

Program EVALPLOT  
(Version 2021-1)

by

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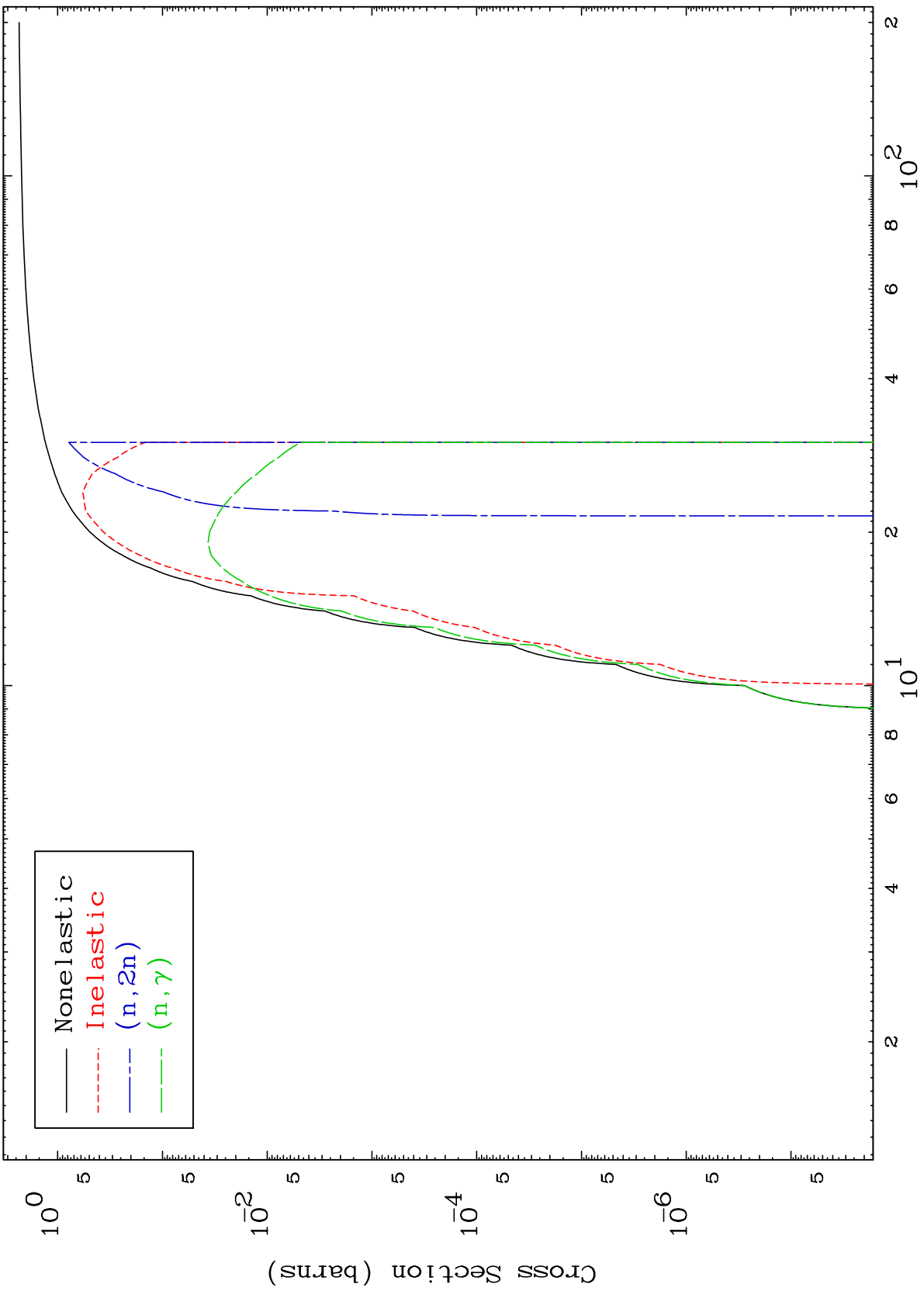
Press Mouse Button to Start

