

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

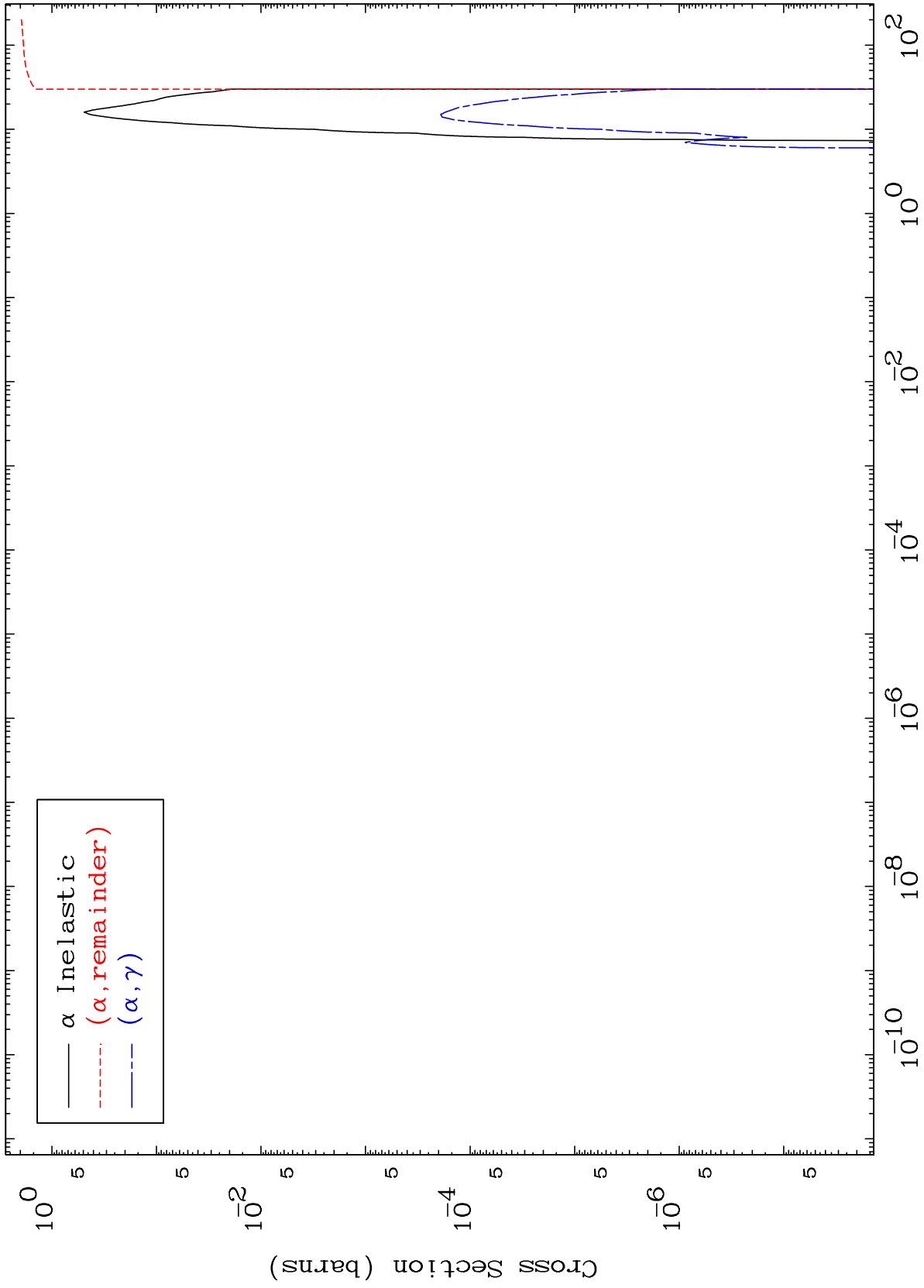
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4125

0 Kelvin  $\alpha$  Major  
Cross Sections

41-Nb-93



1

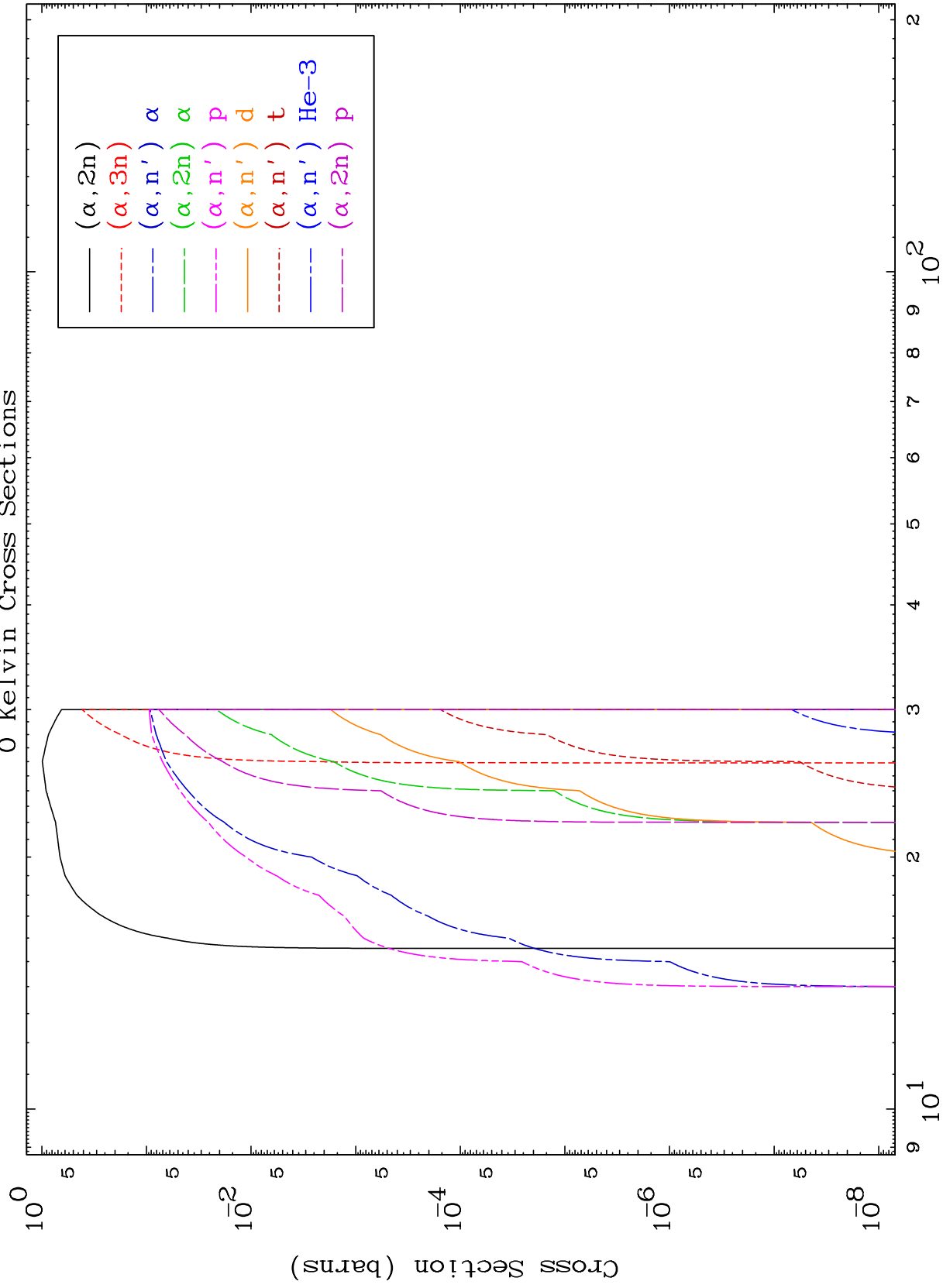
Incident Energy (MeV)

41-Nb-93

MAT 4125

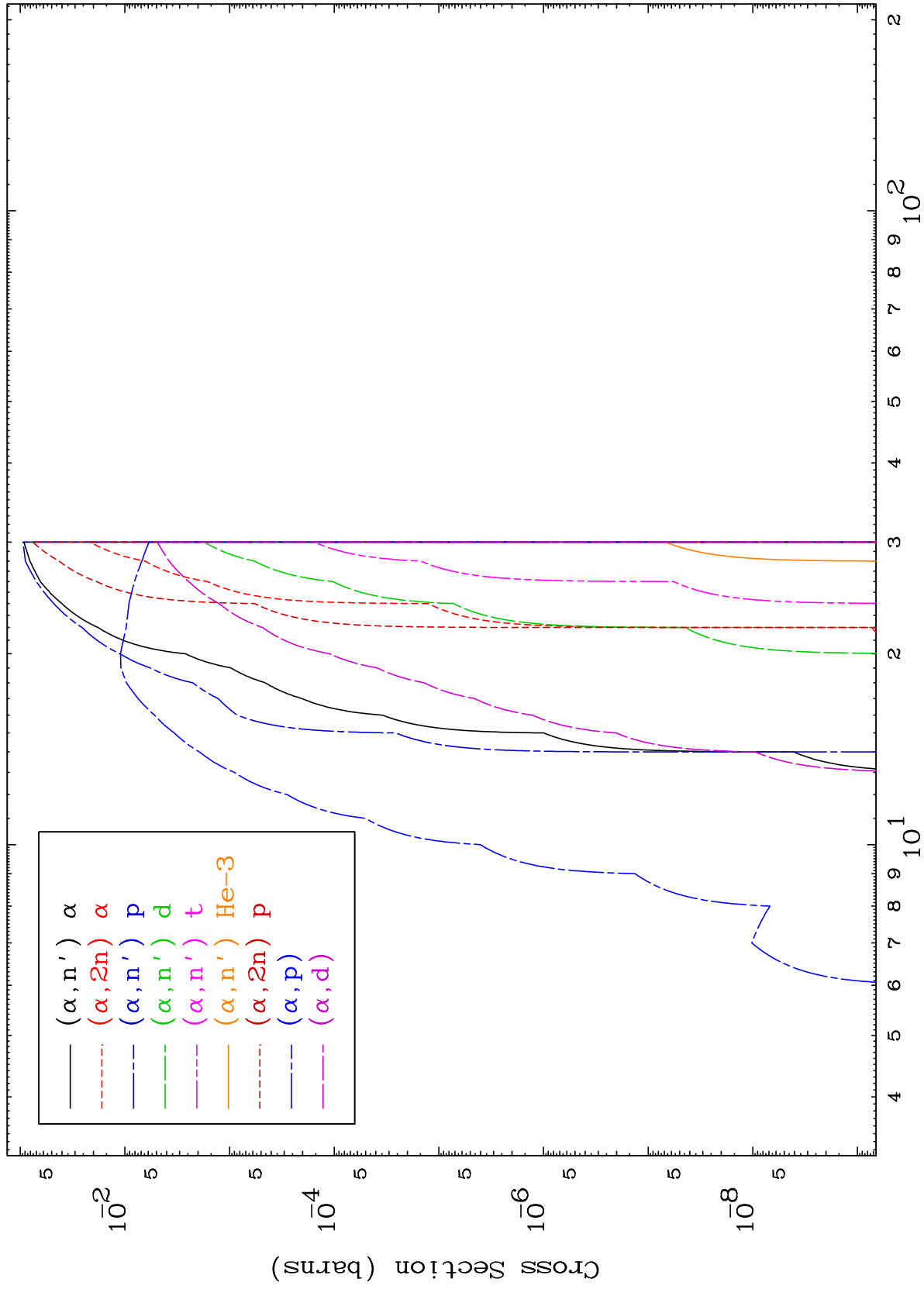
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

