

Program EVALPLOT  
(Version 2021-1)

by

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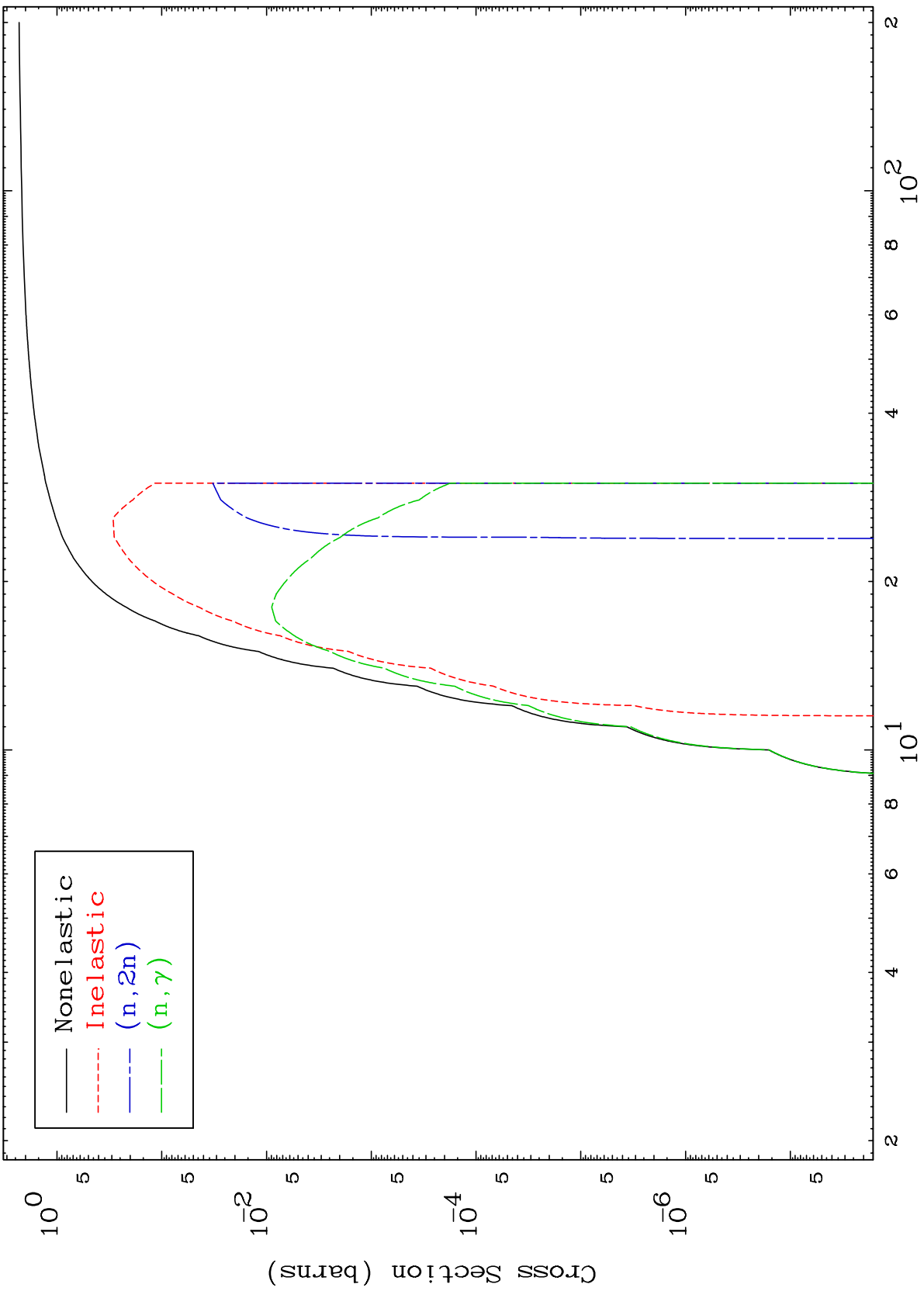
Press Mouse Button to Start

MAT 5998

$\alpha$  Major

60-Nd-133

0 Kelvin Cross Sections



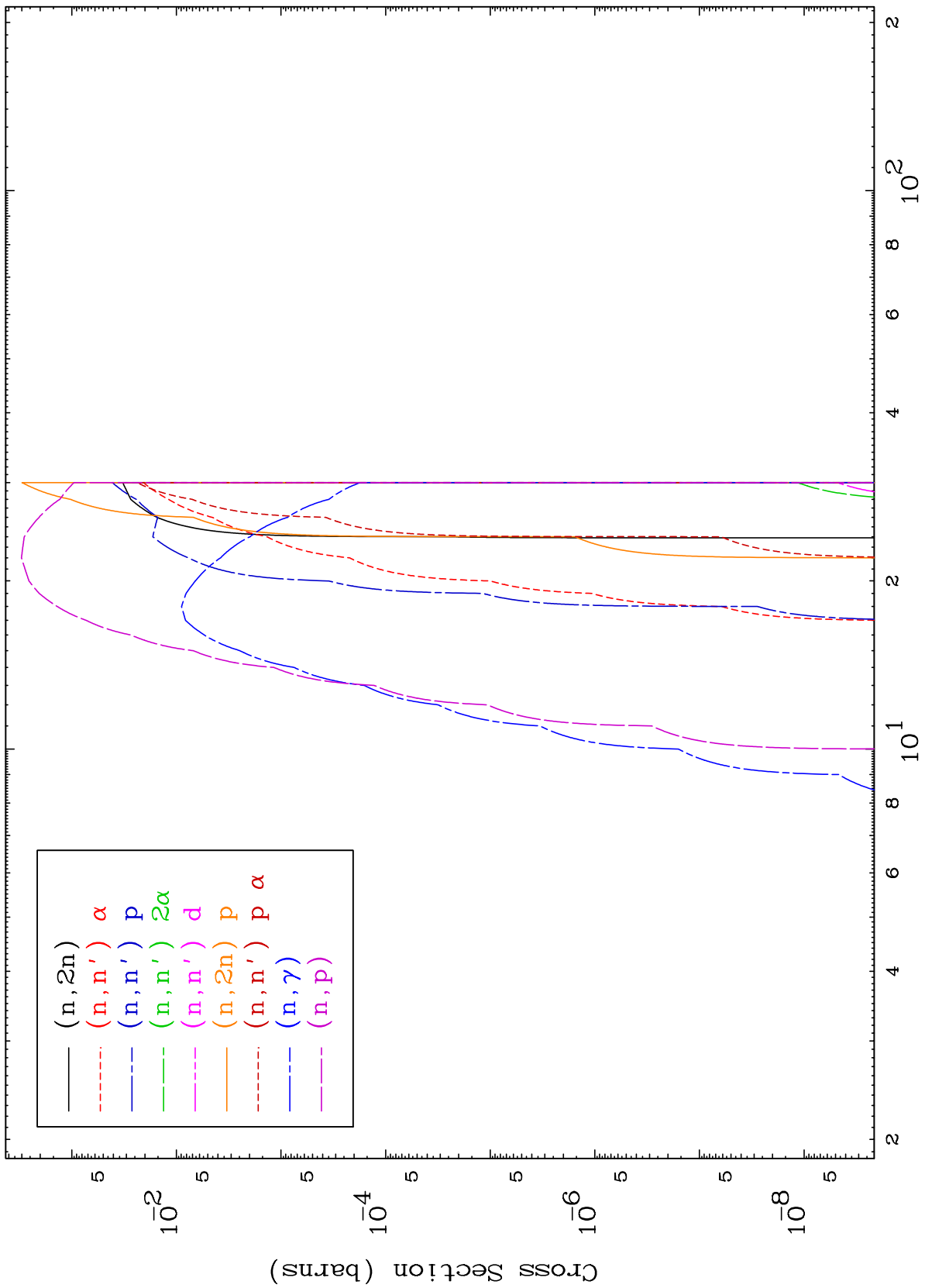
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

1

Incident Energy (MeV)

