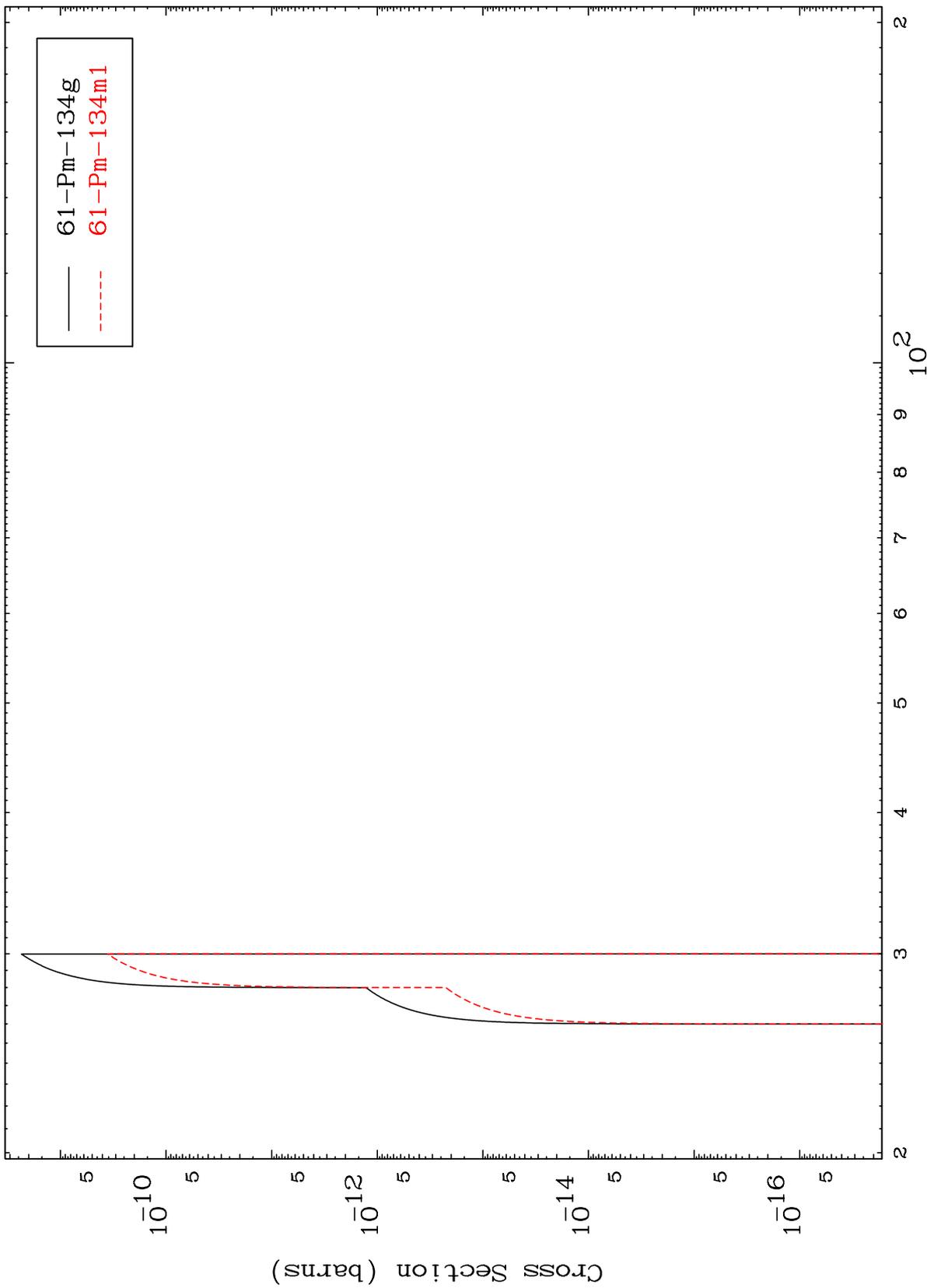
61-Pm-134

MAT 6110

(n,p) t

61-Pm-134

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-134