

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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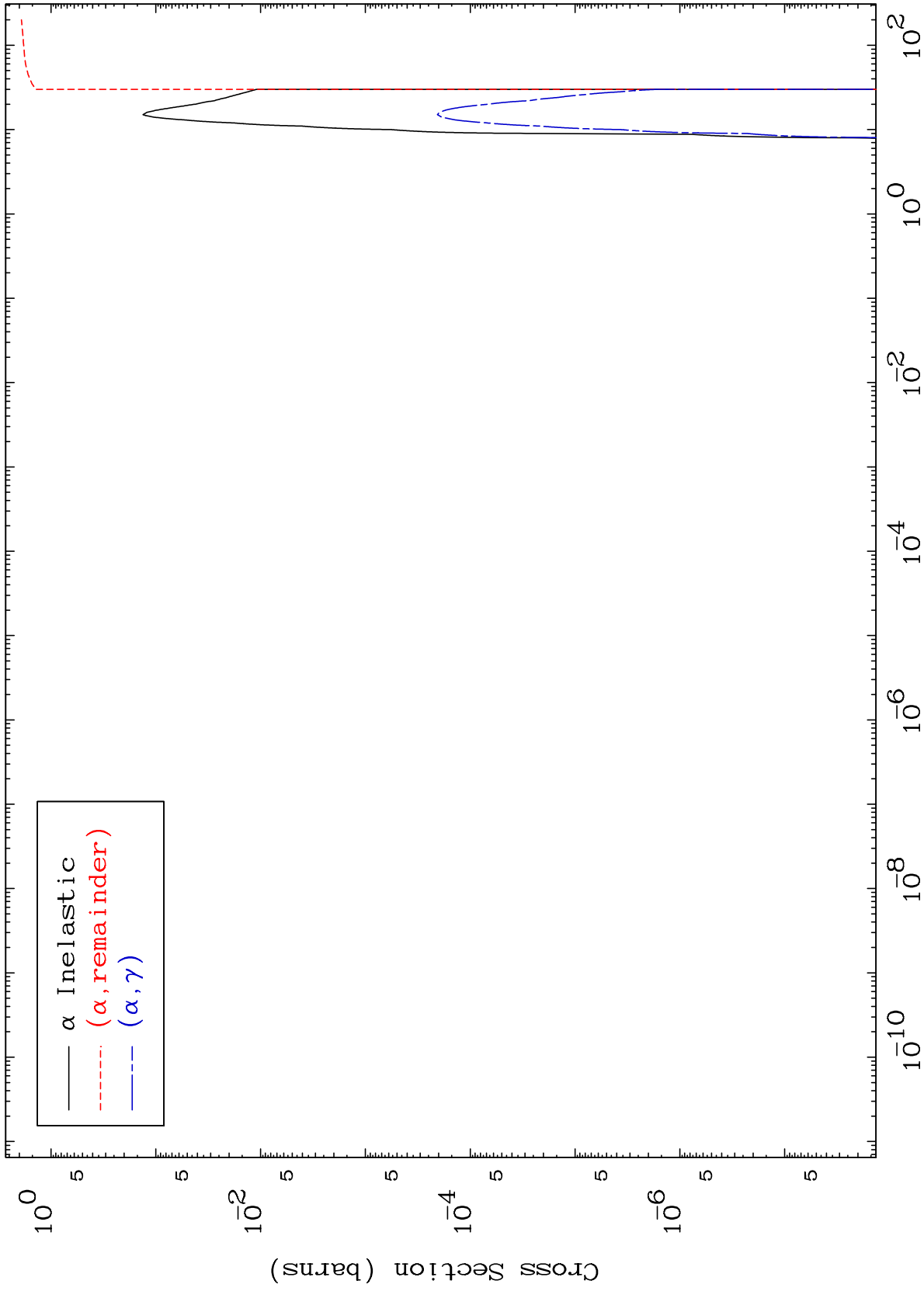
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4114

0 Kelvin  $\alpha$  Major  
Cross Sections

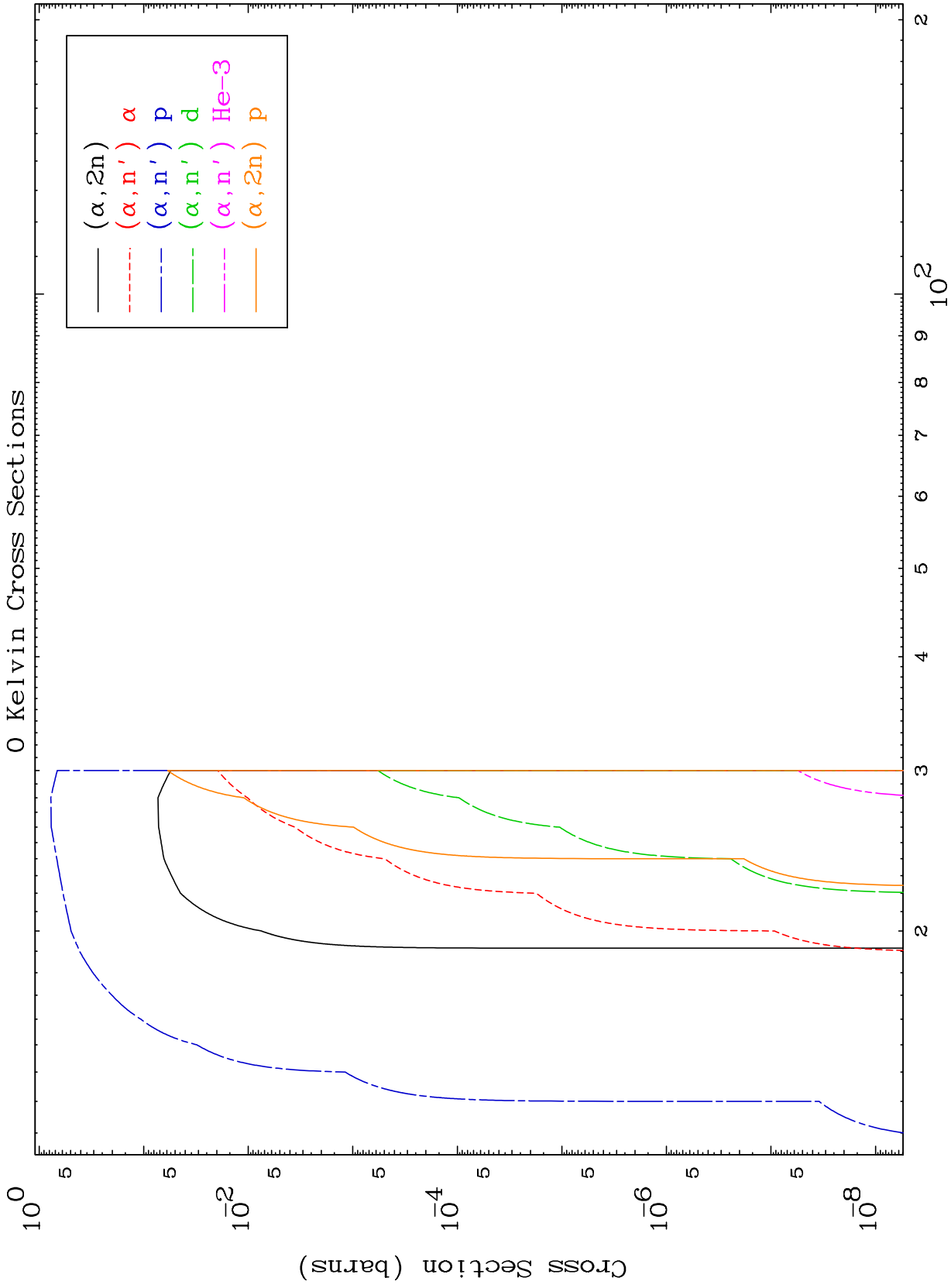
41-Nb-89



MAT 4114

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

41-Nb-89



2

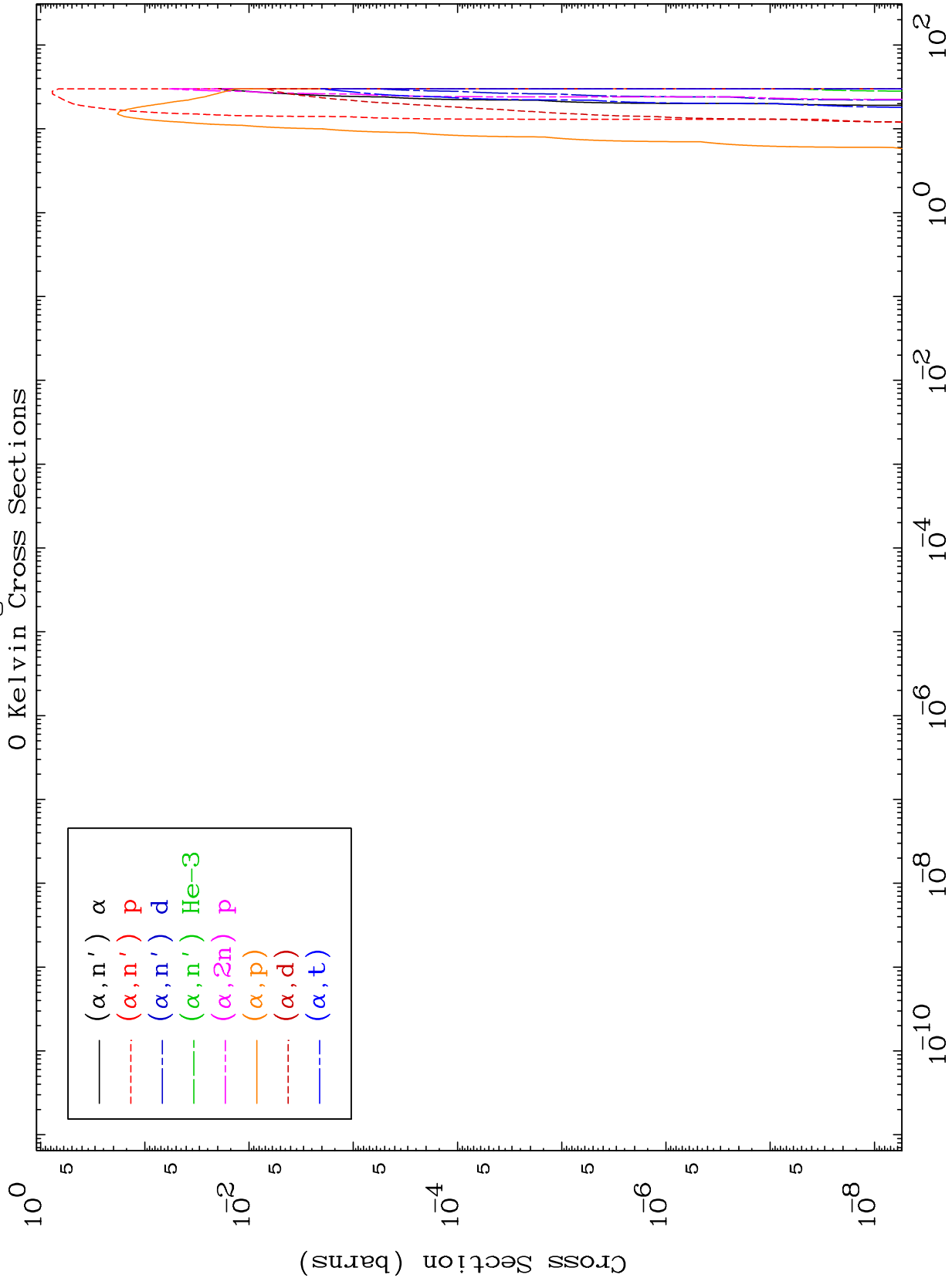
Incident Energy (MeV)

