

Program EVALPLOT  
(Version 2021-1)

by

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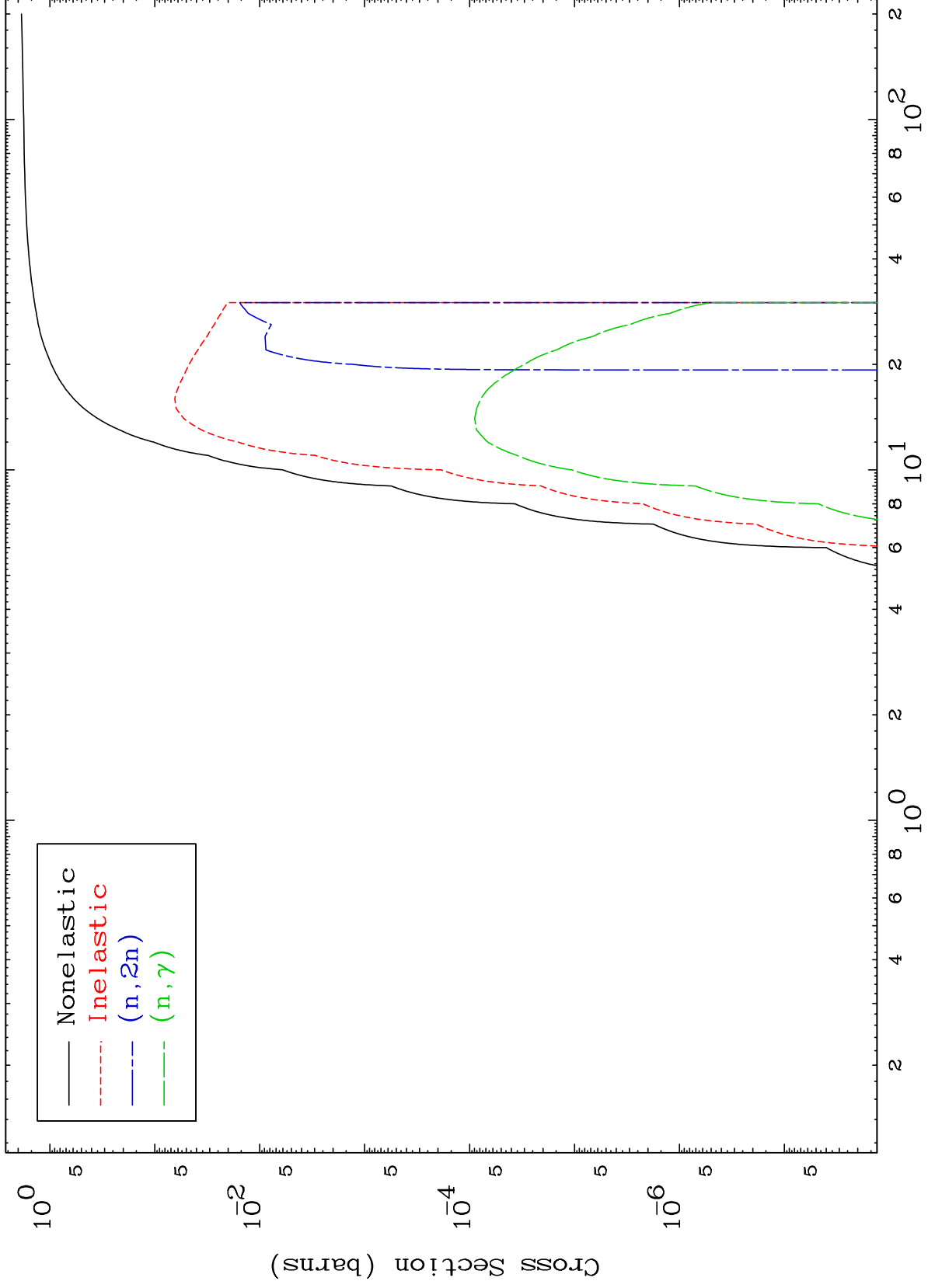
Press Mouse Button to Start