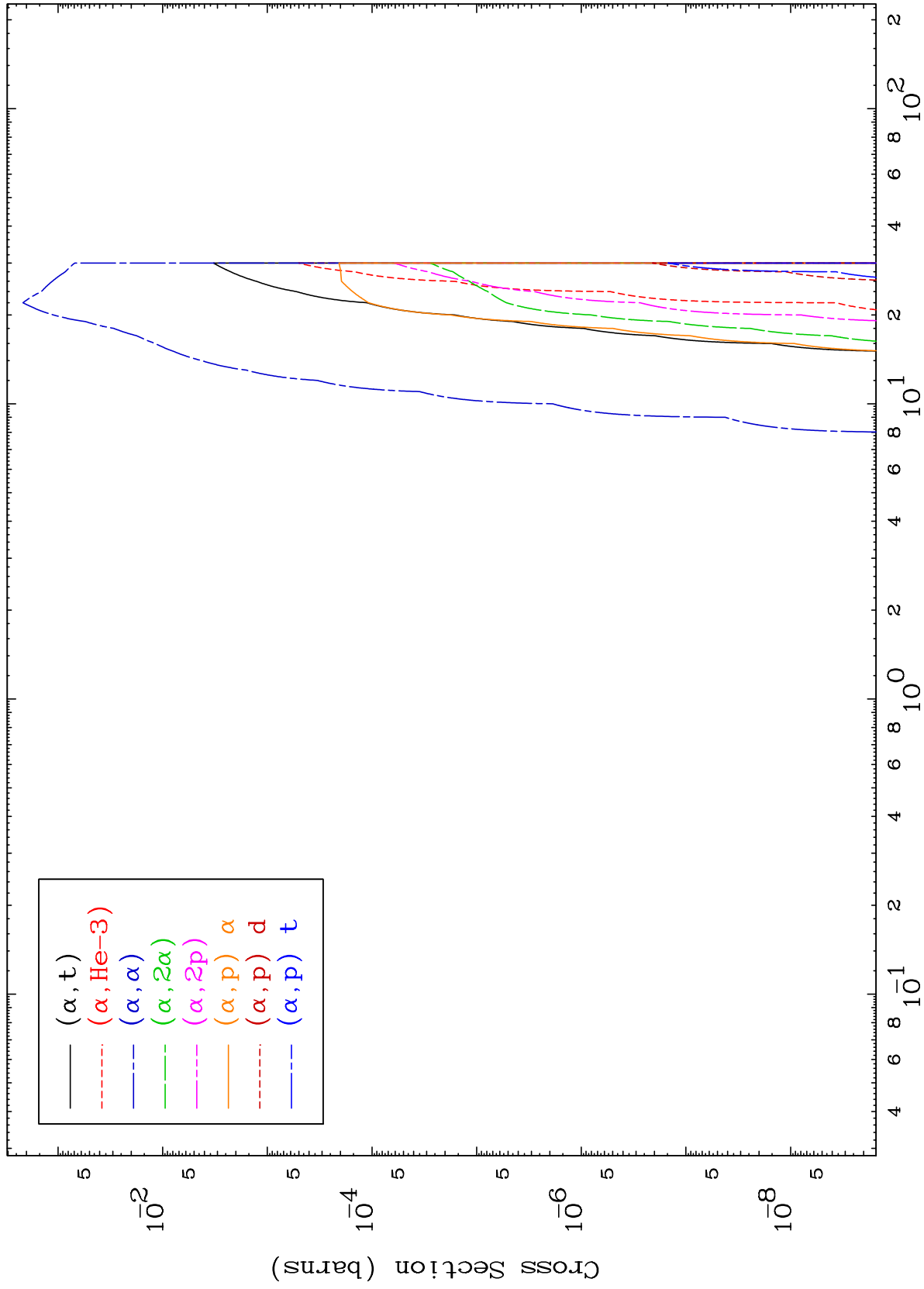
41-Nb-93



Incident Energy (MeV)

41-Nb-93

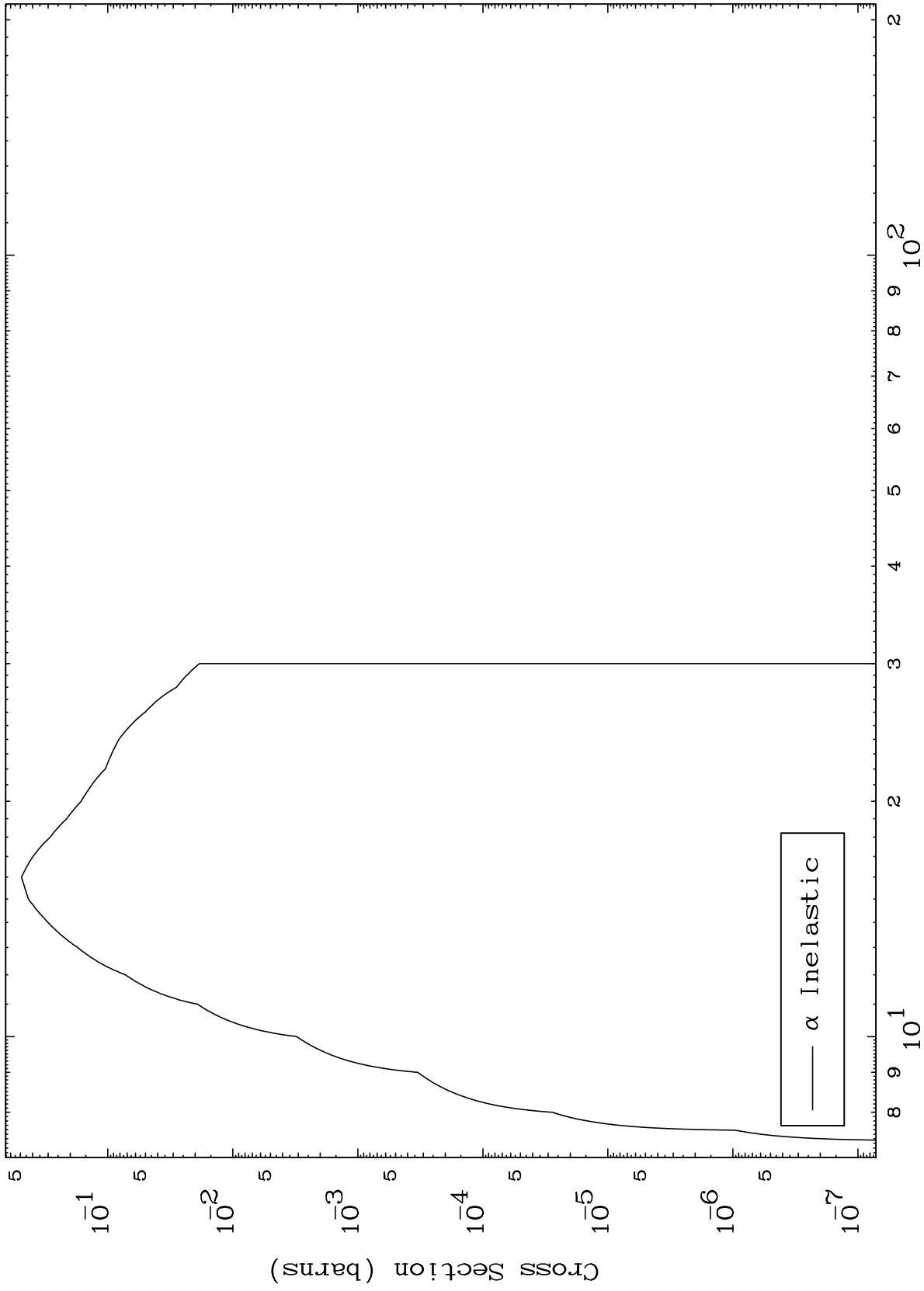




MAT 4125

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

41-Nb-93



5

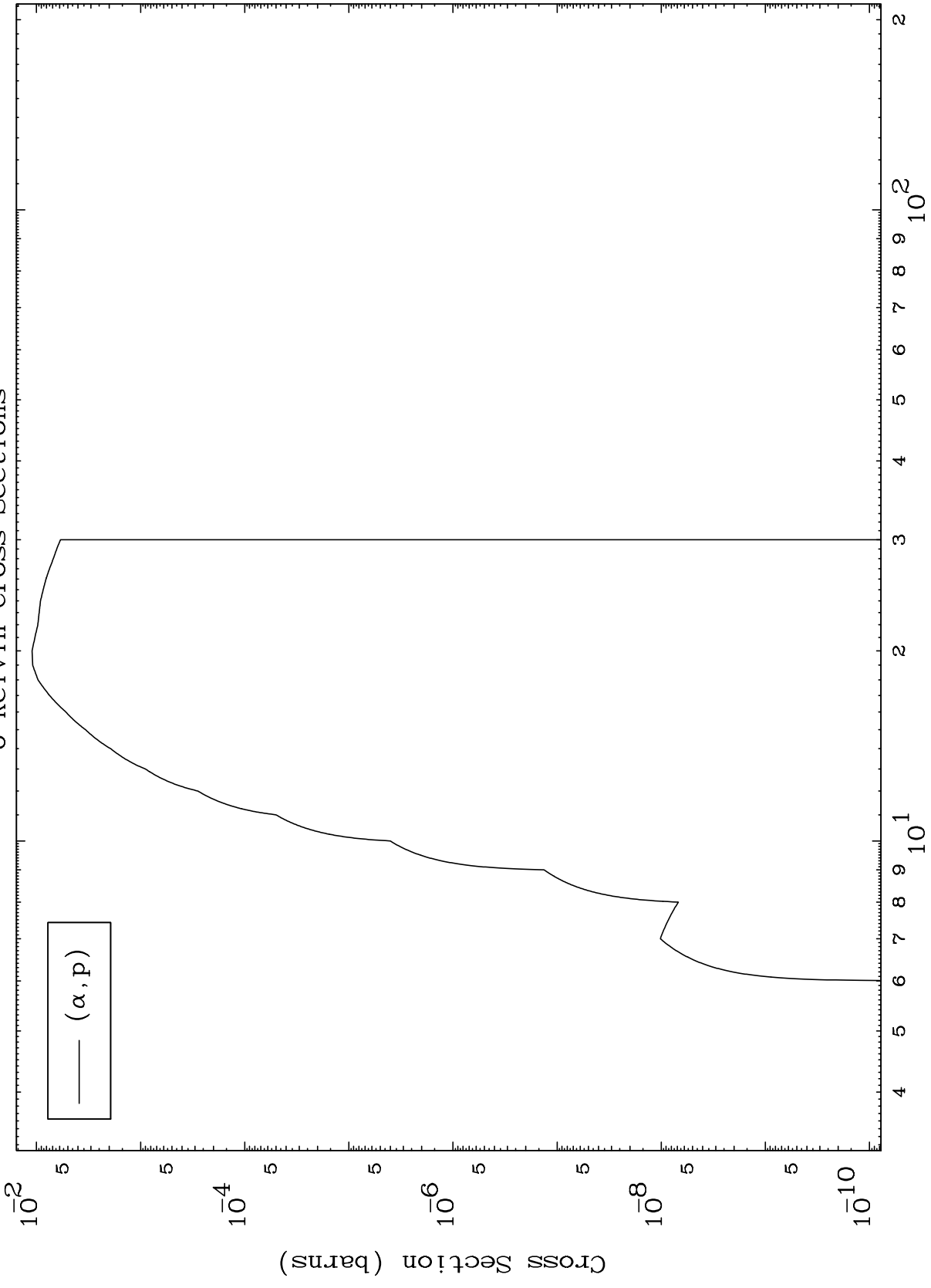
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

