

Program EVALPLOT  
(Version 2021-1)

by

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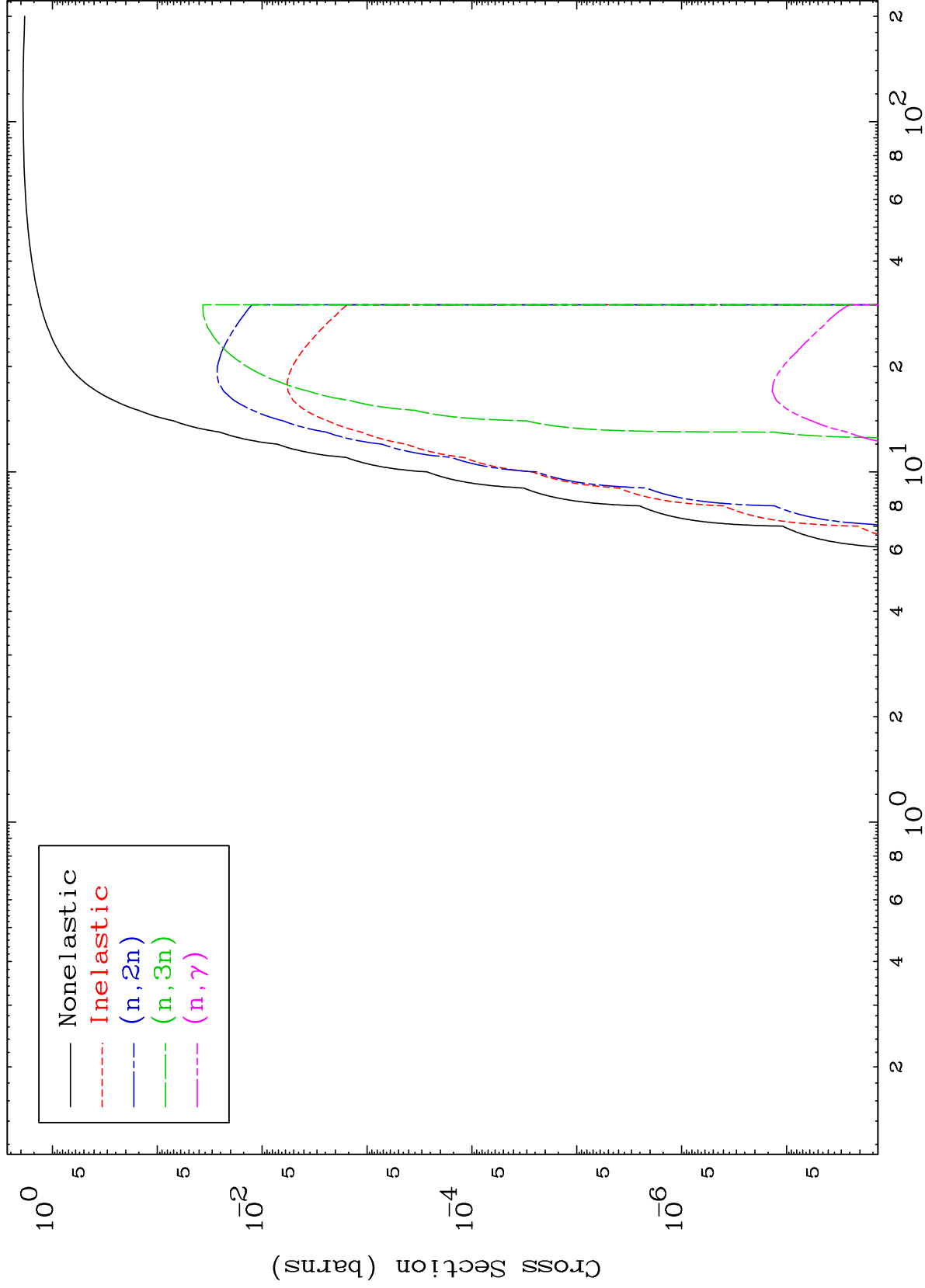
Press Mouse Button to Start

