

Program EVALPLOT  
(Version 2018-1)

by

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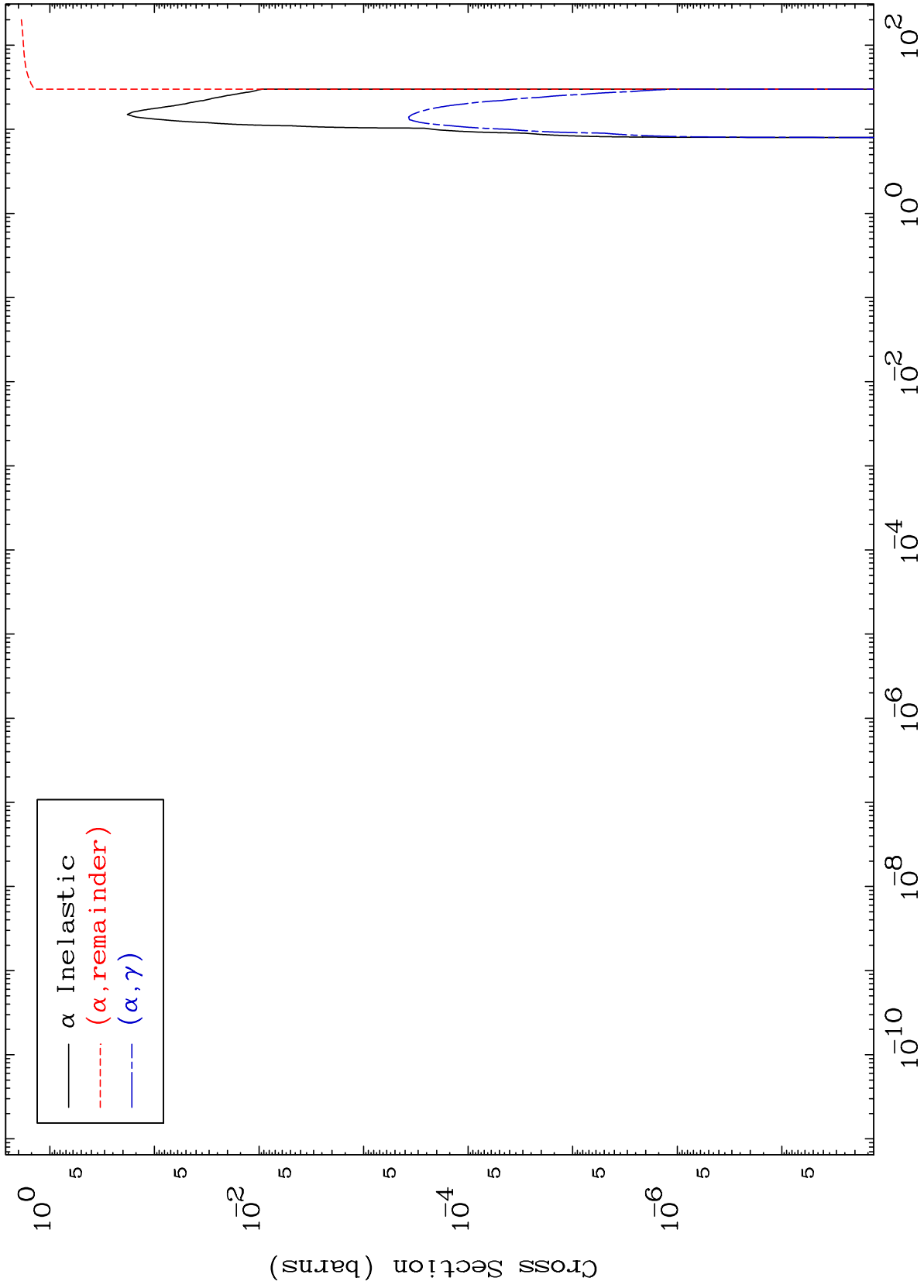
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3914

0 Kelvin  $\alpha$  Major  
Cross Sections

39-Y -85



1

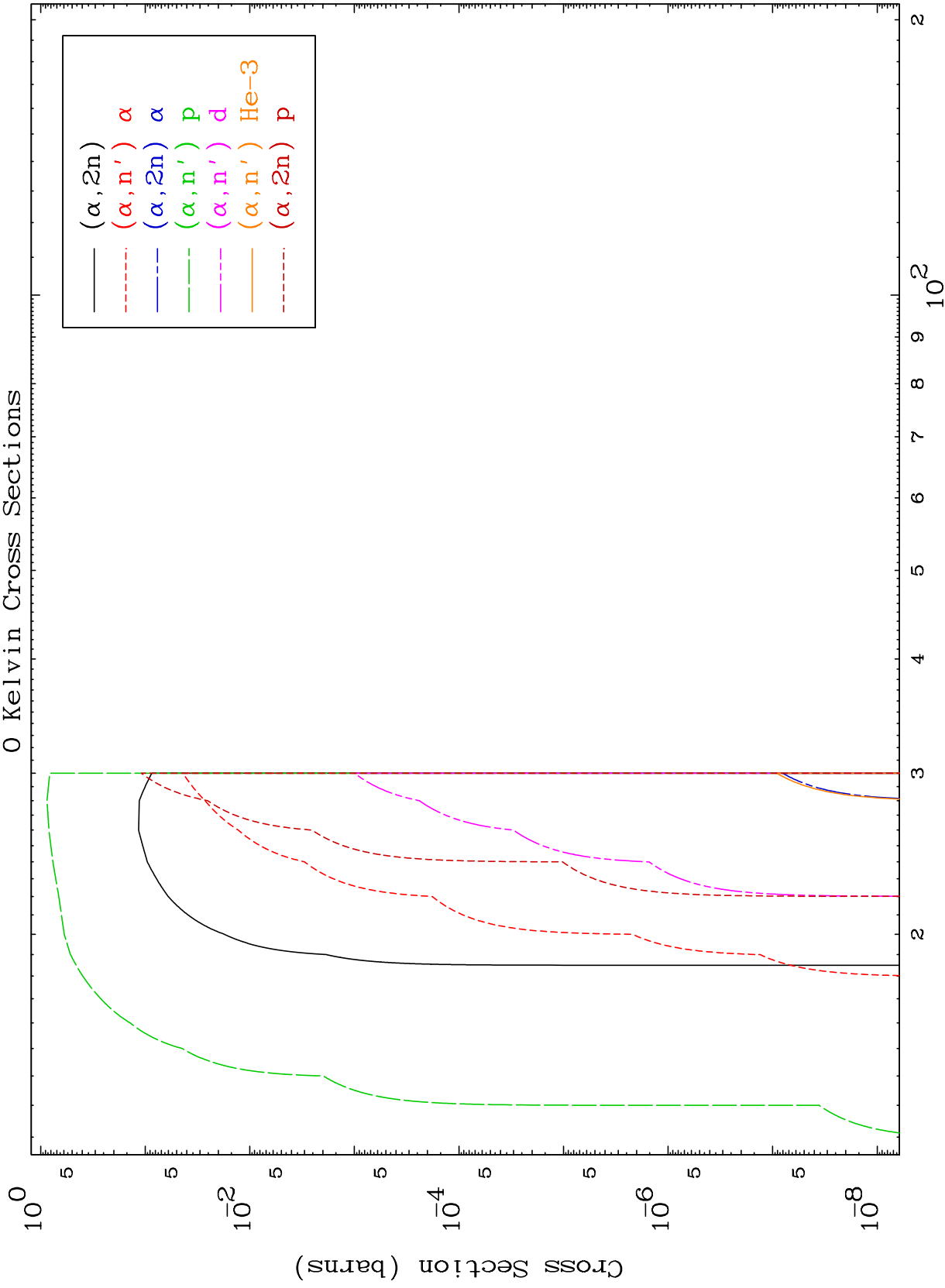
Incident Energy (MeV)

39-Y -85

MAT 3914

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

39-Y -85



2

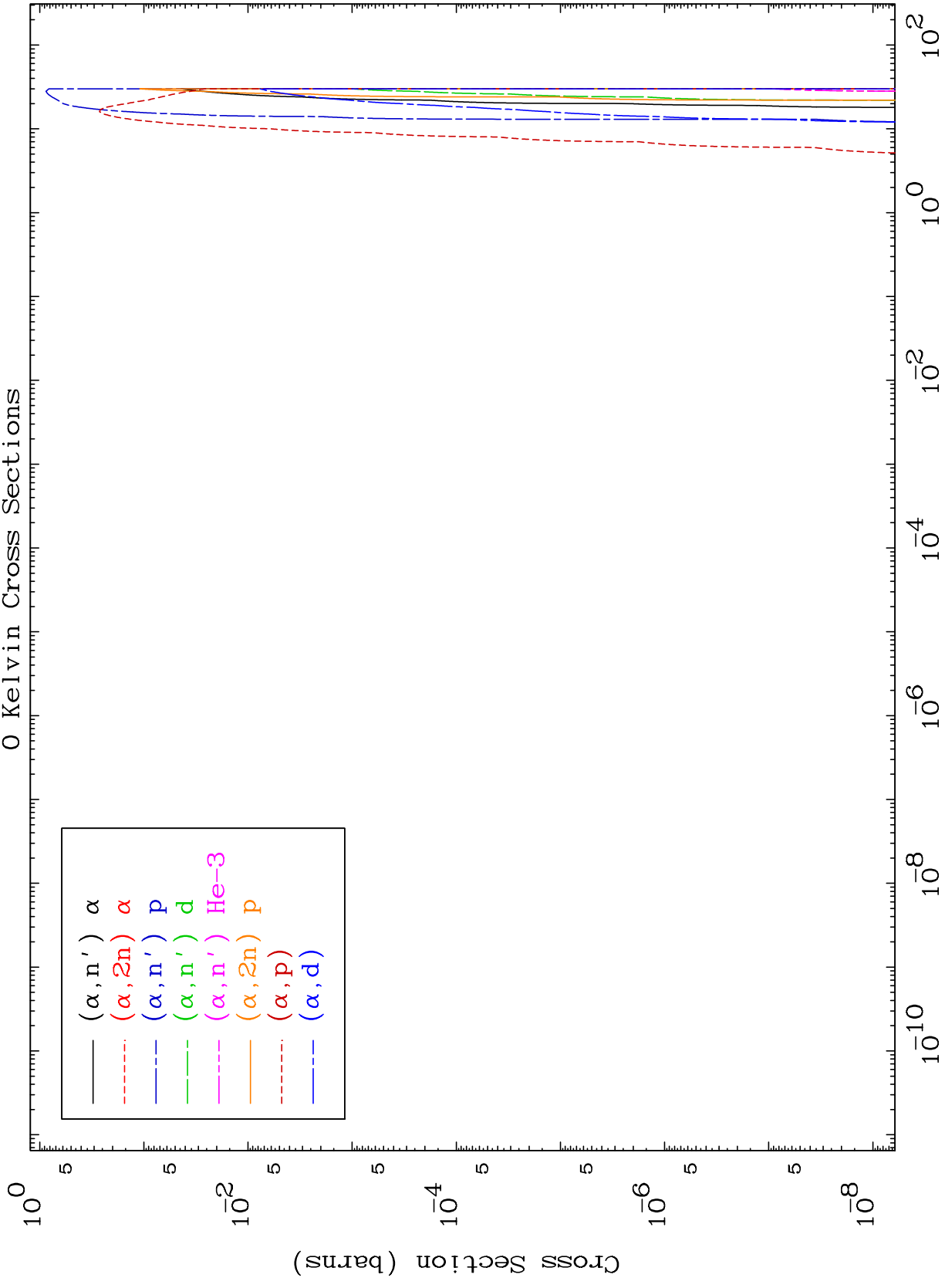
Incident Energy (MeV)

39-Y -85

MAT 3914

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

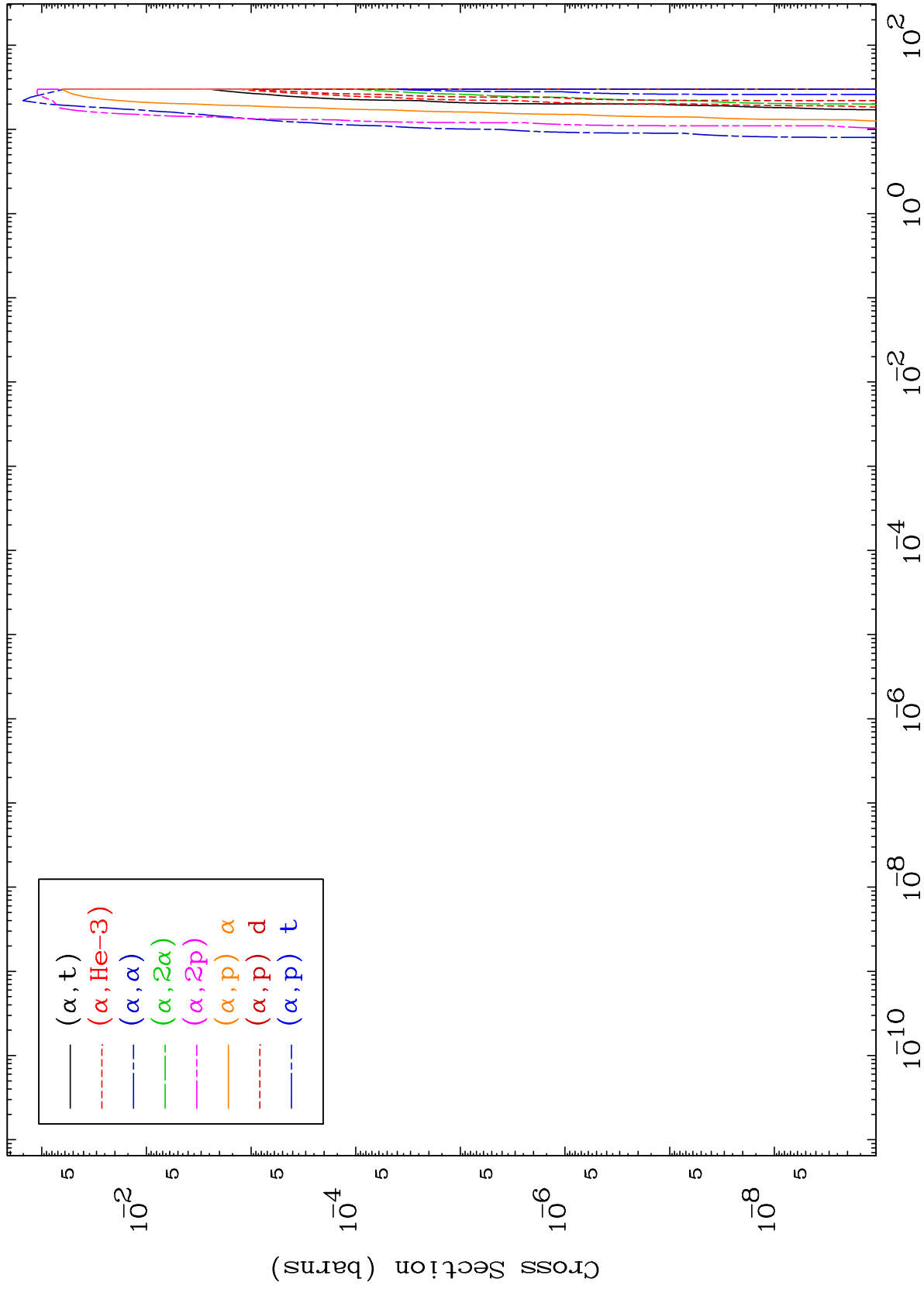
39-Y -85



3

Incident Energy (MeV)

