

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

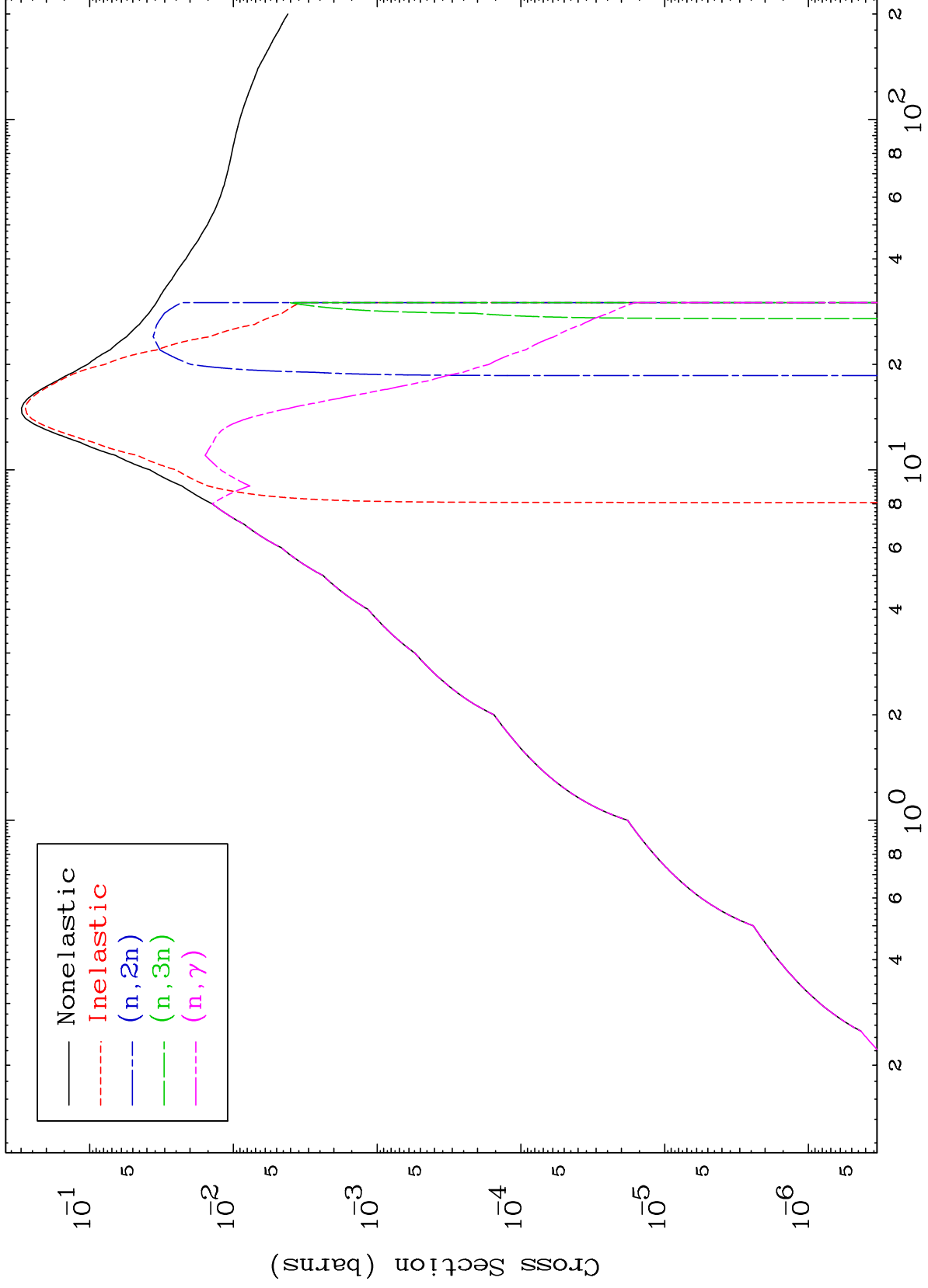
Press Mouse Button to Start

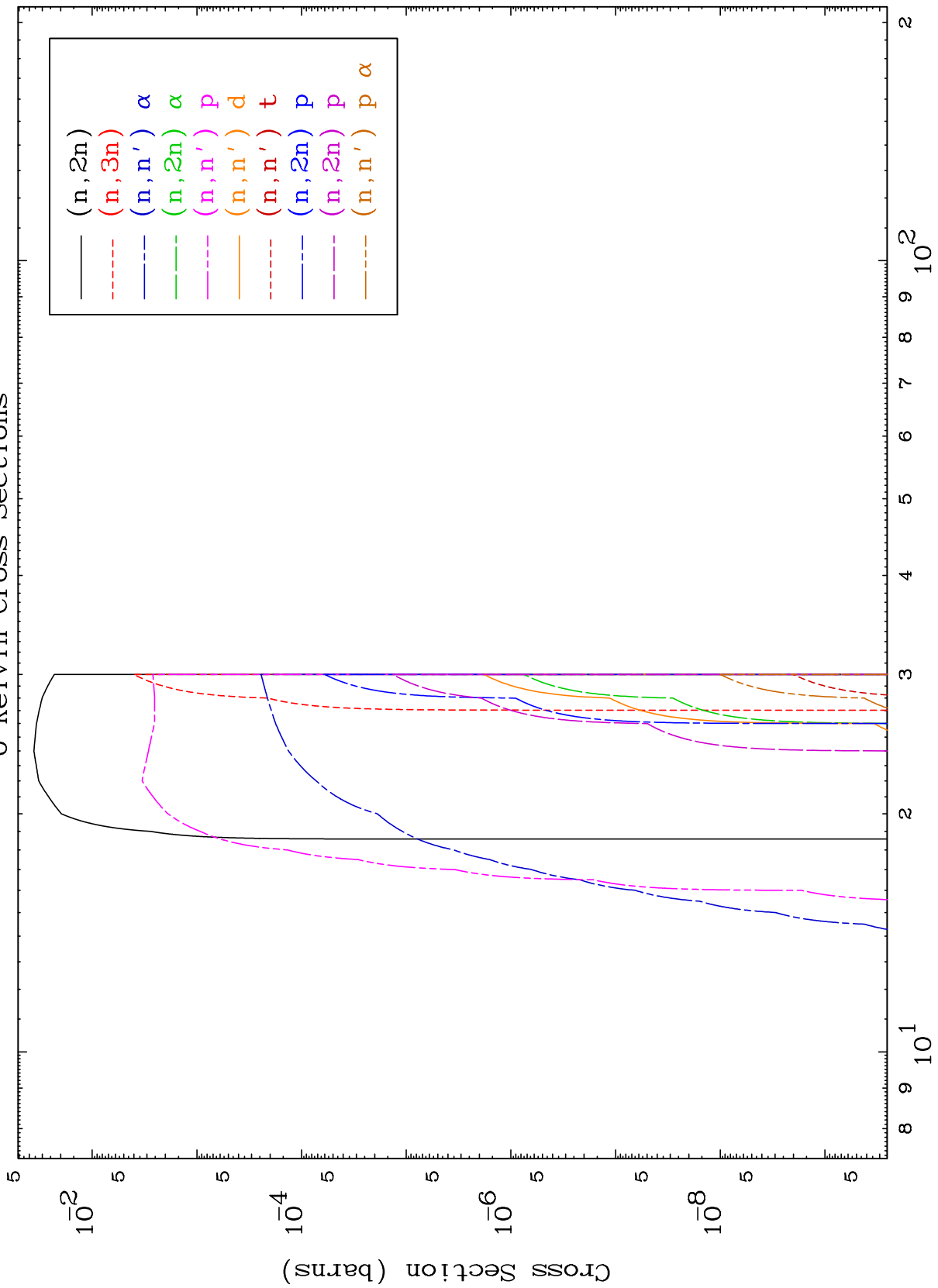
MAT 6016

Photon Major

60-Nd-139

0 Kelvin Cross Sections

