

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

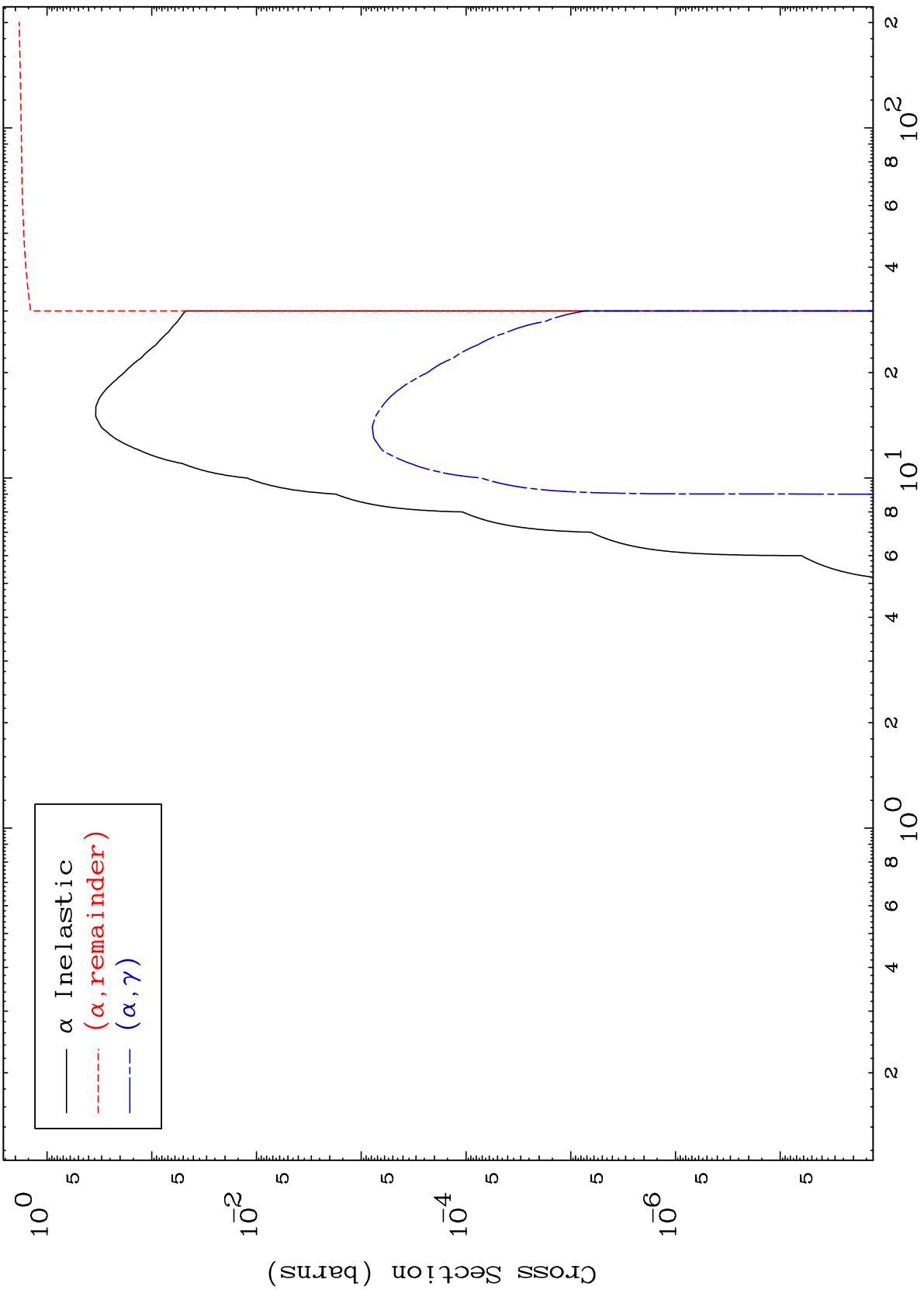
Press Mouse Button to Start

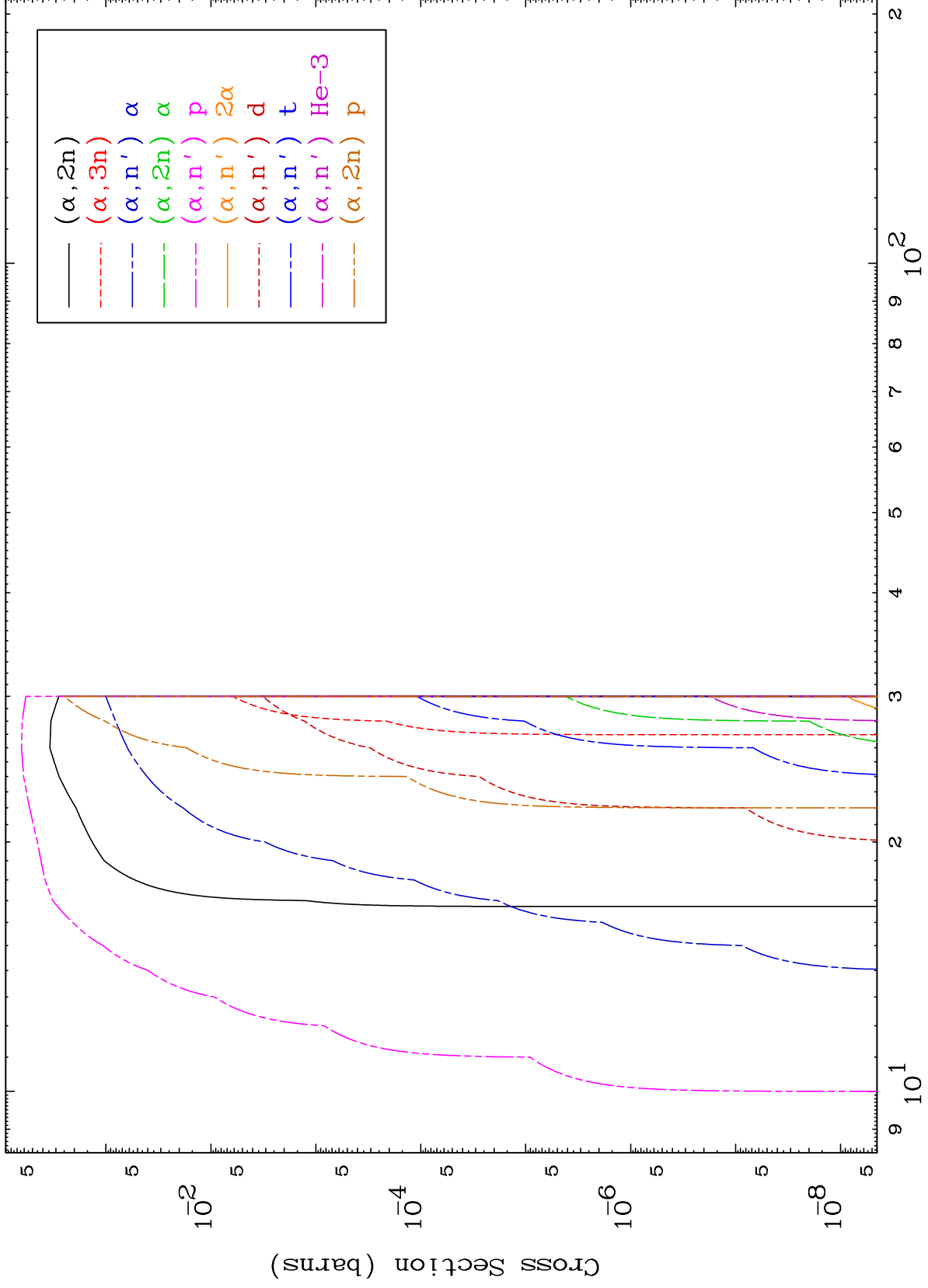
MAT 3717

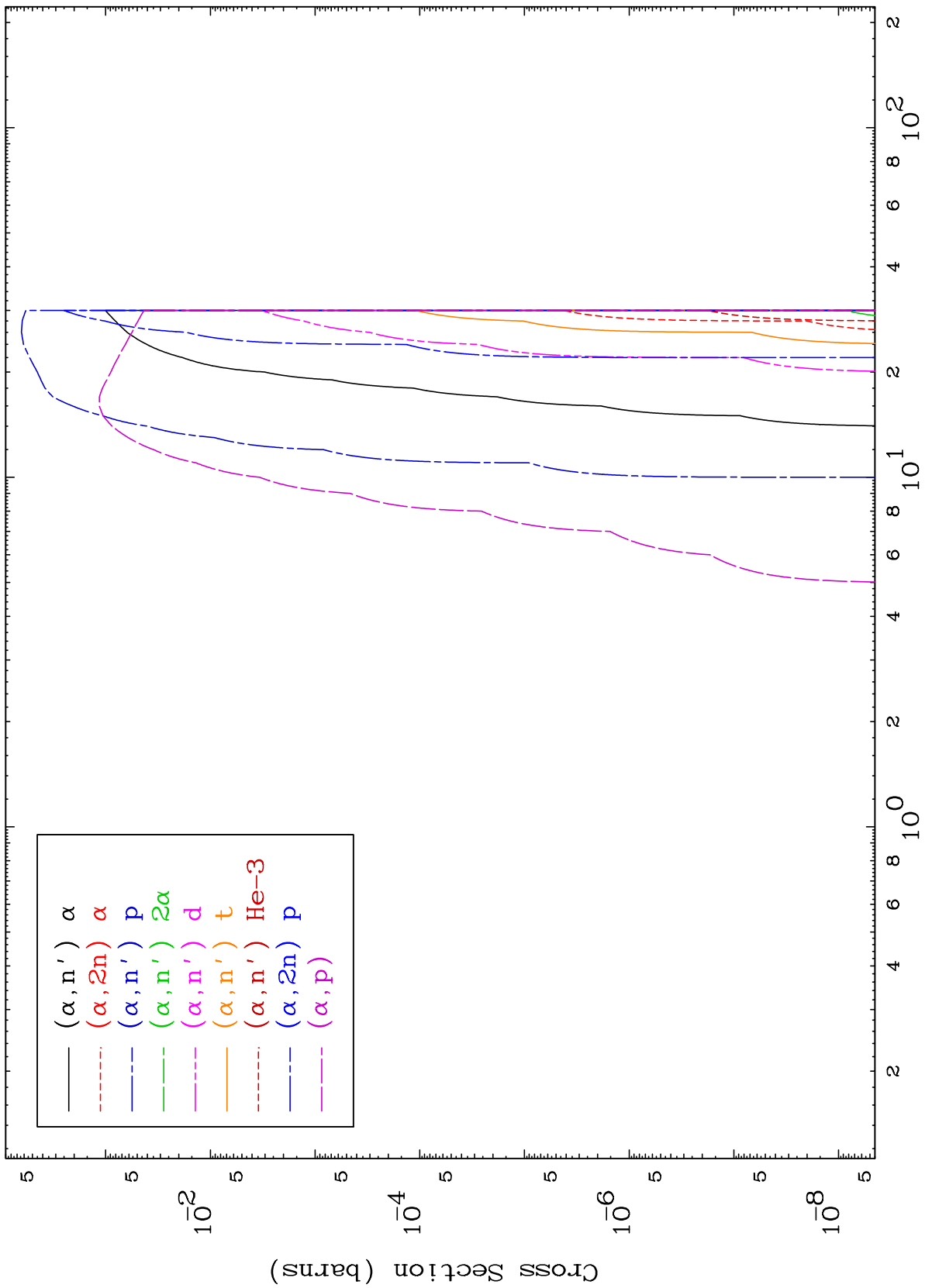
$\alpha$  Major