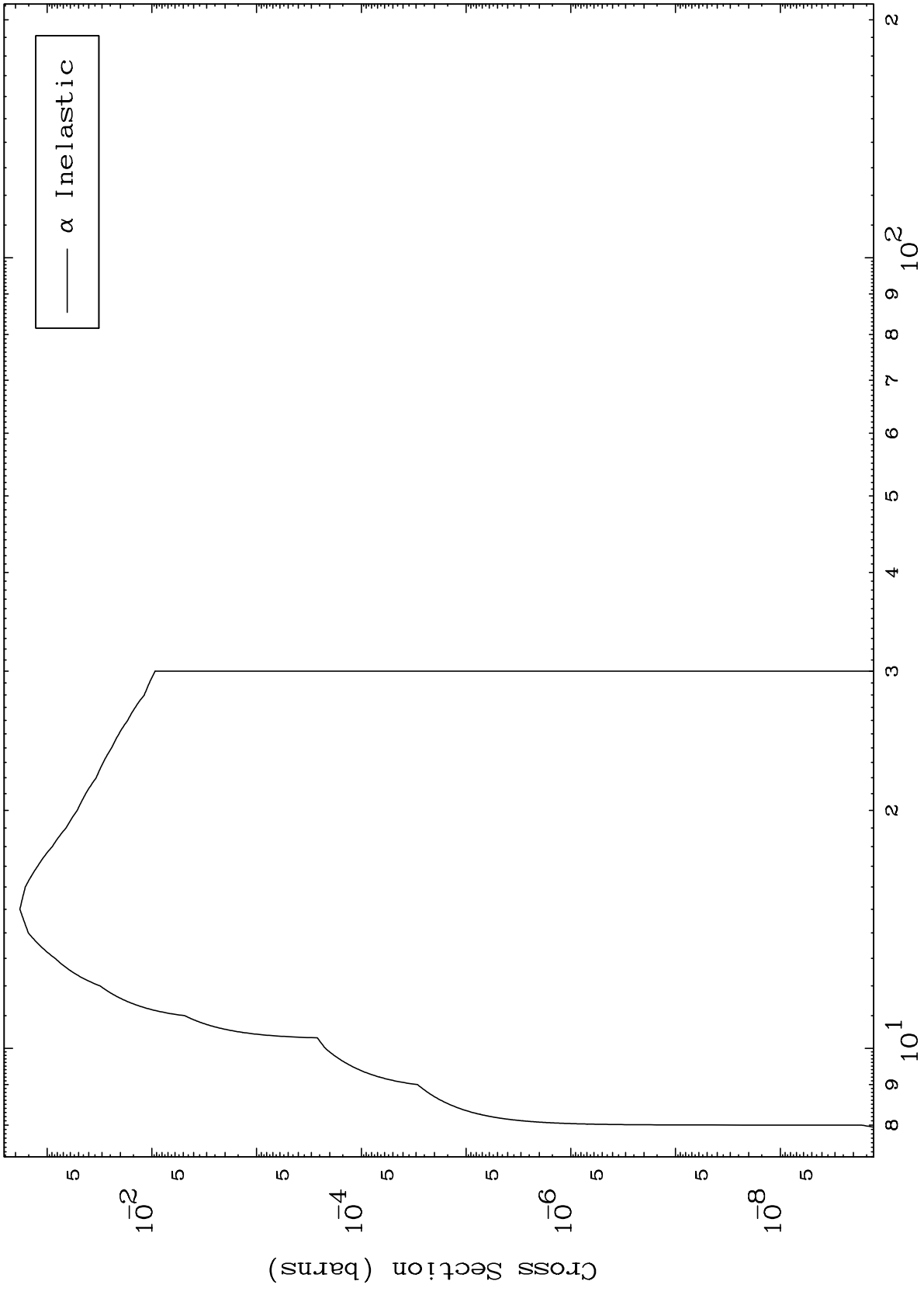
39-Y -85



MAT 3914

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

39-Y -85



5

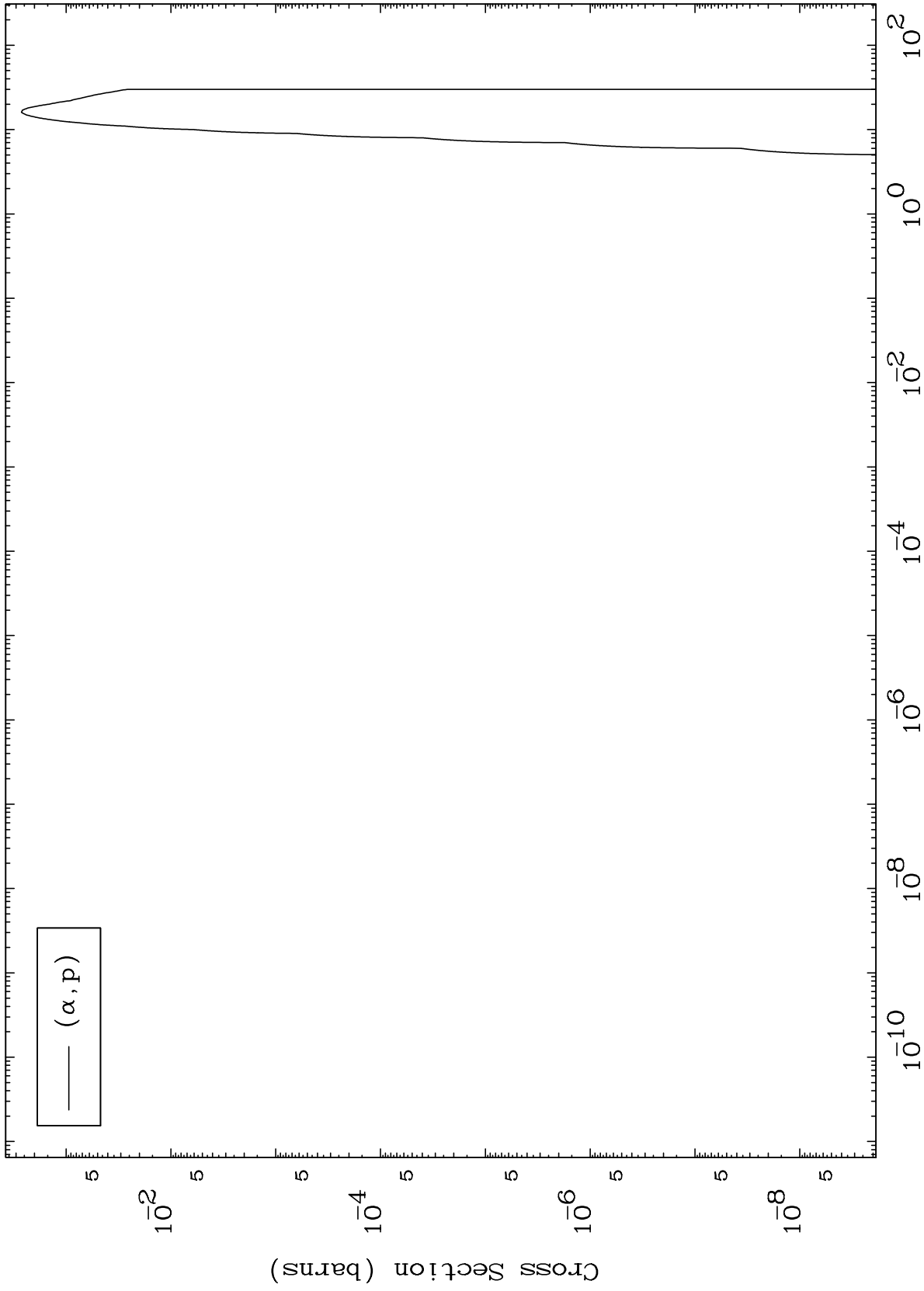
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85



6

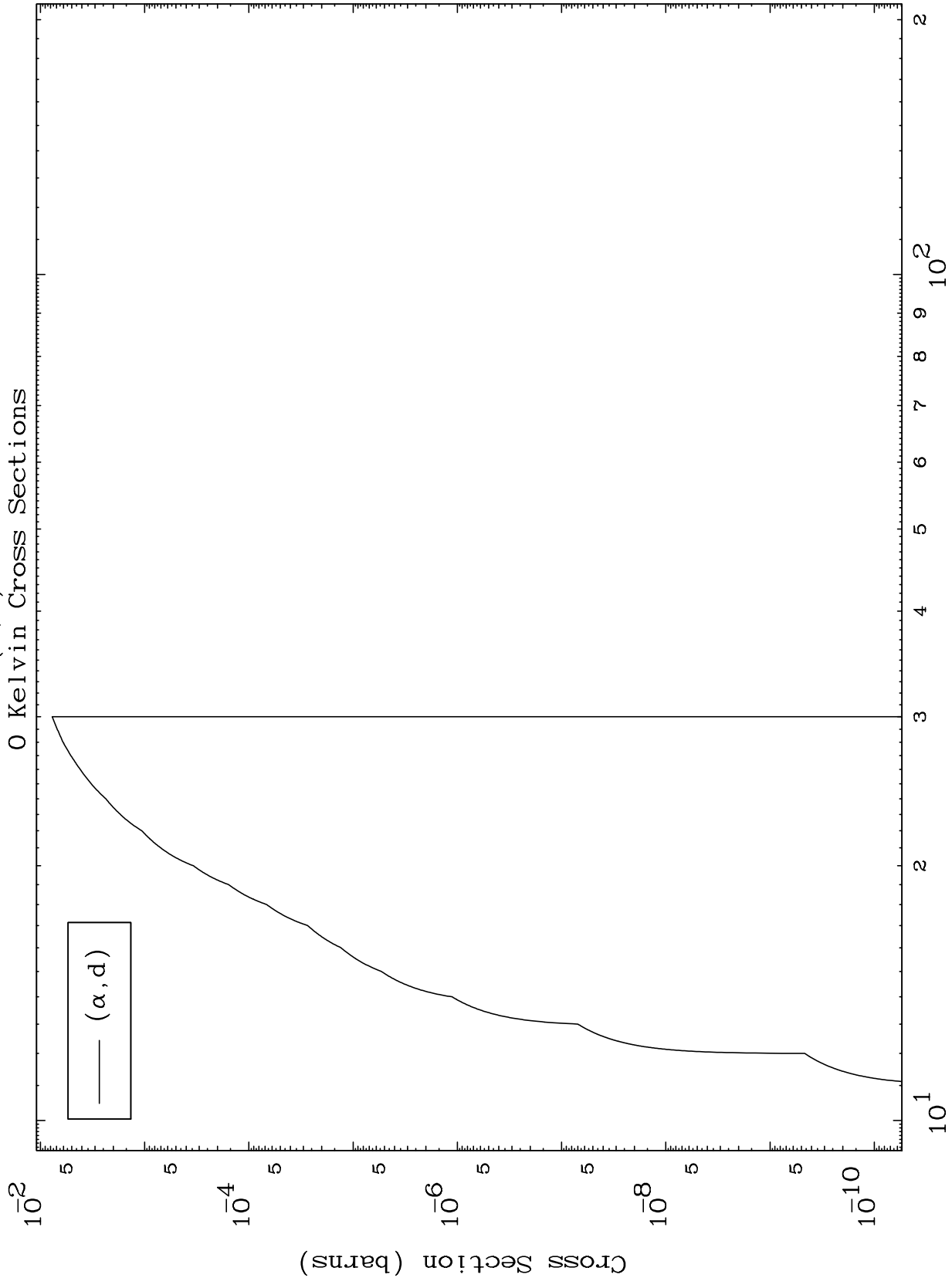
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85

