

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

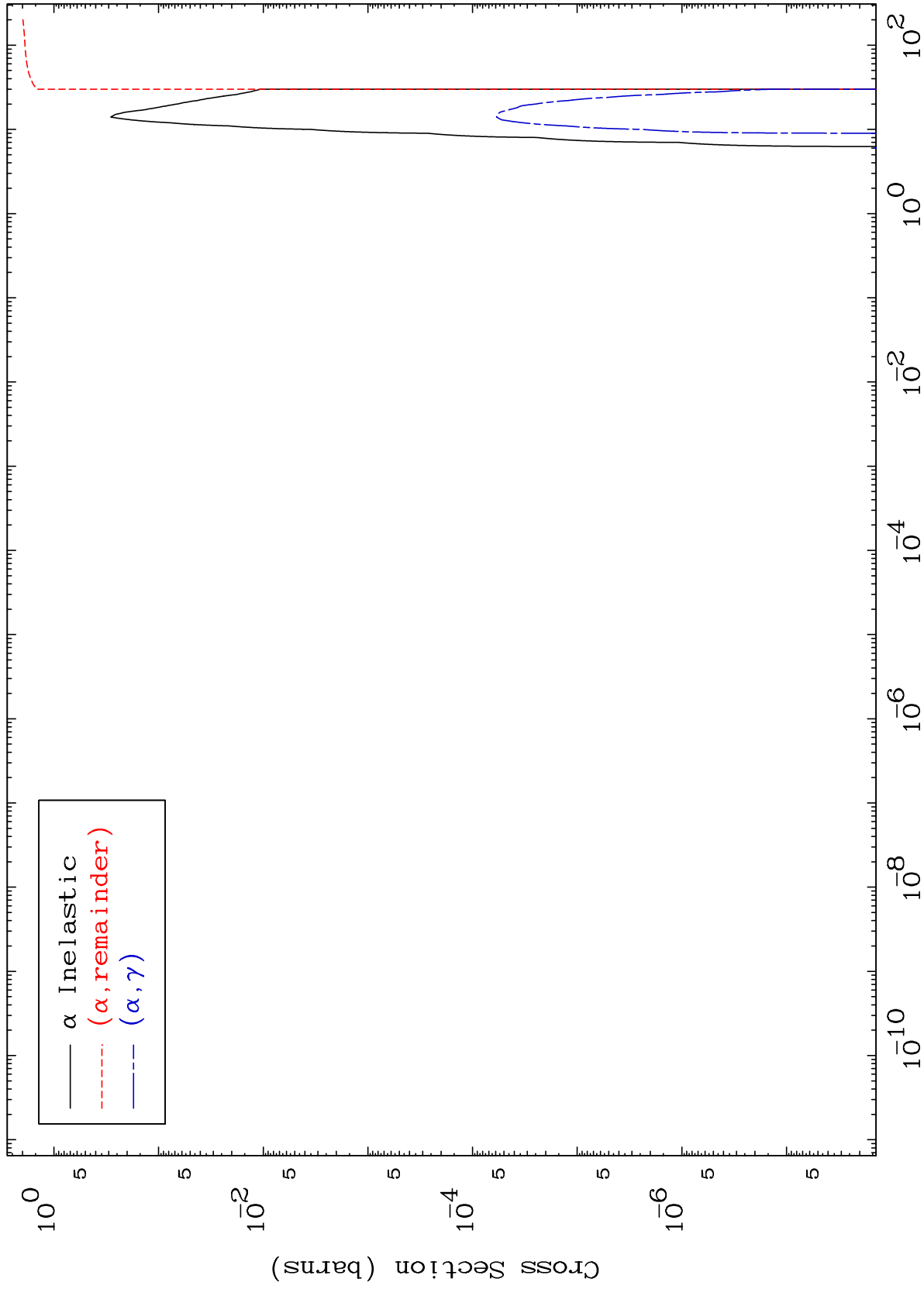
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4131

0 Kelvin  $\alpha$  Major  
Cross Sections

41-Nb-95



1

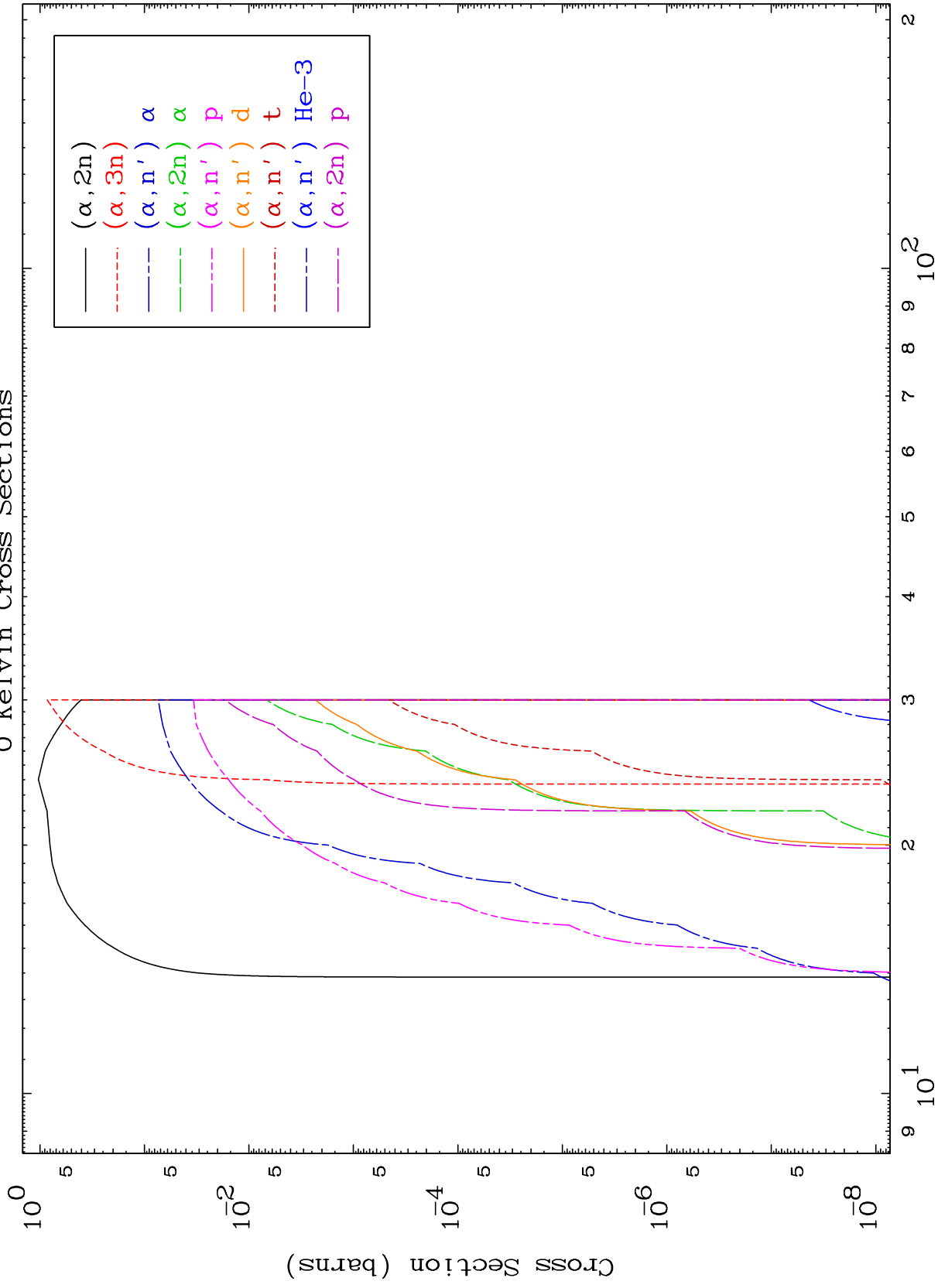
Incident Energy (MeV)

