

Program EVALPLOT  
(Version 2021-1)

by

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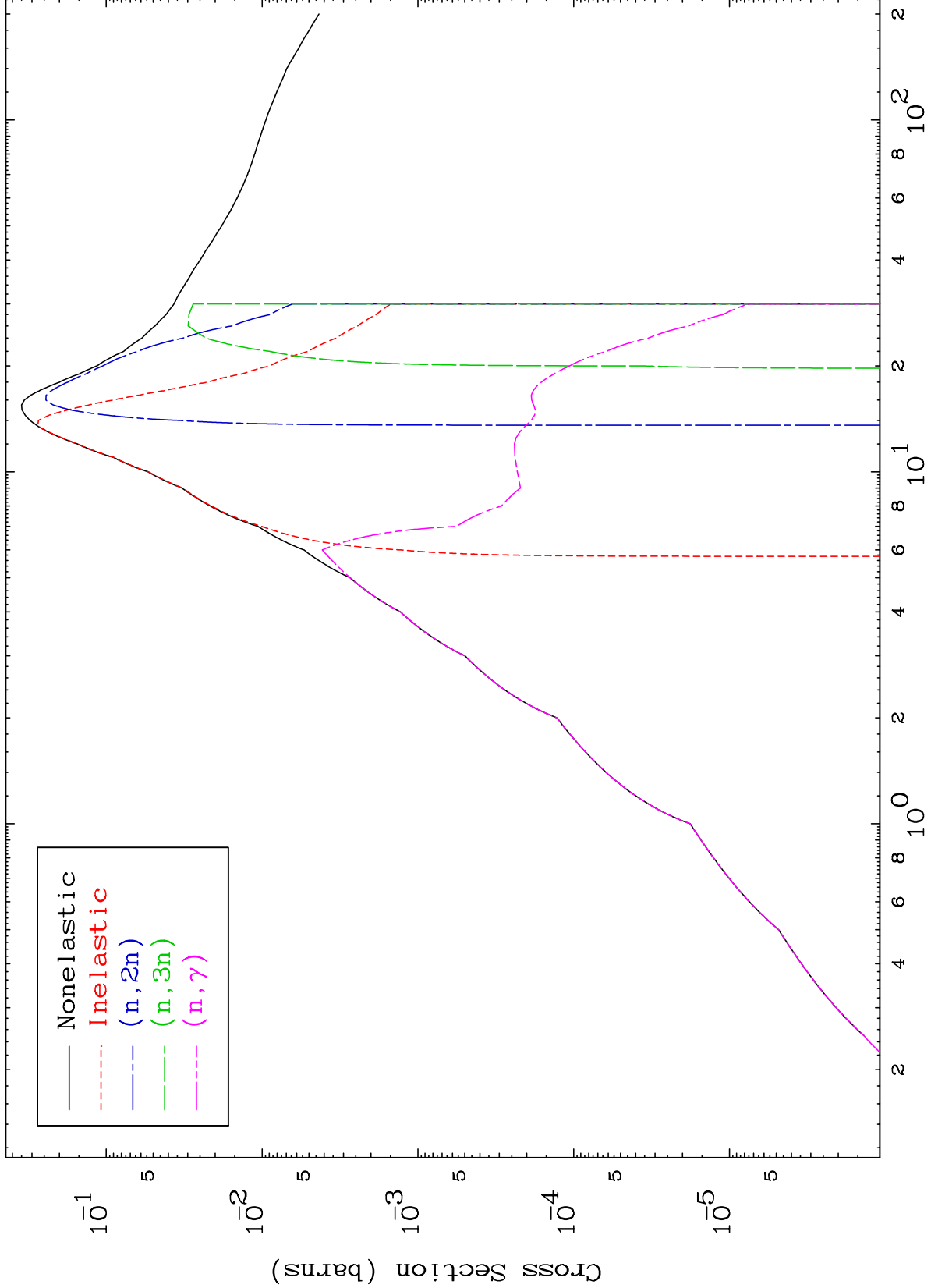
Press Mouse Button to Start

