

Program EVALPLOT  
(Version 2021-1)

by

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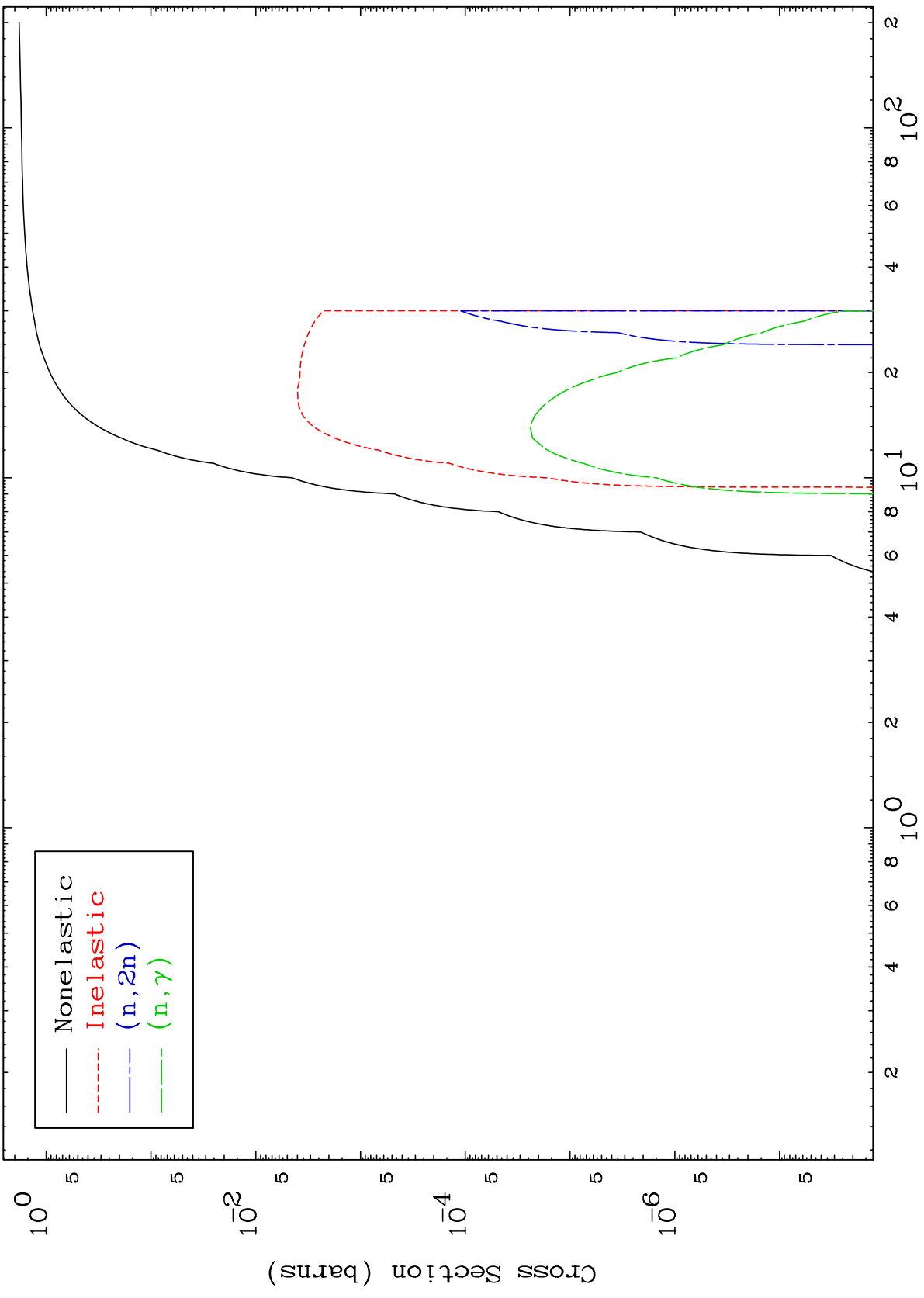
Press Mouse Button to Start