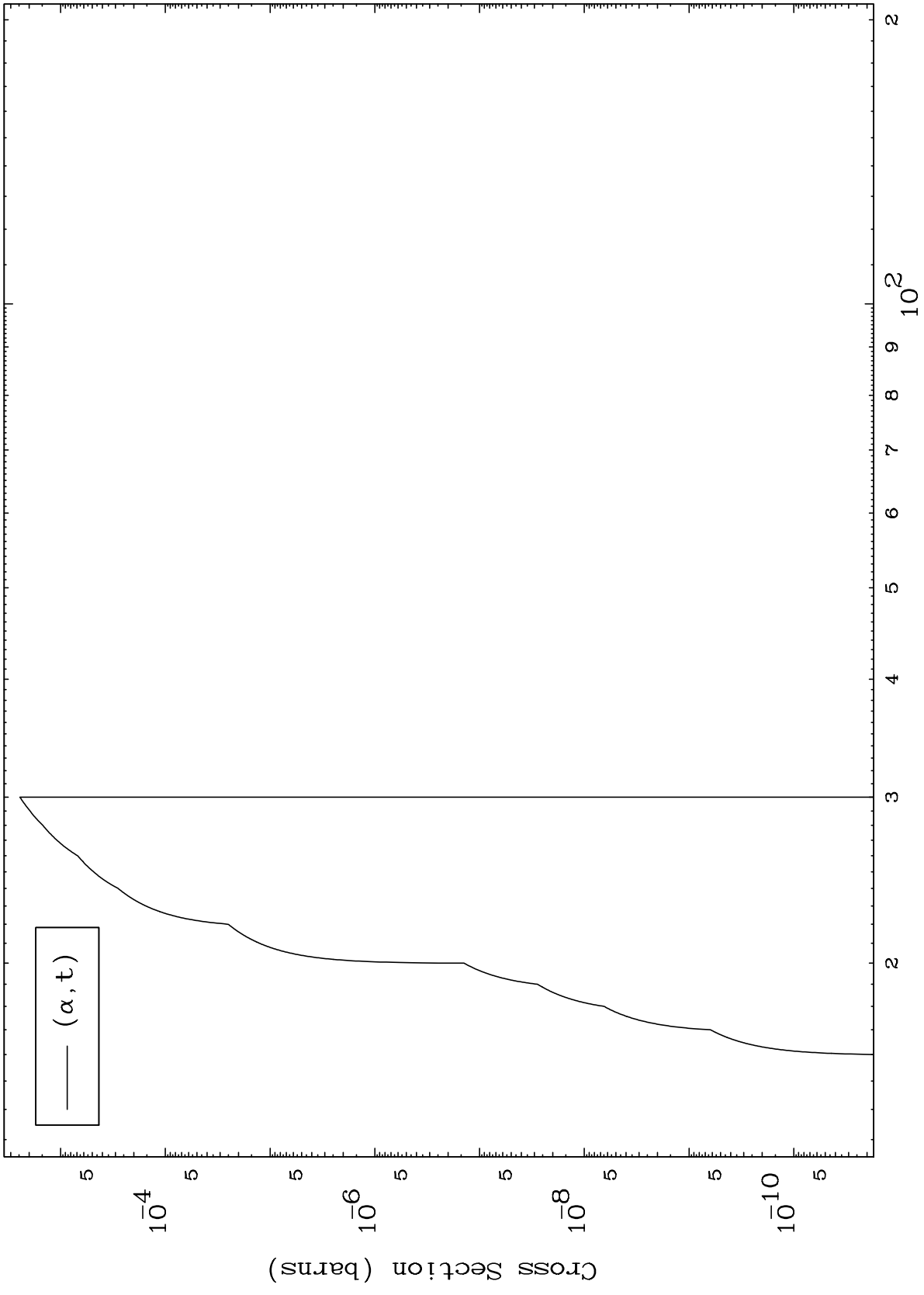


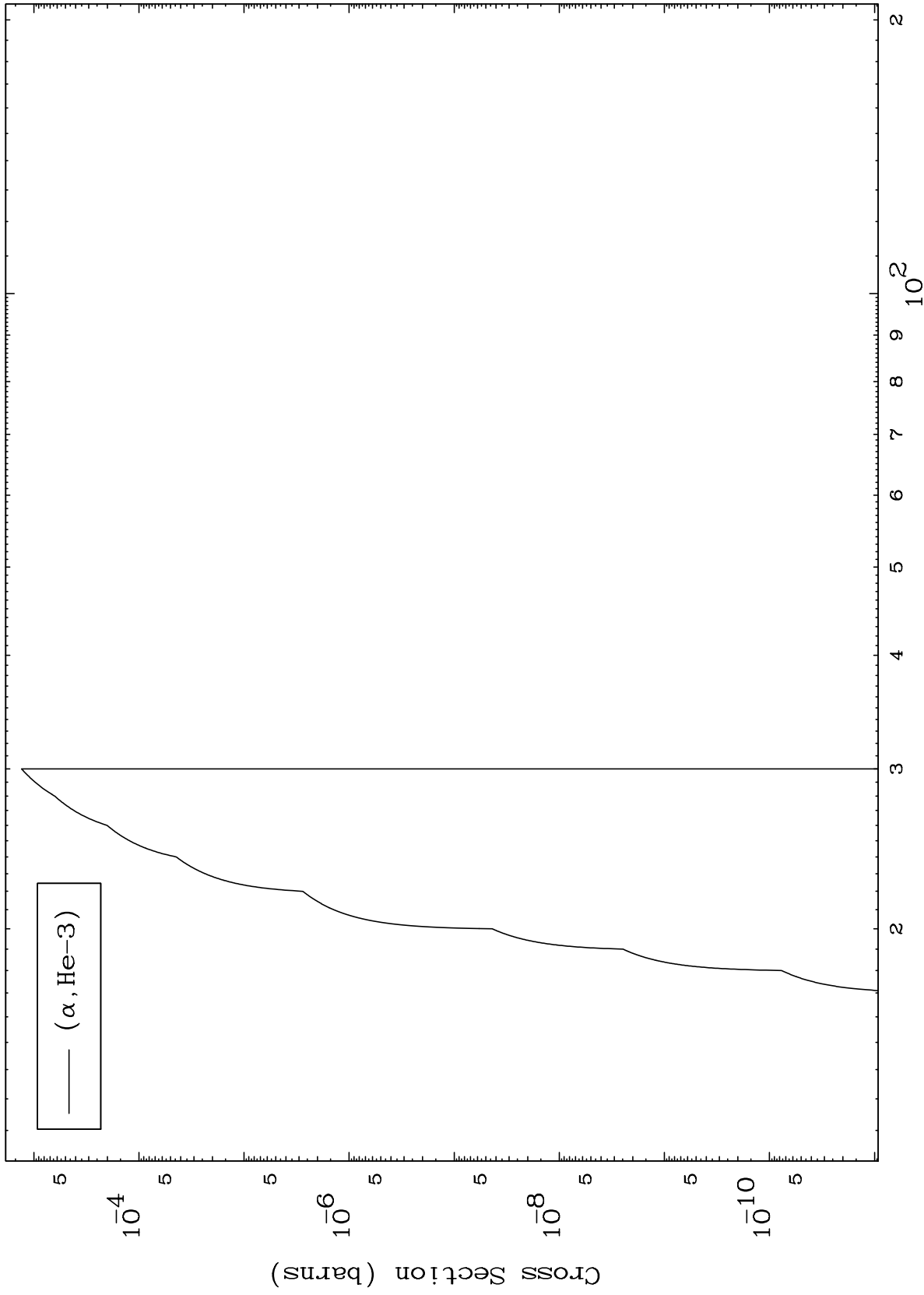
7

Incident Energy (MeV)

39-Y -85



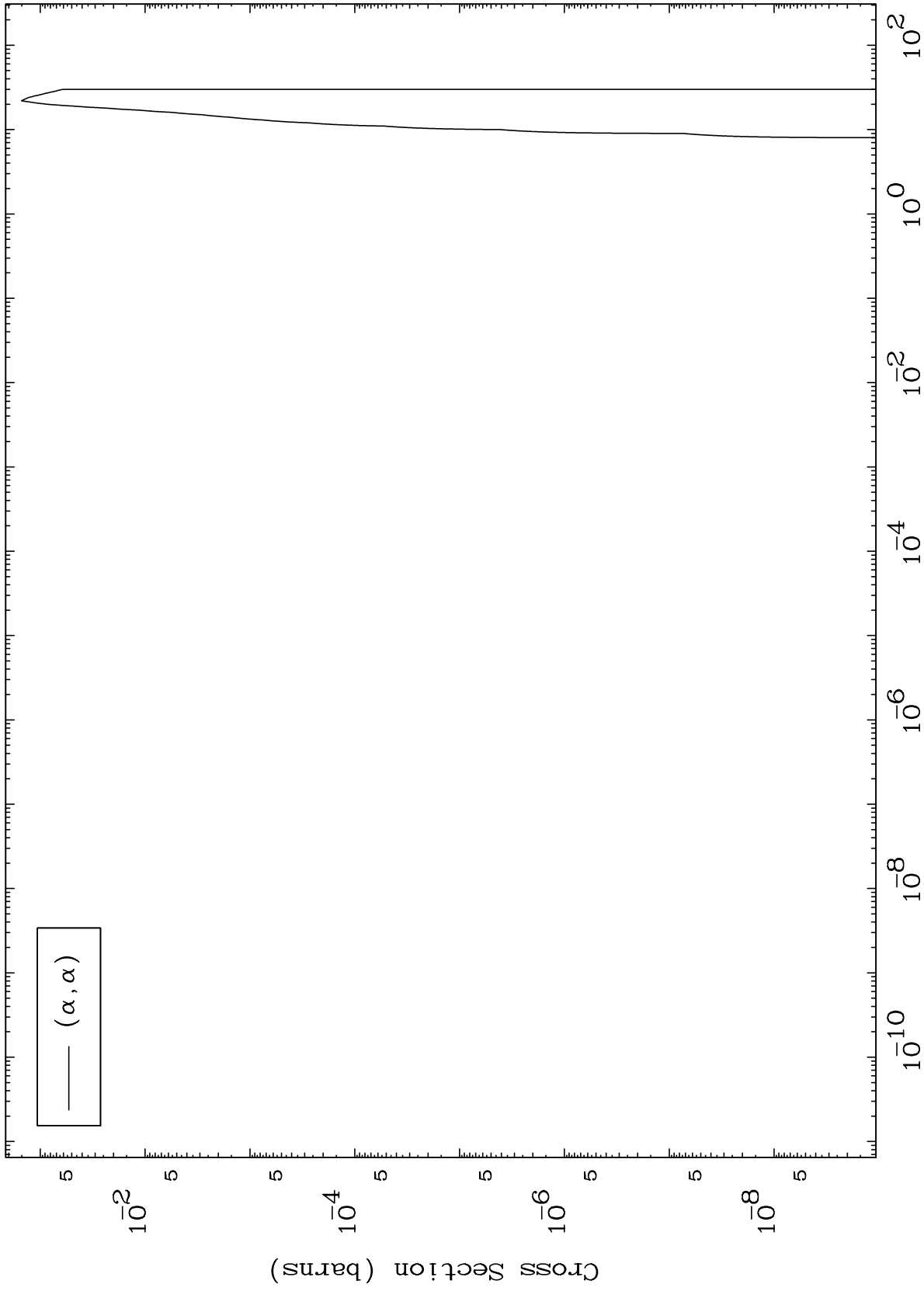




MAT 3914

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

39-Y -85

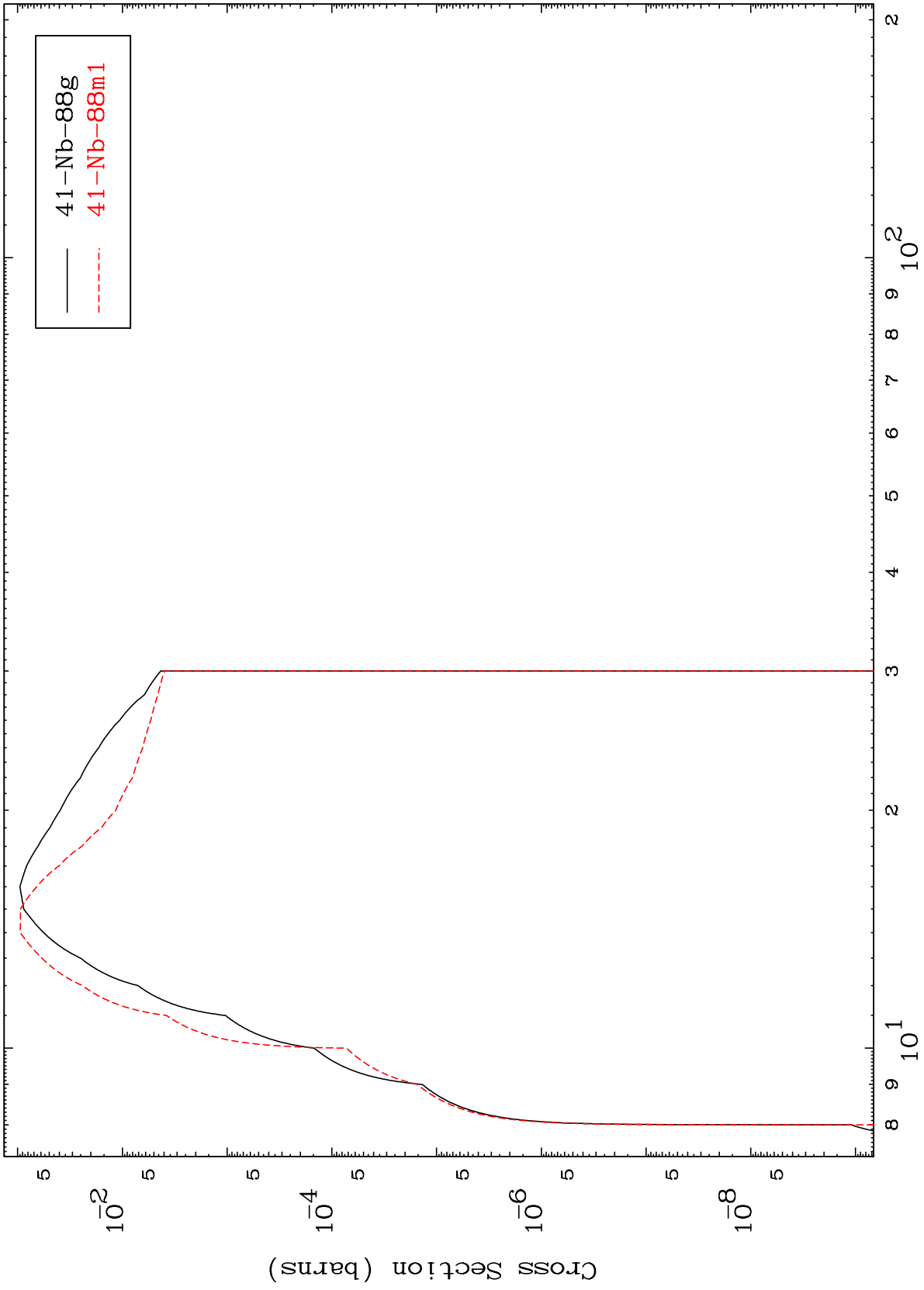


10

Incident Energy (MeV)

