

Program EVALPLOT  
(Version 2018-1)

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

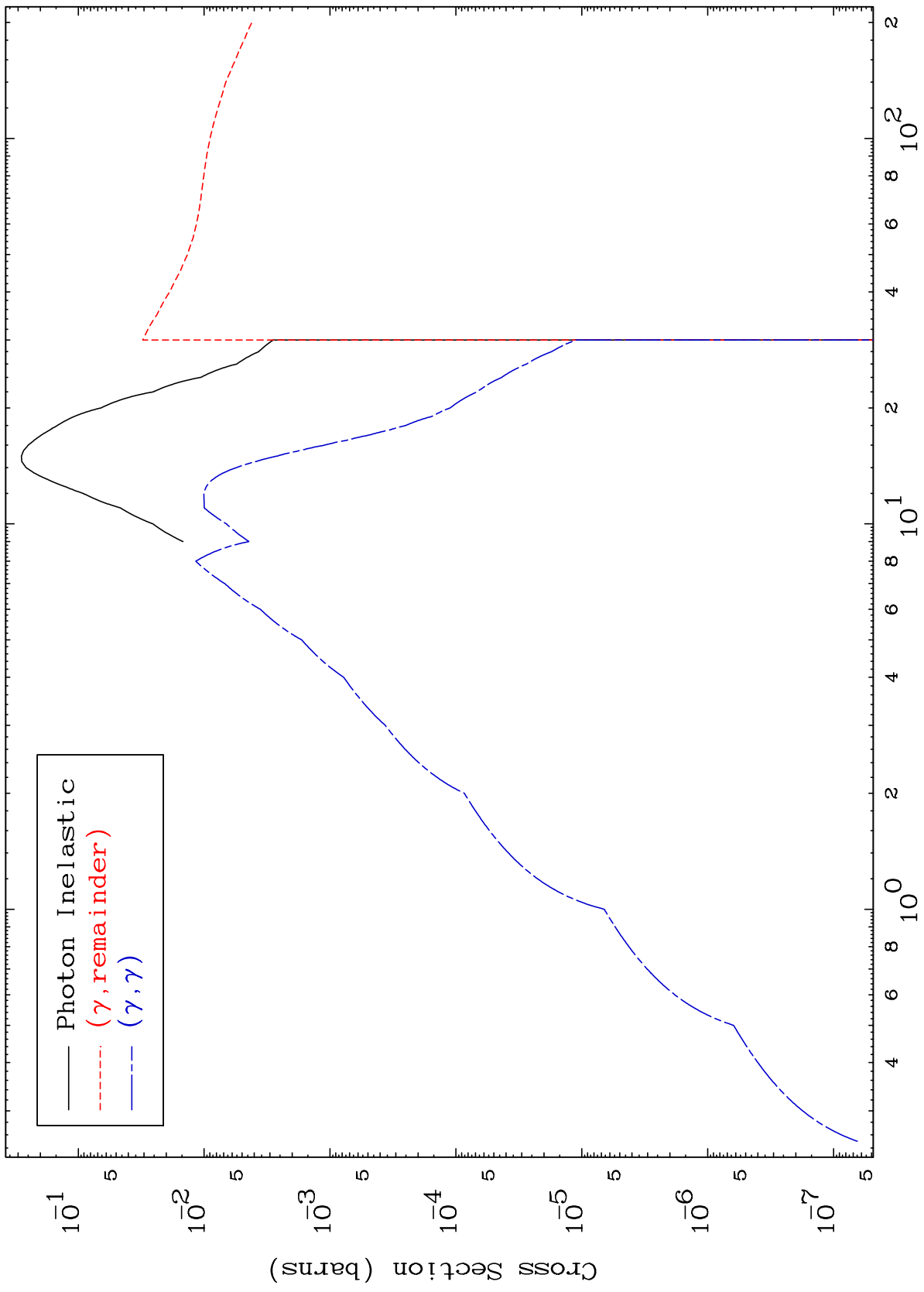
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

