

Program EVALPLOT  
(Version 2021-1)

by

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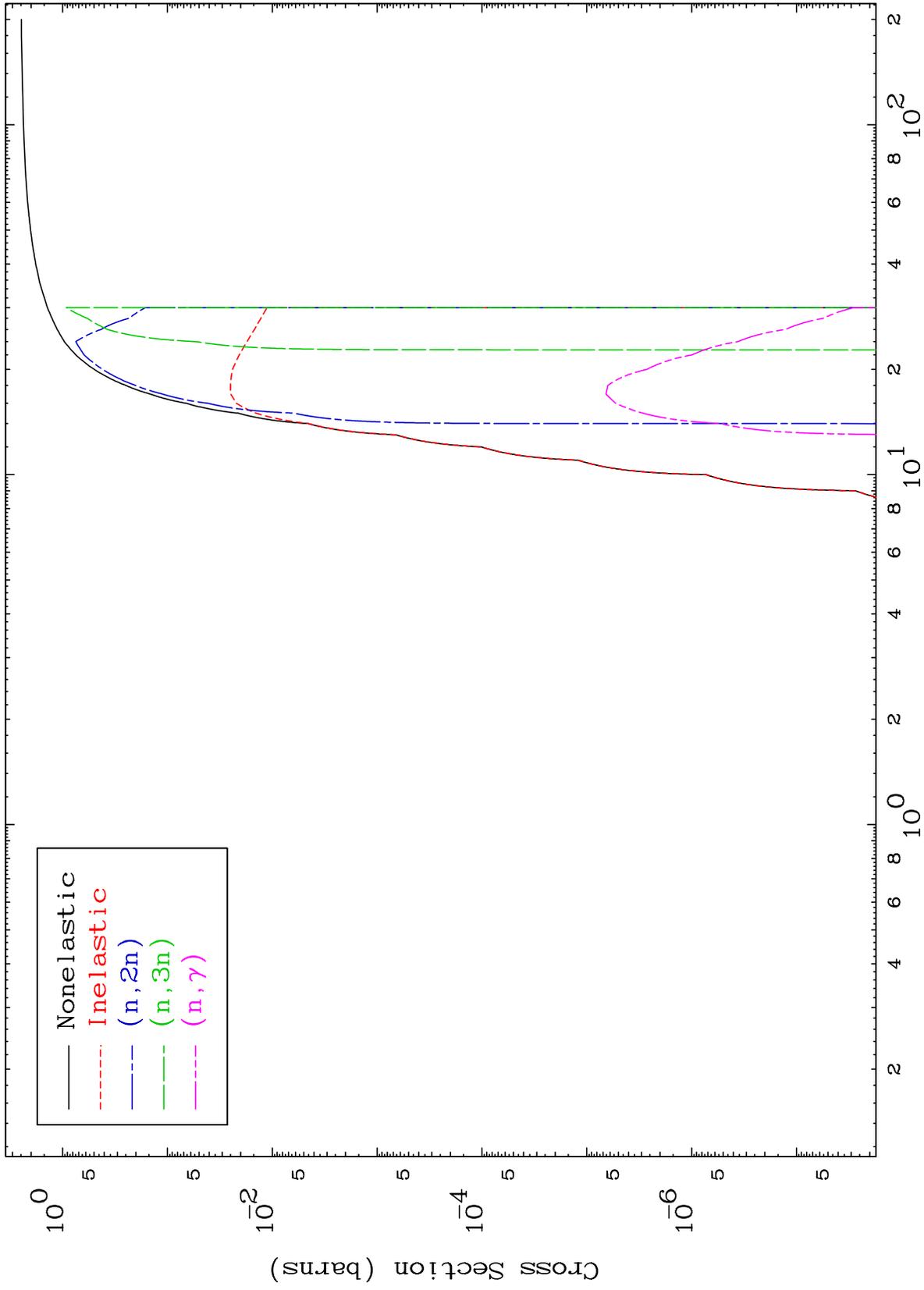
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6255