MAT 6034

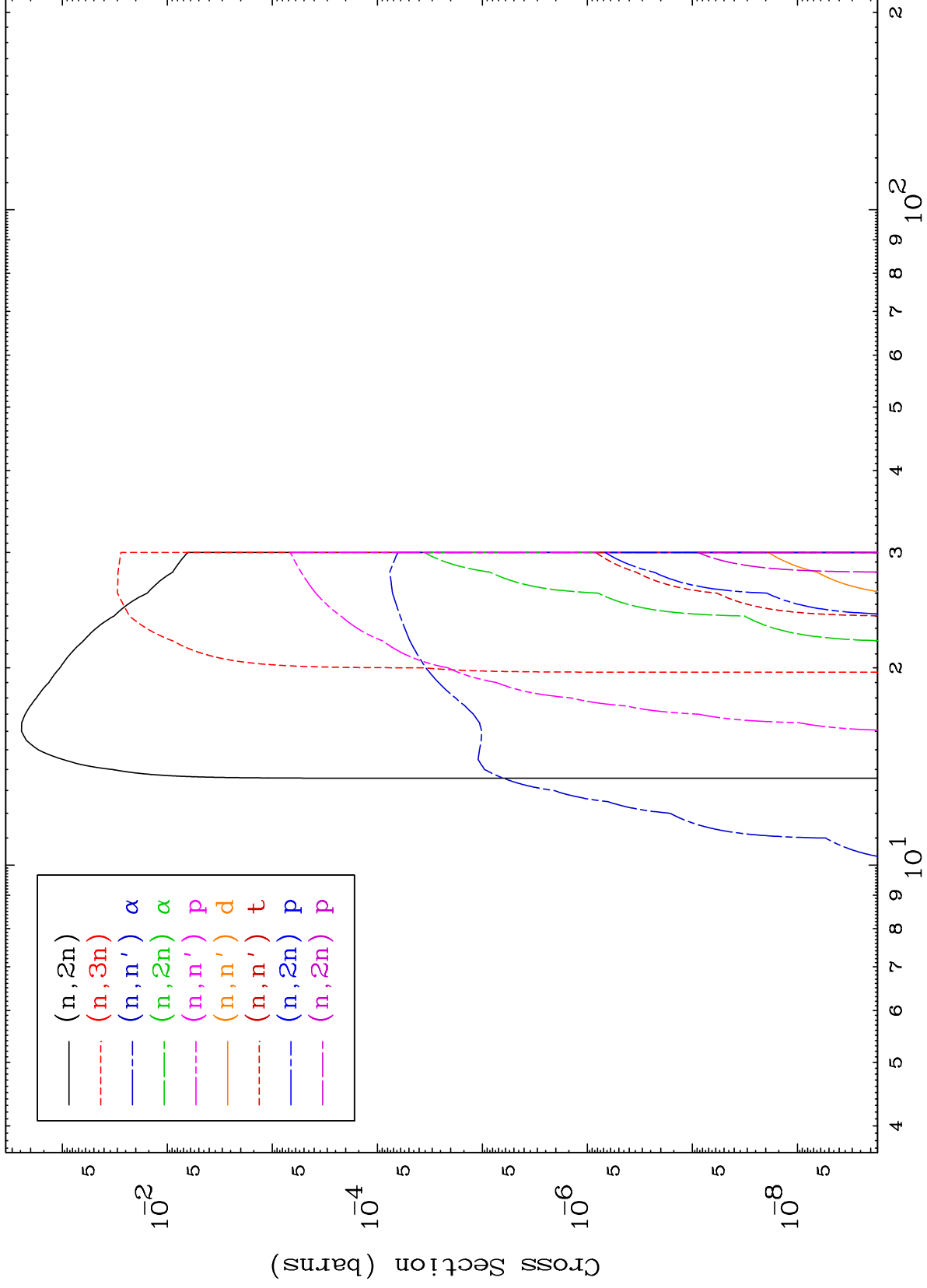
Photon Major

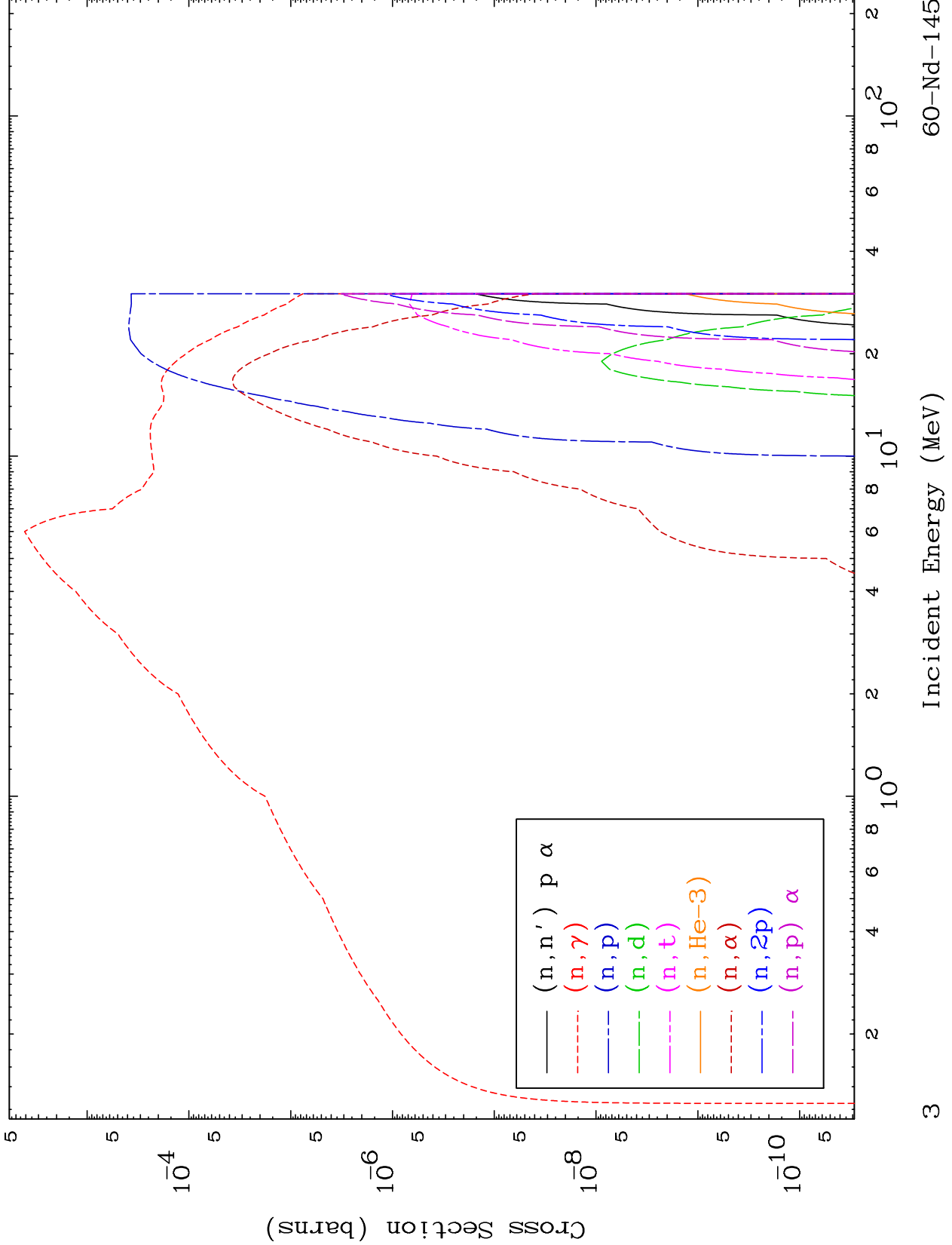
60-Nd-145

0 Kelvin Cross Sections



Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)  
- - - (n,  $\gamma$ )

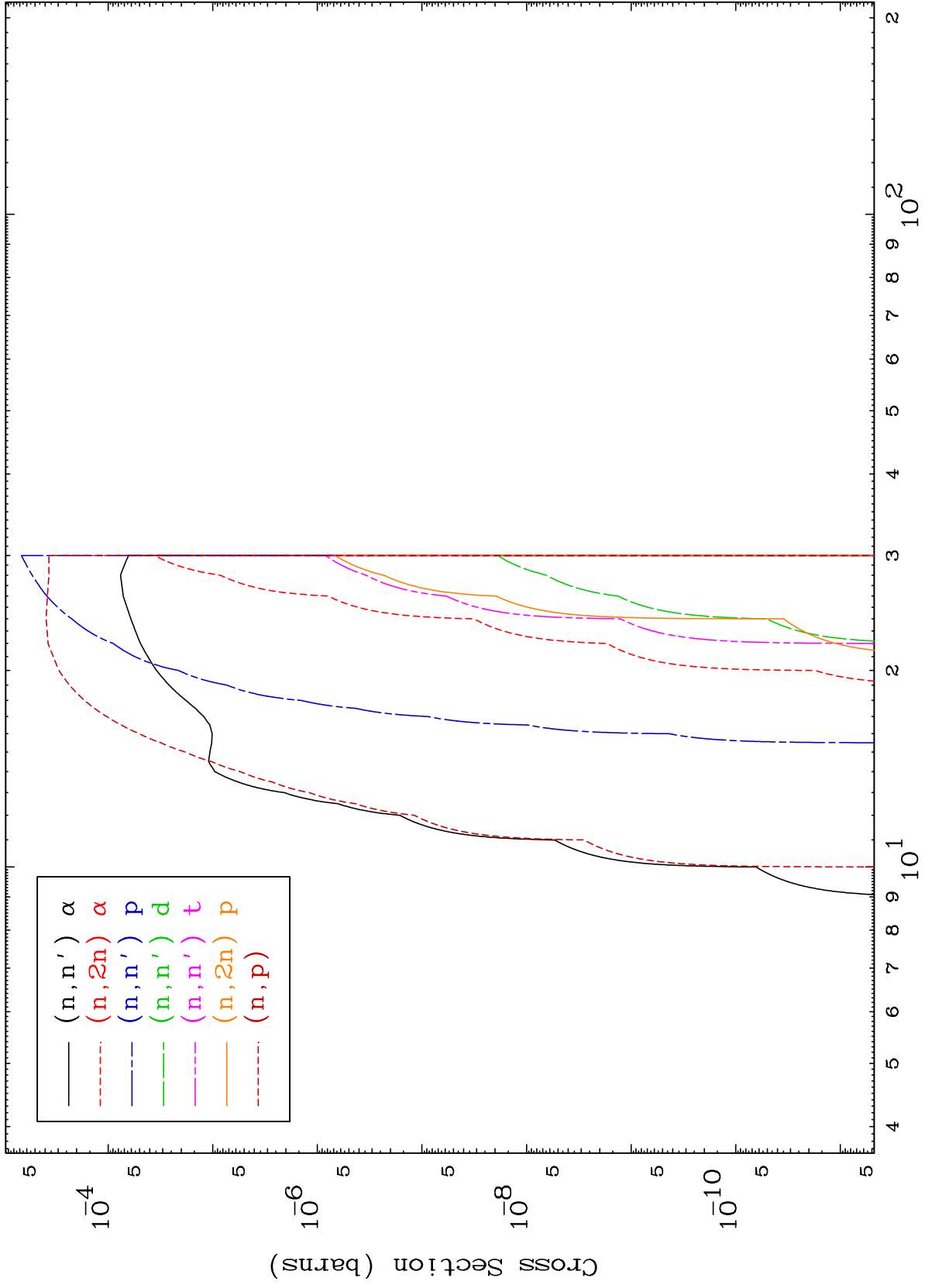




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Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-145