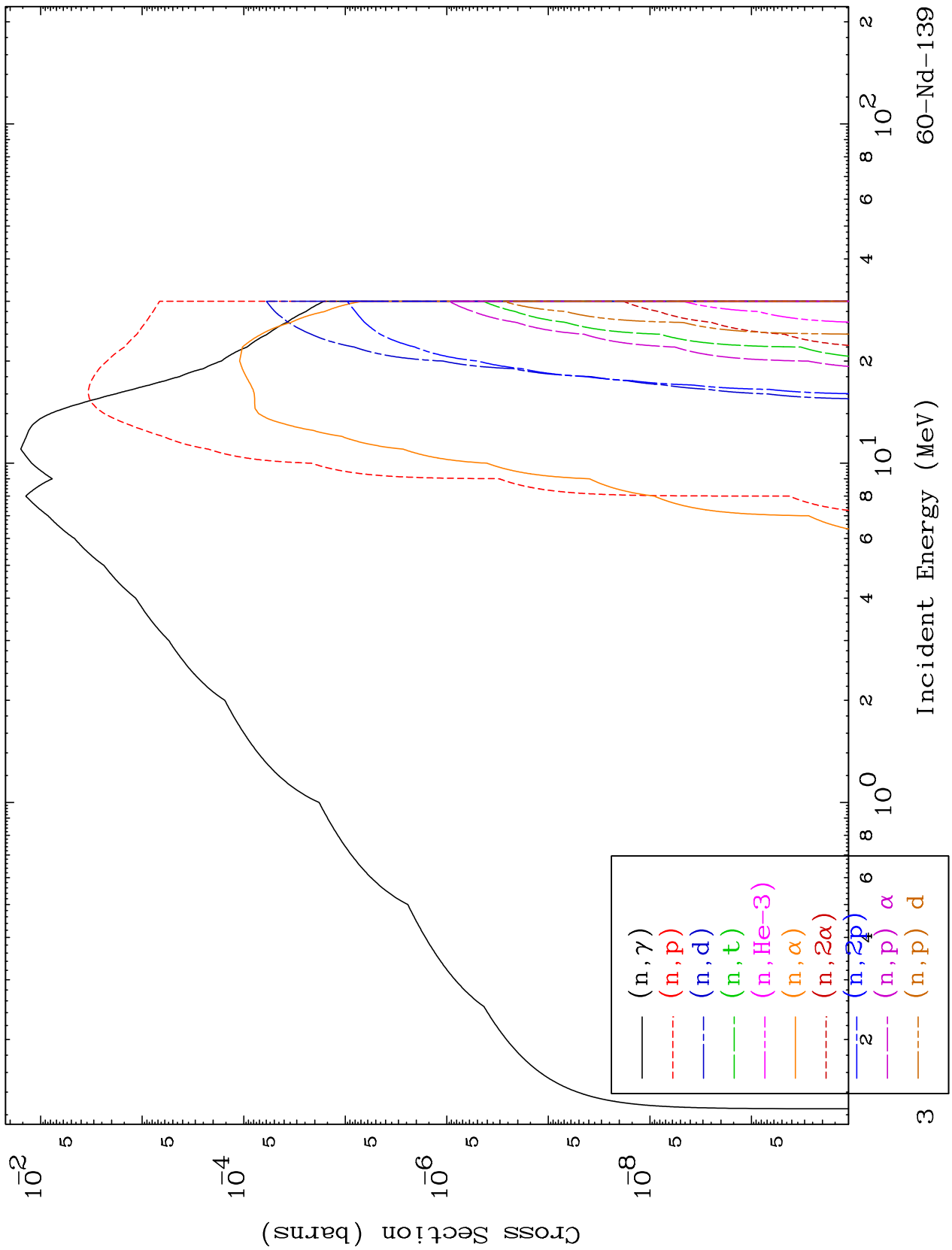


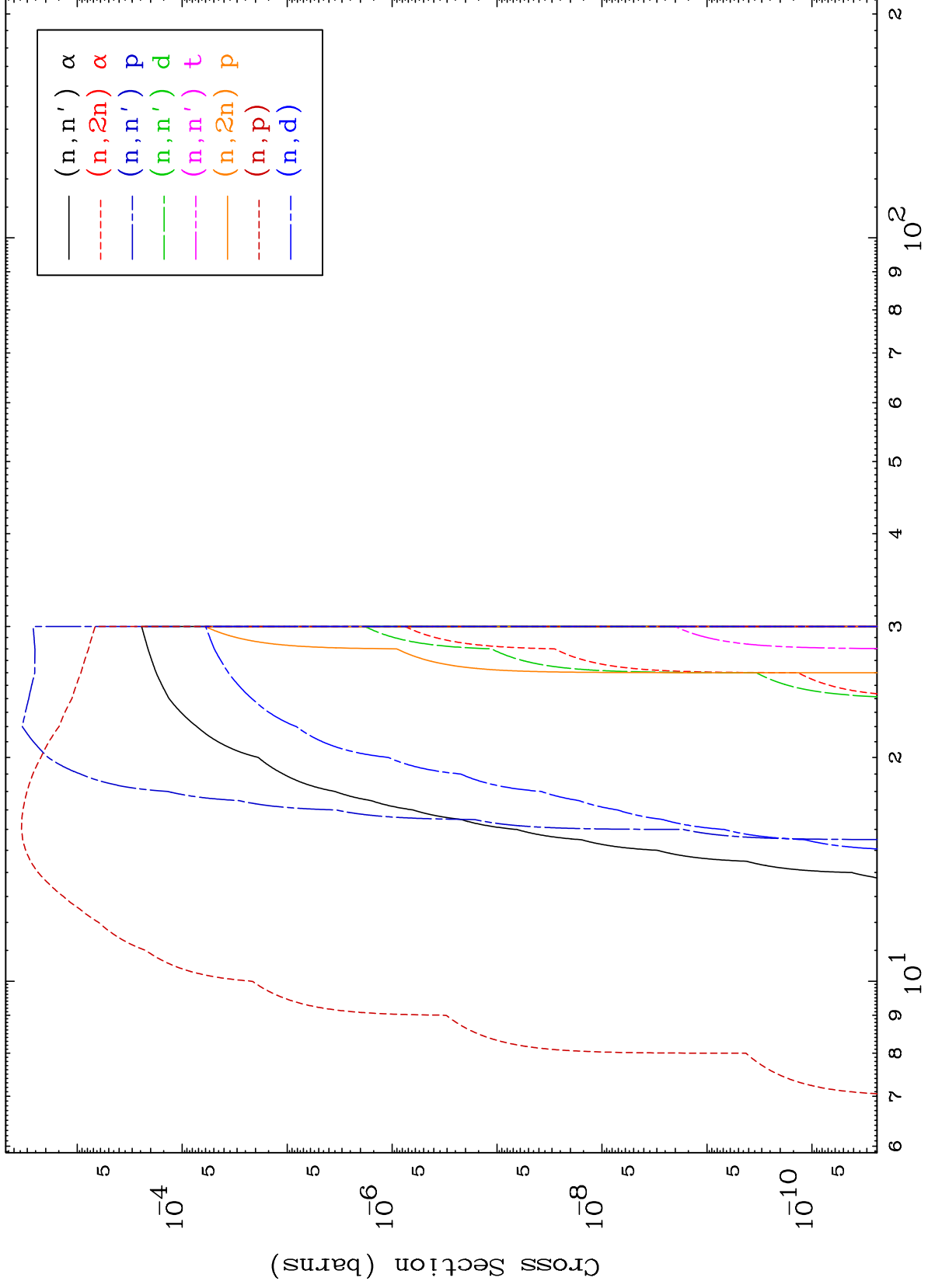


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Photon Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-139

