

Program EVALPLOT  
(Version 2021-1)

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

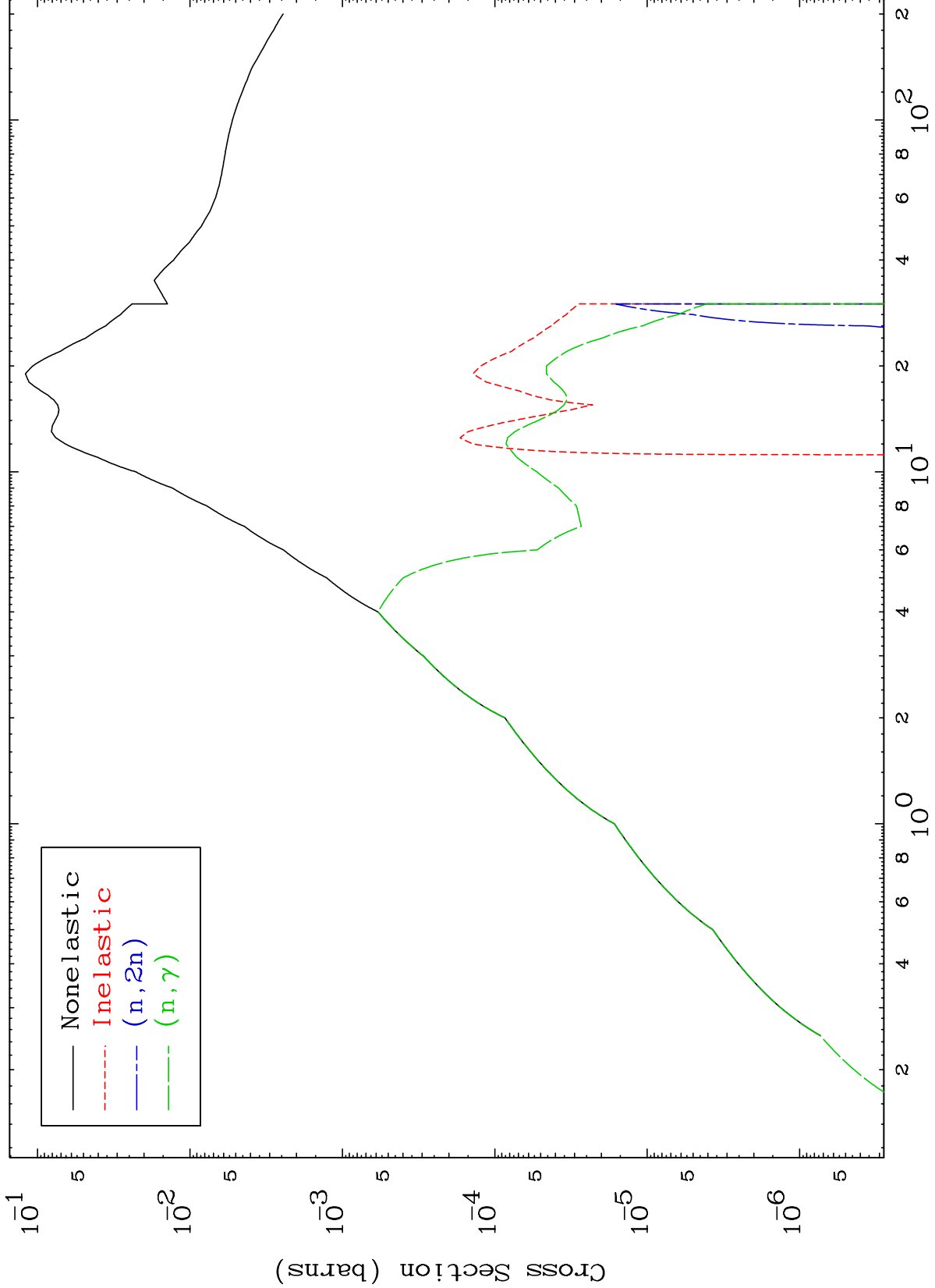
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3899

