

Program EVALPLOT  
(Version 2021-1)

by

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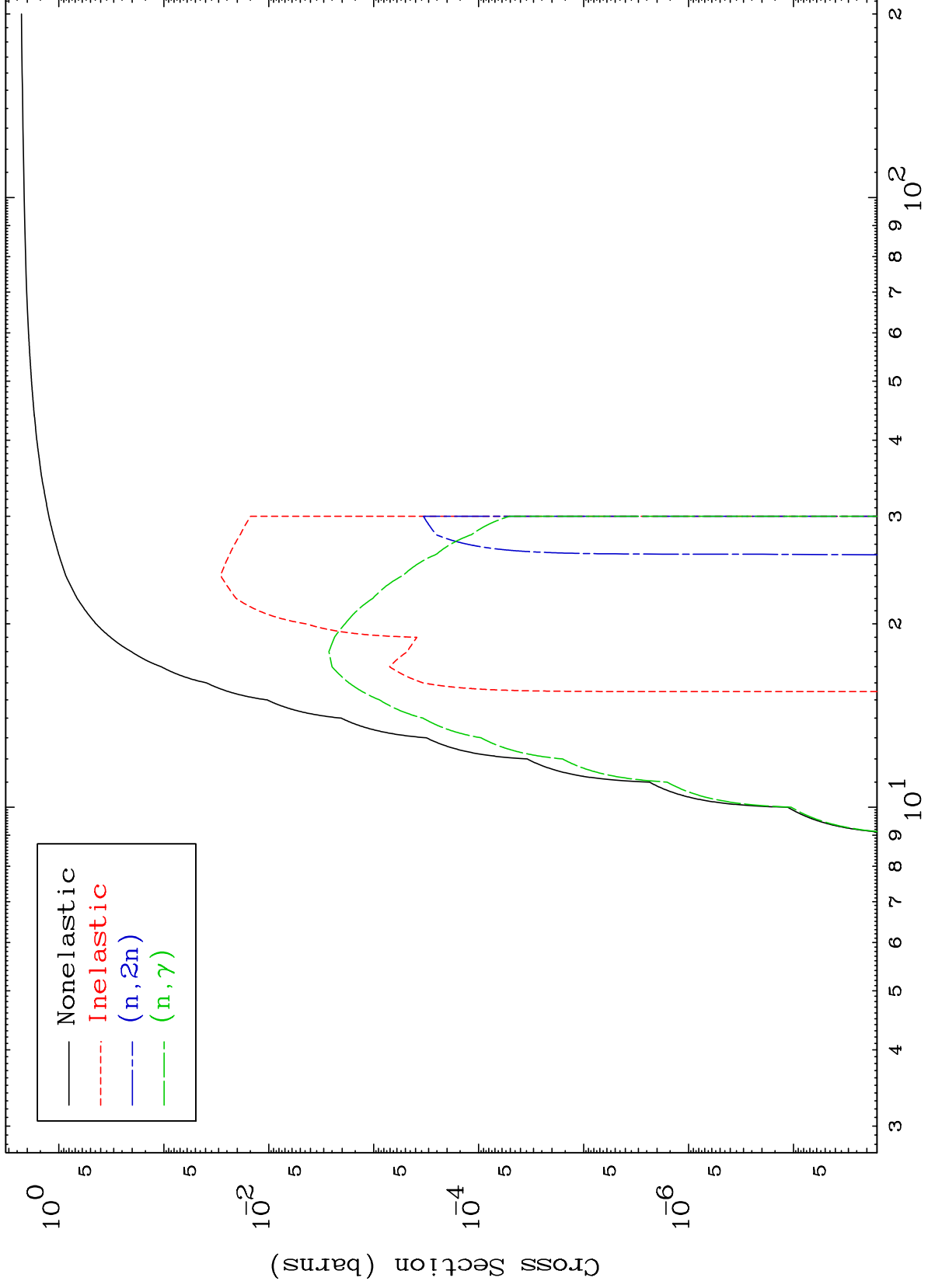
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5989