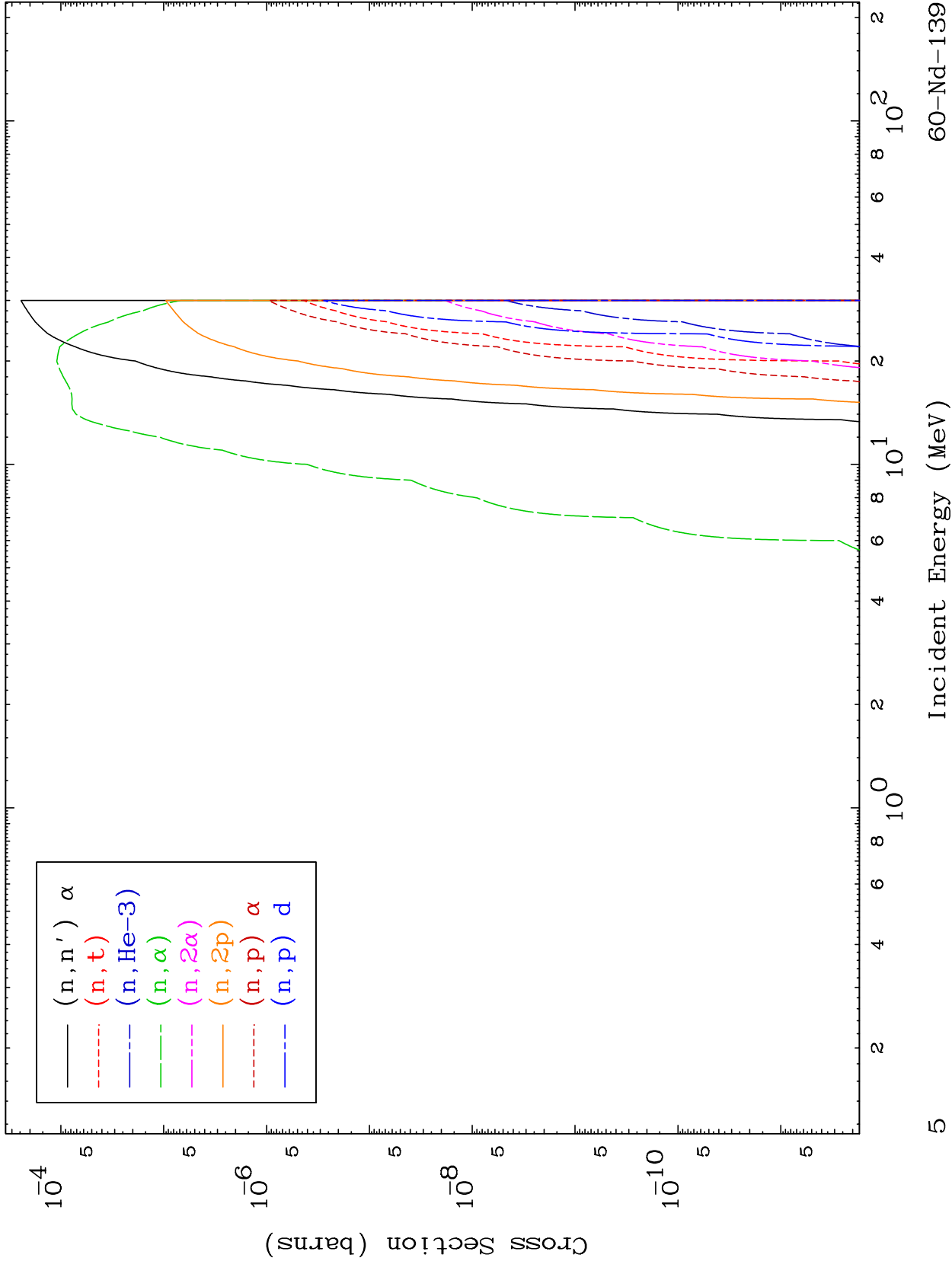




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Photon Charged Particle  
0 Kelvin Cross Sections

