

Program EVALPLOT  
(Version 2021-1)

by

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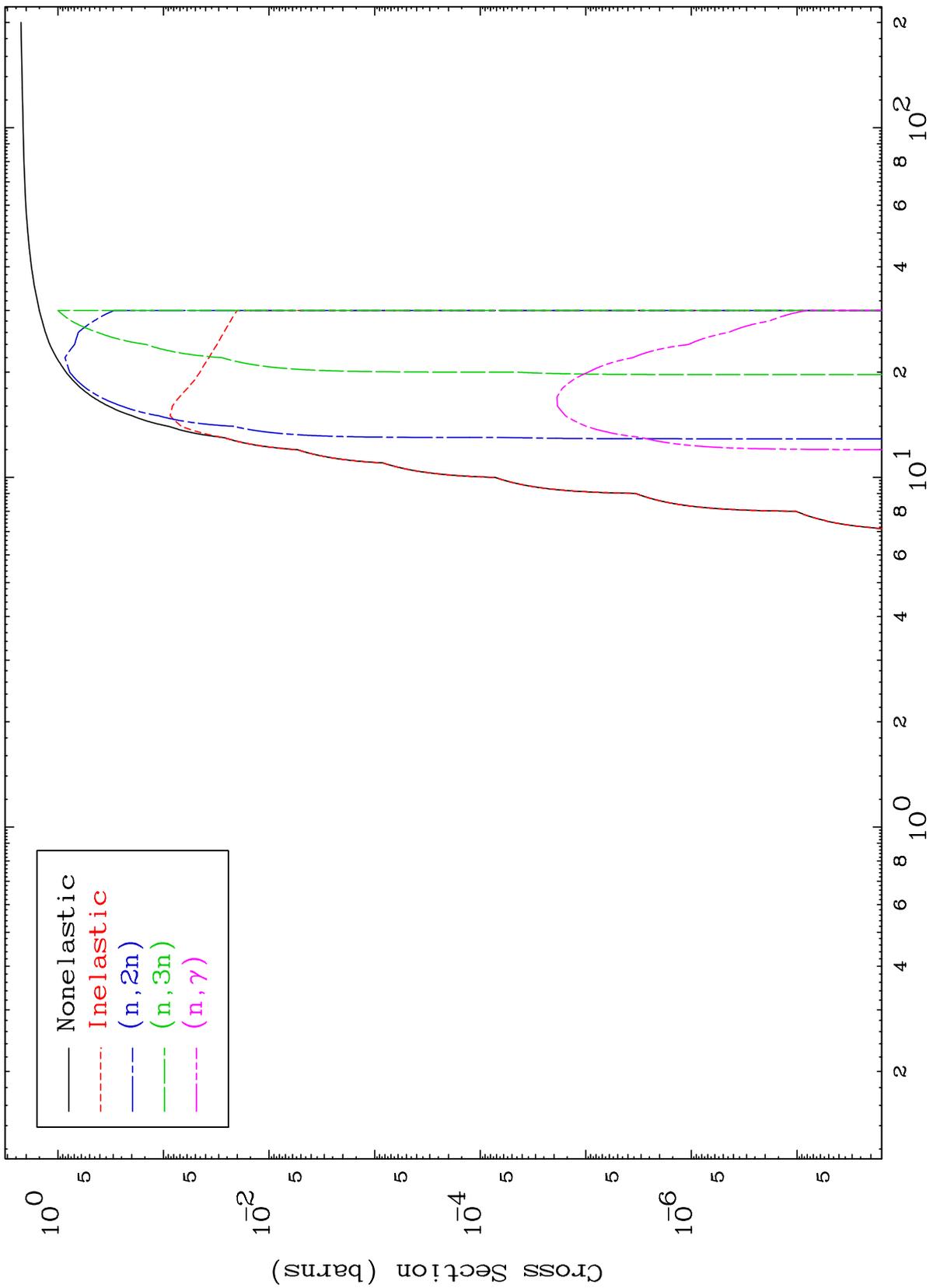
Press Mouse Button to Start

