

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

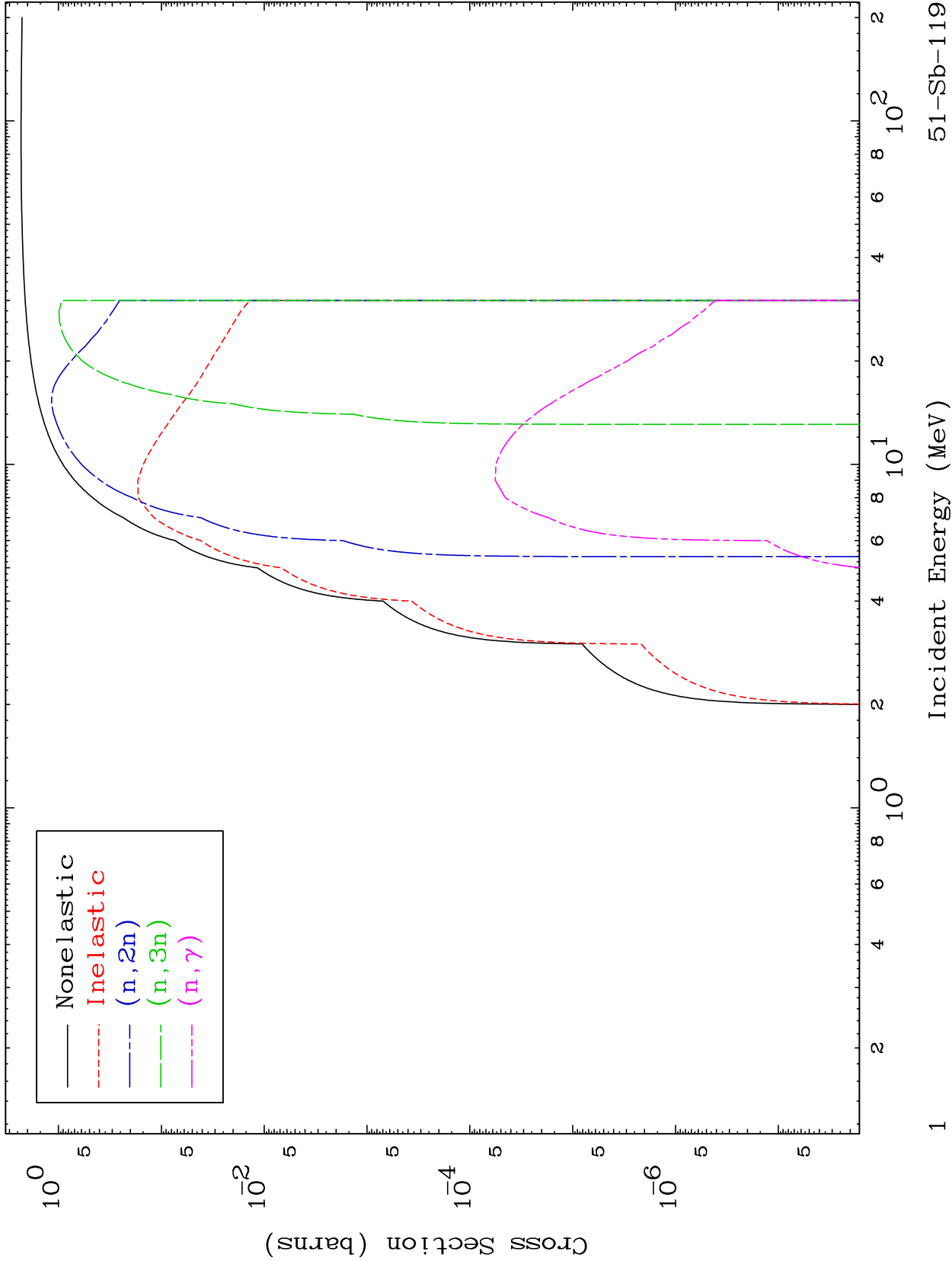
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