MAT 5046

He-3 Major

50-Sn-119

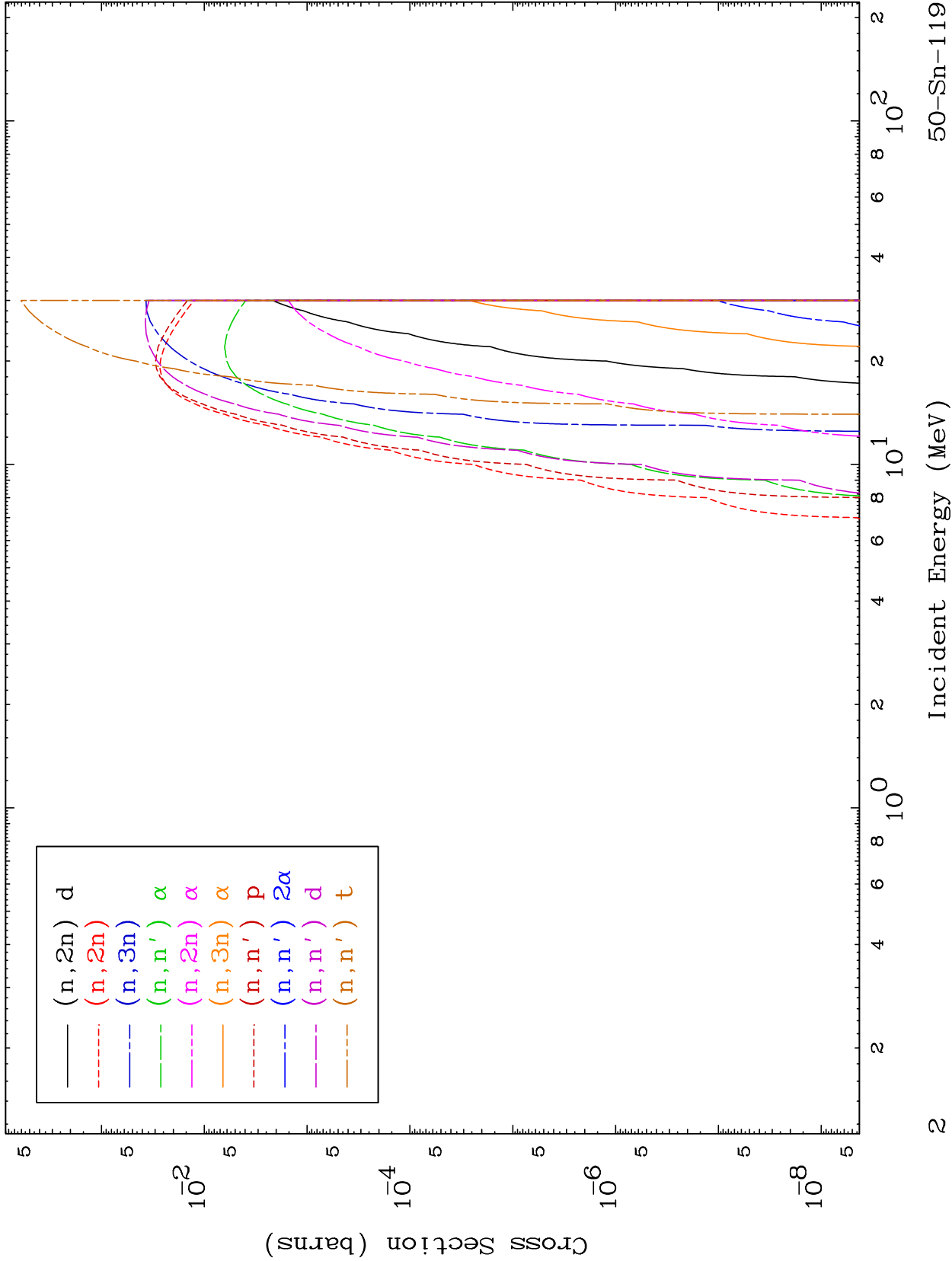
0 Kelvin Cross Sections

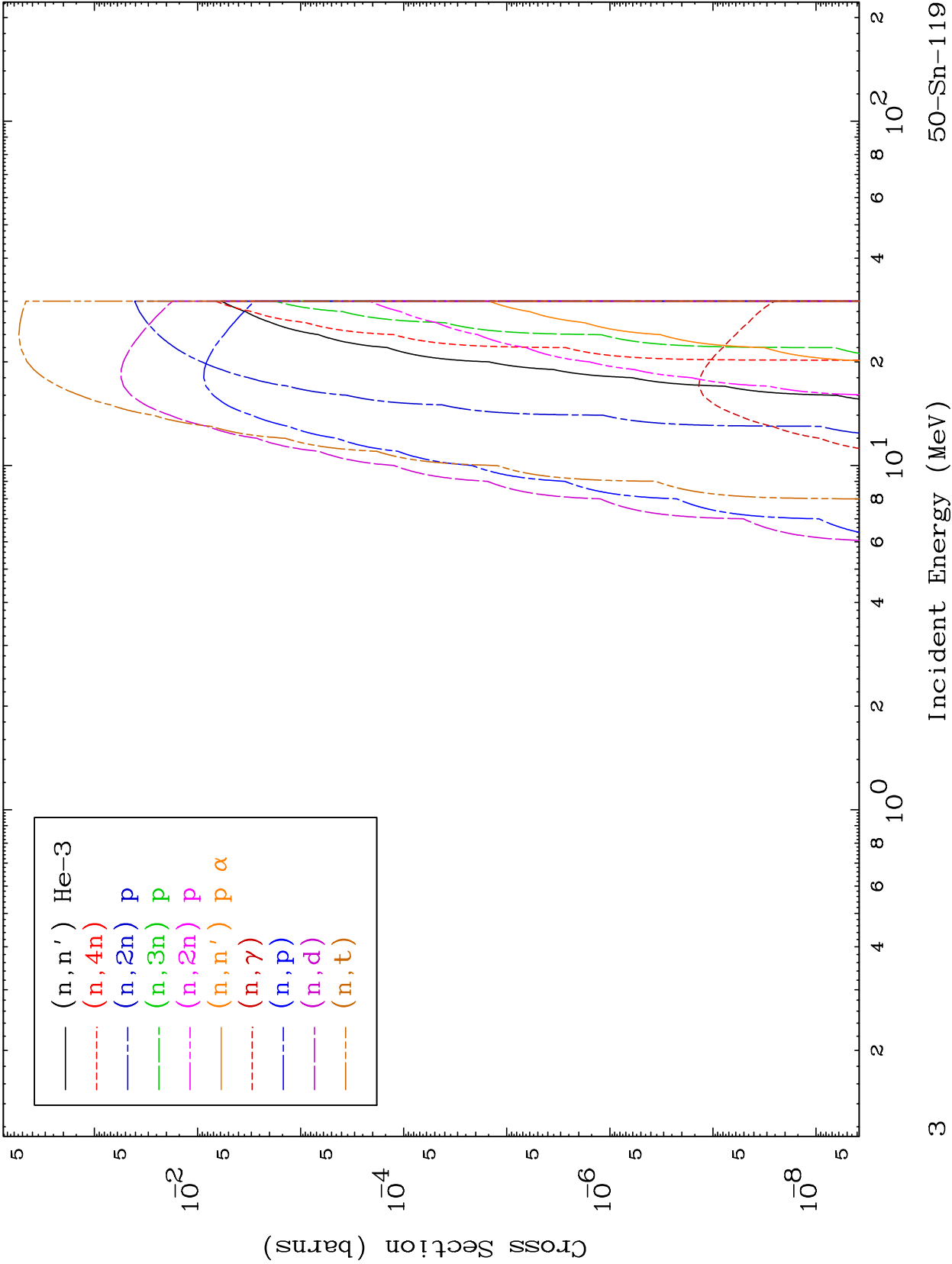


MAT 5046

He-3 Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-119

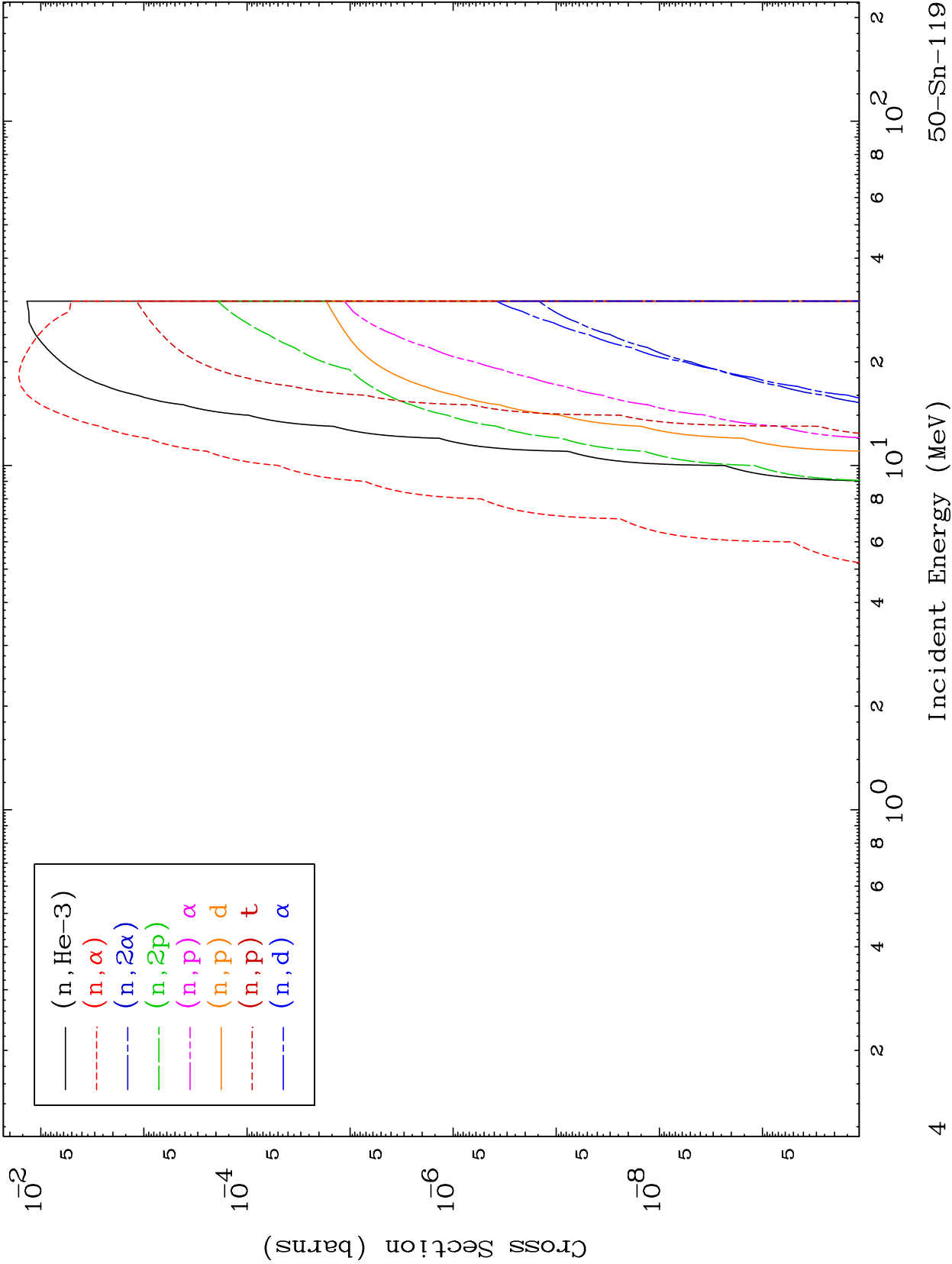


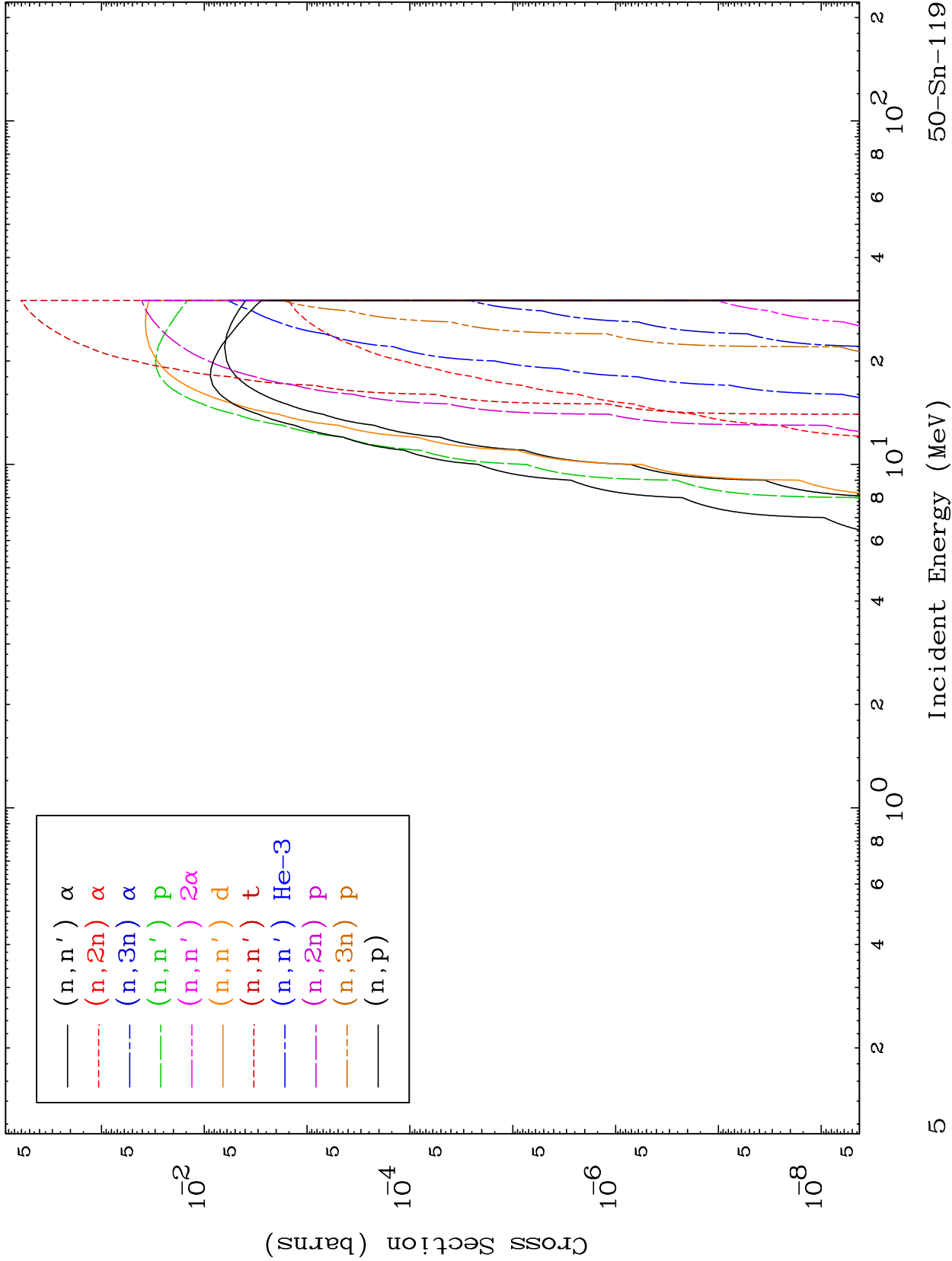


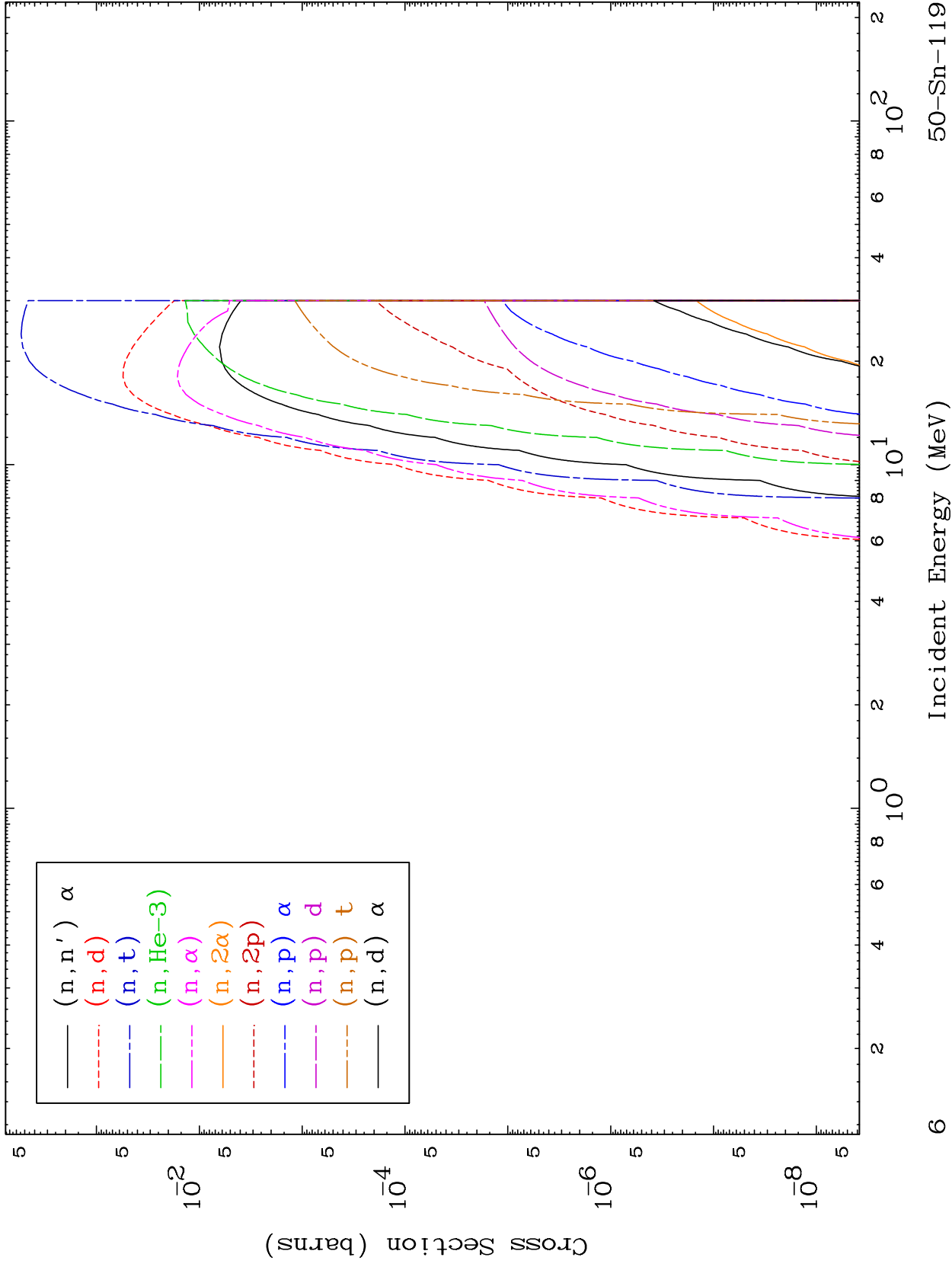
MAT 5046

He-3 Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-119