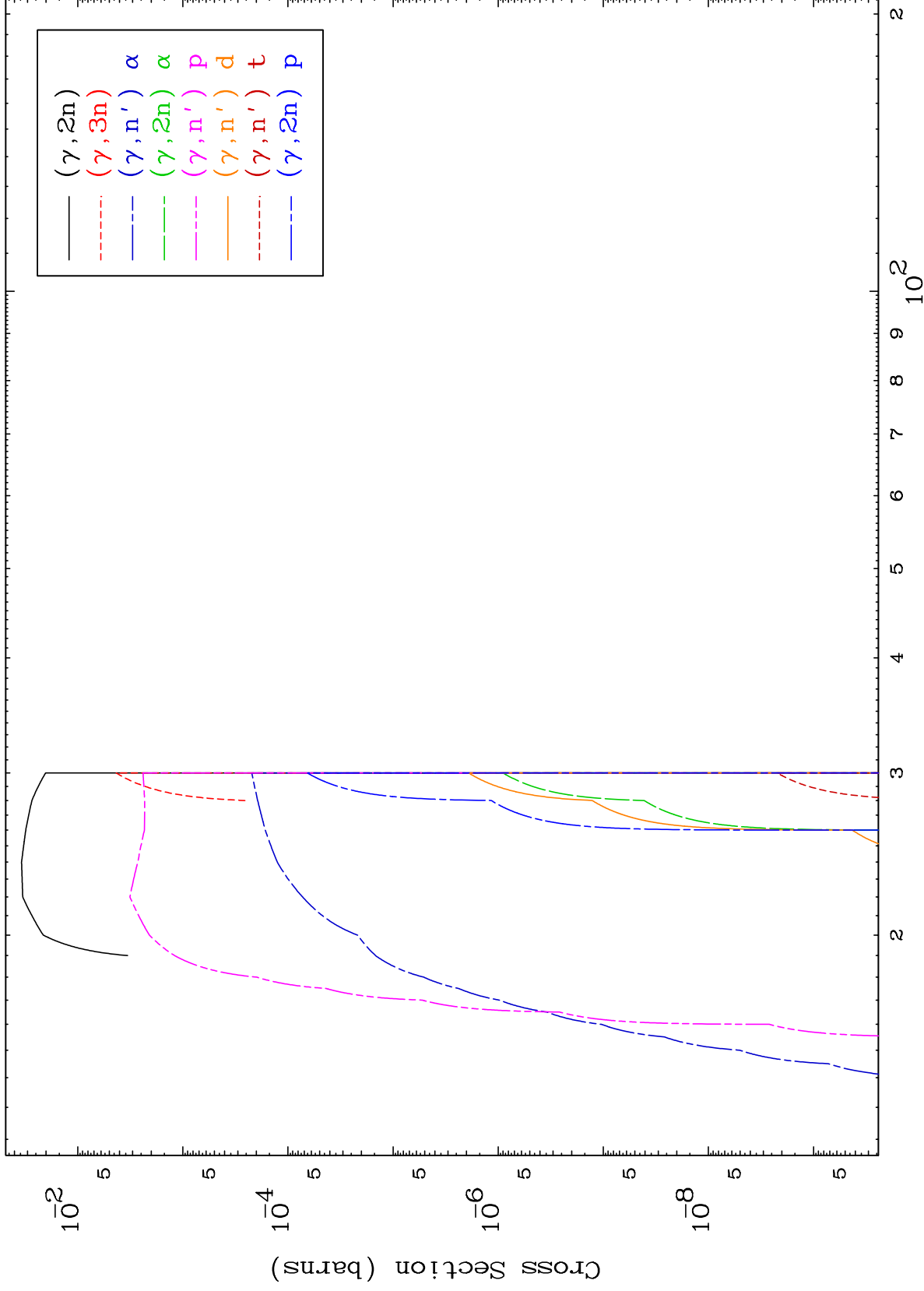
MAT 6016

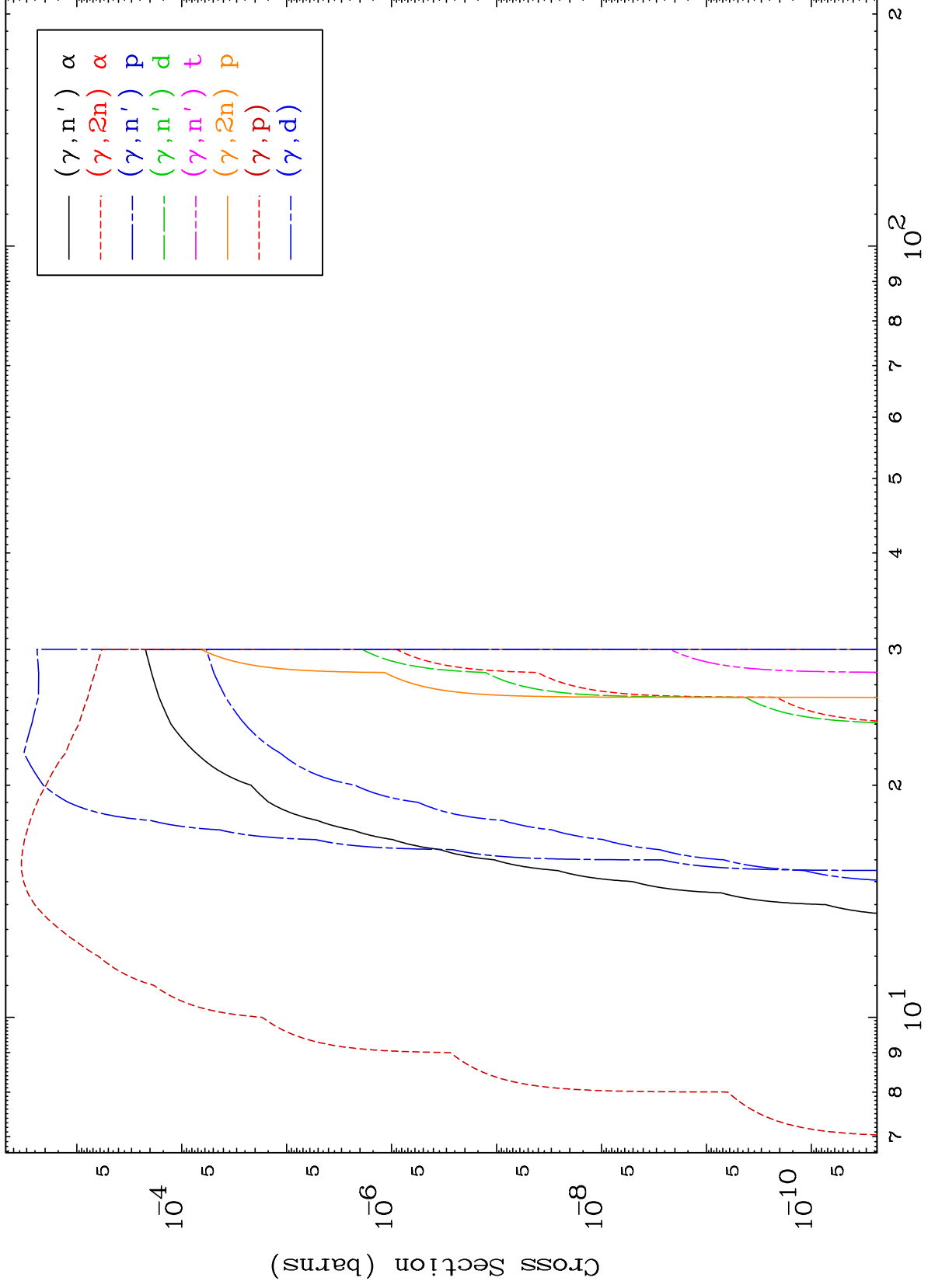
Photon Major  
0 Kelvin Cross Sections

60-Nd-139



Legend:  
— Photon Inelastic  
- - - ( $\gamma$ , remainder)  
- . - ( $\gamma$ ,  $\gamma$ )

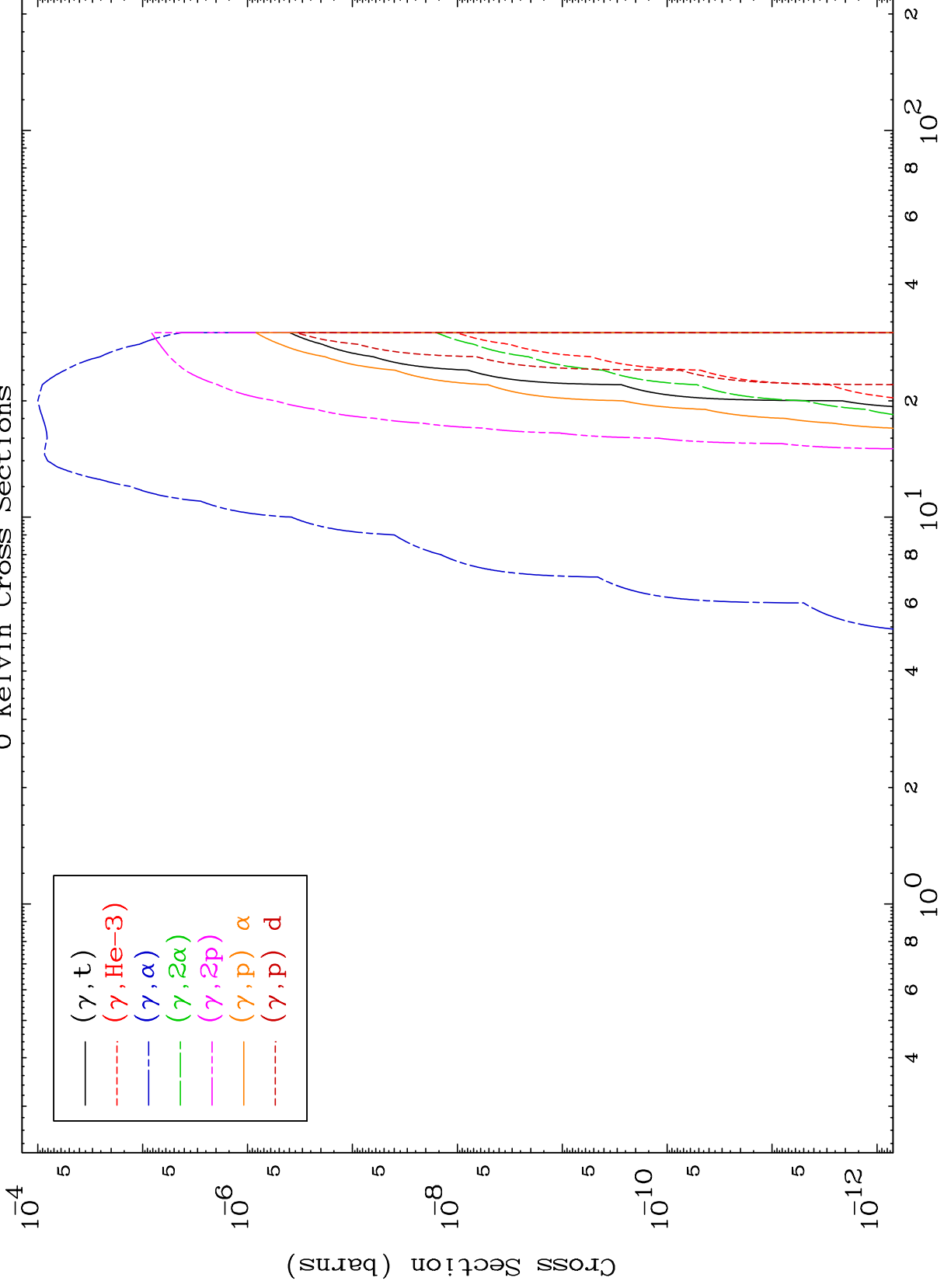




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Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-139

