

Program EVALPLOT  
(Version 2018-1)

by

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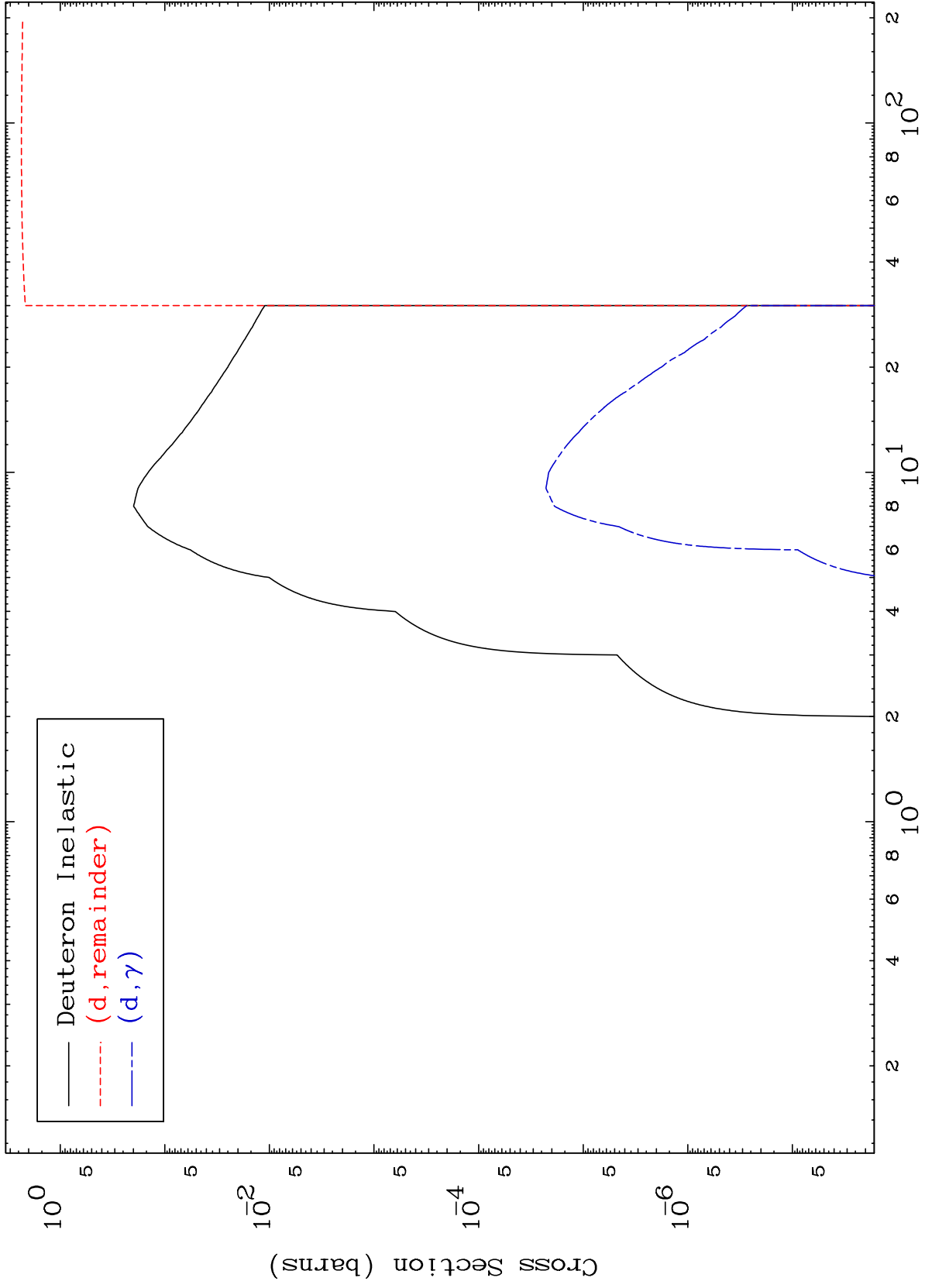
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Press Mouse Button to Start

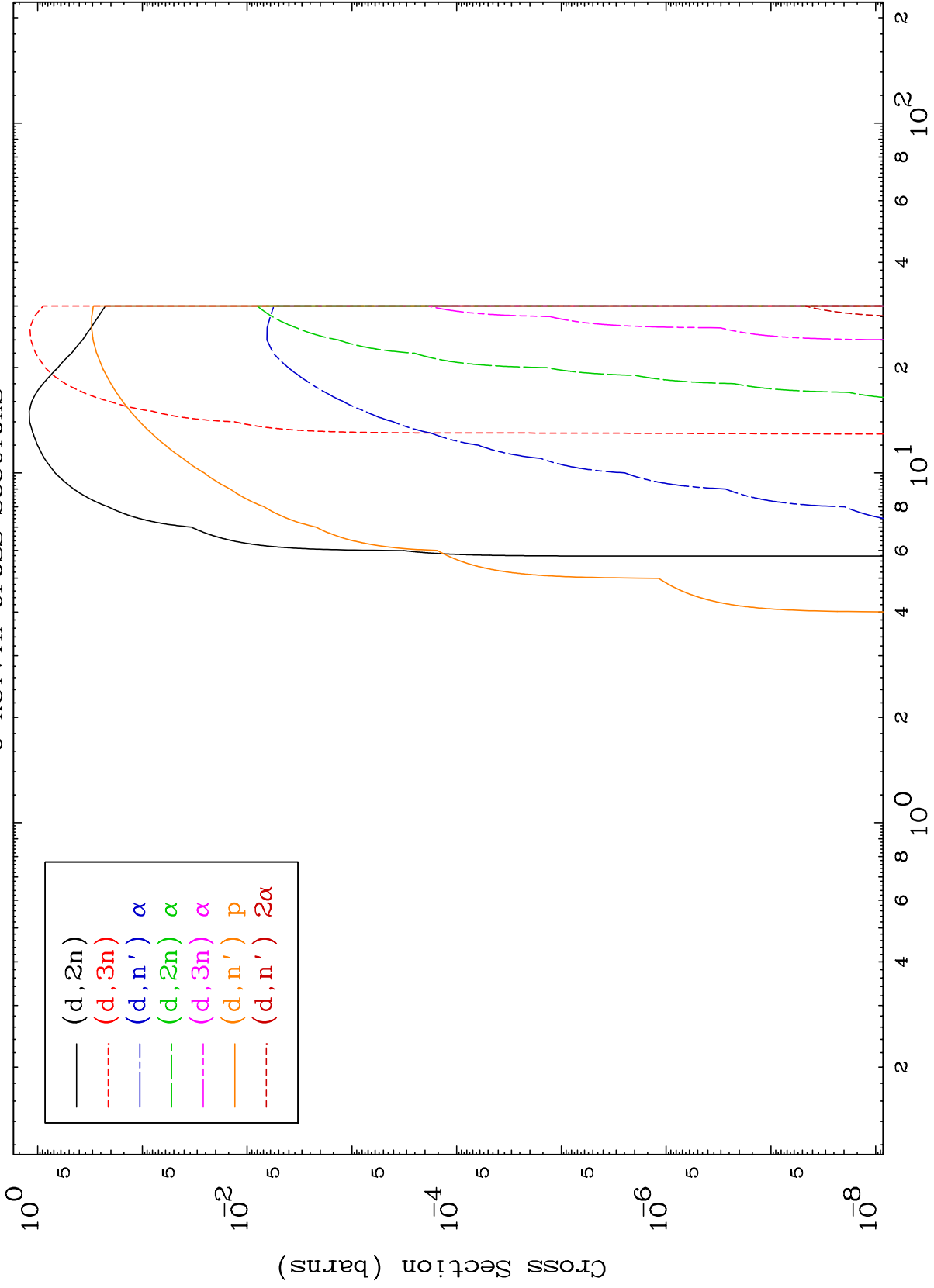
MAT 5049

Deuteron Major  
0 Kelvin Cross Sections

50-Sn-120



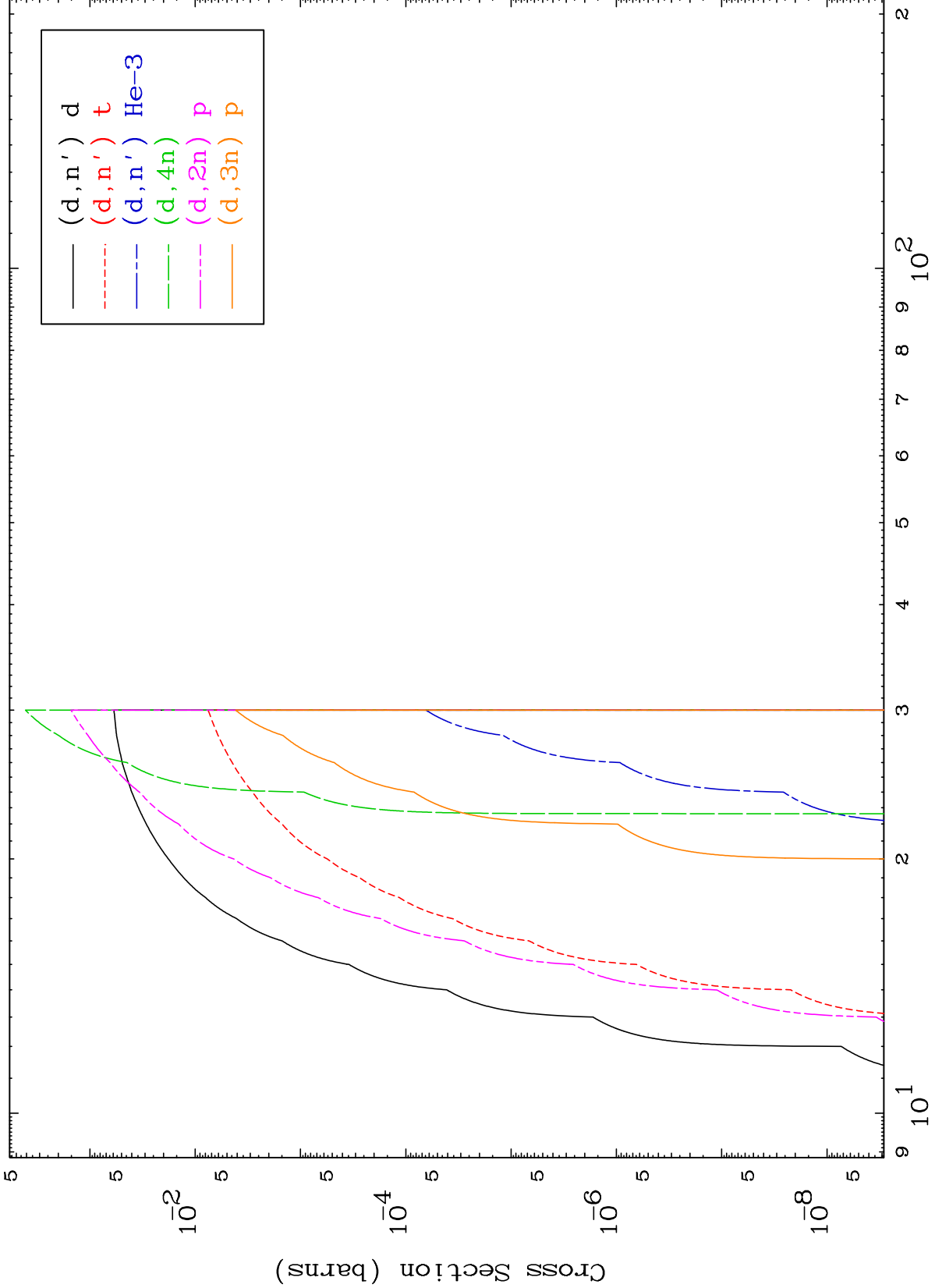
— Deuteron Inelastic  
- - - (d, remainder)  
- - - (d, γ)



MAT 5049

Deuteron Neutron Production  
0 Kelvin Cross Sections

50-Sn-120



50-Sn-120

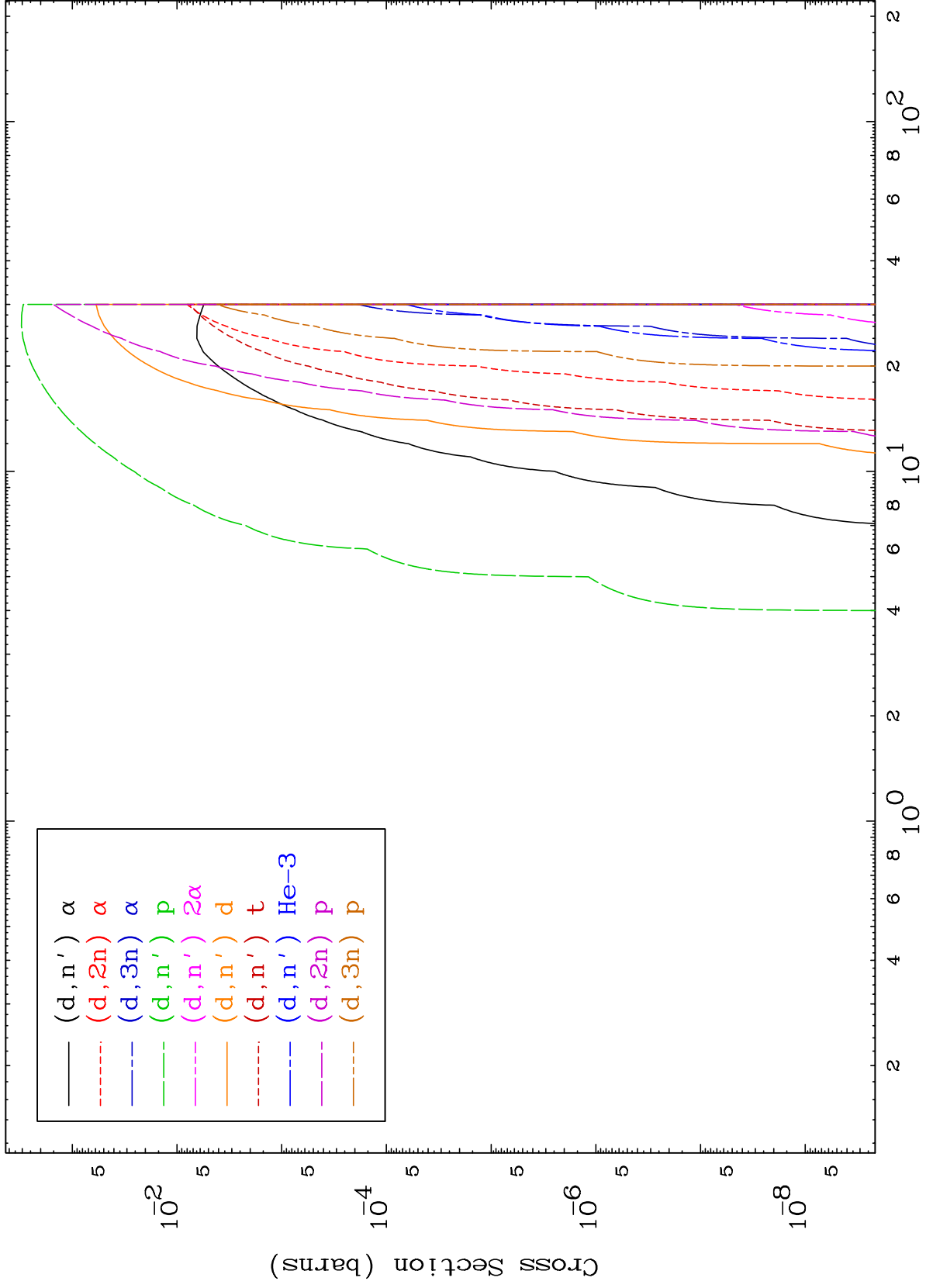
Incident Energy (MeV)