MAT 6010

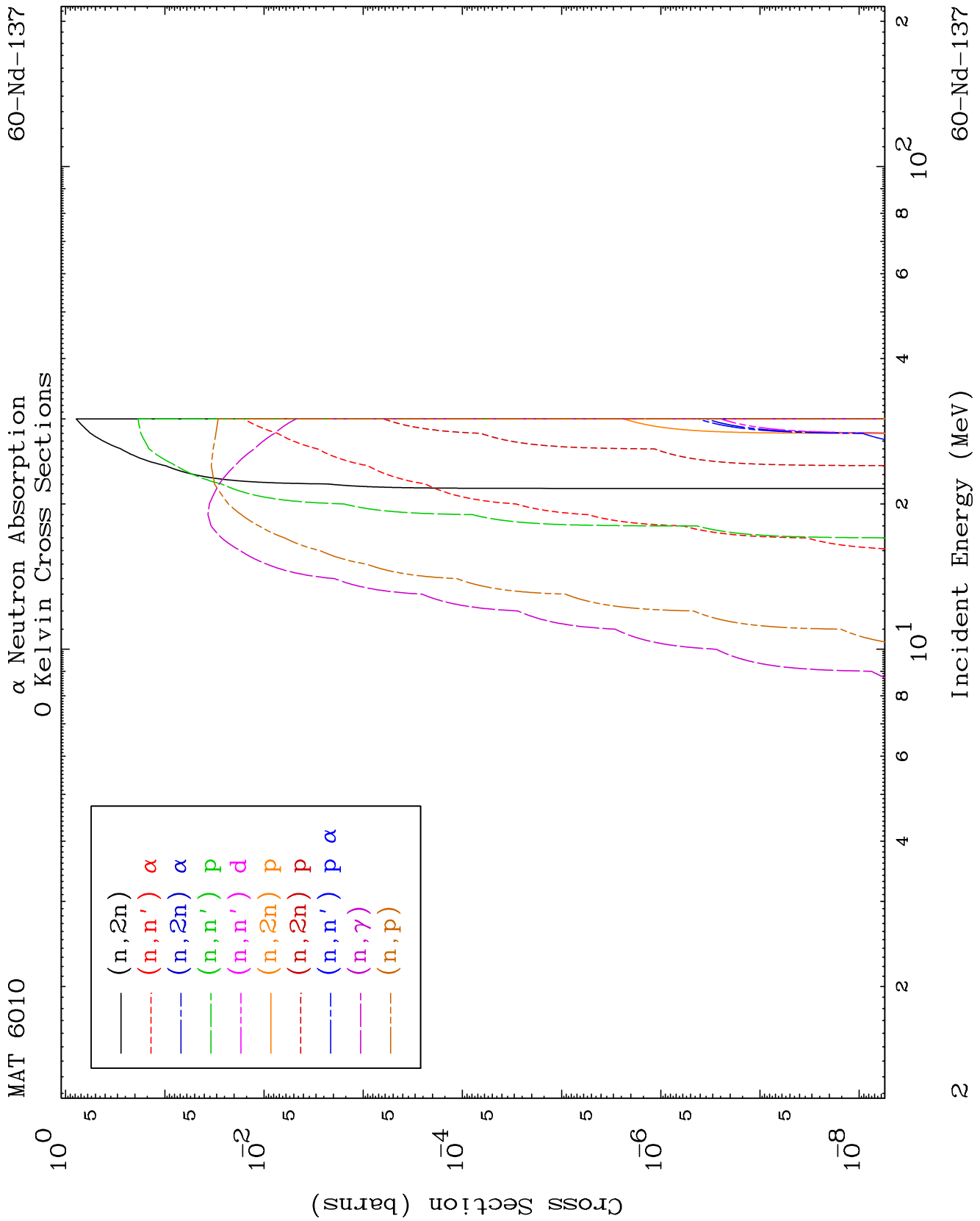
$\alpha$  Major

60-Nd-137

0 Kelvin Cross Sections



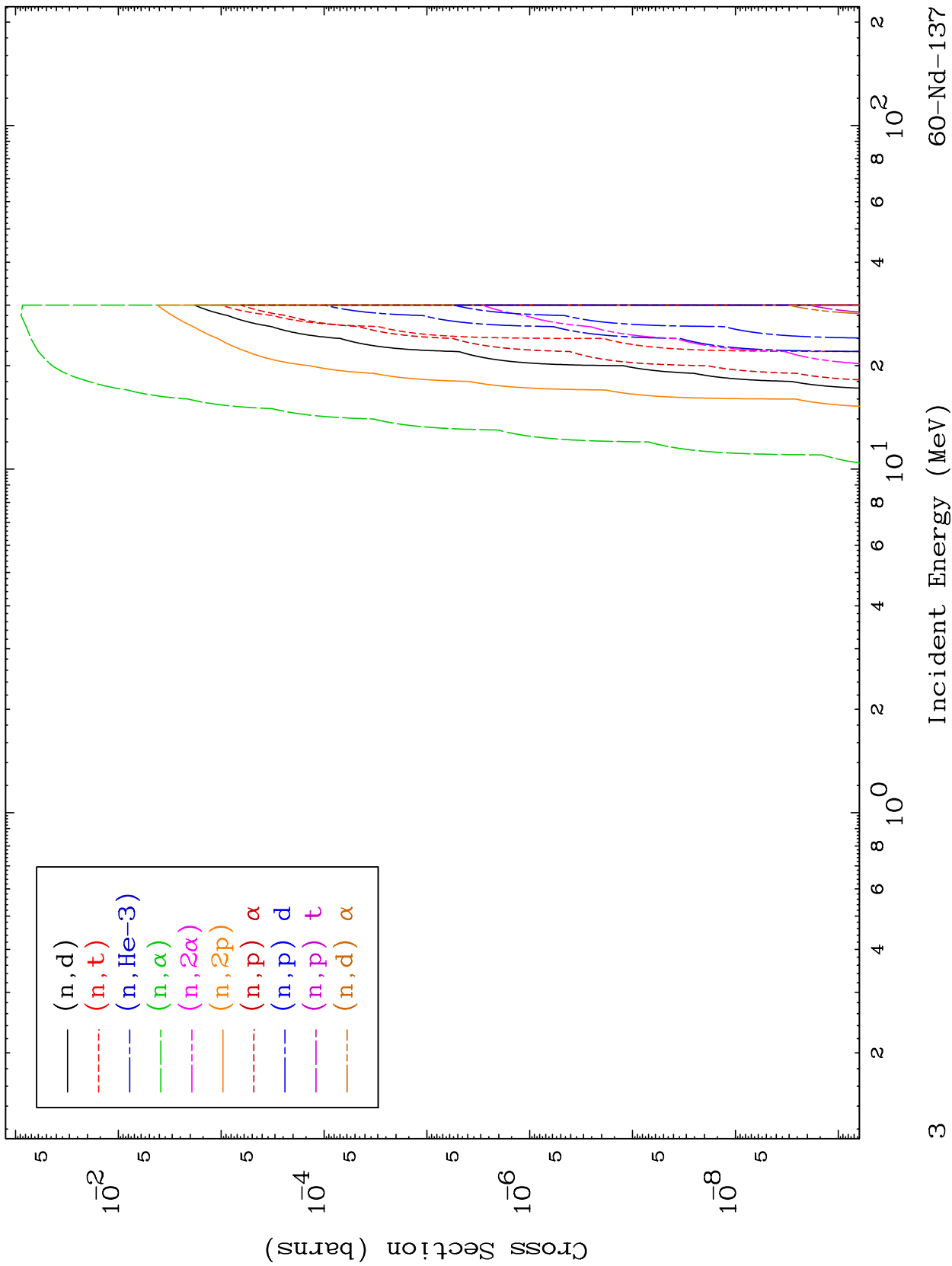
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )



