

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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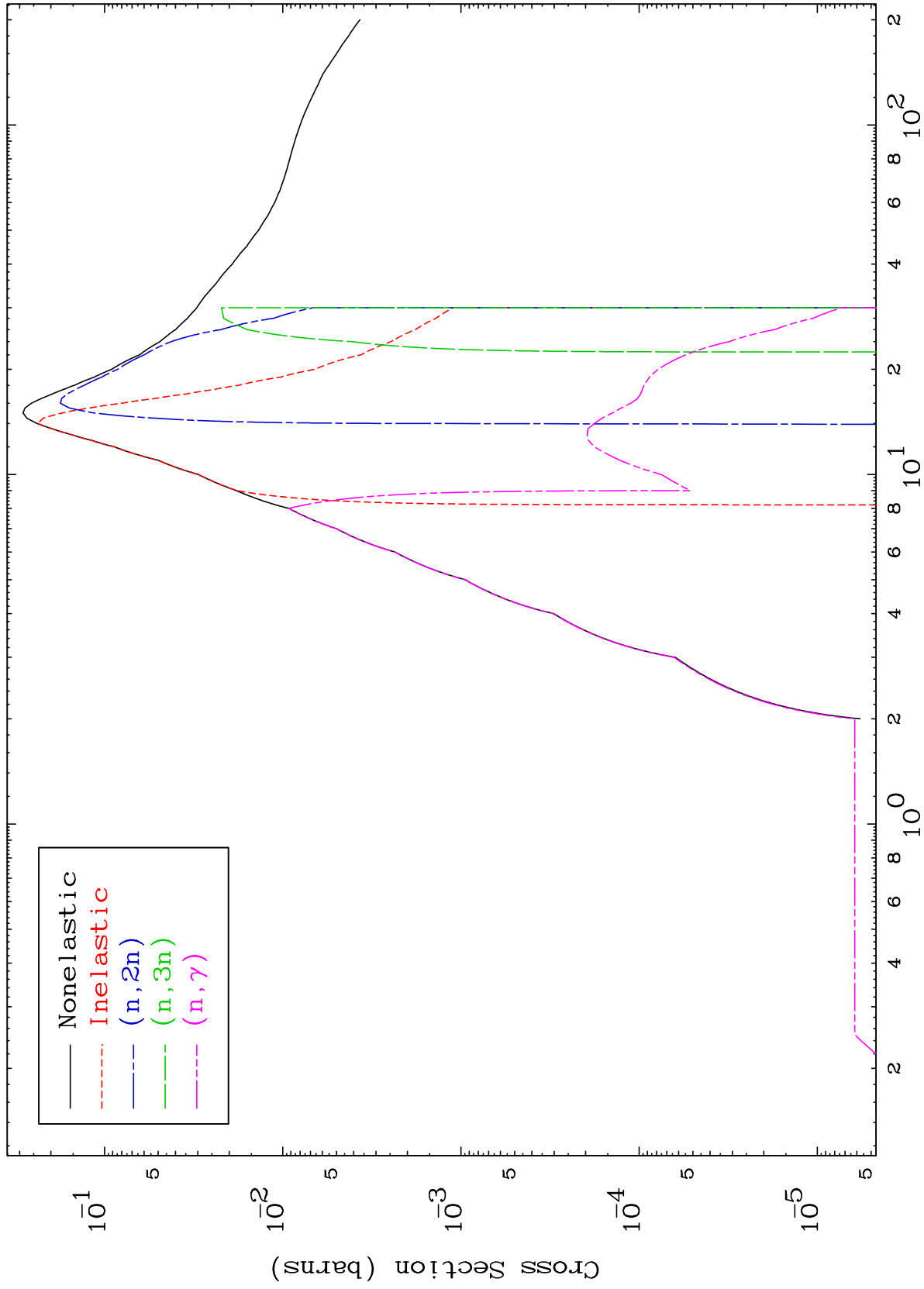
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5067

