

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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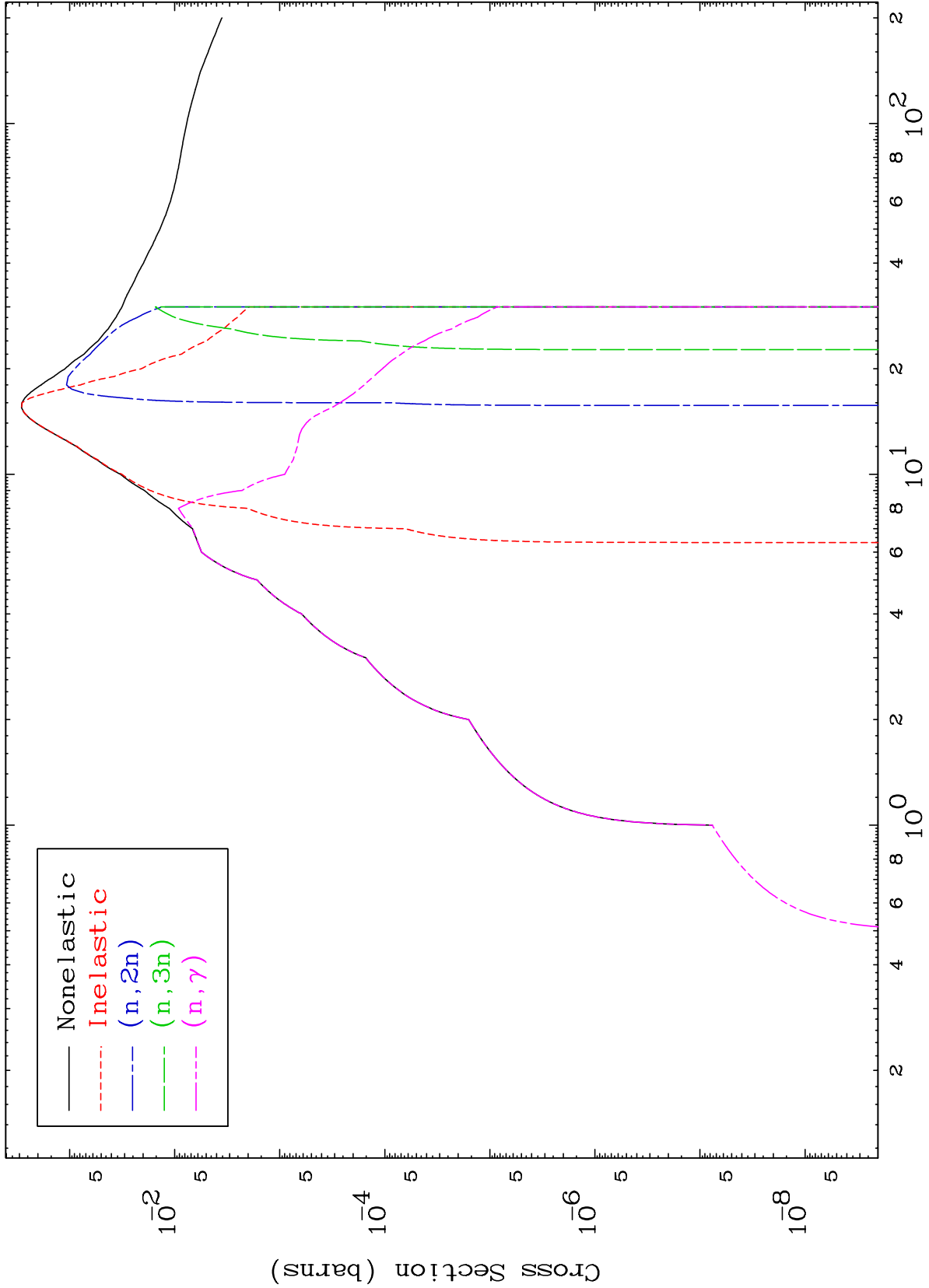
Press Mouse Button to Start

MAT 5047

Photon Major

50-Sn-119m

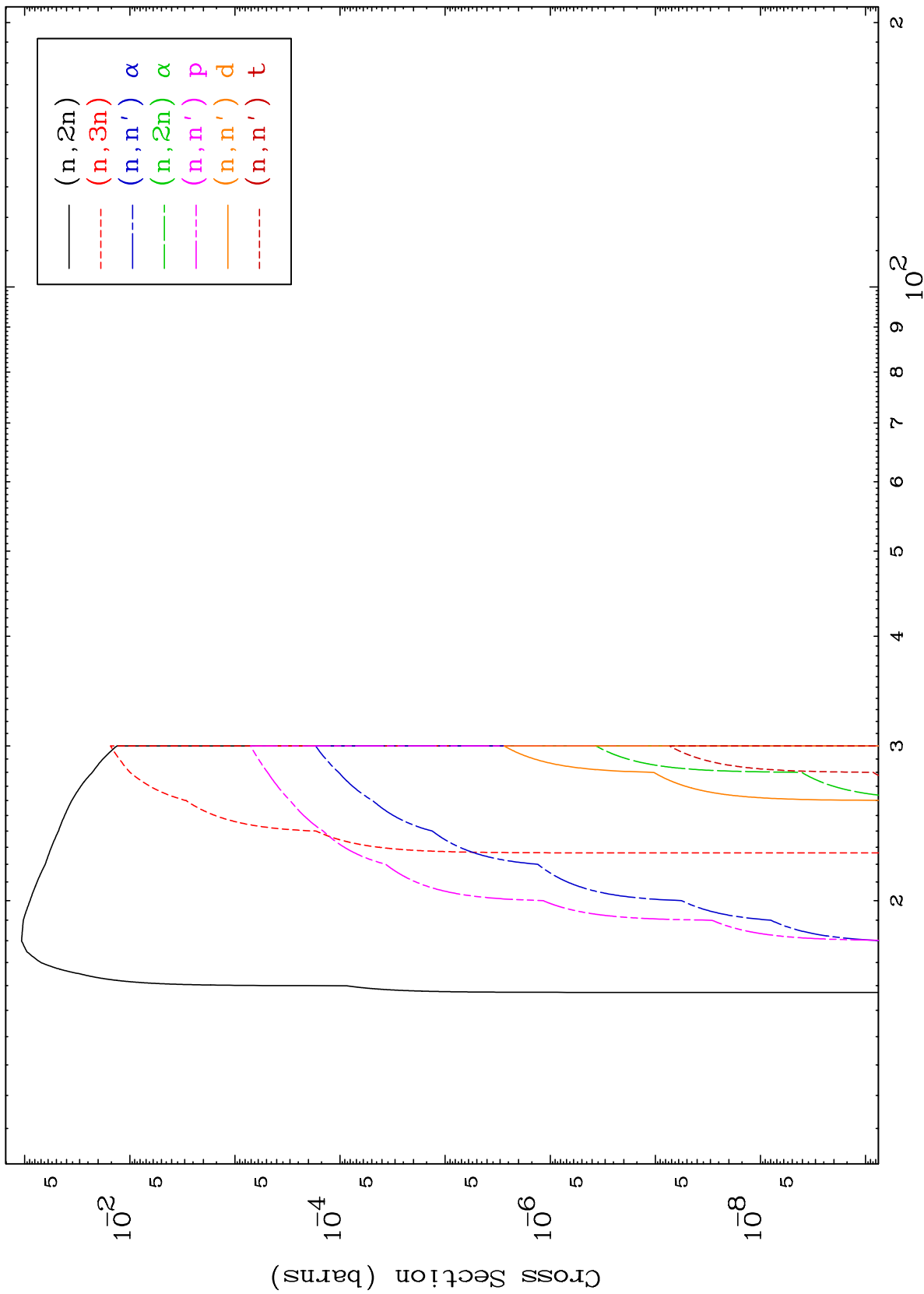
0 Kelvin Cross Sections



MAT 5047

Photon Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-119m



2

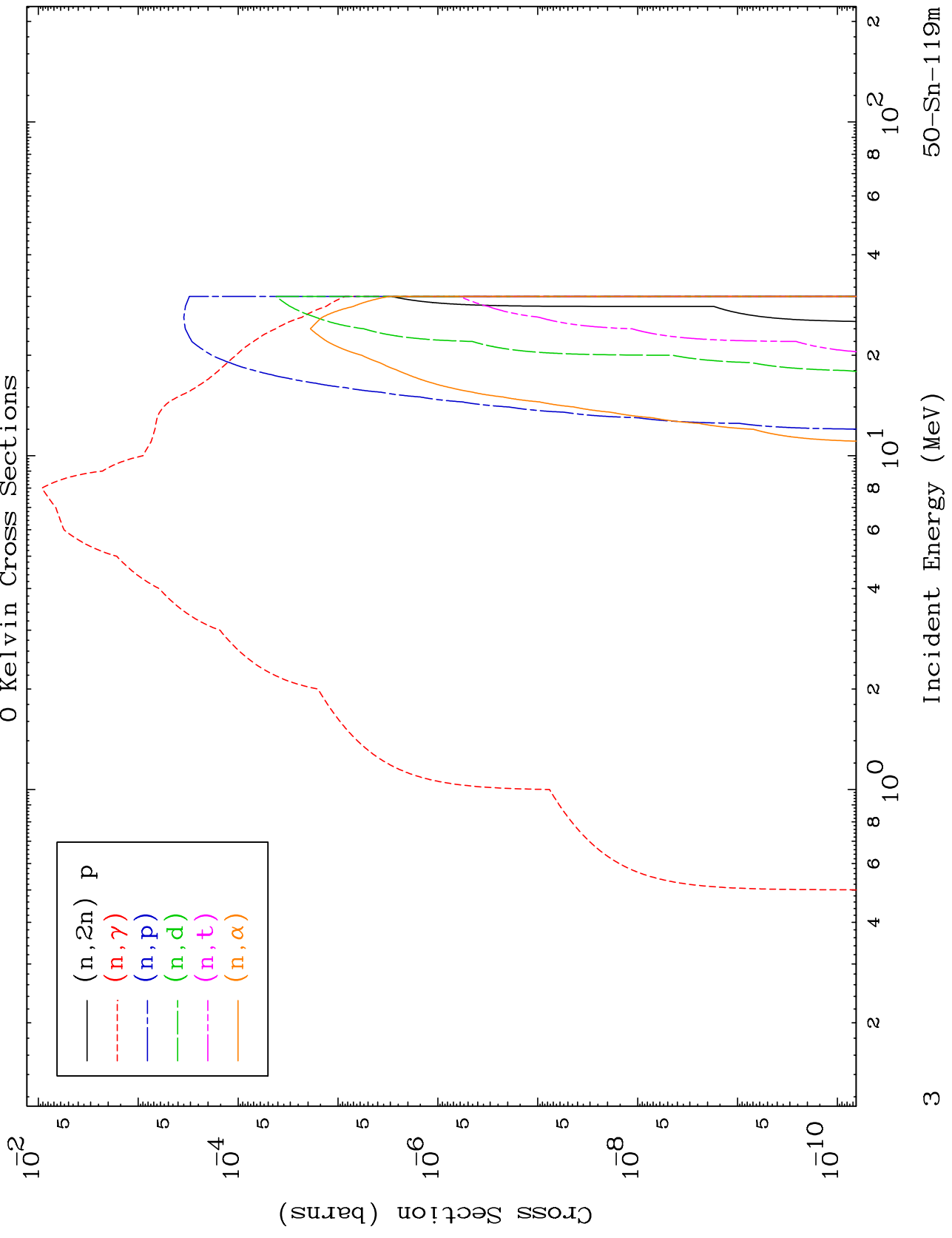
Incident Energy (MeV)

