

Program EVALPLOT  
(Version 2018-1)

by

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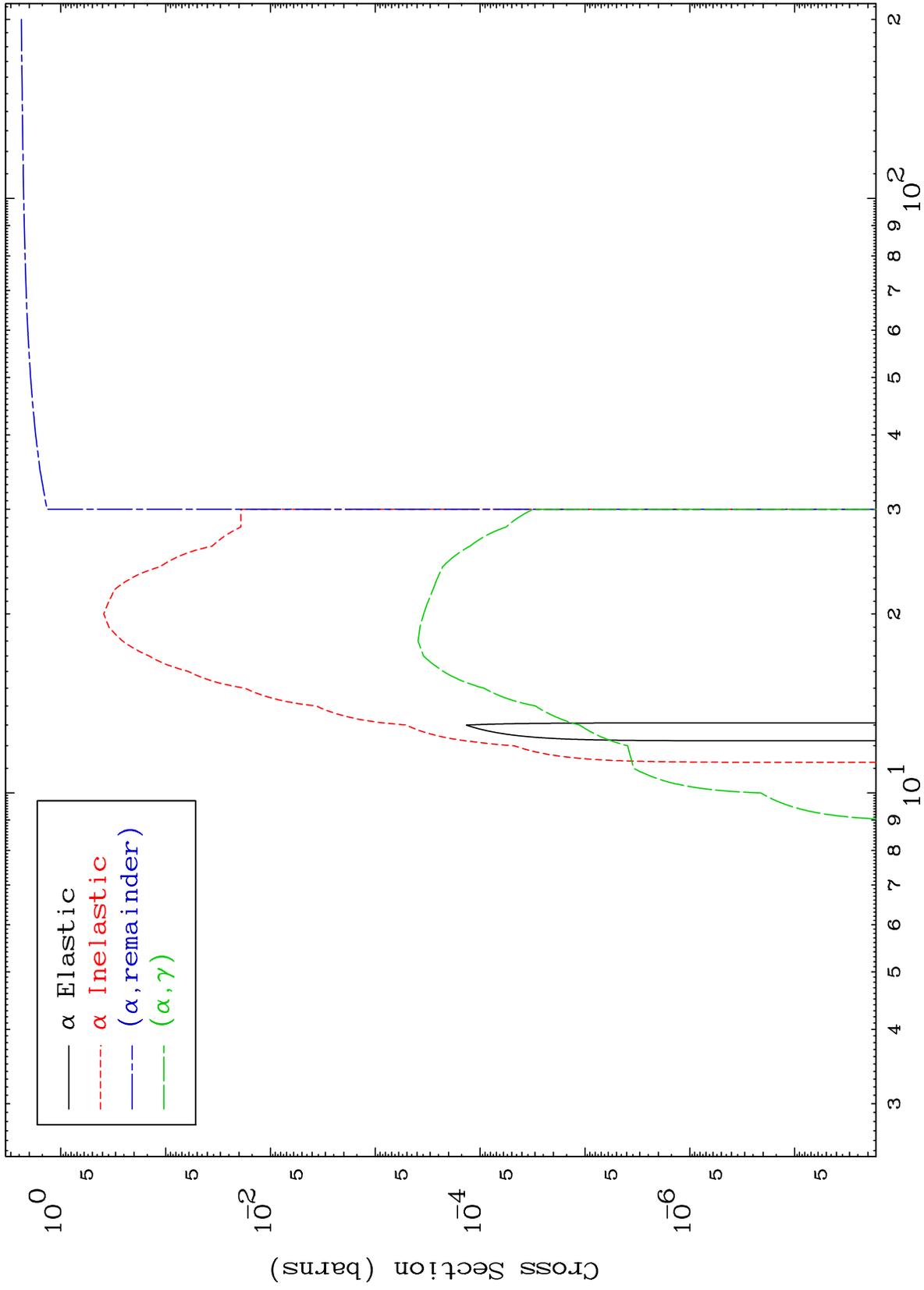
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