MAT 3911

$\alpha$  Major

39-Y -84m

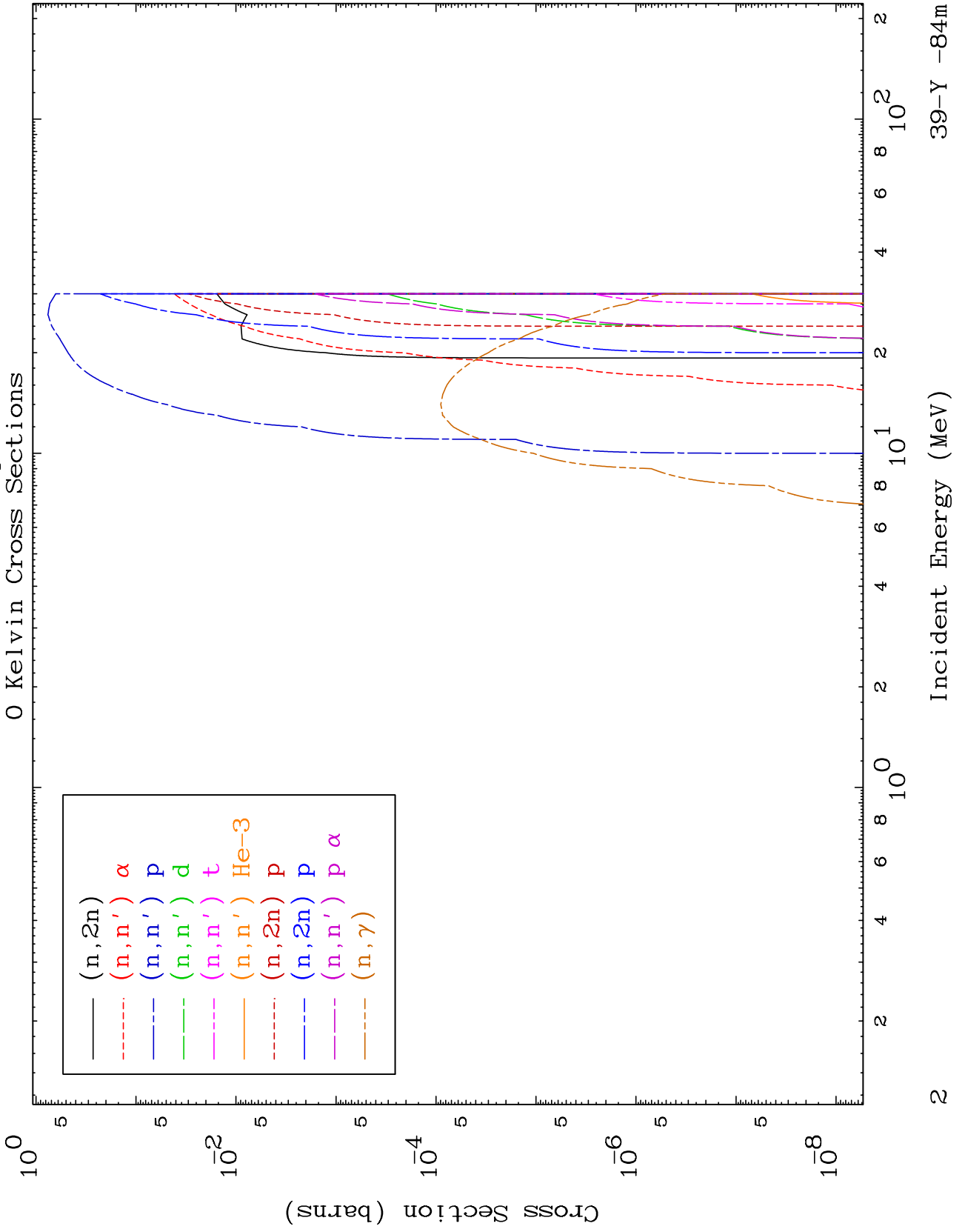
0 Kelvin Cross Sections

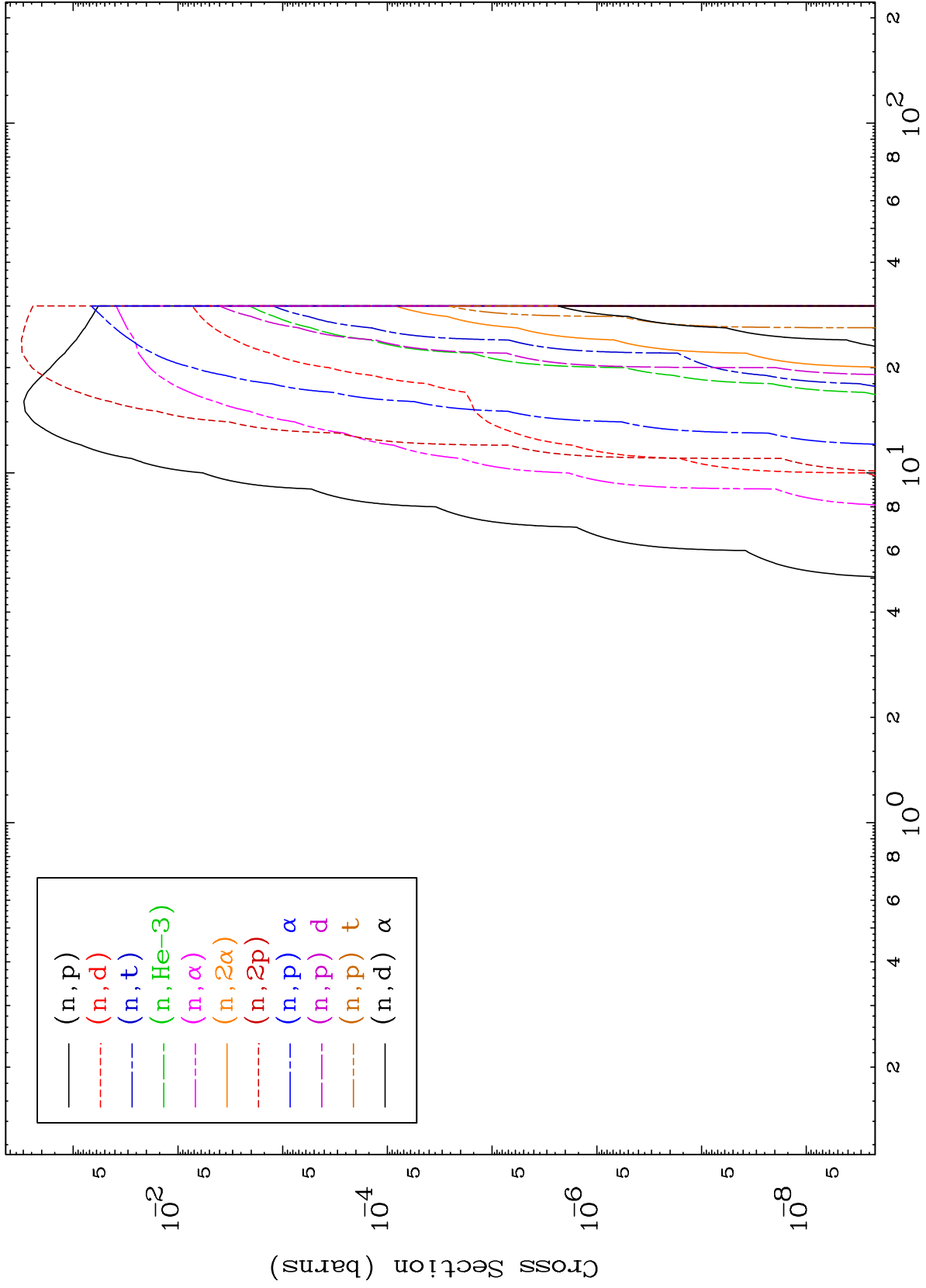


MAT 3911

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

39-Y -84m

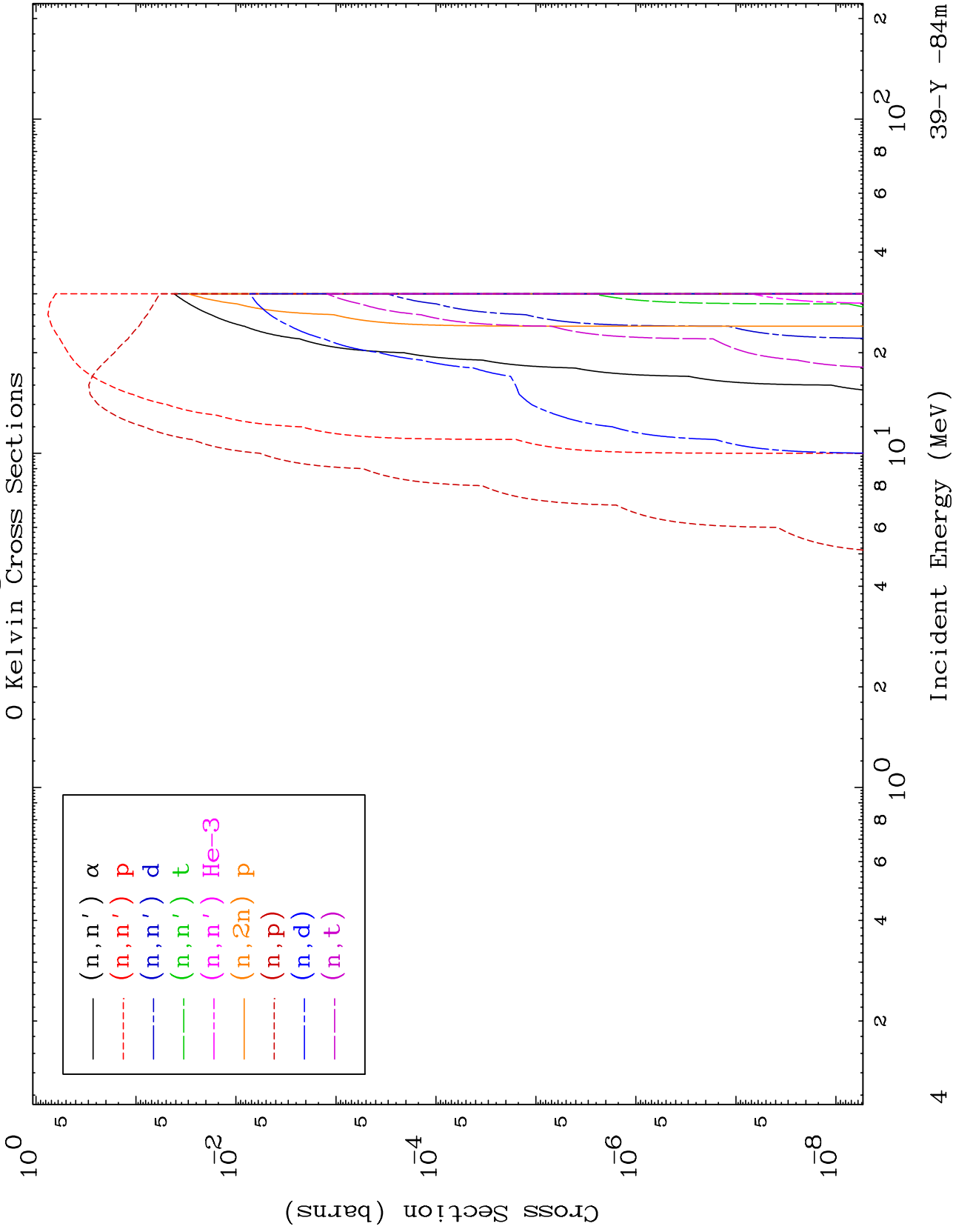


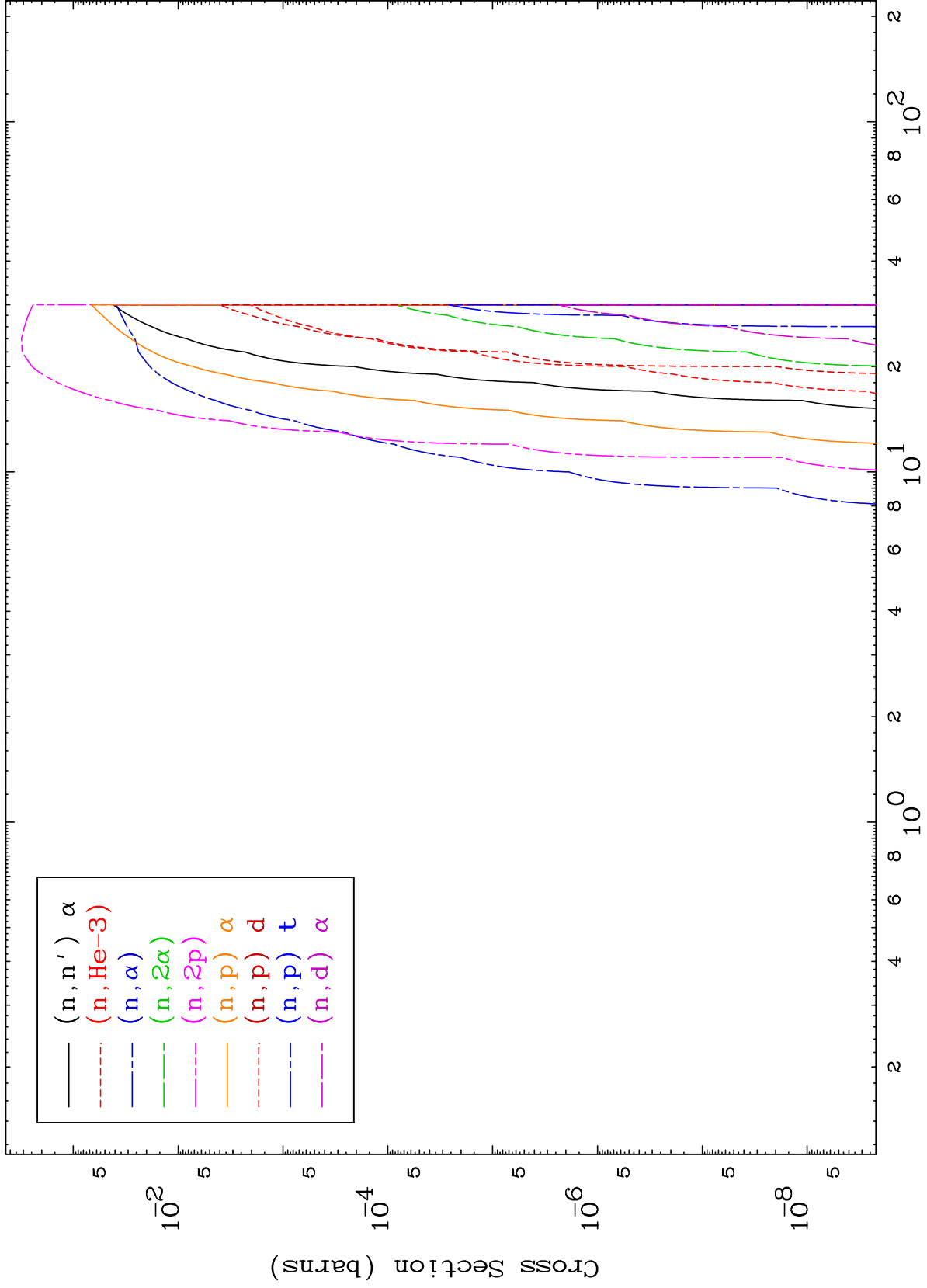


MAT 3911

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

39-Y -84m



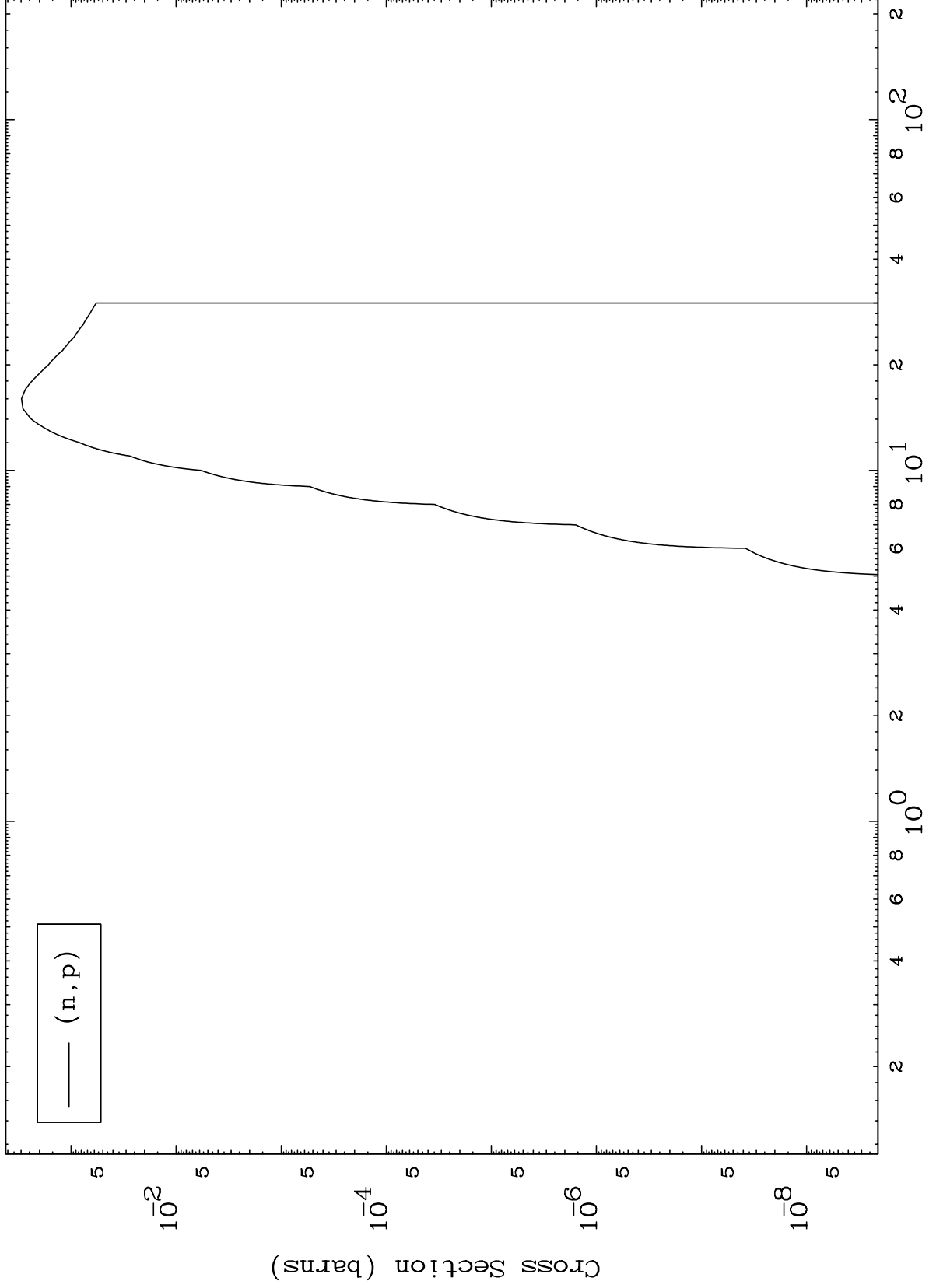


MAT 3911

( $\alpha, p$ ) Levels

39-Y -84m