Photon Major  
0 Kelvin Cross Sections

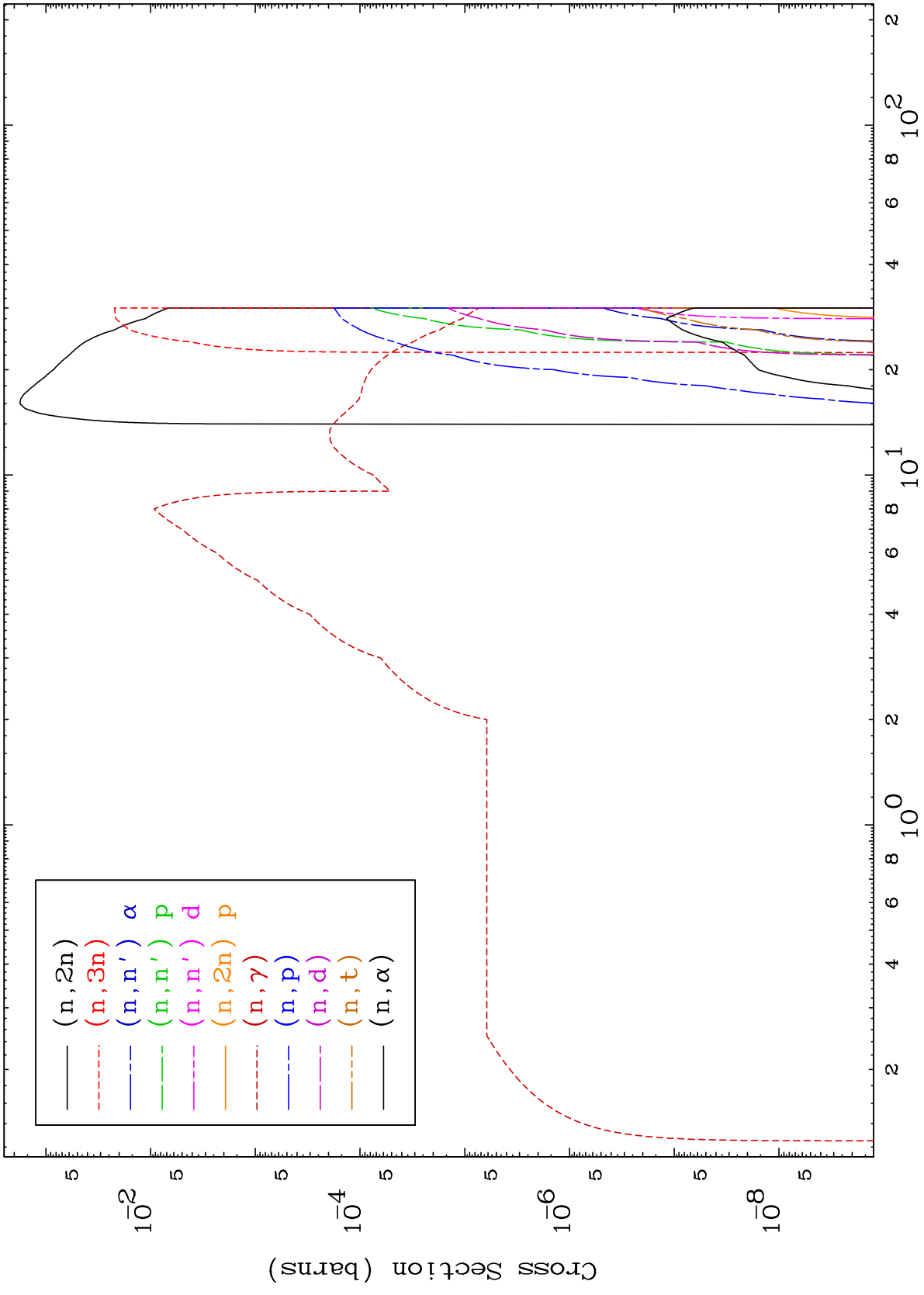
50-Sn-126



MAT 5067

Photon Neutron Absorption  
0 Kelvin Cross Sections

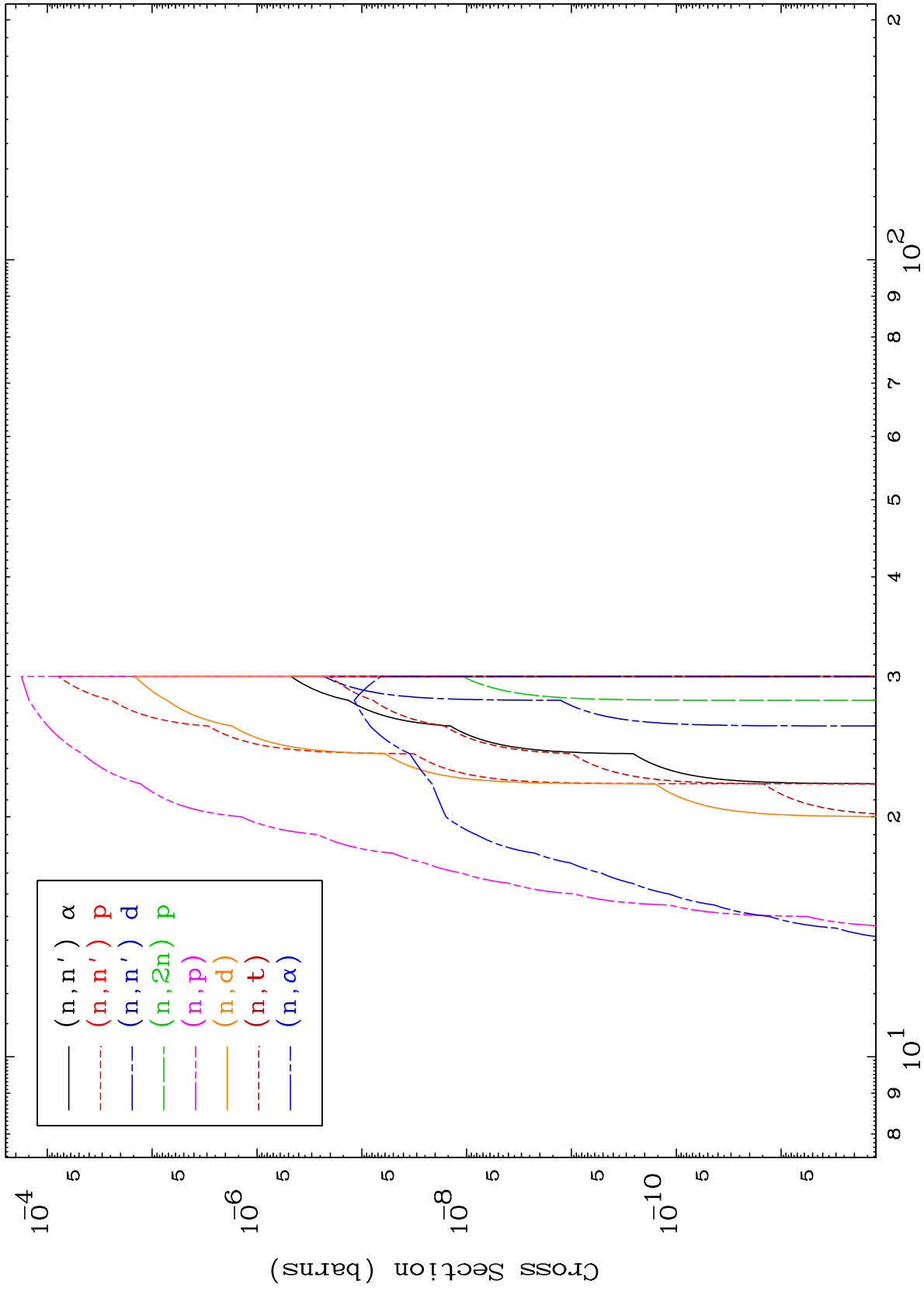
50-Sn-126



2

Incident Energy (MeV)

