

Program EVALPLOT  
(Version 2018-1)

by

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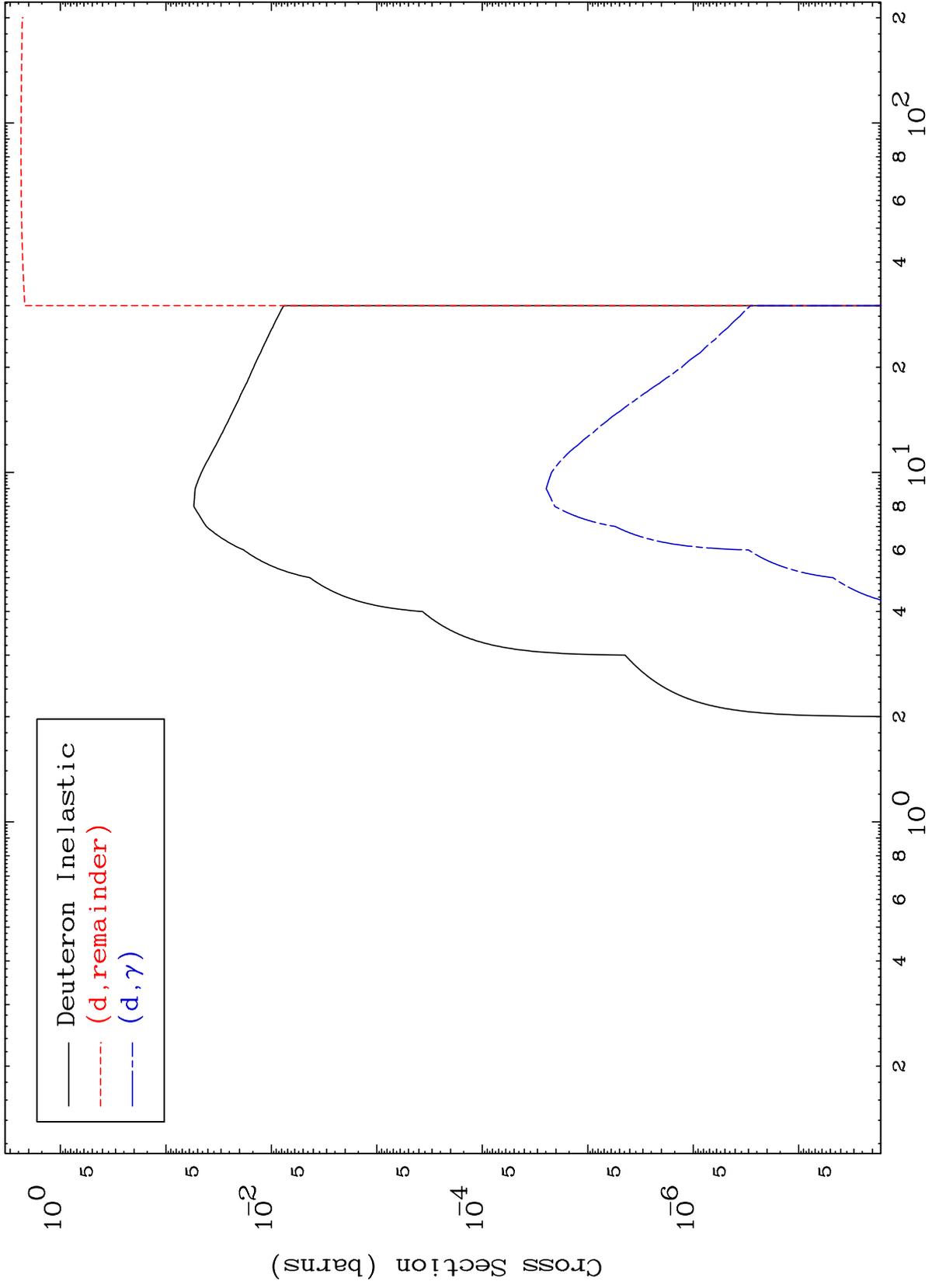
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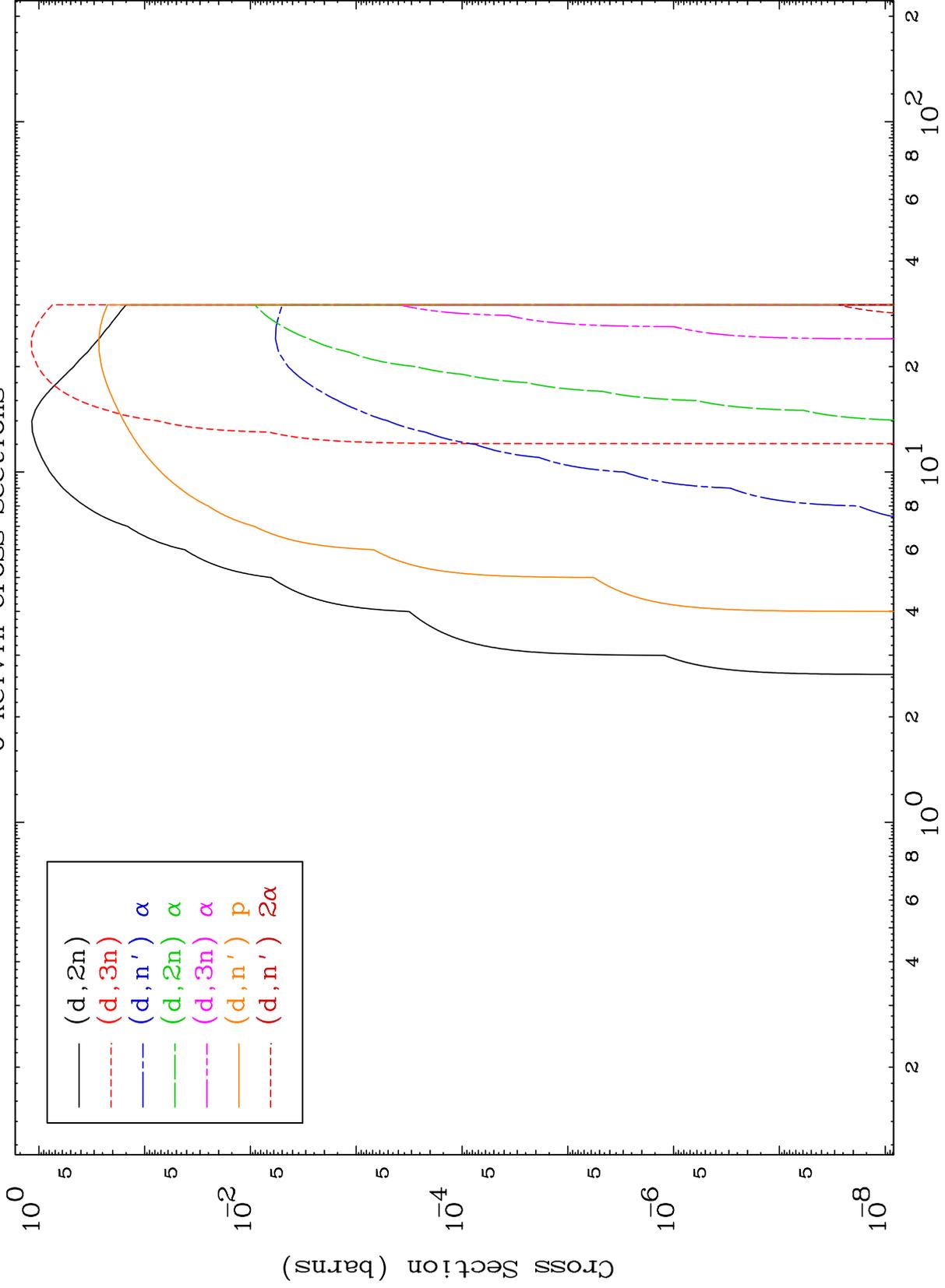
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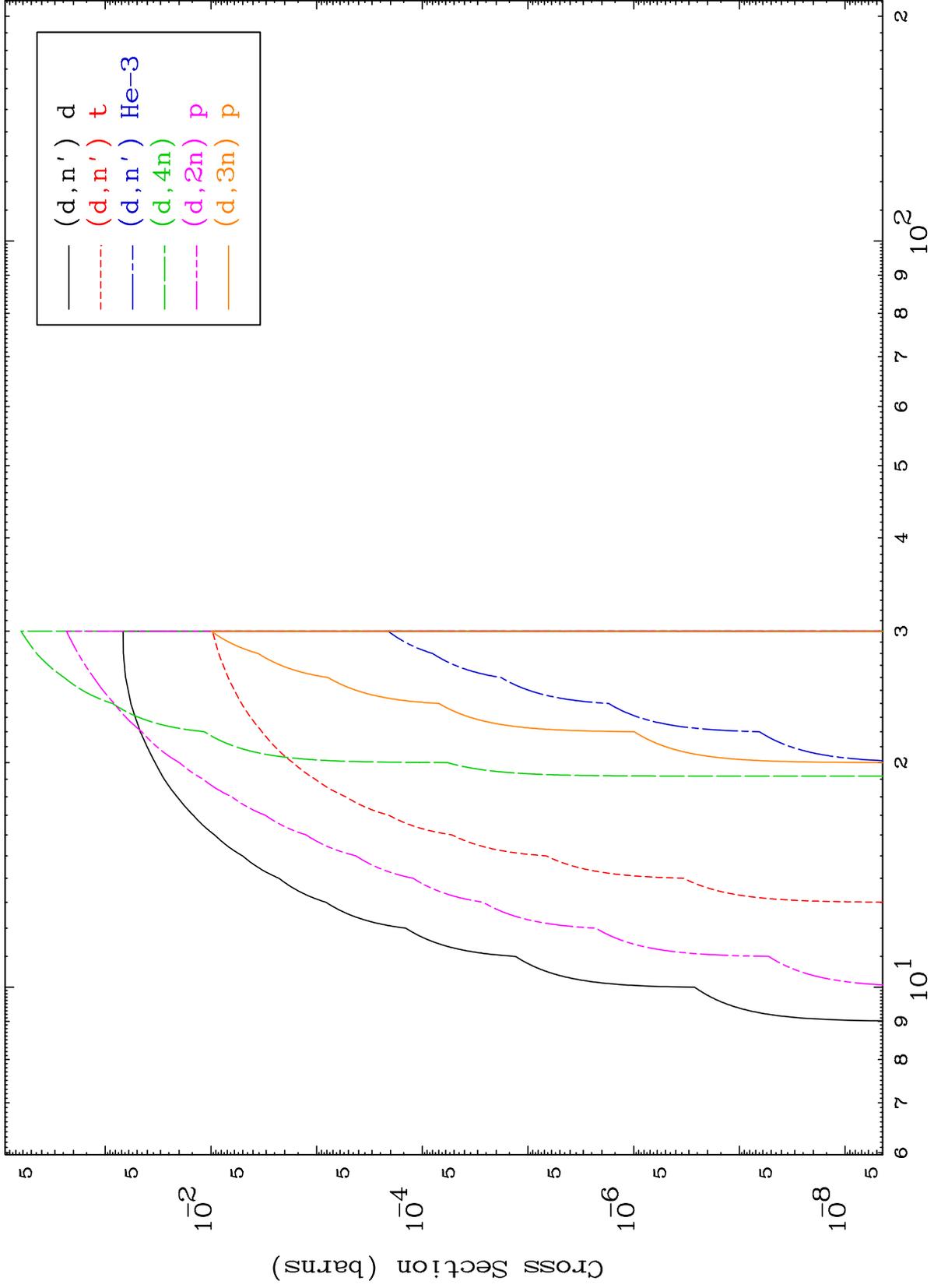
MAT 5053

