

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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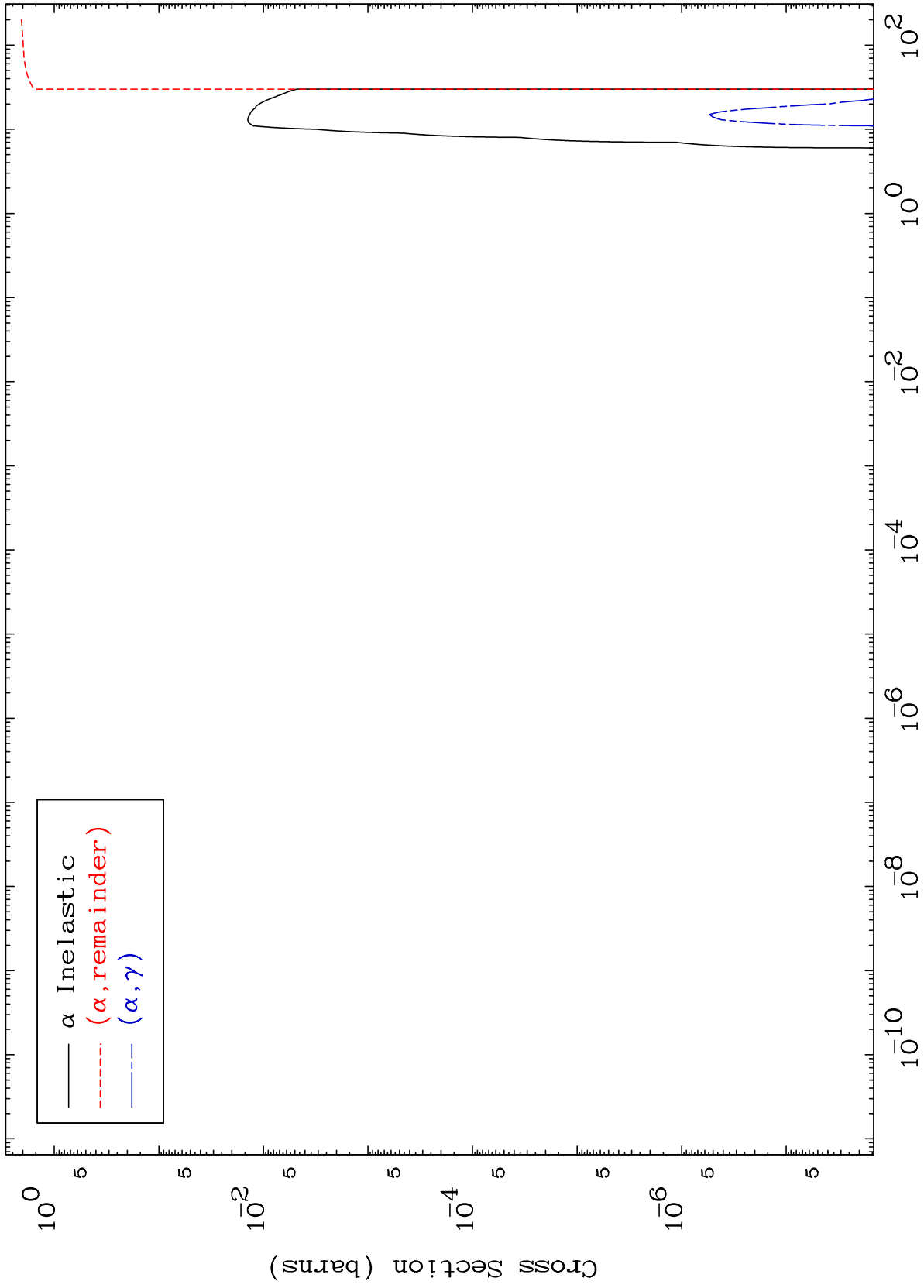
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4155

0 Kelvin  $\alpha$  Major  
Cross Sections

41-Nb-103



1

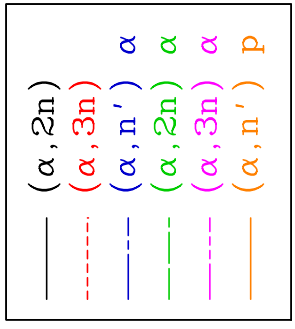
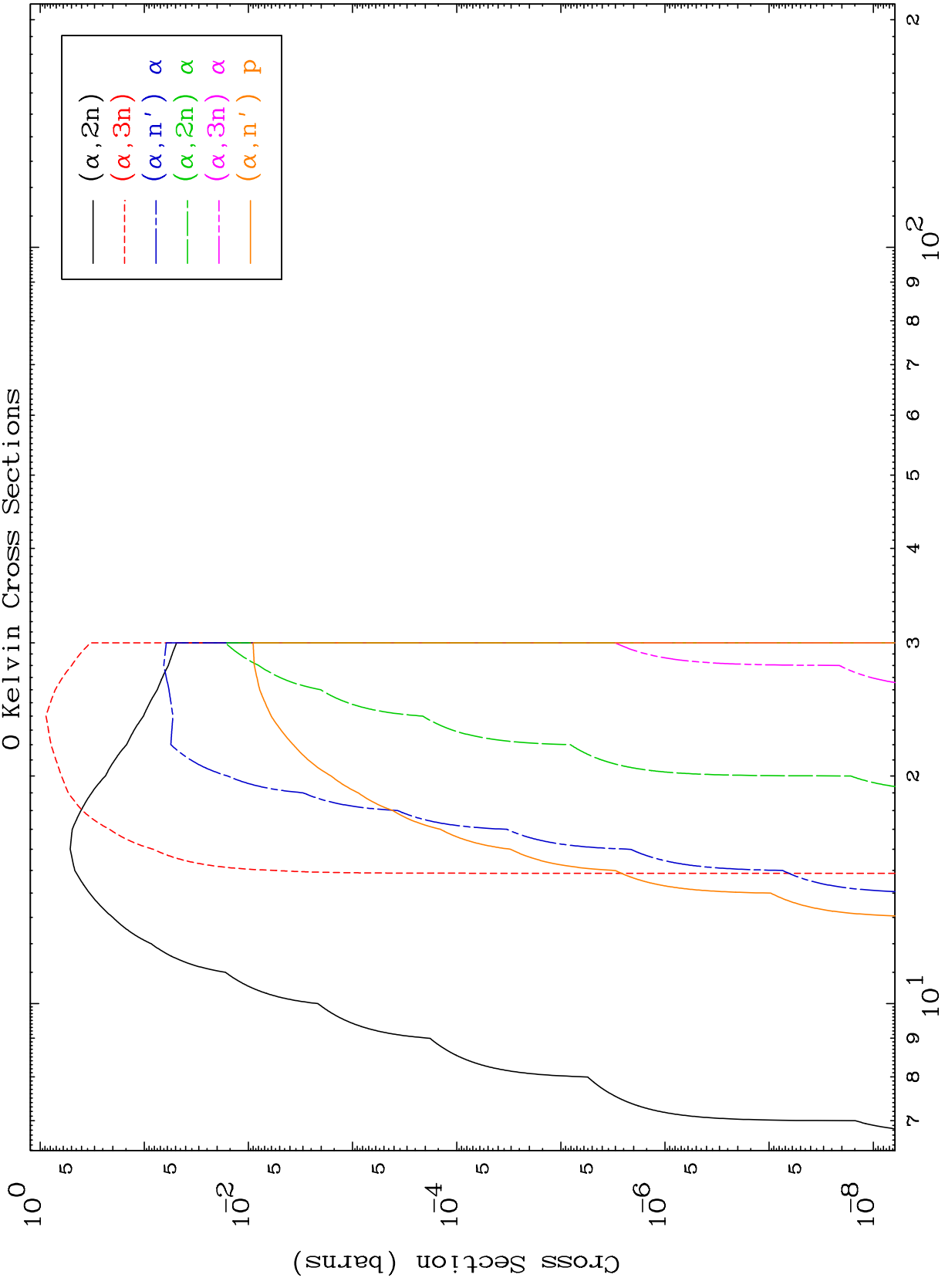
Incident Energy (MeV)

