

Program EVALPLOT  
(Version 2021-1)

by

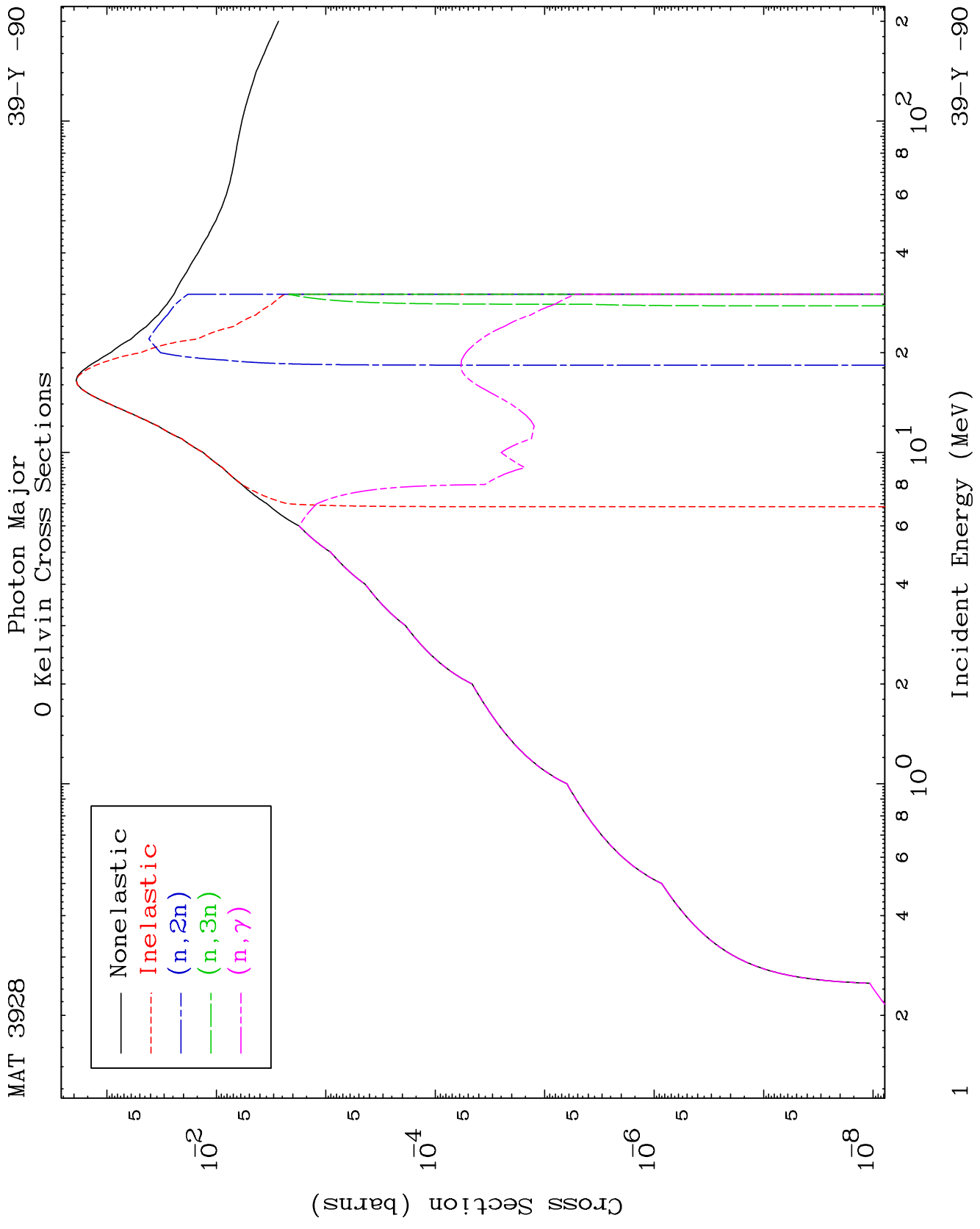
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