60-Nd-133

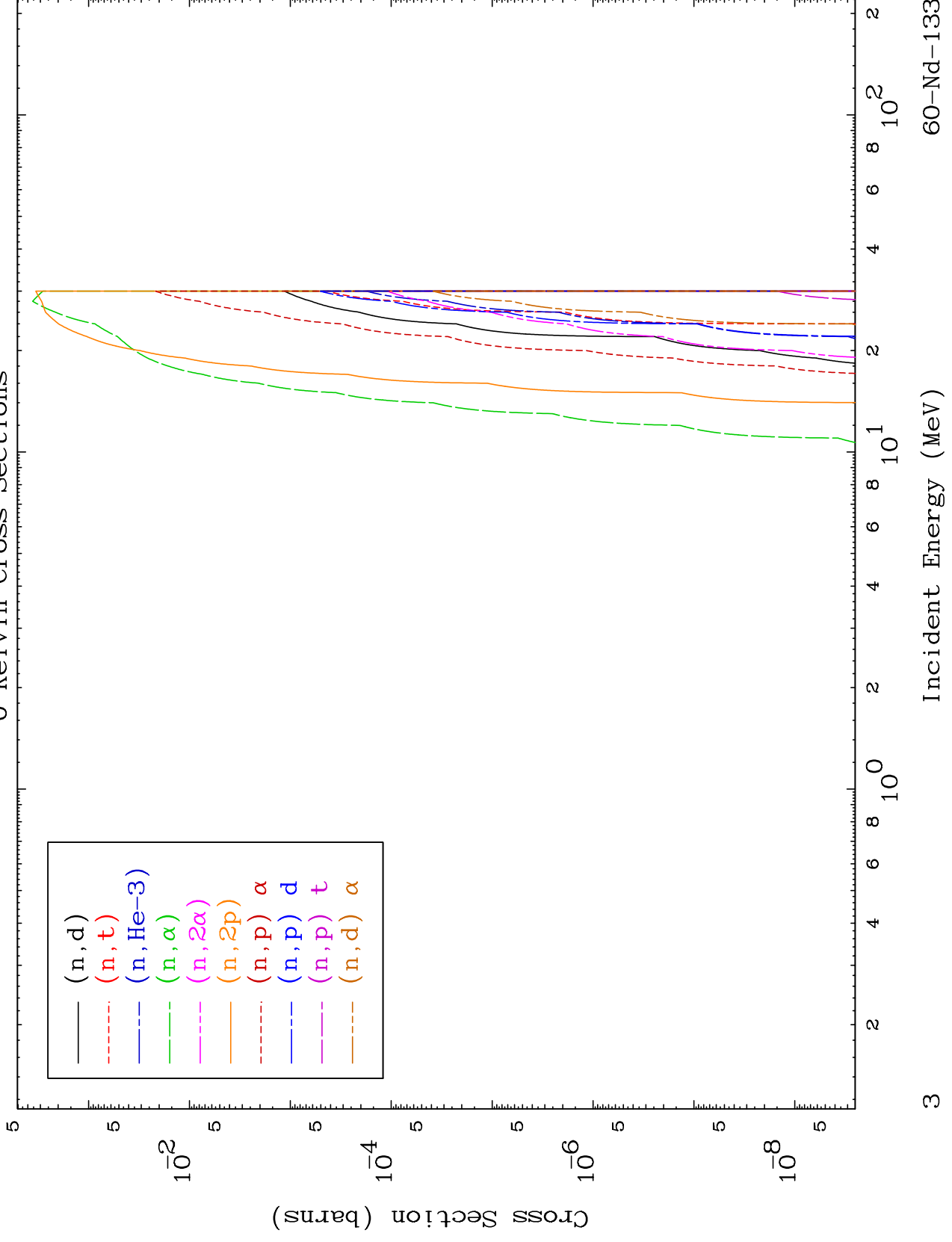
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

