

Program EVALPLOT  
(Version 2018-1)

by

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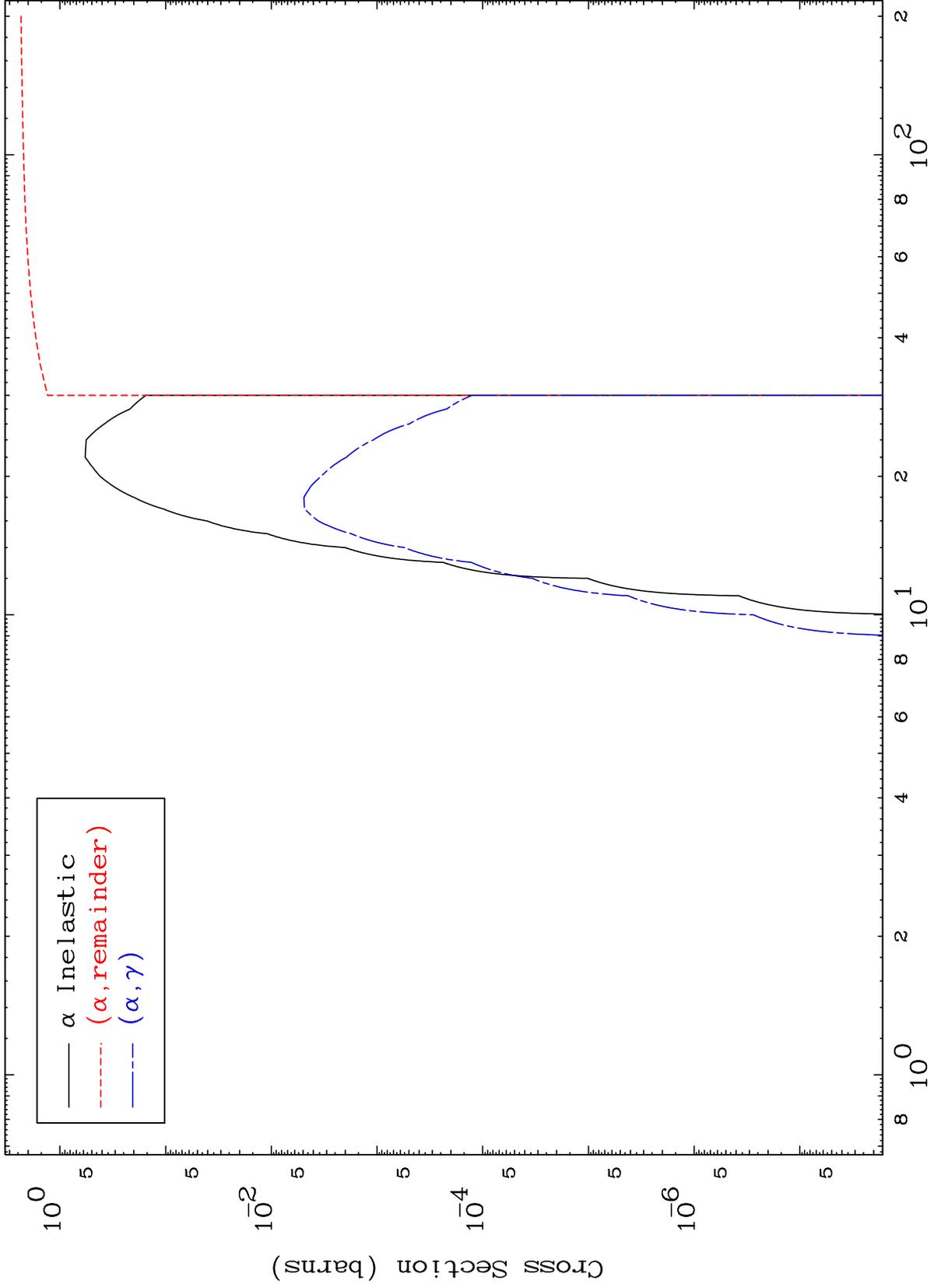
Press Mouse Button to Start

MAT 6011

$\alpha$  Major

60-Nd-137

0 Kelvin Cross Sections



1

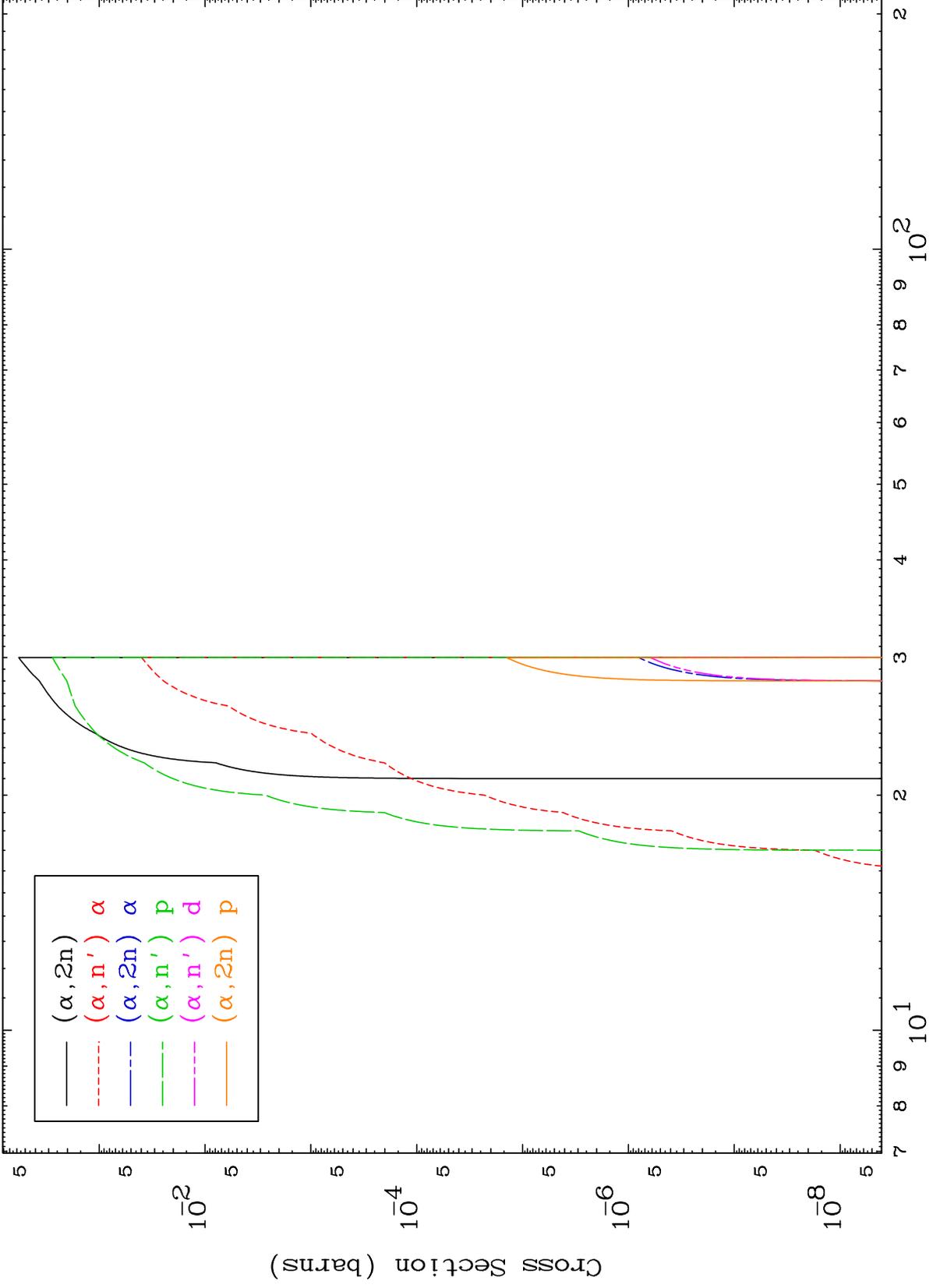
Incident Energy (MeV)

60-Nd-137

MAT 6011

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

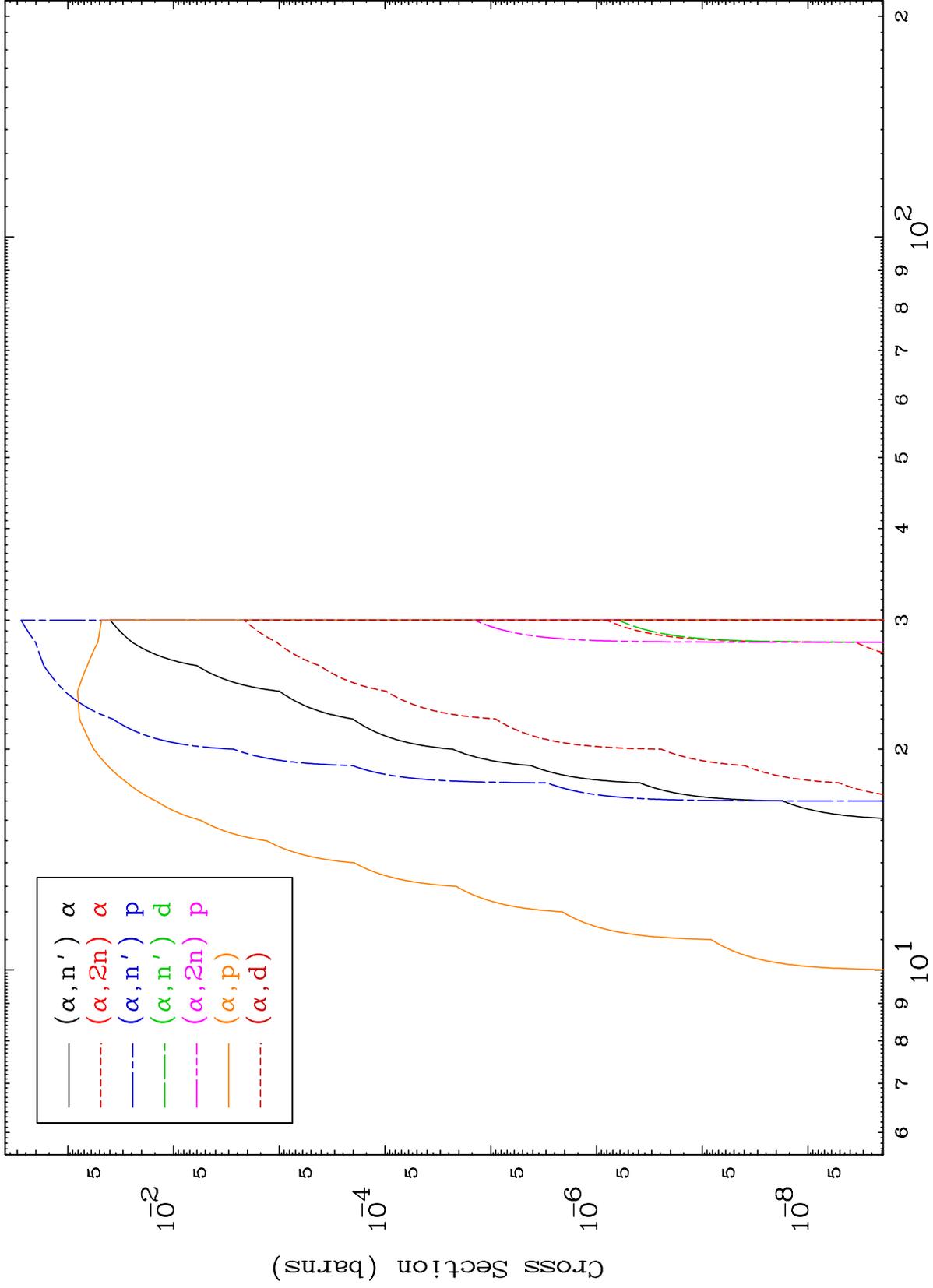
60-Nd-137



2

Incident Energy (MeV)

