

Program EVALPLOT  
(Version 2021-1)

by

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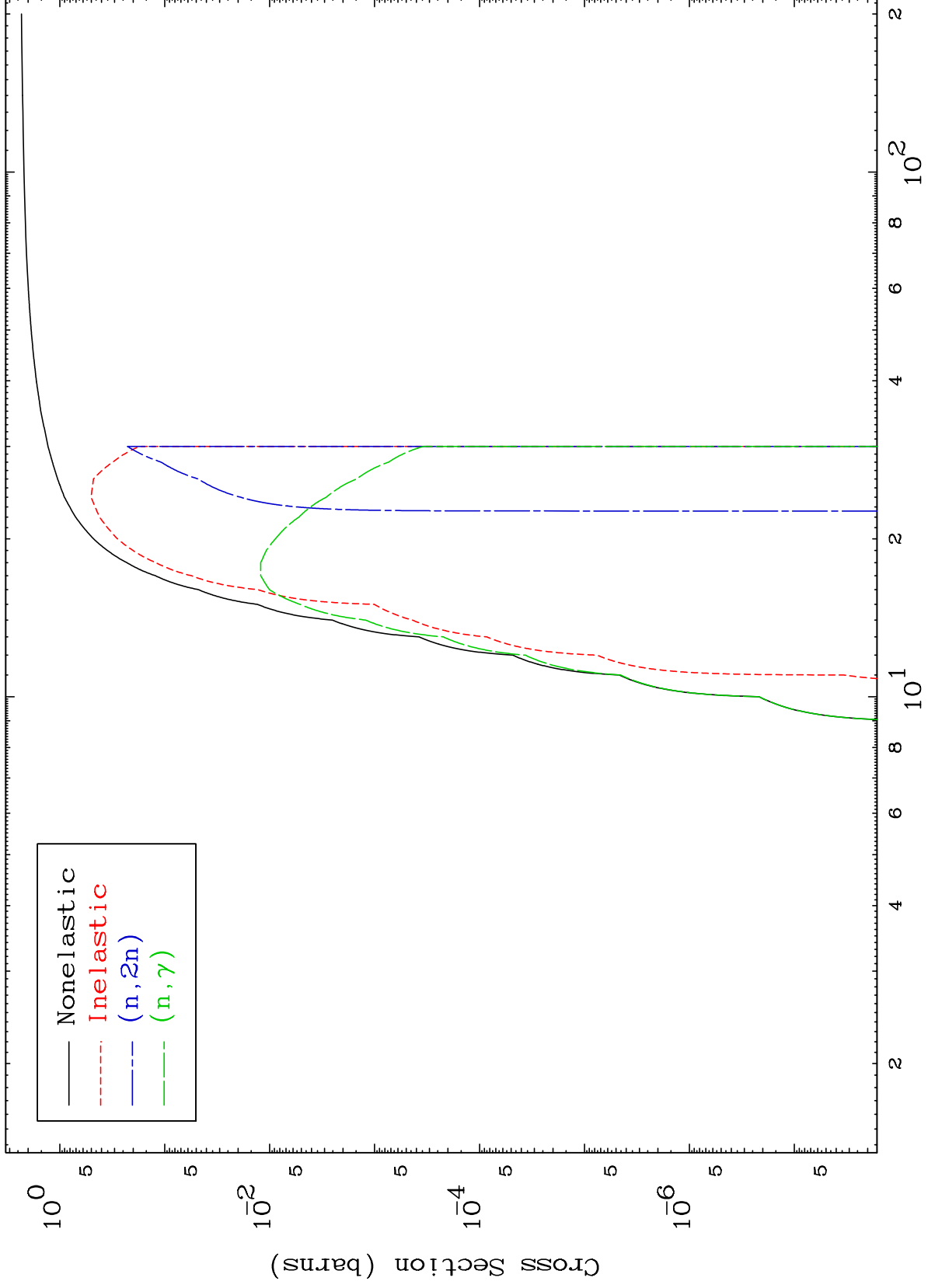
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6004

0 Kelvin Cross Sections

60-Nd-135



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

60-Nd-135

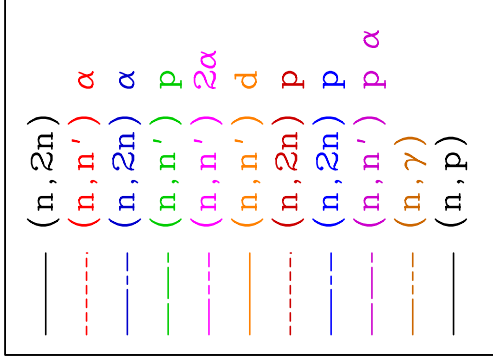
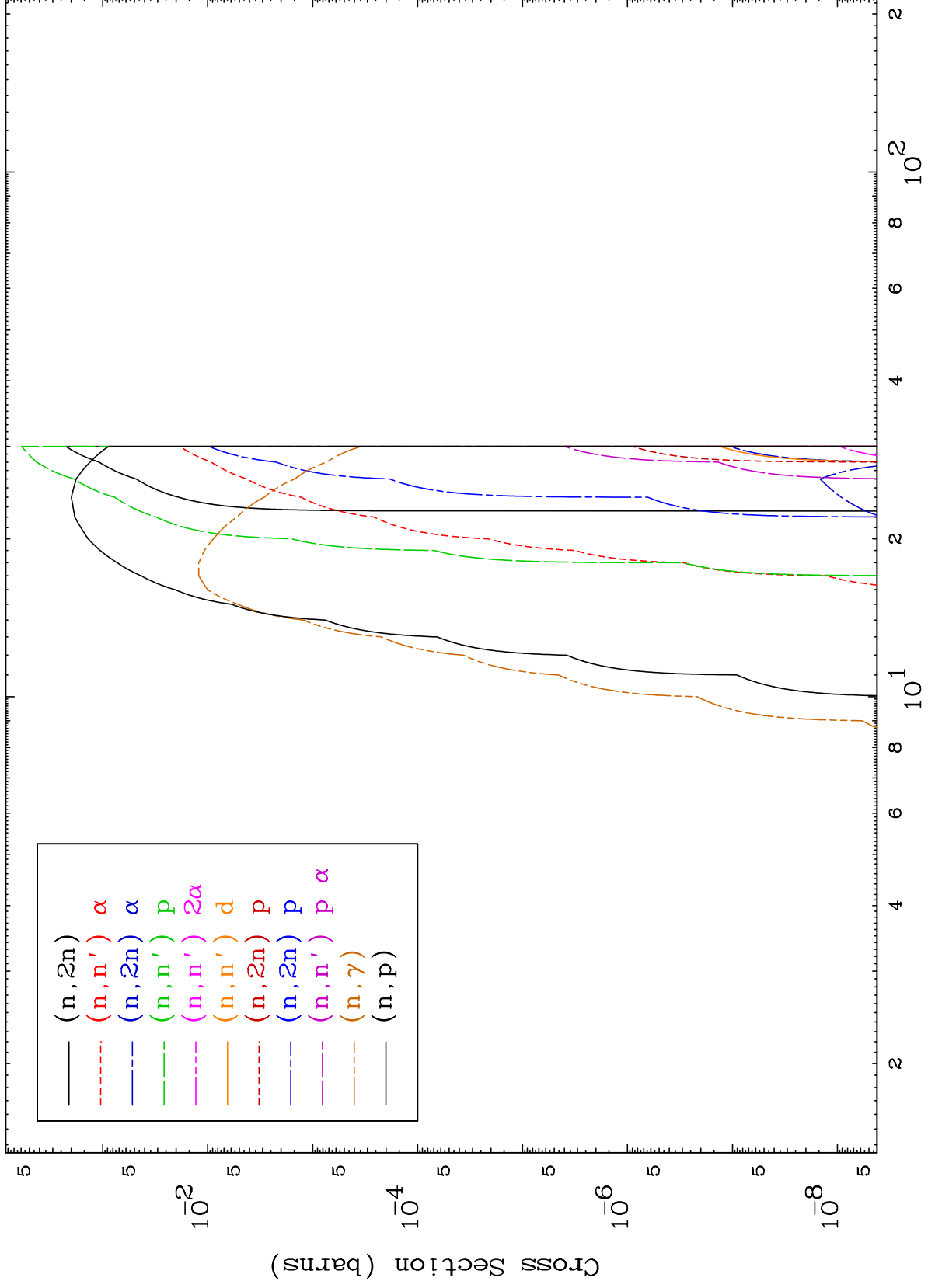
Incident Energy (MeV)

