

Program EVALPLOT  
(Version 2021-1)

by

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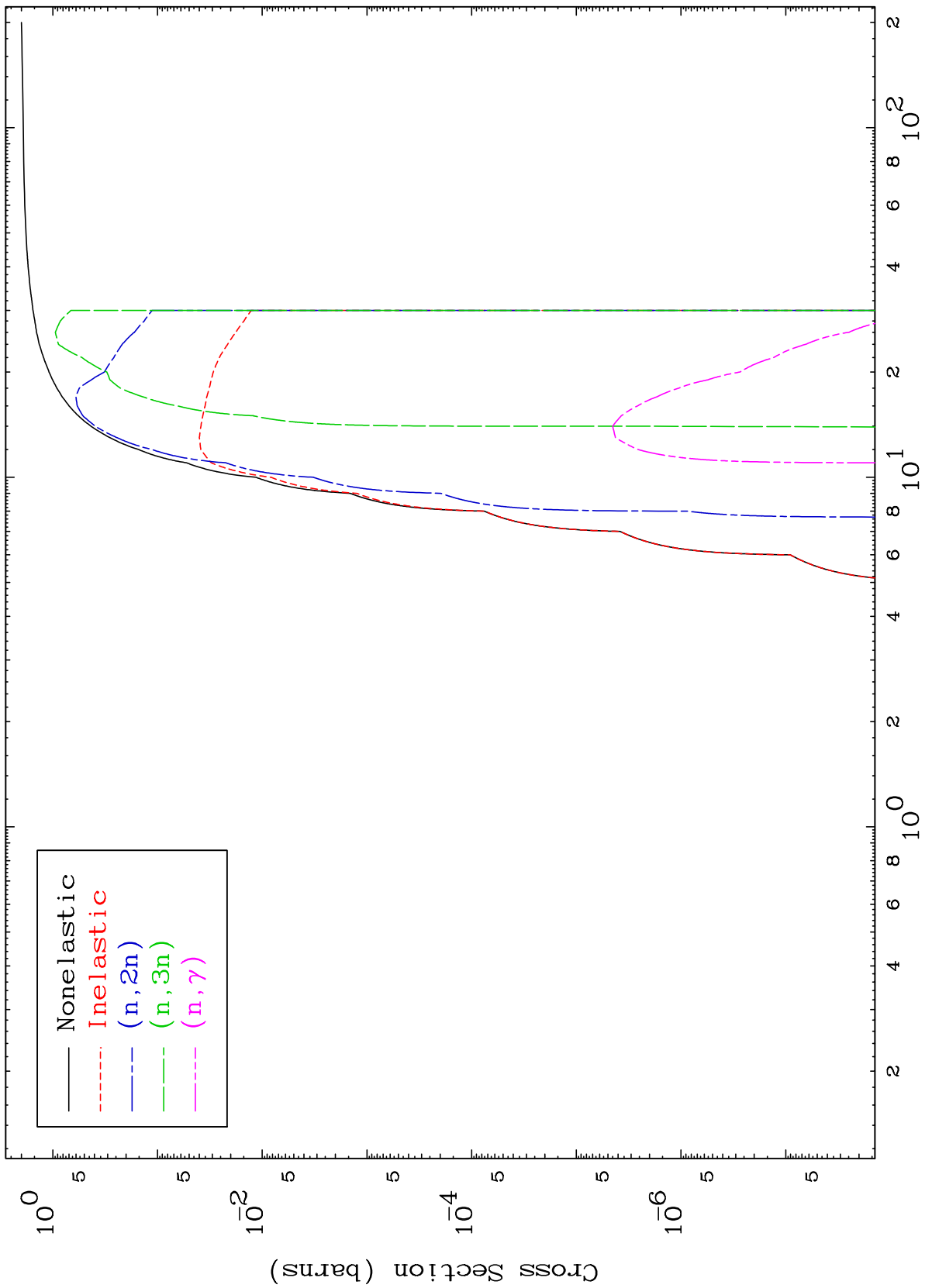
Press Mouse Button to Start