MAT 5059

$\alpha$  Major

50-Sn-123m

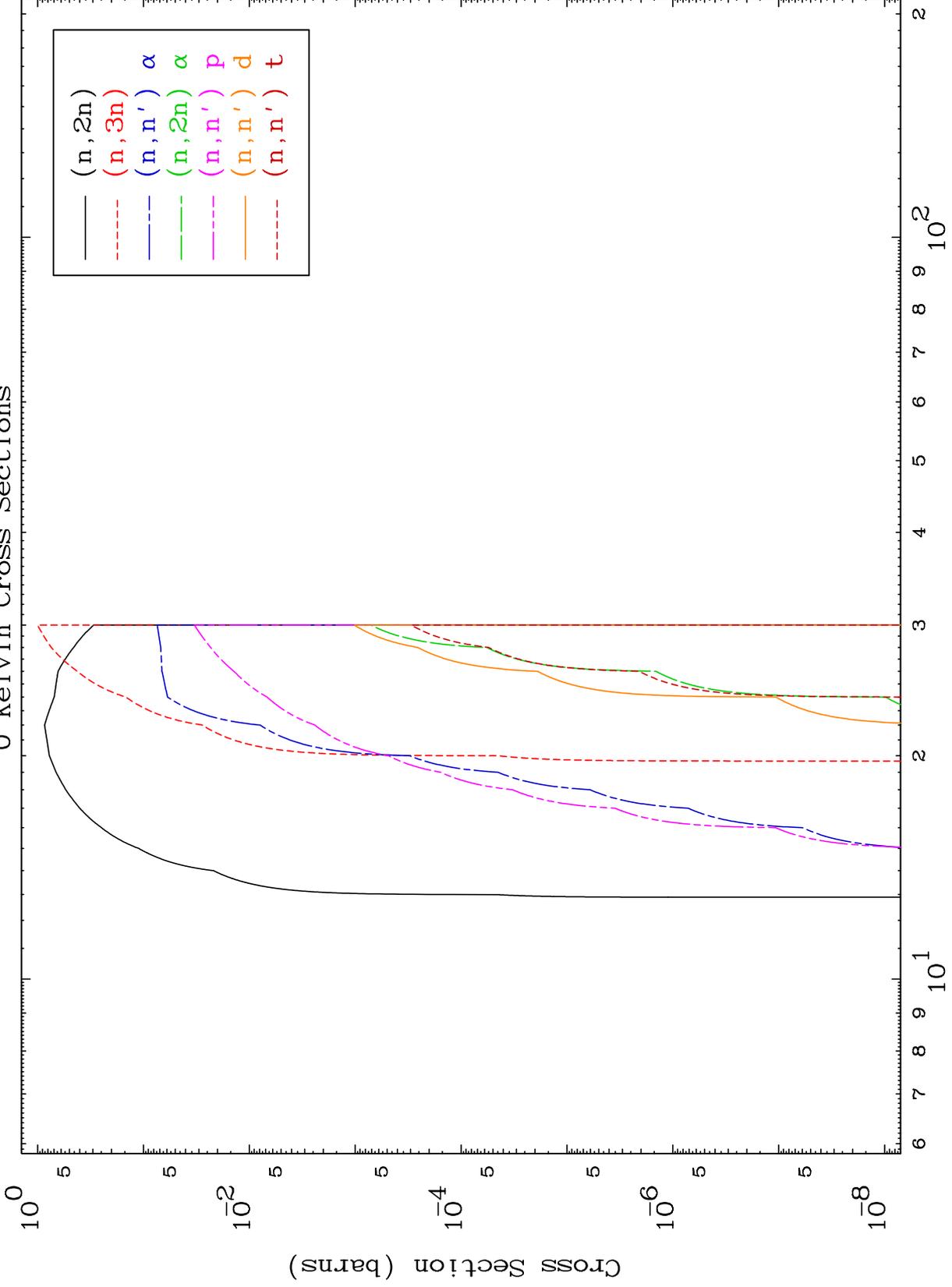
0 Kelvin Cross Sections



MAT 5059

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-123m



2

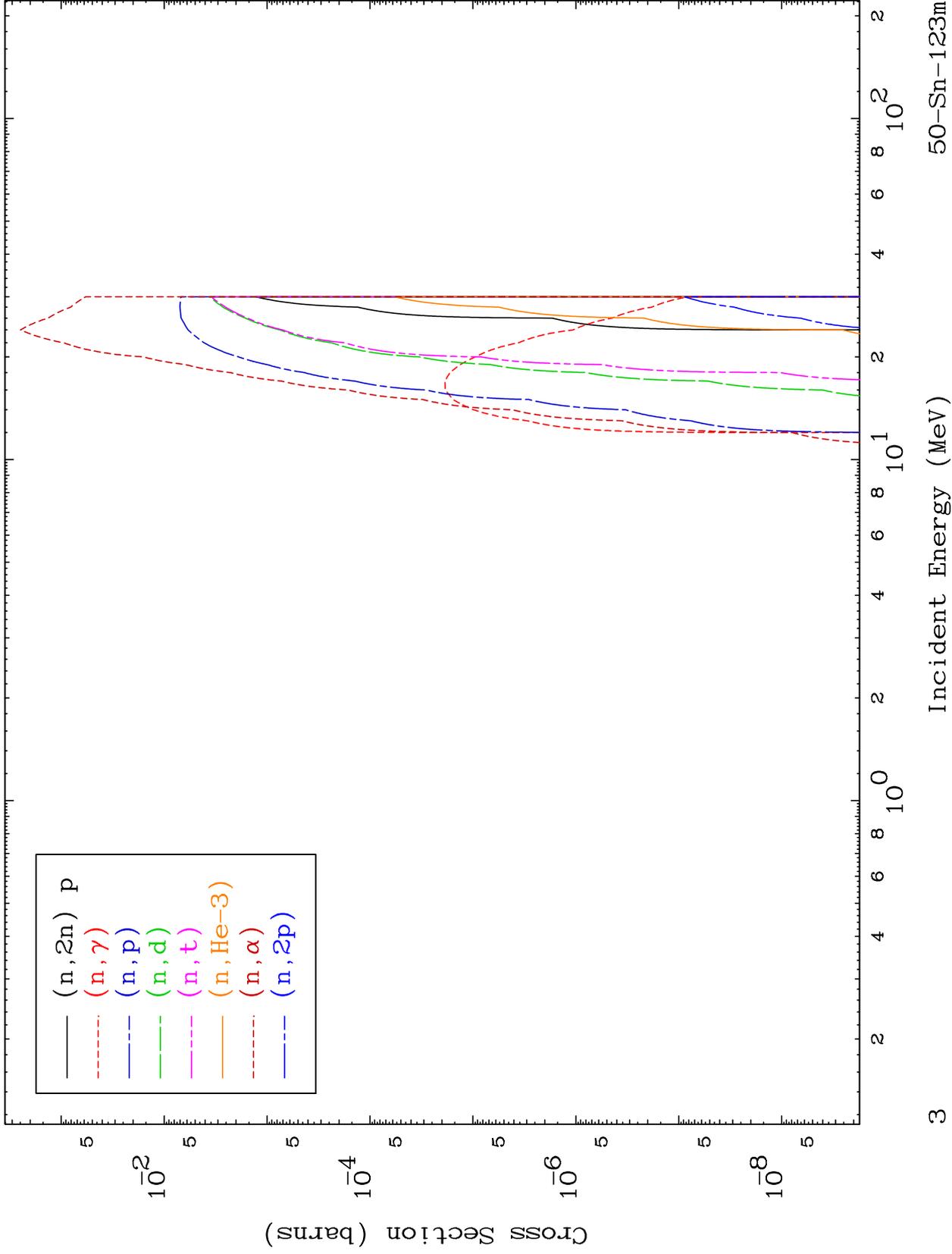
Incident Energy (MeV)

50-Sn-123m

MAT 5059

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

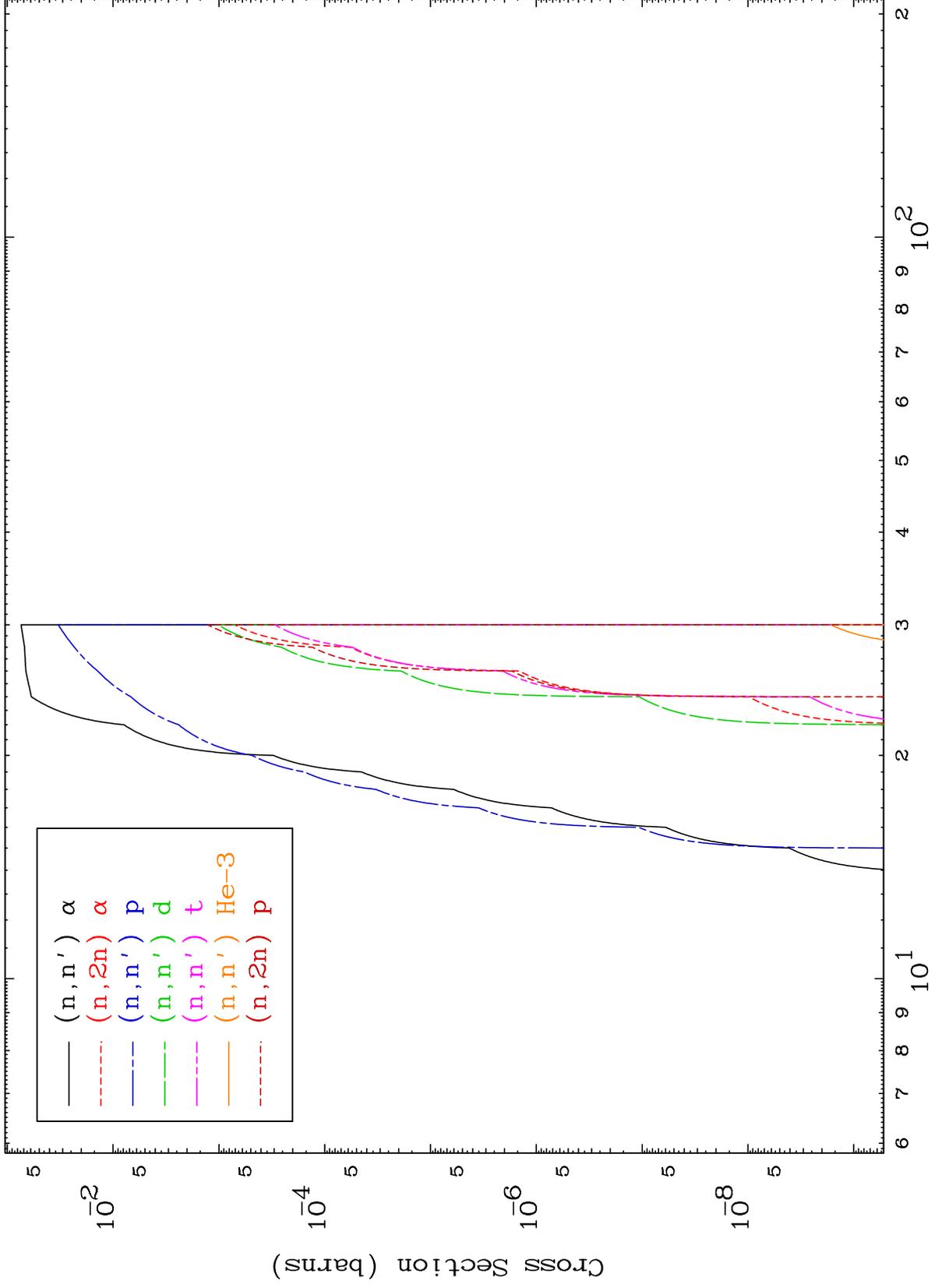
50-Sn-123m



MAT 5059

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

50-Sn-123m

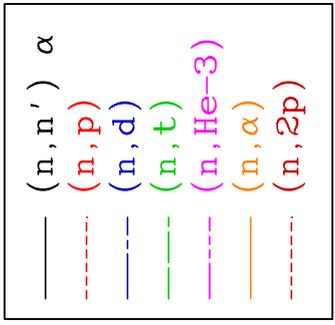
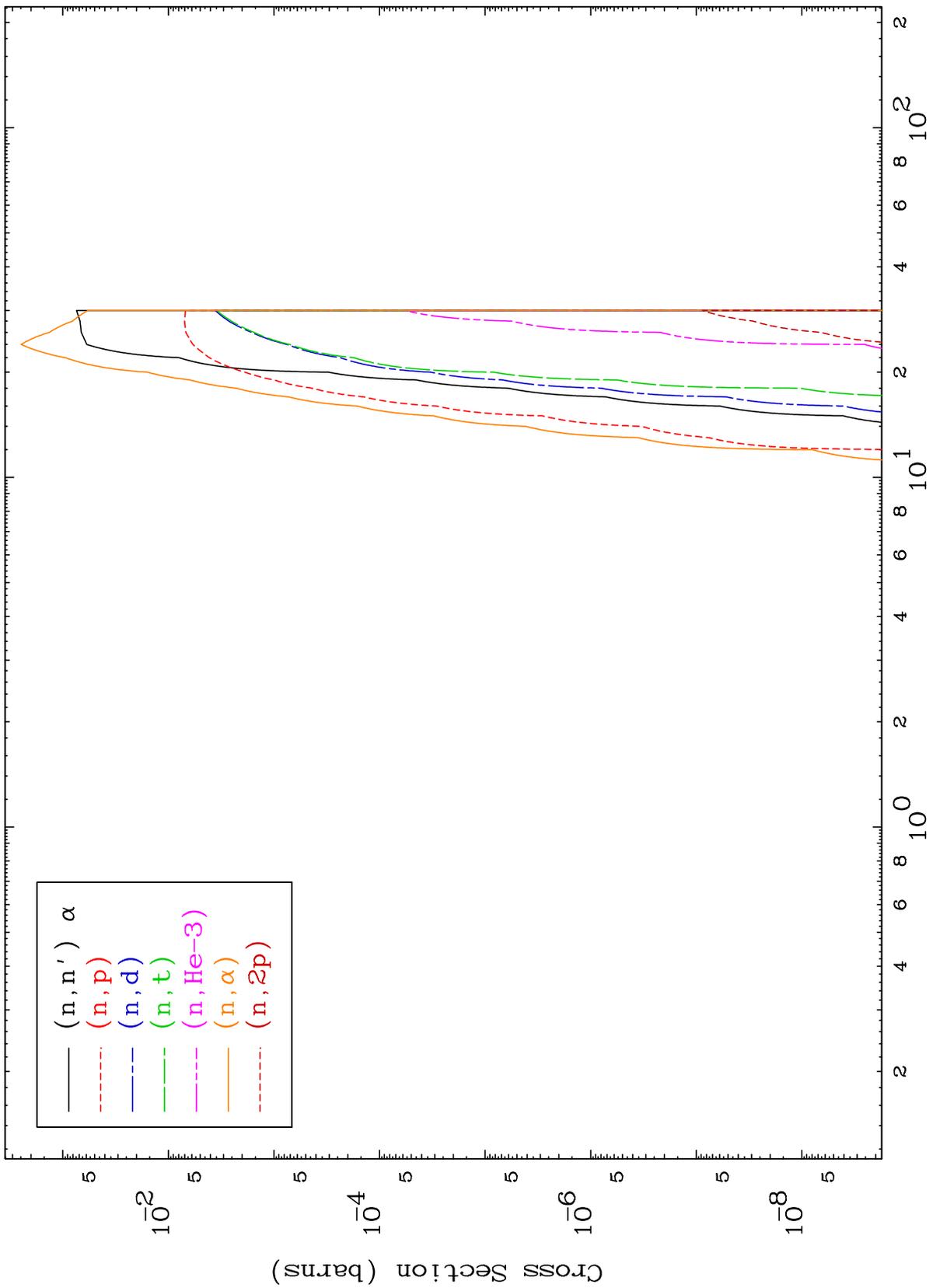