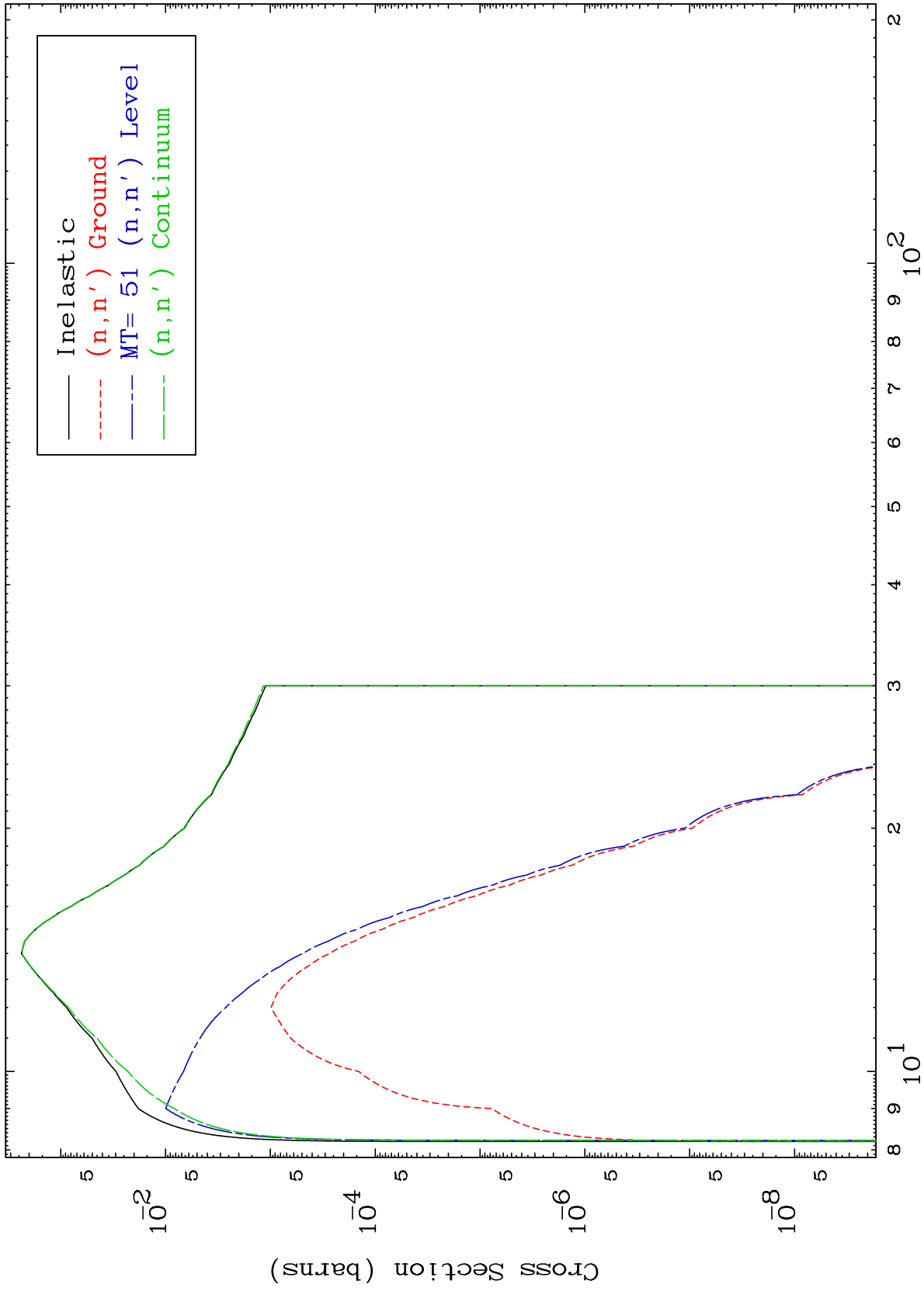
50-Sn-126



MAT 5067

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

50-Sn-126



4

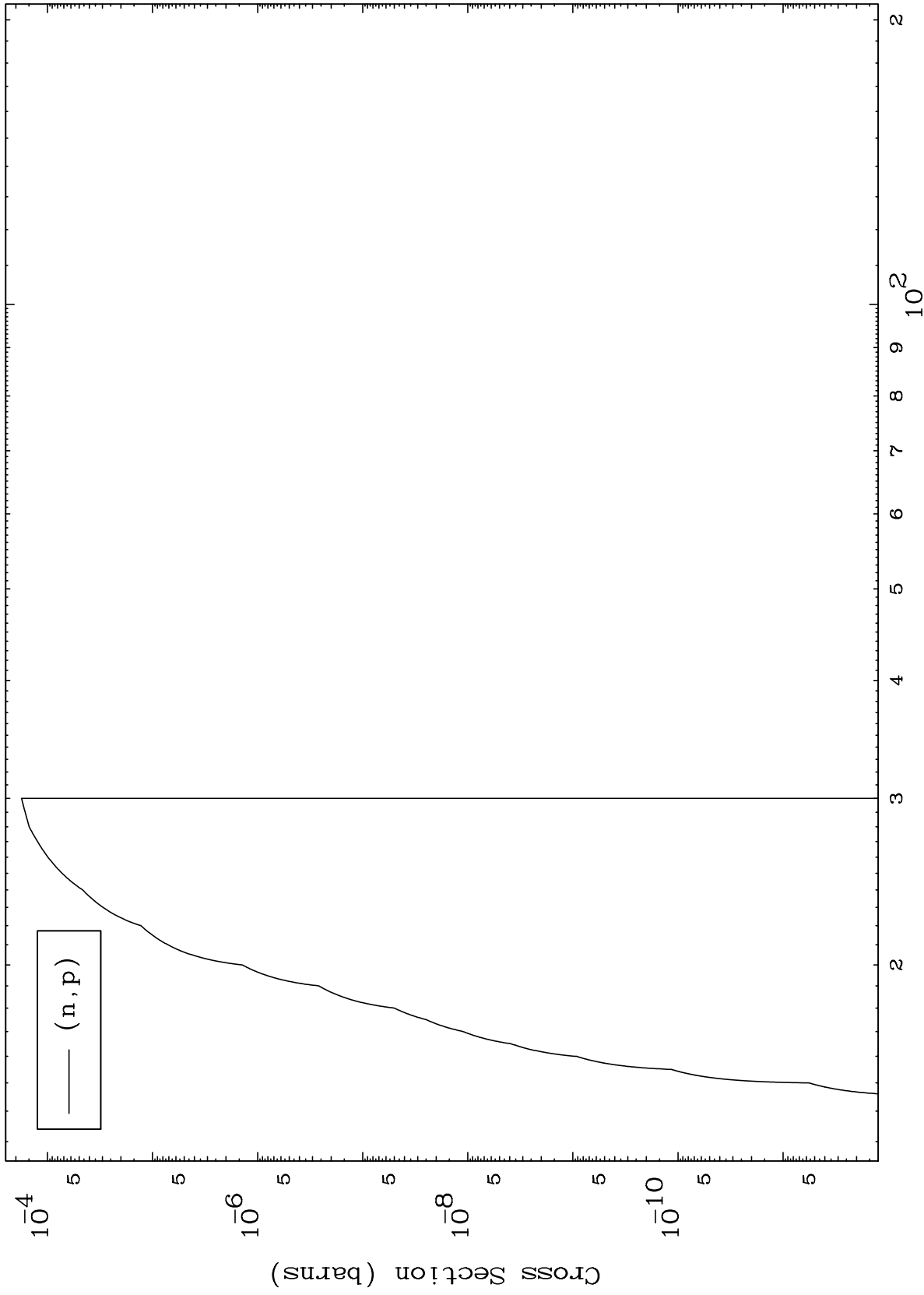
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



5

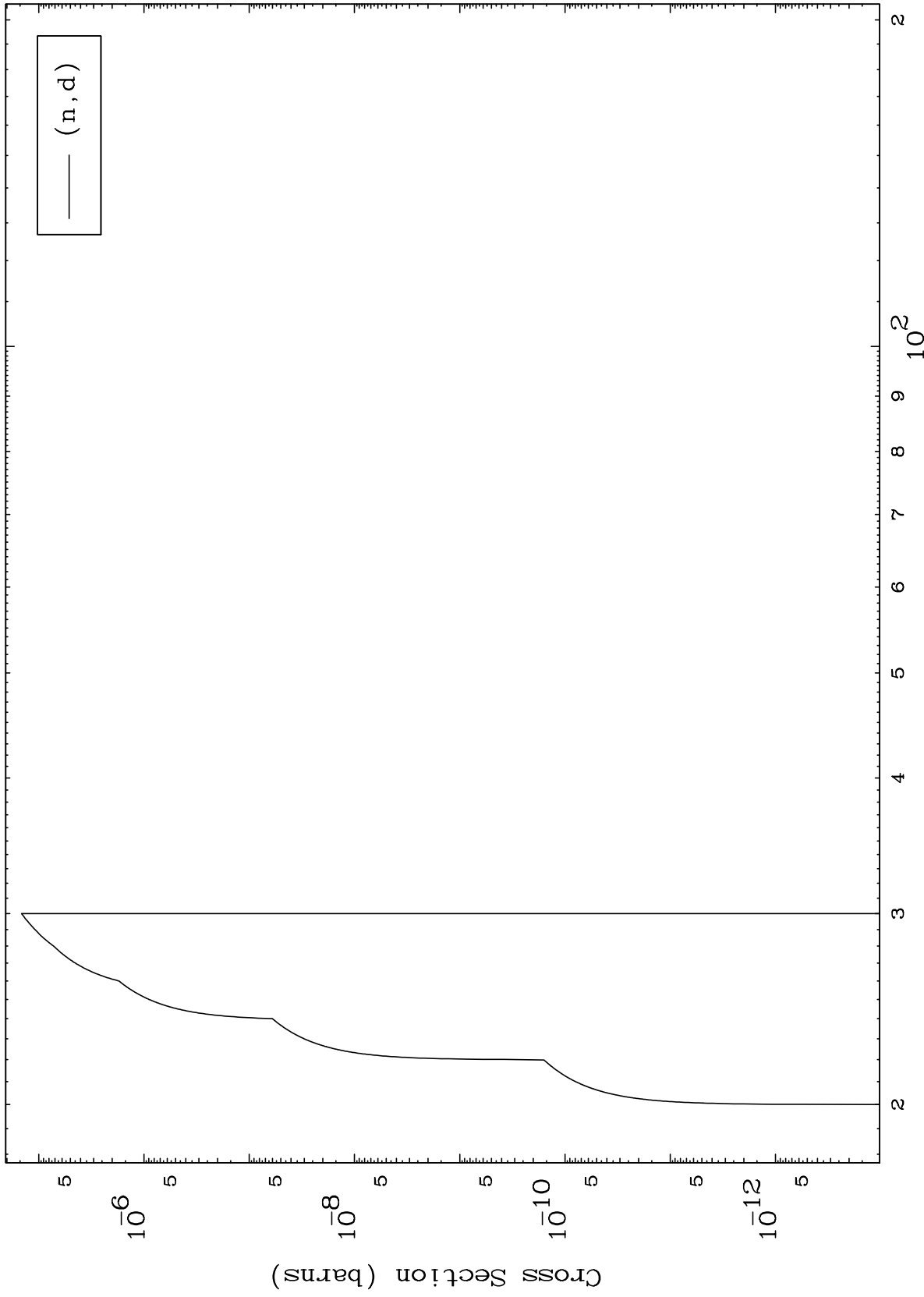
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