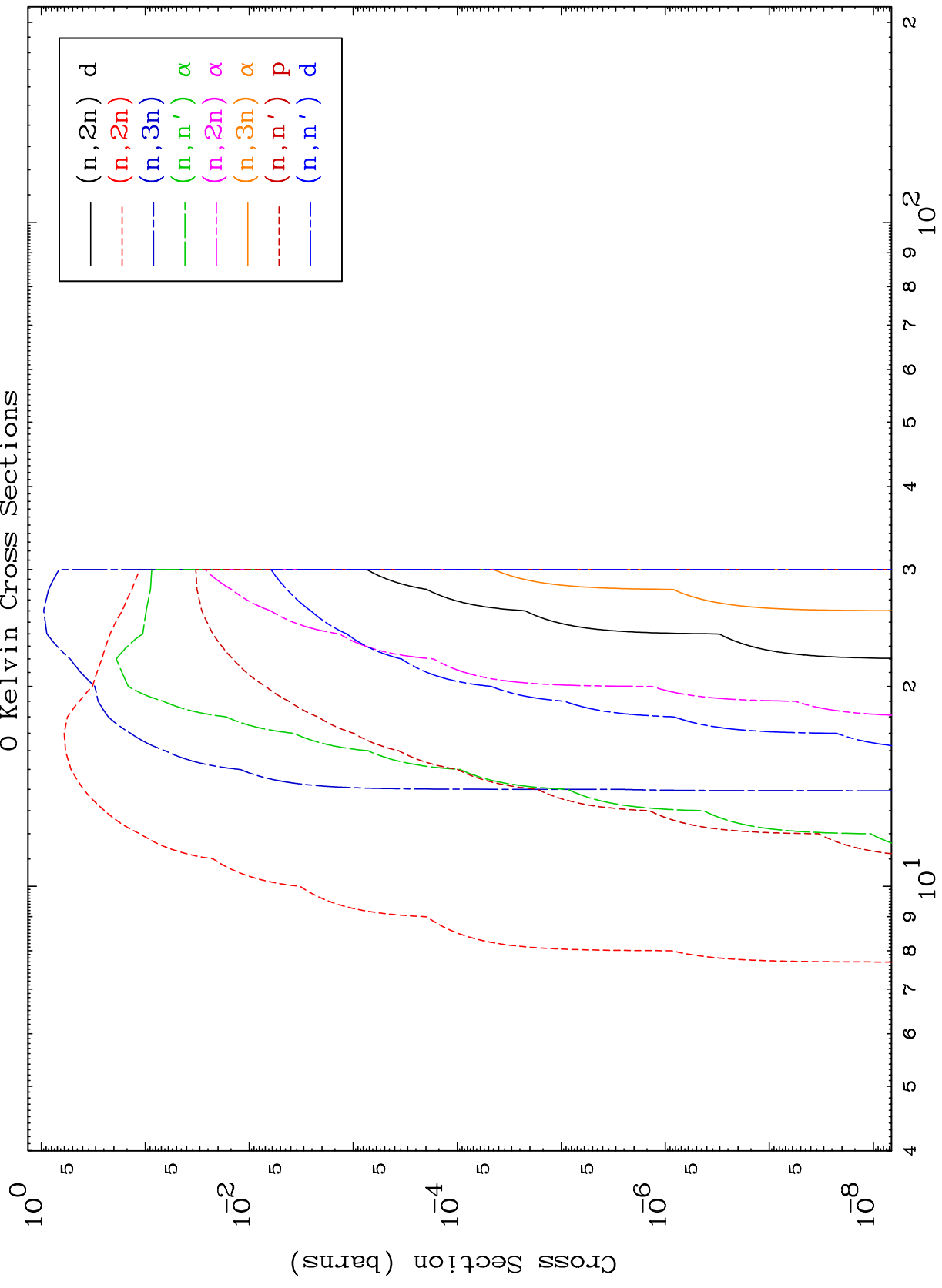
MAT 3947

$\alpha$  Major

39-Y -96m

0 Kelvin Cross Sections

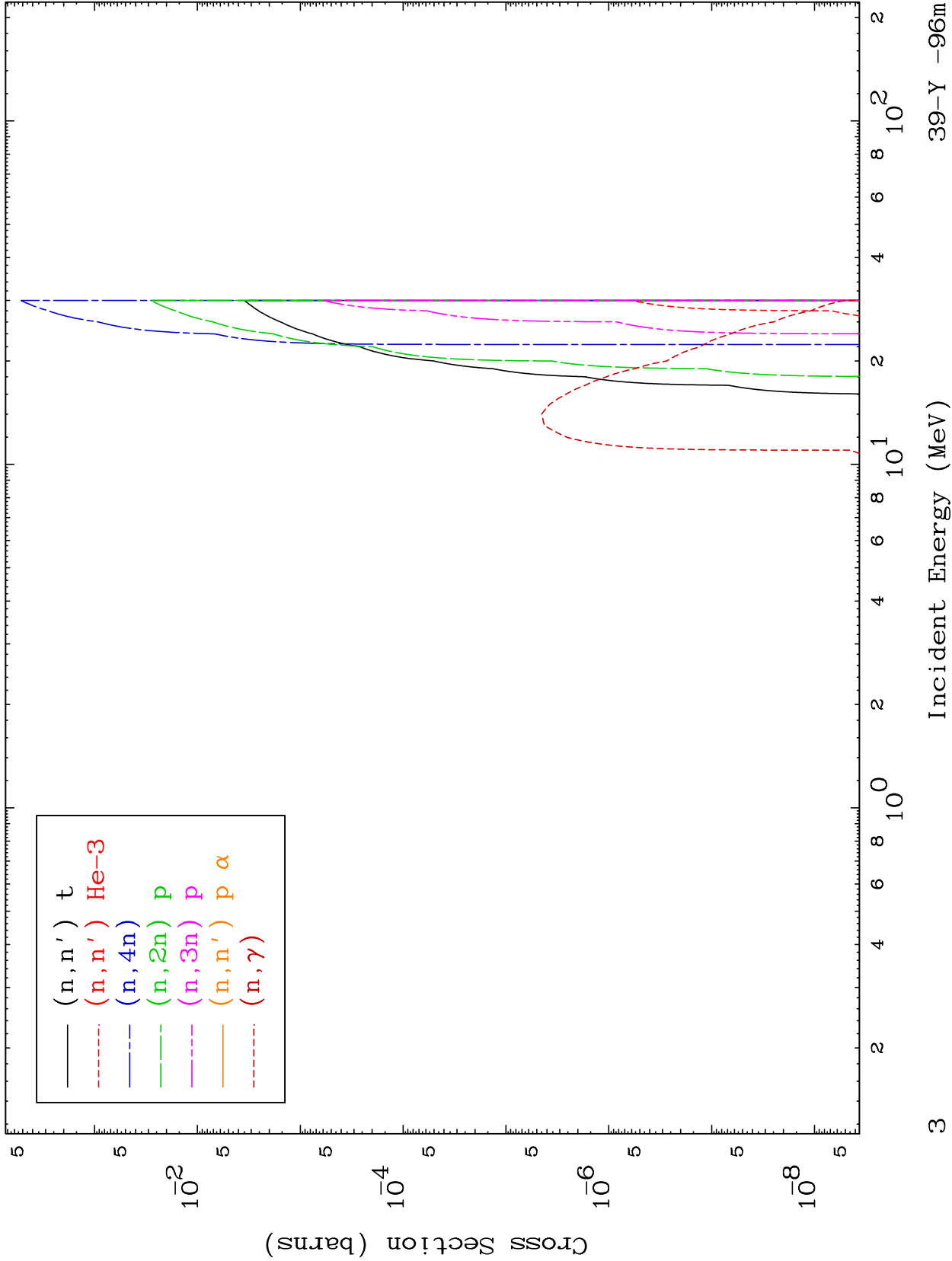




MAT 3947

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

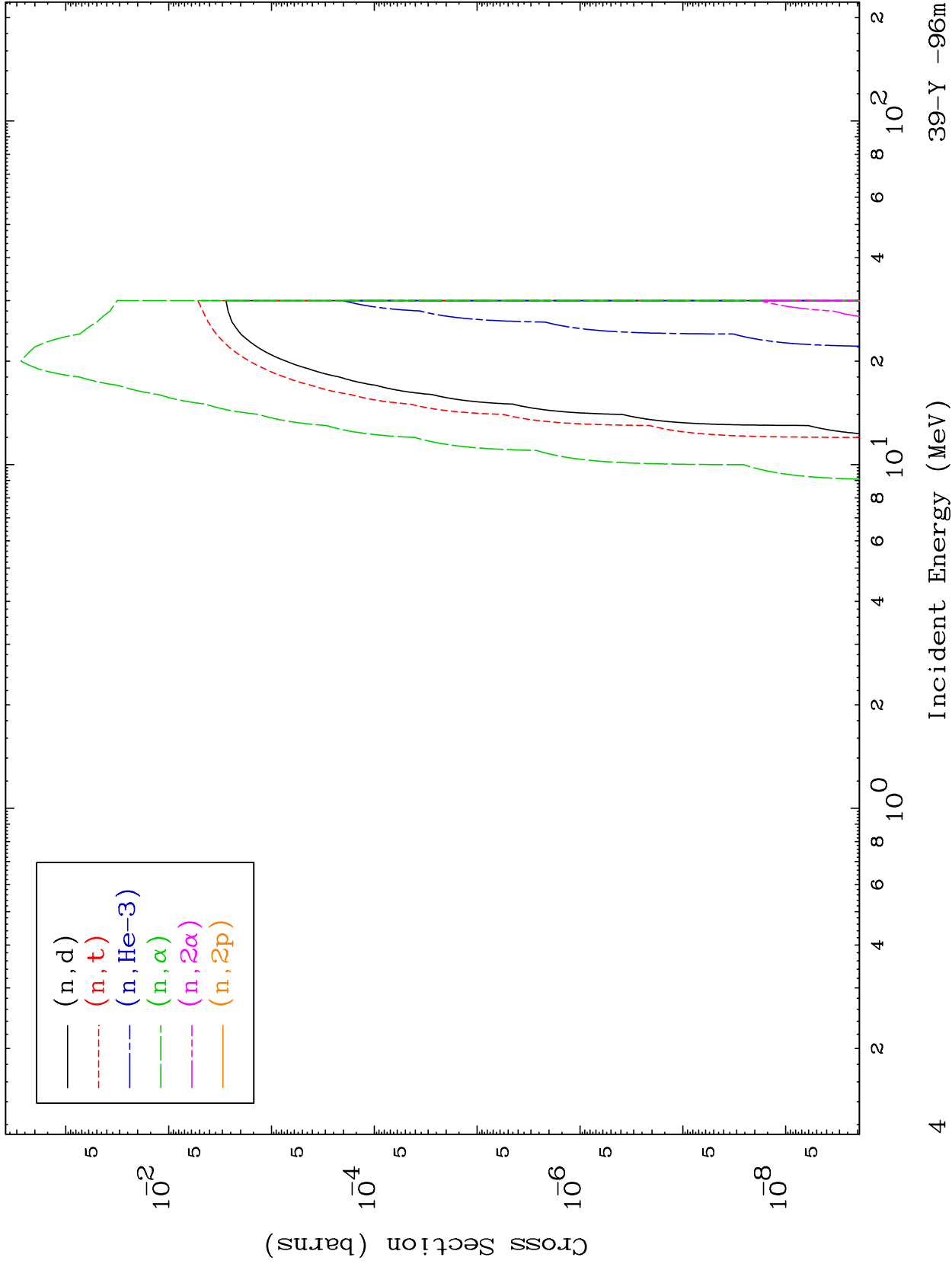
39-Y -96m

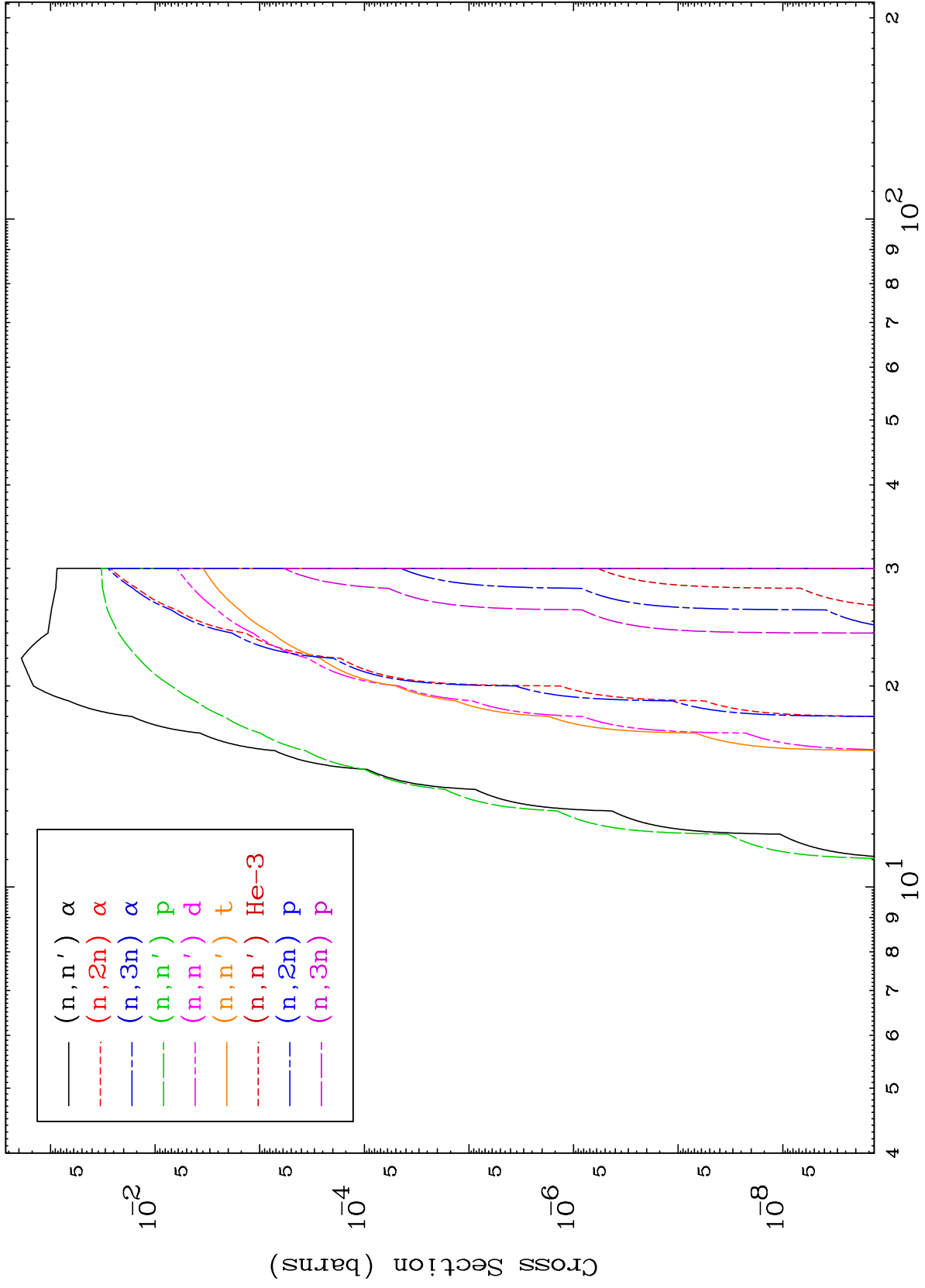


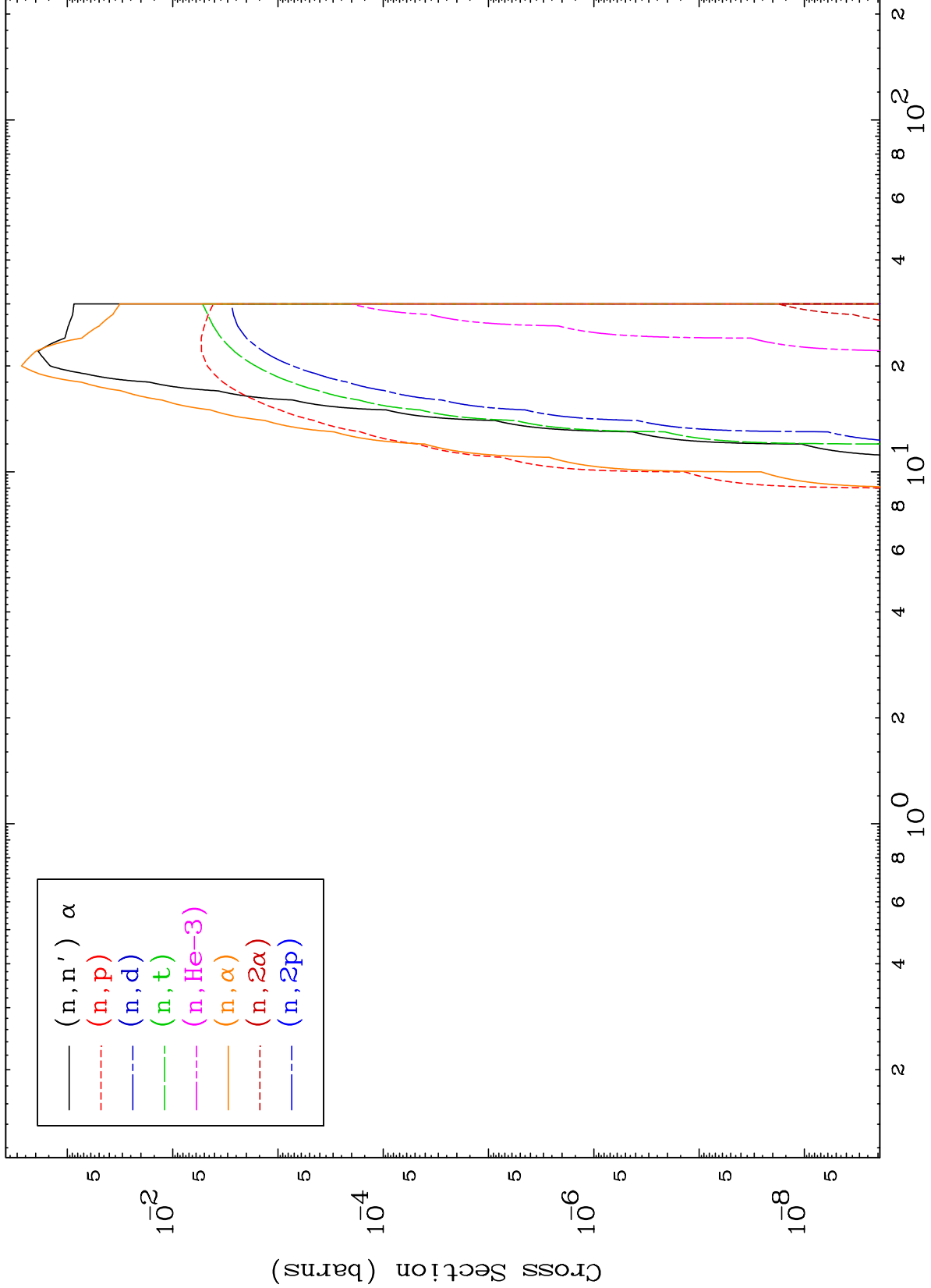
