

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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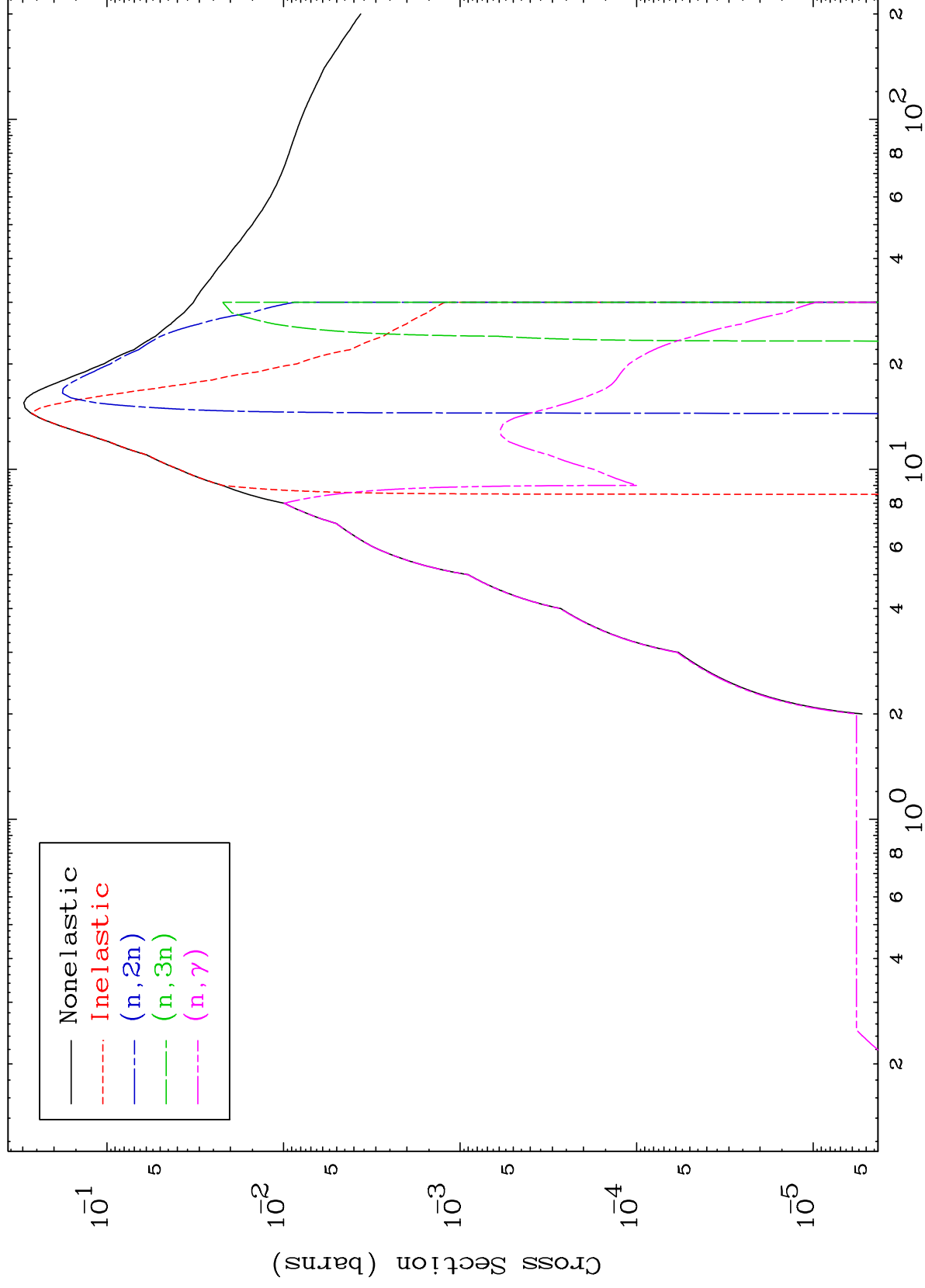
Press Mouse Button to Start

MAT 5061

Photon Major

50-Sn-124

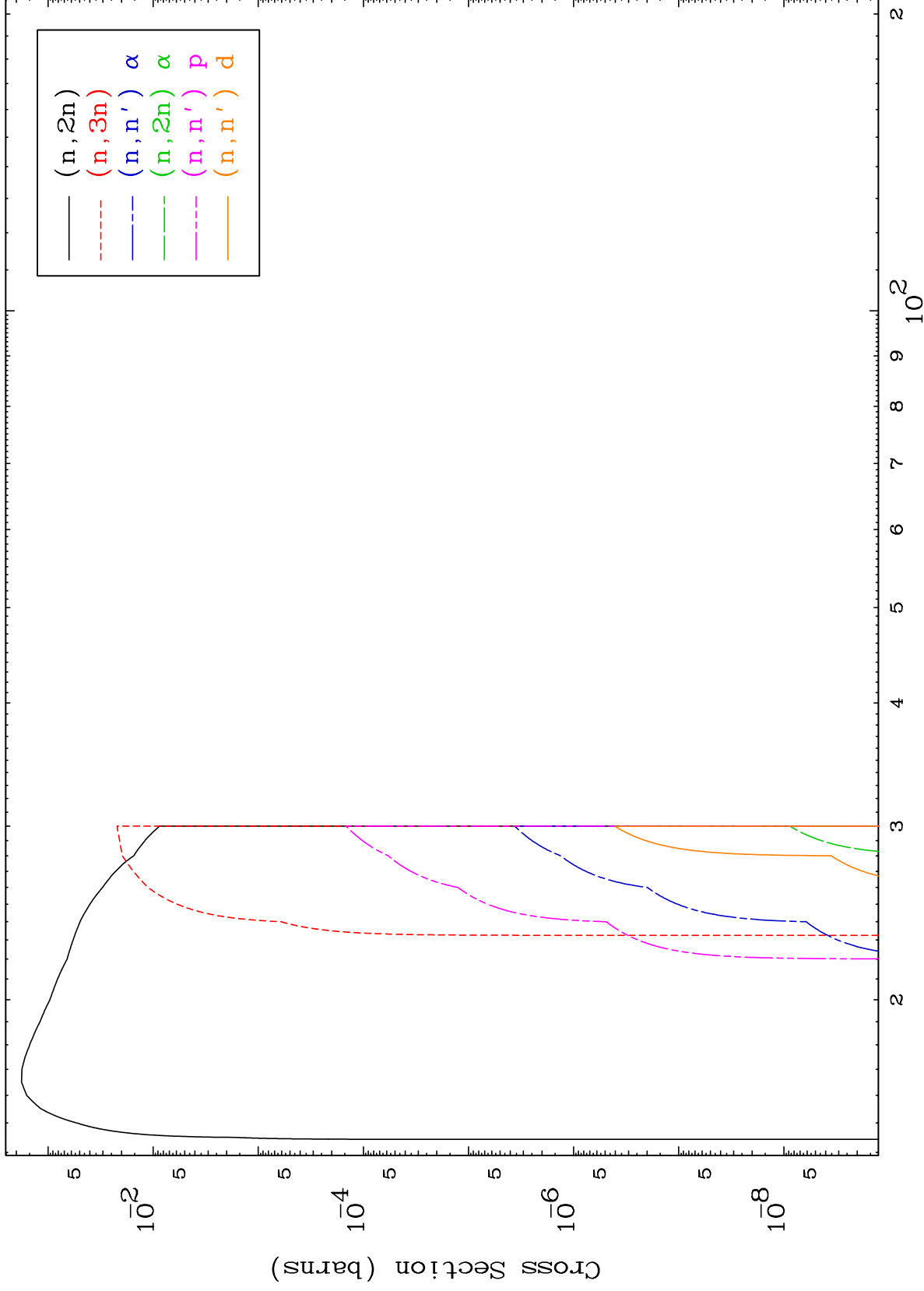
0 Kelvin Cross Sections



1

Incident Energy (MeV)

