

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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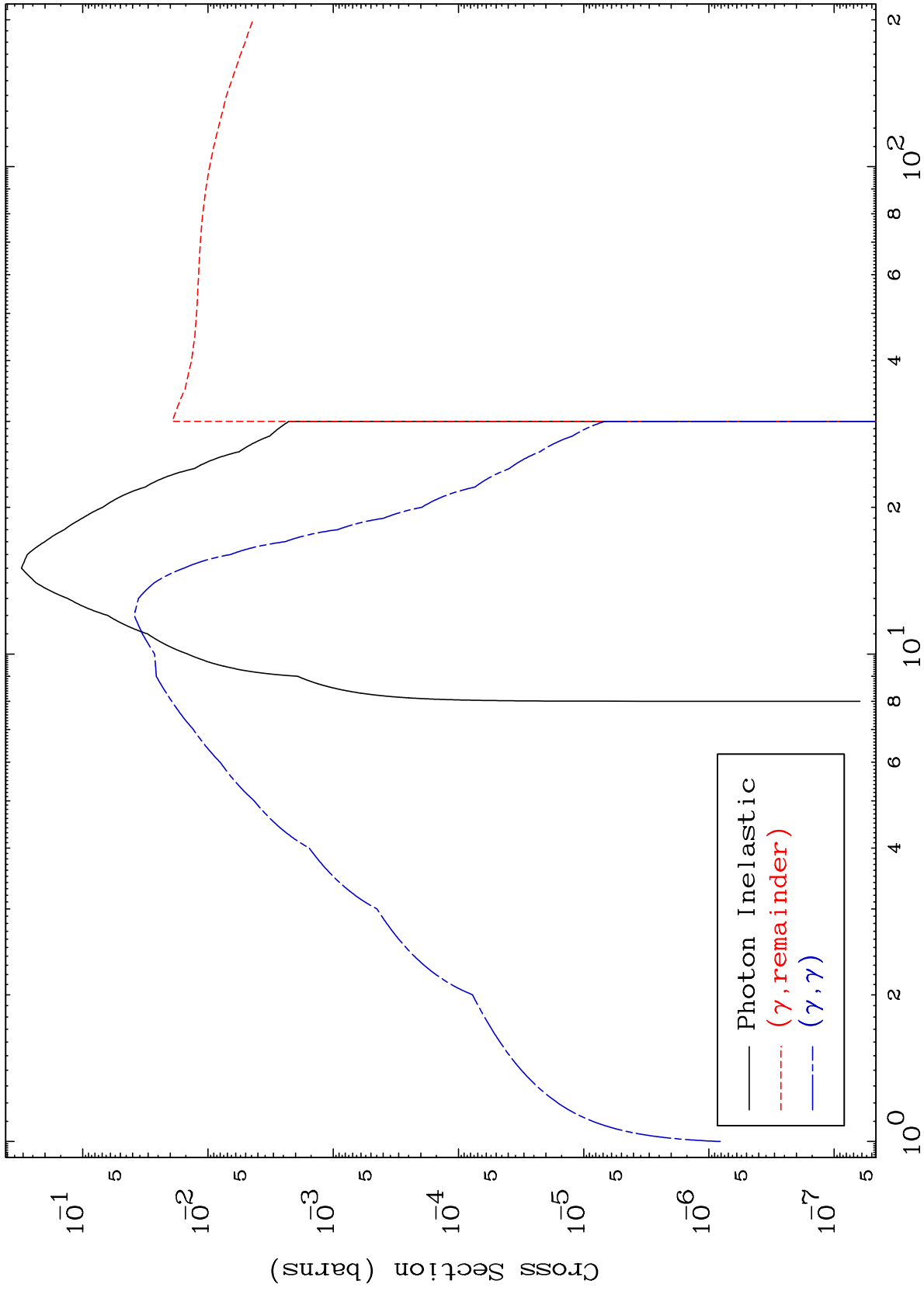
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6017