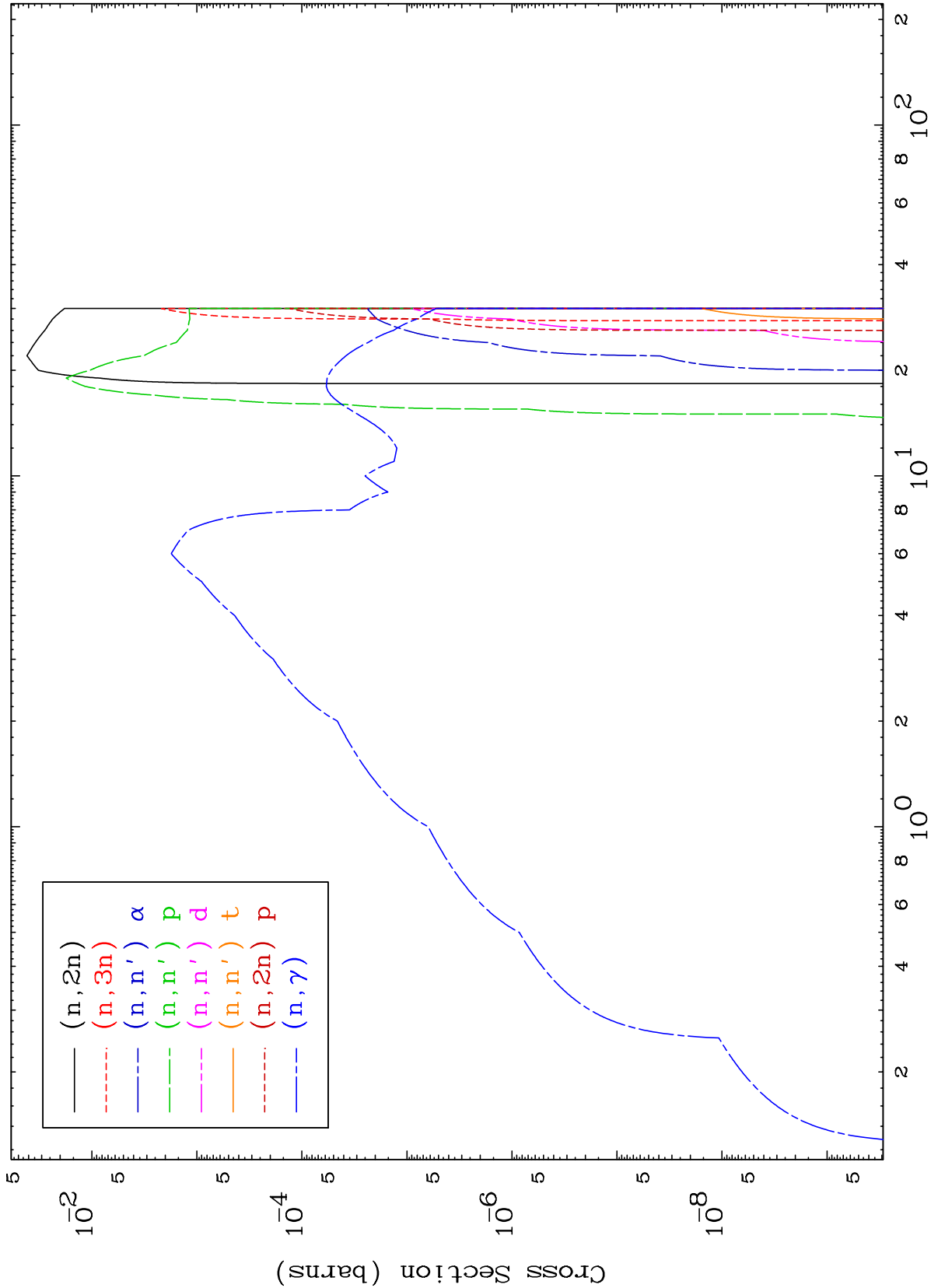
Press Mouse Button to Start



MAT 3928

Photon Neutron Absorption  
0 Kelvin Cross Sections

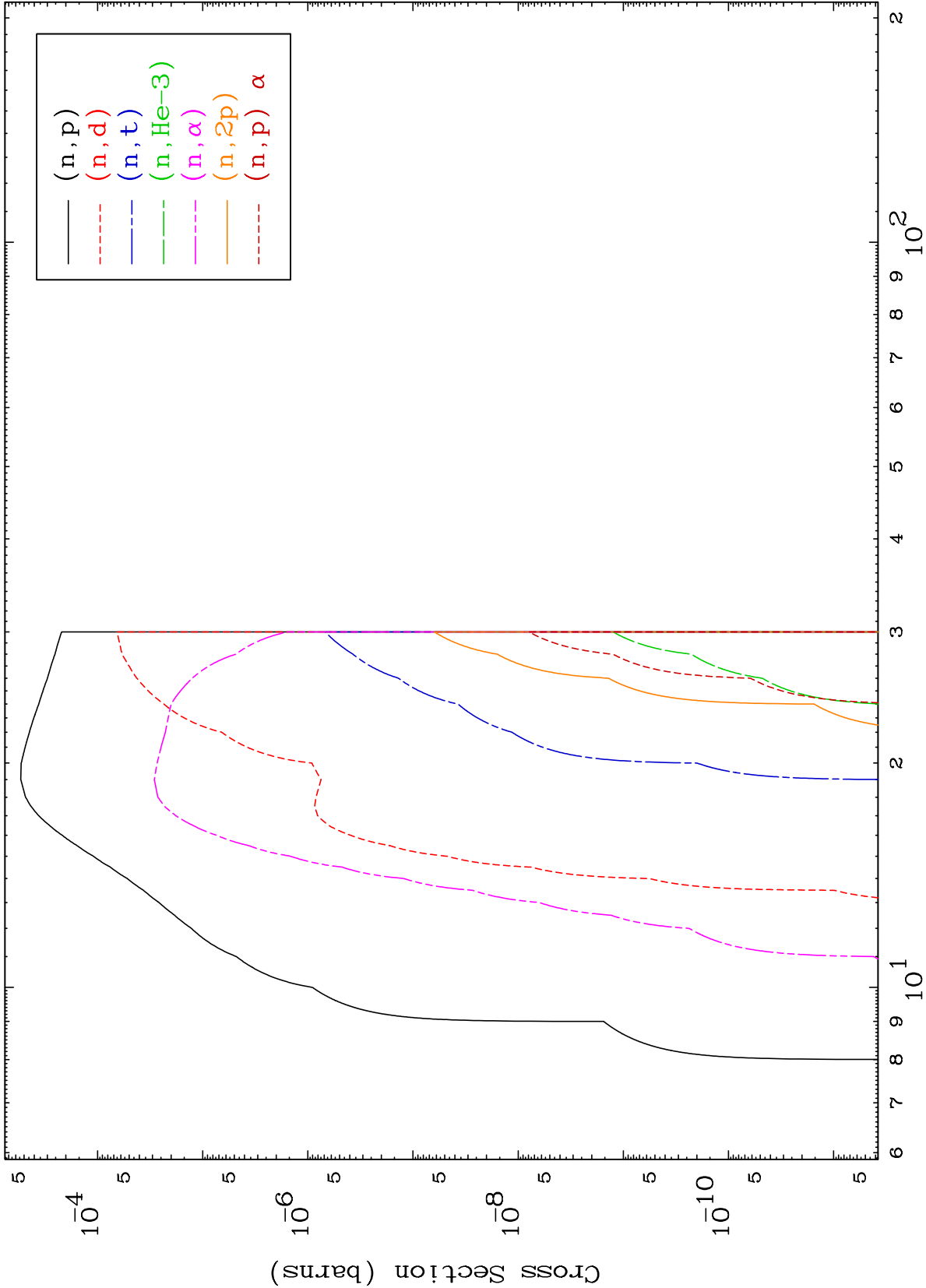
39-Y -90

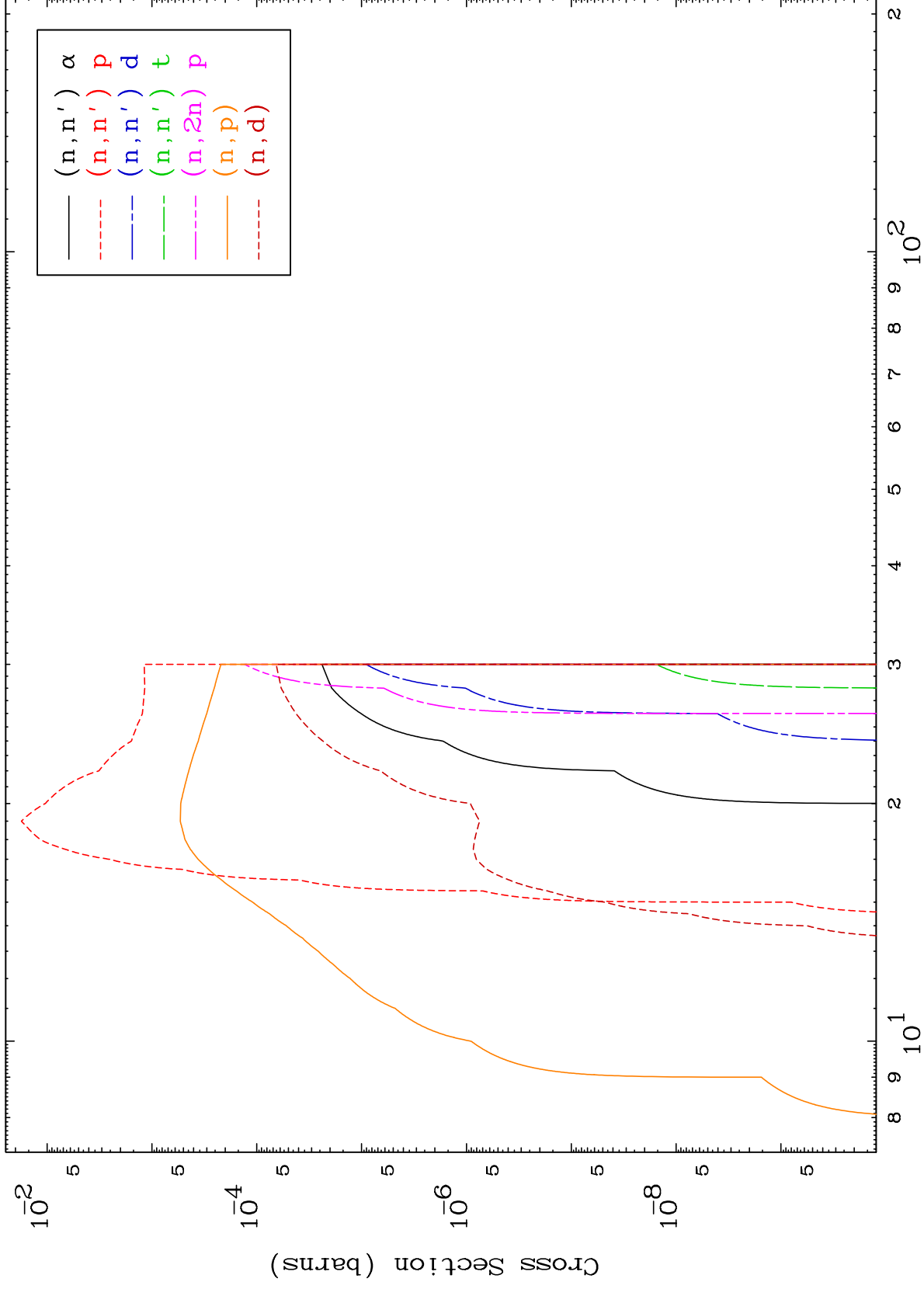


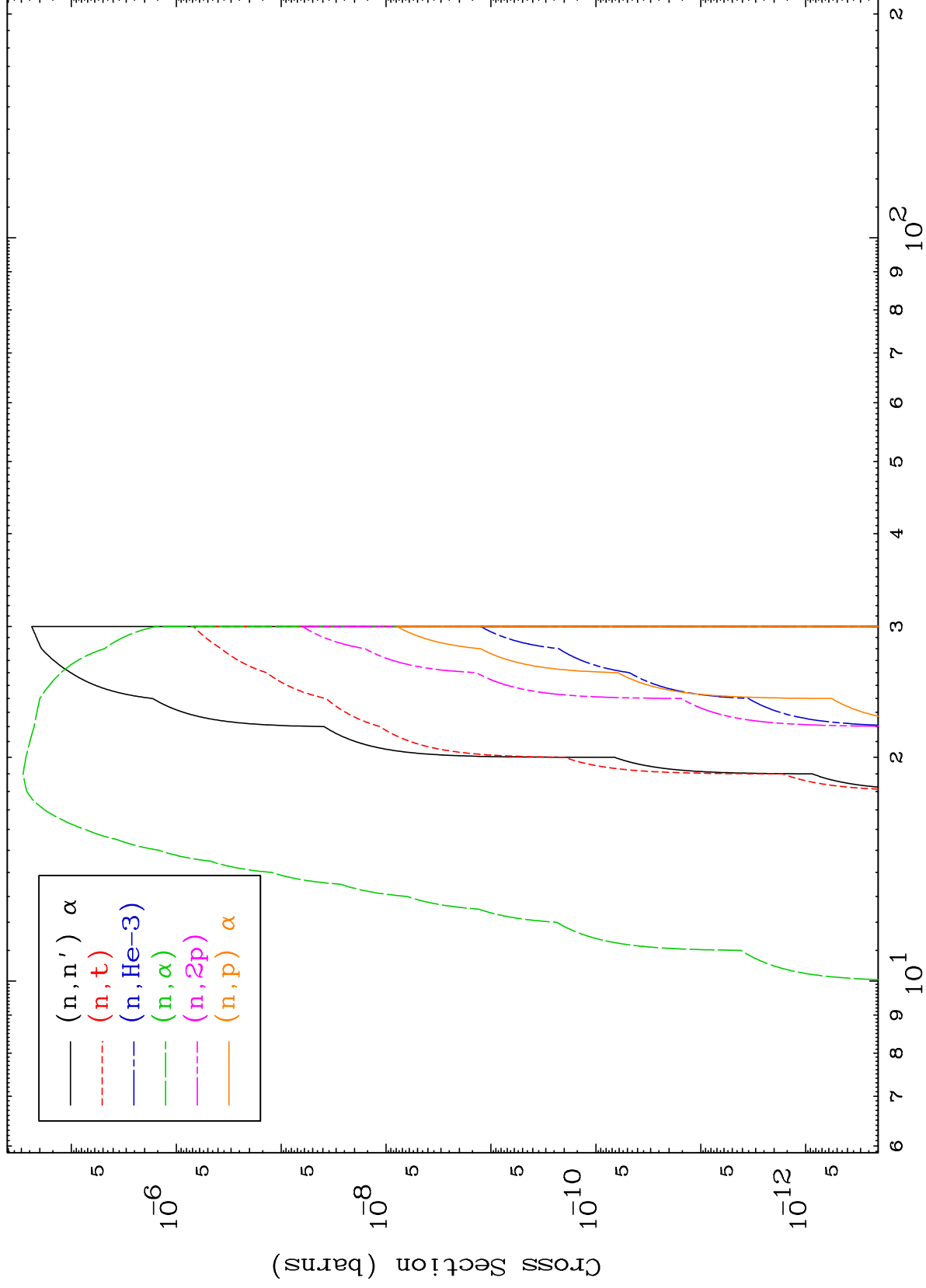
2

Incident Energy (MeV)