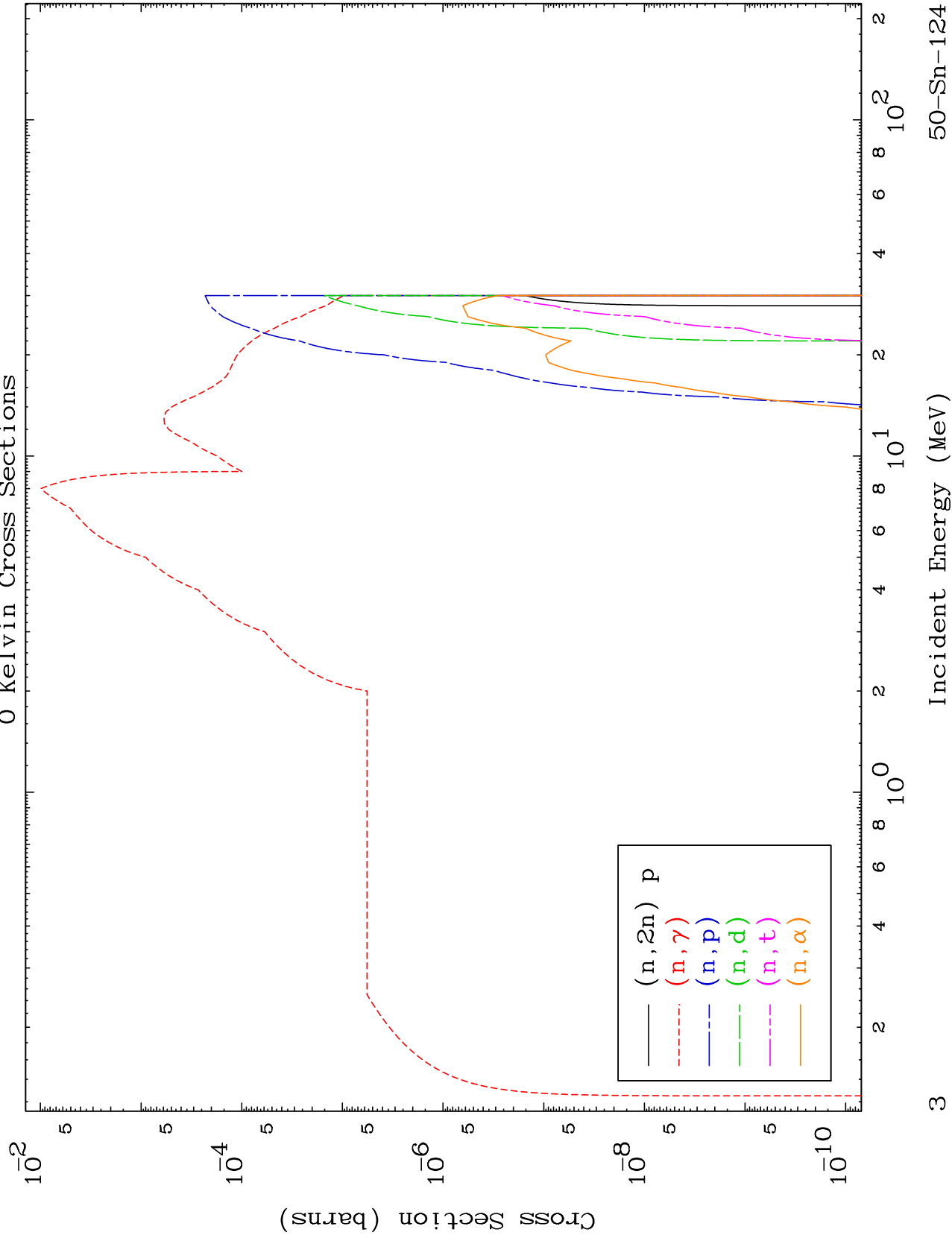
50-Sn-124



MAT 5061

Photon Neutron Absorption  
0 Kelvin Cross Sections

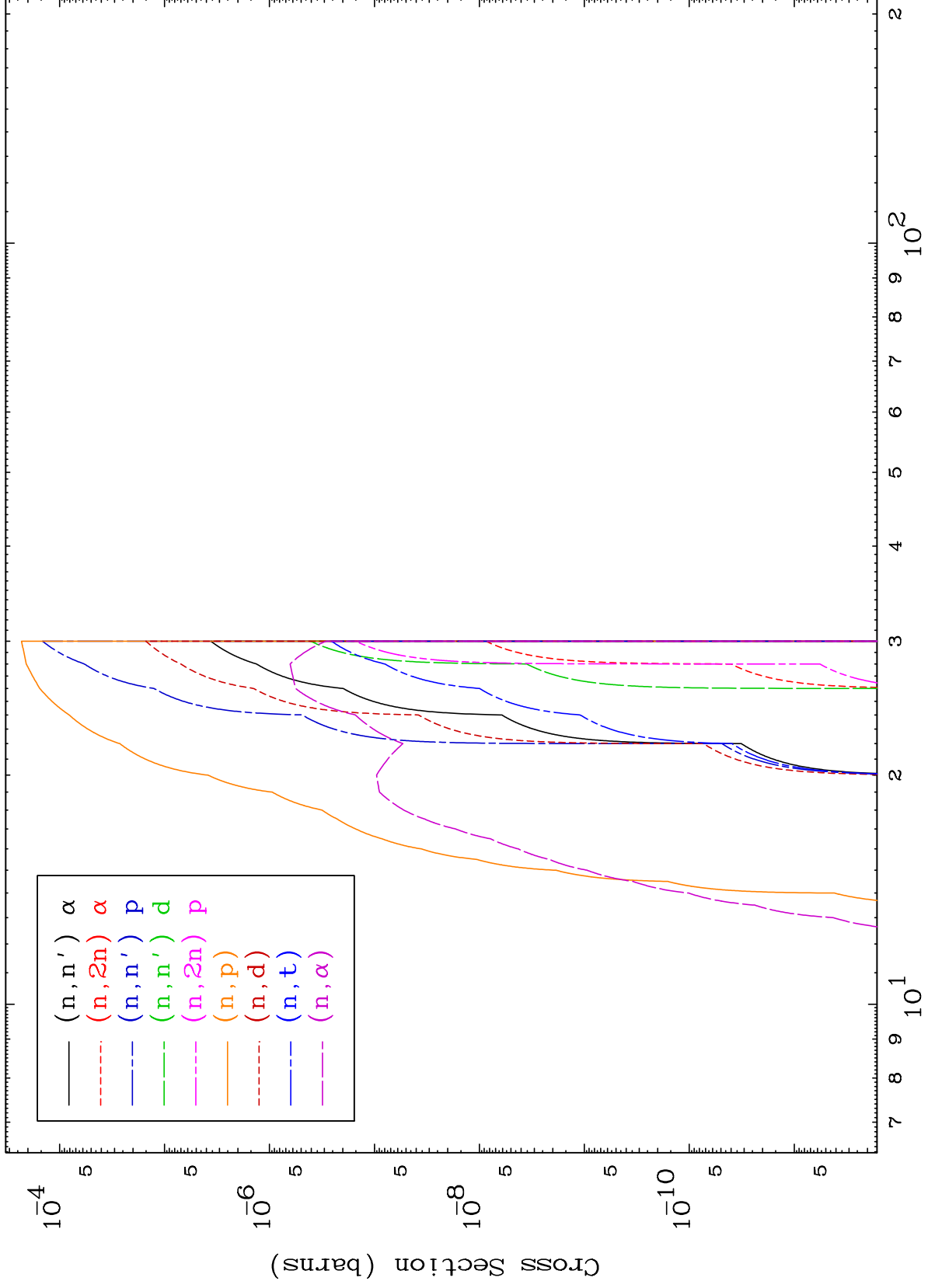
50-Sn-124



MAT 5061

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-124



4

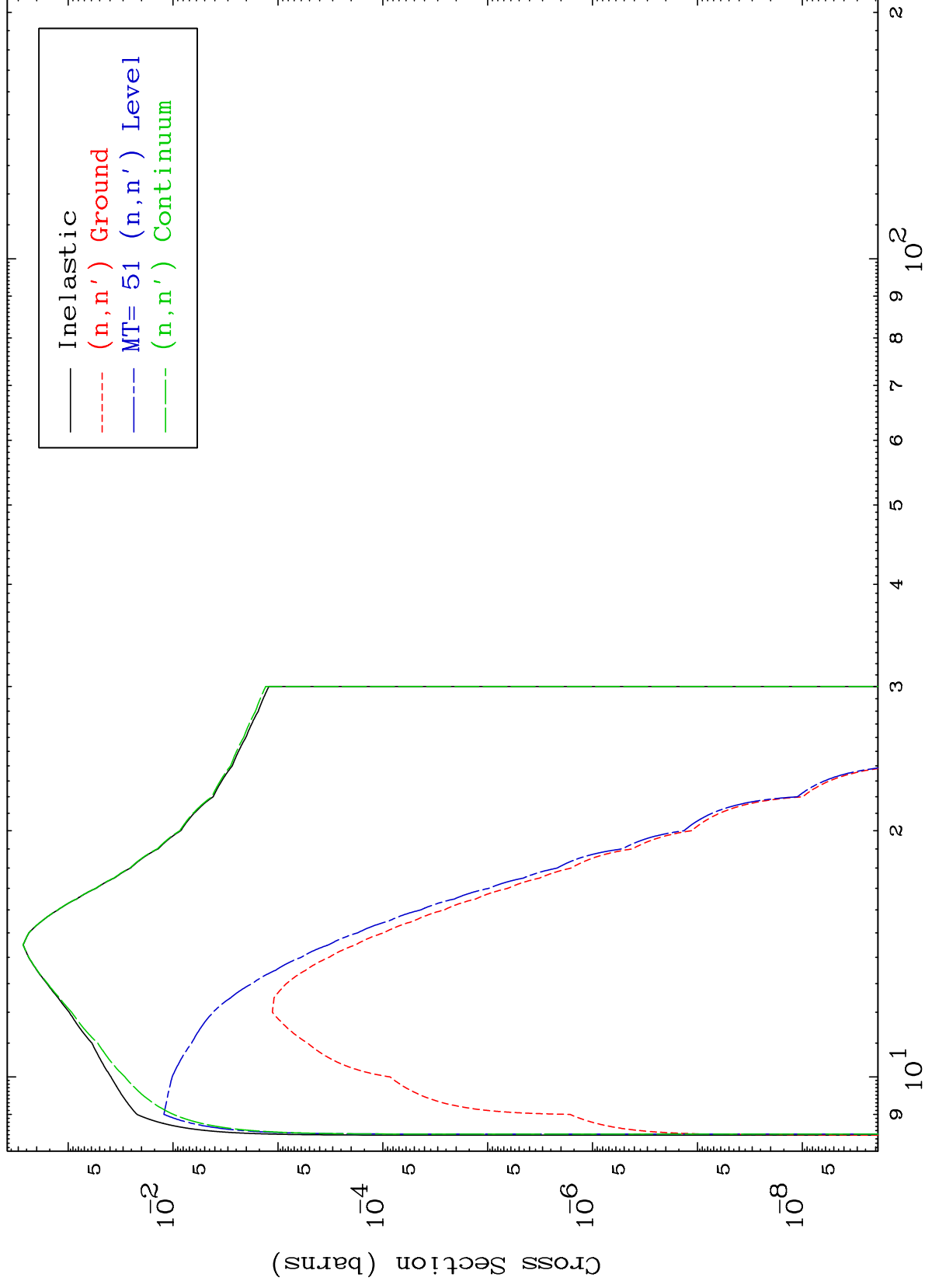
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



