

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

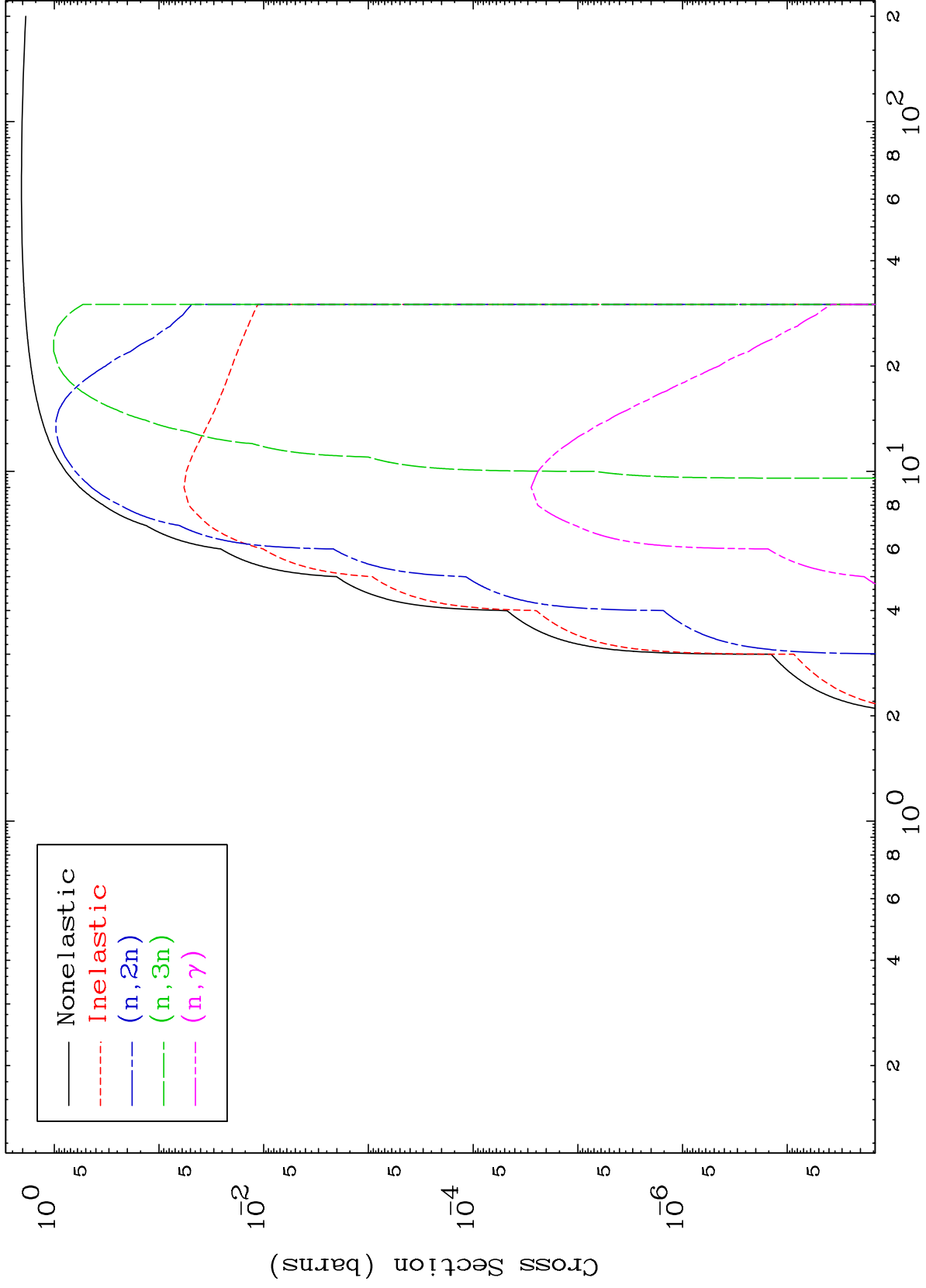
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5117

Triton Major  
0 Kelvin Cross Sections

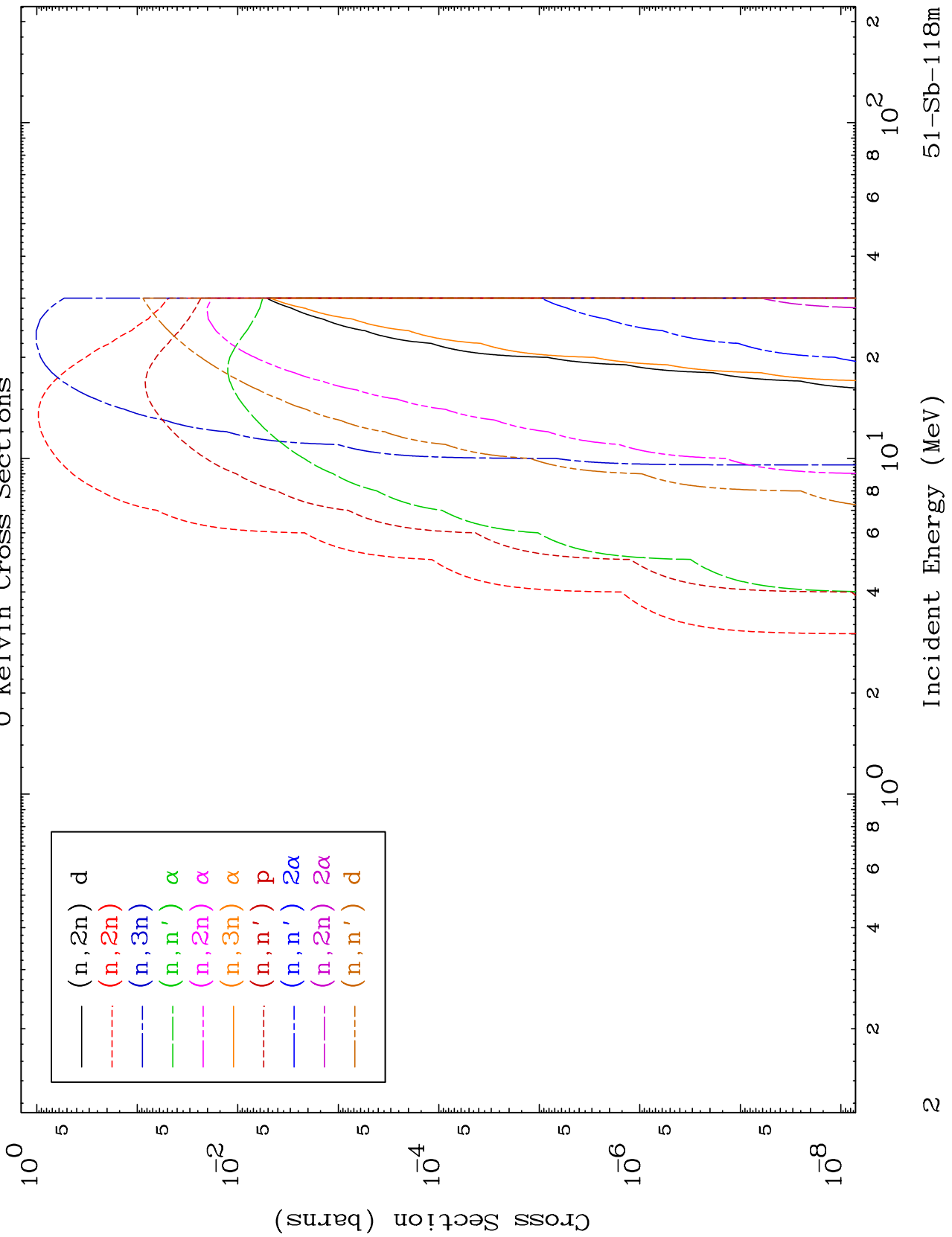
51-Sb-118m



MAT 5117

Triton Neutron Absorption  
0 Kelvin Cross Sections

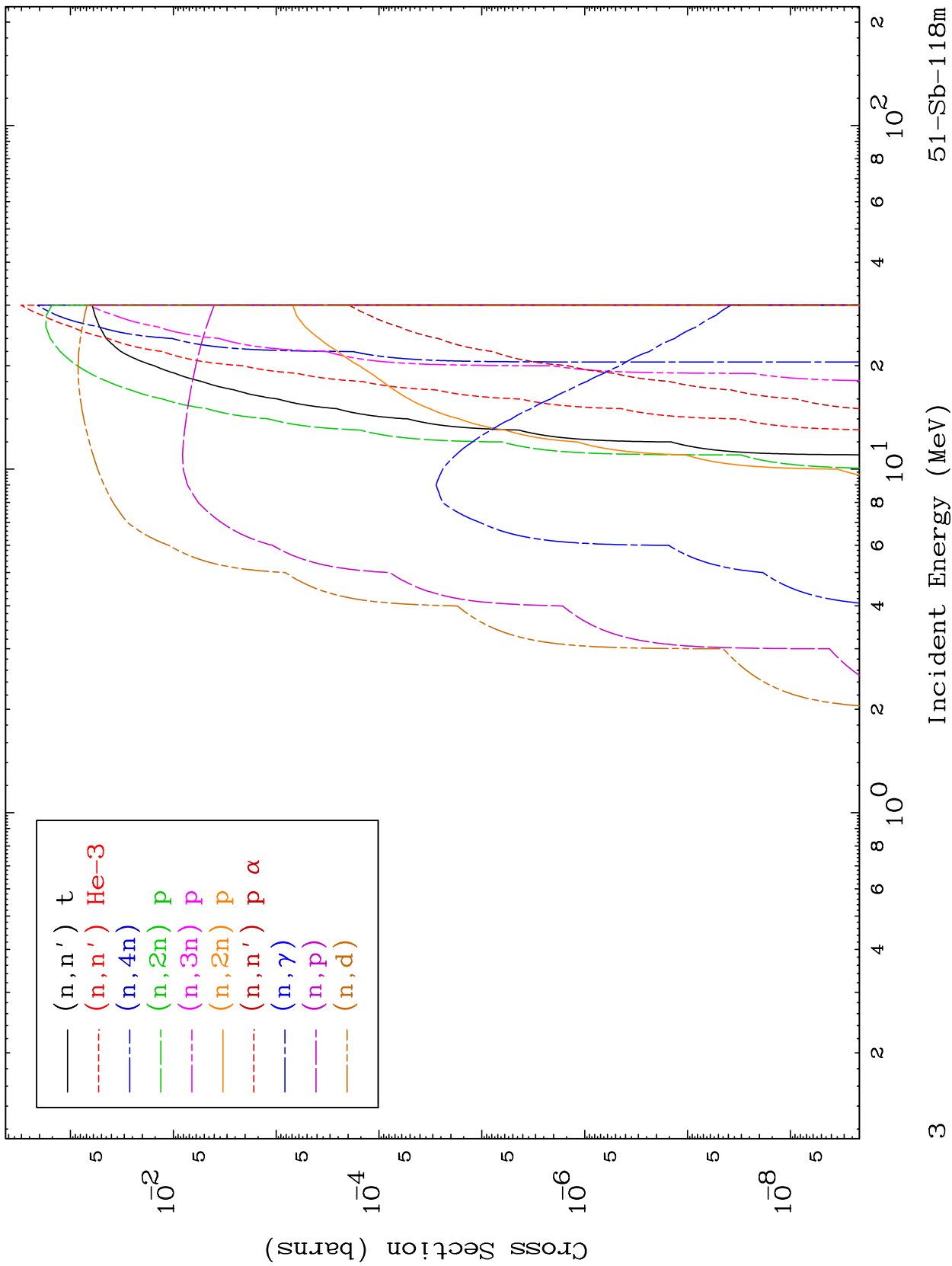
51-Sb-118m



MAT 5117

Triton Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-118m



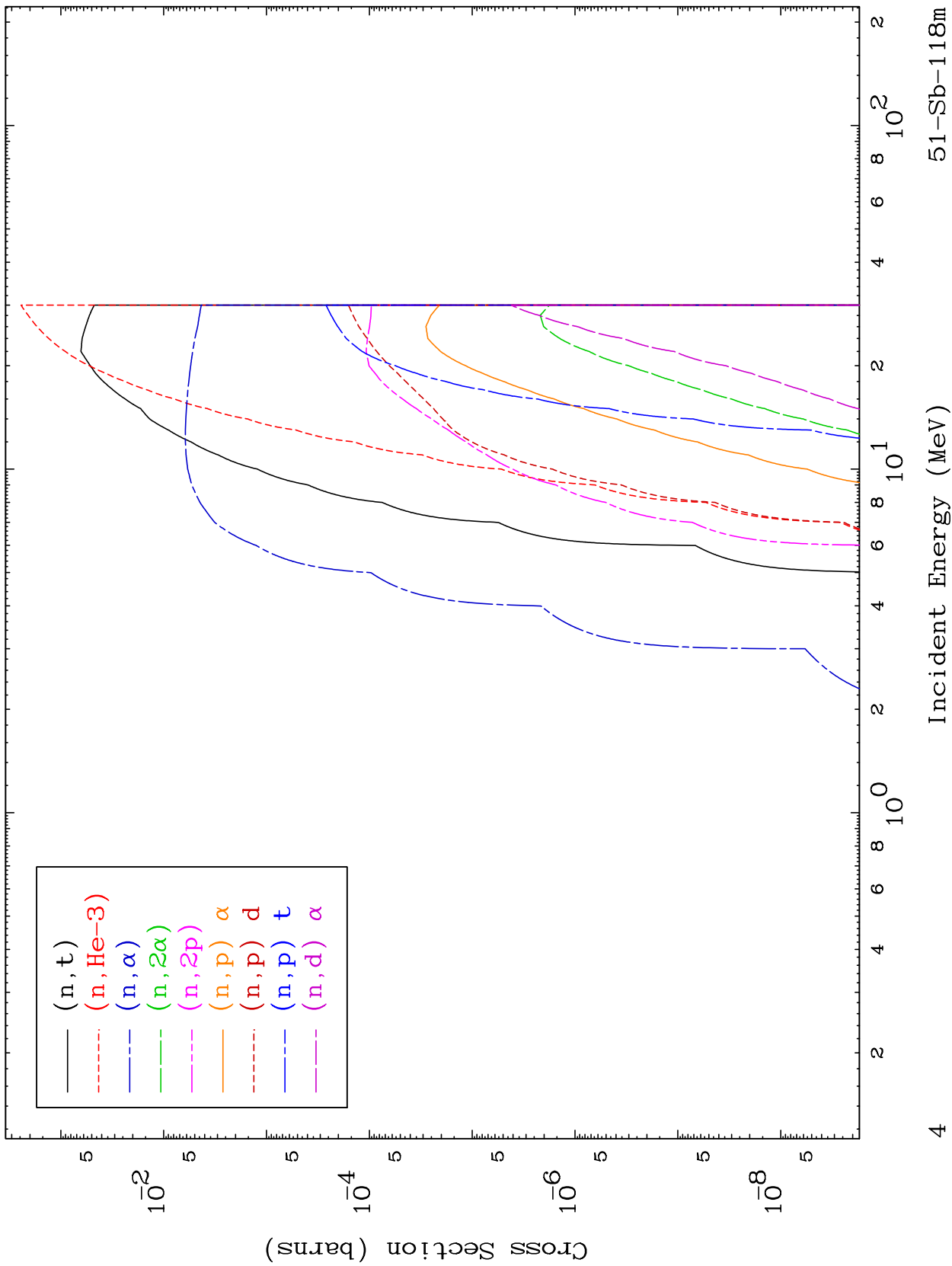
51-Sb-118m

Incident Energy (MeV)