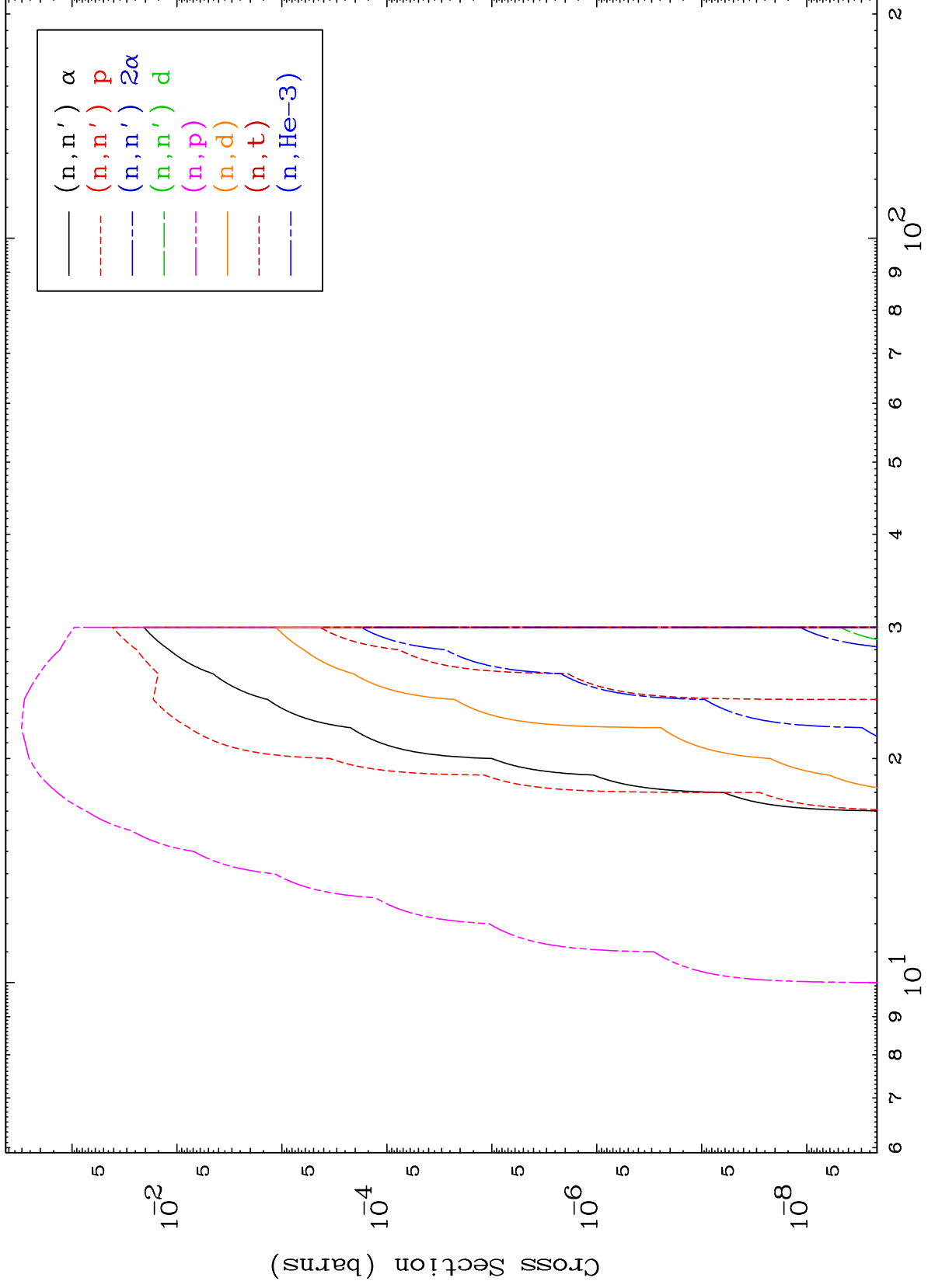


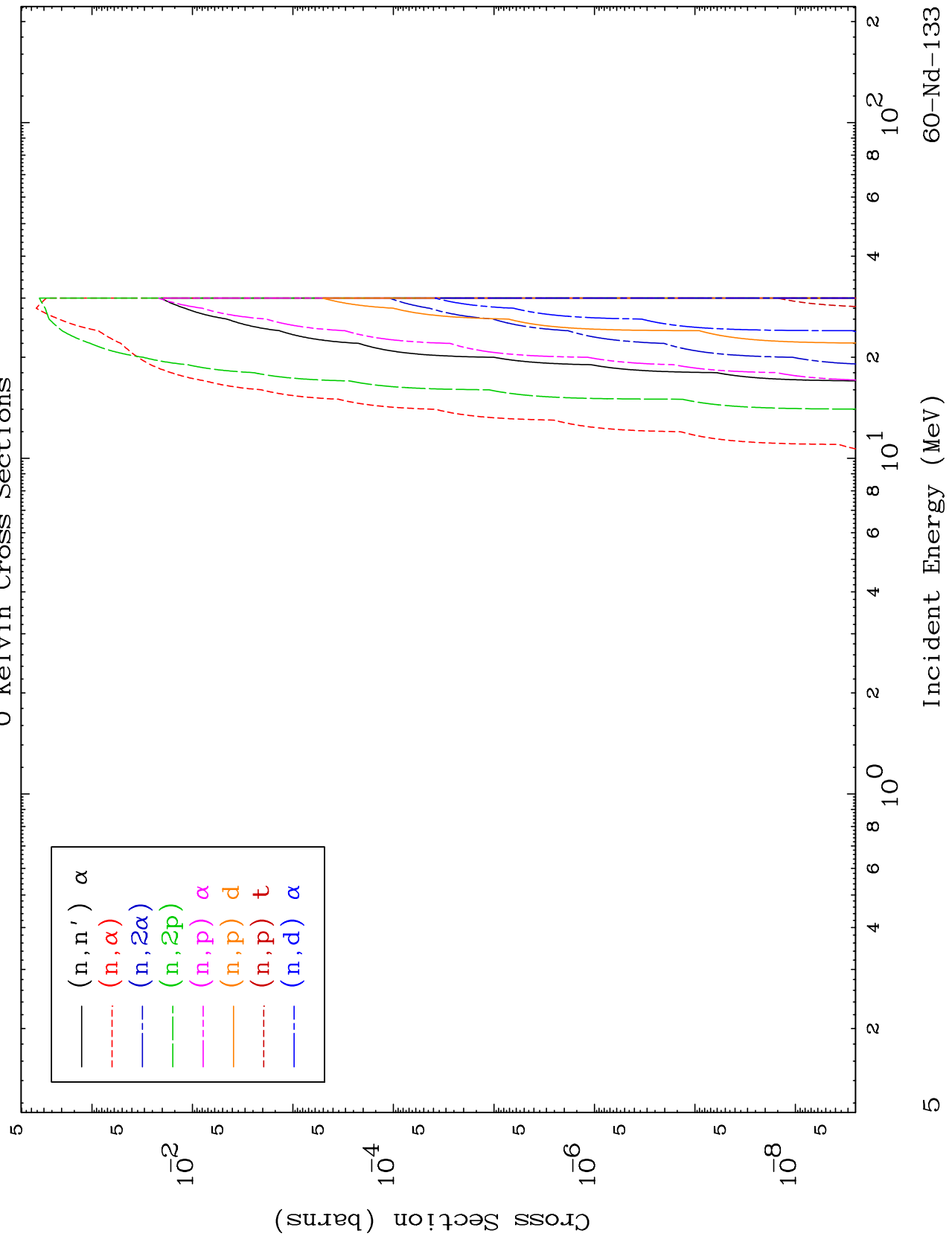
MAT 5998

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-133



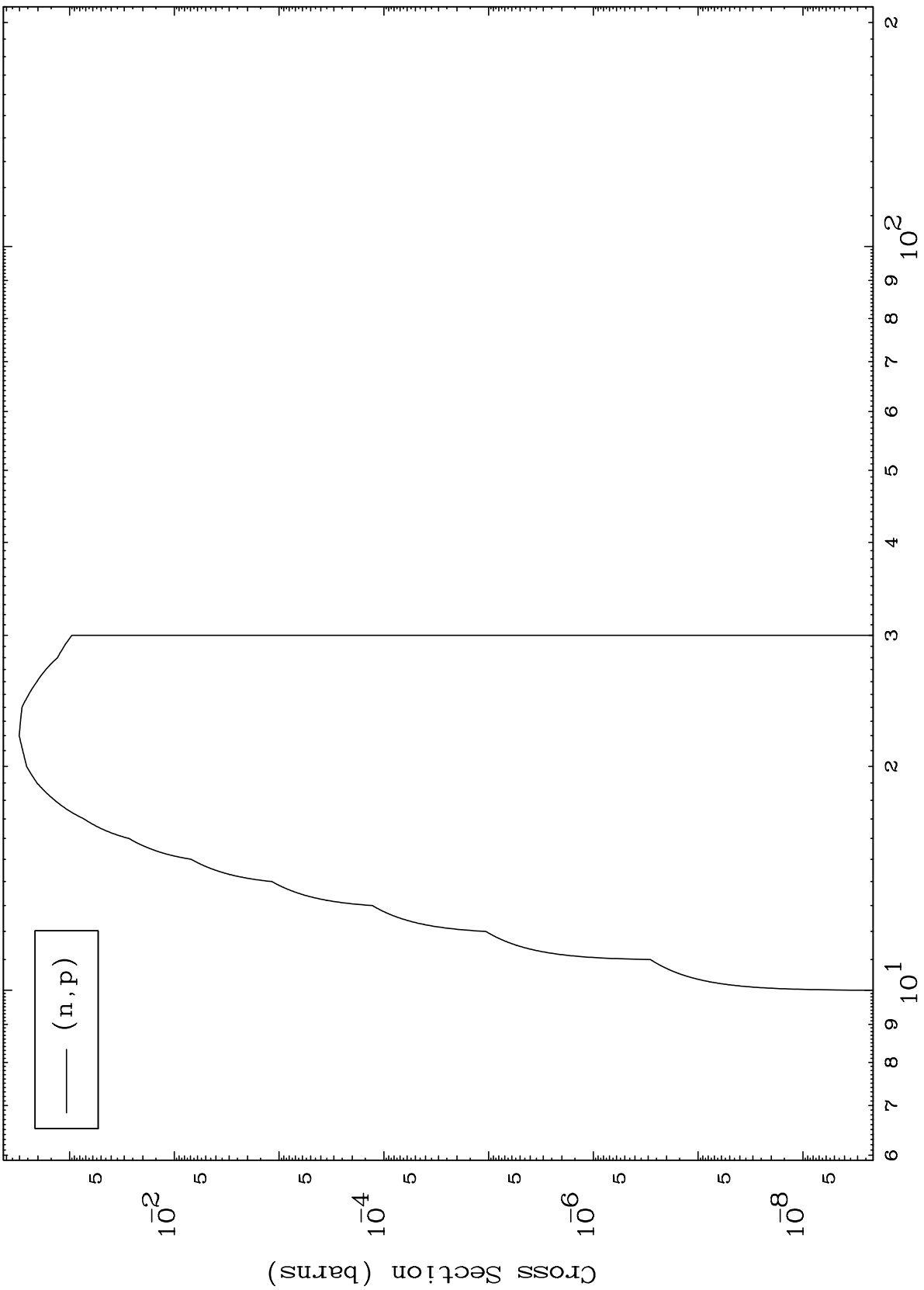




MAT 5998

60-Nd-133

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



(n, p)

60-Nd-133

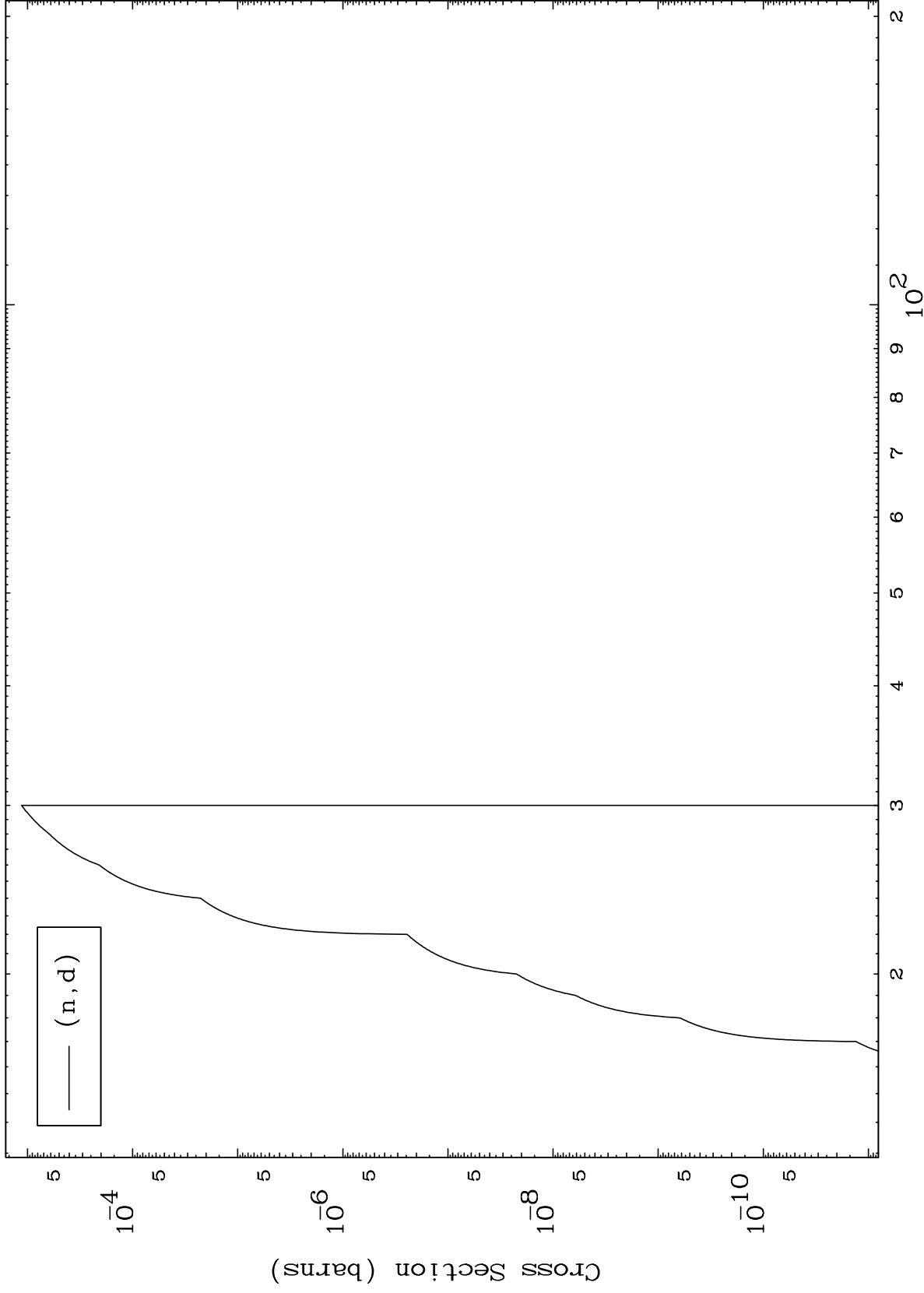
Incident Energy (MeV)