MAT 3947

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

39-Y -96m





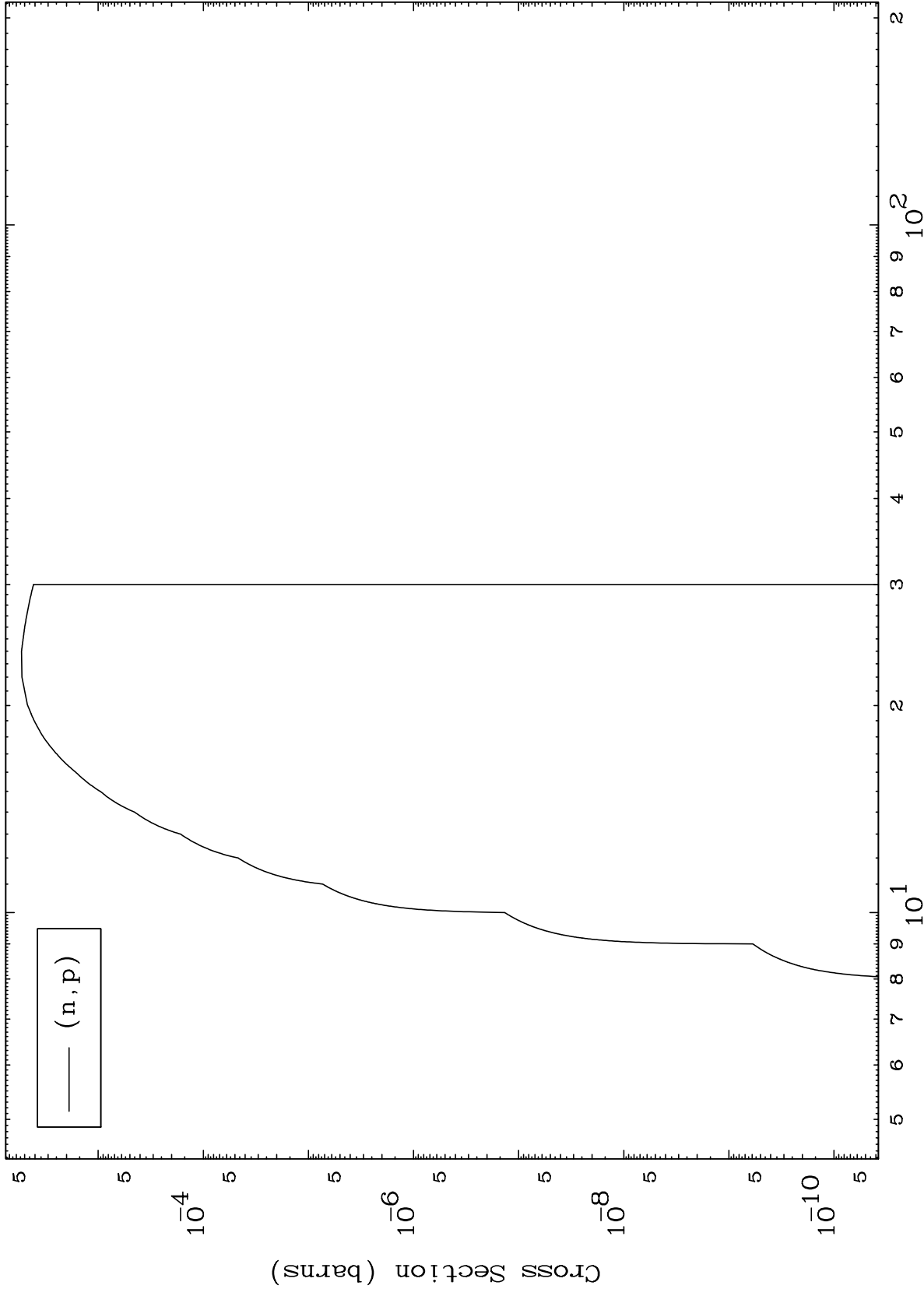


MAT 3947

( $\alpha, p$ ) Levels

39-Y -96m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

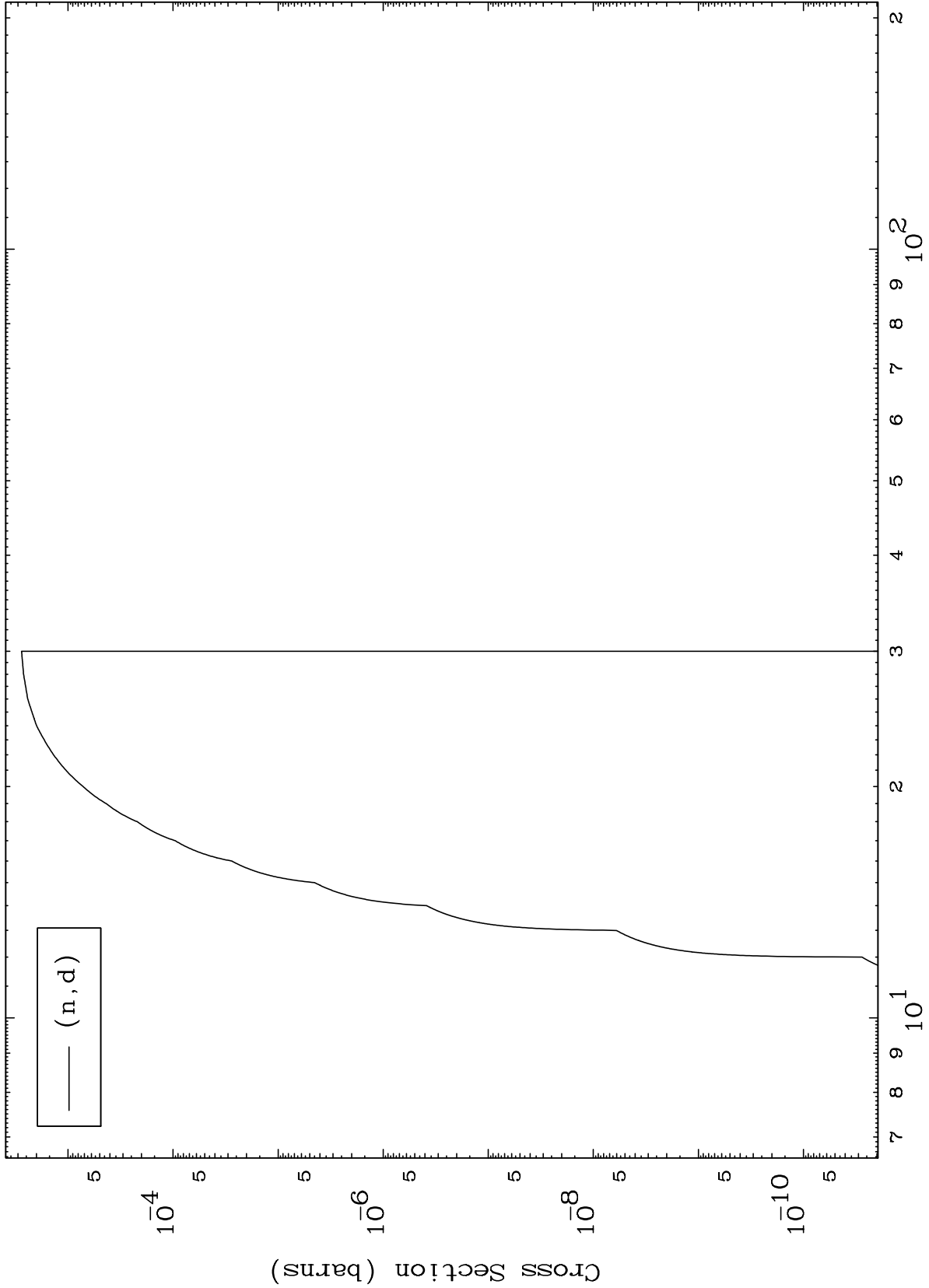
39-Y -96m

MAT 3947

( $\alpha, d$ ) Levels

