

Program EVALPLOT  
(Version 2017-1)

by

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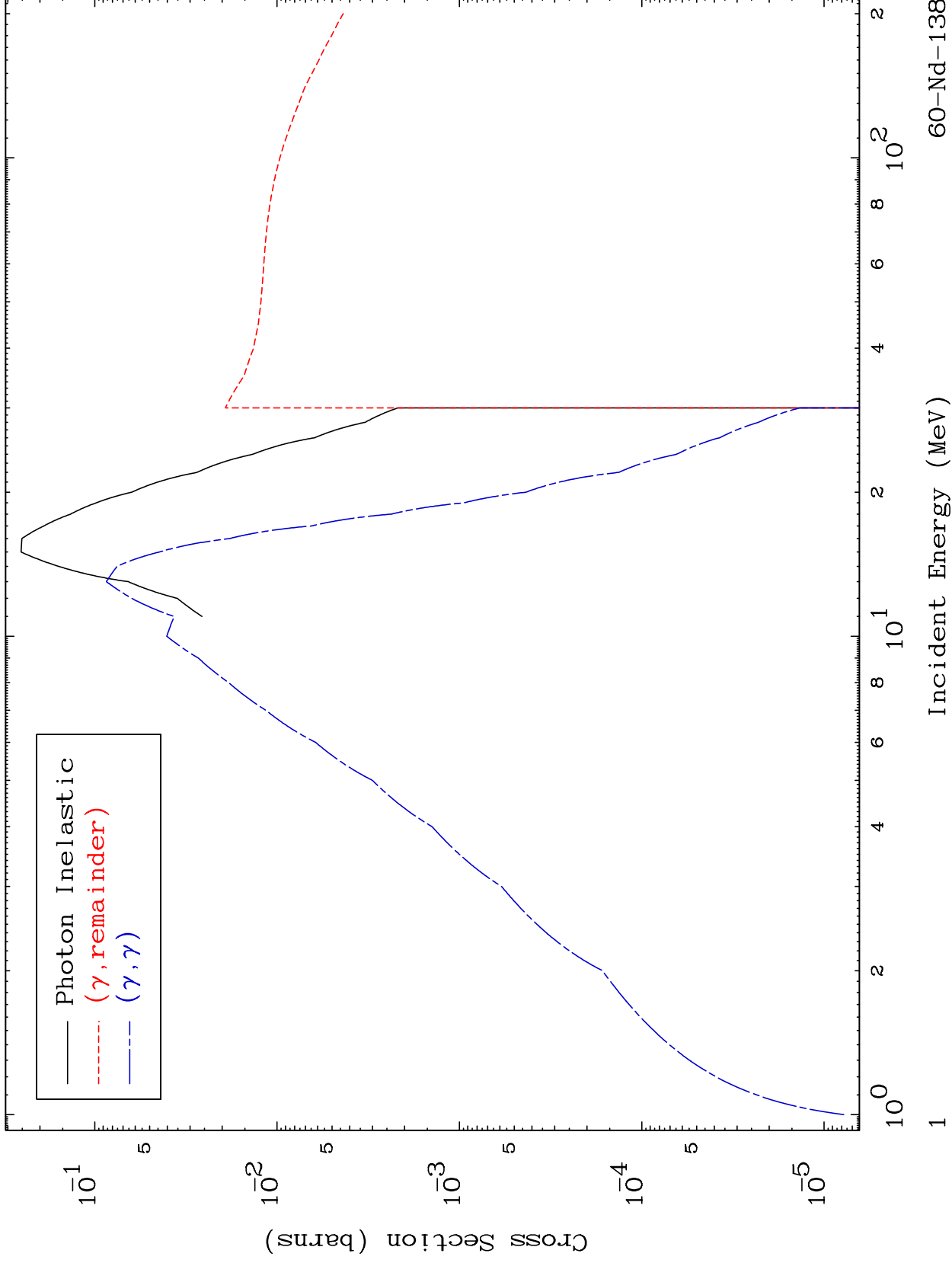
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6013