Photon Major  
0 Kelvin Cross Sections

60-Nd-139

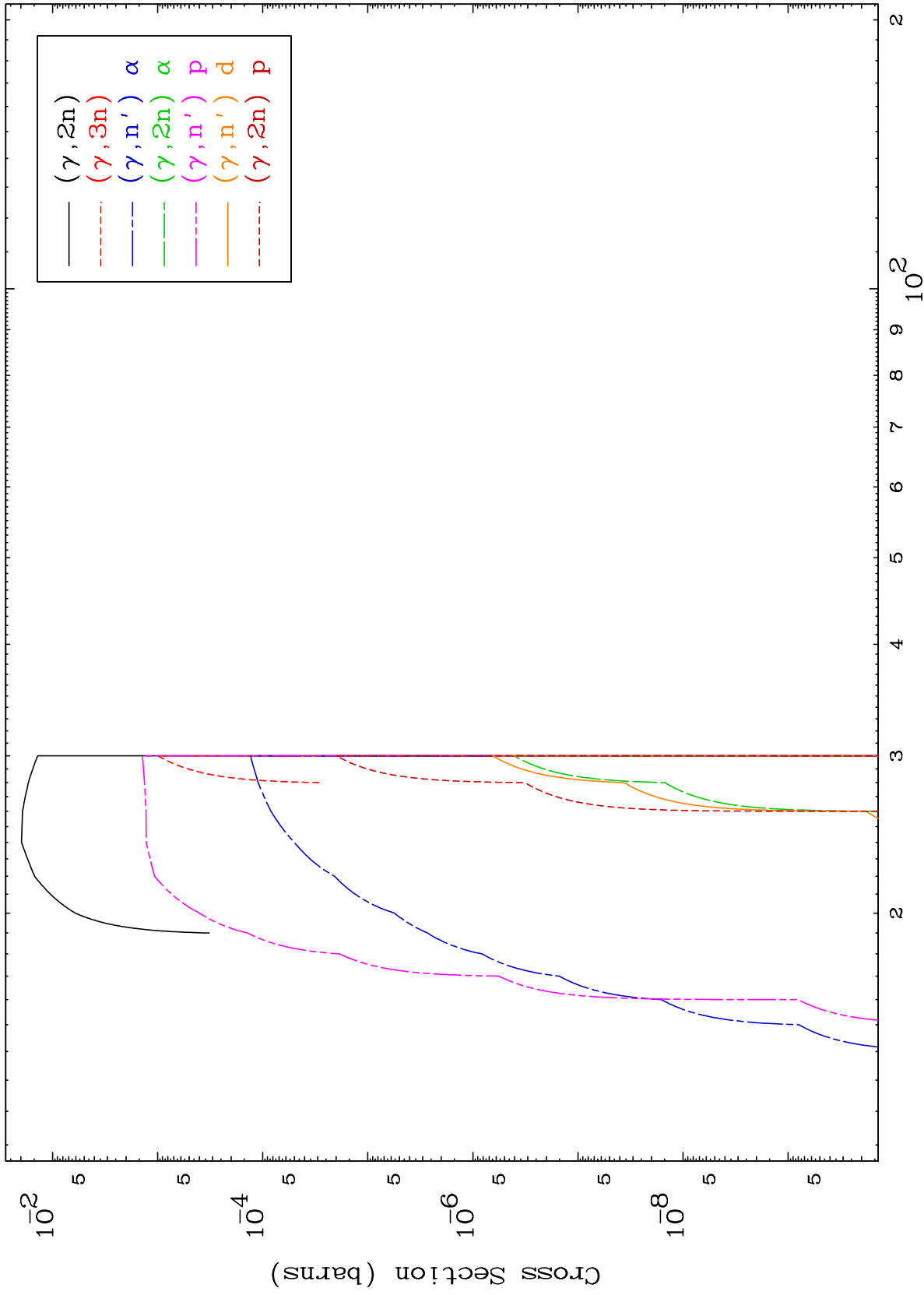


60-Nd-139

MAT 6017

Photon Neutron Production  
0 Kelvin Cross Sections

60-Nd-139



2

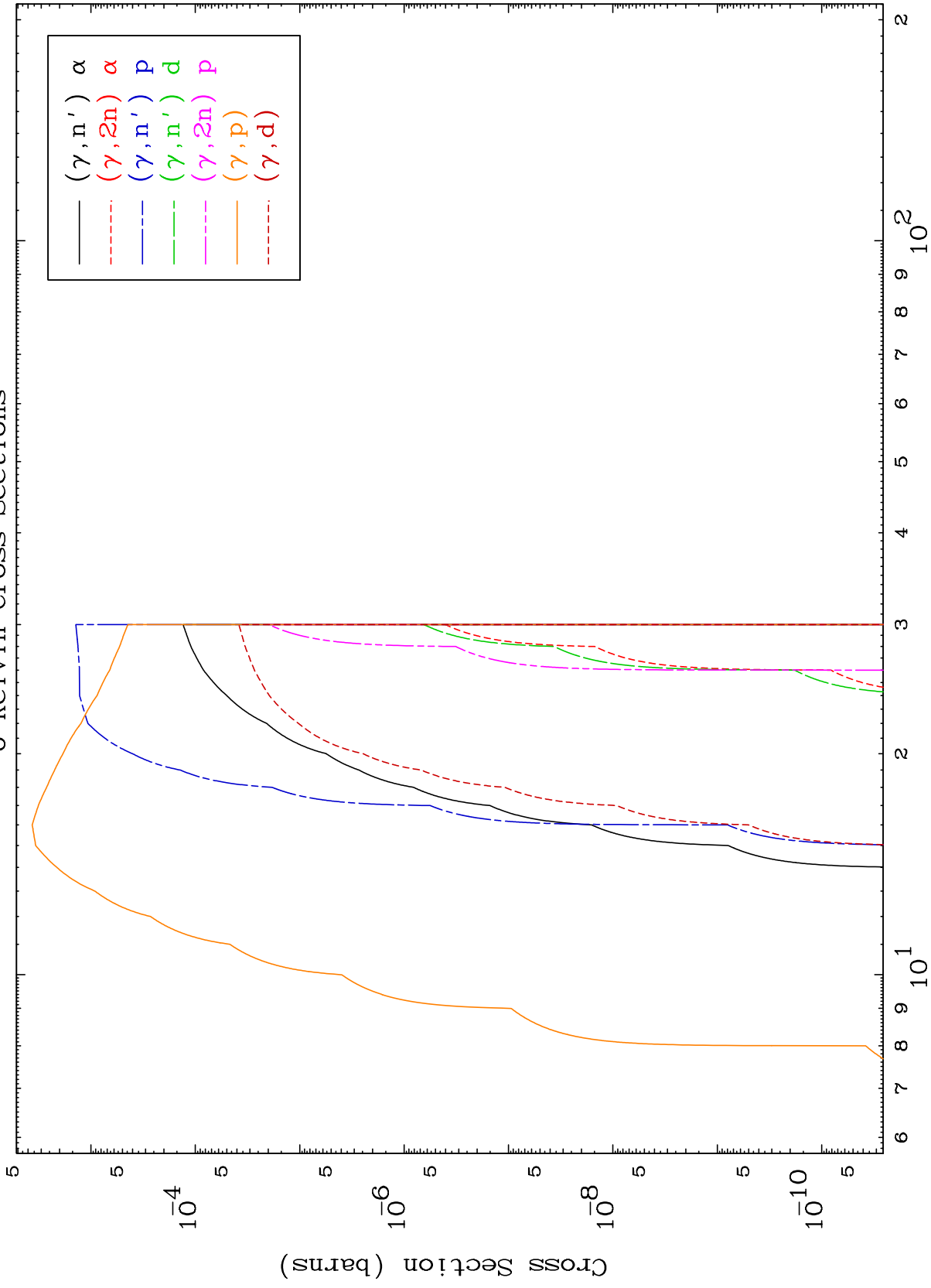
Incident Energy (MeV)

60-Nd-139

MAT 6017

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-139



3

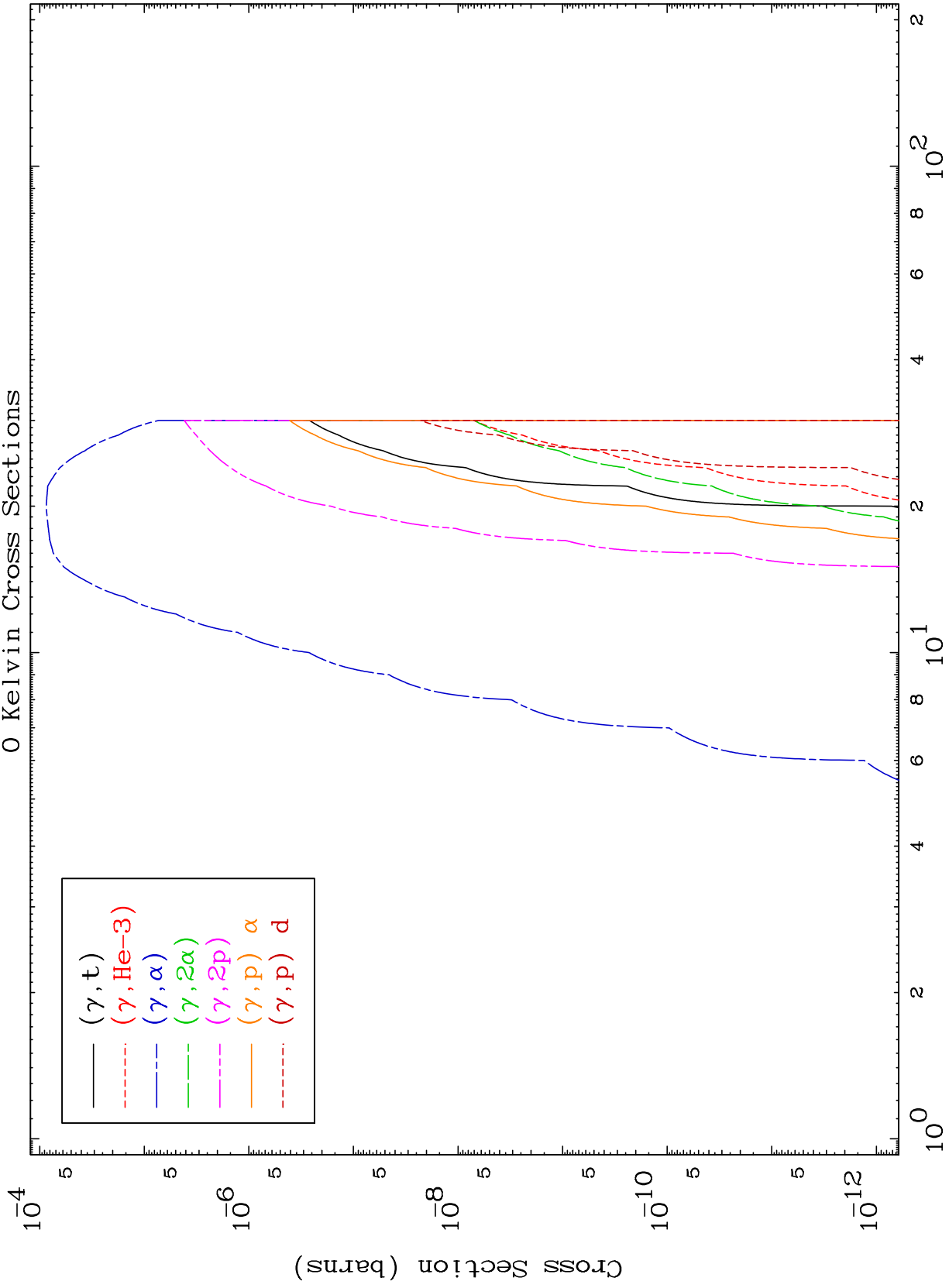
Incident Energy (MeV)

60-Nd-139

MAT 6017

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-139



4

Incident Energy (MeV)

