

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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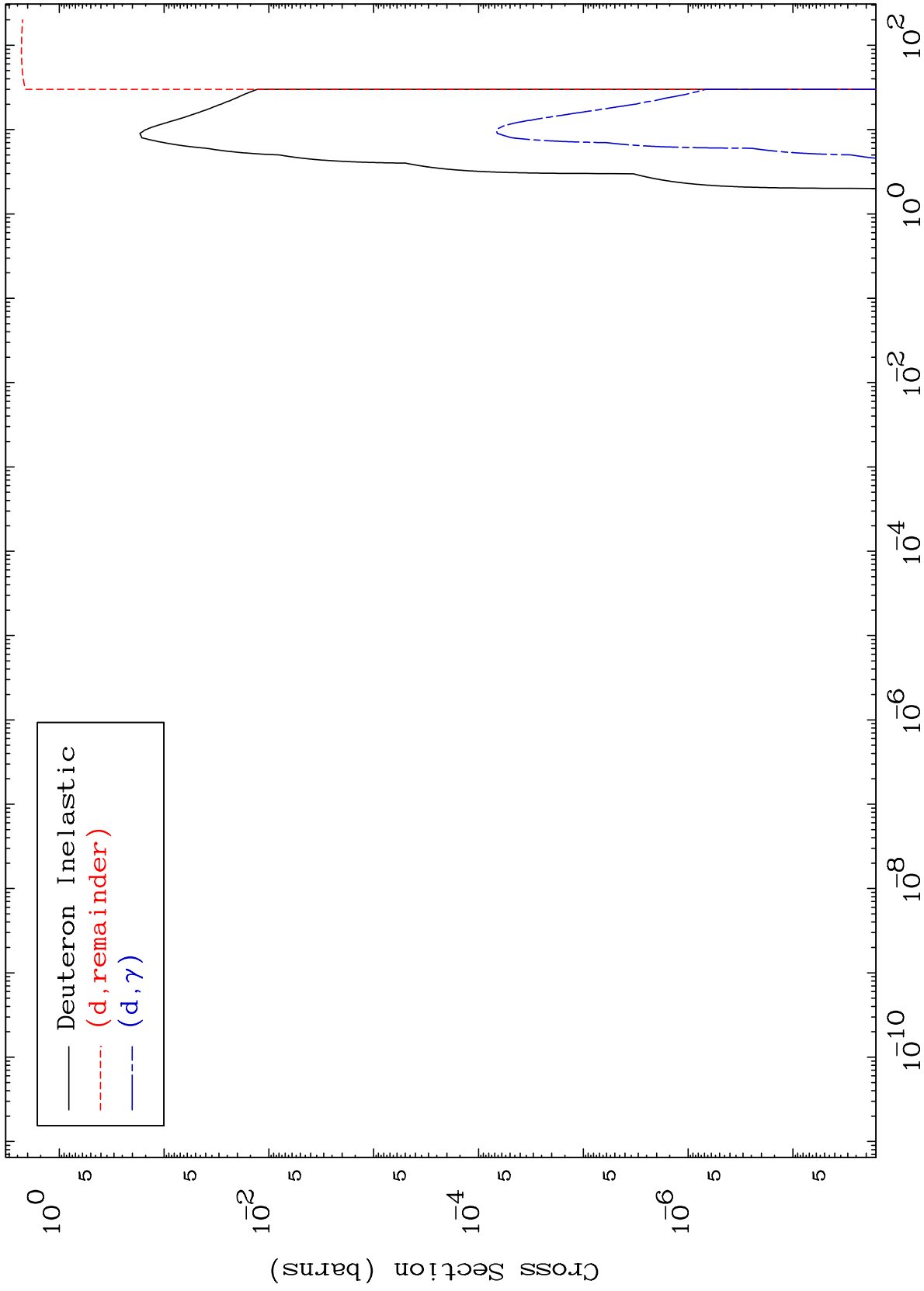
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5041

Deuteron Major  
0 Kelvin Cross Sections

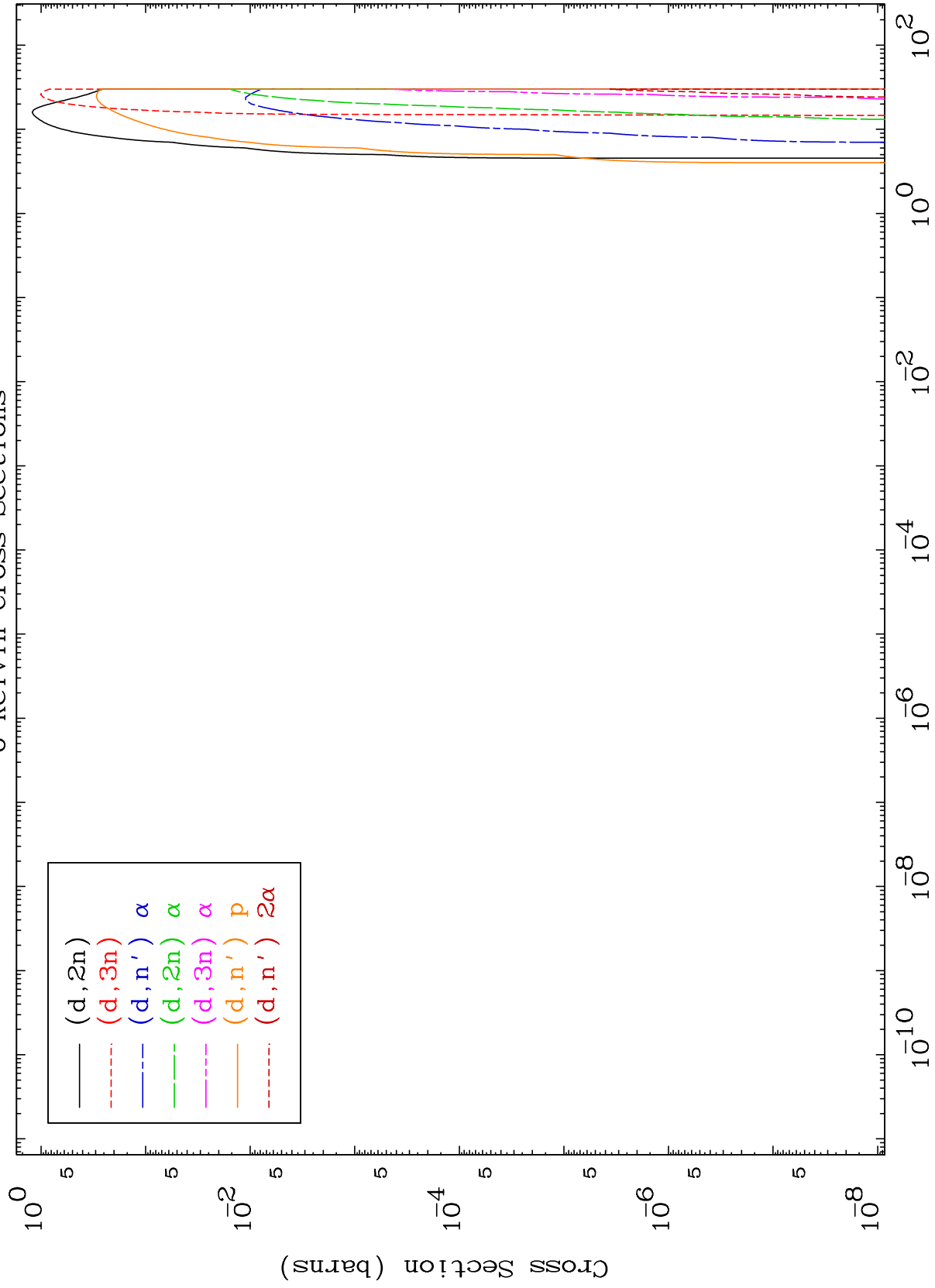
50-Sn-117



MAT 5041

Deuteron Neutron Production  
0 Kelvin Cross Sections

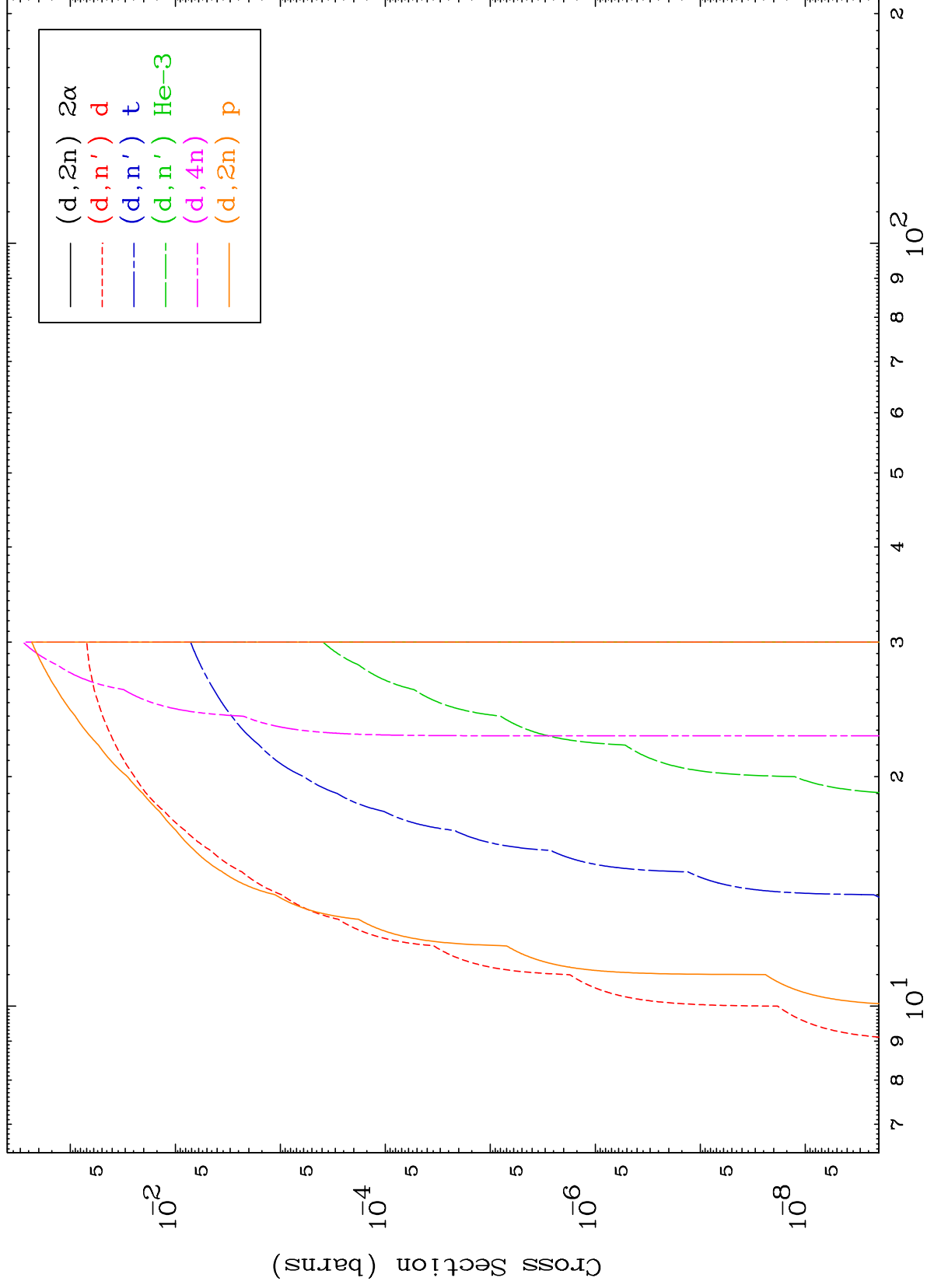
50-Sn-117



2

Incident Energy (MeV)