39-Y -90





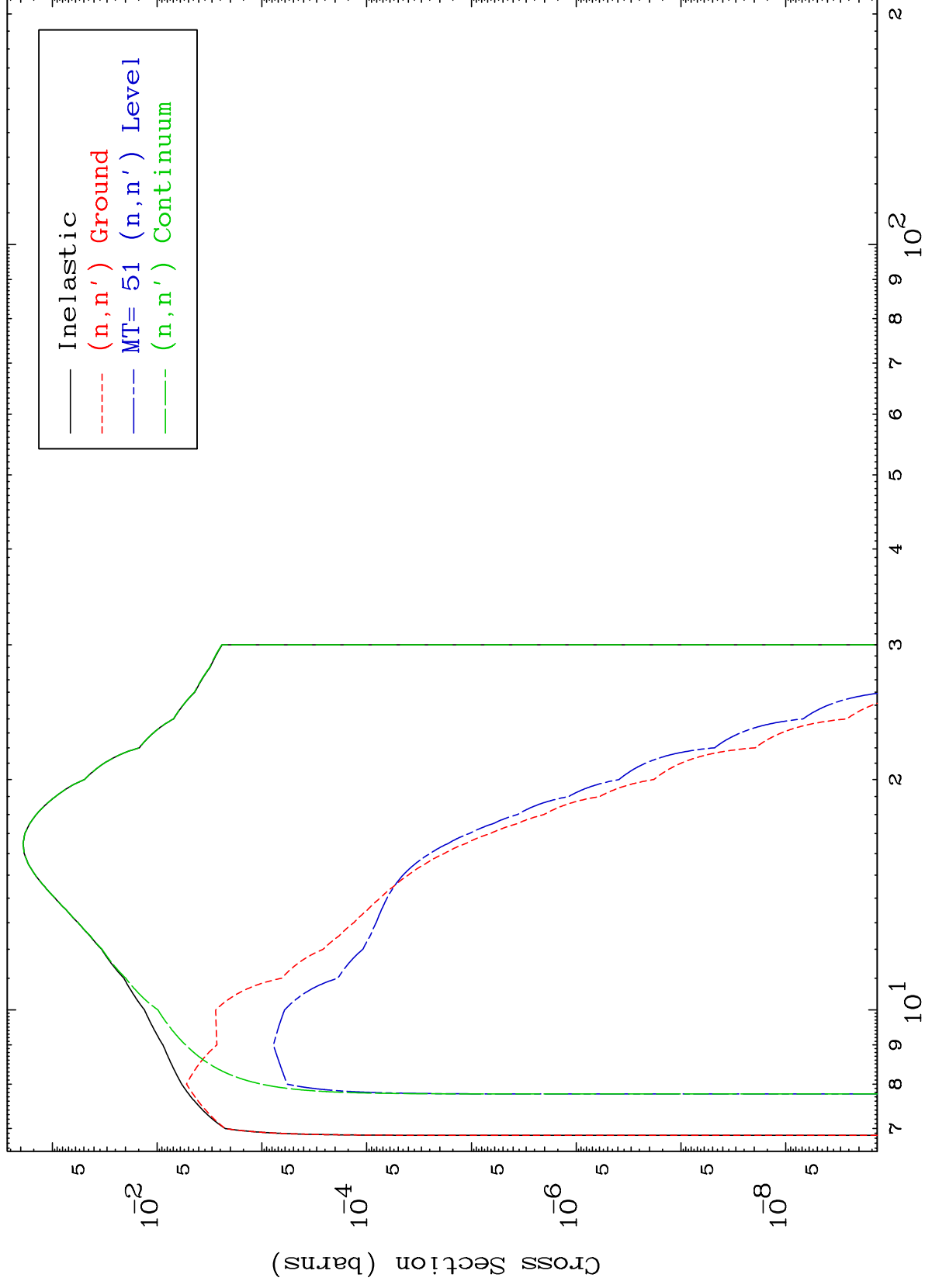


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$(\gamma, n')$  Levels

39-Y -90

0 Kelvin Cross Sections



Incident Energy (MeV)

39-Y -90

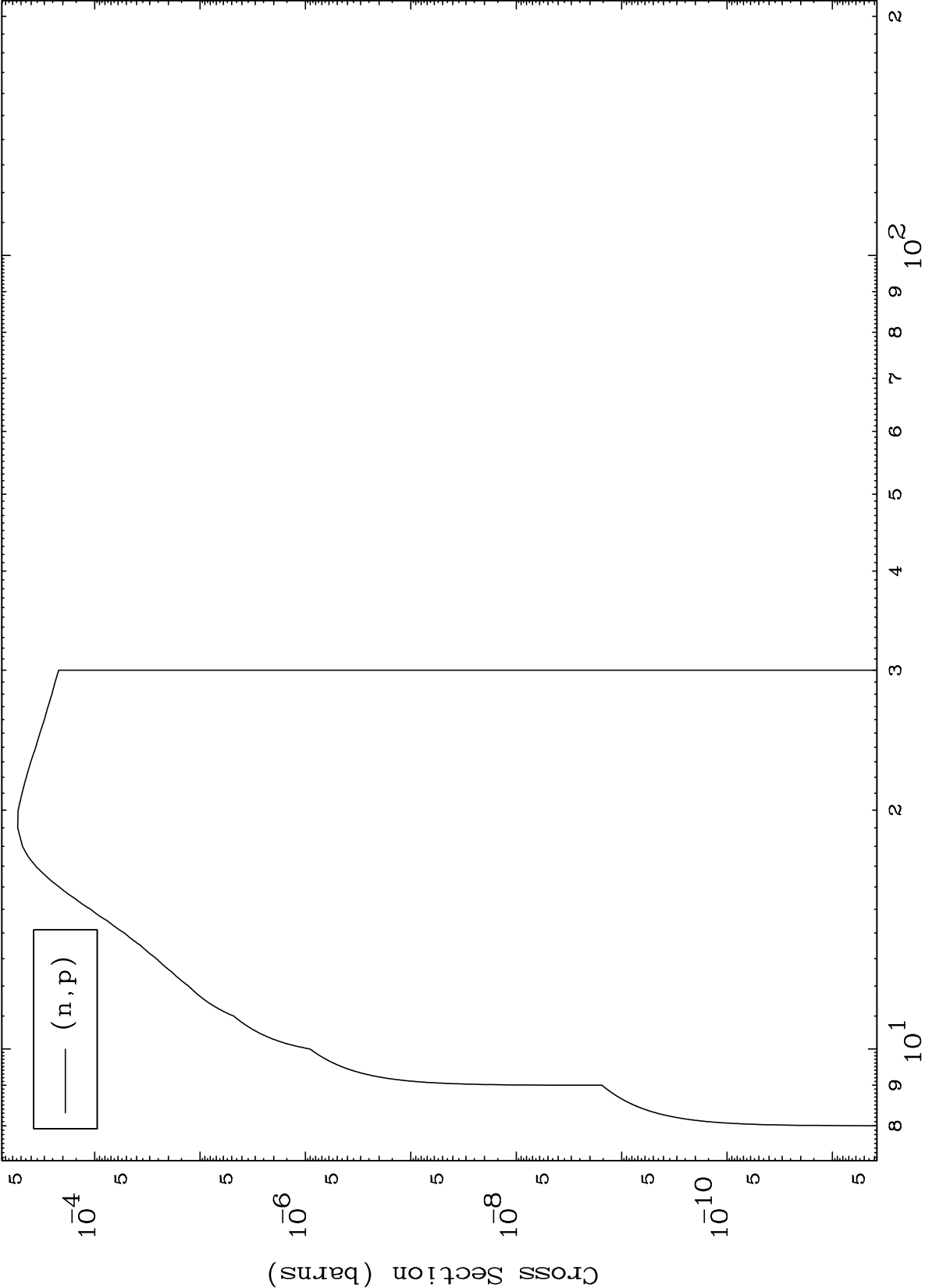
6

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( $\gamma$ ,p) Levels

39-Y -90

0 Kelvin Cross Sections



Incident Energy (MeV)