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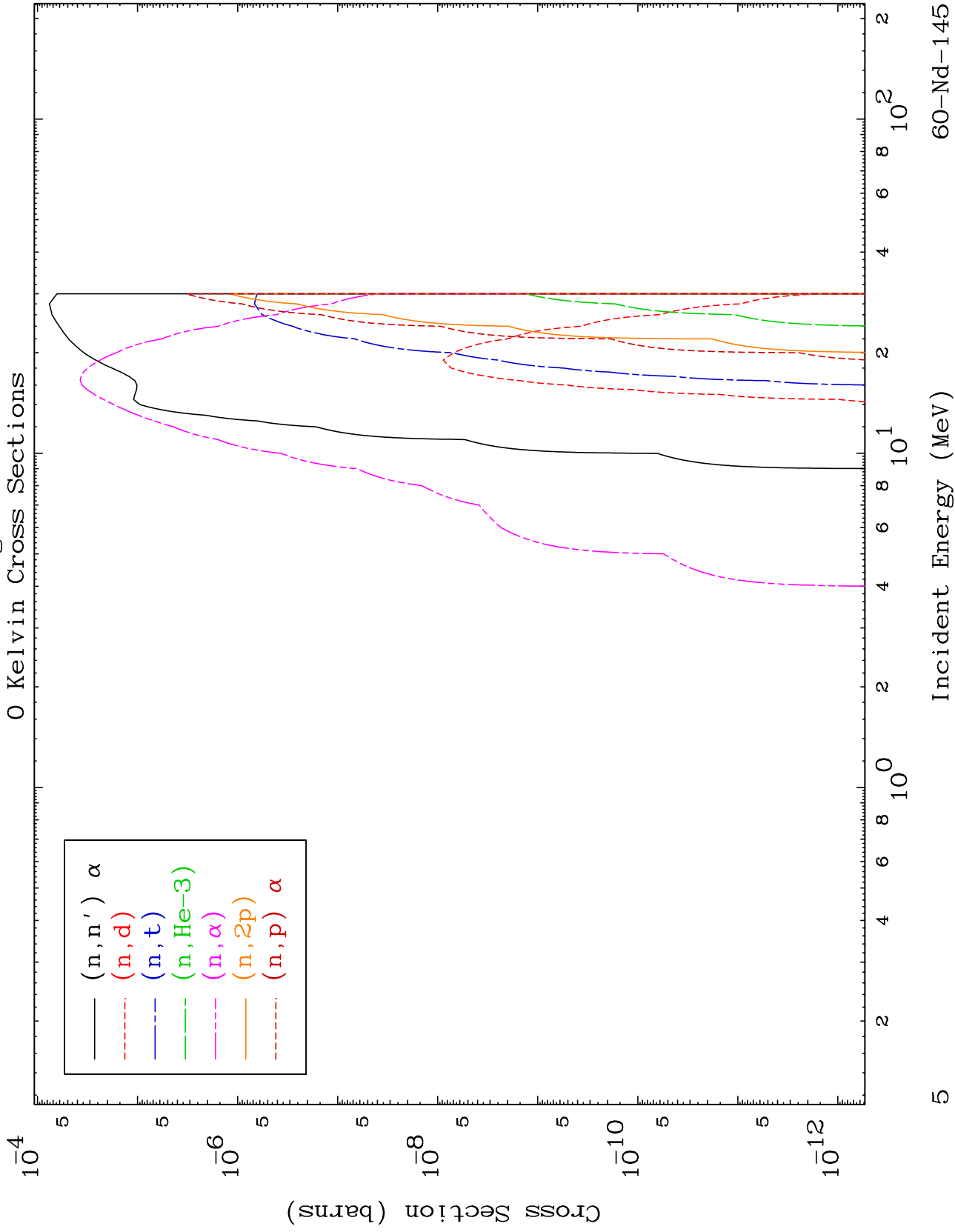
Incident Energy (MeV)