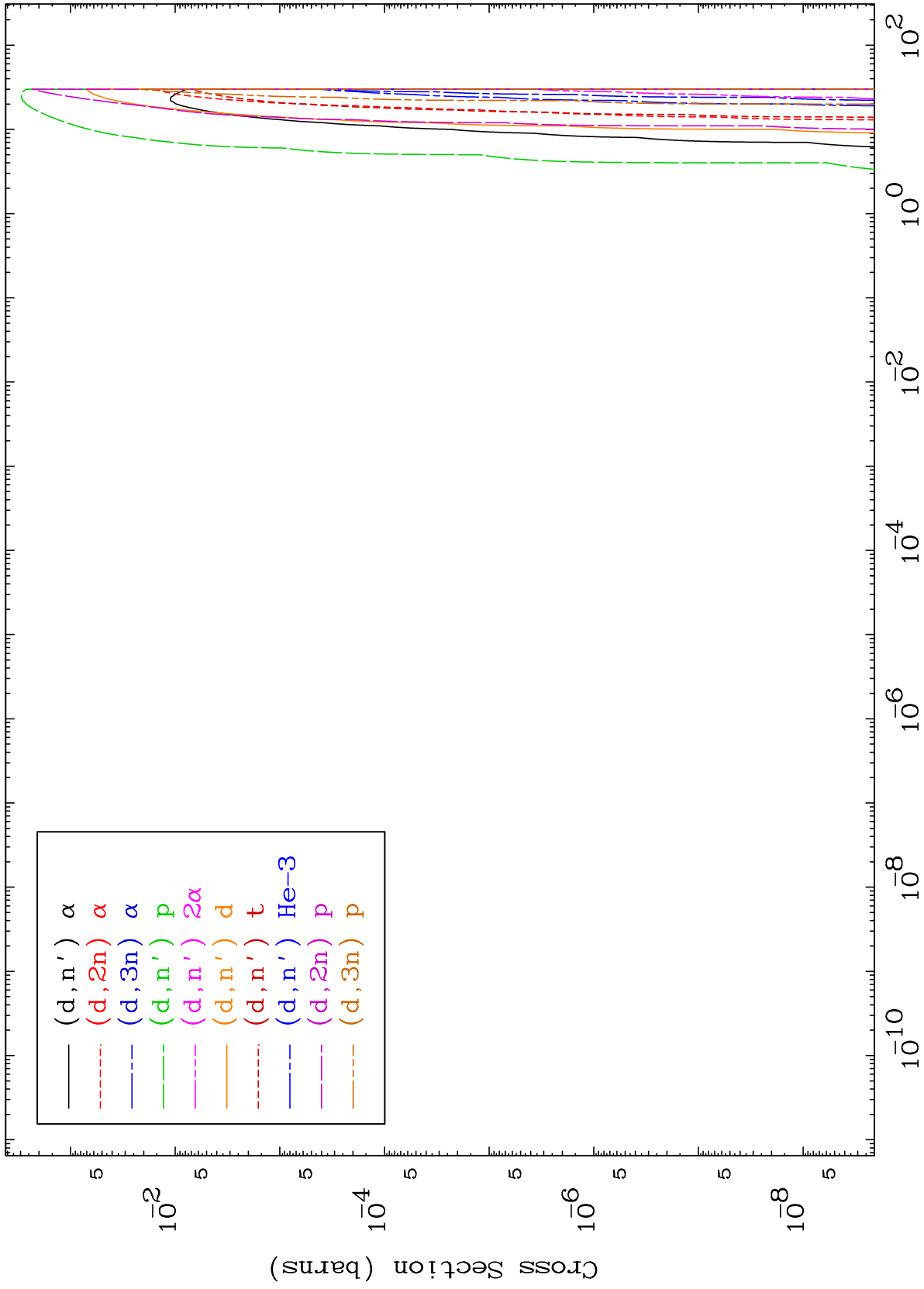
50-Sn-117



MAT 5041

Deuteron Charged Particle  
0 Kelvin Cross Sections

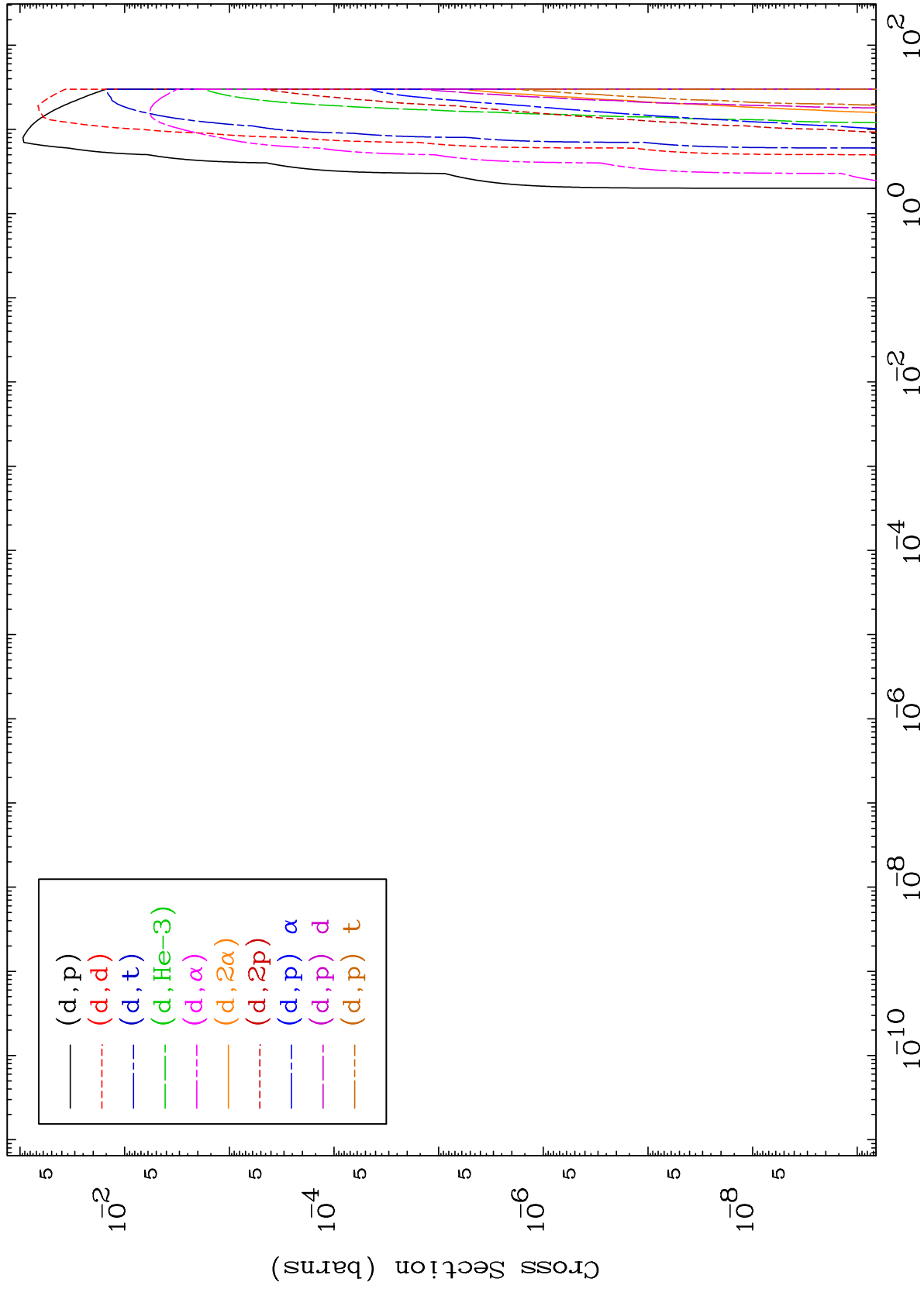
50-Sn-117



MAT 5041

Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-117



5

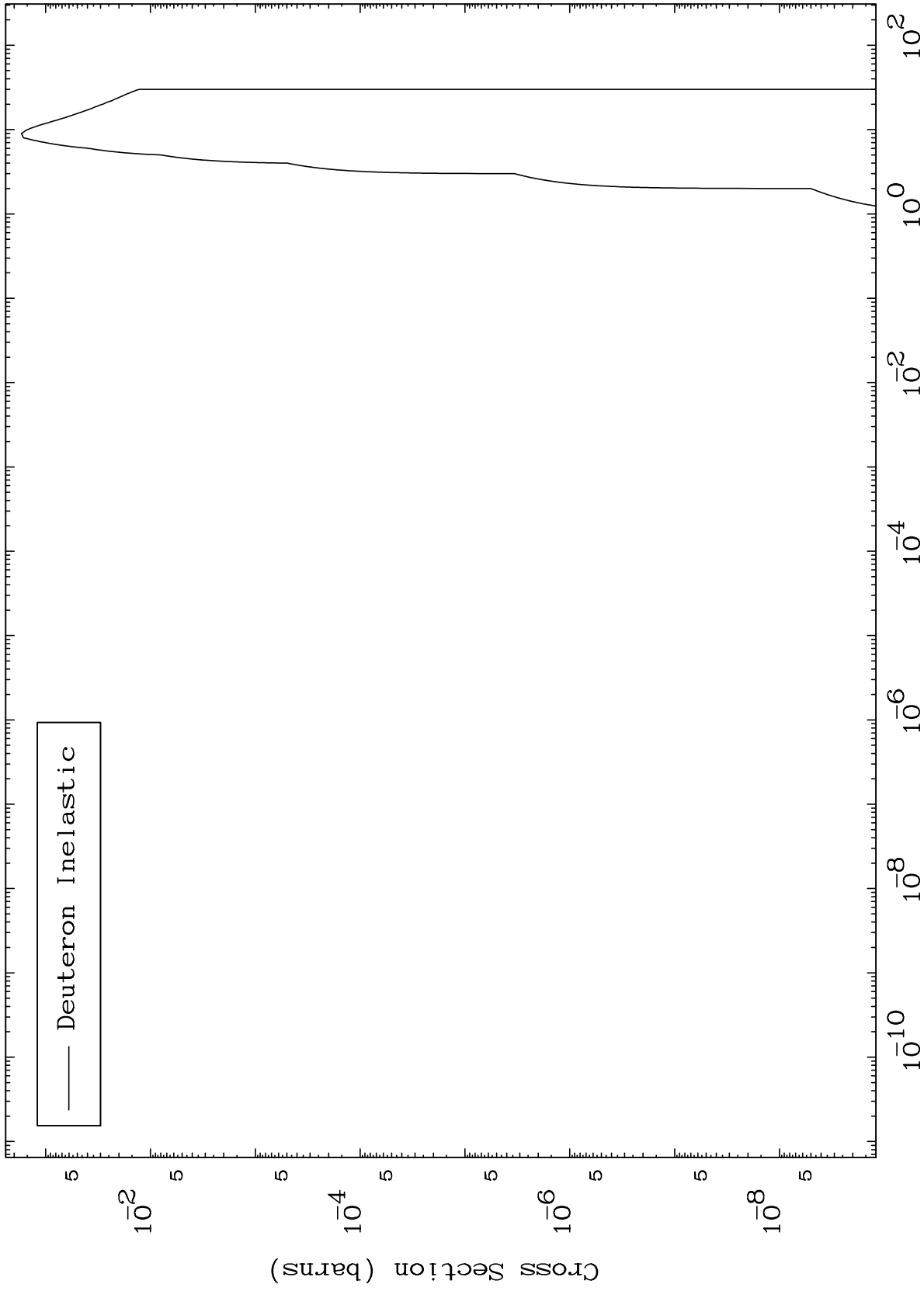
Incident Energy (MeV)

