

Program EVALPLOT  
(Version 2021-1)

by

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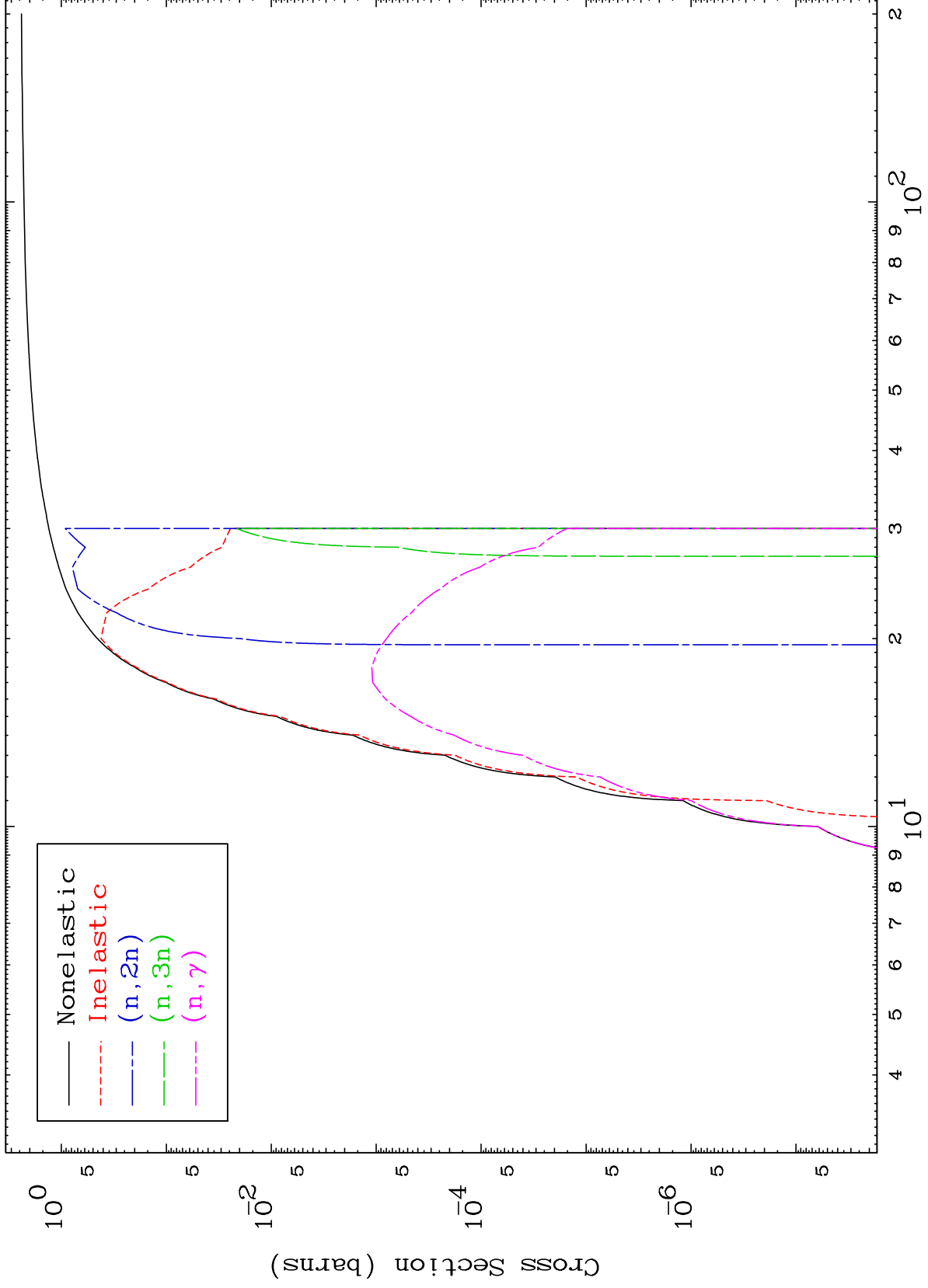
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6228

