

Program EVALPLOT  
(Version 2018-1)

by

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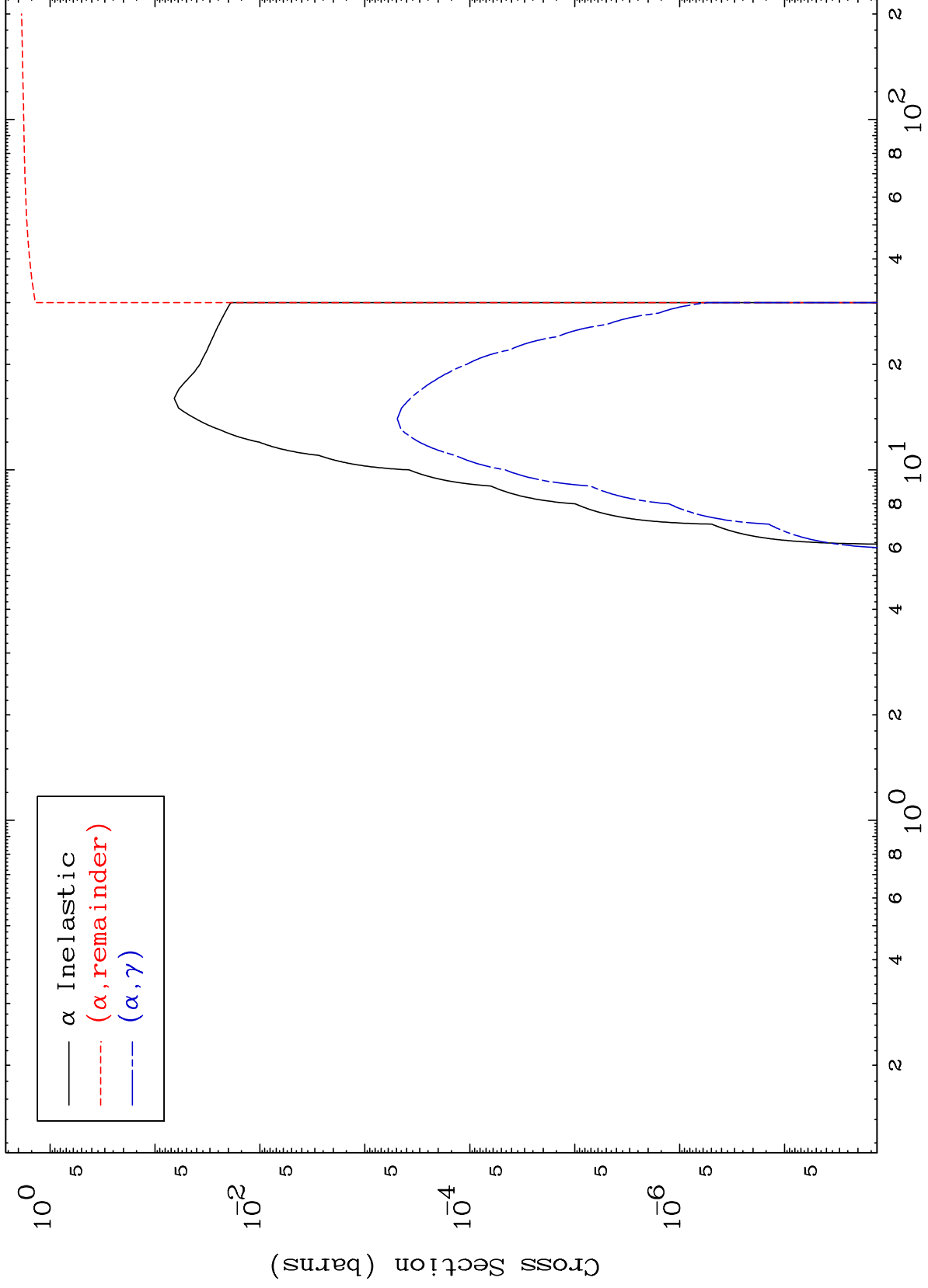
Press Mouse Button to Start