Photon Major  
0 Kelvin Cross Sections

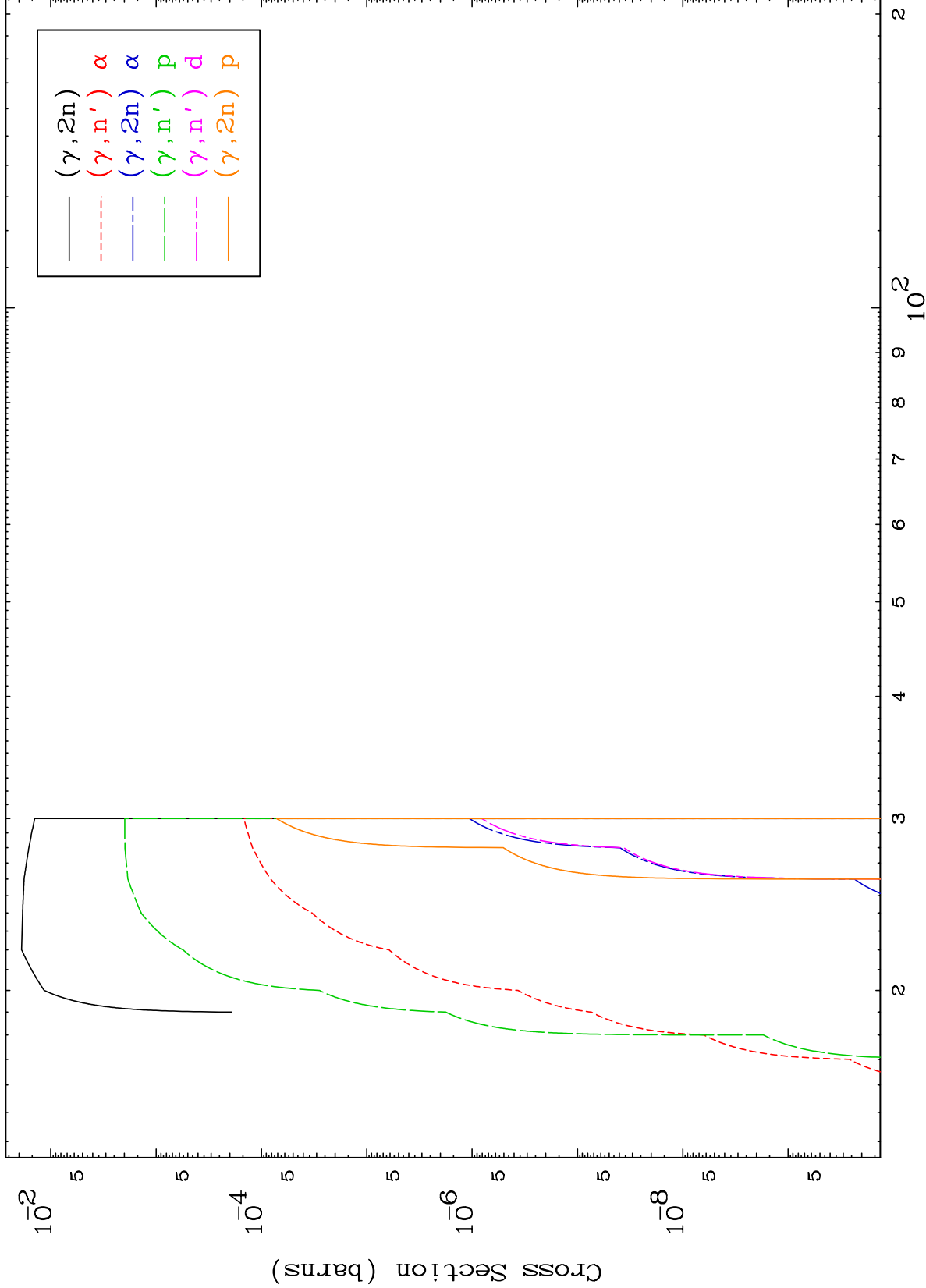
60-Nd-138



— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

60-Nd-138

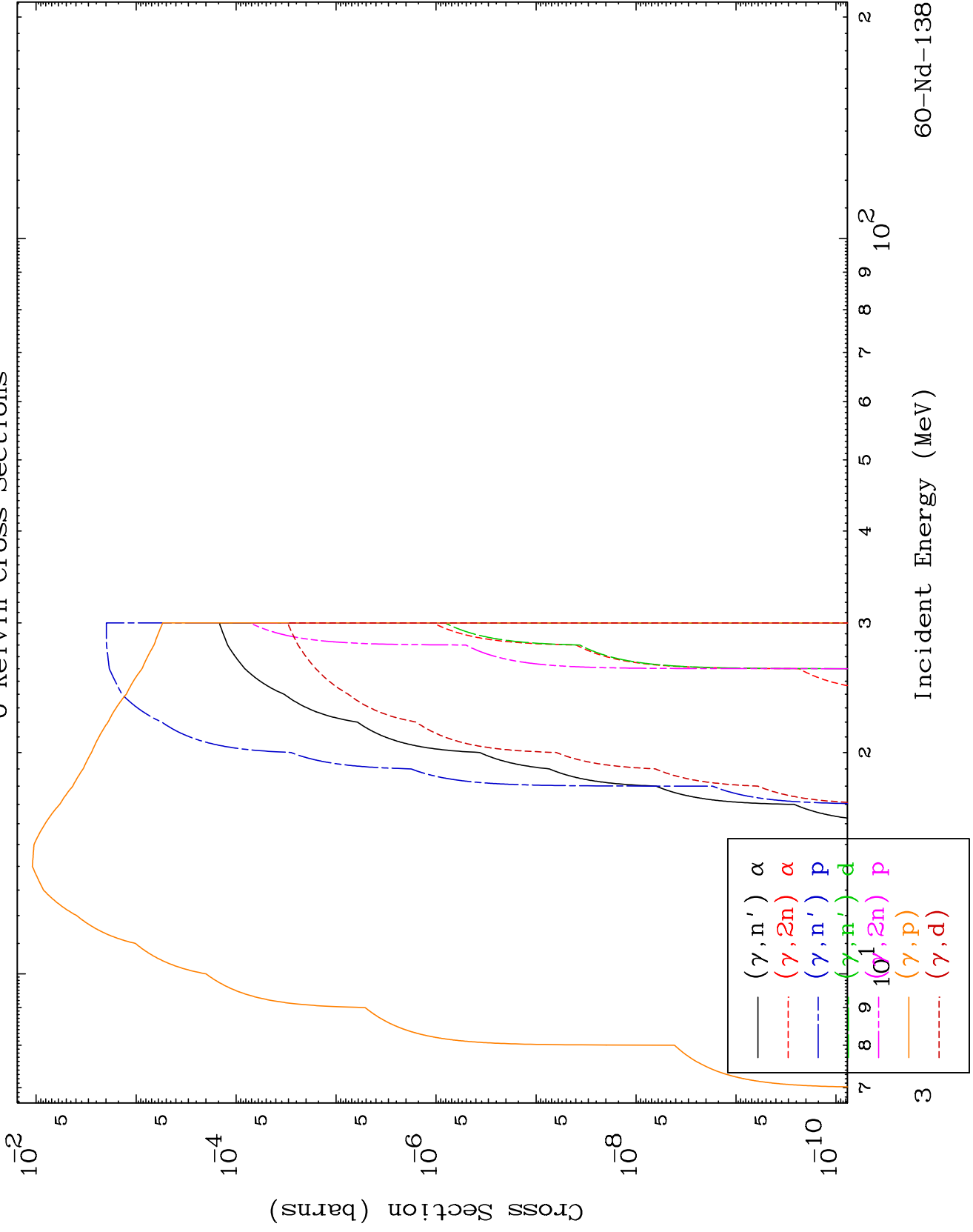
Incident Energy (MeV)



MAT 6013

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-138

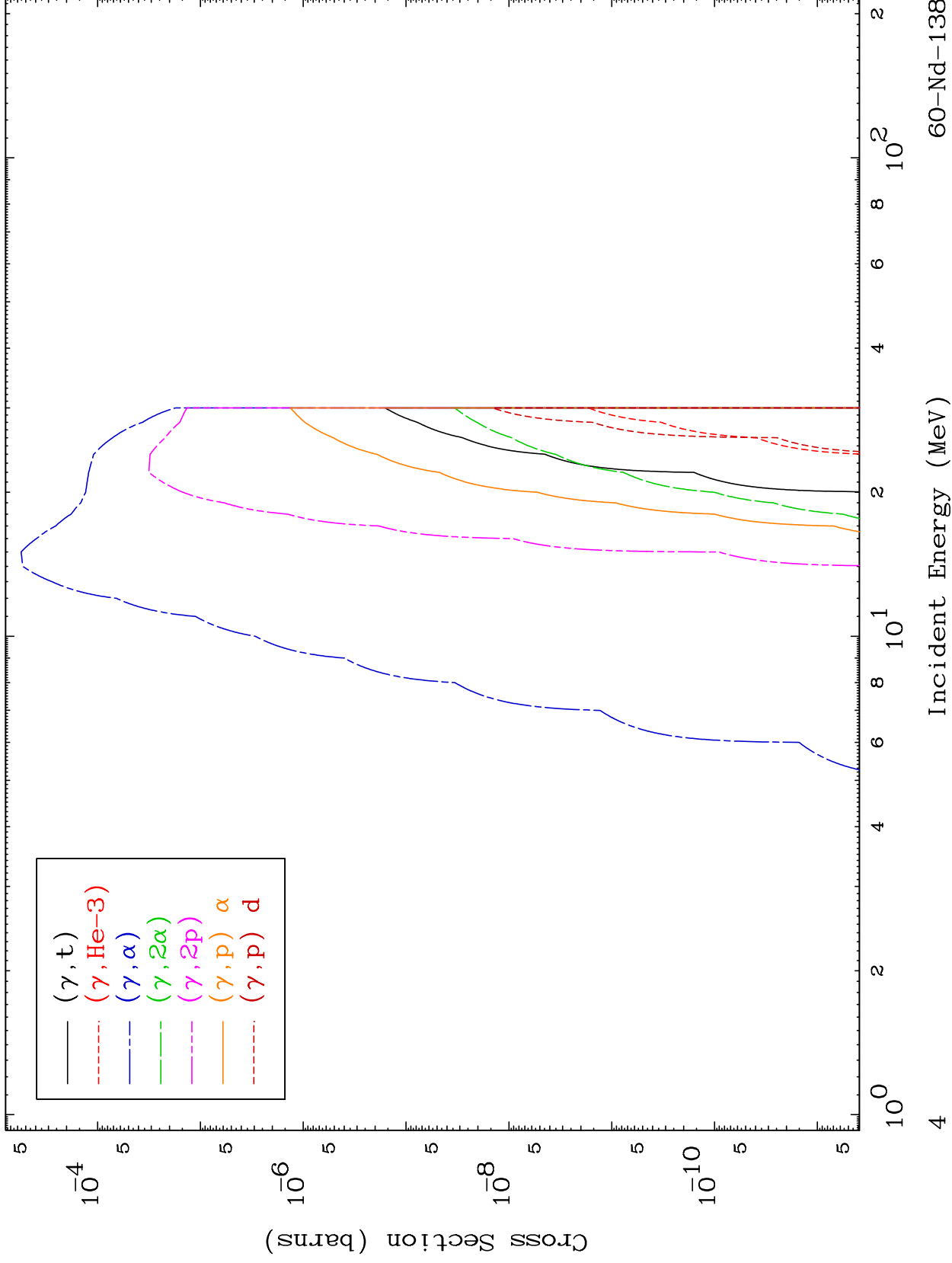


60-Nd-138

MAT 6013

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-138



60-Nd-138

Incident Energy (MeV)