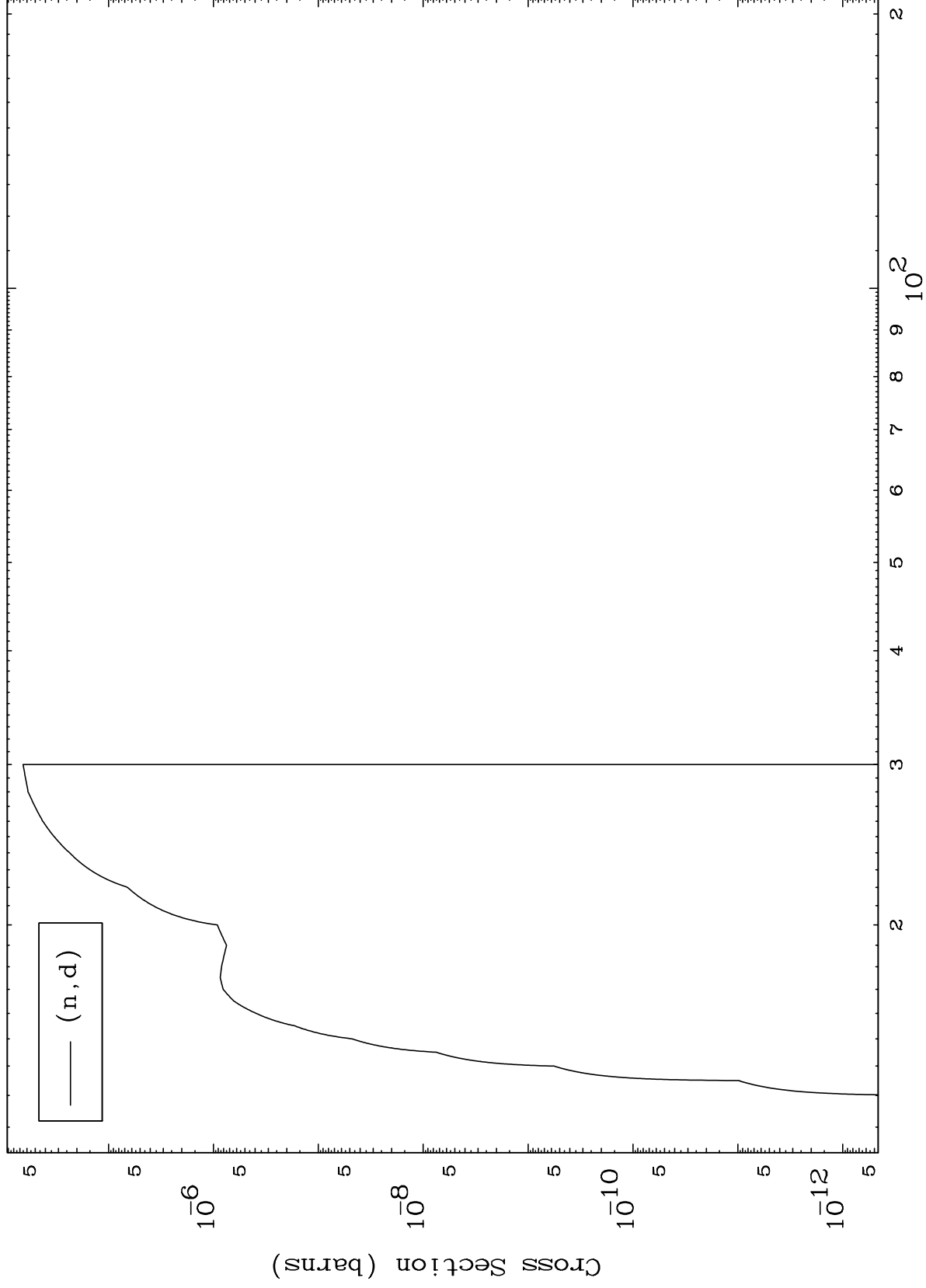
39-Y -90

7

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39-Y -90

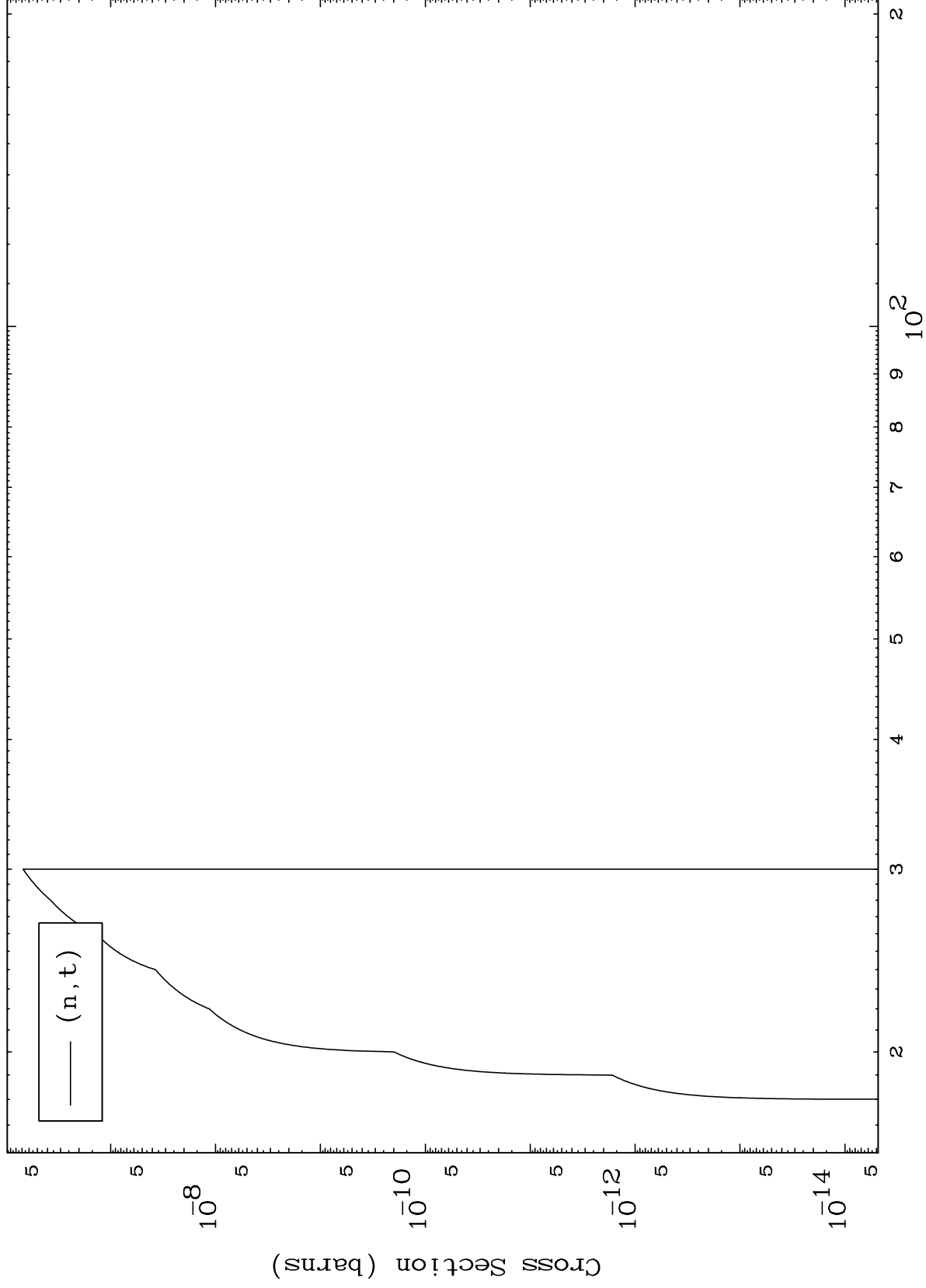
( $\gamma$ ,d) Levels  
0 Kelvin Cross Sections



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39-Y -90

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



9

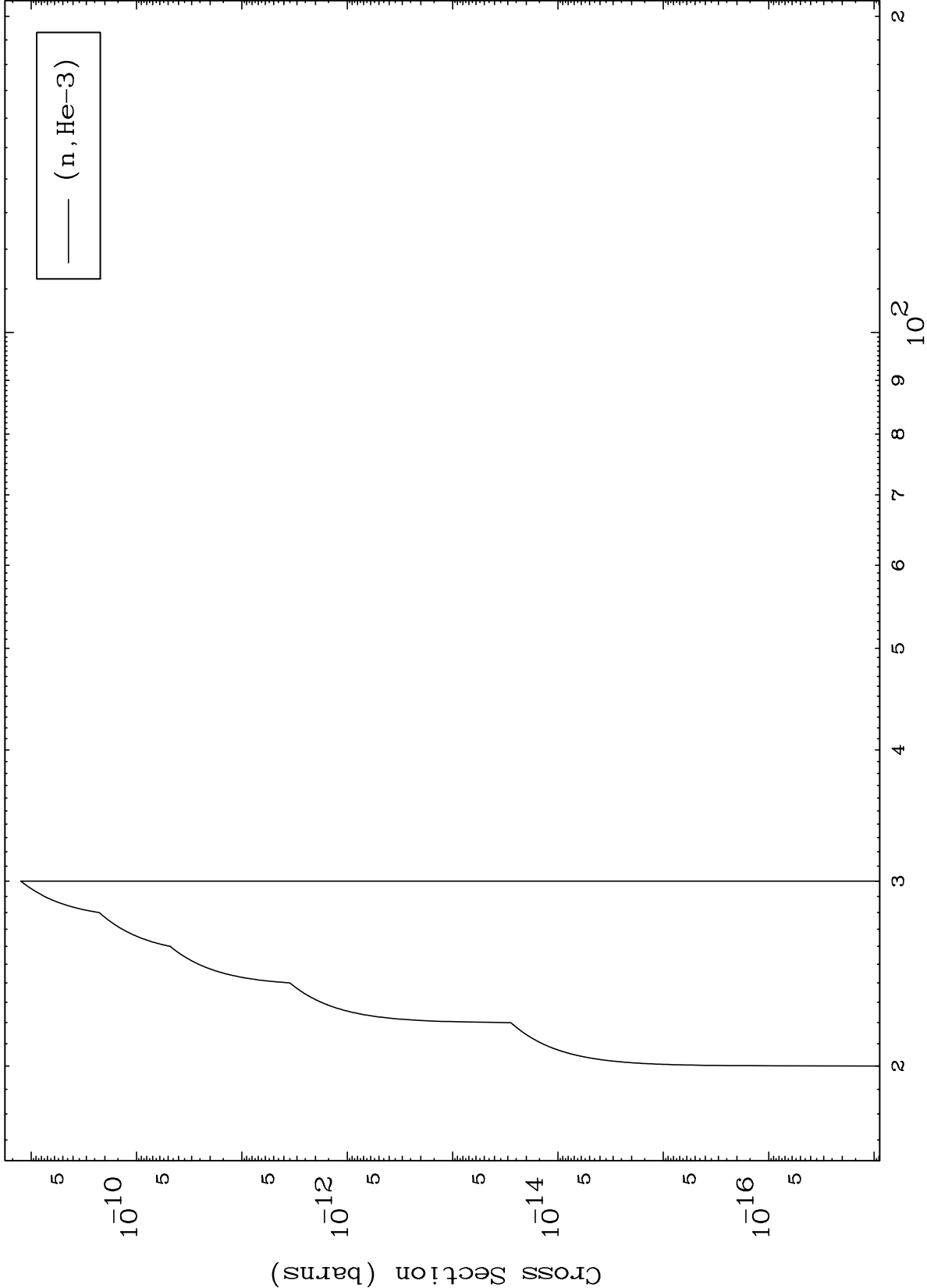
Incident Energy (MeV)