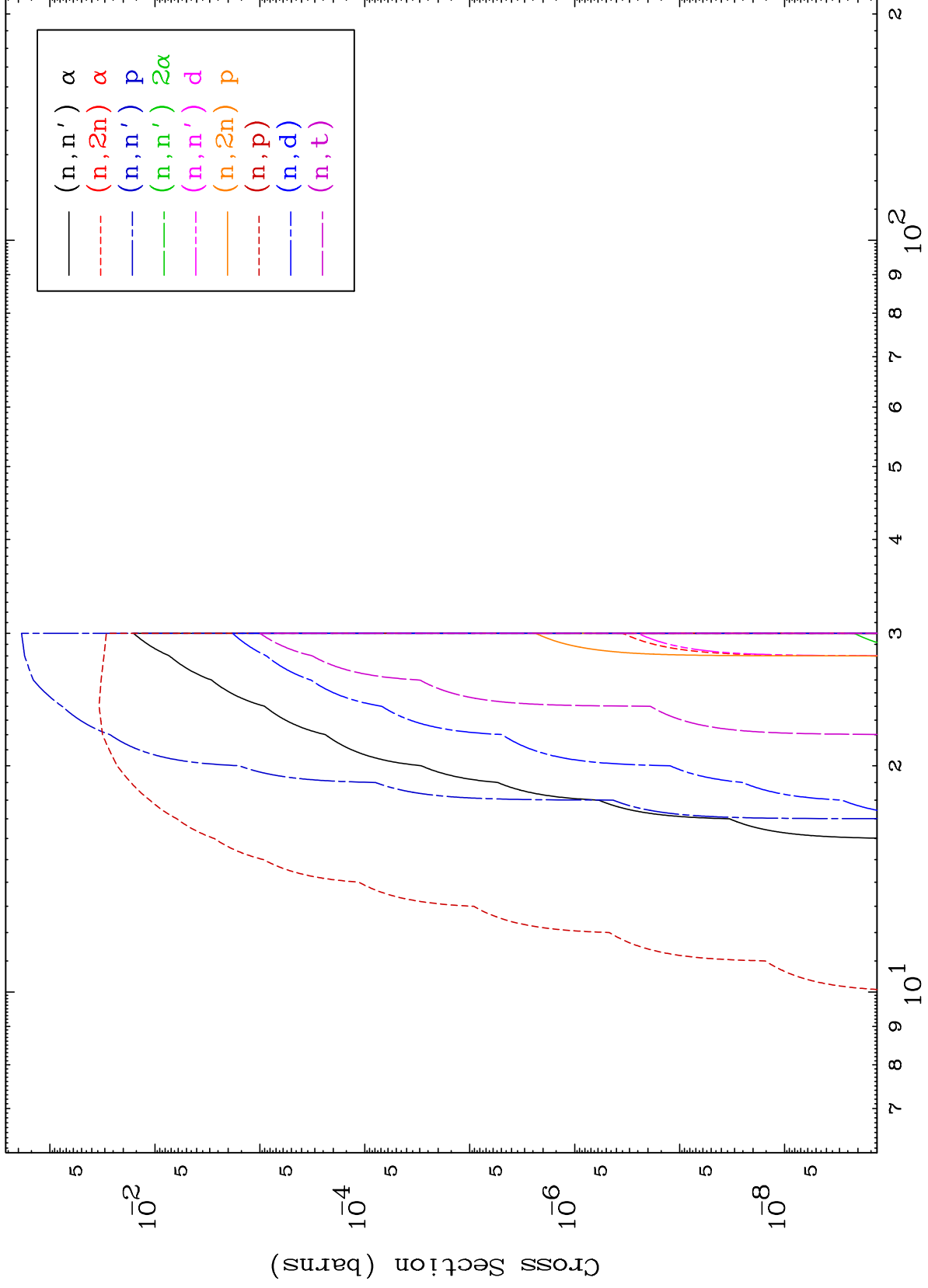
MAT 6010

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-137



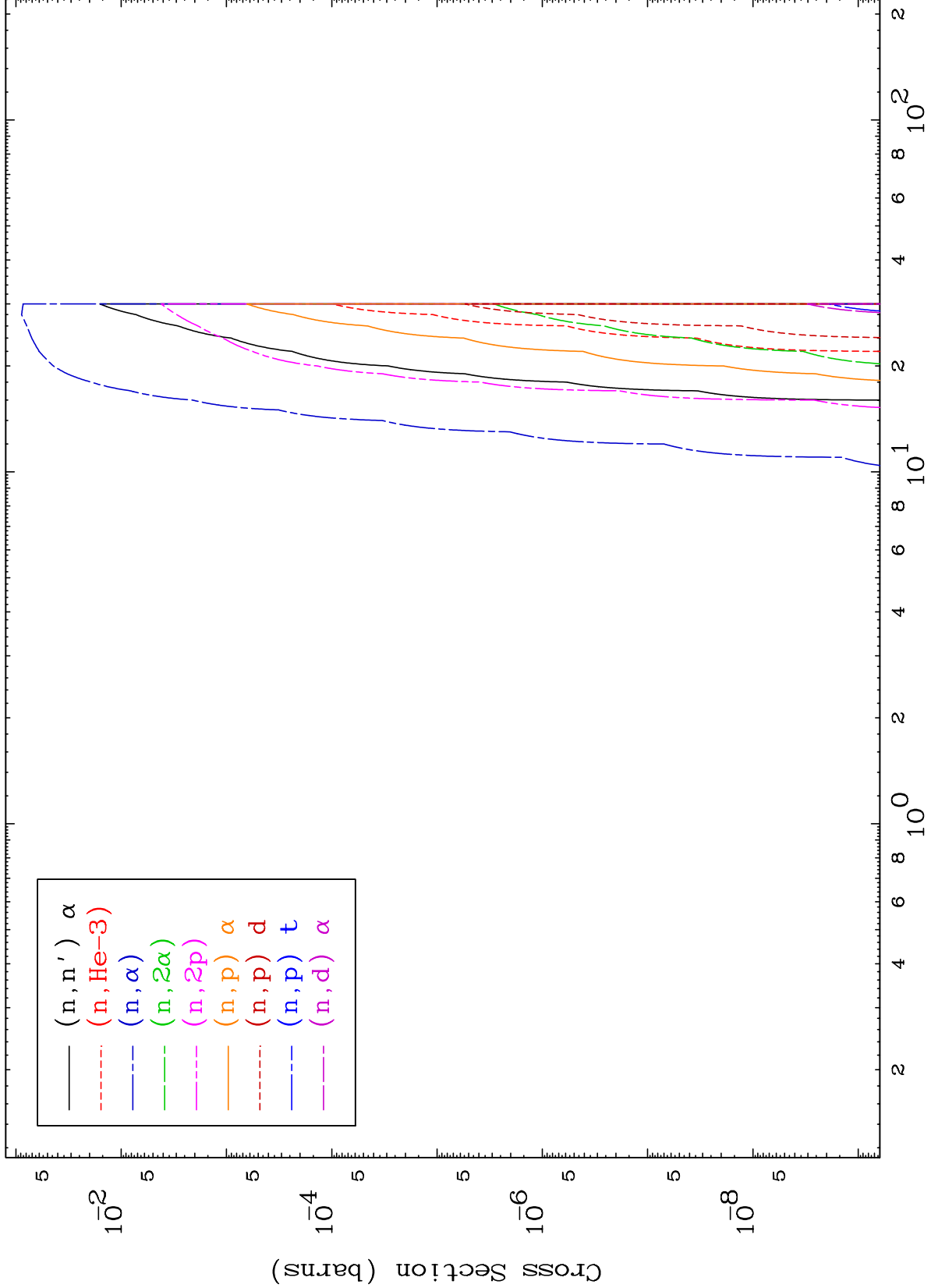
60-Nd-137



MAT 6010

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

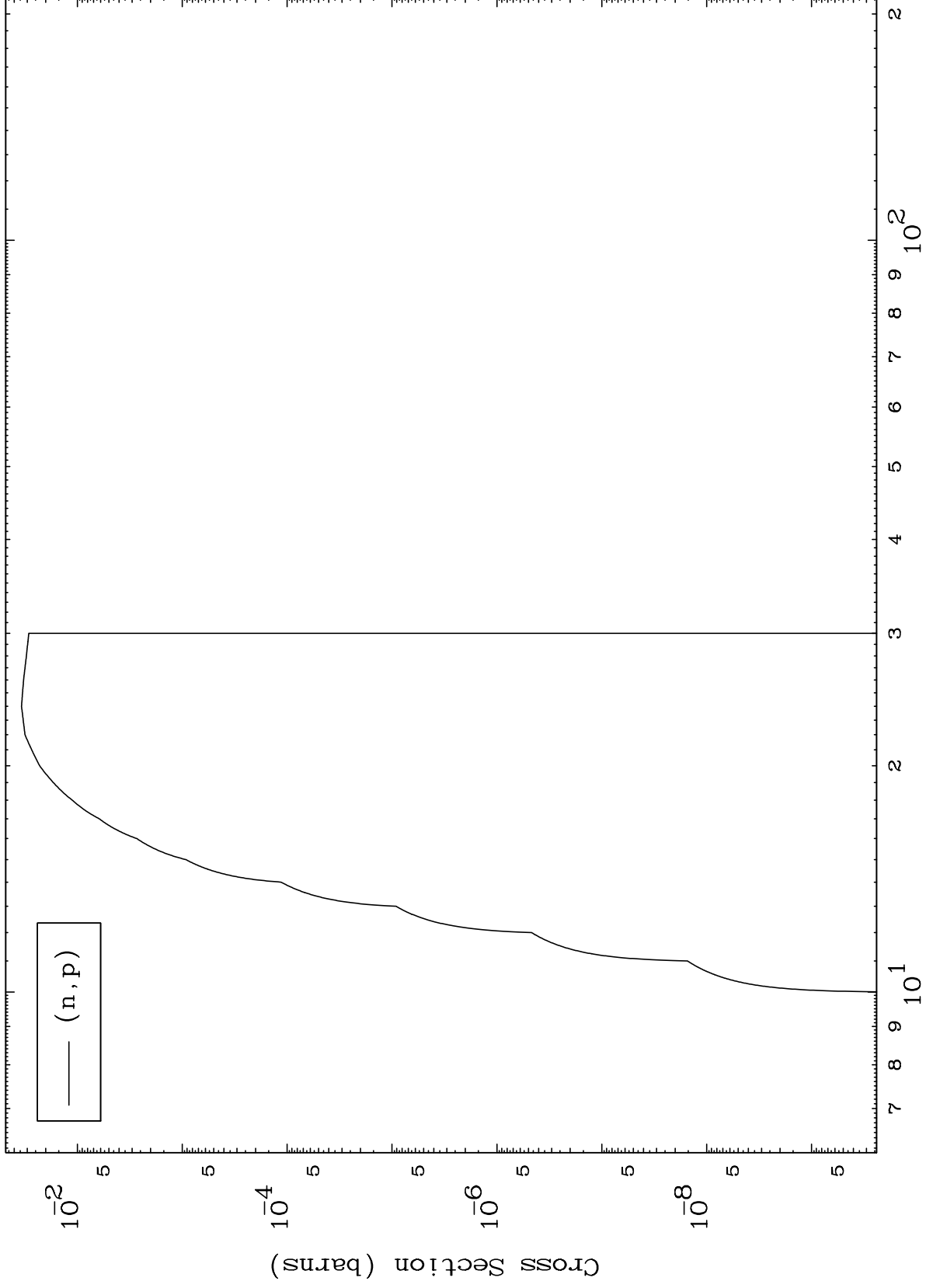
60-Nd-137



MAT 6010

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

$^{60}\text{Nd}-137$



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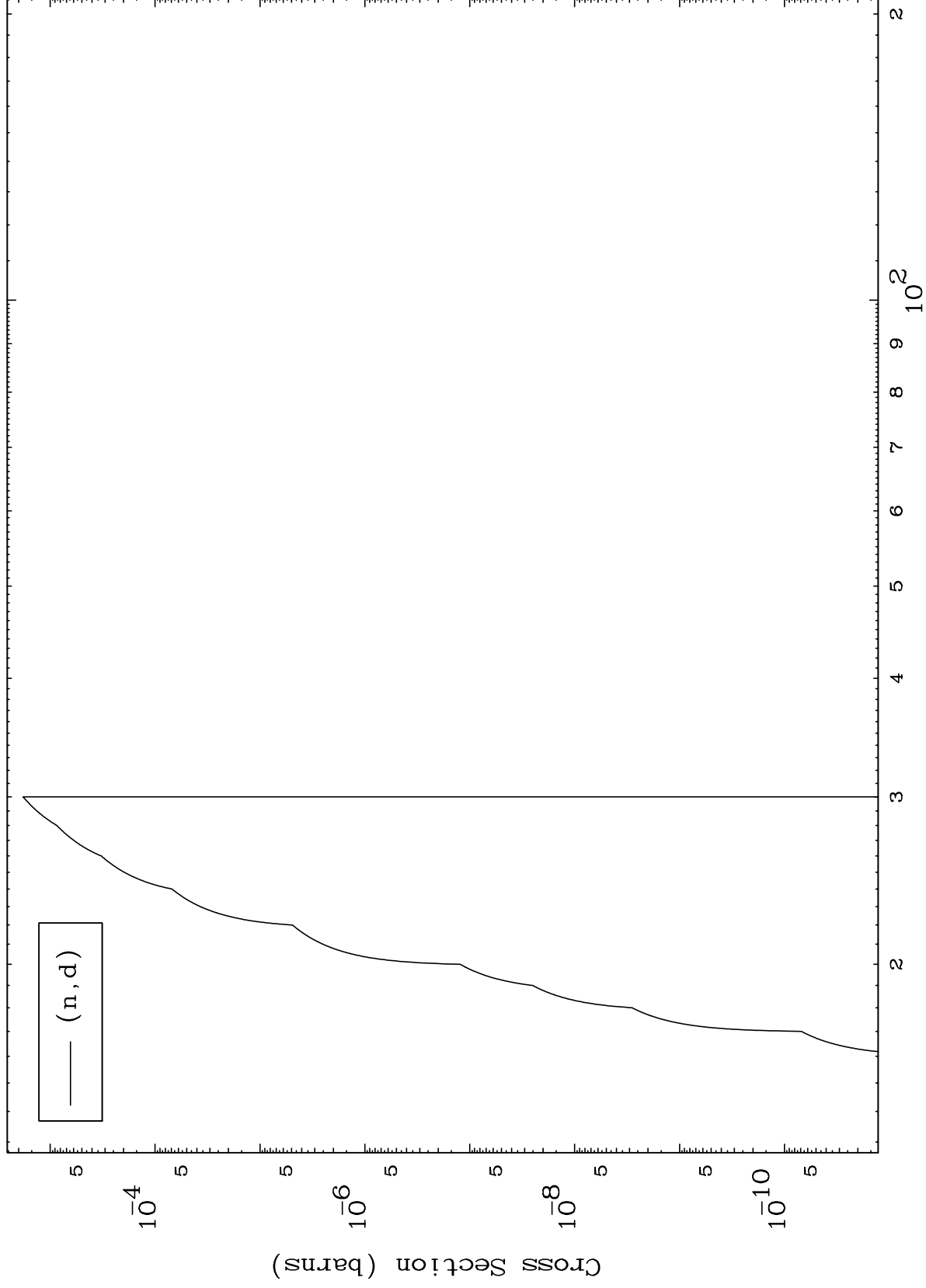
Incident Energy (MeV)