0 Kelvin  $\alpha$  Major

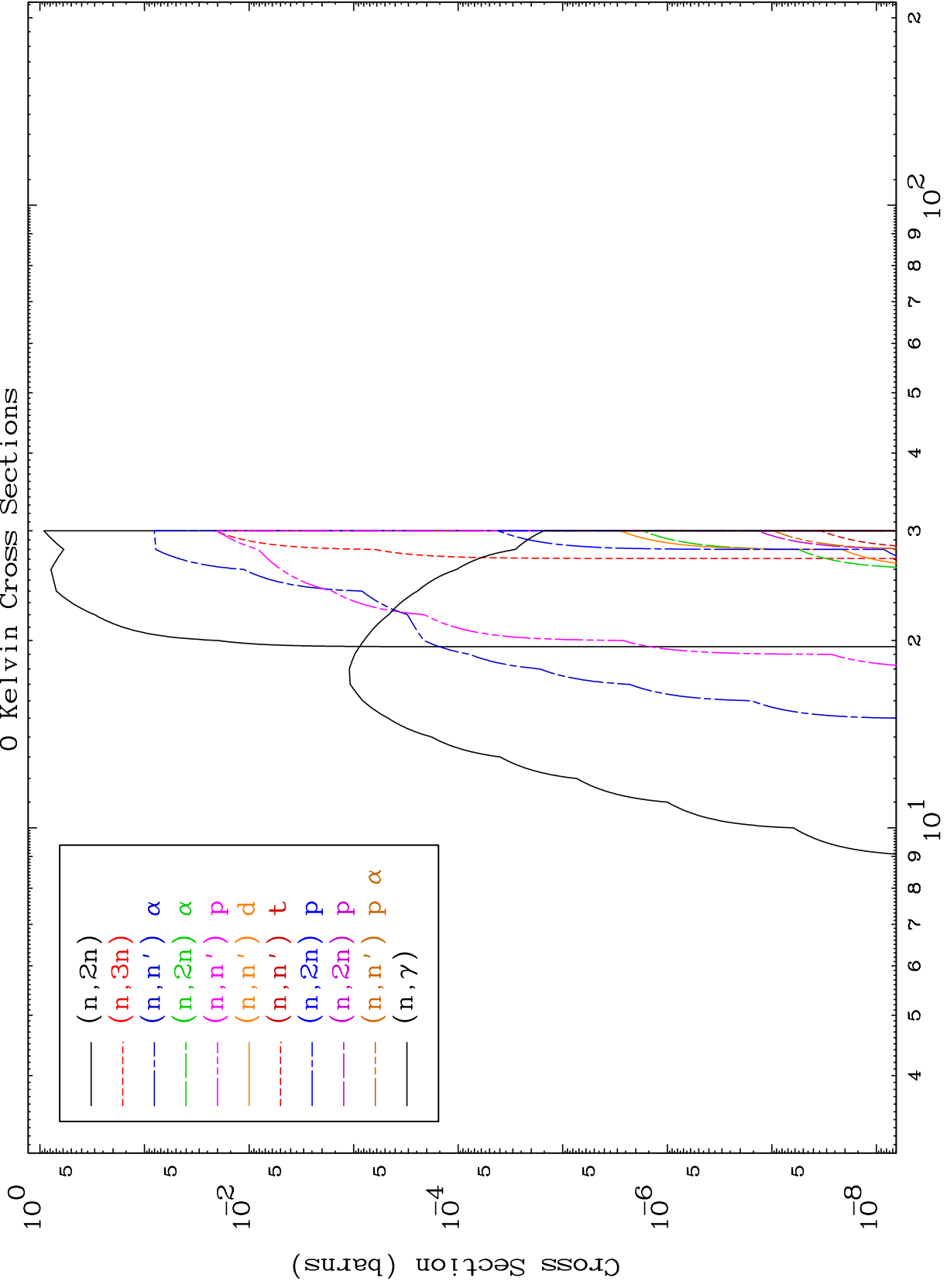
62-Sm-145



MAT 6228

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