0 Kelvin  $\alpha$  Major  
Cross Sections

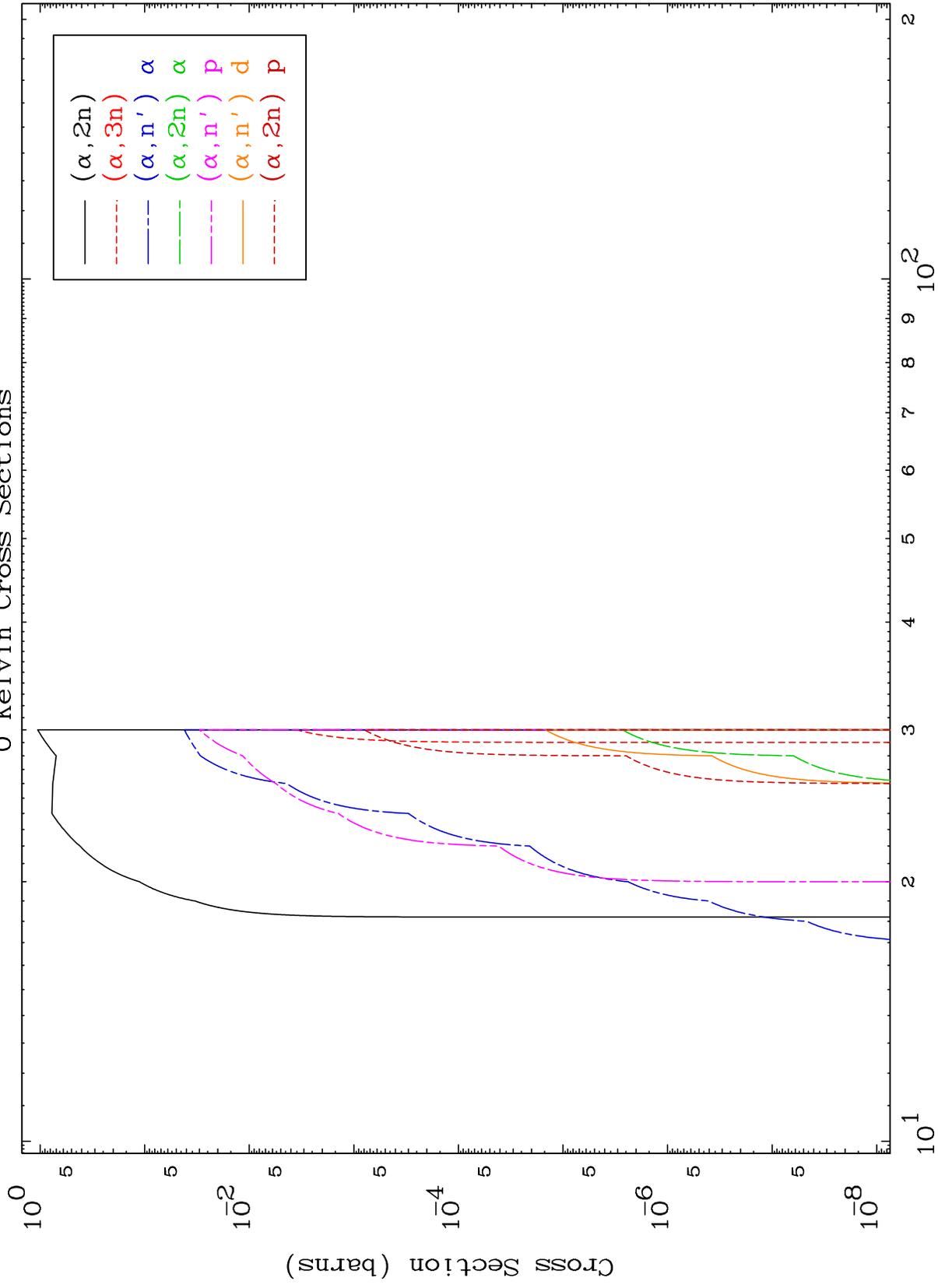
60-Nd-142



MAT 6025

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

60-Nd-142



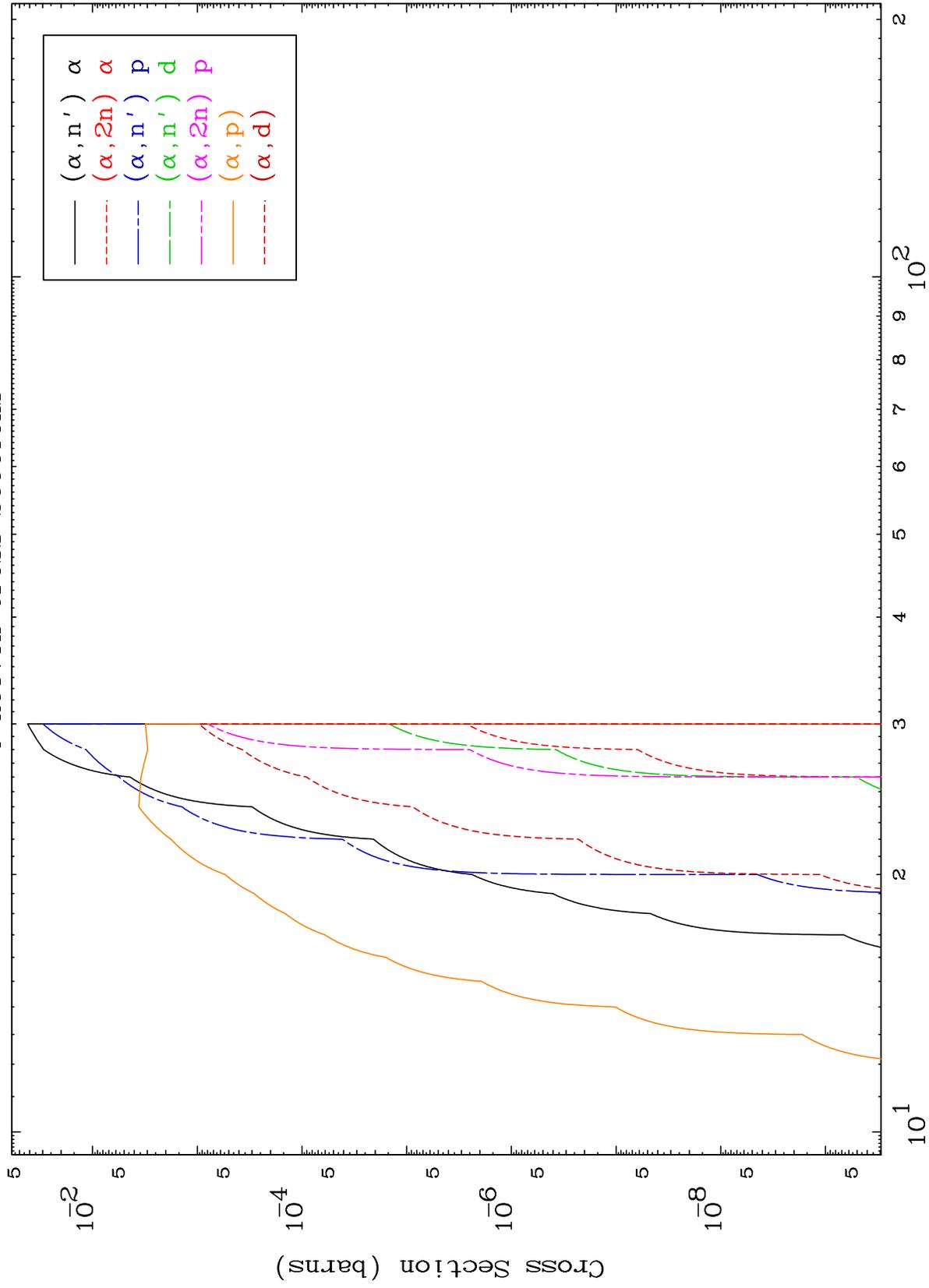
Incident Energy (MeV)