39-Y -90

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

39-Y -90



10

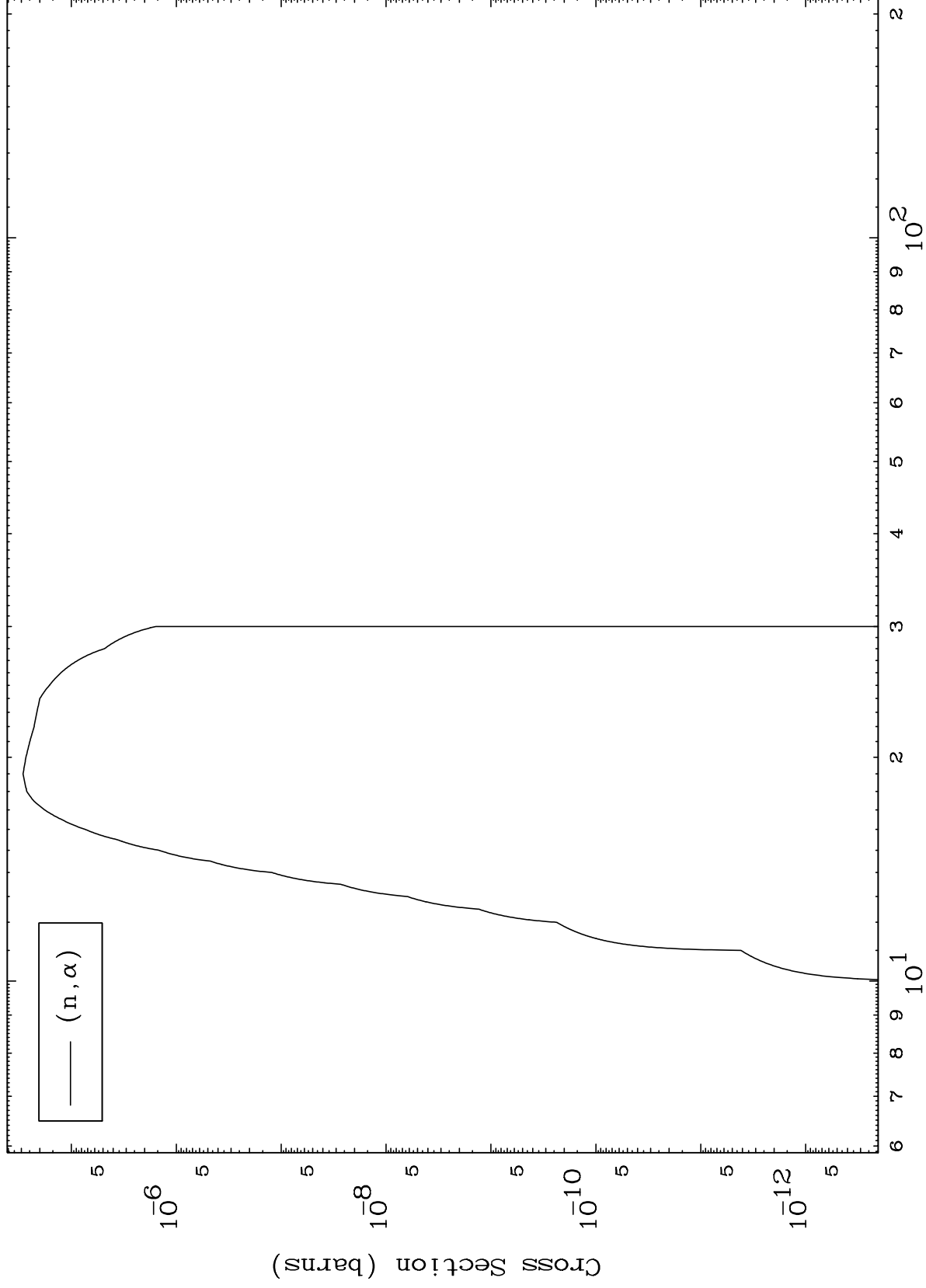
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

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



11

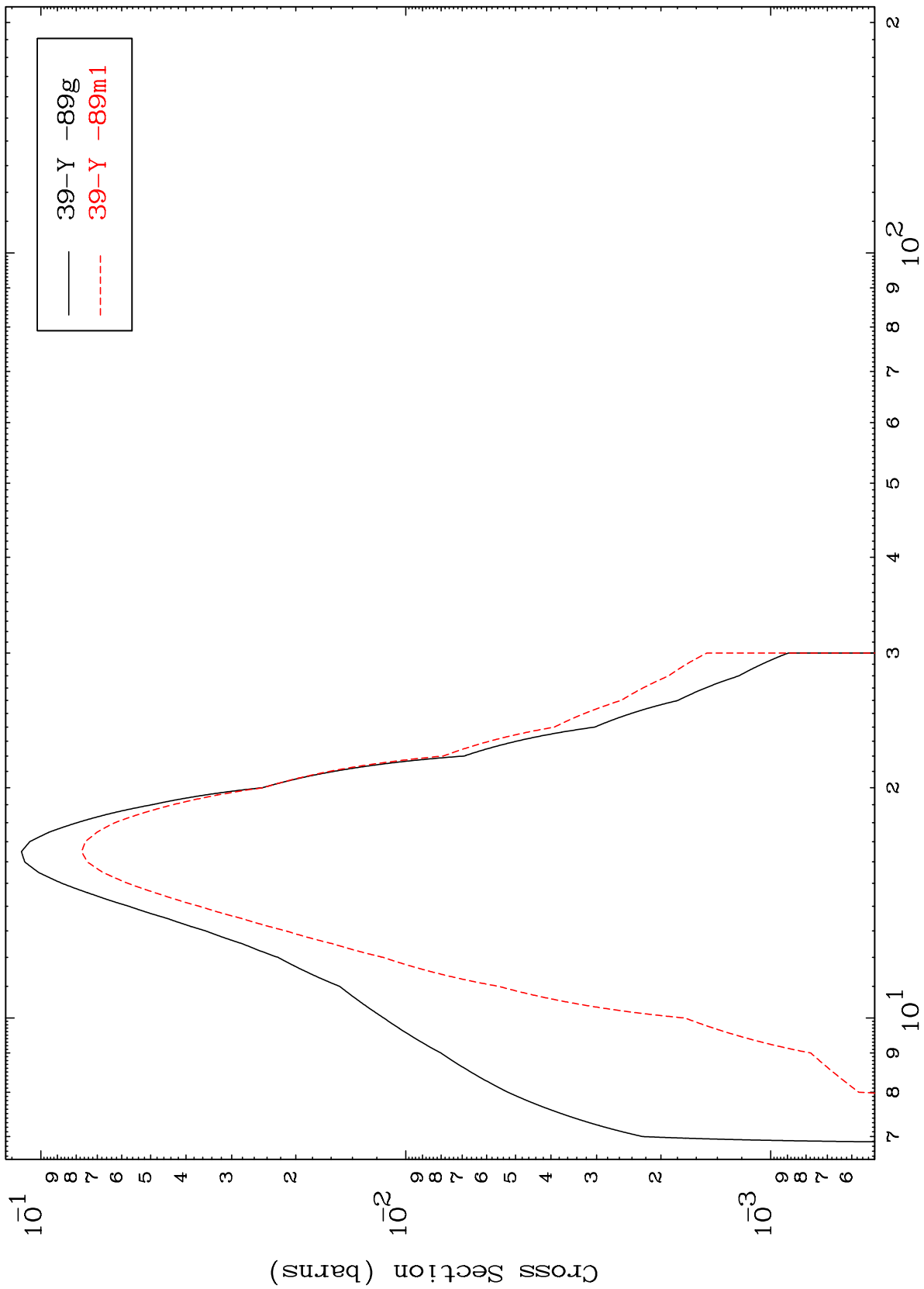
Incident Energy (MeV)

