

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

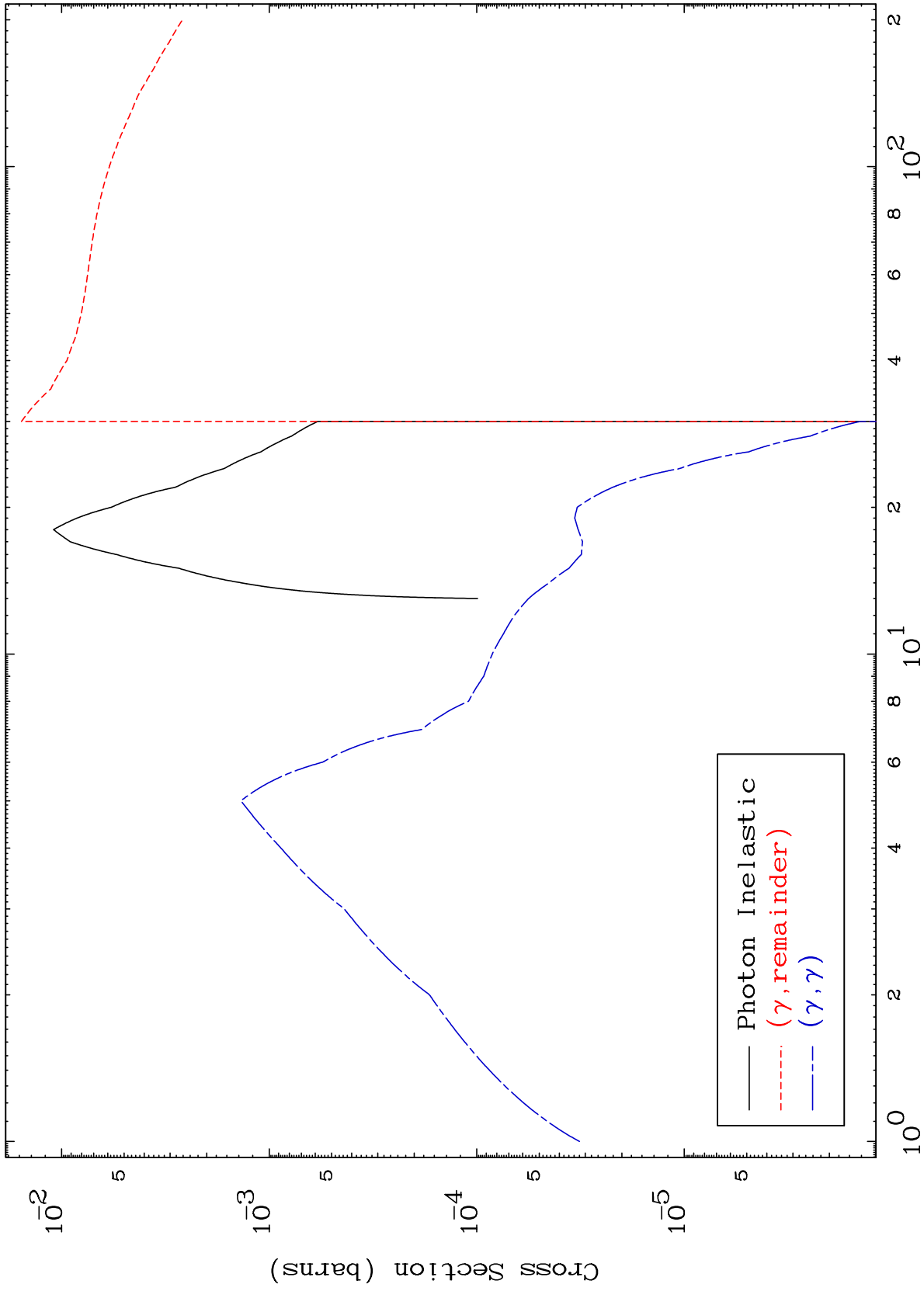
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3901

