

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

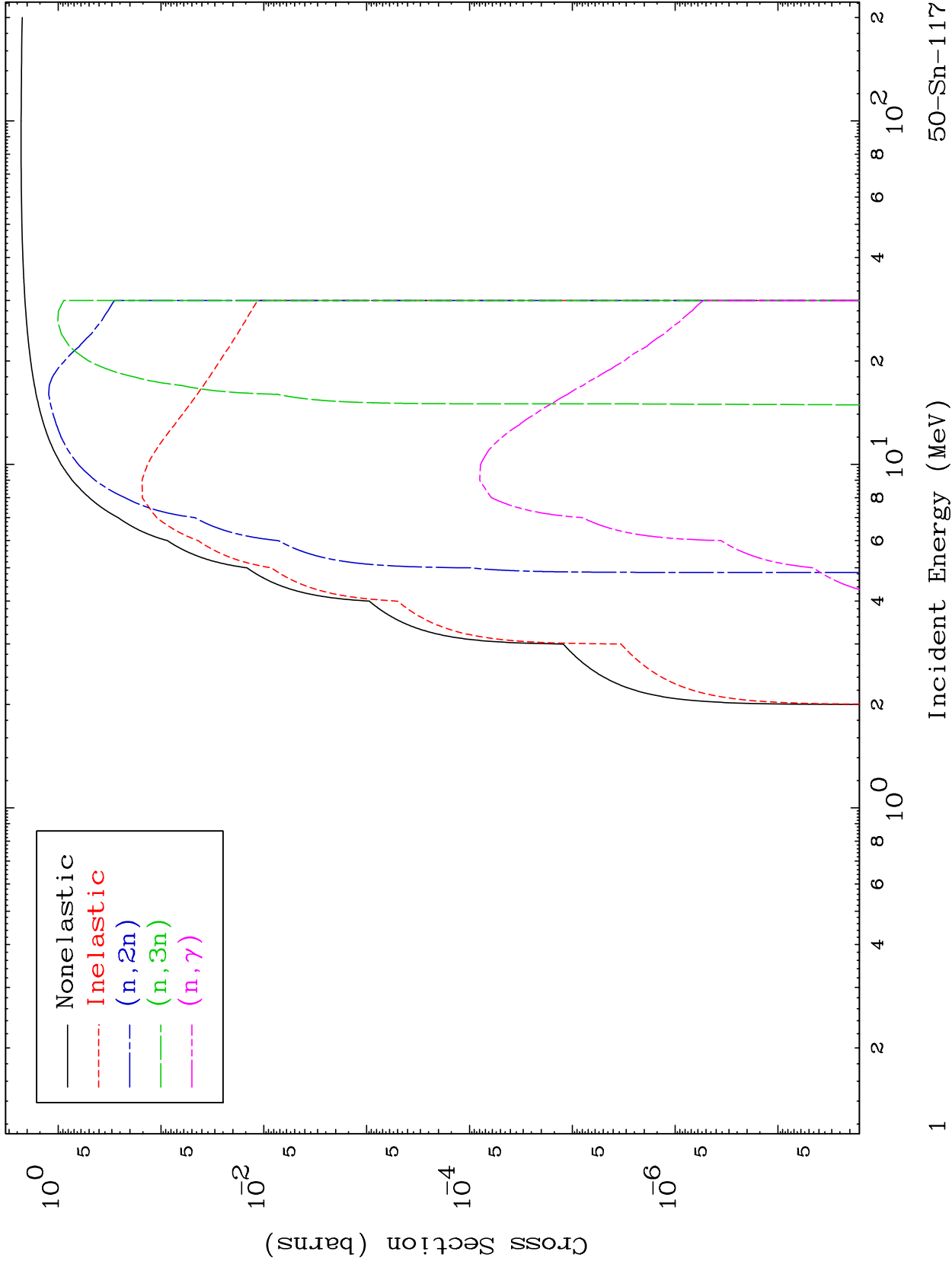
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Web:redcullen1.net/HOMEPAGE.NEW