39-Y -90

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39-Y -90

Inelastic  
Radionuclide Production Cross Section



39-Y -90

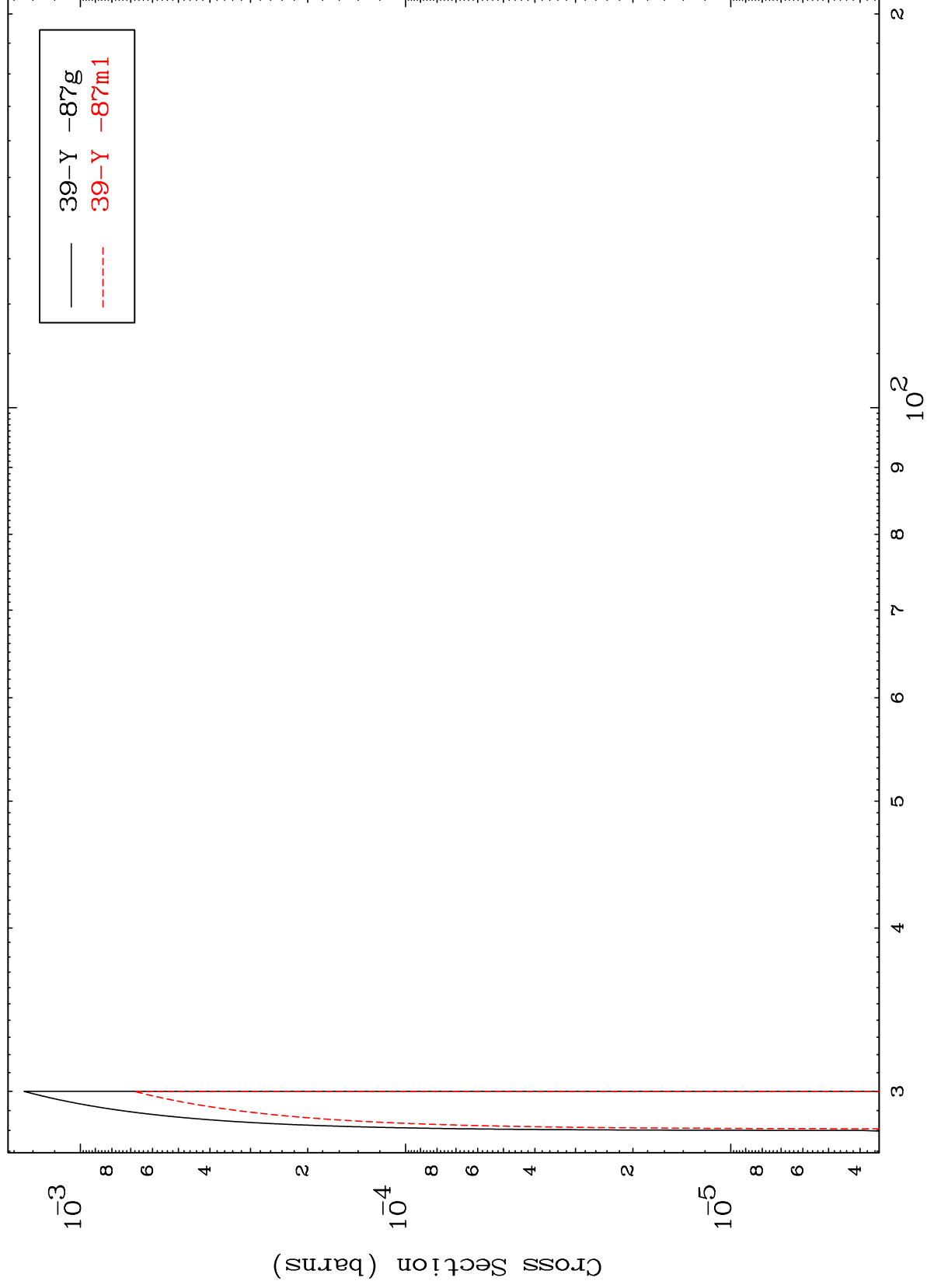
Incident Energy (MeV)

12

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39-Y -90

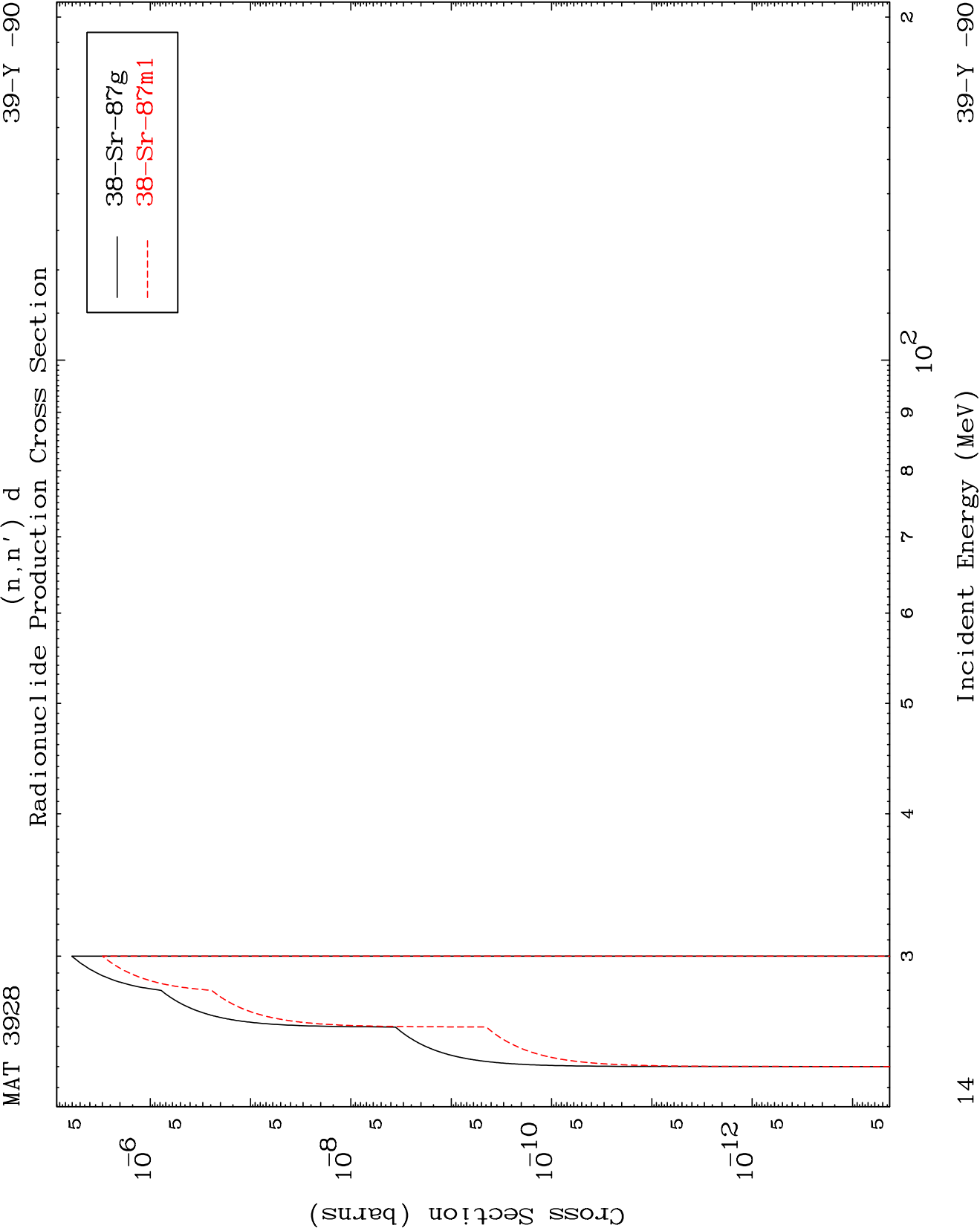
Radionuclide Production Cross Section  
(n,3n)