Deuteron Major  
0 Kelvin Cross Sections

50-Sn-121



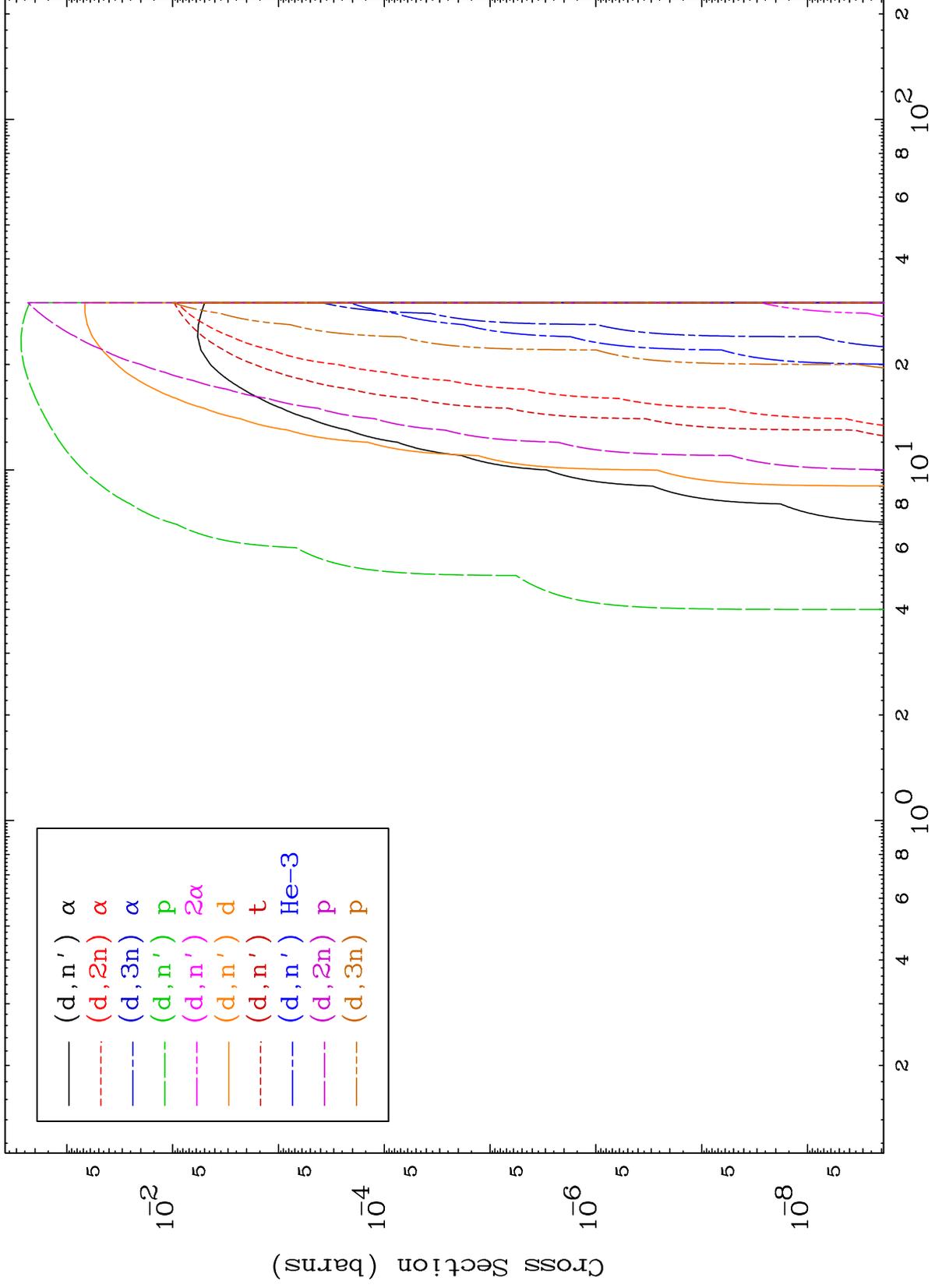


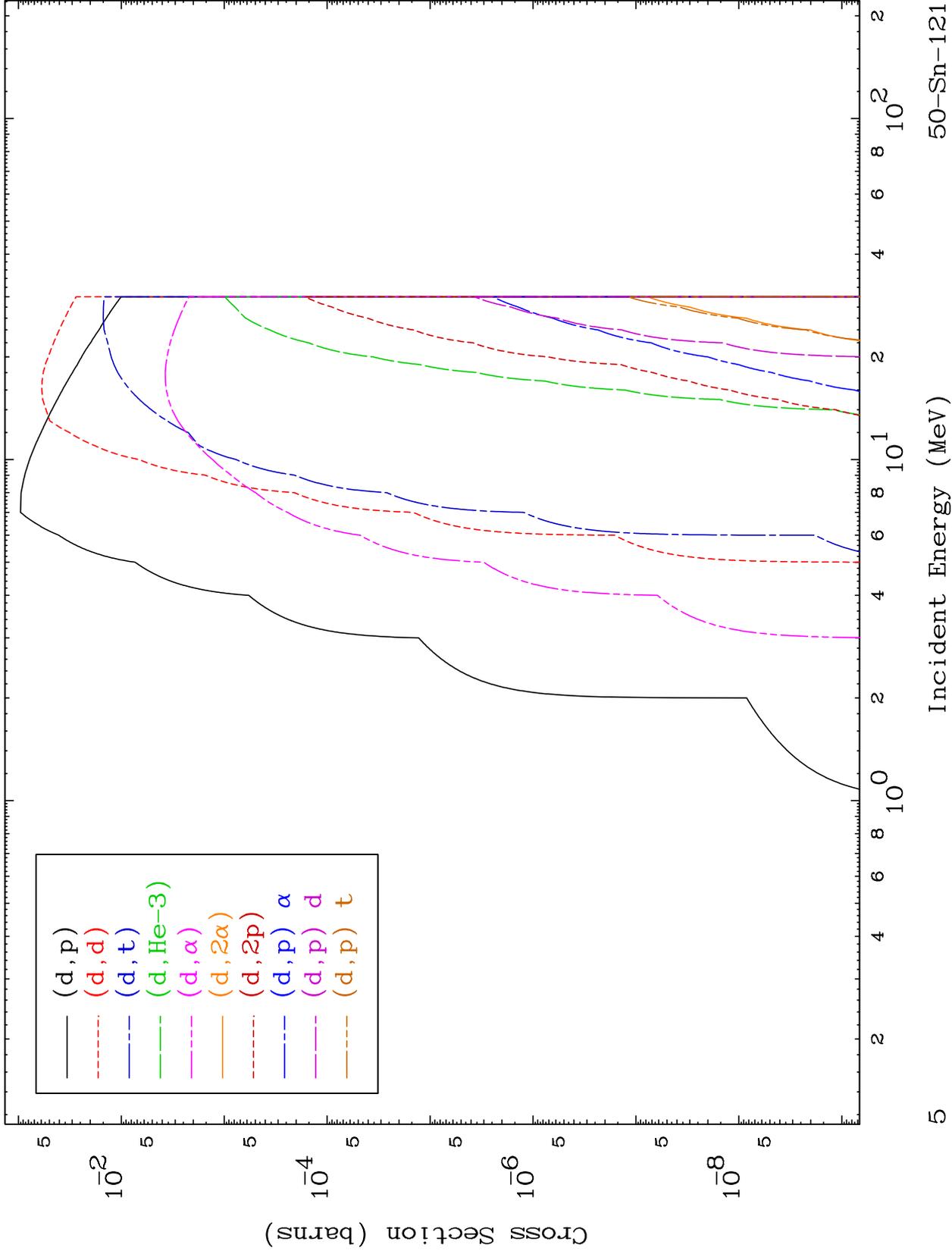


MAT 5053

Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-121

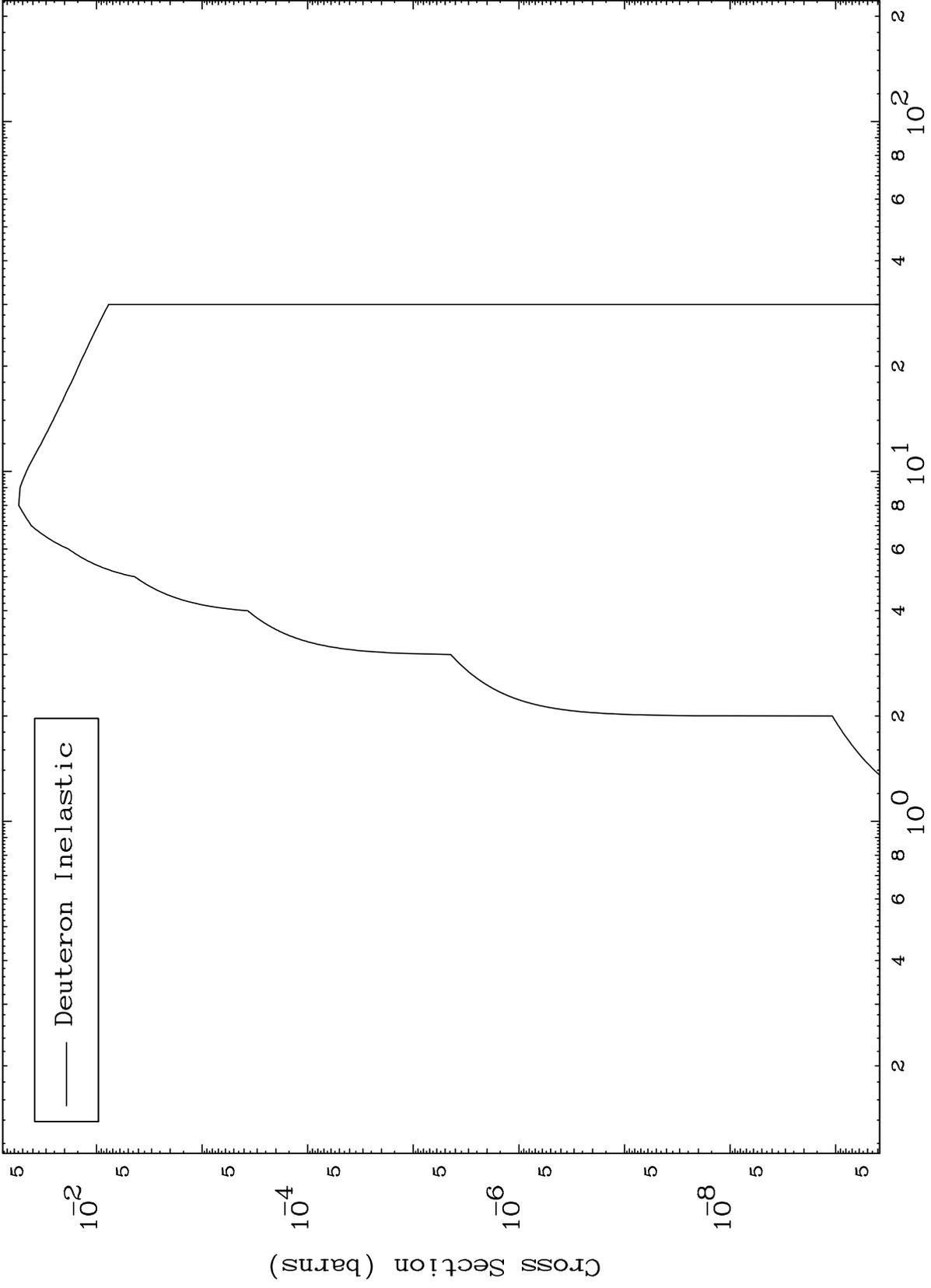




MAT 5053

50-Sn-121

(d,n') Level  
0 Kelvin Cross Sections



6

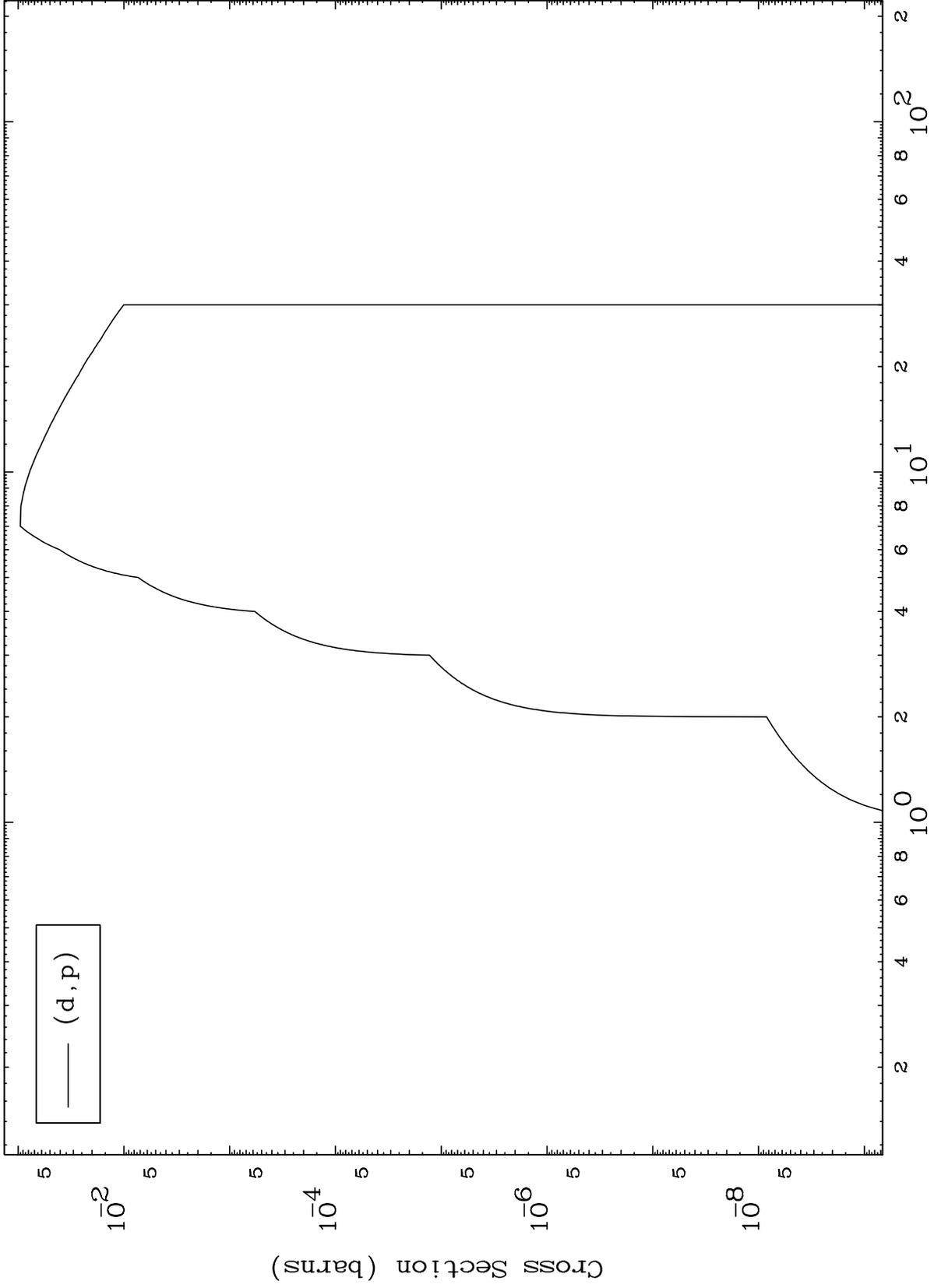
50-Sn-121

Incident Energy (MeV)

MAT 5053

(d,p) Levels  
0 Kelvin Cross Sections

50-Sn-121

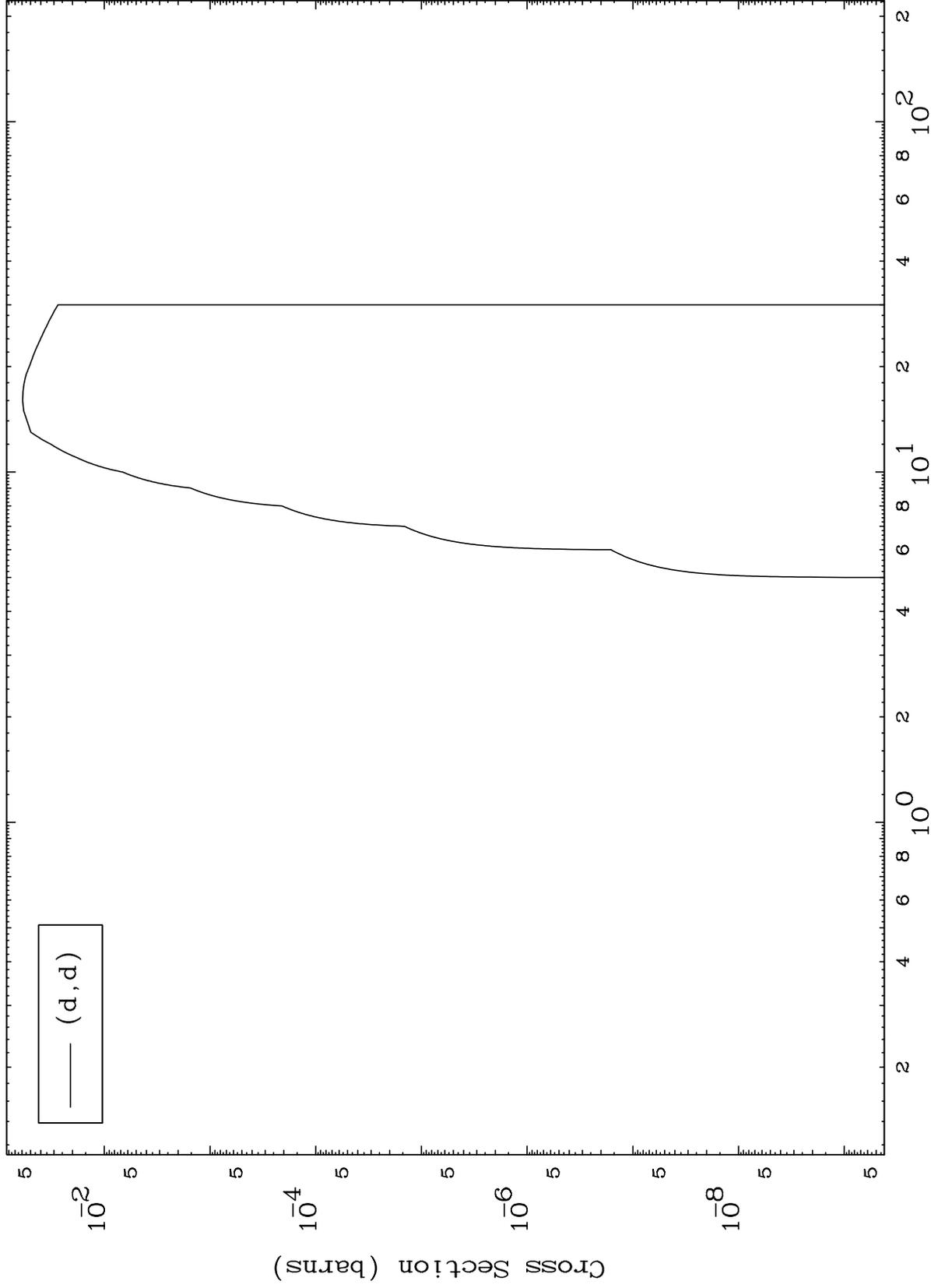


(d,p)