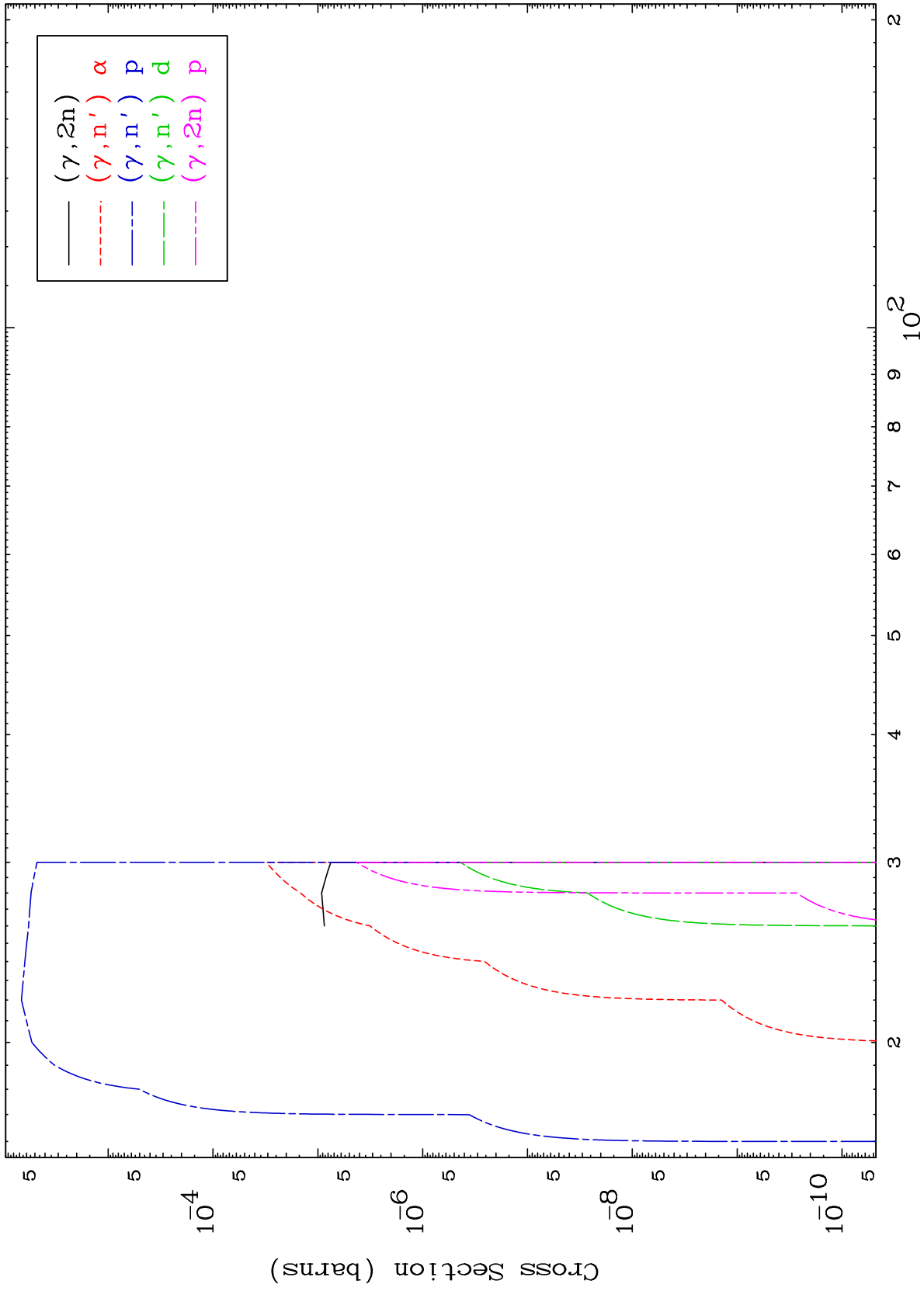
Photon Major  
0 Kelvin Cross Sections

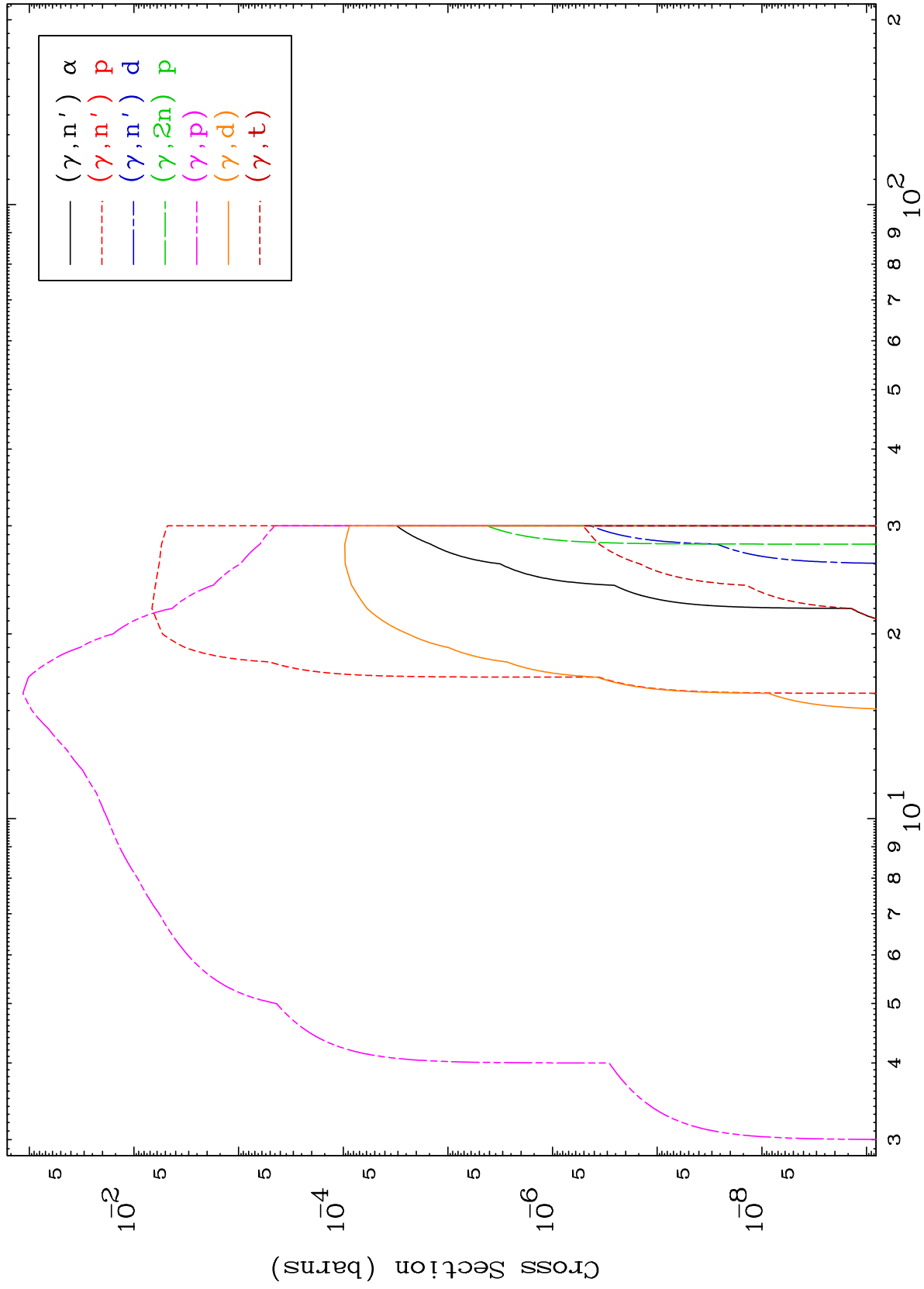
39-Y -81

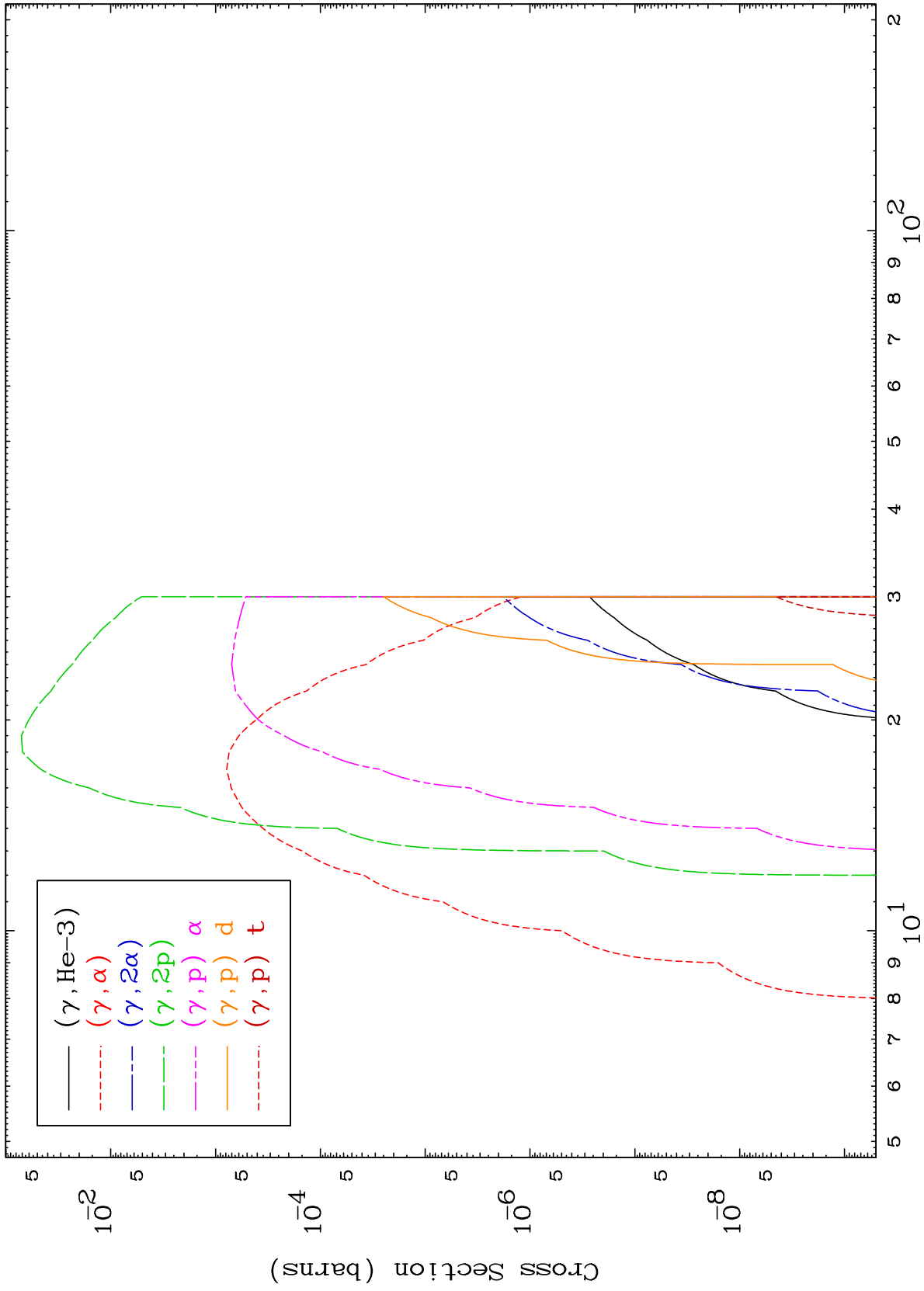


Incident Energy (MeV)

