

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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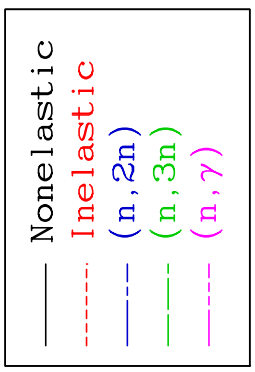
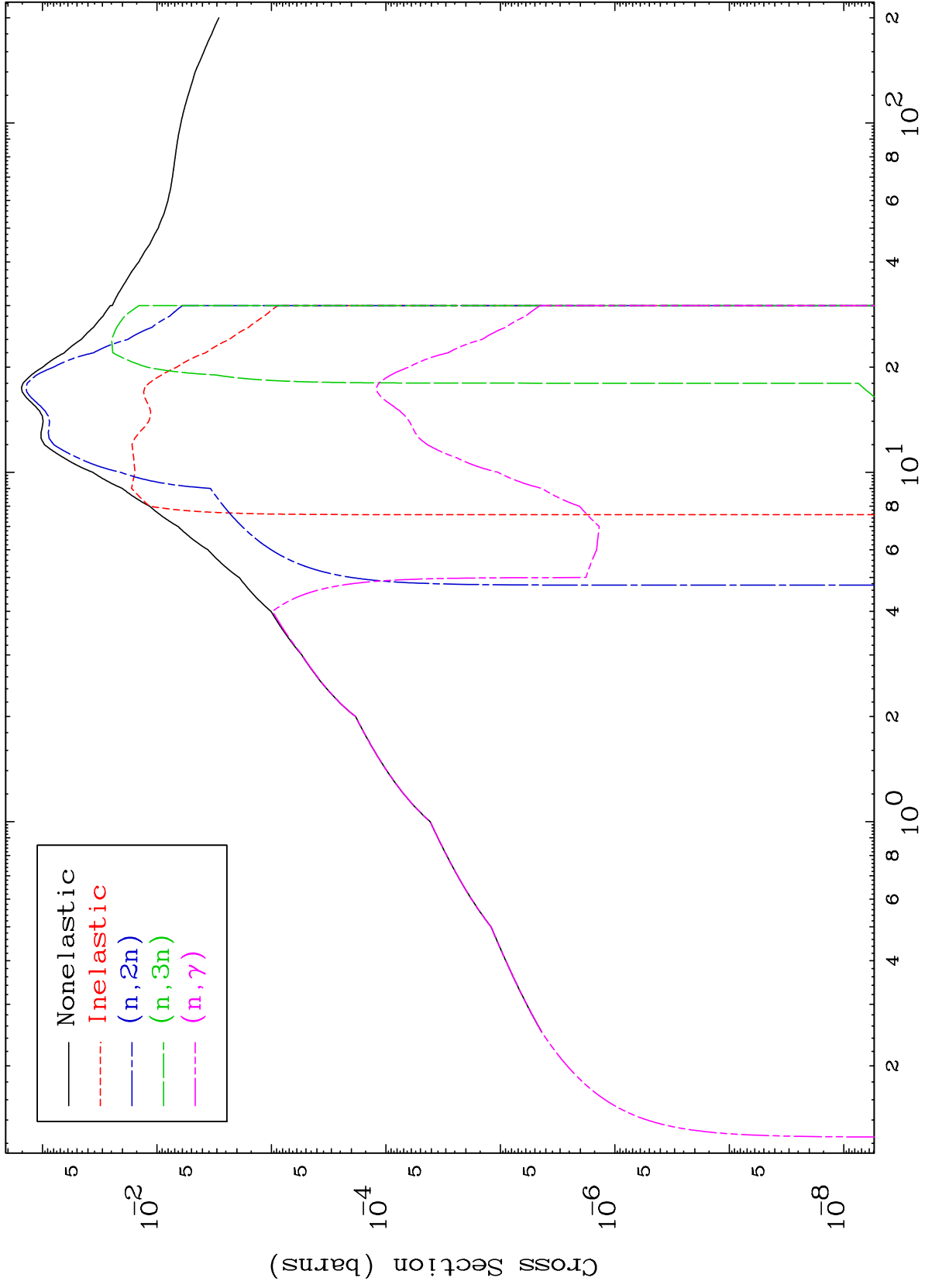
Web:redcullen1.net/HOMEPAGE.NEW