50-Sn-124

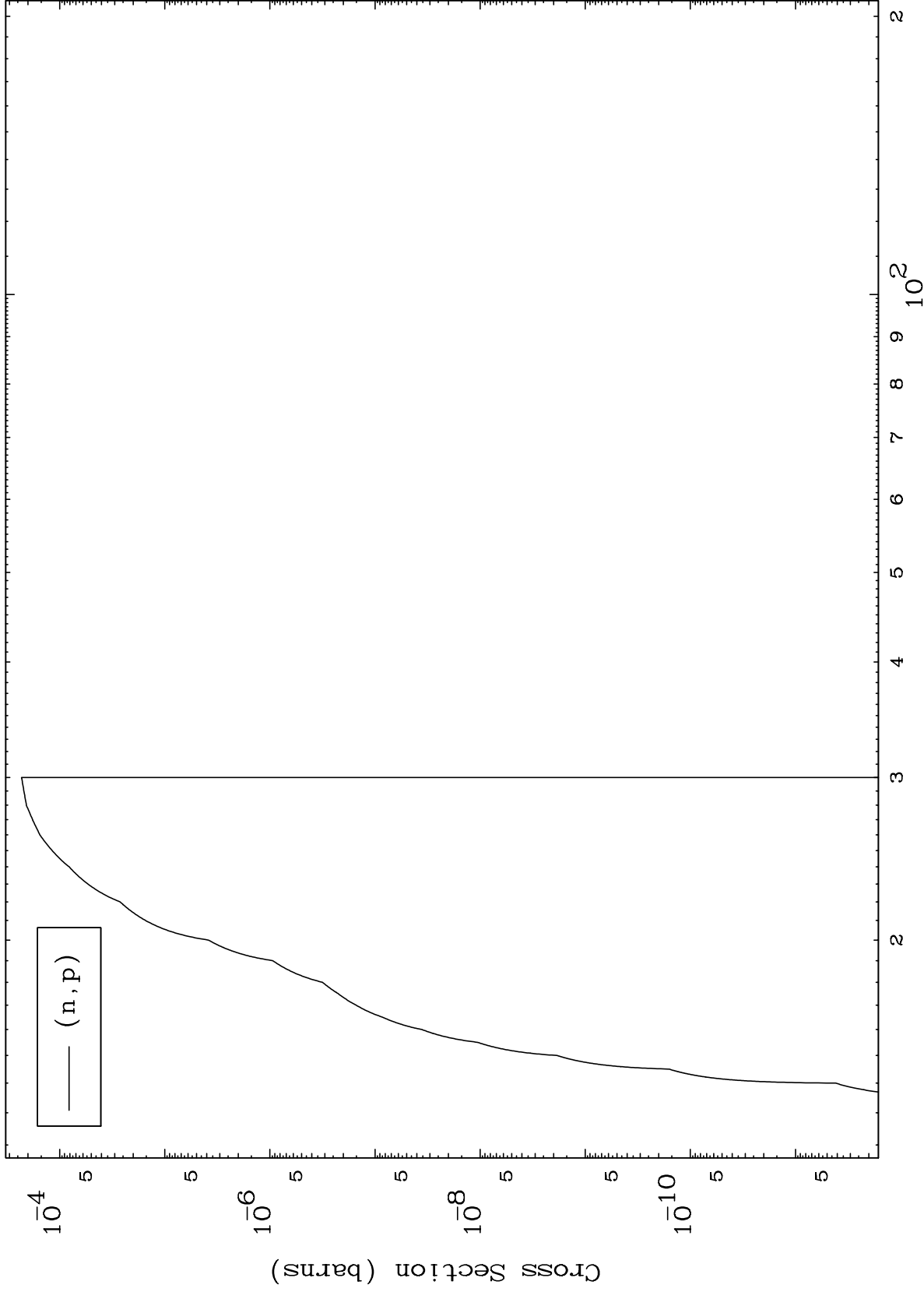
Incident Energy (MeV)

5

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

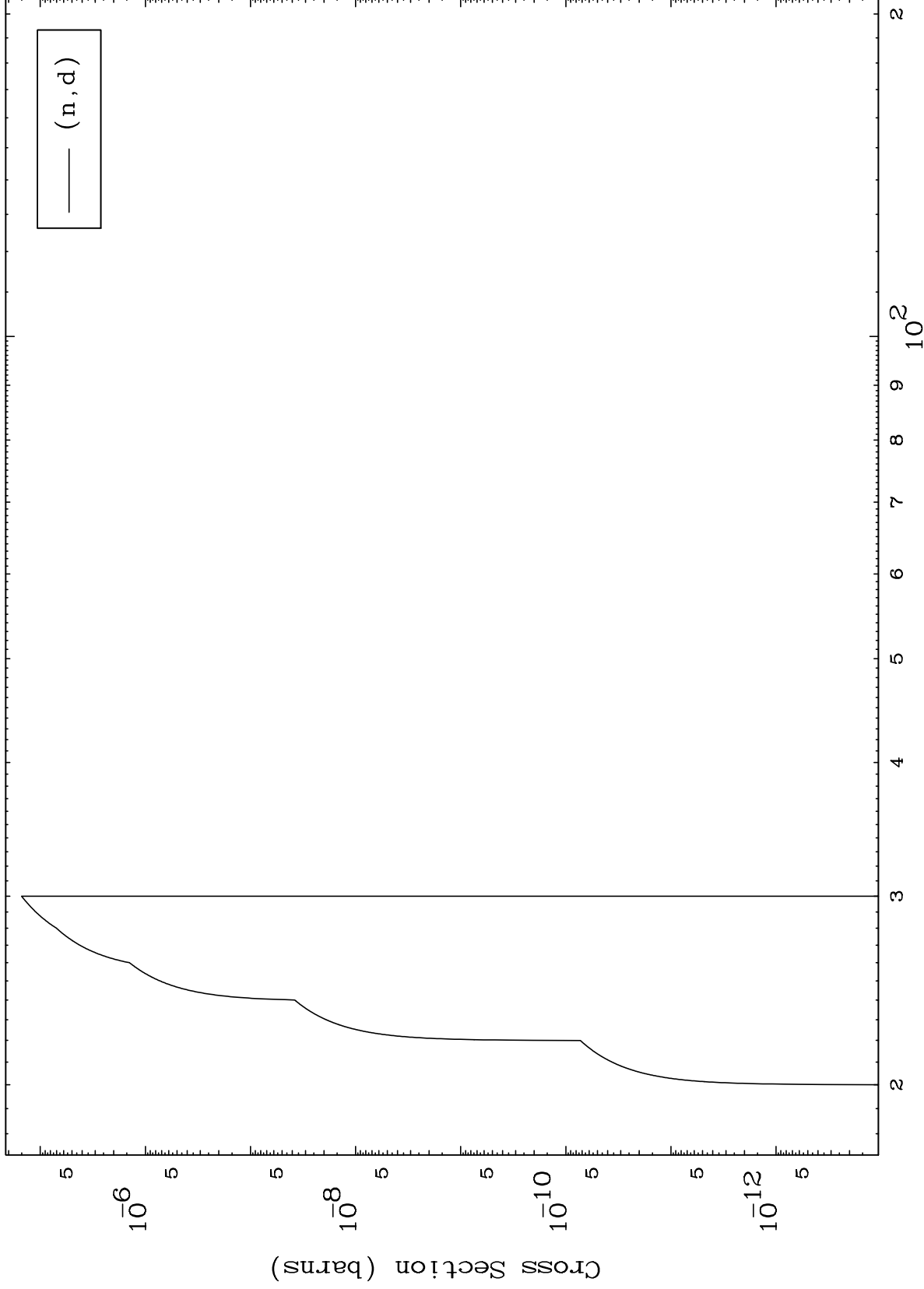
50-Sn-124



Incident Energy (MeV)