6

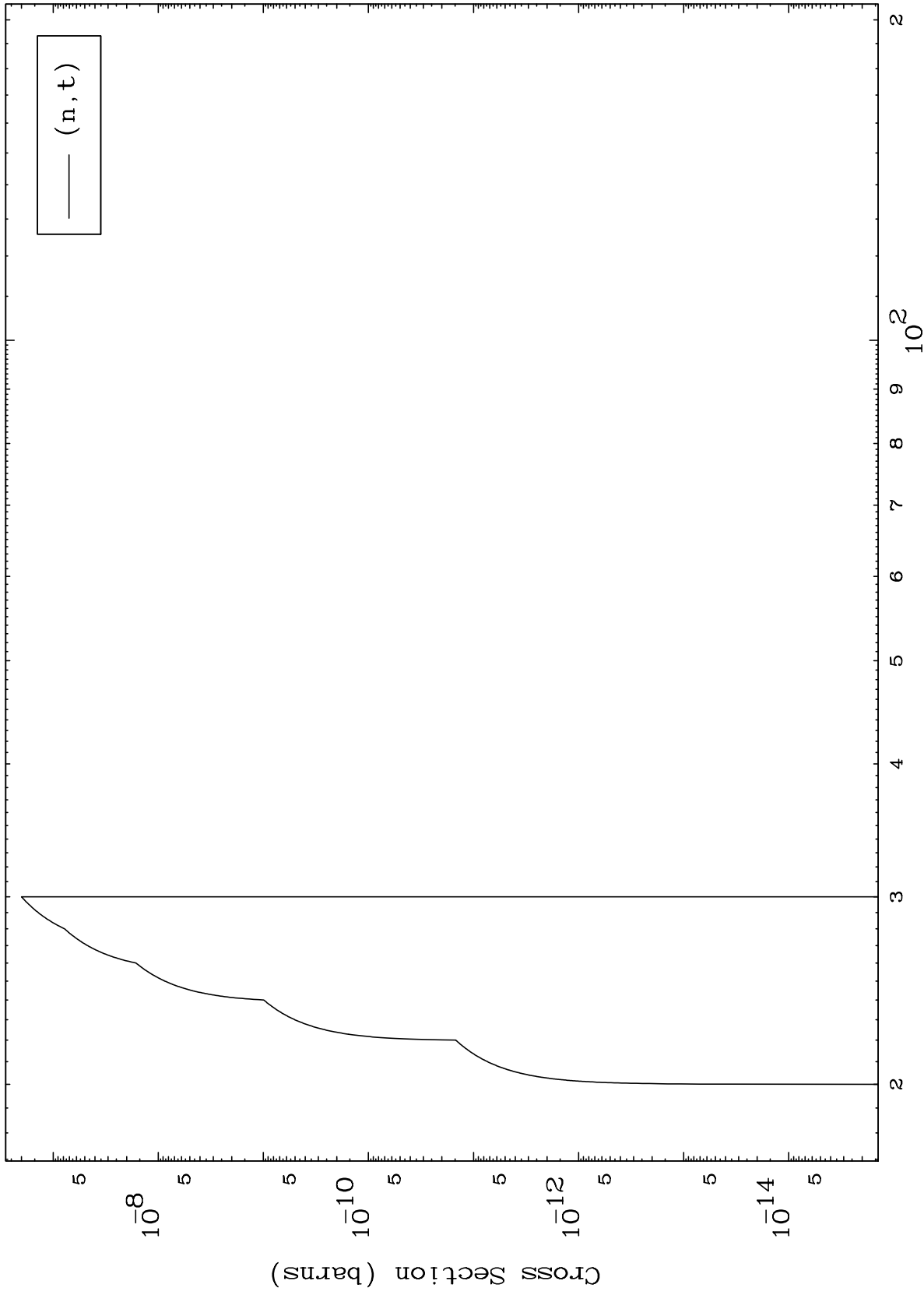
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



7

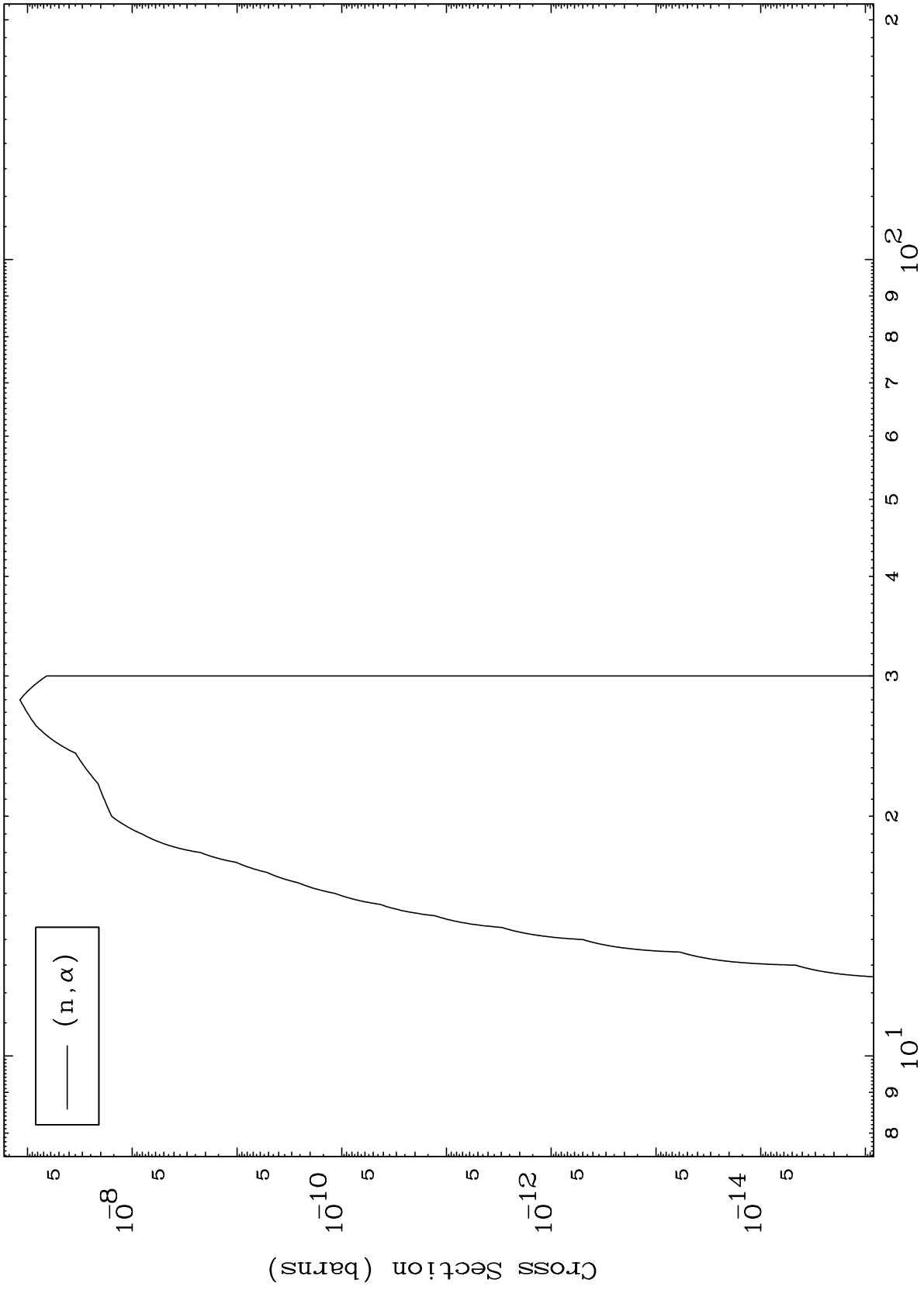
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



8

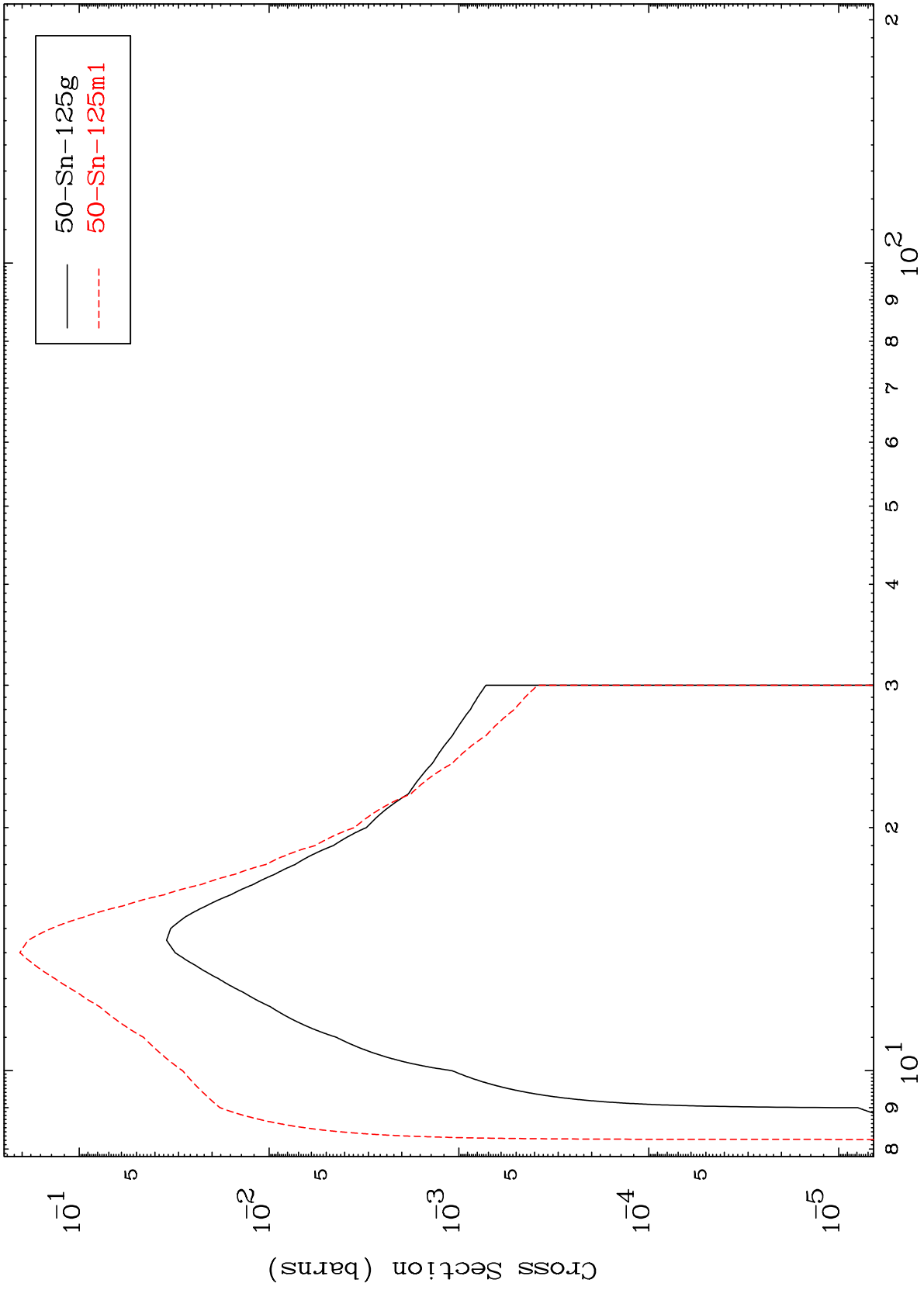
Incident Energy (MeV)