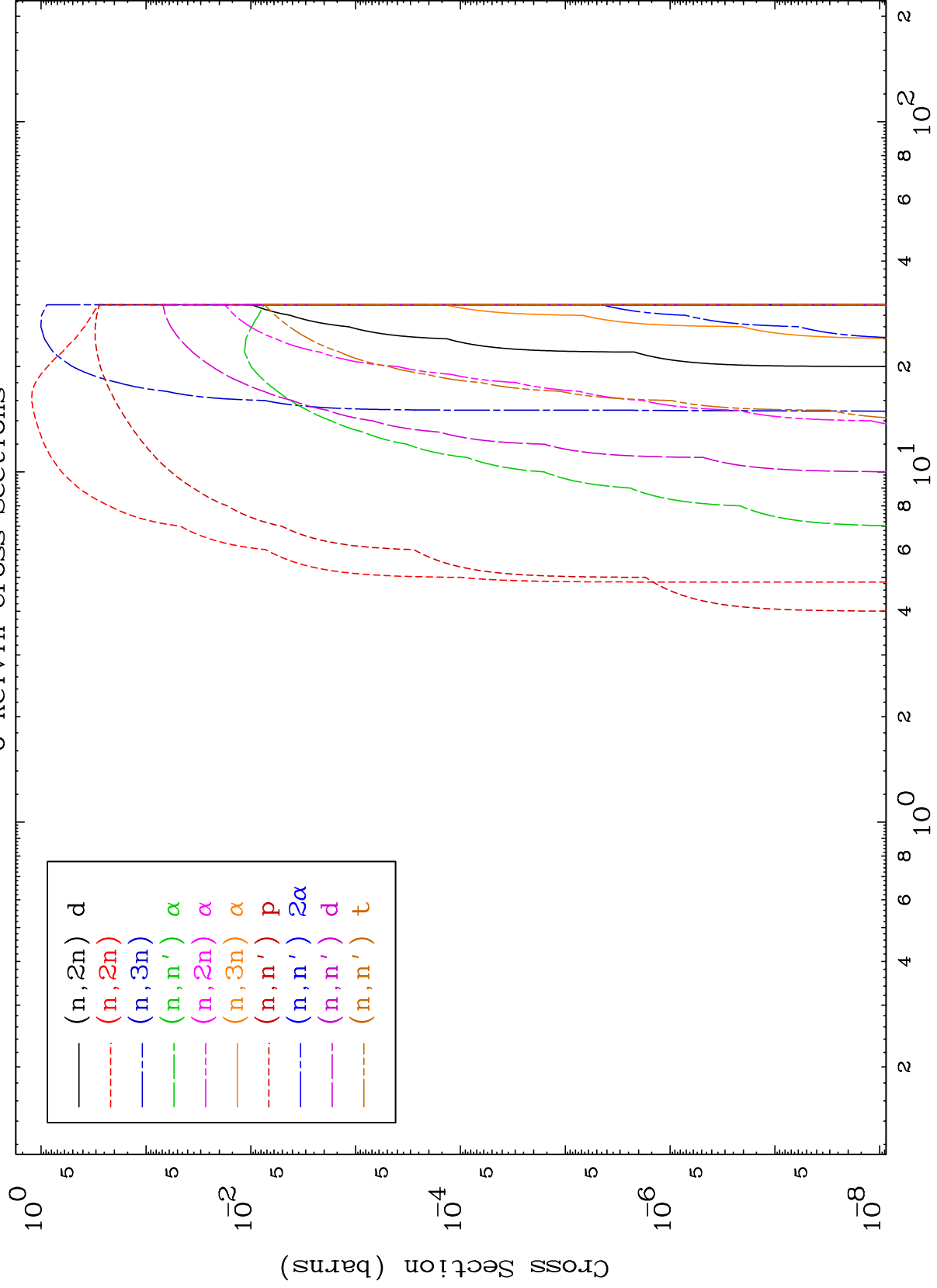
Press Mouse Button to Start



MAT 5040

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

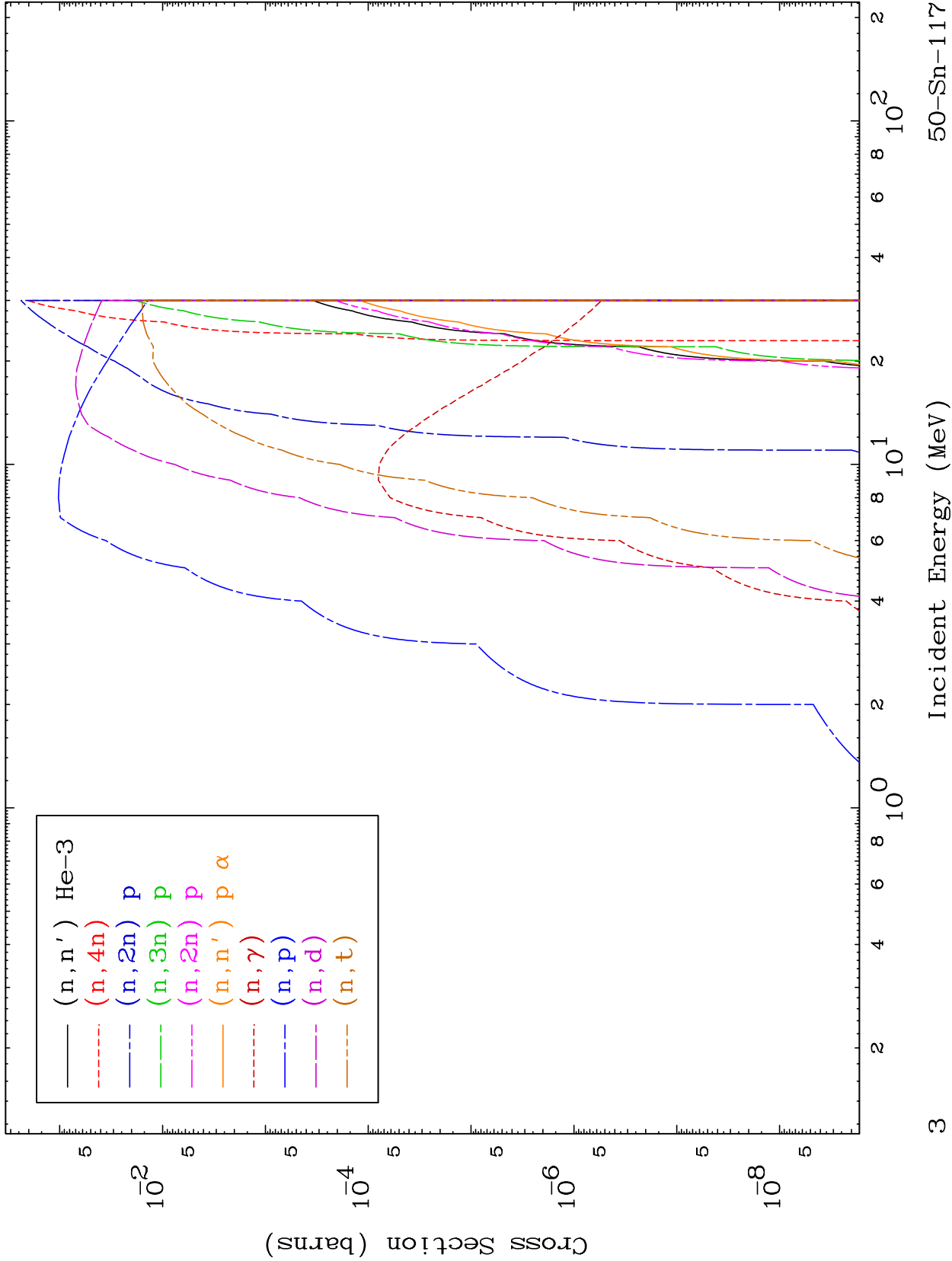
50-Sn-117



MAT 5040

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

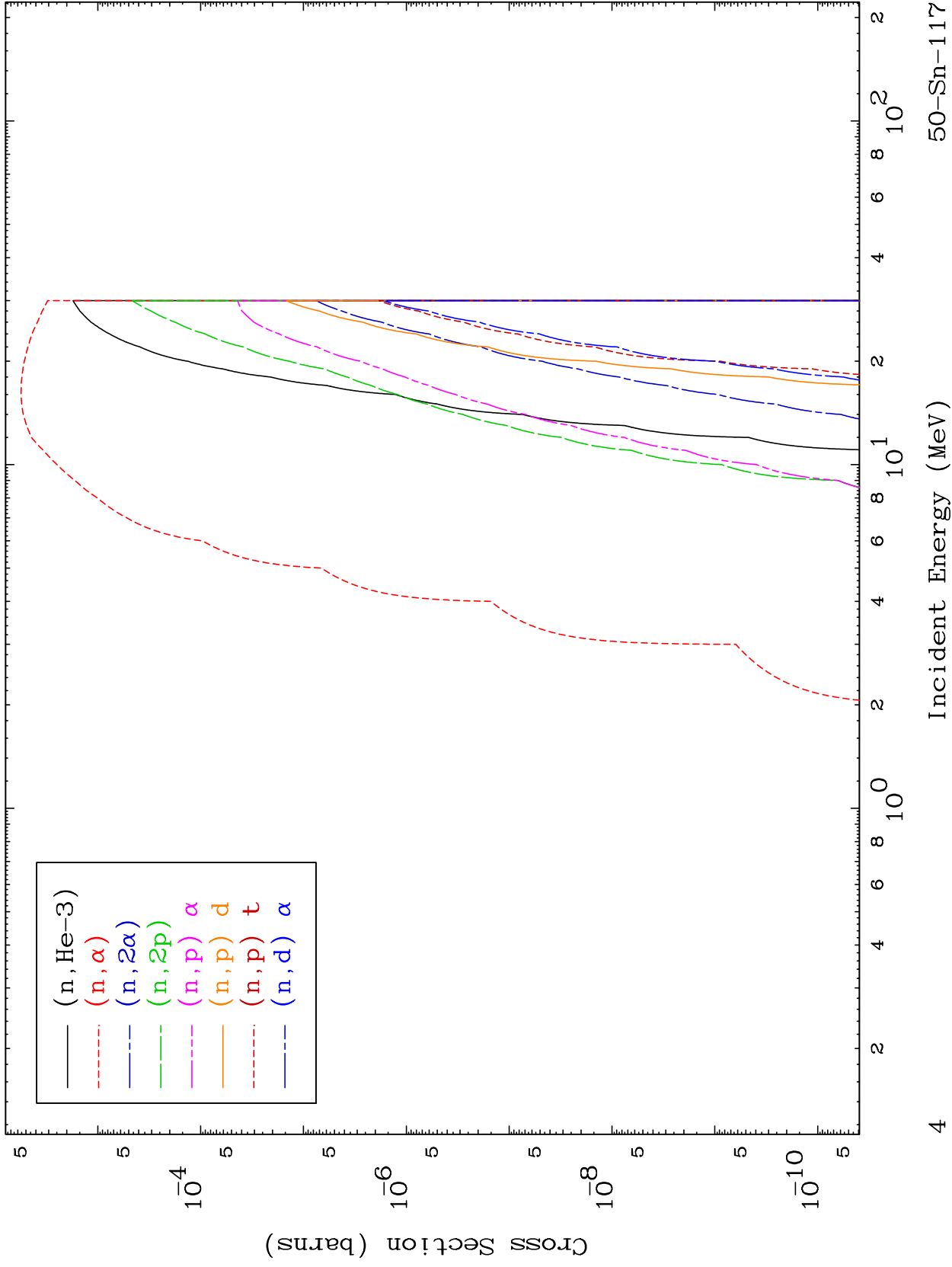
50-Sn-117



MAT 5040

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-117

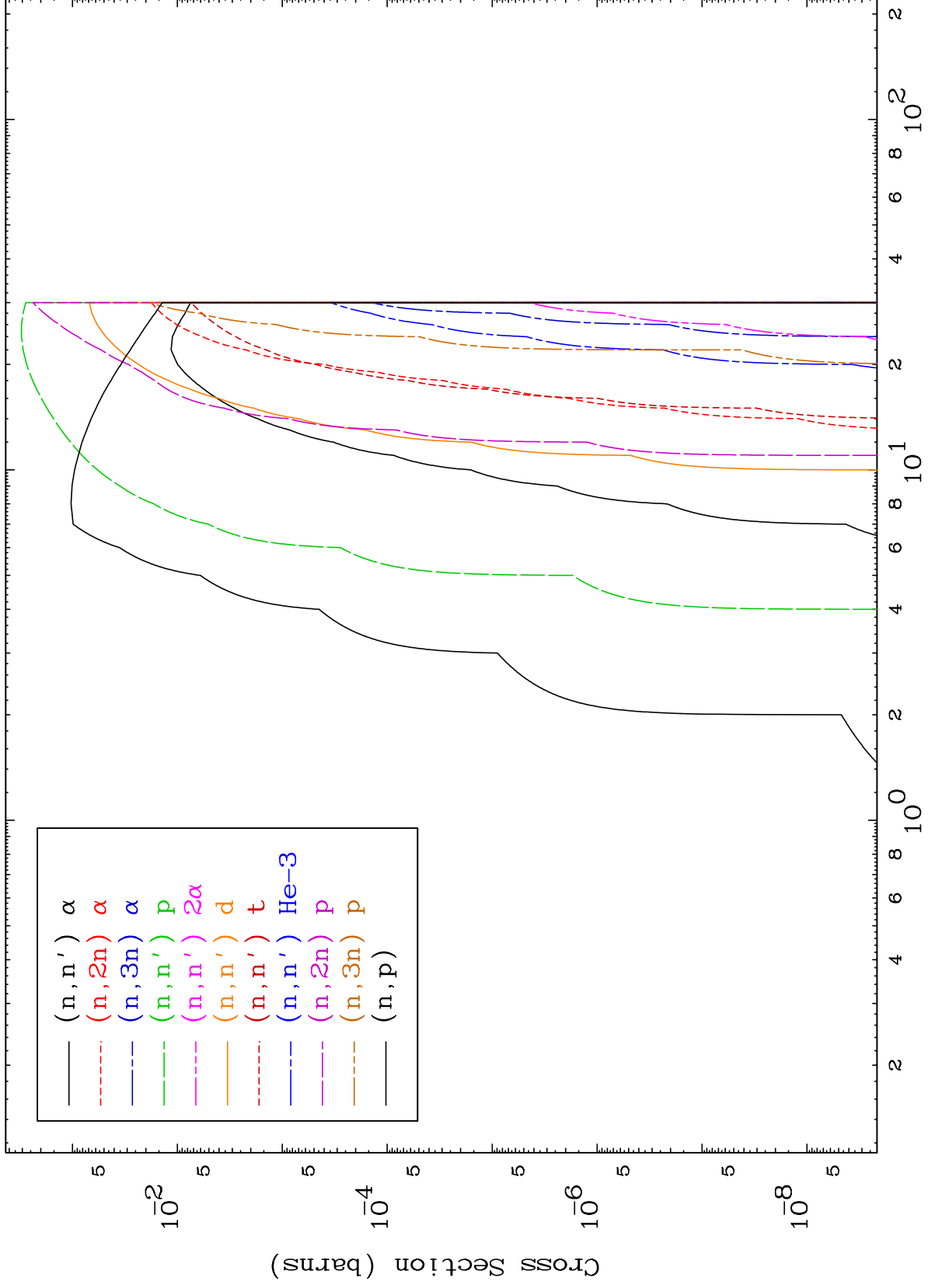


50-Sn-117

MAT 5040

Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-117



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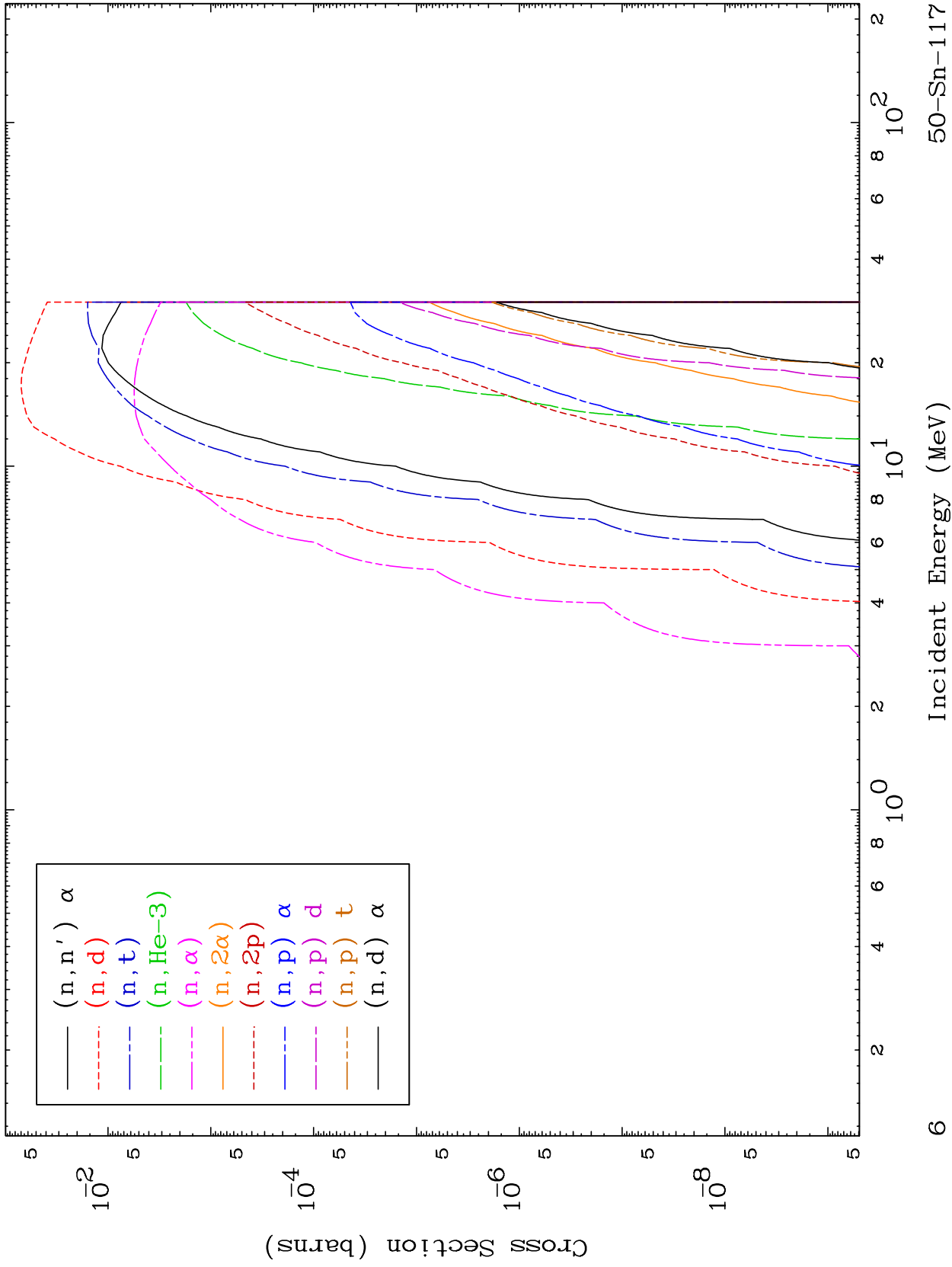
Incident Energy (MeV)