41-Nb-89

MAT 4114

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

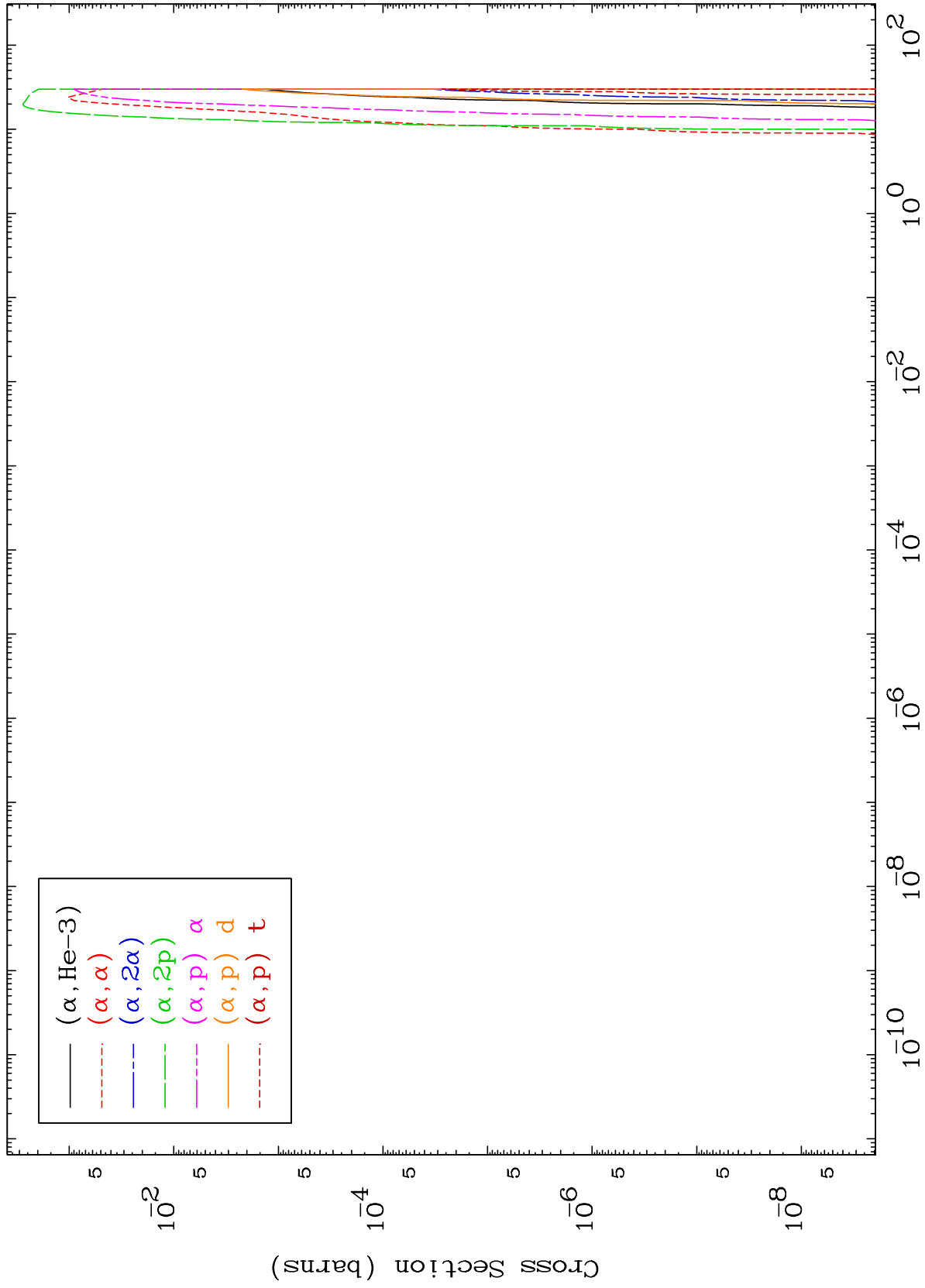
41-Nb-89



MAT 4114

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

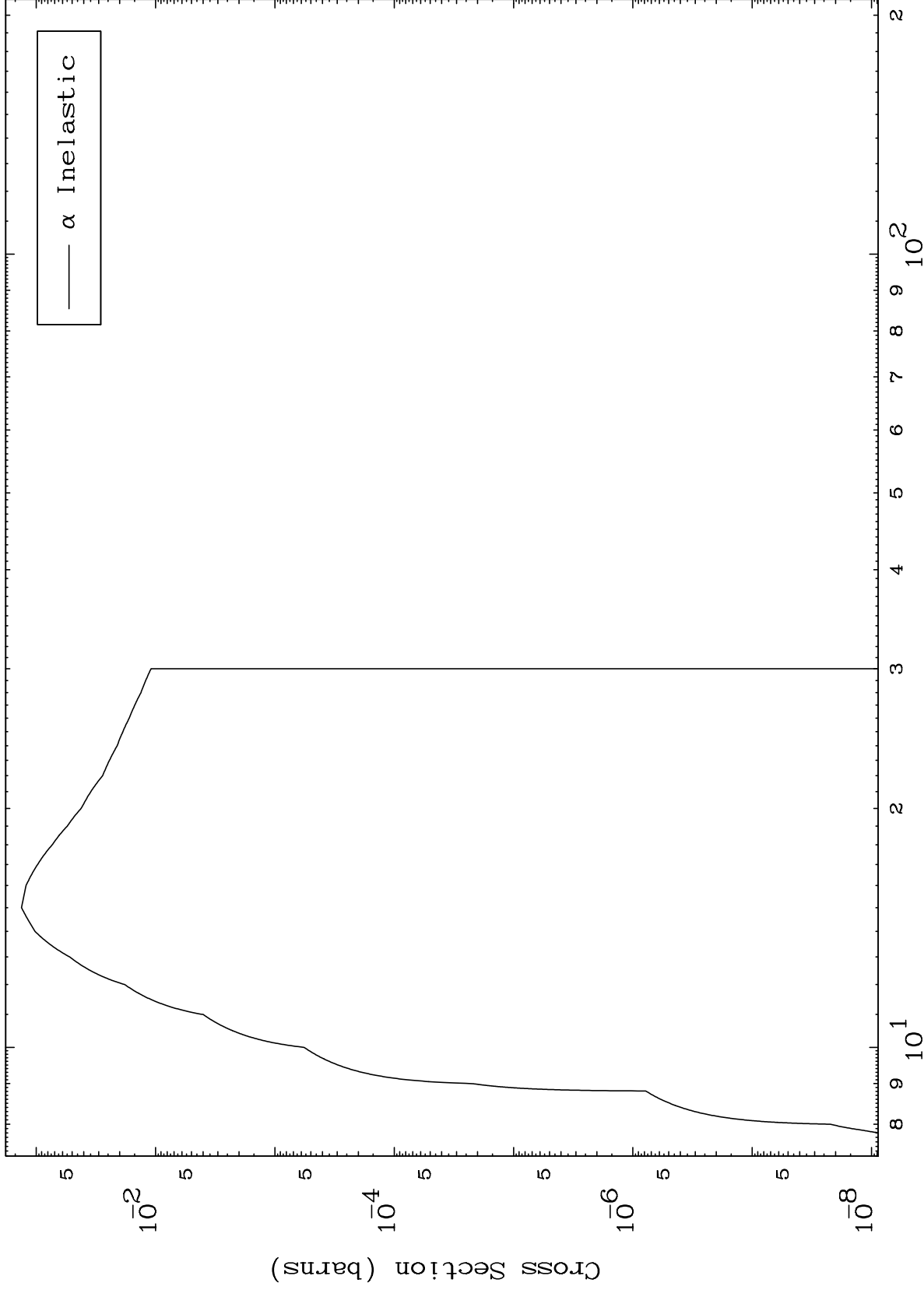
41-Nb-89



MAT 4114

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

41-Nb-89



5

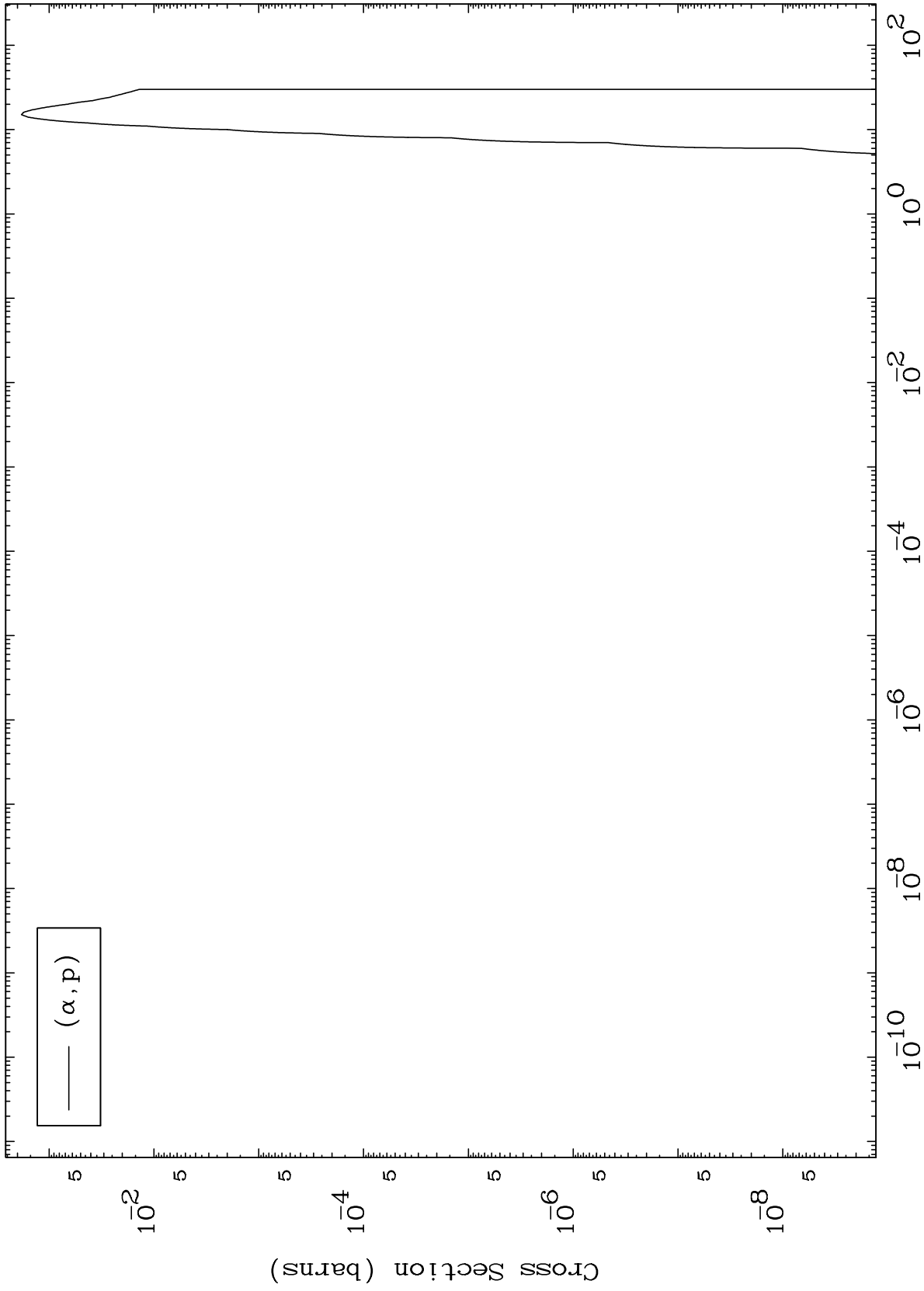
Incident Energy (MeV)

