

Program EVALPLOT  
(Version 2017-1)

by

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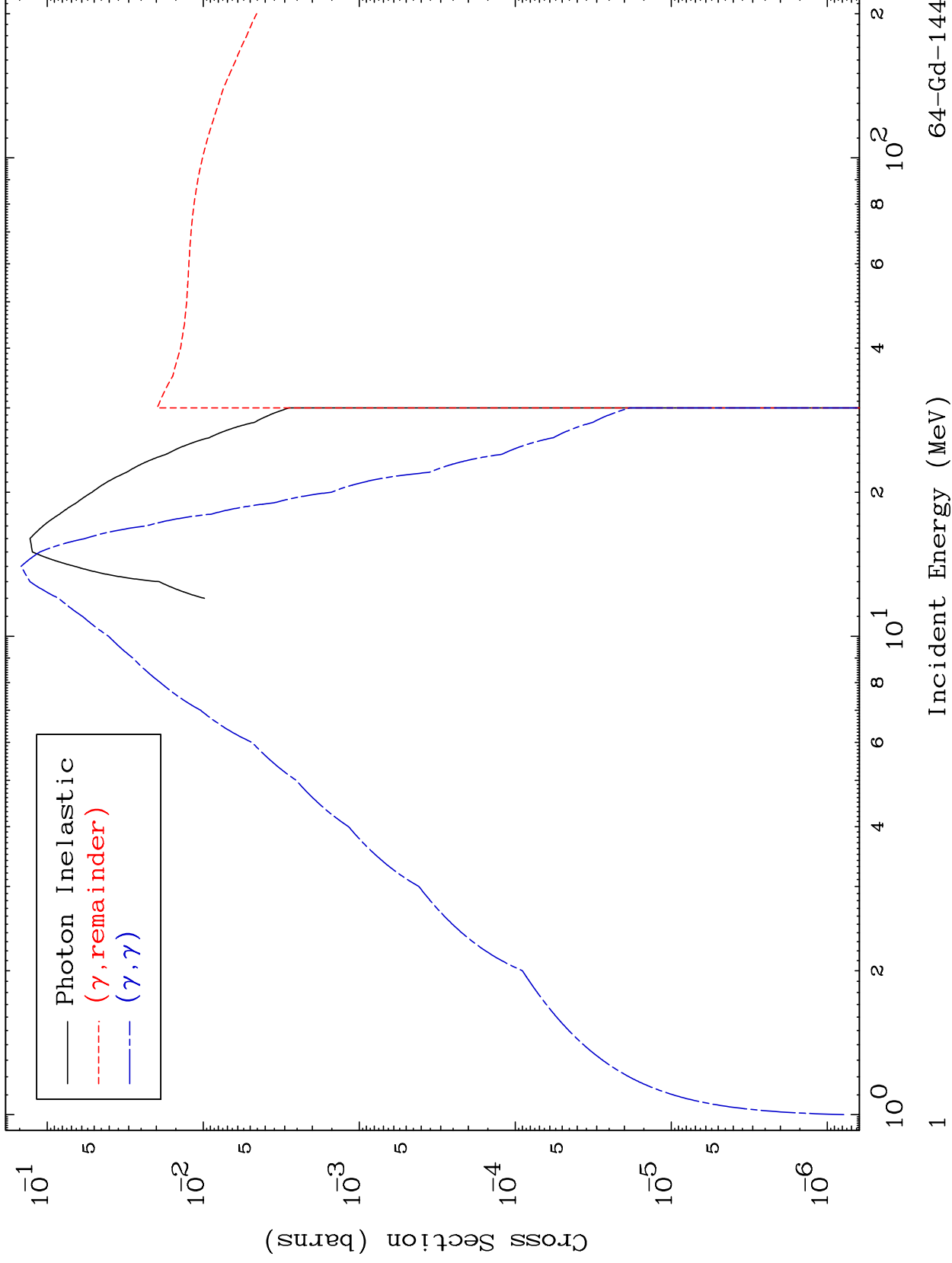
Press Mouse Button to Start

MAT 6401

Photon Major

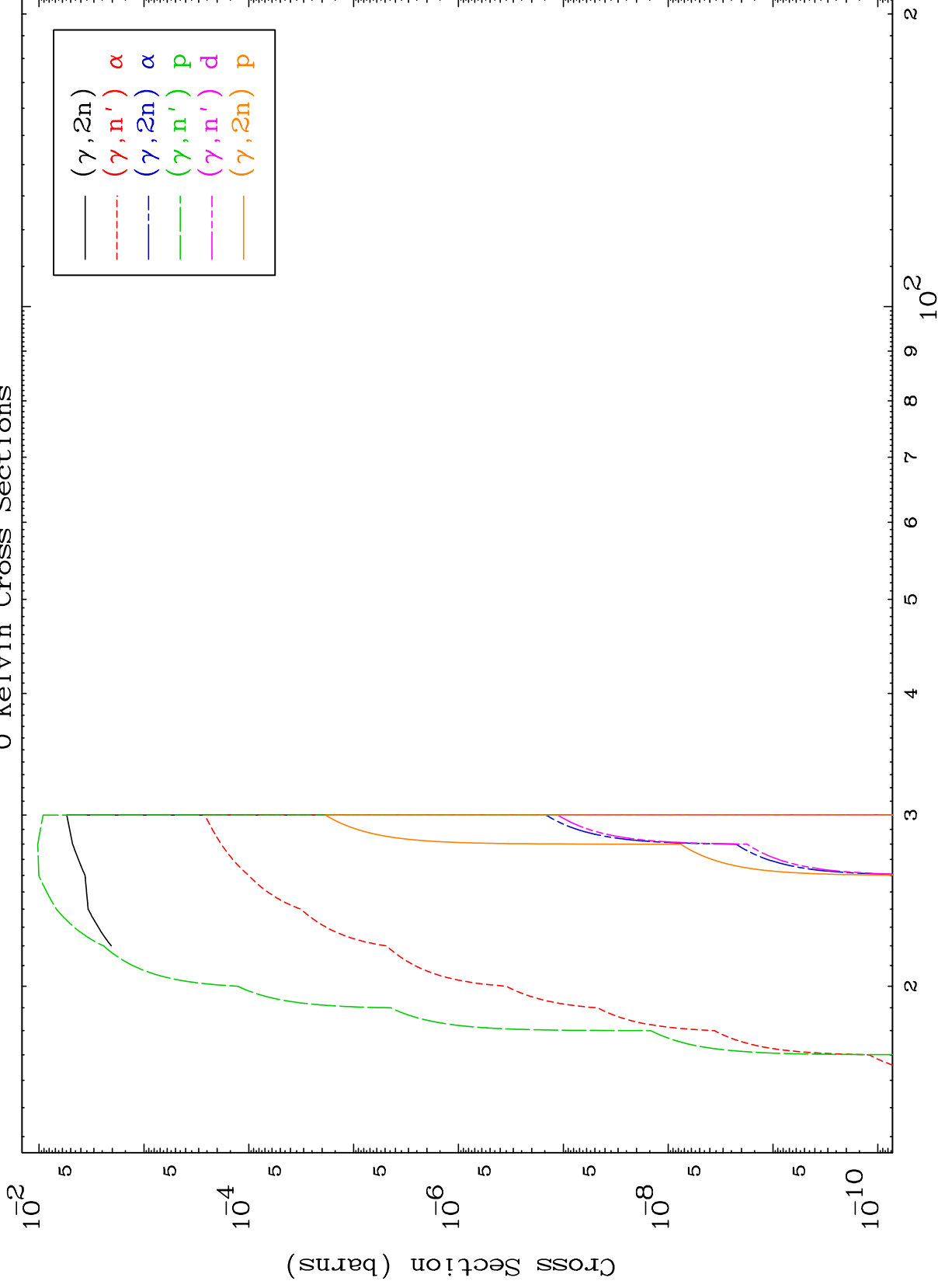
64-Gd-144

0 Kelvin Cross Sections



64-Gd-144

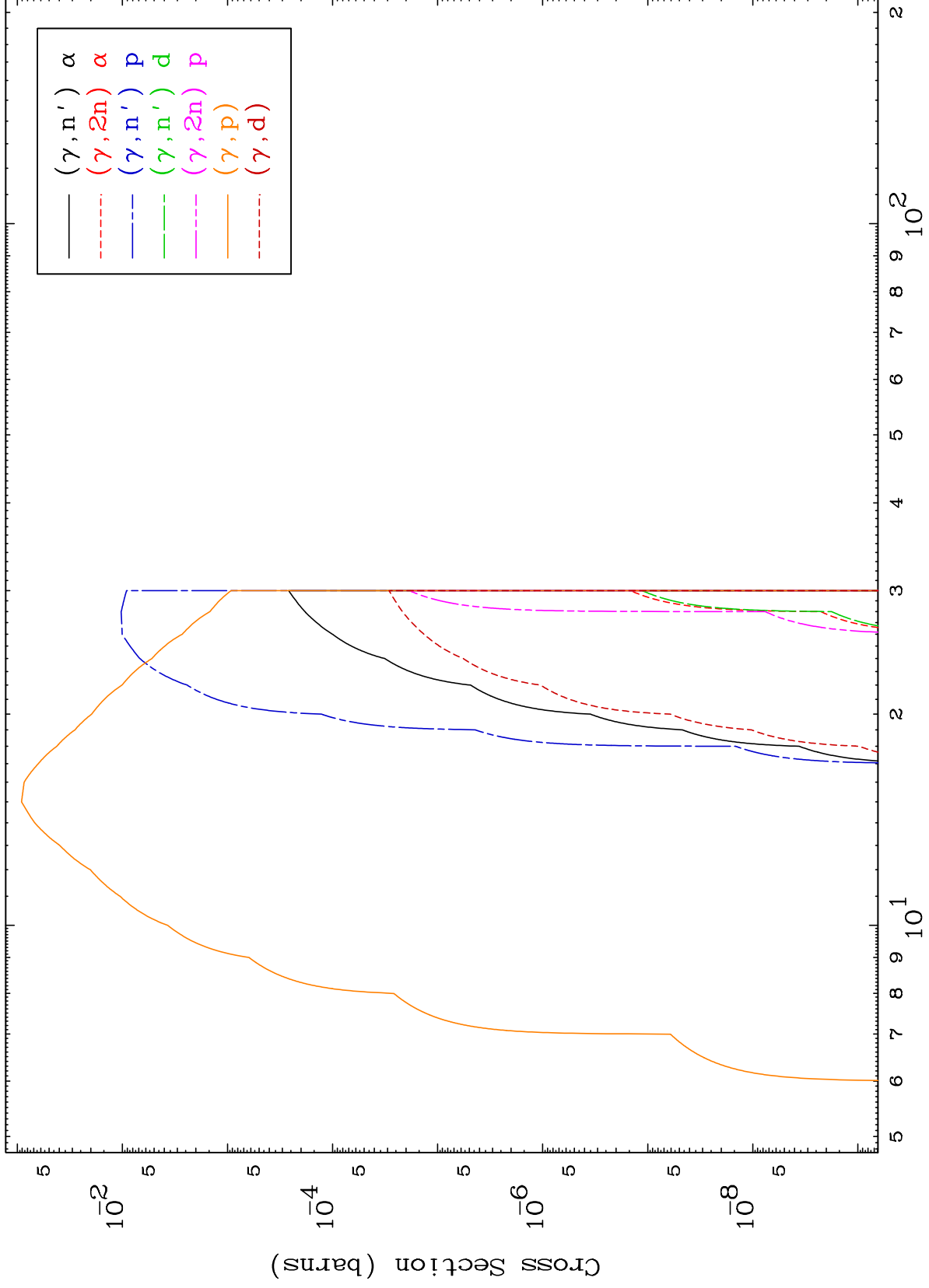
Incident Energy (MeV)