39-Y -96m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

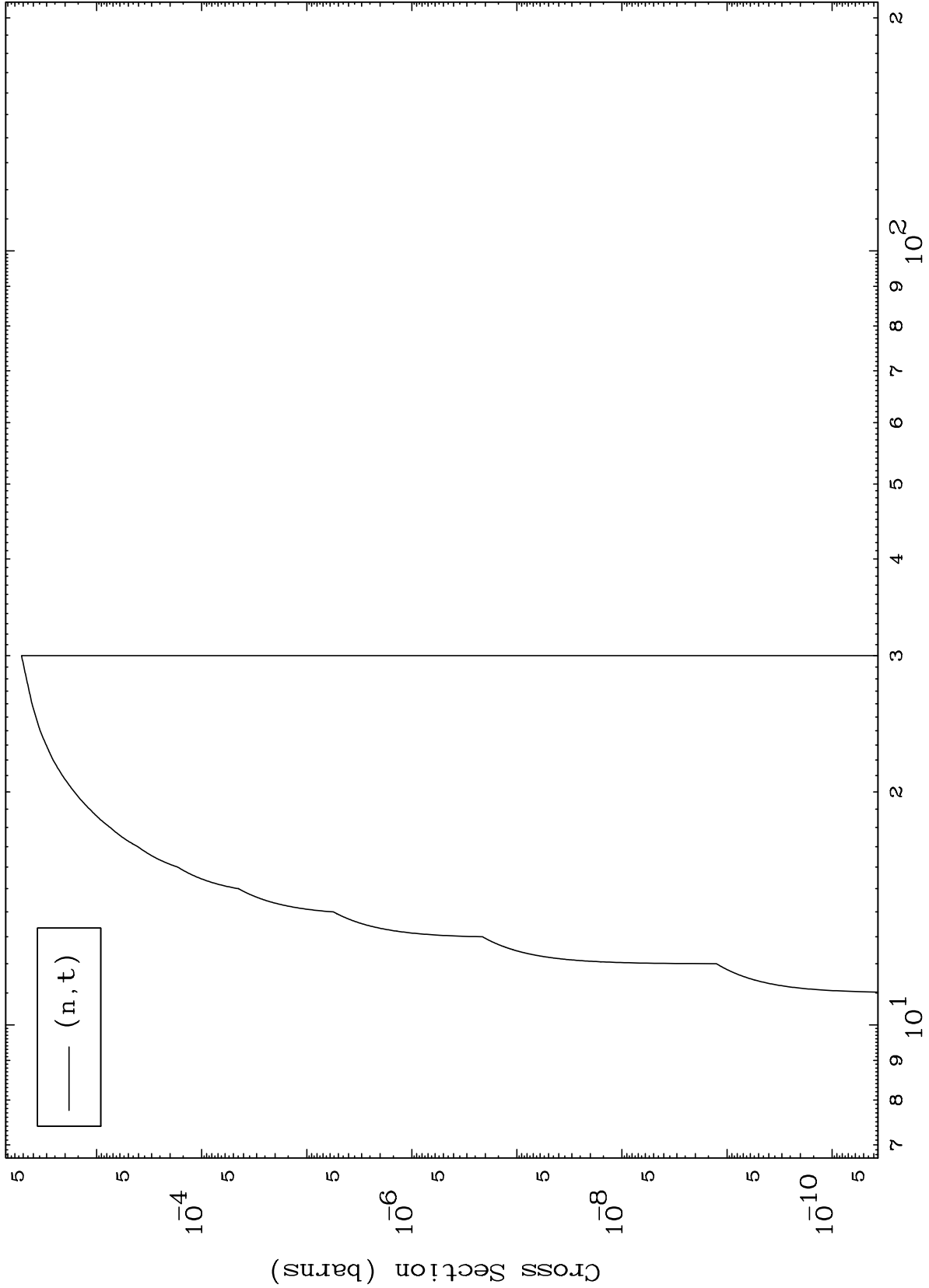
39-Y -96m

MAT 3947

( $\alpha, t$ ) Levels

39-Y -96m

0 Kelvin Cross Sections



9

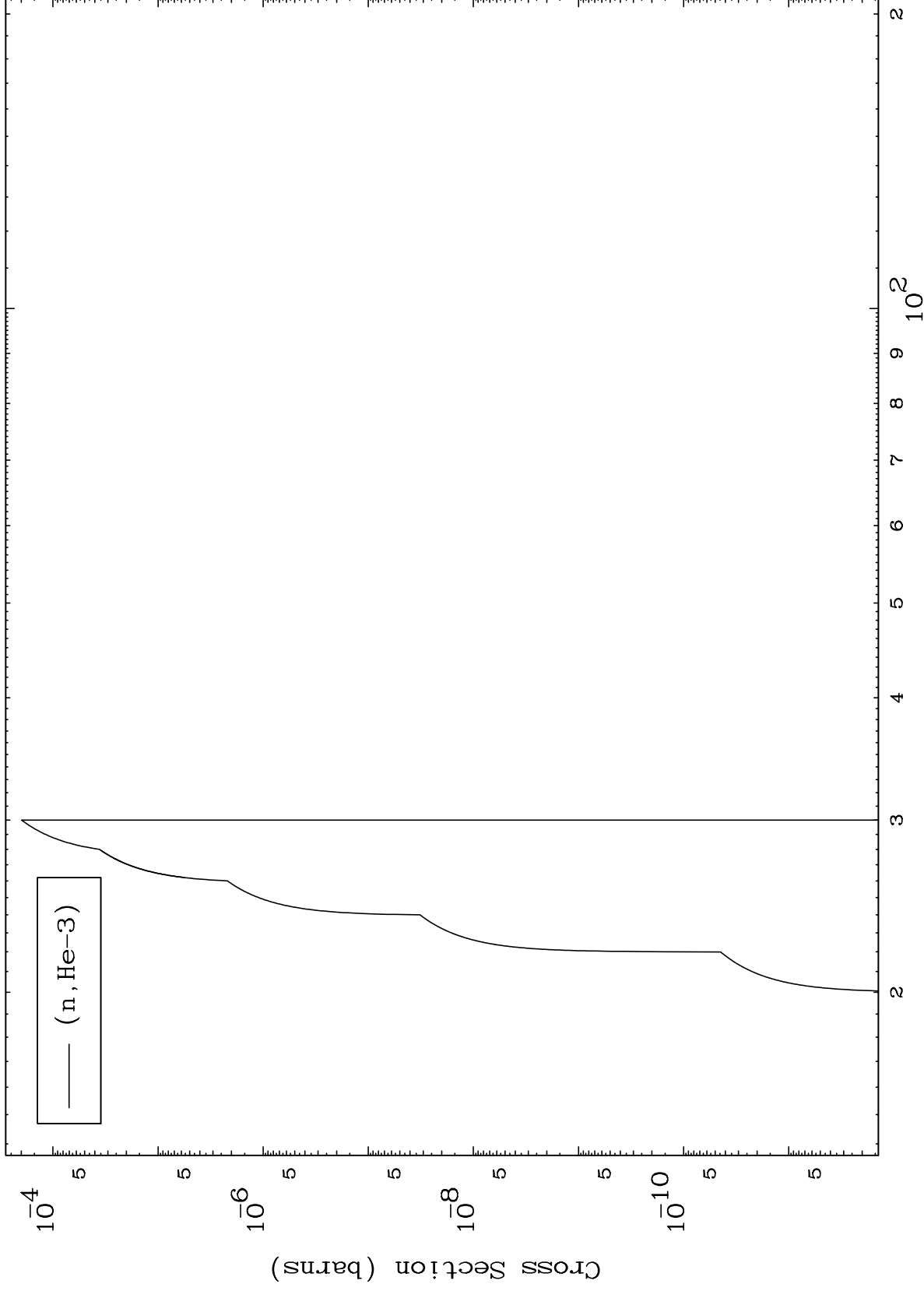
Incident Energy (MeV)

39-Y -96m

MAT 3947

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

39-Y -96m



10

Incident Energy (MeV)