60-Nd-142

MAT 6025

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

60-Nd-142



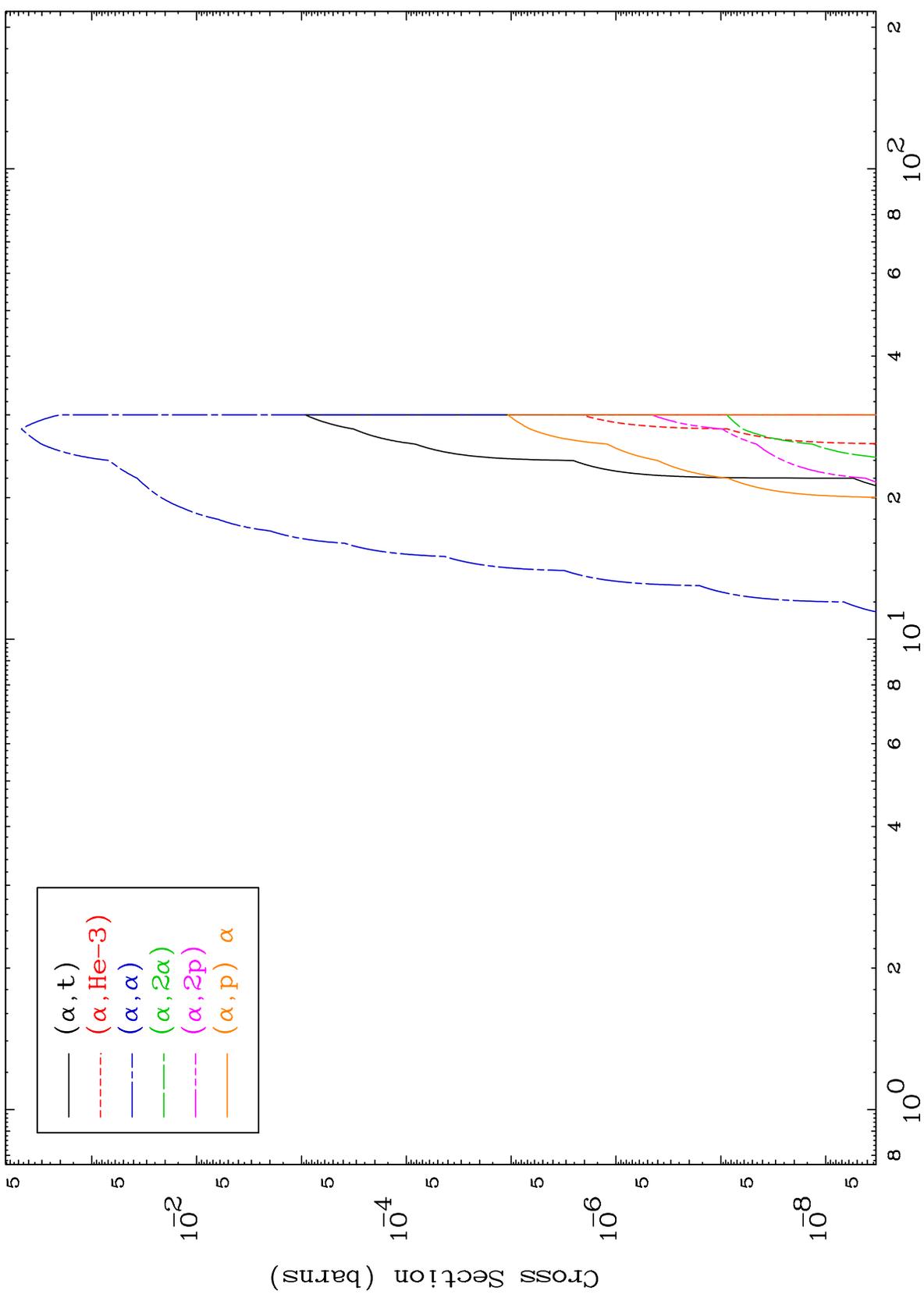
Incident Energy (MeV)