6

MAT 5998

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

$^{60}\text{Nd}-133$

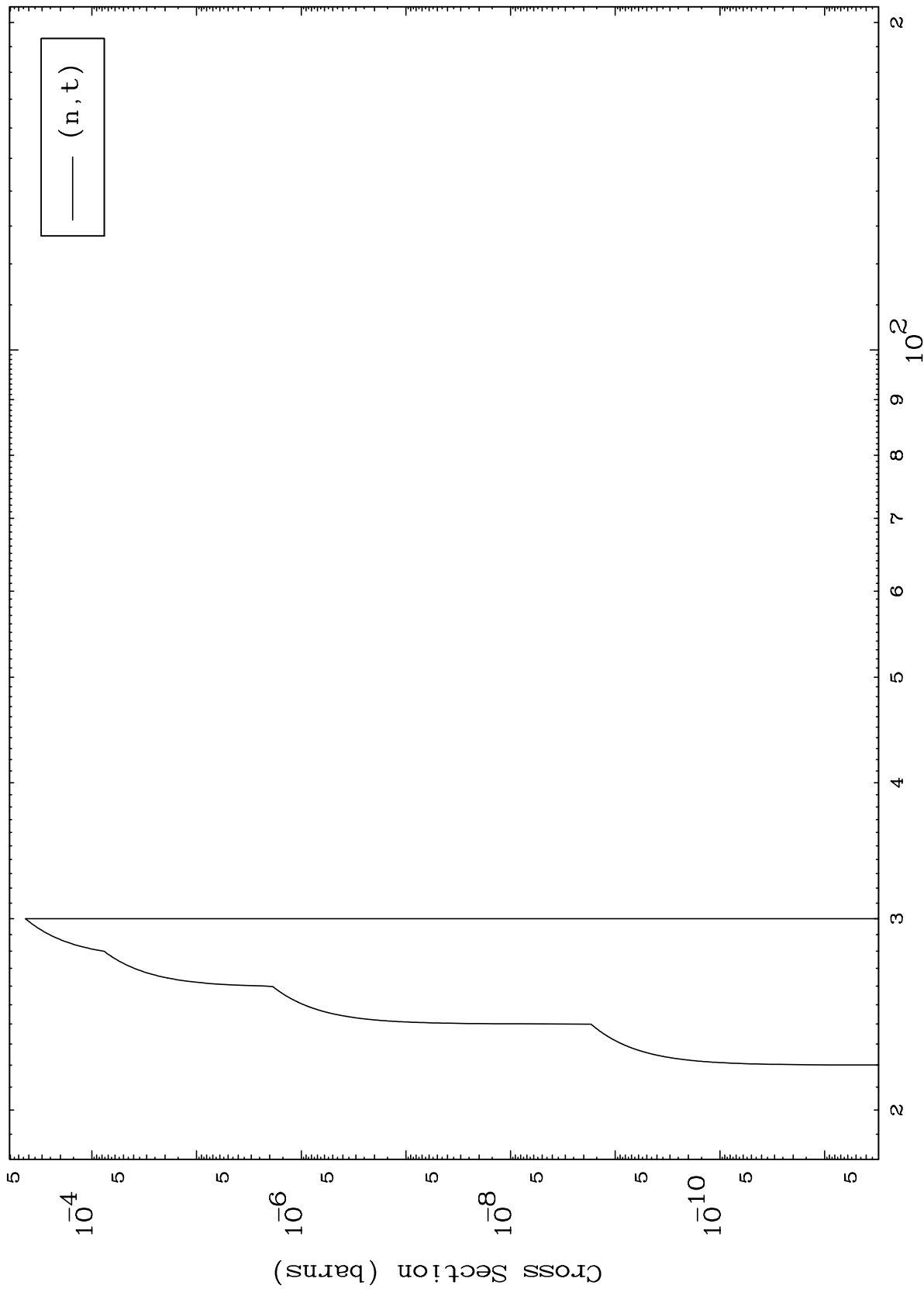




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60-Nd-133

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



60-Nd-133

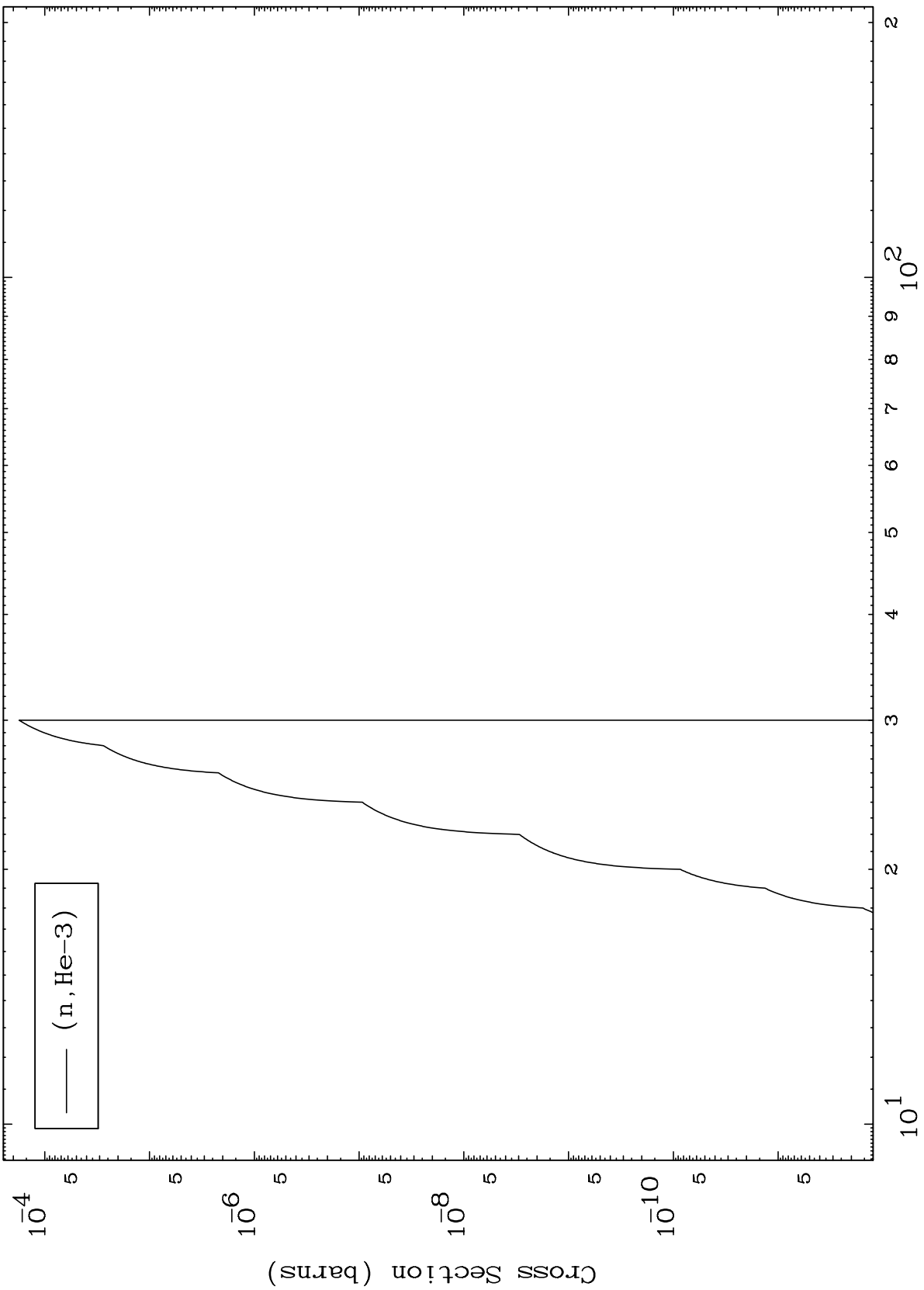
Incident Energy (MeV)

8

MAT 5998

60-Nd-133

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



60-Nd-133

Incident Energy (MeV)