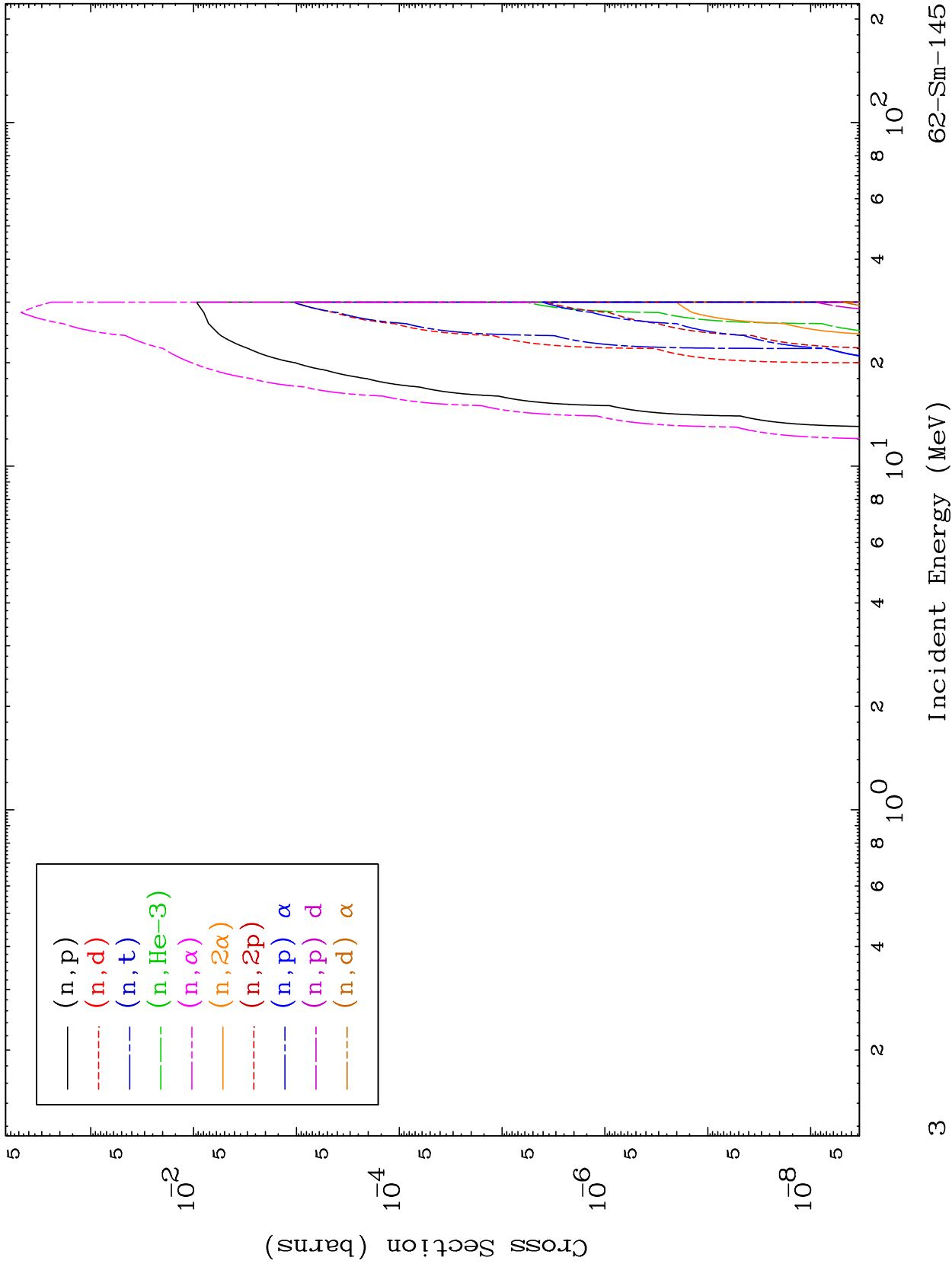
62-Sm-145

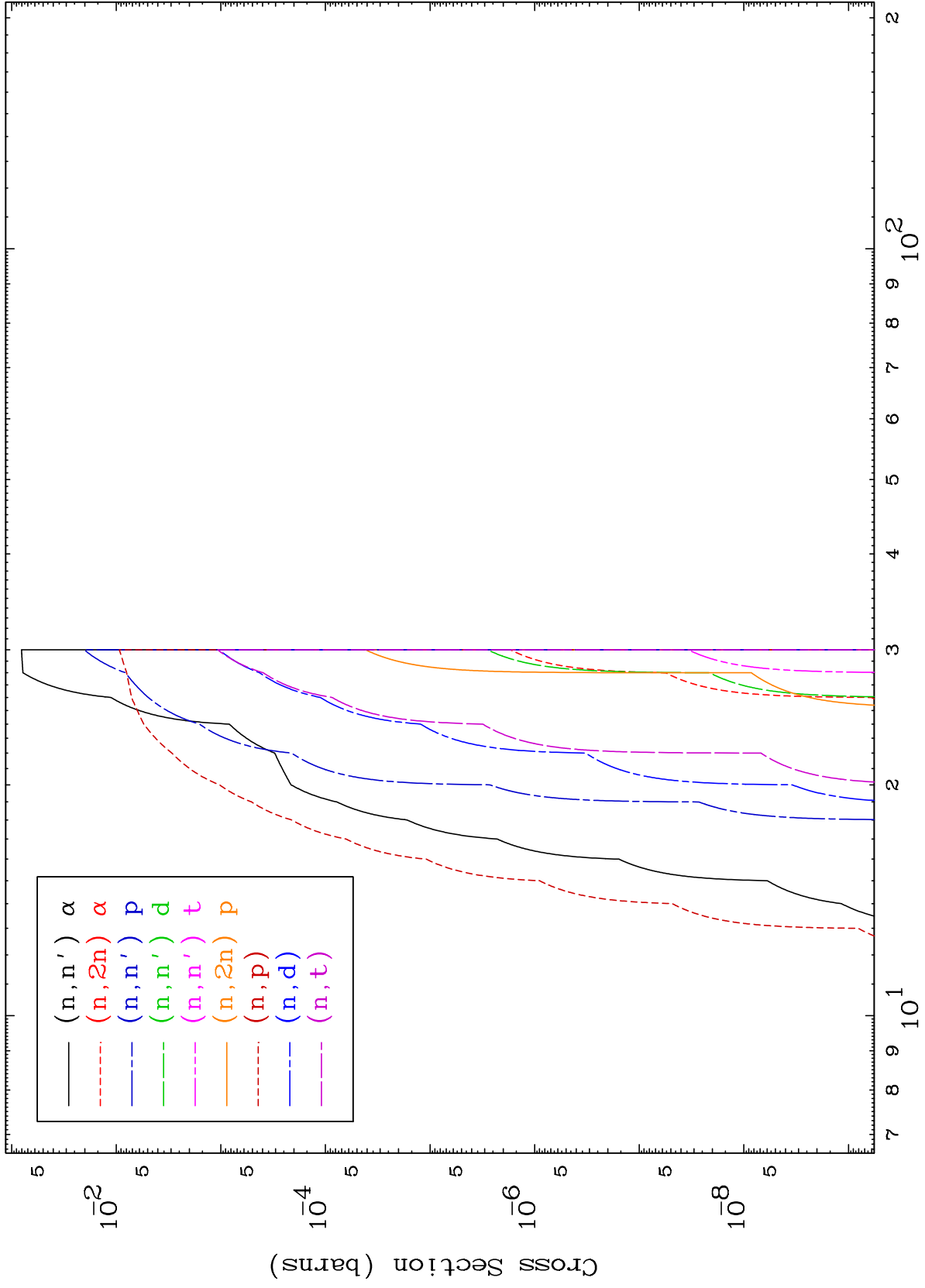


MAT 6228

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-145