$^{60}\text{Nd}-137$

MAT 6010

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

60-Nd-137



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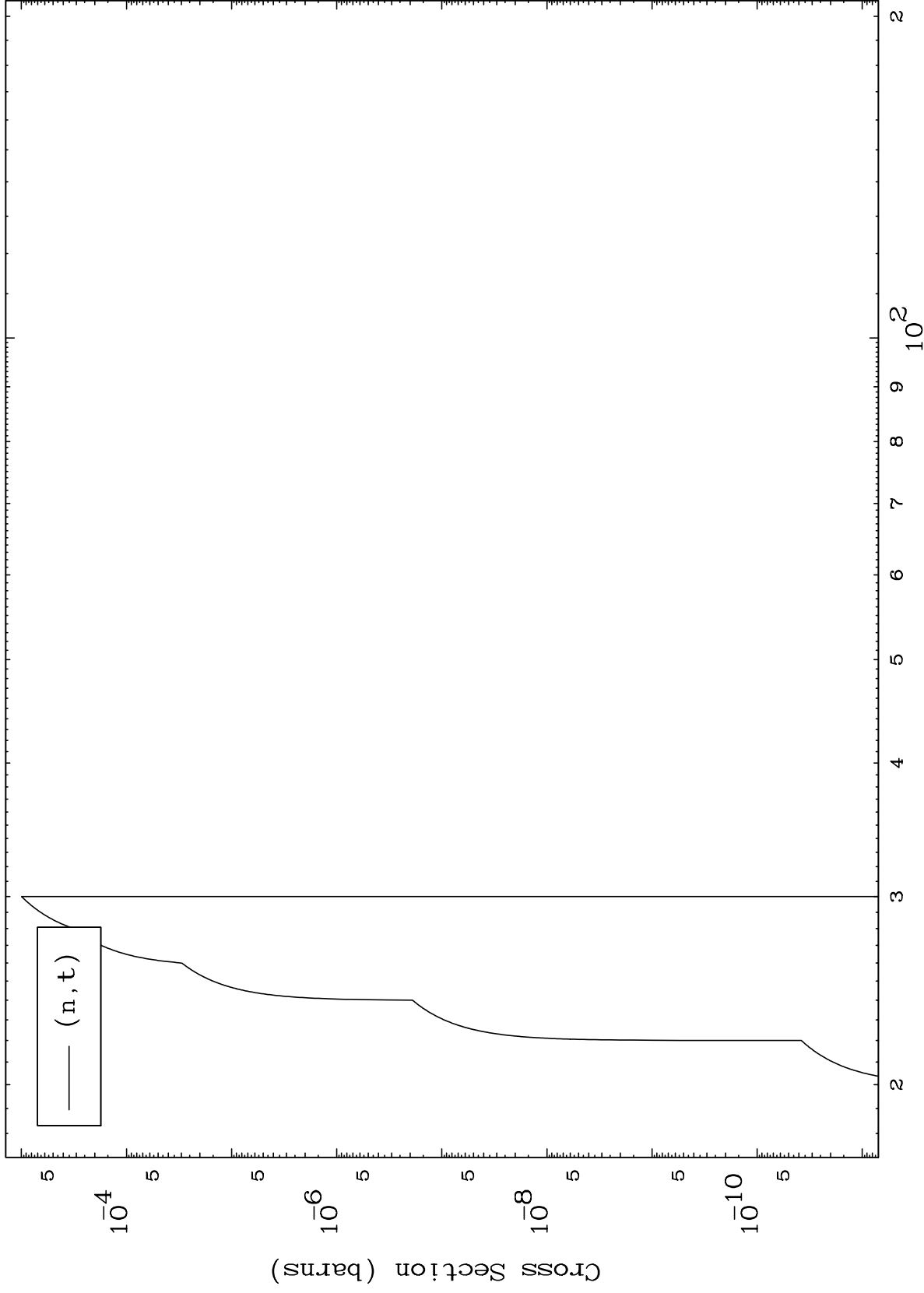
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



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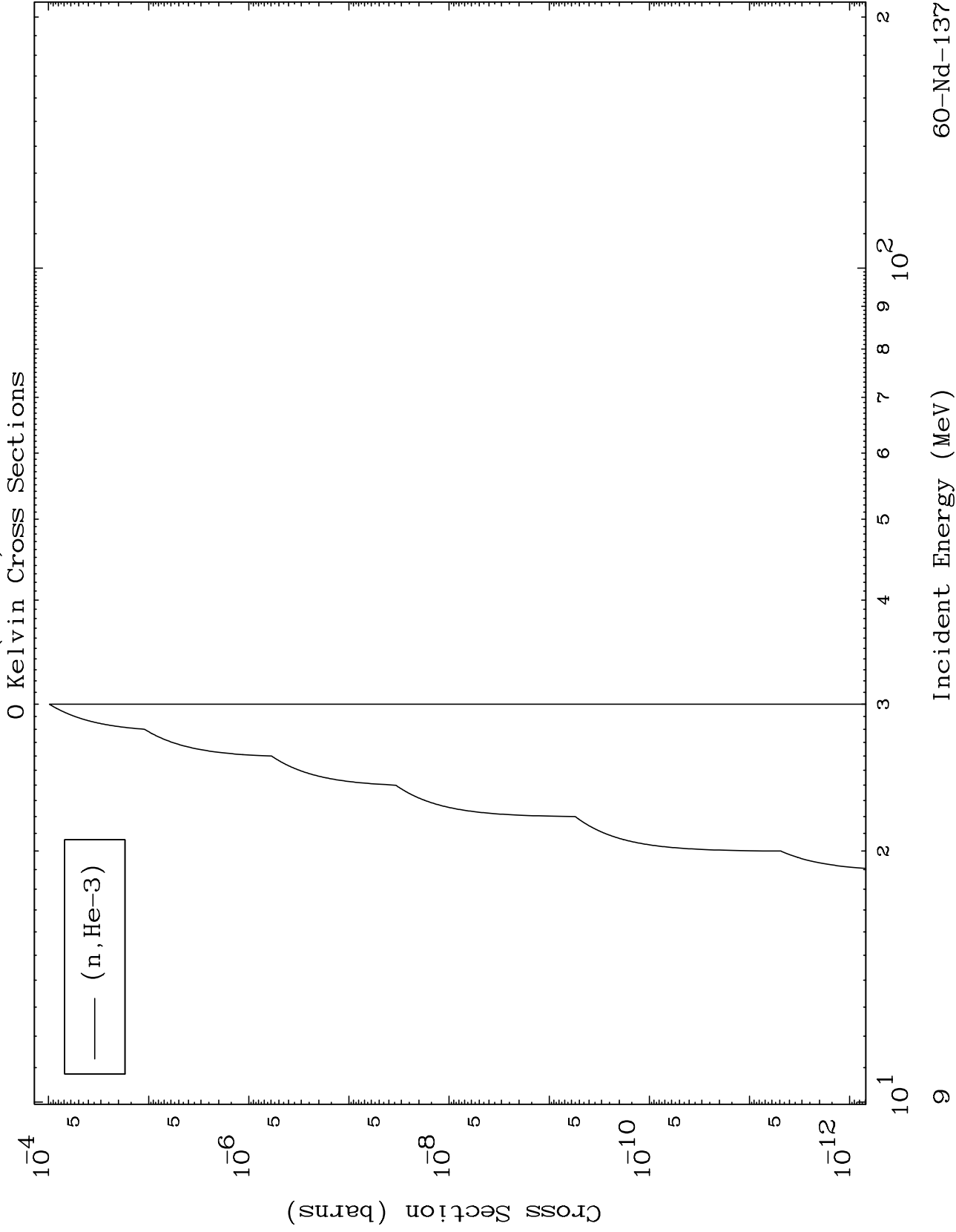
Incident Energy (MeV)