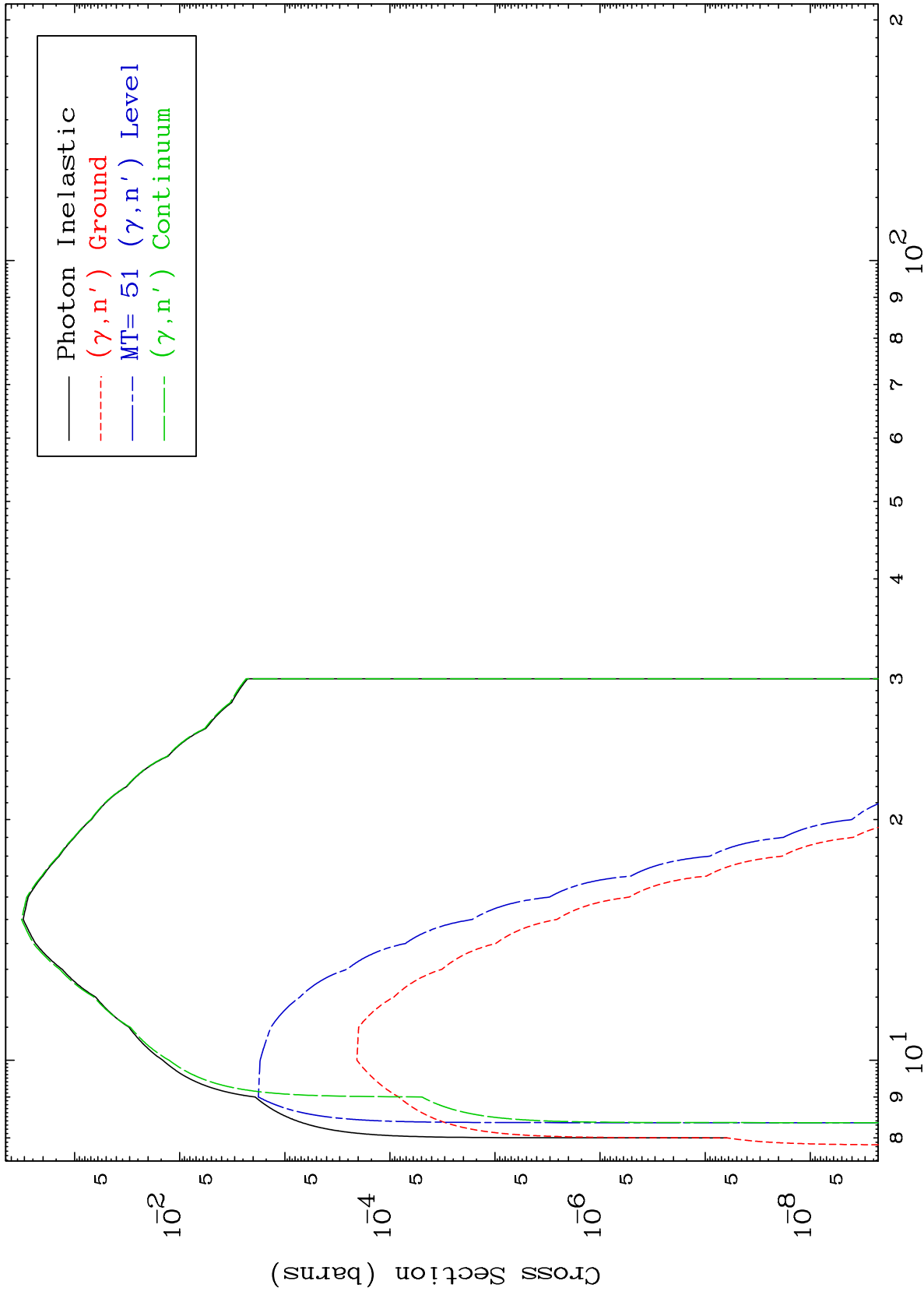
60-Nd-139

MAT 6017

$(\gamma, n')$  Level

60-Nd-139

0 Kelvin Cross Sections



5

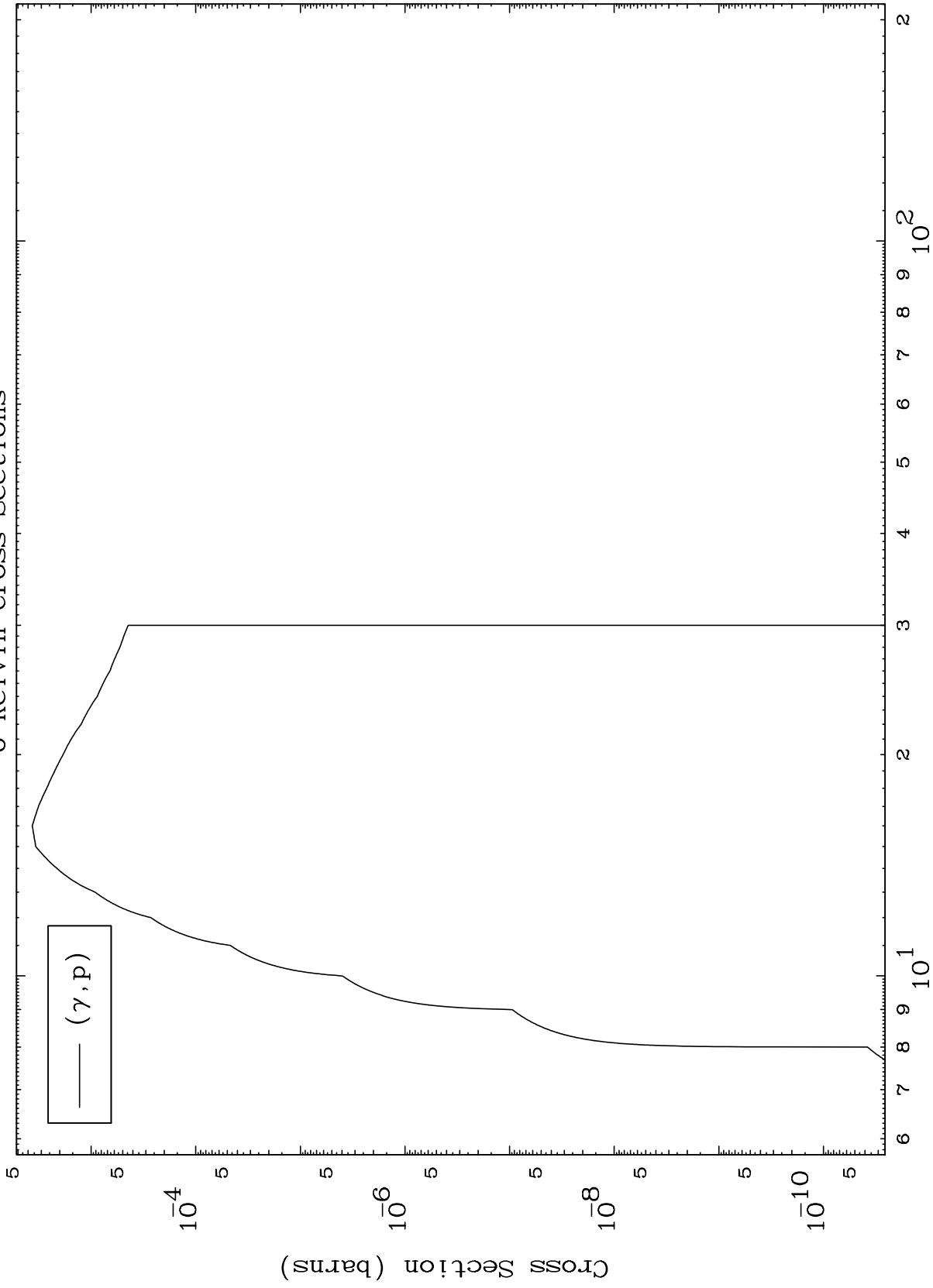
Incident Energy (MeV)

