

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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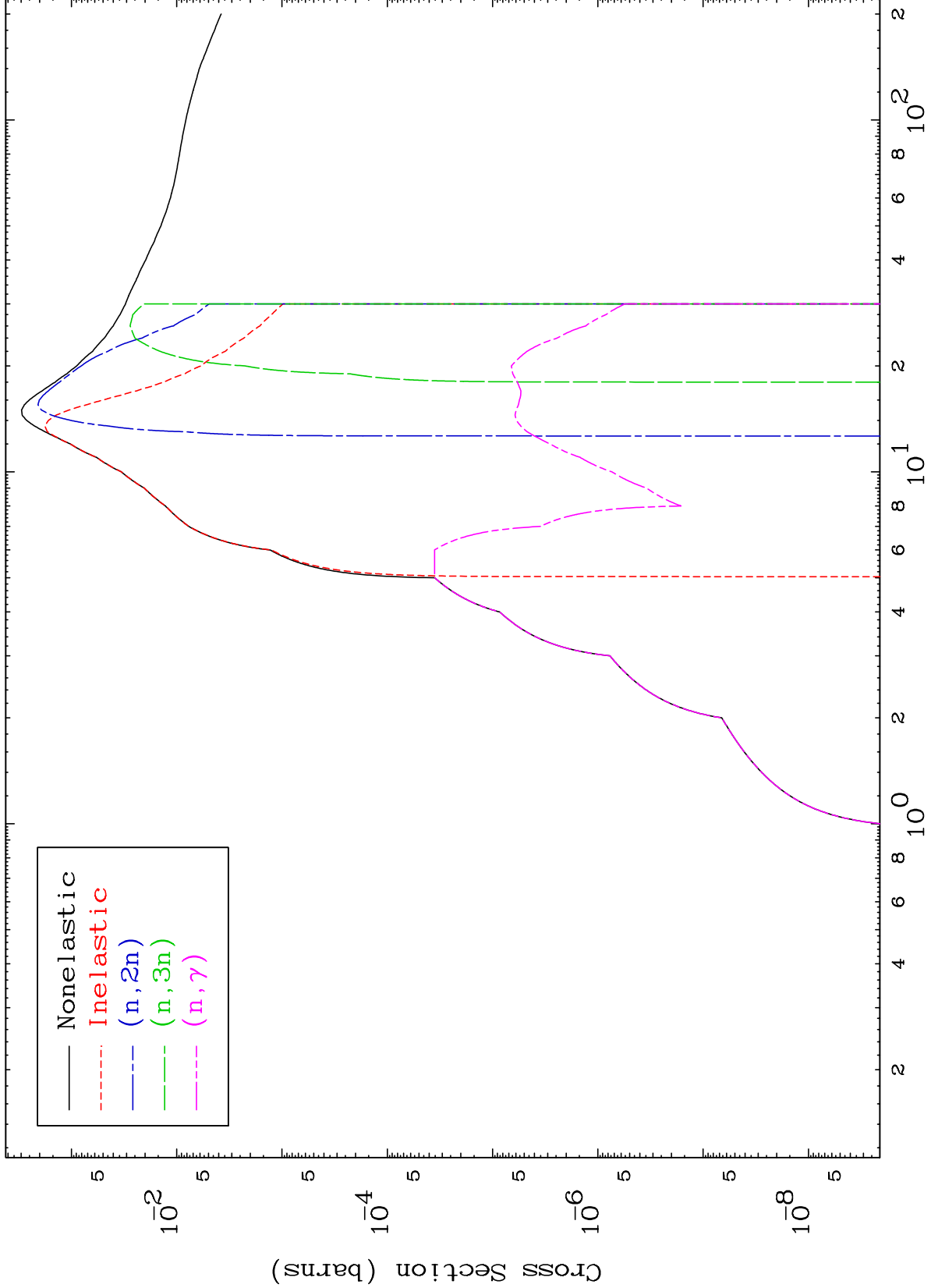
Press Mouse Button to Start