39-Y -81





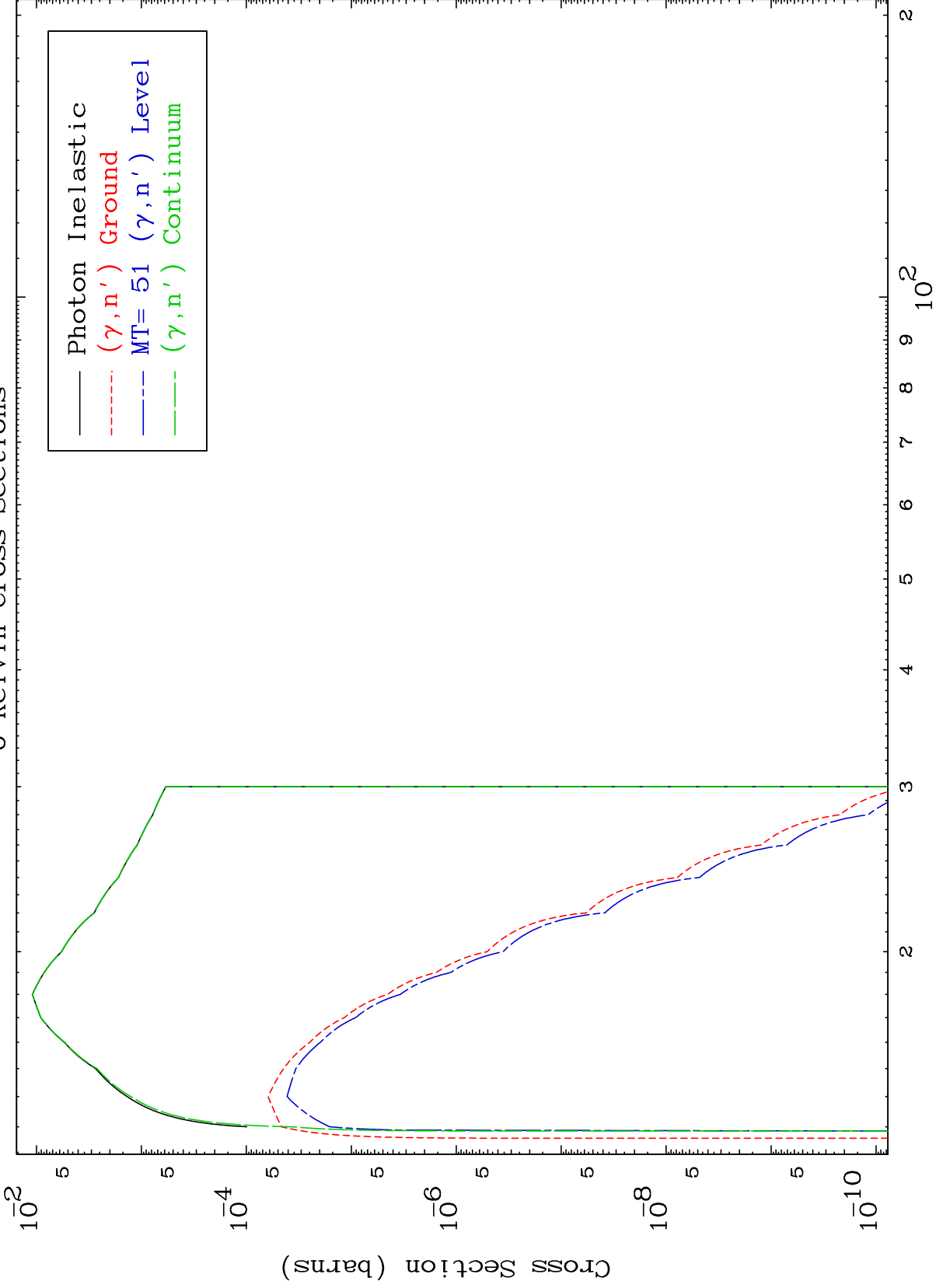


MAT 3901

$(\gamma, n')$  Level

39-Y -81

0 Kelvin Cross Sections



5

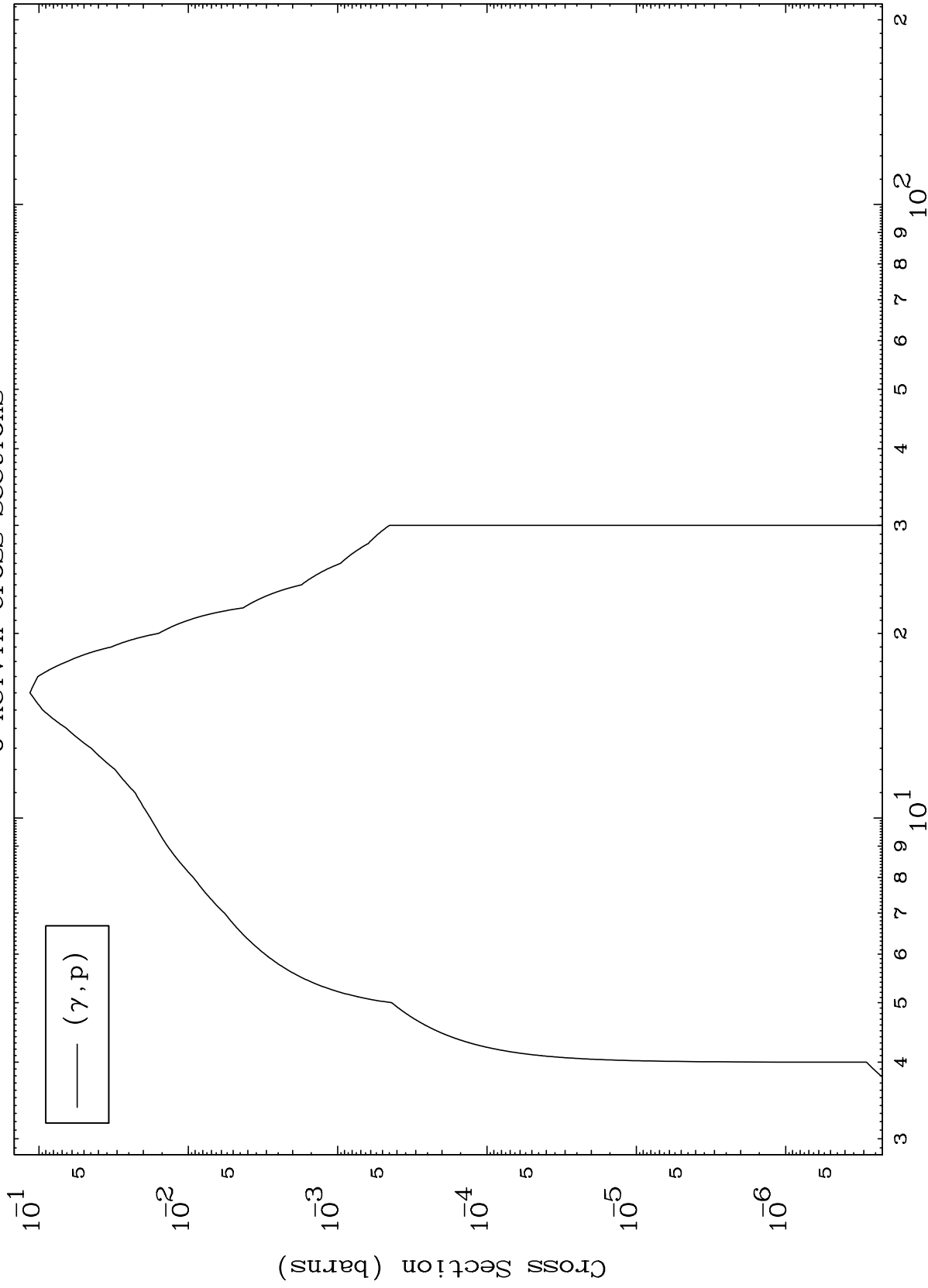