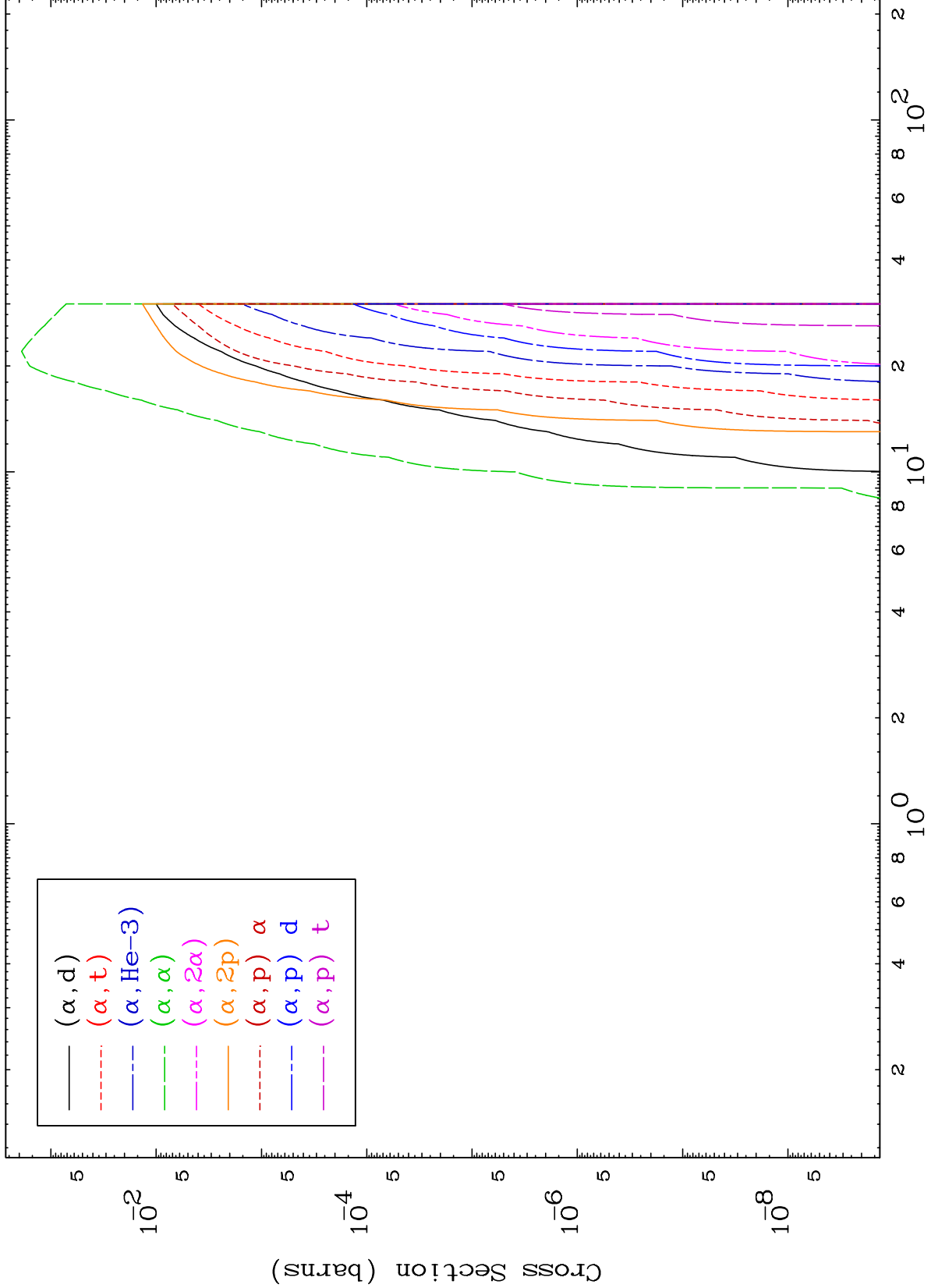
37-Rb-82

0 Kelvin Cross Sections







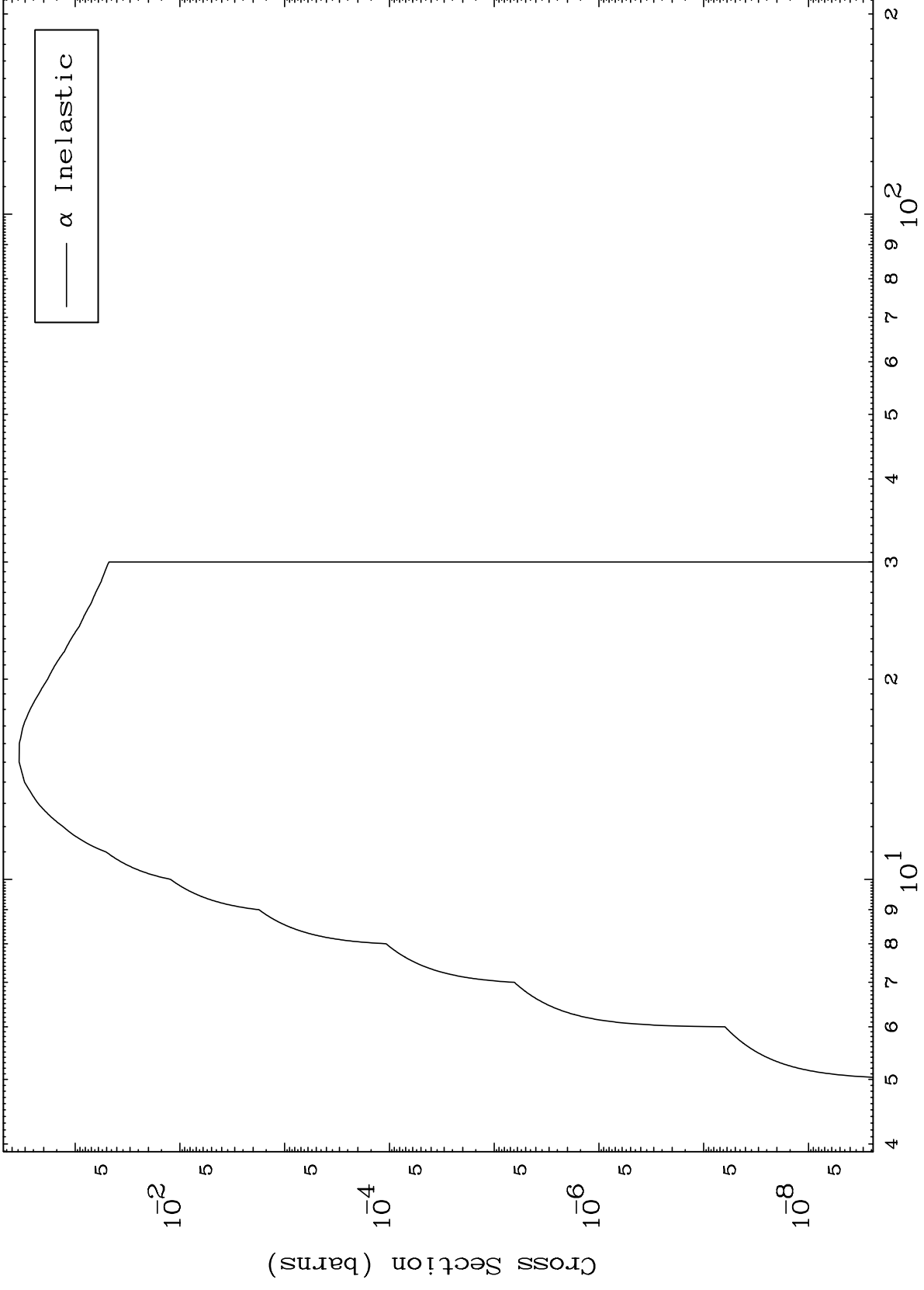


MAT 3717

( $\alpha, n'$ ) Level

37-Rb-82

0 Kelvin Cross Sections



5

Incident Energy (MeV)