3

MAT 5049

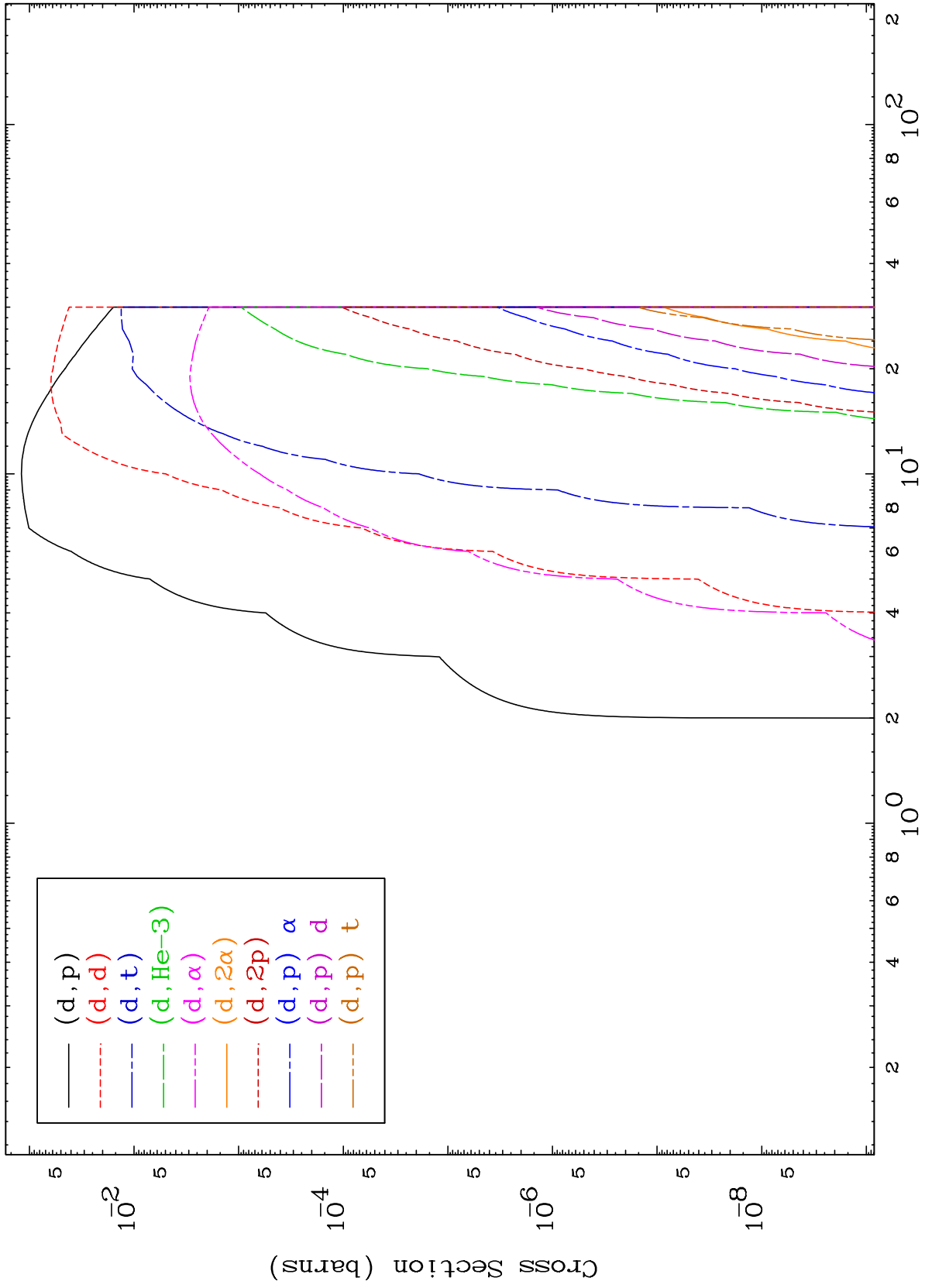
Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-120



Incident Energy (MeV)

50-Sn-120

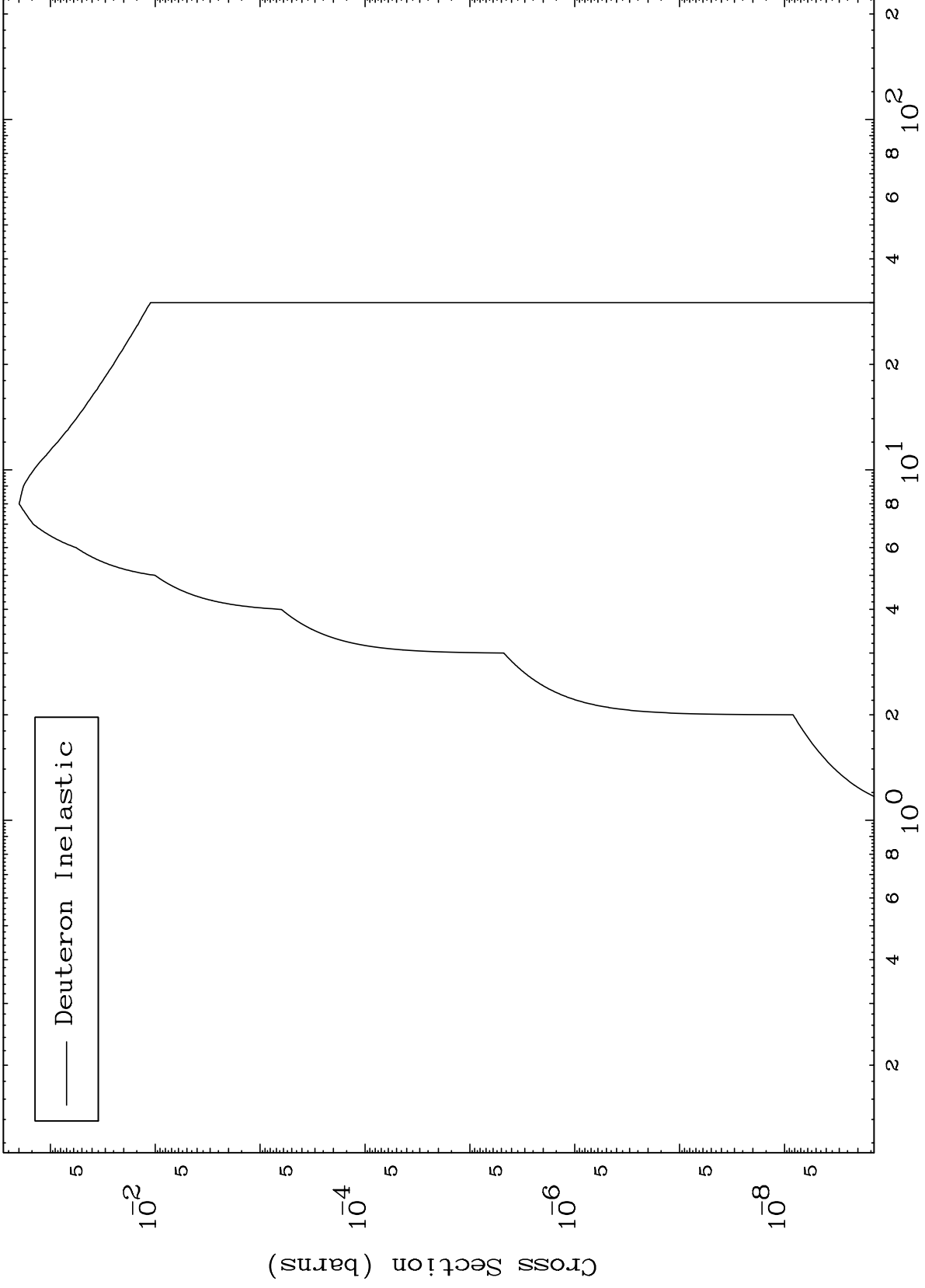


MAT 5049

(d,n') Level

50-Sn-120

0 Kelvin Cross Sections

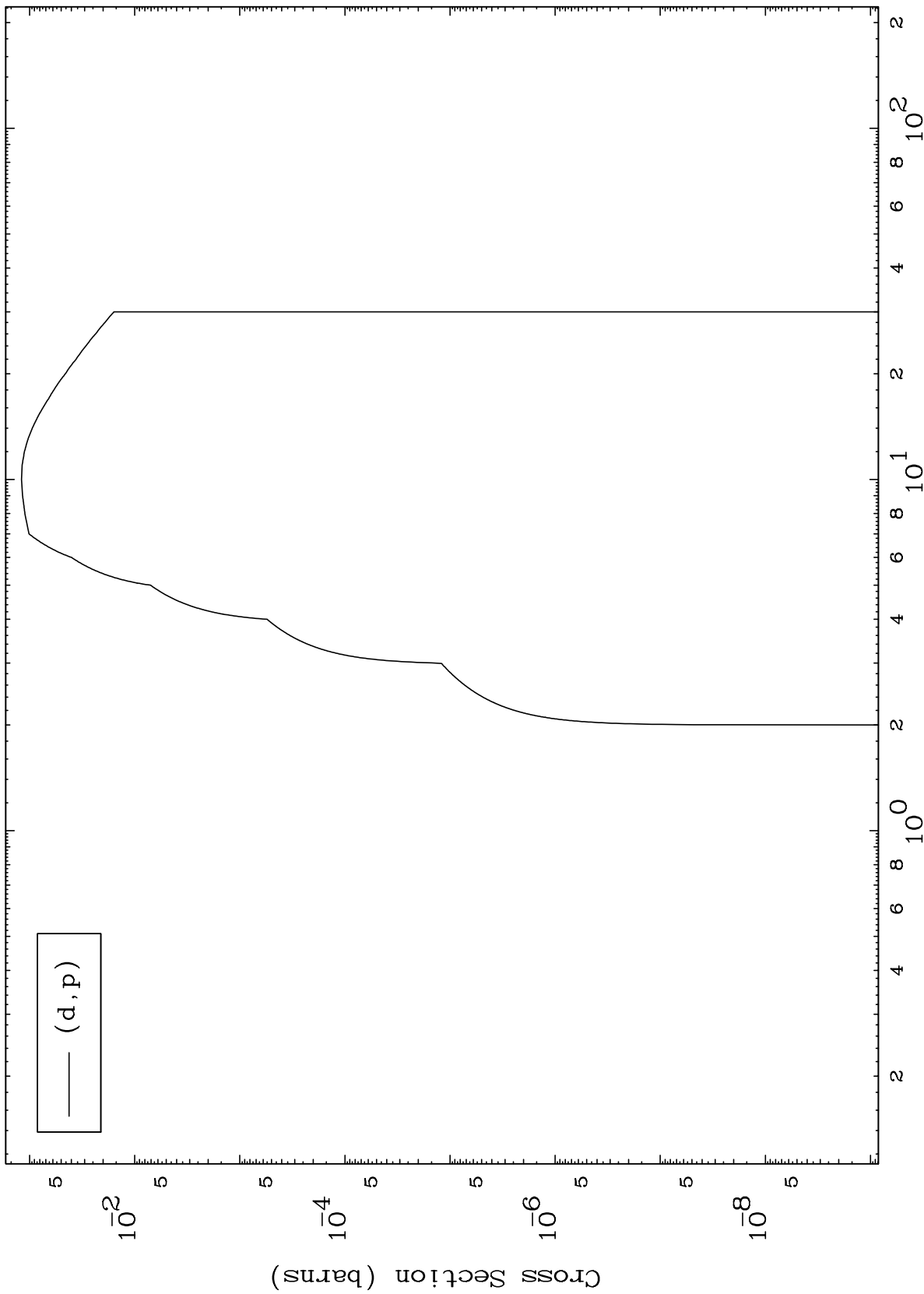


— Deuteron Inelastic

MAT 5049

50-Sn-120

(d,p) Levels  
0 Kelvin Cross Sections

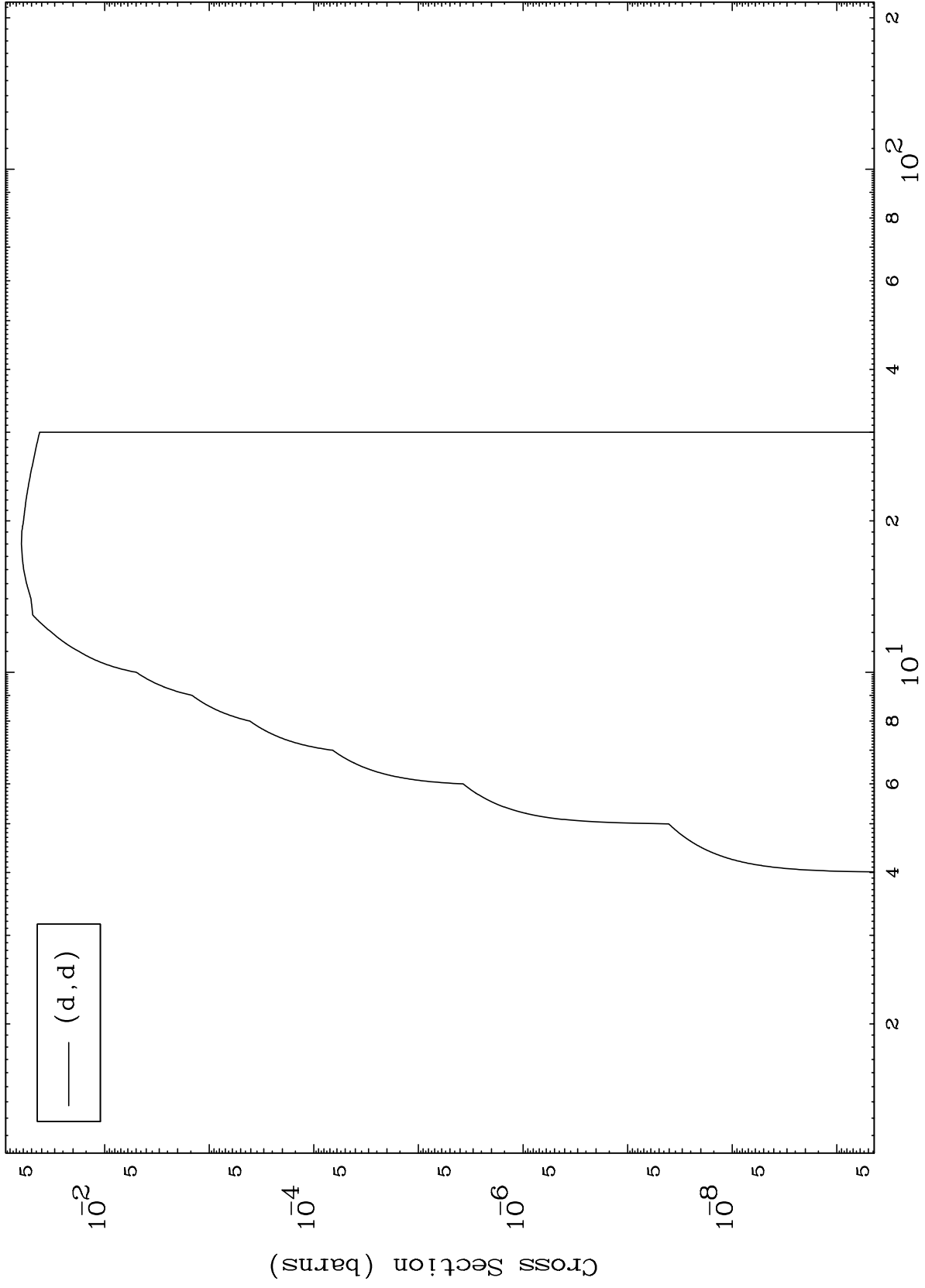




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(d,d) Levels  
0 Kelvin Cross Sections