0 Kelvin  $\alpha$  Major  
Cross Sections

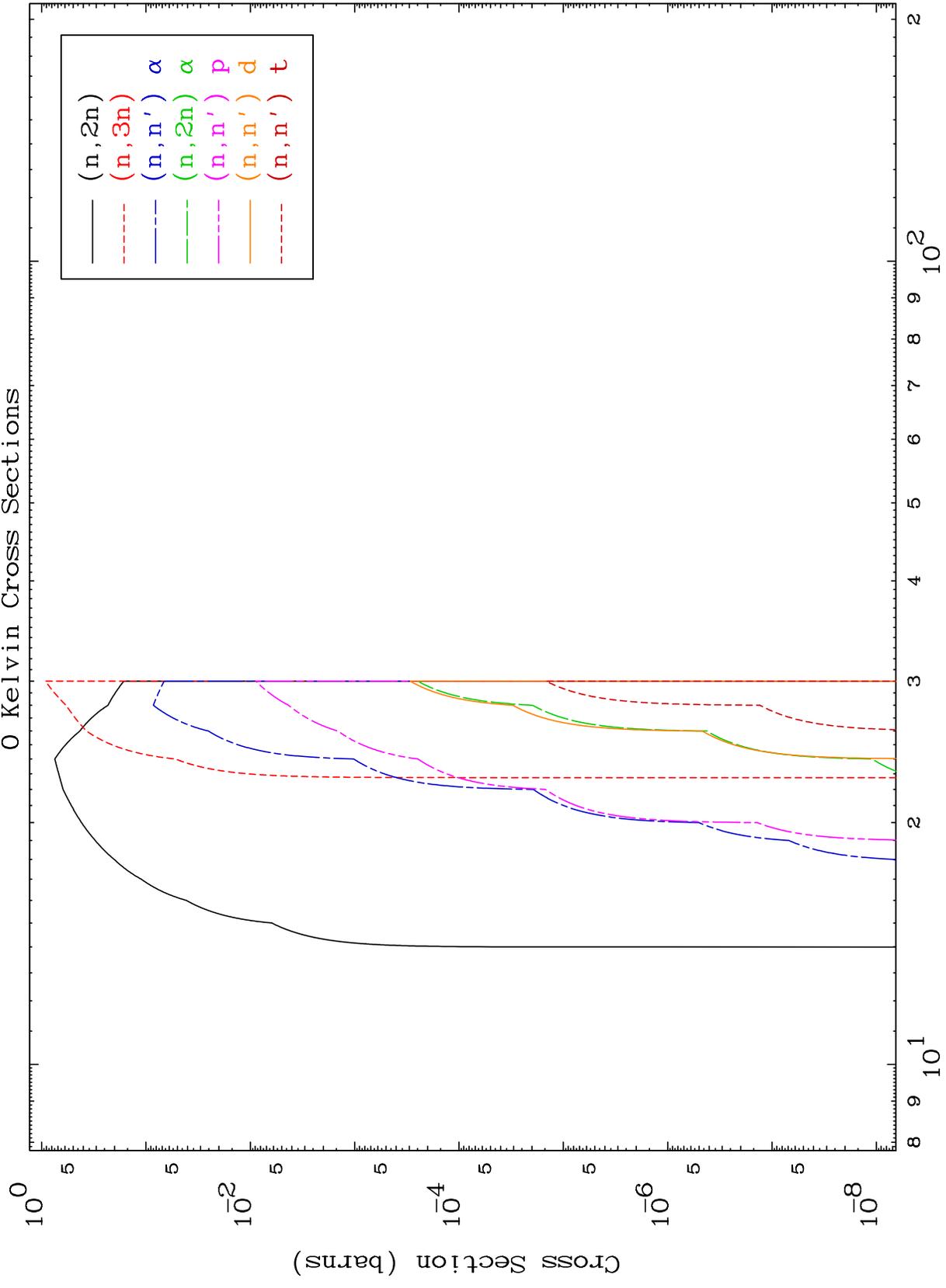
62-Sm-154



MAT 6255

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-154



2