Photon Major  
0 Kelvin Cross Sections

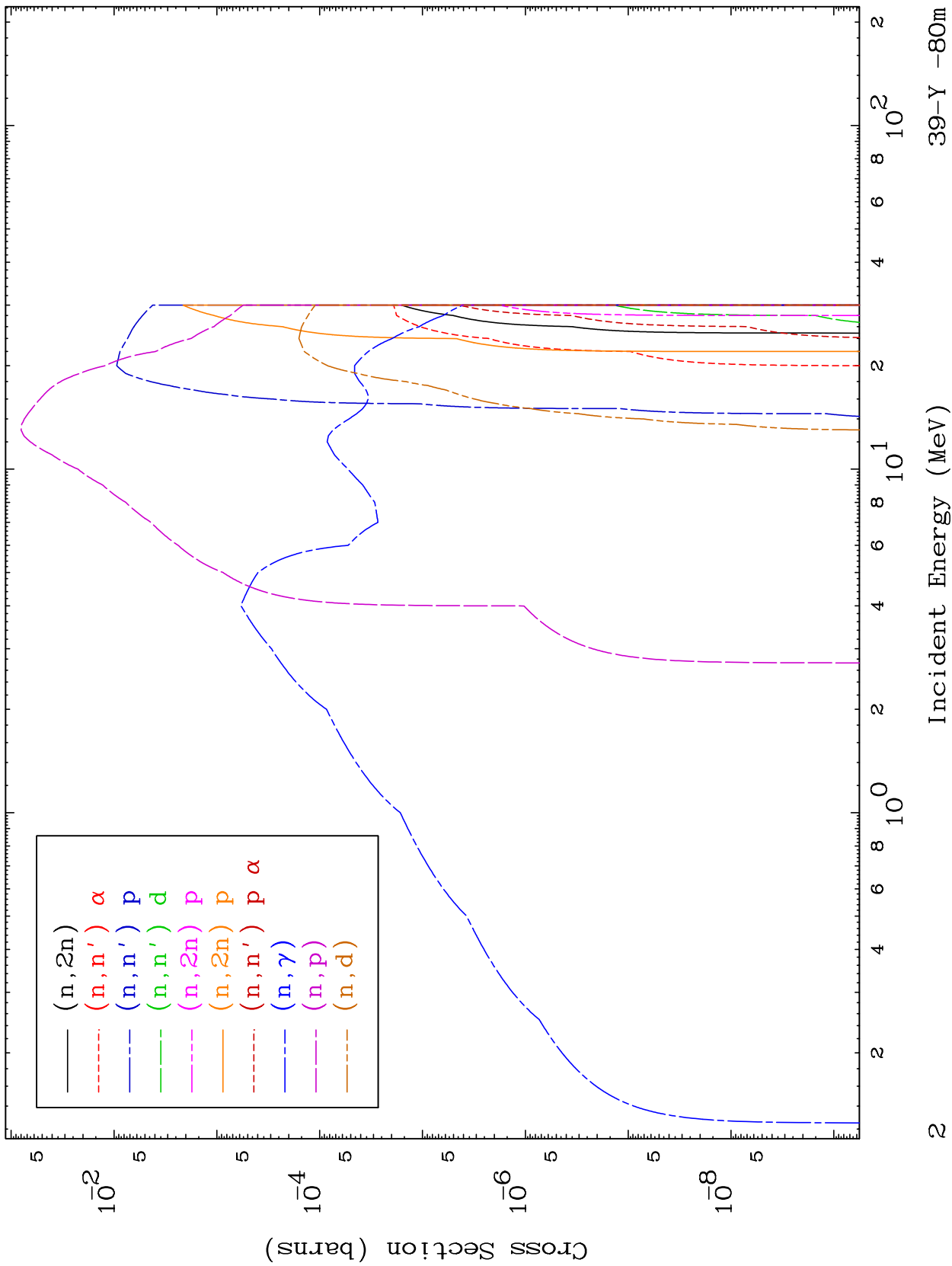
39-Y -80m

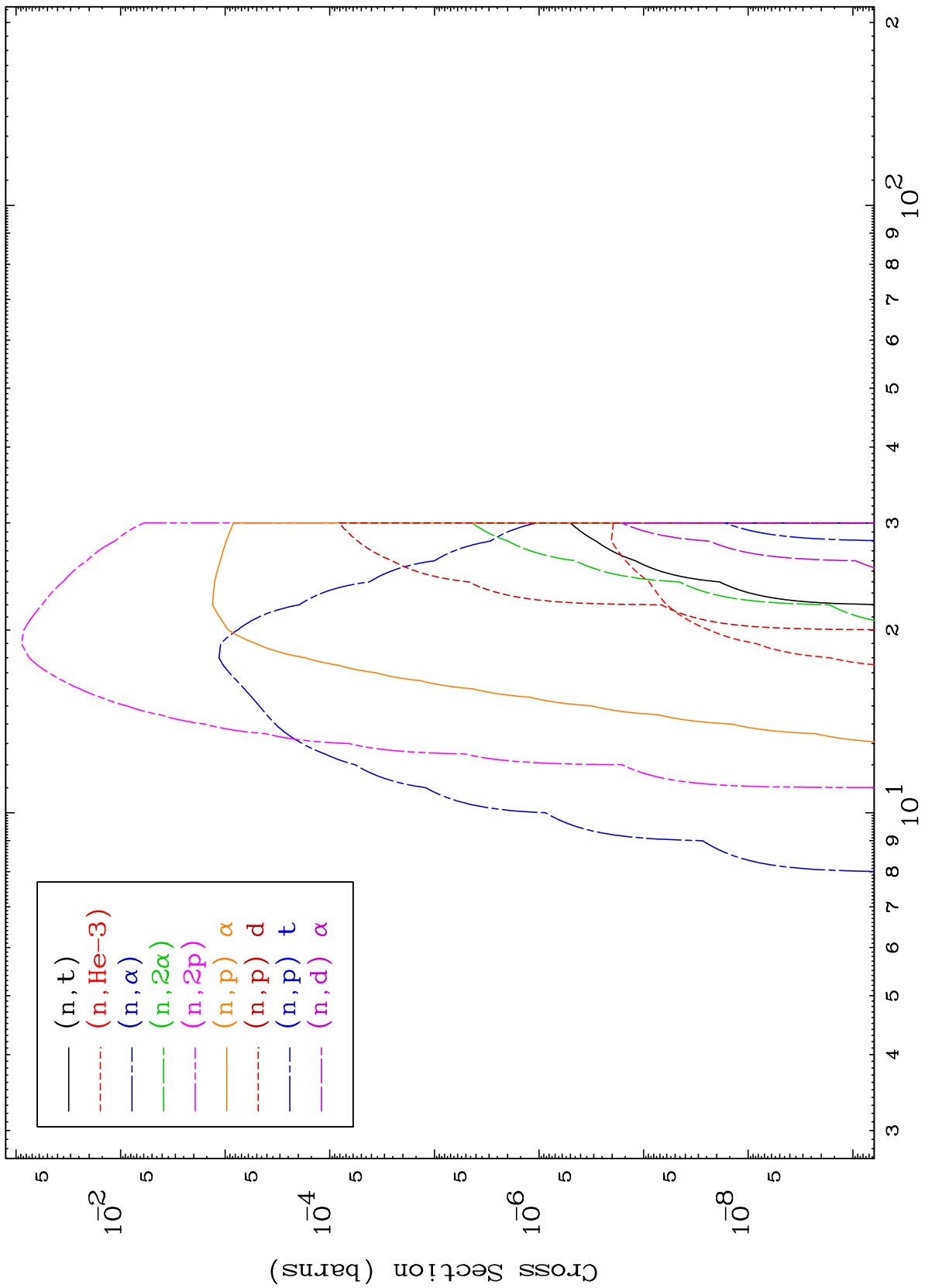