50-Sn-117

MAT 5040

Deuteron Charged Particle  
0 Kelvin Cross Sections

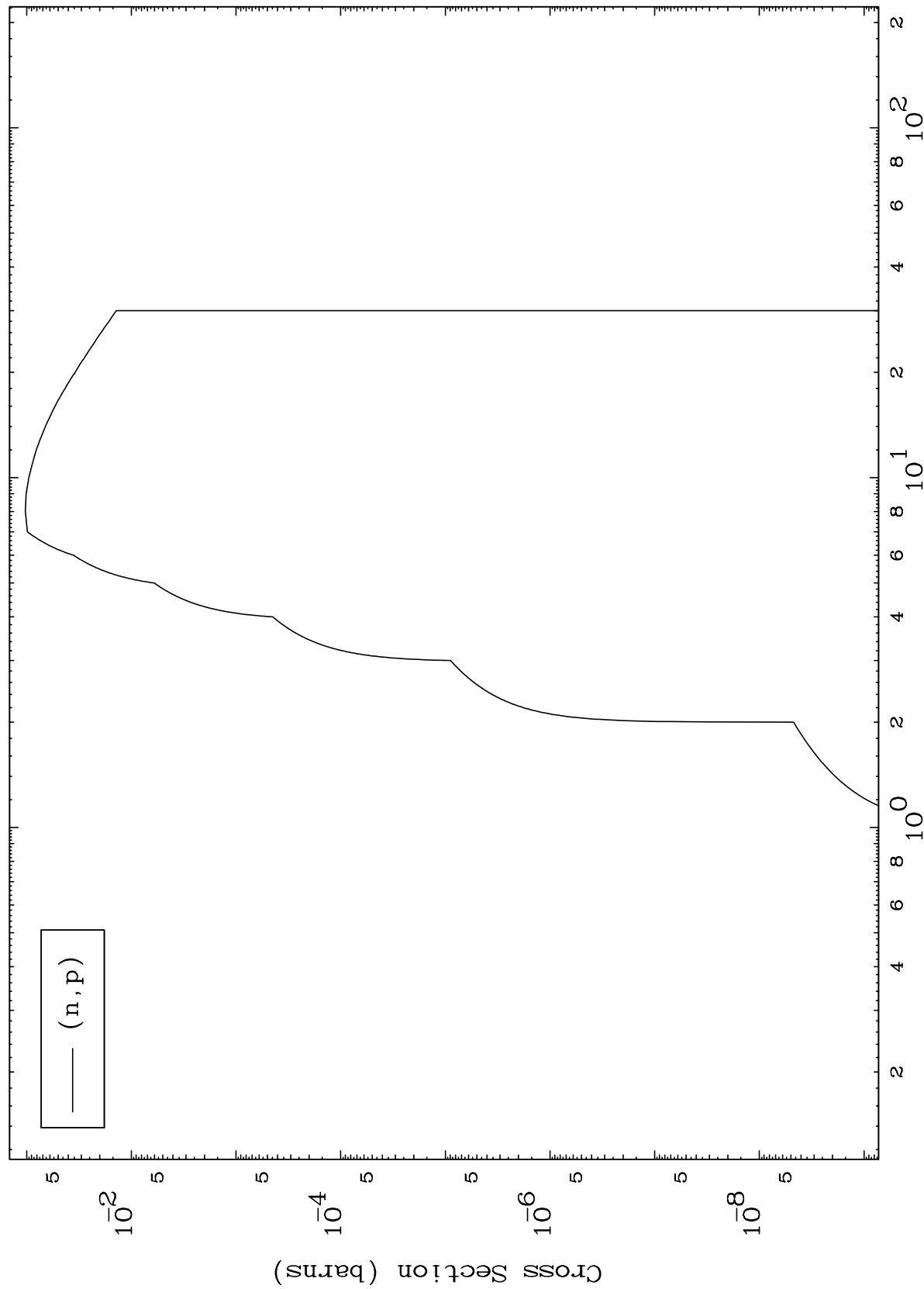
50-Sn-117



MAT 5040

50-Sn-117

(d,p) Levels  
0 Kelvin Cross Sections

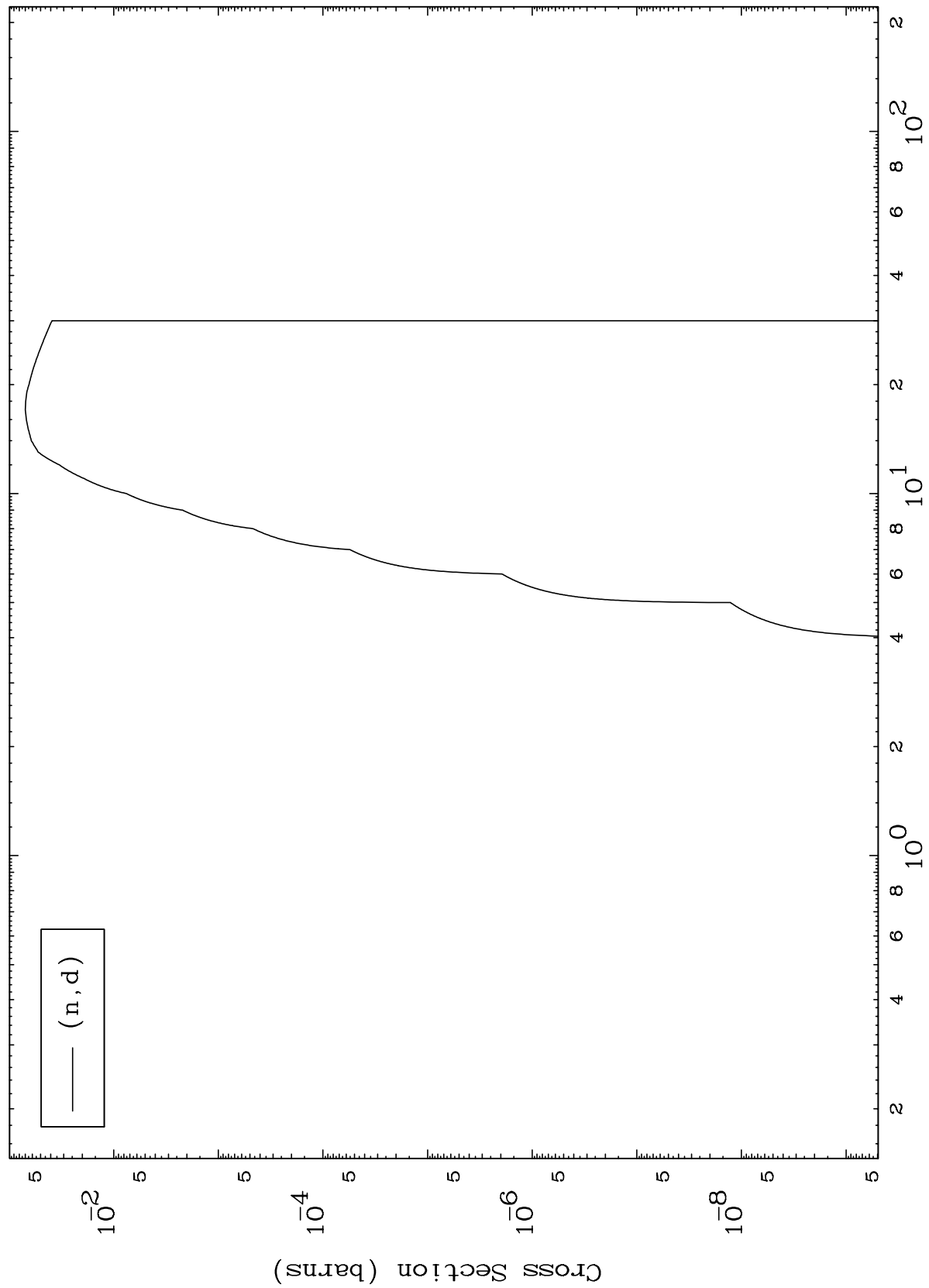




MAT 5040

50-Sn-117

(d,d) Levels  
0 Kelvin Cross Sections



8

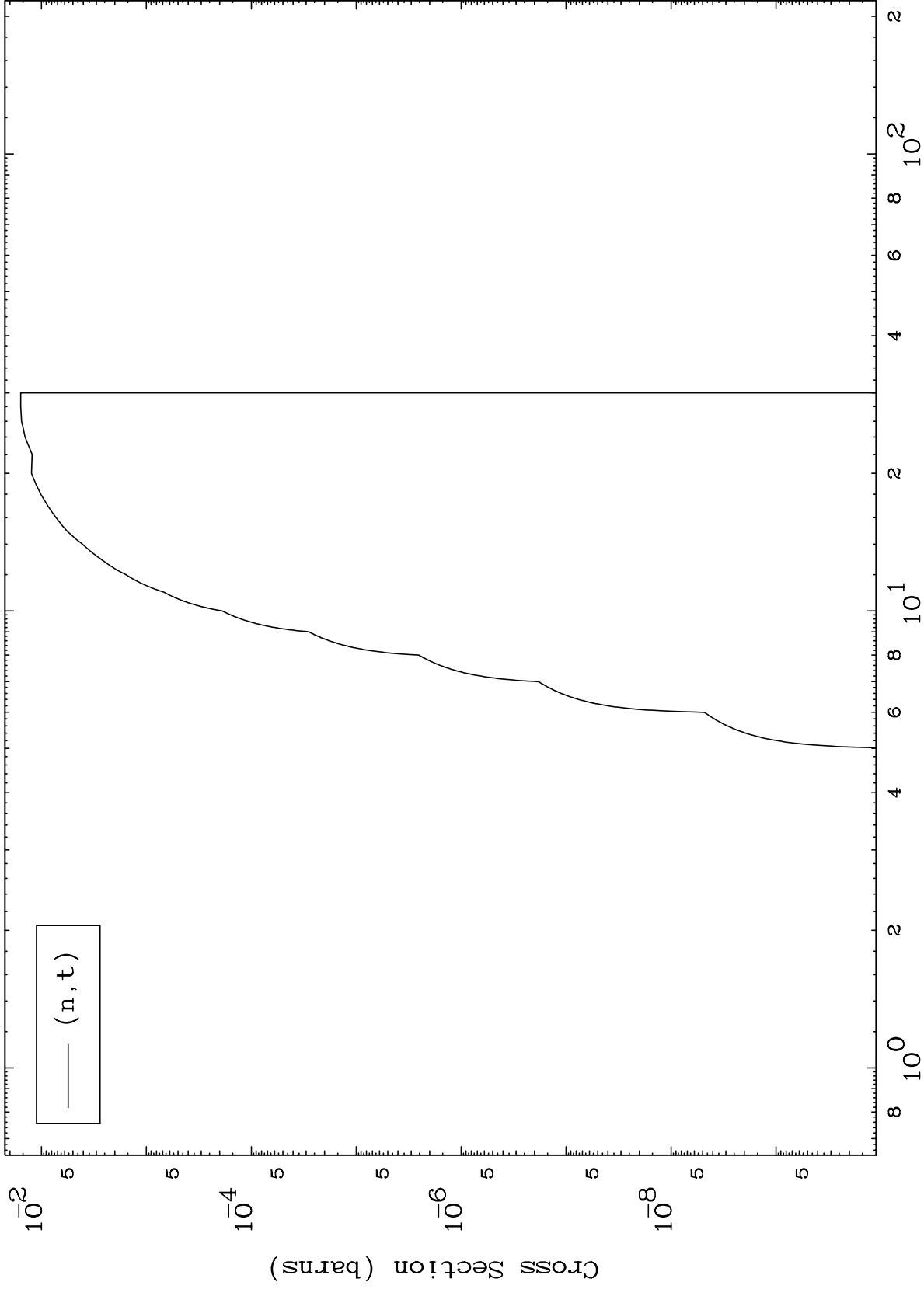
50-Sn-117

MAT 5040

(d,t) Levels

50-Sn-117

0 Kelvin Cross Sections



9

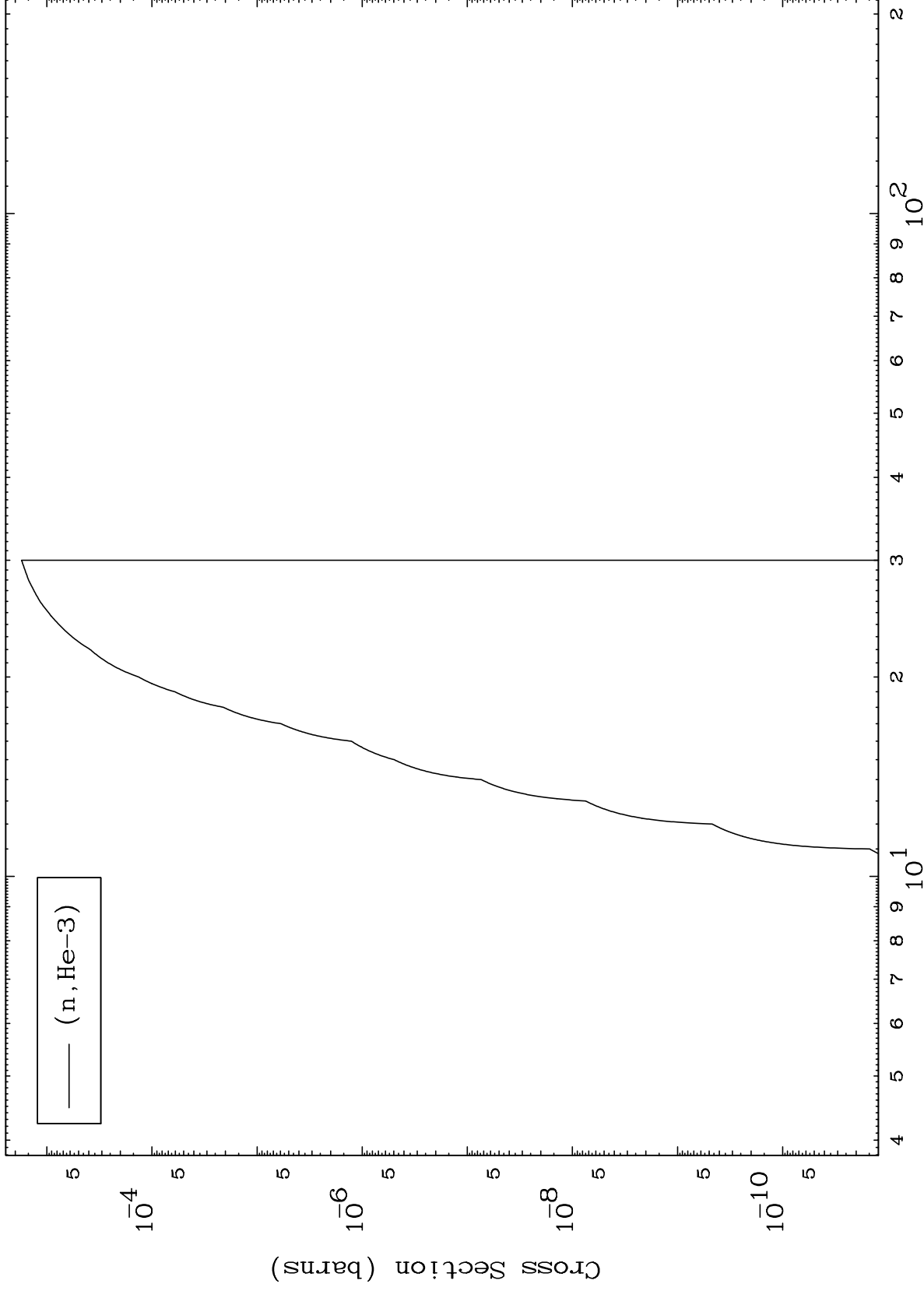
Incident Energy (MeV)

50-Sn-117

MAT 5040

(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-117



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Incident Energy (MeV)