60-Nd-137

MAT 6010

( $\alpha, \text{He}3$ ) Levels

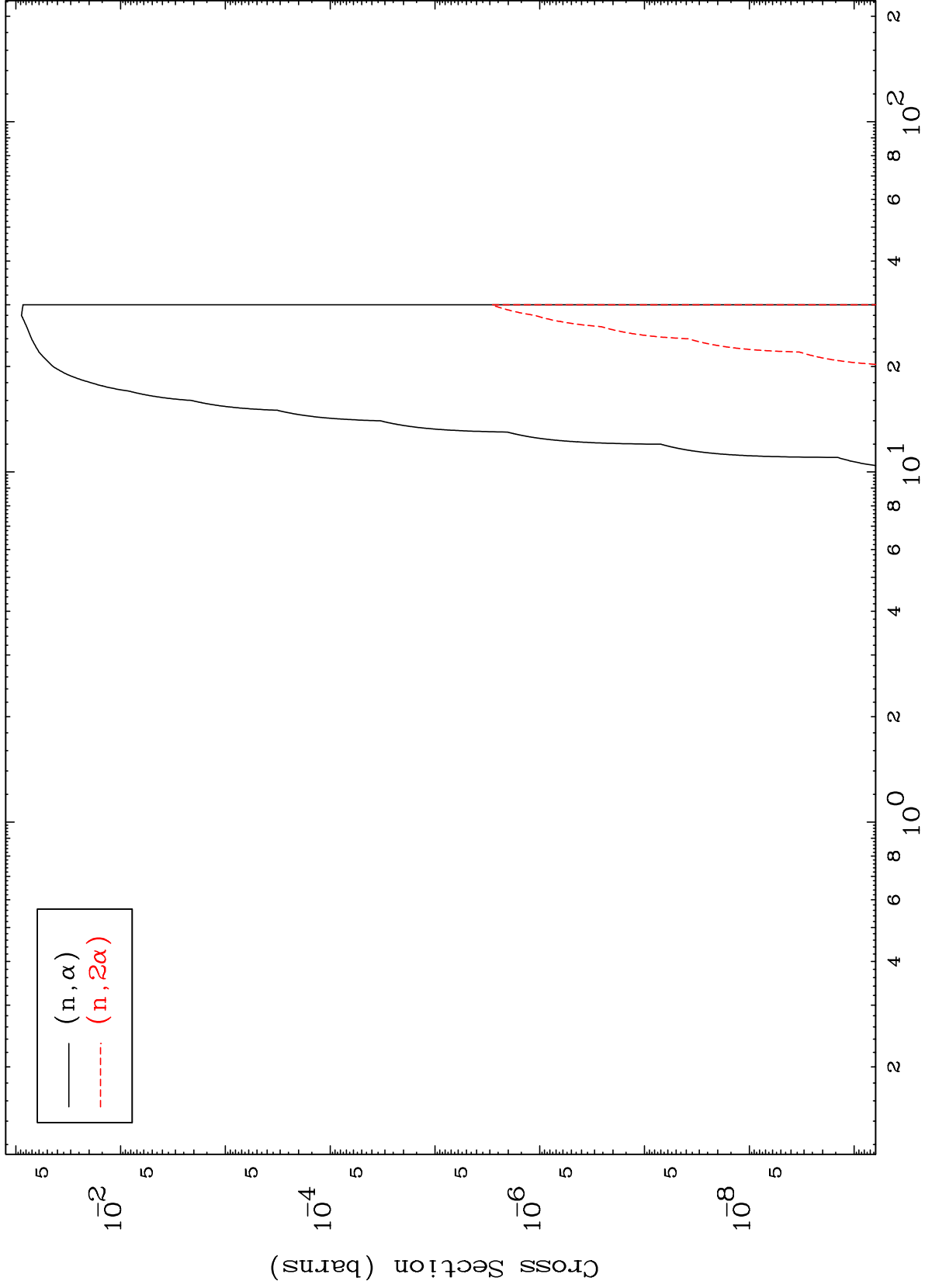
60-Nd-137



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

60-Nd-137



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Incident Energy (MeV)

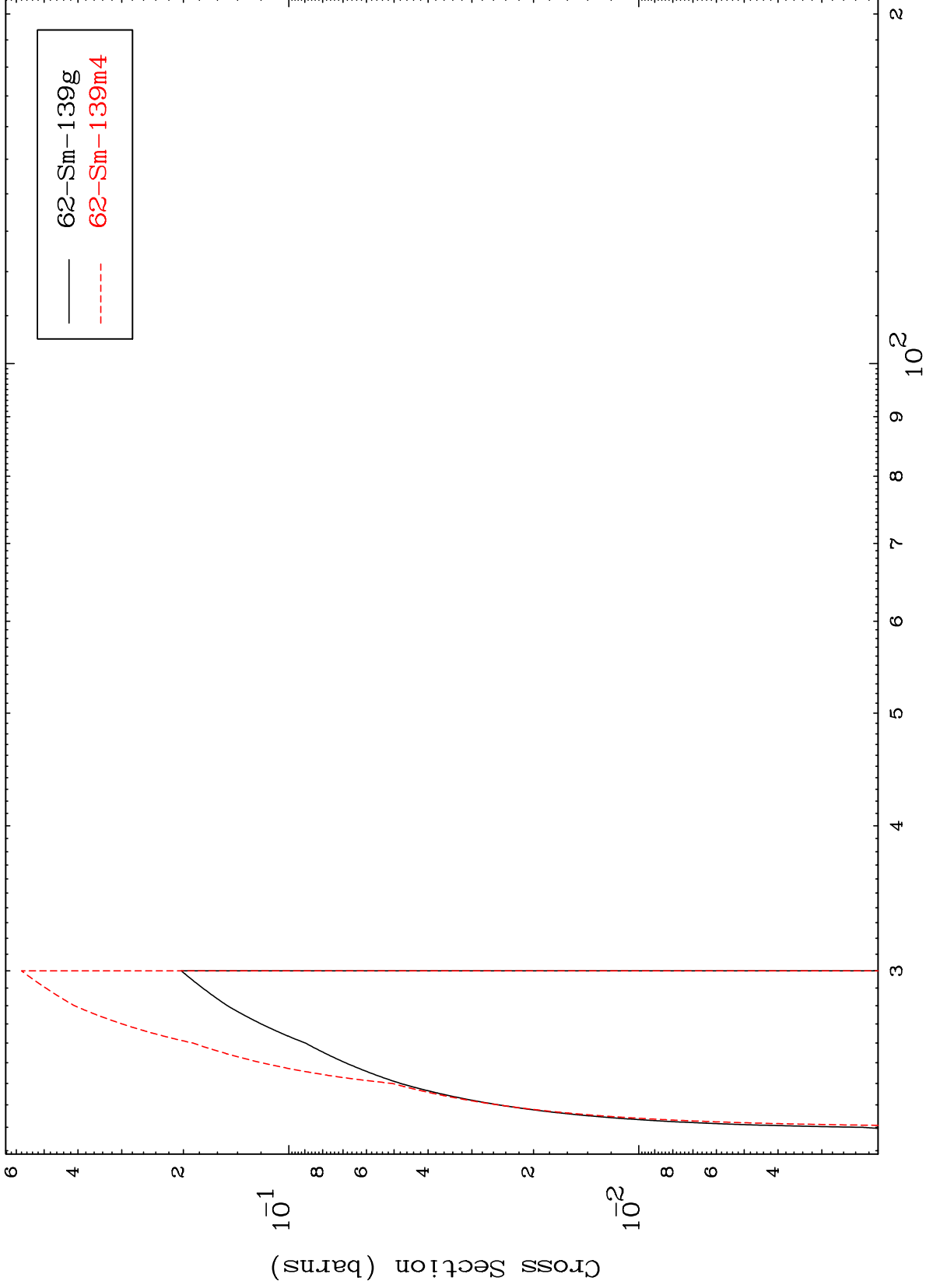
60-Nd-137

MAT 6010

(n,2n)

60-Nd-137

Radionuclide Production Cross Section

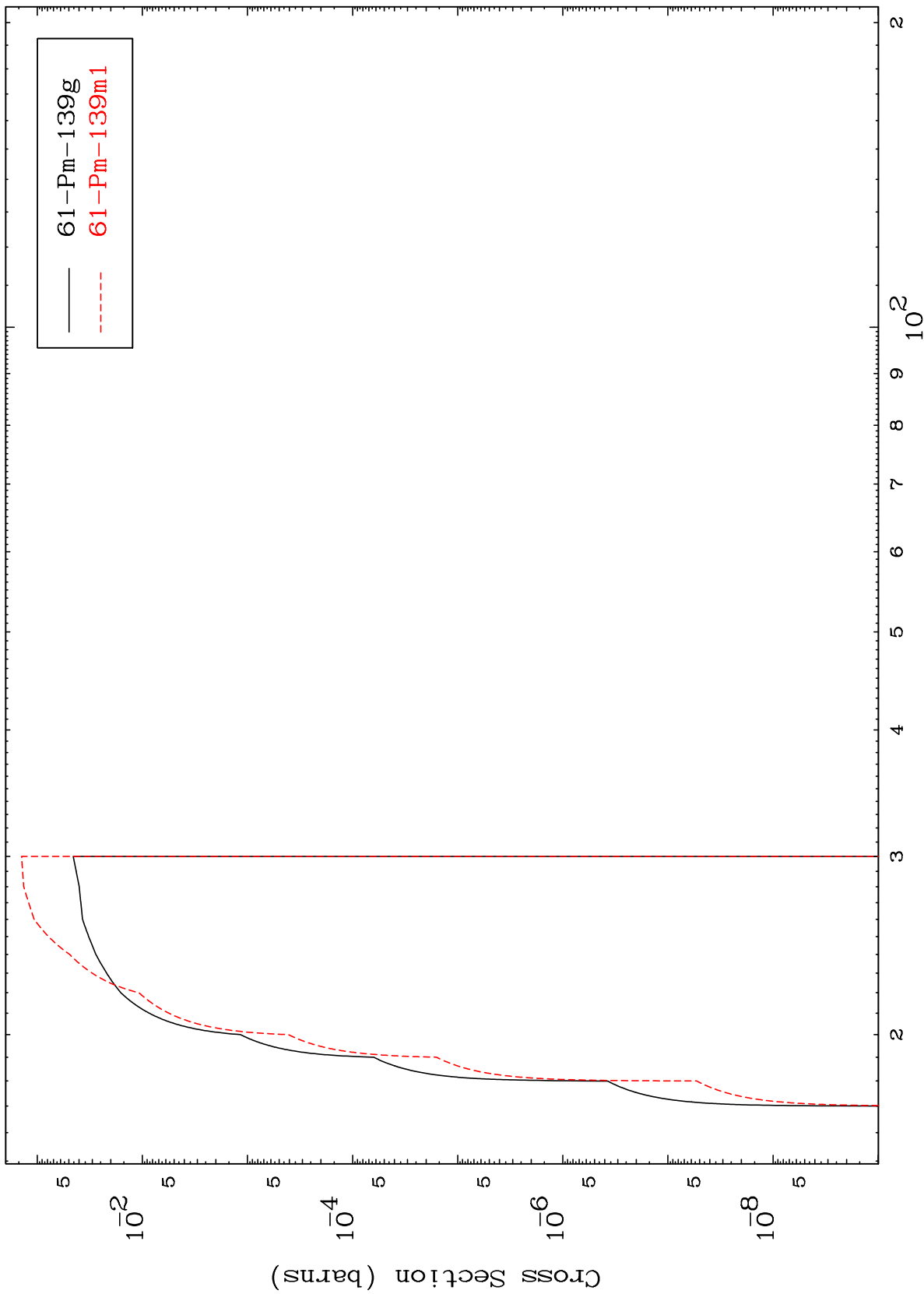


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Incident Energy (MeV)