MAT 5053

50-Sn-121

(d,d) Levels  
0 Kelvin Cross Sections

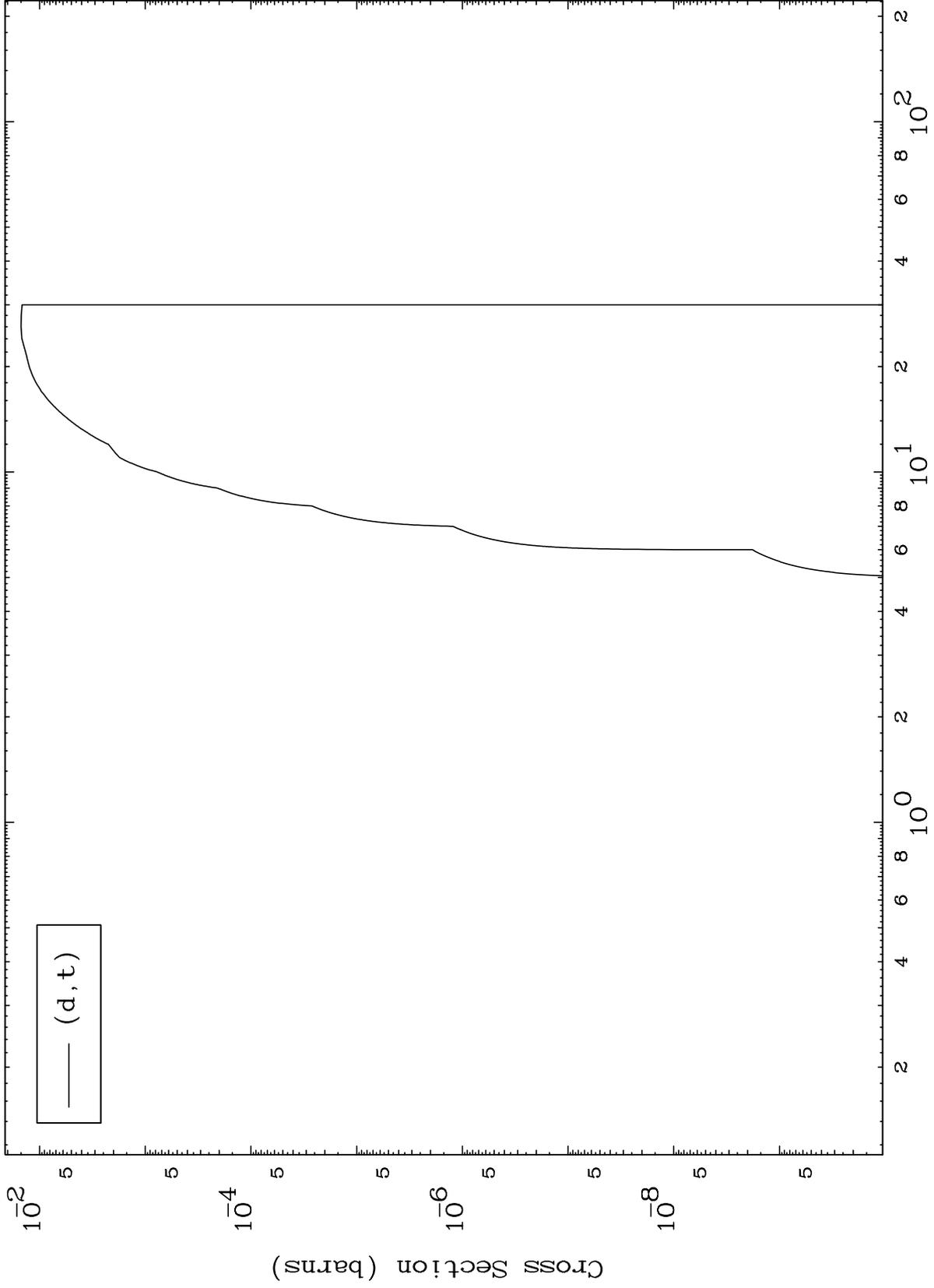


MAT 5053

(d,t) Levels

50-Sn-121

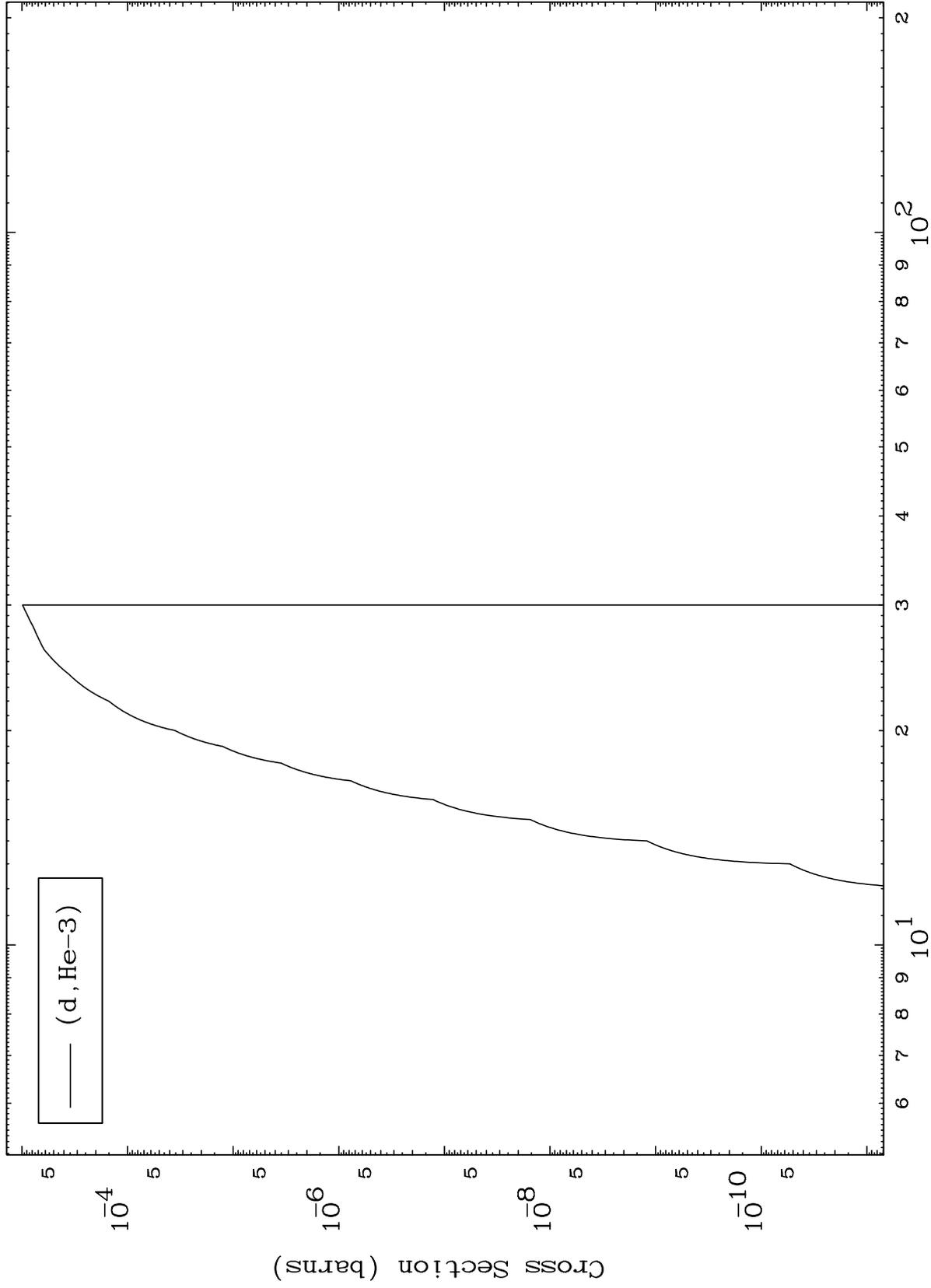
0 Kelvin Cross Sections



MAT 5053

(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-121



10

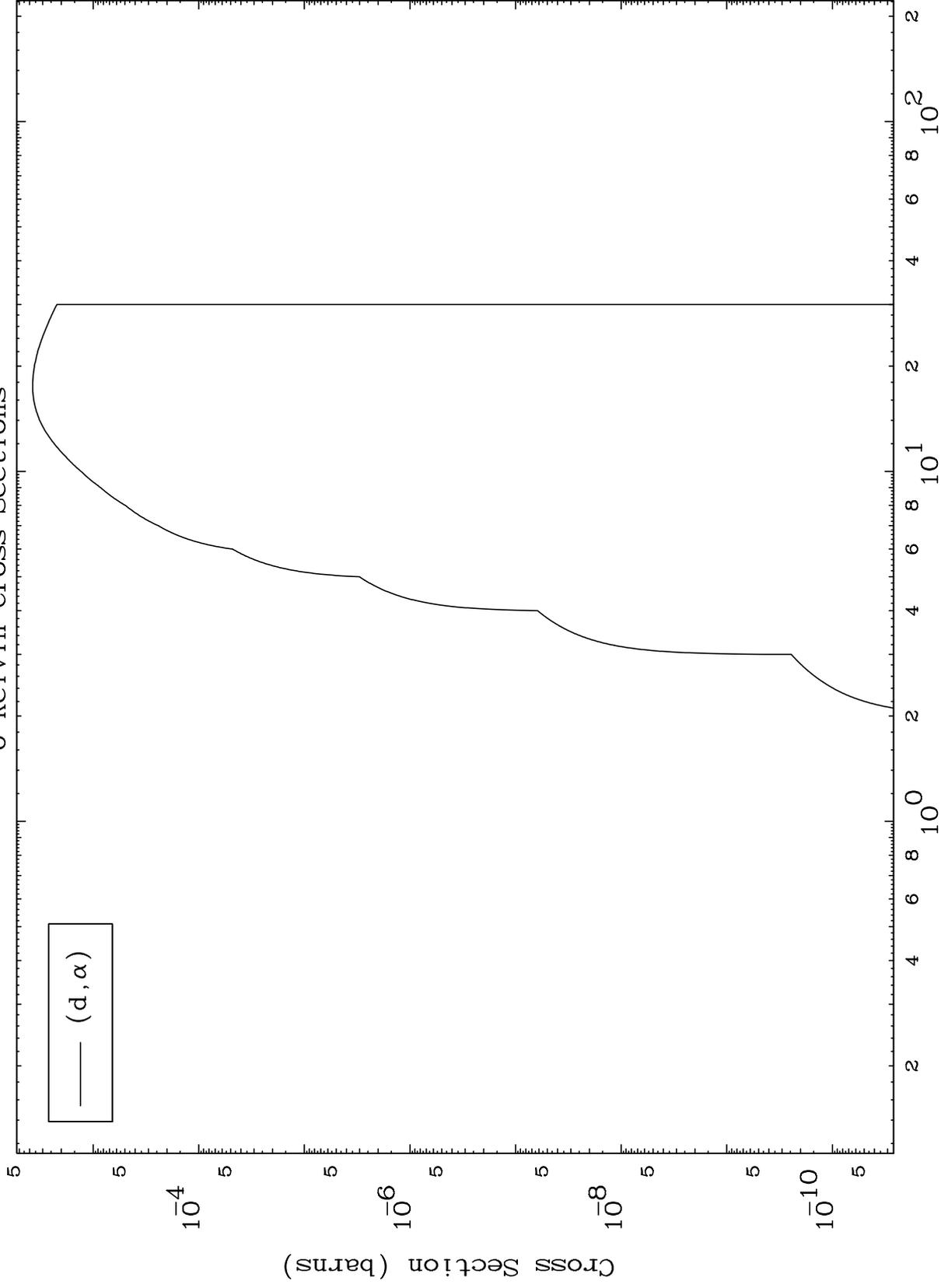
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

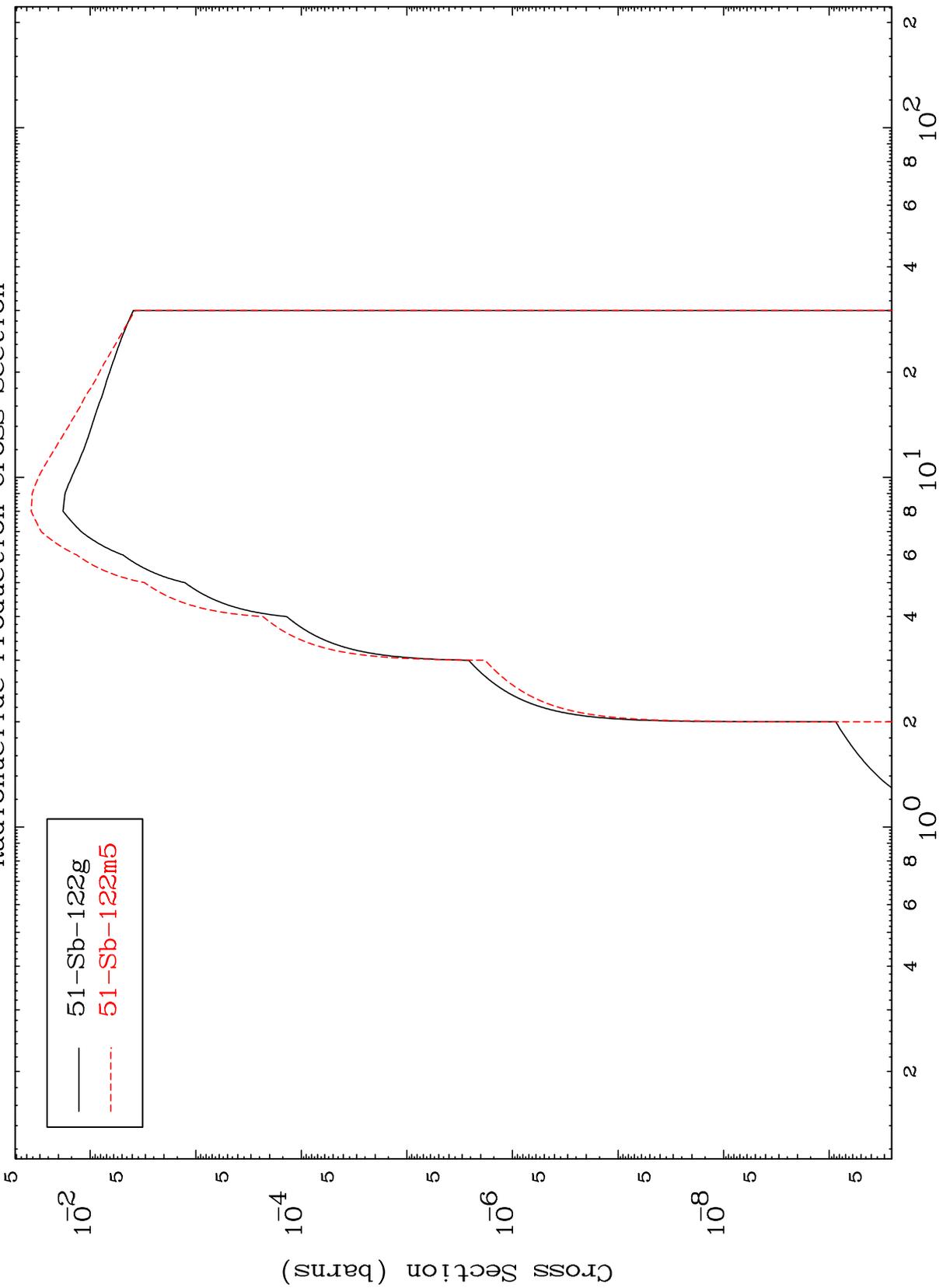
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 5053