60-Nd-137

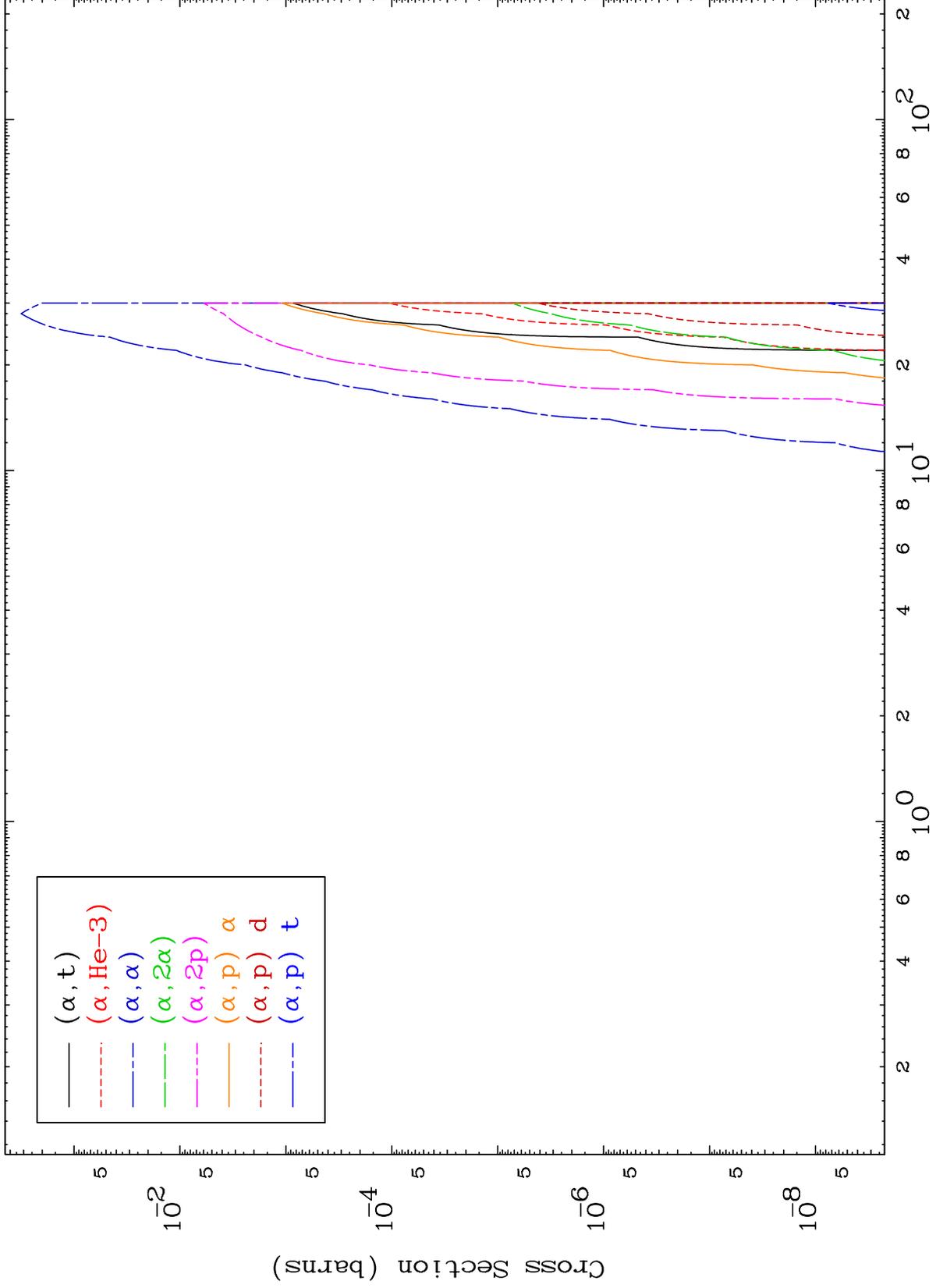


MAT 6011

$\alpha$  Charged Particle

60-Nd-137

0 Kelvin Cross Sections

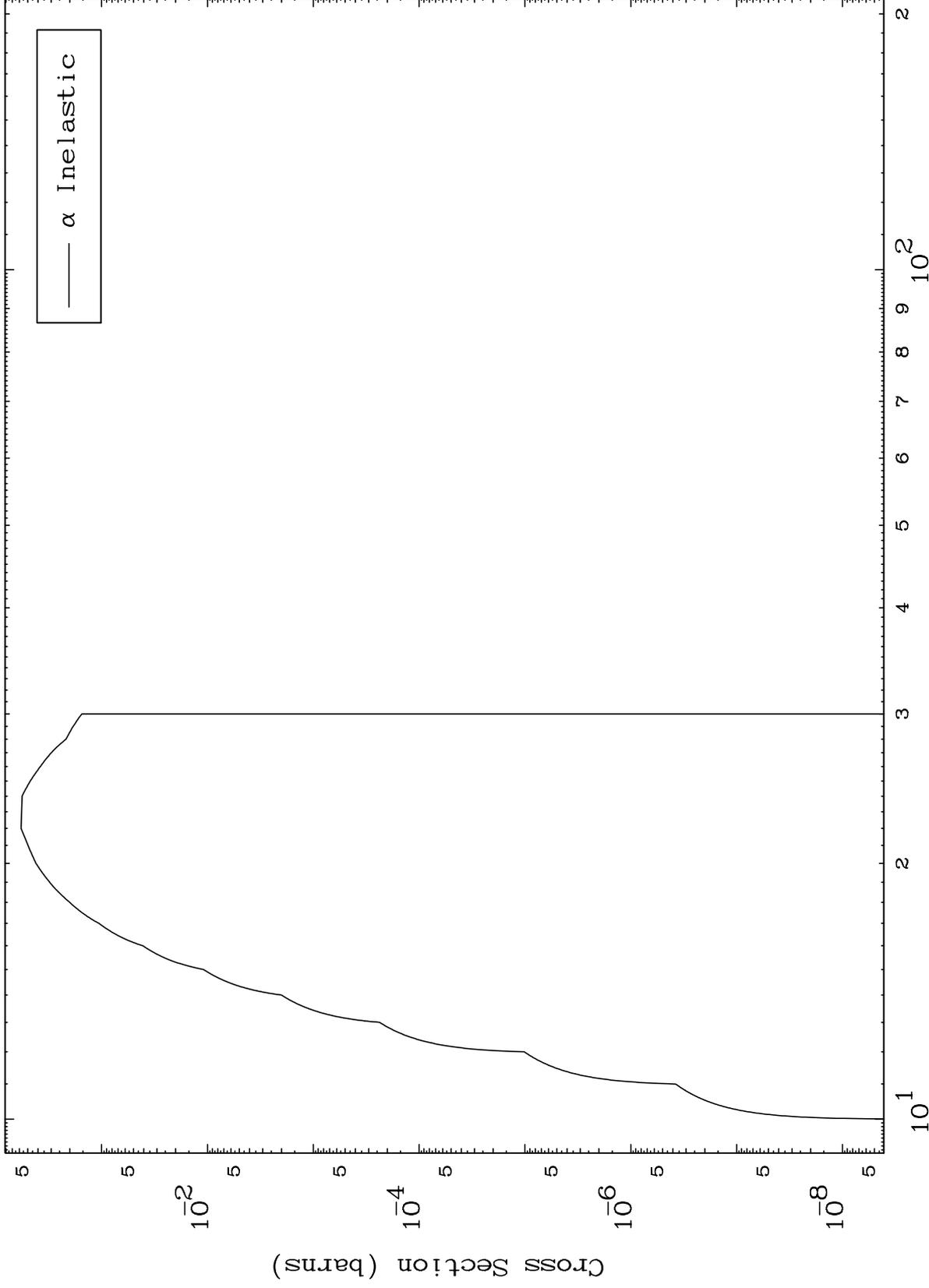


MAT 6011

( $\alpha, n'$ ) Level

60-Nd-137

0 Kelvin Cross Sections



$\alpha$  Inelastic

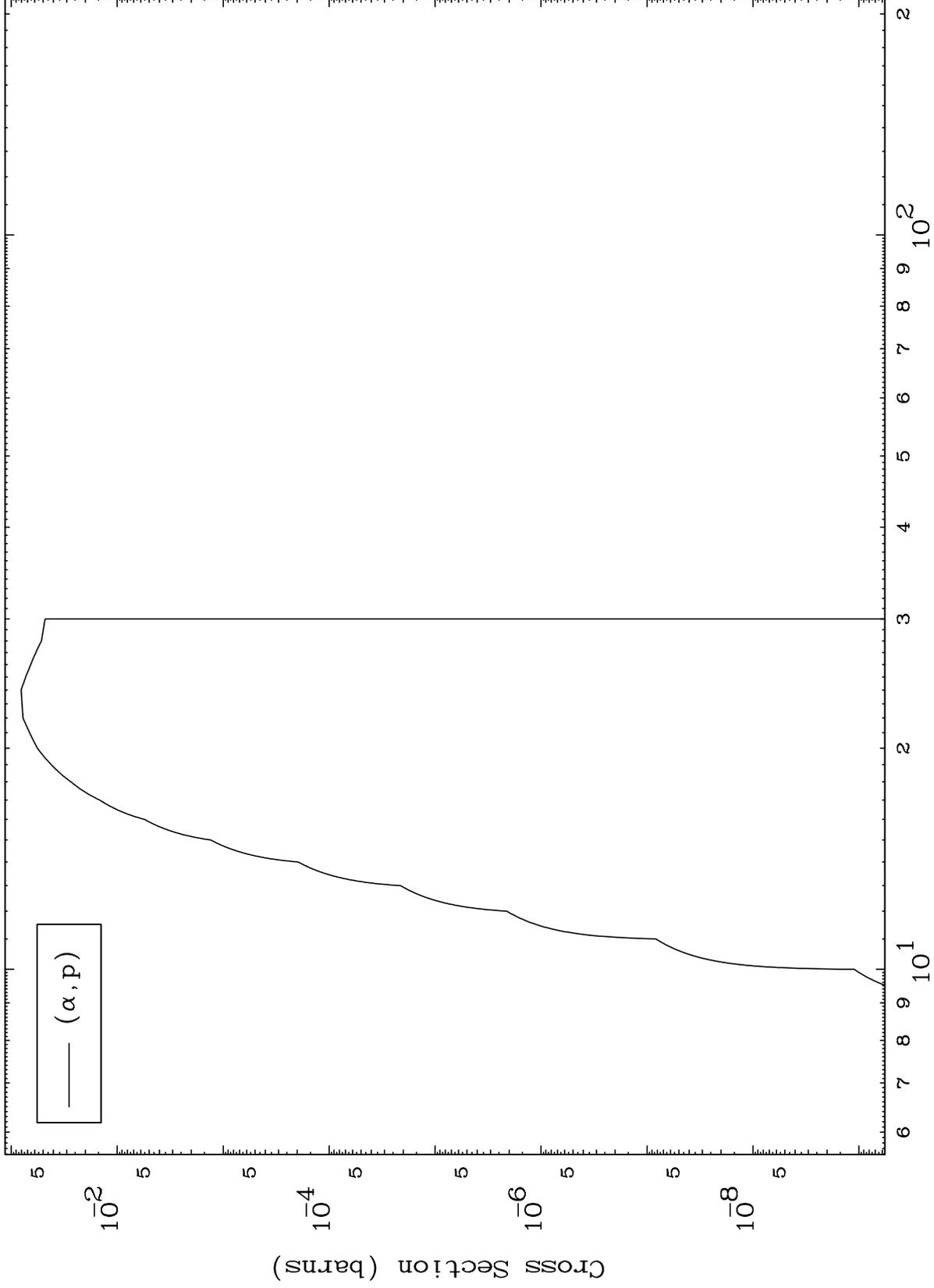
Incident Energy (MeV)