41-Nb-89

MAT 4114

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

41-Nb-89



6

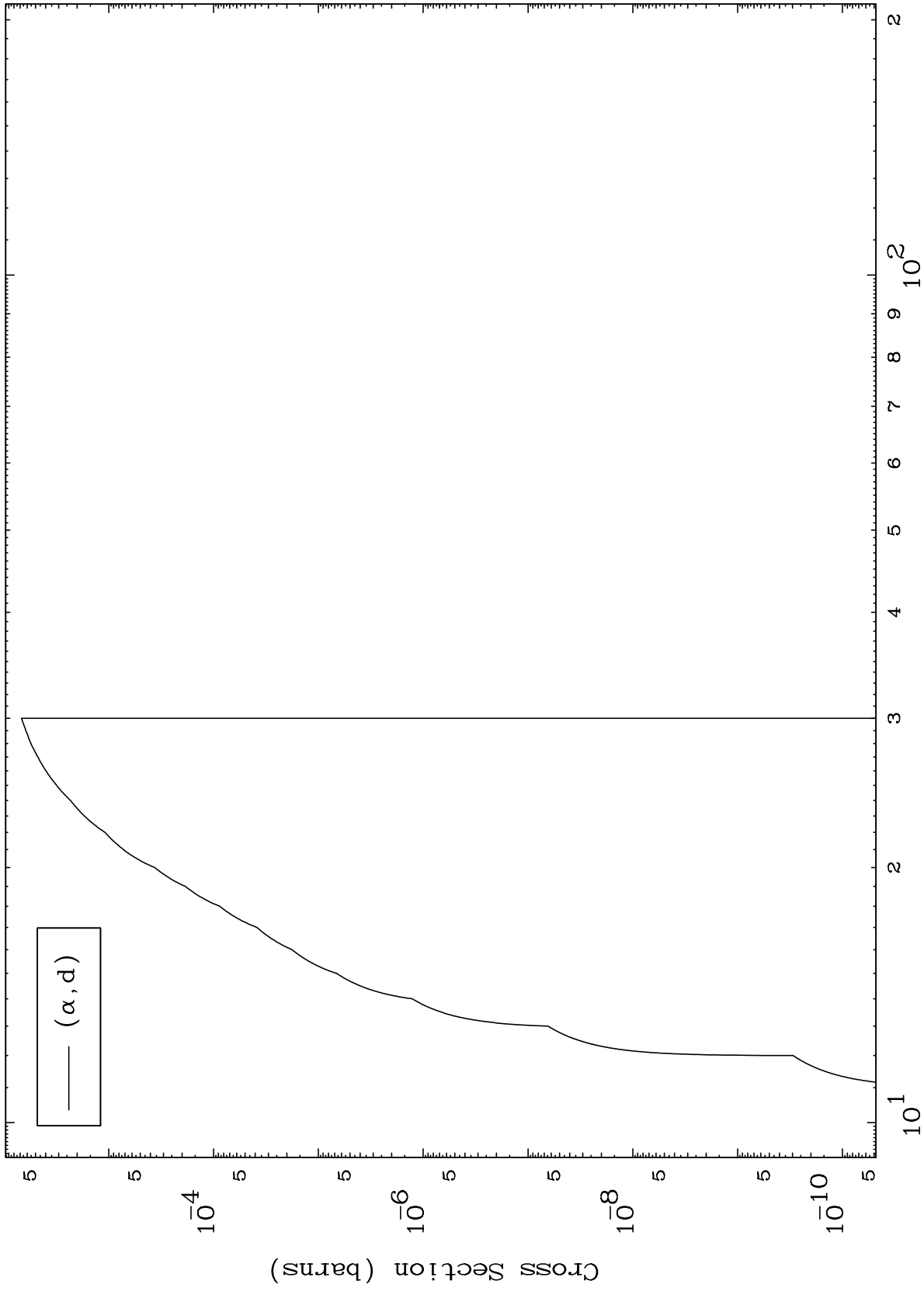
Incident Energy (MeV)

41-Nb-89

MAT 4114

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

41-Nb-89



7

Incident Energy (MeV)