41-Nb-95

MAT 4131

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

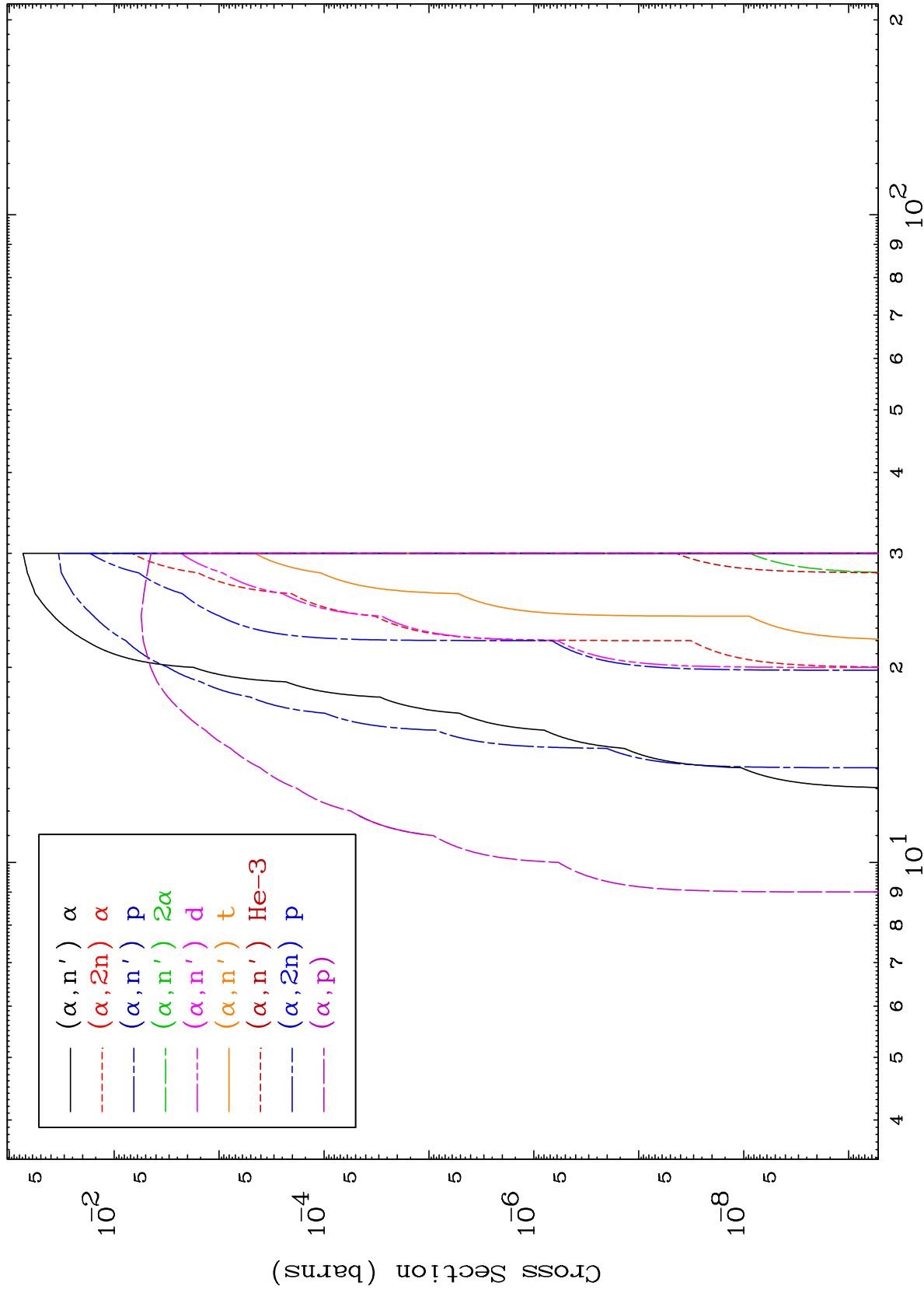
41-Nb-95

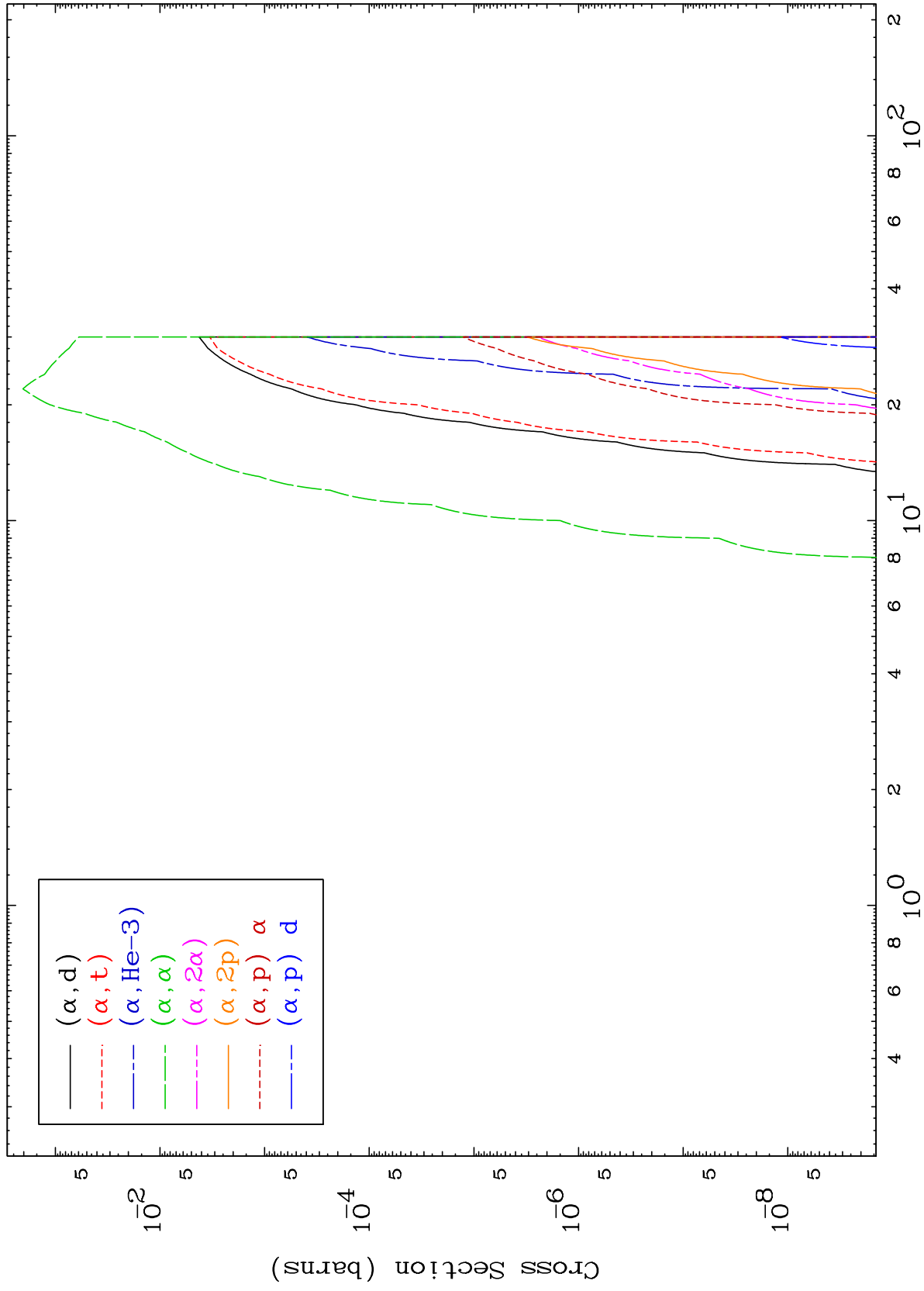


2

Incident Energy (MeV)