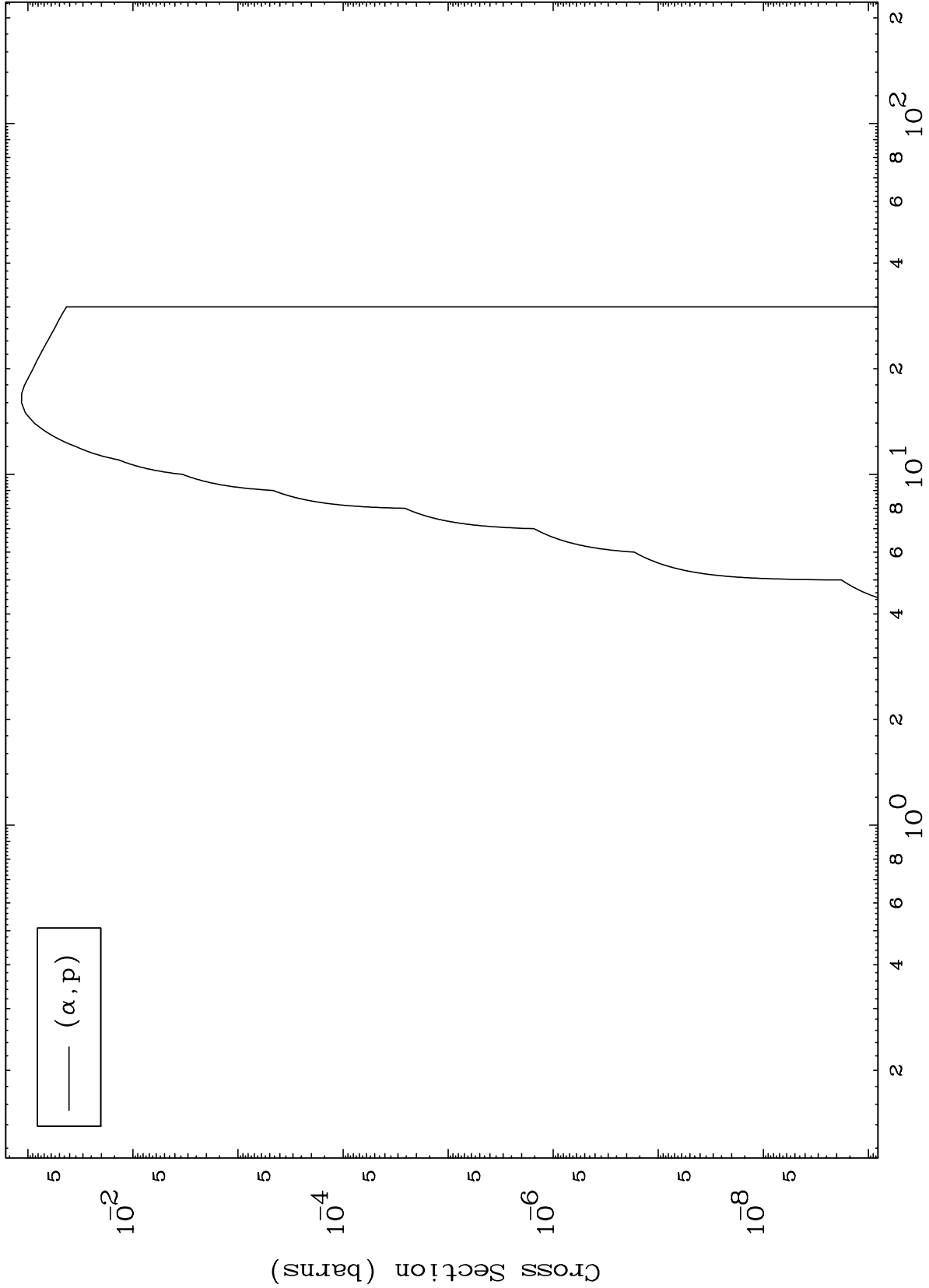
37-Rb-82

MAT 3717

( $\alpha, p$ ) Levels

37-Rb-82

0 Kelvin Cross Sections

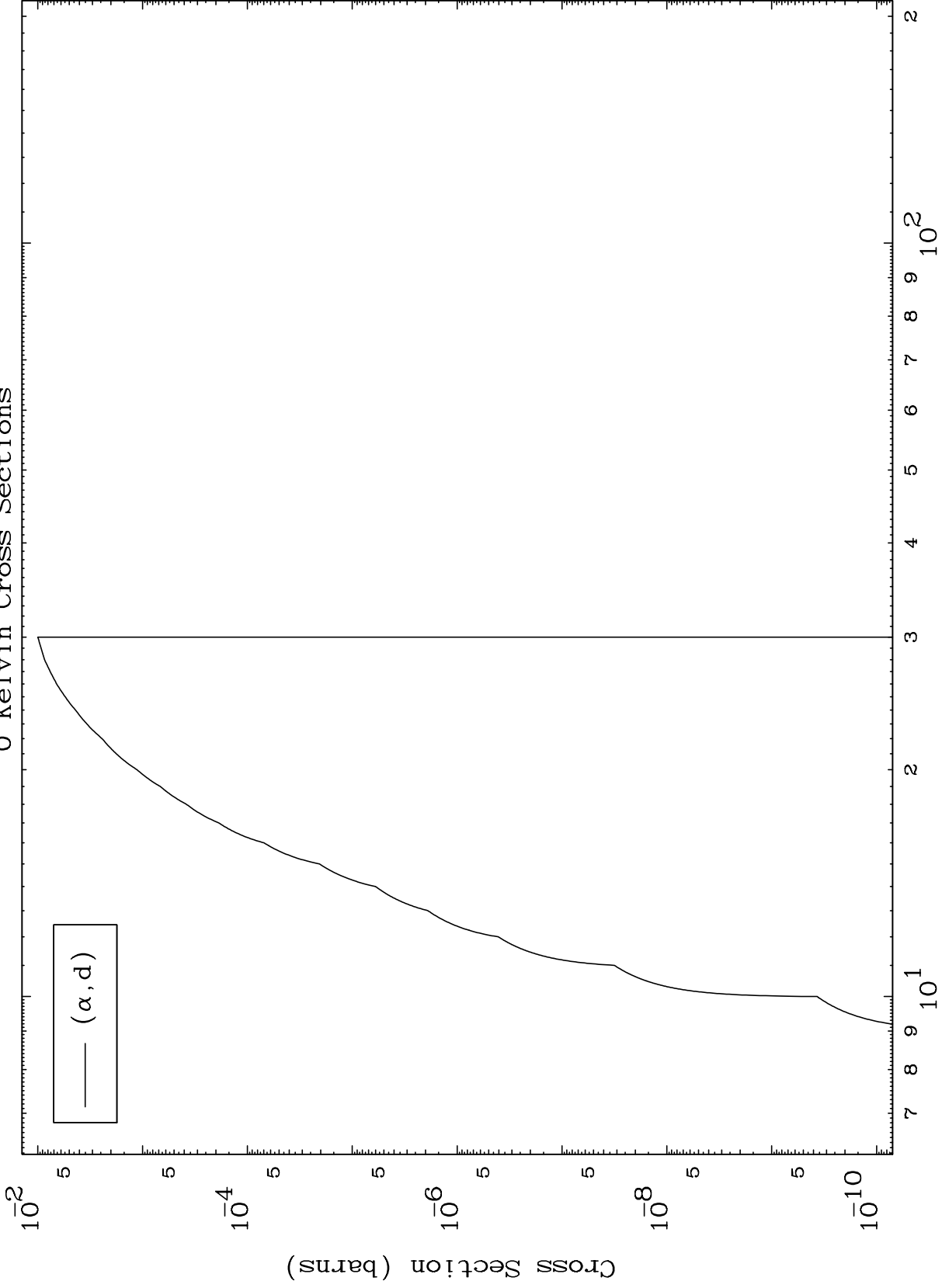


( $\alpha, p$ )

MAT 3717

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

37-Rb-82

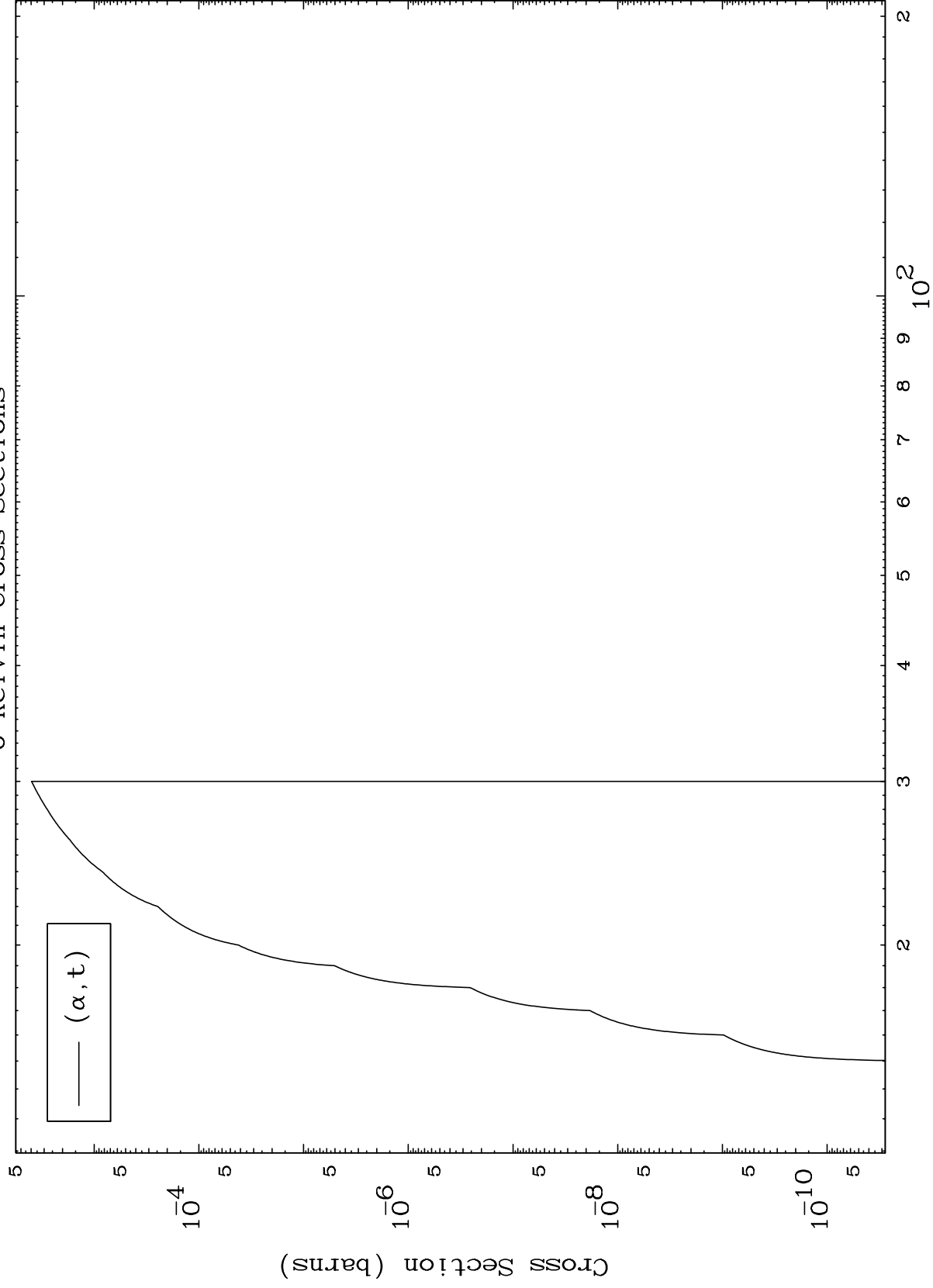


7

Incident Energy (MeV)

37-Rb-82



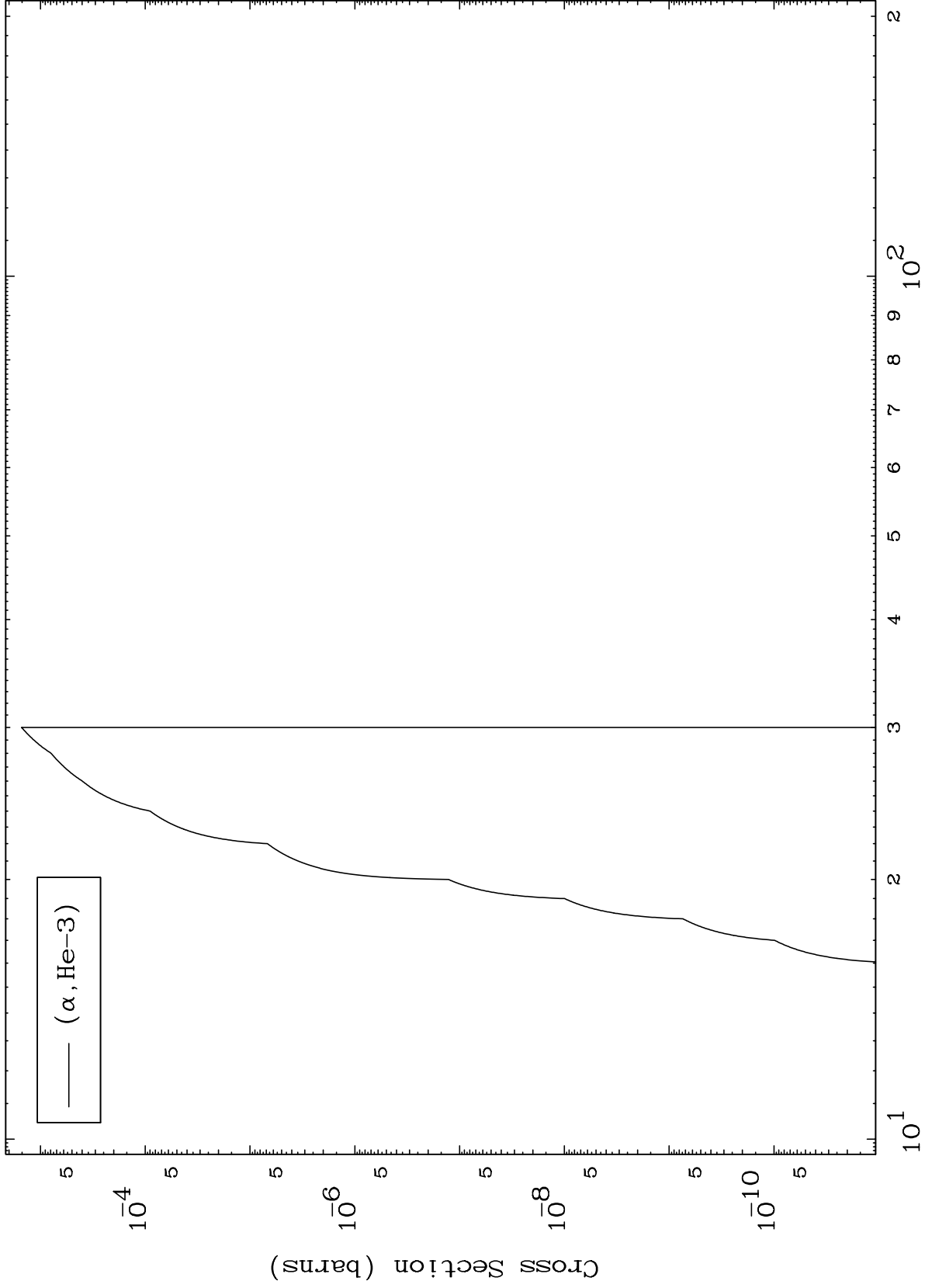


MAT 3717

( $\alpha$ , He3) Levels

37-Rb-82

0 Kelvin Cross Sections



Incident Energy (MeV)