MAT 5083

Photon Major

50-Sn-131m

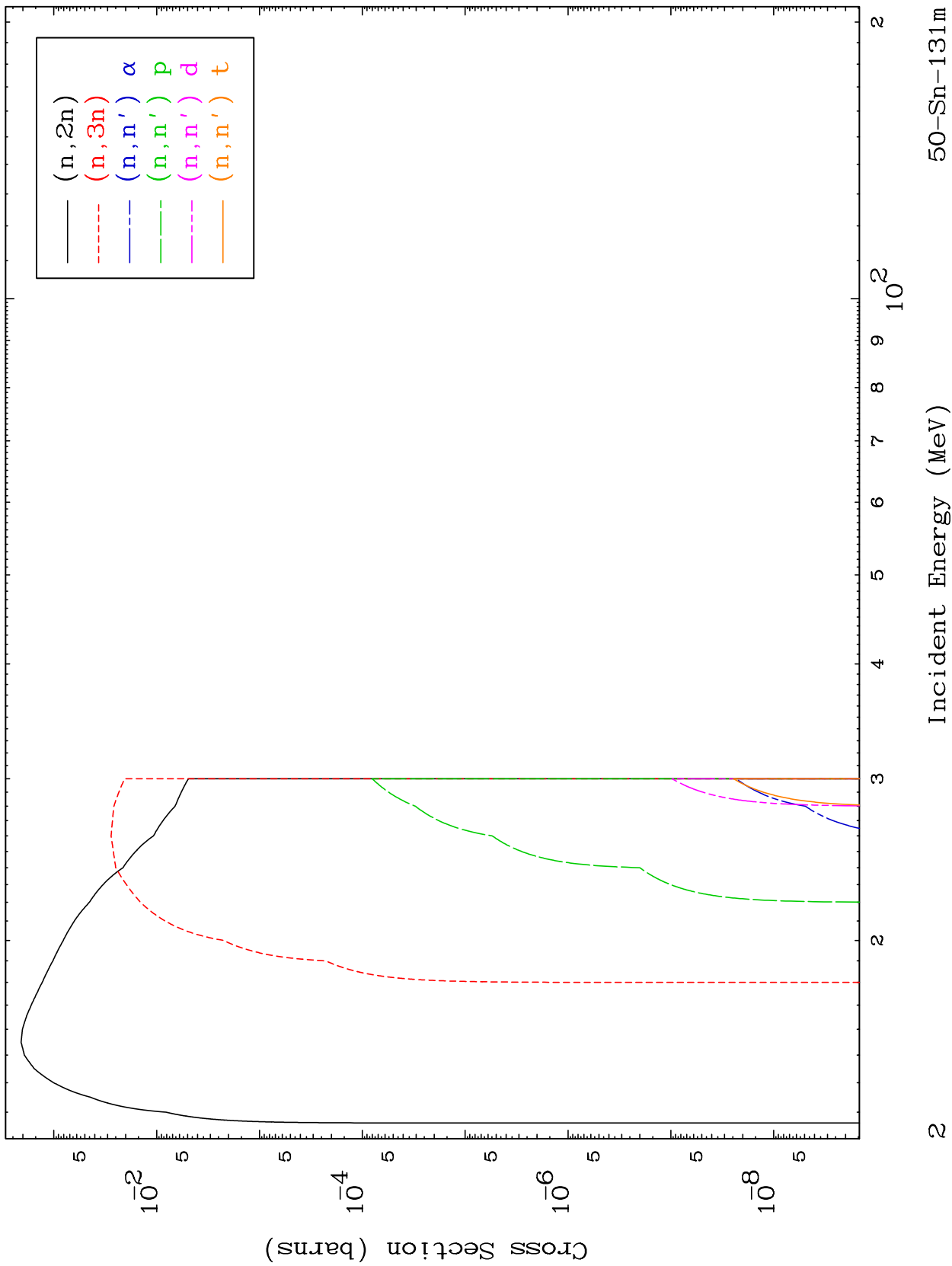
0 Kelvin Cross Sections



MAT 5083

Photon Neutron Absorption  
0 Kelvin Cross Sections

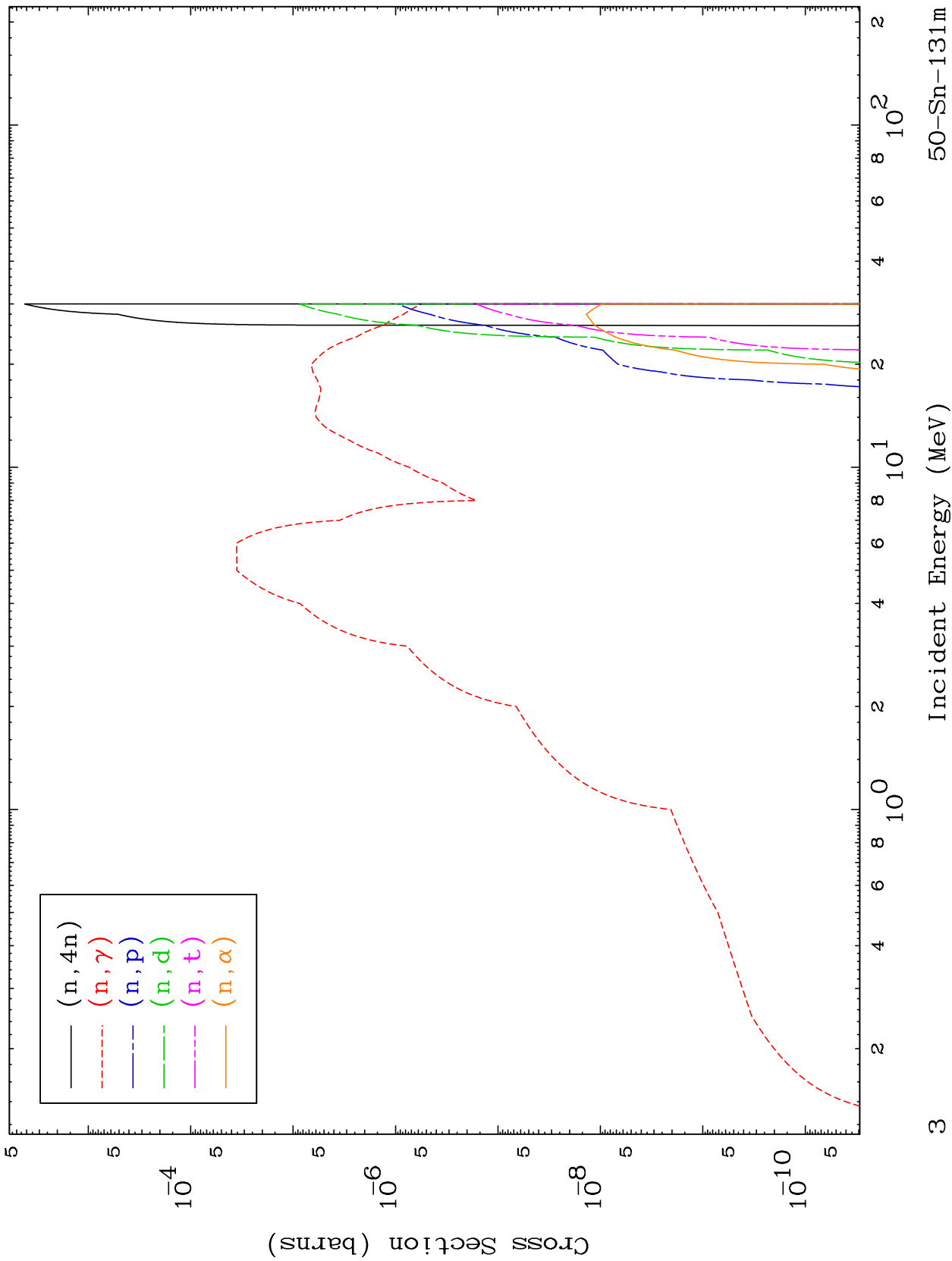
50-Sn-131m



50-Sn-131m

Incident Energy (MeV)

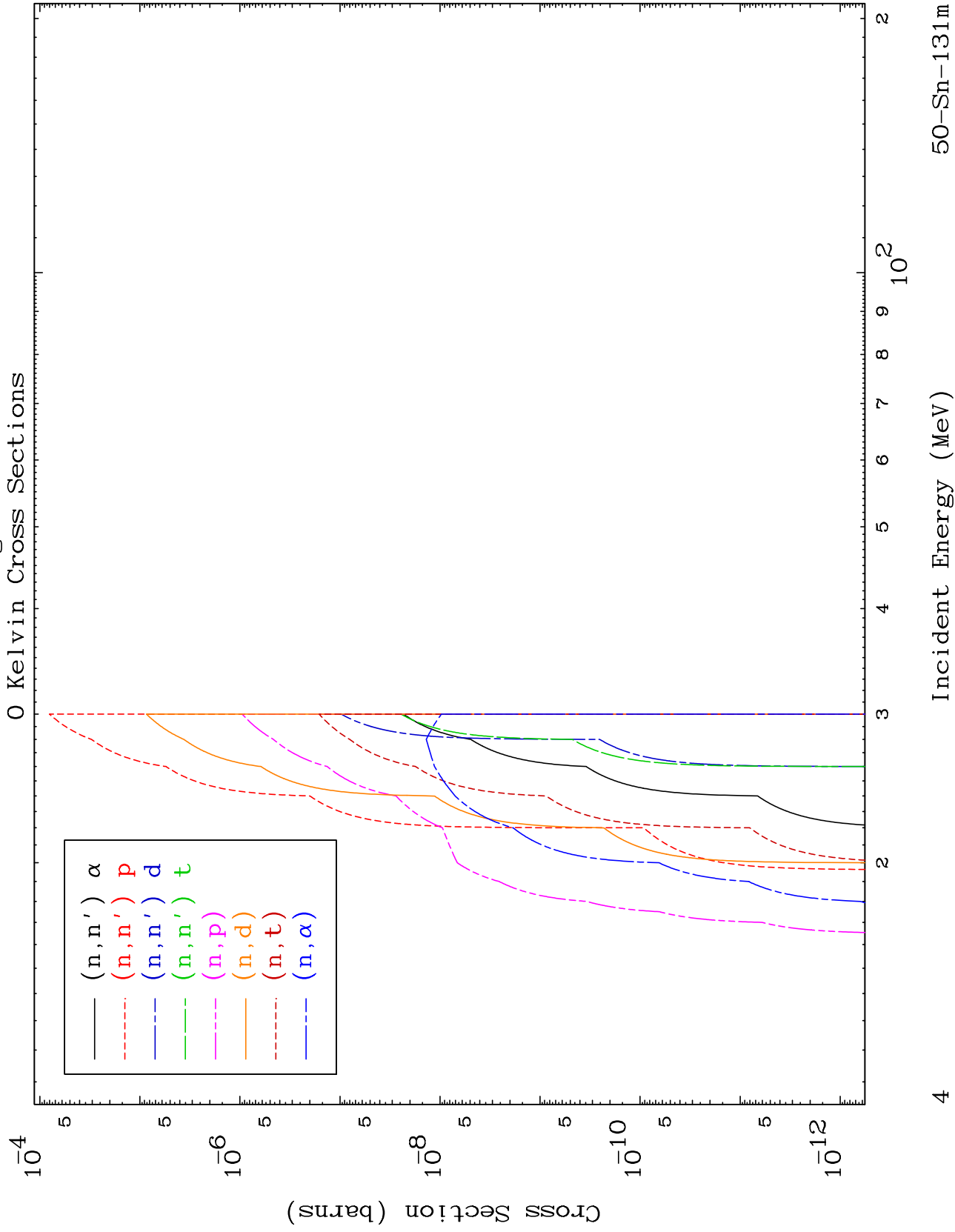
2



MAT 5083

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-131m

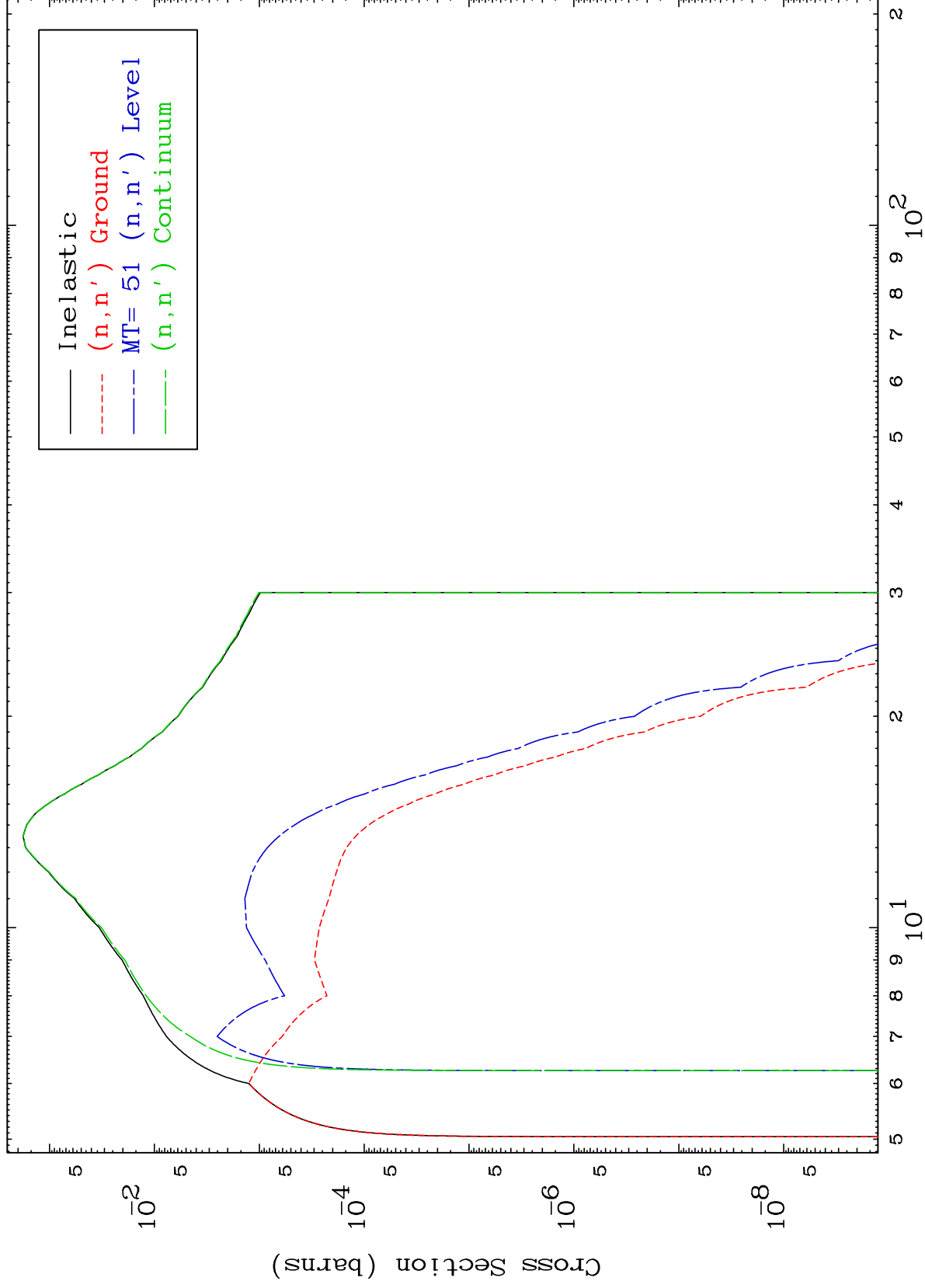


MAT 5083

( $\gamma, n'$ ) Levels

50-Sn-131m

0 Kelvin Cross Sections



Incident Energy (MeV)

