

Program EVALPLOT  
(Version 2018-1)

by

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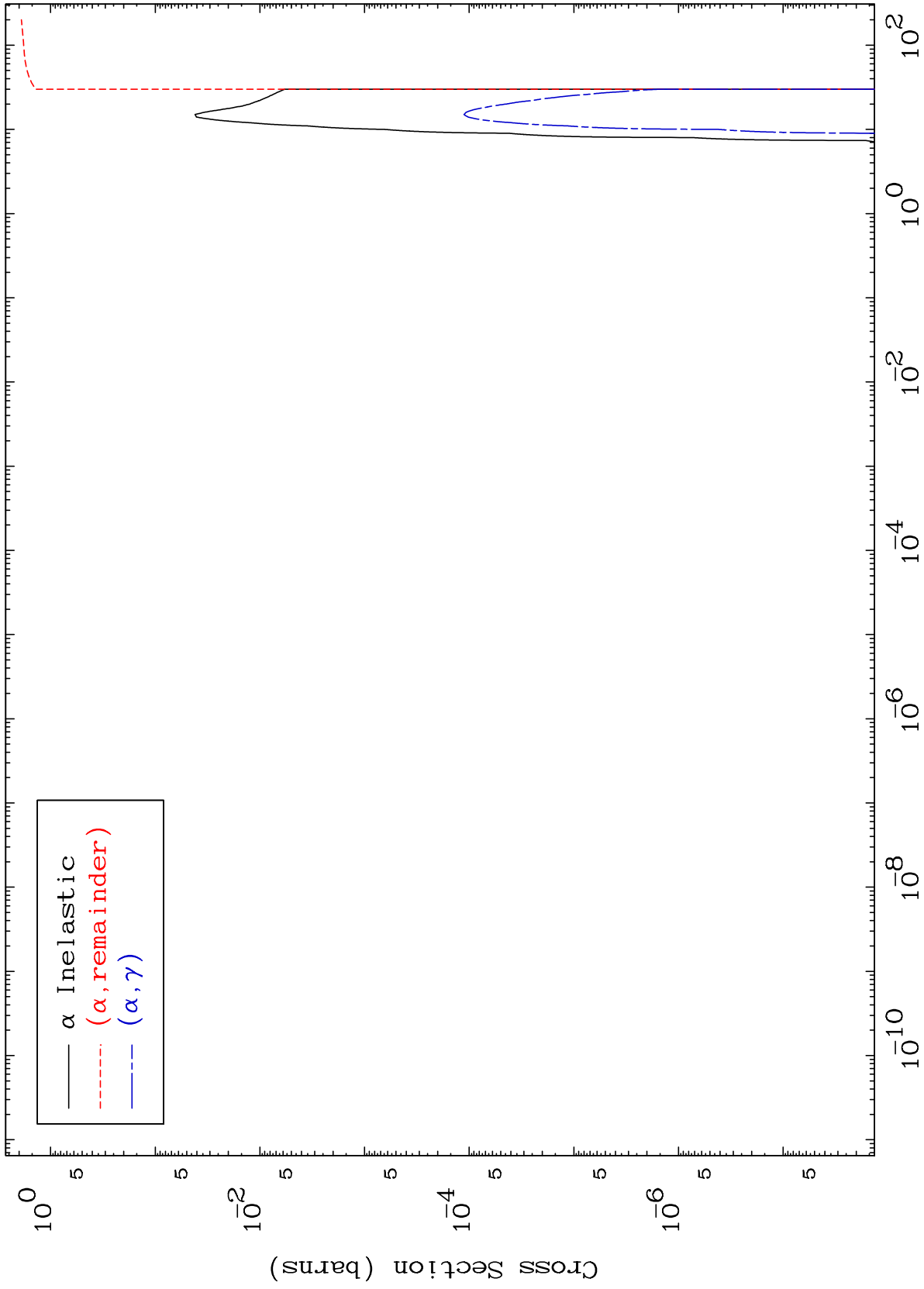
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4111

0 Kelvin  $\alpha$  Major  
Cross Sections

41-Nb-88



1

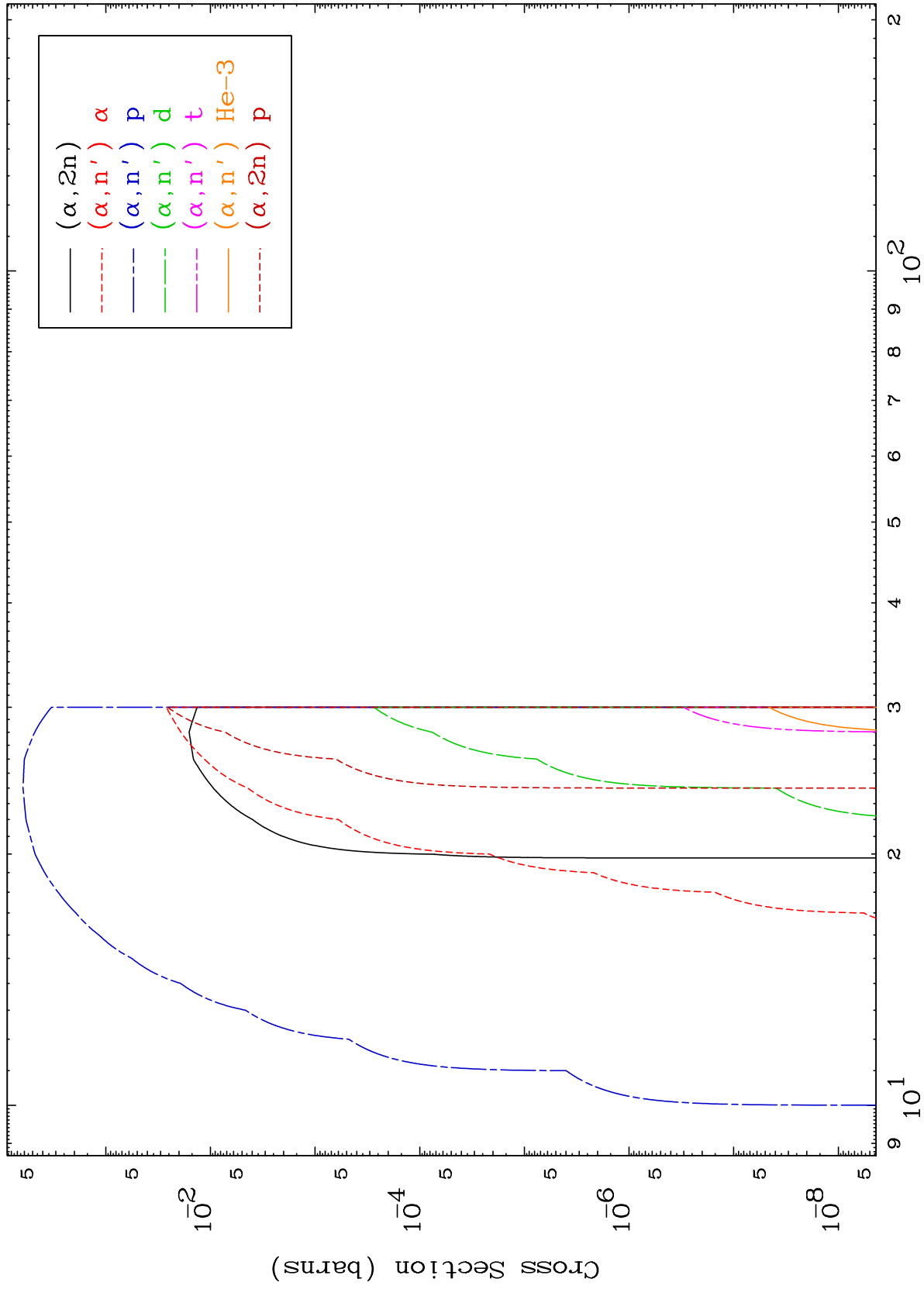
Incident Energy (MeV)

41-Nb-88

MAT 4111

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

41-Nb-88



2

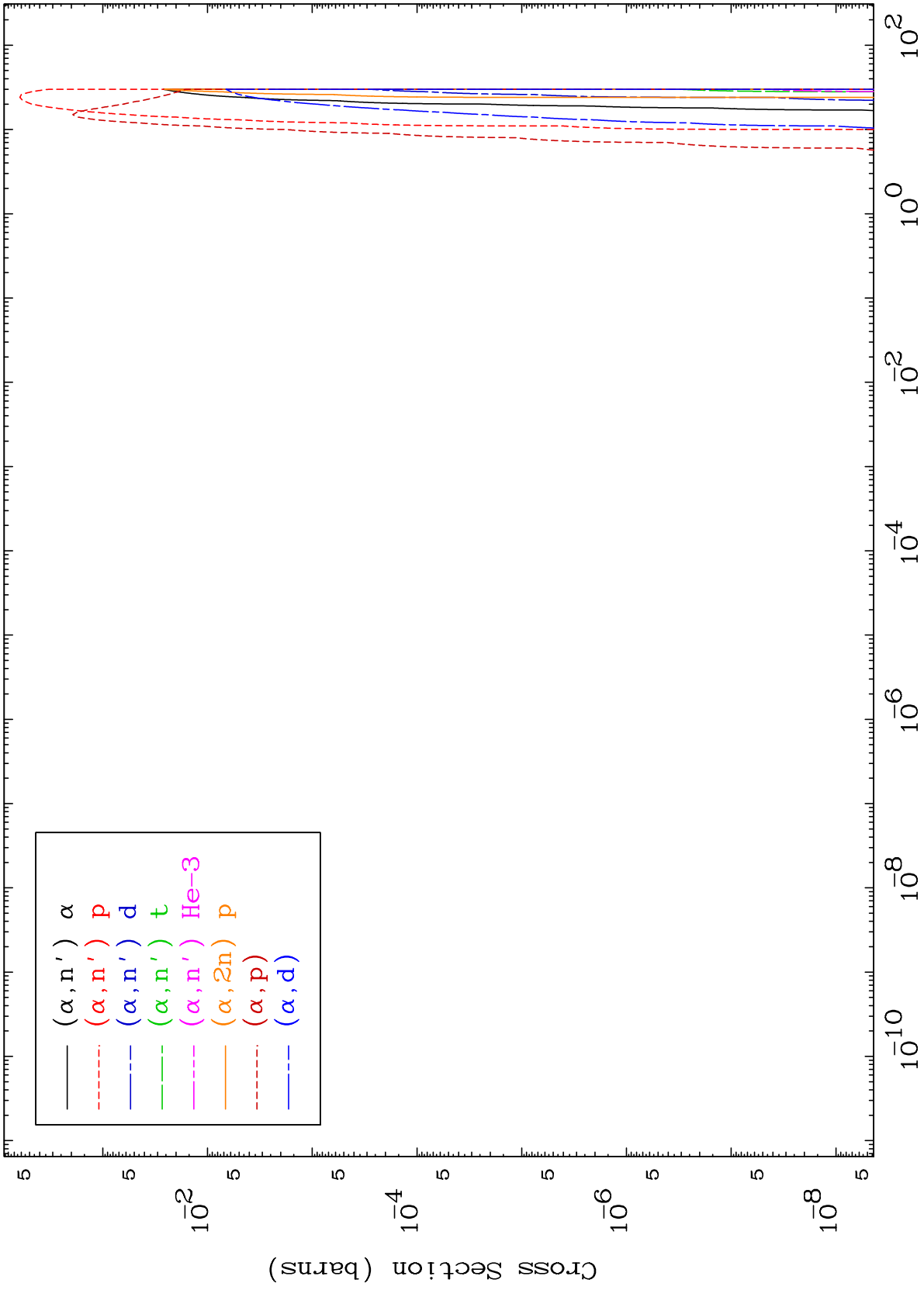
Incident Energy (MeV)