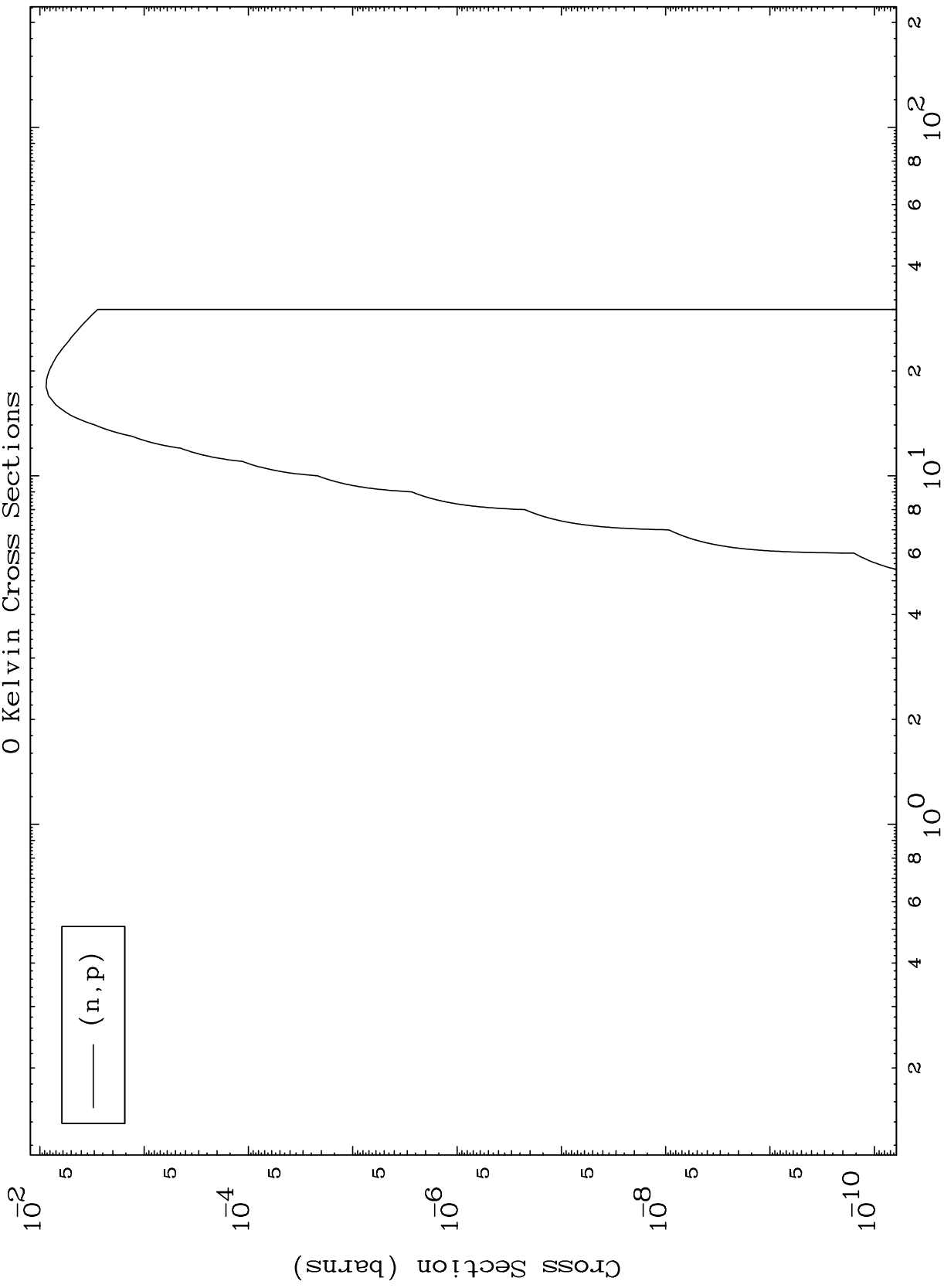




MAT 5046

50-Sn-119

(He-3,p) Levels  
0 Kelvin Cross Sections



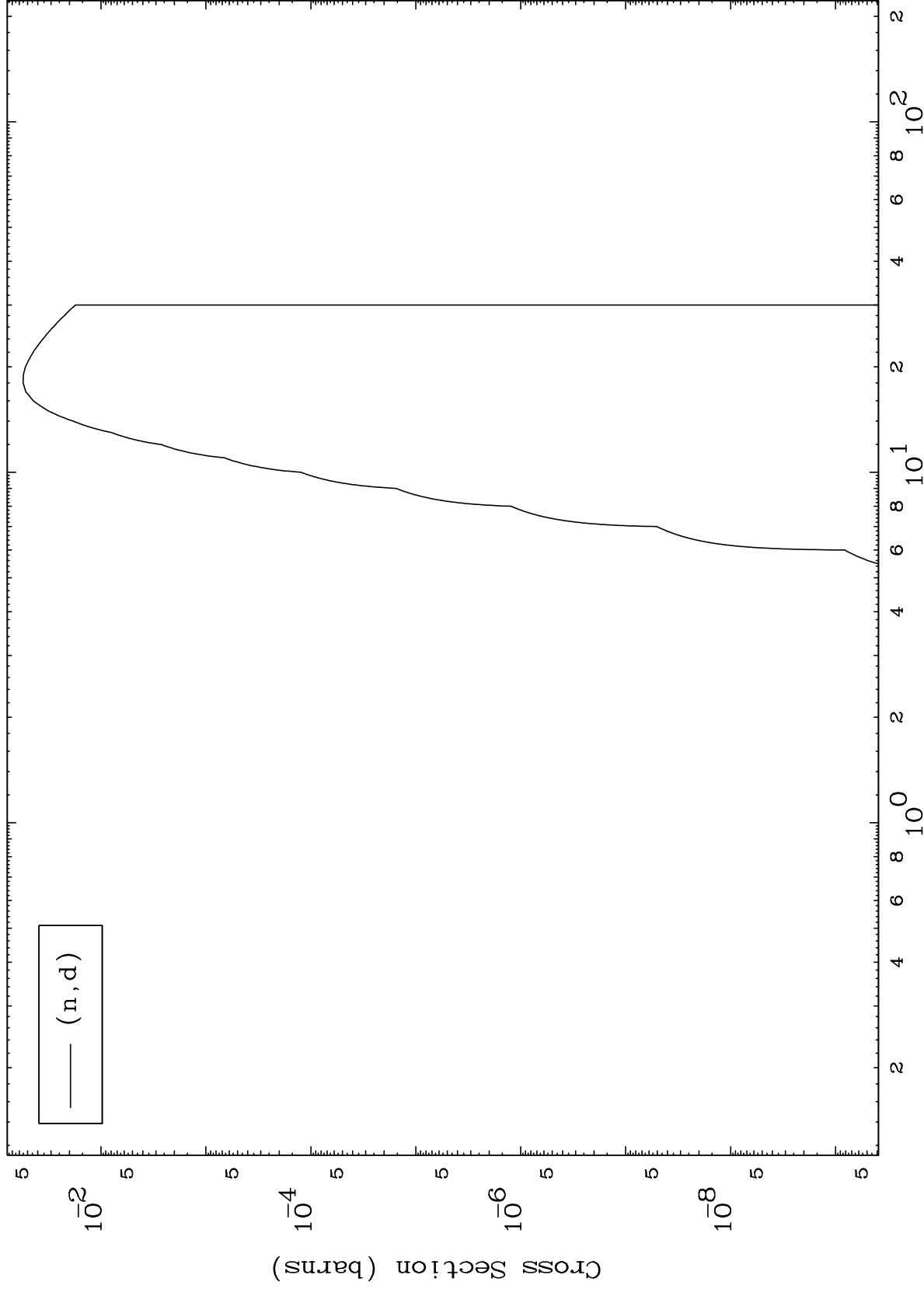
50-Sn-119

Incident Energy (MeV)

MAT 5046

50-Sn-119

(He-3,d) Levels  
0 Kelvin Cross Sections



8

50-Sn-119

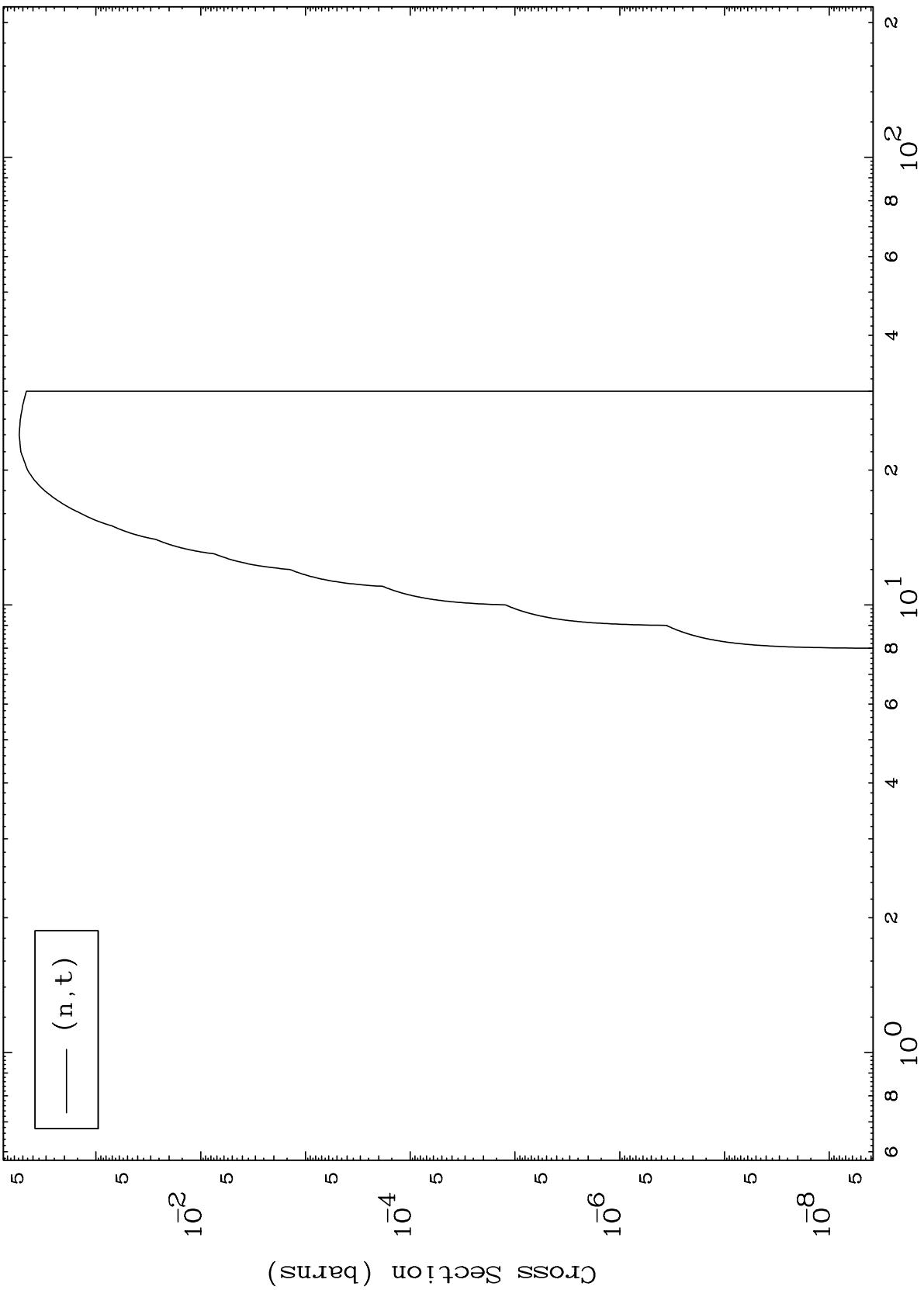
Incident Energy (MeV)

MAT 5046

(He-3,t) Levels

50-Sn-119

0 Kelvin Cross Sections



(n, t)

9

Incident Energy (MeV)