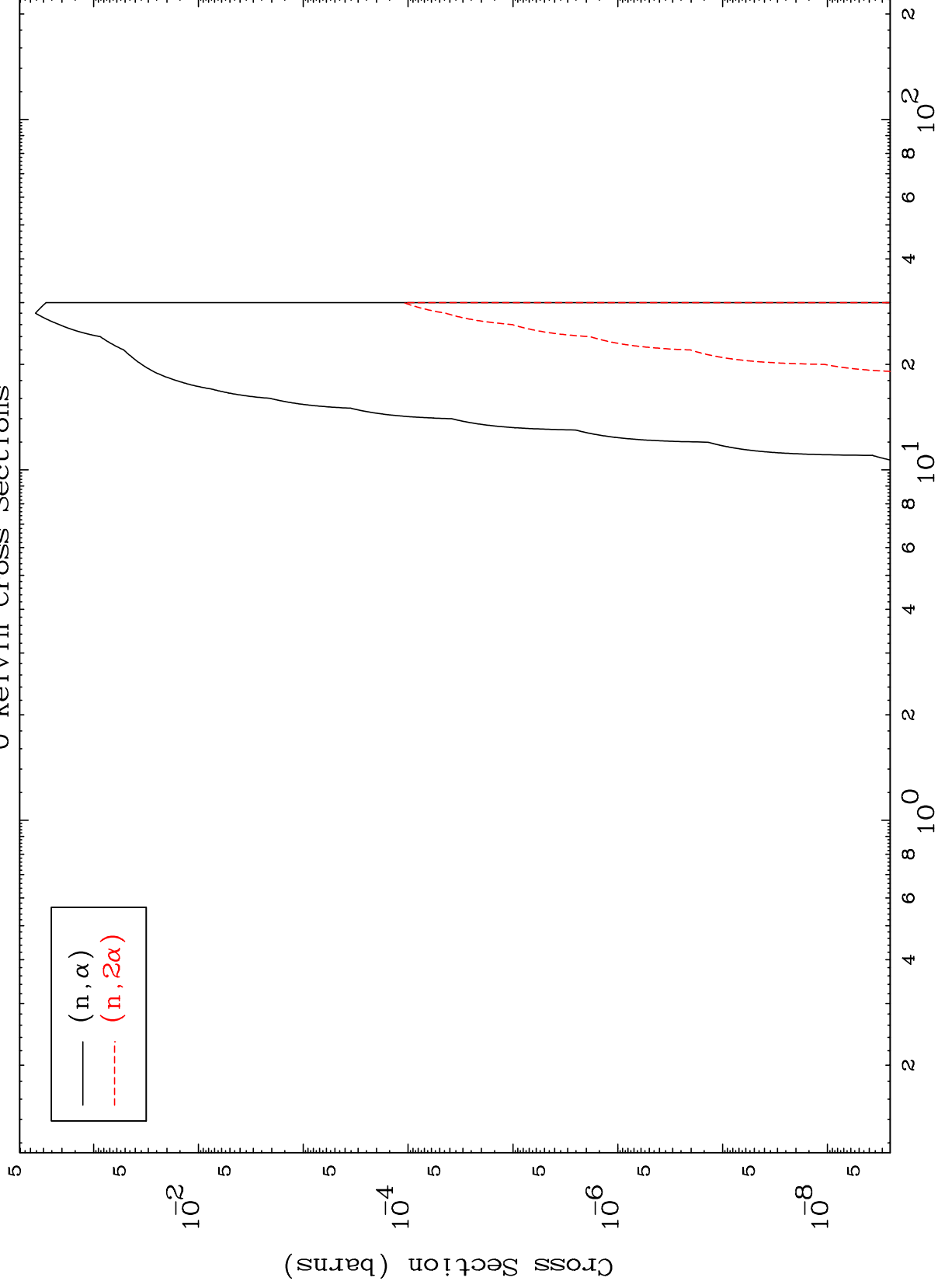
9

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( $\alpha, \alpha$ ) Levels

60-Nd-133

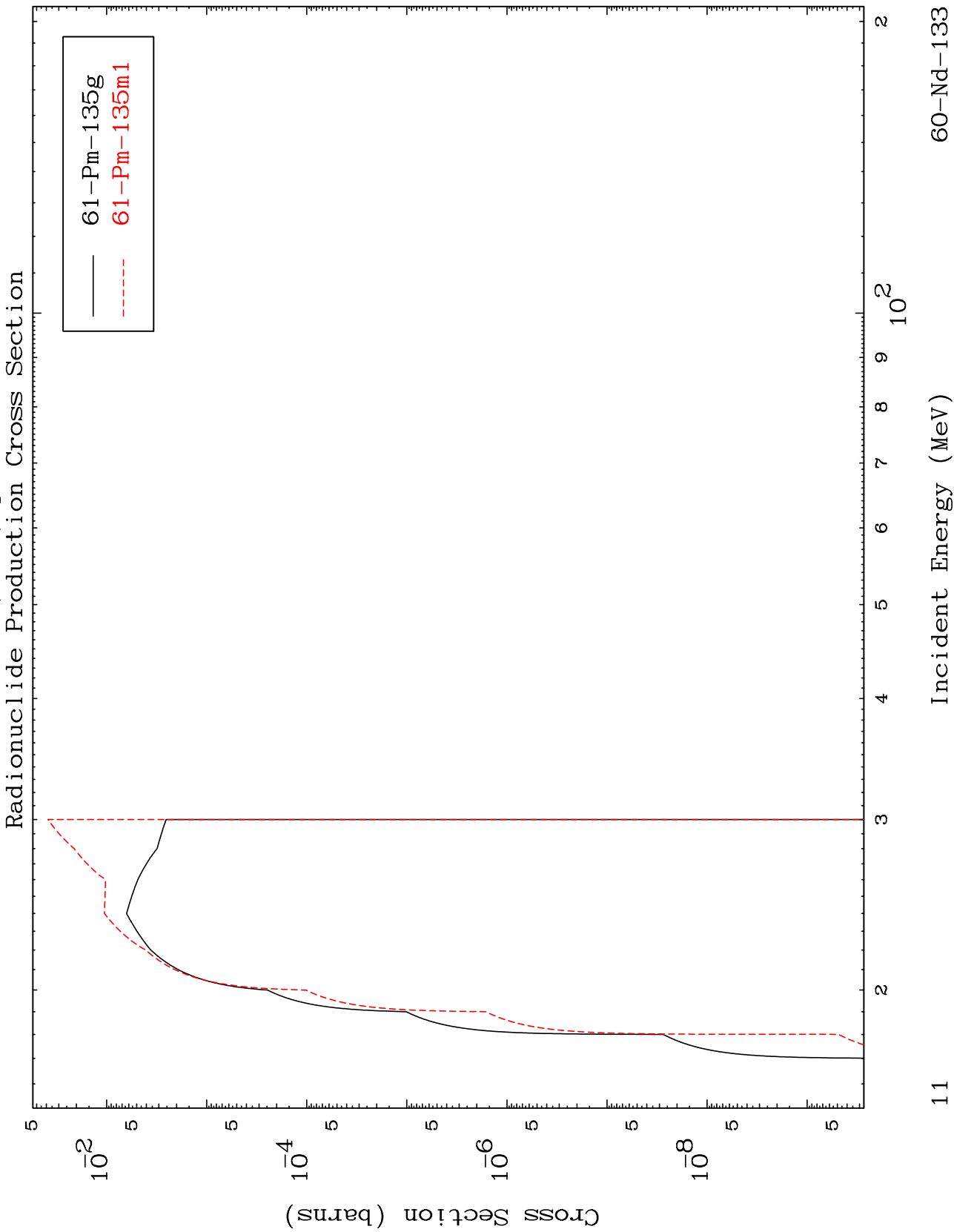
0 Kelvin Cross Sections



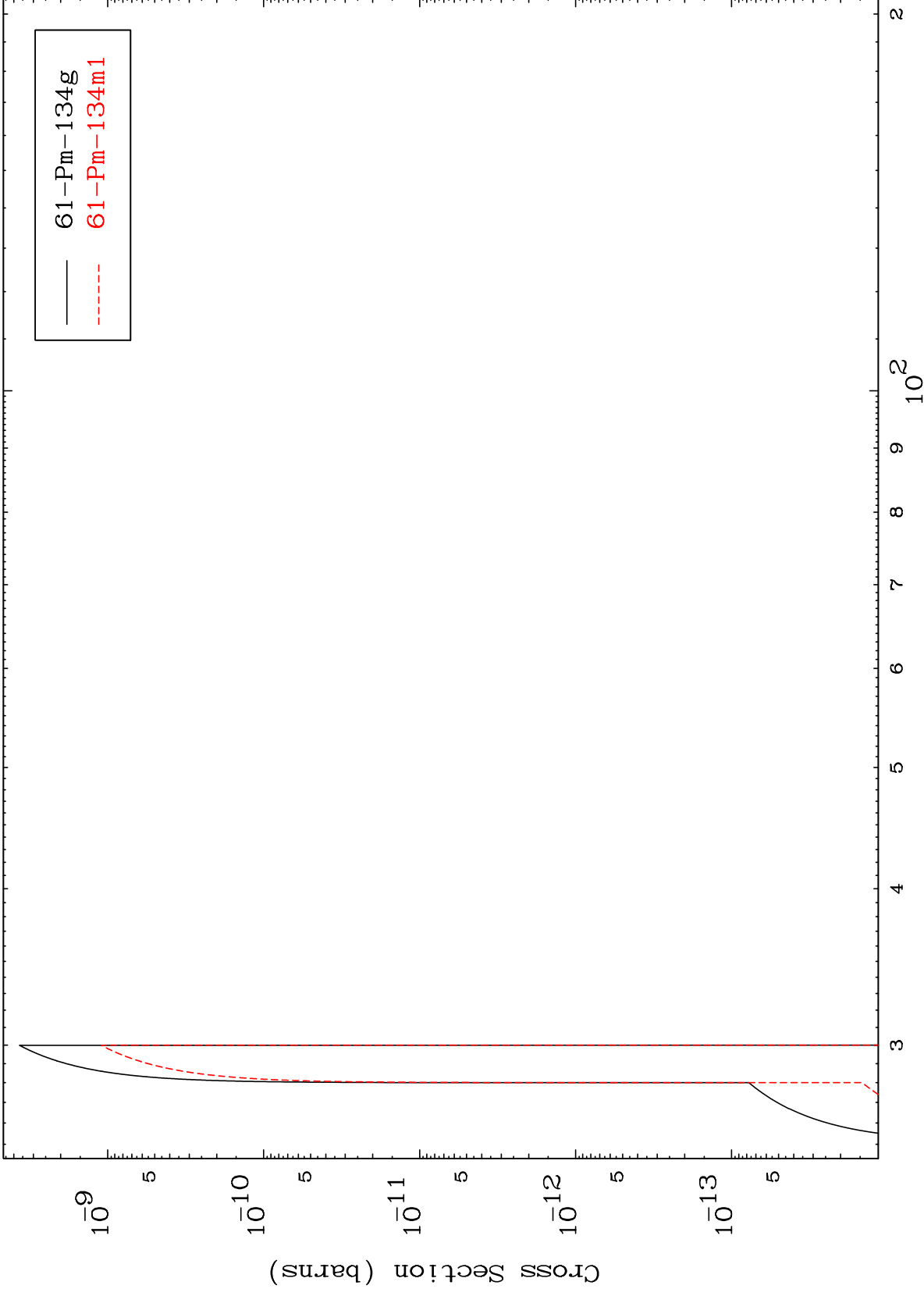
10

Incident Energy (MeV)