MAT 6401

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-144



3

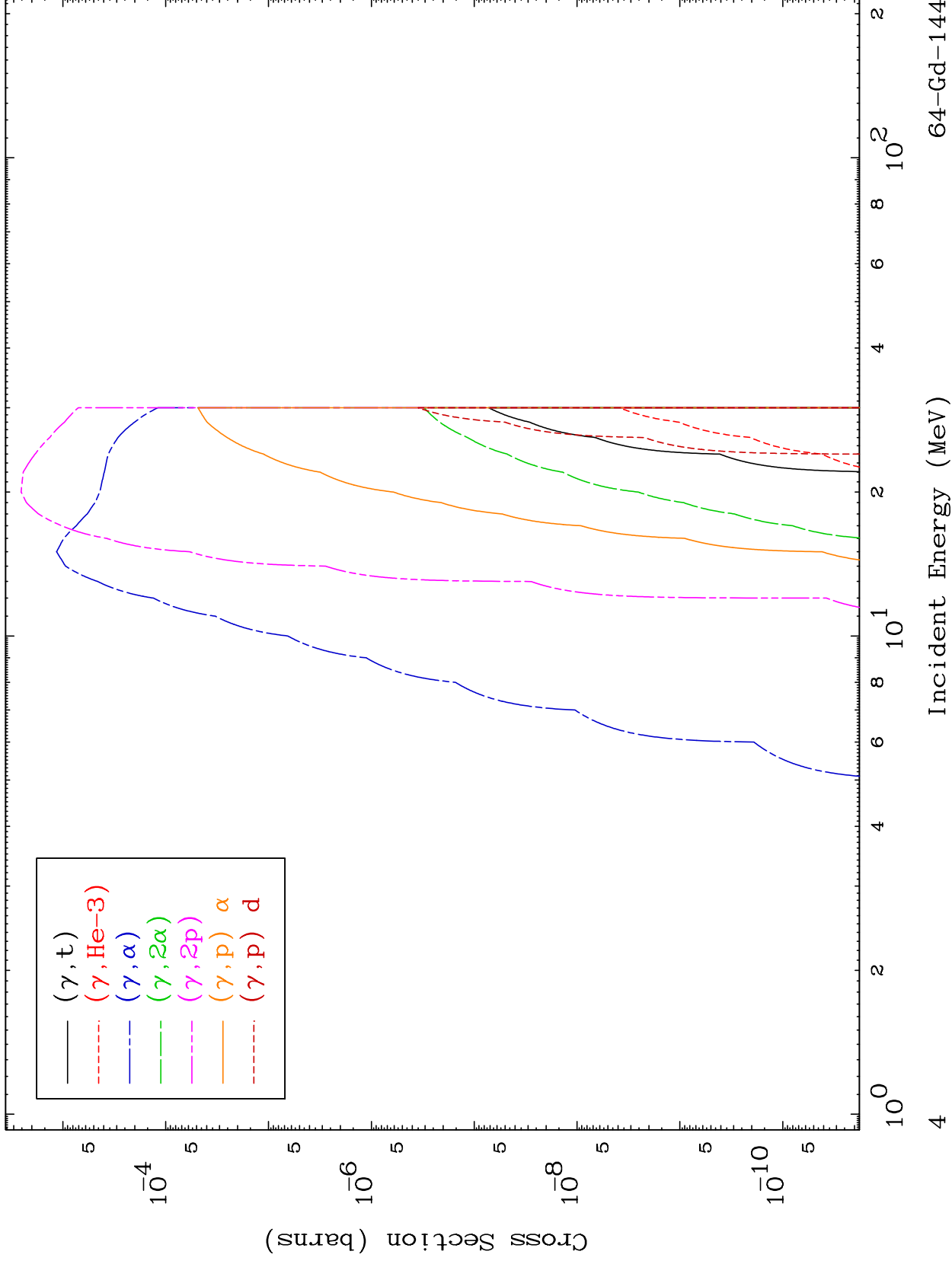
Incident Energy (MeV)