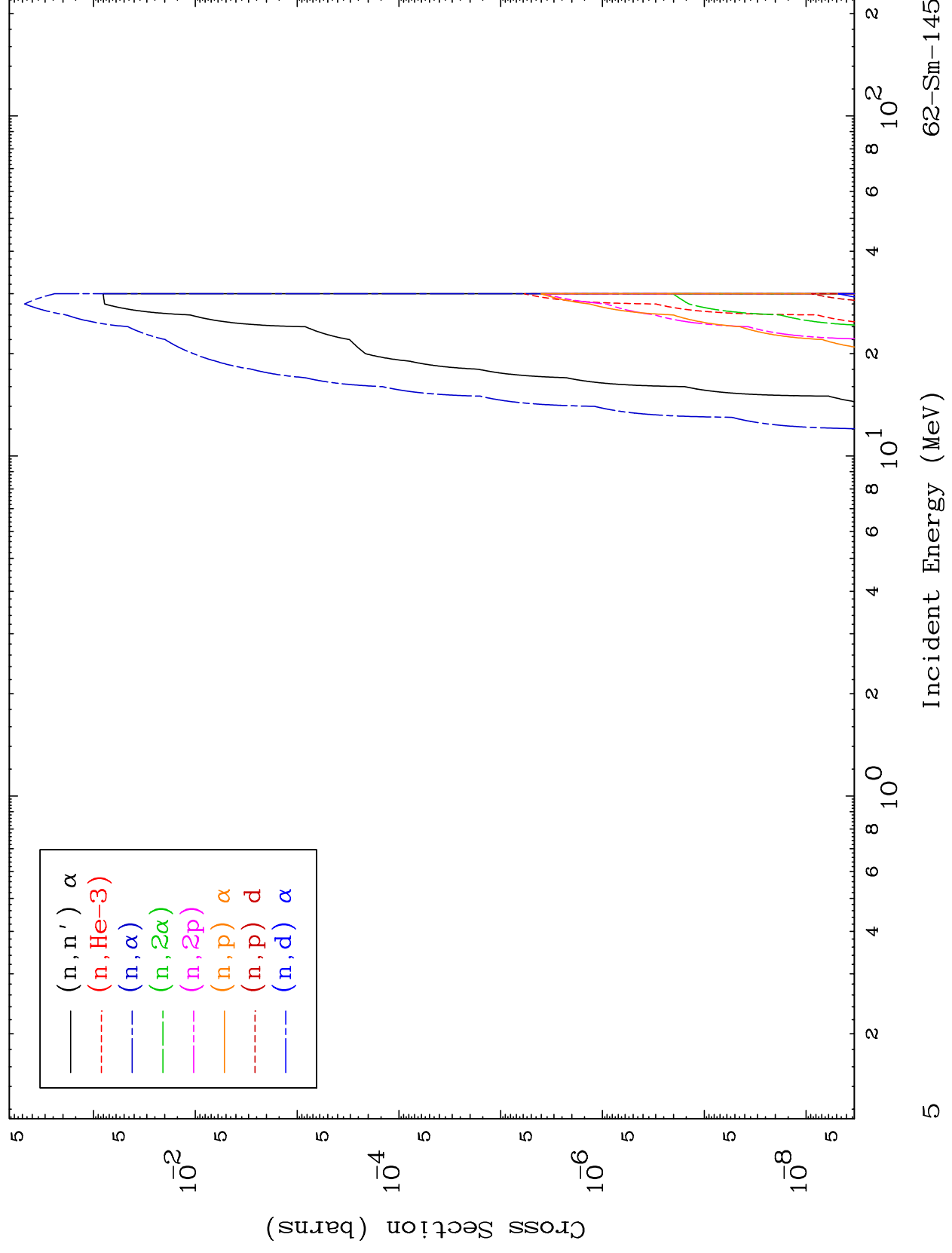




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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

