

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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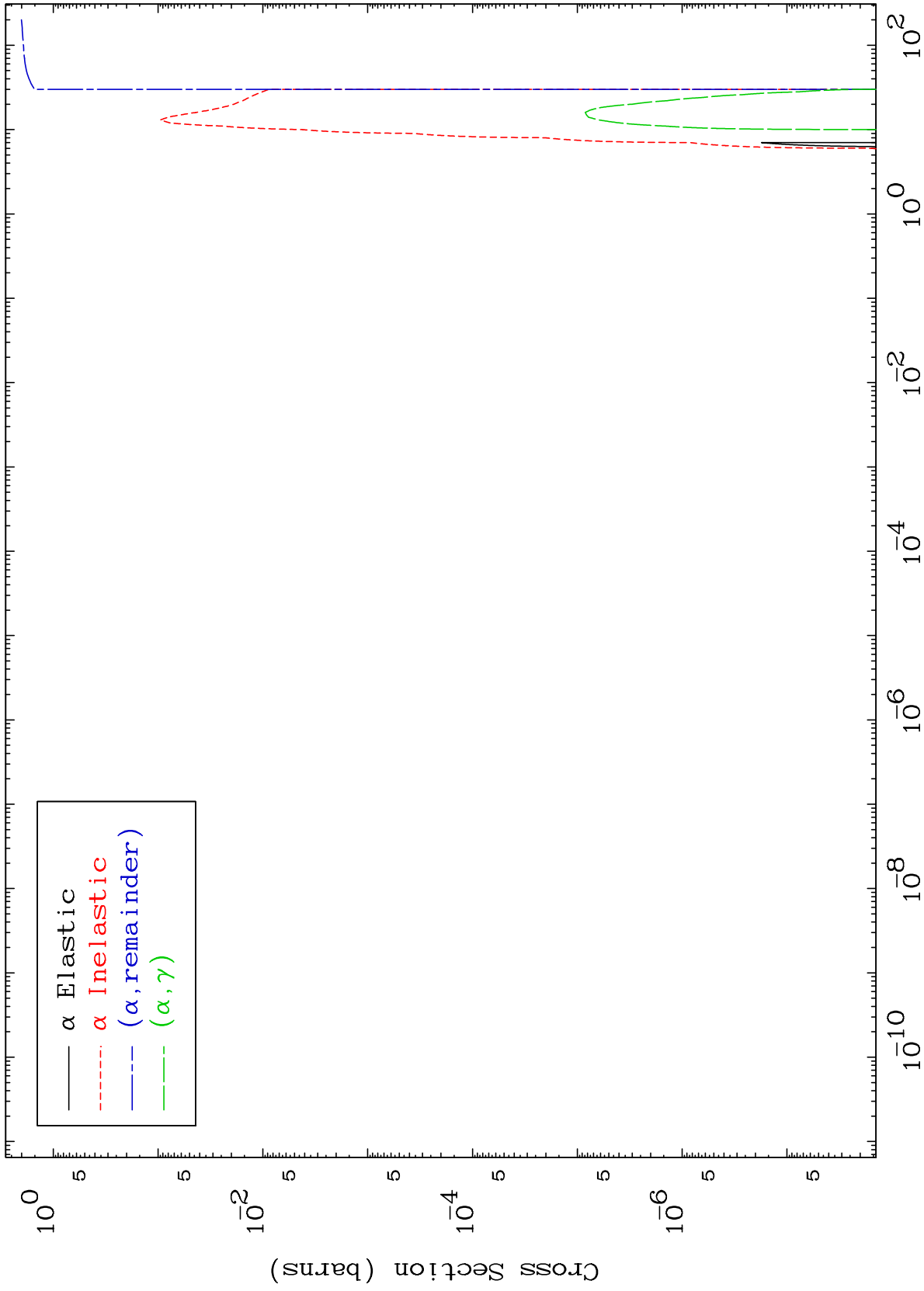
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4141

0 Kelvin  $\alpha$  Major  
Cross Sections

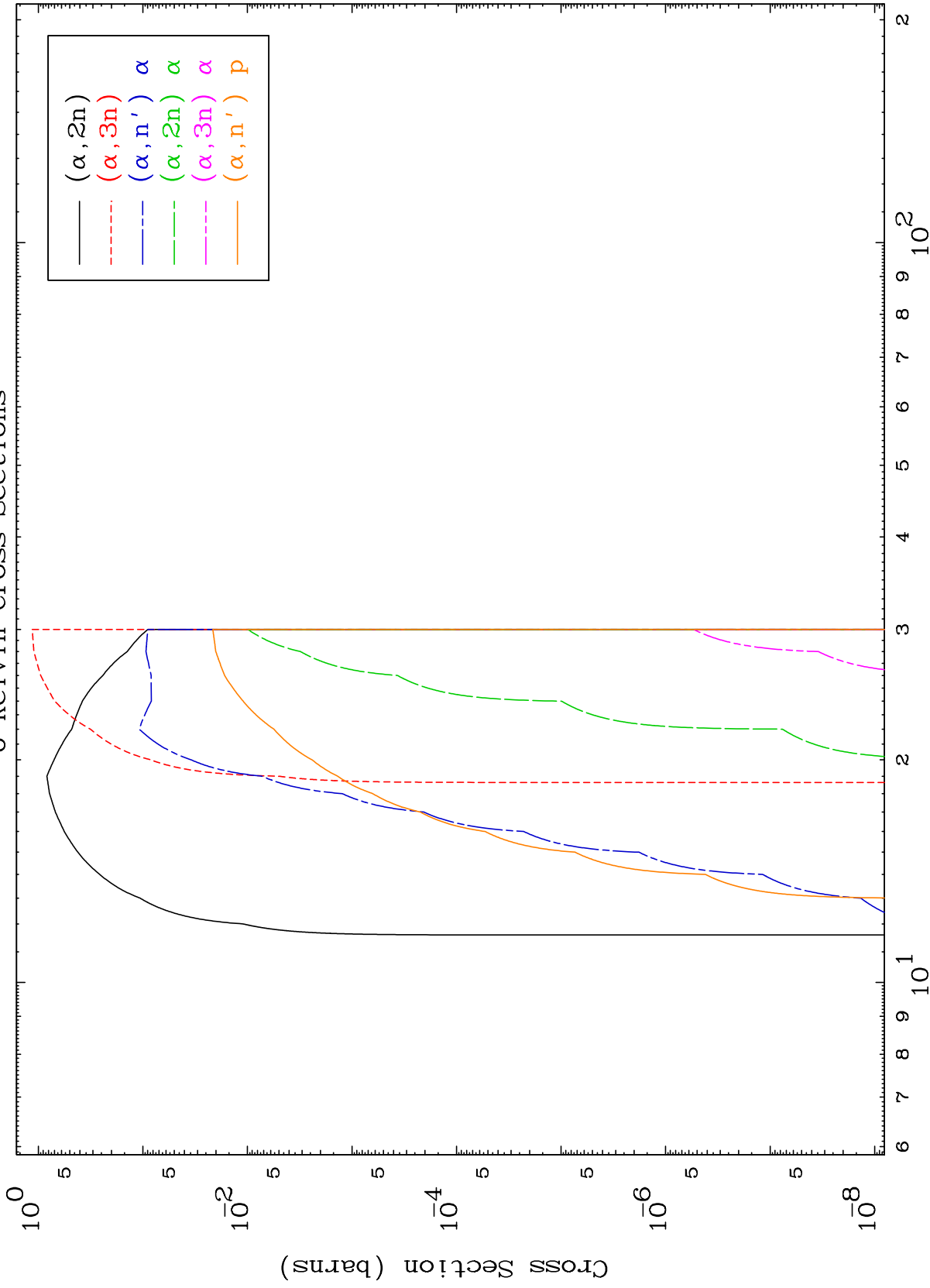
41-Nb-98



MAT 4141

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

41-Nb-98



2

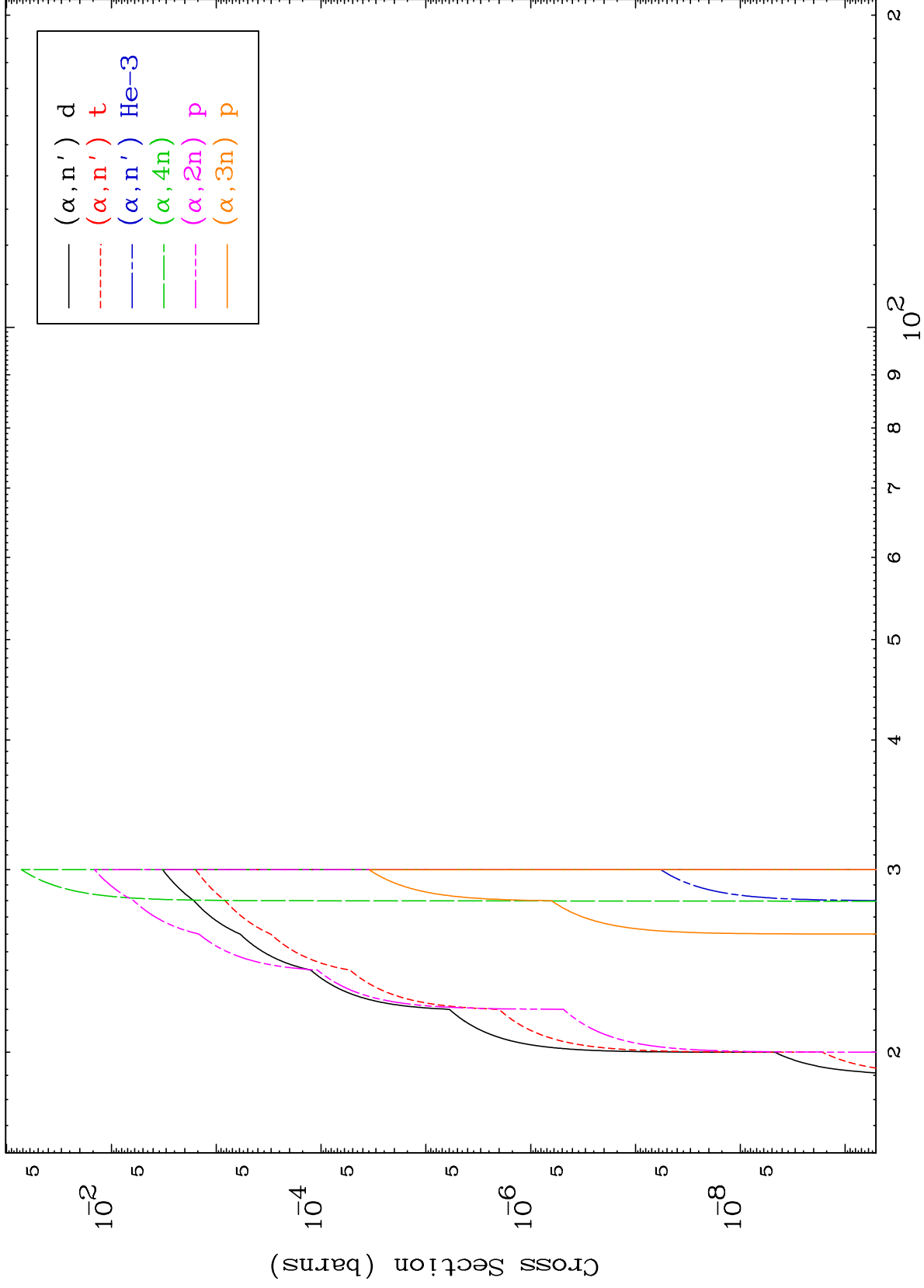
Incident Energy (MeV)