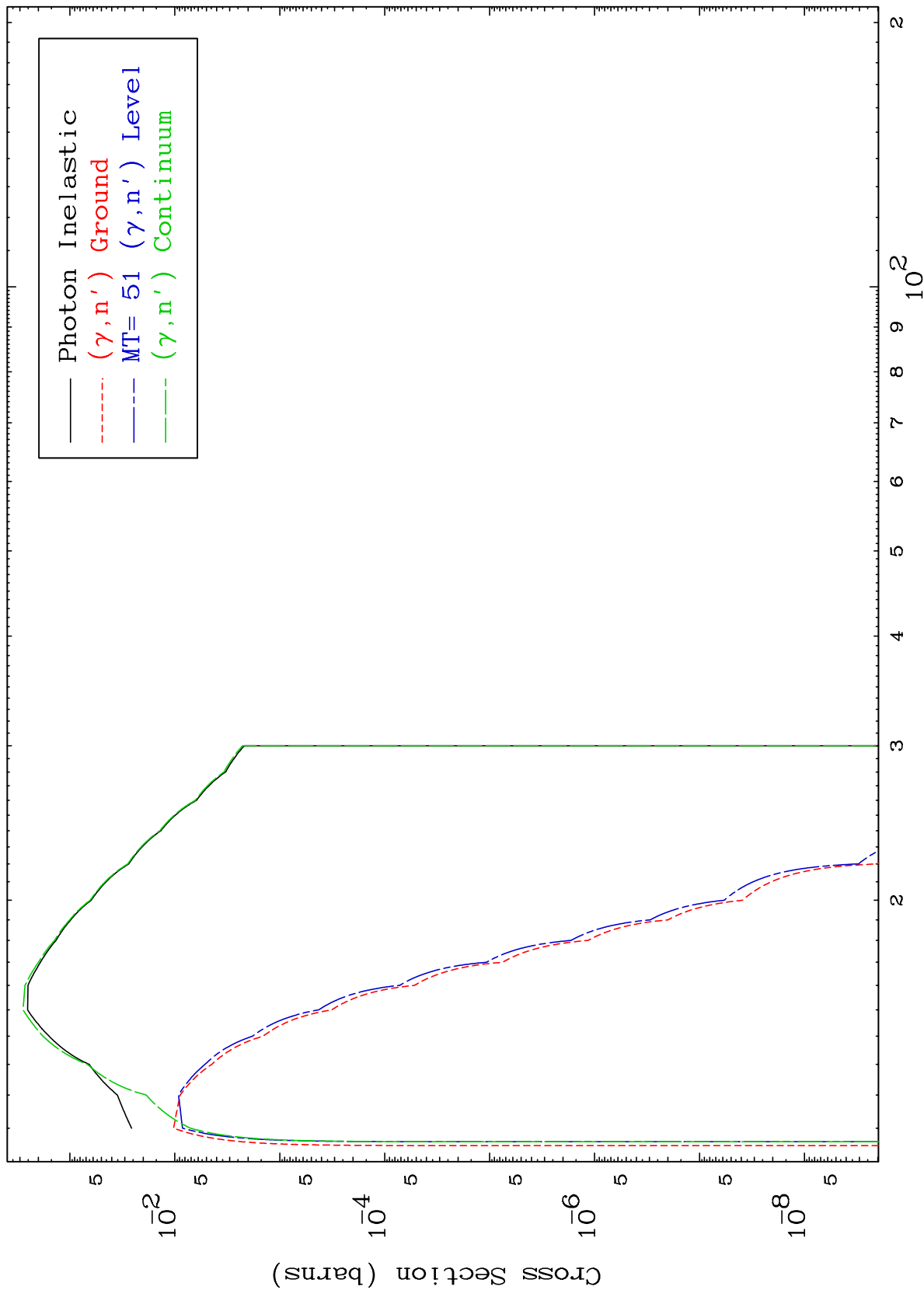
4

MAT 6013

$(\gamma, n')$  Level

60-Nd-138

0 Kelvin Cross Sections



Incident Energy (MeV)