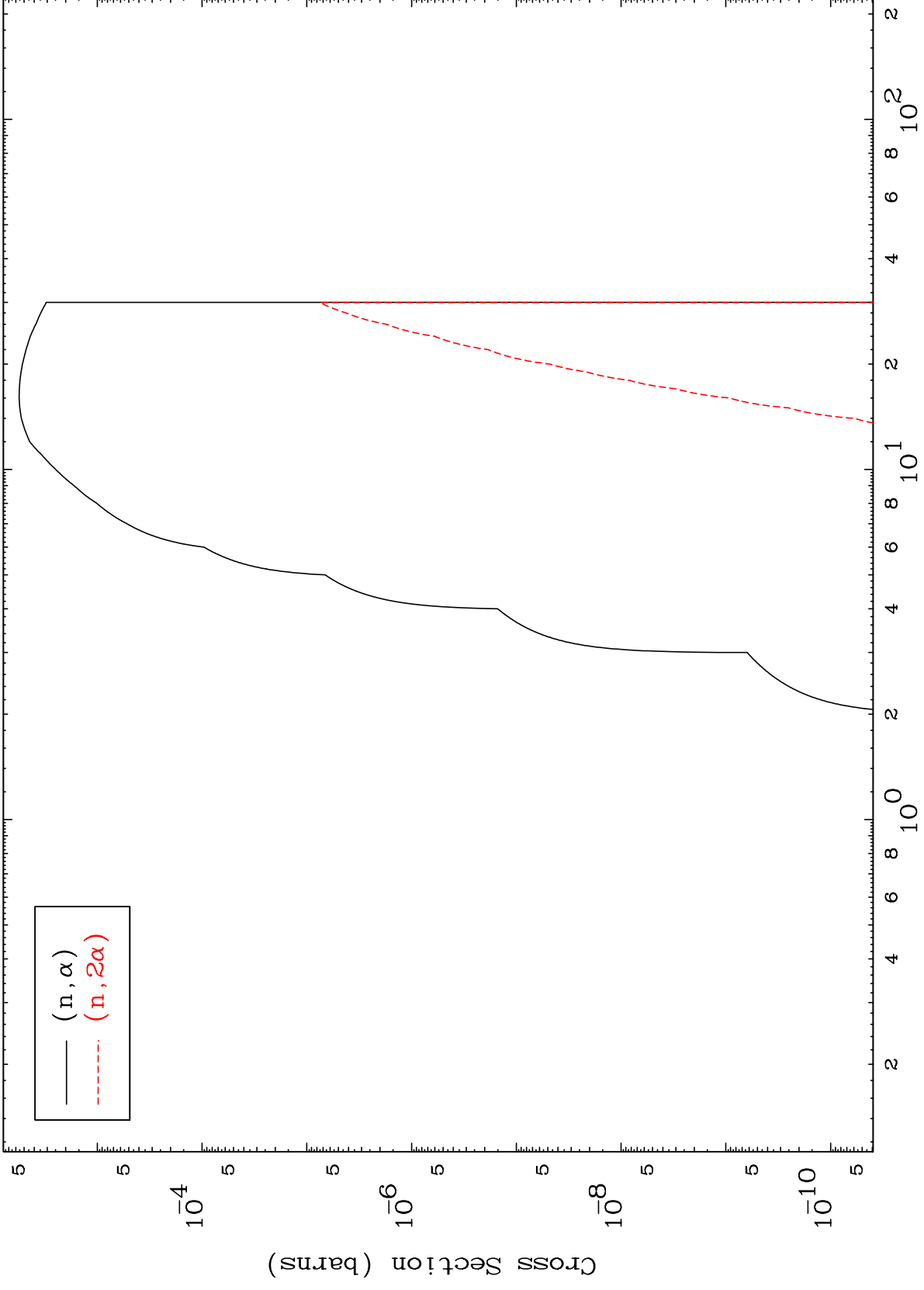
50-Sn-117

MAT 5040

(d,  $\alpha$ ) Levels

50-Sn-117

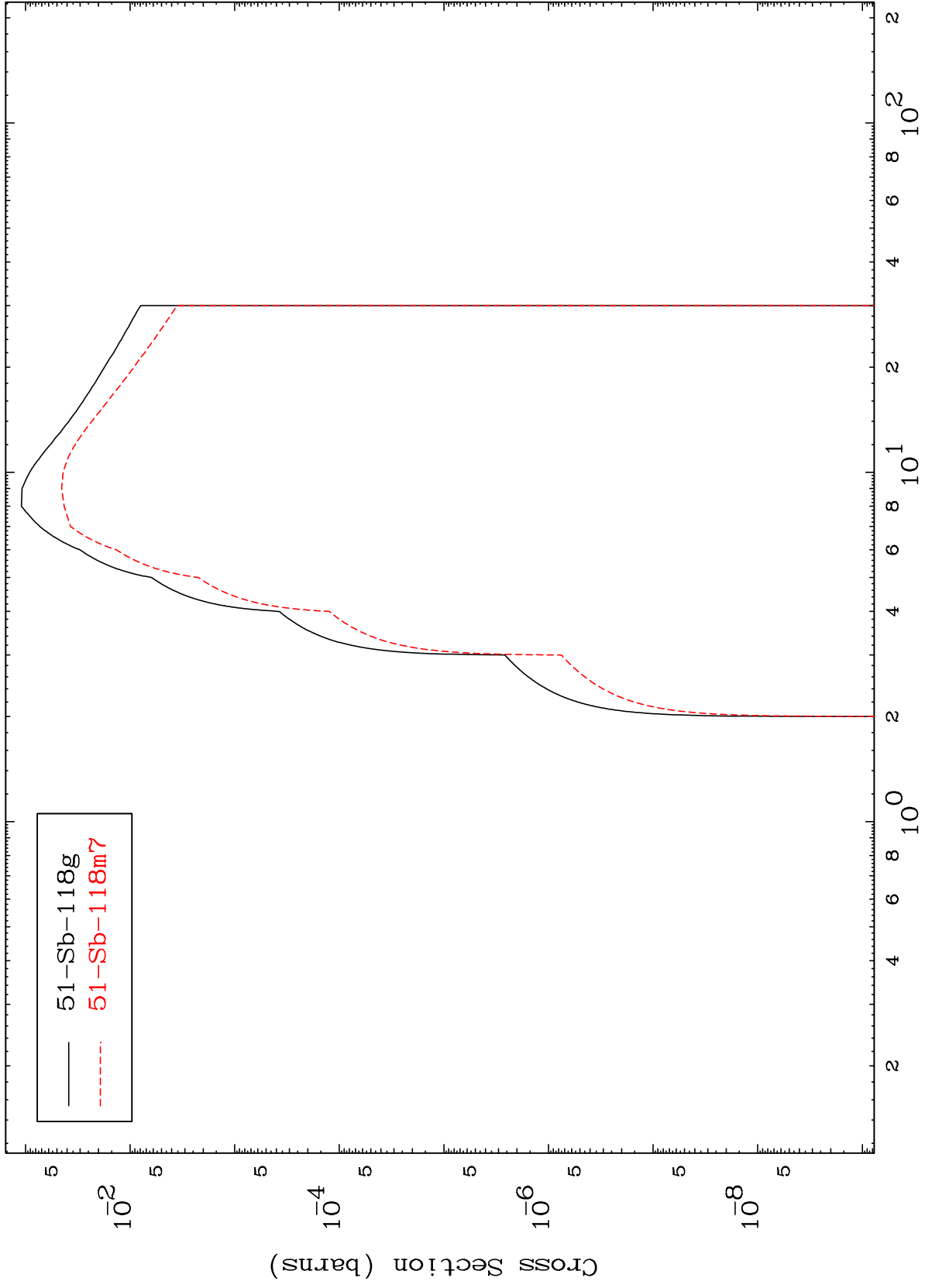
0 Kelvin Cross Sections



MAT 5040

Inelastic  
Radionuclide Production Cross Section

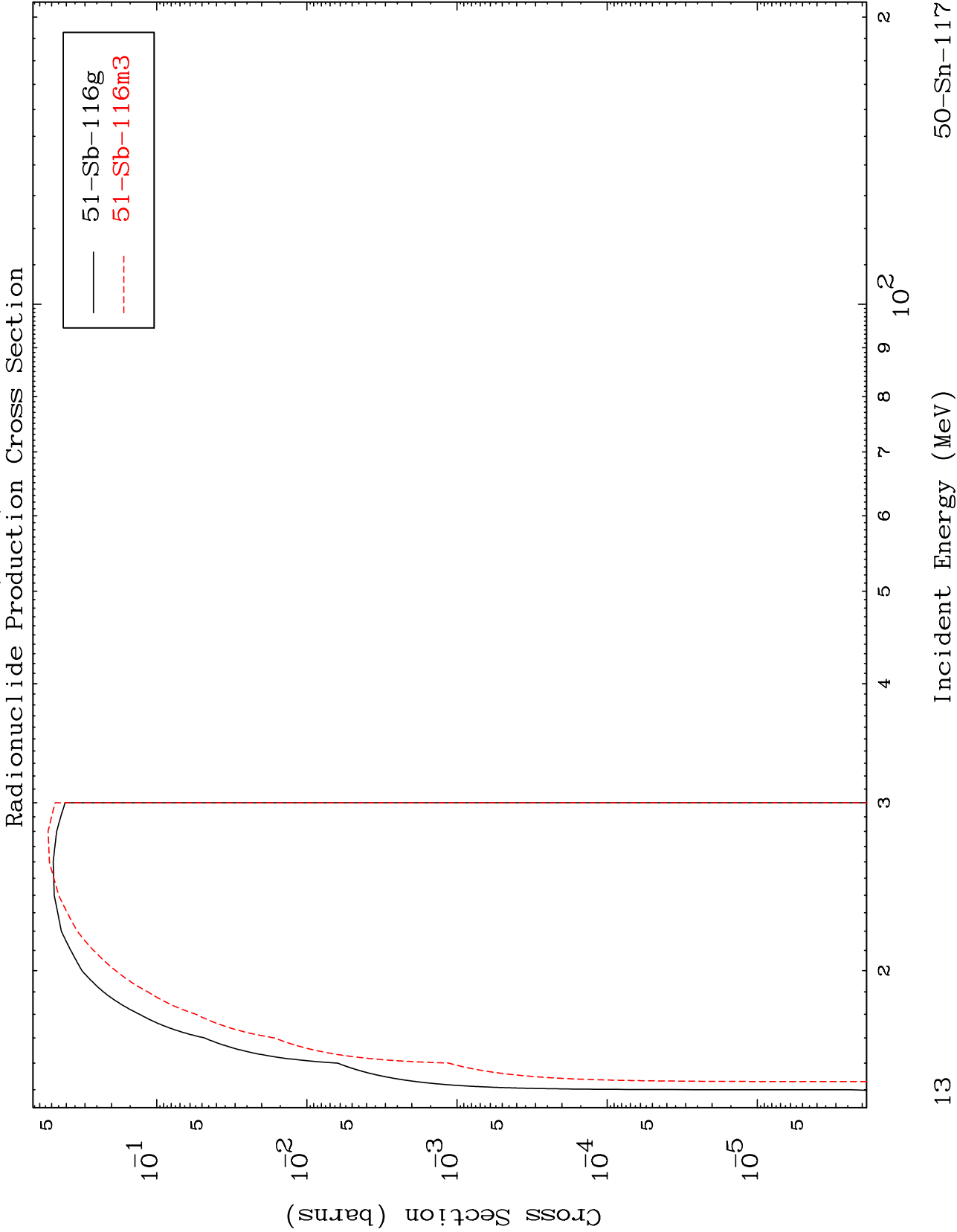
50-Sn-117



MAT 5040

(n,3n)

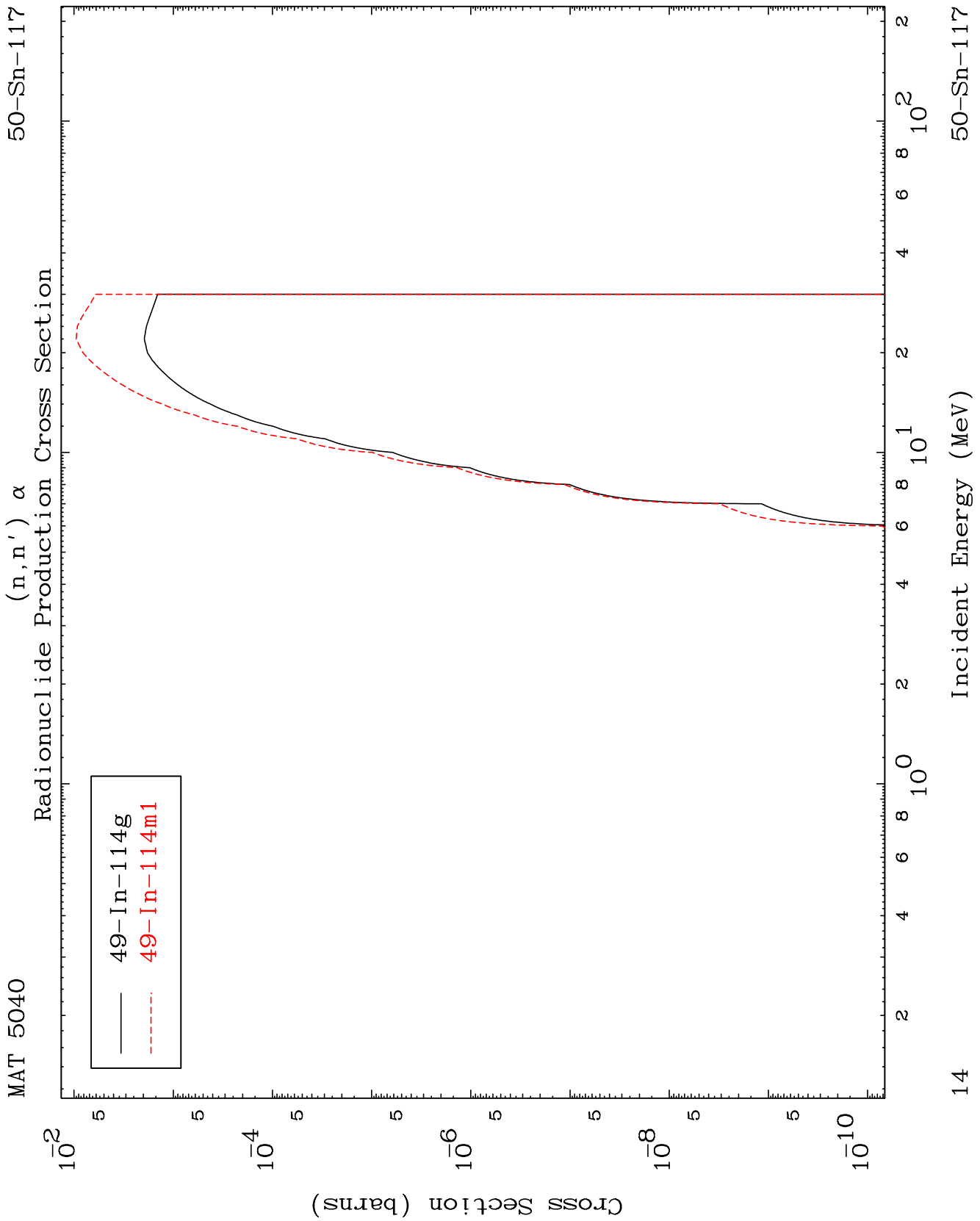
50-Sn-117



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Incident Energy (MeV)