41-Nb-88

MAT 4111

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

41-Nb-88



3

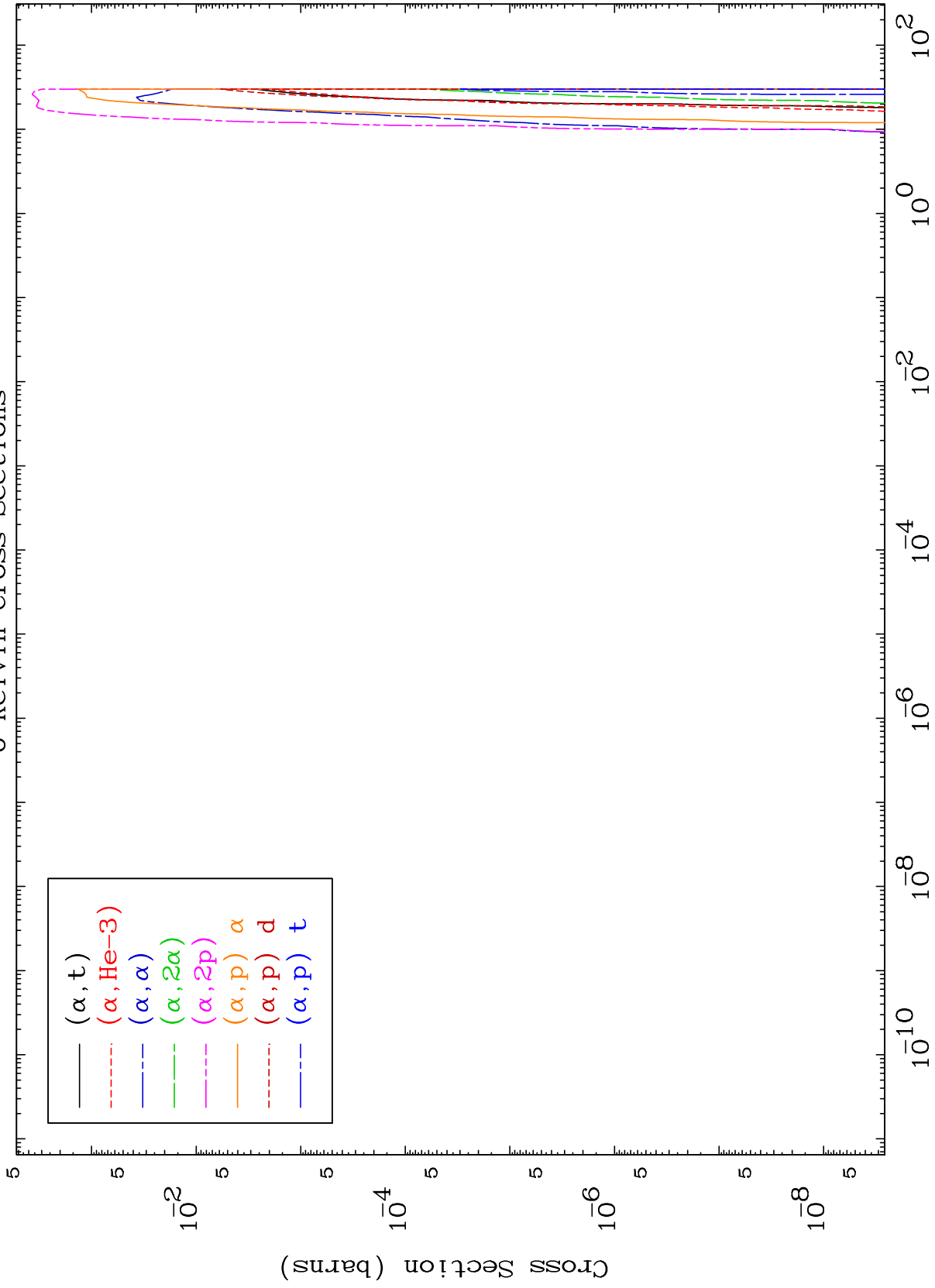
Incident Energy (MeV)

41-Nb-88

MAT 4111

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

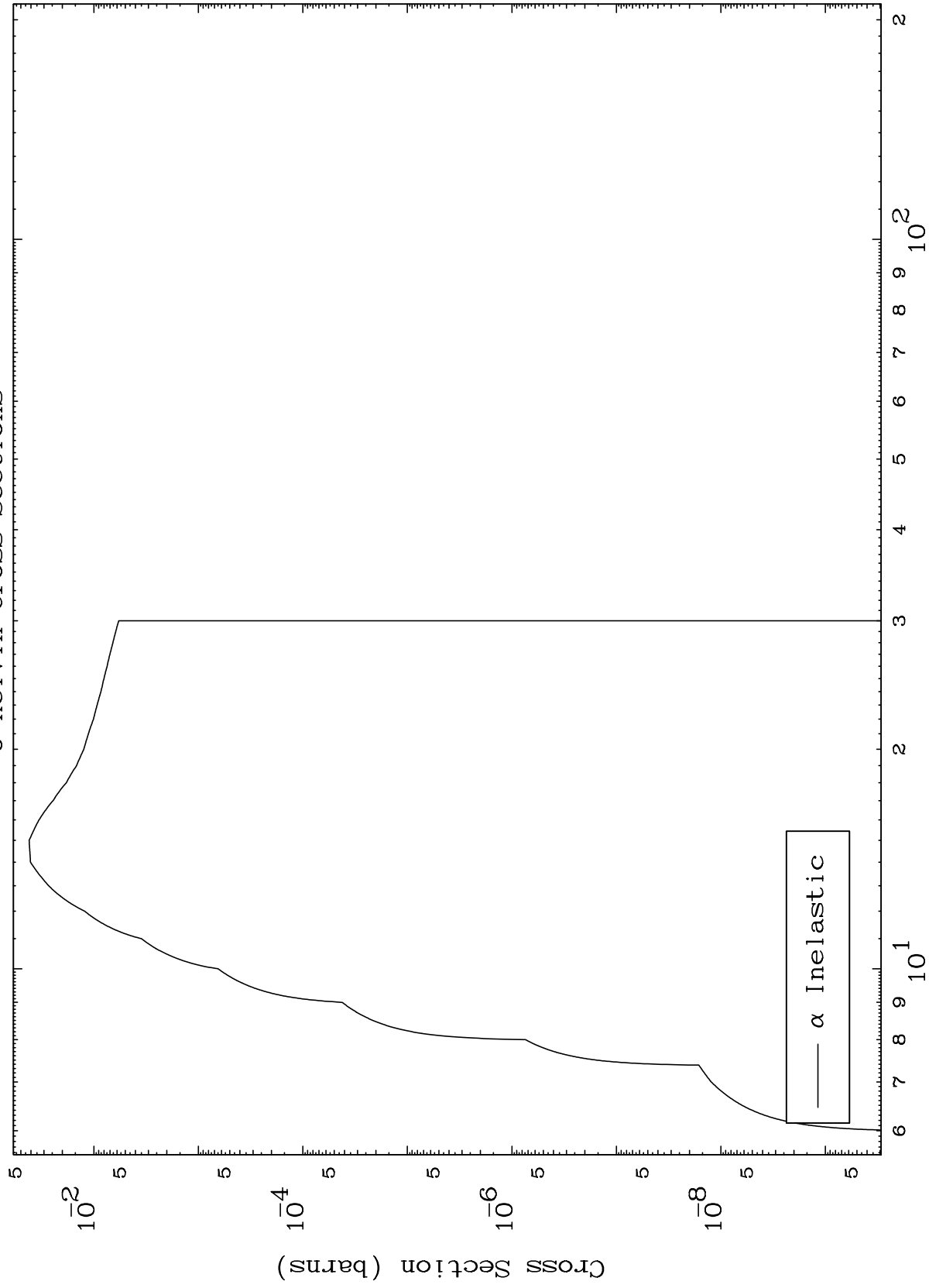
41-Nb-88



MAT 4111

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

41-Nb-88



5

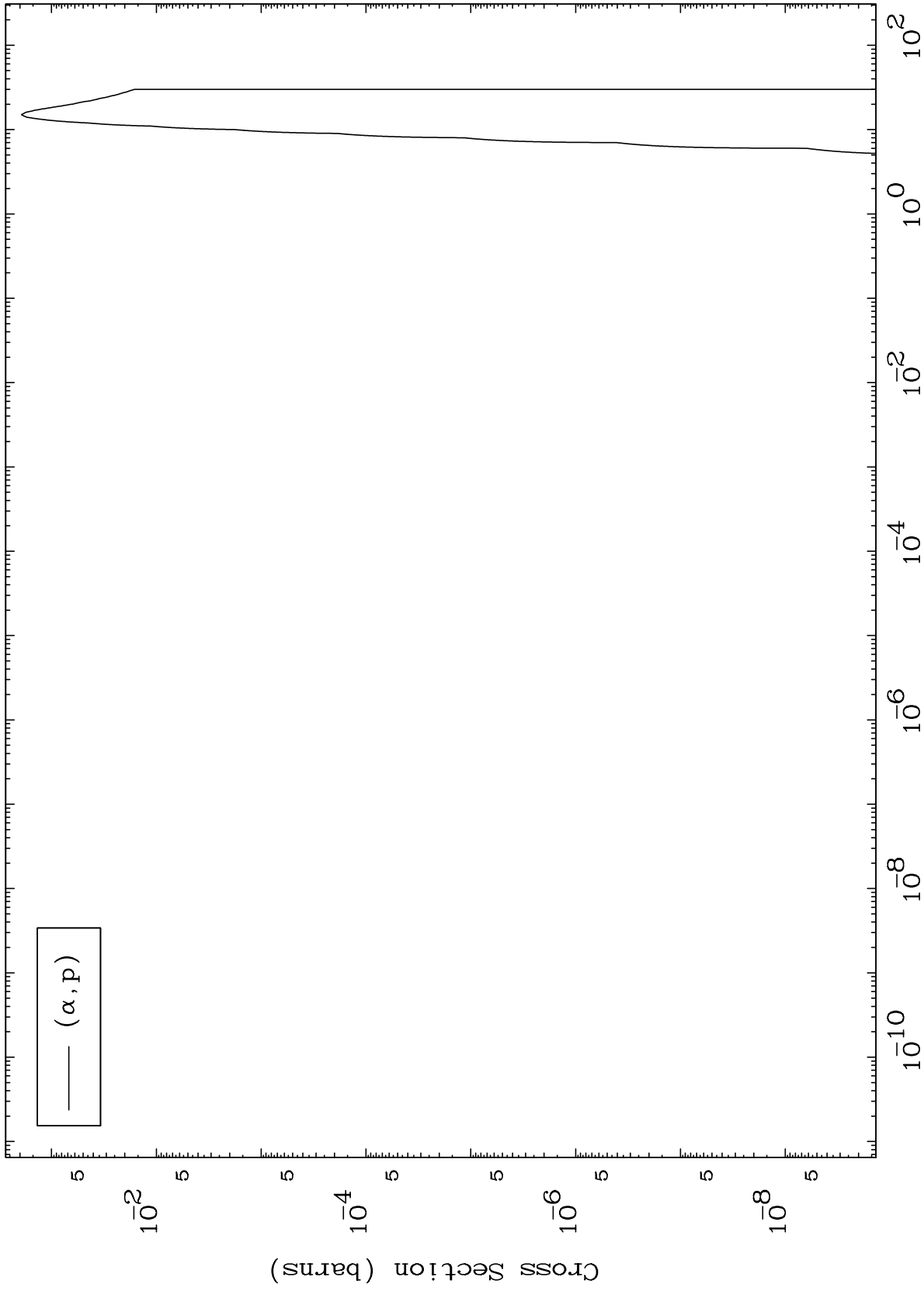
Incident Energy (MeV)

41-Nb-88

MAT 4111

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

41-Nb-88



6

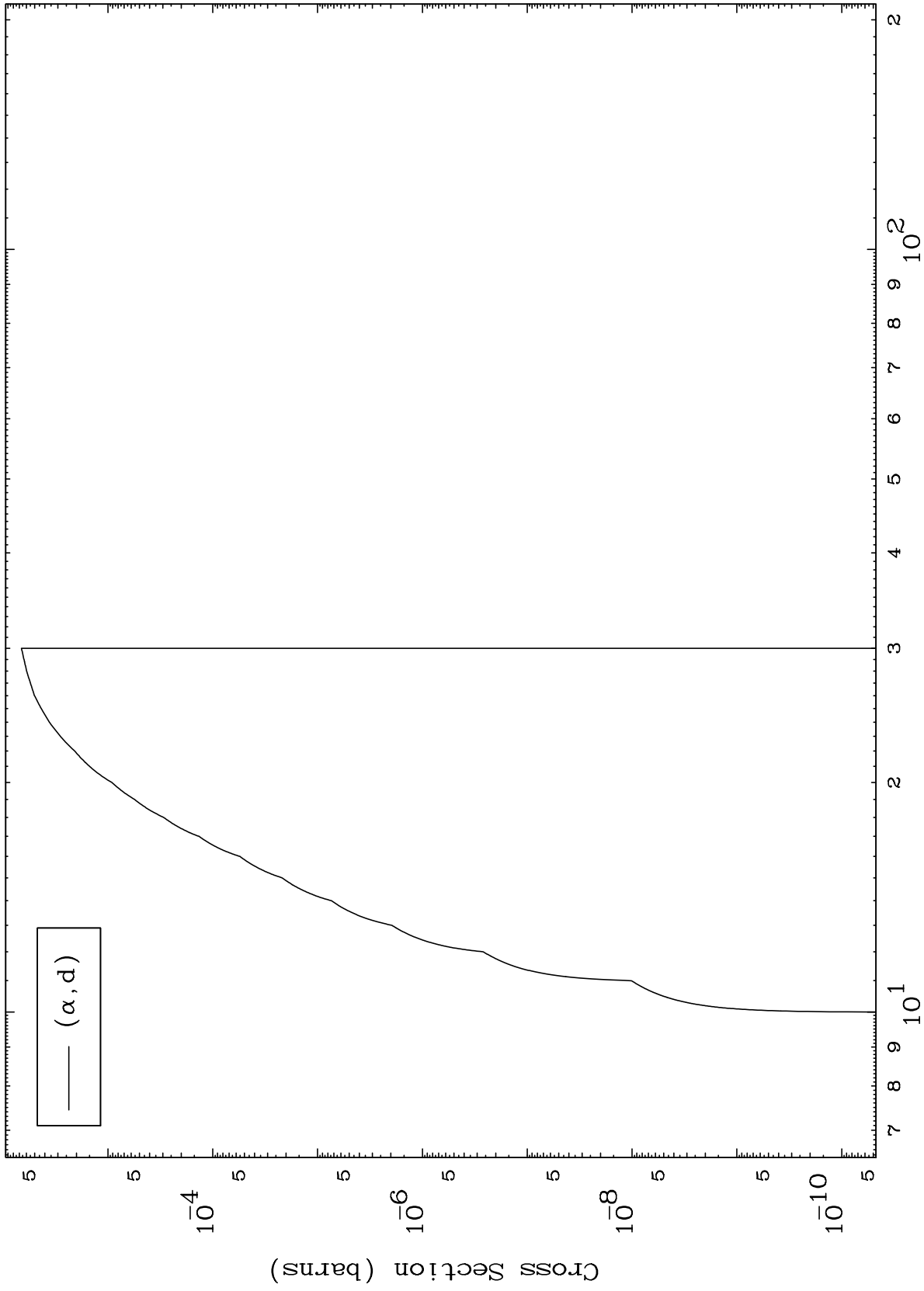
Incident Energy (MeV)