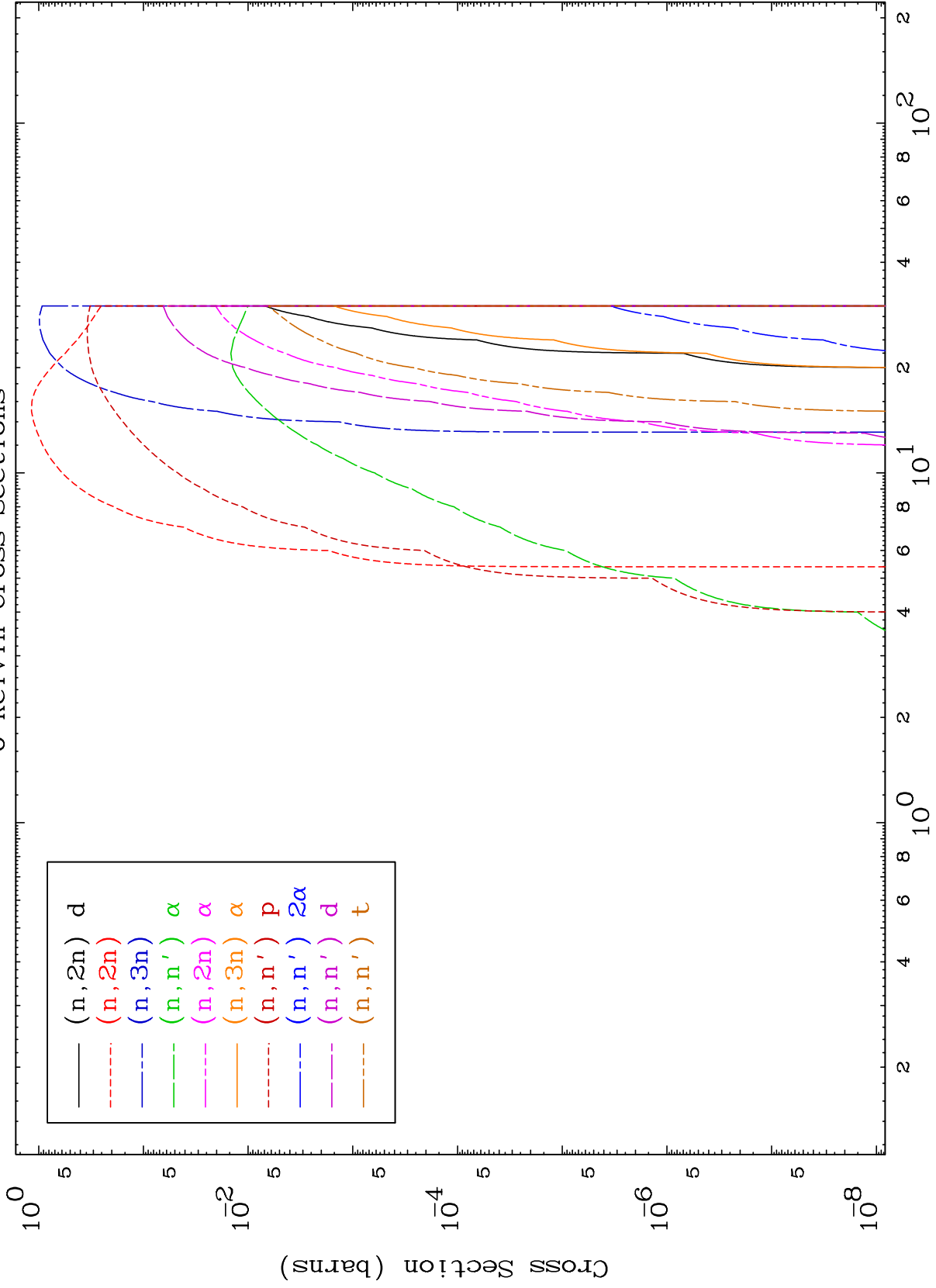
Tele: 925-443-1911

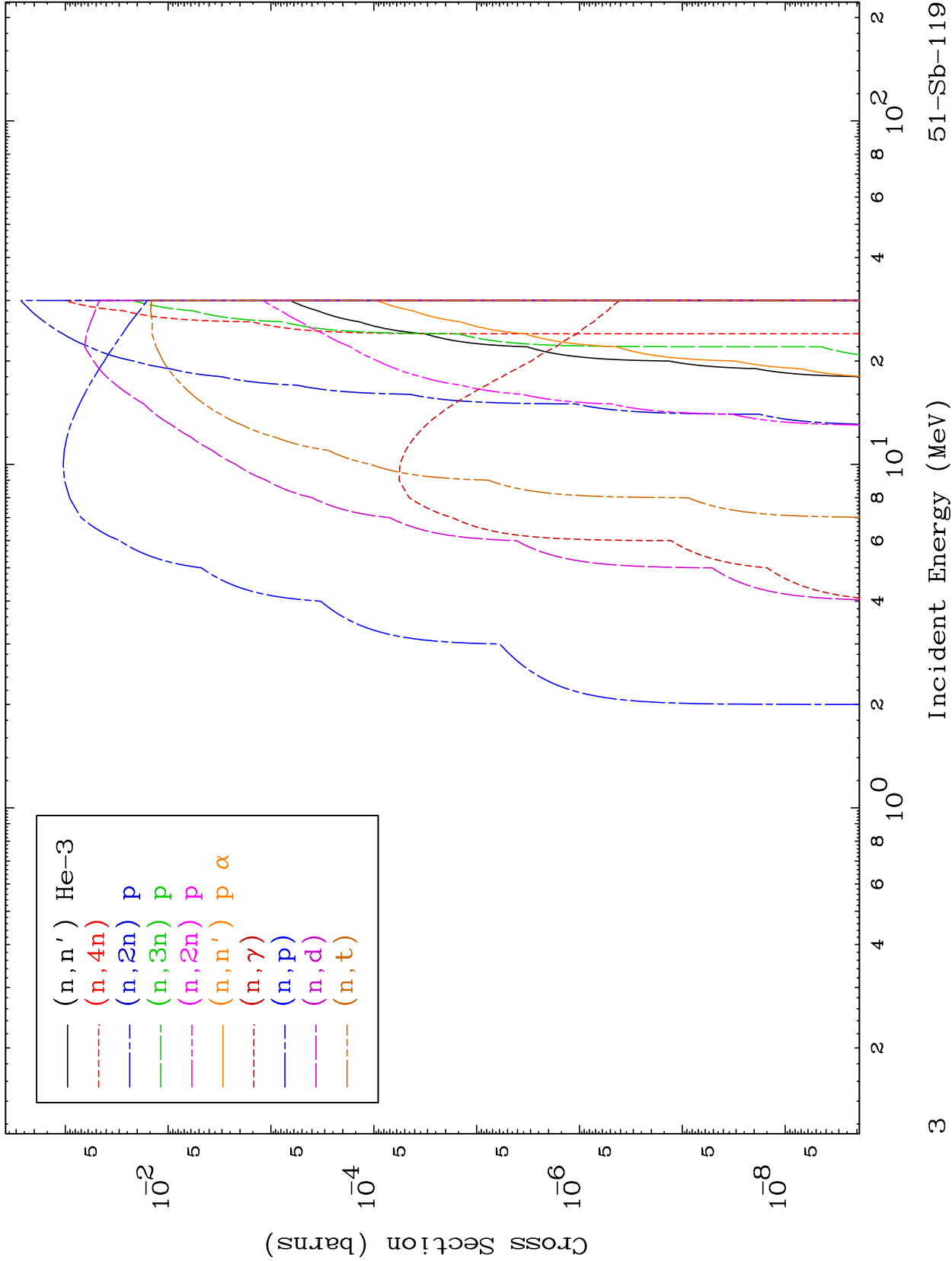
E.Mail:redcullen1@comcast.net

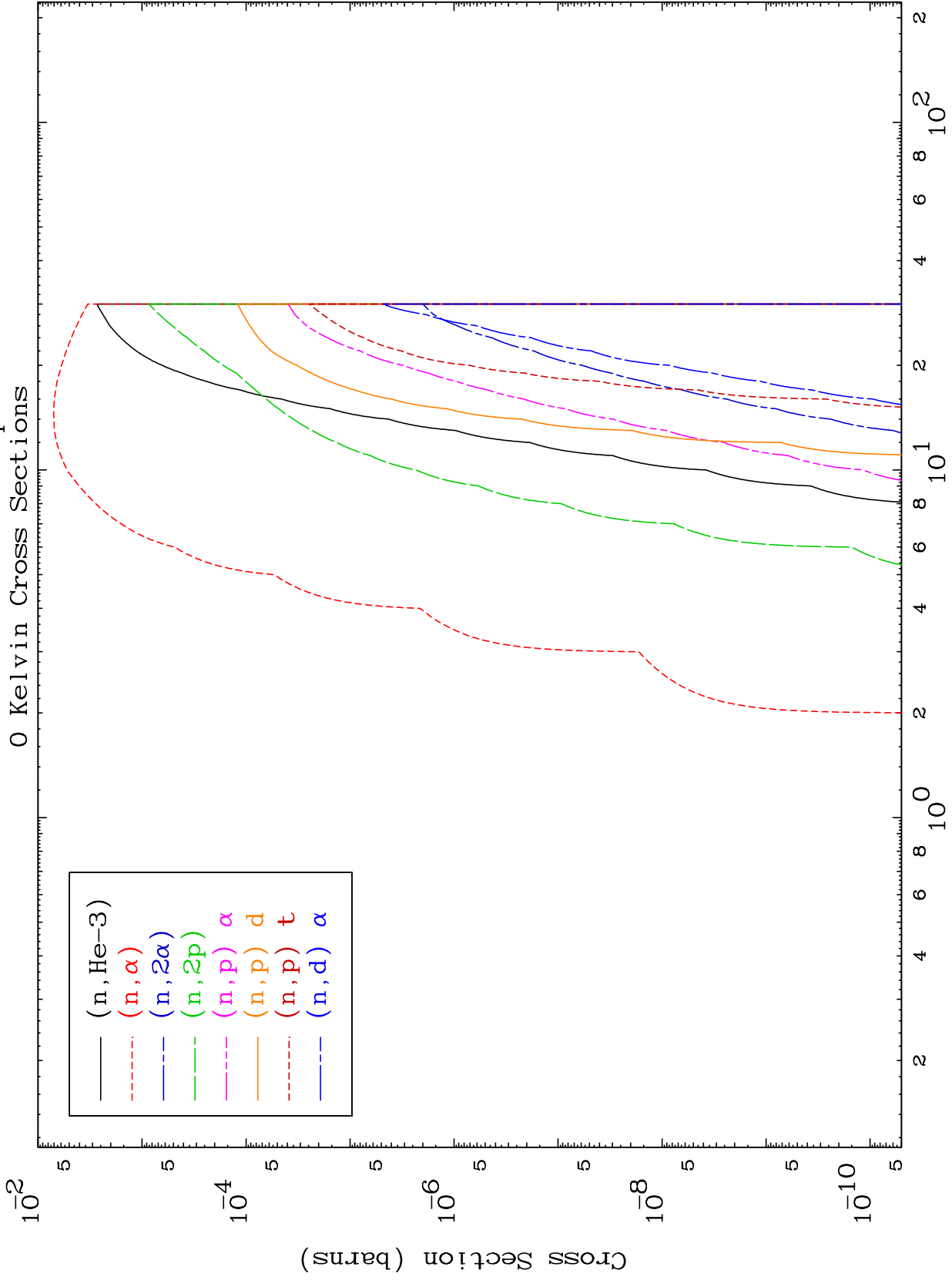