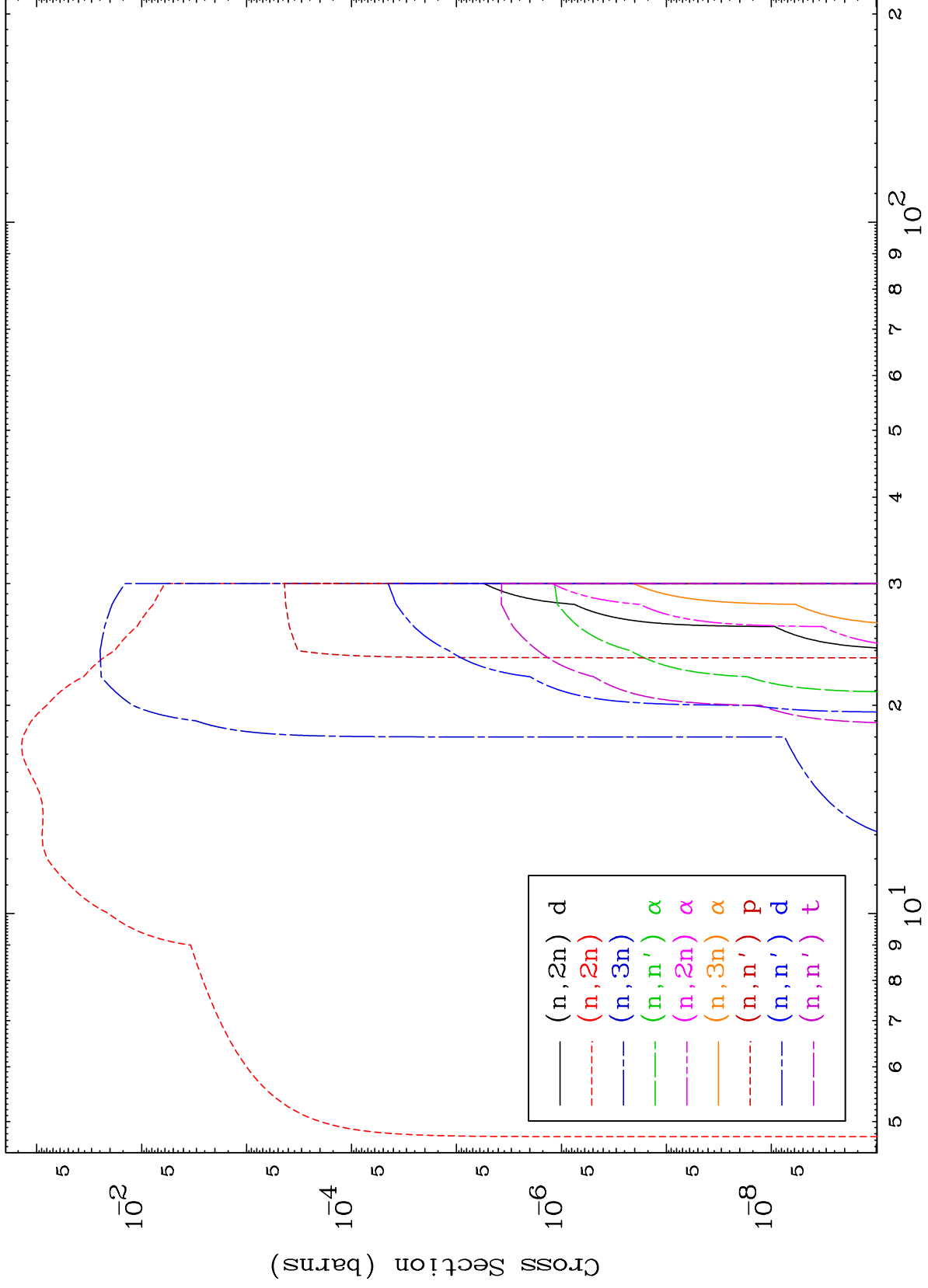
Press Mouse Button to Start

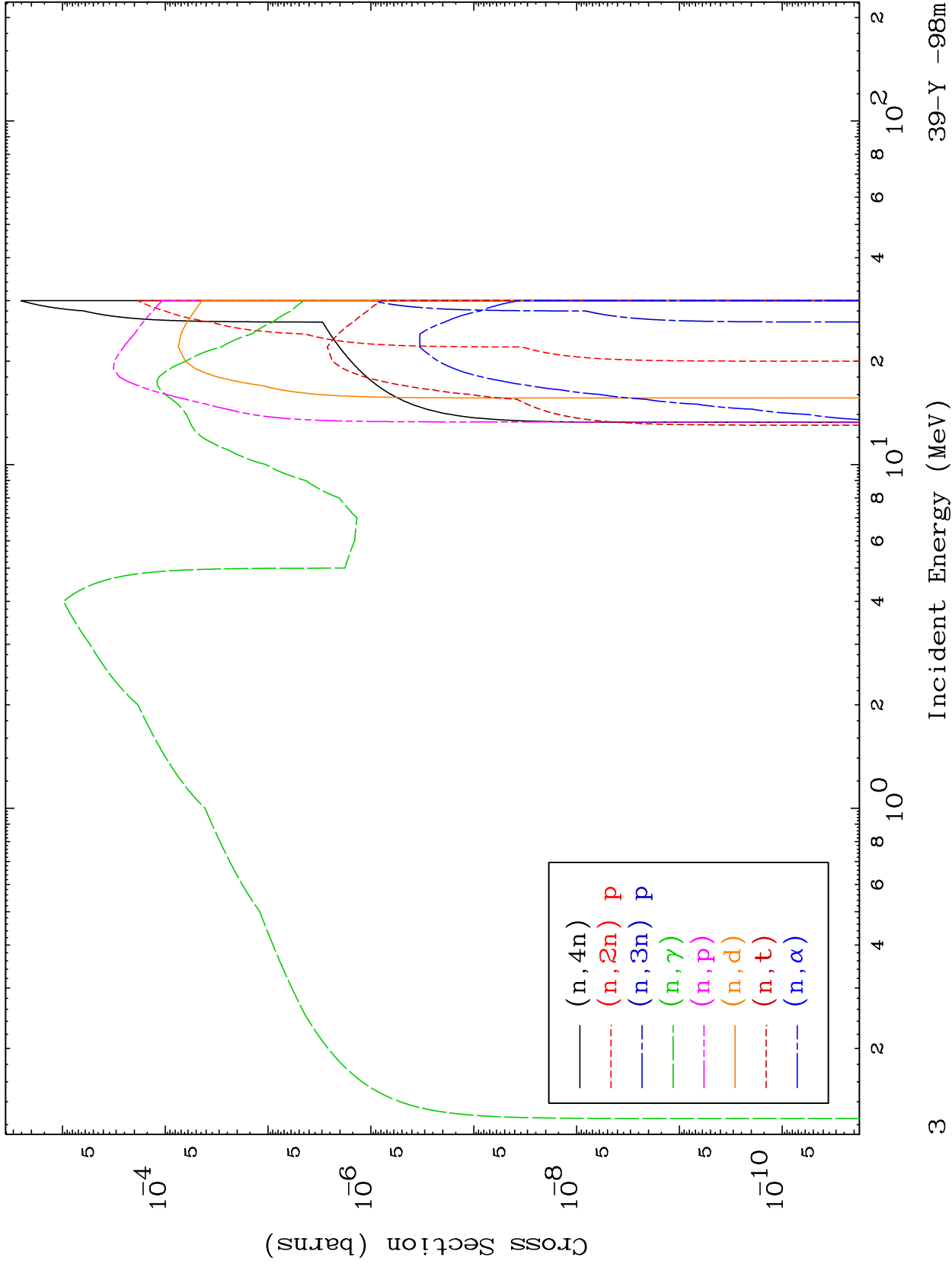
MAT 3953

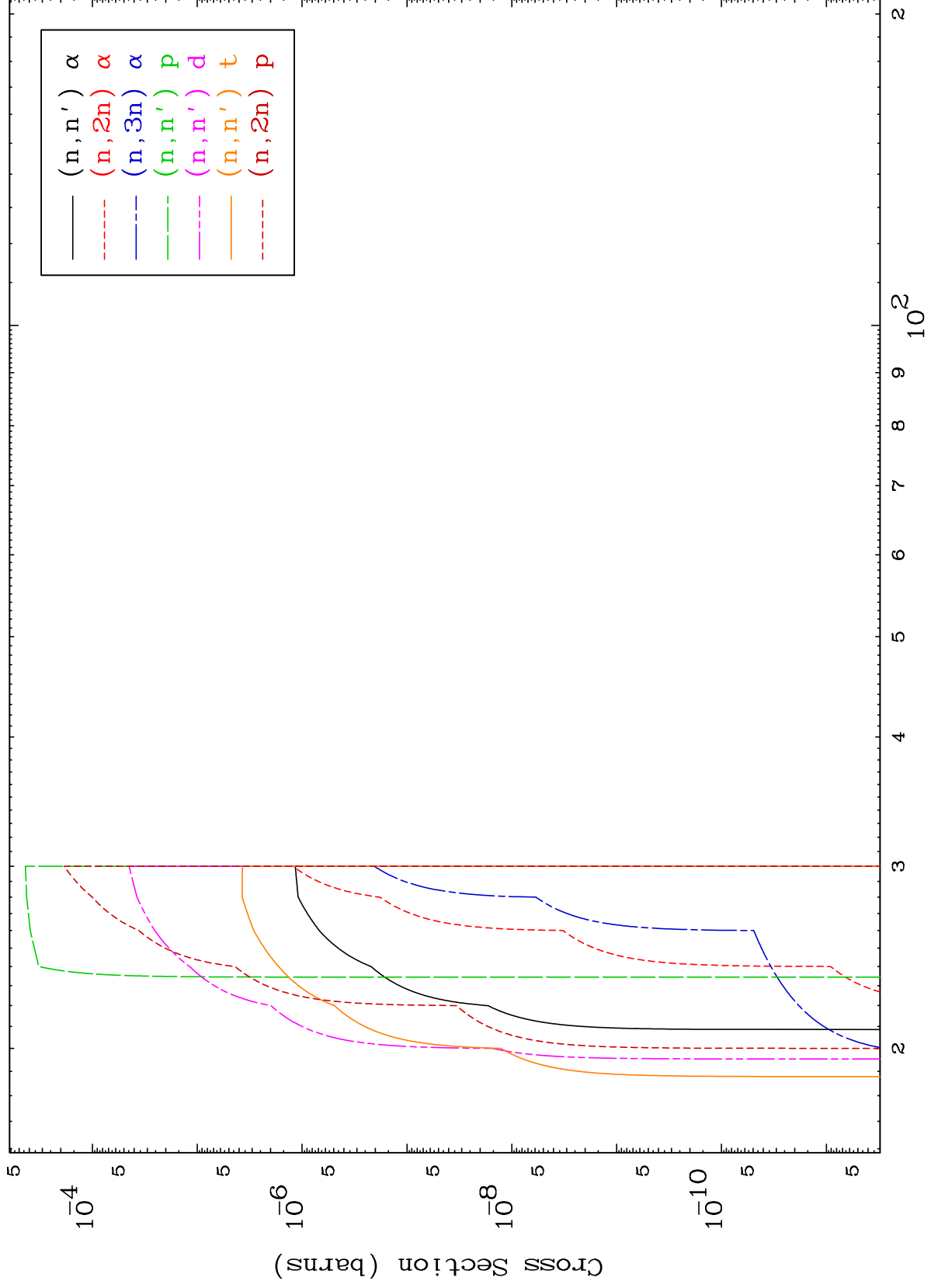
Photon Major  
0 Kelvin Cross Sections