MAT 4011

$\alpha$  Major

40-Zr-85

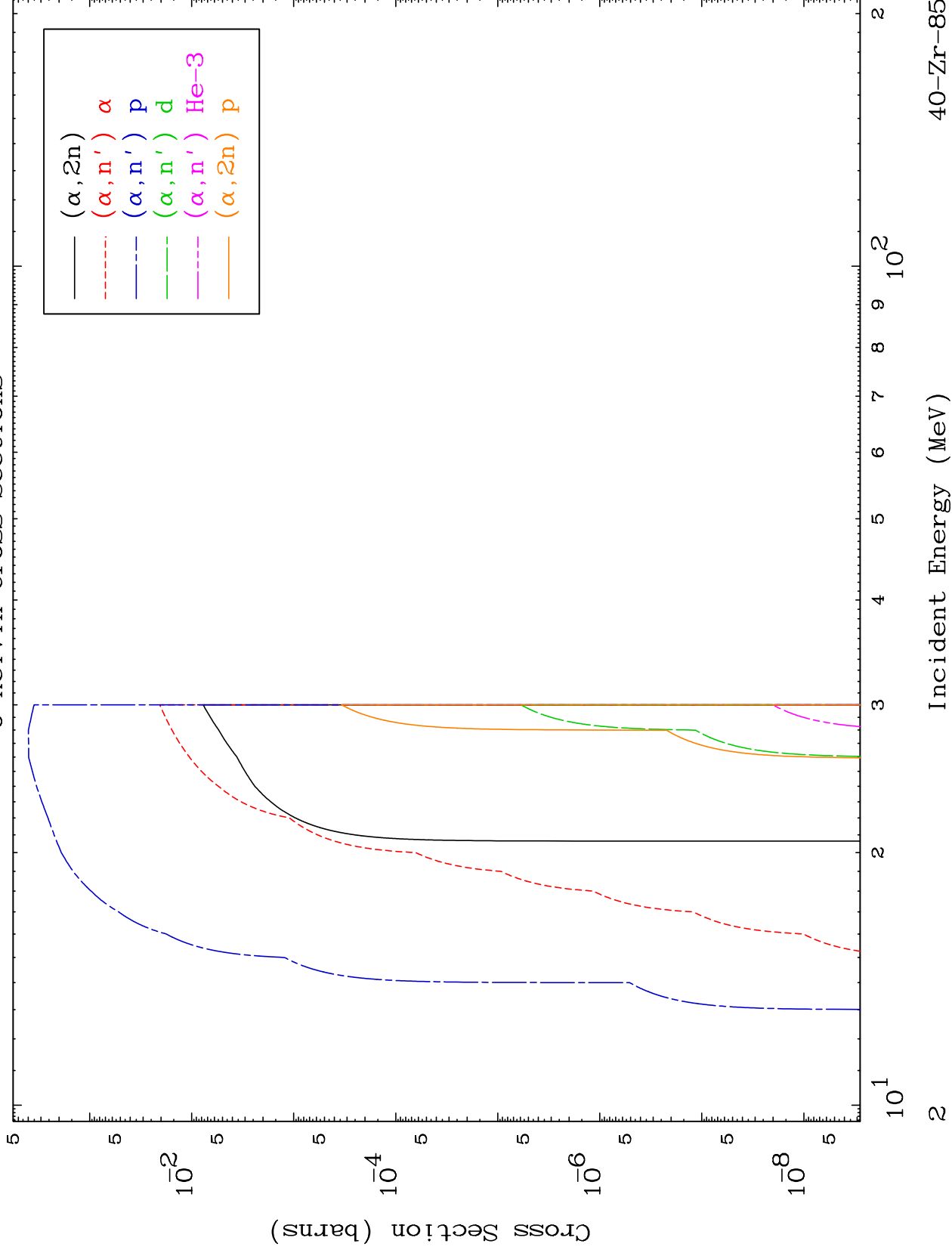
0 Kelvin Cross Sections



MAT 4011

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

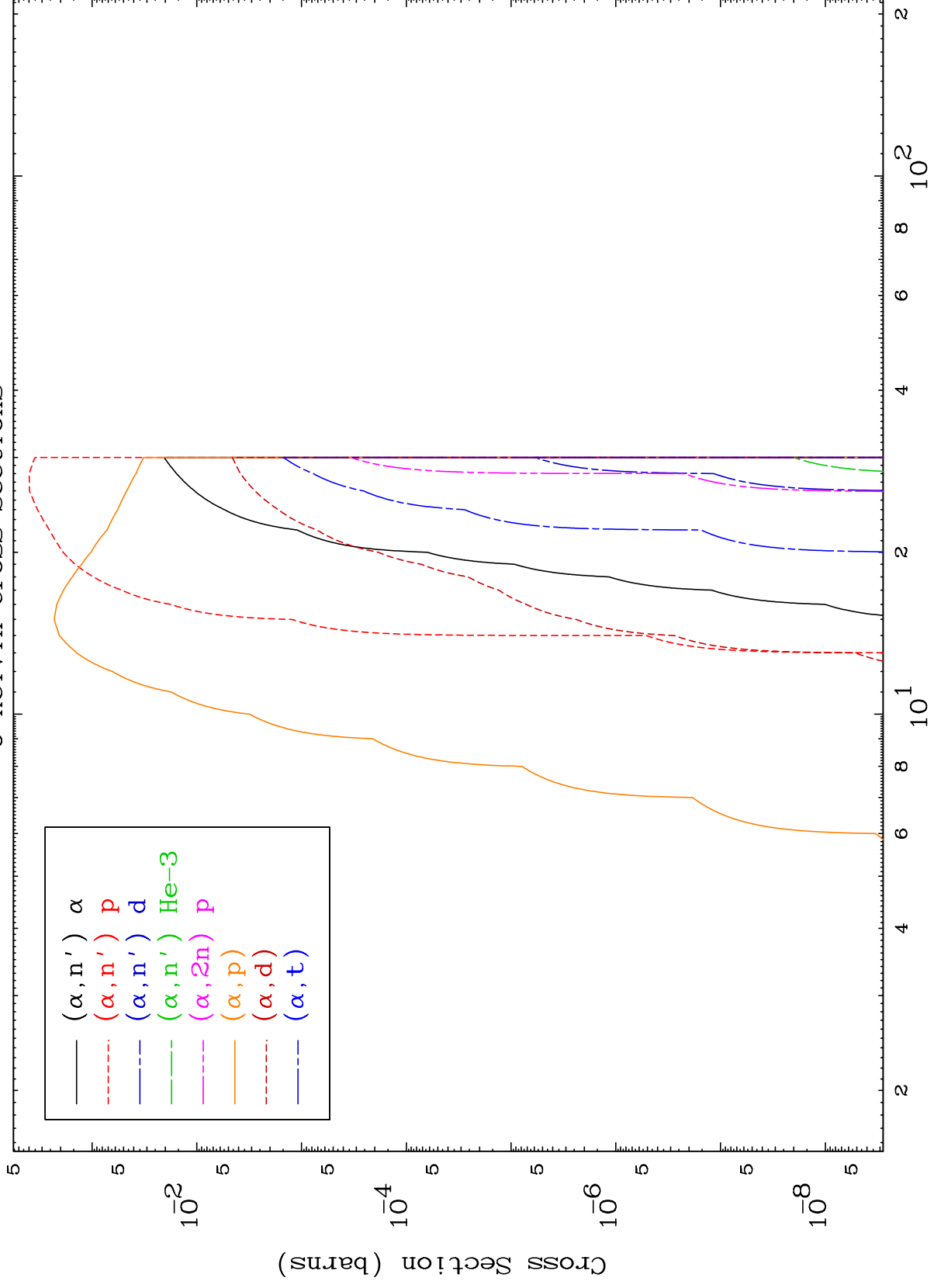
40-Zr-85



MAT 4011

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

40-Zr-85



3

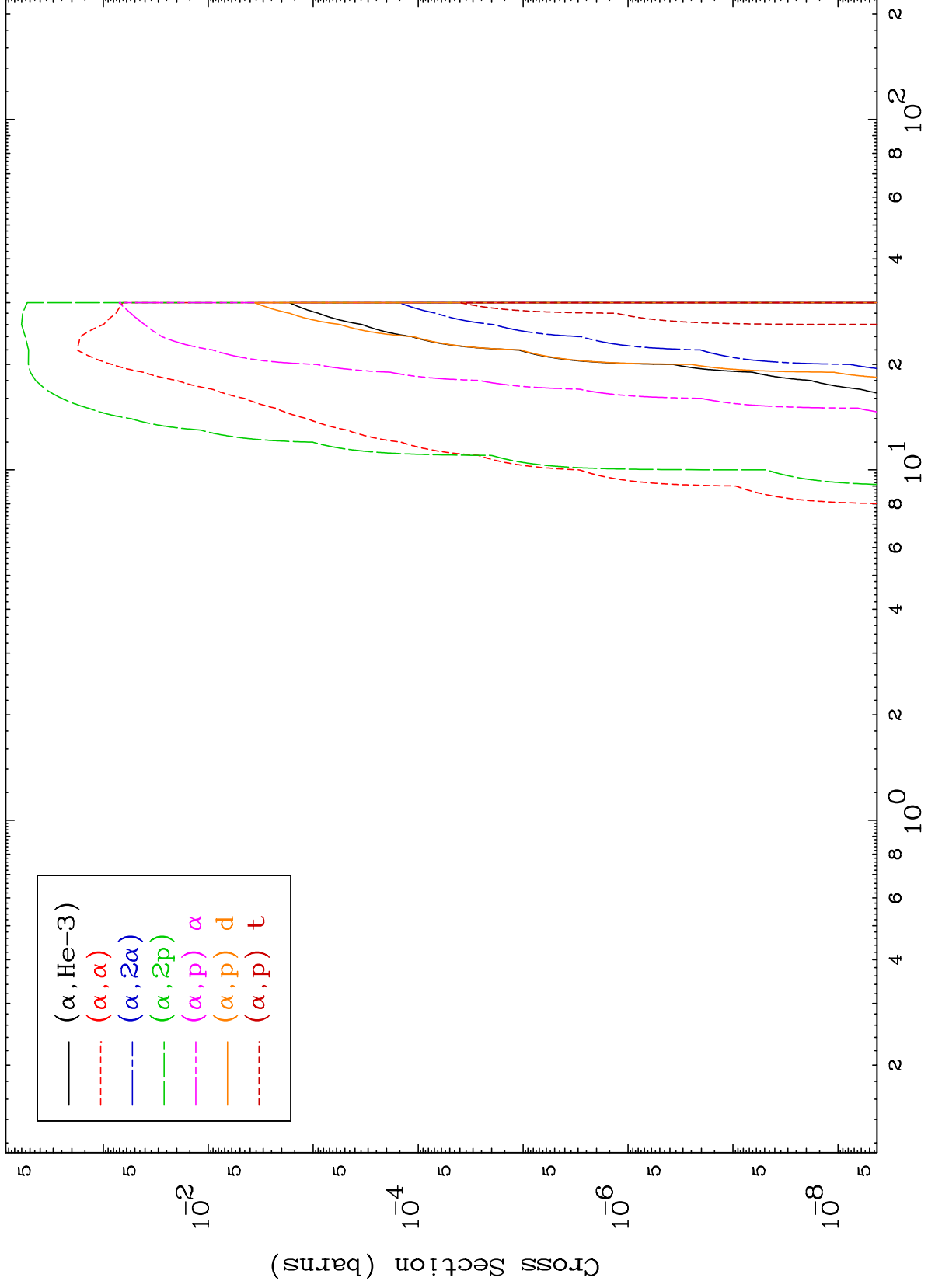
Incident Energy (MeV)

40-Zr-85

MAT 4011

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

40-Zr-85

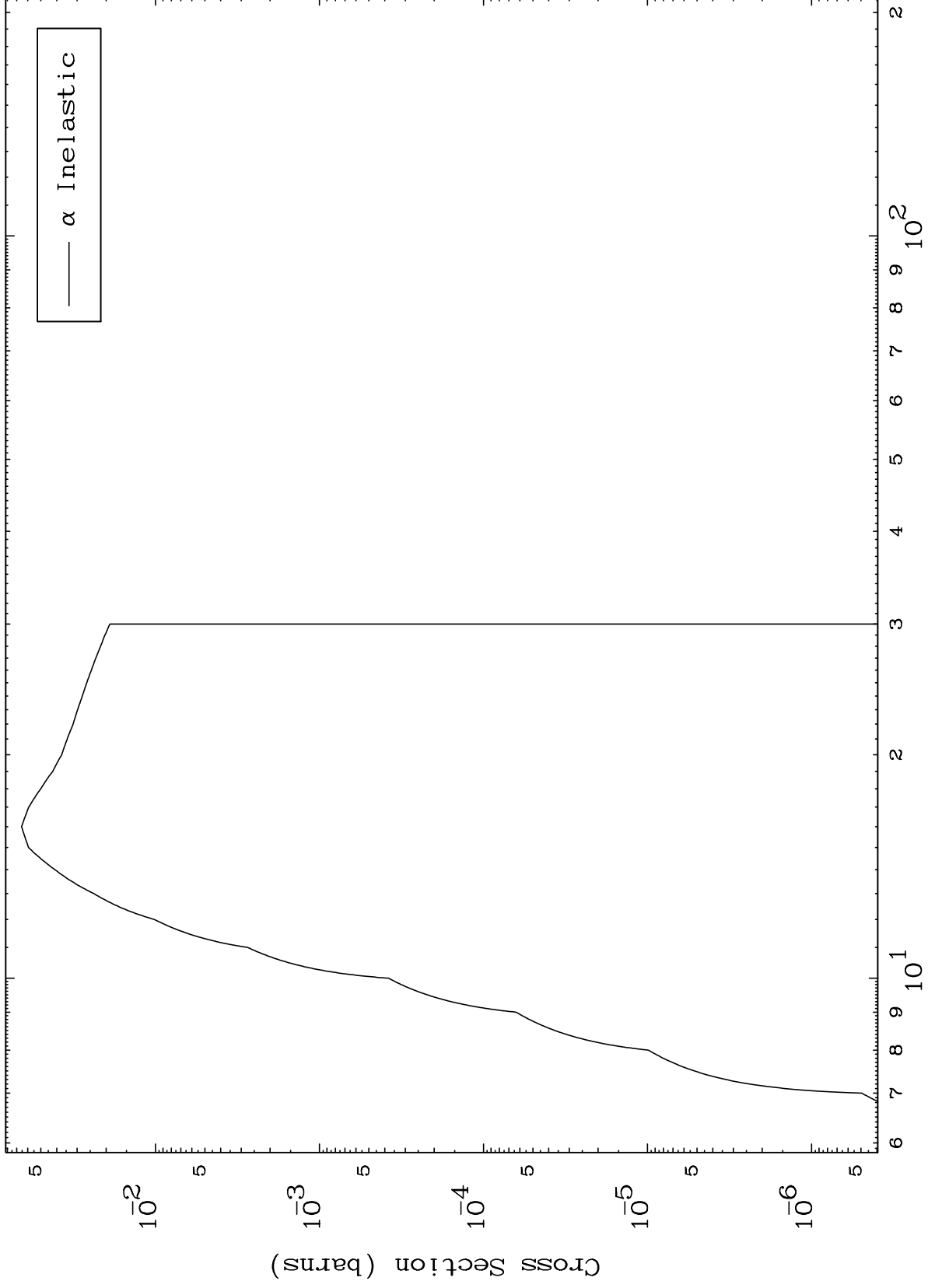


MAT 4011

( $\alpha, n'$ ) Level

40-Zr-85

0 Kelvin Cross Sections



5

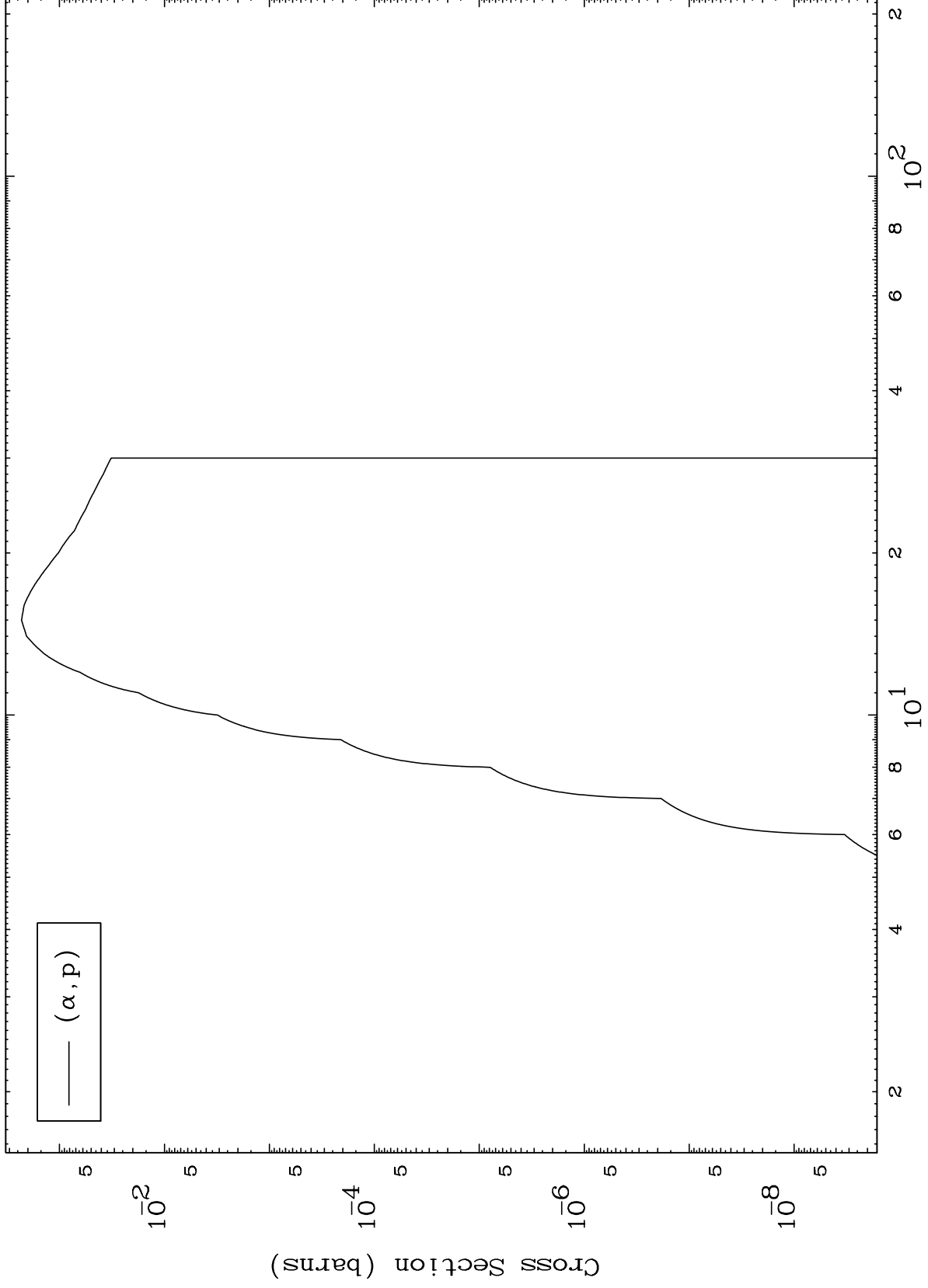
Incident Energy (MeV)

40-Zr-85

MAT 4011

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

40-Zr-85



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Incident Energy (MeV)