0 Kelvin Cross Sections



6

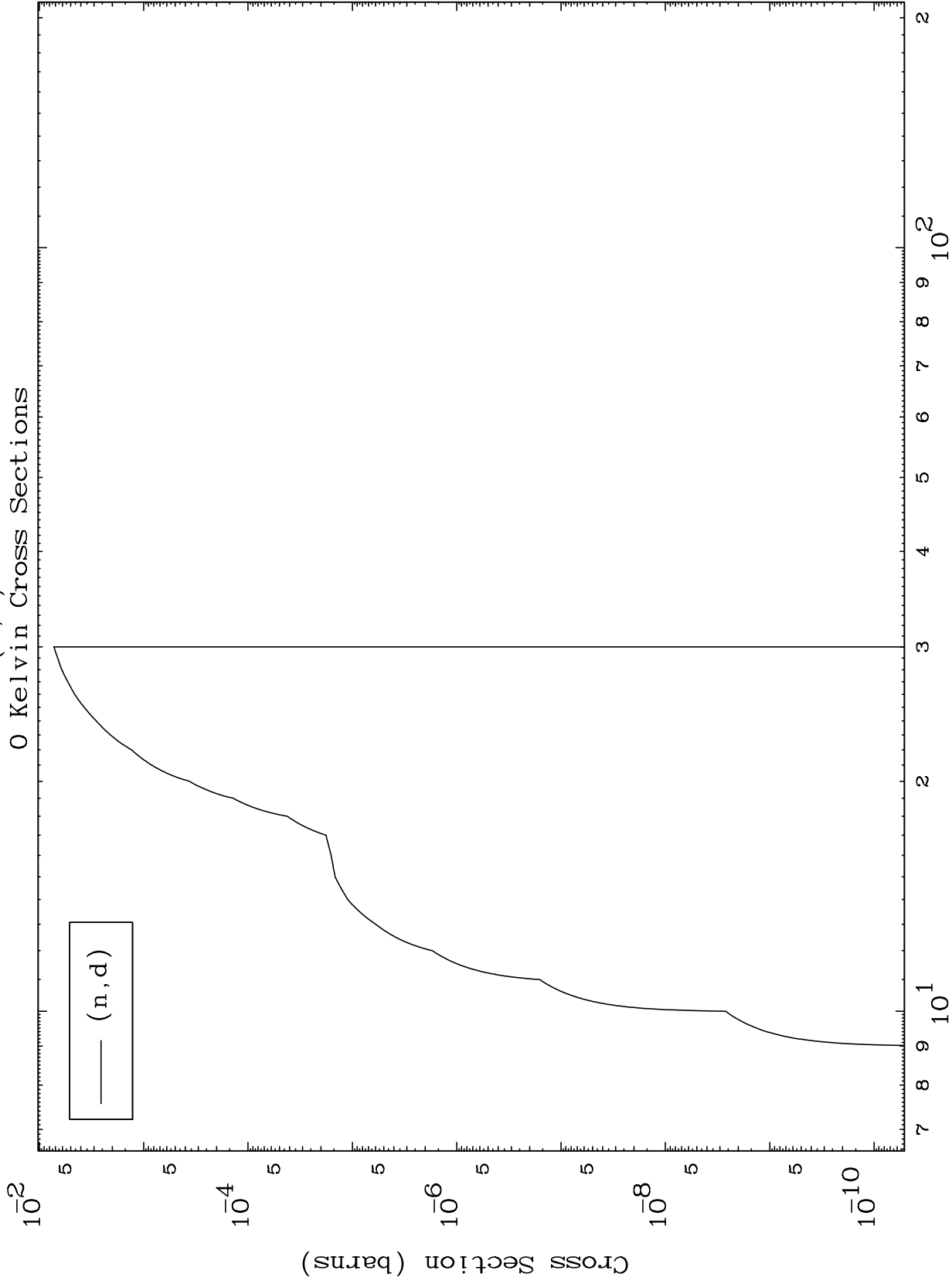
Incident Energy (MeV)

39-Y -84m

MAT 3911

( $\alpha, d$ ) Levels

39-Y -84m



7

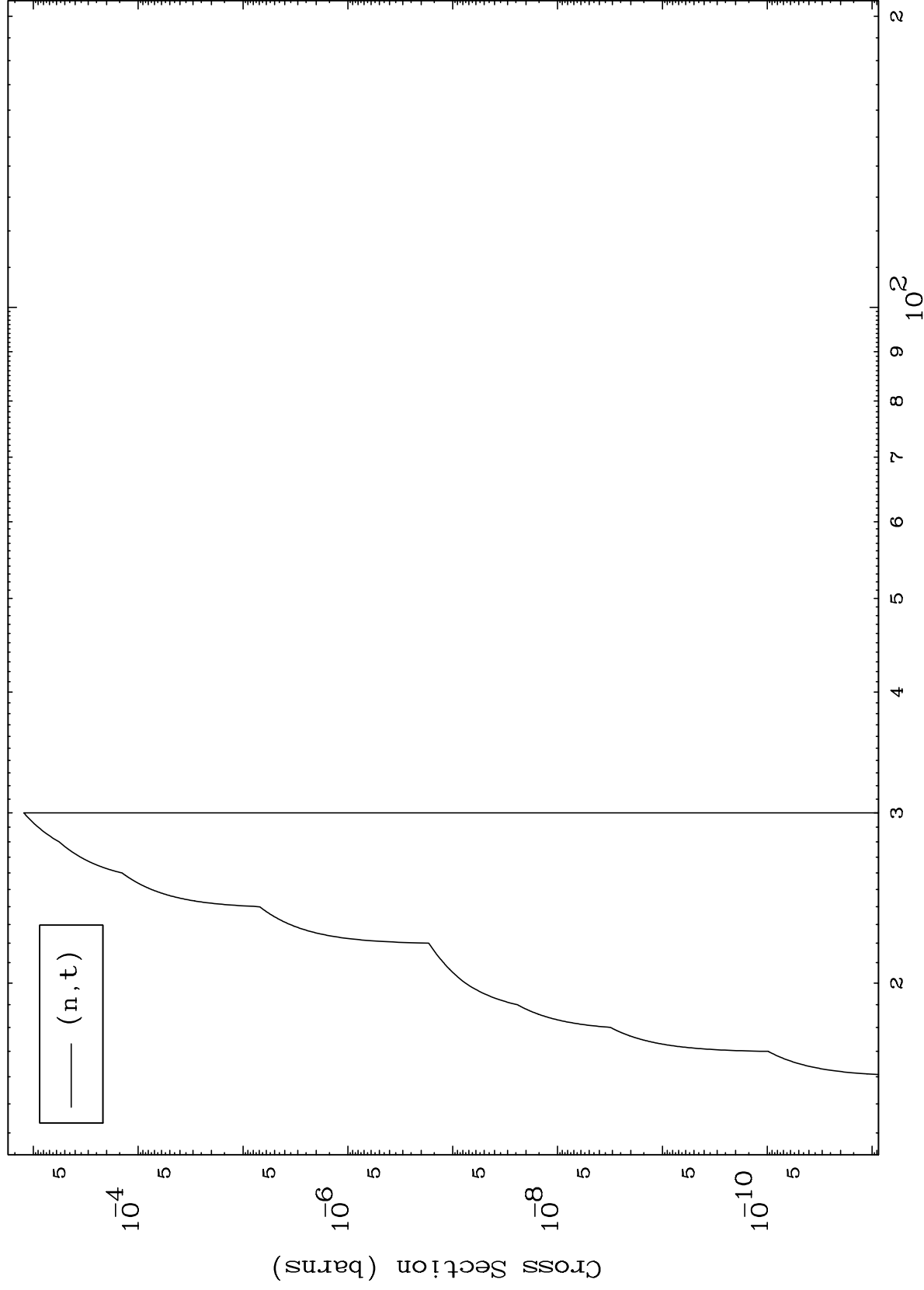
Incident Energy (MeV)

39-Y -84m

MAT 3911

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

39-Y -84m



8

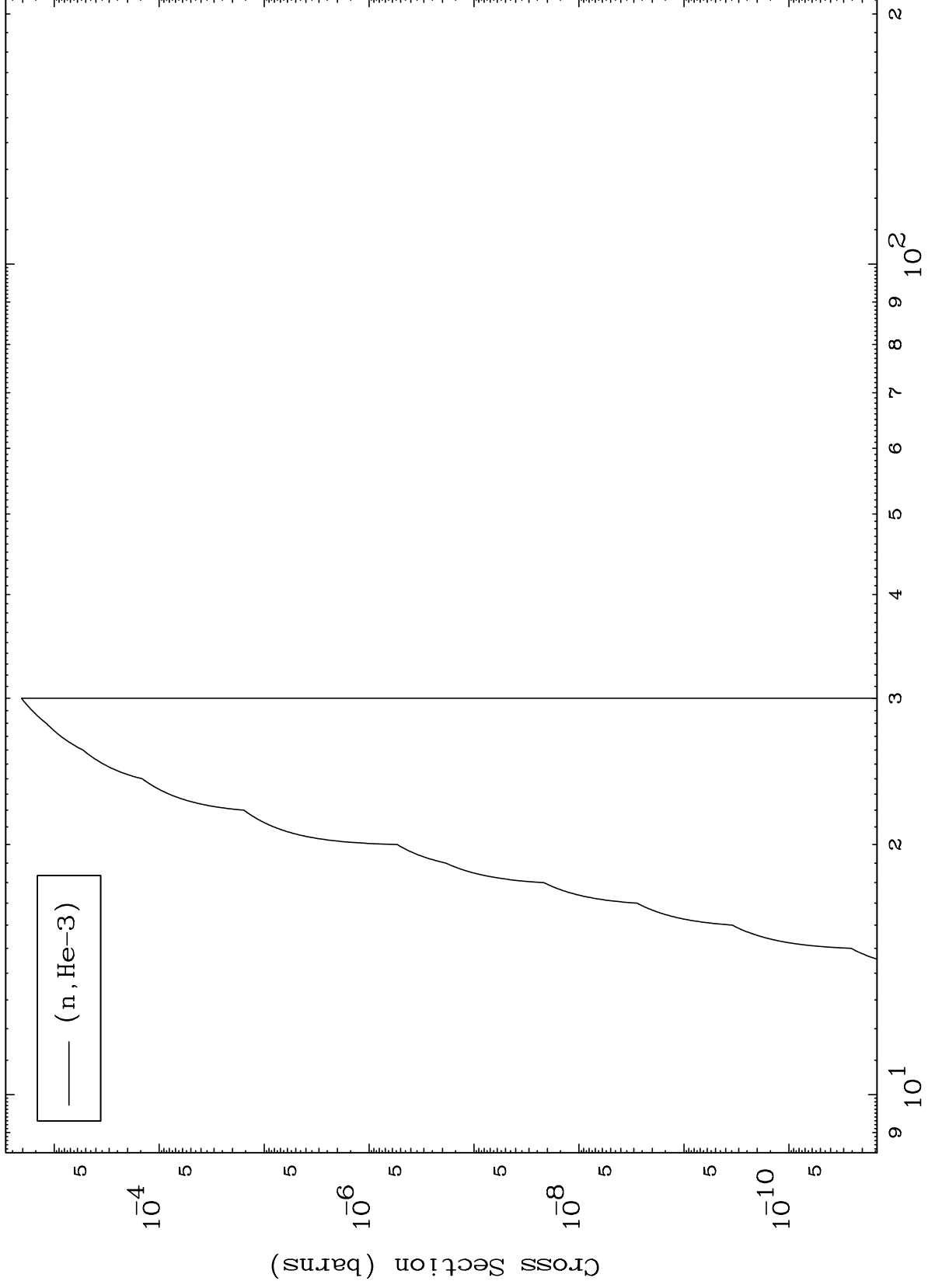
Incident Energy (MeV)

39-Y -84m

MAT 3911

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

39-Y -84m



9

Incident Energy (MeV)