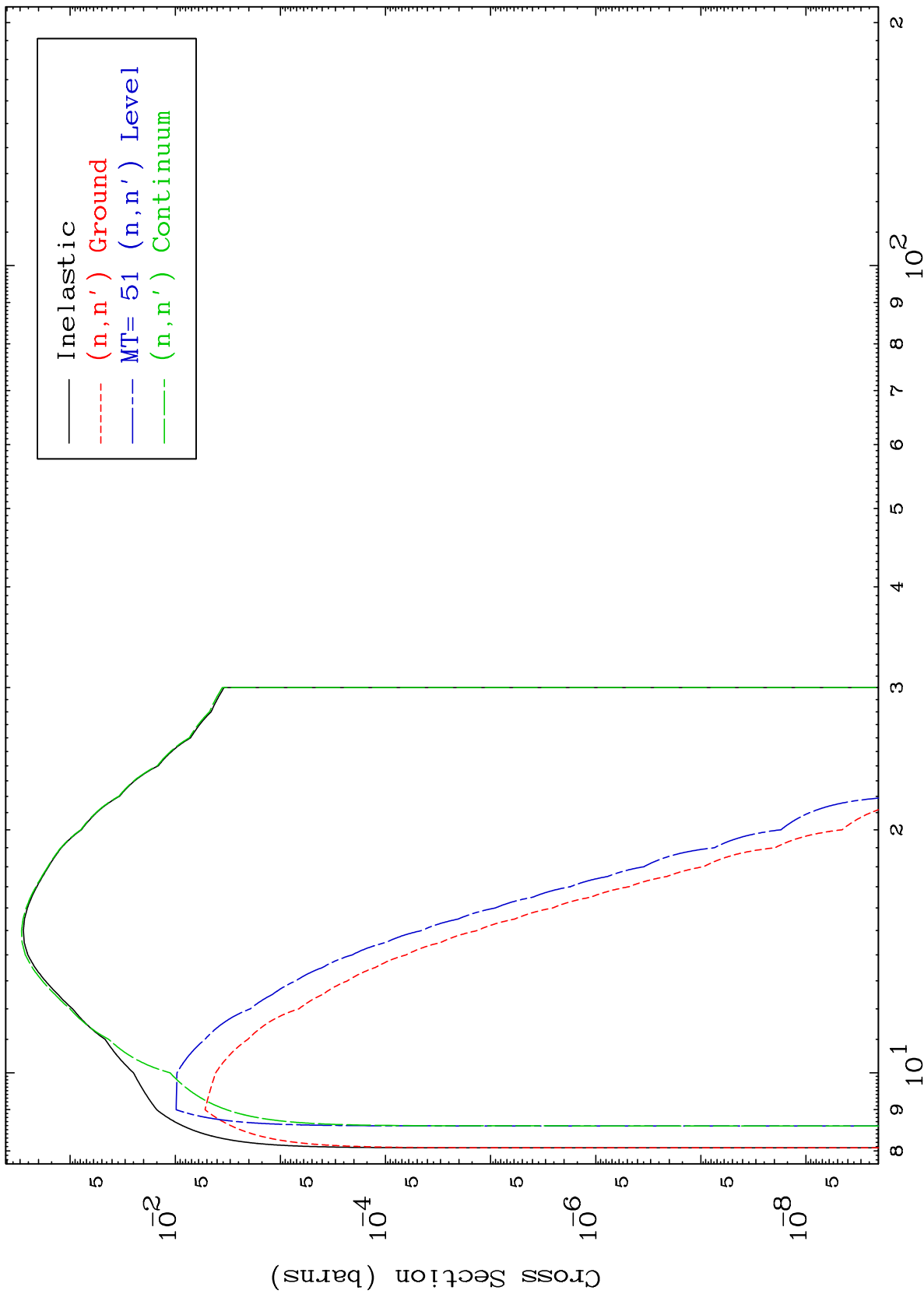
60-Nd-139



MAT 6016

60-Nd-139

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



60-Nd-139

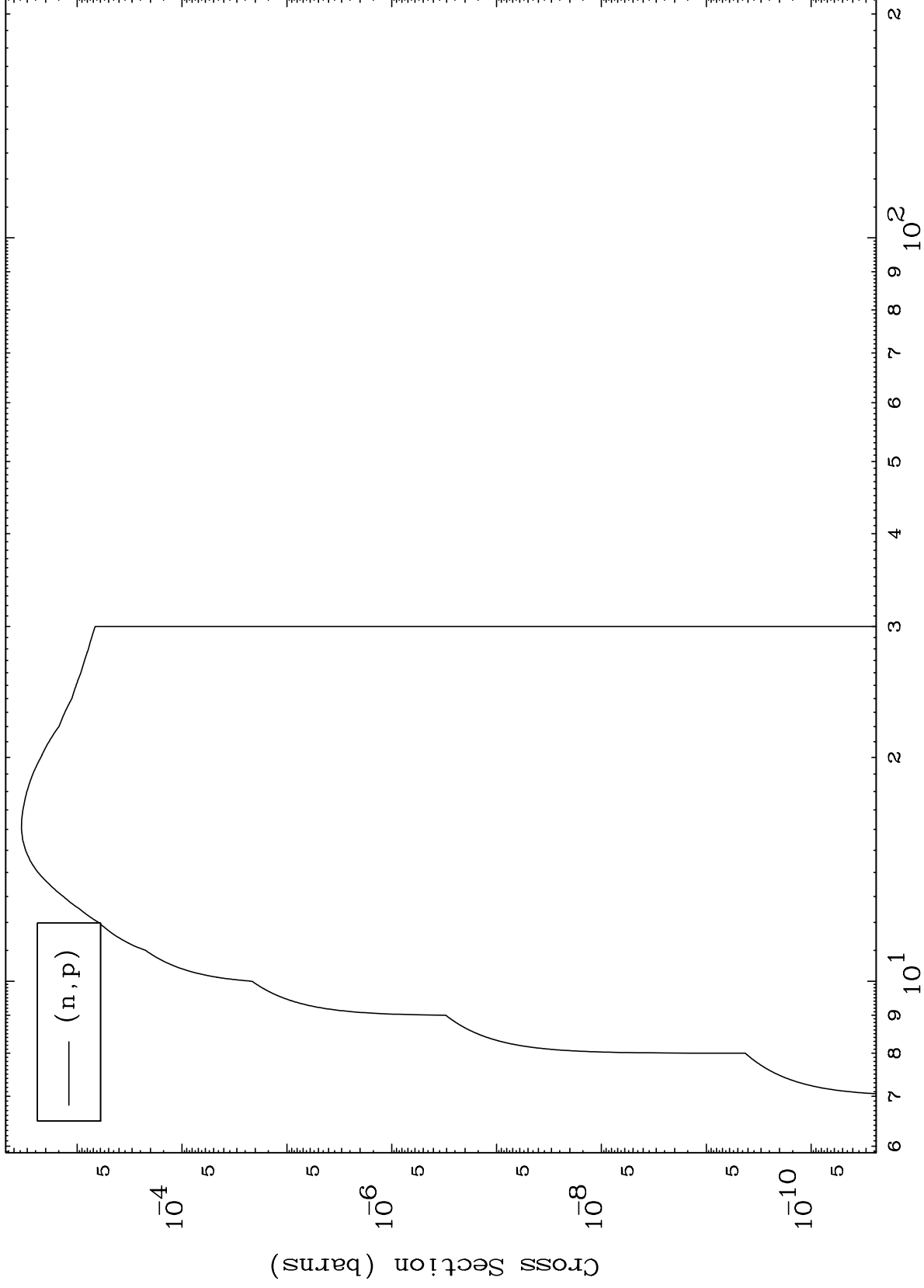
Incident Energy (MeV)

6

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

60-Nd-139



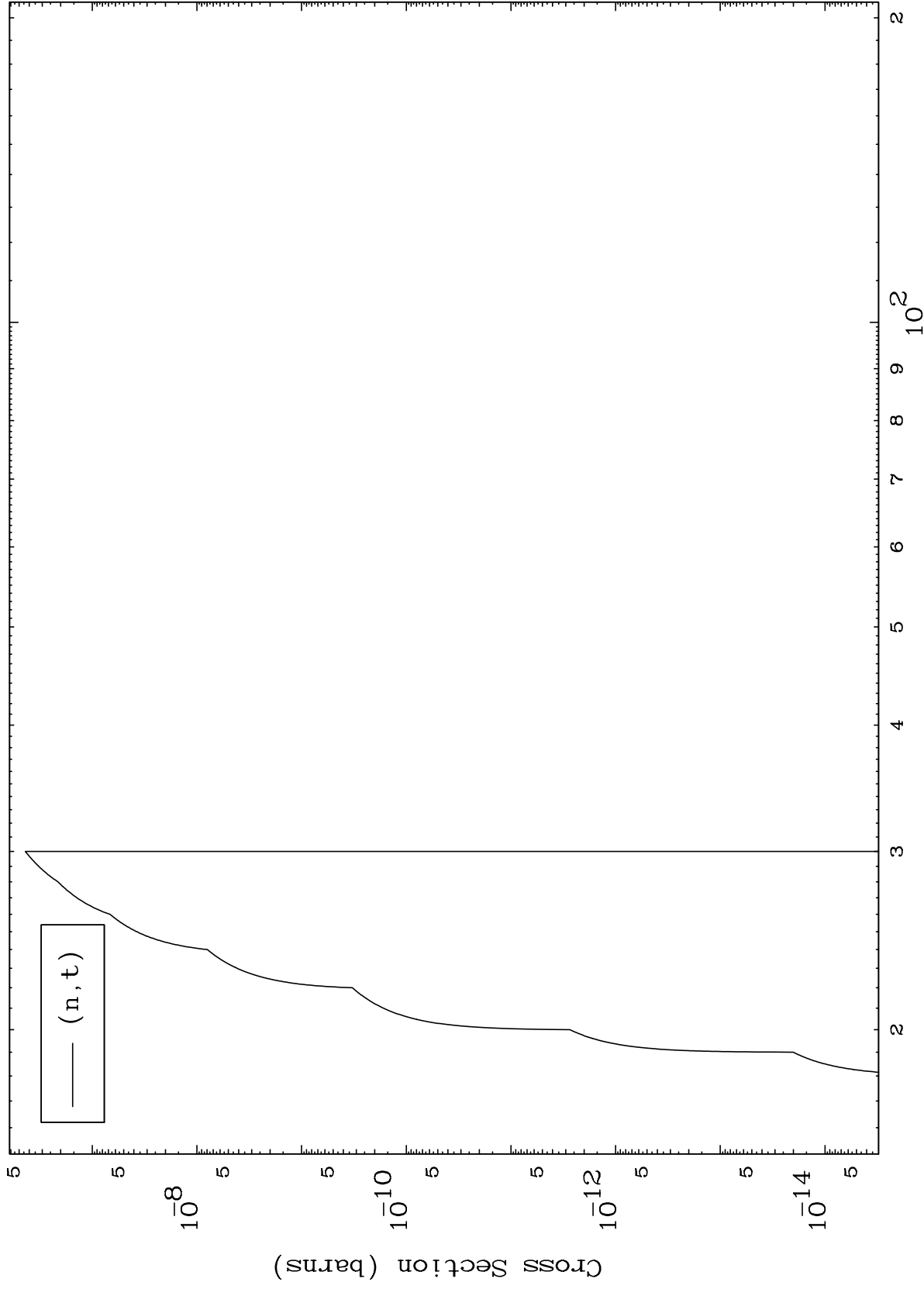
7

Incident Energy (MeV)