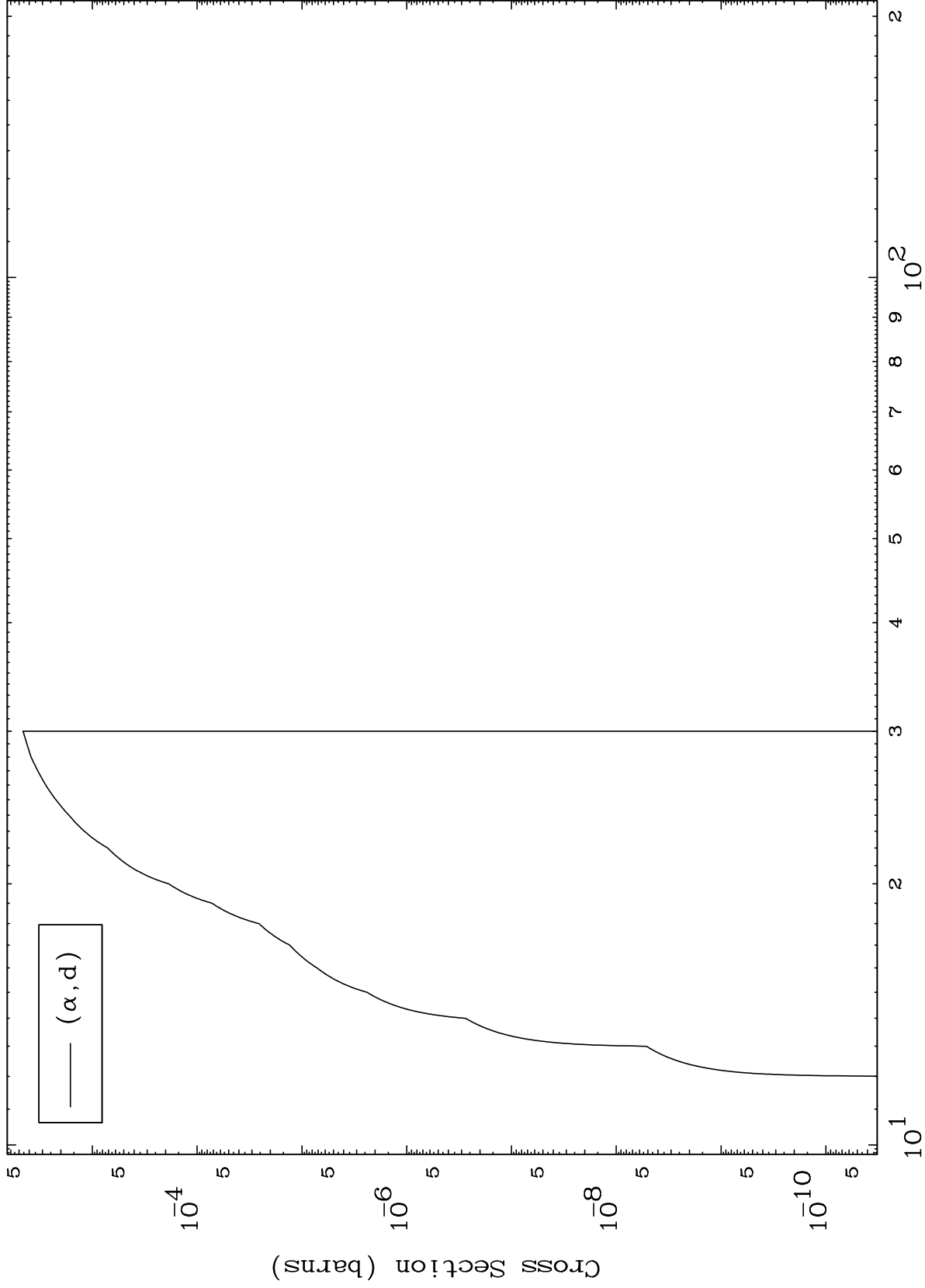
40-Zr-85

MAT 4011

( $\alpha, d$ ) Levels

40-Zr-85

0 Kelvin Cross Sections



Incident Energy (MeV)

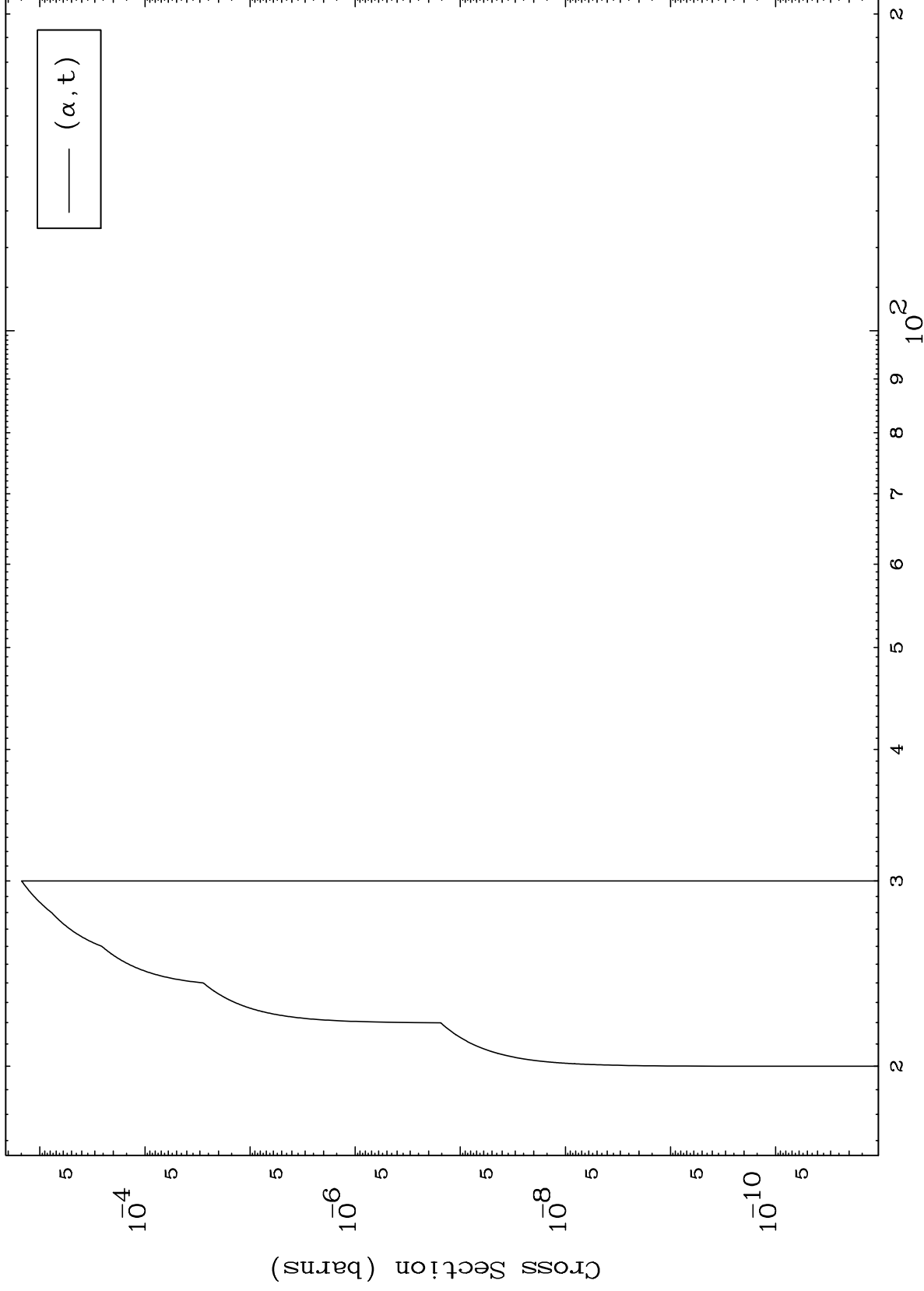
40-Zr-85



MAT 4011

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

40-Zr-85



8

Incident Energy (MeV)

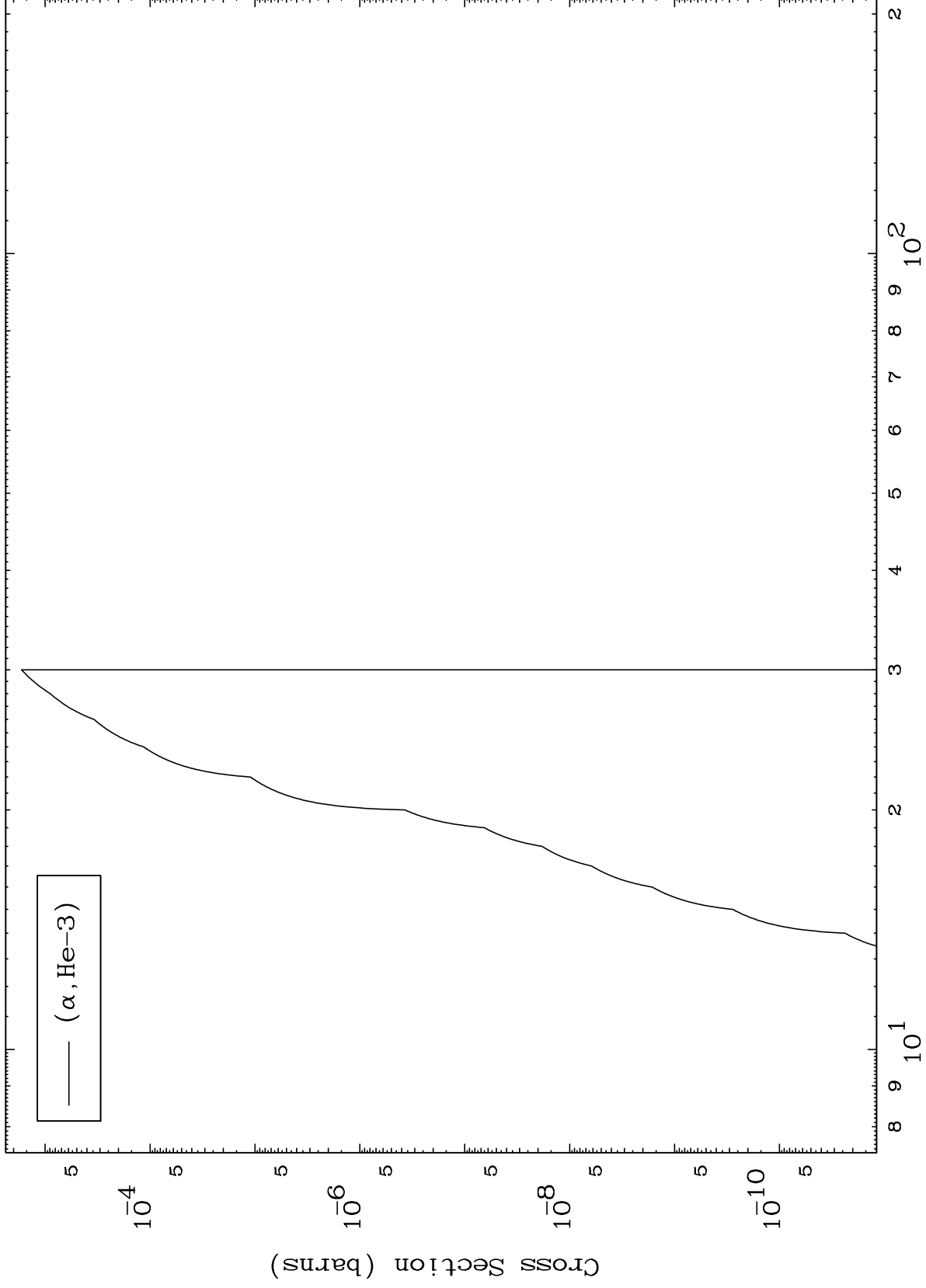
40-Zr-85

MAT 4011

( $\alpha$ ,He3) Levels

40-Zr-85

0 Kelvin Cross Sections



9

Incident Energy (MeV)