60-Nd-137

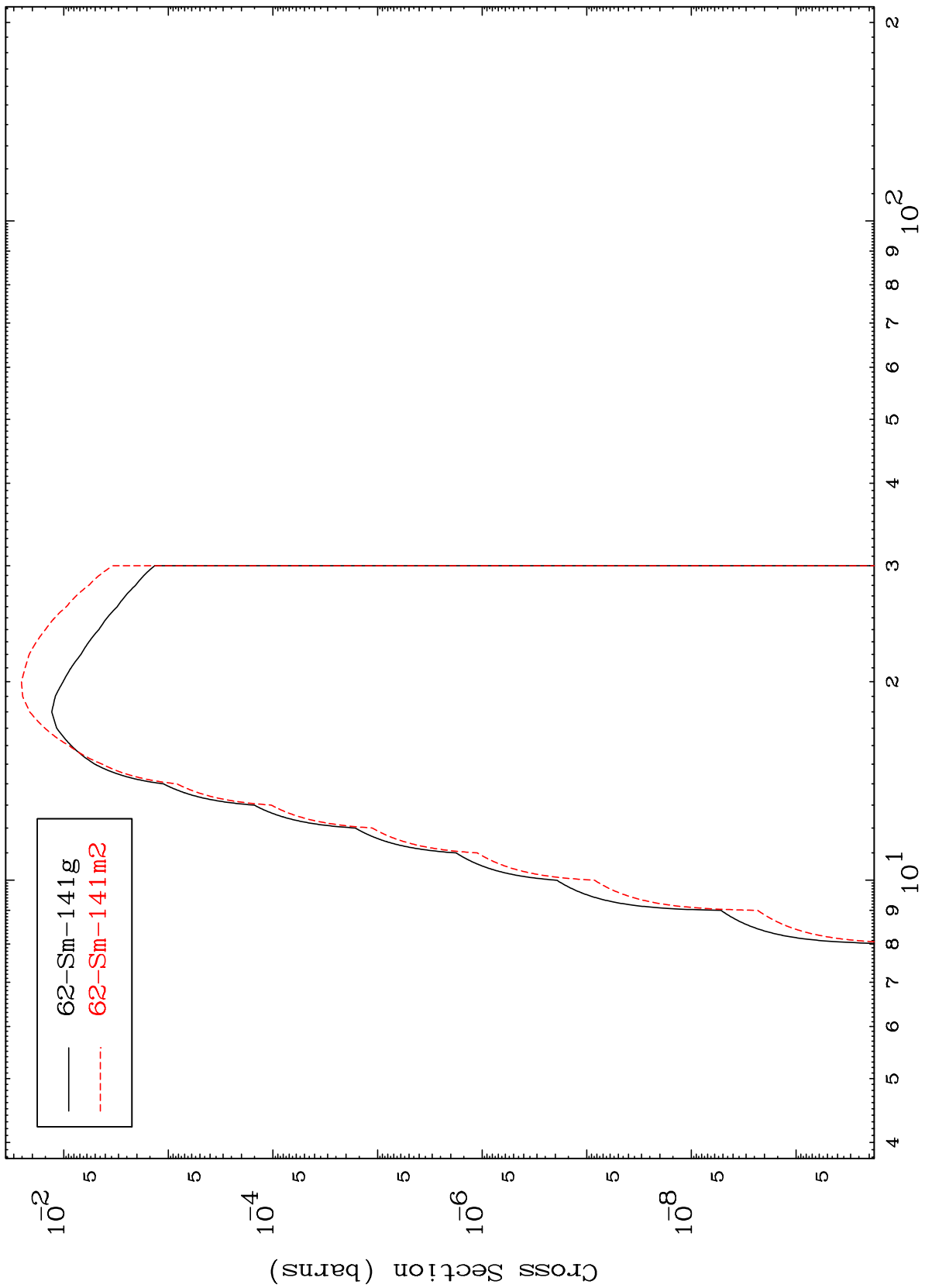
Radionuclide Production Cross Section



MAT 6010

60-Nd-137

Radionuclide Production Cross Section  
(n,γ)



13

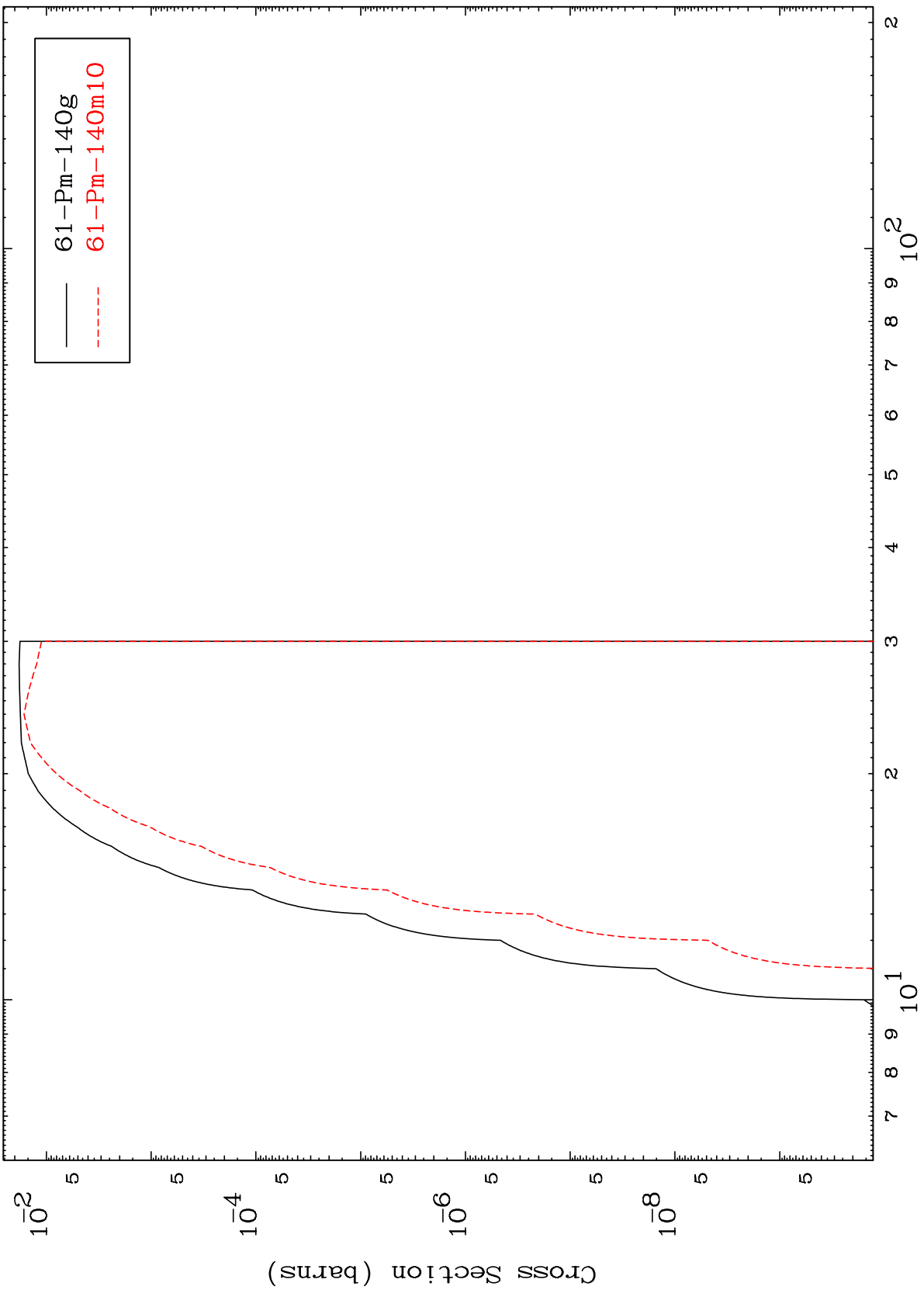
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(n,p)  
Radionuclide Production Cross Section