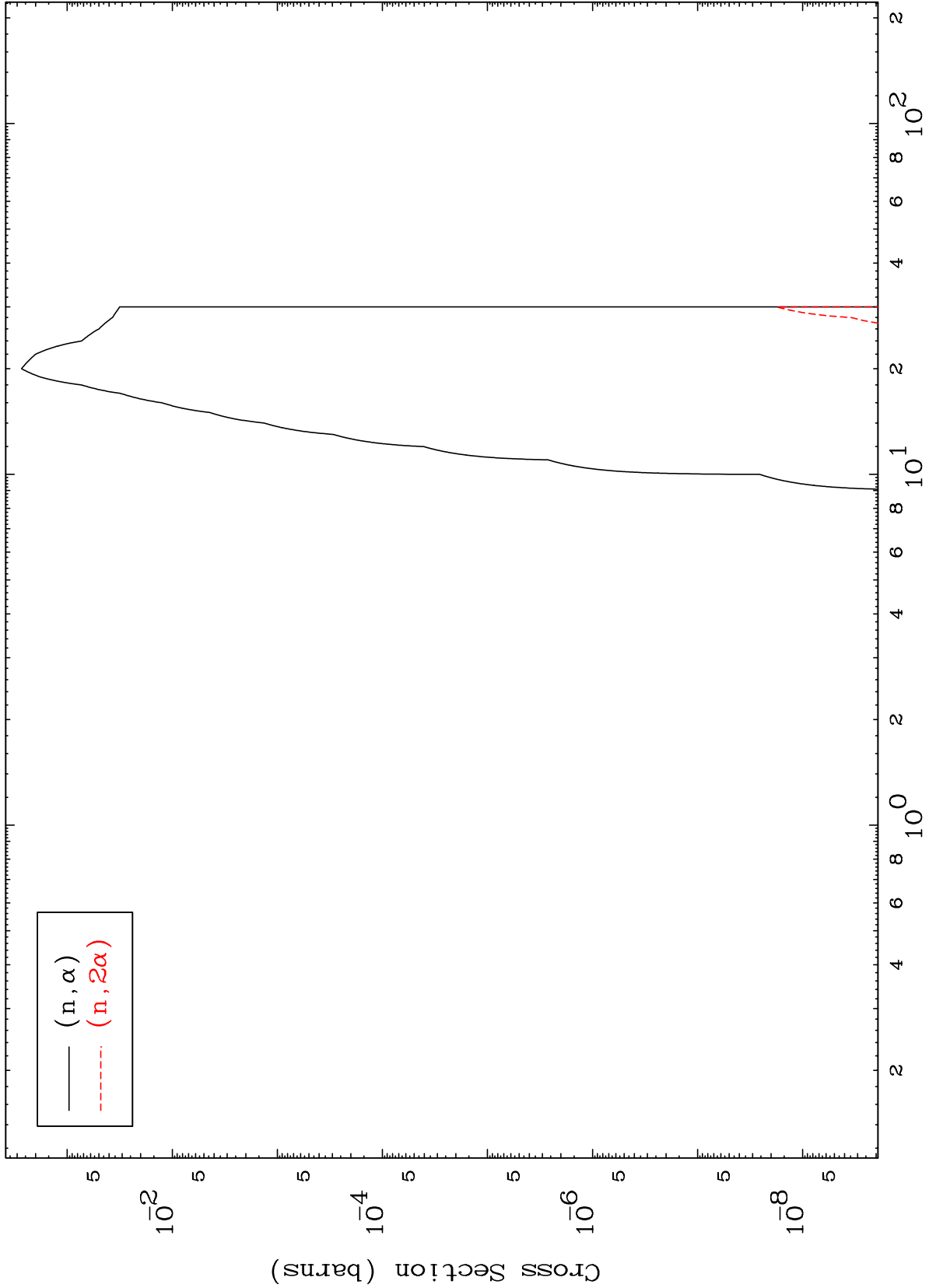
39-Y -96m

MAT 3947

( $\alpha, \alpha$ ) Levels

39-Y -96m

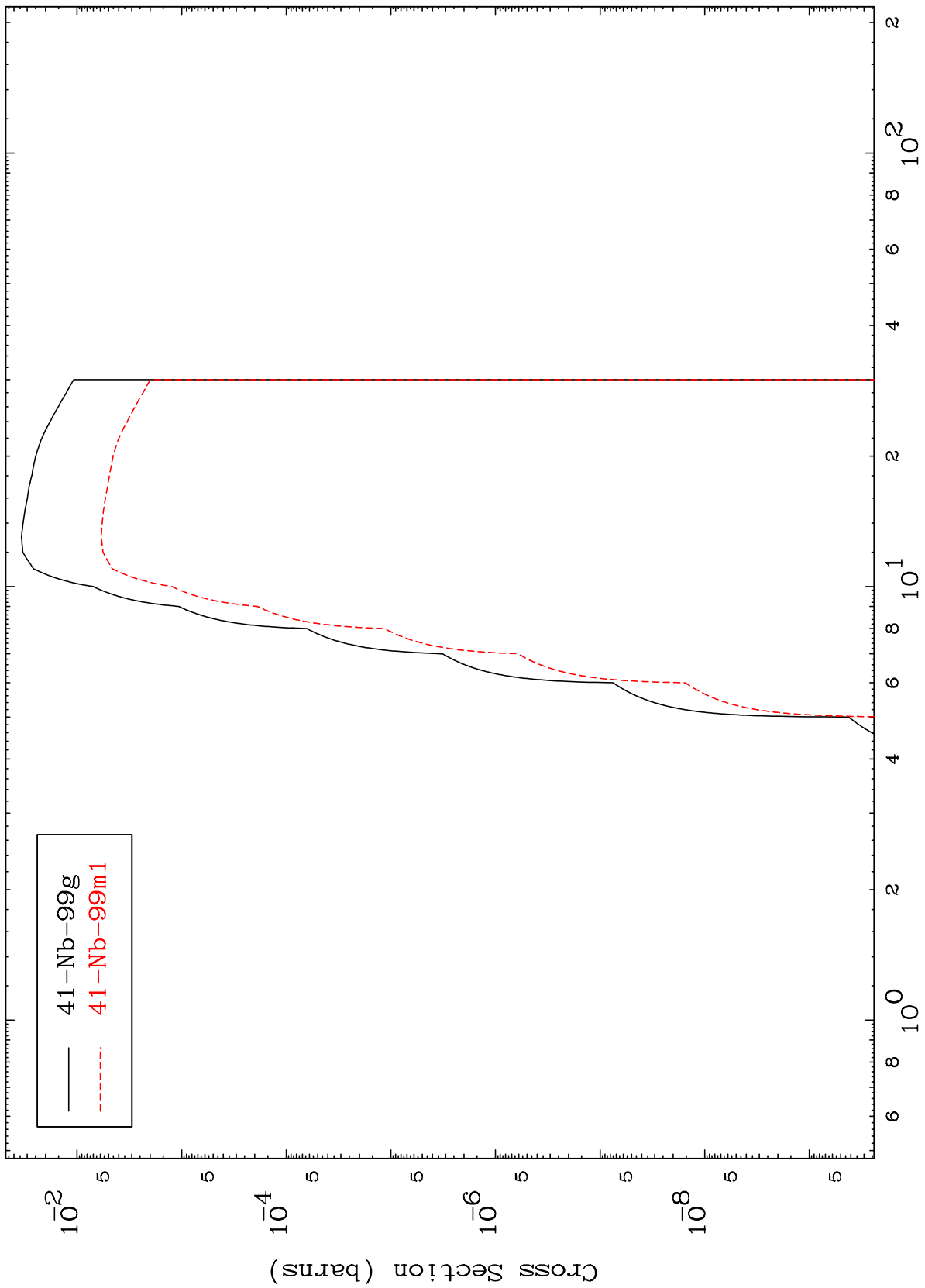
0 Kelvin Cross Sections



MAT 3947

39-Y -96m

### Inelastic Radionuclide Production Cross Section



— 41-Nb-99g  
- - - 41-Nb-99m1

39-Y -96m

Incident Energy (MeV)