39-Y -98m





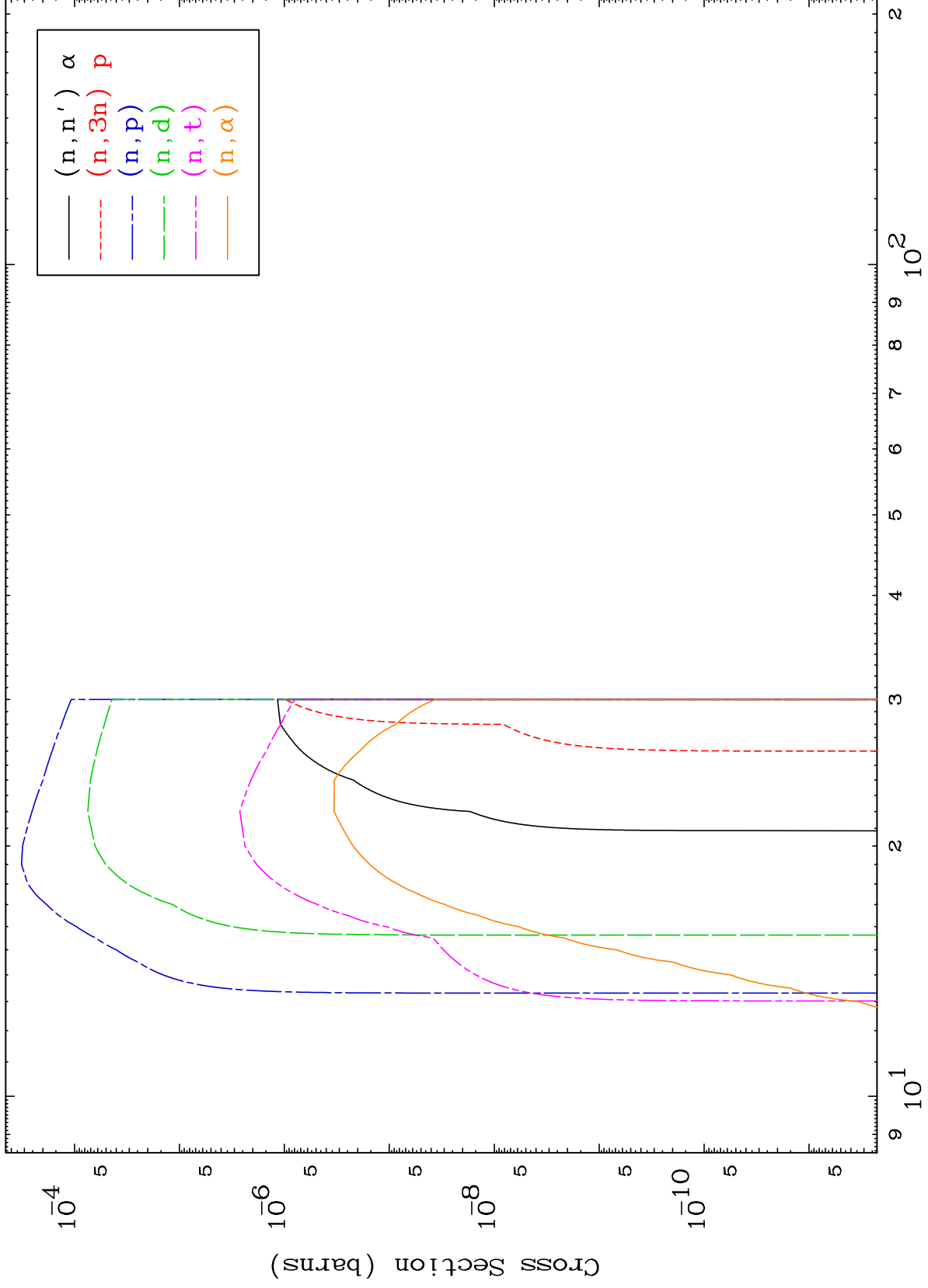




MAT 3953

Photon Charged Particle  
0 Kelvin Cross Sections

39-Y -98m



39-Y -98m

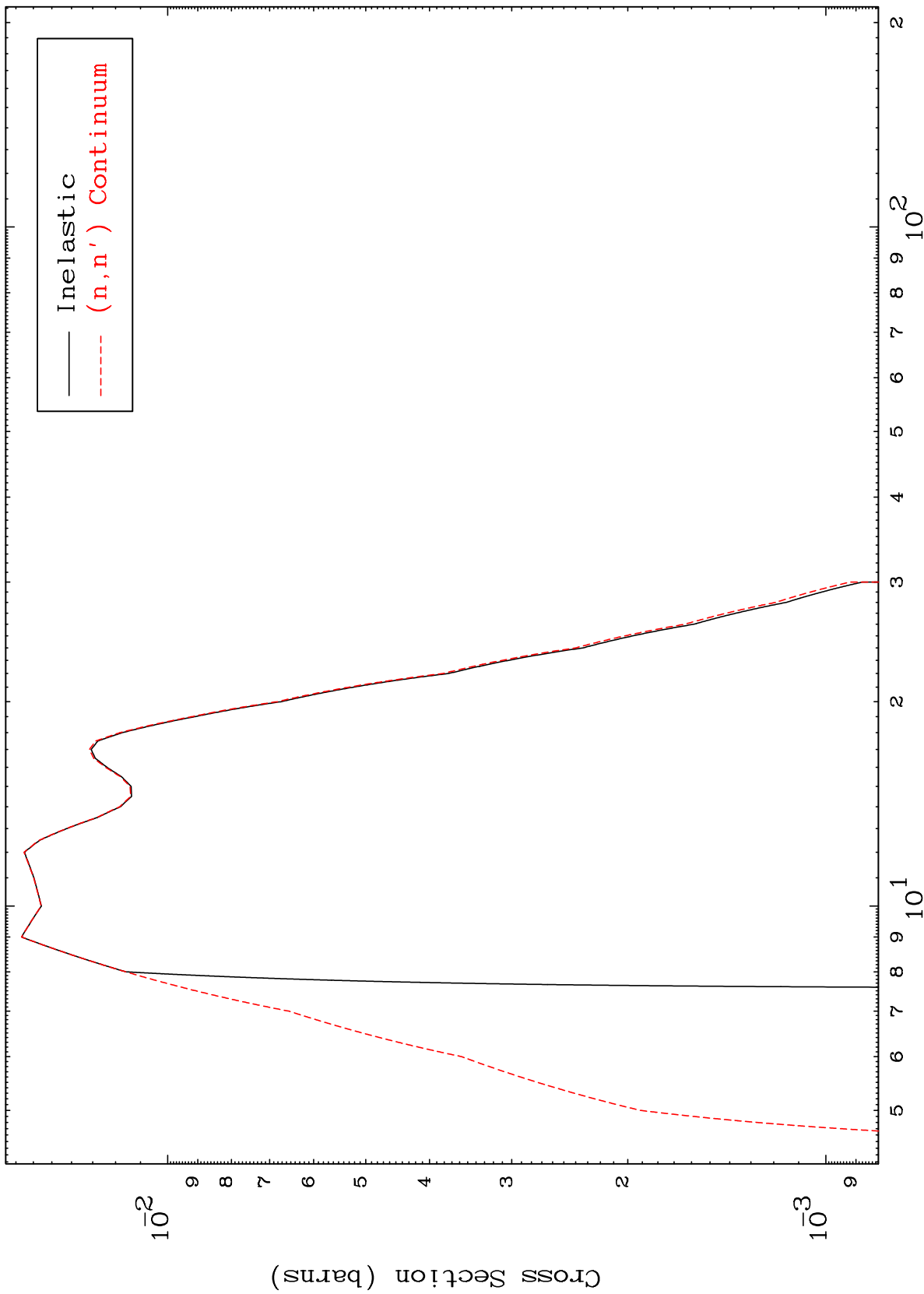
Incident Energy (MeV)