50-Sn-119m

MAT 5047

Photon Neutron Absorption  
0 Kelvin Cross Sections

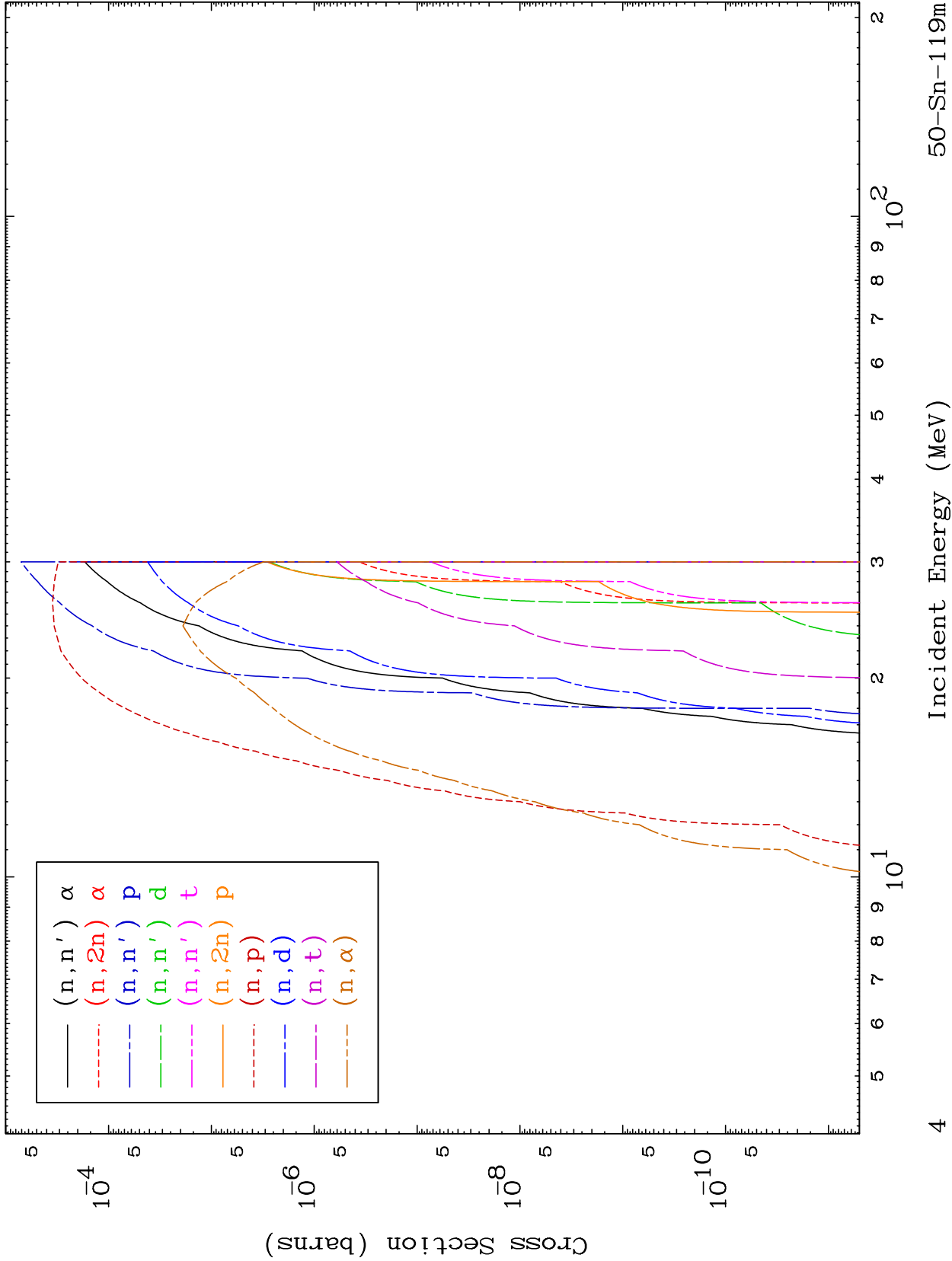
50-Sn-119m



MAT 5047

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-119m

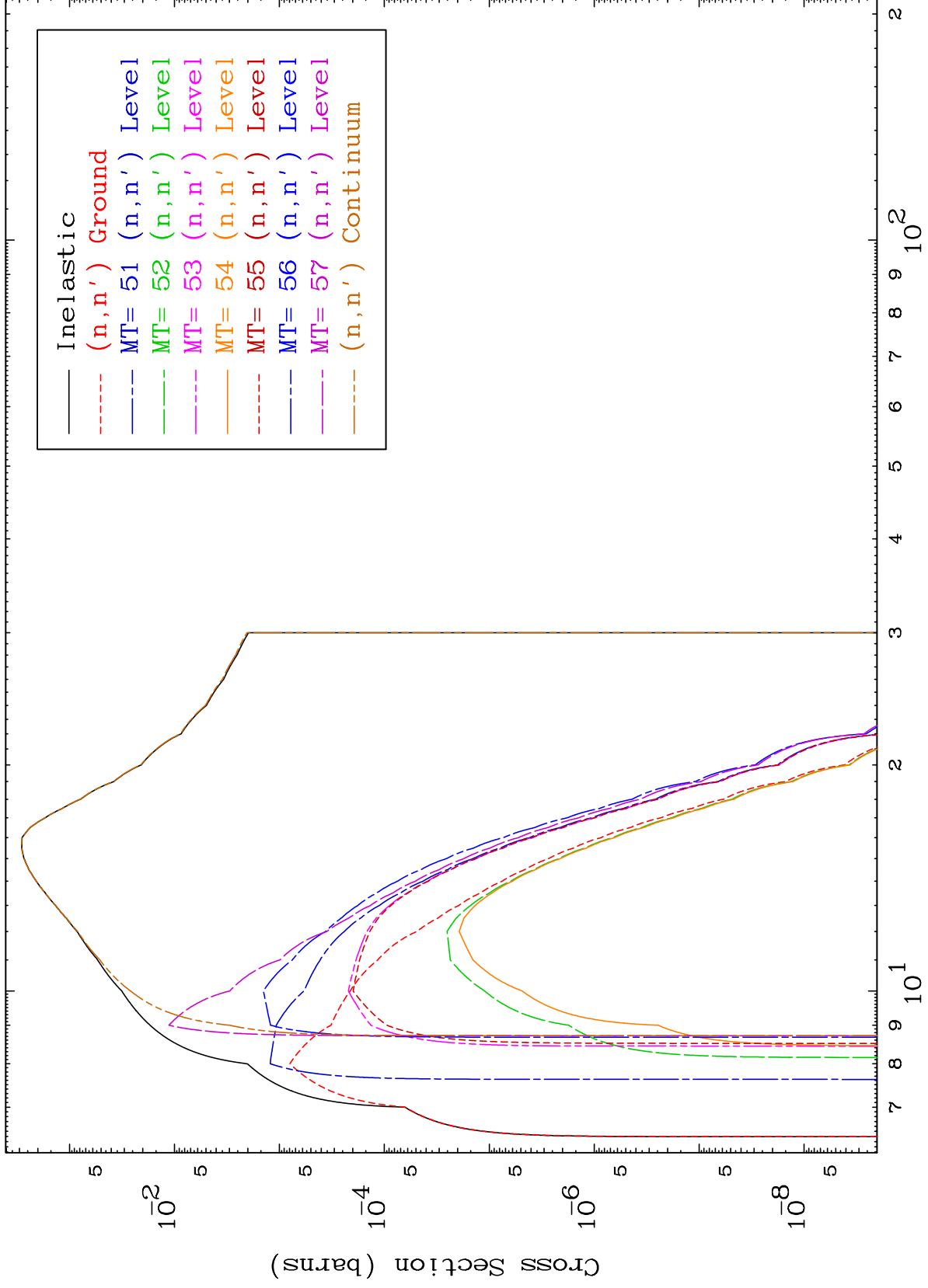


MAT 5047

( $\gamma, n'$ ) Levels

50-Sn-119m

0 Kelvin Cross Sections



5

Incident Energy (MeV)