41-Nb-95

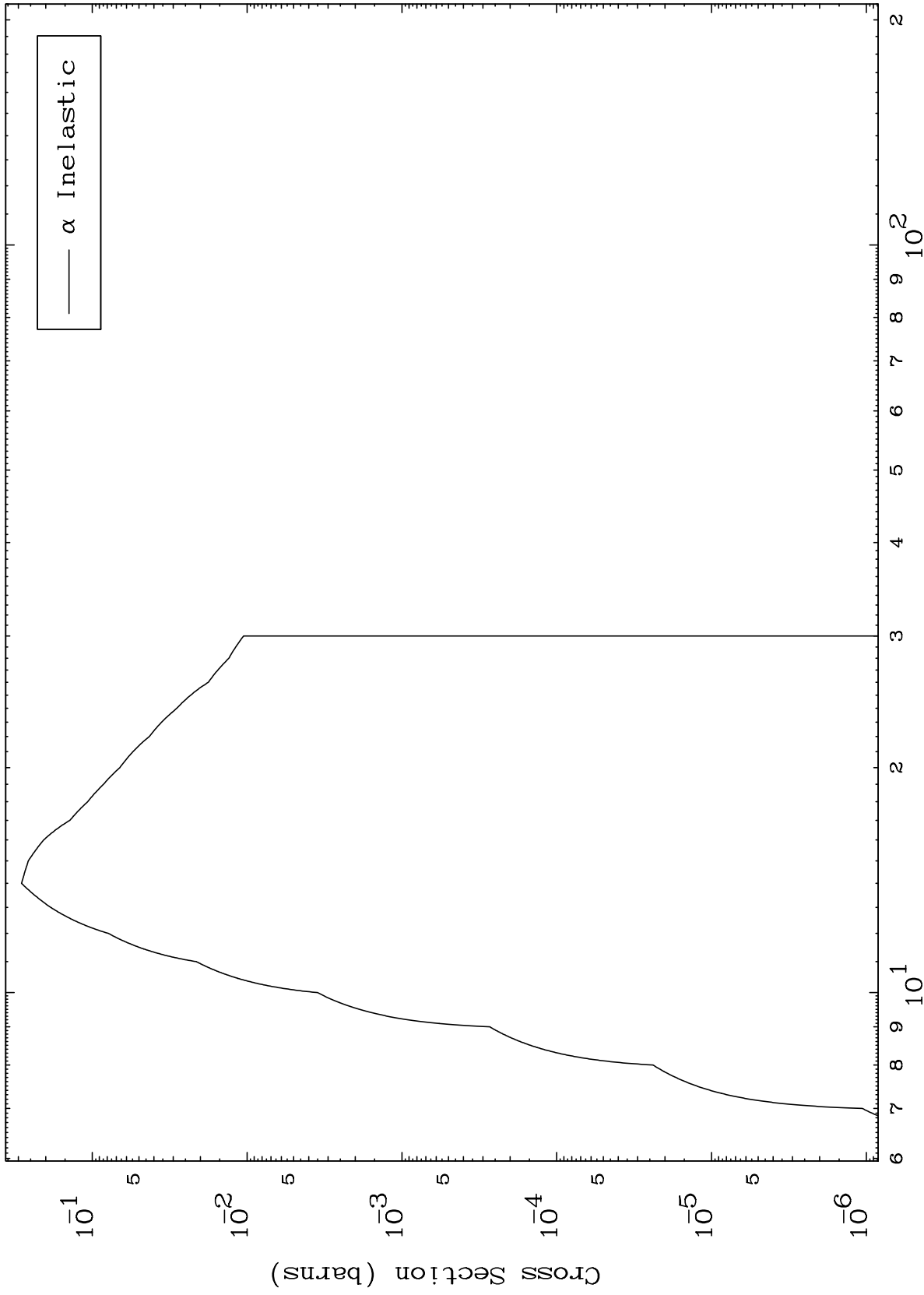




MAT 4131

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

41-Nb-95



5

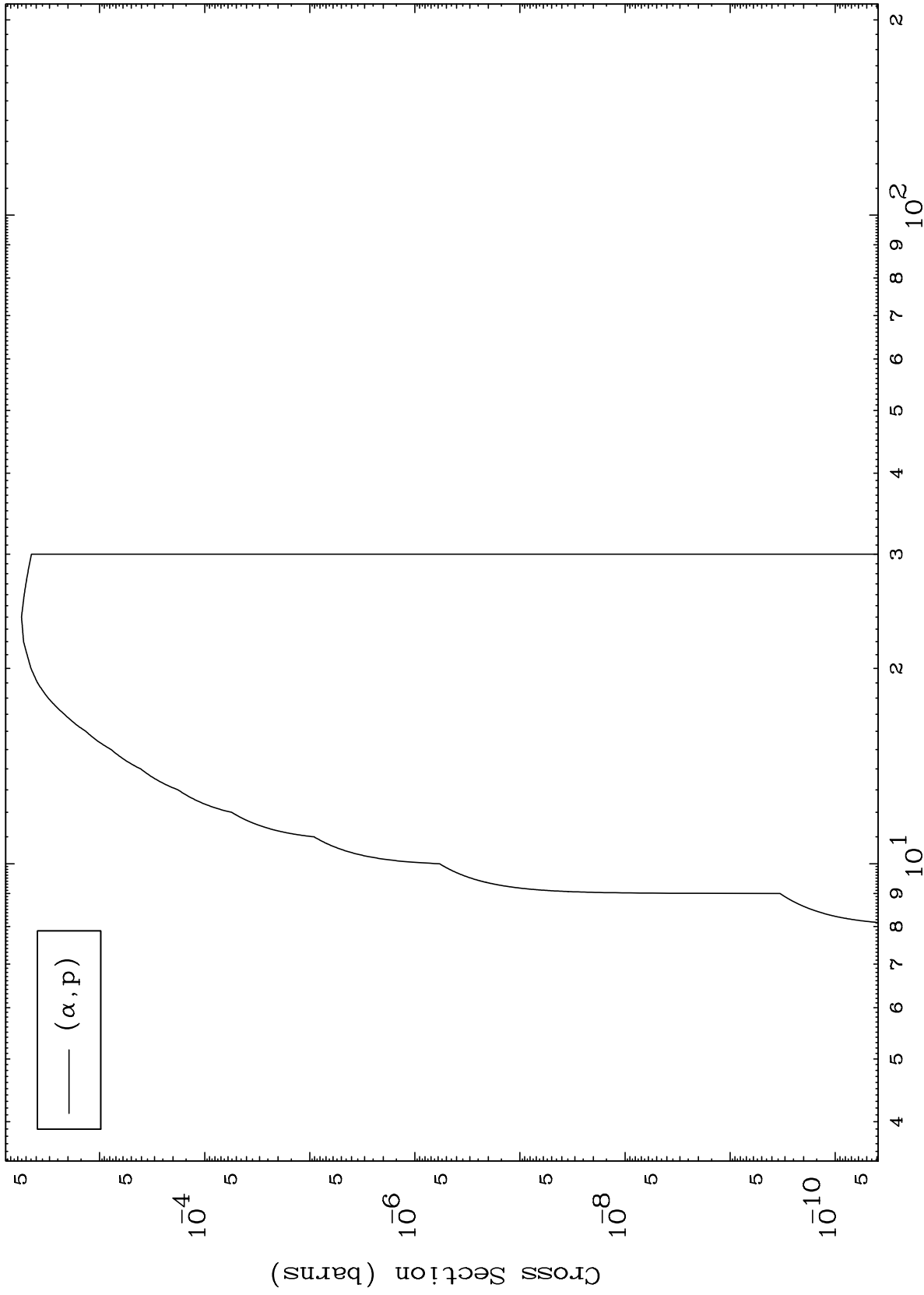
Incident Energy (MeV)

41-Nb-95

MAT 4131

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

41-Nb-95



6

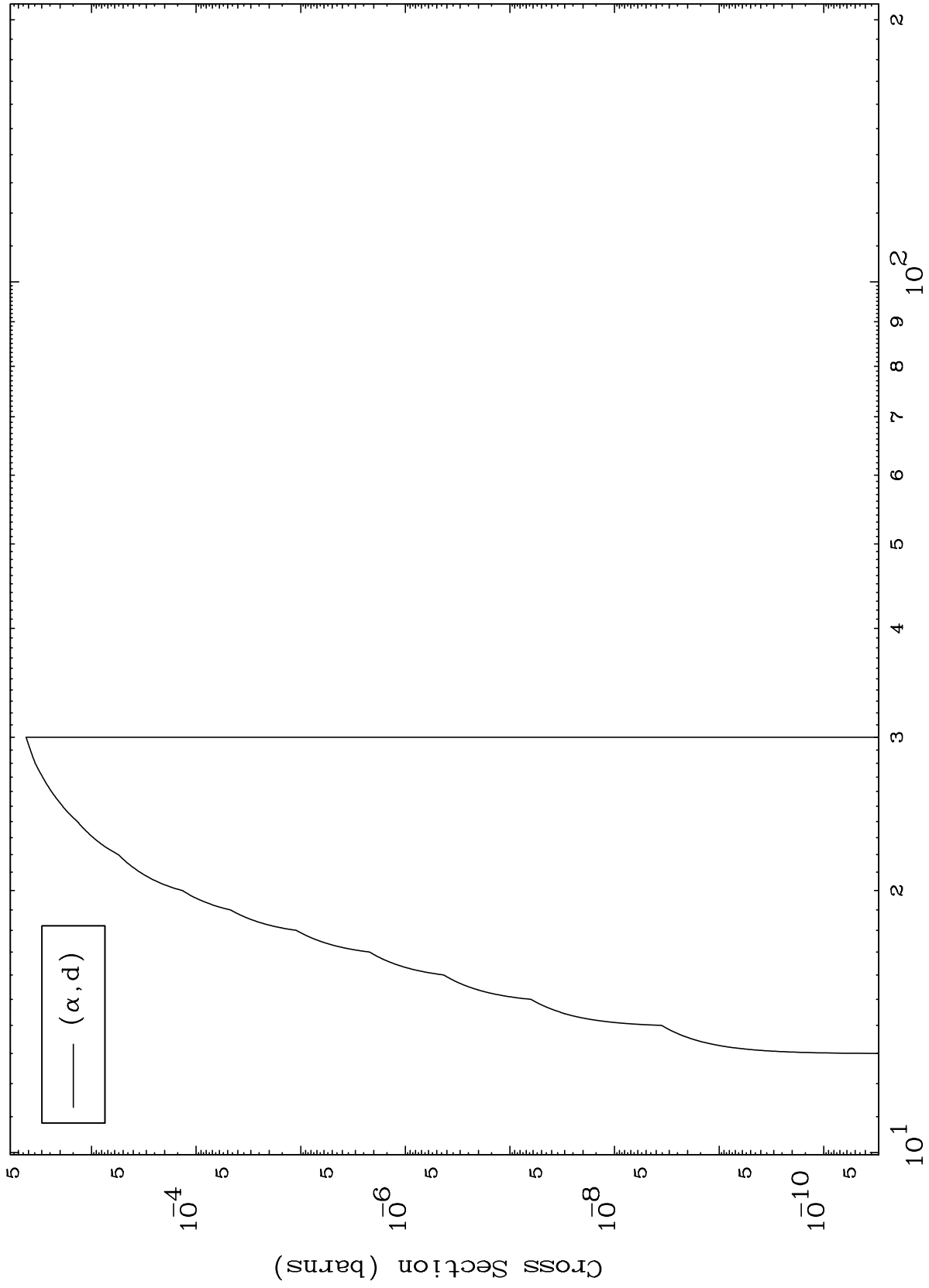
Incident Energy (MeV)

41-Nb-95

MAT 4131

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

41-Nb-95



Incident Energy (MeV)