MAT 5117

Triton Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-118m

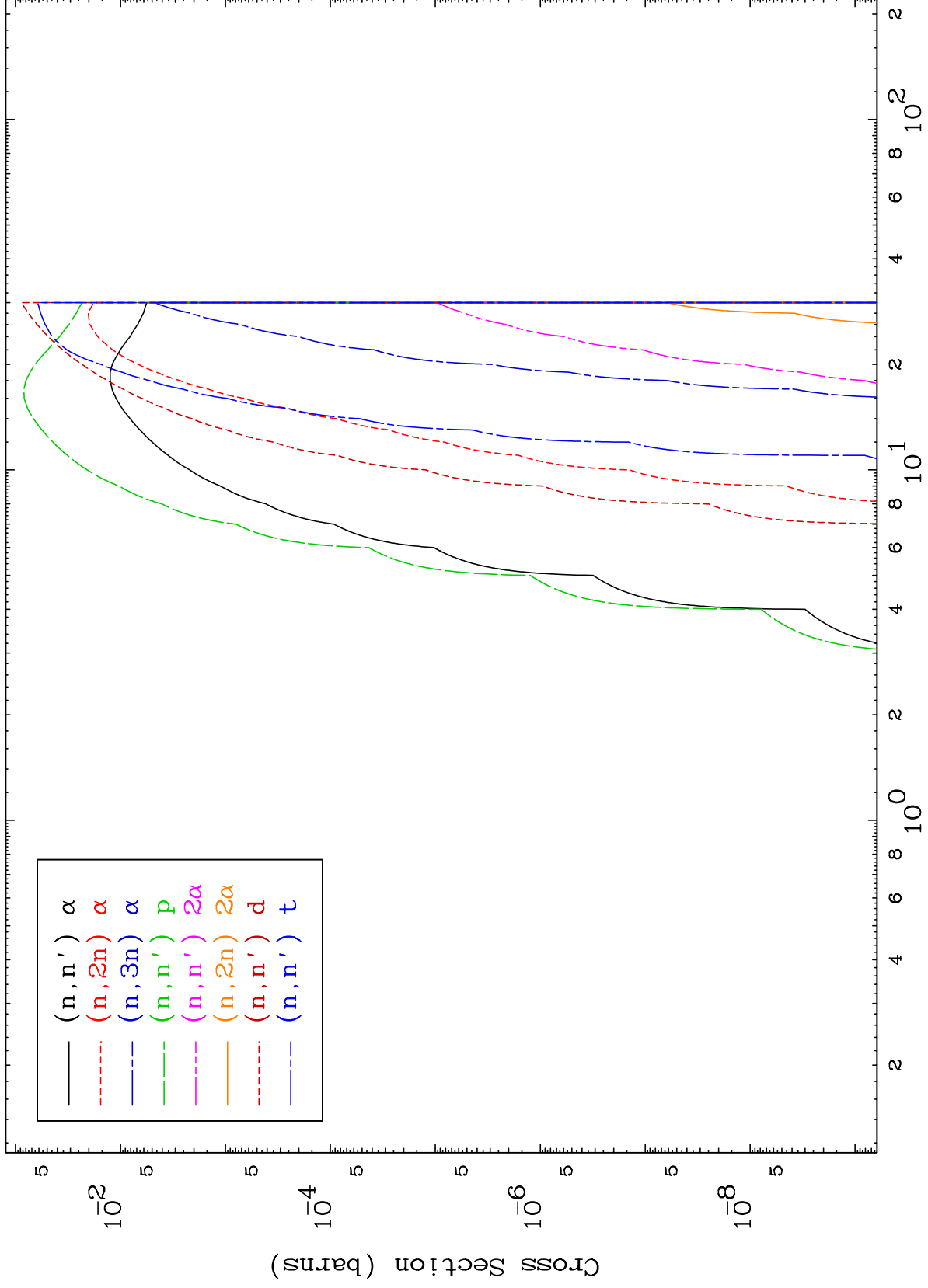


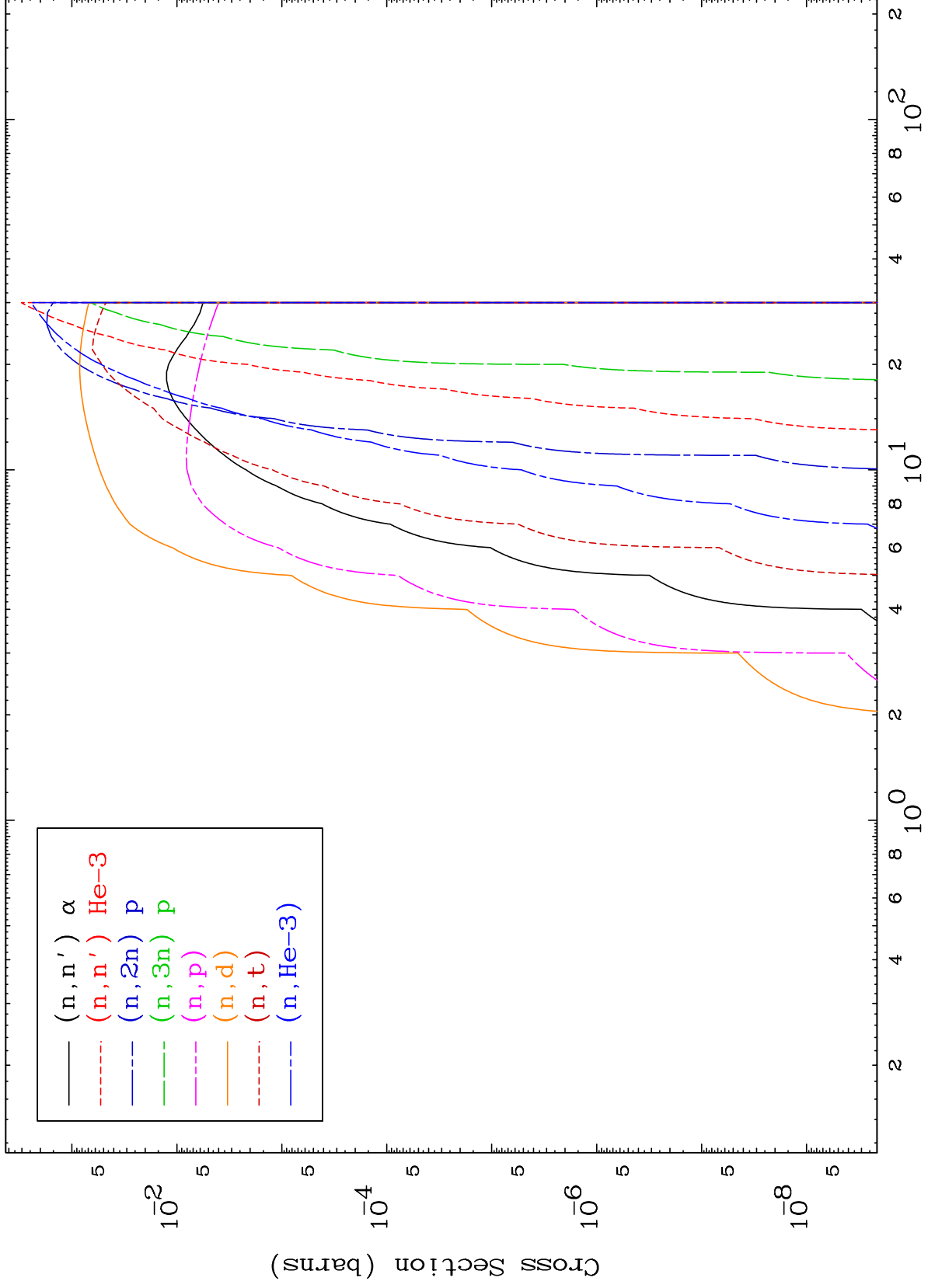
51-Sb-118m

MAT 5117

Triton Charged Particle  
0 Kelvin Cross Sections

51-Sb-118m

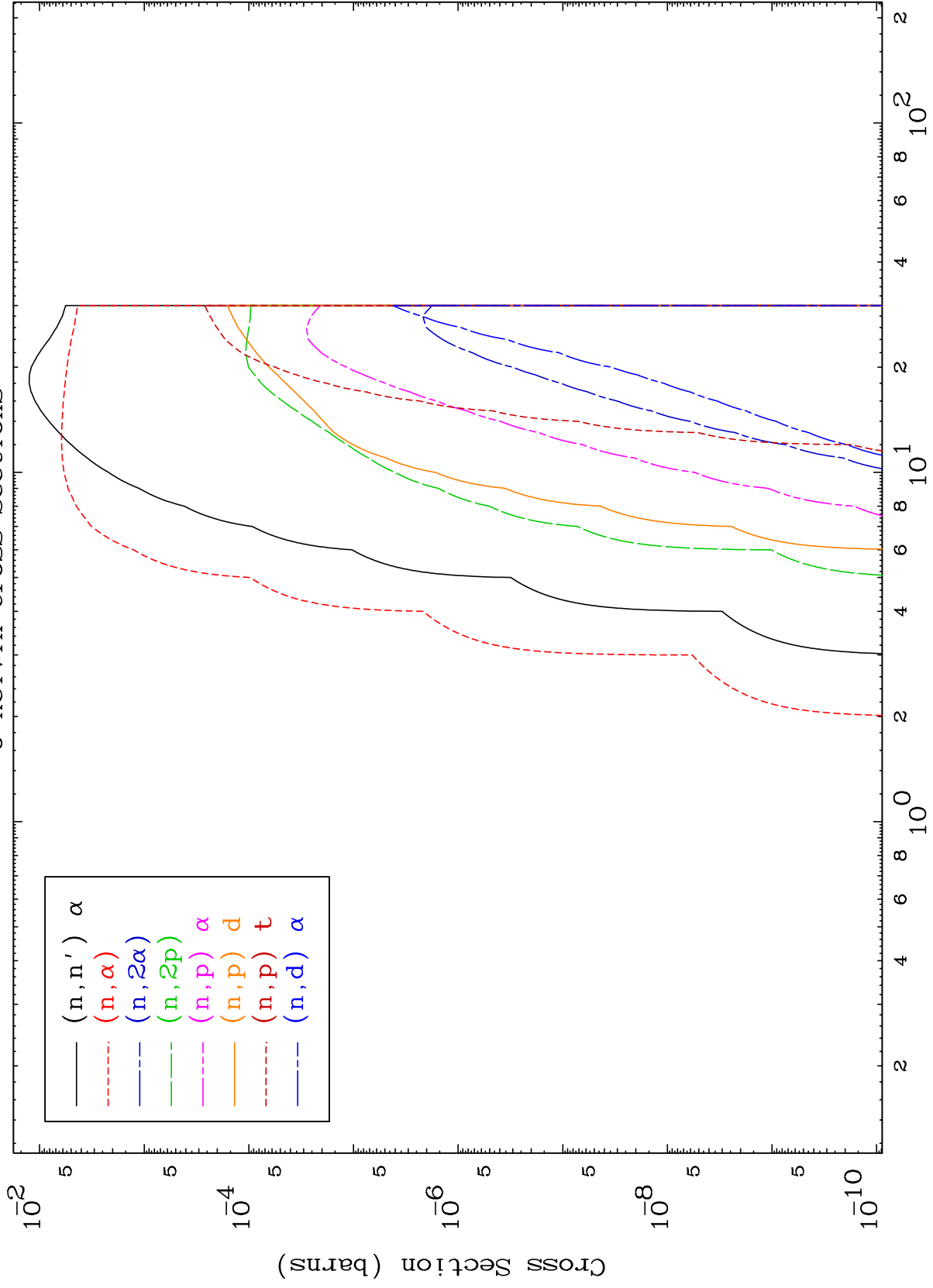




MAT 5117

Triton Charged Particle  