50-Sn-117

MAT 5041

(d,n') Level  
0 Kelvin Cross Sections

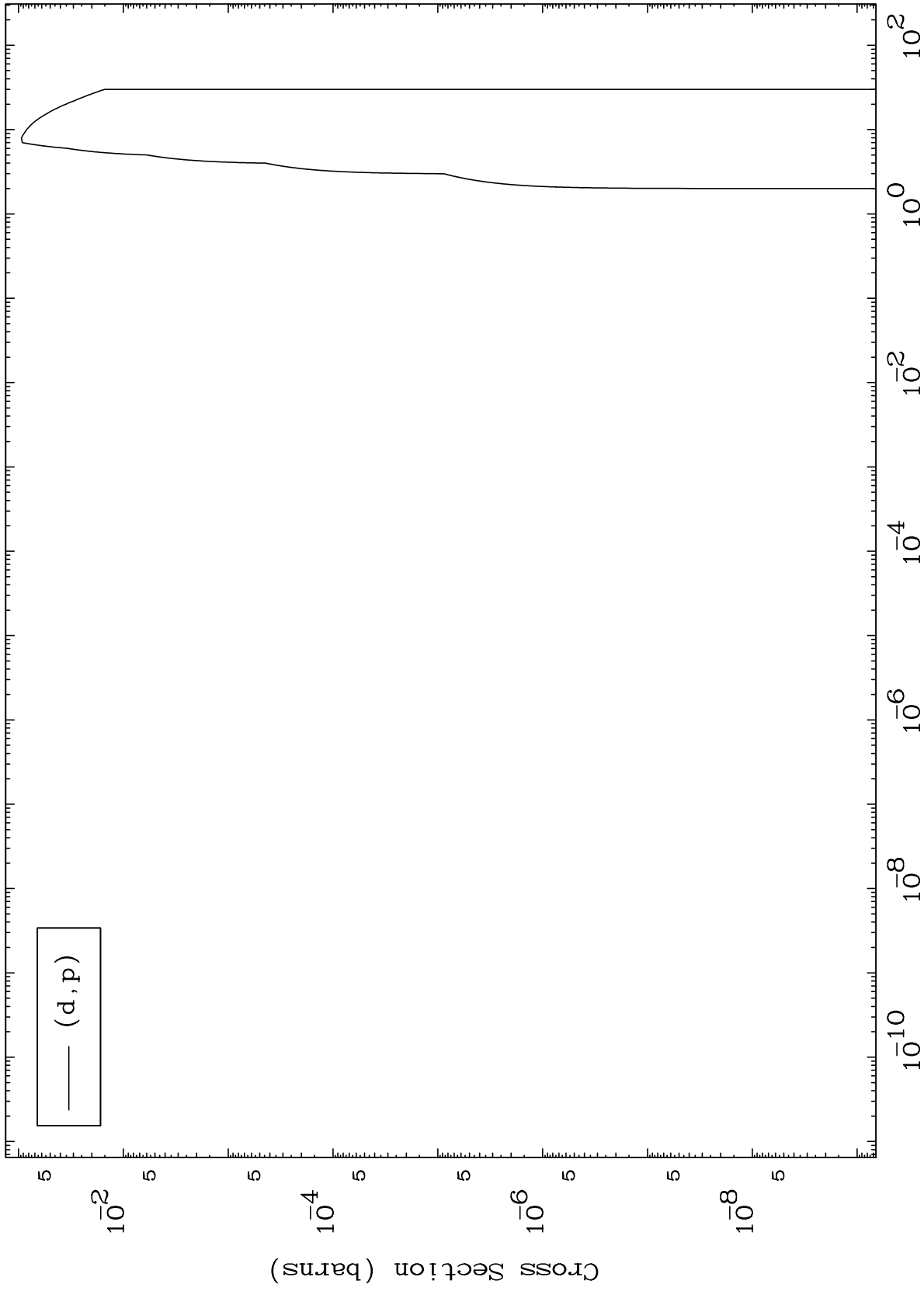
50-Sn-117



MAT 5041

(d,p) Levels  
0 Kelvin Cross Sections

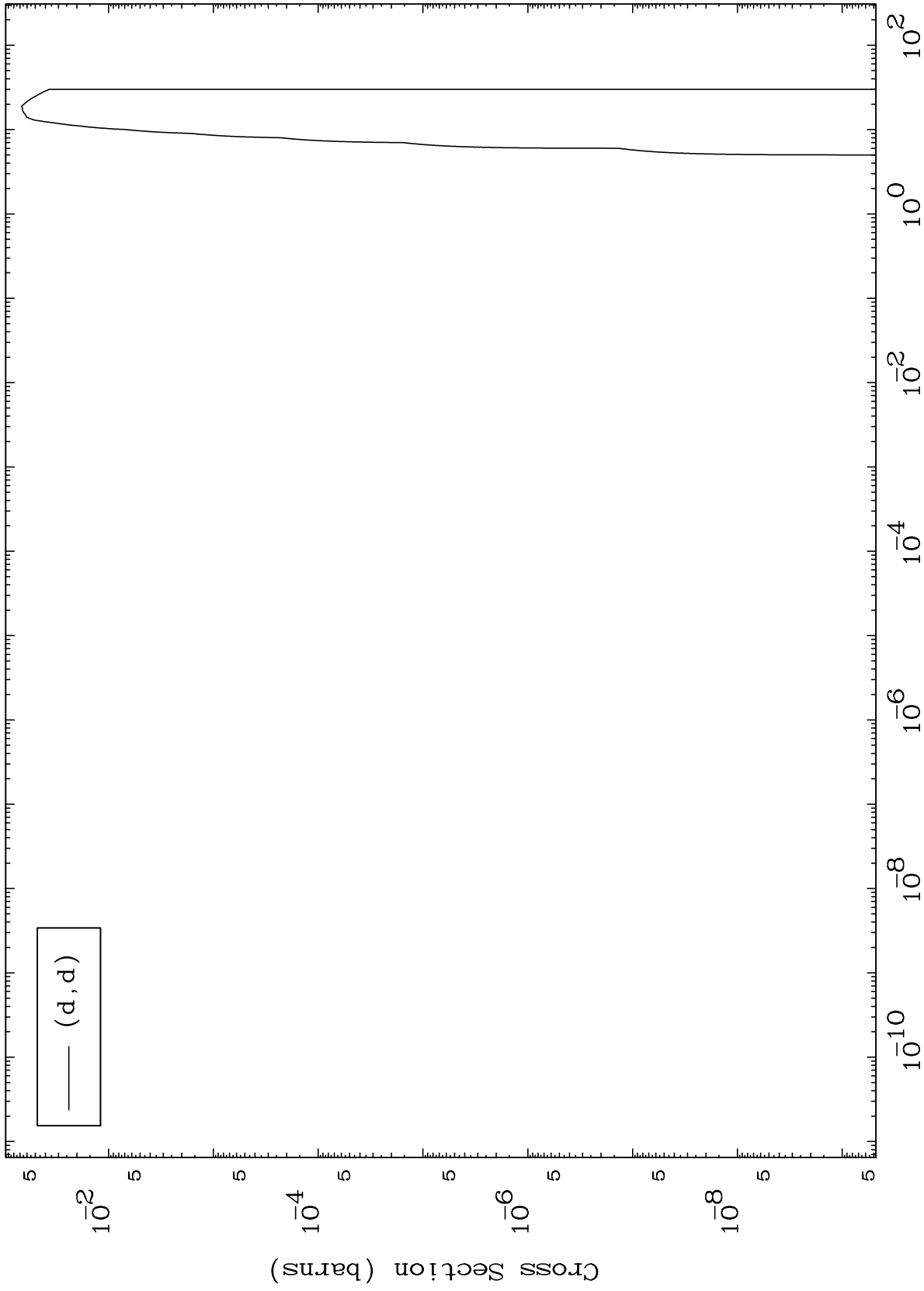
50-Sn-117



MAT 5041

(d,d) Levels  
0 Kelvin Cross Sections

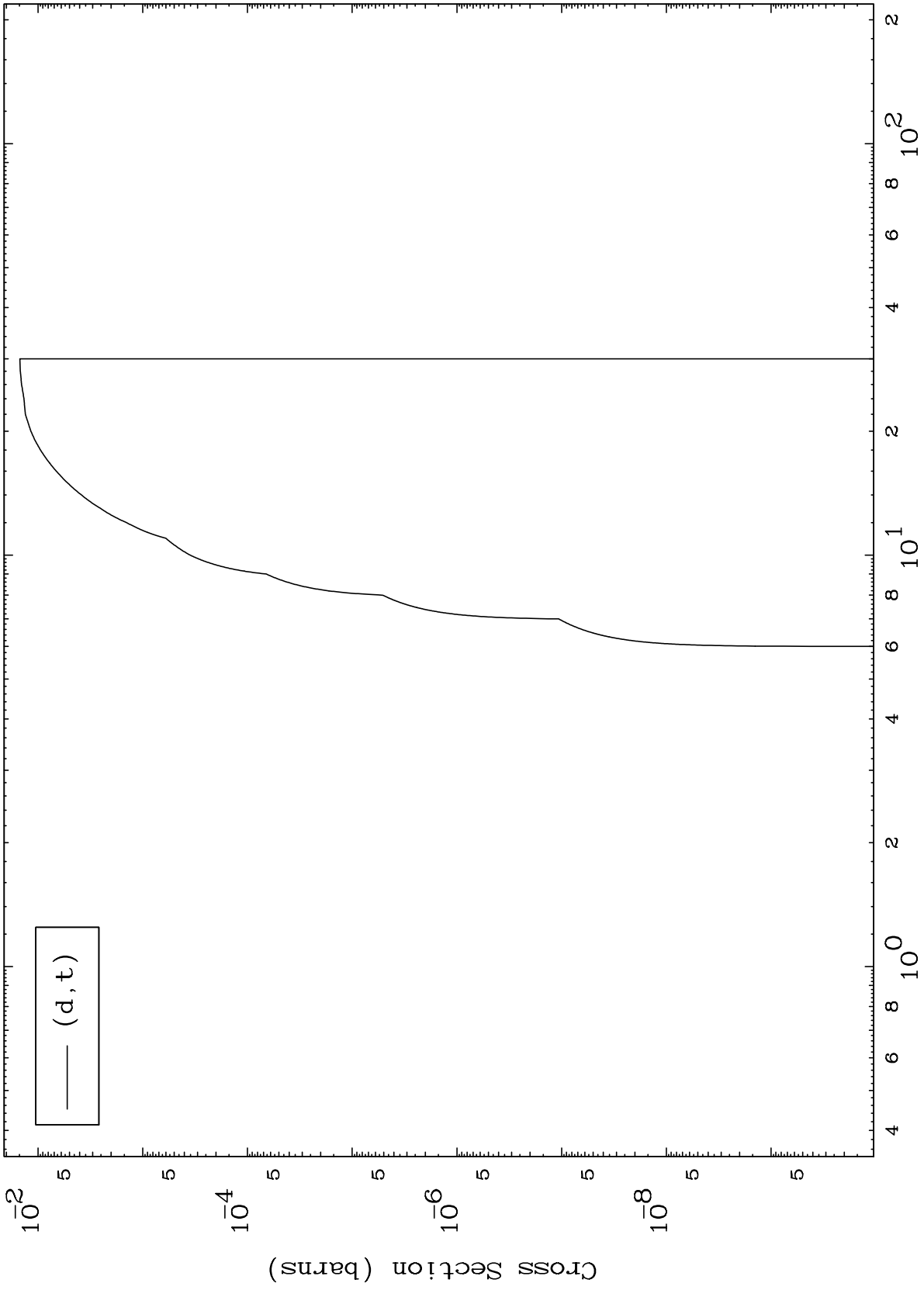
50-Sn-117



MAT 5041

(d,t) Levels  
0 Kelvin Cross Sections

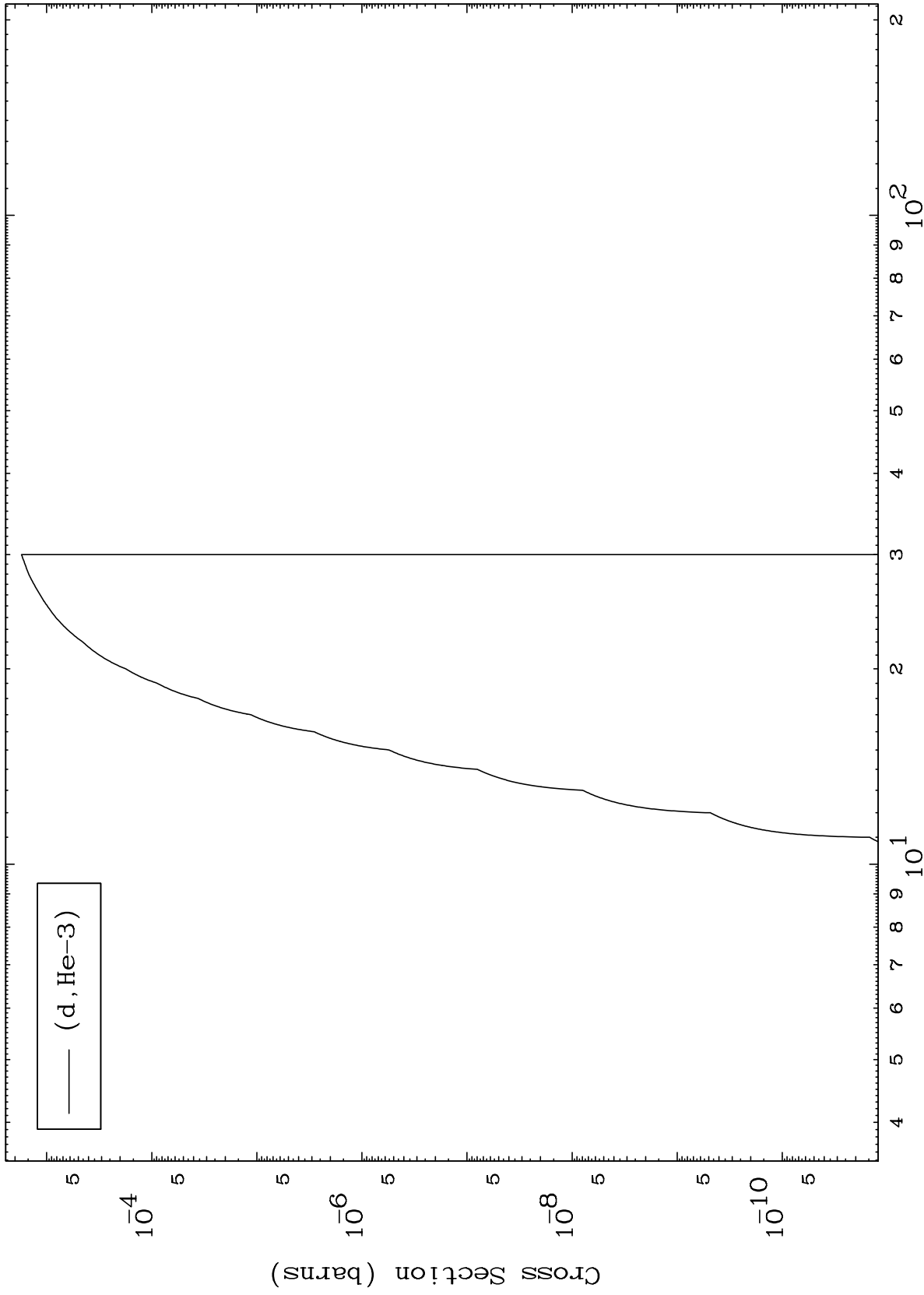
50-Sn-117



MAT 5041

(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-117



— (d, He-3)

10

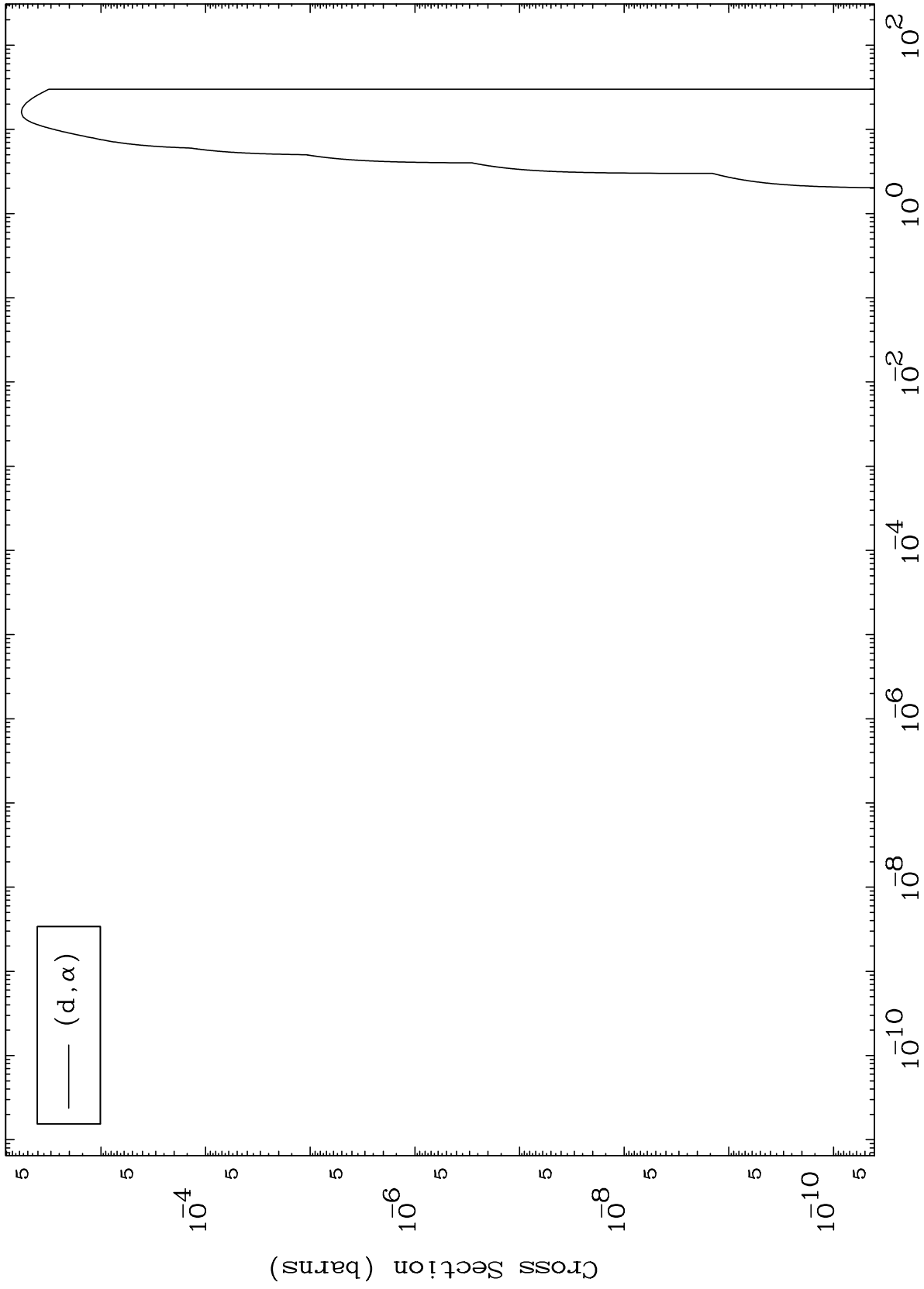
Incident Energy (MeV)

