

Program EVALPLOT  
(Version 2018-1)

by

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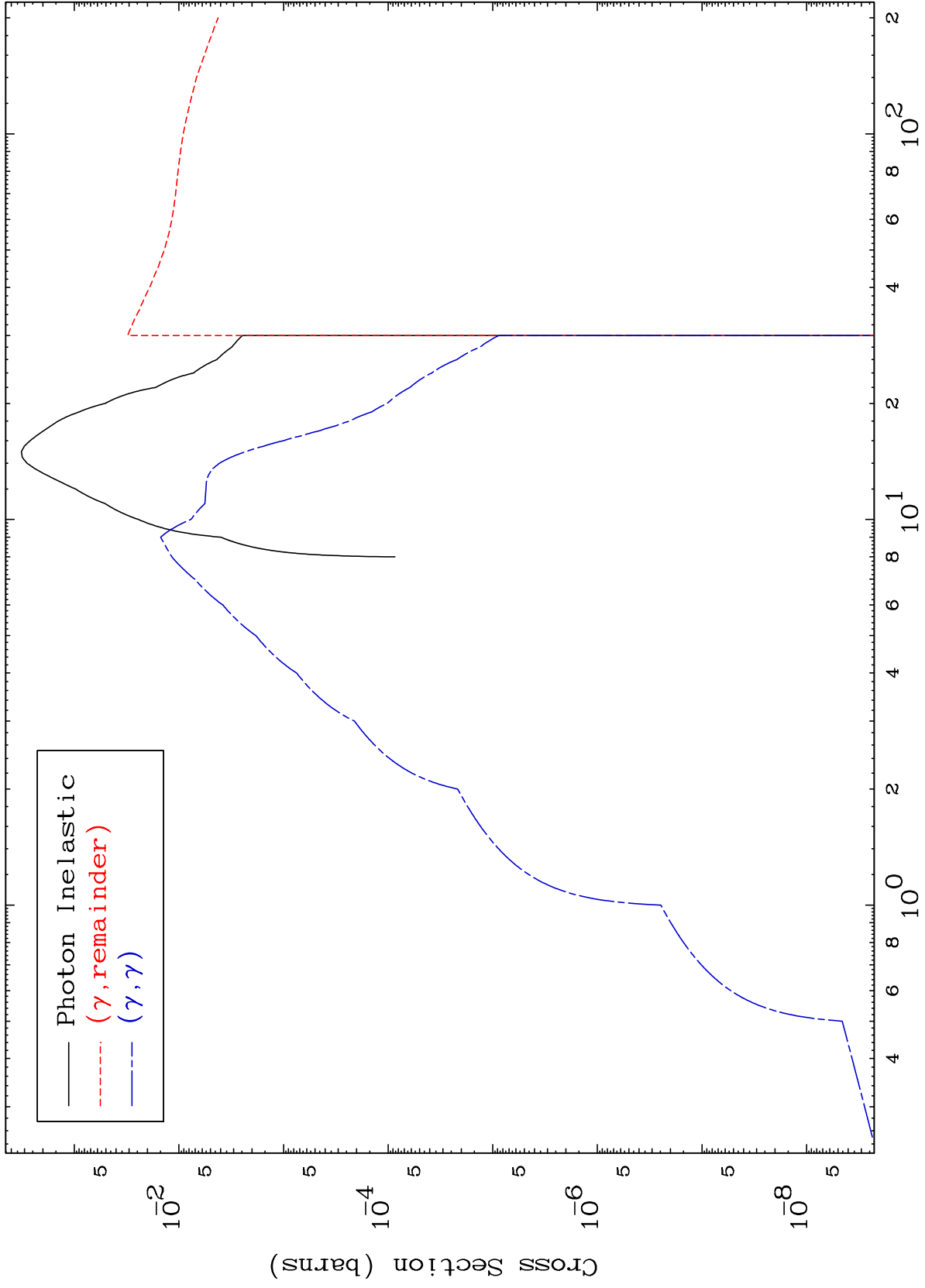
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6023