50-Sn-124

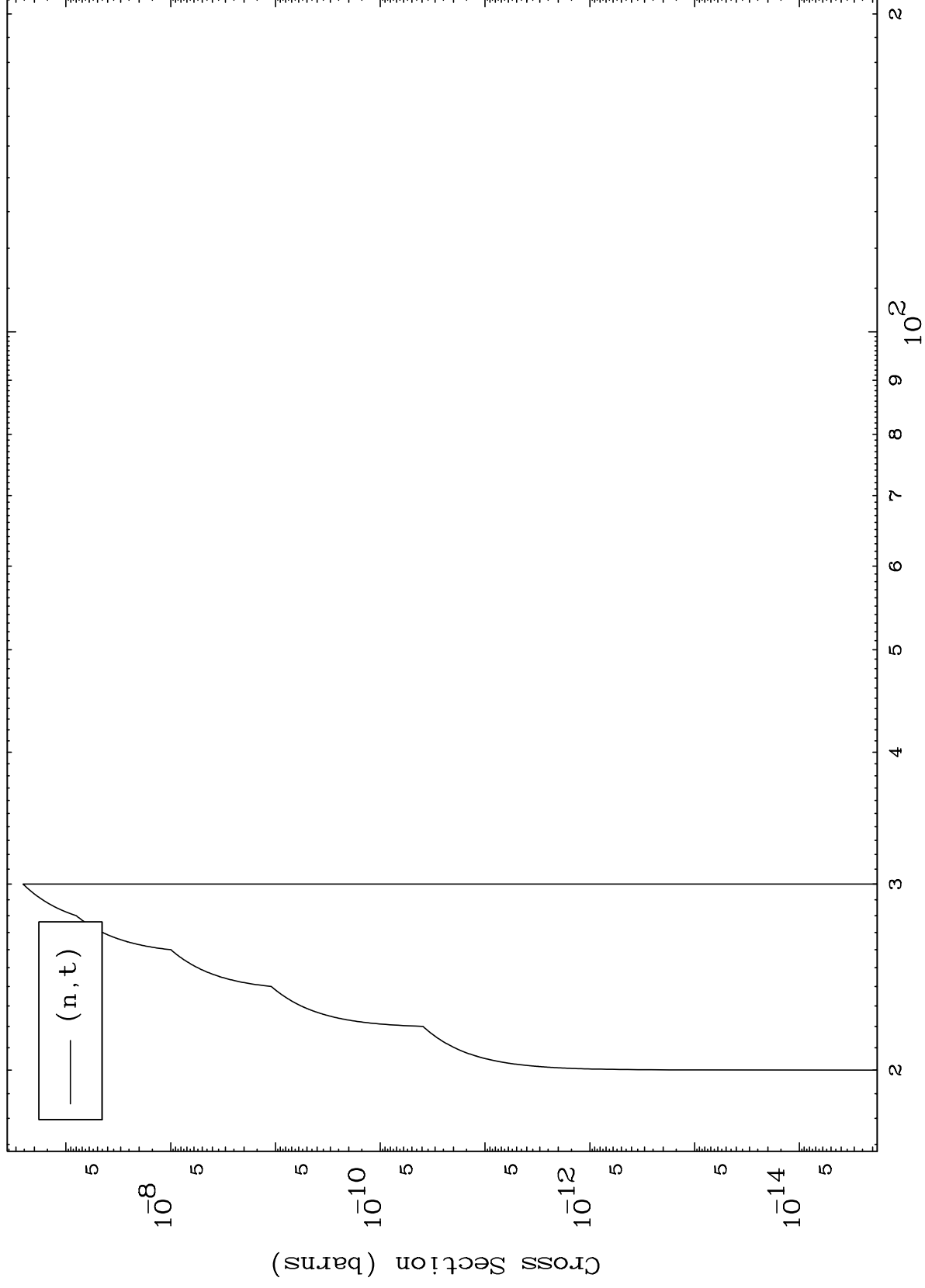
6



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

50-Sn-124



8

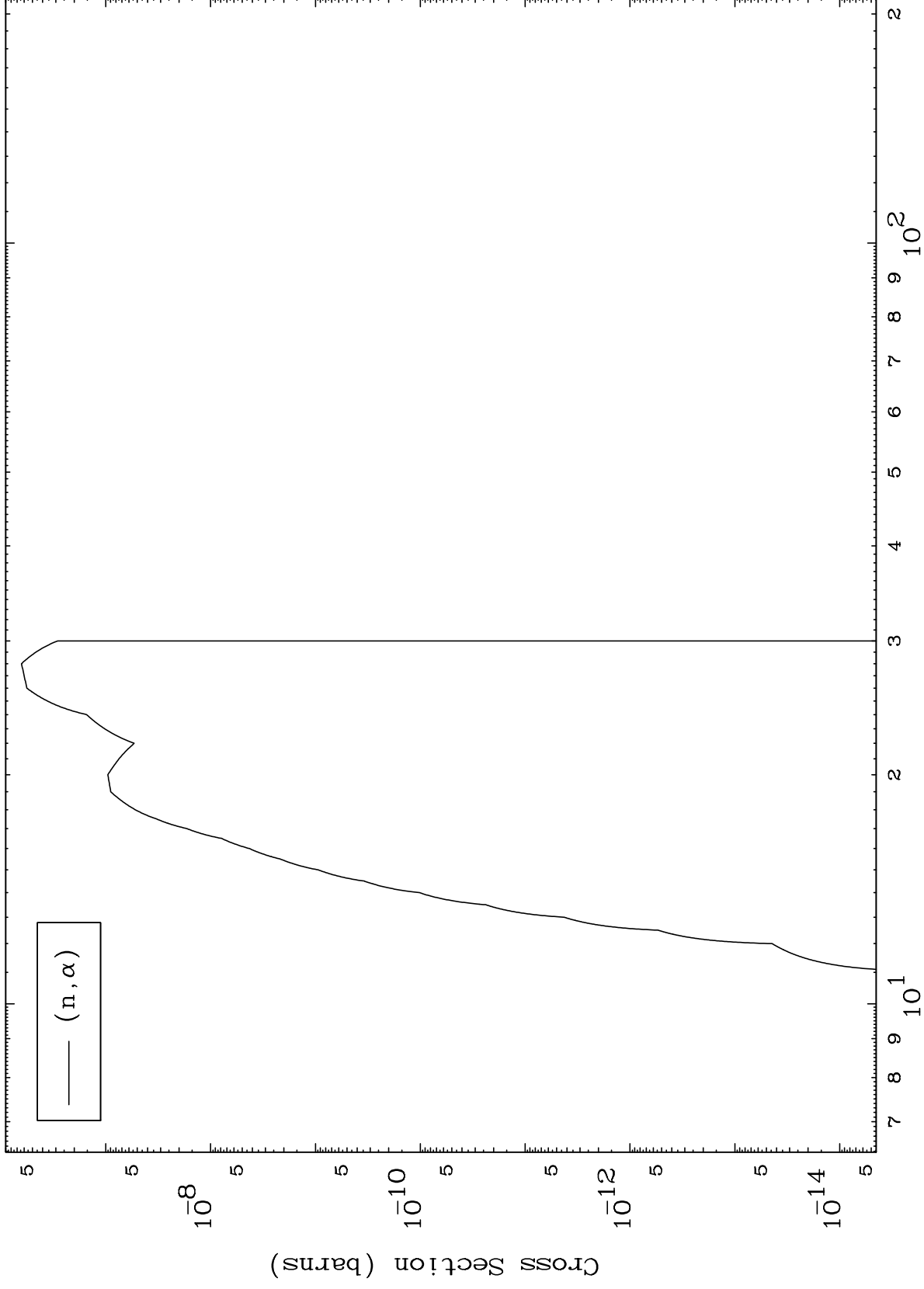
Incident Energy (MeV)

