

Program EVALPLOT  
(Version 2021-1)

by

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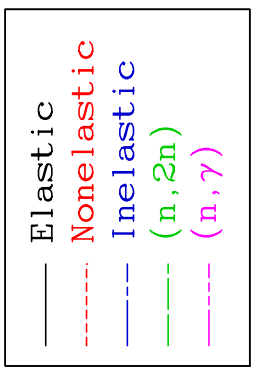
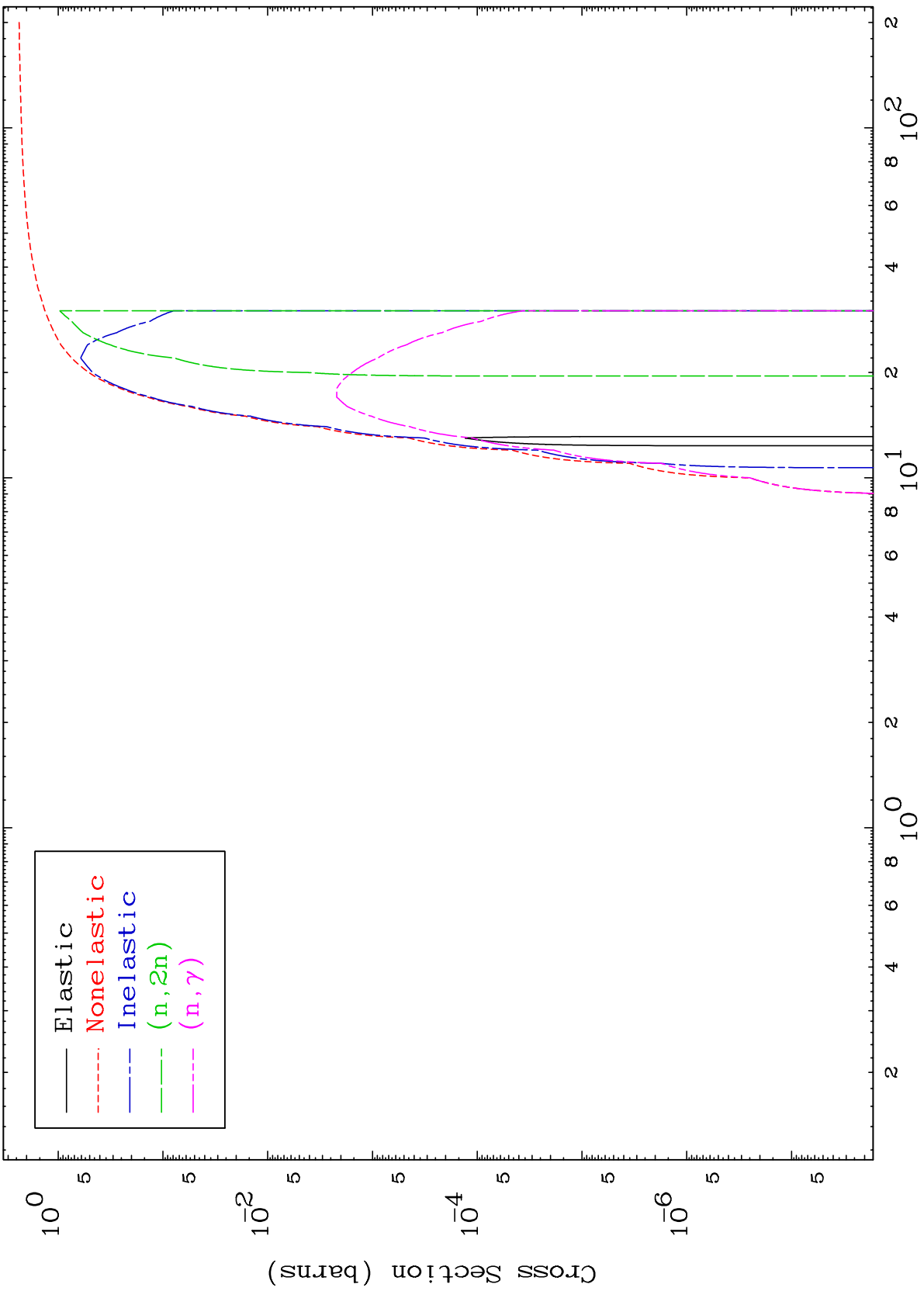
Press Mouse Button to Start

