

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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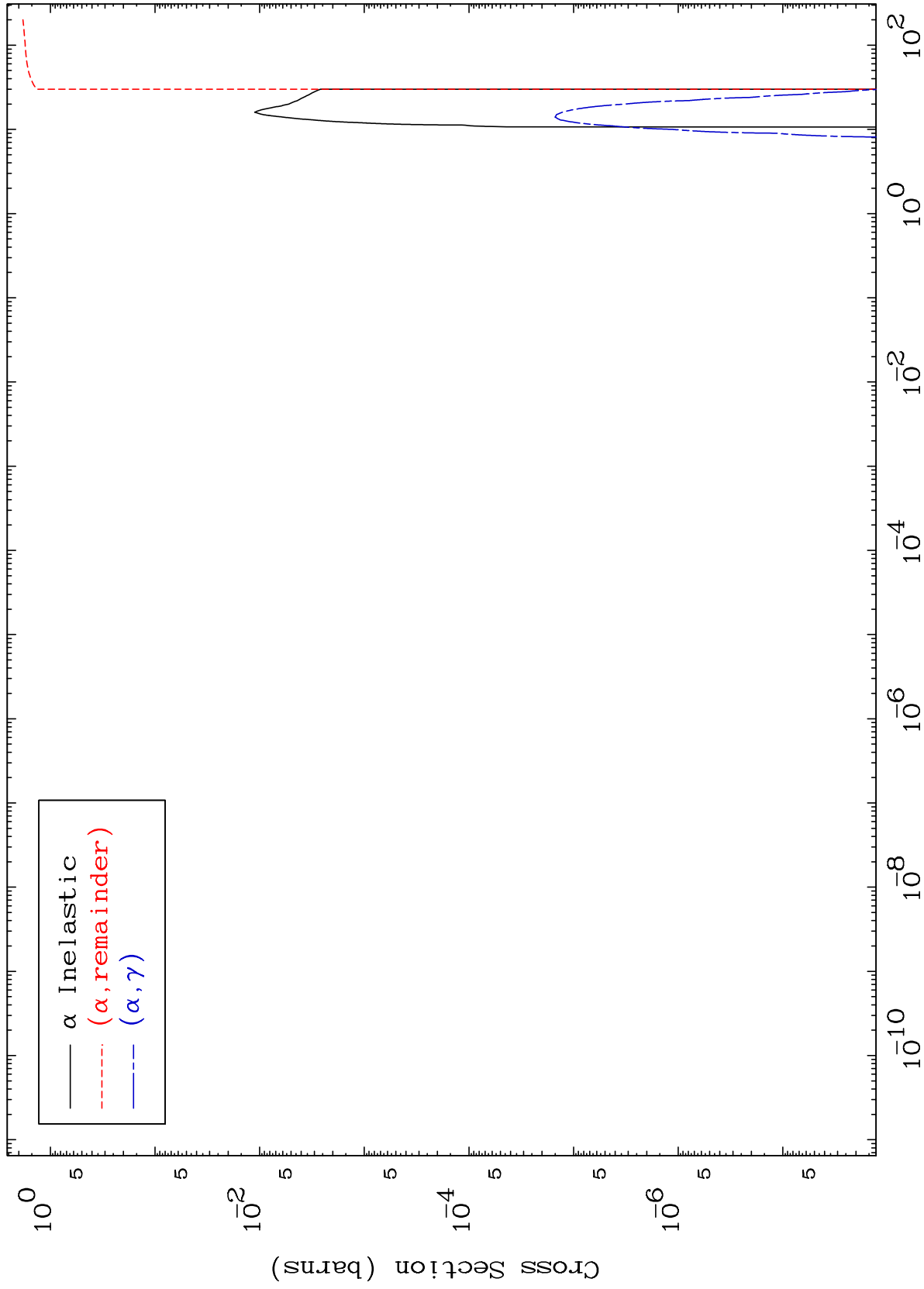
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