60-Nd-137

MAT 6011

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

60-Nd-137



6

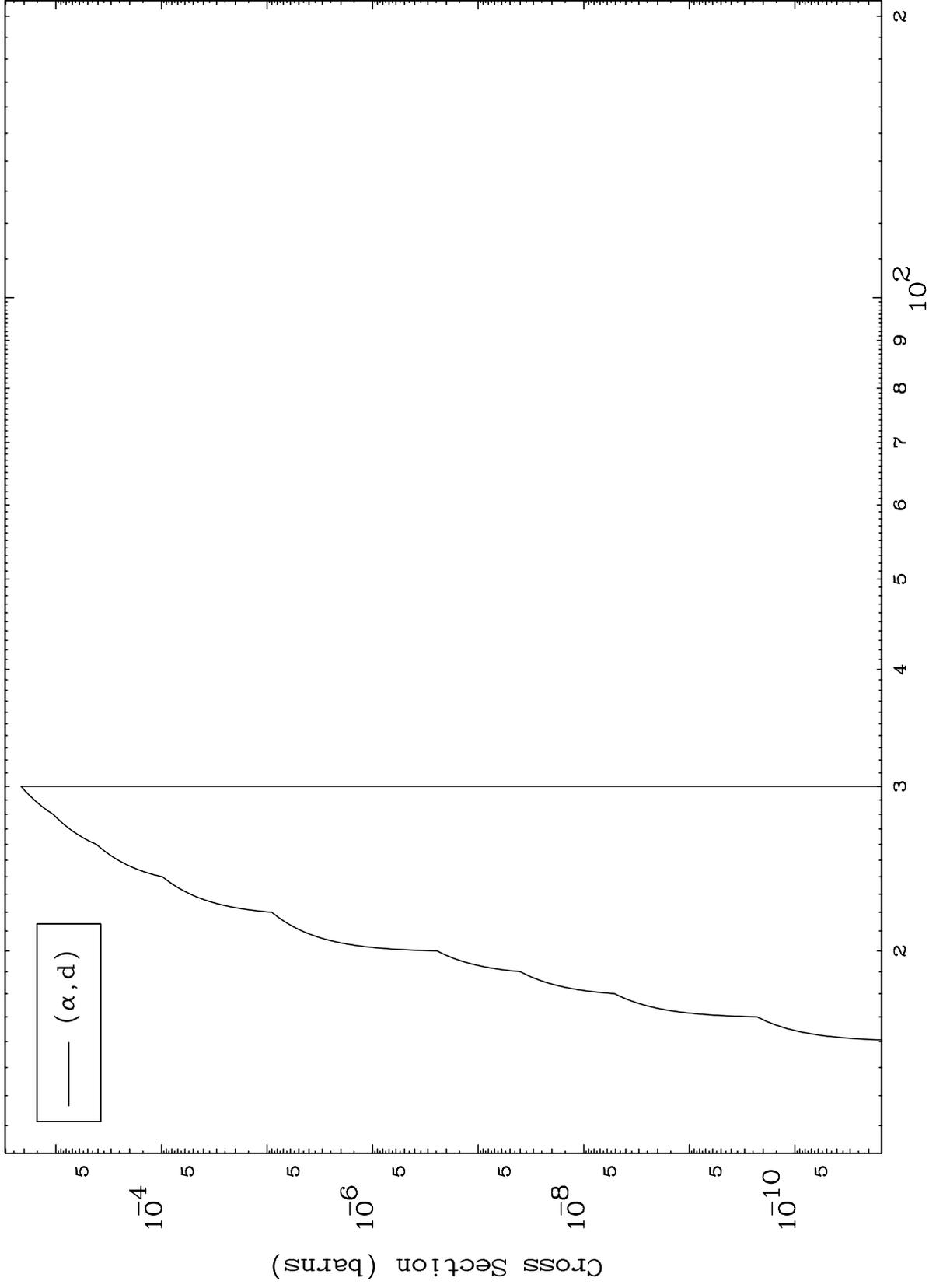
Incident Energy (MeV)

60-Nd-137

MAT 6011

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

60-Nd-137



7

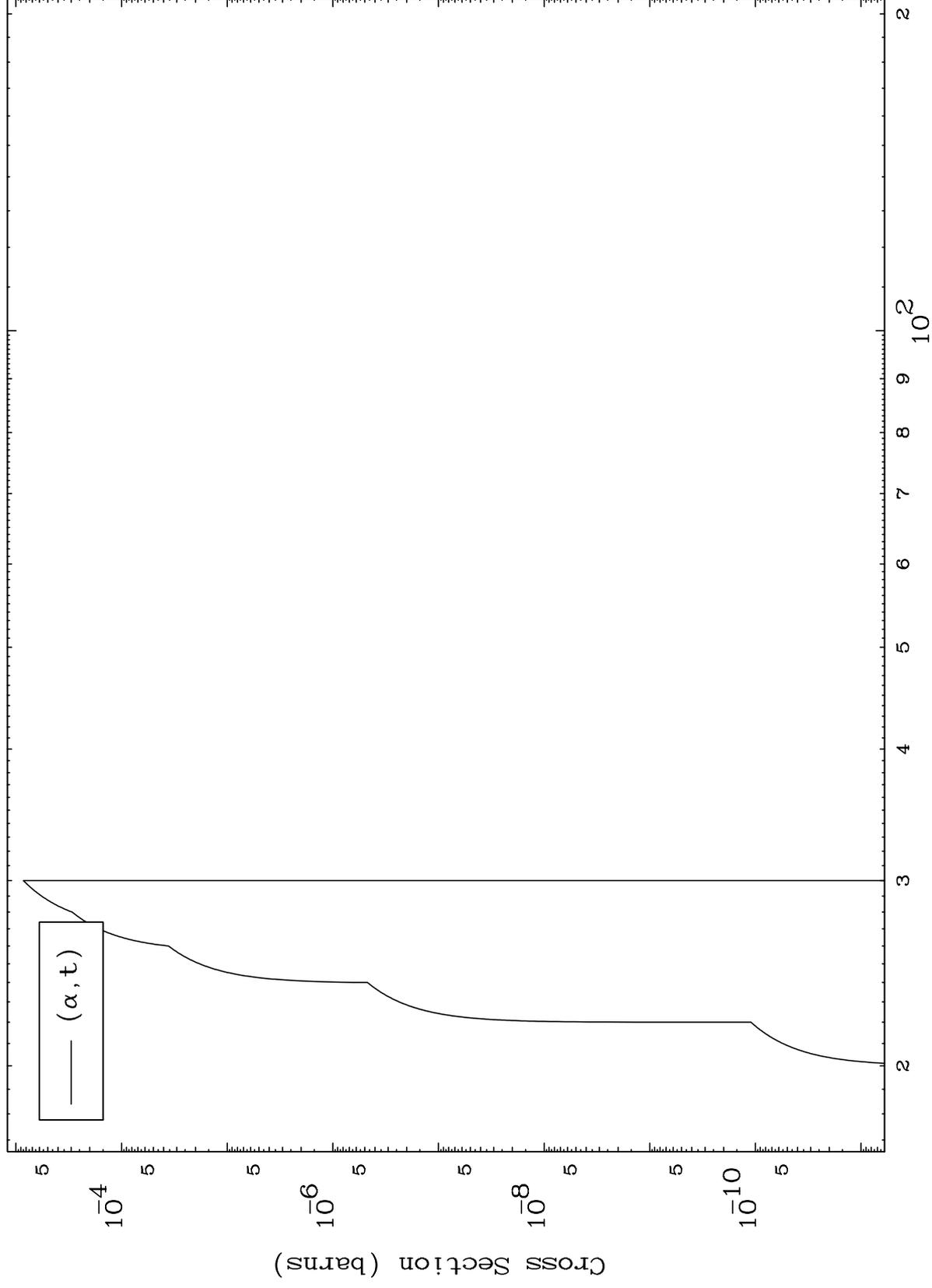
Incident Energy (MeV)