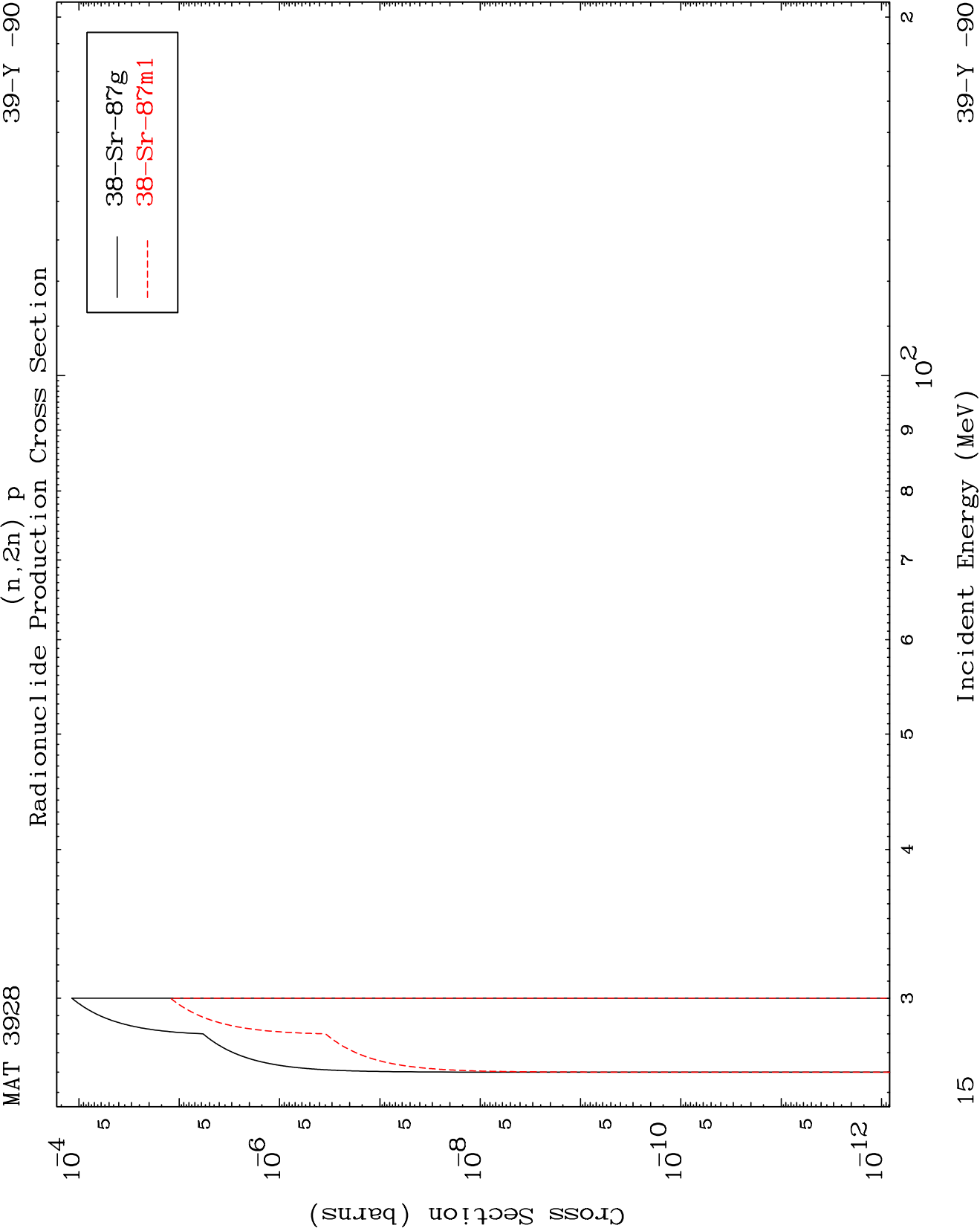


13

Incident Energy (MeV)

39-Y -90

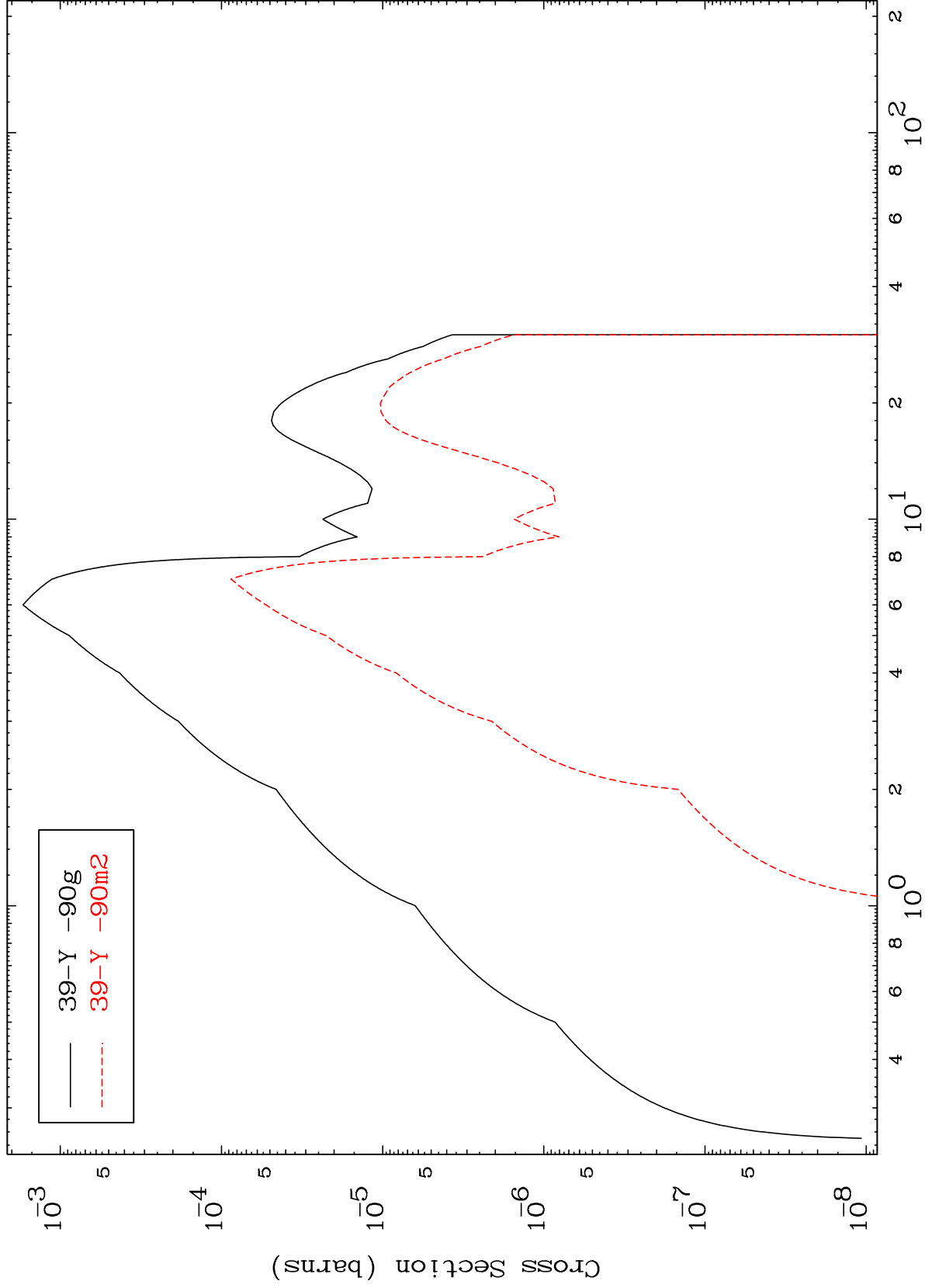




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39-Y -90

Radionuclide Production Cross Section



16

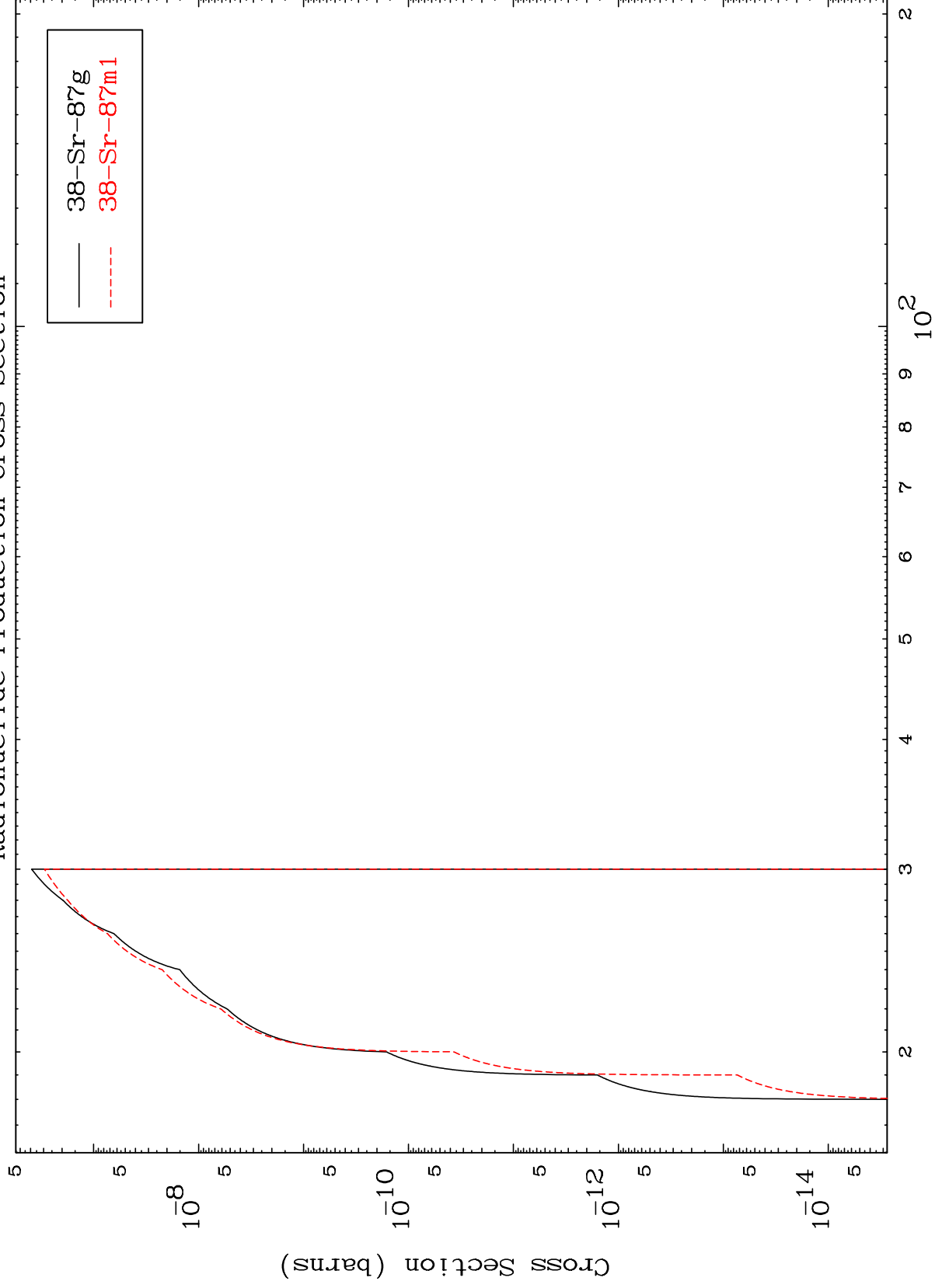
Incident Energy (MeV)