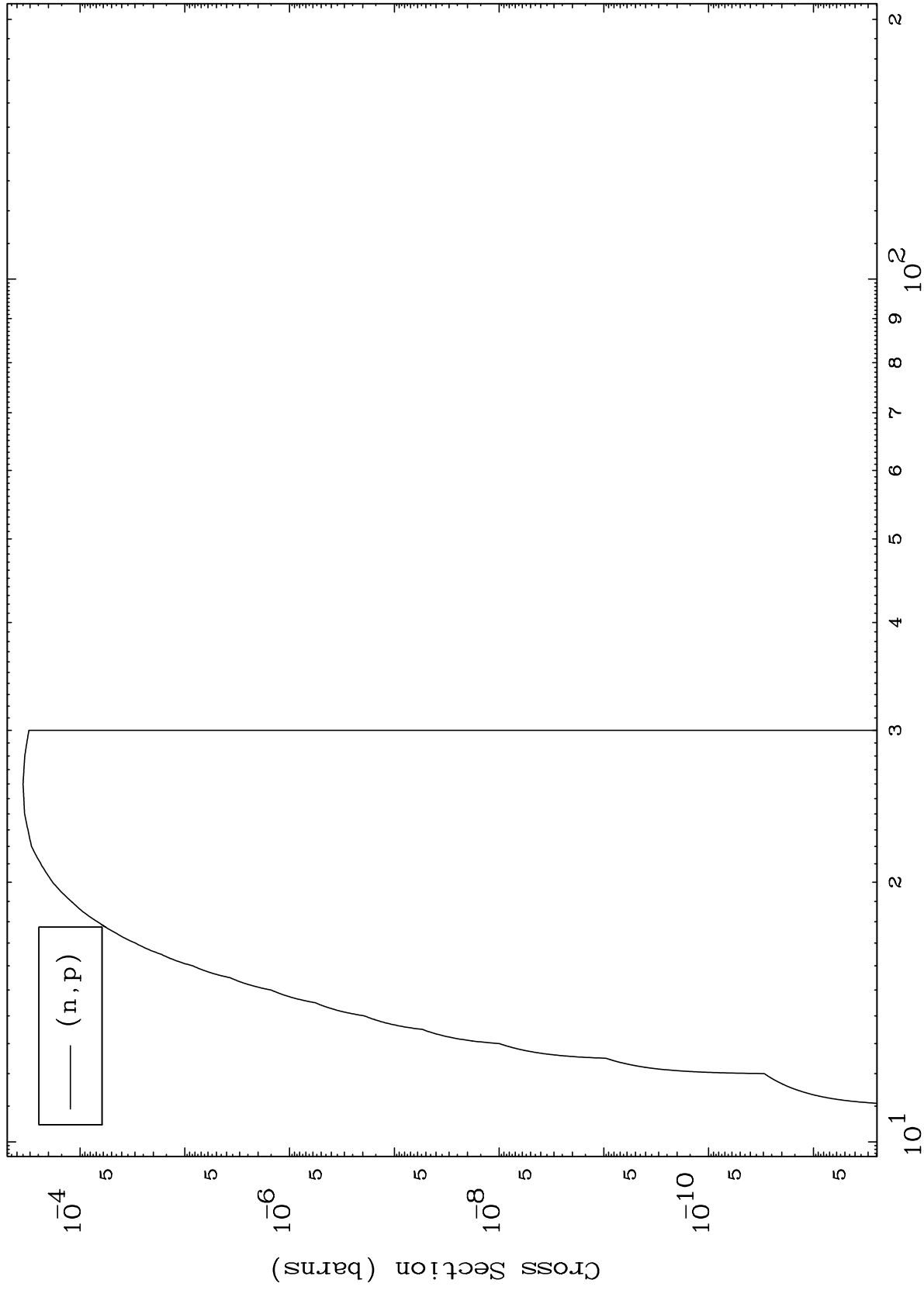
50-Sn-119m

MAT 5047

( $\gamma, p$ ) Levels

50-Sn-119m

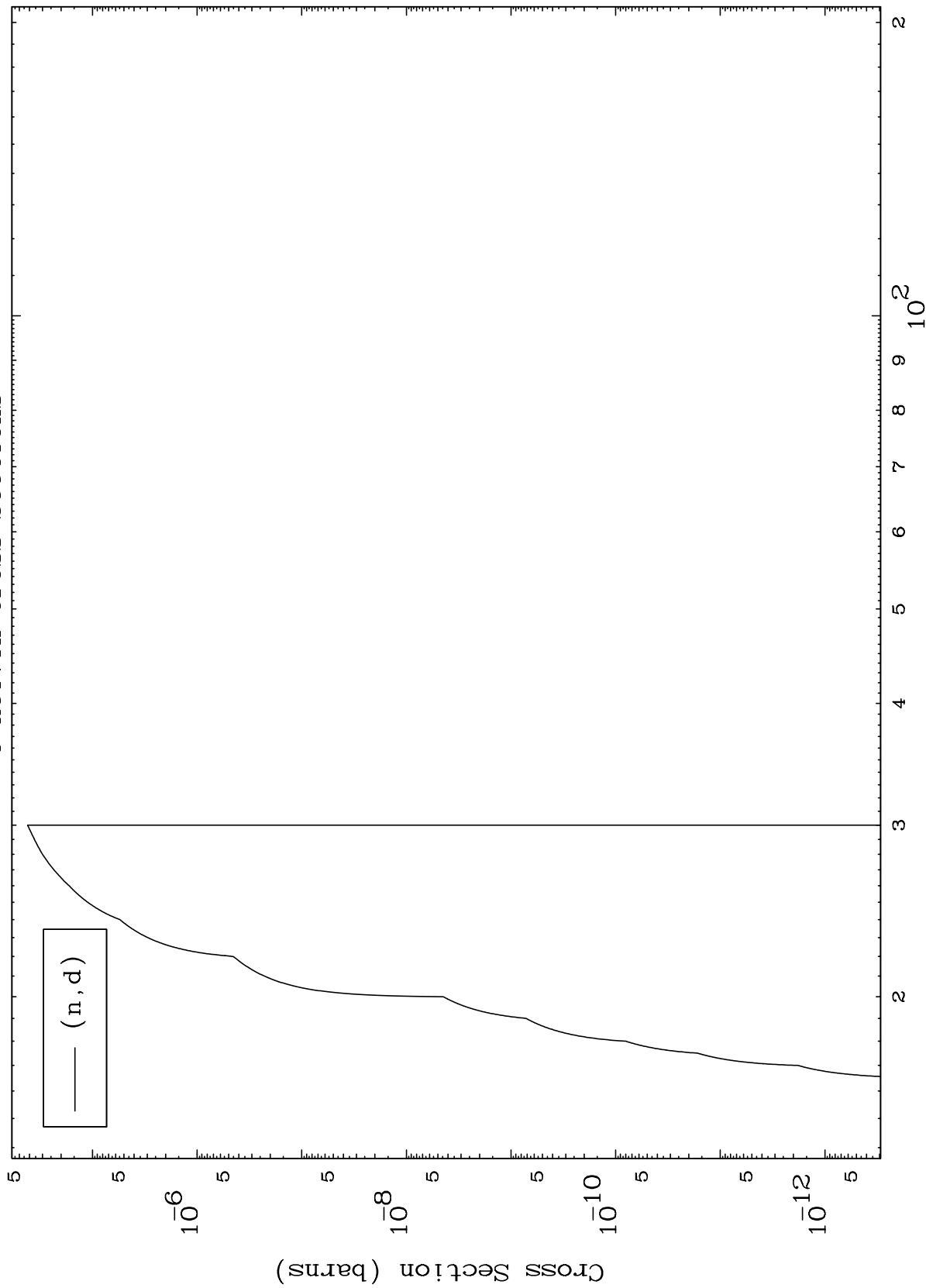
0 Kelvin Cross Sections



MAT 5047

50-Sn-119m

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



50-Sn-119m

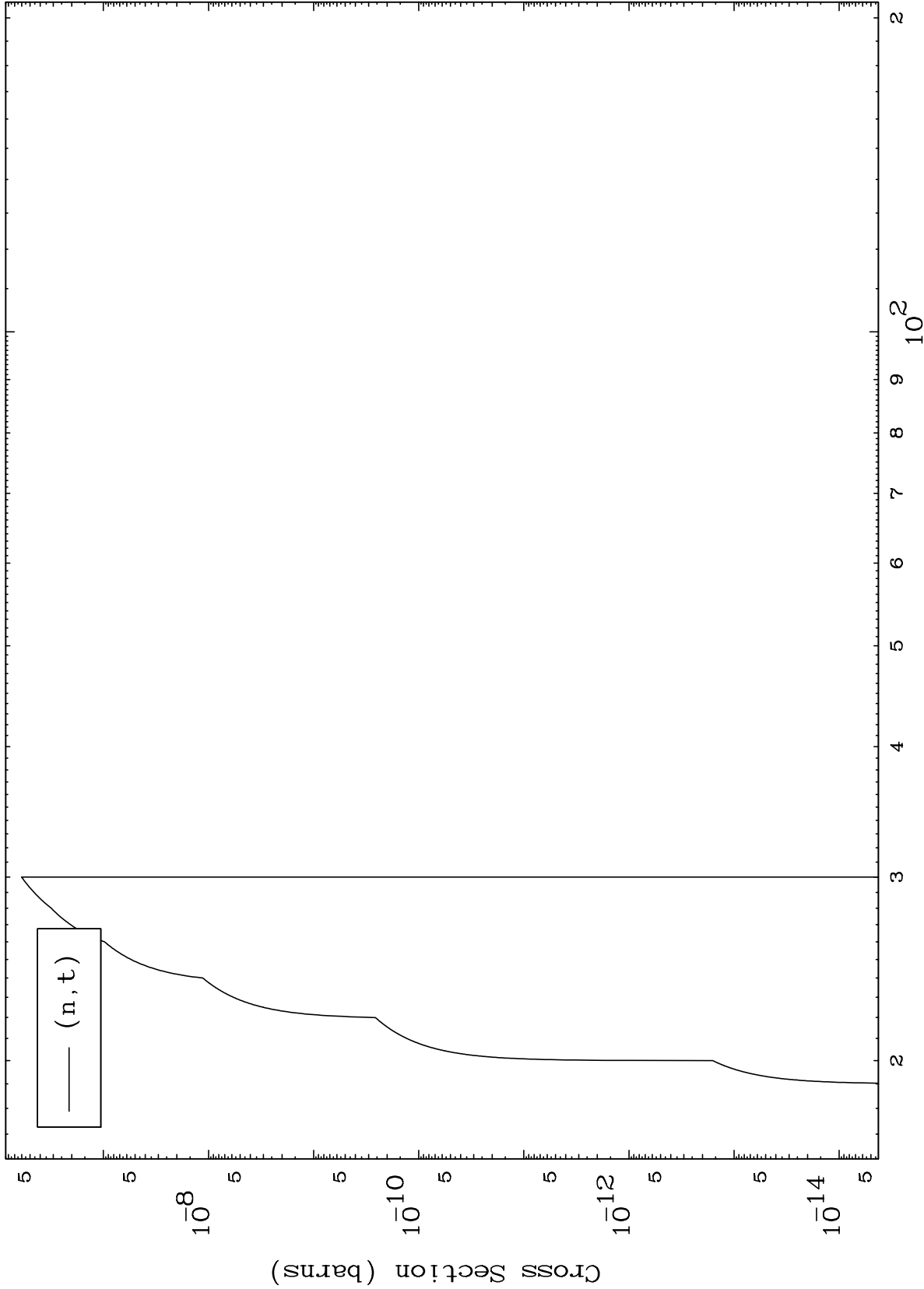
Incident Energy (MeV)

7

MAT 5047