0 Kelvin Cross Sections

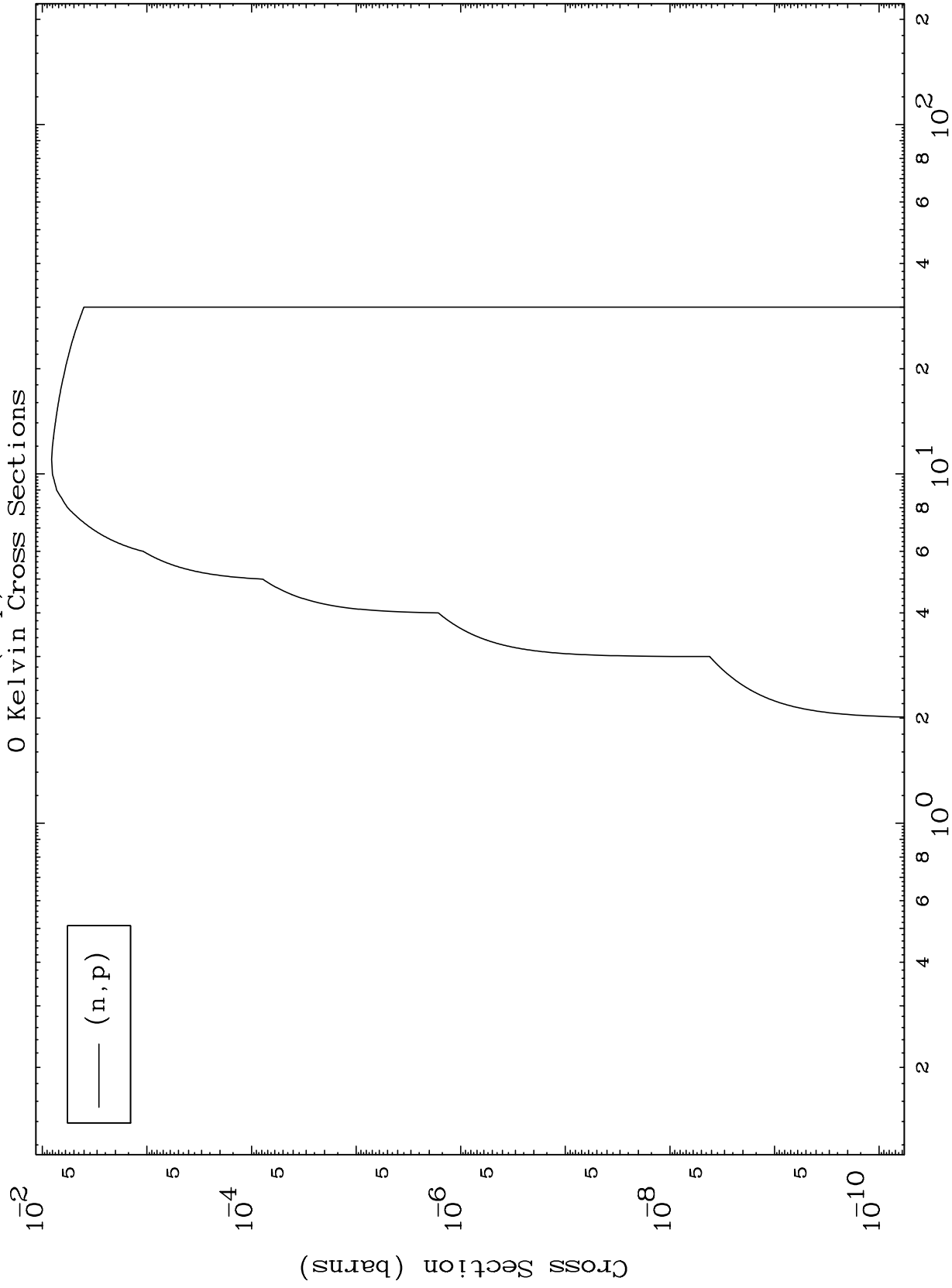
51-Sb-118m



MAT 5117

(t,p) Levels

51-Sb-118m

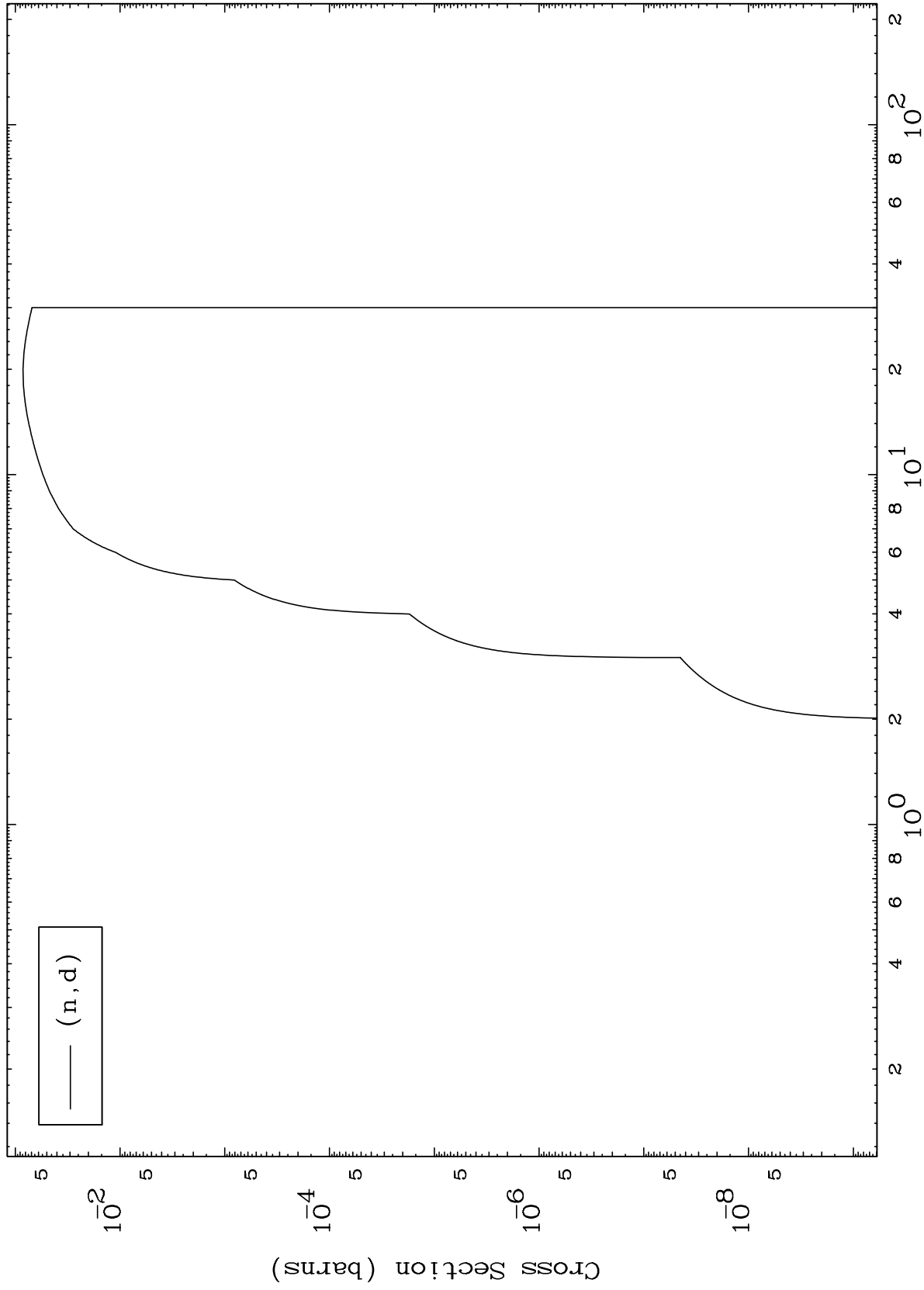


MAT 5117

(t,d) Levels

51-Sb-118m

0 Kelvin Cross Sections

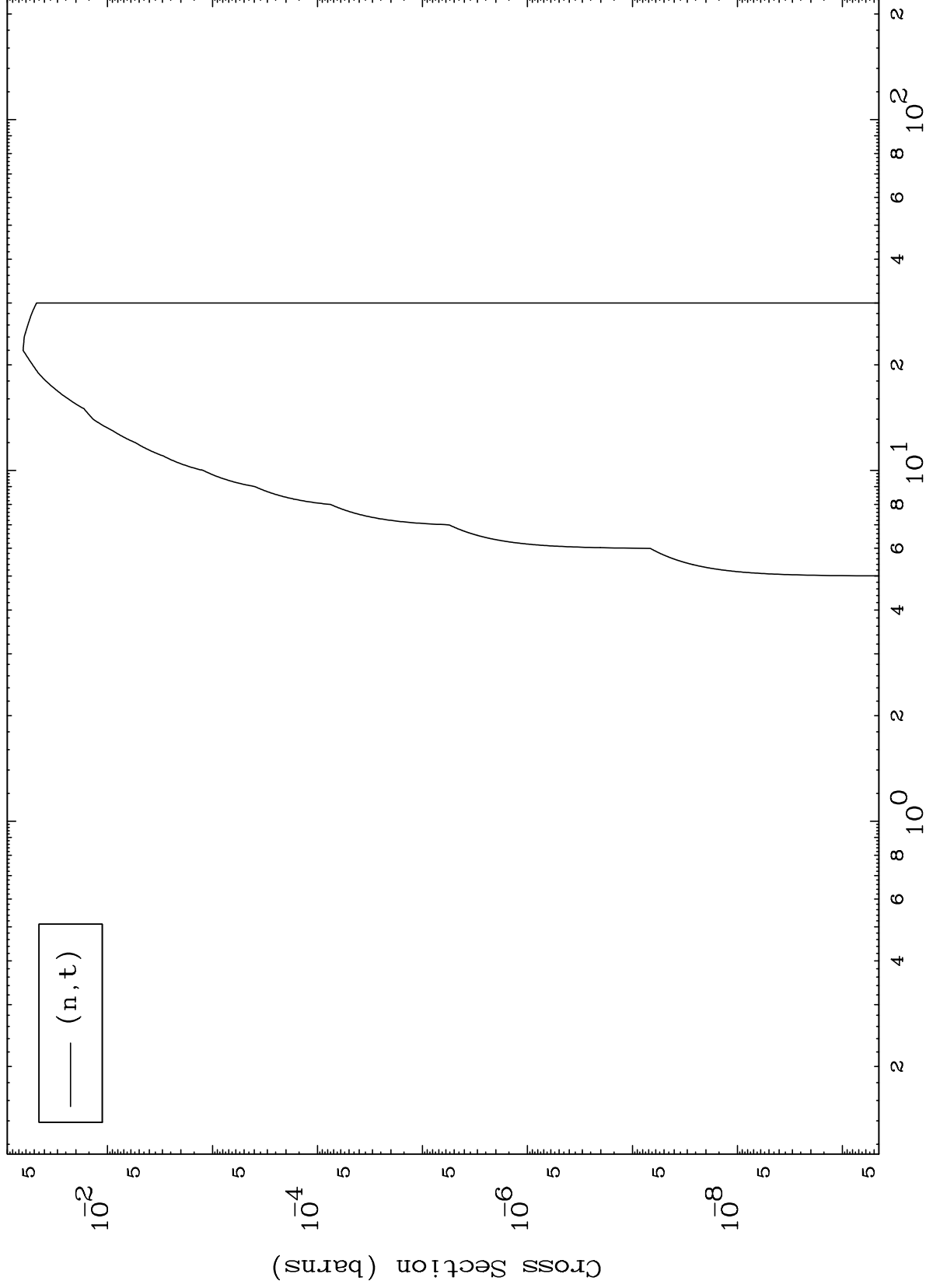


MAT 5117

(t, t) Levels