50-Sn-121

Deuteron Inelastic  
Radionuclide Production Cross Section



51-Sb-122g  
51-Sb-122m5

50-Sn-121

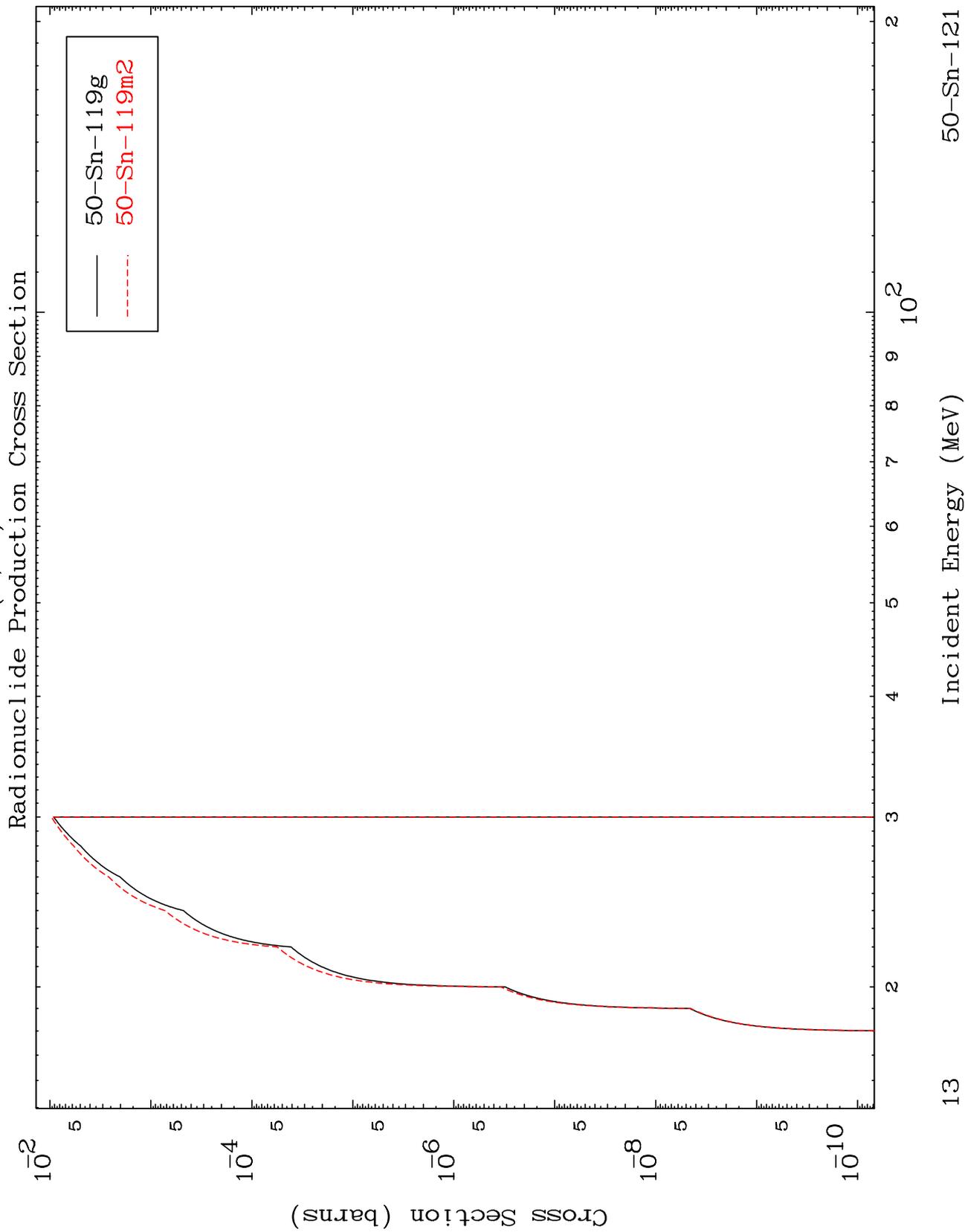
Incident Energy (MeV)

12

MAT 5053

(d,2n) d

50-Sn-121



13

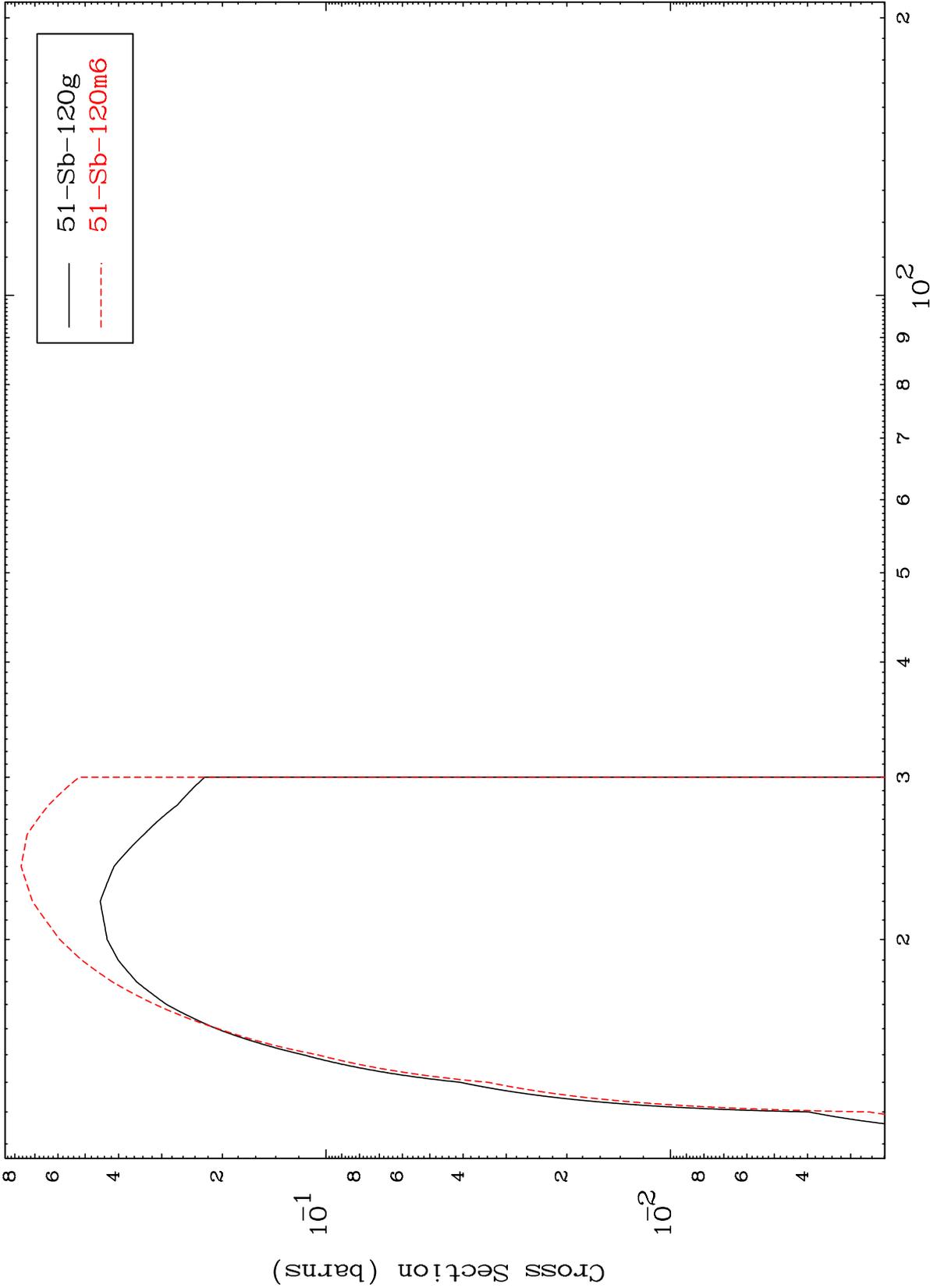
50-Sn-121

MAT 5053

(d,3n)

50-Sn-121

Radionuclide Production Cross Section



14

Incident Energy (MeV)

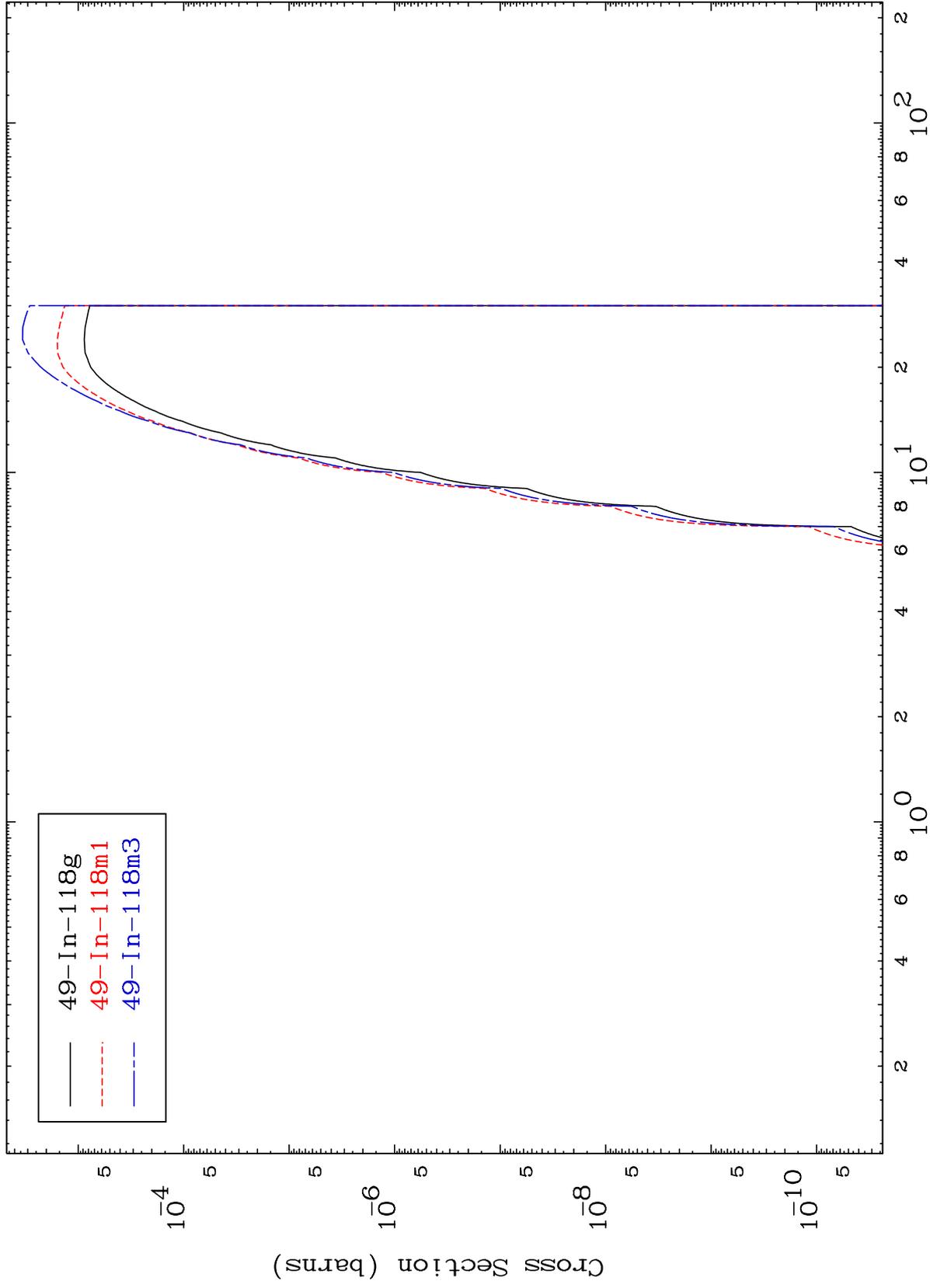
50-Sn-121

MAT 5053

50-Sn-121

(d,n')  $\alpha$

Radionuclide Production Cross Section



15

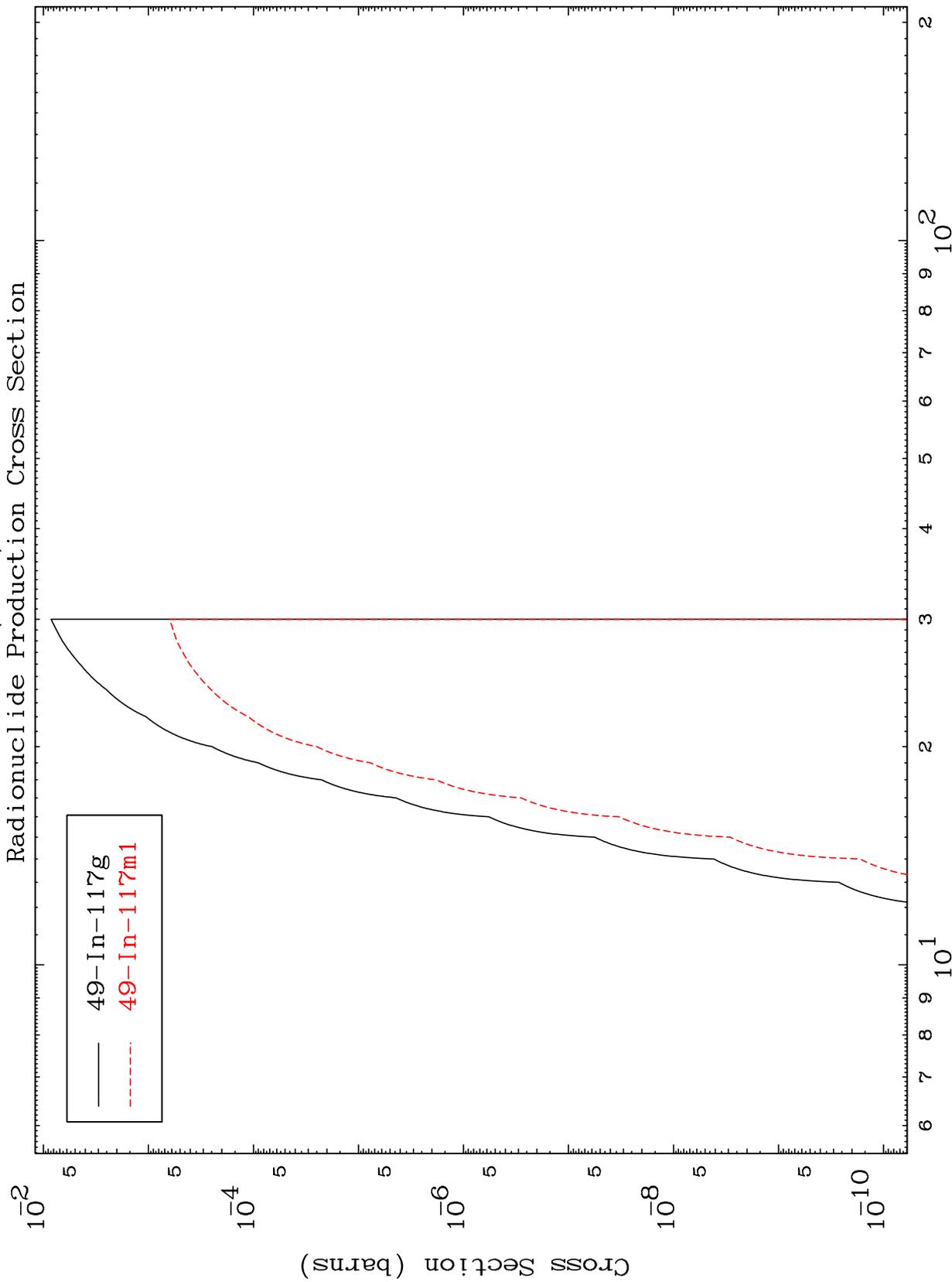
Incident Energy (MeV)