60-Nd-139

MAT 6017

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

60-Nd-139



6

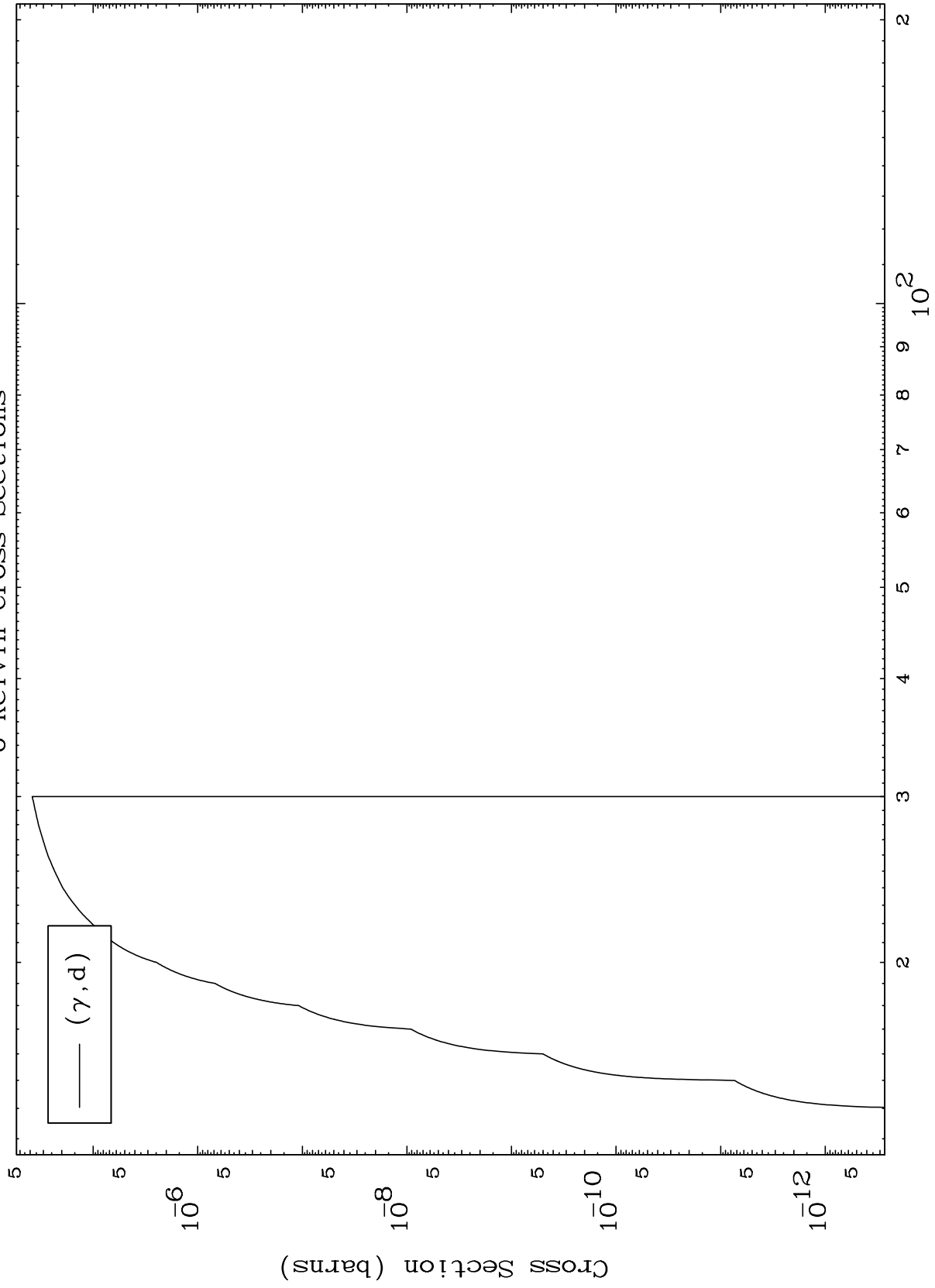
Incident Energy (MeV)

60-Nd-139

MAT 6017

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

60-Nd-139



7

Incident Energy (MeV)