50-Sn-117

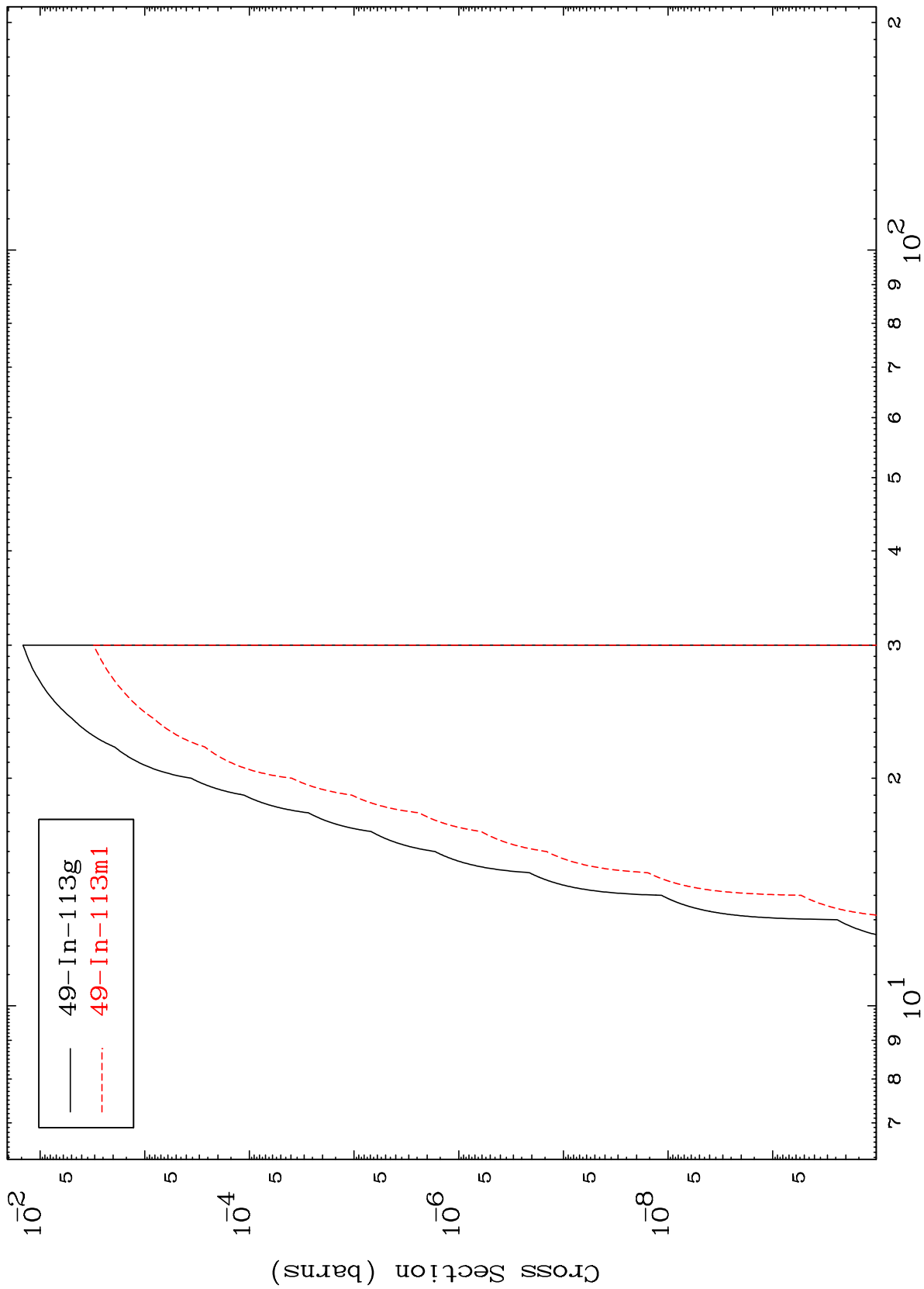


MAT 5040

(n,2n)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-117

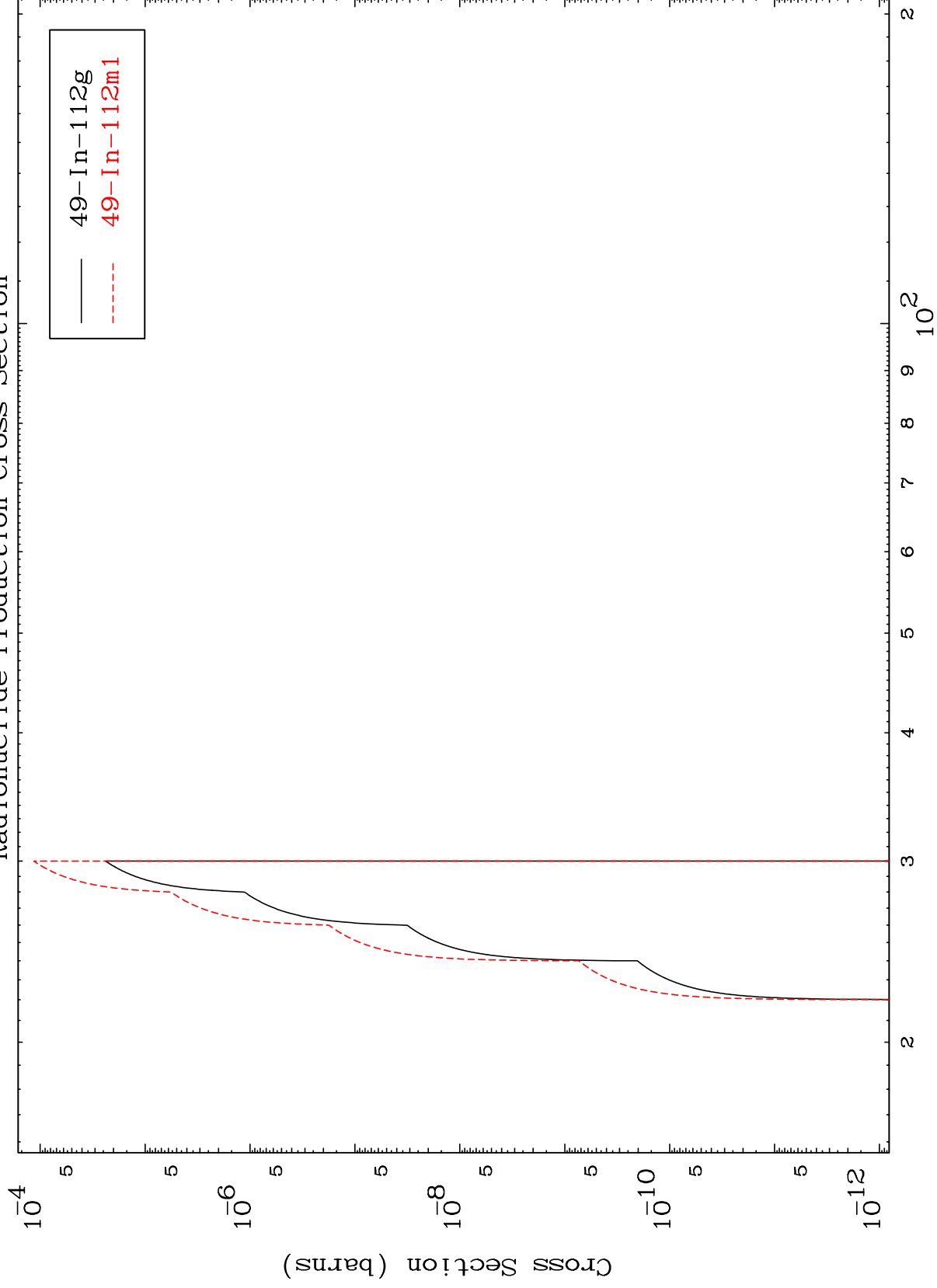


MAT 5040

(n,3n)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



16

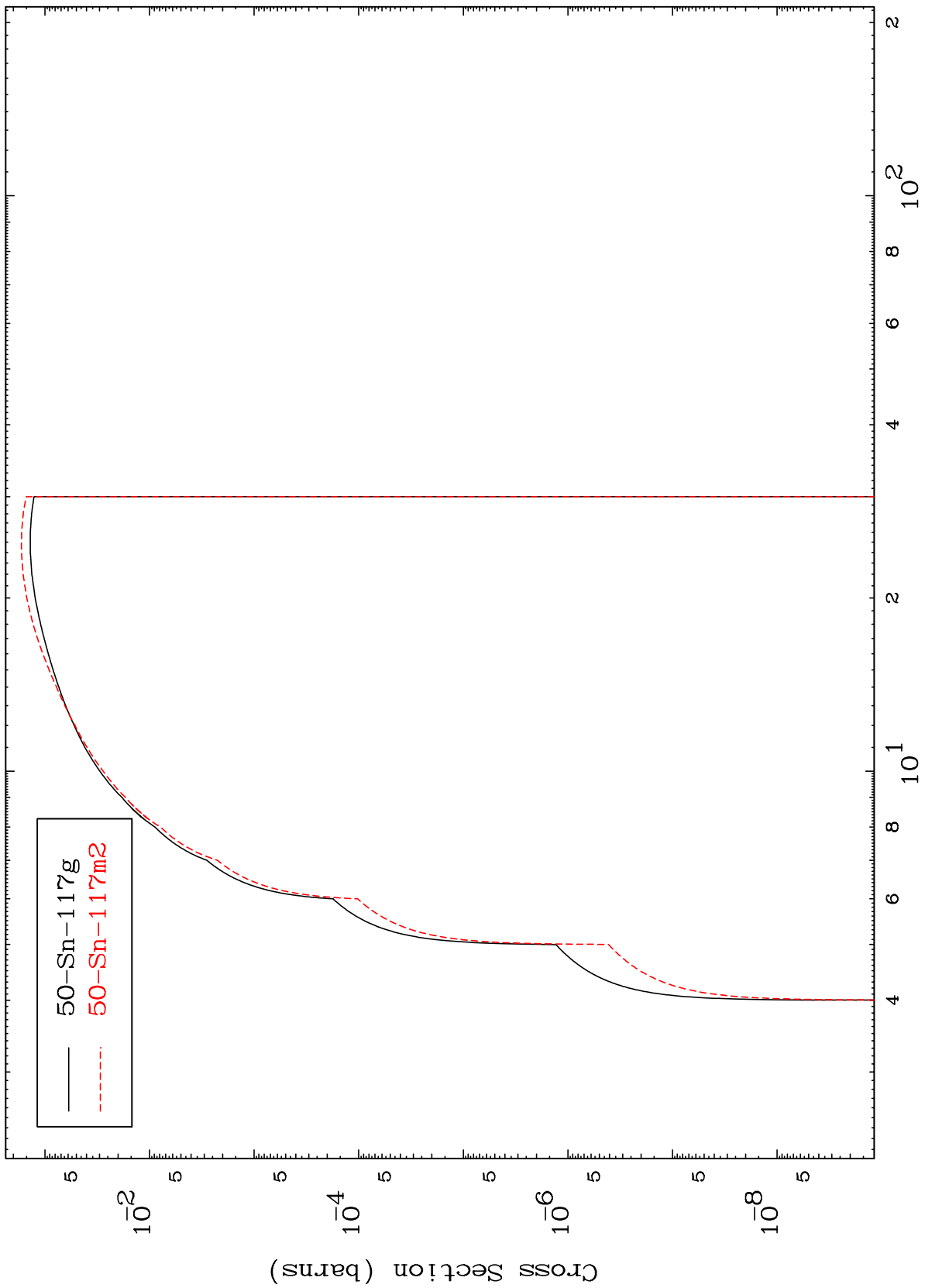
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

Radionuclide Production Cross Section



50-Sn-117g  
50-Sn-117m2

50-Sn-117

Incident Energy (MeV)