1

MAT 6004

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

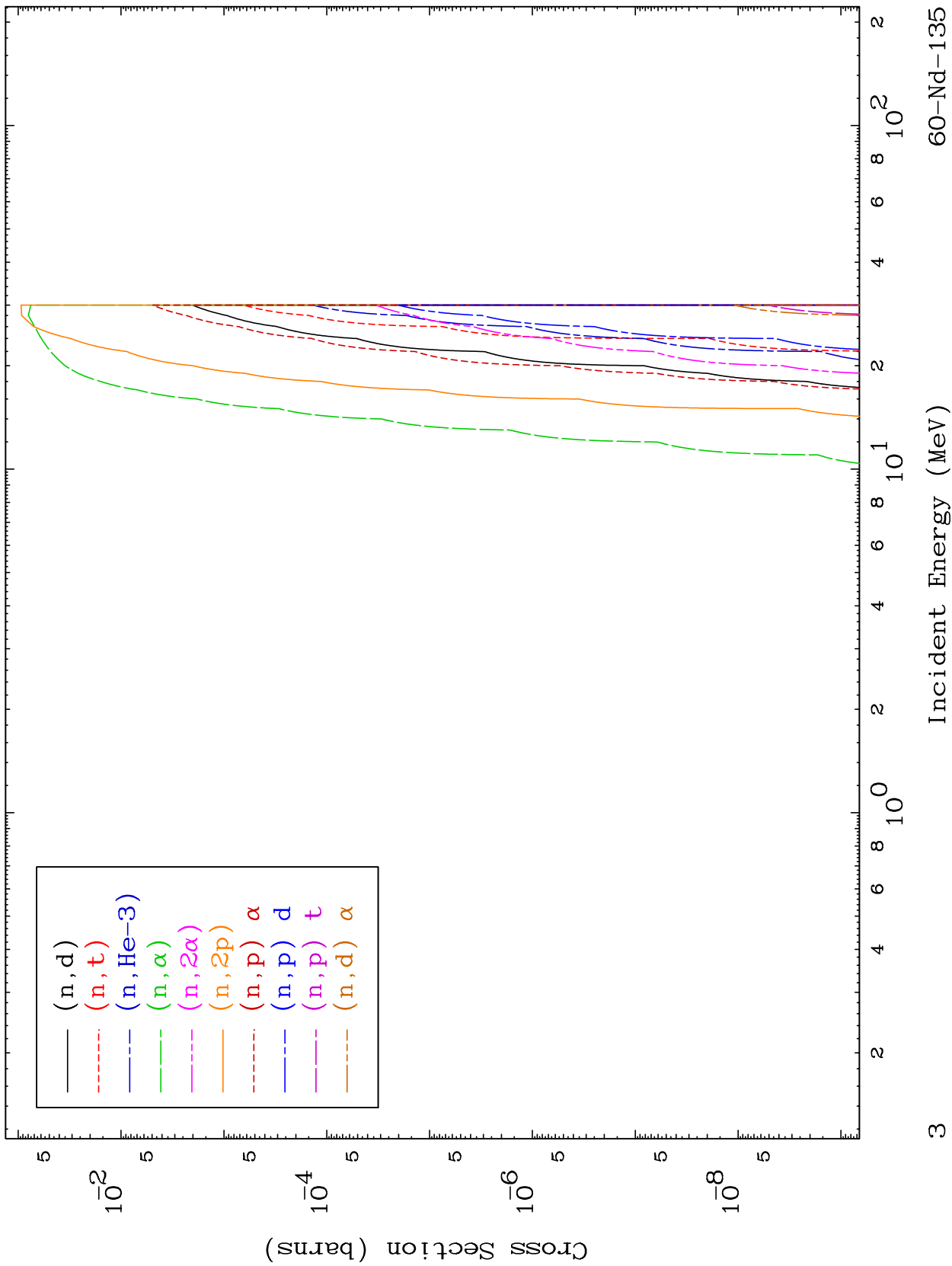
60-Nd-135

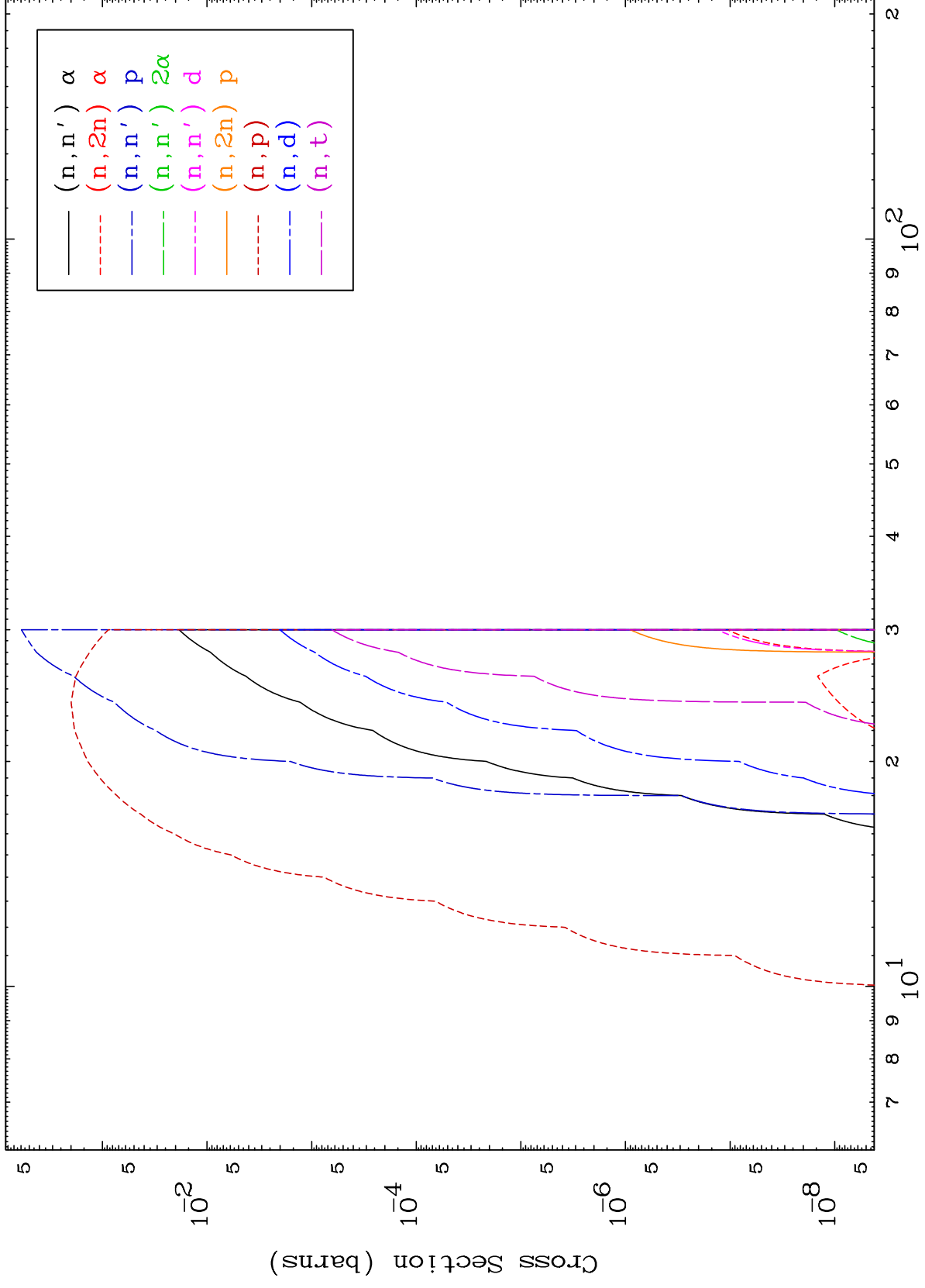


MAT 6004

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-135

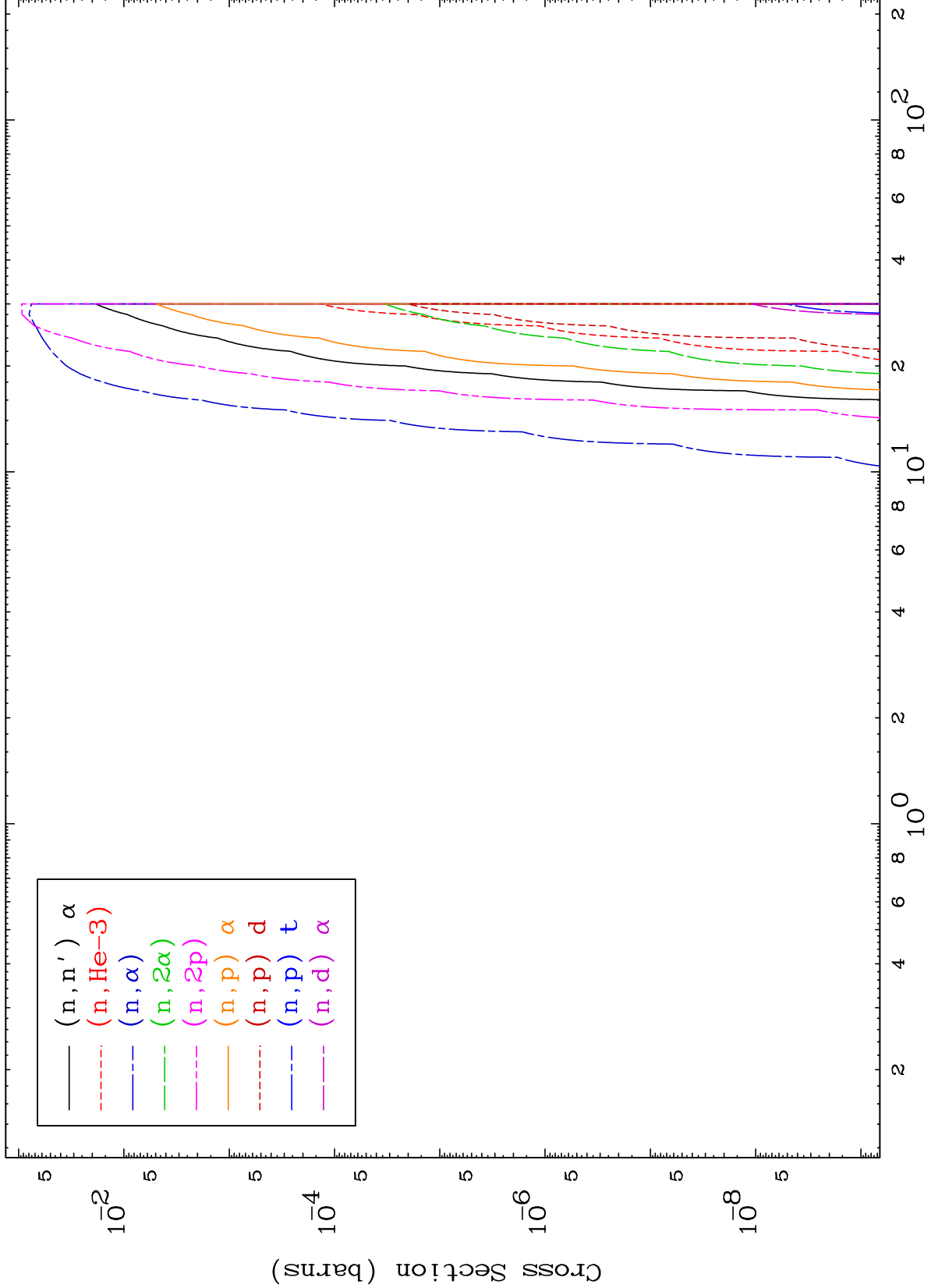




MAT 6004