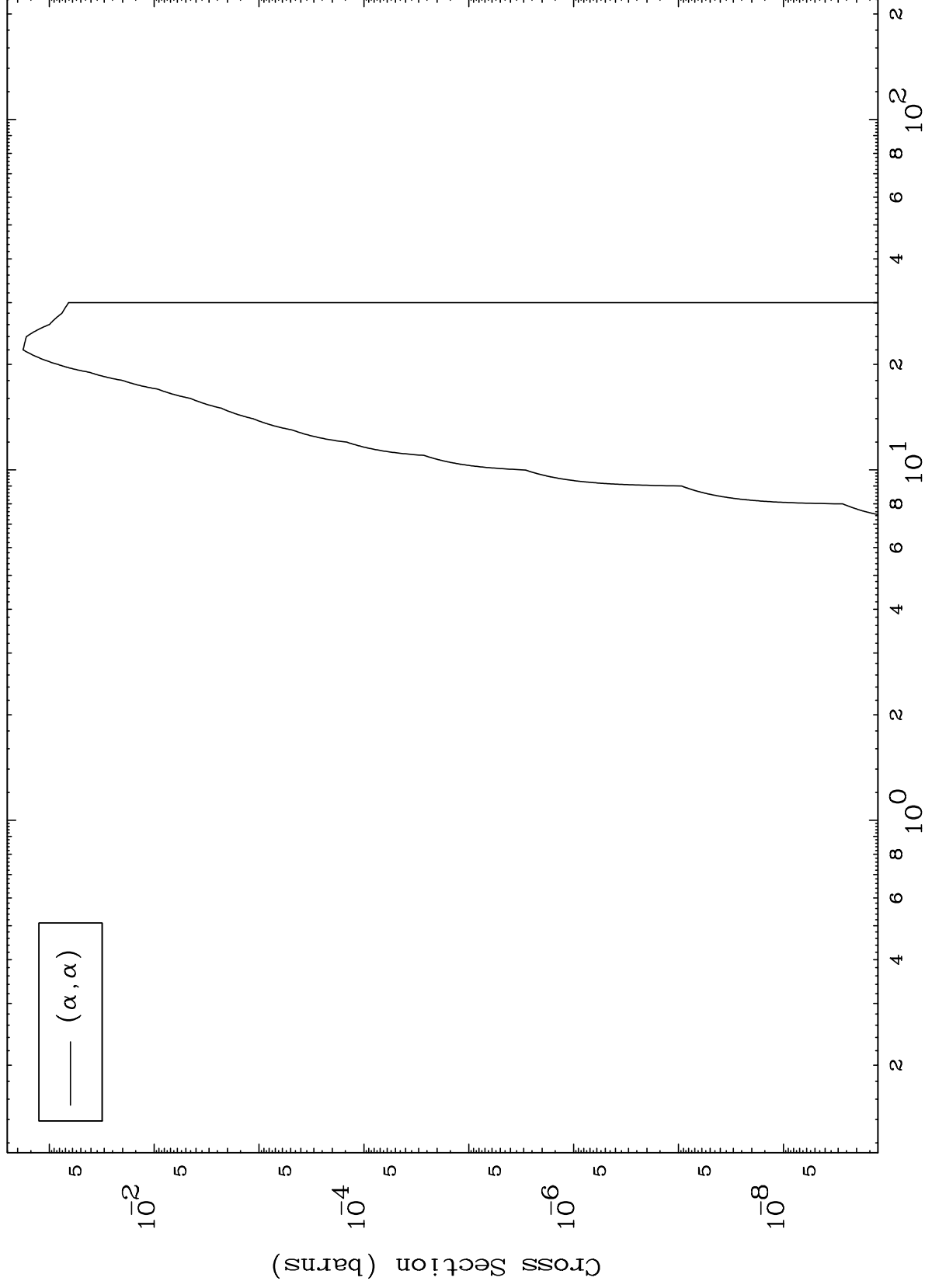
40-Zr-85

MAT 4011

( $\alpha, \alpha$ ) Levels

40-Zr-85

0 Kelvin Cross Sections

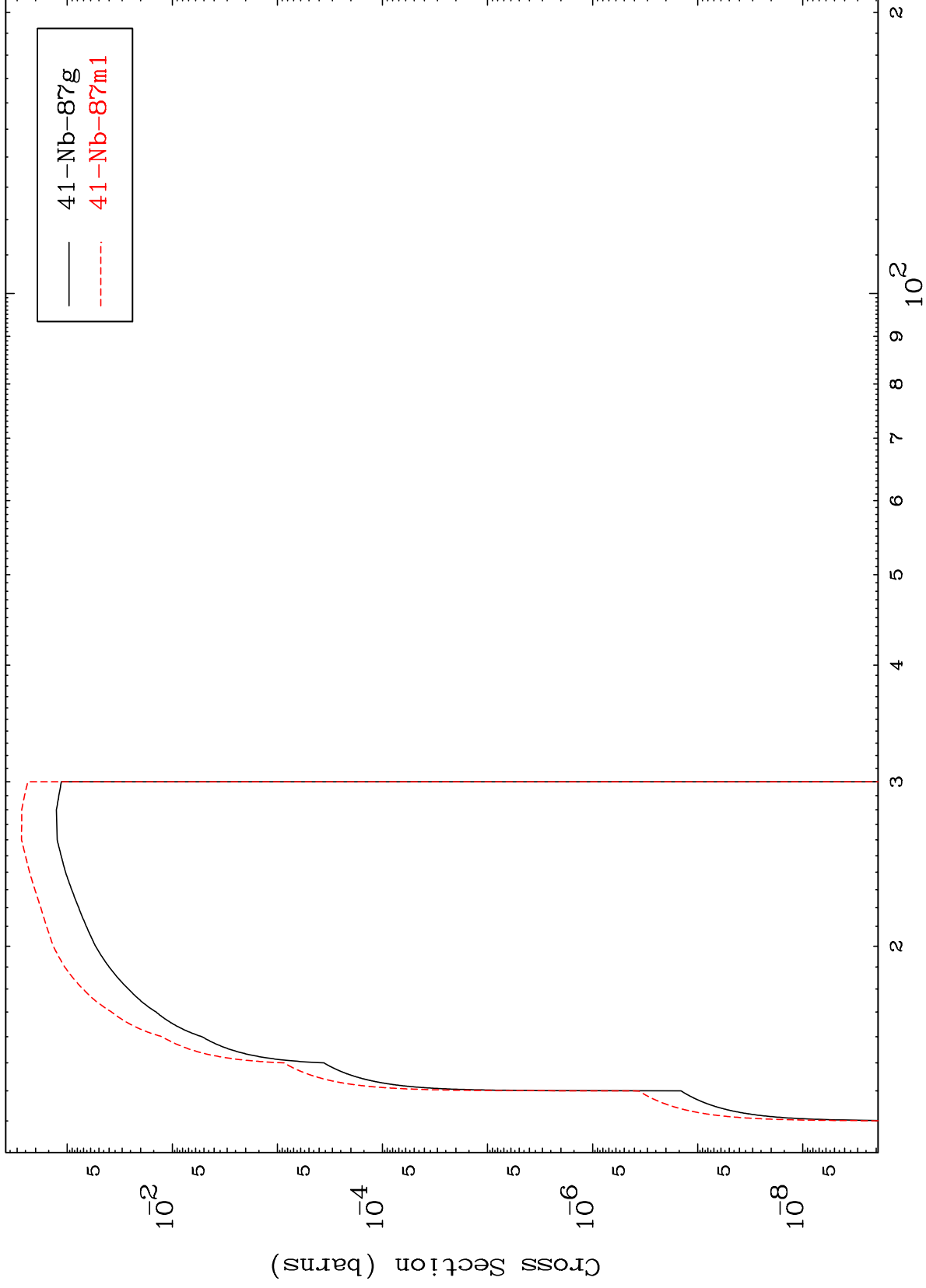


10

Incident Energy (MeV)

