

Program EVALPLOT  
(Version 2021-1)

by

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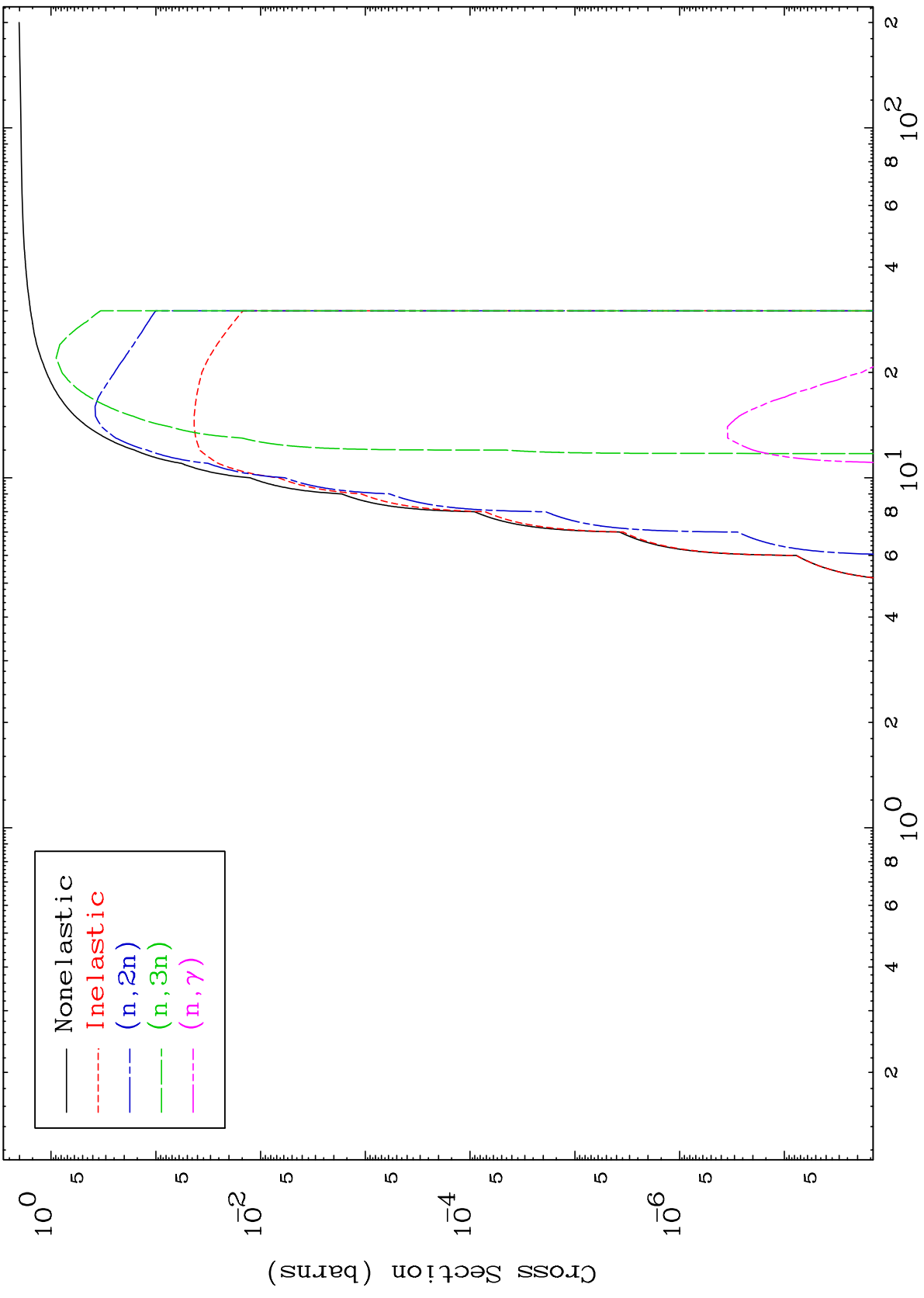
Press Mouse Button to Start