41-Nb-98

MAT 4141

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

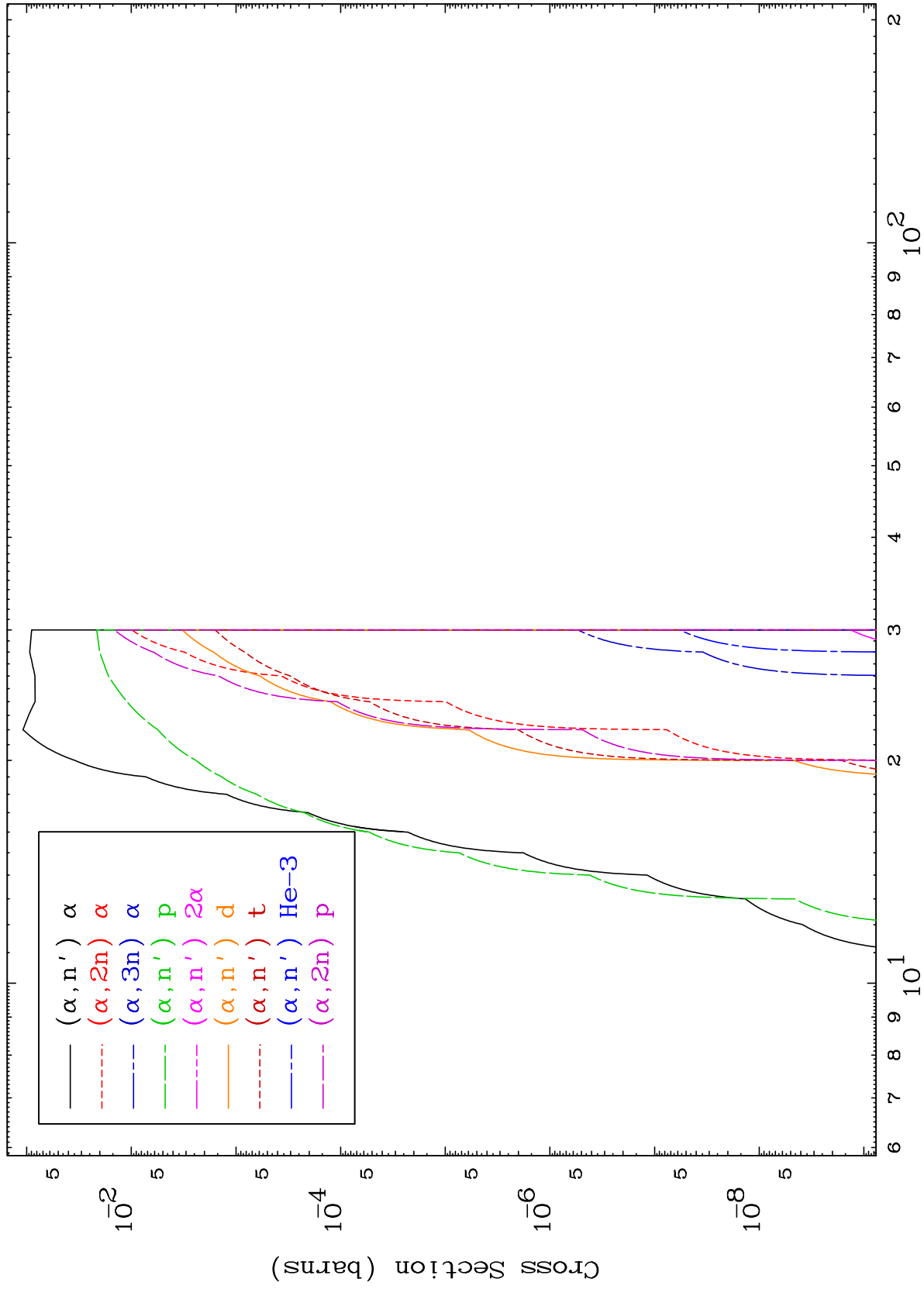
41-Nb-98



3

Incident Energy (MeV)