MAT 5059

$\alpha$  Charged Particle

50-Sn-123m

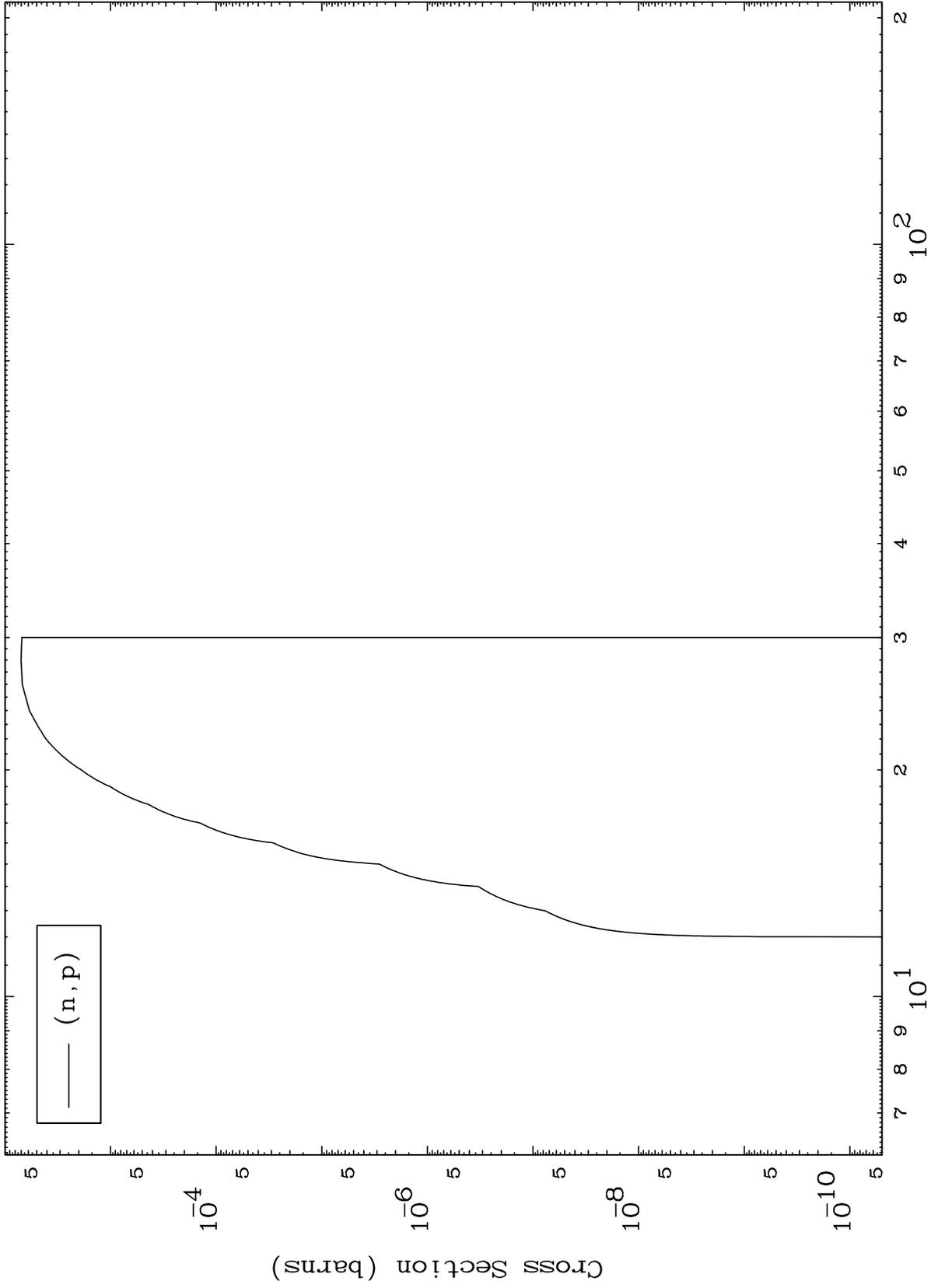
0 Kelvin Cross Sections



MAT 5059

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

50-Sn-123m



6

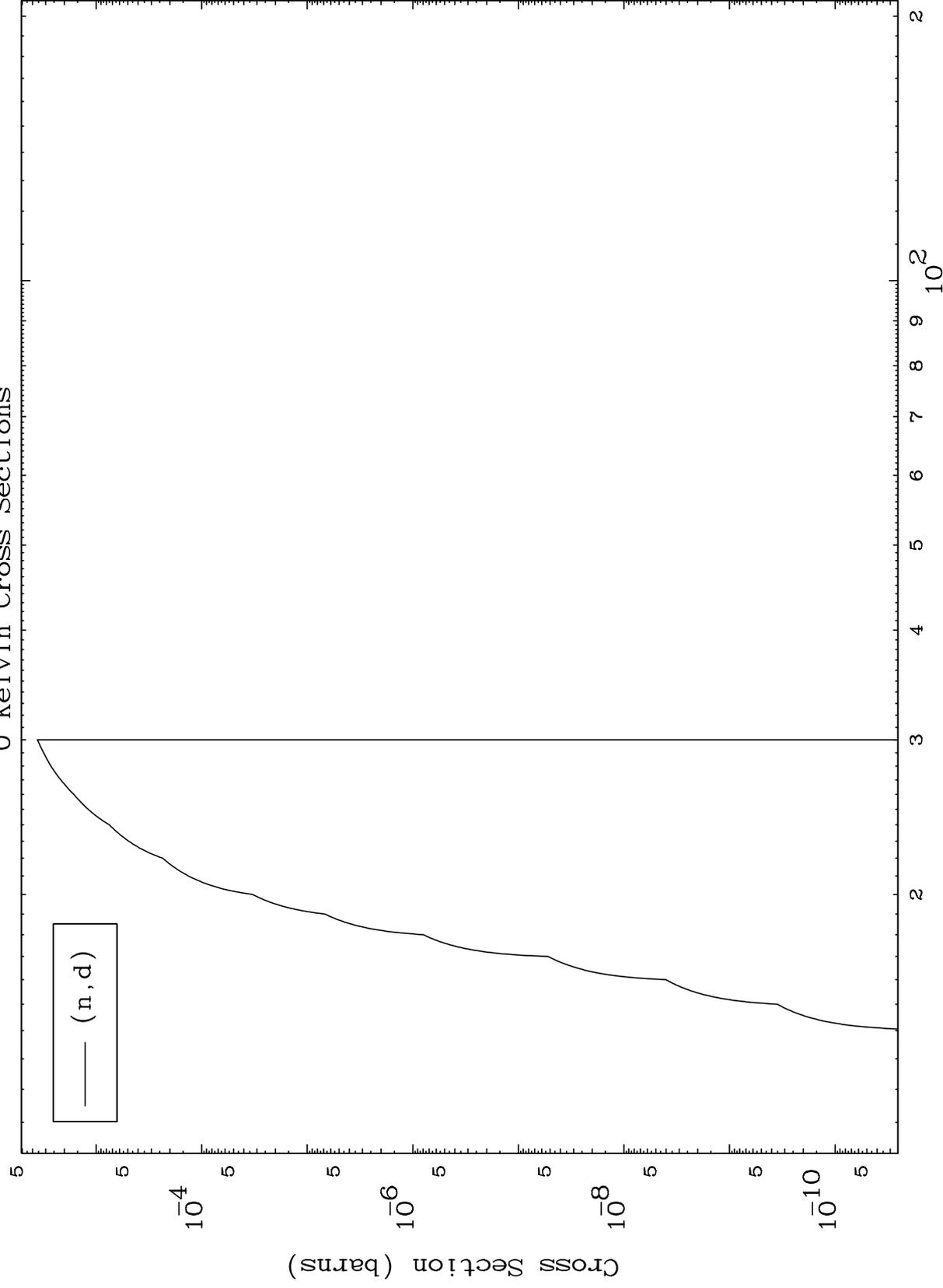
Incident Energy (MeV)