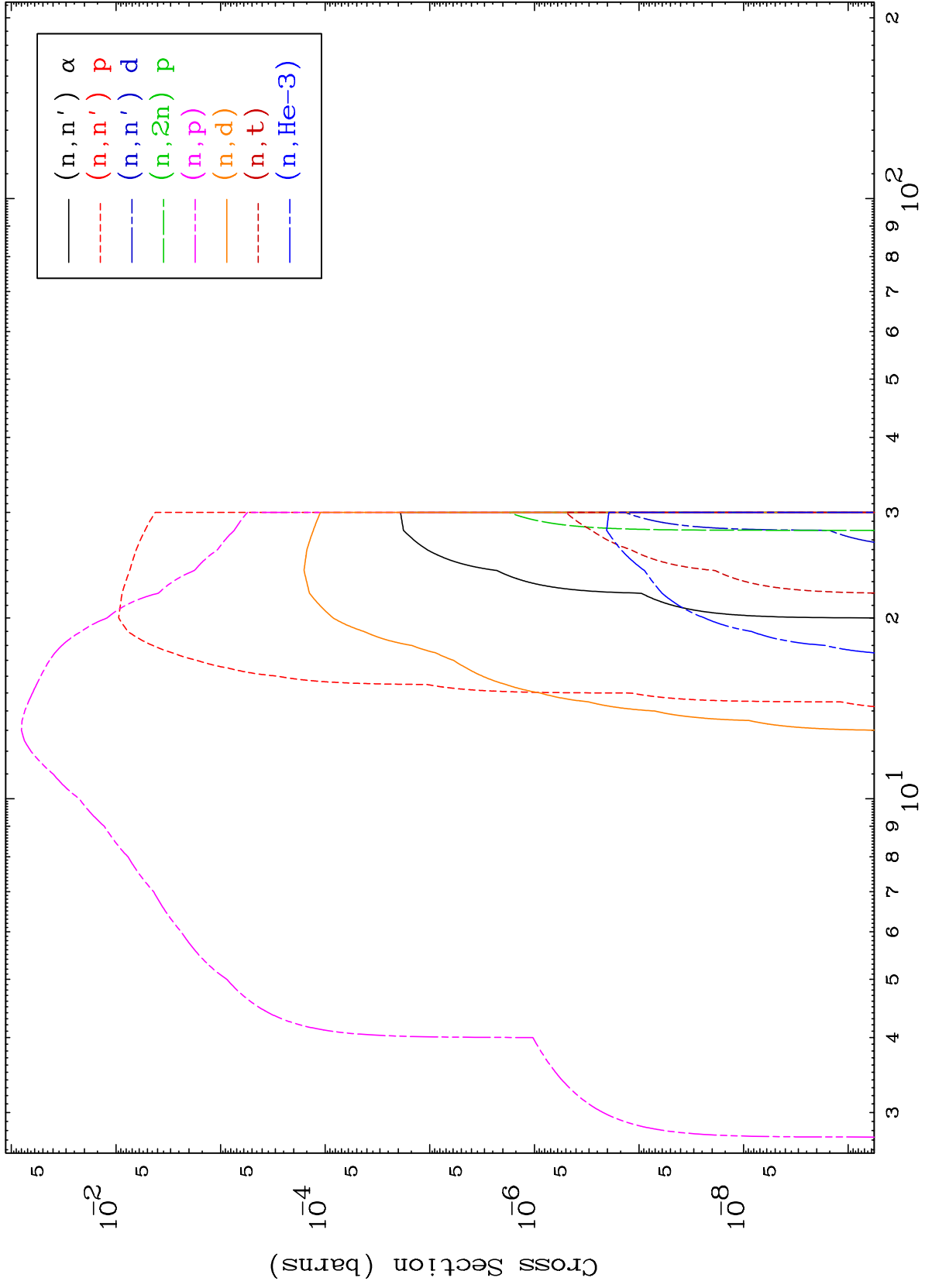
1

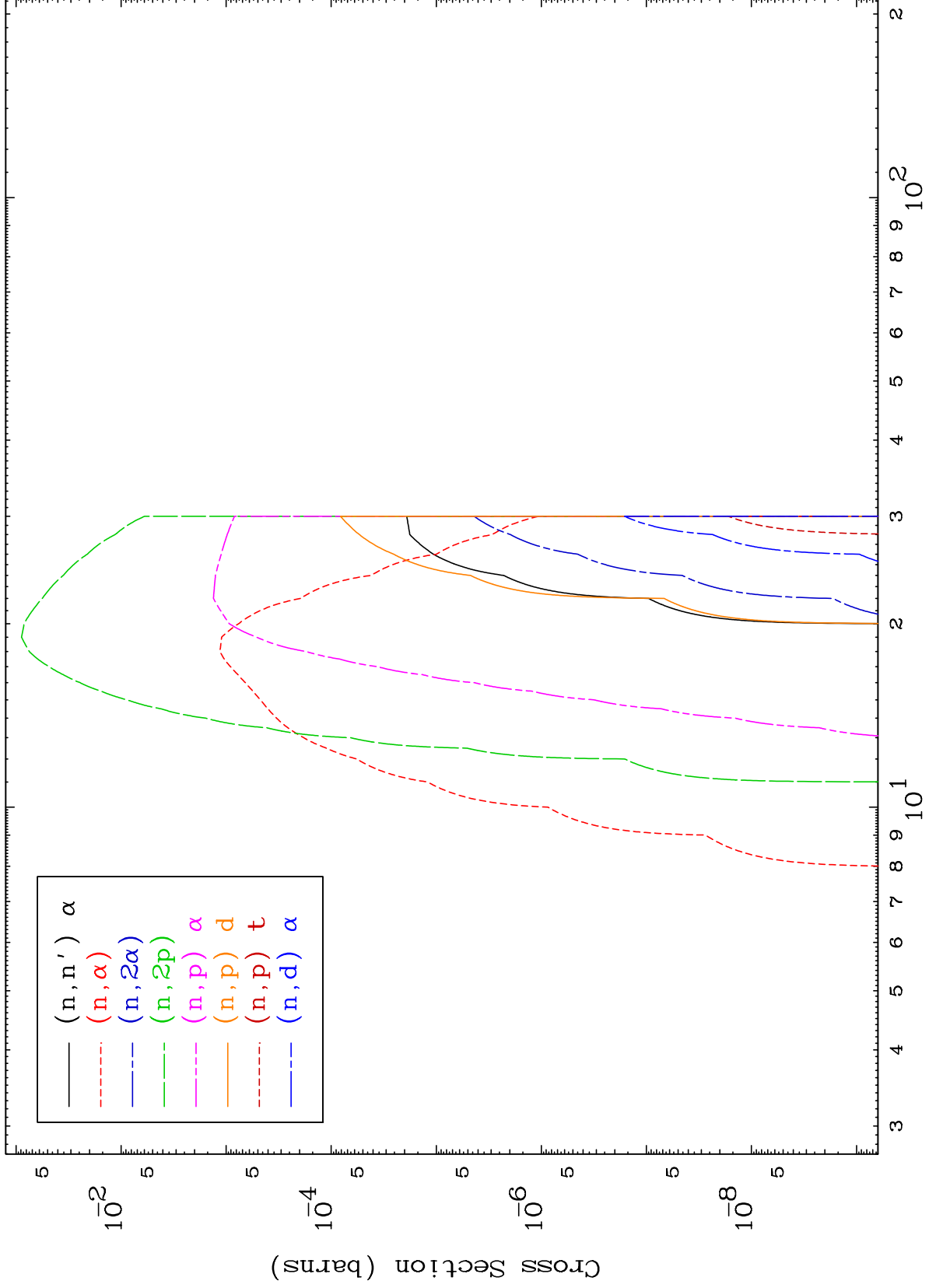
Incident Energy (MeV)