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



6

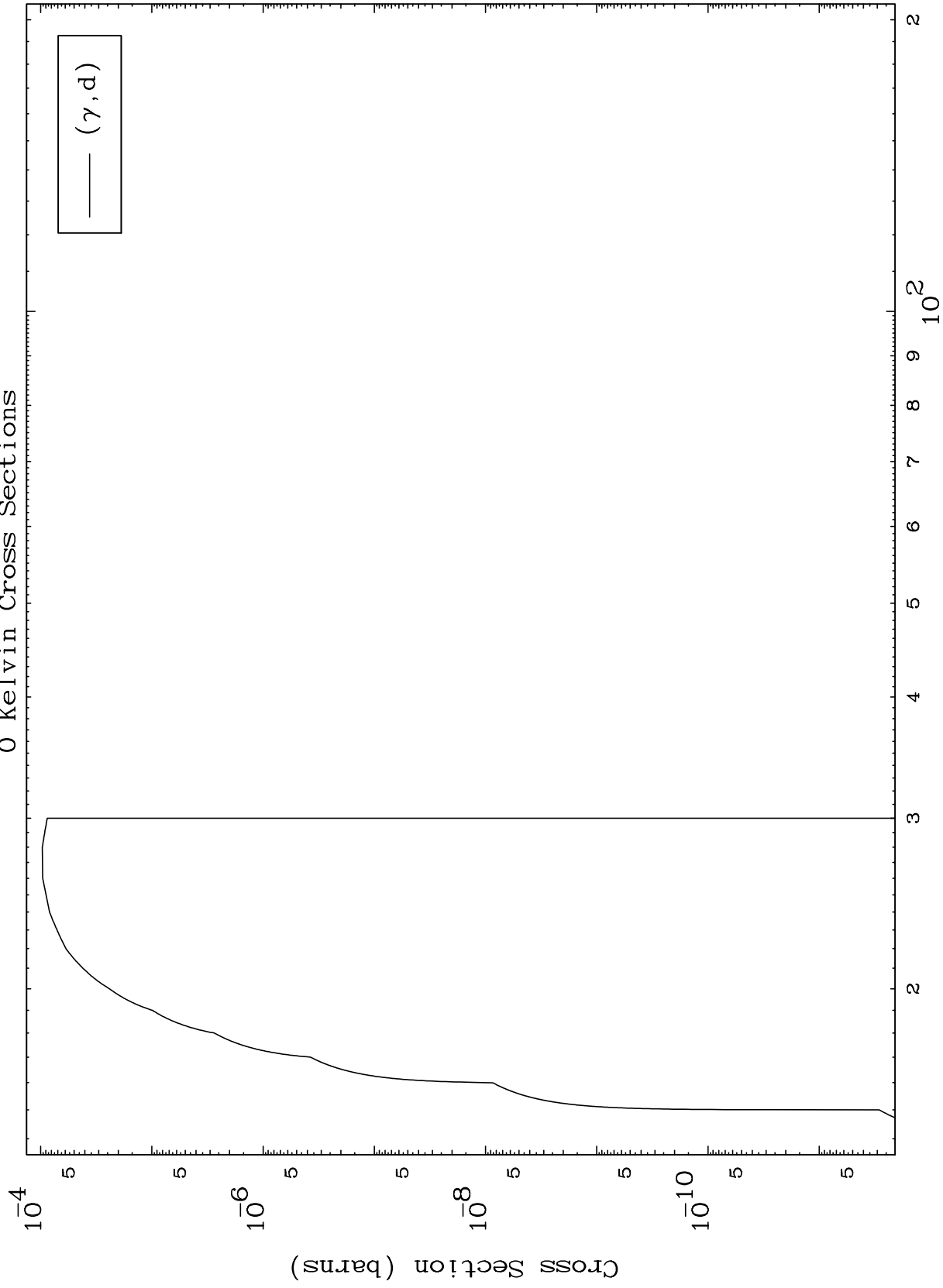
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



7

Incident Energy (MeV)