51-Sb-118m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

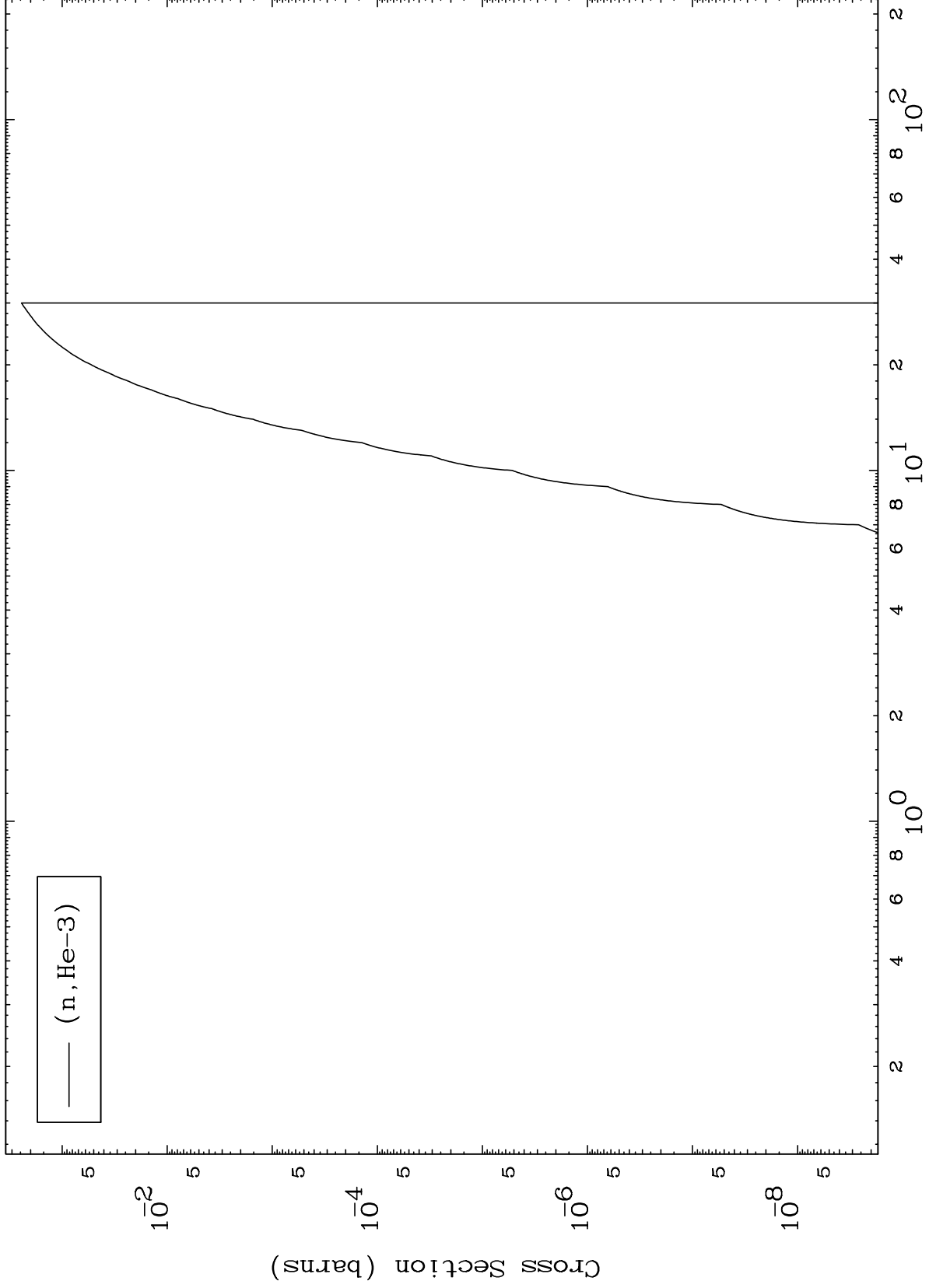
51-Sb-118m

MAT 51117

(t,He3) Levels

51-Sb-118m

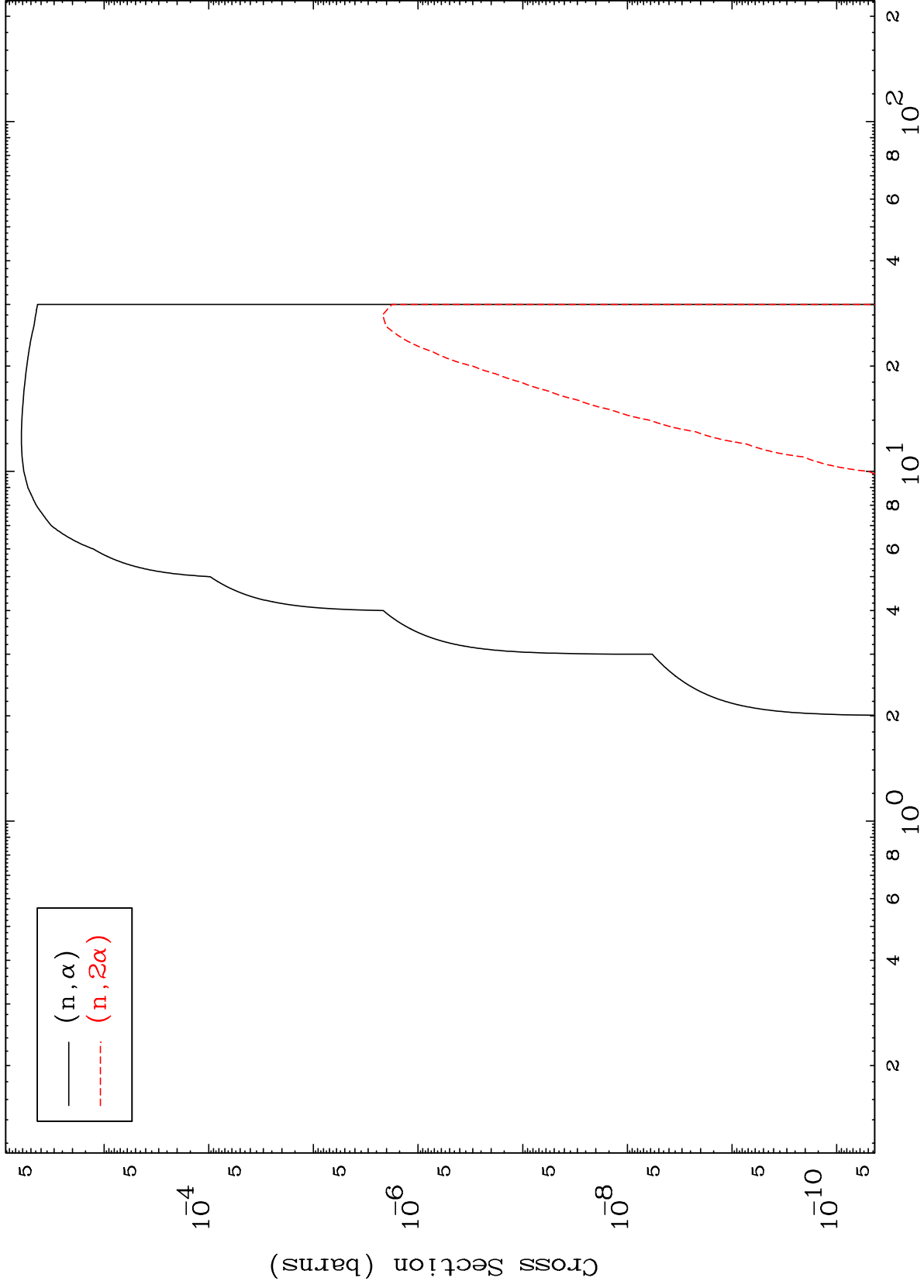
0 Kelvin Cross Sections



MAT 5117

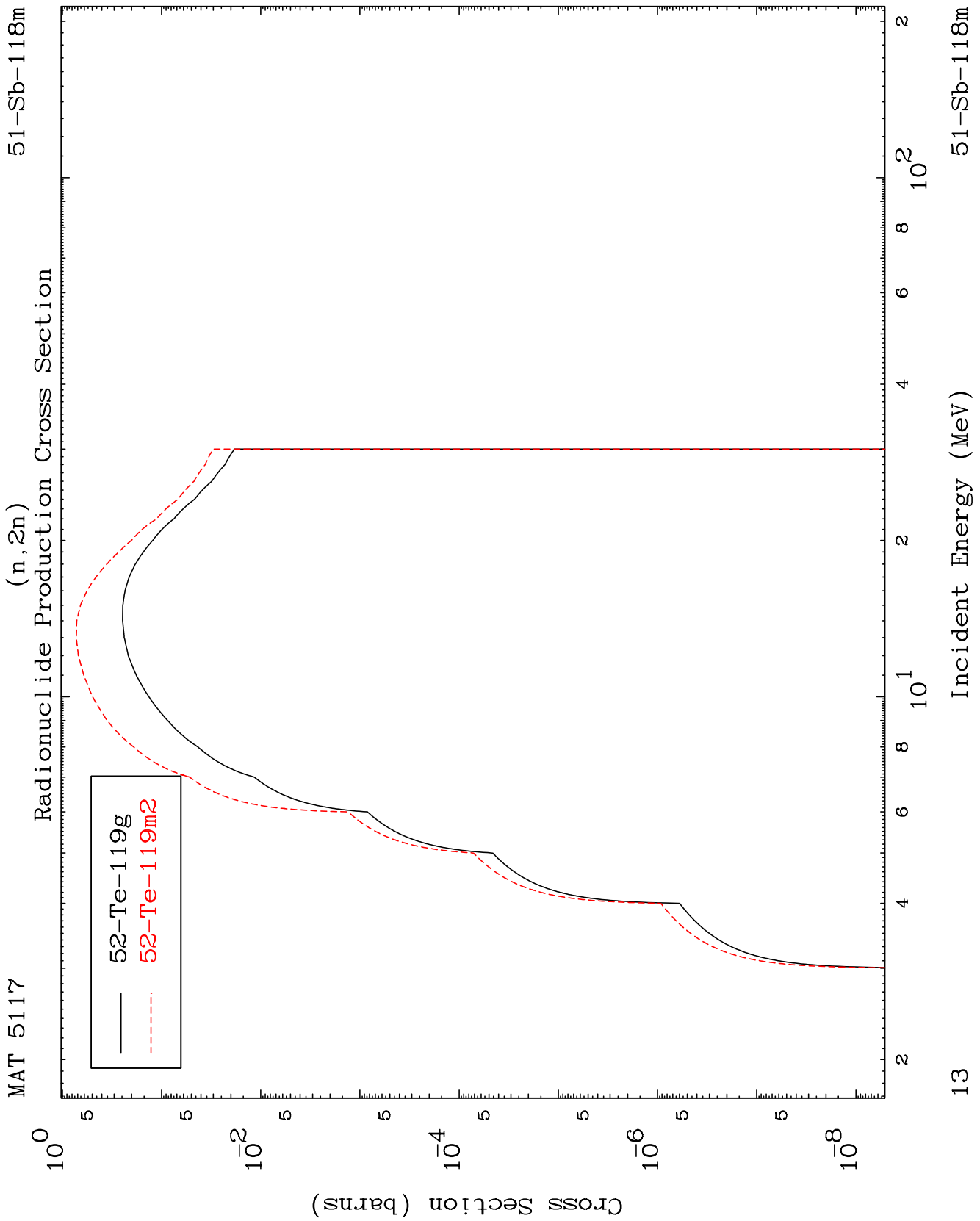
(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