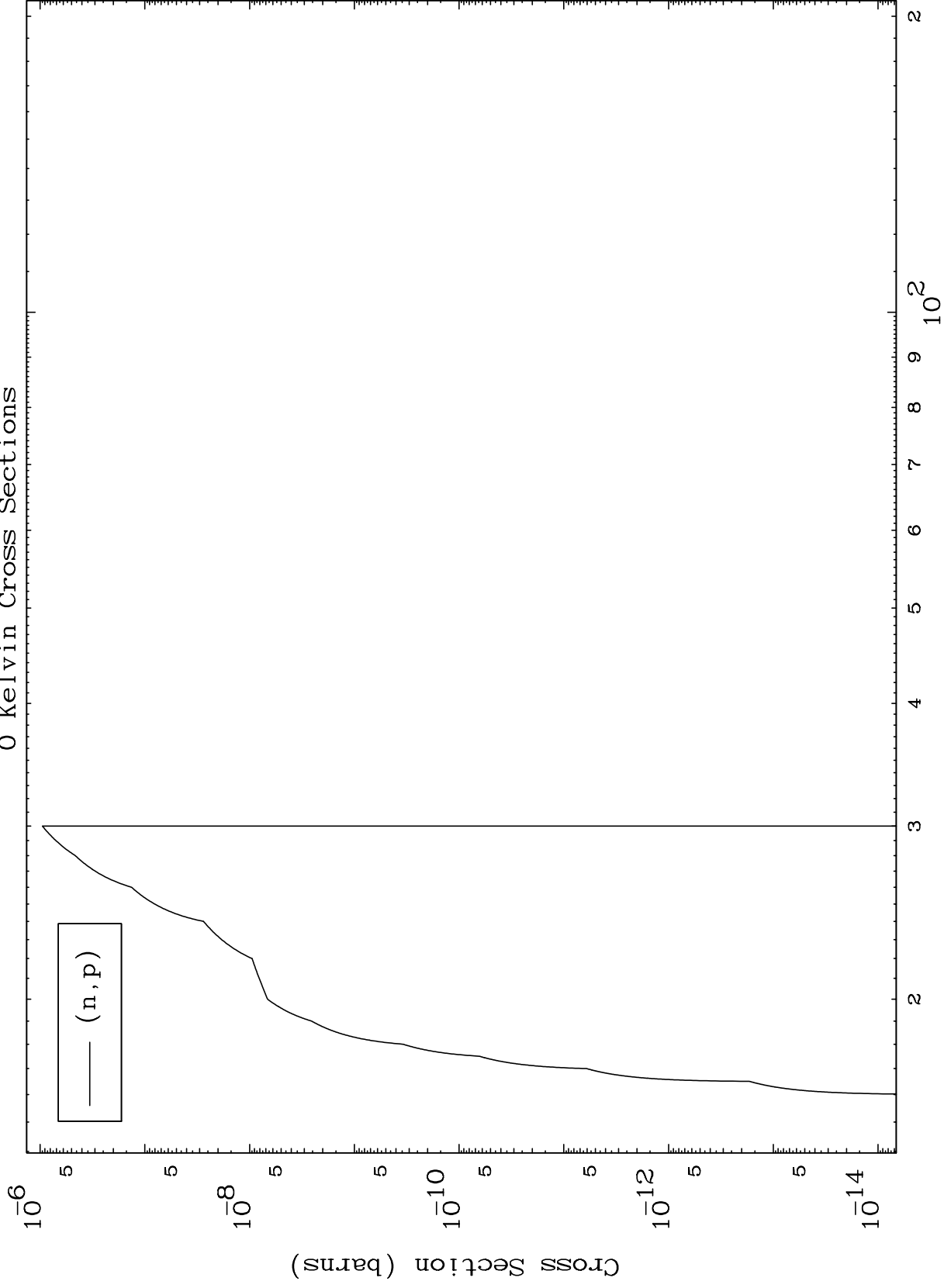
50-Sn-131m

5

MAT 5083

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

50-Sn-131m



6

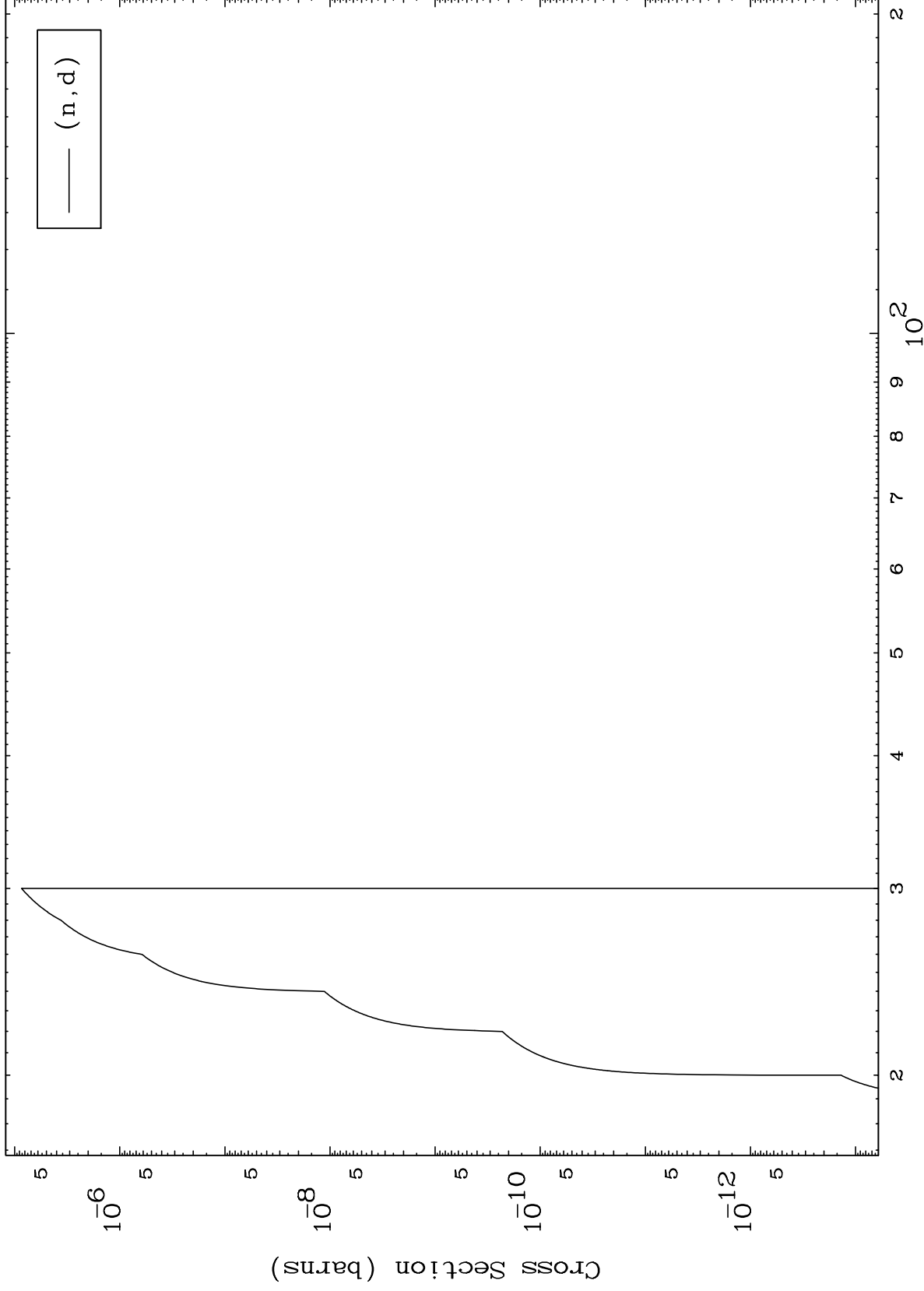
Incident Energy (MeV)

50-Sn-131m

MAT 5083

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

50-Sn-131m



7

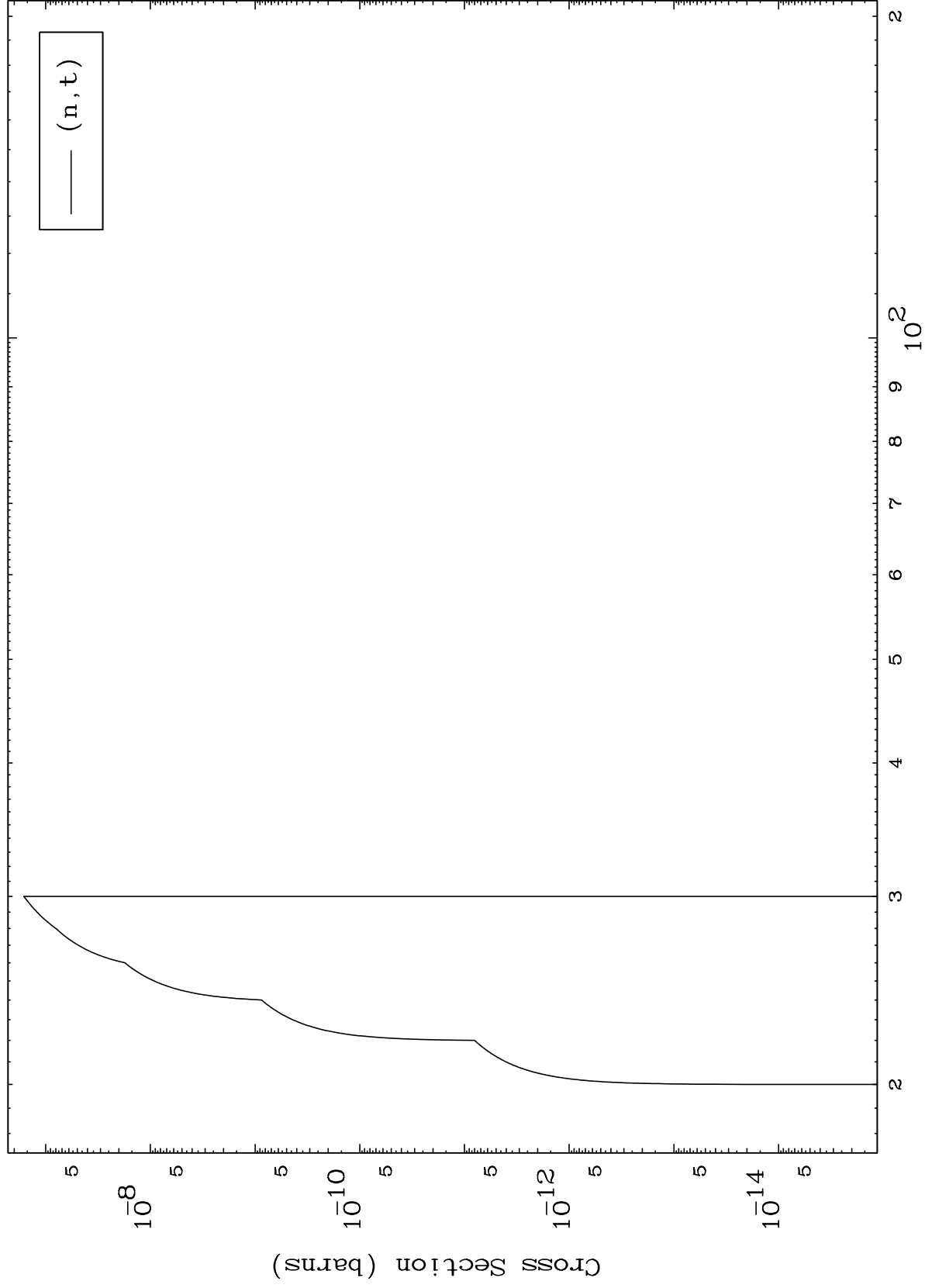
Incident Energy (MeV)