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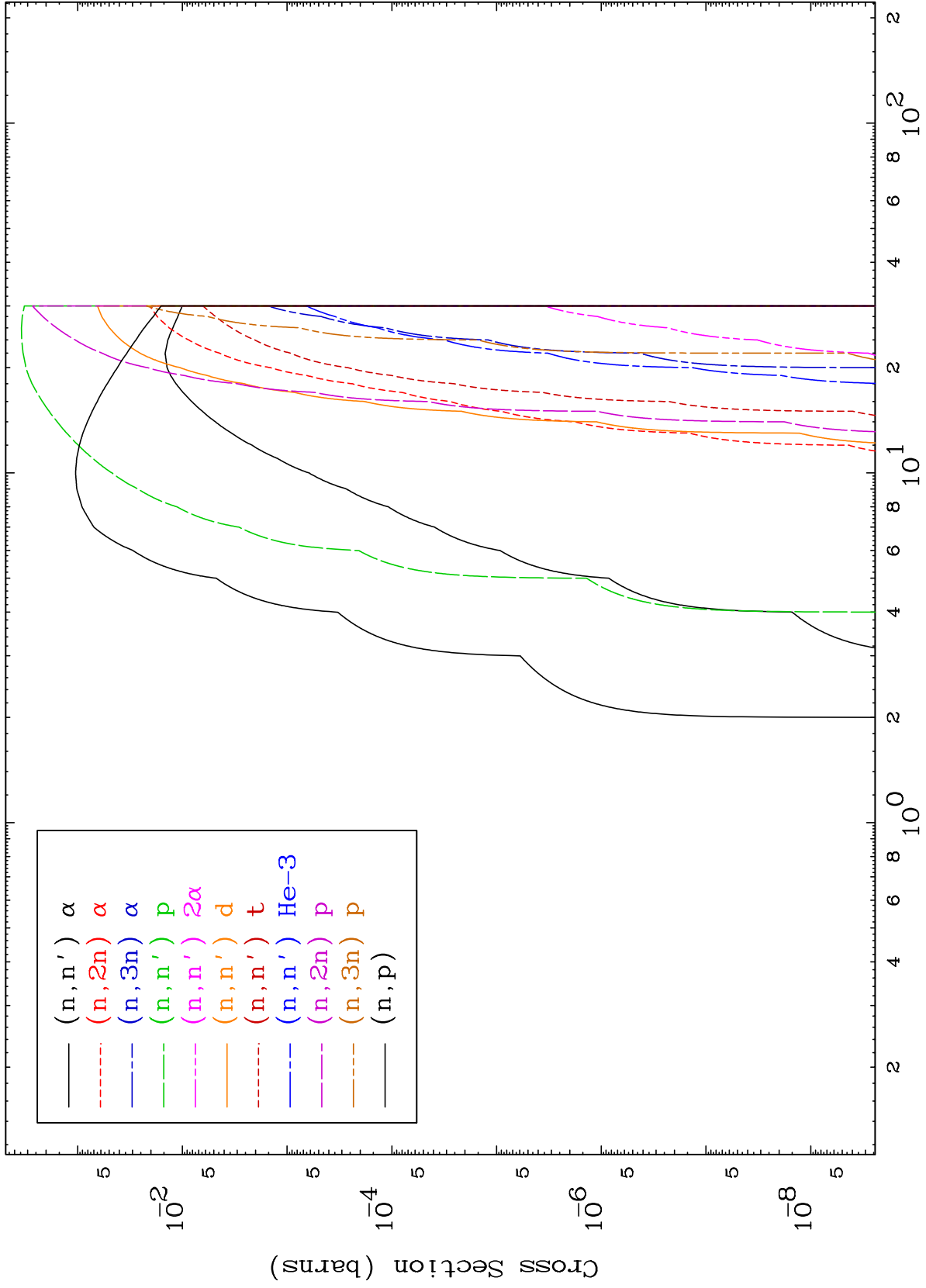
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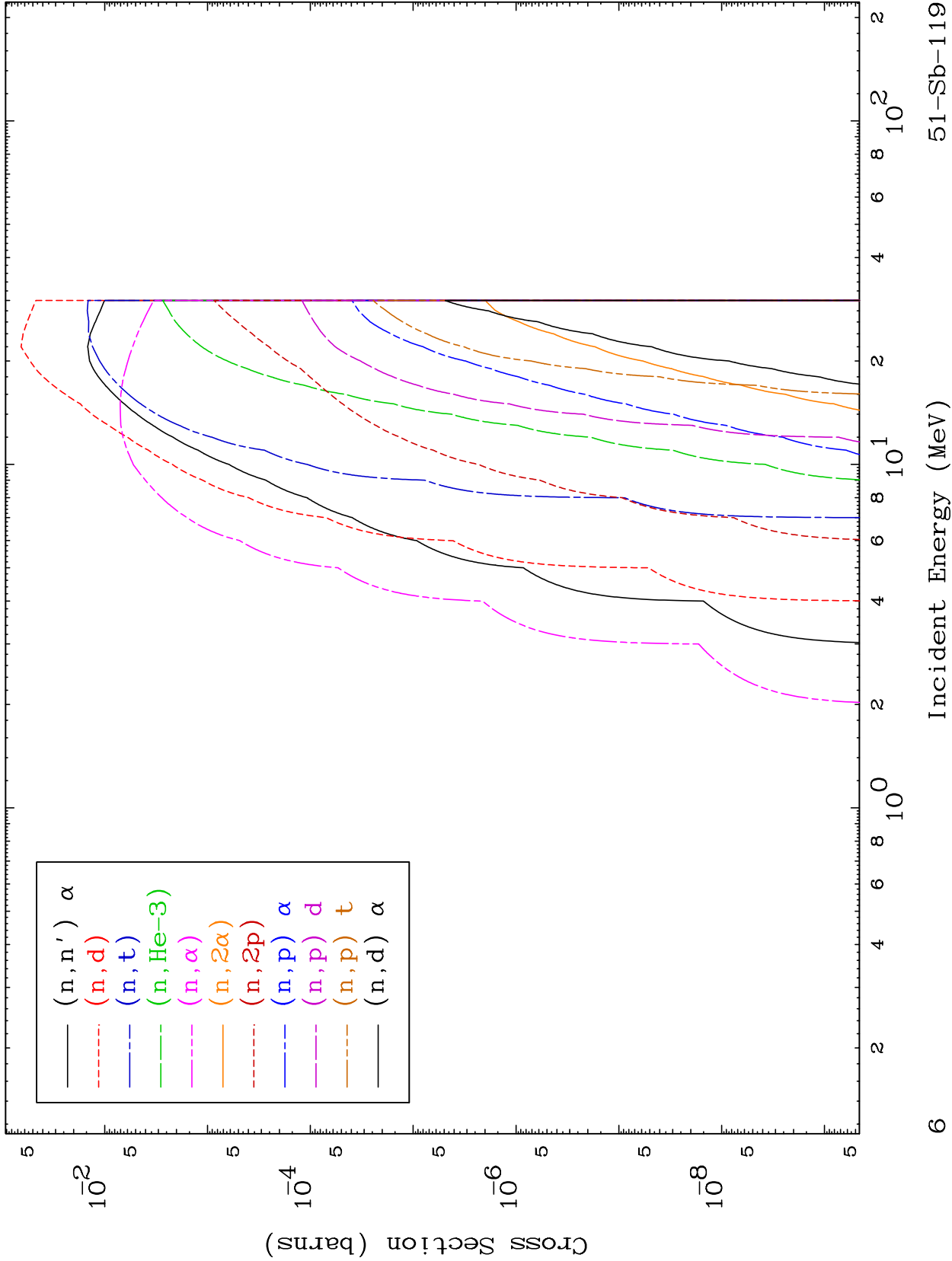










