

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

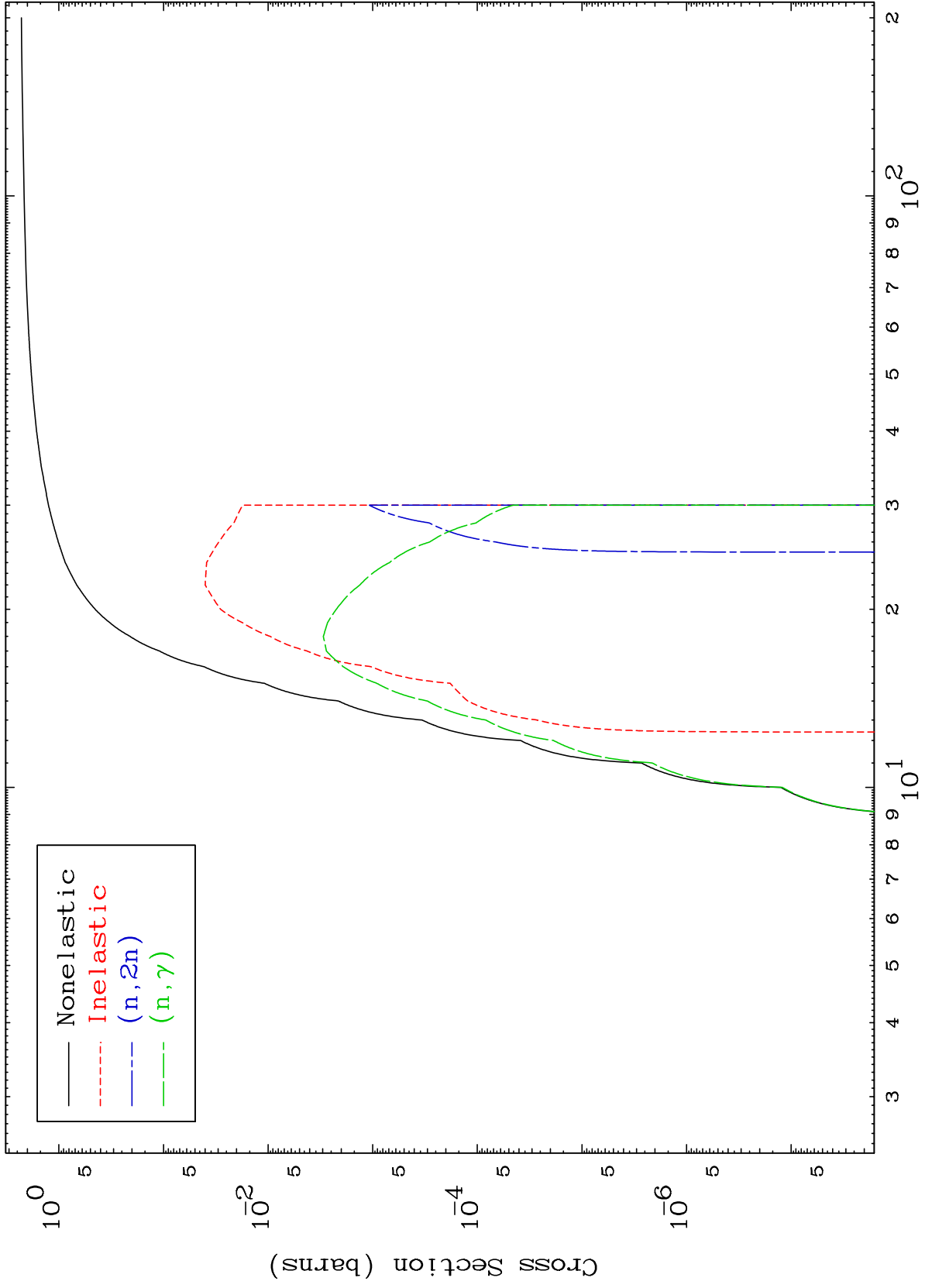
Web:redcullen1.net/HOMEPAGE.NEW

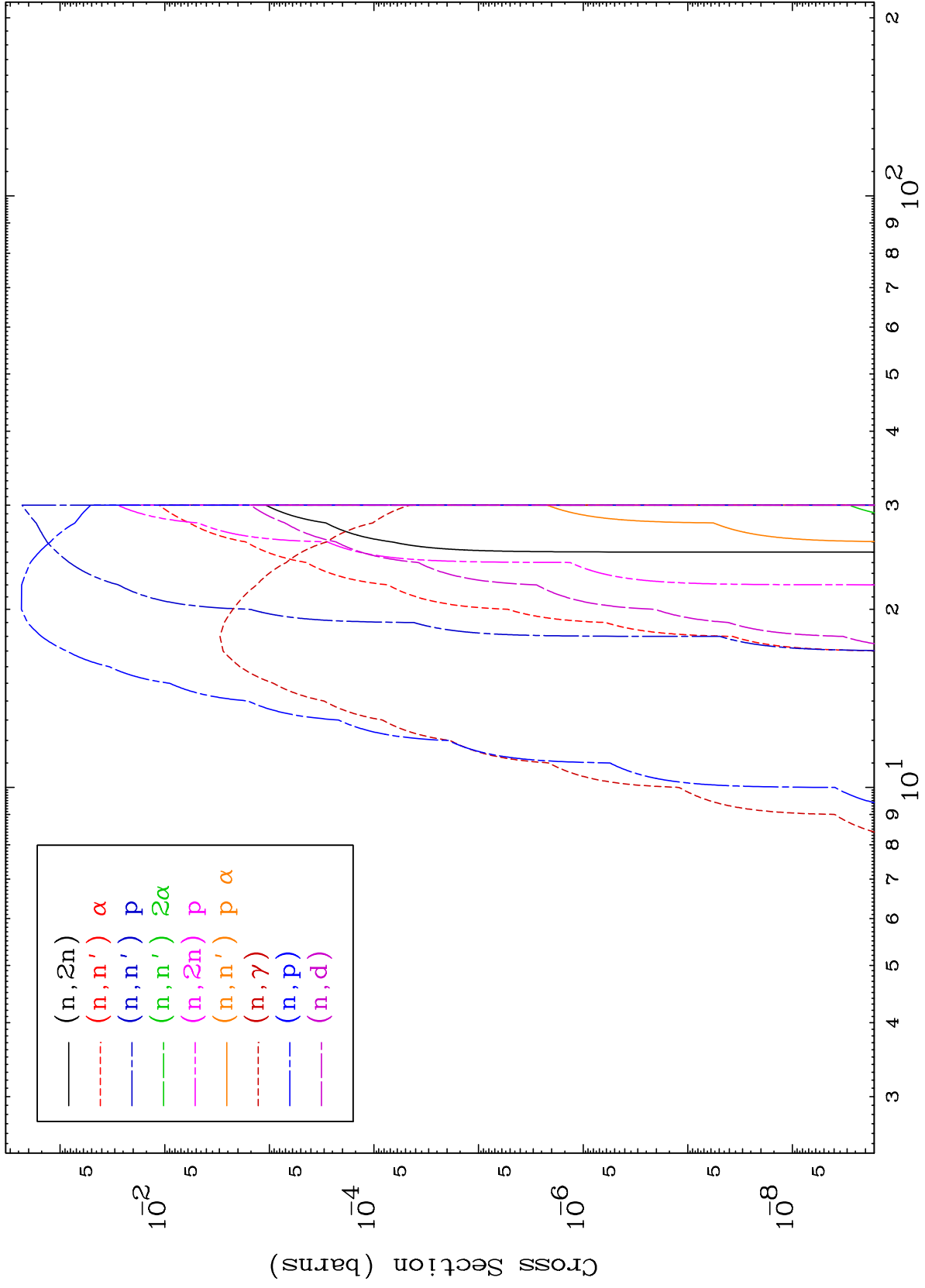