MAT 6019

$\alpha$  Major

60-Nd-140

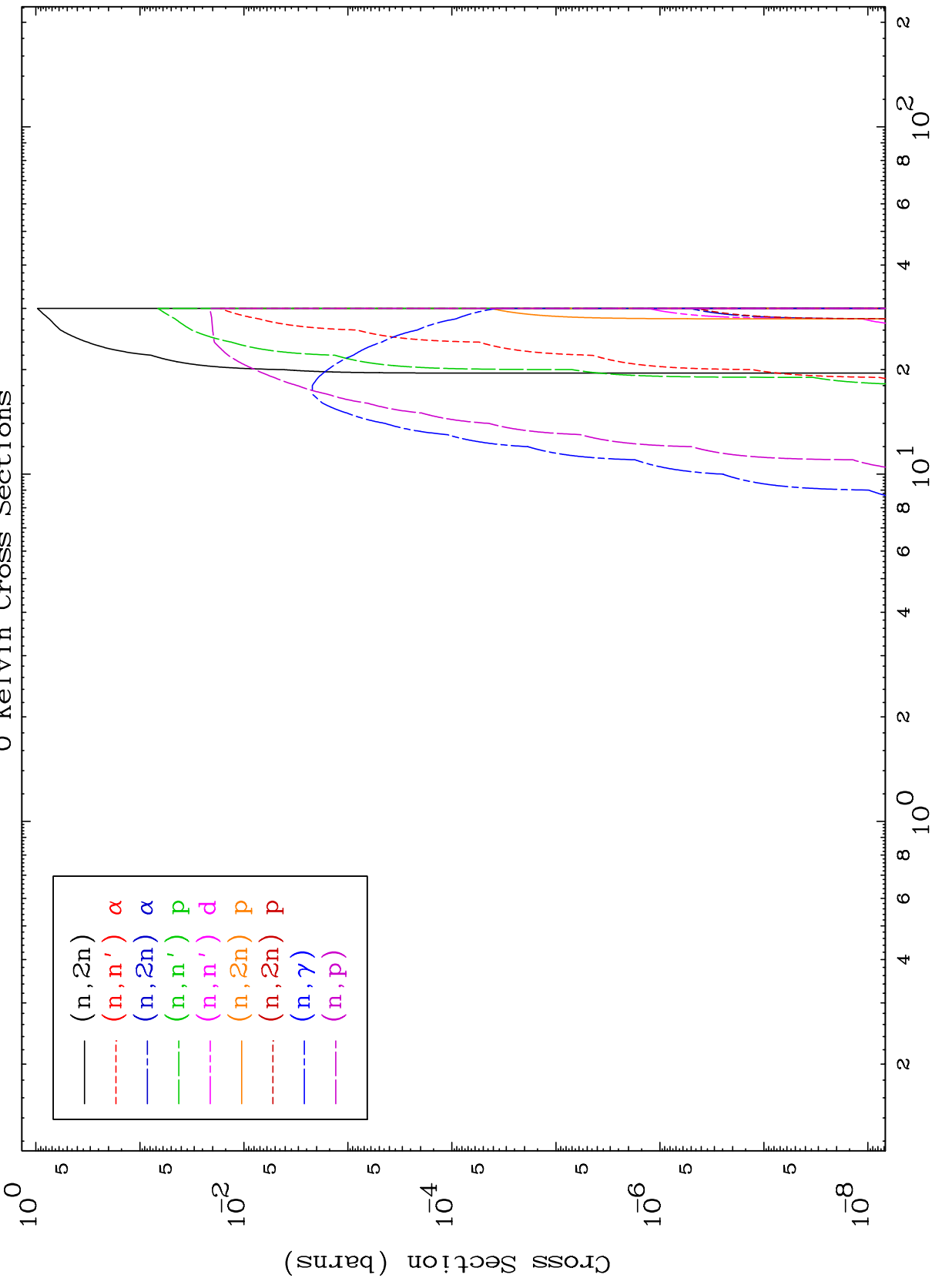
0 Kelvin Cross Sections



MAT 6019

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

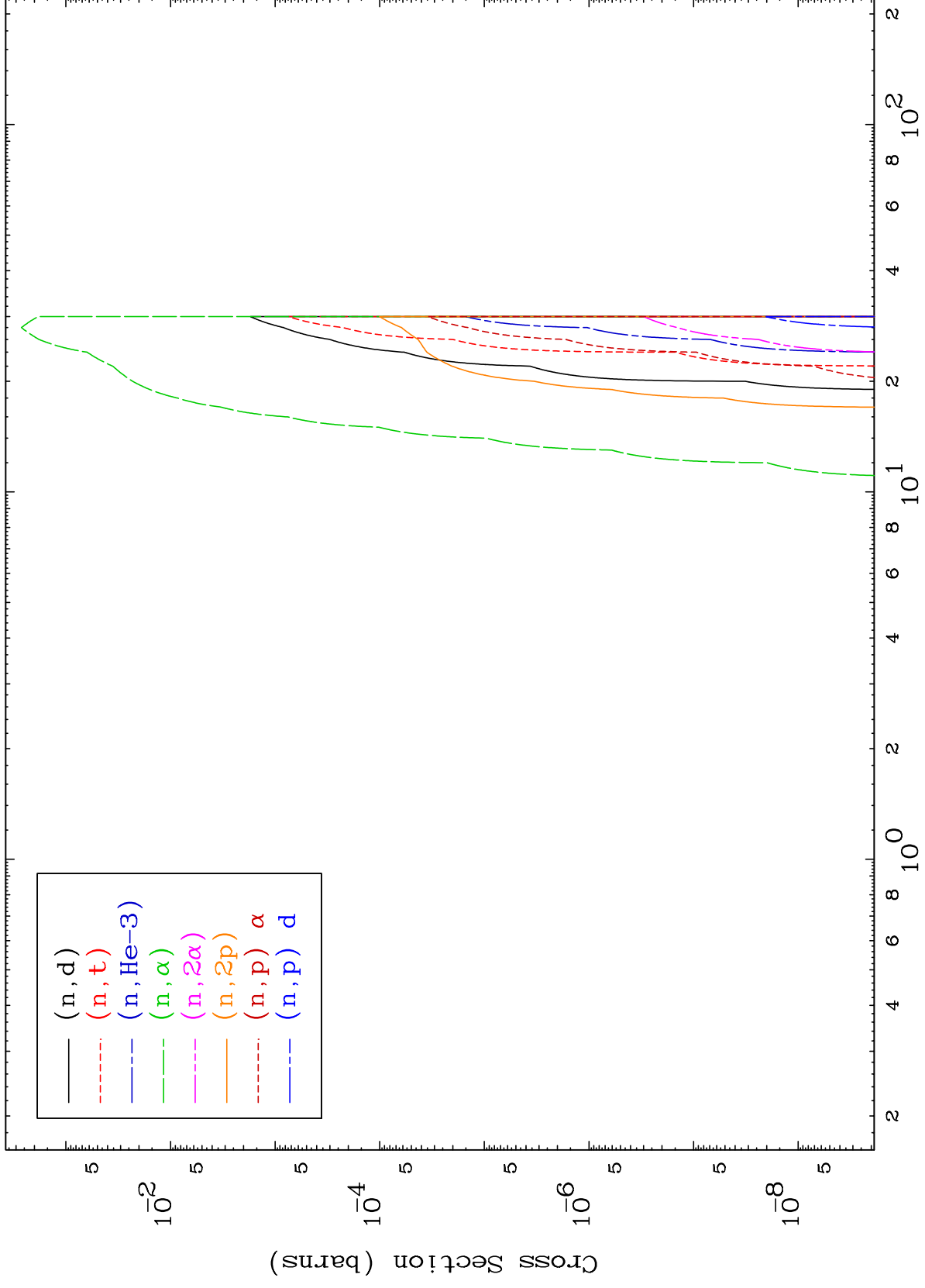