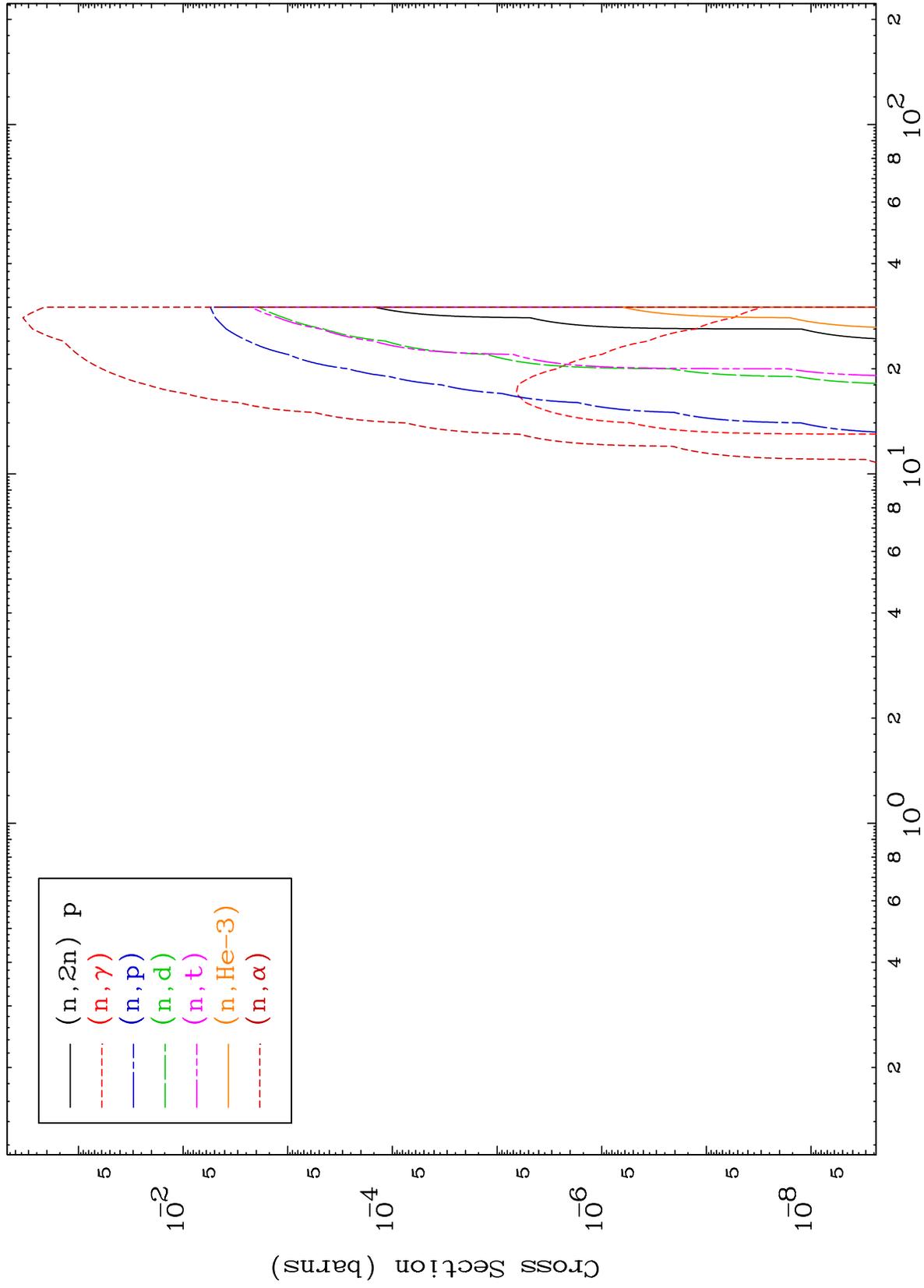
Incident Energy (MeV)

62-Sm-154

MAT 6255

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-154



3

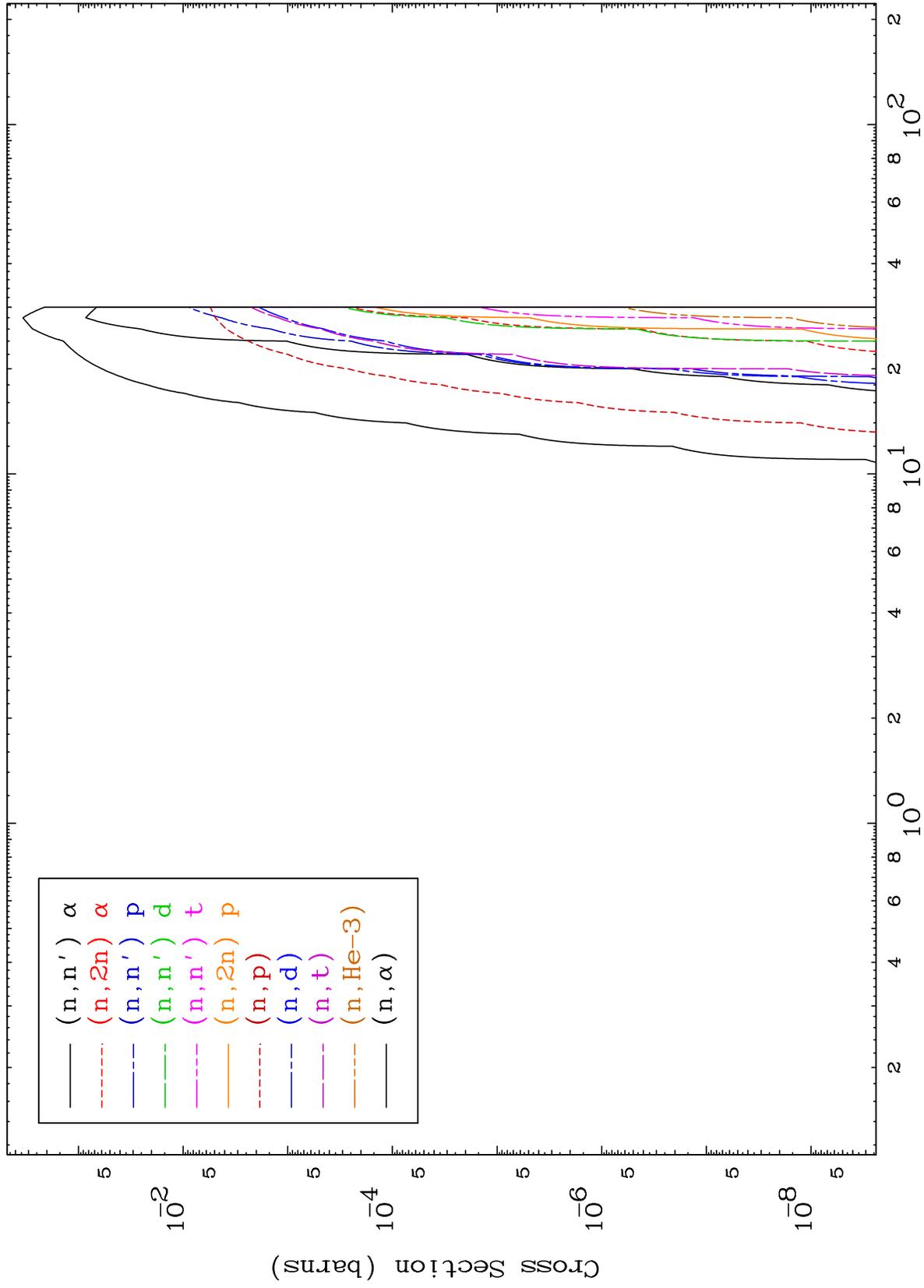
Incident Energy (MeV)