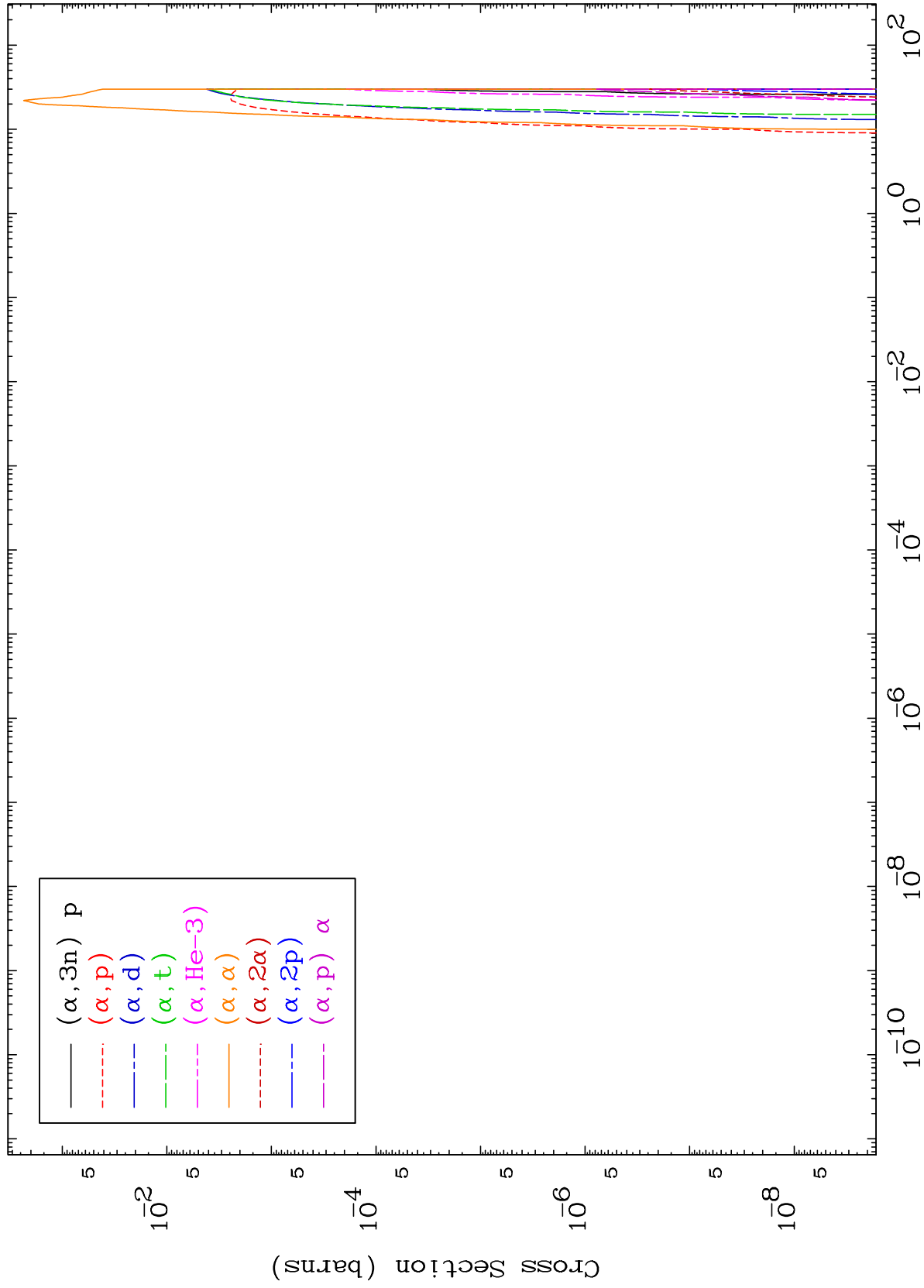
41-Nb-98



MAT 4141

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

41-Nb-98



5

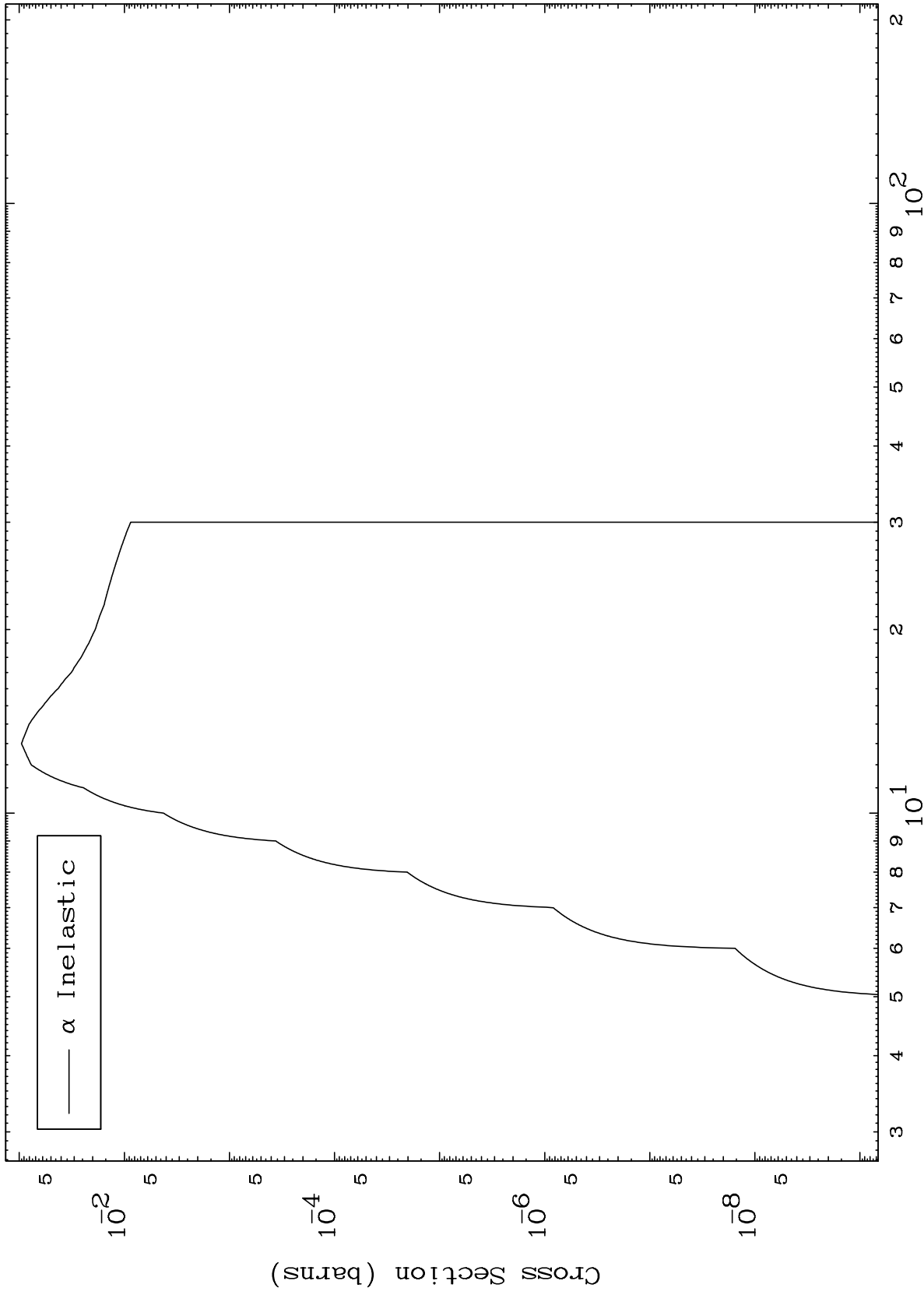
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

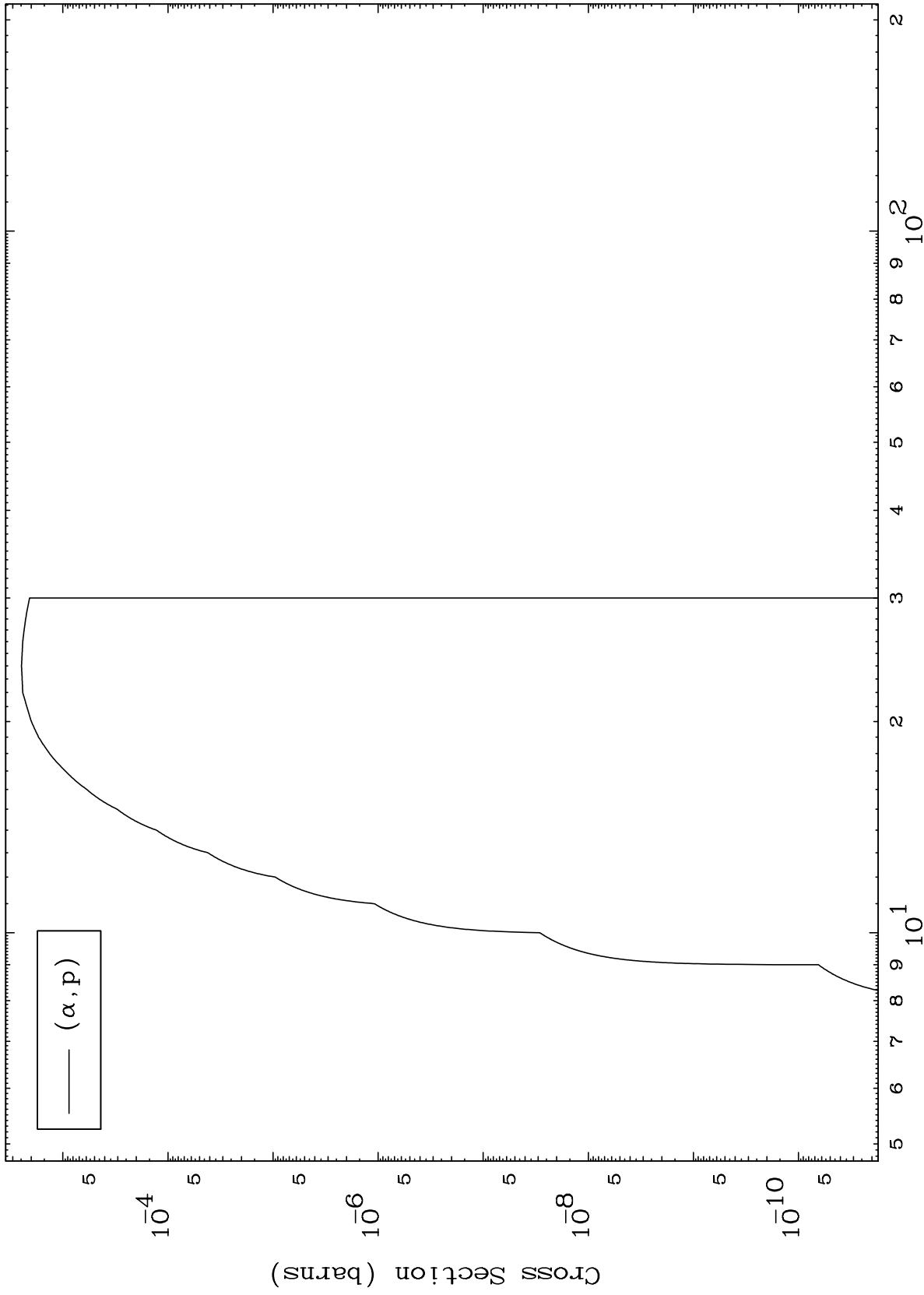
41-Nb-98



MAT 4141

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

41-Nb-98



7

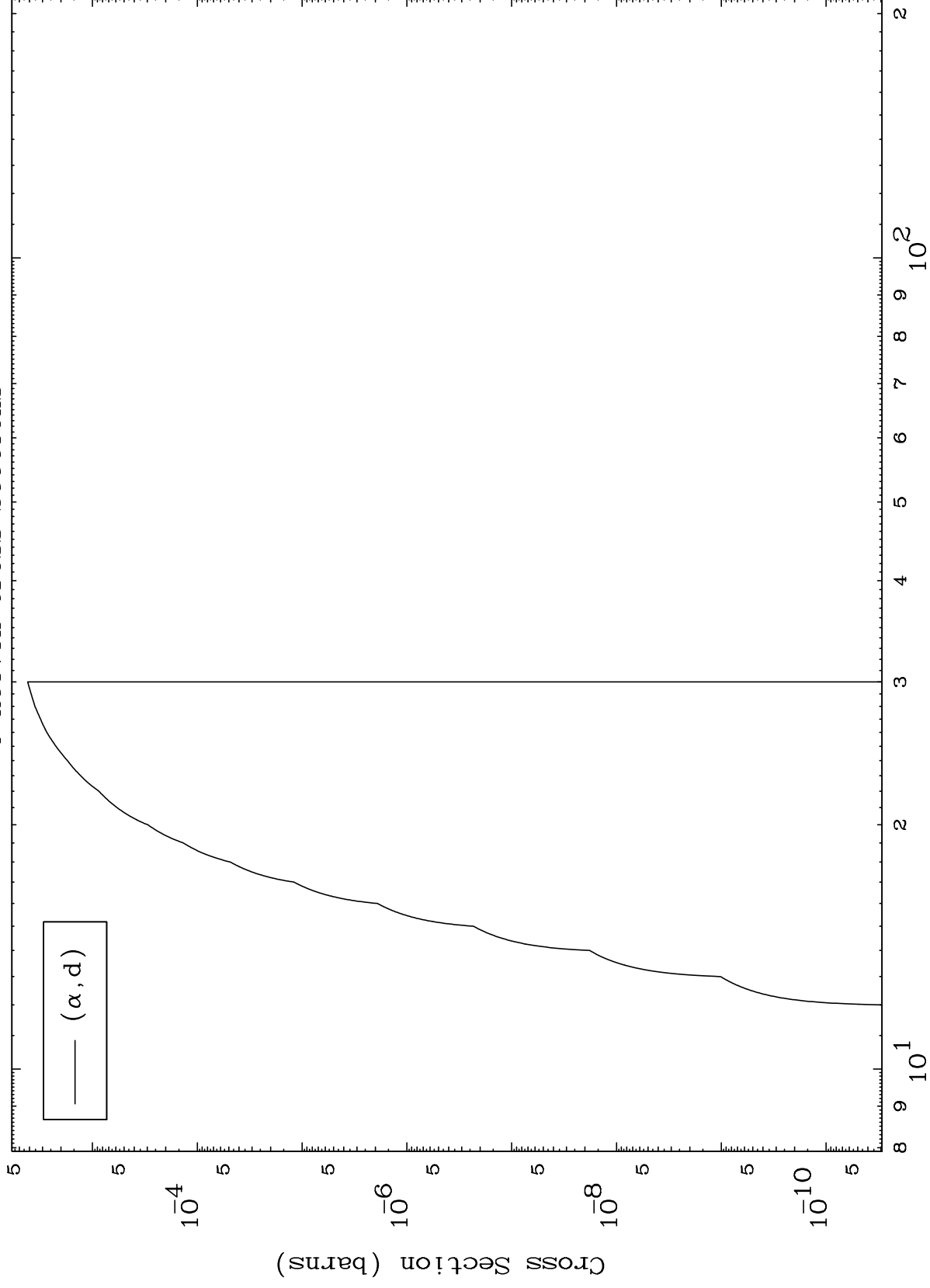
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