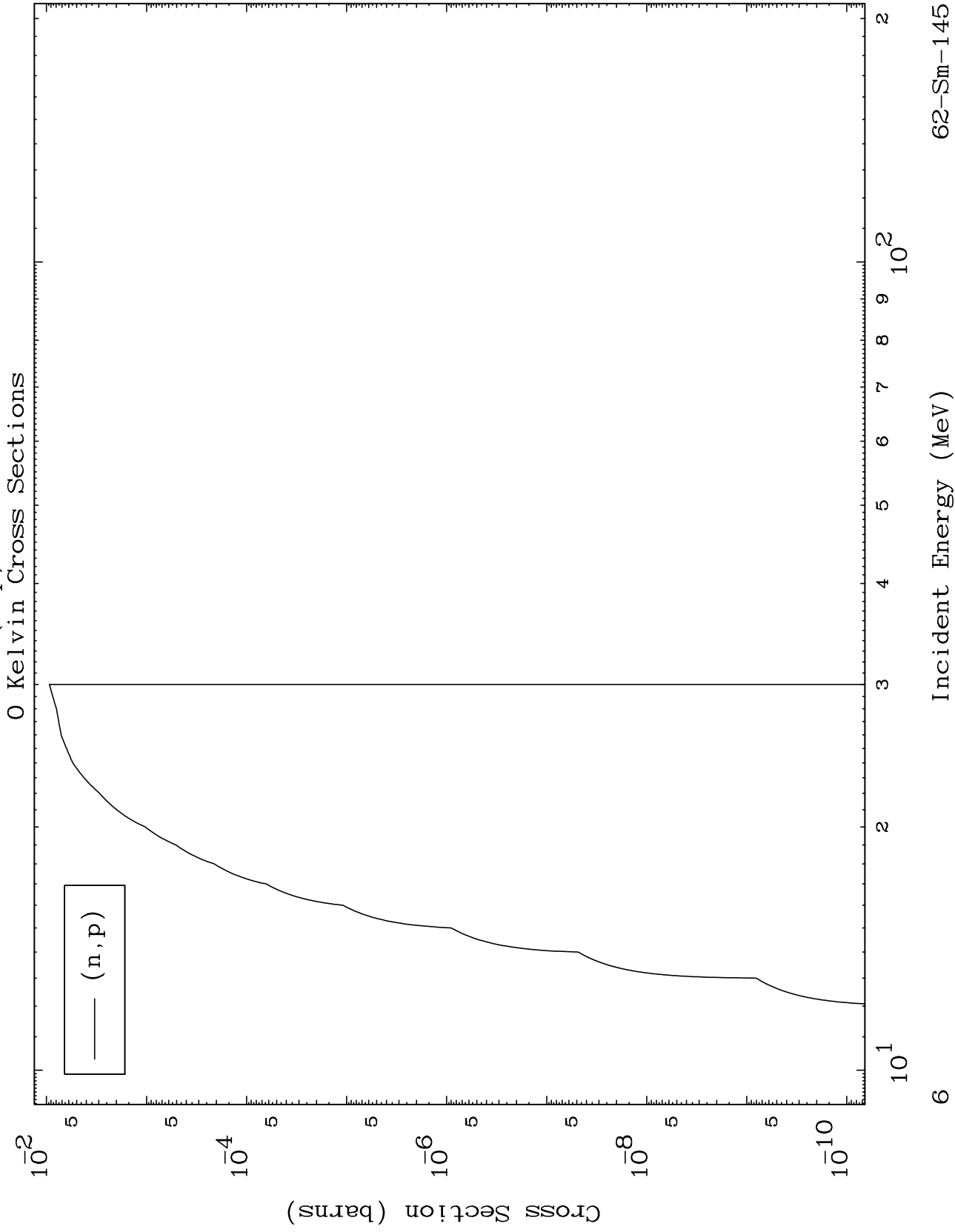
62-Sm-145



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( $\alpha, p$ ) Levels

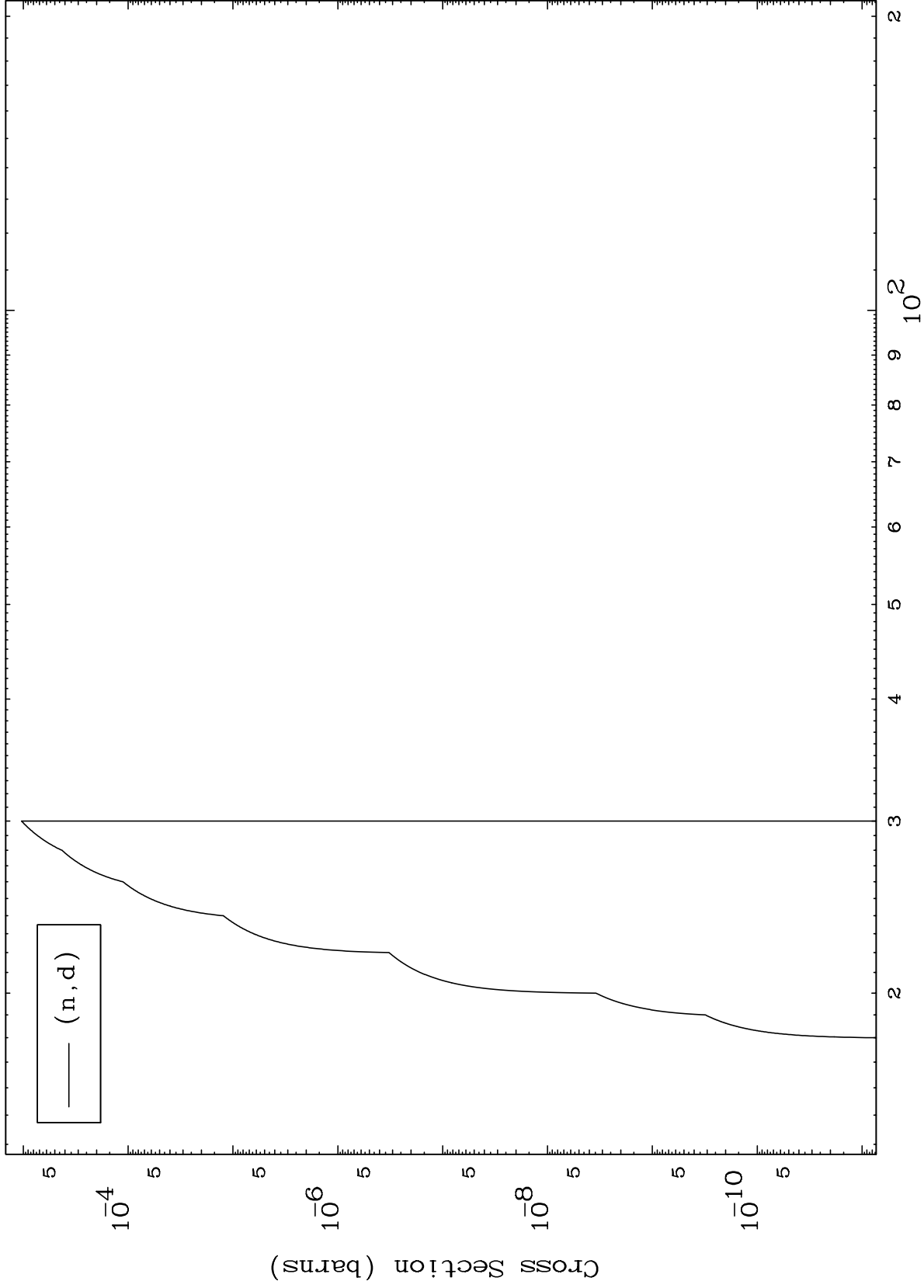
62-Sm-145