Photon Major  
0 Kelvin Cross Sections

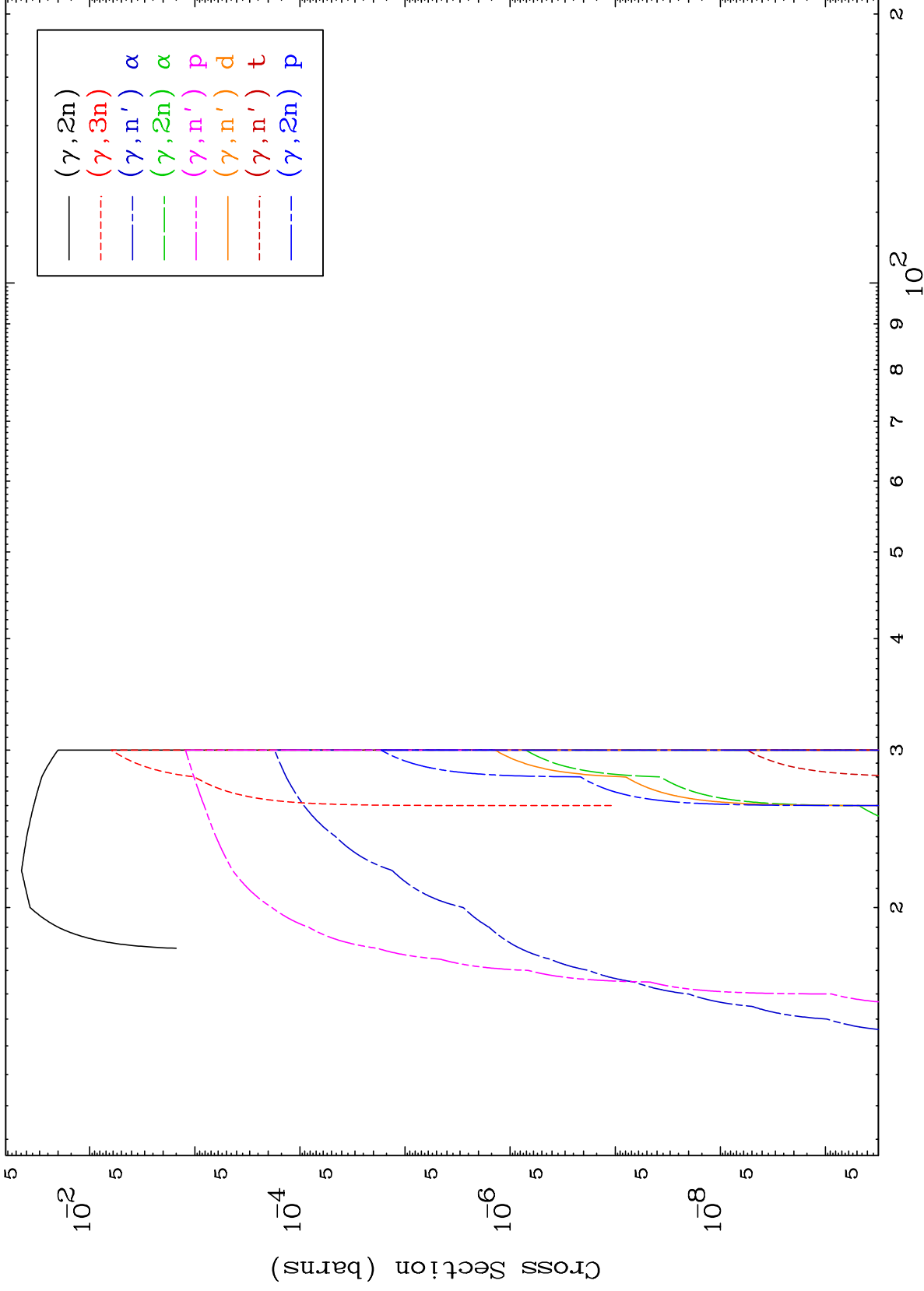
60-Nd-141

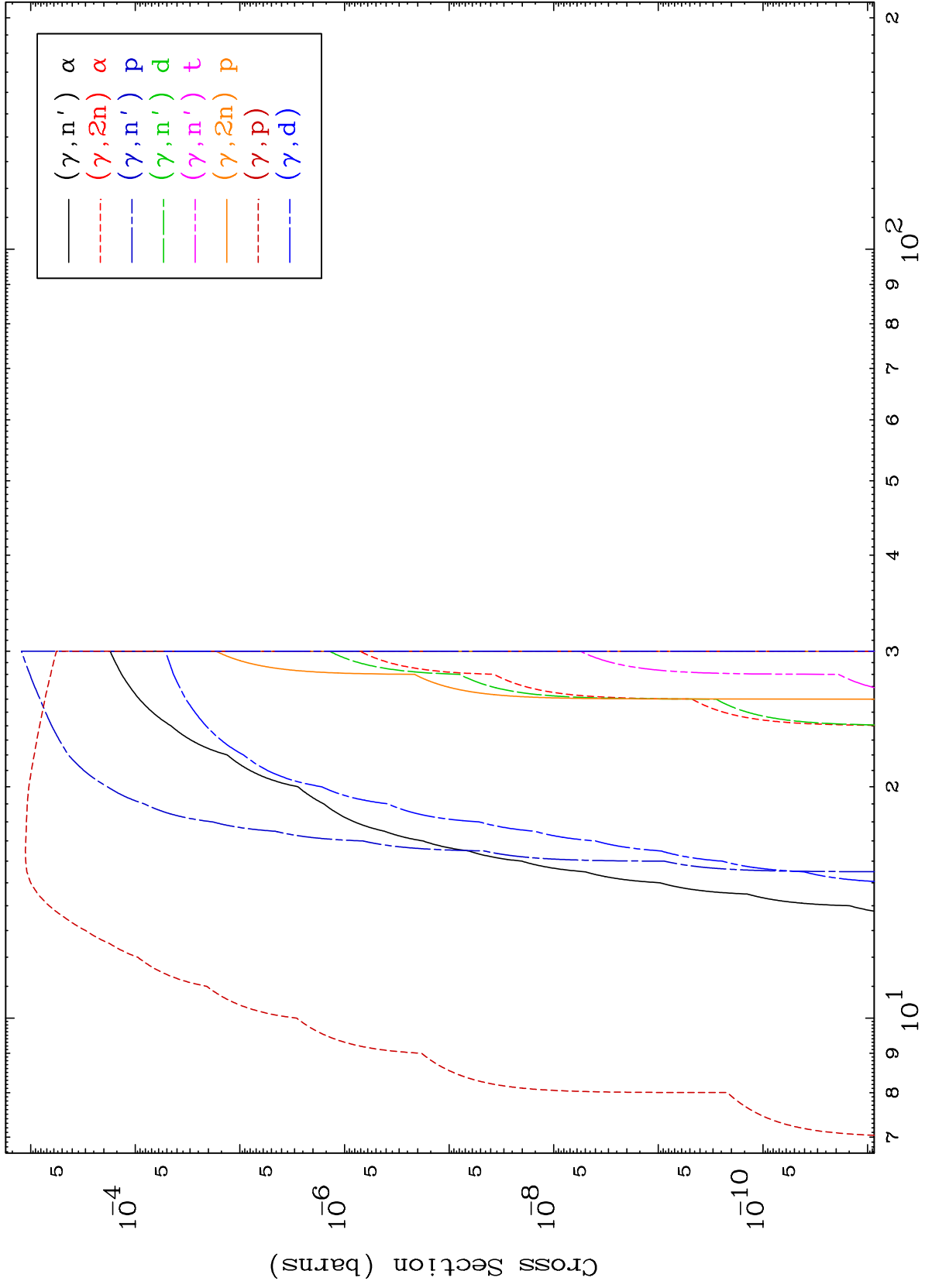


60-Nd-141

Incident Energy (MeV)

1

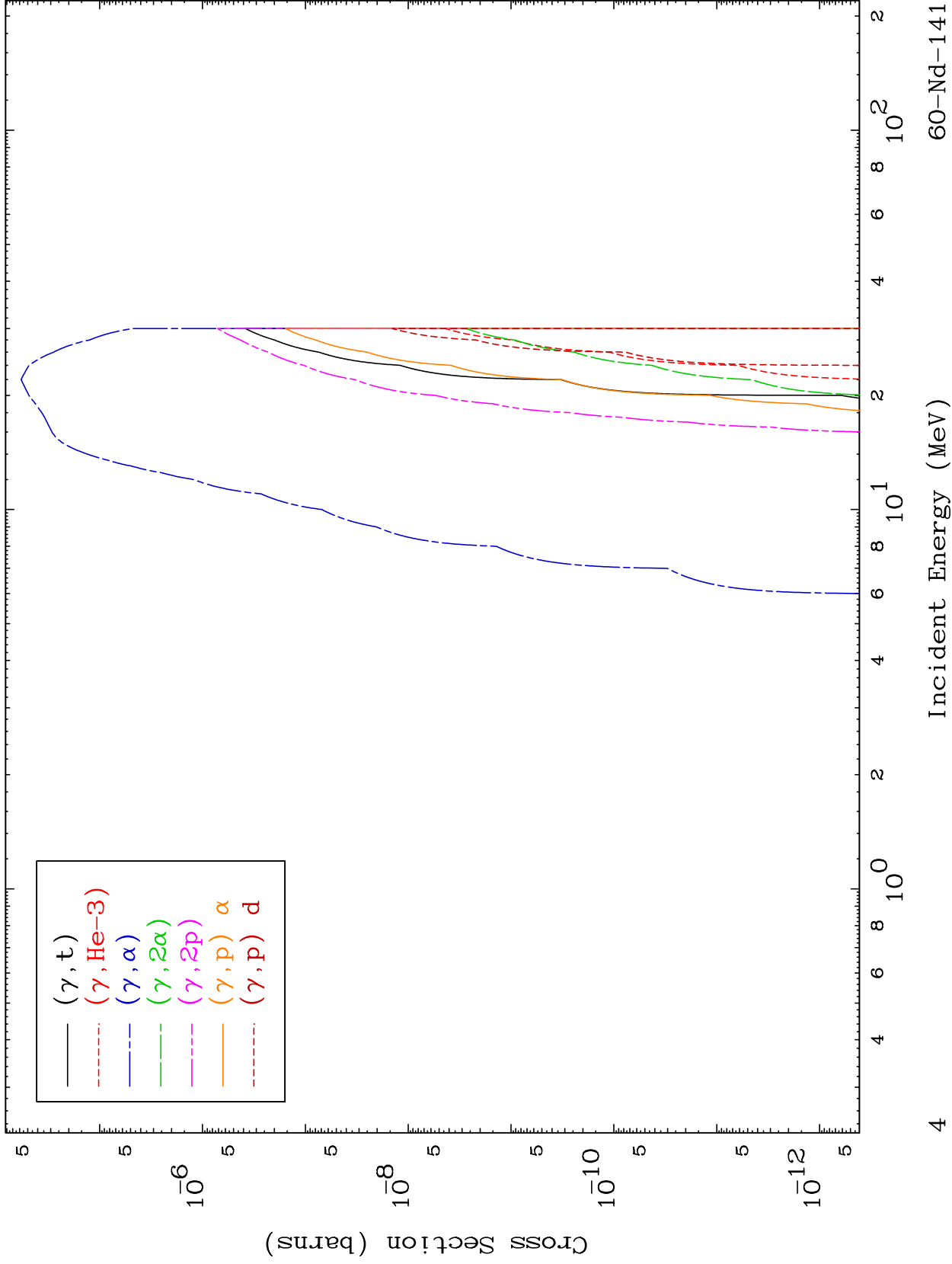




MAT 6023

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-141

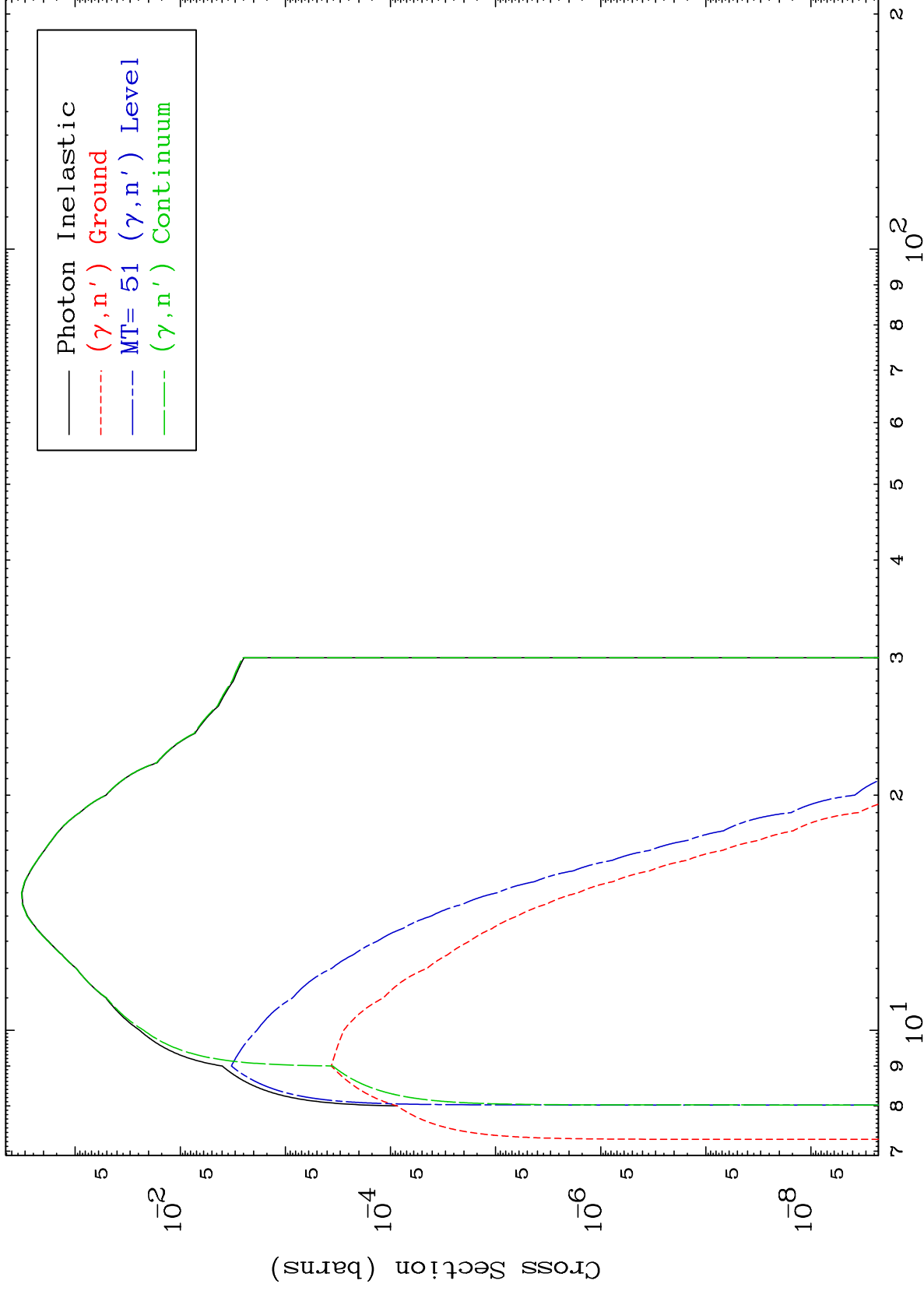


MAT 6023

$(\gamma, n')$  Level

60-Nd-141

0 Kelvin Cross Sections



Incident Energy (MeV)