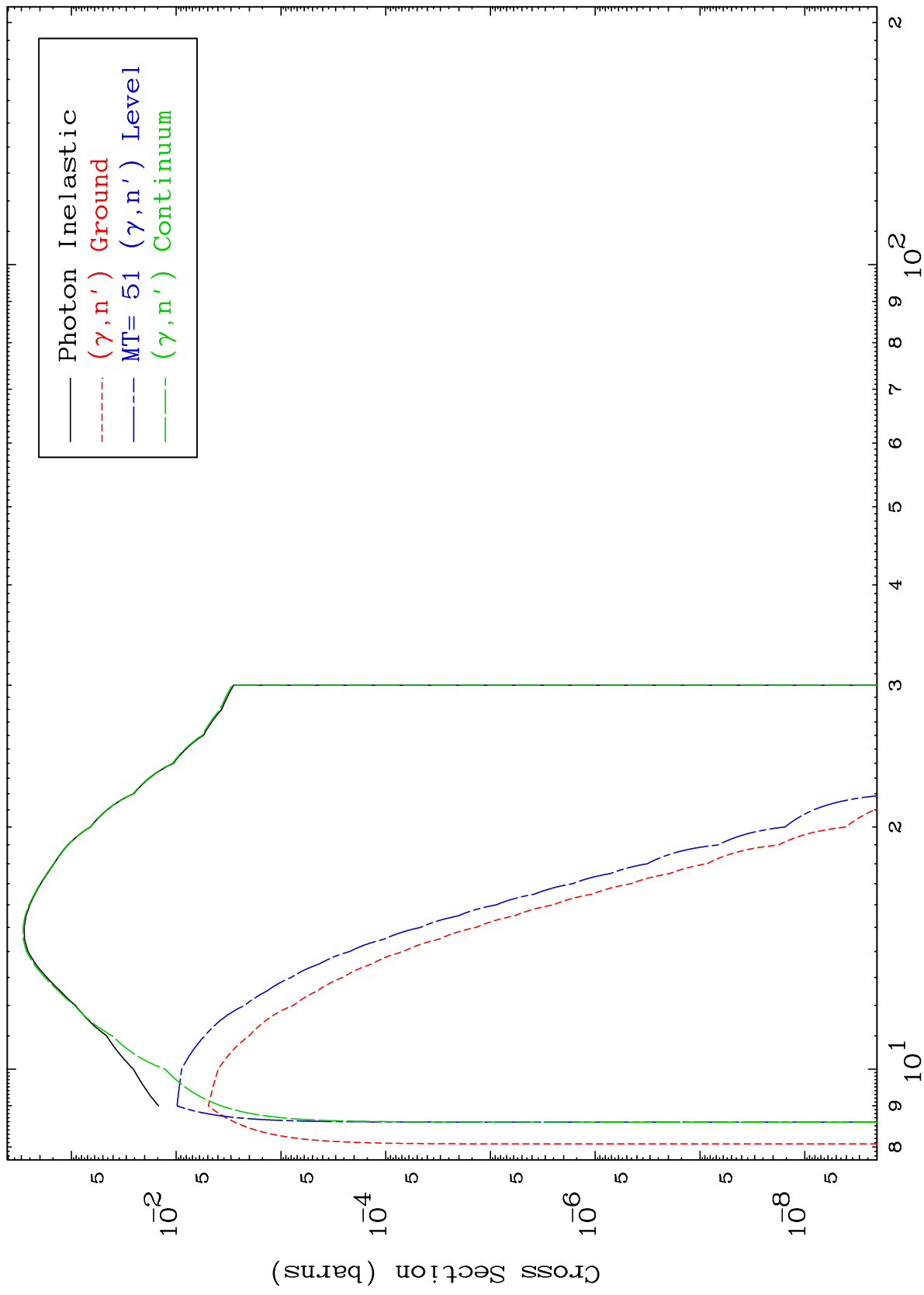


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$(\gamma, n')$  Level

60-Nd-139

0 Kelvin Cross Sections



Incident Energy (MeV)