60-Nd-139



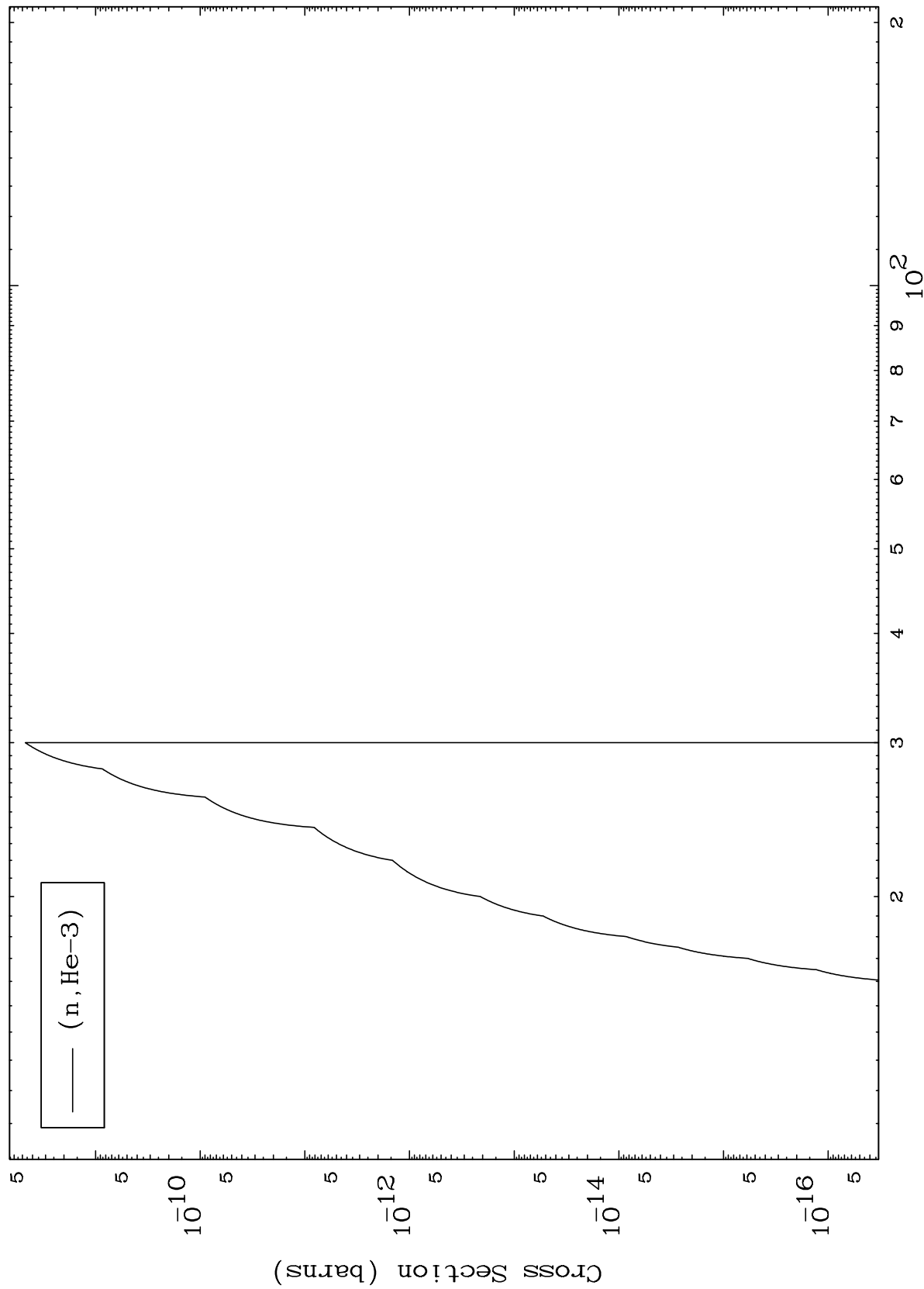




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60-Nd-139

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



60-Nd-139

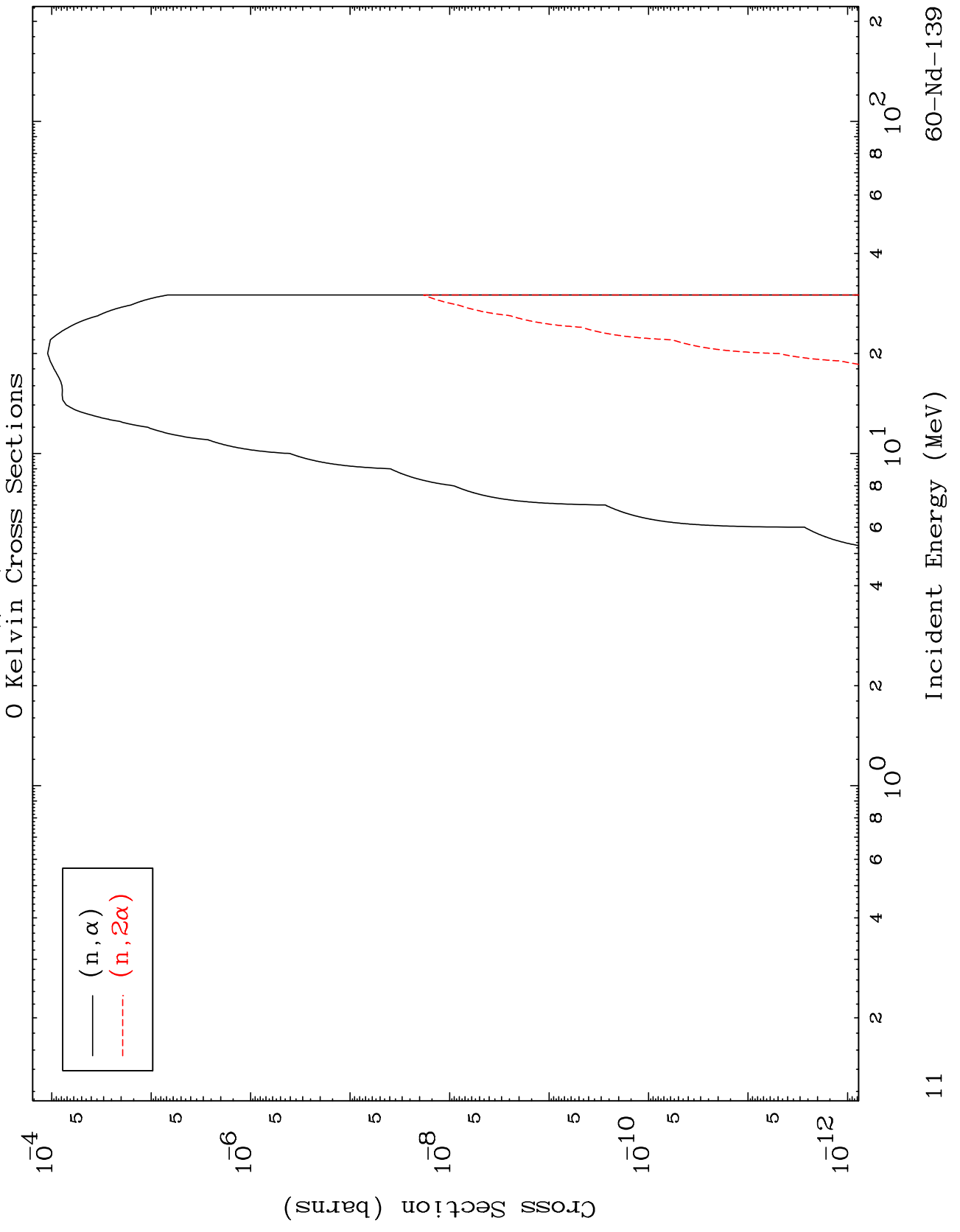
Incident Energy (MeV)