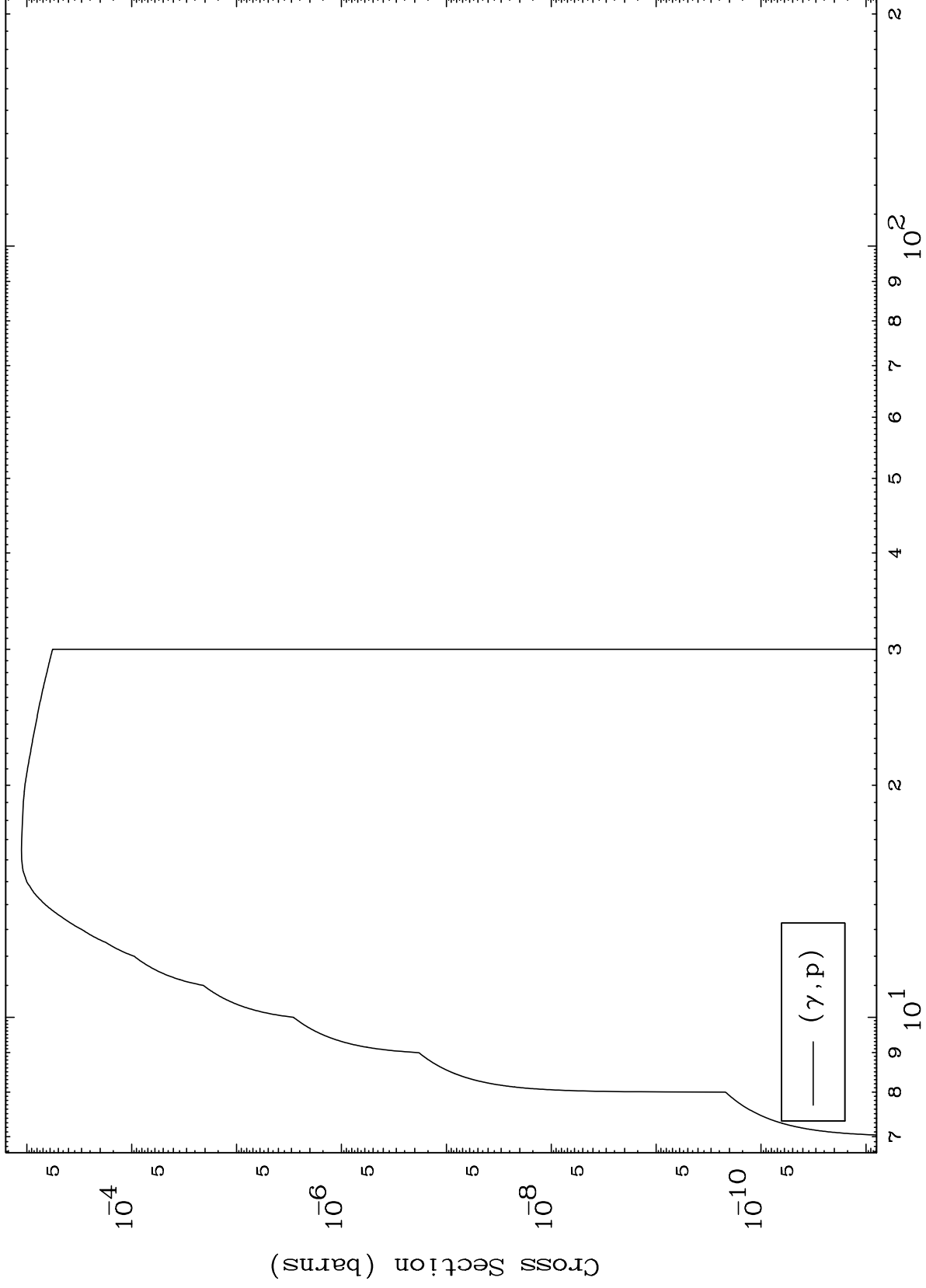
60-Nd-141

5

MAT 6023

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

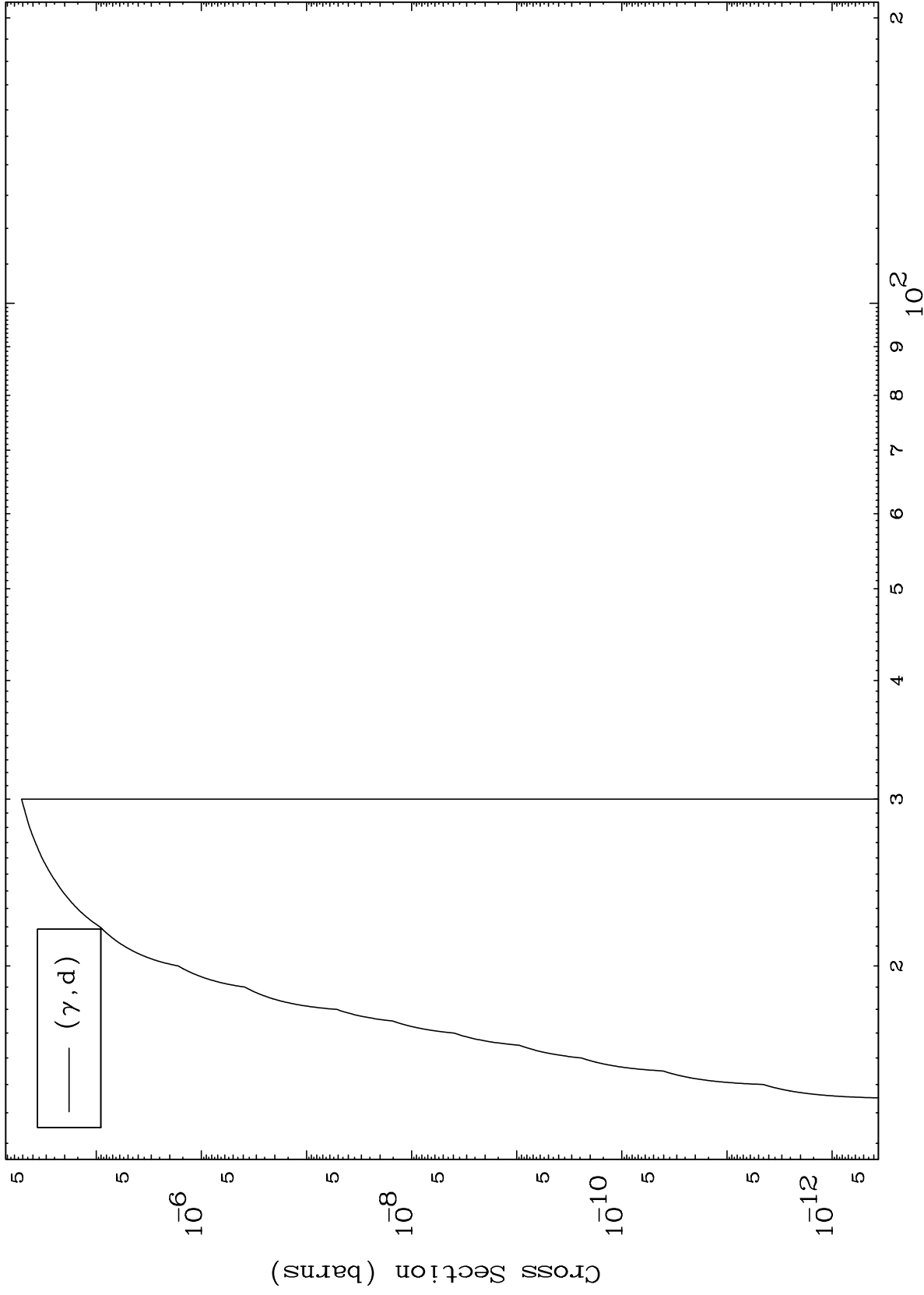
60-Nd-141



6

Incident Energy (MeV)