50-Sn-117

MAT 5041

(d,α) Levels  
0 Kelvin Cross Sections

50-Sn-117



11

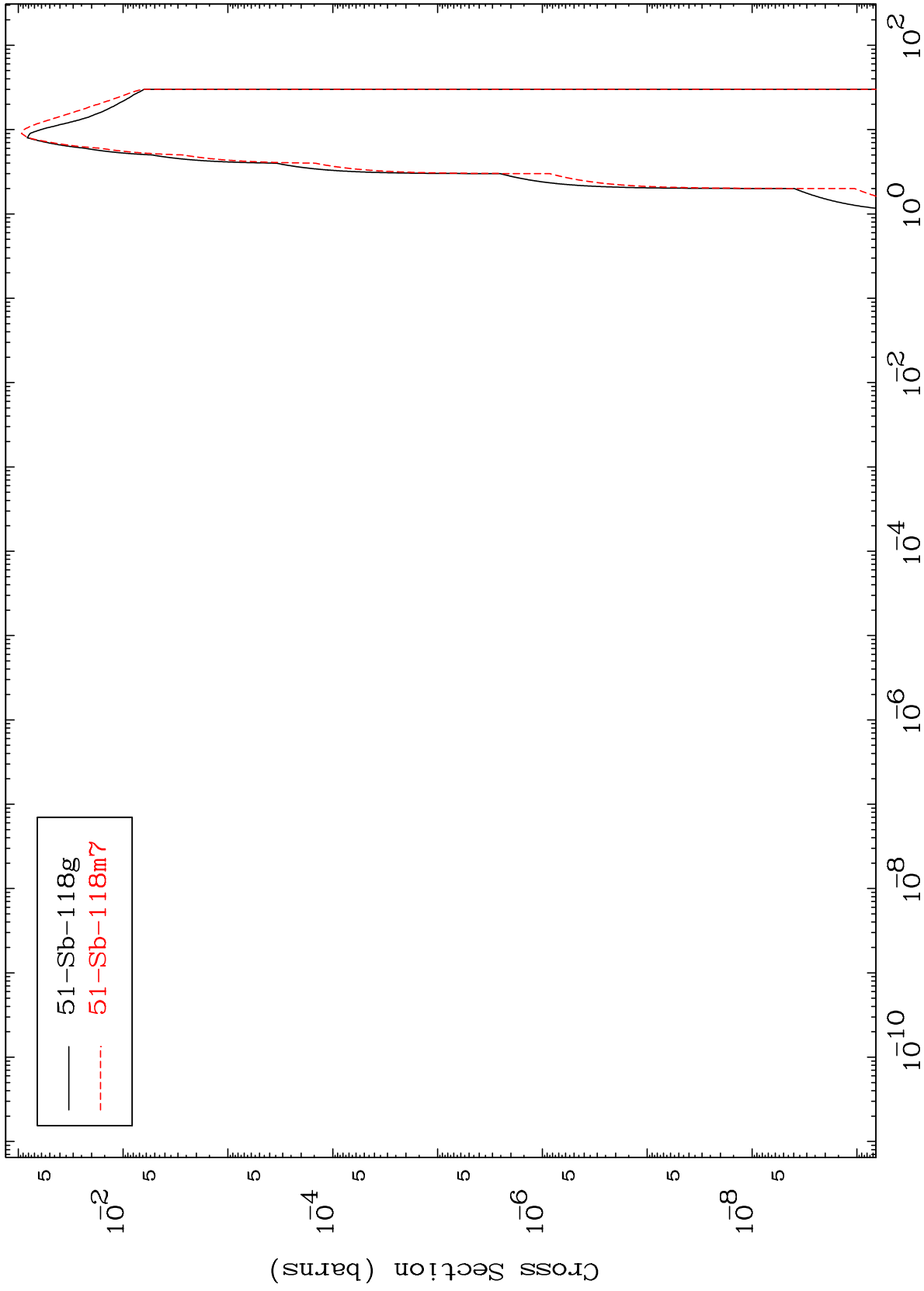
Incident Energy (MeV)

50-Sn-117

MAT 5041

Deuteron Inelastic  
Radionuclide Production Cross Section

50-Sn-117



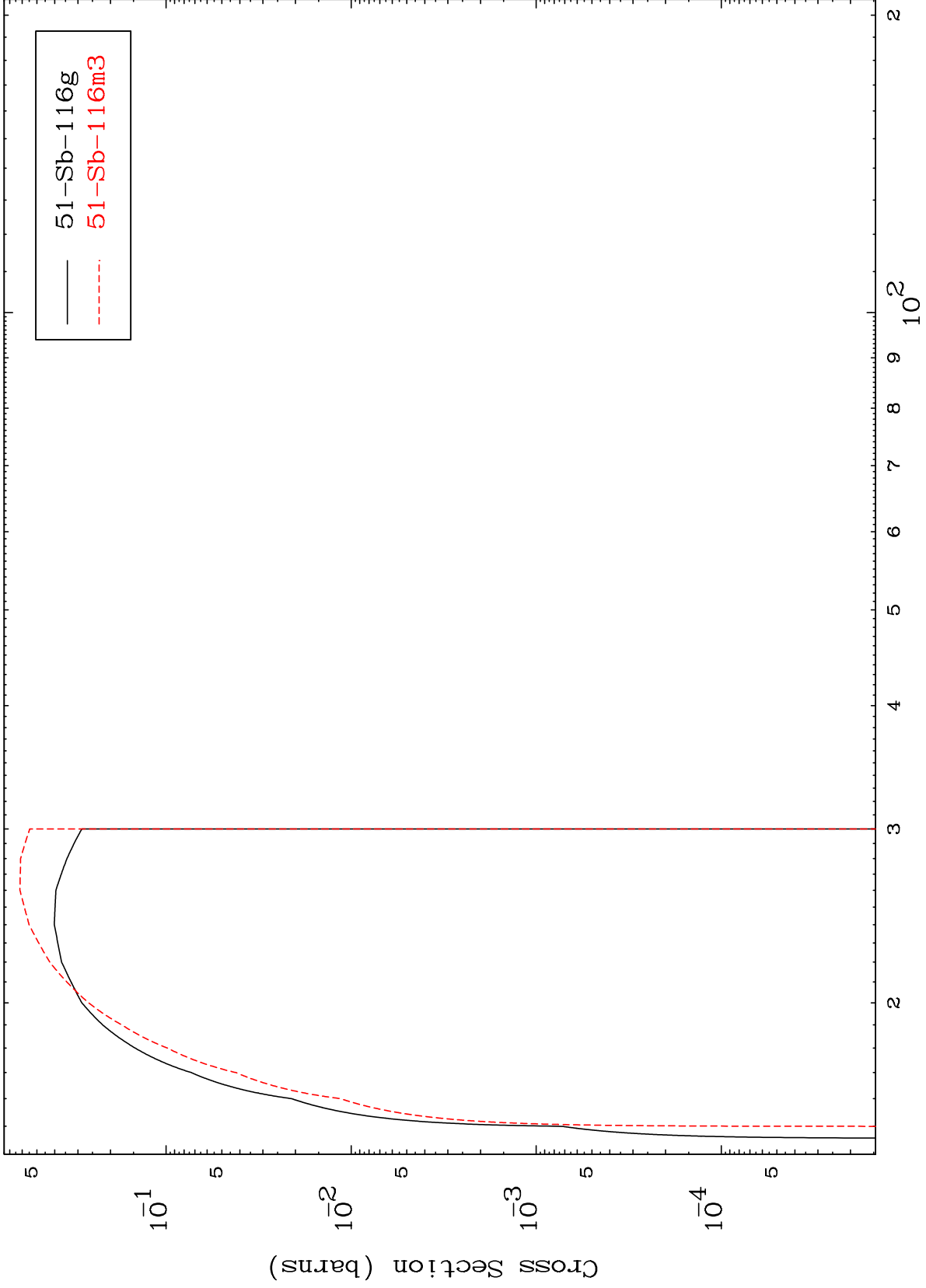
50-Sn-117

MAT 5041

(d,3n)

50-Sn-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

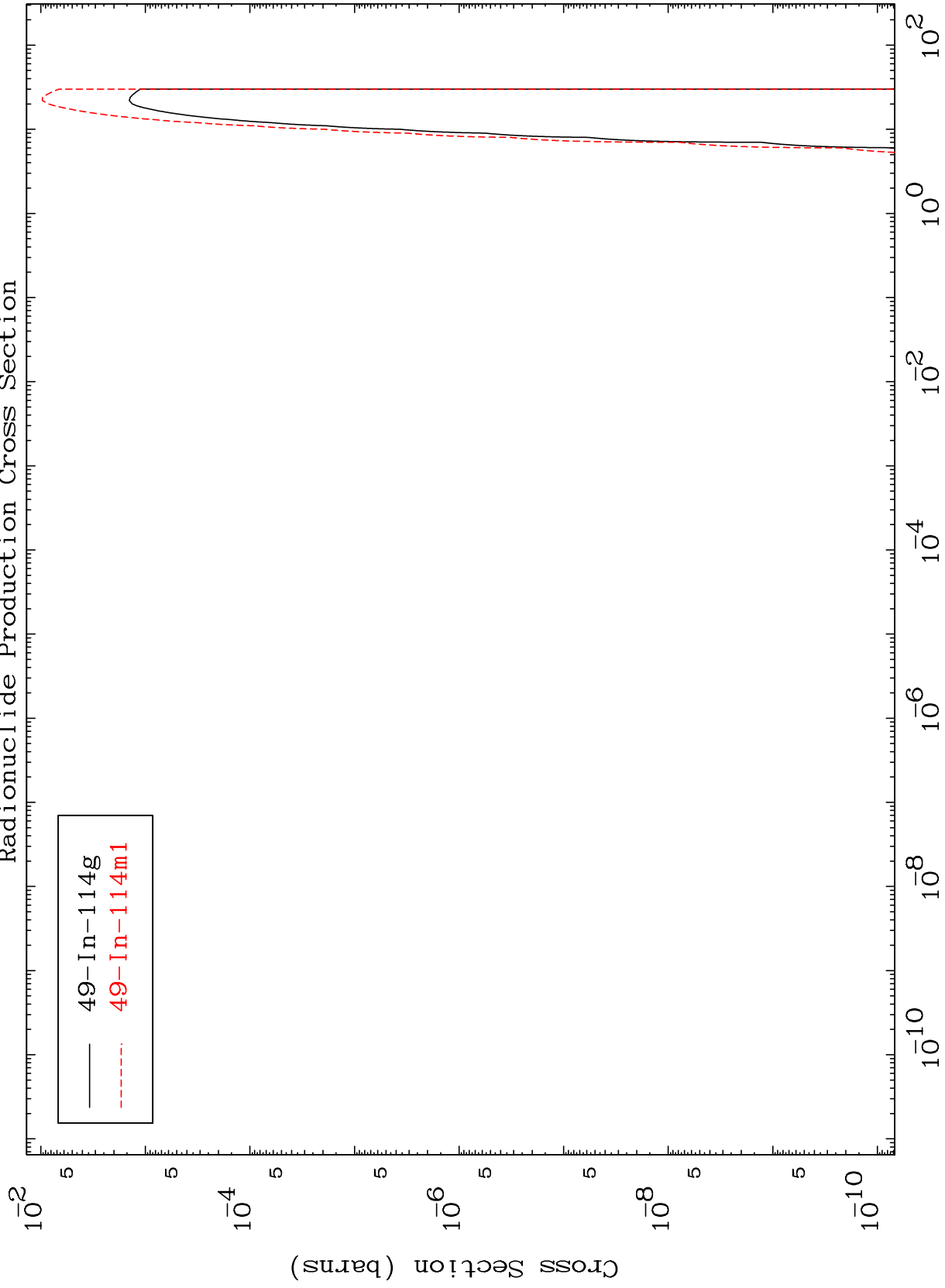
50-Sn-117

MAT 5041

(d,n')  $\alpha$

50-Sn-117

Radionuclide Production Cross Section

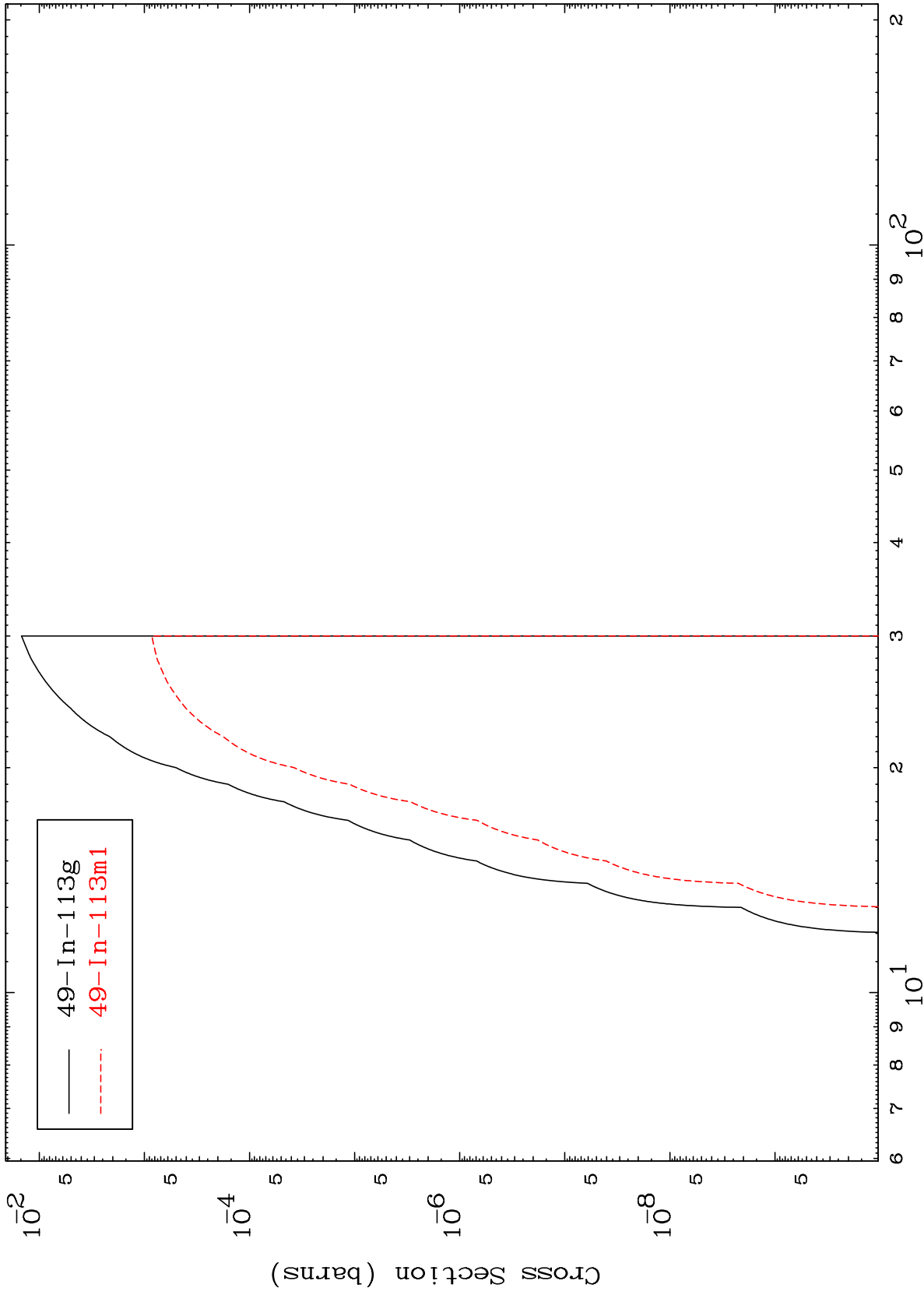


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(d,2n)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