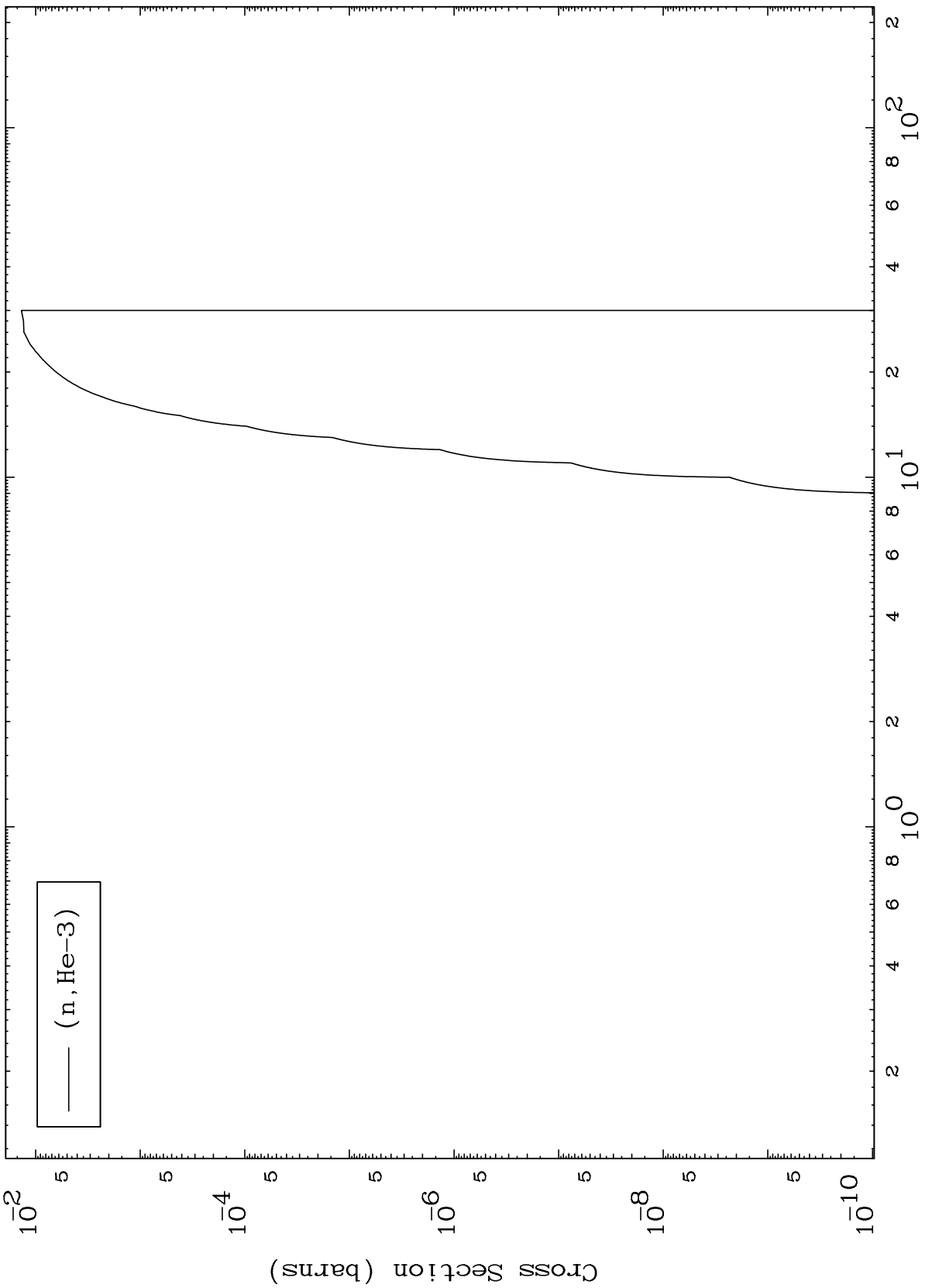
50-Sn-119

MAT 5046

(He-3, He3) Levels

50-Sn-119

0 Kelvin Cross Sections



10

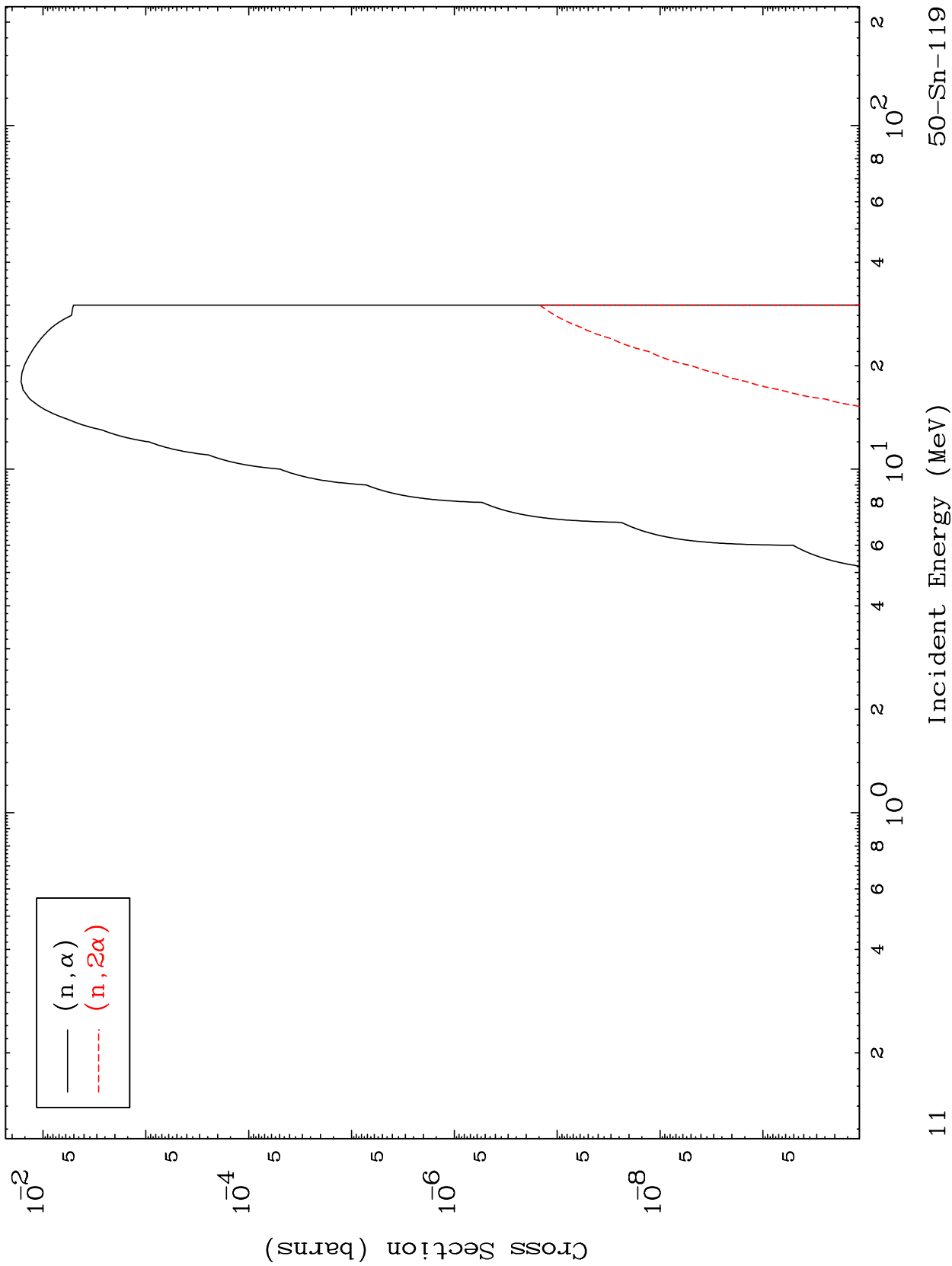
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

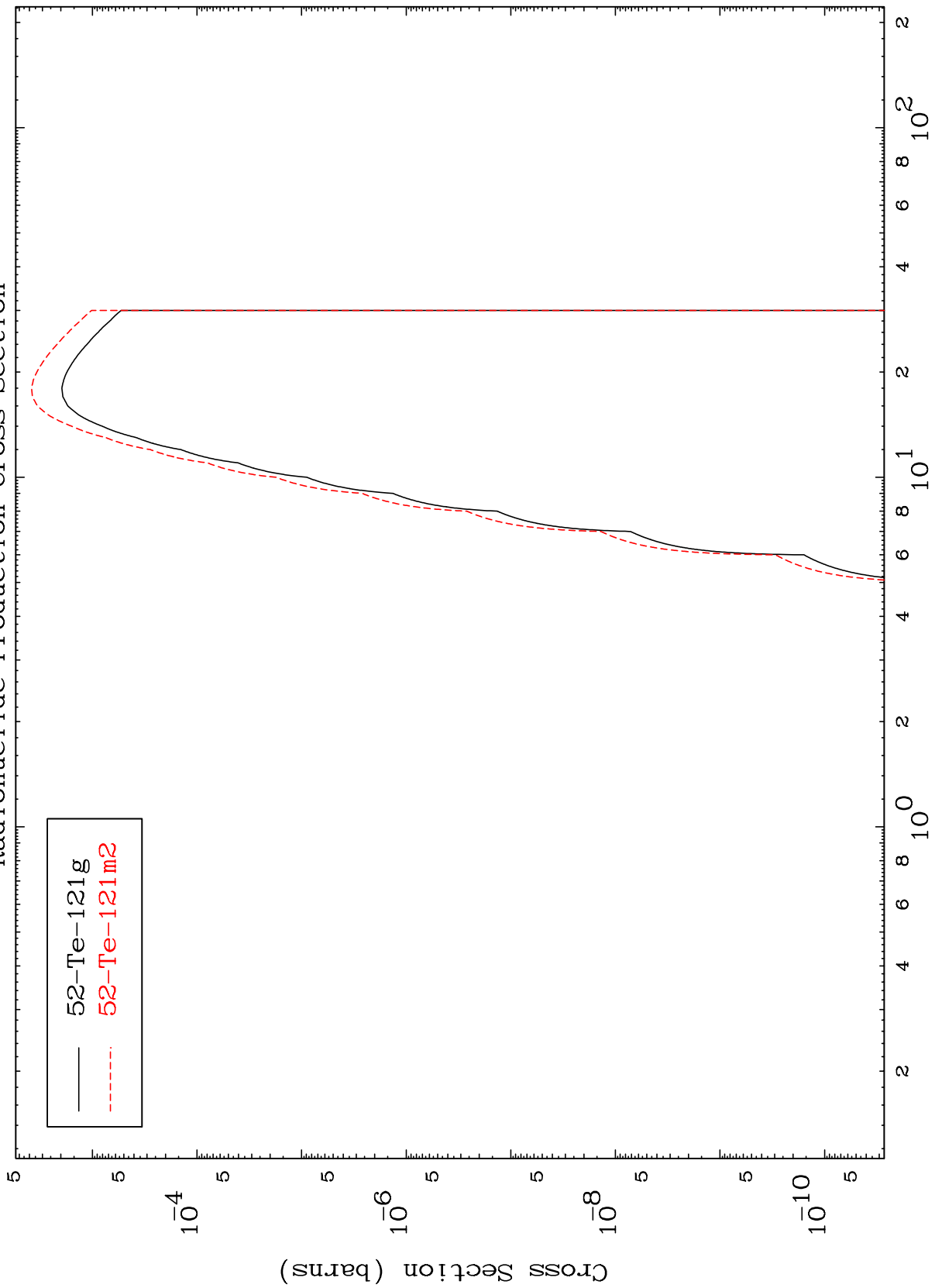
(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 5046

50-Sn-119

Inelastic  
Radionuclide Production Cross Section



— 52-Te-121g  
- - - 52-Te-121m2

50-Sn-119

Incident Energy (MeV)