39-Y -80m







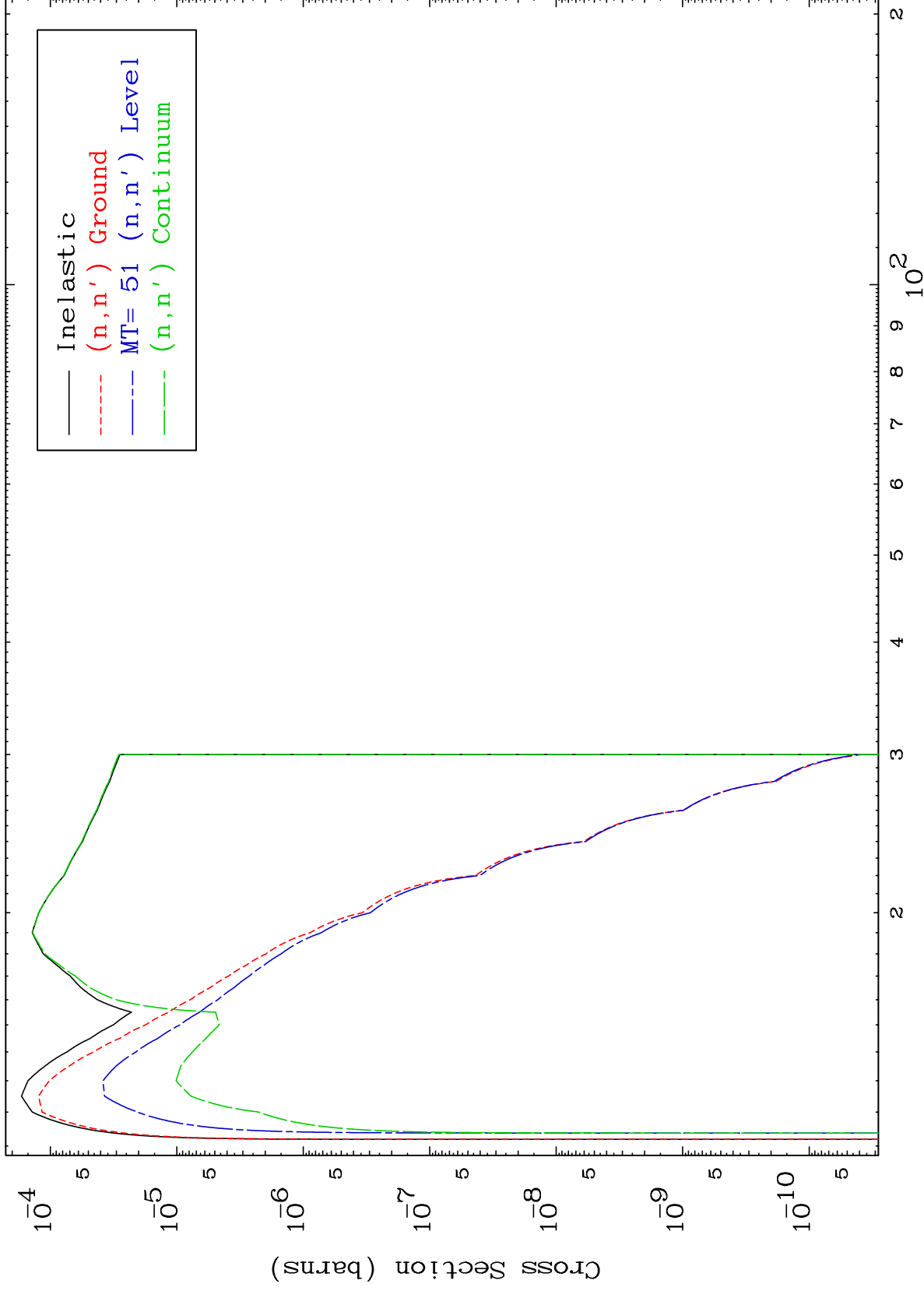


MAT 3899

( $\gamma, n'$ ) Levels

39-Y -80m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

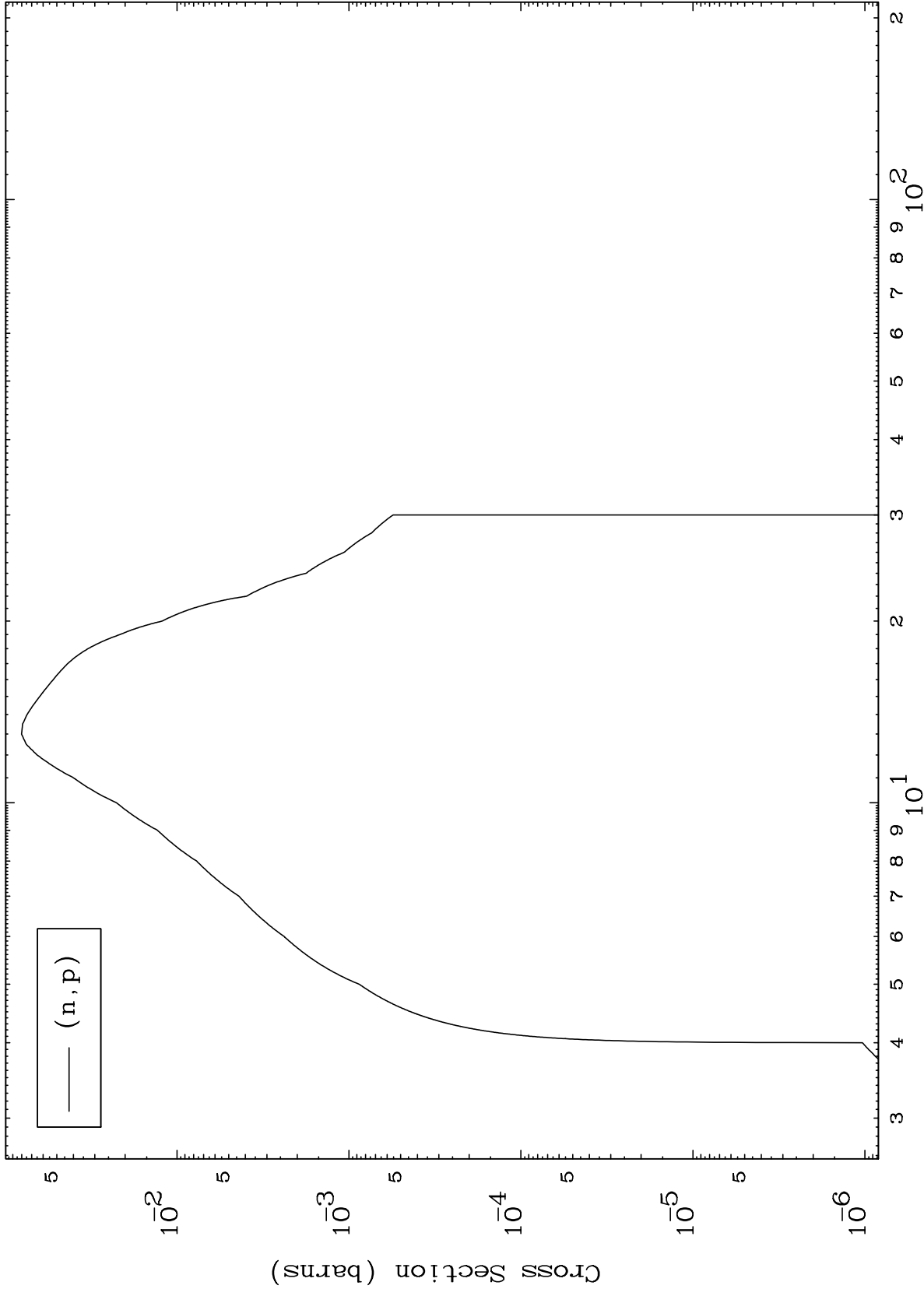
39-Y -80m

MAT 3899

( $\gamma, p$ ) Levels