41-Nb-103

MAT 4155

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

41-Nb-103



2

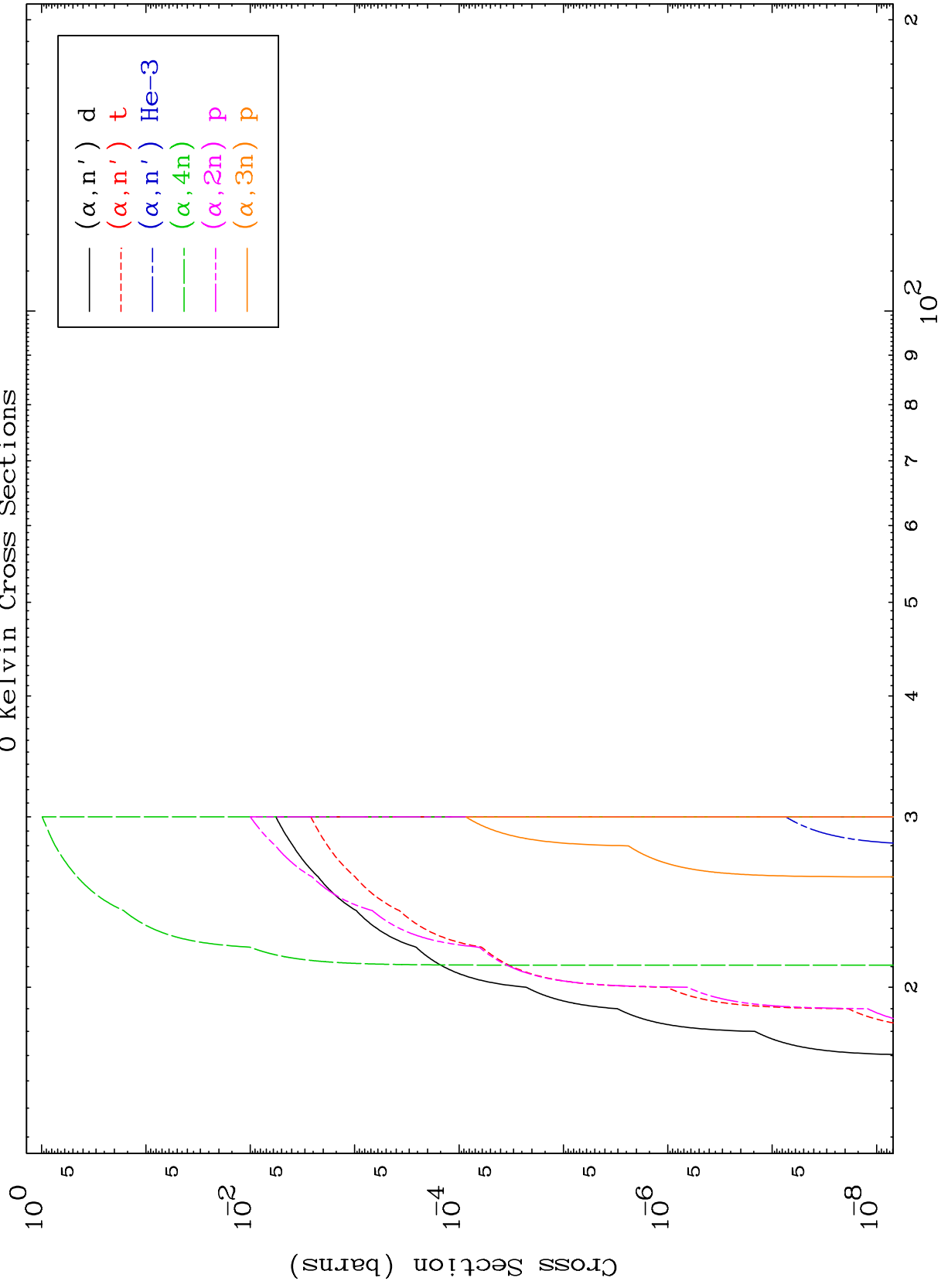
Incident Energy (MeV)