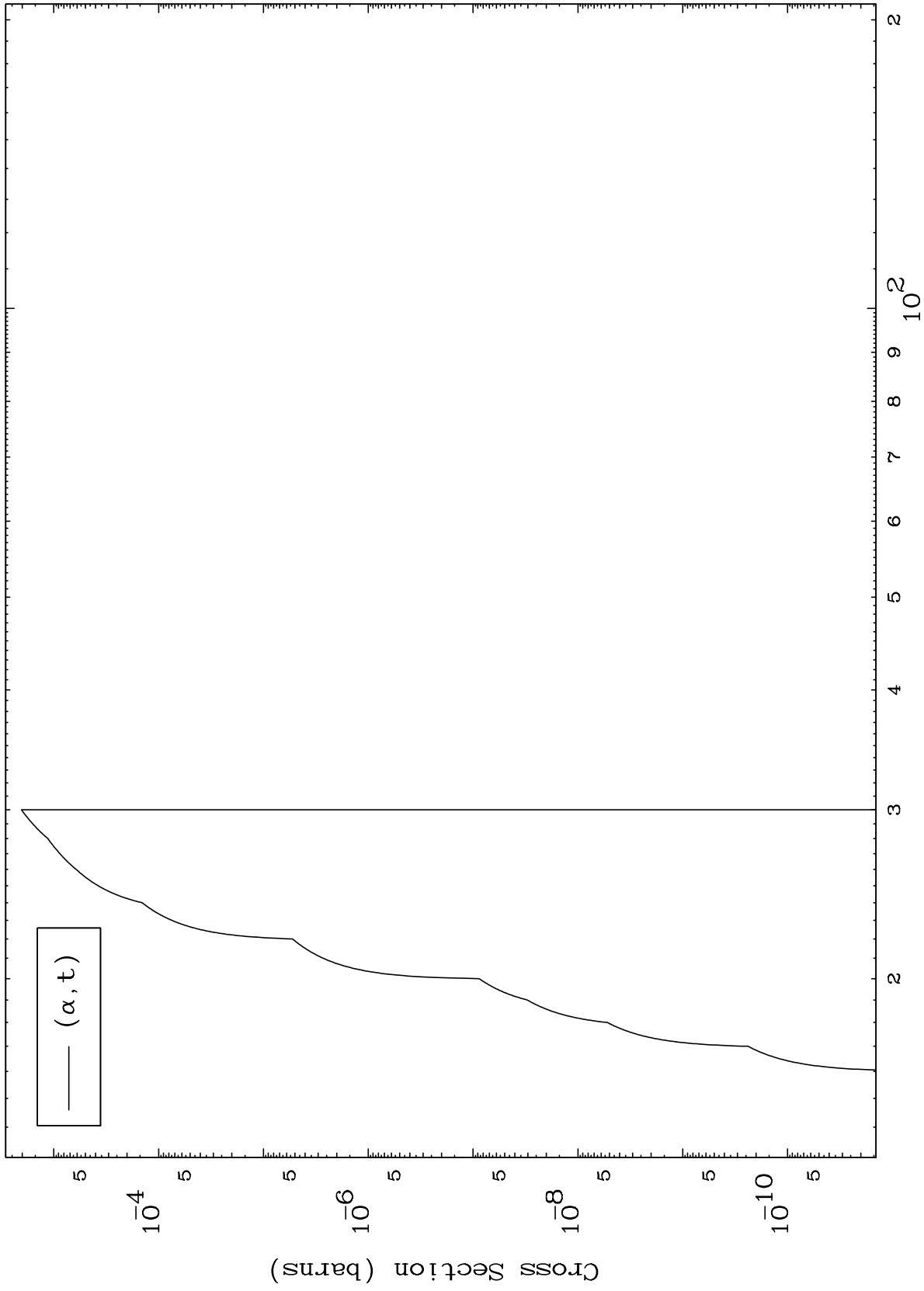
41-Nb-89

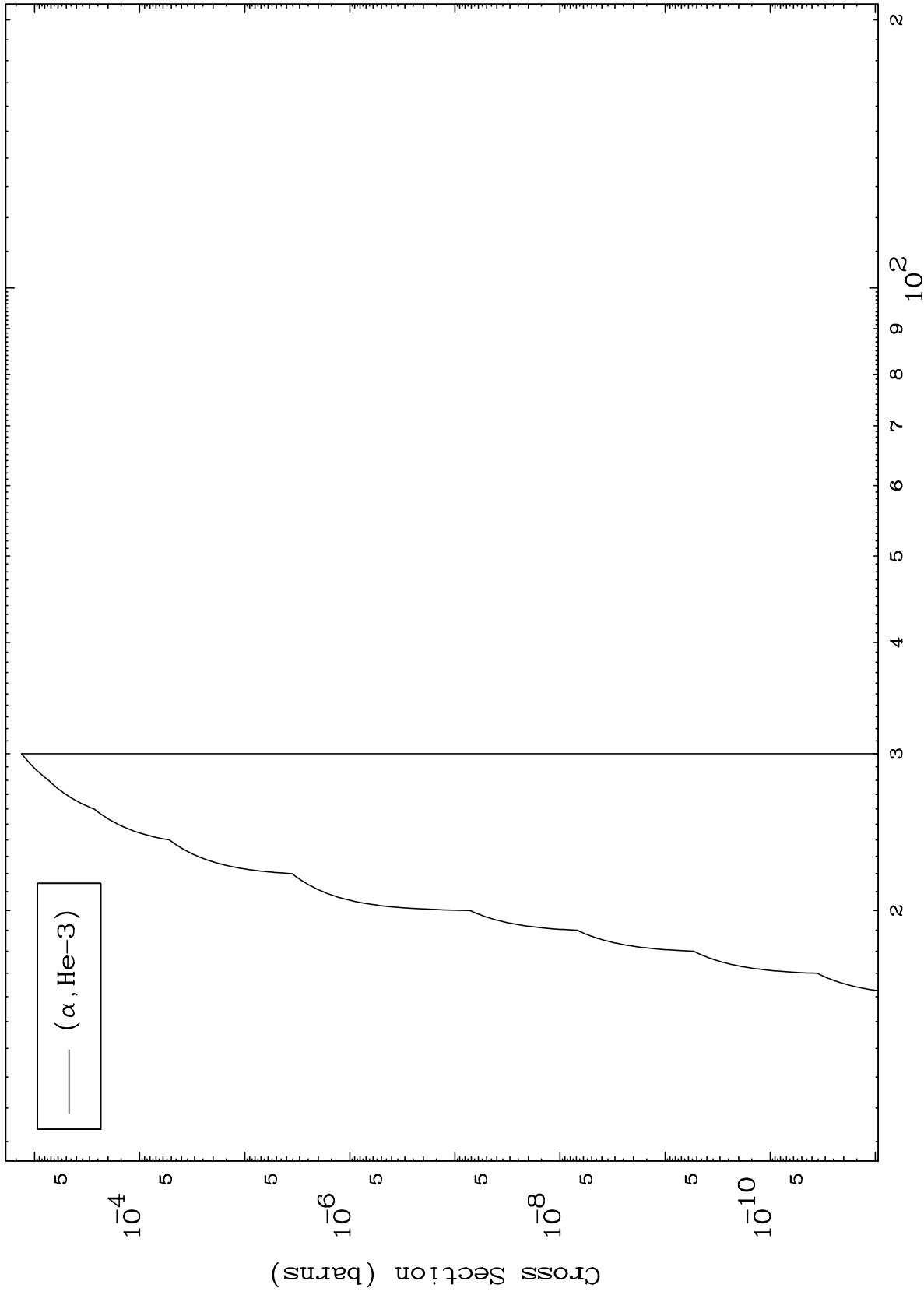


MAT 4114

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

41-Nb-89

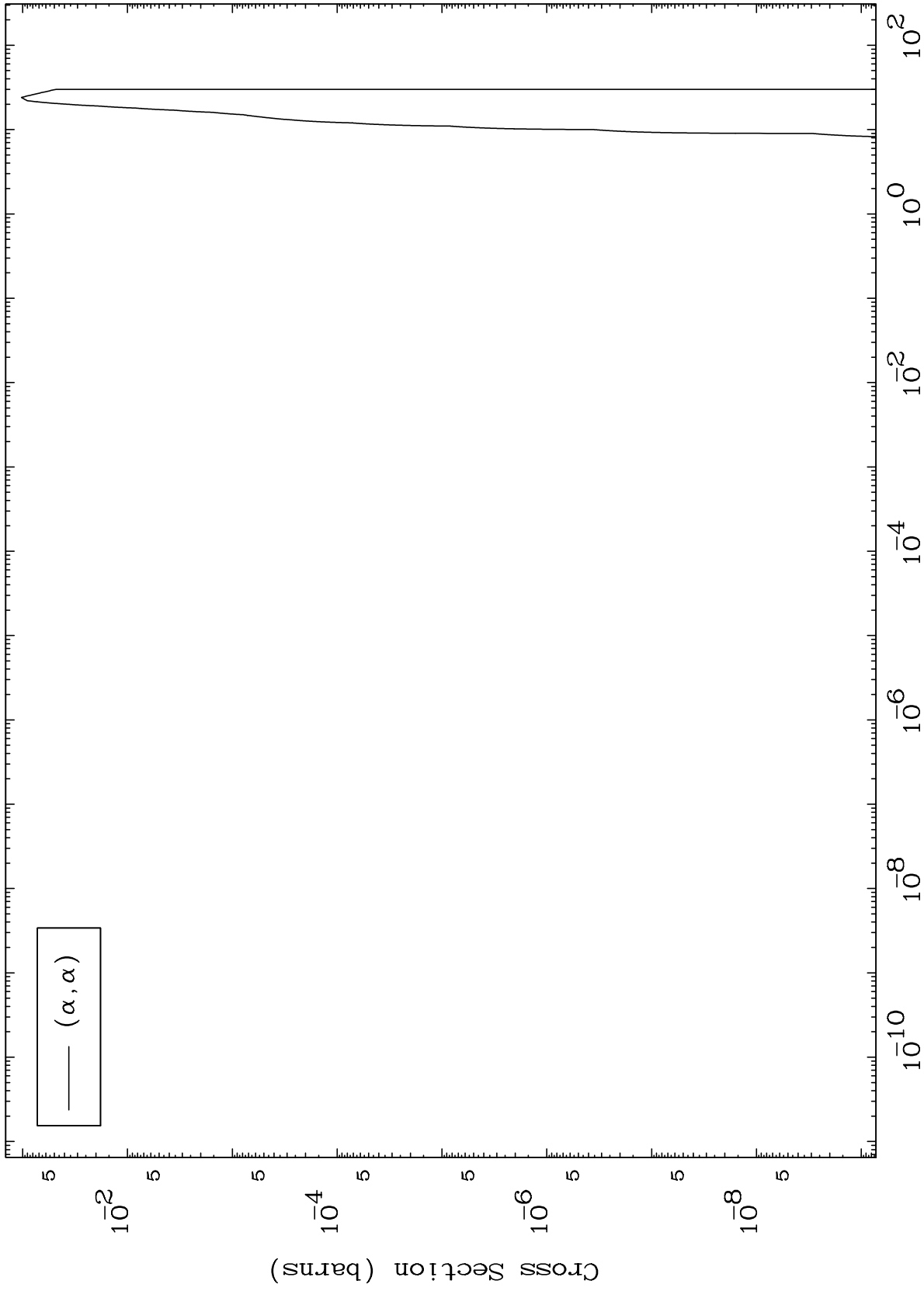




MAT 4114

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

41-Nb-89



10

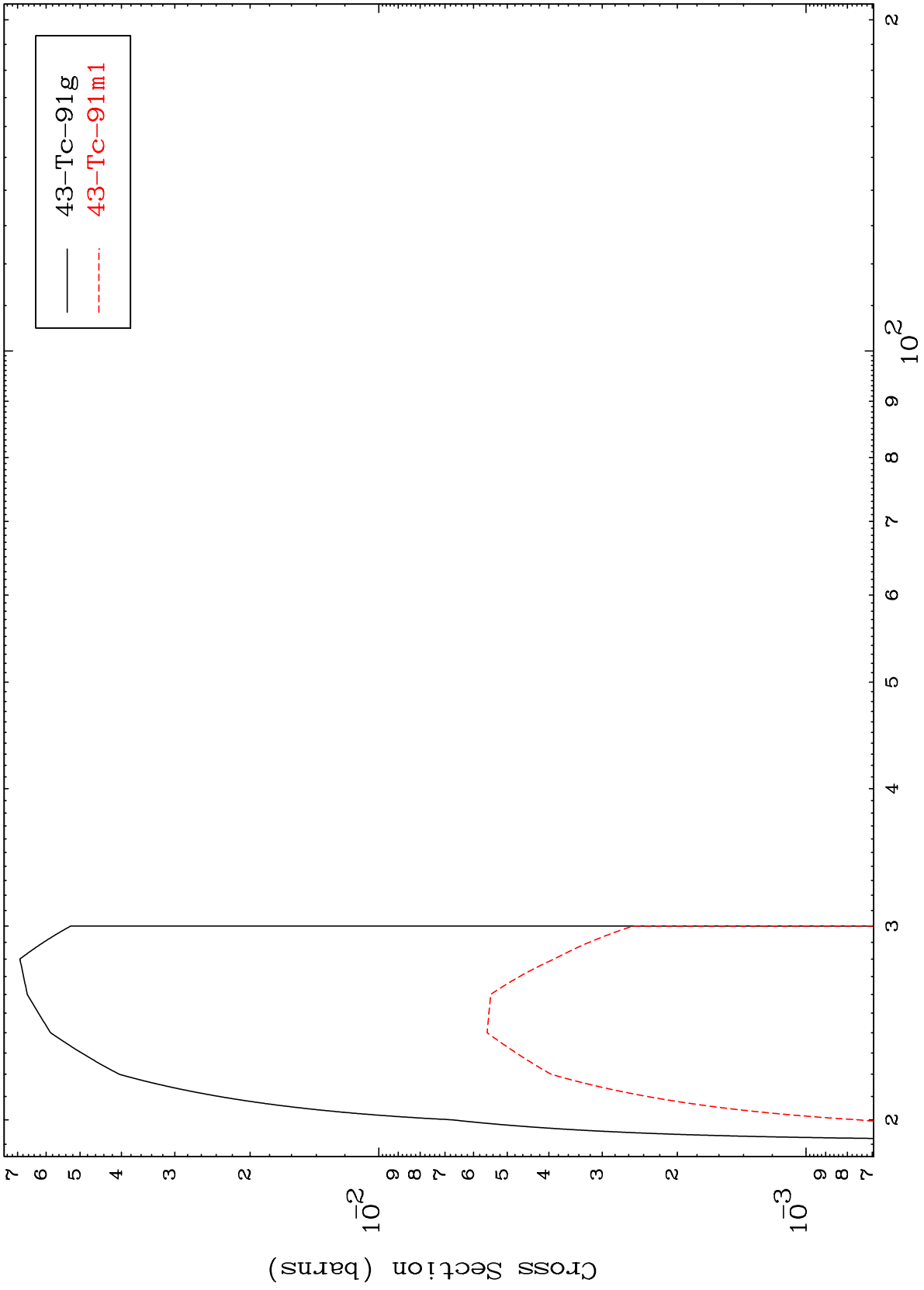
Incident Energy (MeV)

41-Nb-89

MAT 4114

41-Nb-89

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



11

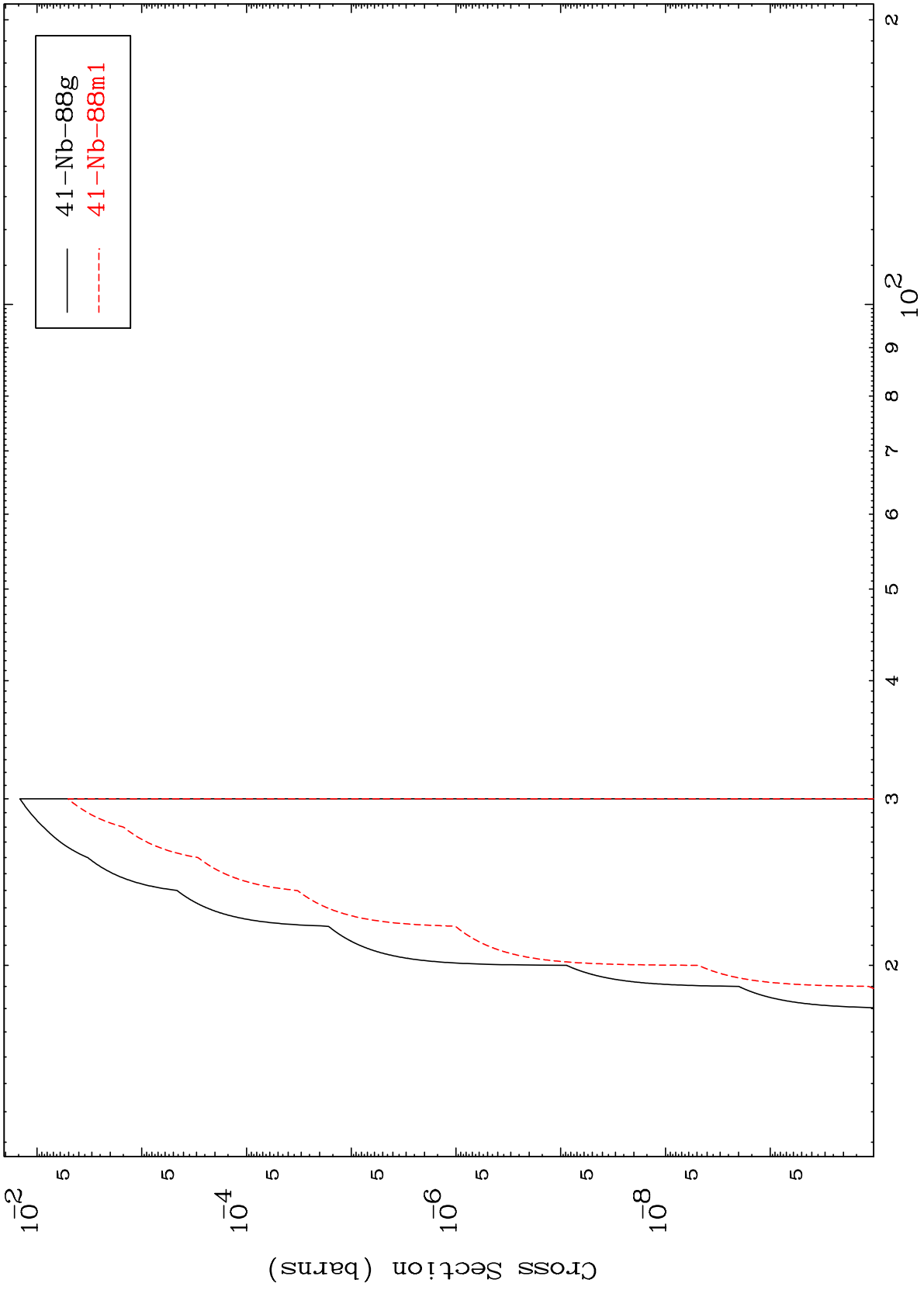
41-Nb-89

MAT 4114

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

41-Nb-89

Radionuclide Production Cross Section



12

Incident Energy (MeV)

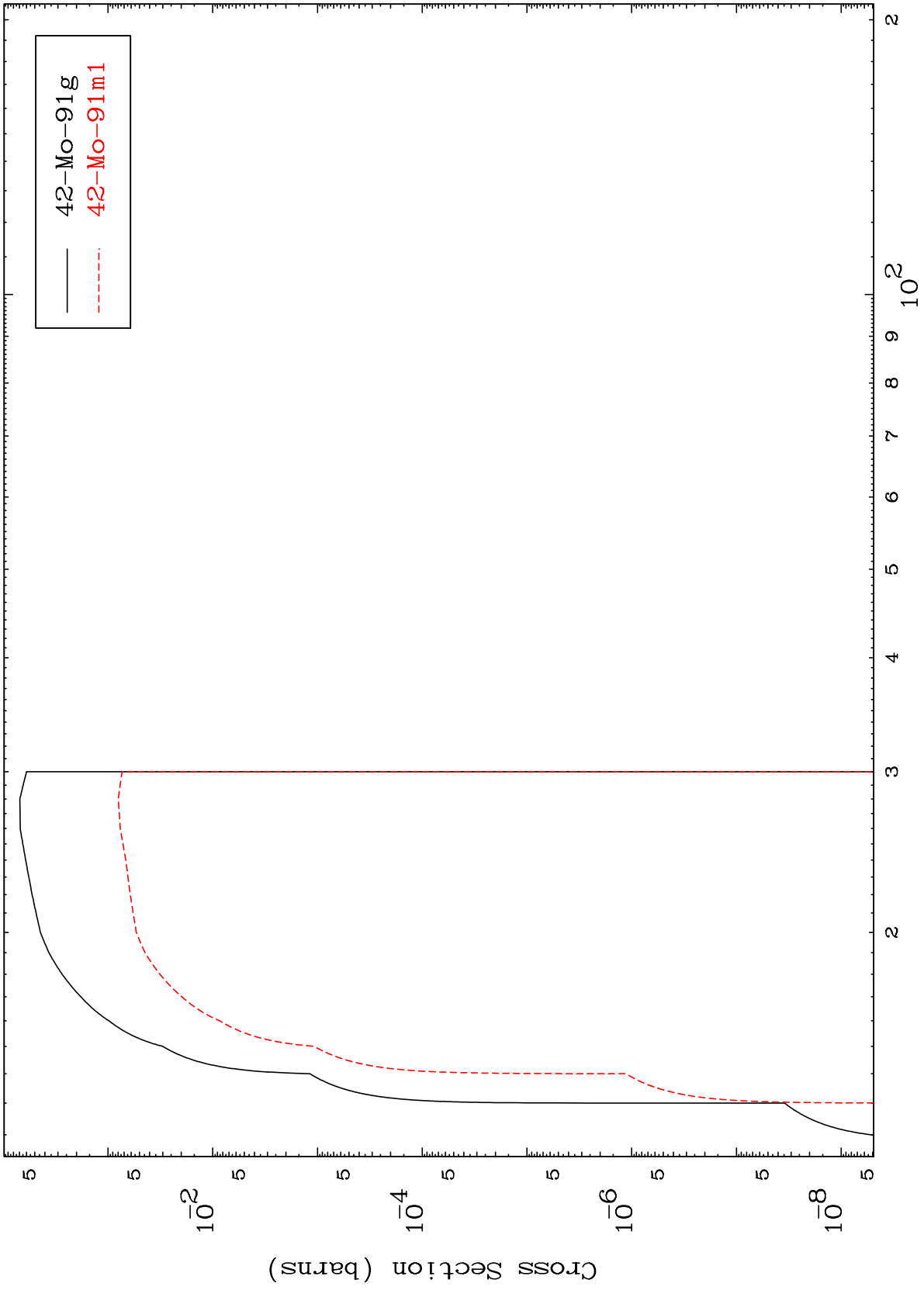
41-Nb-89

MAT 4114

( $\alpha, n'$ ) p

41-Nb-89

Radionuclide Production Cross Section



13

Incident Energy (MeV)