62-Sm-154

MAT 6255

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

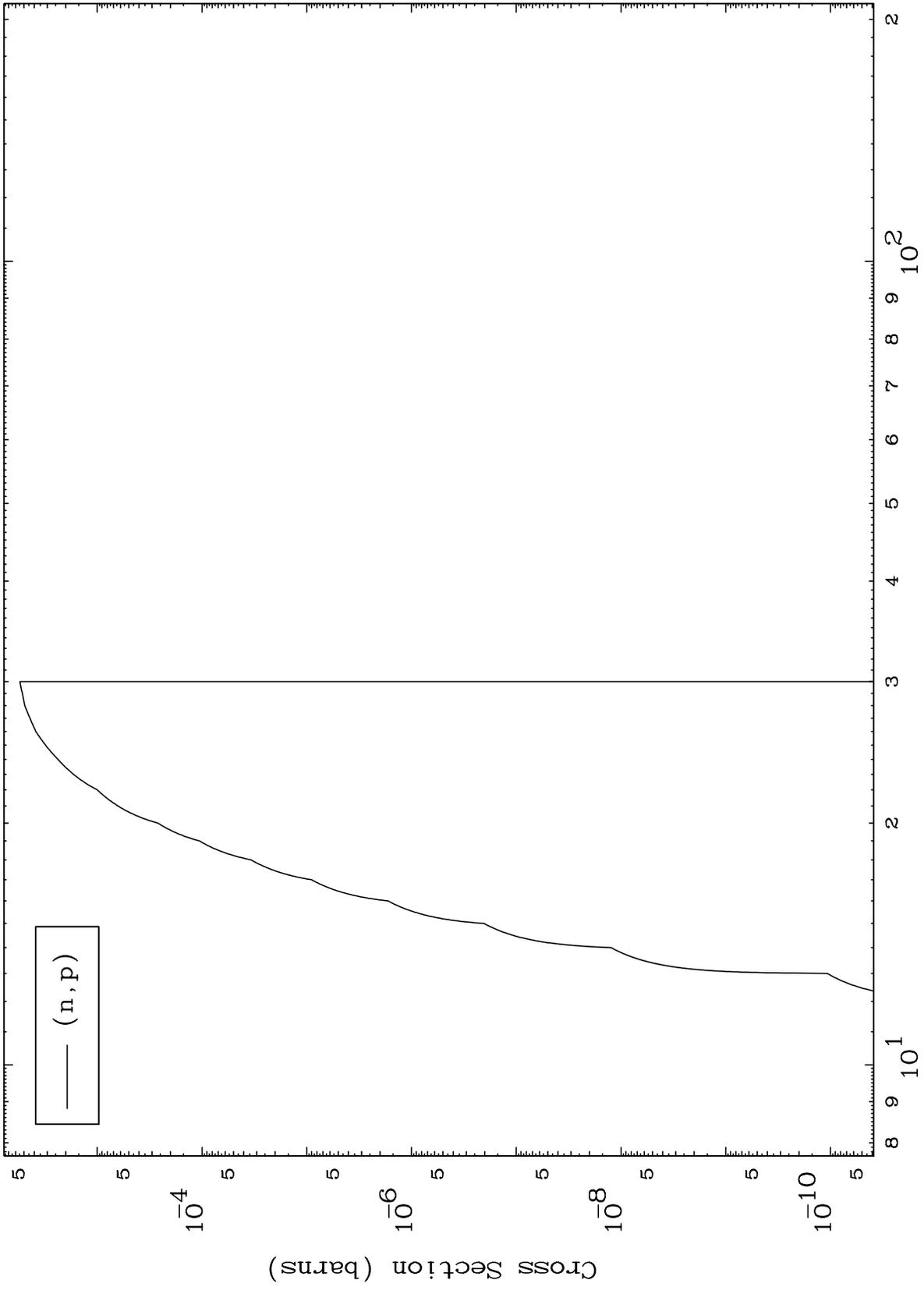
62-Sm-154



MAT 6255