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

50-Sn-119m



8

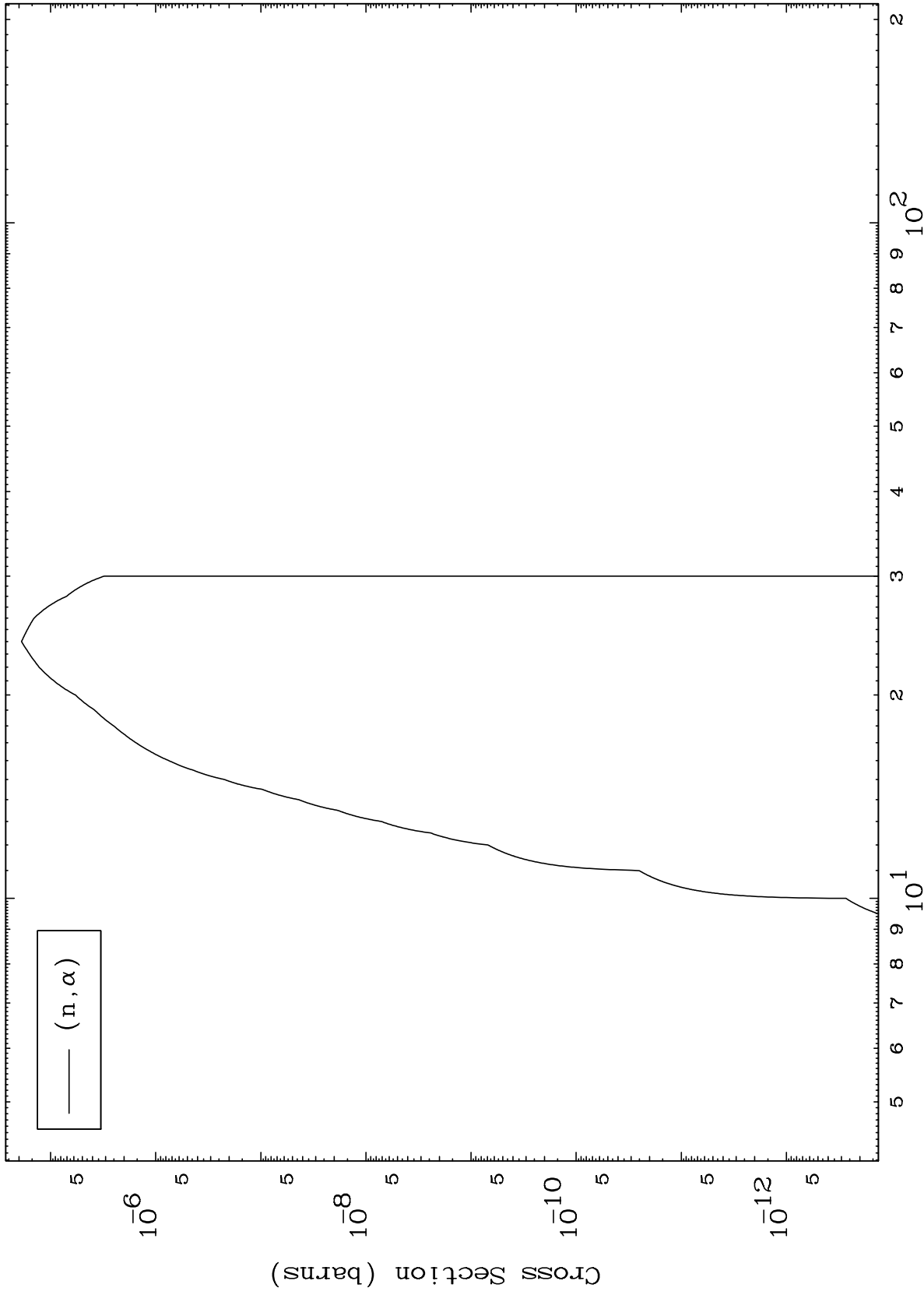
Incident Energy (MeV)

50-Sn-119m

MAT 5047

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

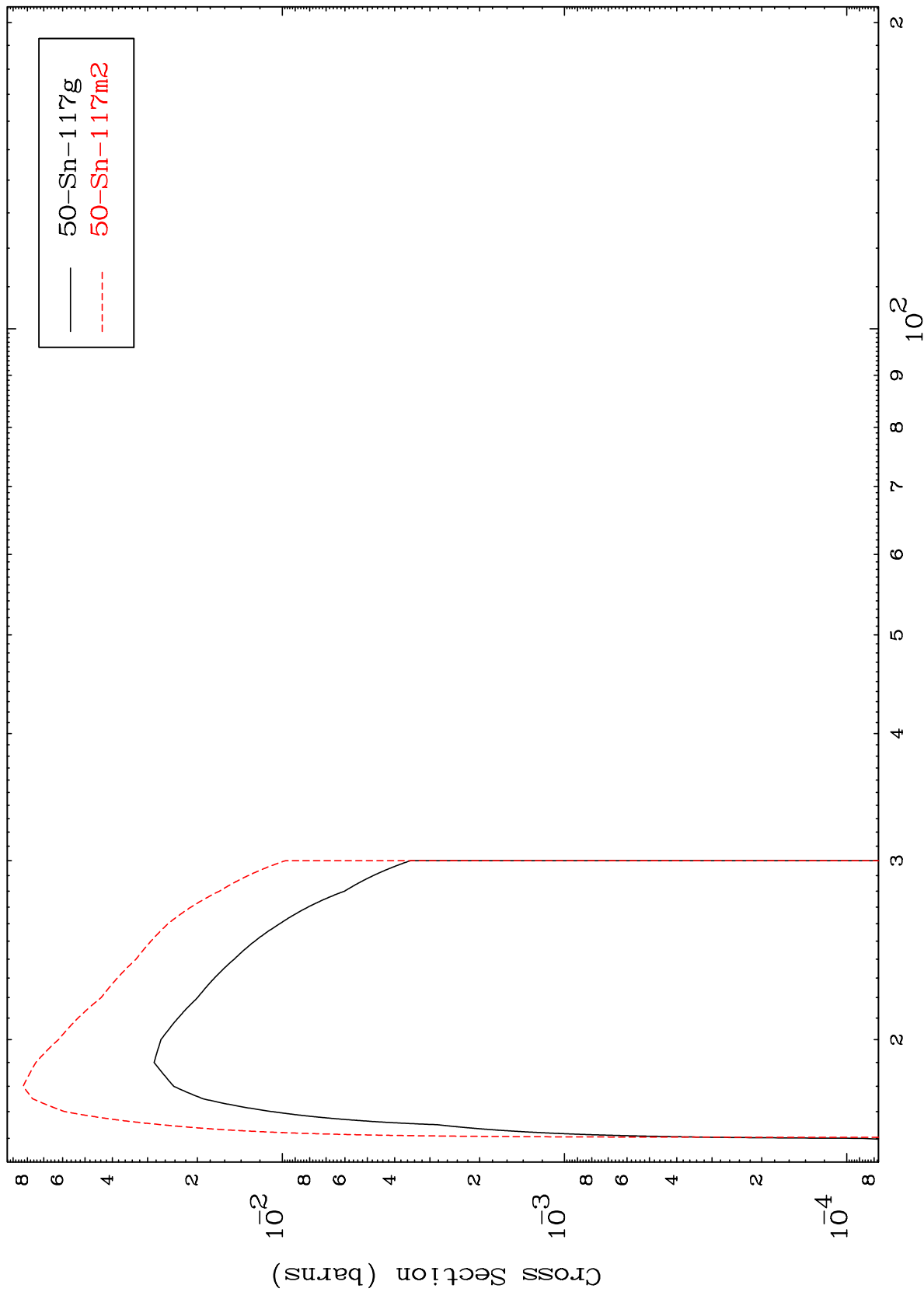
50-Sn-119m



MAT 5047

50-Sn-119m

(n,2n)  
Radionuclide Production Cross Section



50-Sn-119m

Incident Energy (MeV)