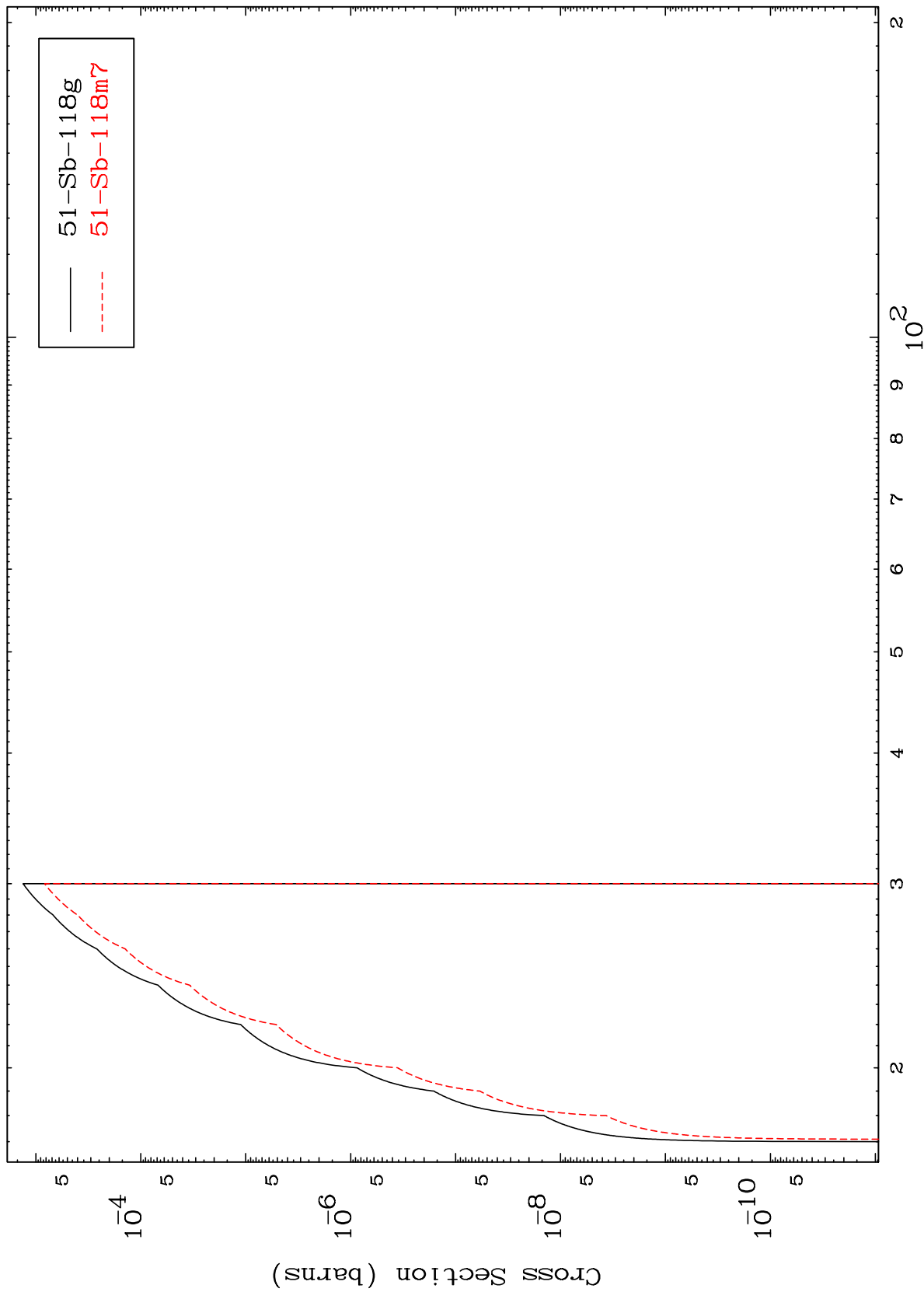
12

MAT 5046

(n,2n) d

50-Sn-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

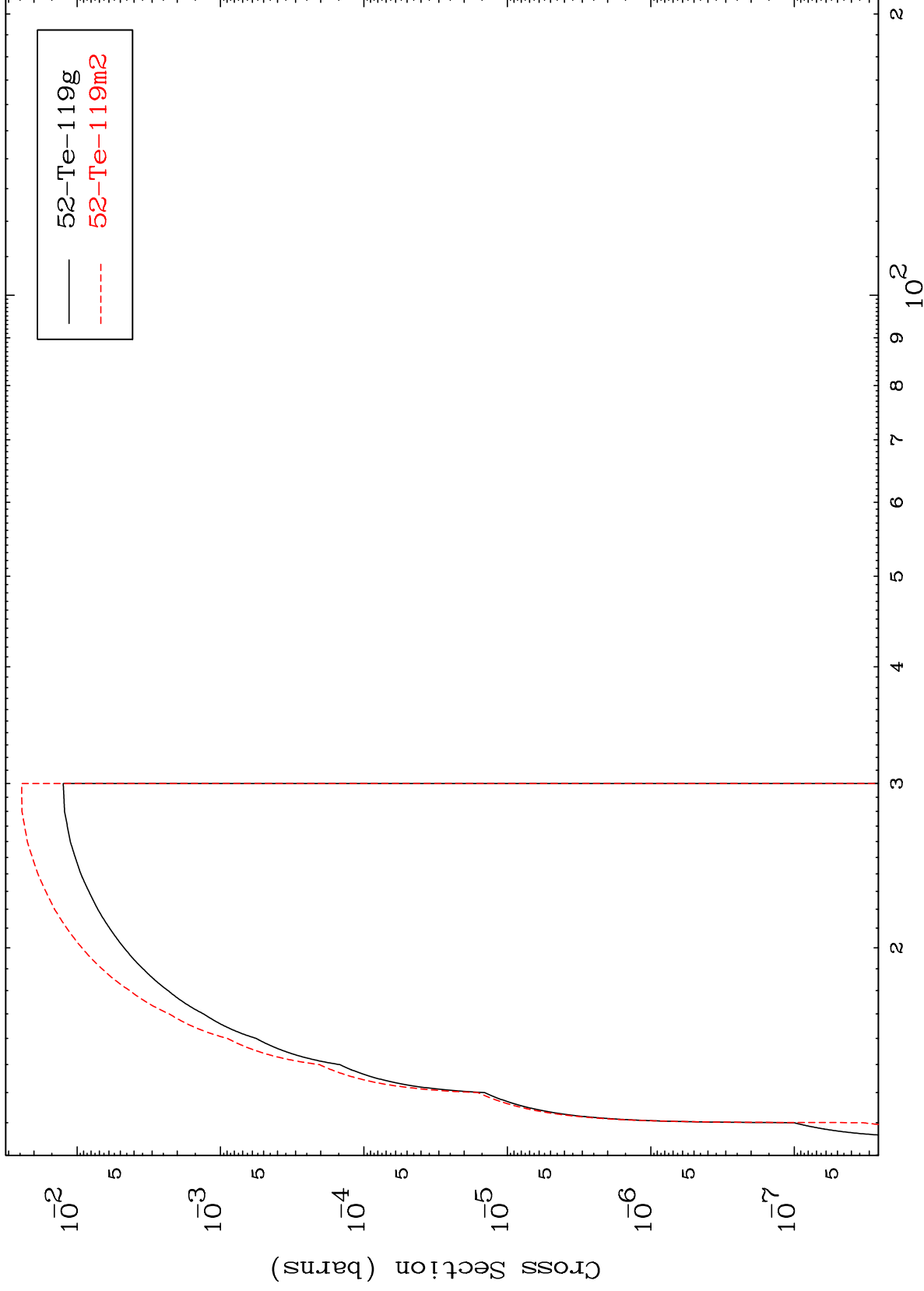
50-Sn-119

MAT 5046

(n,3n)

50-Sn-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

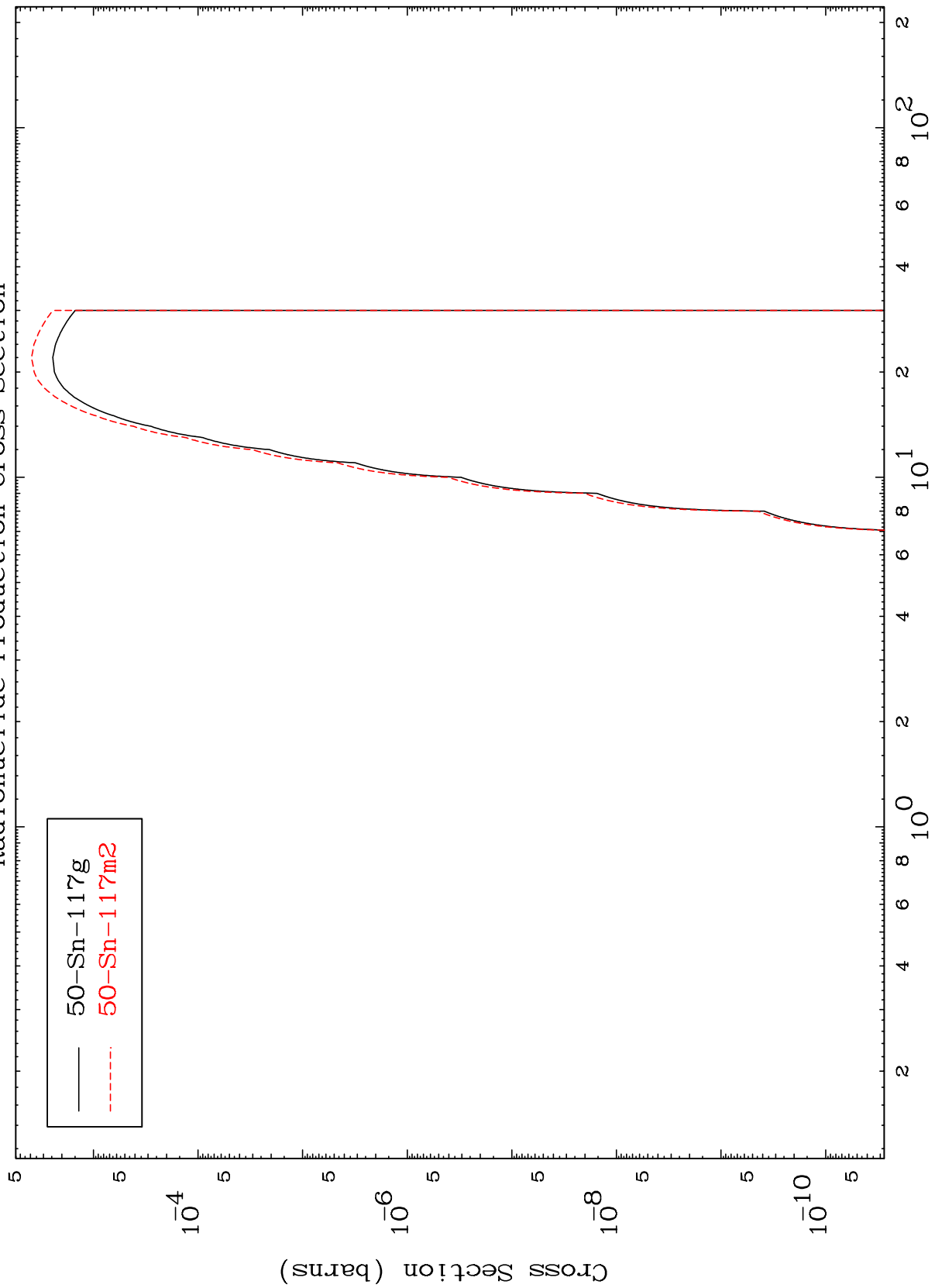
50-Sn-119

MAT 5046

50-Sn-119

(n,n')  $\alpha$

Radionuclide Production Cross Section



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

50-Sn-119

Incident Energy (MeV)

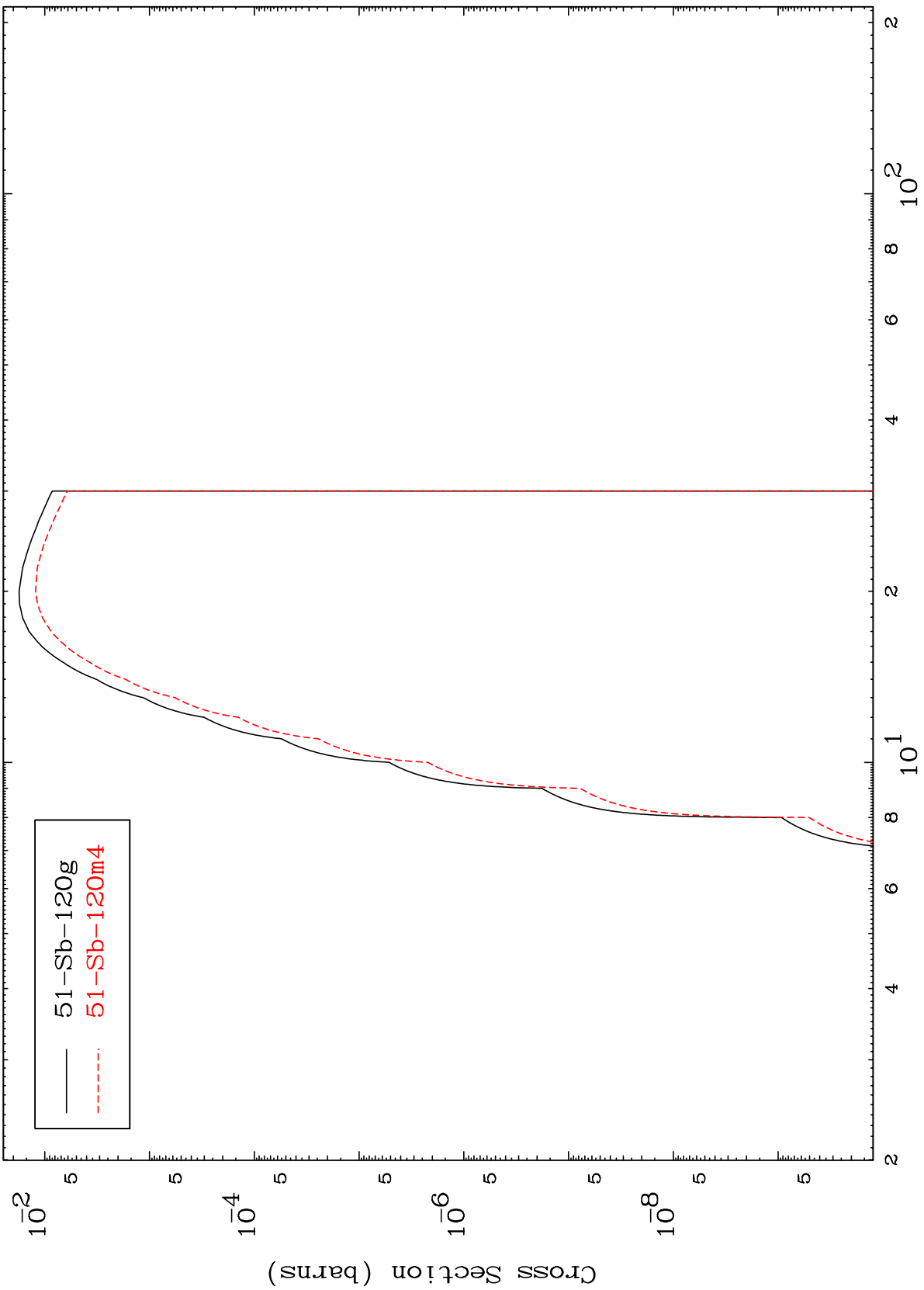
15

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(n,n') p

50-Sn-119

Radionuclide Production Cross Section



51-Sb-120g  
51-Sb-120m4

Incident Energy (MeV)