39-Y -85

$\alpha$  Inelastic  
Radionuclide Production Cross Section

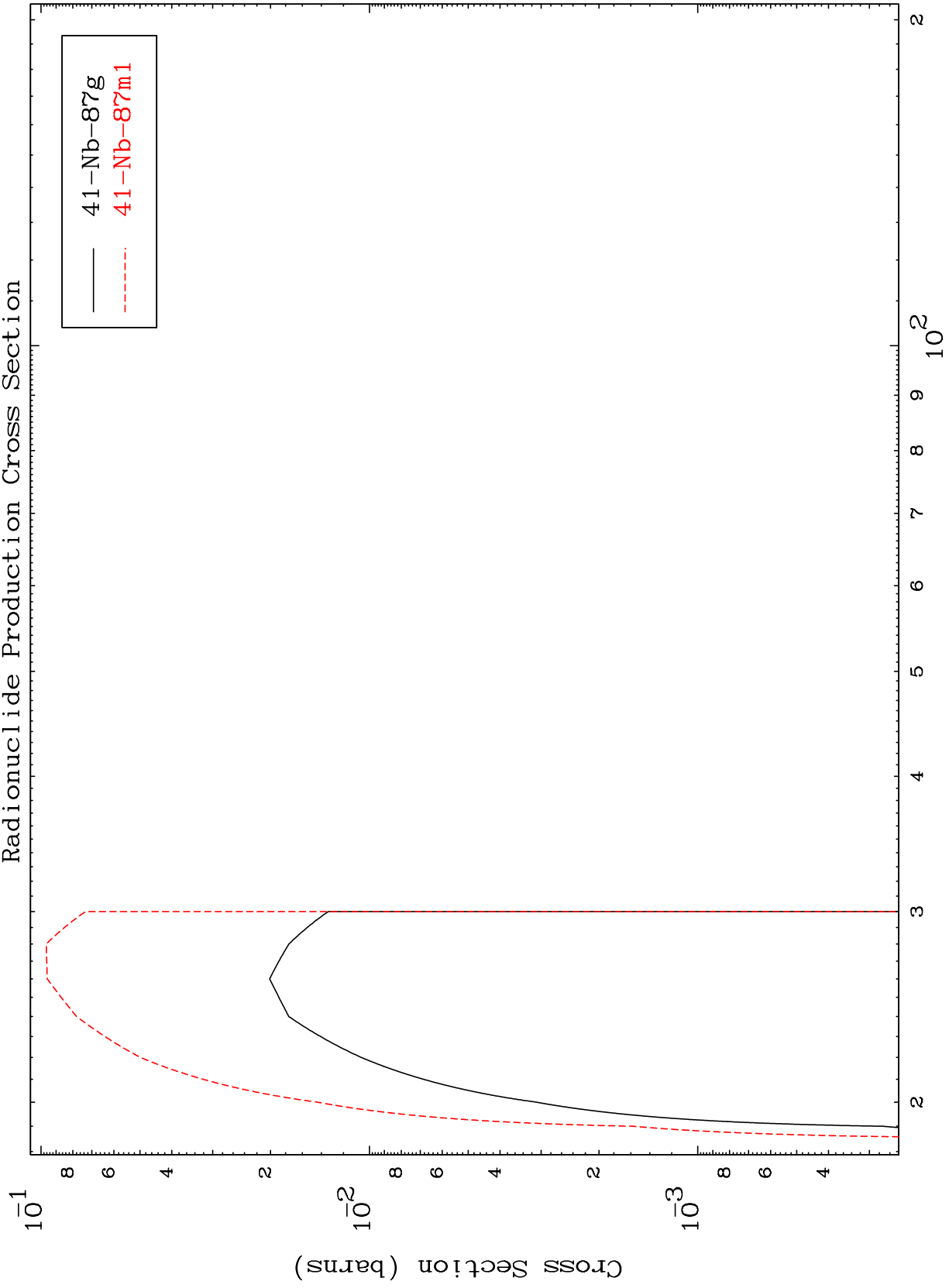


Incident Energy (MeV)

MAT 3914

39-Y -85

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



12

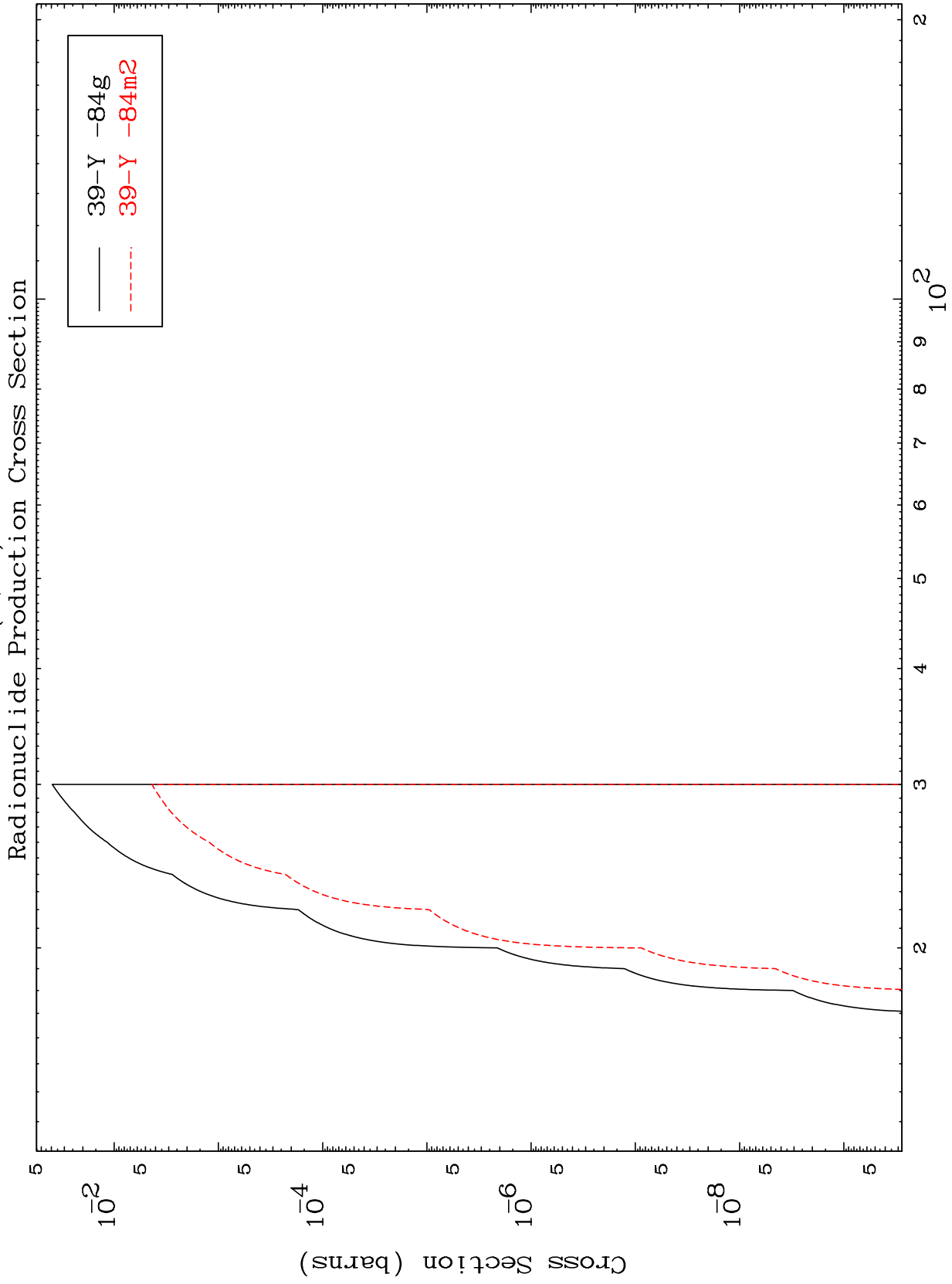
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85