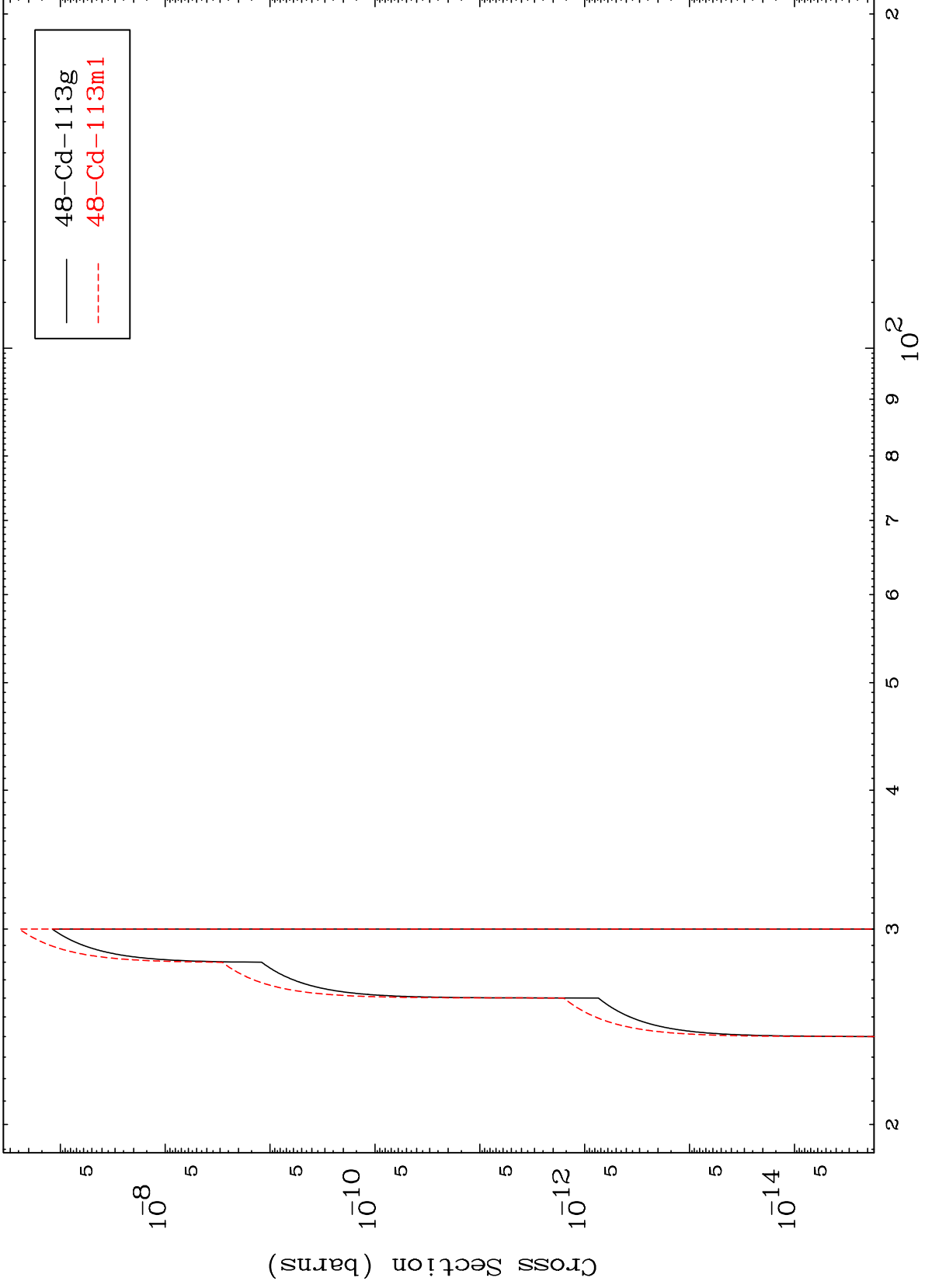
10

MAT 5047

(n,2n)  $\alpha$

50-Sn-119m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

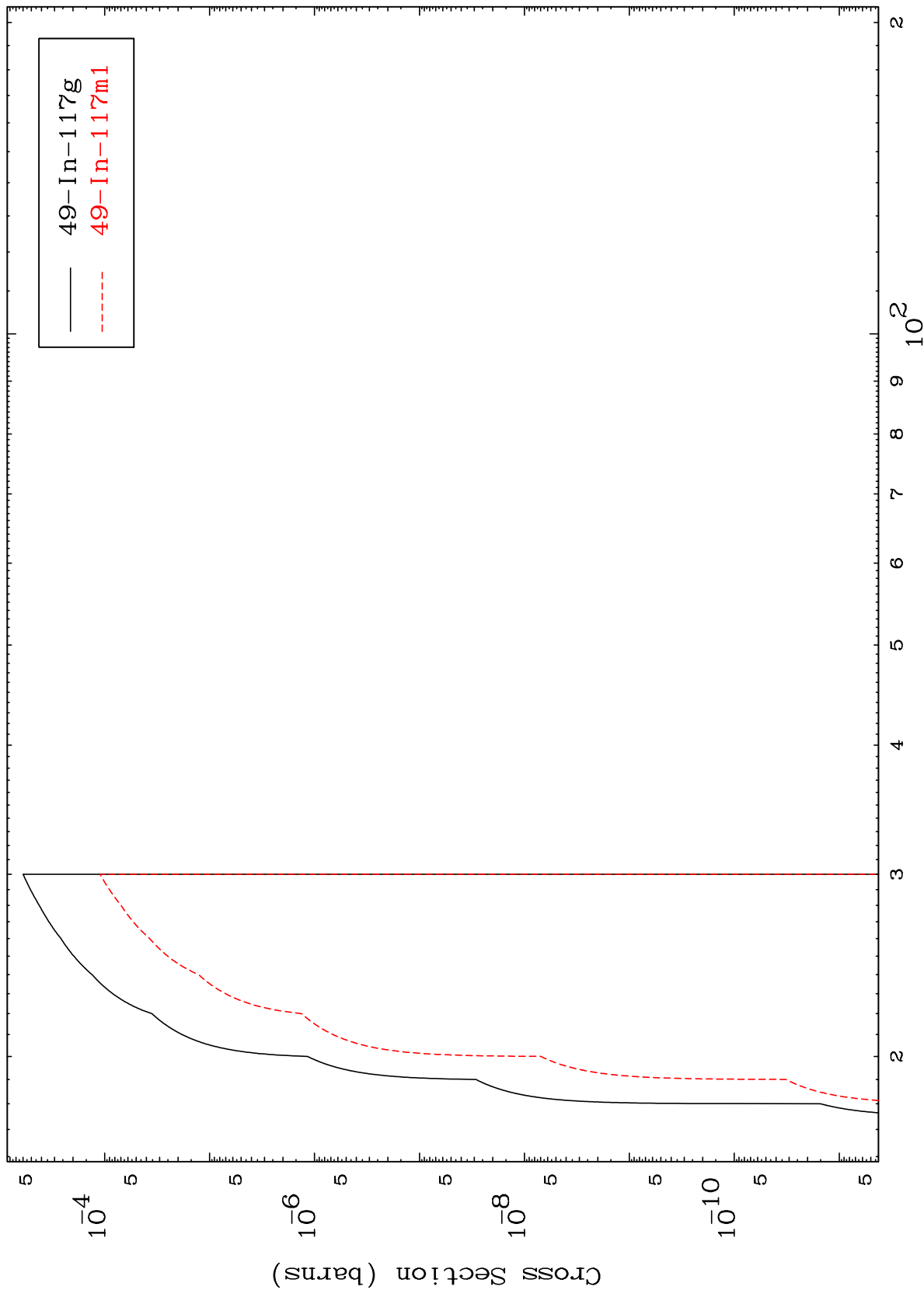
50-Sn-119m

MAT 5047

$(n, n')$  p

50-Sn-119m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

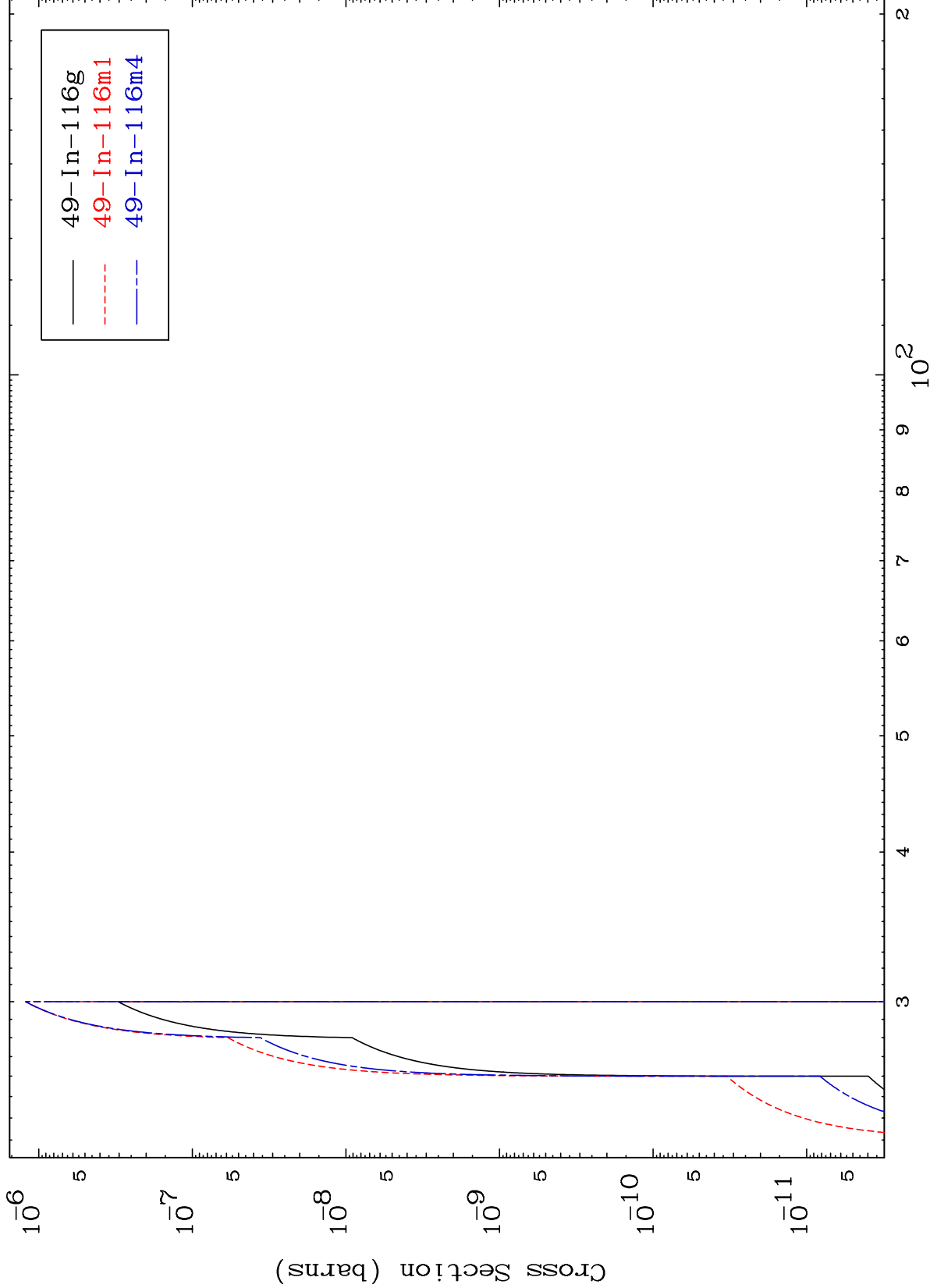