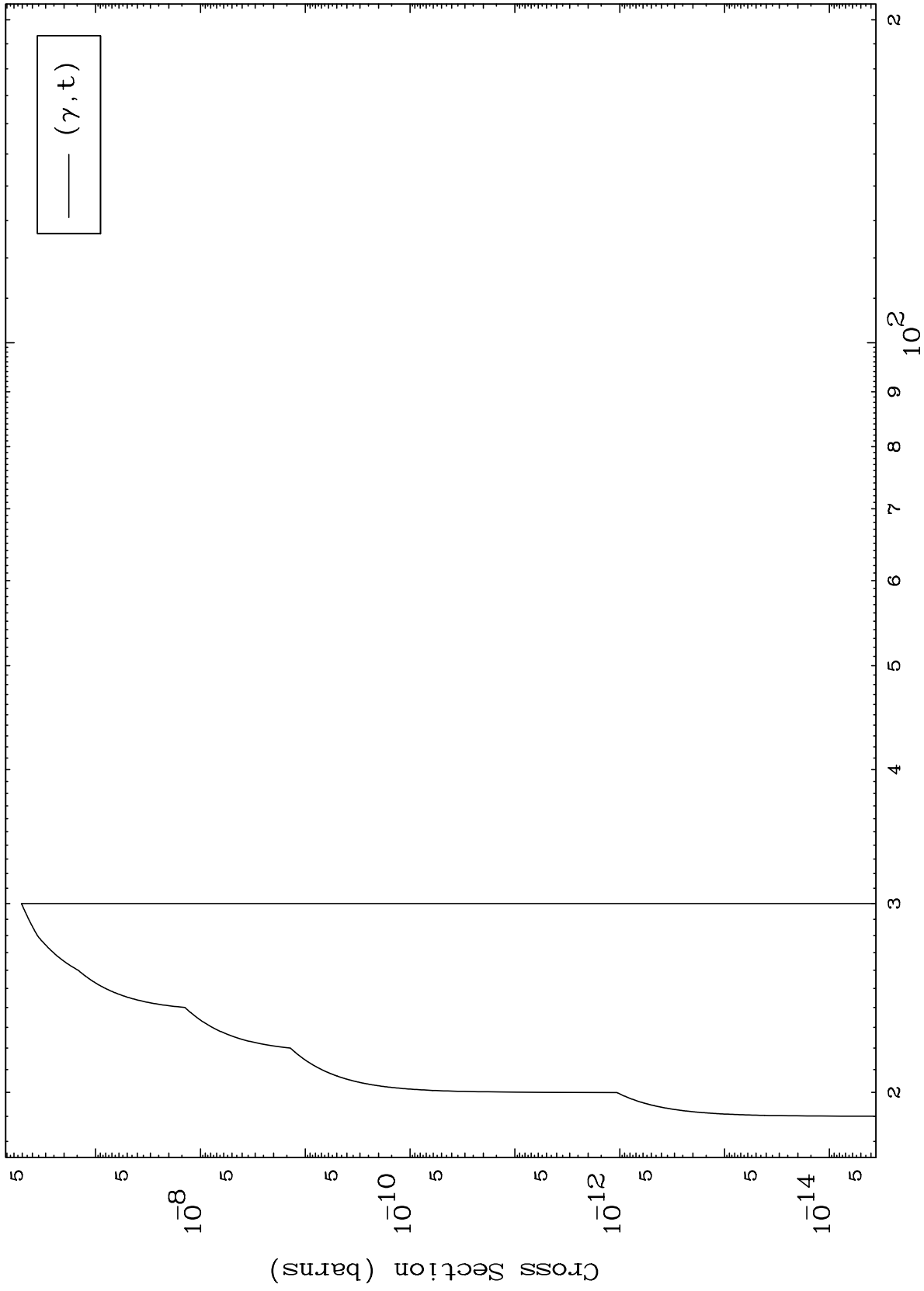
39-Y -81



MAT 3901

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

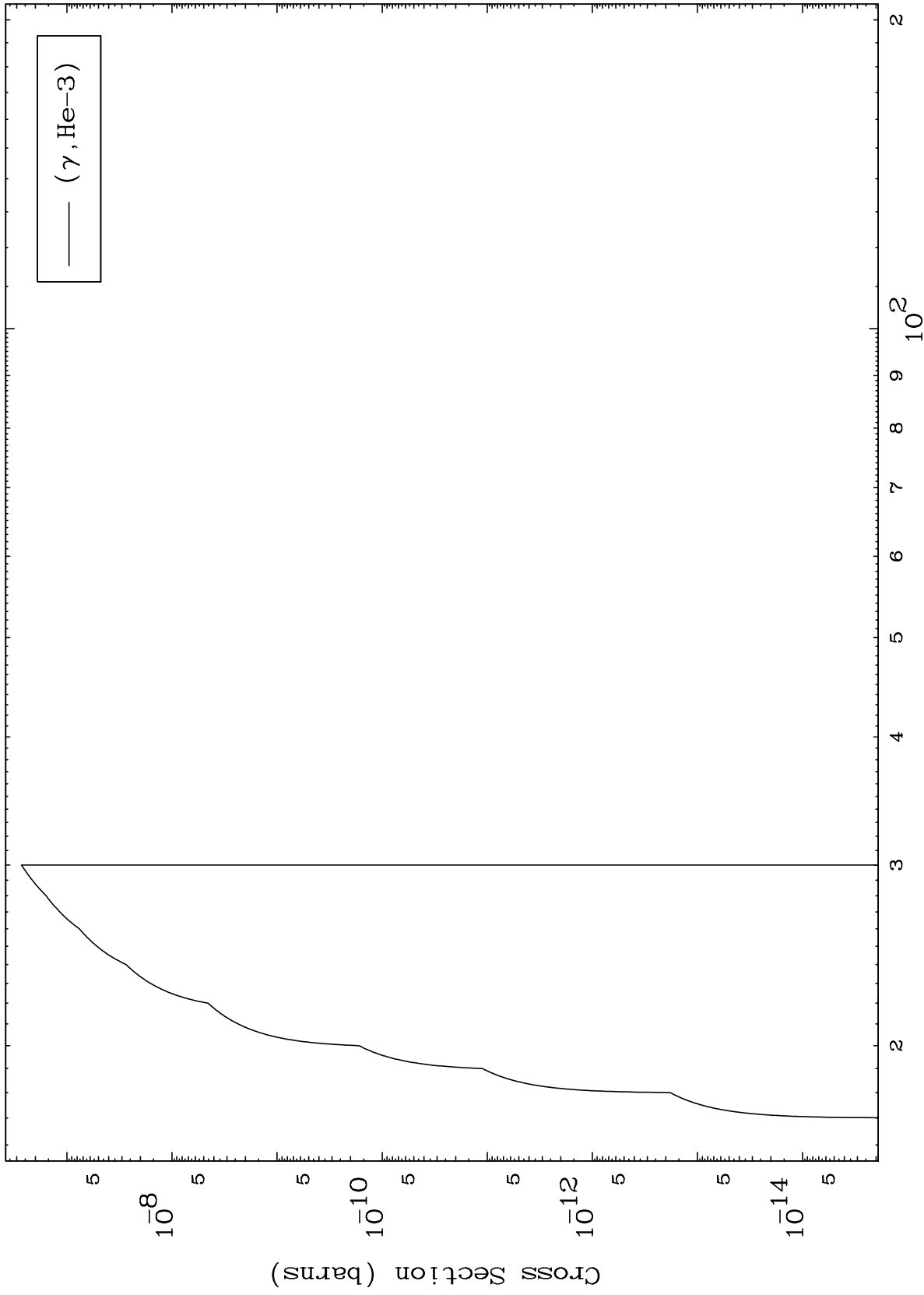
39-Y -81



8

Incident Energy (MeV)