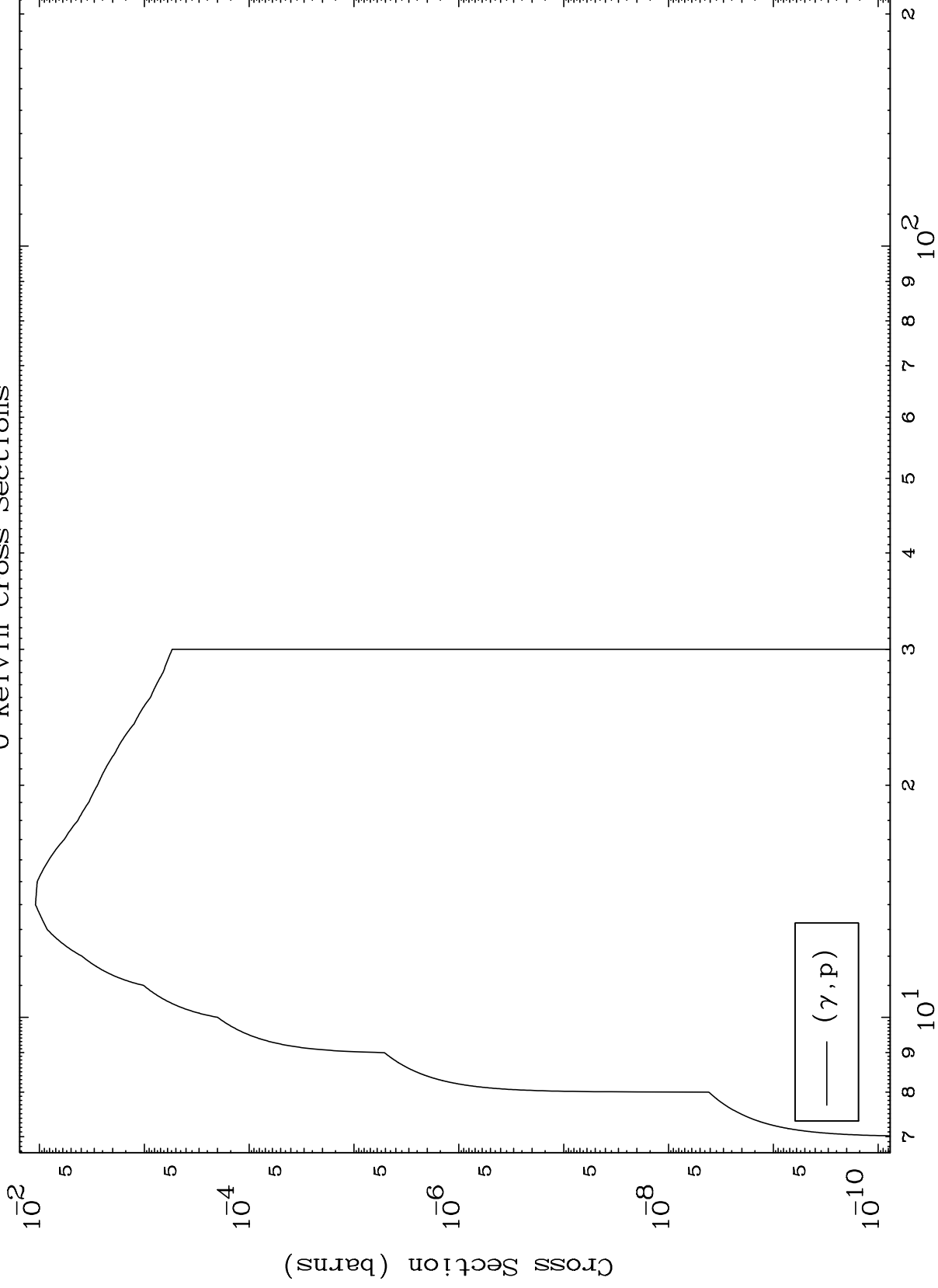
60-Nd-138

5

MAT 6013

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

60-Nd-138



Incident Energy (MeV)

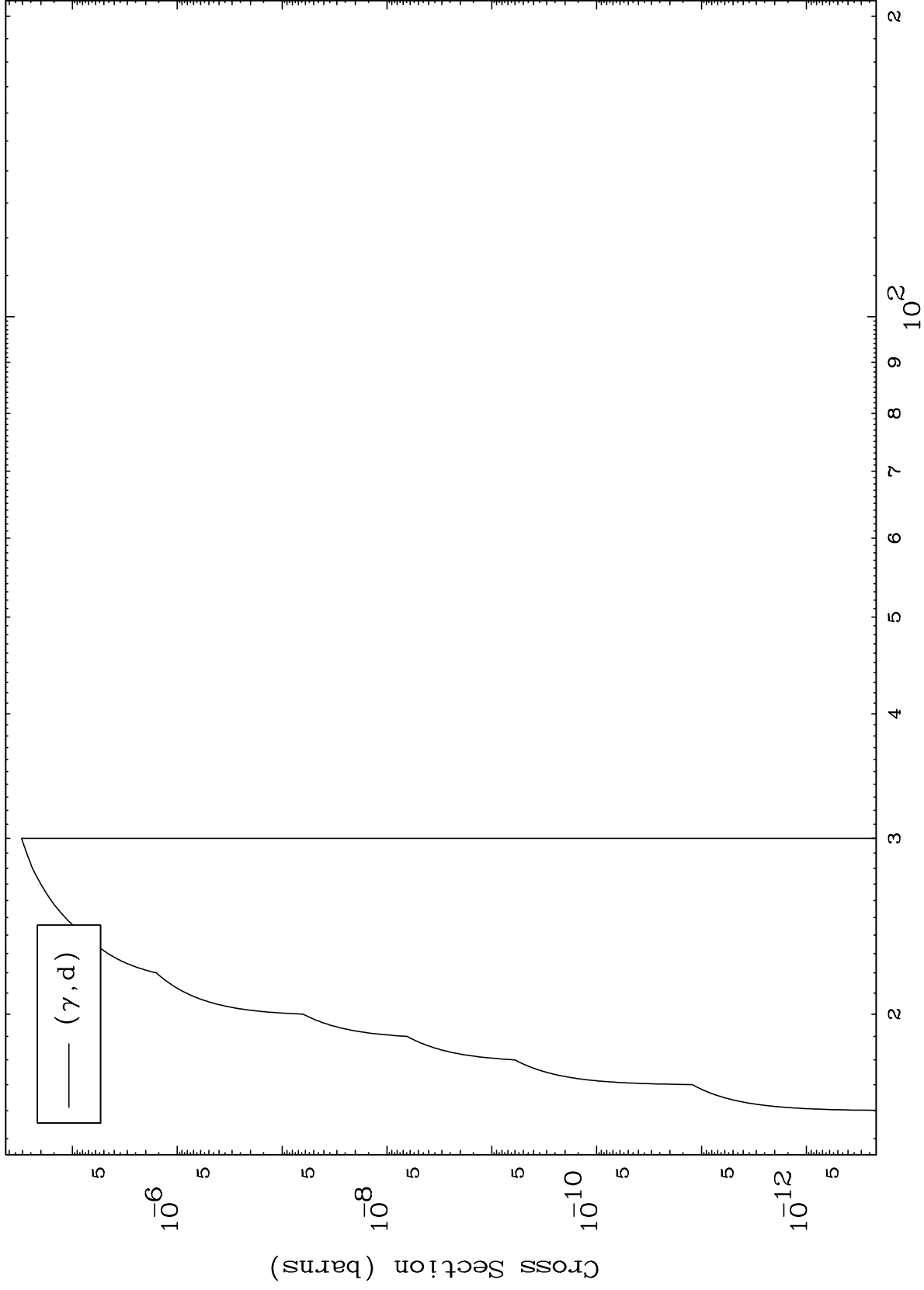
60-Nd-138

6

MAT 6013

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

60-Nd-138



7

Incident Energy (MeV)