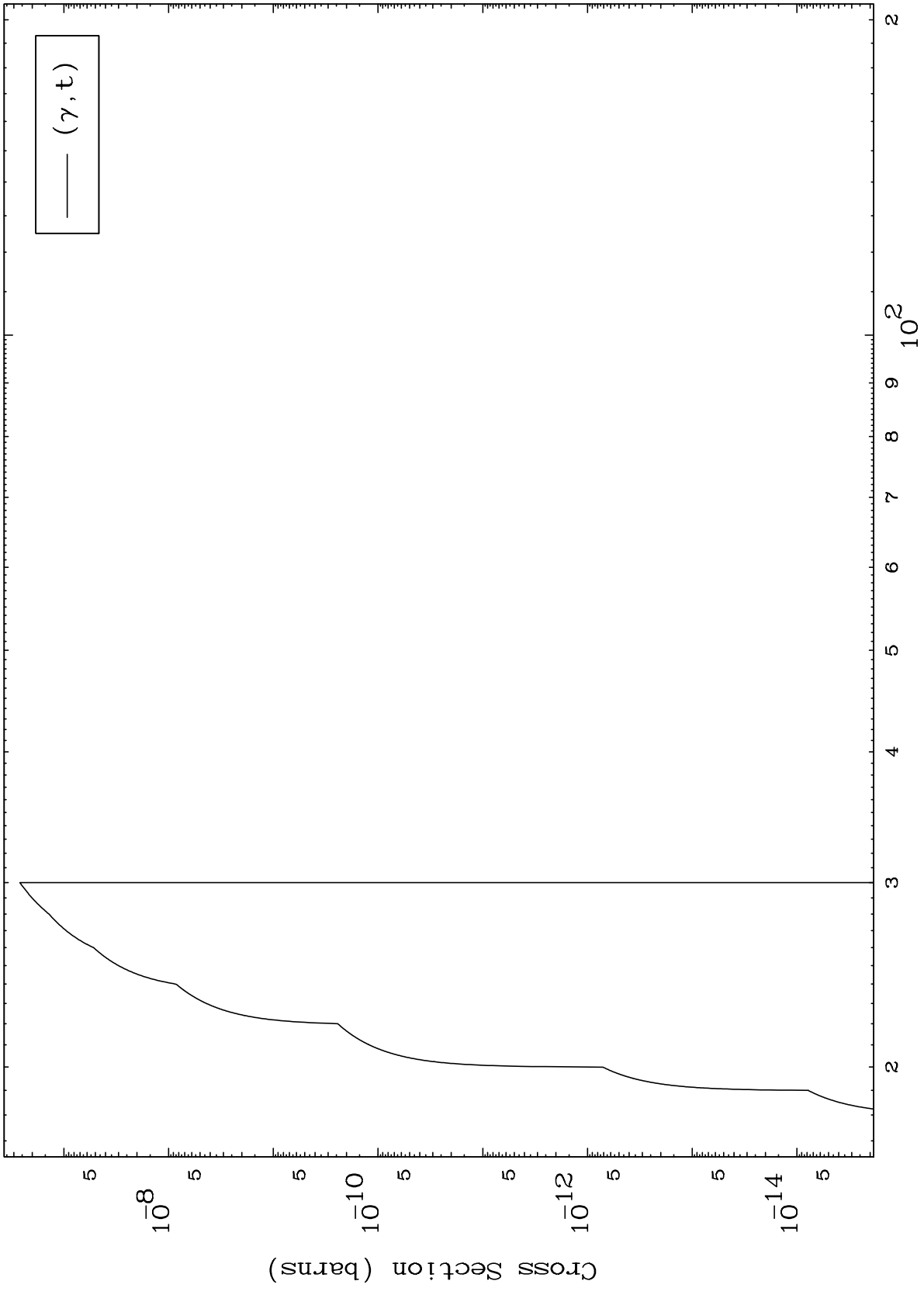
60-Nd-139



MAT 6017

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

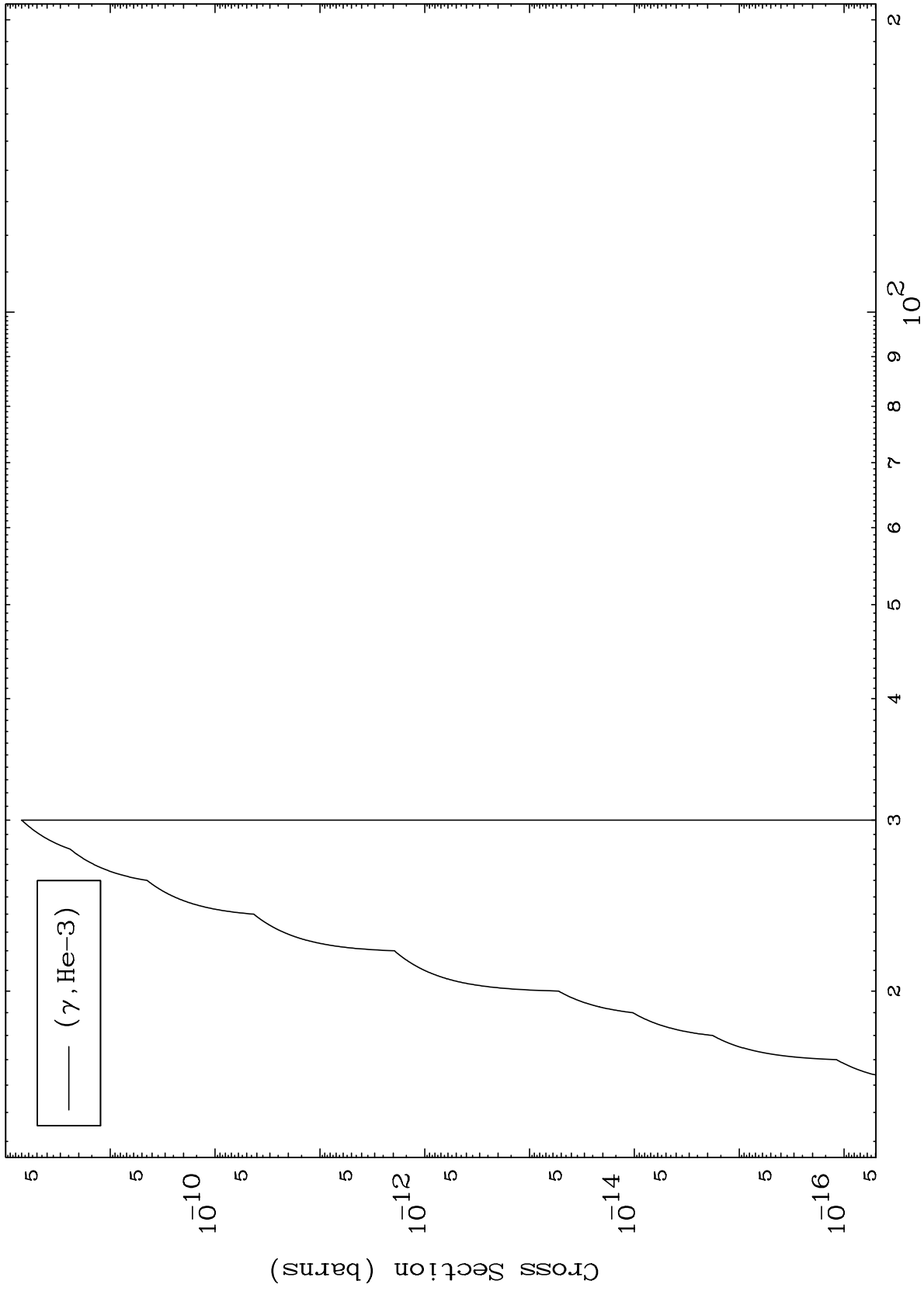
60-Nd-139



8

Incident Energy (MeV)

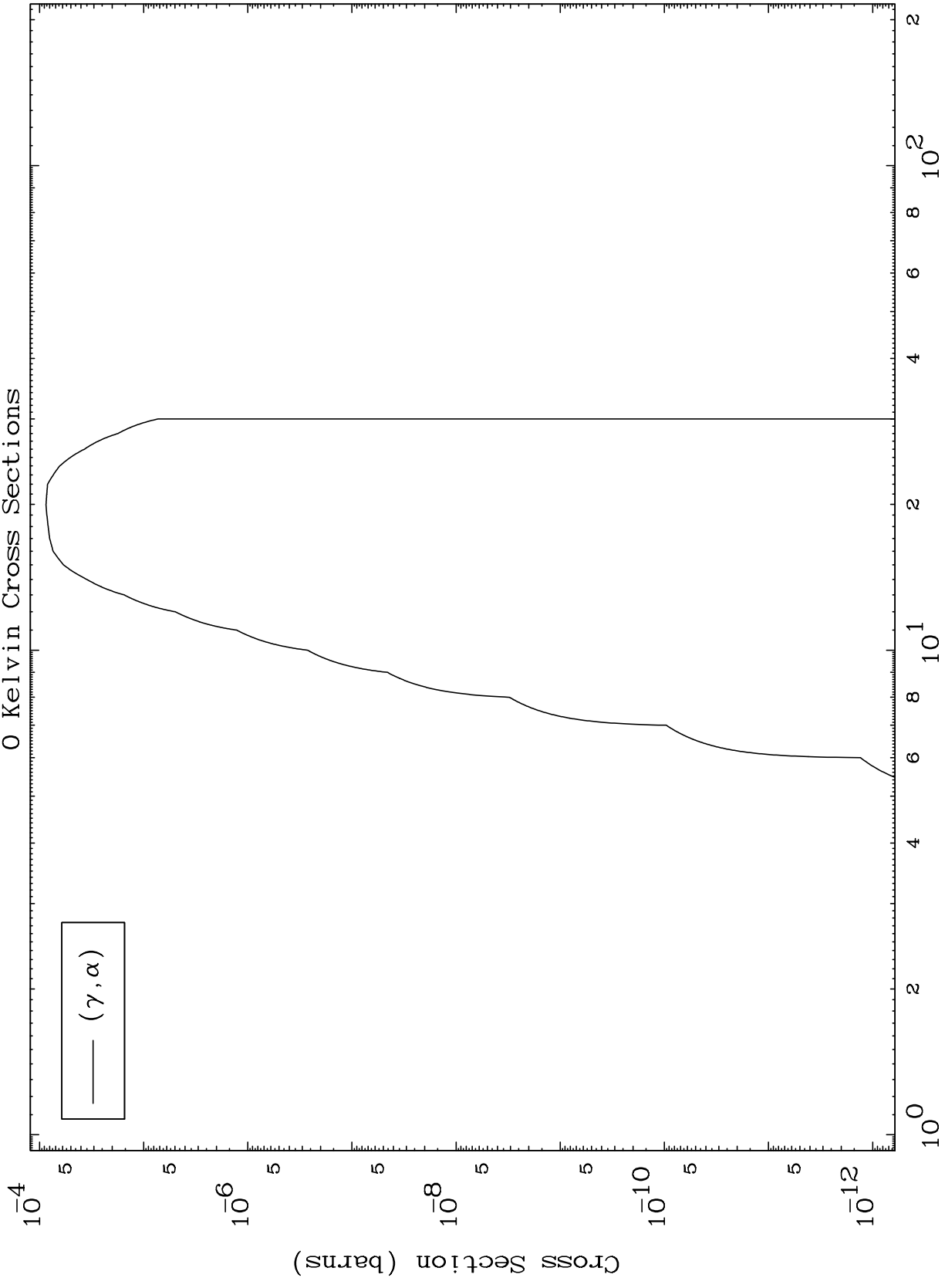
60-Nd-139



MAT 6017

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

60-Nd-139



( $\gamma, \alpha$ )

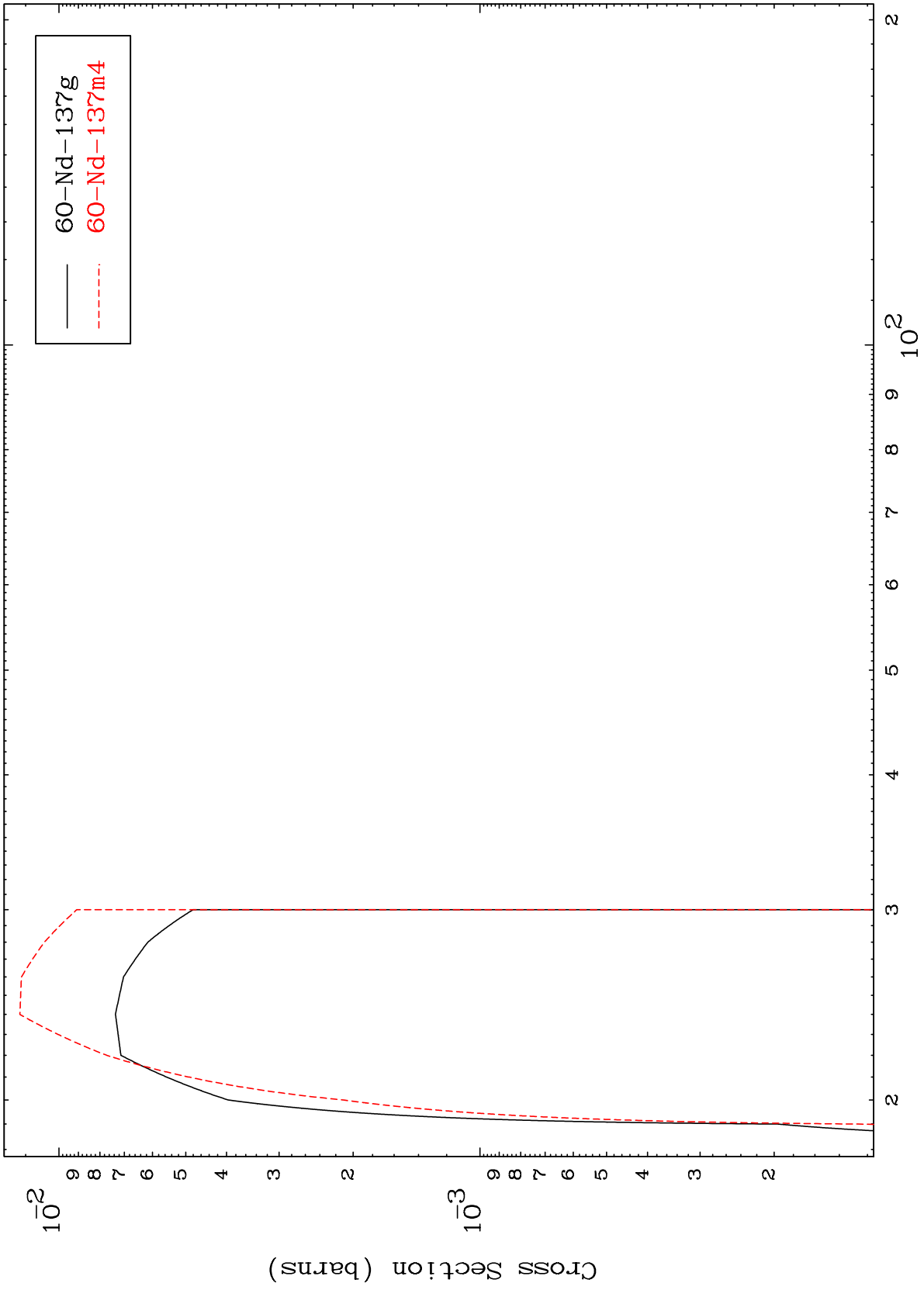
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