0 Kelvin Major  
 $\alpha$  Major

60-Nd-130



1

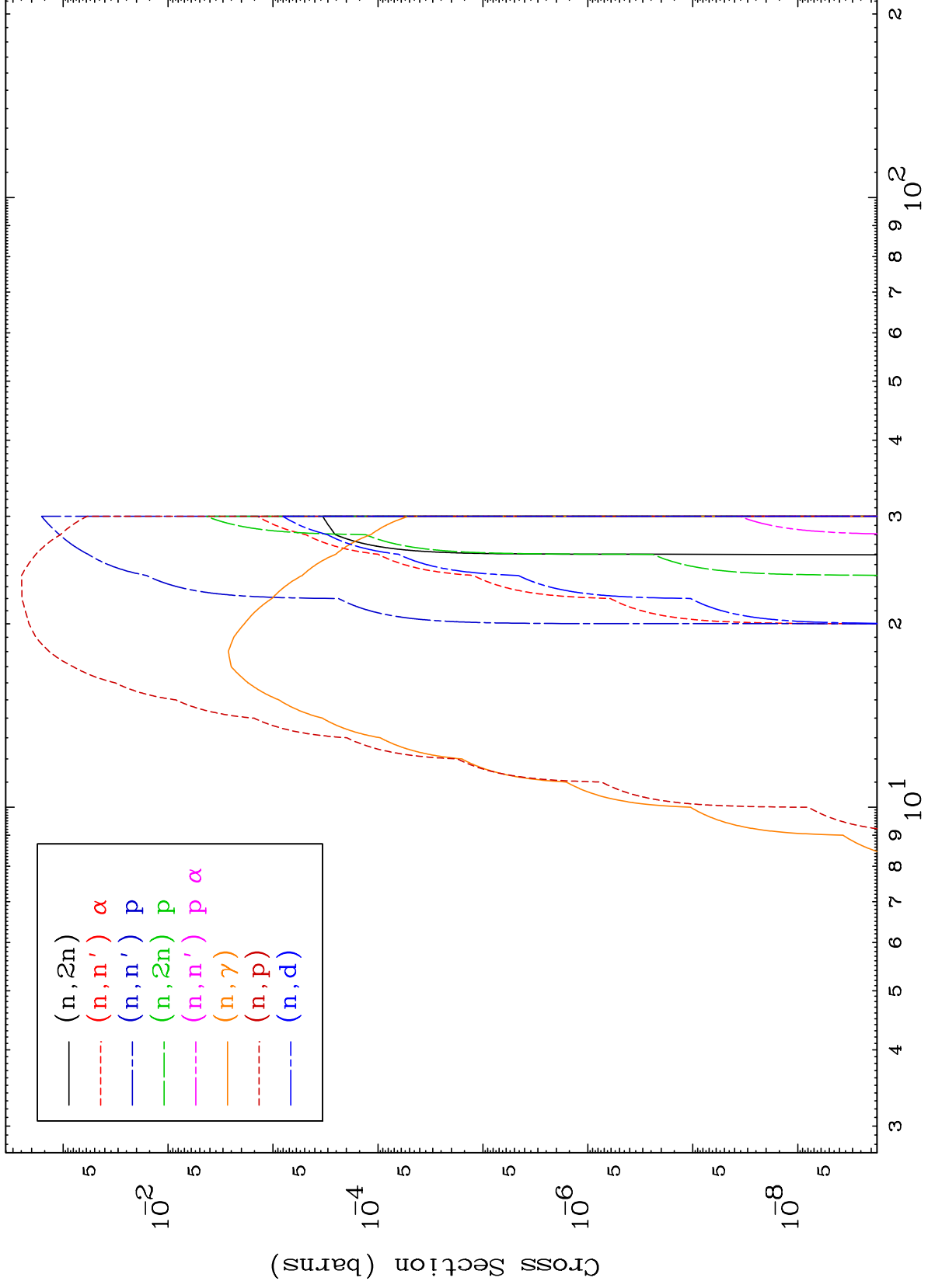
Incident Energy (MeV)