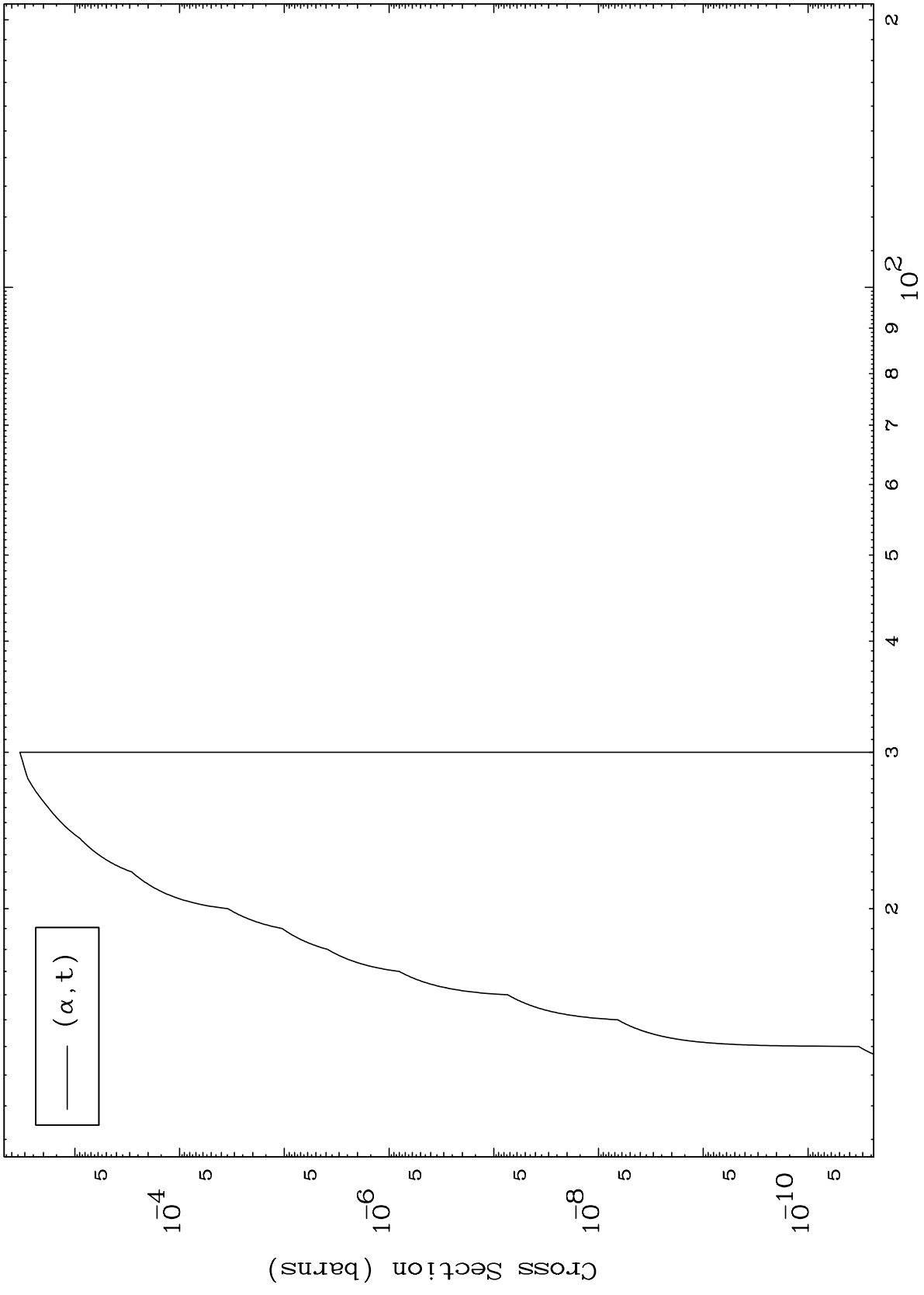
41-Nb-95



MAT 4131

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

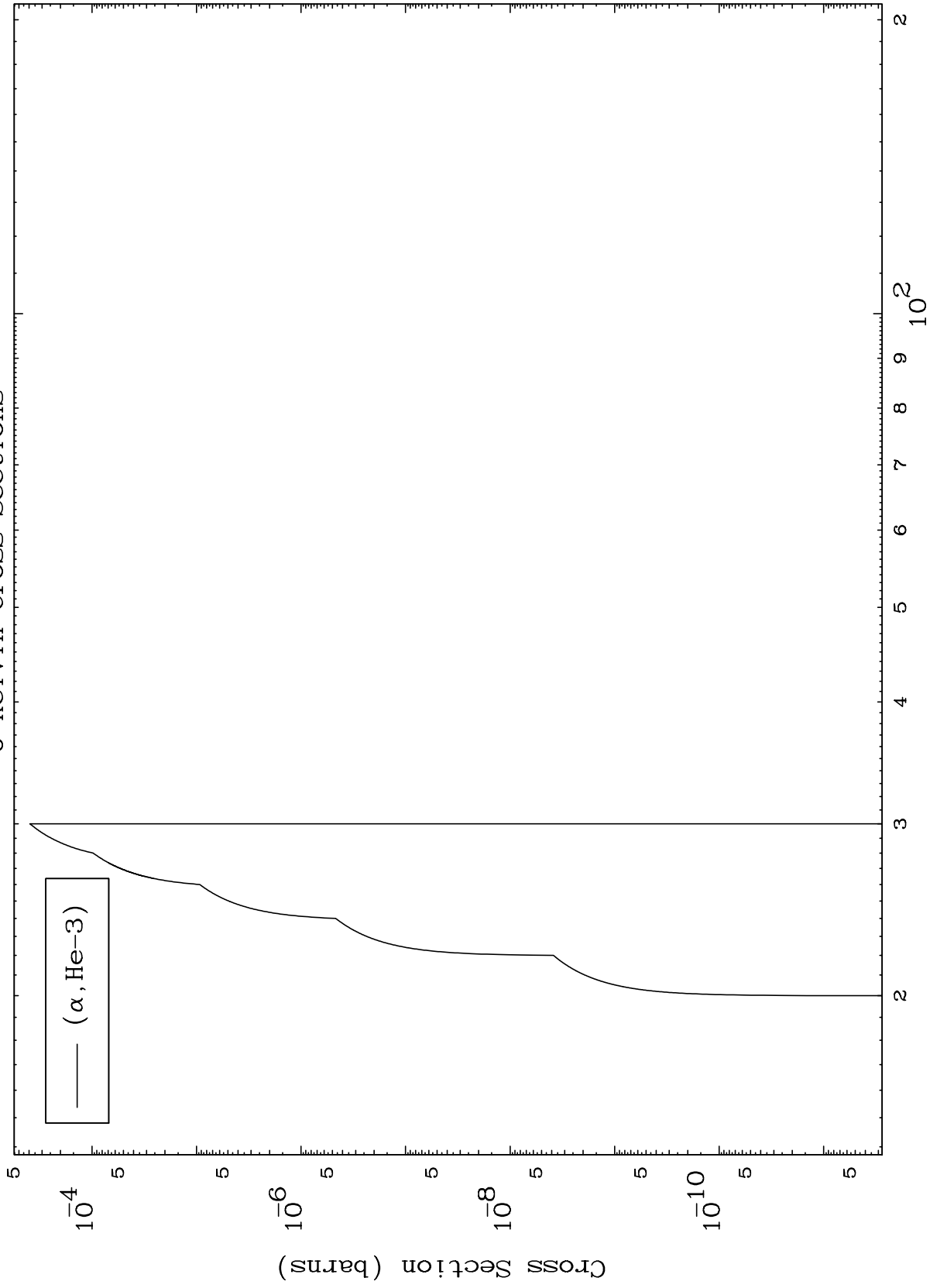
41-Nb-95



8

Incident Energy (MeV)

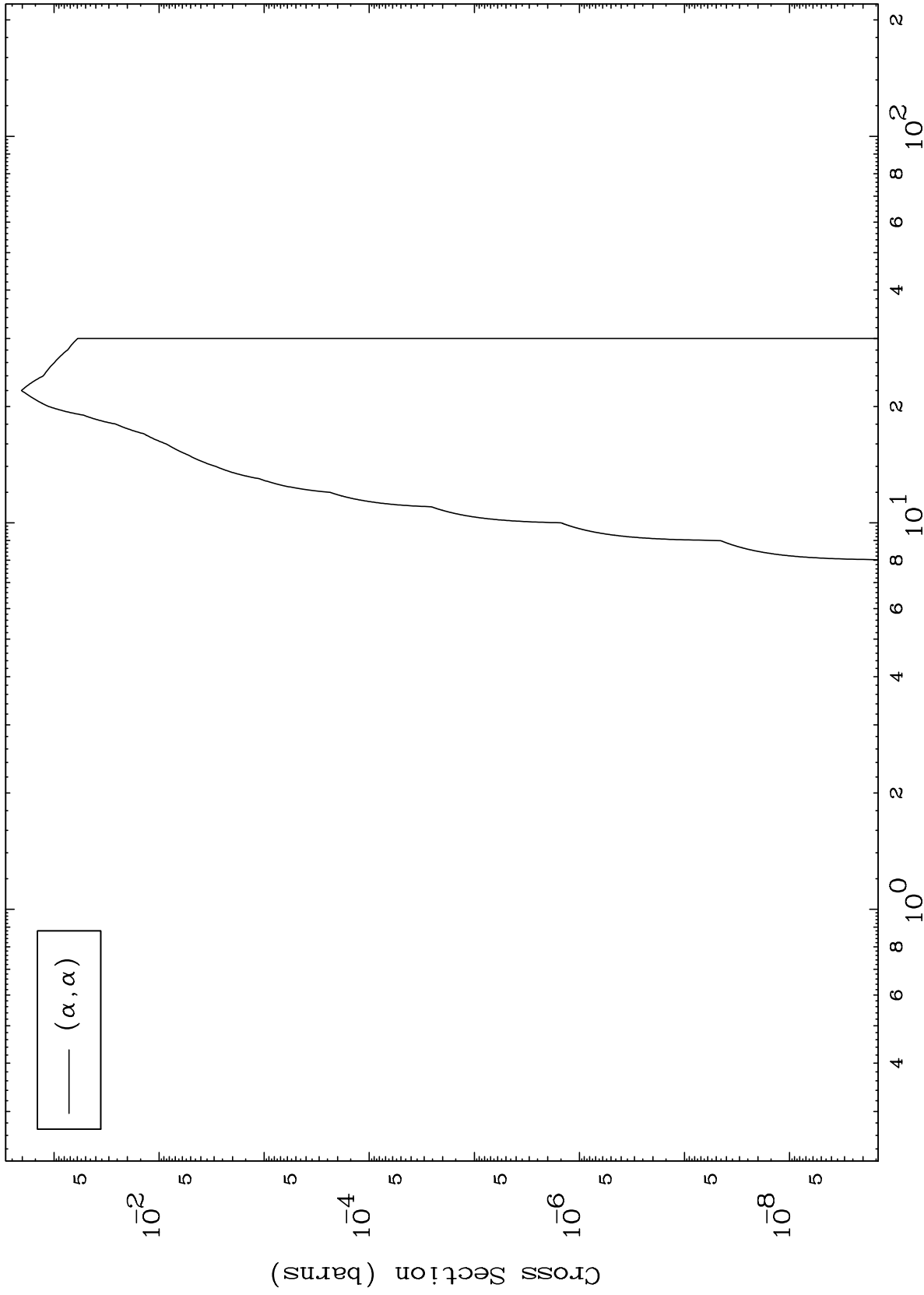
41-Nb-95



MAT 4131

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

41-Nb-95



10

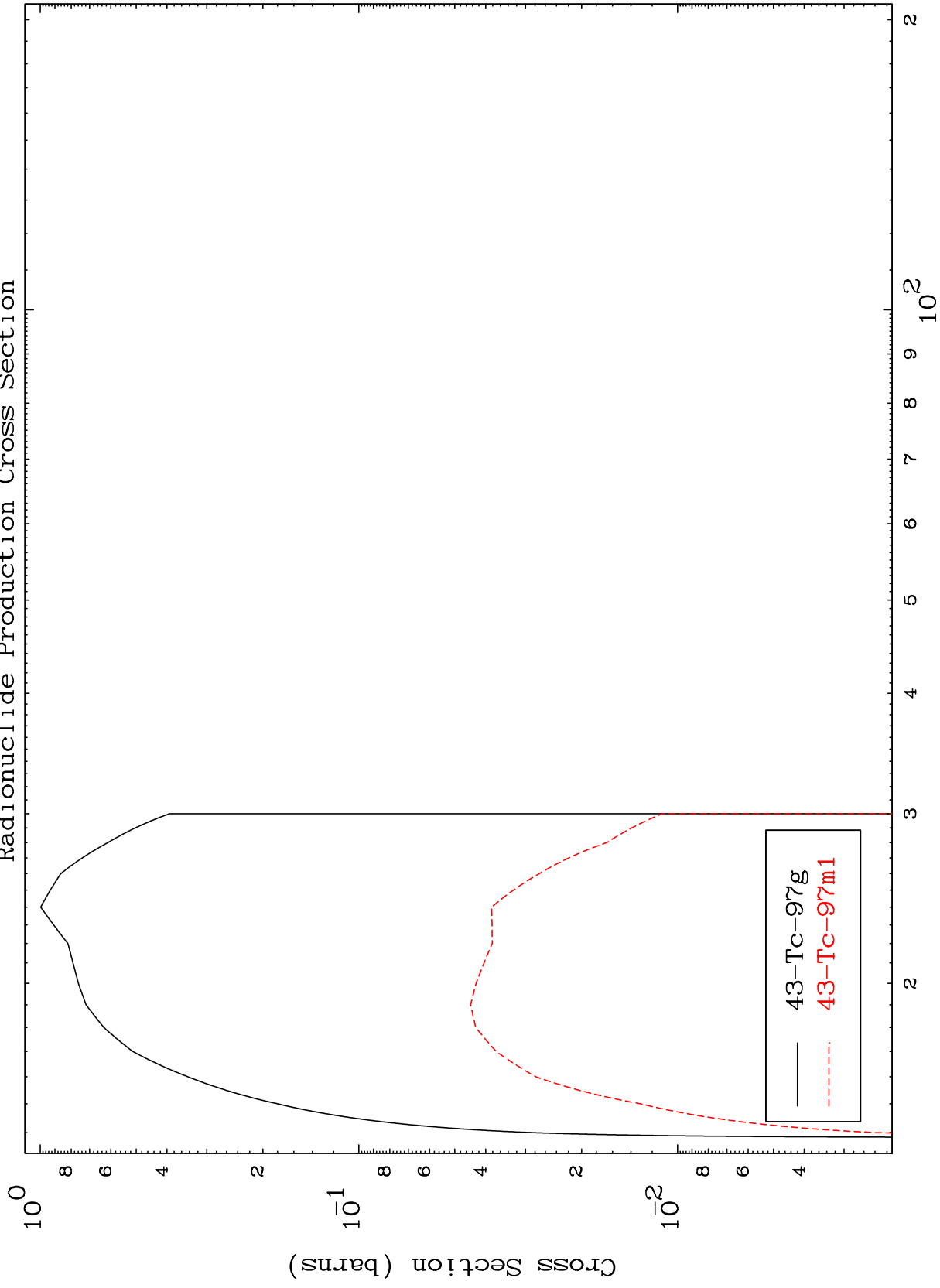
Incident Energy (MeV)