41-Nb-88

MAT 4111

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

41-Nb-88

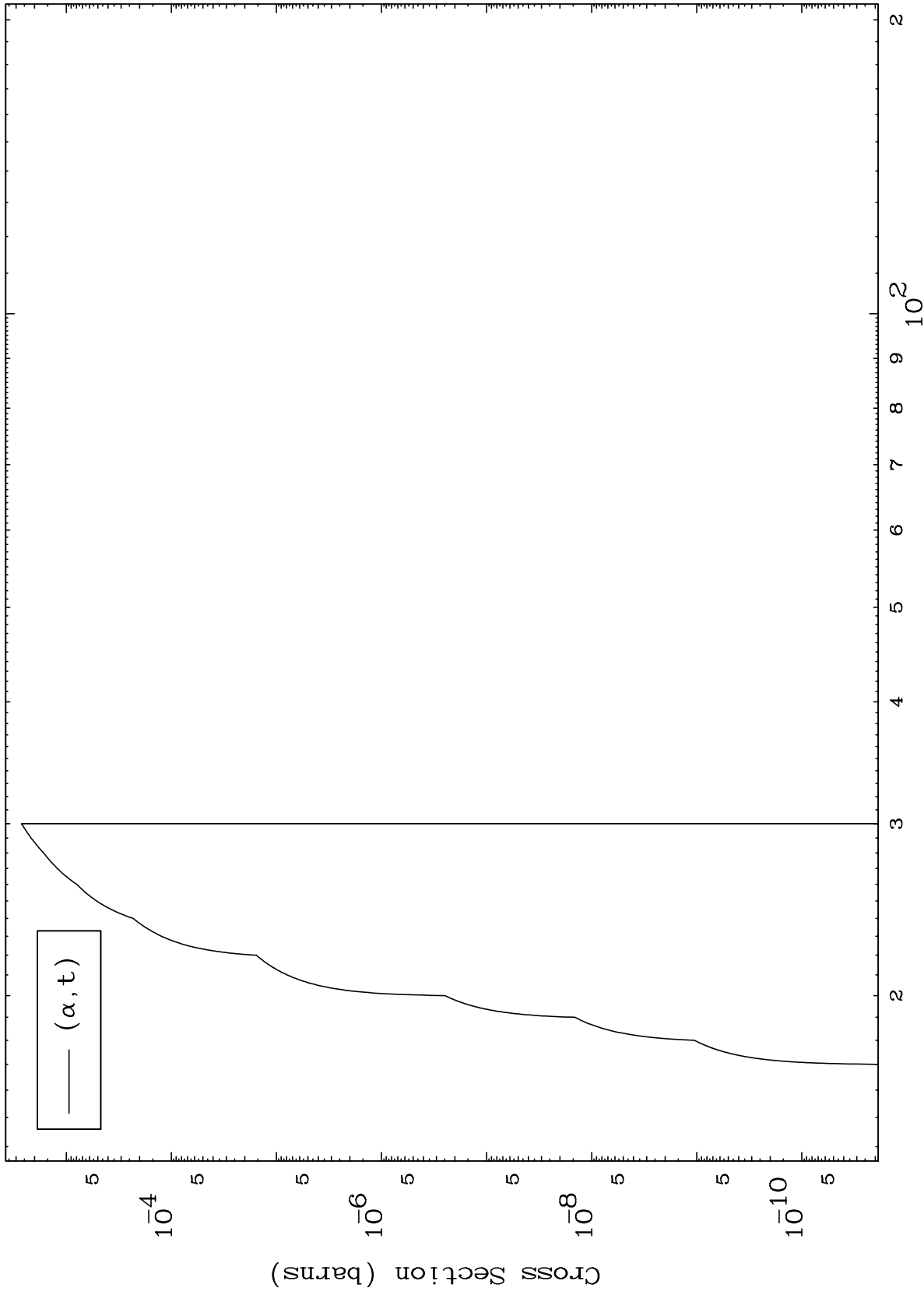


7

Incident Energy (MeV)

41-Nb-88

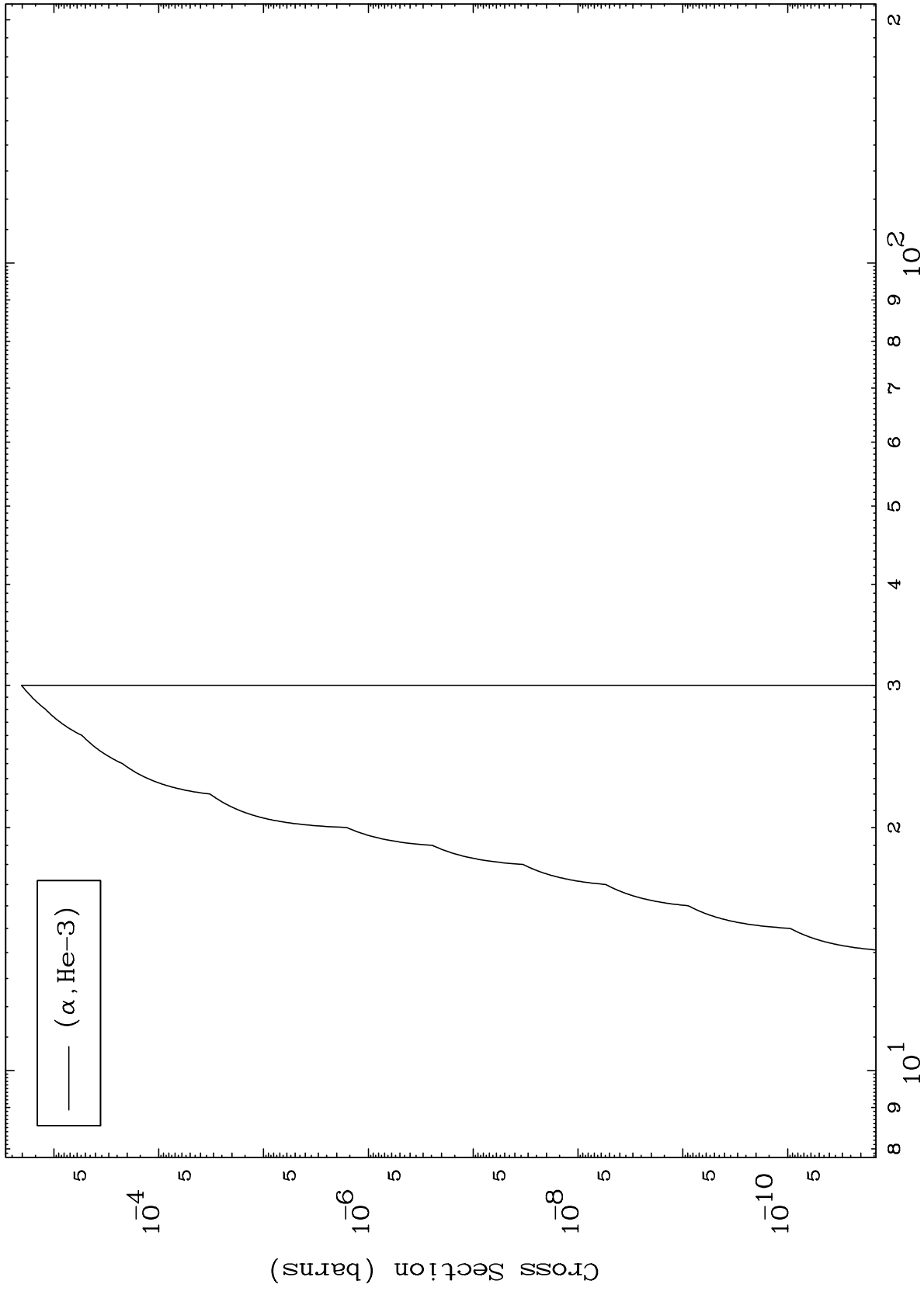




MAT 4111

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

41-Nb-88



9

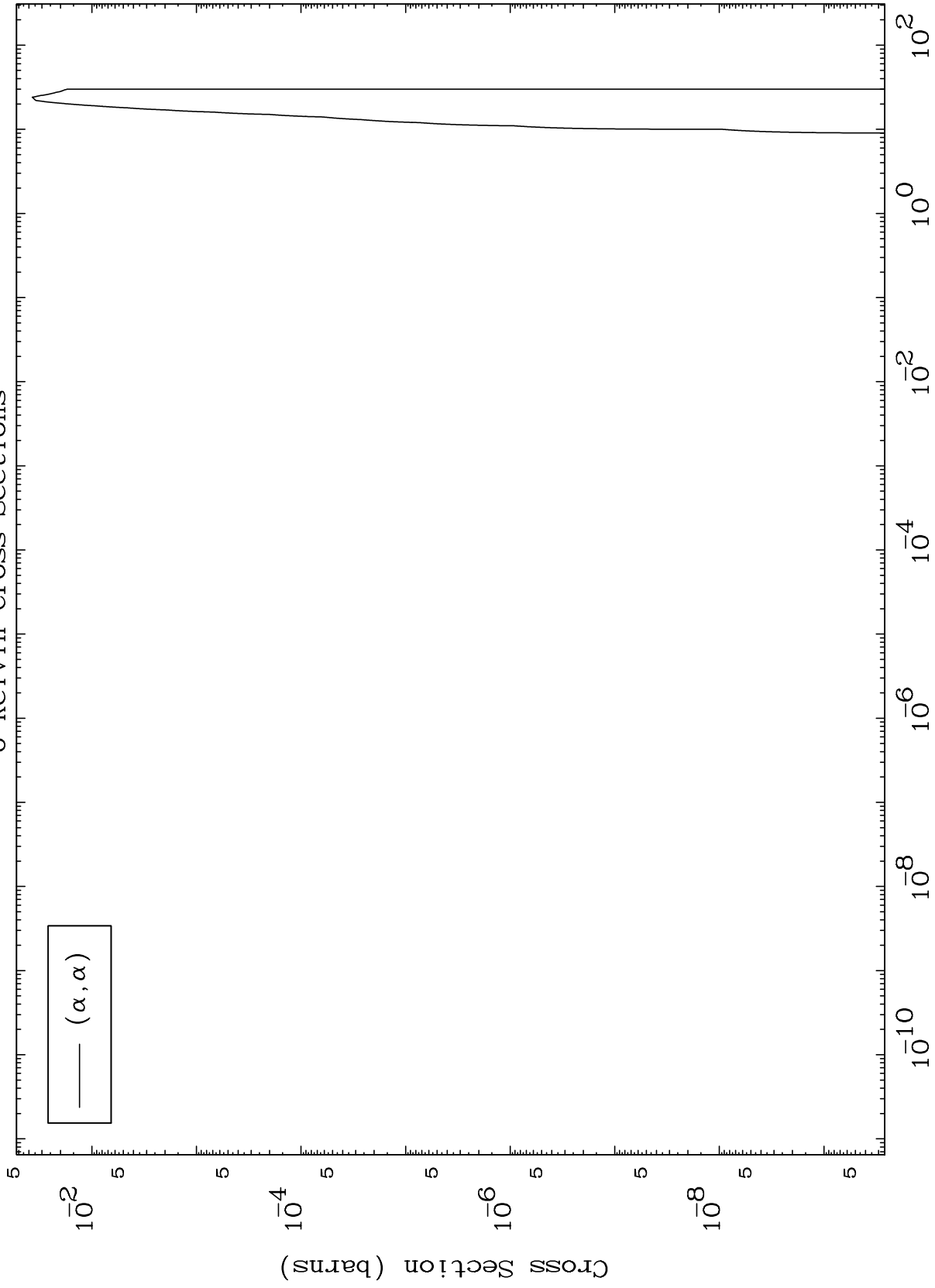
Incident Energy (MeV)