50-Sn-119

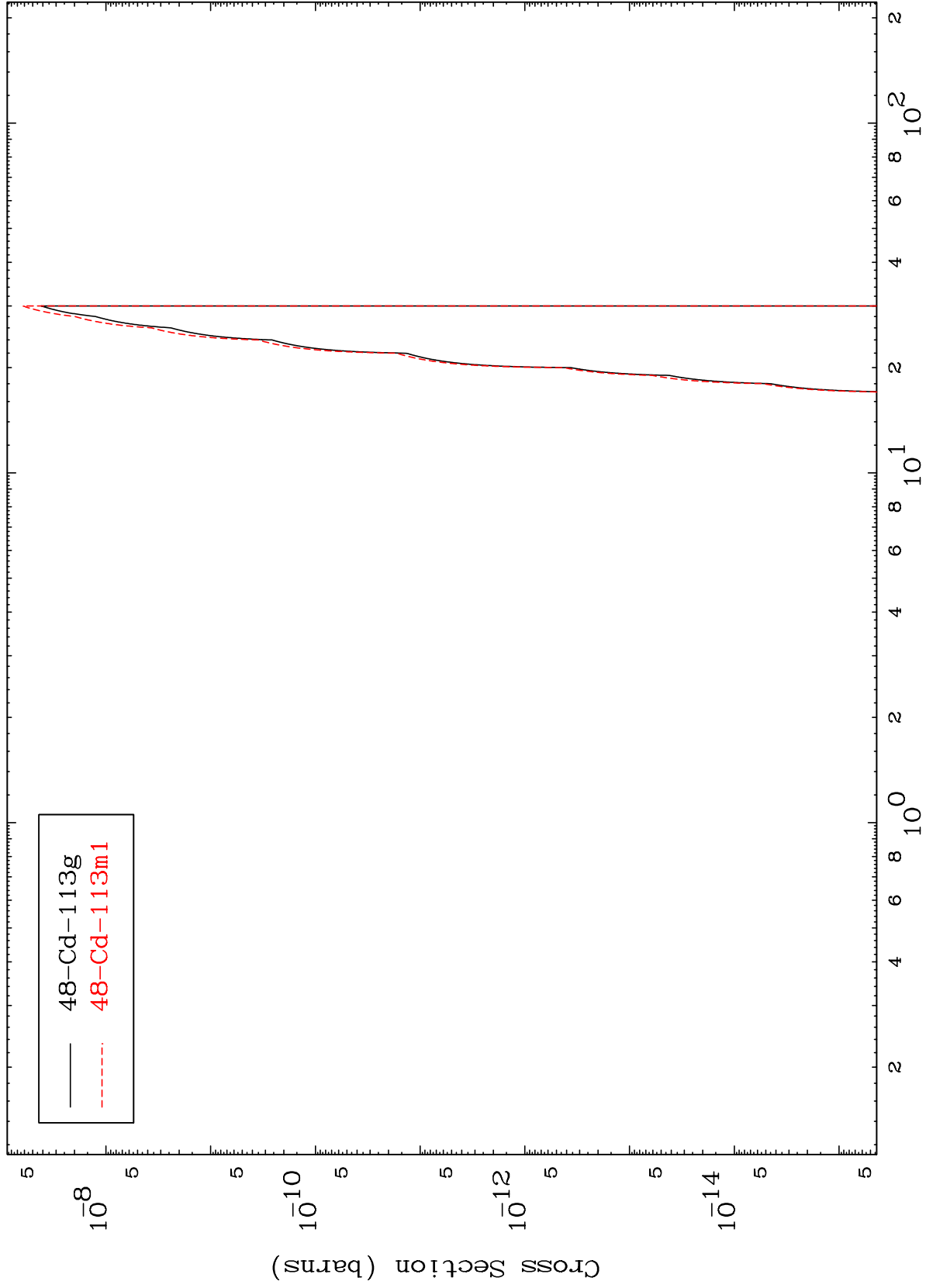
16

MAT 5046

(n,n') 2α

50-Sn-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

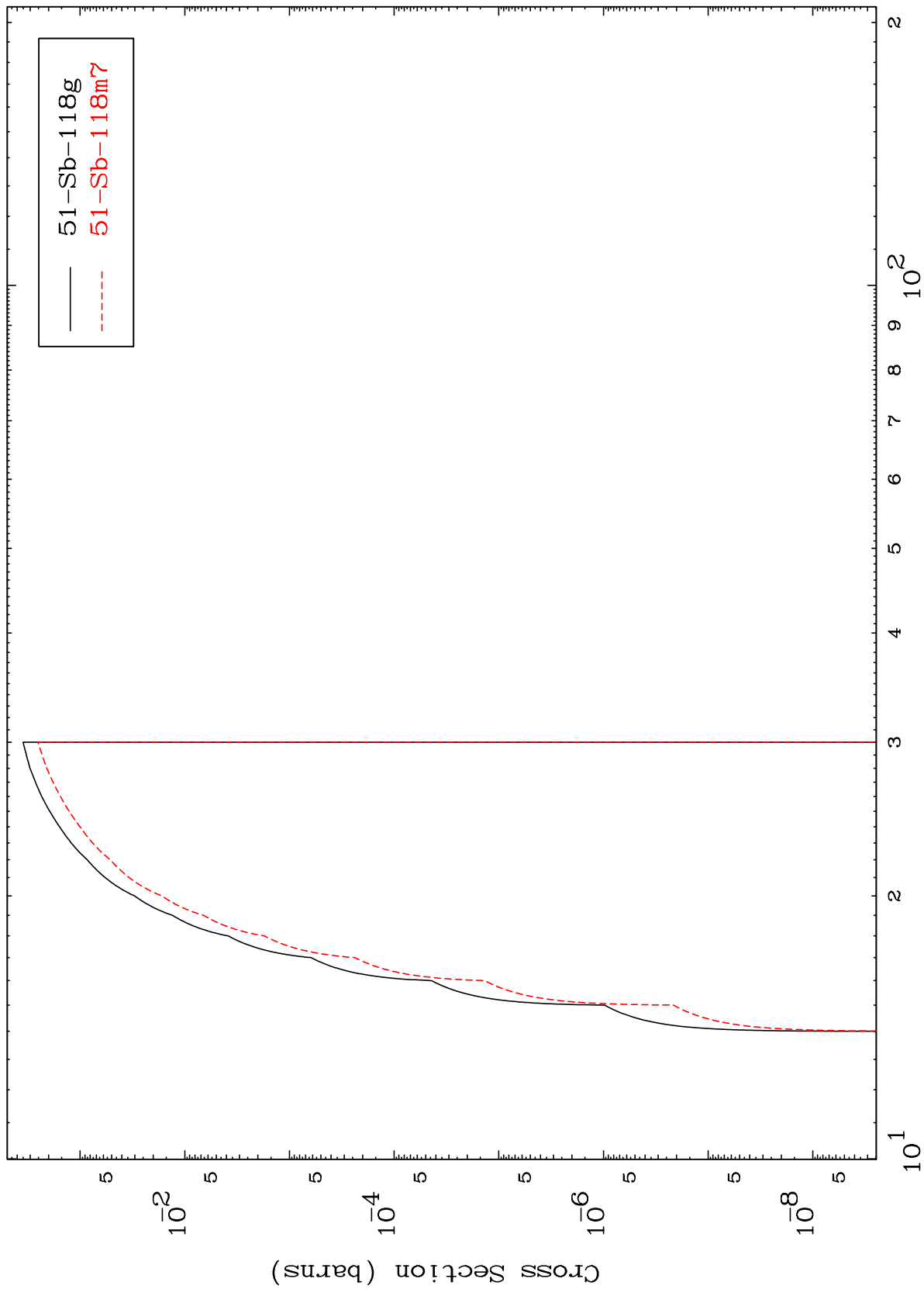
50-Sn-119

MAT 5046

(n,n') t

50-Sn-119

Radionuclide Production Cross Section



Incident Energy (MeV)

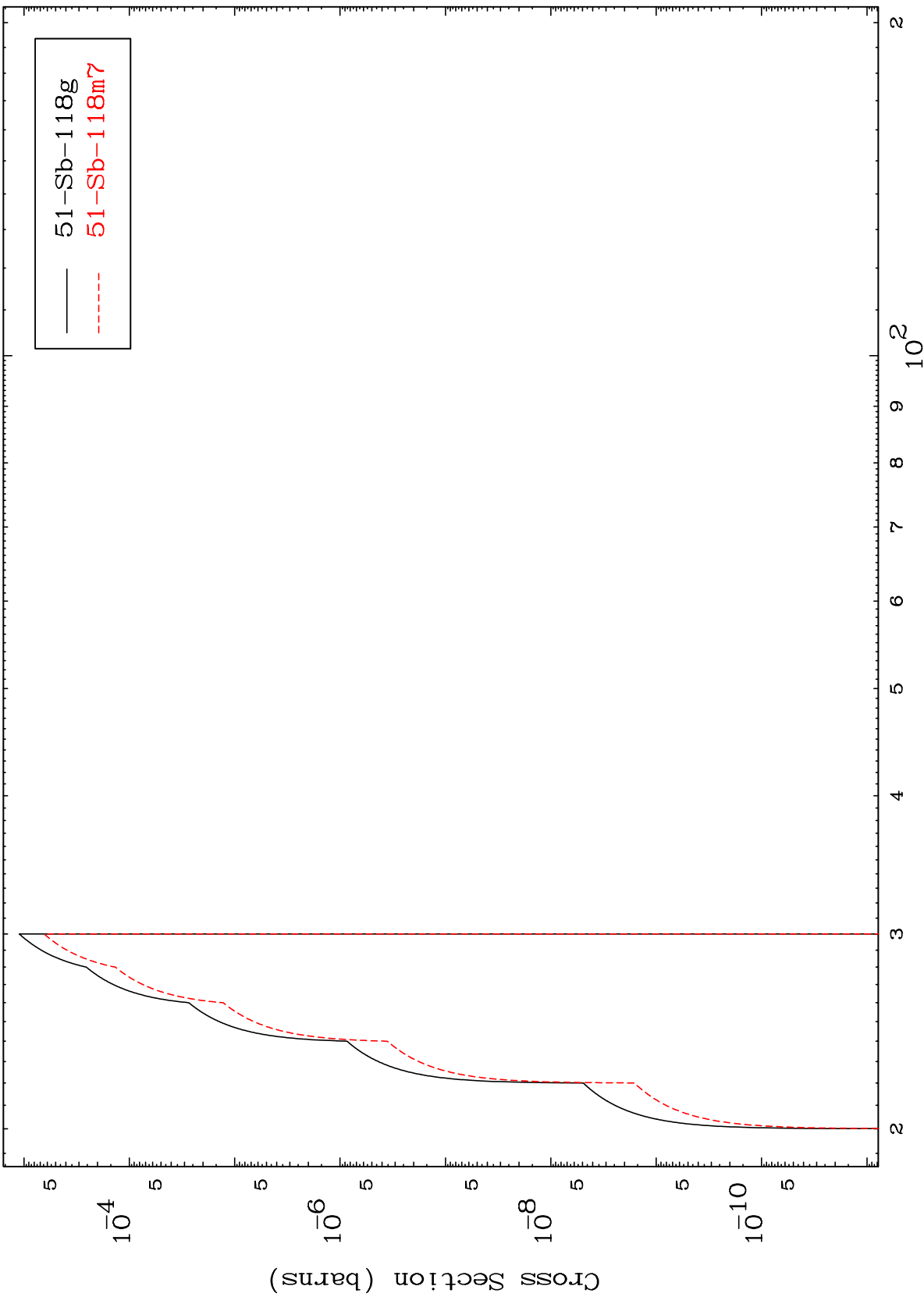
50-Sn-119

MAT 5046

(n,3n) p

50-Sn-119

Radionuclide Production Cross Section



19

Incident Energy (MeV)