50-Sn-123m

MAT 5059

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

50-Sn-123m



7

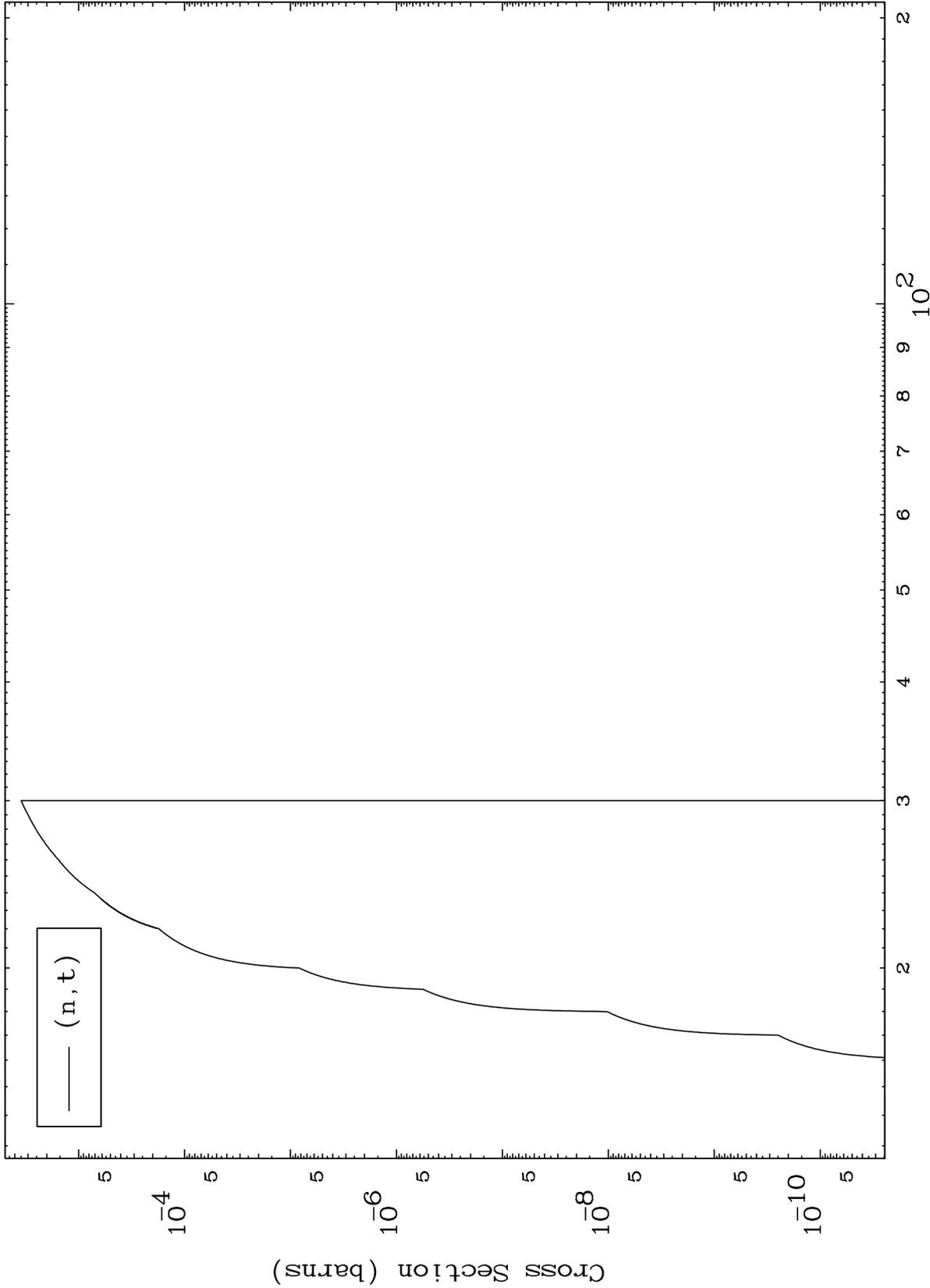
Incident Energy (MeV)