50-Sn-131m

MAT 5083

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

50-Sn-131m



8

Incident Energy (MeV)

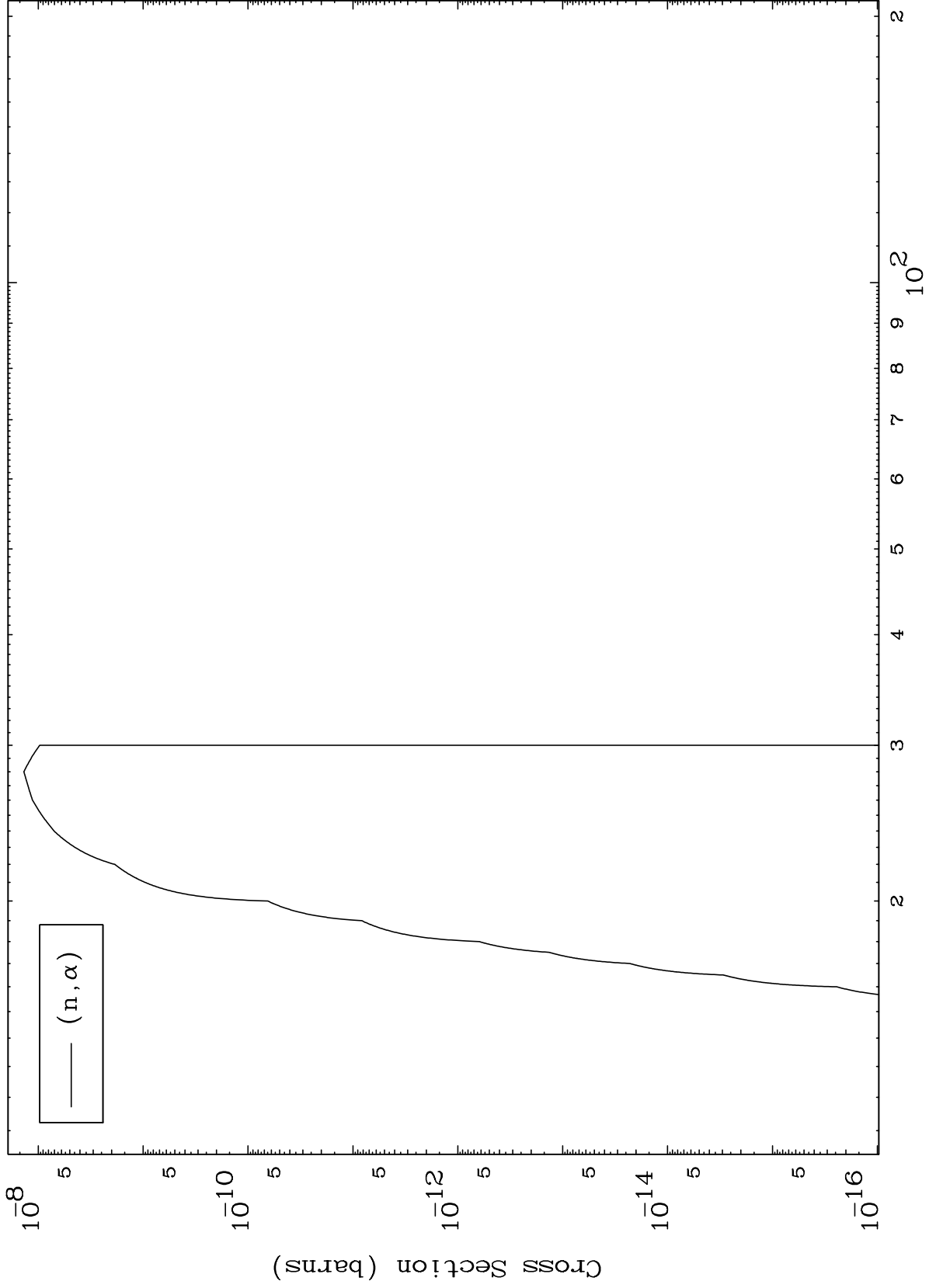
50-Sn-131m

MAT 5083

( $\gamma, \alpha$ ) Levels

50-Sn-131m

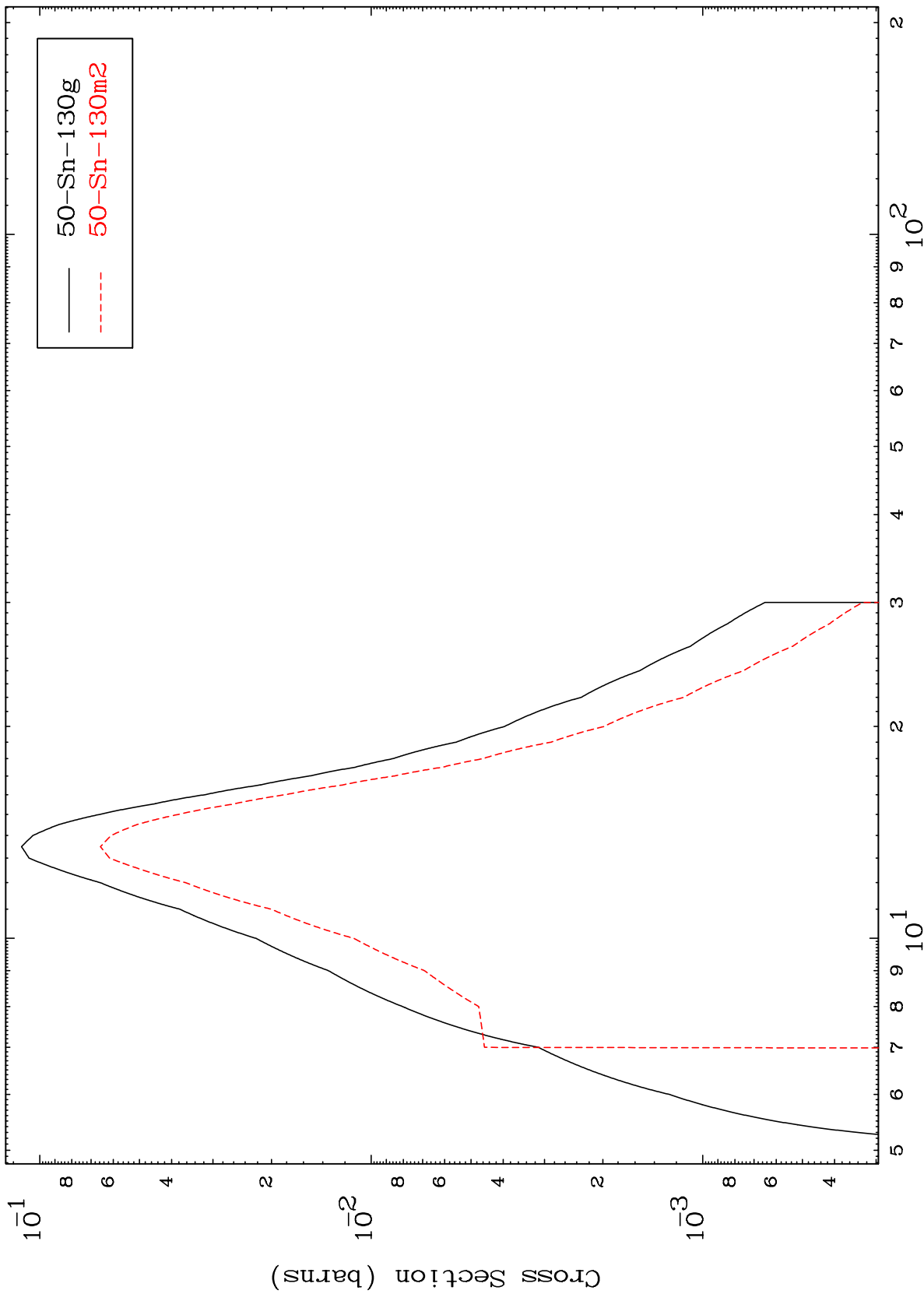
0 Kelvin Cross Sections



MAT 5083

50-Sn-131m

Inelastic  
Radionuclide Production Cross Section