60-Nd-130

MAT 5989

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

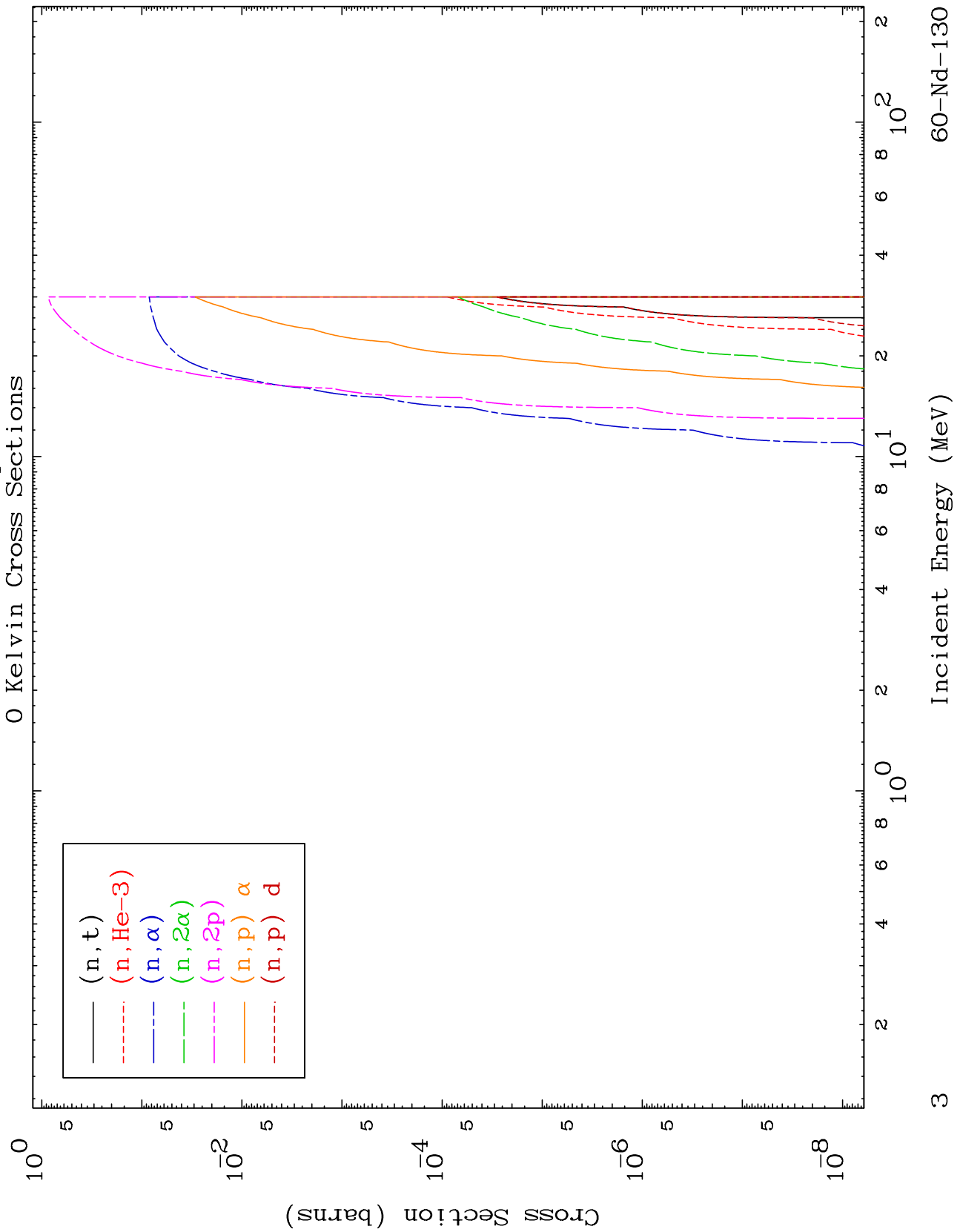
60-Nd-130



MAT 5989

$\alpha$  Neutron Absorption

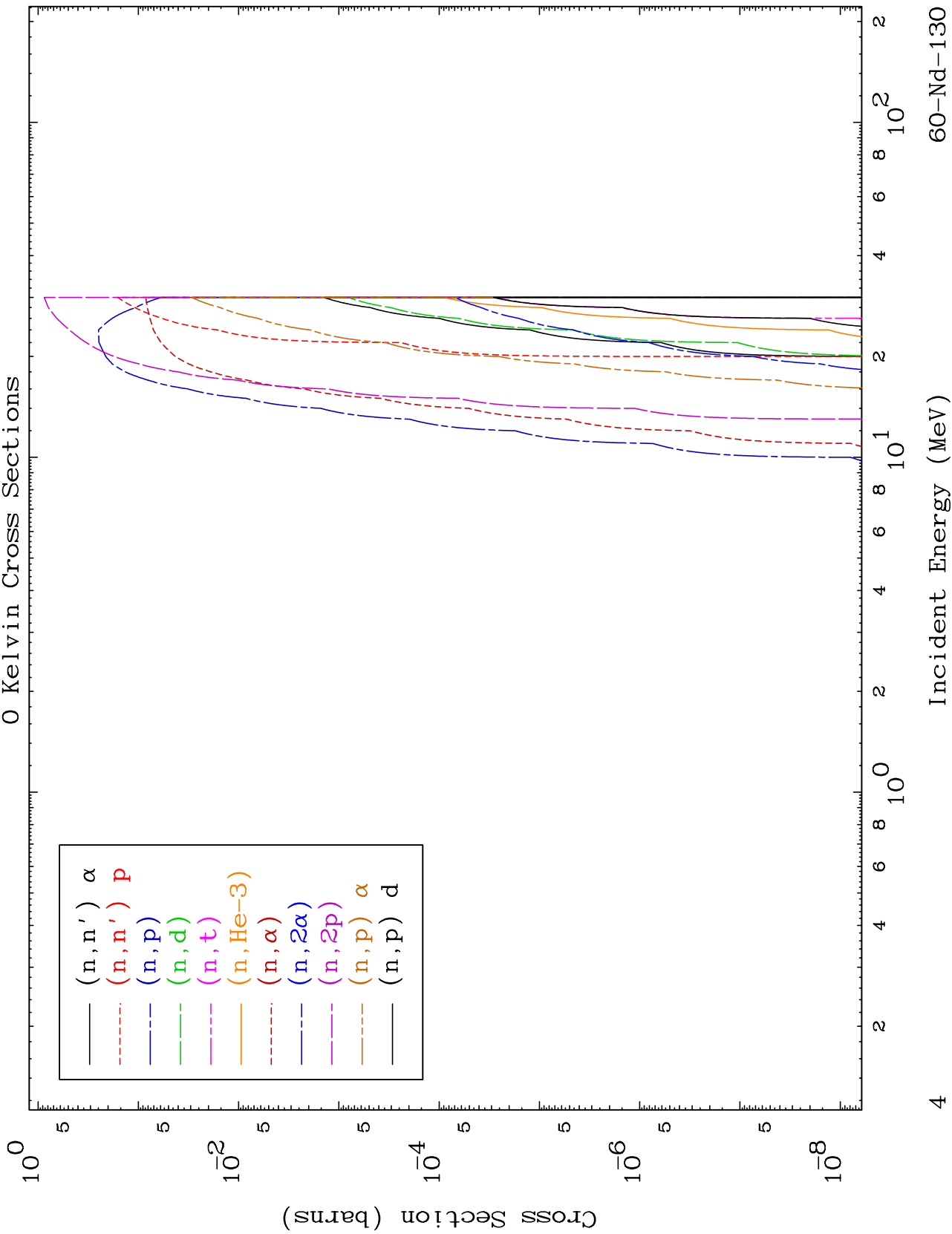
60-Nd-130



MAT 5989