Press Mouse Button to Start

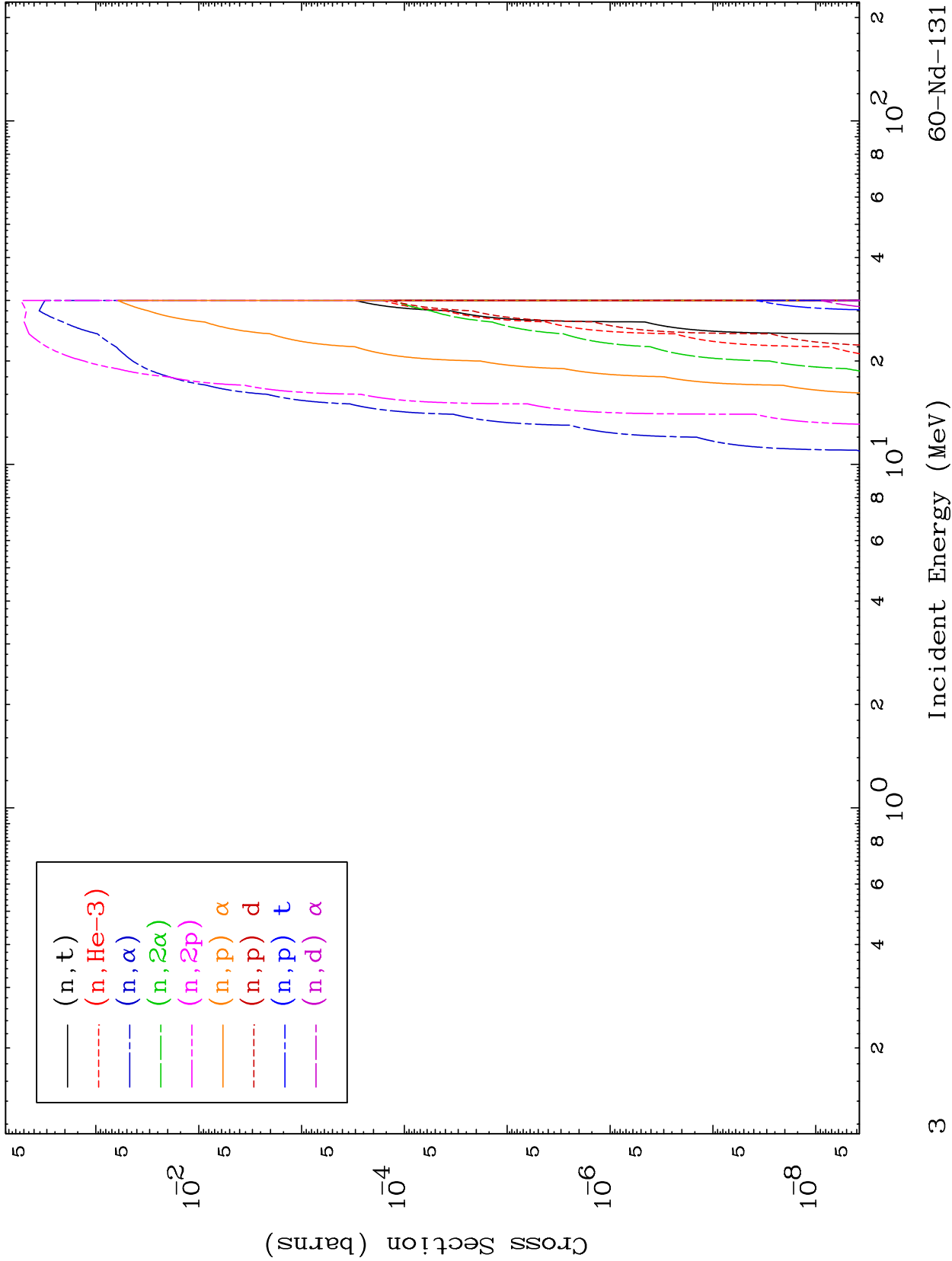
MAT 5992

0 Kelvin Major  
 $\alpha$  Major Cross Sections

60-Nd-131