64-Gd-144

MAT 6401

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-144



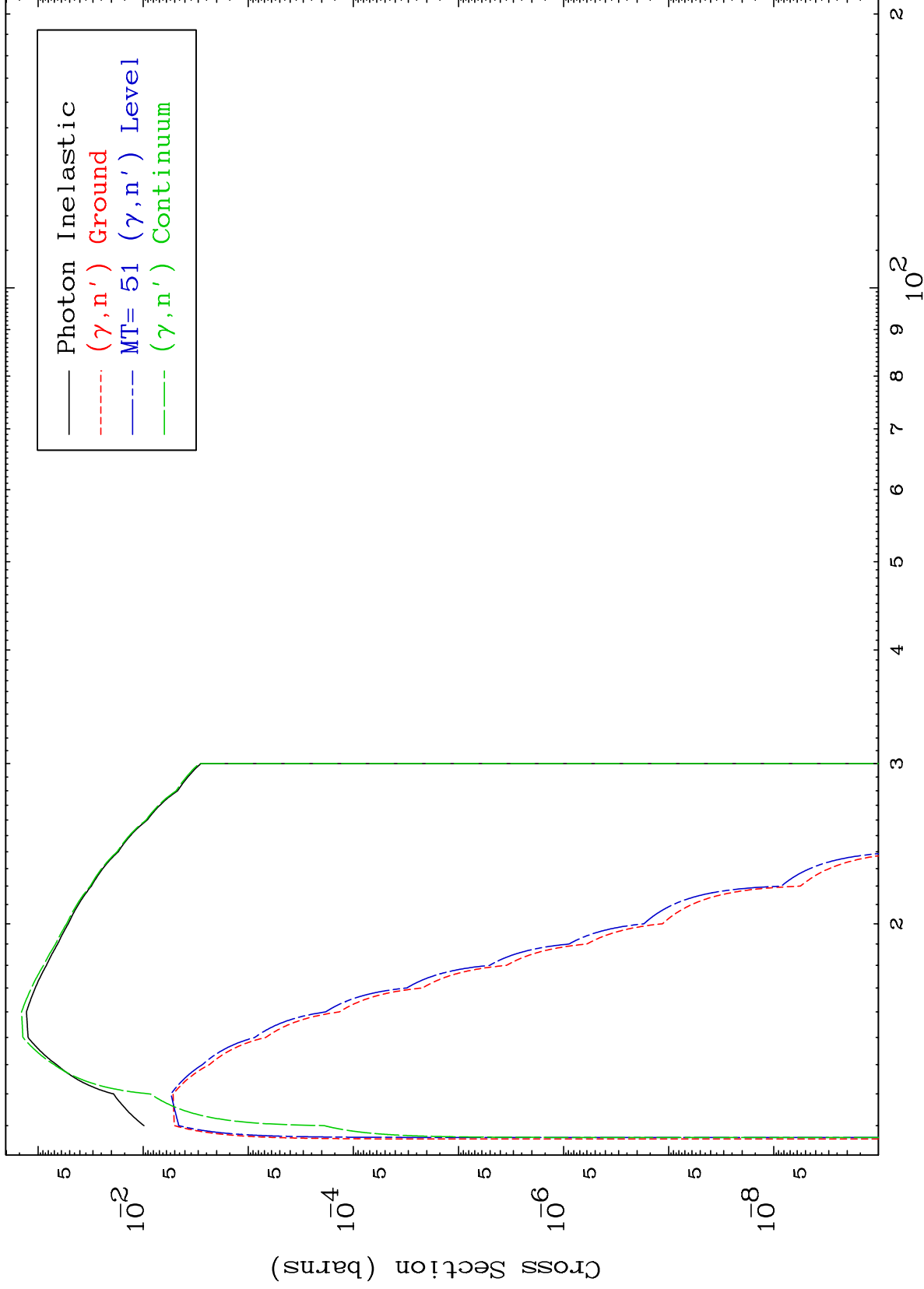
64-Gd-144

MAT 6401

$(\gamma, n')$  Level

64-Gd-144

0 Kelvin Cross Sections



5

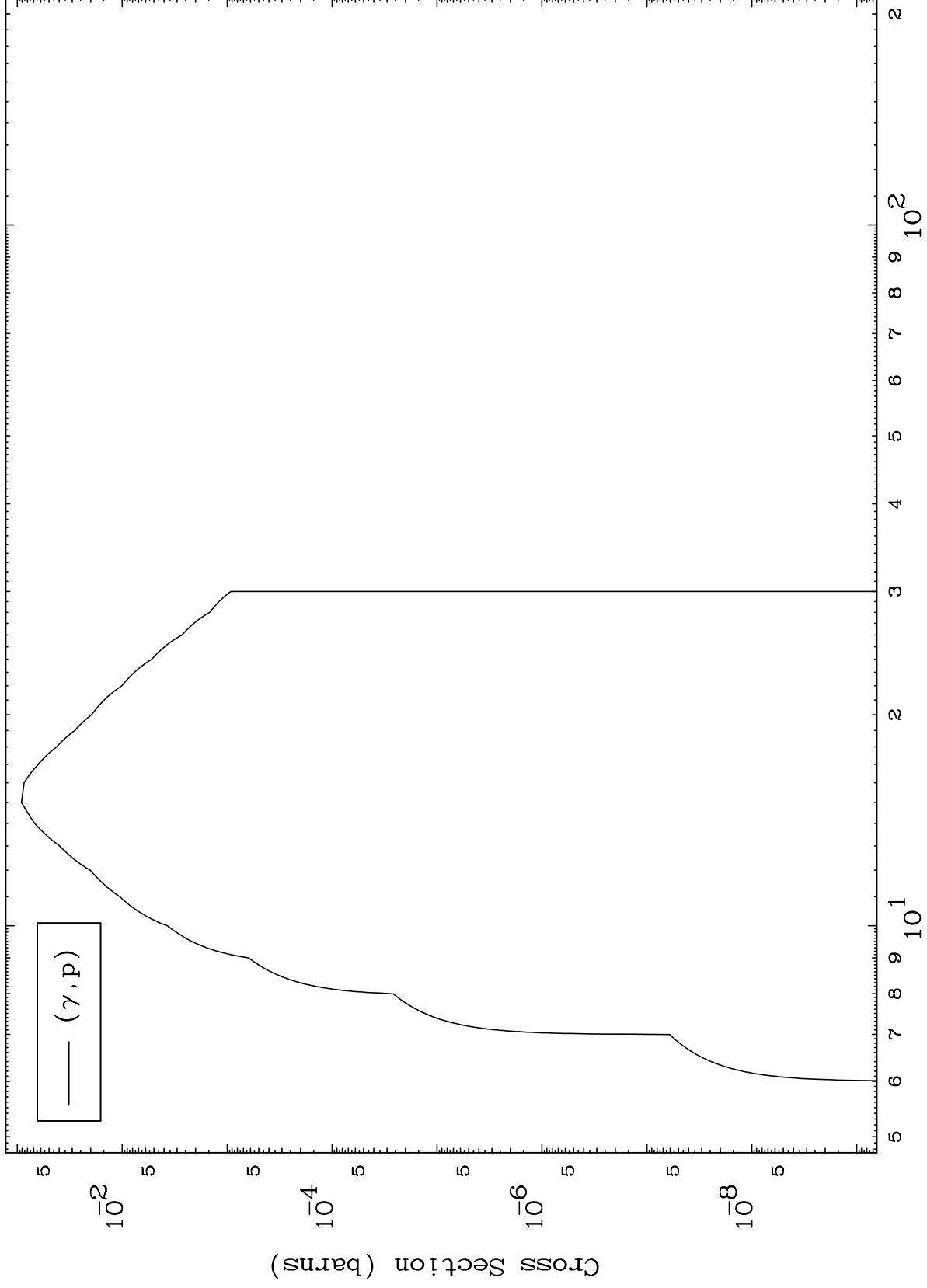
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

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



6

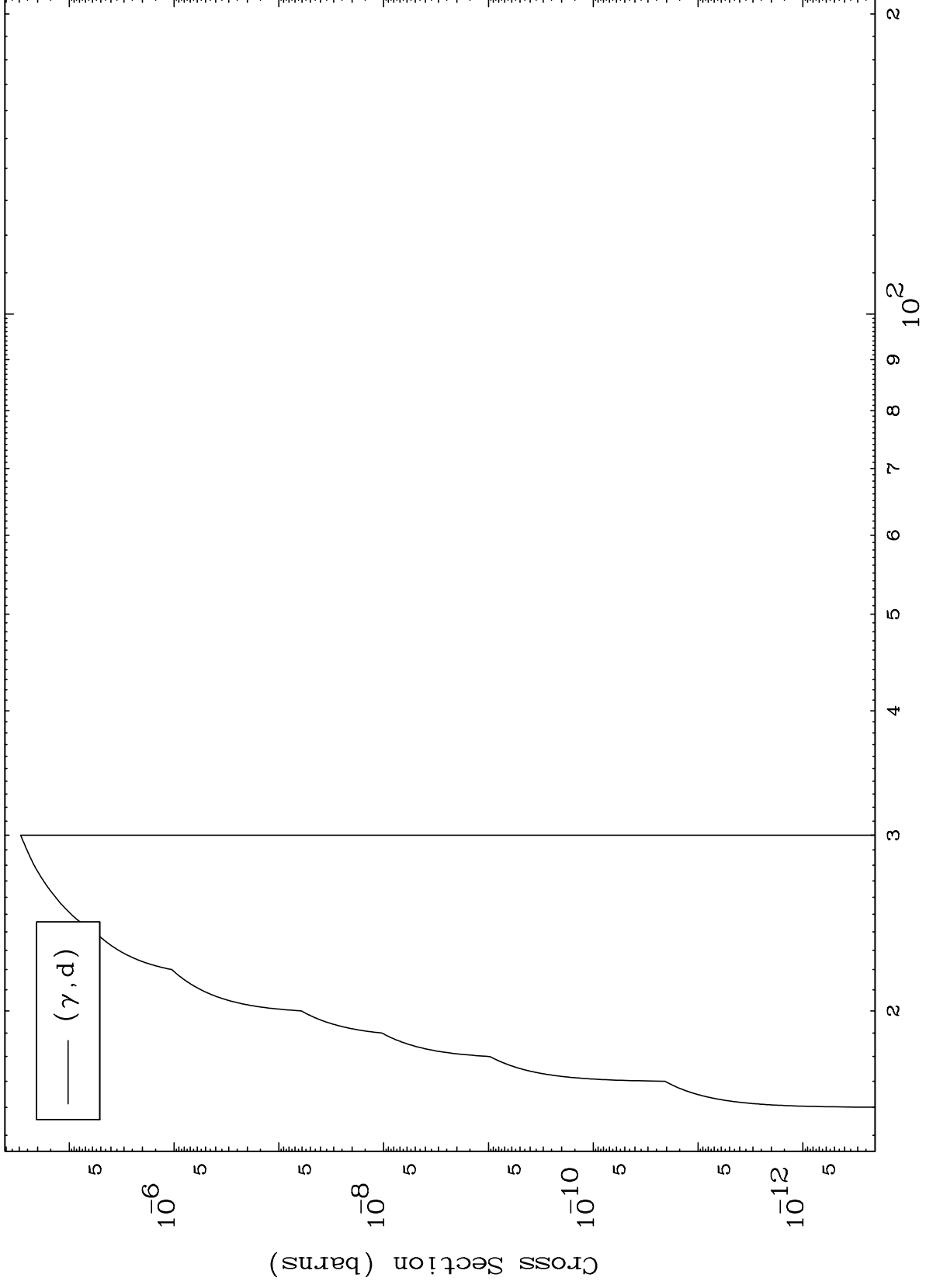
Incident Energy (MeV)

64-Gd-144

MAT 6401

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

64-Gd-144



7

Incident Energy (MeV)