50-Sn-124

MAT 5061

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

50-Sn-124



9

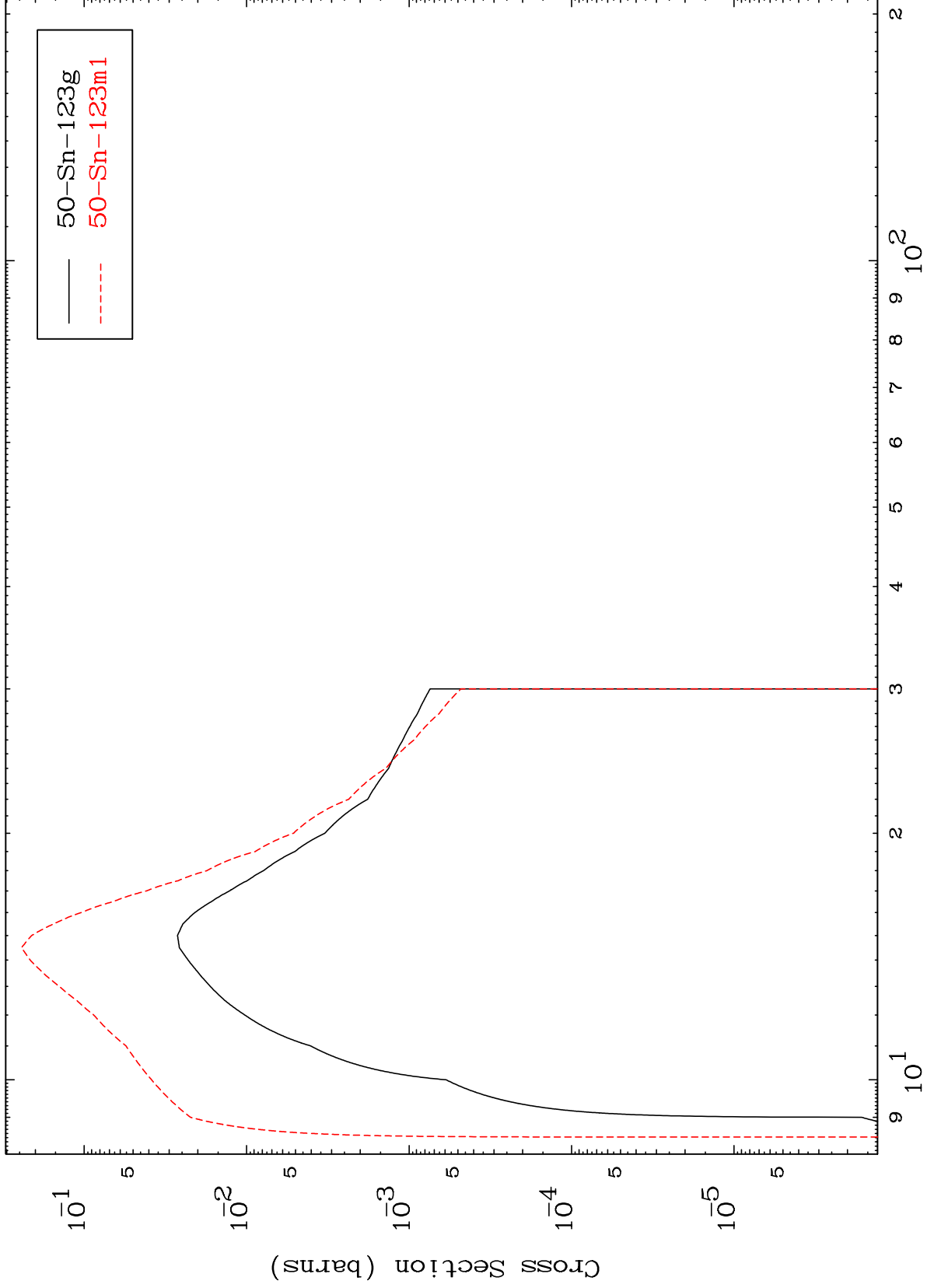
Incident Energy (MeV)

50-Sn-124

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50-Sn-124

Inelastic  
Radionuclide Production Cross Section



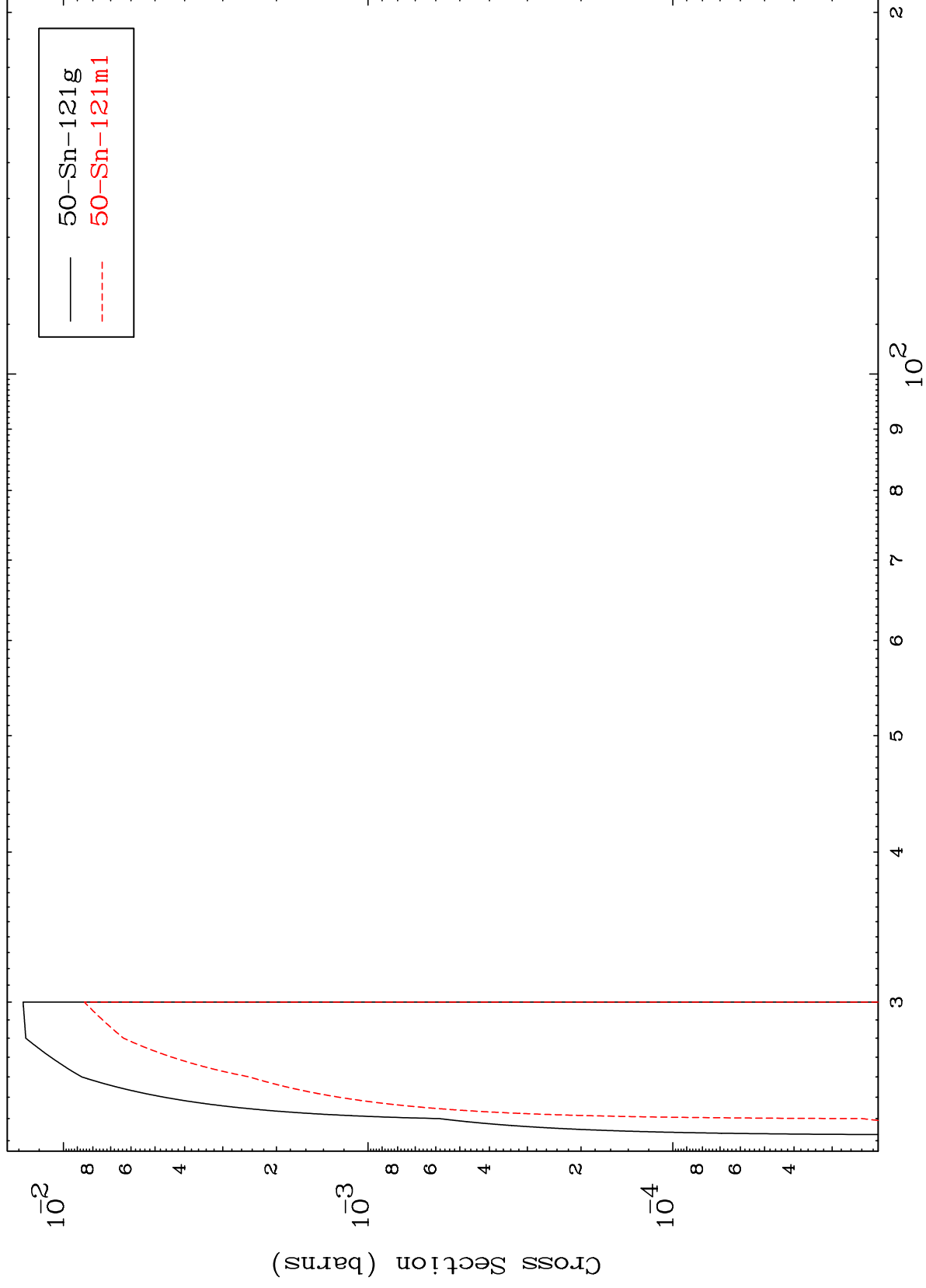
50-Sn-124

Incident Energy (MeV)