15

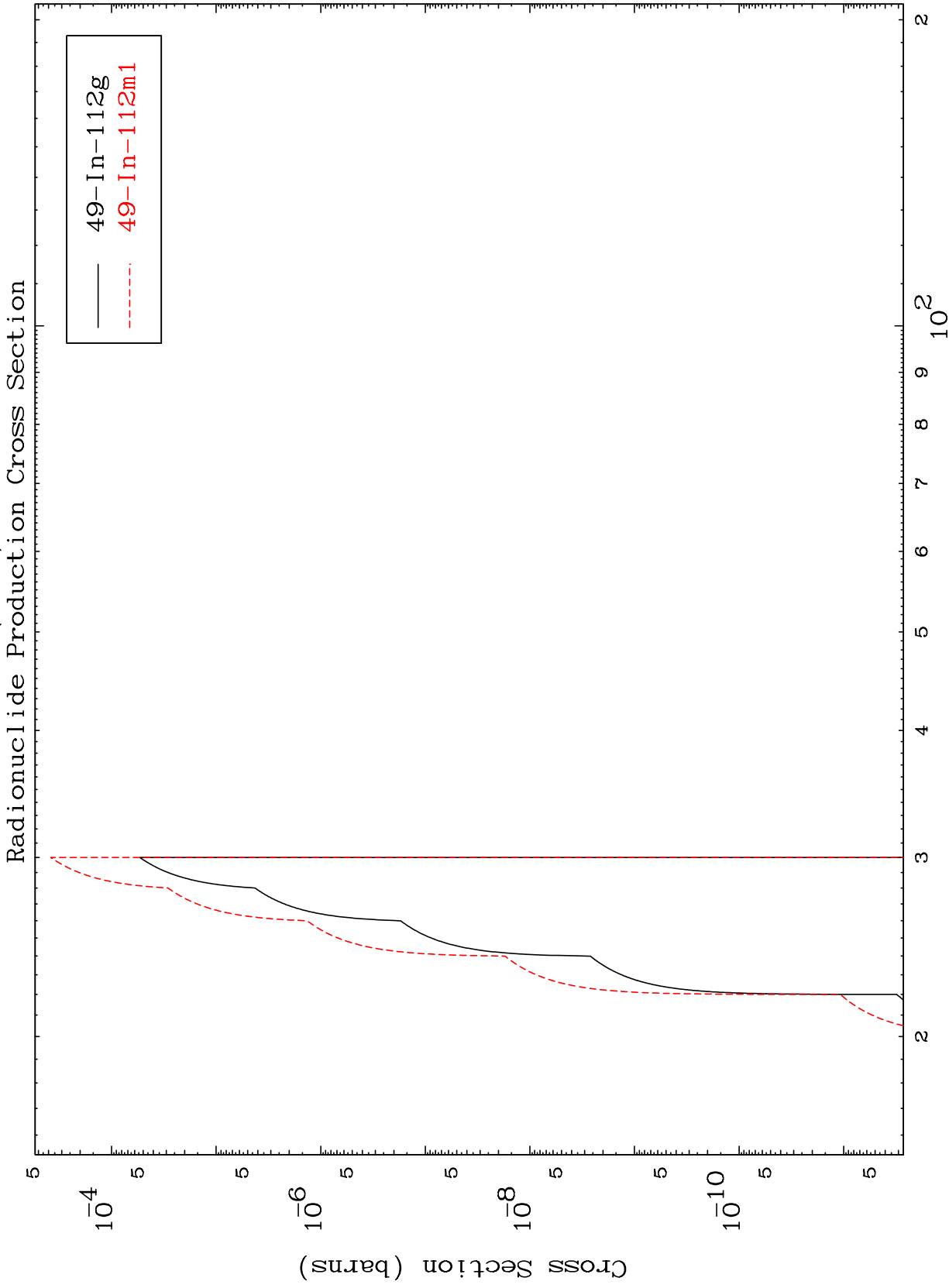
Incident Energy (MeV)

50-Sn-117

MAT 5041

(d,3n)  $\alpha$

50-Sn-117



16

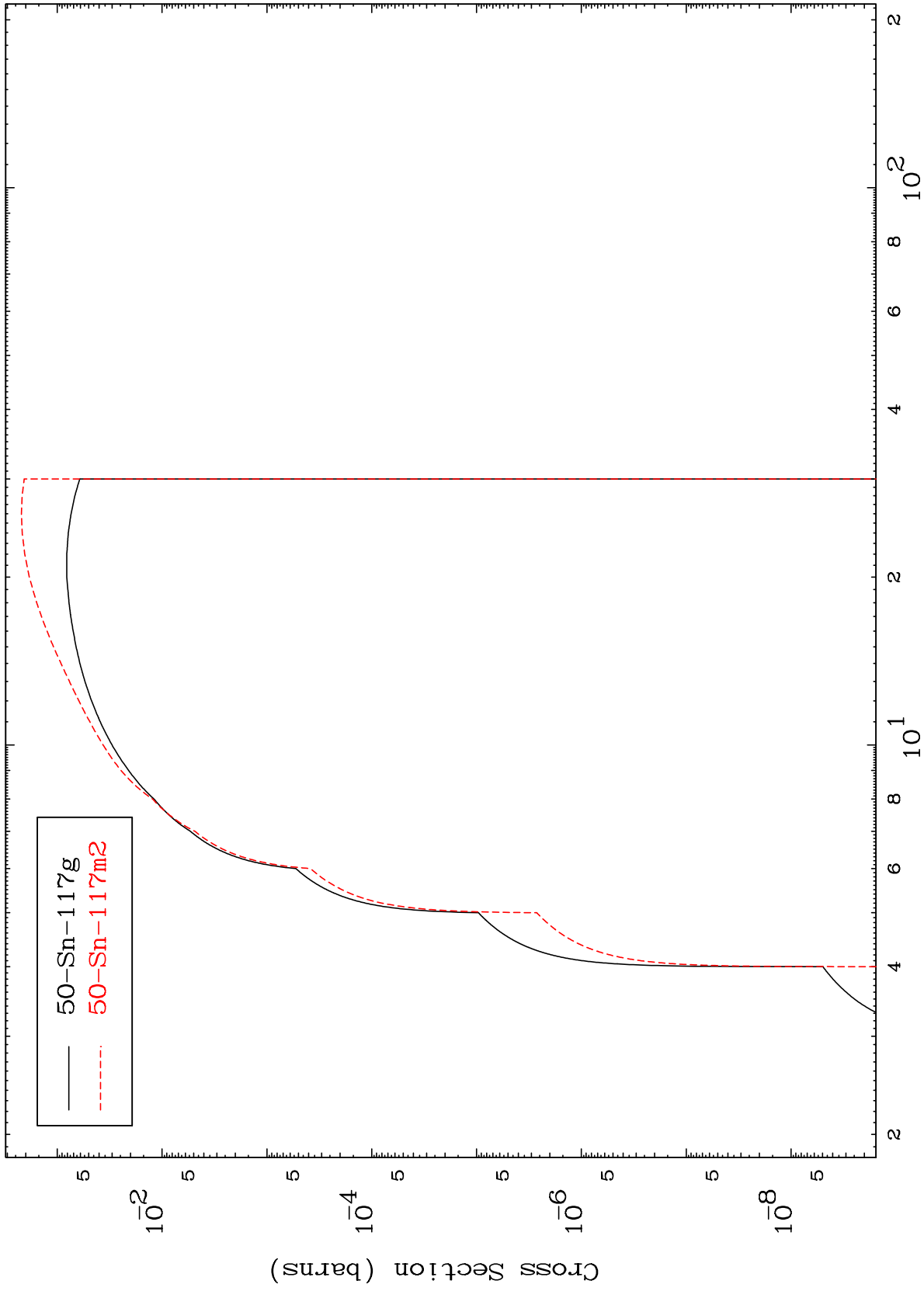
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

(d,n') p  
Radionuclide Production Cross Section



17

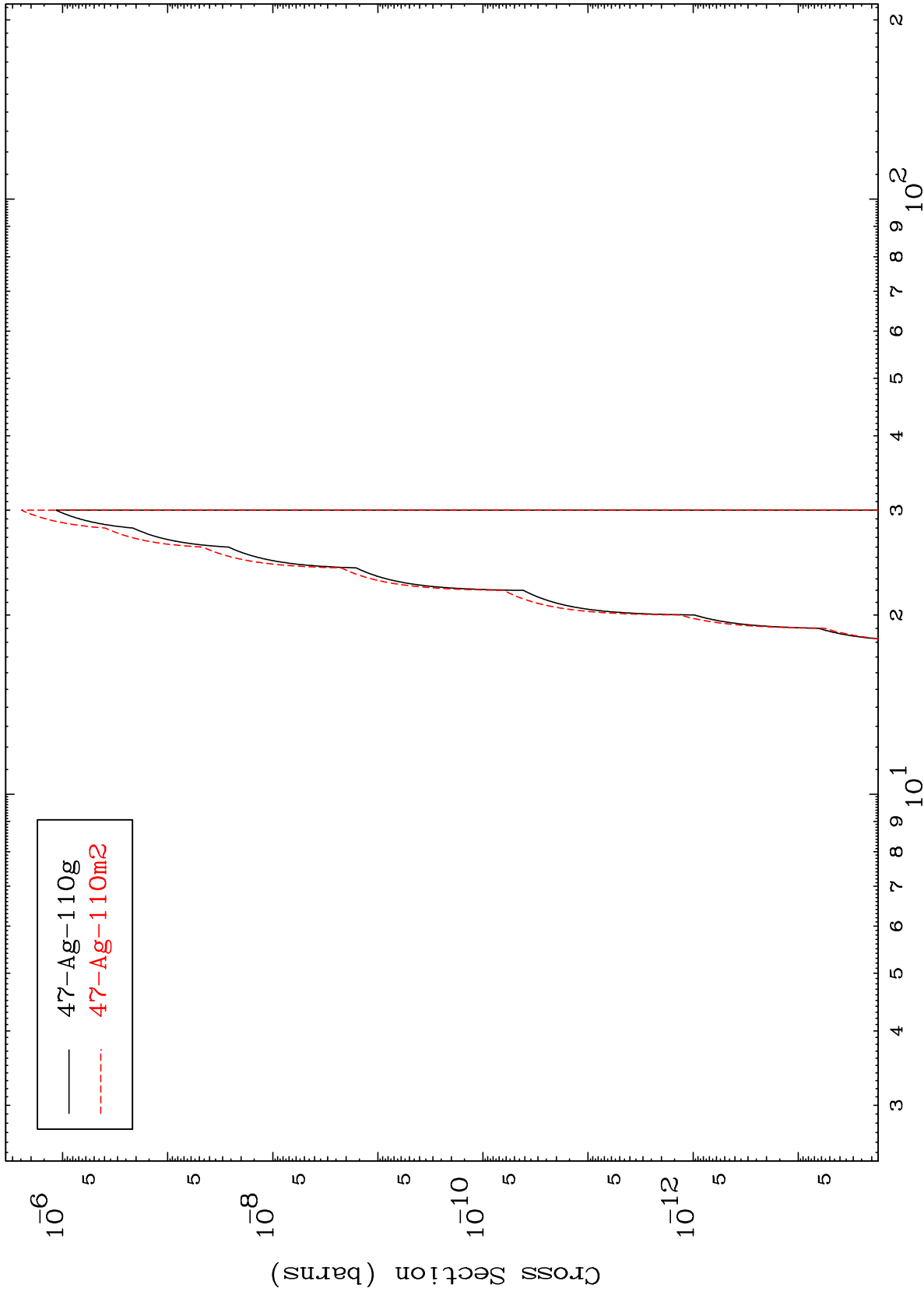
50-Sn-117

MAT 5041

(d,n') 2α

50-Sn-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

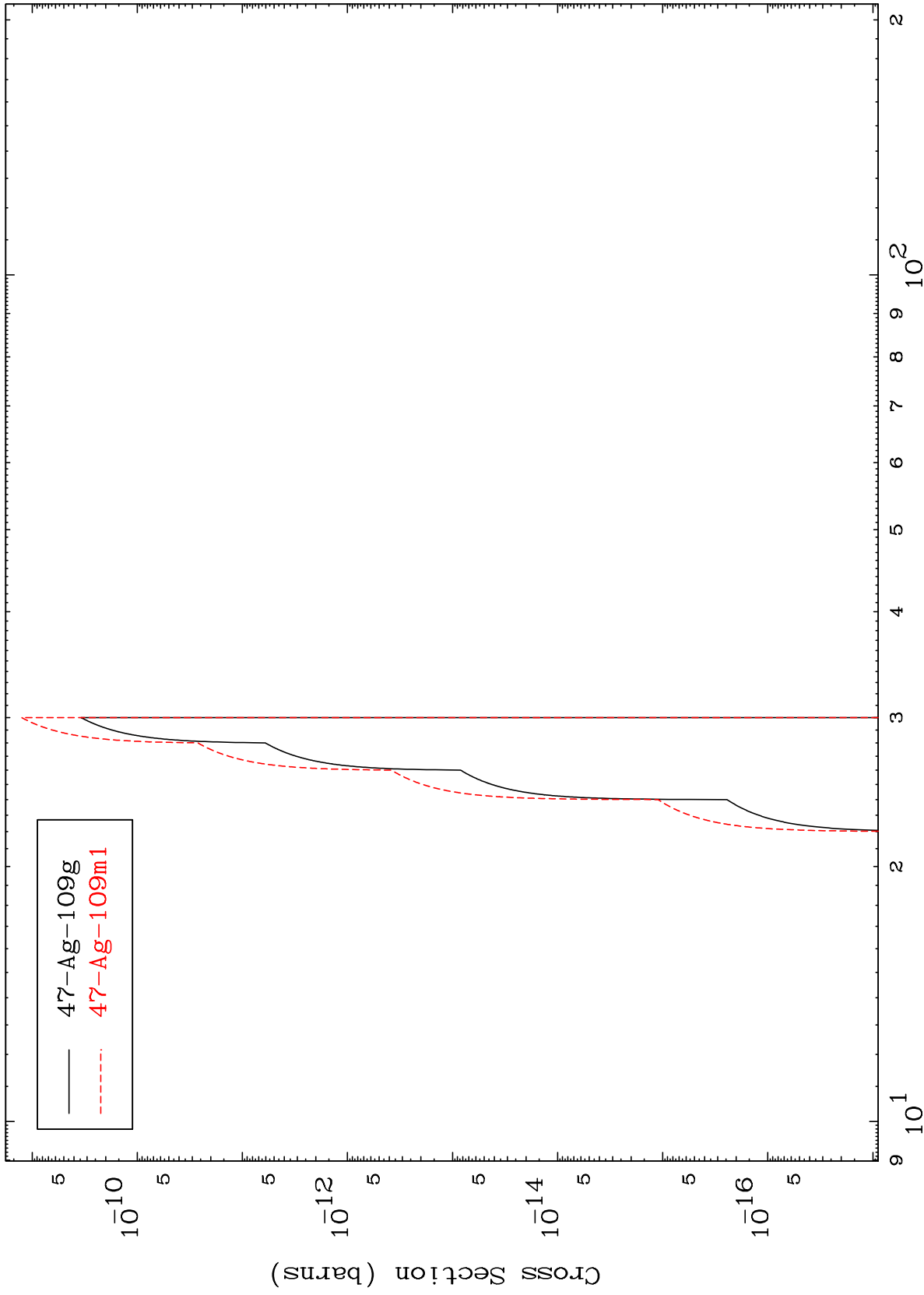
50-Sn-117

MAT 5041

(d,2n) 2 $\alpha$

50-Sn-117

Radionuclide Production Cross Section



19

Incident Energy (MeV)