10

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( $\gamma, \alpha$ ) Levels

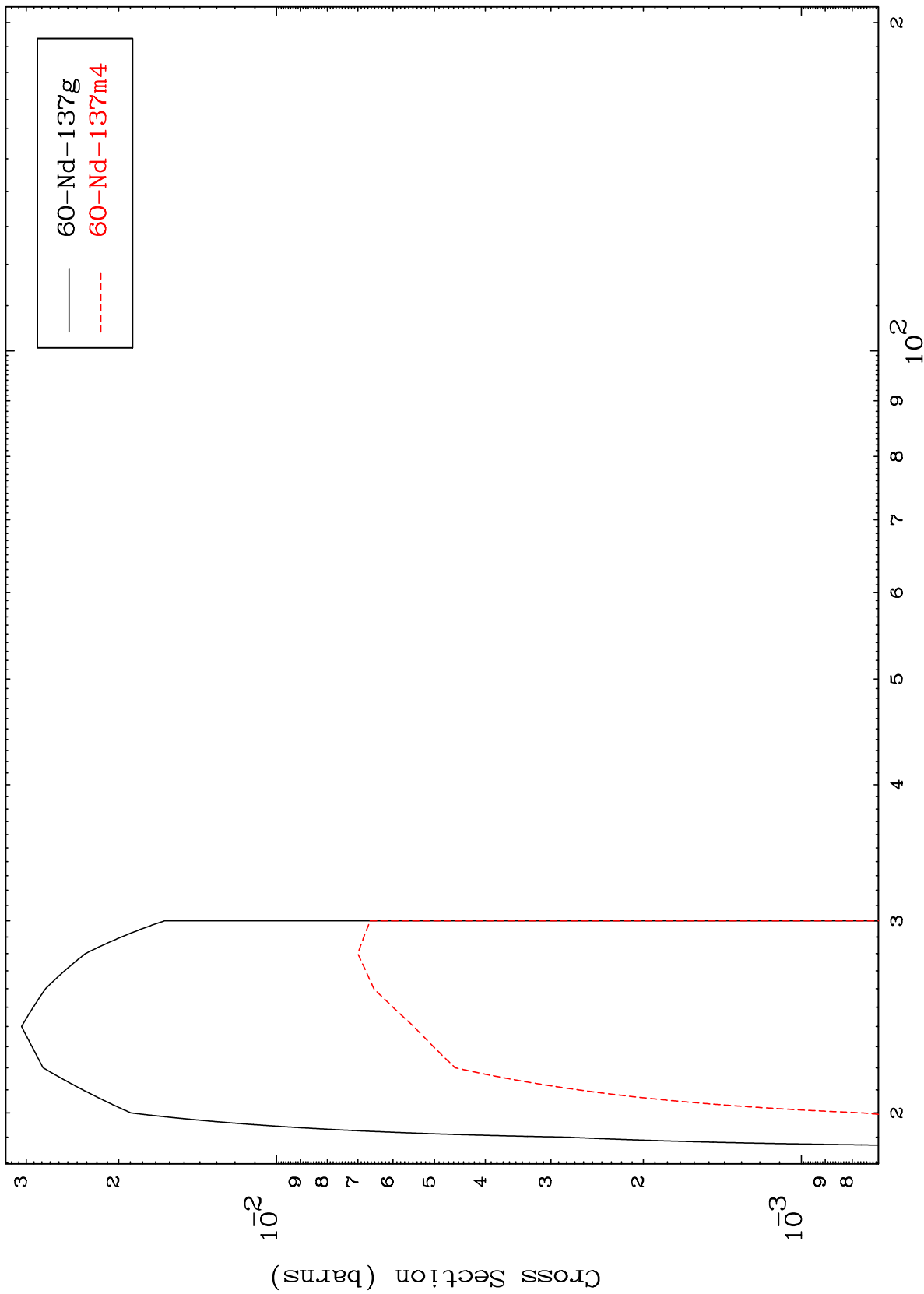
60-Nd-139



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60-Nd-139

(n,2n)  
Radionuclide Production Cross Section



12

60-Nd-139

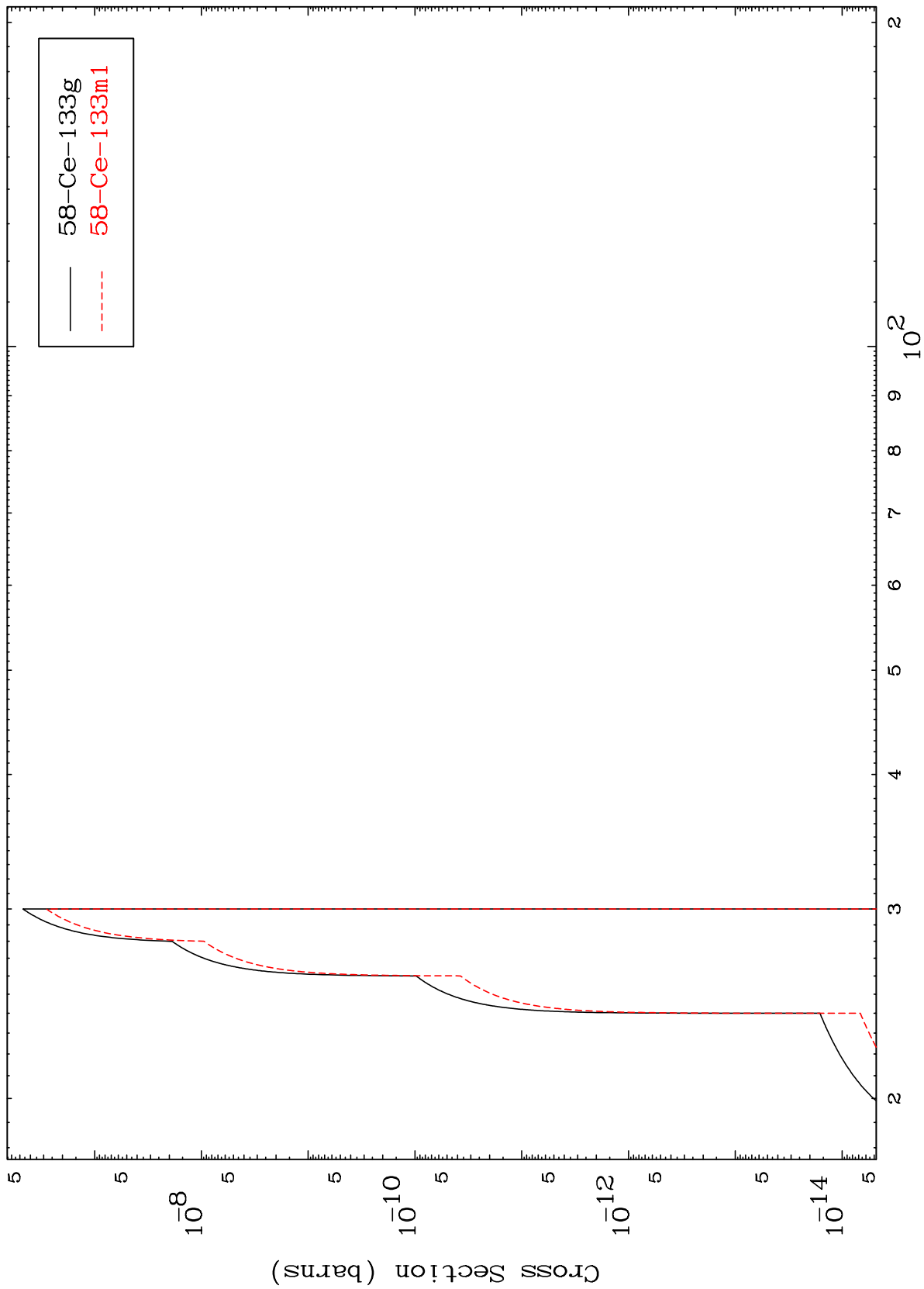
Incident Energy (MeV)

MAT 6016

$(n,2n) \alpha$

60-Nd-139

Radionuclide Production Cross Section



13

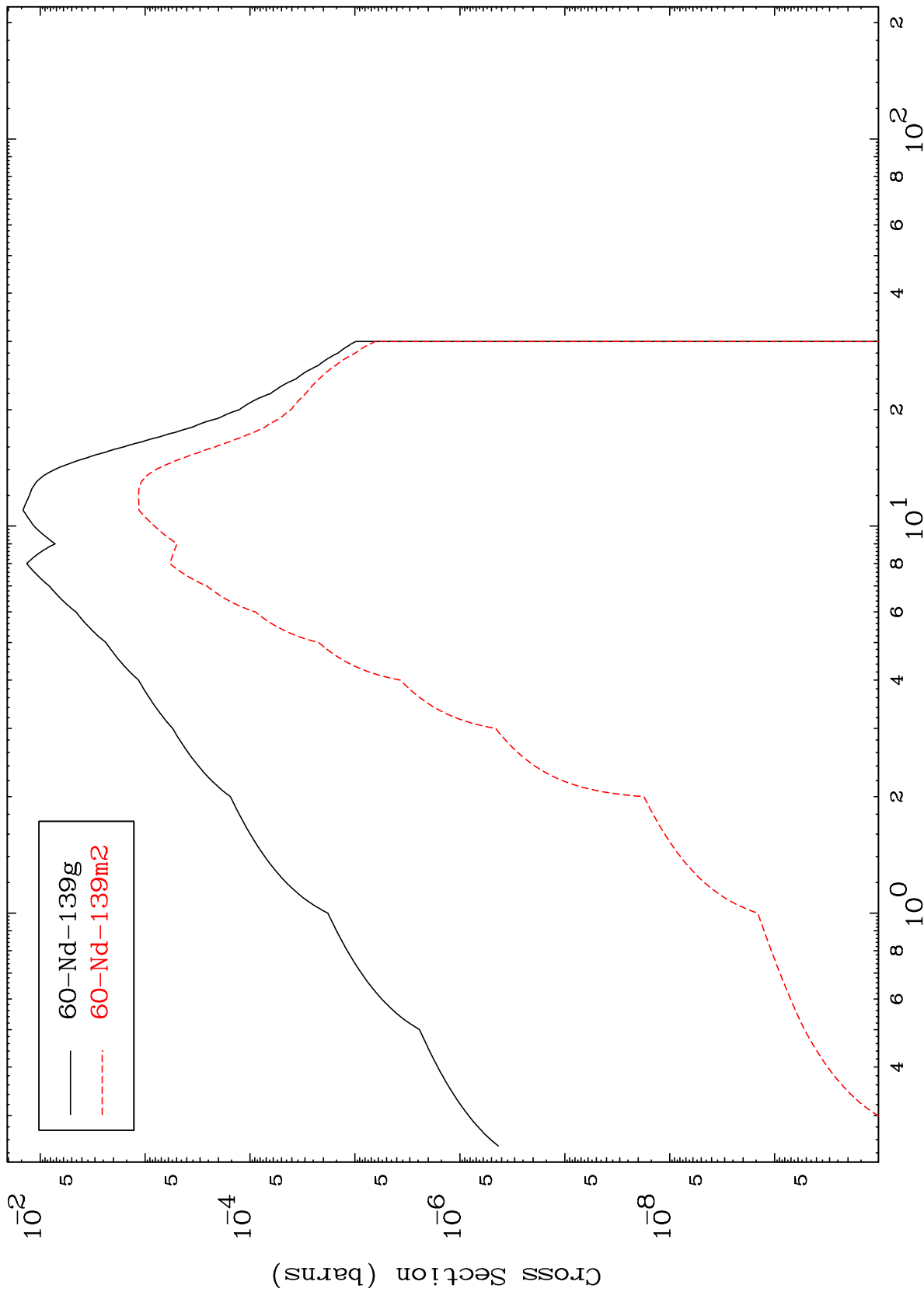
Incident Energy (MeV)