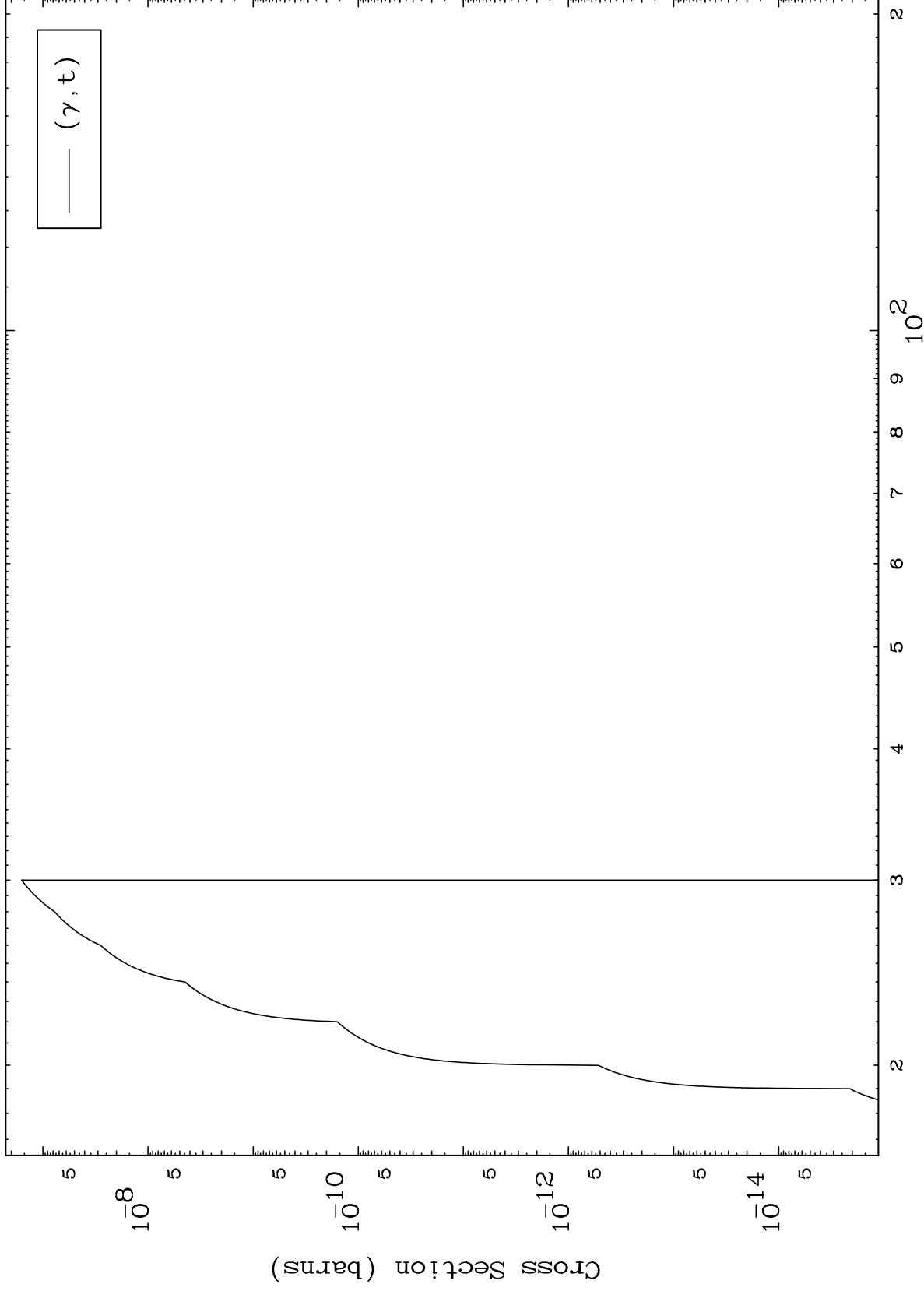
60-Nd-138



MAT 6013

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

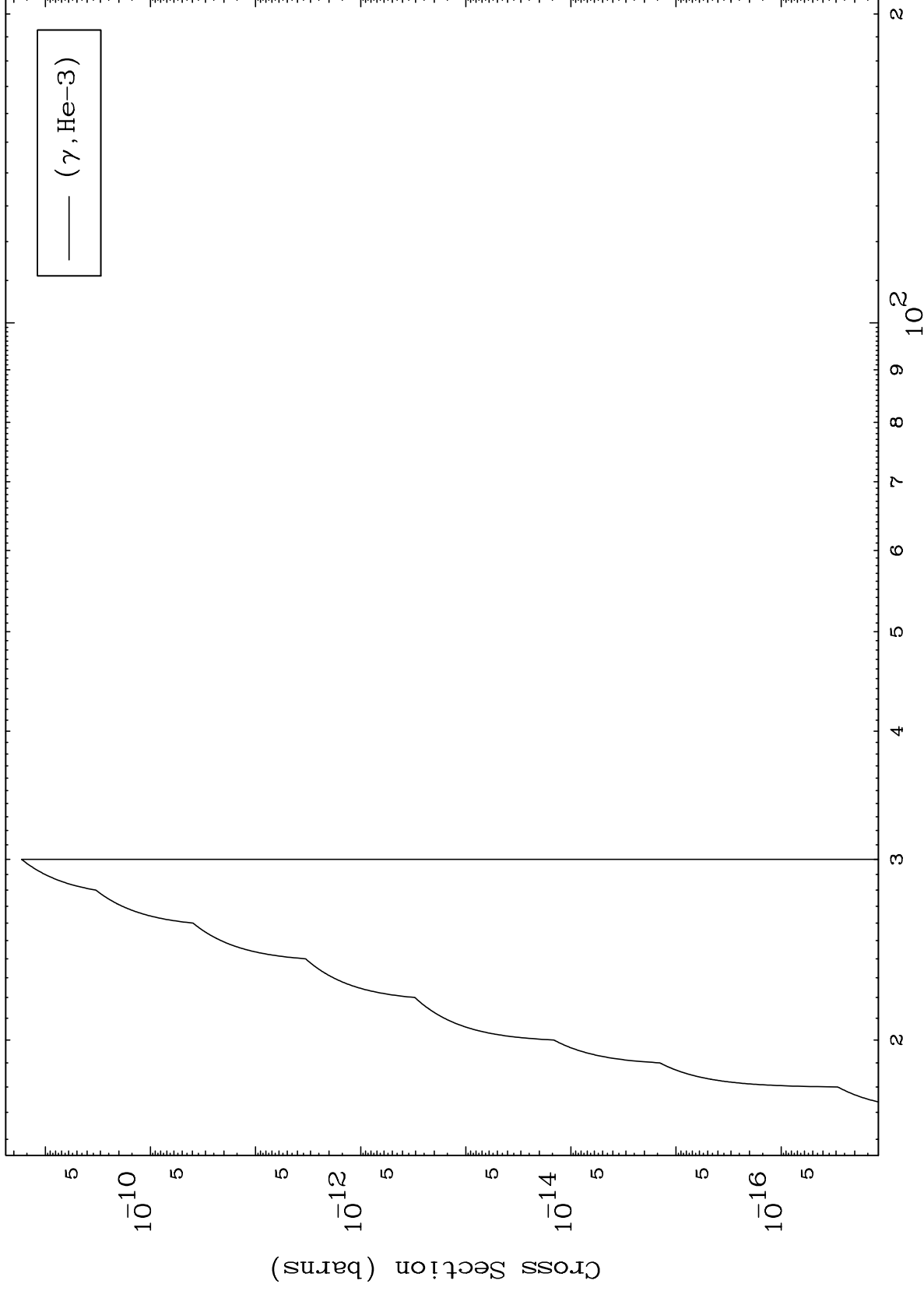
60-Nd-138



8

Incident Energy (MeV)