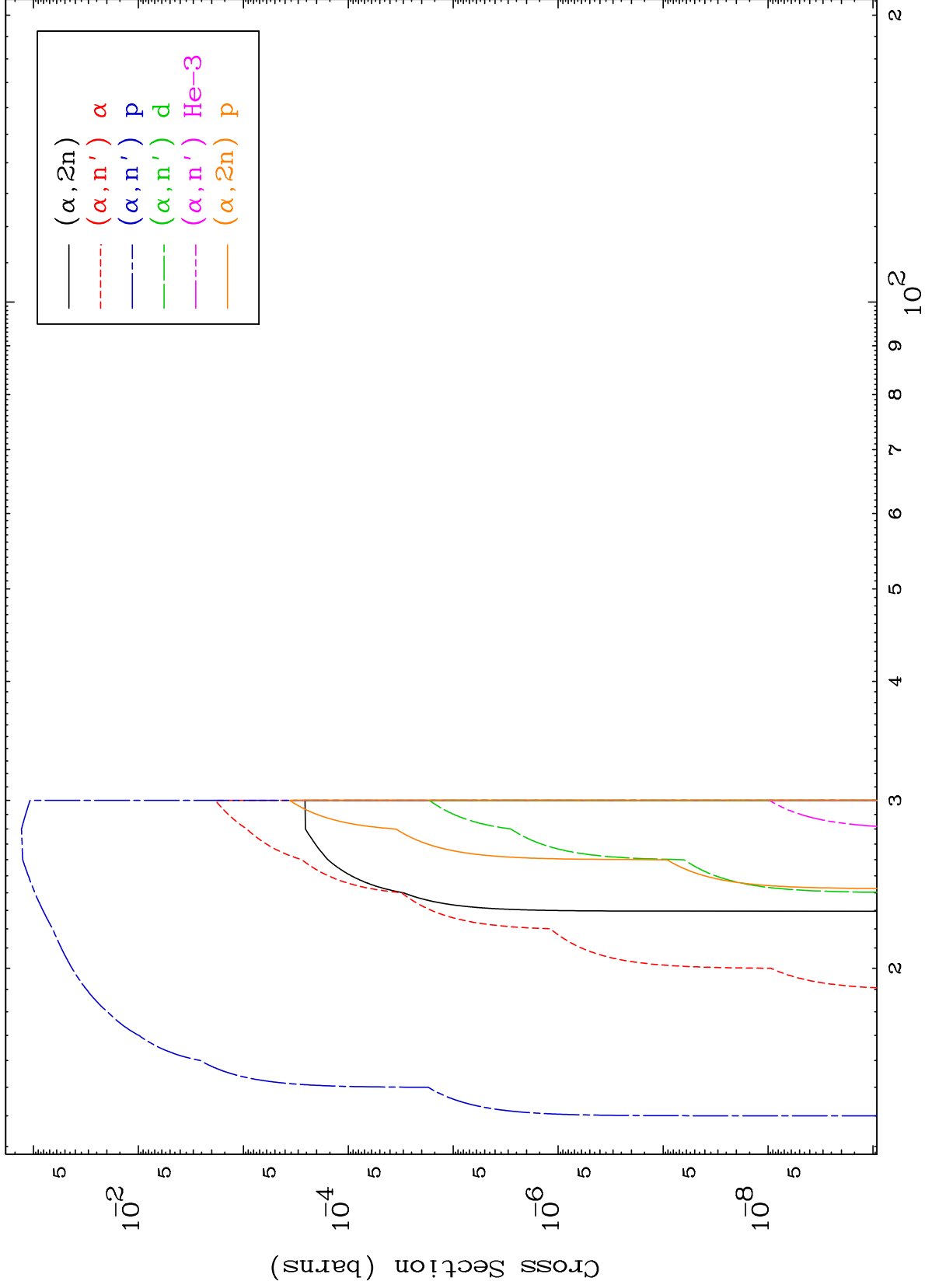
Press Mouse Button to Start

MAT 3901

0 Kelvin  $\alpha$  Major  
Cross Sections

39-Y -81

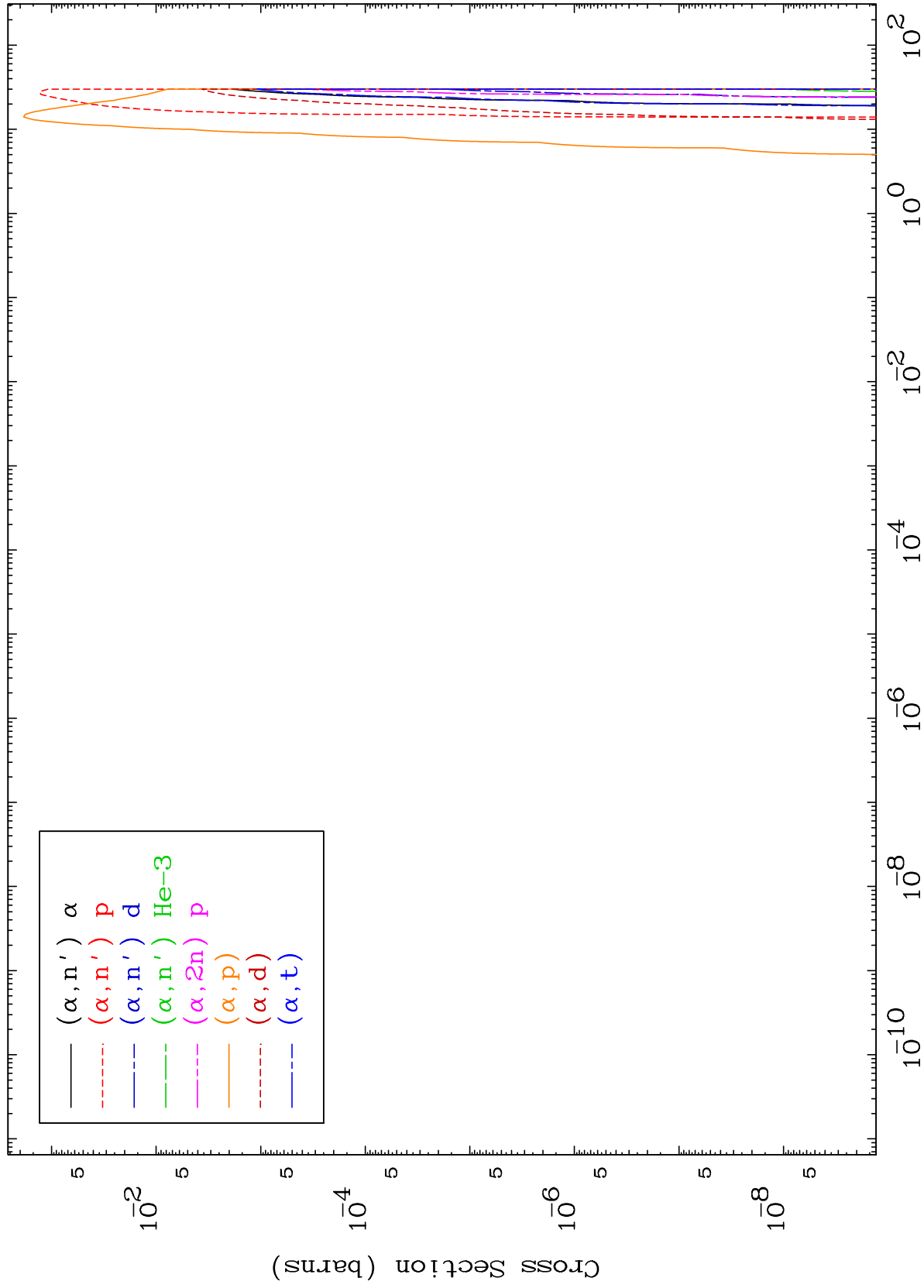




MAT 3901