41-Nb-98



8

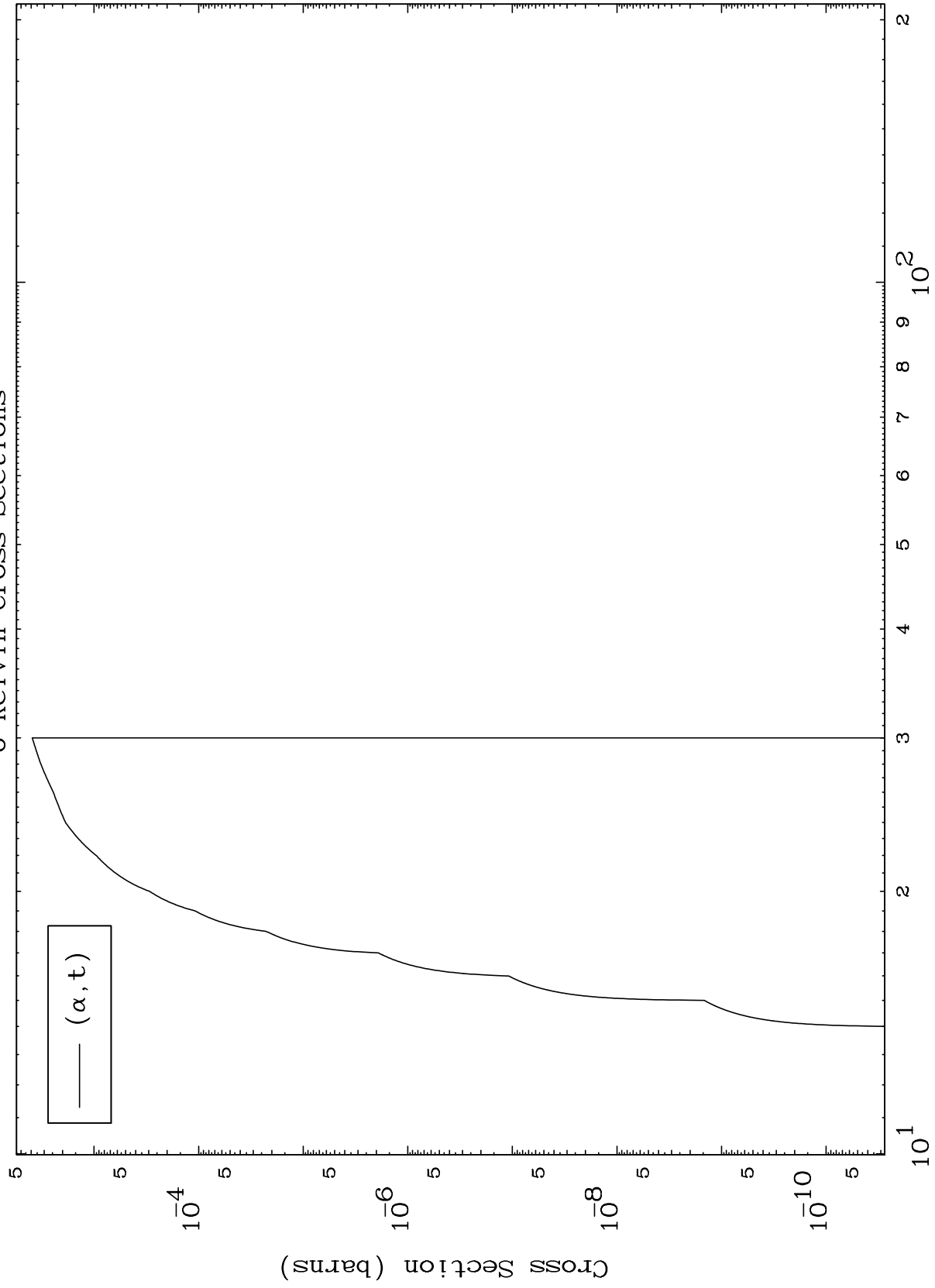
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

41-Nb-98



9

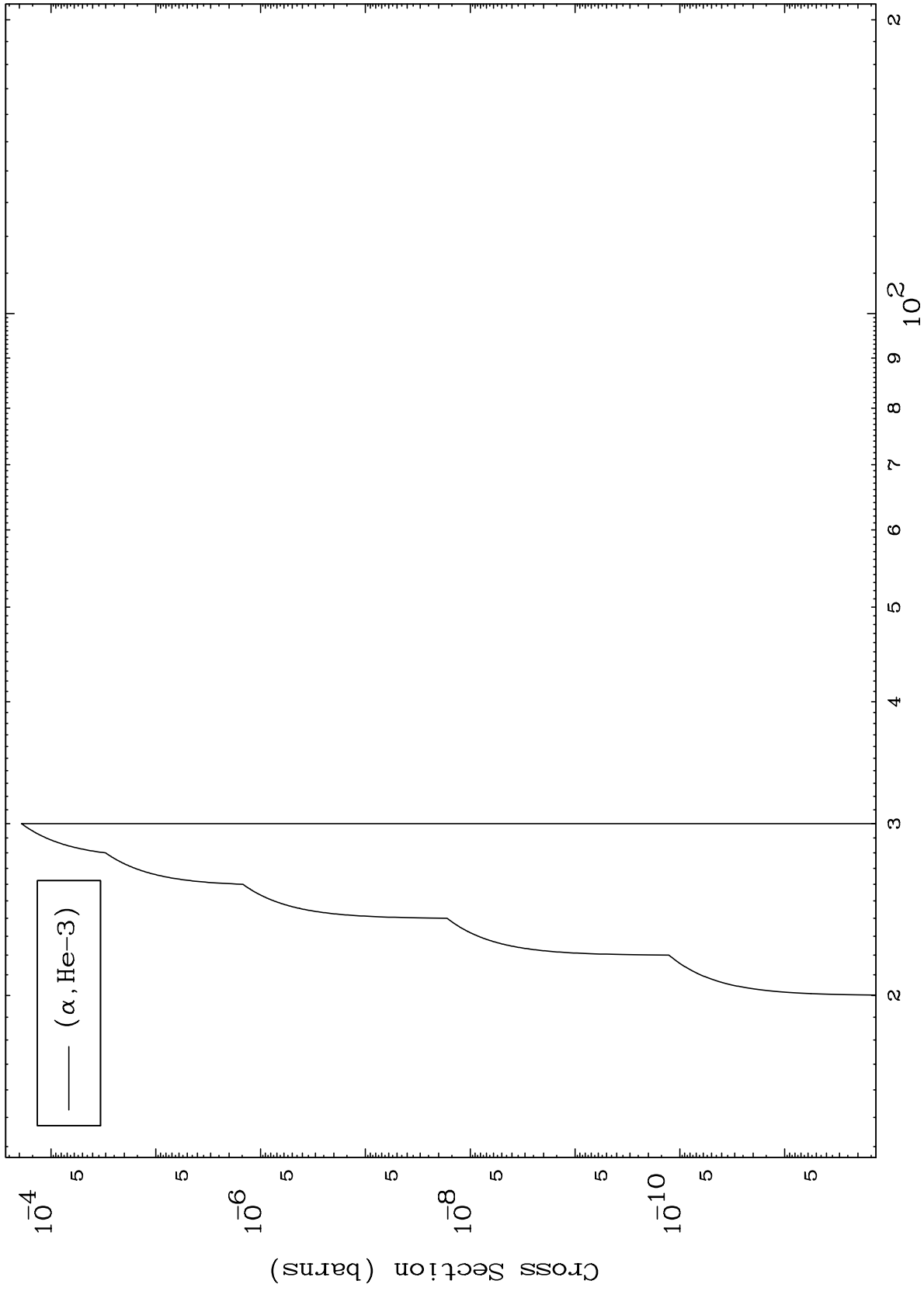
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

41-Nb-98



10

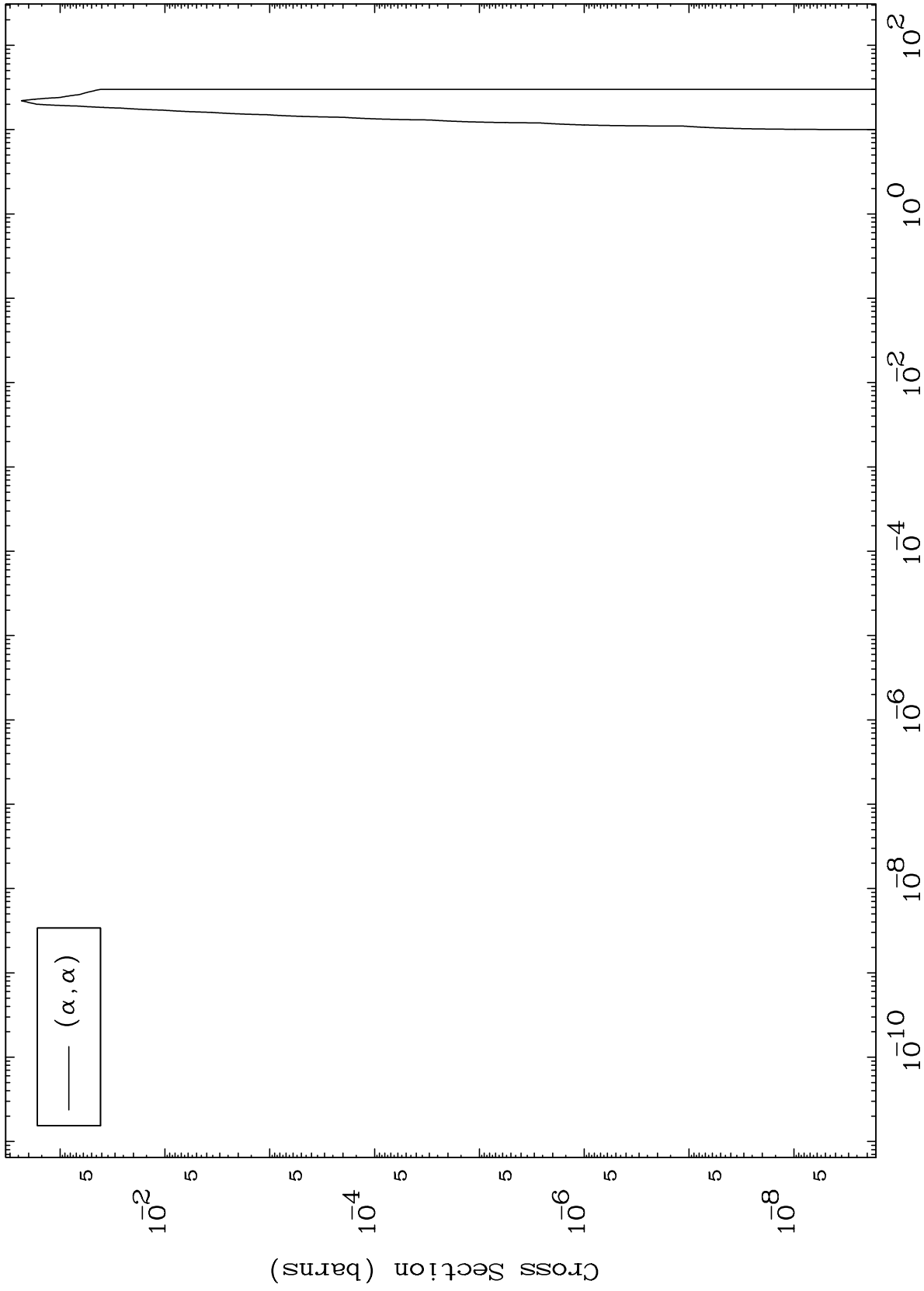
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