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

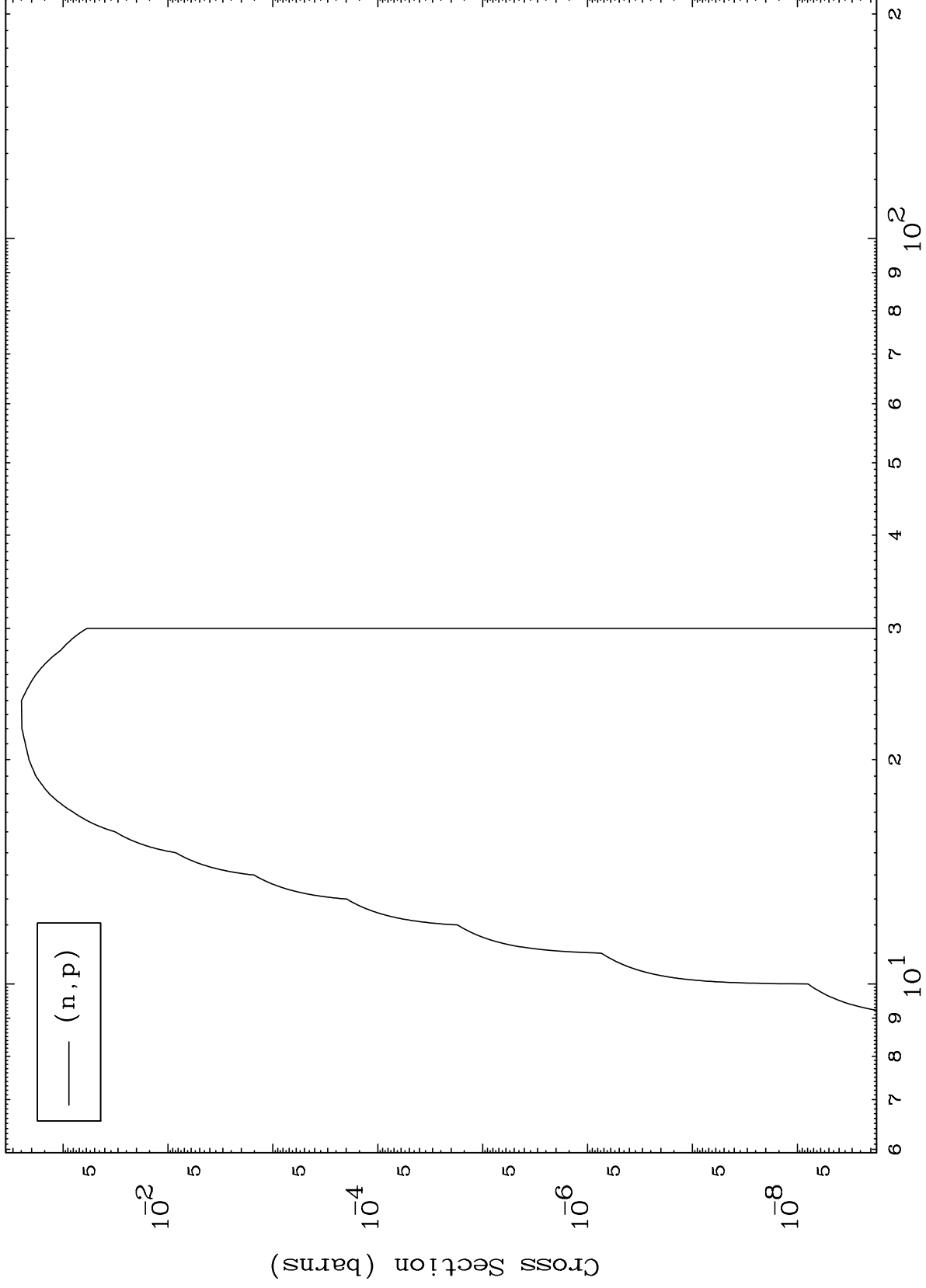
60-Nd-130



MAT 5989

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

60-Nd-130



5

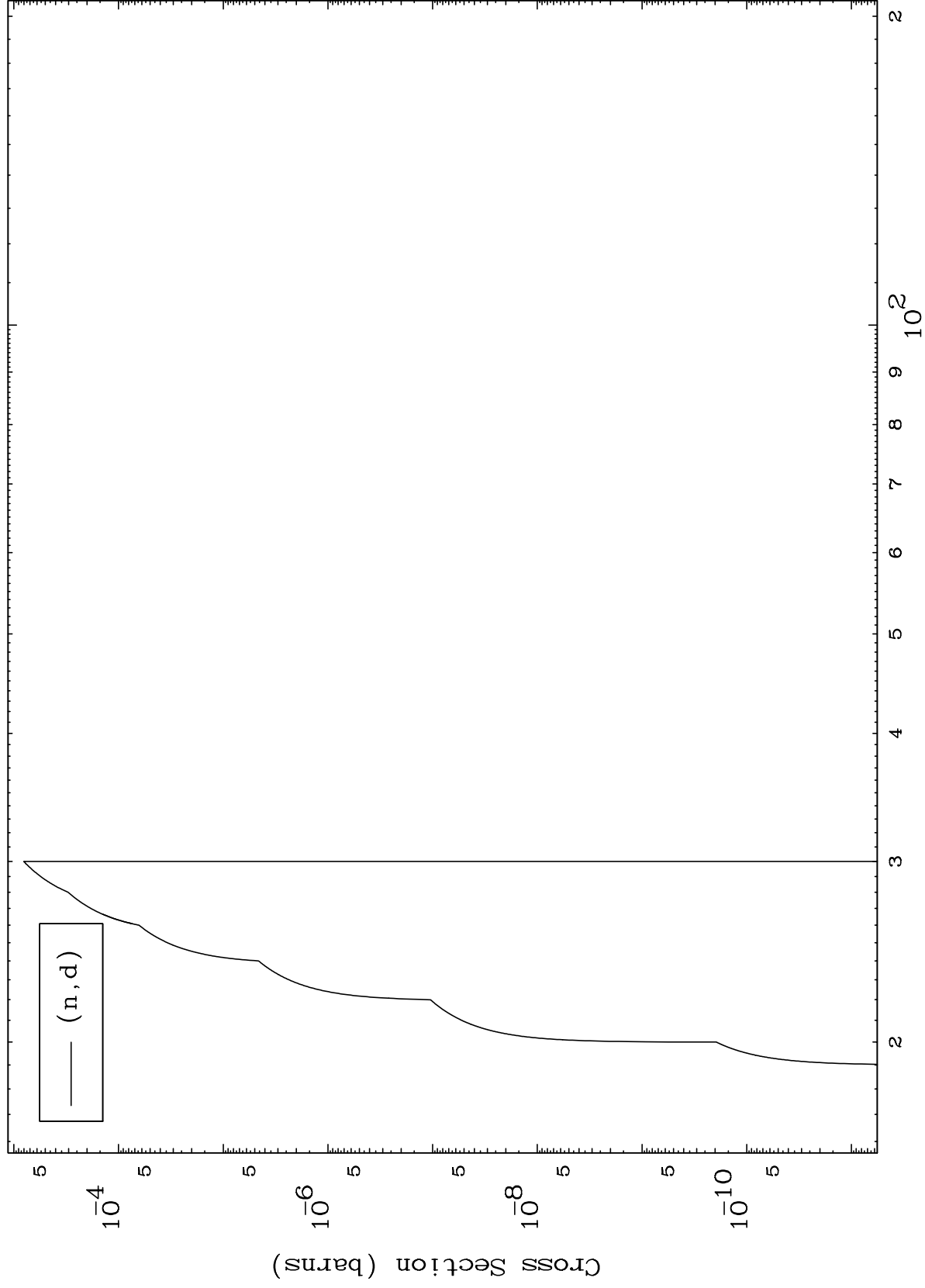
Incident Energy (MeV)