51-Sb-118m



12

51-Sb-118m

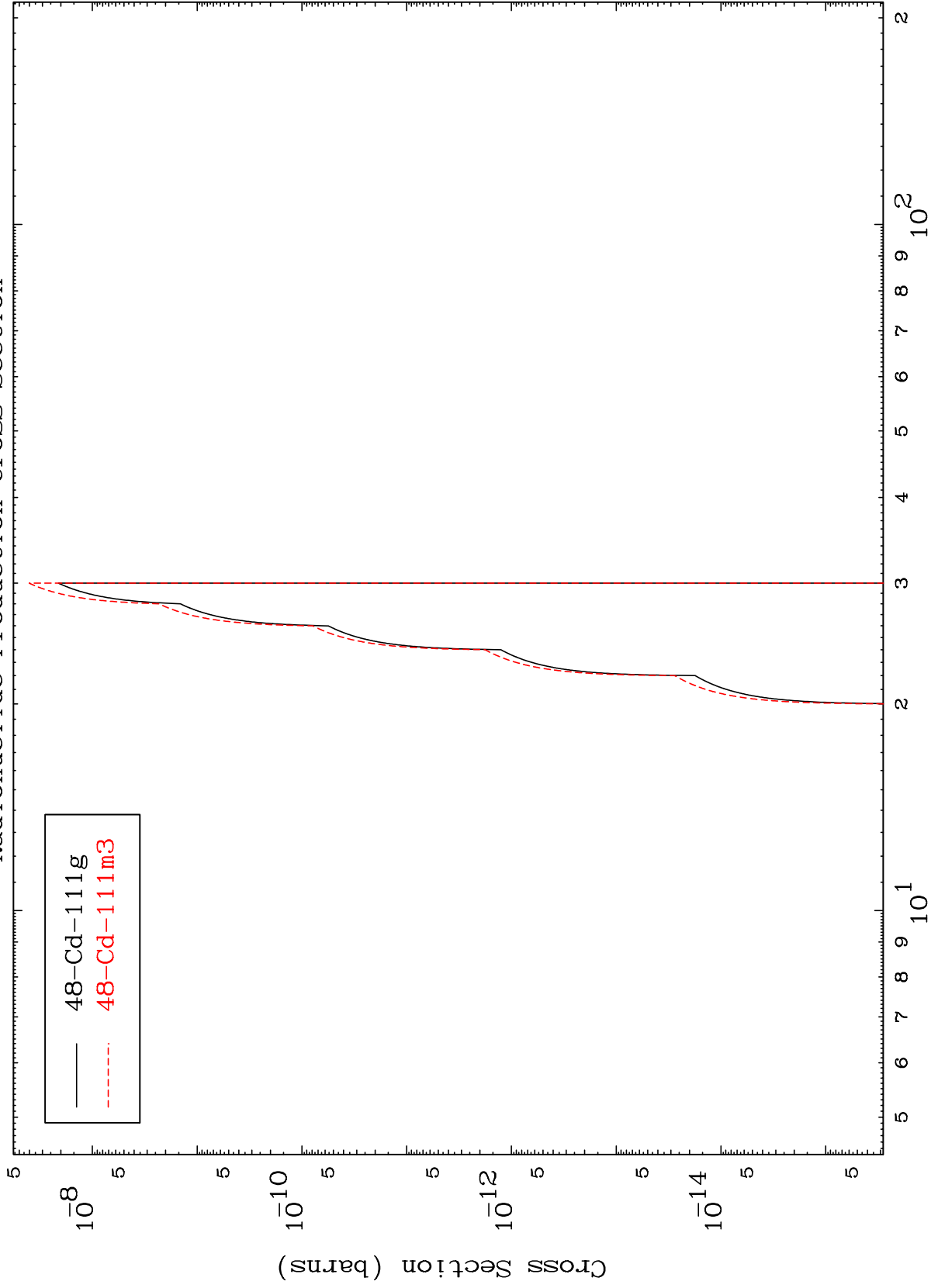


MAT 5117

(n,2n)  $2\alpha$

51-Sb-118m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

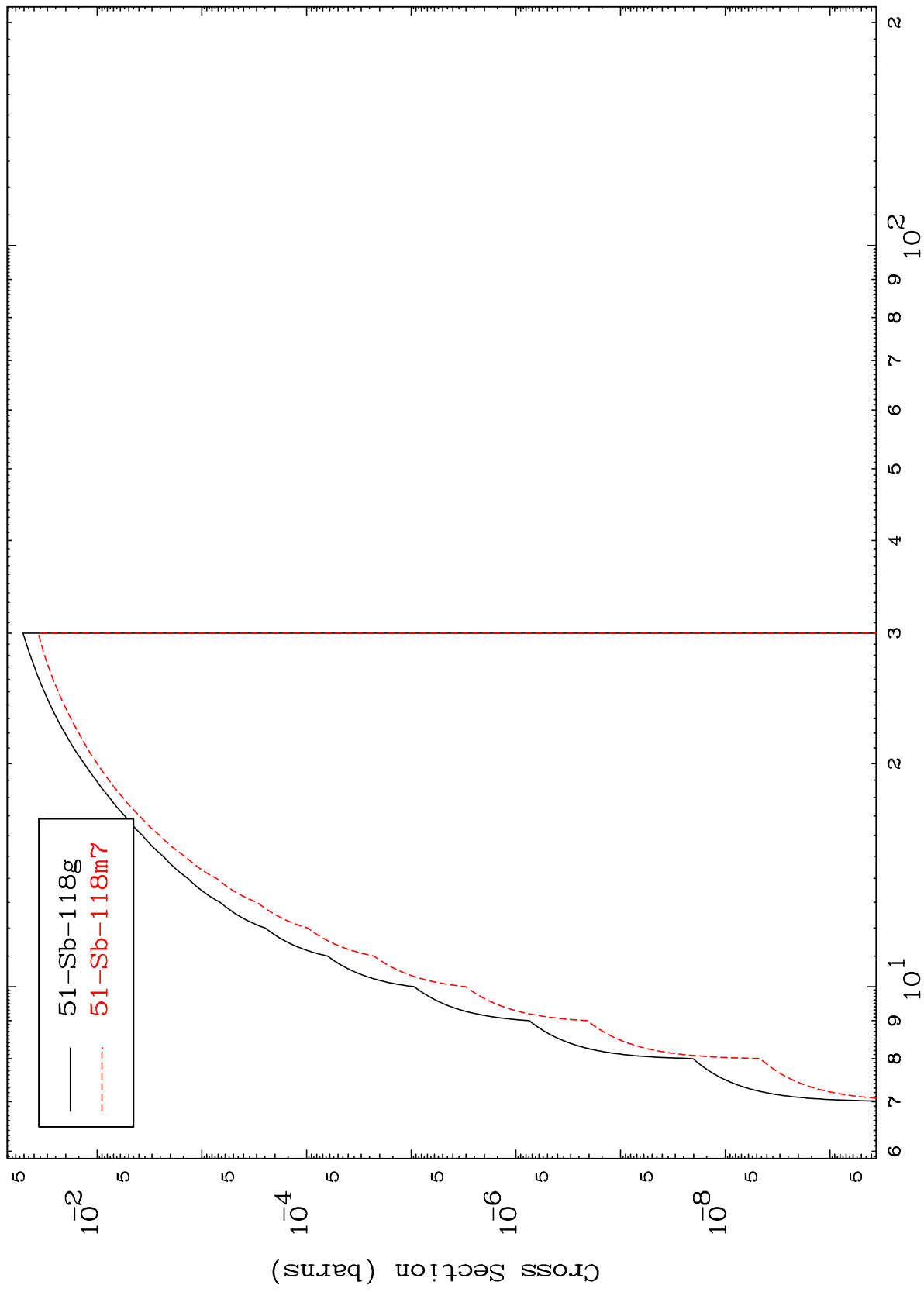
51-Sb-118m

MAT 5117

(n,n') d

51-Sb-118m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

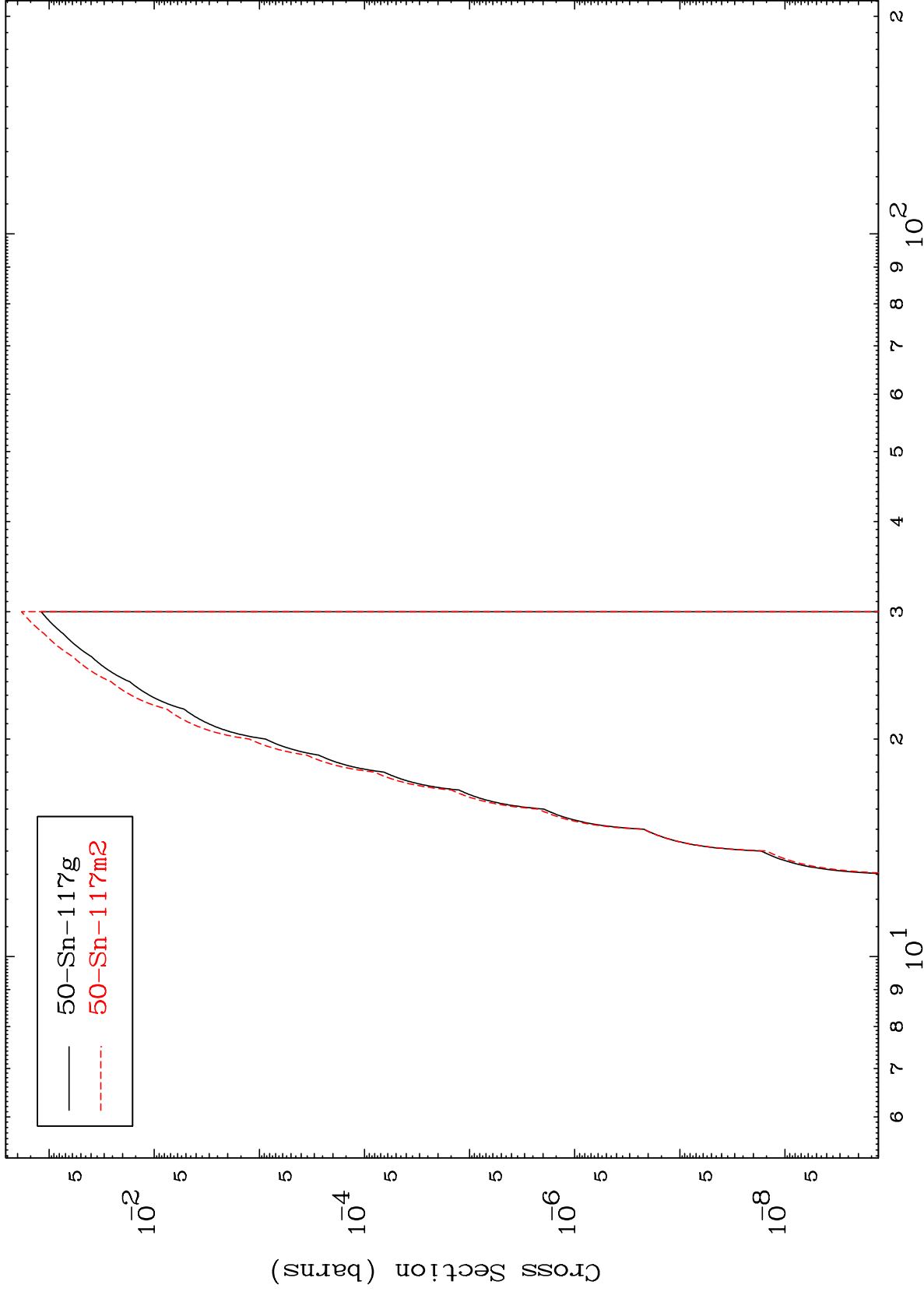
51-Sb-118m

MAT 5117

(n,n') He-3

51-Sb-118m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

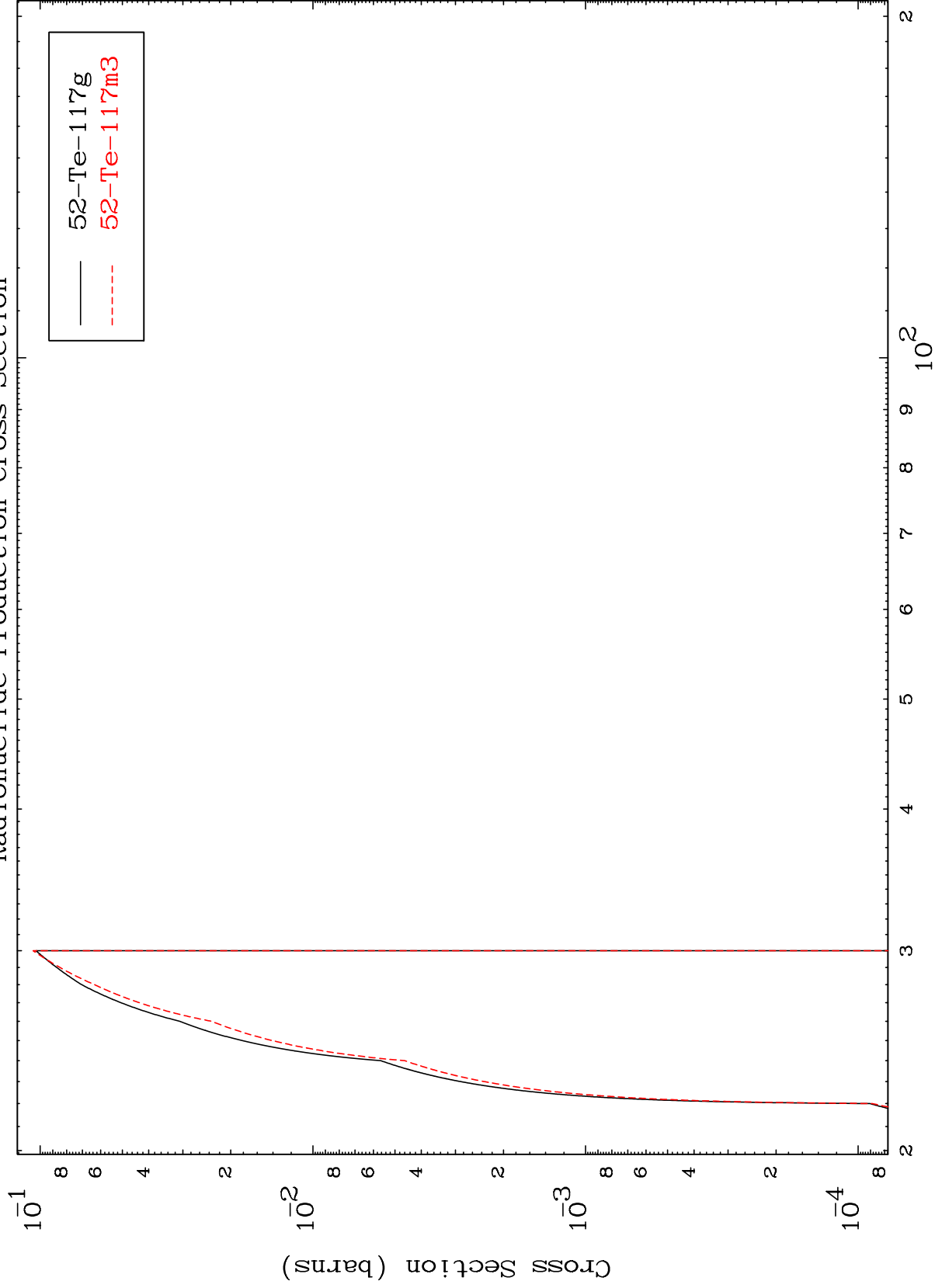
51-Sb-118m

MAT 5117

(n,4n)