60-Nd-133



Radionuclide Production Cross Section

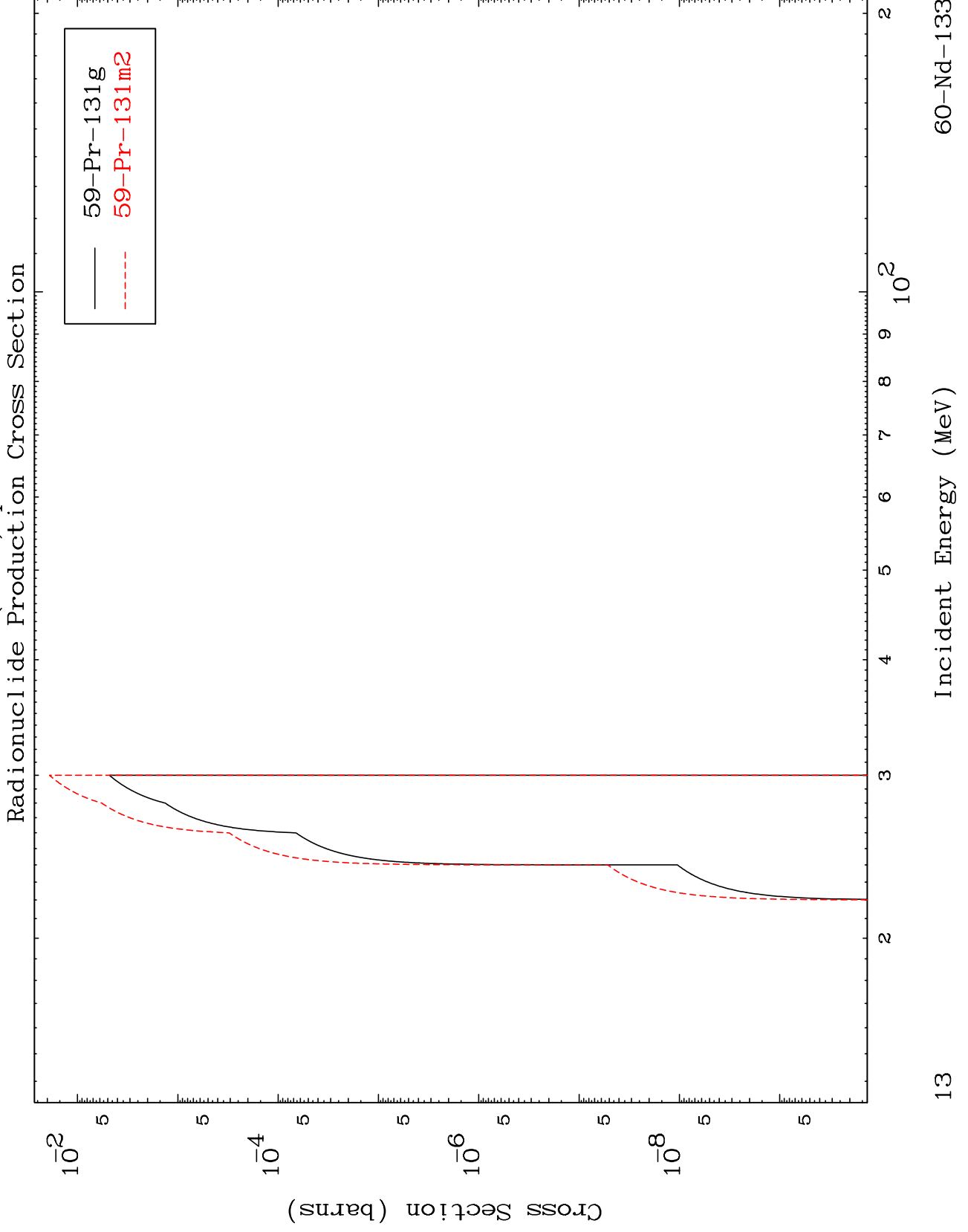


61-Pm-134g  
61-Pm-134m1

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(n,n') p  $\alpha$

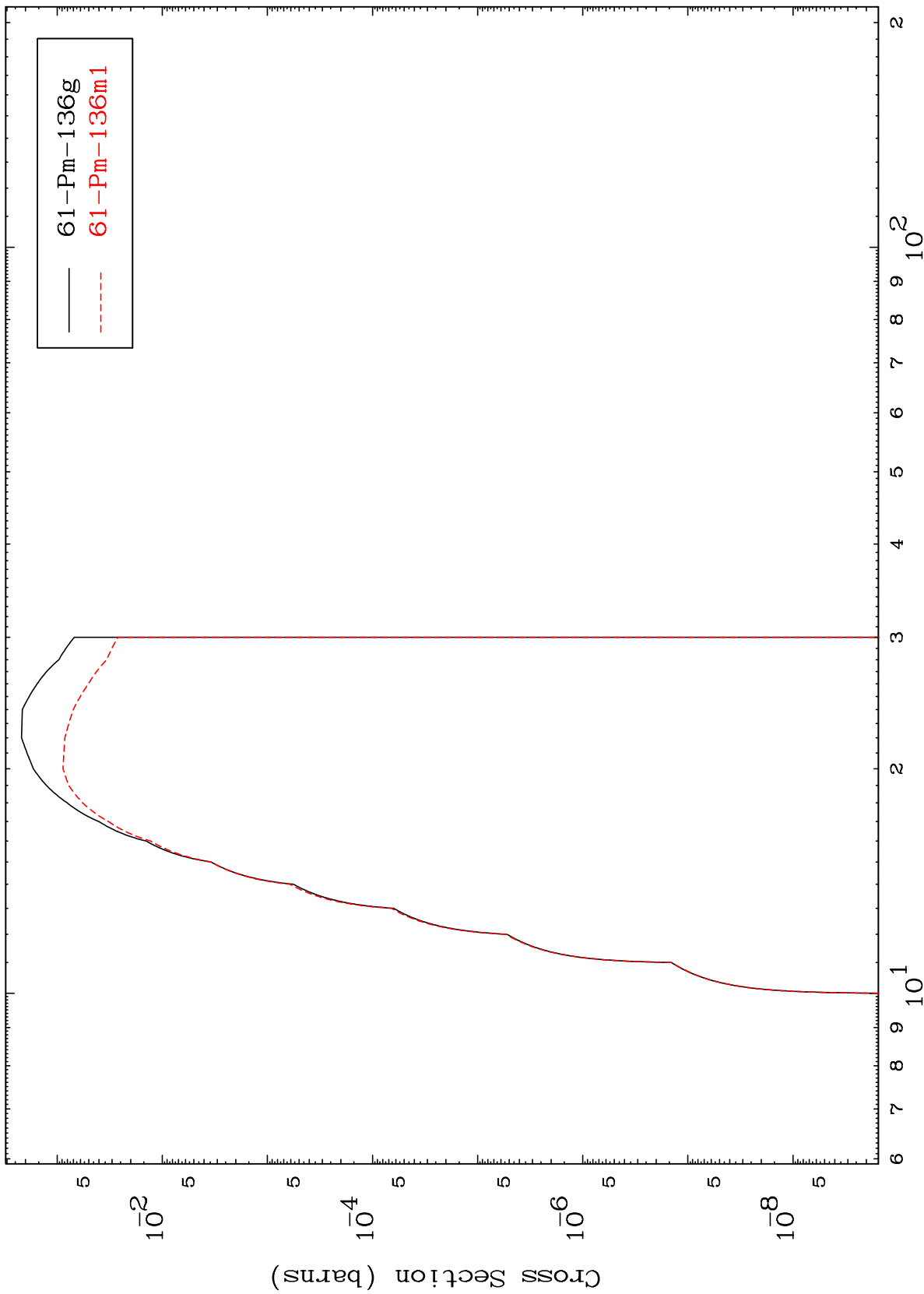
60-Nd-133



MAT 5998

60-Nd-133

(n,p)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

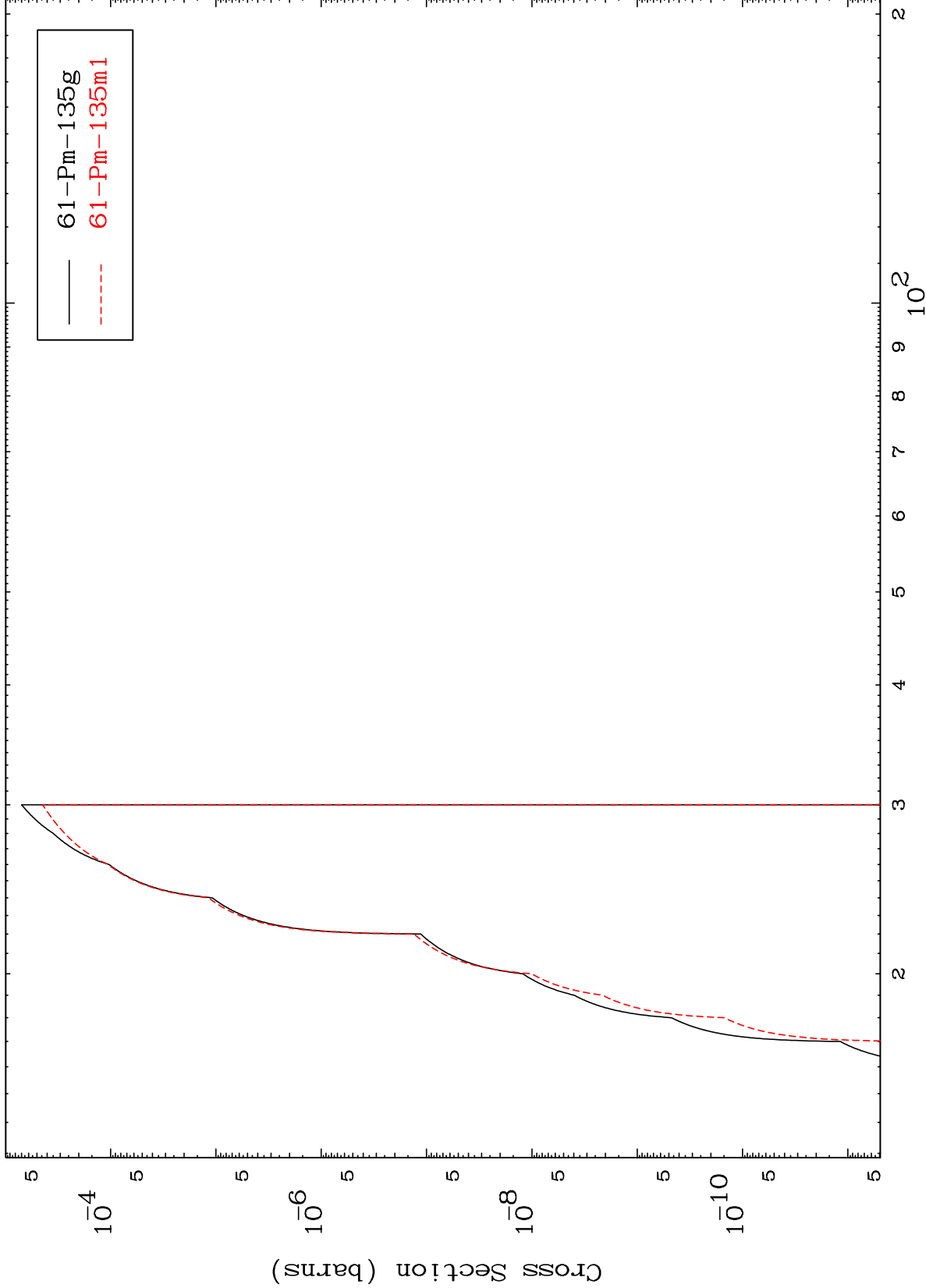