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

62-Sm-145

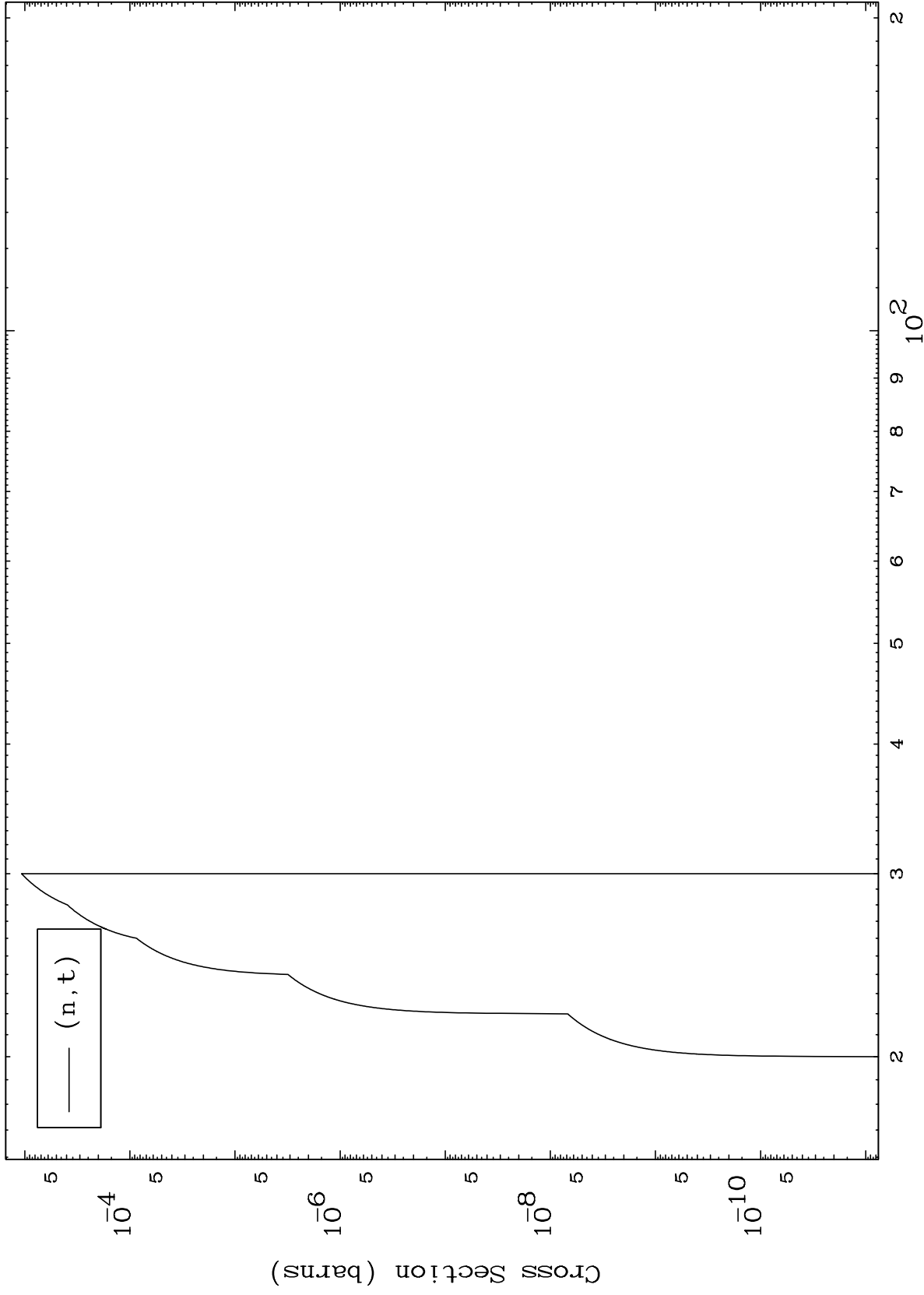


7

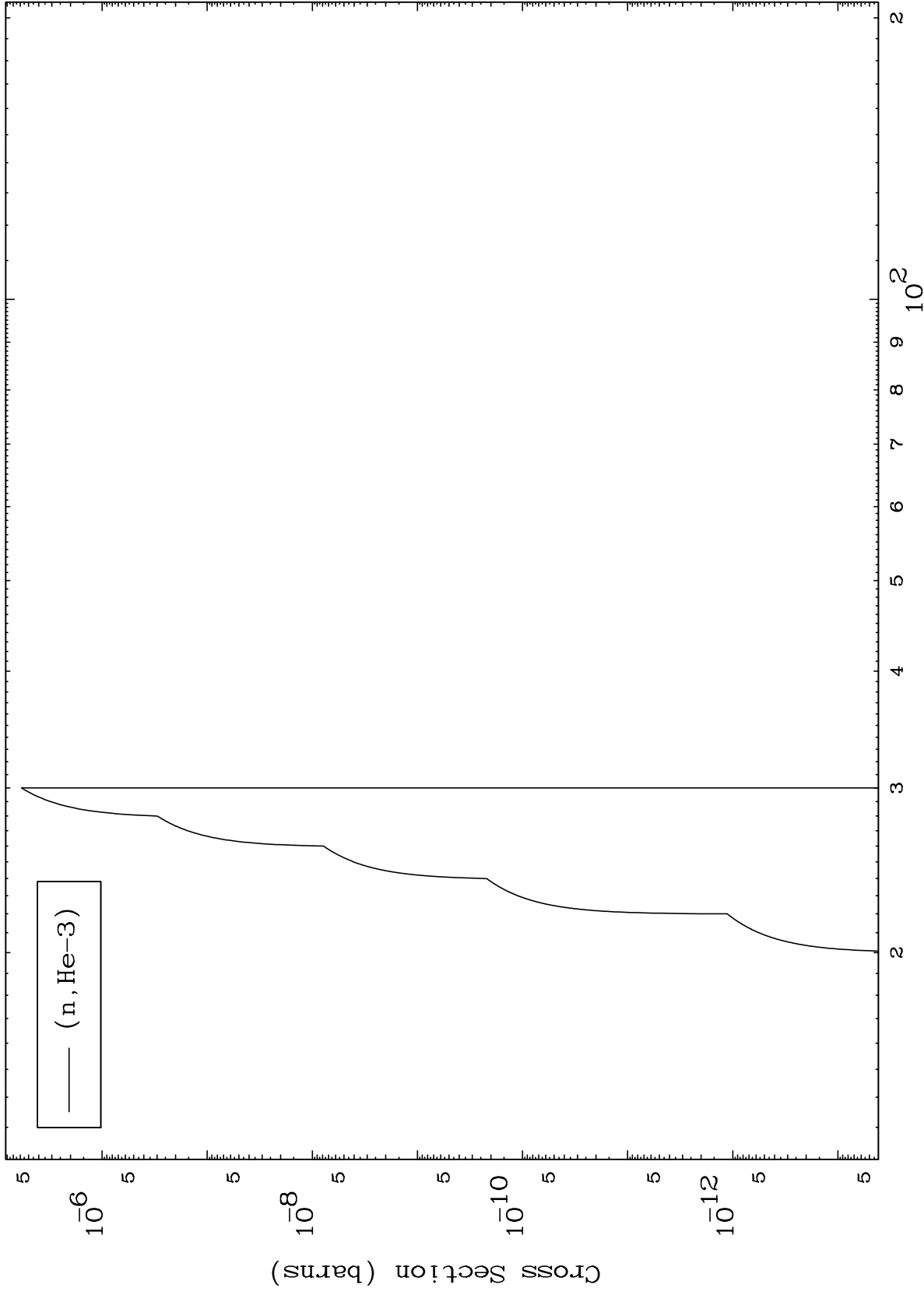
Incident Energy (MeV)