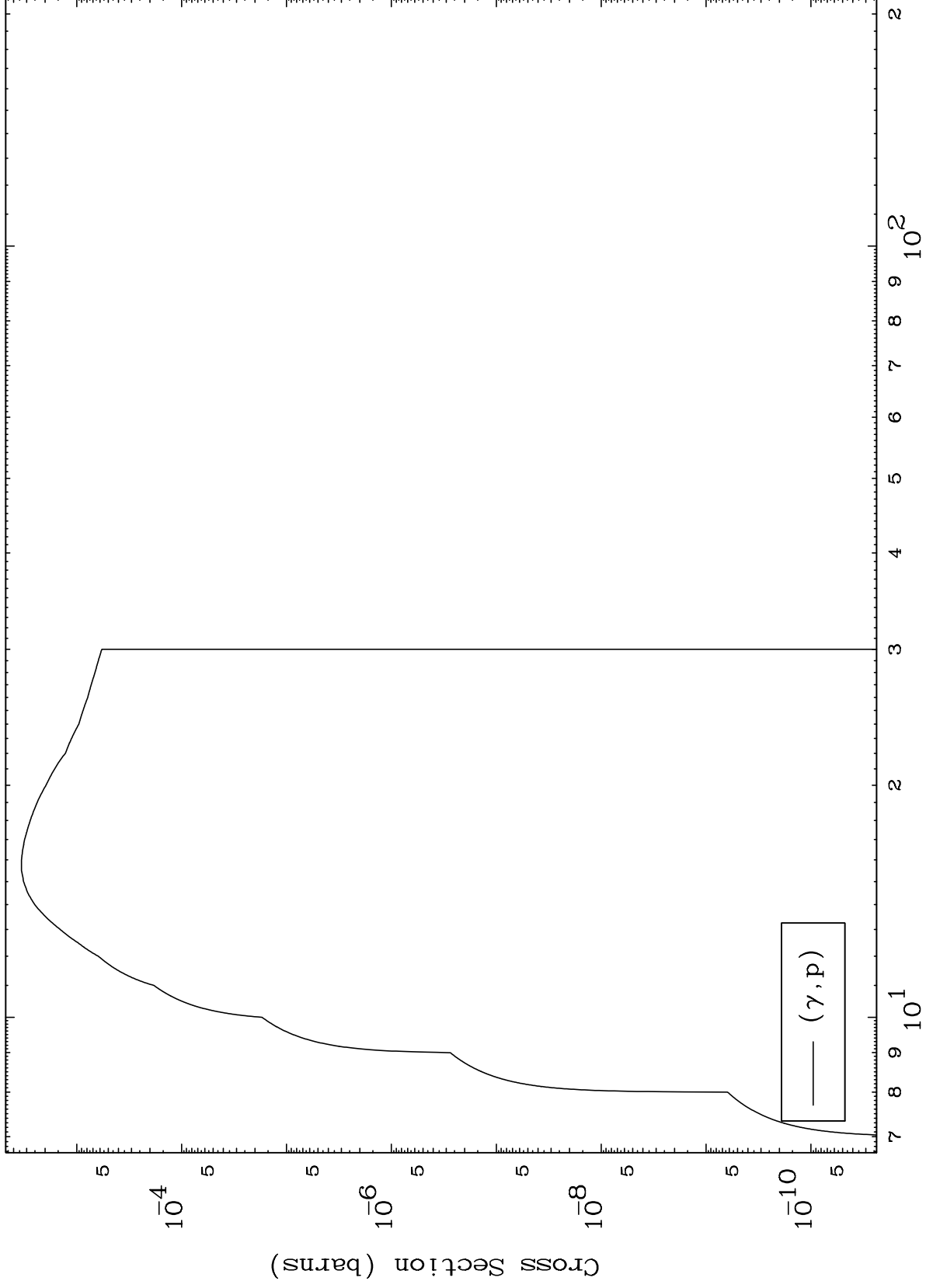
60-Nd-139

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MAT 6016

60-Nd-139

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



60-Nd-139

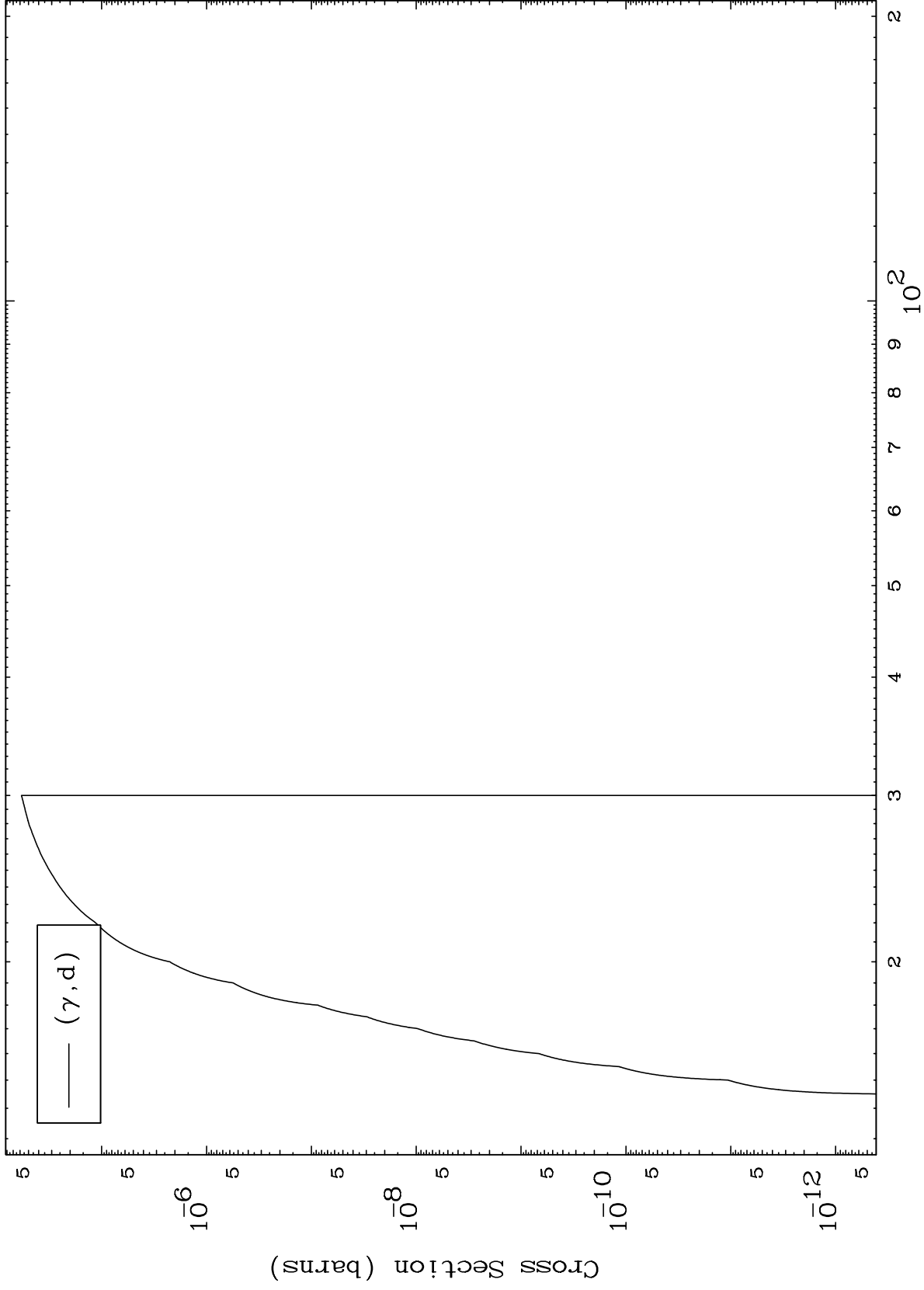
Incident Energy (MeV)

6

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

60-Nd-139



7

Incident Energy (MeV)