41-Nb-88

MAT 4111

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

41-Nb-88



10

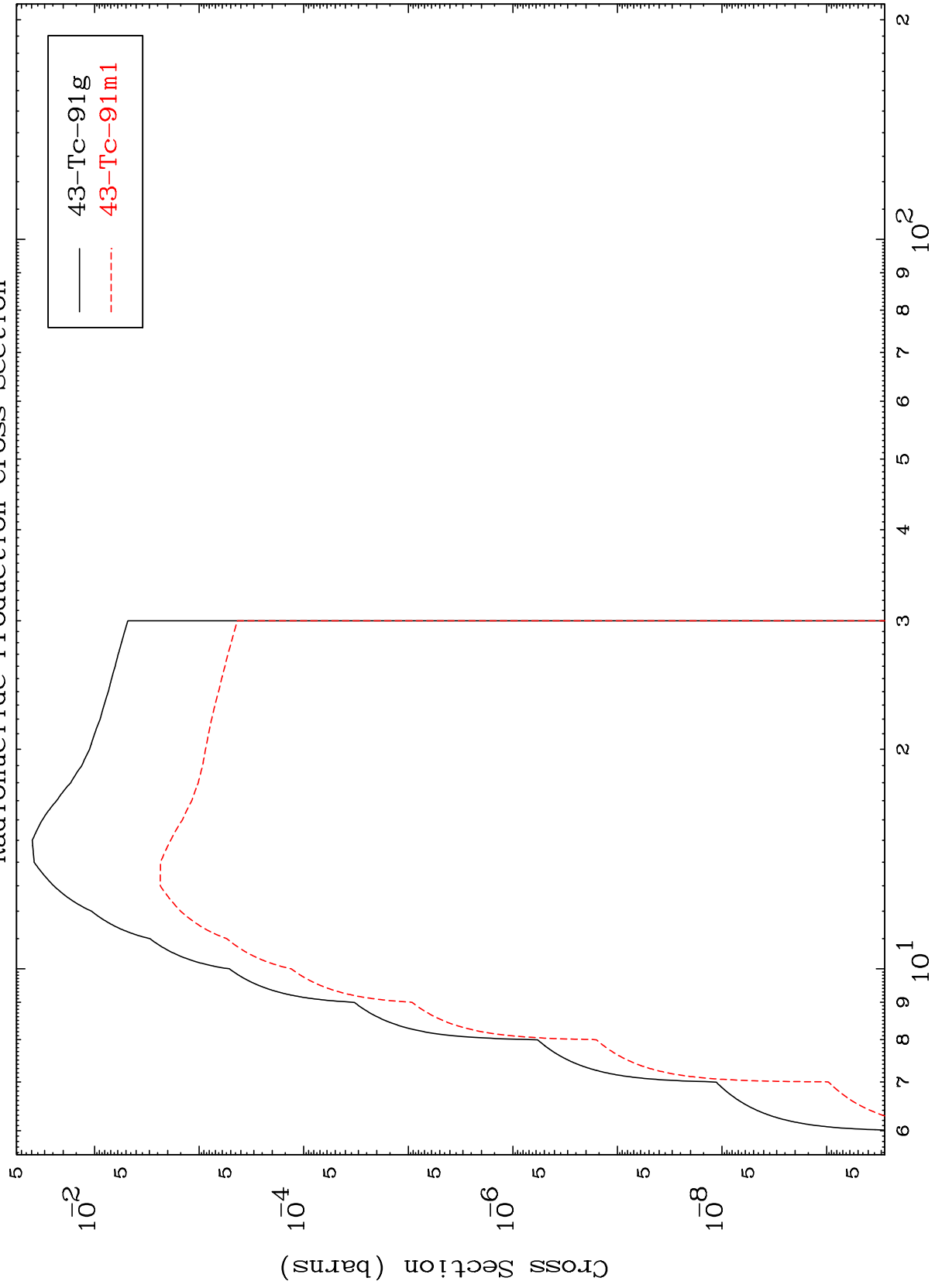
Incident Energy (MeV)