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



11

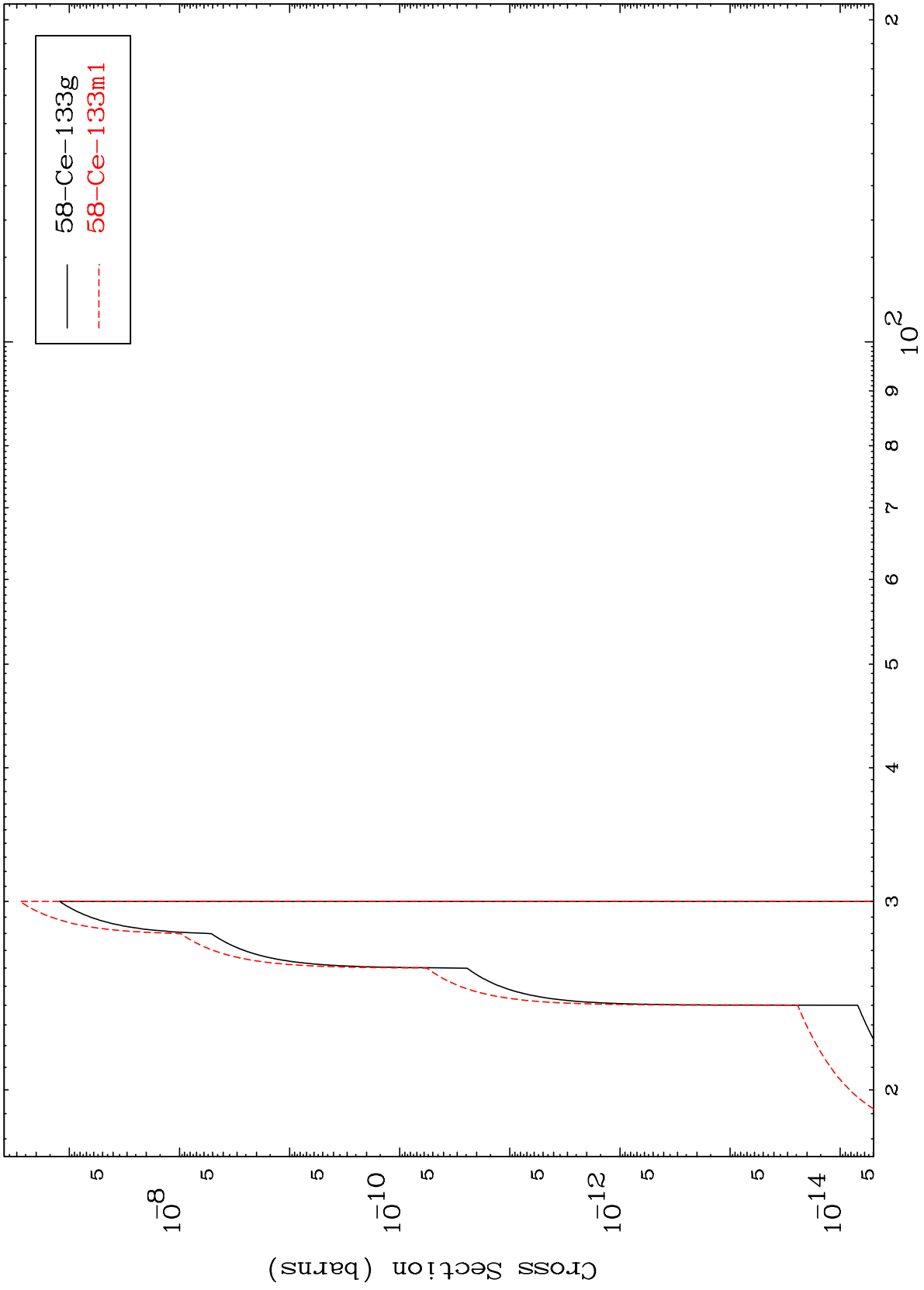
60-Nd-139

MAT 6017

$(\gamma, 2n) \alpha$

$^{60}\text{Nd}-^{139}$

Radionuclide Production Cross Section



12

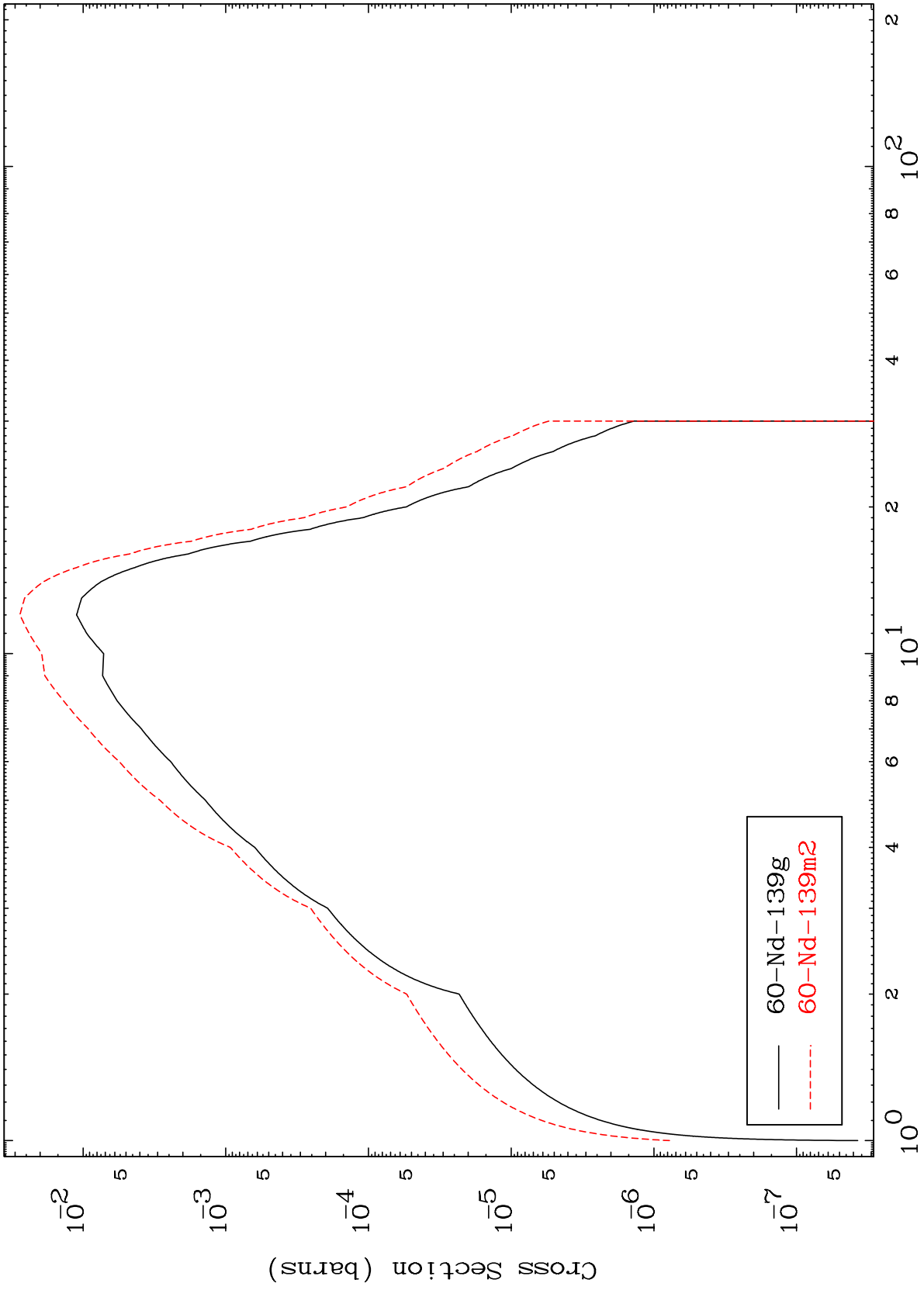
Incident Energy (MeV)

