

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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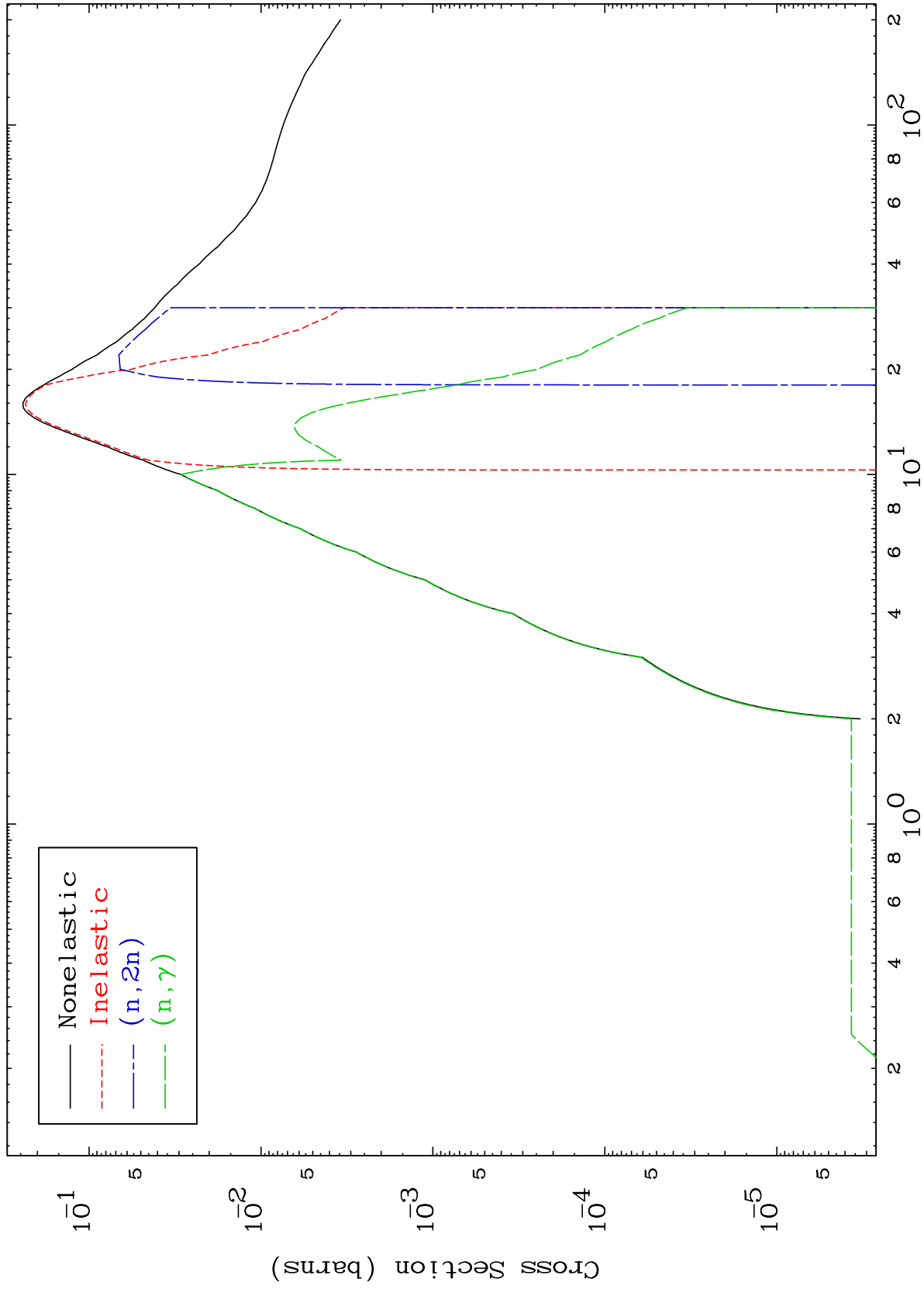
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5031

0 Kelvin Major  
Photon Cross Sections

50-Sn-114



1

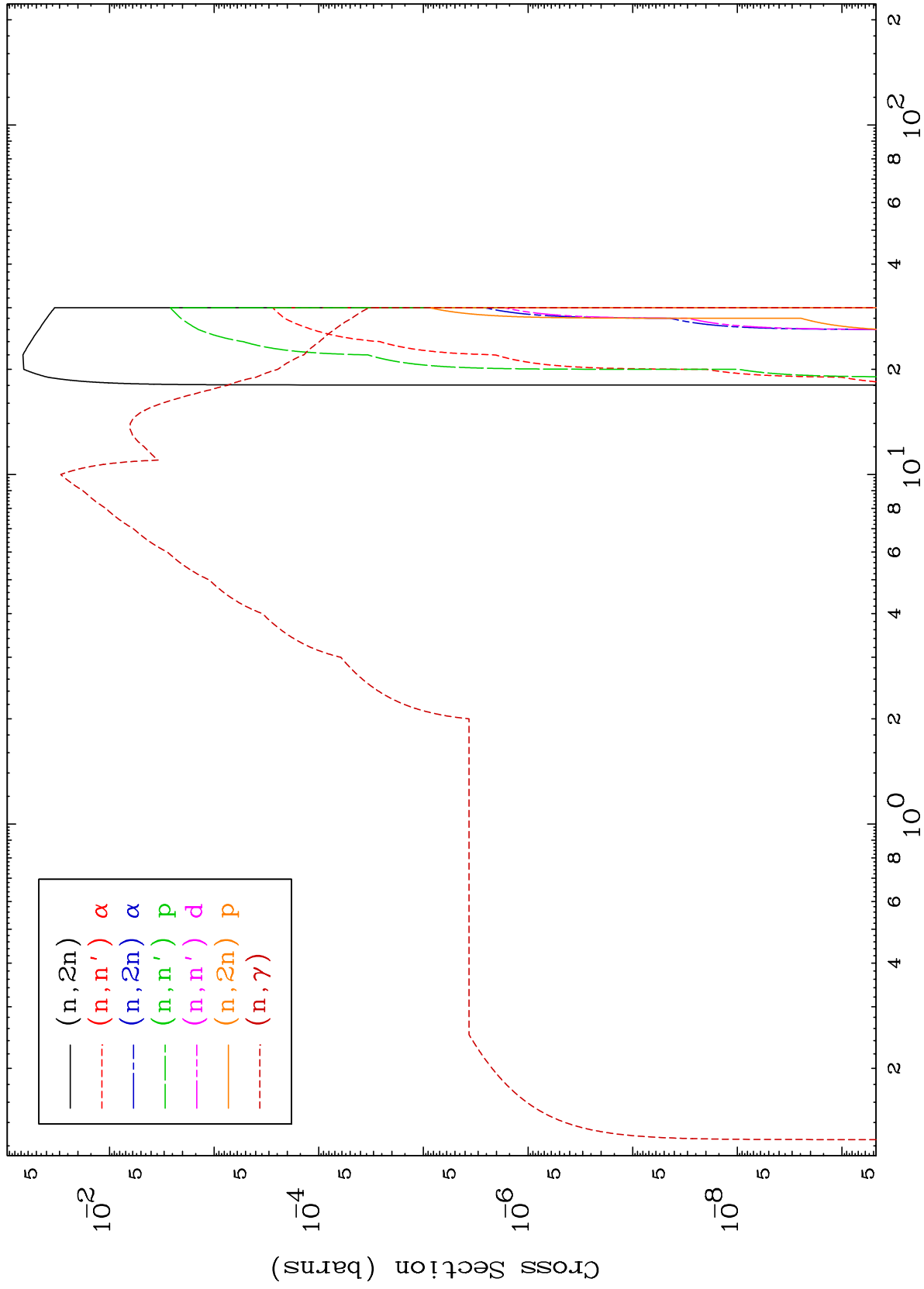
Incident Energy (MeV)