50-Sn-131m

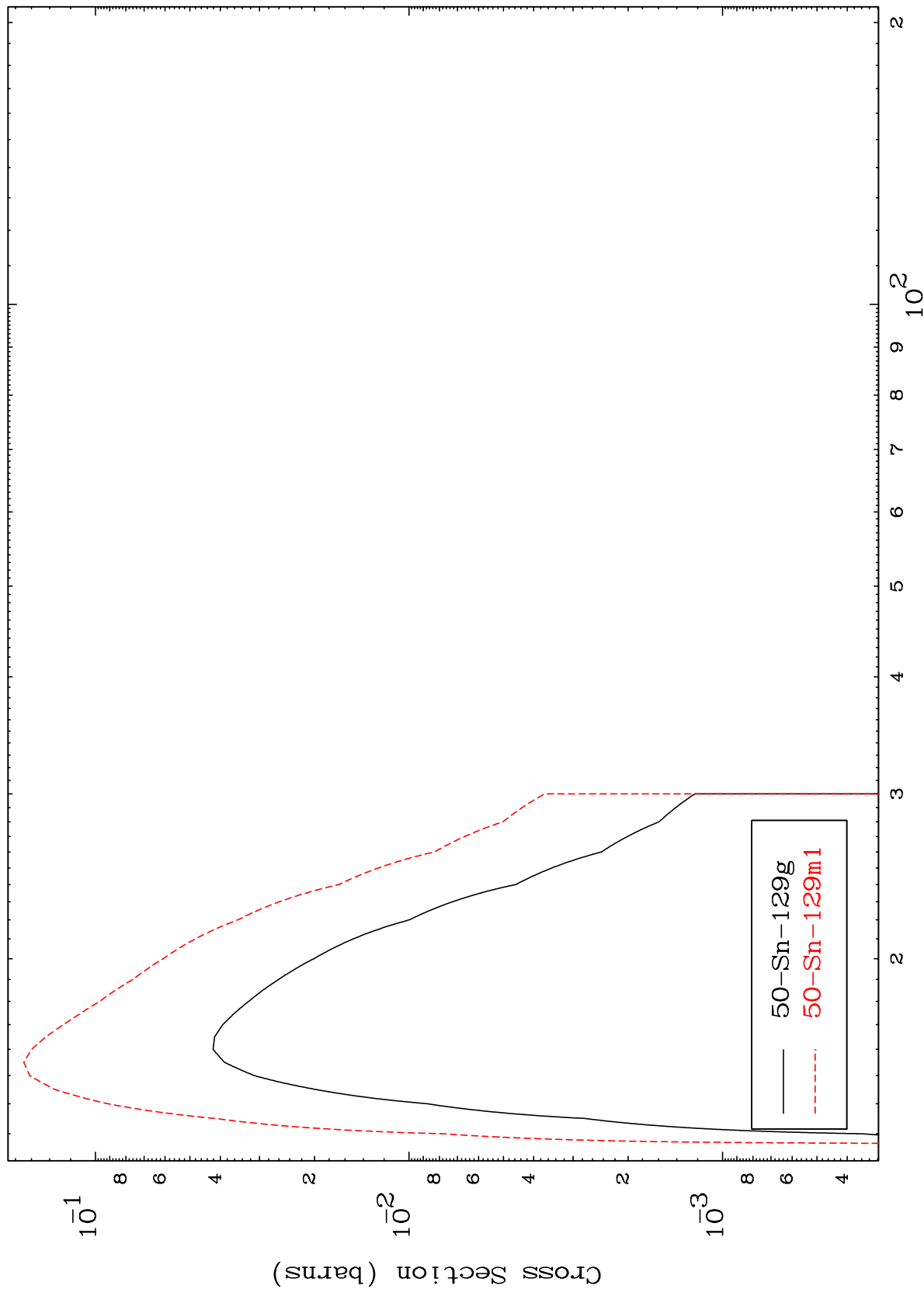
Incident Energy (MeV)

10

MAT 5083

50-Sn-131m

(n,2n)  
Radionuclide Production Cross Section



50-Sn-131m

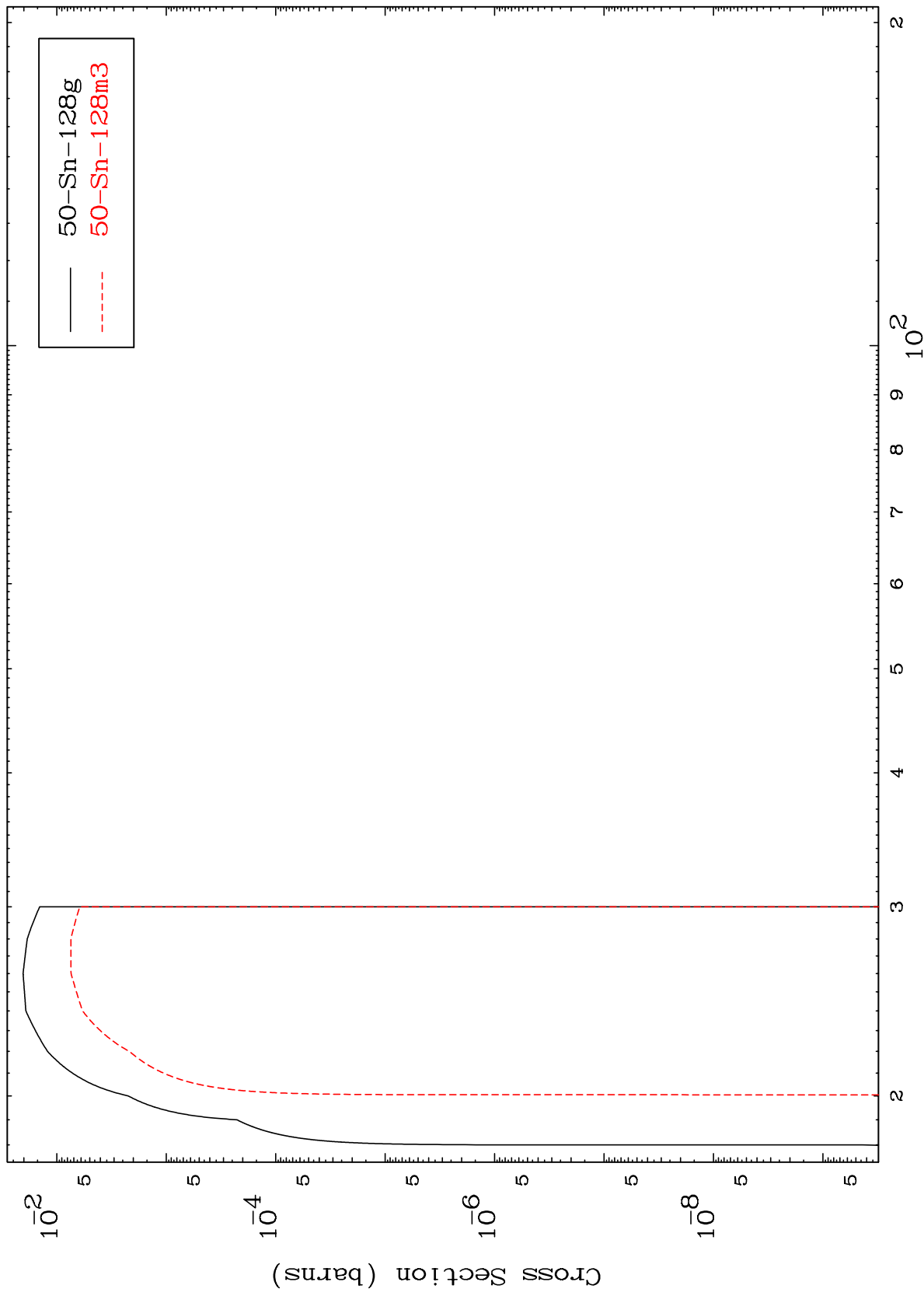
Incident Energy (MeV)

11

MAT 5083

50-Sn-131m

(n,3n)  
Radionuclide Production Cross Section



50-Sn-131m

Incident Energy (MeV)