41-Nb-98



11

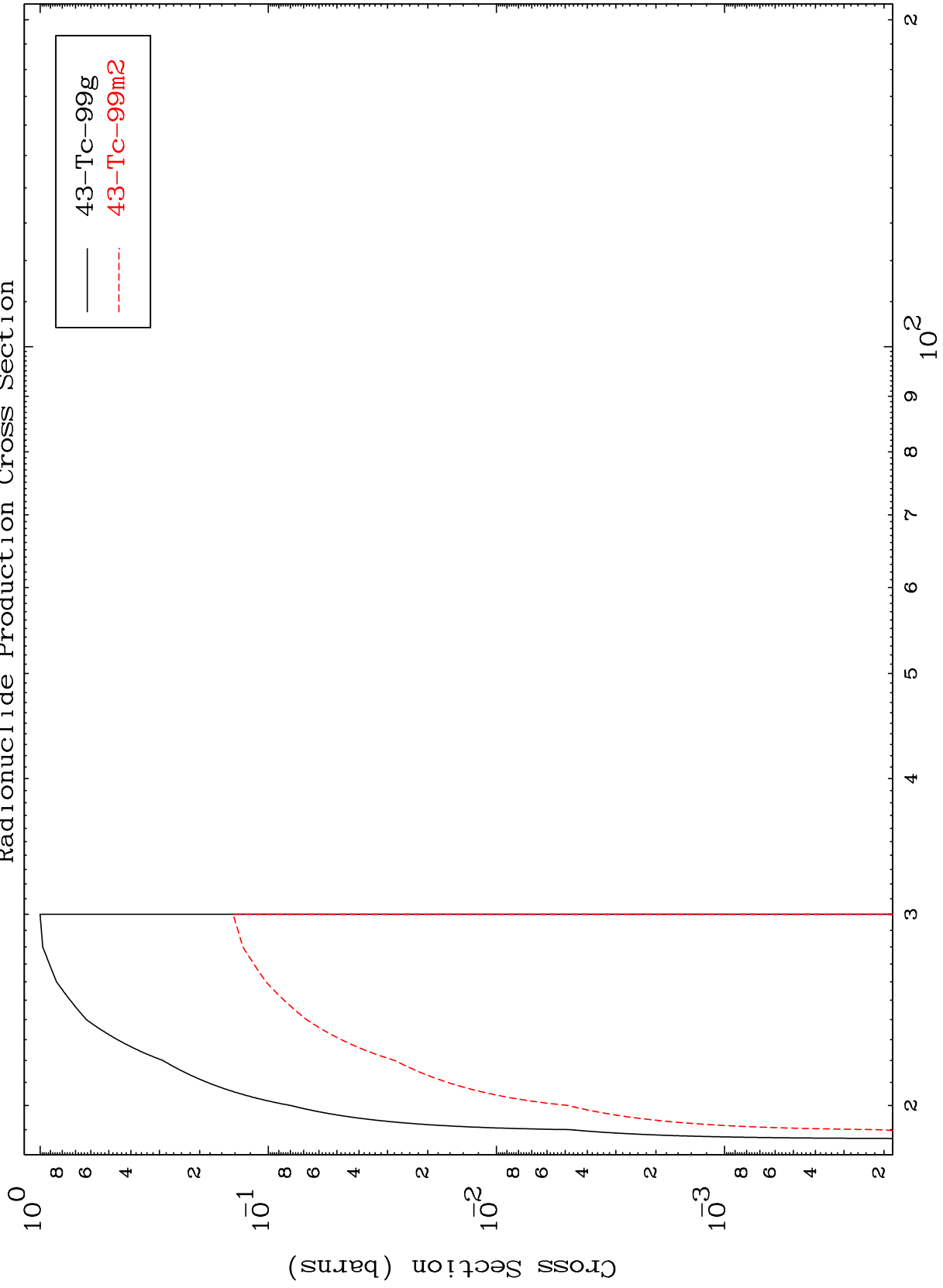
Incident Energy (MeV)

41-Nb-98

MAT 4141

41-Nb-98

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



12

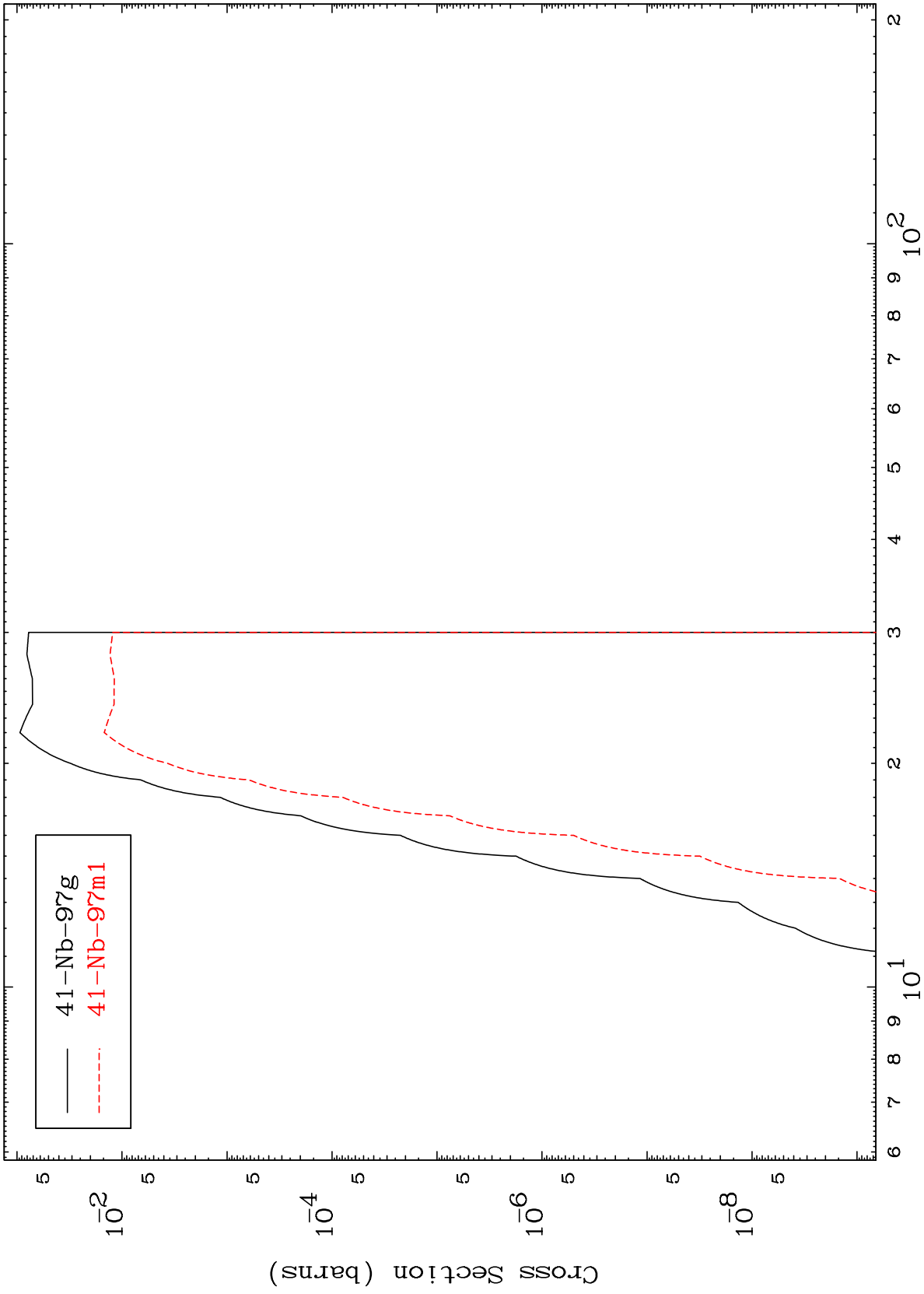
Incident Energy (MeV)