60-Nd-130

MAT 5989

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

60-Nd-130



6

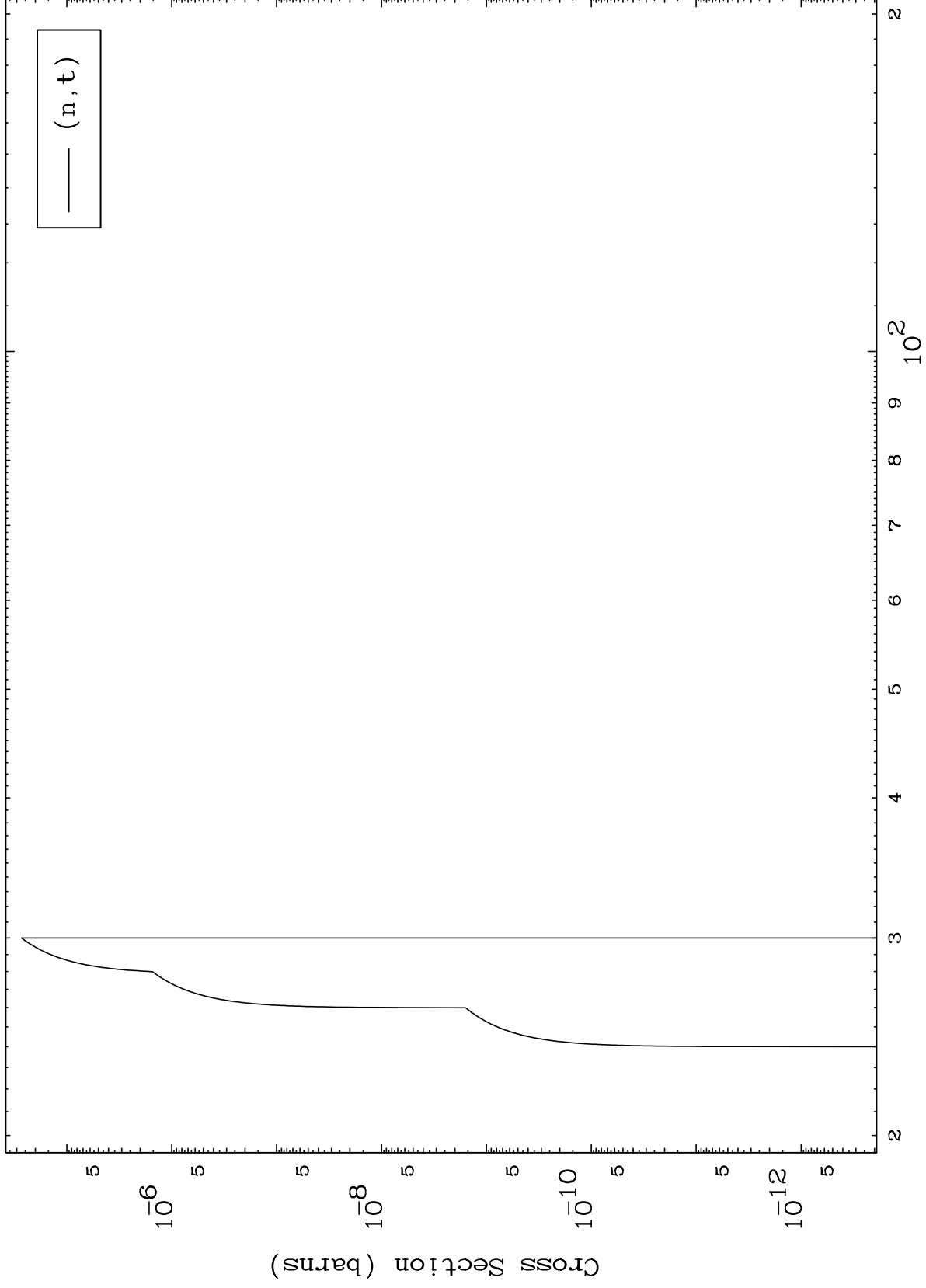
Incident Energy (MeV)