50-Sn-126

MAT 5067

Inelastic  
Radionuclide Production Cross Section

50-Sn-126



9

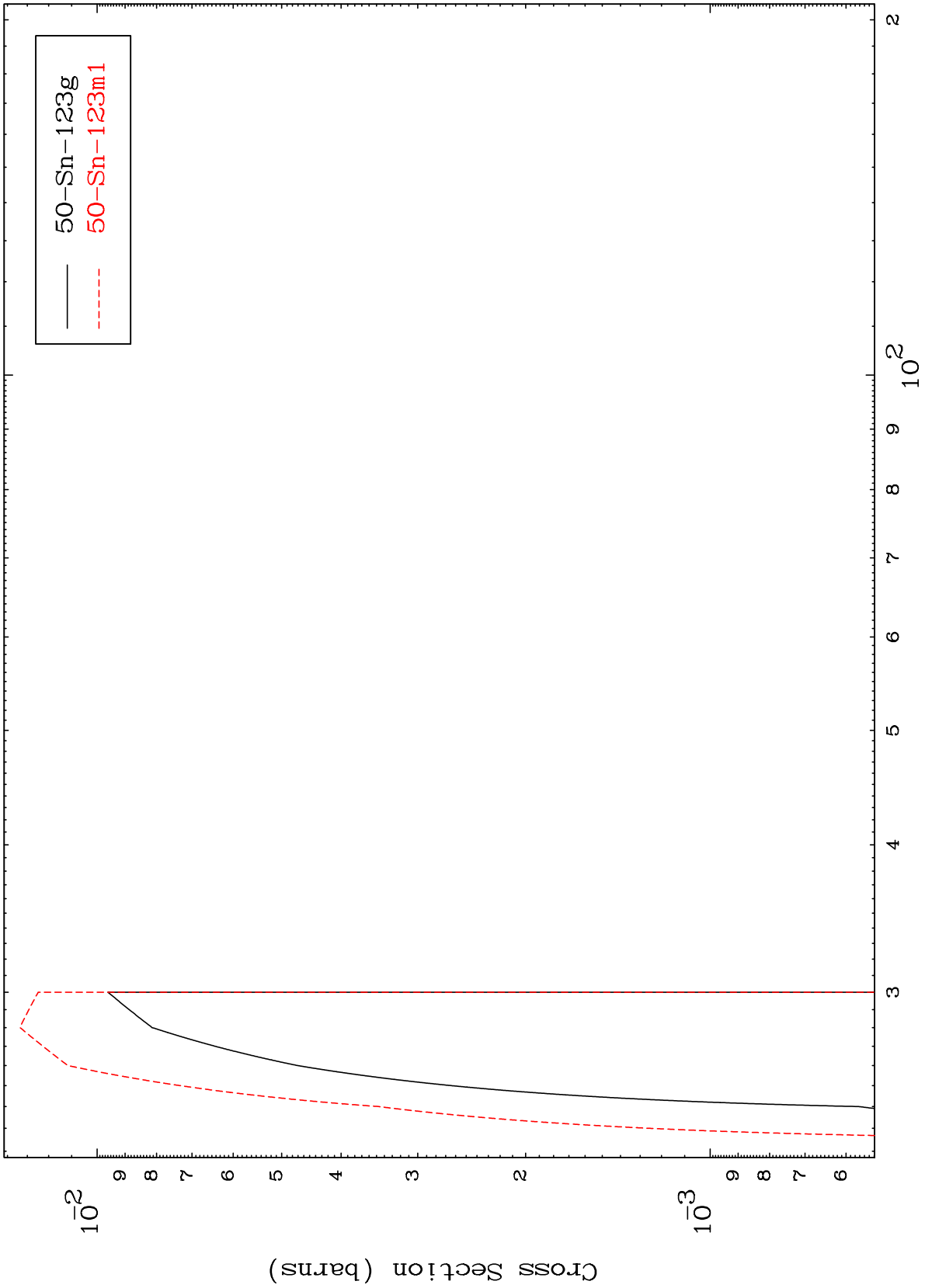
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,3n)  
Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

10

Incident Energy (MeV)