13

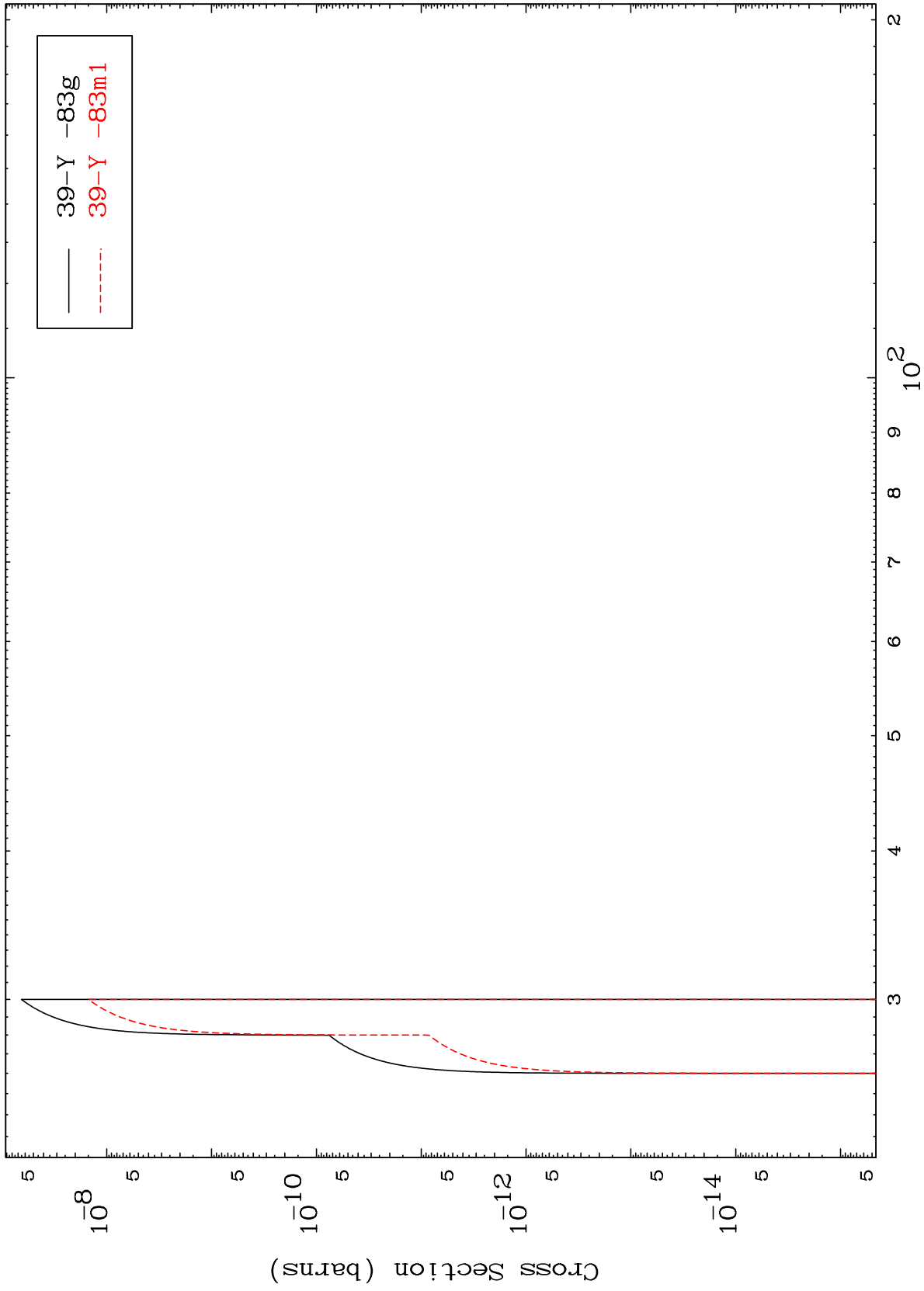
39-Y -85

MAT 3914

$(\alpha, 2n) \alpha$

39-Y -85

Radionuclide Production Cross Section



14

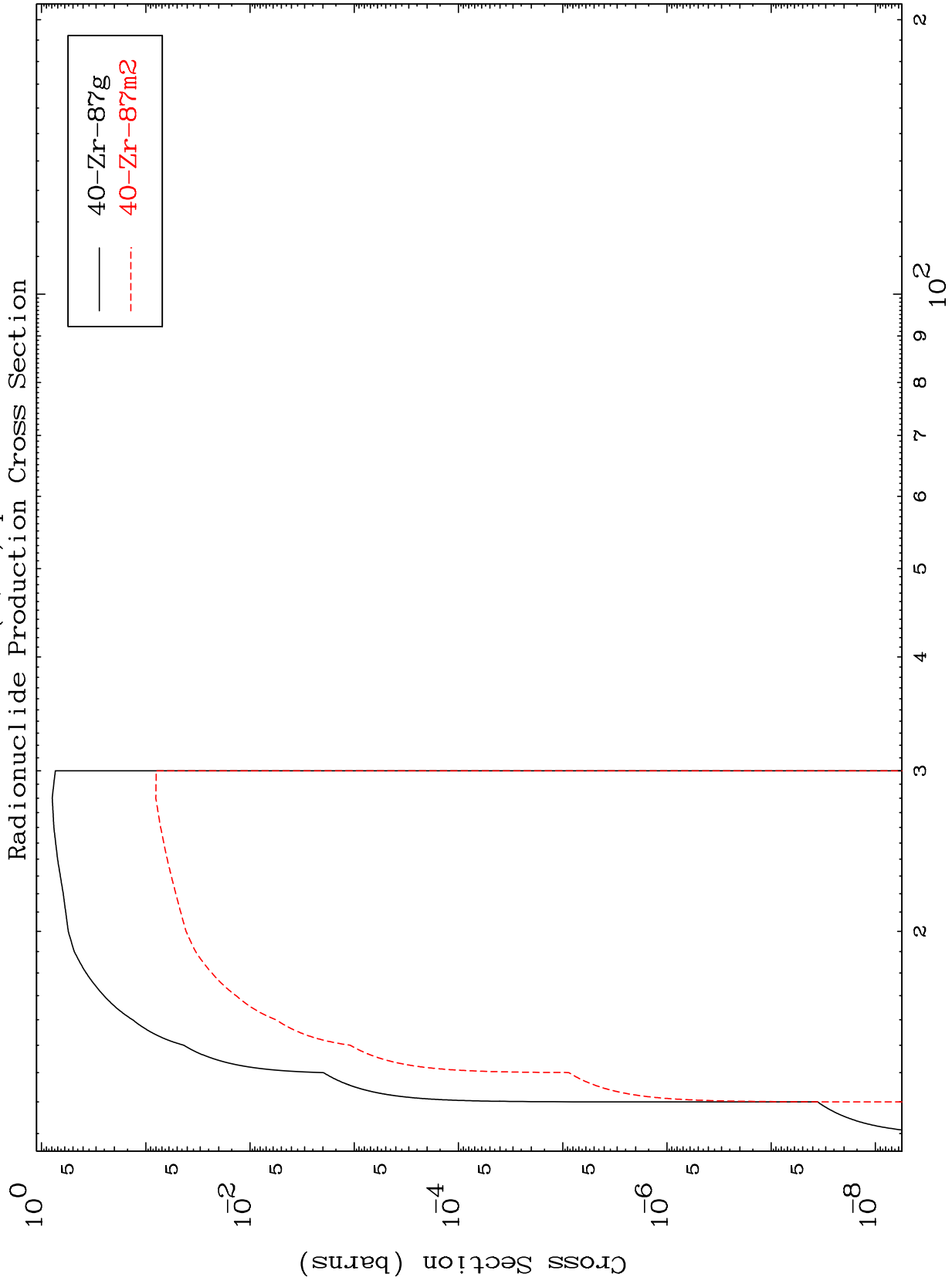
Incident Energy (MeV)

39-Y -85

MAT 3914

( $\alpha, n'$ ) p

39-Y -85



15

Incident Energy (MeV)

39-Y -85

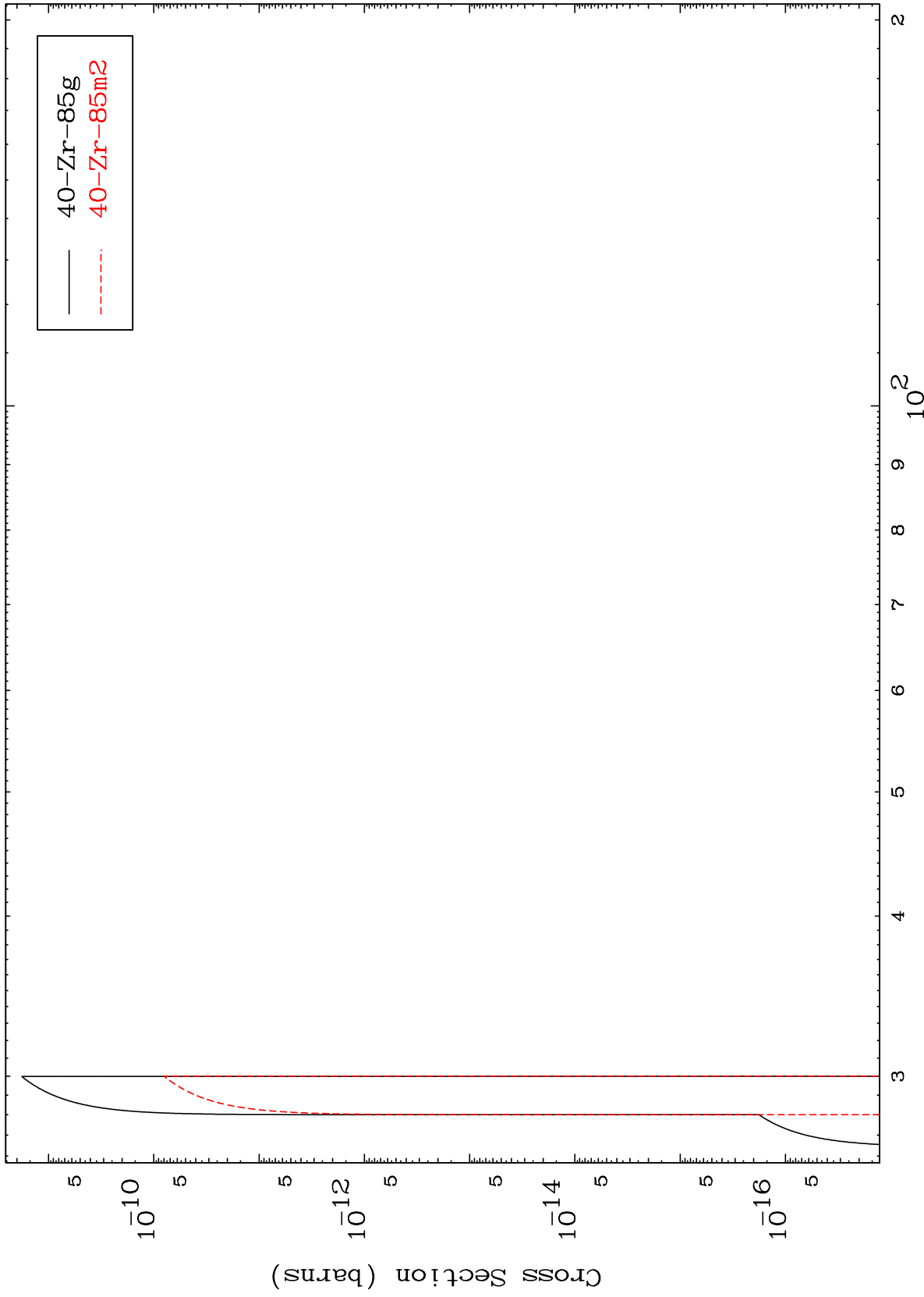


MAT 3914

( $\alpha, n'$ ) t

39-Y -85

Radionuclide Production Cross Section



16

Incident Energy (MeV)

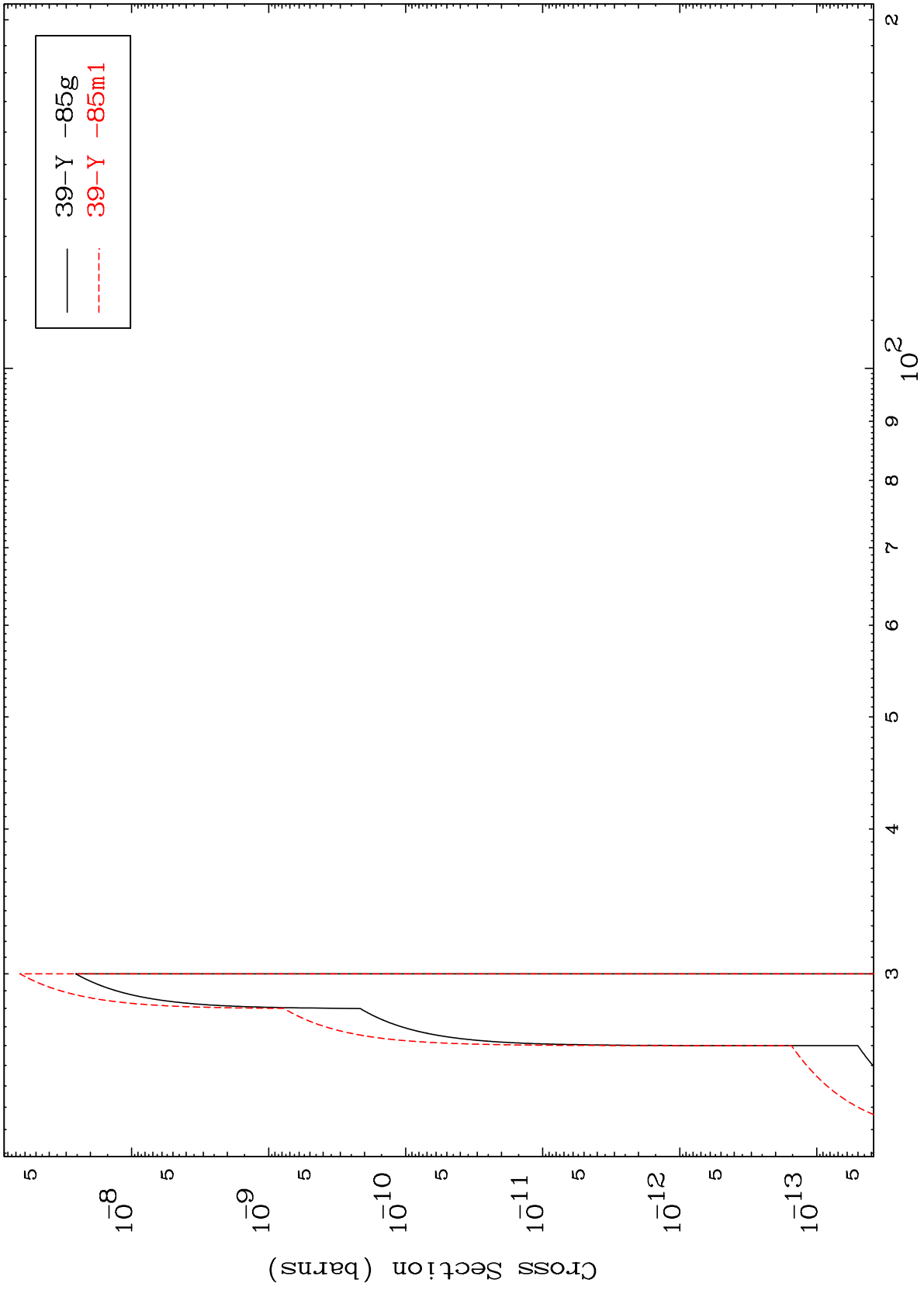
39-Y -85

MAT 3914

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

39-Y -85

Radionuclide Production Cross Section



17

Incident Energy (MeV)

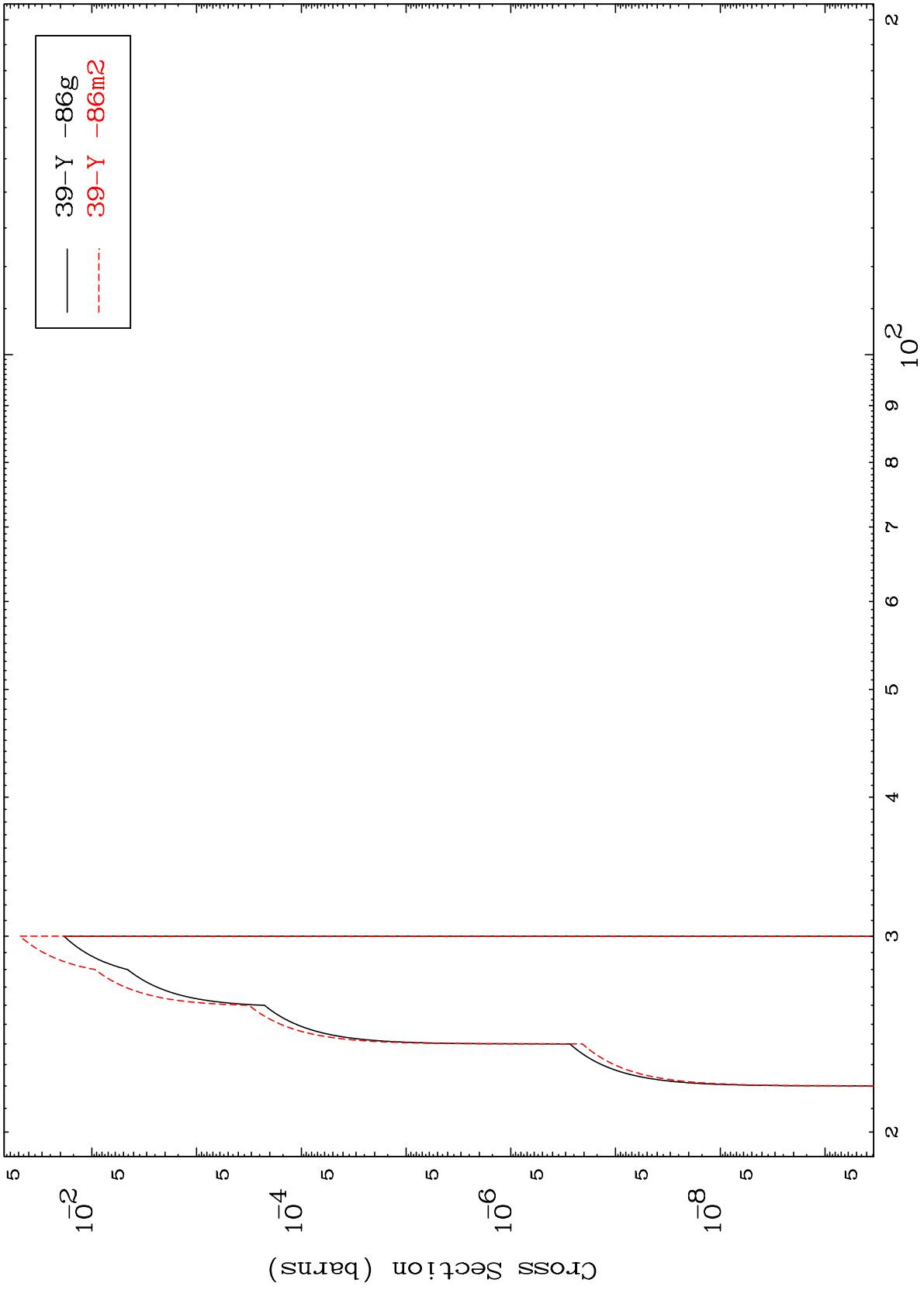
39-Y -85

MAT 3914

( $\alpha, 2n$ ) p

39-Y -85

Radionuclide Production Cross Section



18

Incident Energy (MeV)