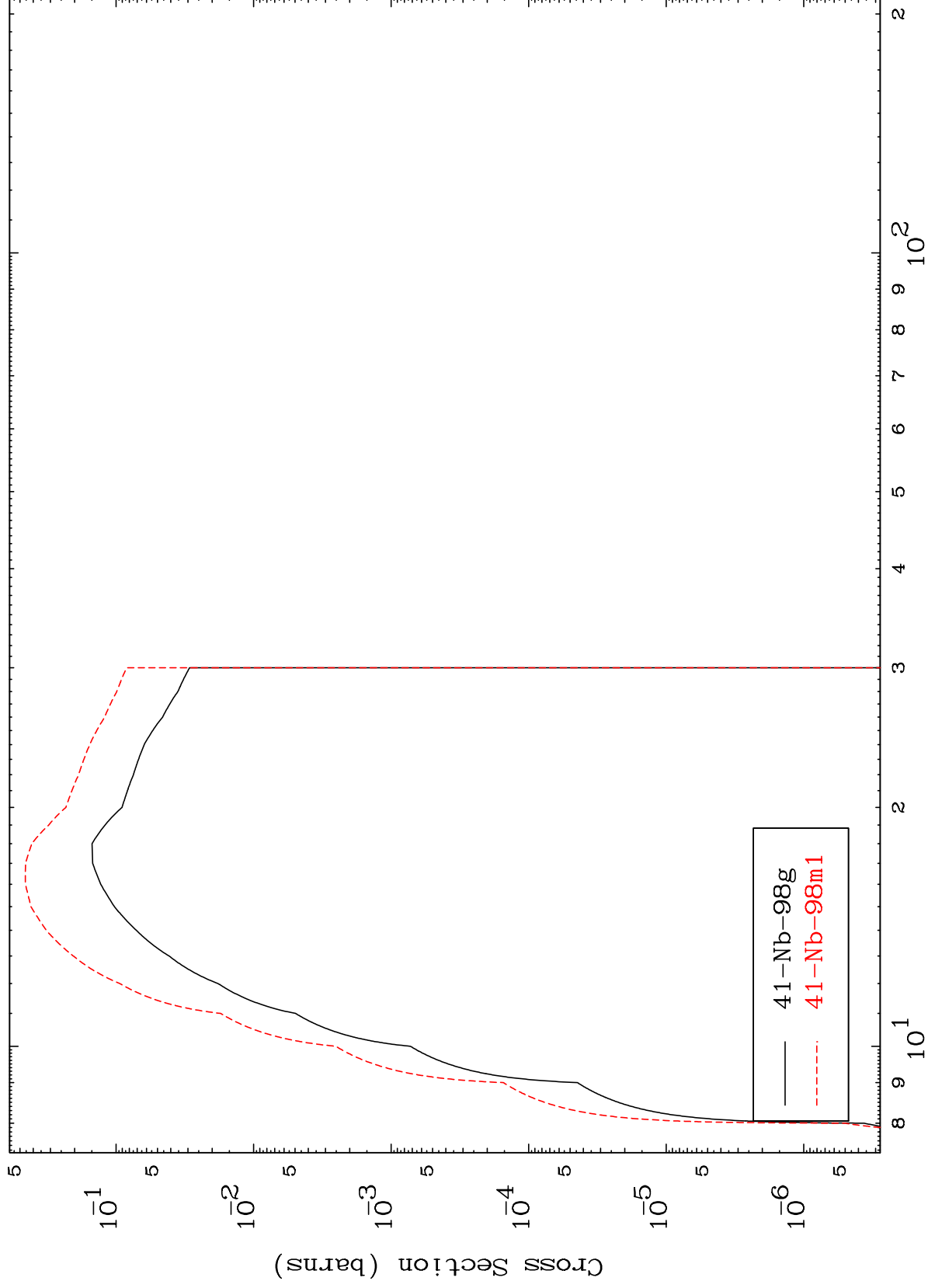
12

MAT 3947

(n,2n)

39-Y -96m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

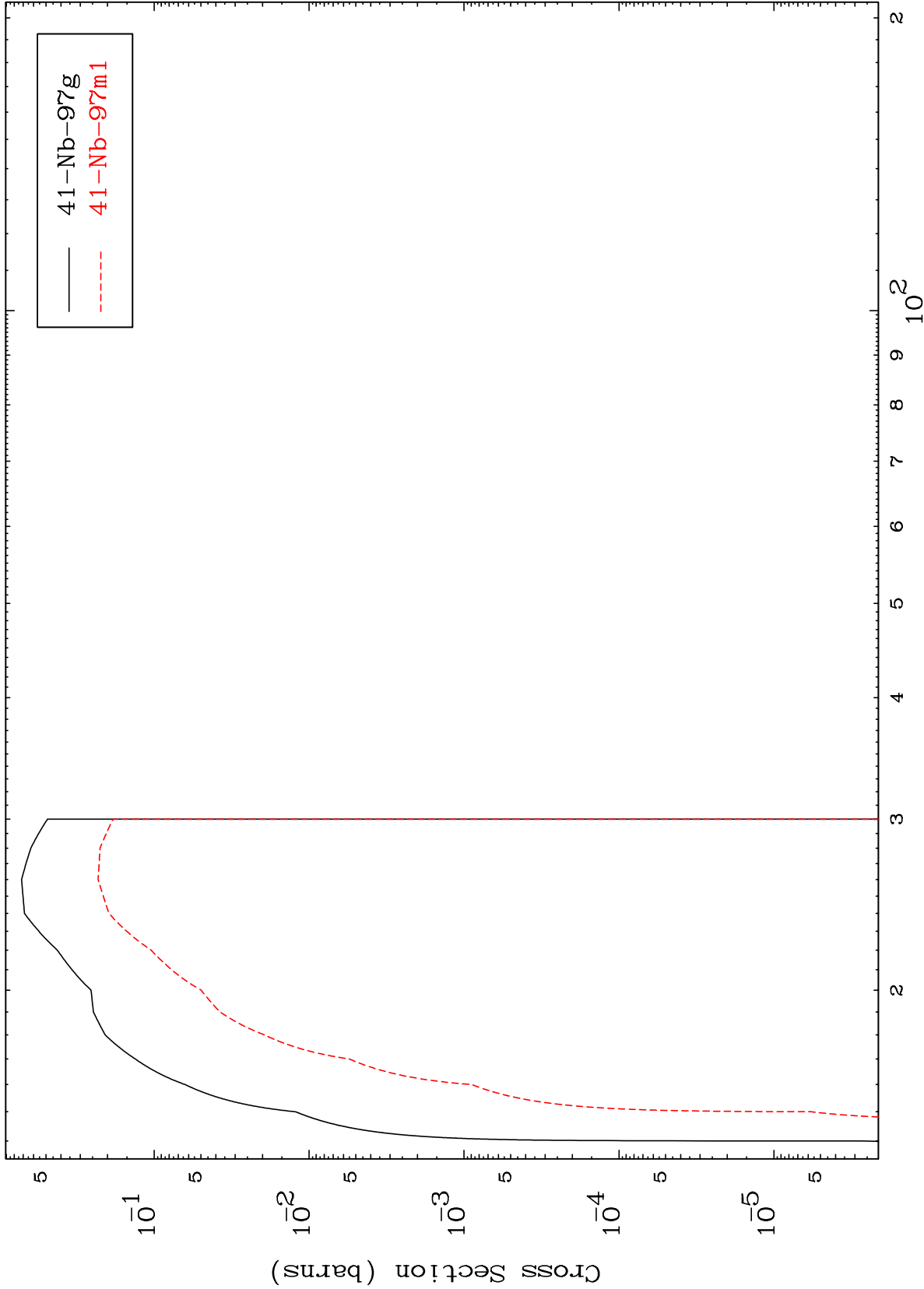
39-Y -96m

MAT 3947

(n,3n)

39-Y -96m

Radionuclide Production Cross Section



41-Nb-97g  
41-Nb-97m1

14

Incident Energy (MeV)

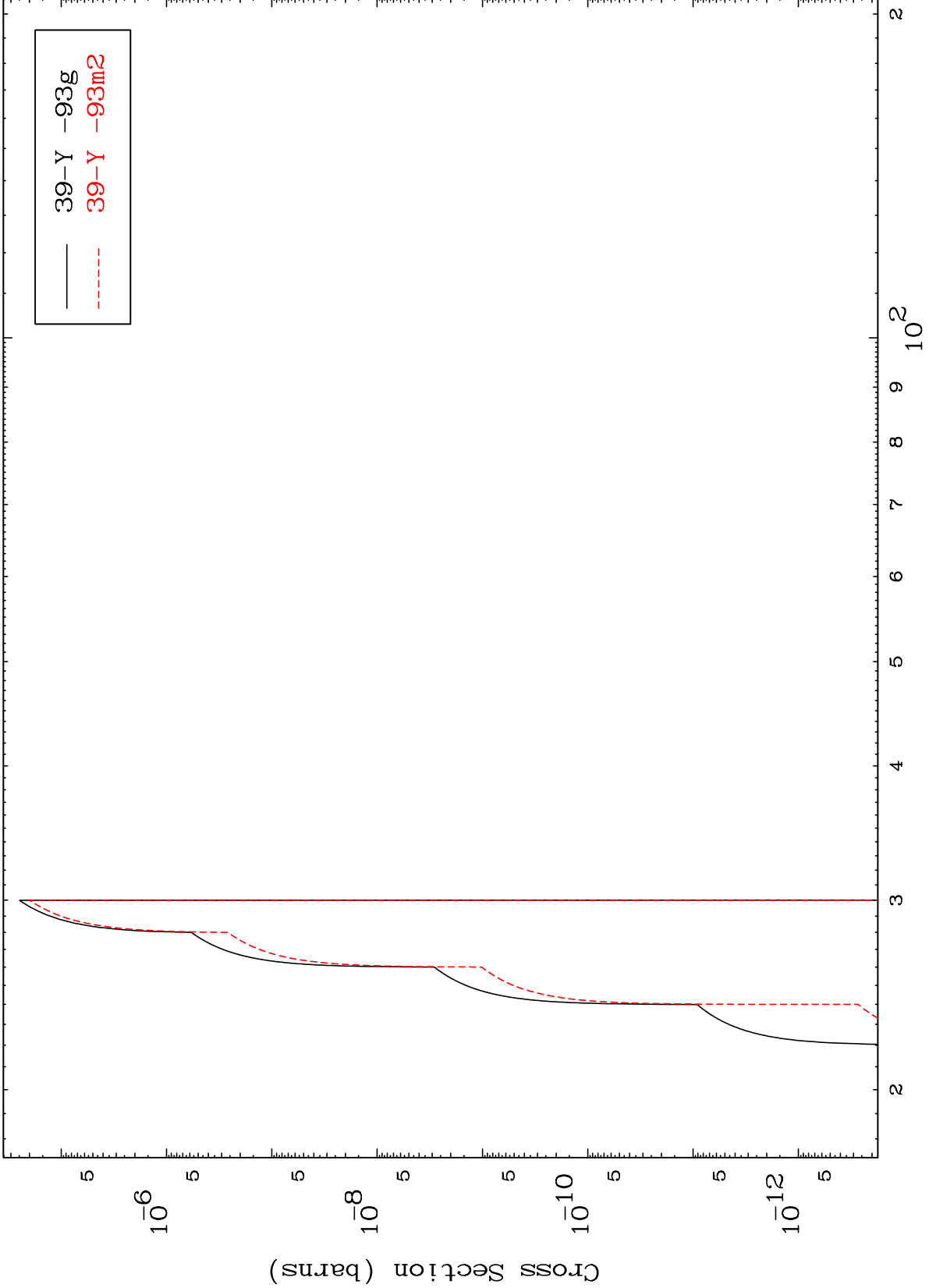
39-Y -96m

MAT 3947

(n,3n)  $\alpha$

39-Y -96m

Radionuclide Production Cross Section



39-Y -93g  
39-Y -93m2

15

Incident Energy (MeV)