60-Nd-137

MAT 6011

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

60-Nd-137



8

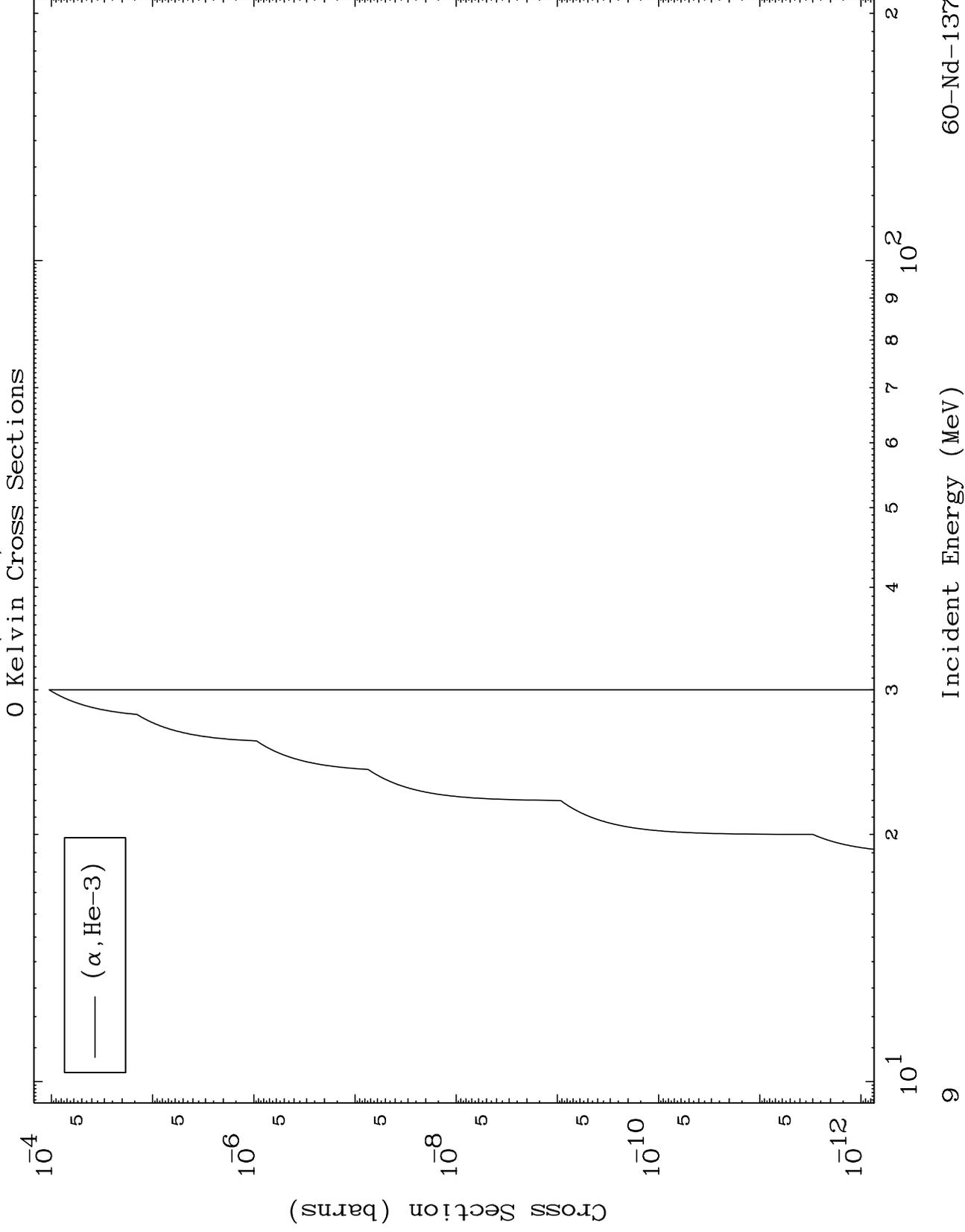
Incident Energy (MeV)

60-Nd-137

MAT 6011

( $\alpha$ , He3) Levels

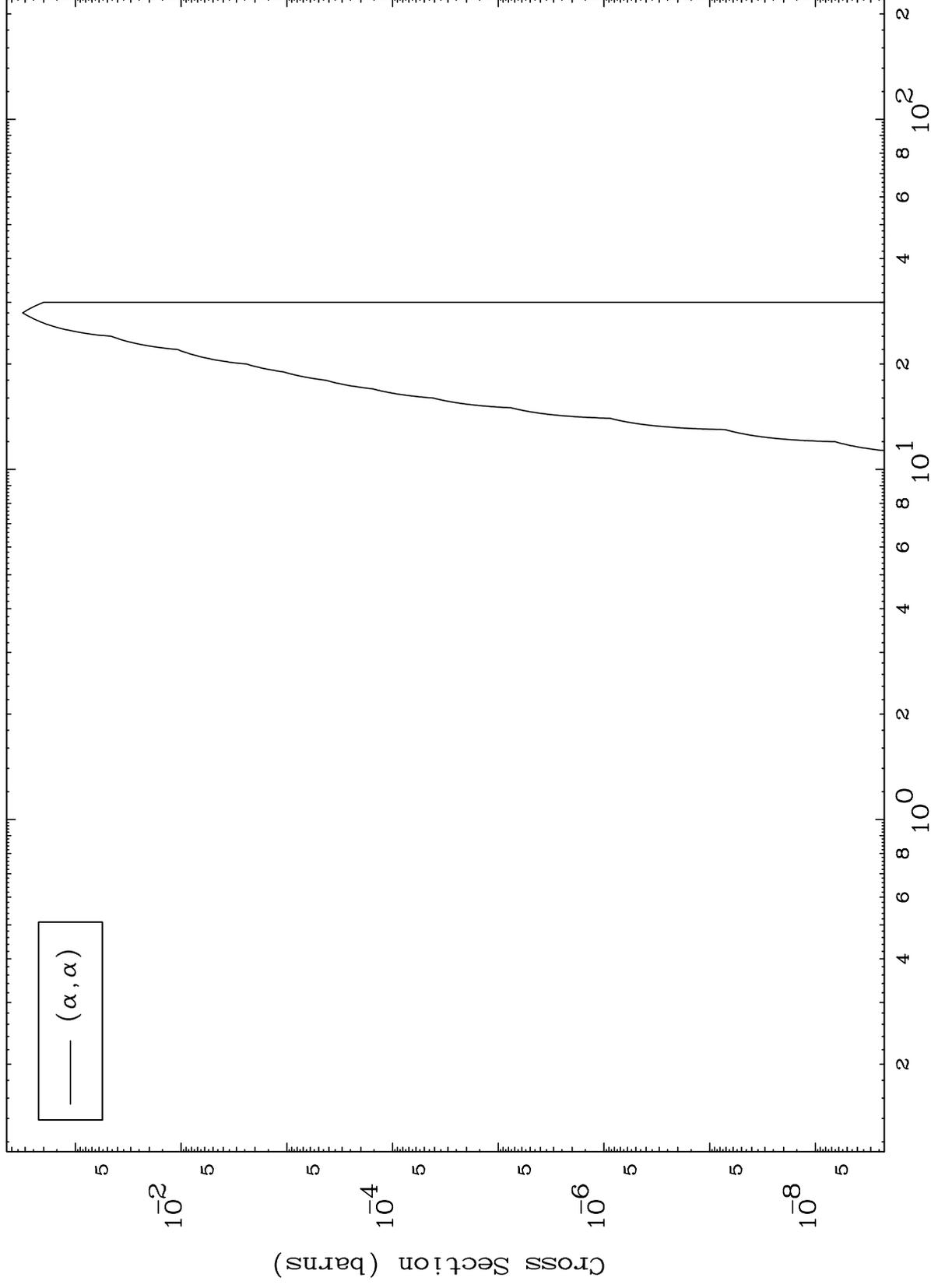
60-Nd-137



MAT 6011

60-Nd-137

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



60-Nd-137

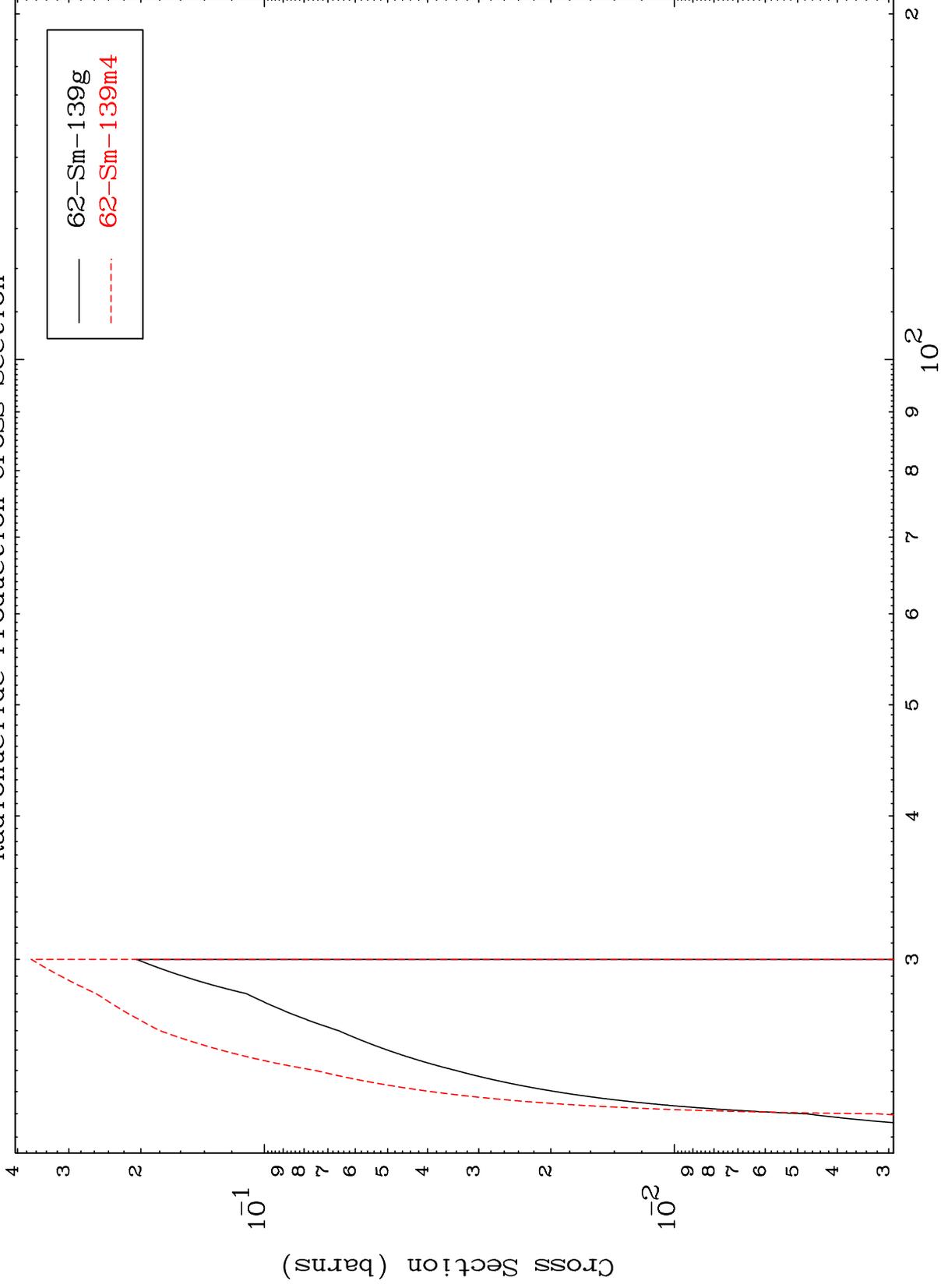
Incident Energy (MeV)

10

MAT 6011

60-Nd-137

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



11

Incident Energy (MeV)