40-Zr-85

Radionuclide Production Cross Section

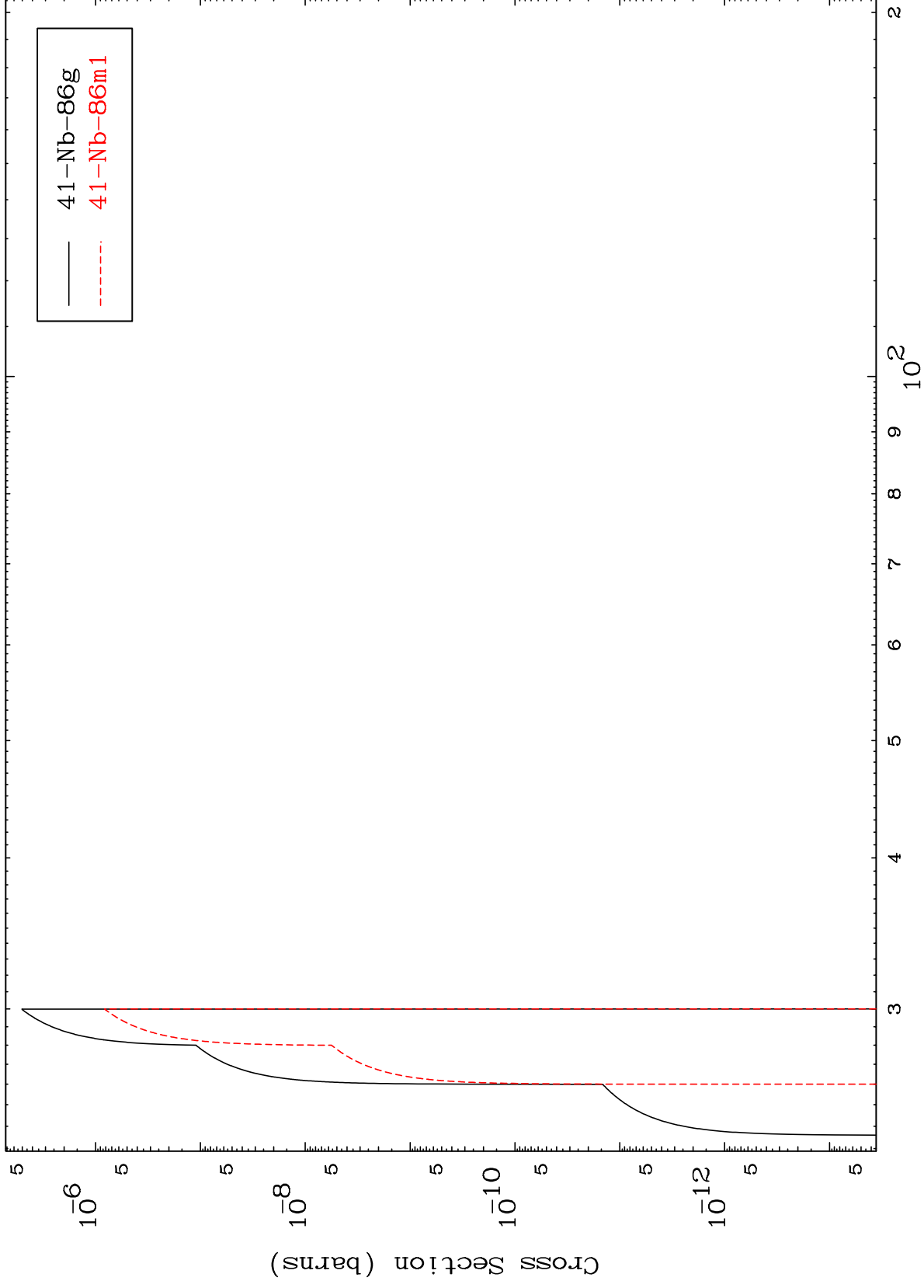


MAT 4011

( $\alpha, n'$ ) d

40-Zr-85

Radionuclide Production Cross Section

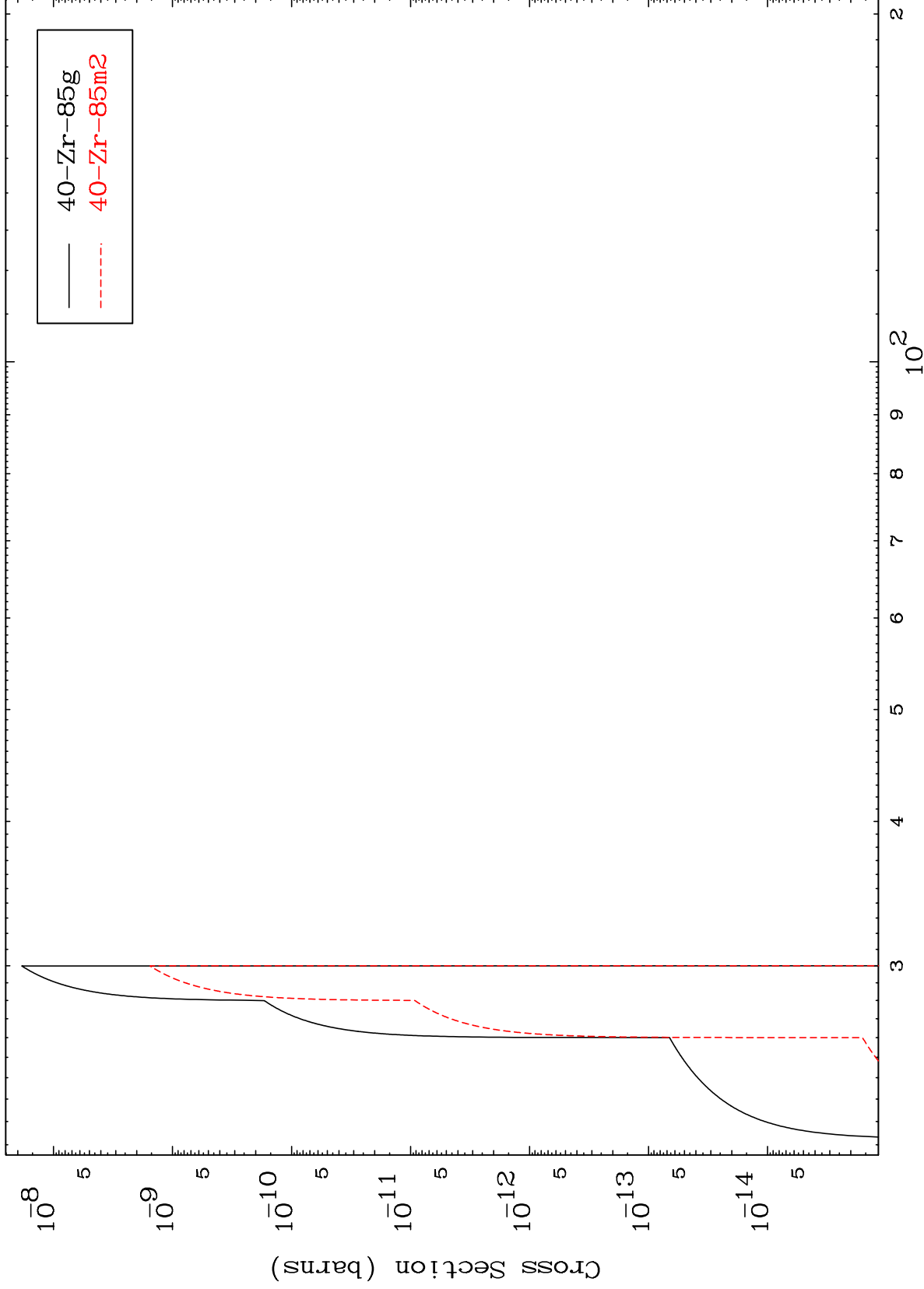


12

Incident Energy (MeV)

40-Zr-85

Radionuclide Production Cross Section

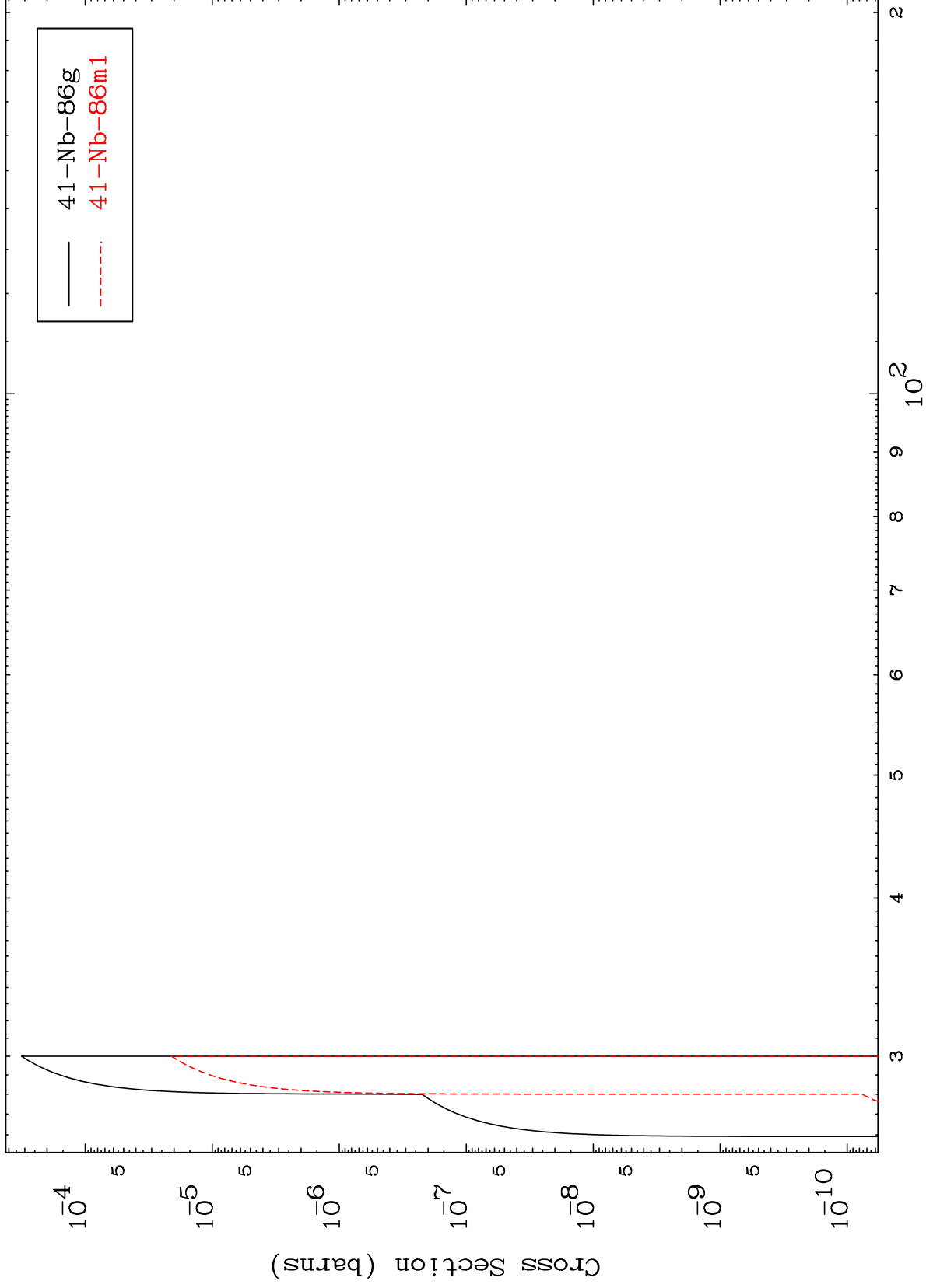


MAT 4011

$(\alpha, 2n)$  p

40-Zr-85

Radionuclide Production Cross Section



14

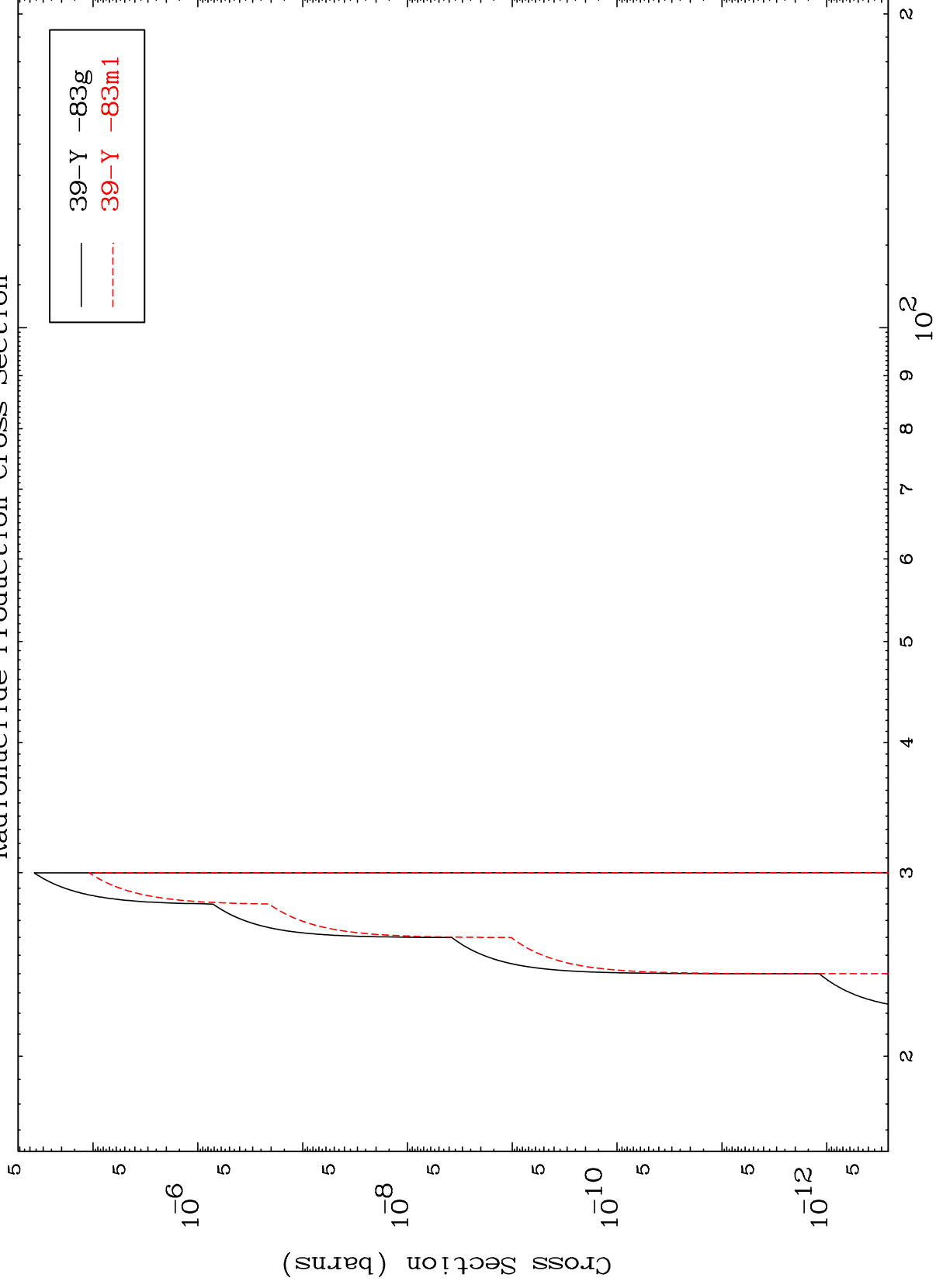
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

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



15

Incident Energy (MeV)