$^{60}\text{Nd}-^{139}$

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60-Nd-139

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



60-Nd-139

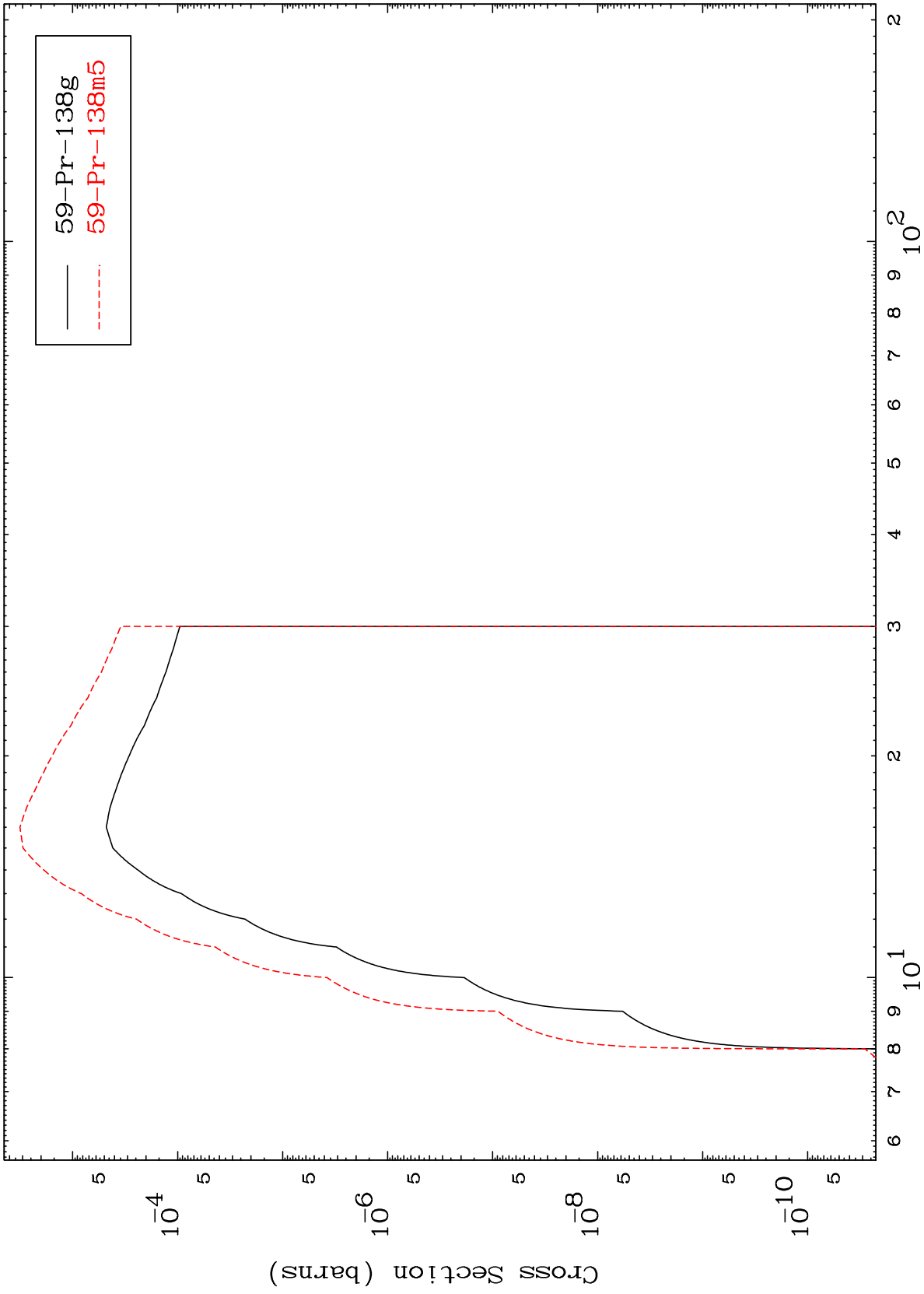
Incident Energy (MeV)

13

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60-Nd-139

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



14

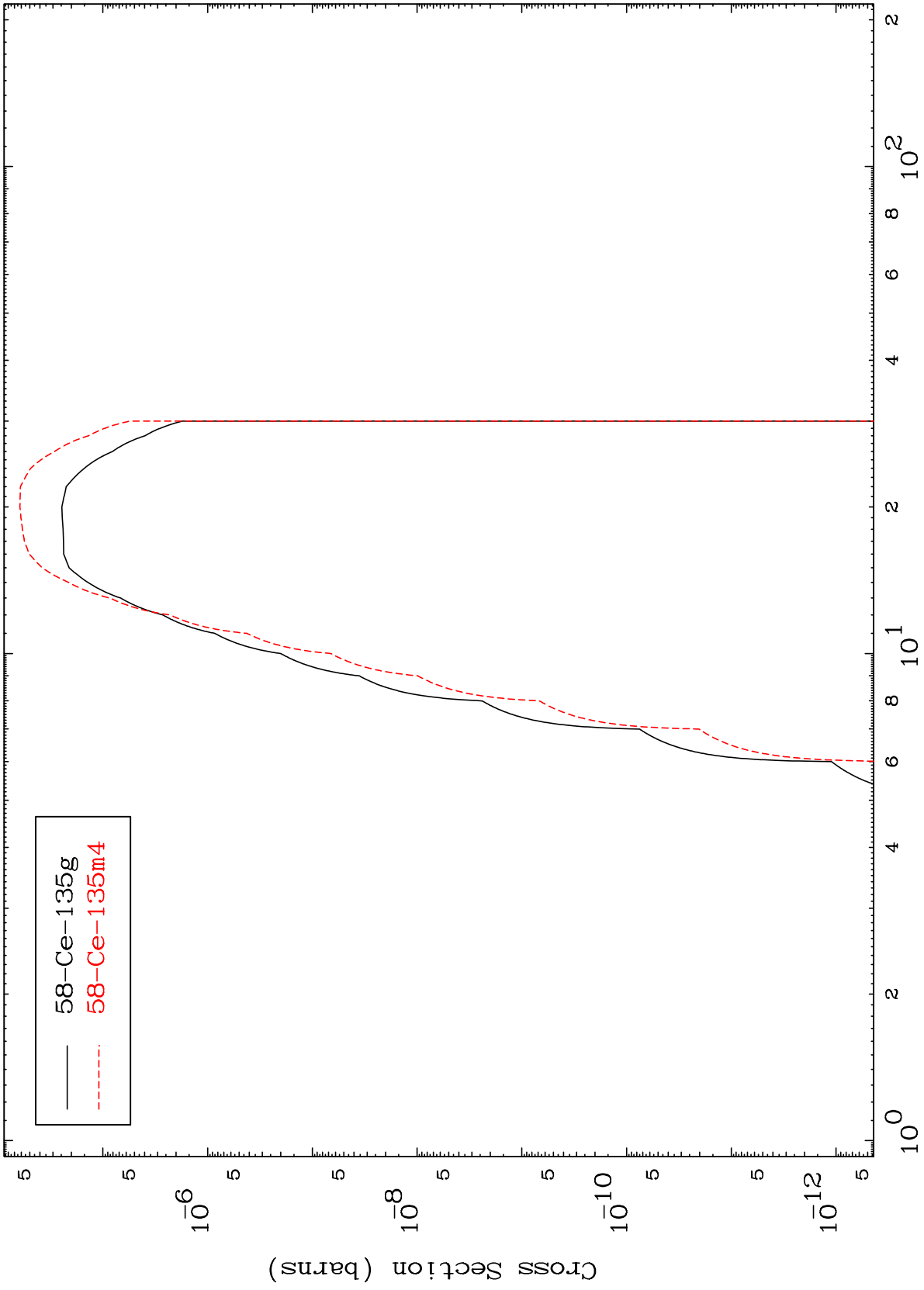
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