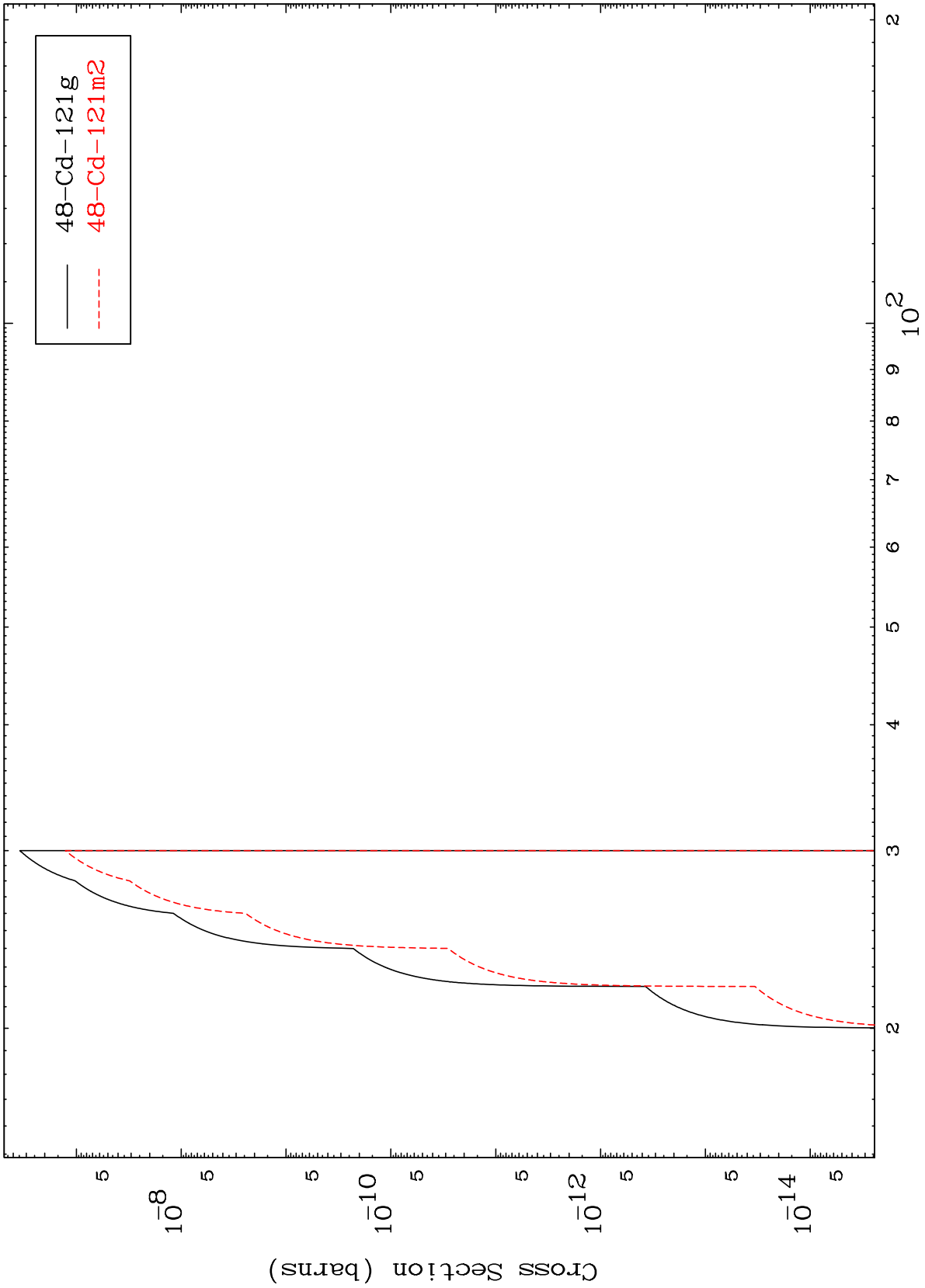
50-Sn-126

MAT 5067

(n,n')  $\alpha$

50-Sn-126

Radionuclide Production Cross Section



11

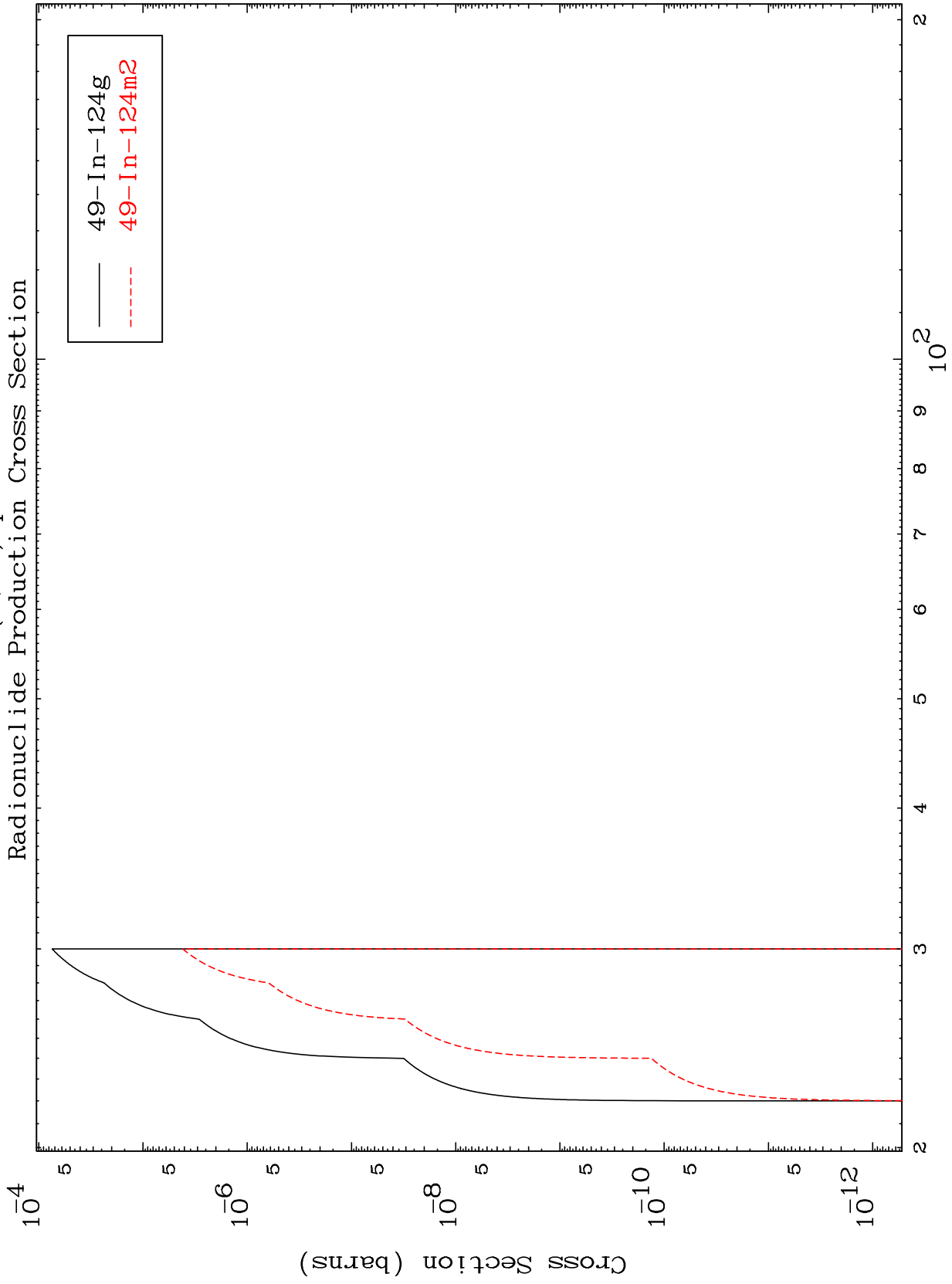
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,n') p

50-Sn-126



12

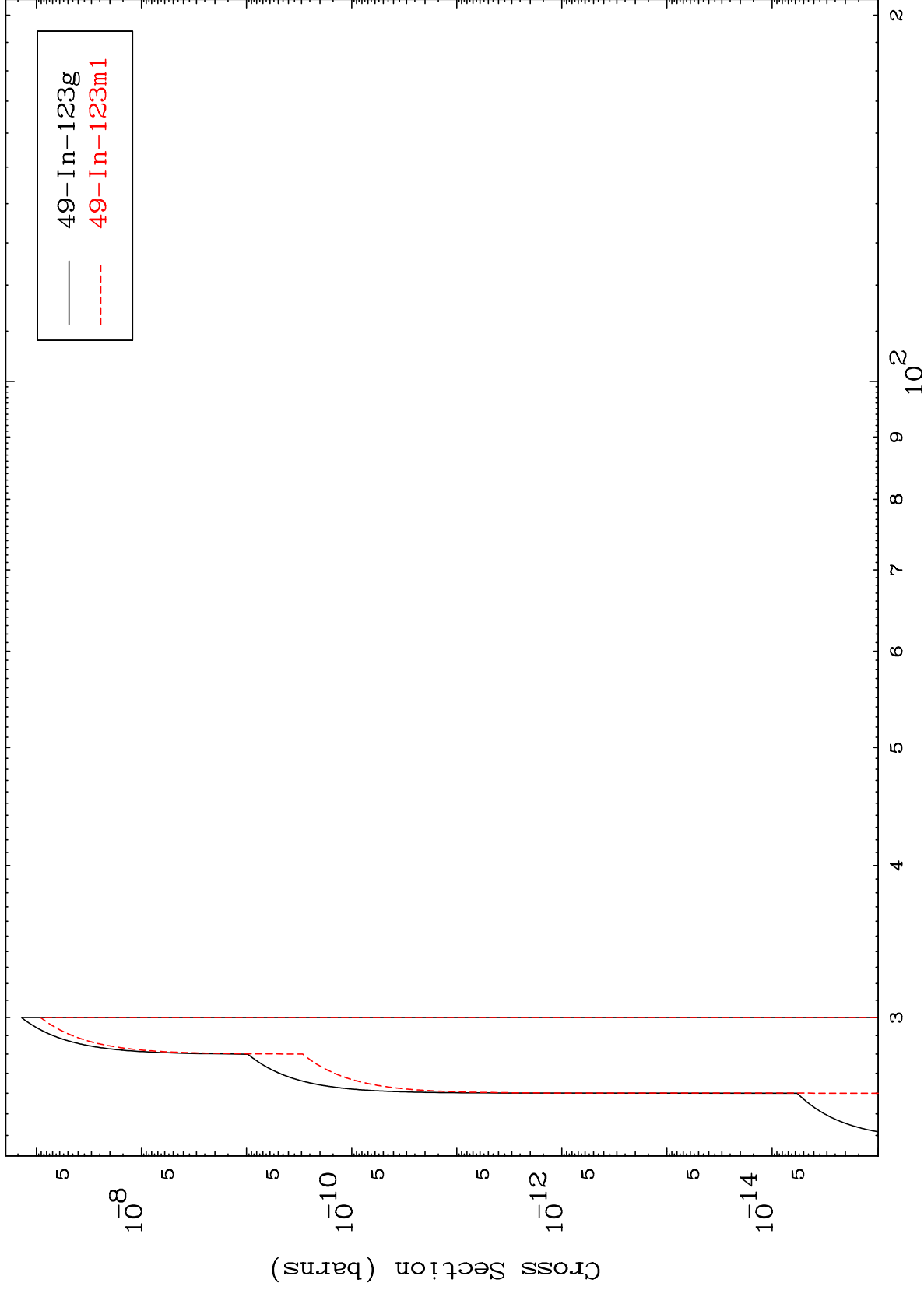
50-Sn-126

MAT 5067

(n,n') d

50-Sn-126

Radionuclide Production Cross Section



13

Incident Energy (MeV)