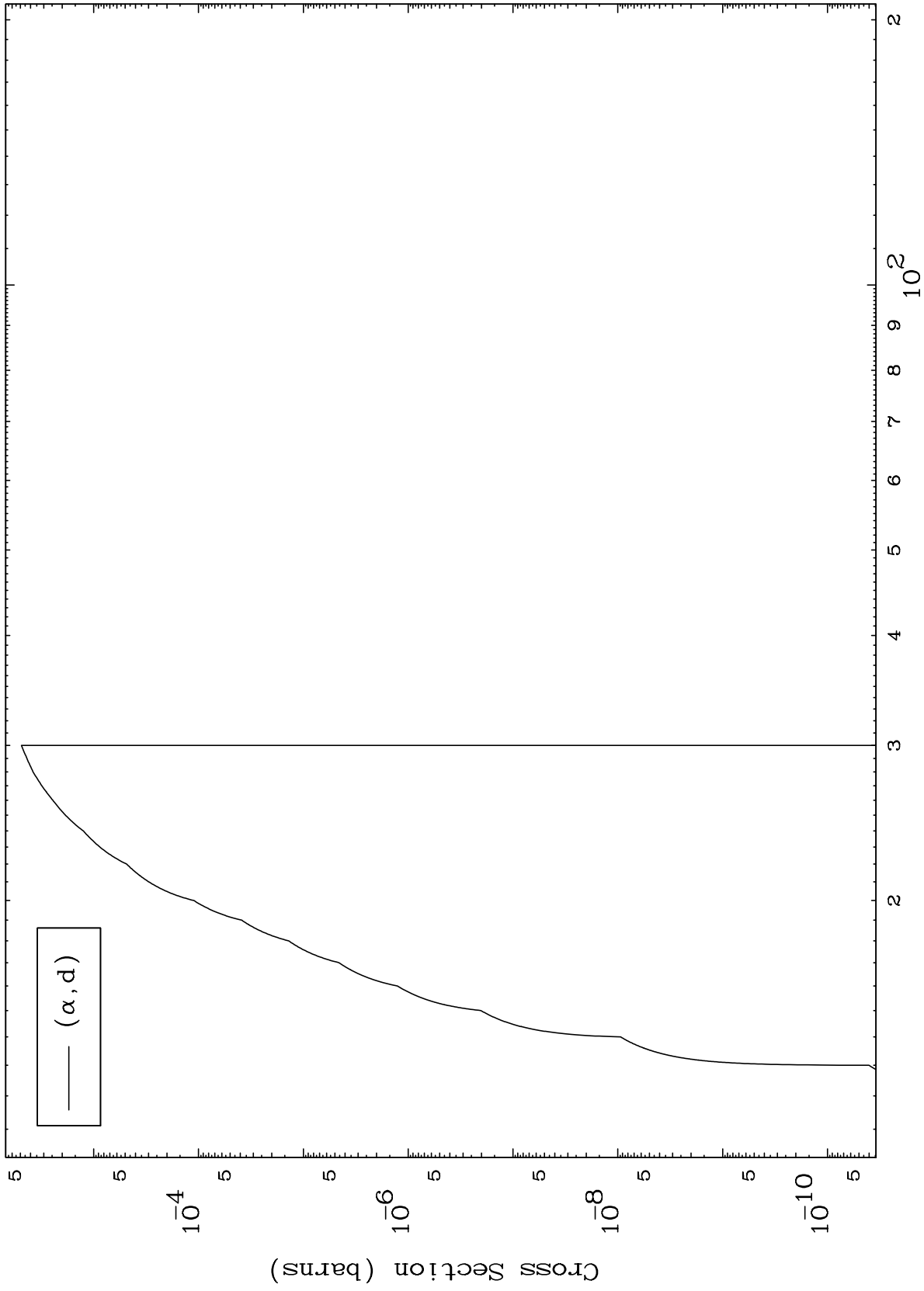
41-Nb-93



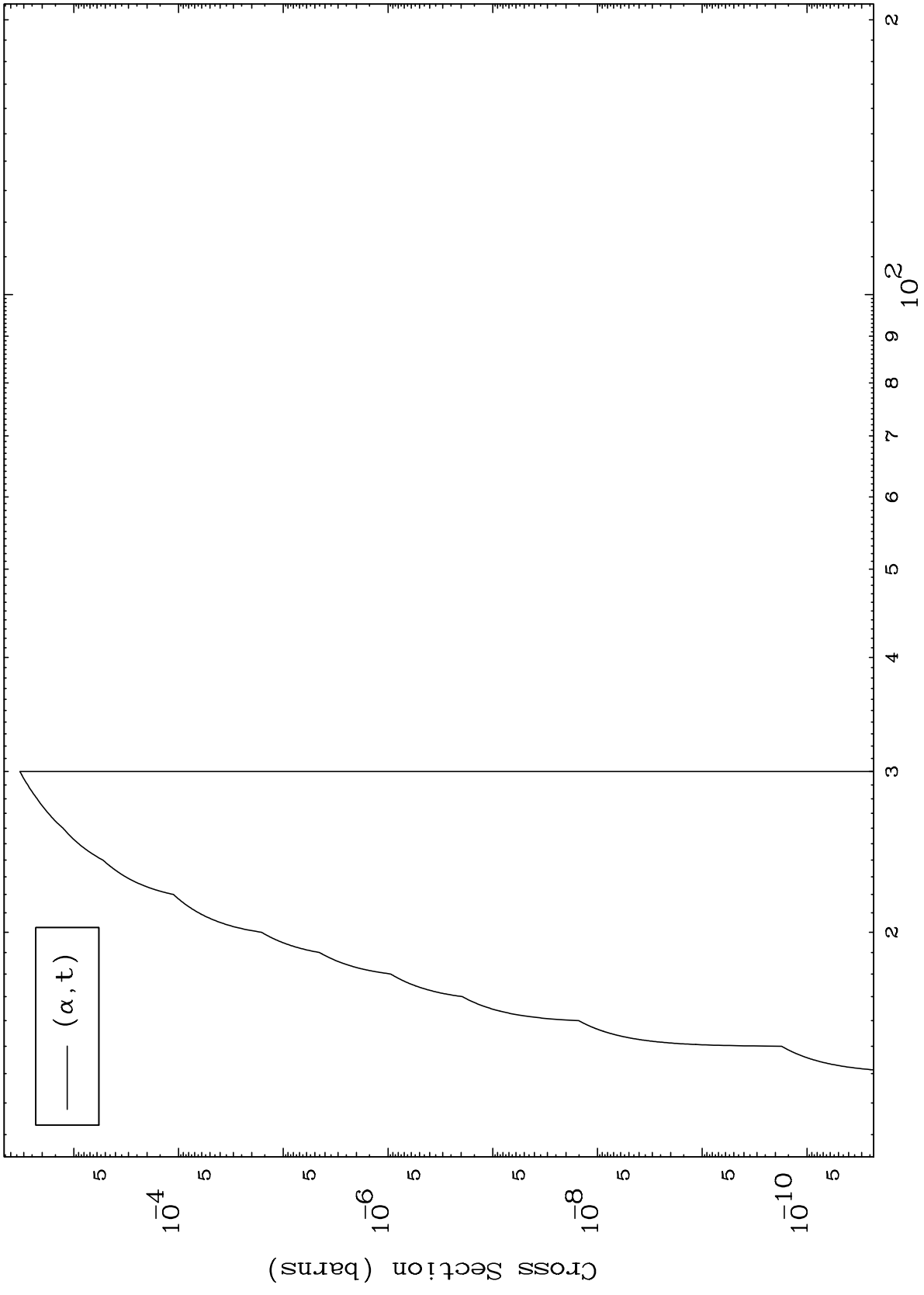
6

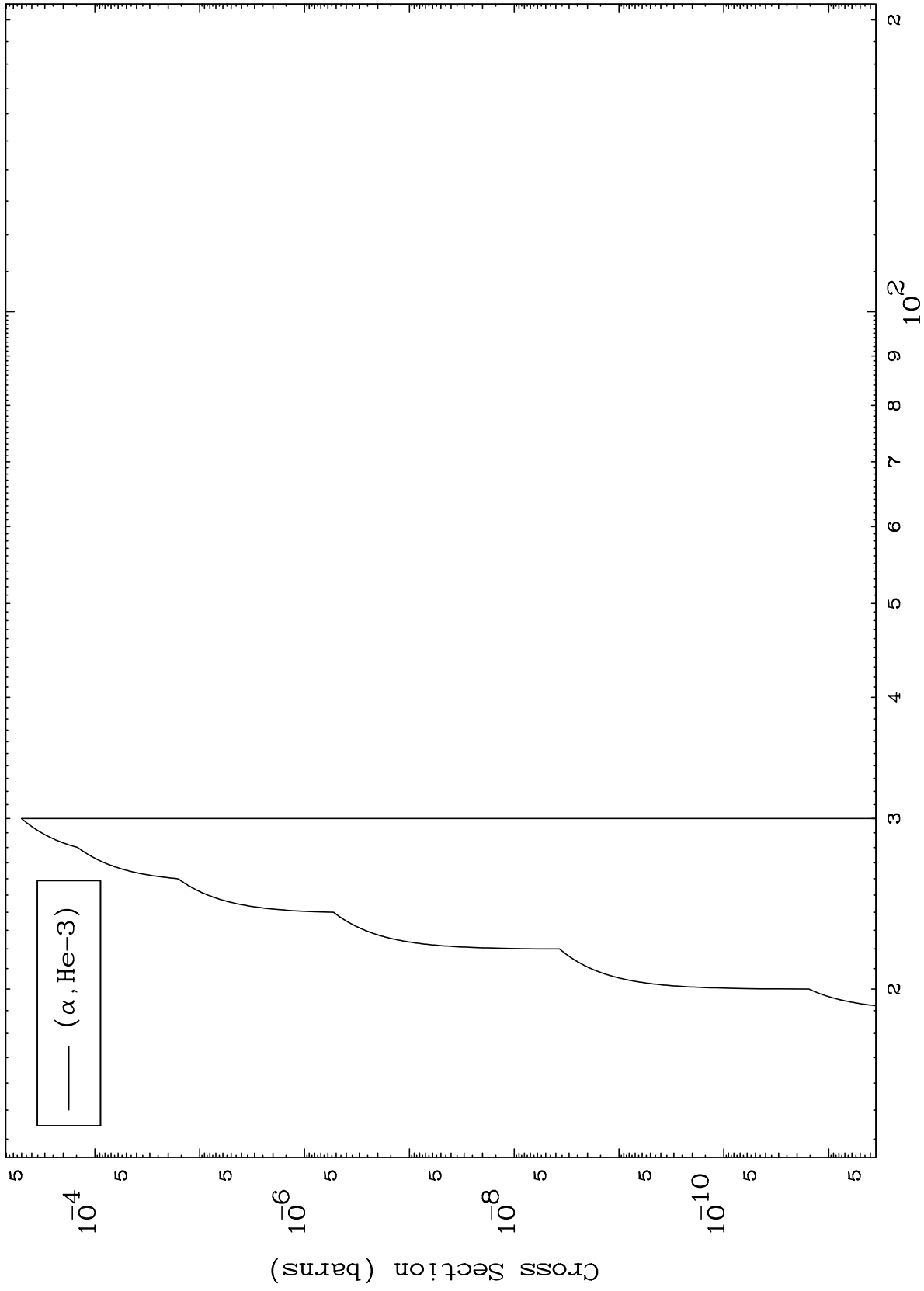
Incident Energy (MeV)