50-Sn-120

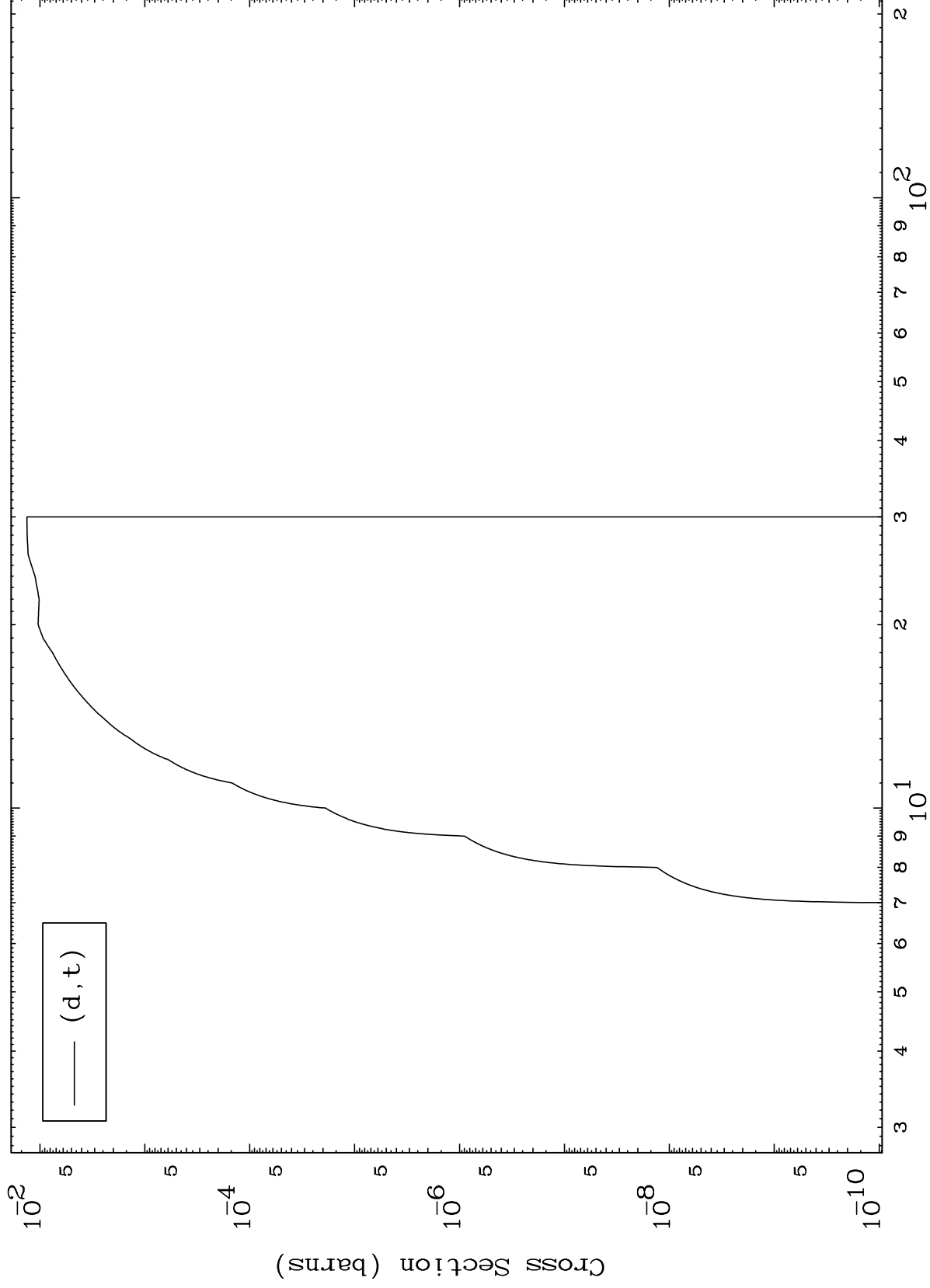


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(d,t) Levels

50-Sn-120

0 Kelvin Cross Sections



9

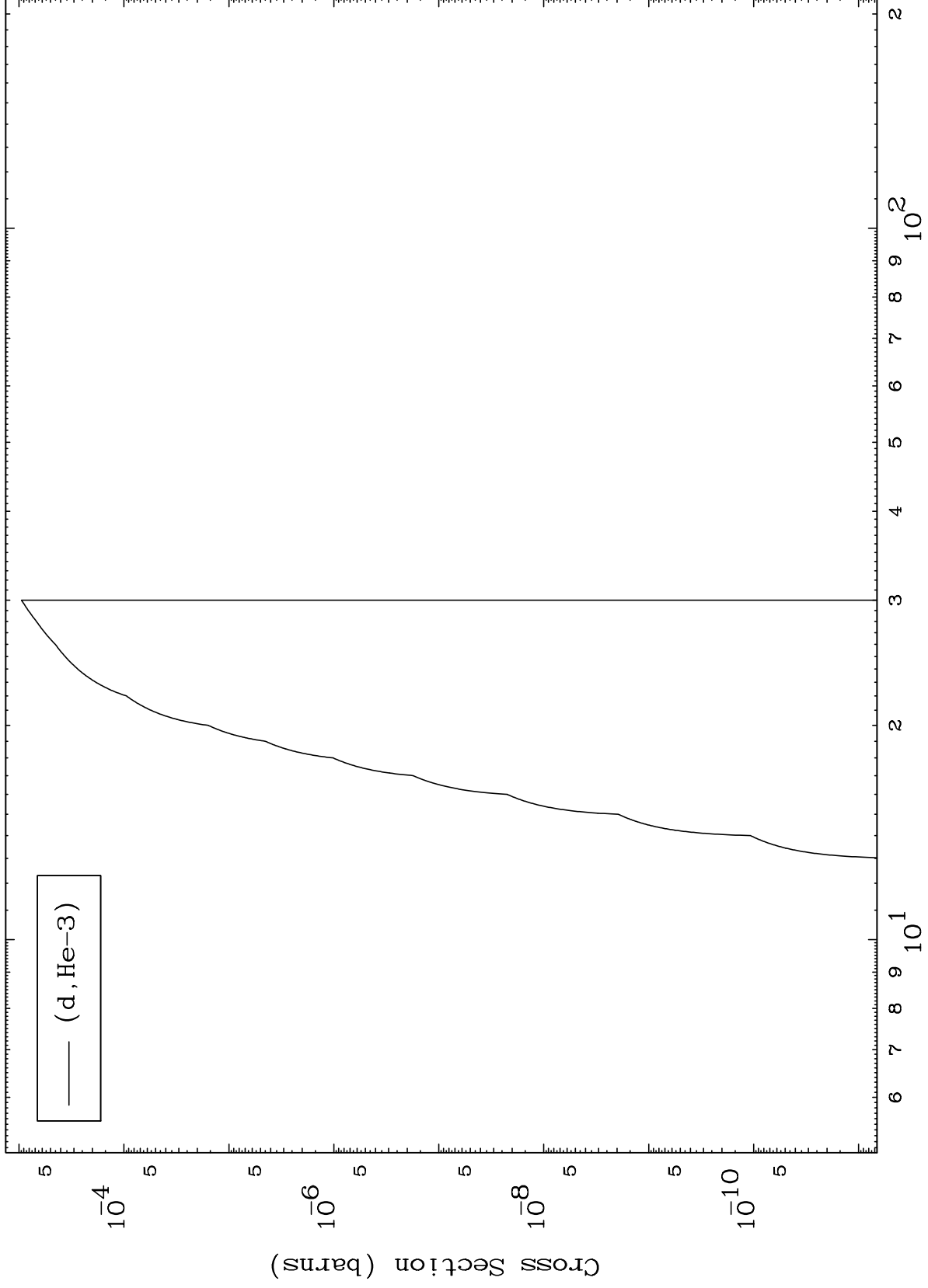
Incident Energy (MeV)

50-Sn-120

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(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-120



10

Incident Energy (MeV)