41-Nb-98

MAT 4141

41-Nb-98

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



13

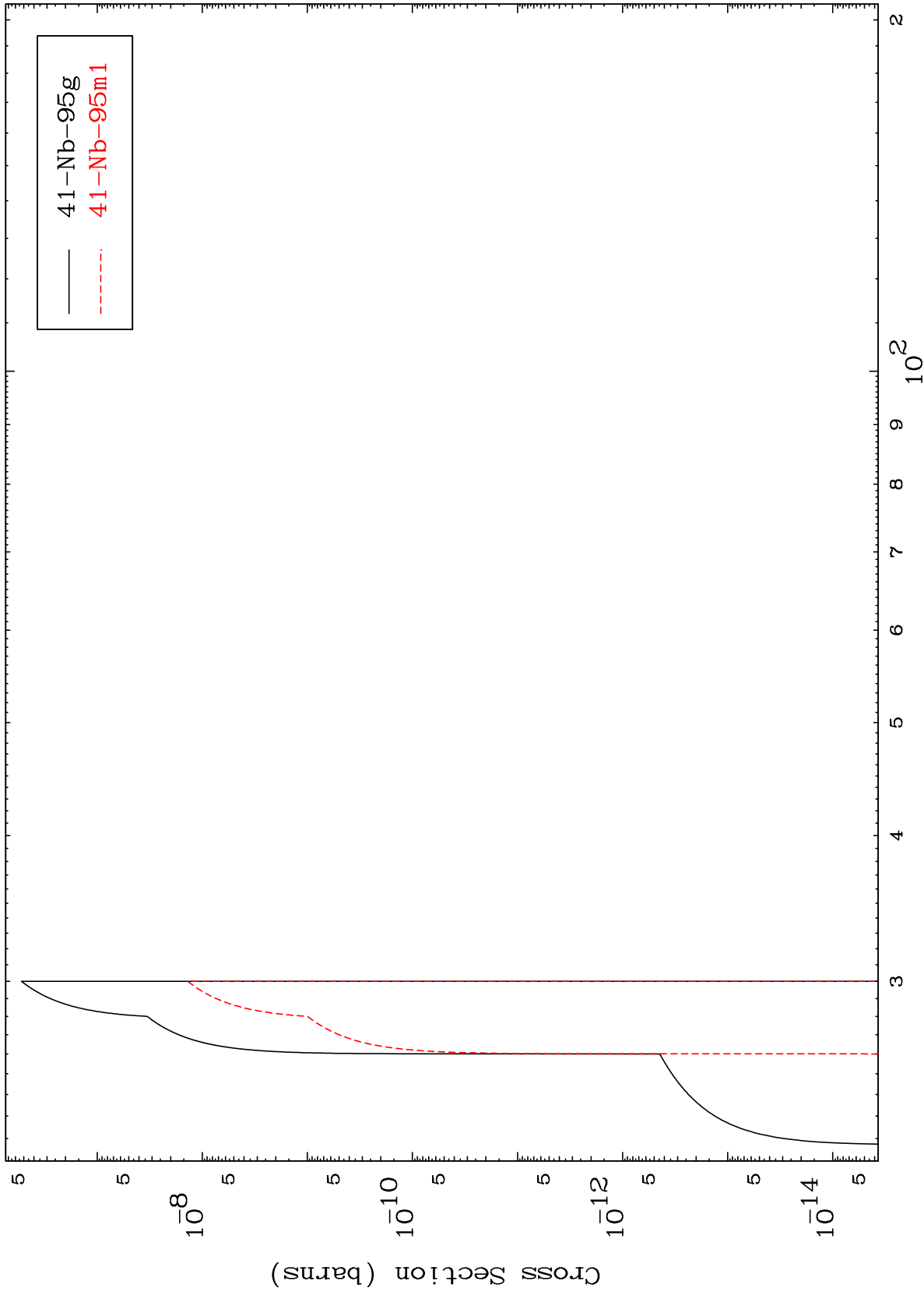
41-Nb-98

MAT 4141

( $\alpha, 3n$ )  $\alpha$

41-Nb-98

Radionuclide Production Cross Section



14

Incident Energy (MeV)

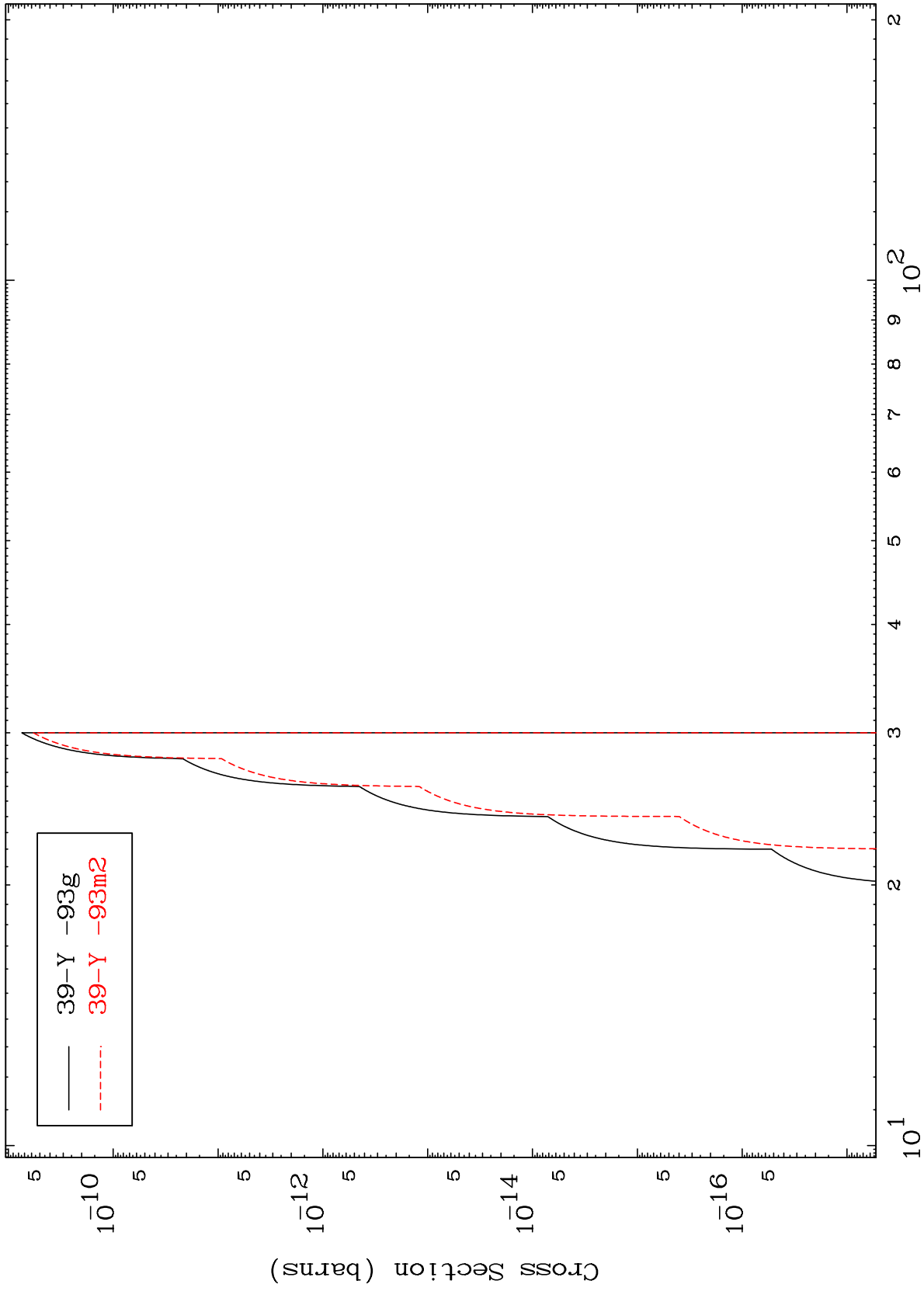
41-Nb-98

MAT 4141

( $\alpha, n'$ )  $2\alpha$

41-Nb-98

Radionuclide Production Cross Section



15

Incident Energy (MeV)

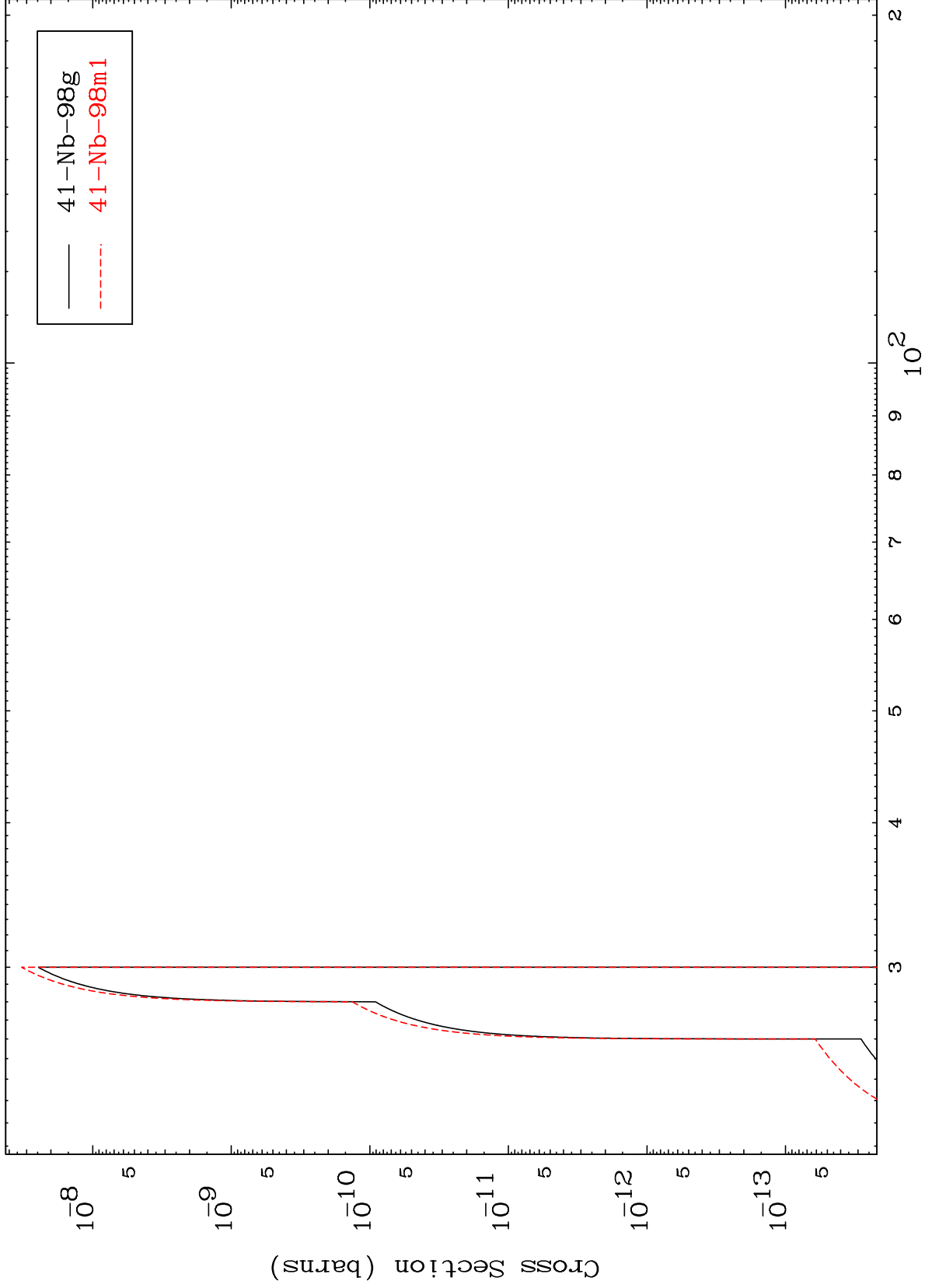
41-Nb-98

MAT 4141

( $\alpha, n'$ ) He-3

41-Nb-98

Radionuclide Production Cross Section



16

Incident Energy (MeV)