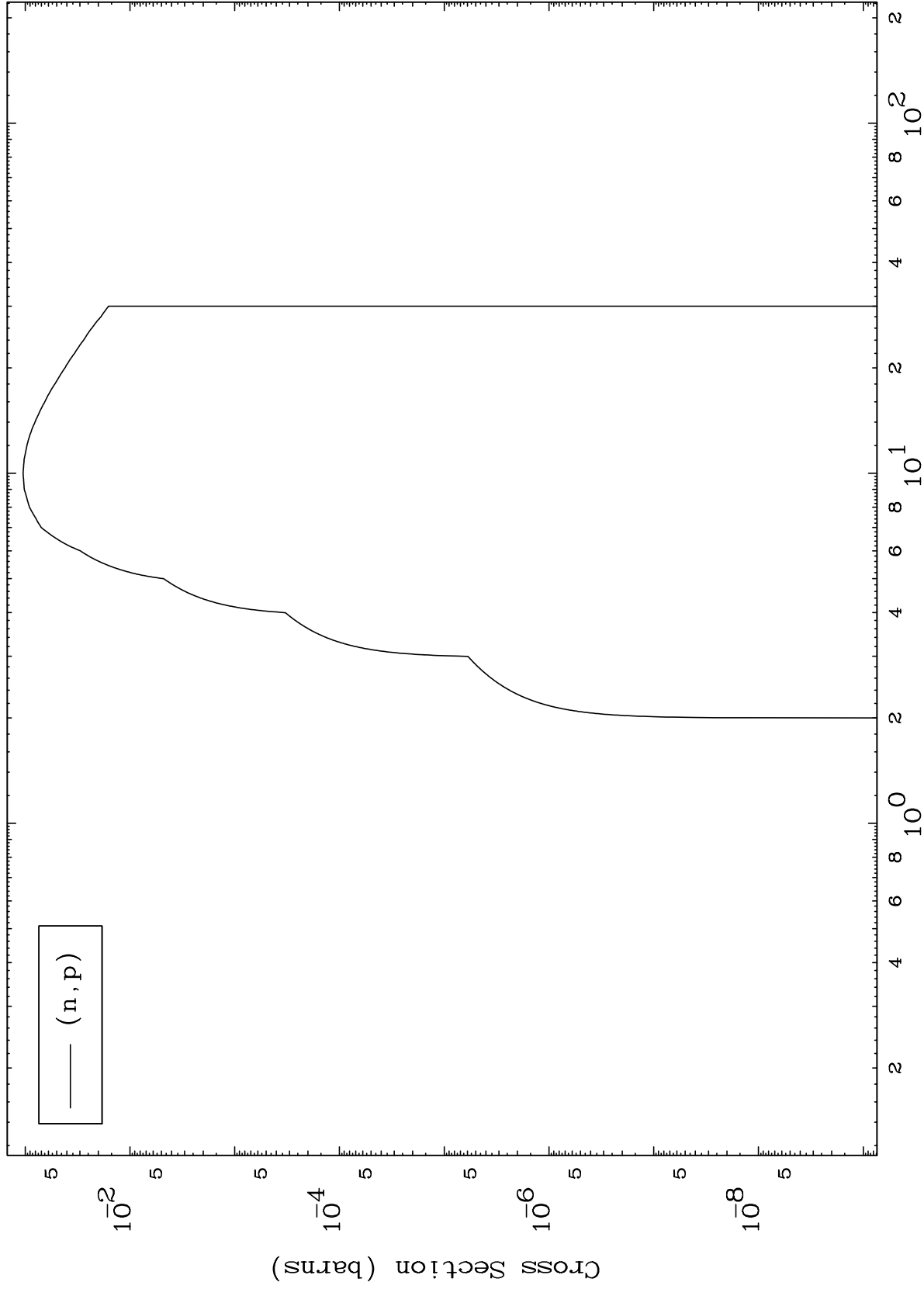


MAT 5119

(d,p) Levels

51-Sb-119

0 Kelvin Cross Sections



7

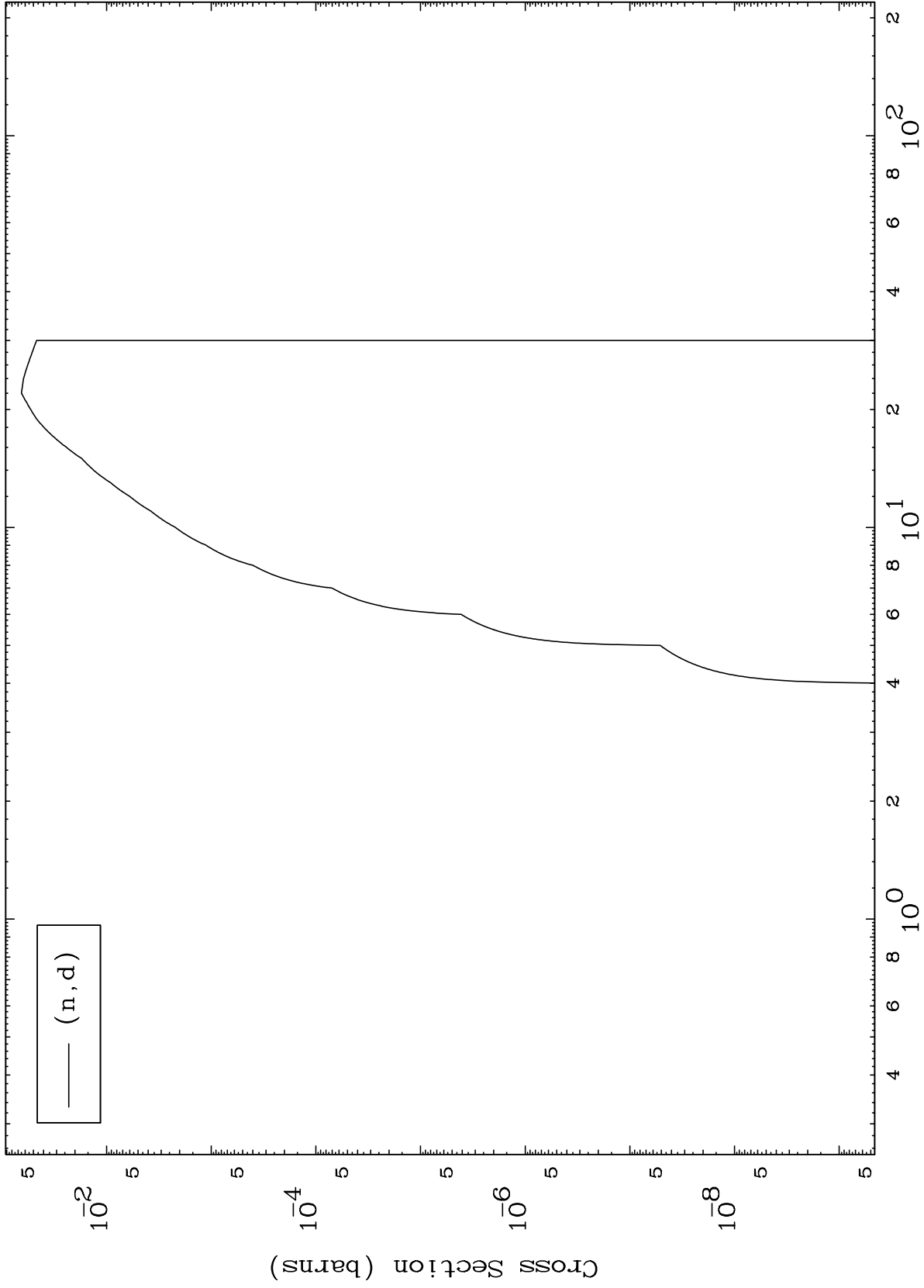
Incident Energy (MeV)