41-Nb-95

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41-Nb-95

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

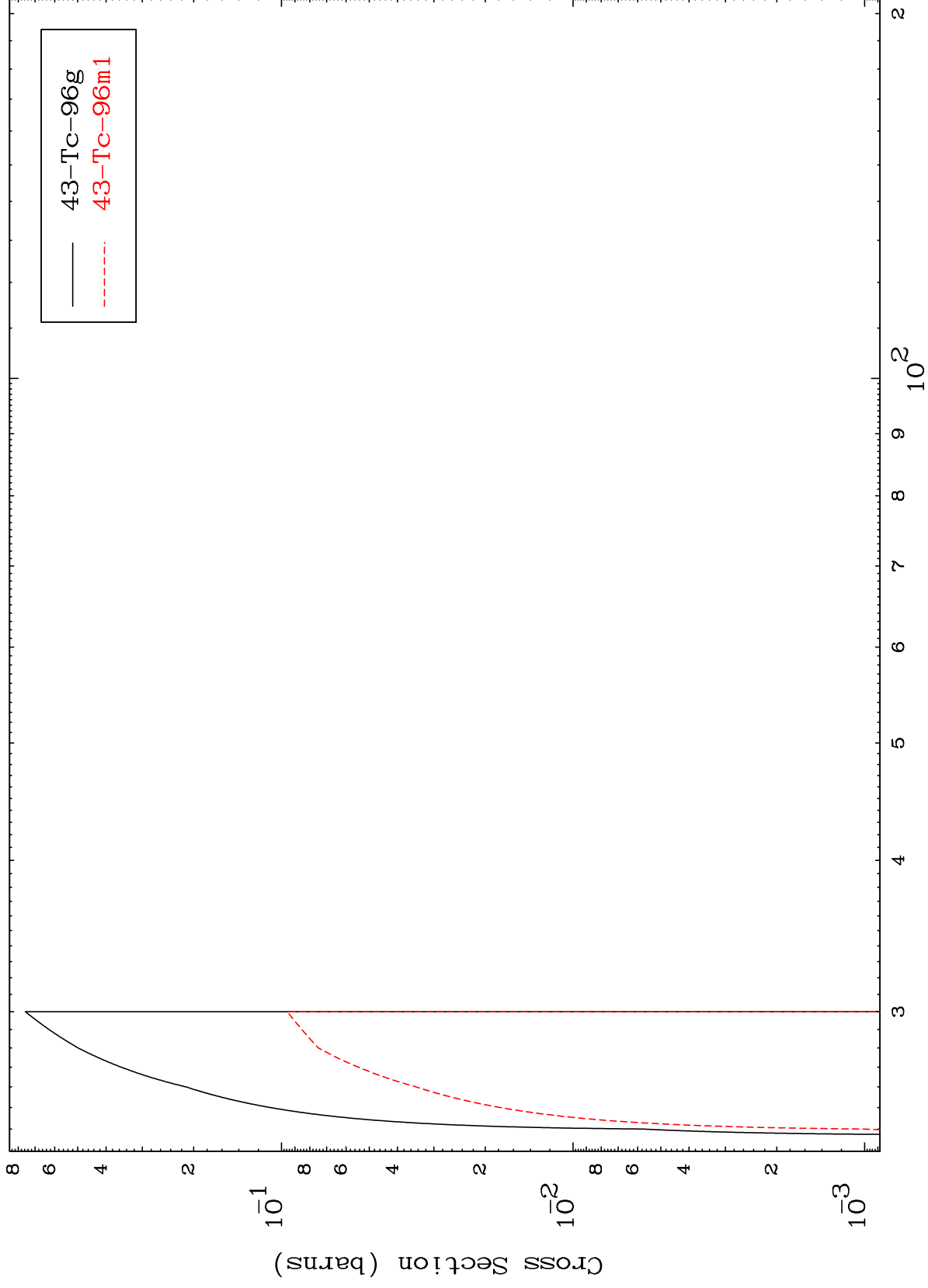


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( $\alpha, 3n$ )

41-Nb-95

Radionuclide Production Cross Section



12

Incident Energy (MeV)