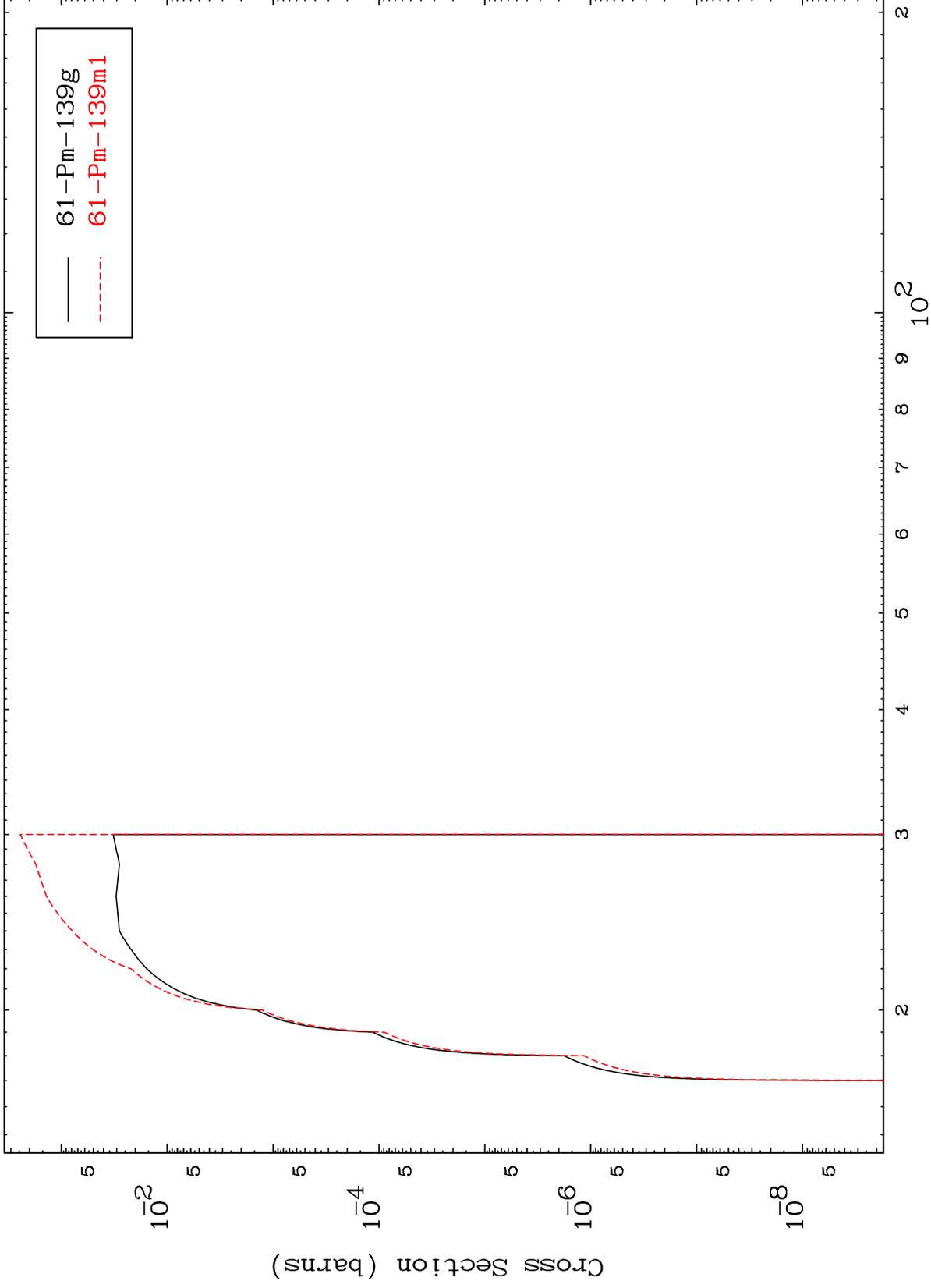
60-Nd-137

MAT 6011

$(\alpha, n')$  p

$^{60}\text{Nd}-137$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

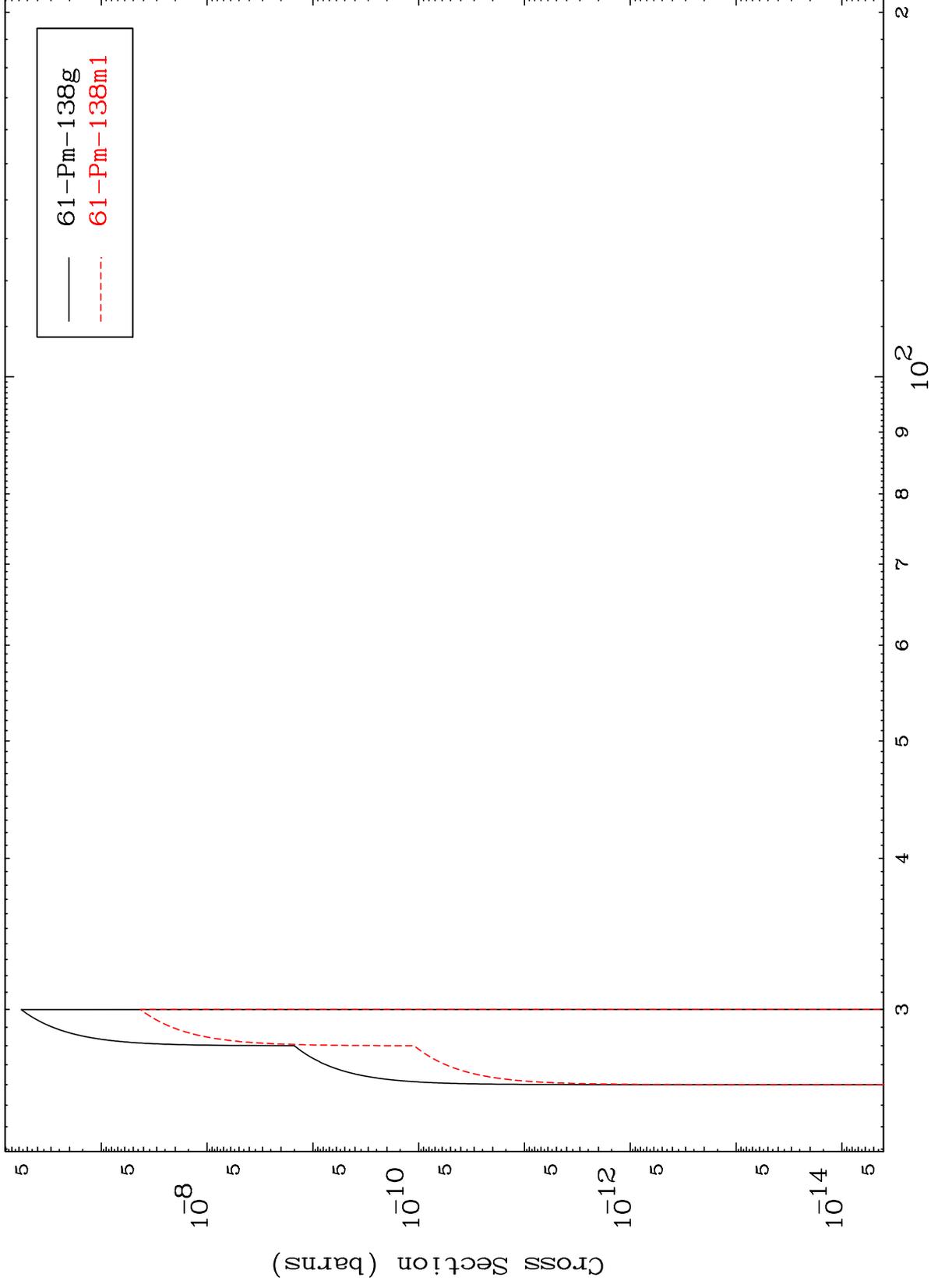
$^{60}\text{Nd}-137$

MAT 6011

$(\alpha, n')$  d

60-Nd-137

Radionuclide Production Cross Section



13

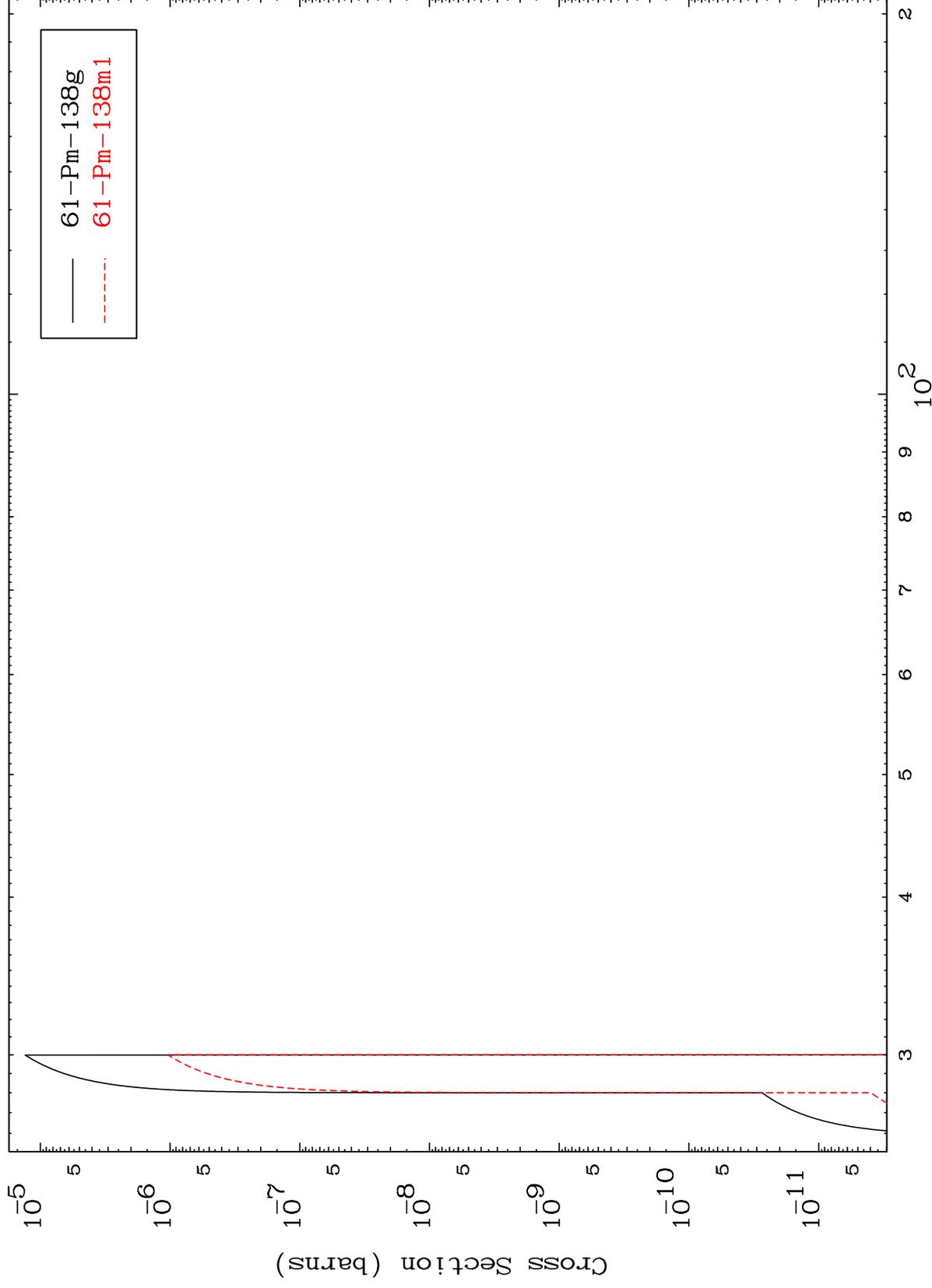
Incident Energy (MeV)