50-Sn-121

MAT 5053

(d,2n)  $\alpha$

50-Sn-121



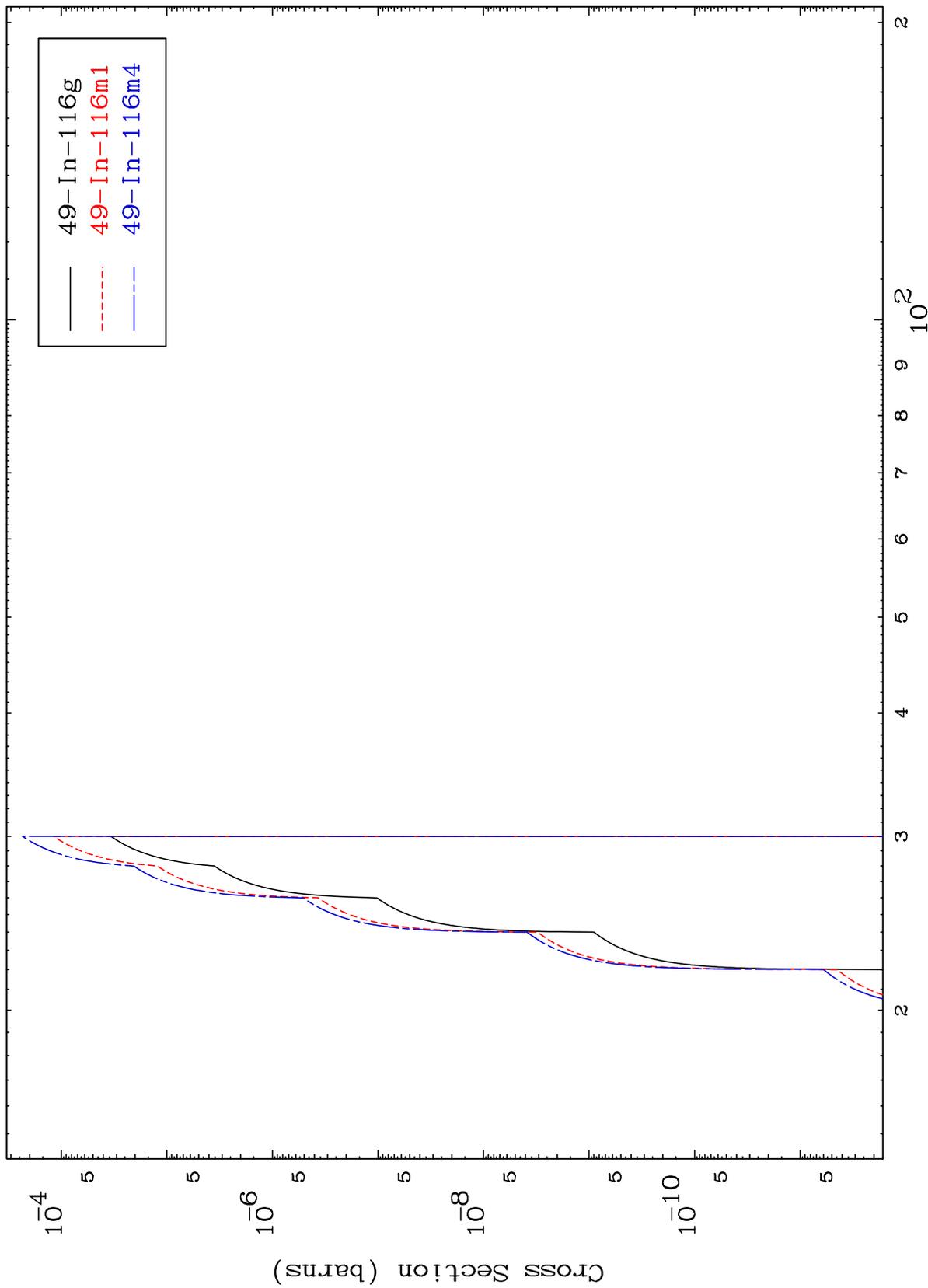
49-In-117g  
49-In-117m1

16

Incident Energy (MeV)

50-Sn-121

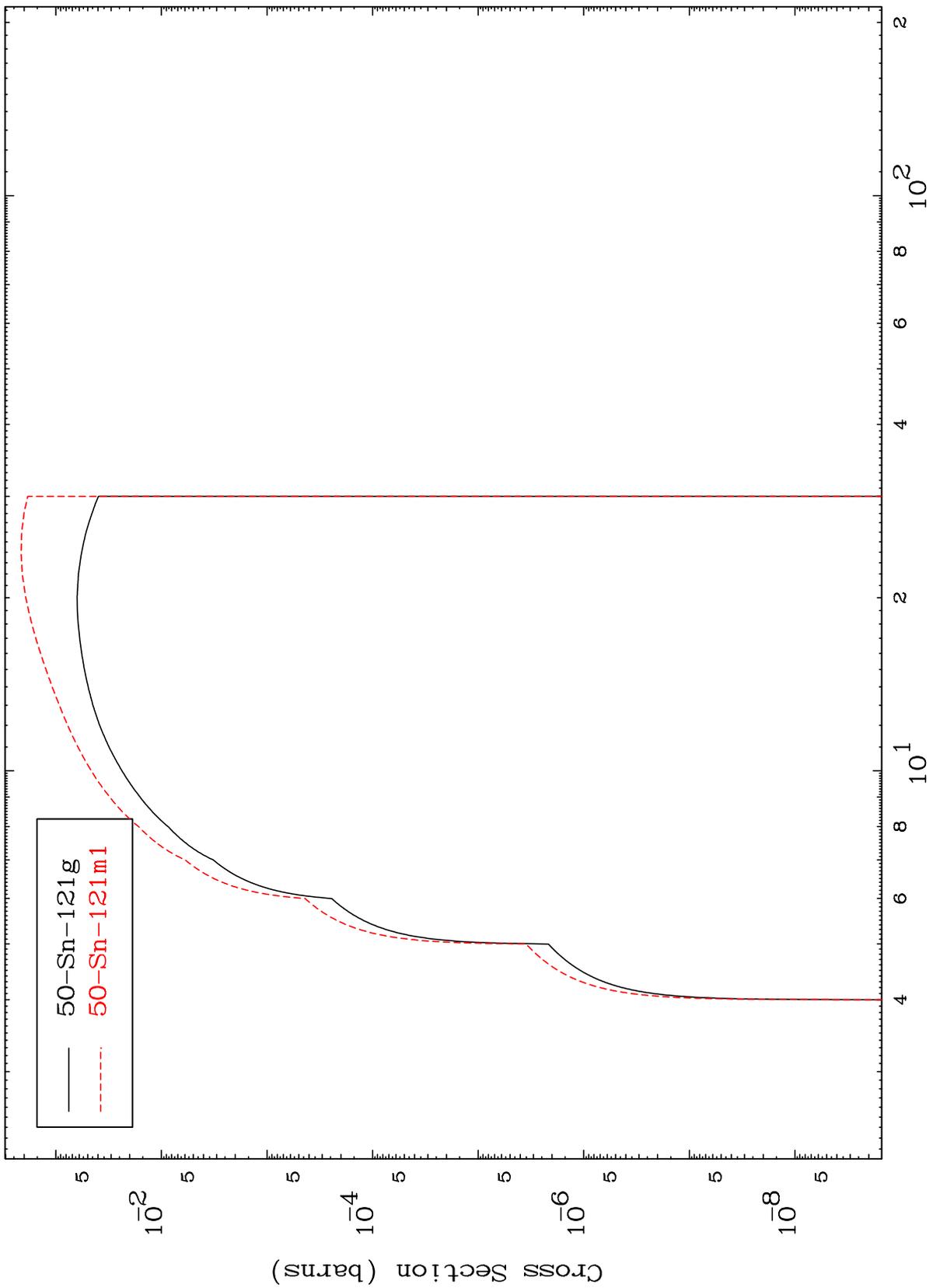
Radionuclide Production Cross Section



MAT 5053

50-Sn-121

Radionuclide Production Cross Section

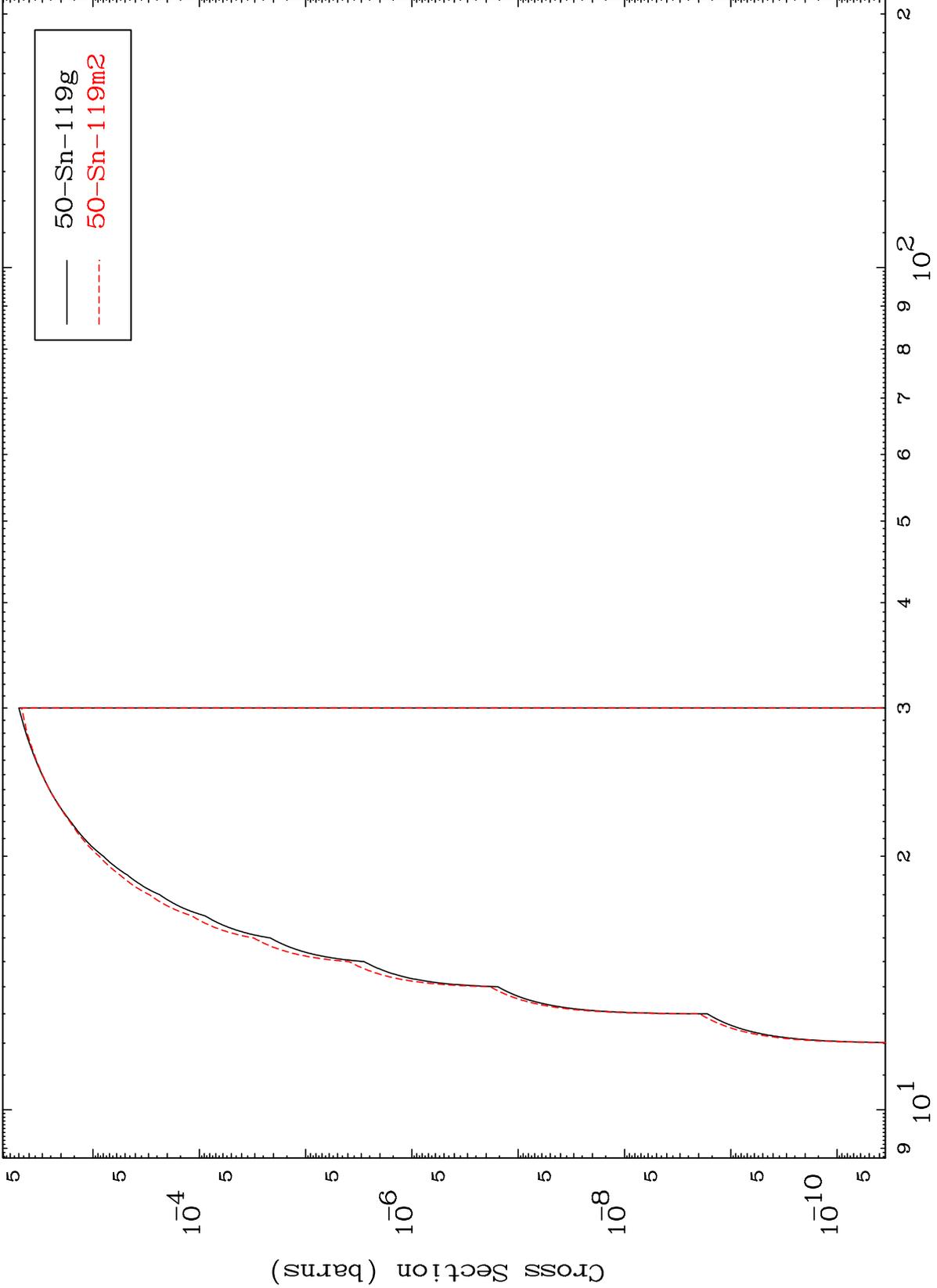


MAT 5053

(d,n') t

50-Sn-121

Radionuclide Production Cross Section



Incident Energy (MeV)