50-Sn-114

MAT 5031

Photon Neutron Absorption  
0 Kelvin Cross Sections

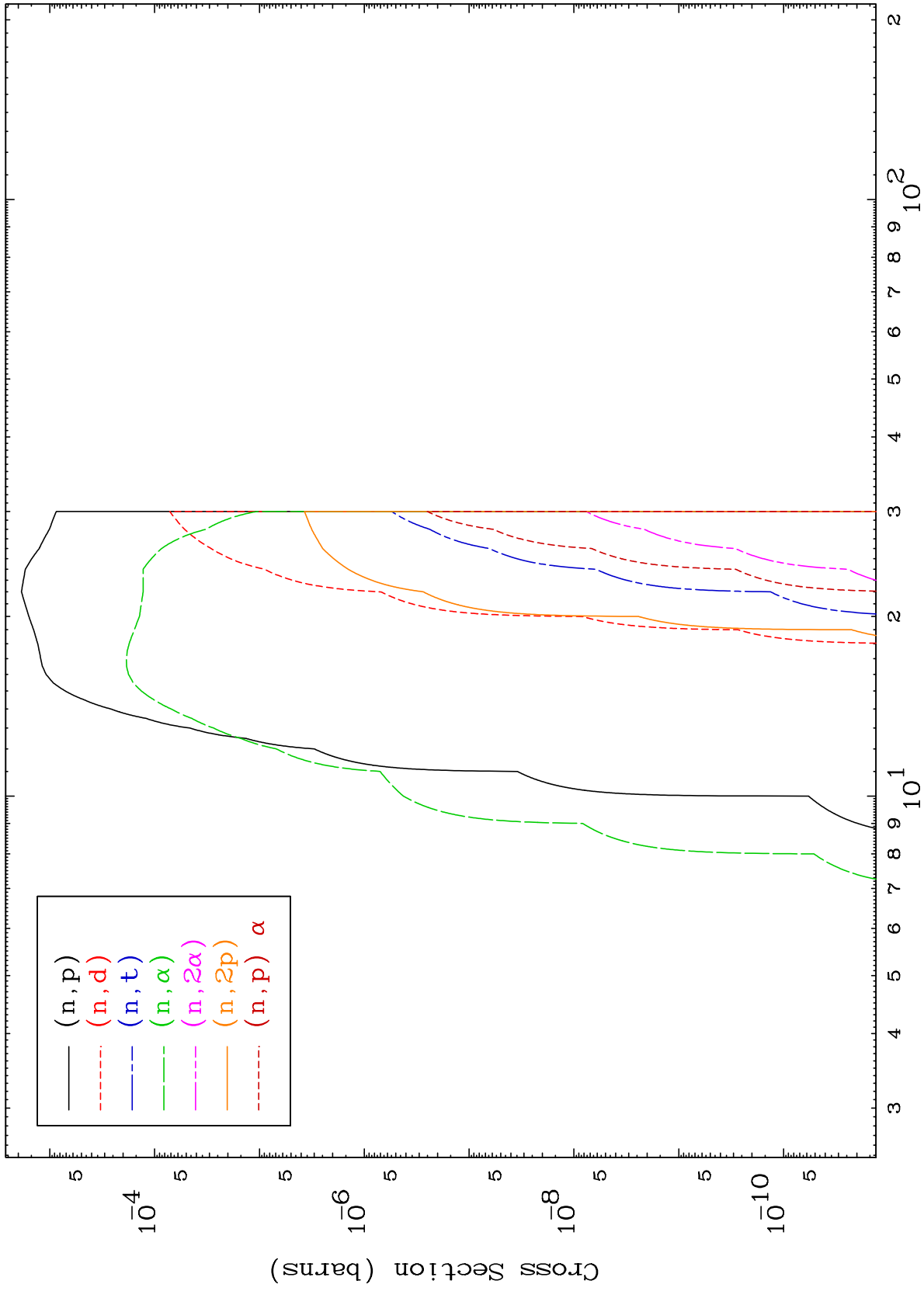
50-Sn-114



2

Incident Energy (MeV)