50-Sn-119m

MAT 5047

(n,n') d

50-Sn-119m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

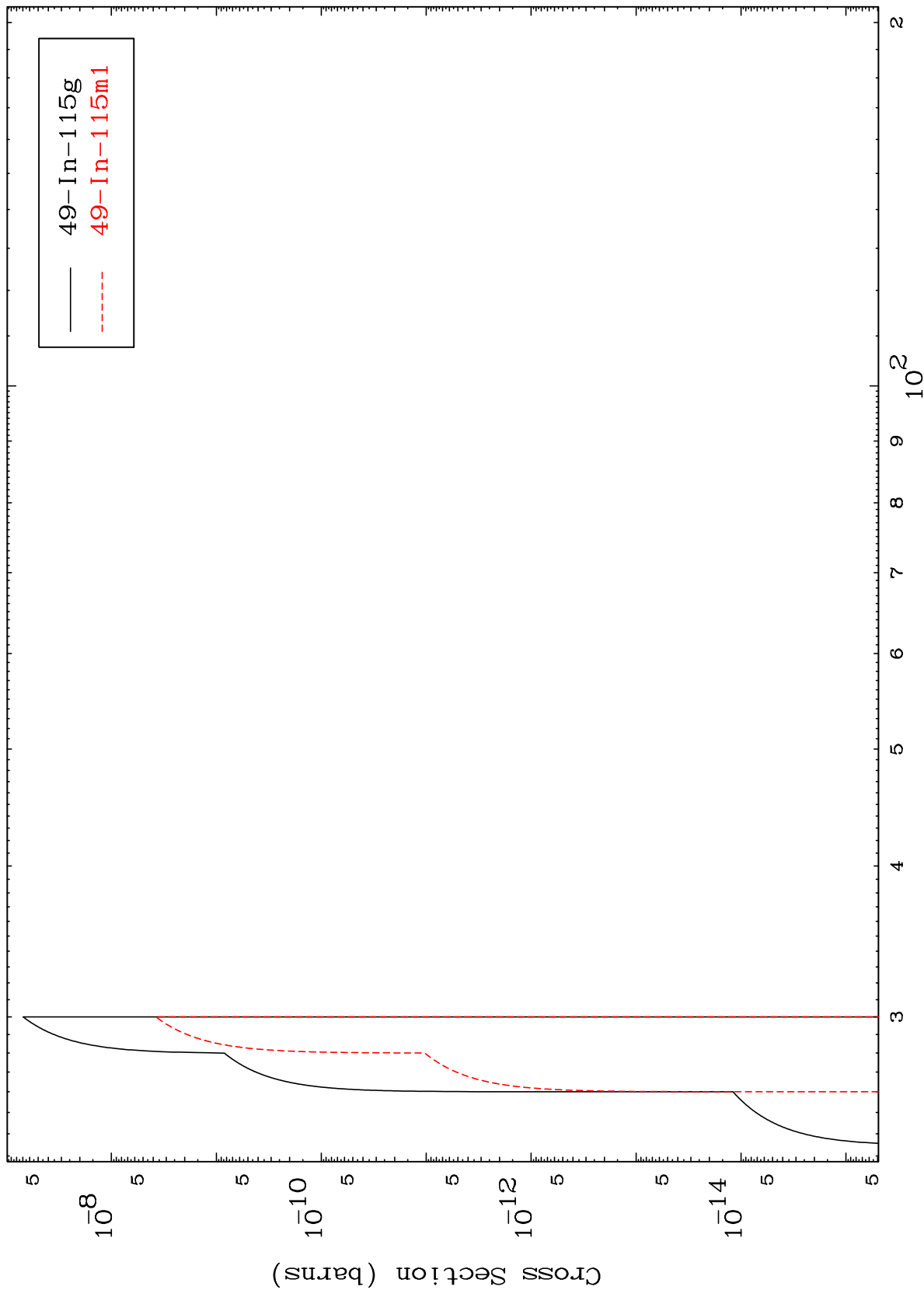
50-Sn-119m

MAT 5047

(n,n') t

50-Sn-119m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

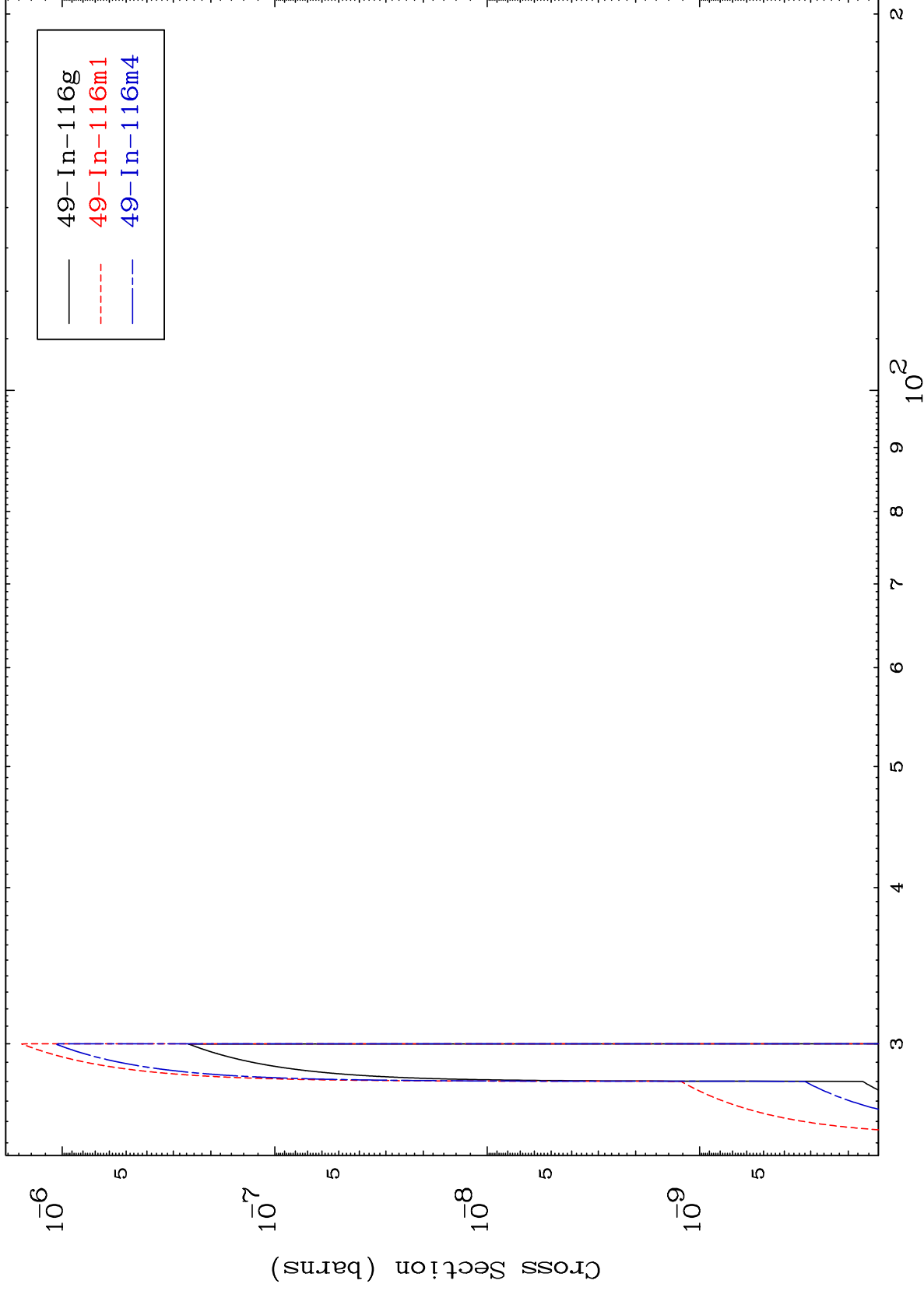
50-Sn-119m