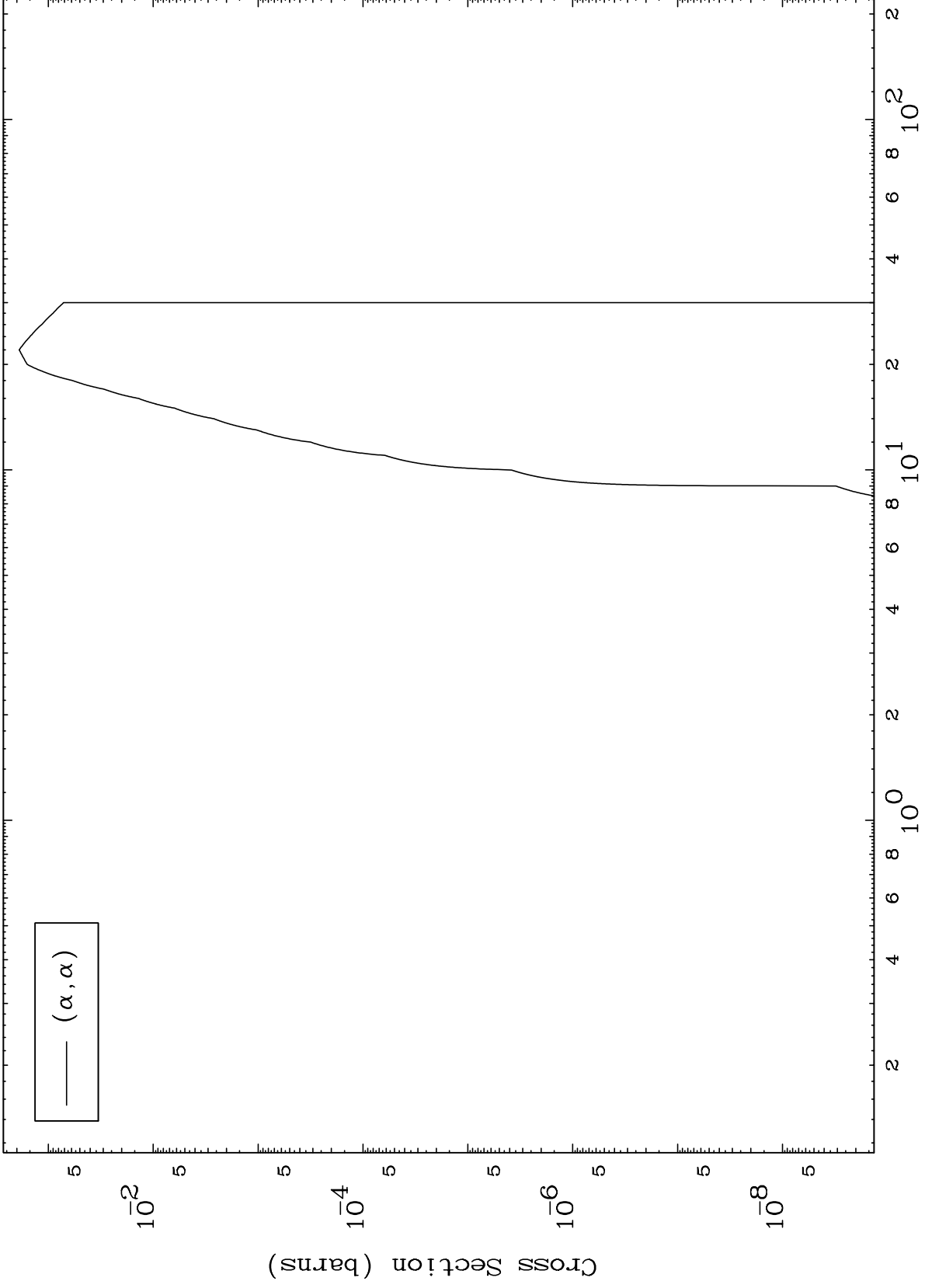
37-Rb-82

MAT 3717

( $\alpha, \alpha$ ) Levels

37-Rb-82

0 Kelvin Cross Sections

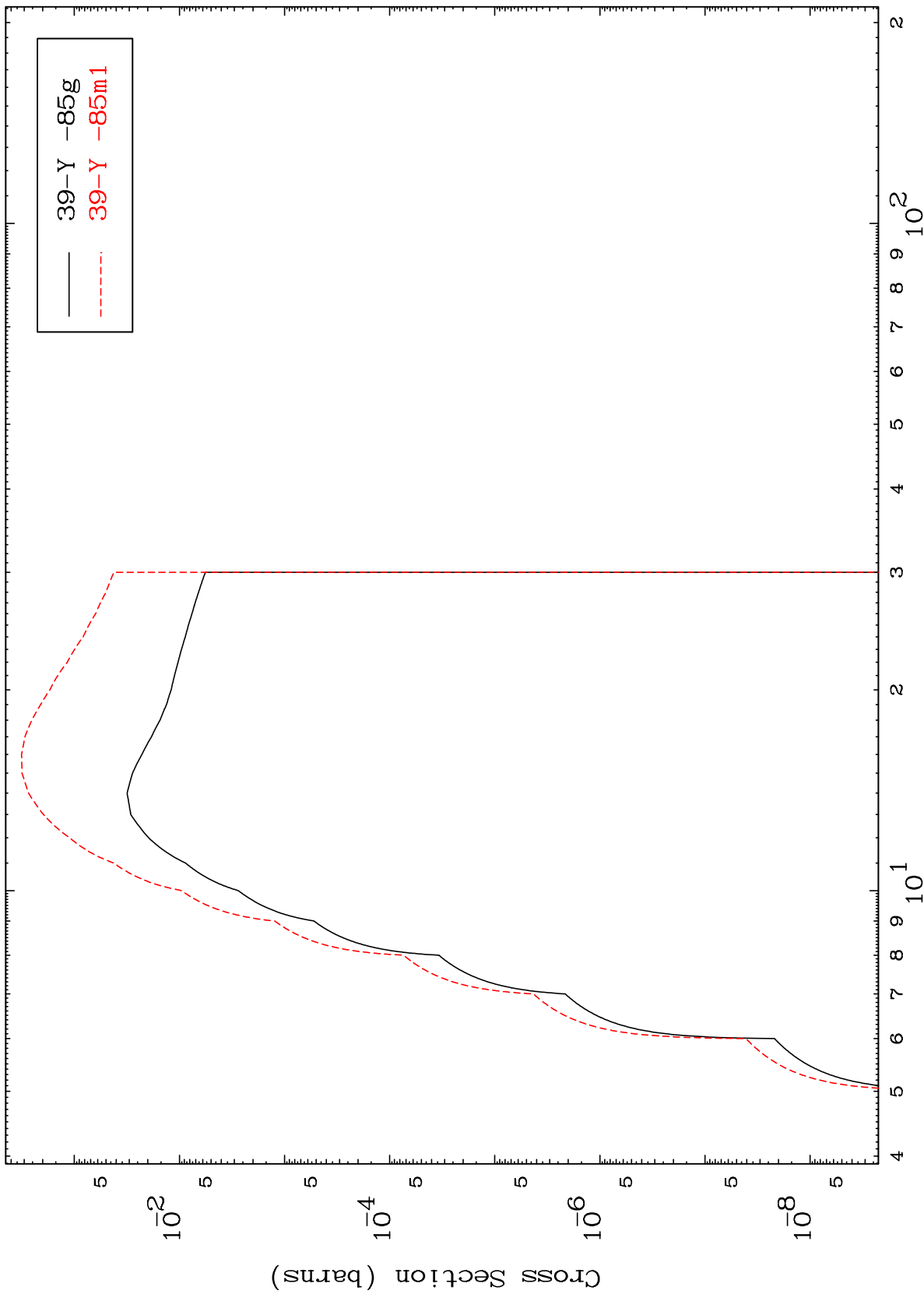


10

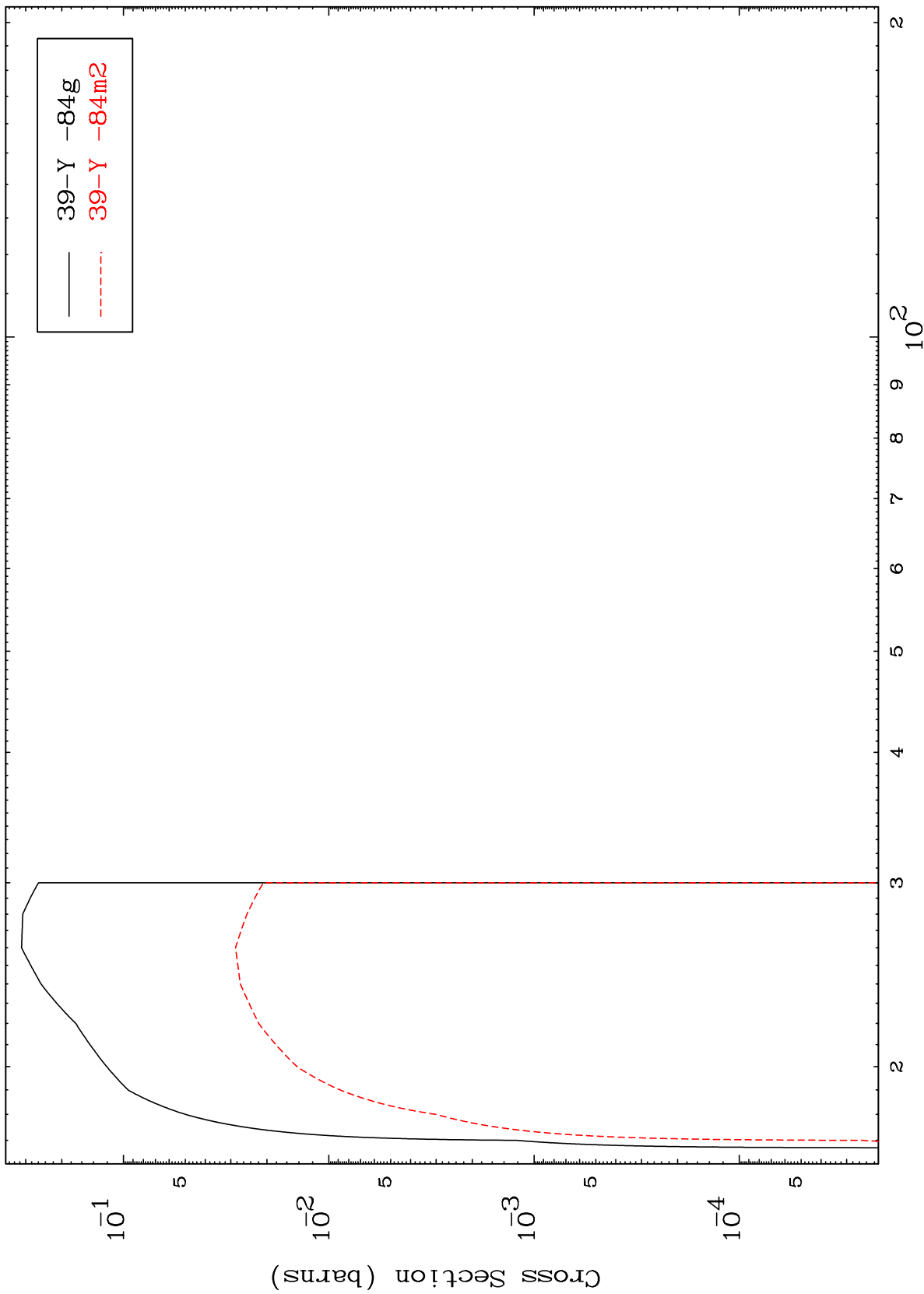
Incident Energy (MeV)

37-Rb-82

$\alpha$  Inelastic  
Radionuclide Production Cross Section



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

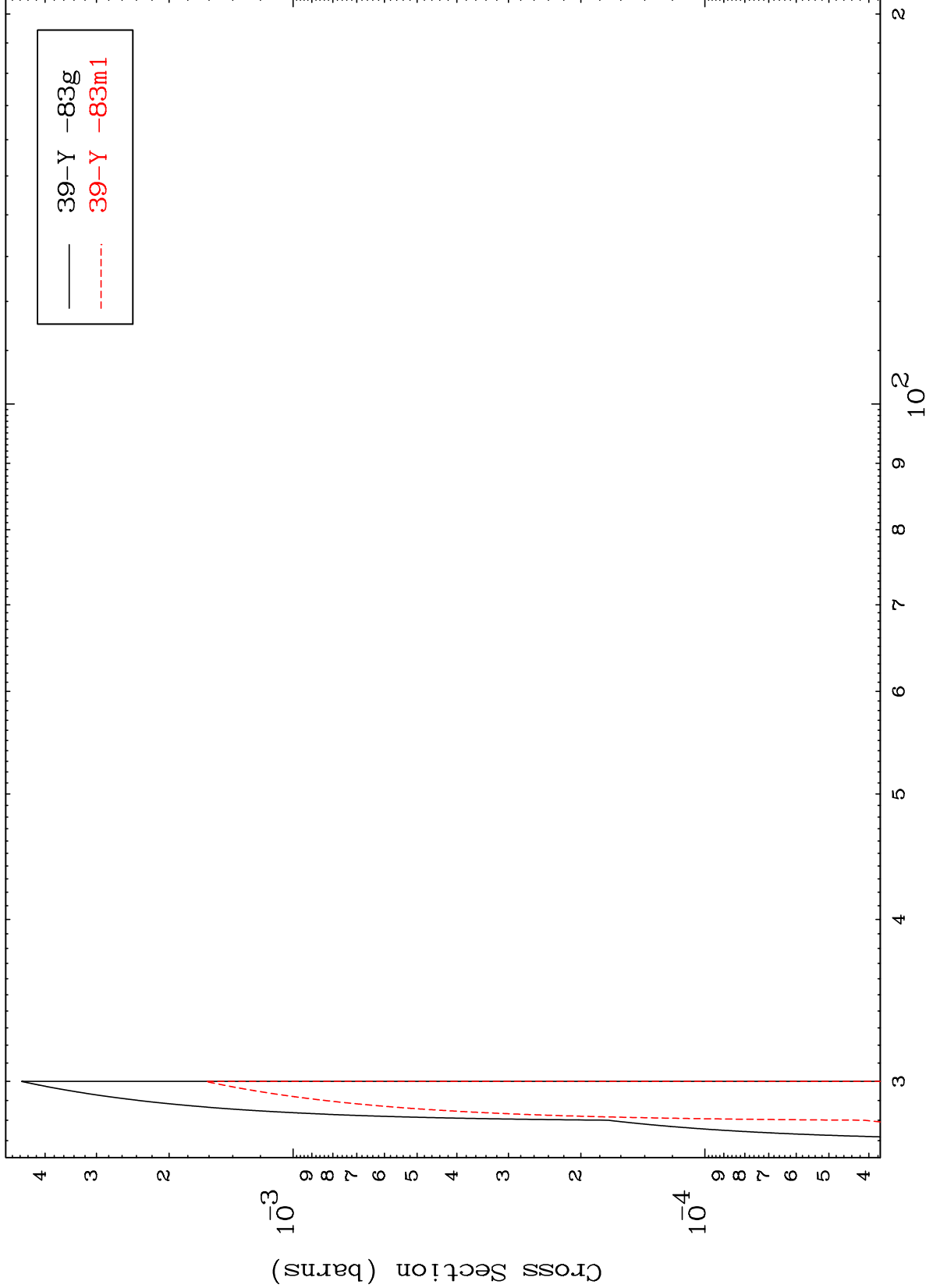


MAT 3717

( $\alpha, 3n$ )