60-Nd-145

MAT 6034

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-145



5

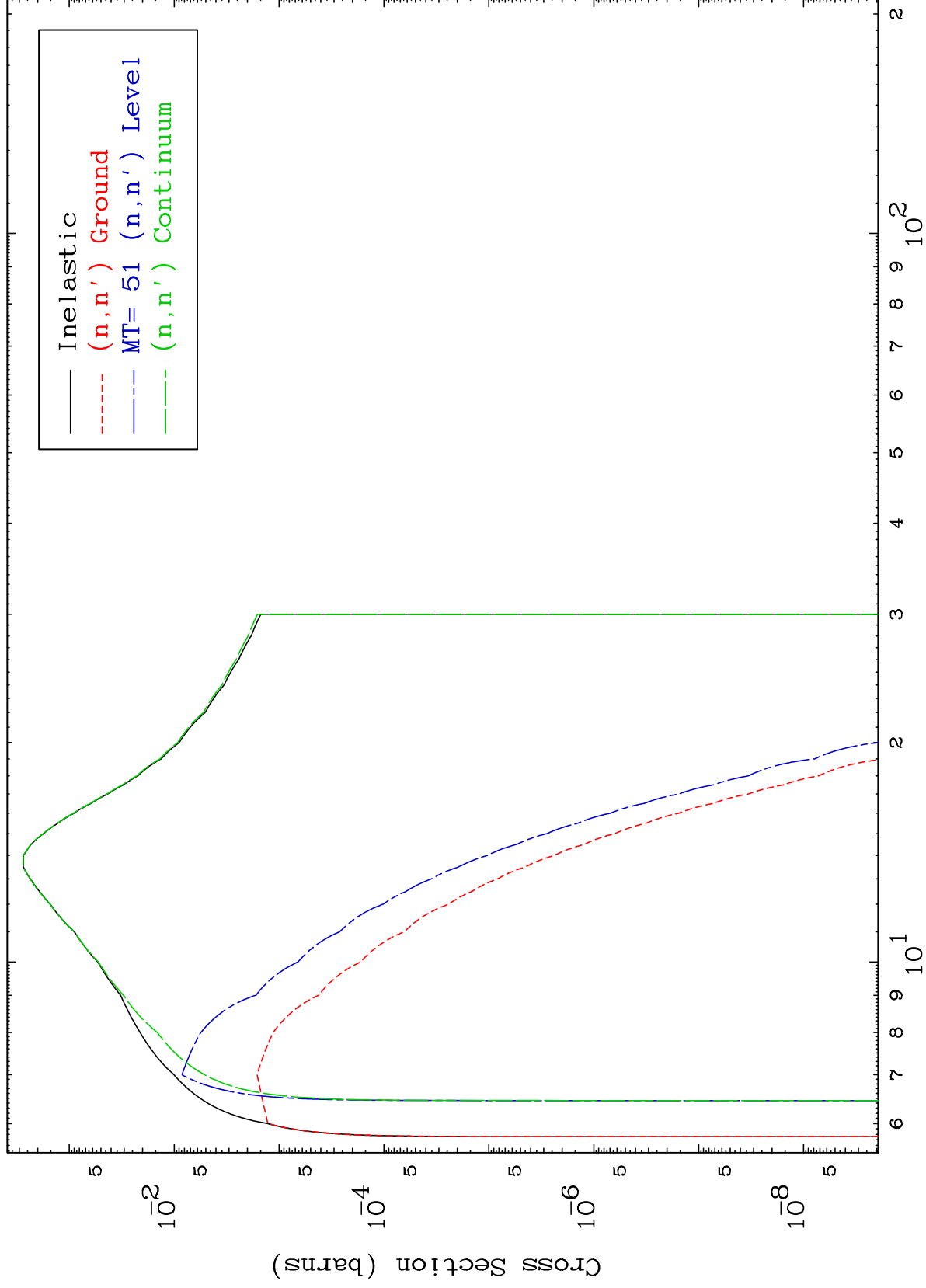
60-Nd-145

MAT 6034

( $\gamma, n'$ ) Levels

60-Nd-145

0 Kelvin Cross Sections



6

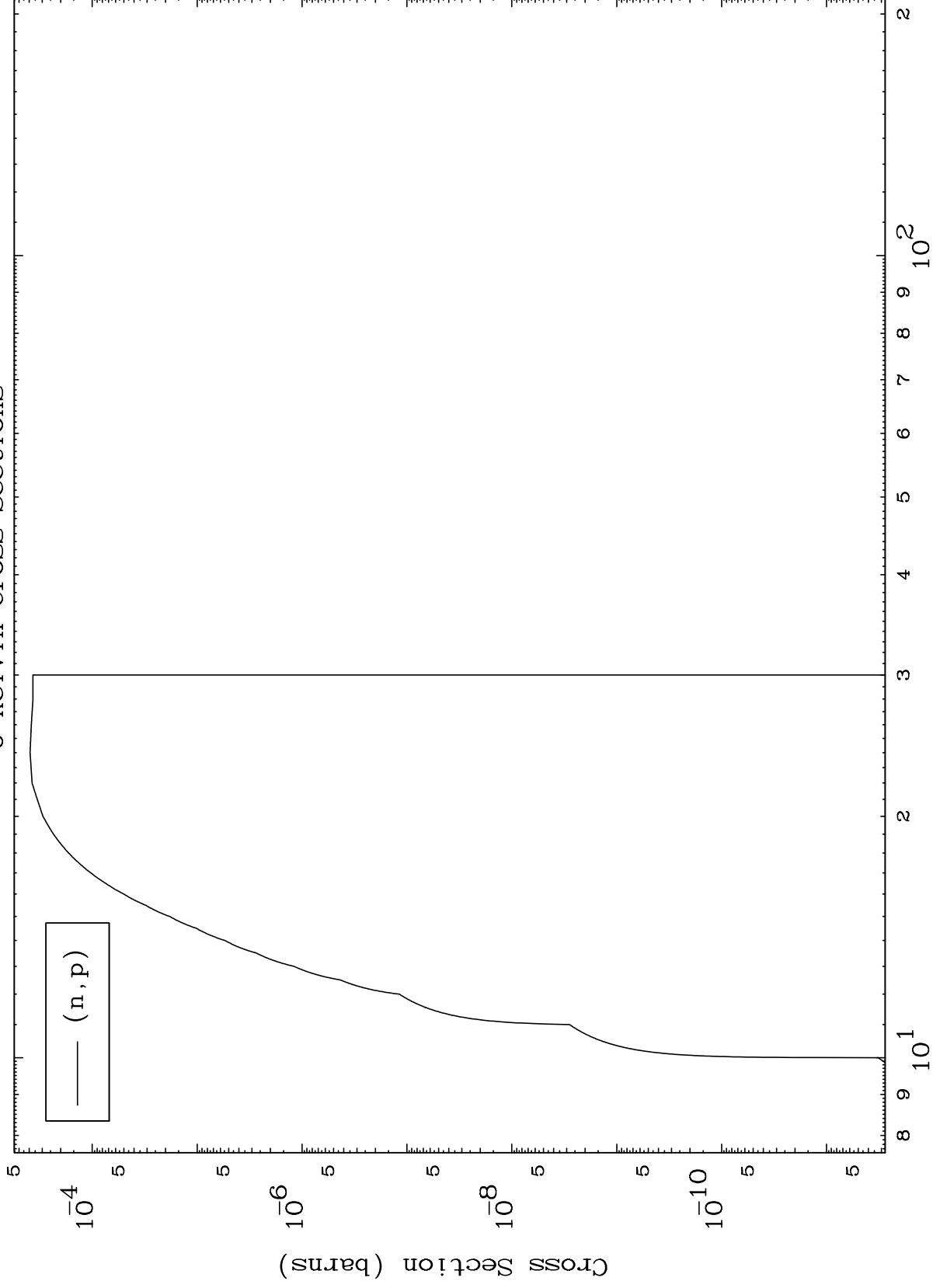
Incident Energy (MeV)

60-Nd-145

MAT 6034

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

60-Nd-145



Incident Energy (MeV)