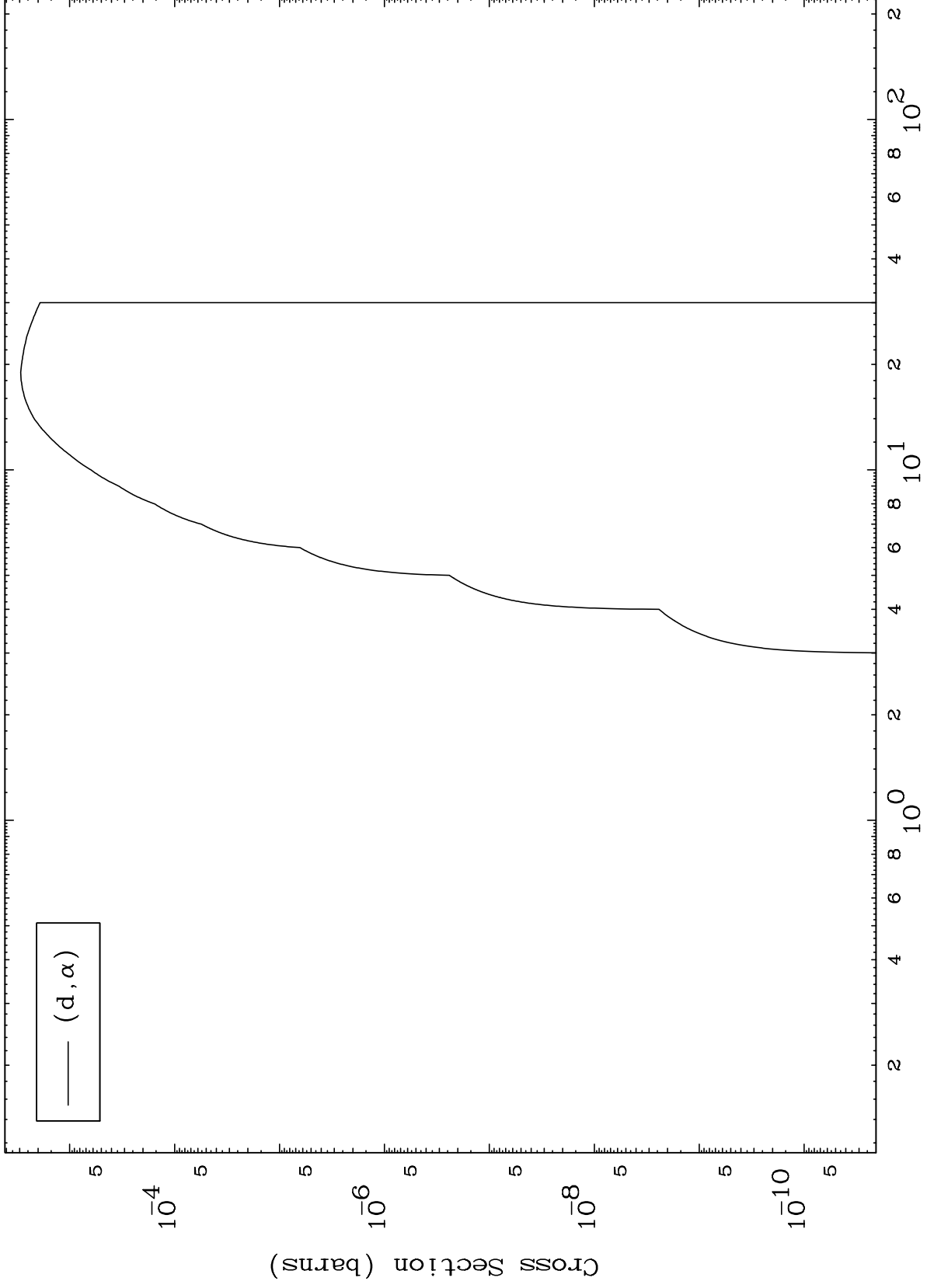
50-Sn-120

MAT 5049

(d,  $\alpha$ ) Levels

50-Sn-120

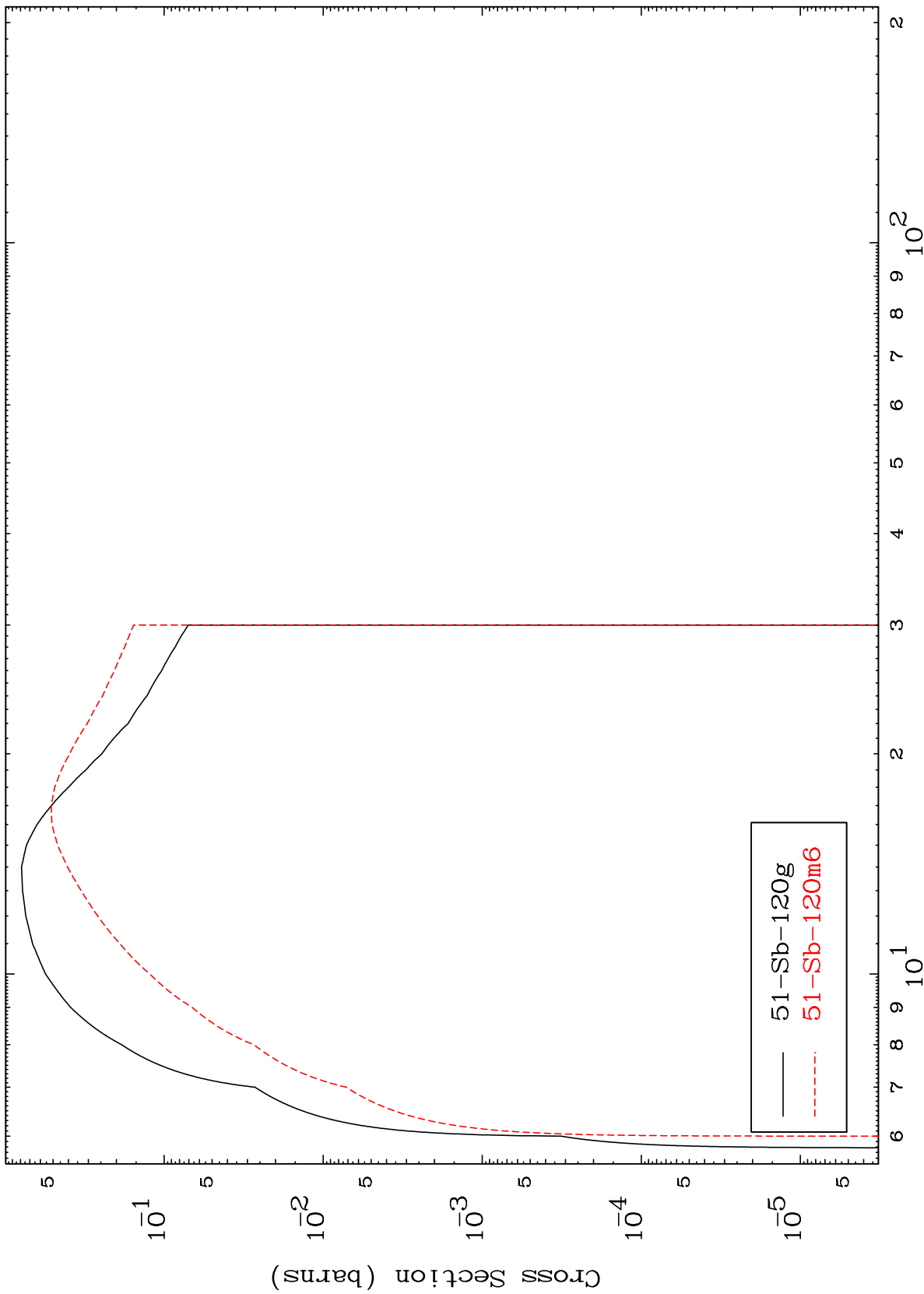
0 Kelvin Cross Sections



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50-Sn-120

Radionuclide Production Cross Section  
(d,2n)



50-Sn-120

Incident Energy (MeV)