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

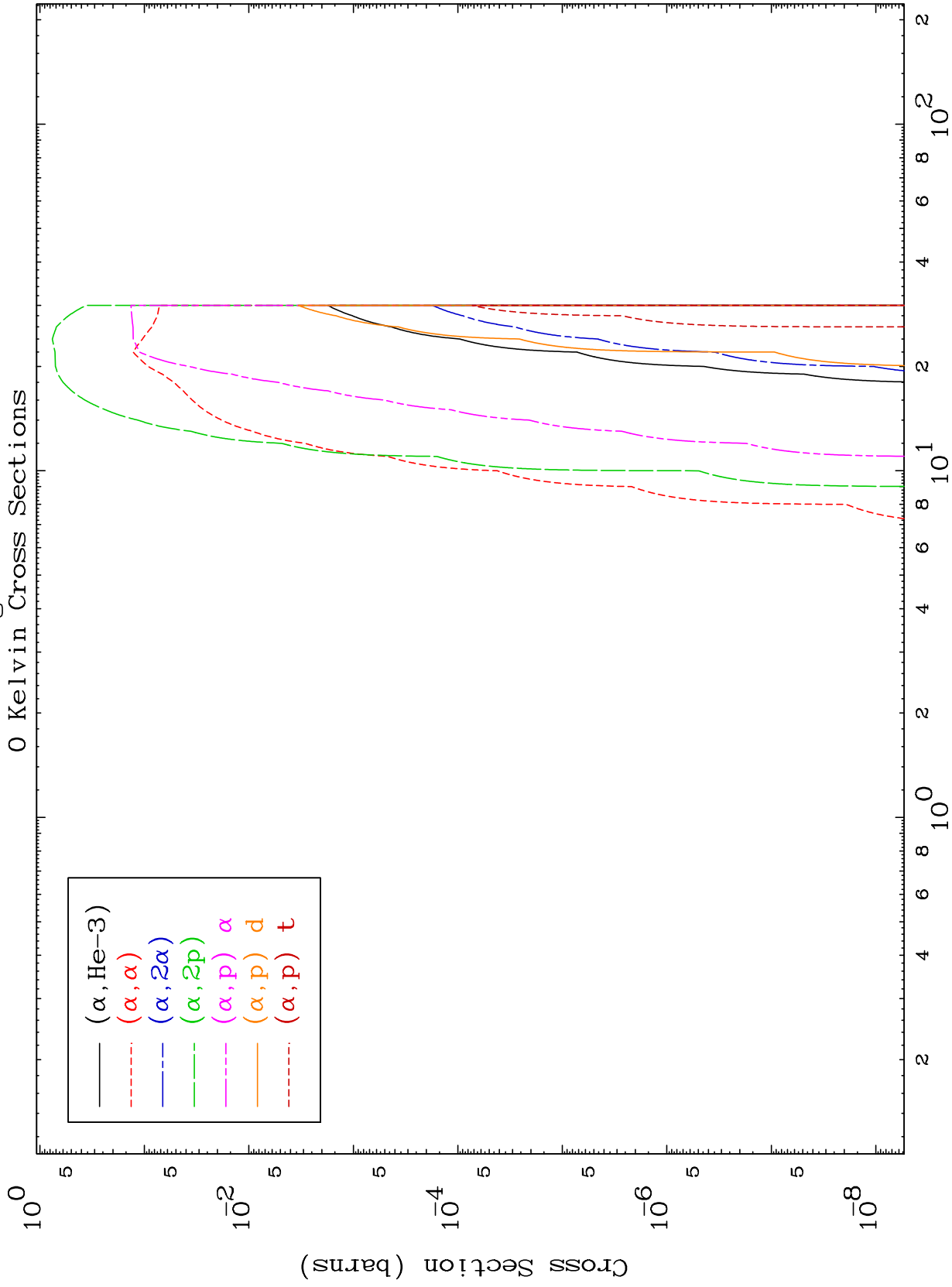
39-Y -81



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Incident Energy (MeV)