37-Rb-82

Radionuclide Production Cross Section



13

Incident Energy (MeV)

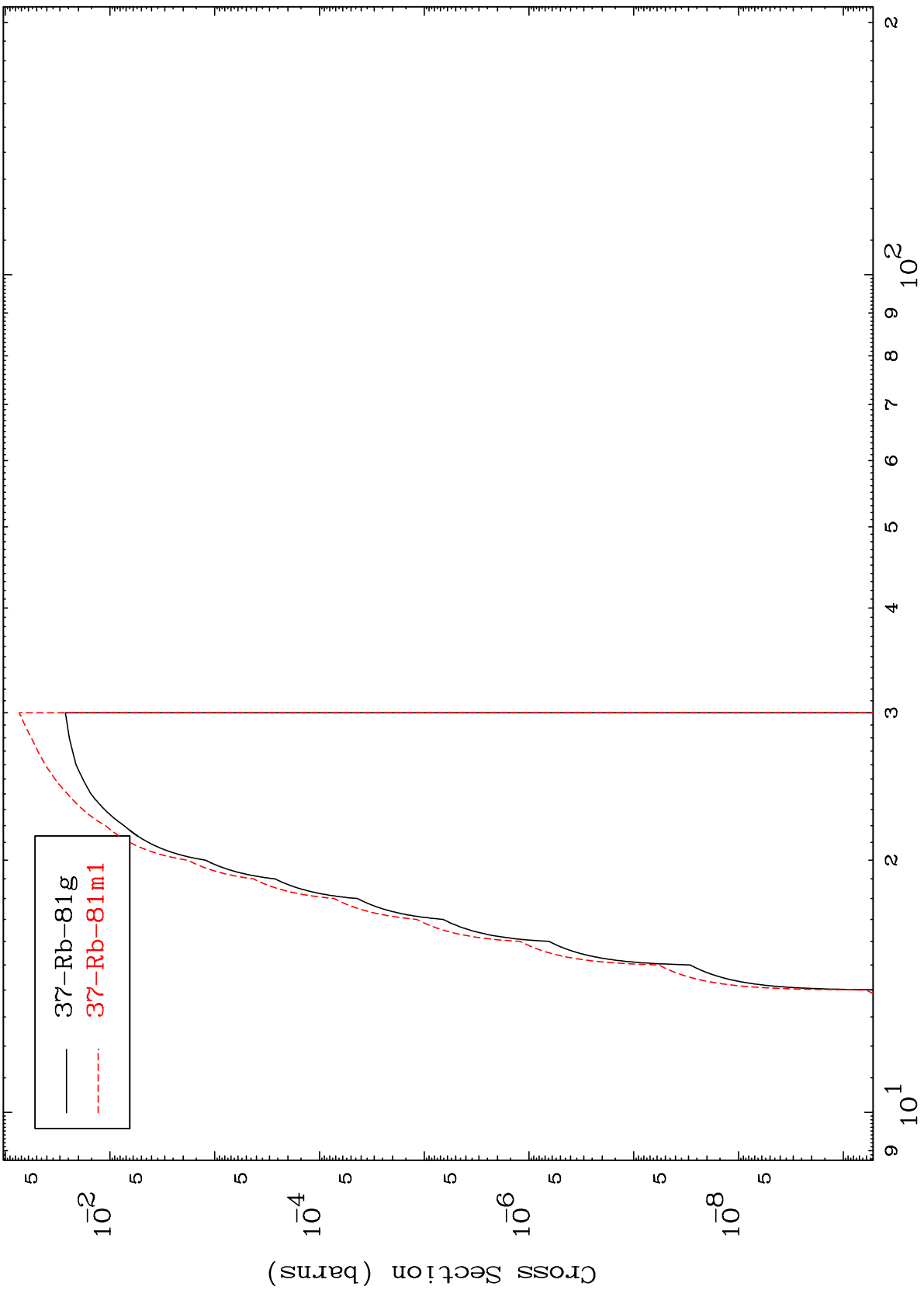
37-Rb-82

MAT 3717

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

37-Rb-82

Radionuclide Production Cross Section



37-Rb-81 g  
37-Rb-81 m1

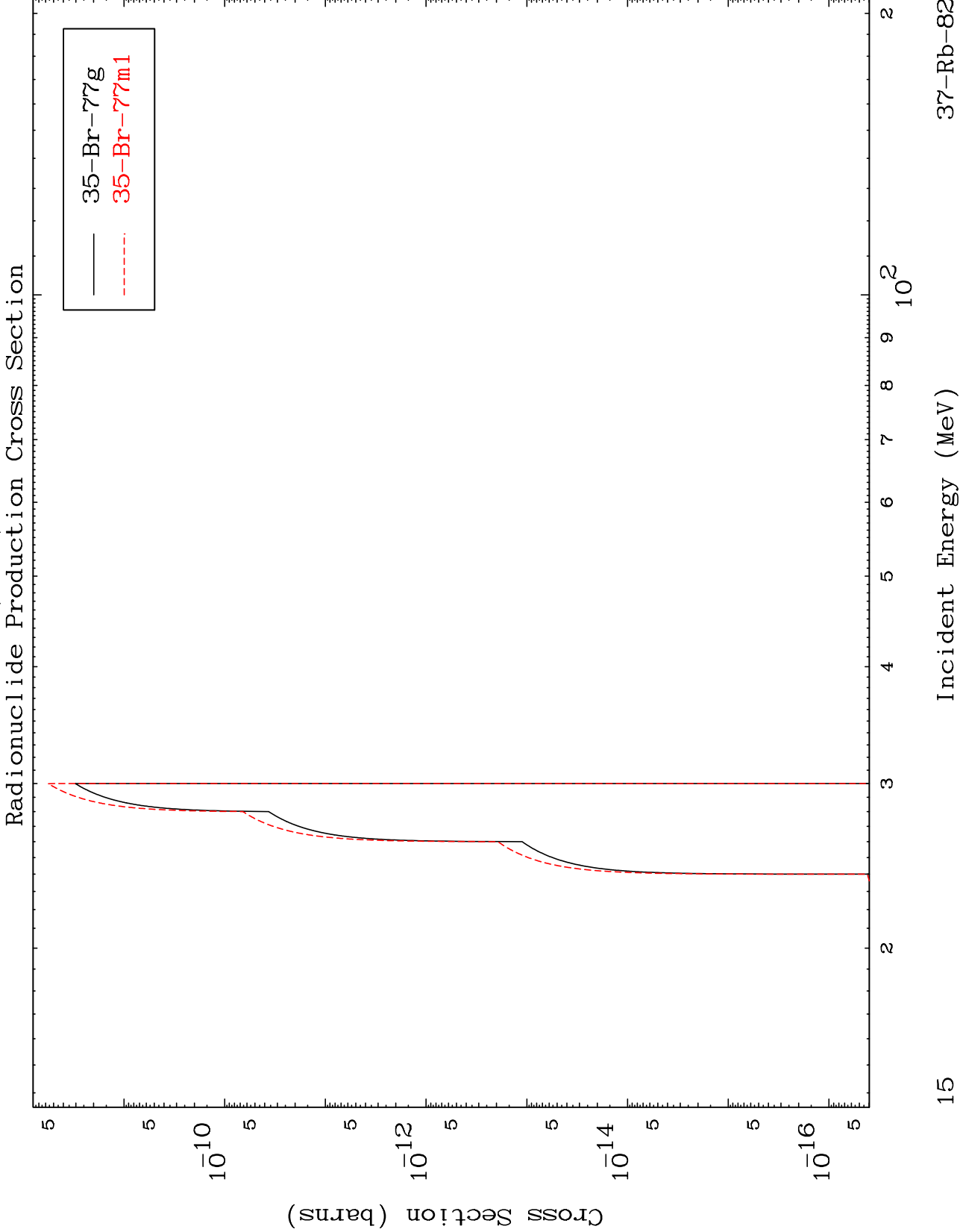
Incident Energy (MeV)

37-Rb-82

MAT 3717

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

37-Rb-82



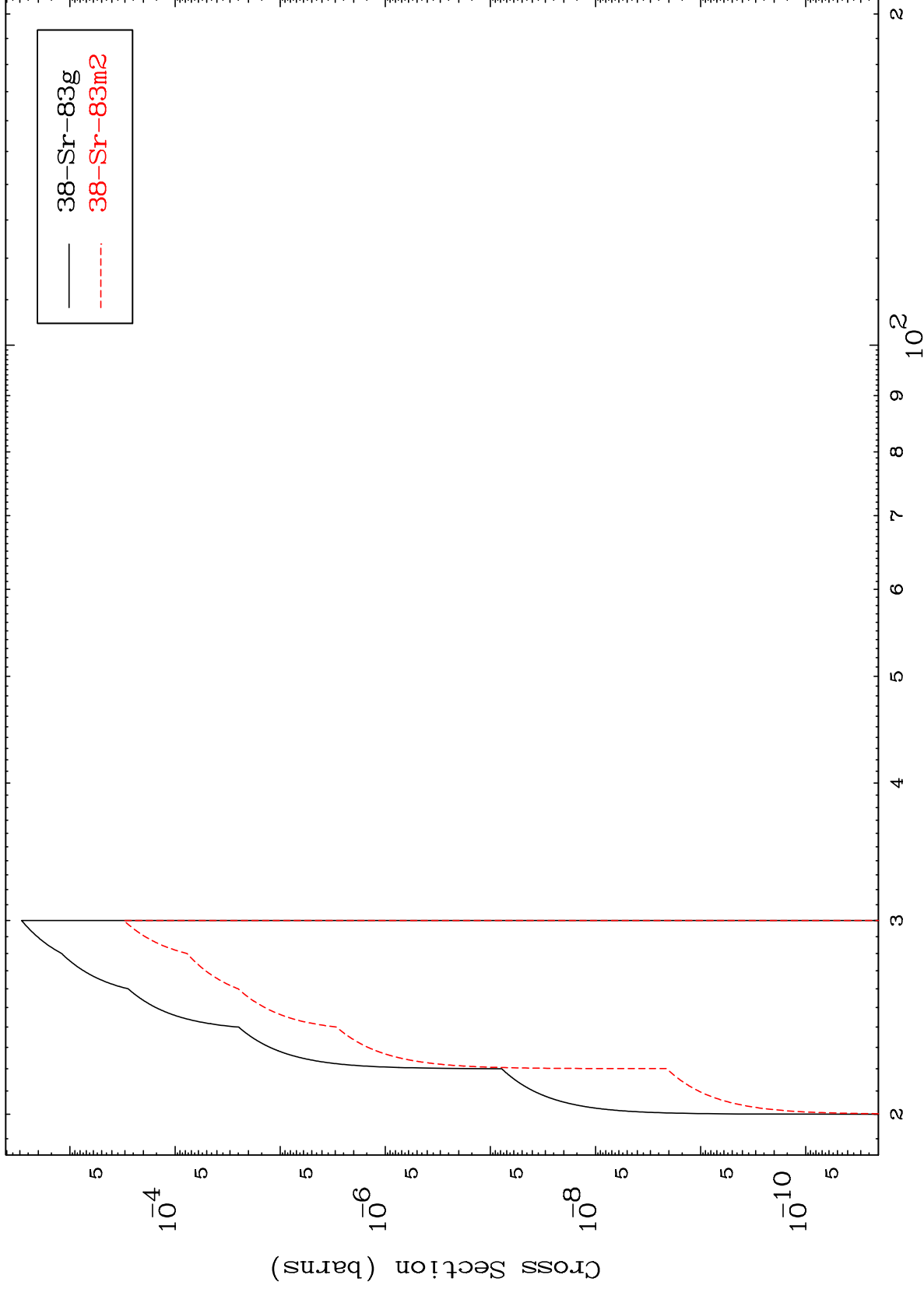
15

Incident Energy (MeV)