41-Nb-93





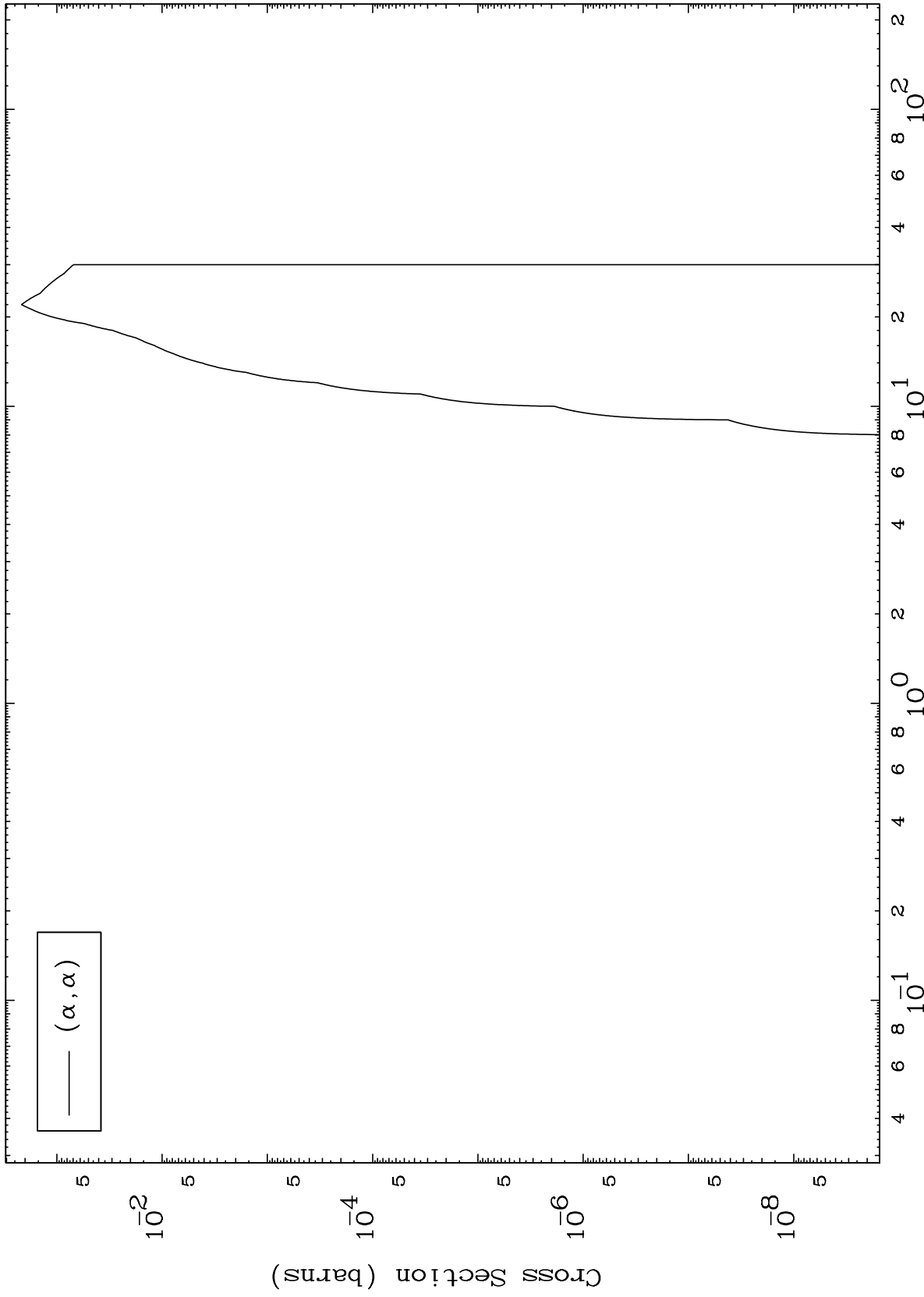




MAT 4125

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

41-Nb-93



10

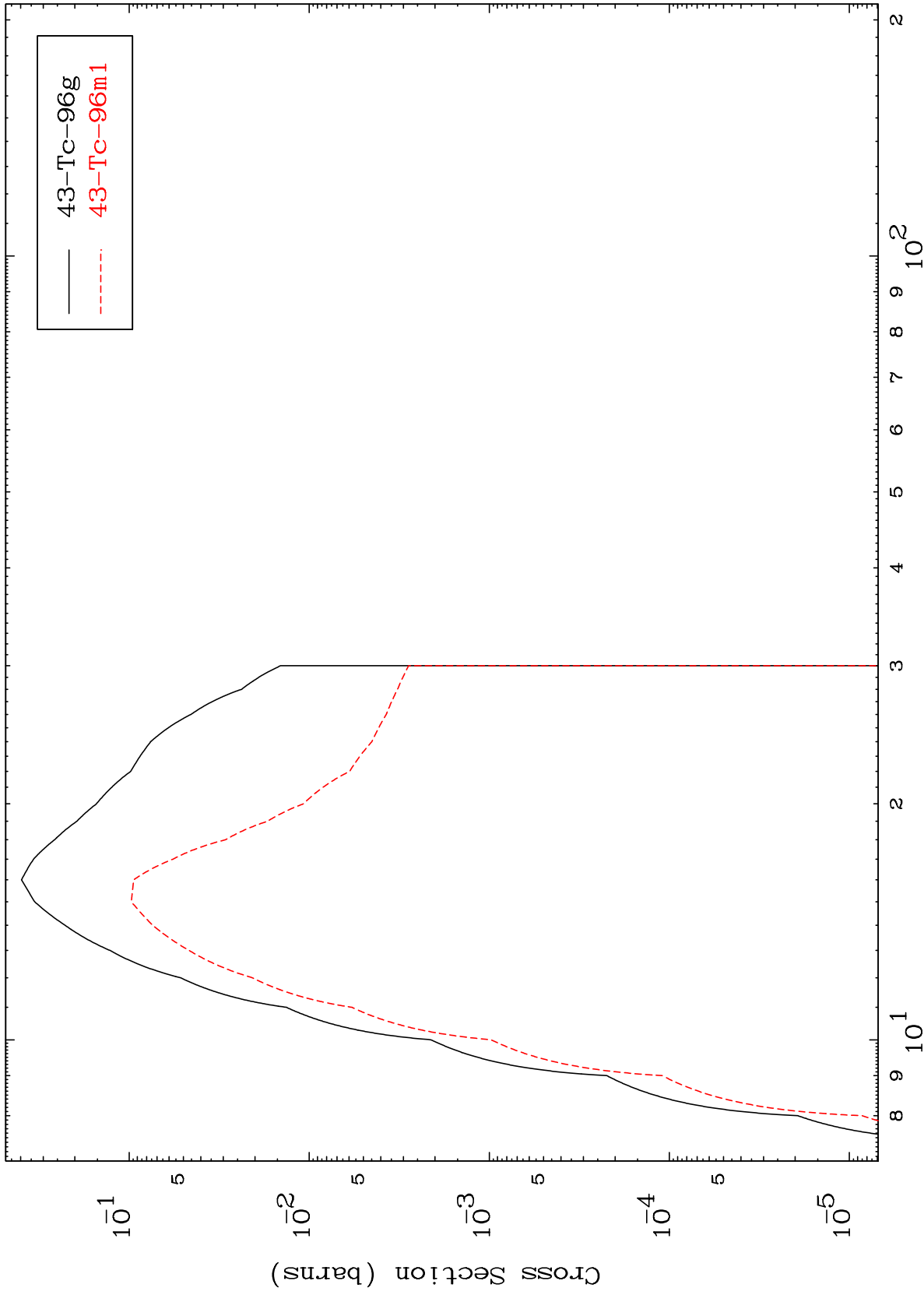
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