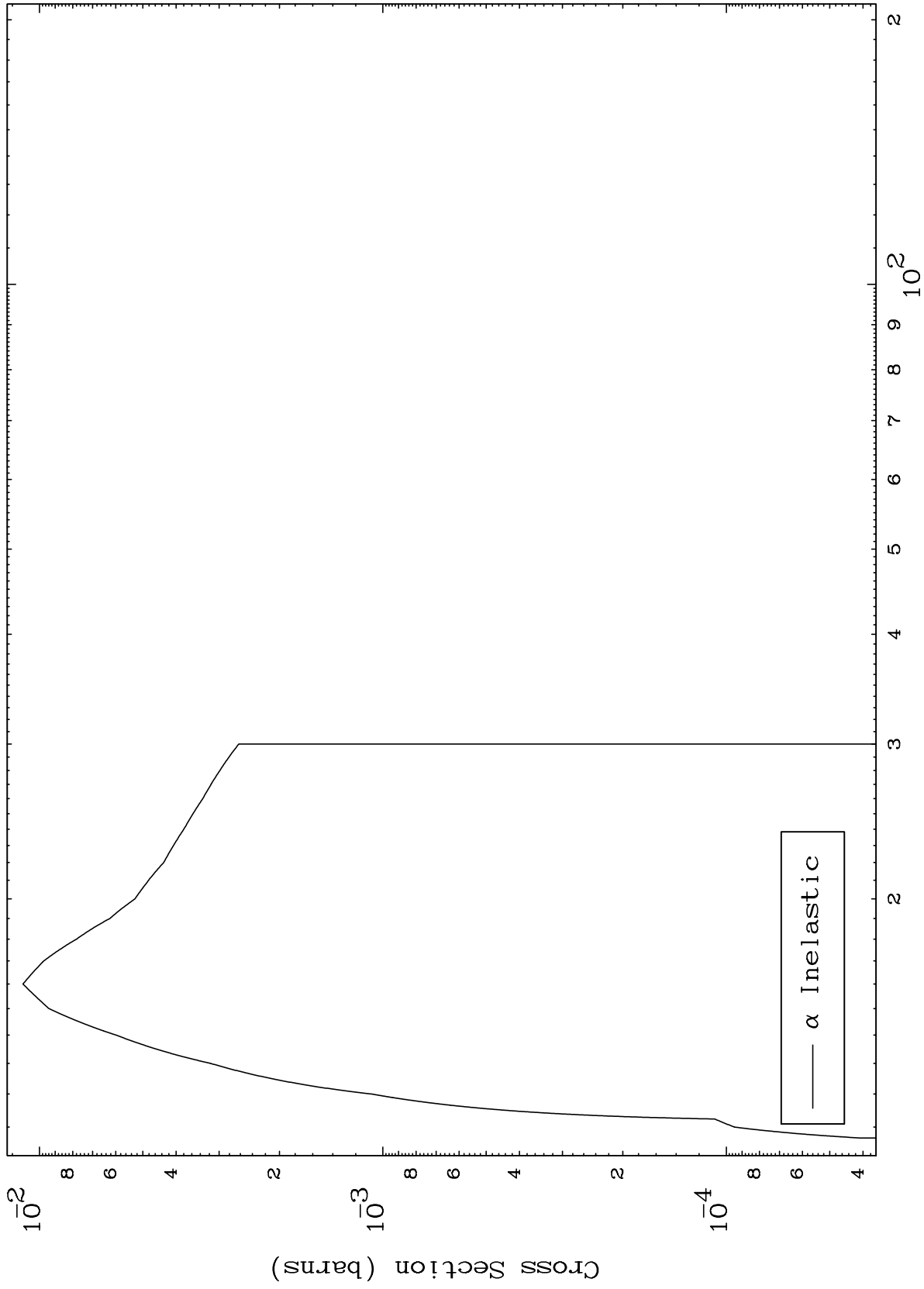
39-Y -81



MAT 3901

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

39-Y -81



5

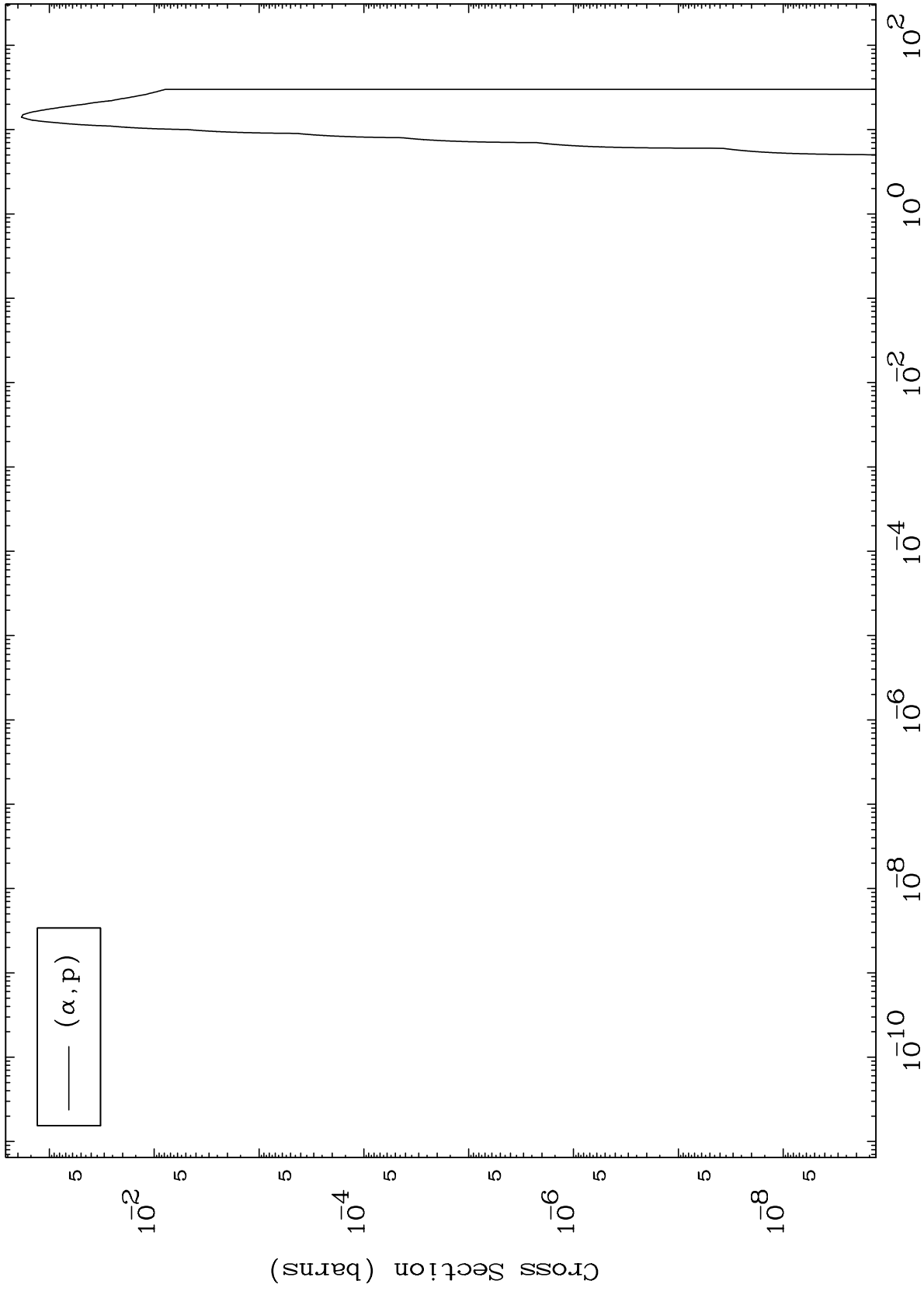
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