39-Y -80m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

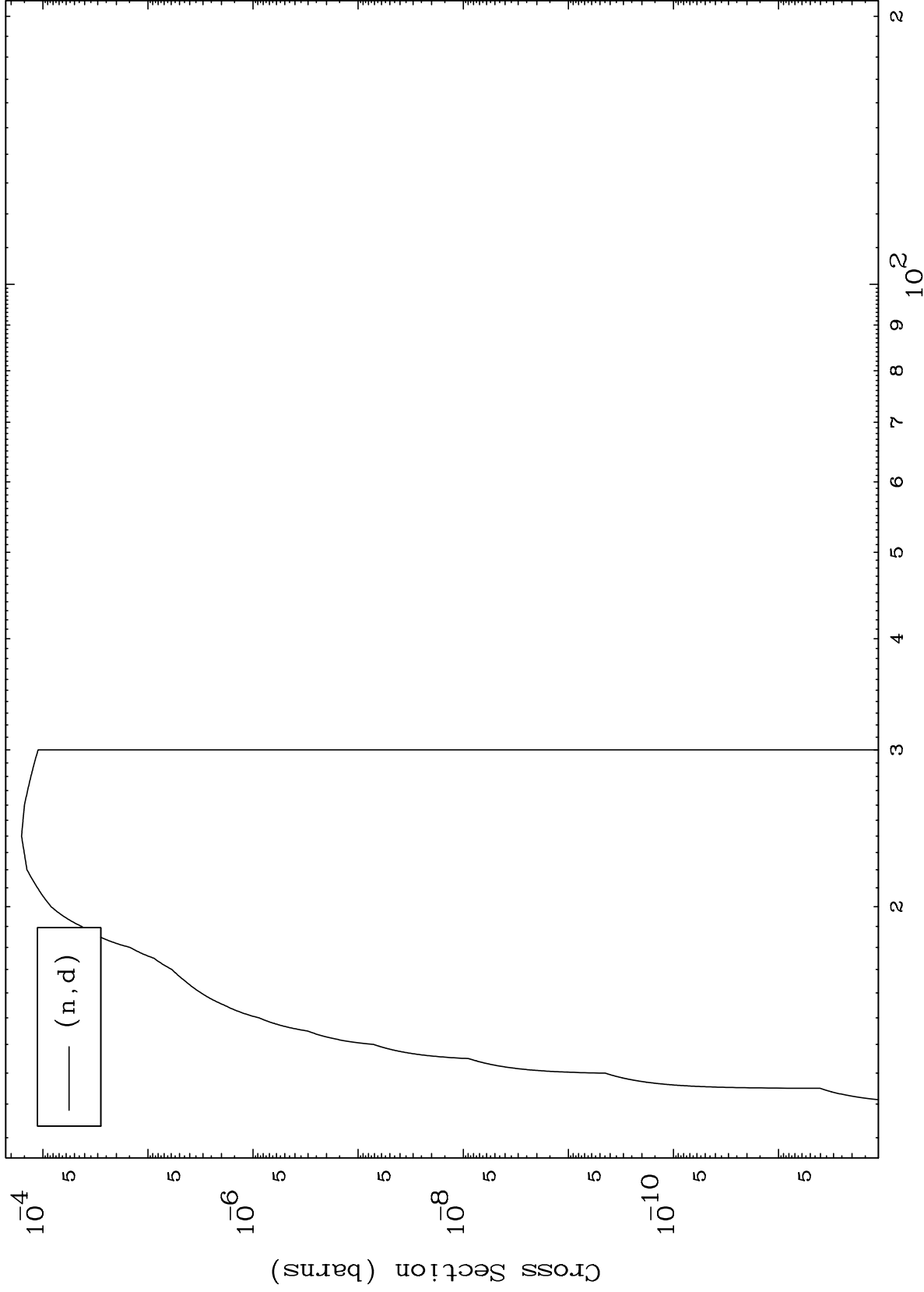
39-Y -80m



MAT 3899

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

39-Y -80m



8

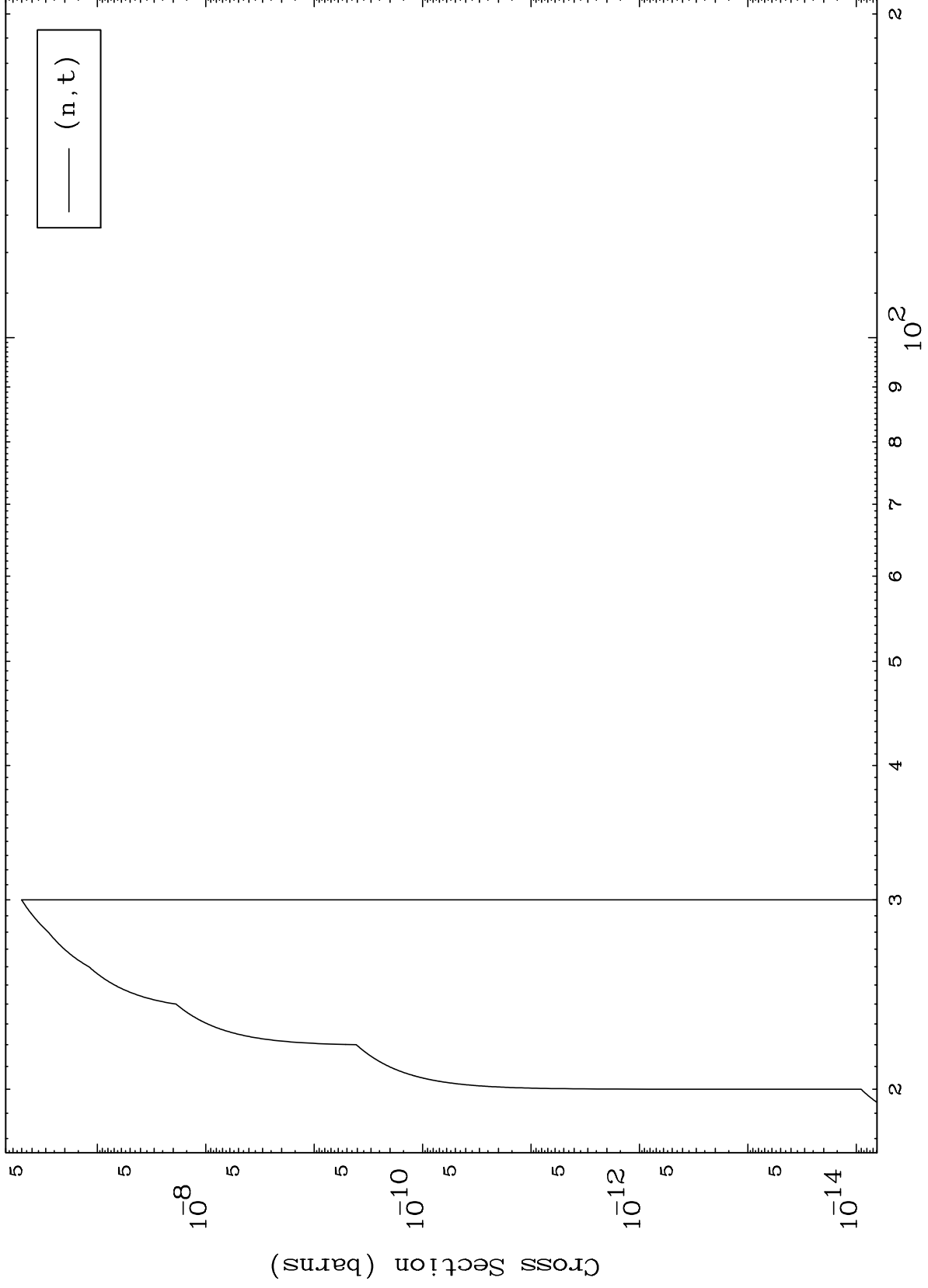
Incident Energy (MeV)