60-Nd-140

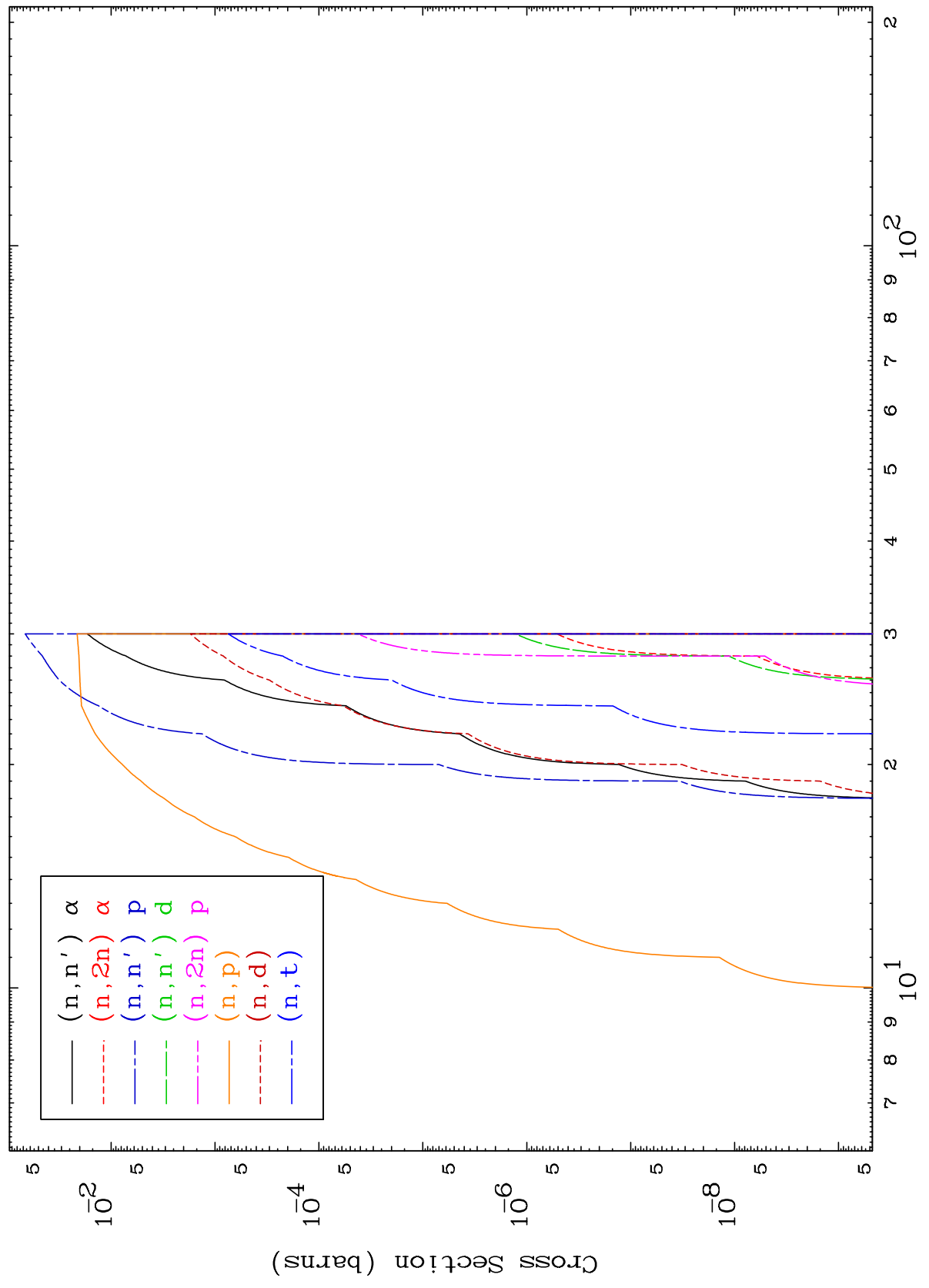


MAT 6019

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-140

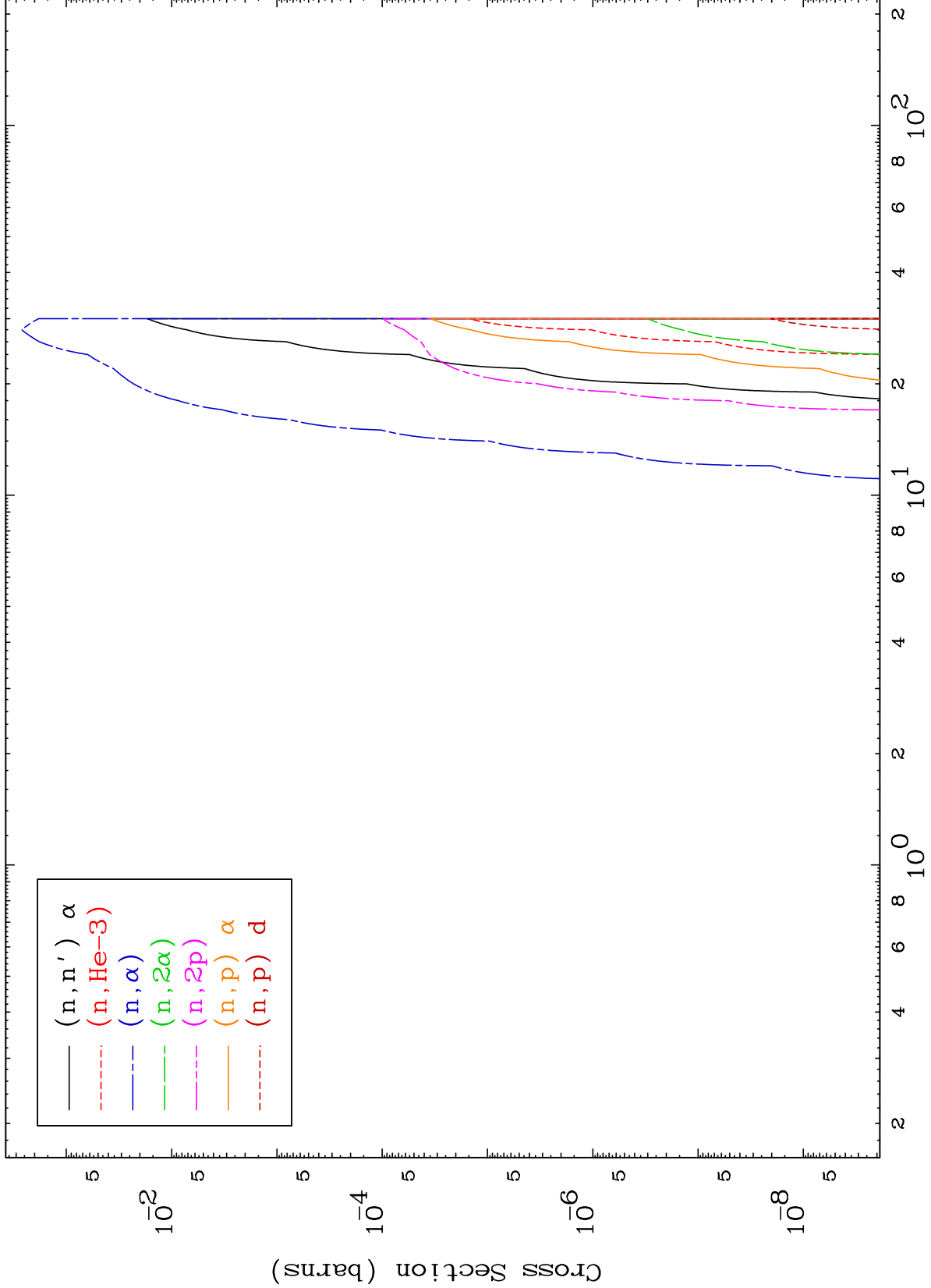




MAT 6019

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