6

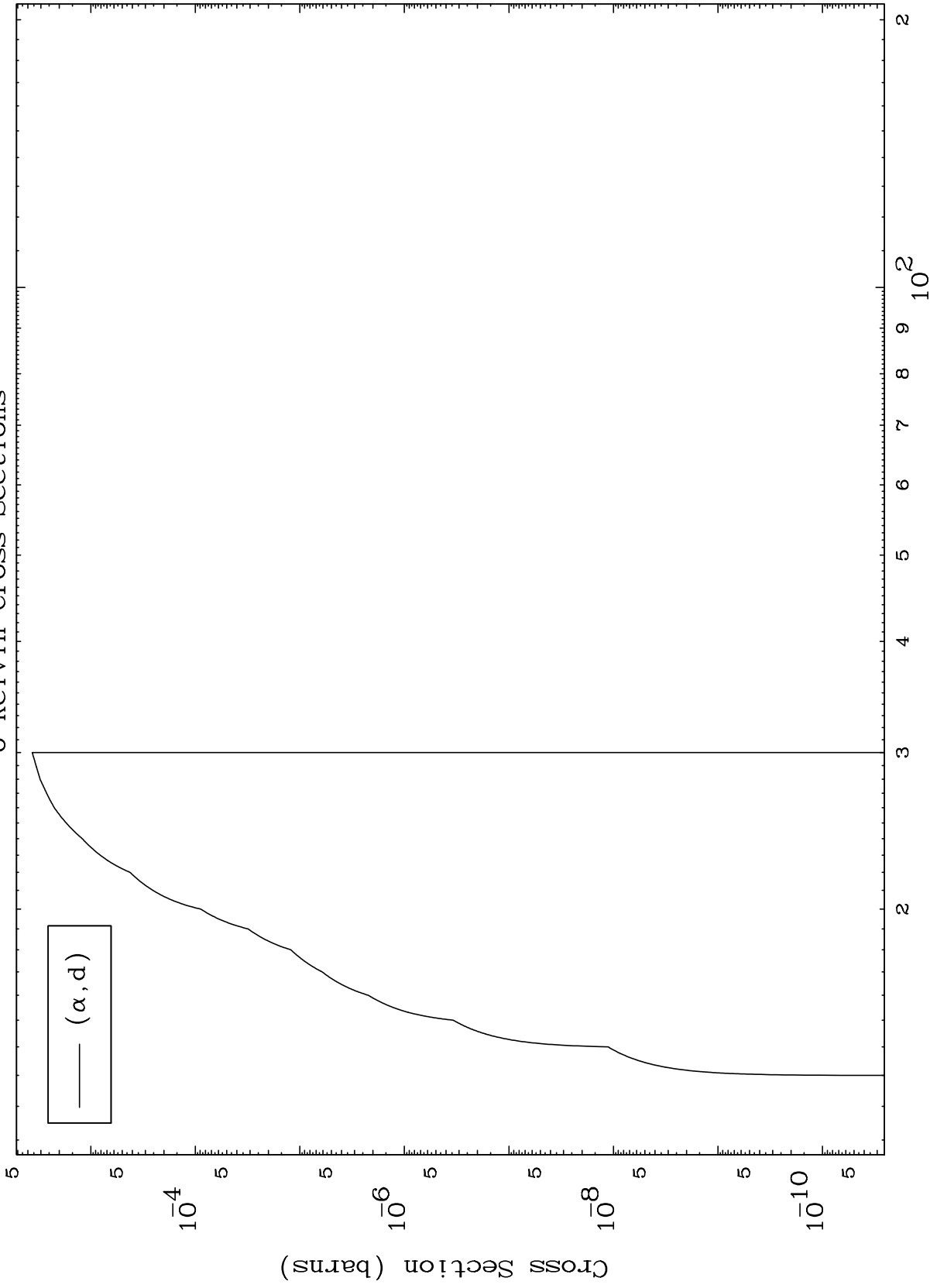
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



7

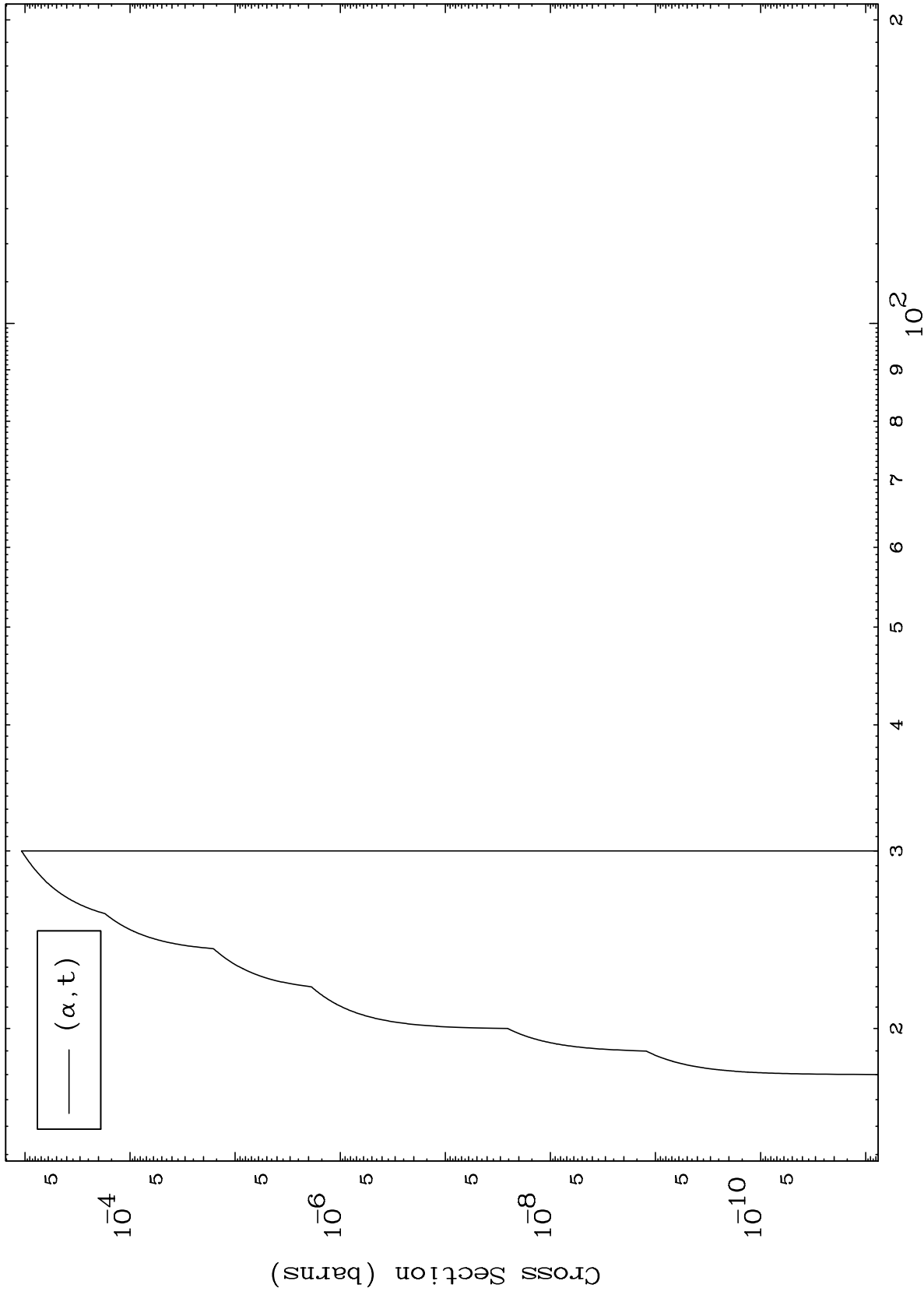
Incident Energy (MeV)