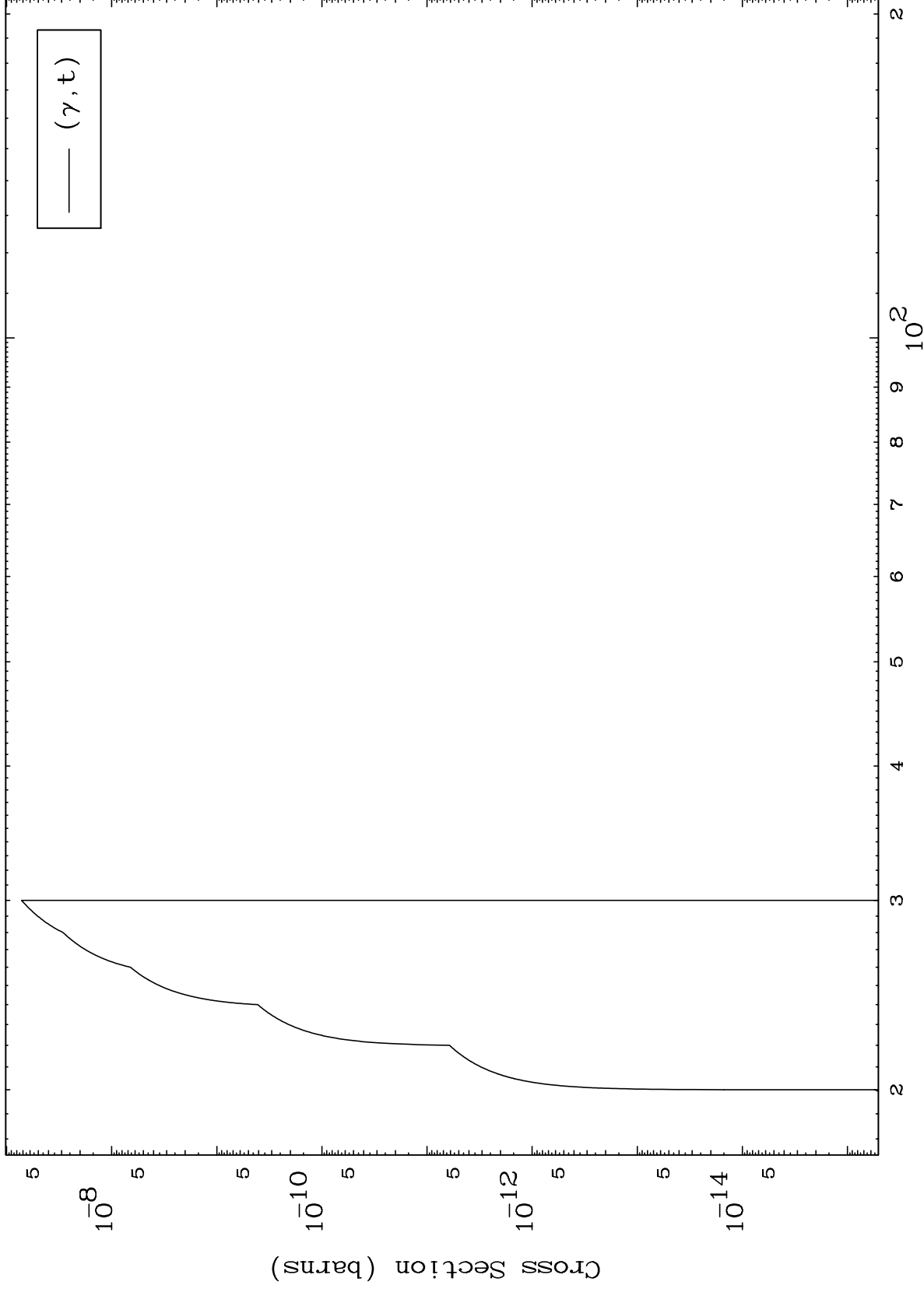
64-Gd-144



MAT 6401

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

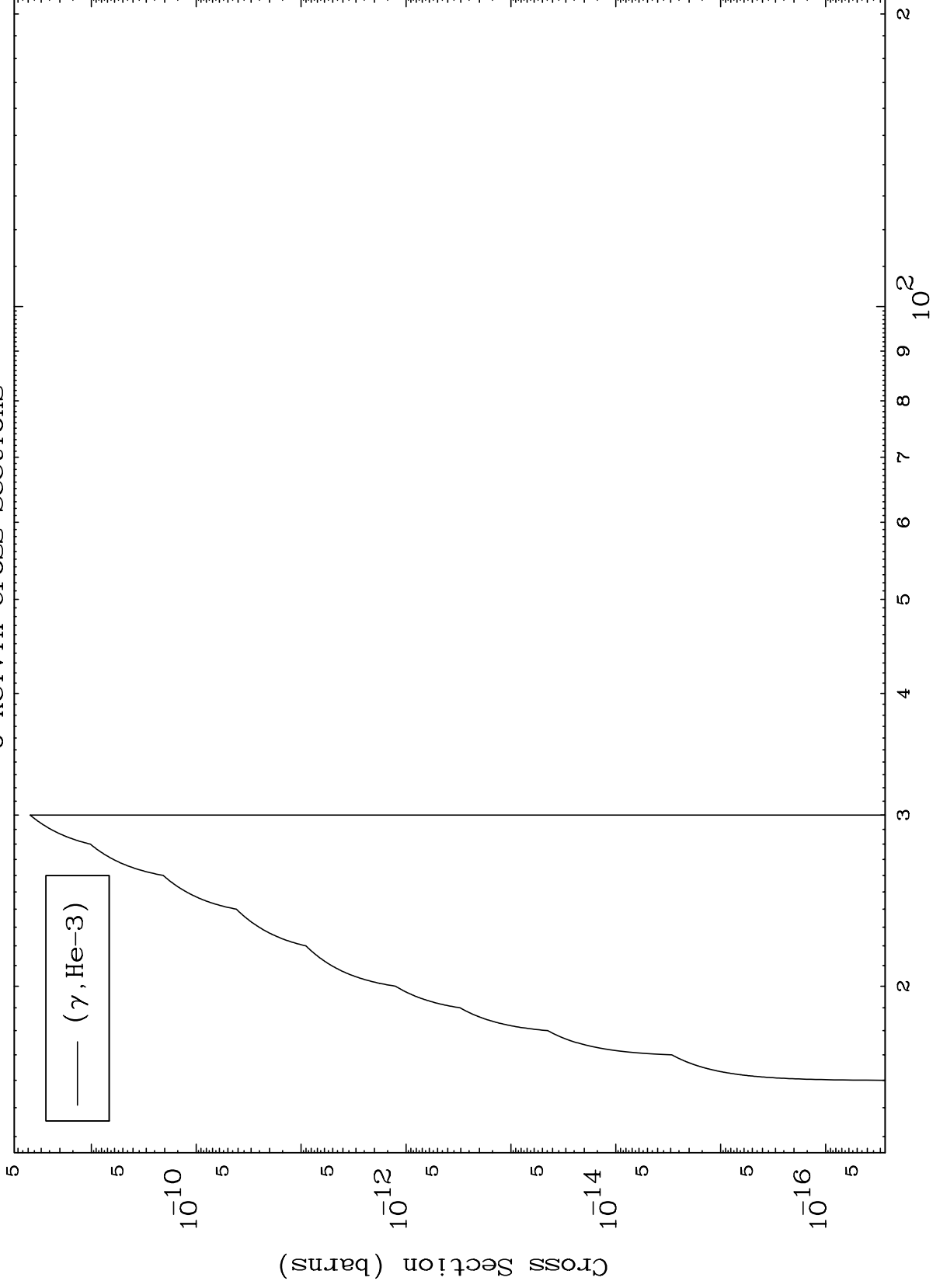
64-Gd-144



8

Incident Energy (MeV)

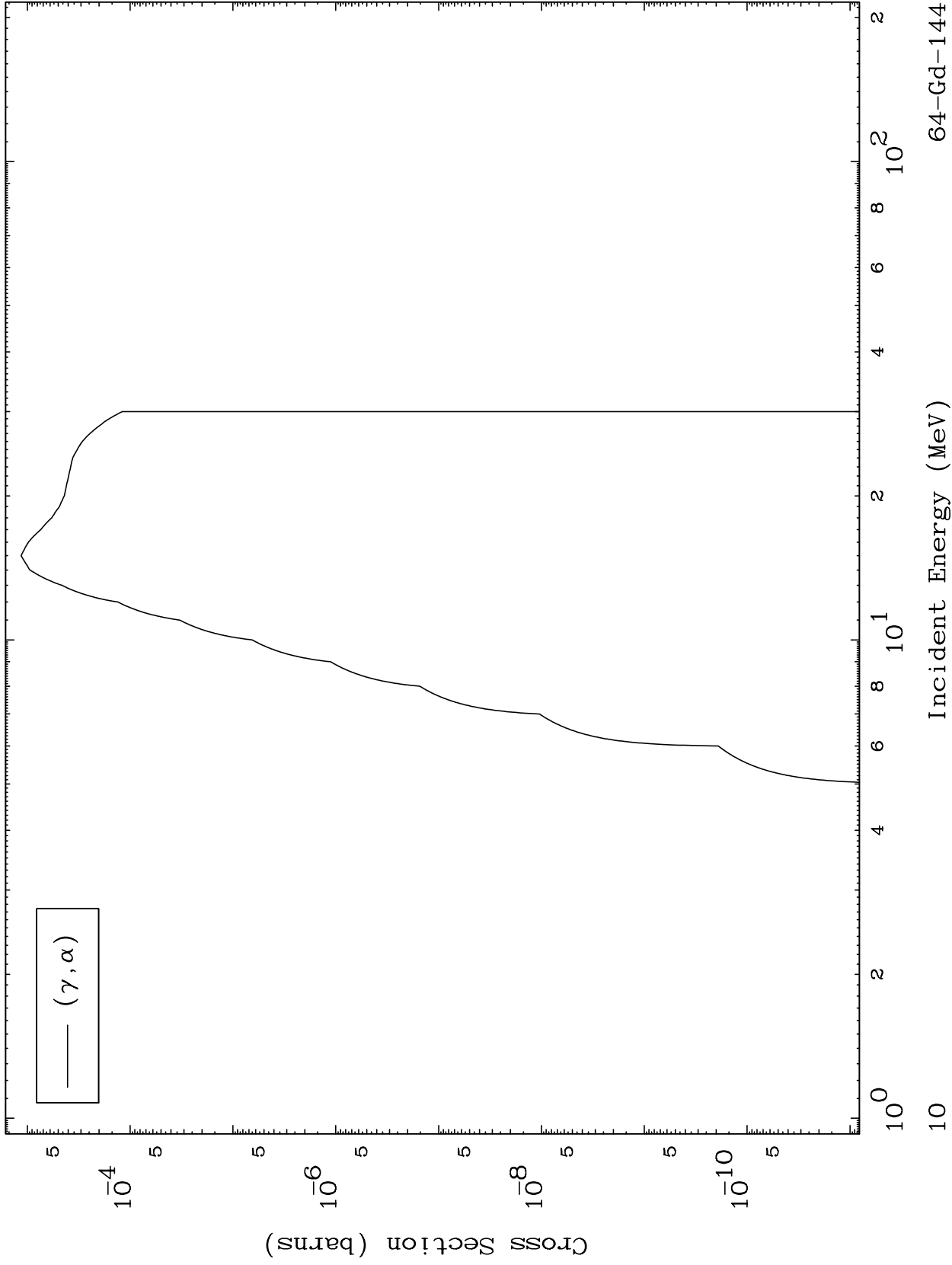
64-Gd-144



MAT 6401

64-Gd-144

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



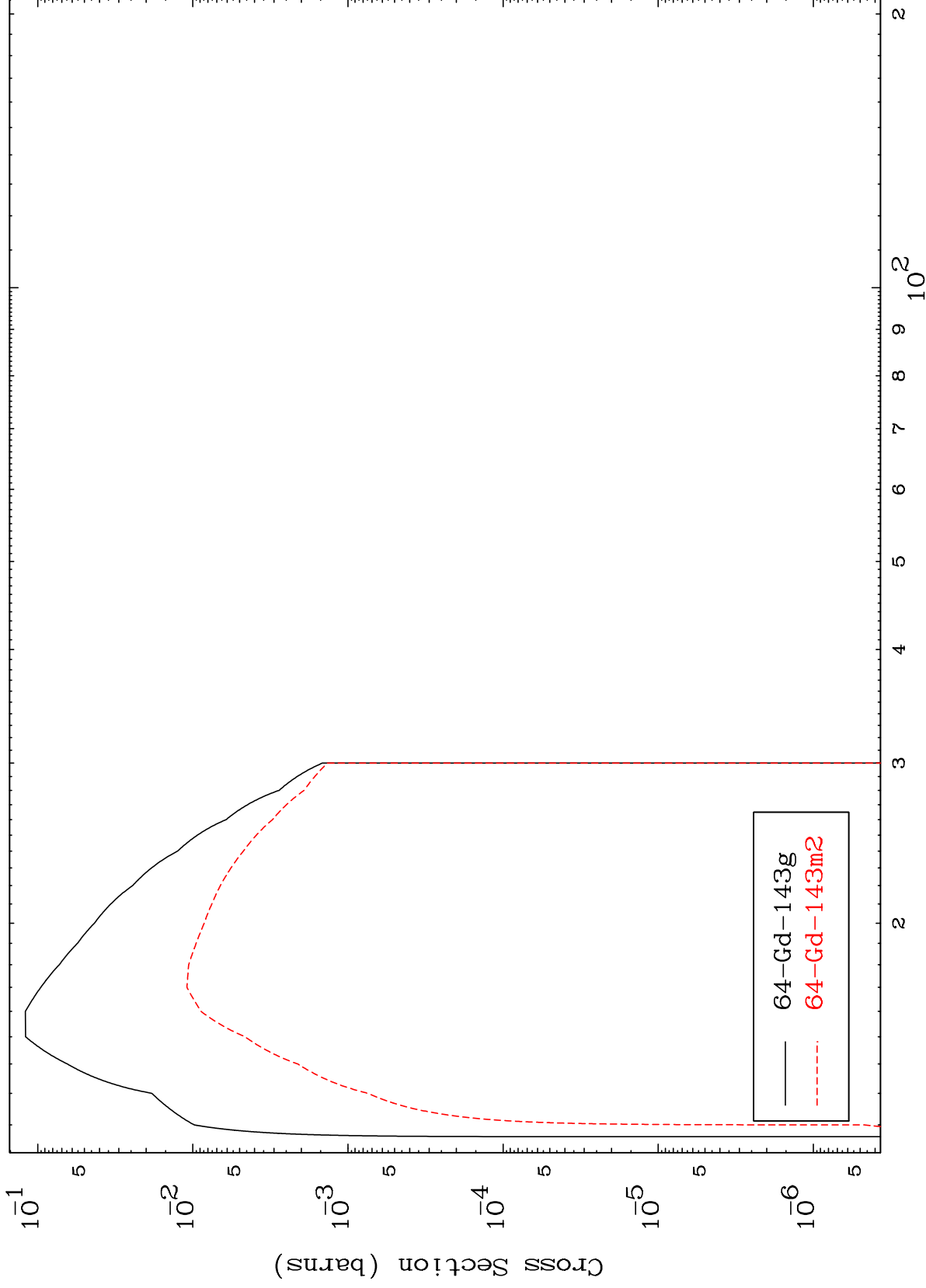
64-Gd-144

Incident Energy (MeV)