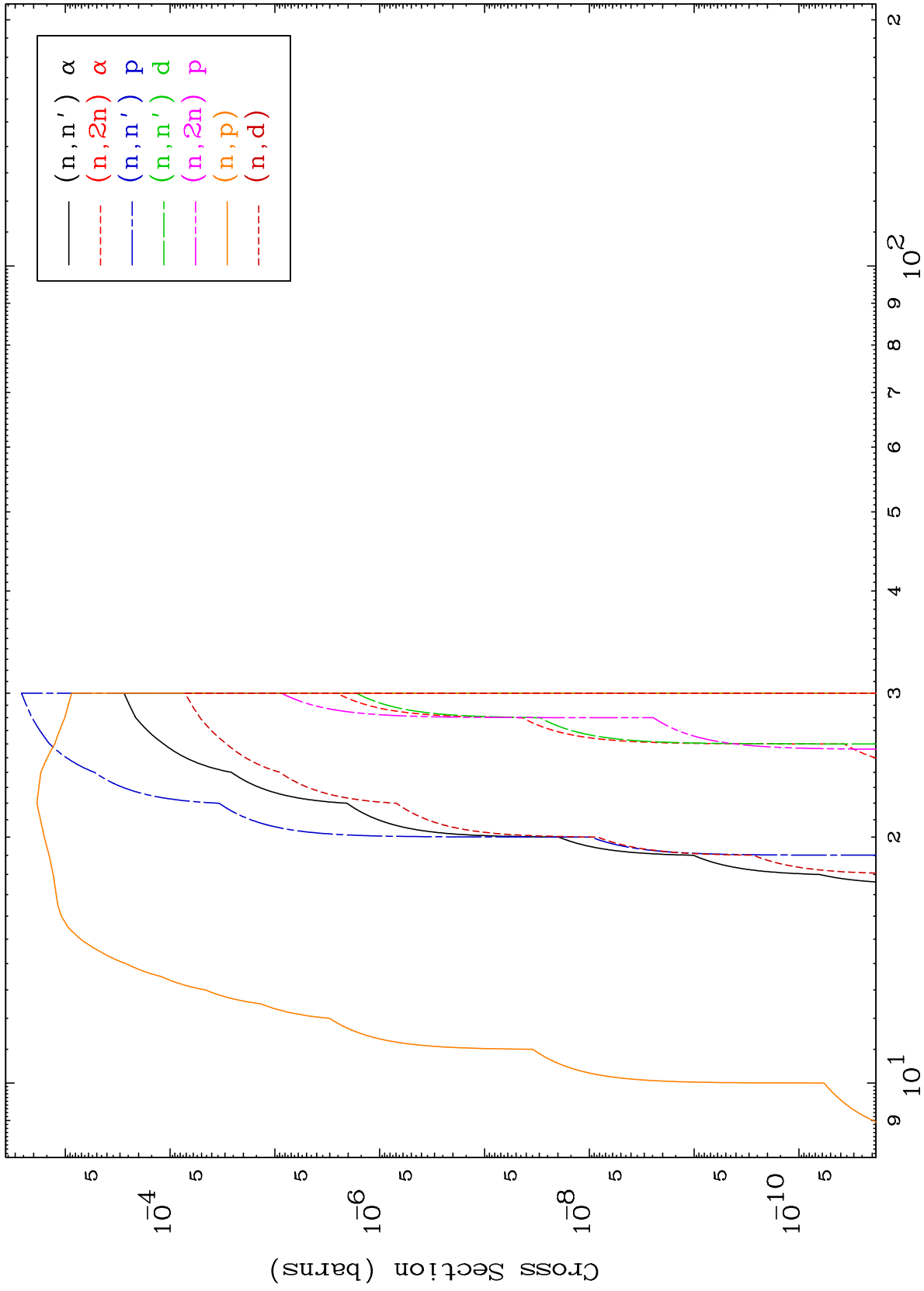
50-Sn-114



MAT 5031

Photon Charged Particle  
0 Kelvin Cross Sections

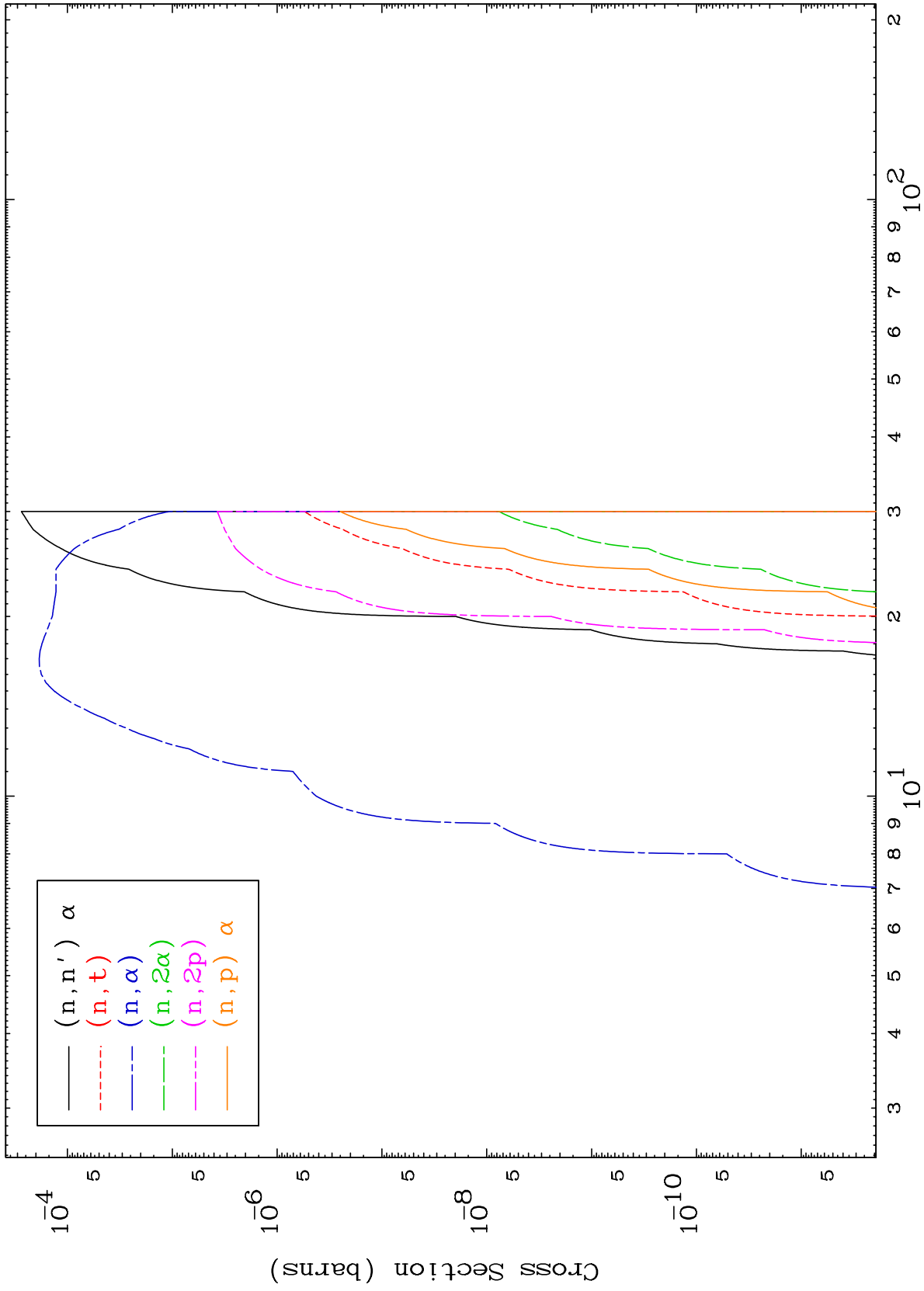
50-Sn-114



4

Incident Energy (MeV)

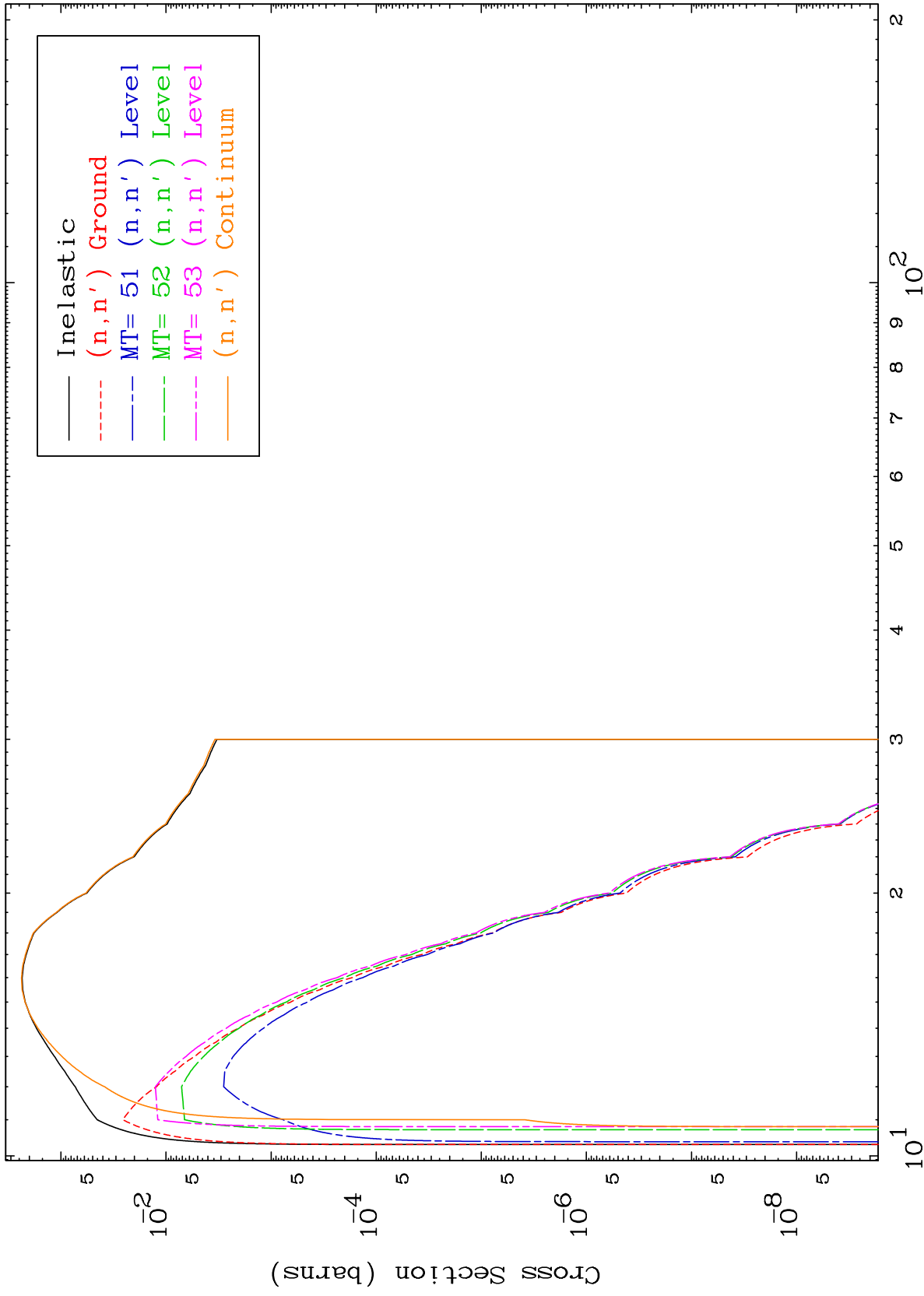
50-Sn-114



MAT 5031

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

50-Sn-114



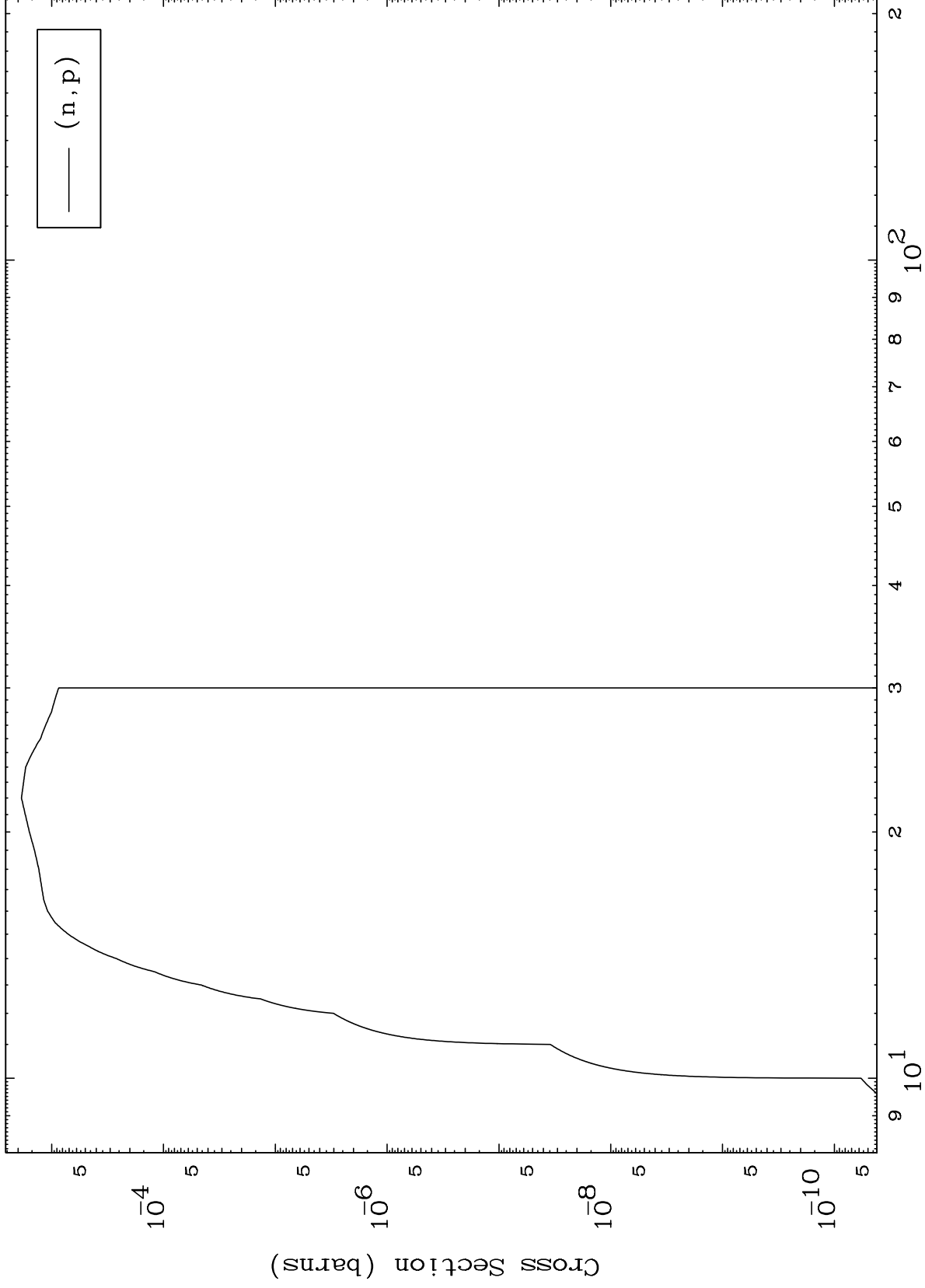
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