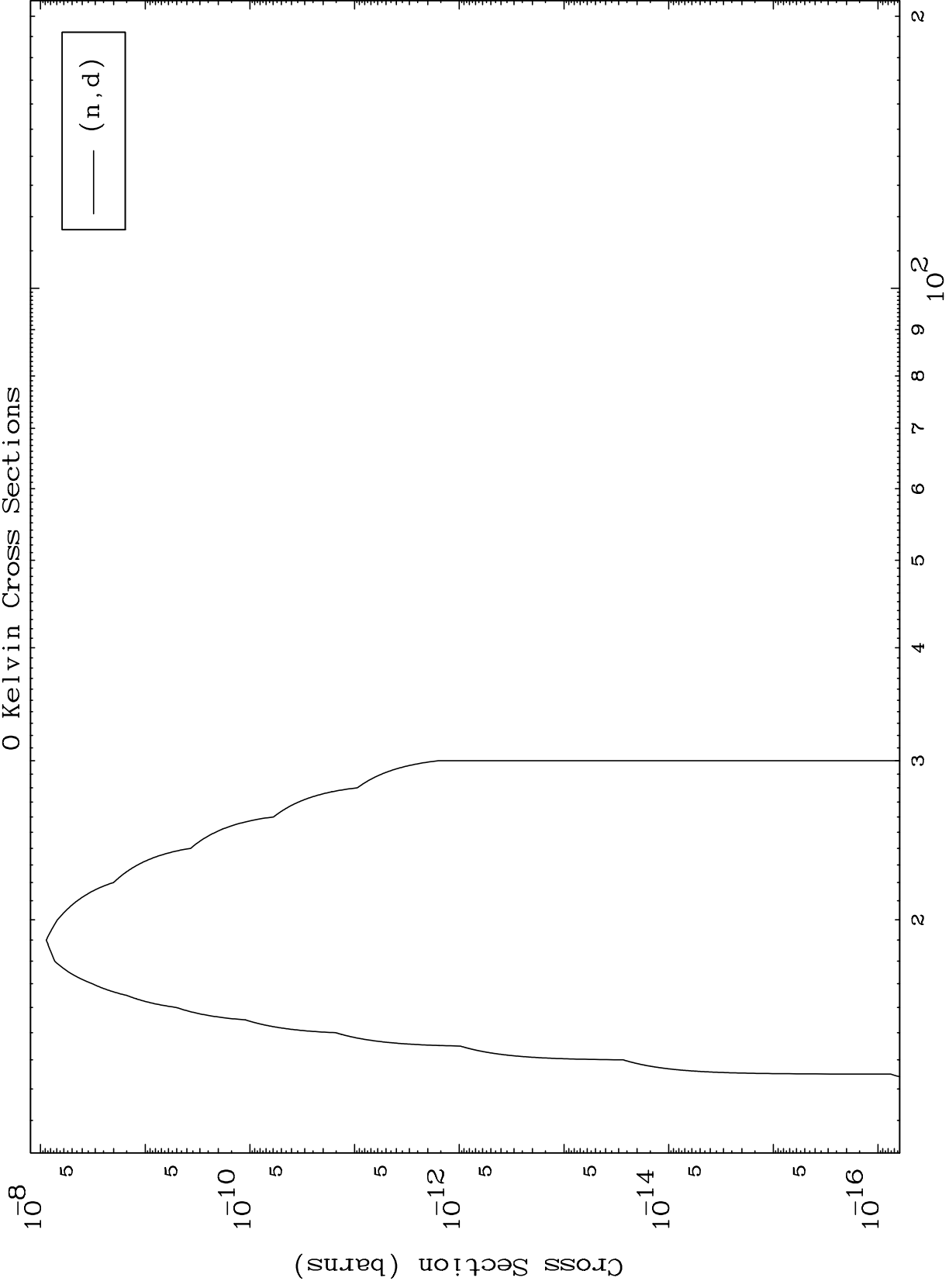
60-Nd-145

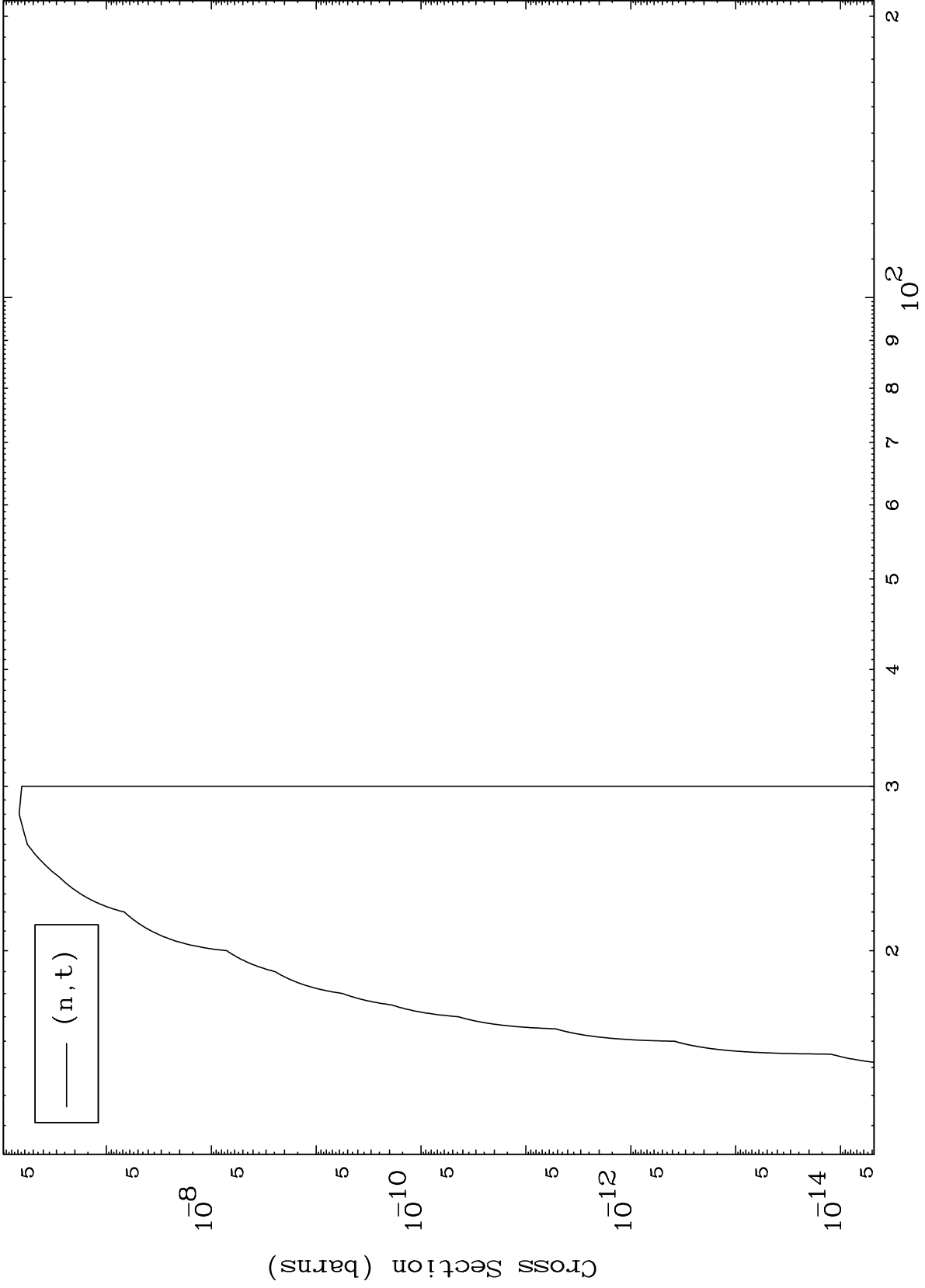
7

MAT 6034

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

60-Nd-145

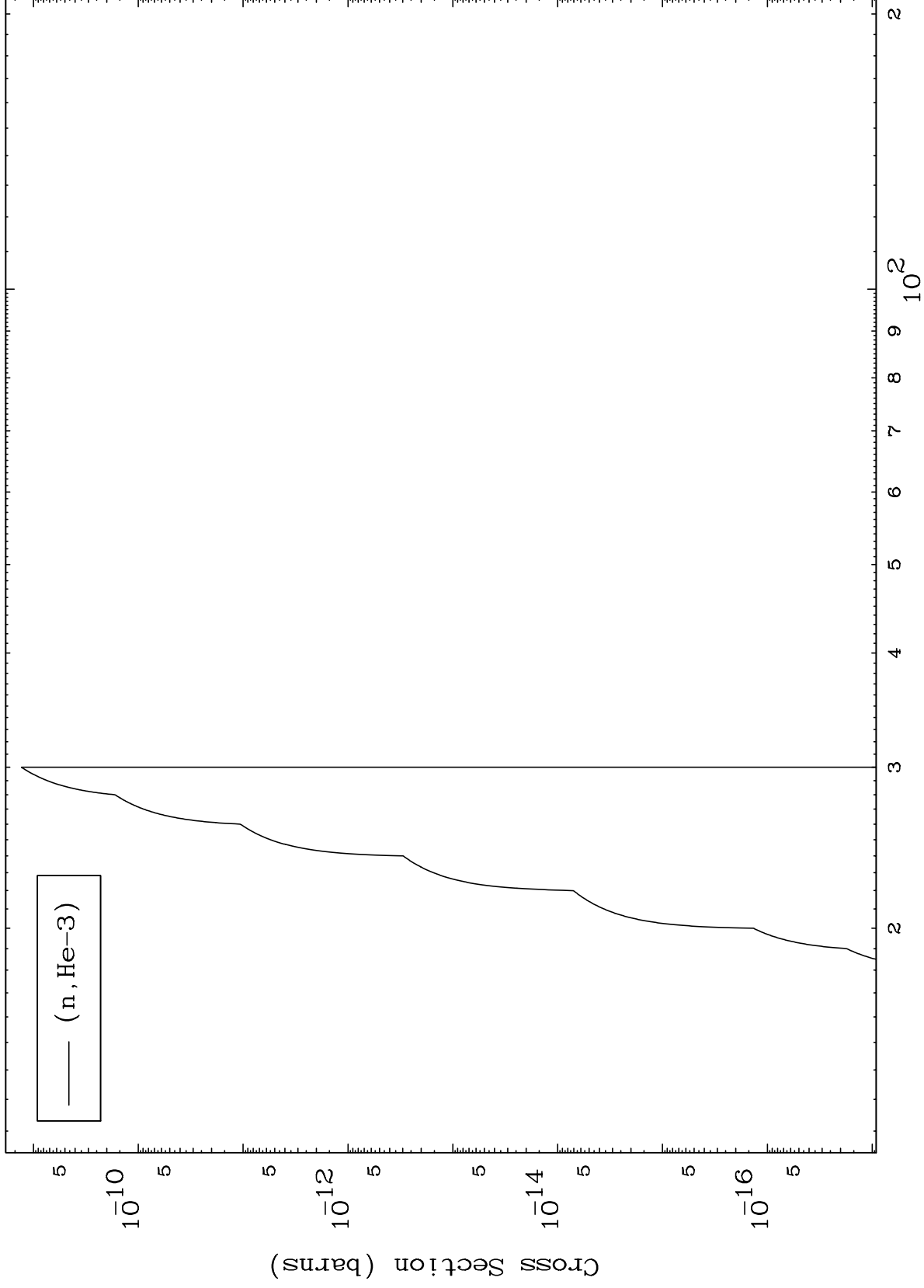




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

60-Nd-145



10

Incident Energy (MeV)