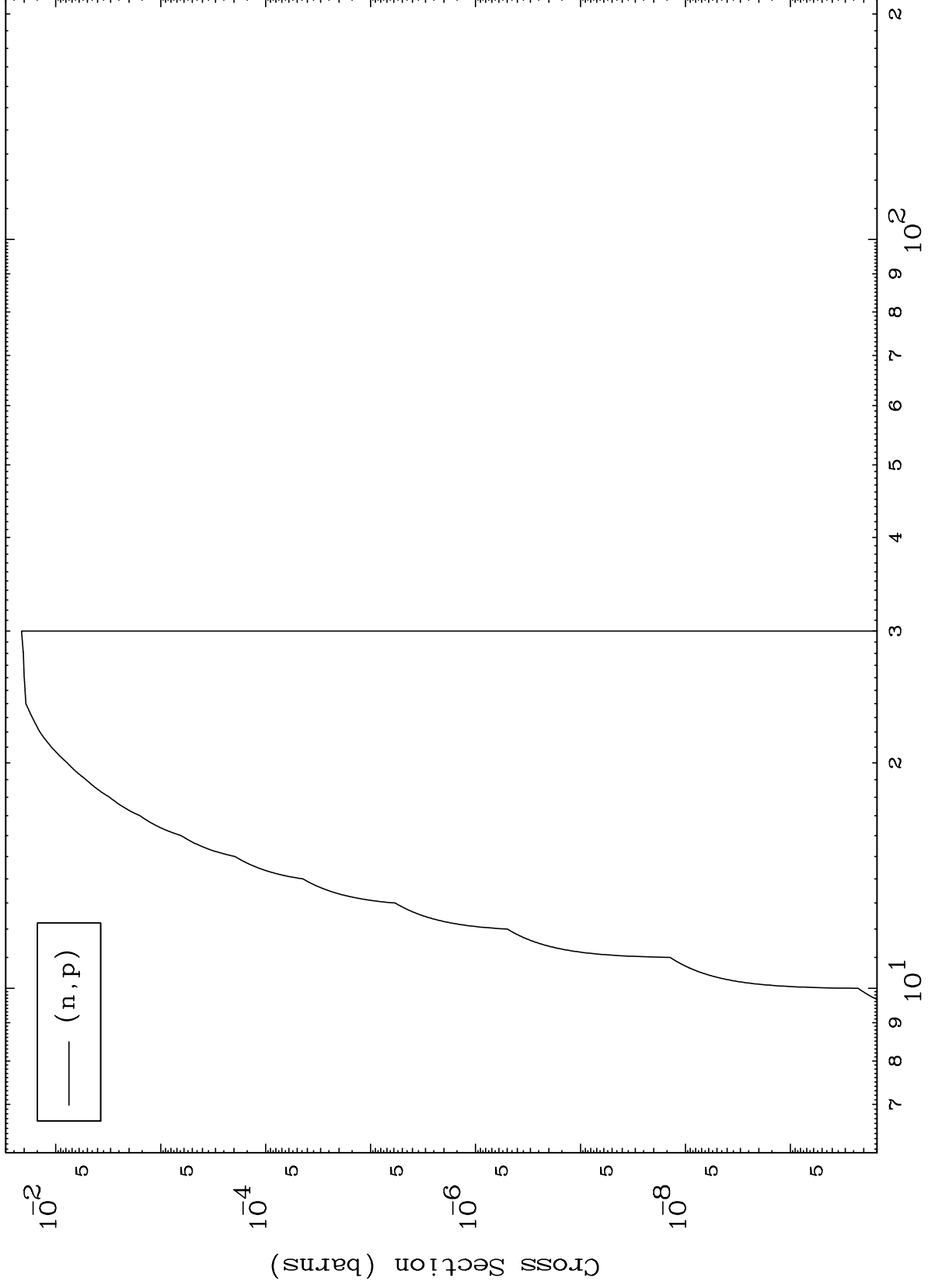
60-Nd-140



MAT 6019

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

60-Nd-140



6

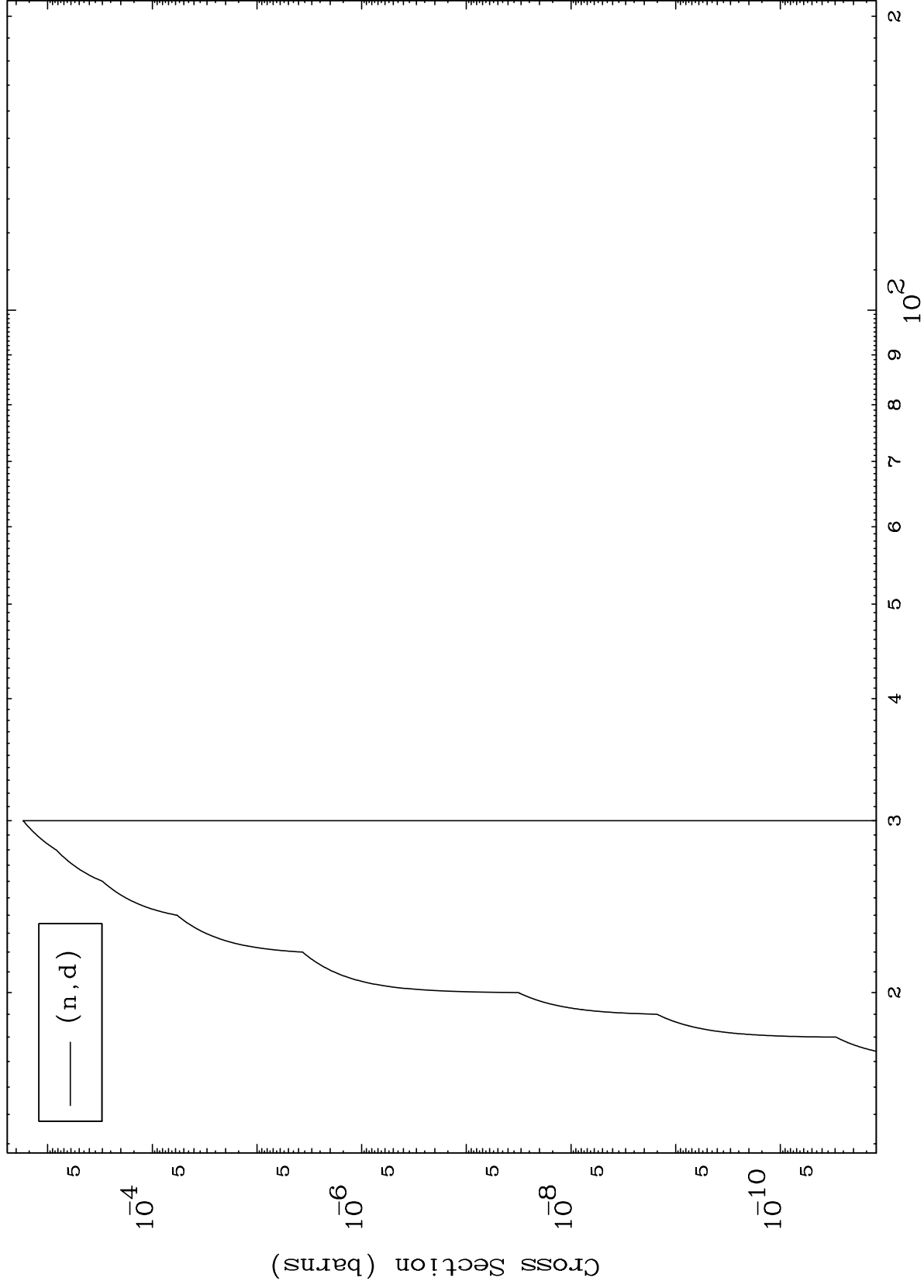
Incident Energy (MeV)