$\alpha$  Inelastic  
Radionuclide Production Cross Section



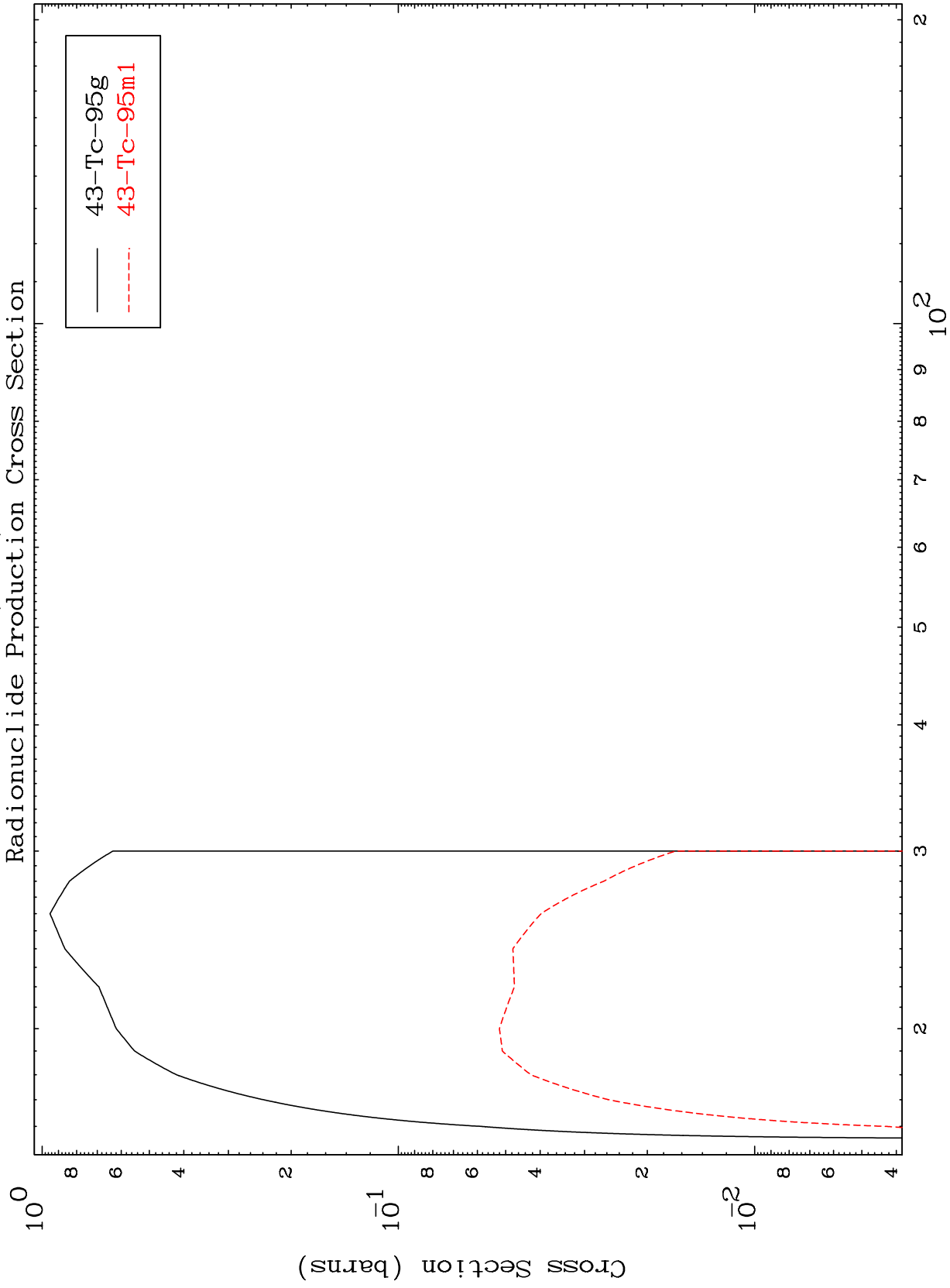
11

41-Nb-93

MAT 4125

41-Nb-93

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



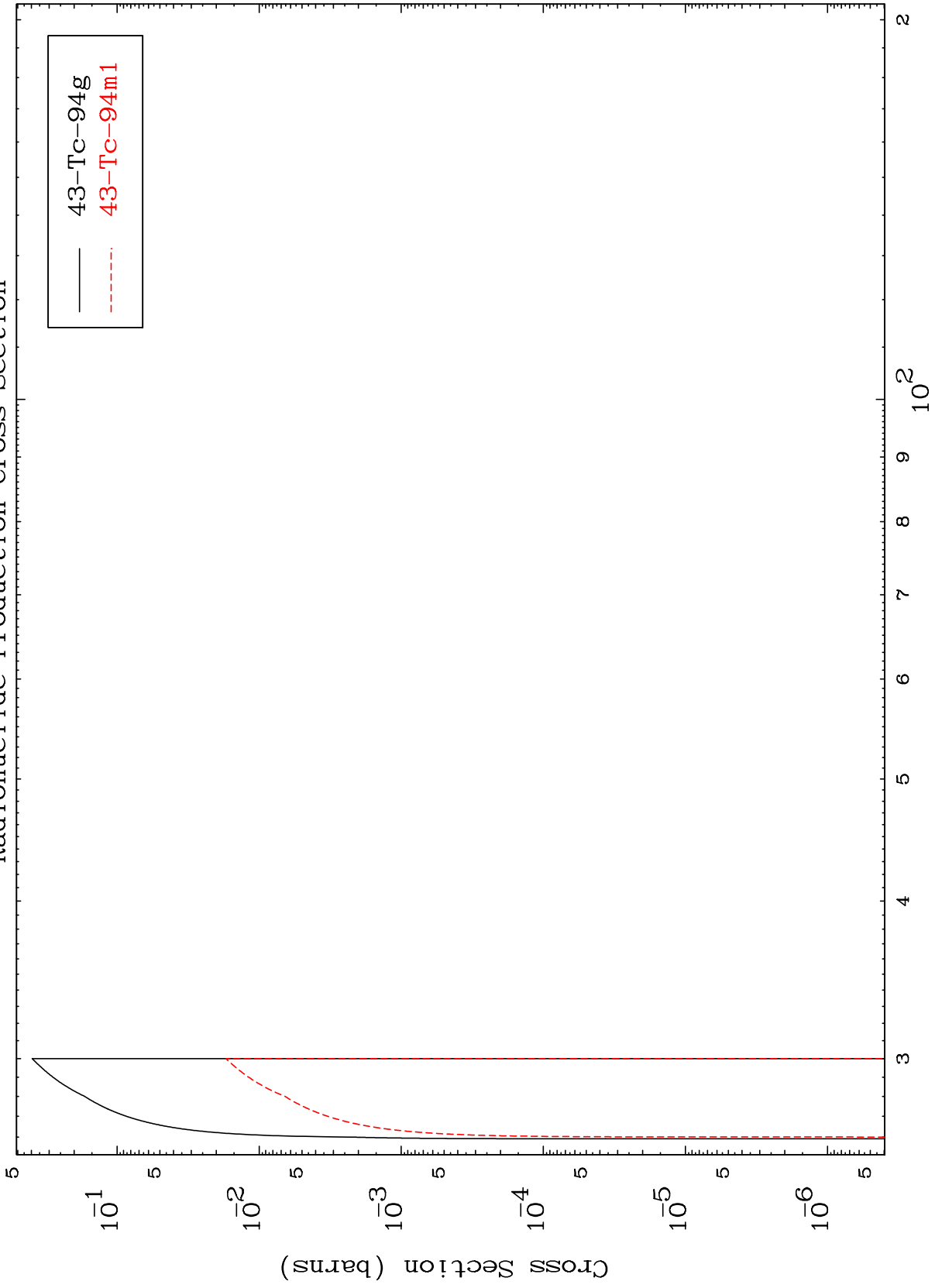
12

41-Nb-93

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41-Nb-93

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



13

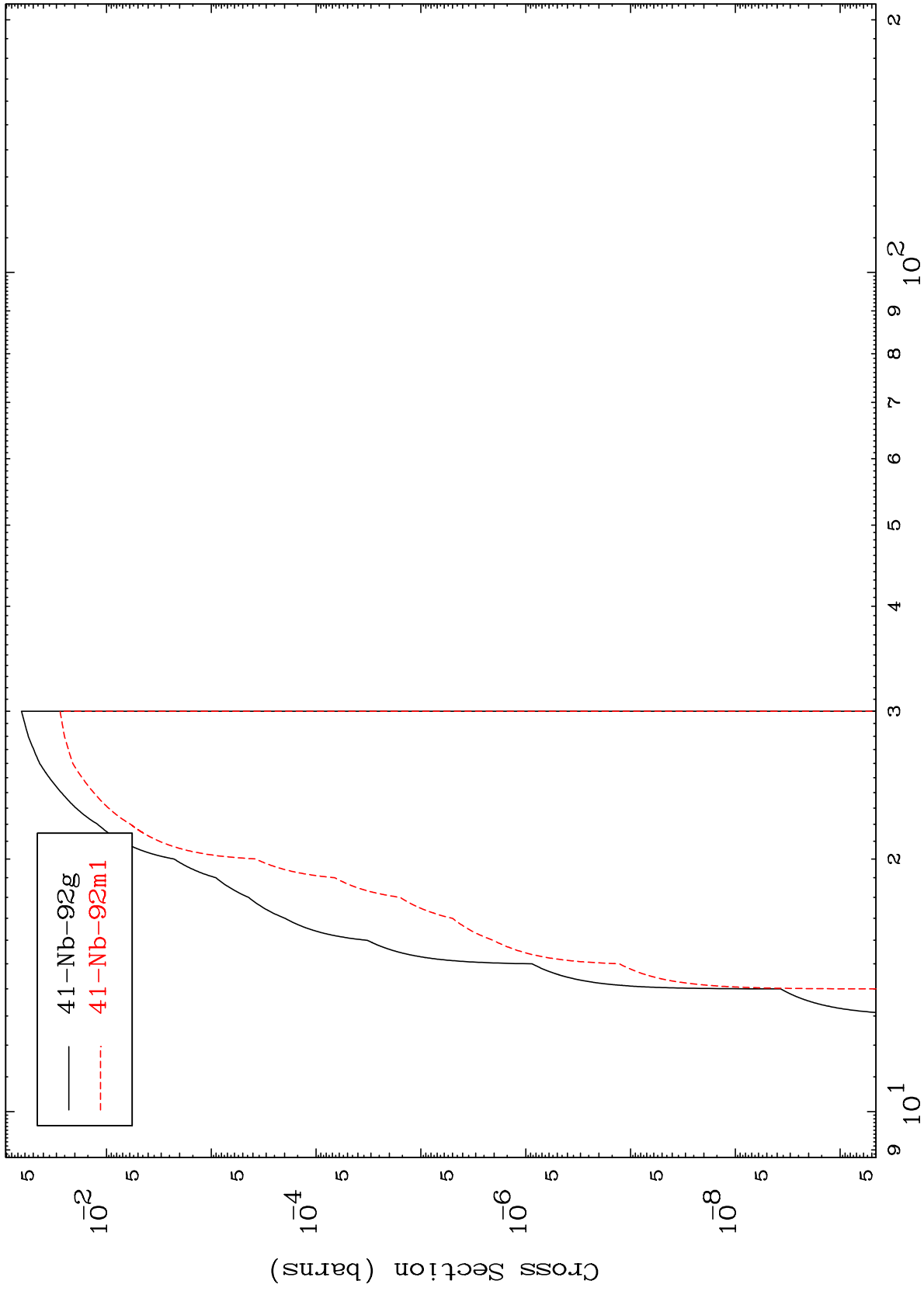
41-Nb-93

MAT 4125

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

41-Nb-93

Radionuclide Production Cross Section



41-Nb-92g  
41-Nb-92m1

14

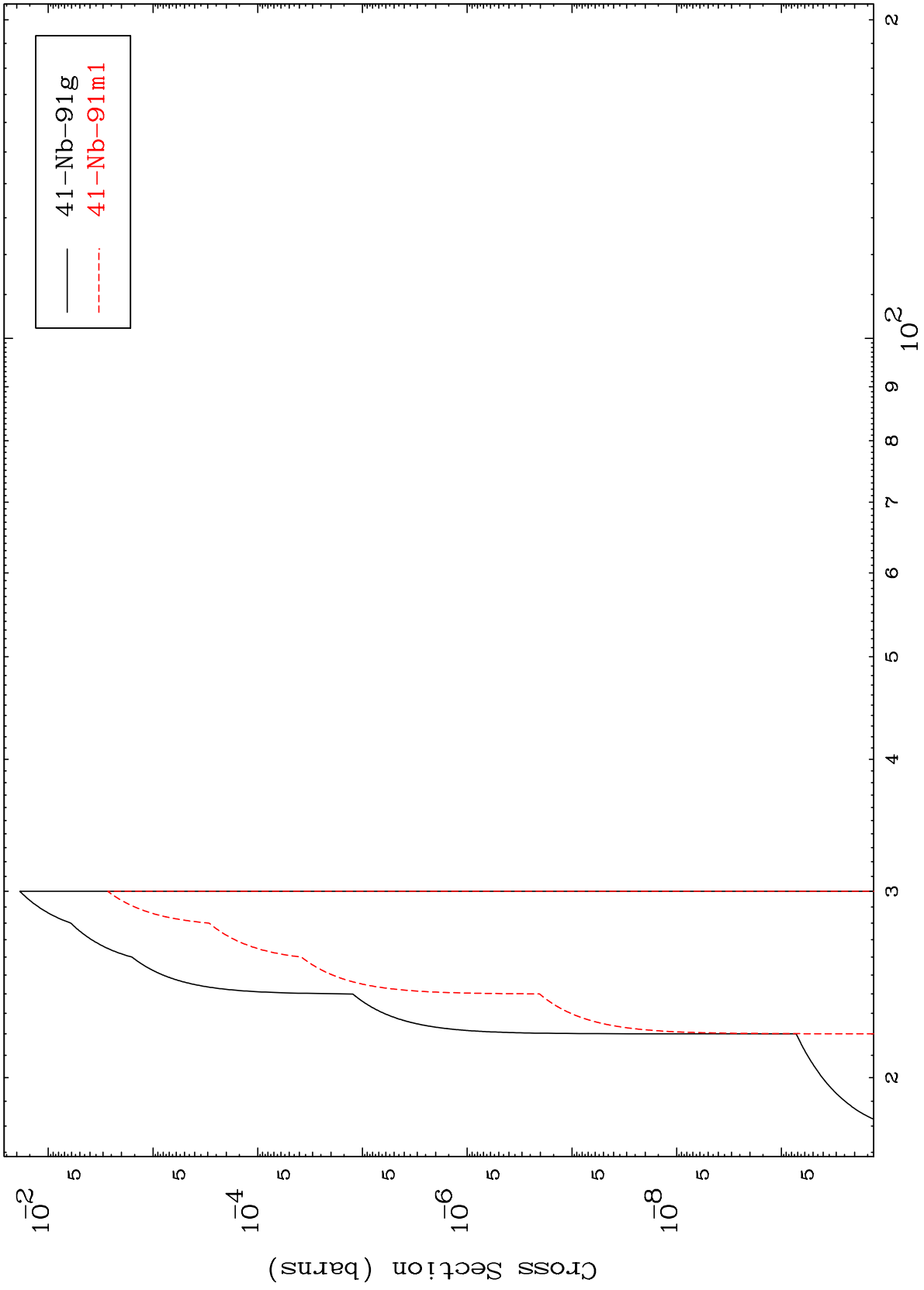