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

62-Sm-154



5

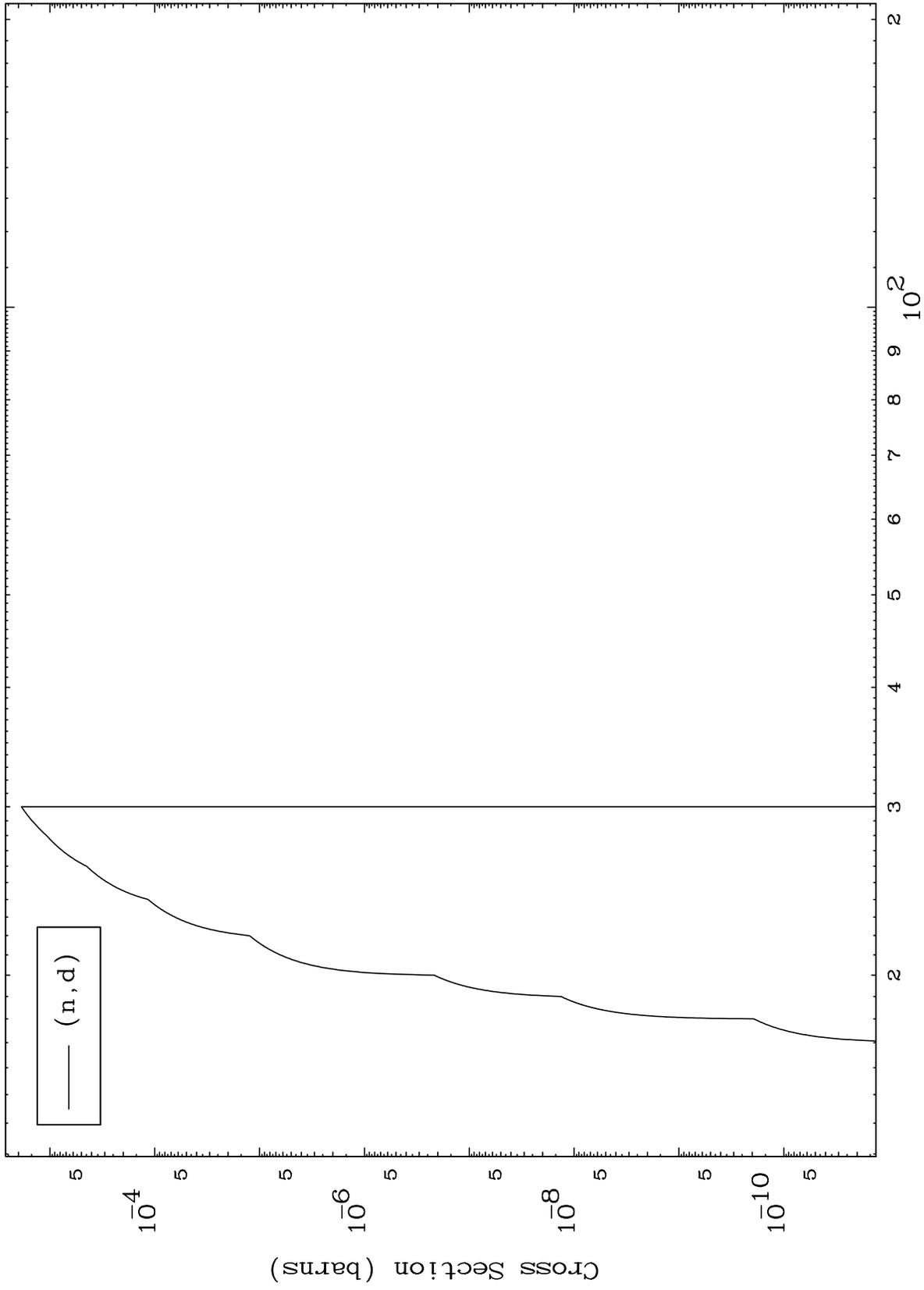
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