MAT 5061

50-Sn-124

(n,3n)  
Radionuclide Production Cross Section



11

50-Sn-124

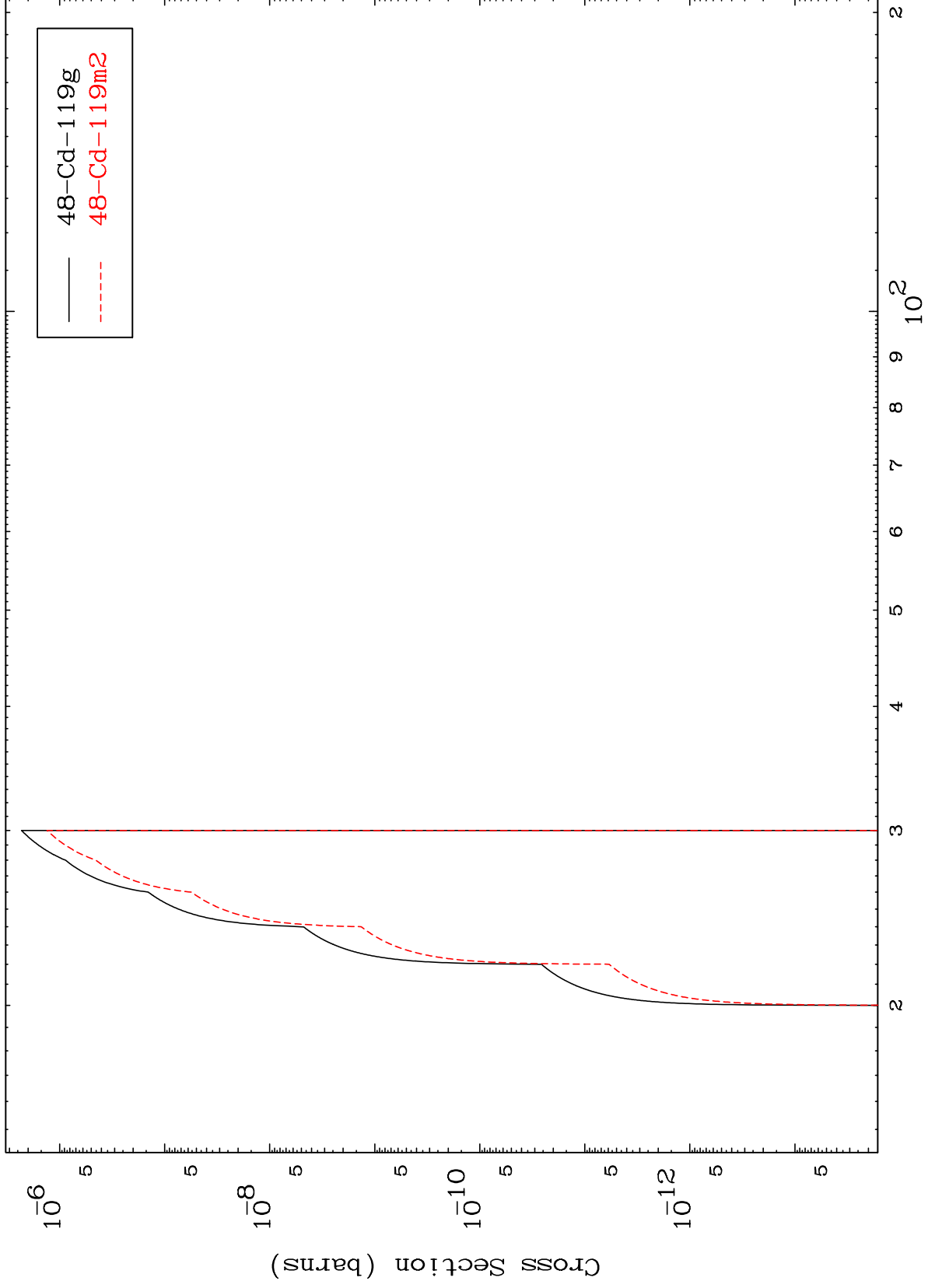
Incident Energy (MeV)

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

50-Sn-124

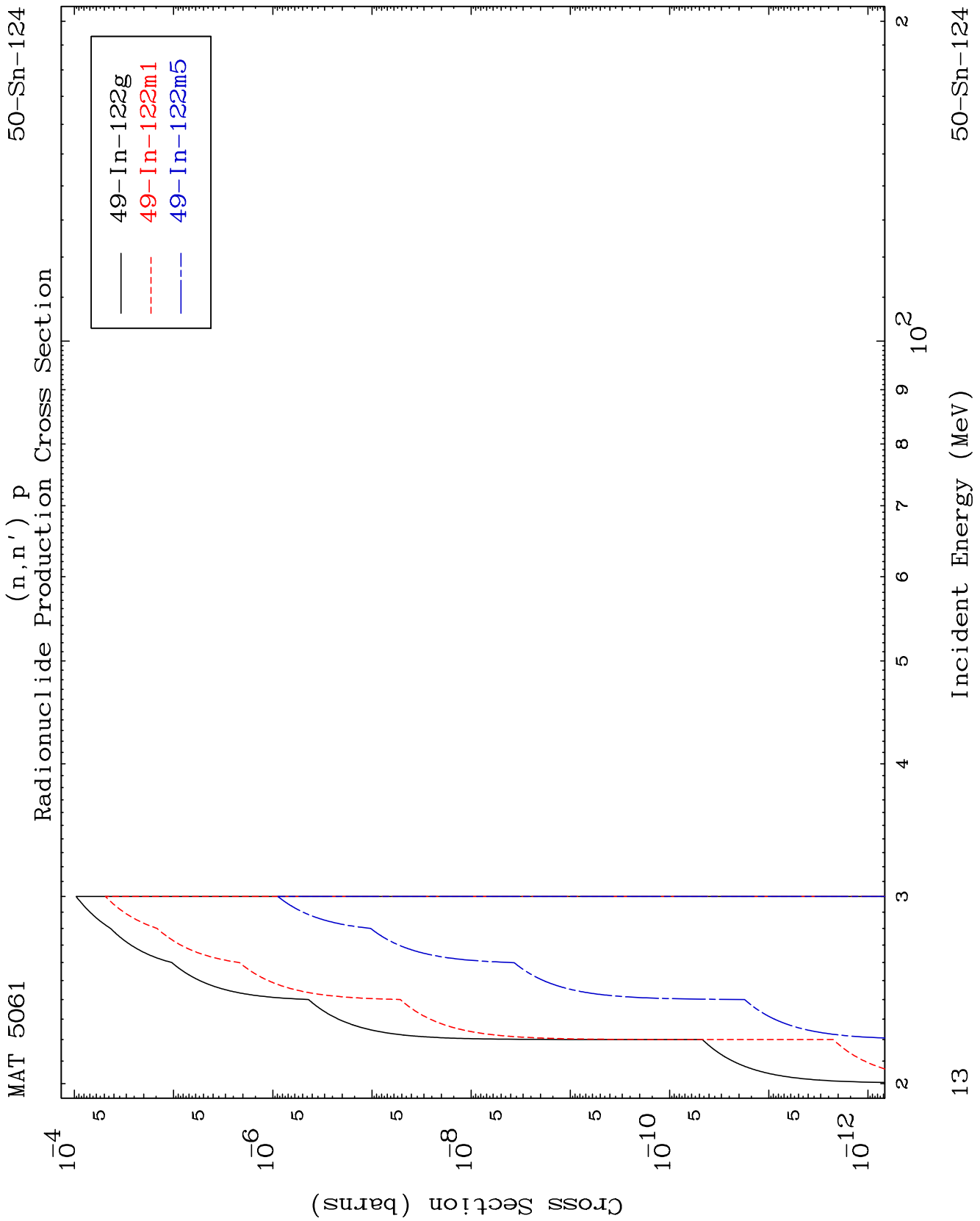
Radionuclide Production Cross Section



12

Incident Energy (MeV)