60-Nd-140

MAT 6019

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

$^{60}\text{Nd}-140$



7

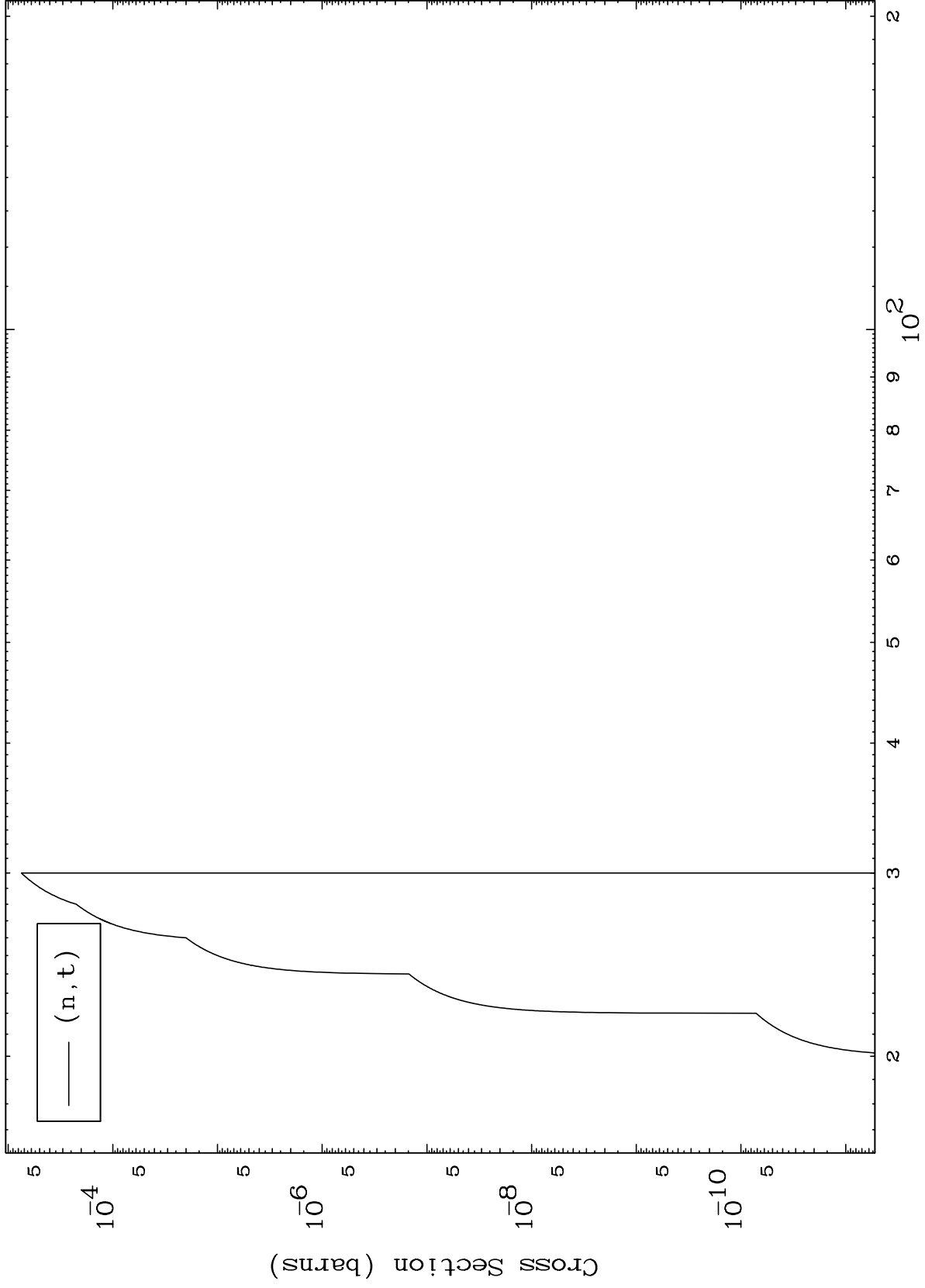
Incident Energy (MeV)

$^{60}\text{Nd}-140$

MAT 6019

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

60-Nd-140



8

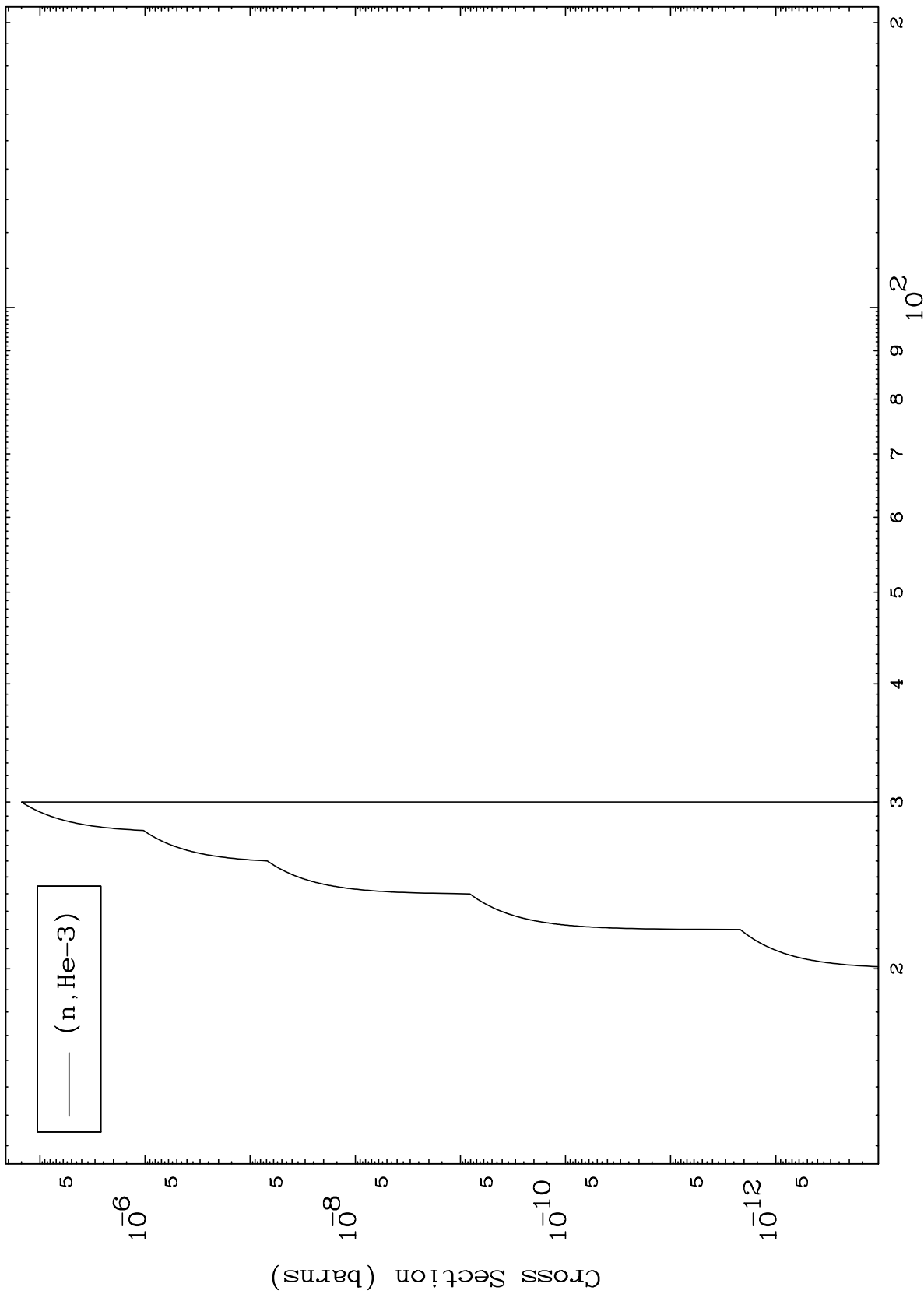
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