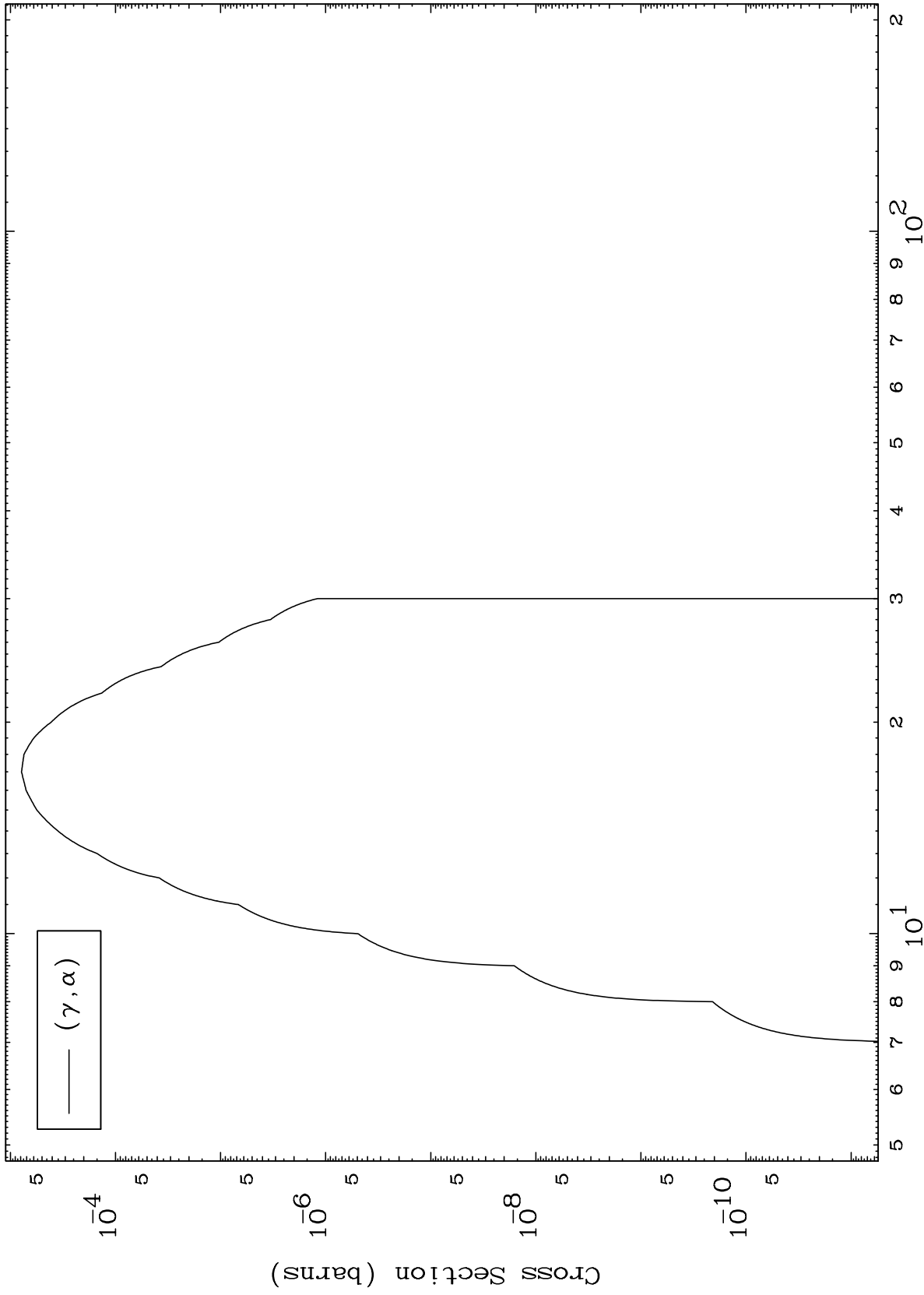
39-Y -81



MAT 3901

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

39-Y -81



10

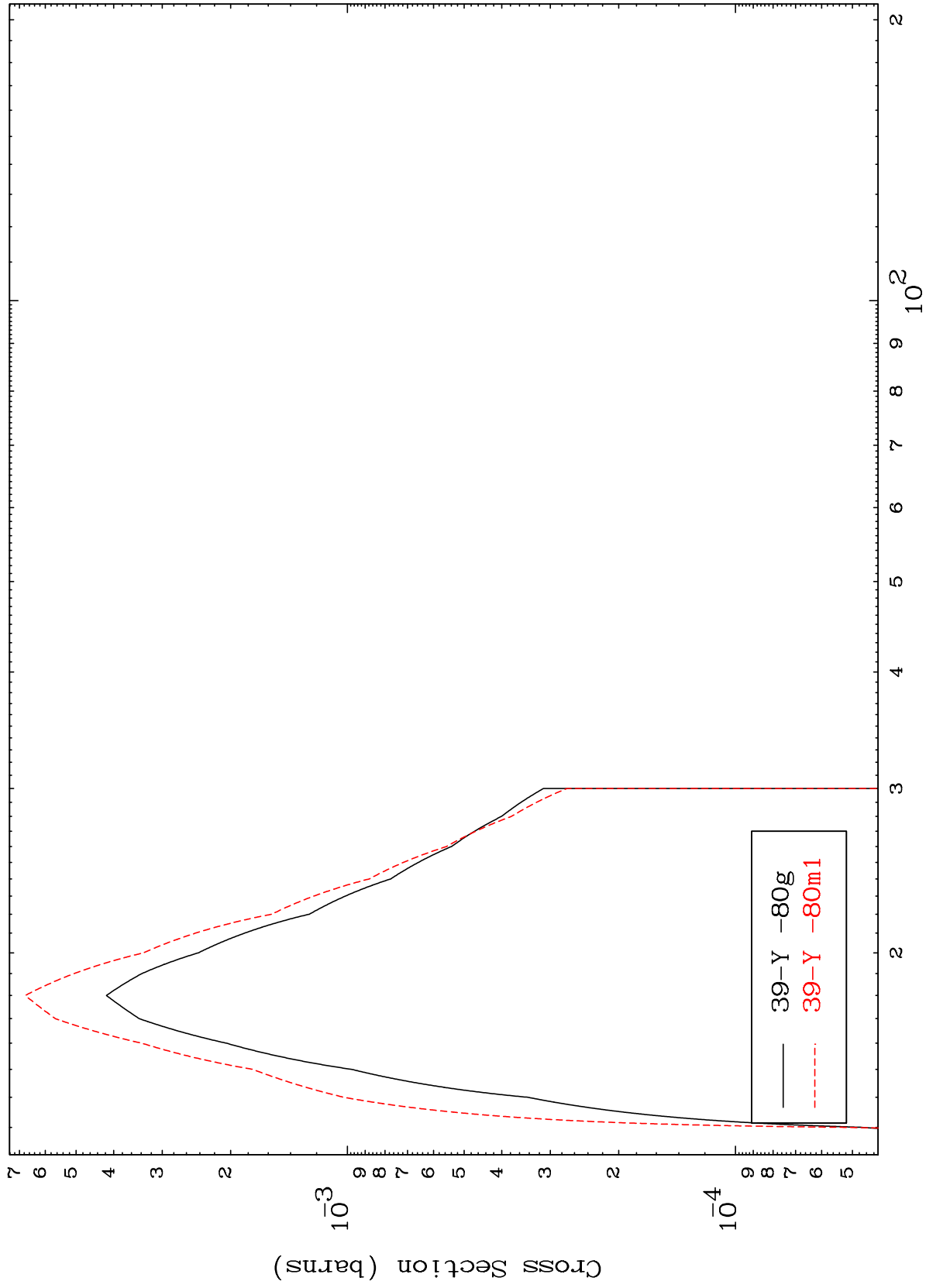
Incident Energy (MeV)