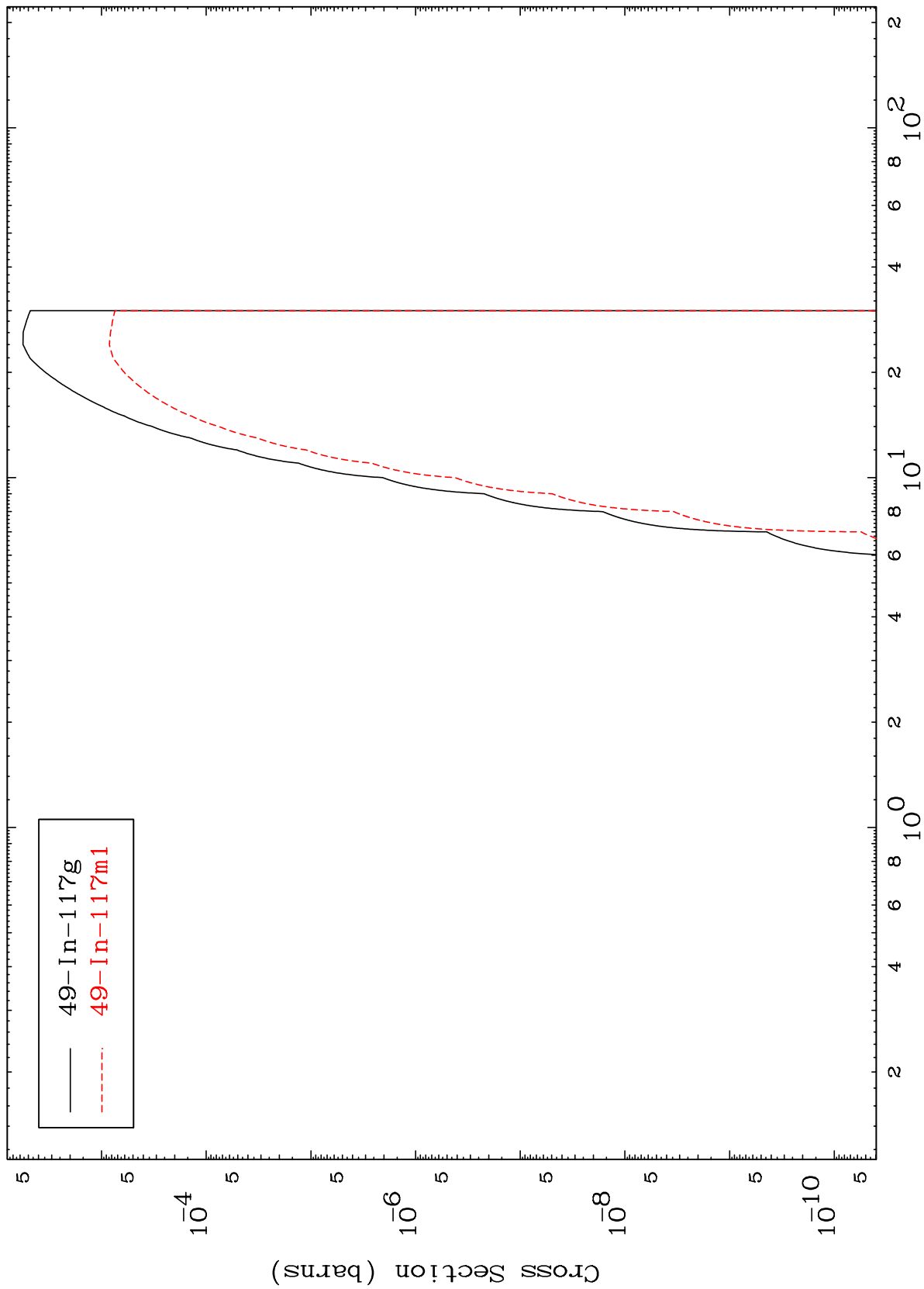
12

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(d,n')  $\alpha$

50-Sn-120

Radionuclide Production Cross Section

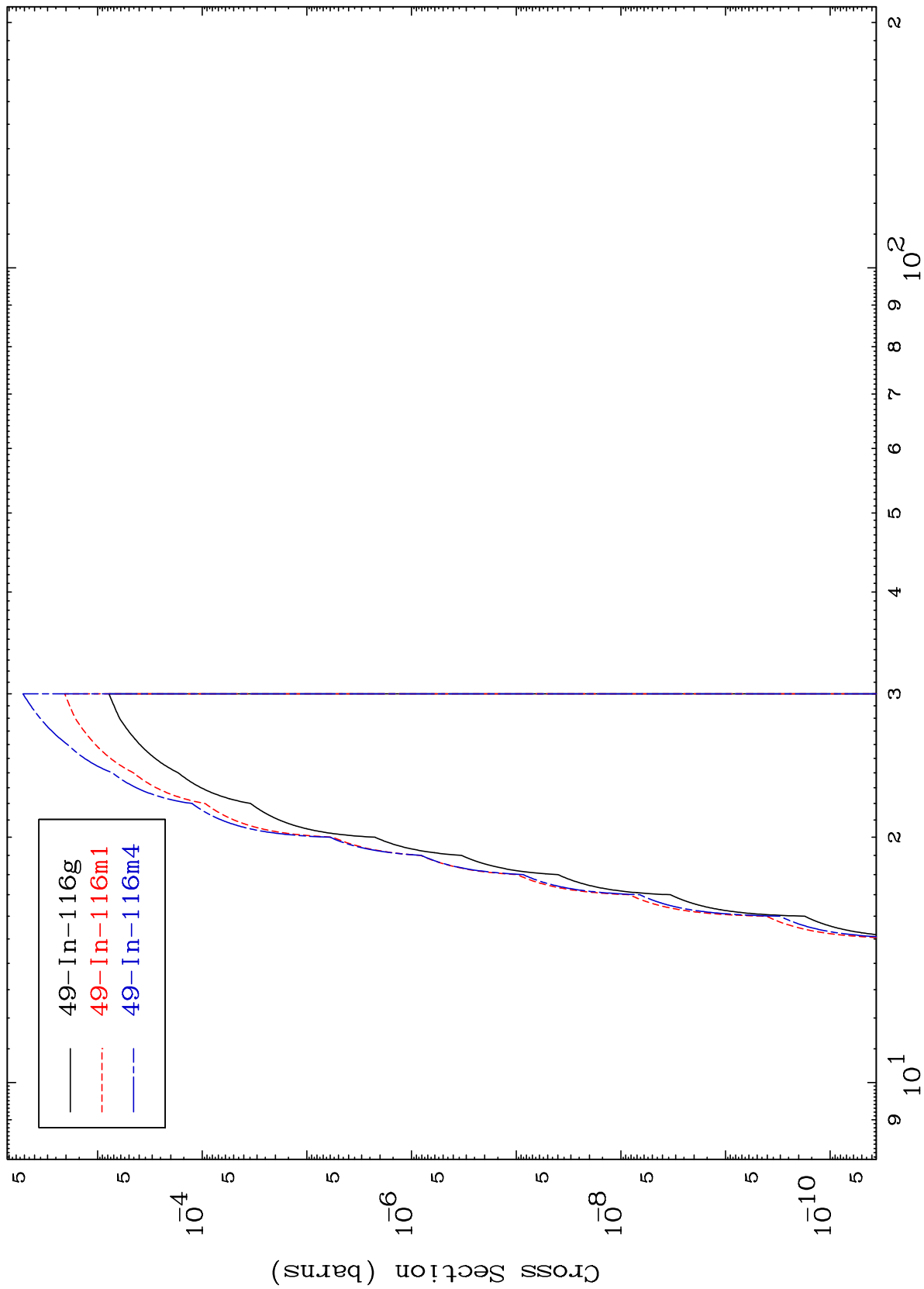


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50-Sn-120

(d,2n)  $\alpha$

Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

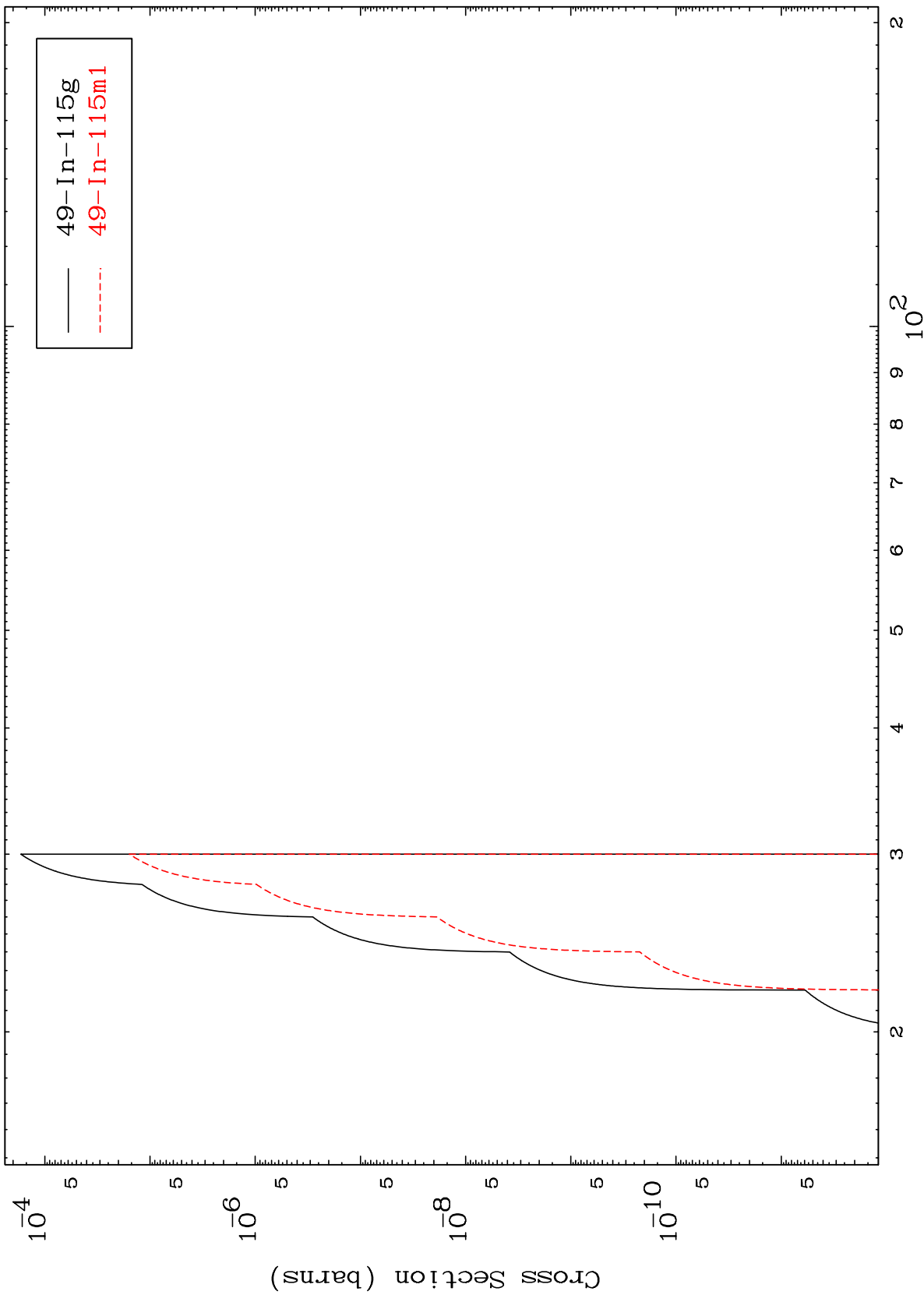
14

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(d,3n)  $\alpha$

50-Sn-120

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-120

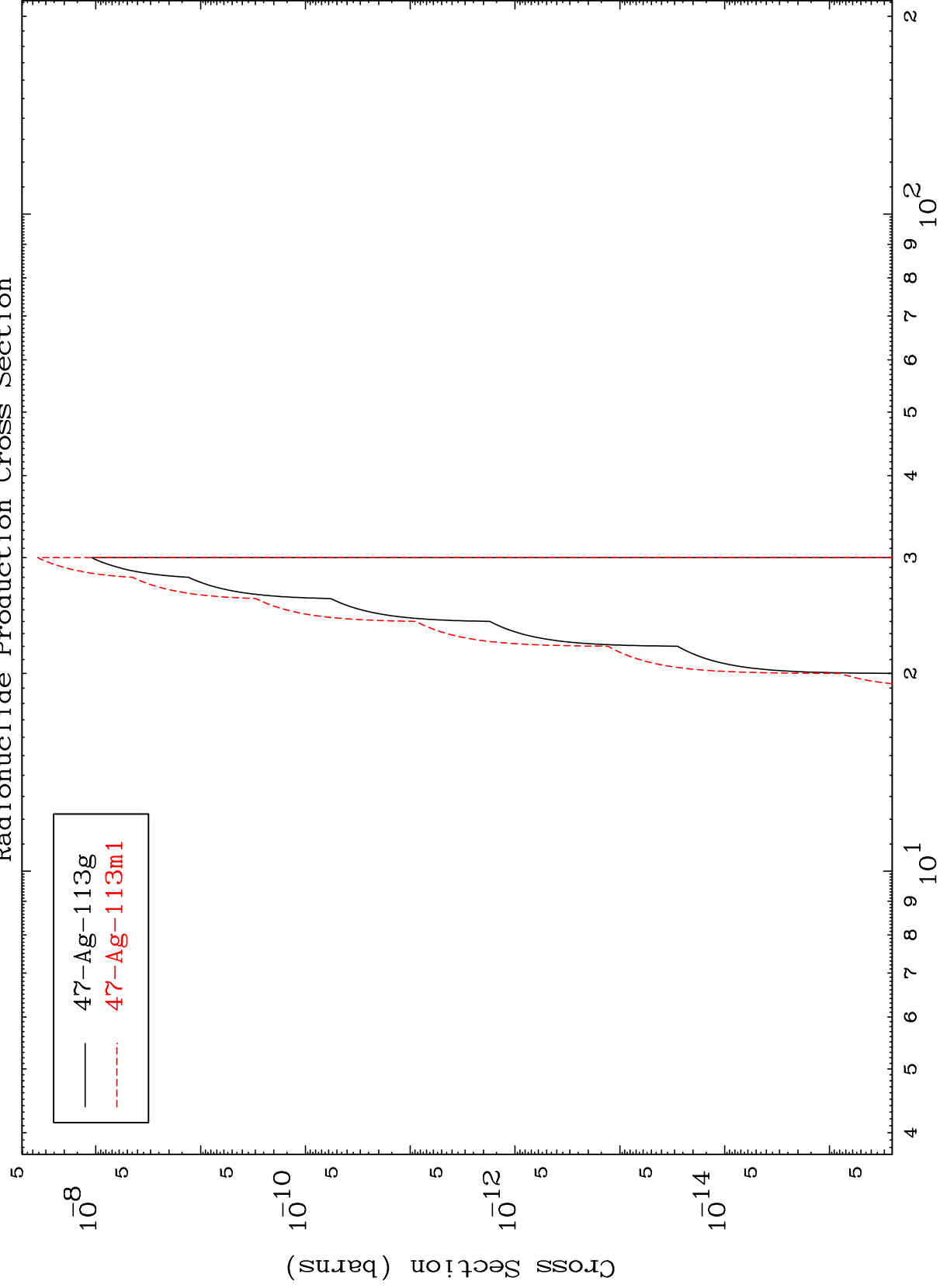


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(d,n')  $2\alpha$

50-Sn-120

Radionuclide Production Cross Section



— 47-Ag-113g  
- - - 47-Ag-113m1

16

Incident Energy (MeV)

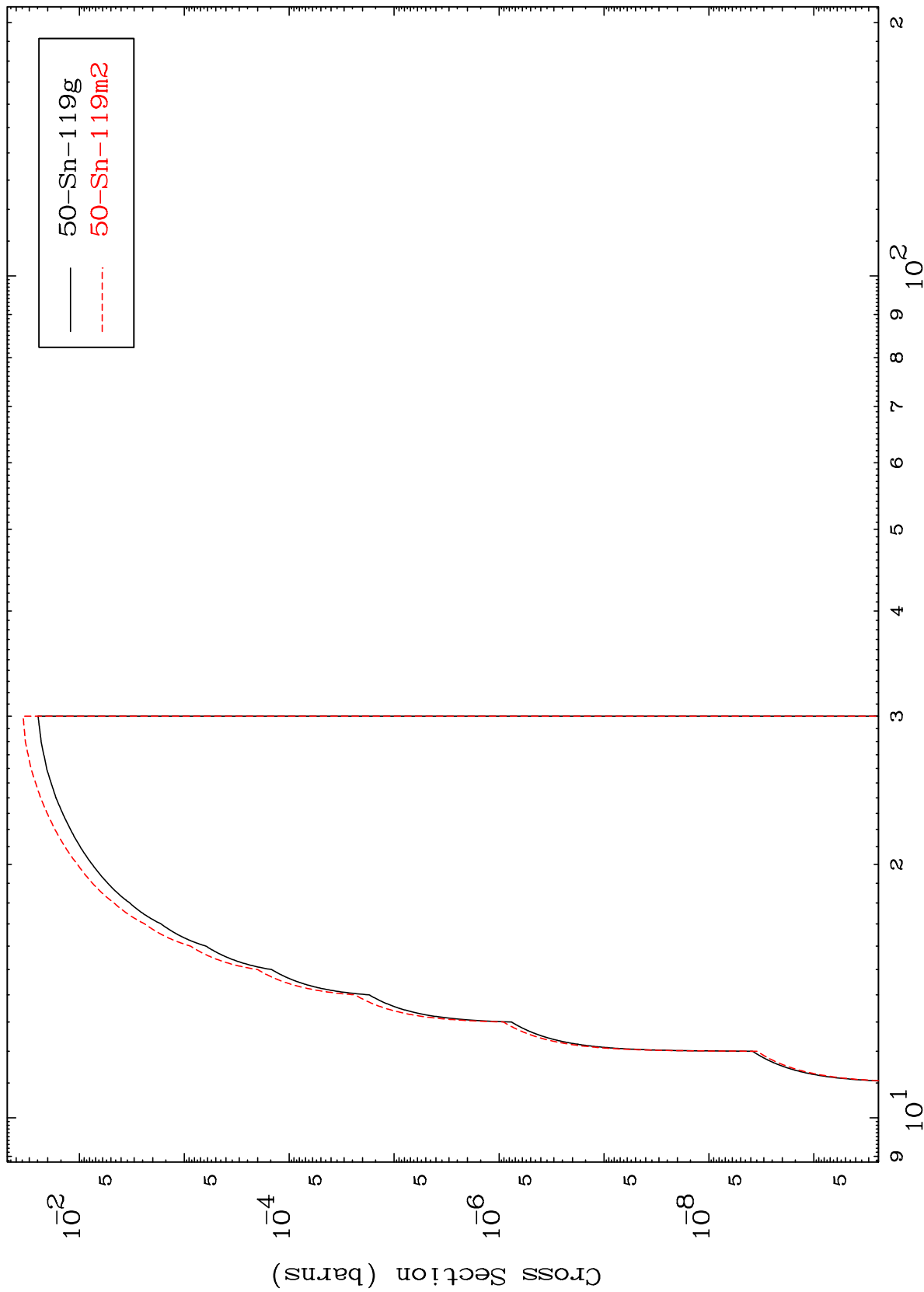
50-Sn-120

MAT 5049

(d,n') d

50-Sn-120

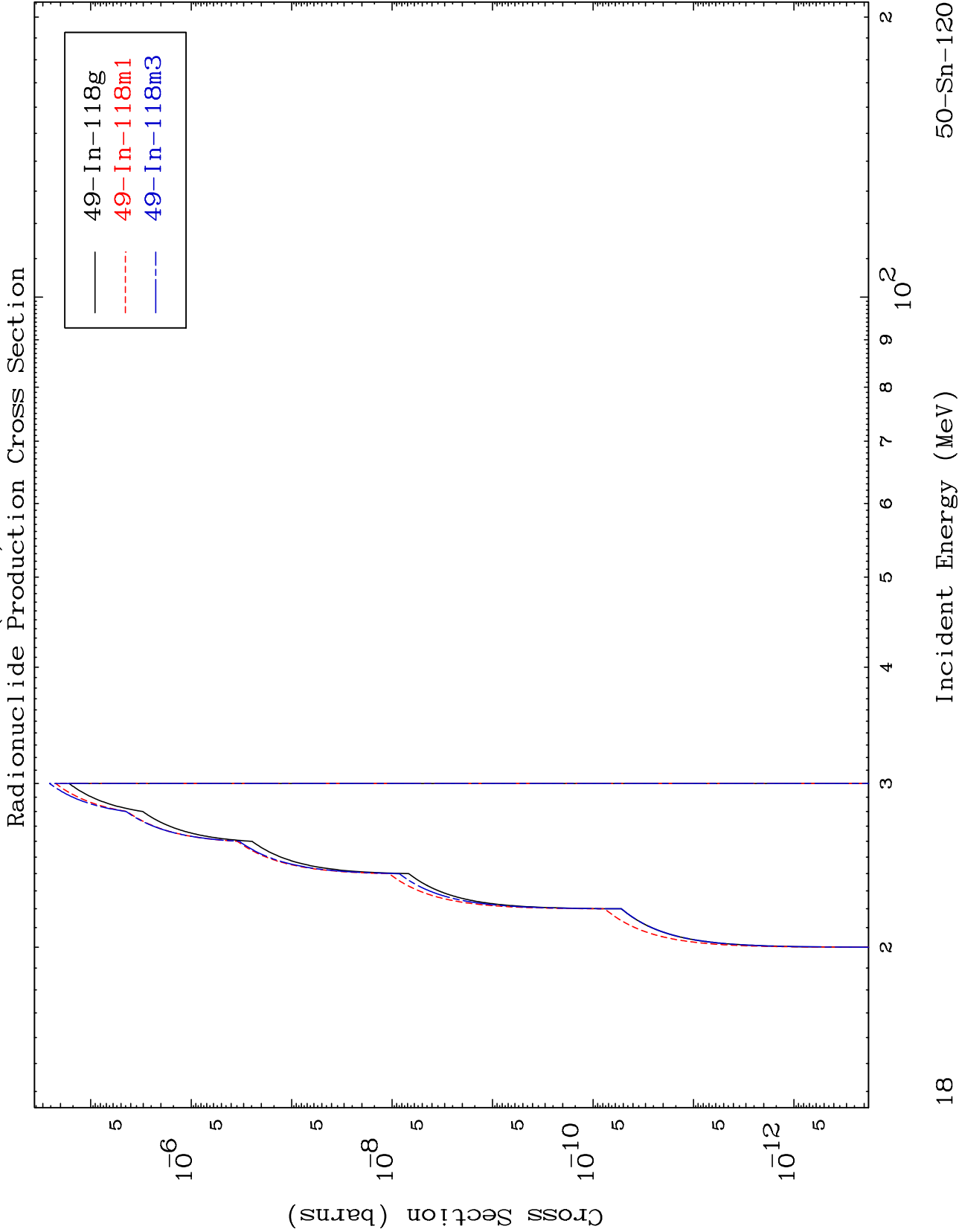
Radionuclide Production Cross Section



17

Incident Energy (MeV)

50-Sn-120

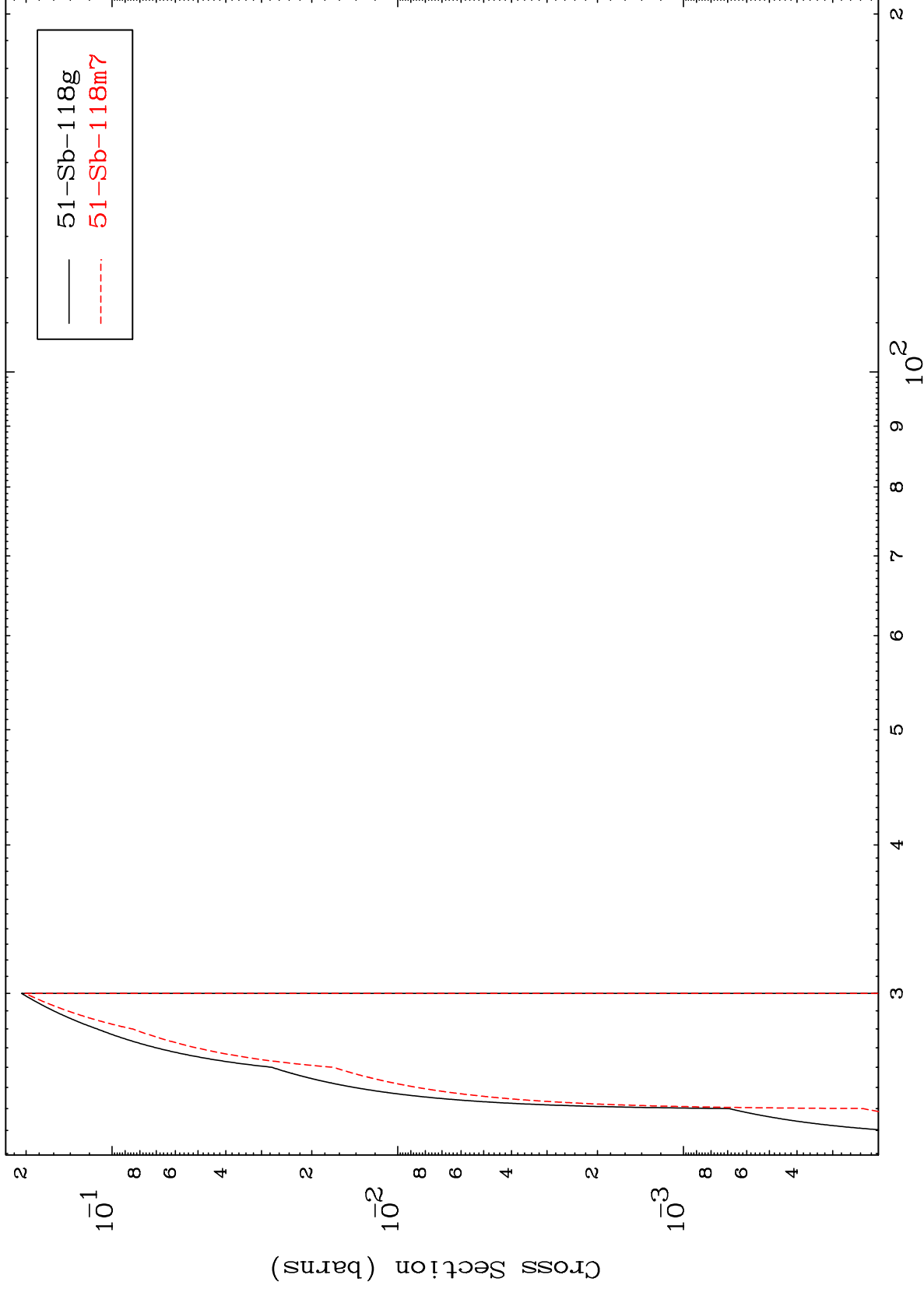


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(d,4n)