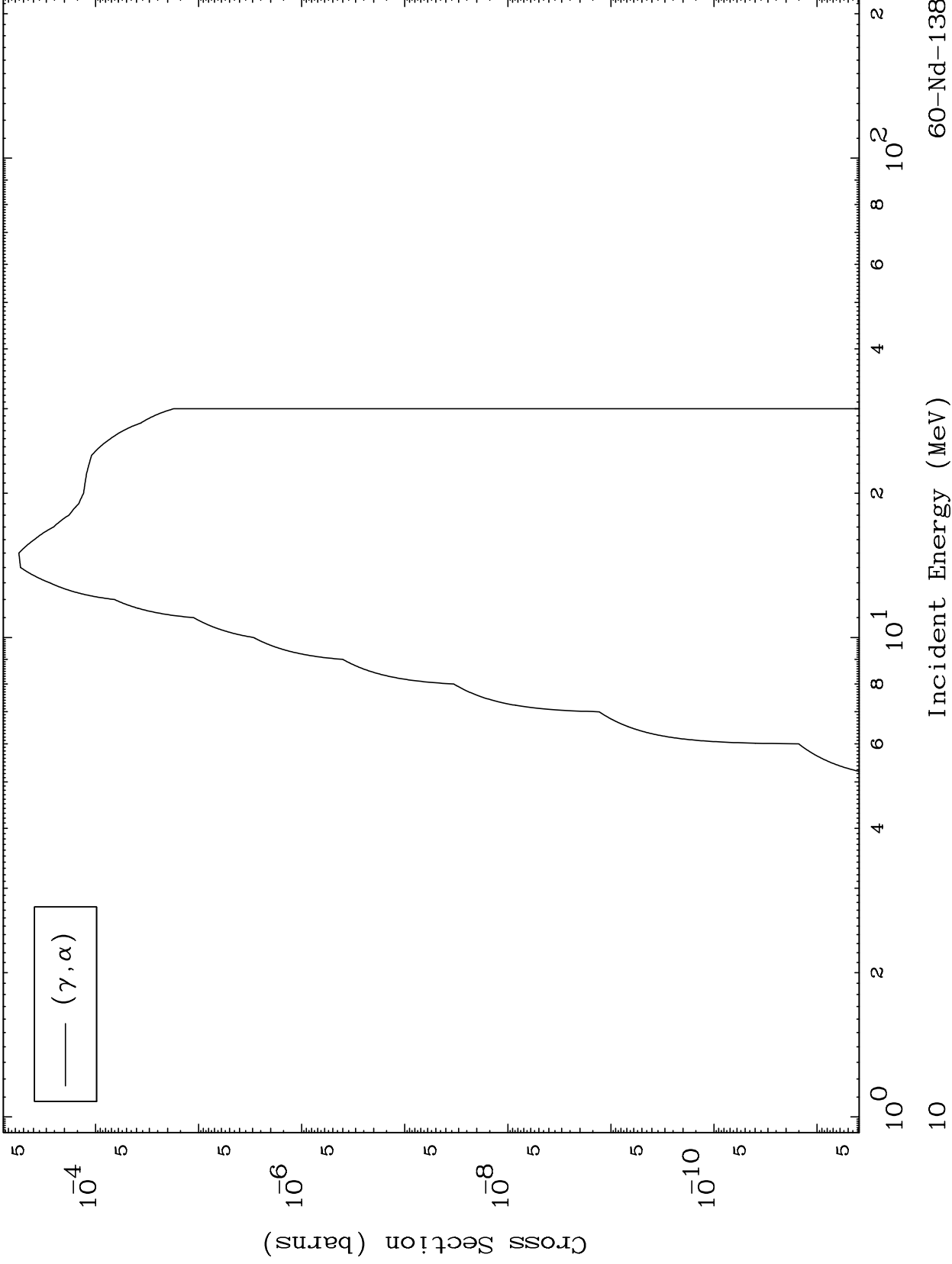
60-Nd-138



MAT 6013

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

60-Nd-138



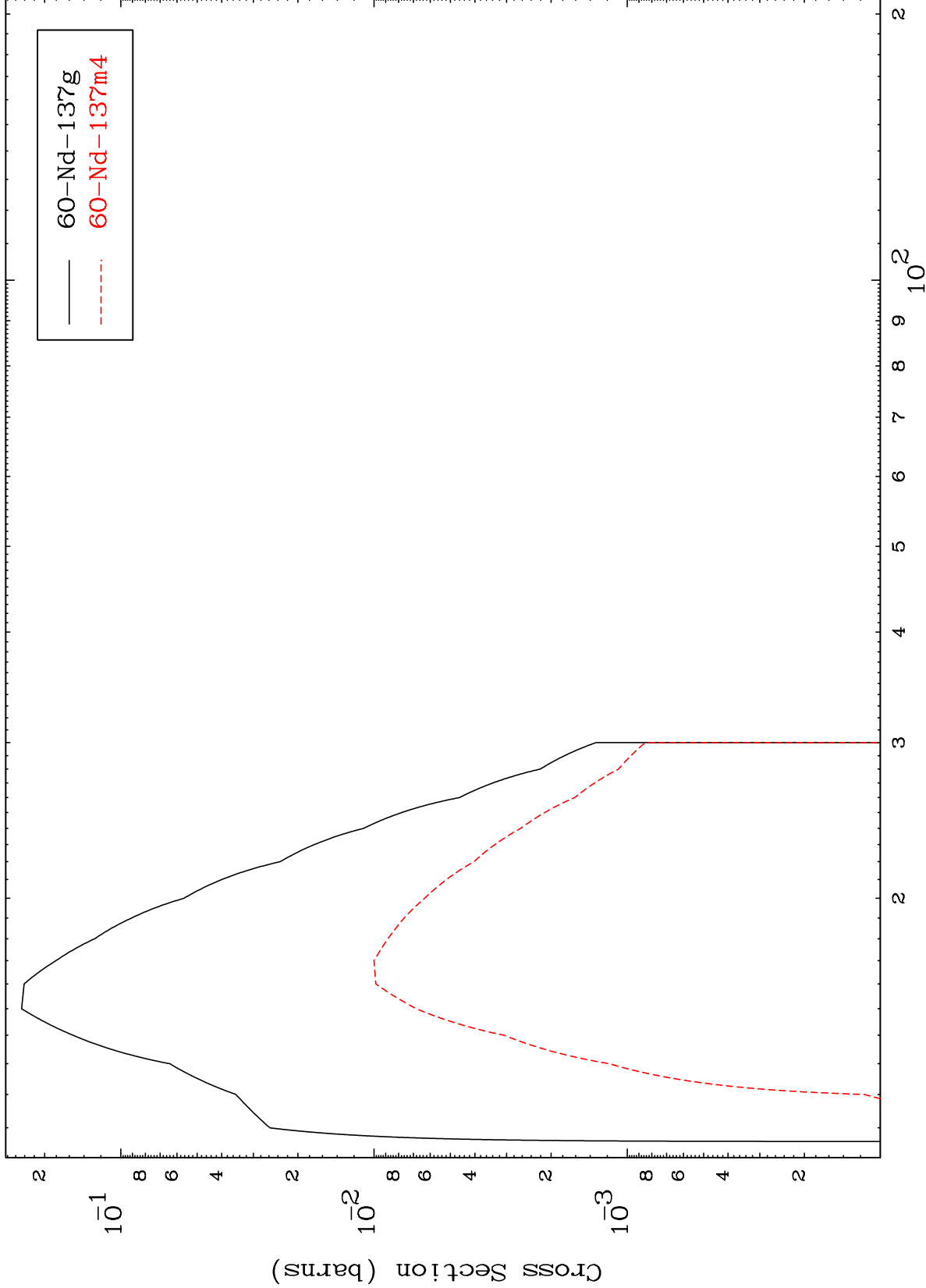
Incident Energy (MeV)