7

Incident Energy (MeV)

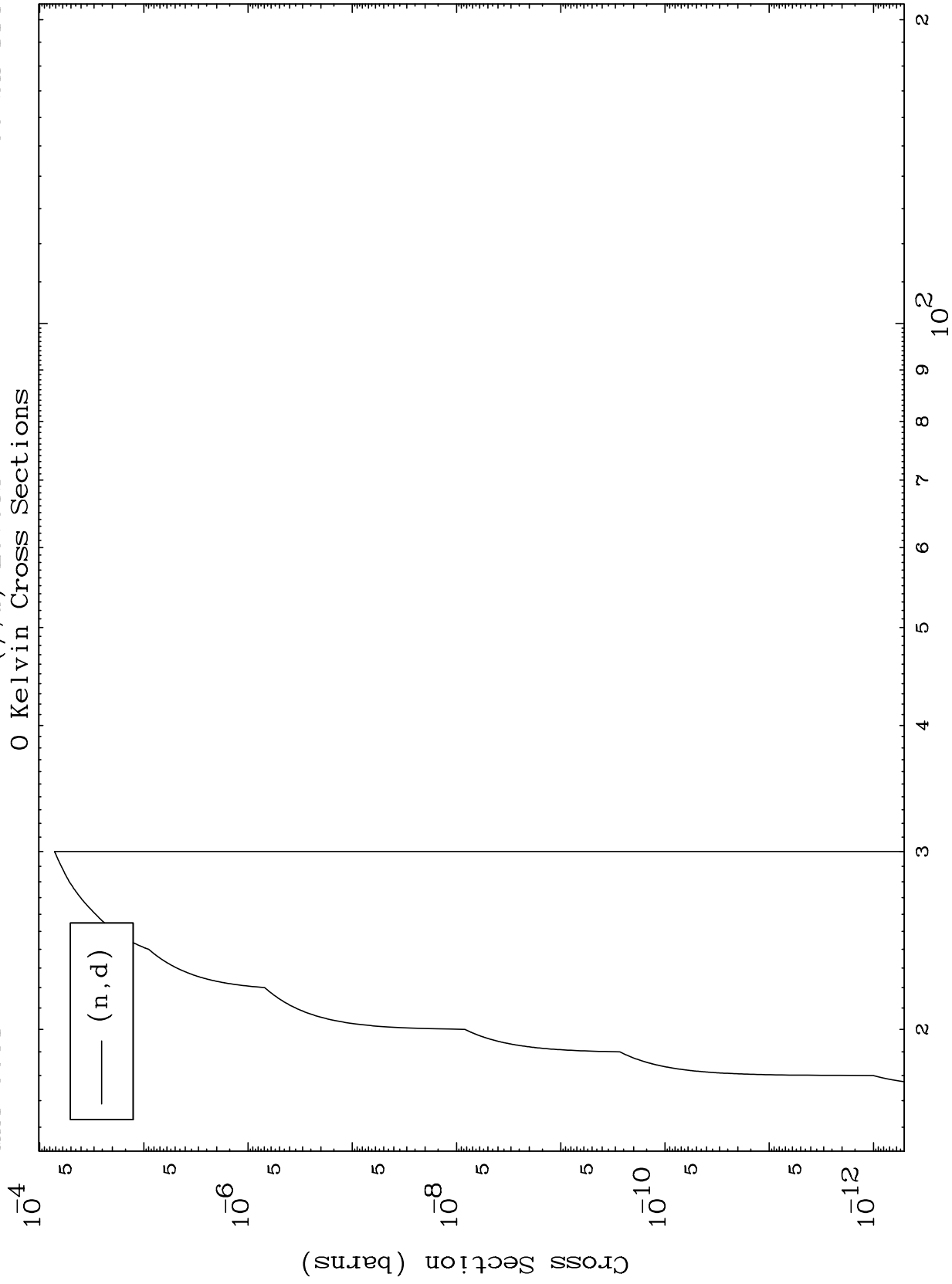
50-Sn-114



MAT 5031

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

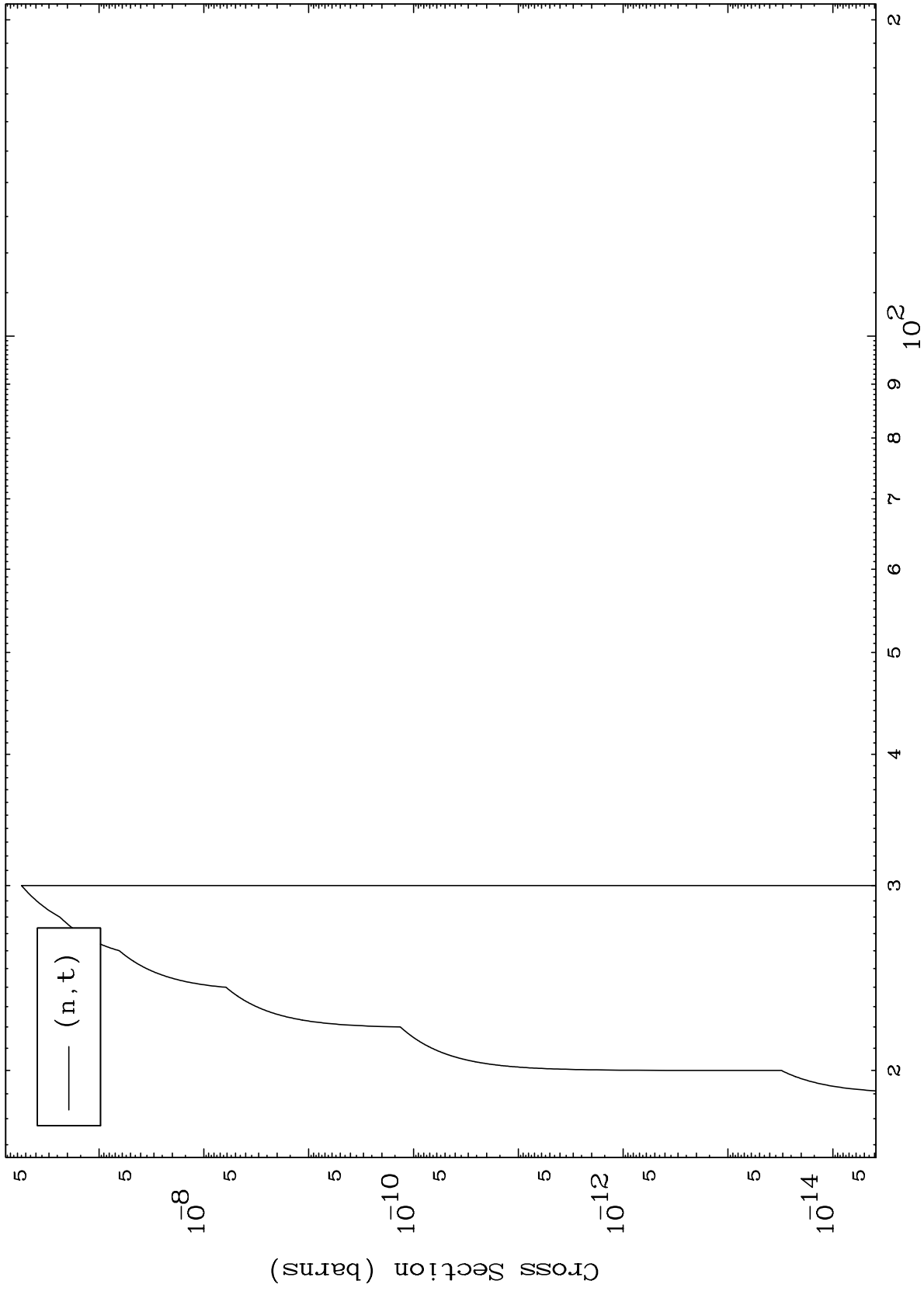
50-Sn-114



MAT 5031

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

50-Sn-114



9