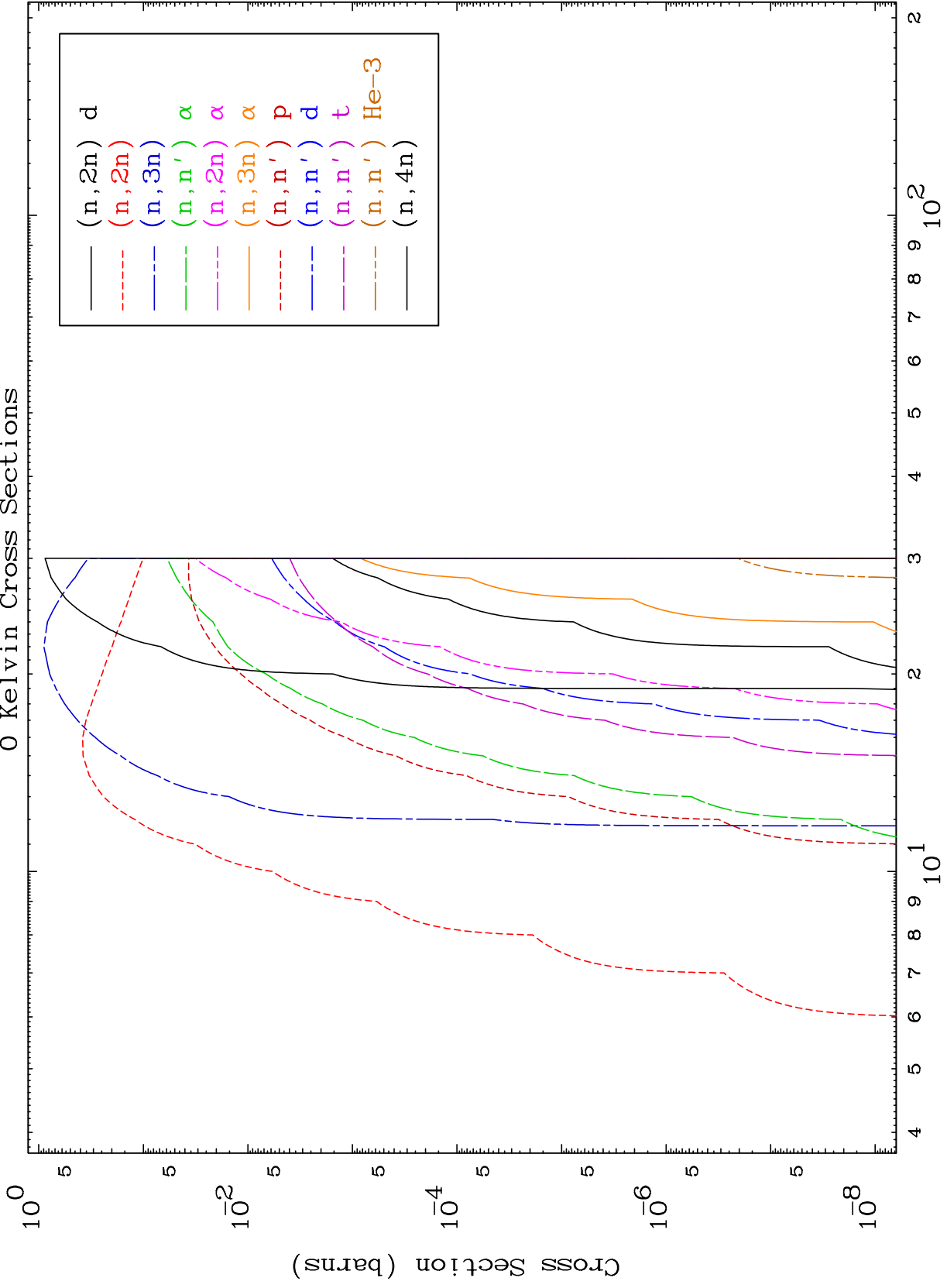
MAT 3953

$\alpha$  Major

39-Y -98m

0 Kelvin Cross Sections

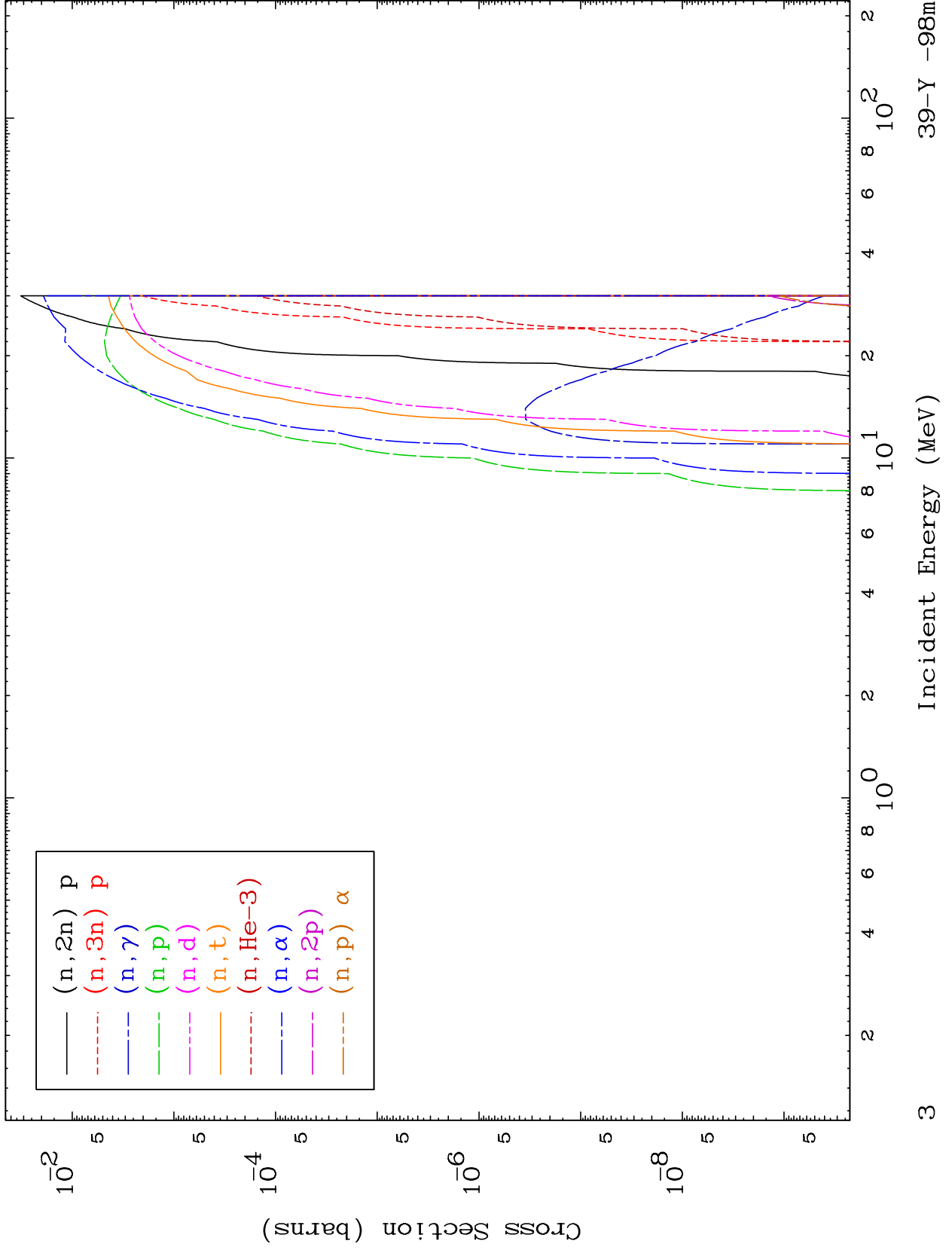




MAT 3953

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

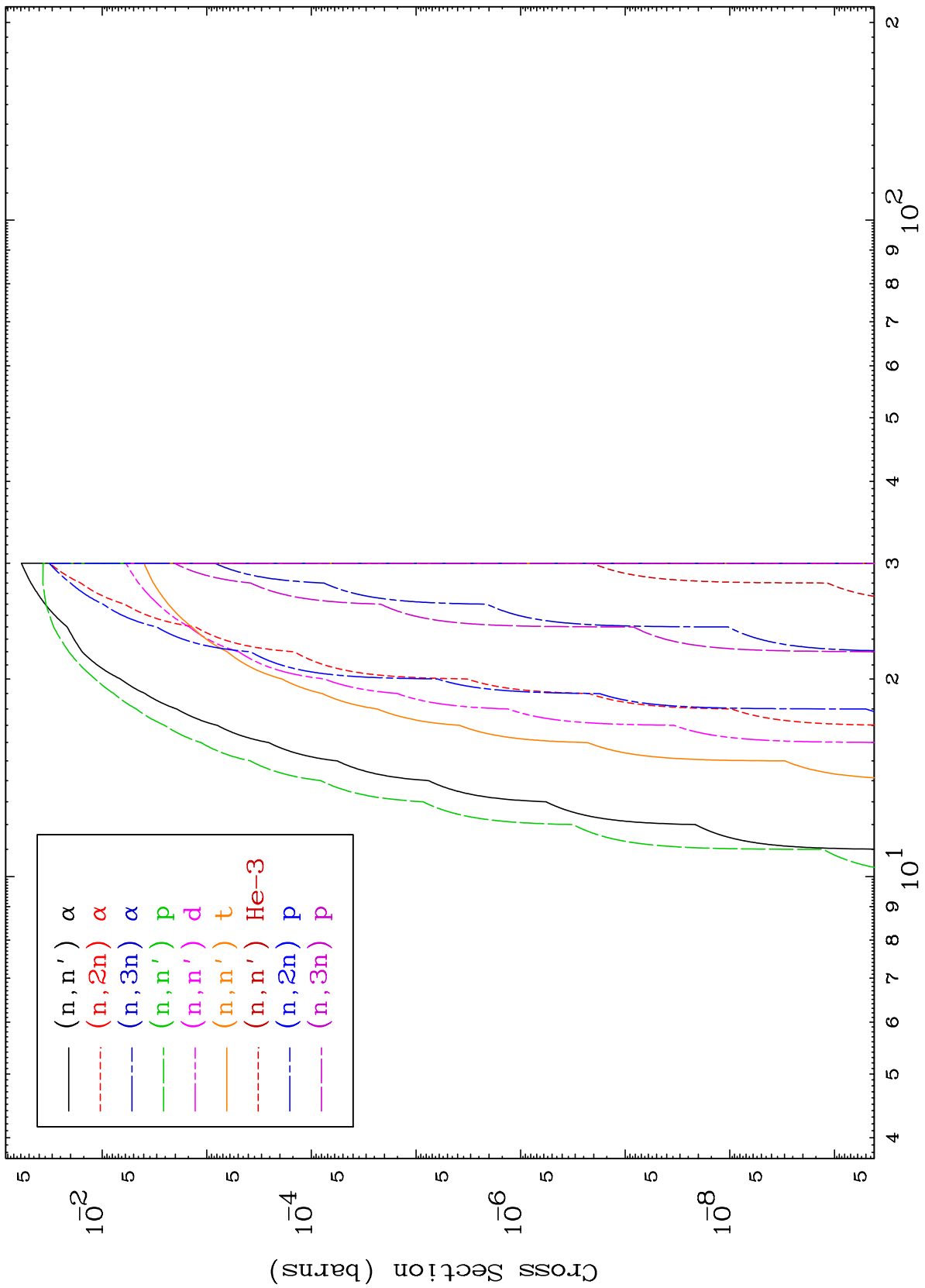
39-Y -98m



MAT 3953

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

39-Y -98m



Incident Energy (MeV)