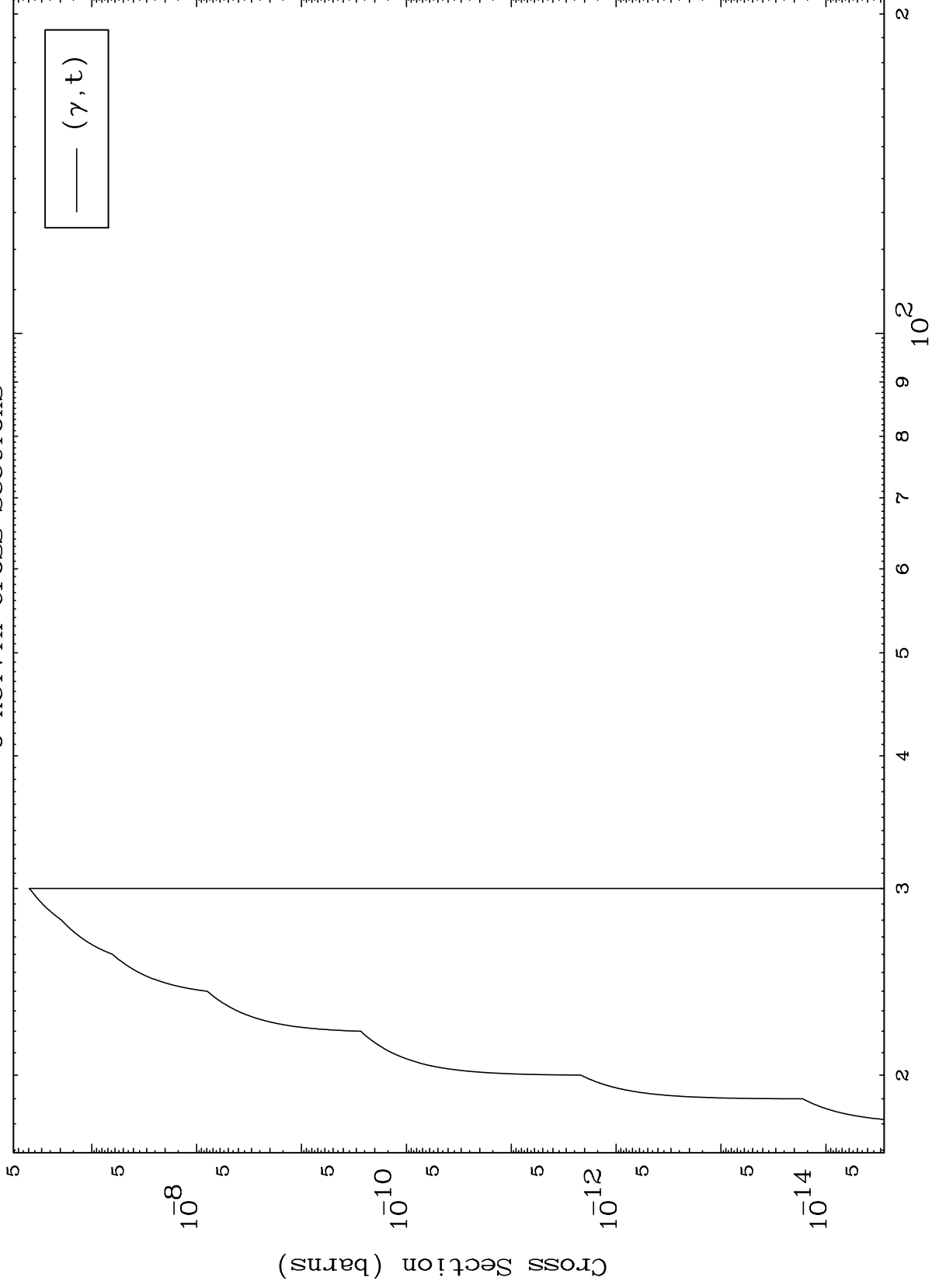
60-Nd-139



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

60-Nd-139



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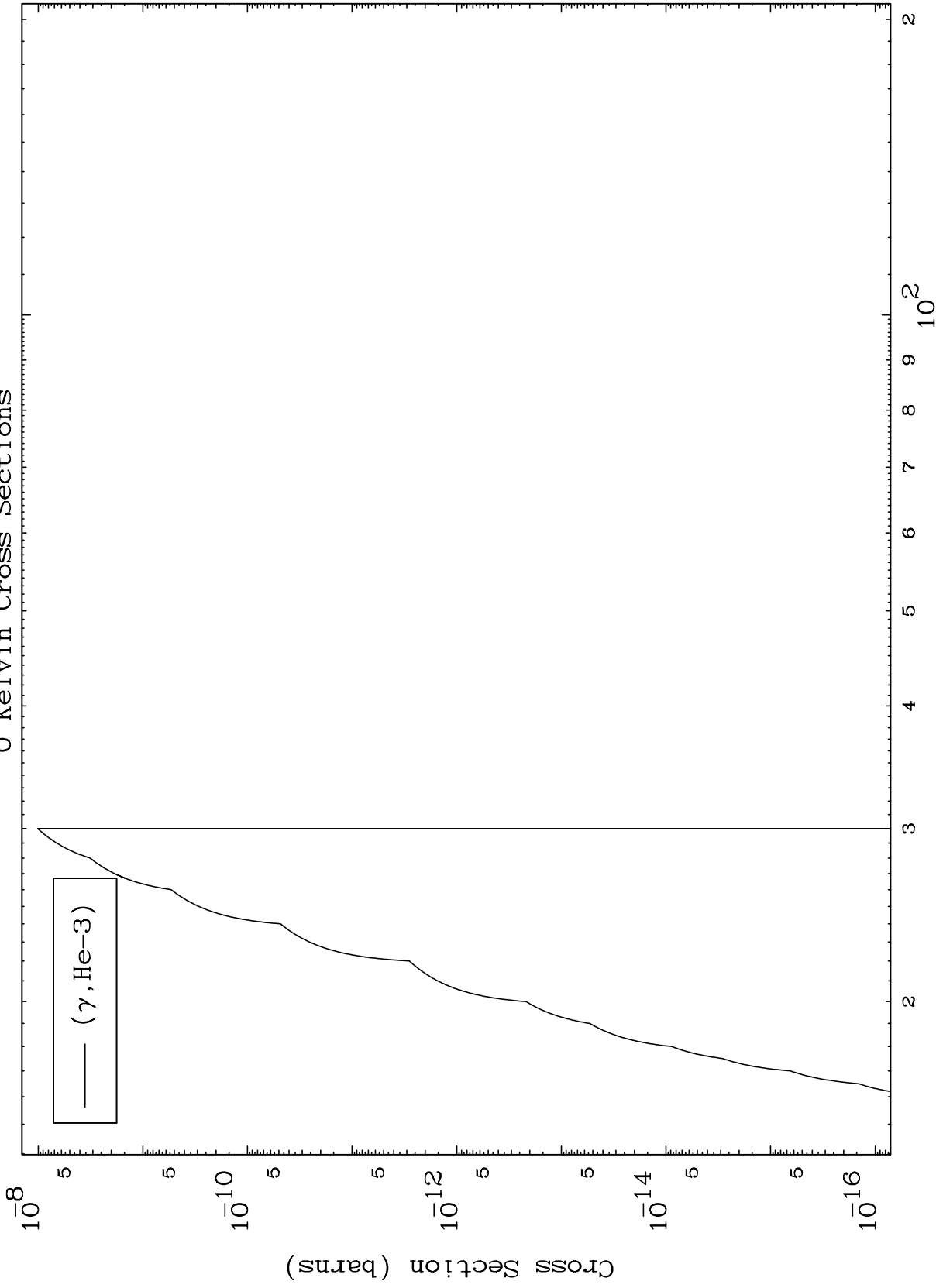
Incident Energy (MeV)

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)

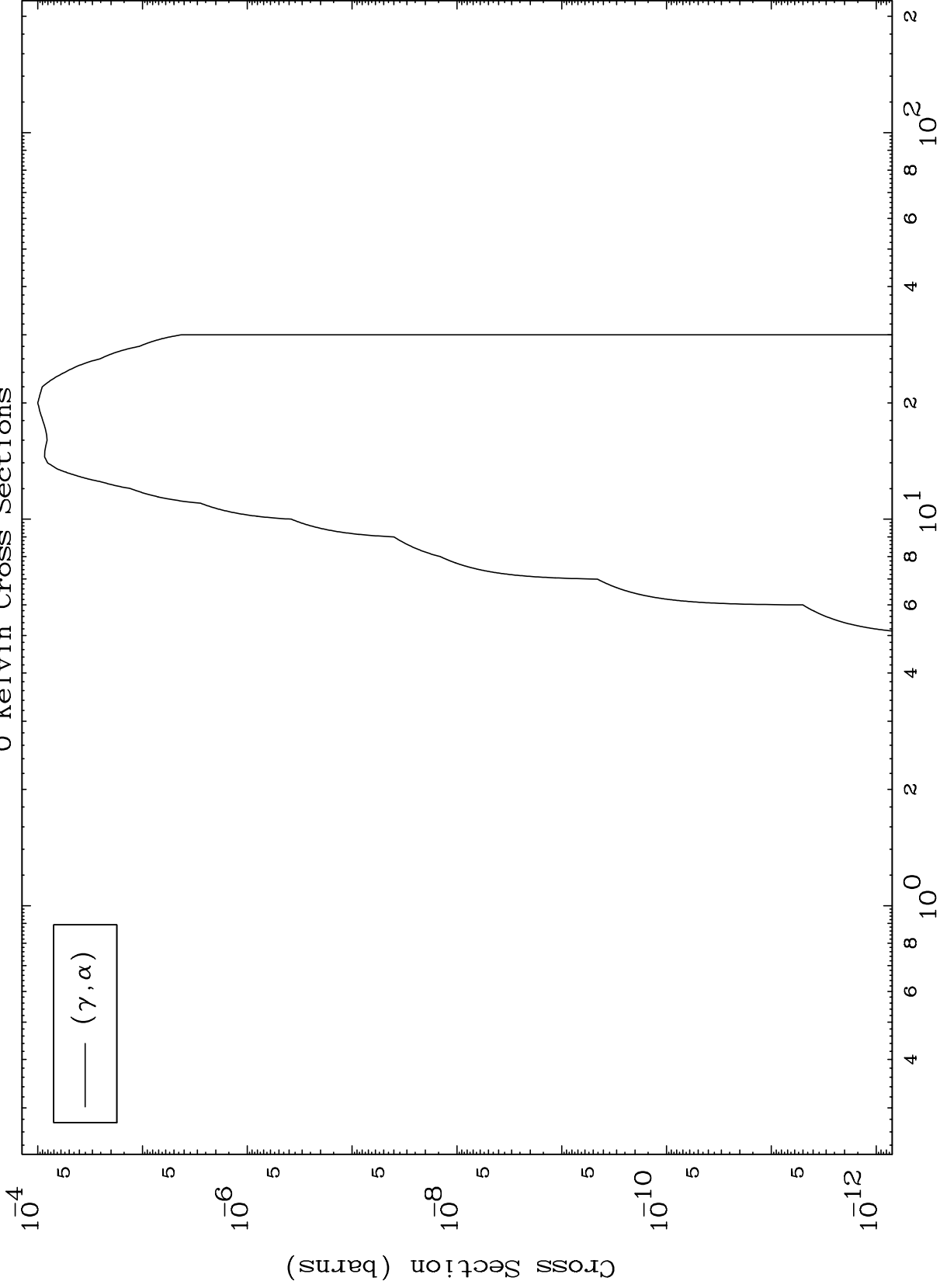
9

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( $\gamma, \alpha$ ) Levels

60-Nd-139

0 Kelvin Cross Sections



10

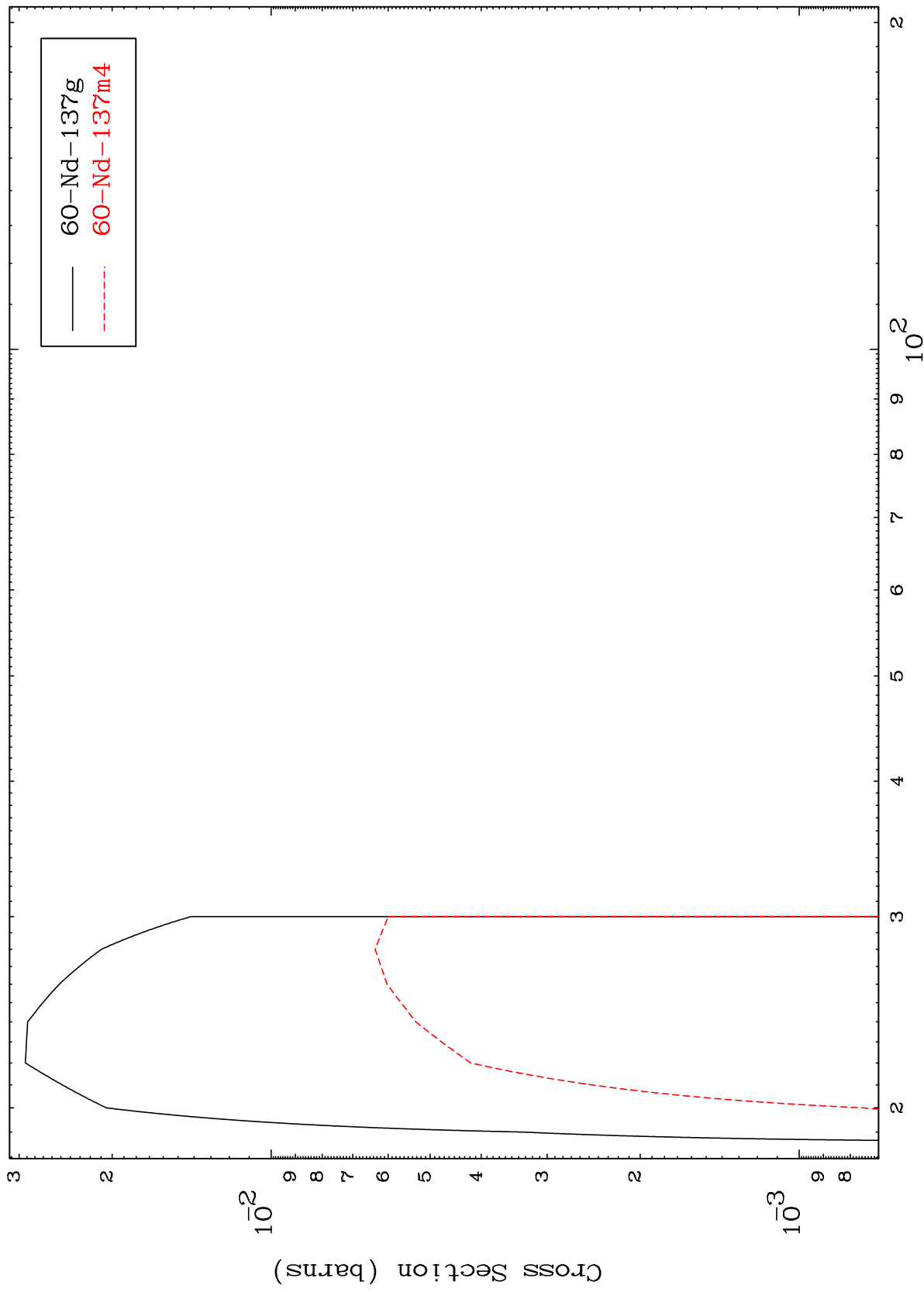
Incident Energy (MeV)