60-Nd-130

MAT 5989

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

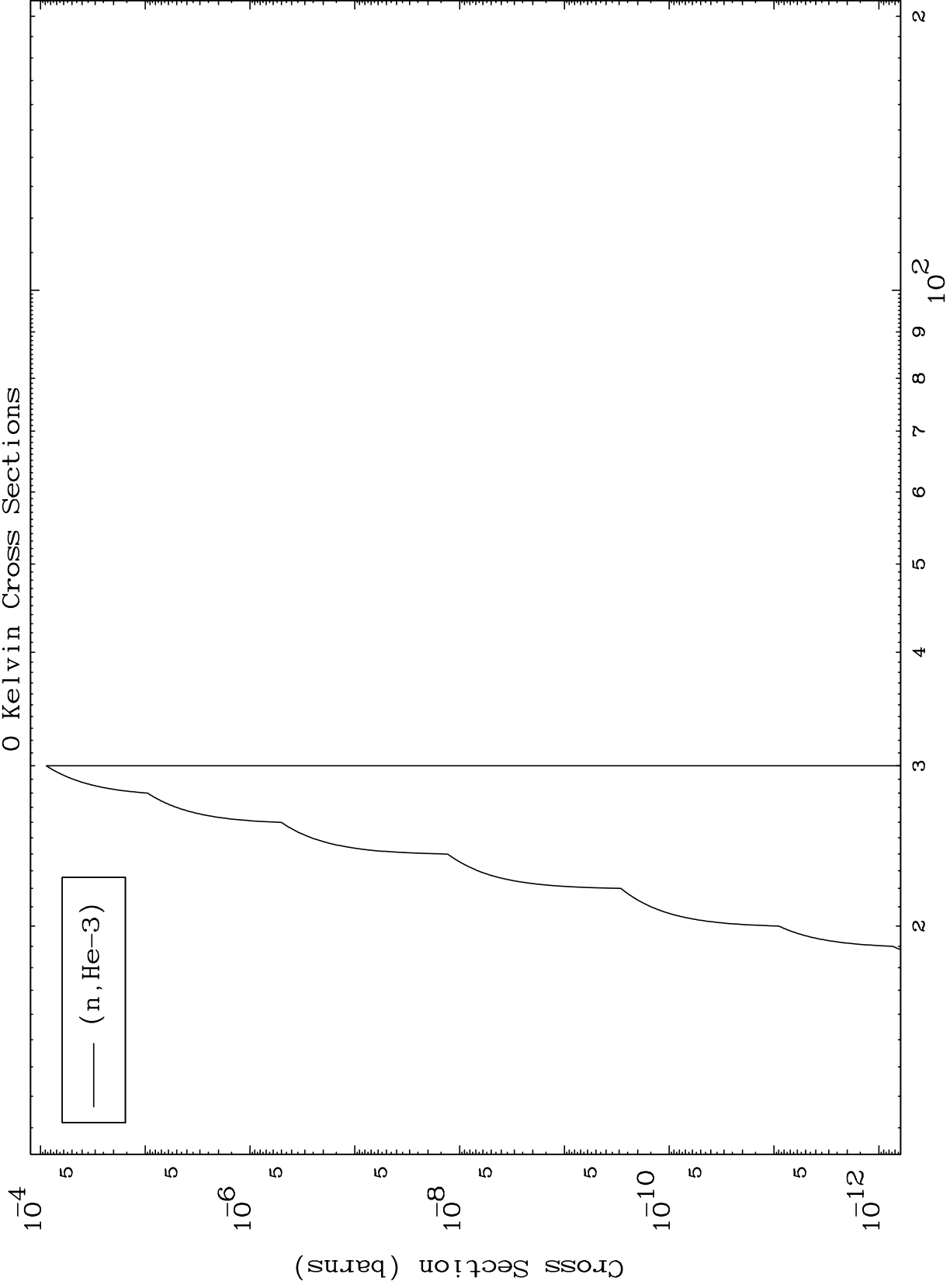
60-Nd-130



7

Incident Energy (MeV)