MAT 3899

$\alpha$  Major

39-Y -80m

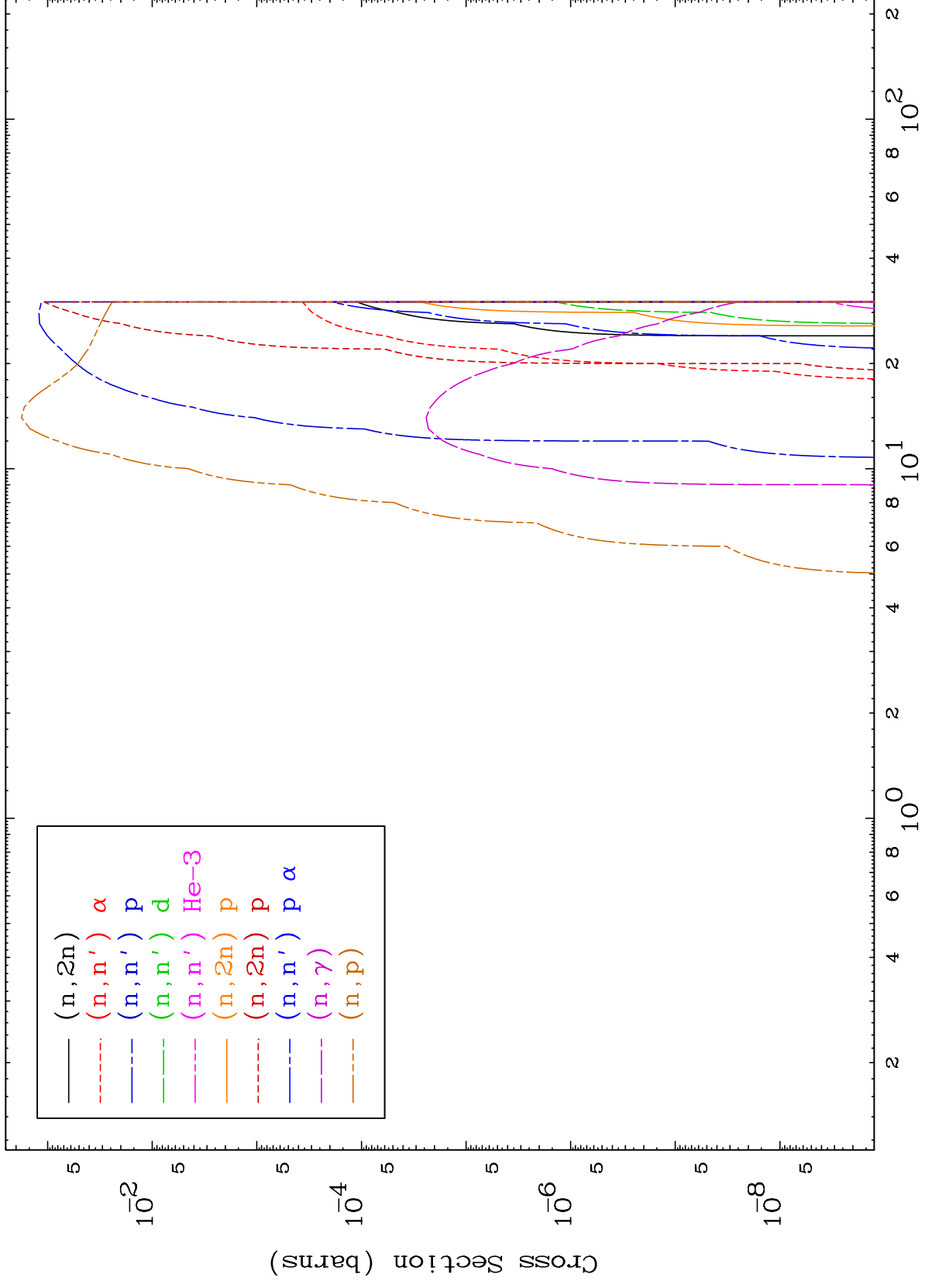
0 Kelvin Cross Sections



MAT 3899

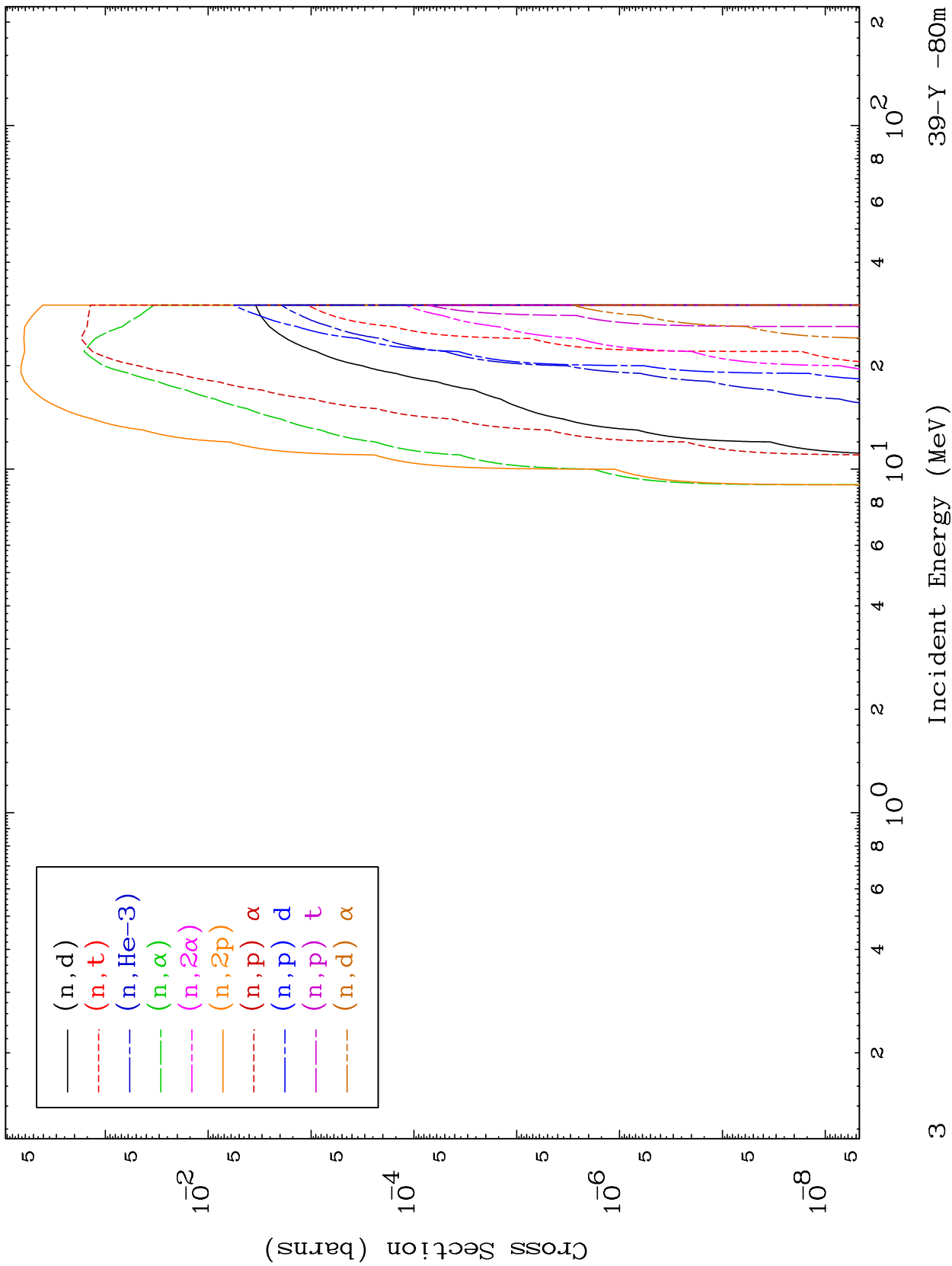
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

39-Y -80m



Incident Energy (MeV)