37-Rb-82



Radionuclide Production Cross Section

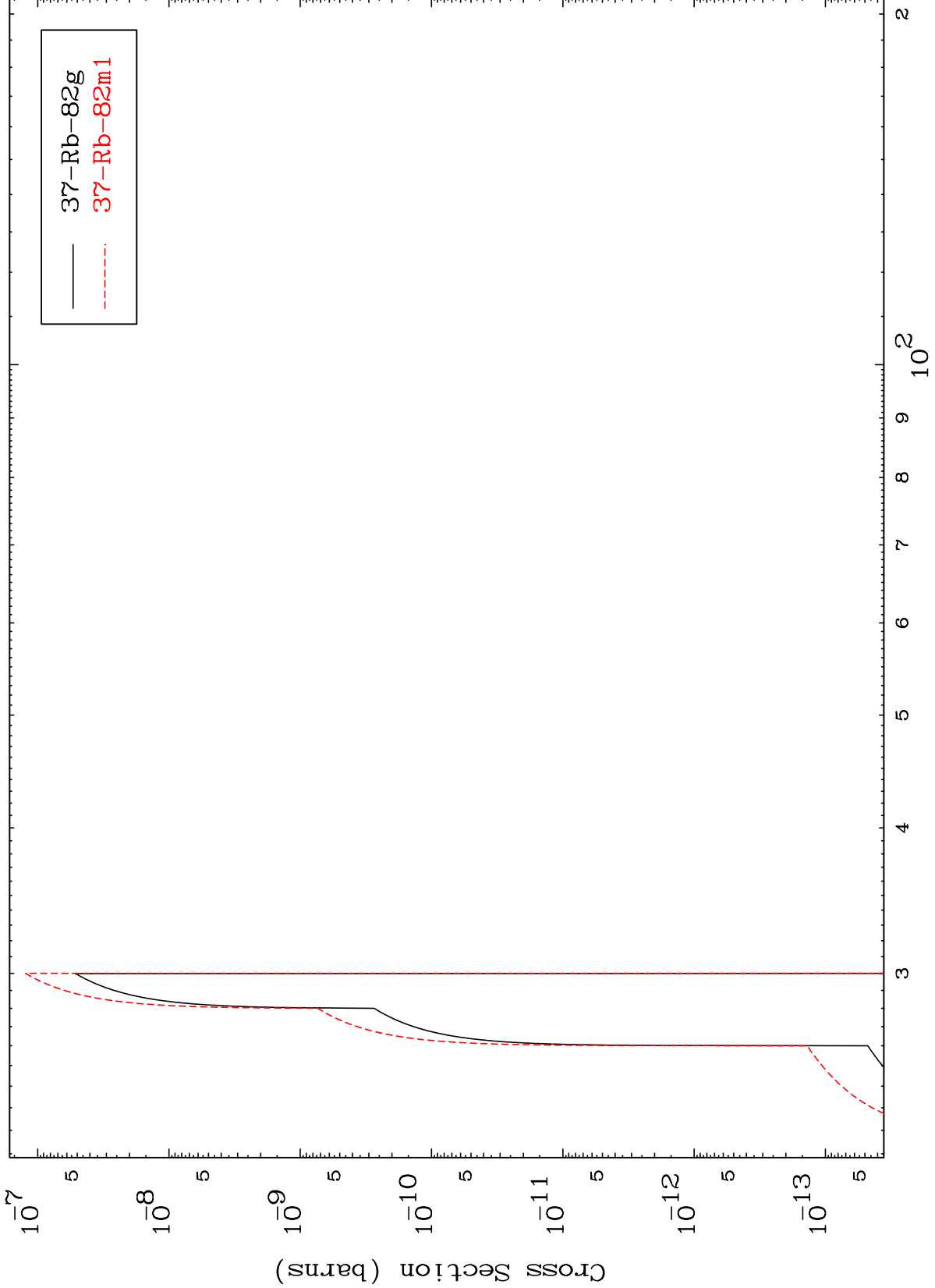


MAT 3717

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

37-Rb-82

Radionuclide Production Cross Section



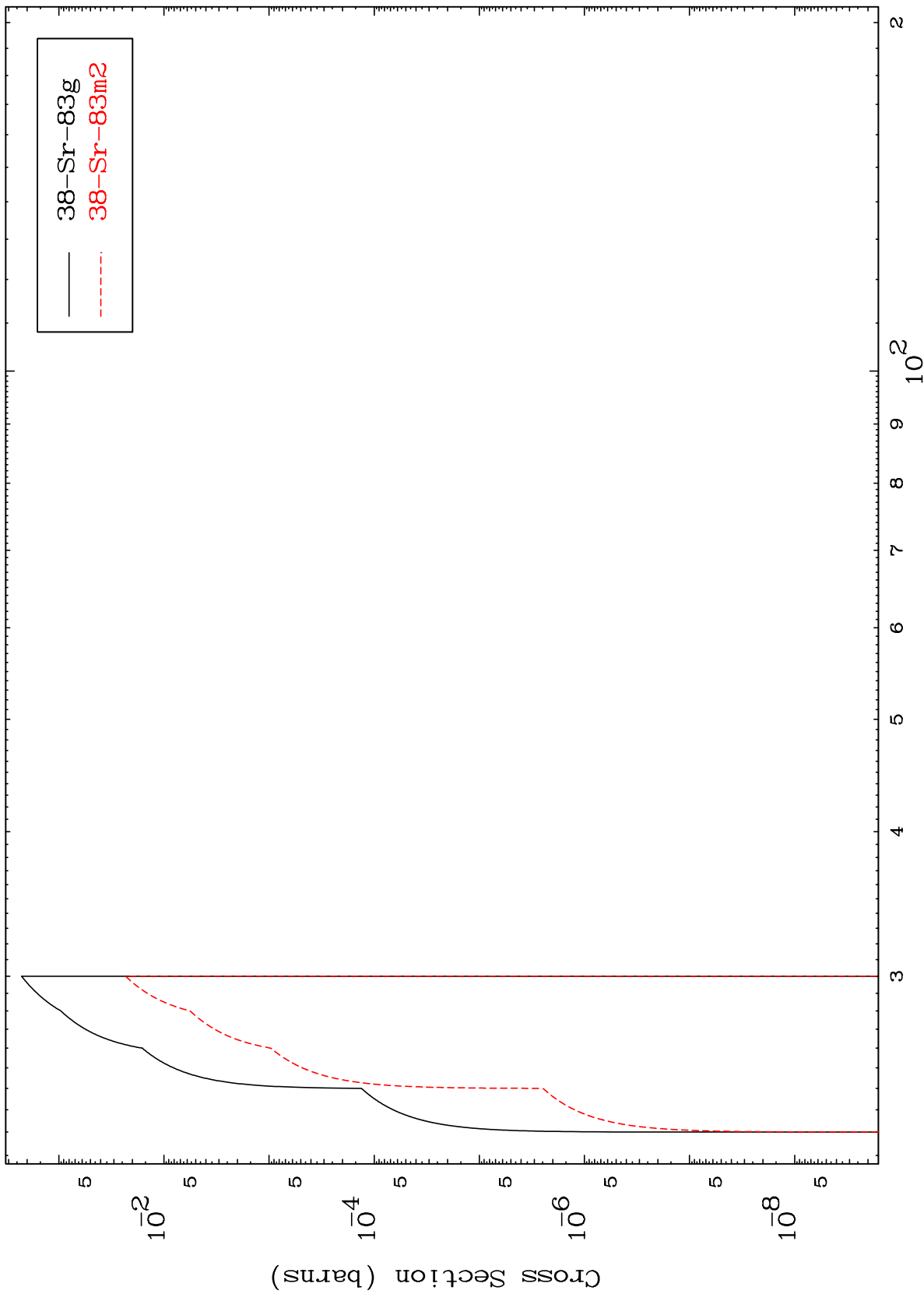
37-Rb-82g  
37-Rb-82m1

17

Incident Energy (MeV)