39-Y -98m

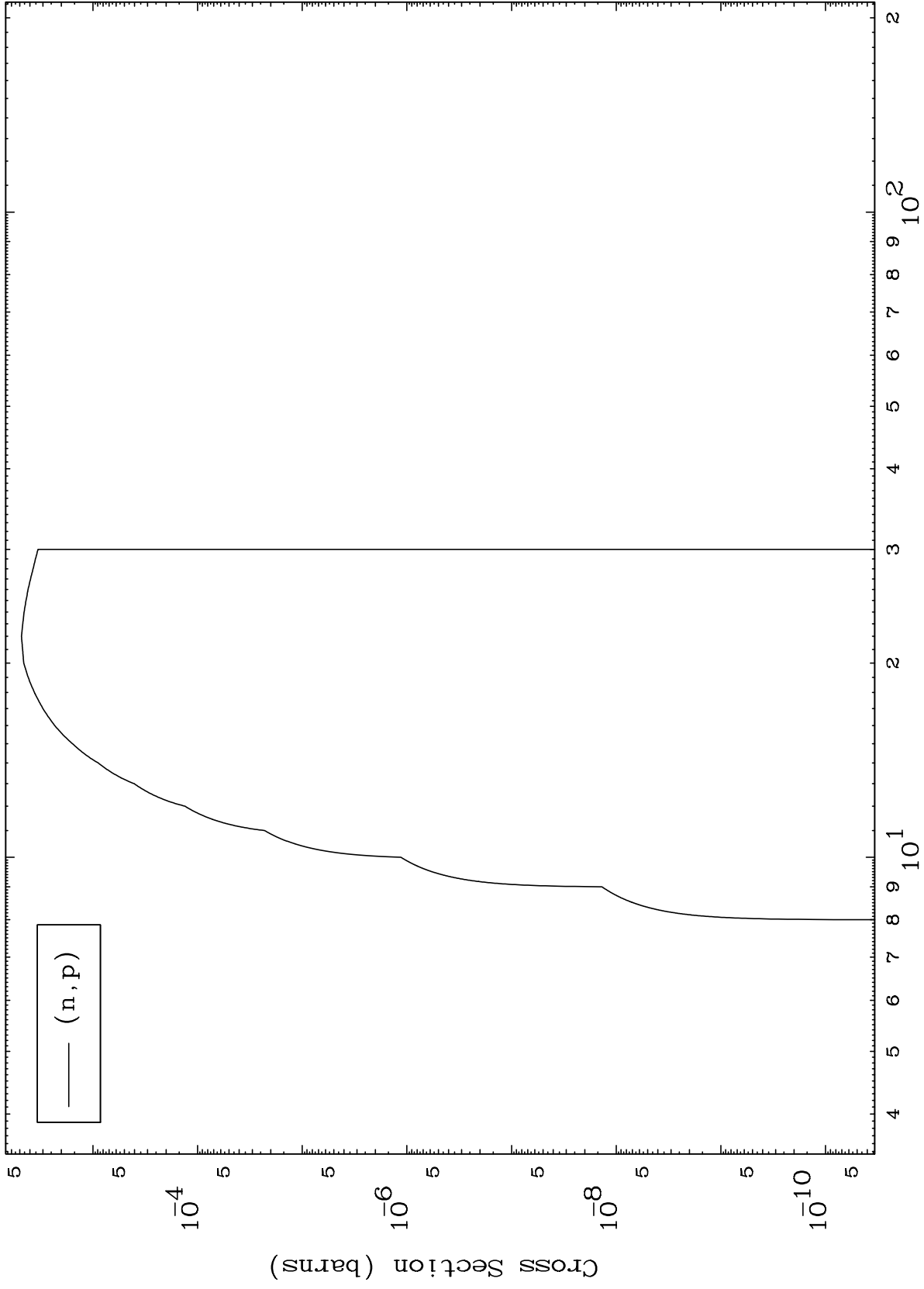
4



MAT 3953

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

39-Y -98m



6

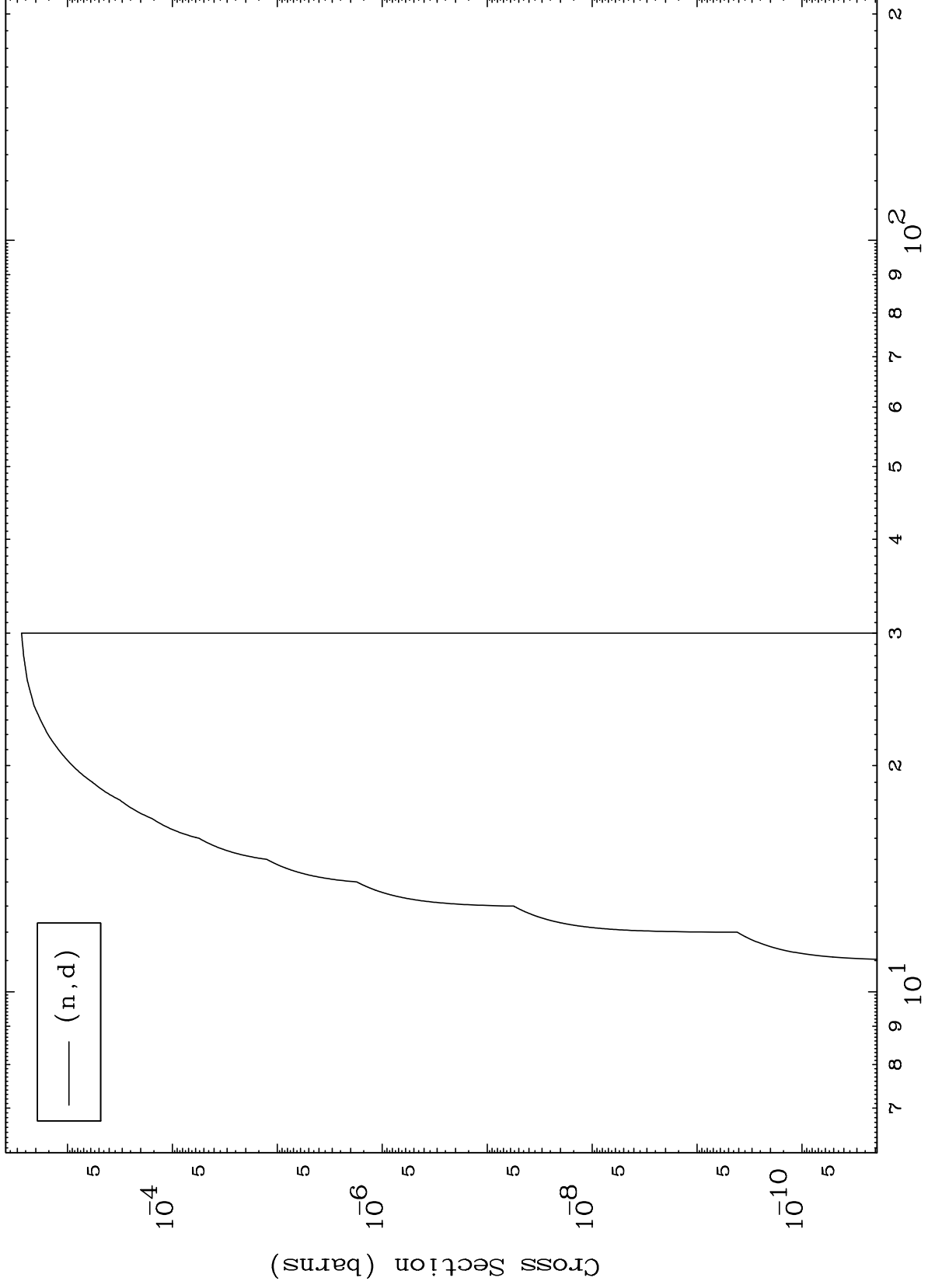
Incident Energy (MeV)

39-Y -98m

MAT 3953

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

39-Y -98m



7

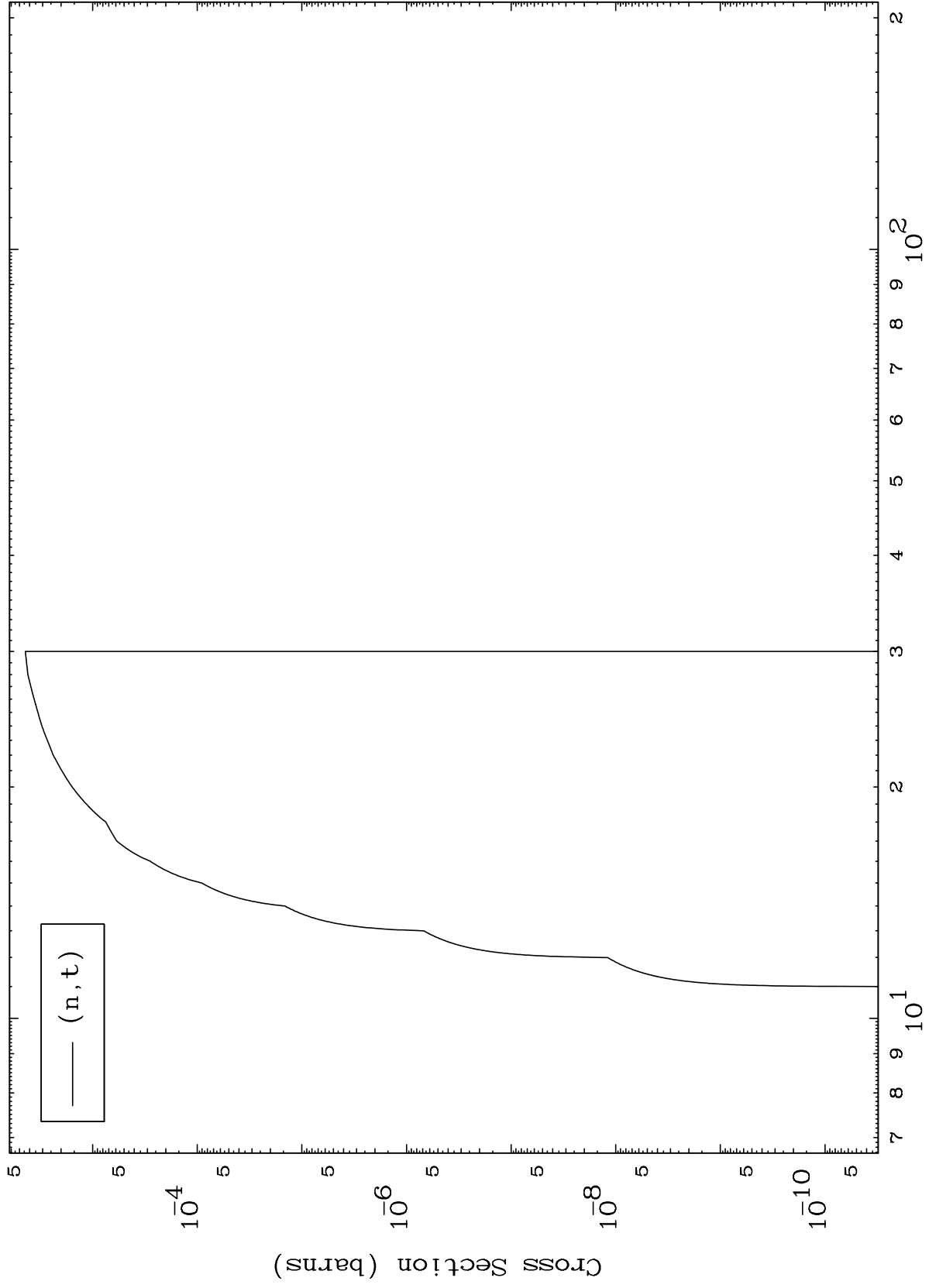
Incident Energy (MeV)