60-Nd-139

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60-Nd-139

Radionuclide Production Cross Section



Legend:  
— 60-Nd-139g  
- - - 60-Nd-139m2

Incident Energy (MeV)

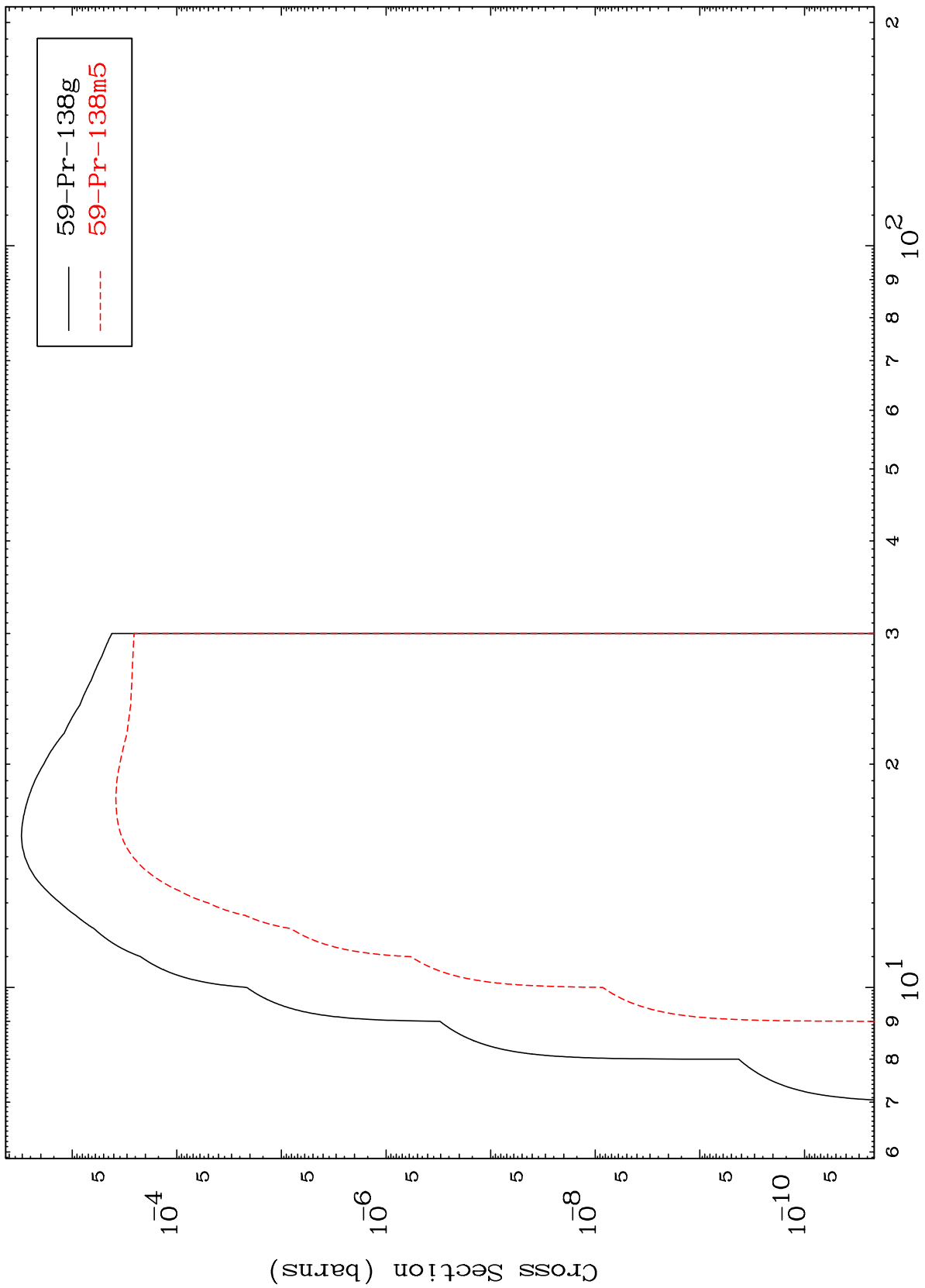
60-Nd-139

14

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60-Nd-139

(n,p)  
Radionuclide Production Cross Section

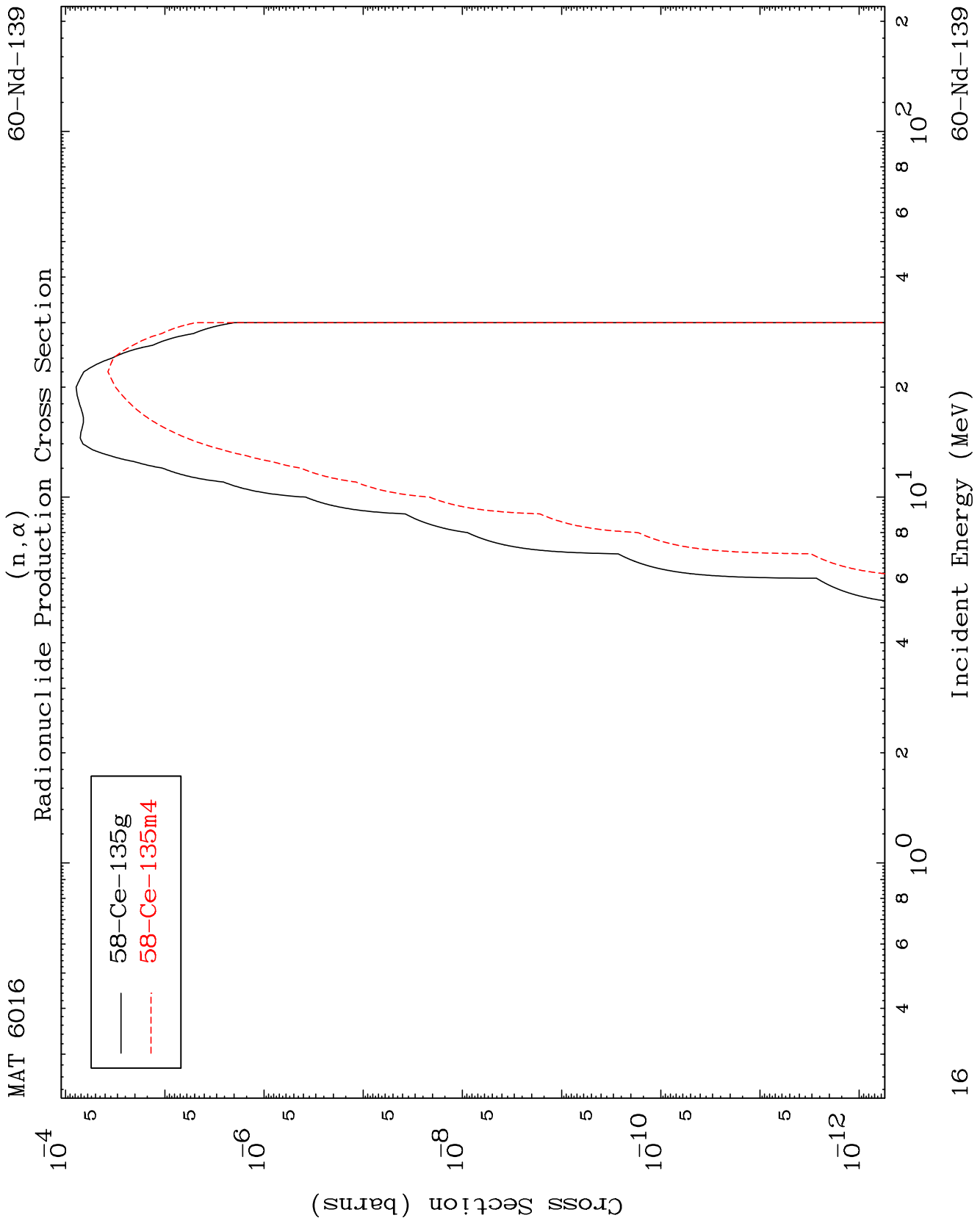


15

Incident Energy (MeV)