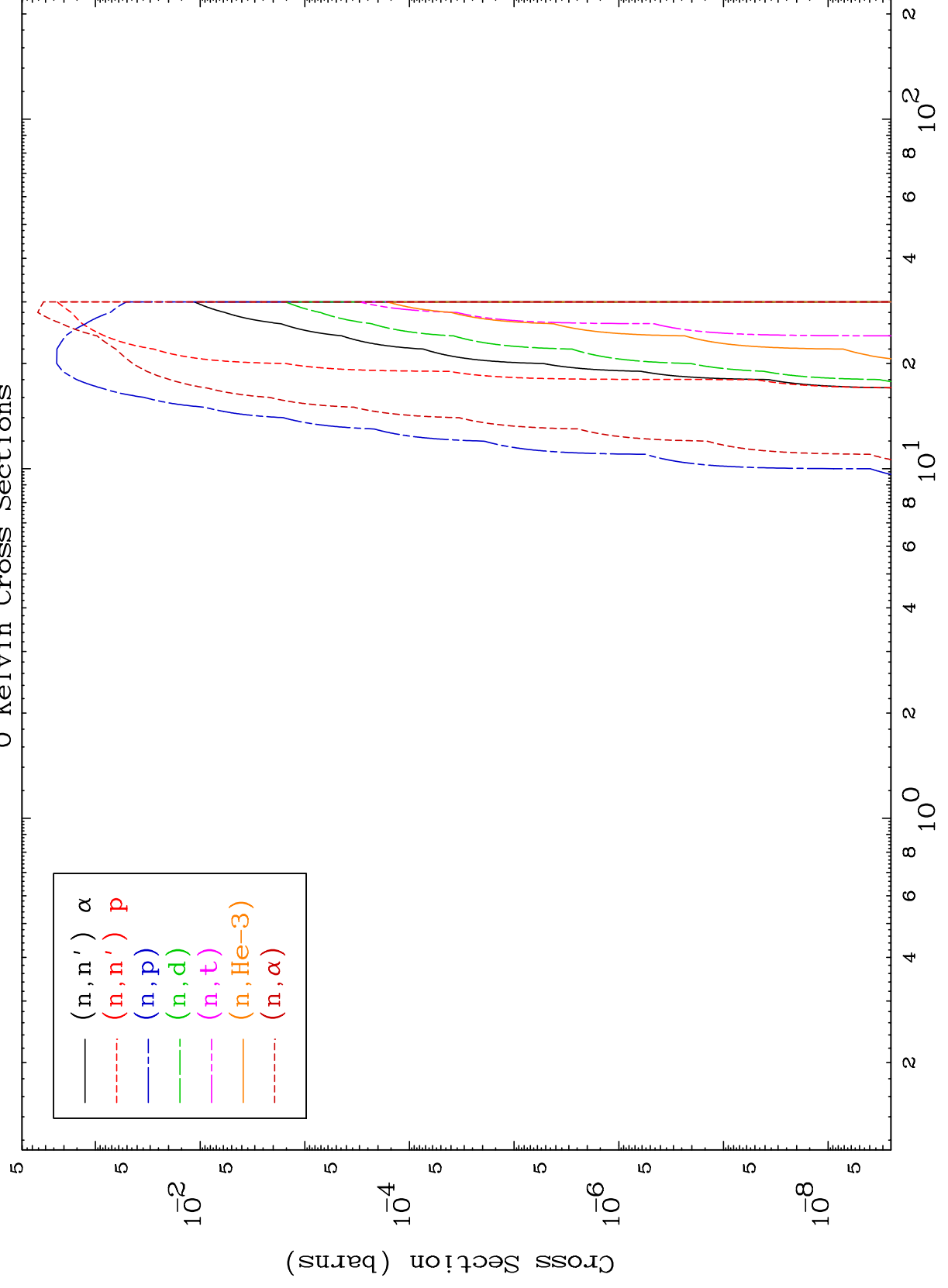


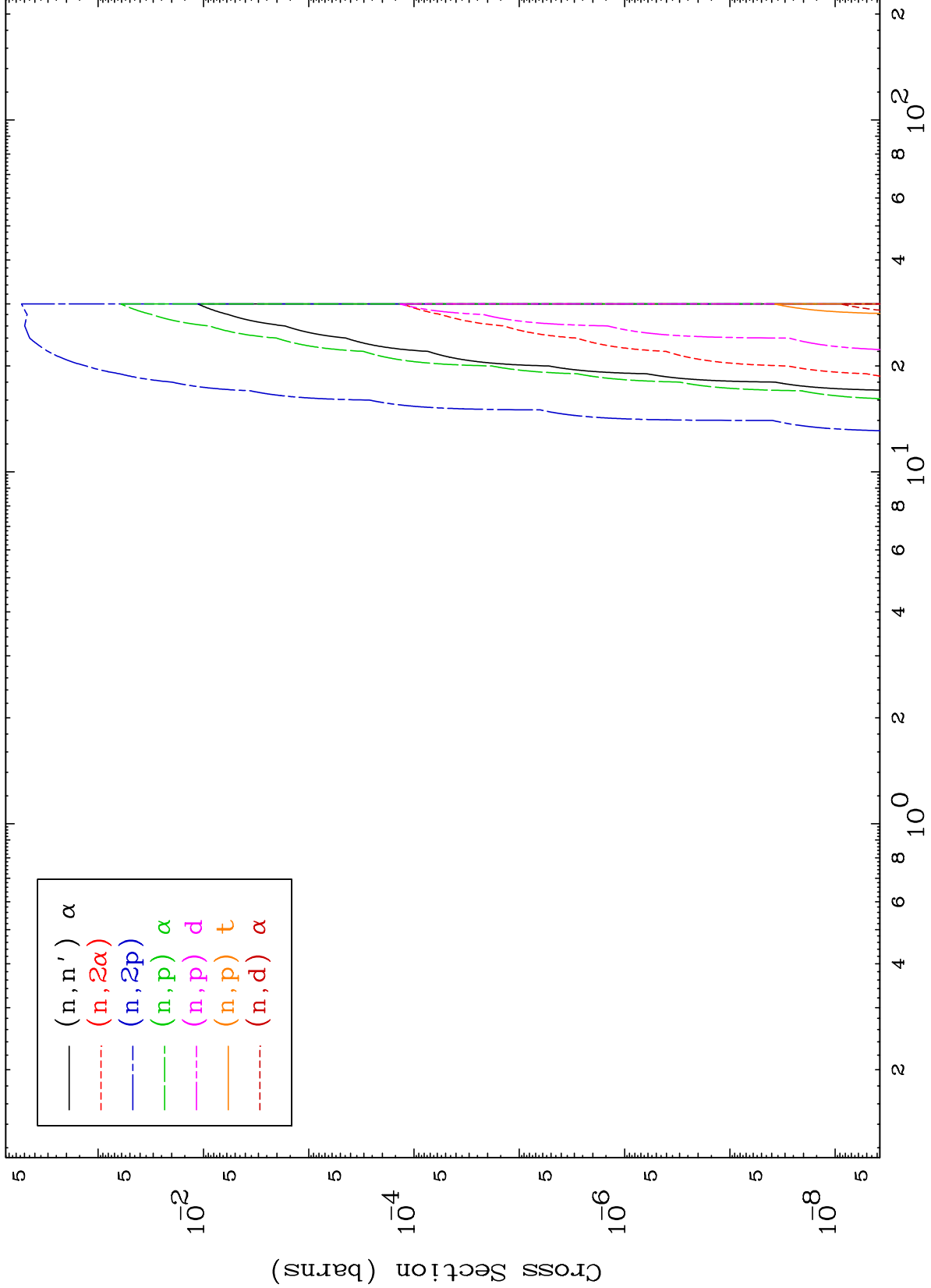


MAT 5992

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

60-Nd-131



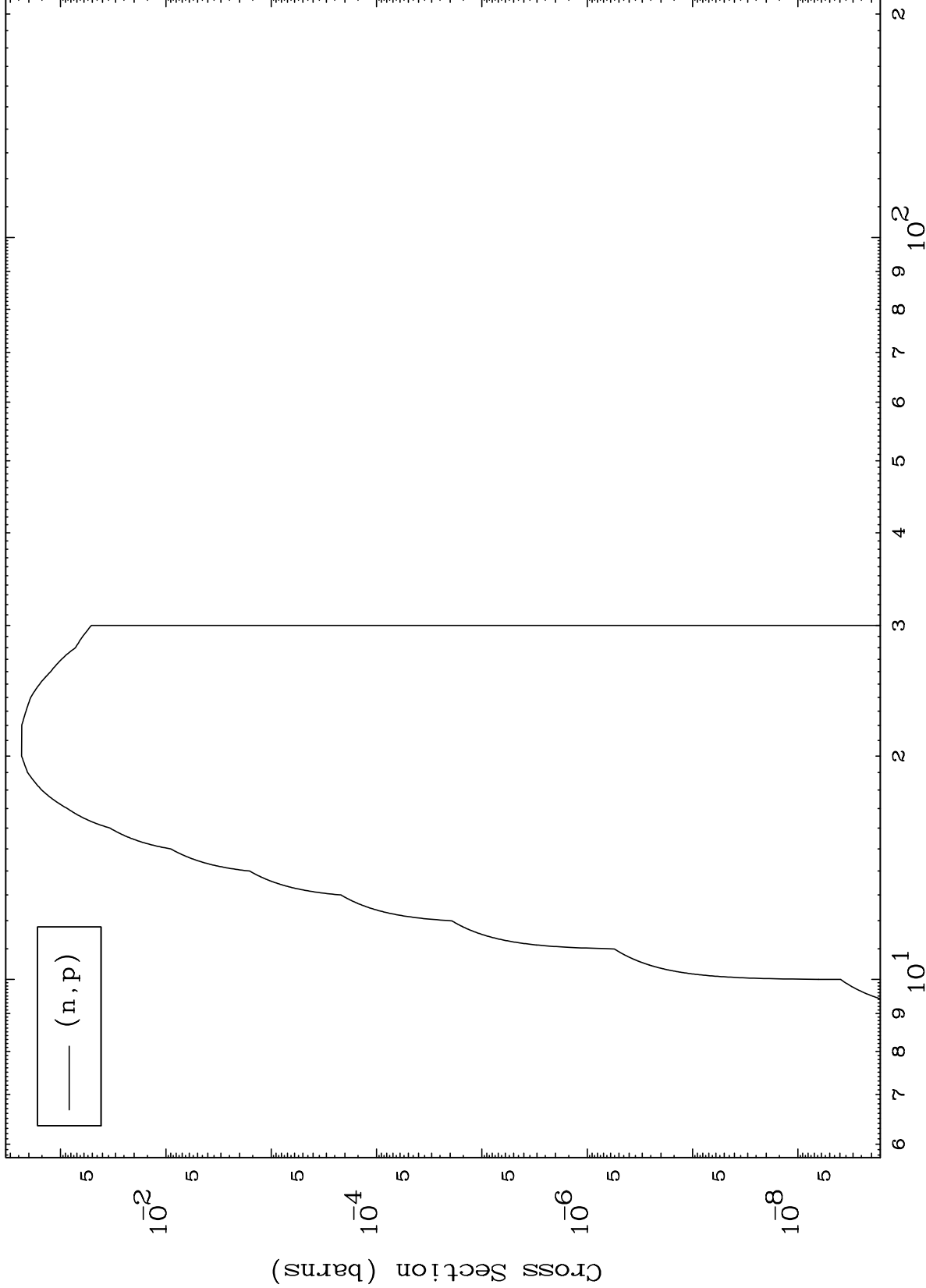