MAT 6401

Photon Inelastic  
Radionuclide Production Cross Section

64-Gd-144

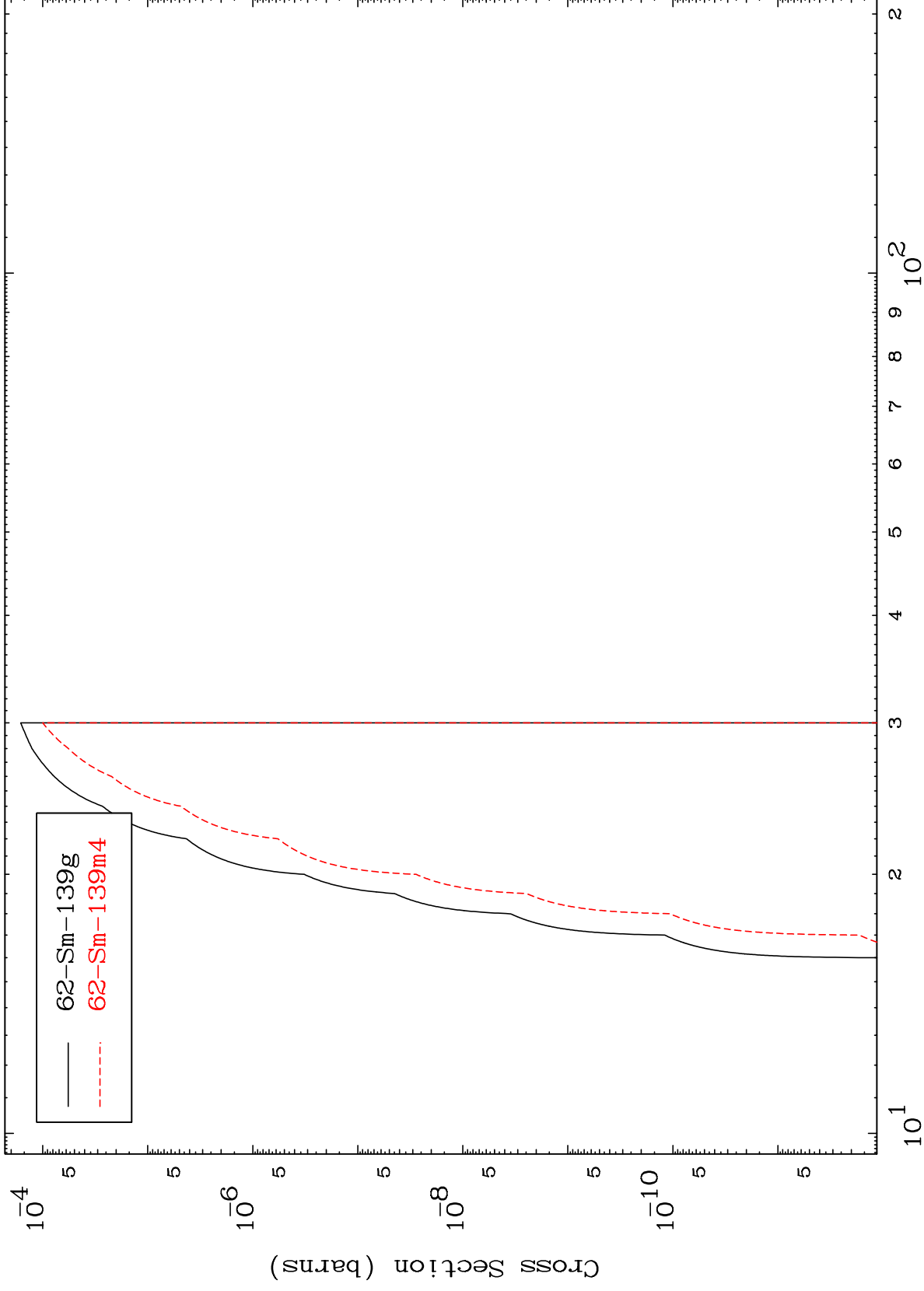


MAT 6401

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

64-Gd-144

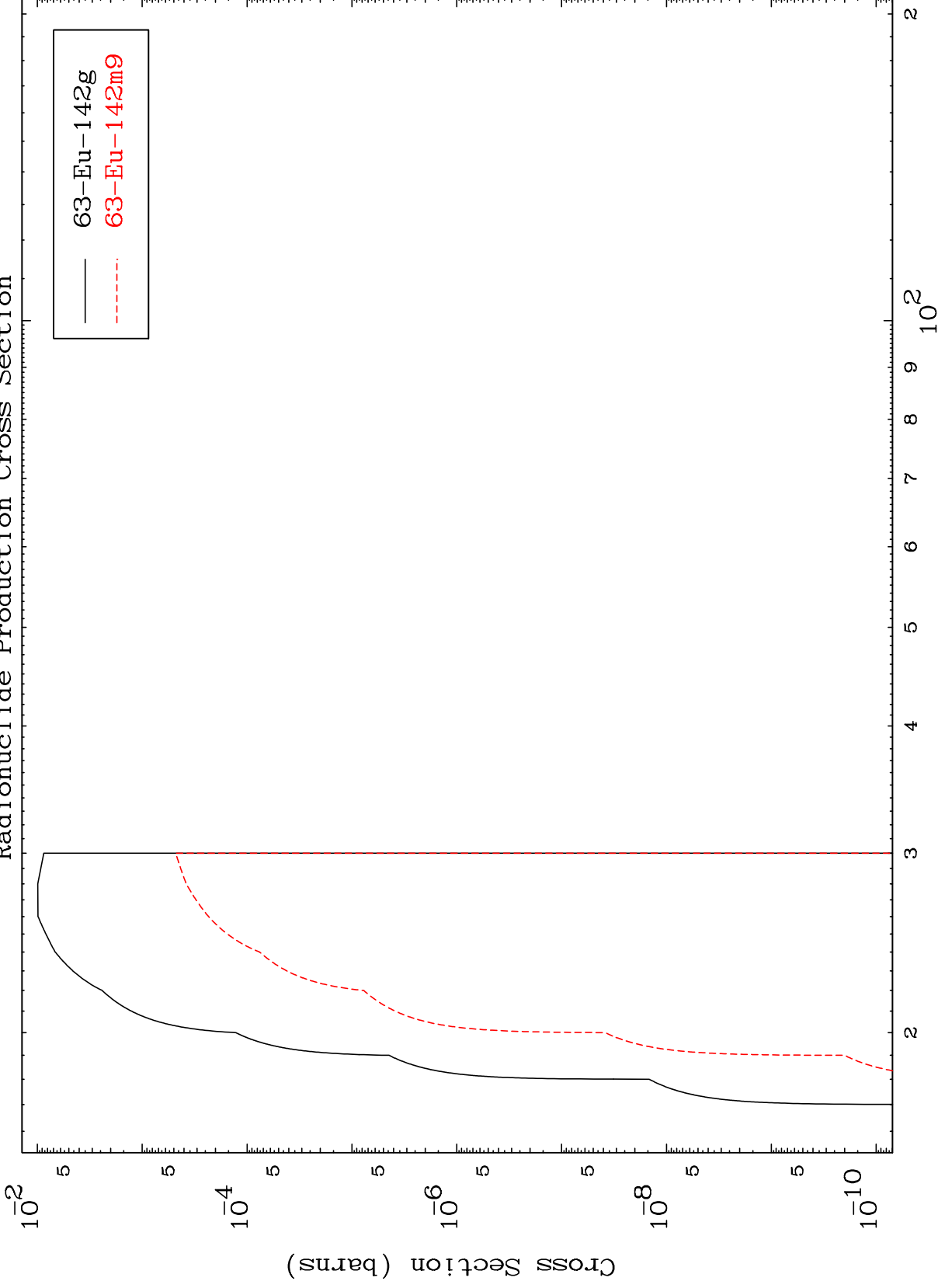
Radionuclide Production Cross Section



64-Gd-144

64-Gd-144

Radionuclide Production Cross Section