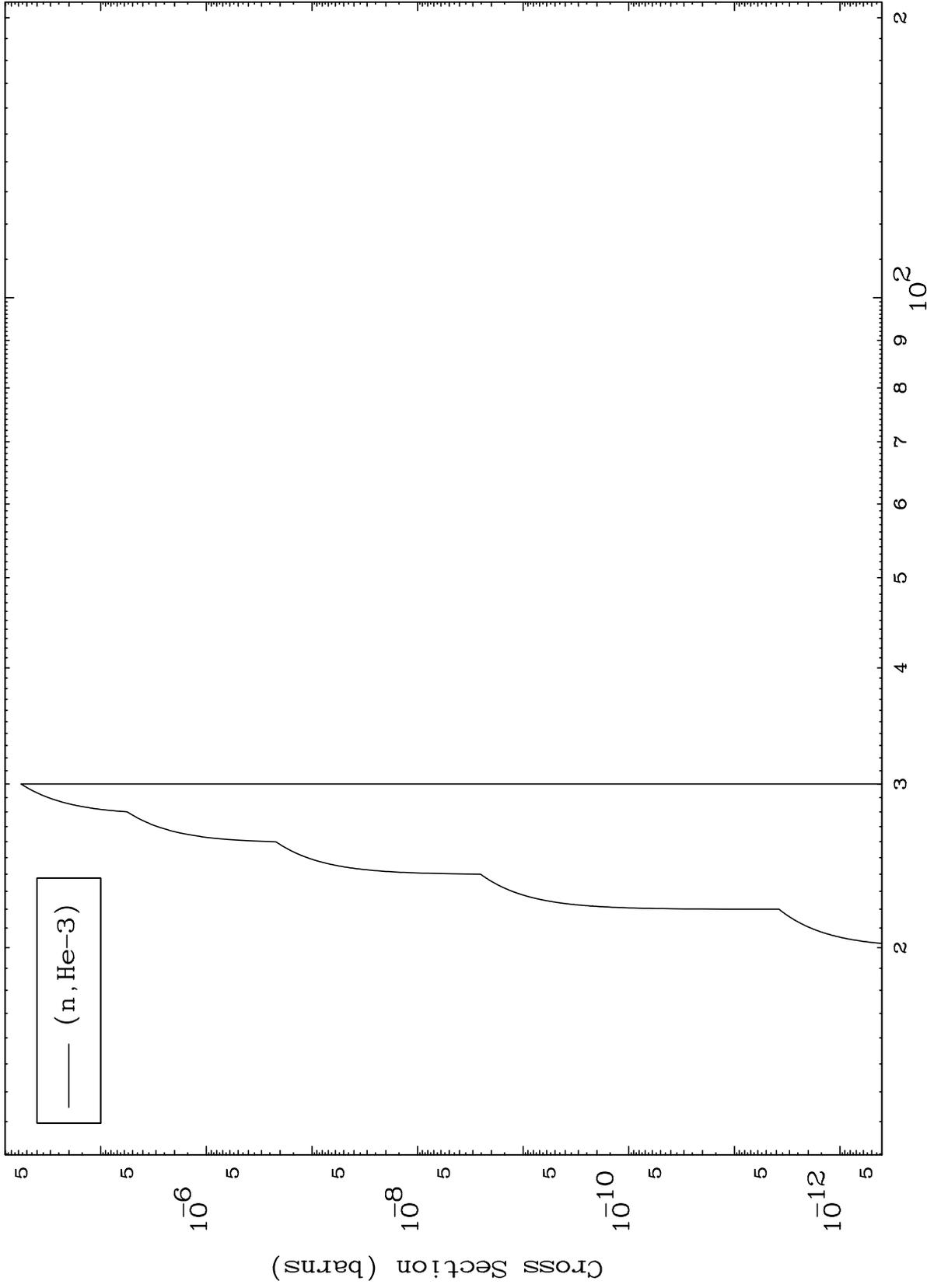
50-Sn-123m

MAT 5059

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

50-Sn-123m



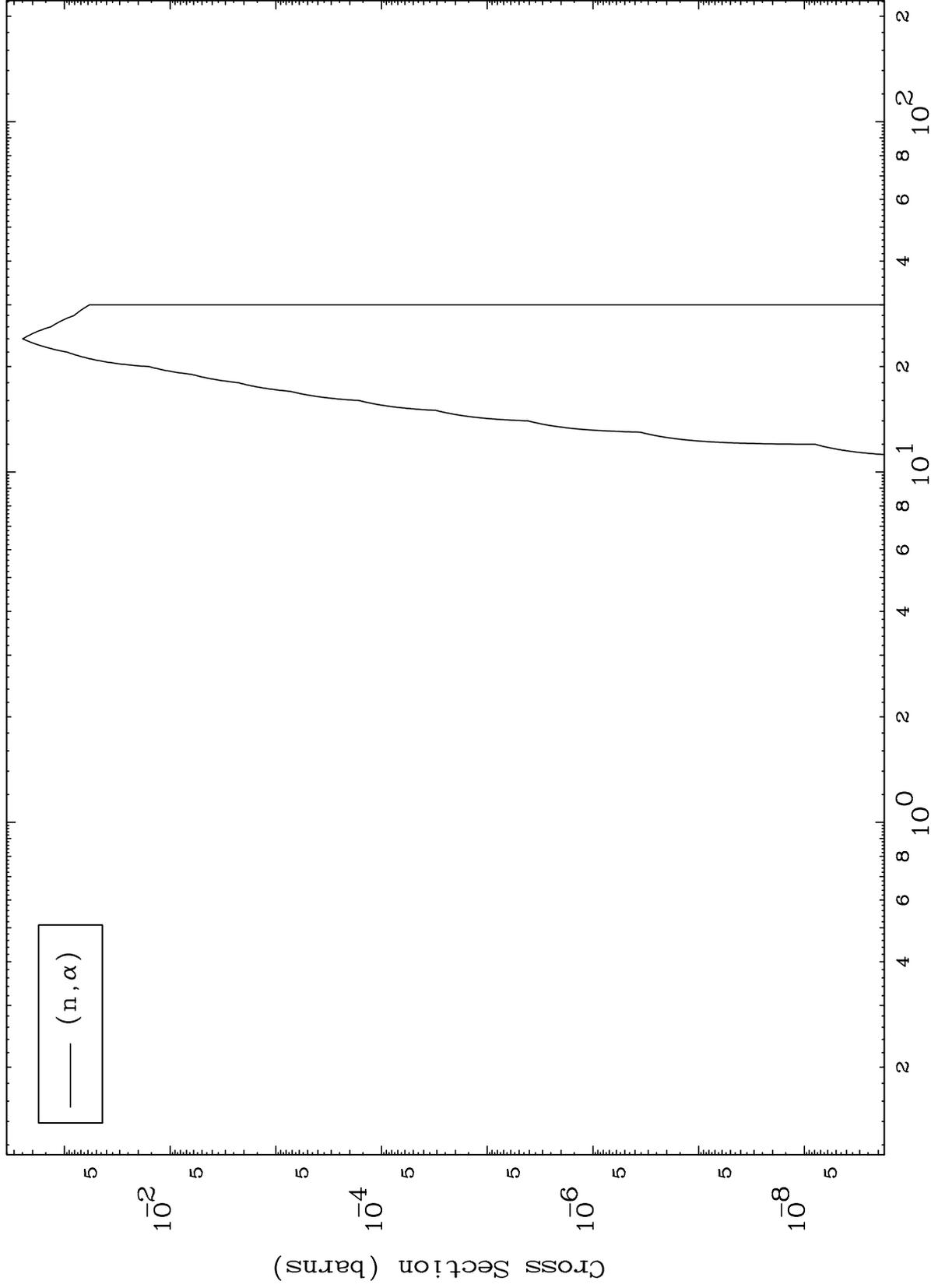


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( $\alpha, \alpha$ ) Levels

50-Sn-123m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

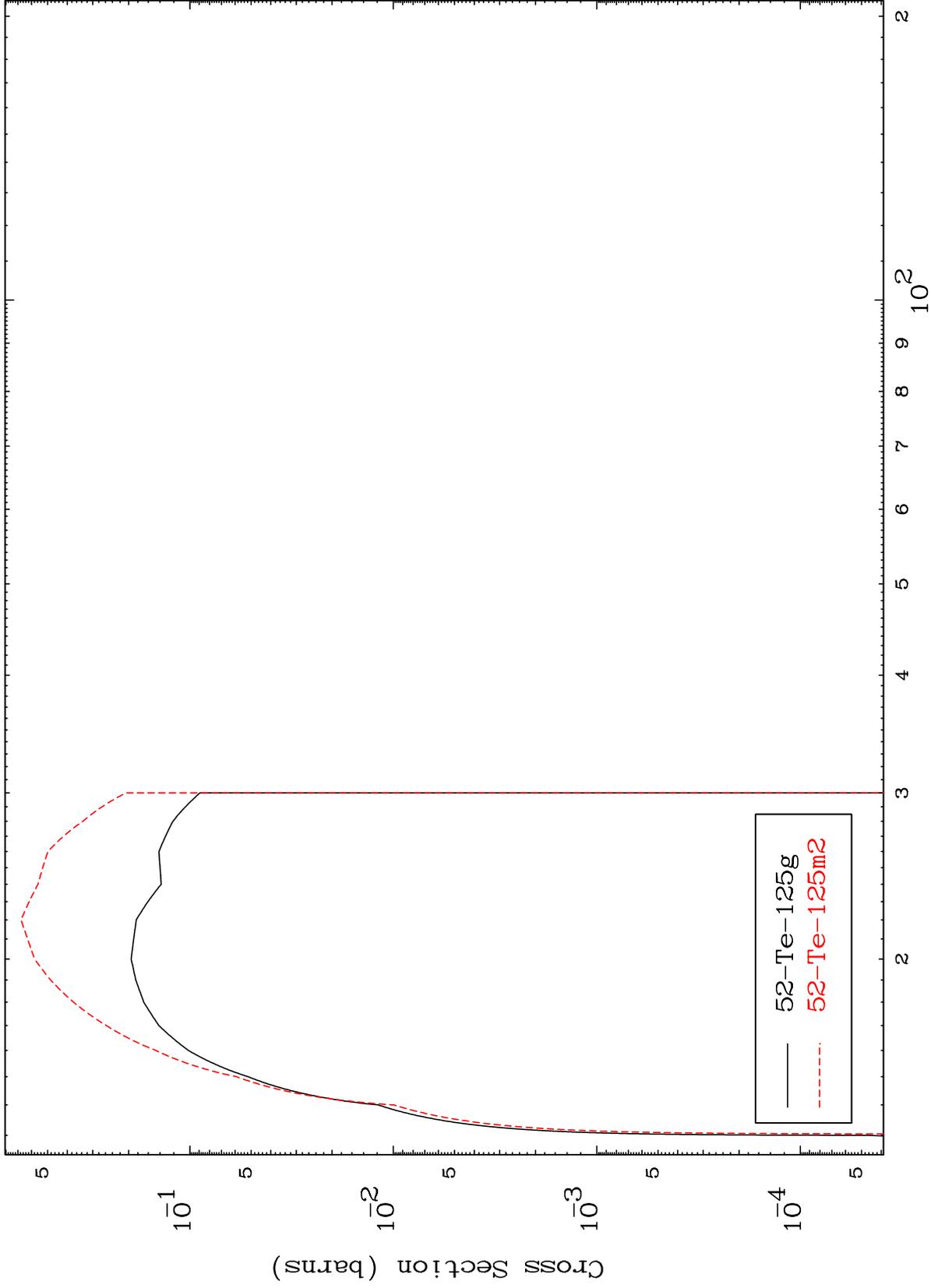
50-Sn-123m

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(n,2n)