60-Nd-130

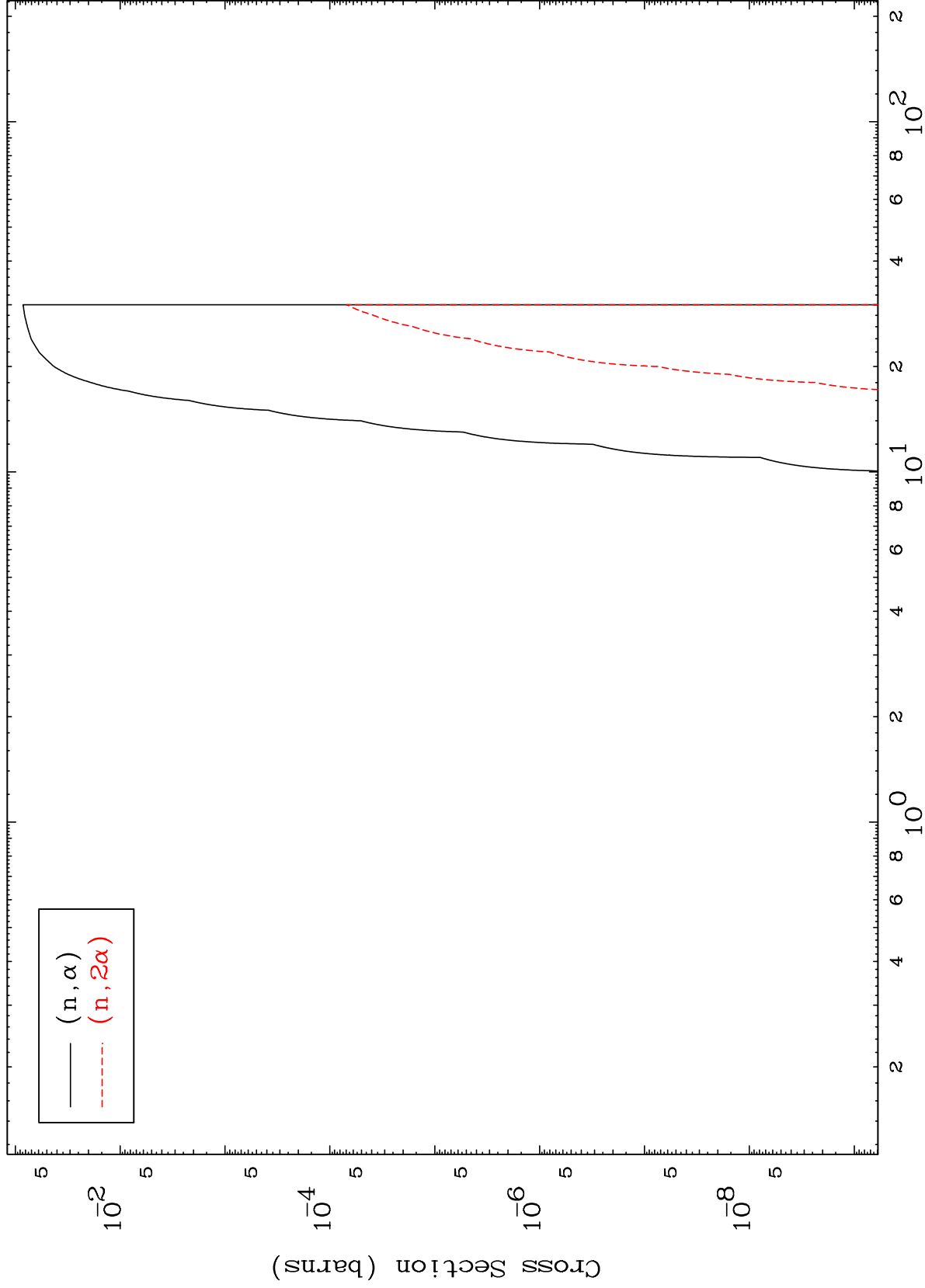


MAT 5989

( $\alpha, \alpha$ ) Levels

60-Nd-130

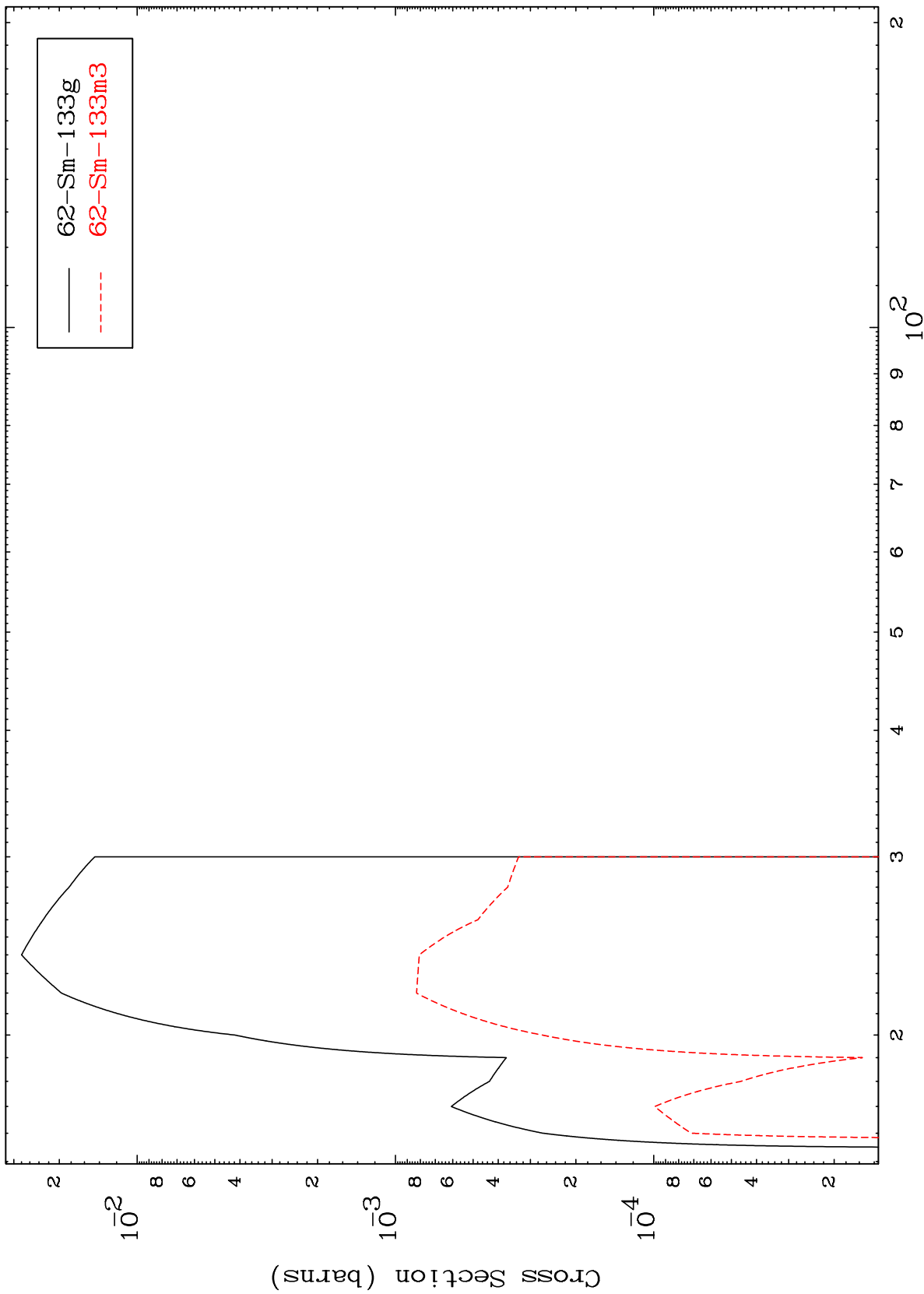
0 Kelvin Cross Sections



MAT 5989

60-Nd-130

Inelastic  
Radionuclide Production Cross Section



60-Nd-130

Incident Energy (MeV)