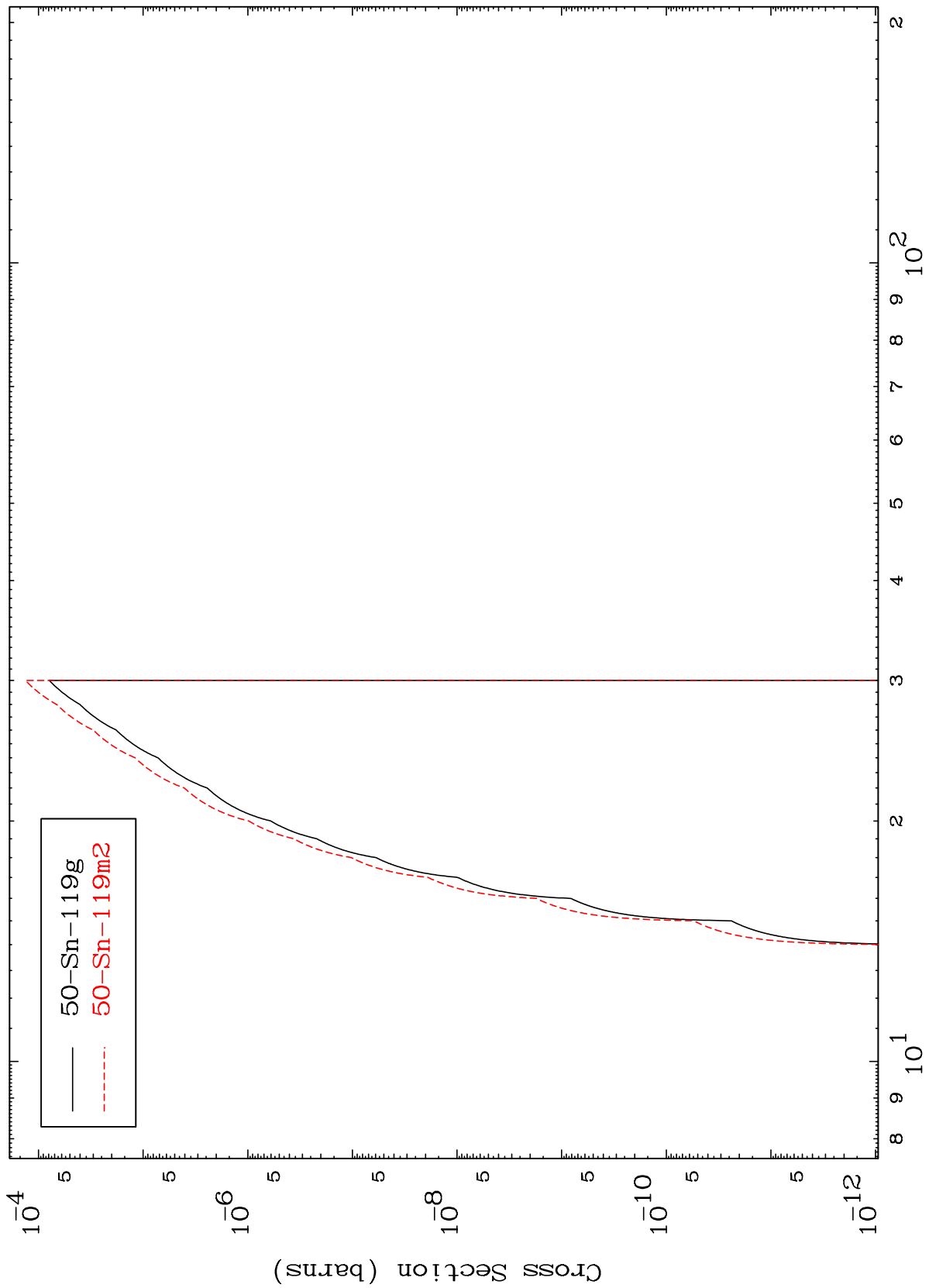
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



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

20

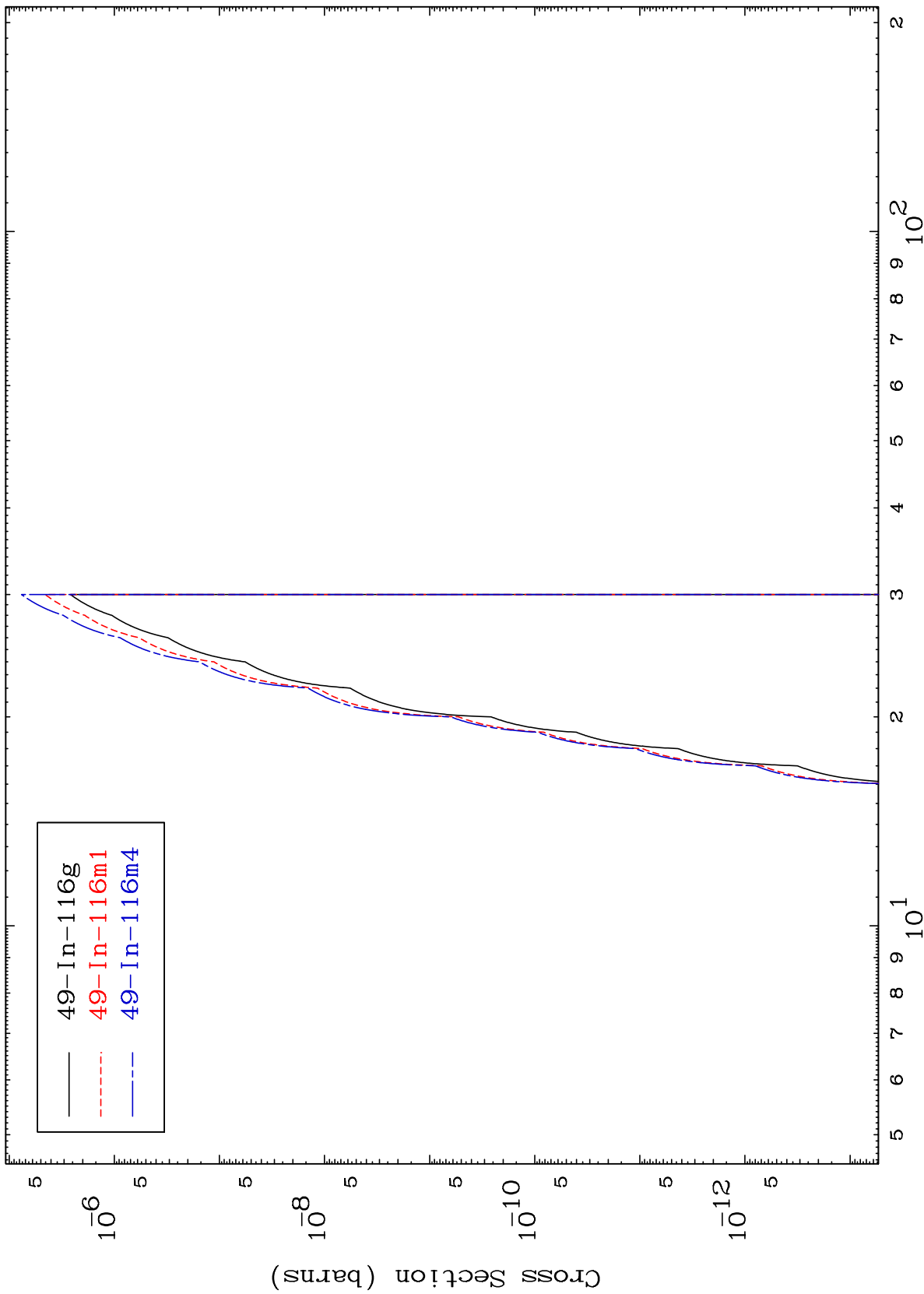
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



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

50-Sn-119

Incident Energy (MeV)

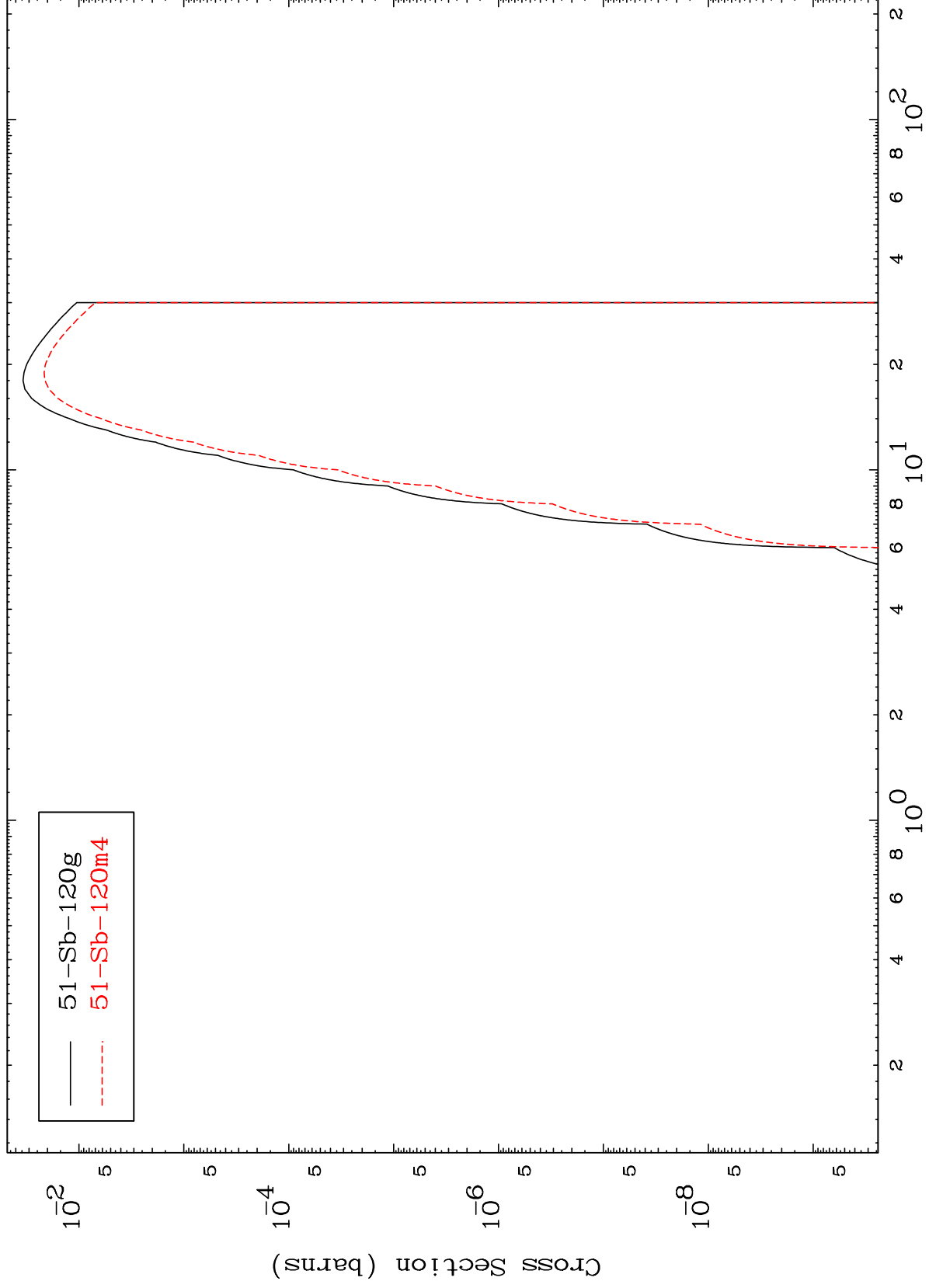
21

MAT 5046

(n, d)

50-Sn-119

Radionuclide Production Cross Section

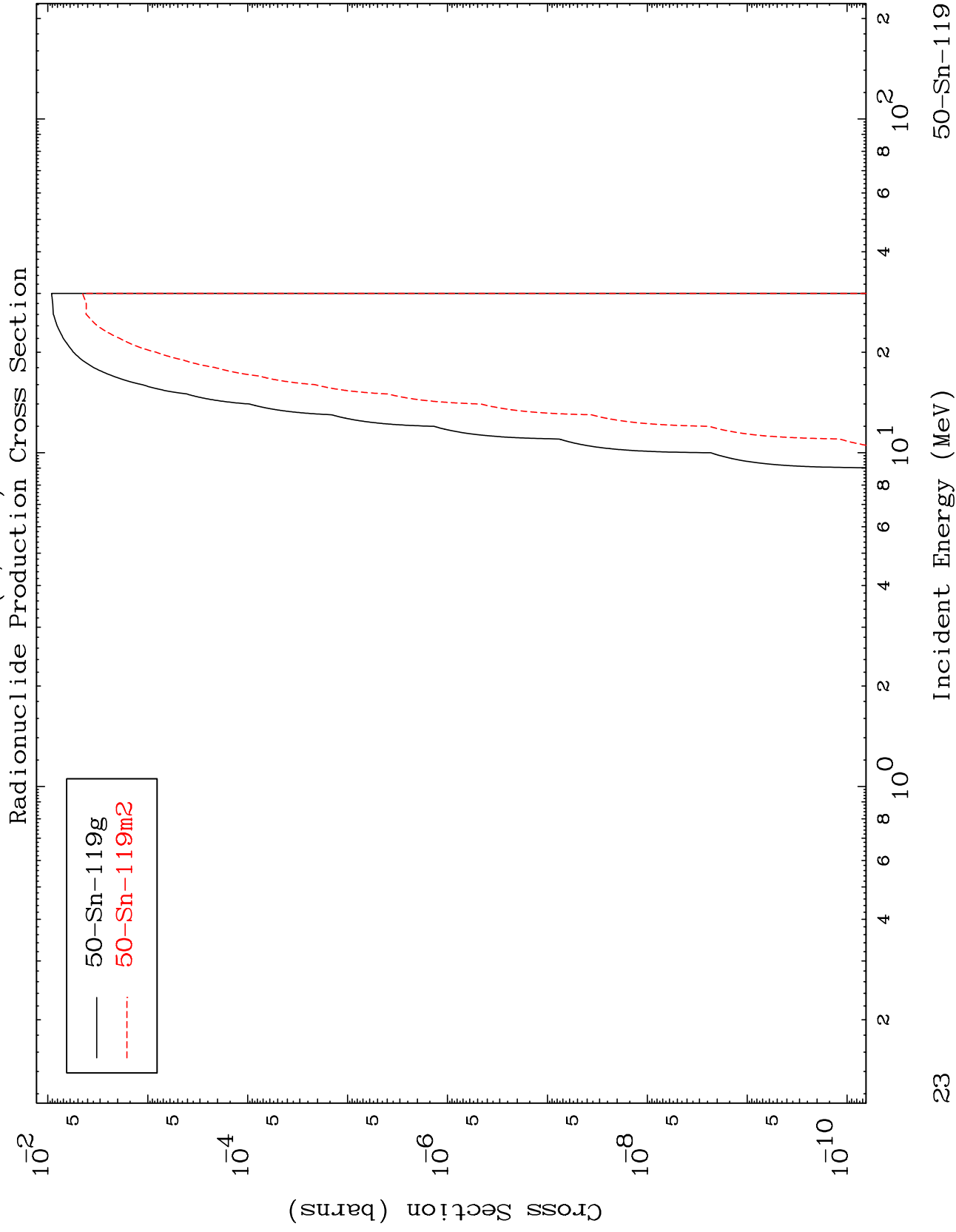


51-Sb-120g  
51-Sb-120m4

MAT 5046

(n,He-3)