60-Nd-142

MAT 6025

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

60-Nd-142



4

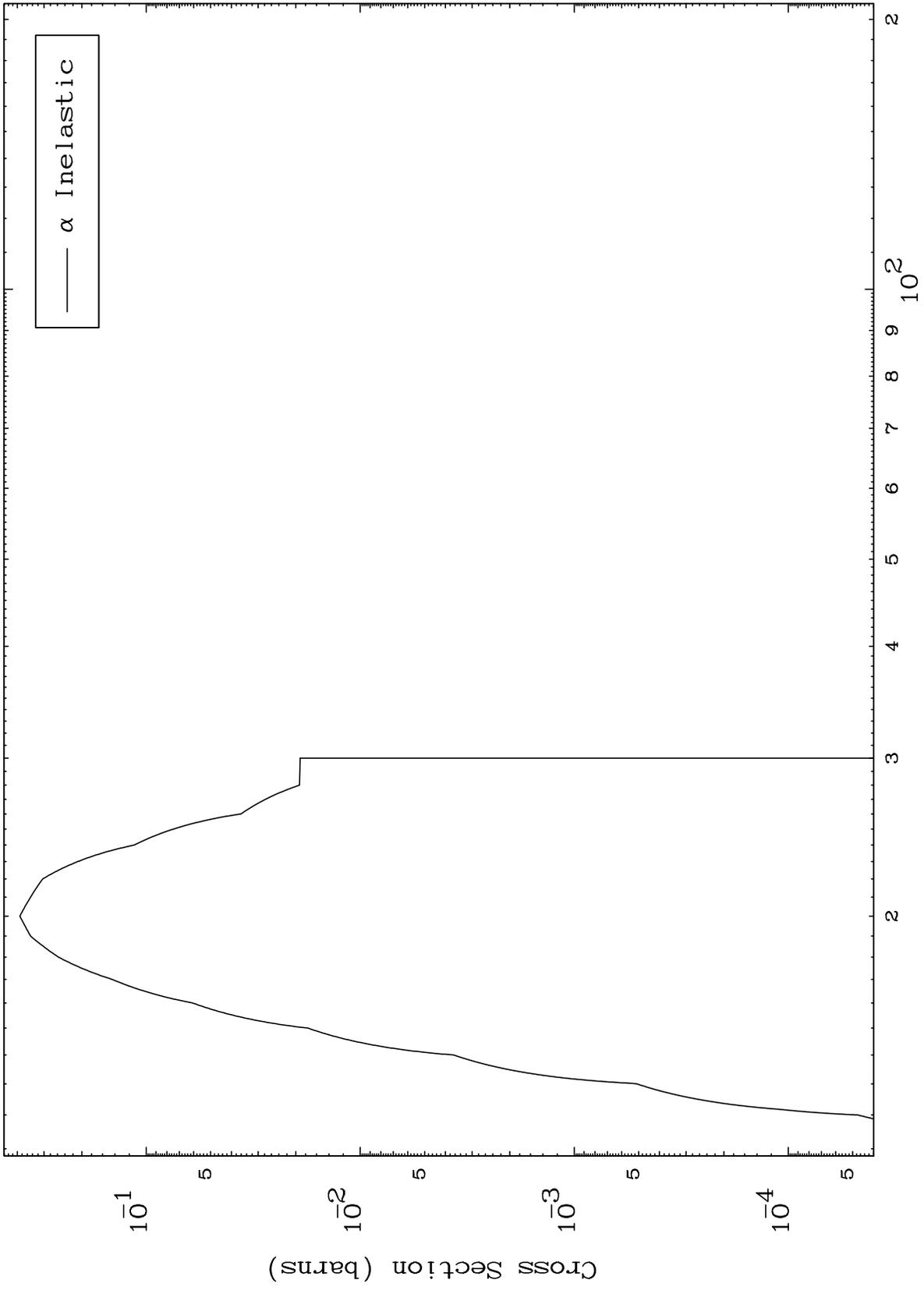
Incident Energy (MeV)

60-Nd-142

MAT 6025

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

60-Nd-142



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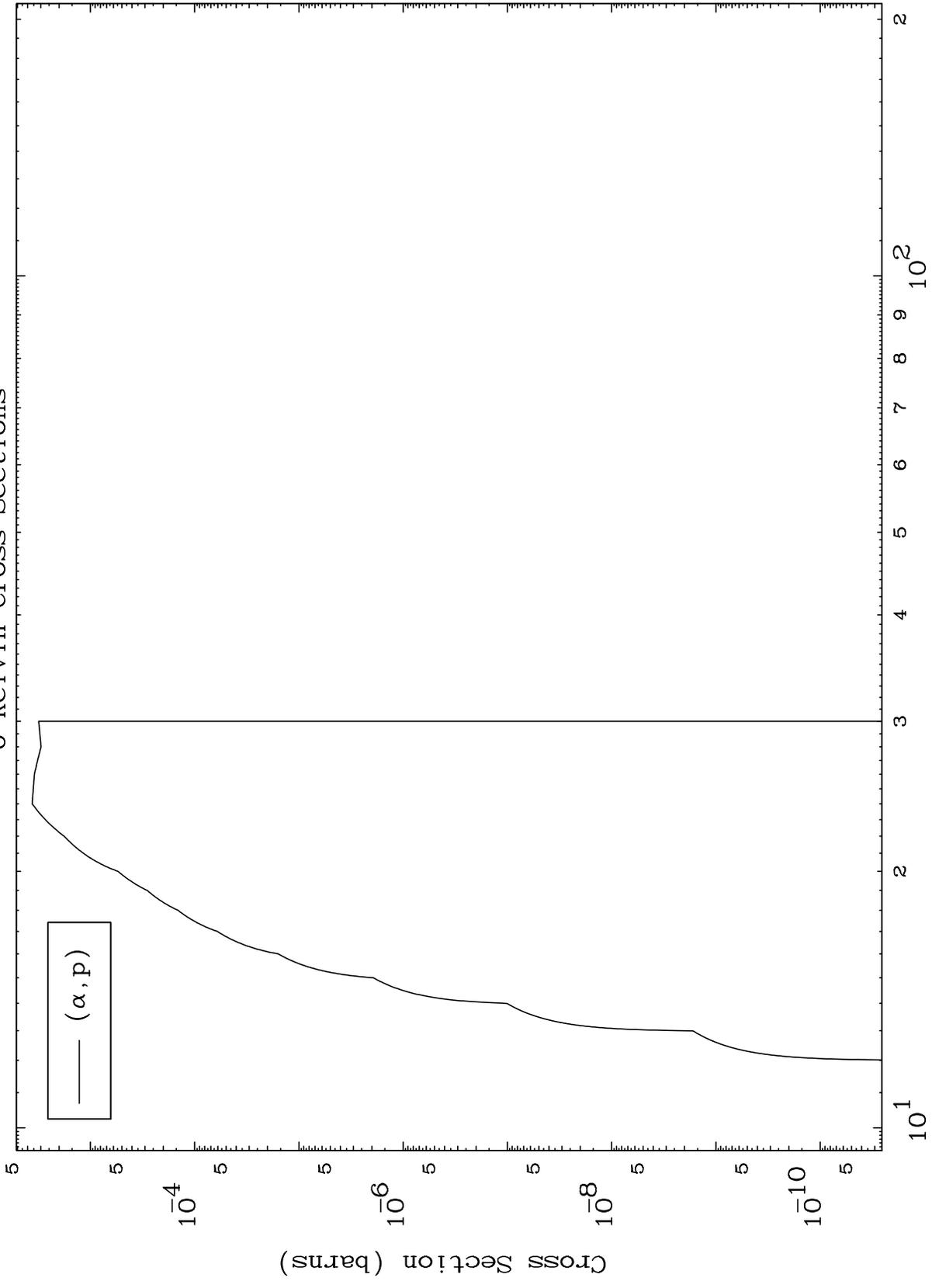
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