41-Nb-103

MAT 4155

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

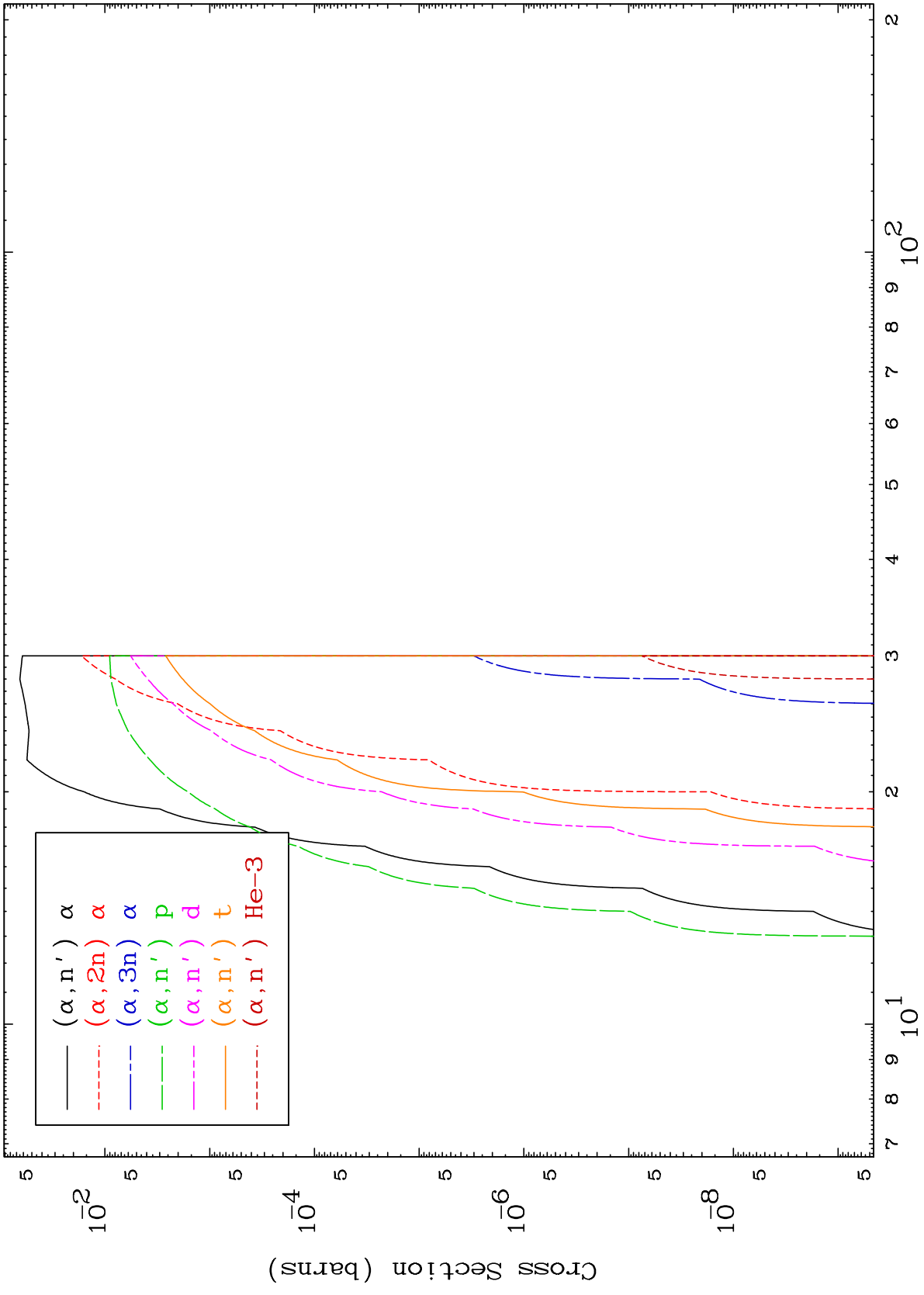
41-Nb-103



3

Incident Energy (MeV)