60-Nd-139

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60-Nd-139

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



11

Incident Energy (MeV)

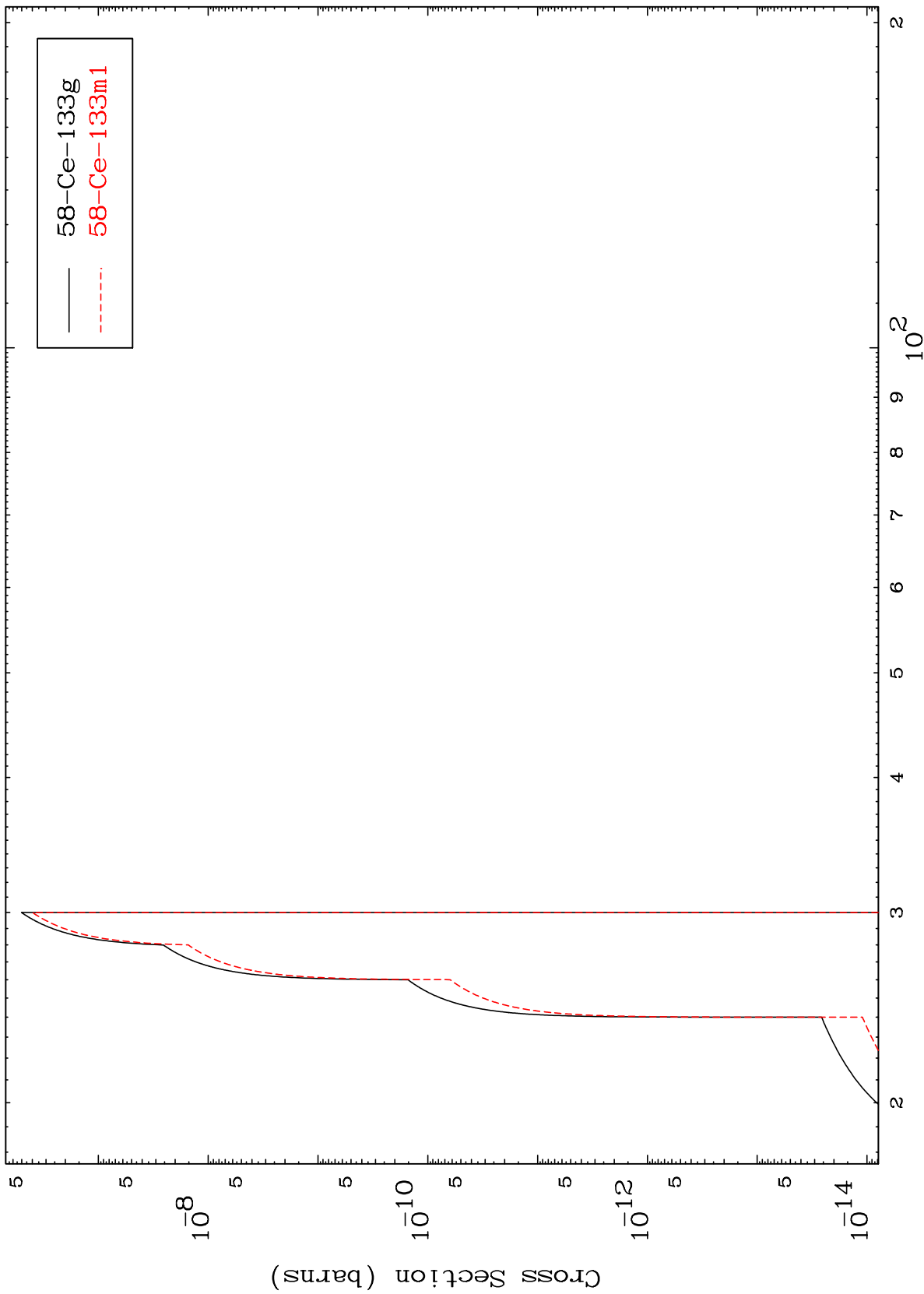
60-Nd-139

MAT 6016

$(\gamma, 2n) \alpha$

60-Nd-139

Radionuclide Production Cross Section



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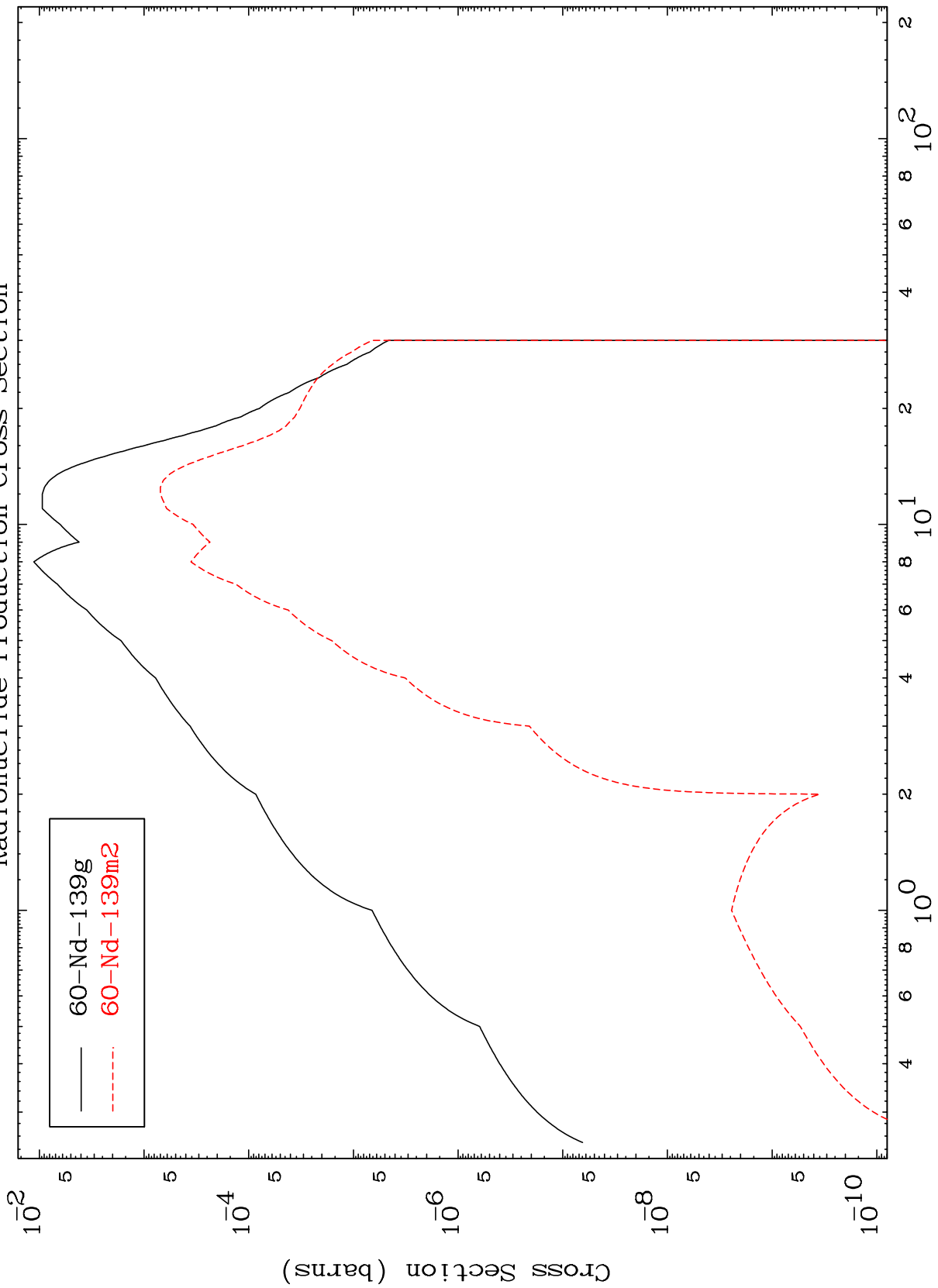
Incident Energy (MeV)