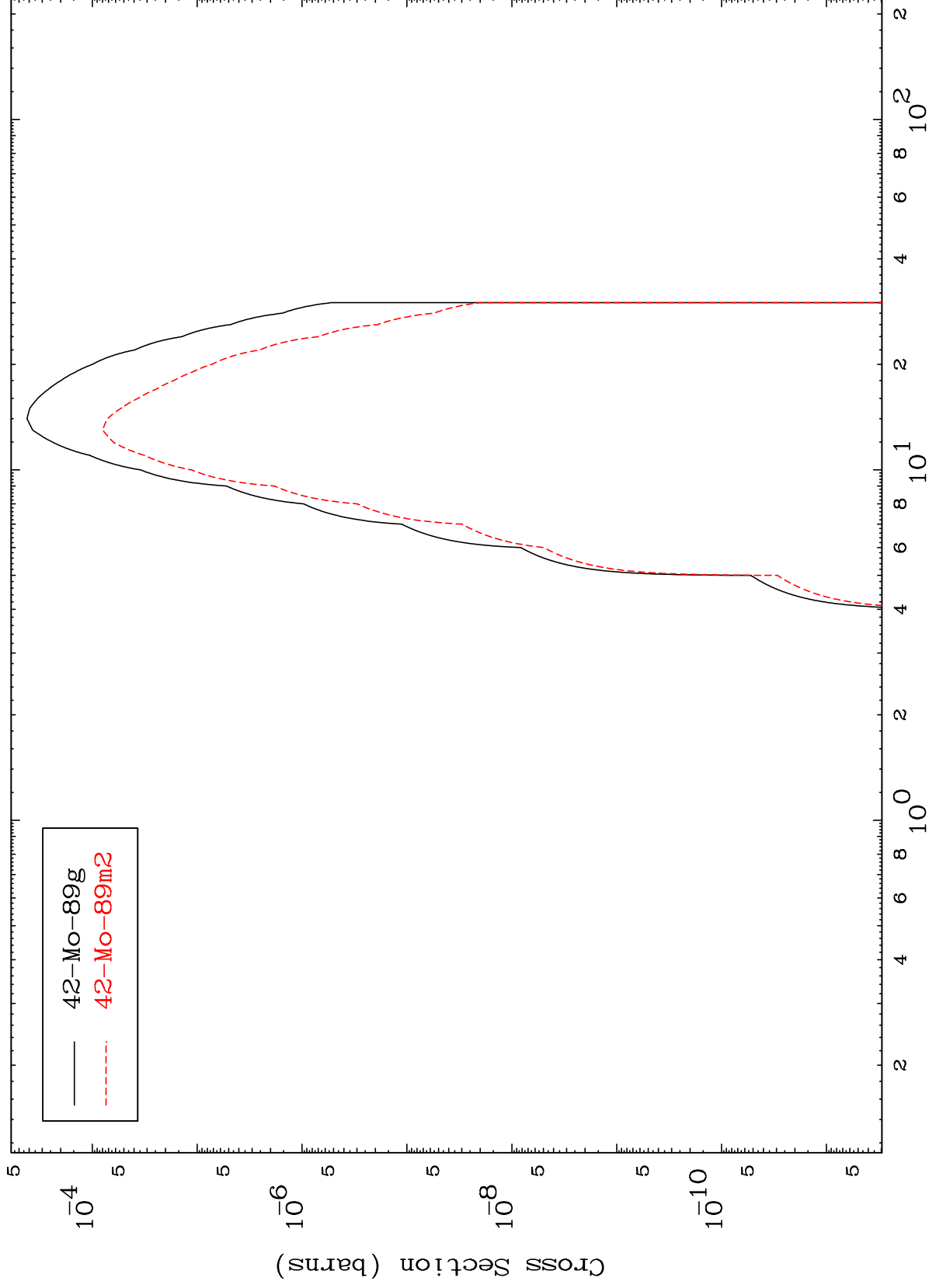
40-Zr-85



MAT 4011

40-Zr-85

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



16

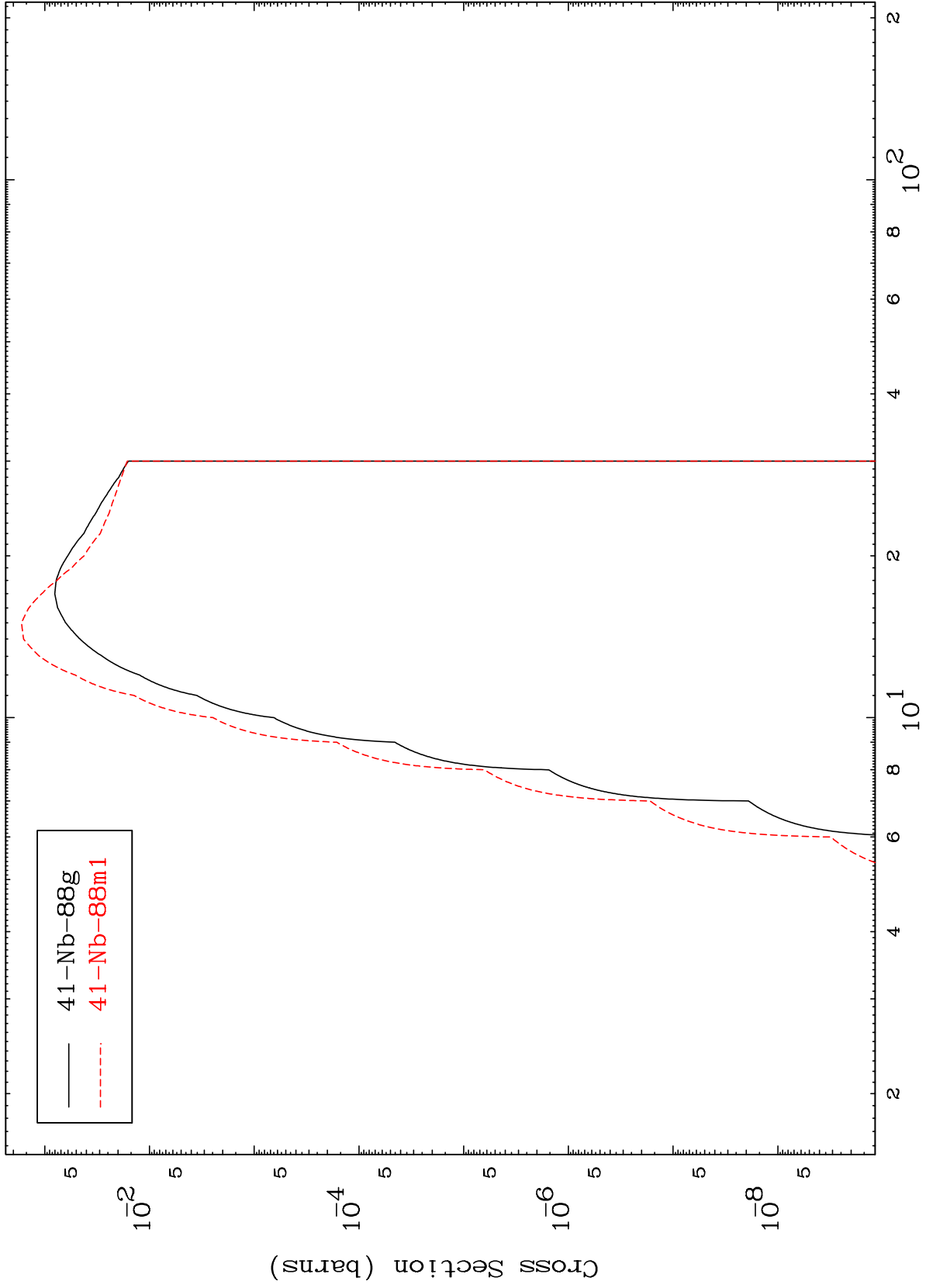
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

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



17

Incident Energy (MeV)

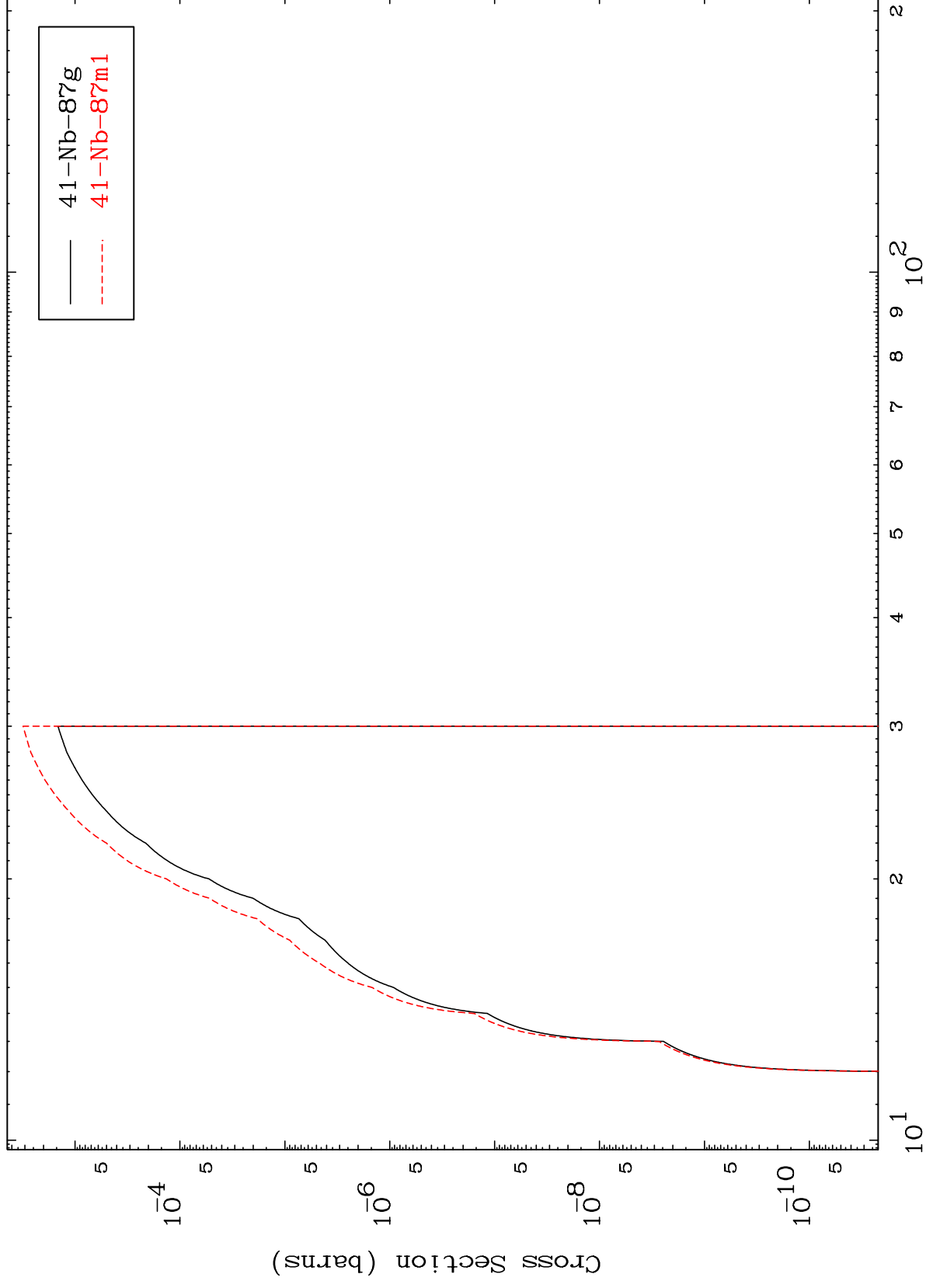
40-Zr-85

MAT 4011

( $\alpha, d$ )