39-Y -98m

MAT 3953

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

39-Y -98m

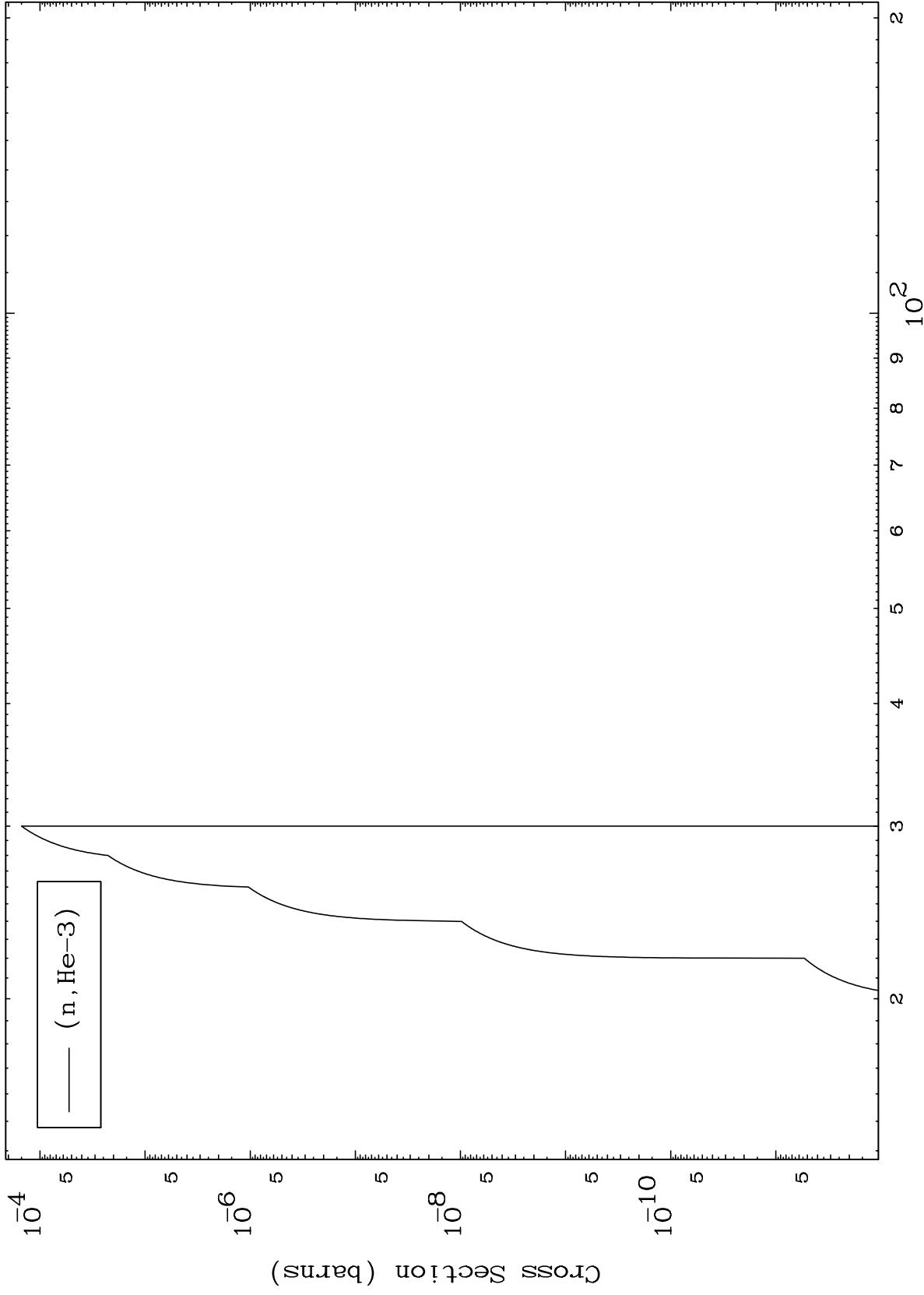


8

Incident Energy (MeV)