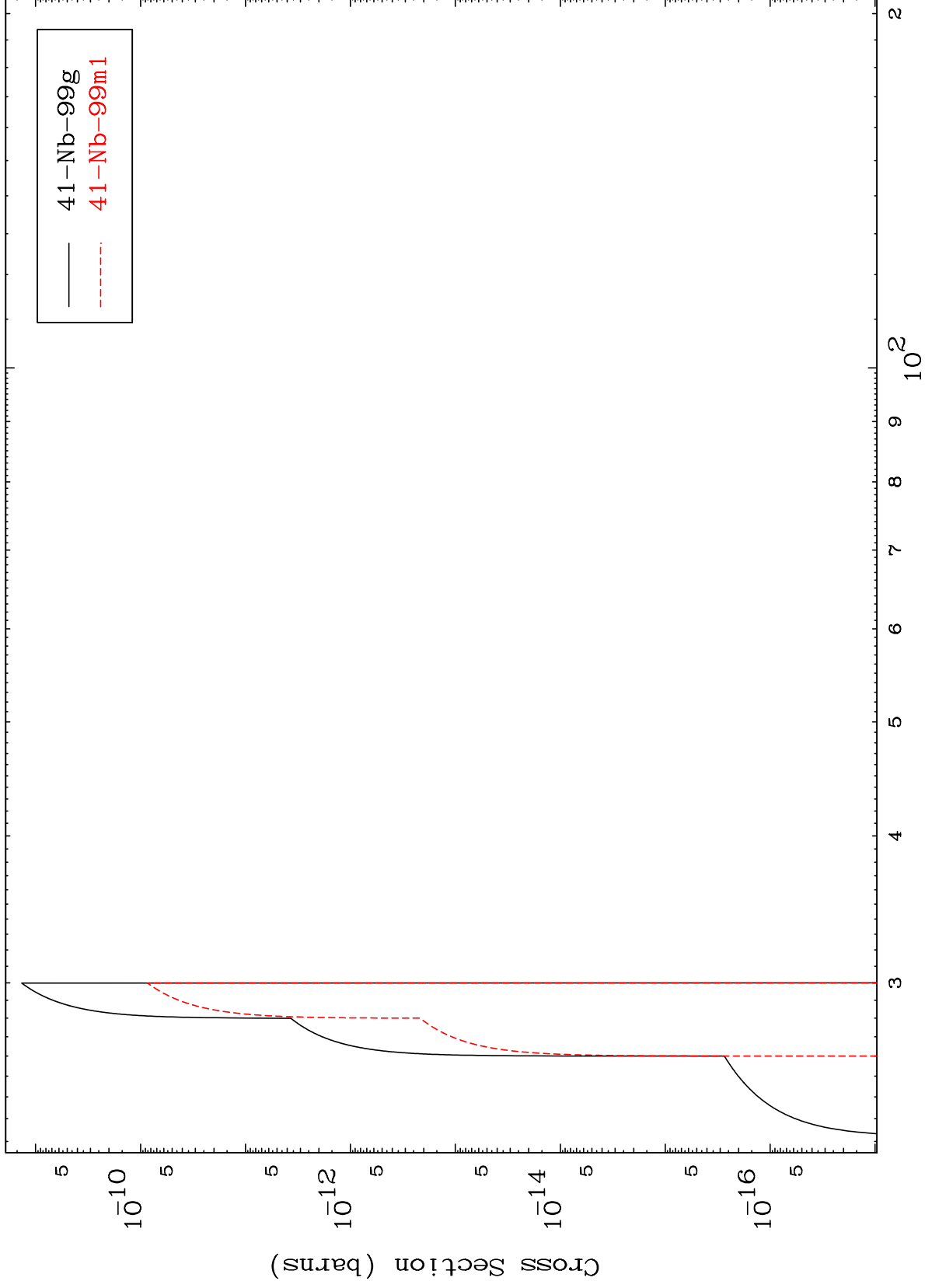
41-Nb-98

MAT 4141

( $\alpha, 2n$ ) p

41-Nb-98

Radionuclide Production Cross Section



17

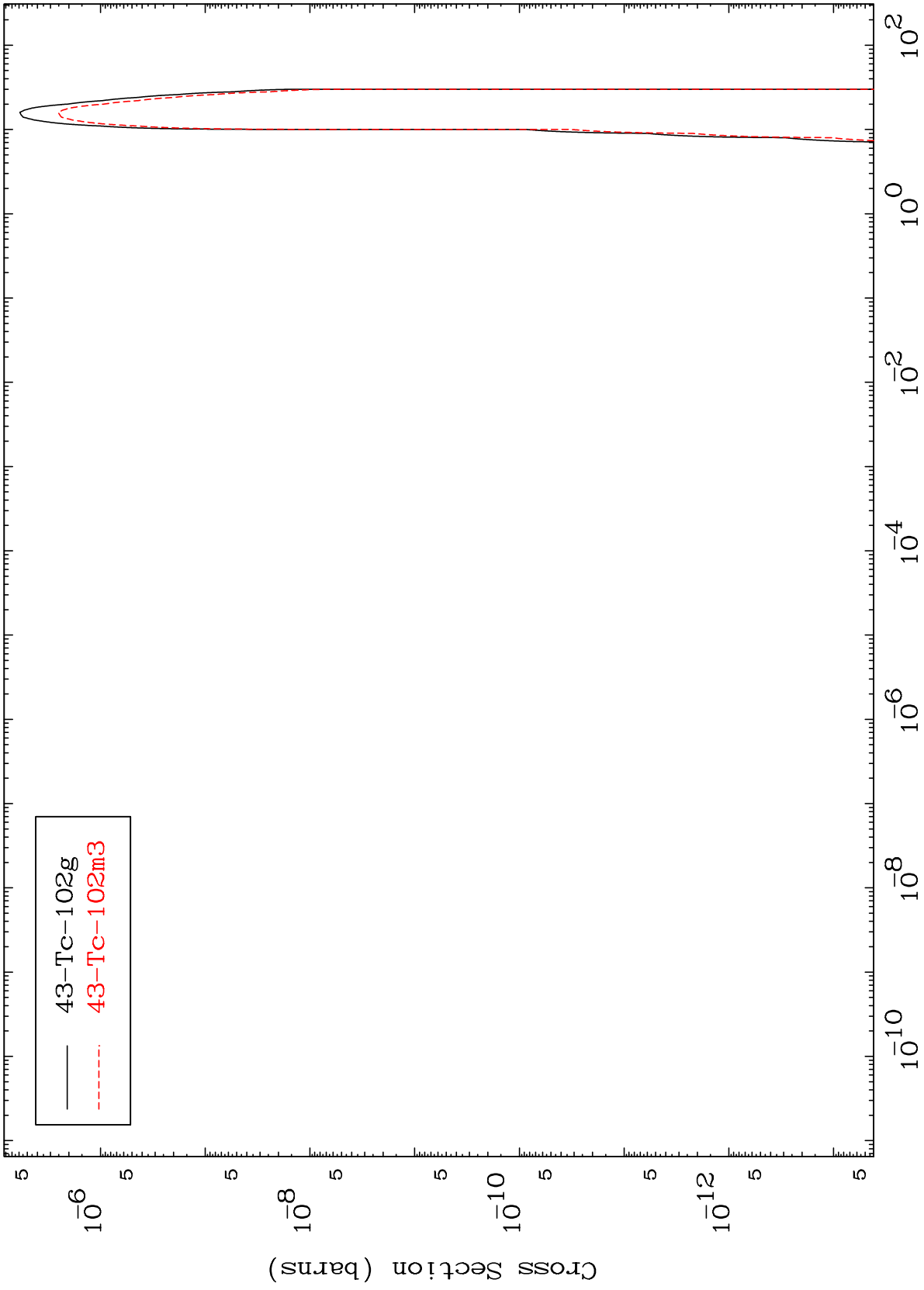
Incident Energy (MeV)

41-Nb-98

MAT 4141

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

41-Nb-98



18

Incident Energy (MeV)