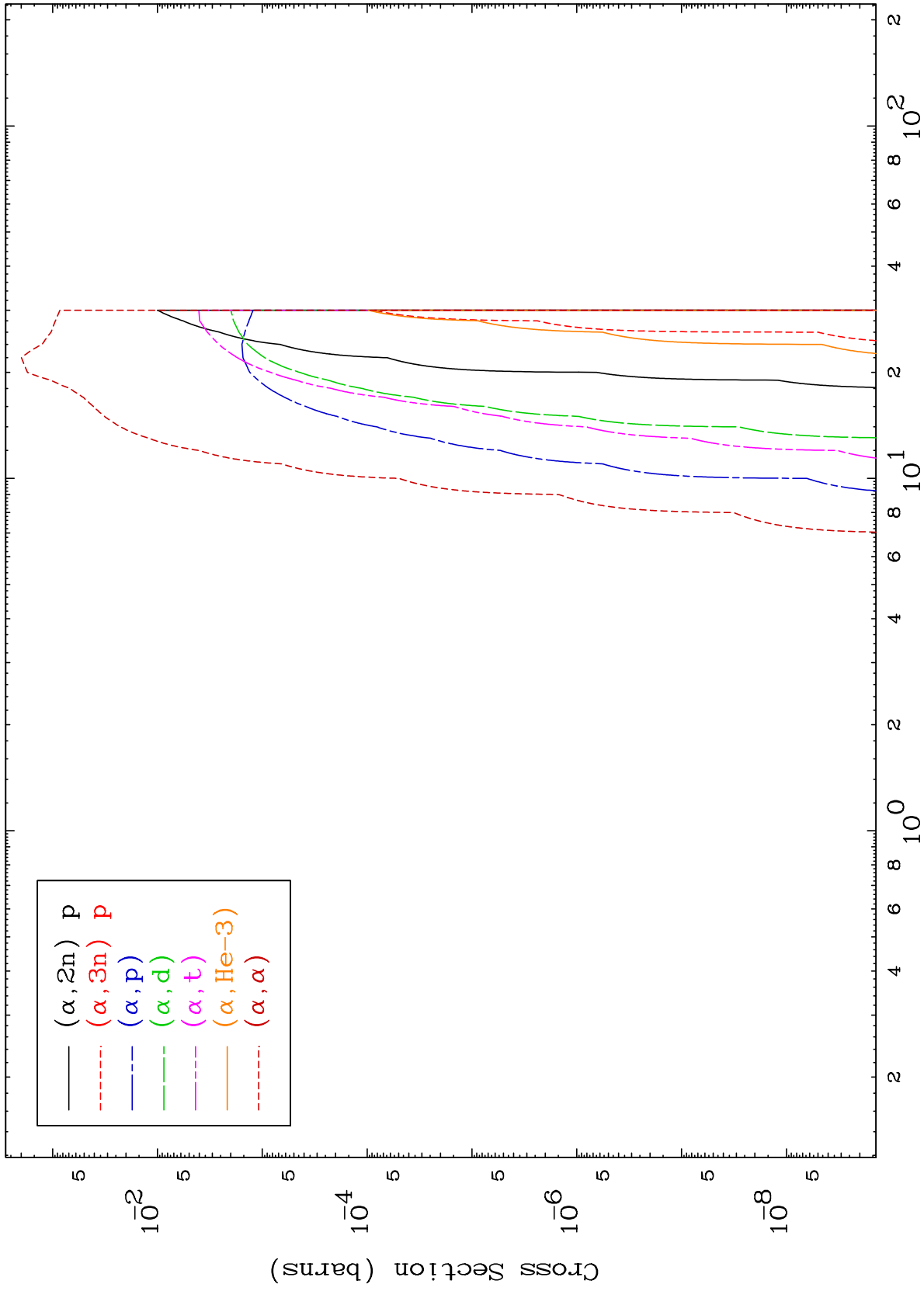
41-Nb-103



MAT 4155

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

41-Nb-103



5

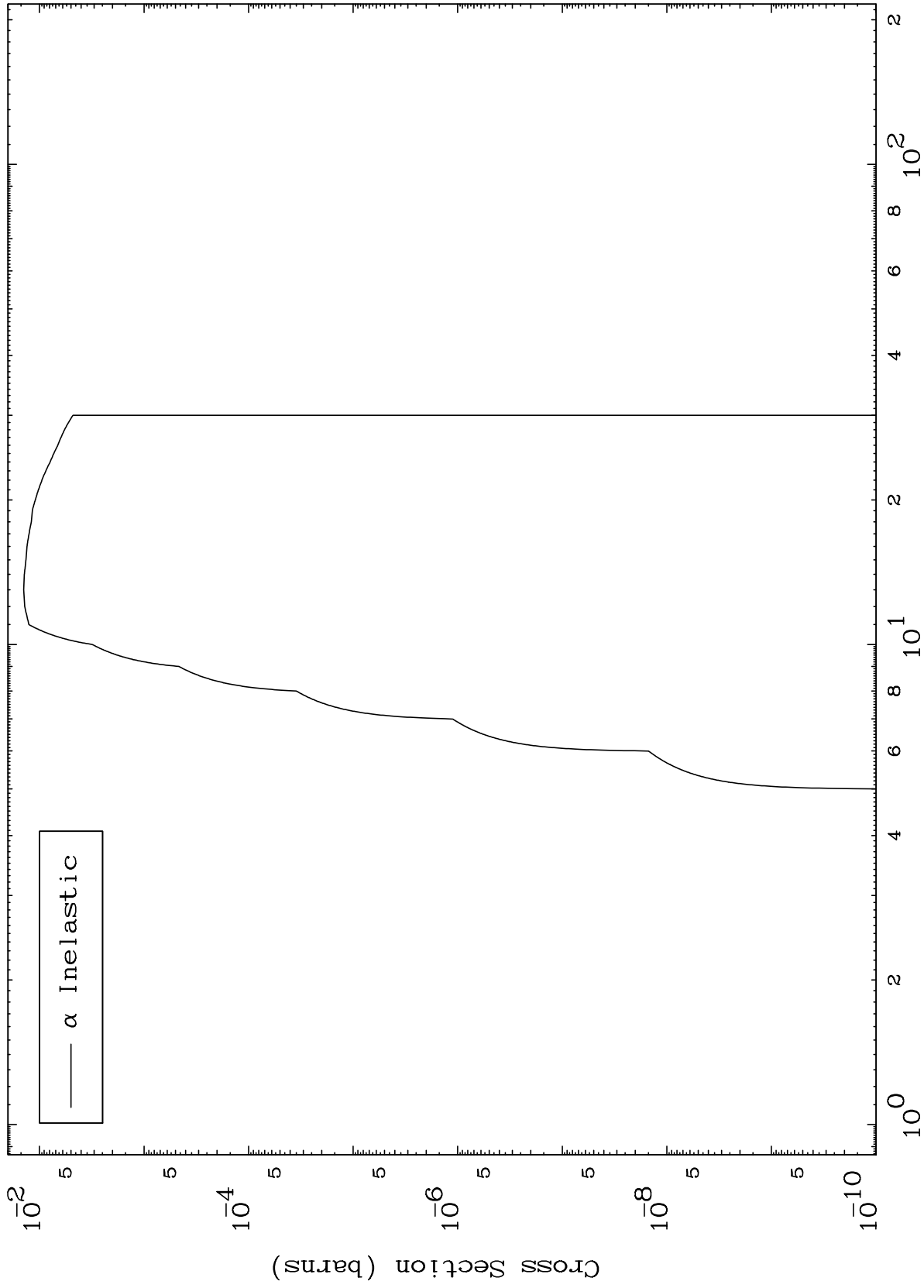
Incident Energy (MeV)

41-Nb-103

MAT 4155

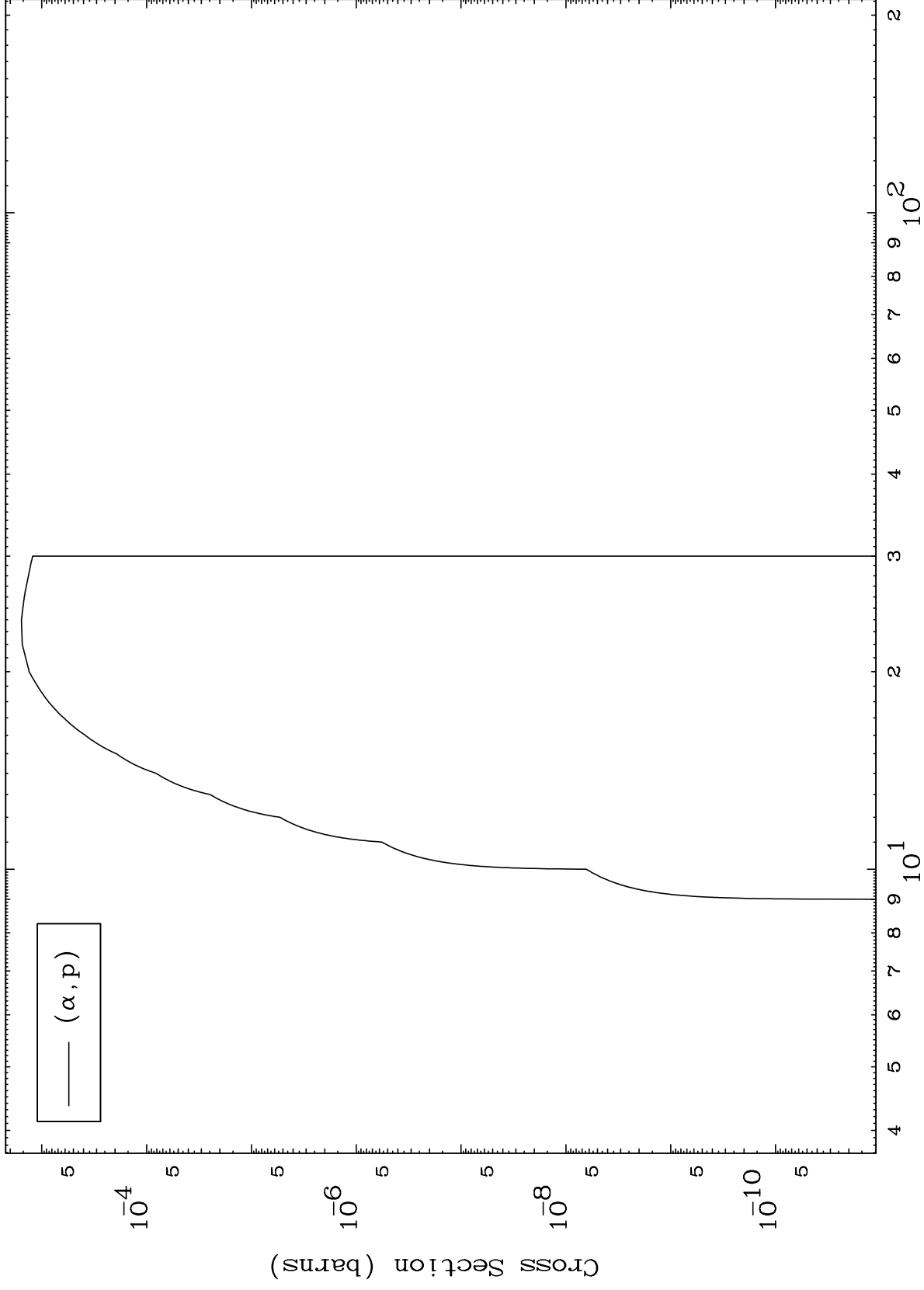
( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

41-Nb-103



Incident Energy (MeV)