41-Nb-93

MAT 4125

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

41-Nb-93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-93

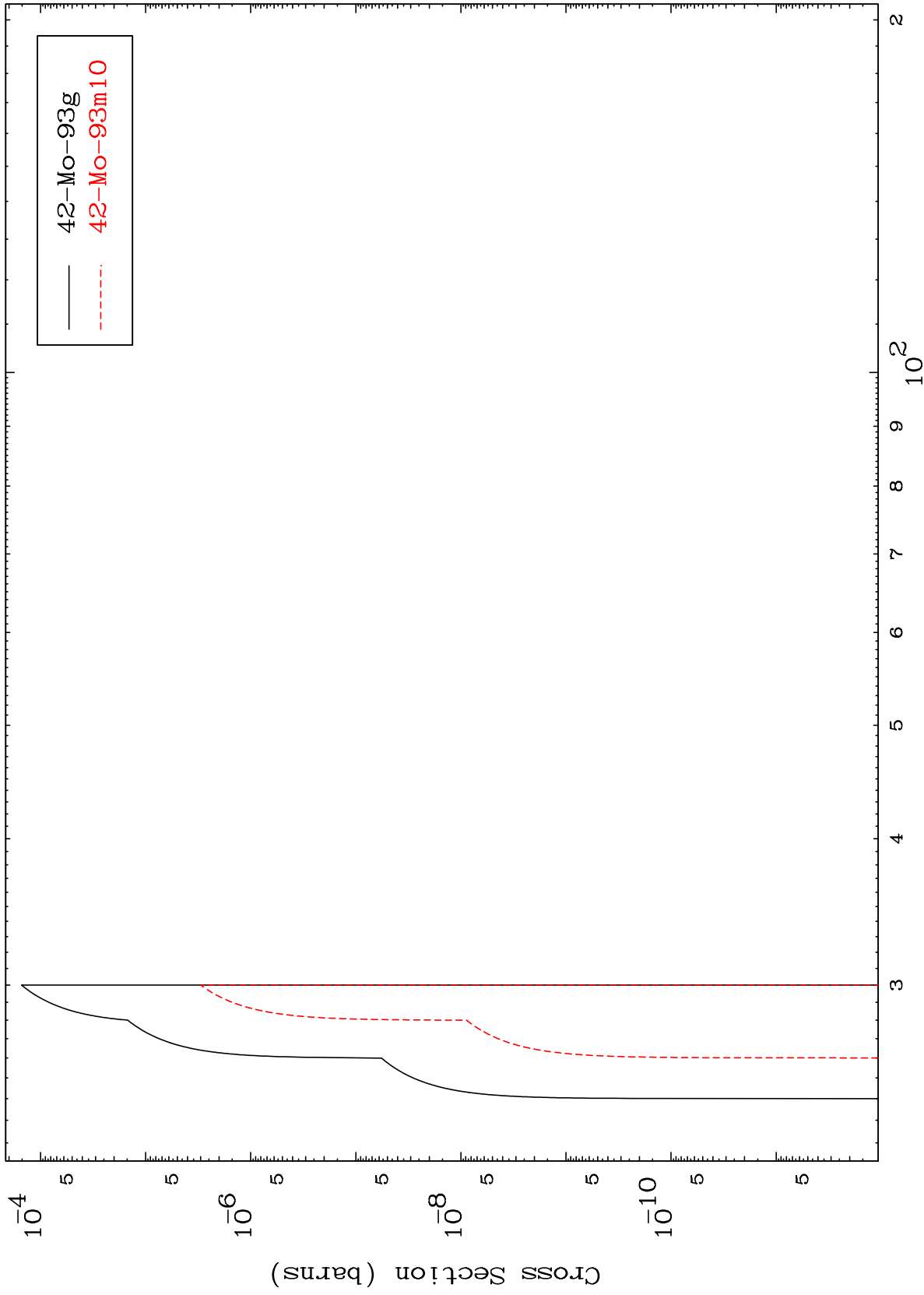


MAT 4125

( $\alpha, n'$ ) t

41-Nb-93

Radionuclide Production Cross Section

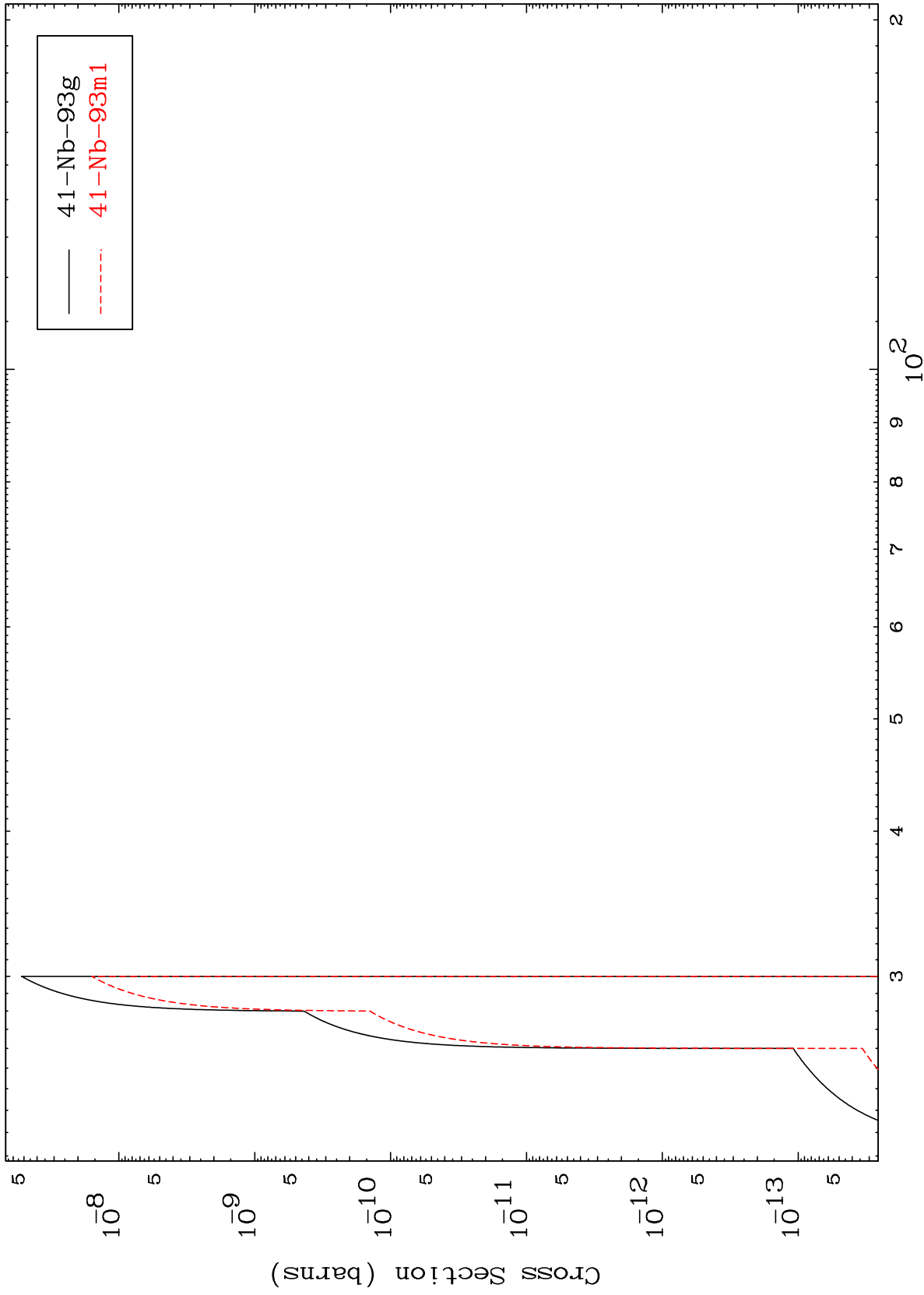


16

Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section

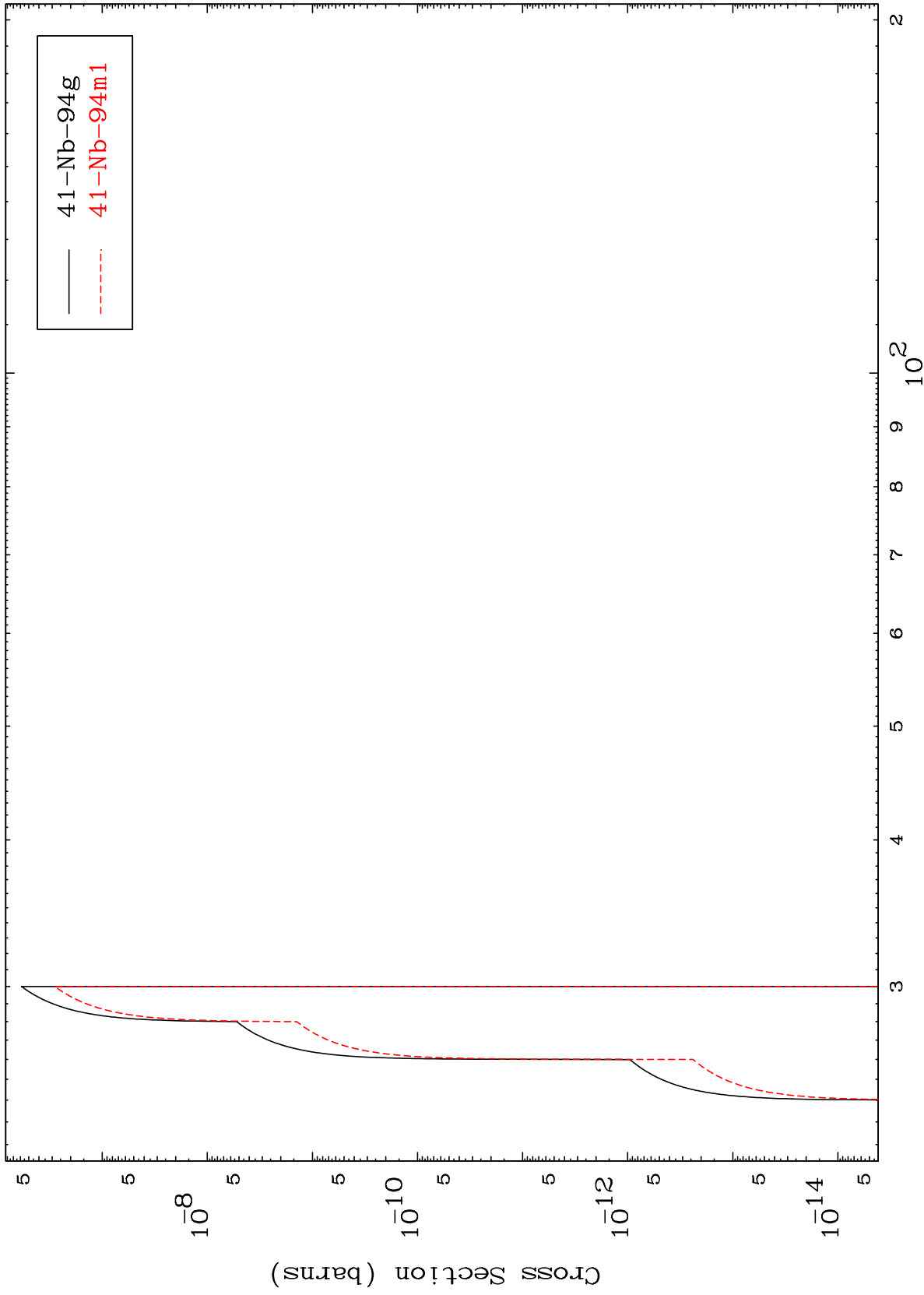


MAT 4125

( $\alpha, 2n$ ) p

41-Nb-93

Radionuclide Production Cross Section



18

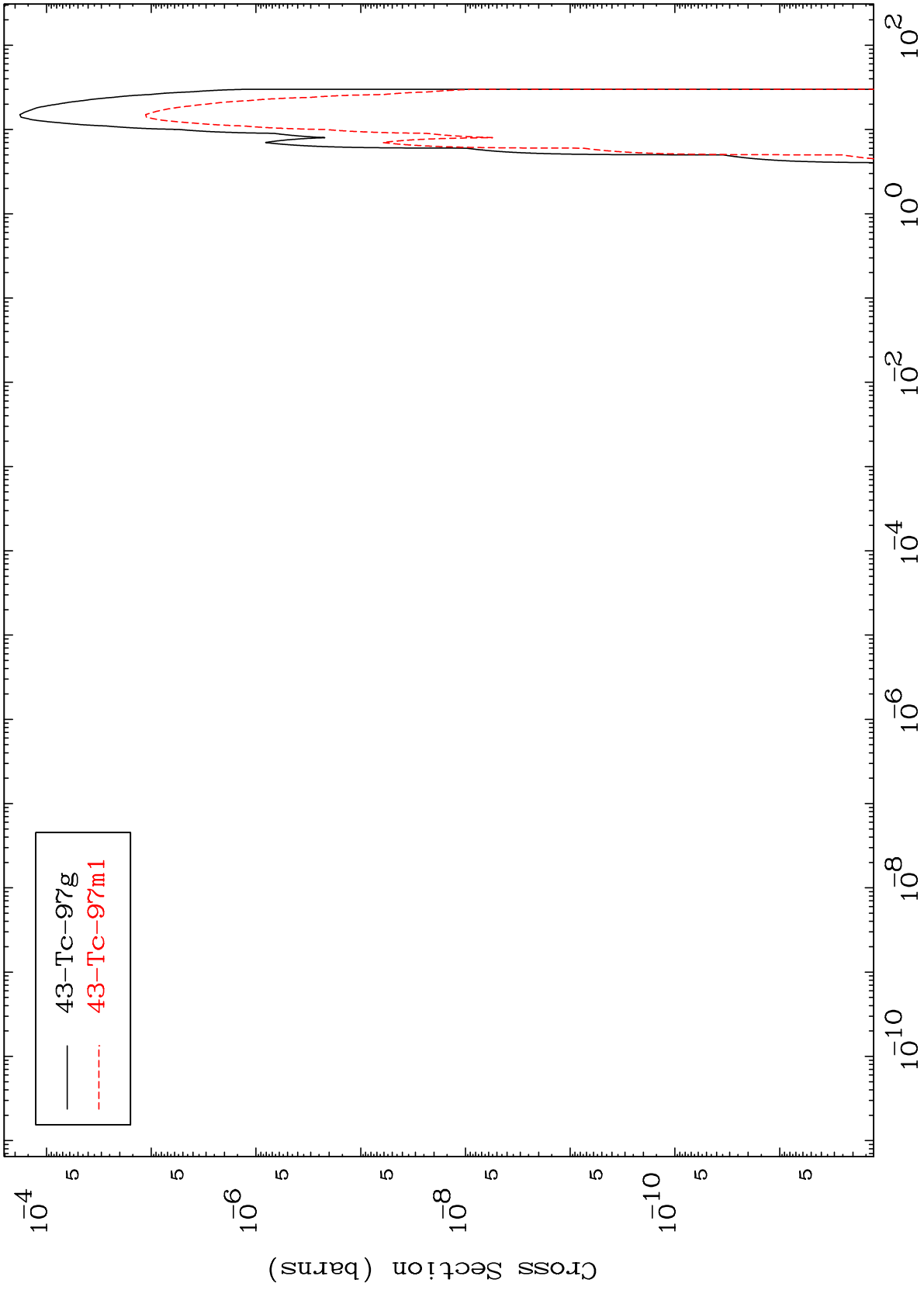
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