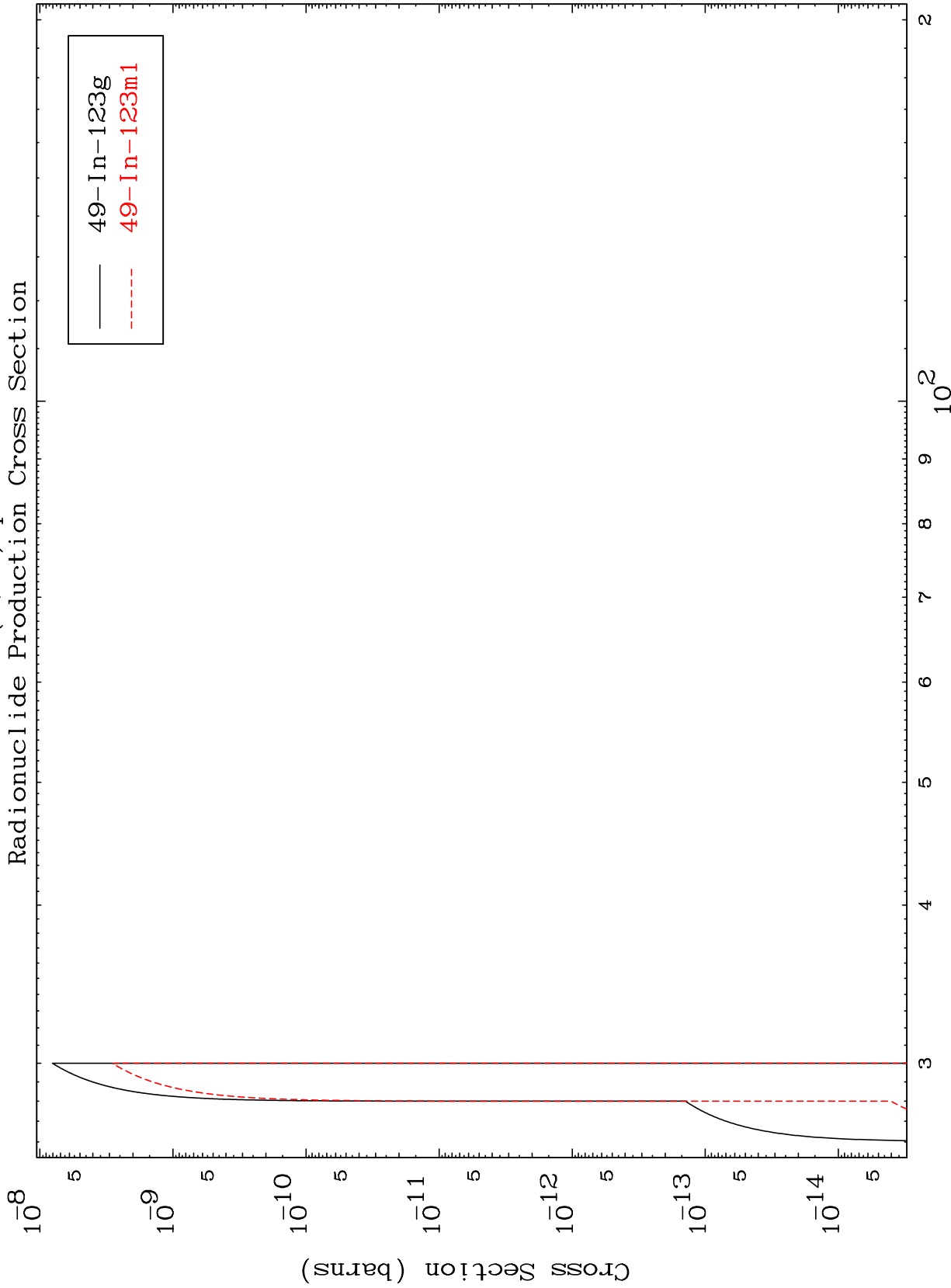
50-Sn-126

MAT 5067

(n,2n) p

50-Sn-126

Radionuclide Production Cross Section



49-In-123g  
49-In-123m1

14

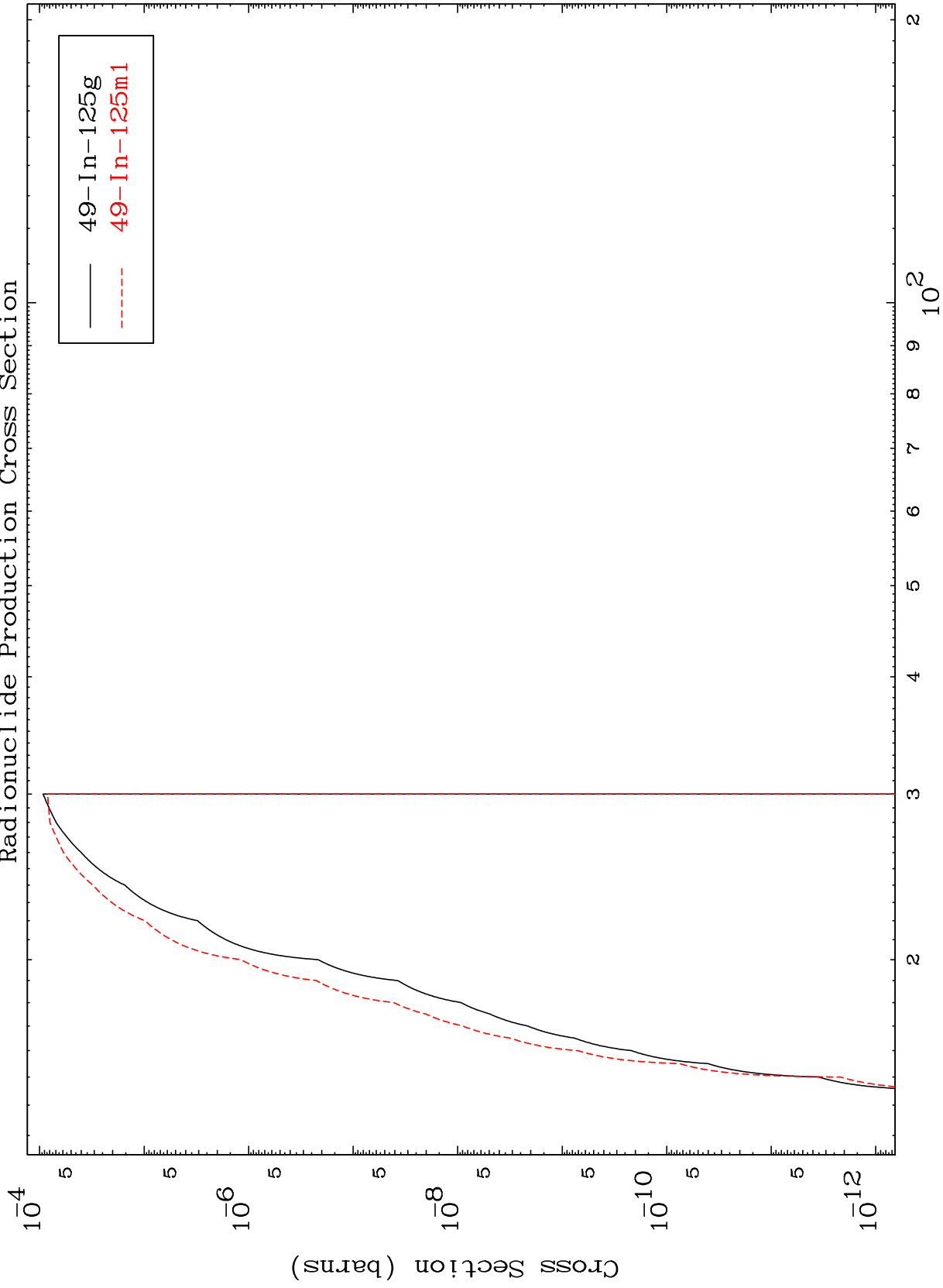
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,p)  
Radionuclide Production Cross Section