41-Nb-103

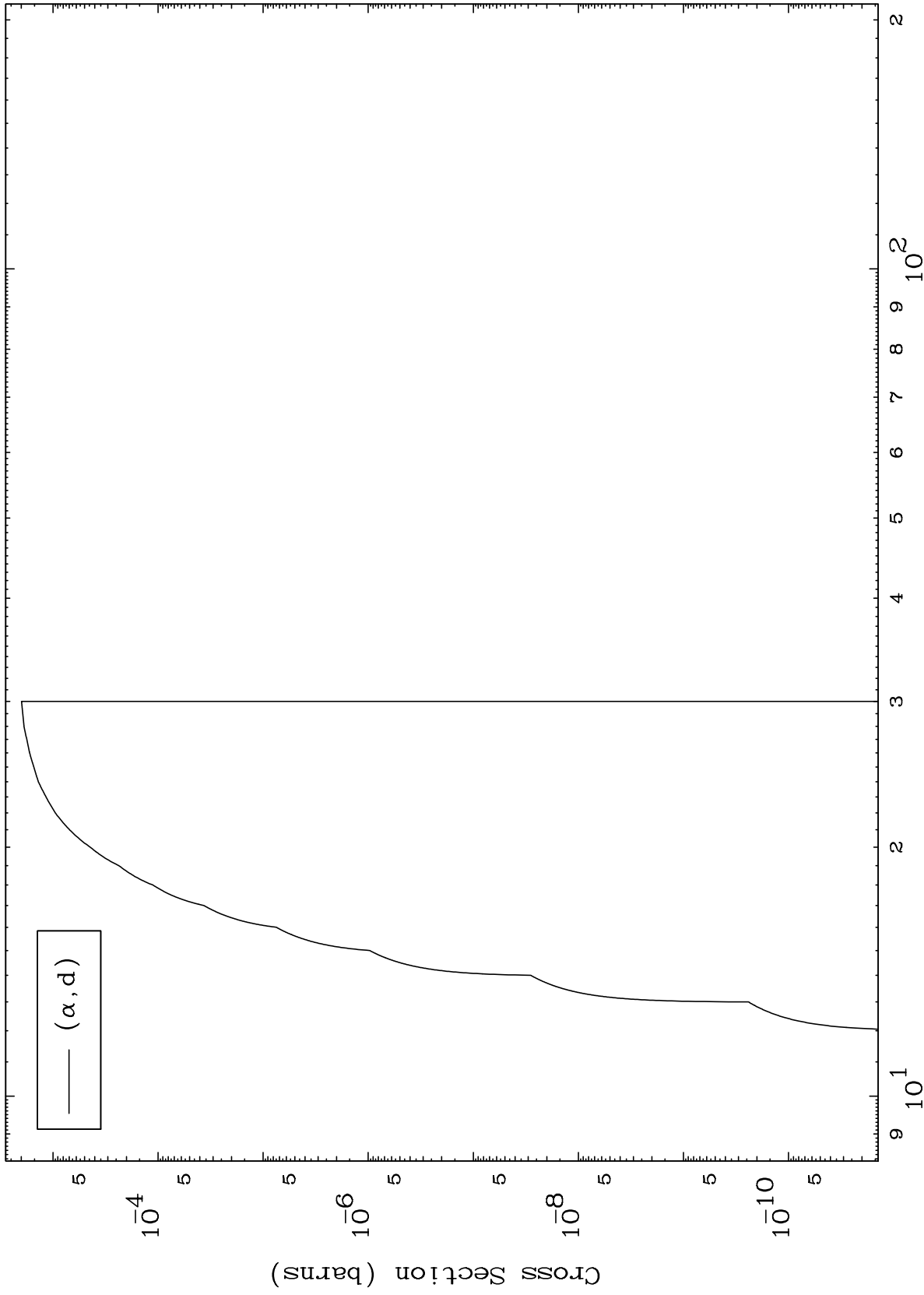




MAT 4155

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

41-Nb-103



8

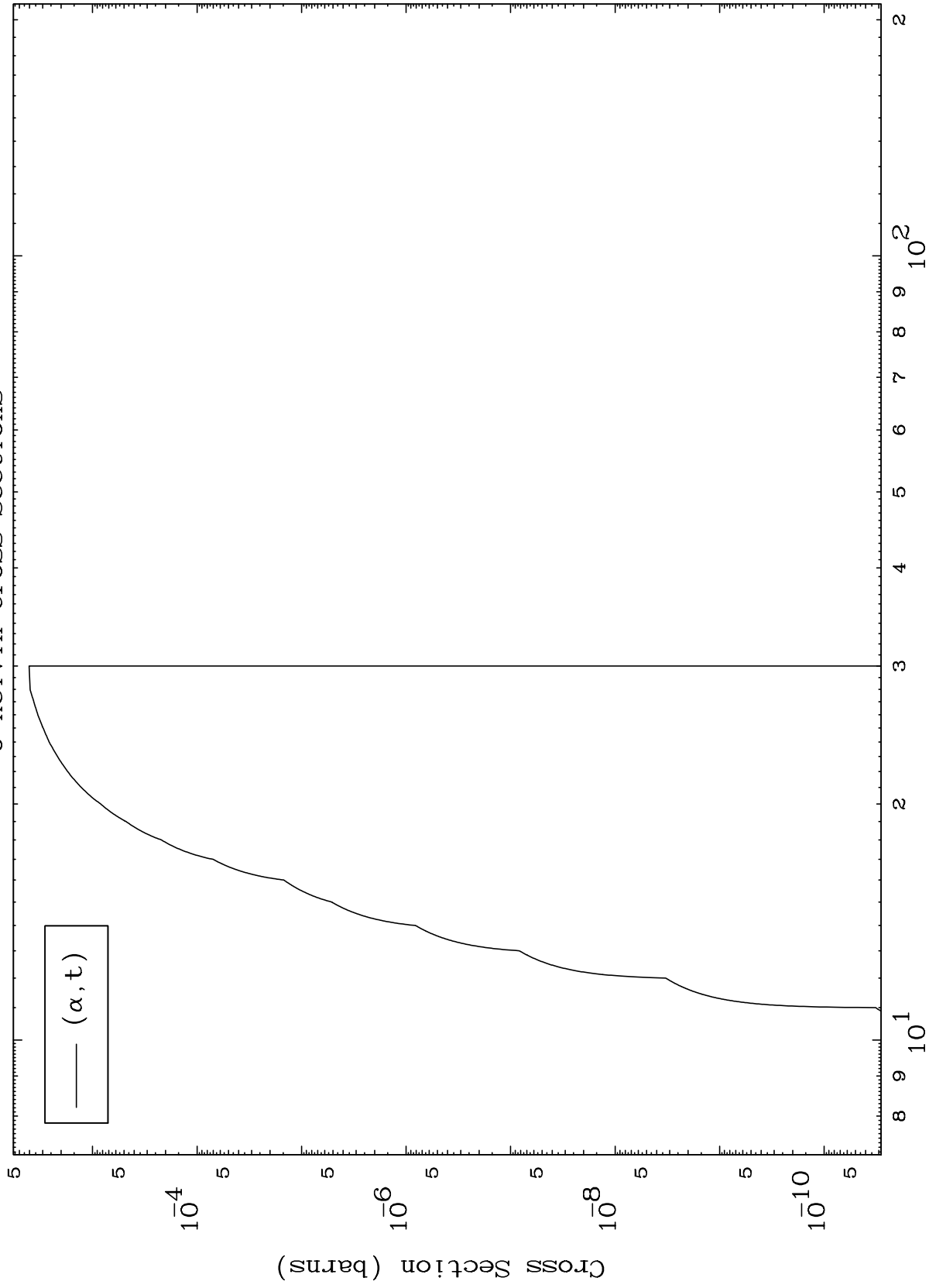
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