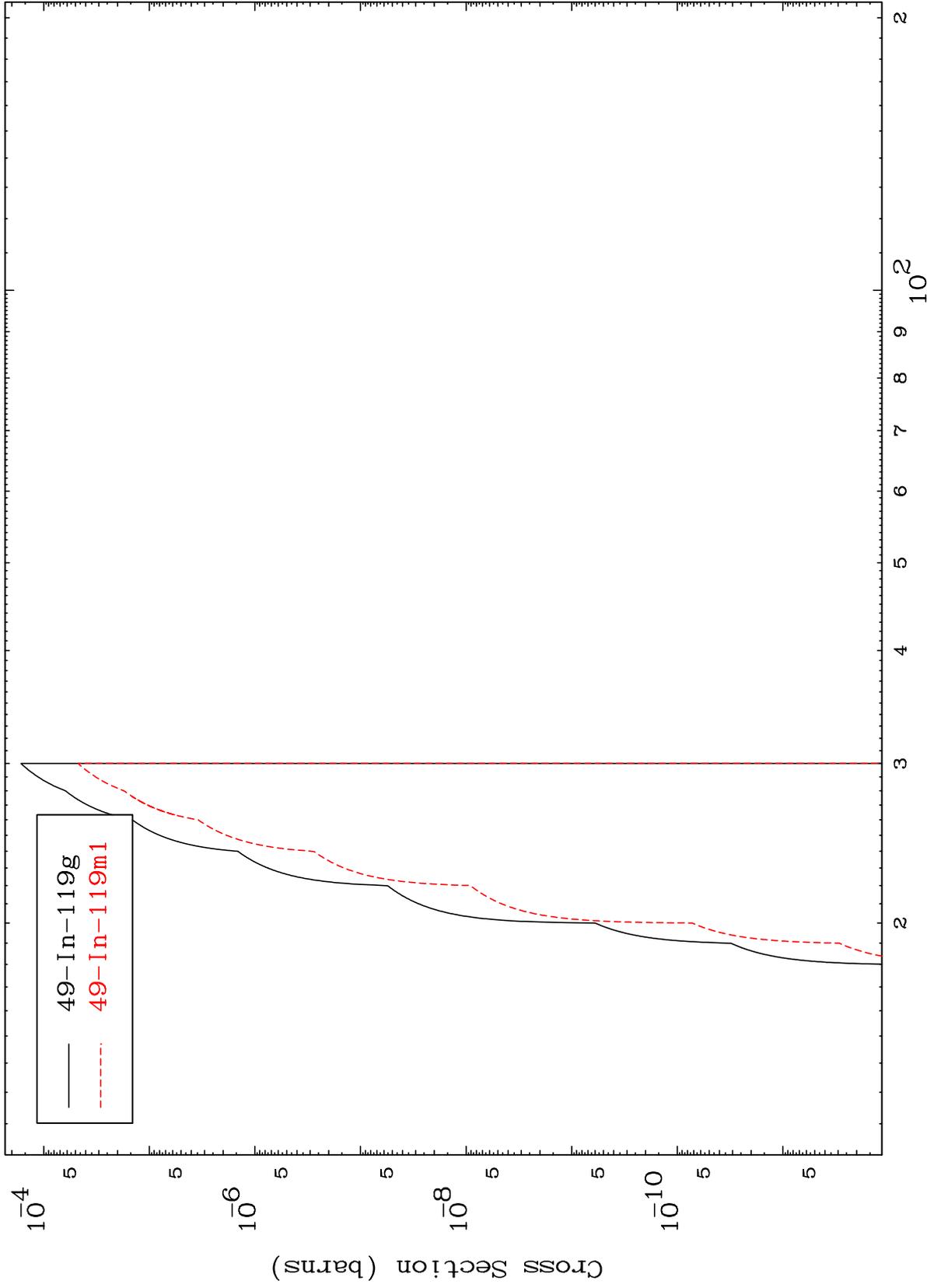
50-Sn-121

MAT 5053

(d,n') He-3

50-Sn-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

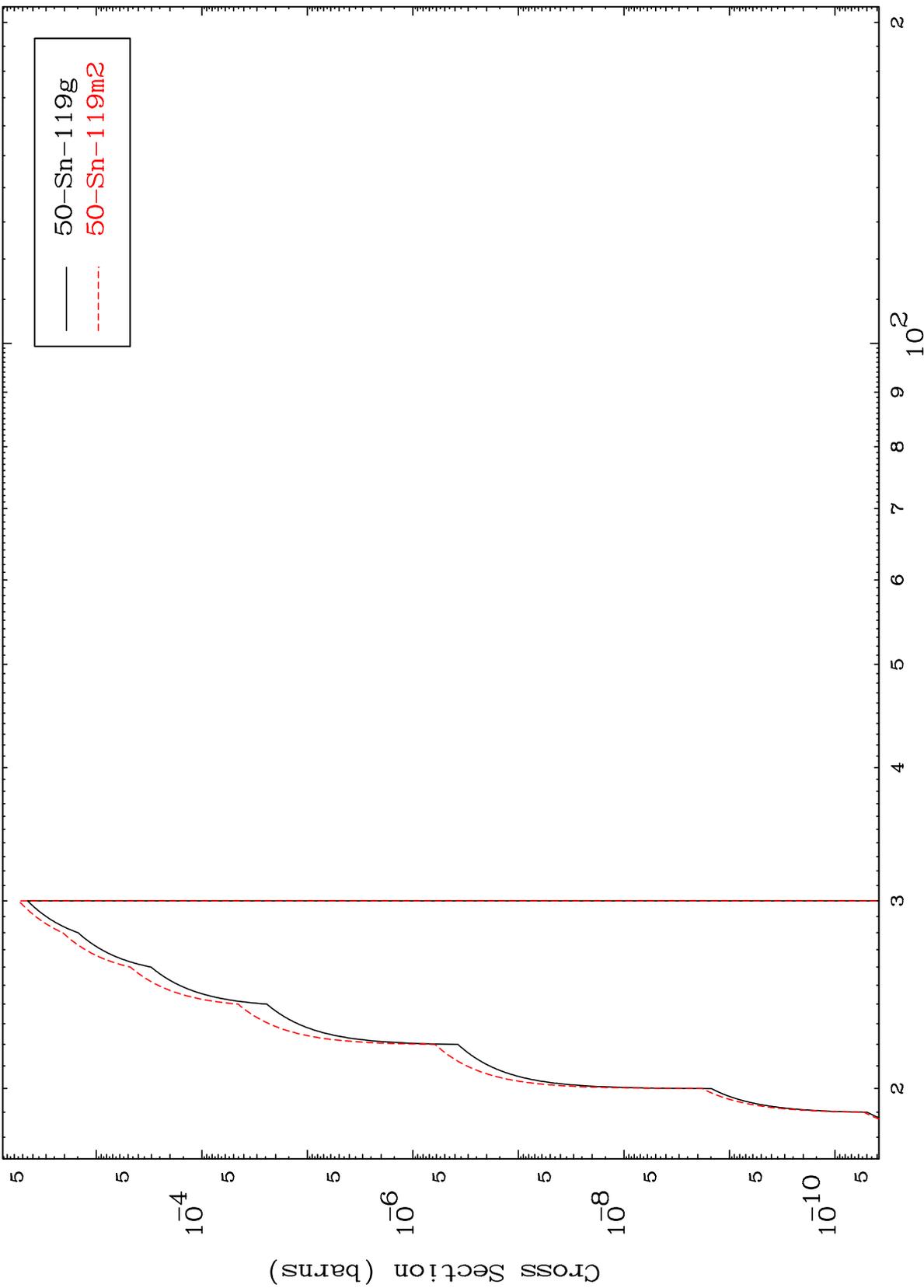
50-Sn-121

MAT 5053

(d,3n) p

50-Sn-121

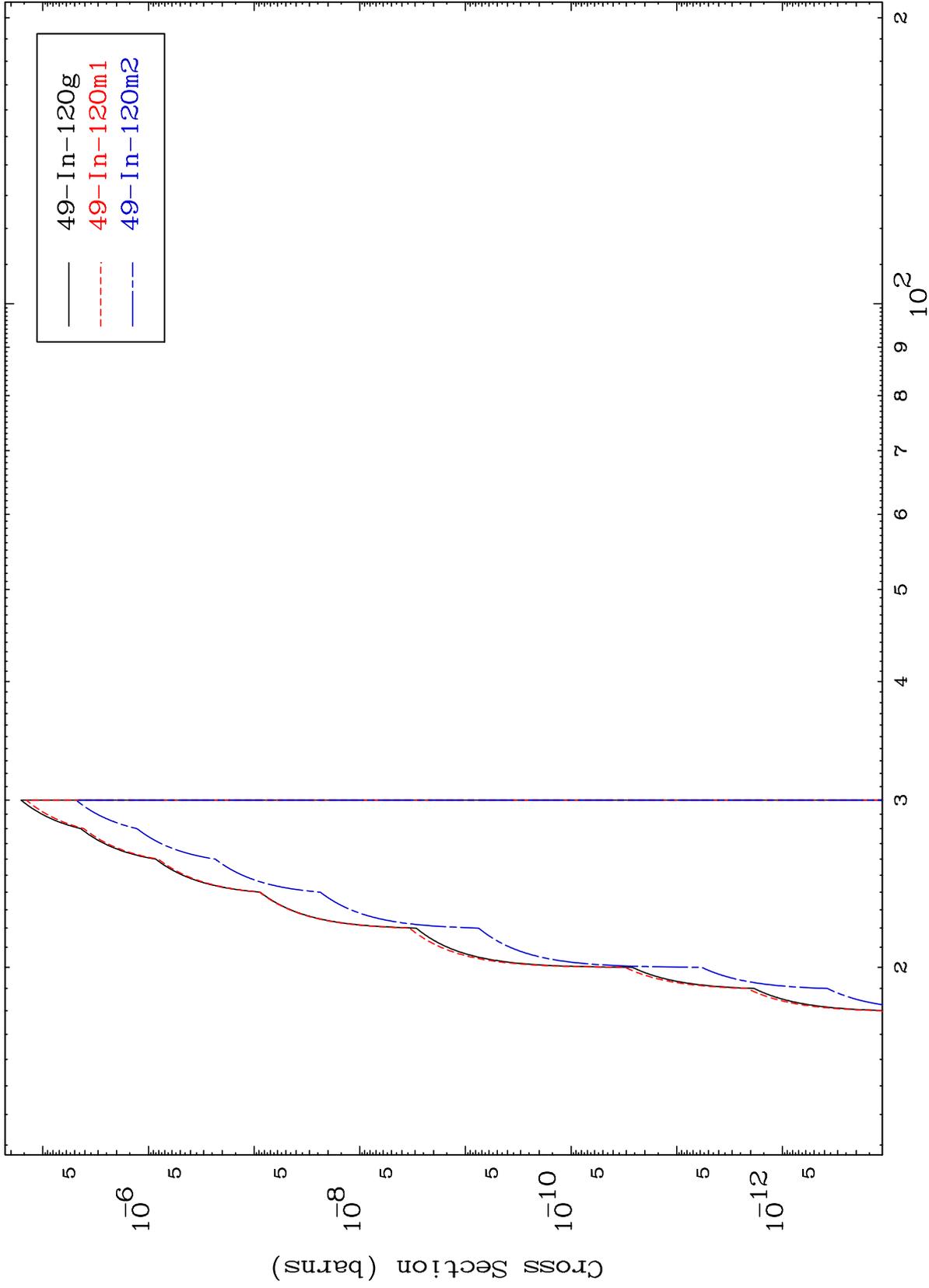
Radionuclide Production Cross Section



MAT 5053

50-Sn-121

(d,2n) p  
Radionuclide Production Cross Section



50-Sn-121

Incident Energy (MeV)