39-Y -81

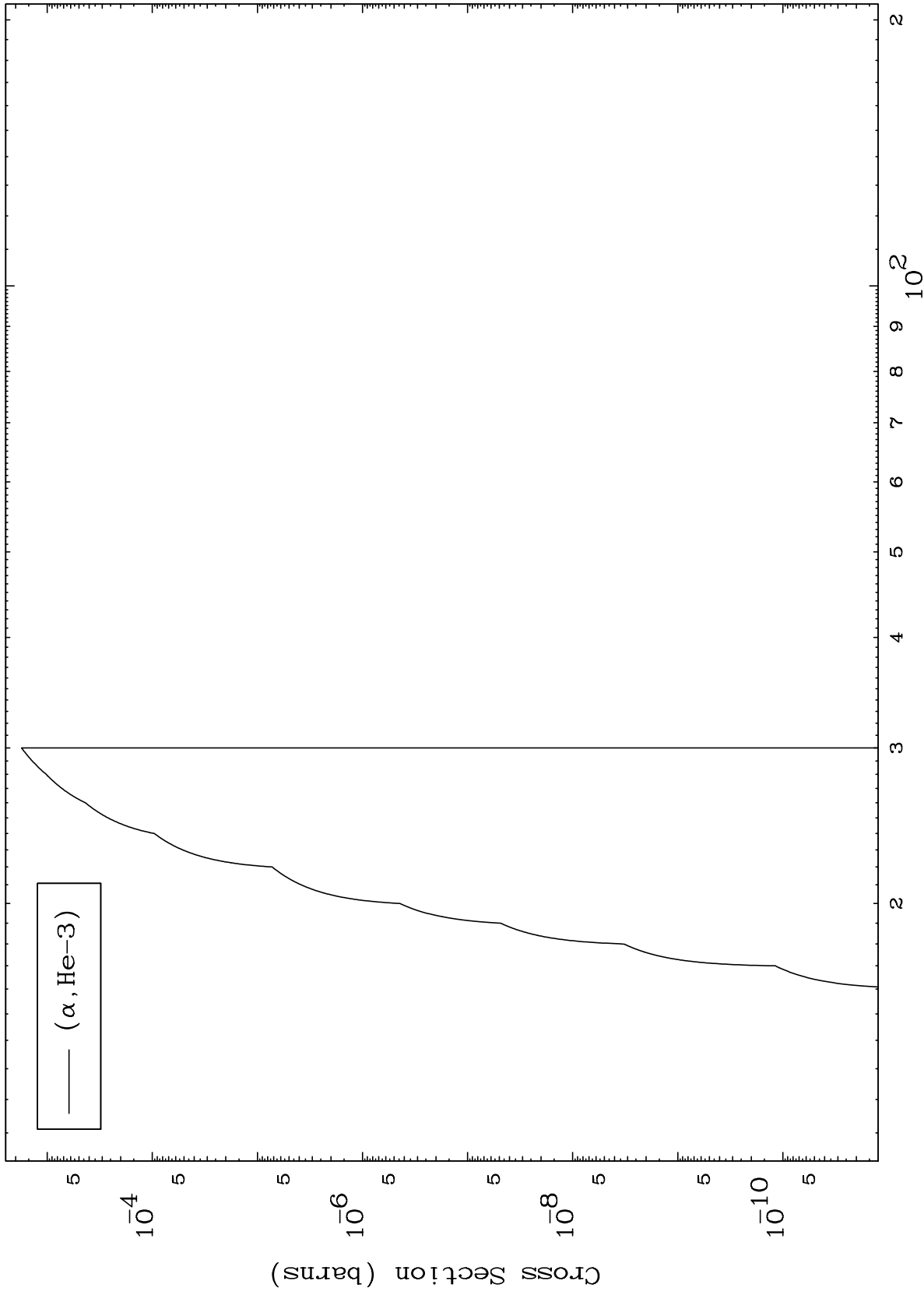
MAT 3901

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

39-Y -81



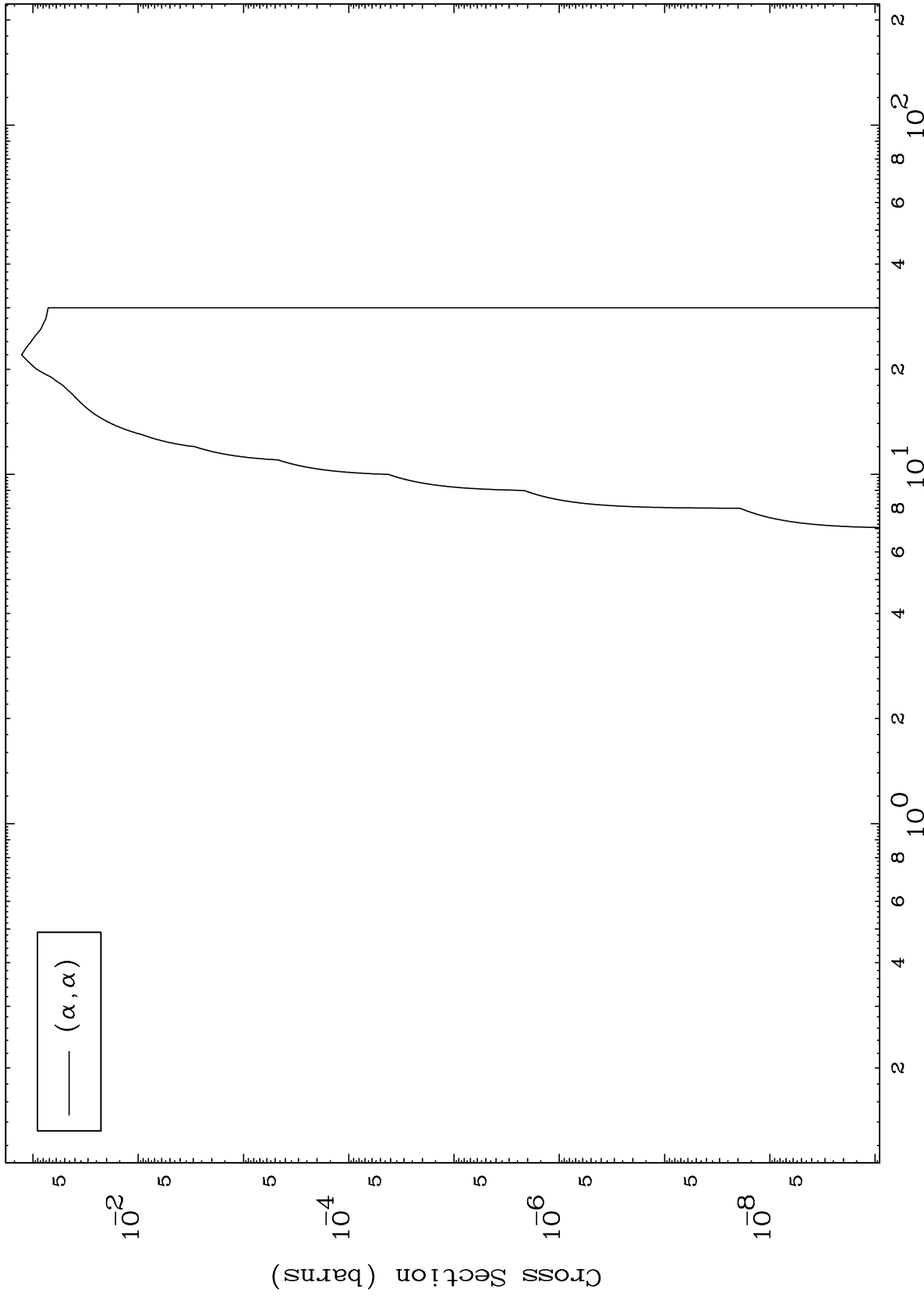
8



MAT 3901

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

39-Y -81



10

Incident Energy (MeV)