50-Sn-120

Radionuclide Production Cross Section



19

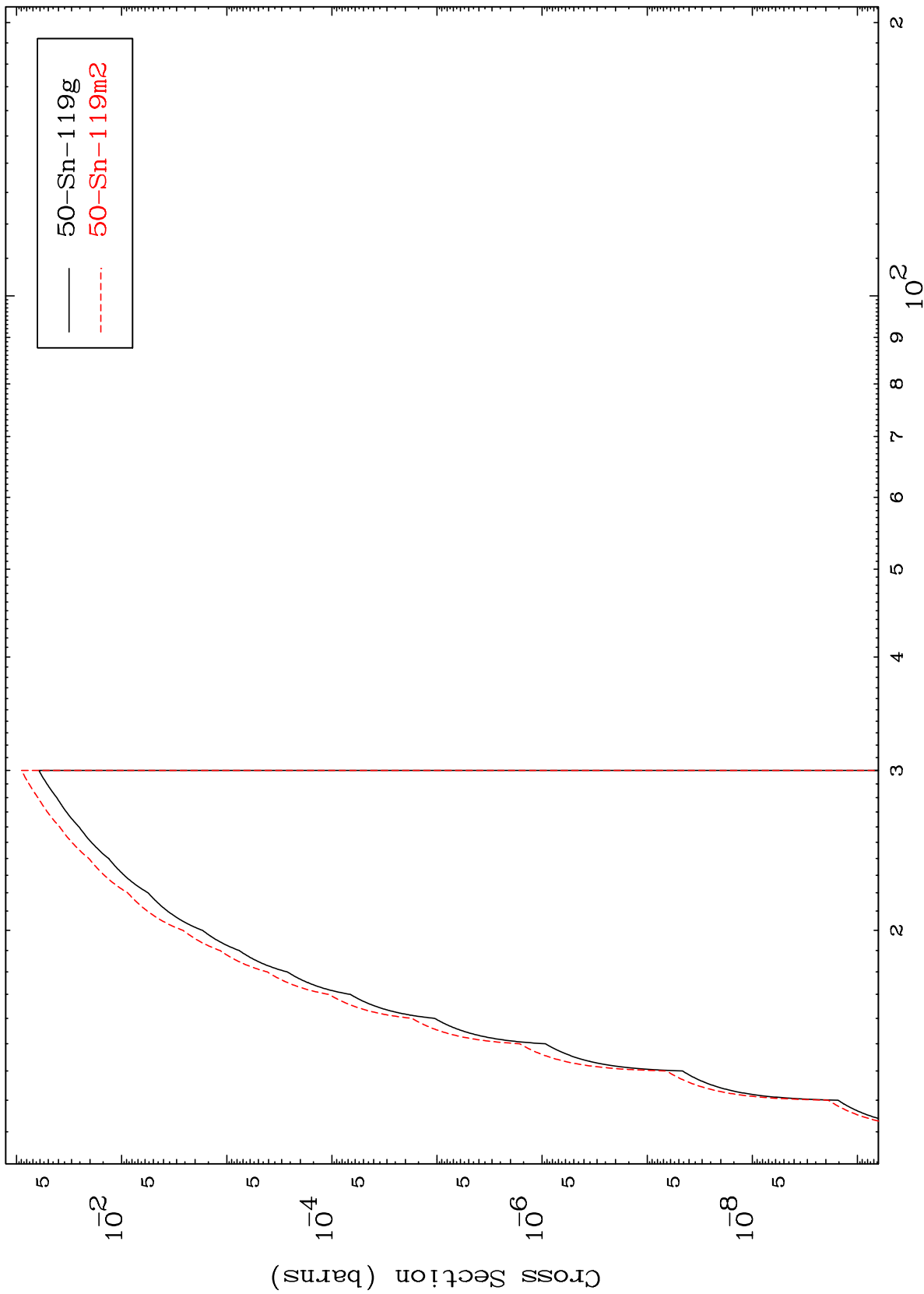
Incident Energy (MeV)

50-Sn-120

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50-Sn-120

(d,2n) p  
Radionuclide Production Cross Section



50-Sn-119g  
50-Sn-119m2

20

Incident Energy (MeV)

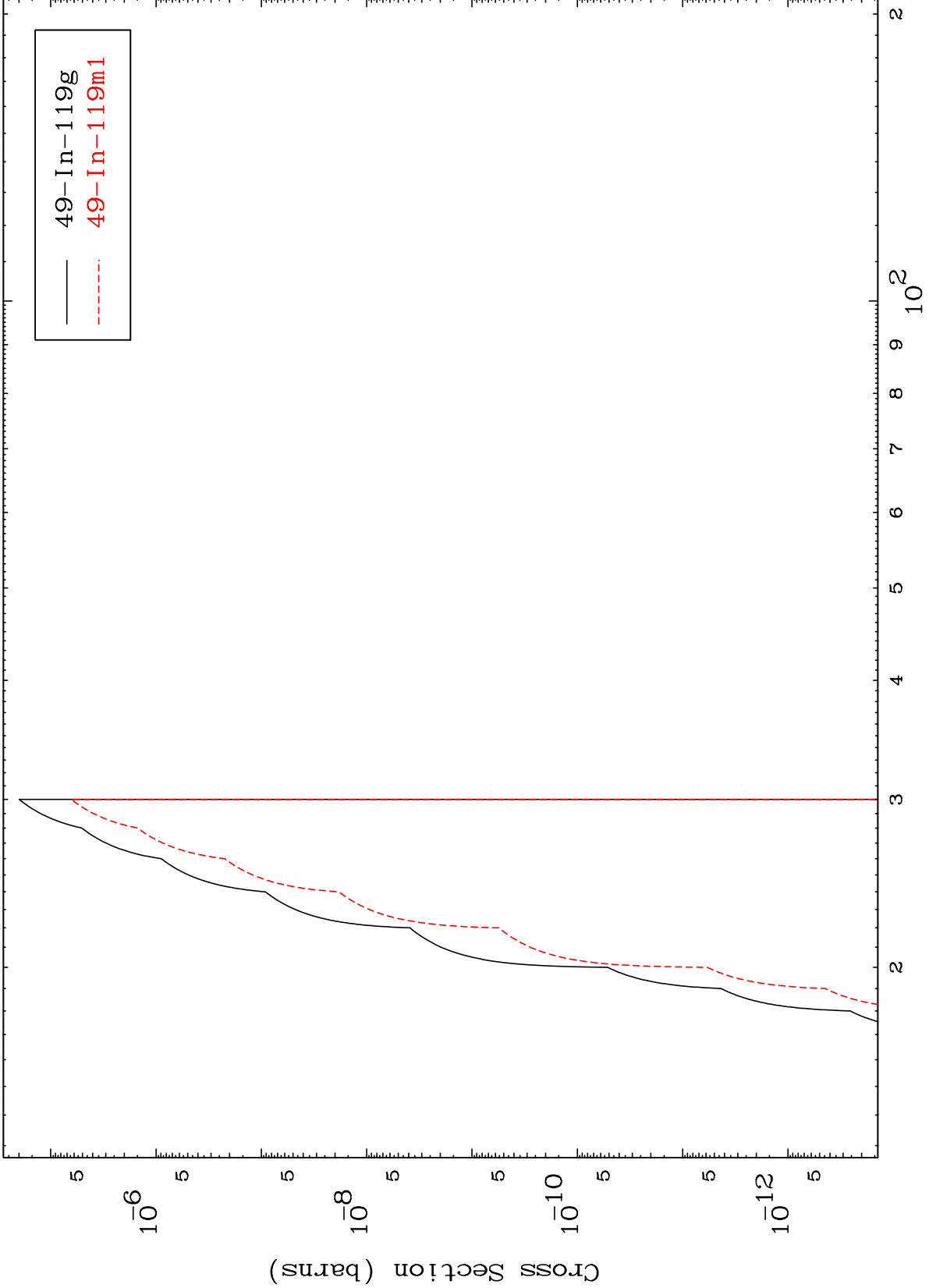
50-Sn-120

MAT 5049

(d,2n) p

50-Sn-120

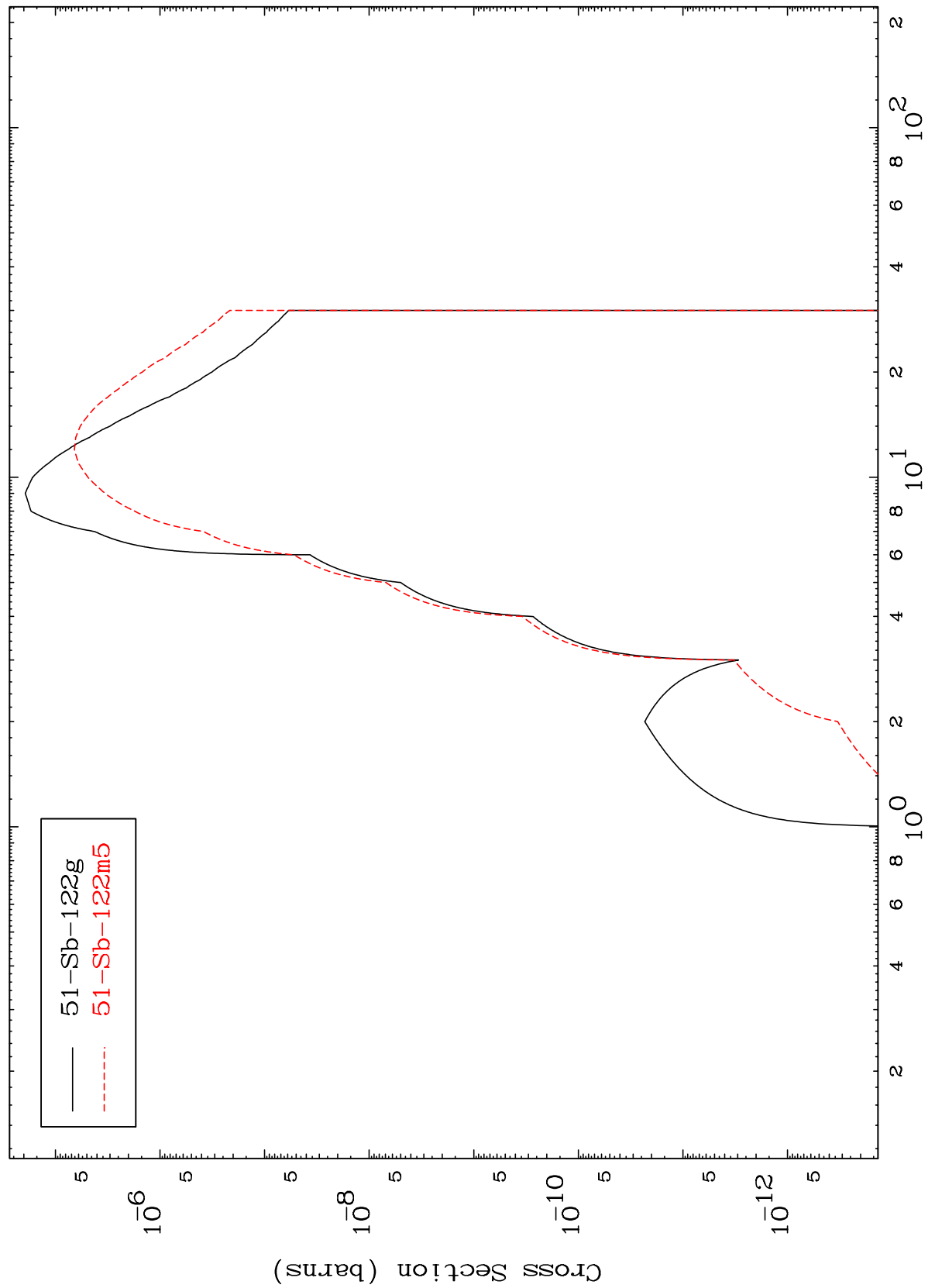
Radionuclide Production Cross Section



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50-Sn-120

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



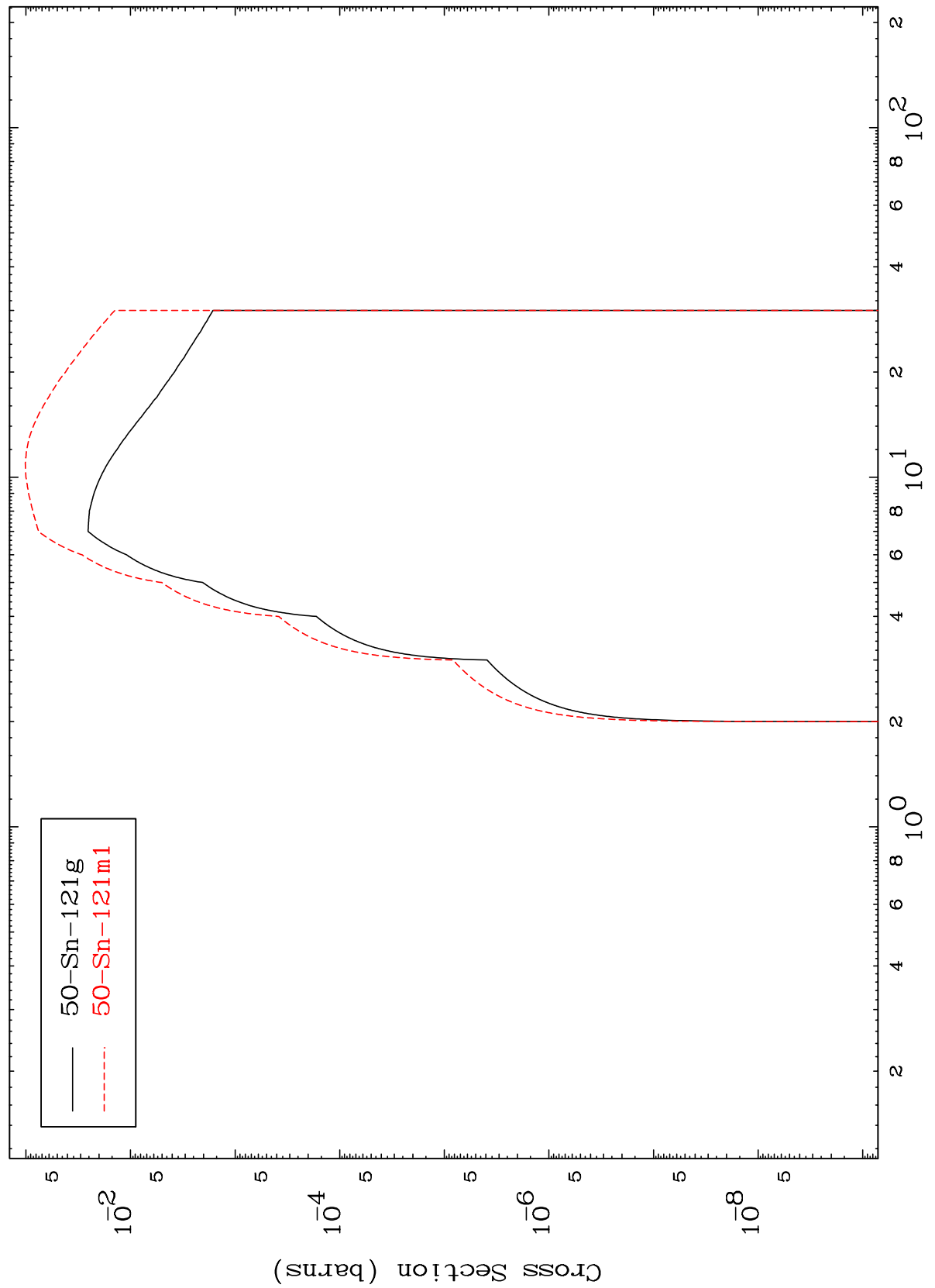
50-Sn-120

Incident Energy (MeV)