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

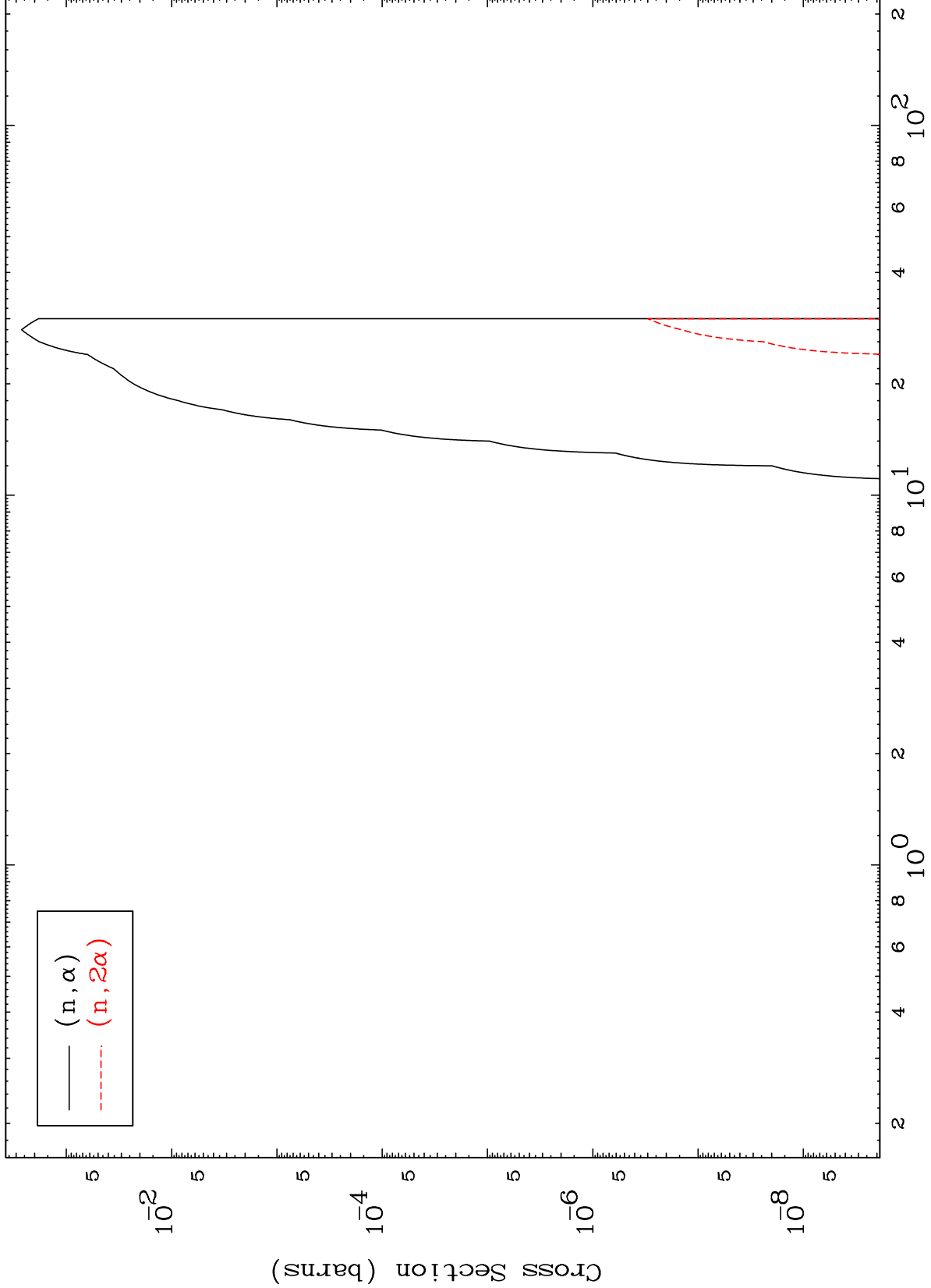


MAT 6019

( $\alpha, \alpha$ ) Levels

60-Nd-140

0 Kelvin Cross Sections

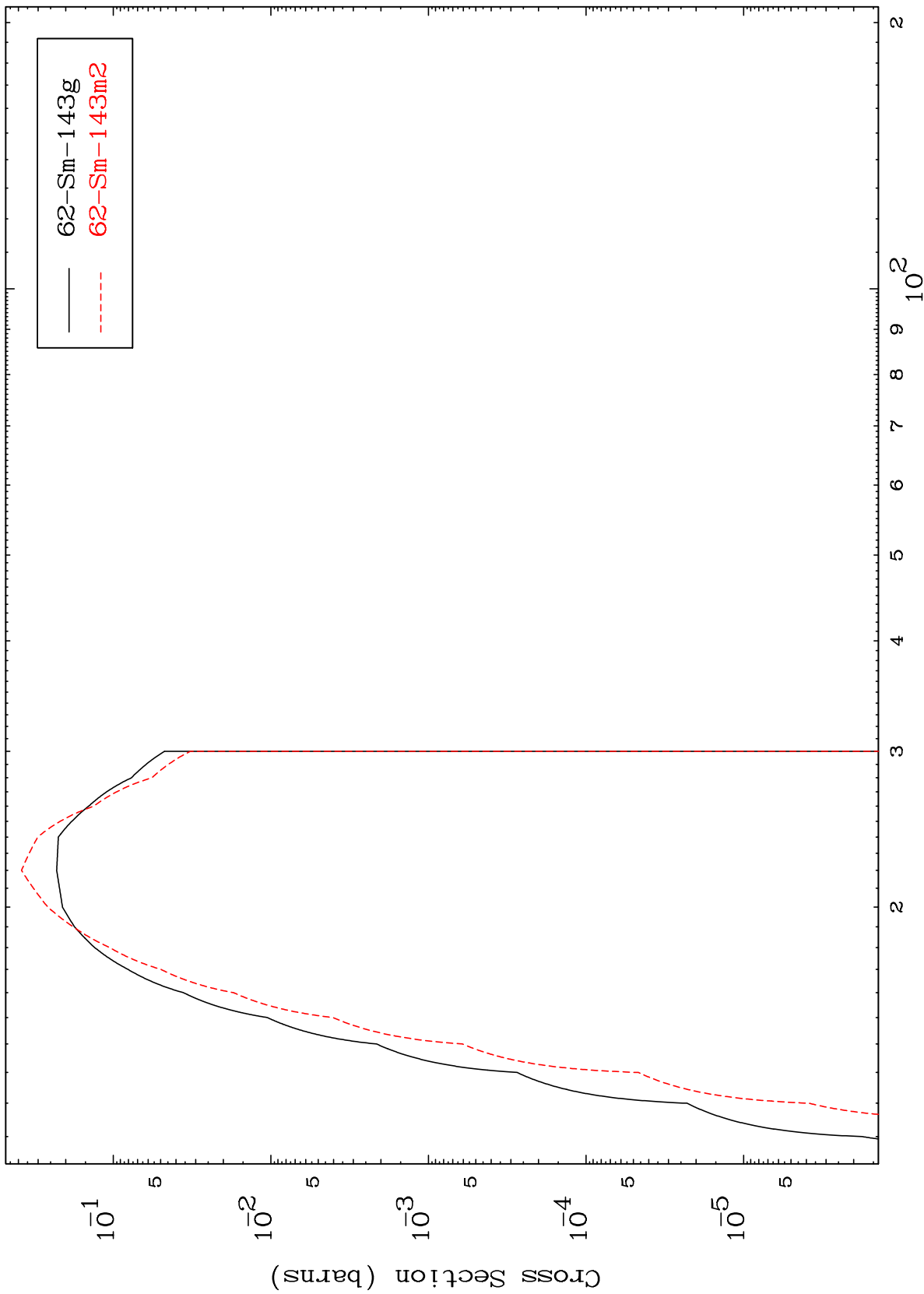


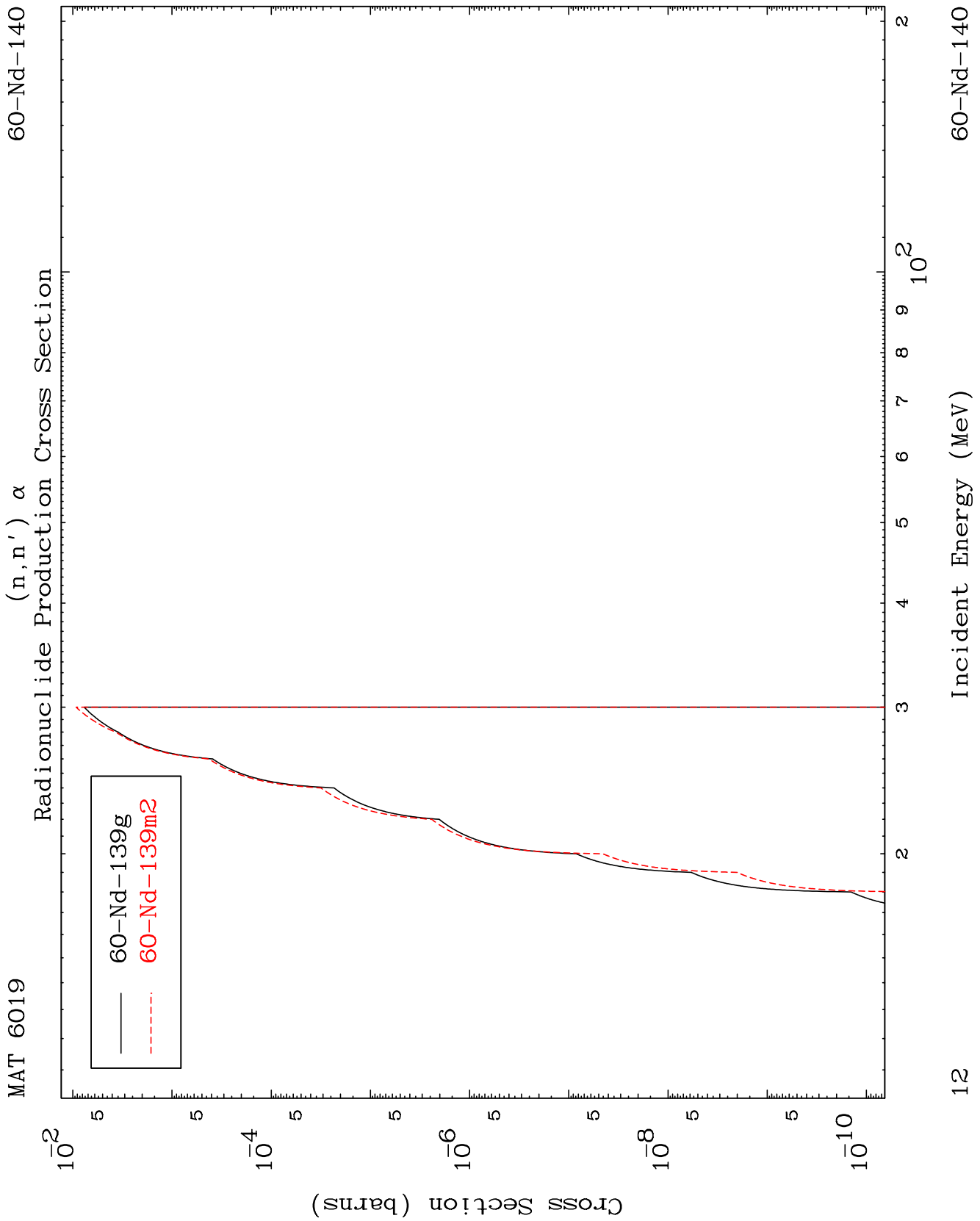
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