5

MAT 3953

39-Y -98m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



39-Y -98m

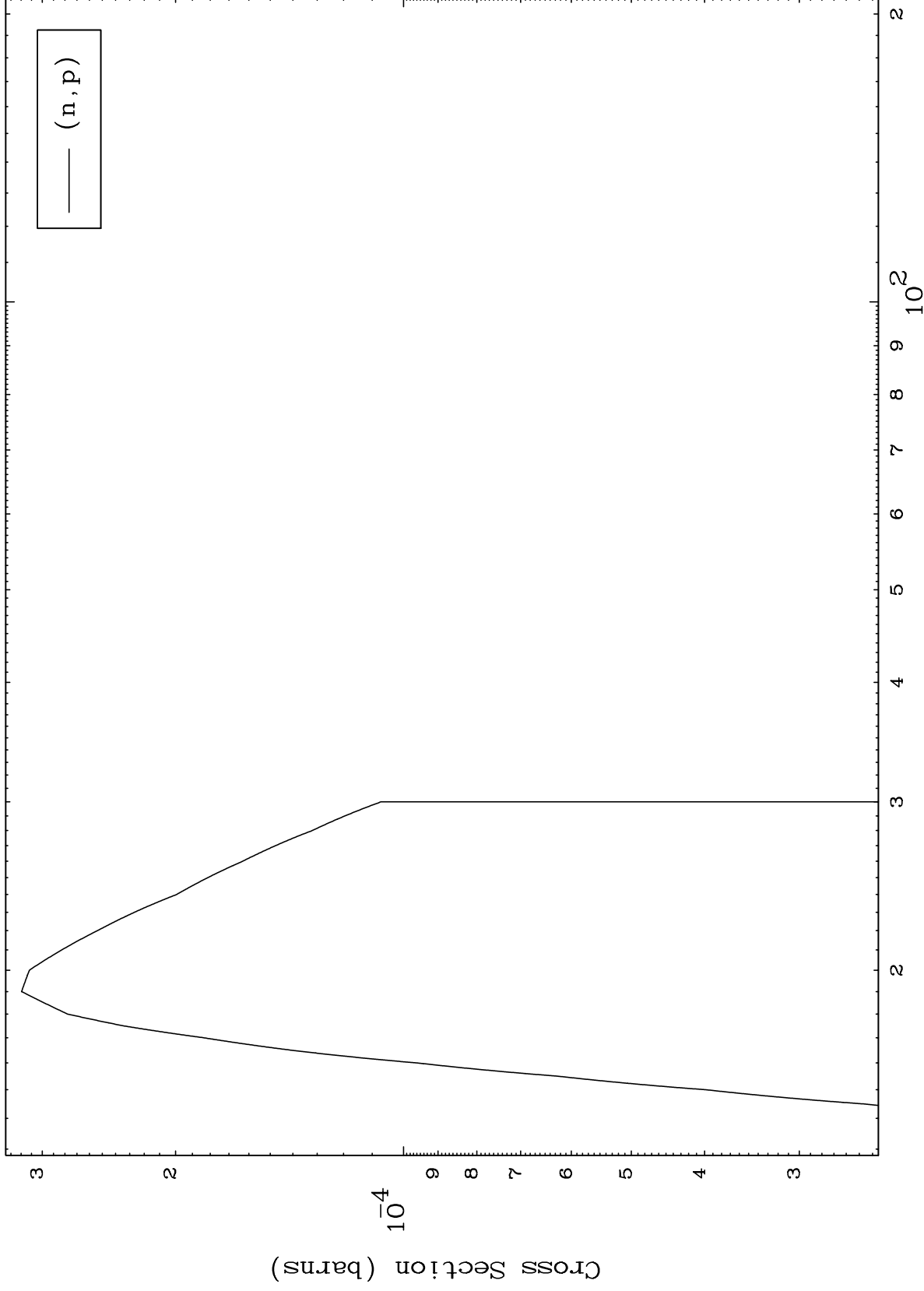
Incident Energy (MeV)

6

MAT 3953

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

39-Y -98m



7

Incident Energy (MeV)