6

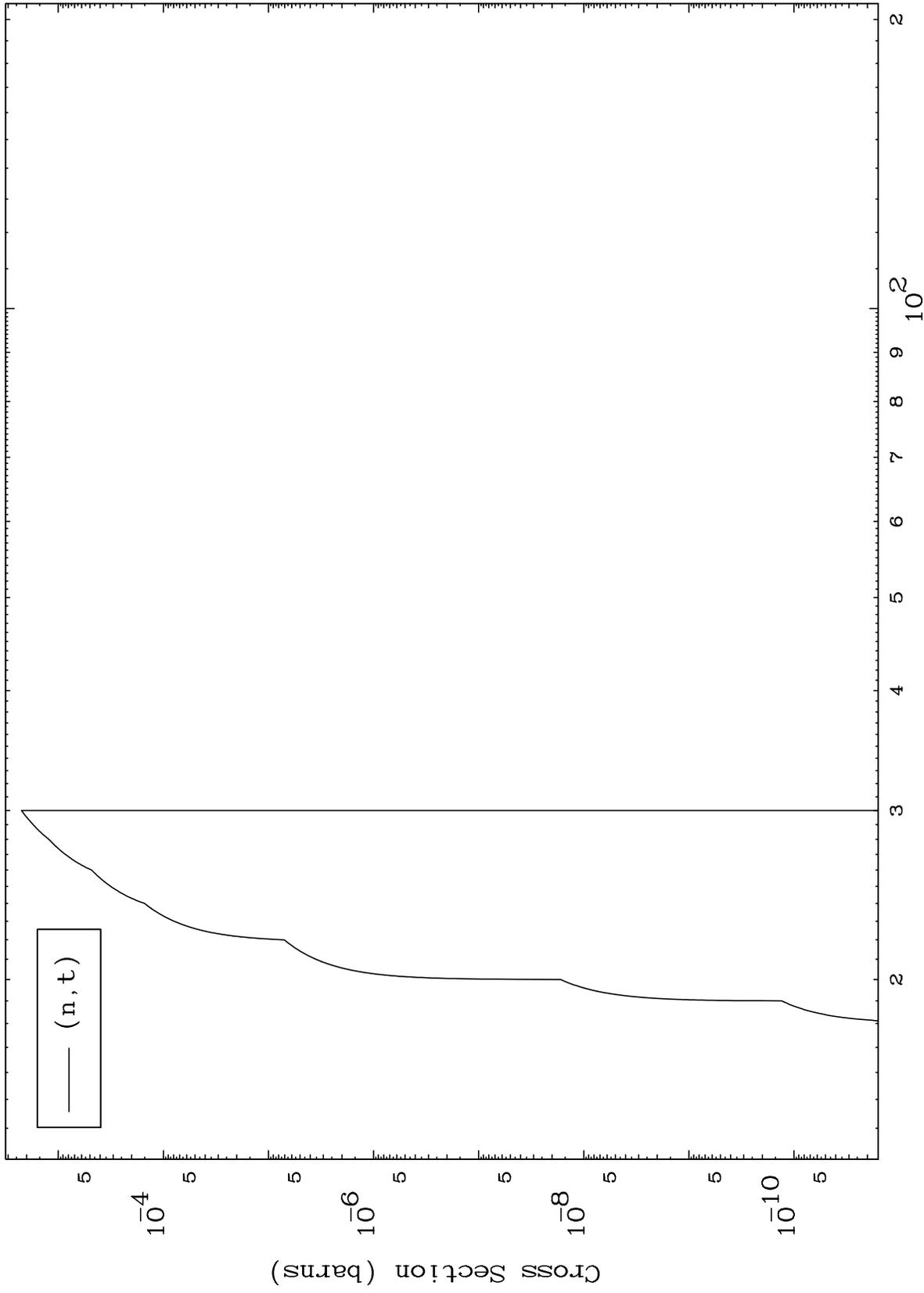
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



7

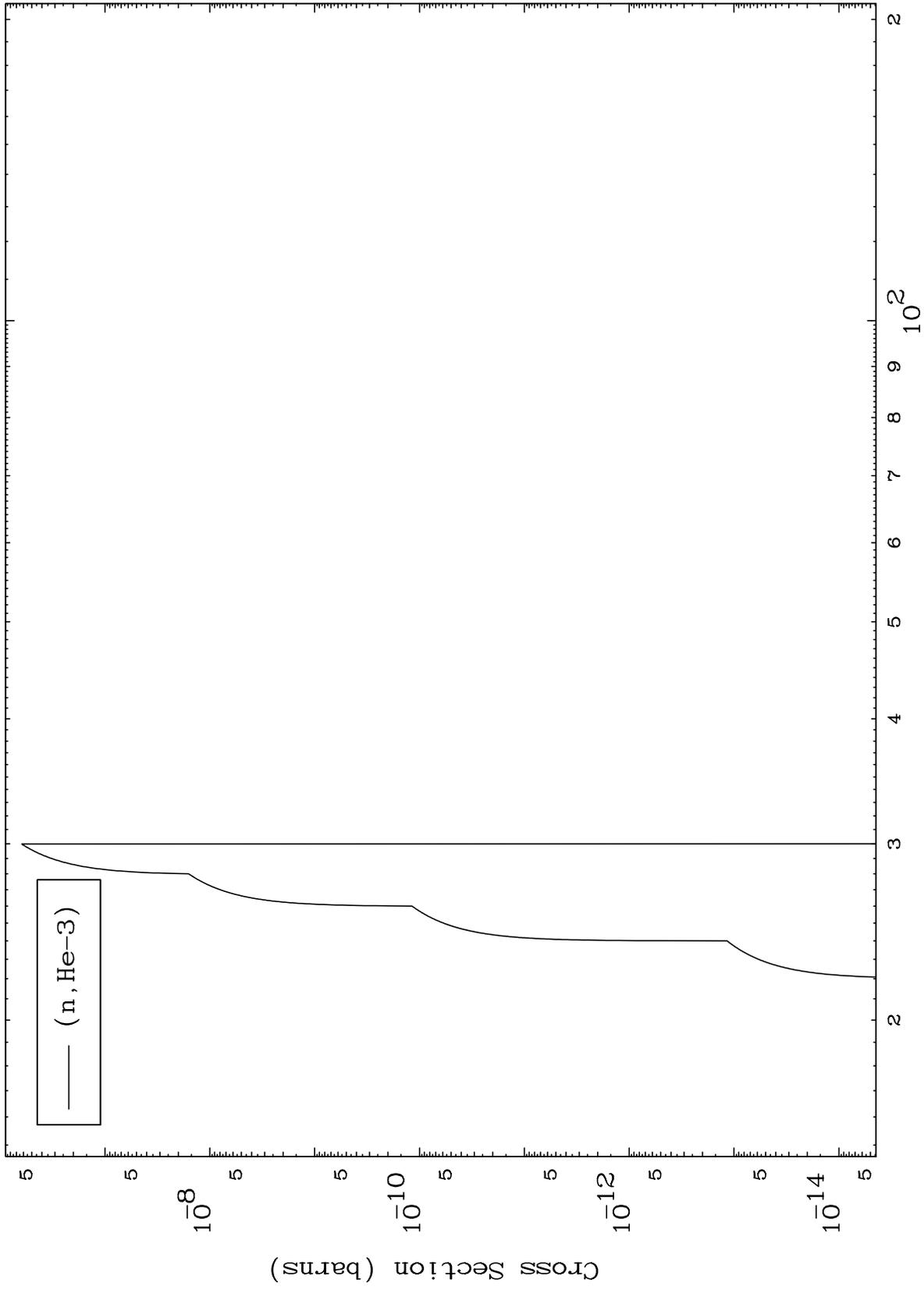
Incident Energy (MeV)