60-Nd-137

MAT 6011

60-Nd-137

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



60-Nd-137

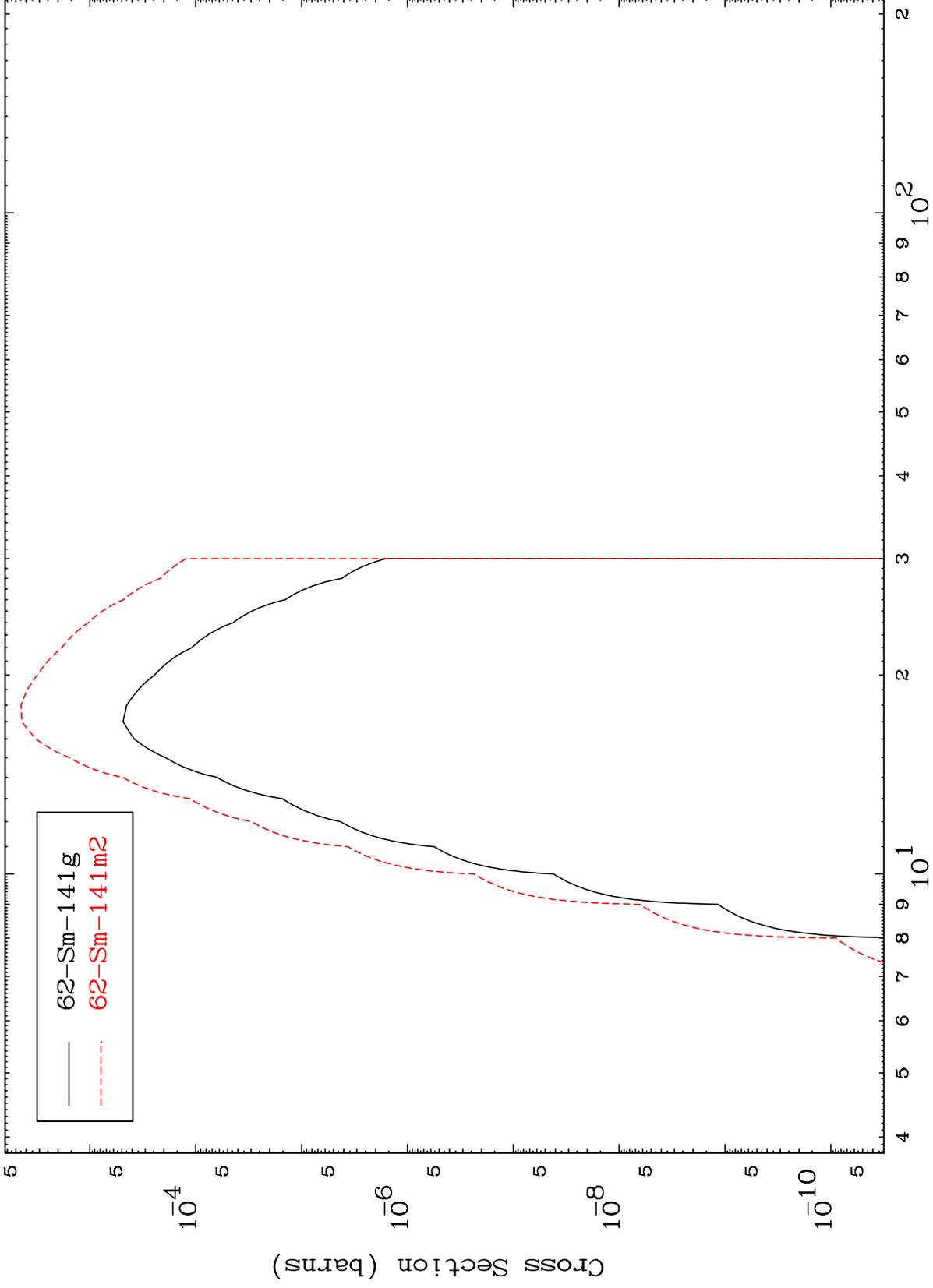
Incident Energy (MeV)

14

MAT 6011

60-Nd-137

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



60-Nd-137

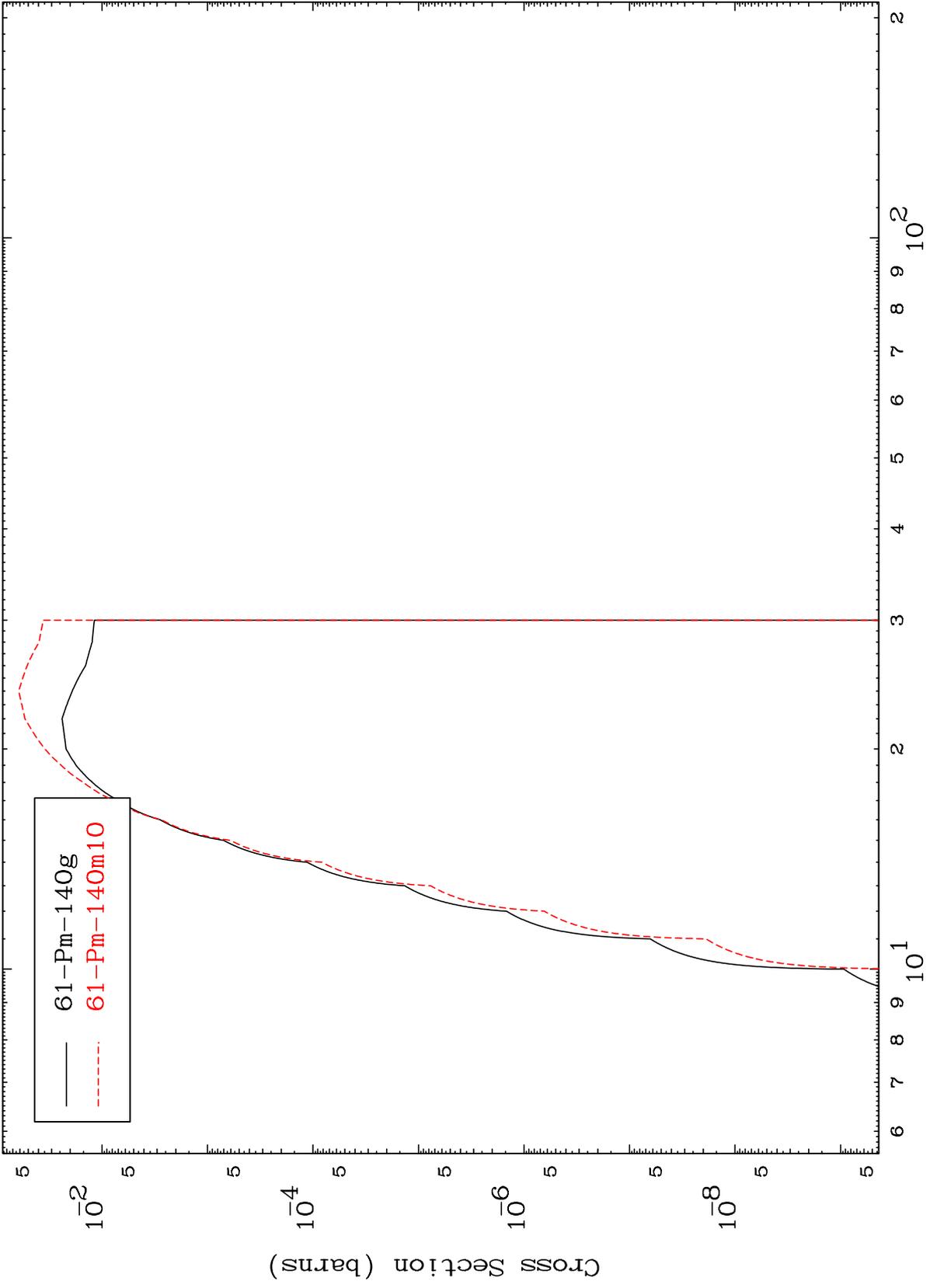
Incident Energy (MeV)

15

MAT 6011

60-Nd-137

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



16

Incident Energy (MeV)