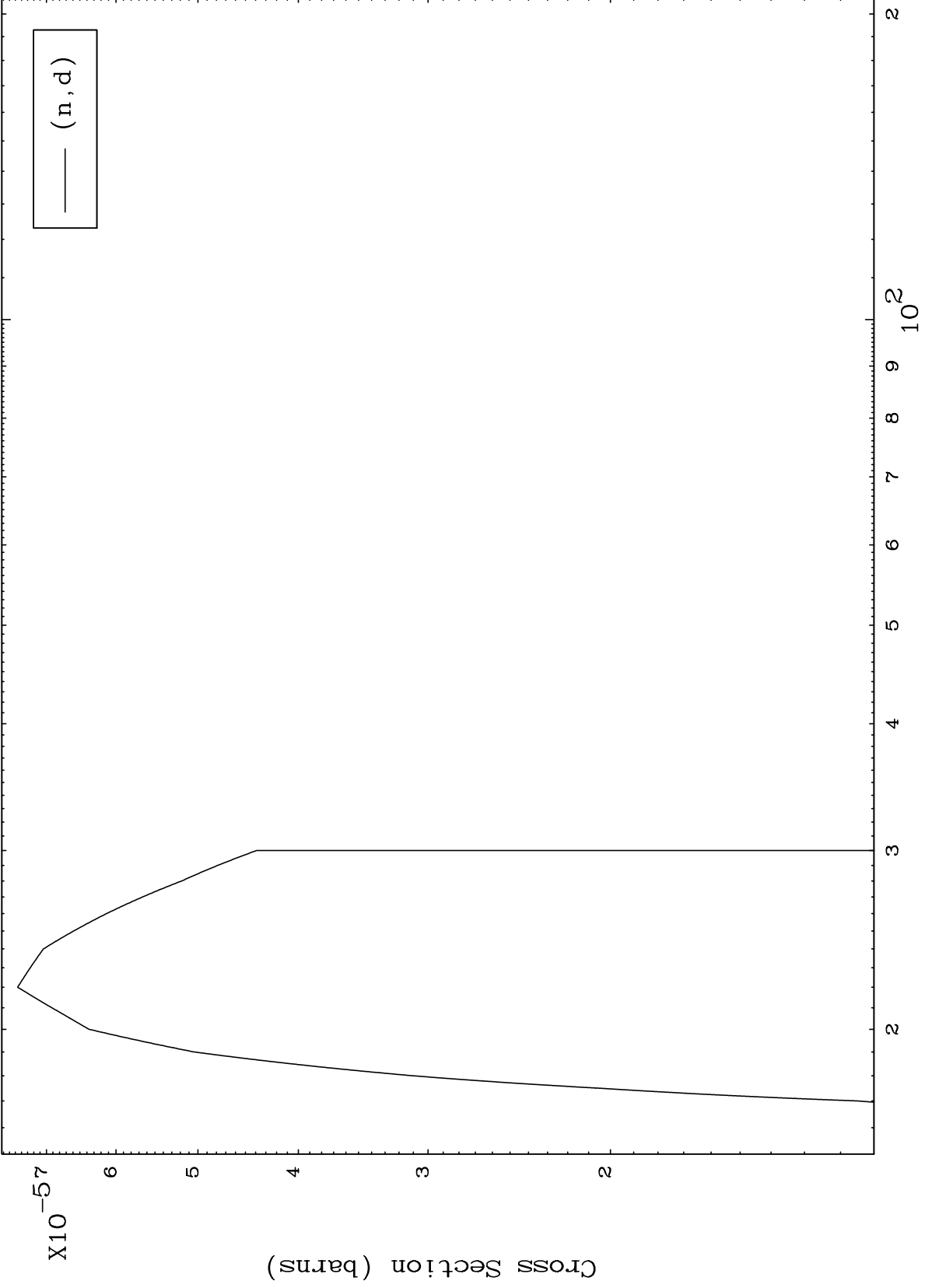
39-Y -98m



MAT 3953

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

39-Y -98m



$\times 10^{-57}$

Cross Section (barns)

2

3

4

5

6

7

8

9

2

(n, d)

8

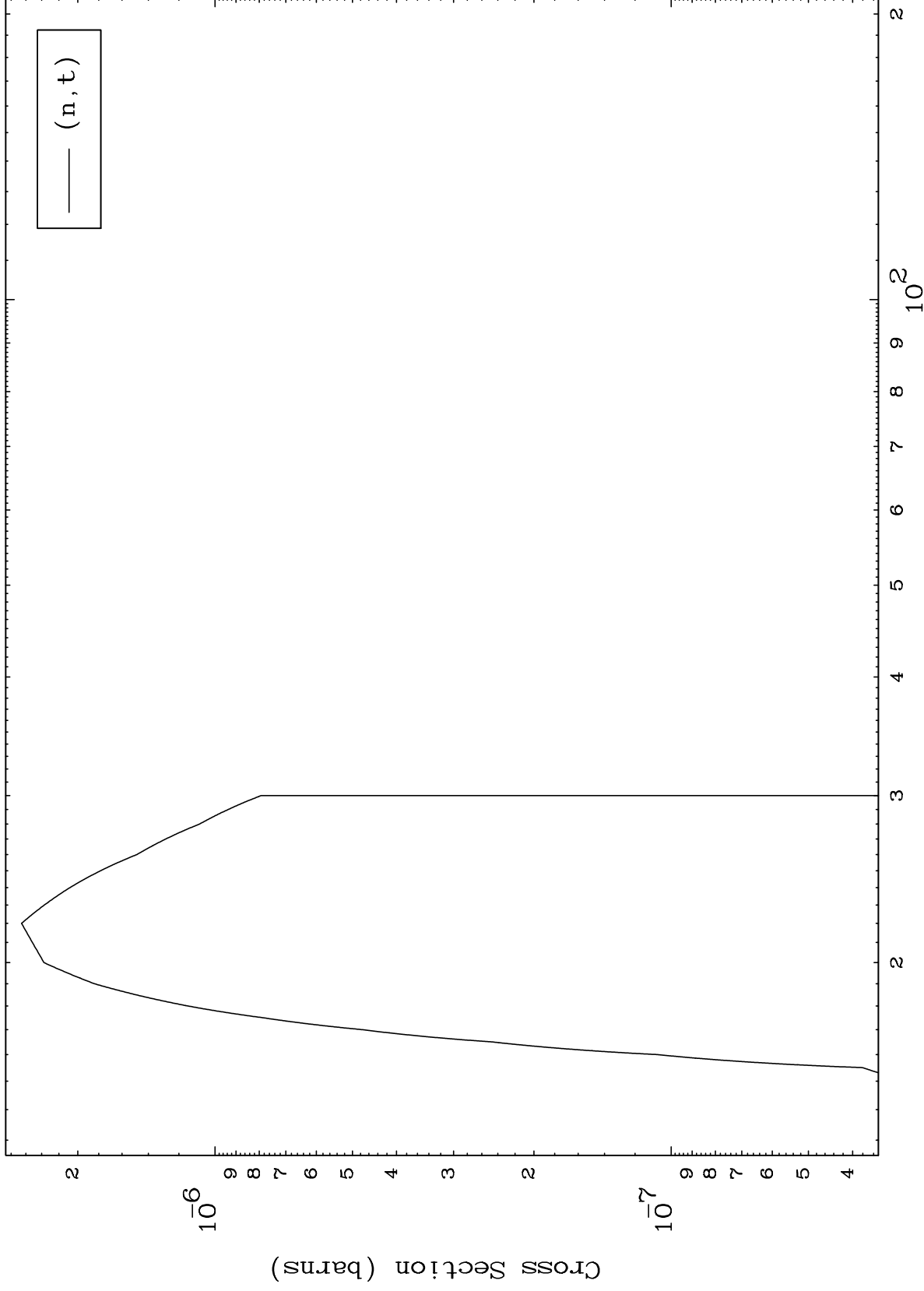
Incident Energy (MeV)