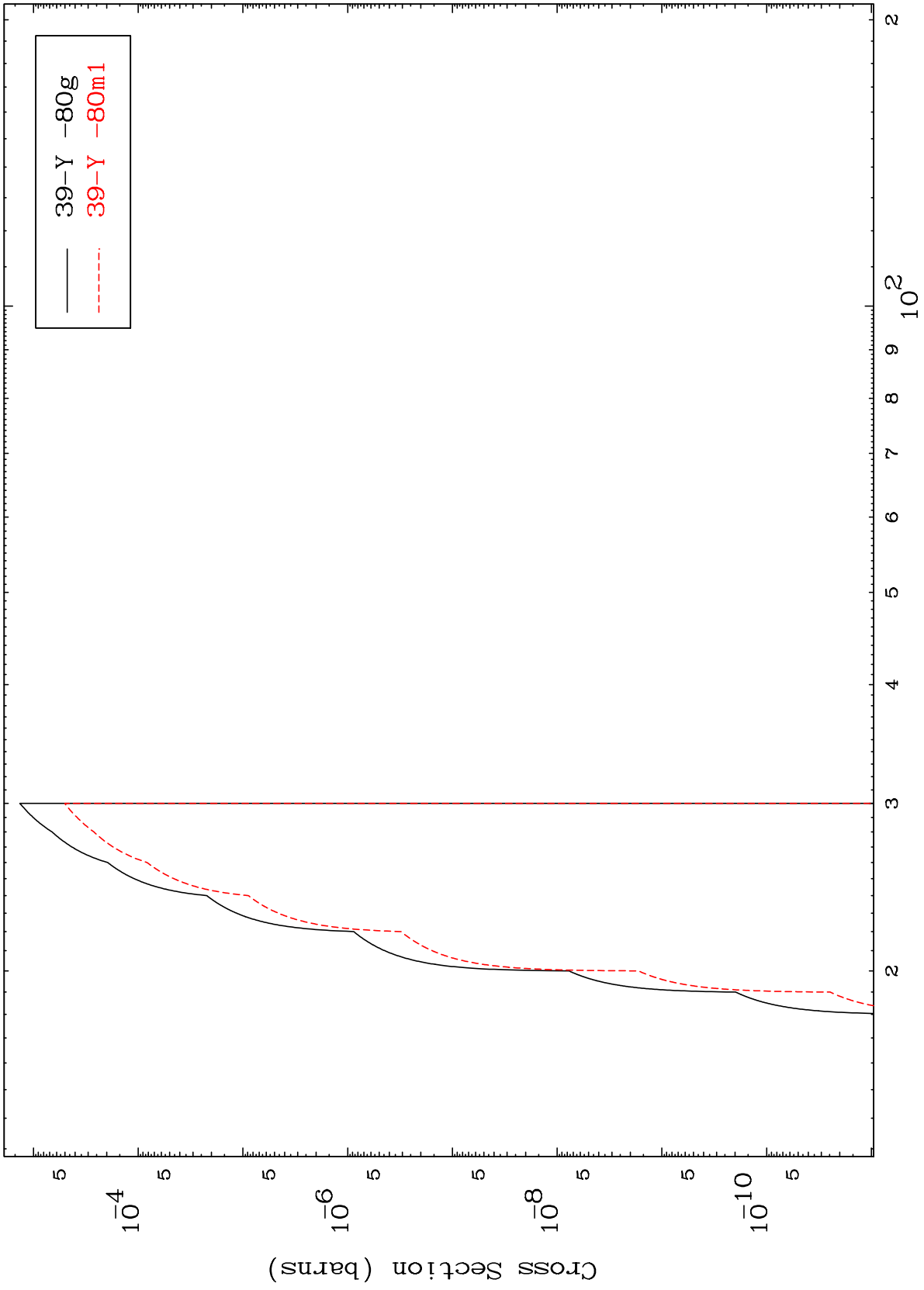
39-Y -81

MAT 3901

$(\alpha, n')$   $\alpha$

39-Y -81

Radionuclide Production Cross Section



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