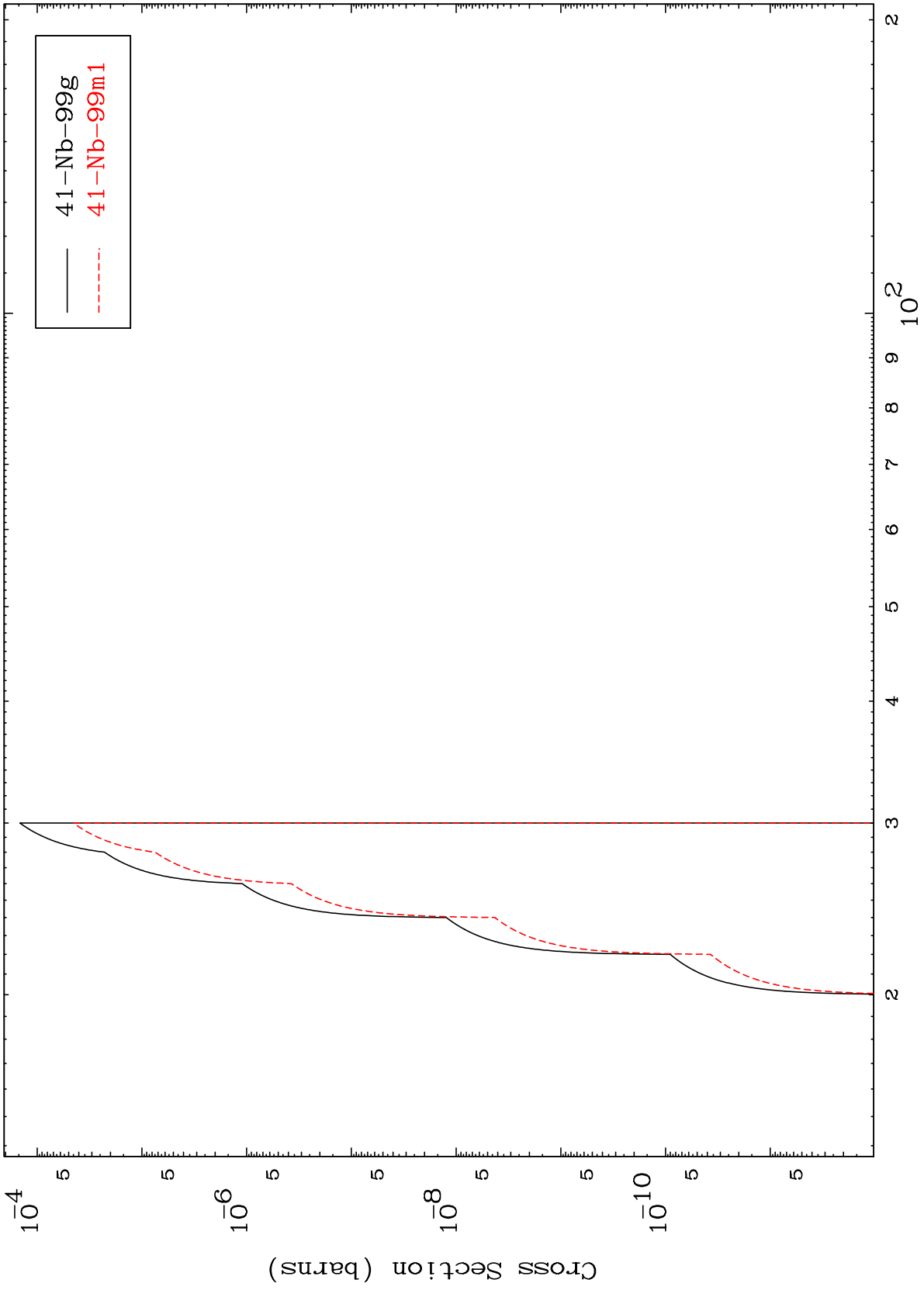
41-Nb-98

MAT 4141

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

41-Nb-98

Radionuclide Production Cross Section



19

Incident Energy (MeV)

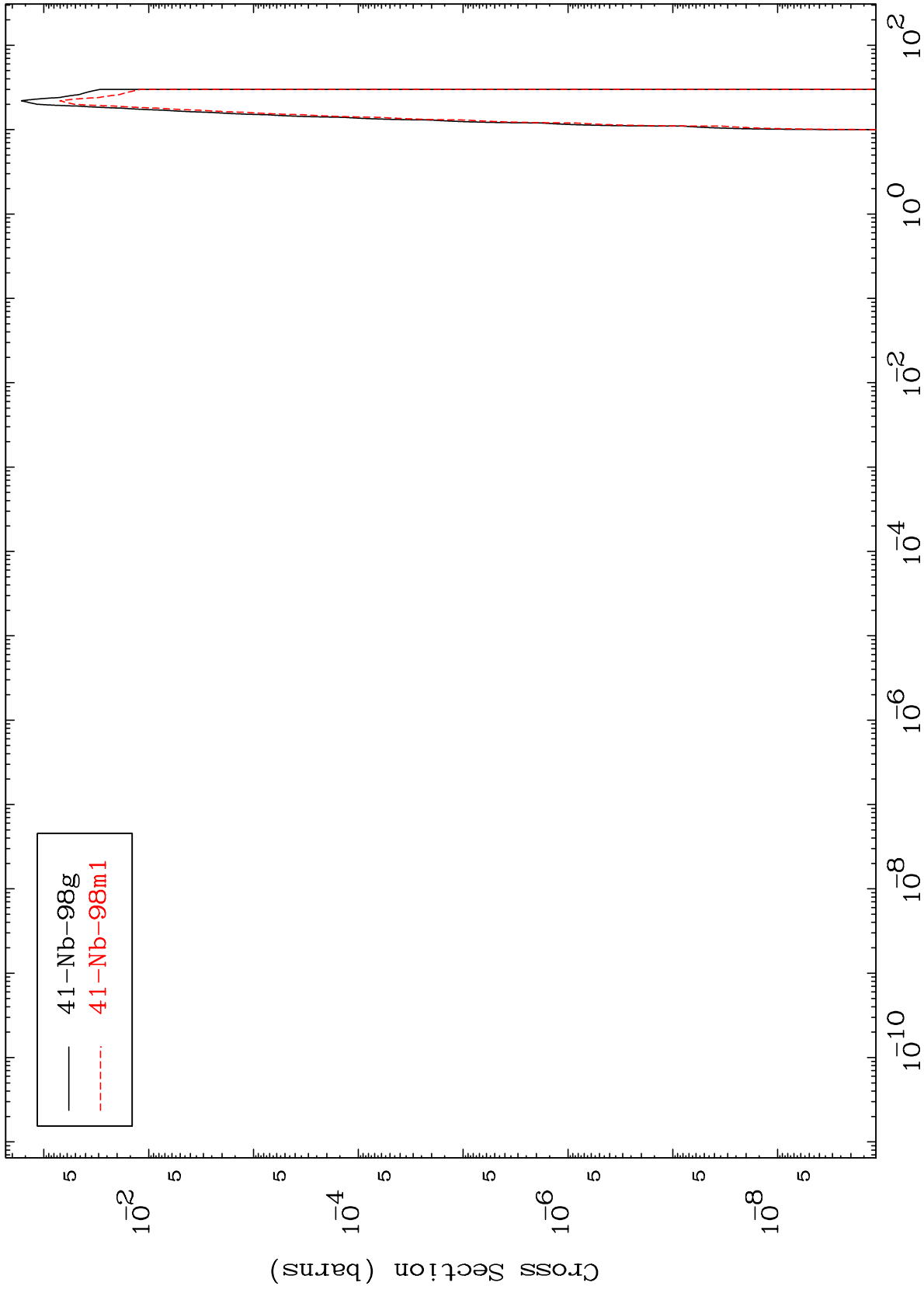
41-Nb-98

MAT 4141

( $\alpha, \alpha$ )

41-Nb-98

Radionuclide Production Cross Section



20

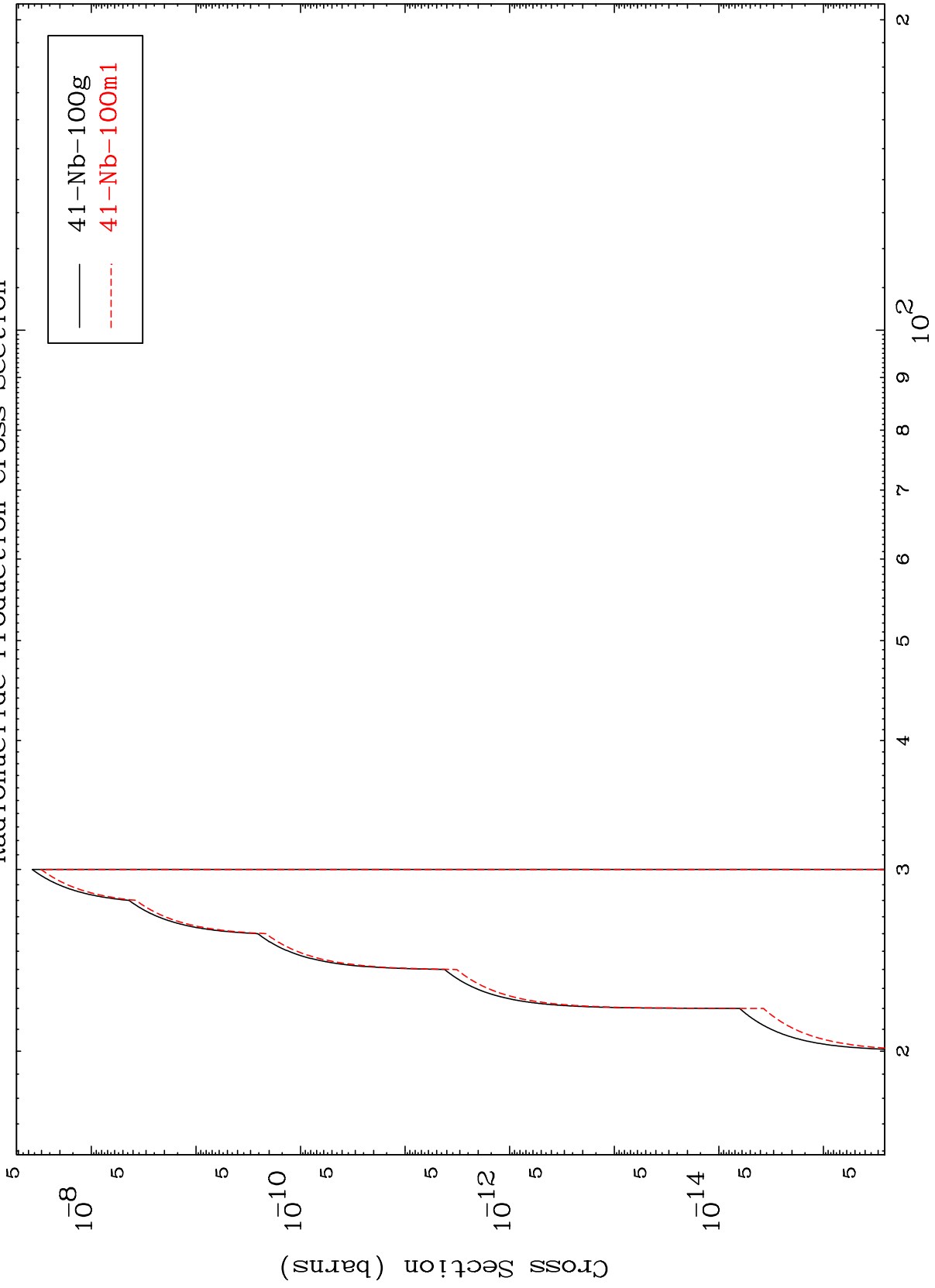
Incident Energy (MeV)

41-Nb-98

MAT 4141

41-Nb-98

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



21

41-Nb-98