51-Sb-119

MAT 5119

51-Sb-119

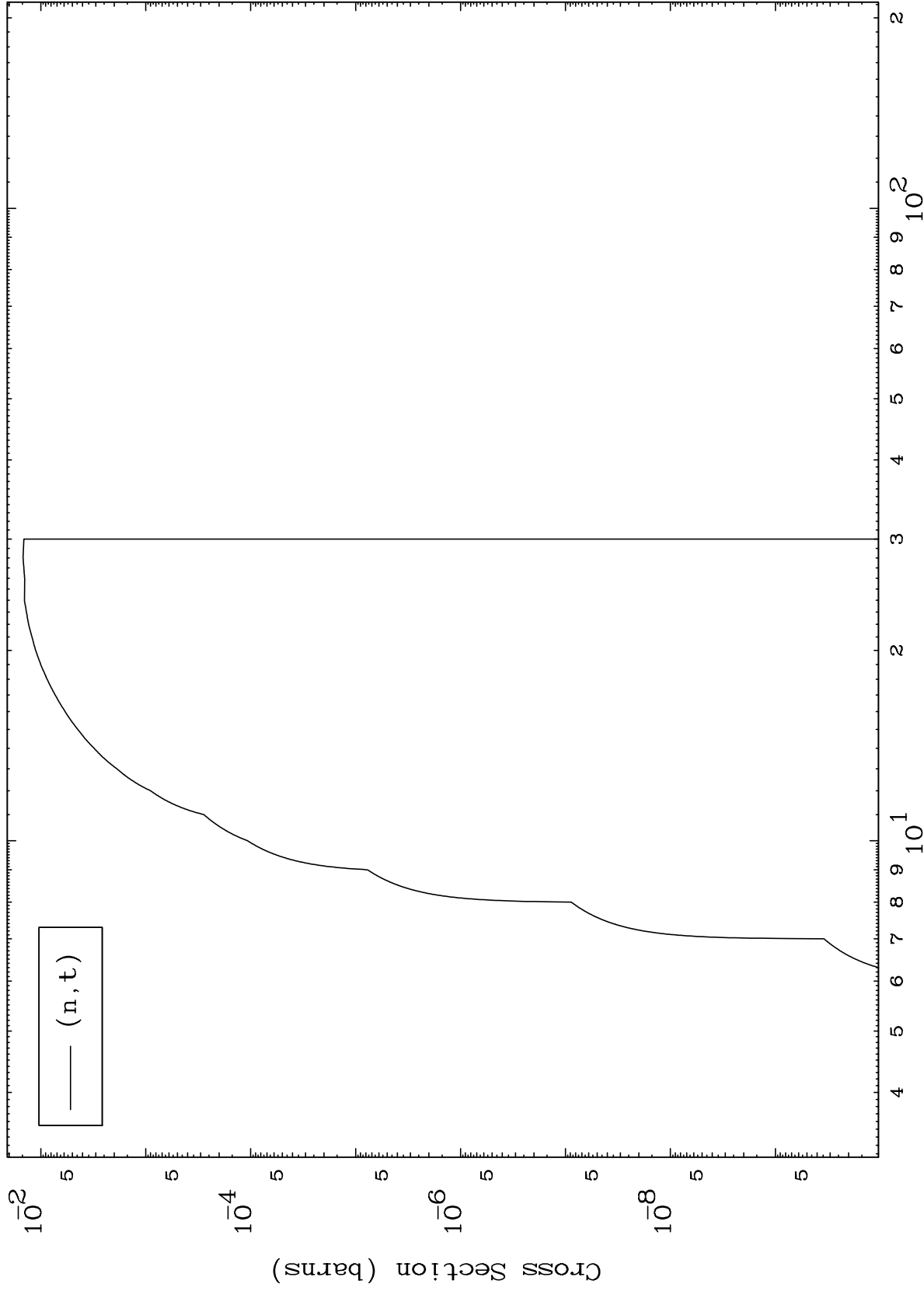
(d,d) Levels
0 Kelvin Cross Sections



MAT 5119

51-Sb-119

(d,t) Levels
0 Kelvin Cross Sections



9

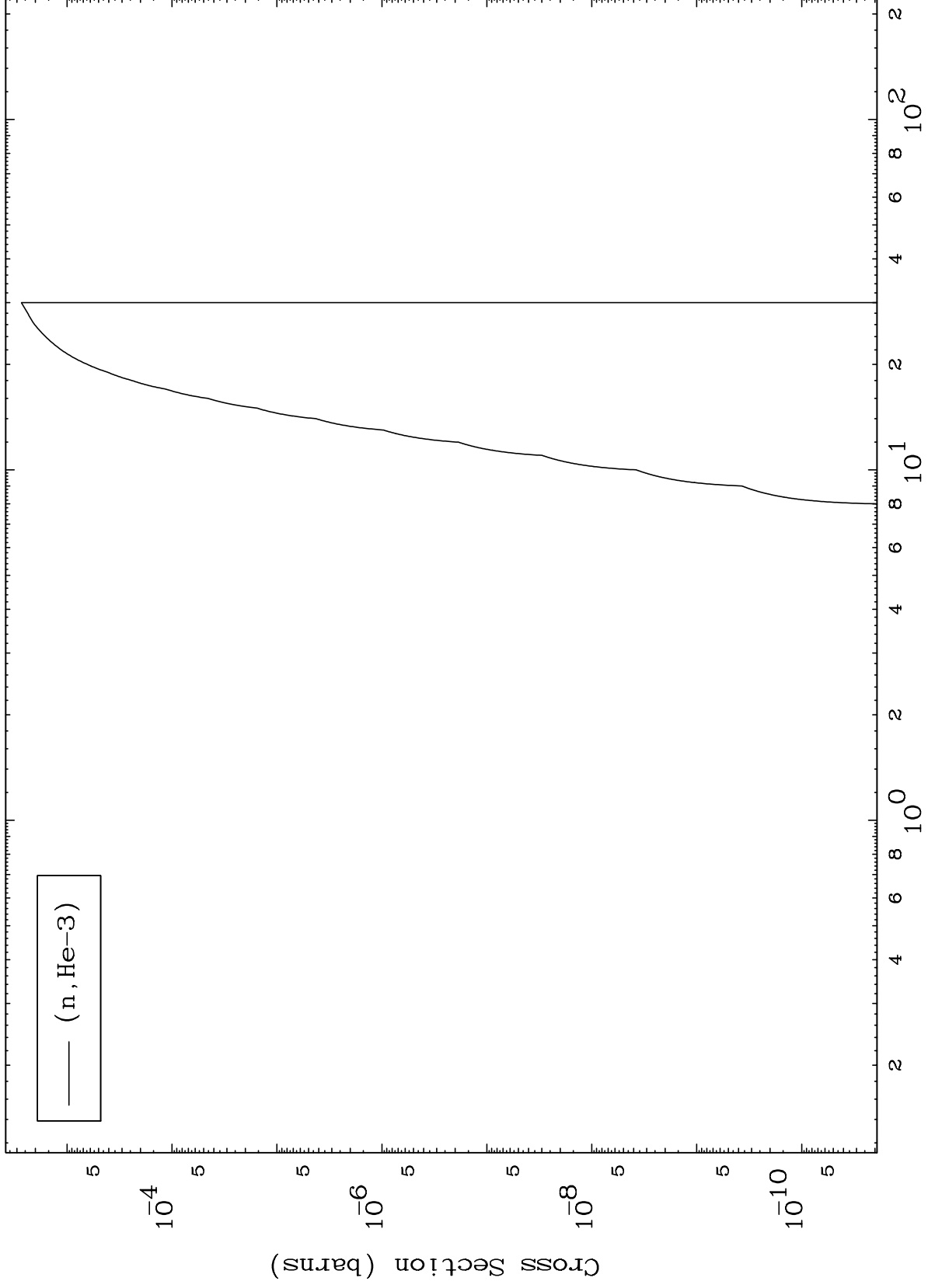
51-Sb-119

MAT 5119

(d,He3) Levels

51-Sb-119

0 Kelvin Cross Sections



10

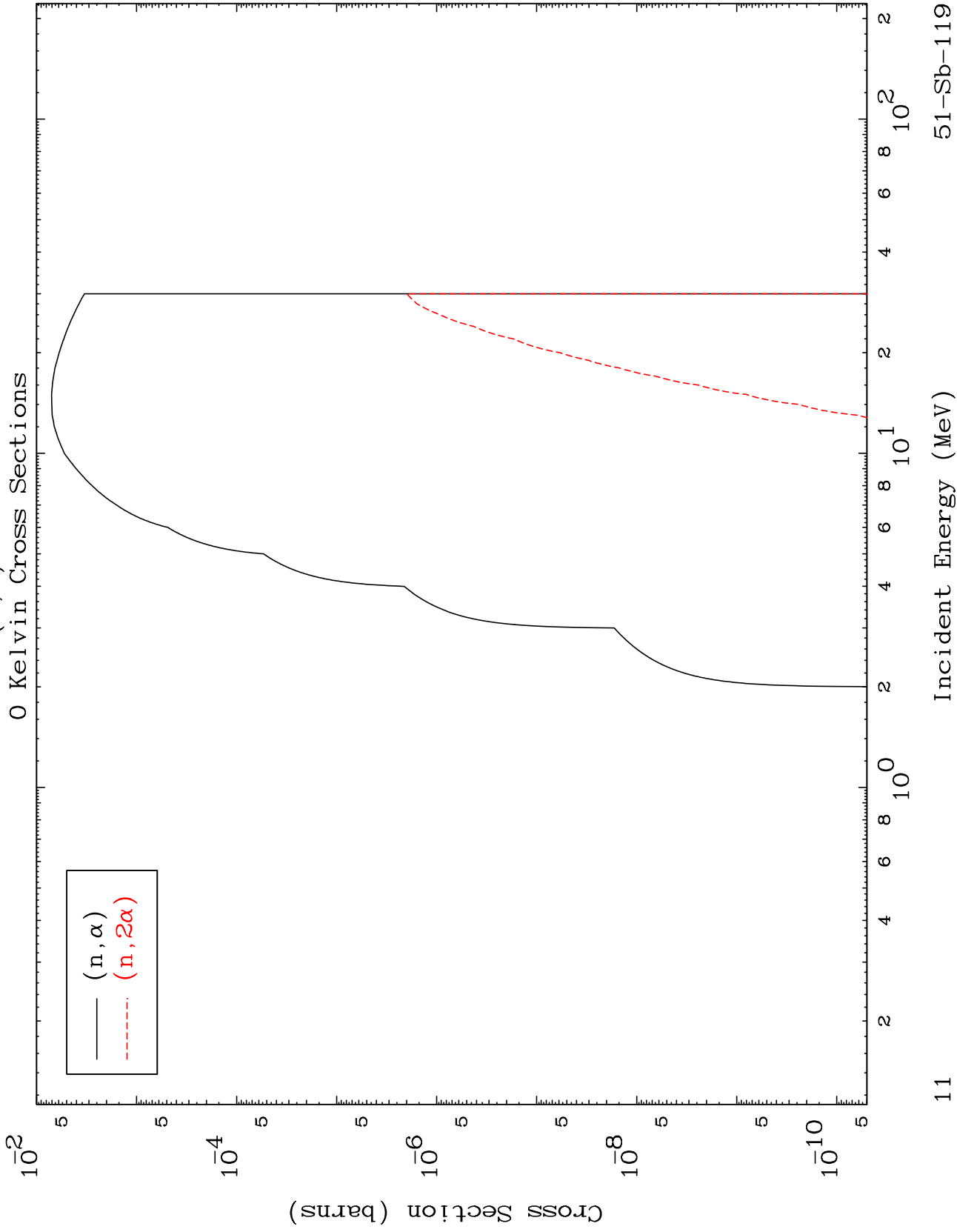
Incident Energy (MeV)

51-Sb-119

MAT 5119

(d, α) Levels

51-Sb-119

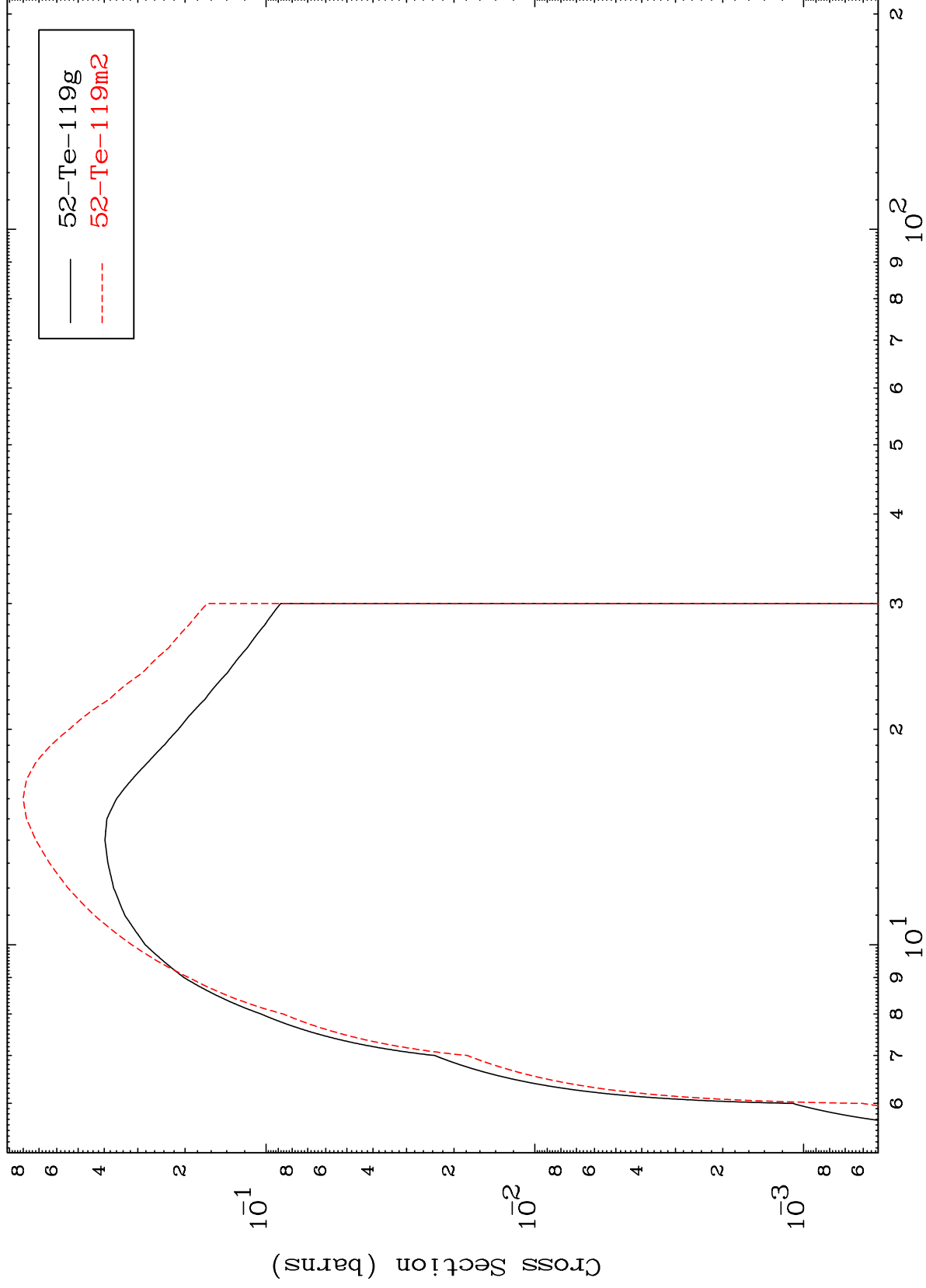


MAT 5119

(n,2n)