39-Y -98m

MAT 3953

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

39-Y -98m



9

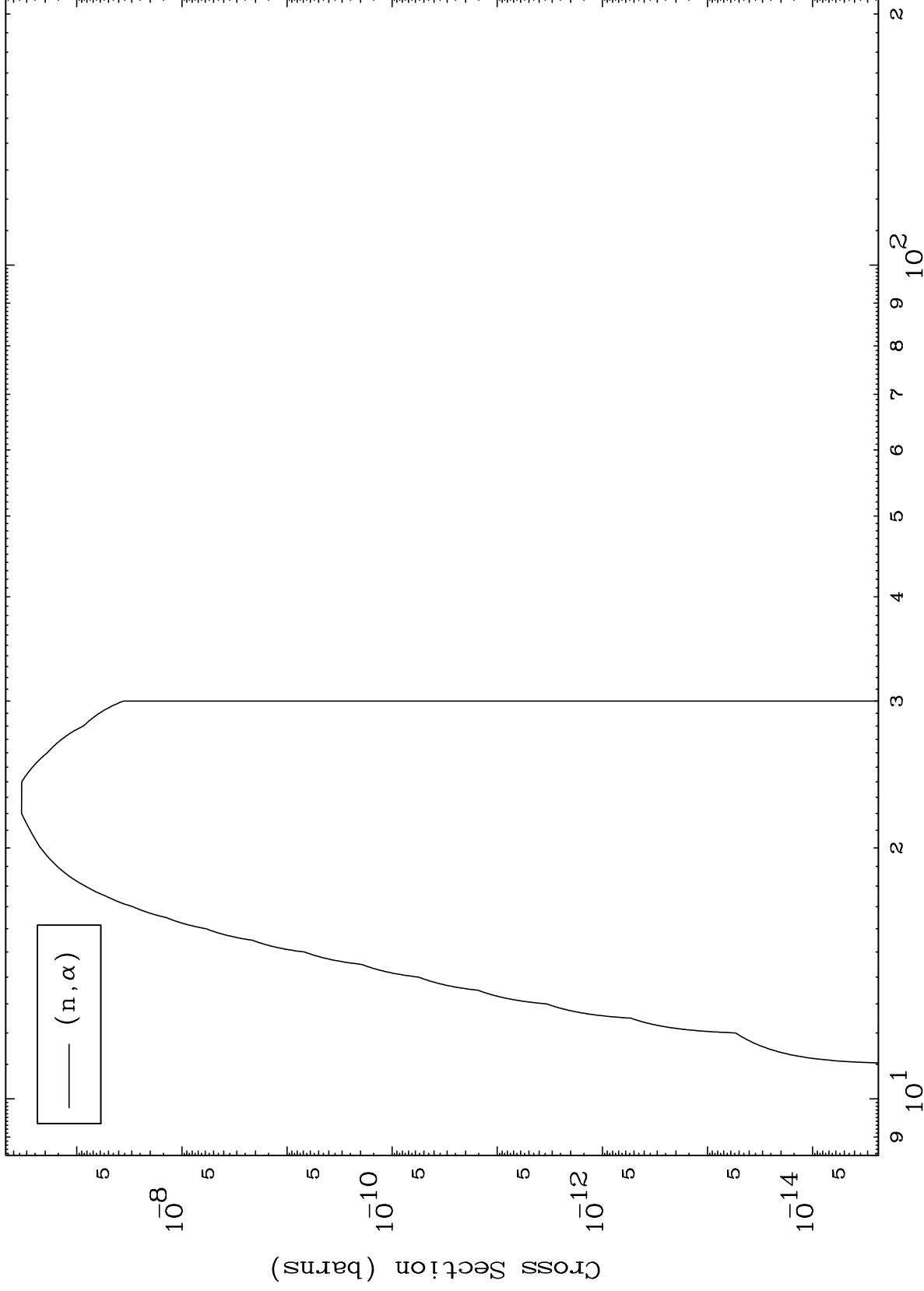
Incident Energy (MeV)

39-Y -98m

MAT 3953

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

39-Y -98m



10

Incident Energy (MeV)