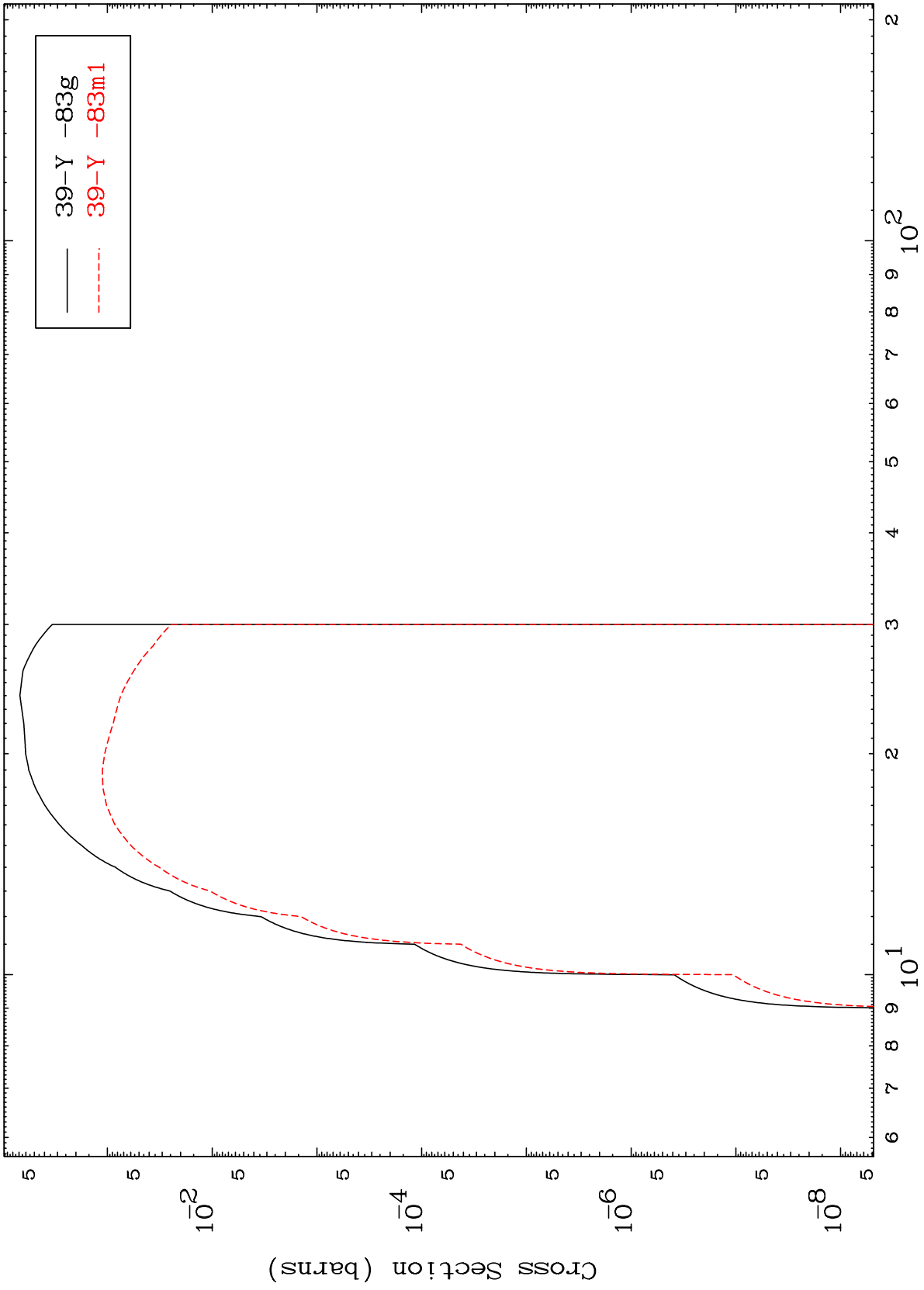
Incident Energy (MeV)

39-Y -81

MAT 3901

39-Y -81

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

39-Y -81