62-Sm-145





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

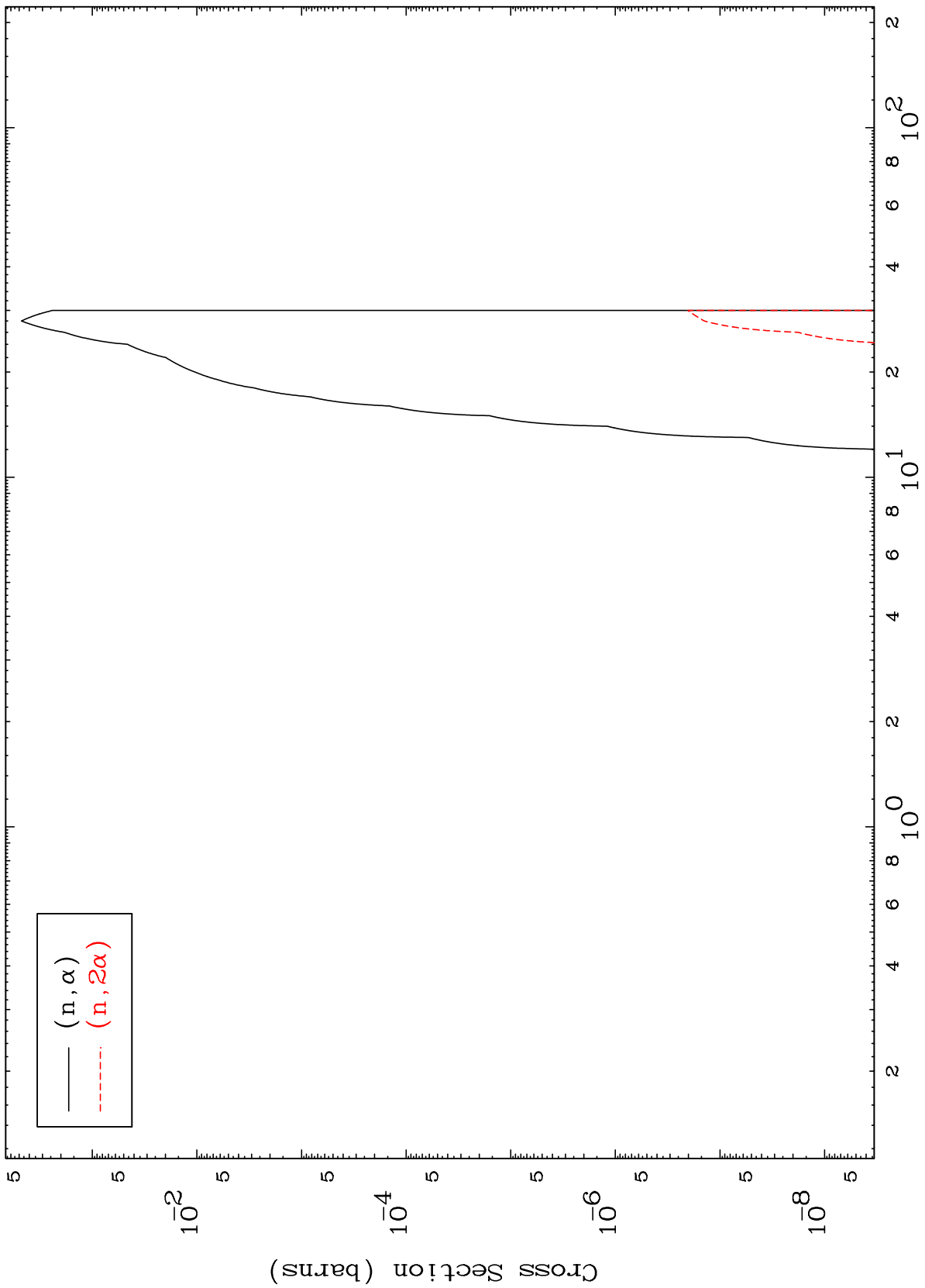


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( $\alpha, \alpha$ ) Levels

62-Sm-145

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

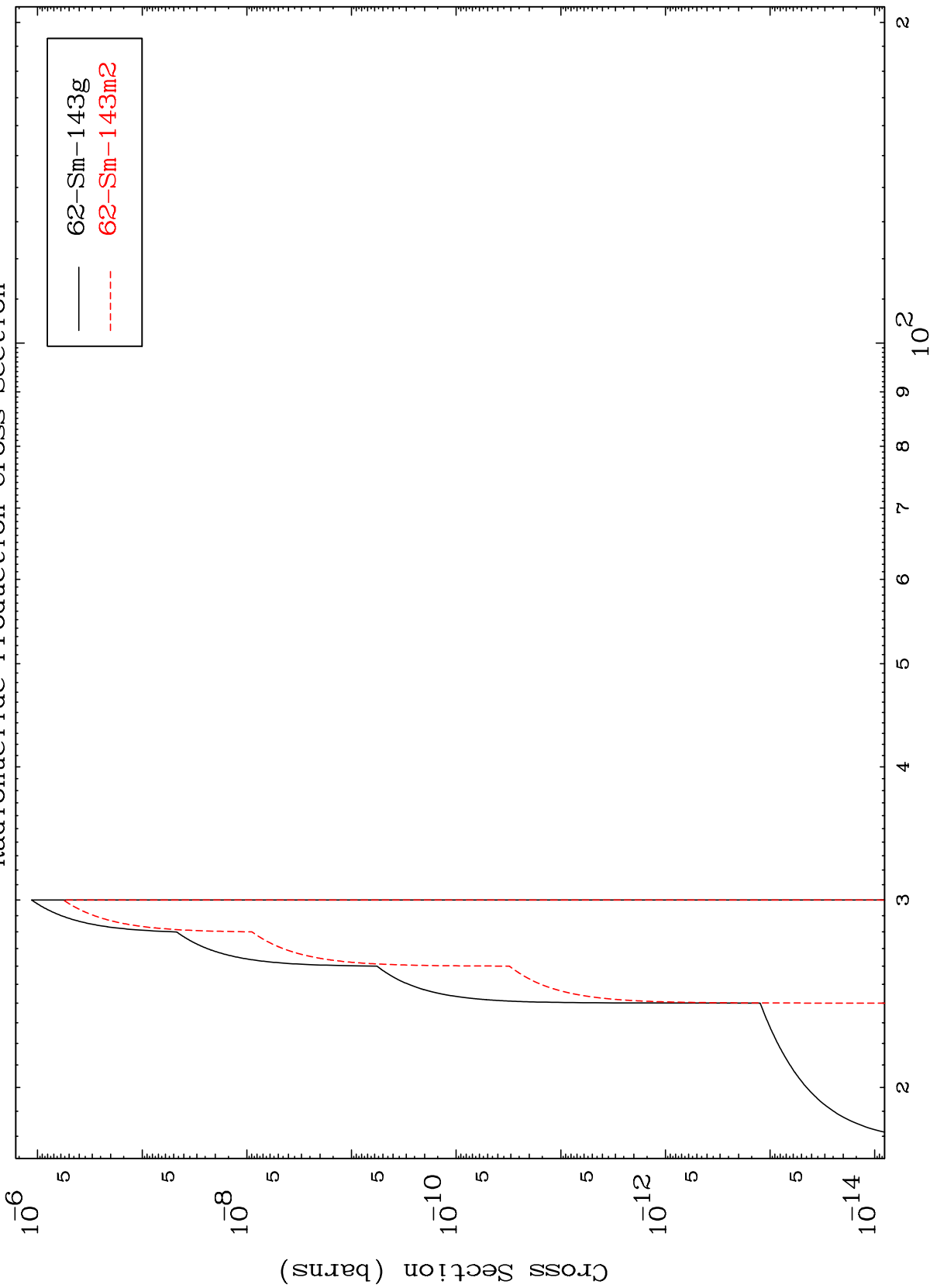