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

60-Nd-135



5

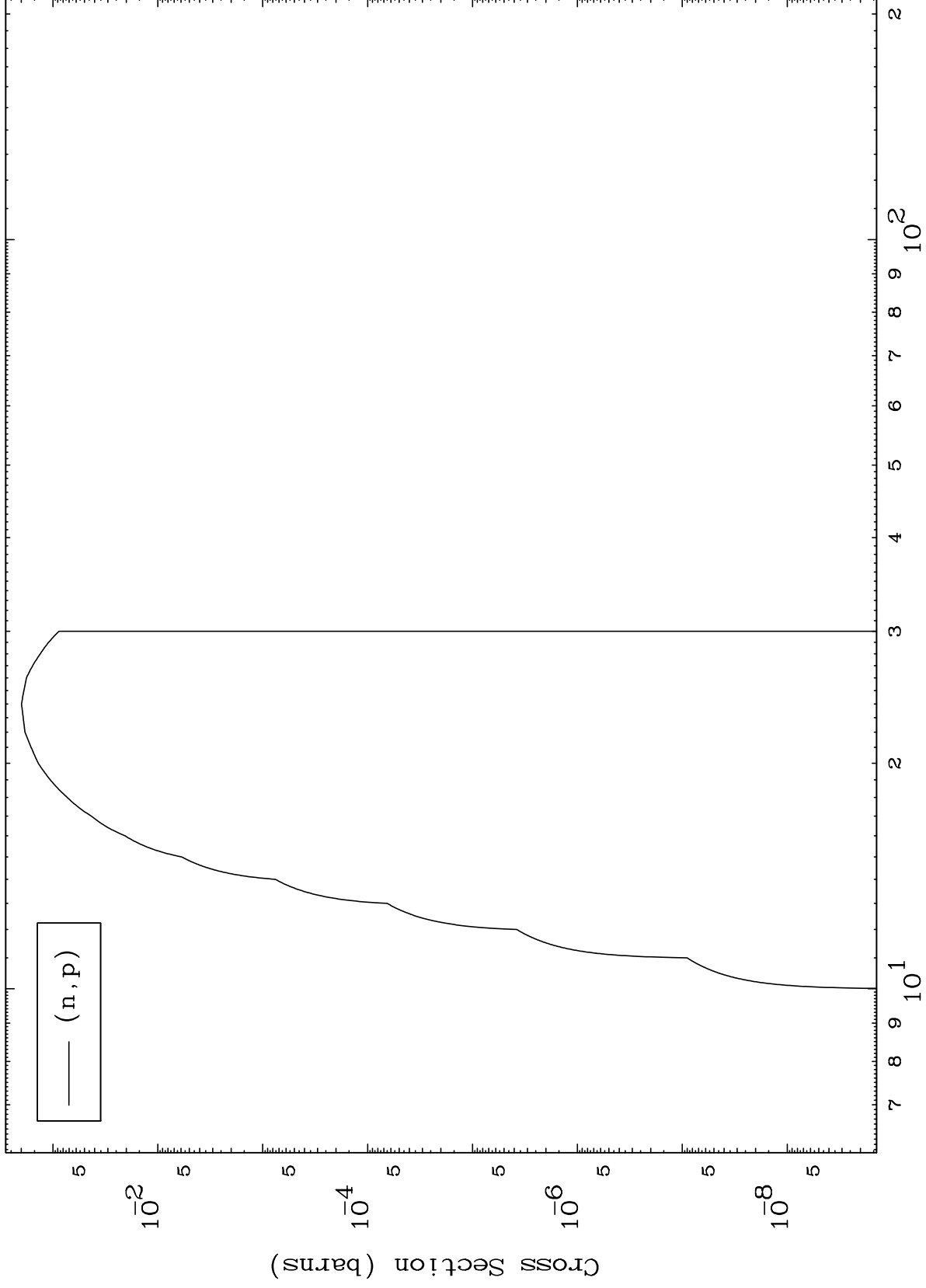
Incident Energy (MeV)

60-Nd-135

MAT 6004

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

60-Nd-135



6

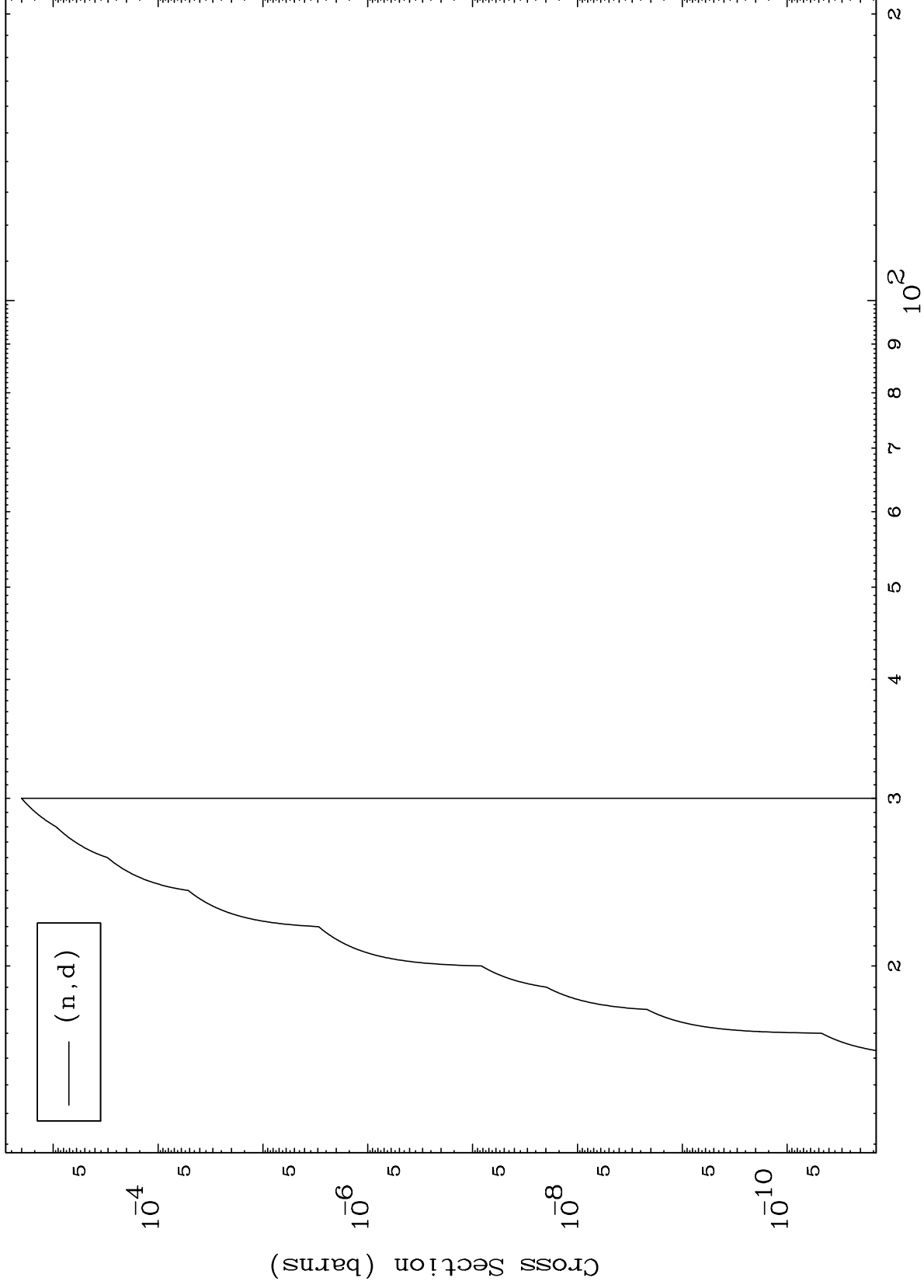
Incident Energy (MeV)