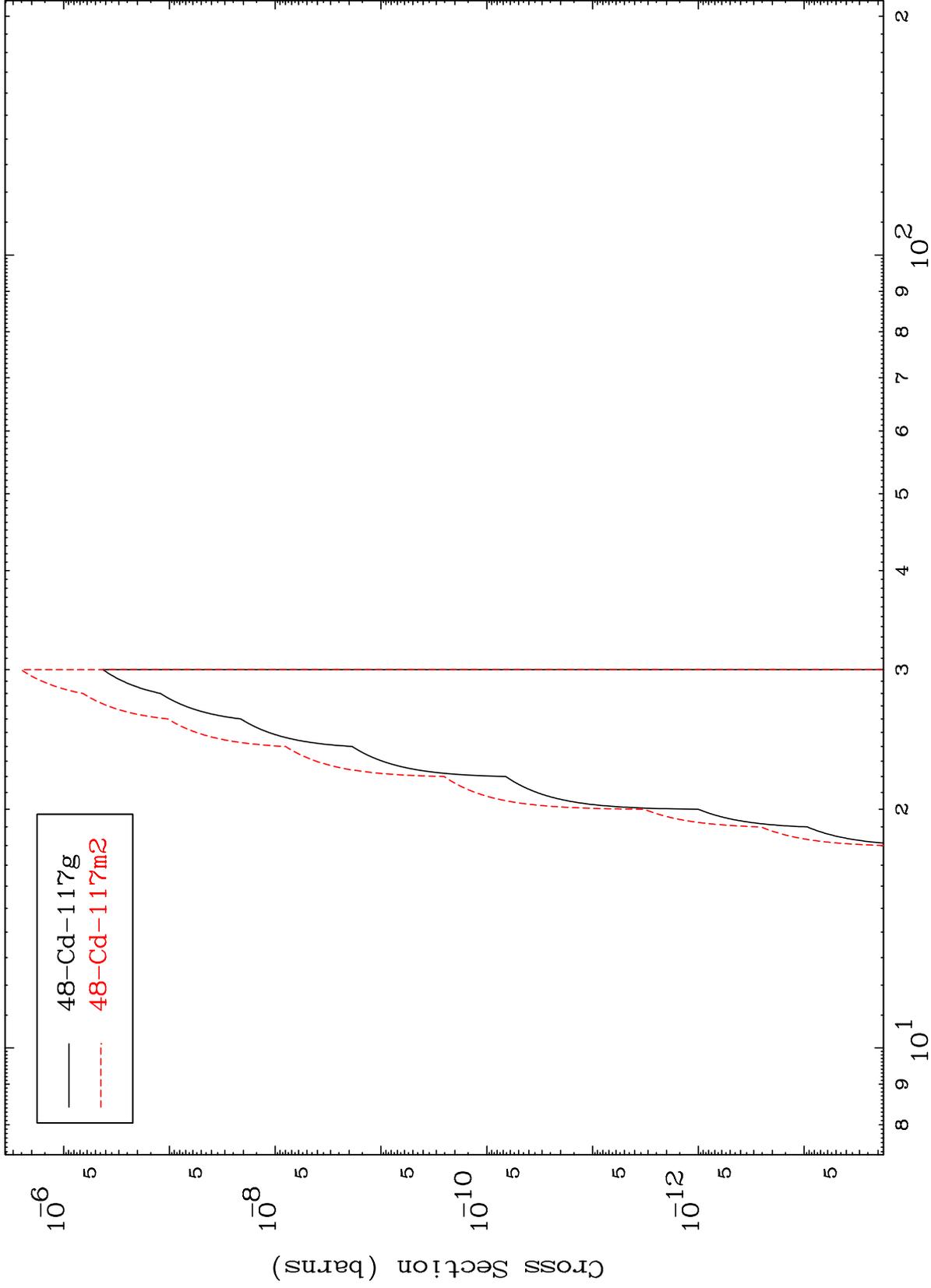
22

MAT 5053

(d,n') p  $\alpha$

50-Sn-121

Radionuclide Production Cross Section



23

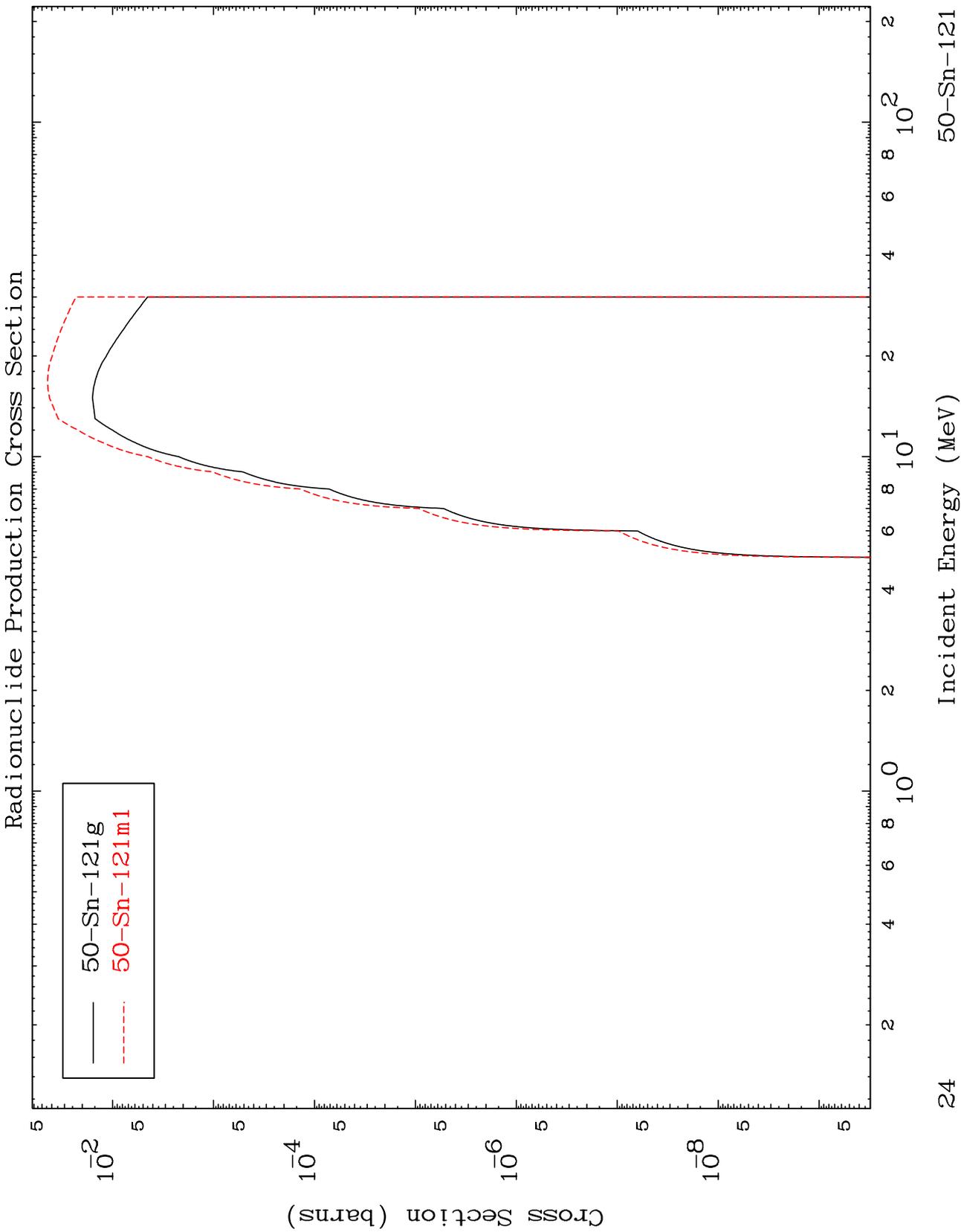
Incident Energy (MeV)

50-Sn-121

MAT 5053

(d,d)

50-Sn-121

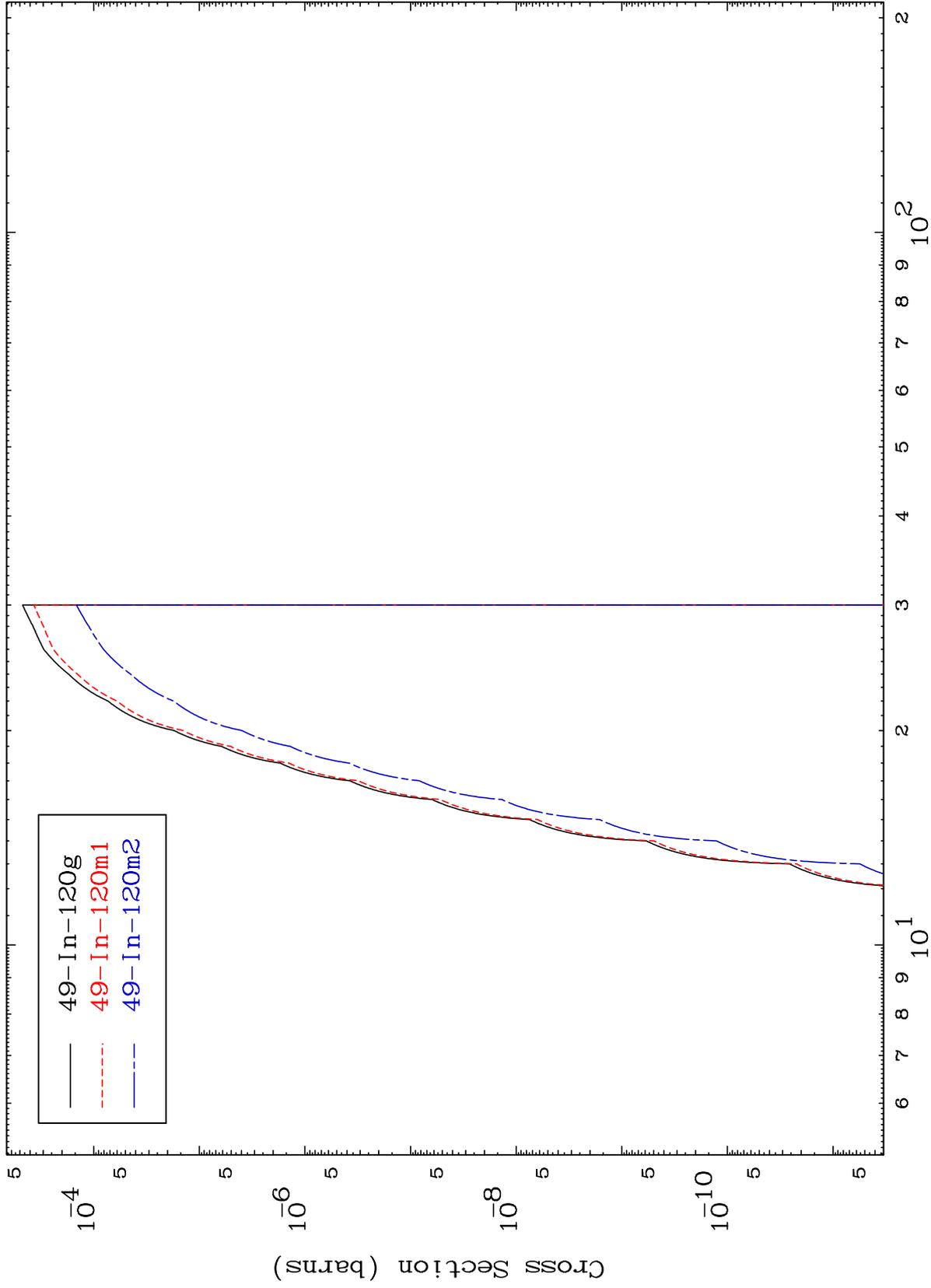


MAT 5053

(d,He-3)

50-Sn-121

Radionuclide Production Cross Section



25

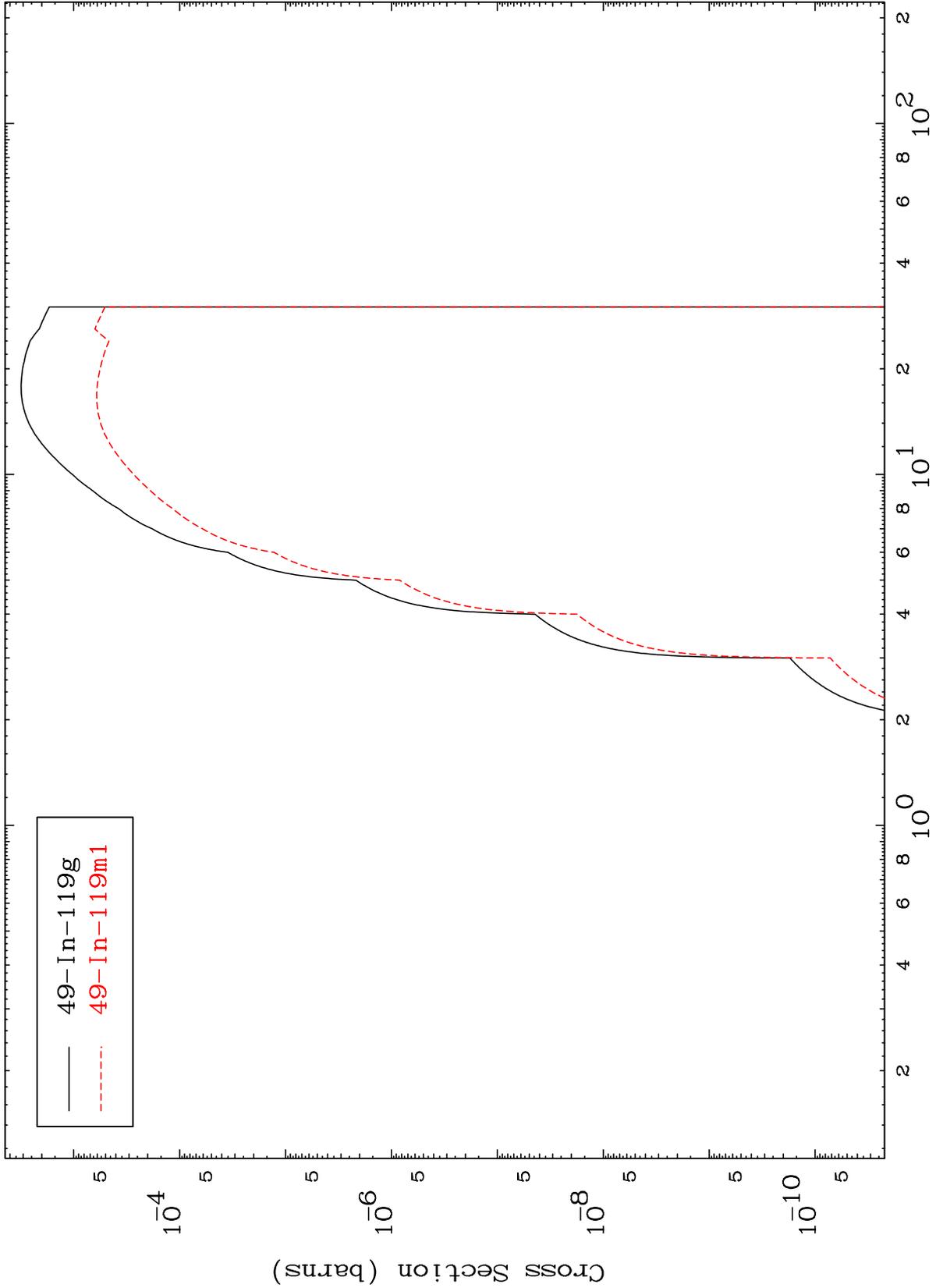
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

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

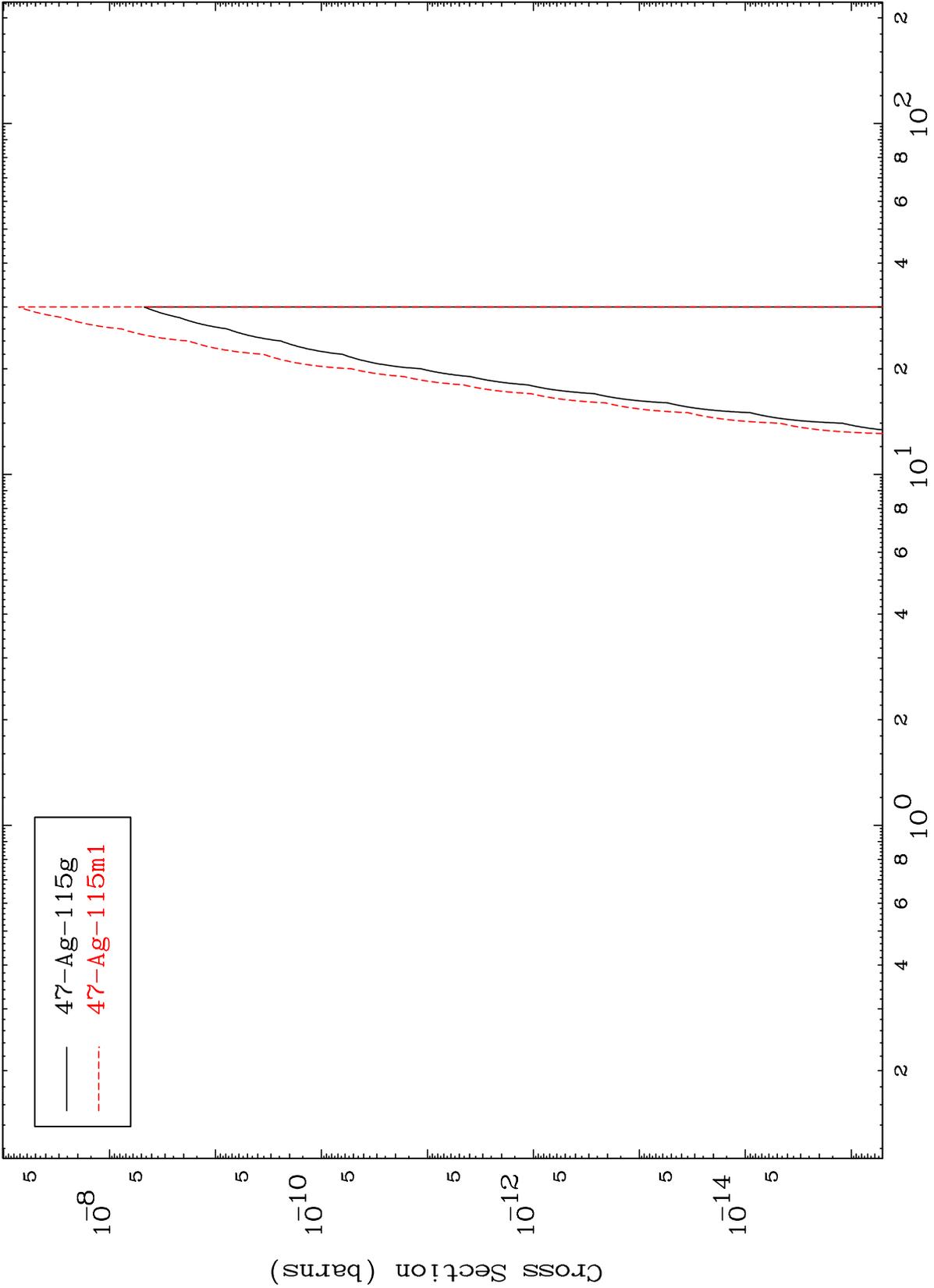


MAT 5053

(d,2α)