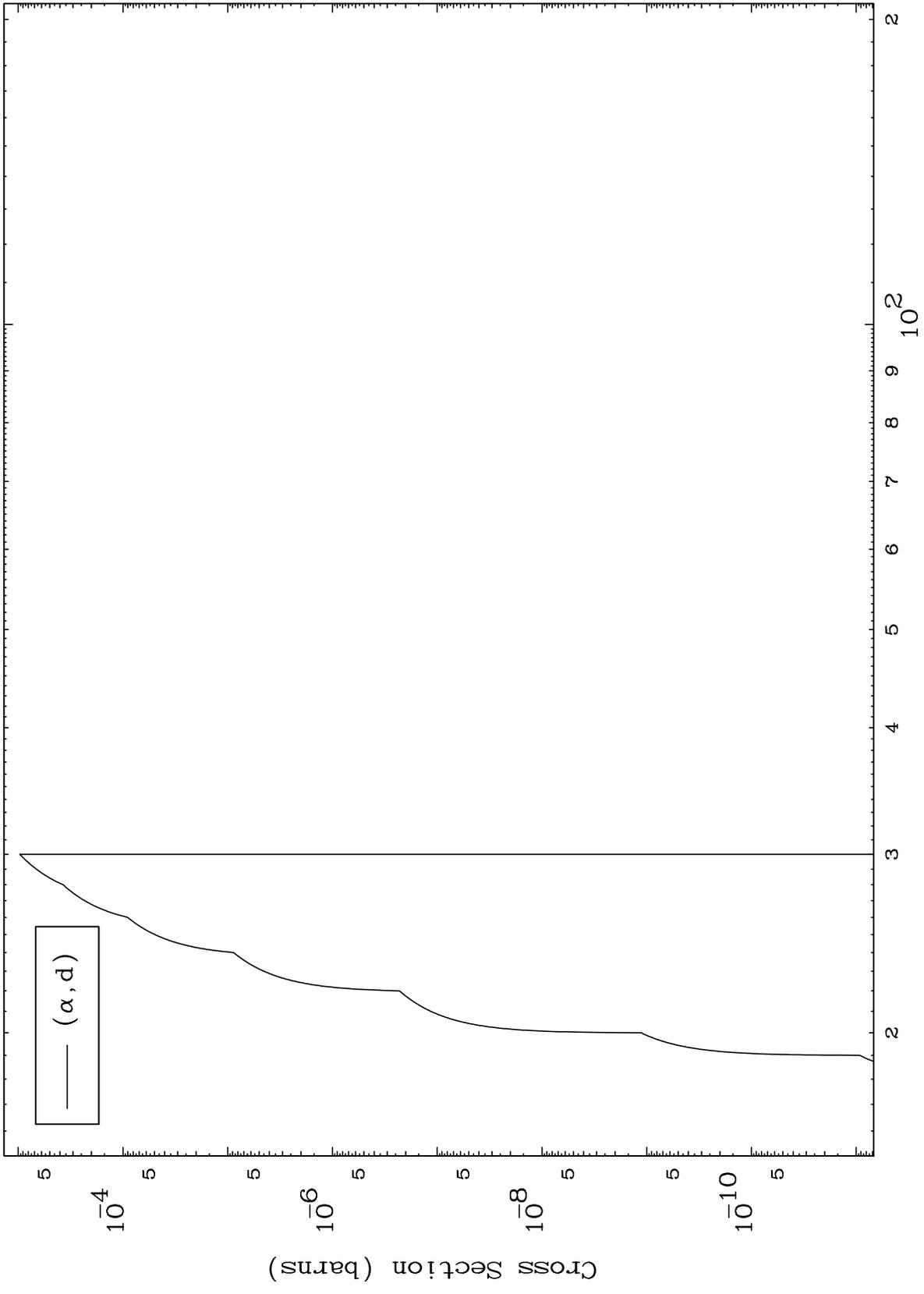
60-Nd-142

Incident Energy (MeV)