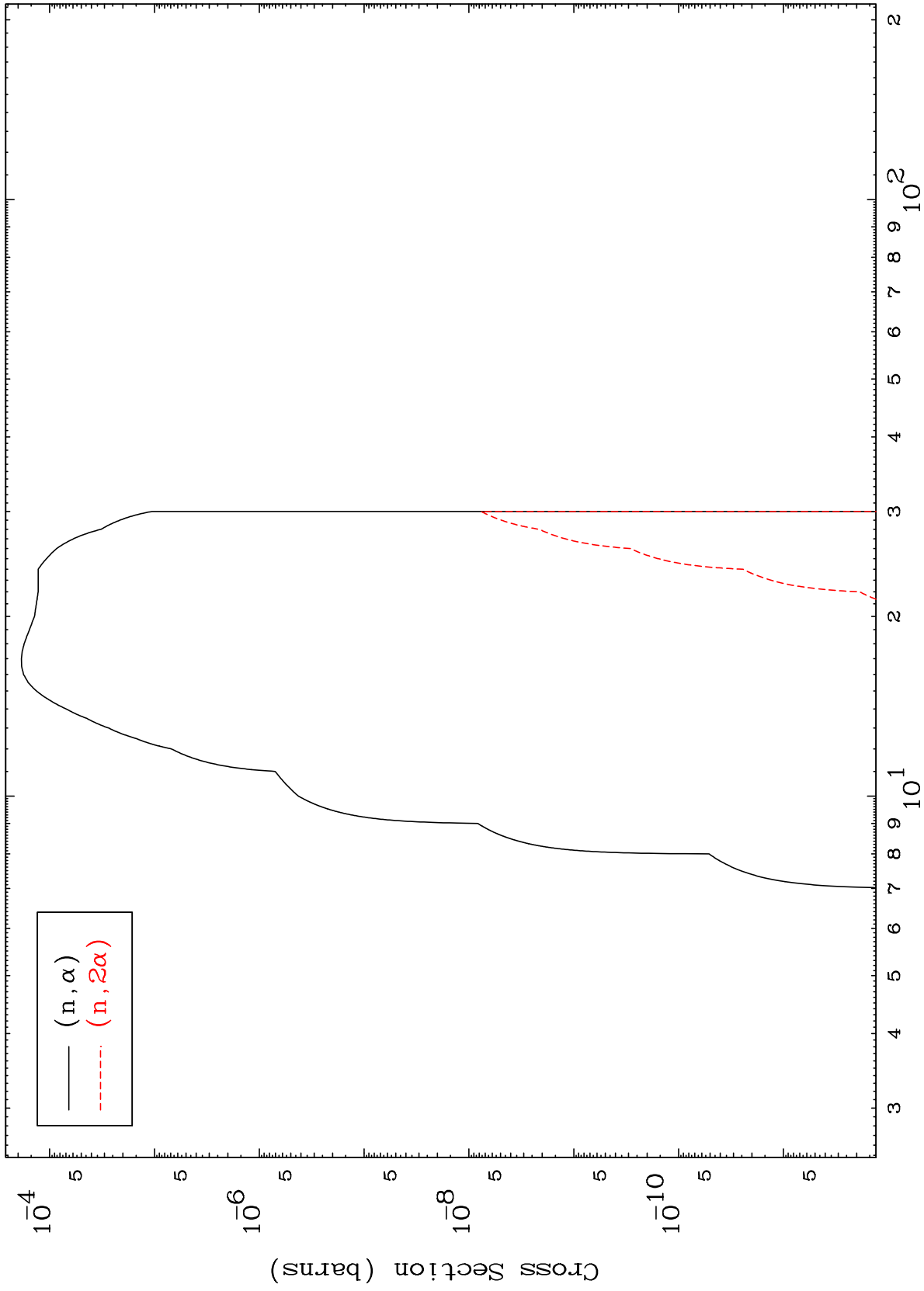
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



10

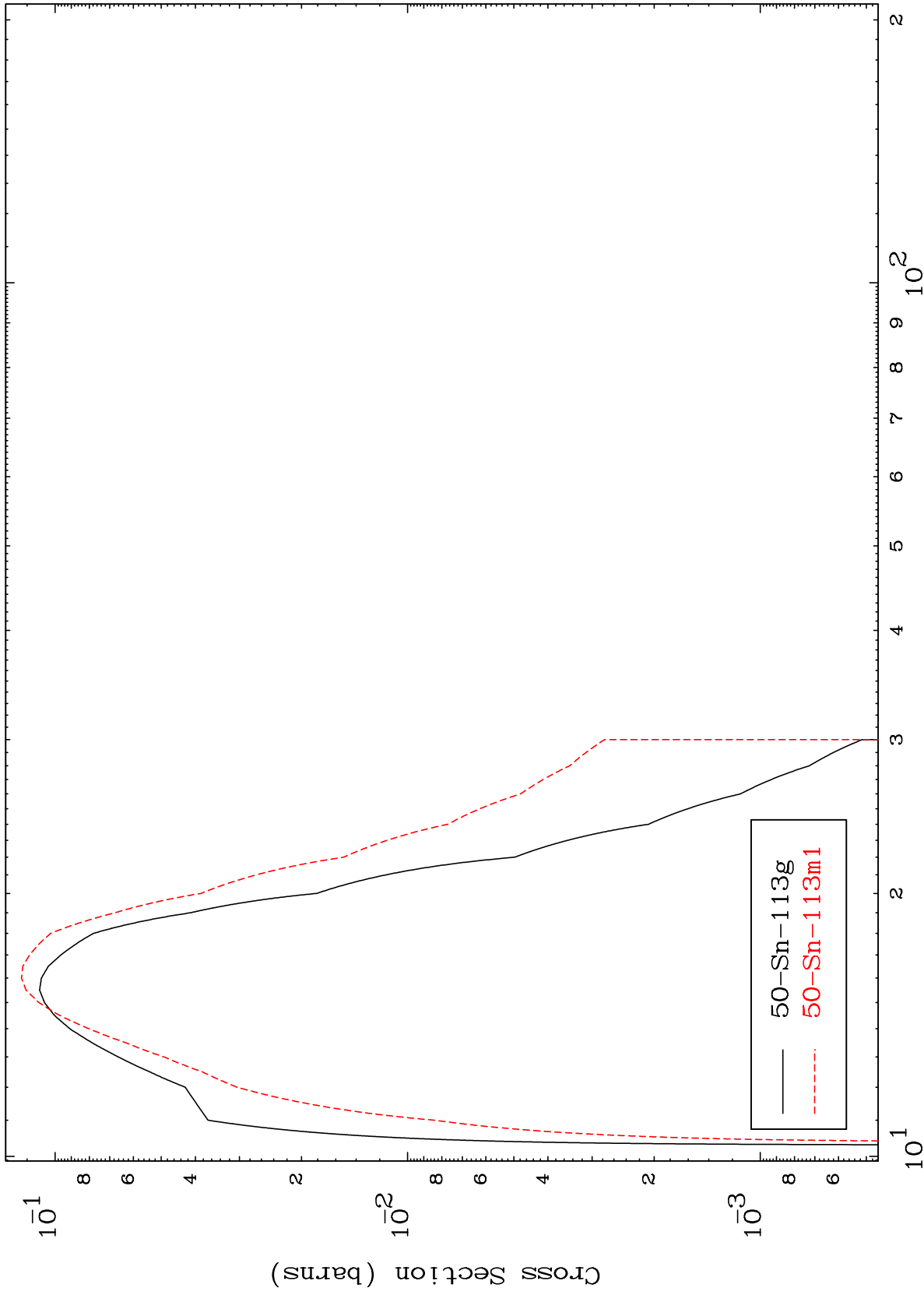
Incident Energy (MeV)

50-Sn-114

MAT 5031

Inelastic  
Radionuclide Production Cross Section

50-Sn-114



11

Incident Energy (MeV)