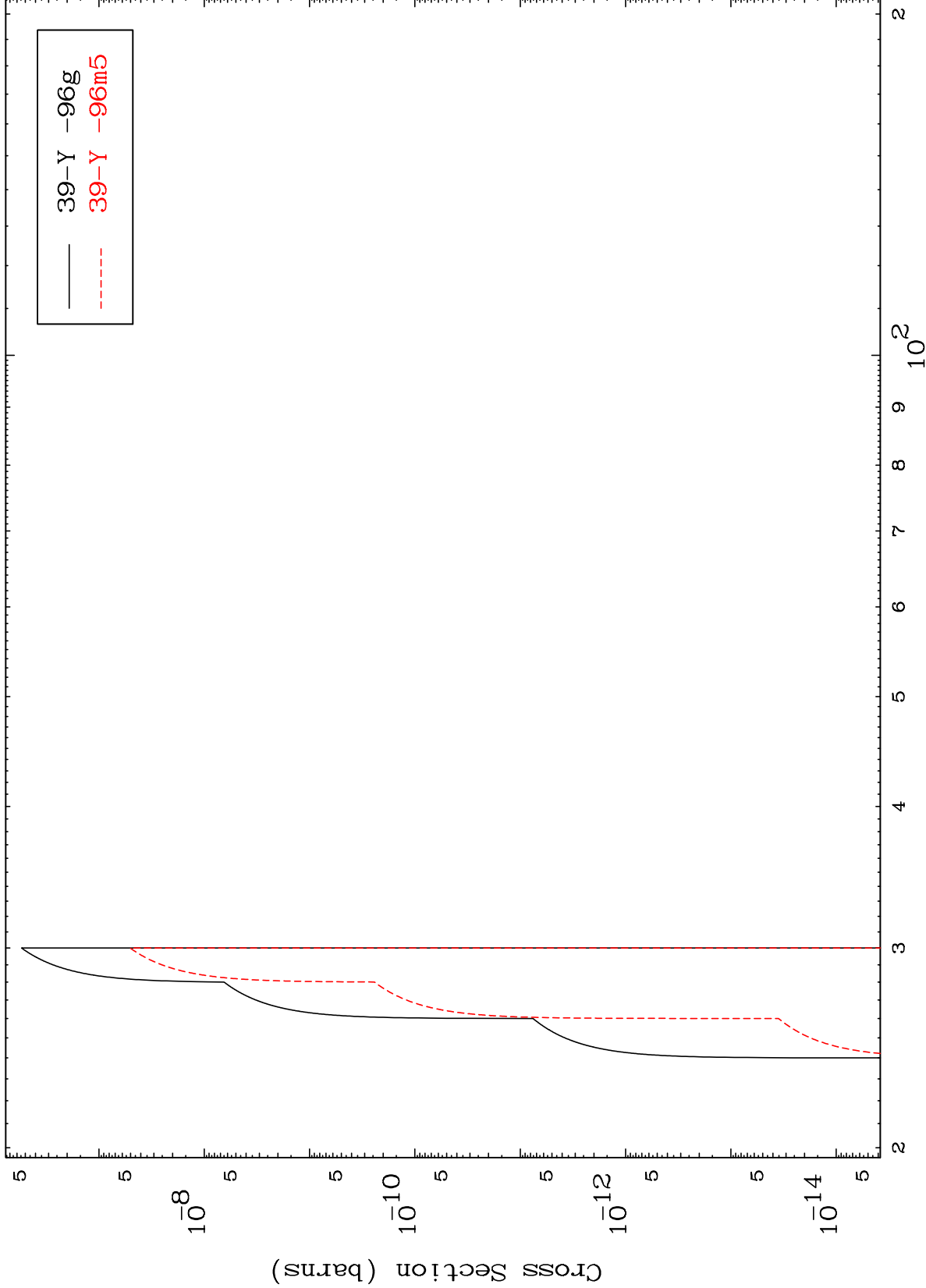
39-Y -96m

MAT 3947

(n,n') He-3

39-Y -96m

Radionuclide Production Cross Section



16

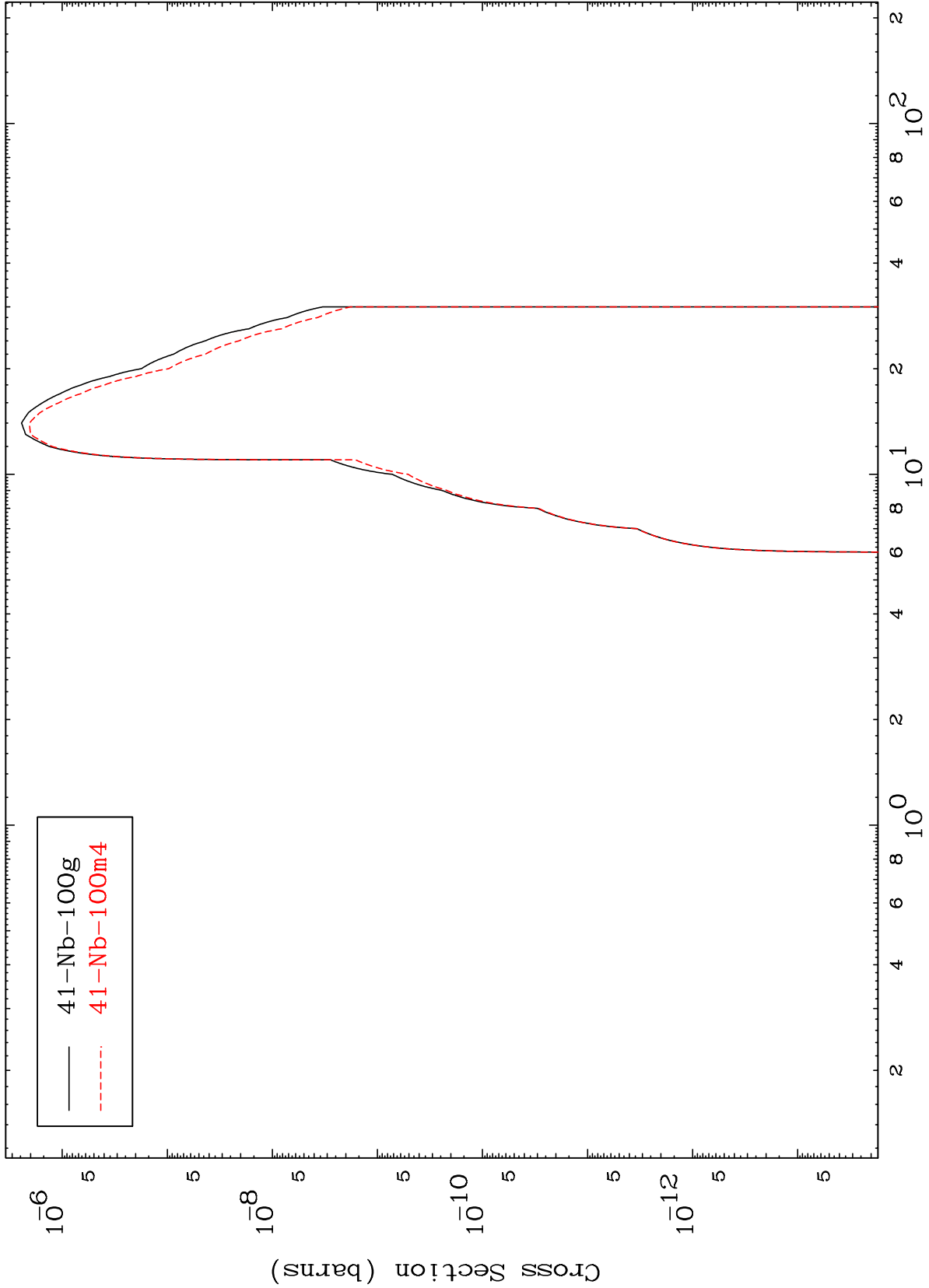
Incident Energy (MeV)