60-Nd-141

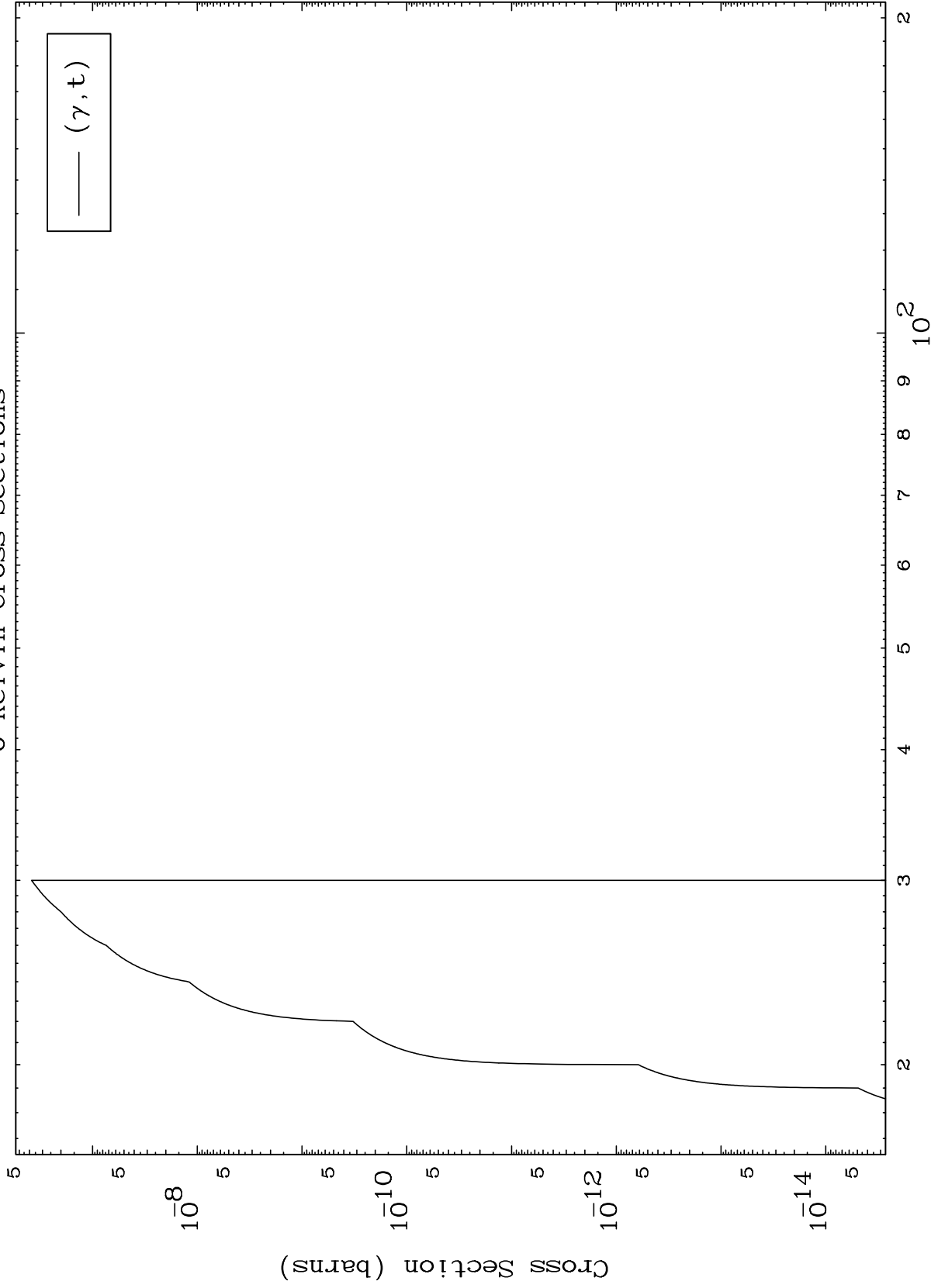




MAT 6023

60-Nd-141

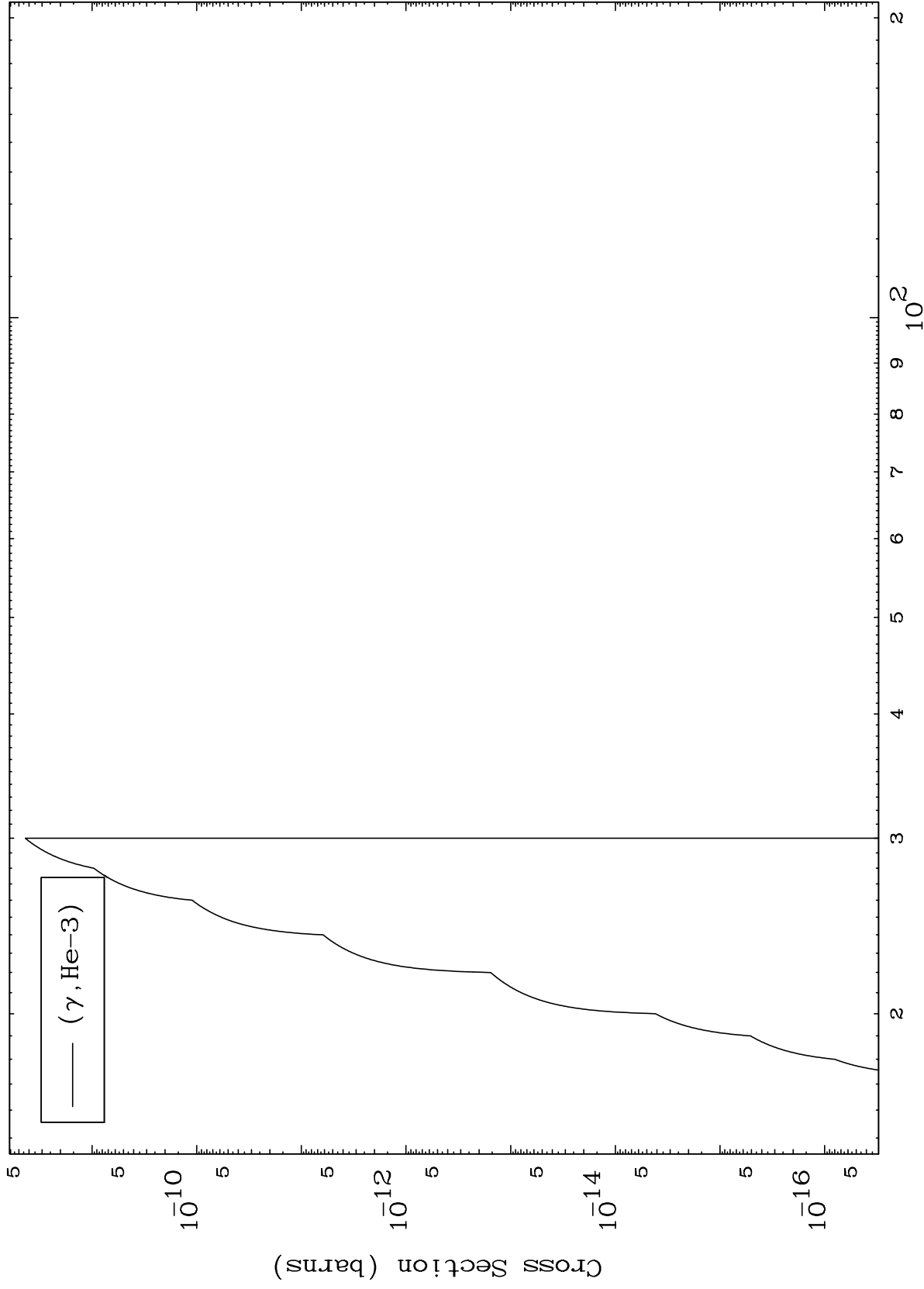
( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