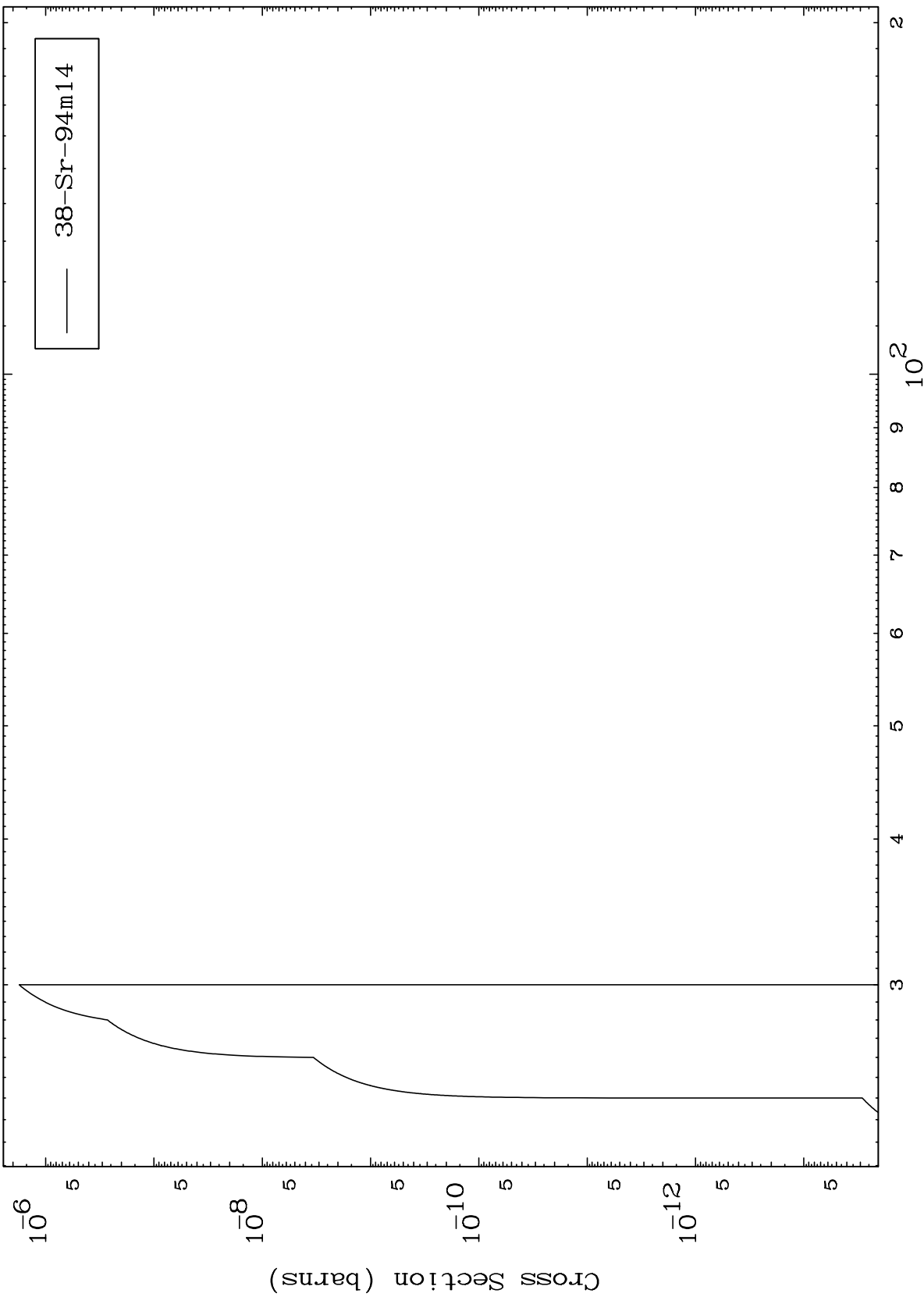
39-Y -98m

MAT 3953

(n,2n) d

39-Y -98m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

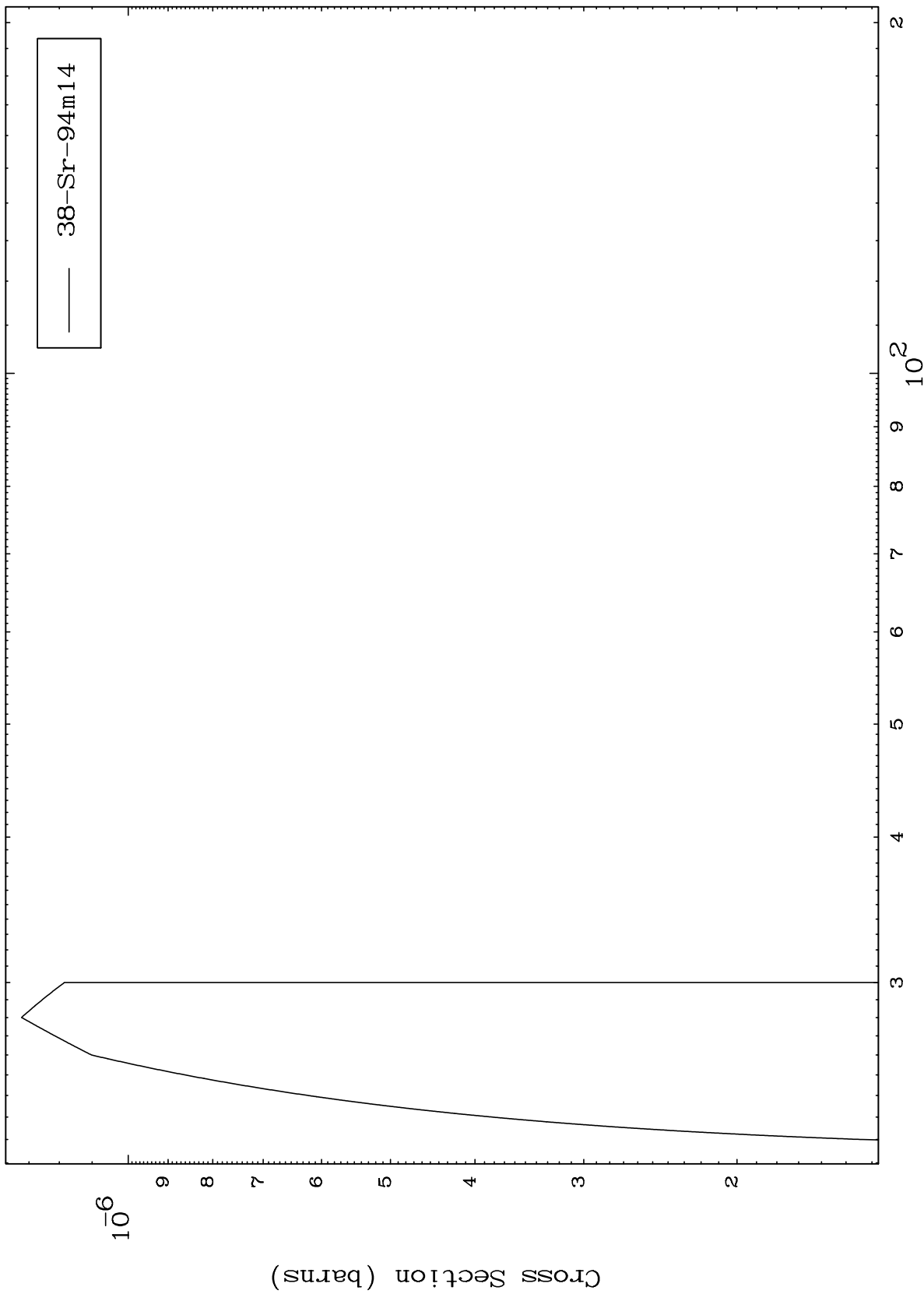
39-Y -98m

MAT 3953

(n,n') t

39-Y -98m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

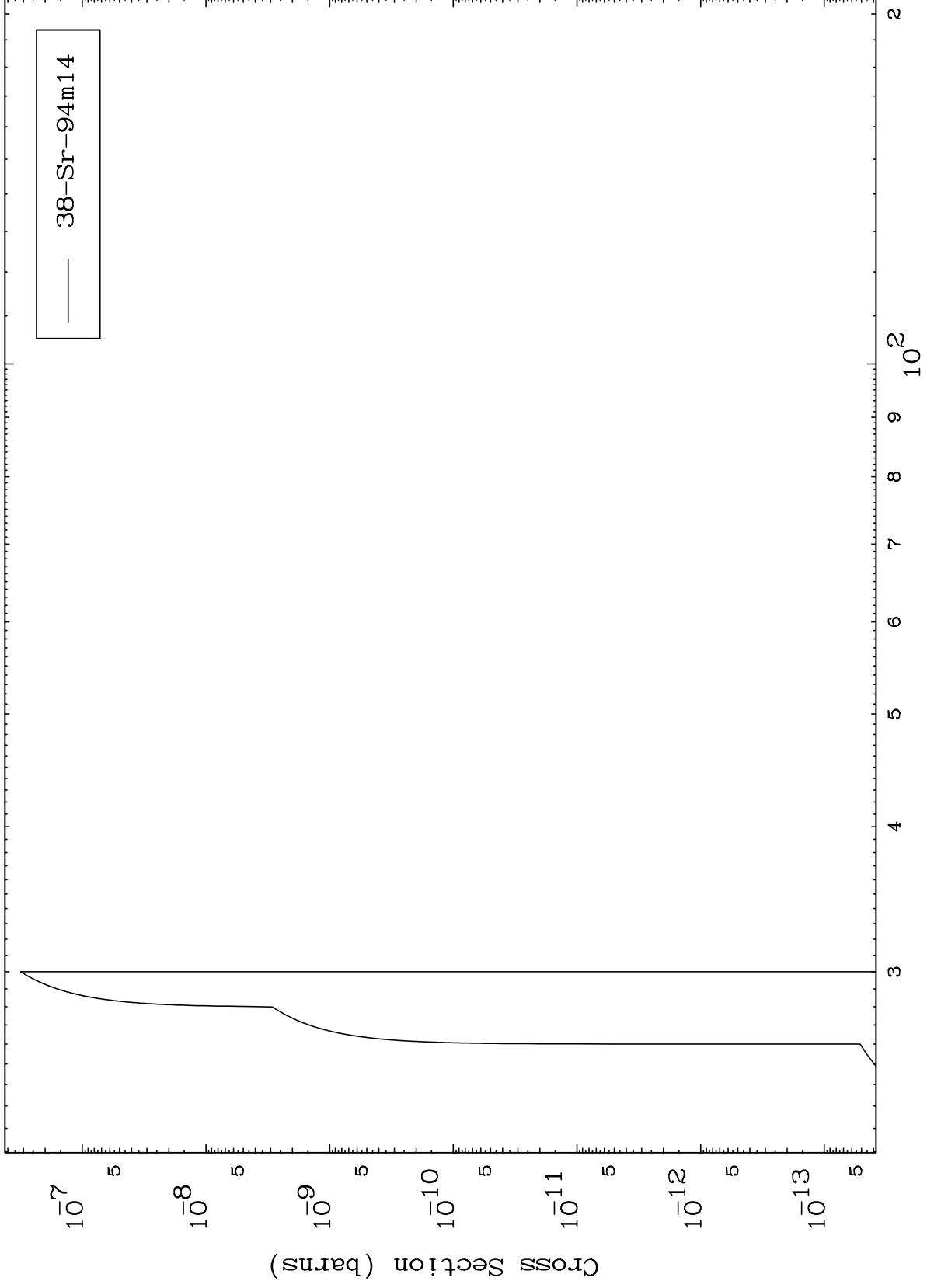
39-Y -98m

MAT 3953

(n,3n) p

39-Y -98m