39-Y -80m

MAT 3899

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

39-Y -80m



9

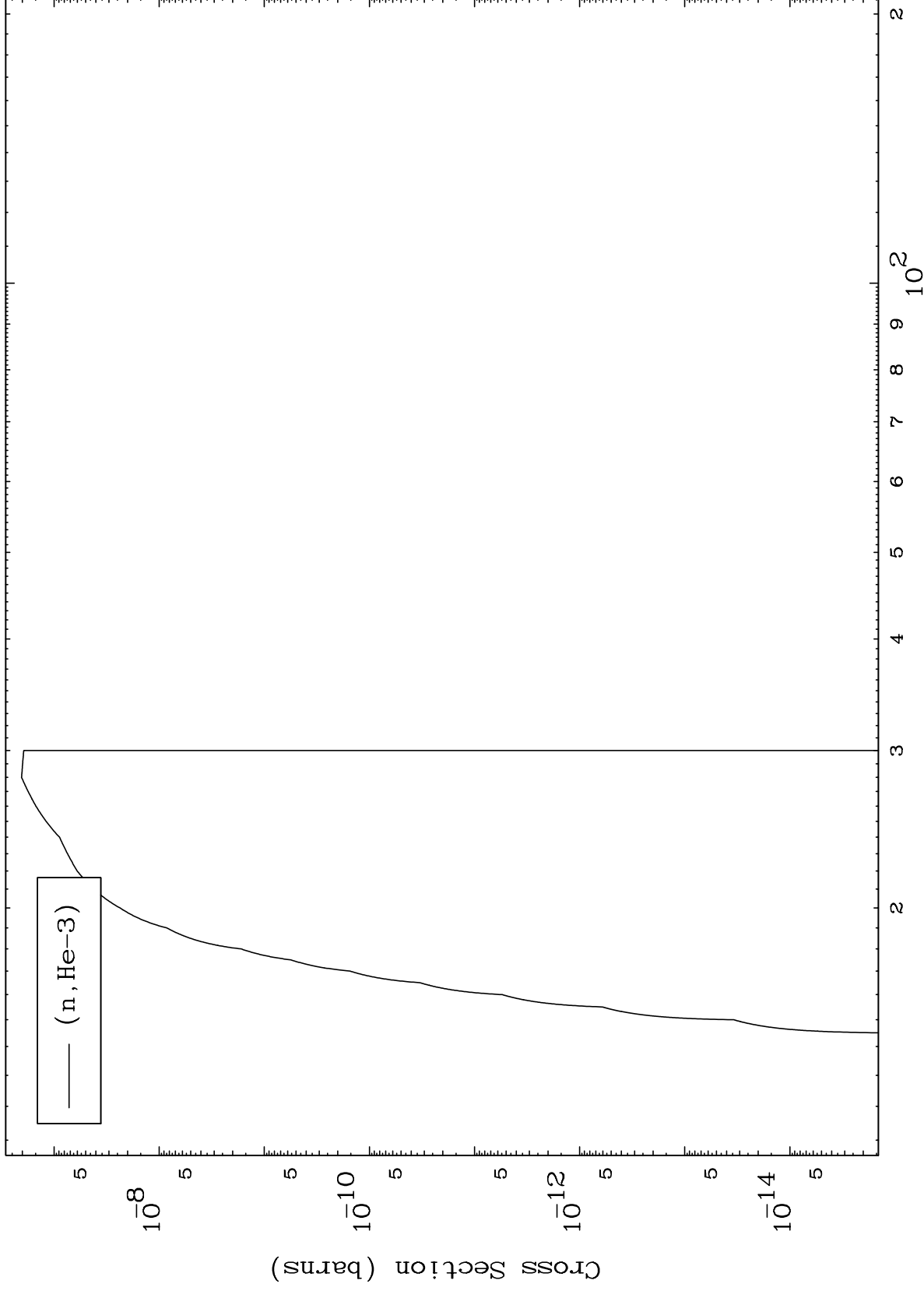
Incident Energy (MeV)

39-Y -80m

MAT 3899

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

39-Y -80m



10

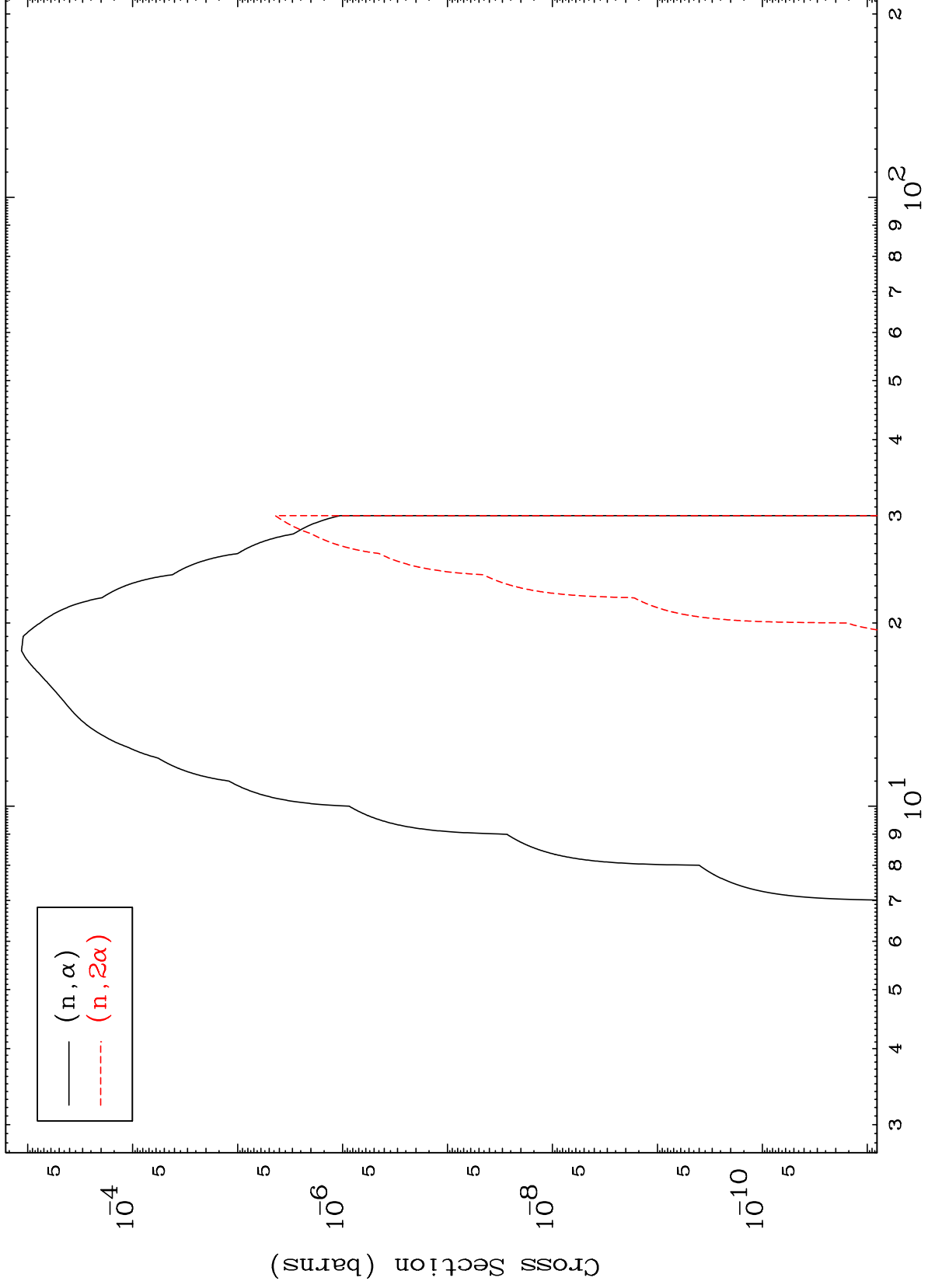
Incident Energy (MeV)