41-Nb-88

MAT 4111

41-Nb-88

$\alpha$  Inelastic  
Radionuclide Production Cross Section



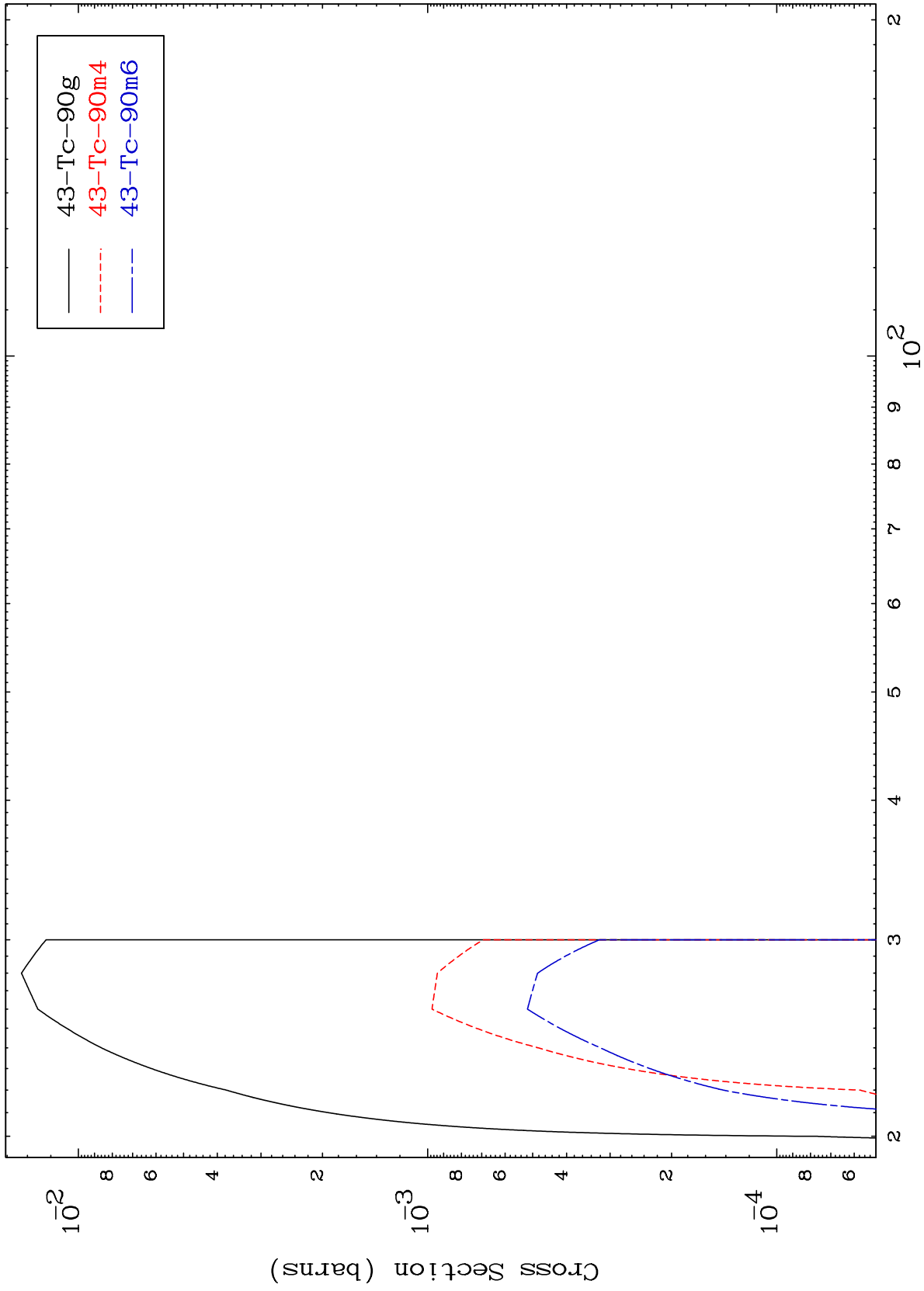
11

41-Nb-88

MAT 4111

41-Nb-88

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



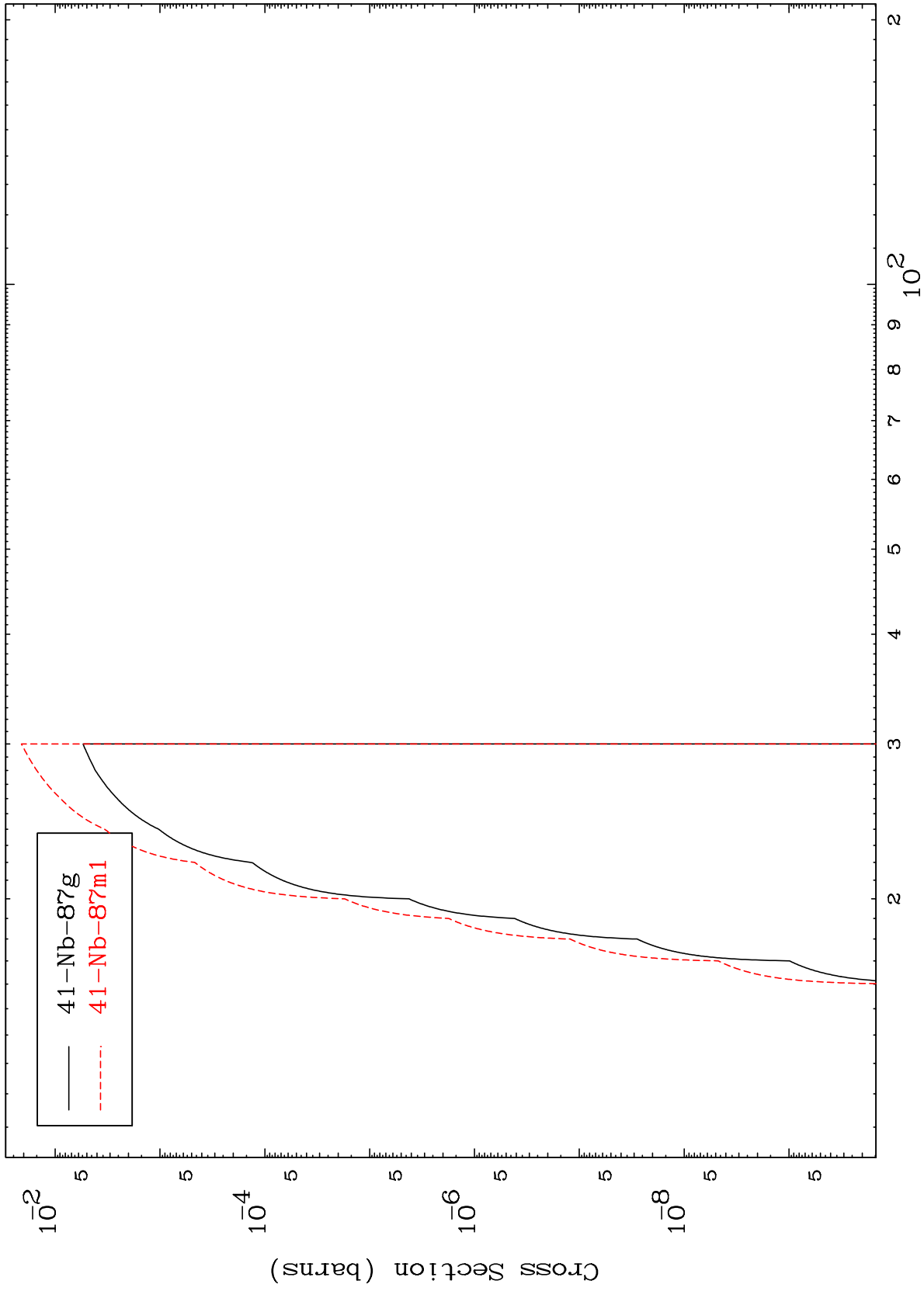
12

41-Nb-88

MAT 4111

41-Nb-88

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



13

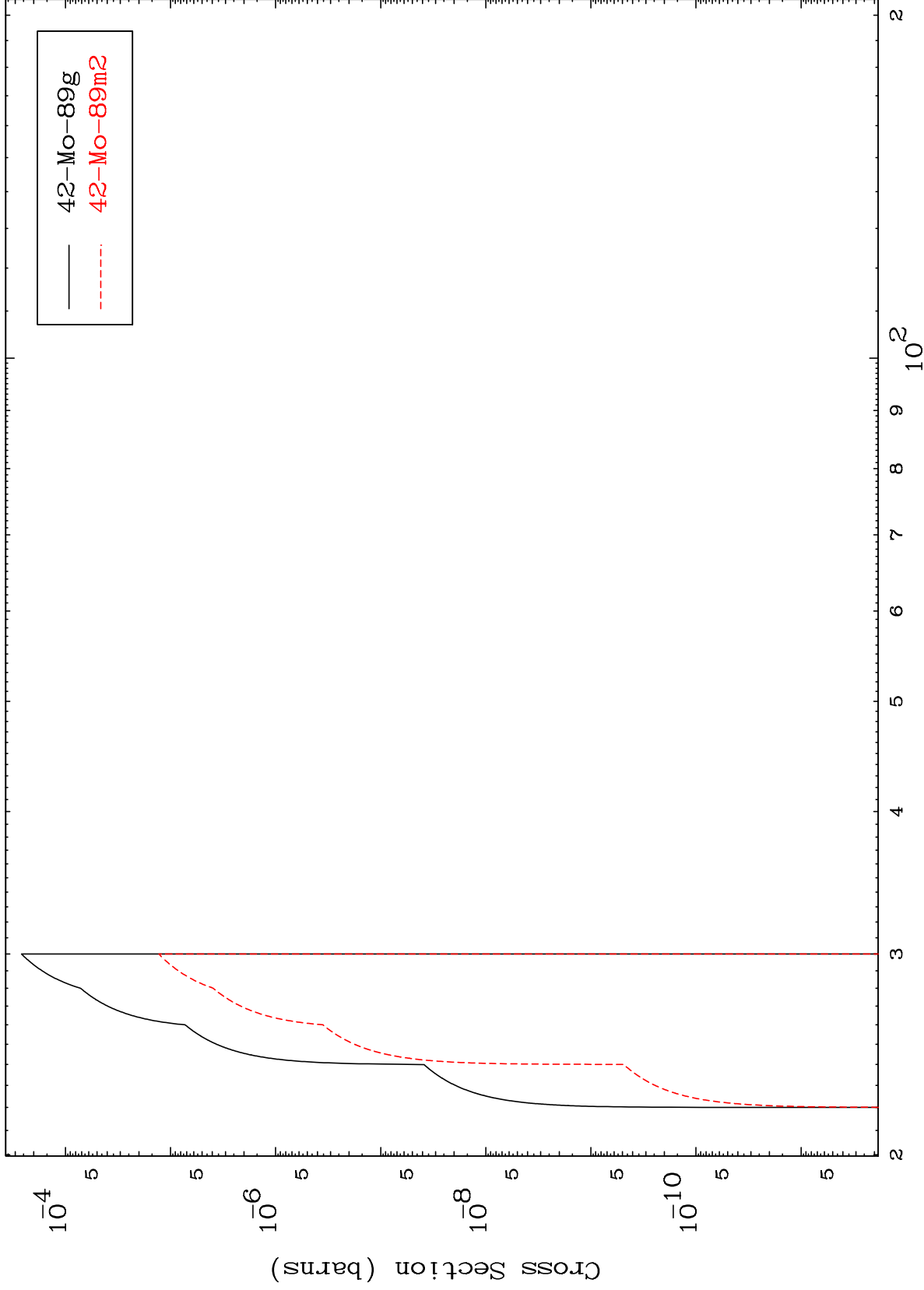
41-Nb-88

MAT 4111

( $\alpha, n'$ ) d

41-Nb-88

Radionuclide Production Cross Section



14

Incident Energy (MeV)