39-Y -98m

0 Kelvin Cross Sections

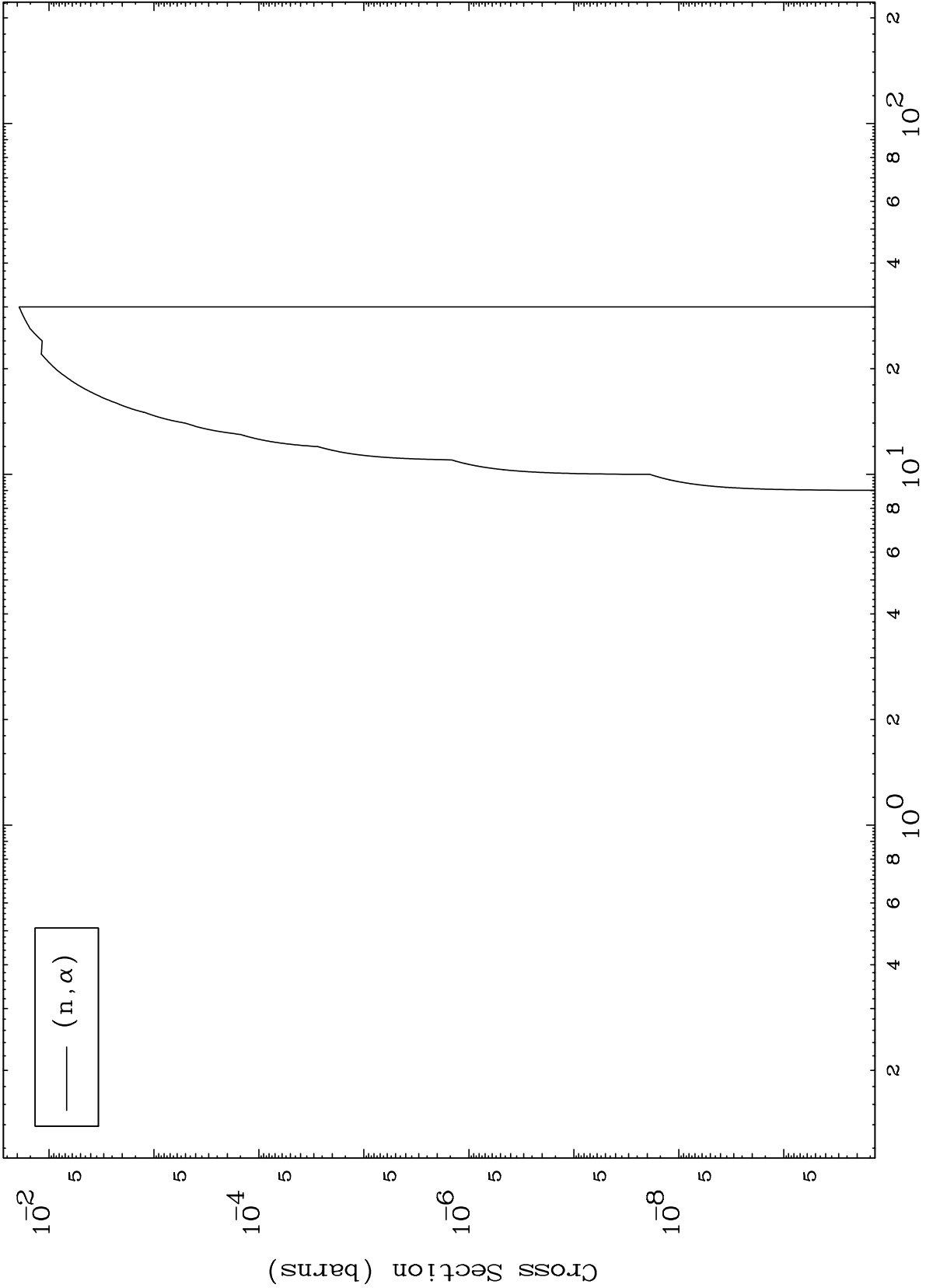


MAT 3953

( $\alpha, \alpha$ ) Levels

39-Y -98m

0 Kelvin Cross Sections



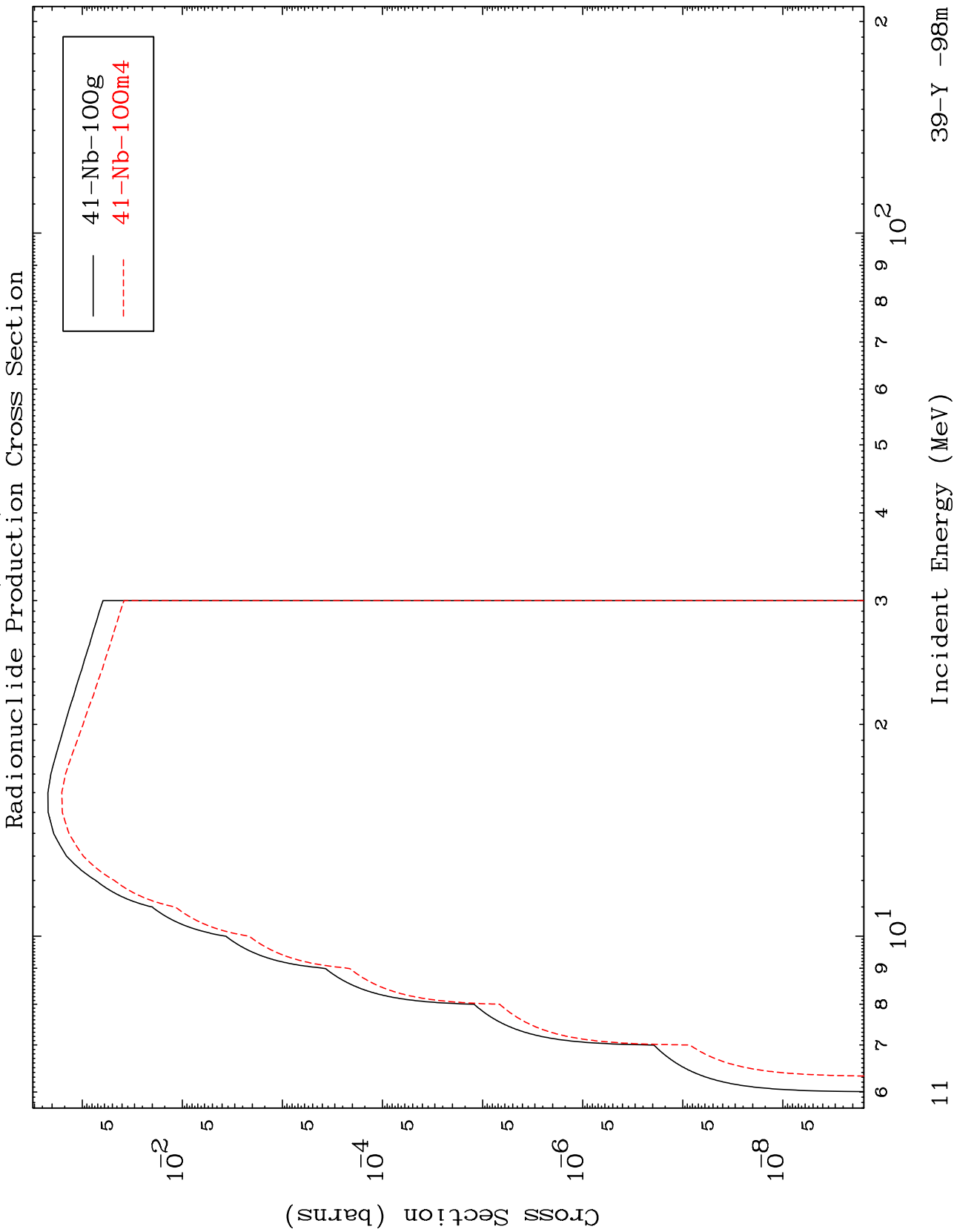
10

Incident Energy (MeV)

39-Y -98m

MAT 3953

39-Y -98m

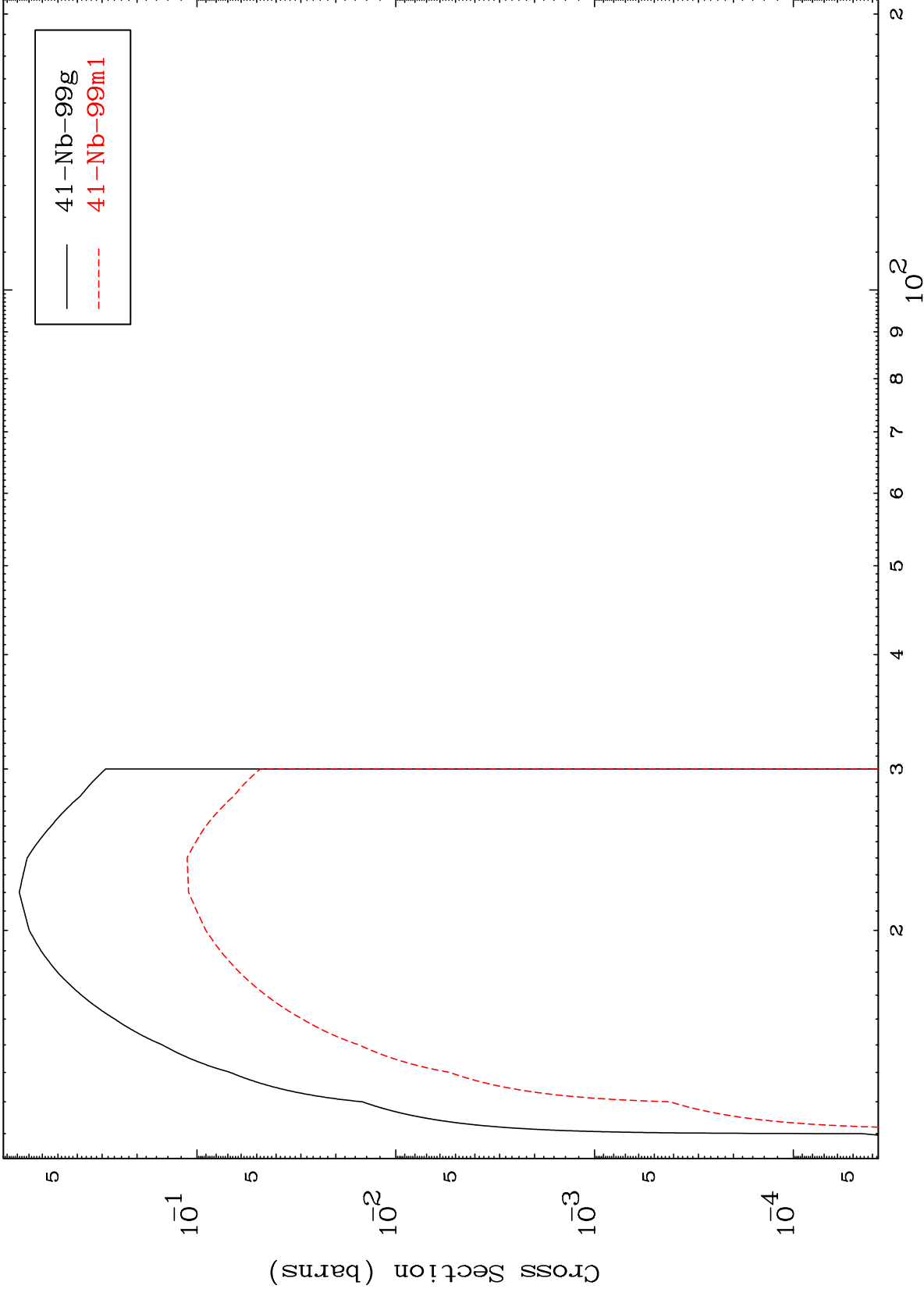


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(n,3n)

39-Y -98m

Radionuclide Production Cross Section



41-Nb-99g  
41-Nb-99m1

12

Incident Energy (MeV)