MAT 5992

( $\alpha, p$ ) Levels

$^{60}\text{Nd}-131$

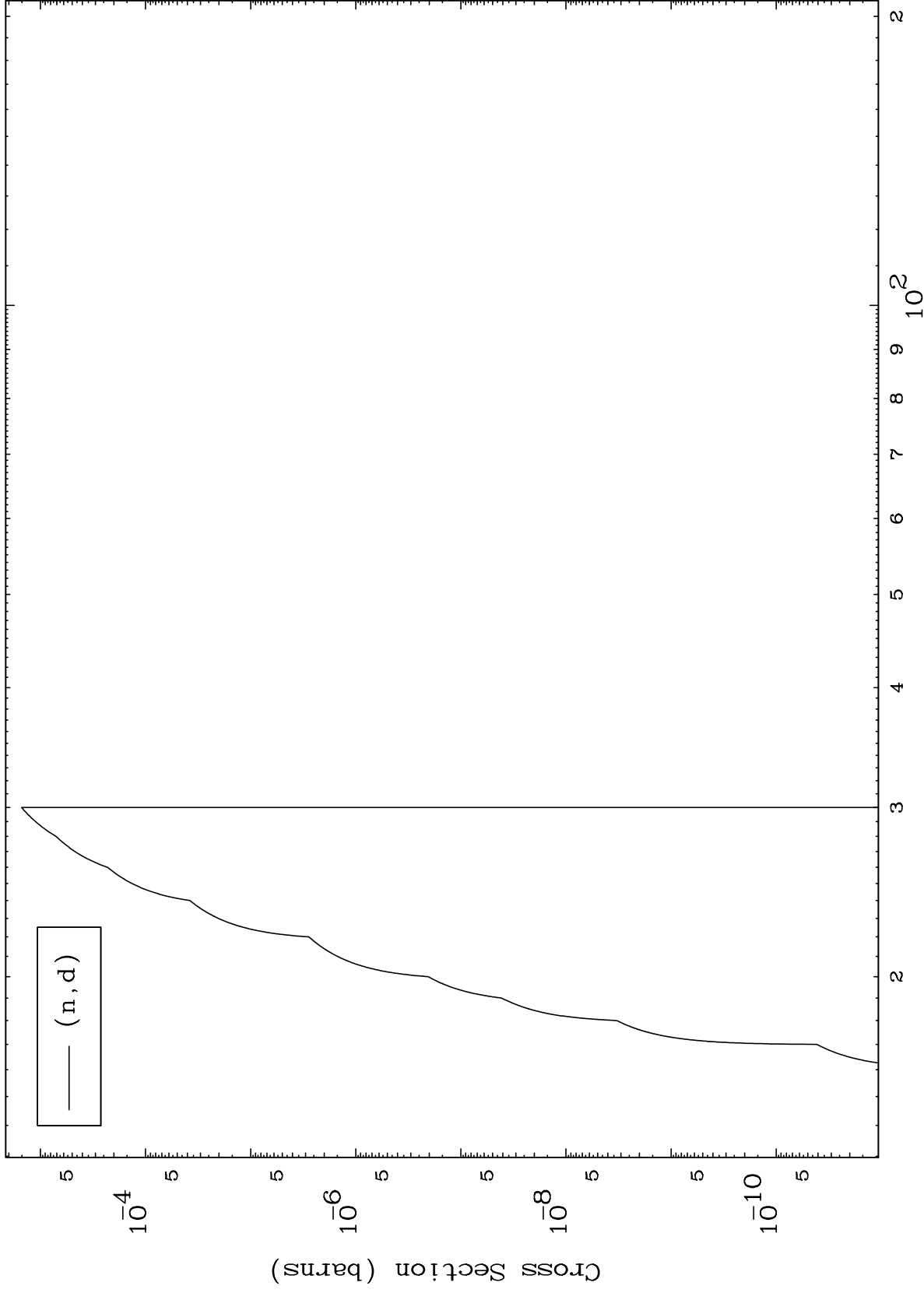
0 Kelvin Cross Sections



6

Incident Energy (MeV)