50-Sn-123m

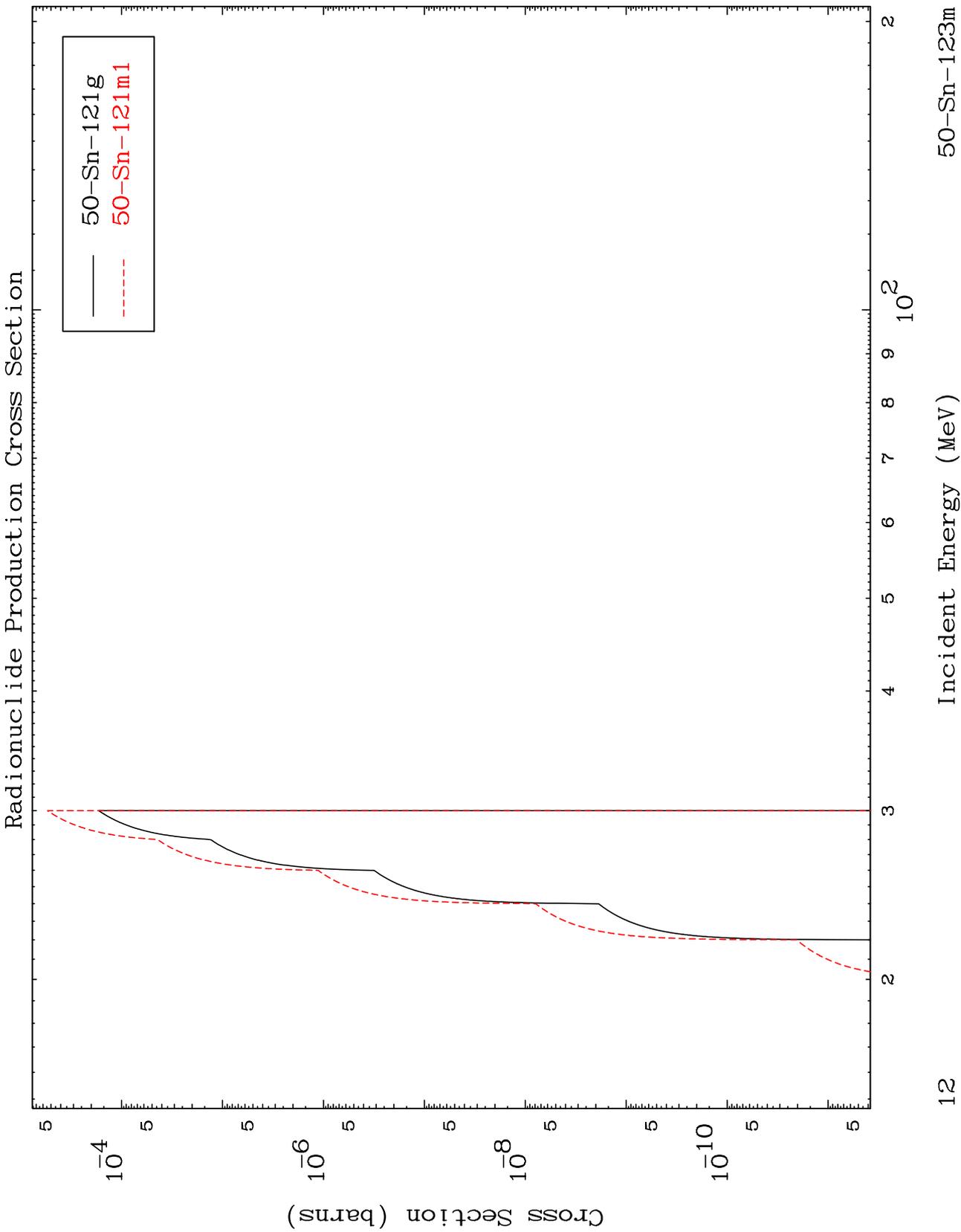
Radionuclide Production Cross Section



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(n,2n)  $\alpha$

50-Sn-123m



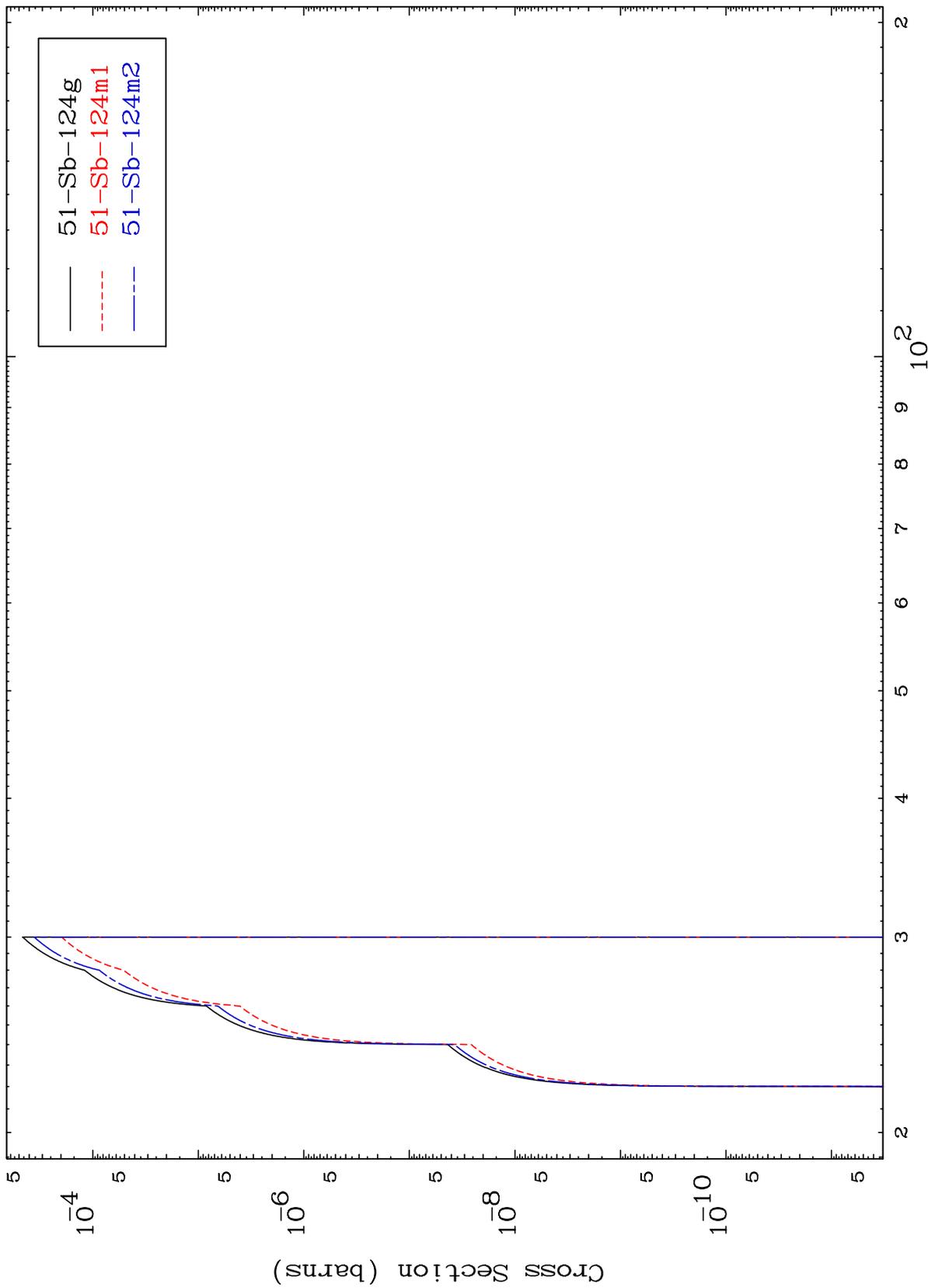
12

MAT 5059

(n,n') d

50-Sn-123m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

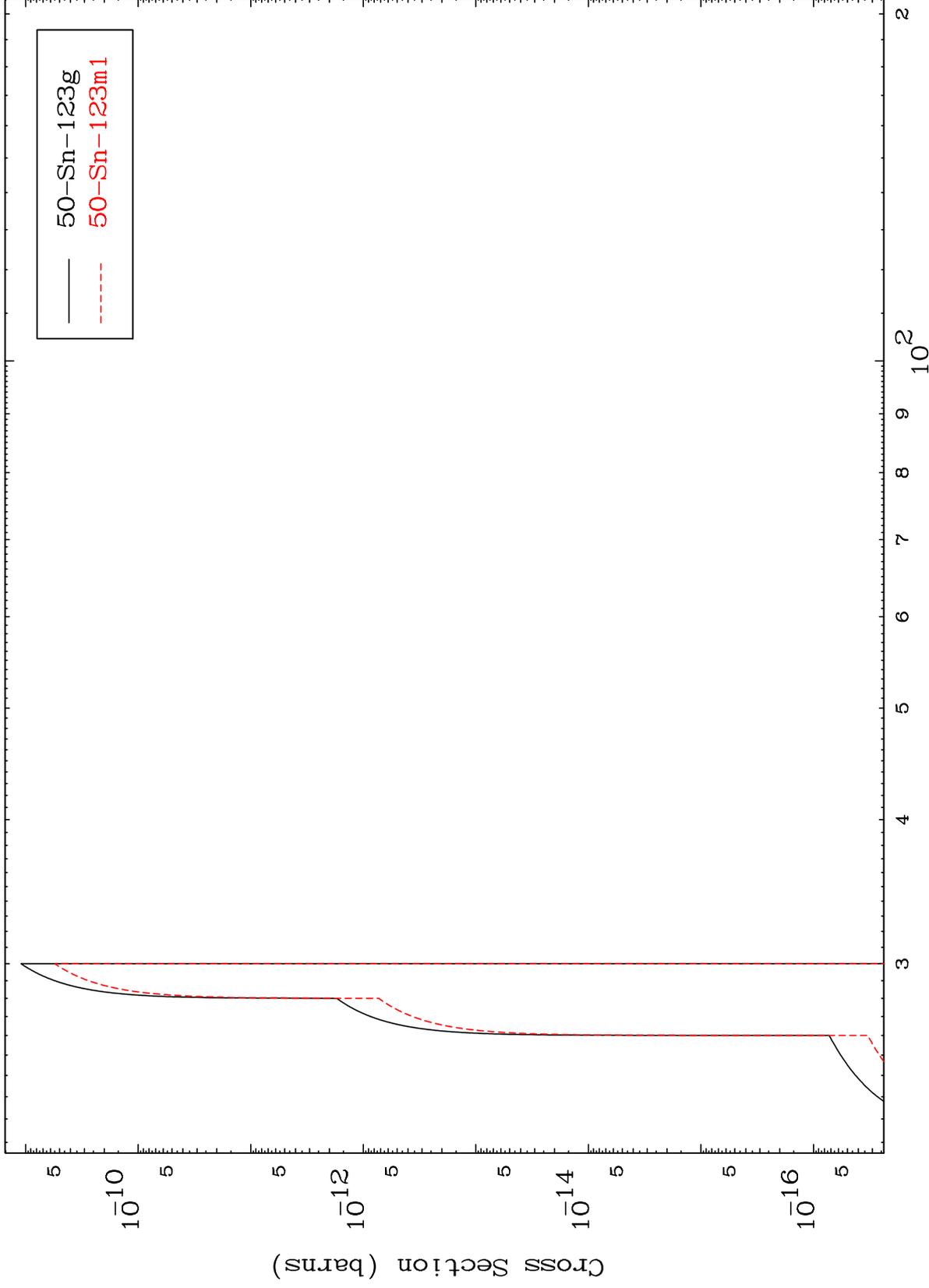
50-Sn-123m

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(n,n') He-3