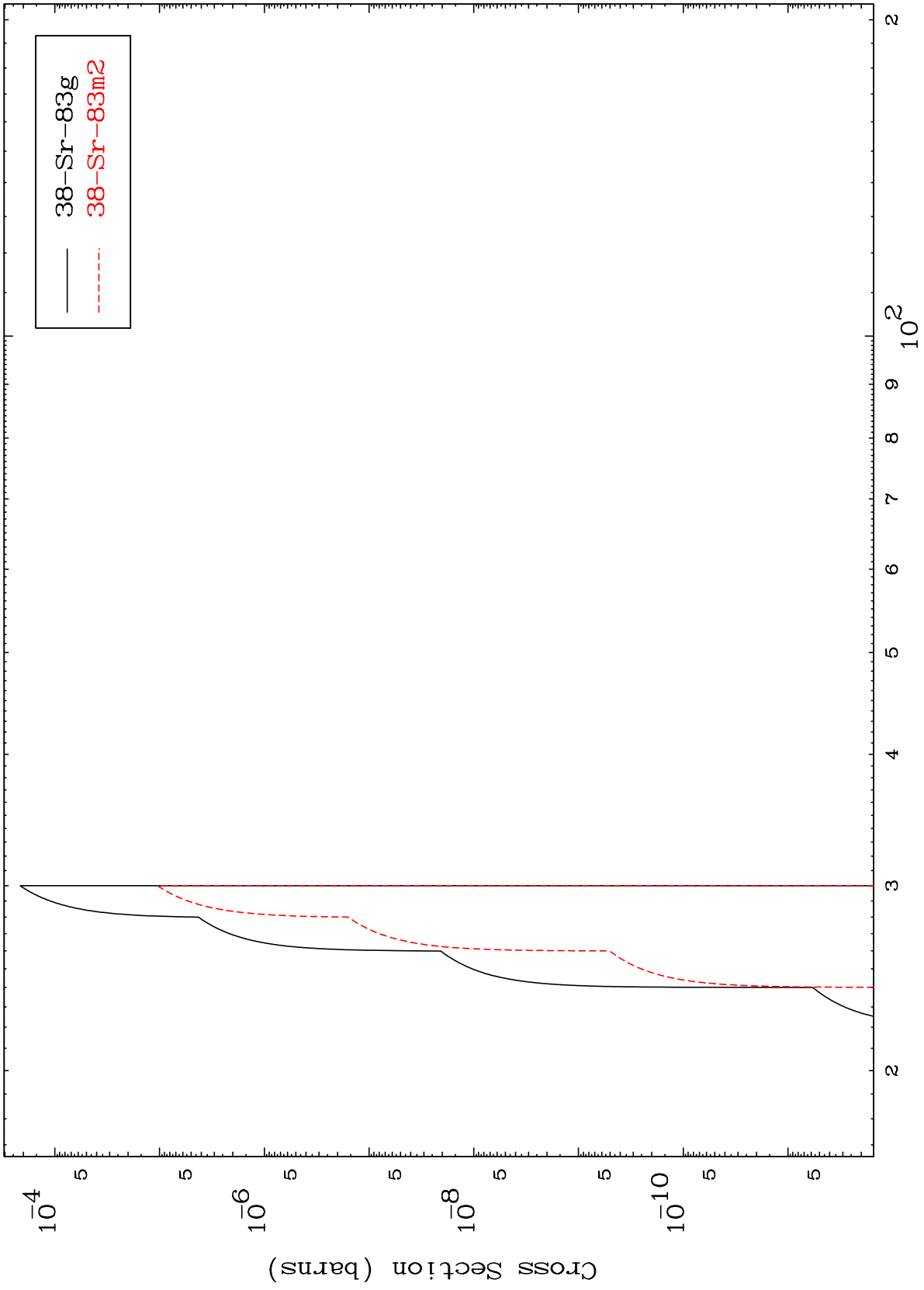
39-Y -85

MAT 3914

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

39-Y -85

Radionuclide Production Cross Section



19

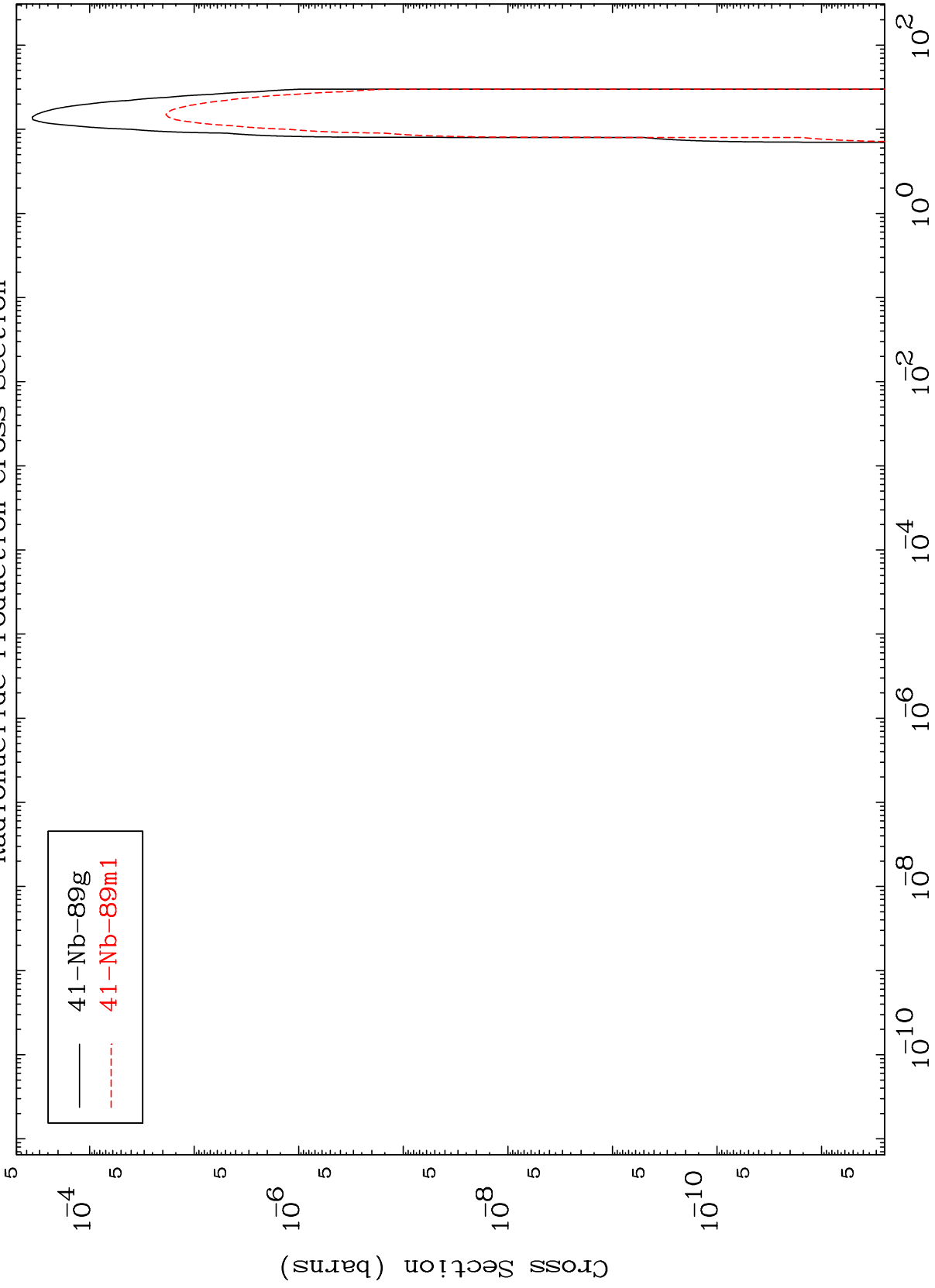
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85



20

Incident Energy (MeV)

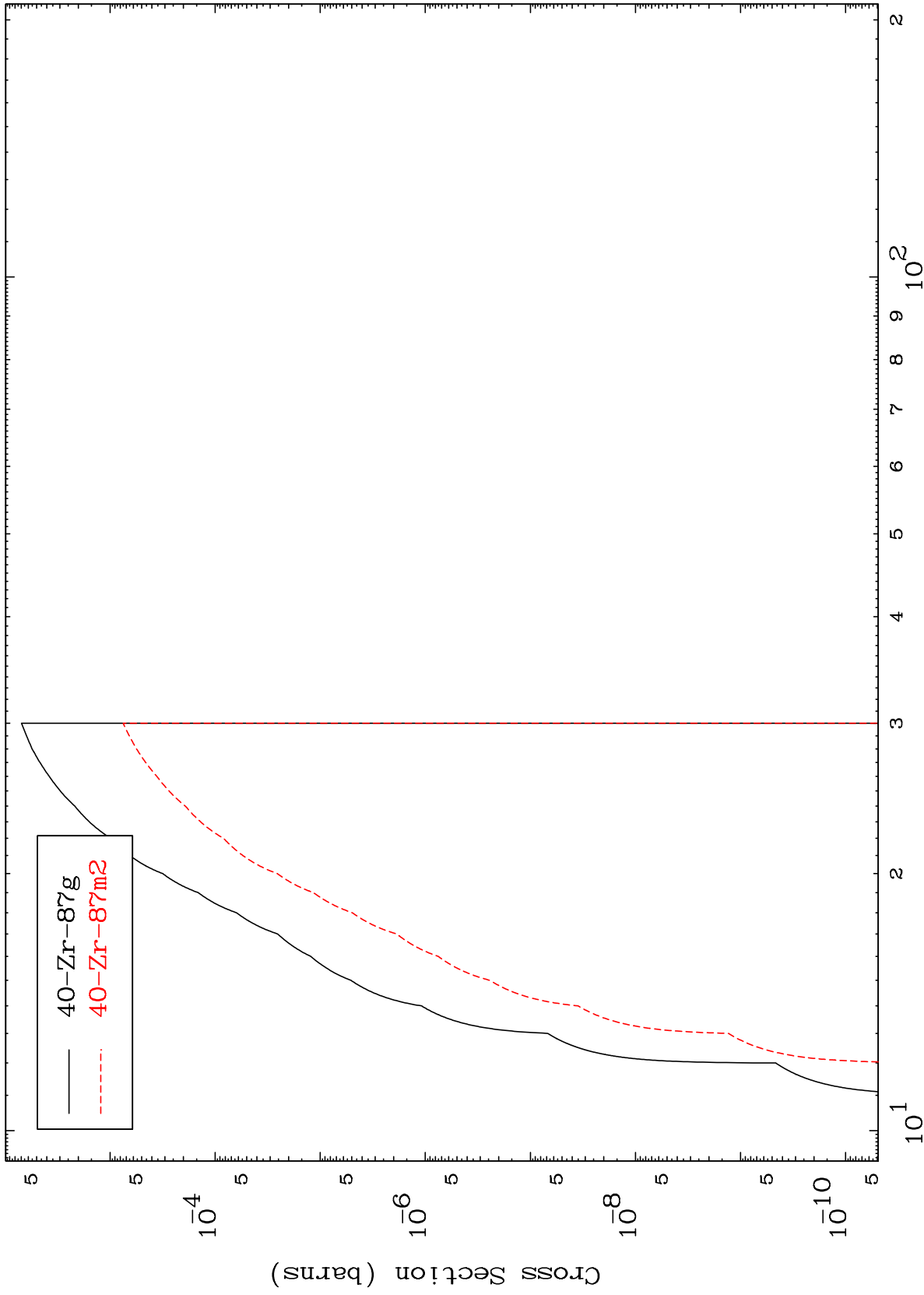
39-Y -85

MAT 3914

( $\alpha, d$ )

39-Y -85

Radionuclide Production Cross Section



21

Incident Energy (MeV)