37-Rb-82

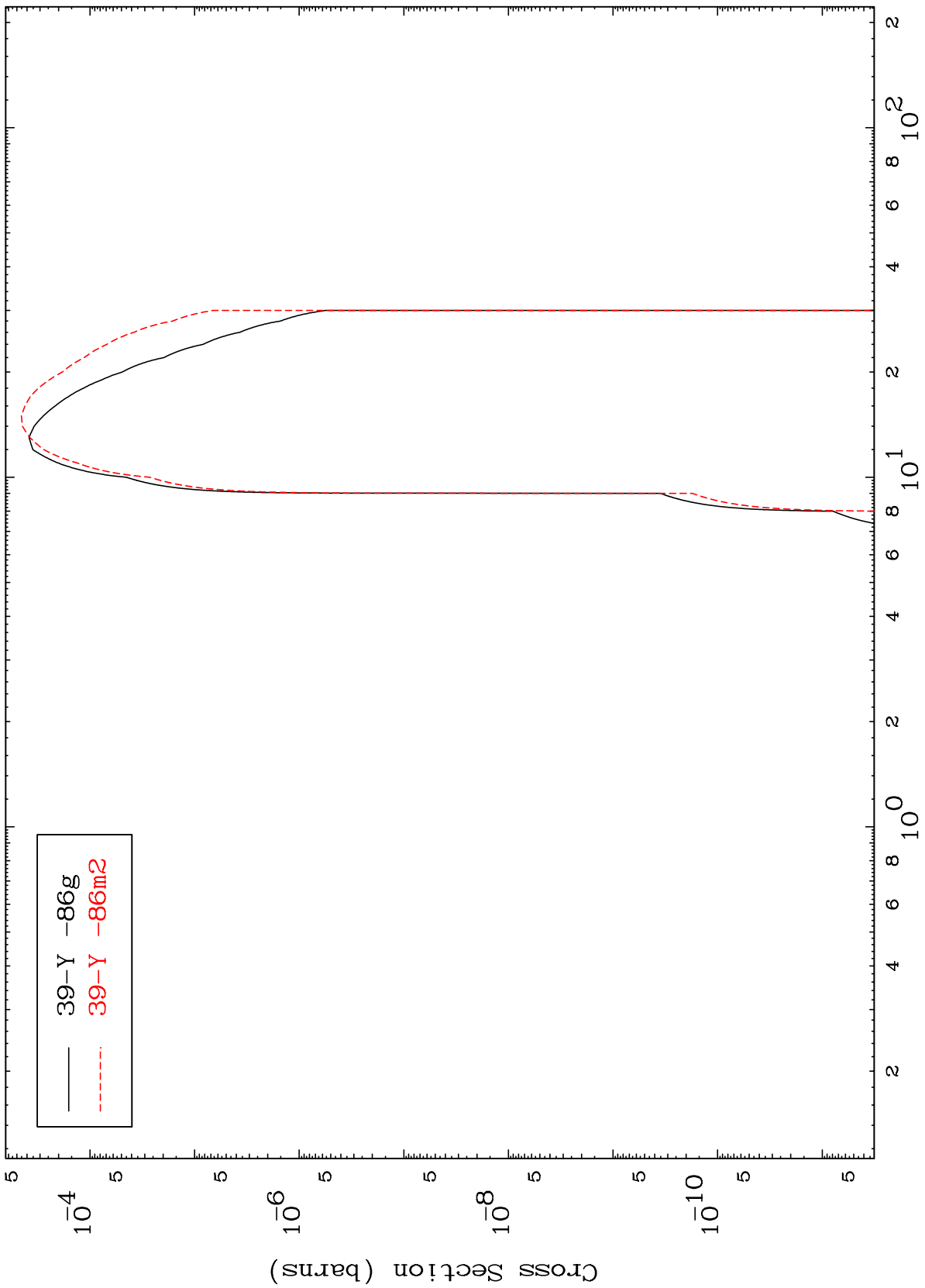
Radionuclide Production Cross Section



MAT 3717

37-Rb-82

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

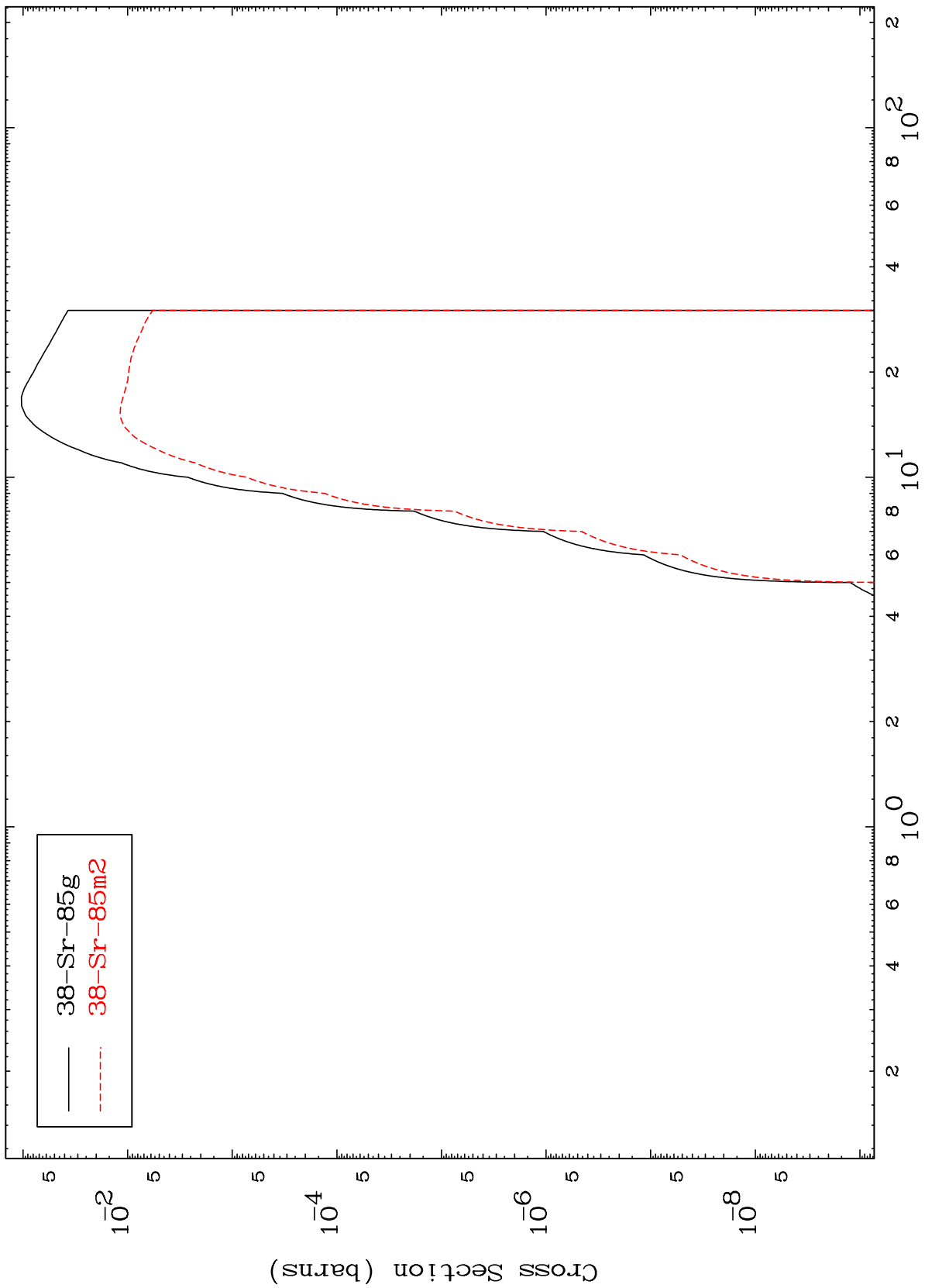


— 39-Y -86g  
- - - 39-Y -86m2

MAT 3717

37-Rb-82

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

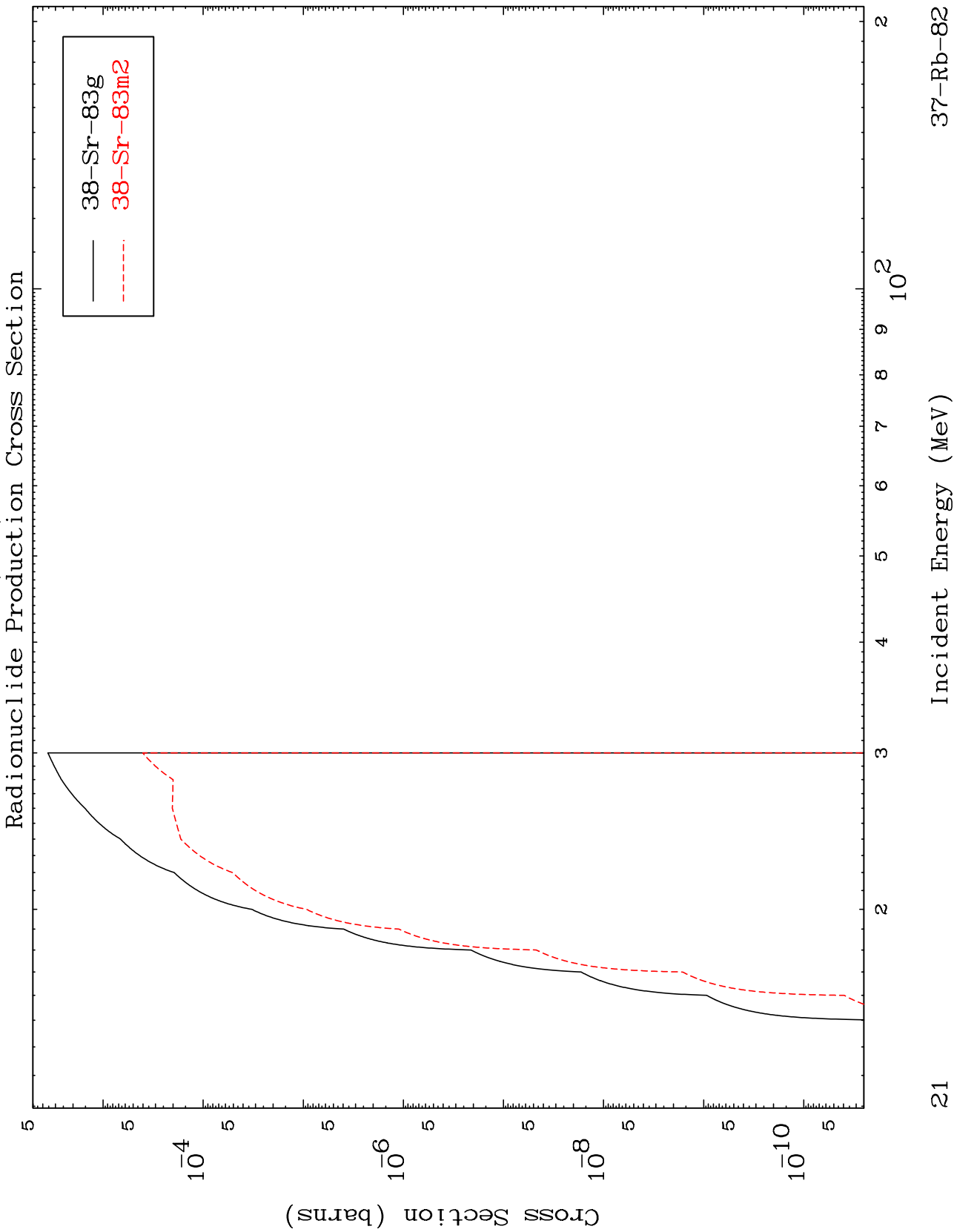


— 38-Sr-85g  
- - - 38-Sr-85m2

20

Incident Energy (MeV)

37-Rb-82

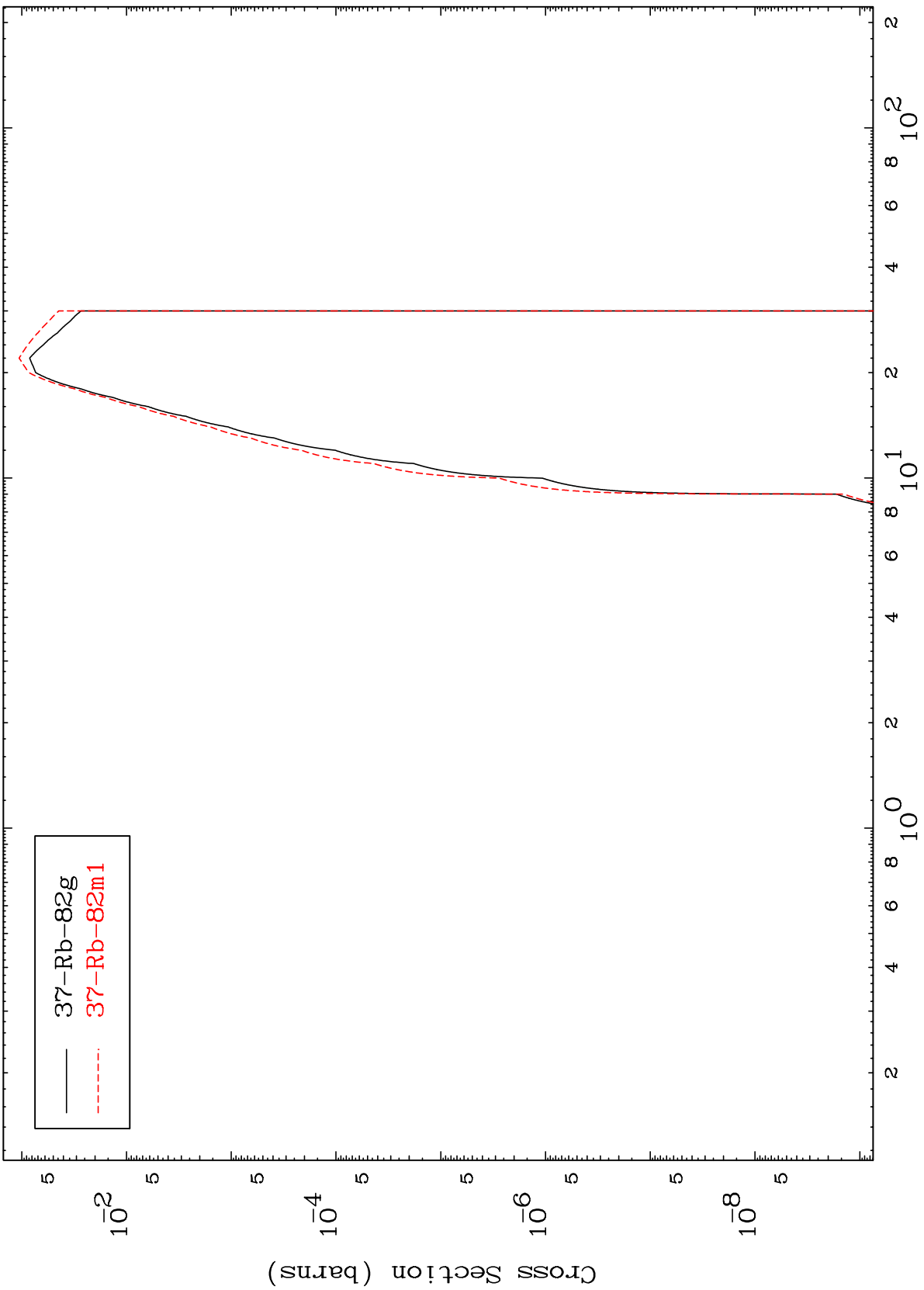


MAT 3717

( $\alpha, \alpha$ )