MAT 6025

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

60-Nd-142



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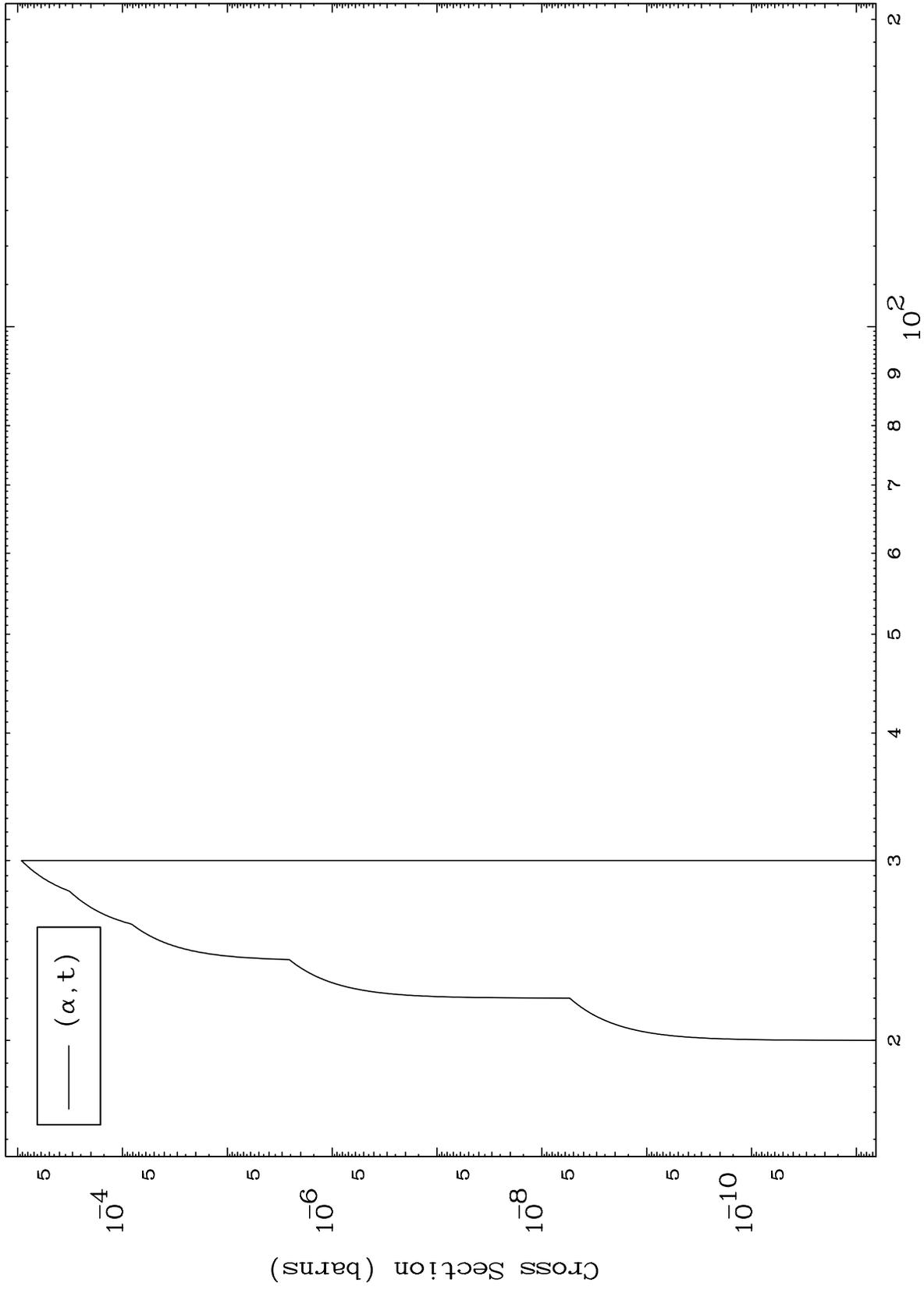
Incident Energy (MeV)