60-Nd-139

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60-Nd-139

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



13

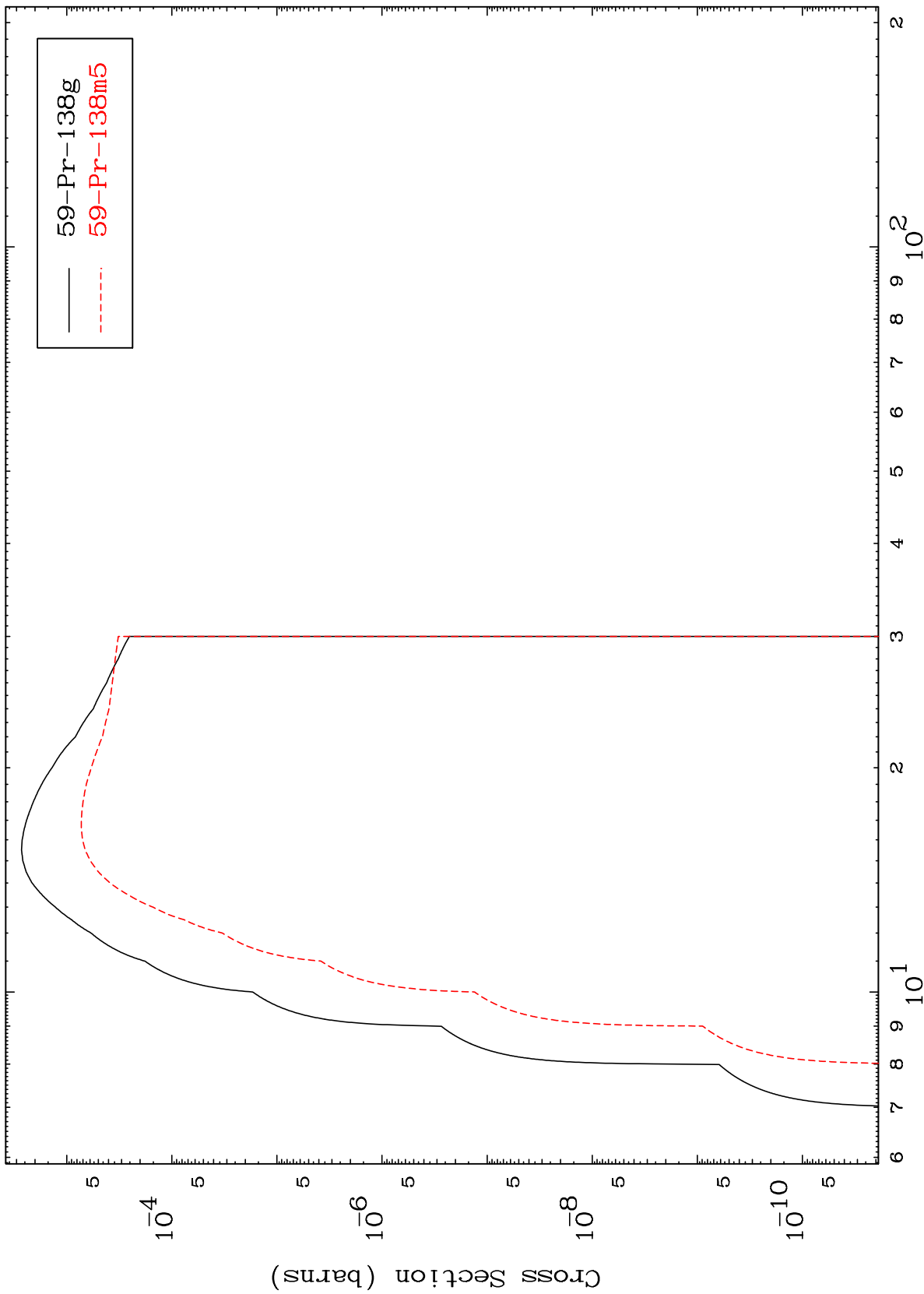
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

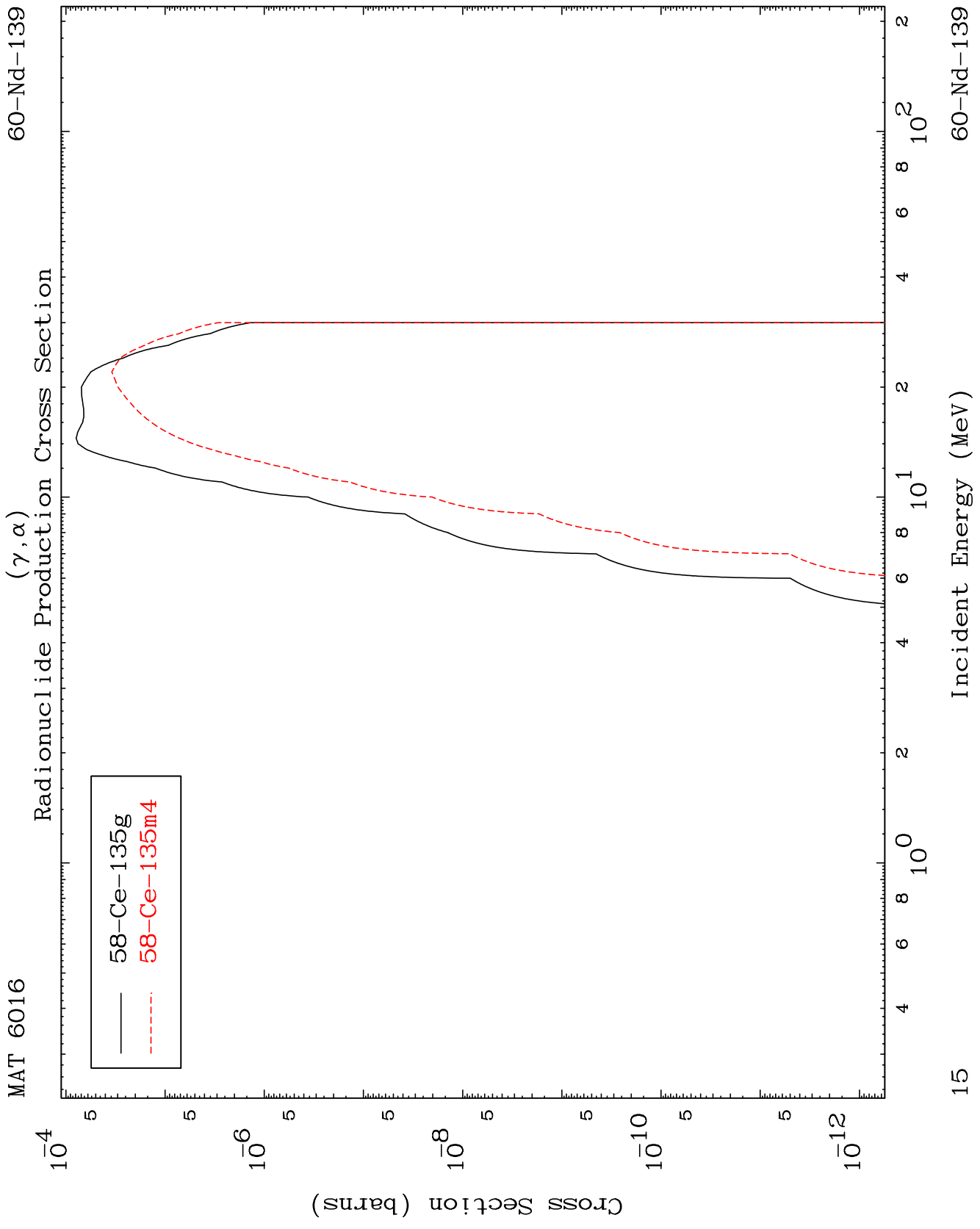
( $\gamma, p$ )  
Radionuclide Production Cross Section