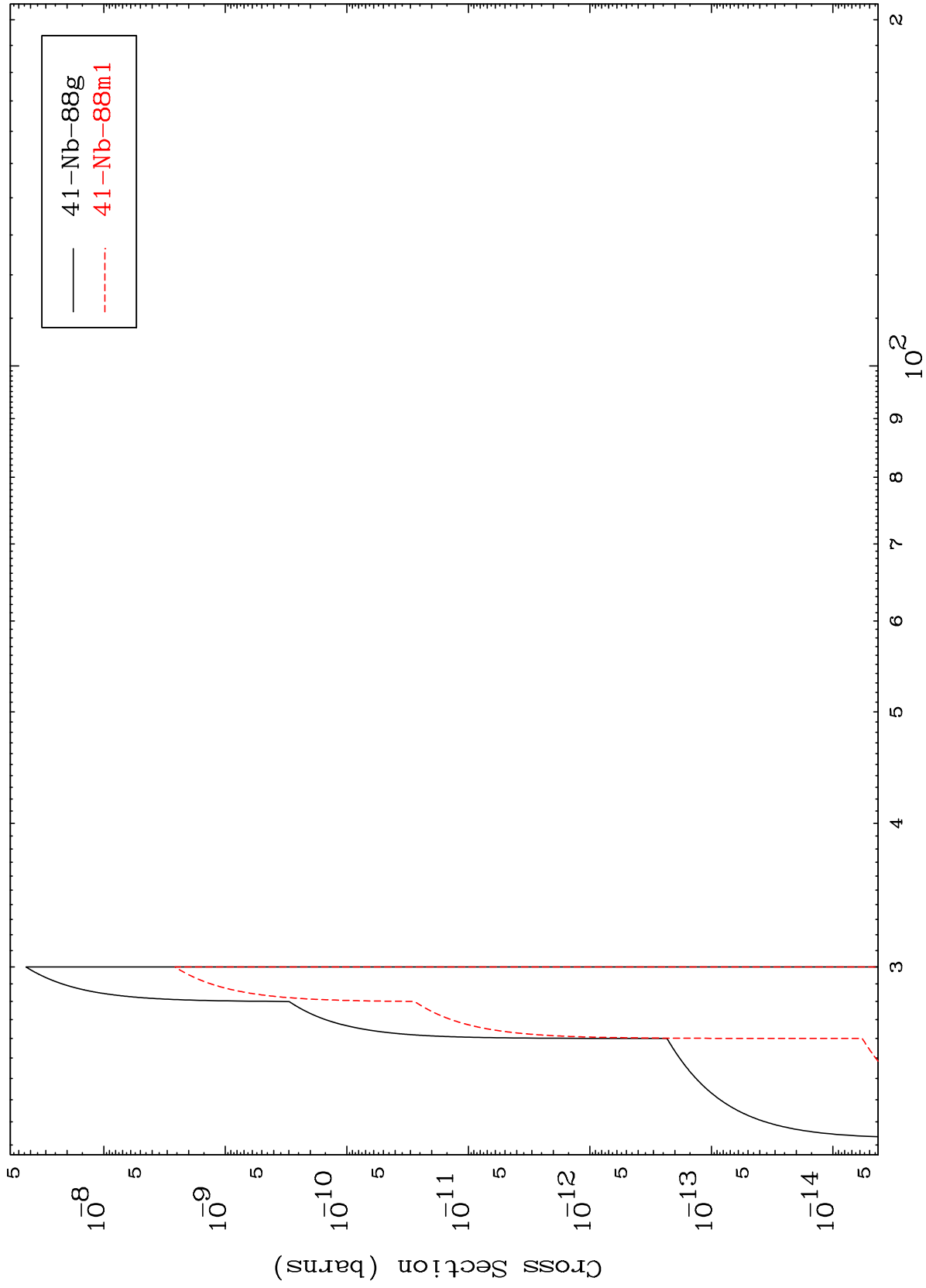
41-Nb-88

MAT 4111

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

41-Nb-88

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-88

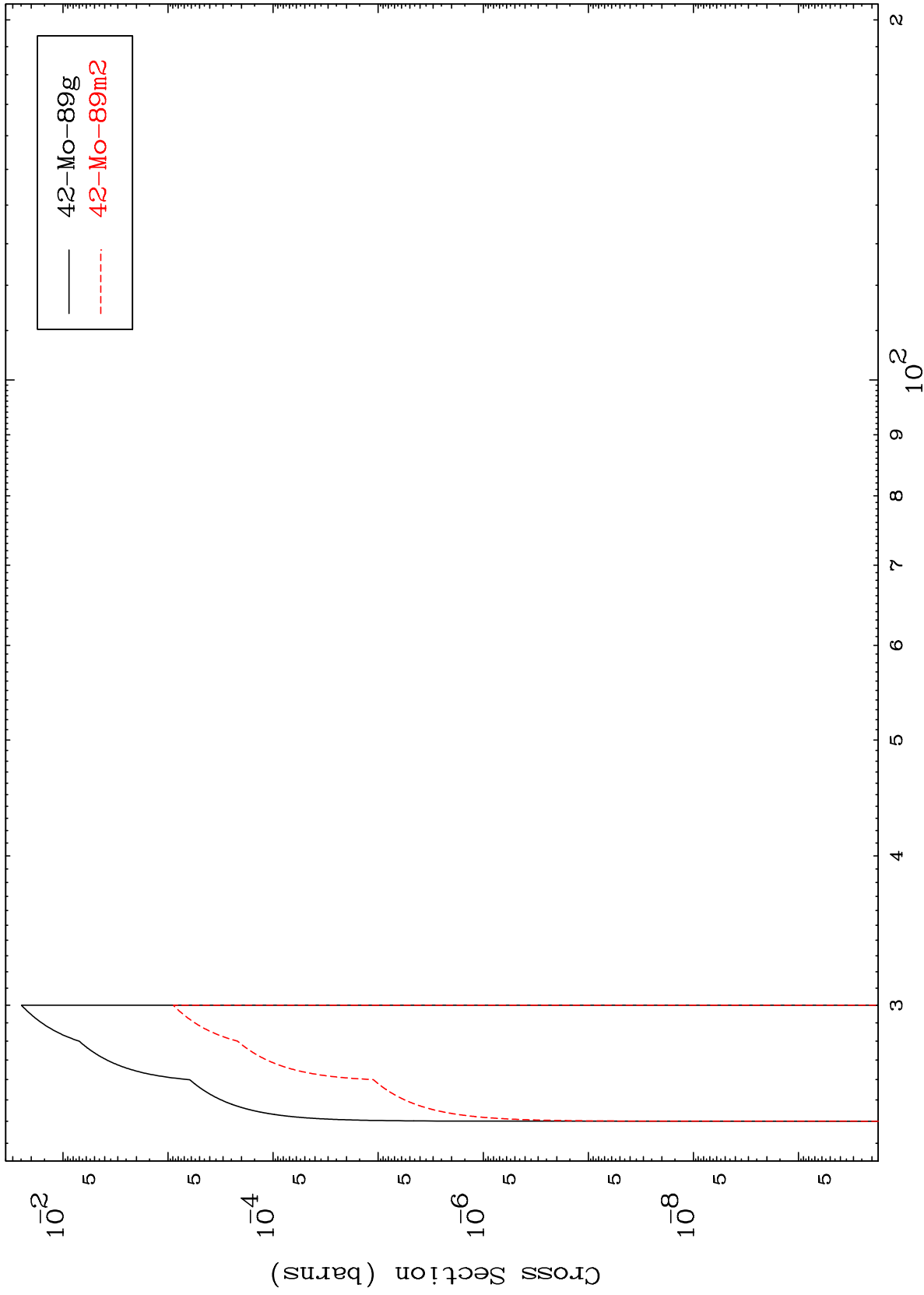


MAT 4111

( $\alpha, 2n$ ) p

41-Nb-88

Radionuclide Production Cross Section



16

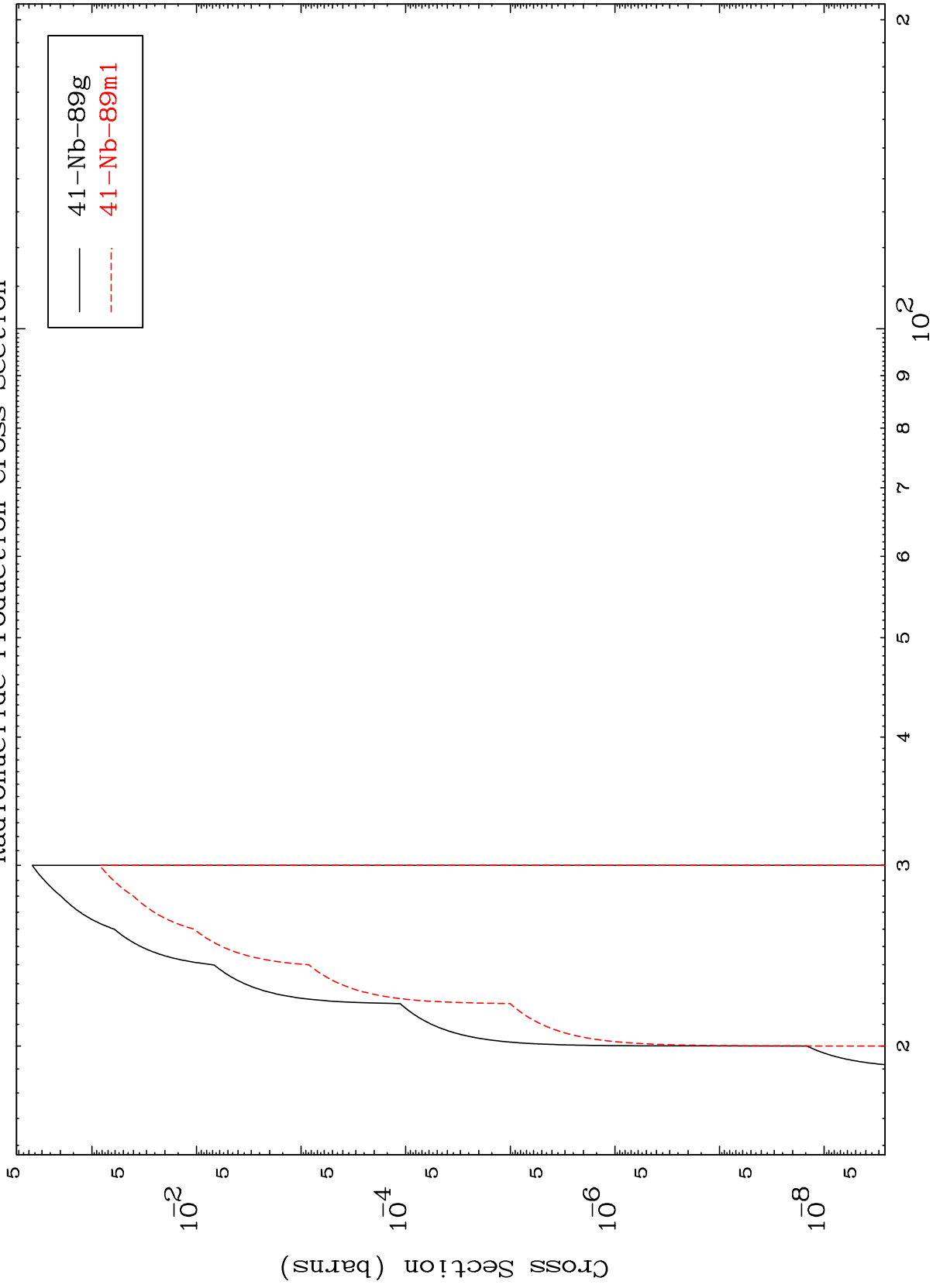
Incident Energy (MeV)

41-Nb-88

MAT 4111

41-Nb-88

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



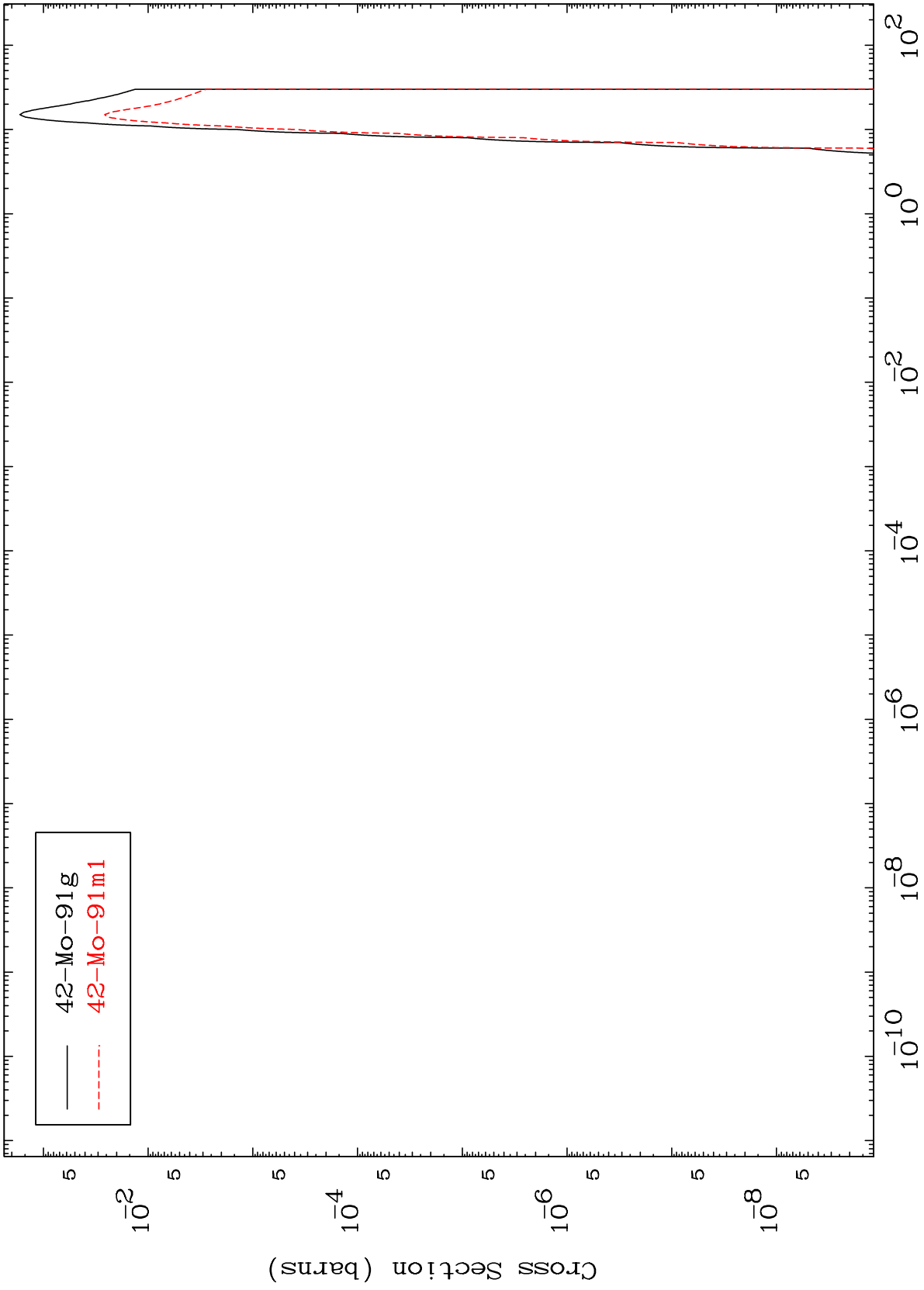
17

41-Nb-88

MAT 4111

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

41-Nb-88



18

Incident Energy (MeV)

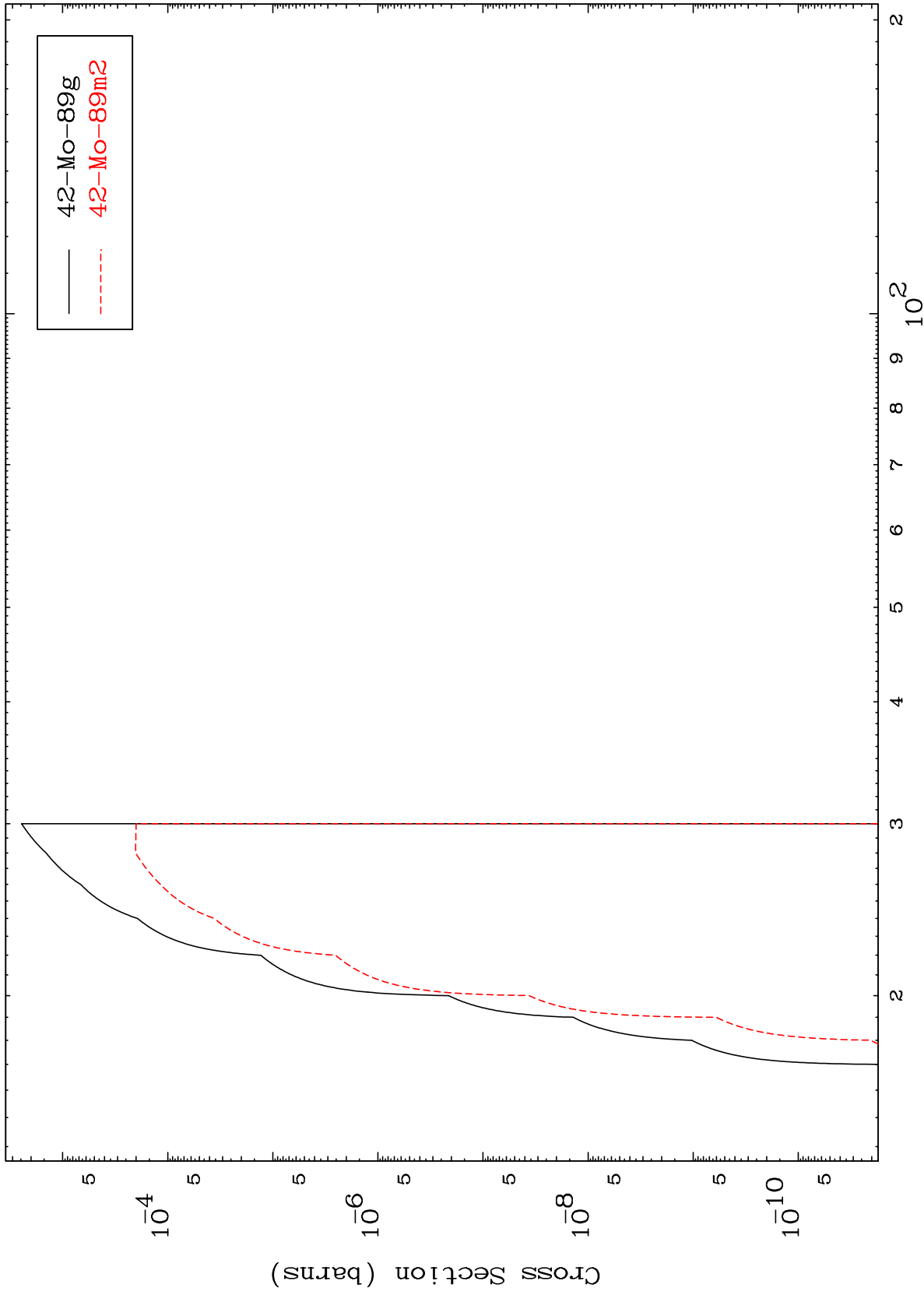
41-Nb-88

MAT 4111

( $\alpha, t$ )

41-Nb-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

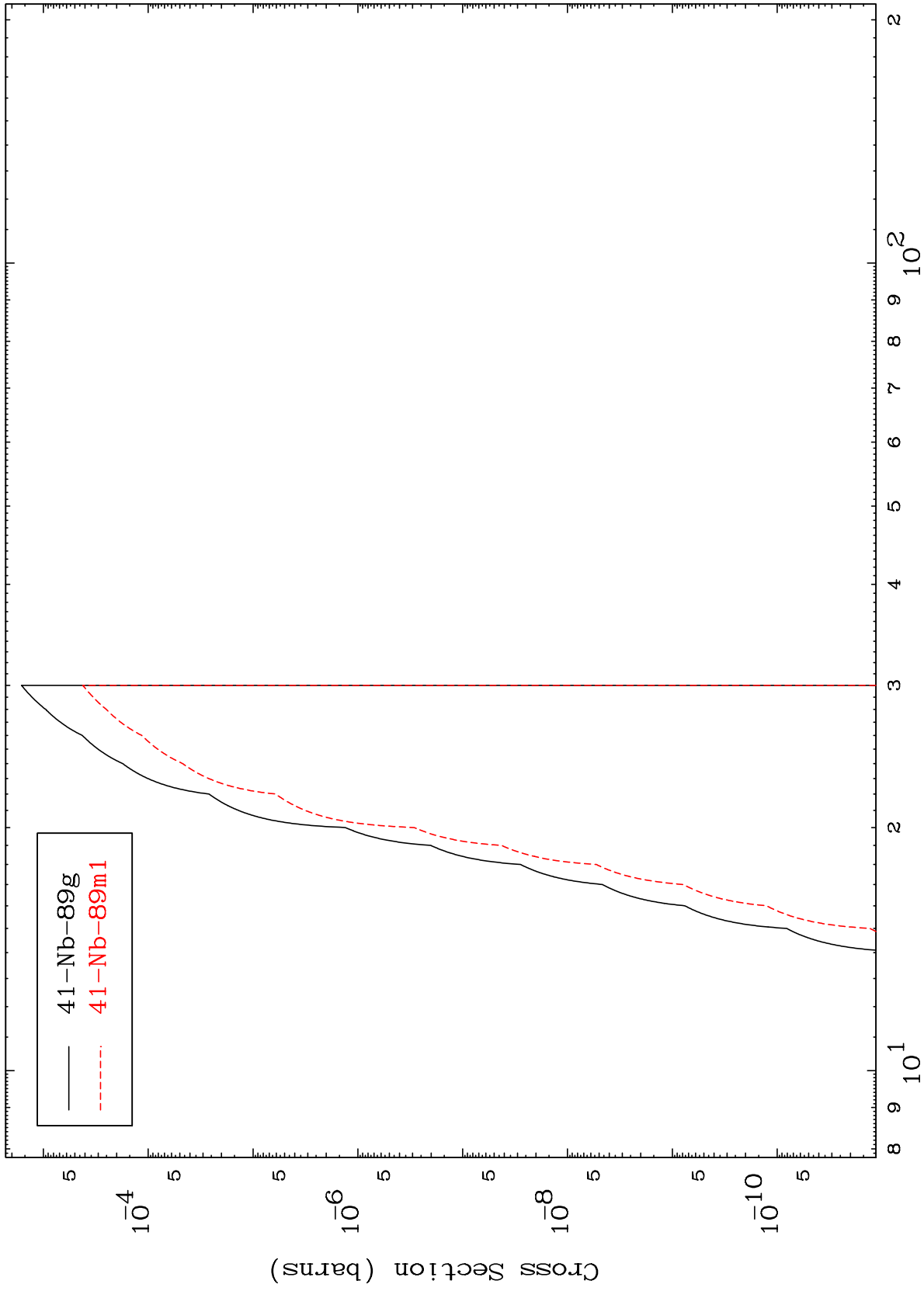
41-Nb-88

MAT 4111

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

41-Nb-88

Radionuclide Production Cross Section



41-Nb-89g  
41-Nb-89m1

20

Incident Energy (MeV)