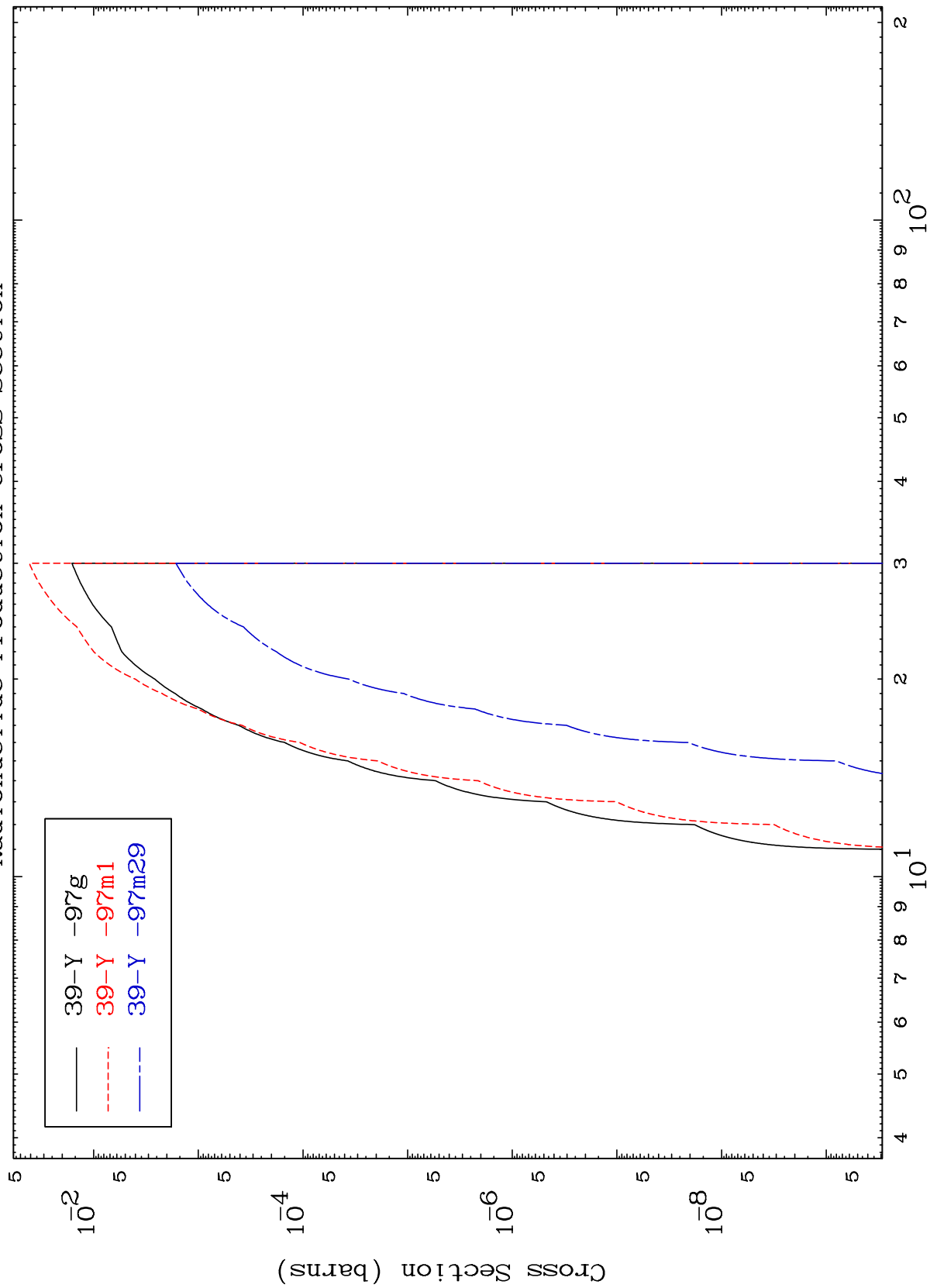
39-Y -98m

MAT 3953

$(n, n') \alpha$

39-Y -98m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

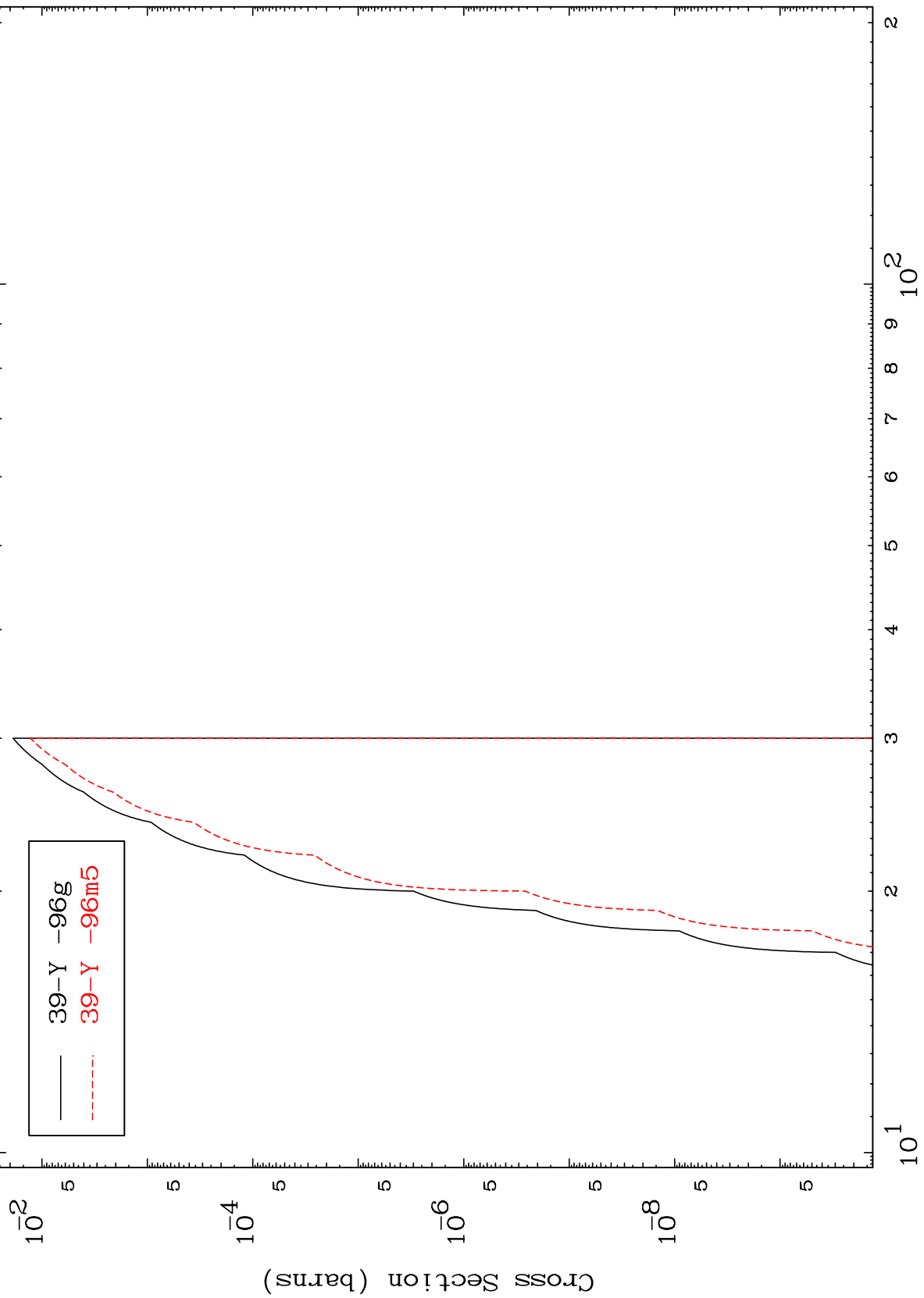
39-Y -98m

MAT 3953

$(n,2n) \alpha$

39-Y -98m

Radionuclide Production Cross Section



Legend:  
— 39-Y -96g  
- - - 39-Y -96m5

Incident Energy (MeV)