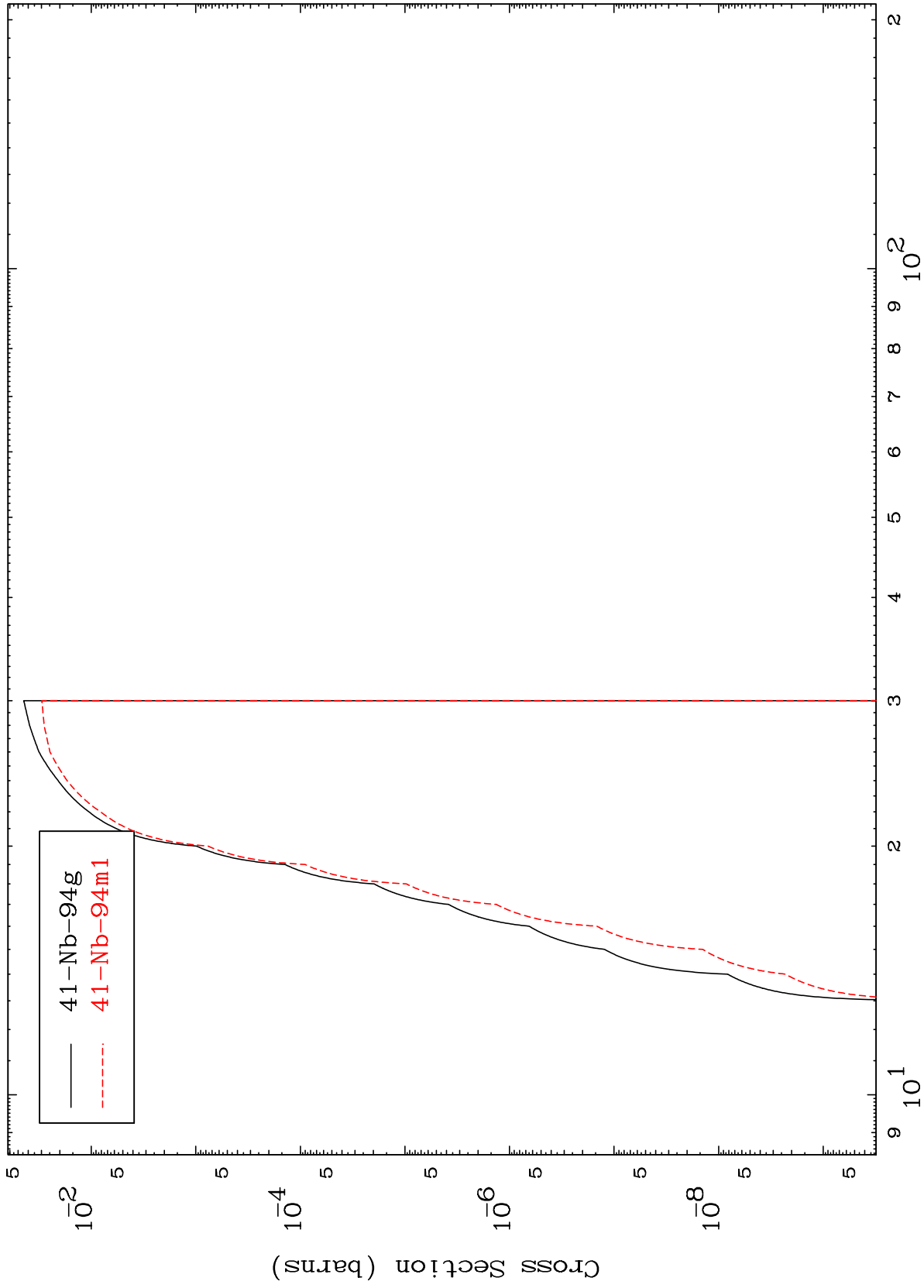
41-Nb-95

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

41-Nb-95

Radionuclide Production Cross Section



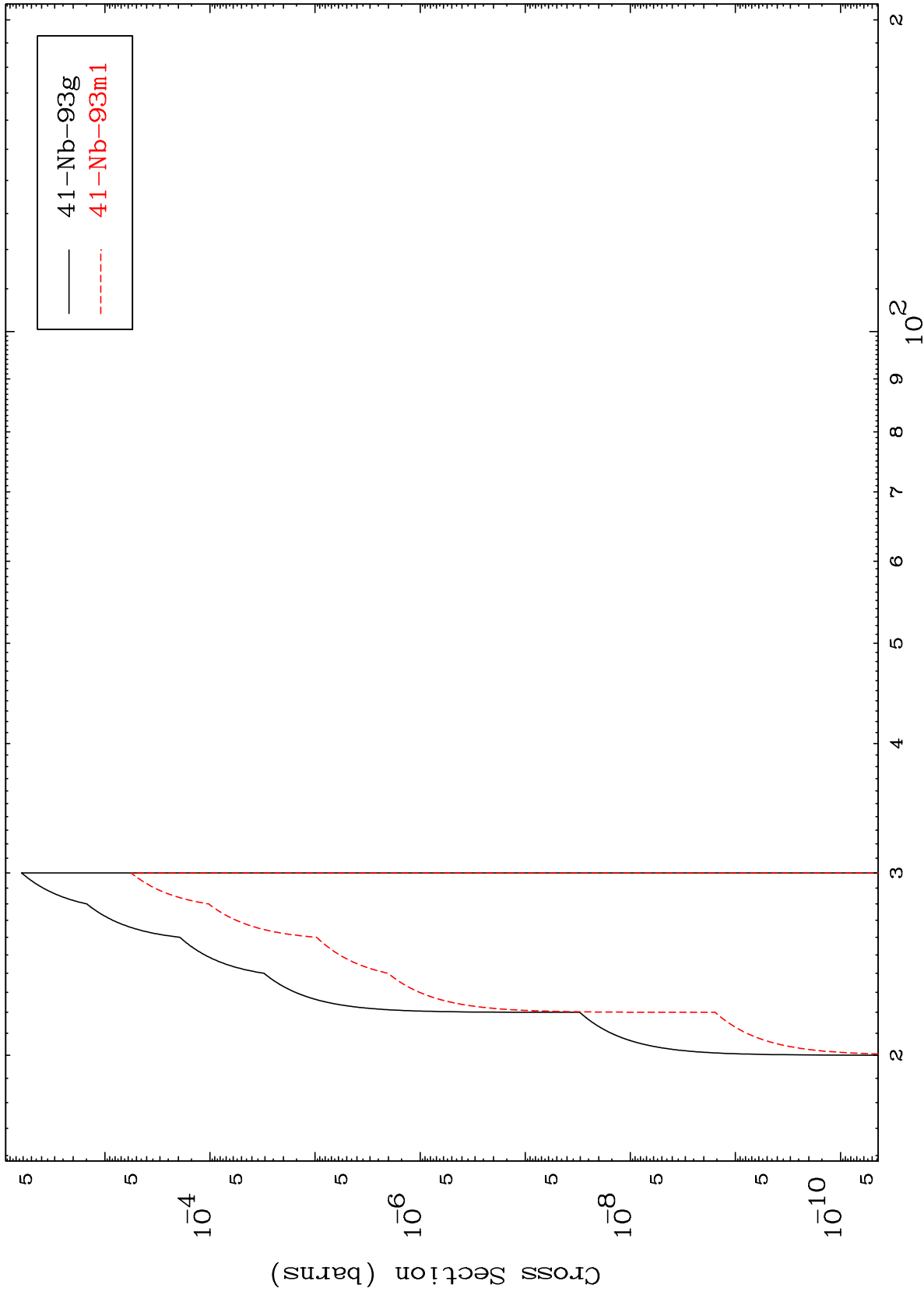
13

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

41-Nb-95

Radionuclide Production Cross Section



14

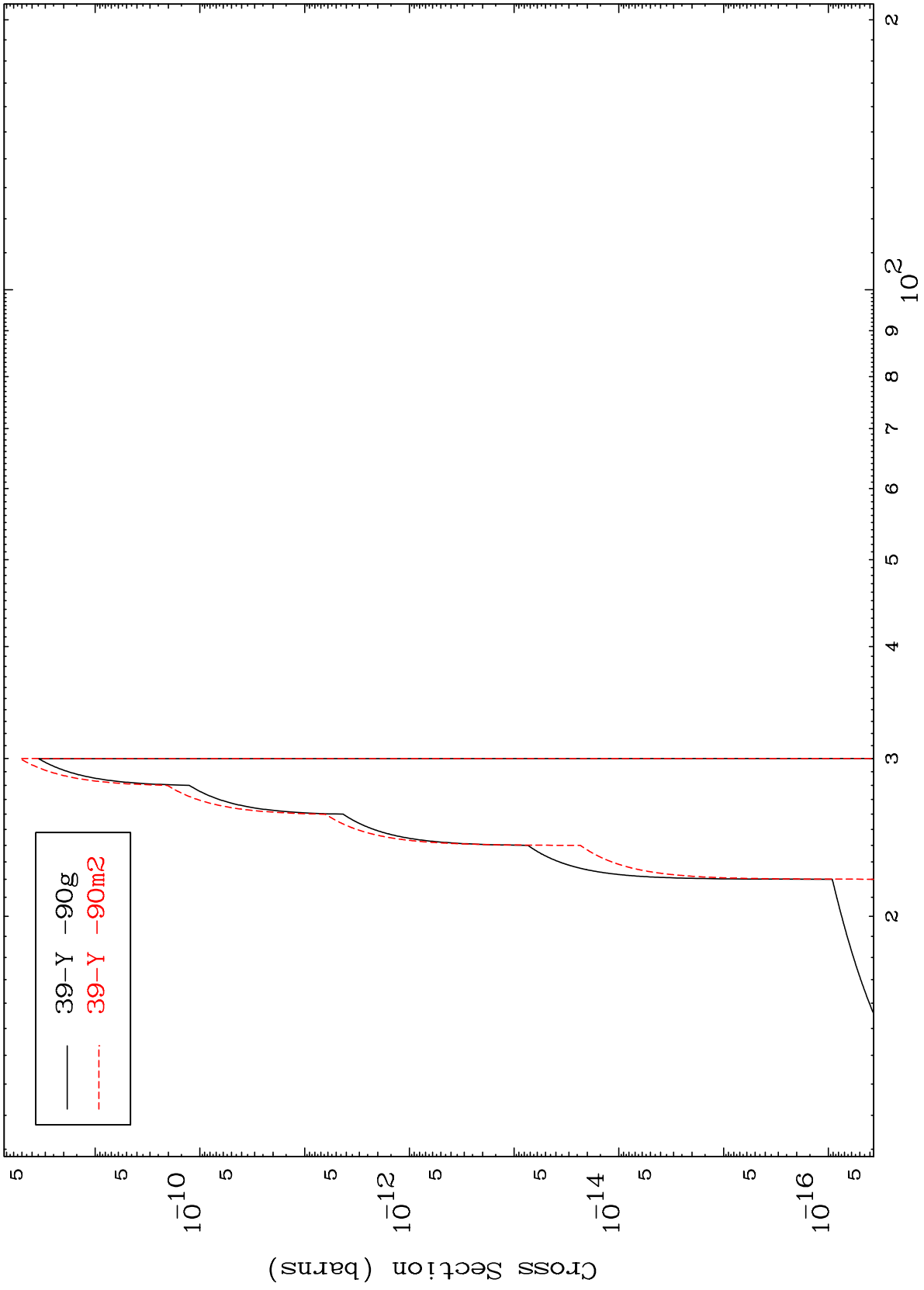
Incident Energy (MeV)

41-Nb-95

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

41-Nb-95



15

Incident Energy (MeV)