51-Sb-119

Radionuclide Production Cross Section



12

Incident Energy (MeV)

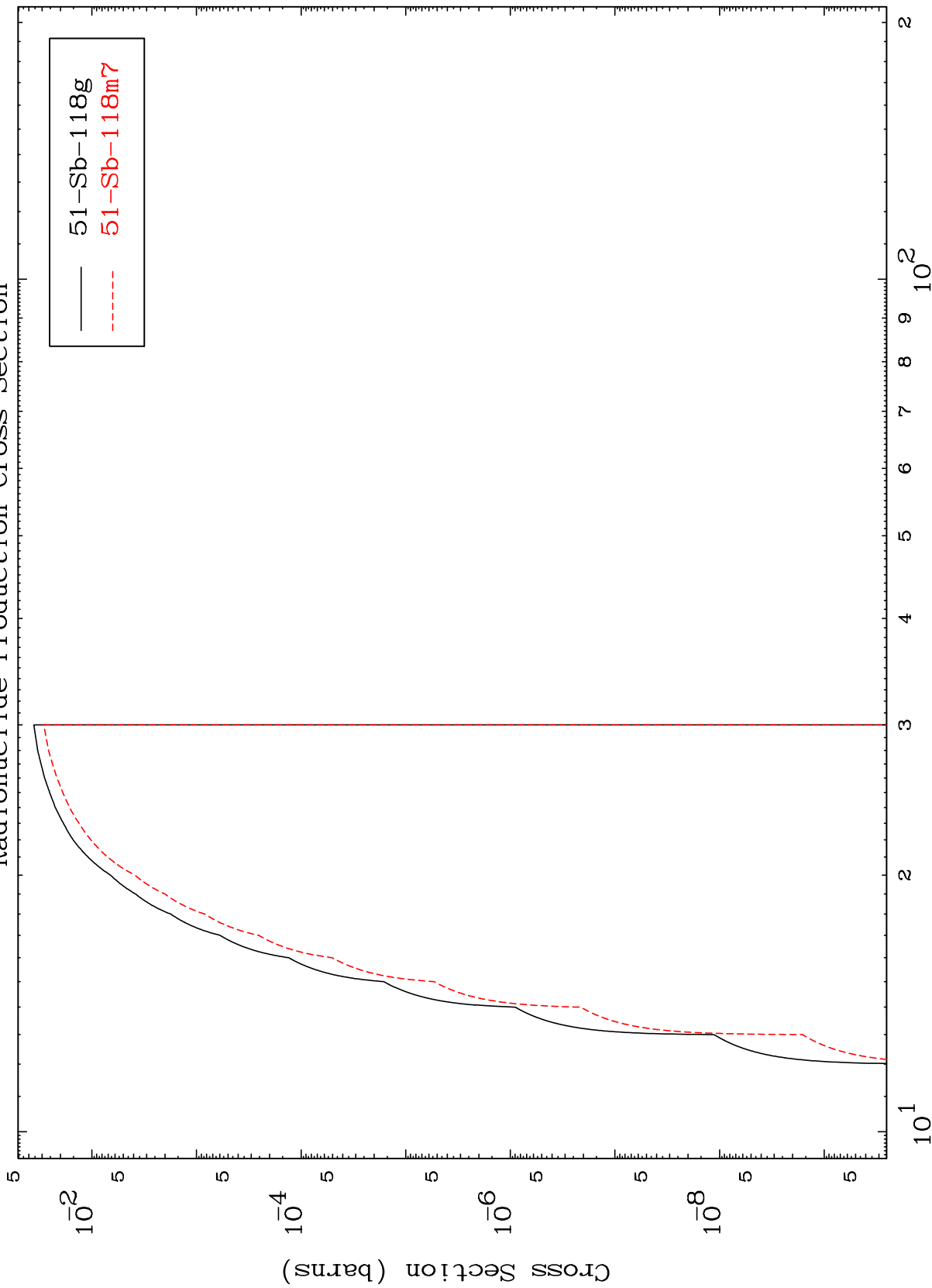
51-Sb-119

MAT 5119

(n,n') d

51-Sb-119

Radionuclide Production Cross Section



Incident Energy (MeV)