50-Sn-121

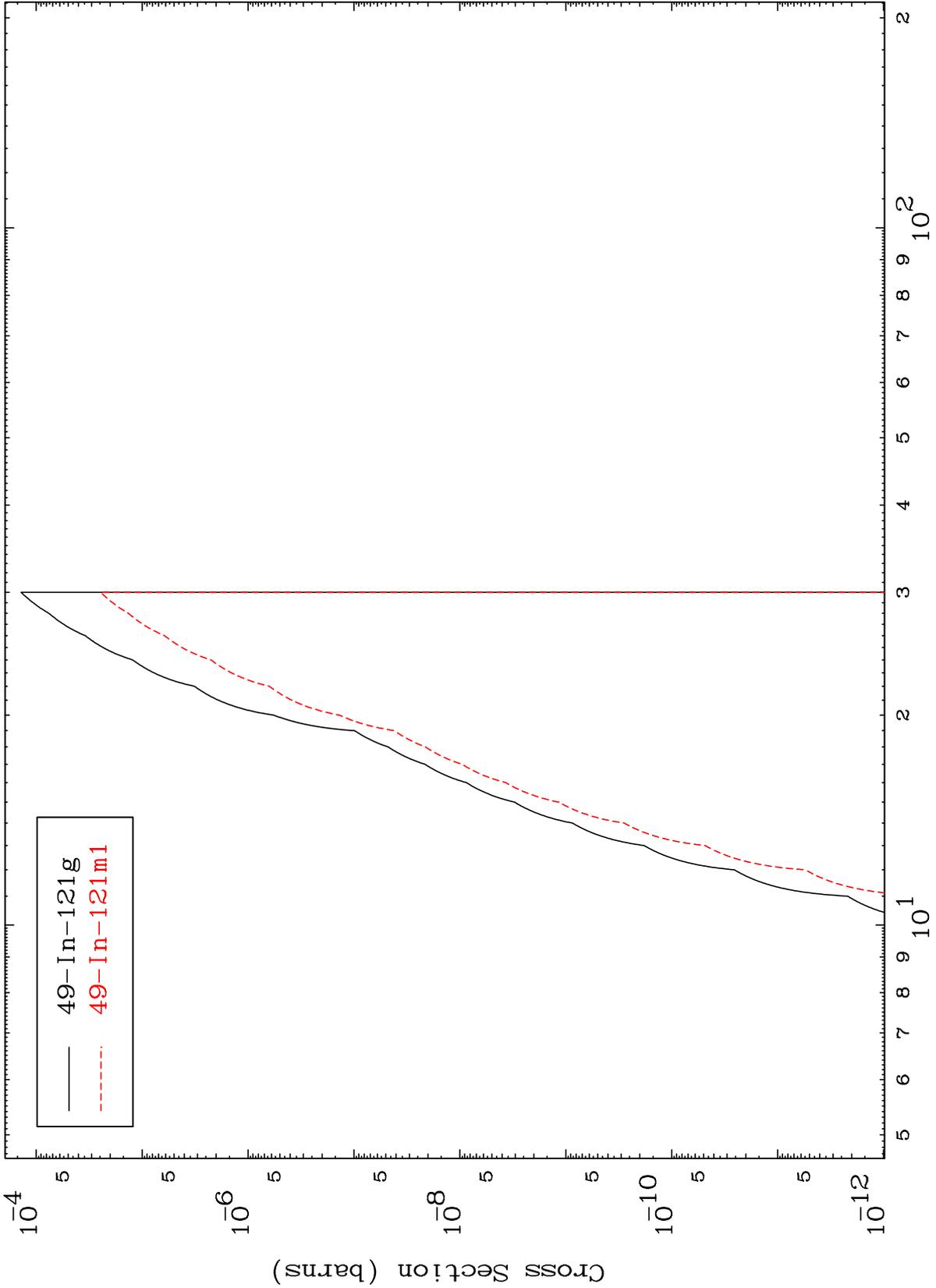
Radionuclide Production Cross Section



MAT 5053

50-Sn-121

Radionuclide Production Cross Section  
(d,2p)



28

Incident Energy (MeV)

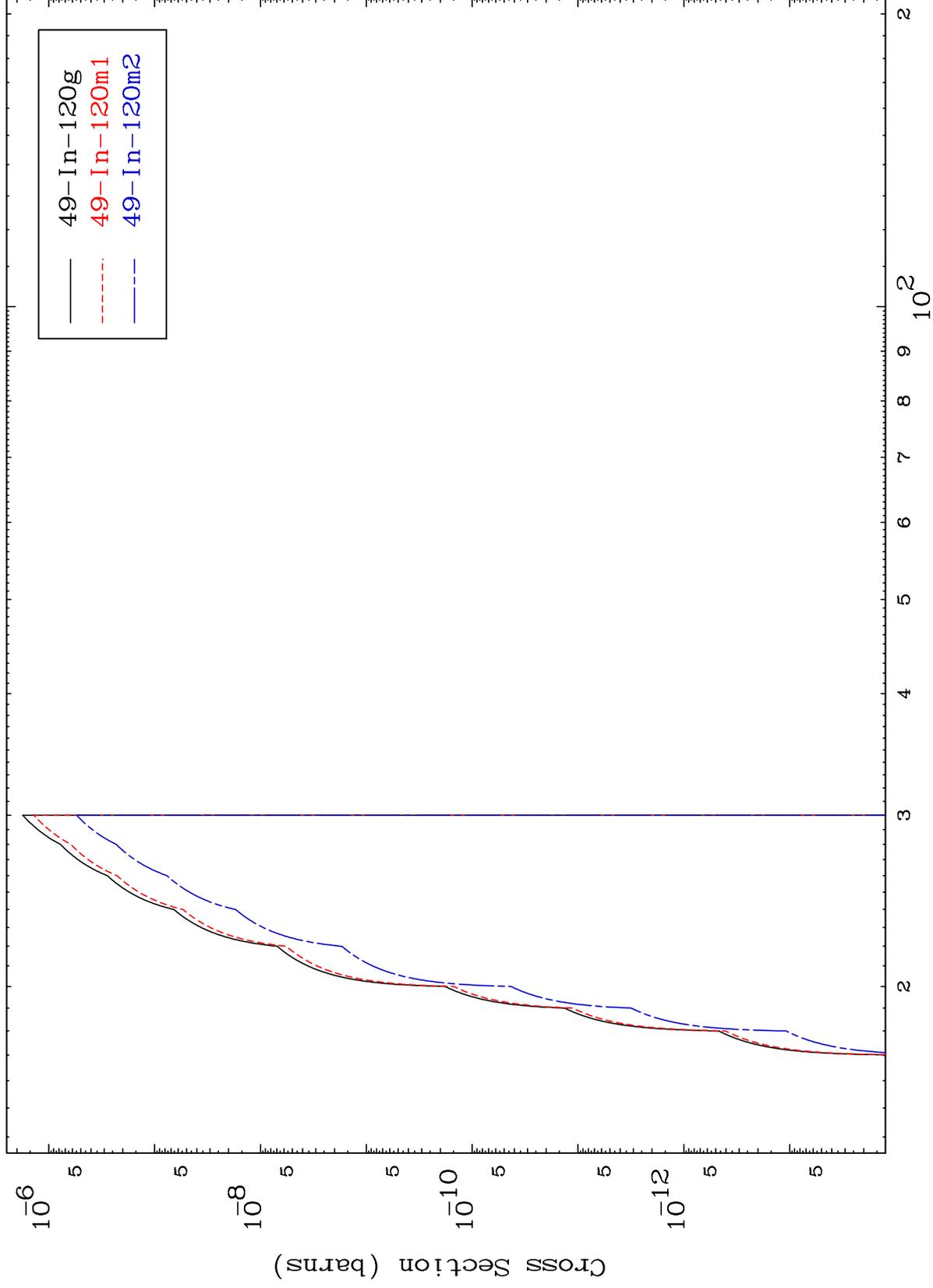
50-Sn-121

MAT 5053

(d,p) d

50-Sn-121

Radionuclide Production Cross Section



29

Incident Energy (MeV)

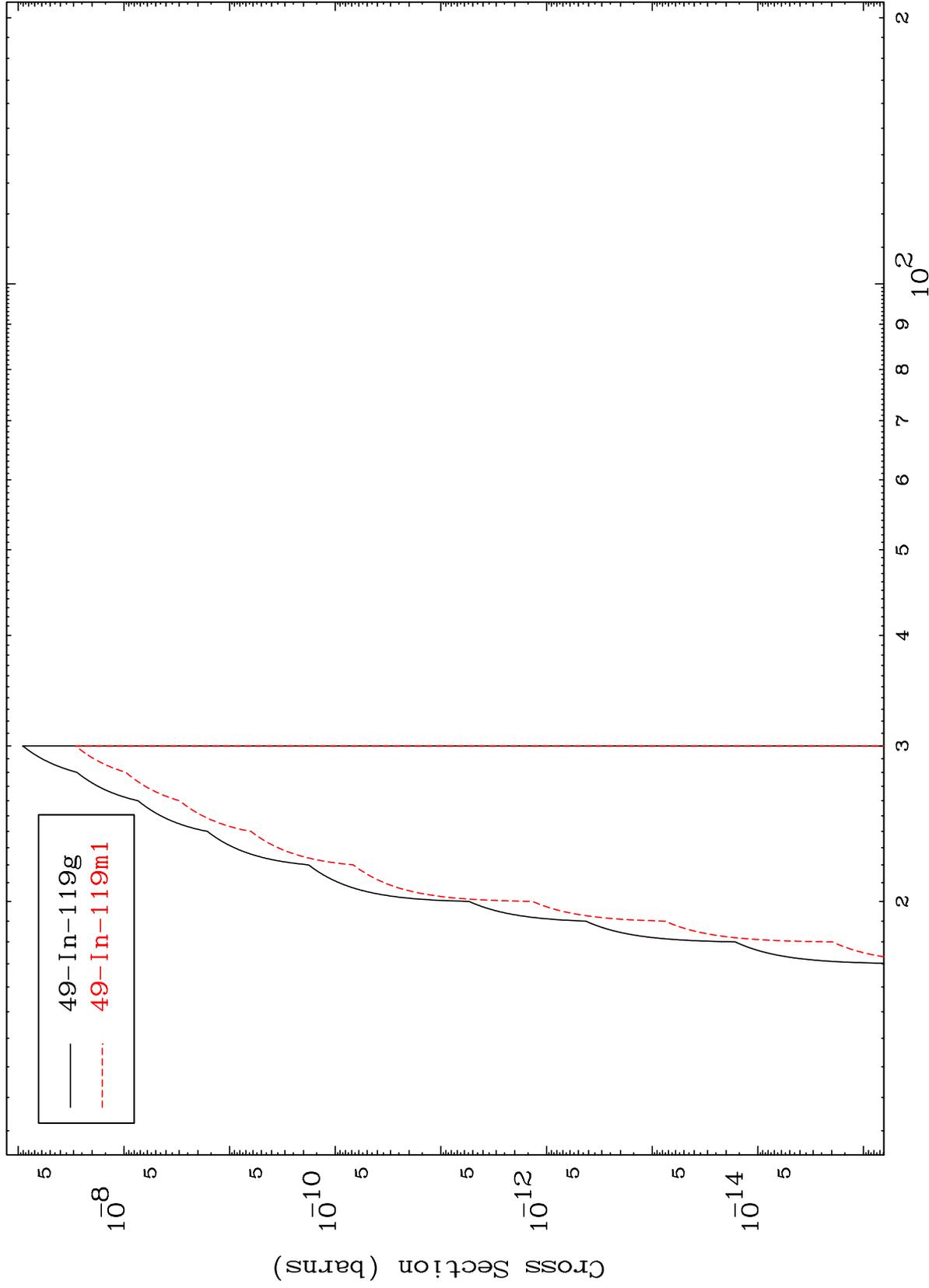
50-Sn-121

MAT 5053

(d,p) t

50-Sn-121

Radionuclide Production Cross Section



30

Incident Energy (MeV)

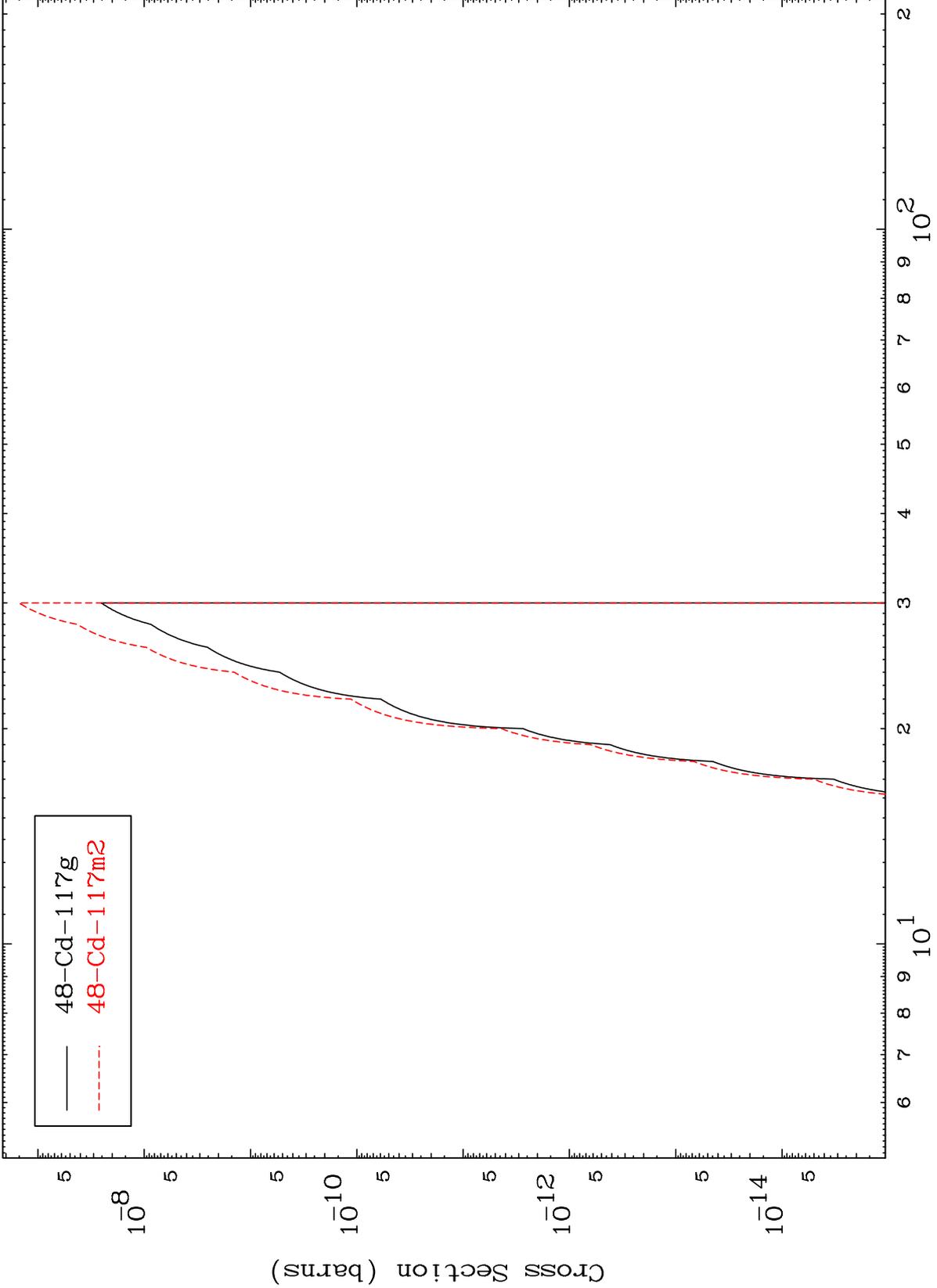
50-Sn-121

MAT 5053

(d,d)  $\alpha$

50-Sn-121

Radionuclide Production Cross Section



— 48-Cd-117g  
- - - 48-Cd-117m2