60-Nd-133

MAT 5998

(n,d)

60-Nd-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-133

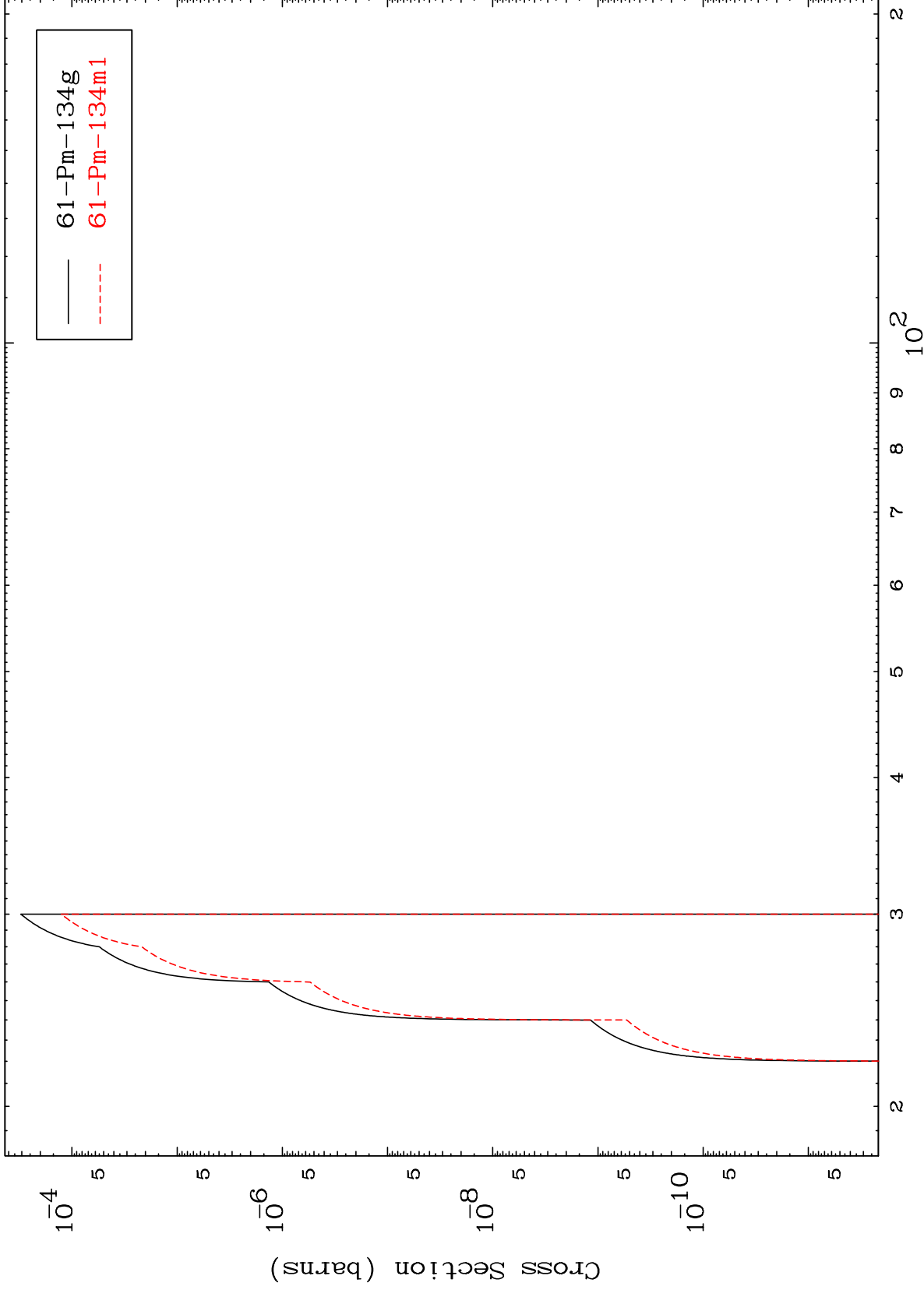


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(n, t)

60-Nd-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

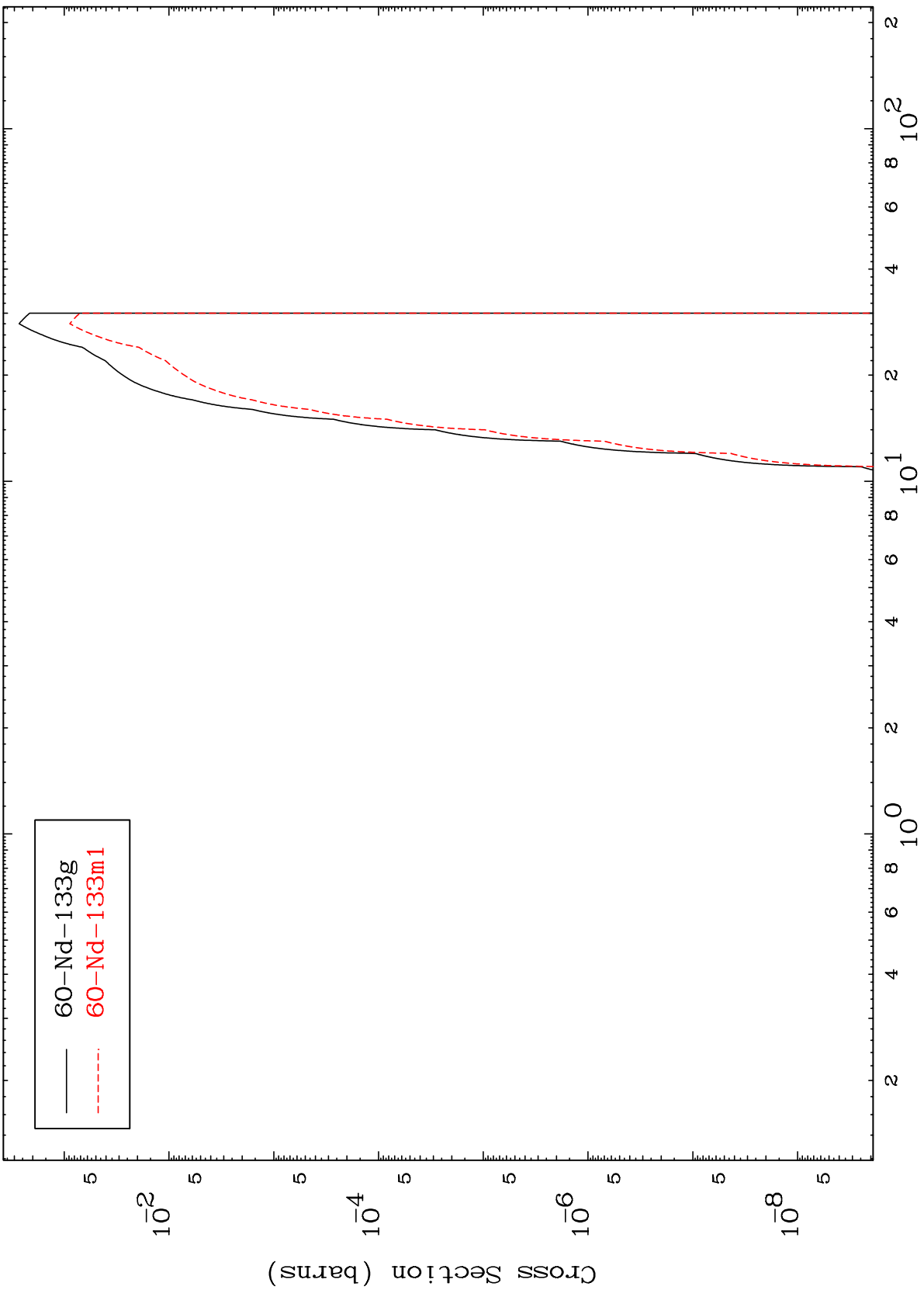
60-Nd-133

MAT 5998

(n,  $\alpha$ )