60-Nd-135

MAT 6004

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

$^{60}\text{Nd}-135$



7

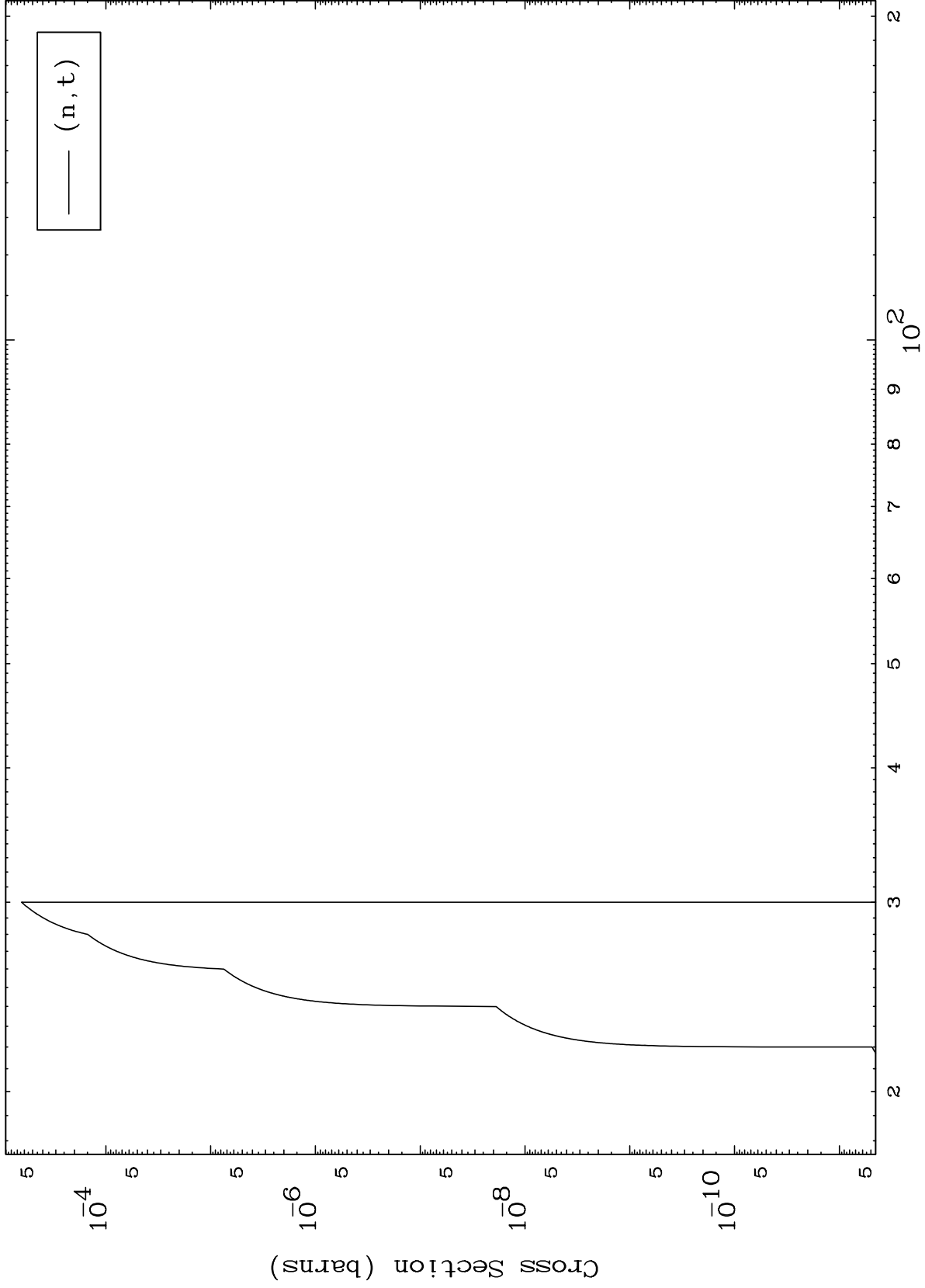
Incident Energy (MeV)

$^{60}\text{Nd}-135$

MAT 6004

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

60-Nd-135



8

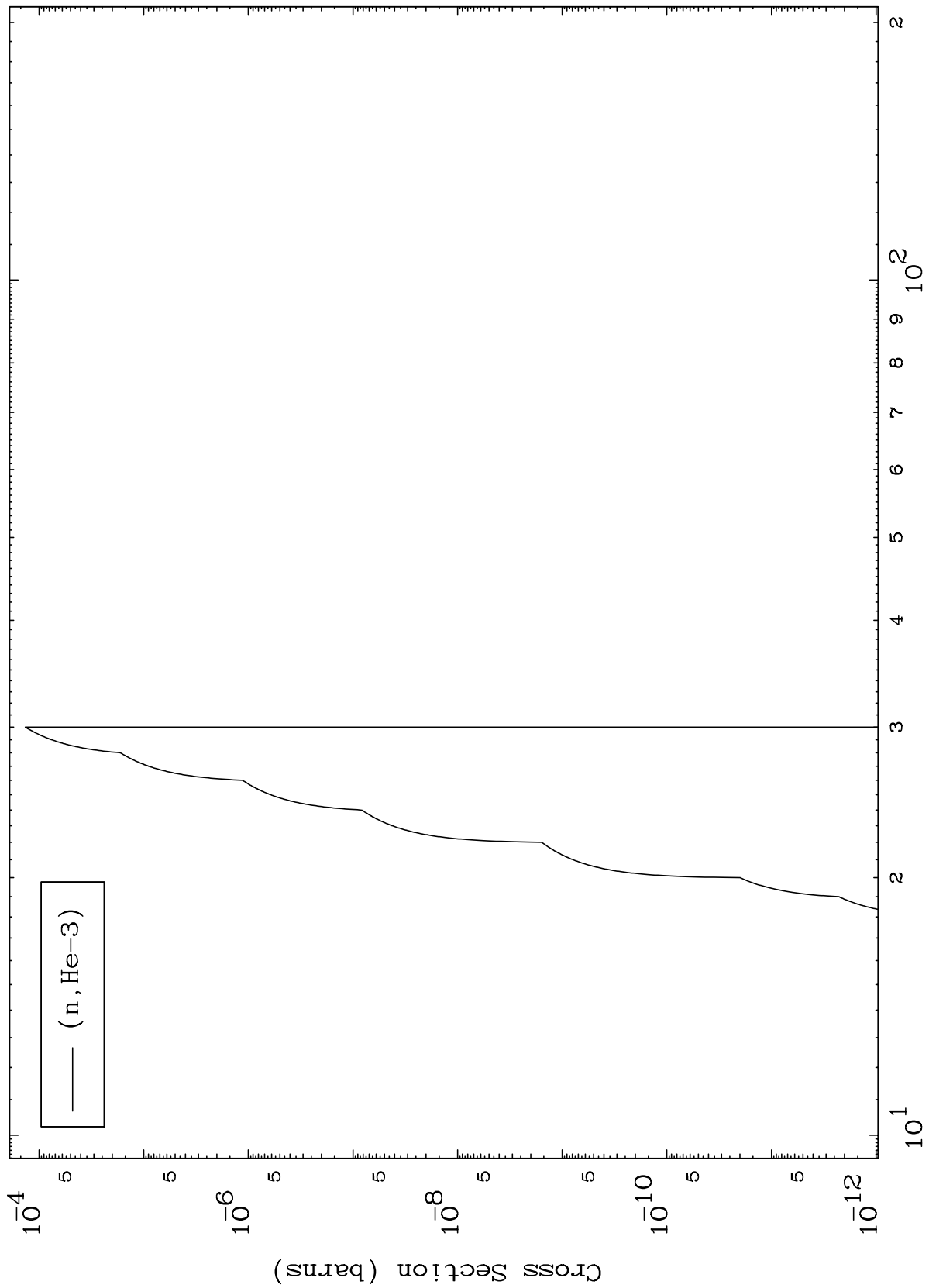
Incident Energy (MeV)

60-Nd-135

MAT 6004

60-Nd-135

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



60-Nd-135

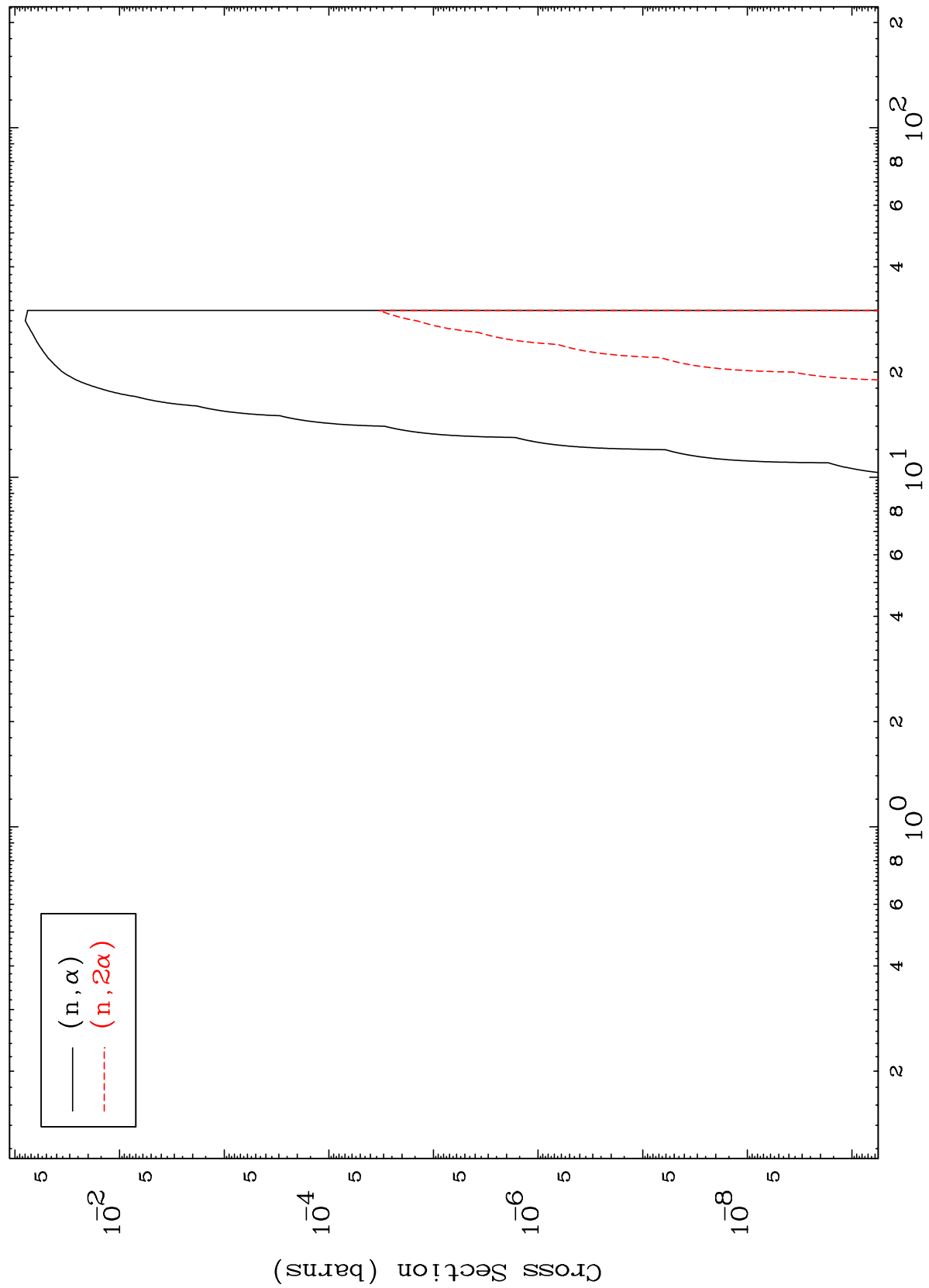
Incident Energy (MeV)