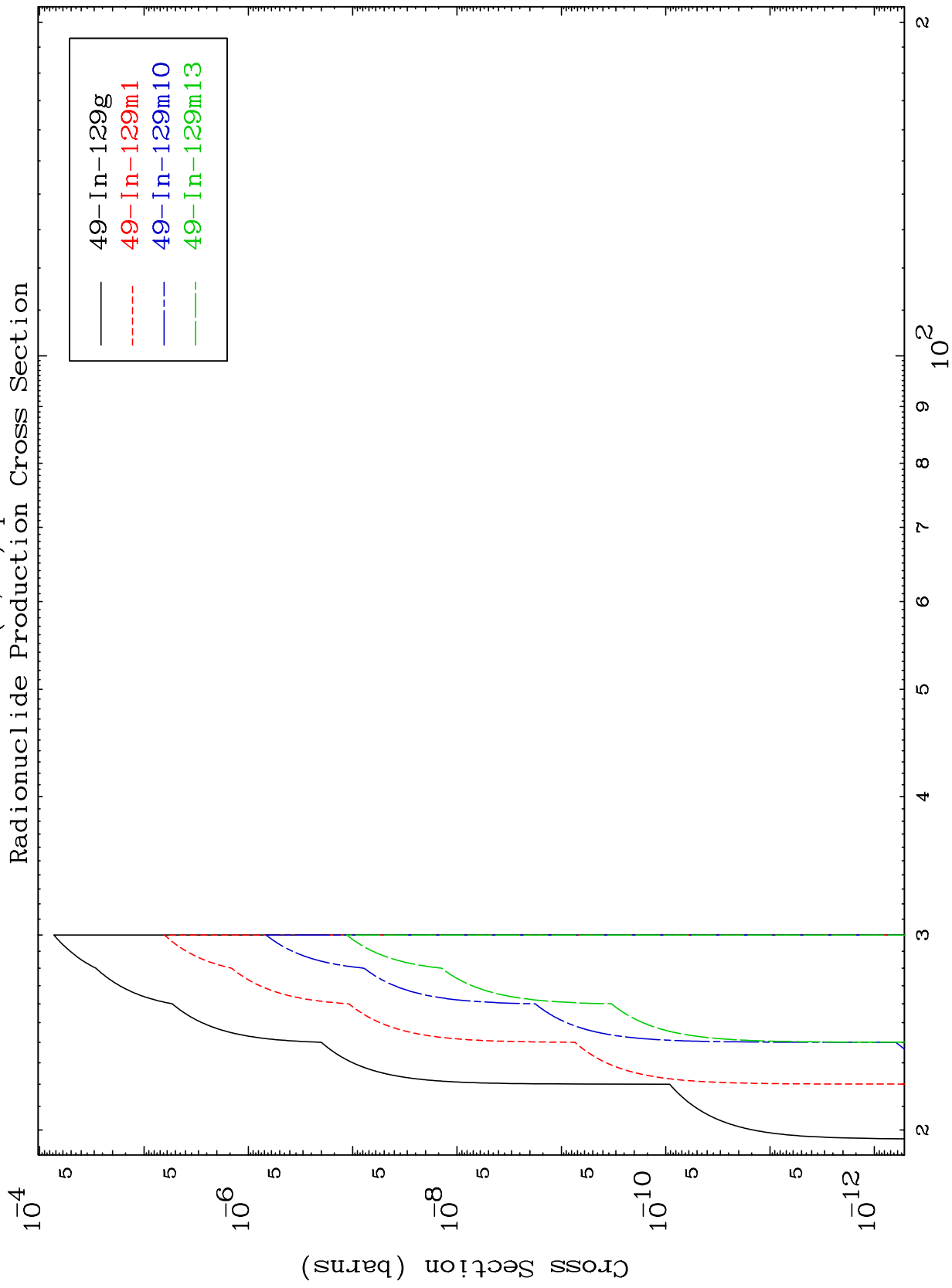
12

MAT 5083

(n,n') p

50-Sn-131m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

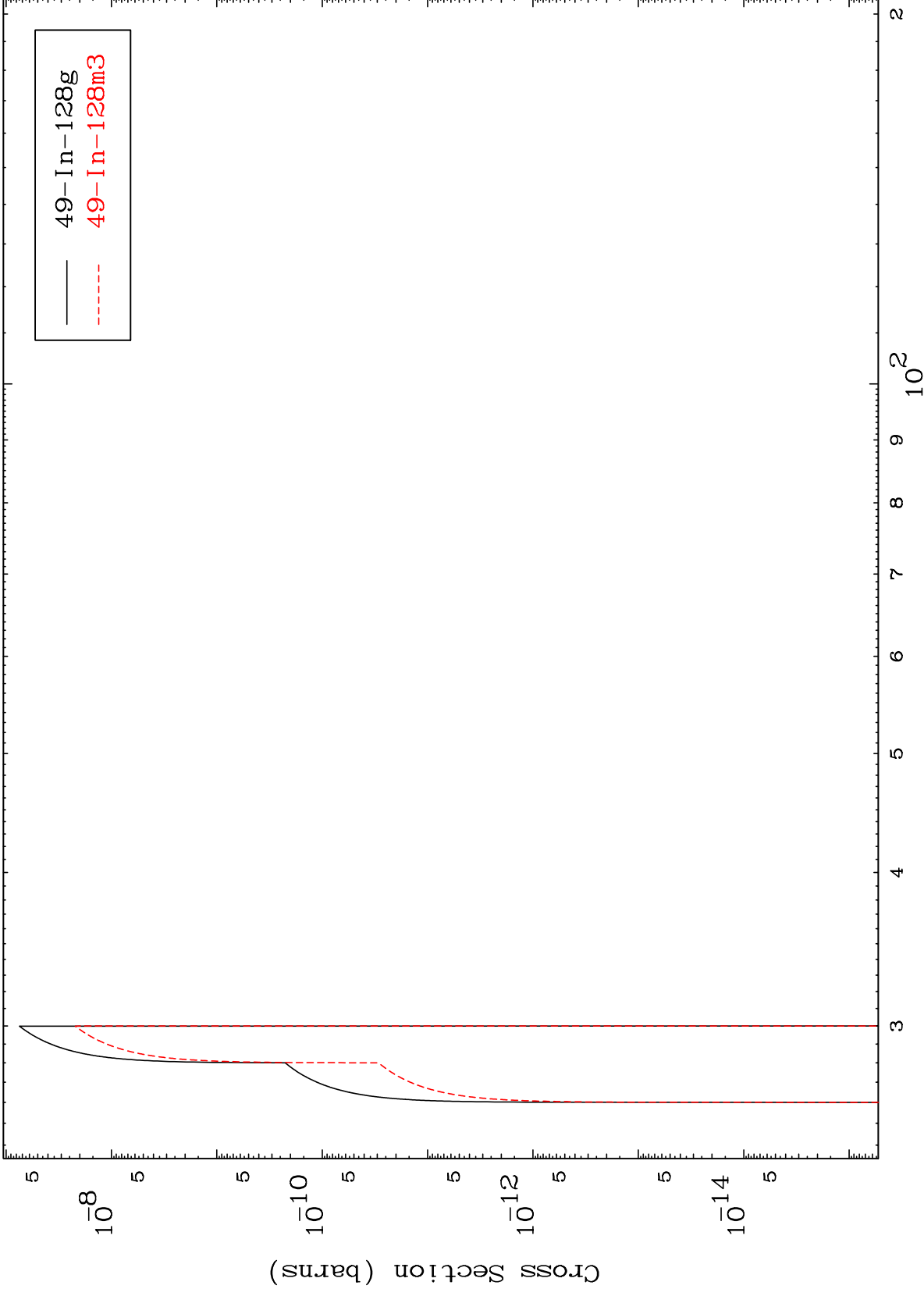
50-Sn-131m

MAT 5083

(n,n') d

50-Sn-131m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

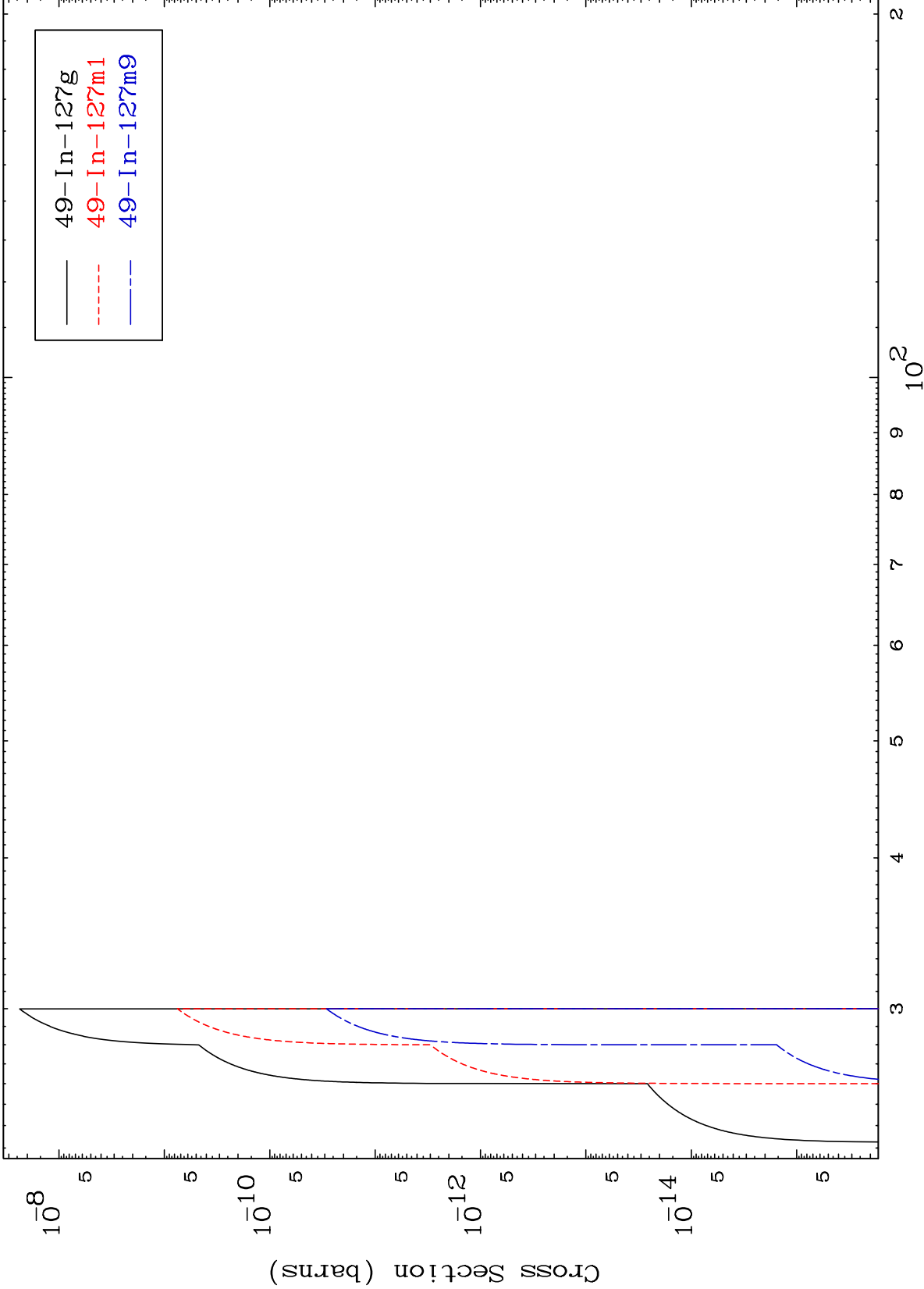