51-Sb-118m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

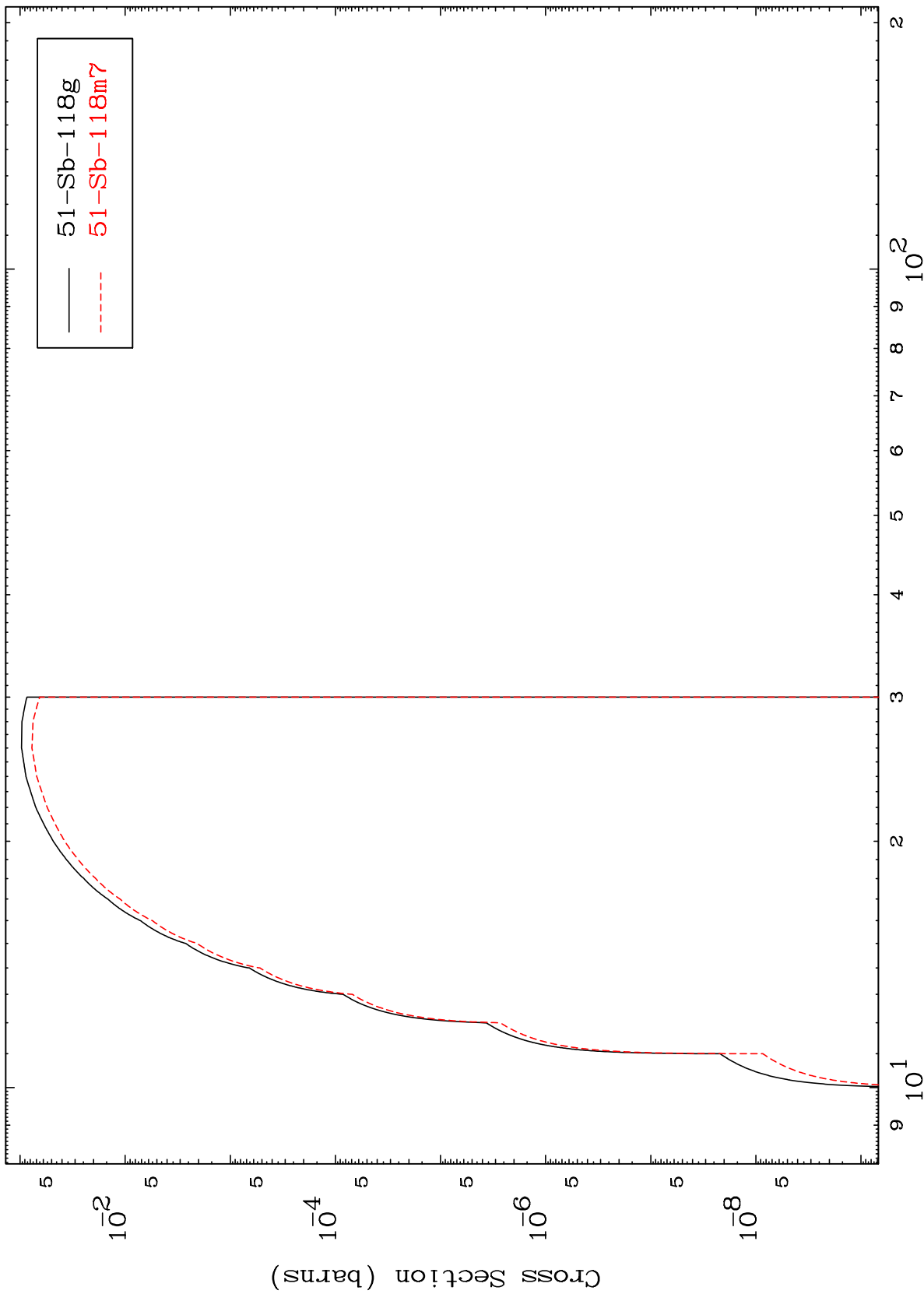
51-Sb-118m

MAT 5117

(n,2n) p

51-Sb-118m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

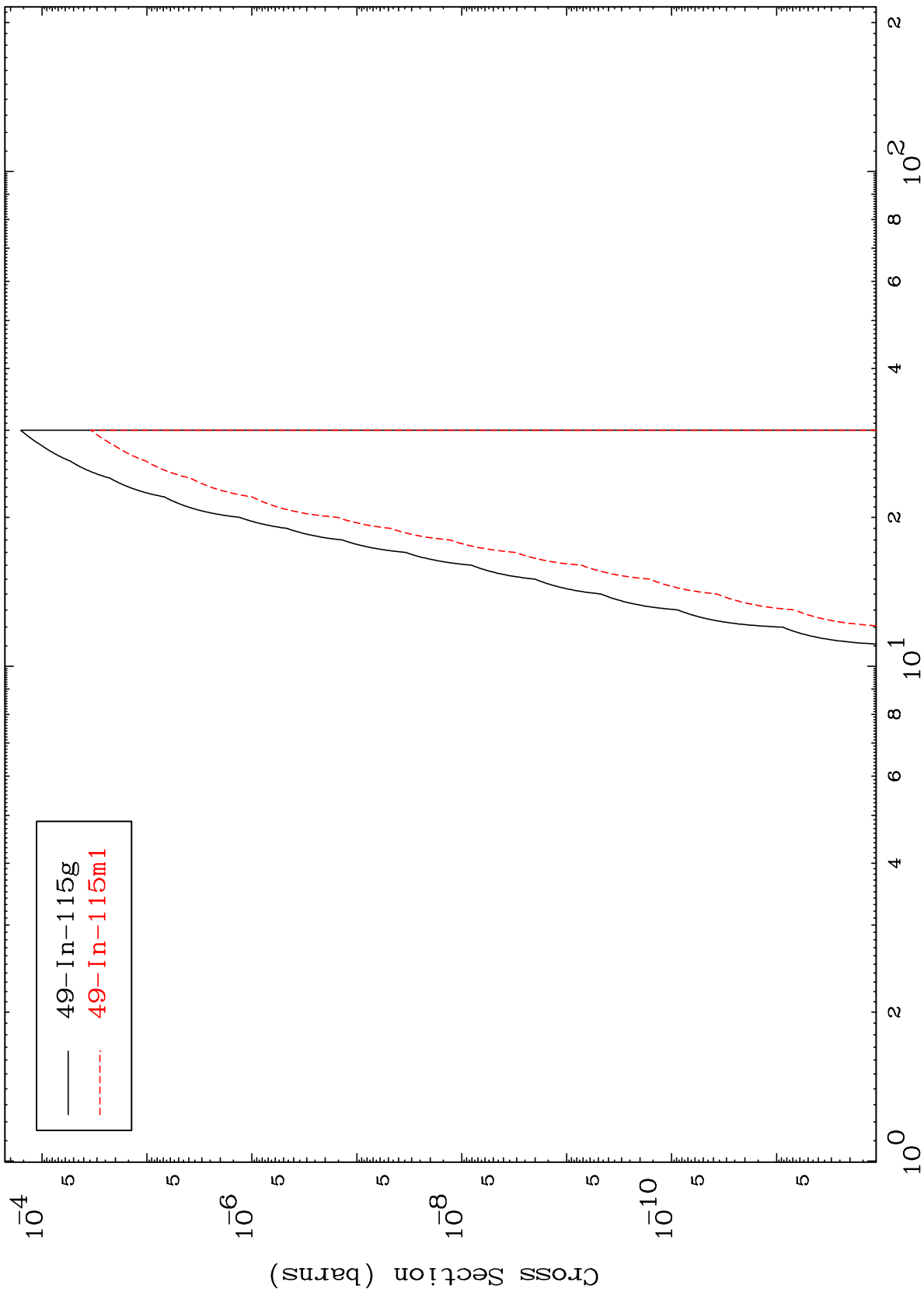
51-Sb-118m

MAT 5117

(n,n') p  $\alpha$

51-Sb-118m

Radionuclide Production Cross Section



19

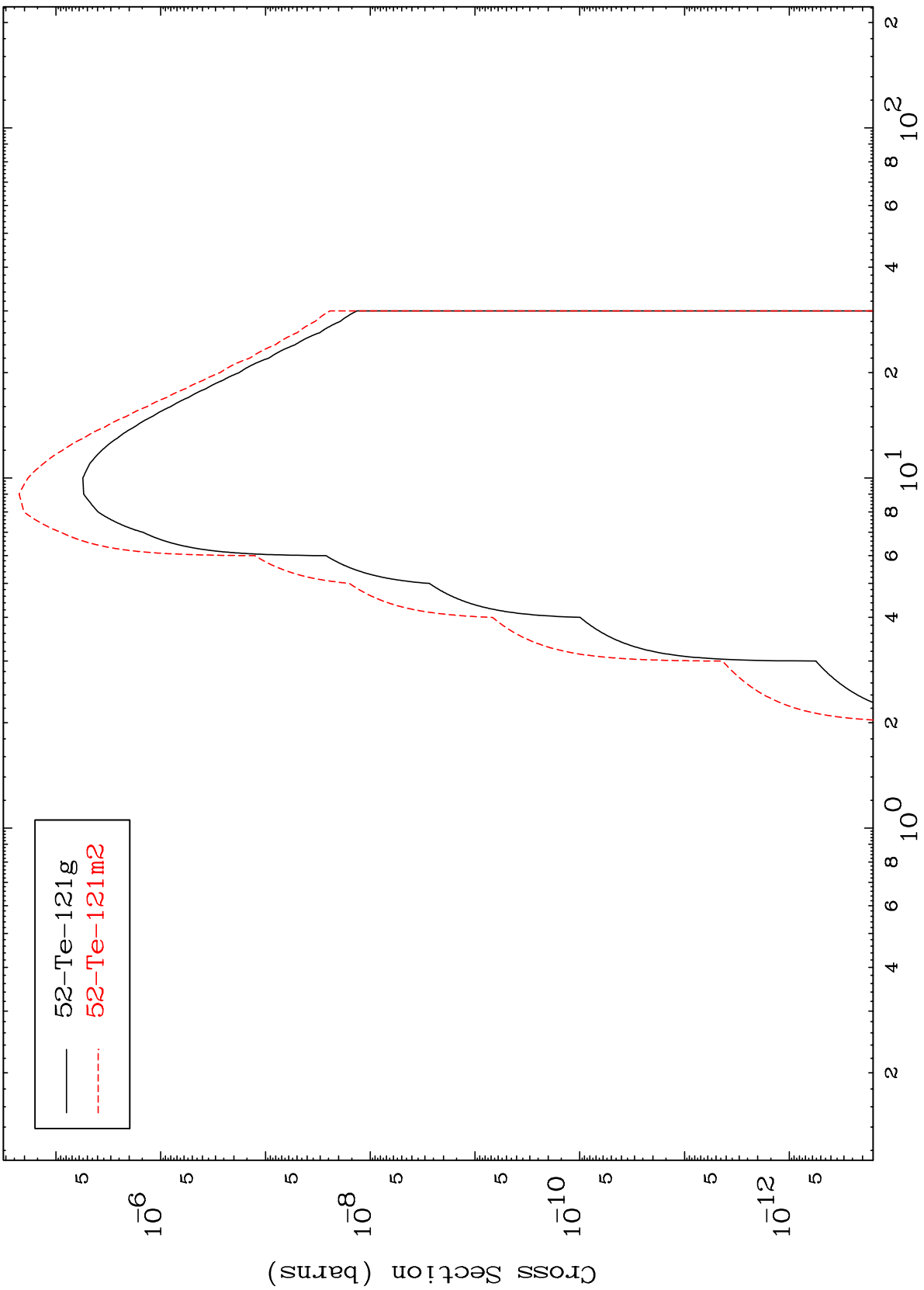
Incident Energy (MeV)

51-Sb-118m

MAT 5117

51-Sb-118m

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

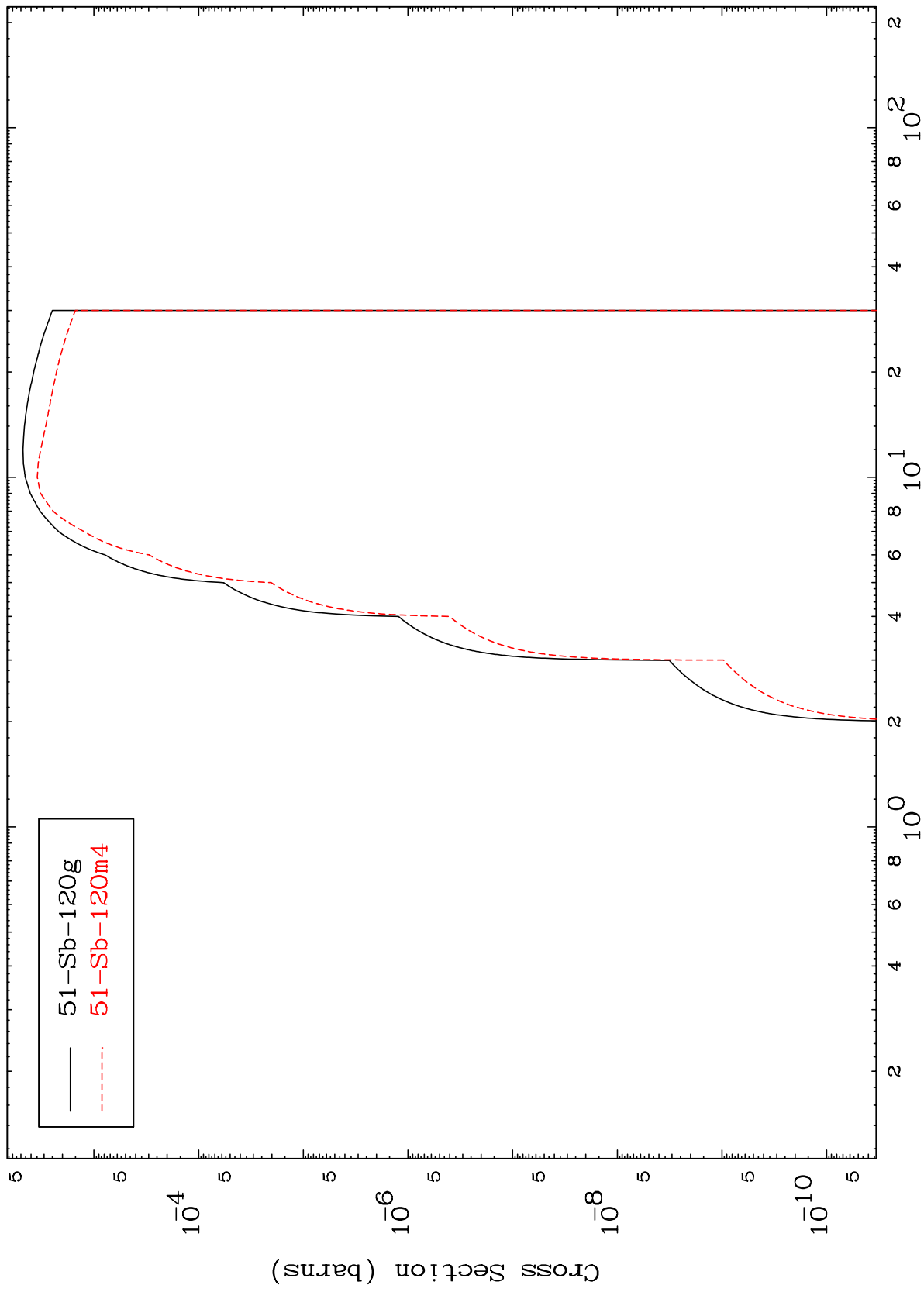


52-Te-121g  
52-Te-121m2

MAT 5117

51-Sb-118m

Radionuclide Production Cross Section (n,p)