9

MAT 6004

60-Nd-135

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



10

Incident Energy (MeV)

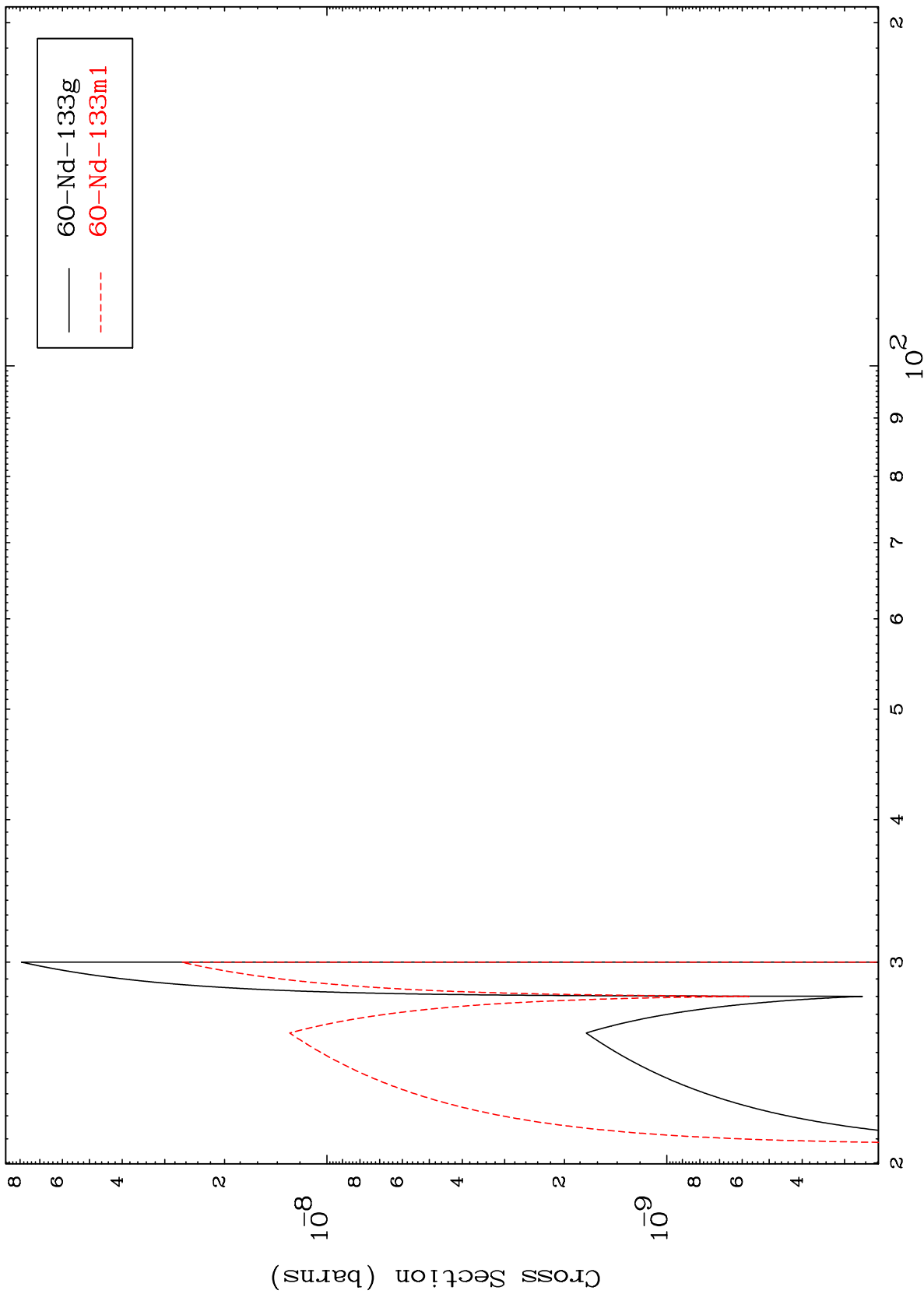
60-Nd-135

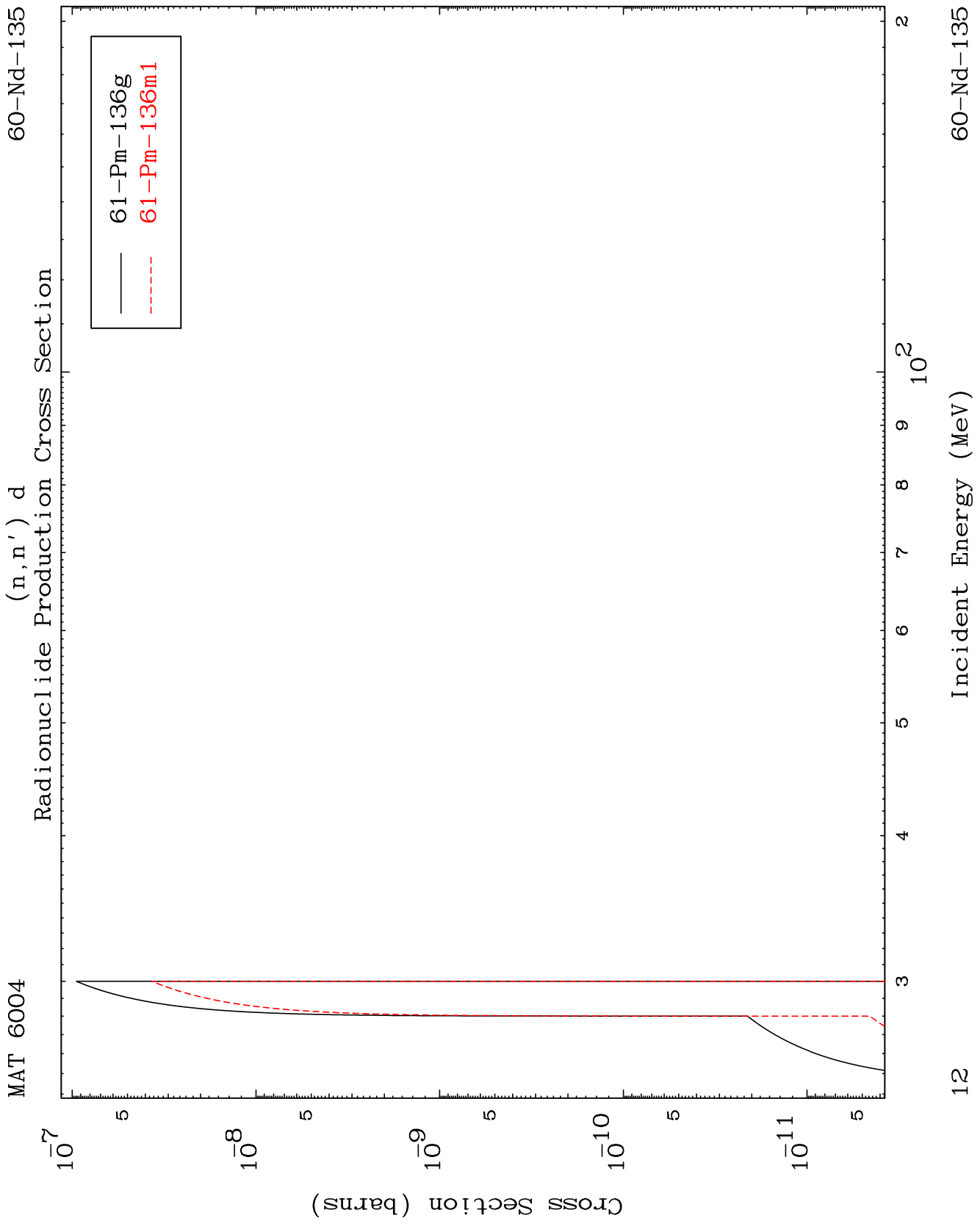
MAT 6004

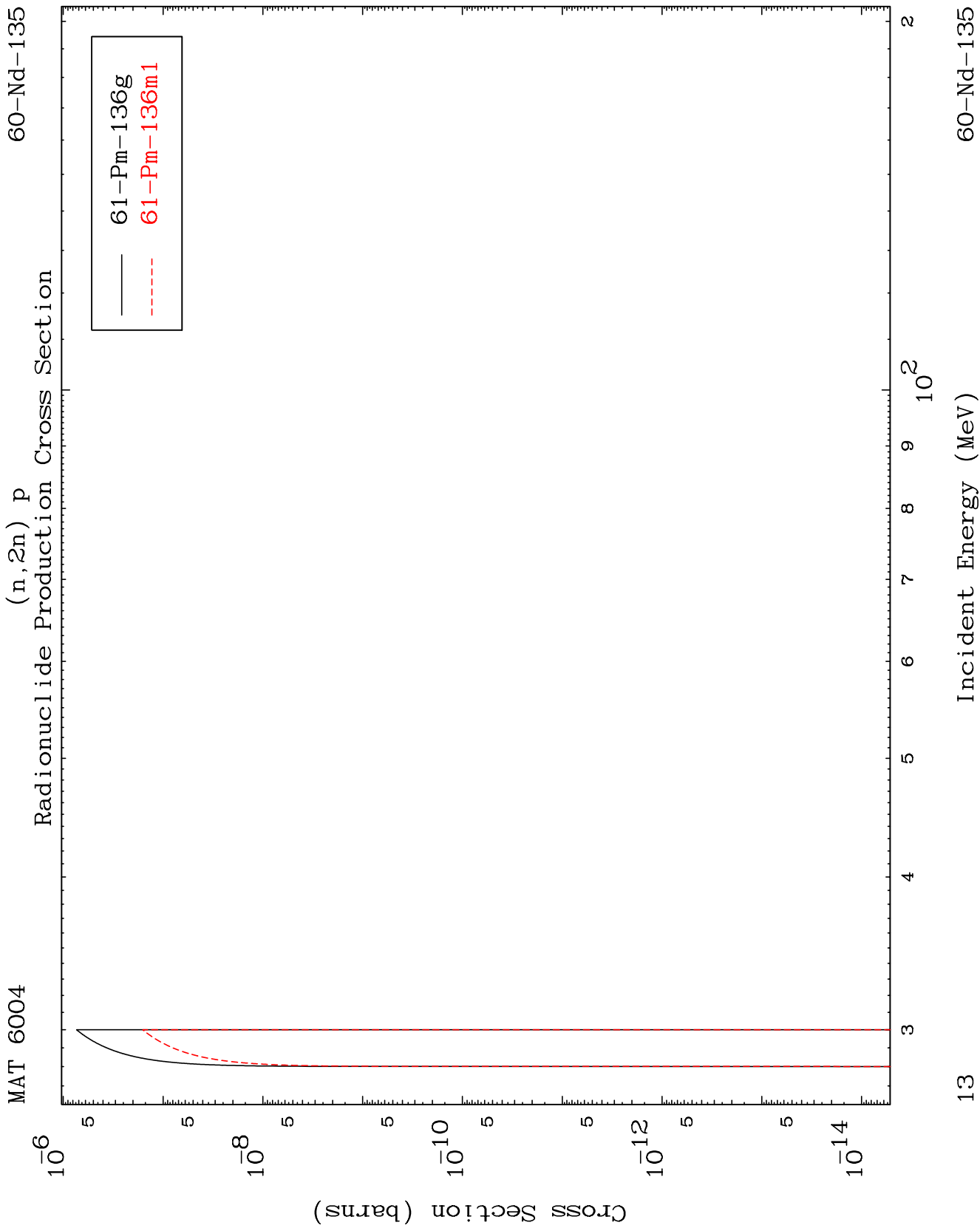
$(n,2n) \alpha$