39-Y -90

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39-Y -90

(n,t)  
Radionuclide Production Cross Section



39-Y -90

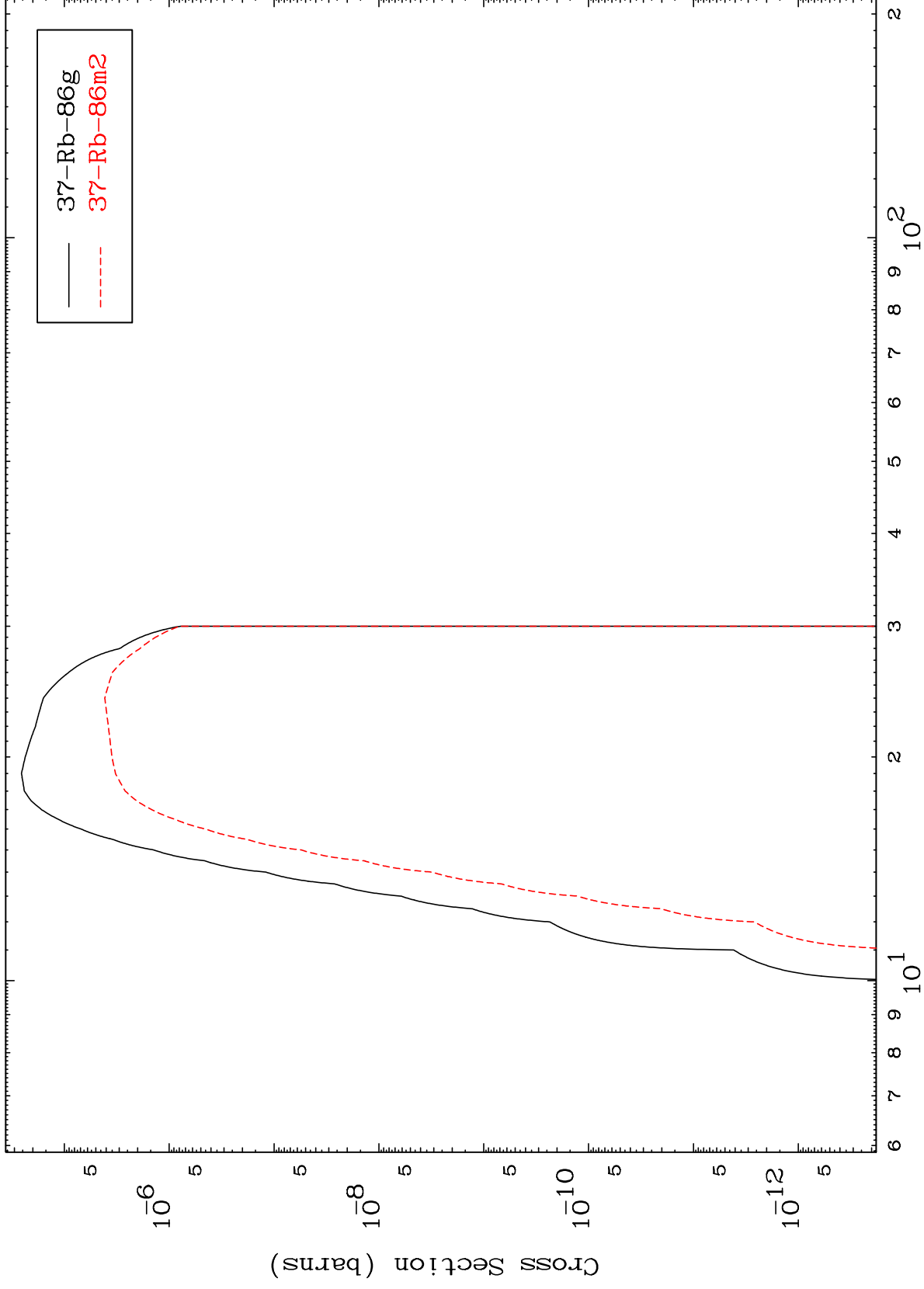
Incident Energy (MeV)

17

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39-Y -90

Radionuclide Production Cross Section



18

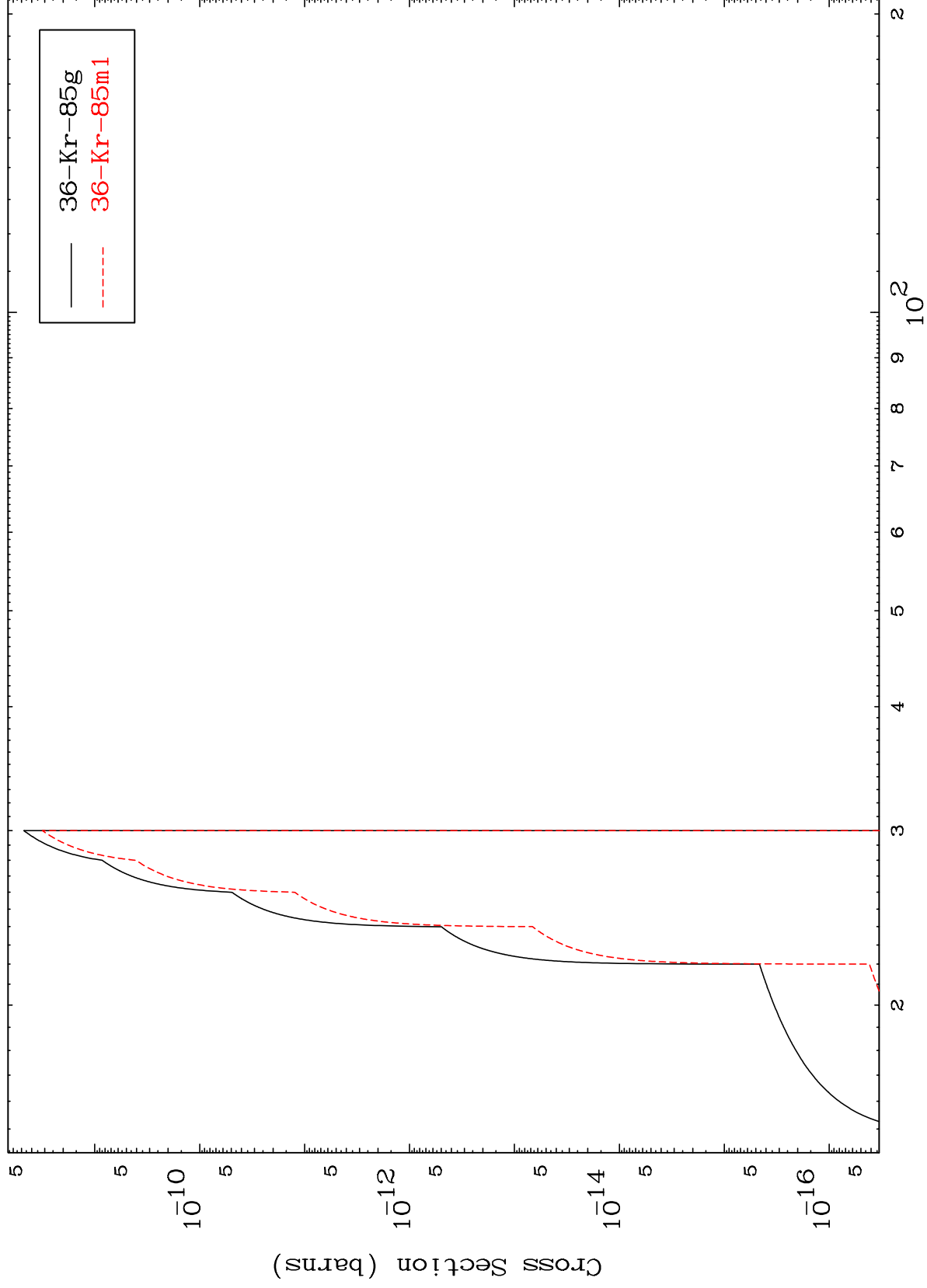
Incident Energy (MeV)

39-Y -90

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39-Y -90

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



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Incident Energy (MeV)

39-Y -90