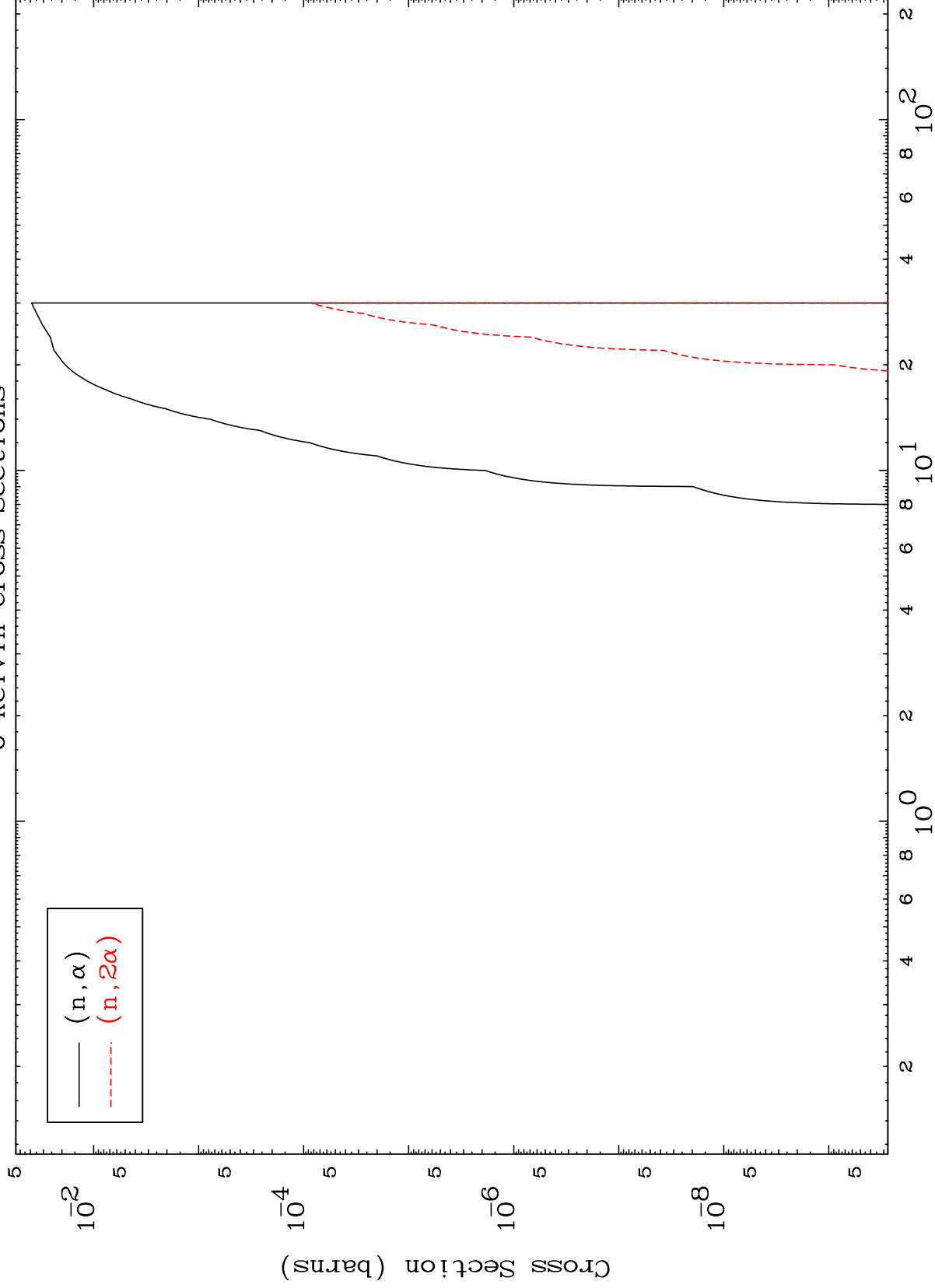
39-Y -84m

MAT 3911

( $\alpha, \alpha$ ) Levels

39-Y -84m

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

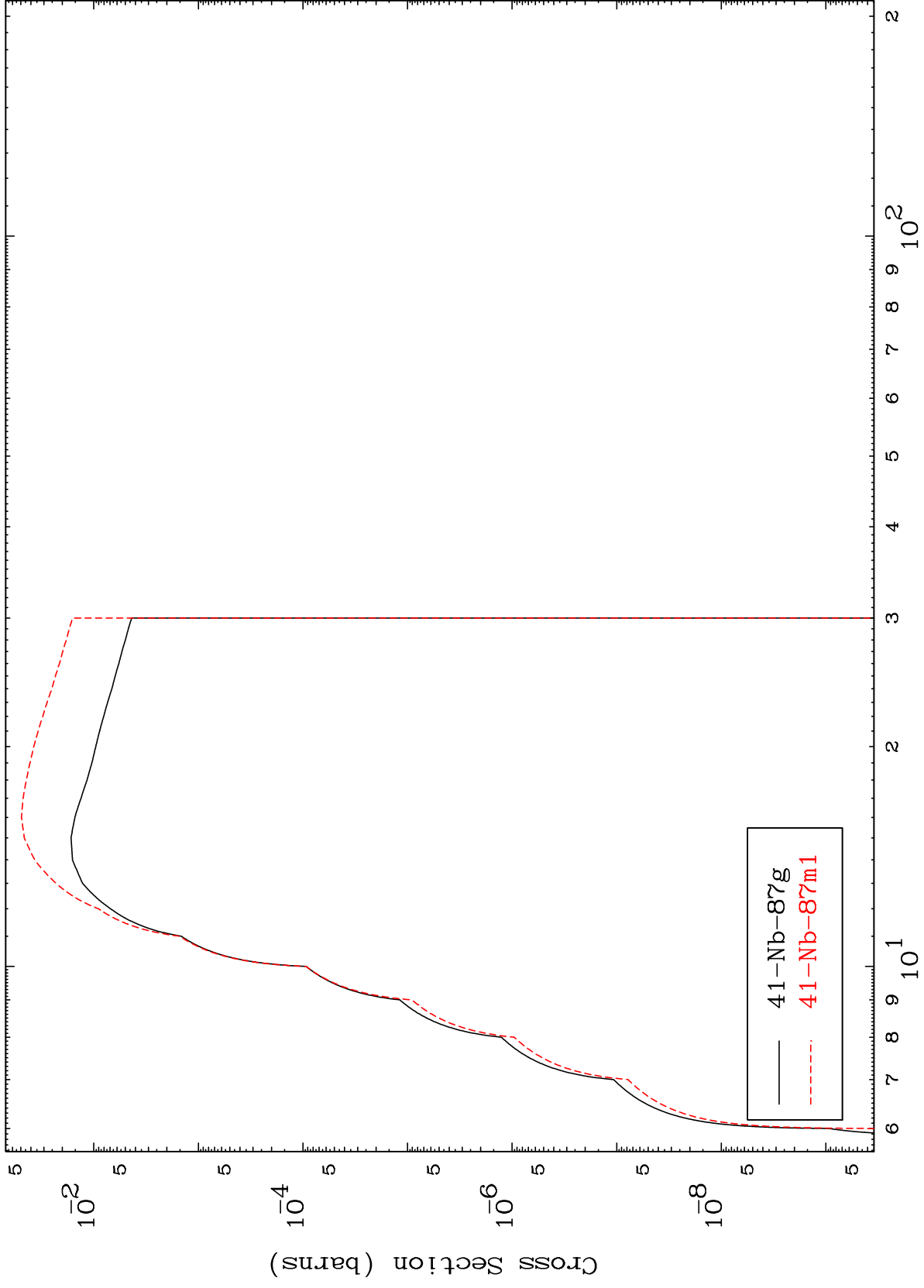
Incident Energy (MeV)

39-Y -84m

MAT 3911

39-Y -84m

Inelastic  
Radionuclide Production Cross Section



39-Y -84m

Incident Energy (MeV)