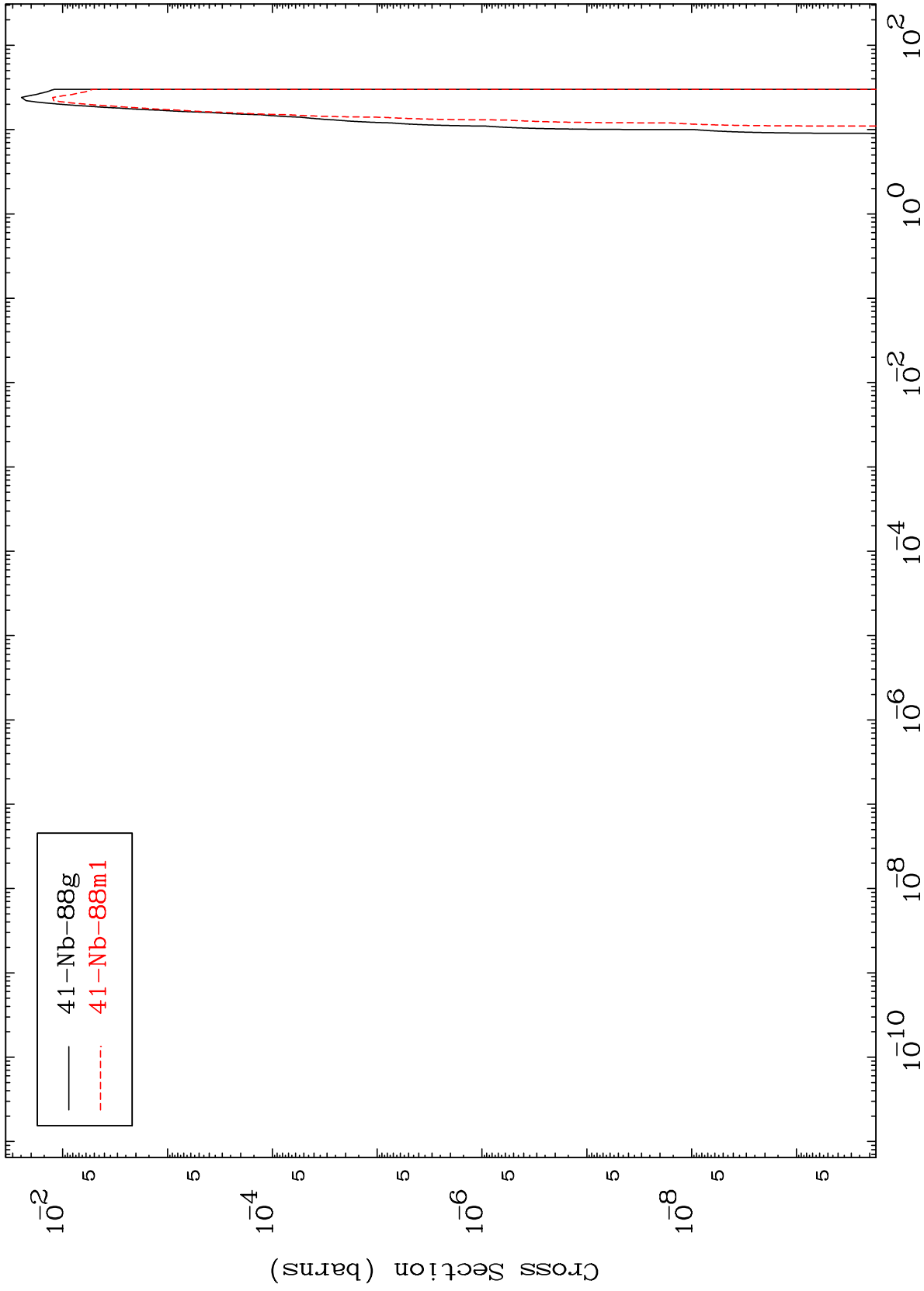
41-Nb-88

MAT 4111

( $\alpha, \alpha$ )

41-Nb-88

Radionuclide Production Cross Section



21

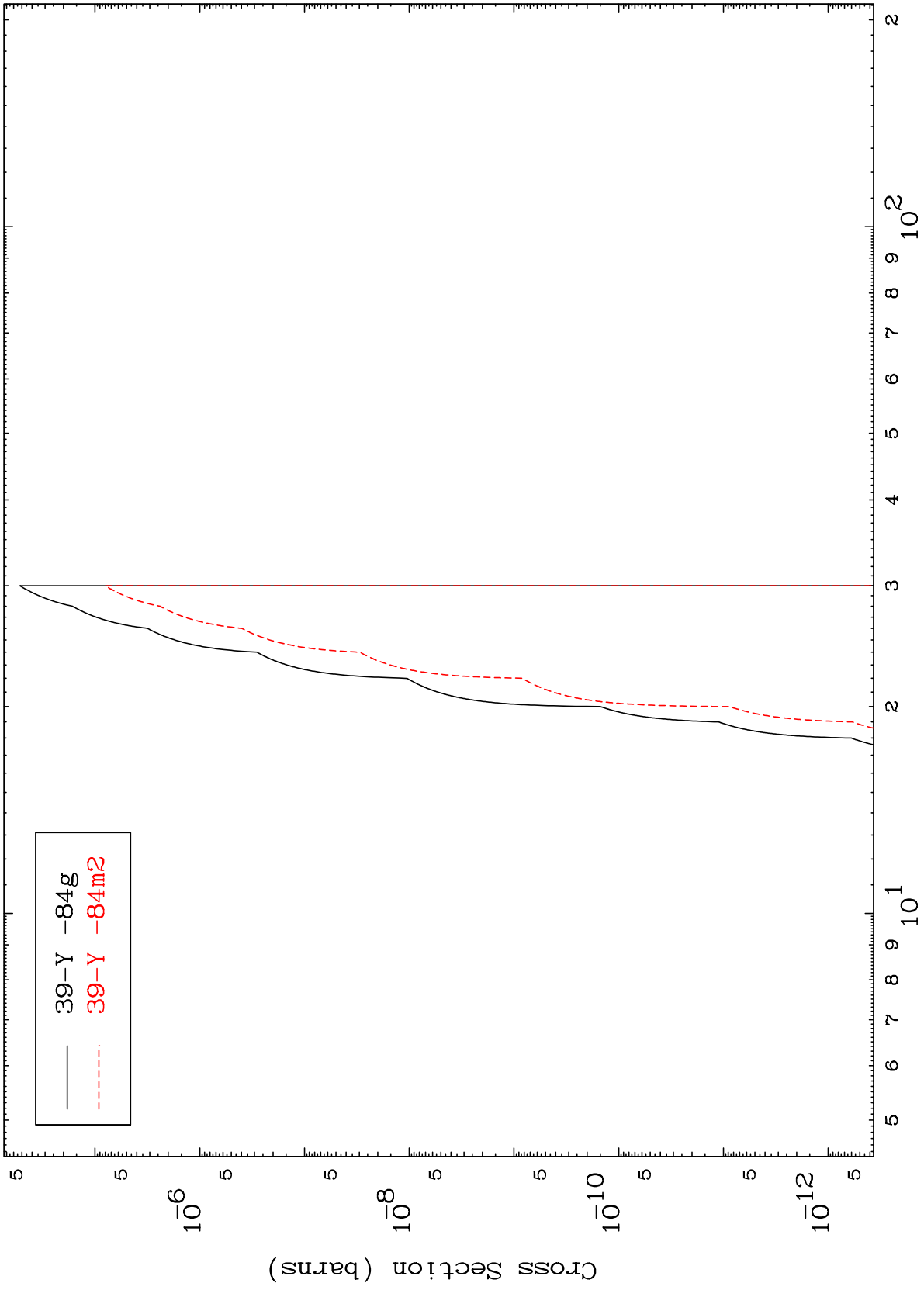
Incident Energy (MeV)