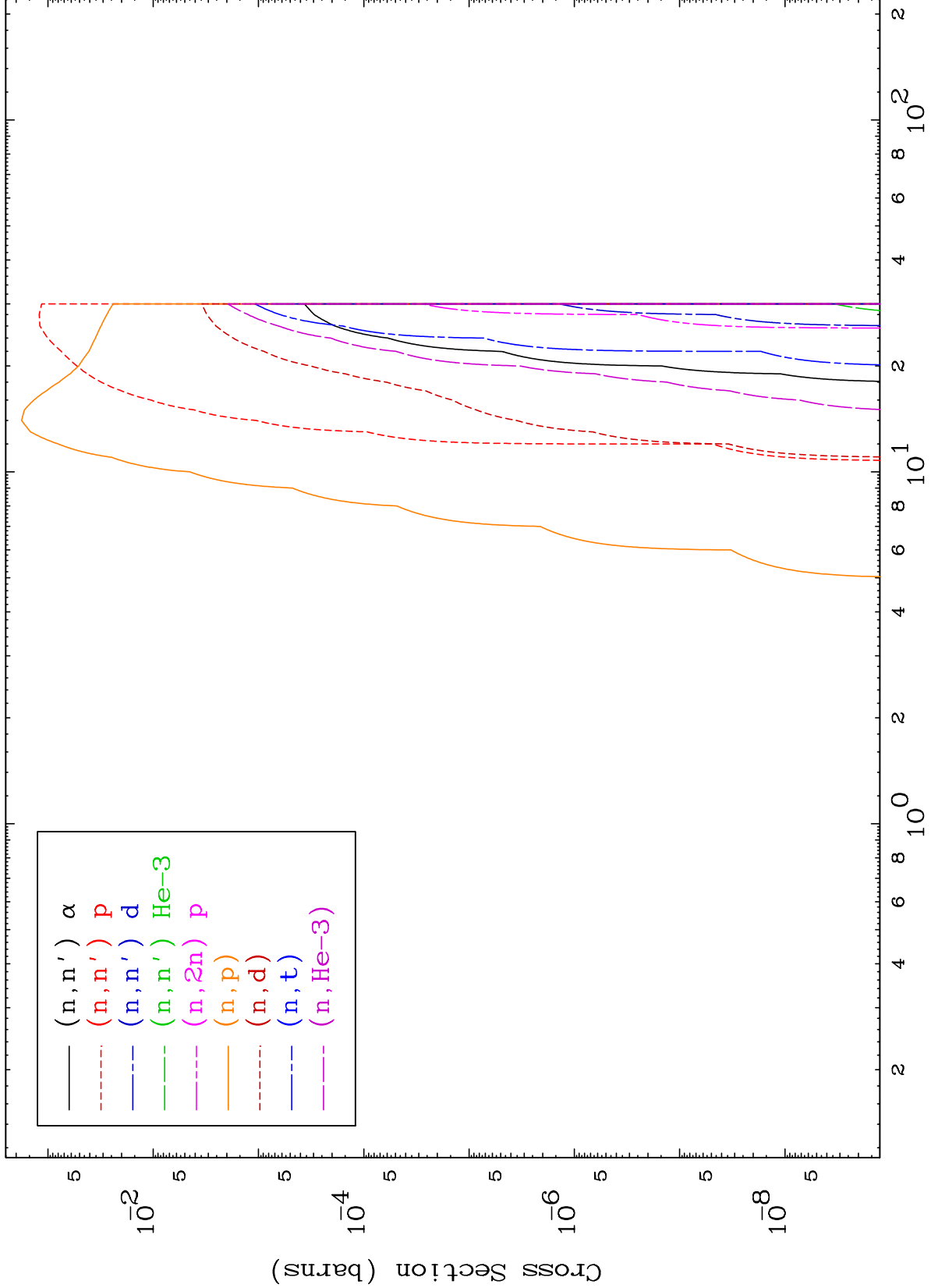
39-Y -80m



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

39-Y -80m



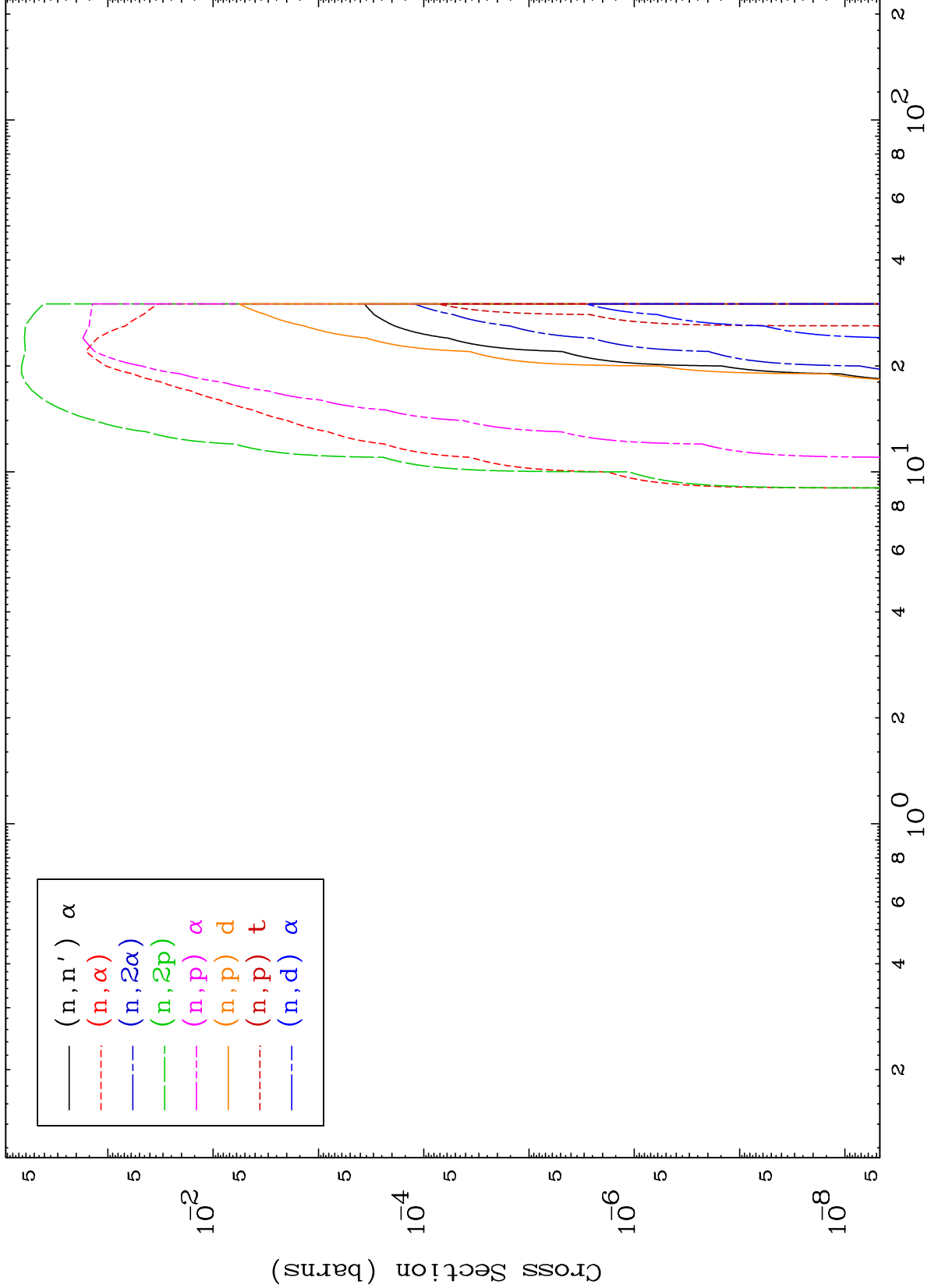
Incident Energy (MeV)