9

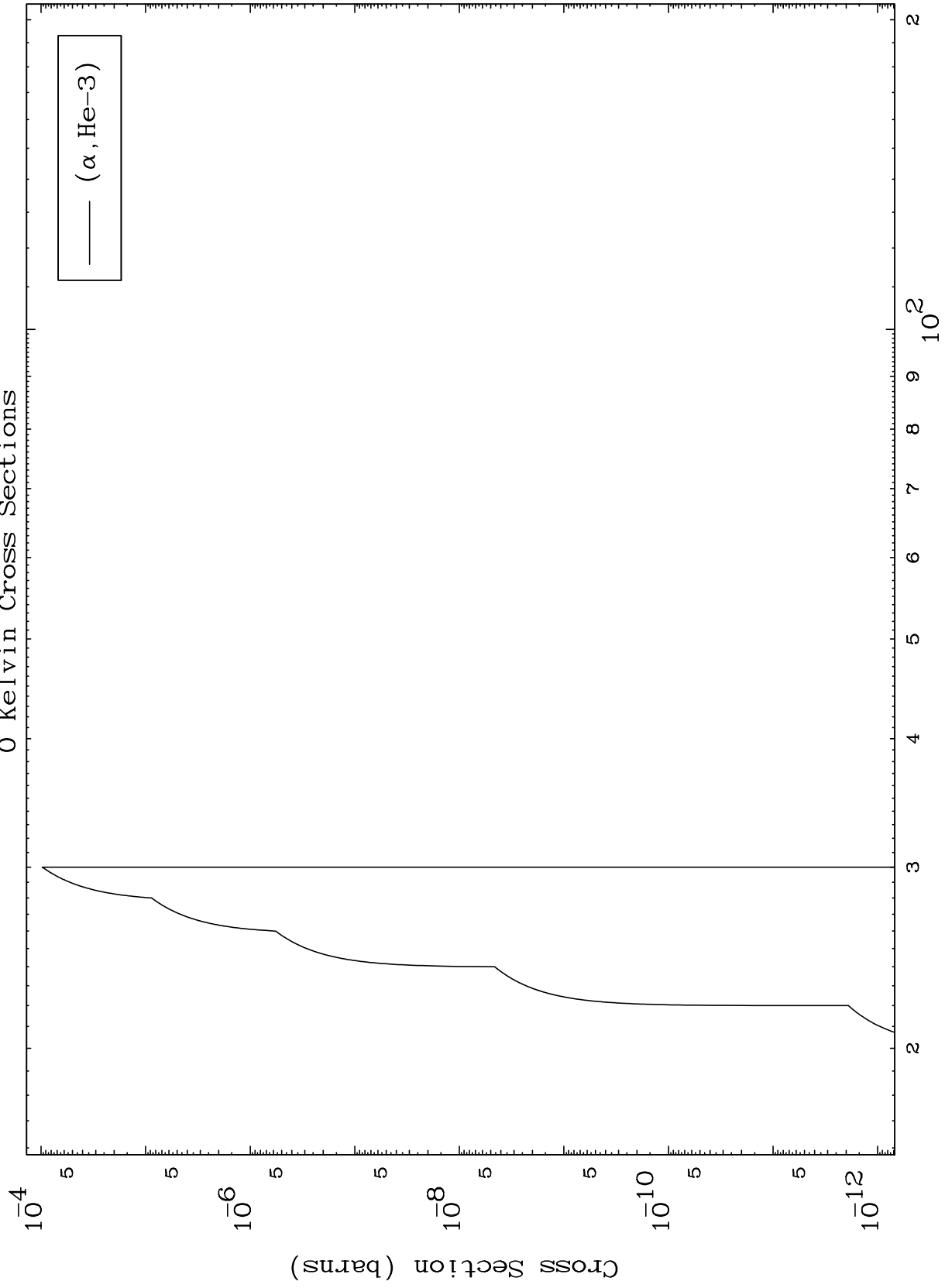
Incident Energy (MeV)

41-Nb-103

MAT 4155

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

41-Nb-103



10

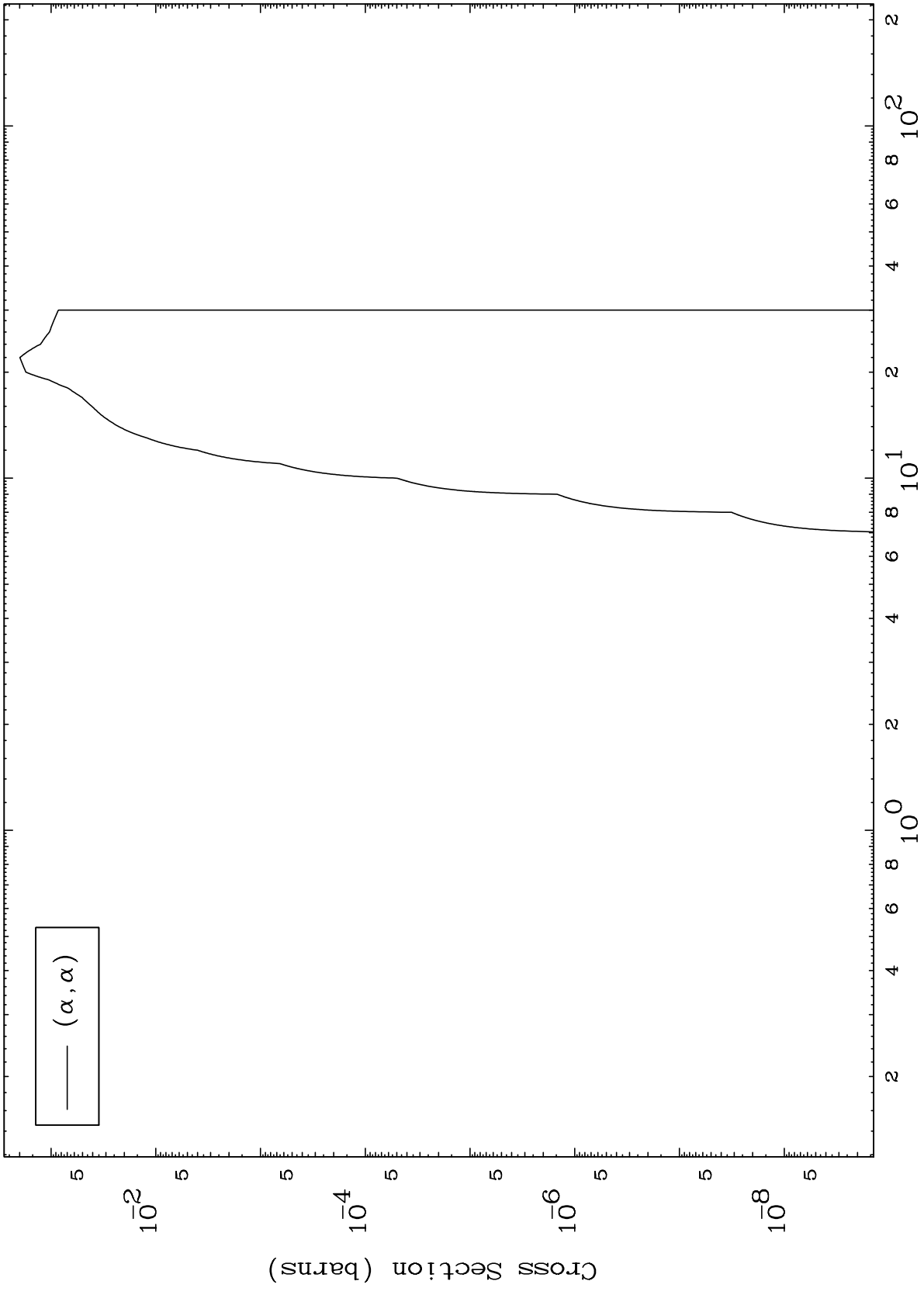
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