39-Y -81

MAT 3901

Photon Inelastic  
Radionuclide Production Cross Section

39-Y -81



11

Incident Energy (MeV)

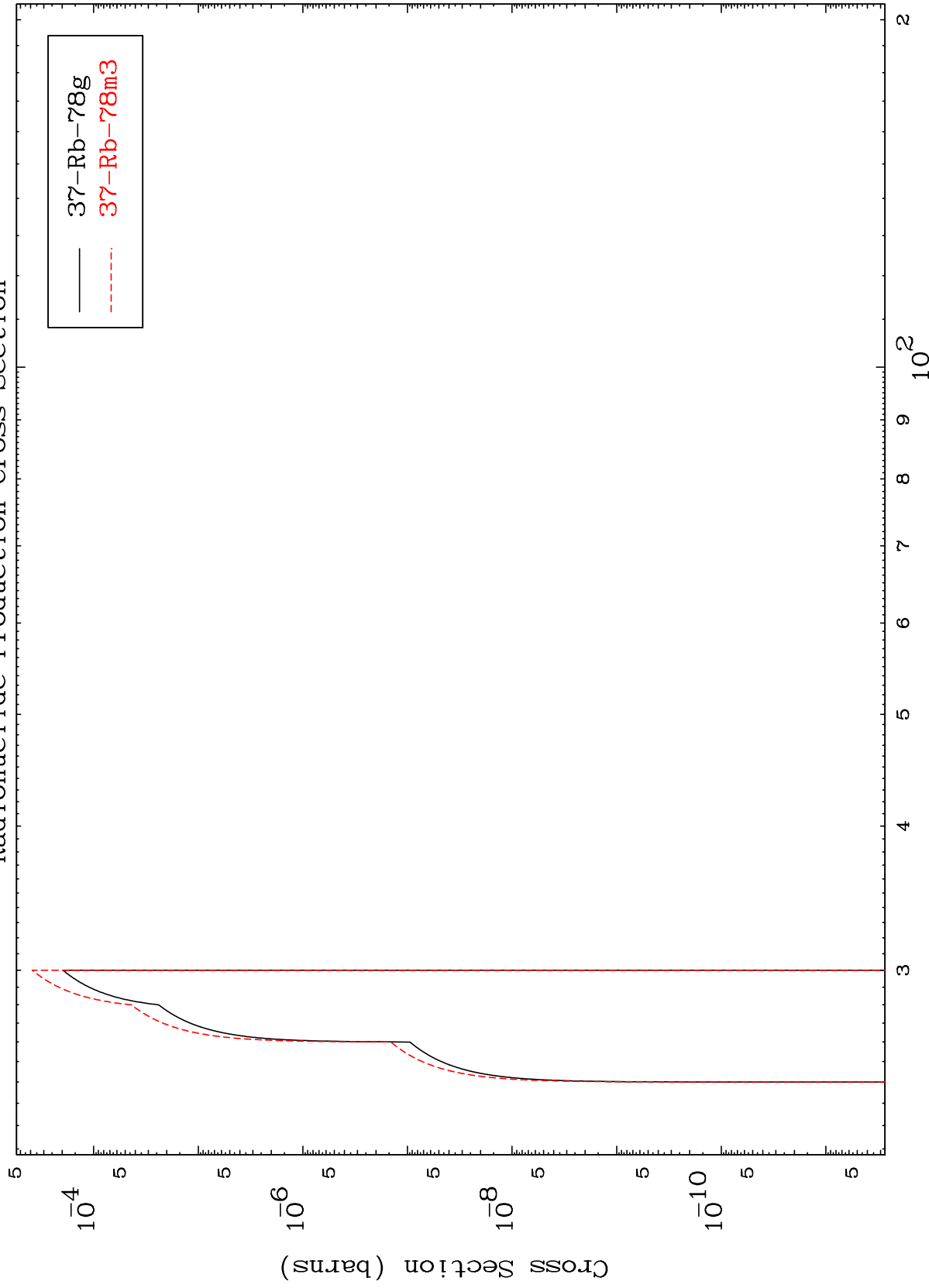
39-Y -81

MAT 3901

( $\gamma, 2n$ ) p

39-Y -81

Radionuclide Production Cross Section



12

Incident Energy (MeV)