62-Sm-154

MAT 6255

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

62-Sm-154



8

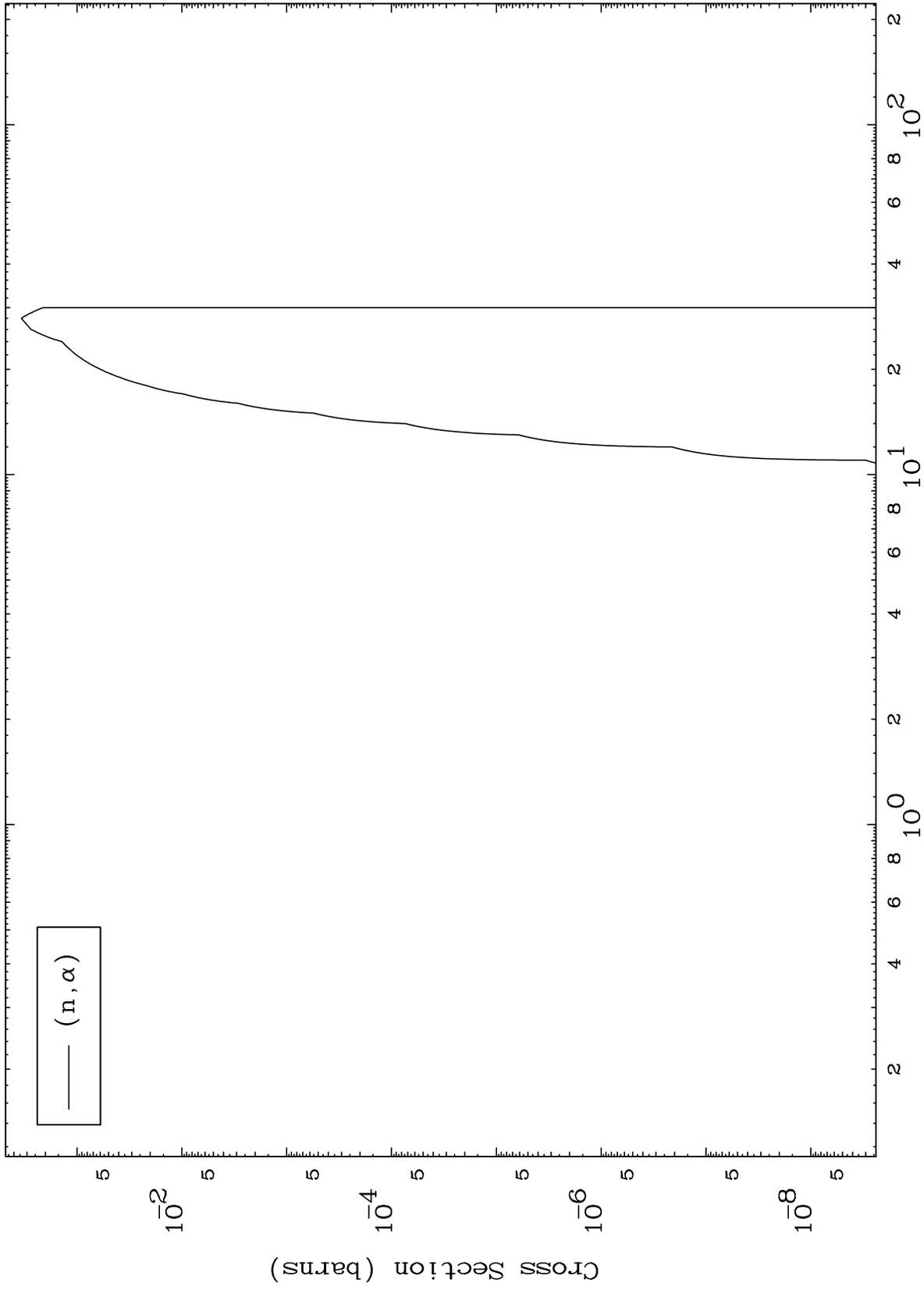
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154