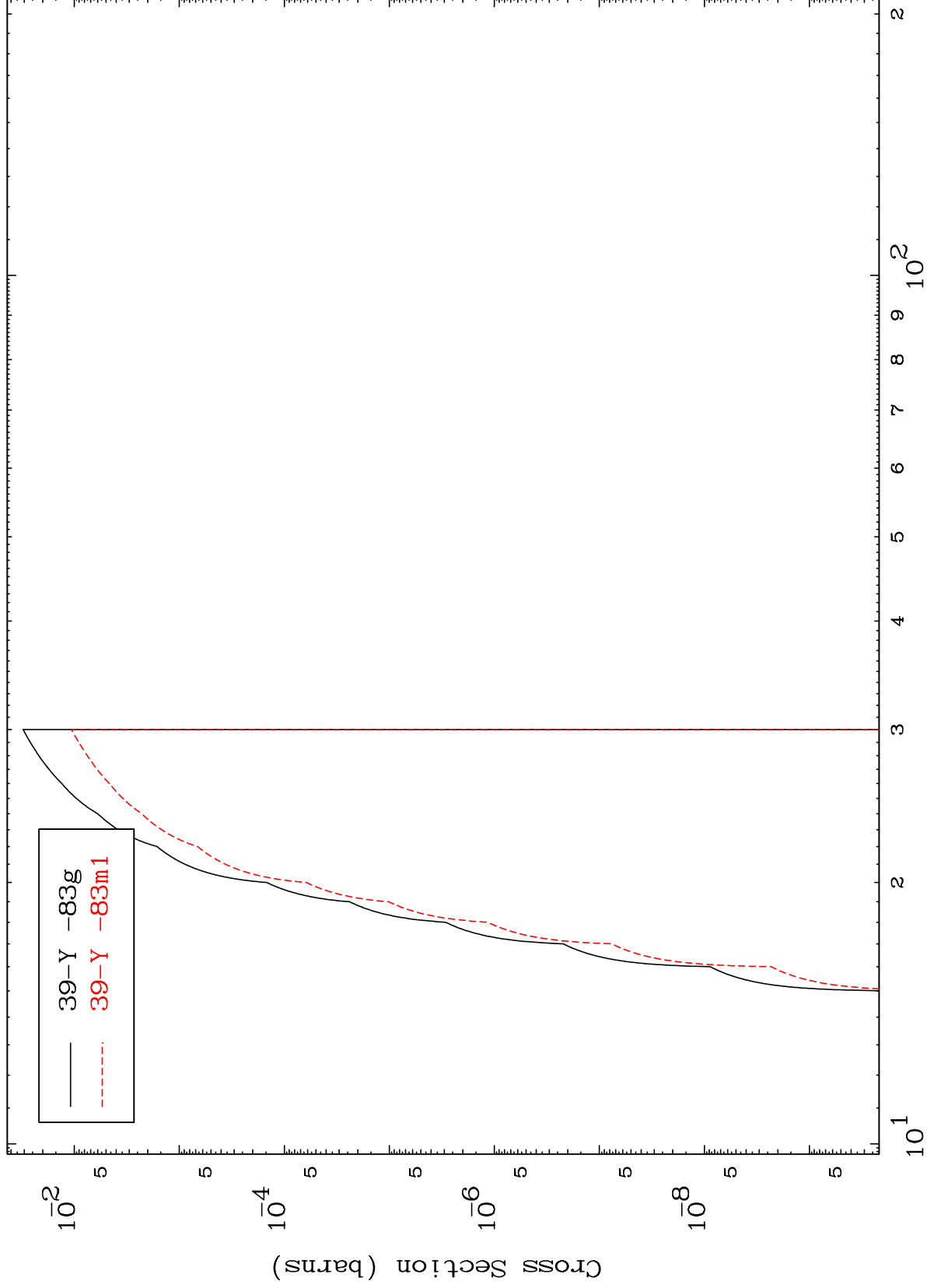
11

MAT 3911

(n,n')  $\alpha$

39-Y -84m

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -84m

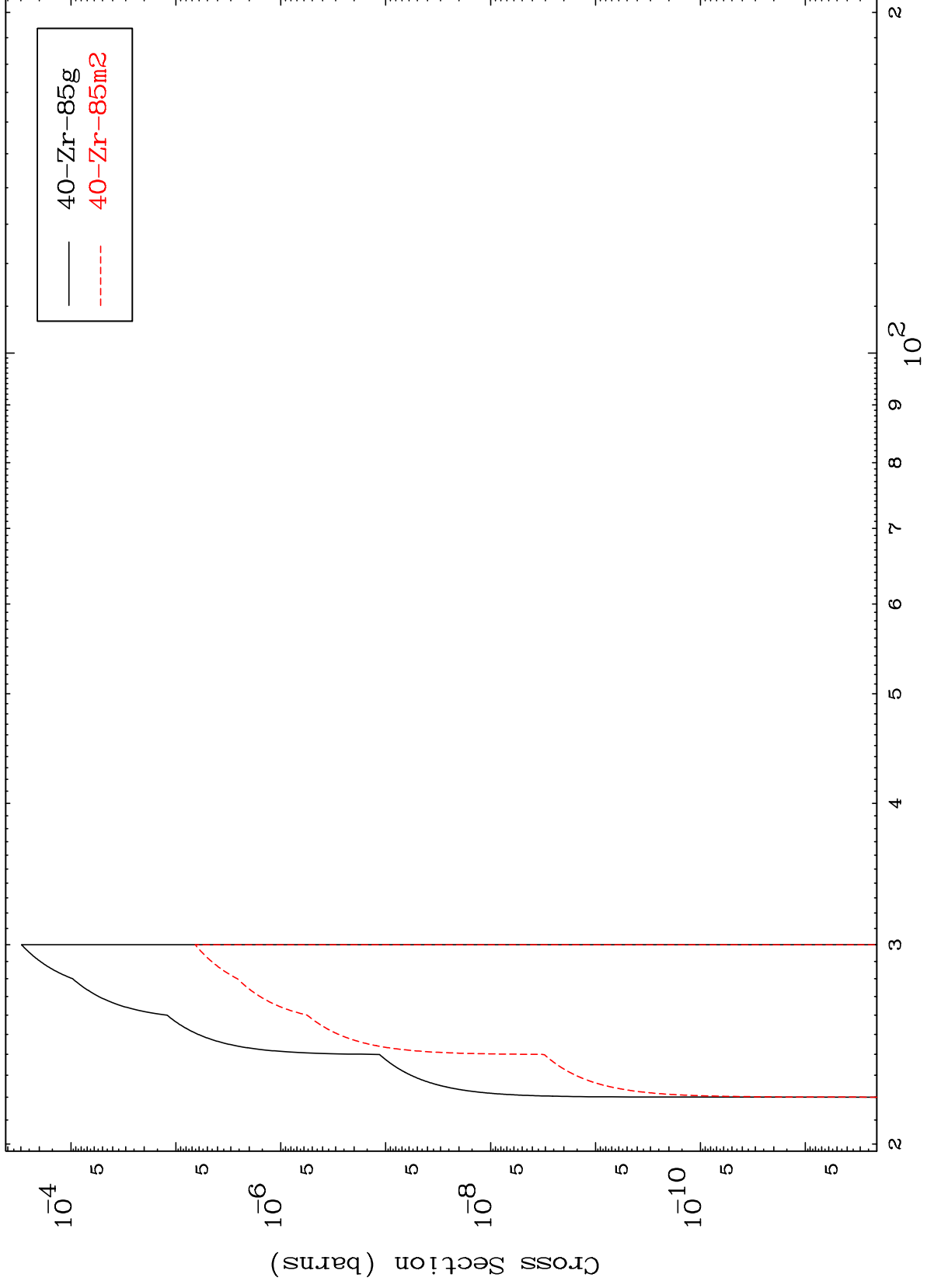
12

MAT 3911

(n,n') d

39-Y -84m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

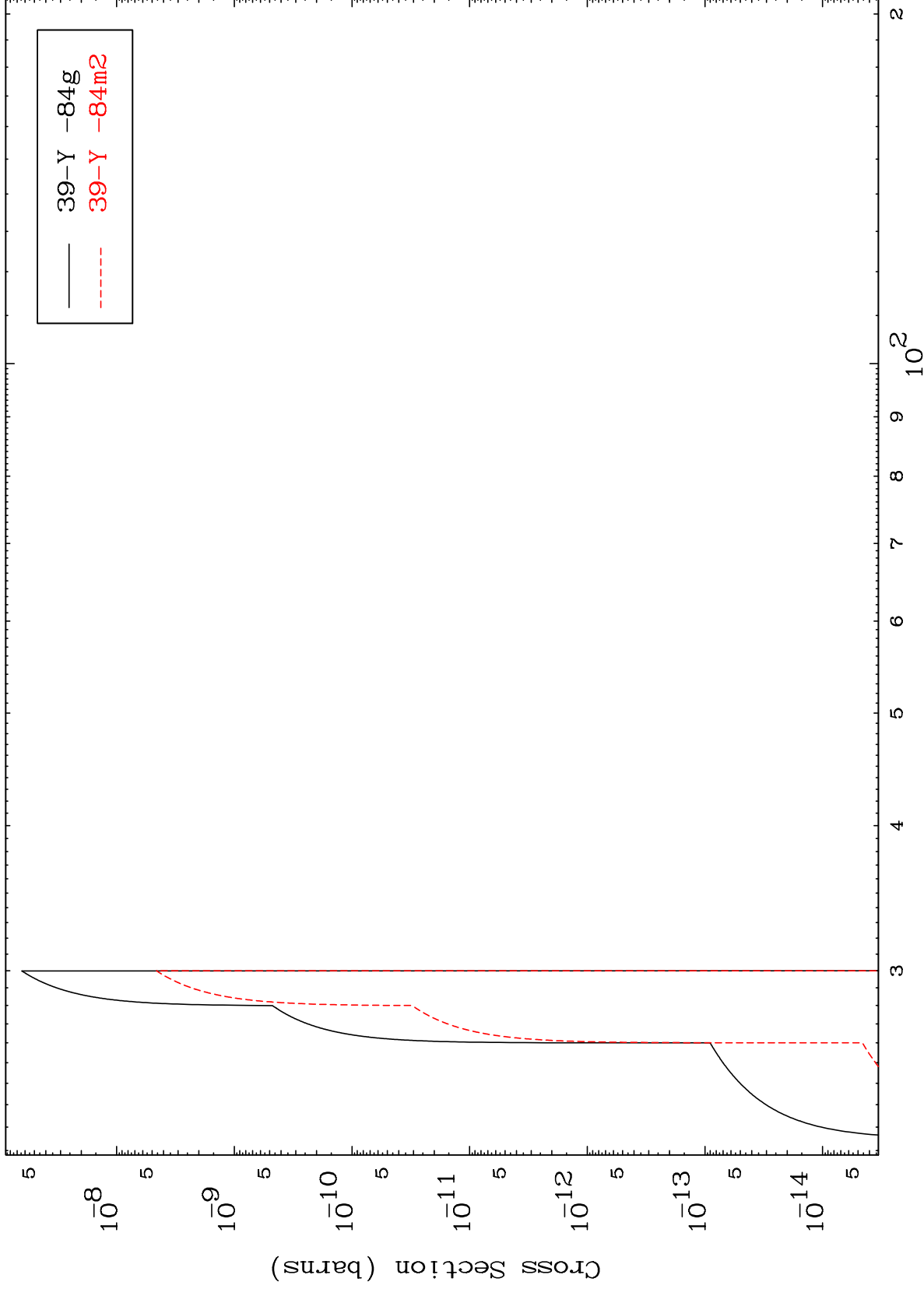
39-Y -84m

MAT 3911

(n,n') He-3

39-Y -84m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

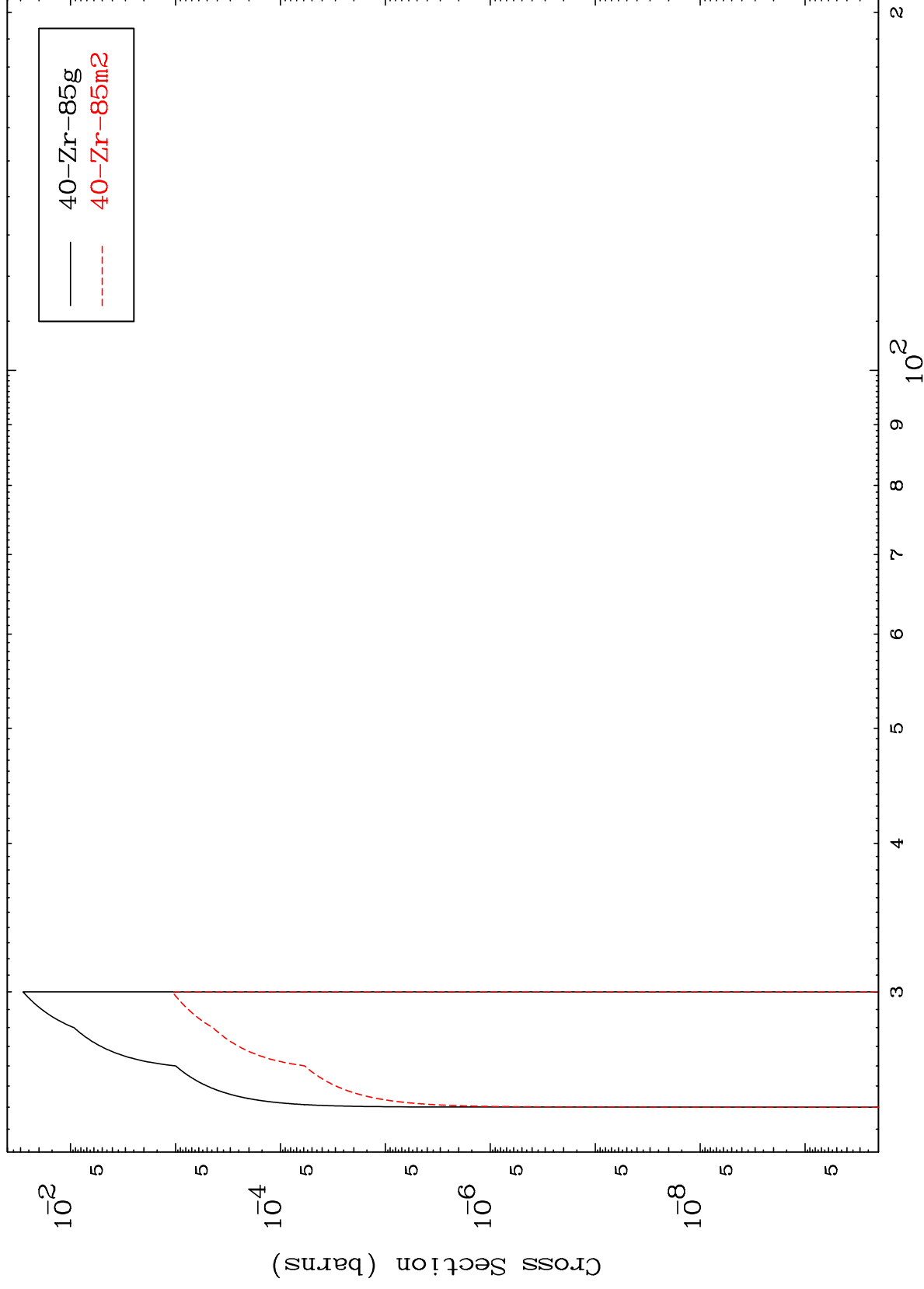
39-Y -84m

MAT 3911

(n,2n) p