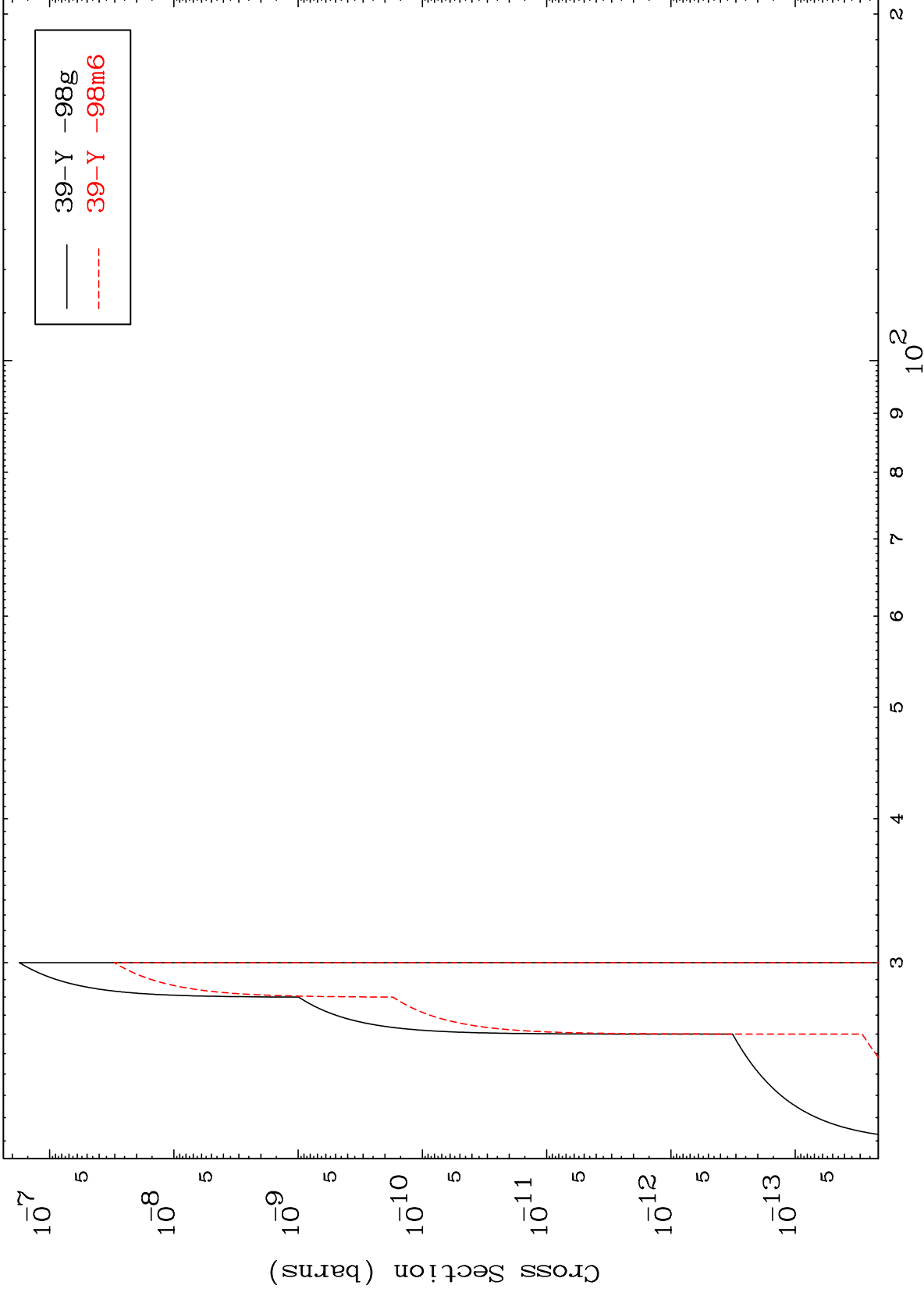
39-Y -98m

MAT 3953

(n,n') He-3

39-Y -98m

Radionuclide Production Cross Section



39-Y -98g  
39-Y -98m6

15

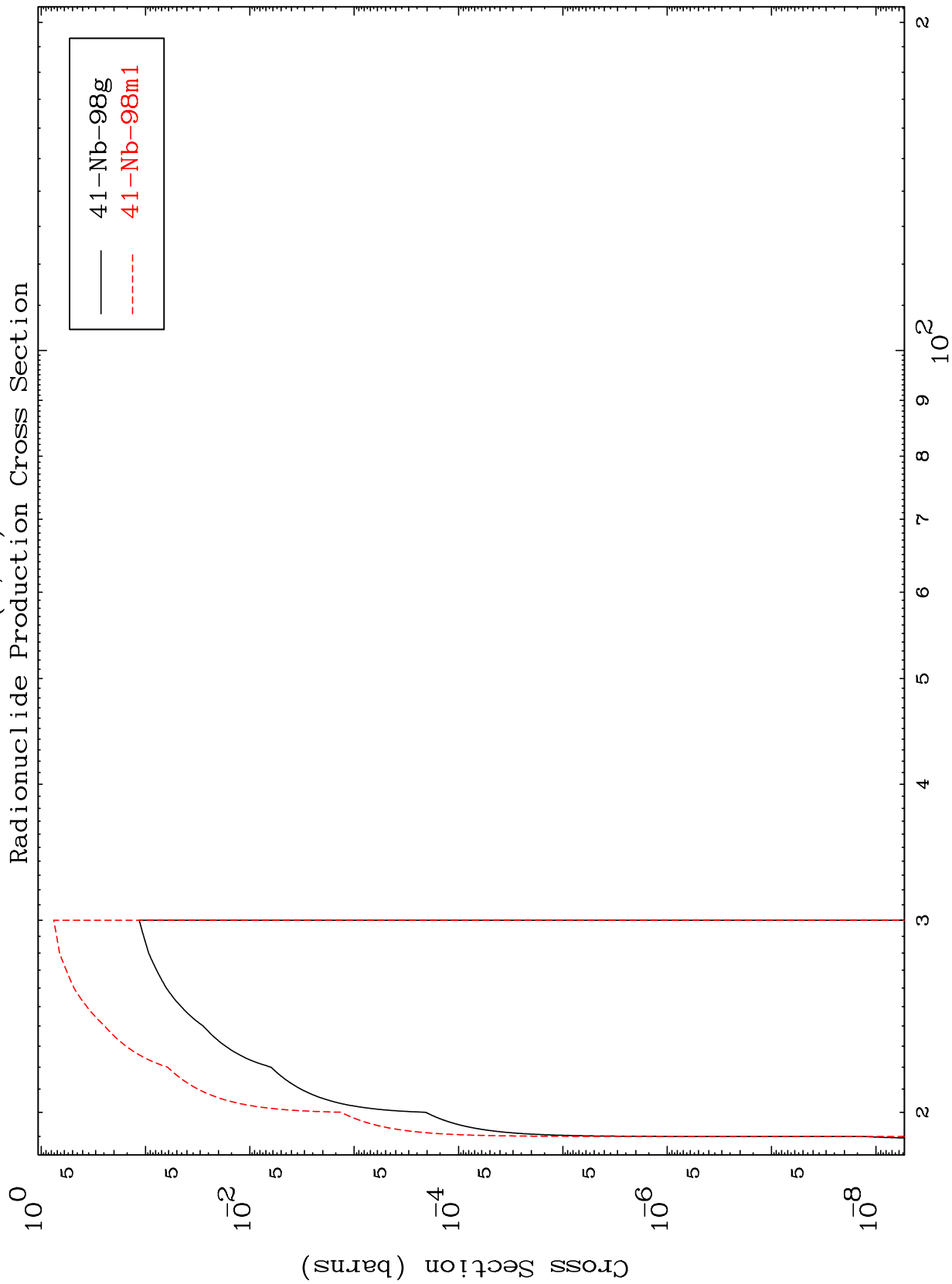
Incident Energy (MeV)

39-Y -98m

MAT 3953

39-Y -98m

(n,4n)  
Radionuclide Production Cross Section



16

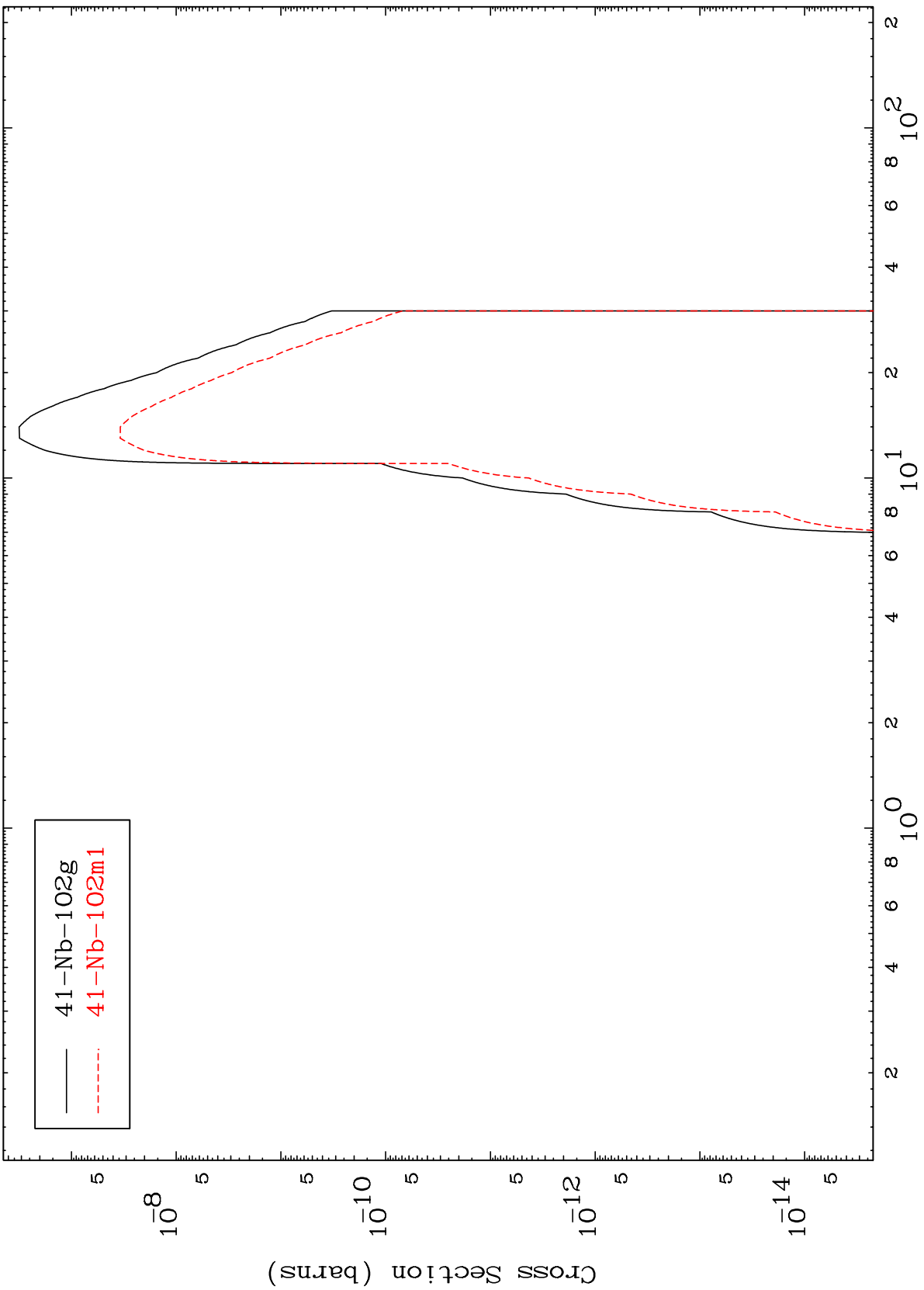
39-Y -98m

Incident Energy (MeV)