MAT 5047

(n,2n) p

50-Sn-119m

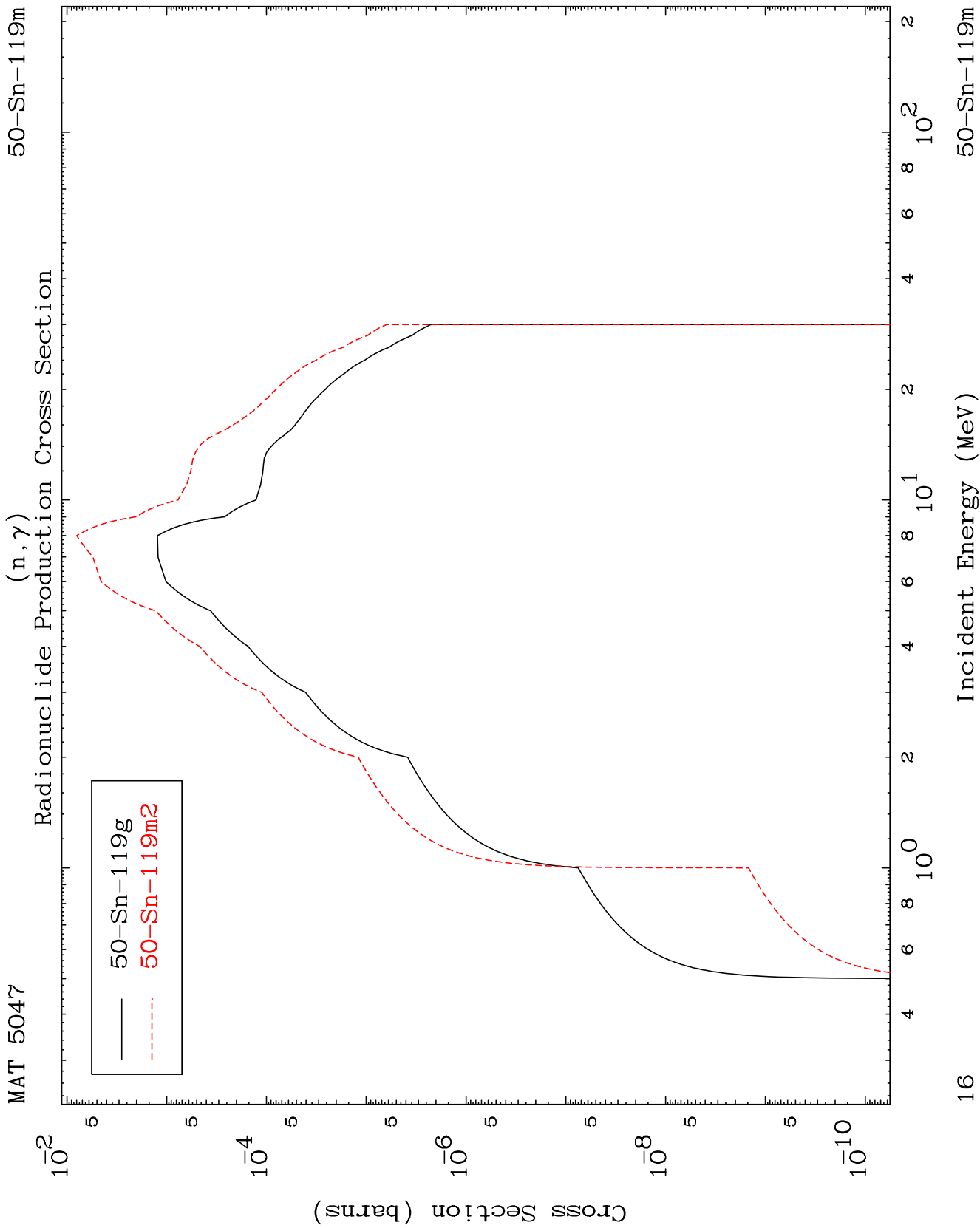
Radionuclide Production Cross Section



15

Incident Energy (MeV)

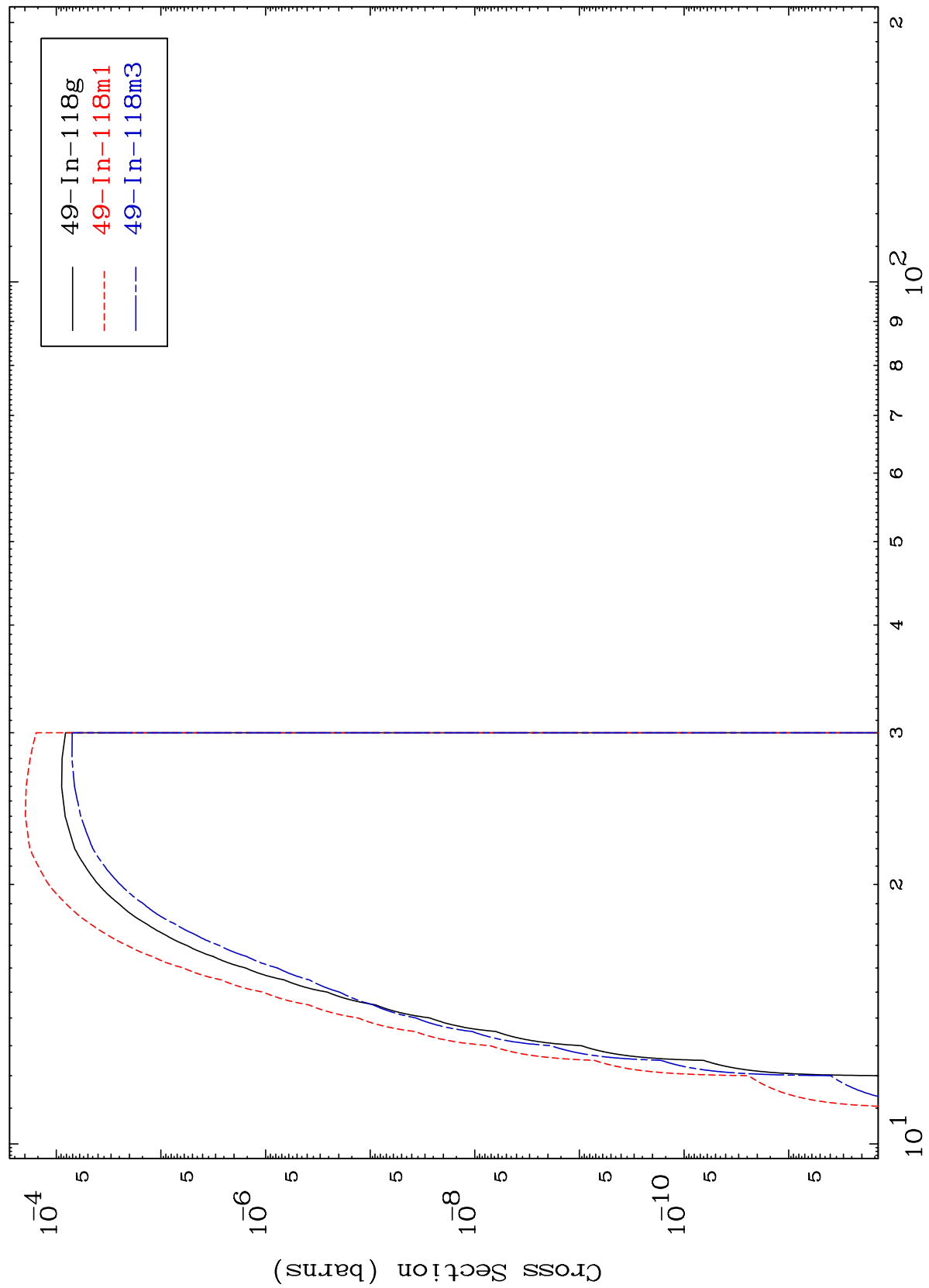
50-Sn-119m



MAT 5047

50-Sn-119m

(n,p)  
Radionuclide Production Cross Section



50-Sn-119m

Incident Energy (MeV)