40-Zr-85

Radionuclide Production Cross Section



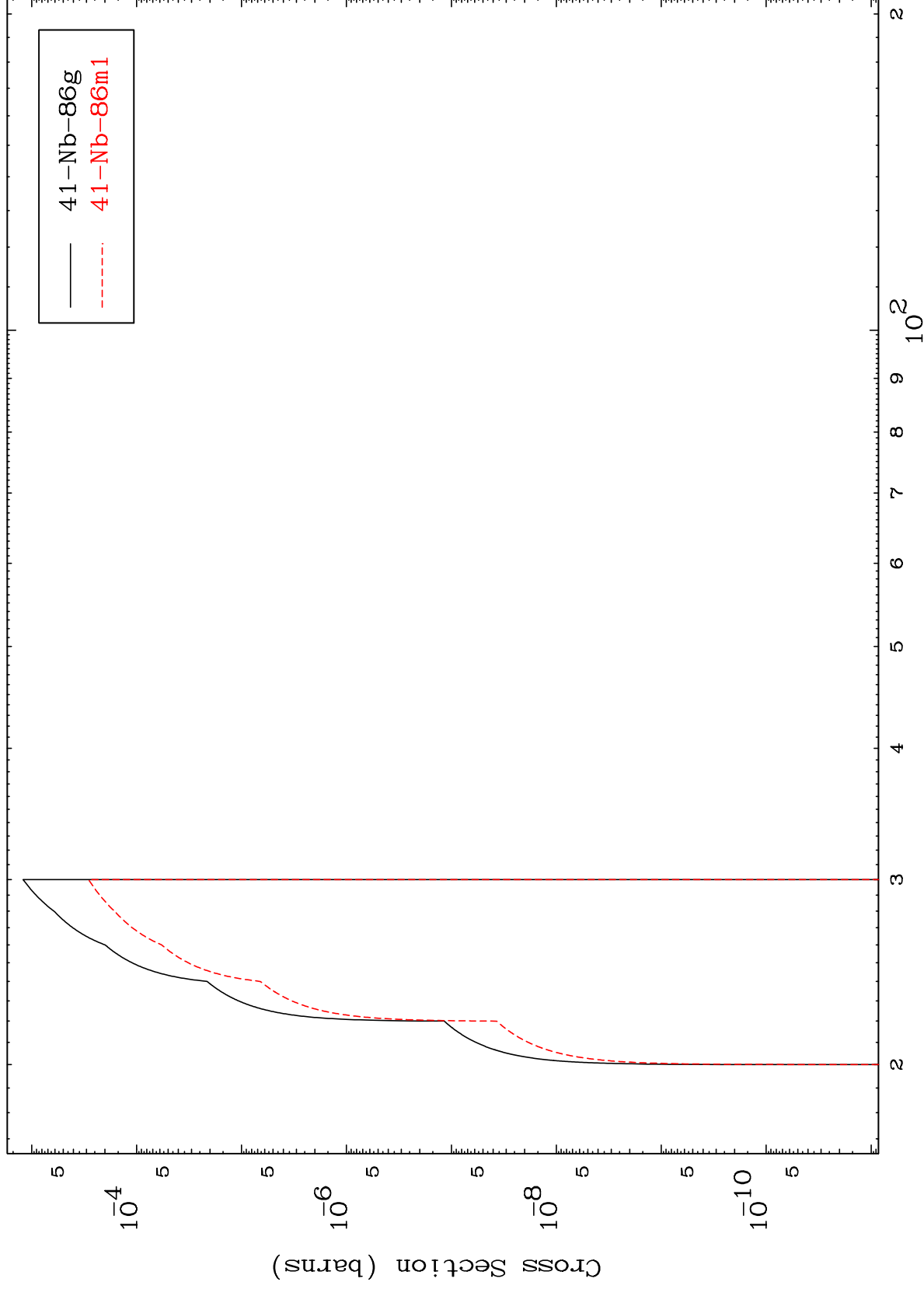
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

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



19

Incident Energy (MeV)

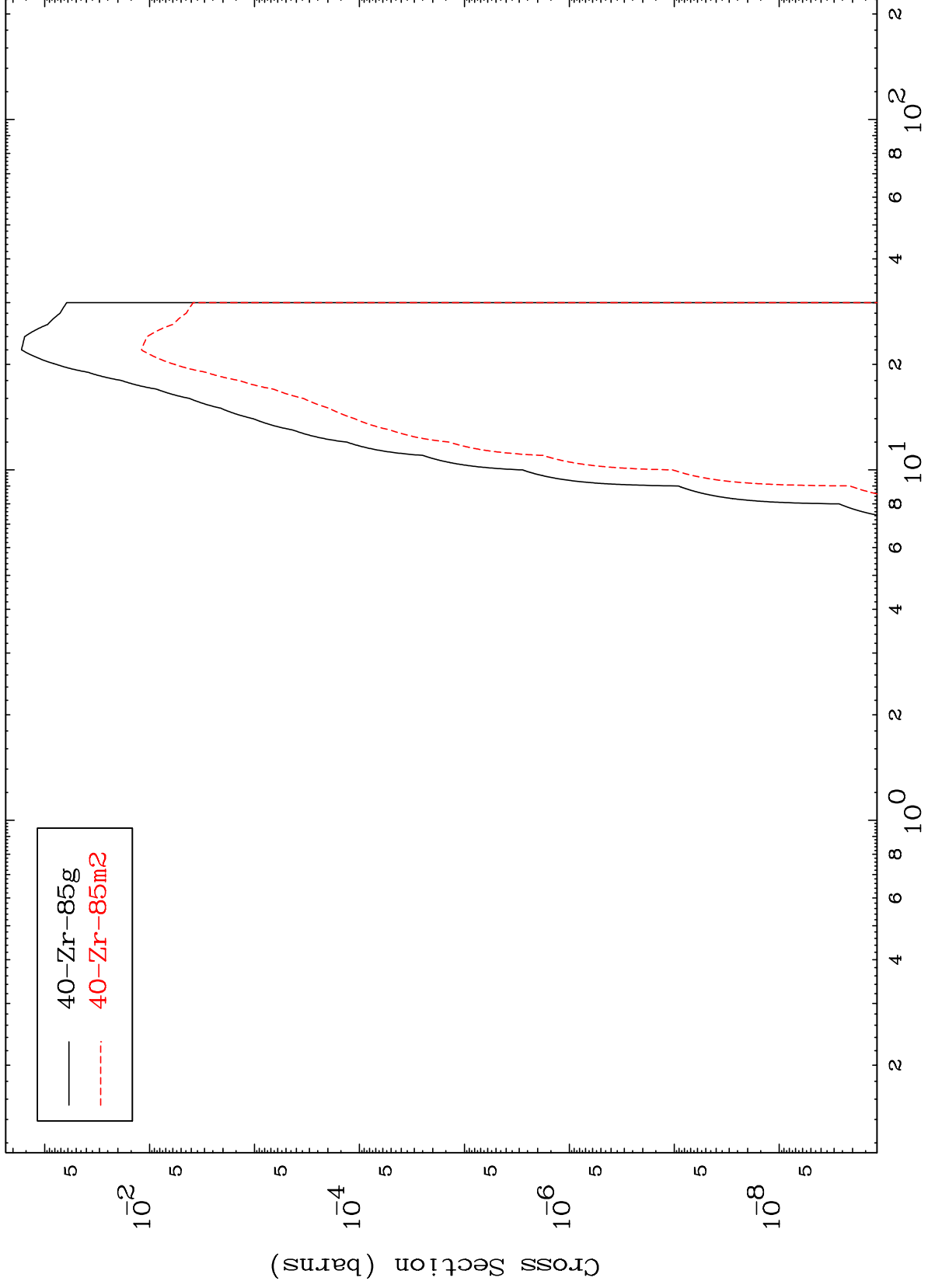
40-Zr-85

MAT 4011

( $\alpha, \alpha$ )

40-Zr-85

Radionuclide Production Cross Section



— 40-Zr-85g  
- - - 40-Zr-85m2

20

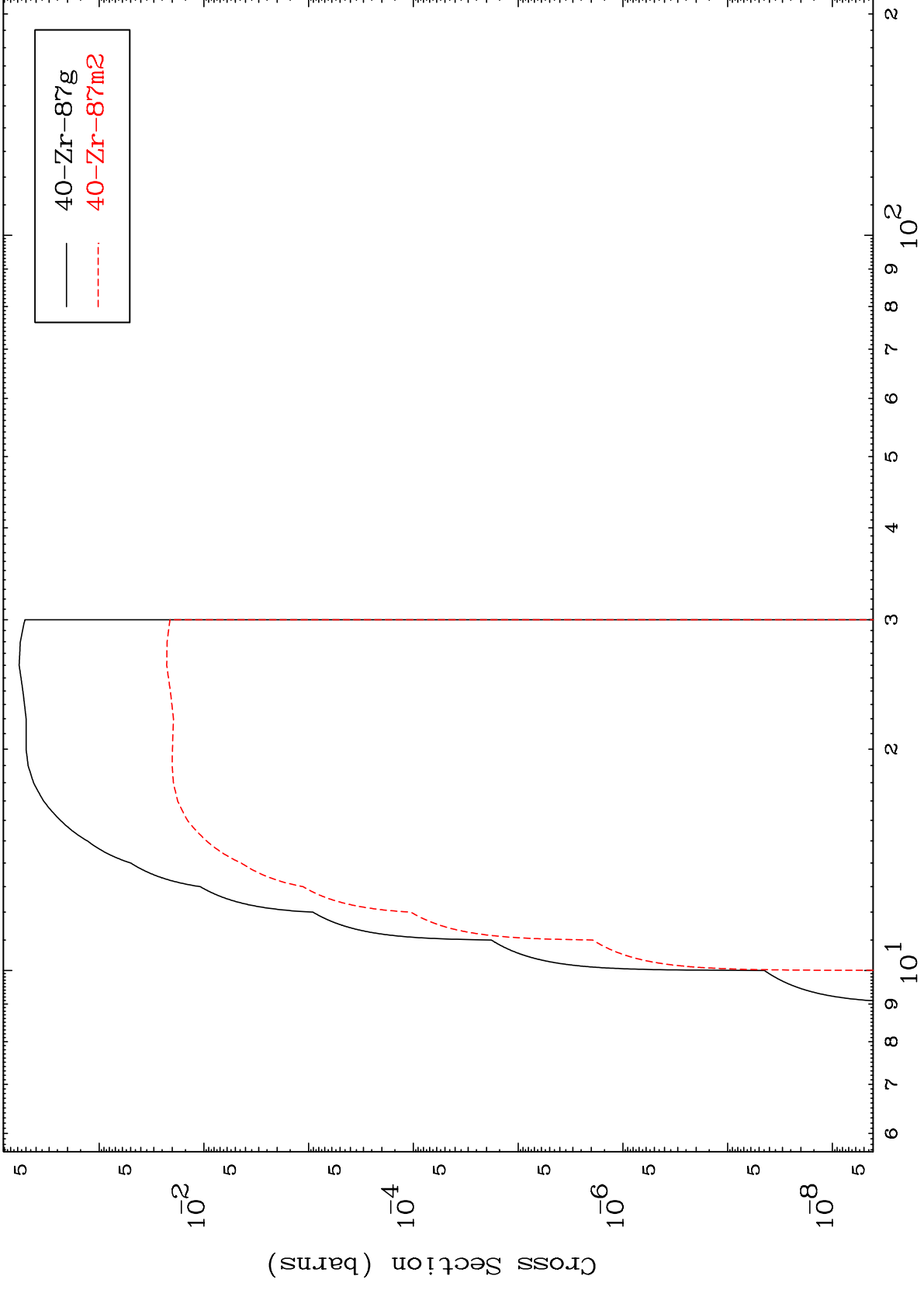
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

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



21

Incident Energy (MeV)