60-Nd-141

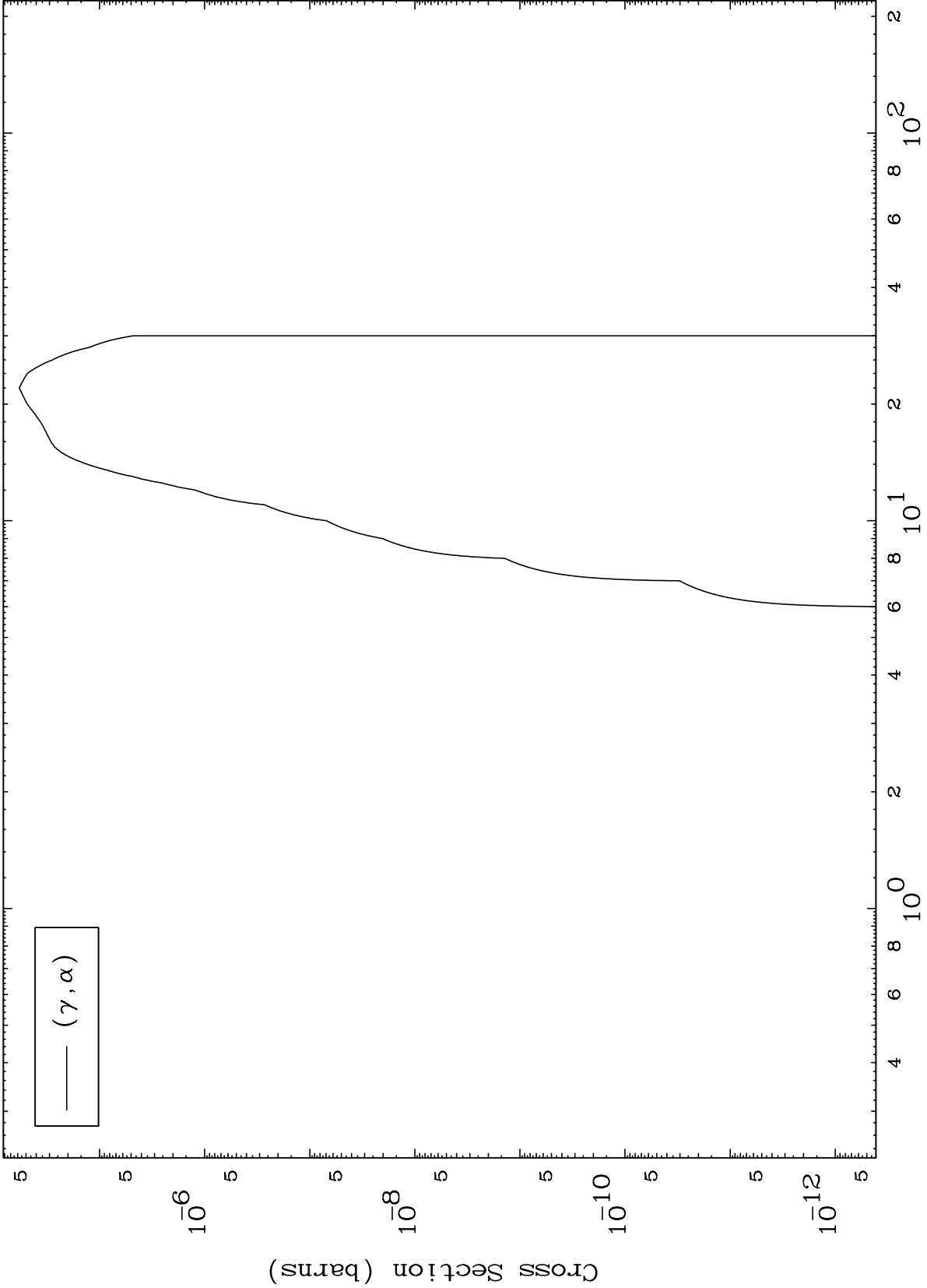


MAT 6023

( $\gamma, \alpha$ ) Levels

60-Nd-141

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

10

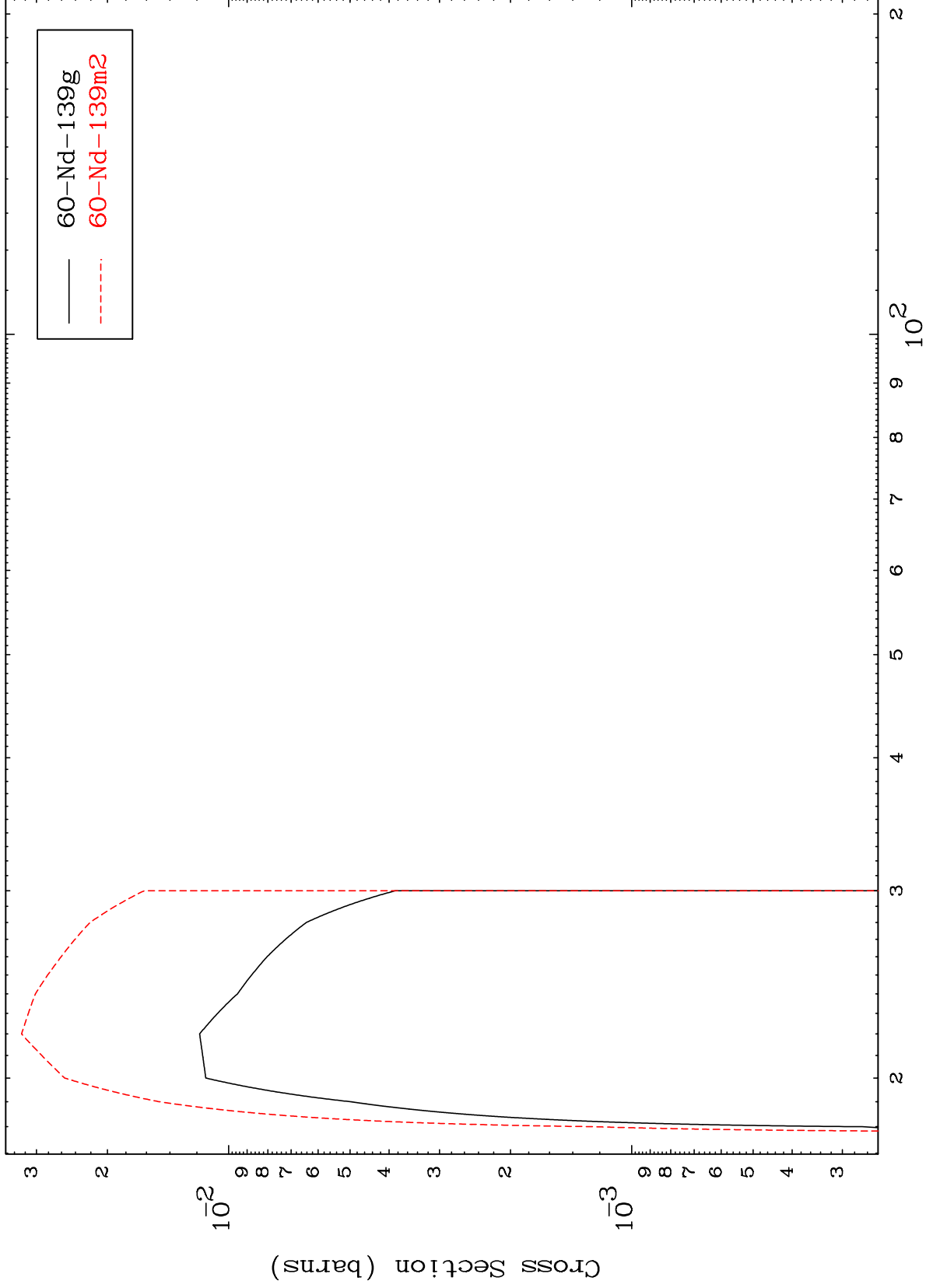
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

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



11

Incident Energy (MeV)