15

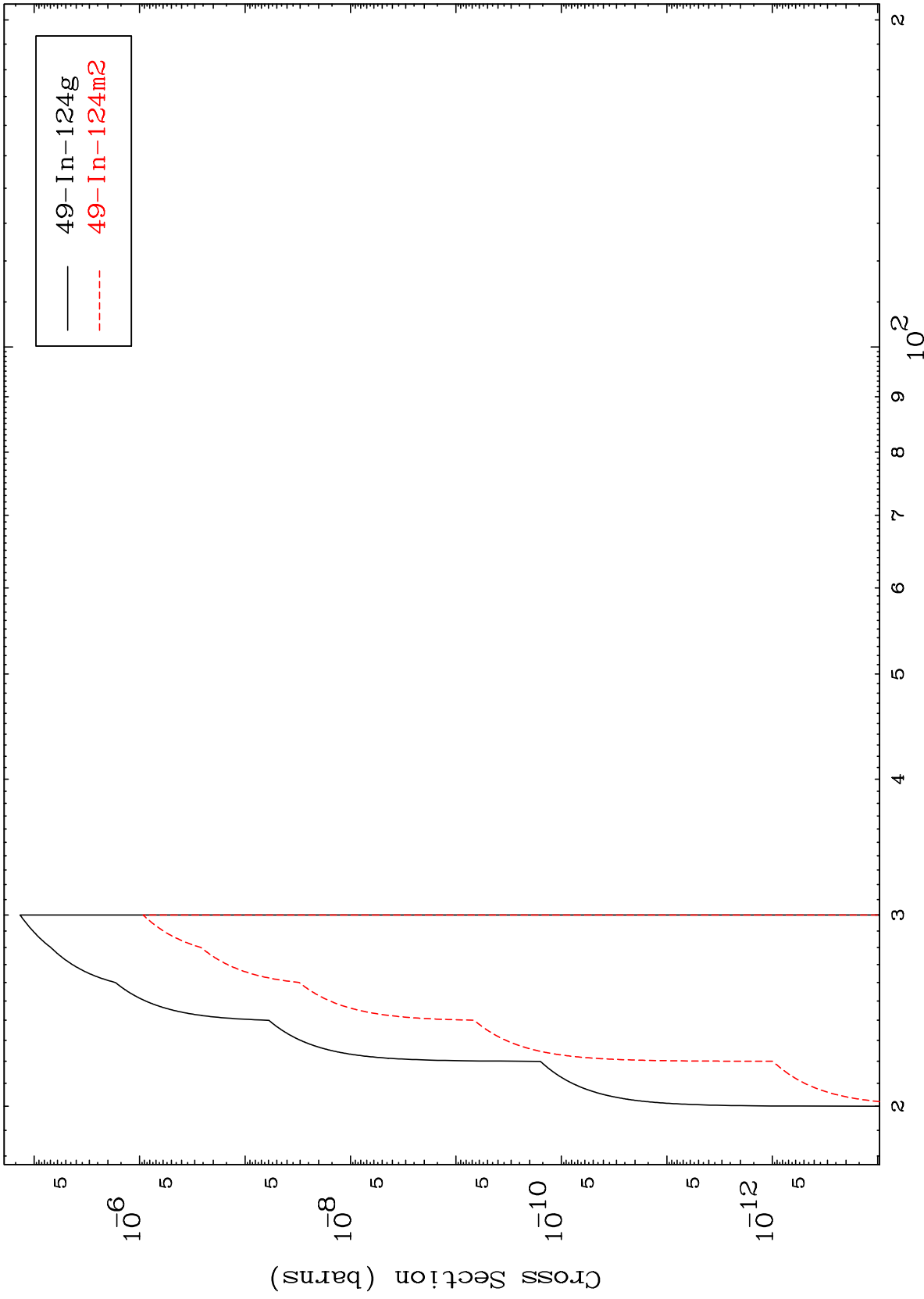
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,d)  
Radionuclide Production Cross Section



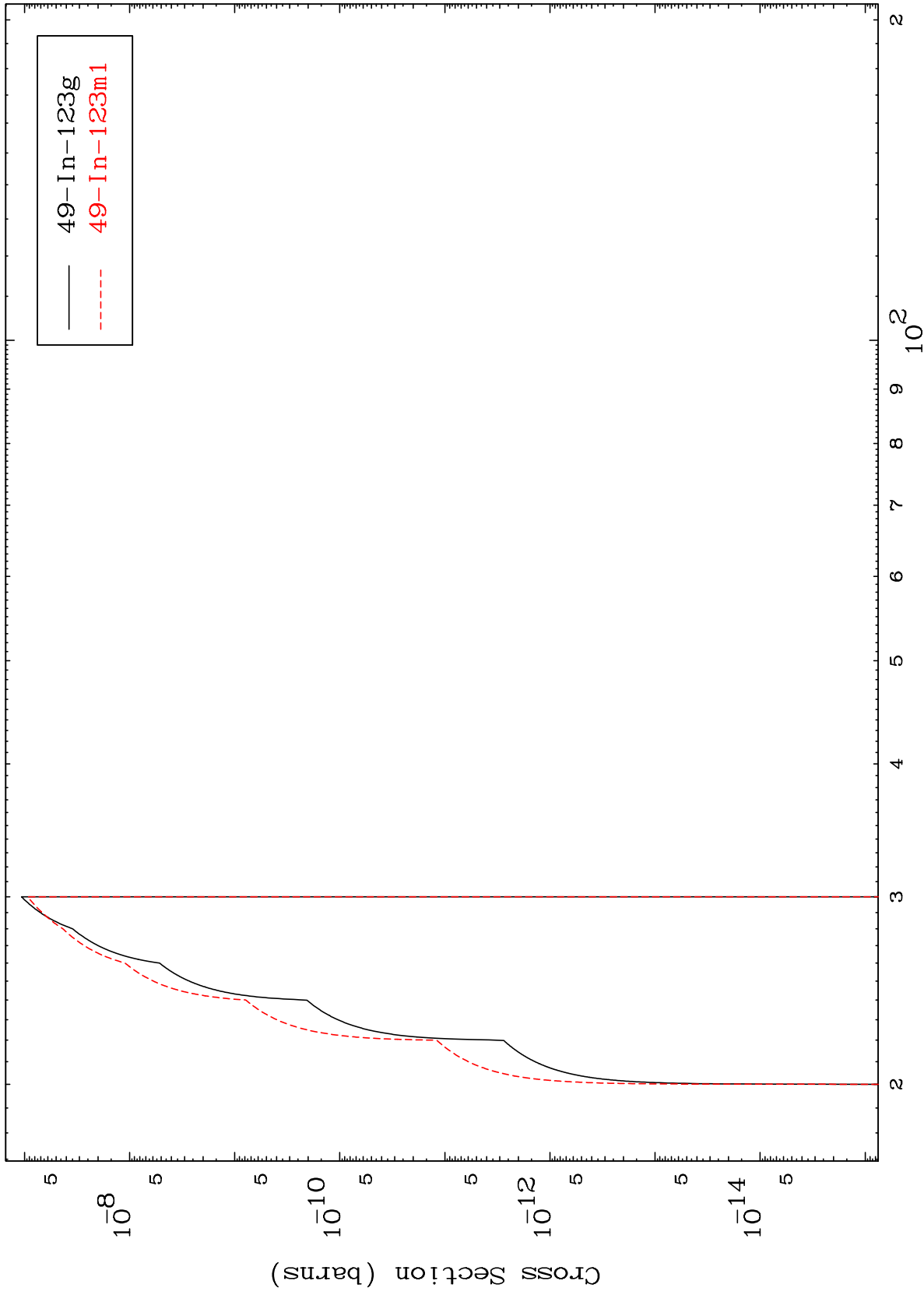
16

50-Sn-126

MAT 5067

50-Sn-126

(n, t)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

50-Sn-126