Radionuclide Production Cross Section



13

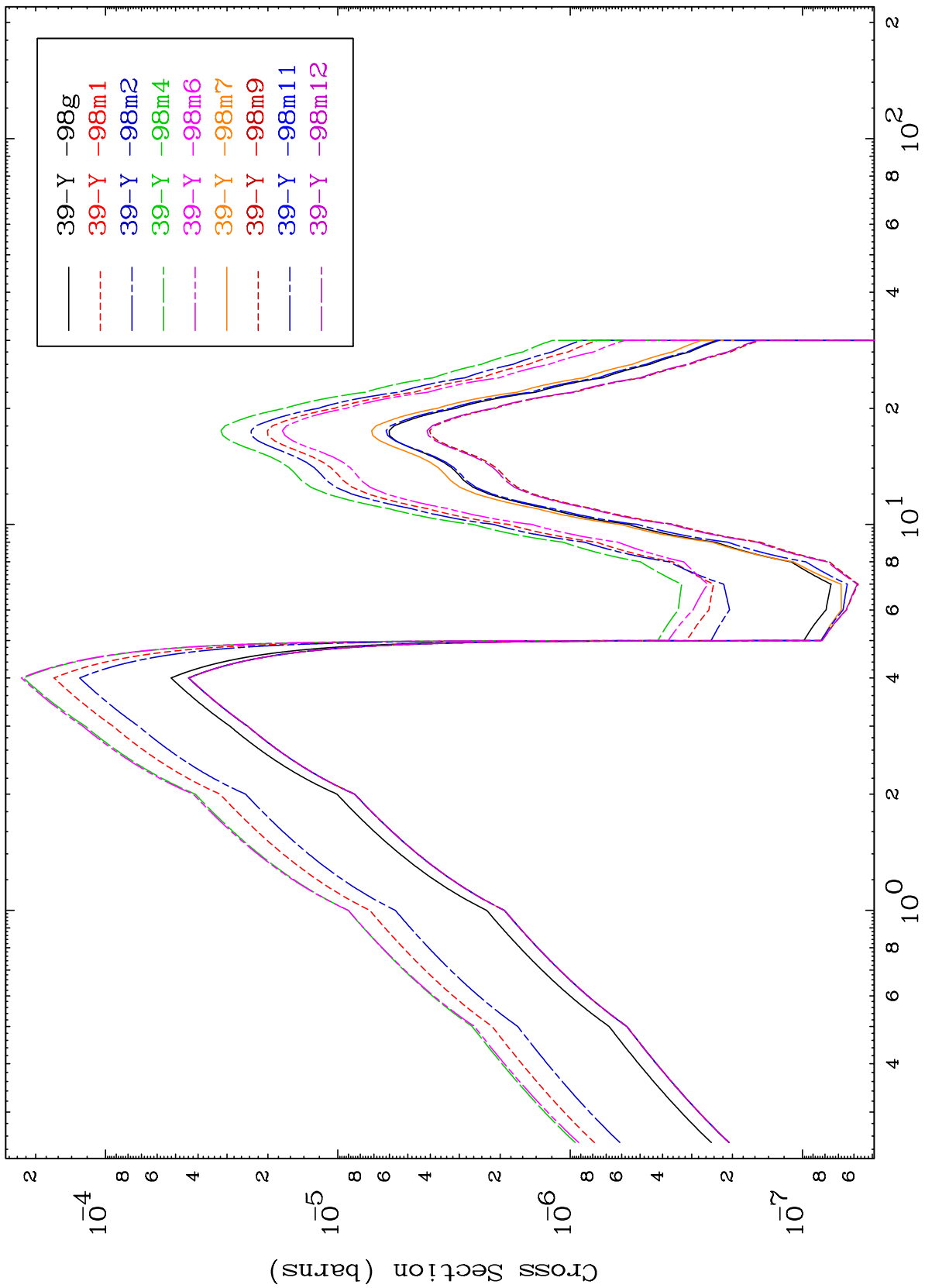
Incident Energy (MeV)

39-Y -98m

MAT 3953

39-Y -98m

(n,γ)  
Radionuclide Production Cross Section



14

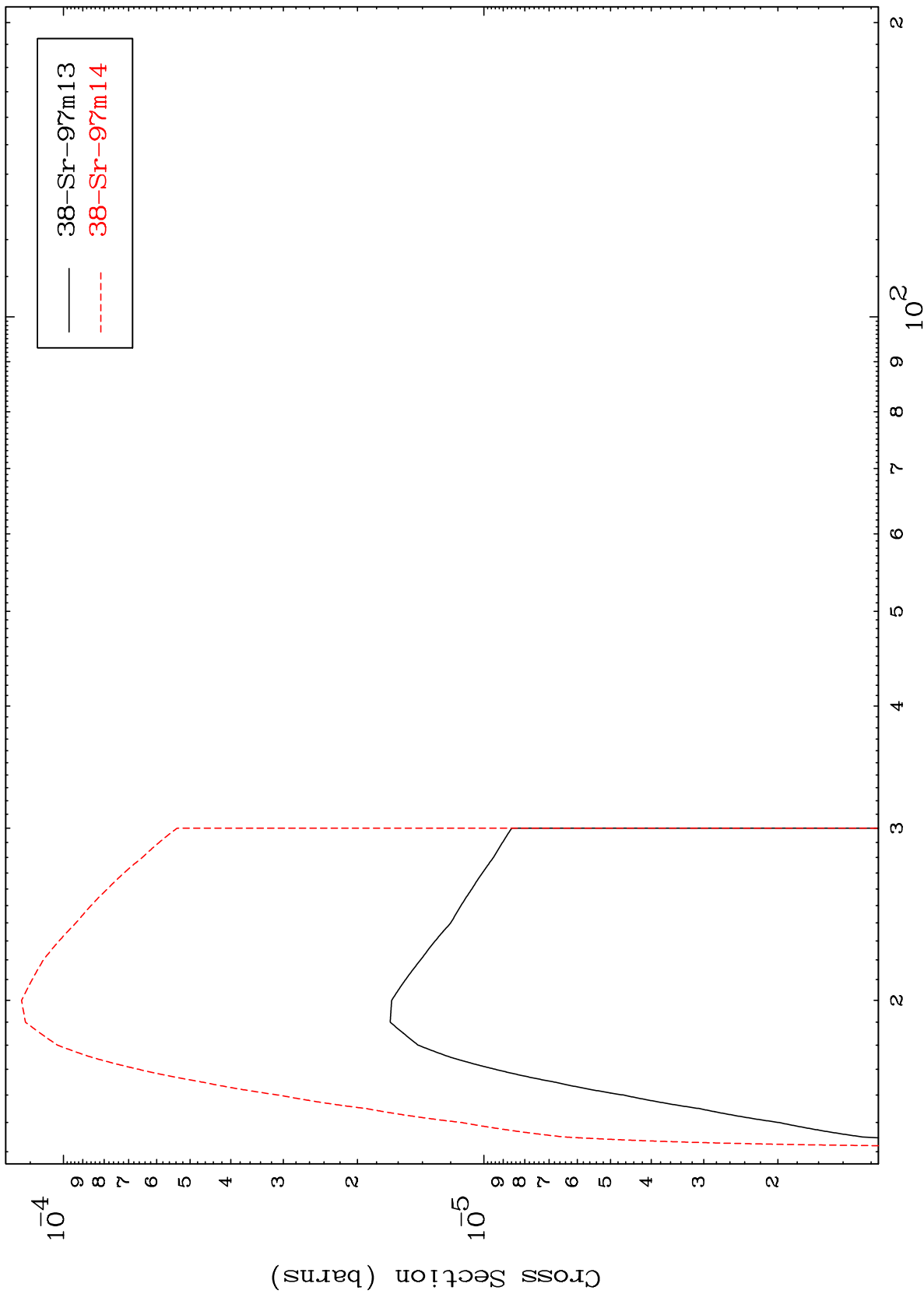
39-Y -98m

Incident Energy (MeV)

MAT 3953

39-Y -98m

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -98m