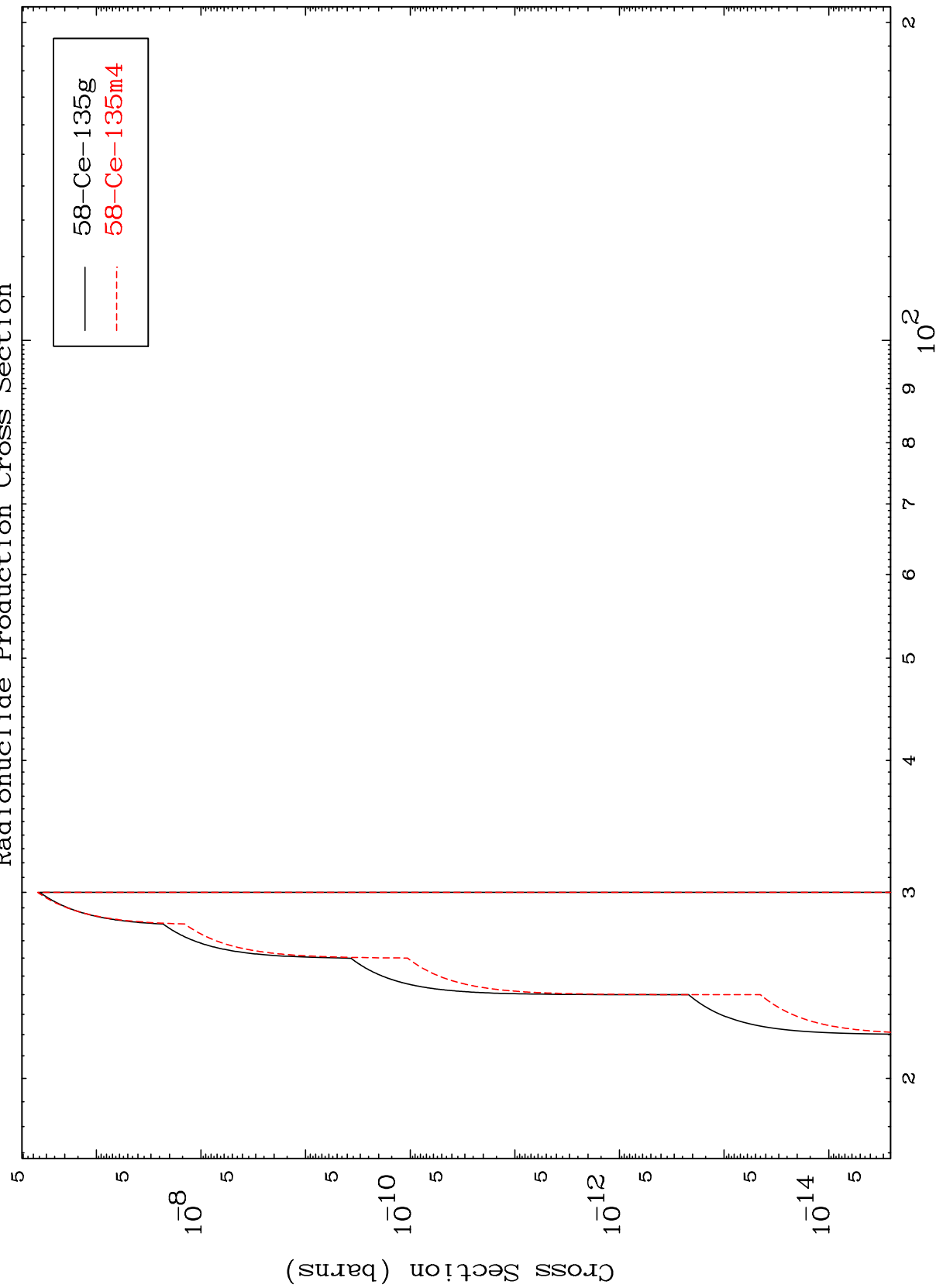
60-Nd-141

MAT 6023

$(\gamma, 2n) \alpha$

60-Nd-141

Radionuclide Production Cross Section



12

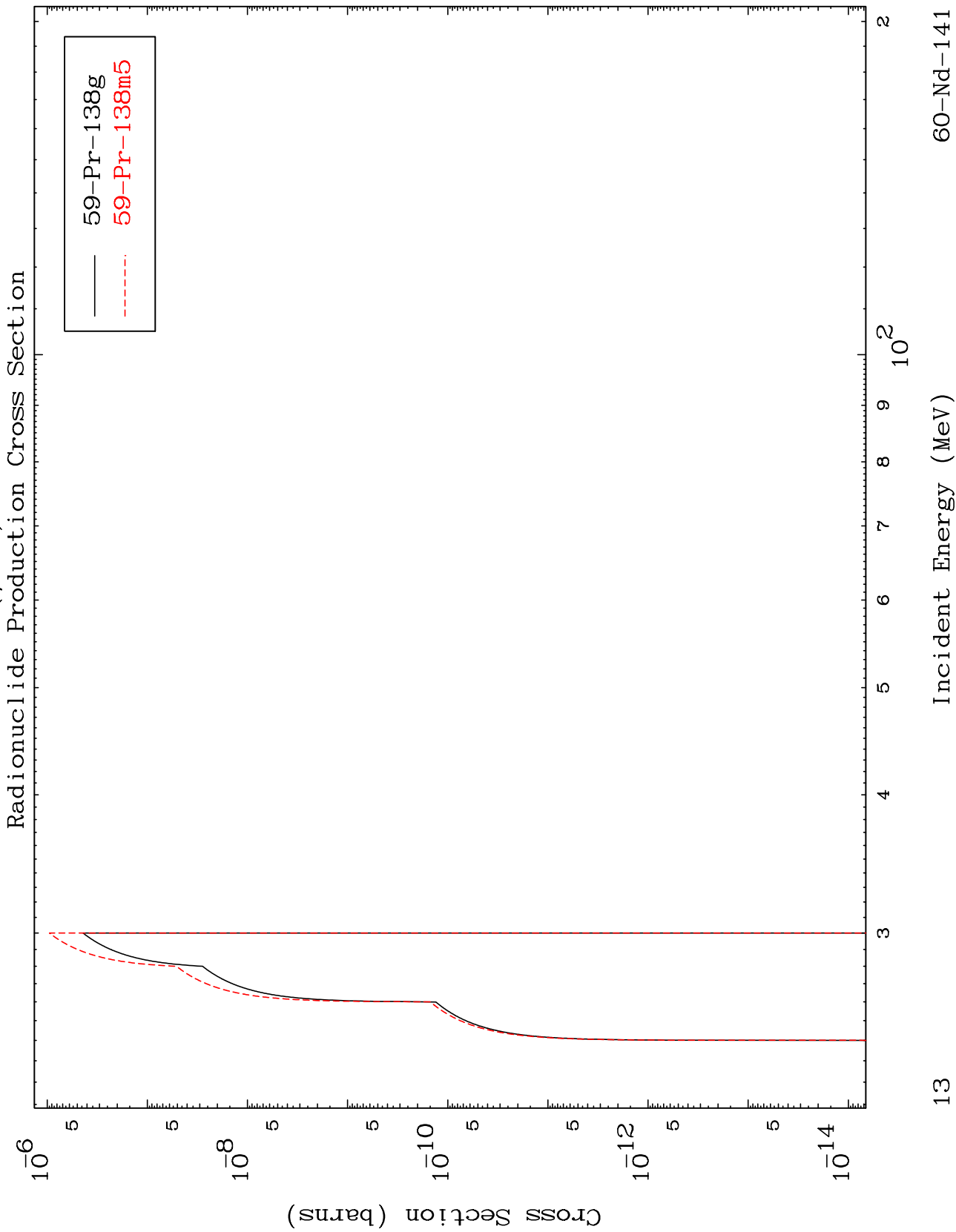
Incident Energy (MeV)