50-Sn-123m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

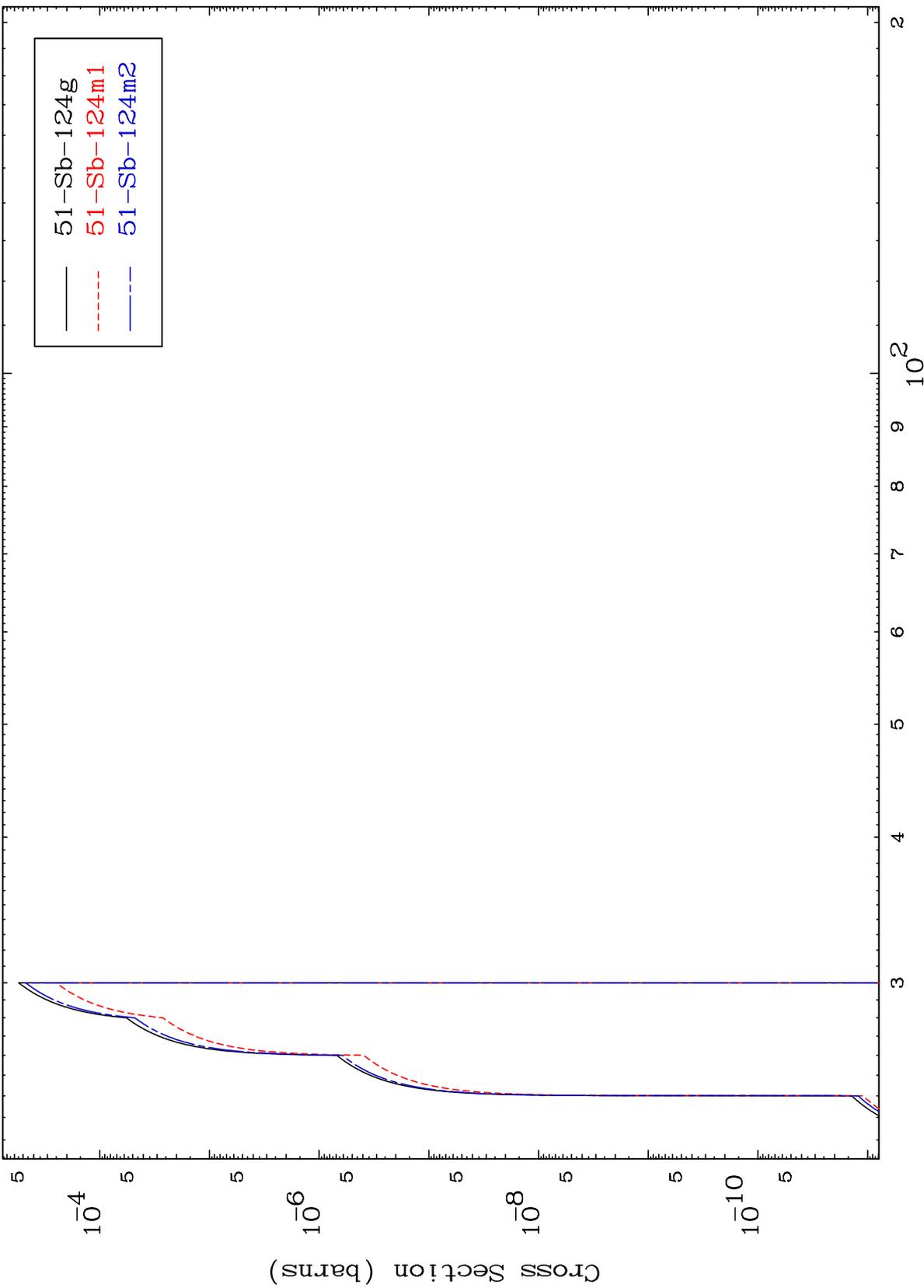
50-Sn-123m

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(n,2n) p

50-Sn-123m

Radionuclide Production Cross Section



15

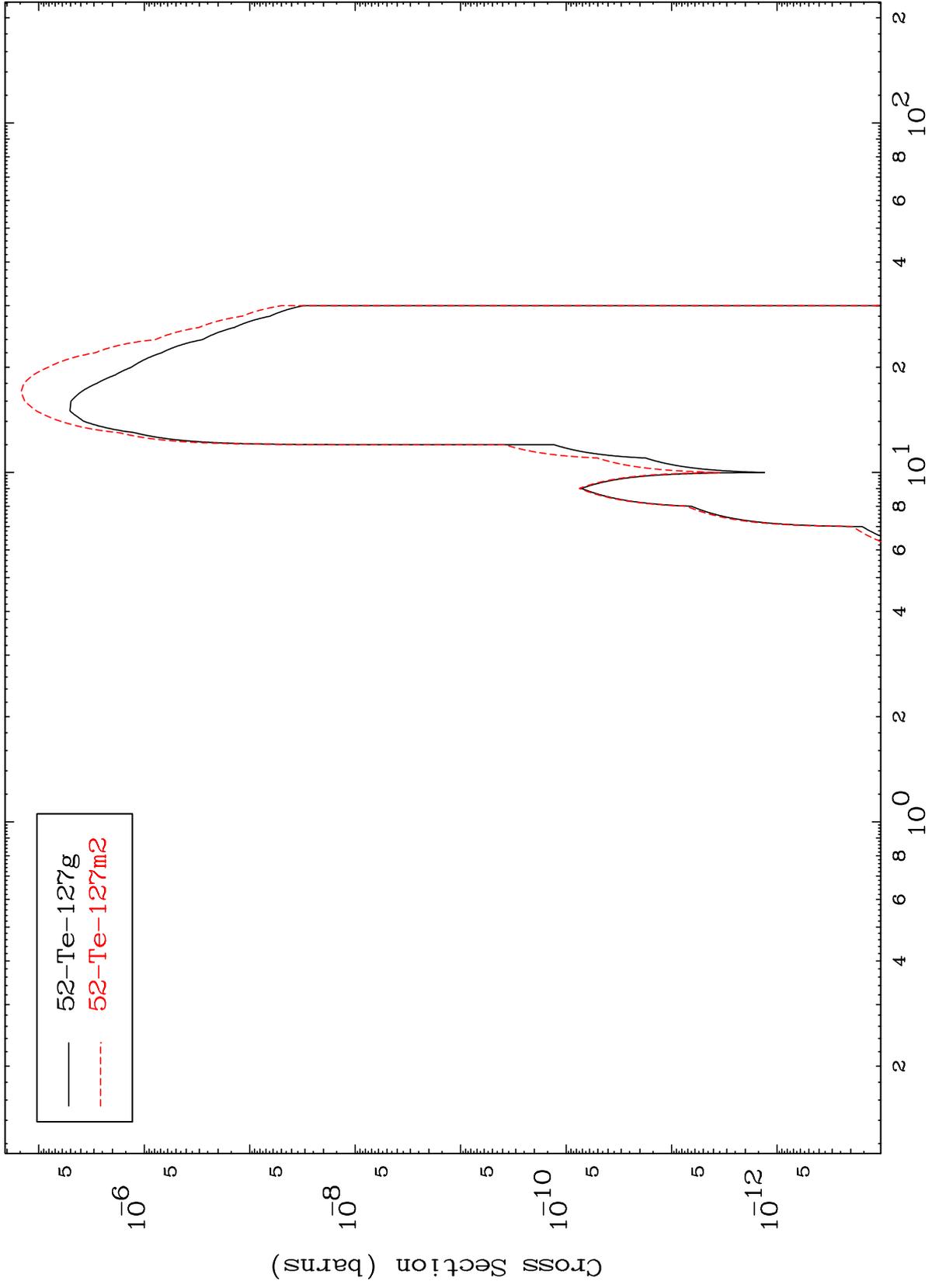
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

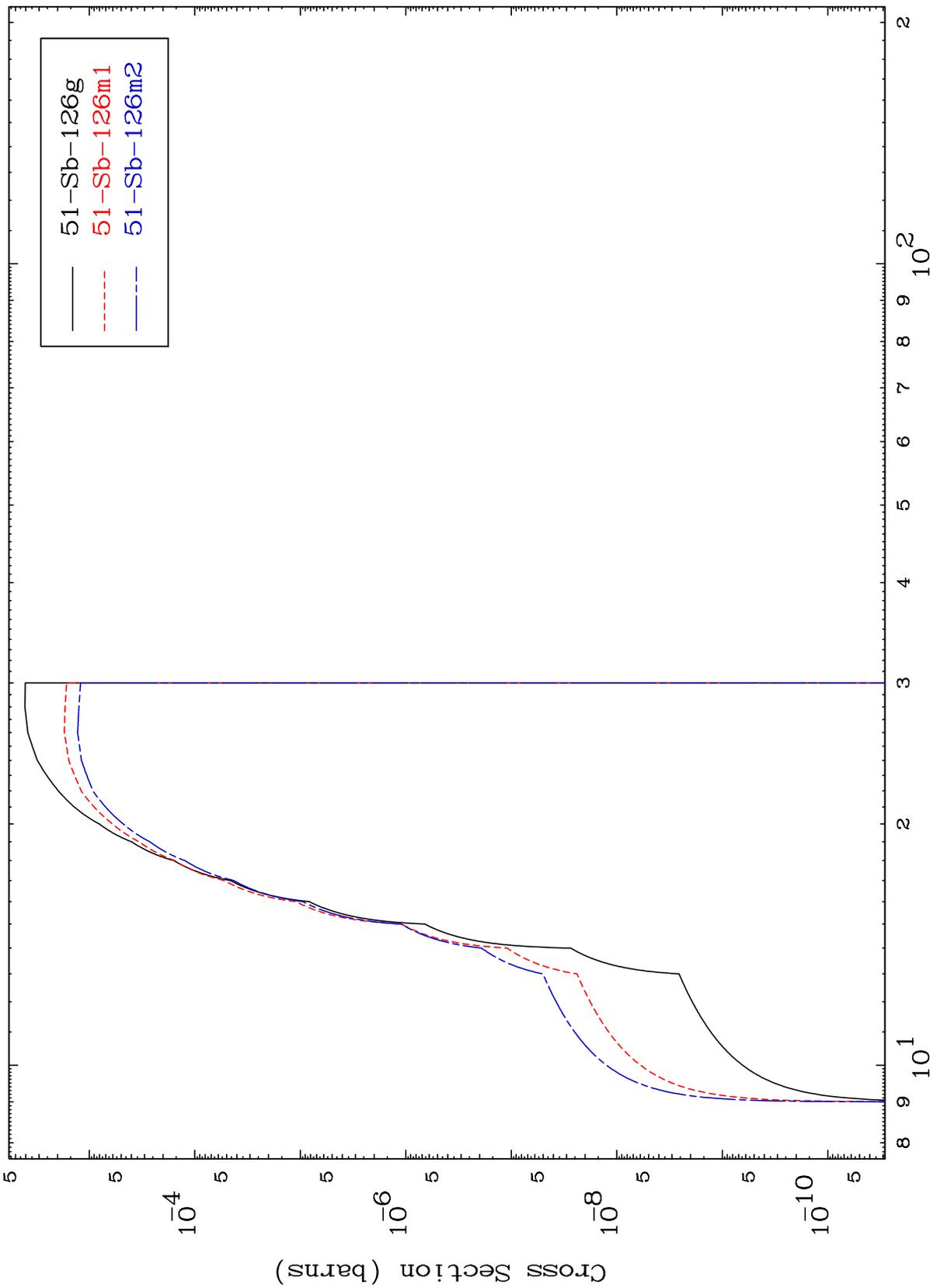
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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50-Sn-123m