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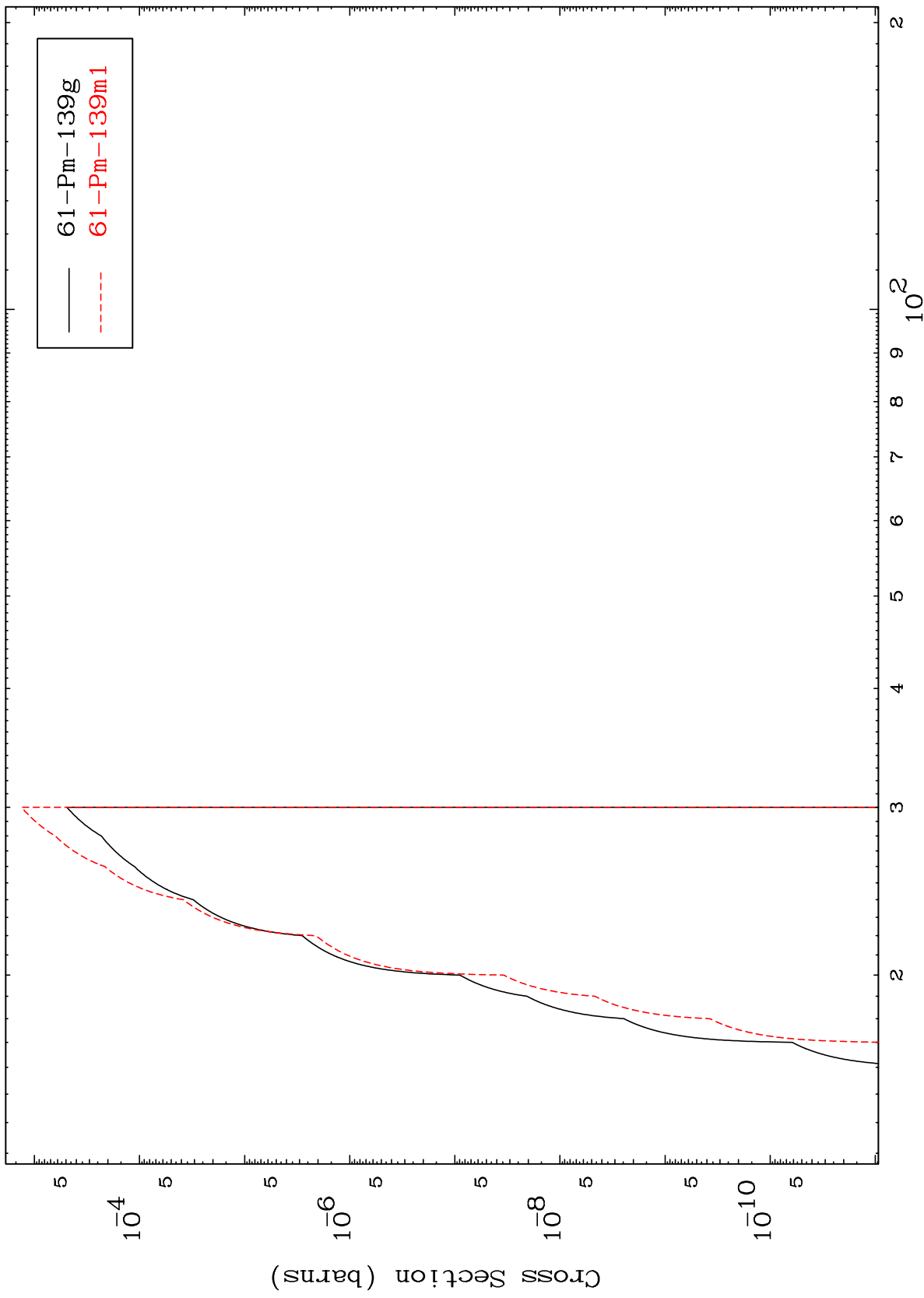
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(n,d)  
Radionuclide Production Cross Section



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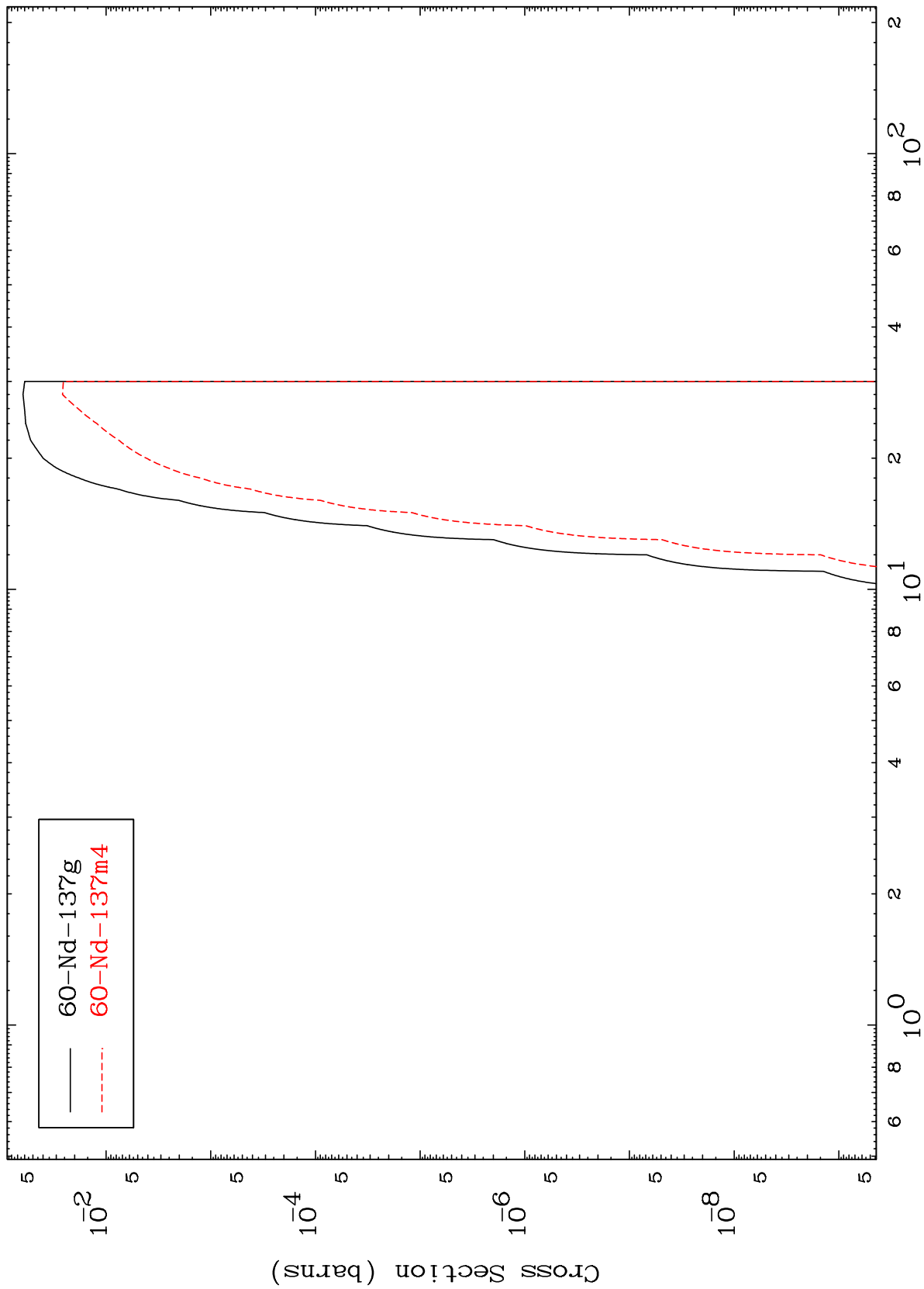
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

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



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Incident Energy (MeV)

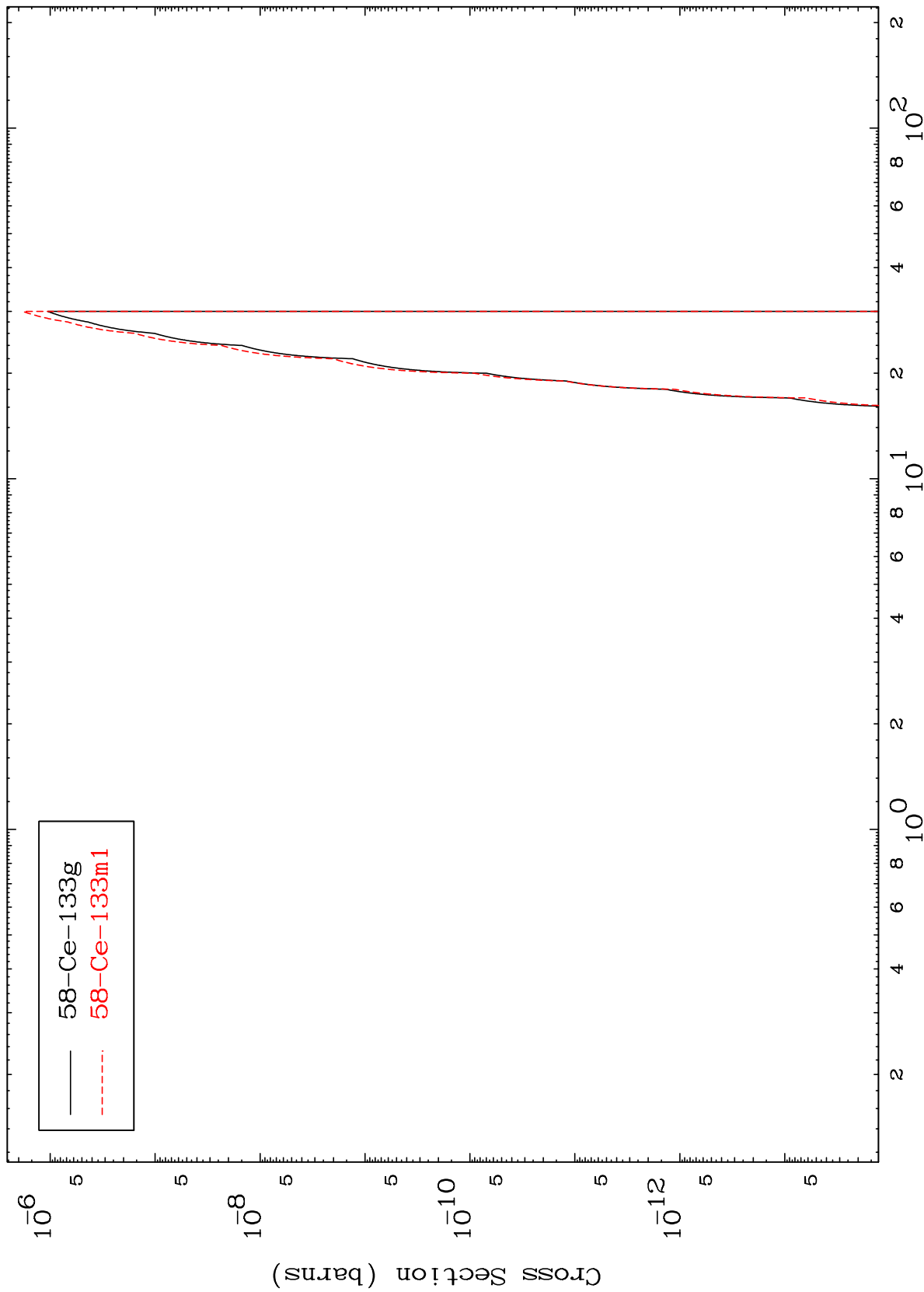
60-Nd-137

MAT 6010

60-Nd-137

(n,2α)