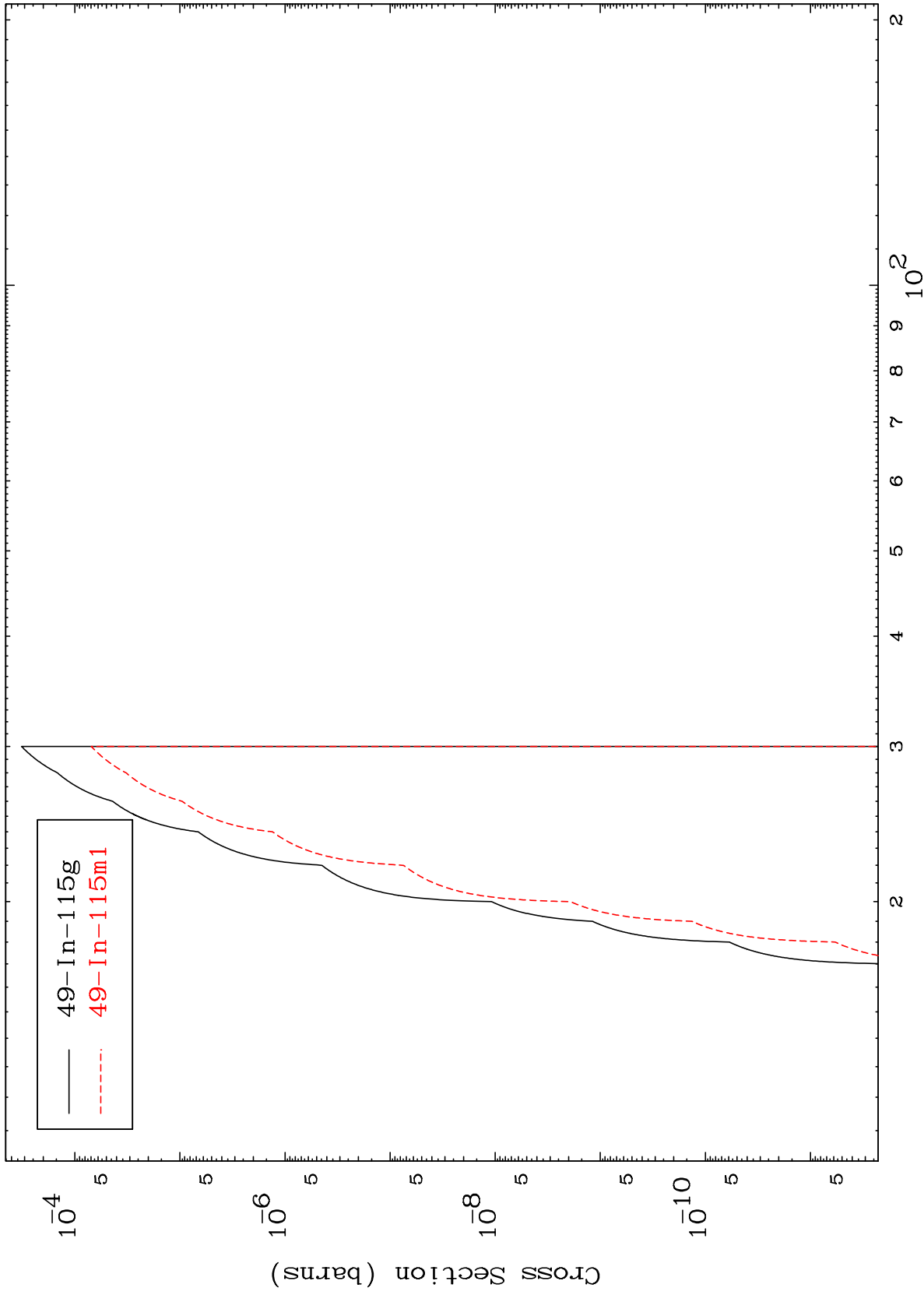
50-Sn-117

MAT 5041

(d, n') He-3

50-Sn-117

Radionuclide Production Cross Section



20

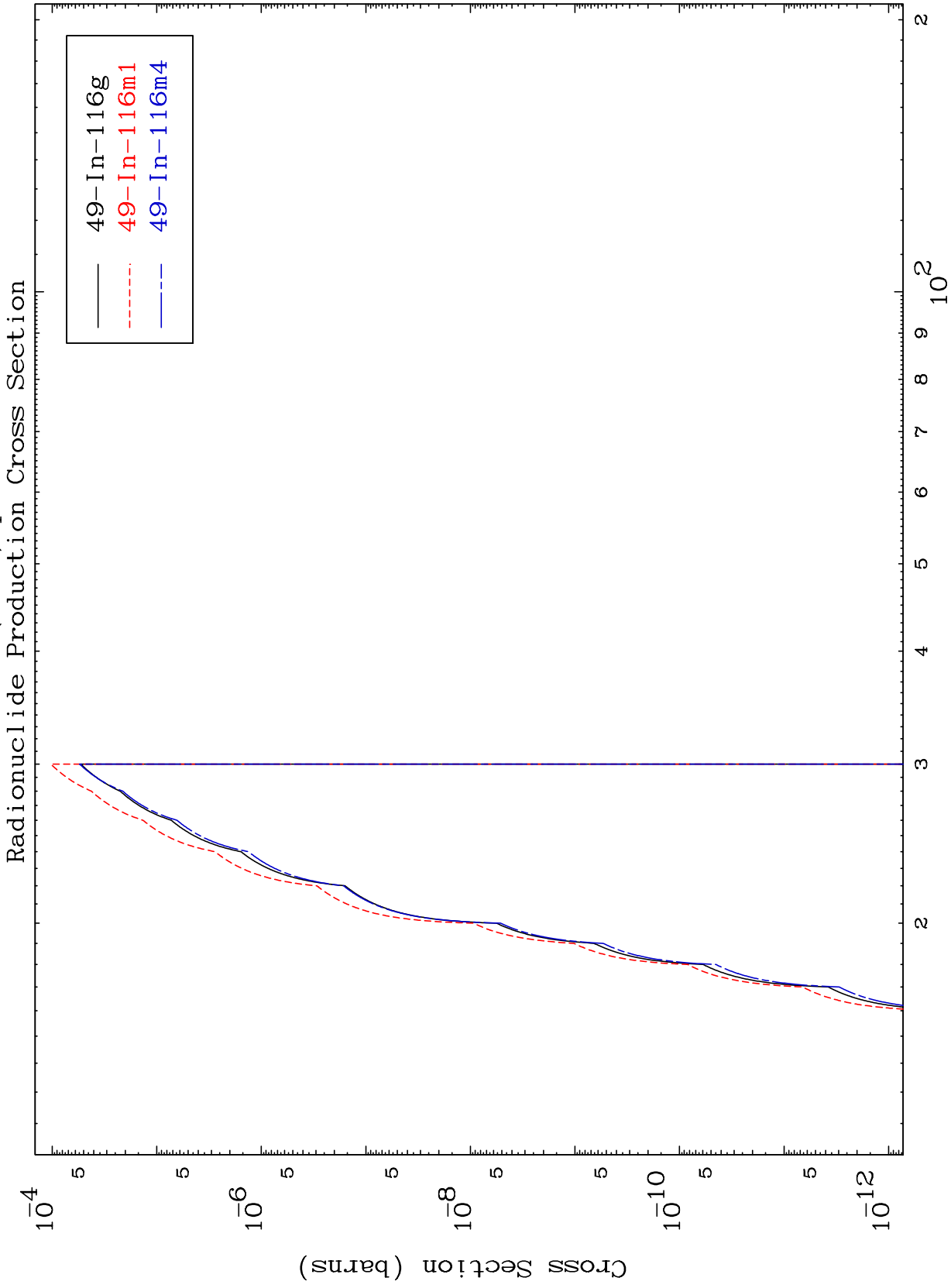
Incident Energy (MeV)

50-Sn-117

MAT 5041

(d,2n) p

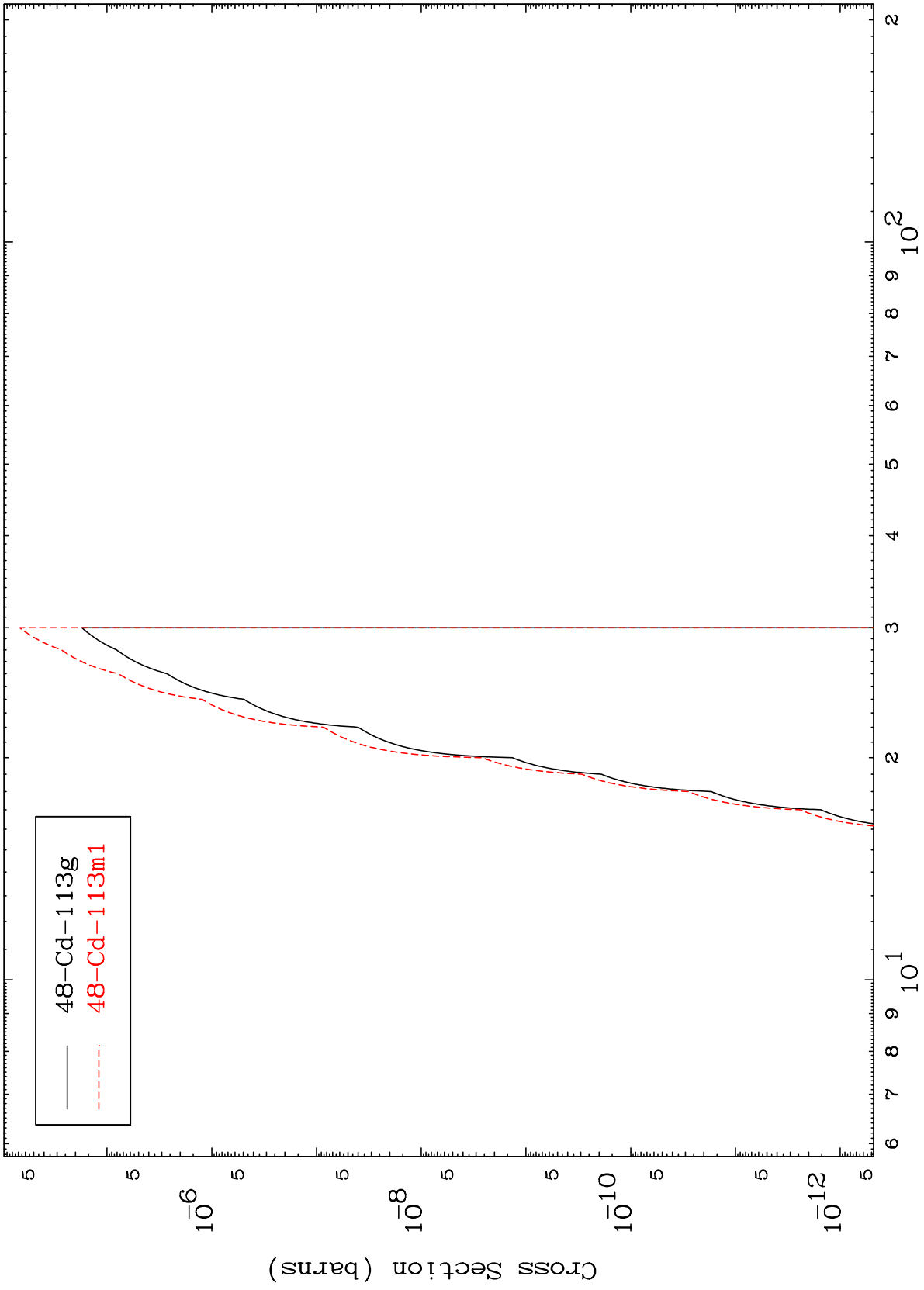
50-Sn-117



MAT 5041

50-Sn-117

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



22

50-Sn-117

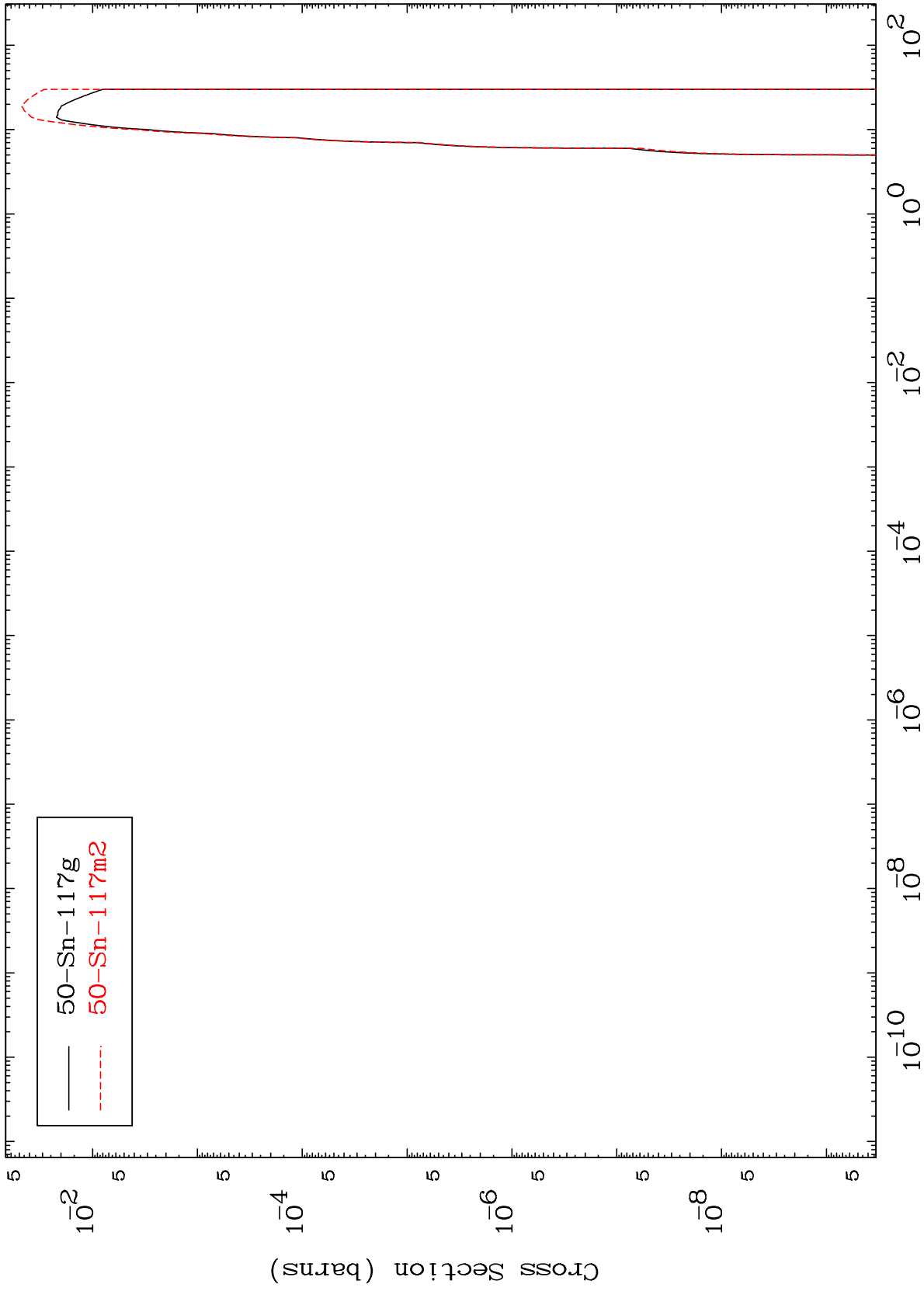
Incident Energy (MeV)