$^{60}\text{Nd-135}$

Radionuclide Production Cross Section





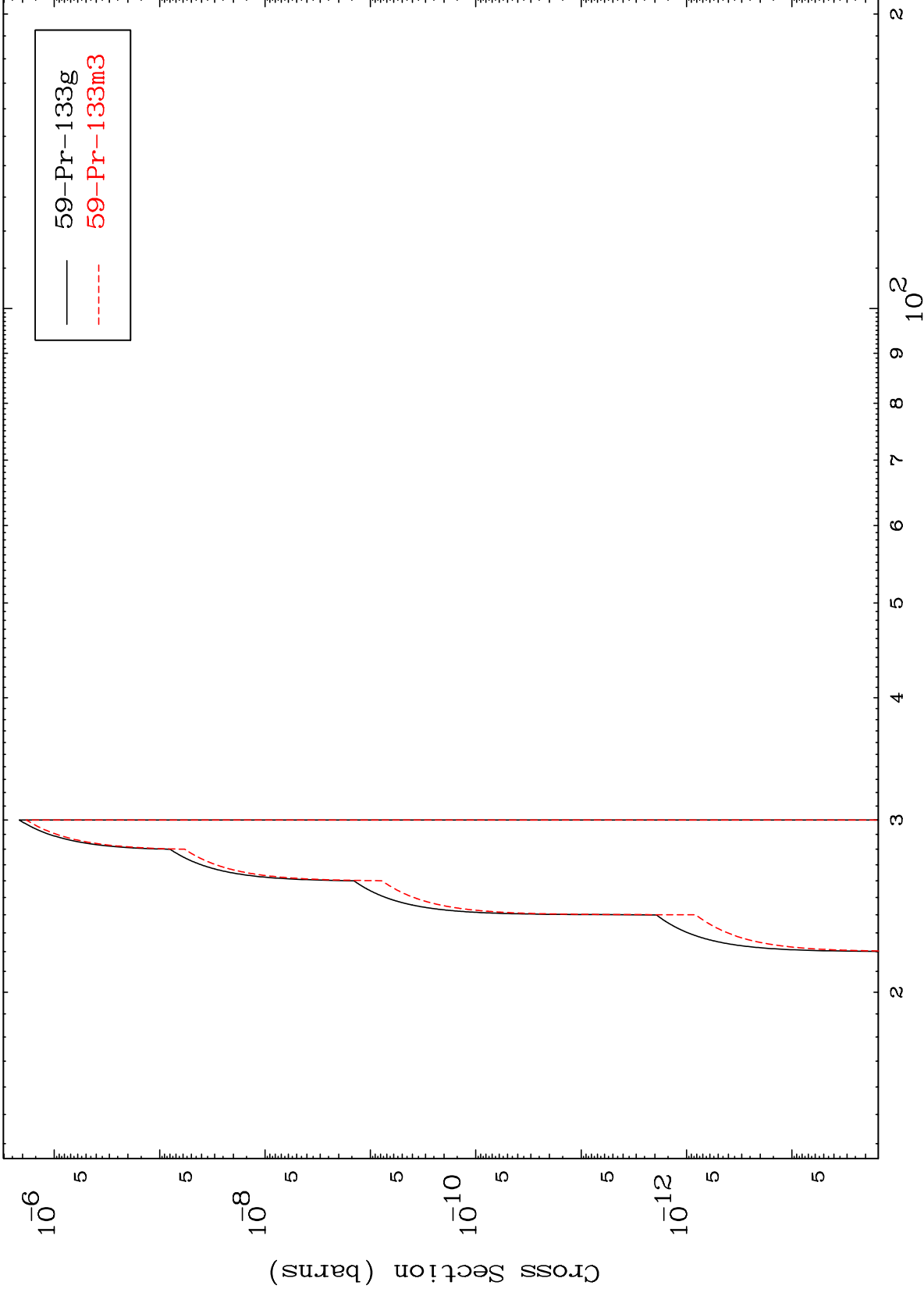


MAT 6004

(n,n') p  $\alpha$

60-Nd-135

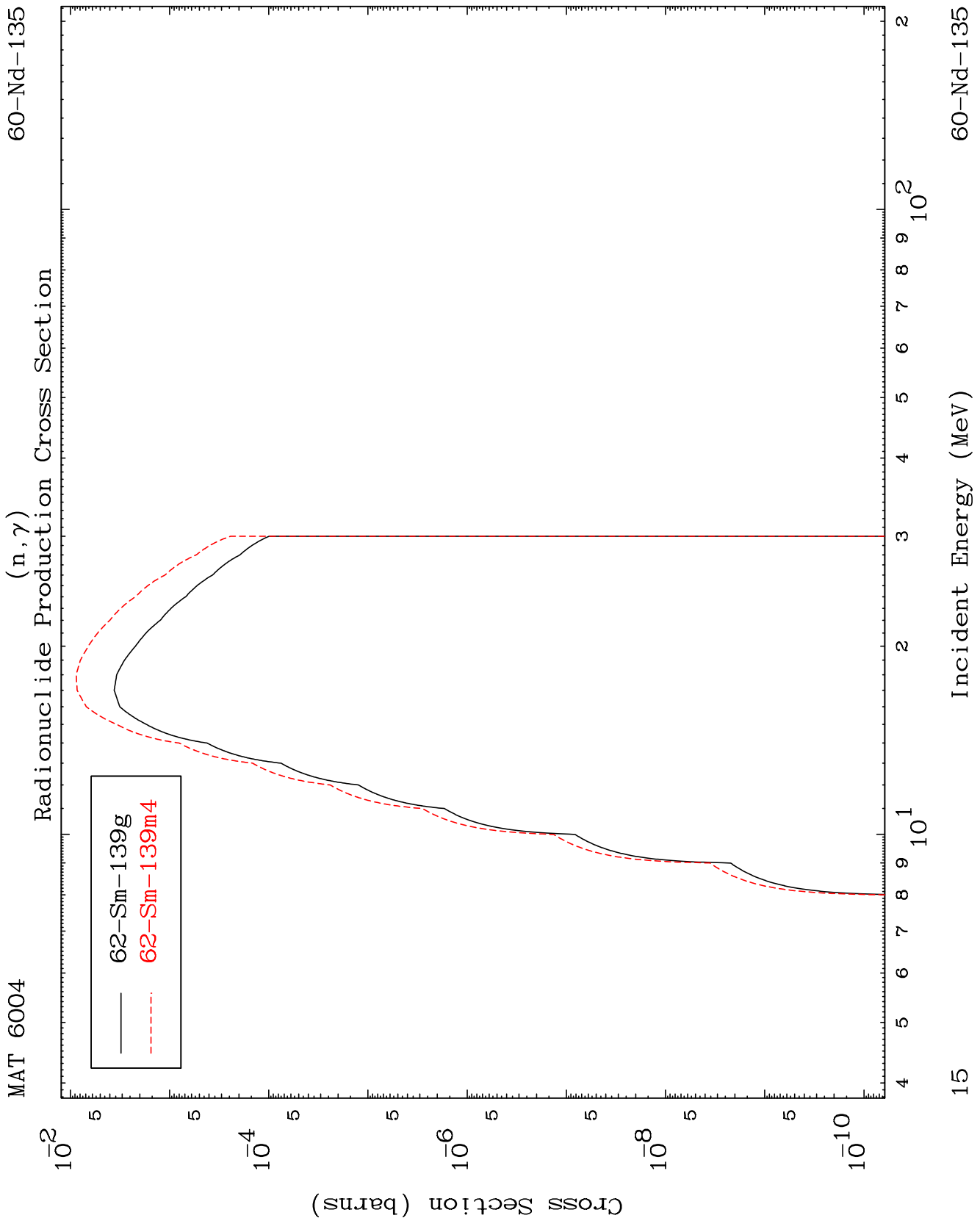
Radionuclide Production Cross Section



14

Incident Energy (MeV)