62-Sm-145

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$(n,2n) \alpha$

62-Sm-145

Radionuclide Production Cross Section



11

Incident Energy (MeV)

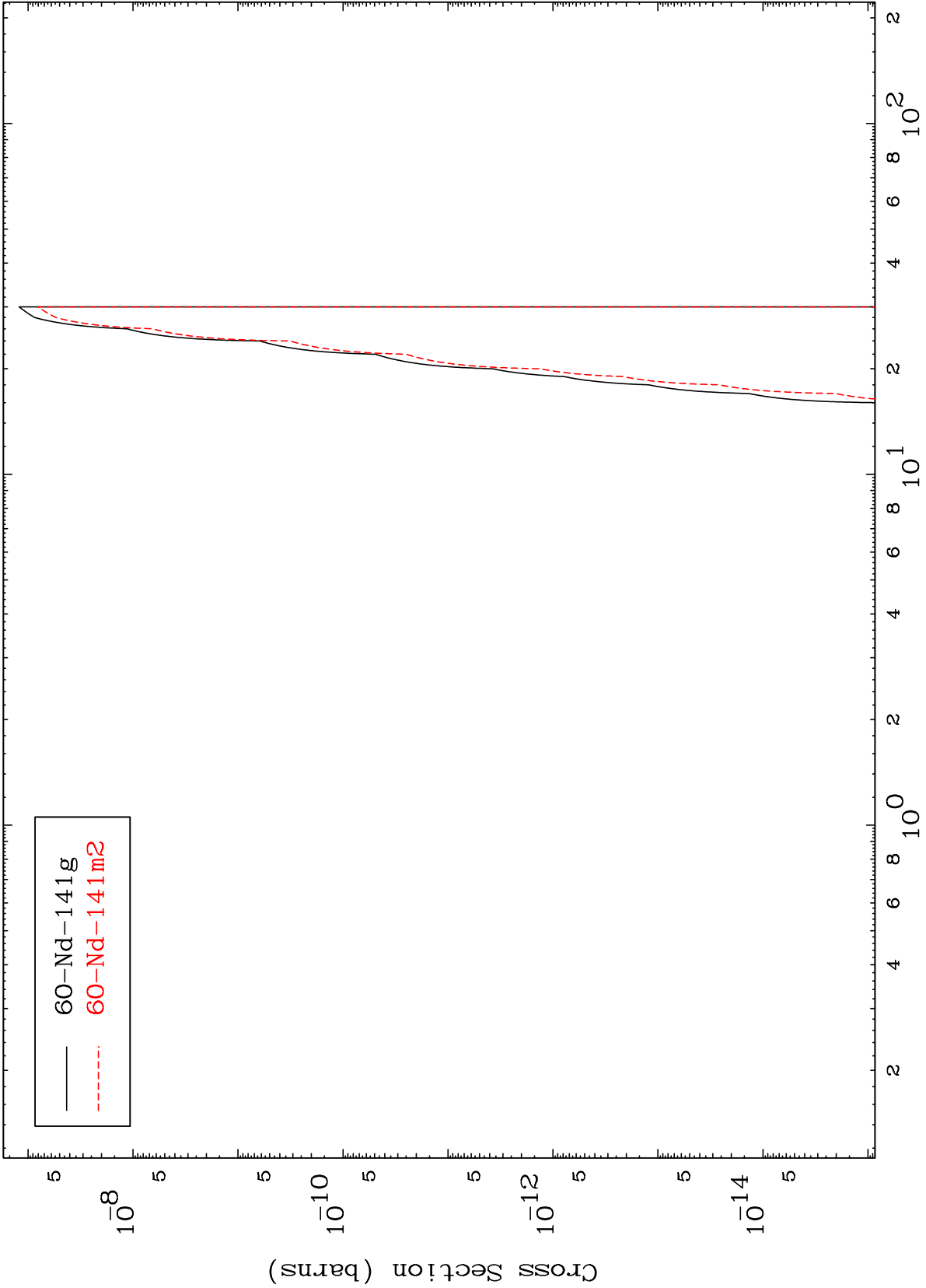
62-Sm-145

MAT 6228

(n,2α)

62-Sm-145

Radionuclide Production Cross Section



60-Nd-141 g  
60-Nd-141 m2