MAT 5041

(d,d)

Radionuclide Production Cross Section

50-Sn-117



23

Incident Energy (MeV)

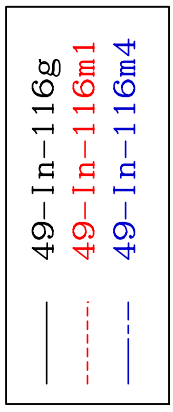
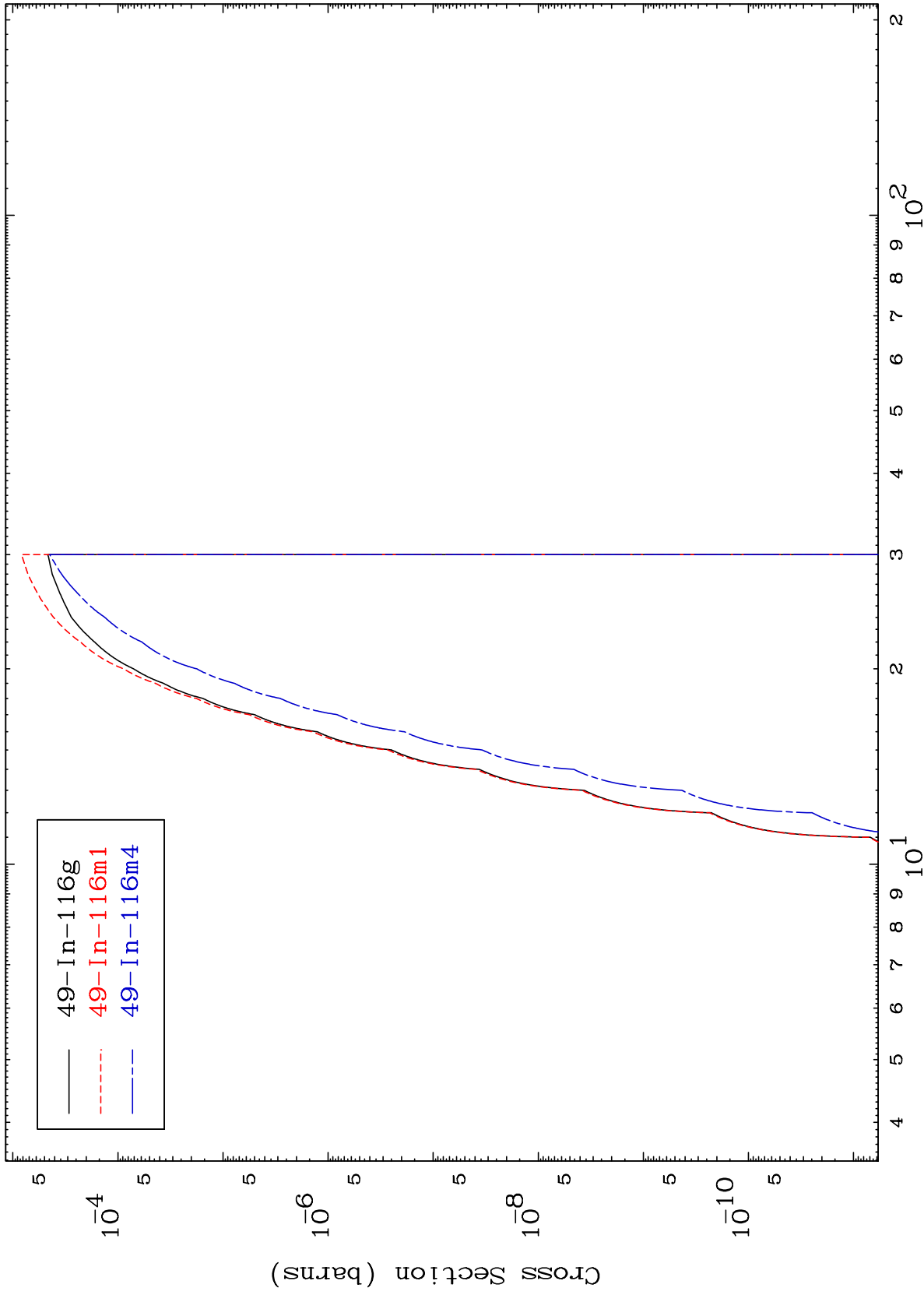
50-Sn-117

MAT 5041

(d,He-3)

50-Sn-117

Radionuclide Production Cross Section



24

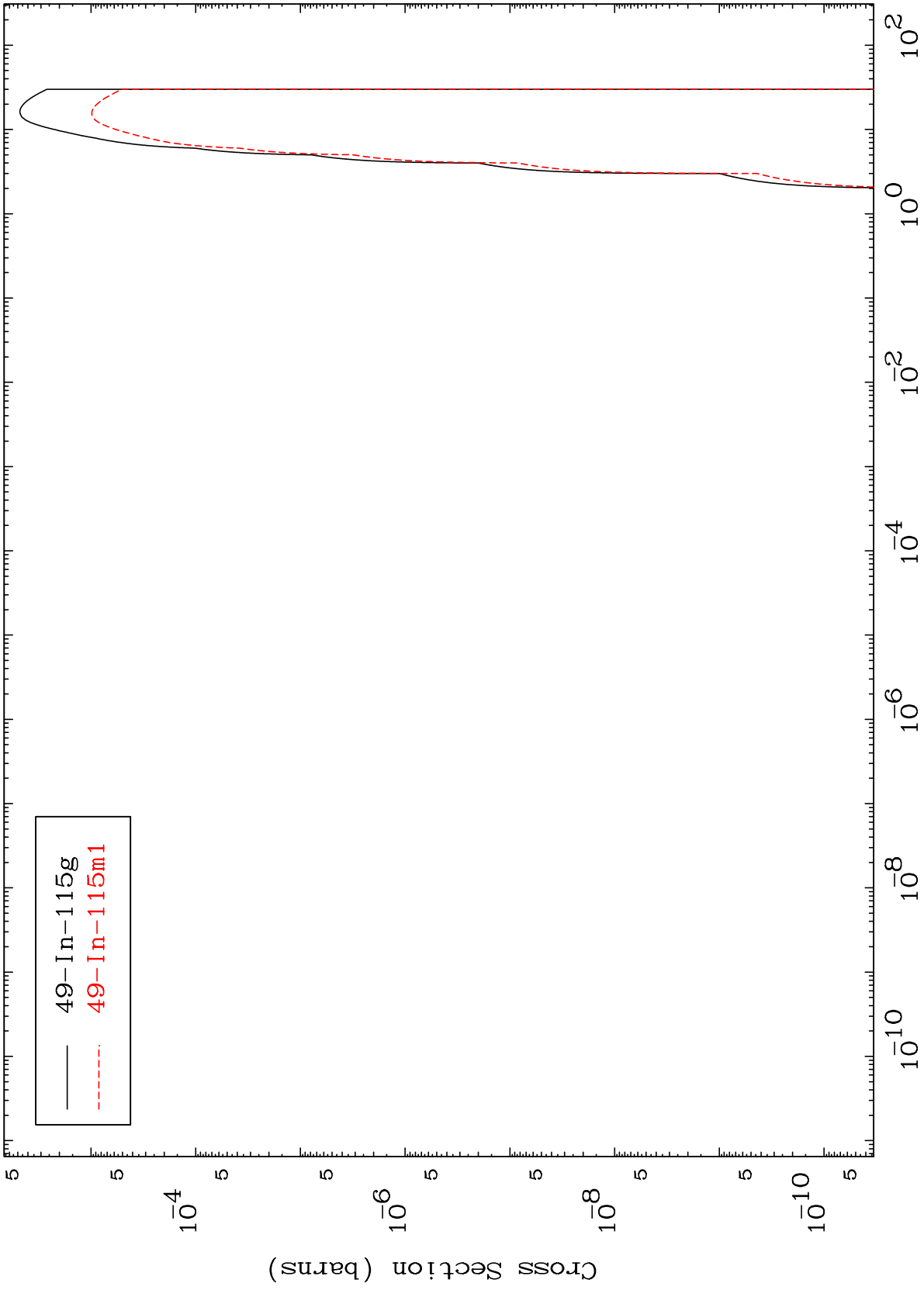
Incident Energy (MeV)

50-Sn-117

MAT 5041

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

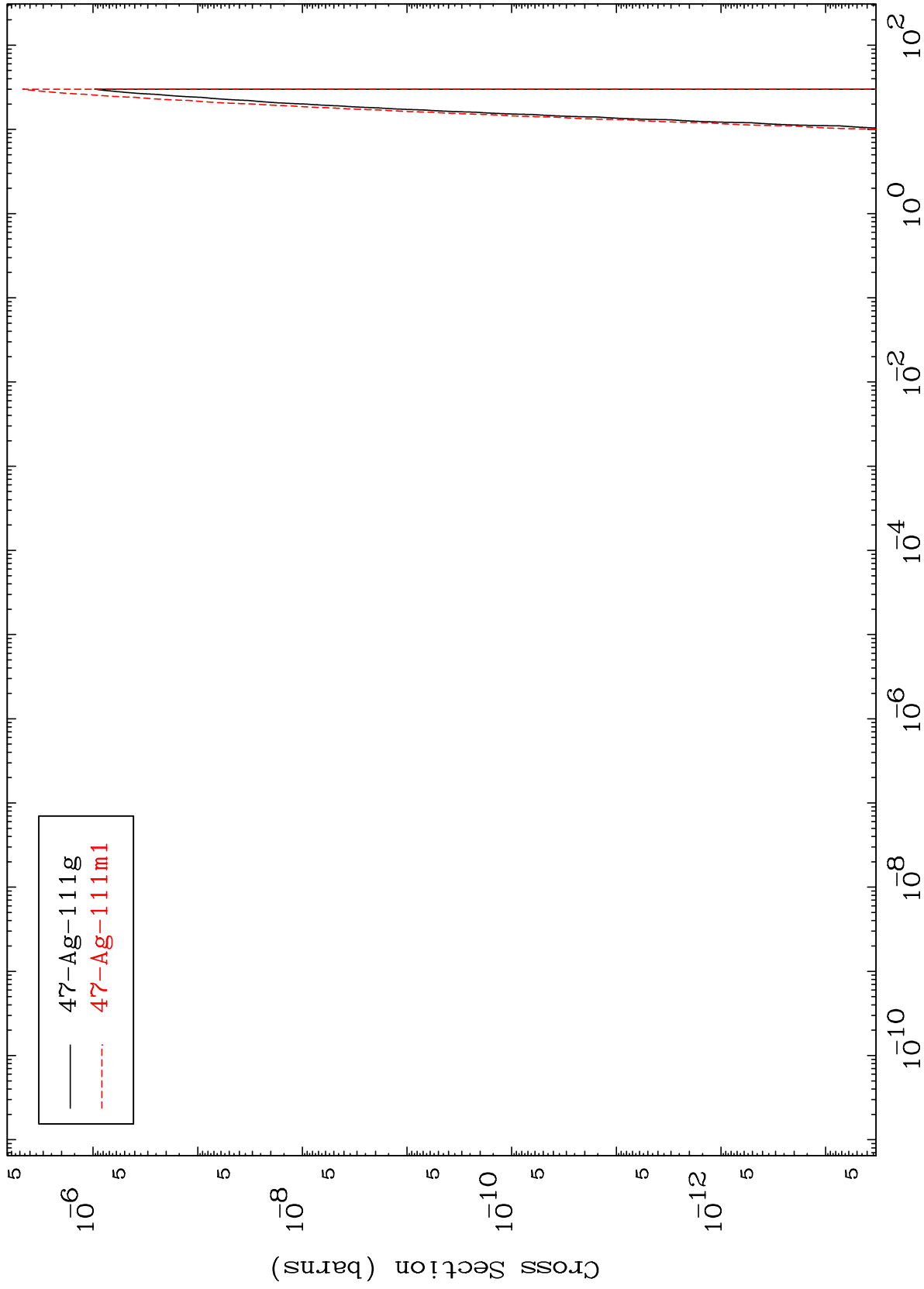
50-Sn-117



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Radionuclide Production Cross Section  
(d,2 $\alpha$ )