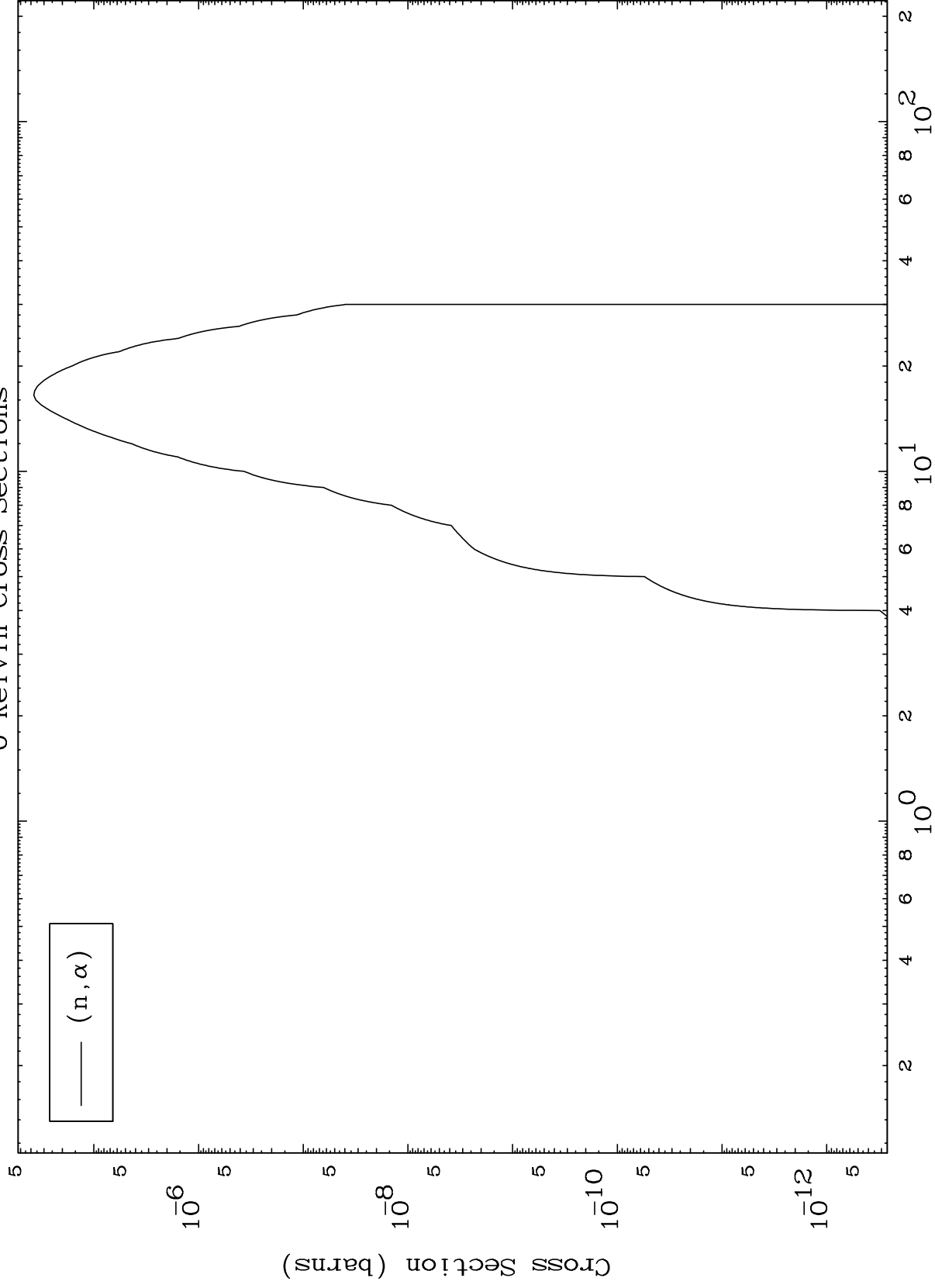
60-Nd-145

MAT 6034

( $\gamma, \alpha$ ) Levels

60-Nd-145

0 Kelvin Cross Sections



11

Incident Energy (MeV)