39-Y -80m

MAT 3899

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

39-Y -80m

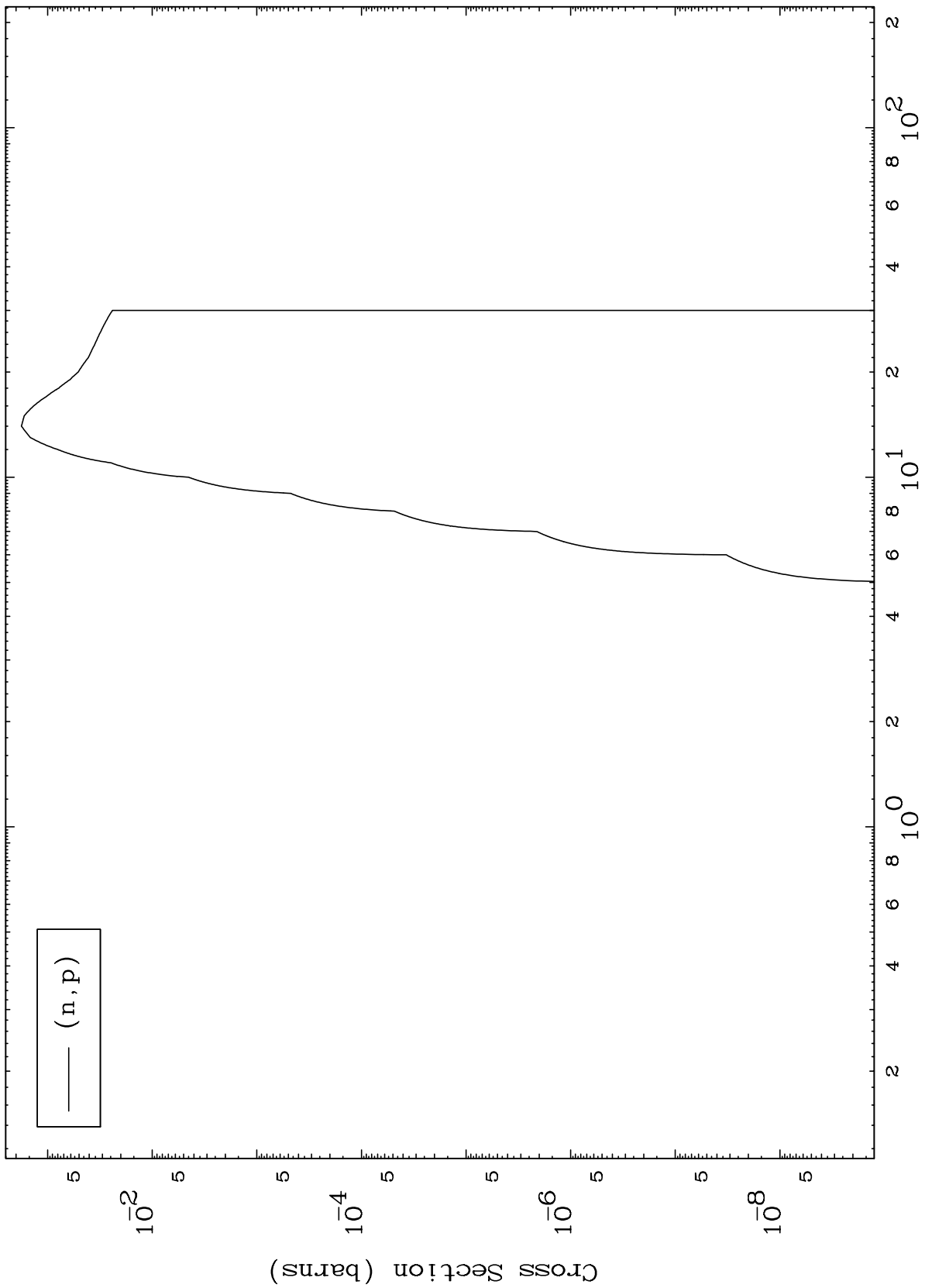


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( $\alpha, p$ ) Levels

39-Y -80m

0 Kelvin Cross Sections

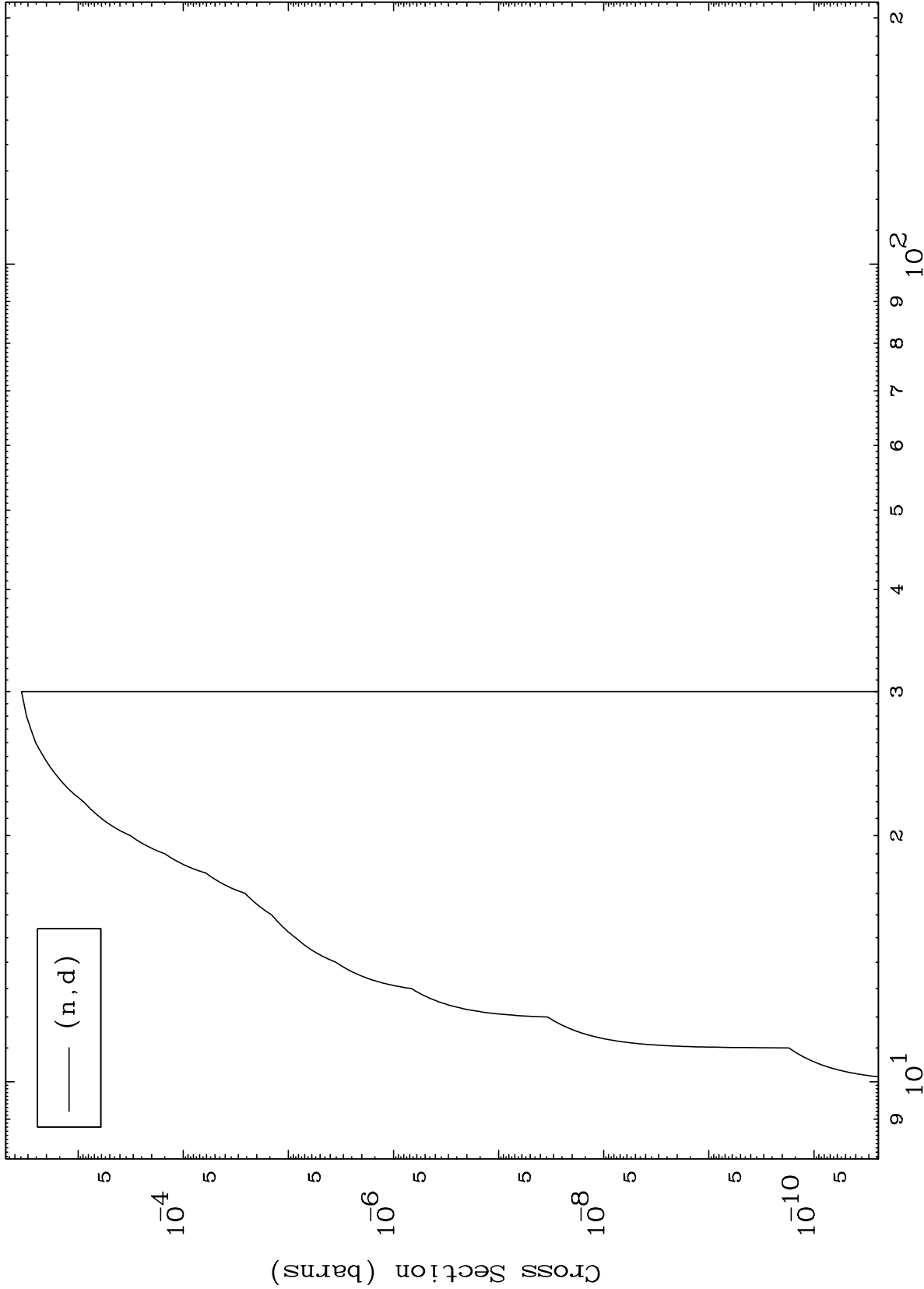


MAT 3899

( $\alpha, d$ ) Levels

39-Y -80m

0 Kelvin Cross Sections



(n, d)

Incident Energy (MeV)