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



Incident Energy (MeV)

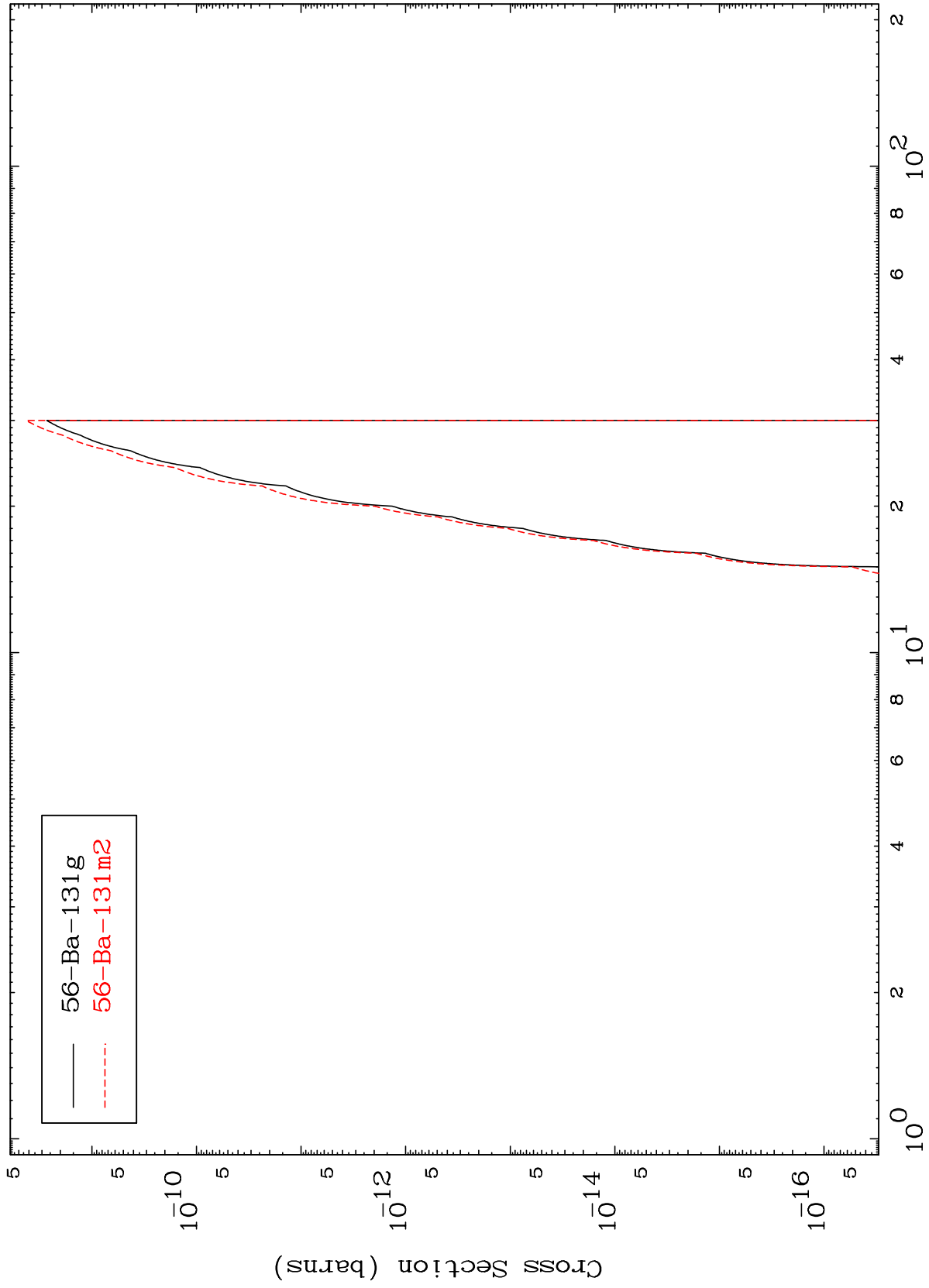
60-Nd-139



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

60-Nd-139



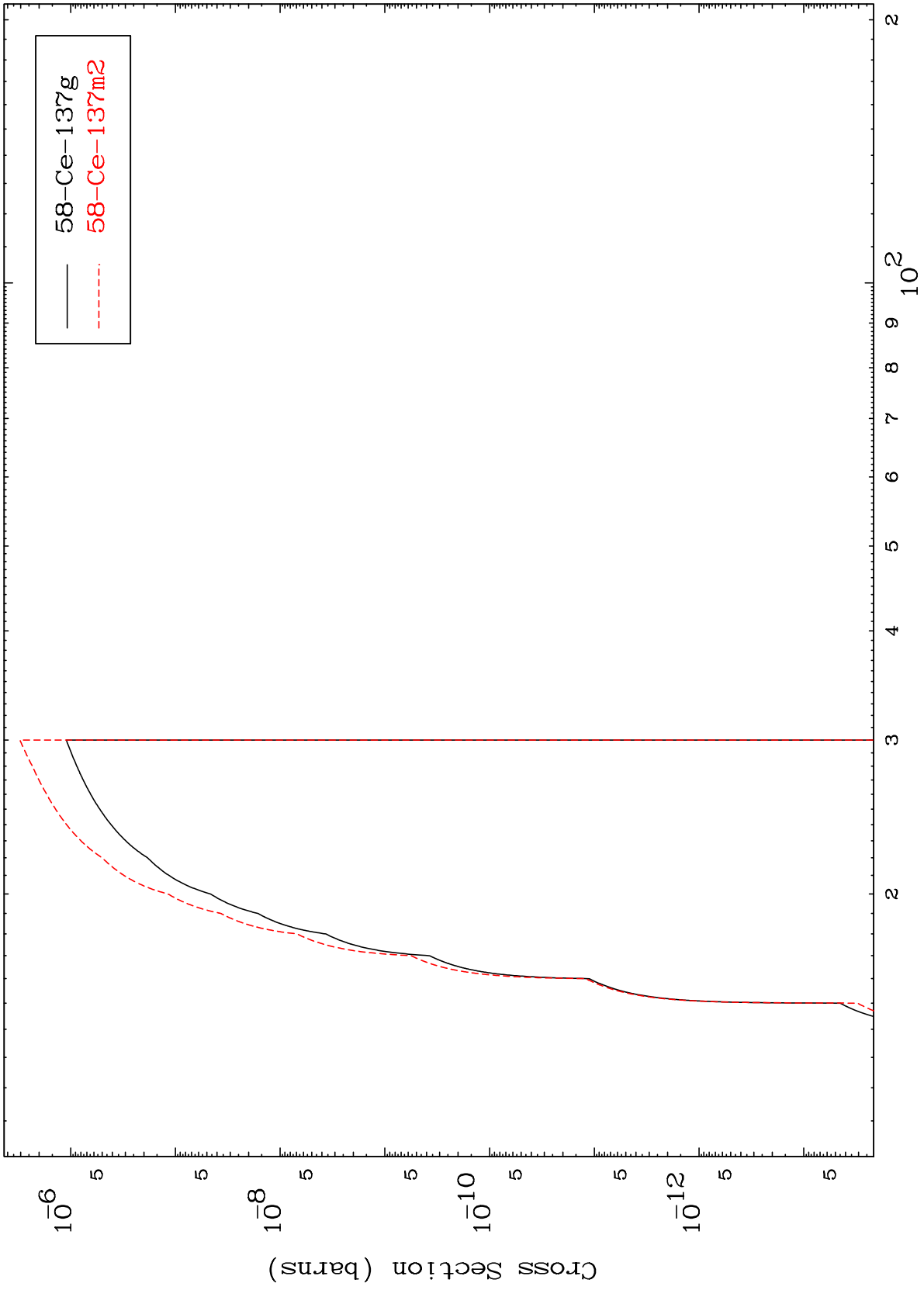
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

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



17

Incident Energy (MeV)

60-Nd-139