50-Sn-124

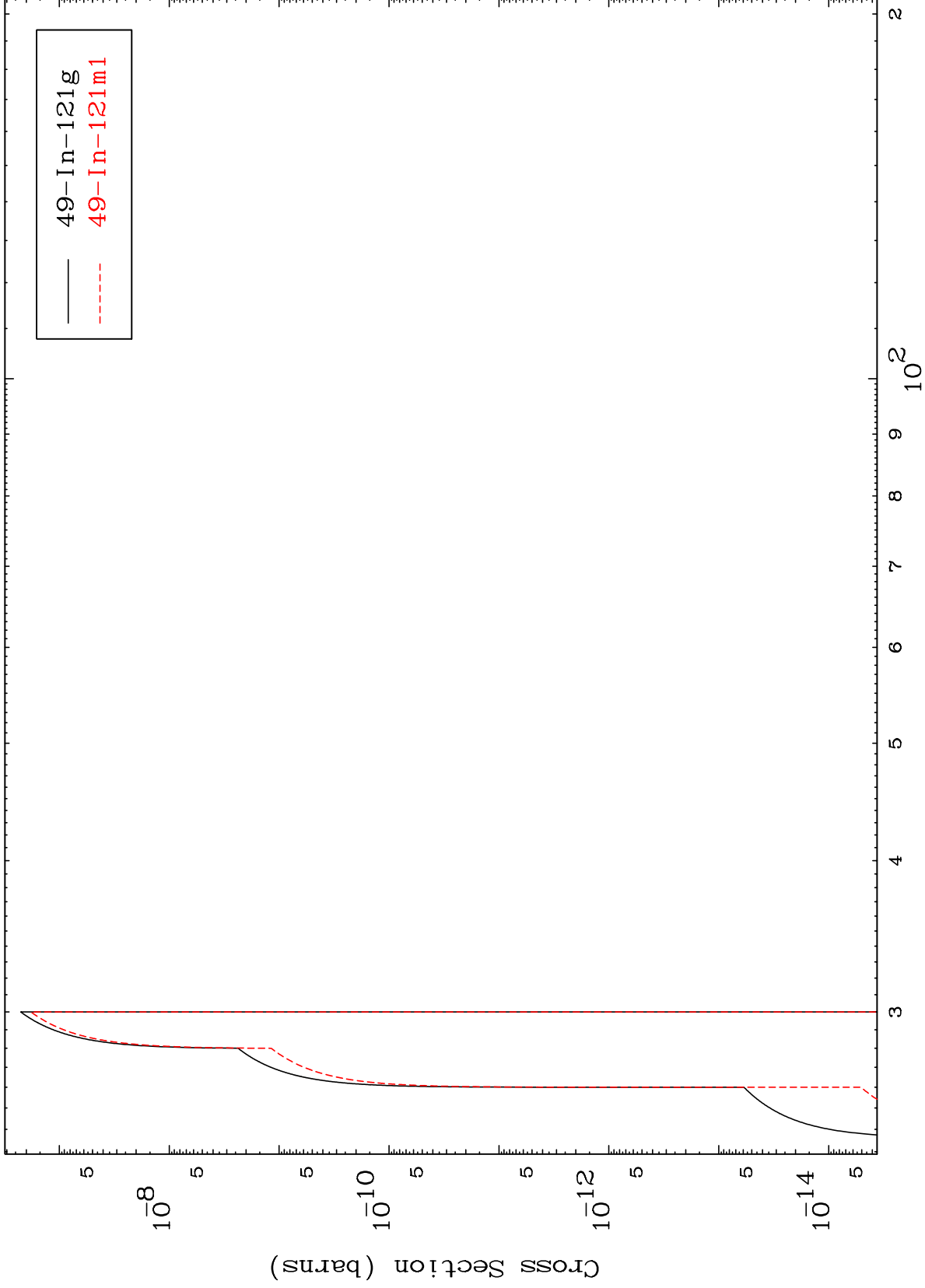


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(n,n') d

50-Sn-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

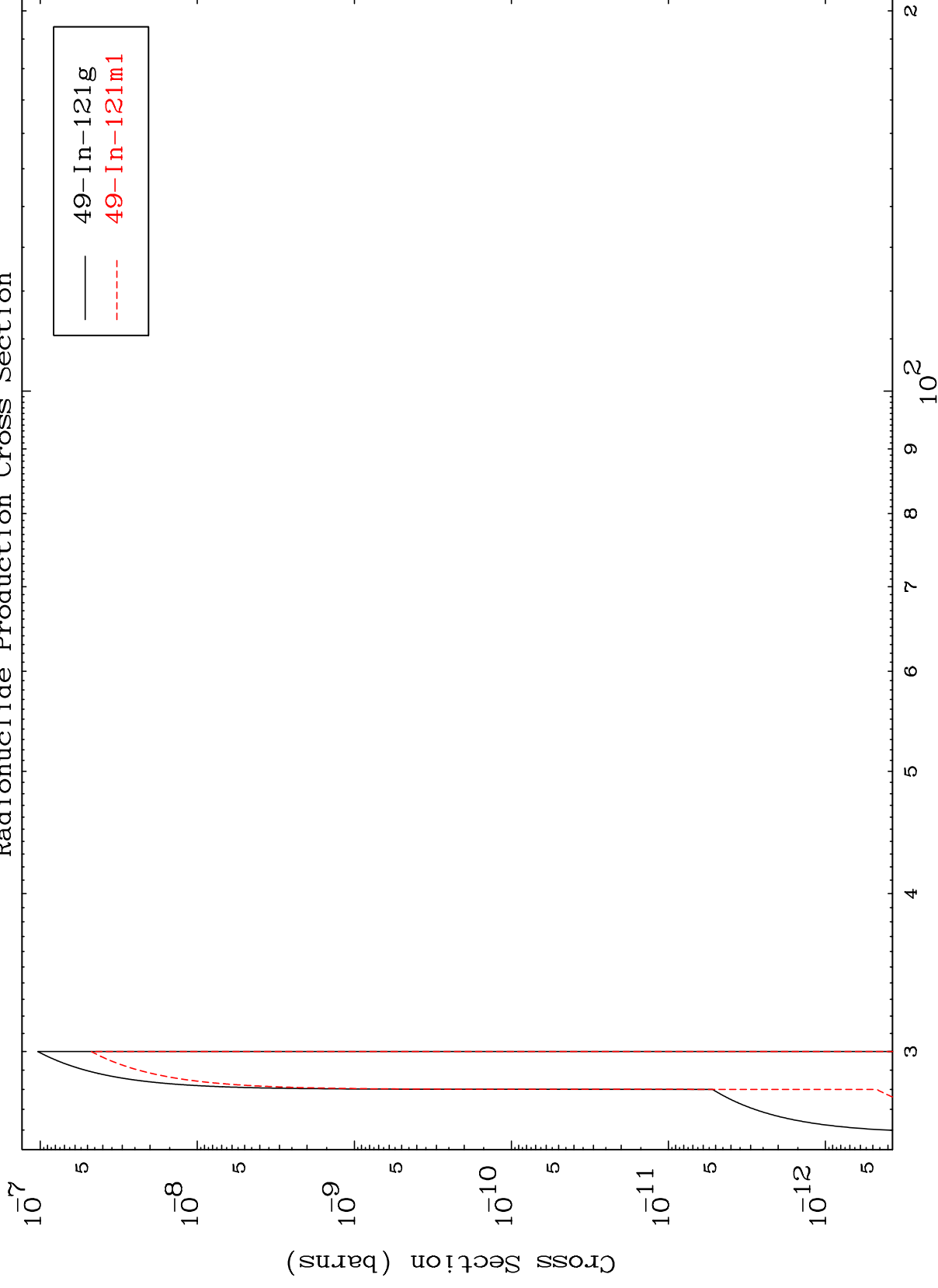
50-Sn-124

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(n,2n) p

50-Sn-124

Radionuclide Production Cross Section



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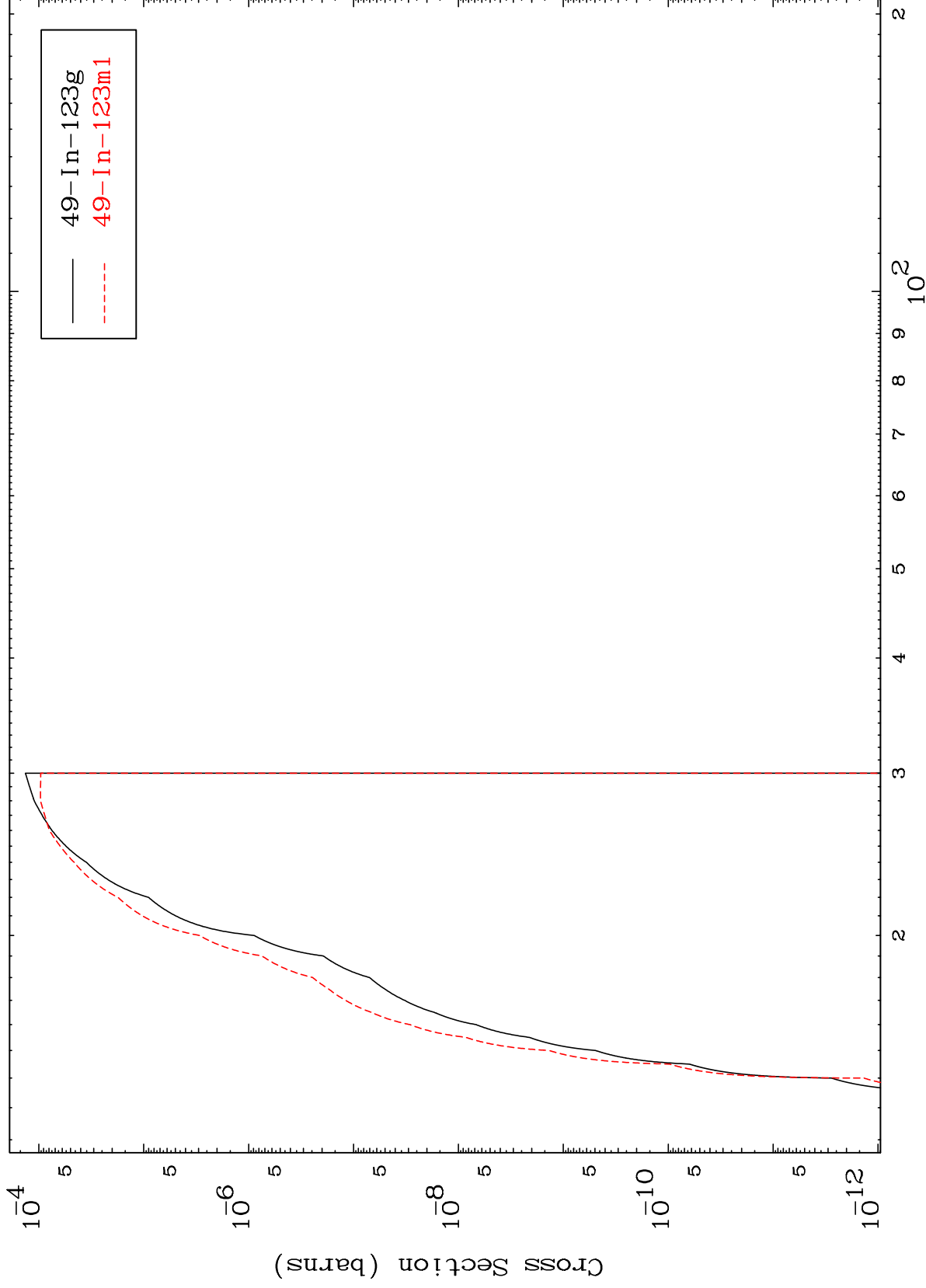
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