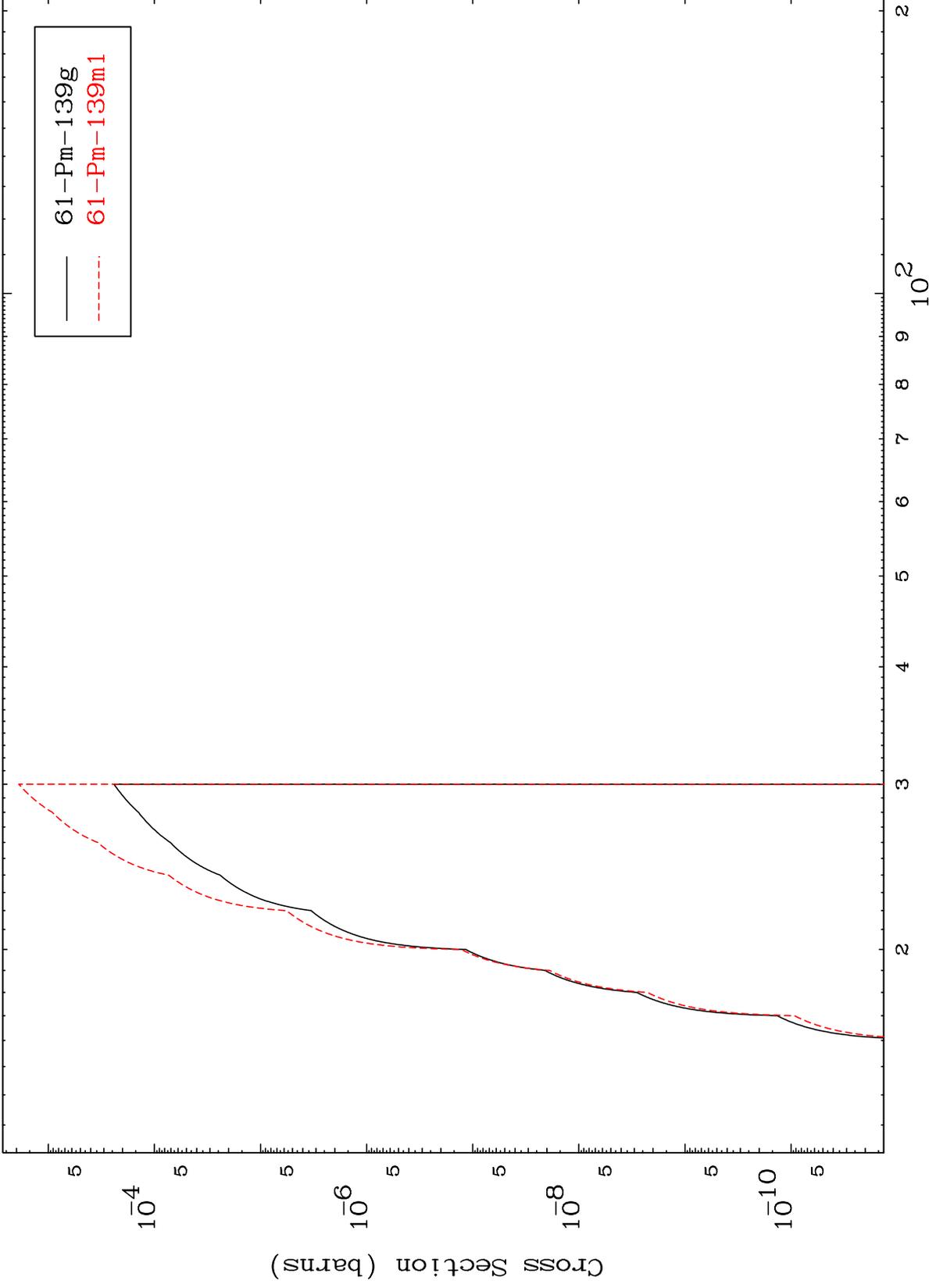
60-Nd-137

MAT 6011

( $\alpha, d$ )

$^{60}\text{Nd}-^{137}$

Radionuclide Production Cross Section

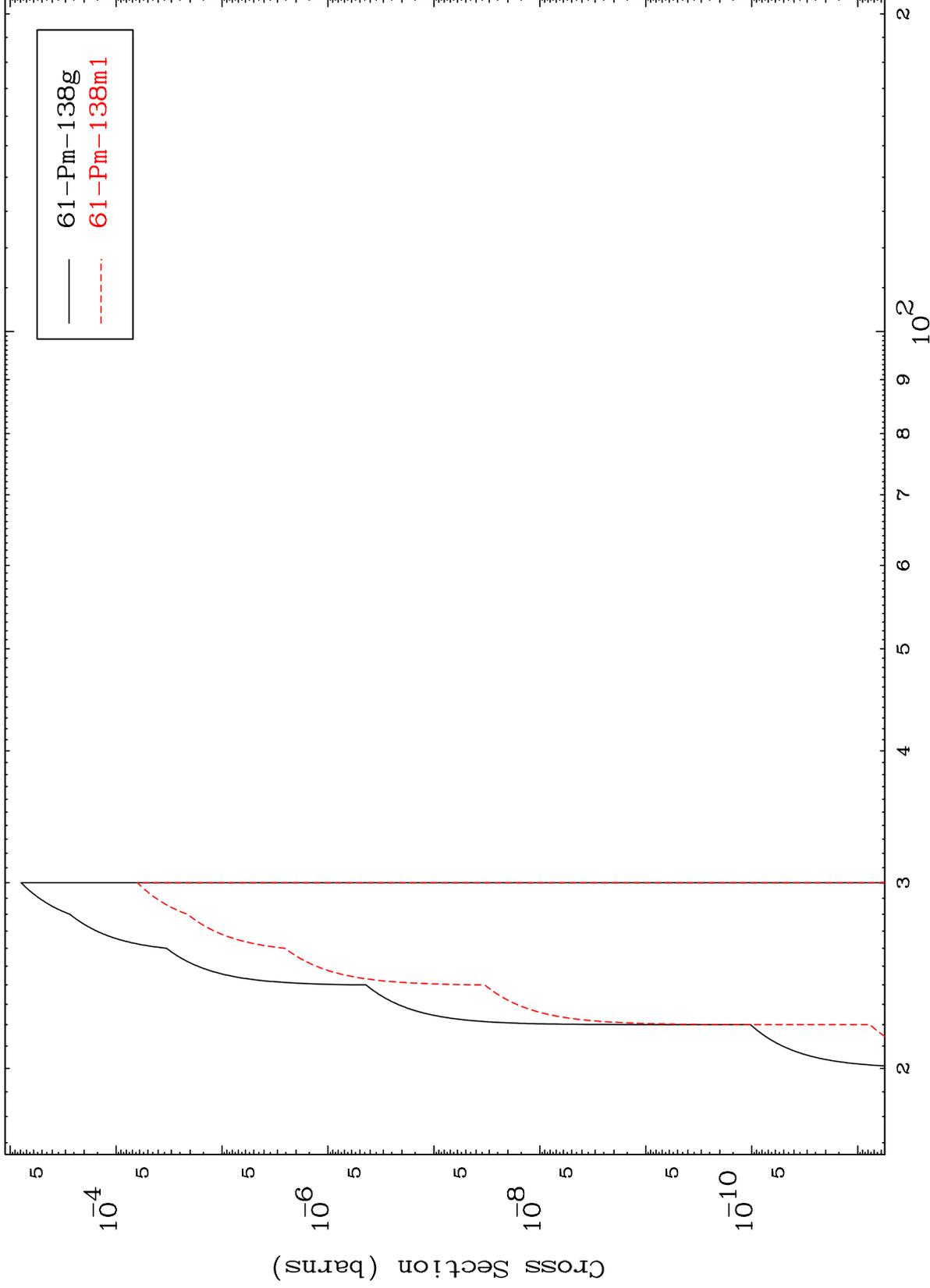


17

Incident Energy (MeV)

$^{60}\text{Nd}-^{137}$

Radionuclide Production Cross Section

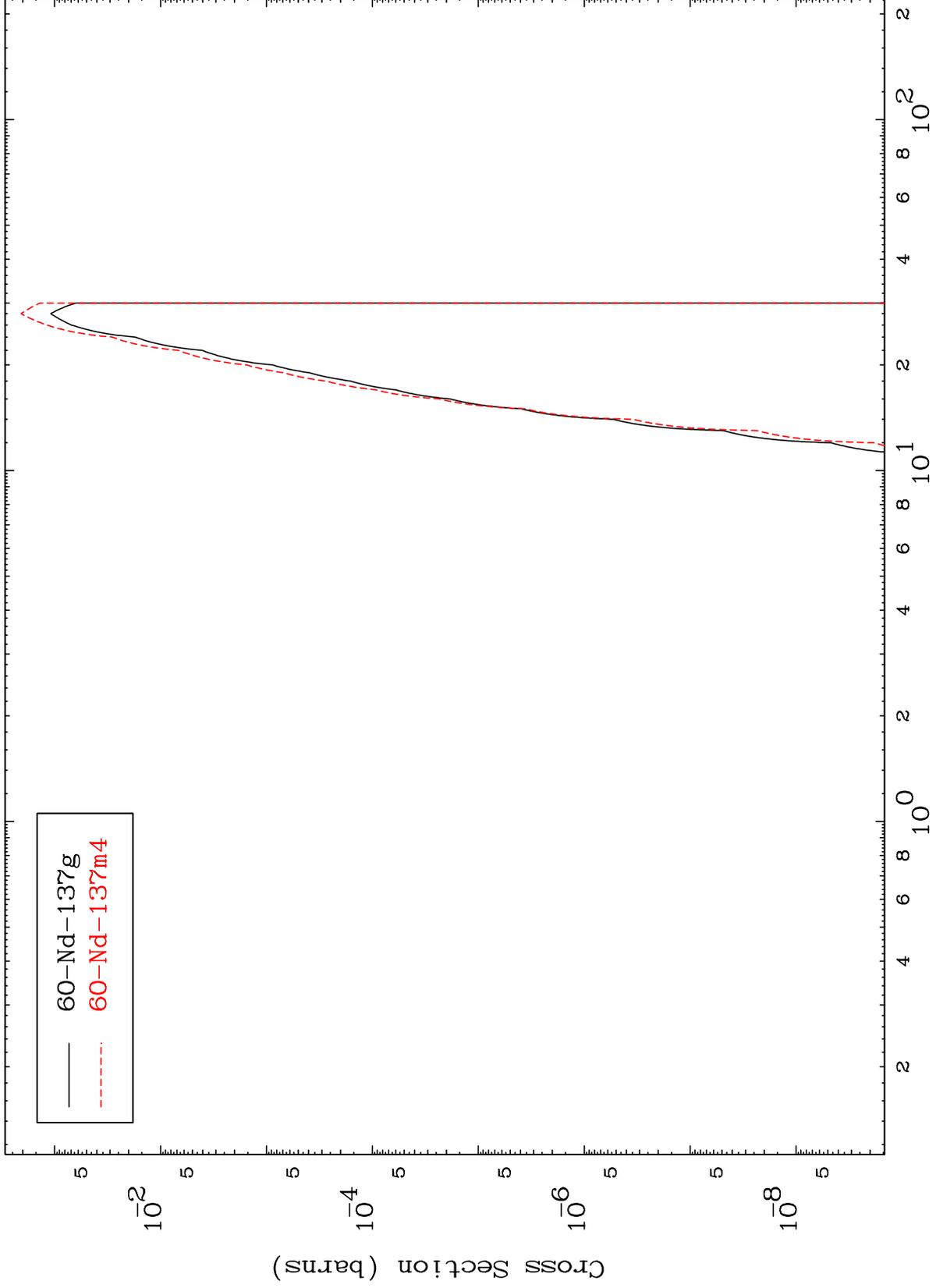


MAT 6011

( $\alpha, \alpha$ )