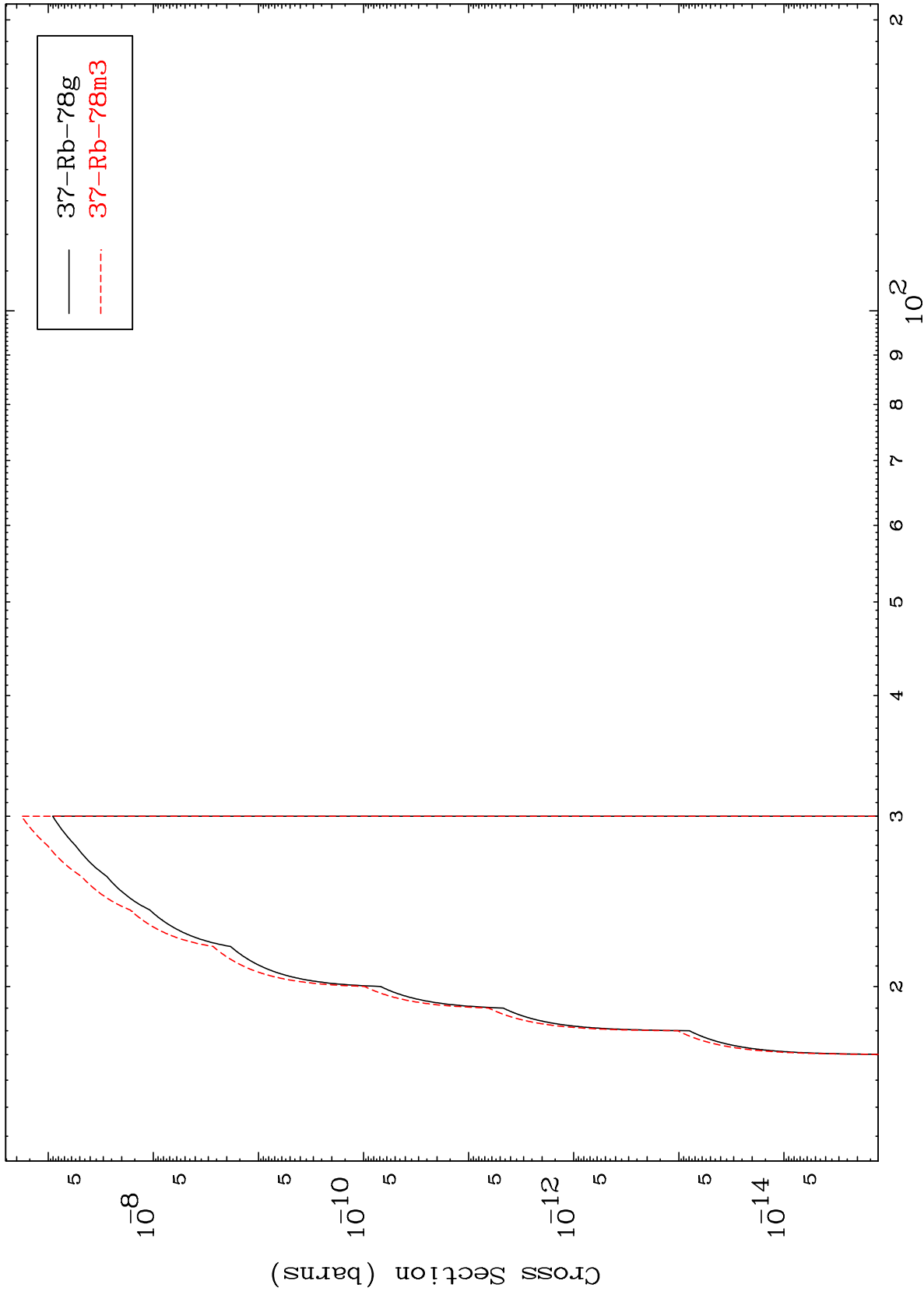
39-Y -81

MAT 3901

( $\gamma, \text{He-3}$ )

39-Y -81

Radionuclide Production Cross Section



13

Incident Energy (MeV)

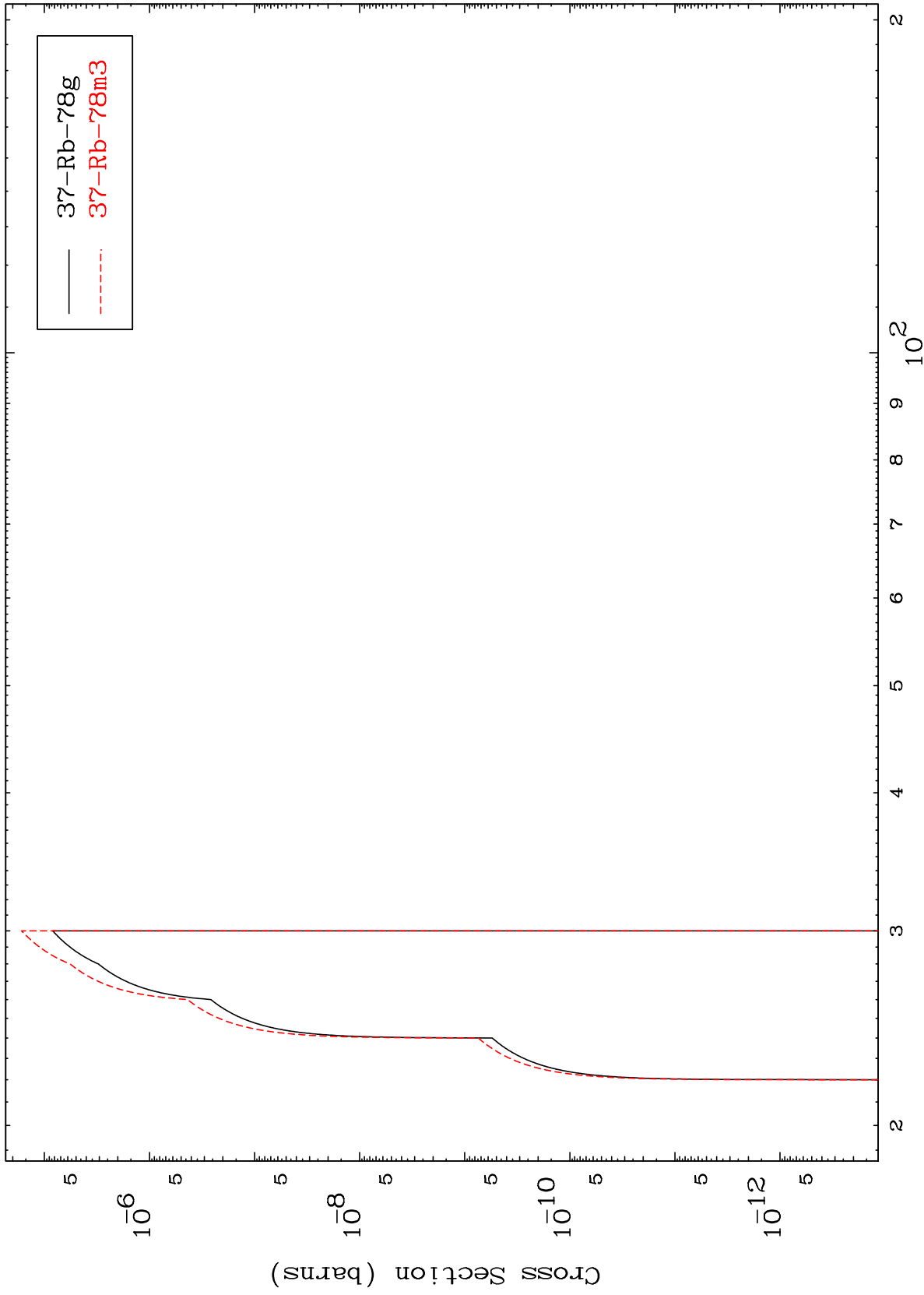
39-Y -81

MAT 3901

( $\gamma, p$ ) d

39-Y -81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

39-Y -81