39-Y -84m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

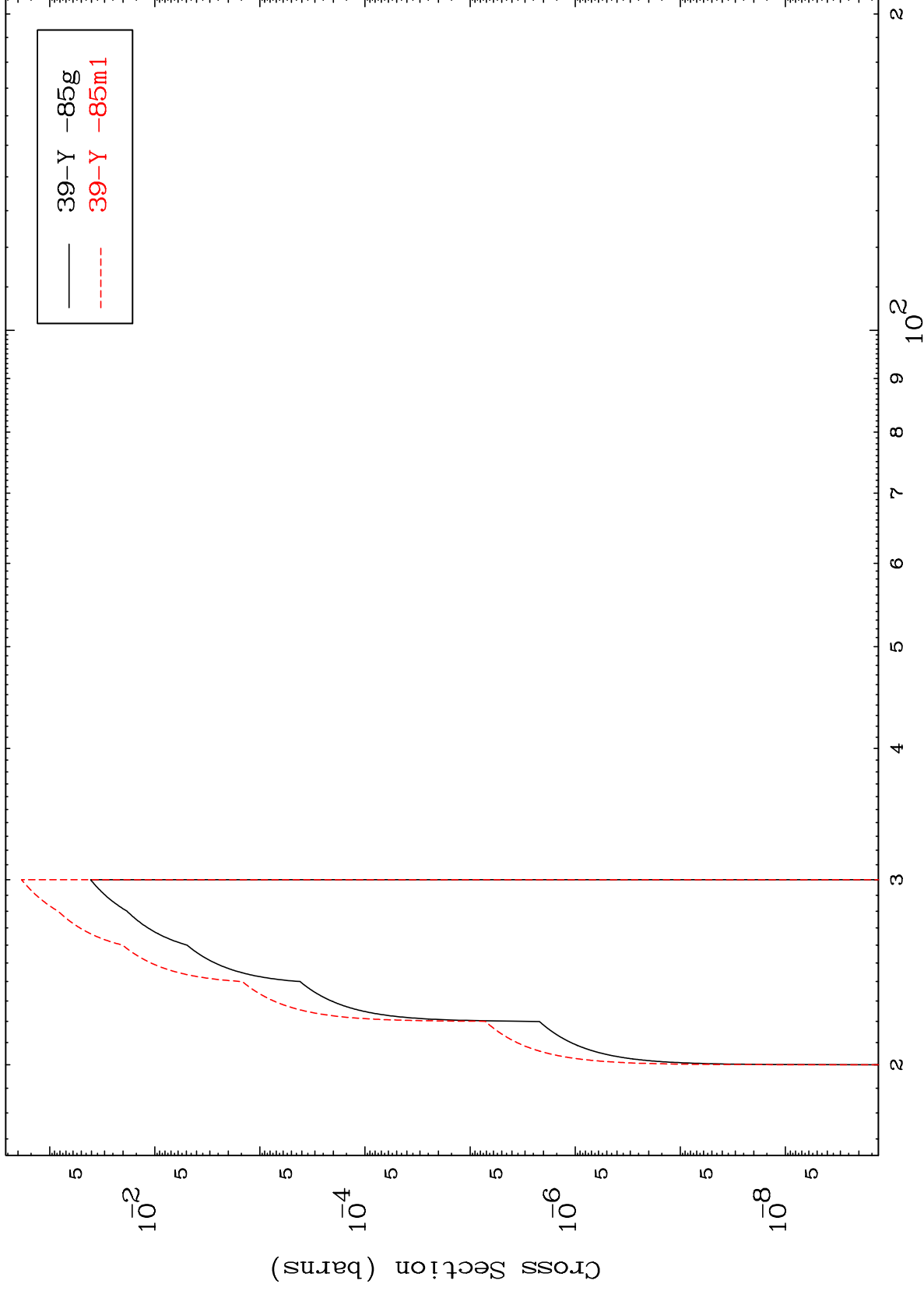
39-Y -84m

MAT 3911

(n,2n) p

39-Y -84m

Radionuclide Production Cross Section



16

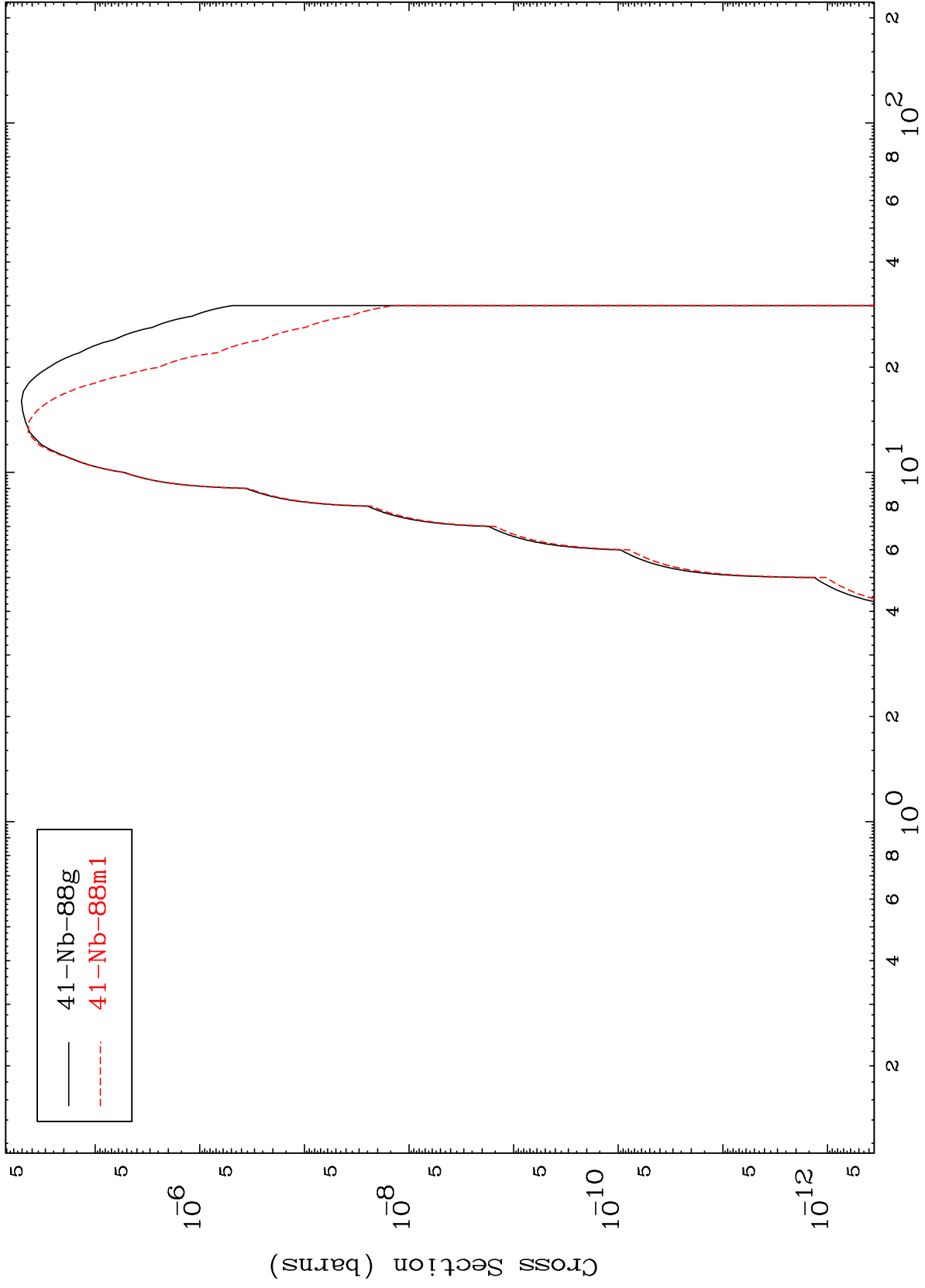
Incident Energy (MeV)

39-Y -84m

MAT 3911

39-Y -84m

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



39-Y -84m

Incident Energy (MeV)

17

MAT 3911

39-Y -84m

(n,p)  
Radionuclide Production Cross Section

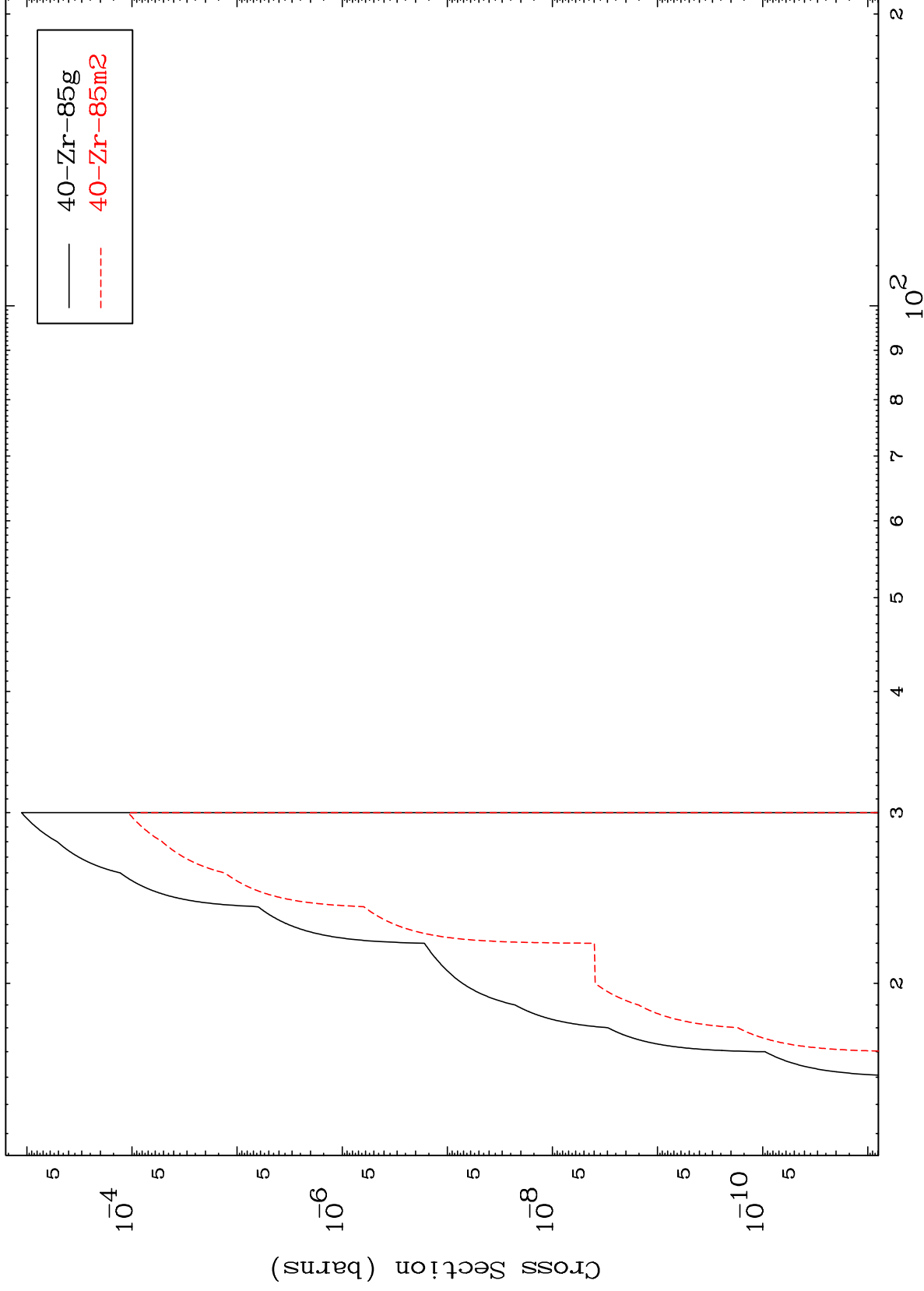


18

39-Y -84m

Incident Energy (MeV)