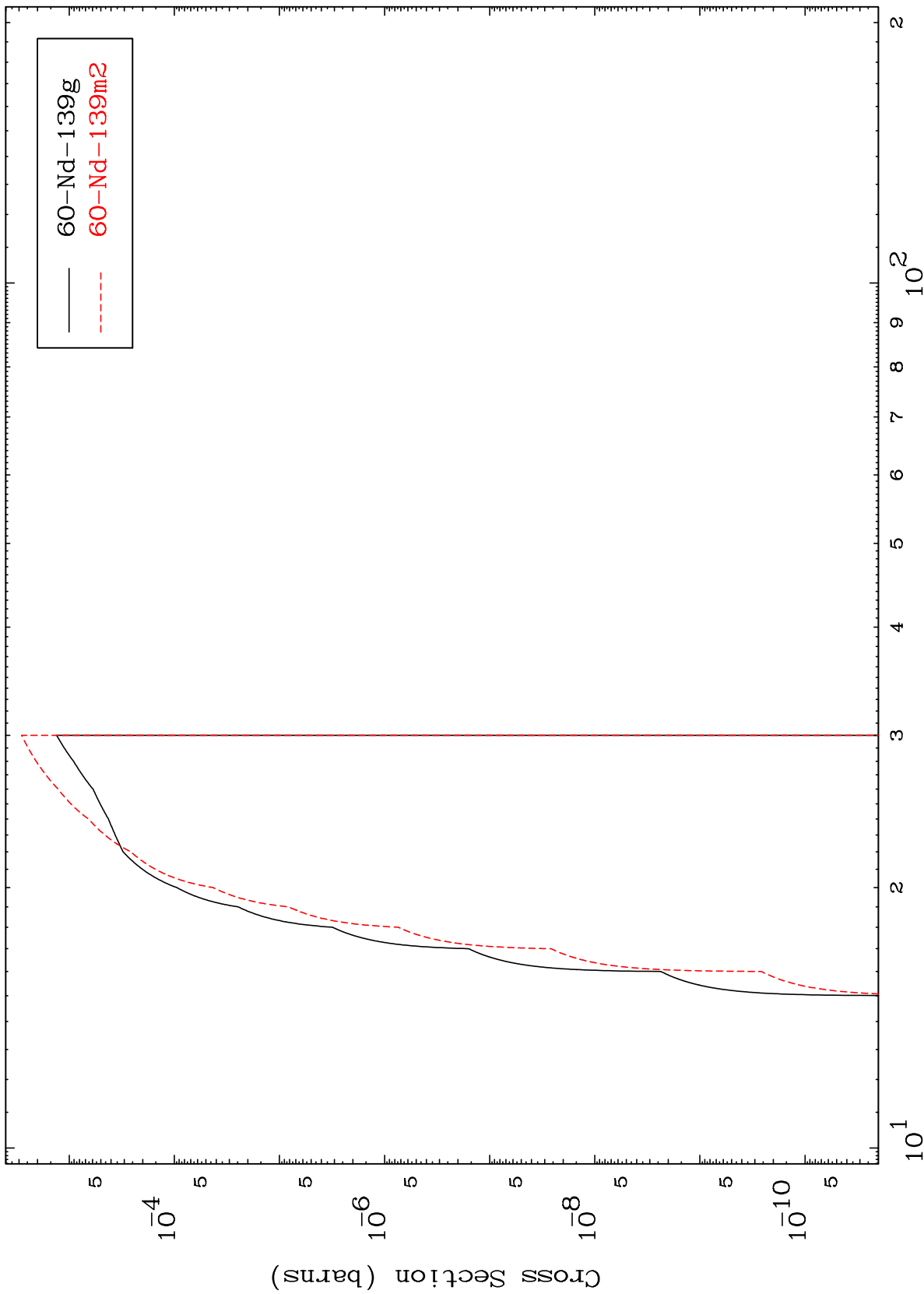
Radionuclide Production Cross Section



MAT 6010

60-Nd-137

(n,2p)  
Radionuclide Production Cross Section



60-Nd-137

Incident Energy (MeV)

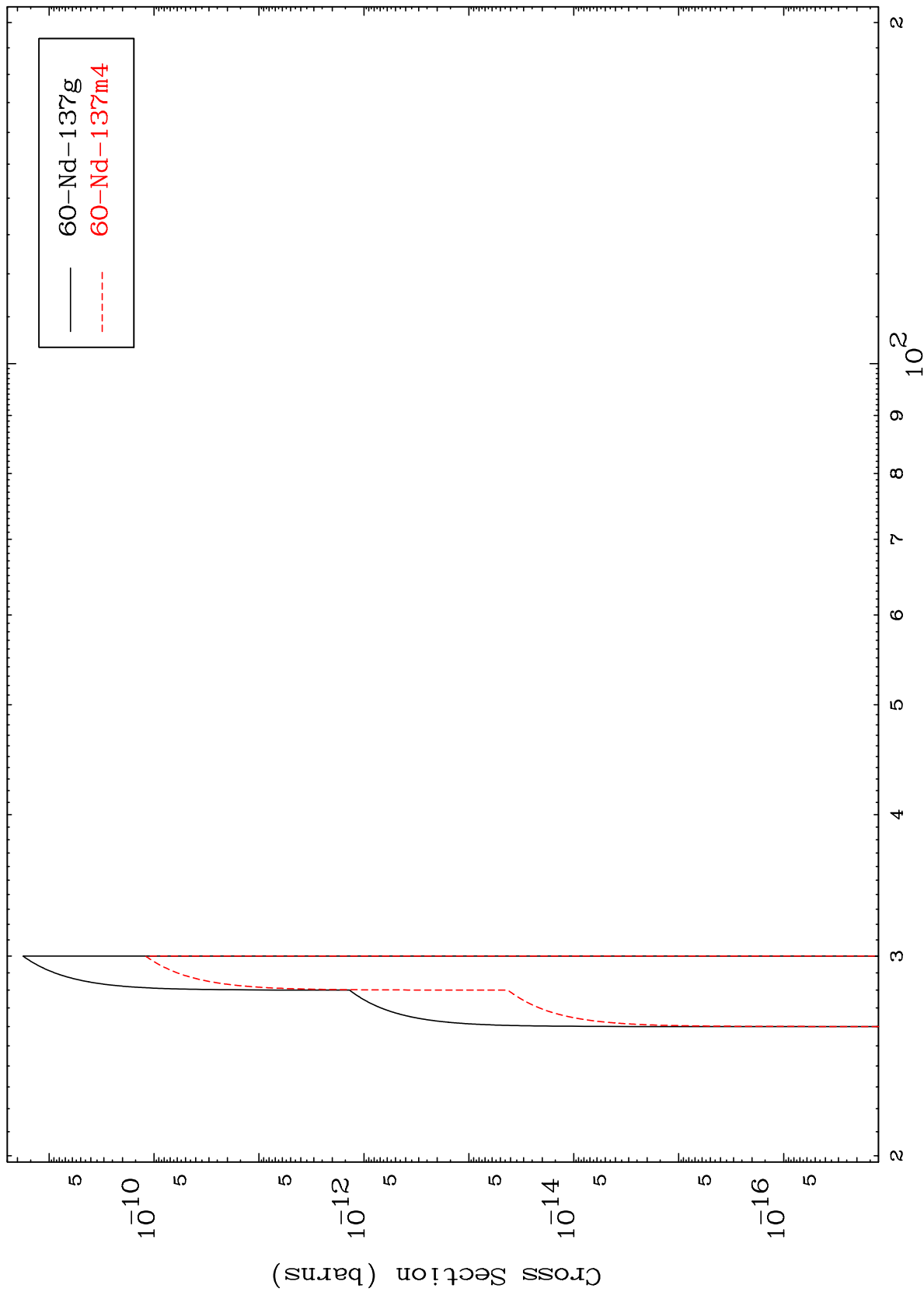
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MAT 6010

(n,p) t

<sup>60</sup>Nd-137

Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>60</sup>Nd-137