41-Nb-88

MAT 4111

41-Nb-88

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



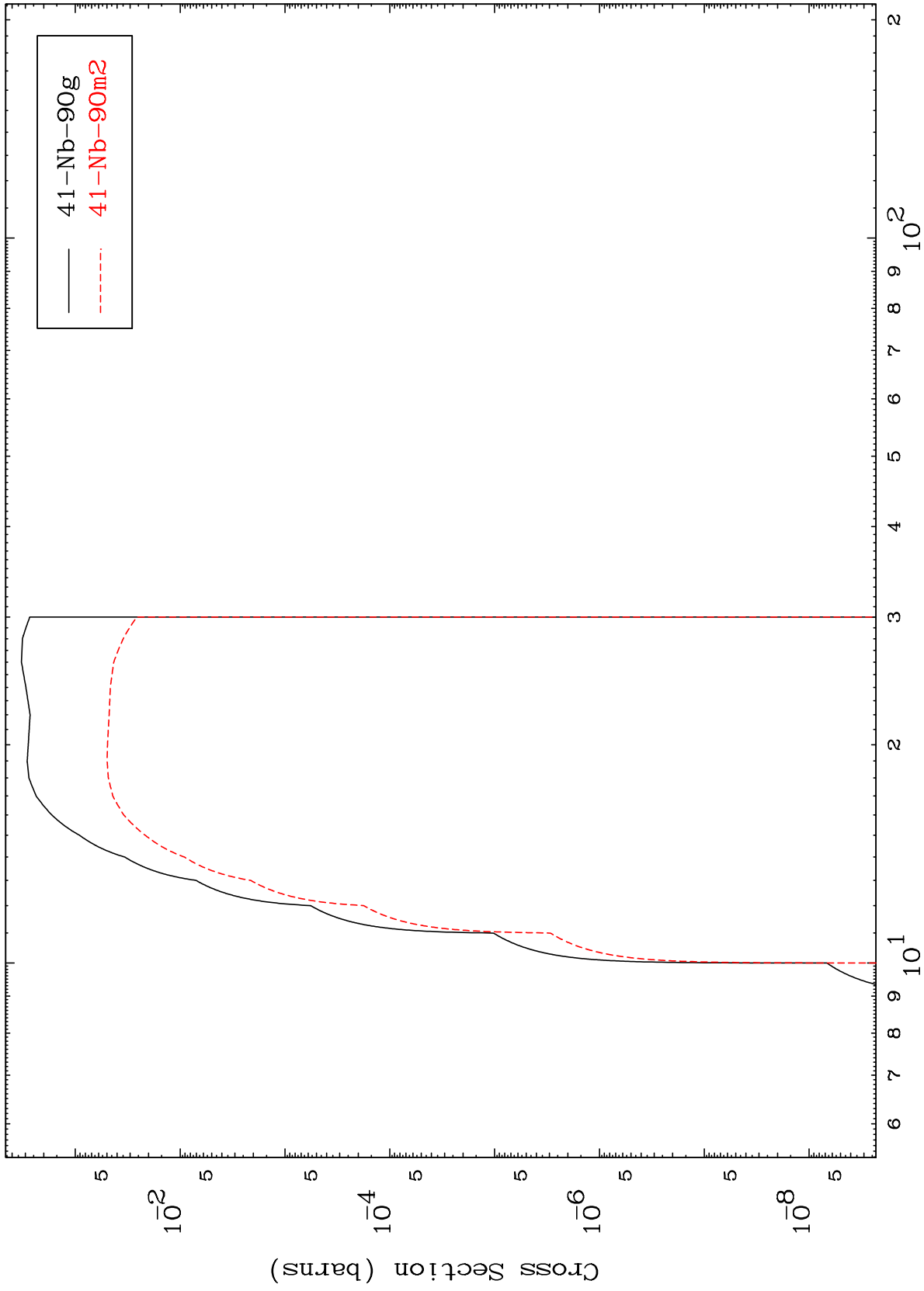
22

41-Nb-88

MAT 4111

41-Nb-88

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



23

41-Nb-88

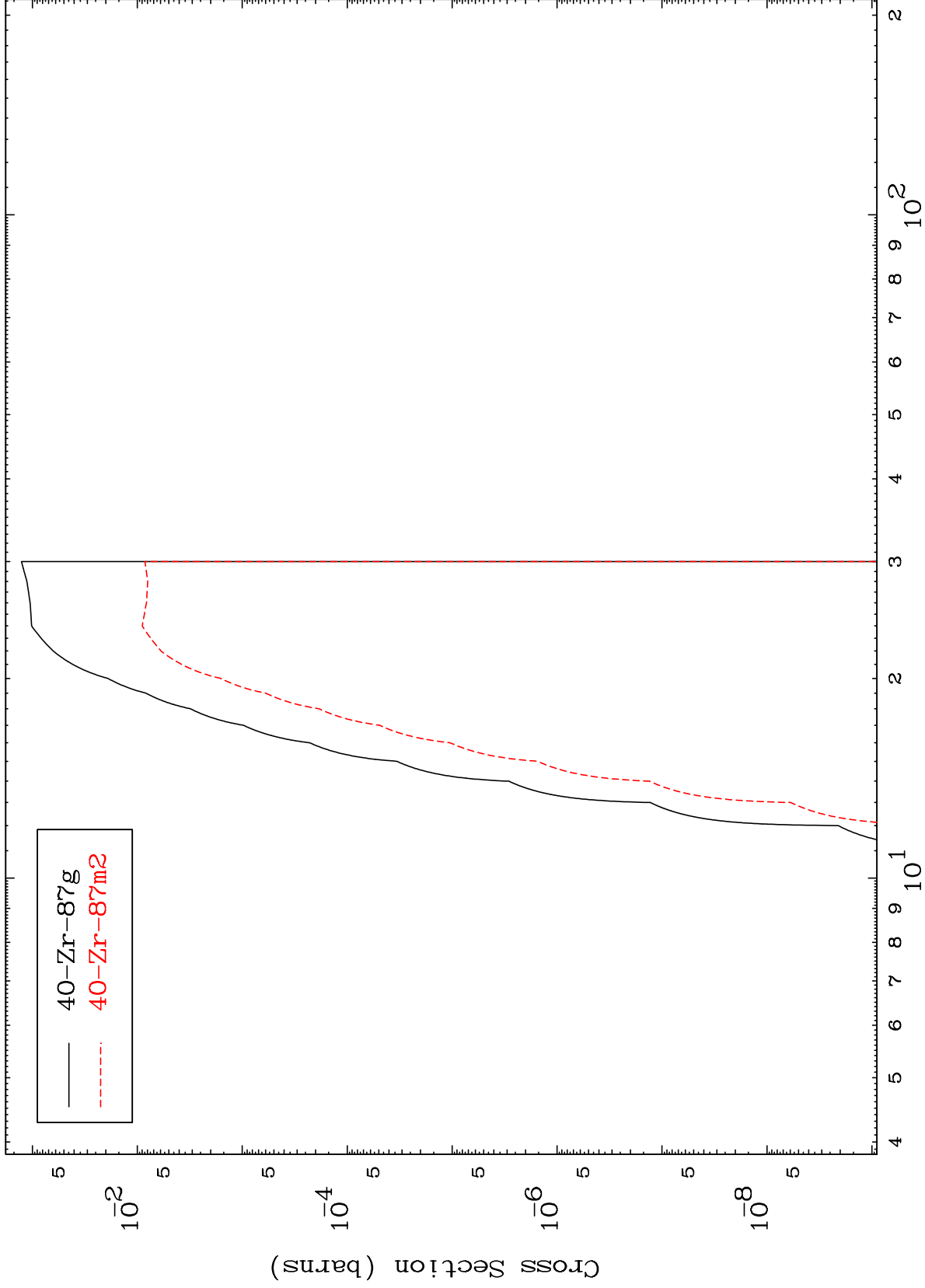


MAT 4111

( $\alpha, p$ )  $\alpha$

41-Nb-88

Radionuclide Production Cross Section



24

Incident Energy (MeV)

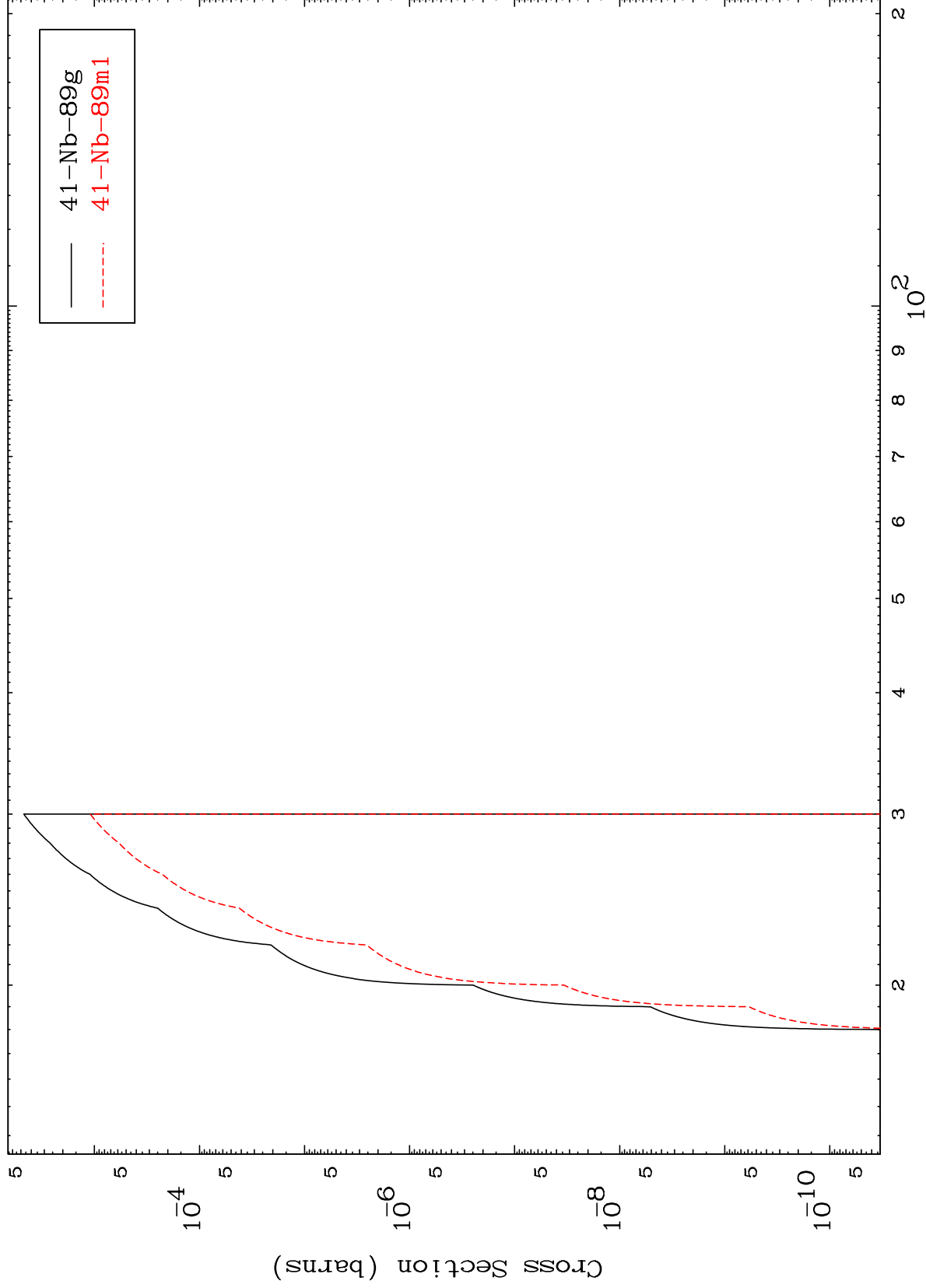
41-Nb-88

MAT 4111

( $\alpha, p$ ) d

41-Nb-88

Radionuclide Production Cross Section



25

Incident Energy (MeV)

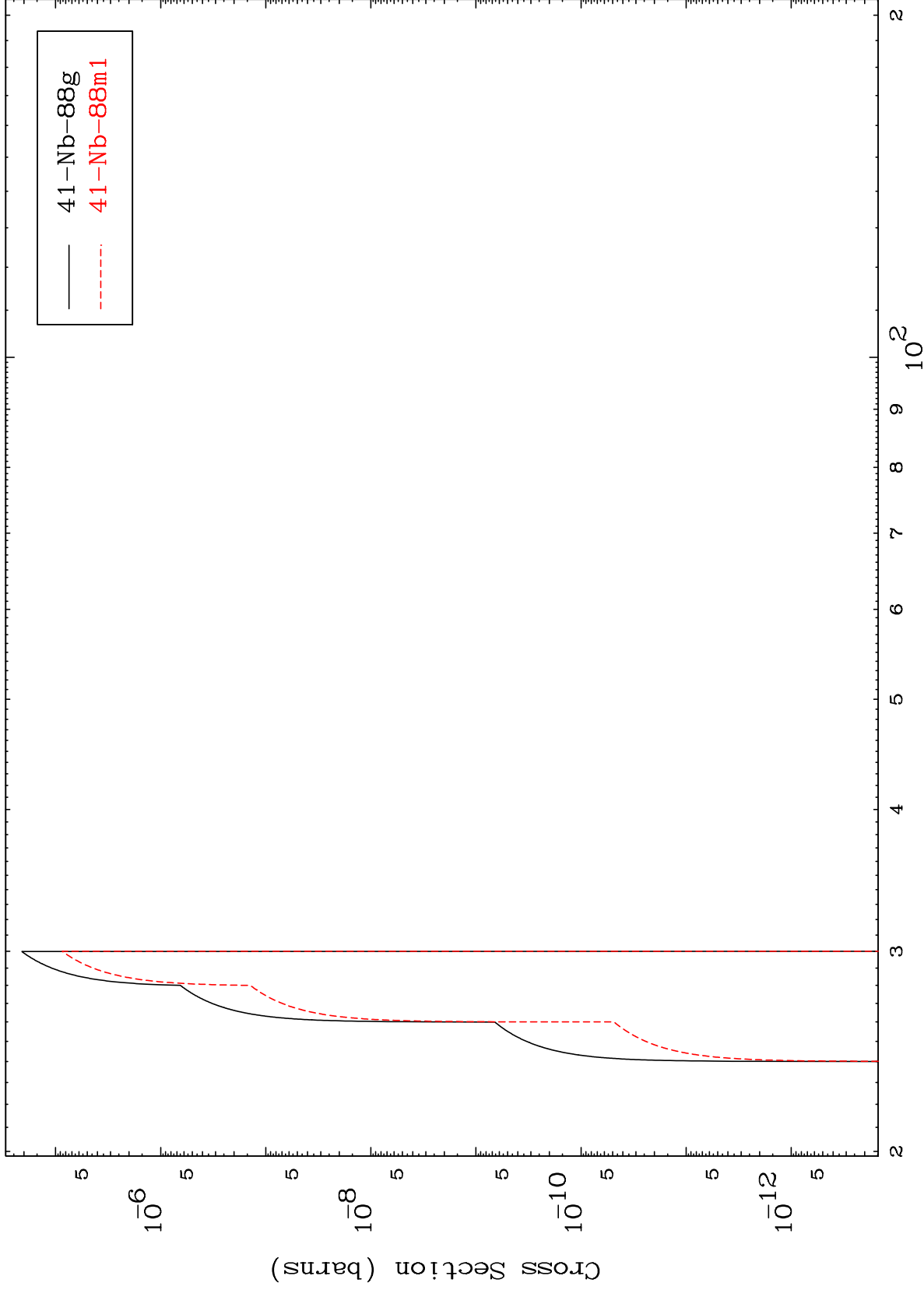
41-Nb-88

MAT 4111

( $\alpha, p$ ) t

41-Nb-88

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-88