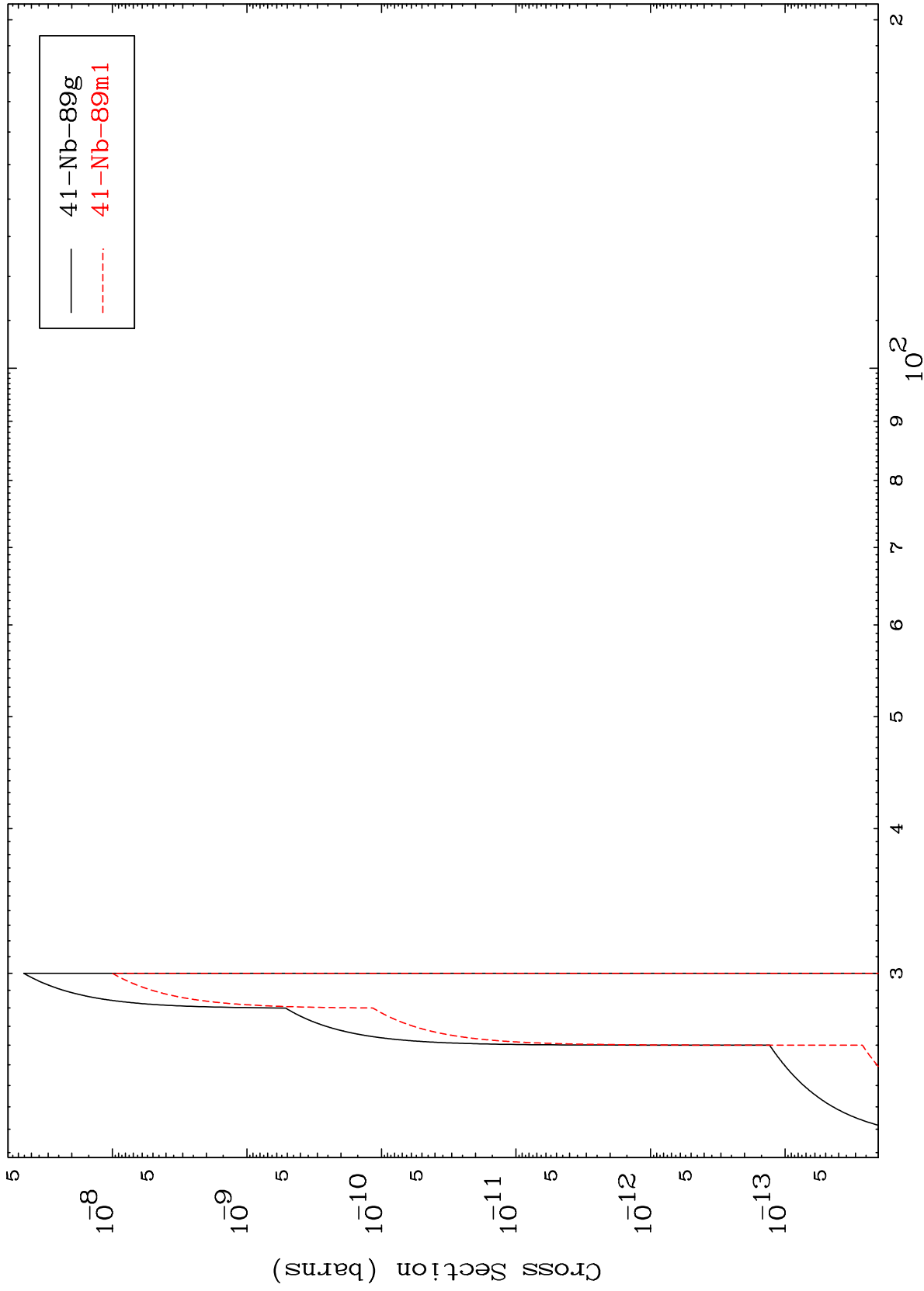
41-Nb-89

MAT 4114

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

41-Nb-89

Radionuclide Production Cross Section



14

Incident Energy (MeV)

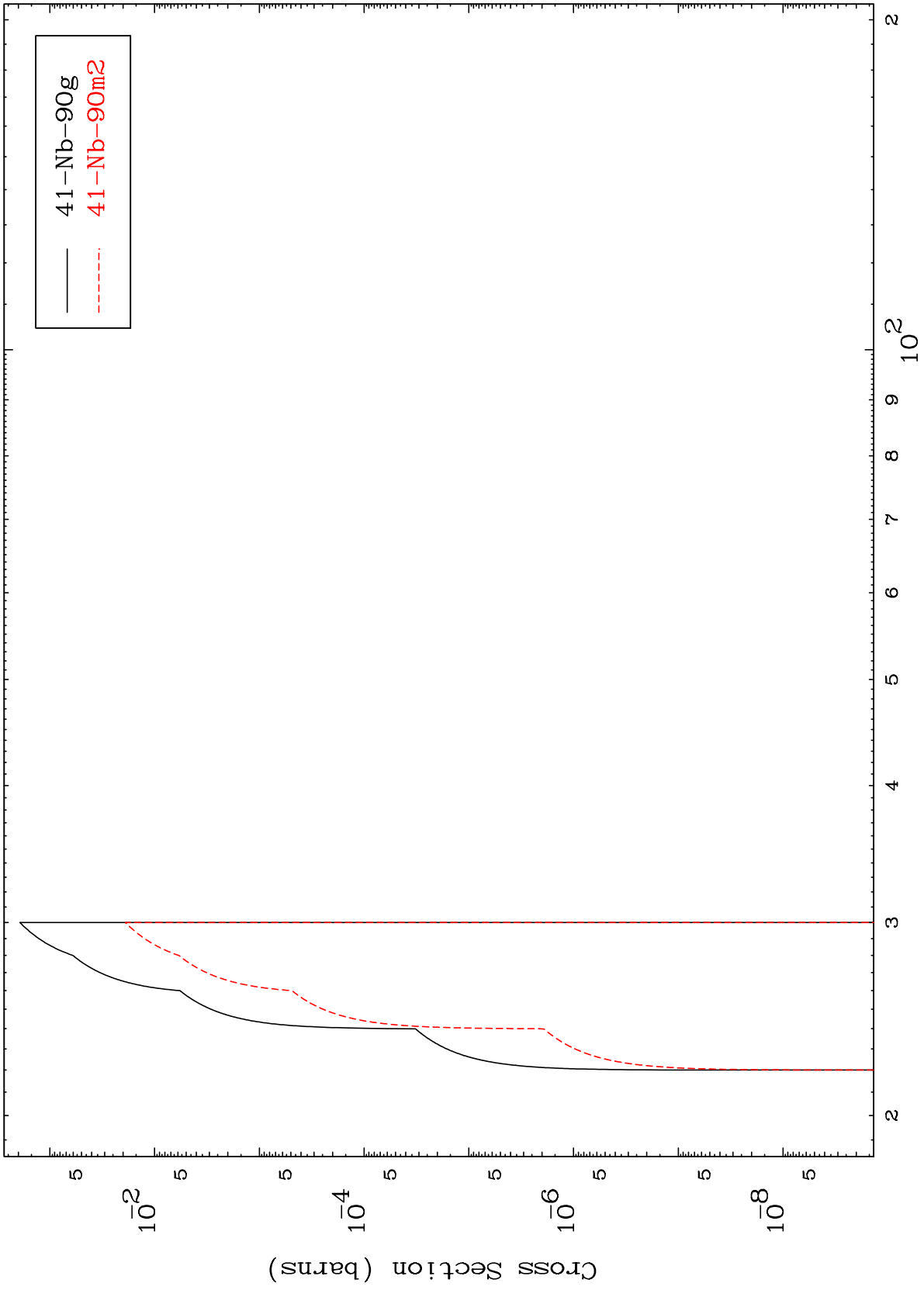
41-Nb-89

MAT 4114

( $\alpha, 2n$ ) p

41-Nb-89

Radionuclide Production Cross Section



15

Incident Energy (MeV)