60-Nd-133

Radionuclide Production Cross Section

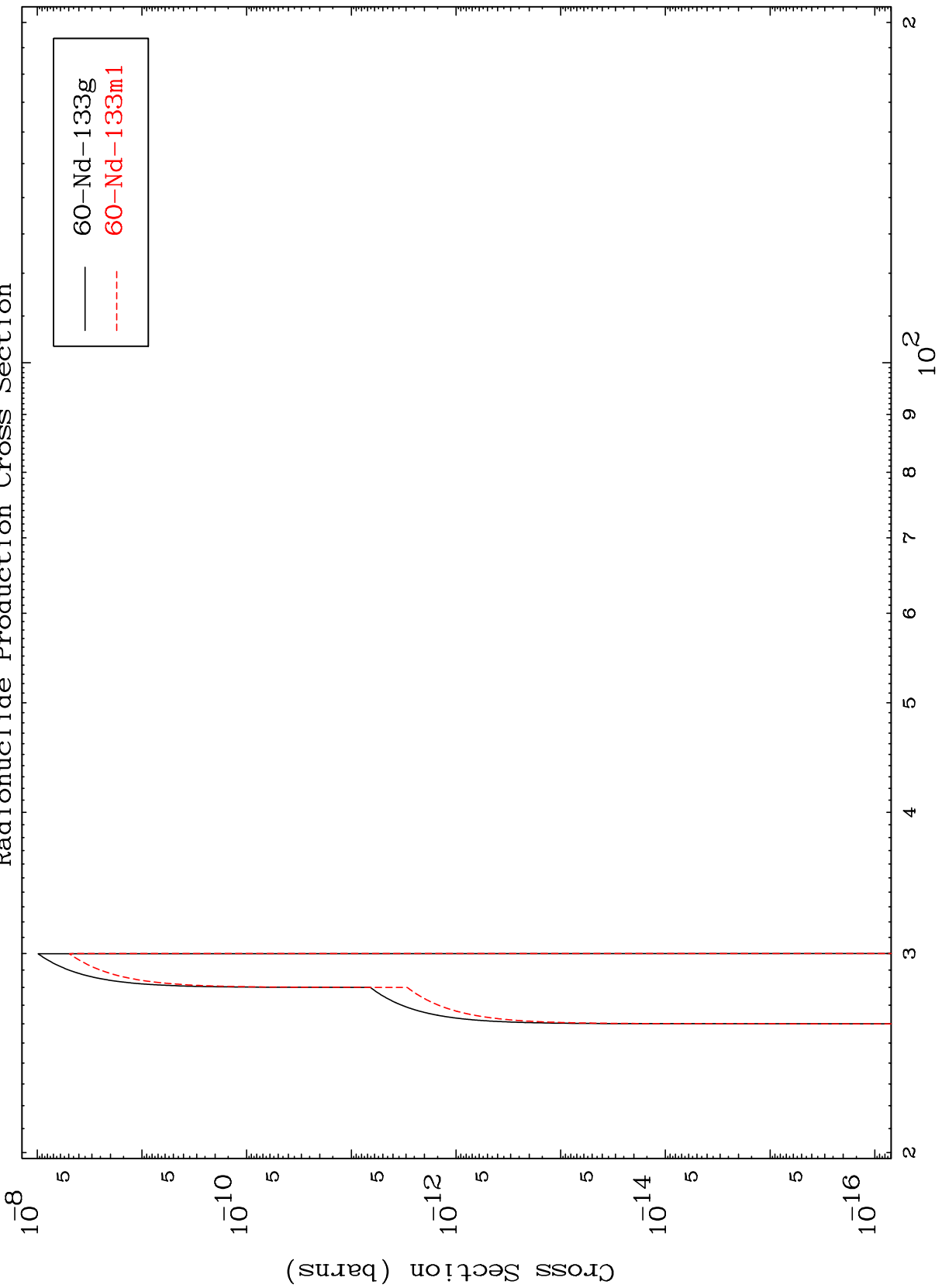


MAT 5998

(n,p) t

<sup>60</sup>Nd-133

Radionuclide Production Cross Section



18

Incident Energy (MeV)

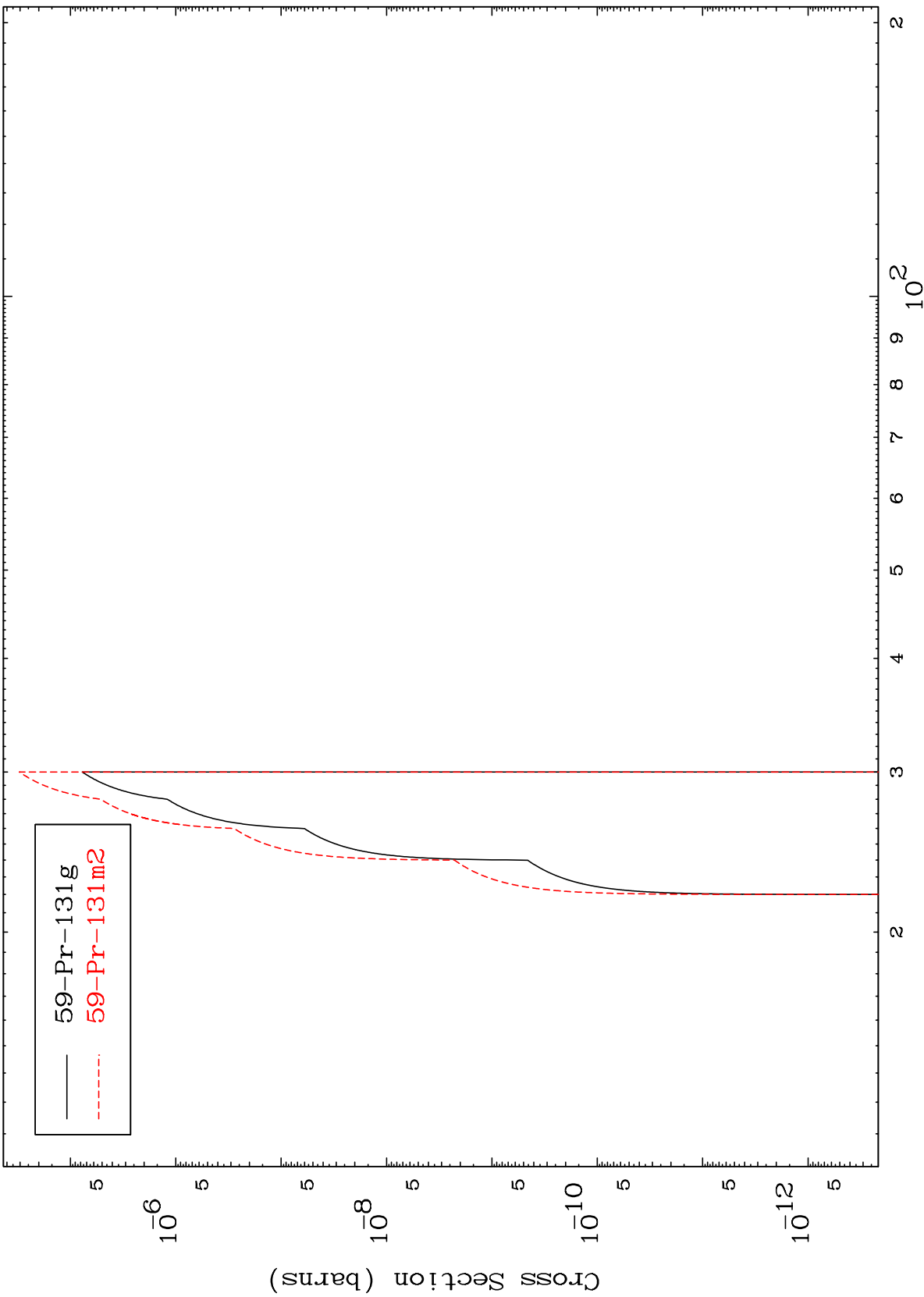
<sup>60</sup>Nd-133

MAT 5998

(n,d)  $\alpha$

60-Nd-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-133