39-Y -80m

MAT 3899

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

39-Y -80m



11

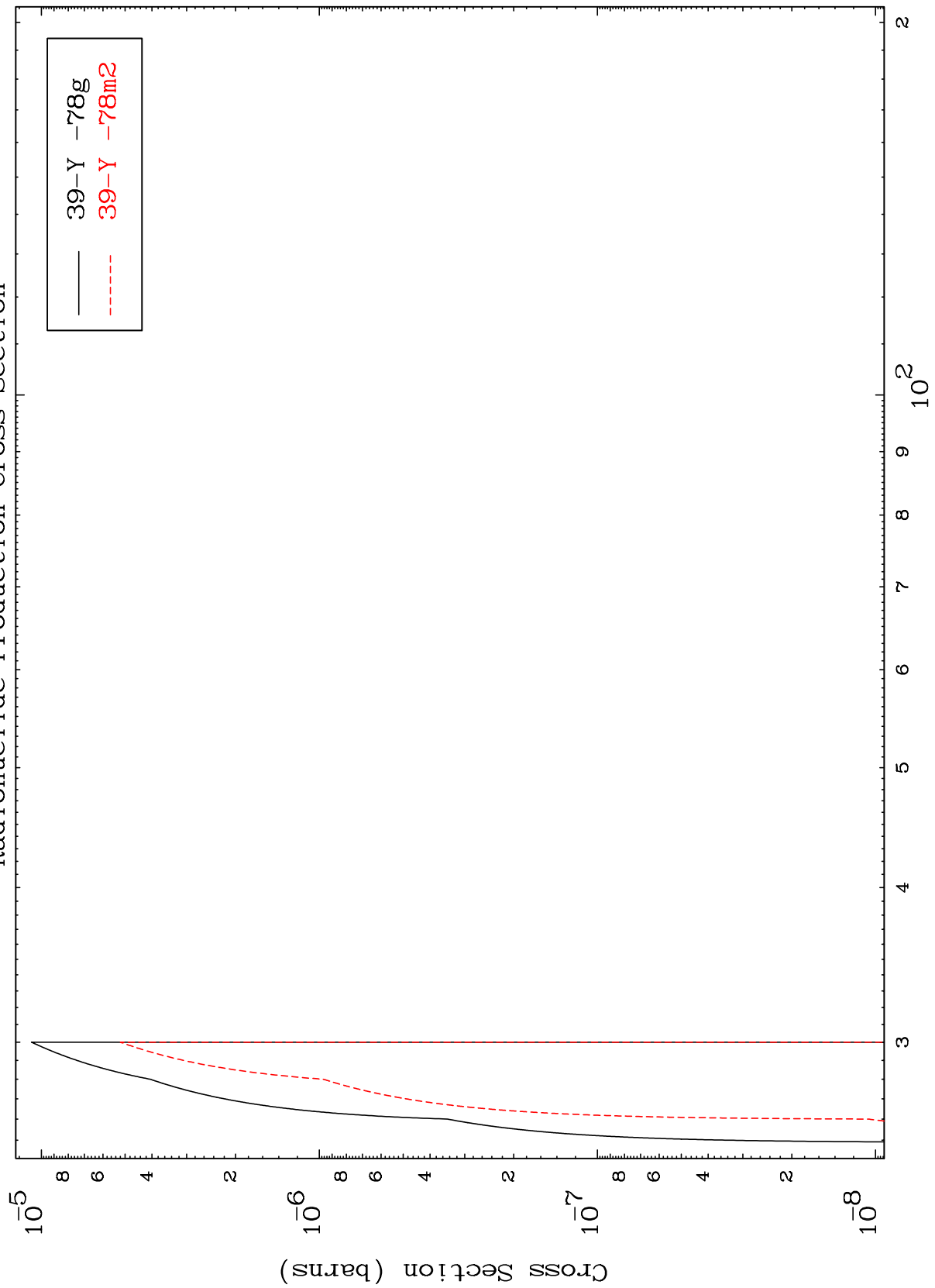
Incident Energy (MeV)

39-Y -80m

MAT 3899

39-Y -80m

(n,2n)  
Radionuclide Production Cross Section



12

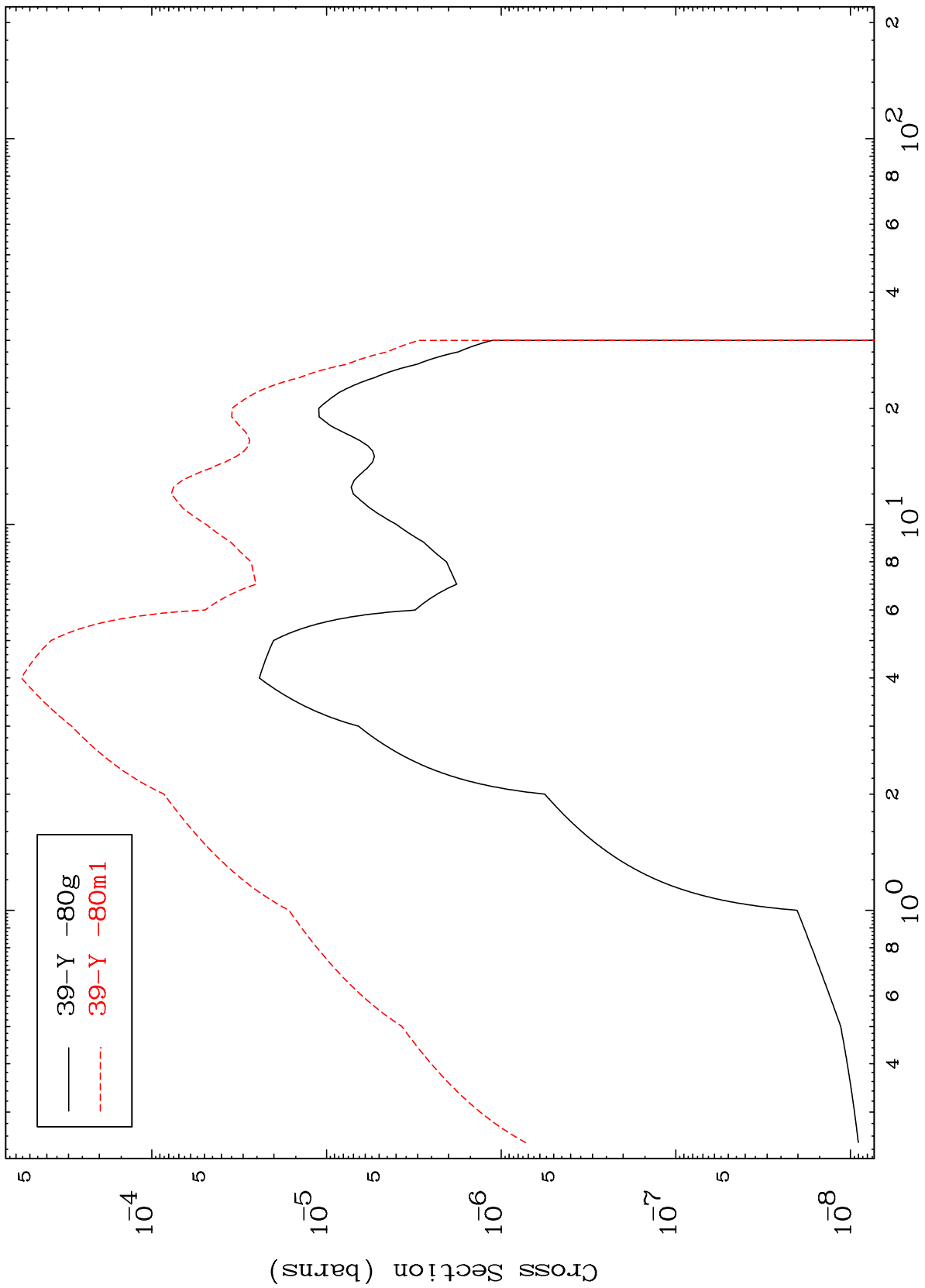
39-Y -80m

Incident Energy (MeV)