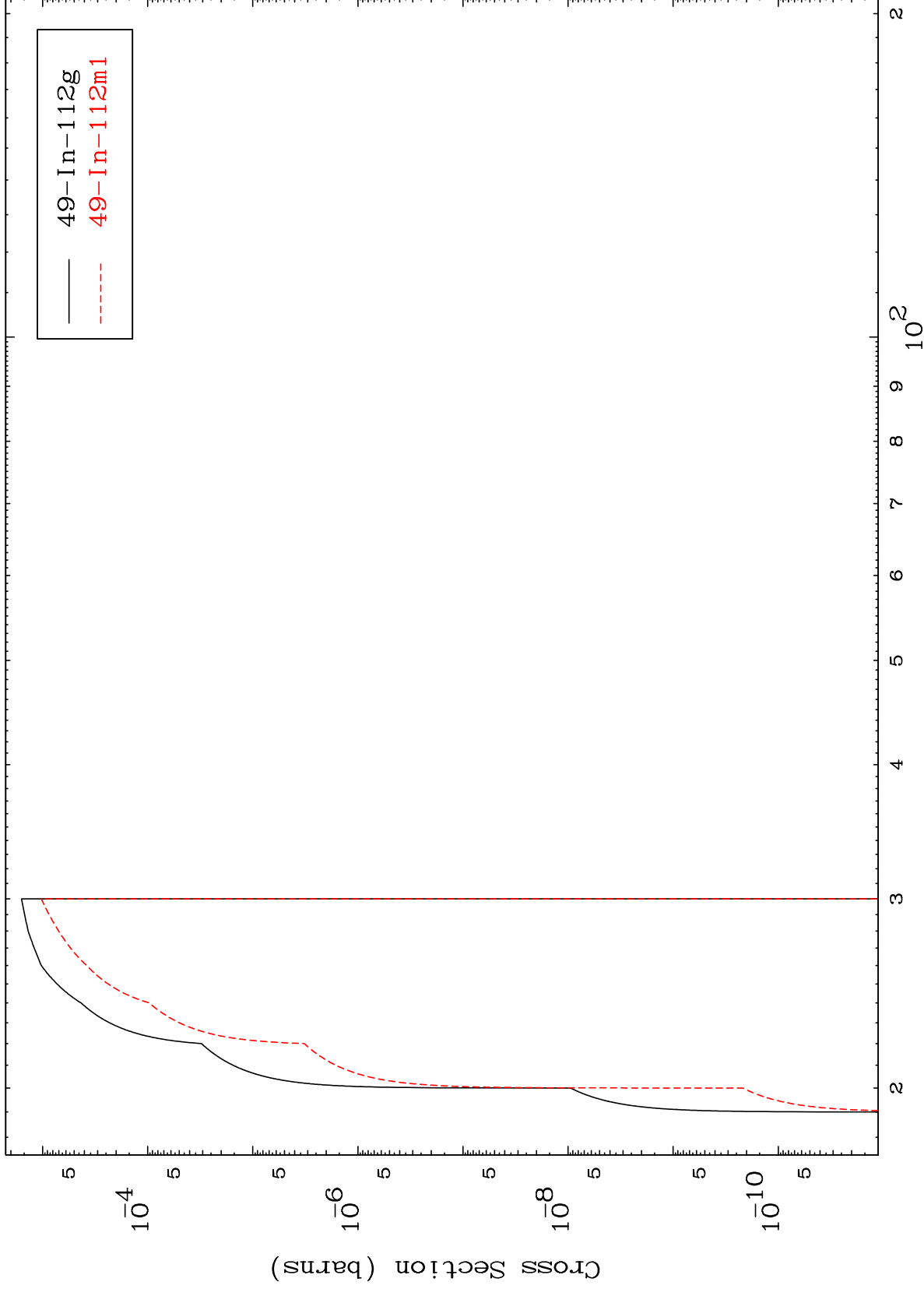
50-Sn-114

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



12

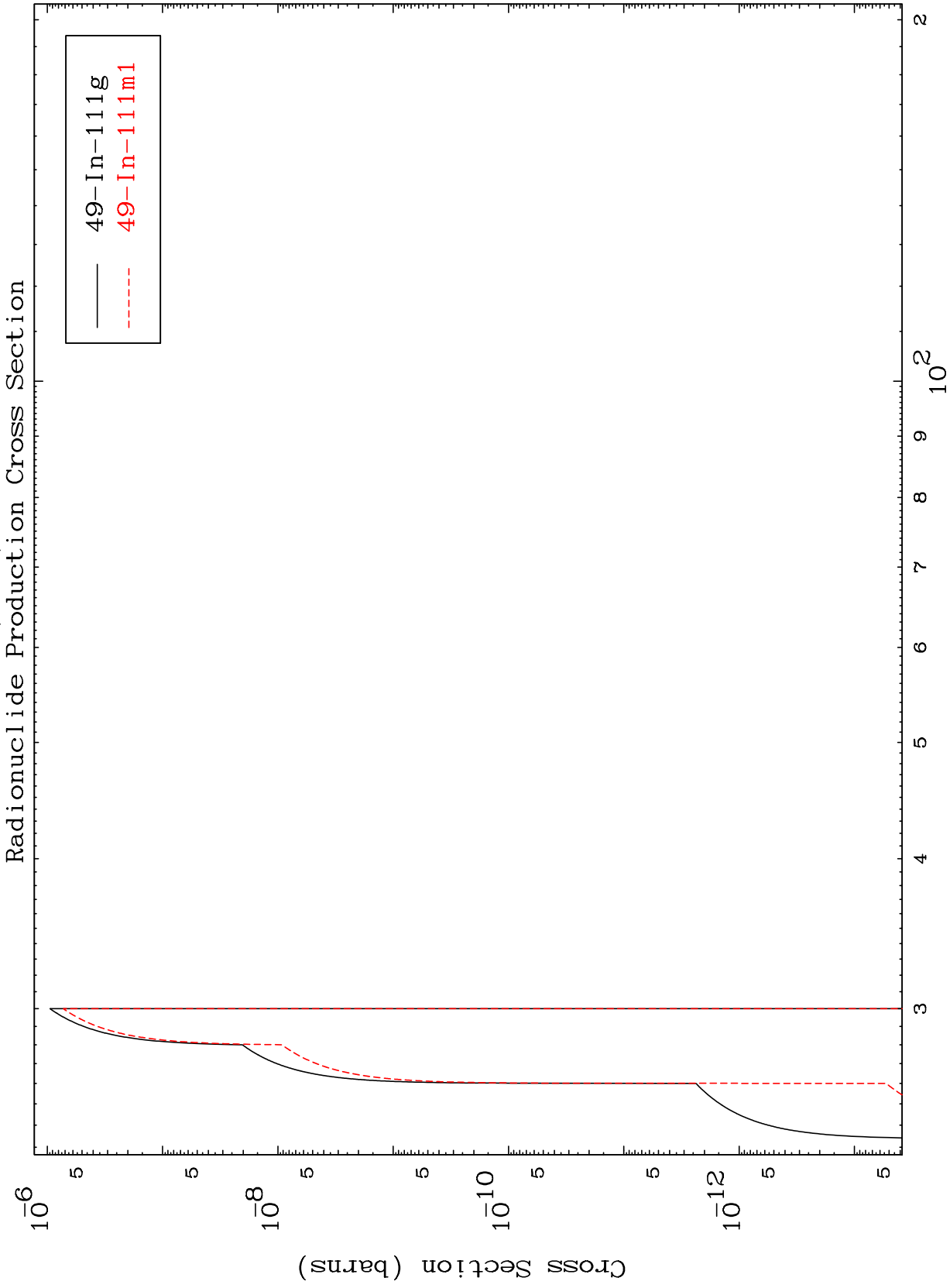
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,n') d

50-Sn-114



13

Incident Energy (MeV)