(n,p)  
Radionuclide Production Cross Section

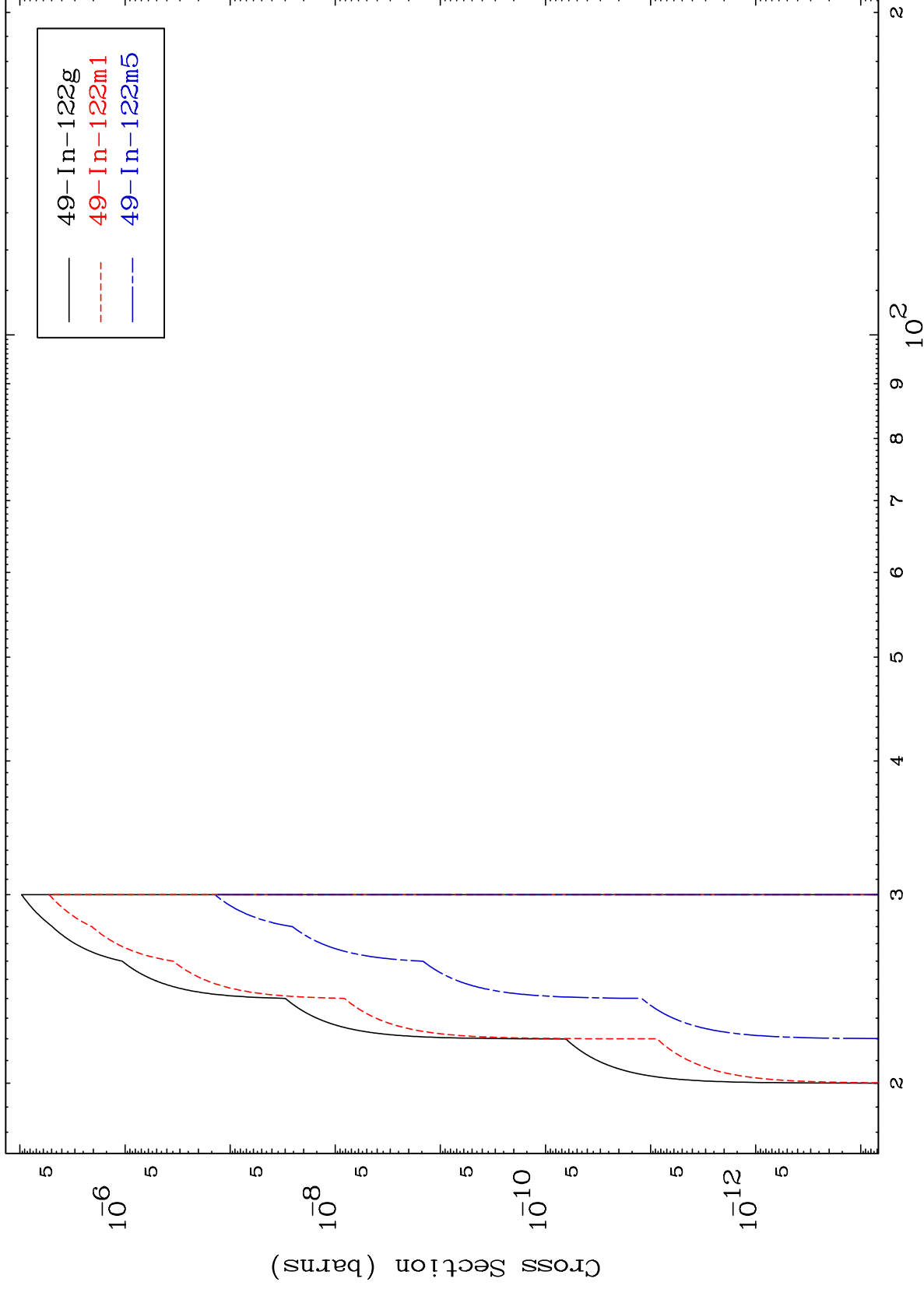


16

Incident Energy (MeV)

50-Sn-124

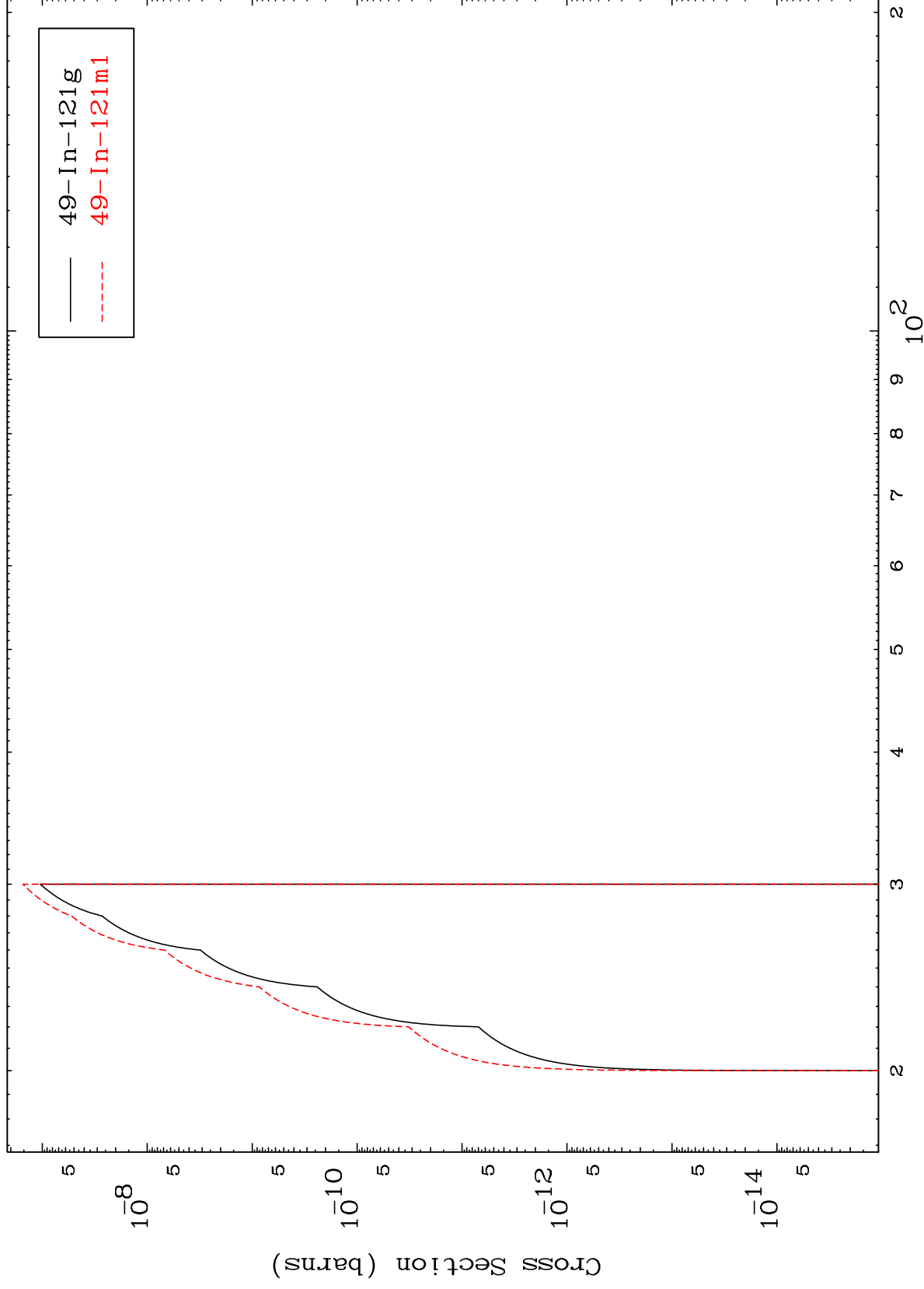
(n,d)  
Radionuclide Production Cross Section



MAT 5061

50-Sn-124

(n,t)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-124