11

Incident Energy (MeV)

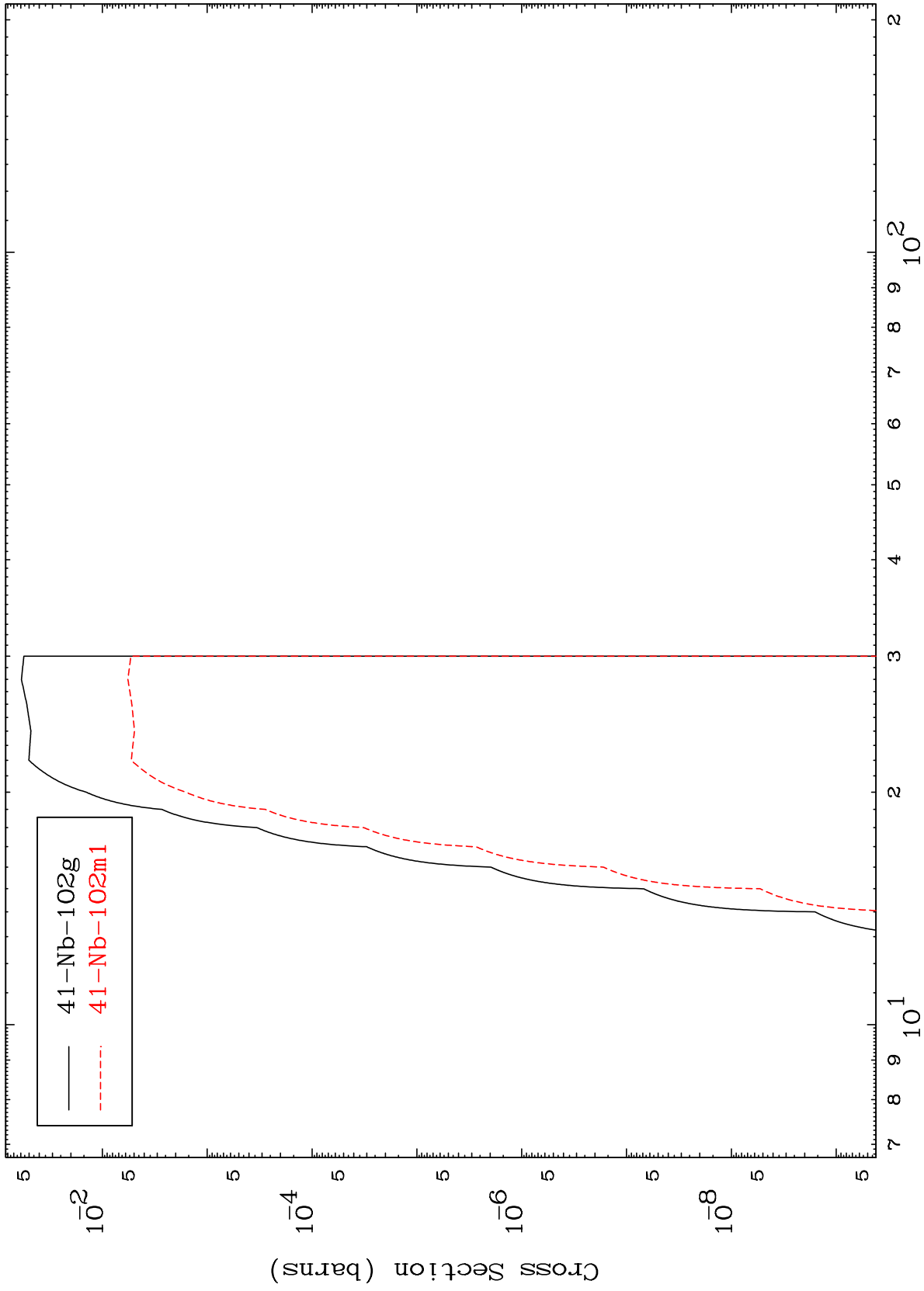
41-Nb-103

MAT 4155

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

41-Nb-103

Radionuclide Production Cross Section



12

Incident Energy (MeV)