(n,t)  
Radionuclide Production Cross Section

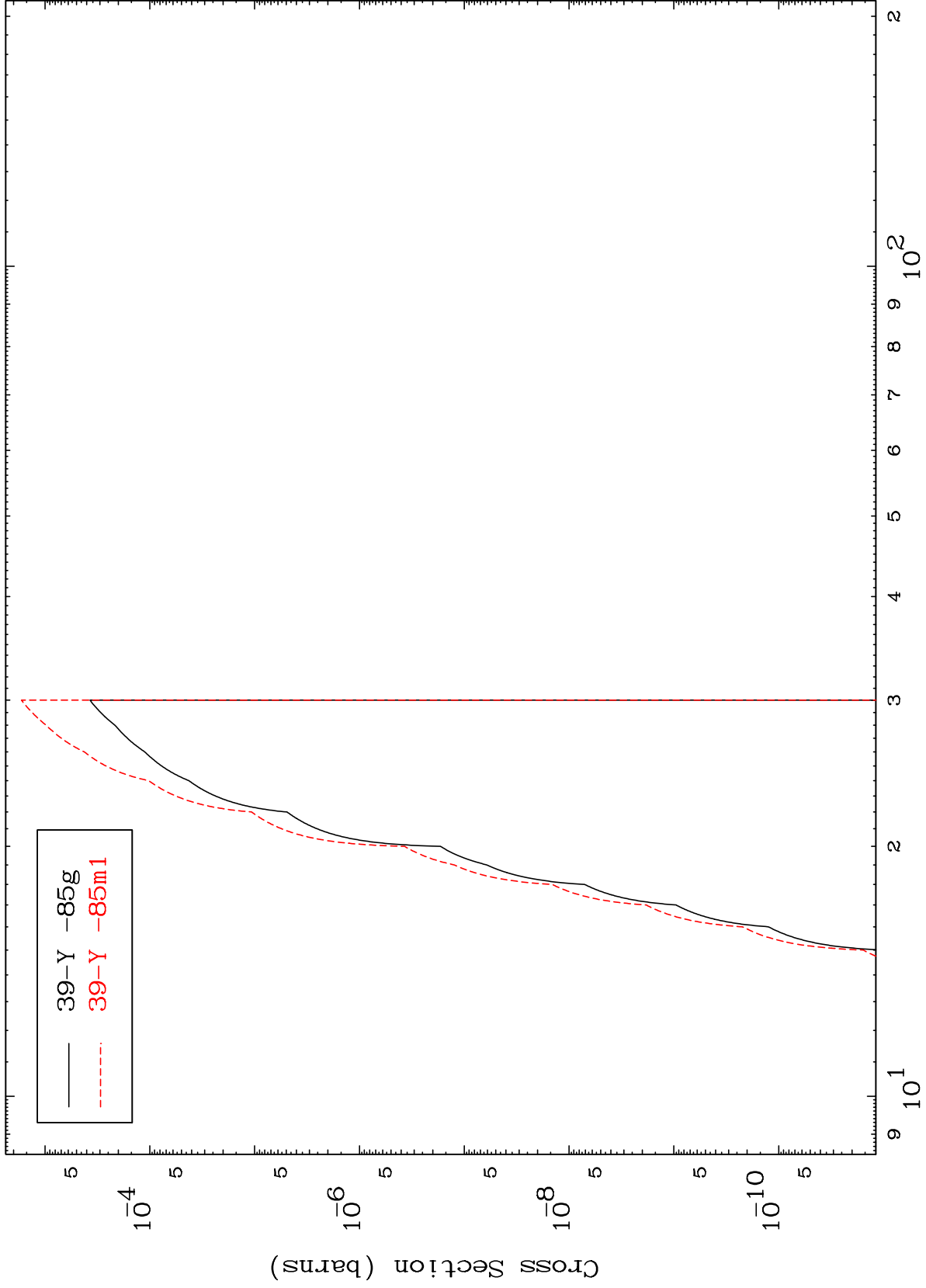


MAT 3911

(n,He-3)

39-Y -84m

Radionuclide Production Cross Section



20

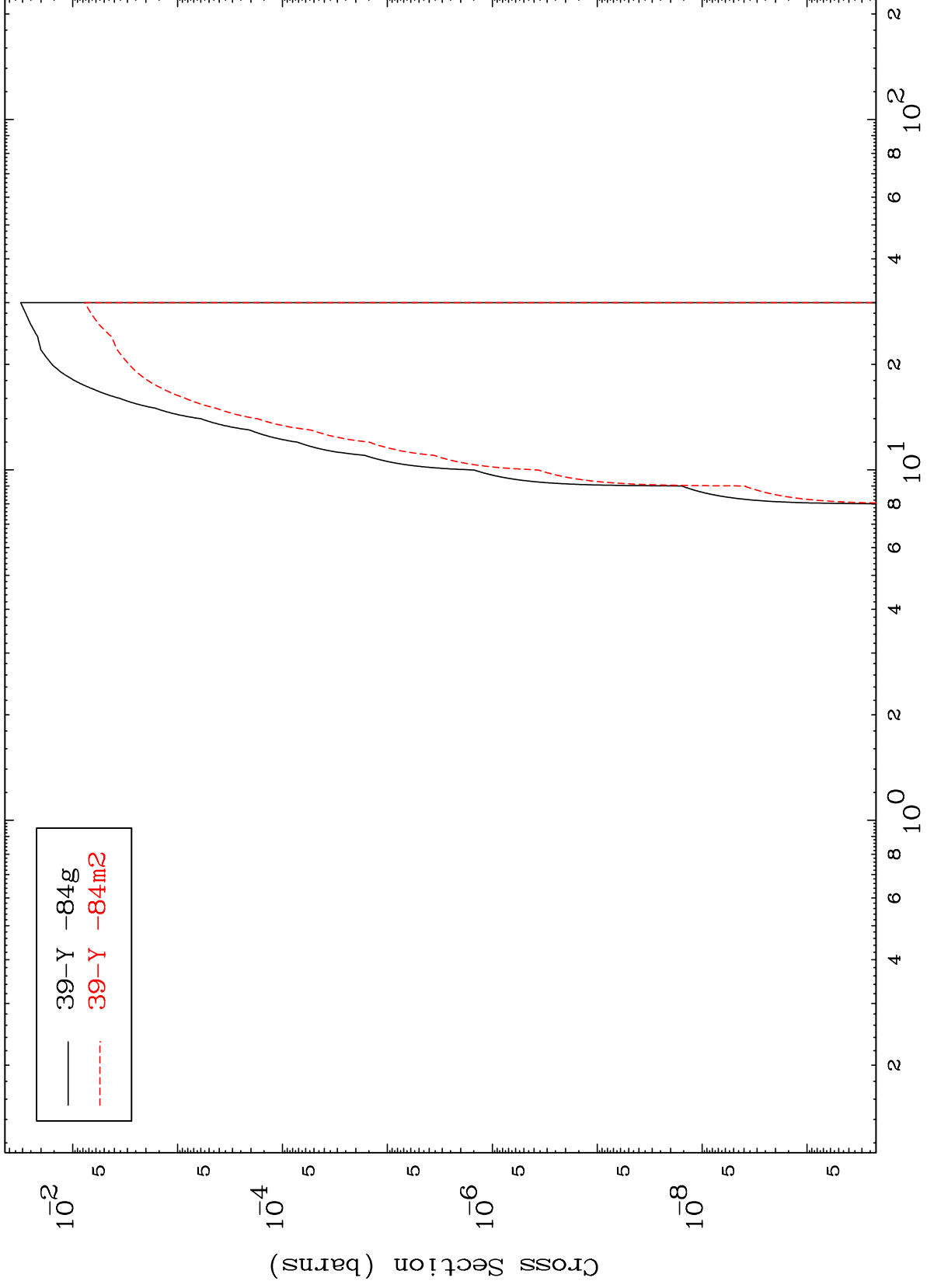
Incident Energy (MeV)

39-Y -84m

MAT 3911

39-Y -84m

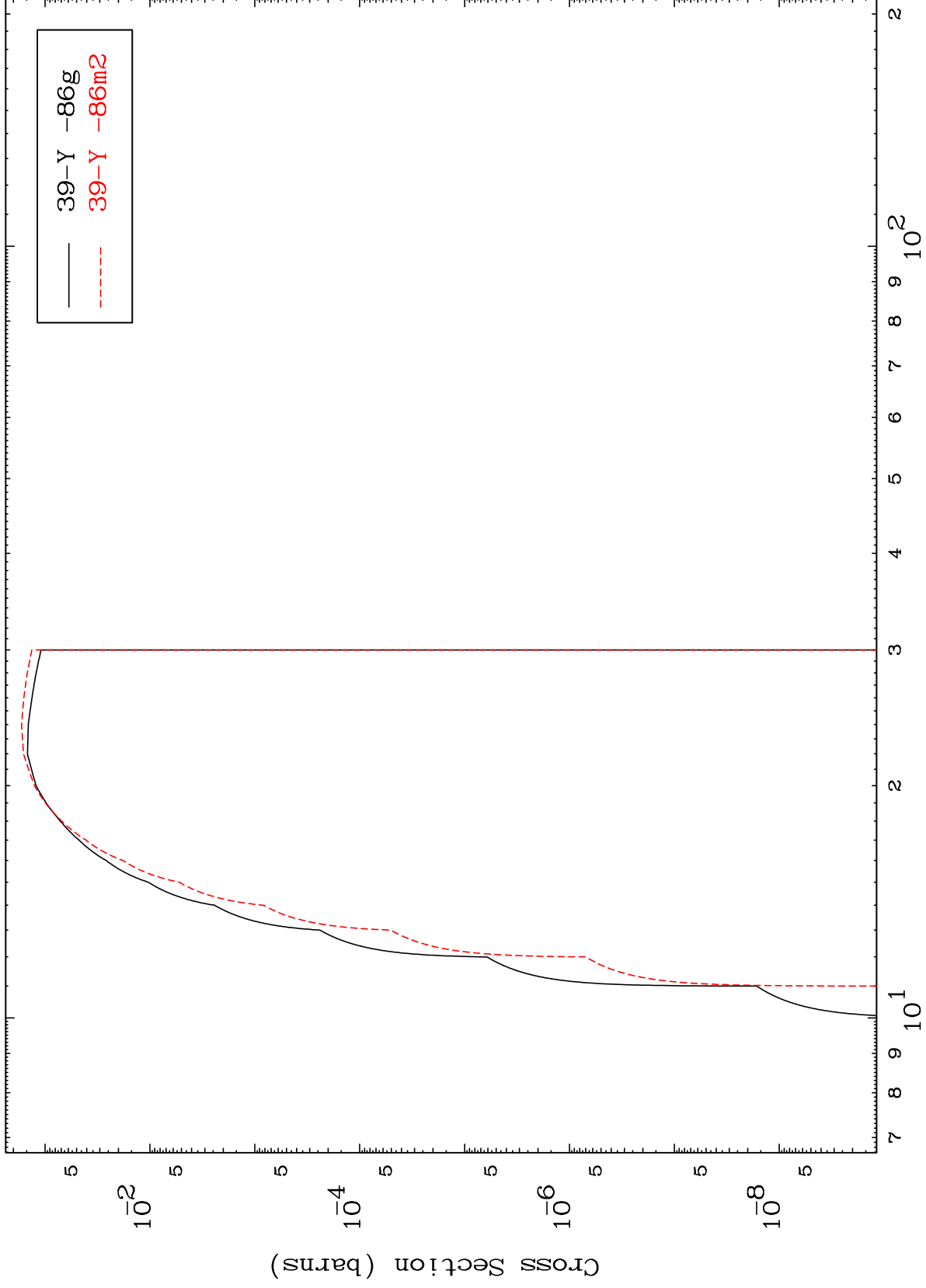
Radionuclide Production Cross Section  
(n,  $\alpha$ )