41-Nb-95

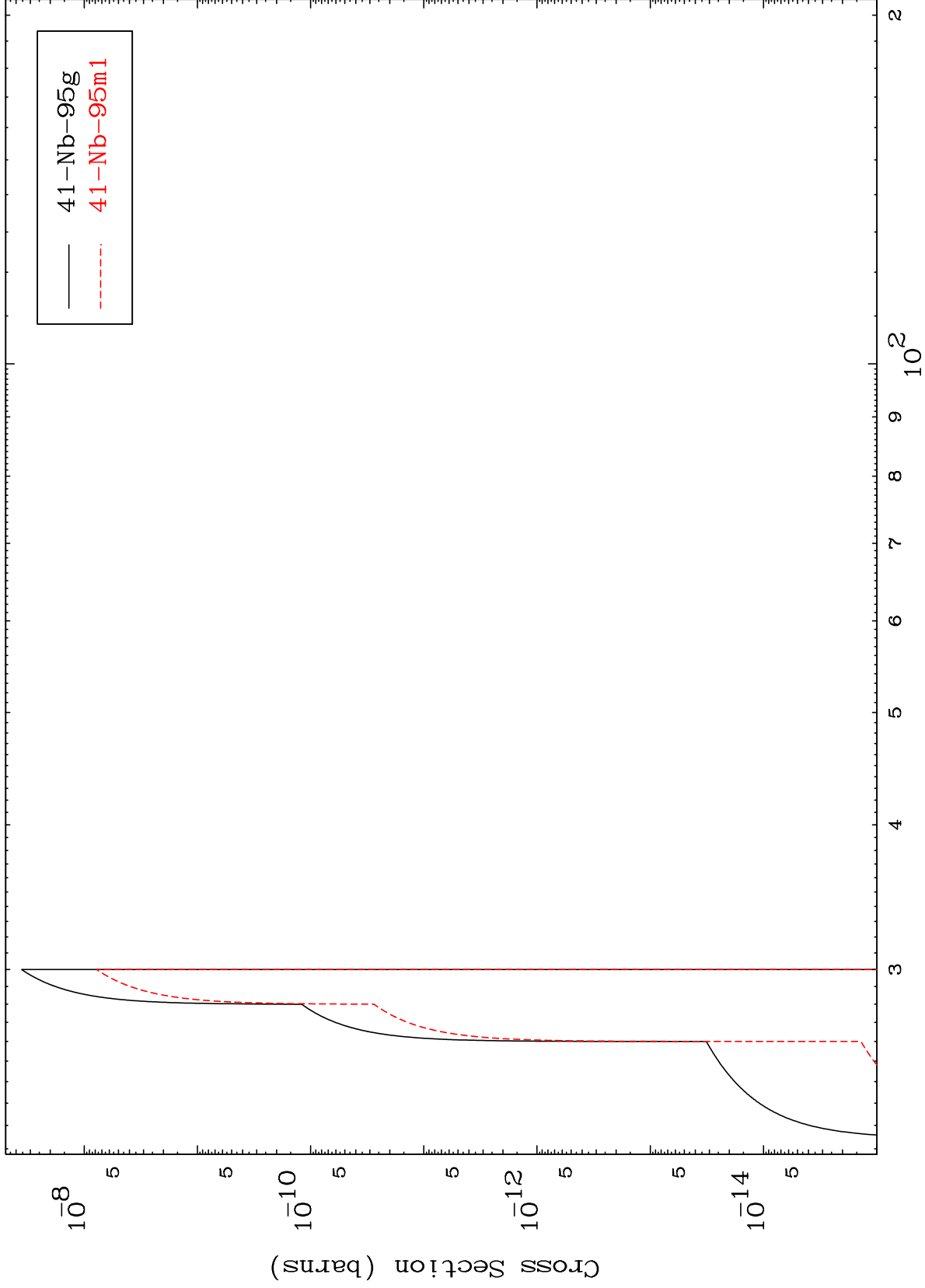


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( $\alpha, n'$ ) He-3

41-Nb-95

Radionuclide Production Cross Section



16

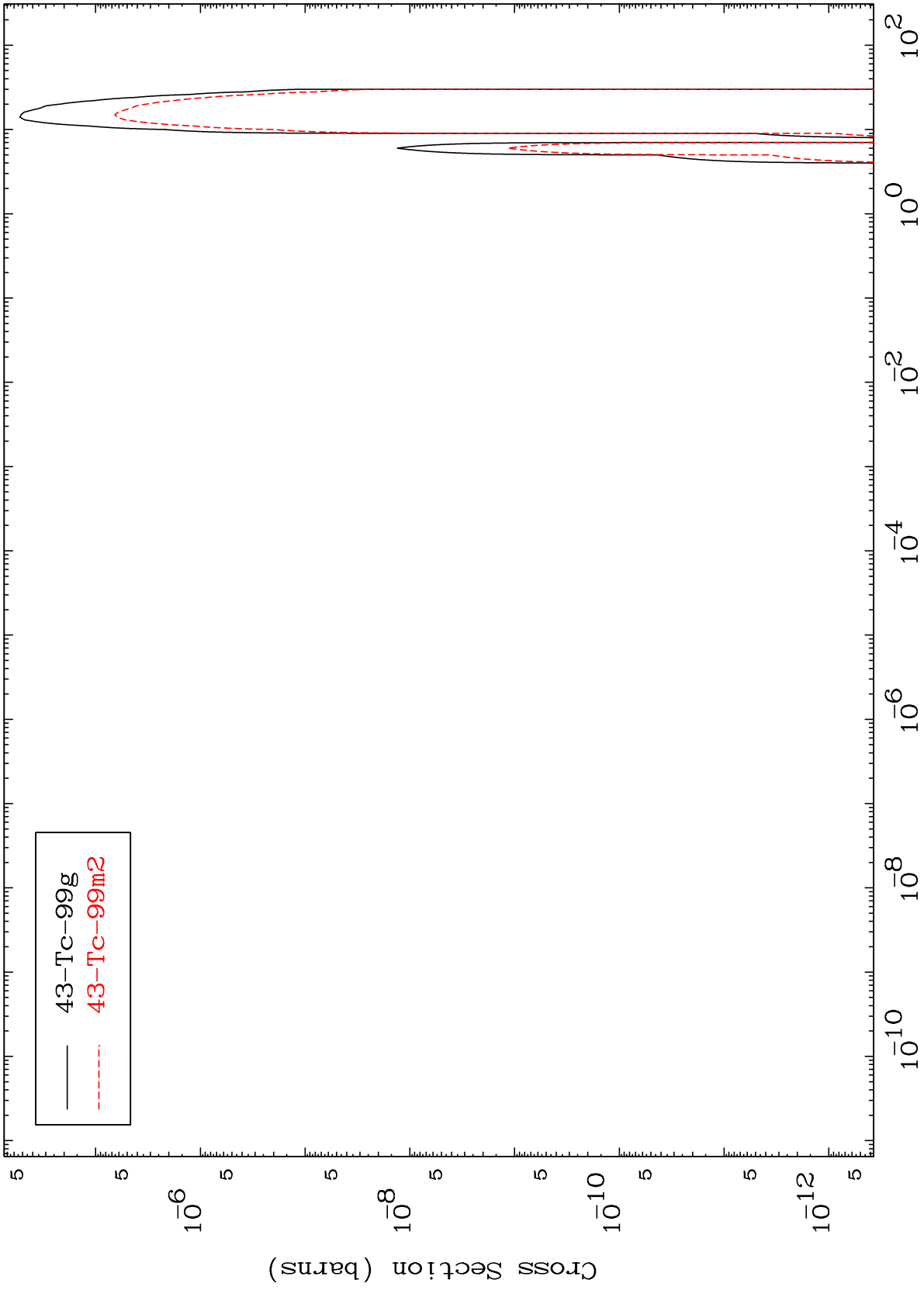
Incident Energy (MeV)