MAT 5049

50-Sn-120

(d,p)  
Radionuclide Production Cross Section



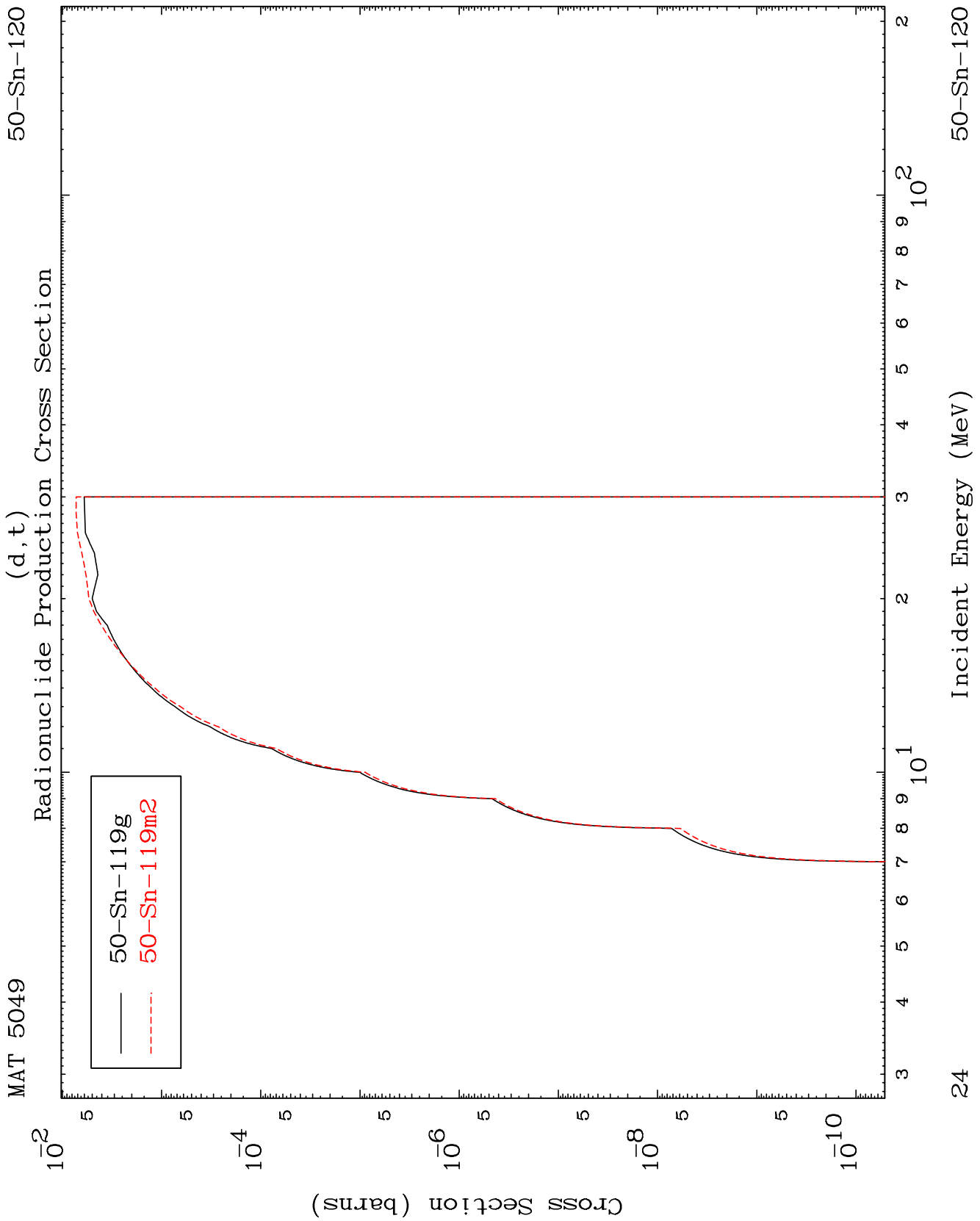
— 50-Sn-121g  
- - - 50-Sn-121m1

50-Sn-120

Incident Energy (MeV)

23



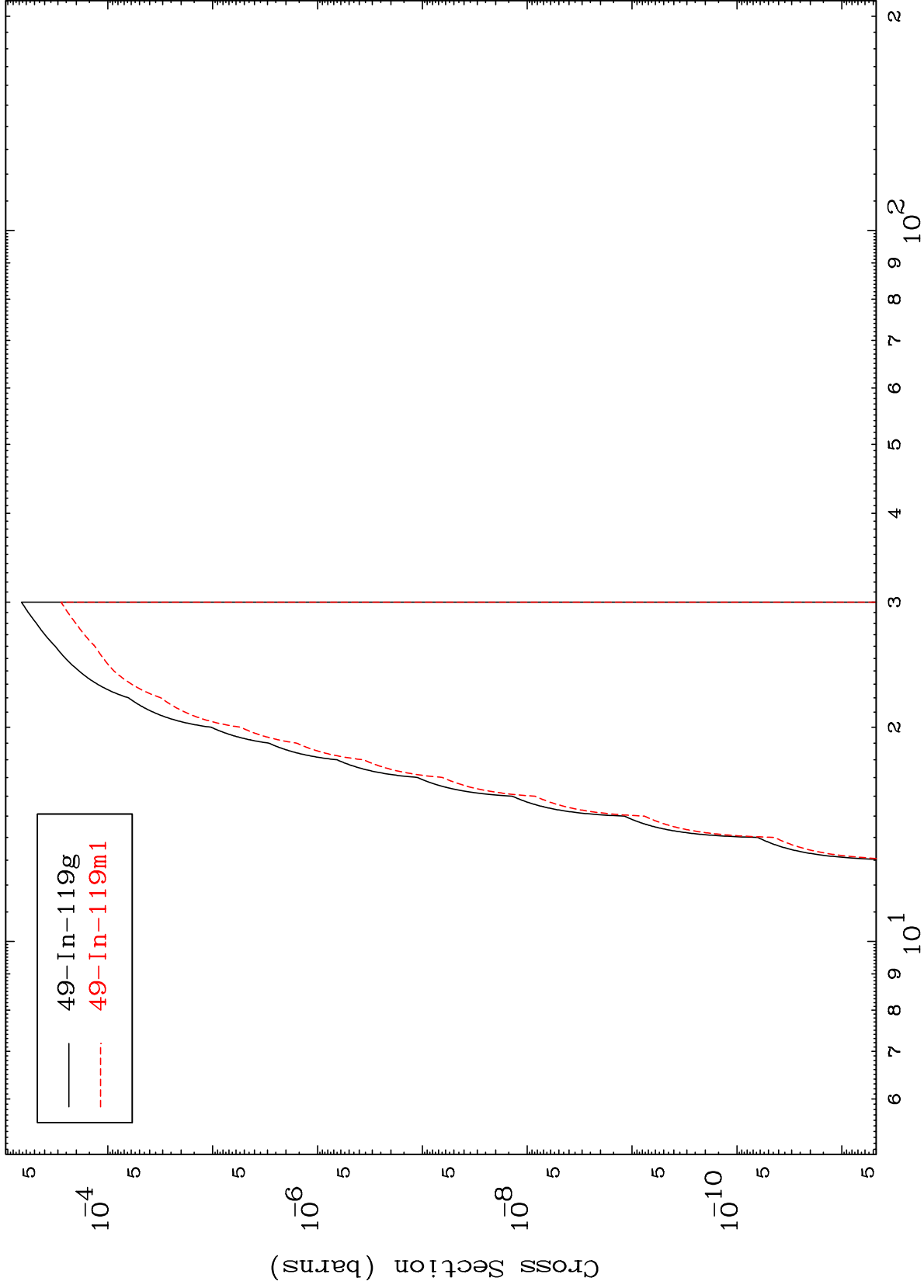


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(d,He-3)

50-Sn-120

Radionuclide Production Cross Section



25

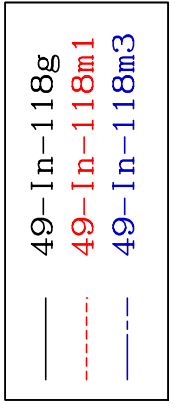
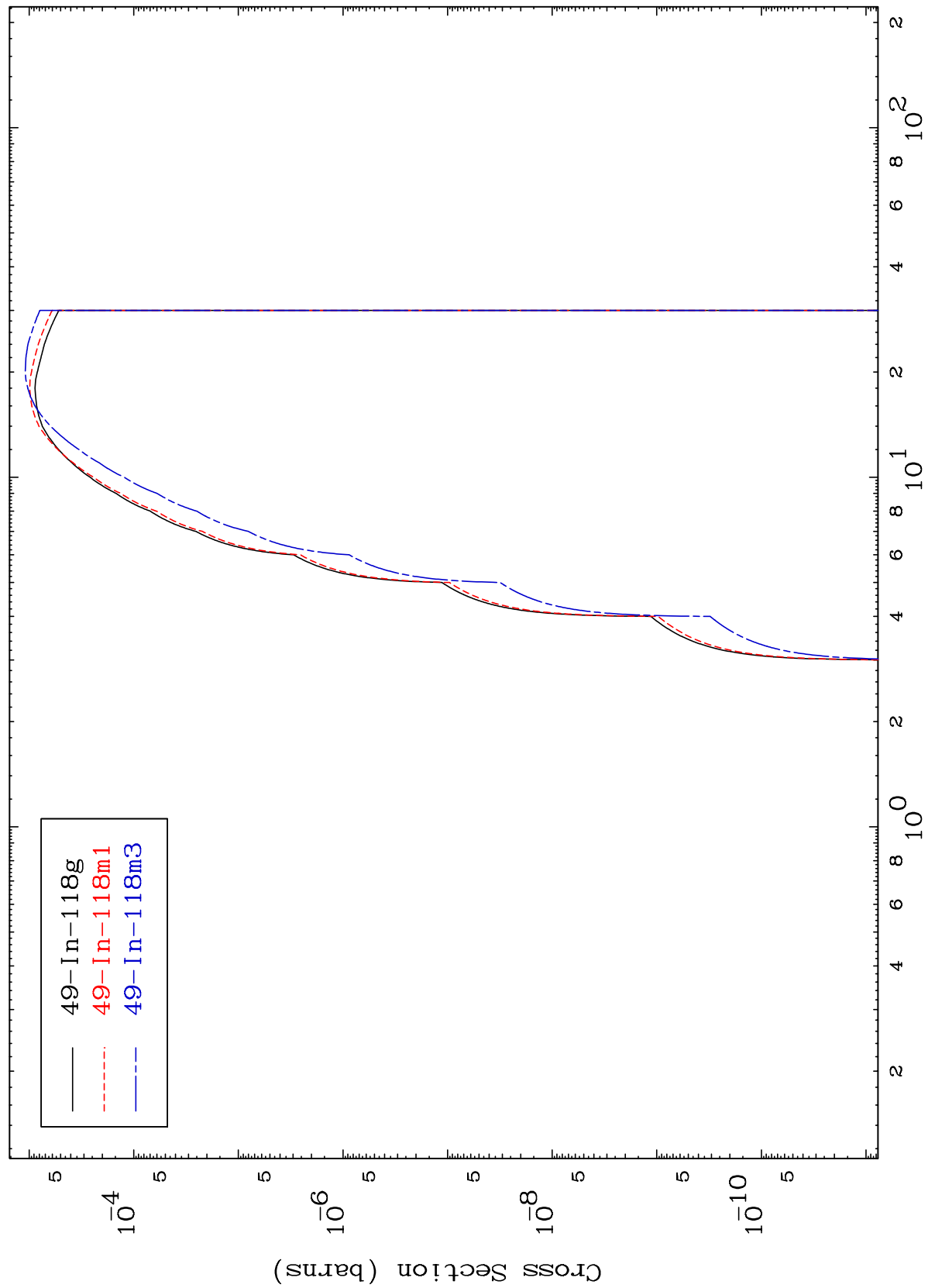
Incident Energy (MeV)