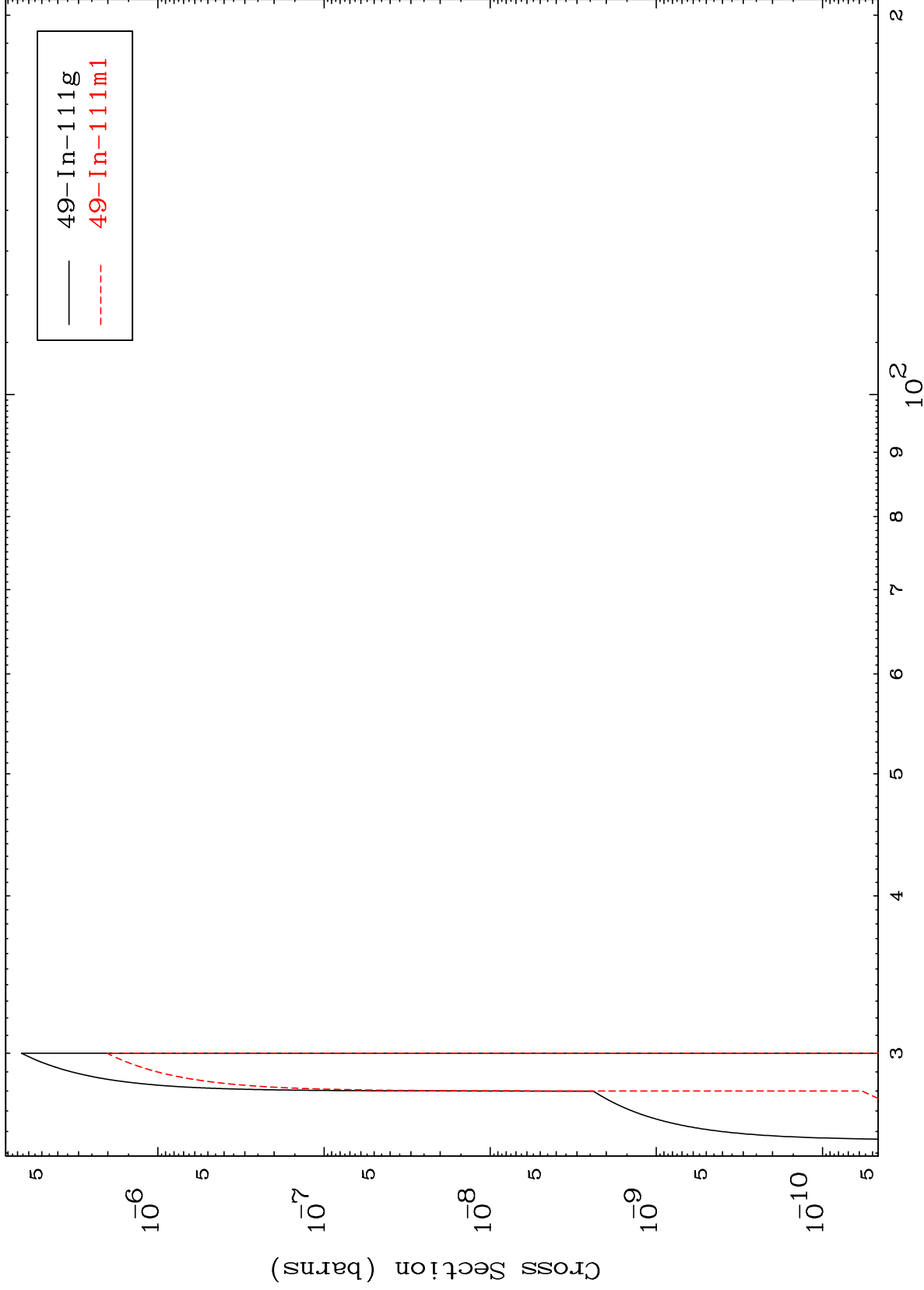
50-Sn-114

MAT 5031

(n,2n) p

50-Sn-114

Radionuclide Production Cross Section



14

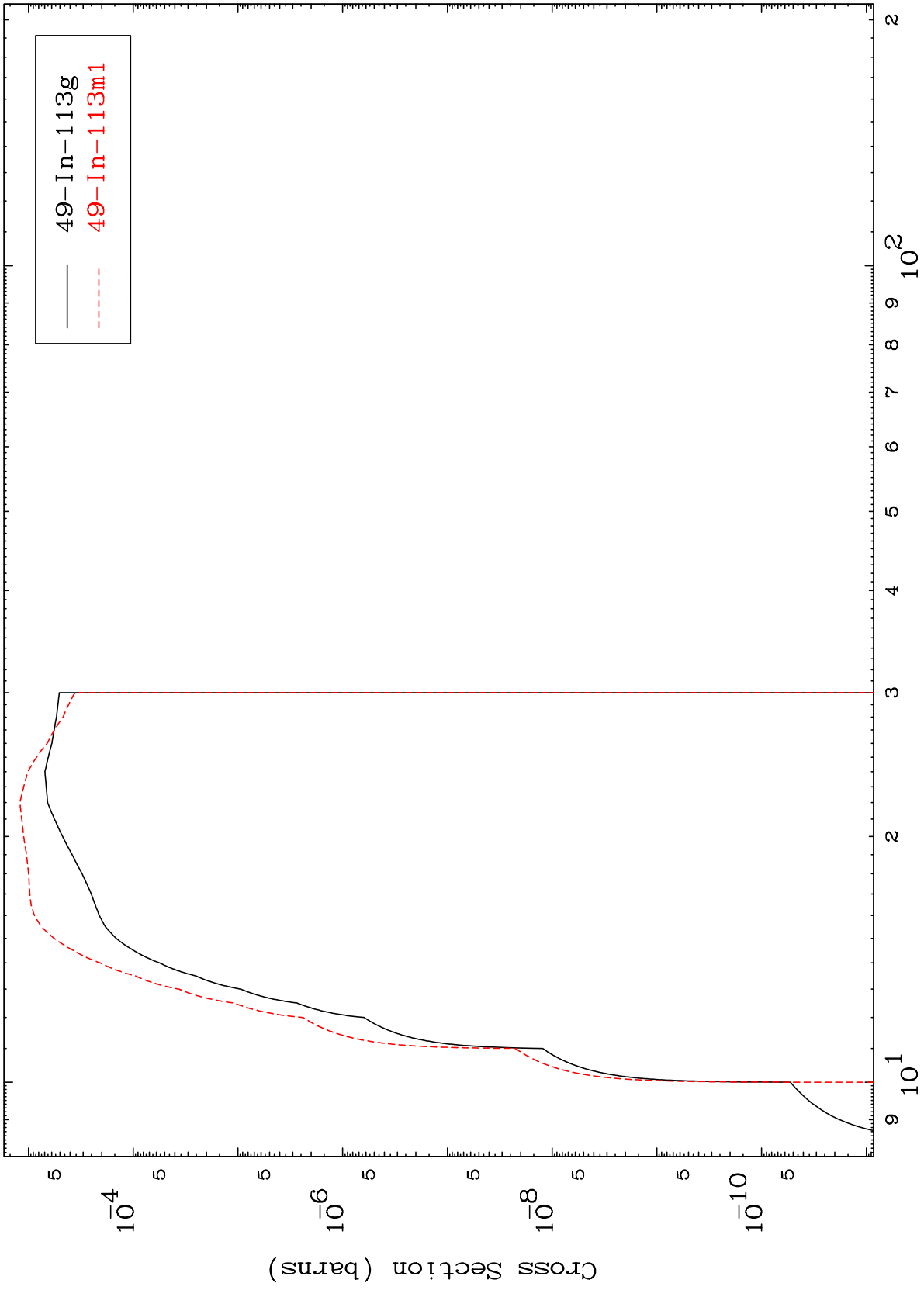
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

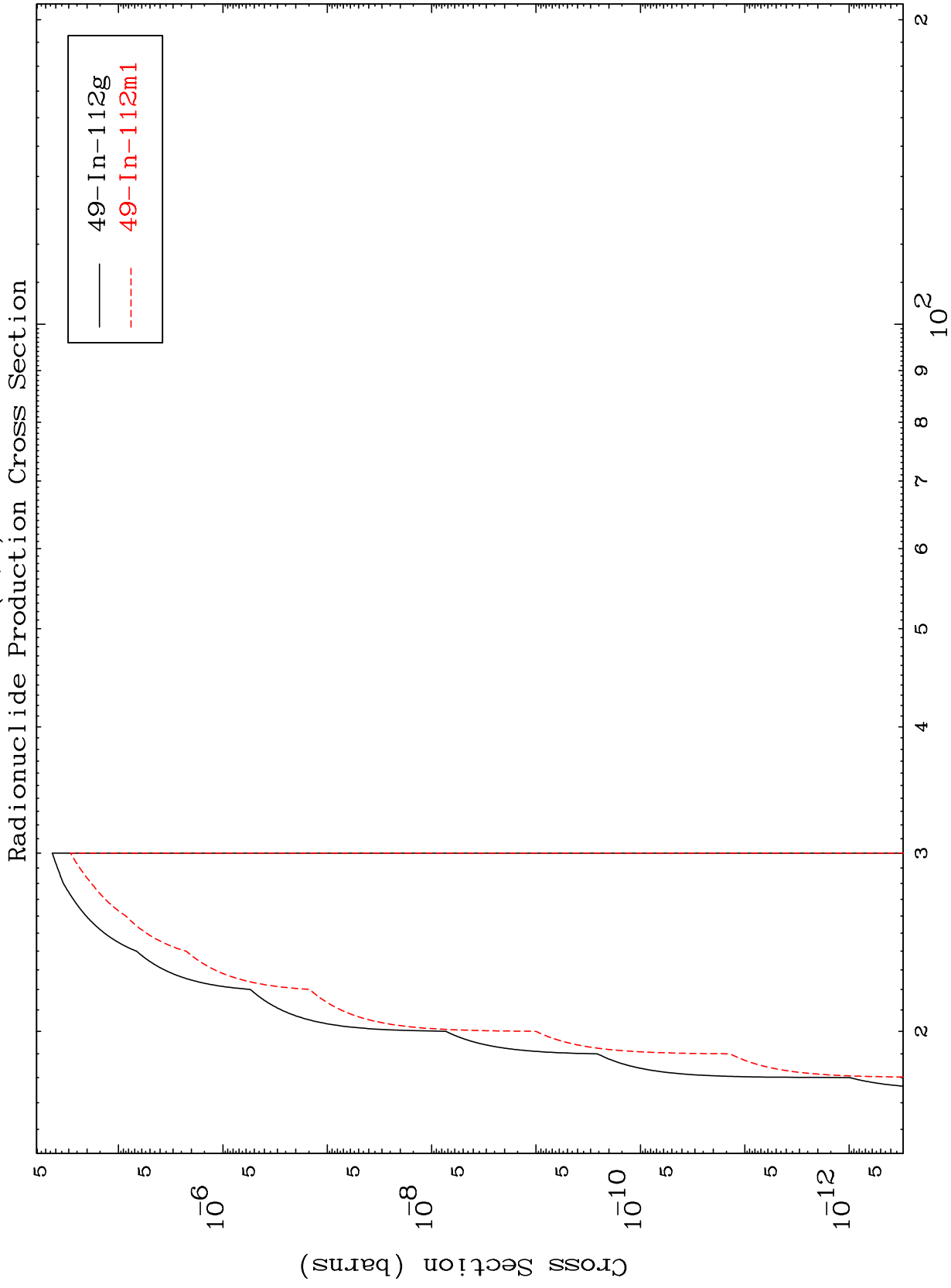
50-Sn-114



MAT 5031

(n,d)