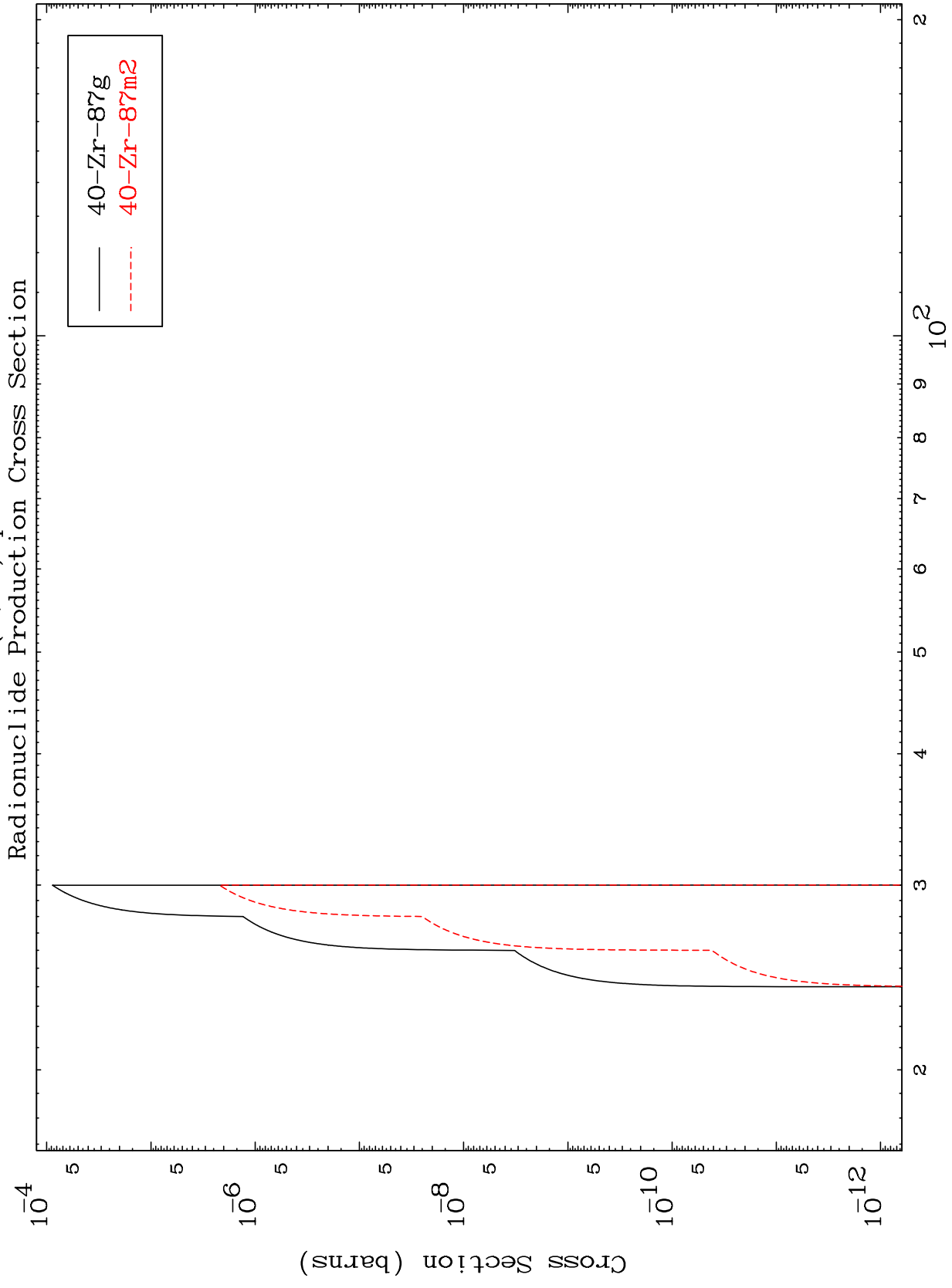
41-Nb-89



MAT 4114

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

41-Nb-89



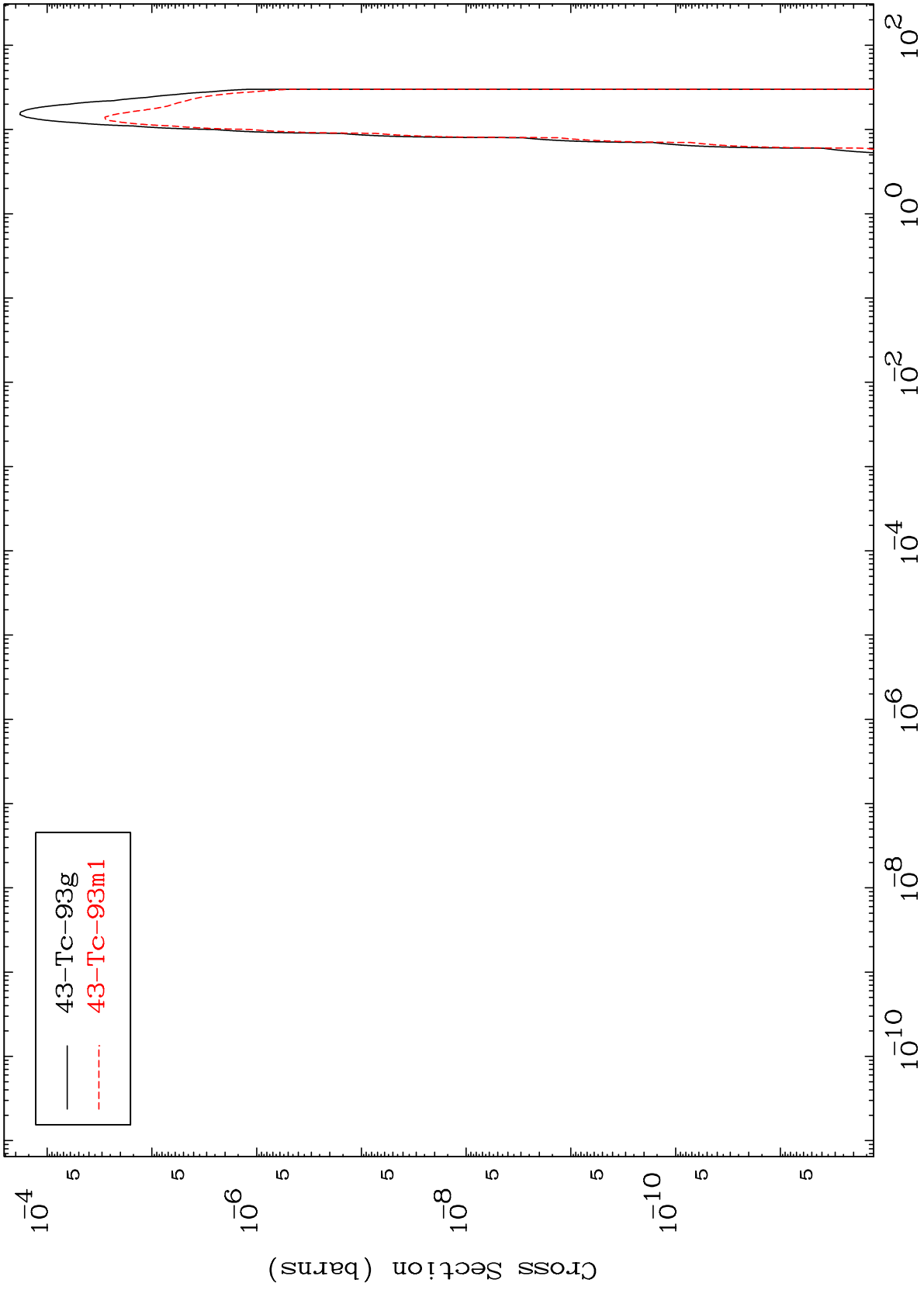
16

41-Nb-89

MAT 4114

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

41-Nb-89



17

Incident Energy (MeV)

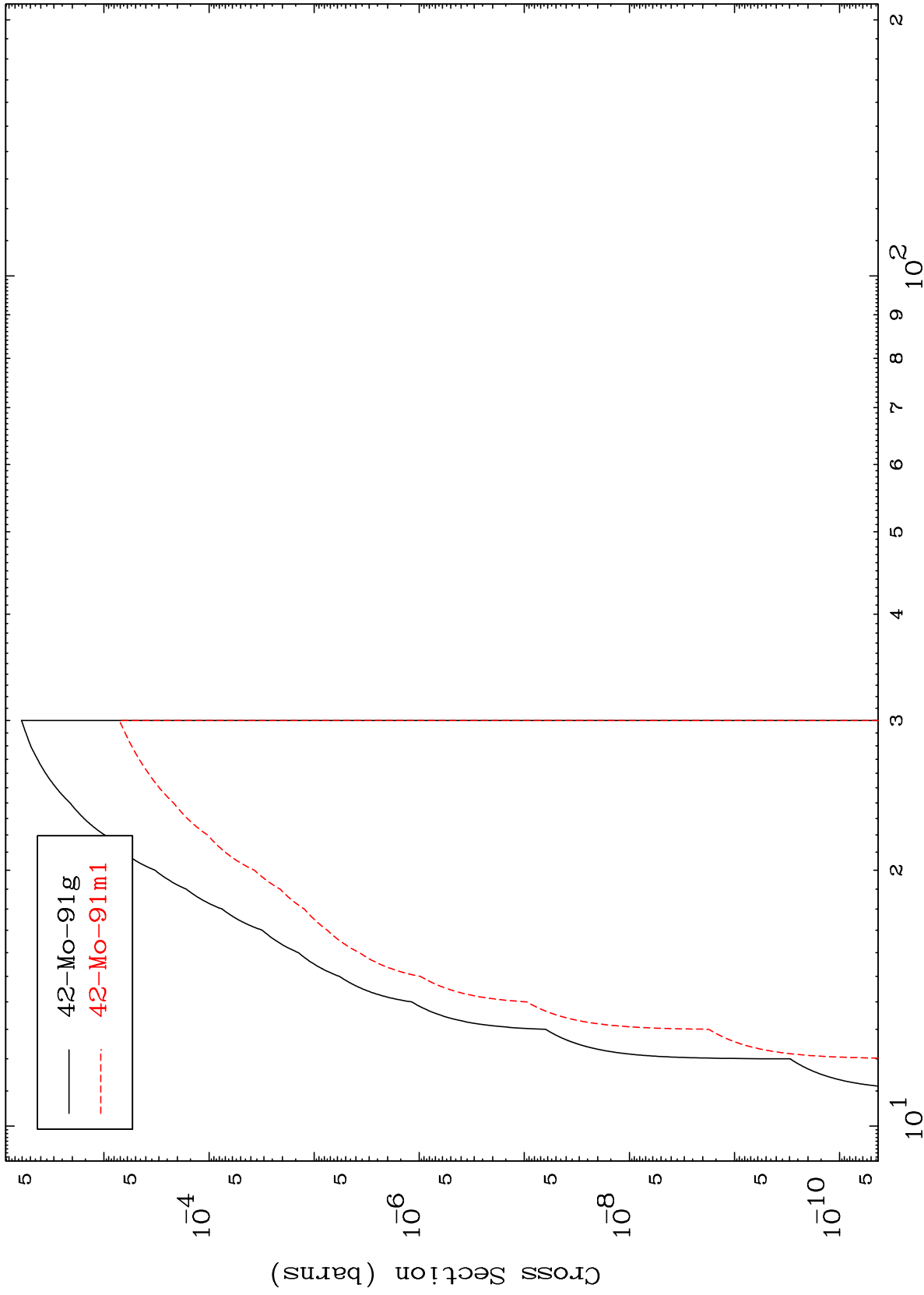
41-Nb-89

MAT 4114

( $\alpha, d$ )

41-Nb-89

Radionuclide Production Cross Section



18

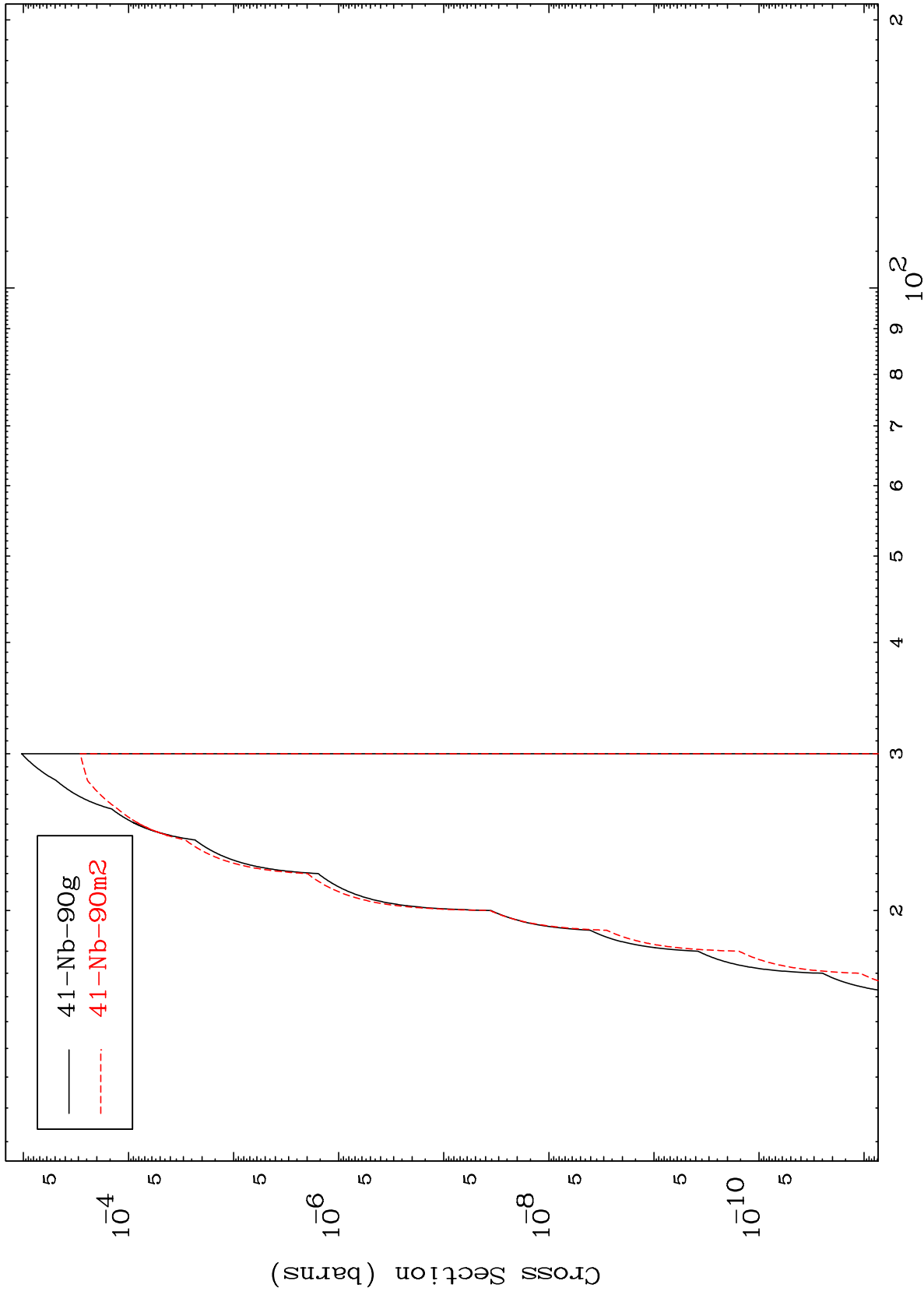
Incident Energy (MeV)