60-Nd-138

MAT 6013

Photon Inelastic  
Radionuclide Production Cross Section

60-Nd-138



60-Nd-137g  
60-Nd-137m4

11

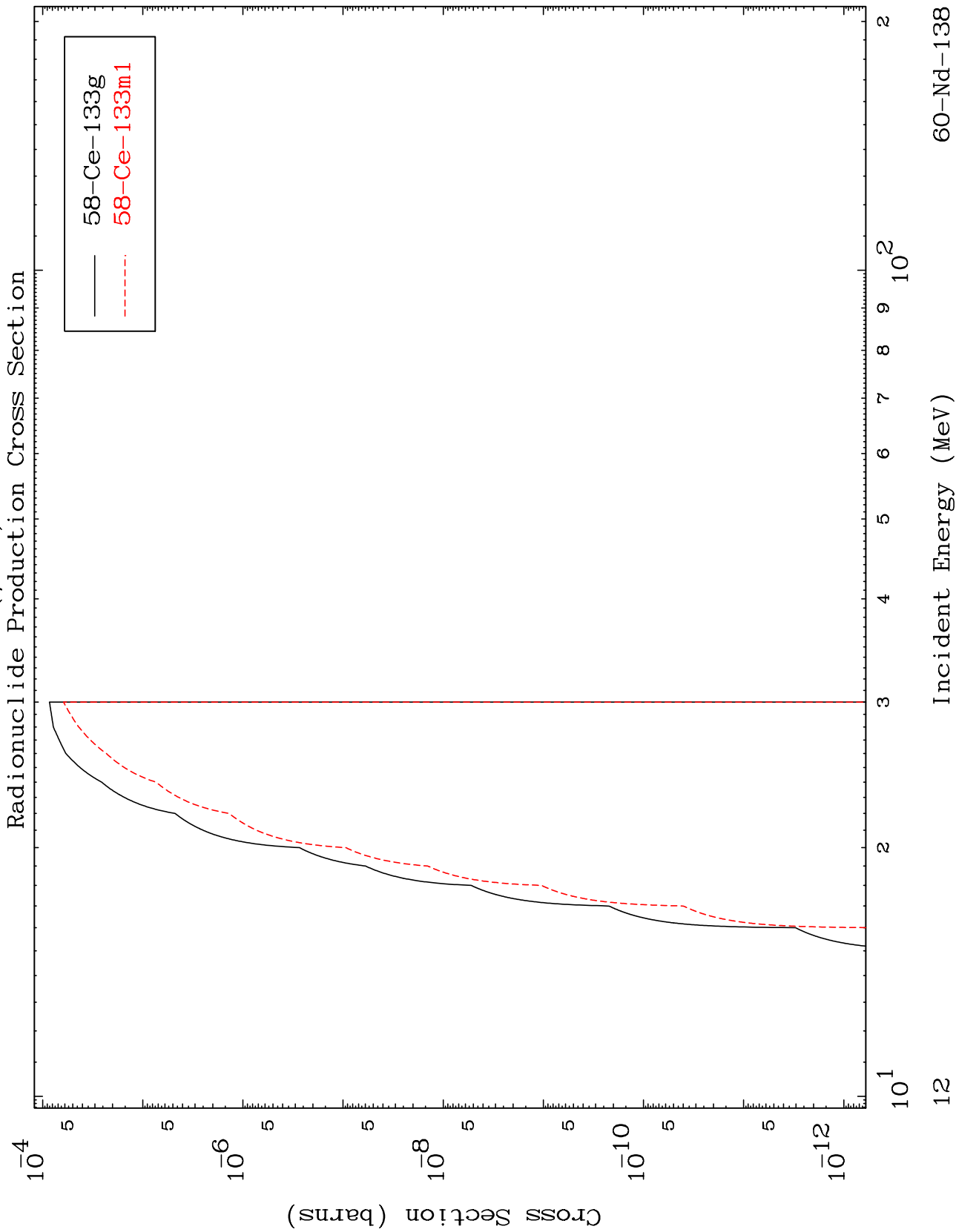
Incident Energy (MeV)