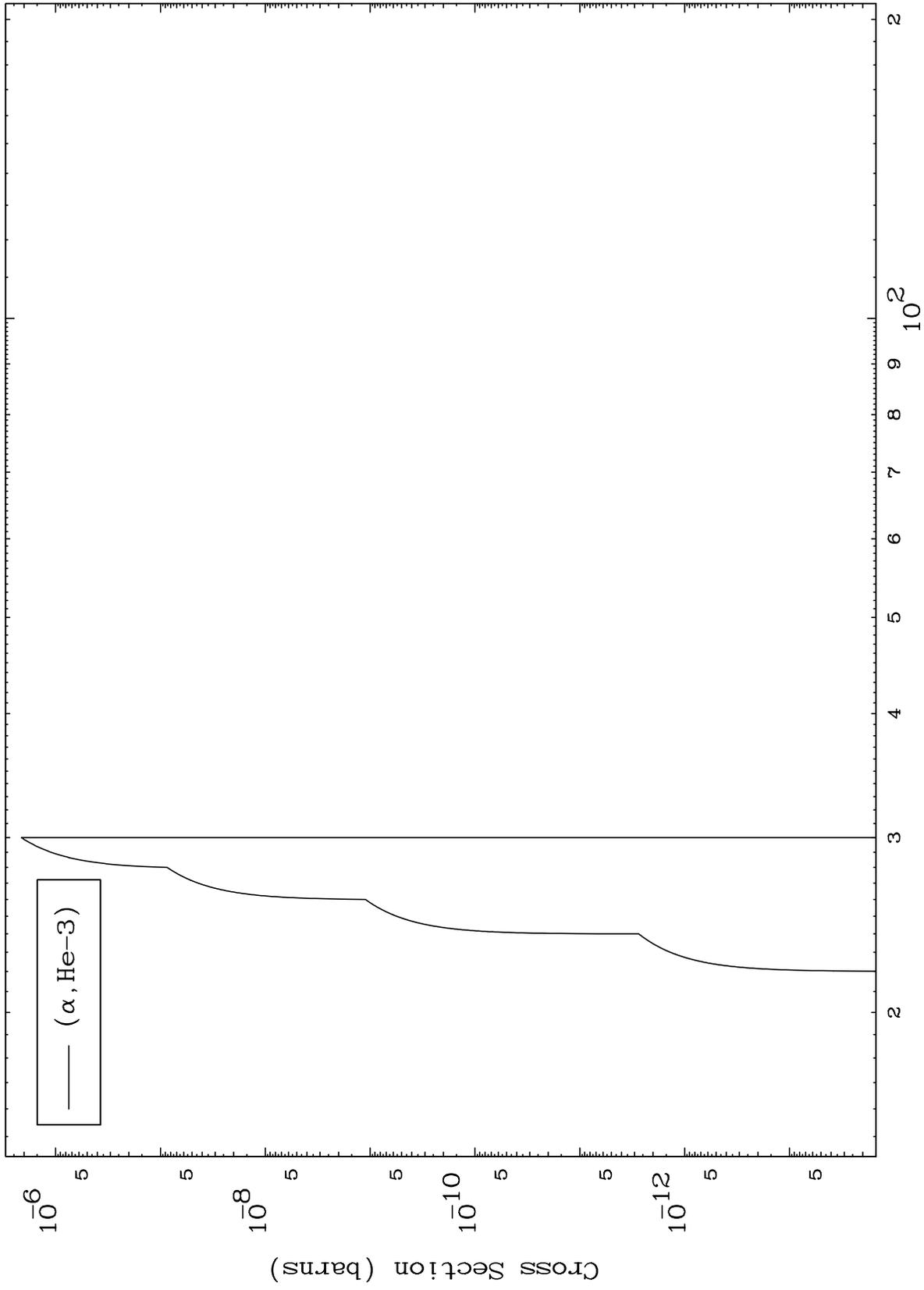
60-Nd-142

MAT 6025

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

60-Nd-142

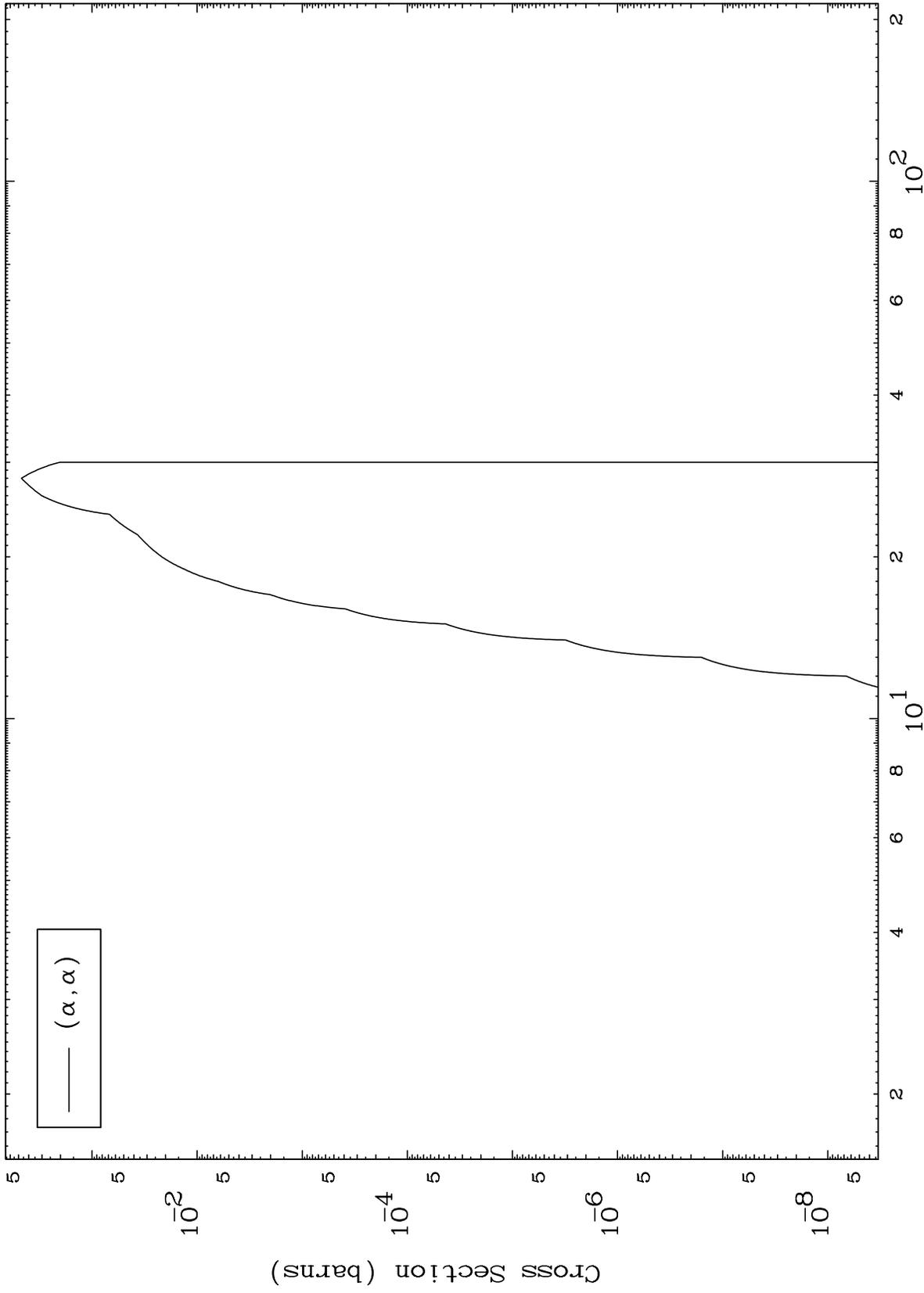




MAT 6025

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

60-Nd-142



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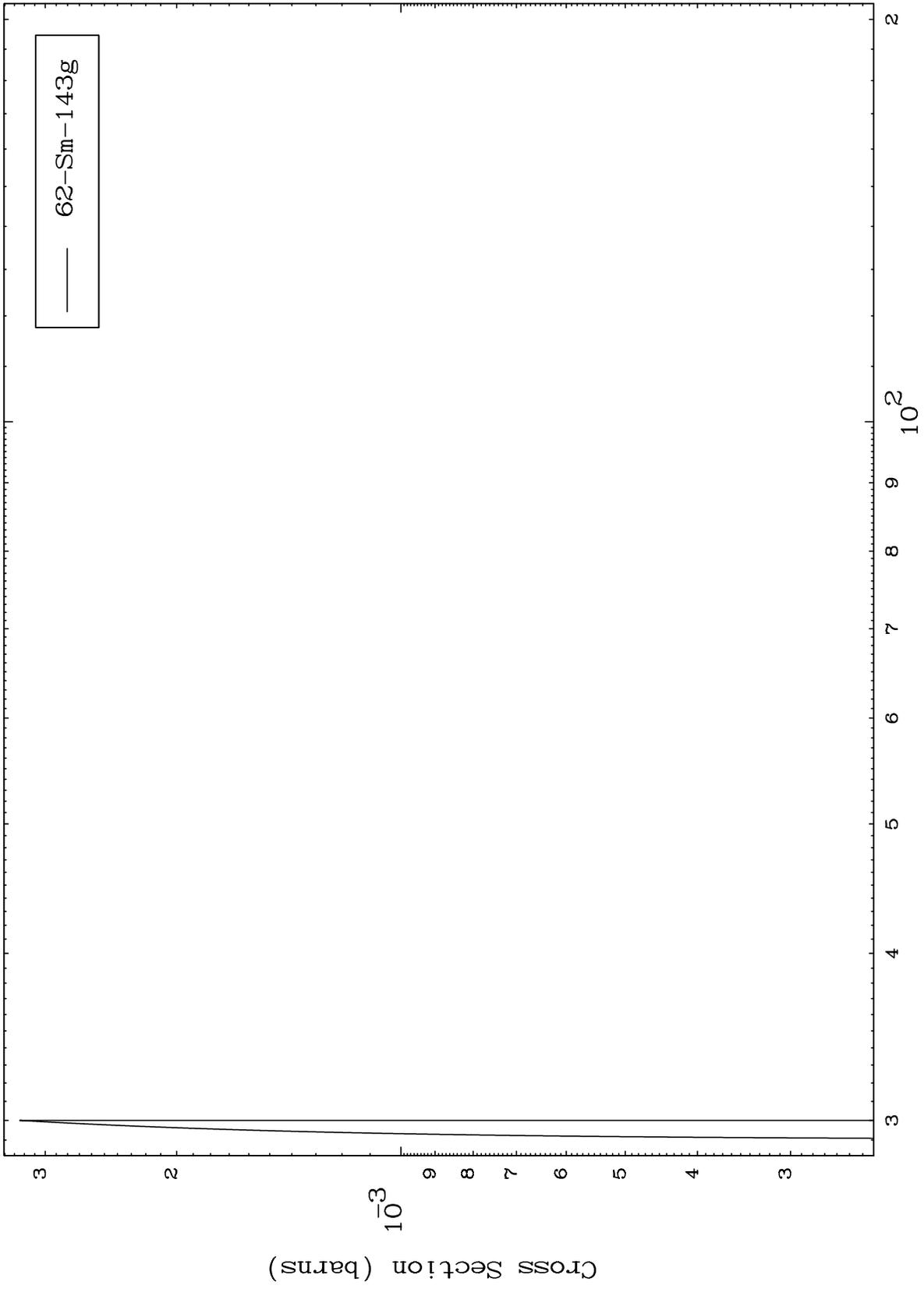
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