41-Nb-89

MAT 4114

41-Nb-89

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



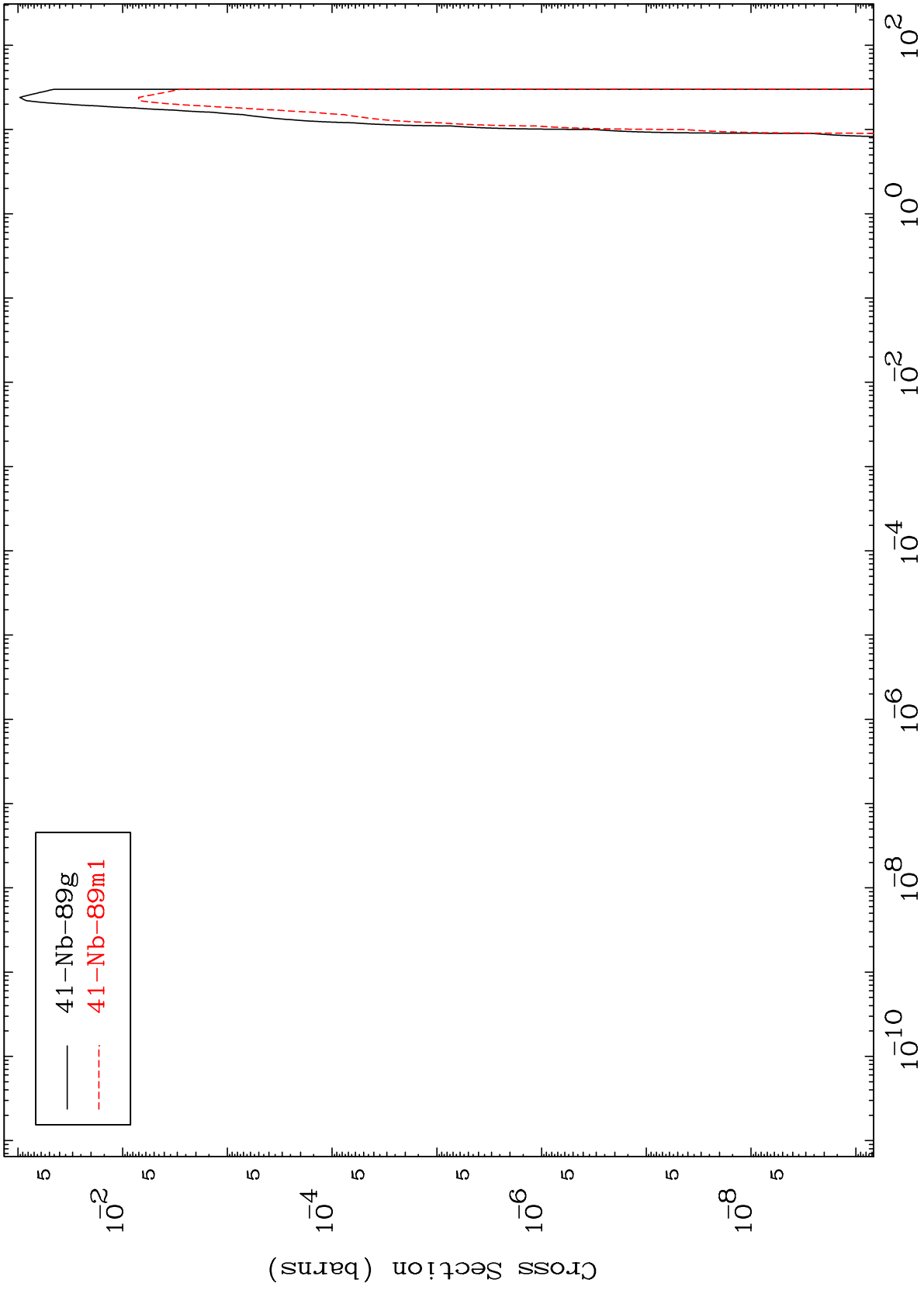
19

41-Nb-89

MAT 4114

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

41-Nb-89



20

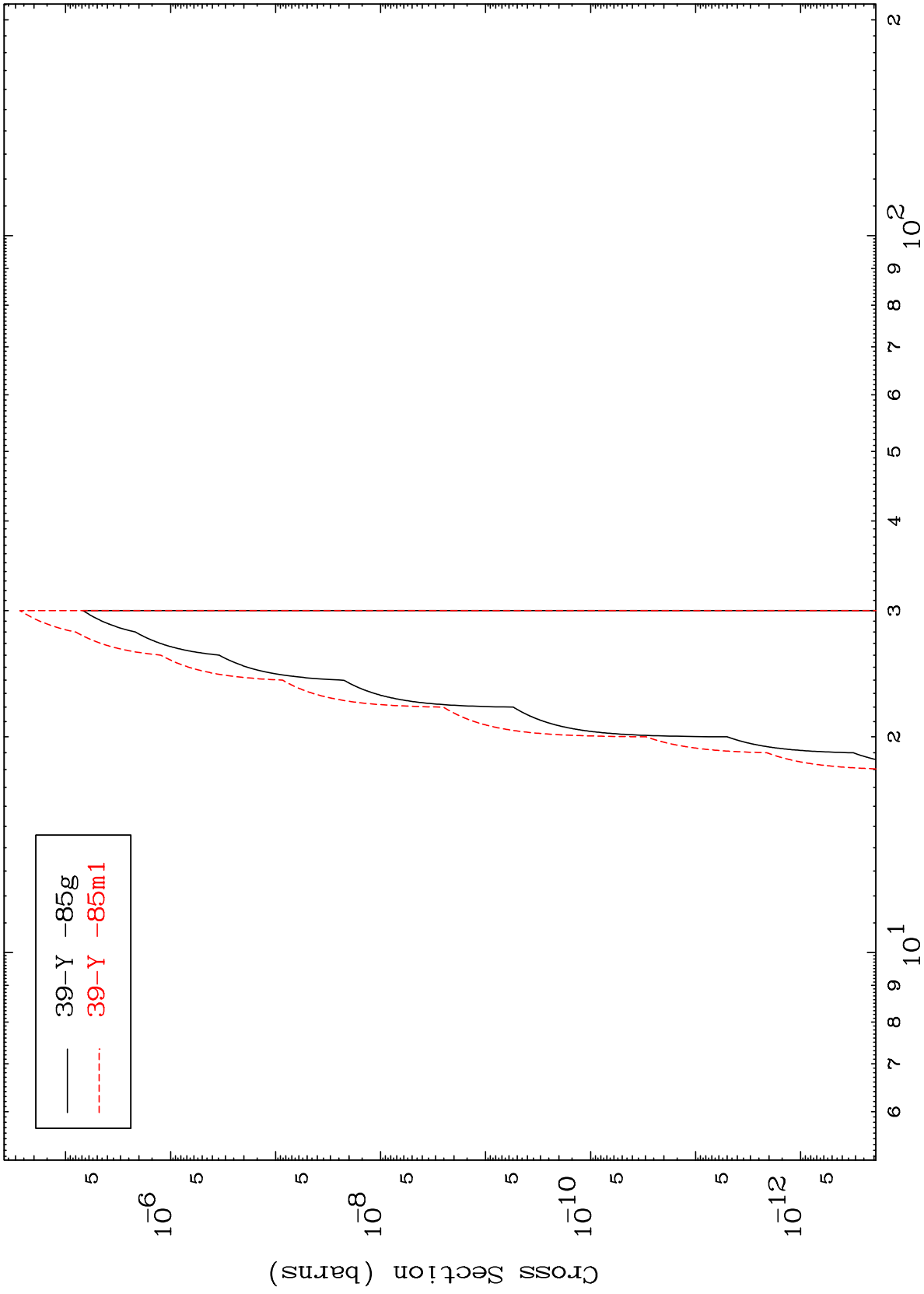
Incident Energy (MeV)