60-Nd-138

MAT 6013

$(\gamma, n')$   $\alpha$

60-Nd-138

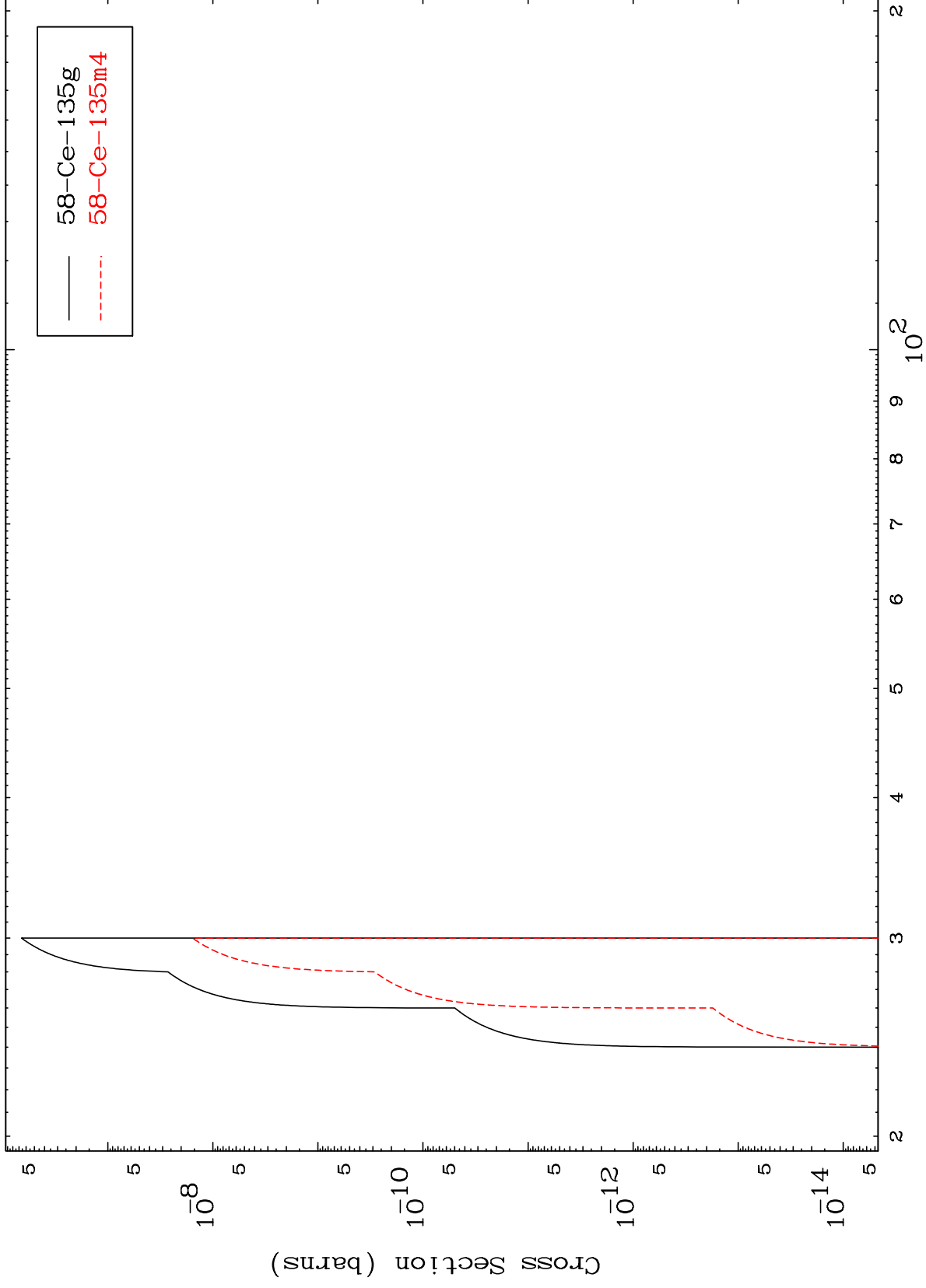


MAT 6013

( $\gamma, 2n$ ) p

60-Nd-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

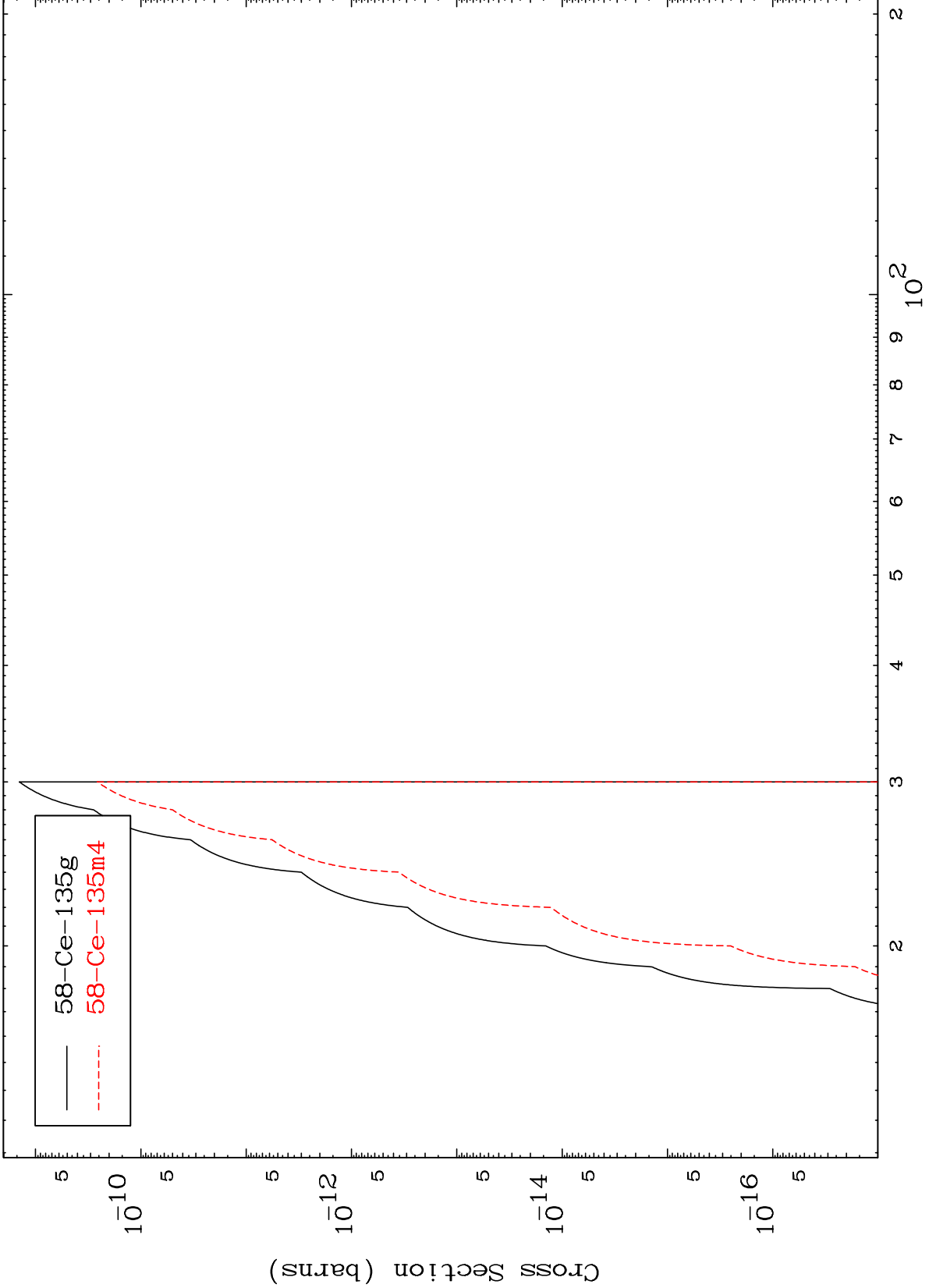
60-Nd-138

MAT 6013

( $\gamma, \text{He-3}$ )

60-Nd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

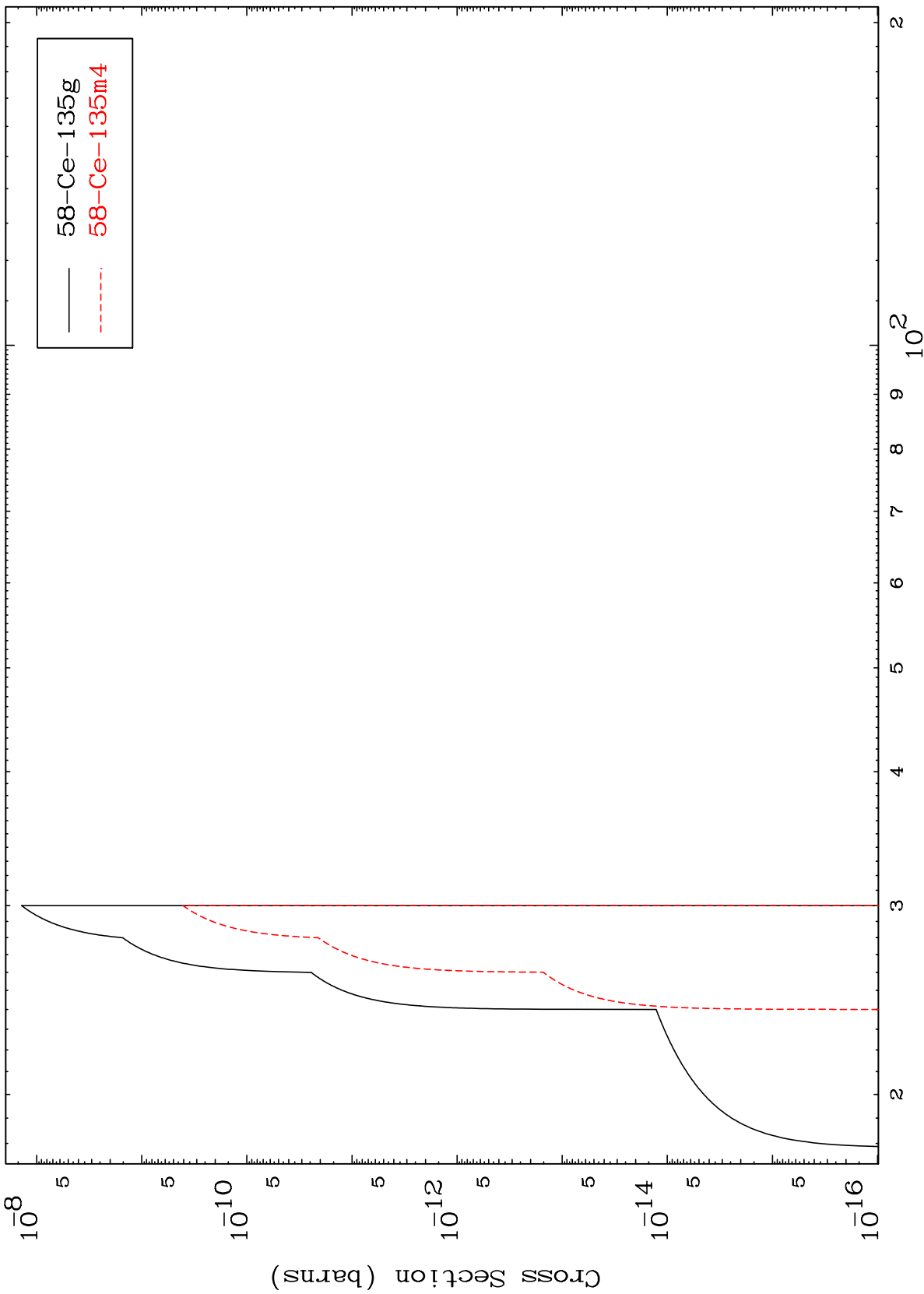
60-Nd-138

MAT 6013

( $\gamma, p$ ) d

60-Nd-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-138