60-Nd-139



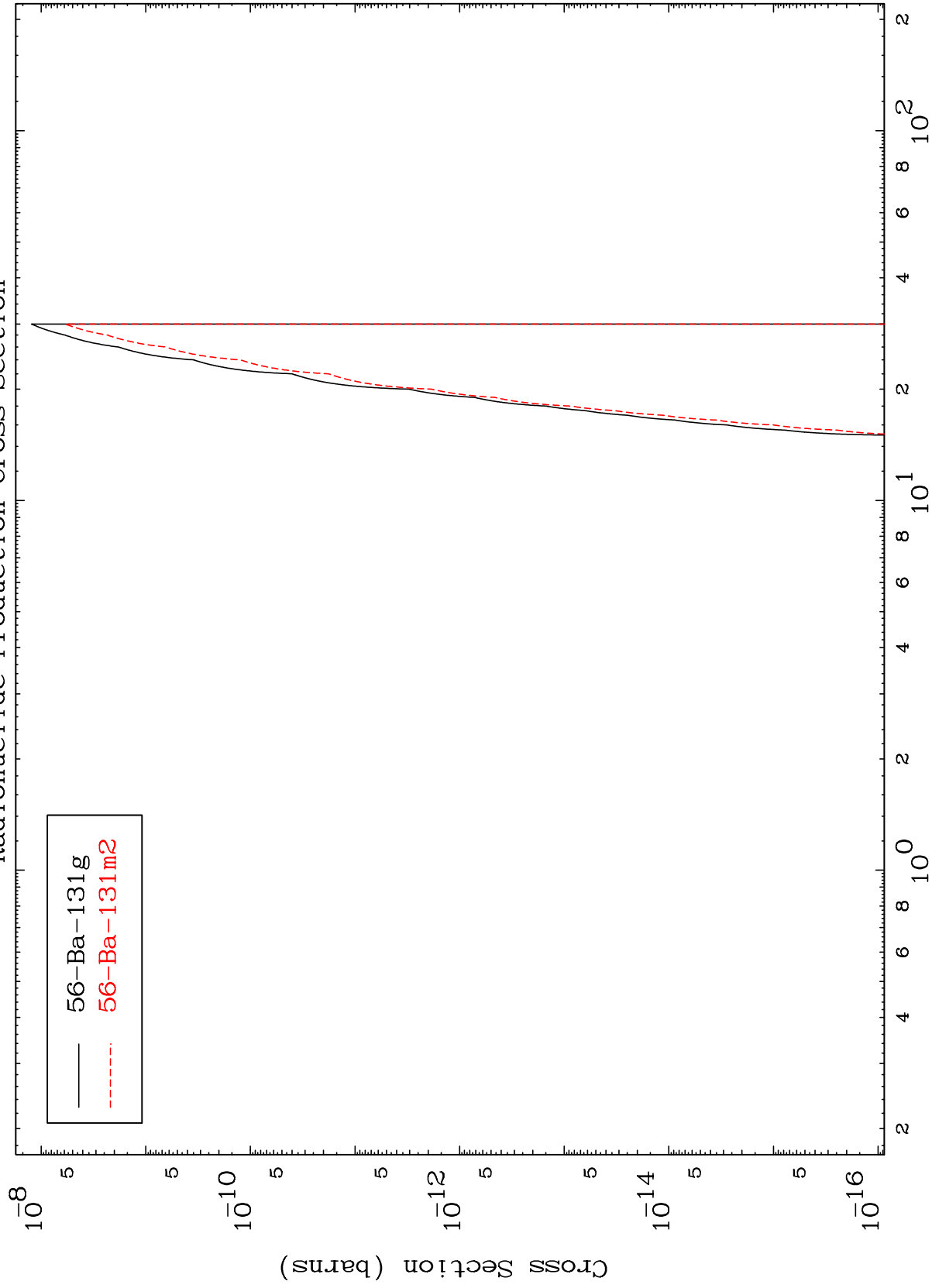


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(n,2α)

60-Nd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

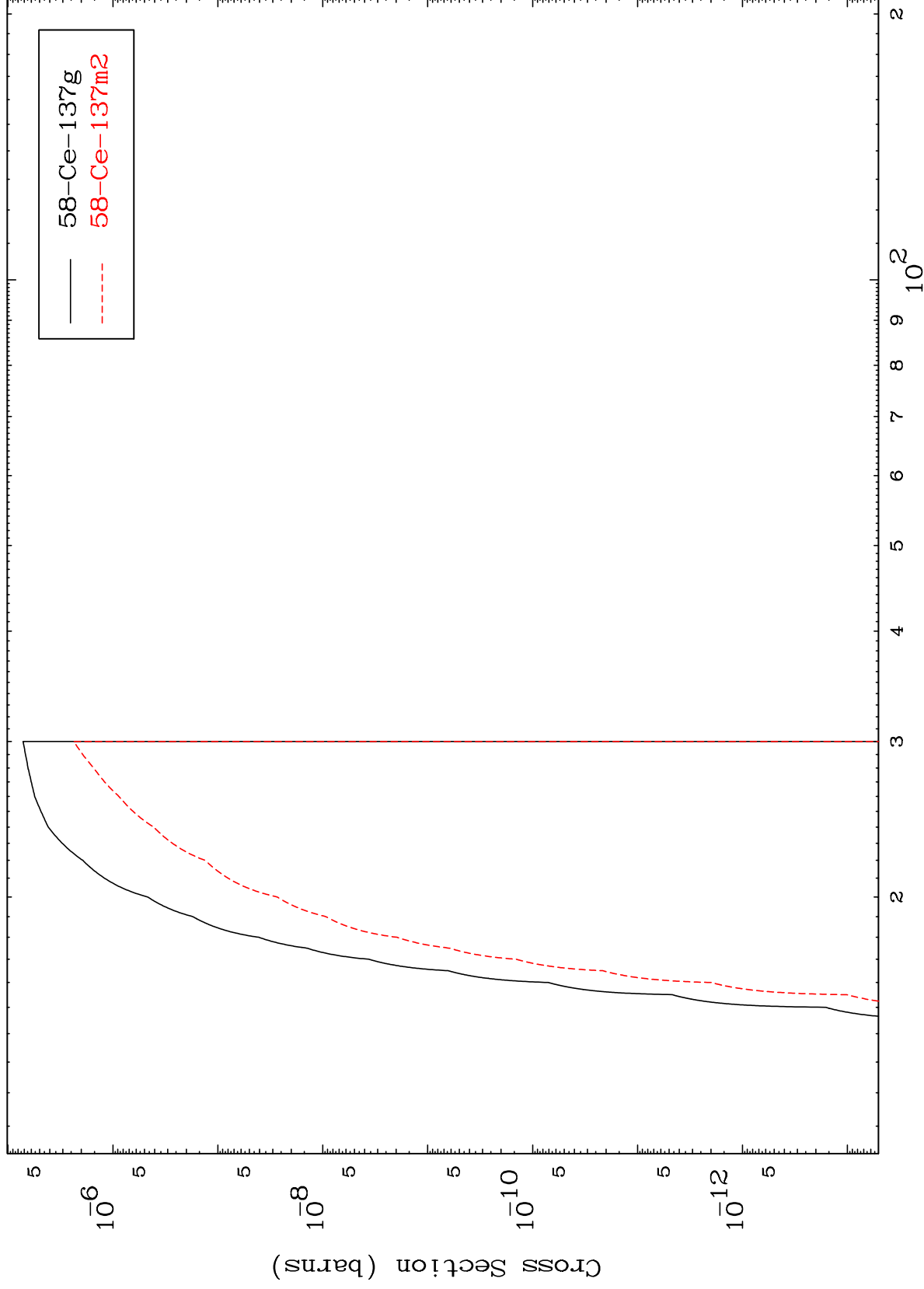
60-Nd-139

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(n,2p)

60-Nd-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

60-Nd-139