41-Nb-95

MAT 4131

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

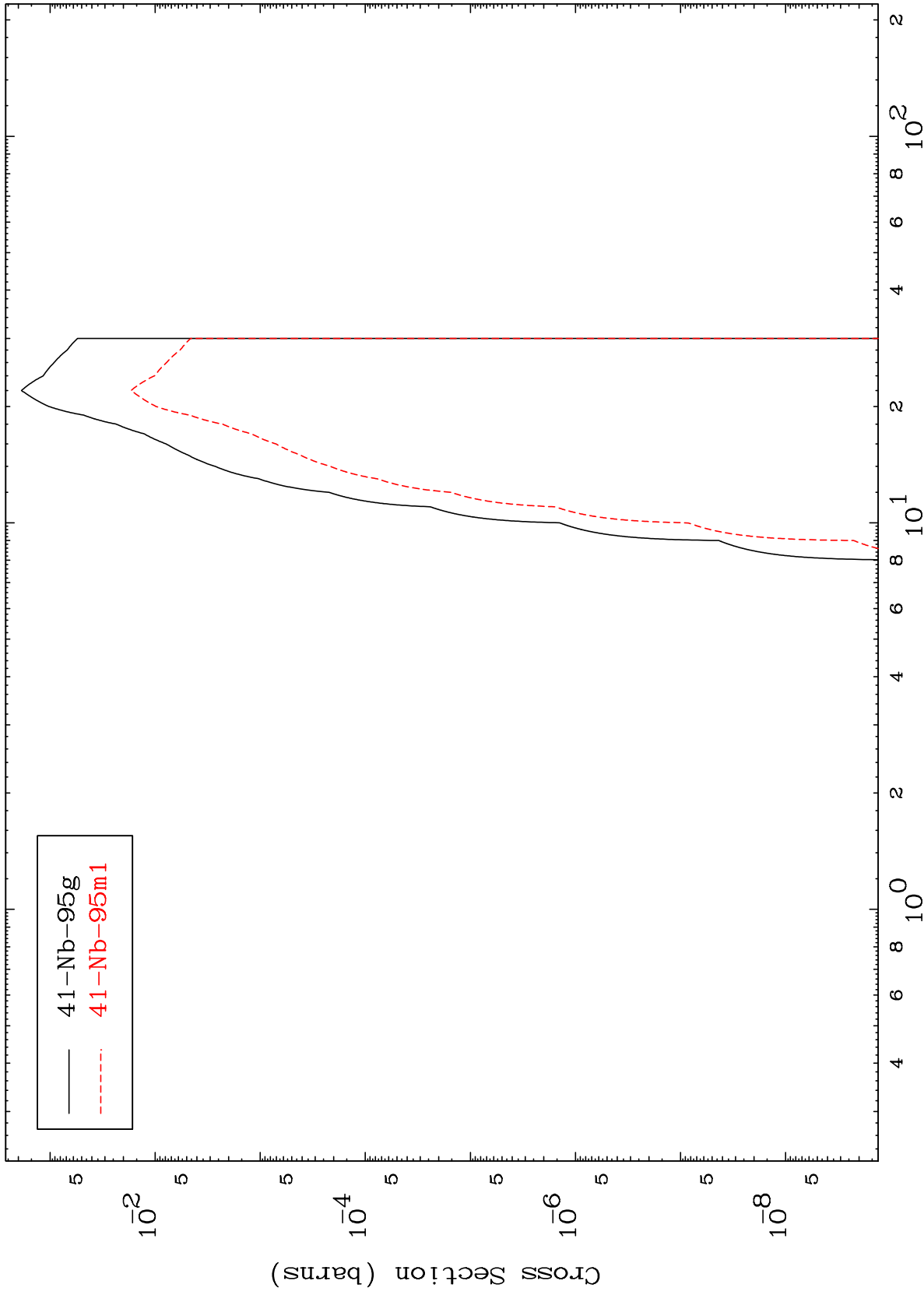
41-Nb-95



MAT 4131

41-Nb-95

Radionuclide Production Cross Section



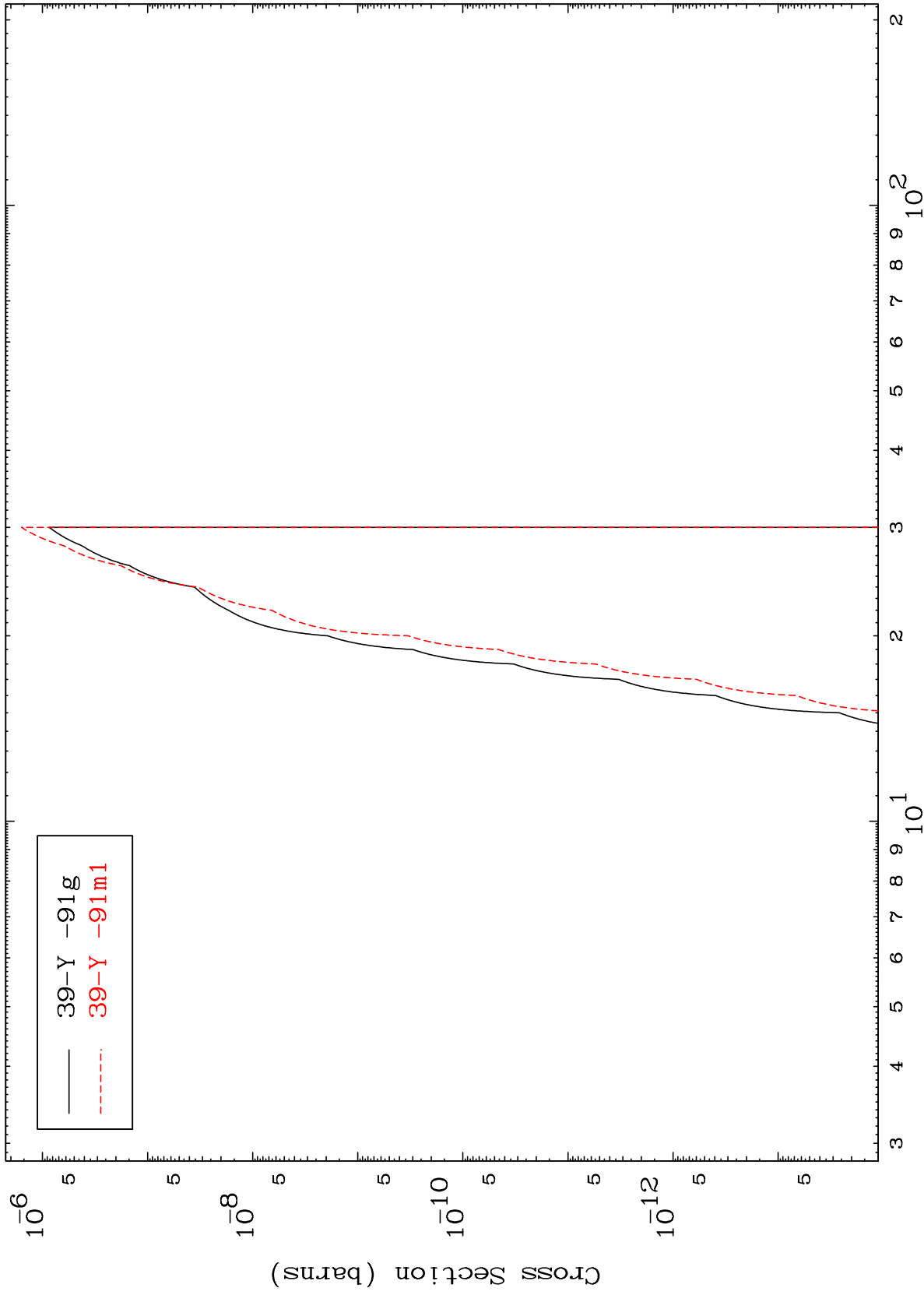
18

41-Nb-95

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41-Nb-95

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



19

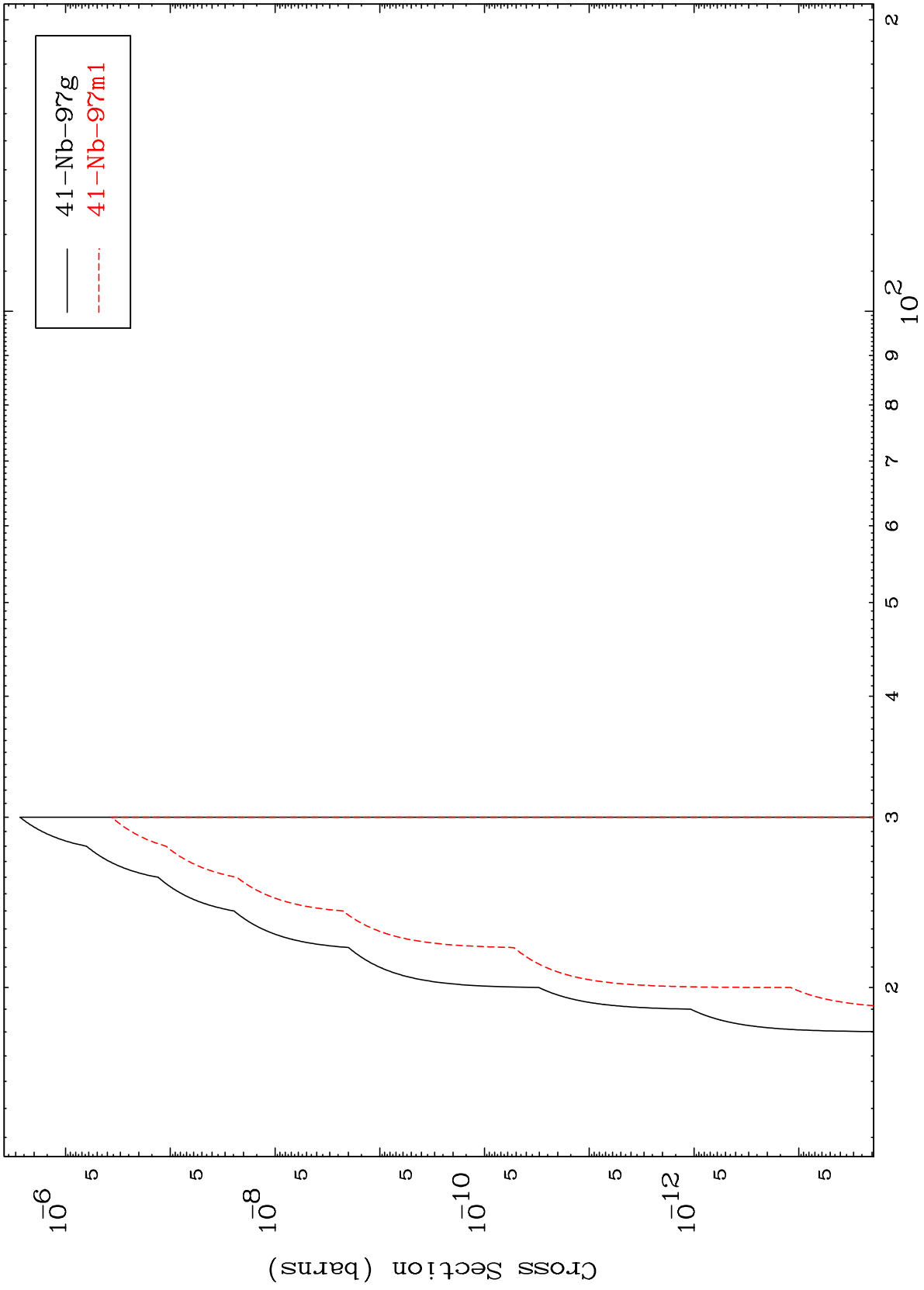
Incident Energy (MeV)

41-Nb-95

MAT 4131

41-Nb-95

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



20

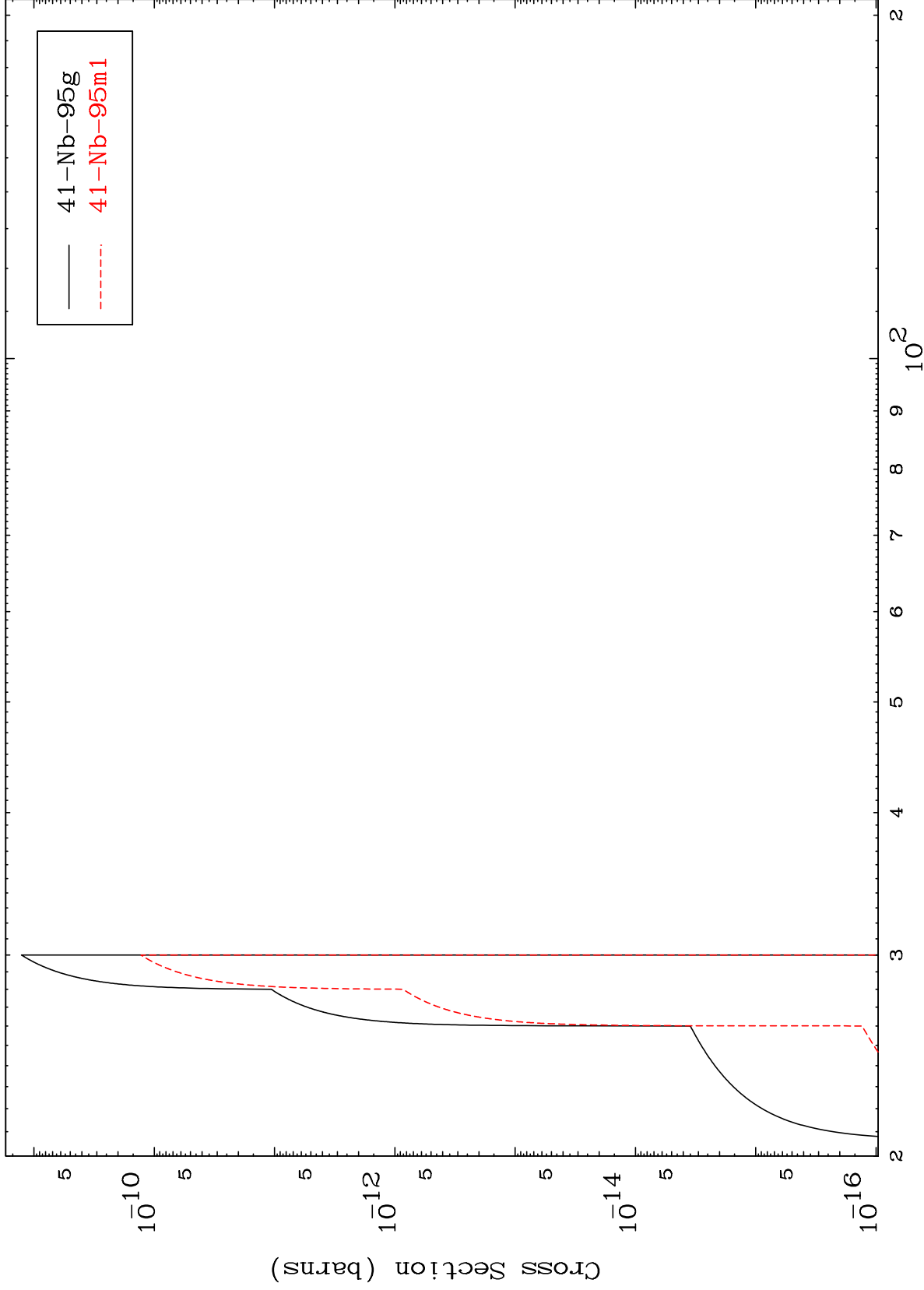
41-Nb-95

MAT 4131

( $\alpha, p$ ) t

41-Nb-95

Radionuclide Production Cross Section



21

Incident Energy (MeV)

41-Nb-95