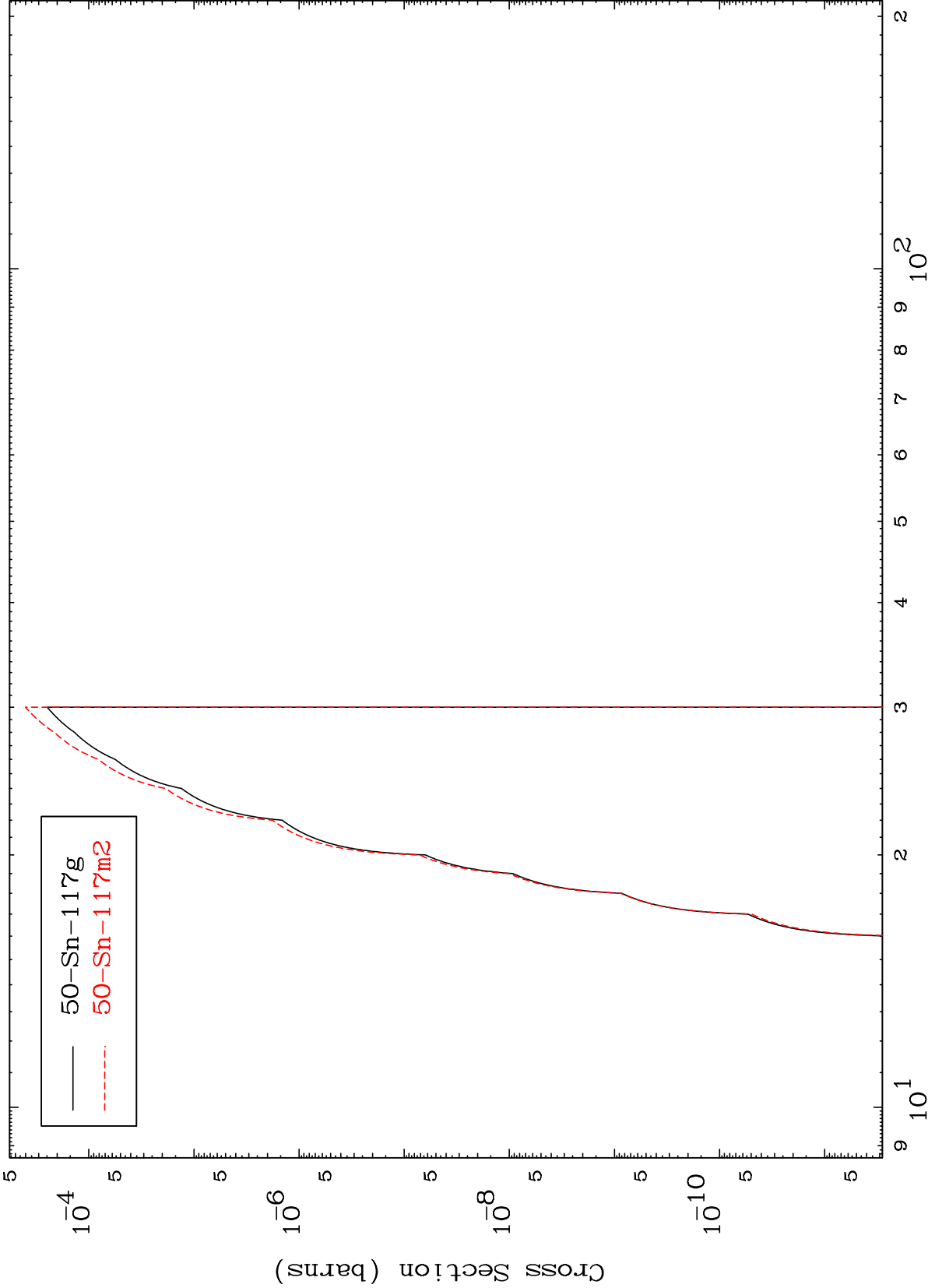
51-Sb-119

MAT 5119

(n,n') He-3

51-Sb-119

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-119

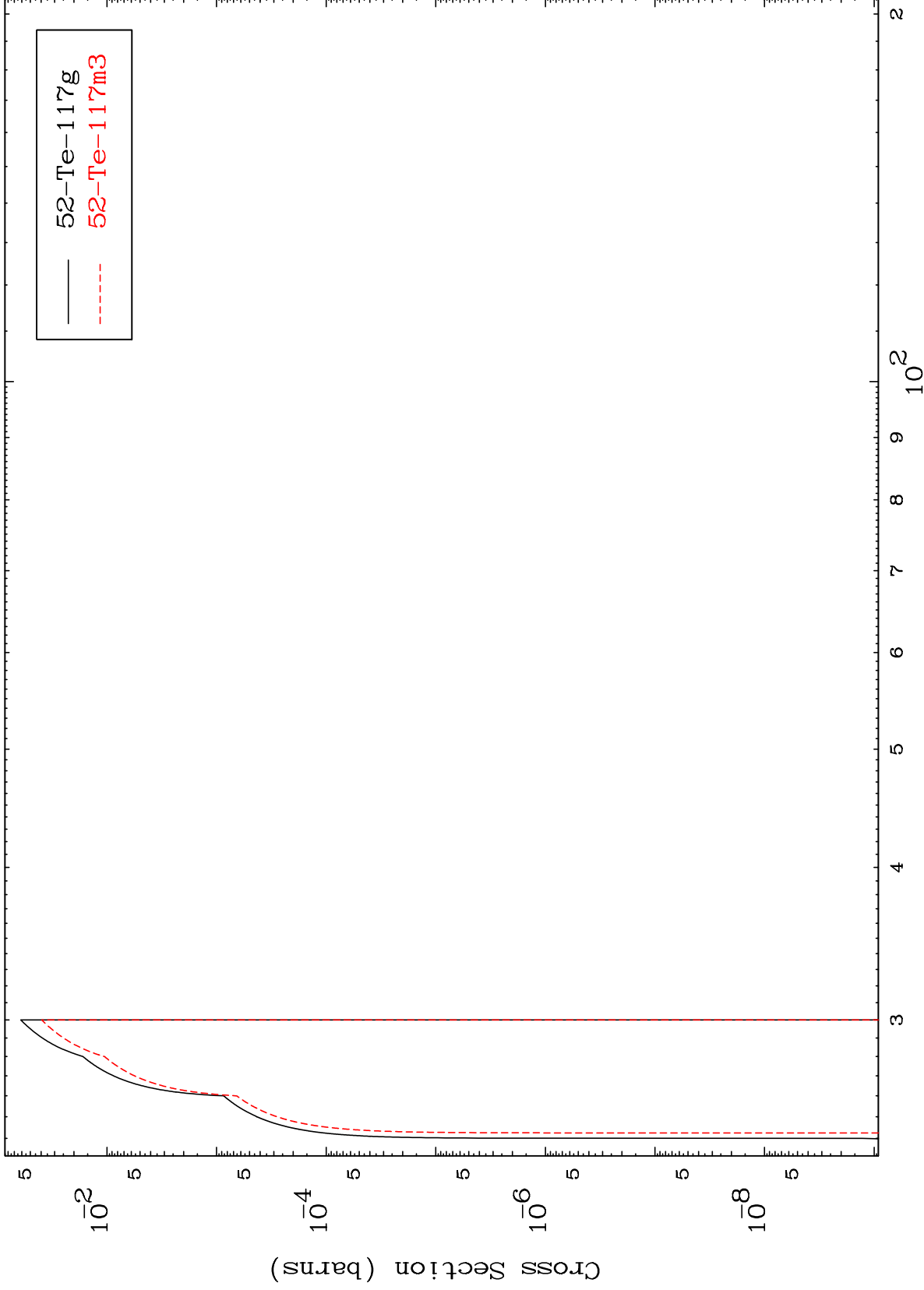
14

MAT 5119

(n,4n)

51-Sb-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

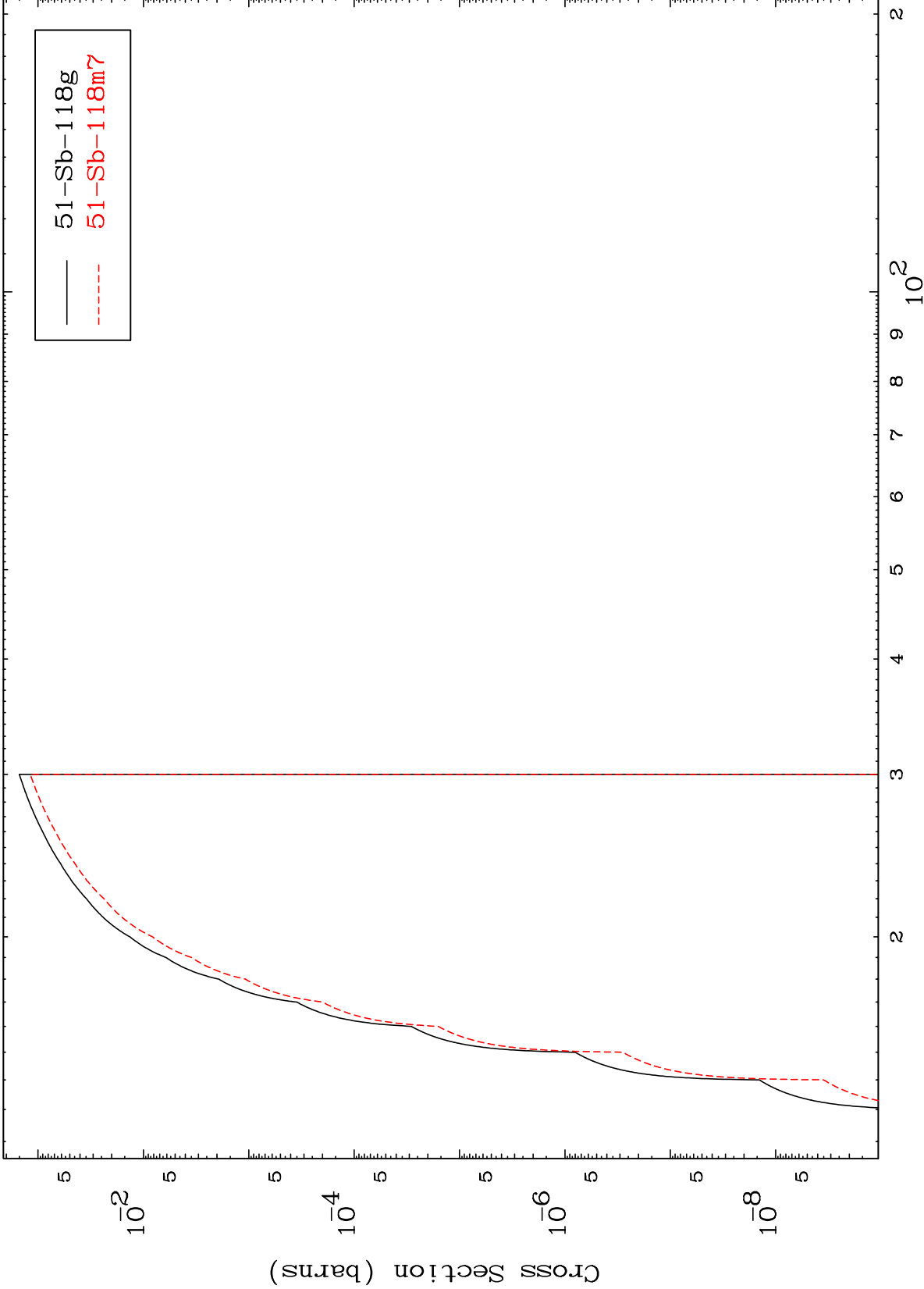
51-Sb-119

MAT 5119

(n,2n) p

51-Sb-119

Radionuclide Production Cross Section



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

16

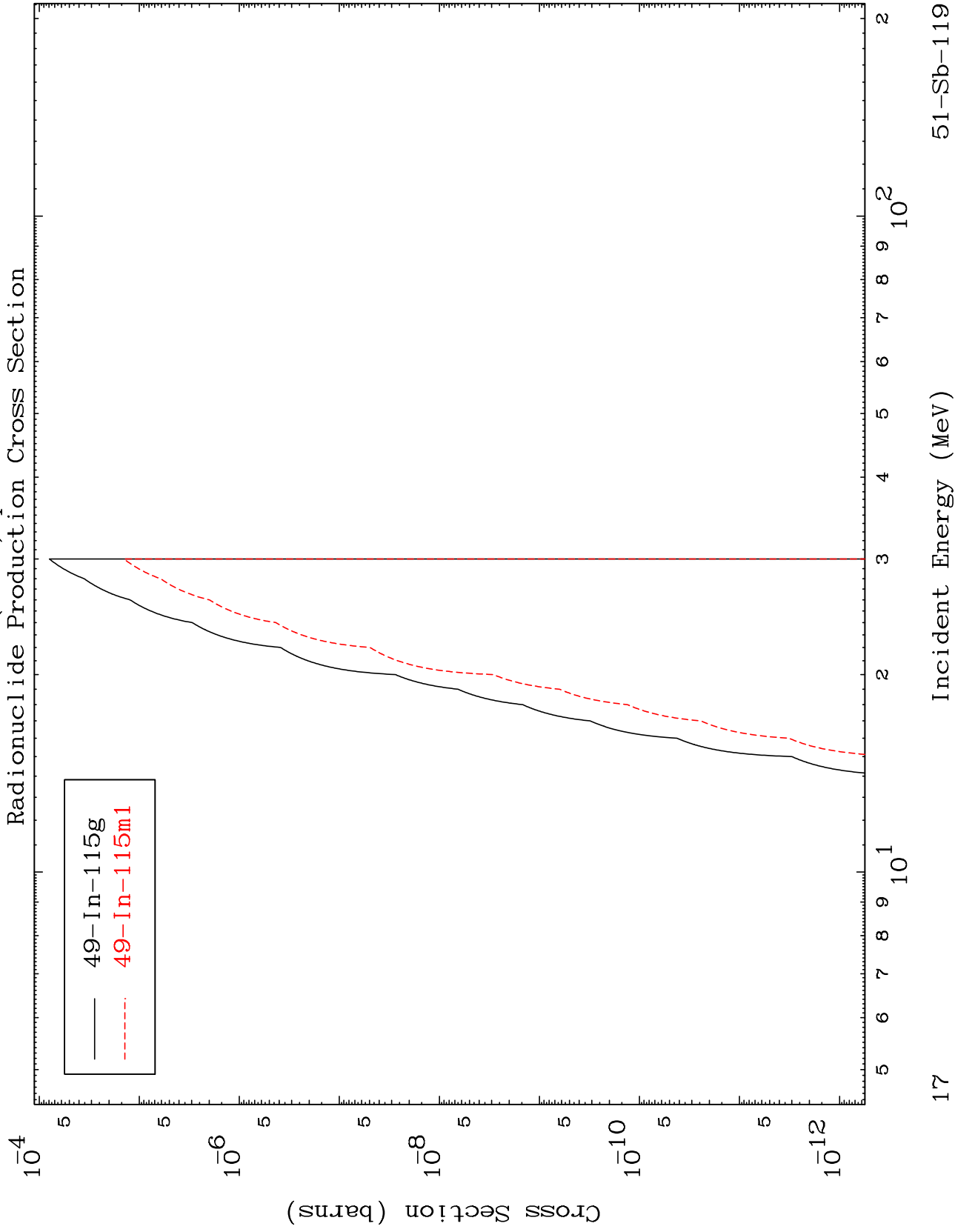
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,n') p α