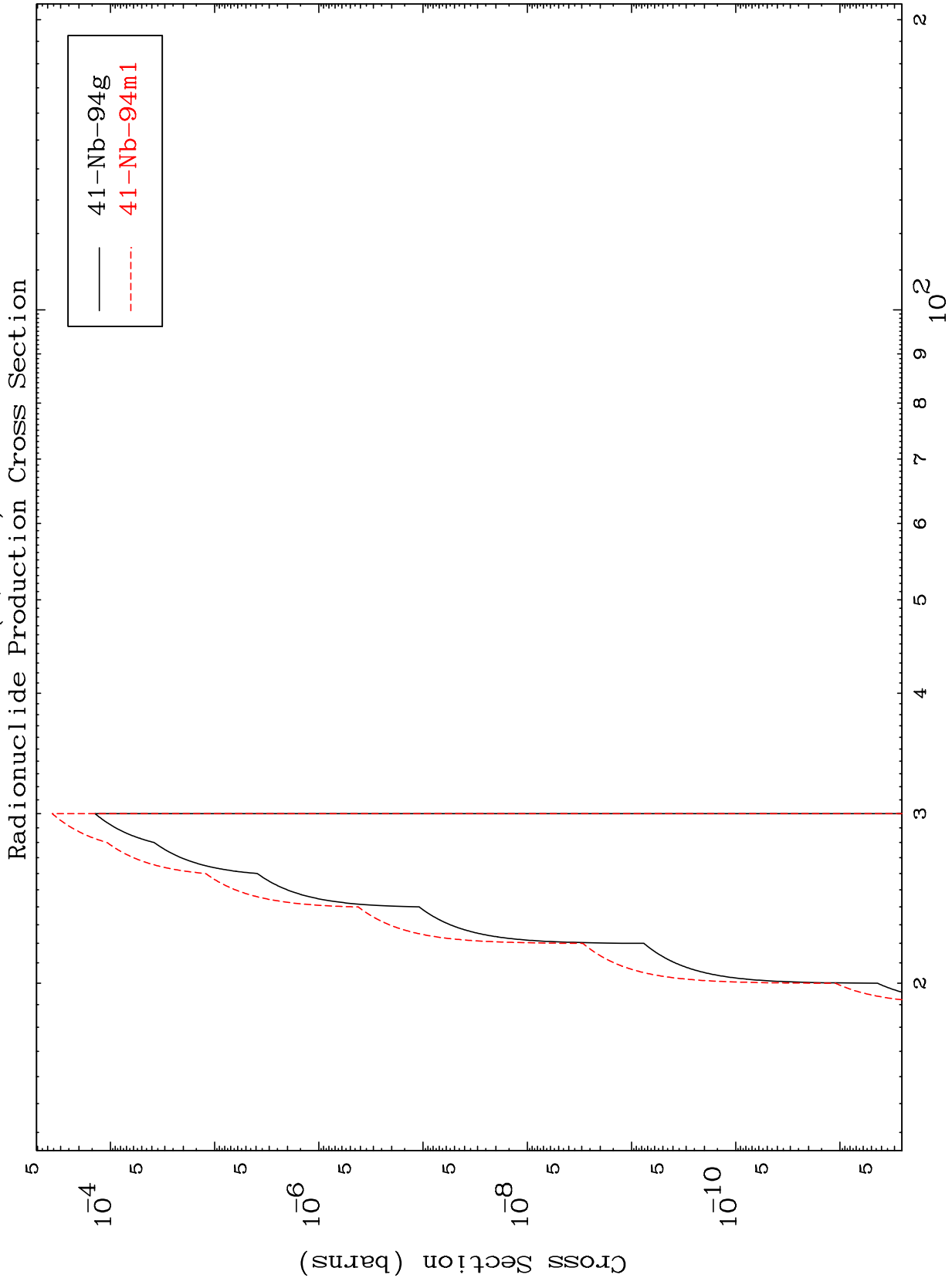
41-Nb-93



MAT 4125

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

41-Nb-93



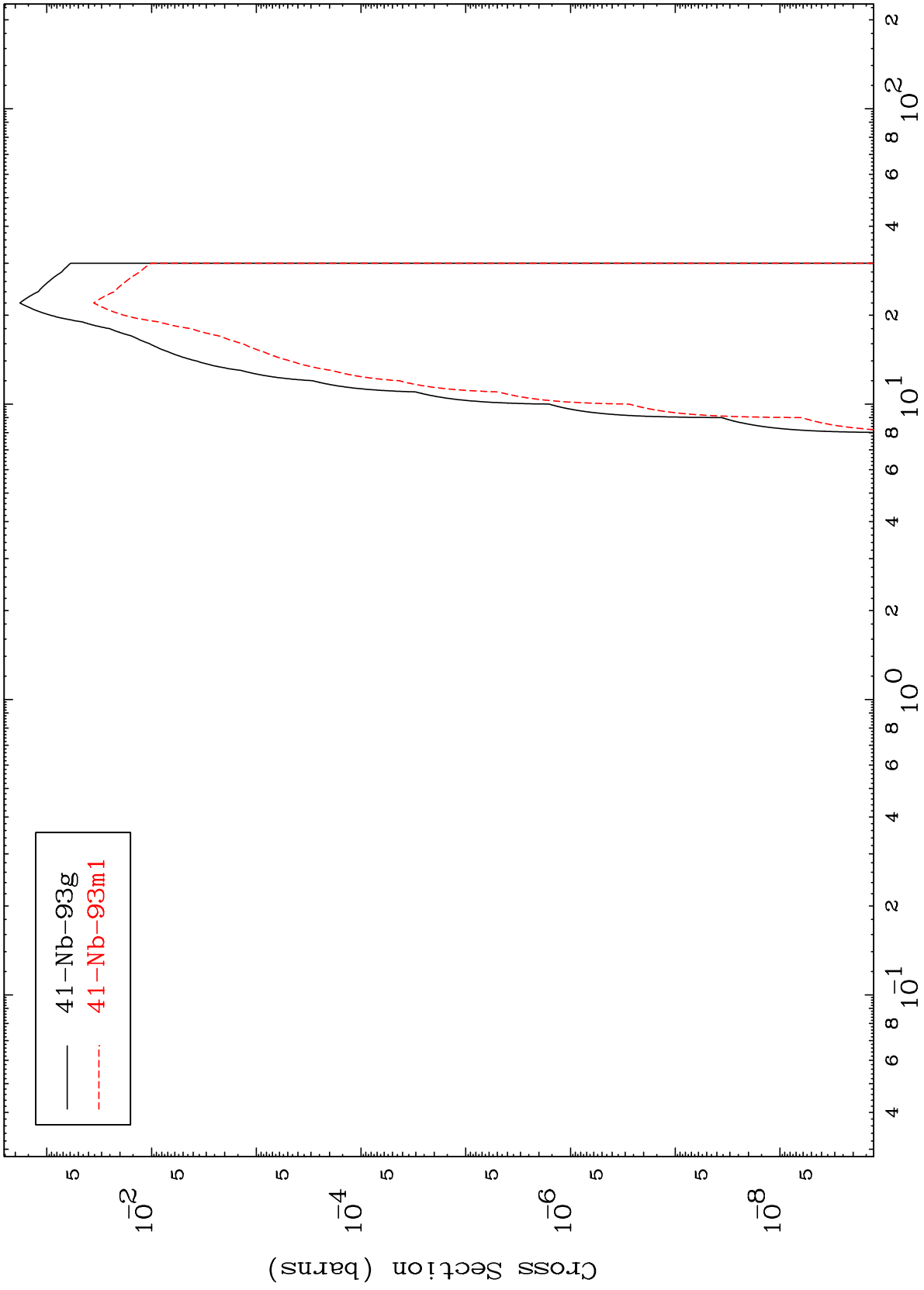
20

41-Nb-93

MAT 4125

41-Nb-93

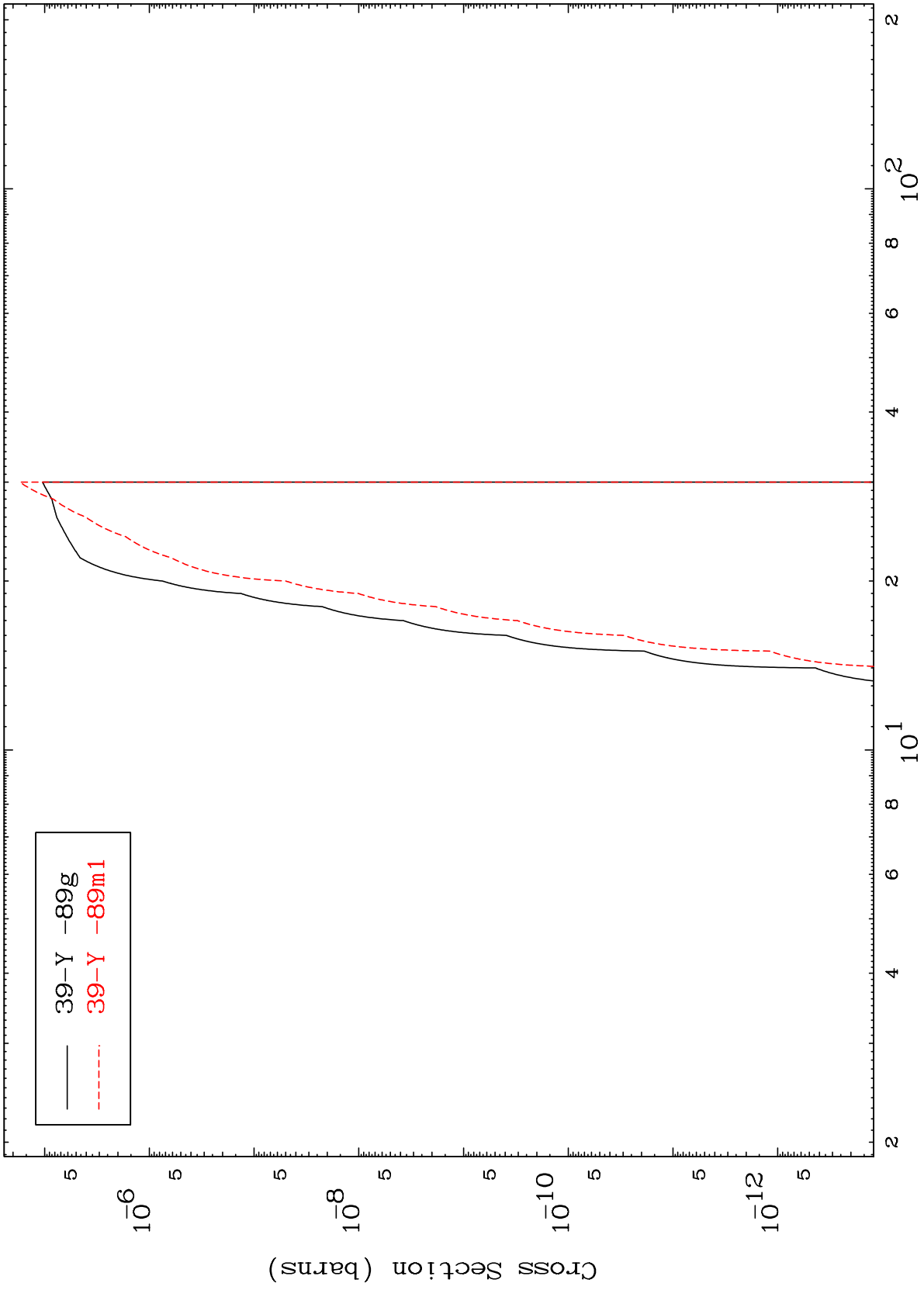
Radionuclide Production Cross Section



MAT 4125

41-Nb-93

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



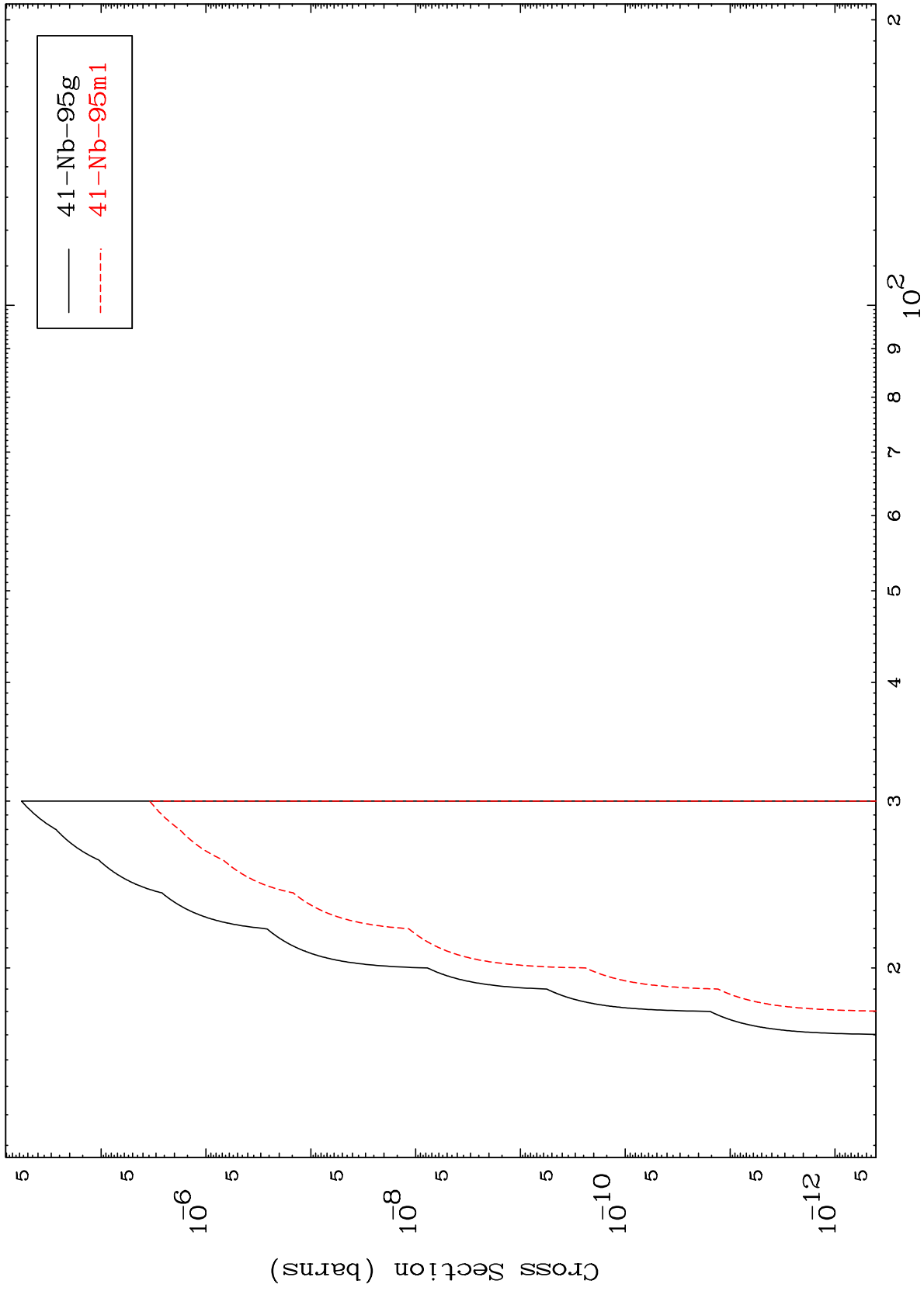
22