$^{60}\text{Nd}-137$

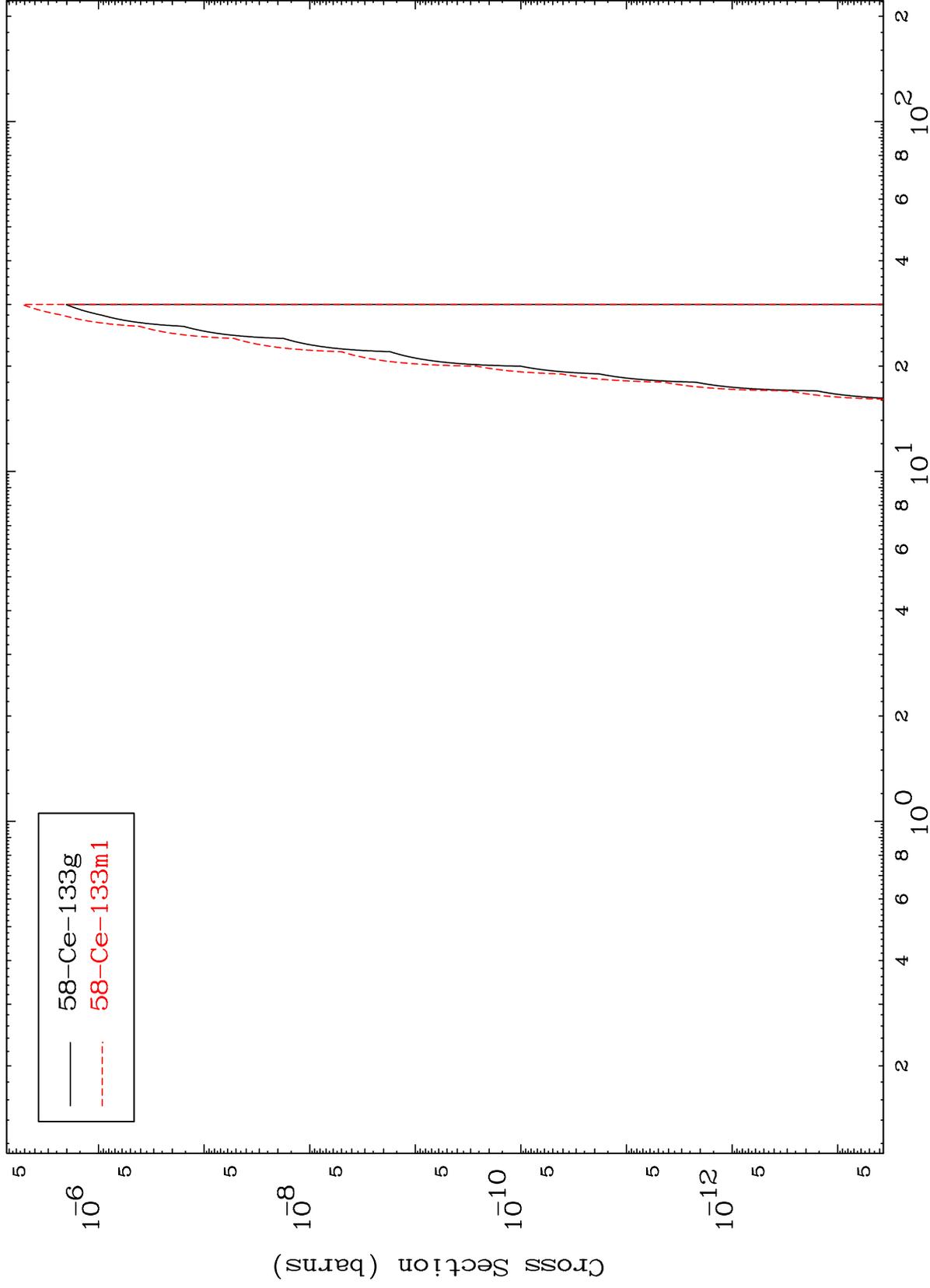
Radionuclide Production Cross Section



MAT 6011

60-Nd-137

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



20

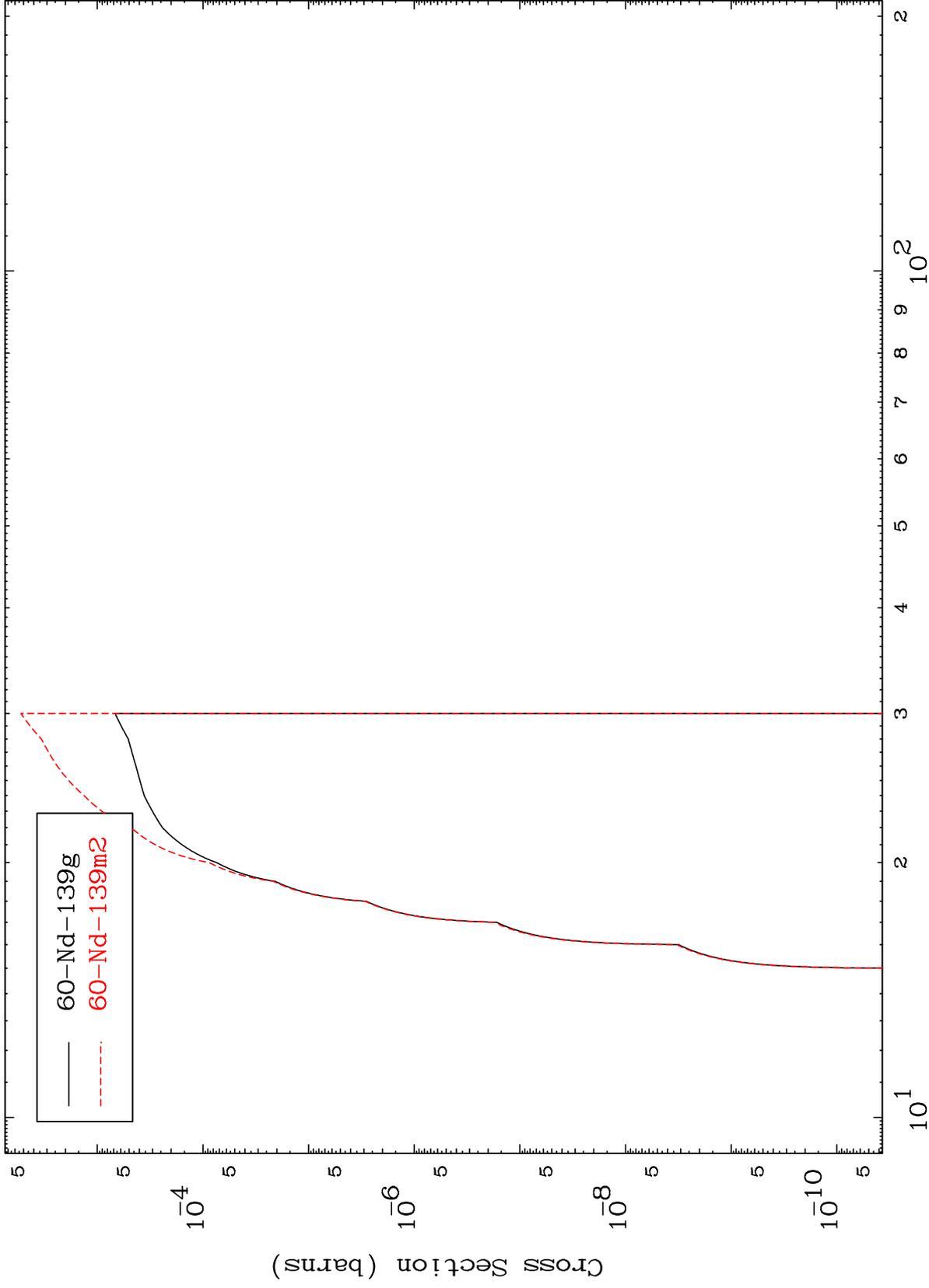
Incident Energy (MeV)

60-Nd-137

MAT 6011

60-Nd-137

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



60-Nd-137

Incident Energy (MeV)

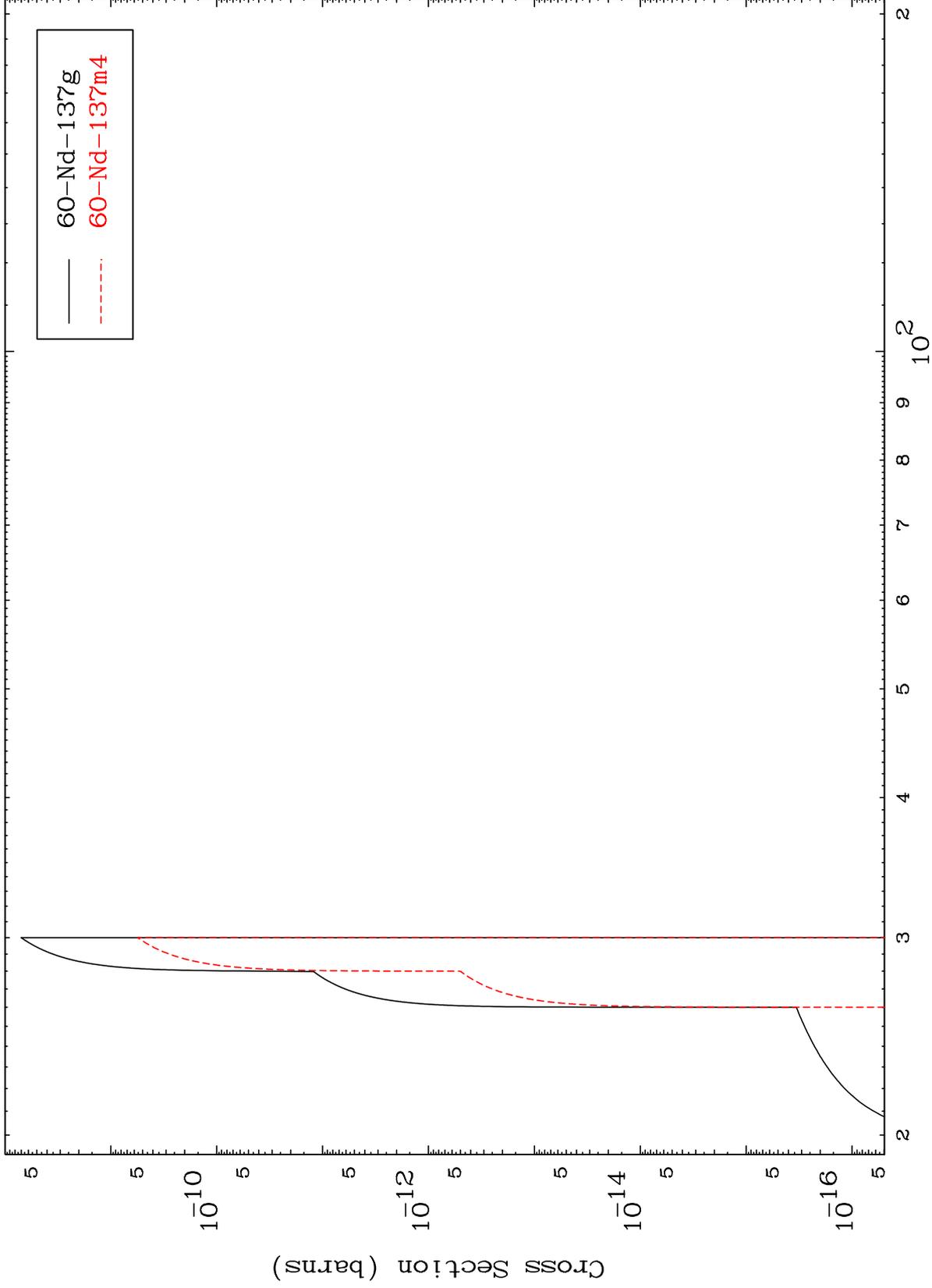
21

MAT 6011

( $\alpha, p$ ) t

$^{60}\text{Nd-137}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

$^{60}\text{Nd-137}$