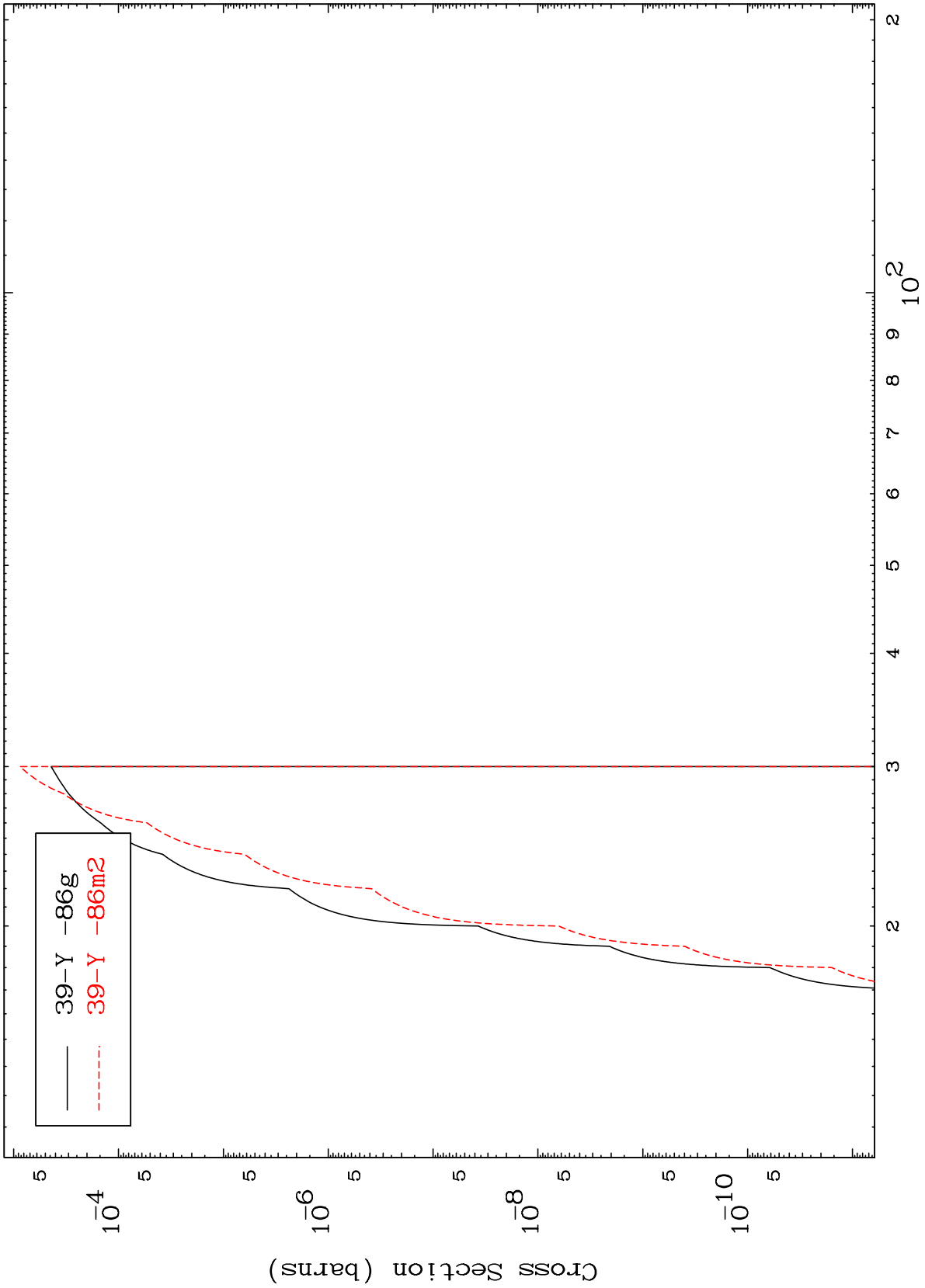
39-Y -85

MAT 3914

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

39-Y -85

Radionuclide Production Cross Section



22

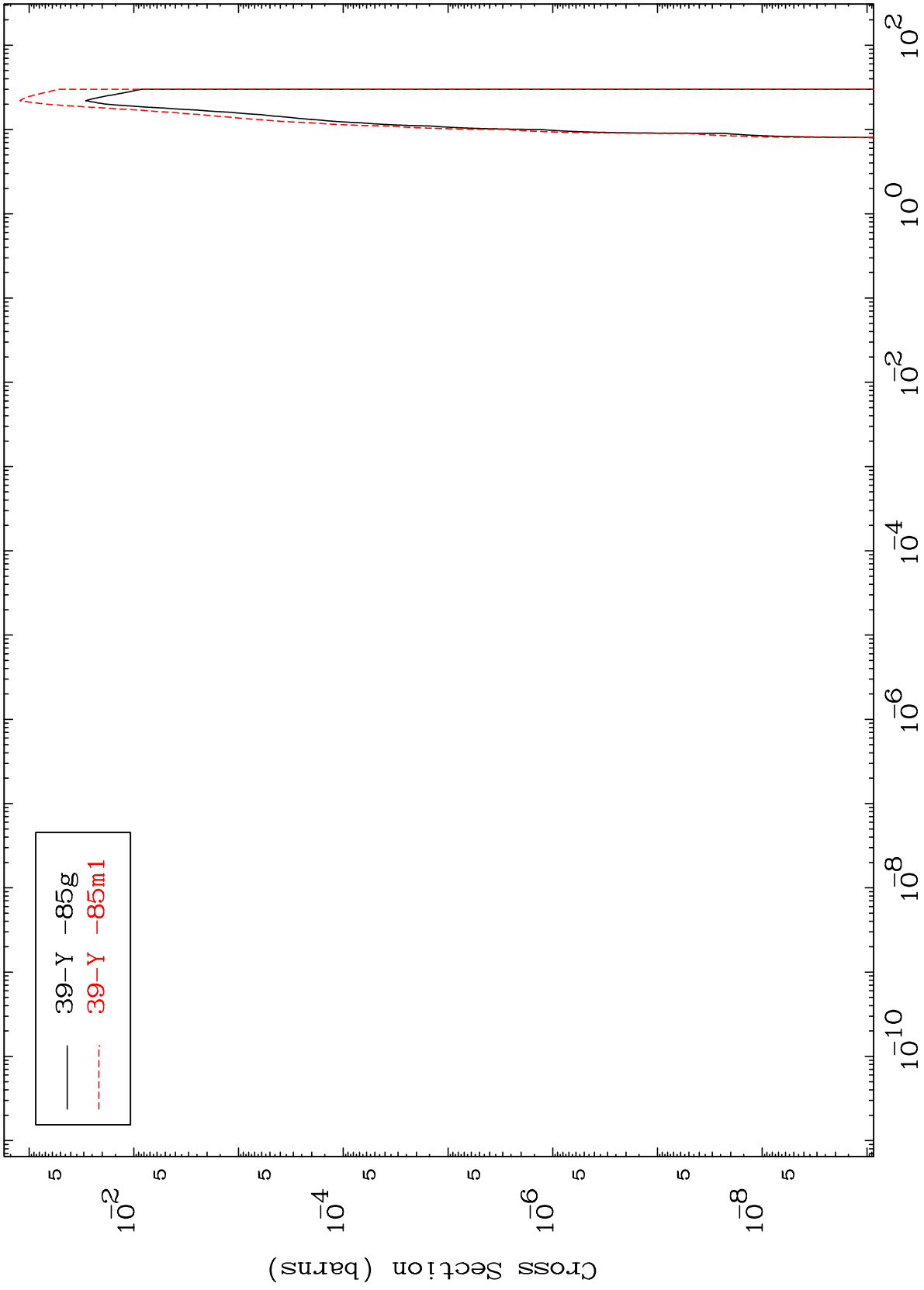
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85



23

Incident Energy (MeV)

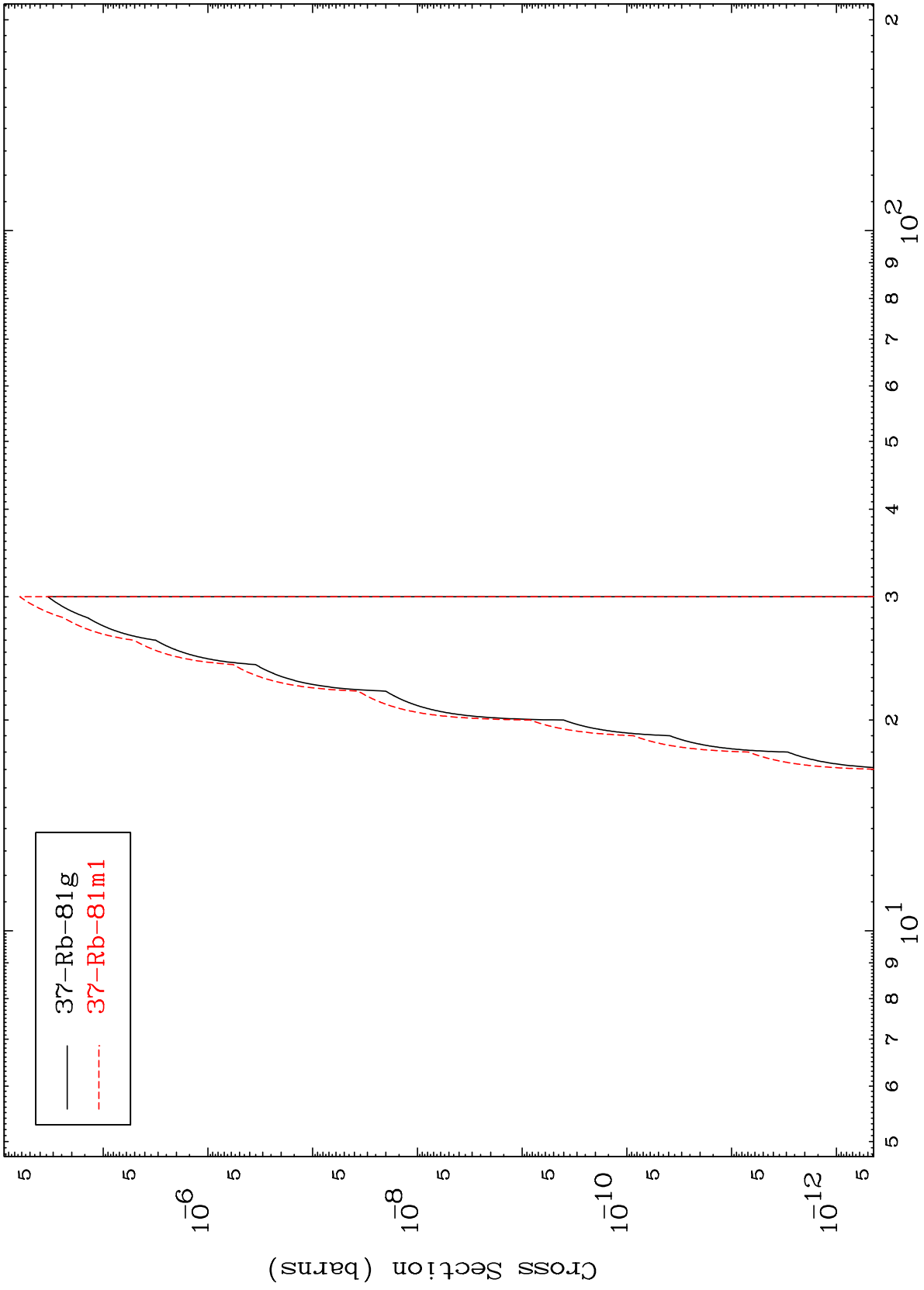
39-Y -85



MAT 3914

39-Y -85

Radionuclide Production Cross Section



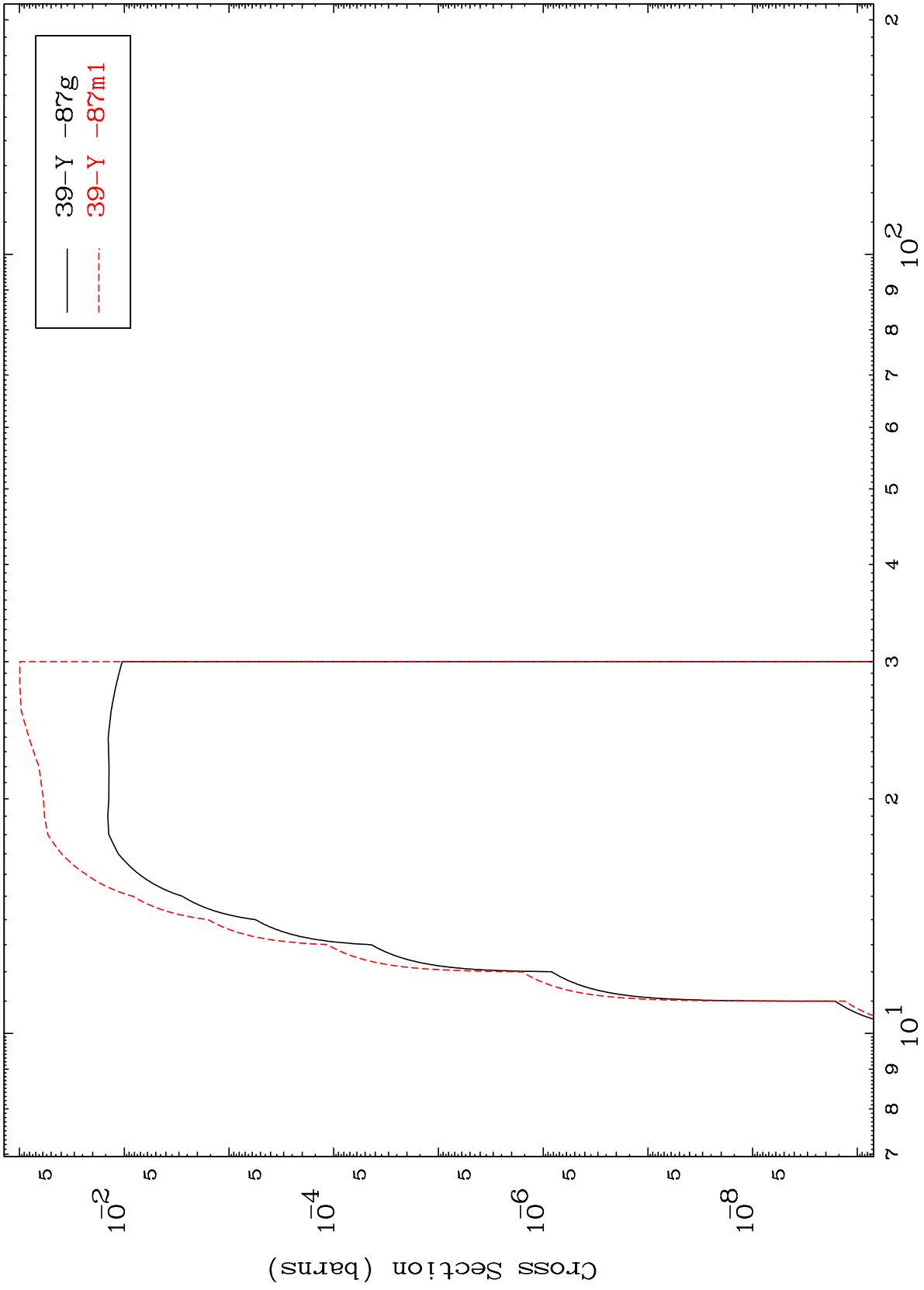
24

39-Y -85

MAT 3914

39-Y -85

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



25

Incident Energy (MeV)