39-Y -80m

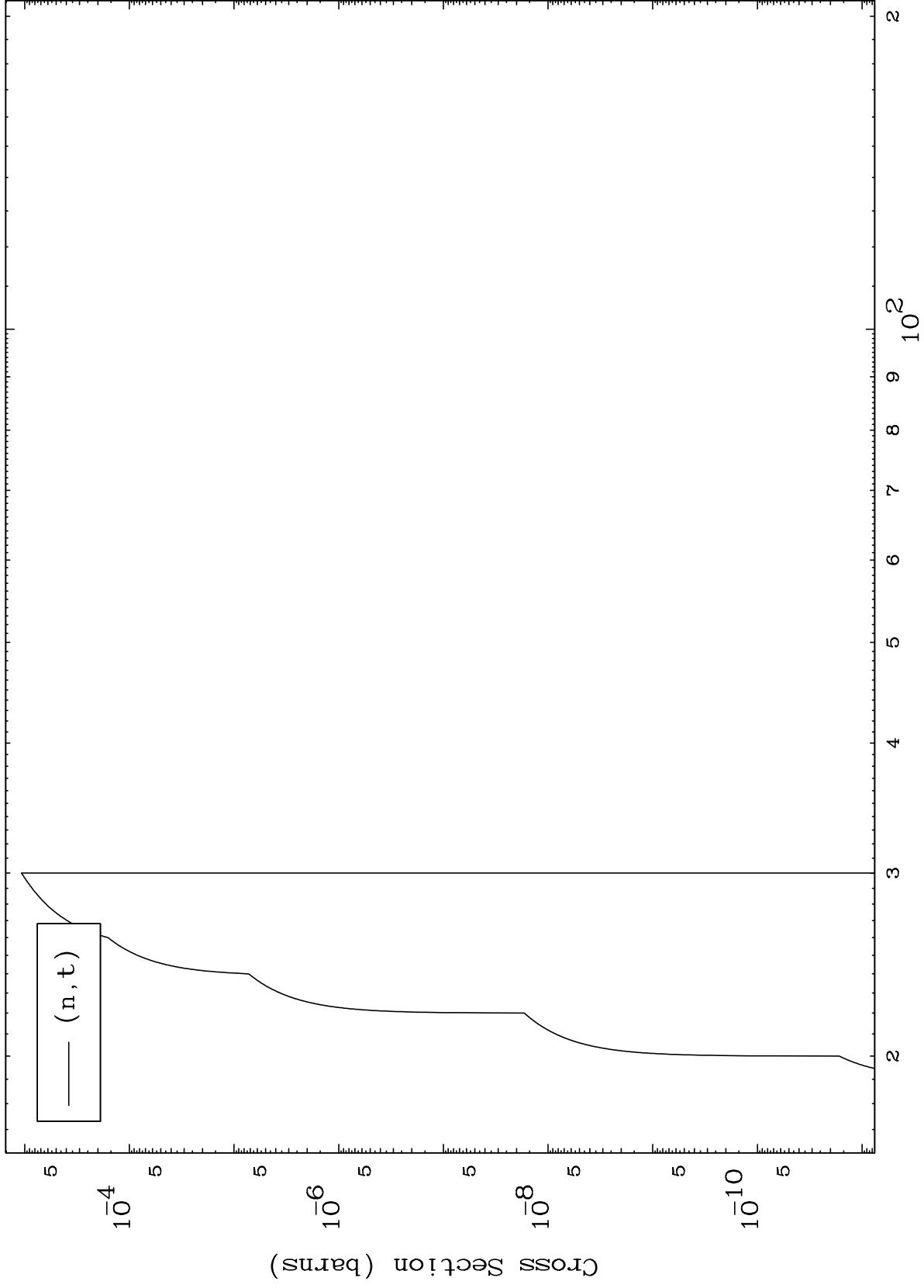
7



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

39-Y -80m



8

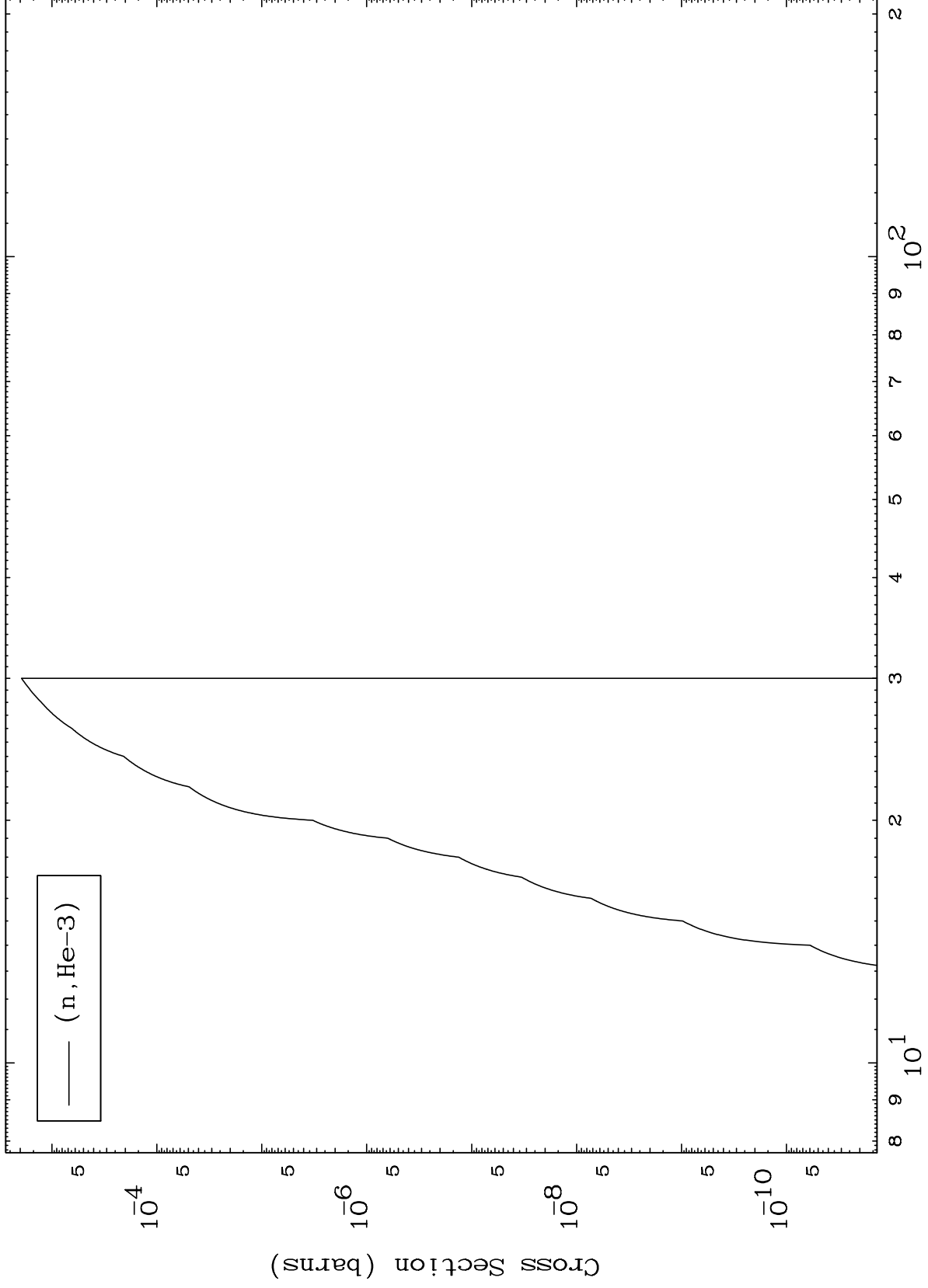