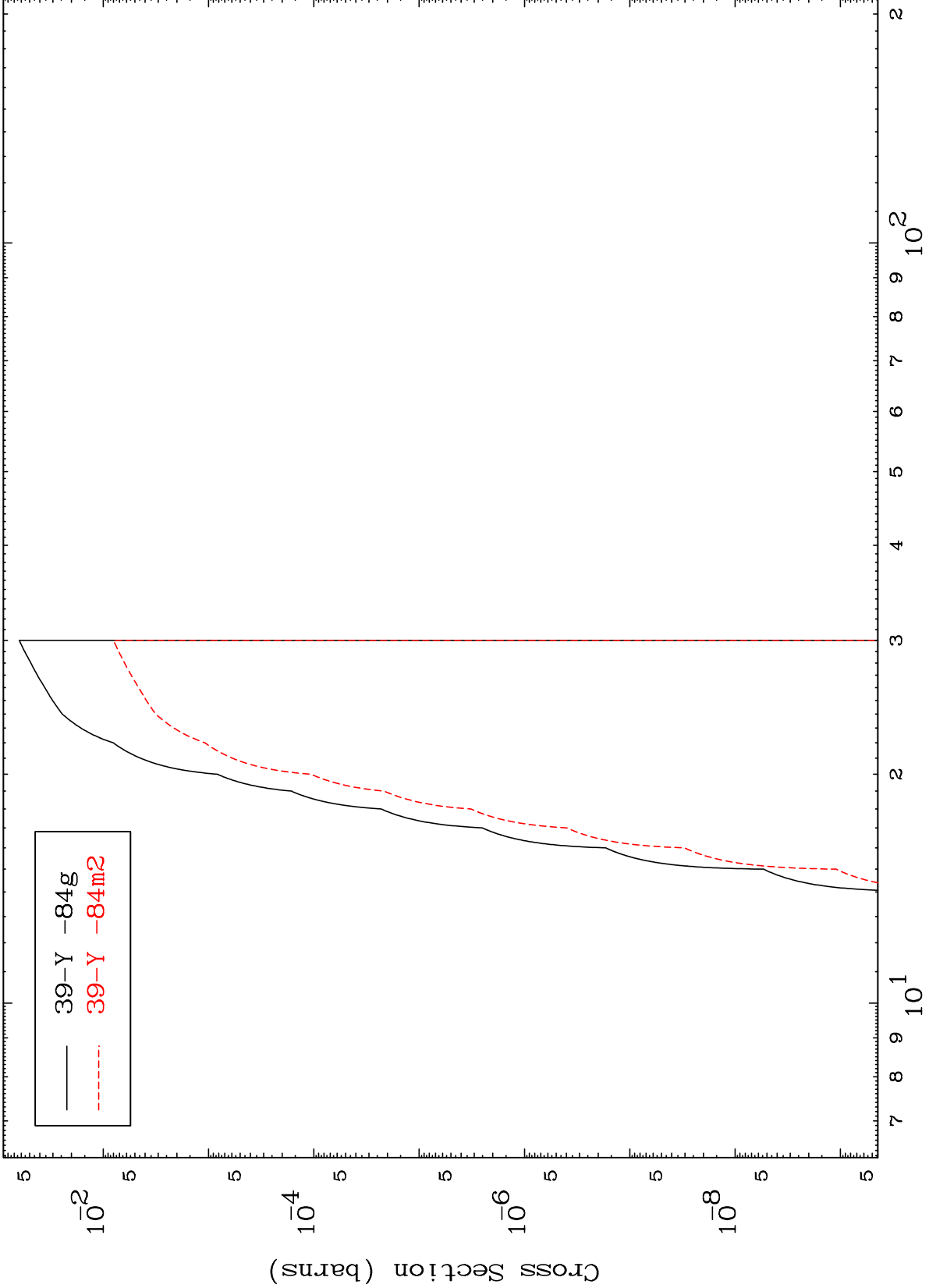
40-Zr-85

MAT 4011

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

40-Zr-85

Radionuclide Production Cross Section

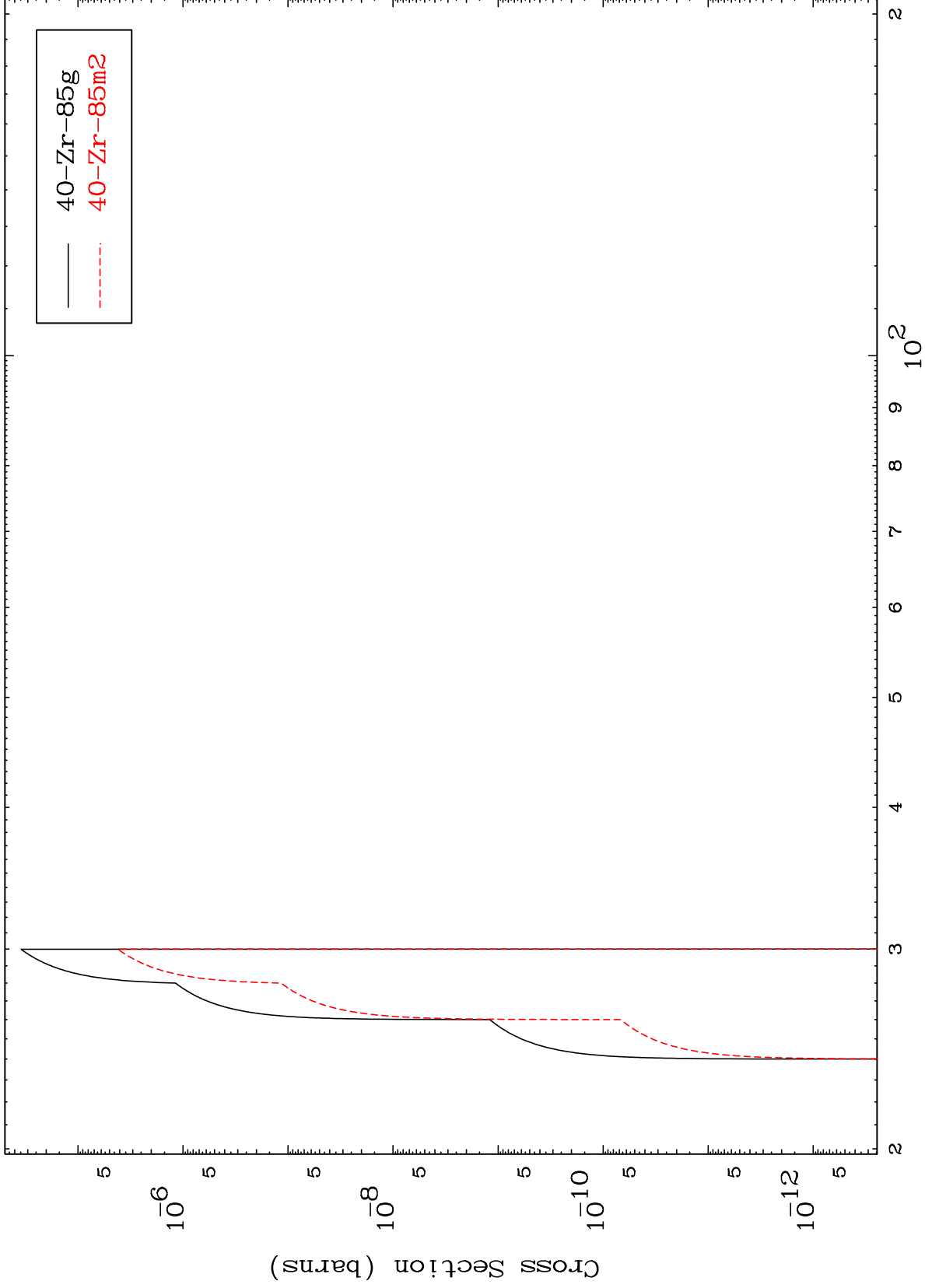


— 39-Y -84g  
- - - 39-Y -84m2

Incident Energy (MeV)

40-Zr-85

Radionuclide Production Cross Section



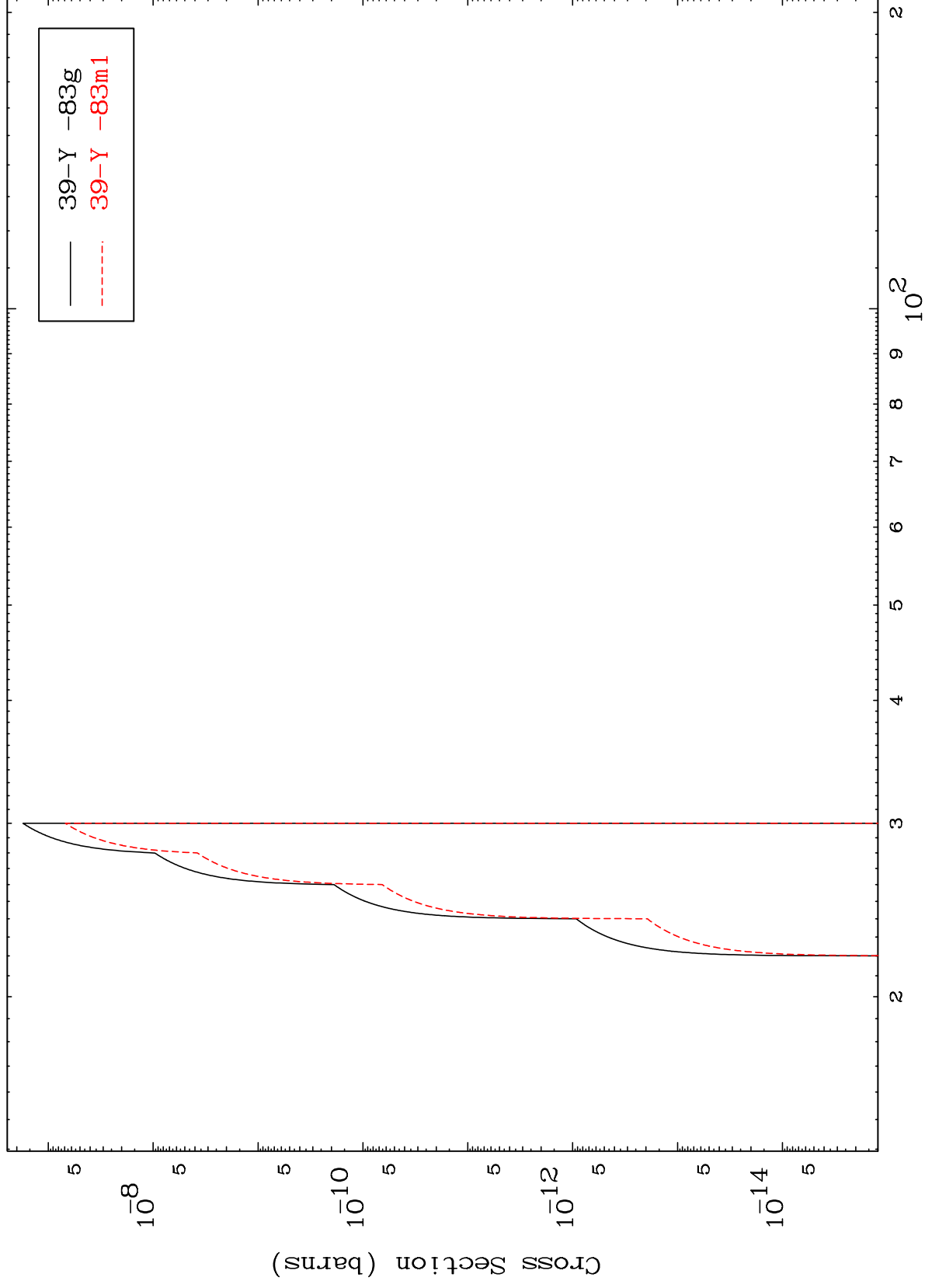


MAT 4011

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

40-Zr-85

Radionuclide Production Cross Section



24

Incident Energy (MeV)

40-Zr-85