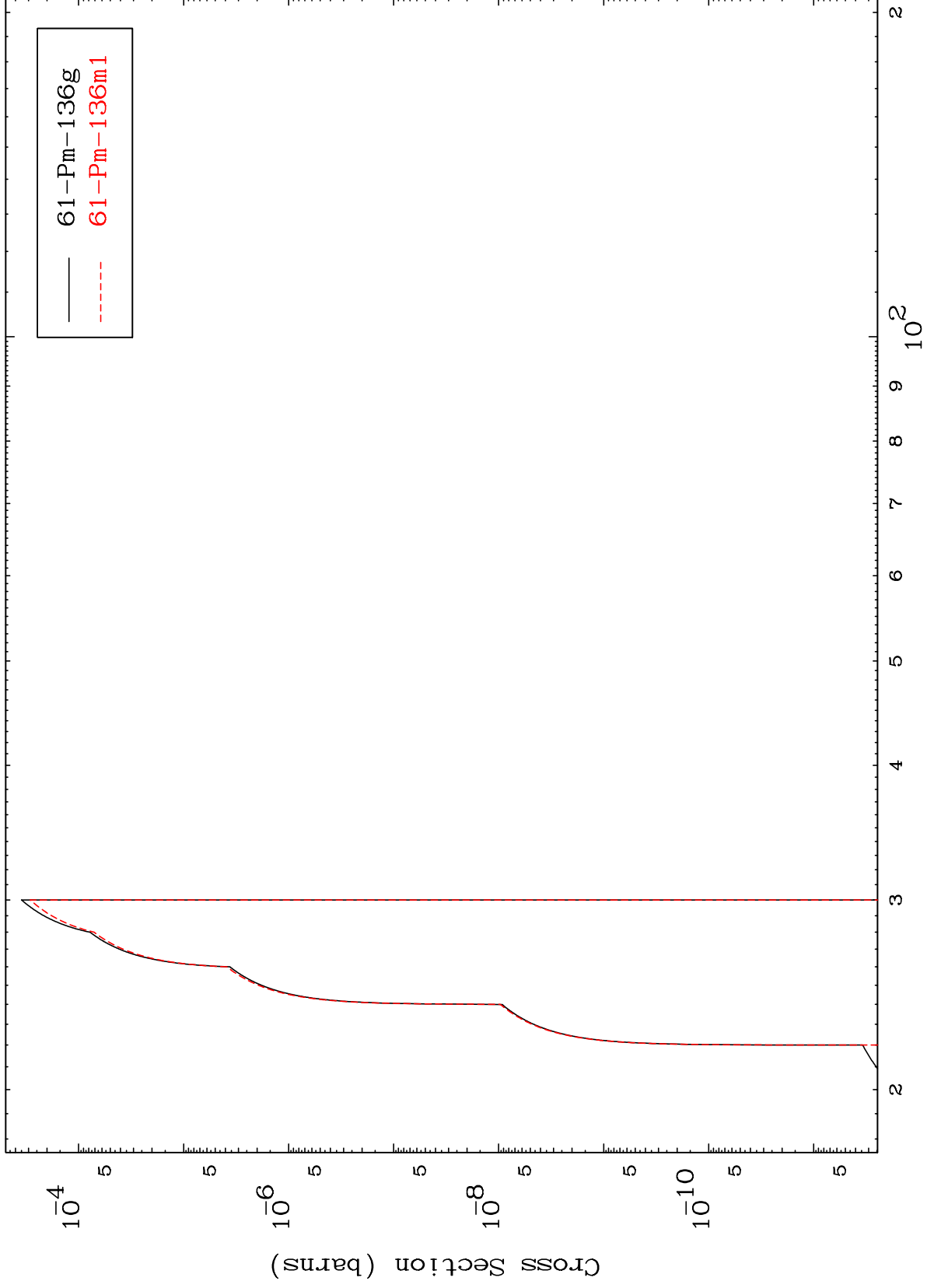
60-Nd-135



MAT 6004

60-Nd-135

(n,t)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

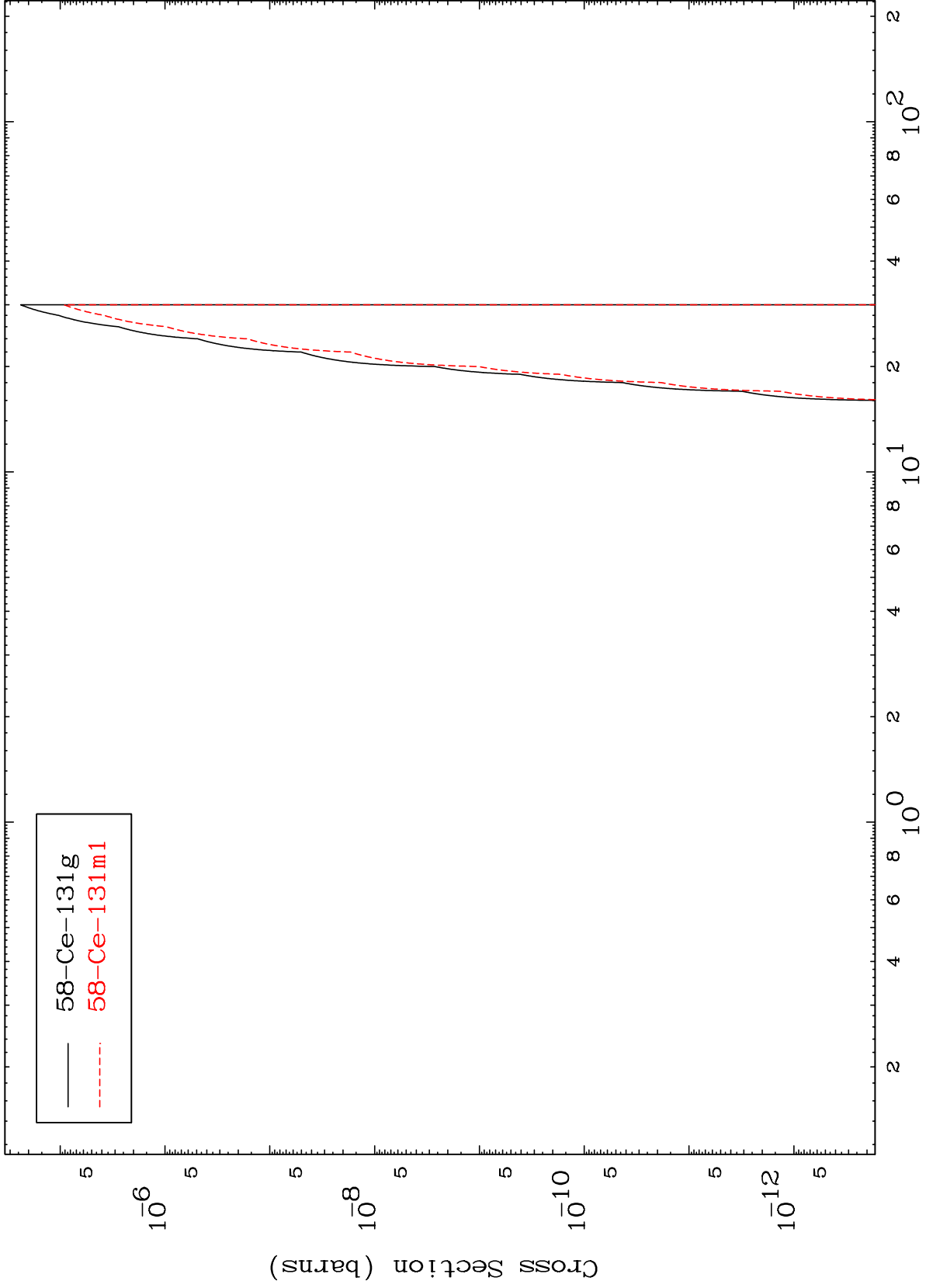
60-Nd-135

MAT 6004

(n,2 $\alpha$ )