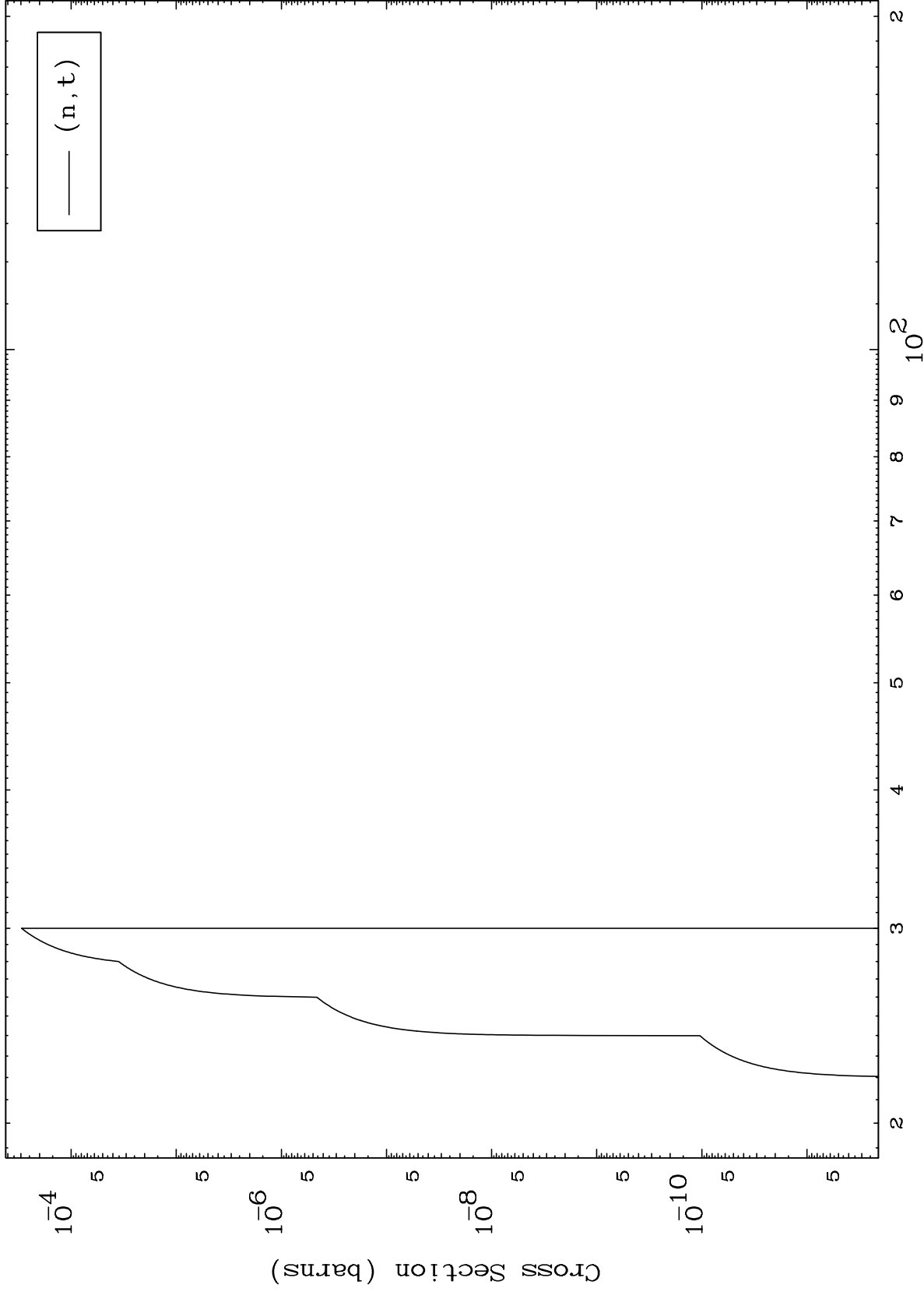
$^{60}\text{Nd}-131$



MAT 5992

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

60-Nd-131



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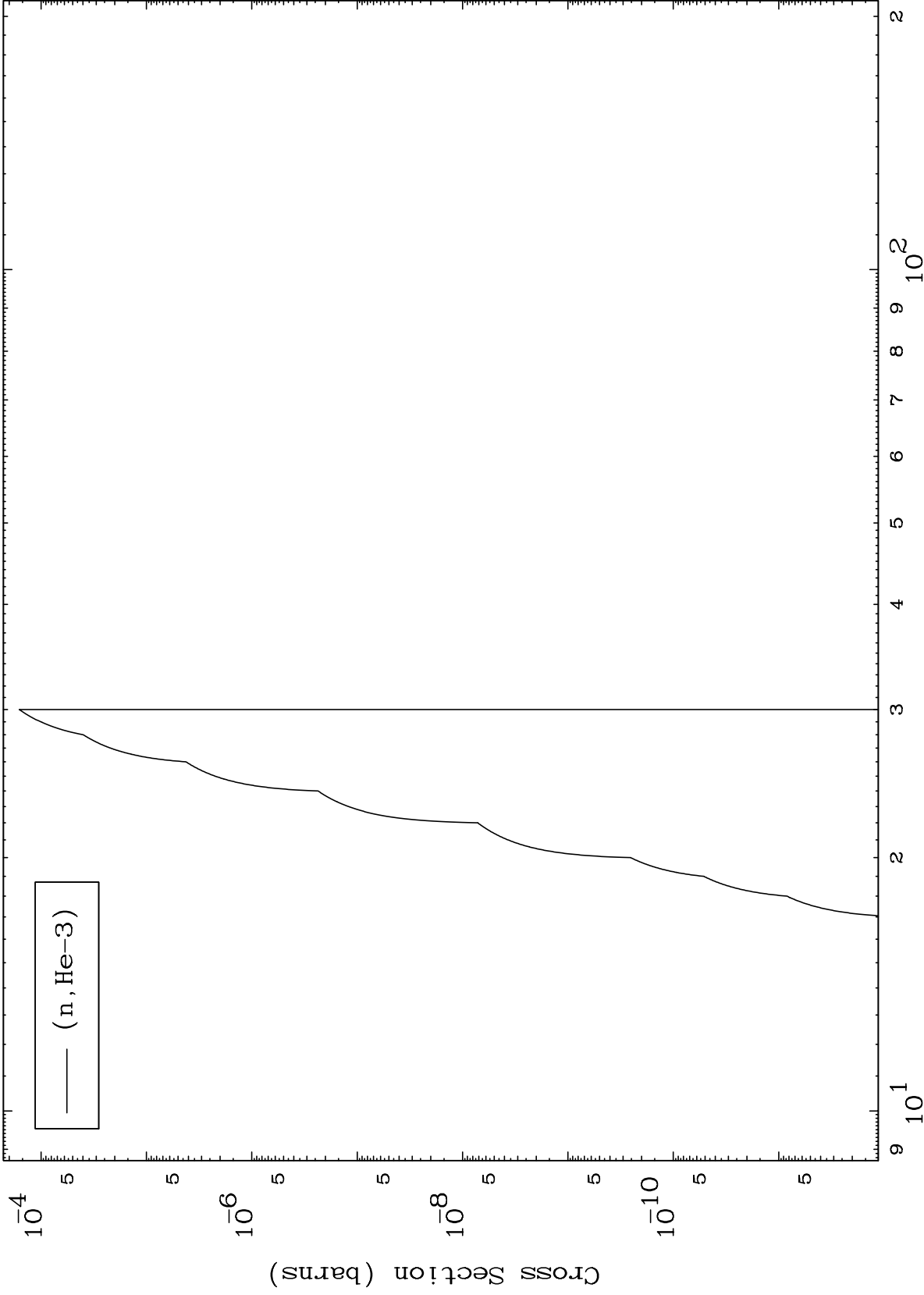
Incident Energy (MeV)

60-Nd-131

MAT 5992

60-Nd-131

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



60-Nd-131

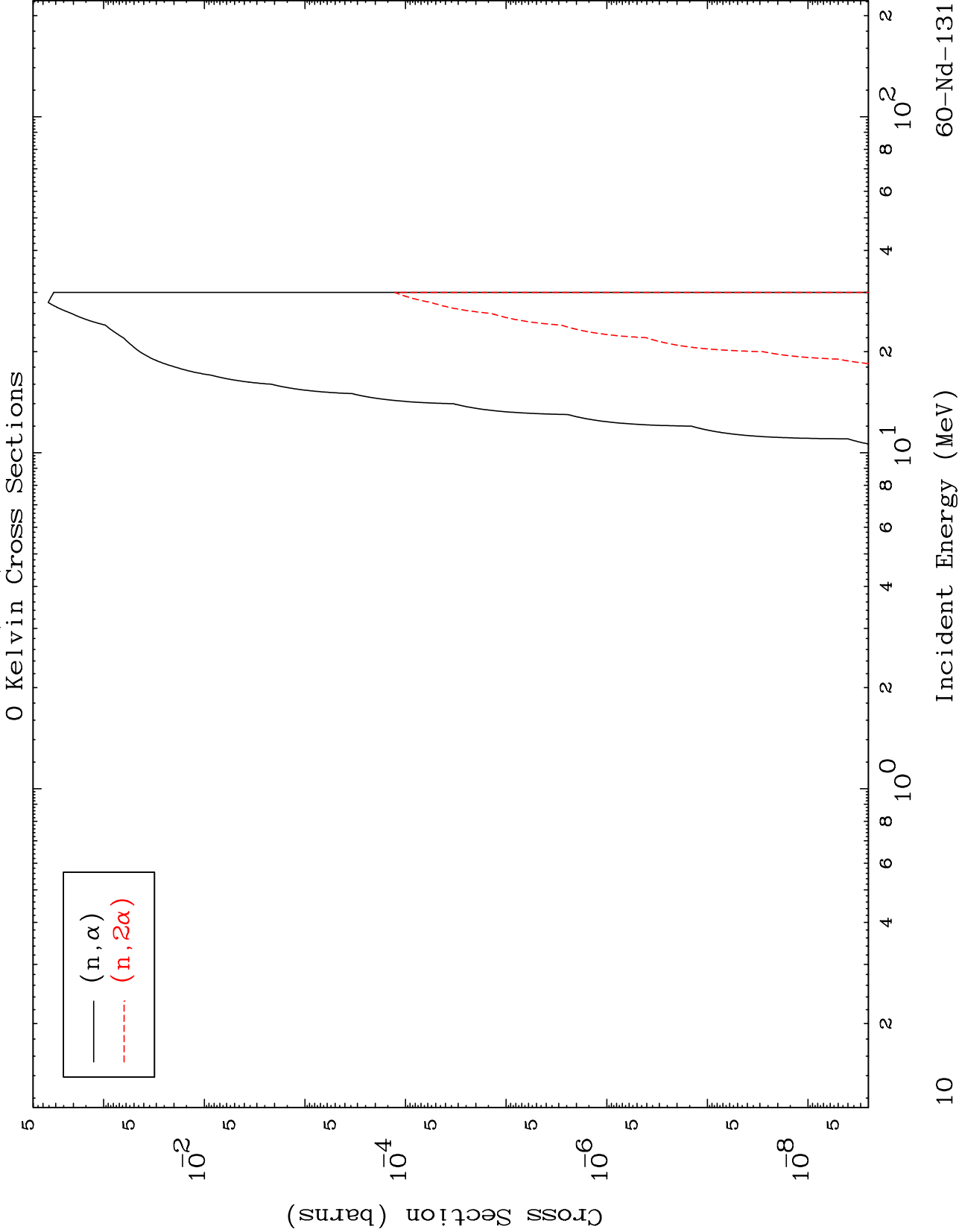
Incident Energy (MeV)