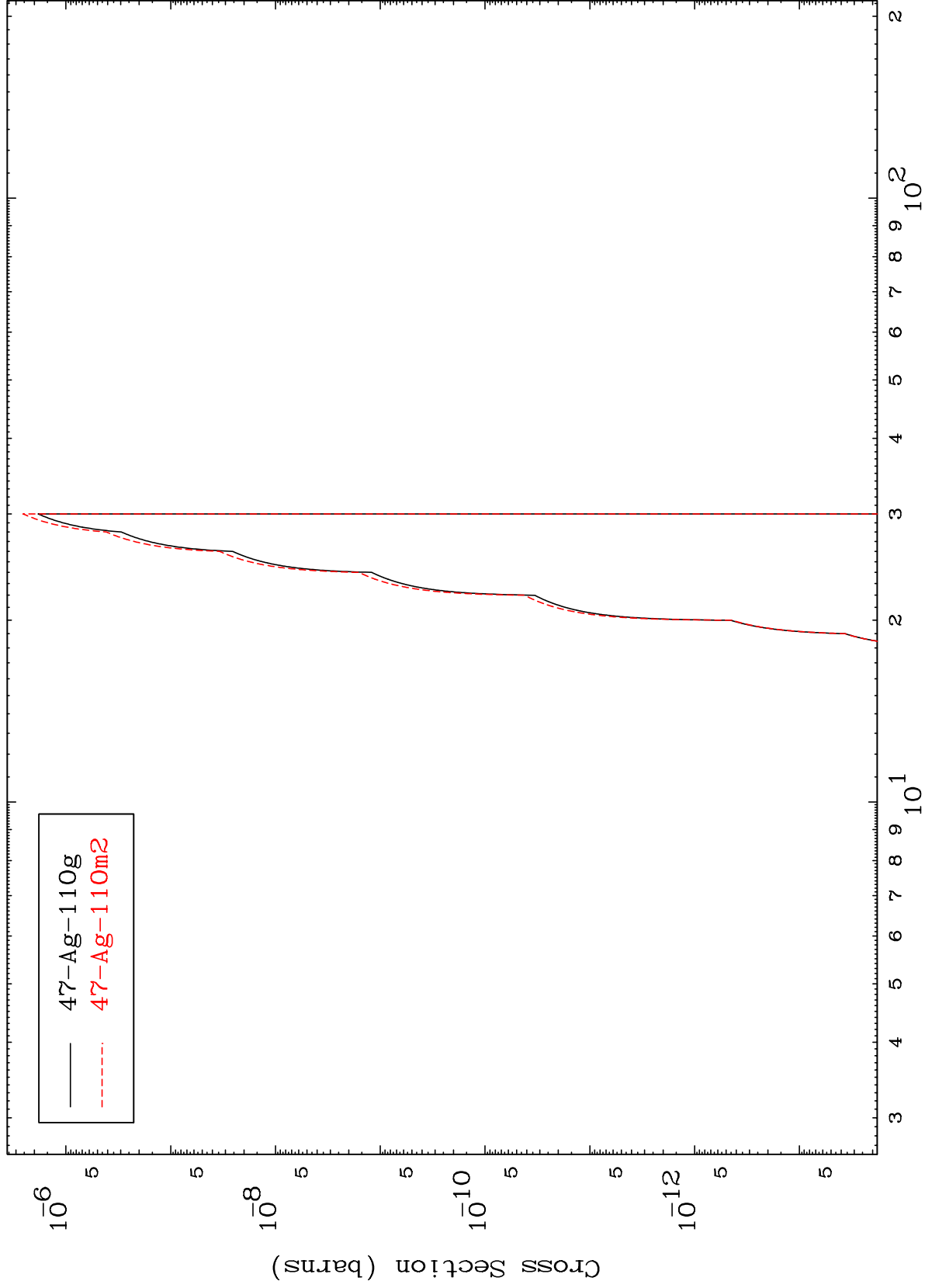
17

MAT 5040

(n,n') 2α

50-Sn-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

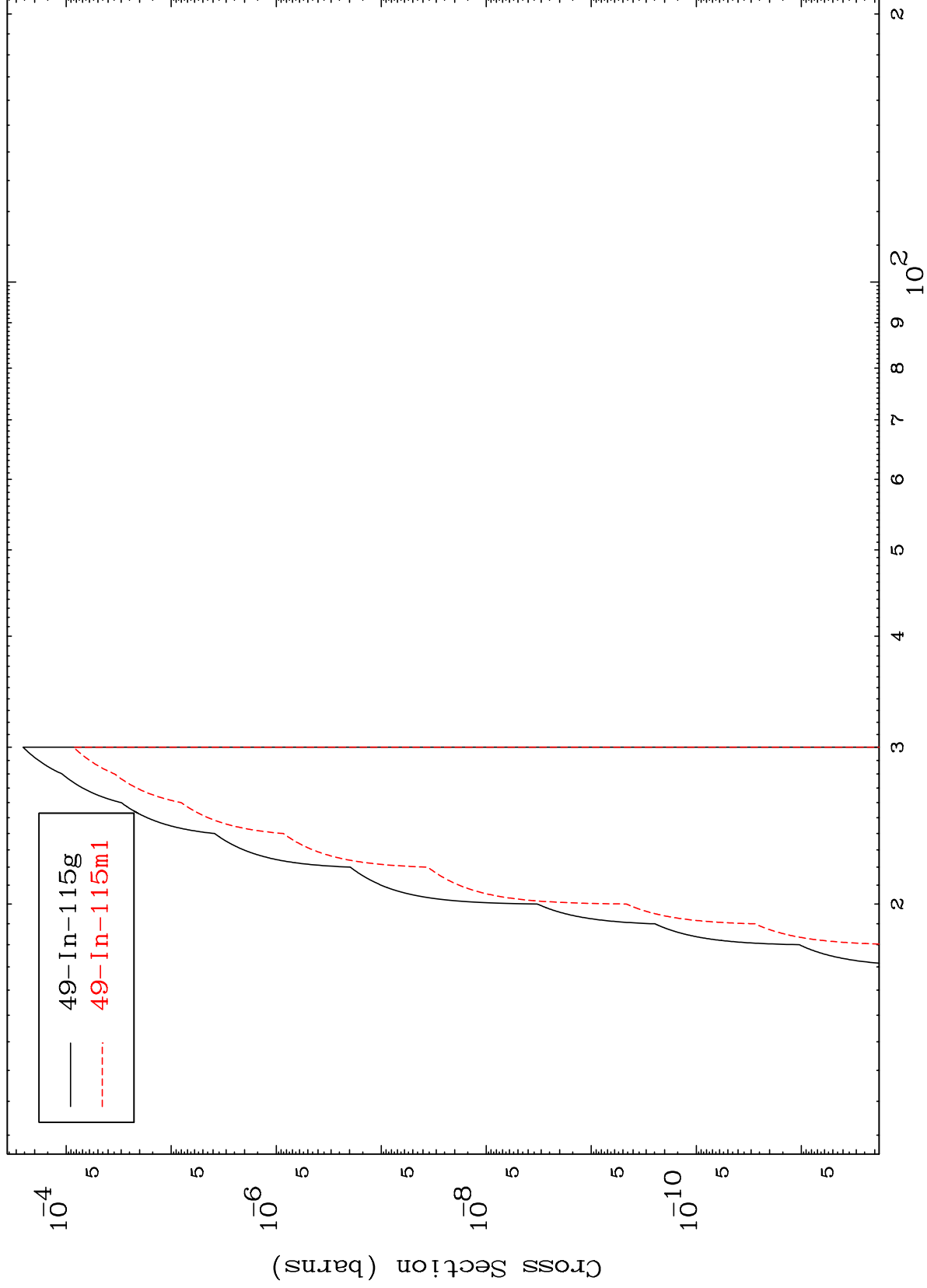
50-Sn-117

MAT 5040

(n,n') He-3

50-Sn-117

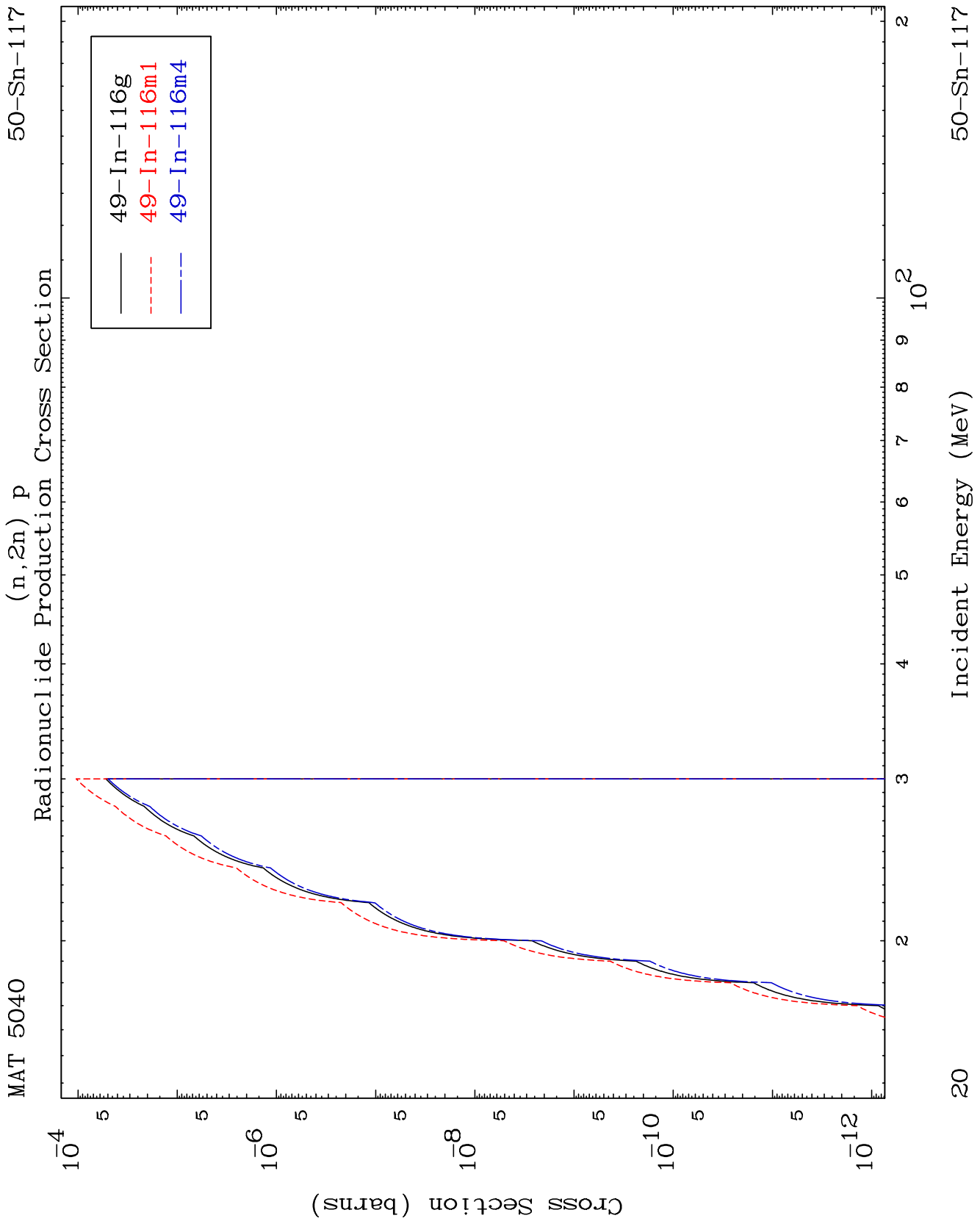
Radionuclide Production Cross Section

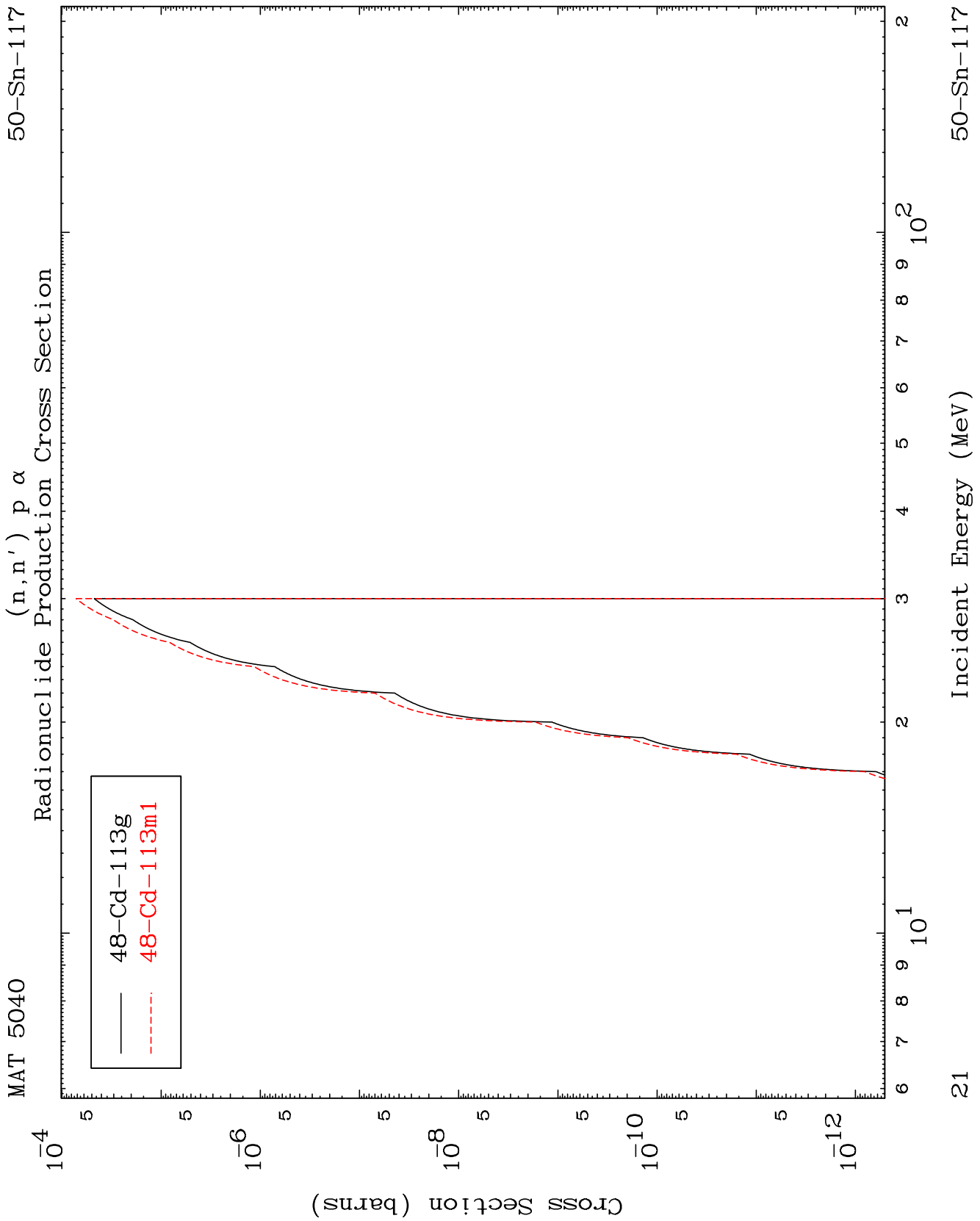


19

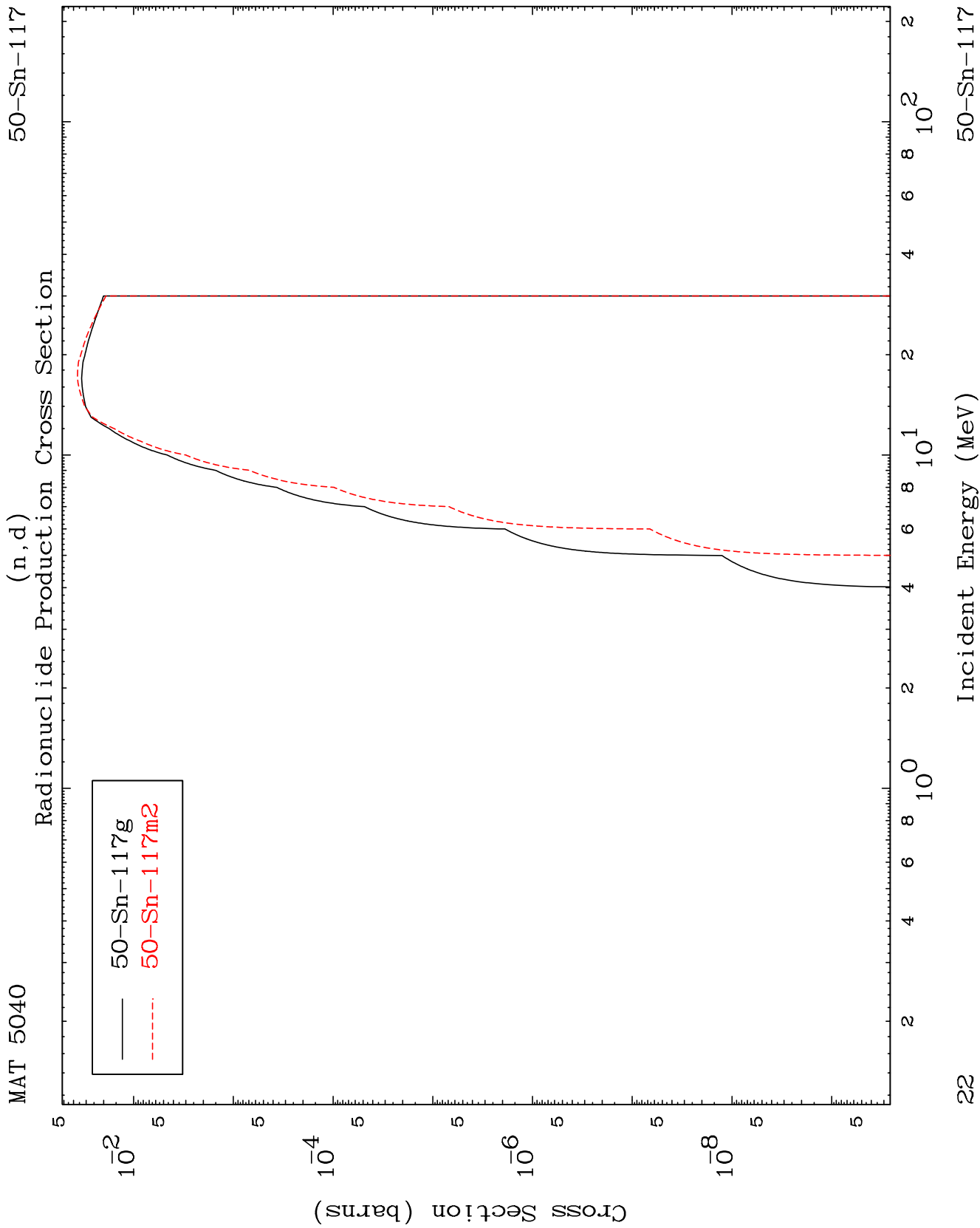
Incident Energy (MeV)

50-Sn-117