37-Rb-82

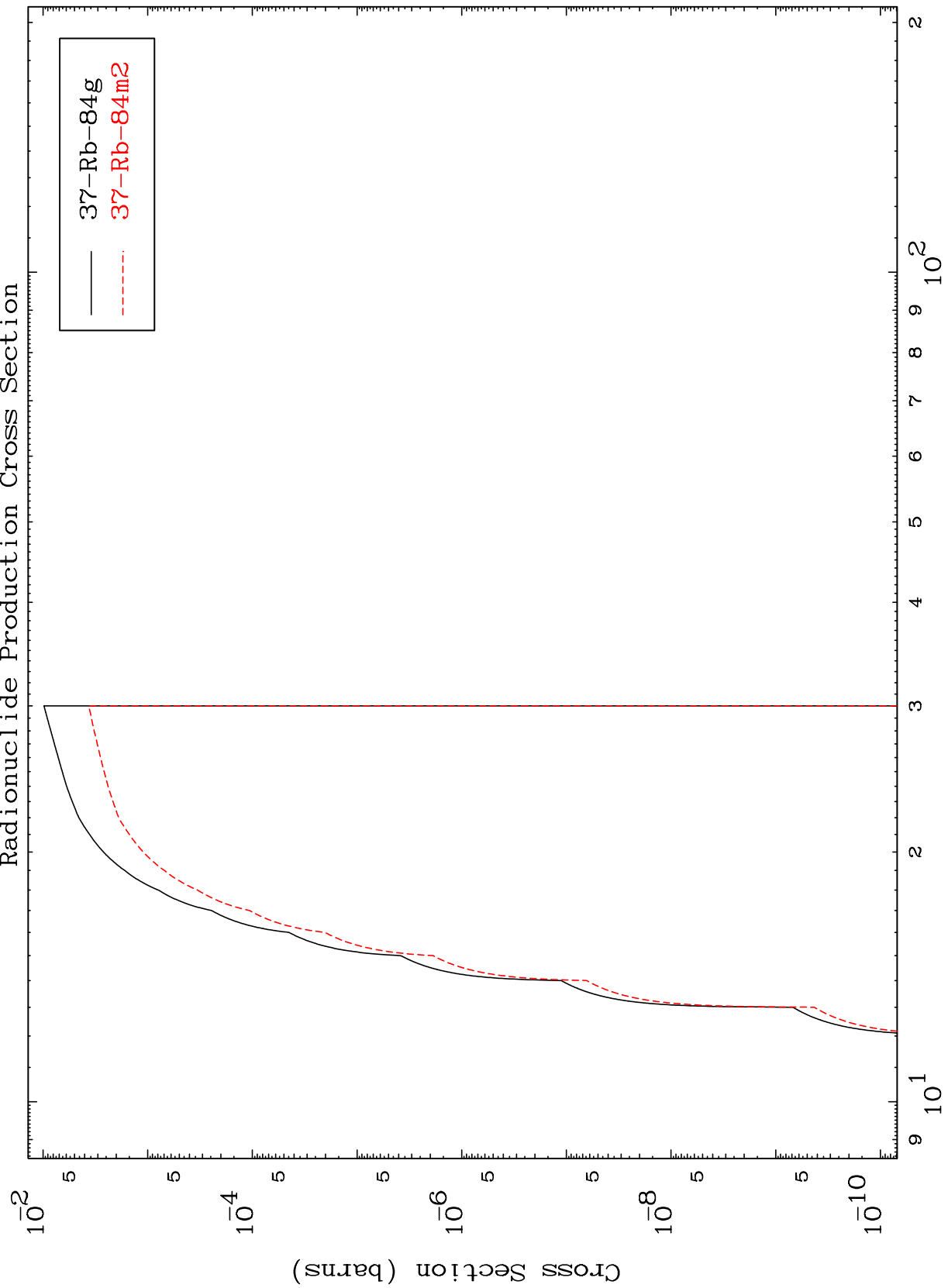
Radionuclide Production Cross Section



MAT 3717

37-Rb-82

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



37-Rb-82

Incident Energy (MeV)

23

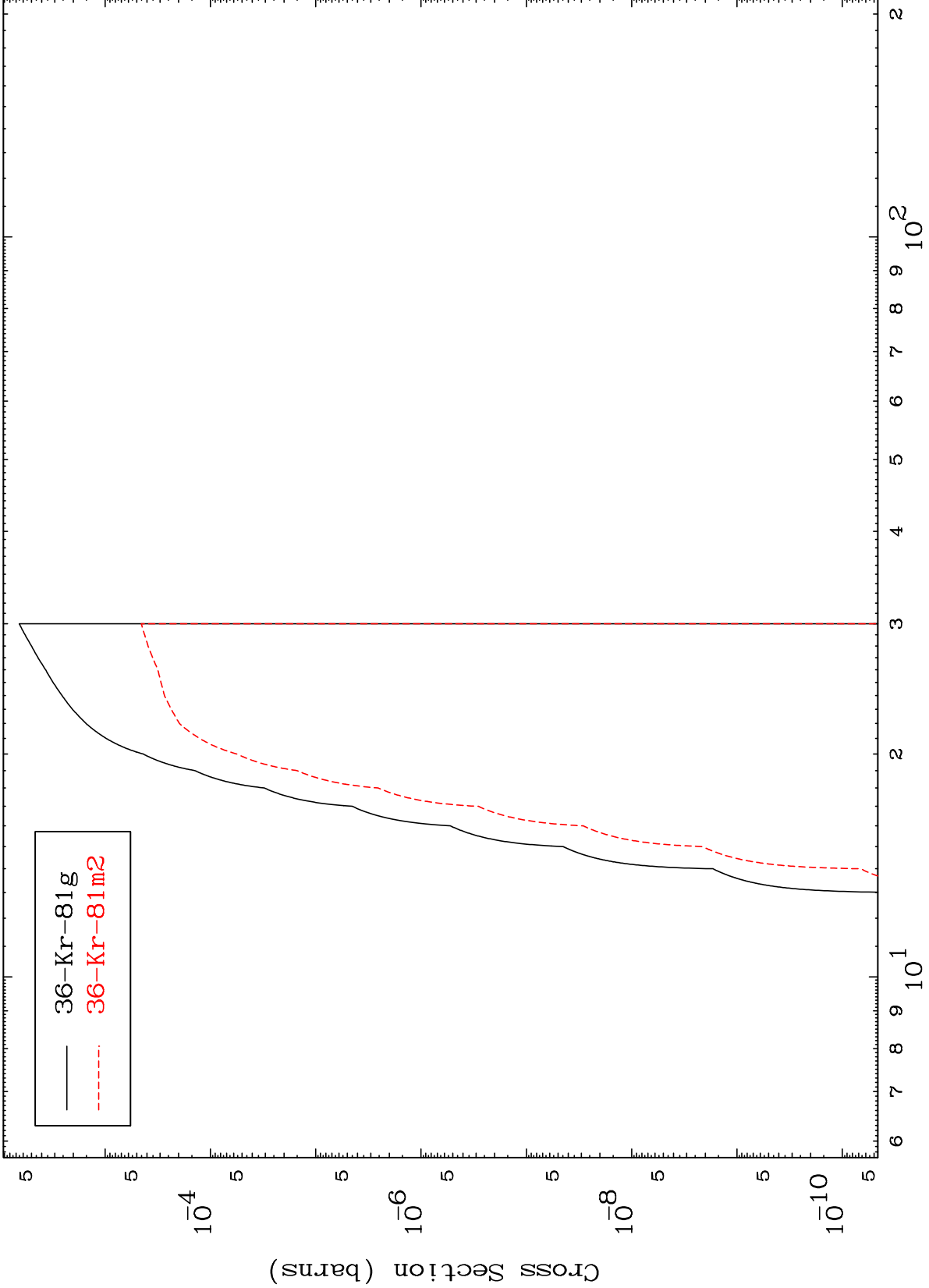


MAT 3717

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

37-Rb-82

Radionuclide Production Cross Section



24

Incident Energy (MeV)

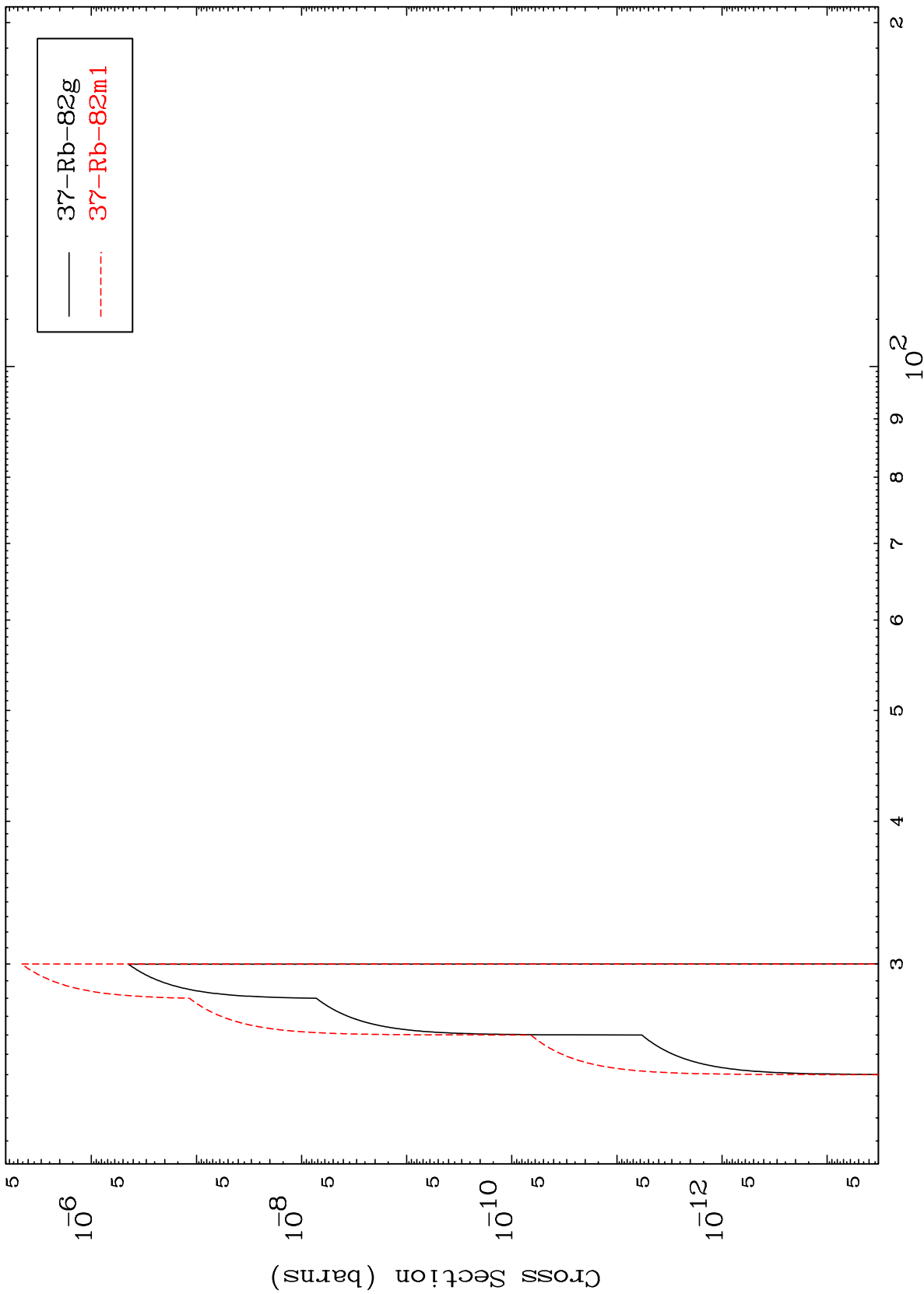
37-Rb-82

MAT 3717

( $\alpha, p$ ) t

37-Rb-82

Radionuclide Production Cross Section



25

Incident Energy (MeV)

37-Rb-82