9

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( $\alpha, \alpha$ ) Levels

60-Nd-131

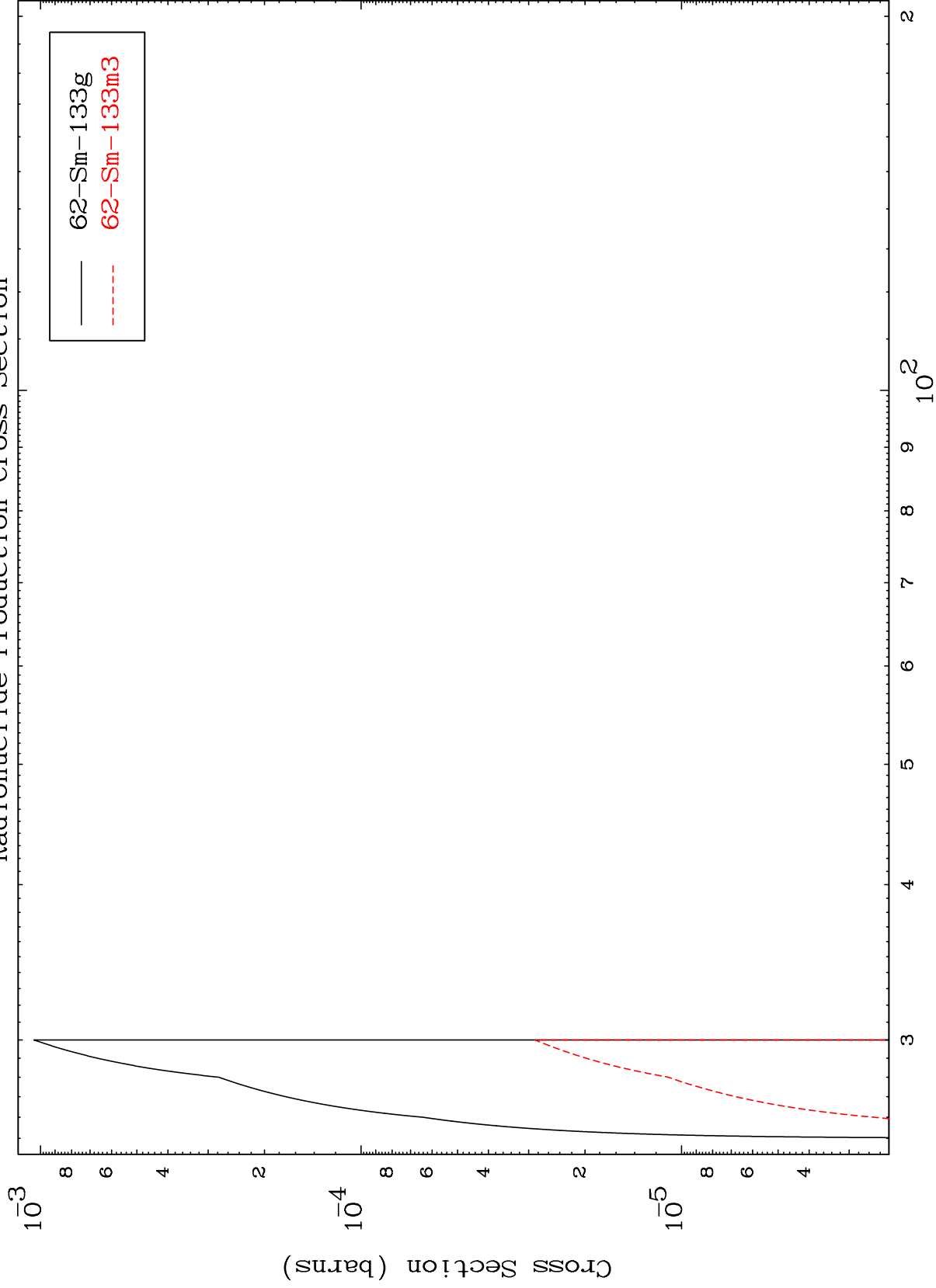


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60-Nd-131

(n,2n)  
Radionuclide Production Cross Section

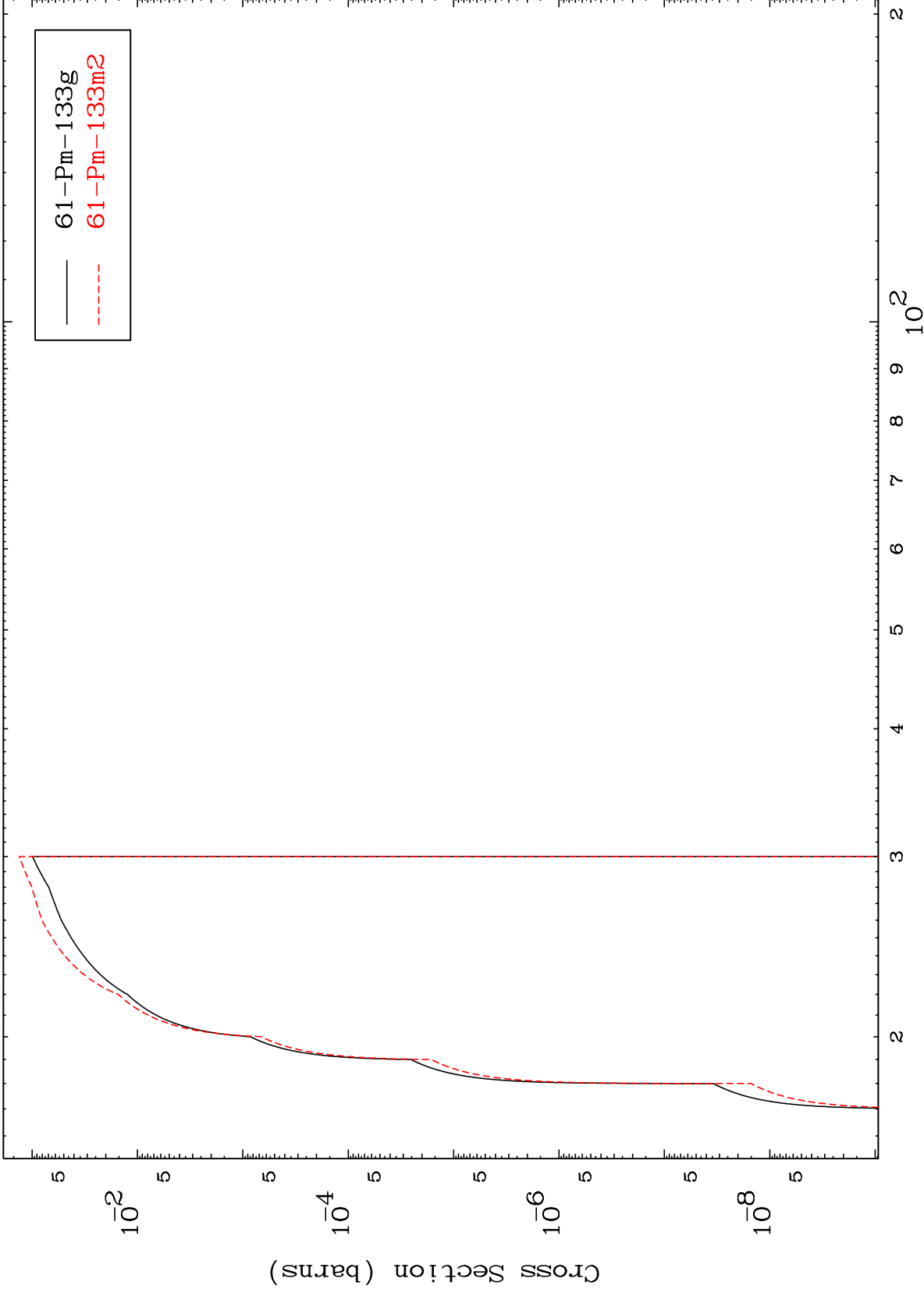


11

Incident Energy (MeV)