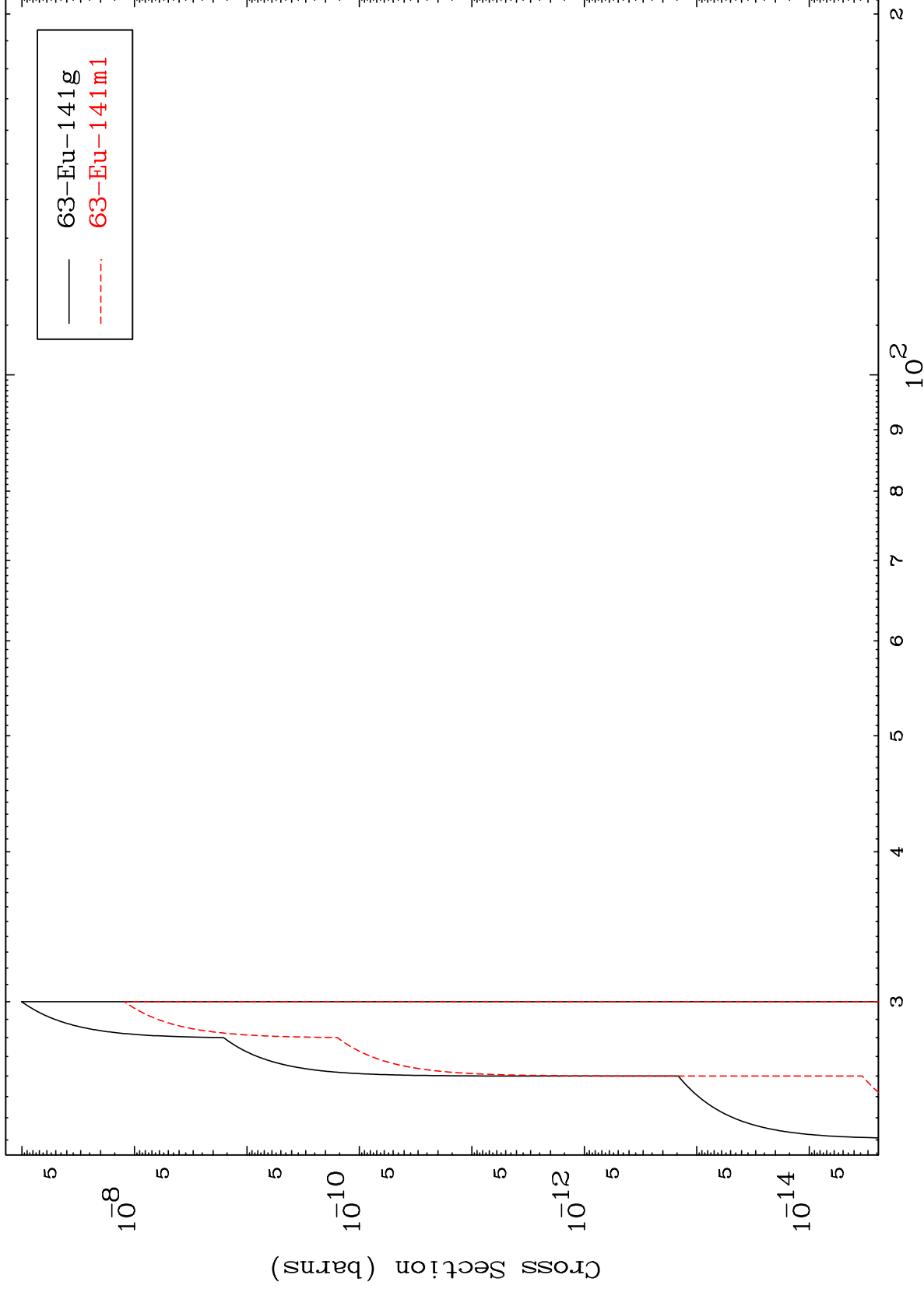


MAT 6401

$(\gamma, n')$  d

64-Gd-144

Radionuclide Production Cross Section



14

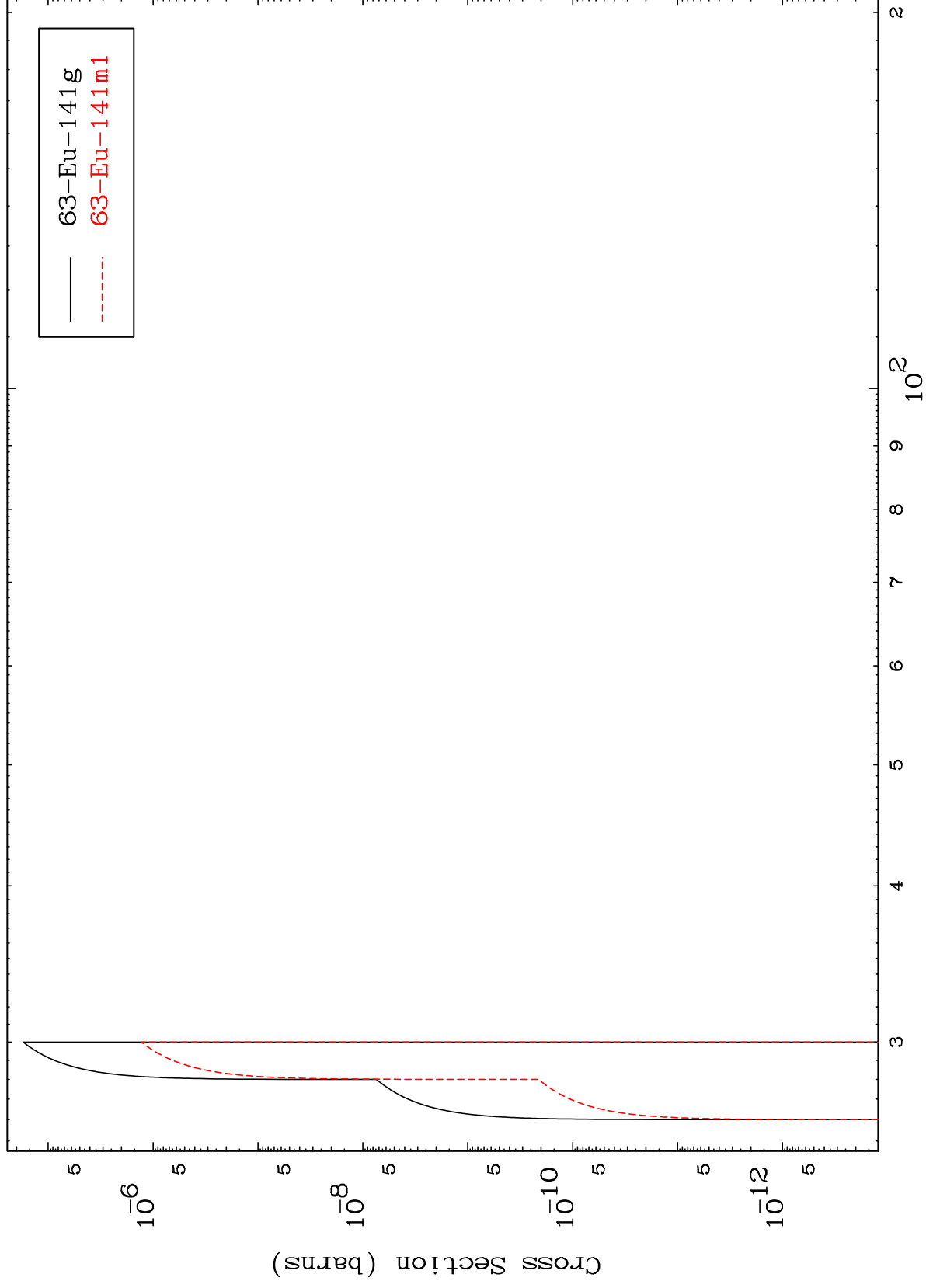
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

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



15

64-Gd-144

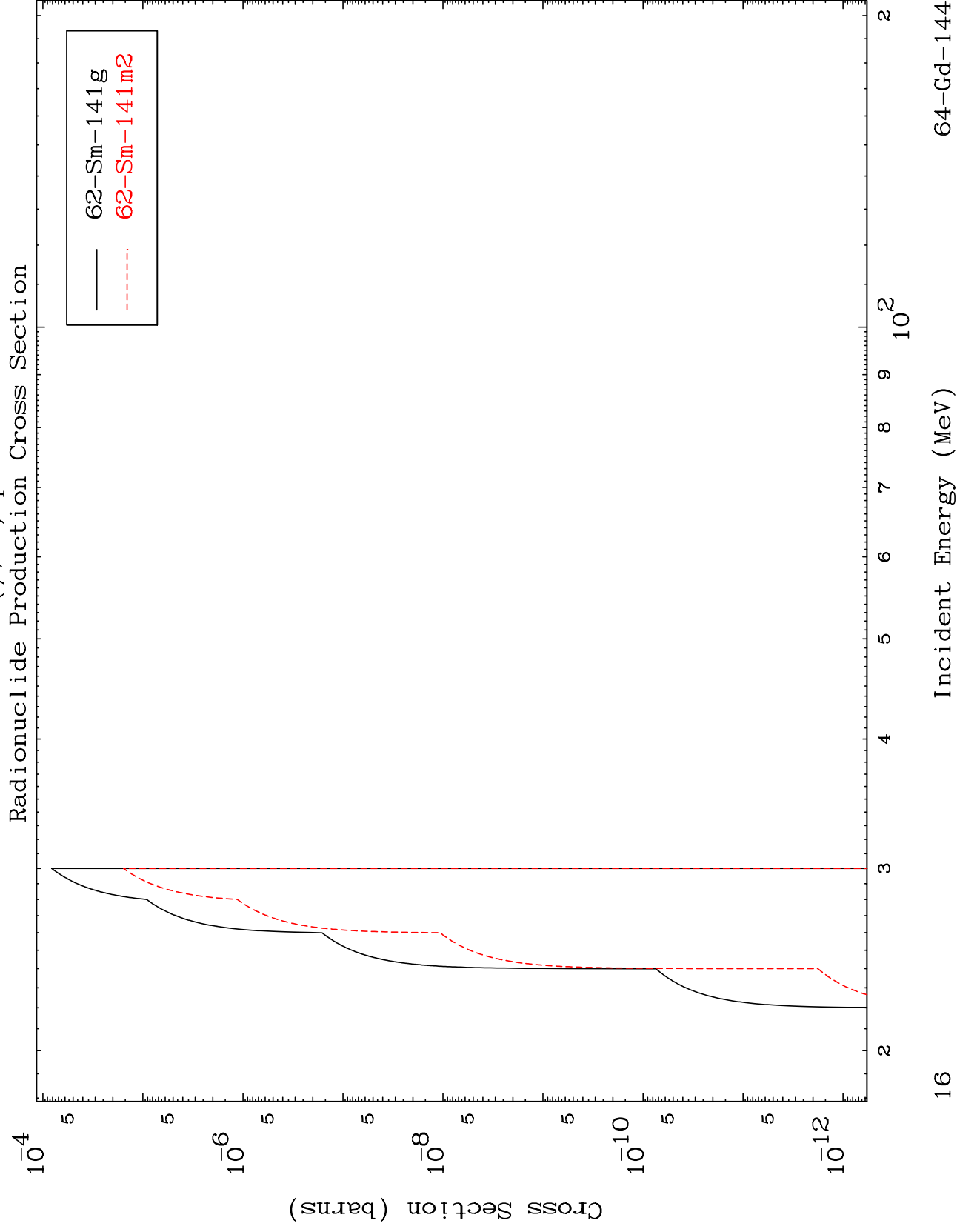
Incident Energy (MeV)