50-Sn-131m

MAT 5083

(n,n') t

50-Sn-131m

Radionuclide Production Cross Section



15

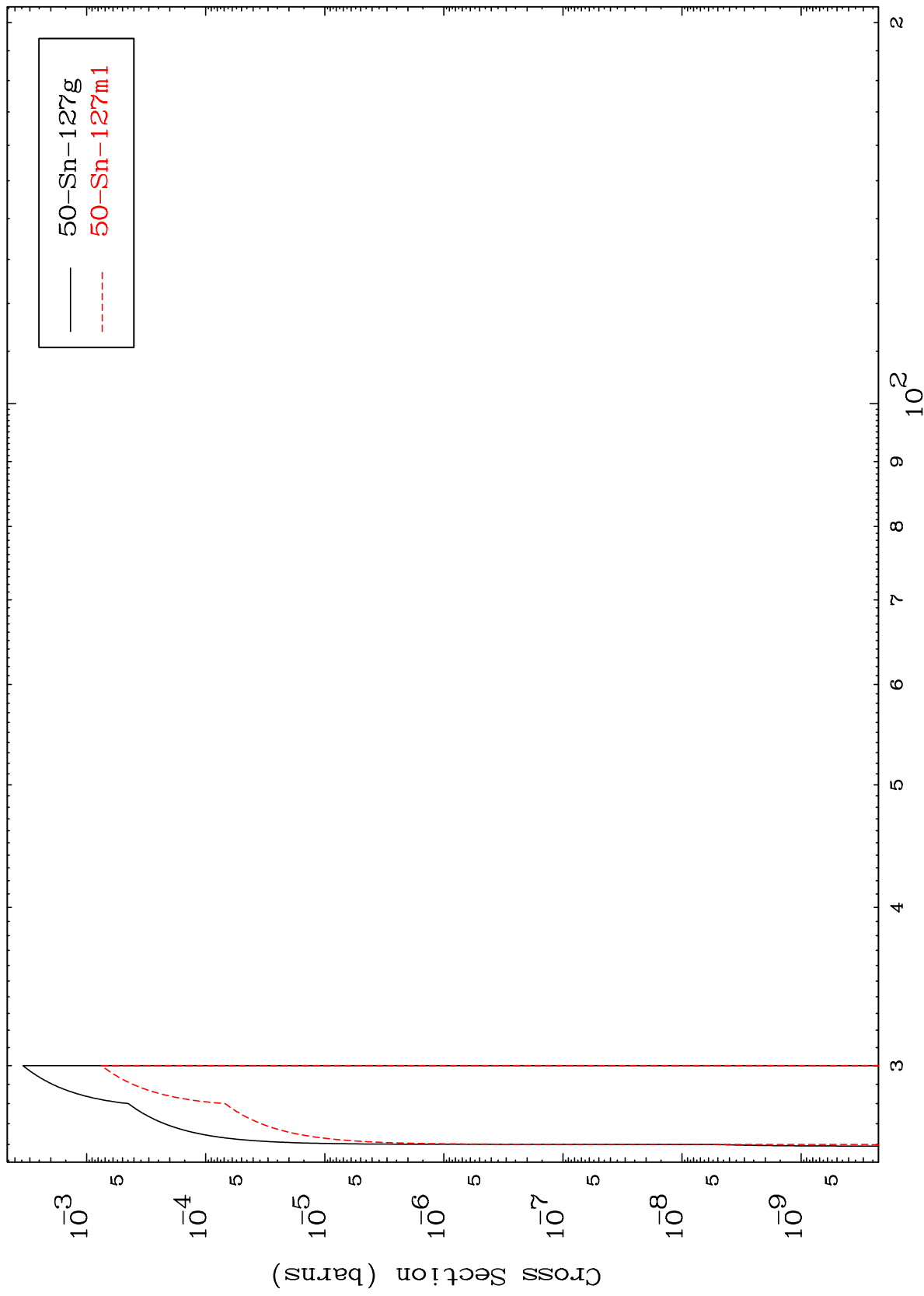
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,4n)  
Radionuclide Production Cross Section



16

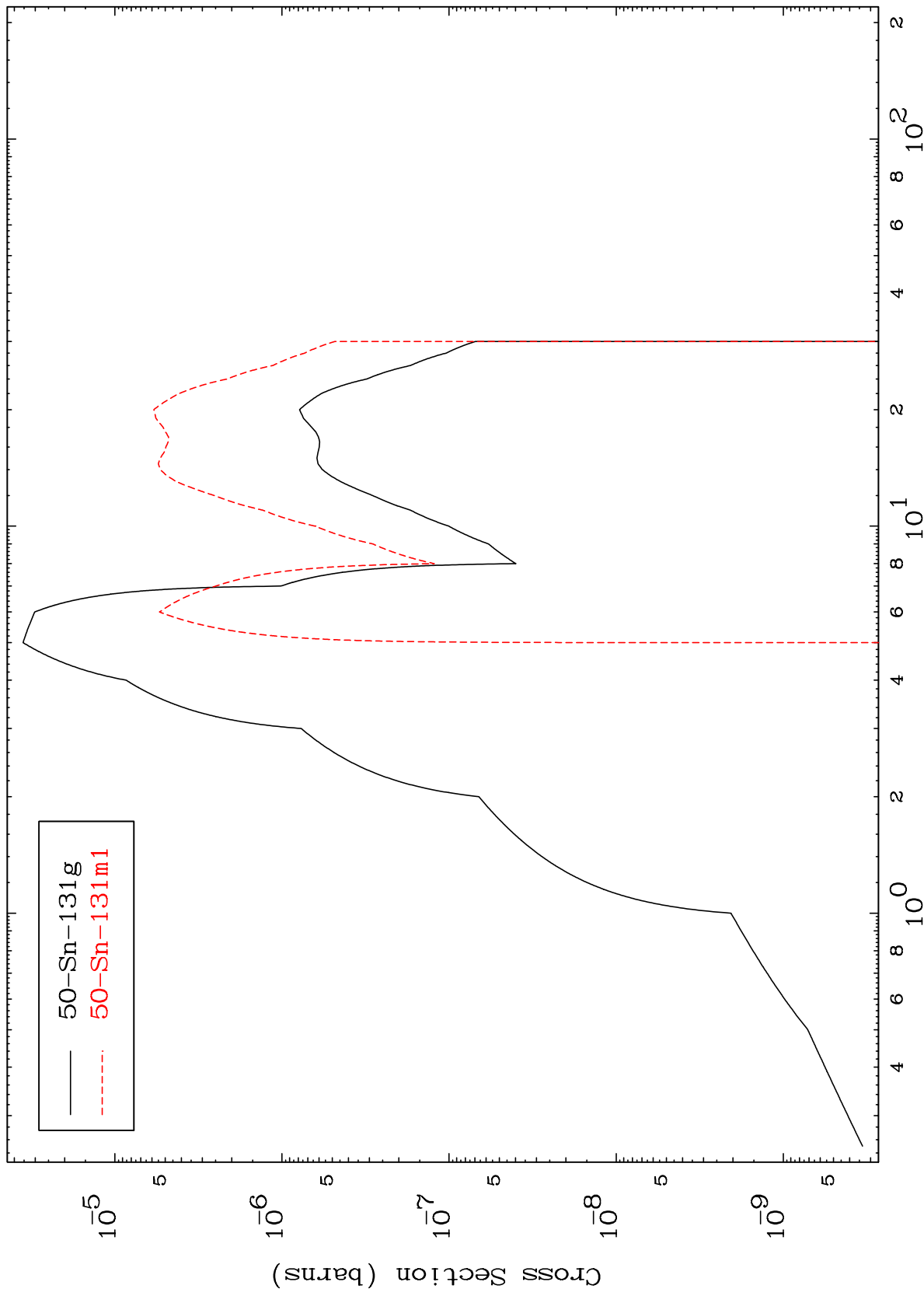
50-Sn-131m

Incident Energy (MeV)