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Incident Energy (MeV)

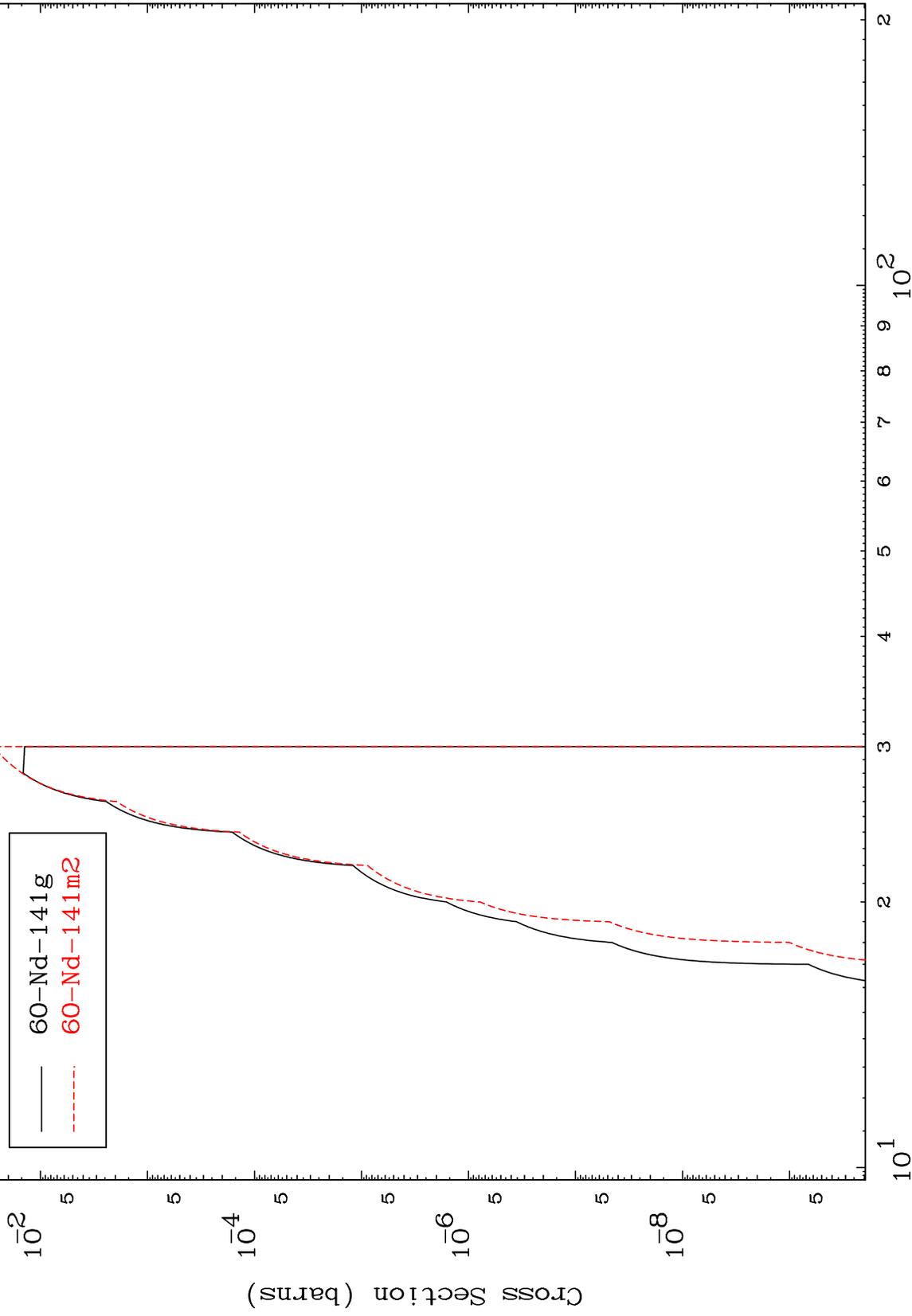
60-Nd-142

MAT 6025

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

60-Nd-142

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

10<sup>2</sup>

60-Nd-142