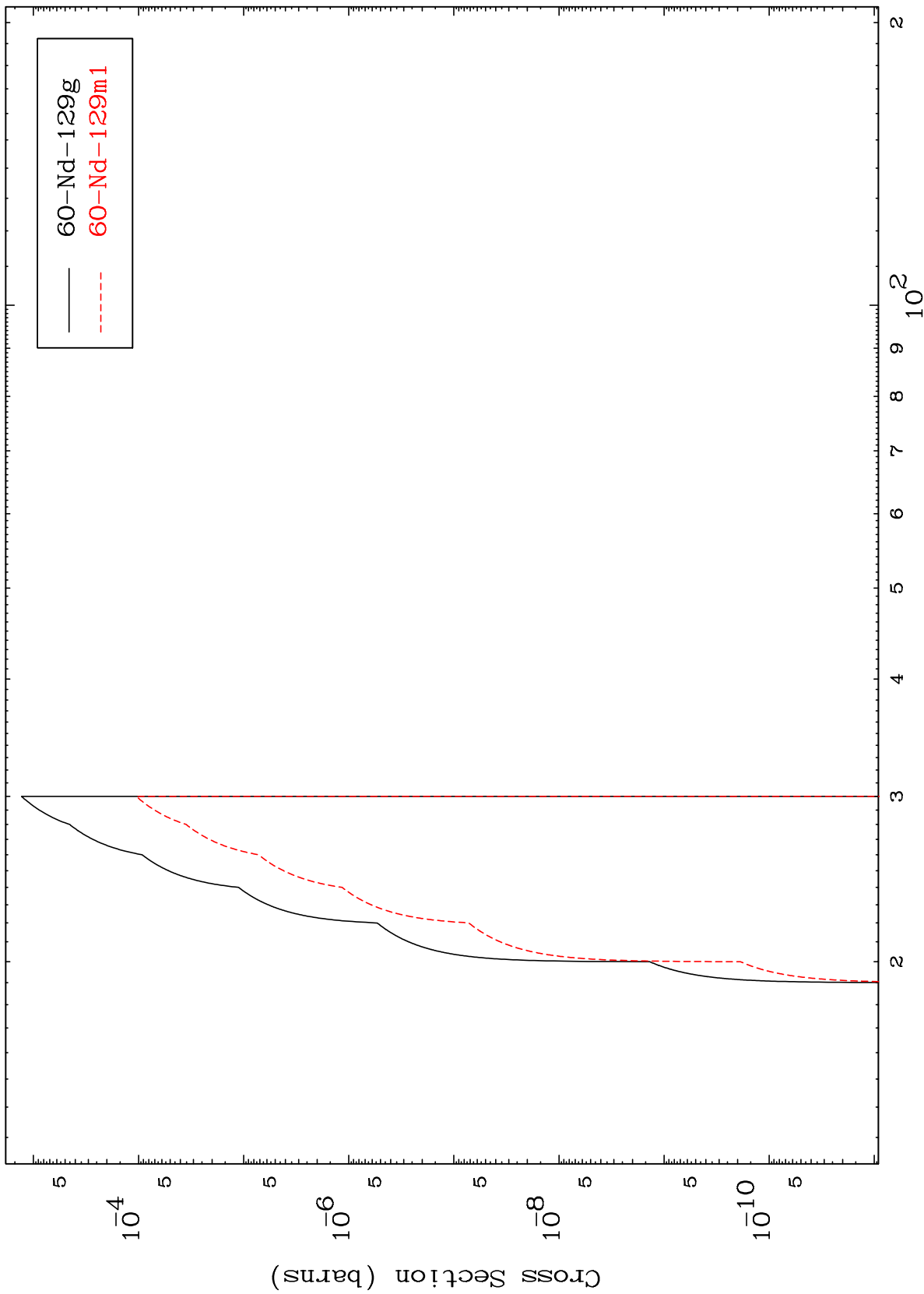
10

MAT 5989

$(n, n') \alpha$

$^{60}\text{Nd-130}$

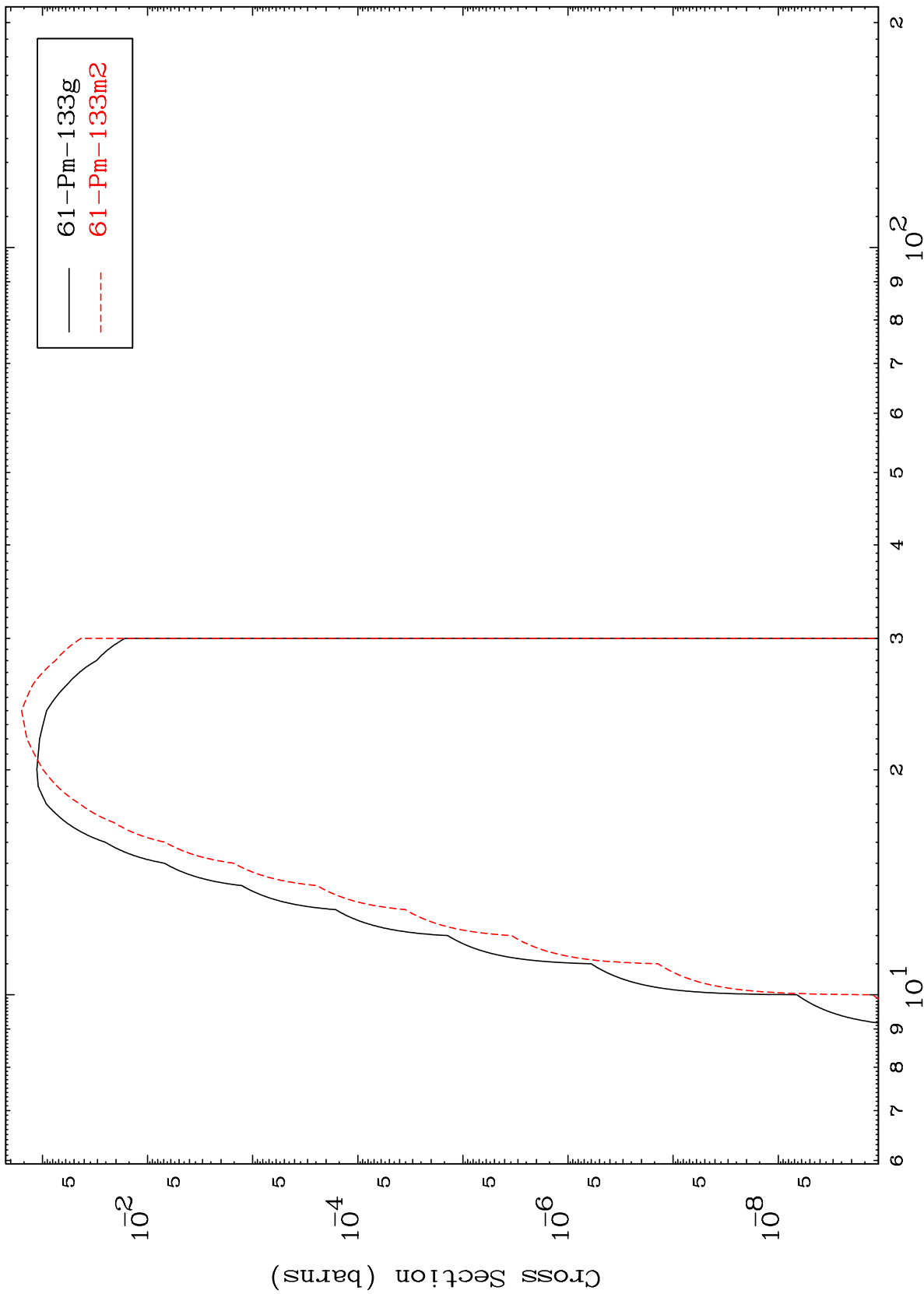
Radionuclide Production Cross Section



MAT 5989

60-Nd-130

(n,p)  
Radionuclide Production Cross Section



61-Pm-133g  
61-Pm-133m2

12

Incident Energy (MeV)

60-Nd-130