MAT 6401

$(\gamma, 2n)$  p

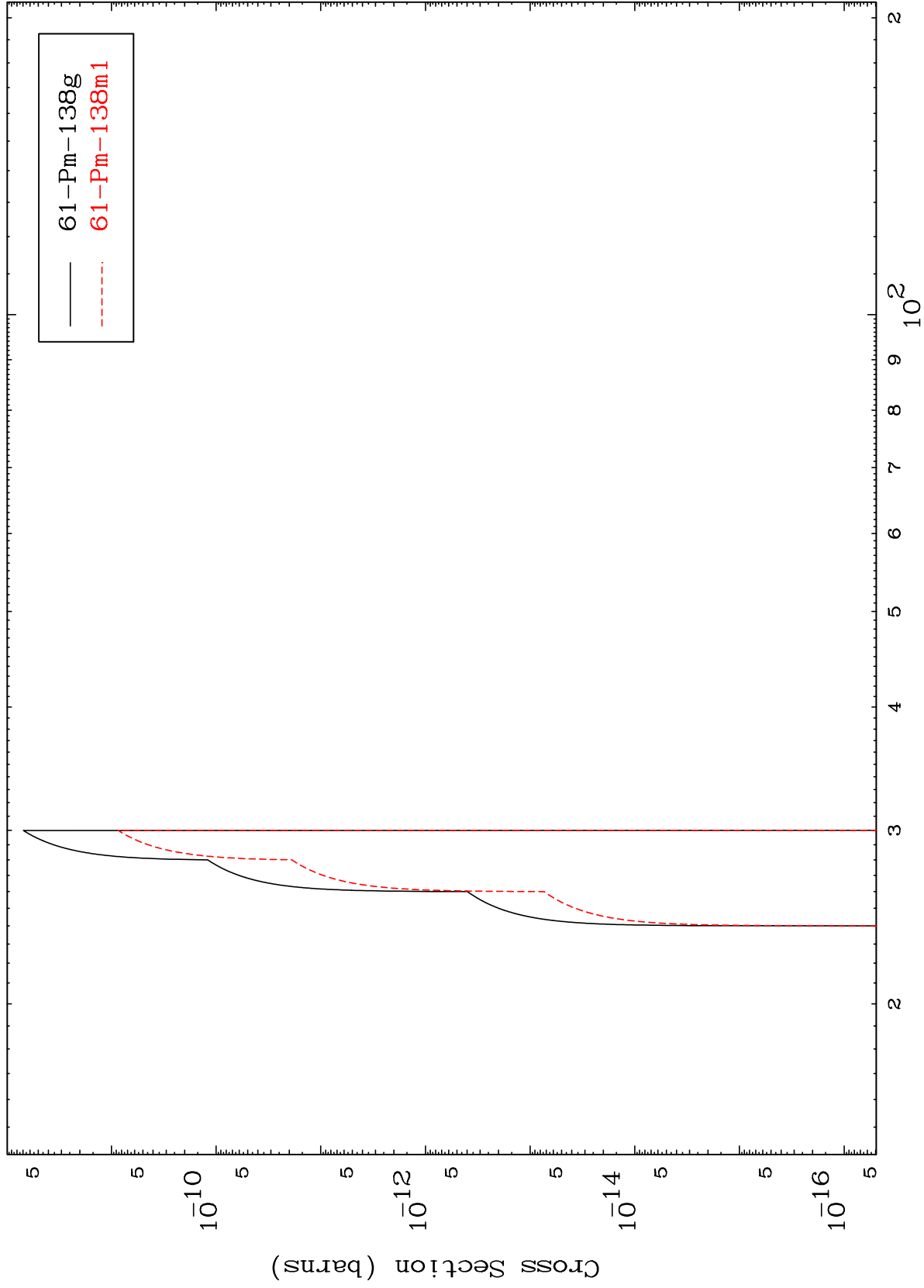
64-Gd-144



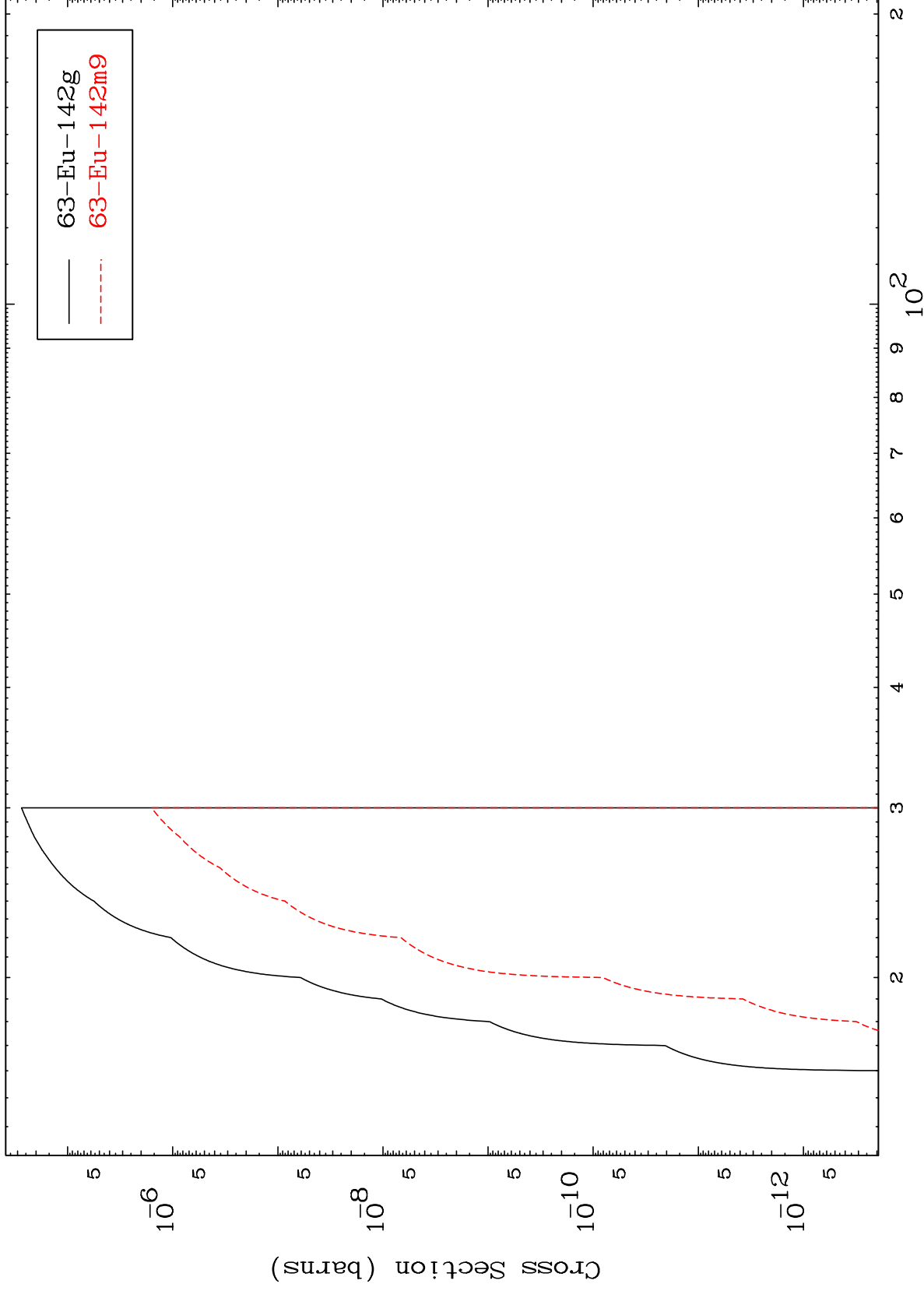
16

64-Gd-144

Radionuclide Production Cross Section



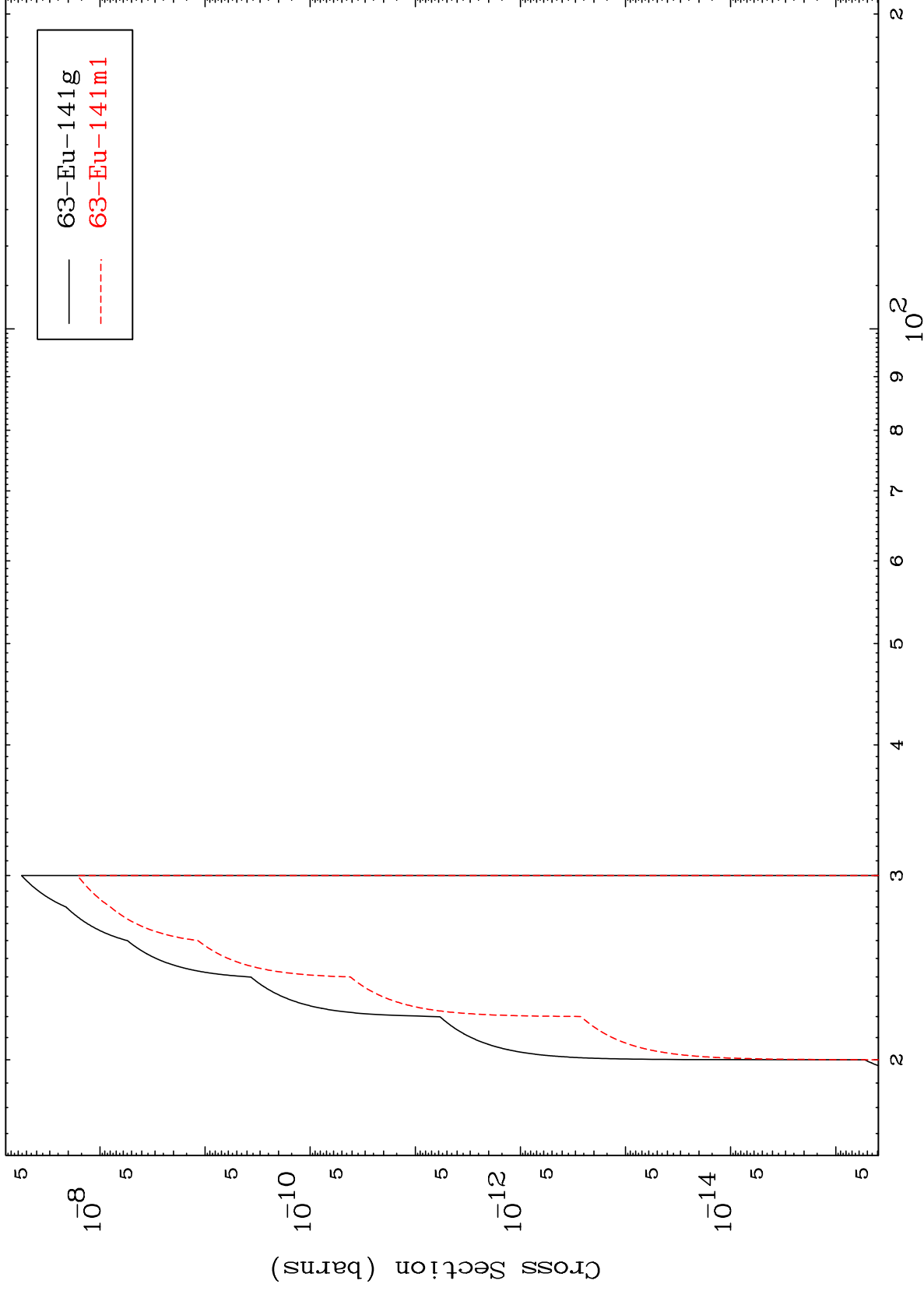
( $\gamma, d$ )  
Radionuclide Production Cross Section



MAT 6401

64-Gd-144

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



19

Incident Energy (MeV)