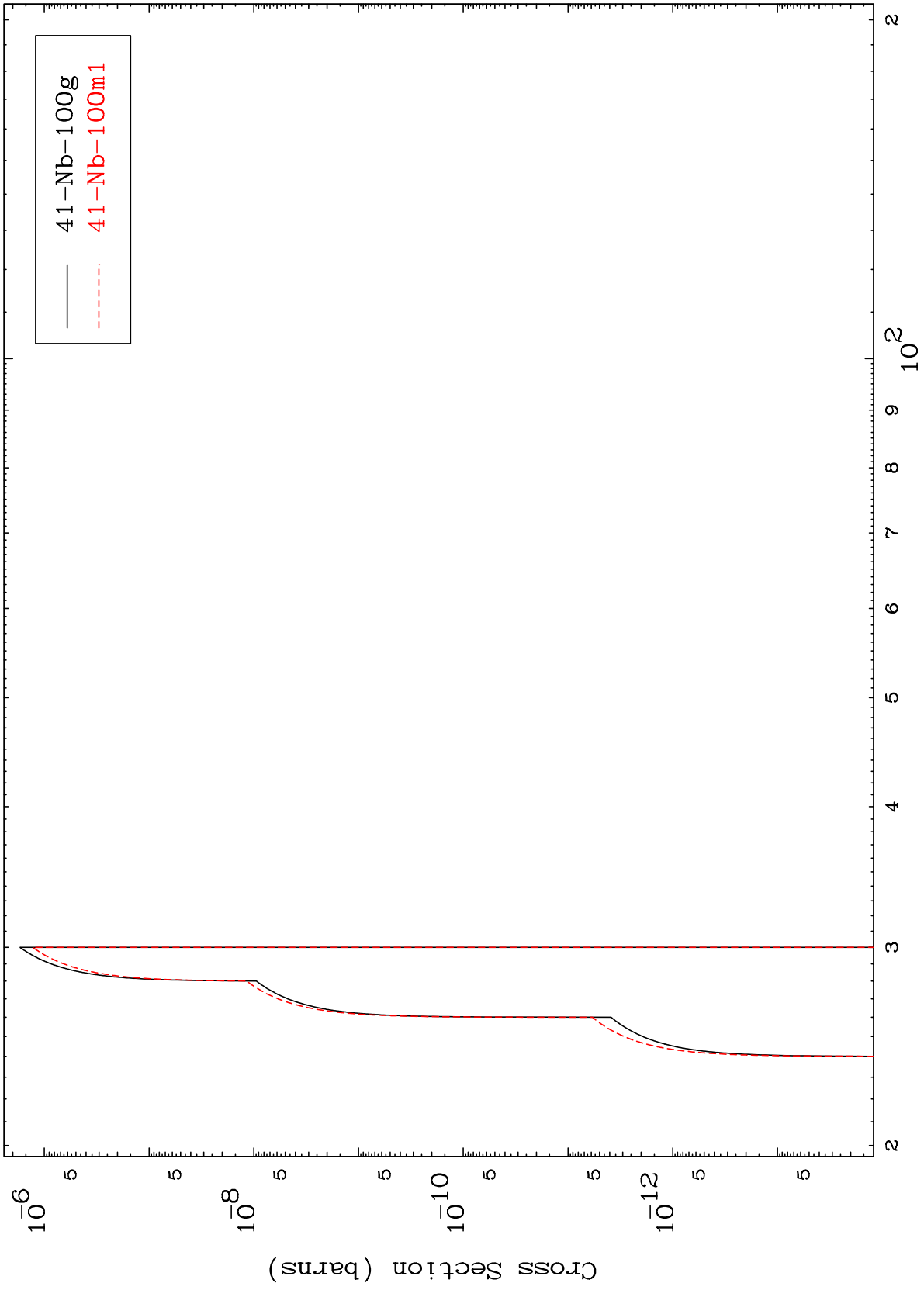
41-Nb-103

MAT 4155

$(\alpha, 3n) \alpha$

41-Nb-103

Radionuclide Production Cross Section



13

Incident Energy (MeV)

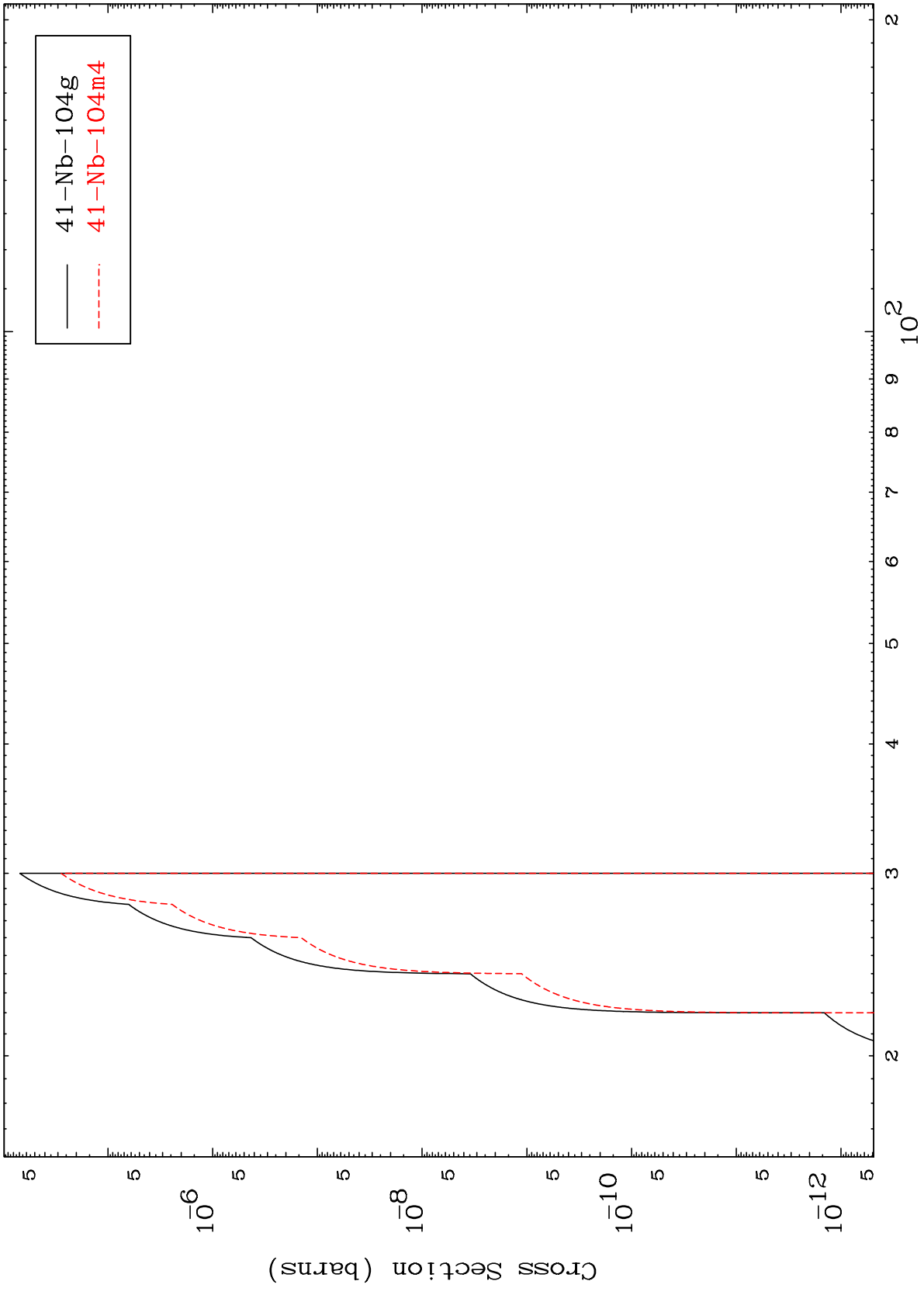
41-Nb-103

MAT 4155

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

41-Nb-103

Radionuclide Production Cross Section



14

Incident Energy (MeV)

41-Nb-103