MAT 5040

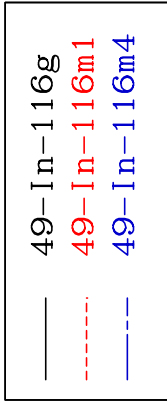
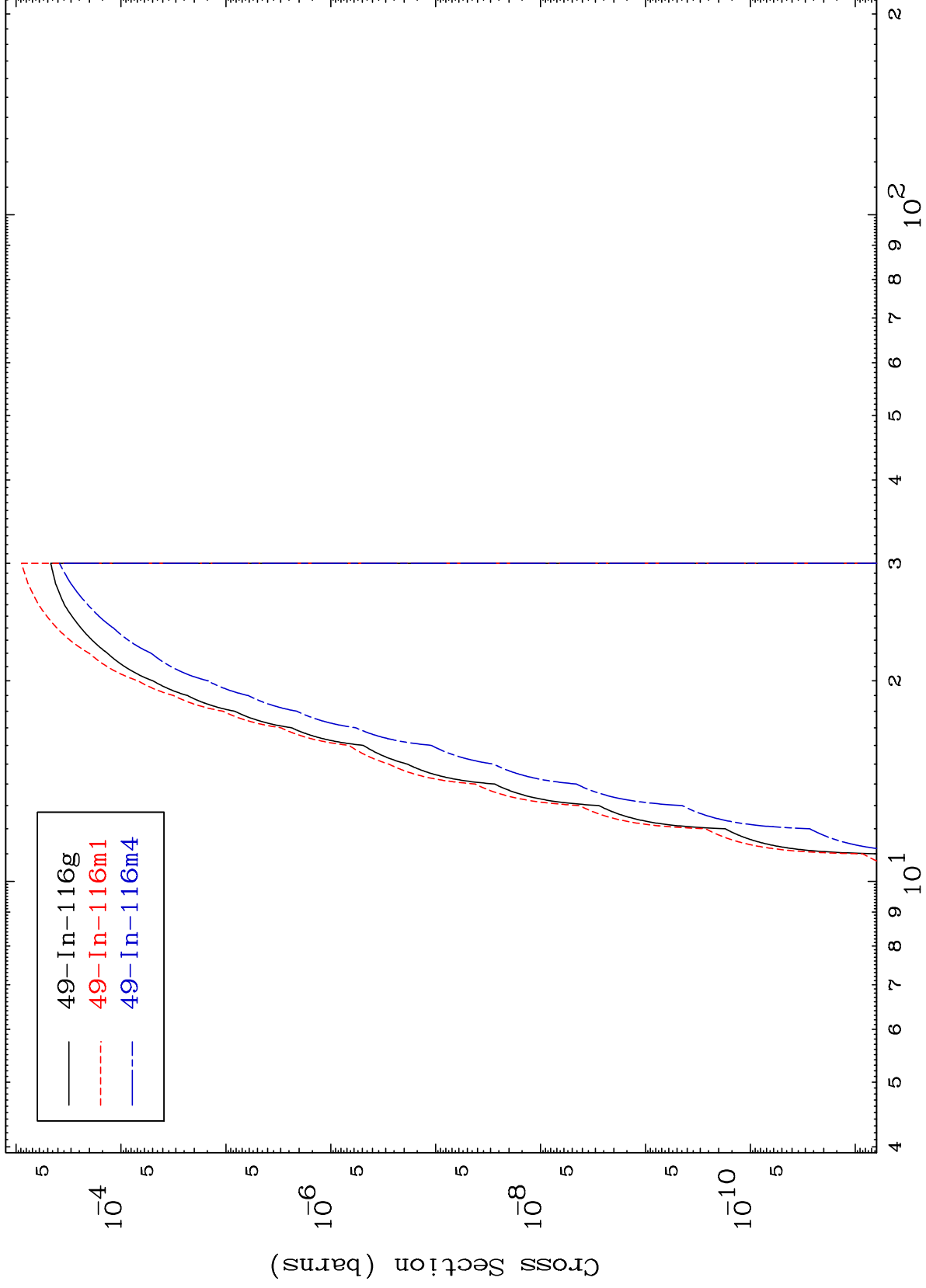


MAT 5040

(n,He-3)

50-Sn-117

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-117

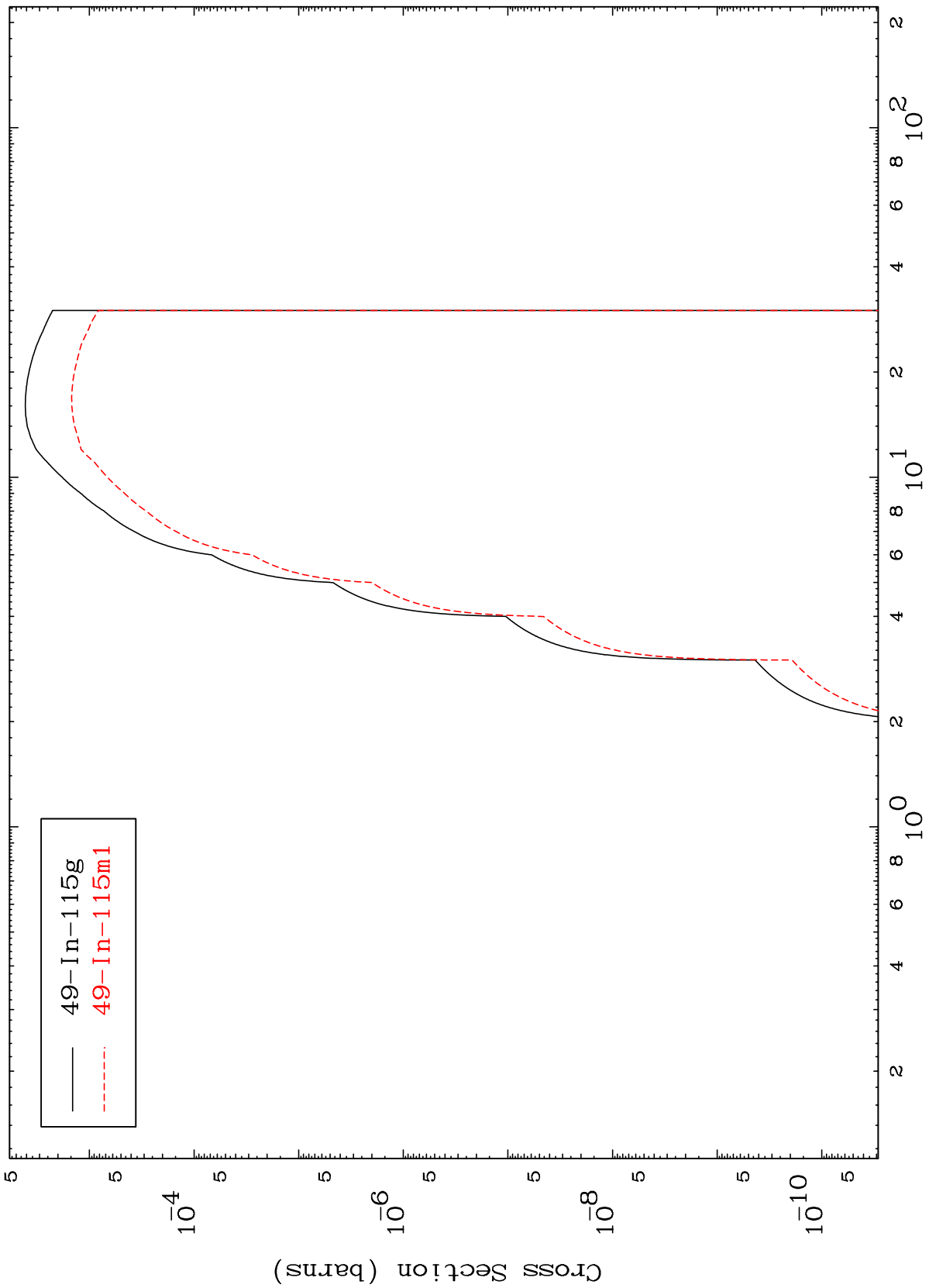
23



MAT 5040

50-Sn-117

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



50-Sn-117

Incident Energy (MeV)

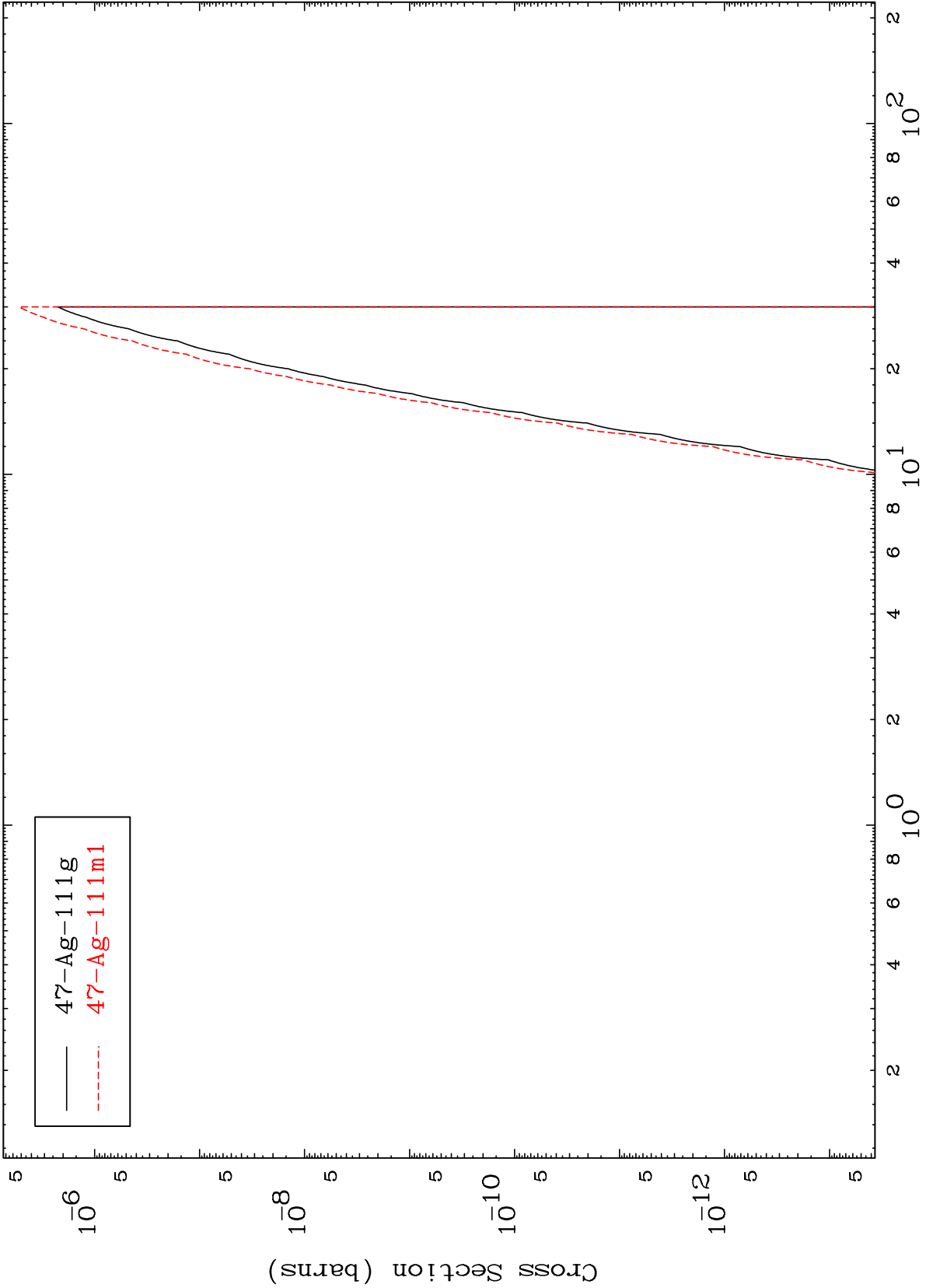
24

MAT 5040

(n,2α)