60-Nd-131

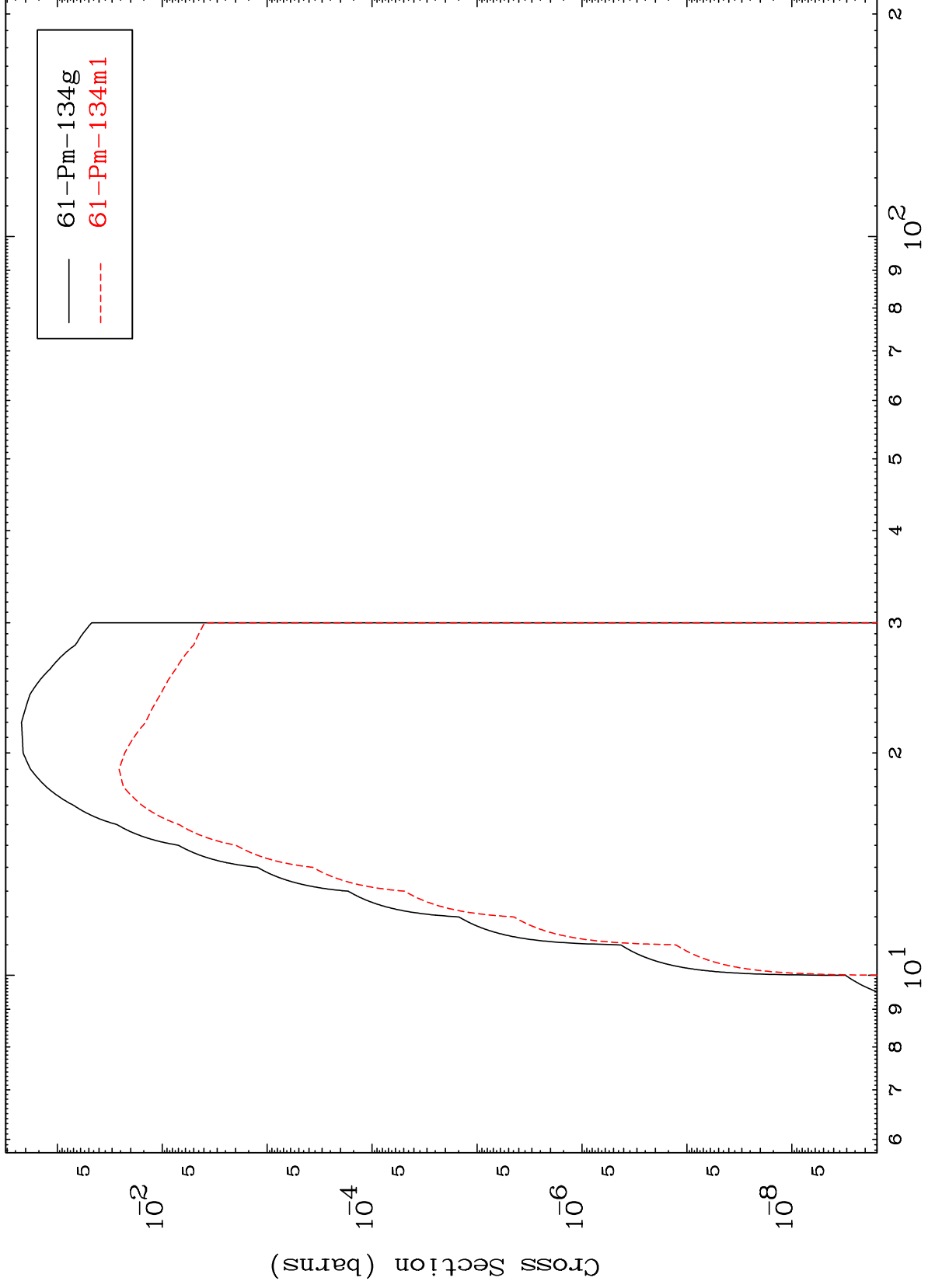
Radionuclide Production Cross Section



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<sup>60</sup>Nd-131

(n,p)  
Radionuclide Production Cross Section



13

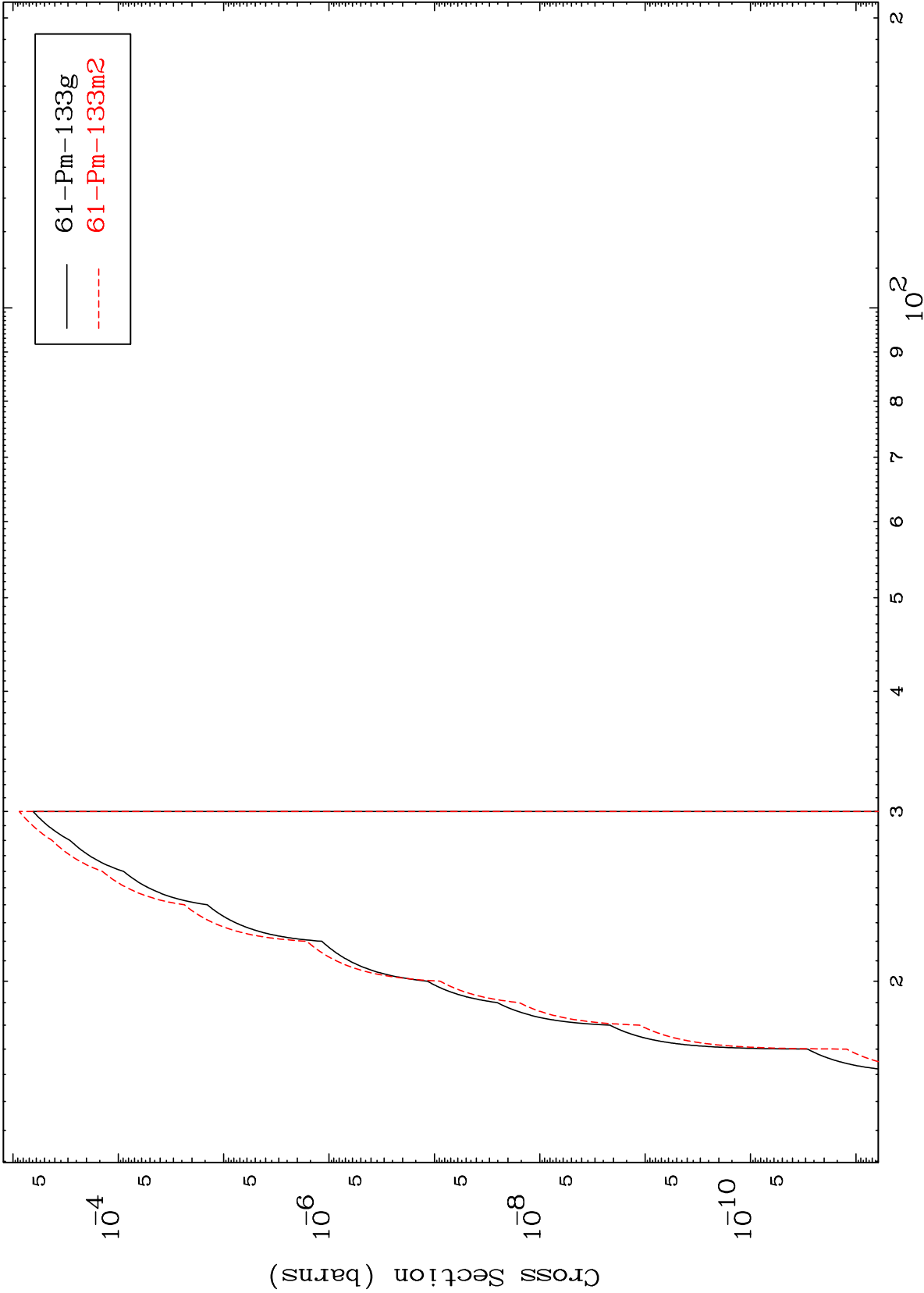
Incident Energy (MeV)