Incident Energy (MeV)

39-Y -80m

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

39-Y -80m



9

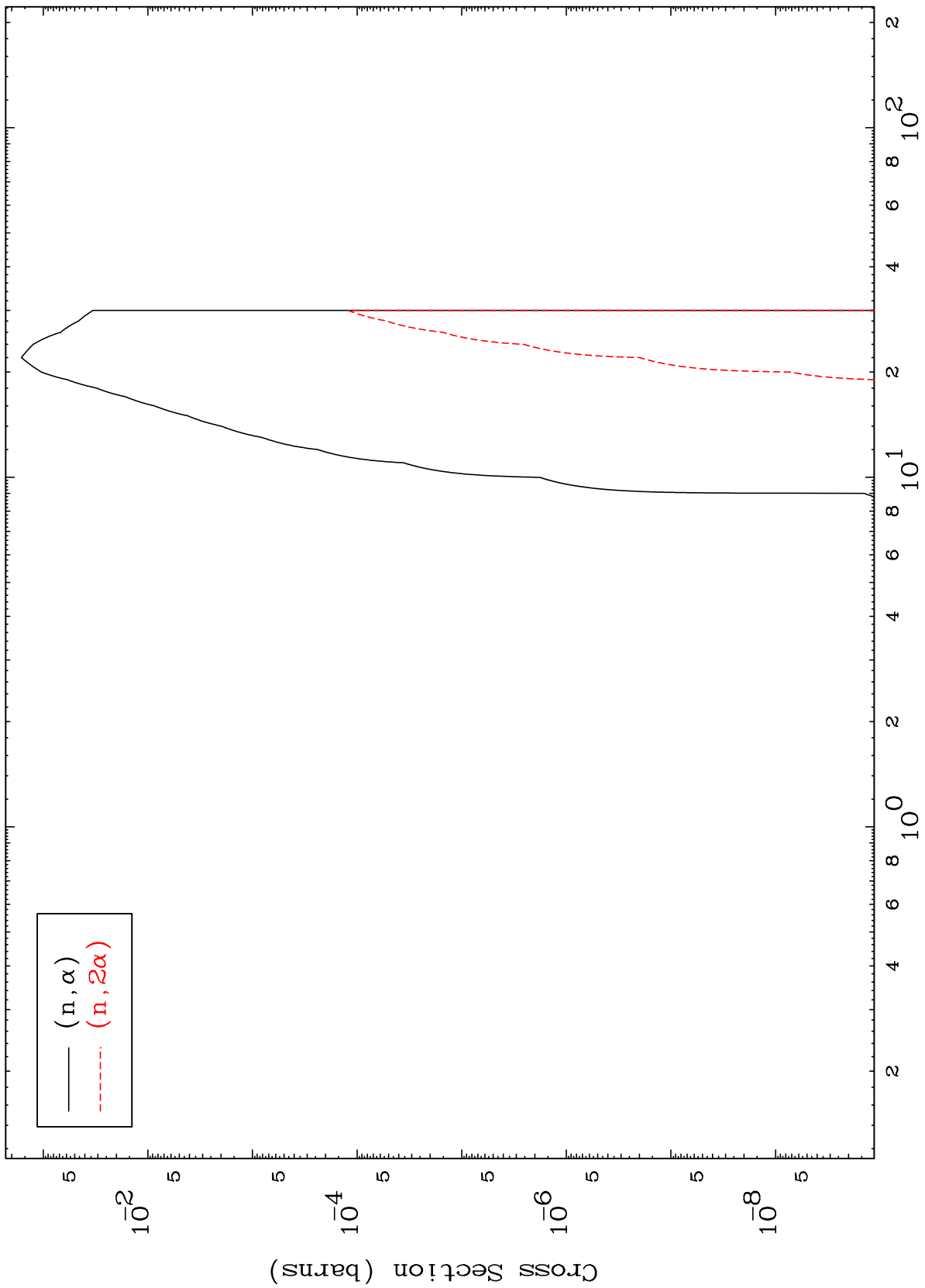
Incident Energy (MeV)