41-Nb-93

MAT 4125

41-Nb-93

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



23

41-Nb-93

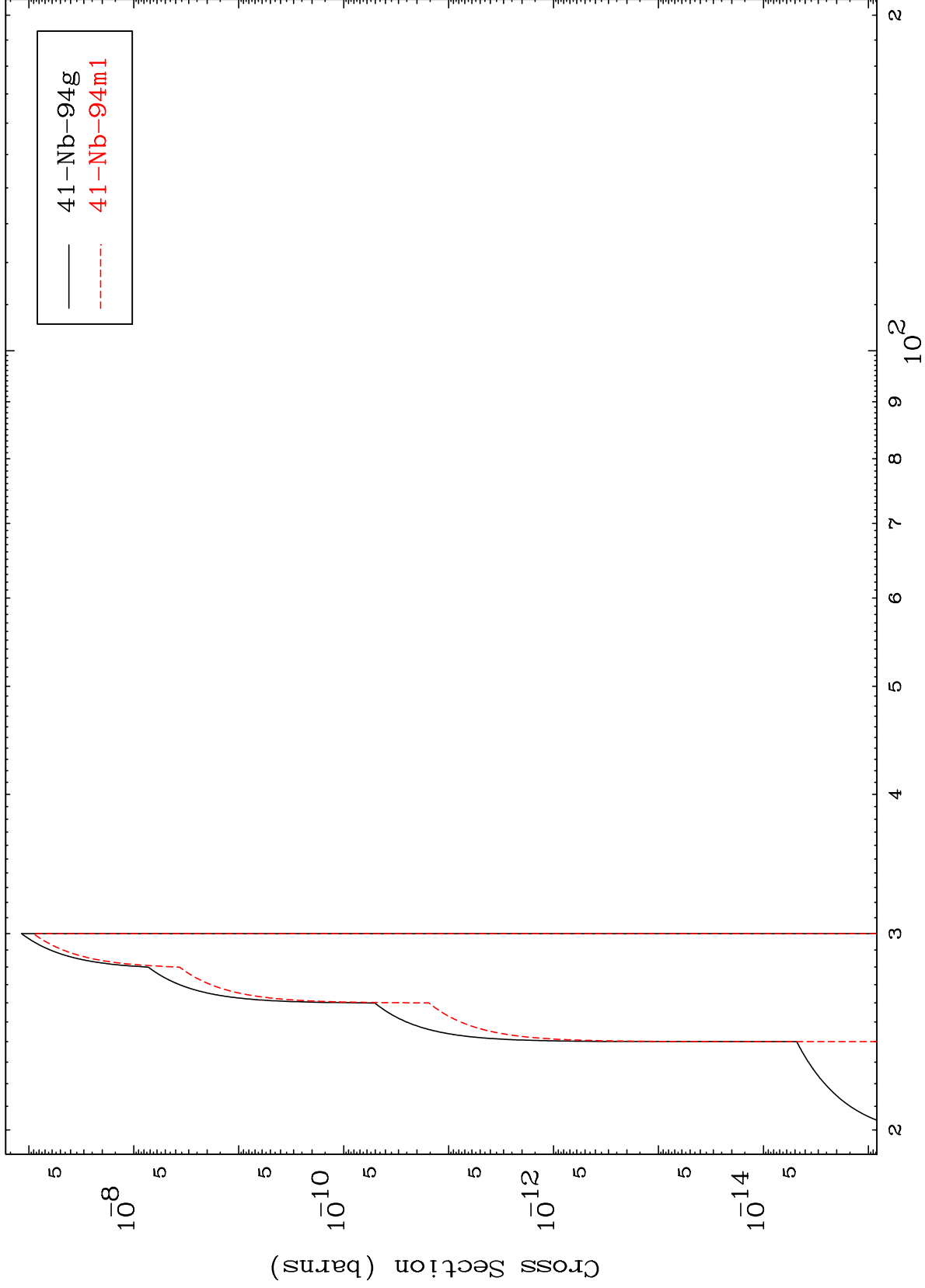


MAT 4125

( $\alpha, p$ ) d

41-Nb-93

Radionuclide Production Cross Section



24

Incident Energy (MeV)

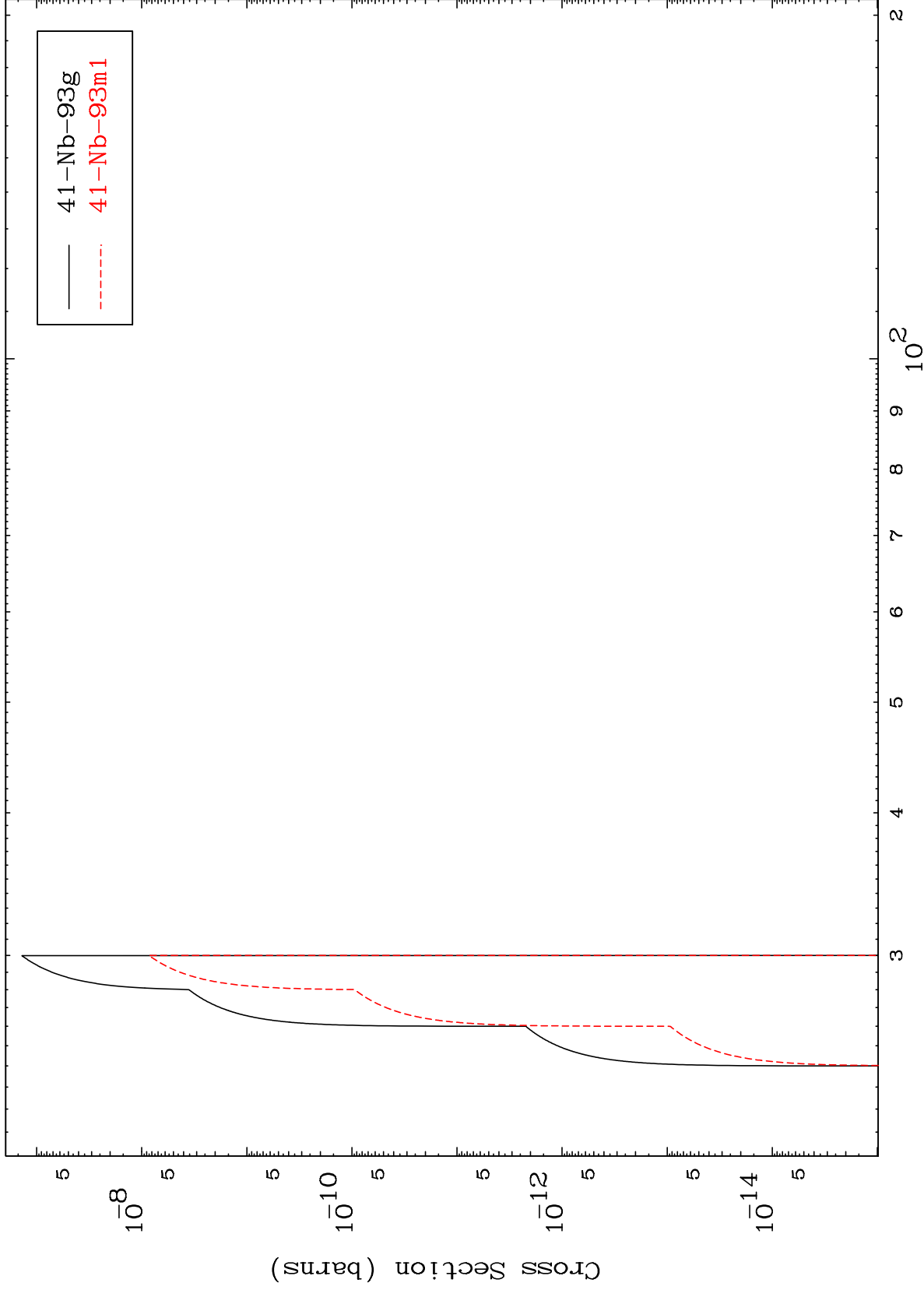
41-Nb-93

MAT 4125

( $\alpha, p$ ) t

41-Nb-93

Radionuclide Production Cross Section



25

Incident Energy (MeV)

41-Nb-93