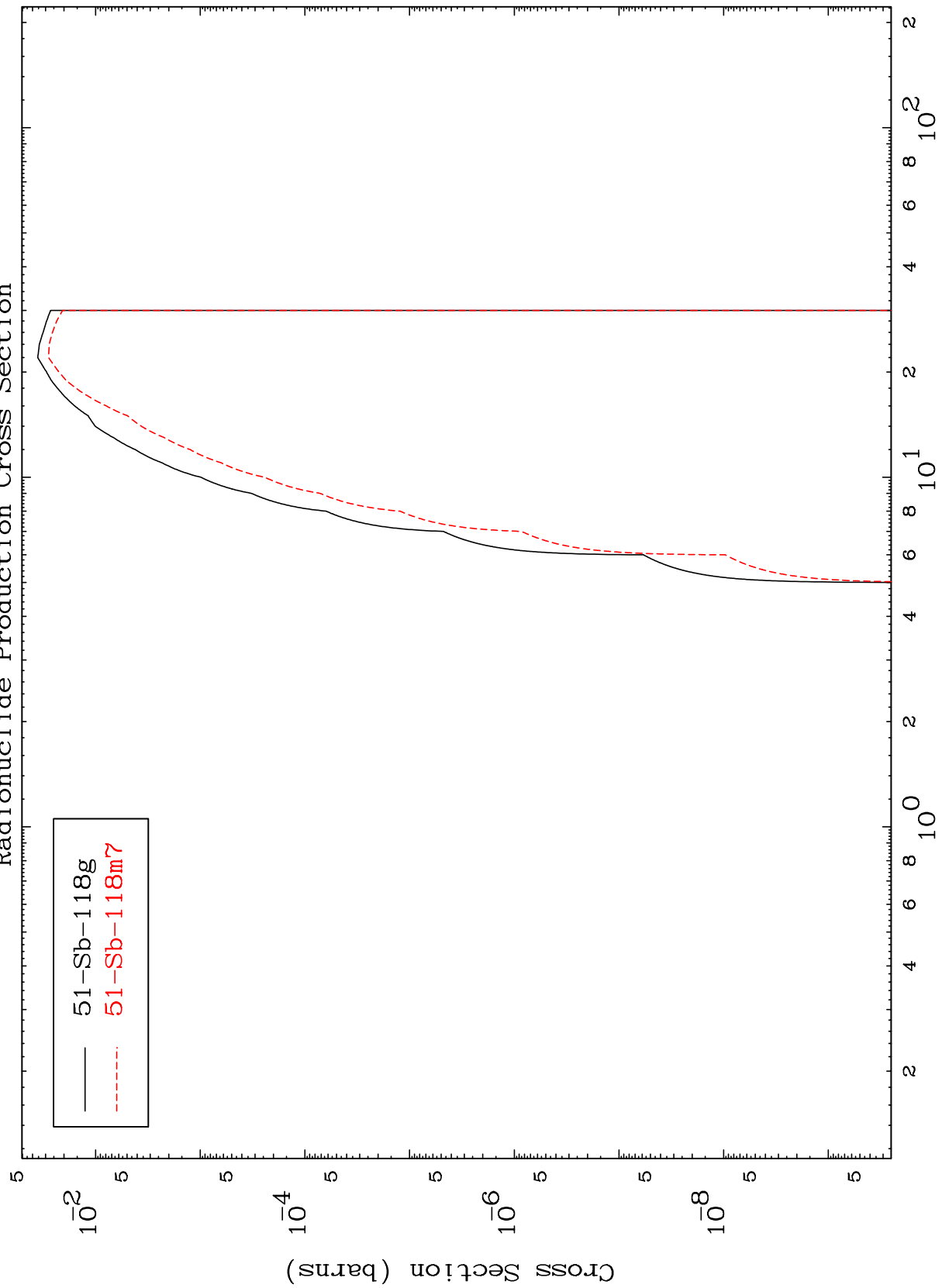
51-Sb-118m

Incident Energy (MeV)

MAT 5117

51-Sb-118m

(n, t)  
Radionuclide Production Cross Section



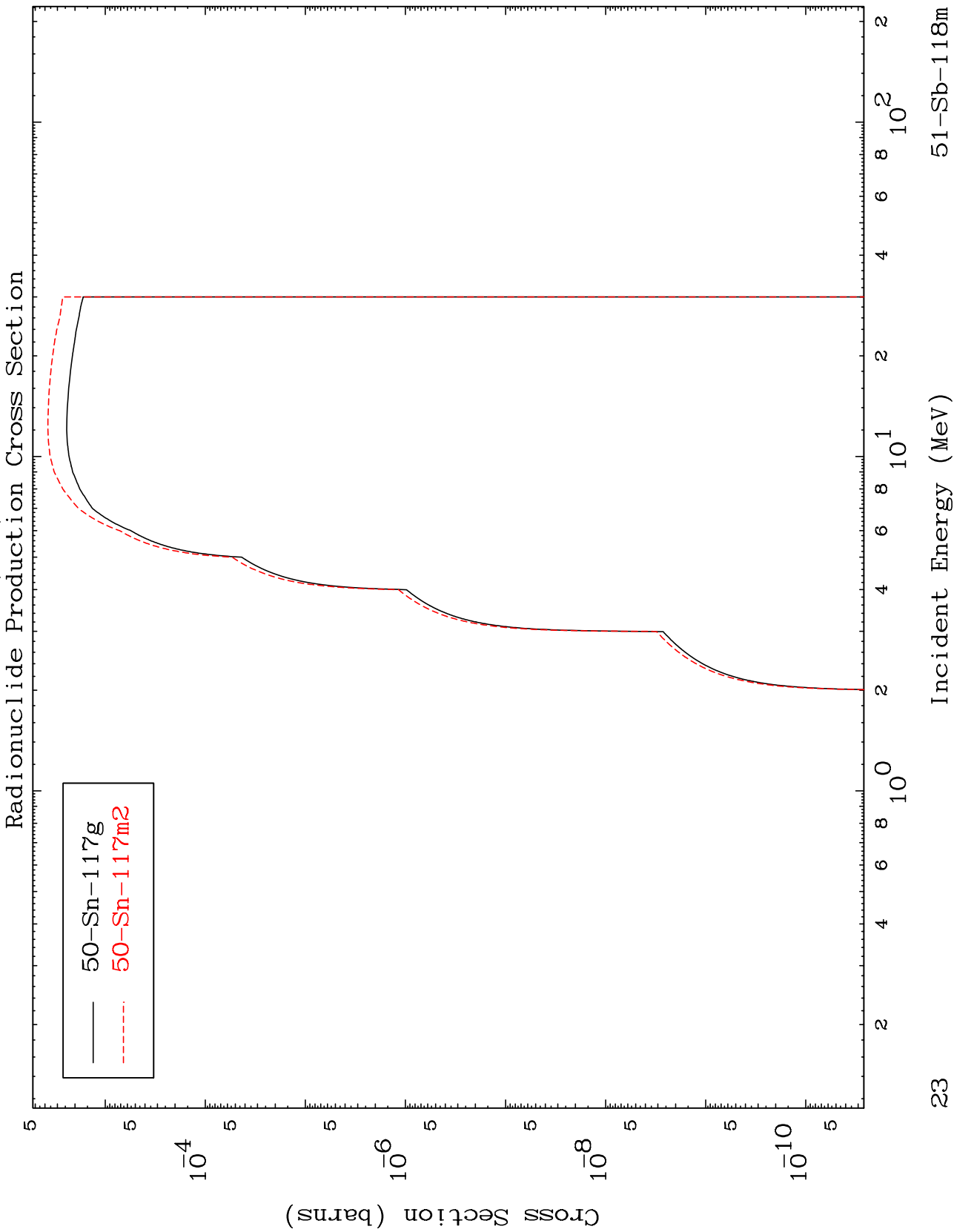
51-Sb-118g  
51-Sb-118m7

51-Sb-118m

Incident Energy (MeV)

MAT 5117

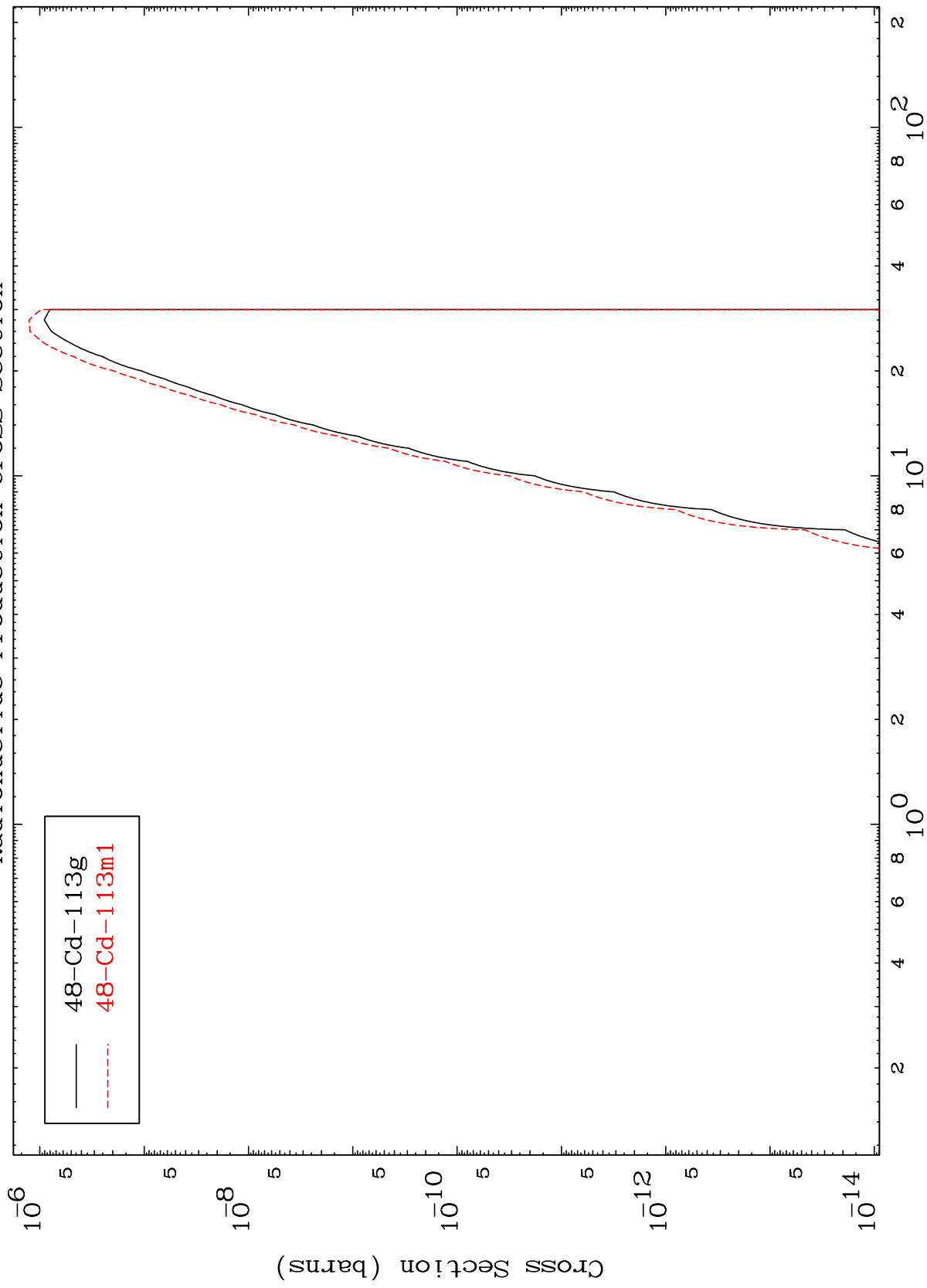
51-Sb-118m



MAT 5117

51-Sb-118m

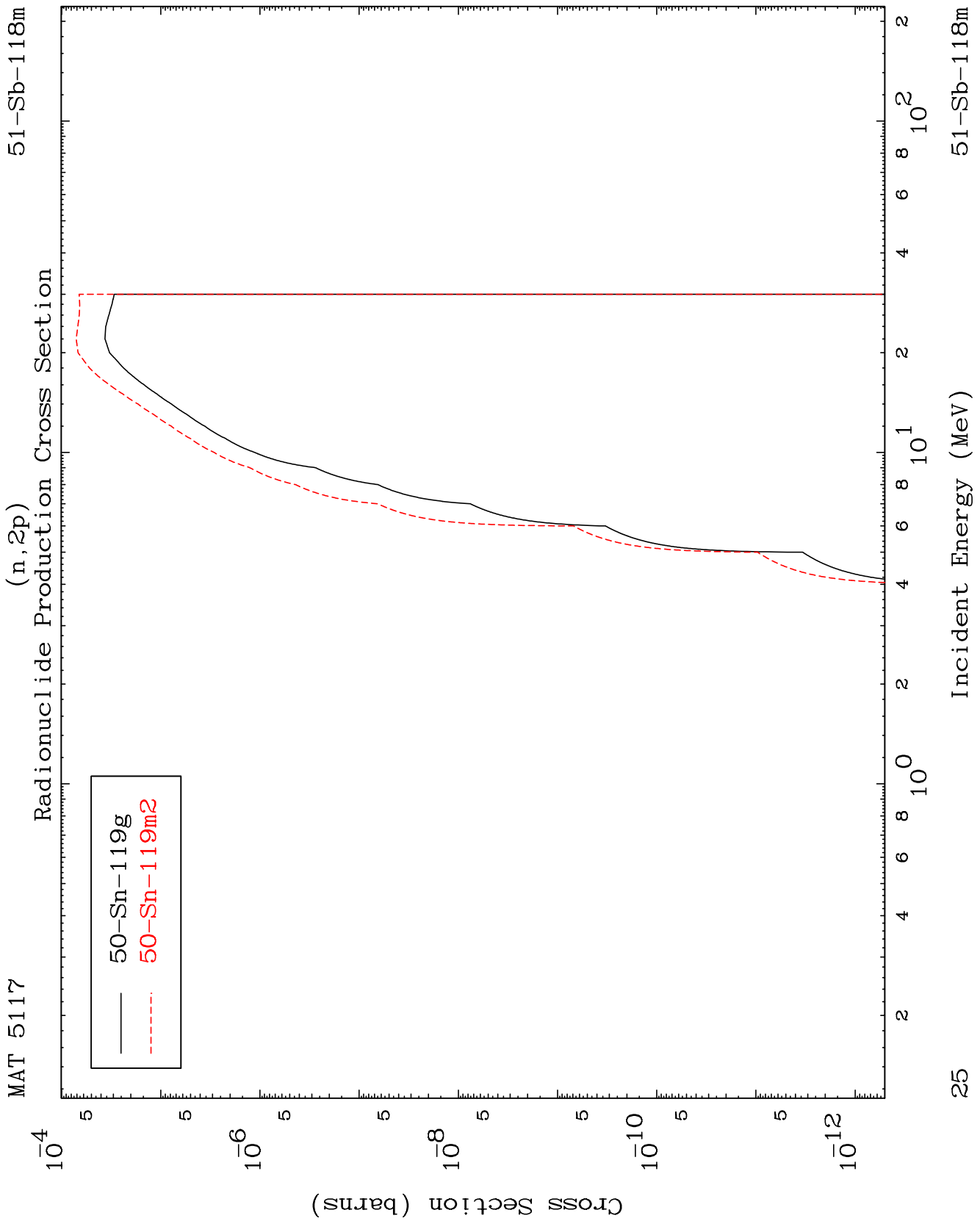
Radionuclide Production Cross Section  
(n,2α)