60-Nd-141

MAT 6023

$(\gamma, n')$  d

60-Nd-141



13

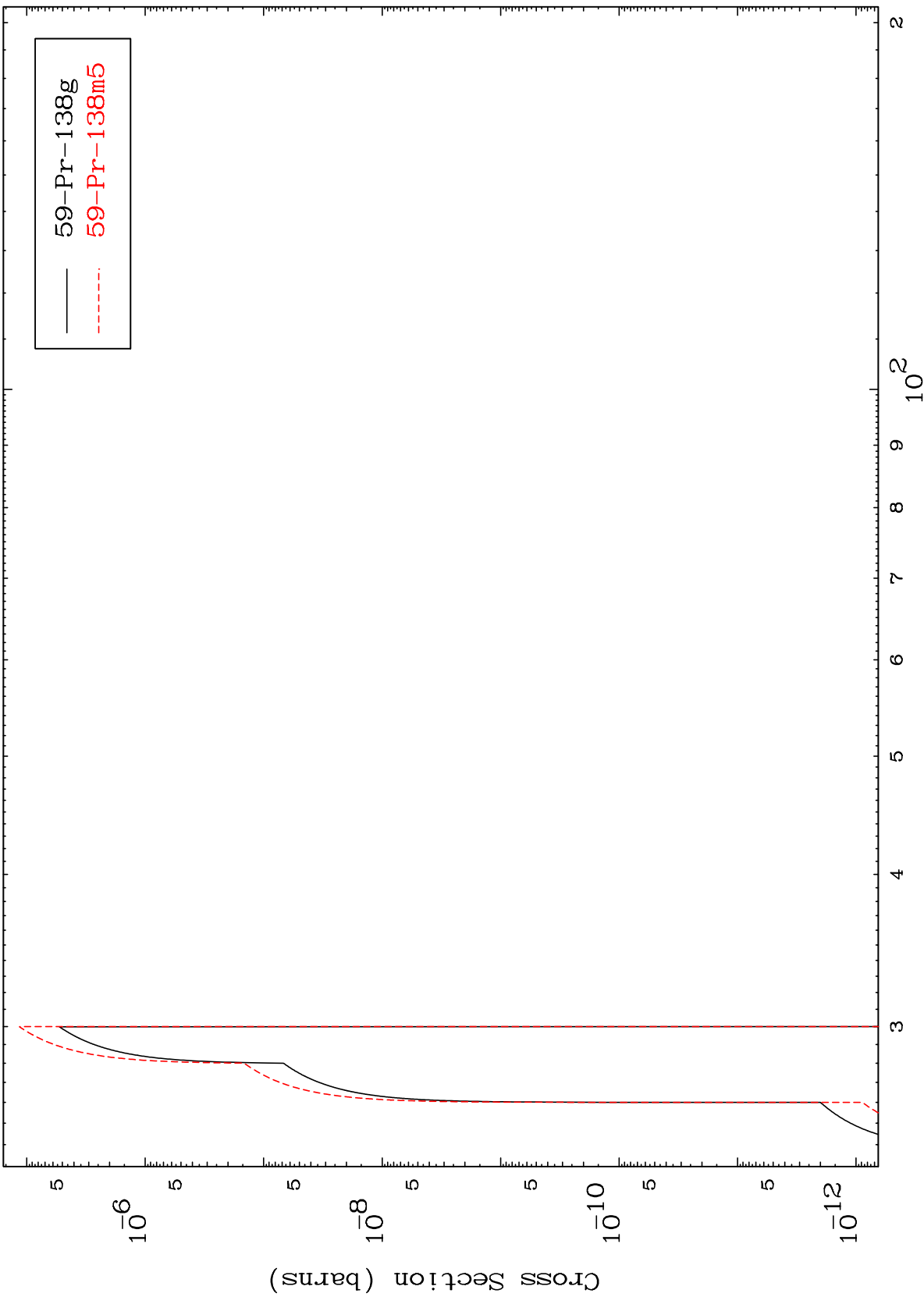
60-Nd-141

MAT 6023

$(\gamma, 2n)$  p

60-Nd-141

Radionuclide Production Cross Section



14

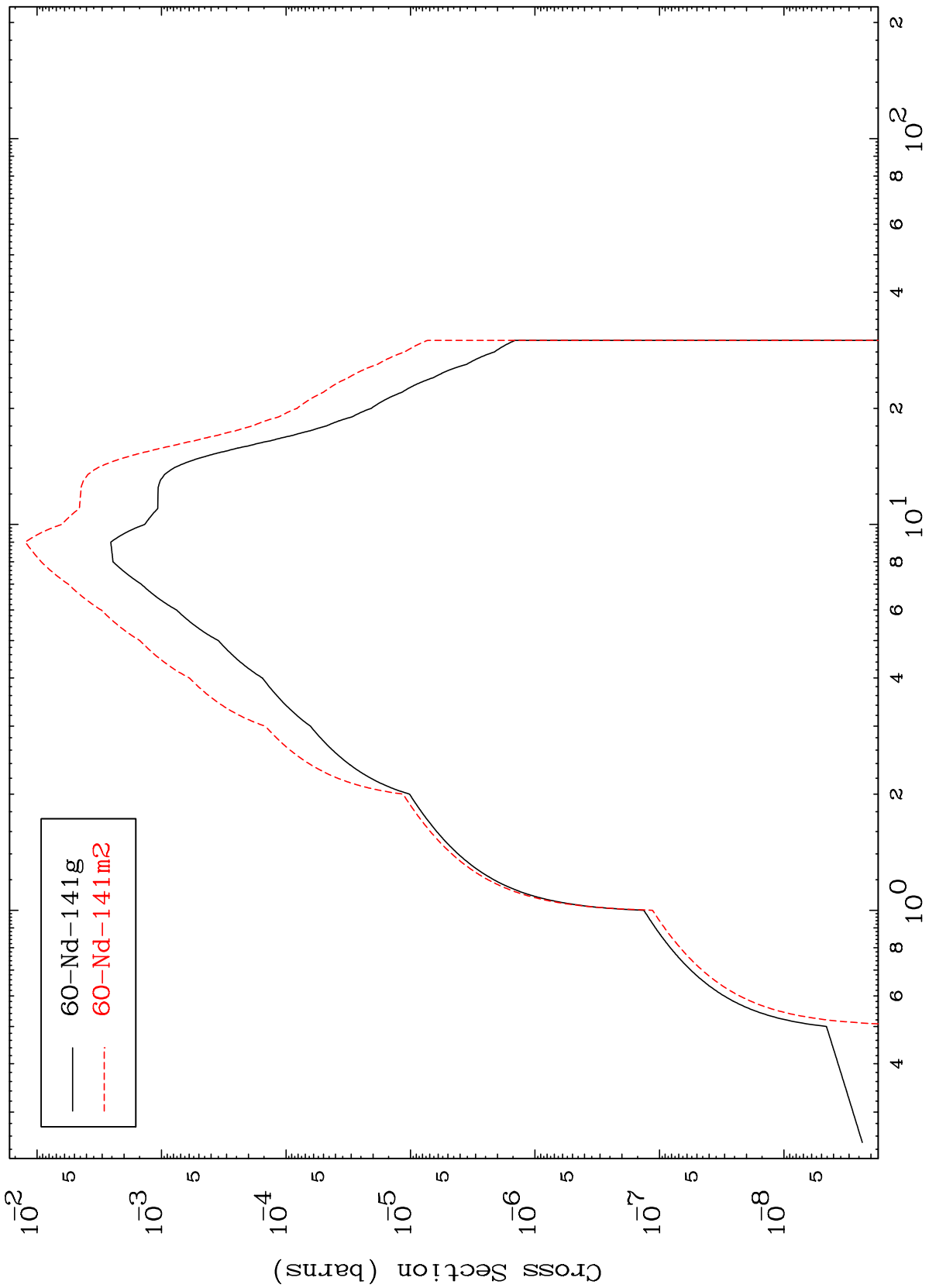
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

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



60-Nd-141 g  
60-Nd-141 m2

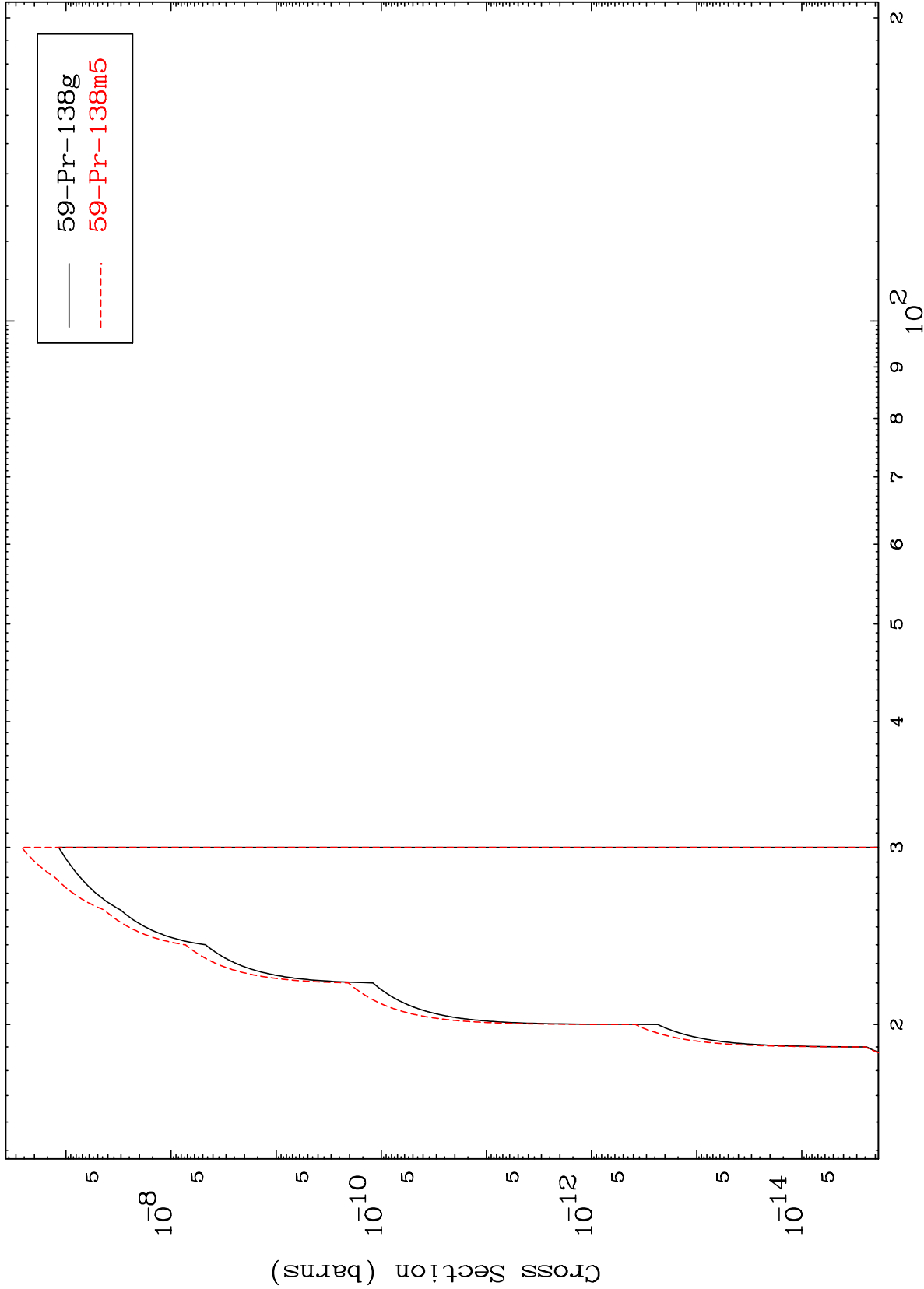
60-Nd-141

Incident Energy (MeV)

15



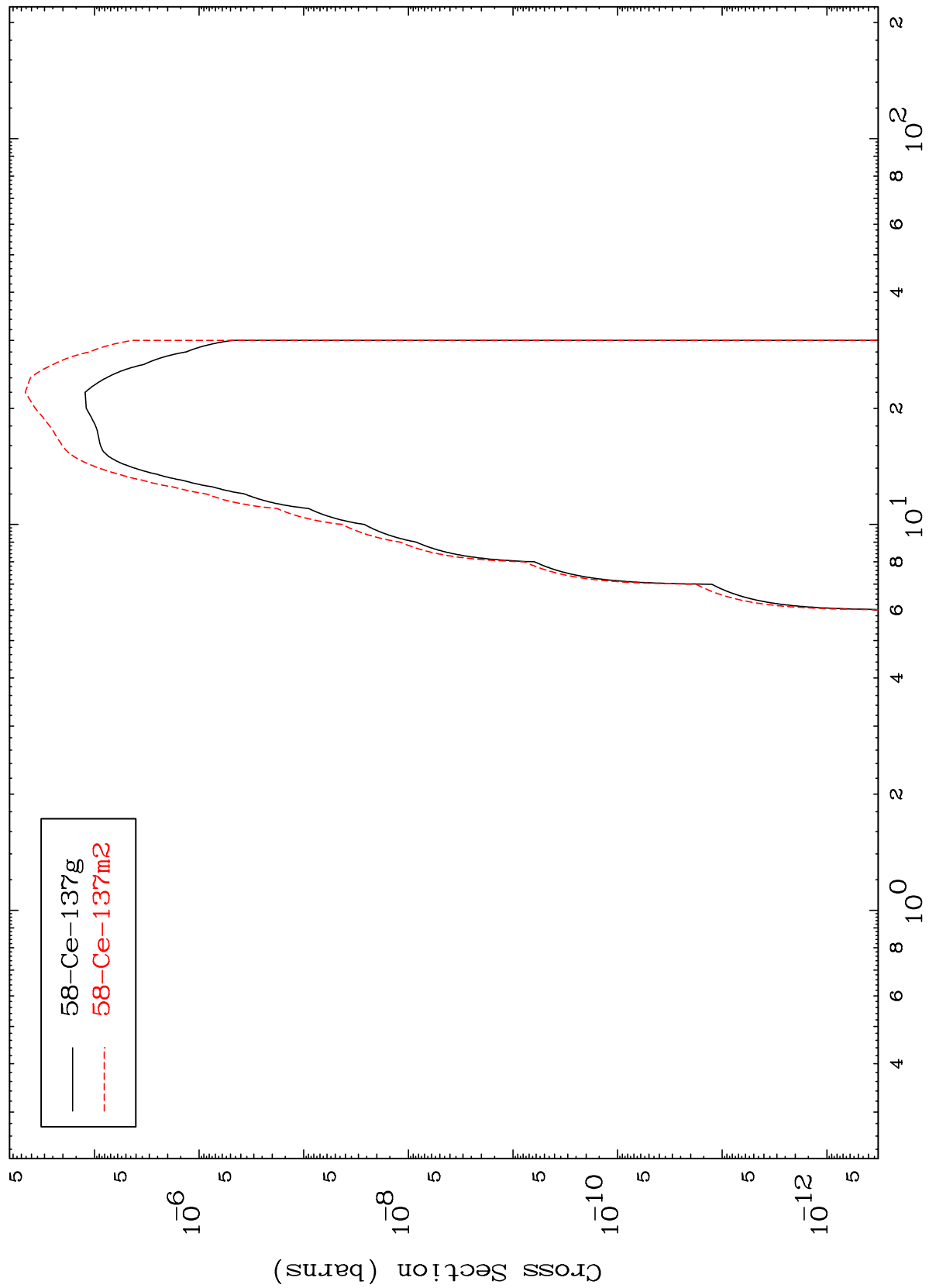
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 6023