MAT 5083

50-Sn-131m

Radionuclide Production Cross Section



17

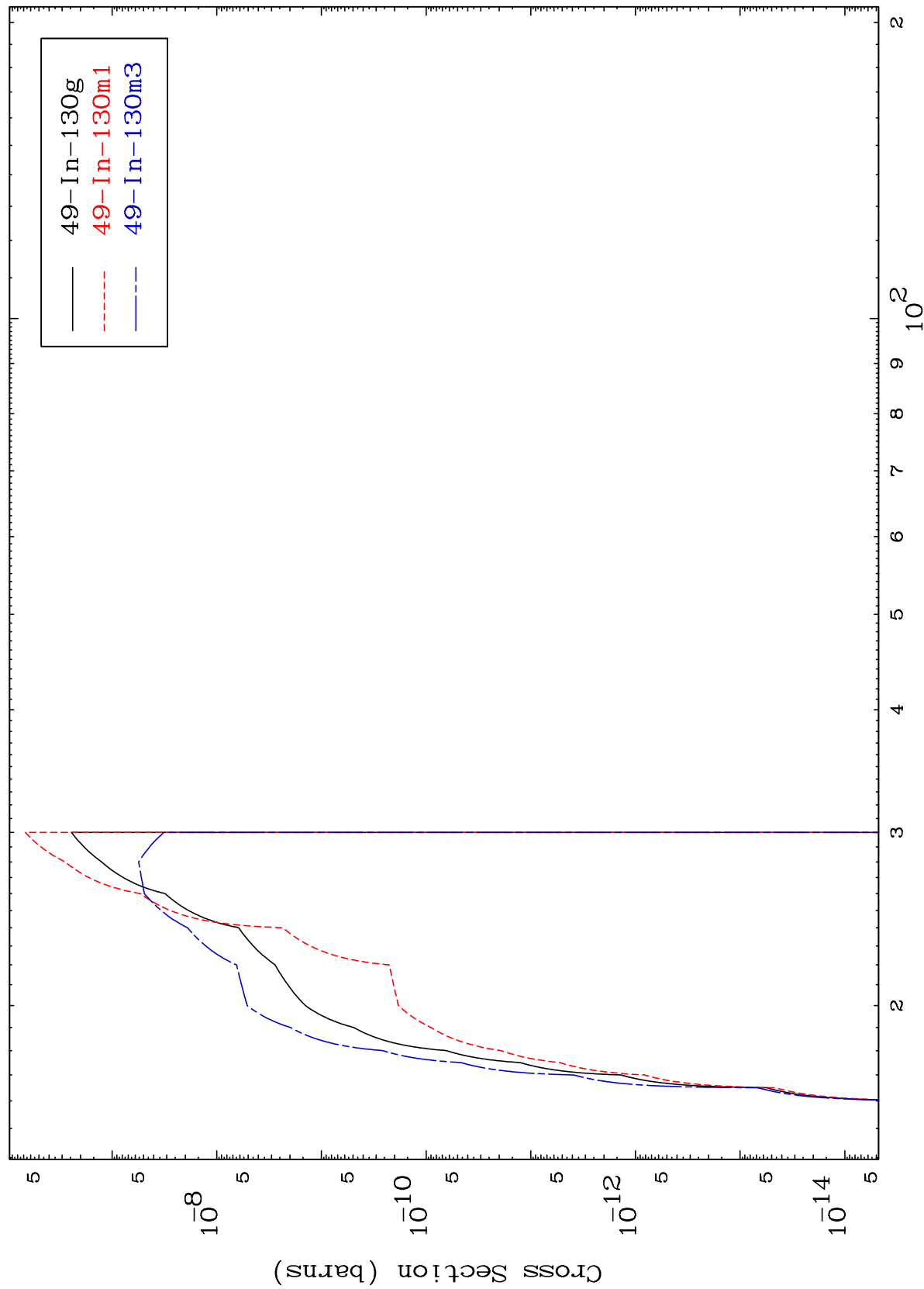
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,p)  
Radionuclide Production Cross Section



18

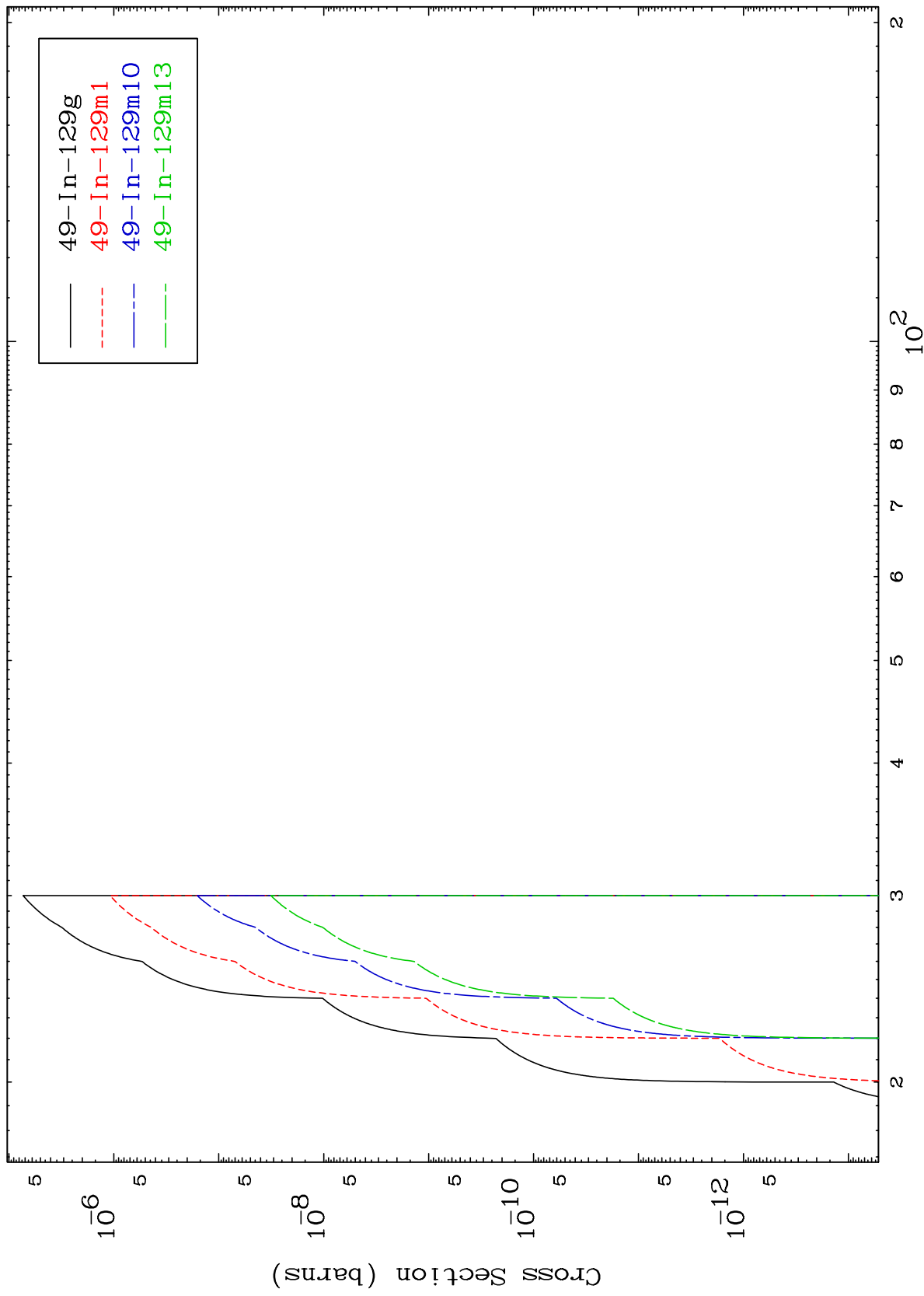
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,d)  
Radionuclide Production Cross Section



19

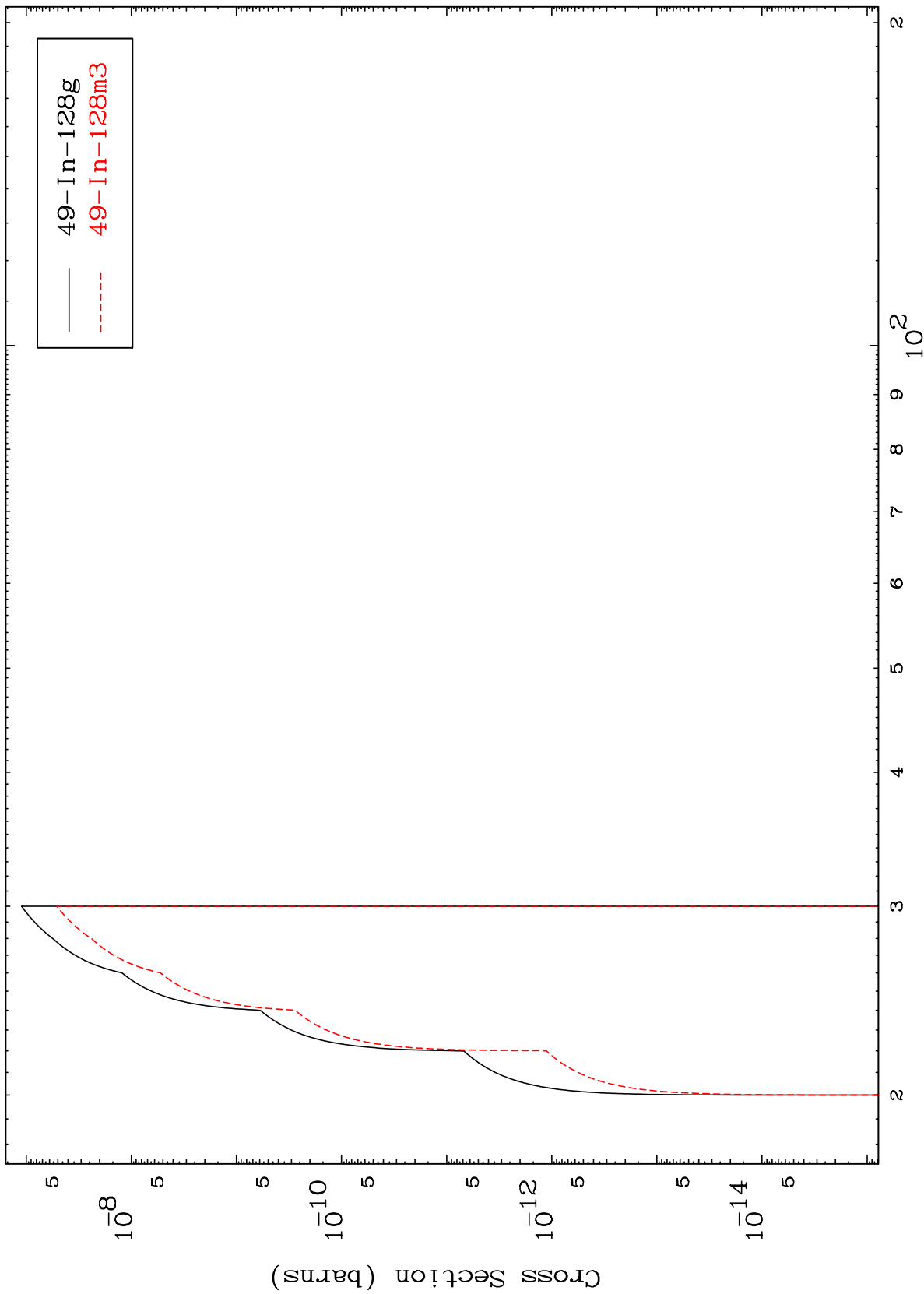
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,t)  
Radionuclide Production Cross Section



50-Sn-131m

Incident Energy (MeV)

20