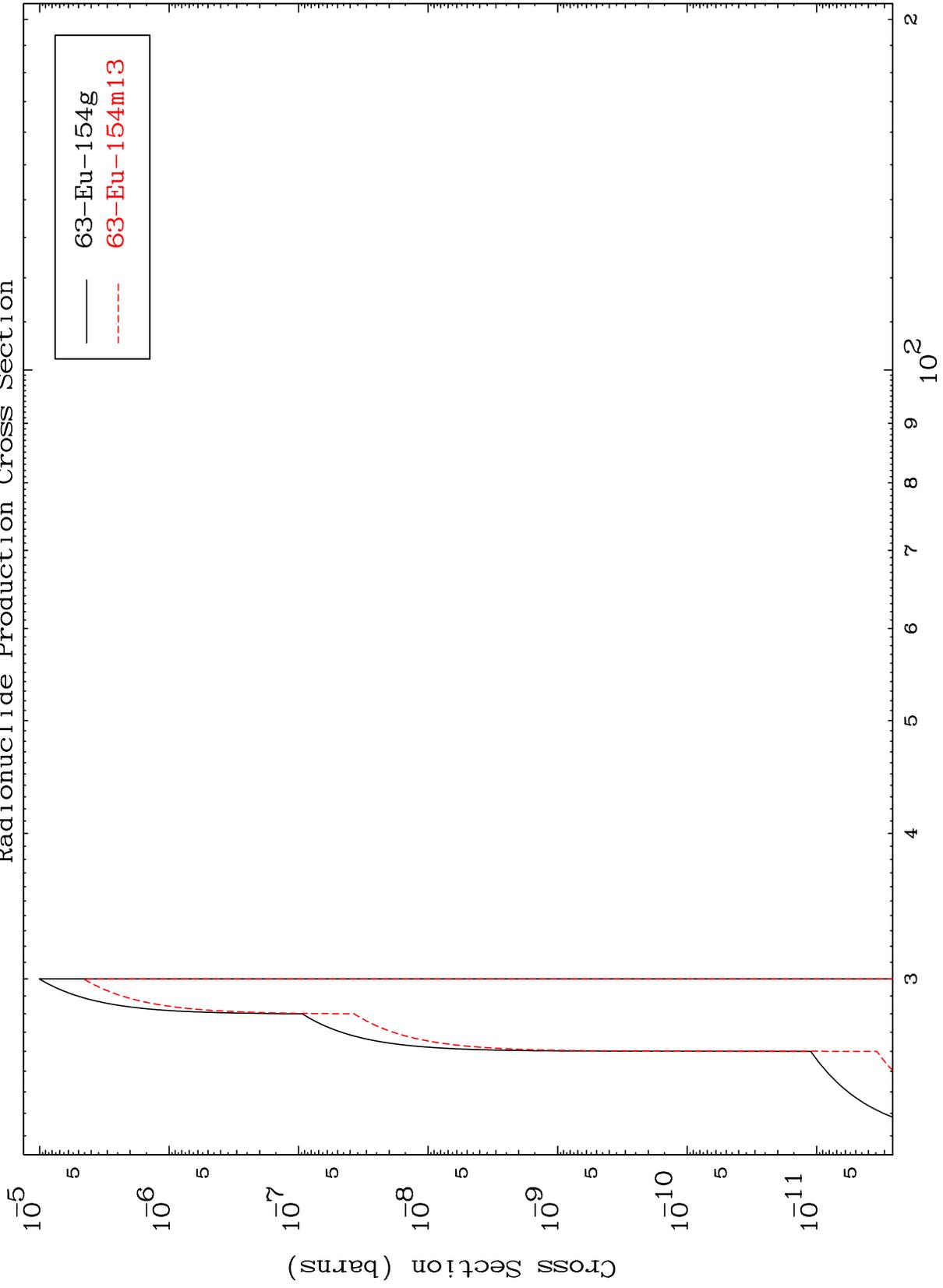


MAT 6255

(n, n') t

62-Sm-154

Radionuclide Production Cross Section



10

Incident Energy (MeV)

62-Sm-154