39-Y -80m

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

39-Y -80m



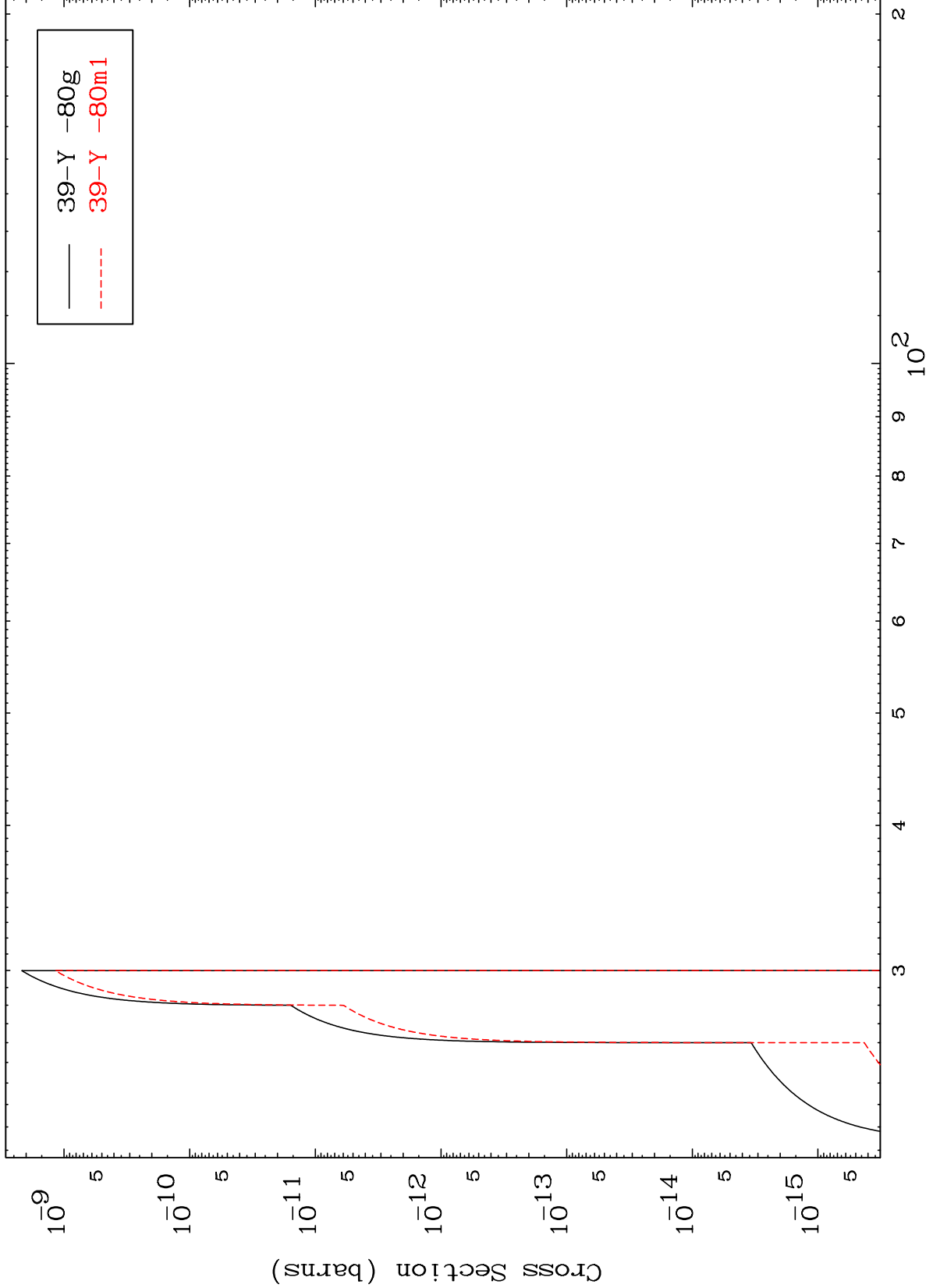
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