60-Nd-140



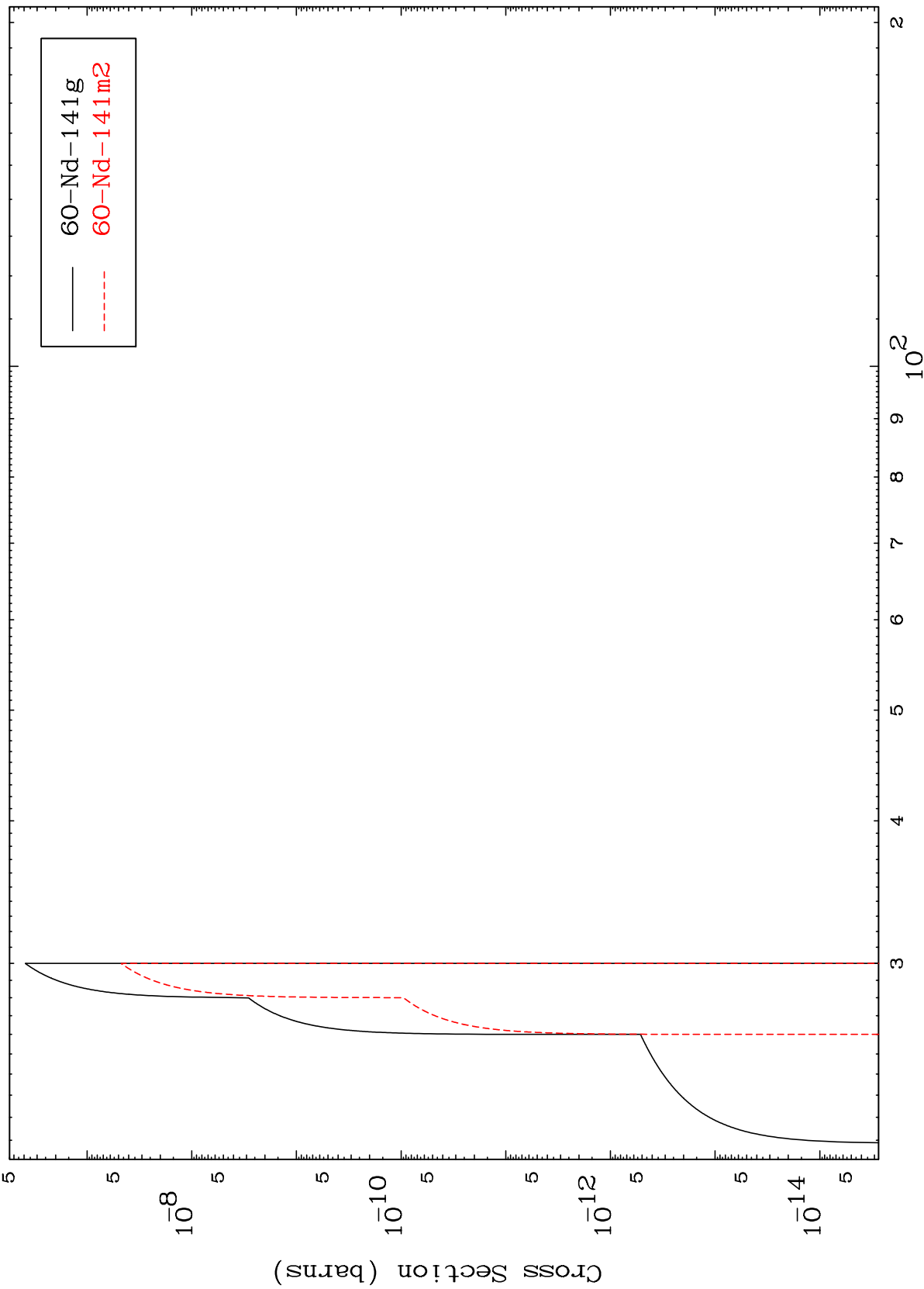


MAT 6019

(n,2n) p

60-Nd-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

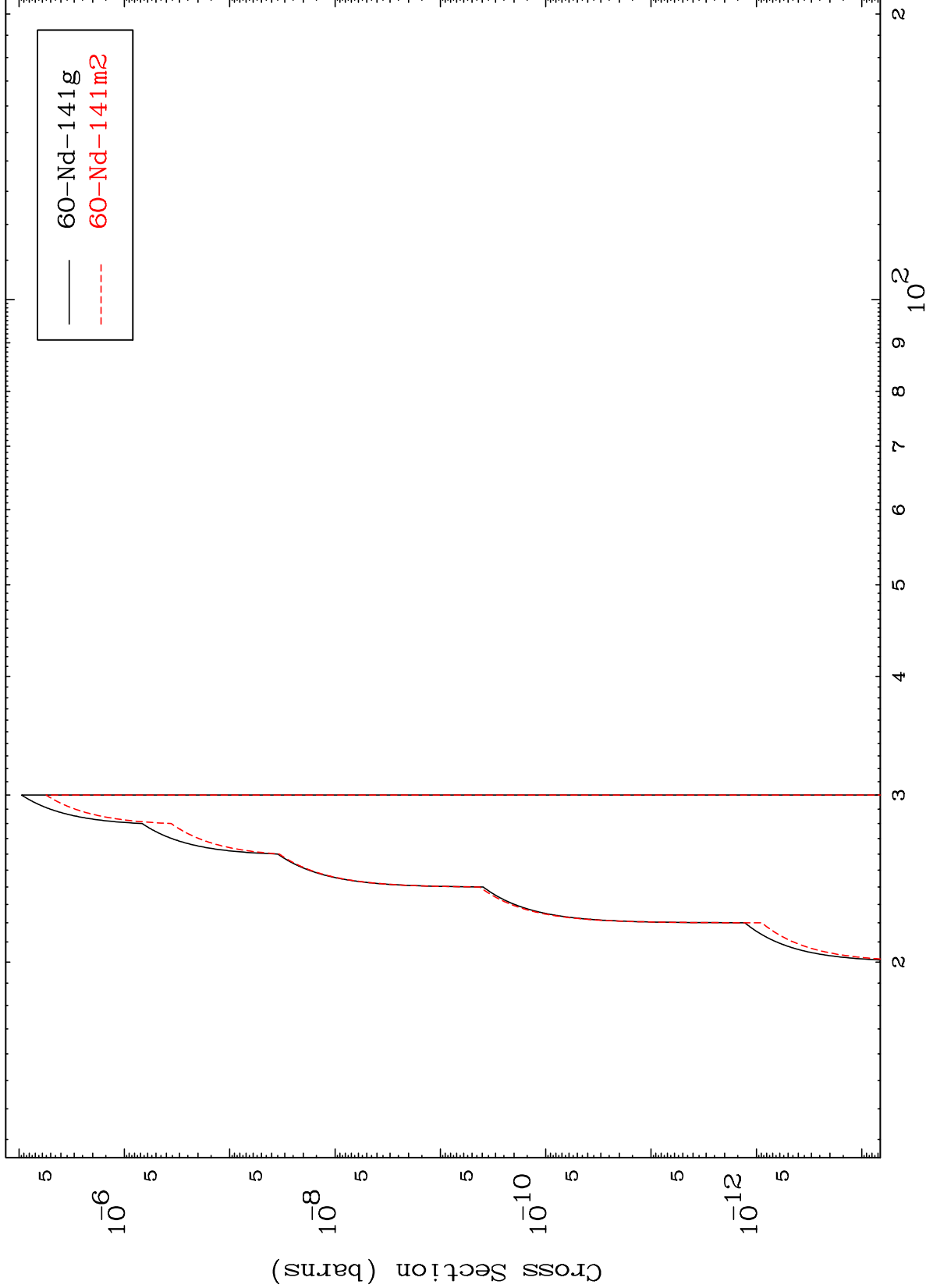
60-Nd-140

MAT 6019