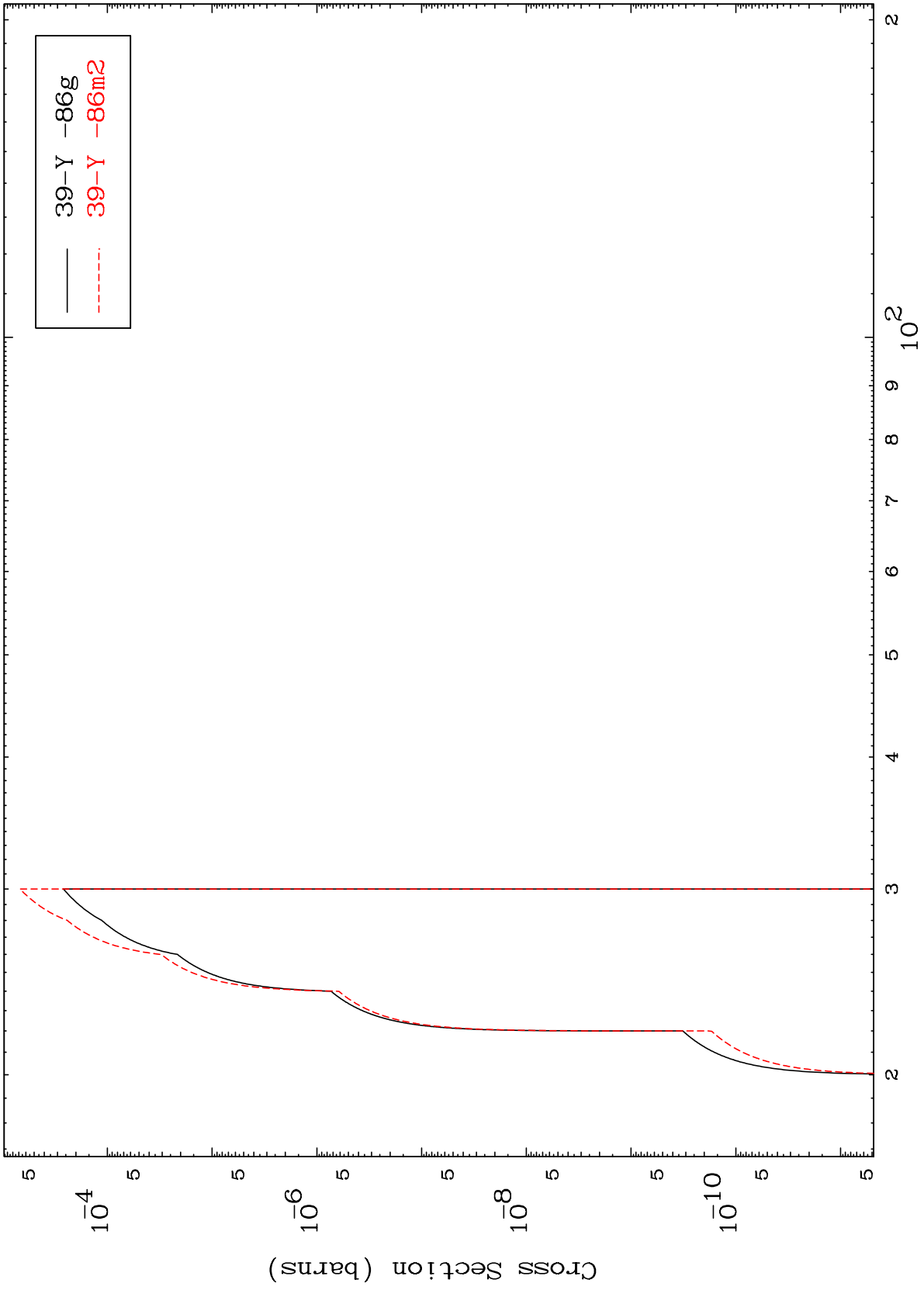
39-Y -85

MAT 3914

( $\alpha, p$ ) d

39-Y -85

Radionuclide Production Cross Section



26

Incident Energy (MeV)

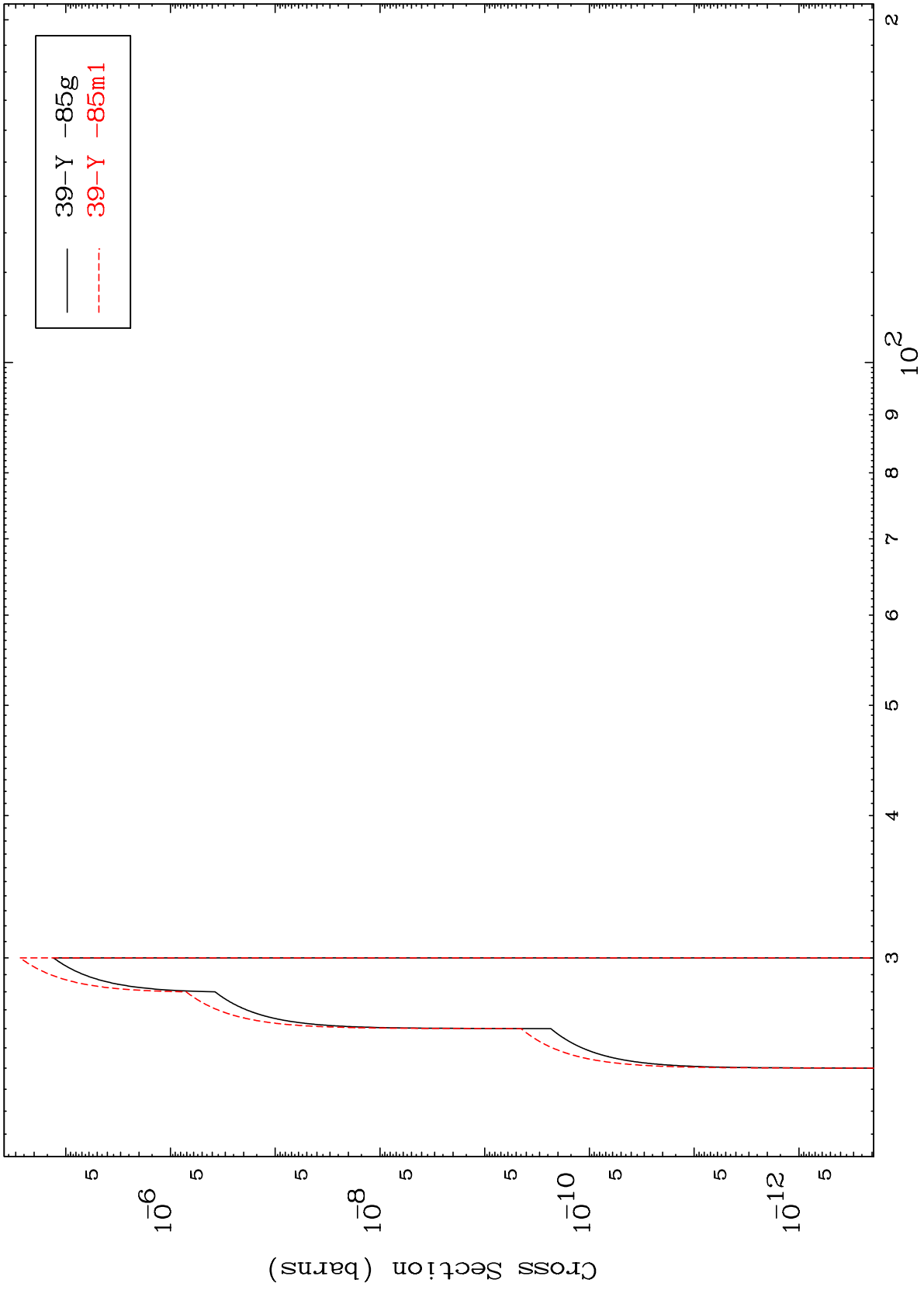
39-Y -85

MAT 3914

( $\alpha, p$ ) t

39-Y -85

Radionuclide Production Cross Section



27

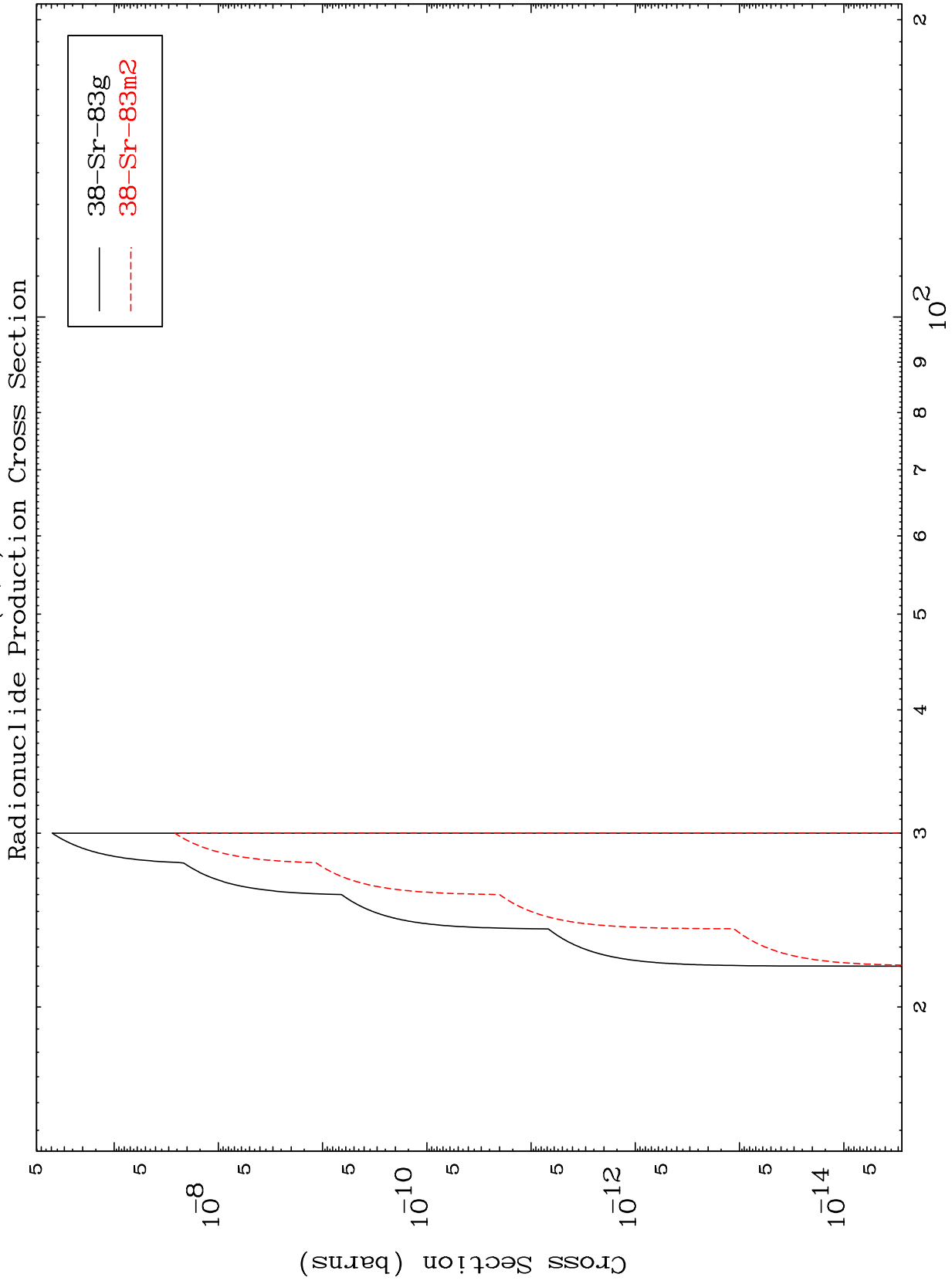
Incident Energy (MeV)

39-Y -85

MAT 3914

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

39-Y -85



28

Incident Energy (MeV)

39-Y -85