60-Nd-139

Incident Energy (MeV)

14

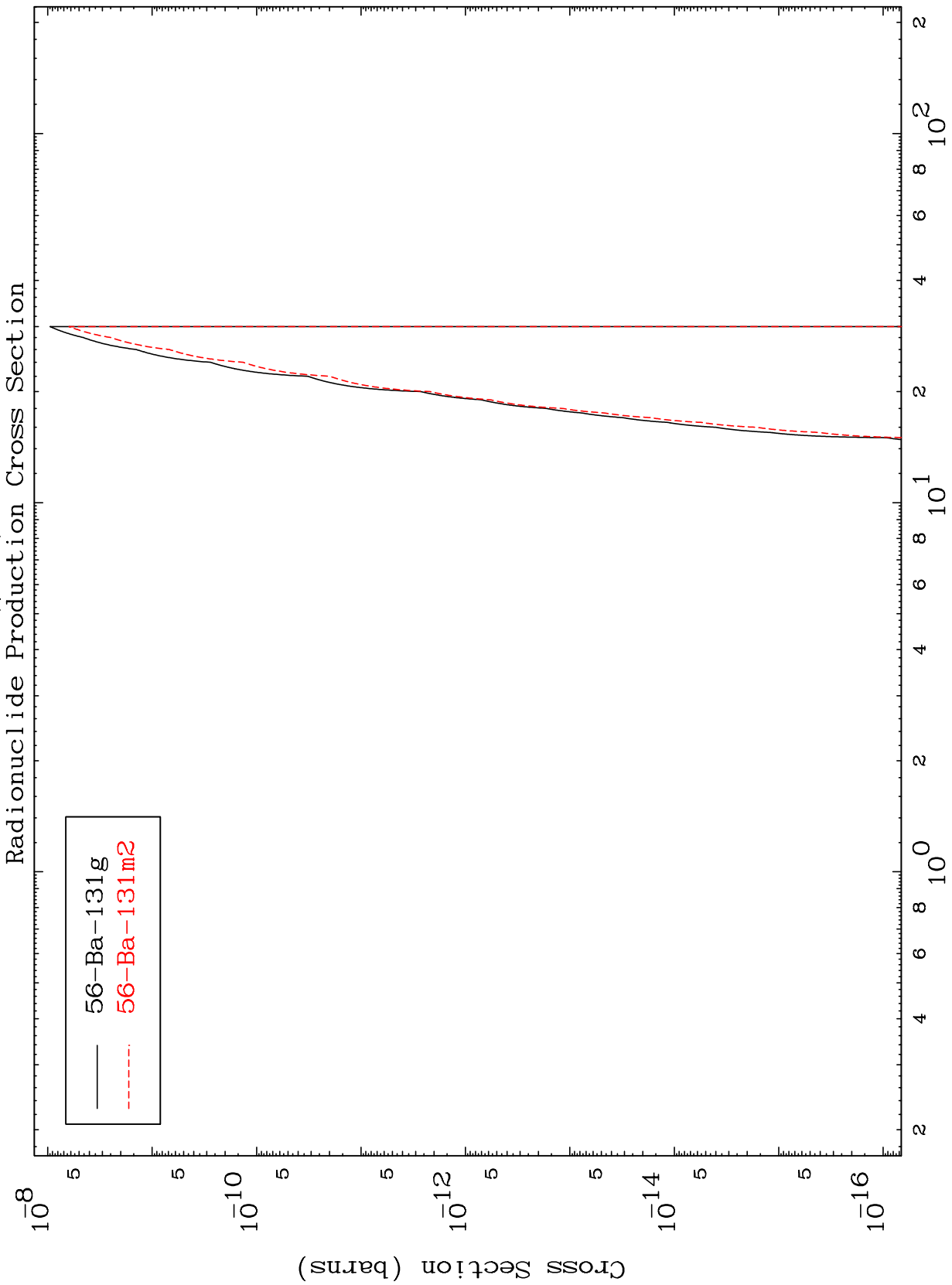




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60-Nd-139

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



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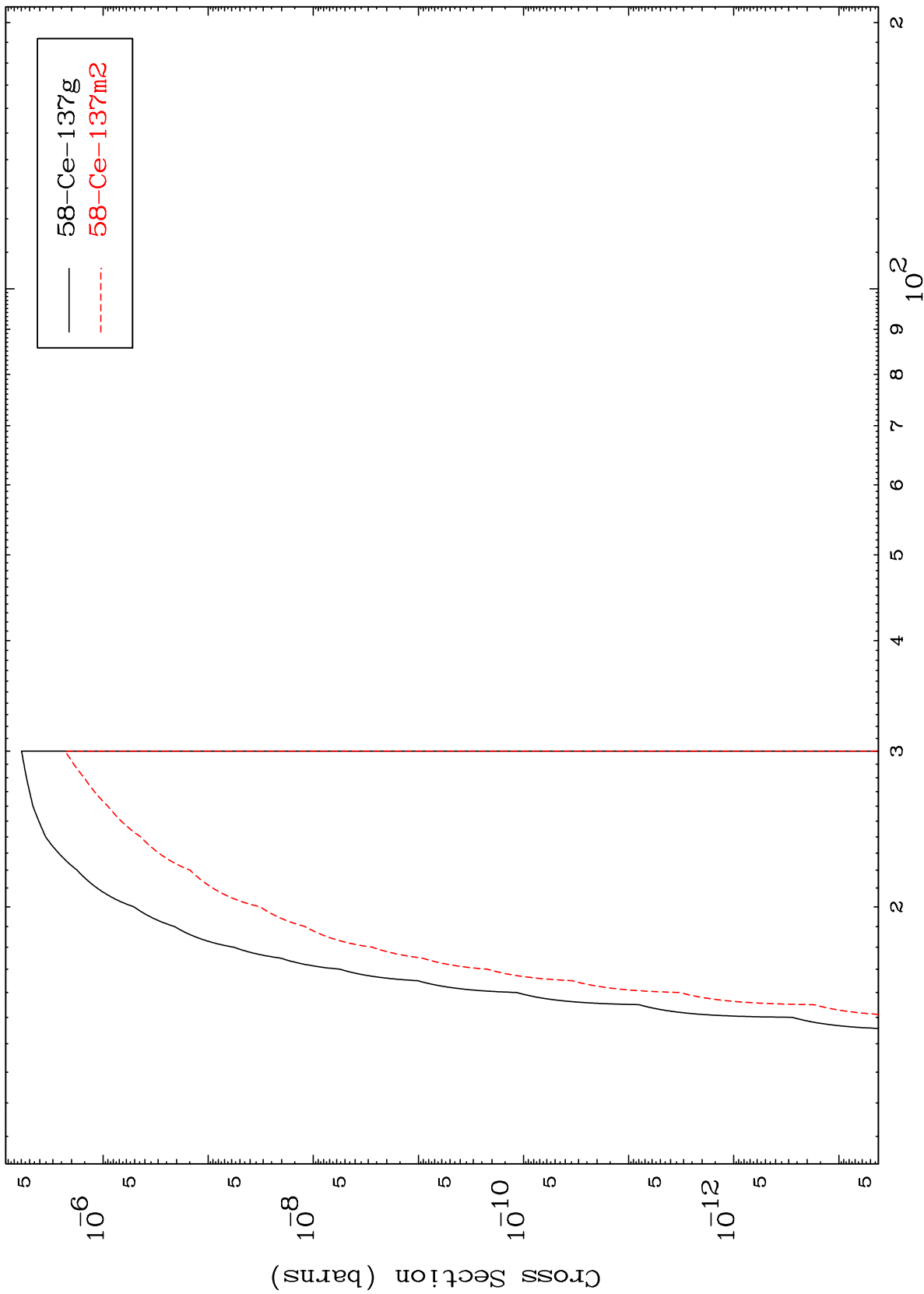
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



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Incident Energy (MeV)

60-Nd-139