39-Y -80m

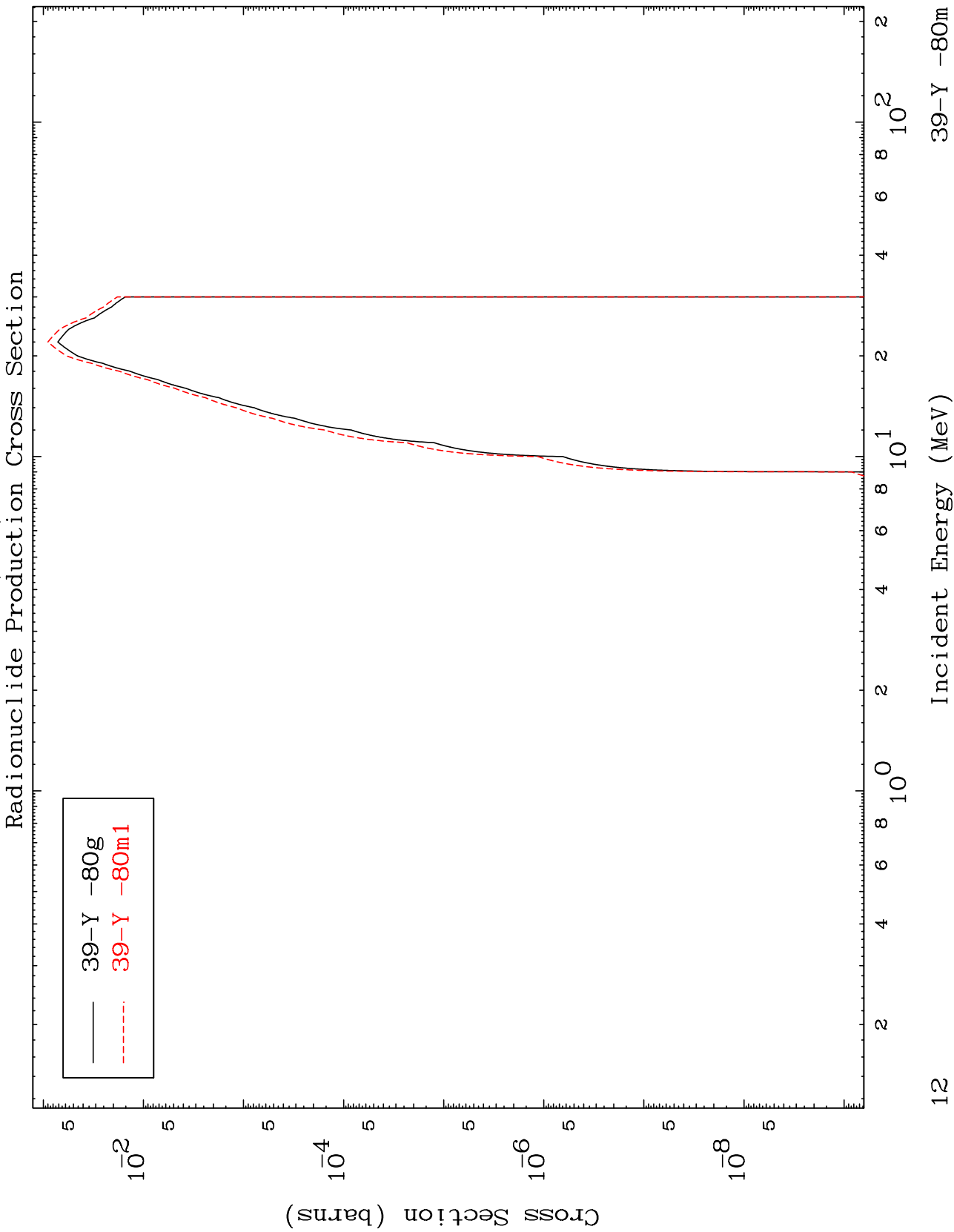
Radionuclide Production Cross Section



— 39-Y -80g  
- - - 39-Y -80m1

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39-Y -80m

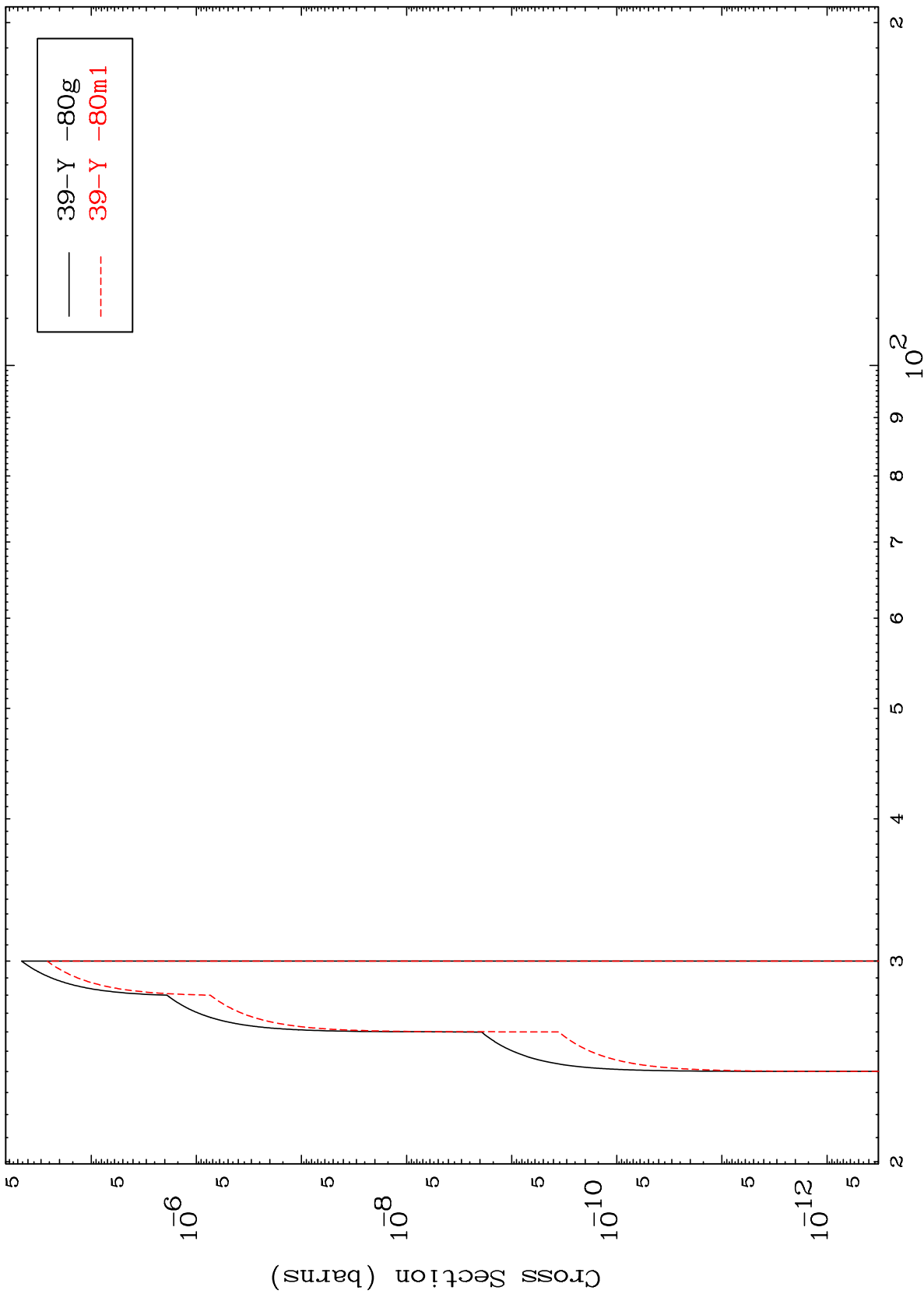


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(n,p) t

39-Y -80m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

39-Y -80m