50-Sn-117

Radionuclide Production Cross Section

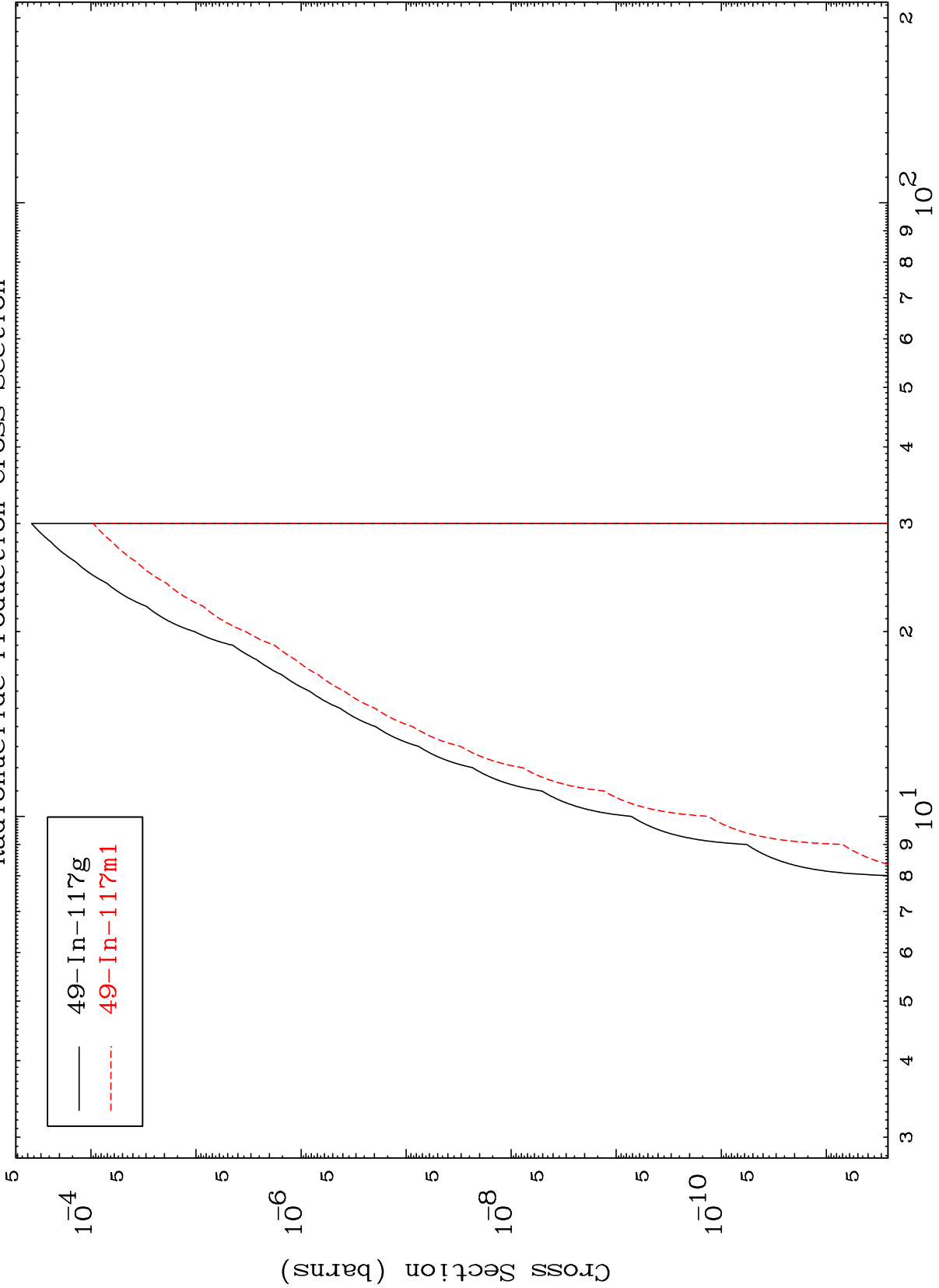


— 47-Ag-111g  
- - - 47-Ag-111m1

MAT 5040

50-Sn-117

(n,2p)  
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

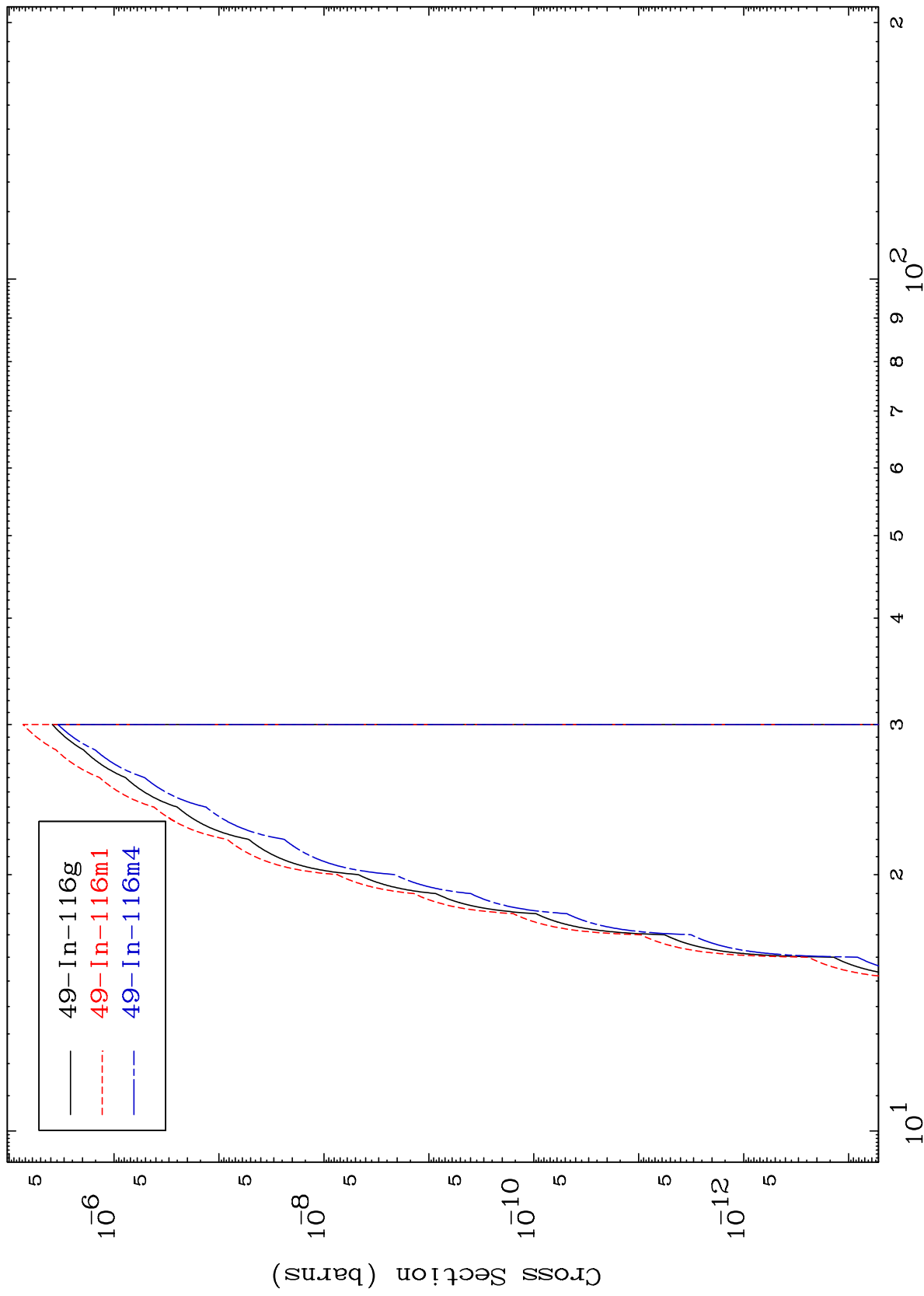
26

MAT 5040

(n,p) d

50-Sn-117

Radionuclide Production Cross Section



27

Incident Energy (MeV)

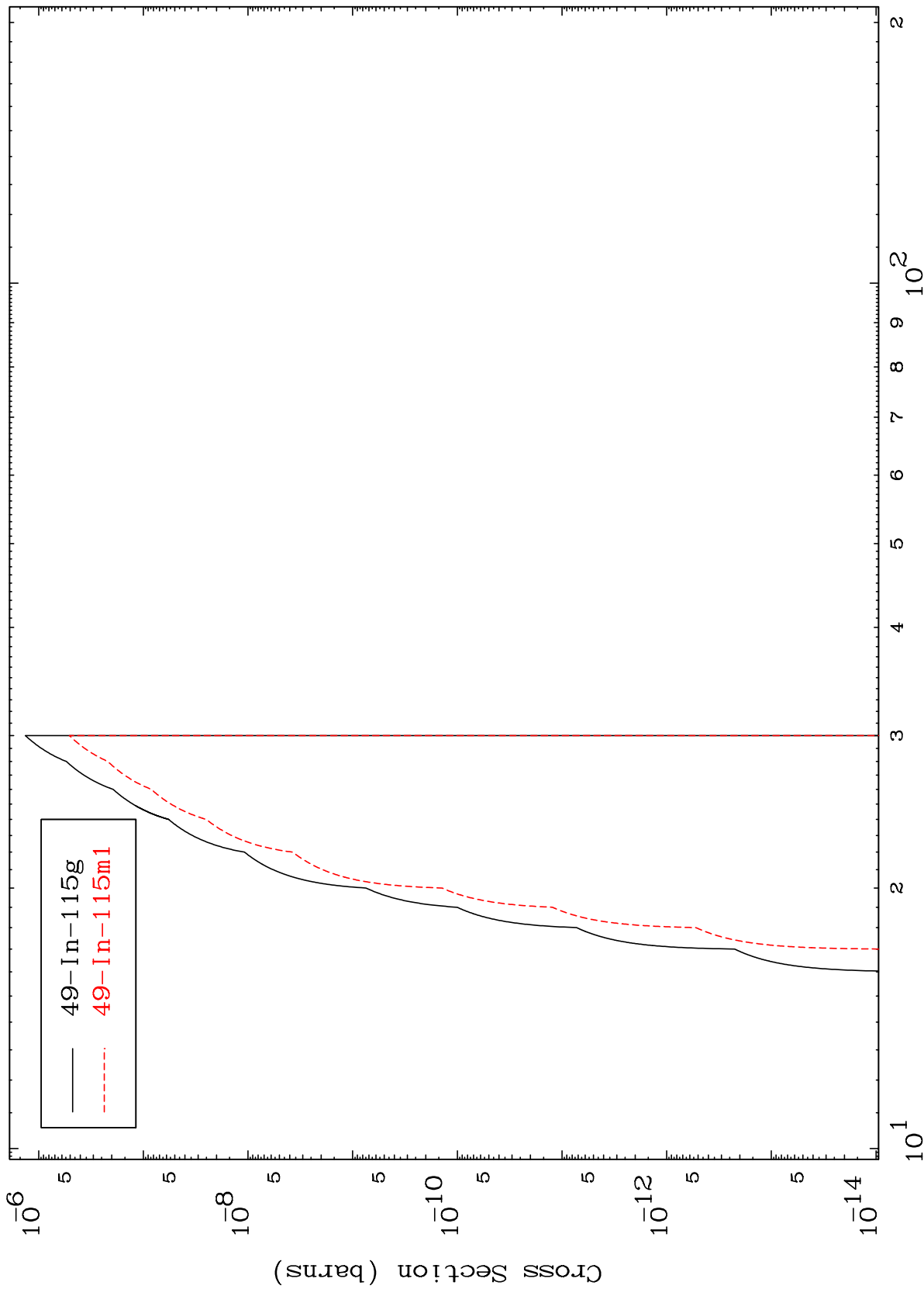
50-Sn-117

MAT 5040

(n,p) t

50-Sn-117

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-117

28