<sup>60</sup>Nd-131

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60-Nd-131

(n,d)  
Radionuclide Production Cross Section



60-Nd-131

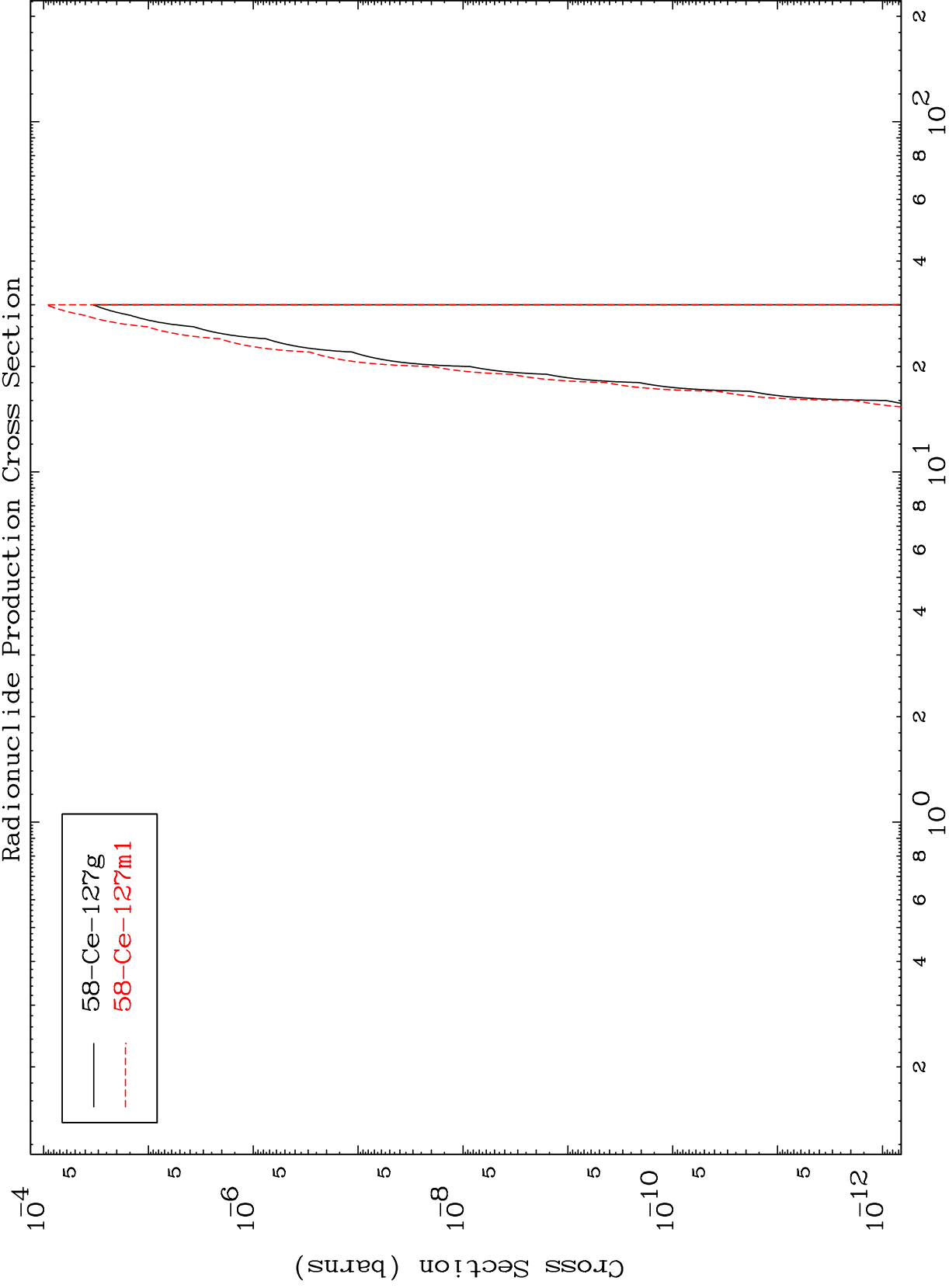
Incident Energy (MeV)

14

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60-Nd-131

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



15

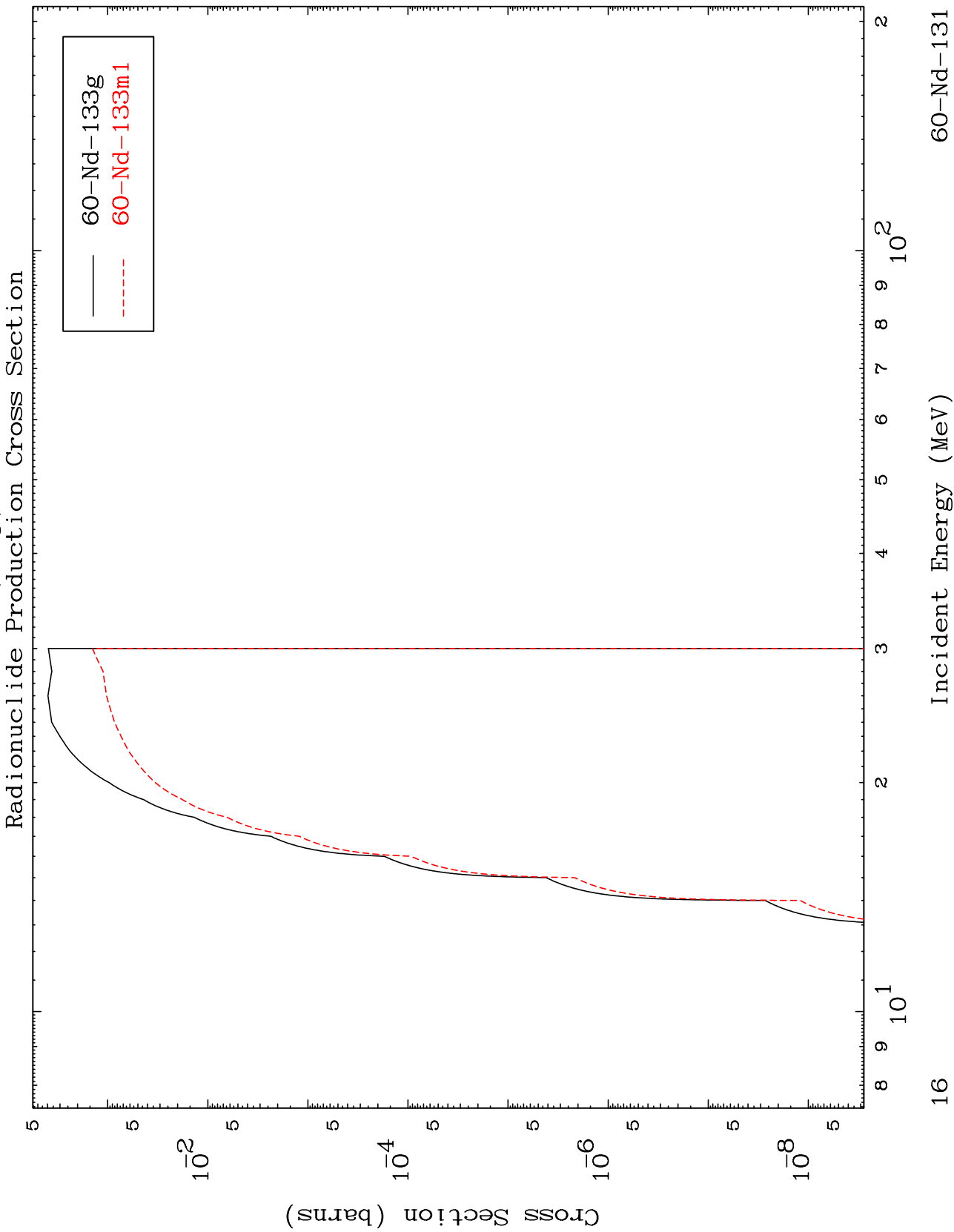
60-Nd-131

Incident Energy (MeV)

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60-Nd-131

(n,2p)



60-Nd-131

Incident Energy (MeV)

16