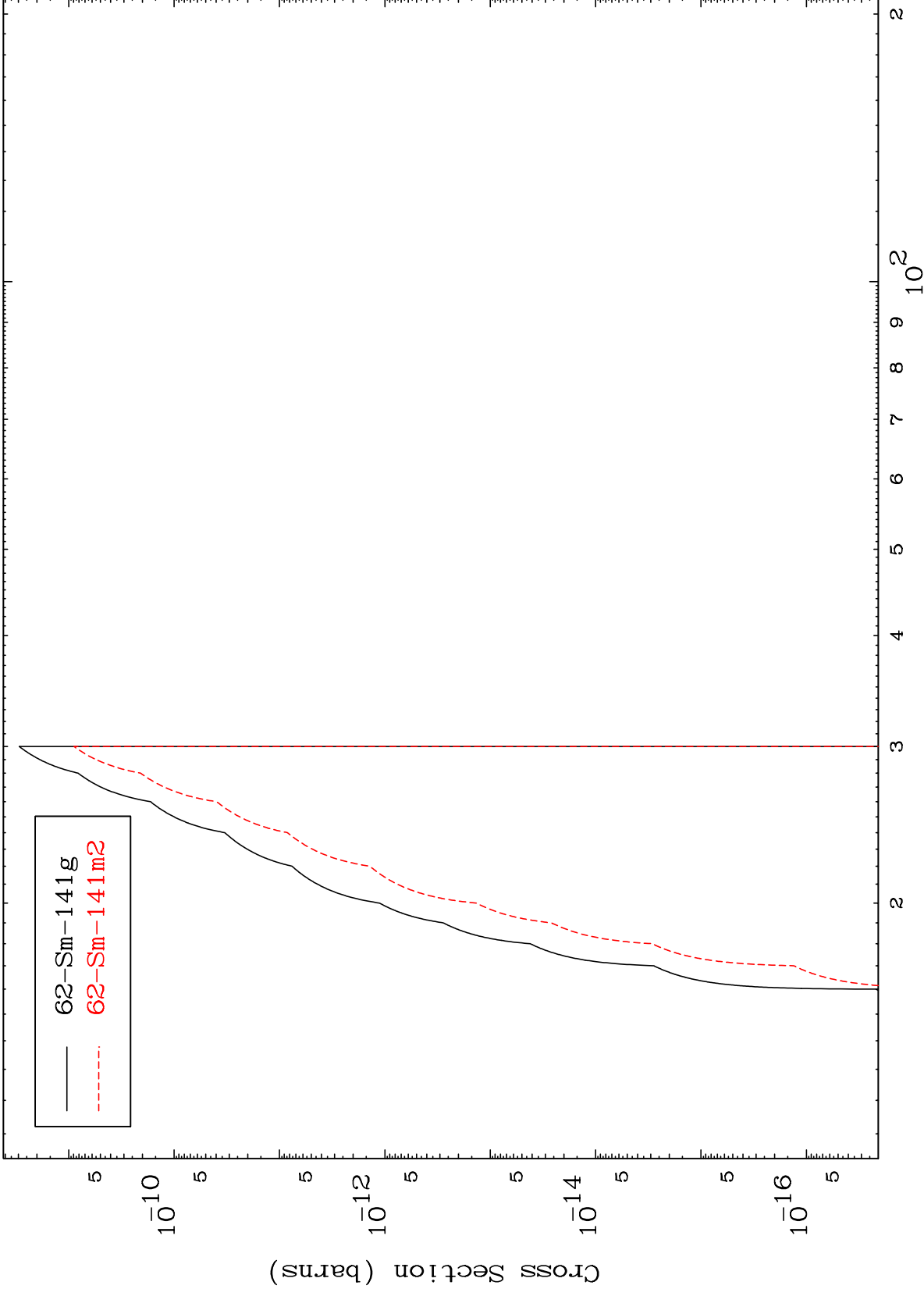
64-Gd-144

MAT 6401

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

64-Gd-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

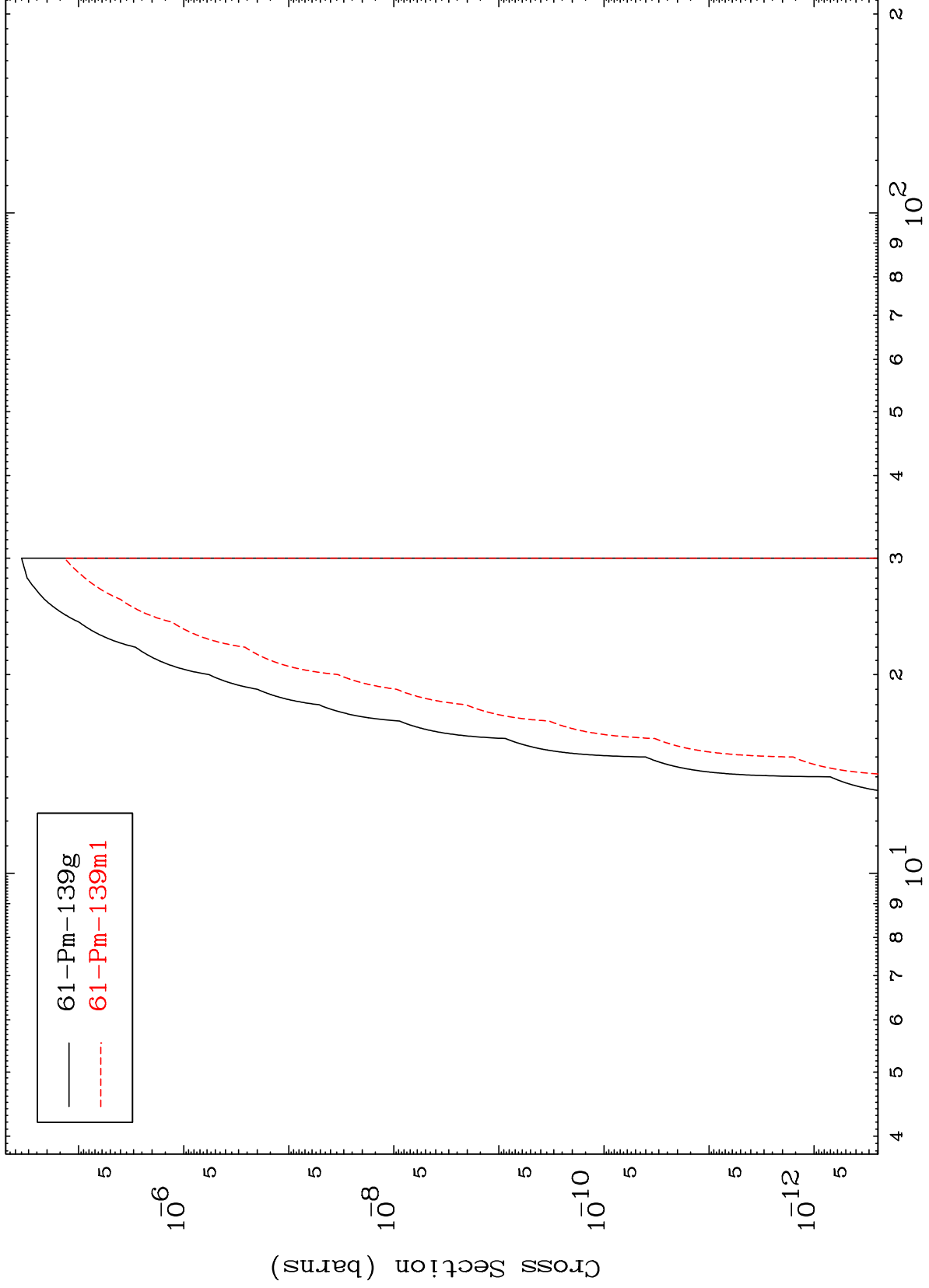
64-Gd-144

MAT 6401

( $\gamma, p$ )  $\alpha$

64-Gd-144

Radionuclide Production Cross Section



21

Incident Energy (MeV)

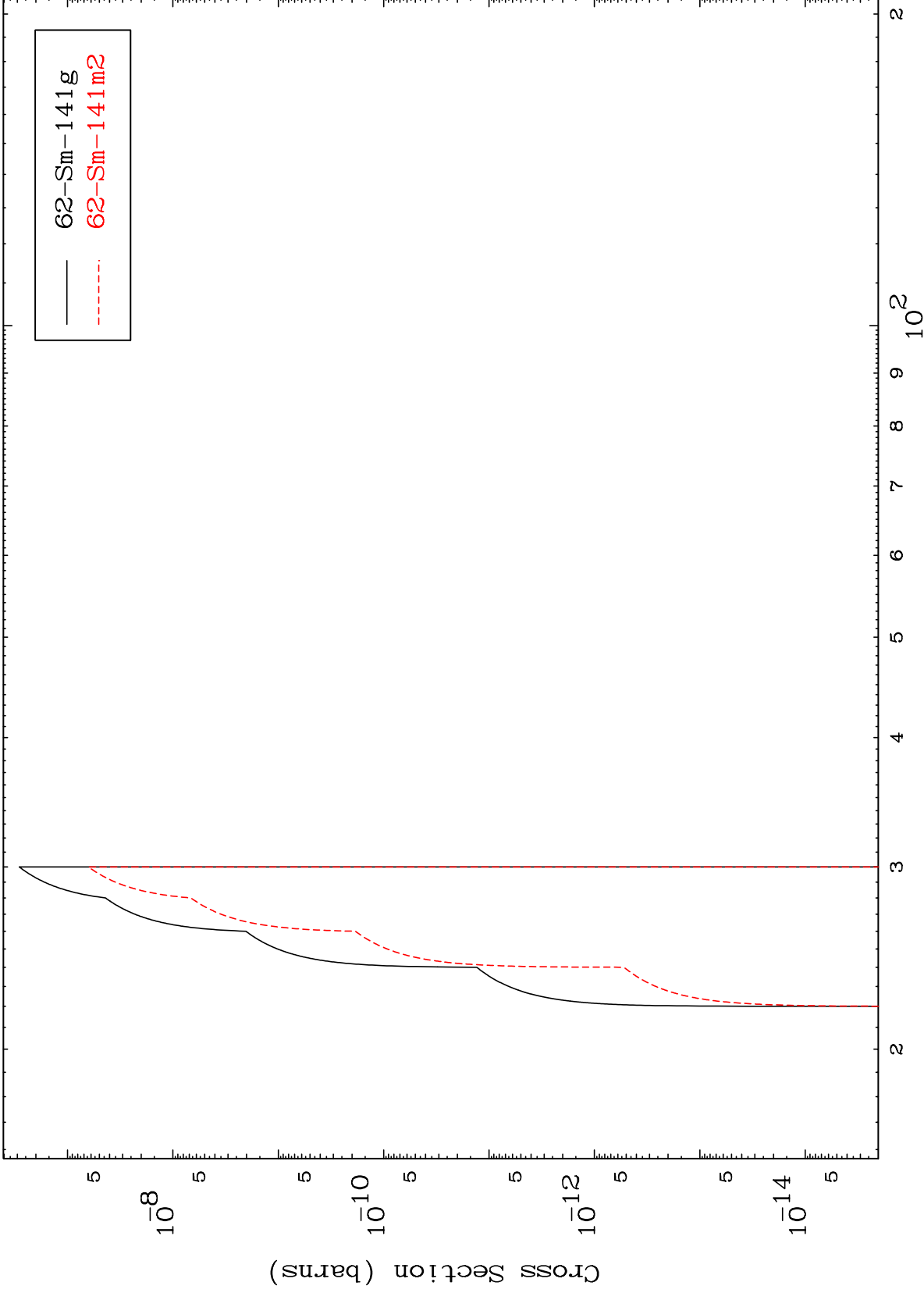
64-Gd-144

MAT 6401

( $\gamma, p$ ) d

64-Gd-144

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-144