MAT 3953

39-Y -98m

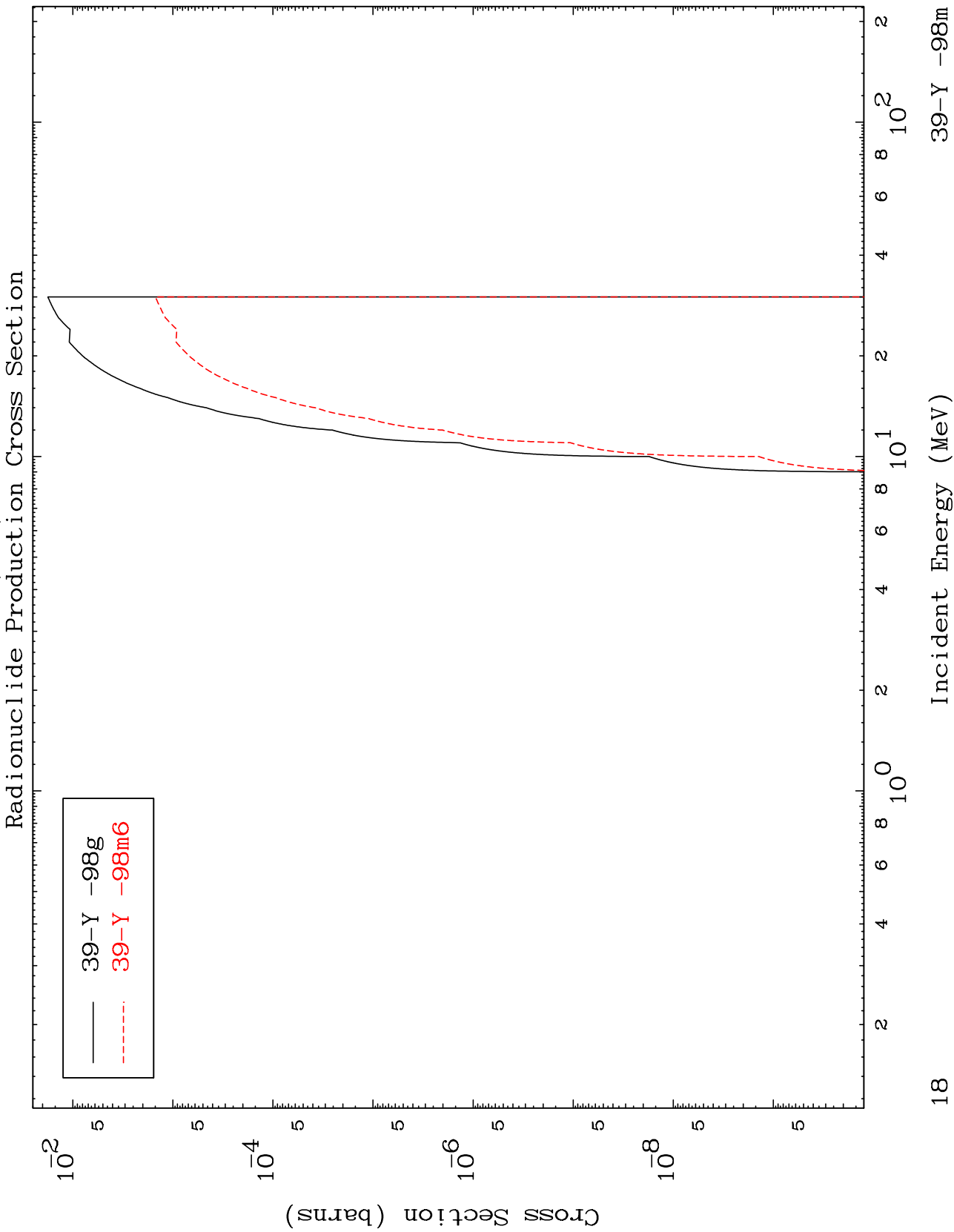
Radionuclide Production Cross Section (n,γ)



— 41-Nb-102g  
- - - 41-Nb-102m1

MAT 3953

39-Y -98m

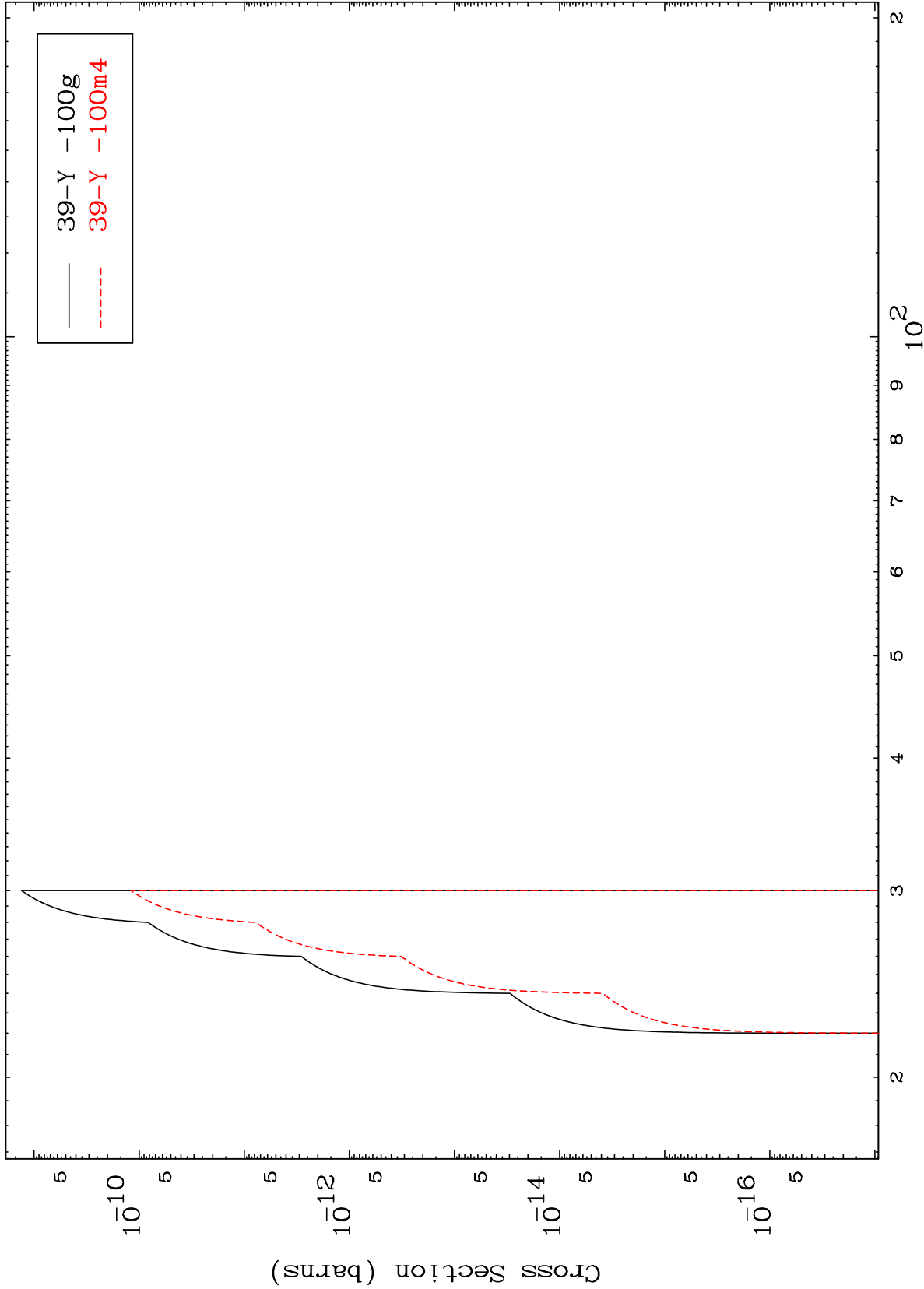


MAT 3953

(n,2p)

39-Y -98m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

39-Y -98m