(n,He-3)

60-Nd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

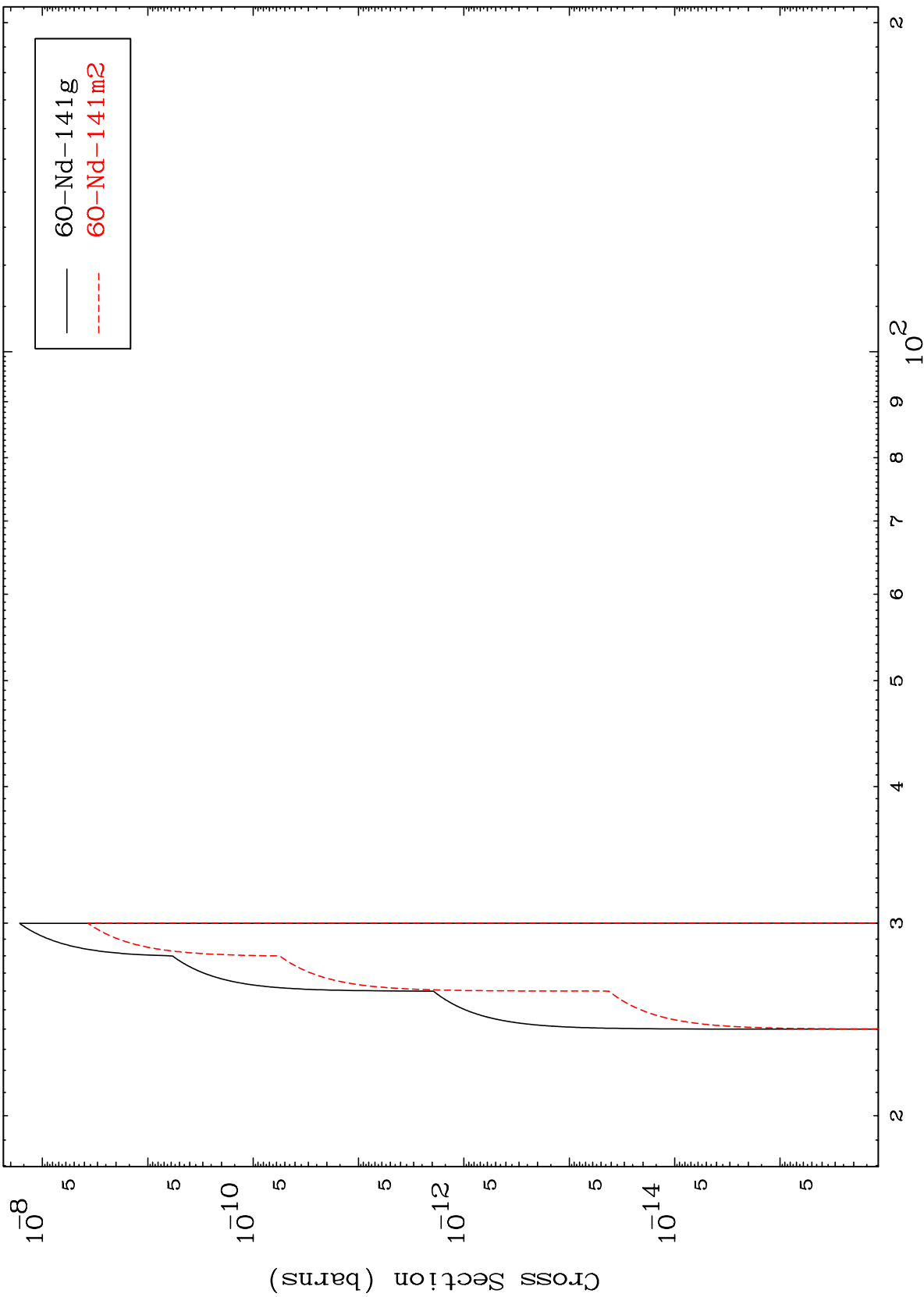
60-Nd-140

MAT 6019

(n,p) d

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-140