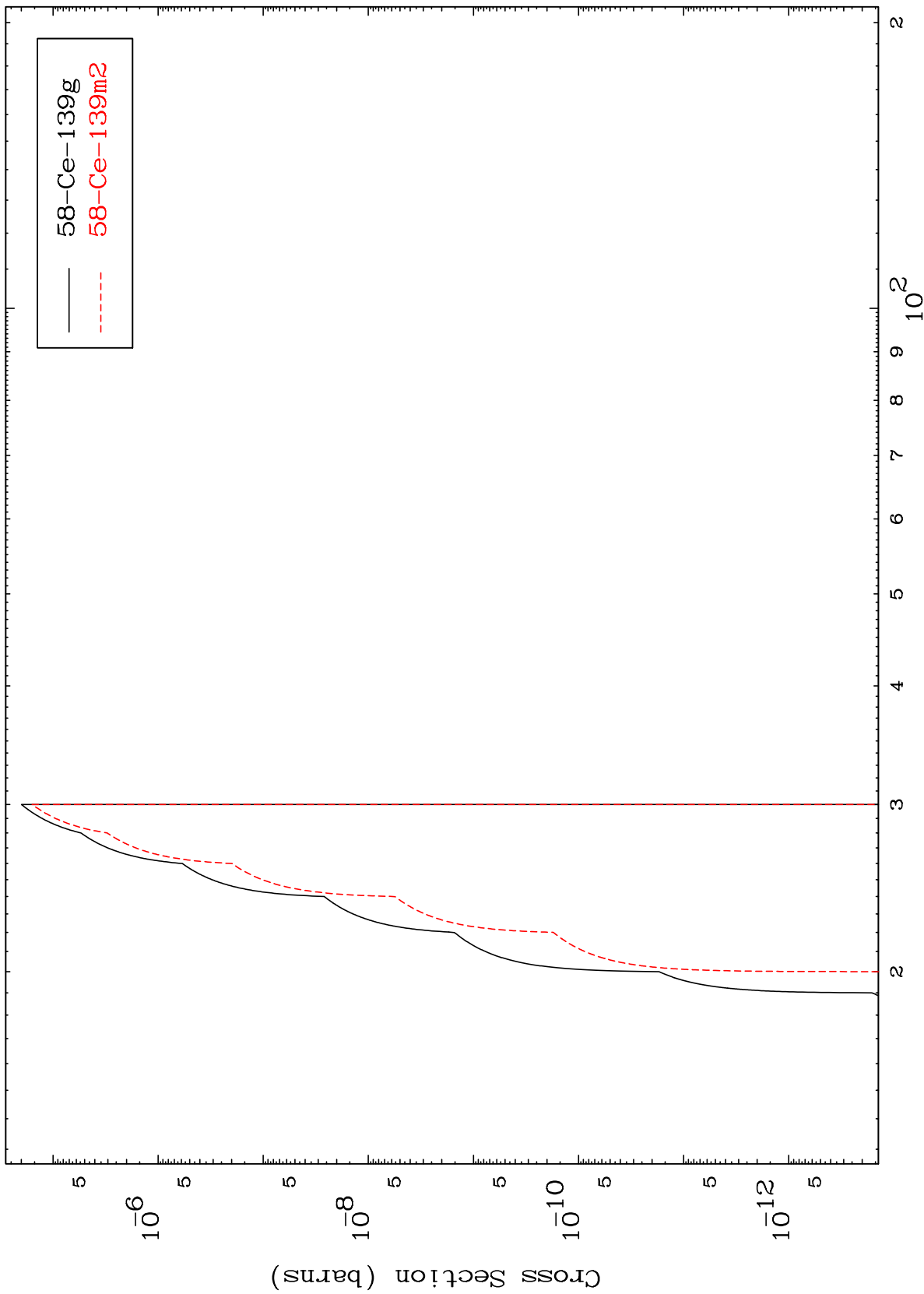
60-Nd-145

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$(n,2n) \alpha$

60-Nd-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

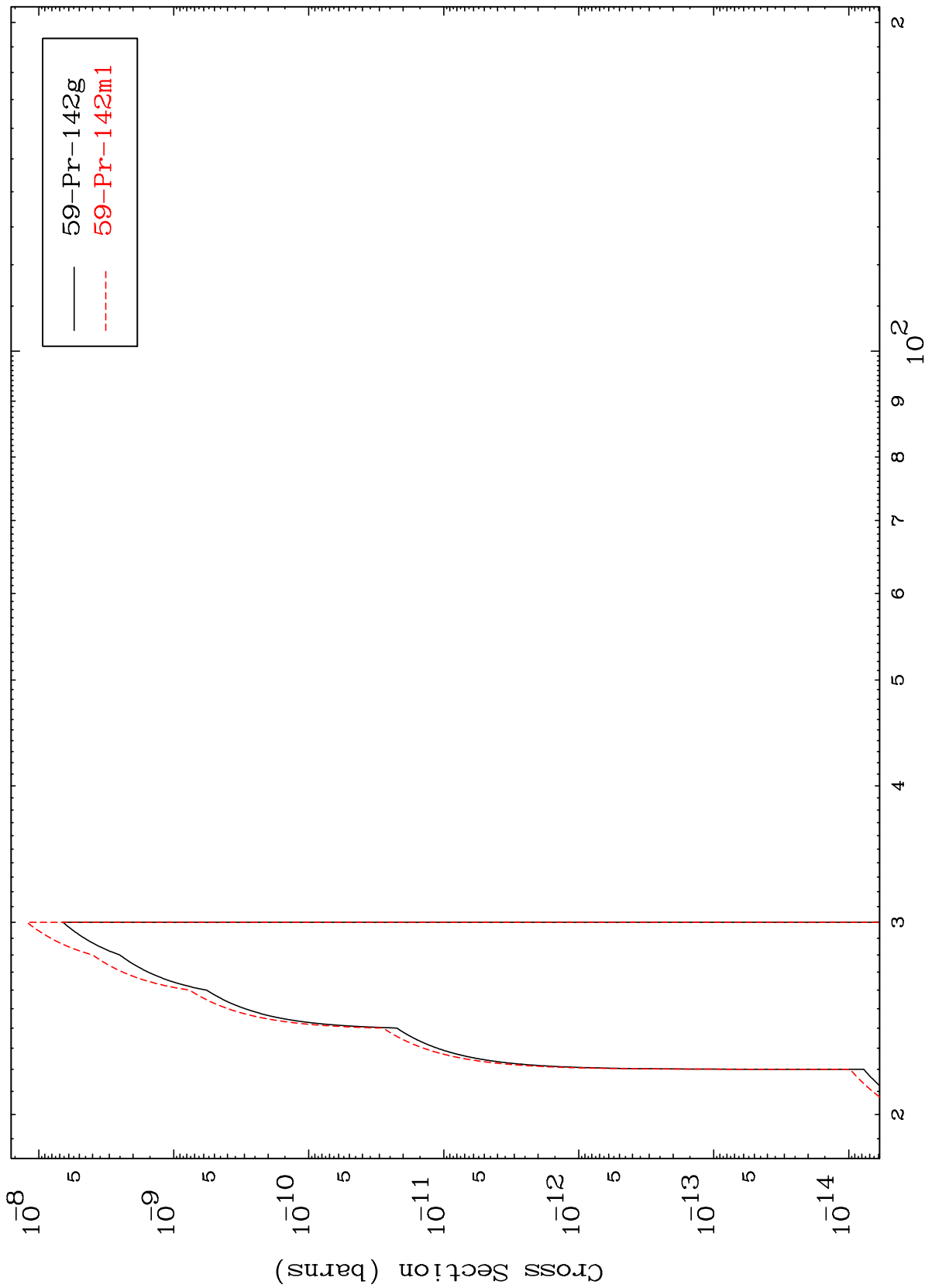
60-Nd-145

MAT 6034

(n,n') d

60-Nd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

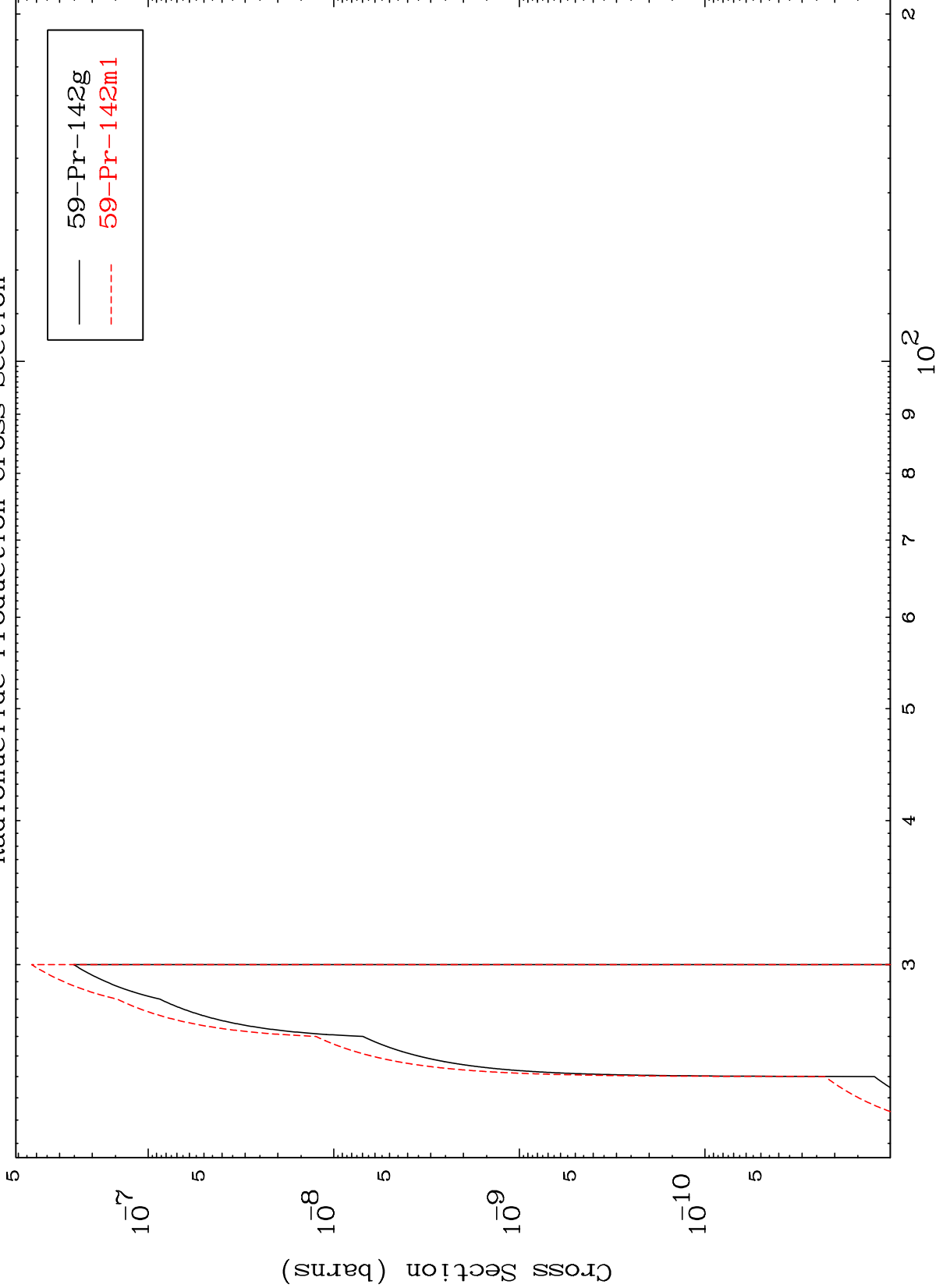
60-Nd-145

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(n,2n) p