MAT 3911

39-Y -84m

(n,2p)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

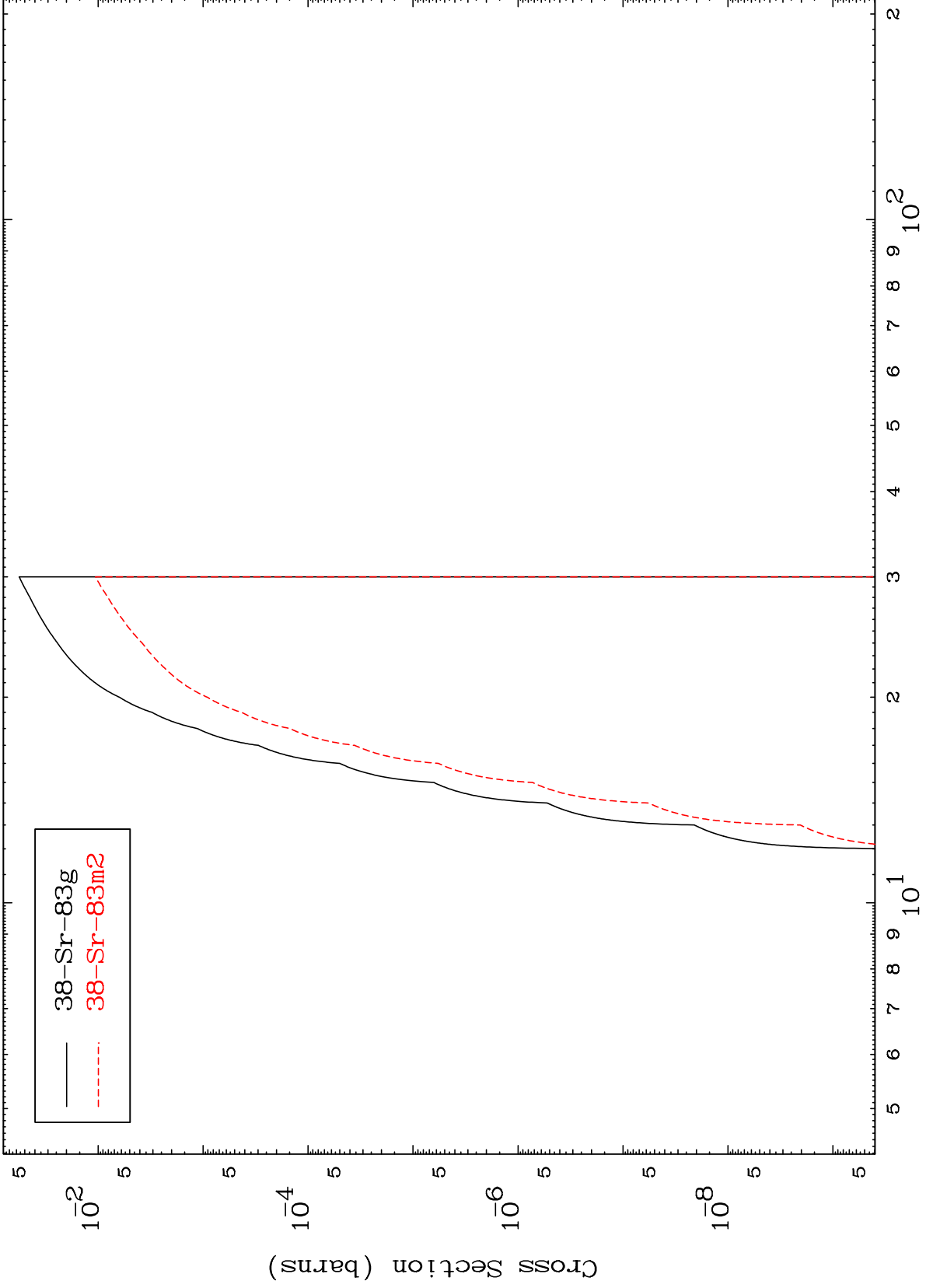
39-Y -84m

MAT 3911

(n,p)  $\alpha$

39-Y -84m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

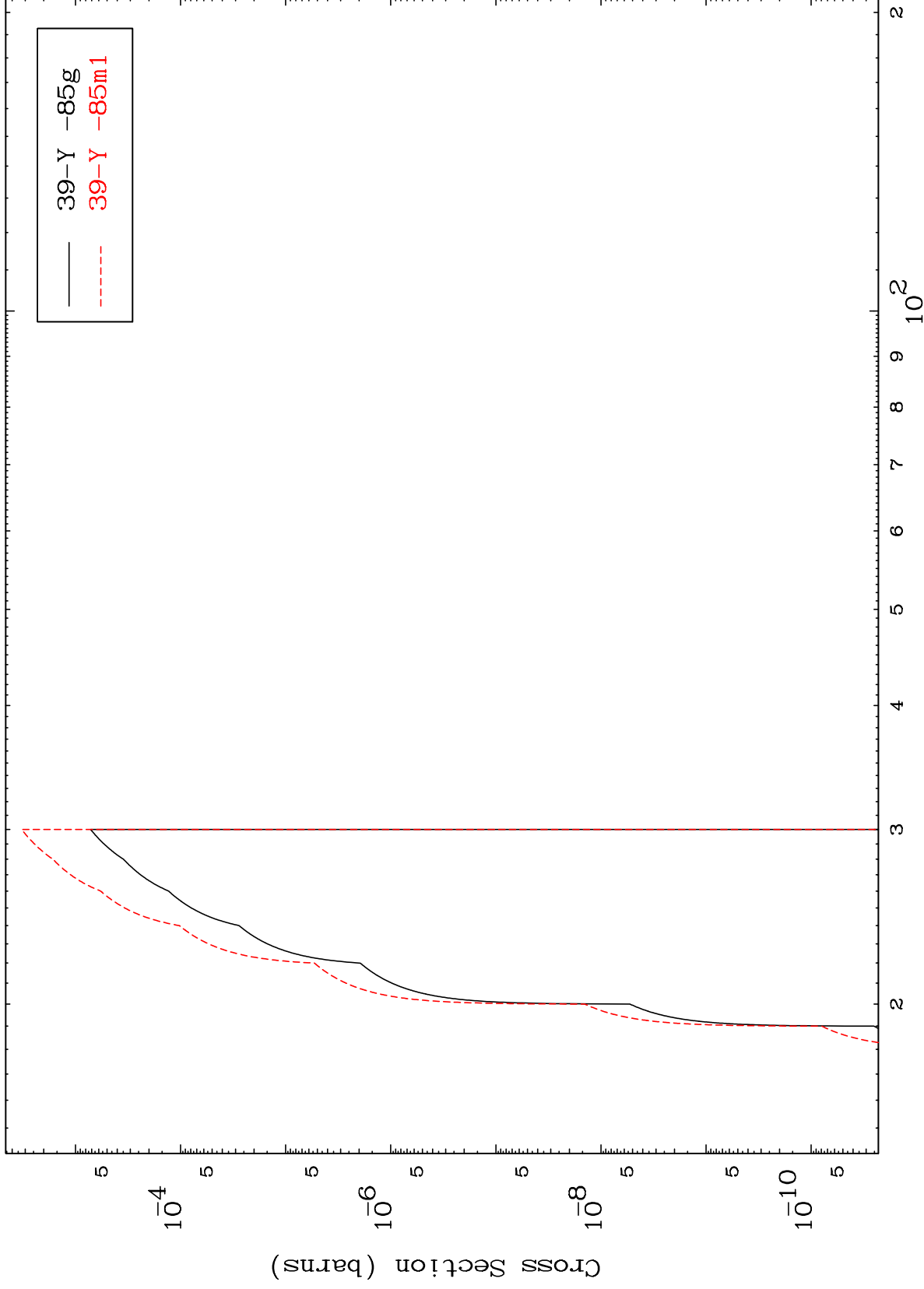
39-Y -84m

MAT 3911

(n,p) d

39-Y -84m

Radionuclide Production Cross Section

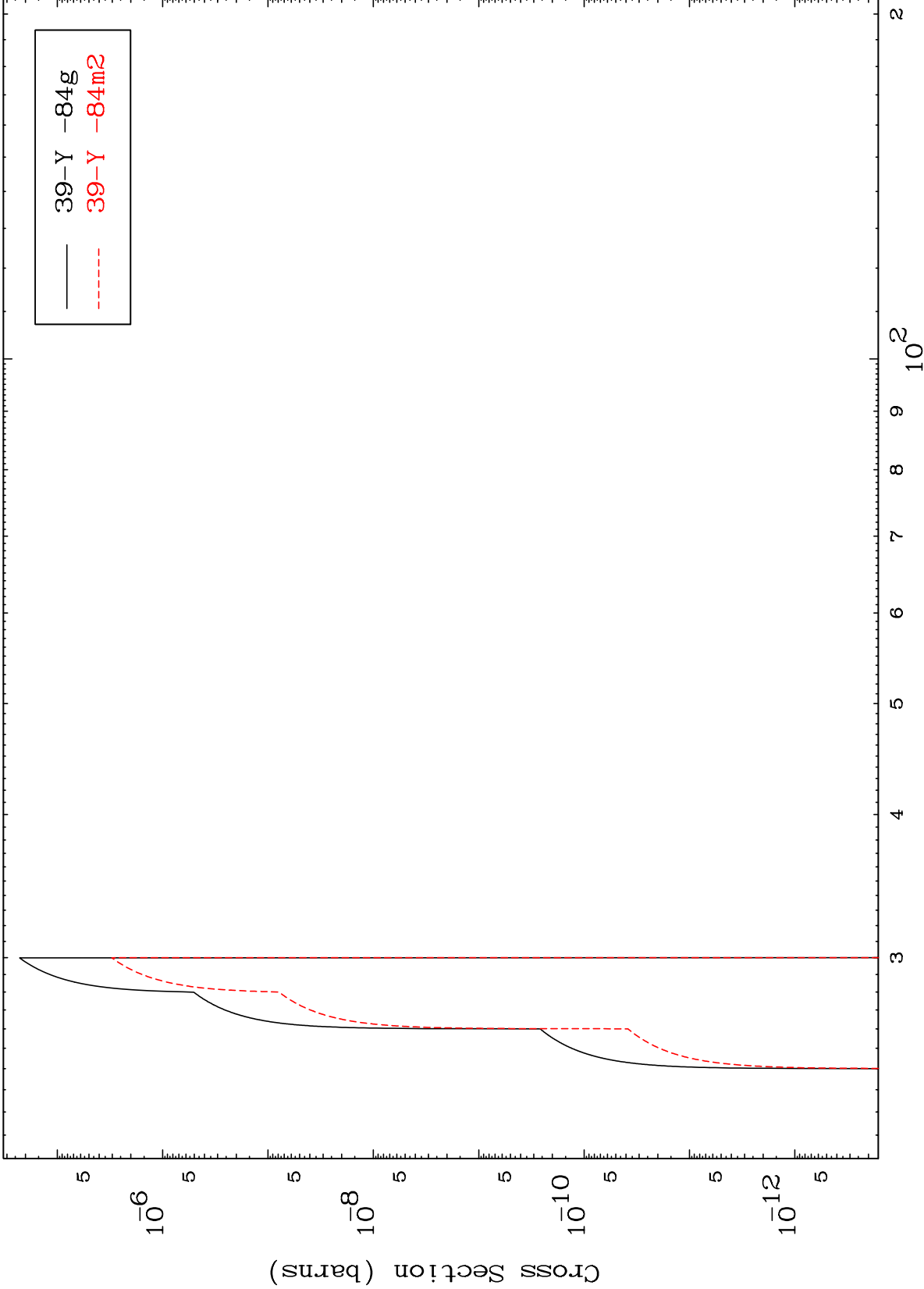


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Incident Energy (MeV)

39-Y -84m

Radionuclide Production Cross Section



— 39-Y -84g  
- - - 39-Y -84m2