50-Sn-119



23

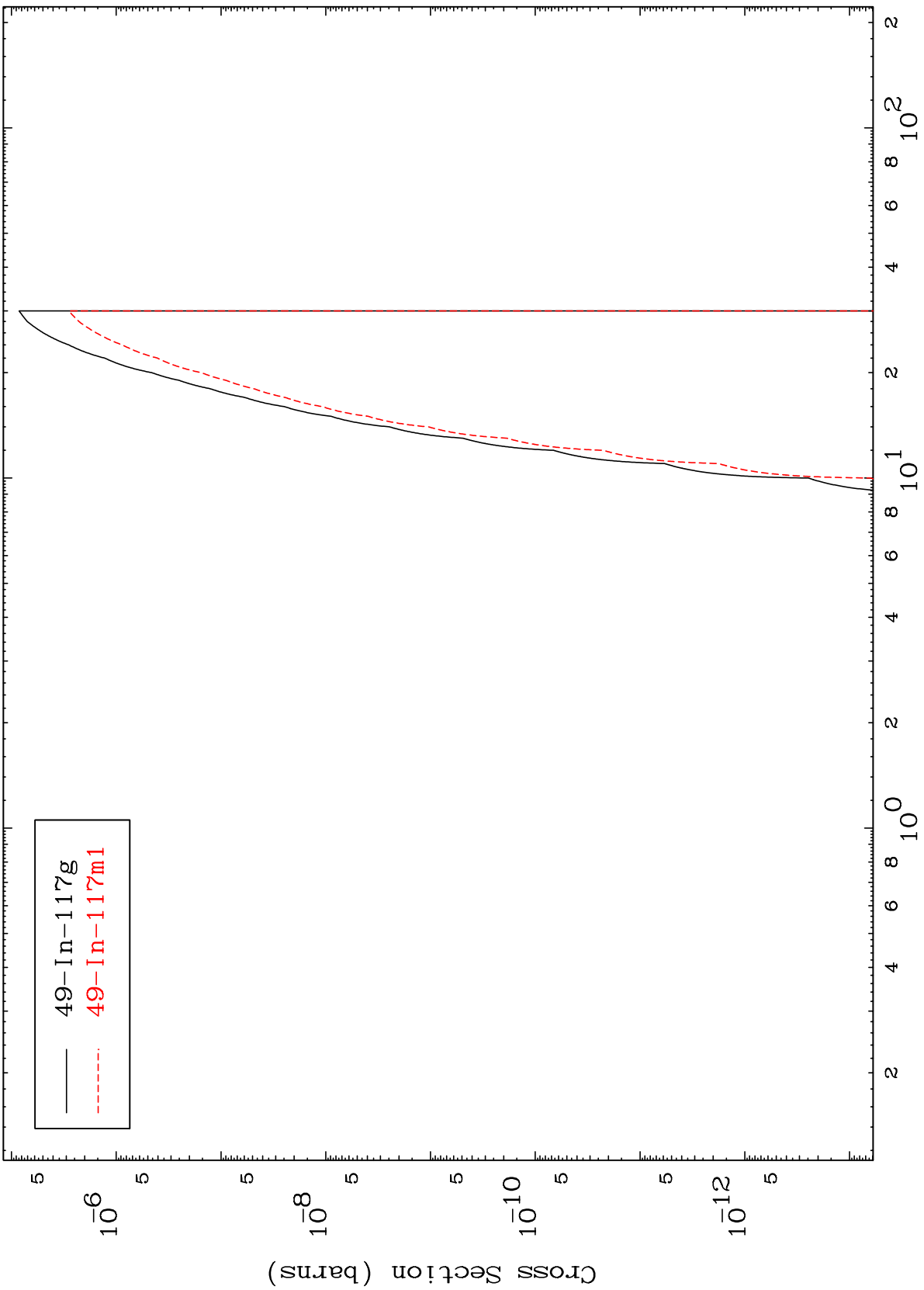
50-Sn-119

MAT 5046

(n,p)  $\alpha$

50-Sn-119

Radionuclide Production Cross Section

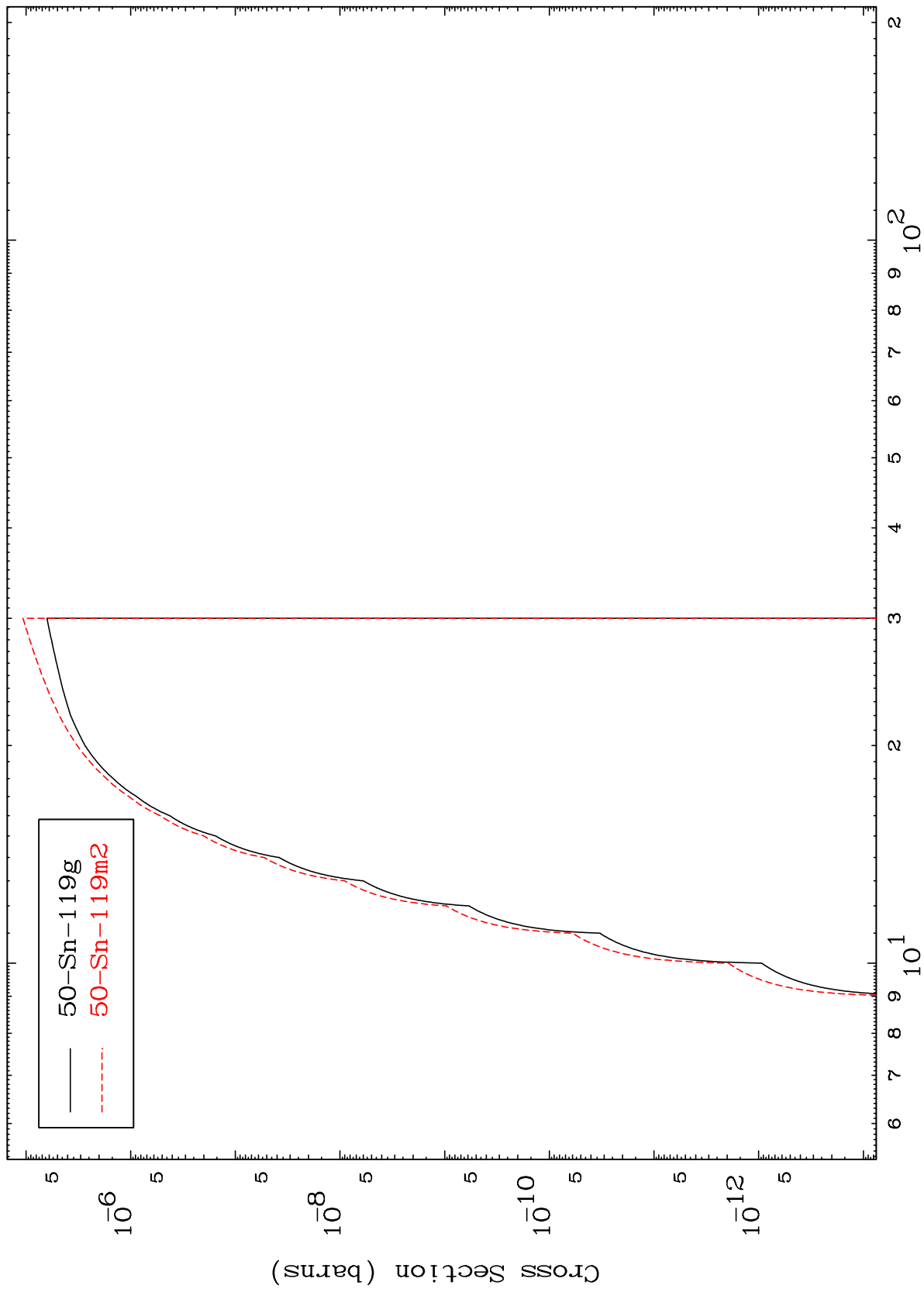


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50-Sn-119

(n,p) d

Radionuclide Production Cross Section



25

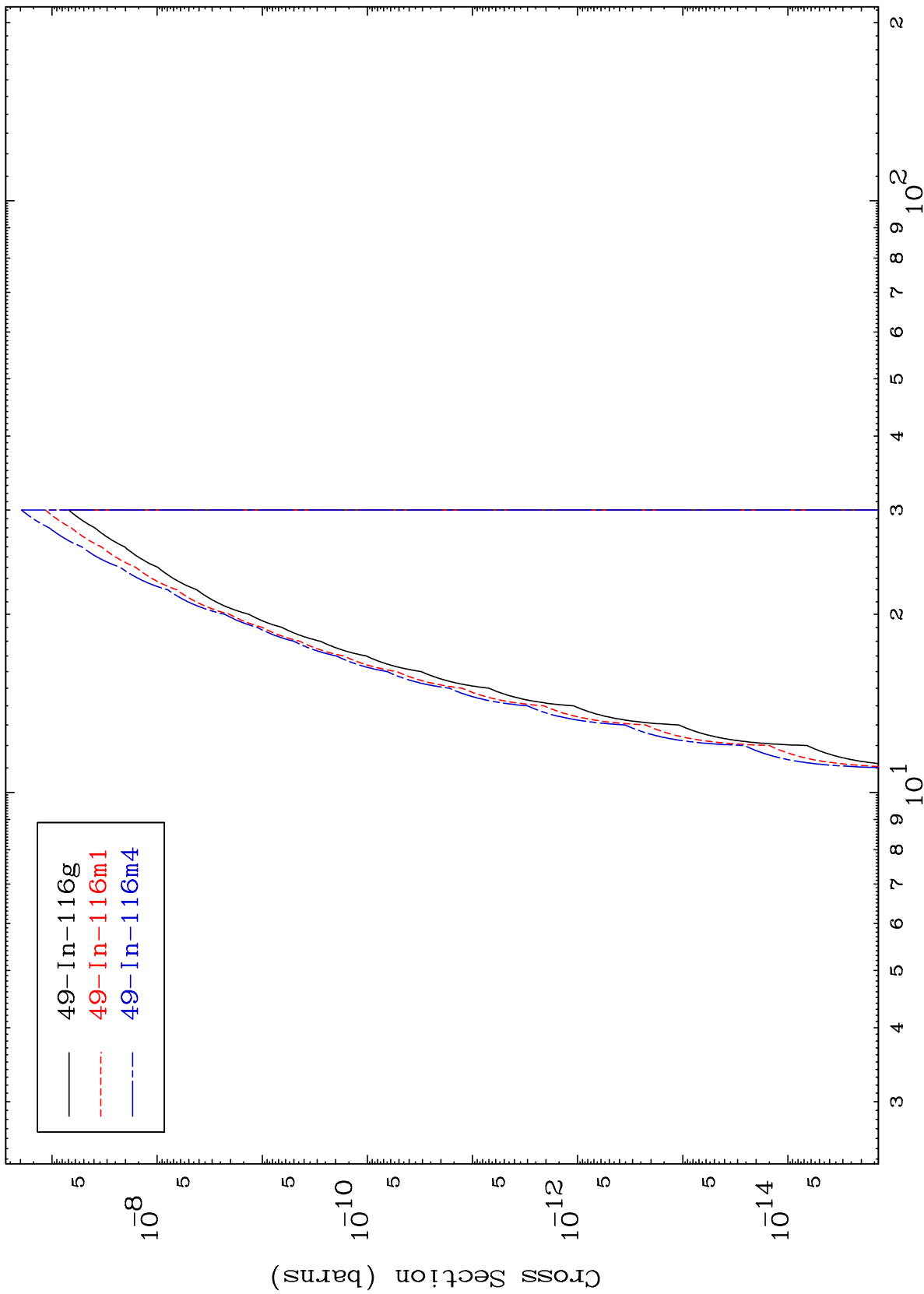
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



50-Sn-119

Incident Energy (MeV)

26