60-Nd-145

Radionuclide Production Cross Section



14

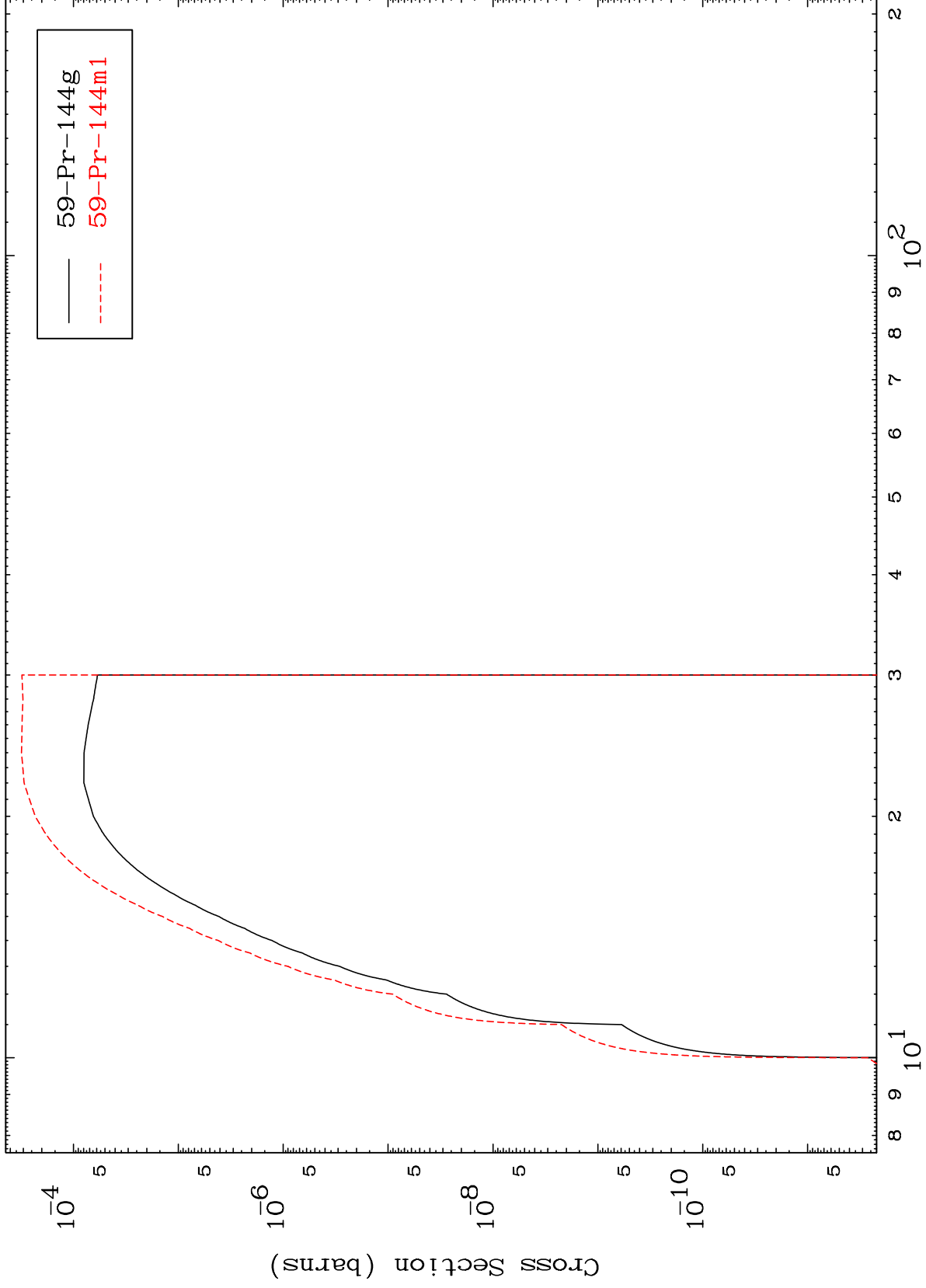
Incident Energy (MeV)

60-Nd-145

MAT 6034

60-Nd-145

(n,p)  
Radionuclide Production Cross Section



60-Nd-145

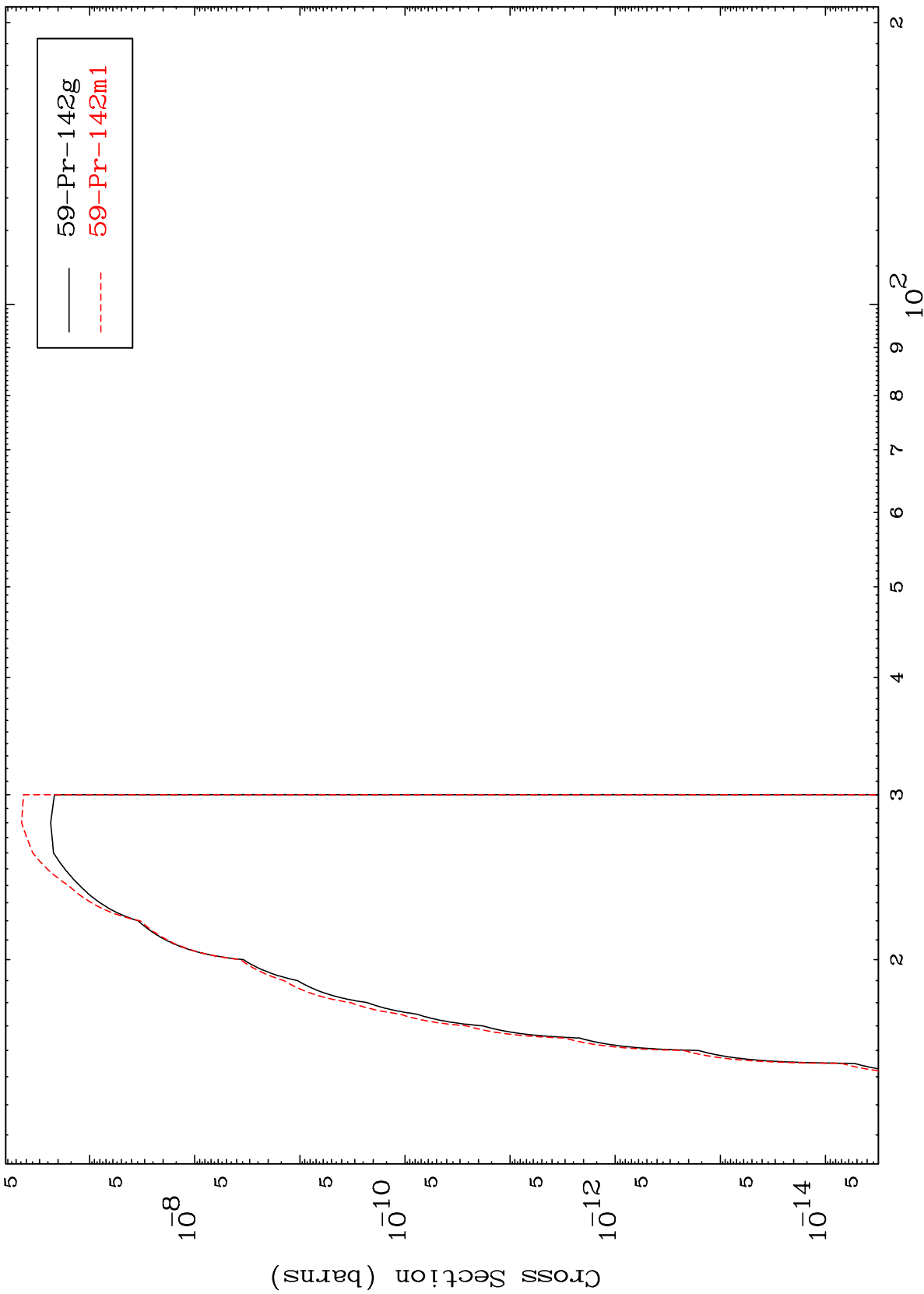
Incident Energy (MeV)

15

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60-Nd-145

(n,t)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

60-Nd-145