50-Sn-117

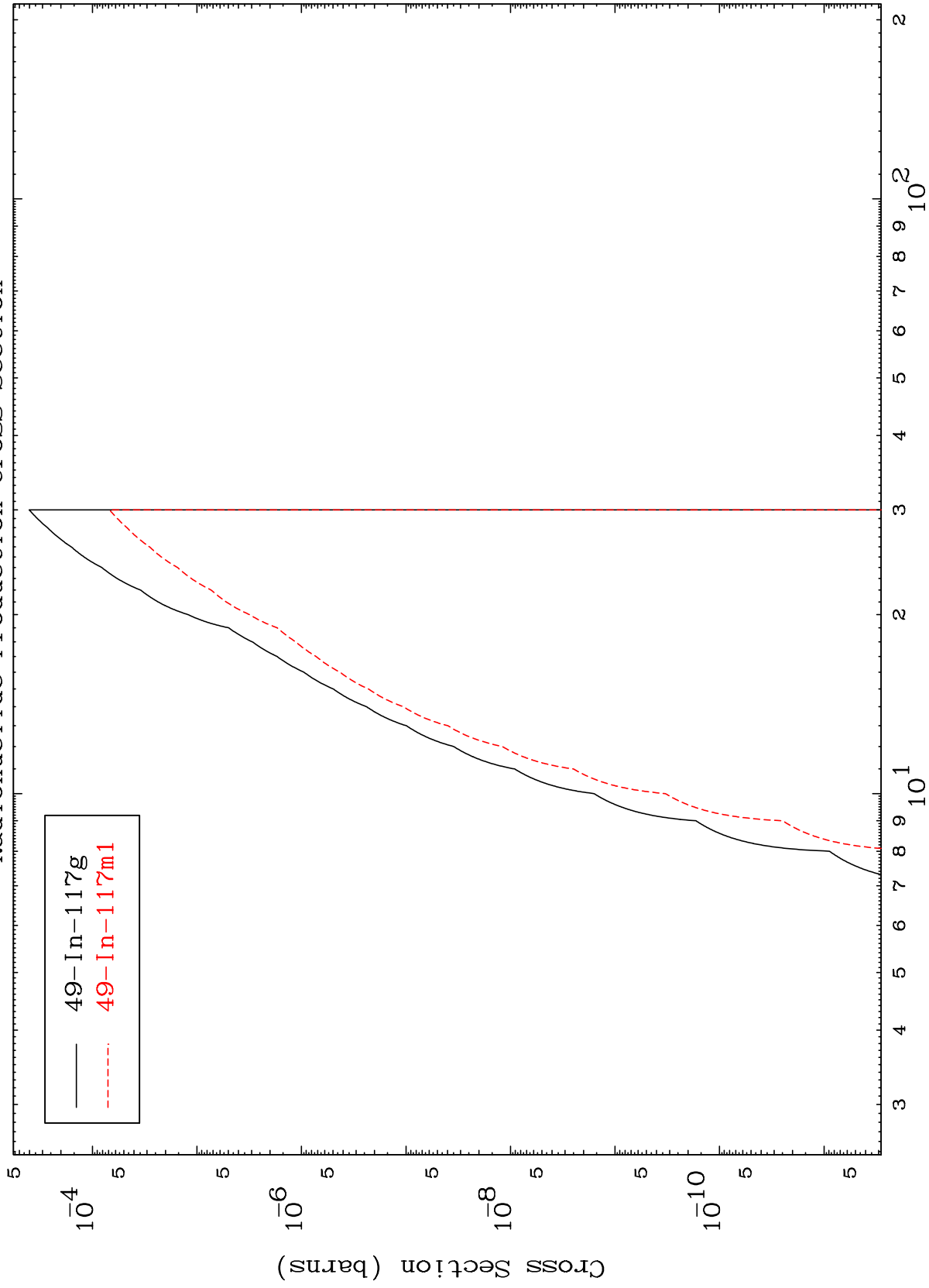


50-Sn-117

MAT 5041

Radionuclide Production Cross Section  
(d,2p)

50-Sn-117



27

Incident Energy (MeV)

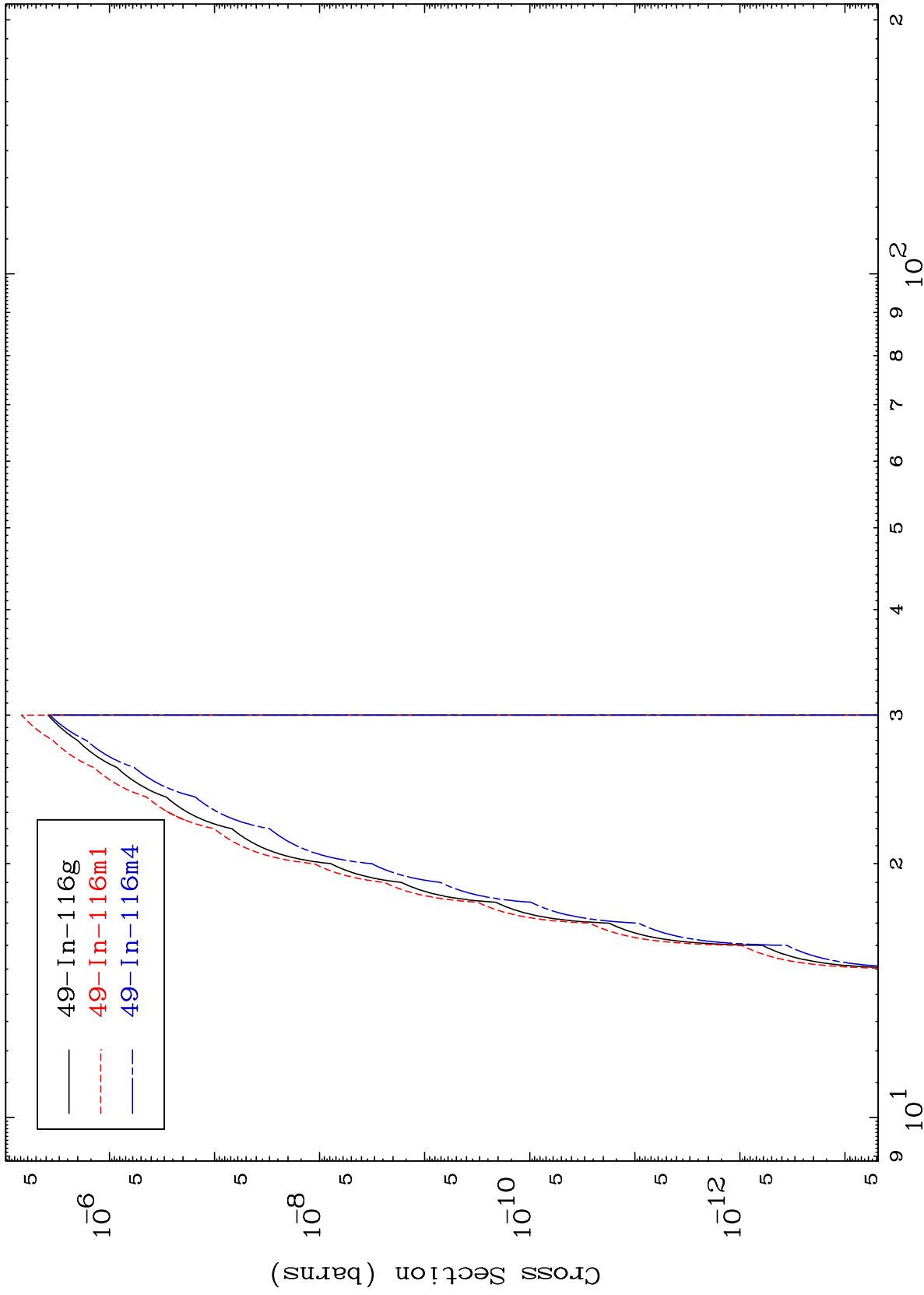
50-Sn-117

MAT 5041

(d,p) d

50-Sn-117

Radionuclide Production Cross Section



49-In-116g  
49-In-116m1  
49-In-116m4

28

Incident Energy (MeV)

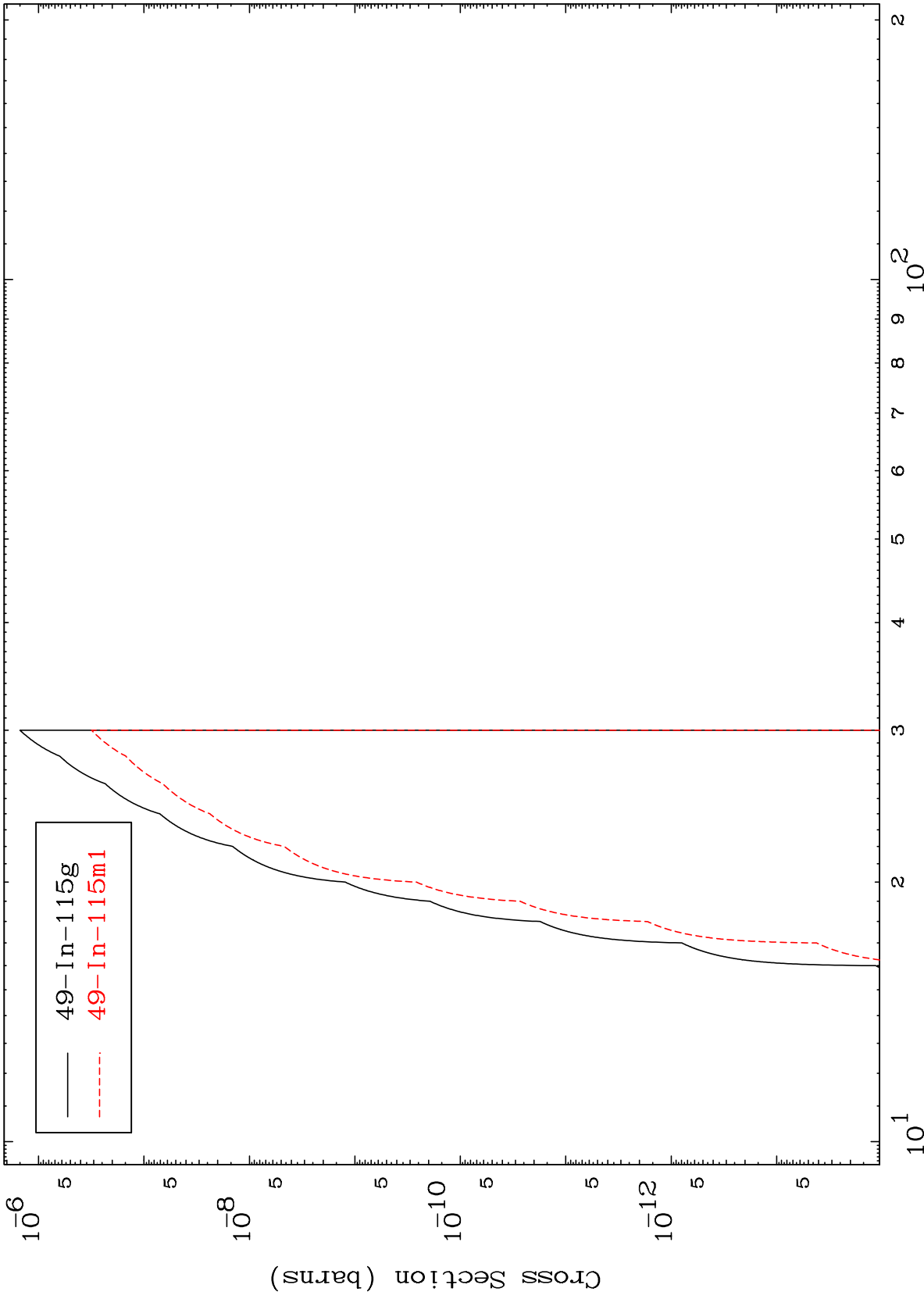
50-Sn-117

MAT 5041

(d,p) t

50-Sn-117

Radionuclide Production Cross Section



29

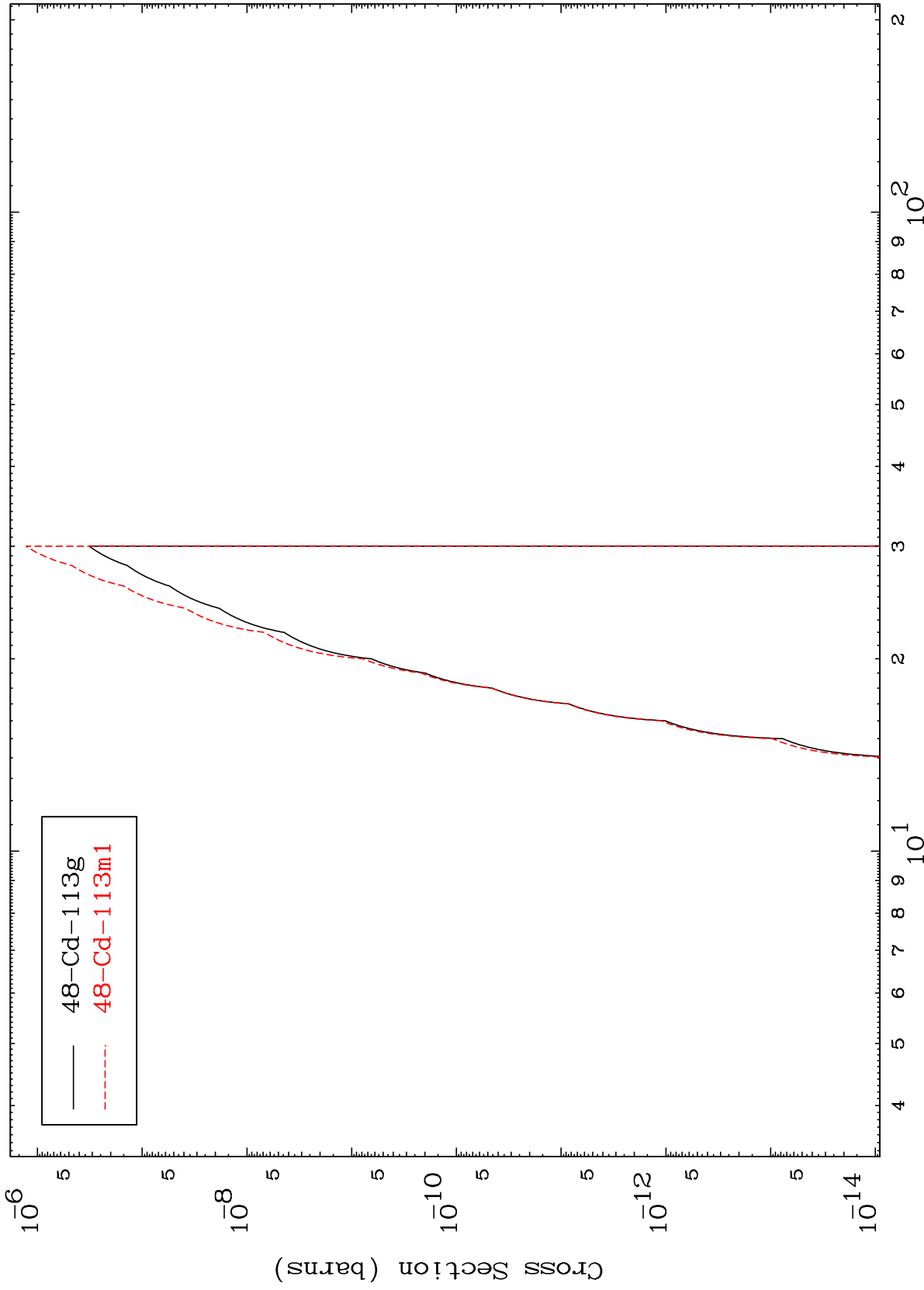
50-Sn-117

MAT 5041

(d,d)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



48-Cd-113g  
48-Cd-113m1

30

Incident Energy (MeV)

50-Sn-117