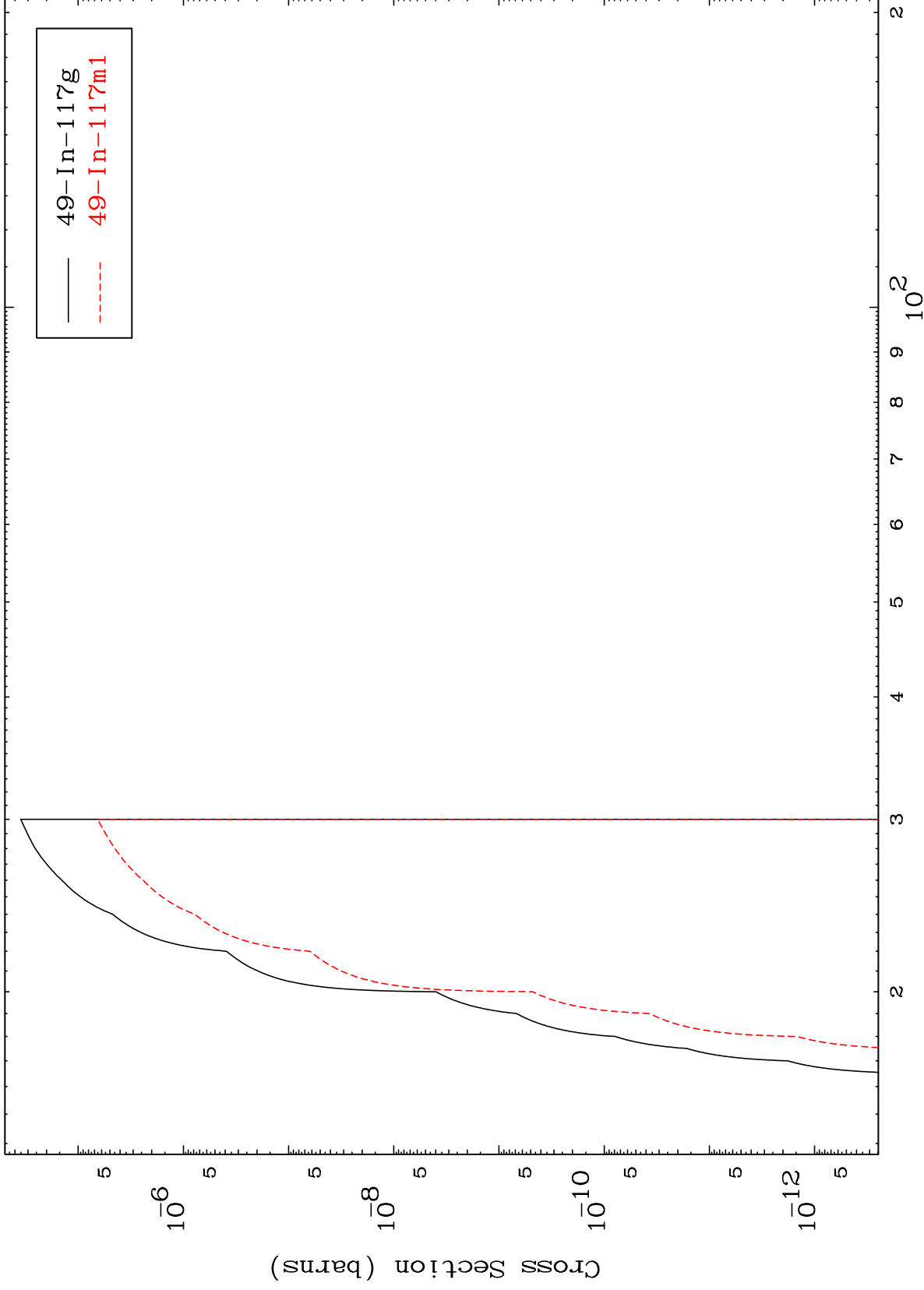
17

MAT 5047

(n,d)

50-Sn-119m

Radionuclide Production Cross Section



18

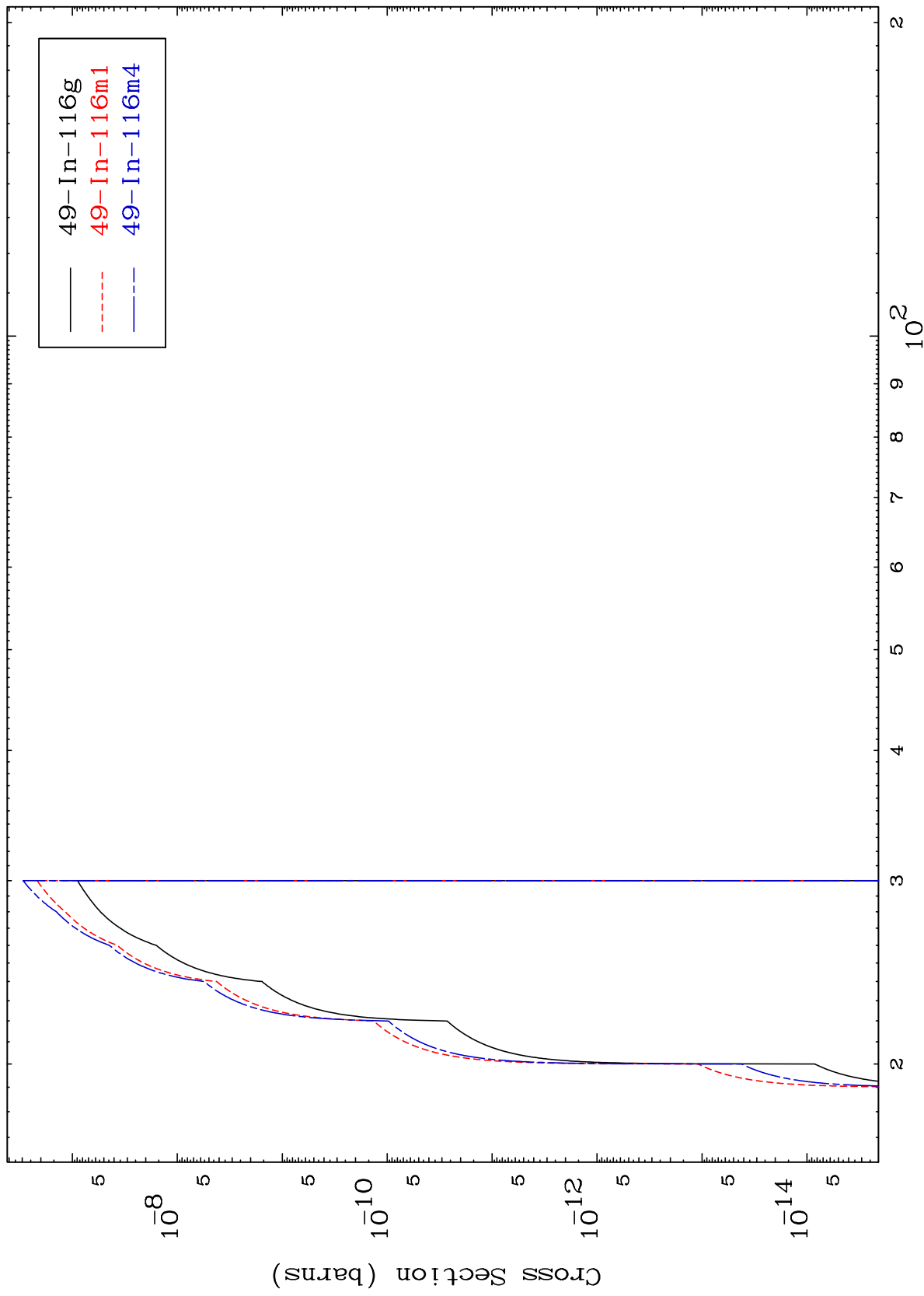
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

(n,t)  
Radionuclide Production Cross Section



19

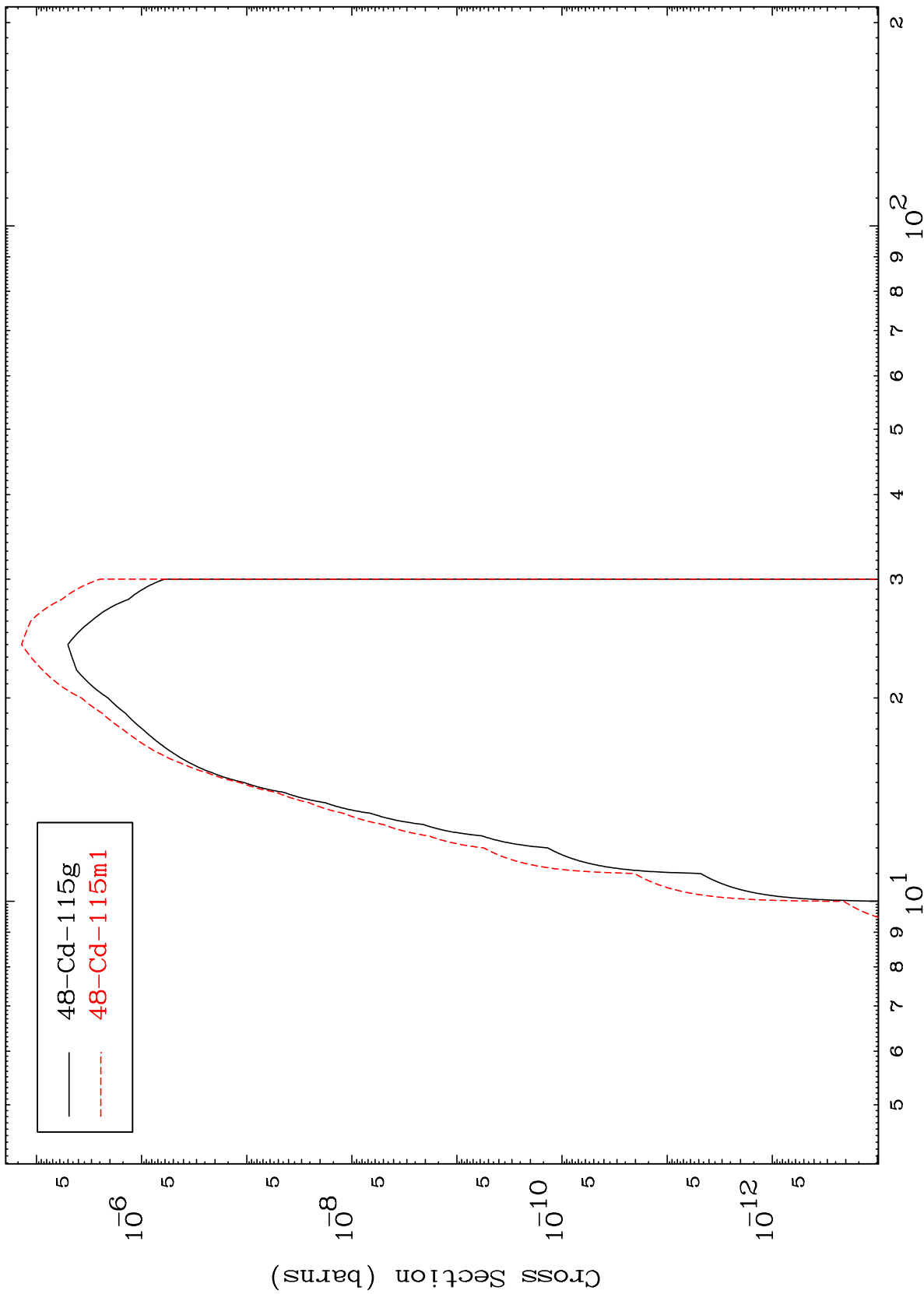
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

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



Incident Energy (MeV)

50-Sn-119m

20