41-Nb-89

MAT 4114

41-Nb-89

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



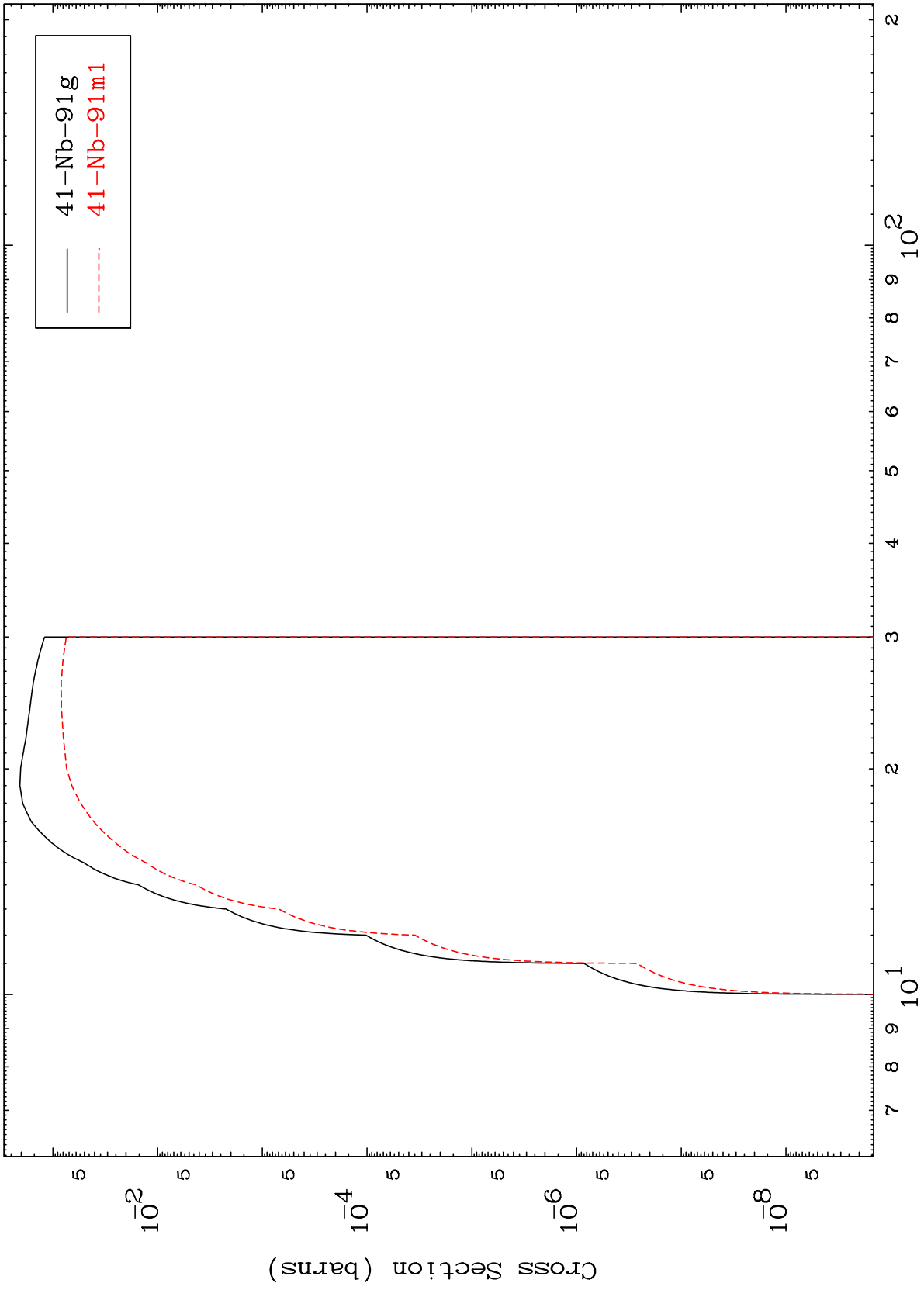
21

41-Nb-89

MAT 4114

41-Nb-89

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



22

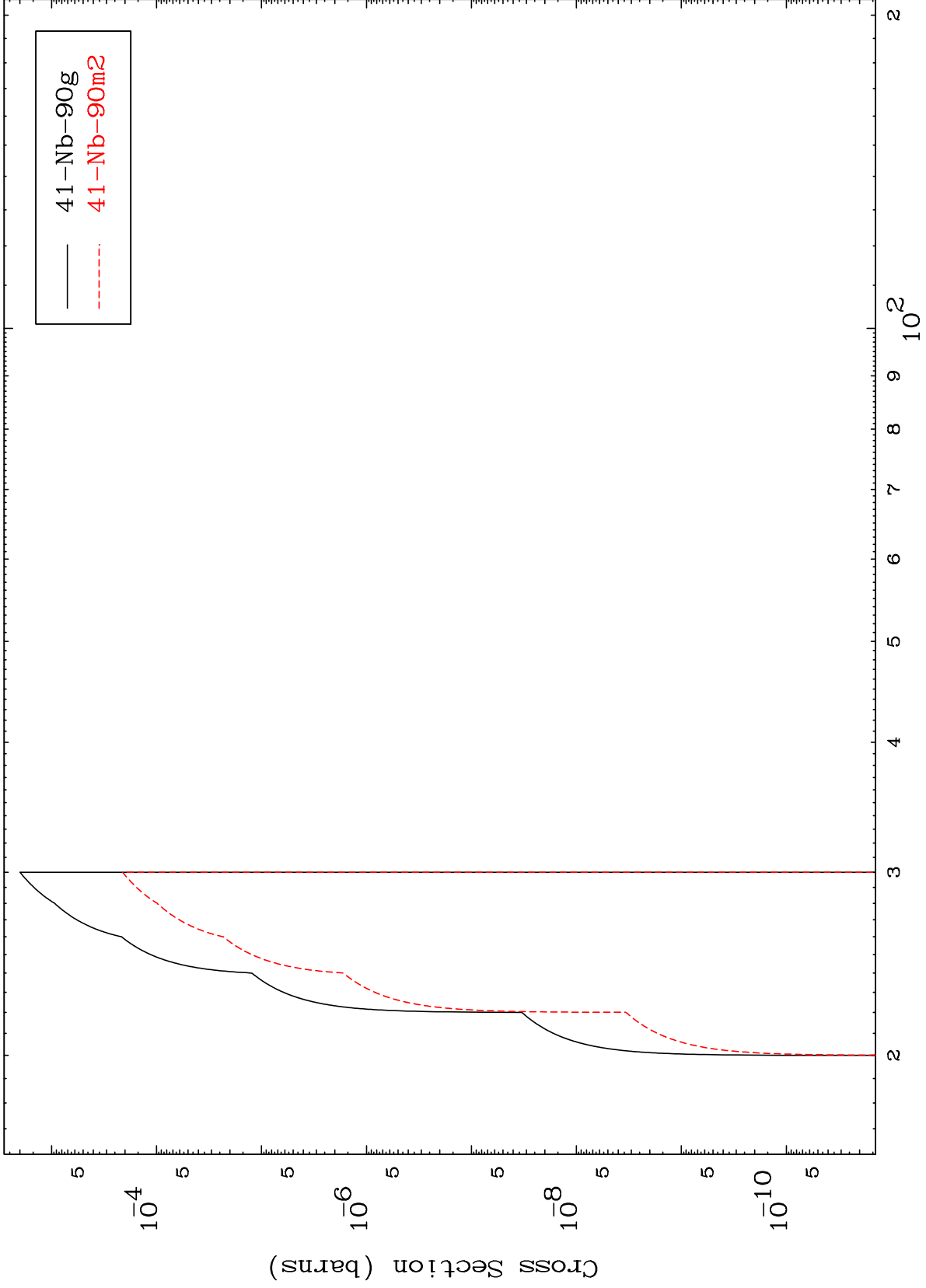
41-Nb-89

MAT 4114

( $\alpha, p$ ) d

41-Nb-89

Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-89

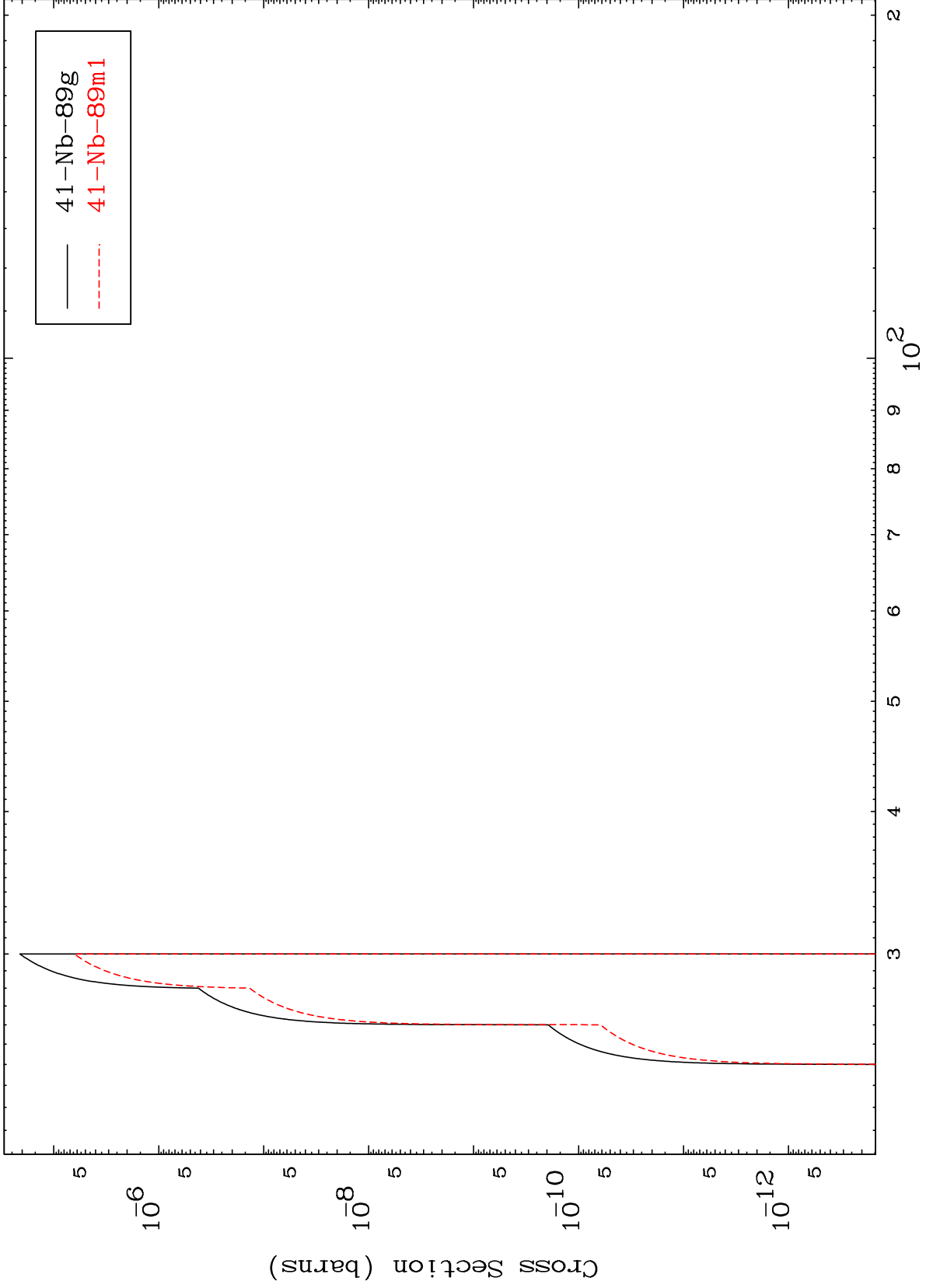


MAT 4114

( $\alpha, p$ ) t

41-Nb-89

Radionuclide Production Cross Section



24

Incident Energy (MeV)

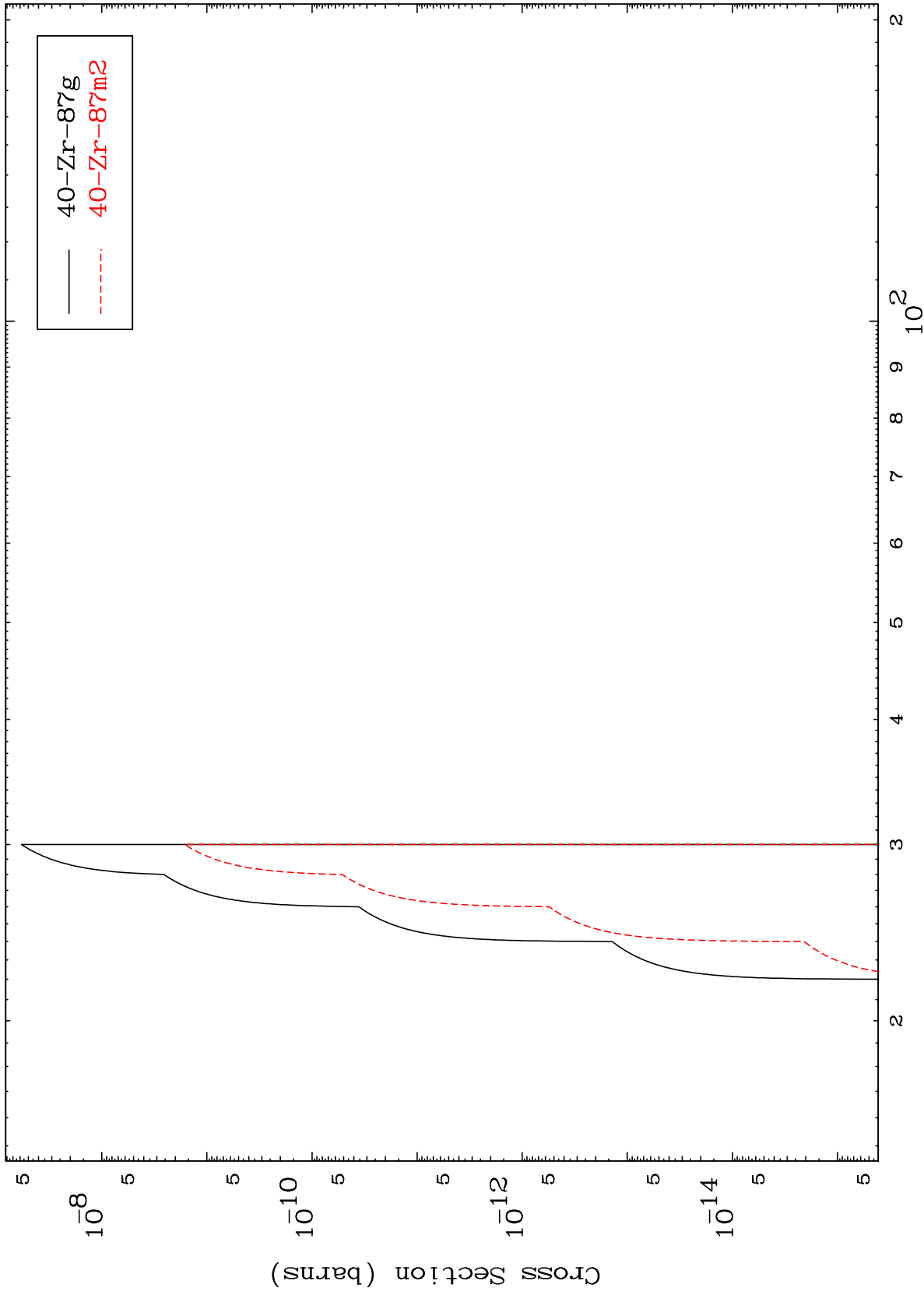
41-Nb-89

MAT 4114

( $\alpha, d$ )  $\alpha$

41-Nb-89

Radionuclide Production Cross Section



25

Incident Energy (MeV)

41-Nb-89