39-Y -96m

MAT 3947

39-Y -96m

(n,γ)  
Radionuclide Production Cross Section



39-Y -96m

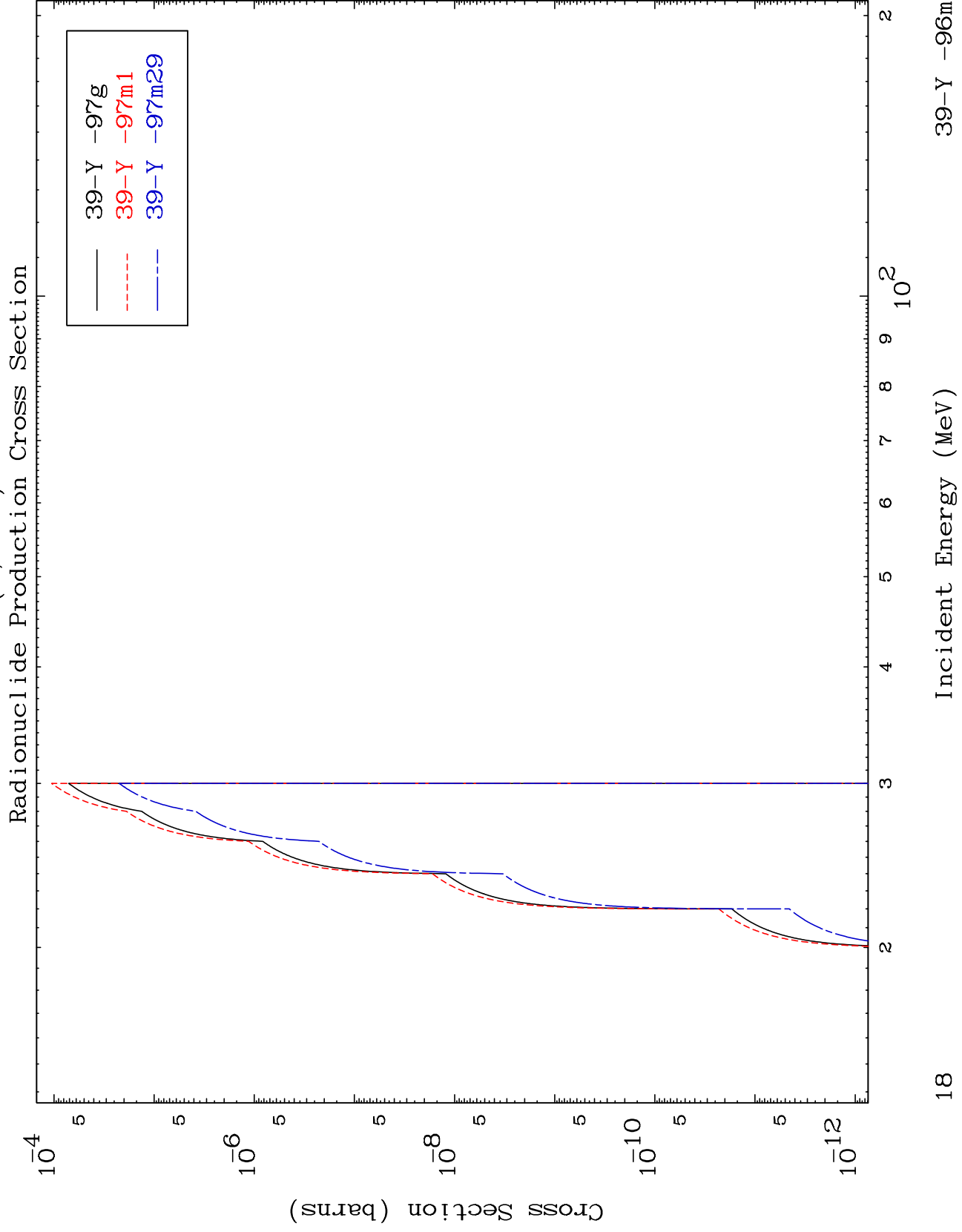
Incident Energy (MeV)

17

MAT 3947

(n,He-3)

39-Y -96m

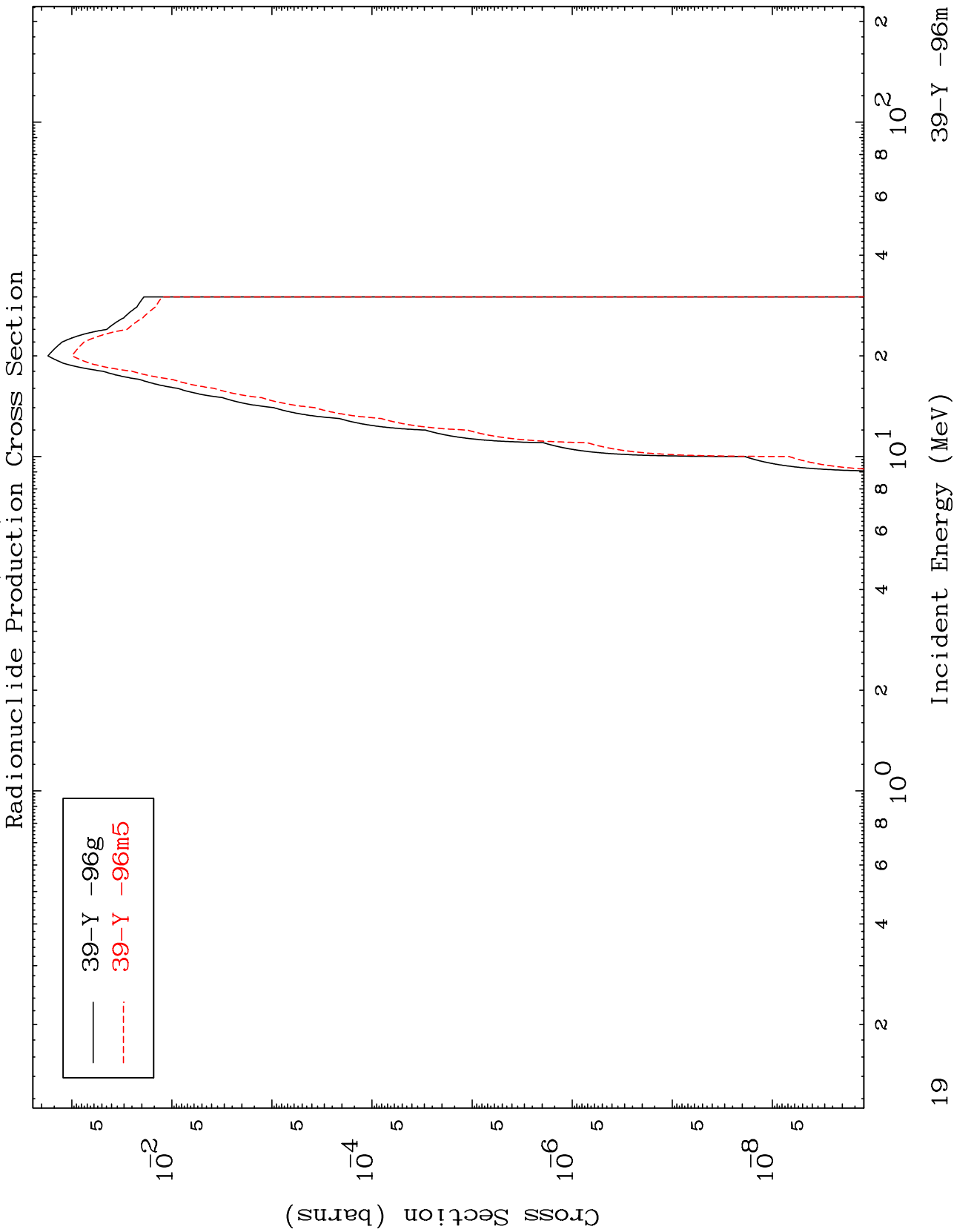


18

39-Y -96m

MAT 3947

39-Y -96m



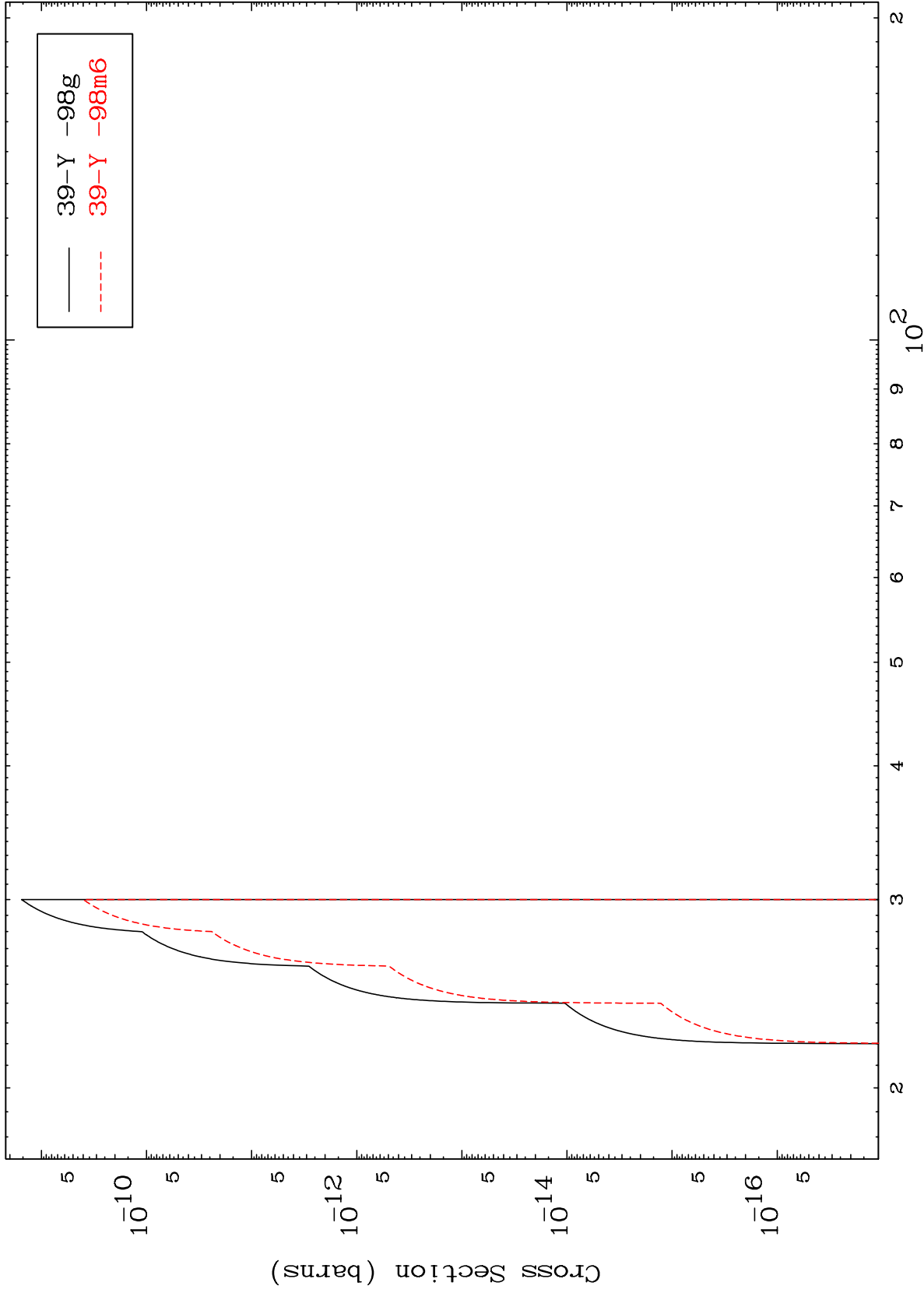
— 39-Y -96g  
- - - 39-Y -96m5

MAT 3947

(n,2p)

39-Y -96m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -96m