(n,p)  
Radionuclide Production Cross Section



50-Sn-123m

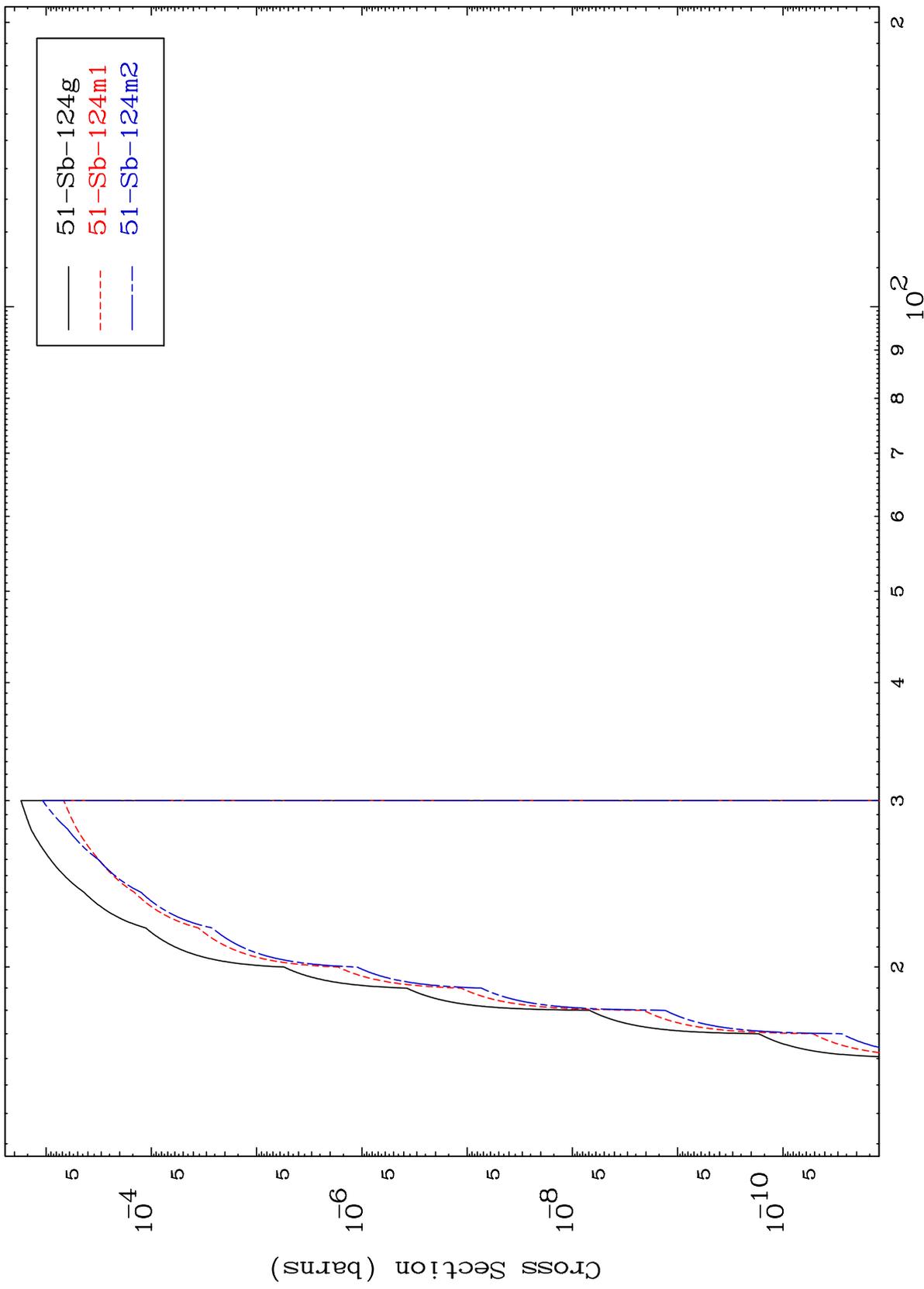
Incident Energy (MeV)

17

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50-Sn-123m

(n,t)  
Radionuclide Production Cross Section

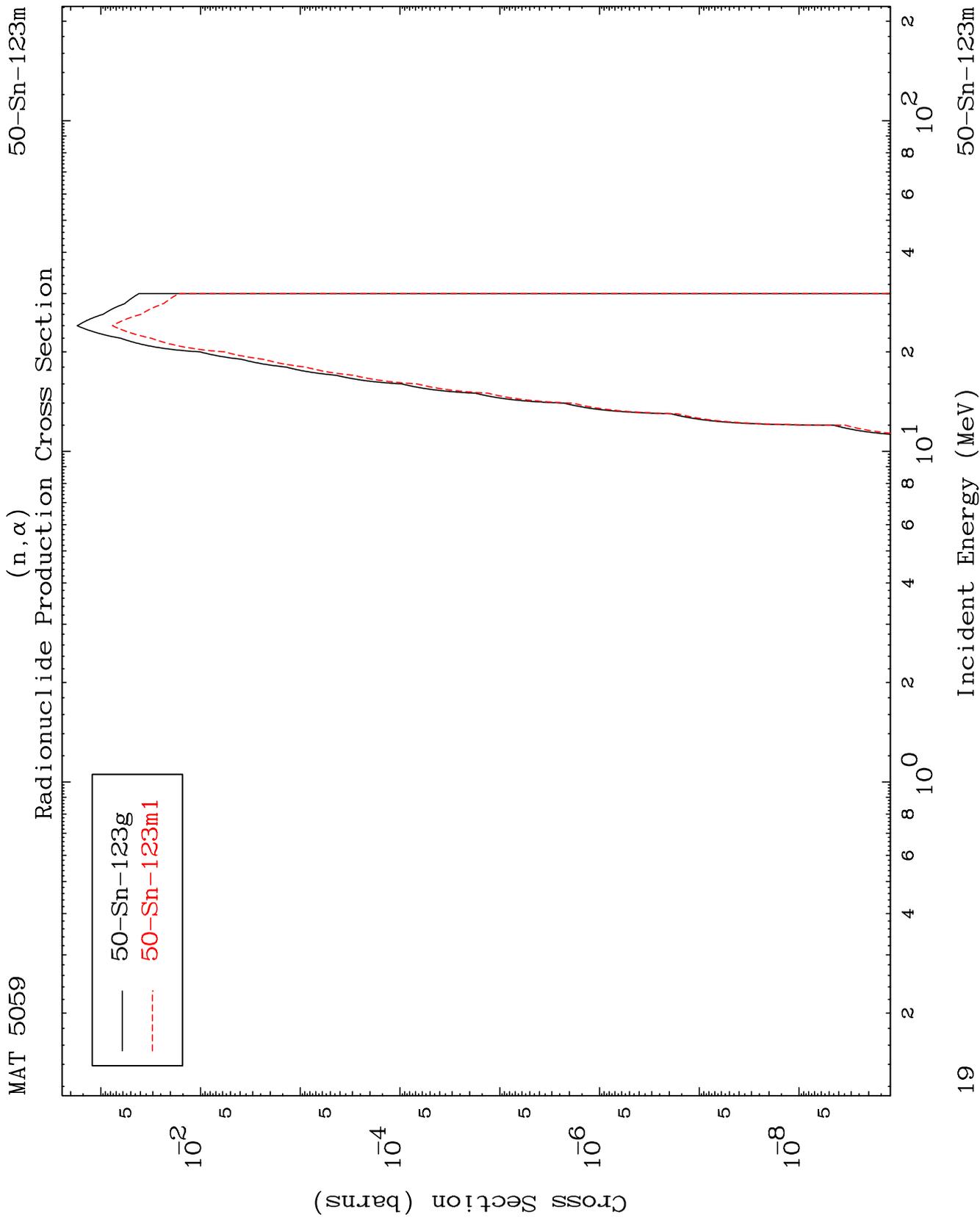


18

Incident Energy (MeV)

50-Sn-123m

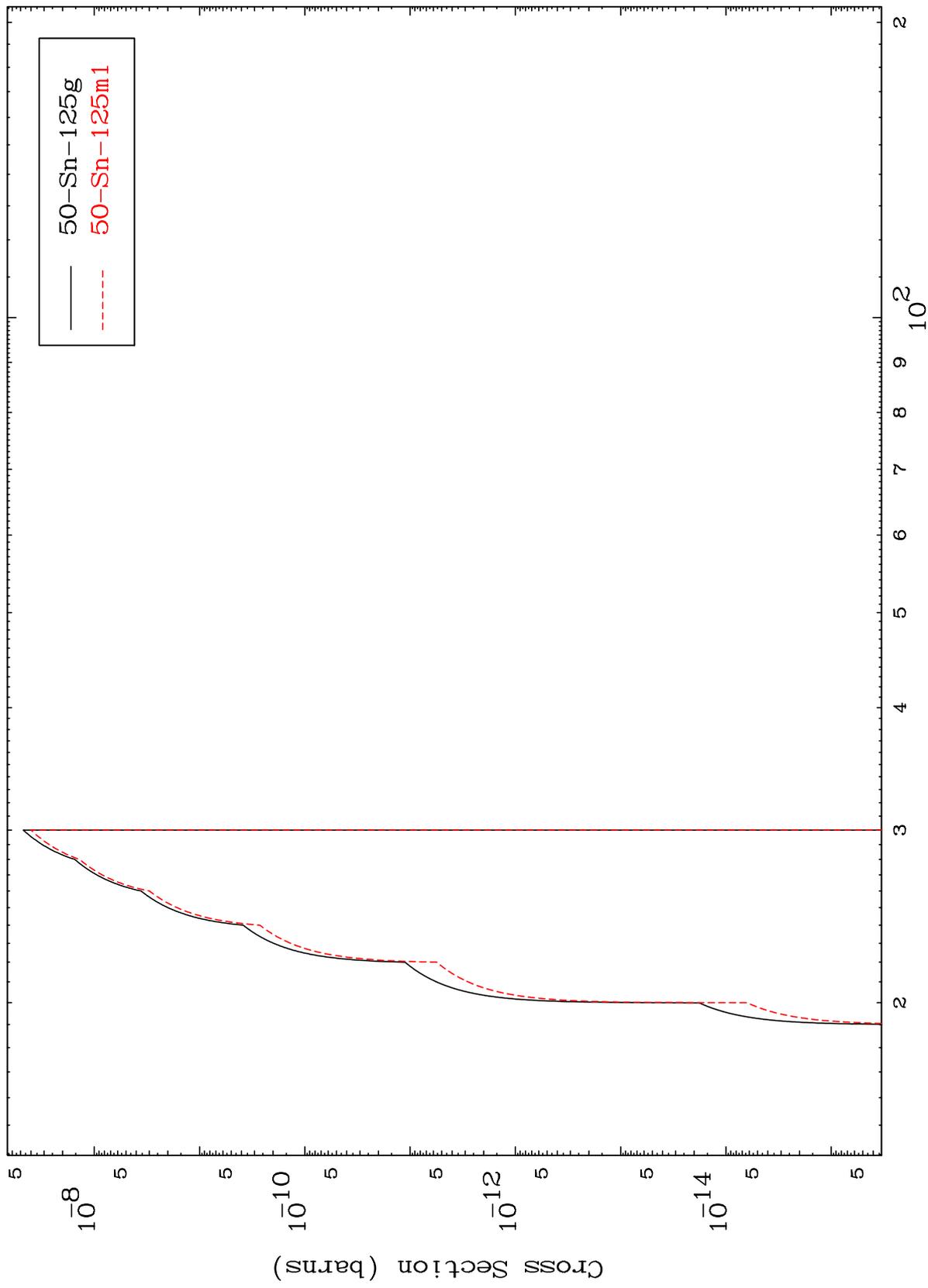
MAT 5059



MAT 5059

50-Sn-123m

(n,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

50-Sn-123m