24

Incident Energy (MeV)

51-Sb-118m

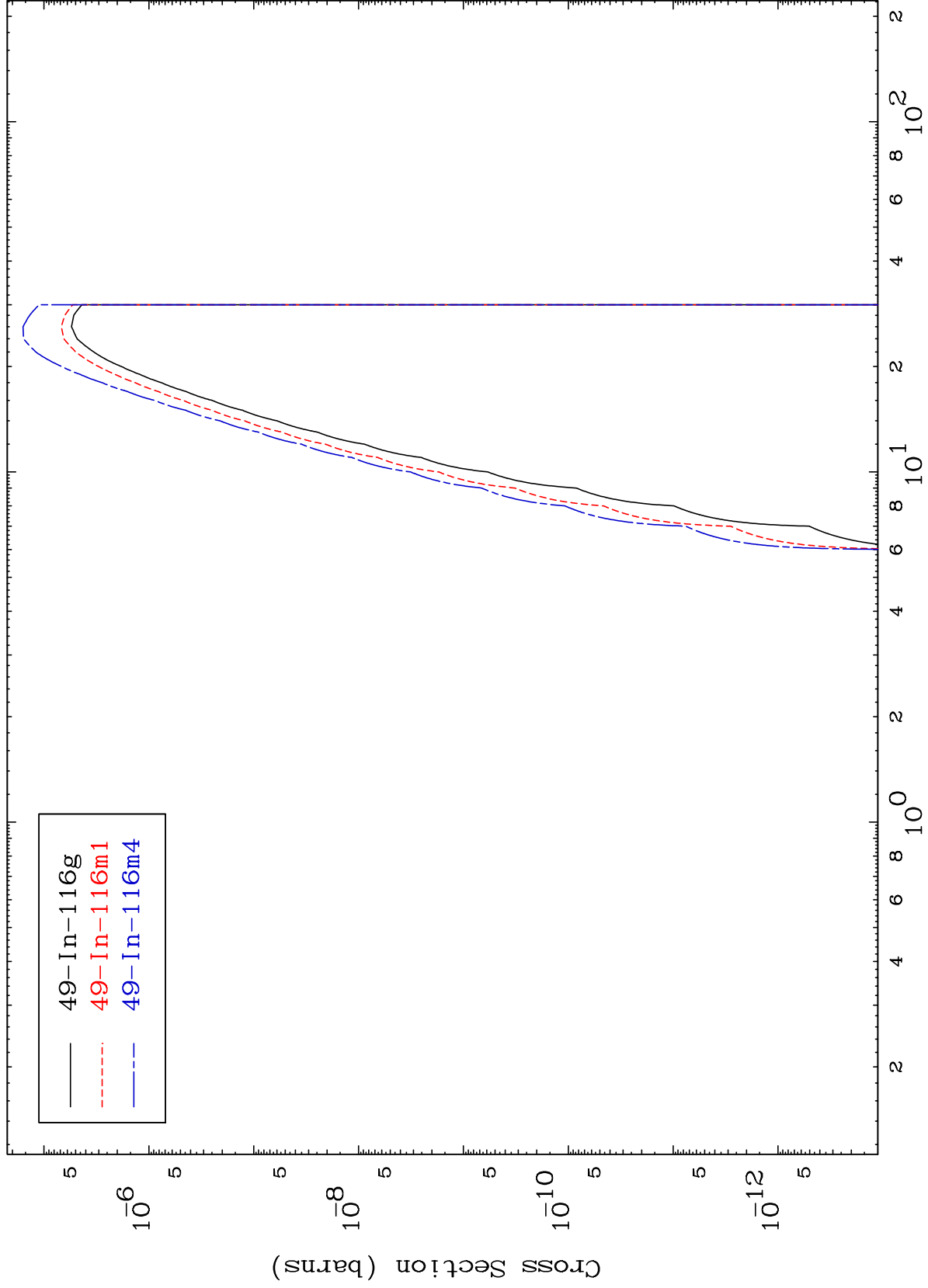


MAT 5117

(n,p)  $\alpha$

51-Sb-118m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

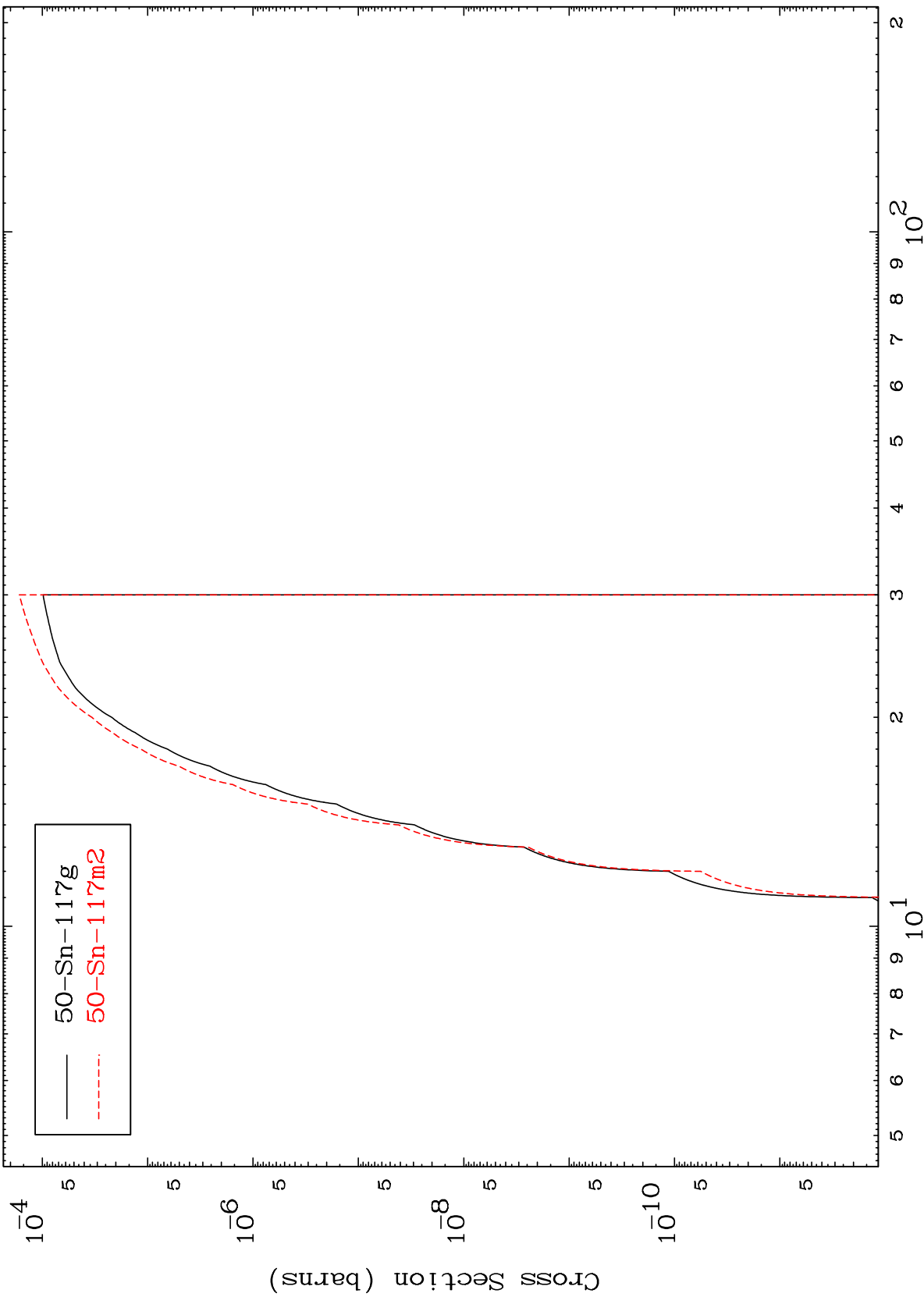
51-Sb-118m

MAT 5117

(n,p) t

51-Sb-118m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

51-Sb-118m

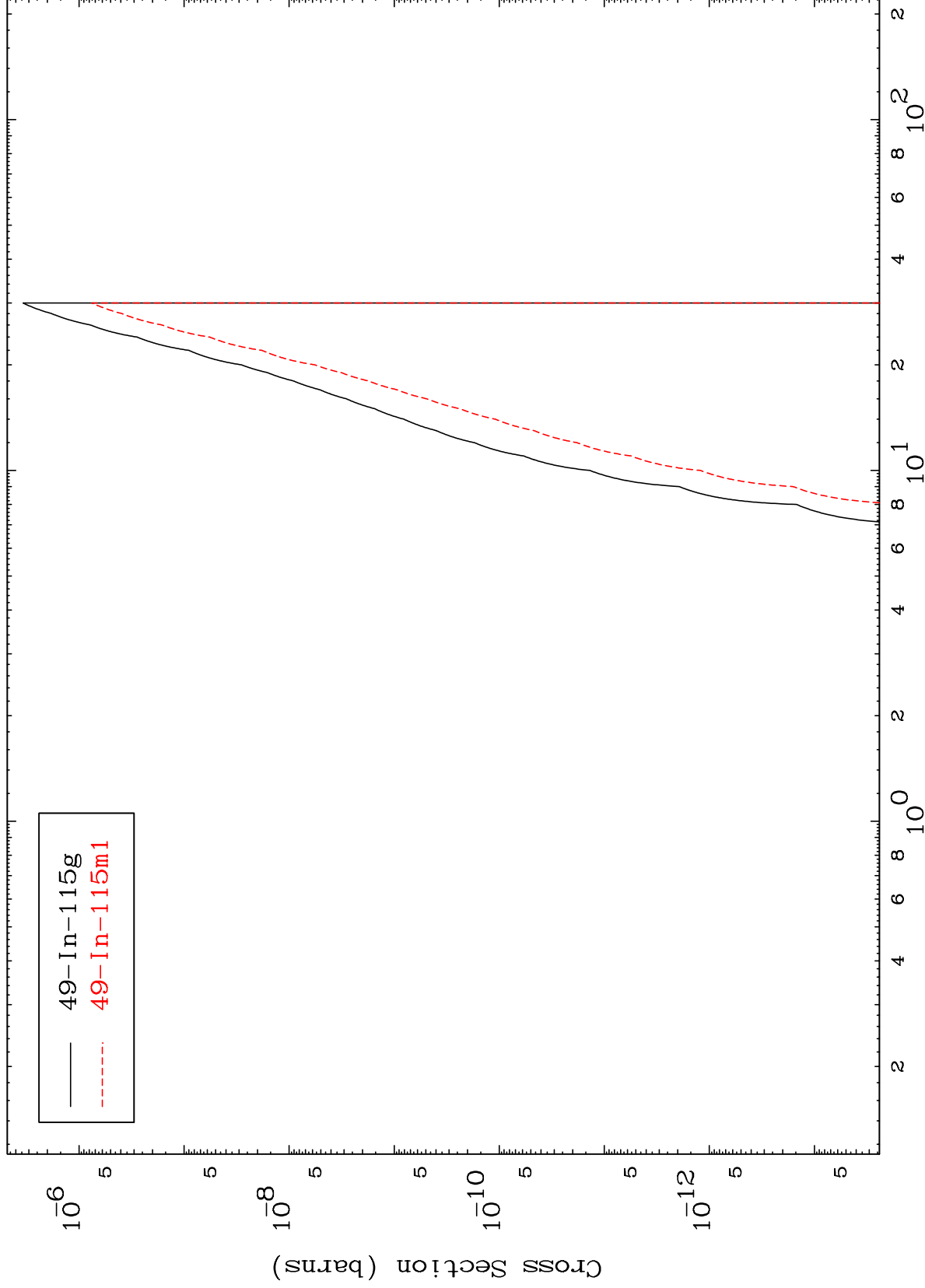
27

MAT 5117

(n,d)  $\alpha$

51-Sb-118m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

51-Sb-118m