50-Sn-114



16

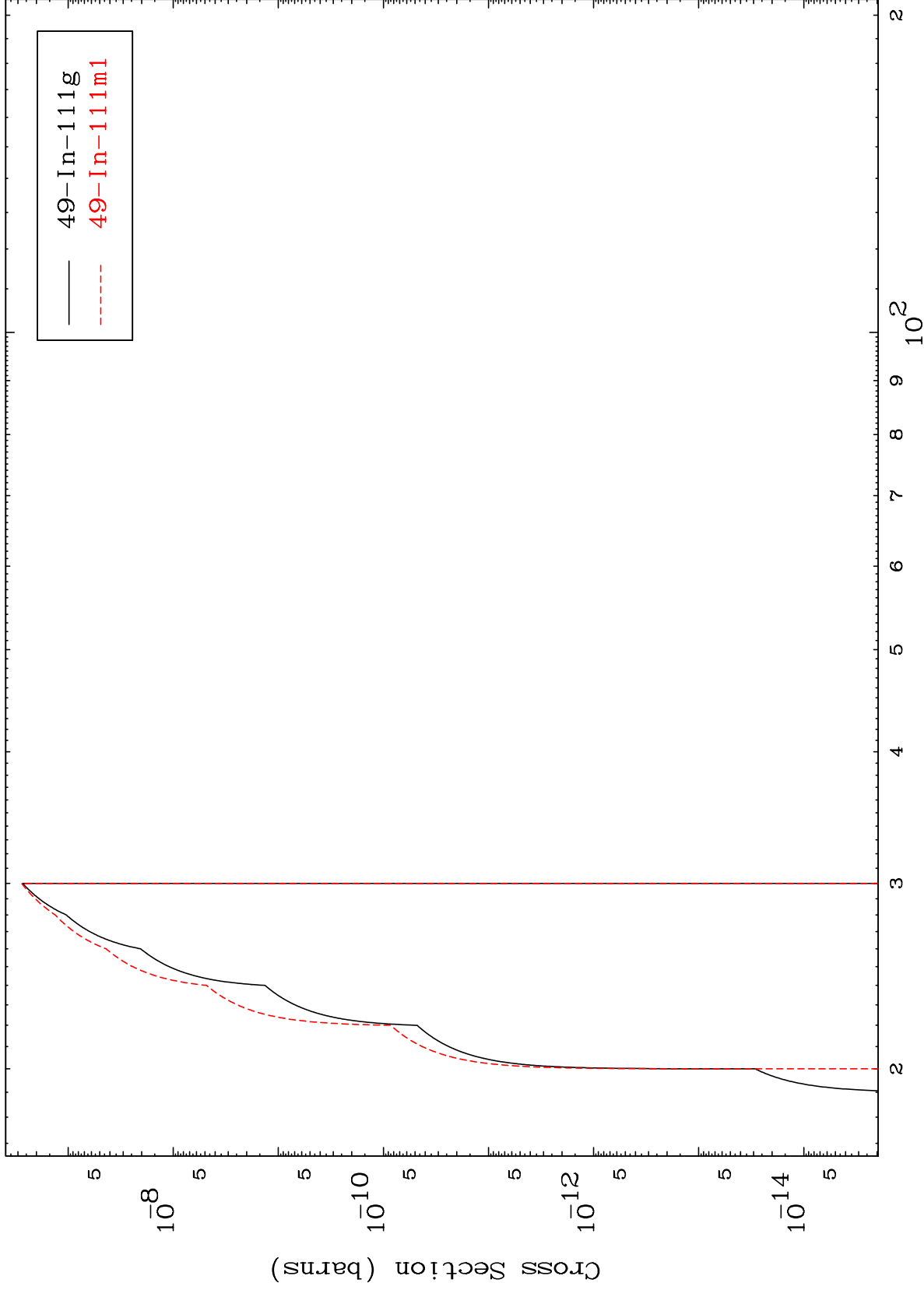
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n, t)  
Radionuclide Production Cross Section



17

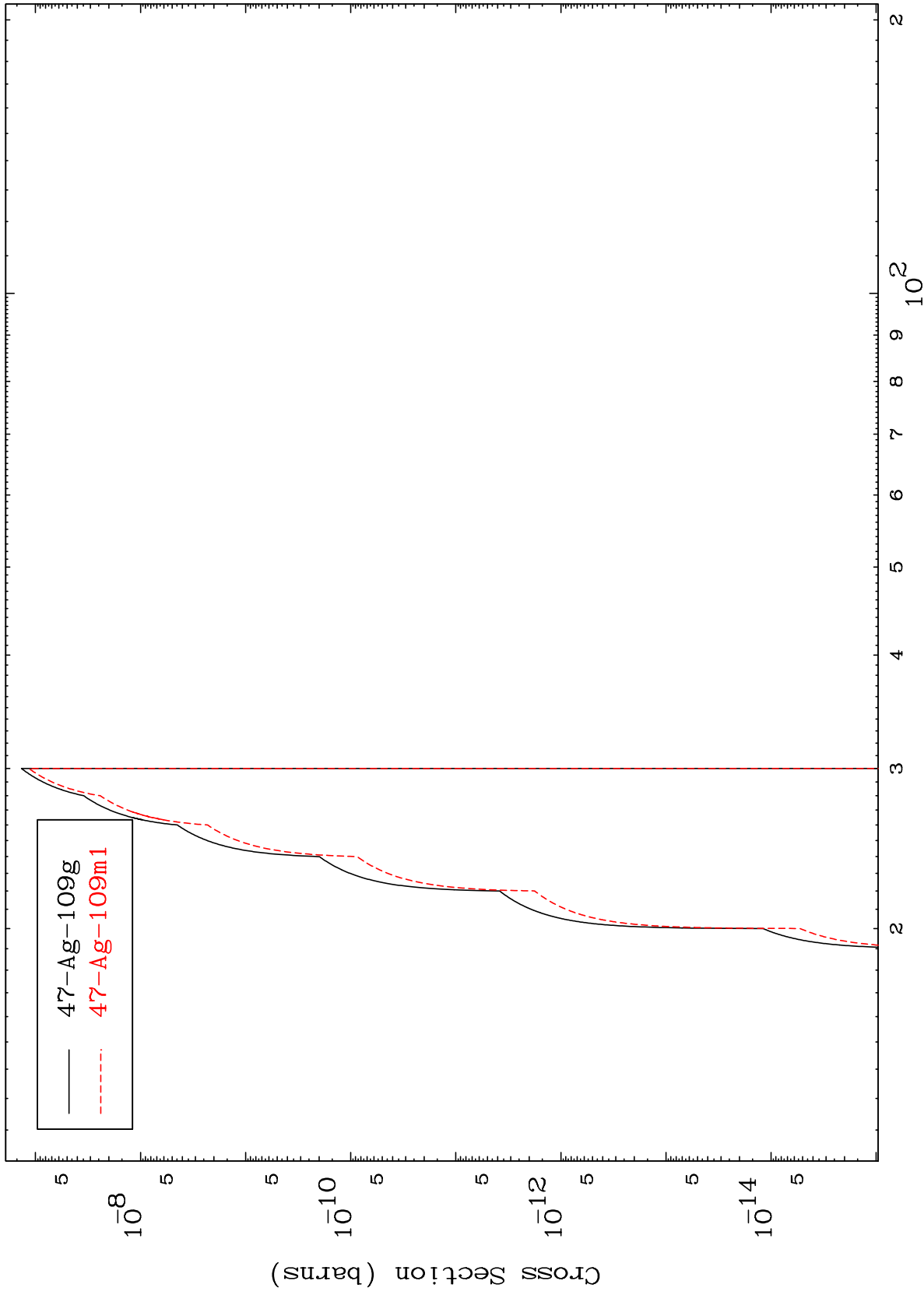
50-Sn-114

MAT 5031

(n,p)  $\alpha$

50-Sn-114

Radionuclide Production Cross Section



18

50-Sn-114