50-Sn-120

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50-Sn-120

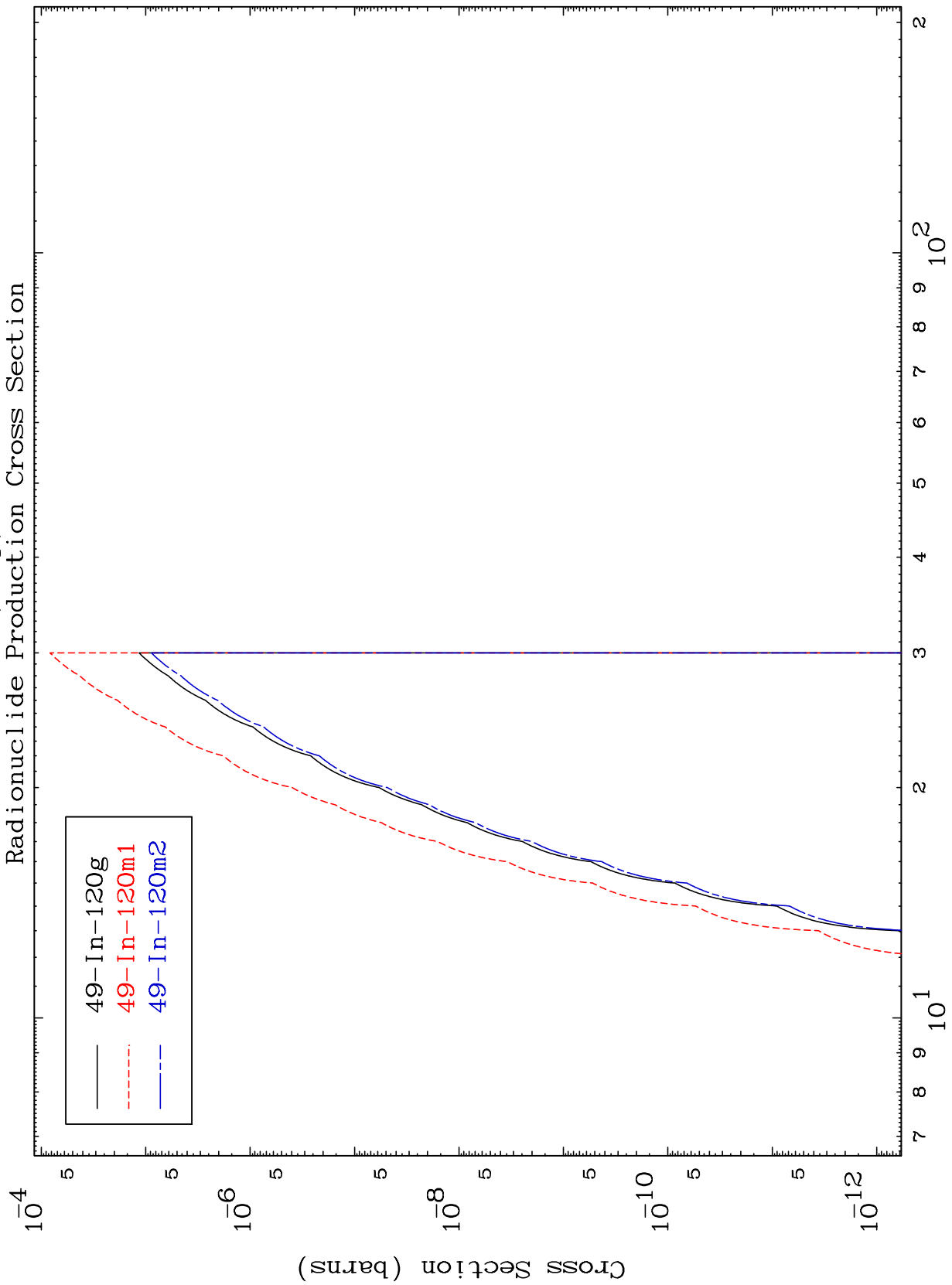
Radionuclide Production Cross Section  
(d,  $\alpha$ )



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50-Sn-120

(d,2p)  
Radionuclide Production Cross Section



49-In-120g  
49-In-120m1  
49-In-120m2

50-Sn-120

Incident Energy (MeV)

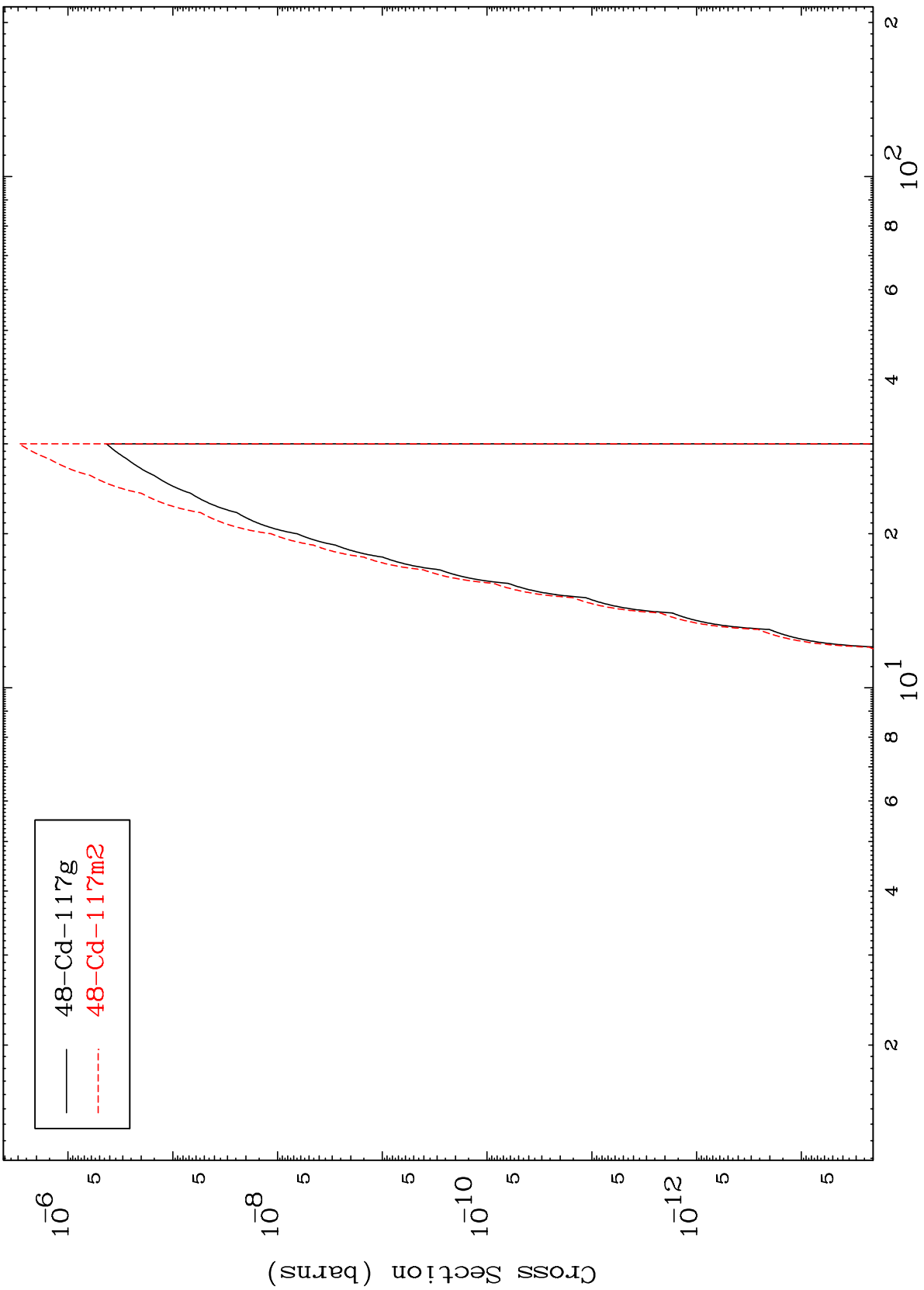
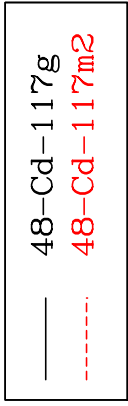
27

MAT 5049

(d,p)  $\alpha$

50-Sn-120

Radionuclide Production Cross Section

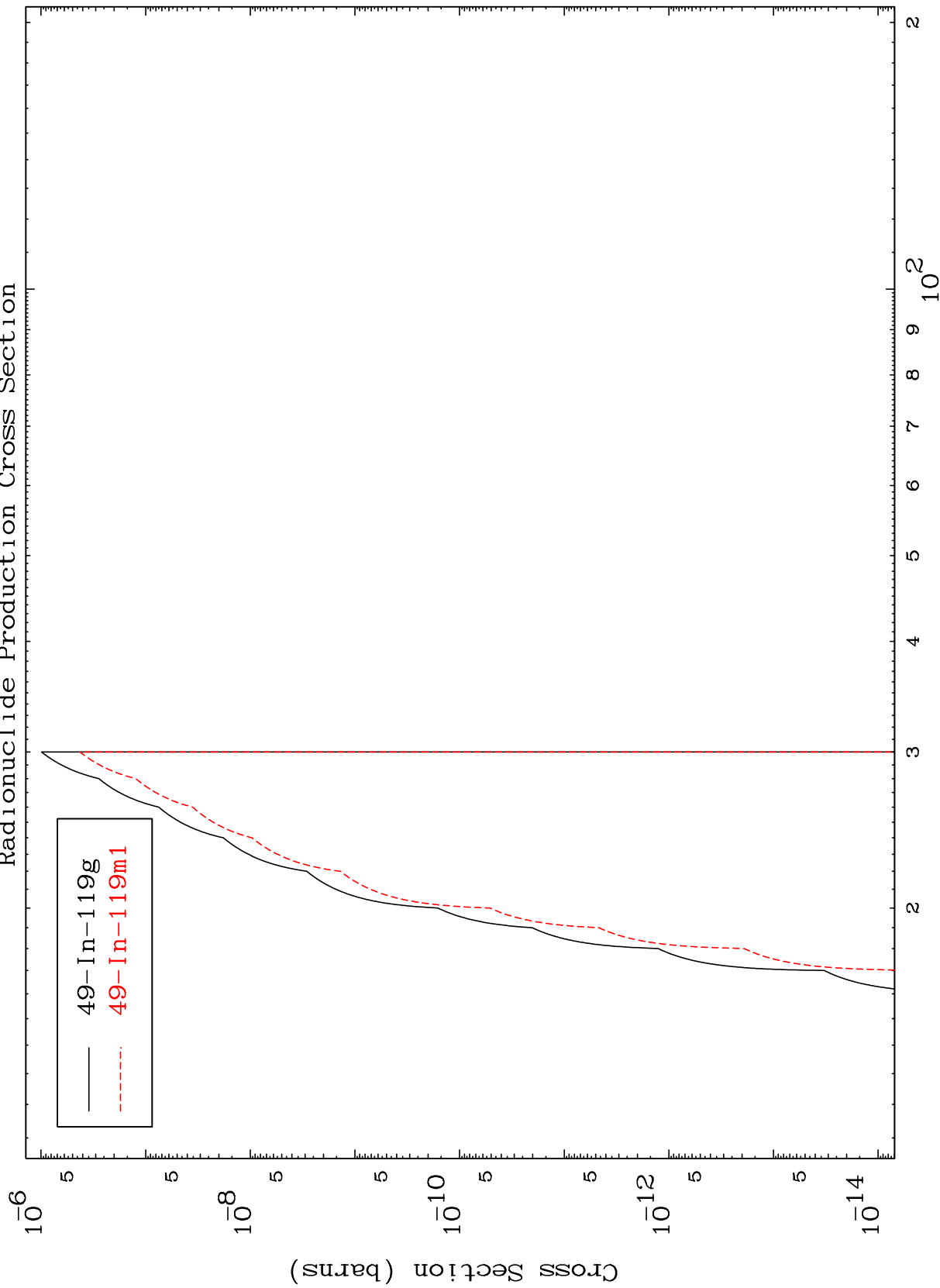


MAT 5049

(d,p) d

50-Sn-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

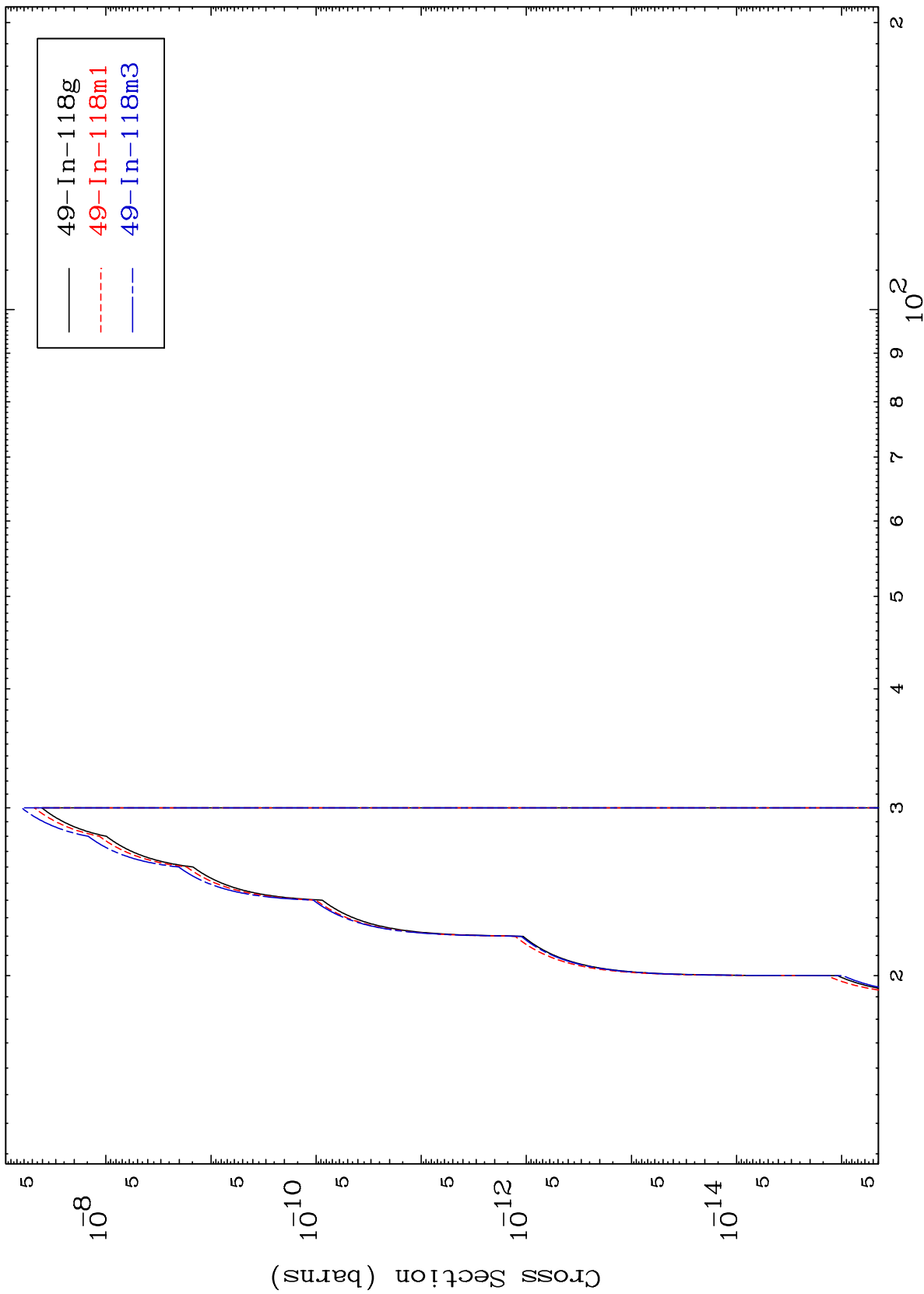
50-Sn-120

MAT 5049

(d,p) t

50-Sn-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-120