MAT 3899

39-Y -80m

(n,γ)  
Radionuclide Production Cross Section



— 39-Y -80g  
- - - 39-Y -80m1

39-Y -80m

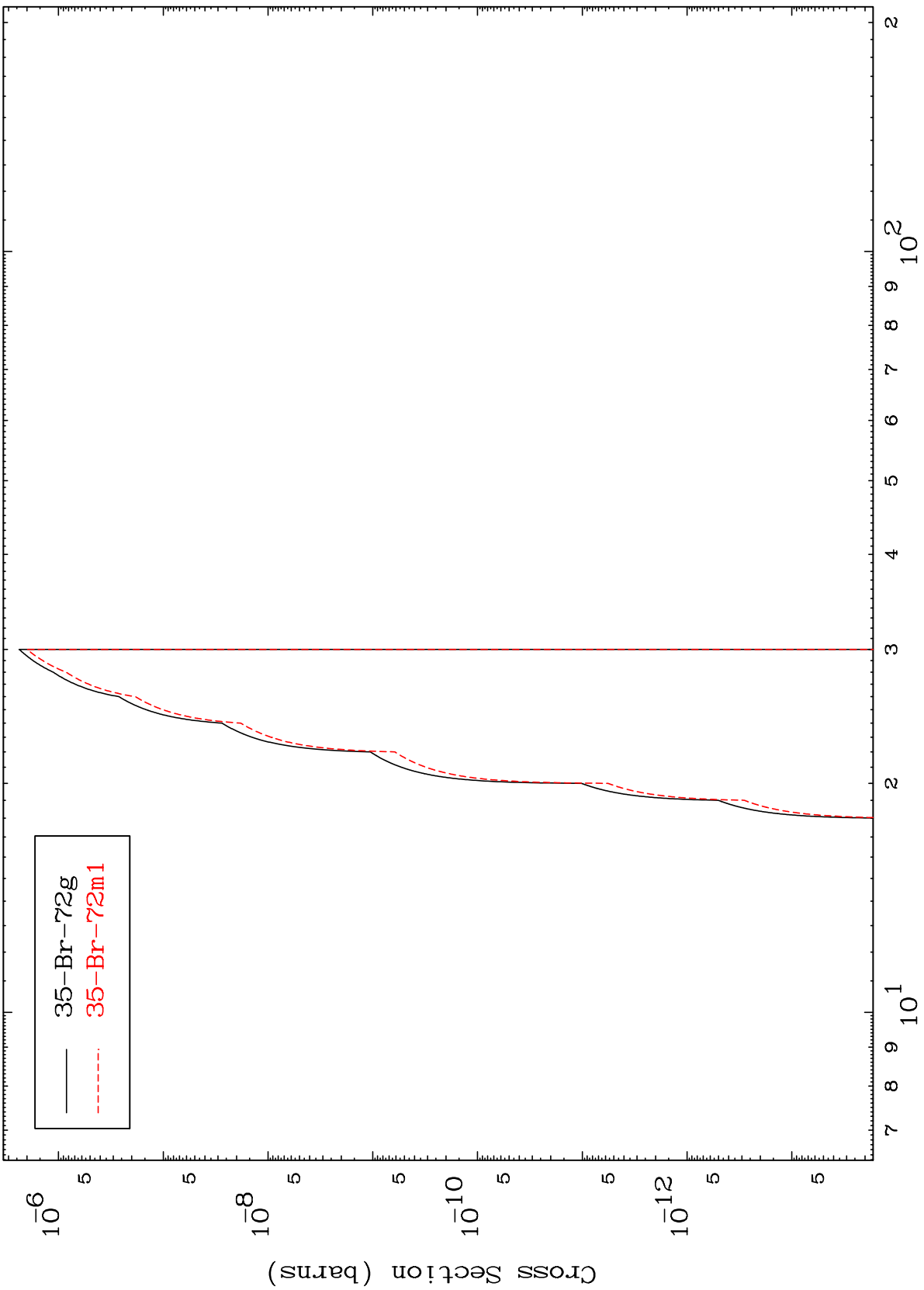
Incident Energy (MeV)

13

MAT 3899

39-Y -80m

Radionuclide Production Cross Section  
(n,2α)



— 35-Br-72g  
- - - 35-Br-72m1

14

Incident Energy (MeV)

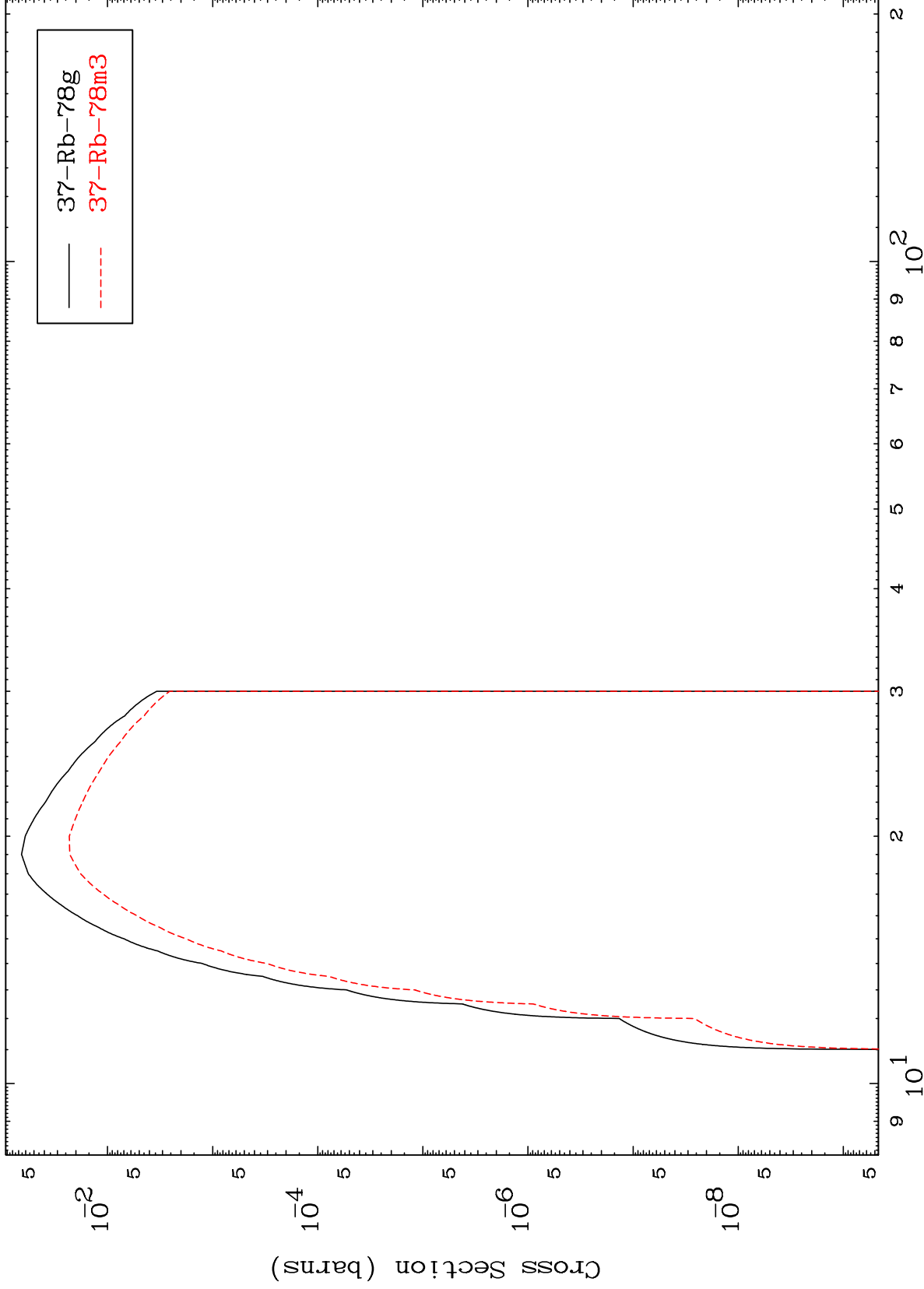
39-Y -80m

MAT 3899

(n,2p)

39-Y -80m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -80m