60-Nd-135

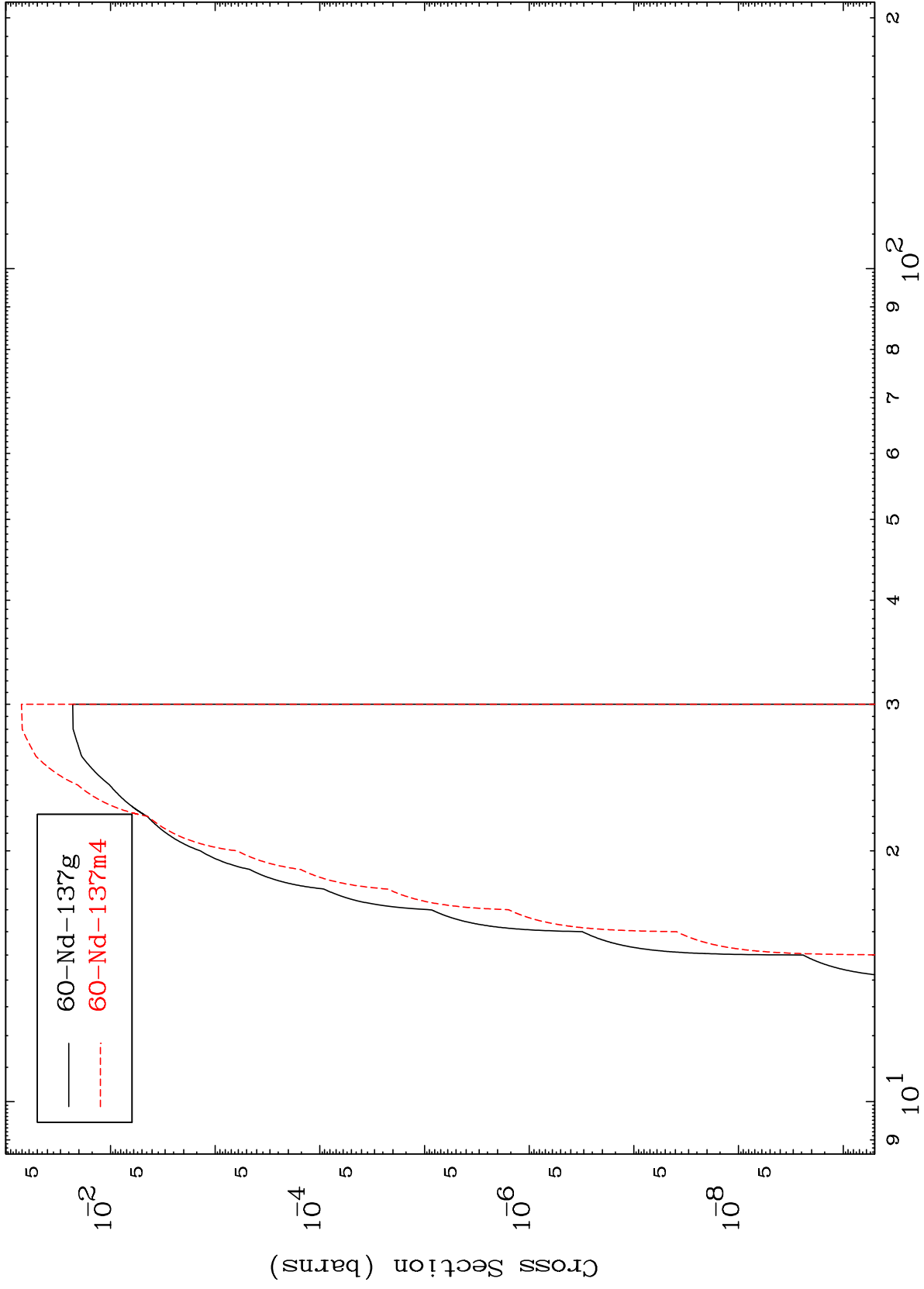
Radionuclide Production Cross Section



MAT 6004

60-Nd-135

(n,2p)  
Radionuclide Production Cross Section



60-Nd-135

Incident Energy (MeV)

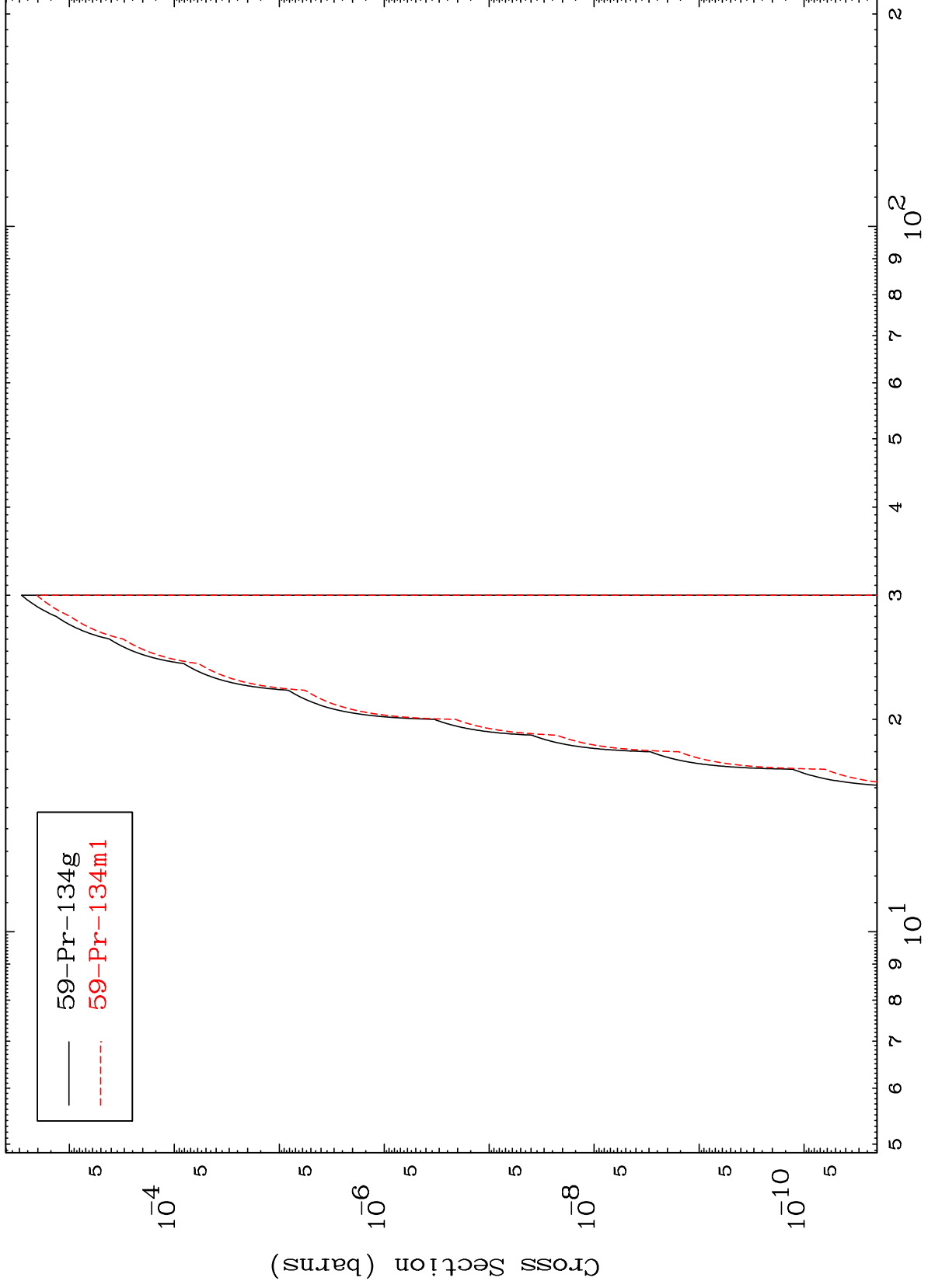
18

MAT 6004

(n,p)  $\alpha$

60-Nd-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

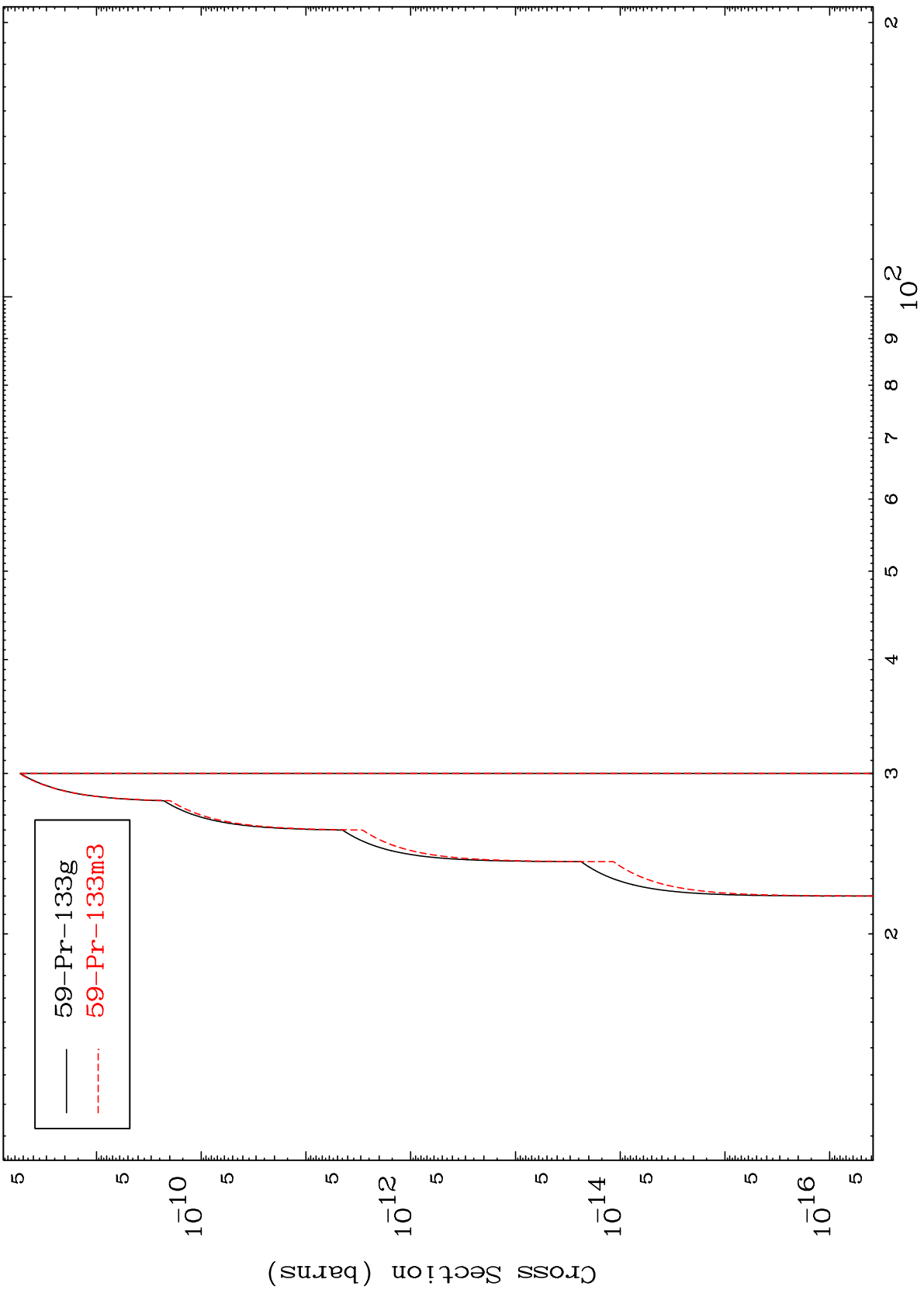
60-Nd-135

MAT 6004

(n,d)  $\alpha$

60-Nd-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-135