60-Nd-141

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



60-Nd-141

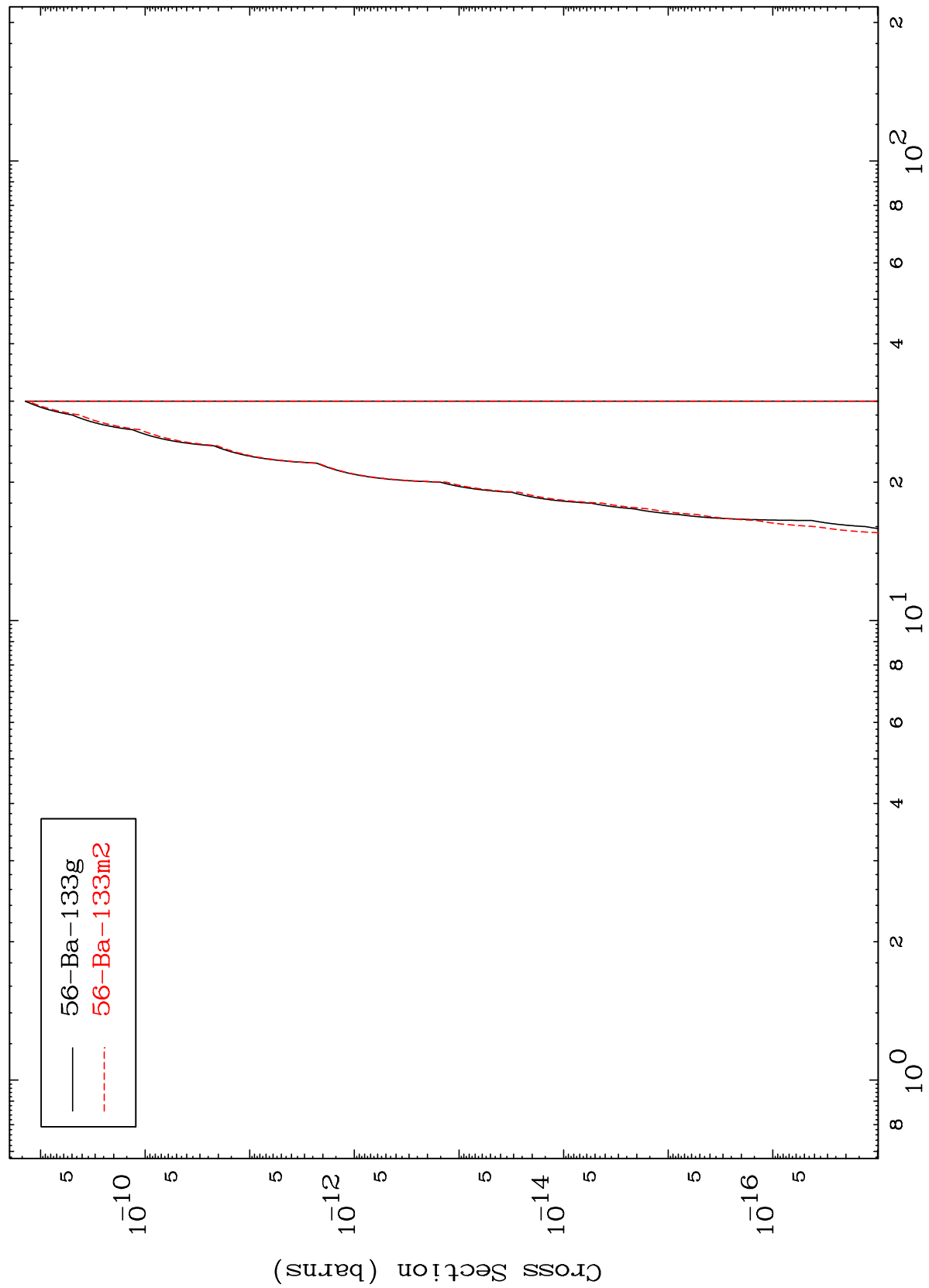
Incident Energy (MeV)

17

MAT 6023

60-Nd-141

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



56-Ba-133g  
56-Ba-133m2

18

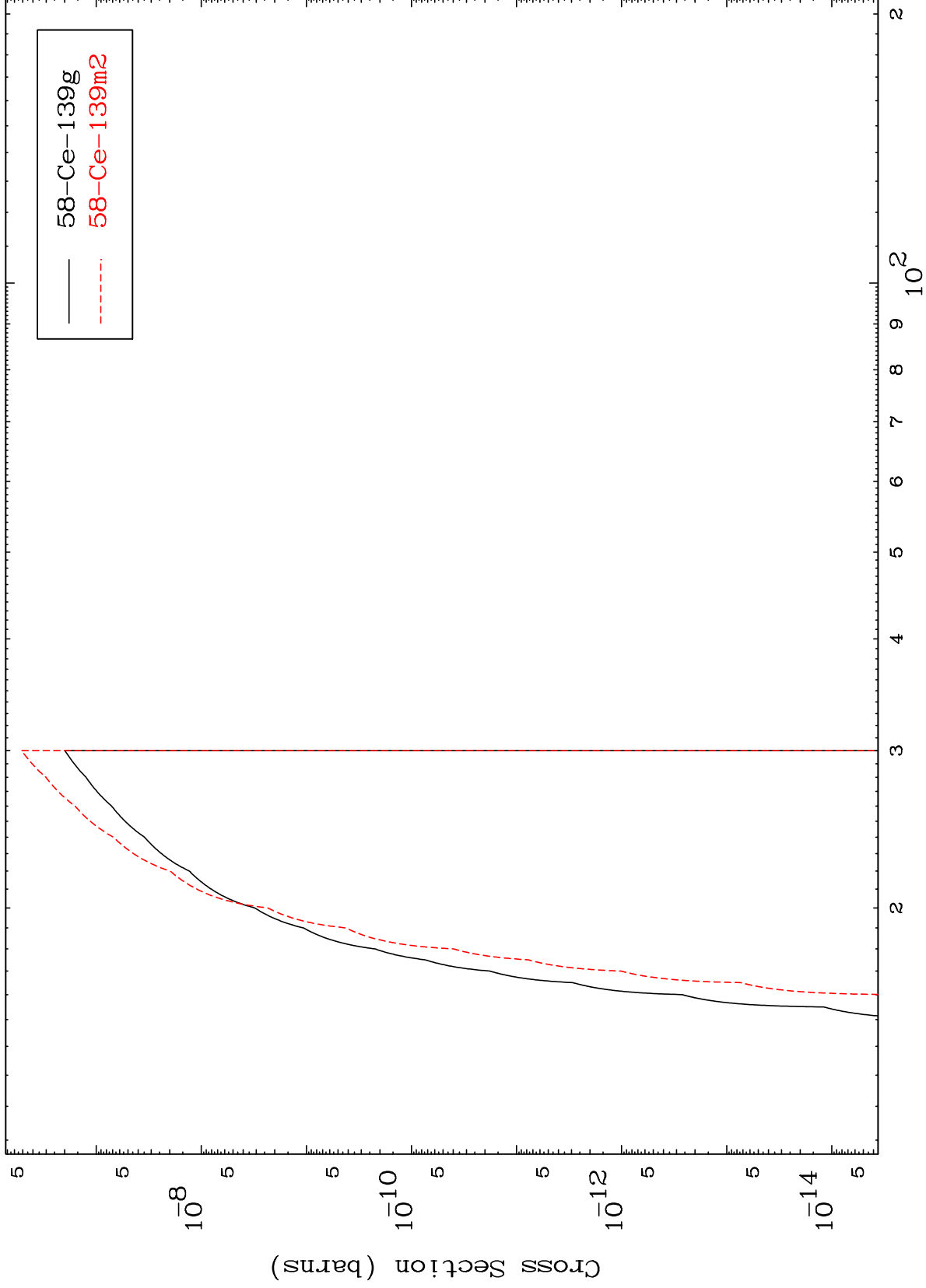
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

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



60-Nd-141

Incident Energy (MeV)

19