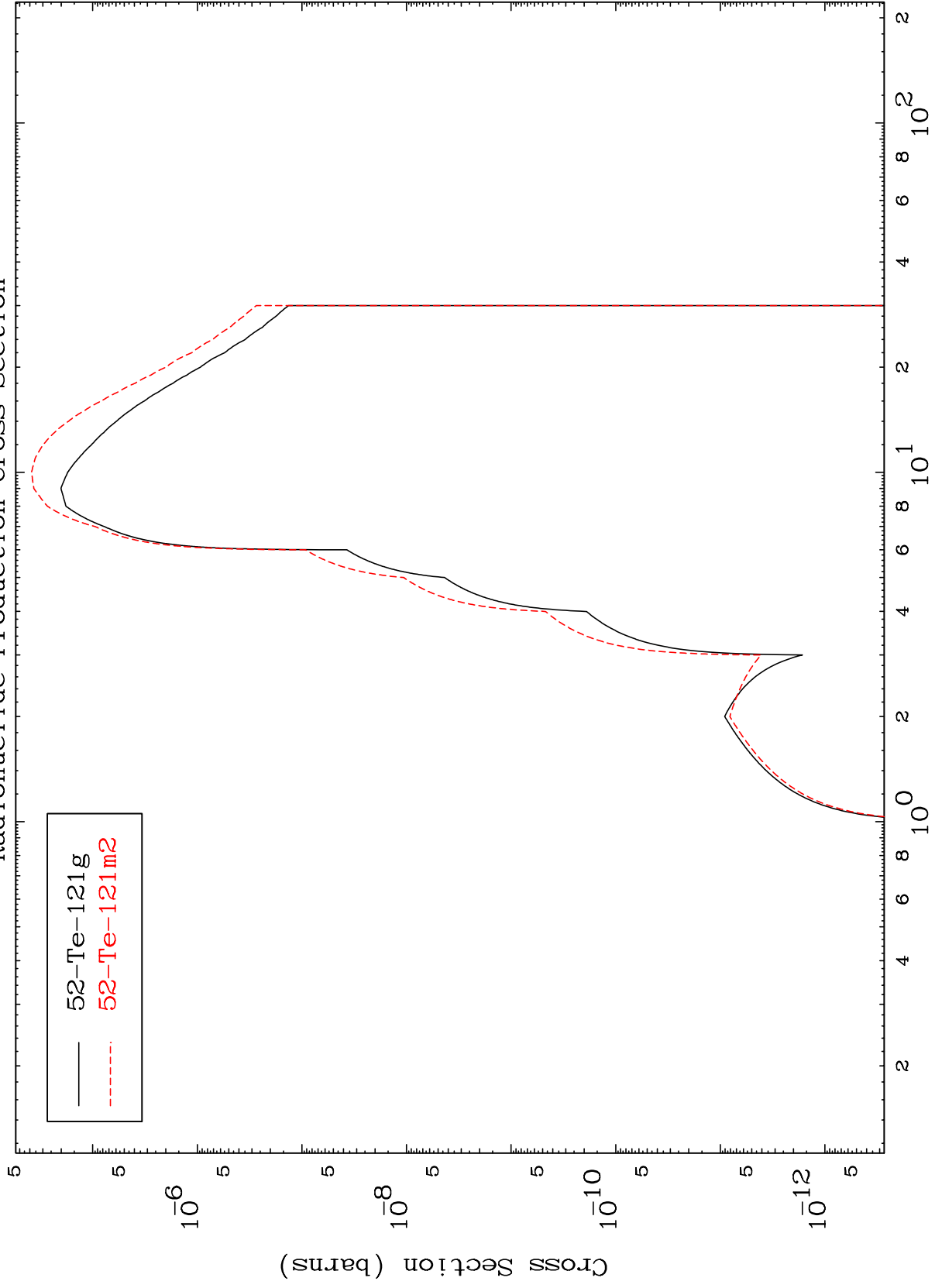
51-Sb-119



MAT 5119

51-Sb-119

(n,γ)
Radionuclide Production Cross Section



18

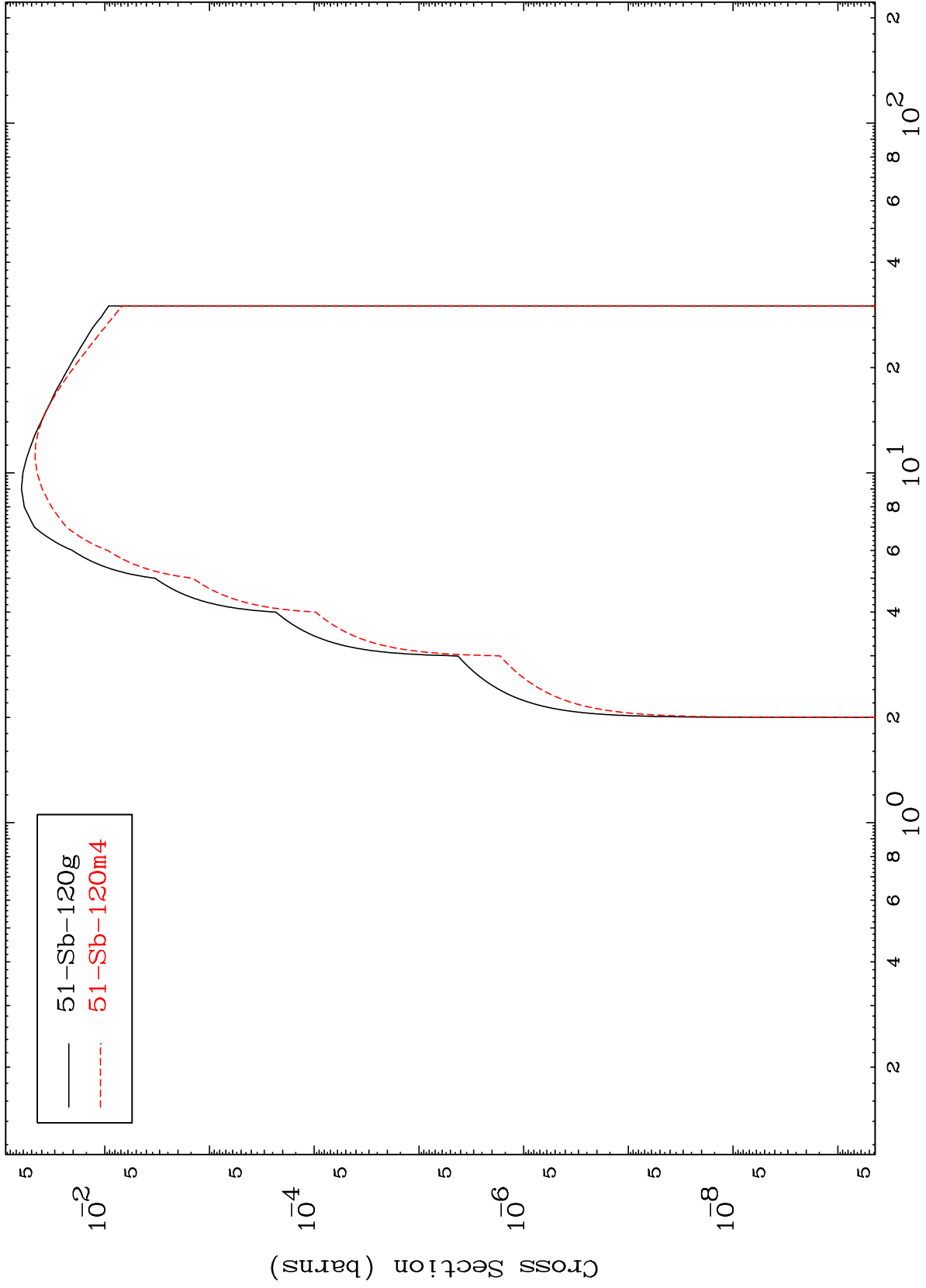
Incident Energy (MeV)

51-Sb-119

MAT 5119

51-Sb-119

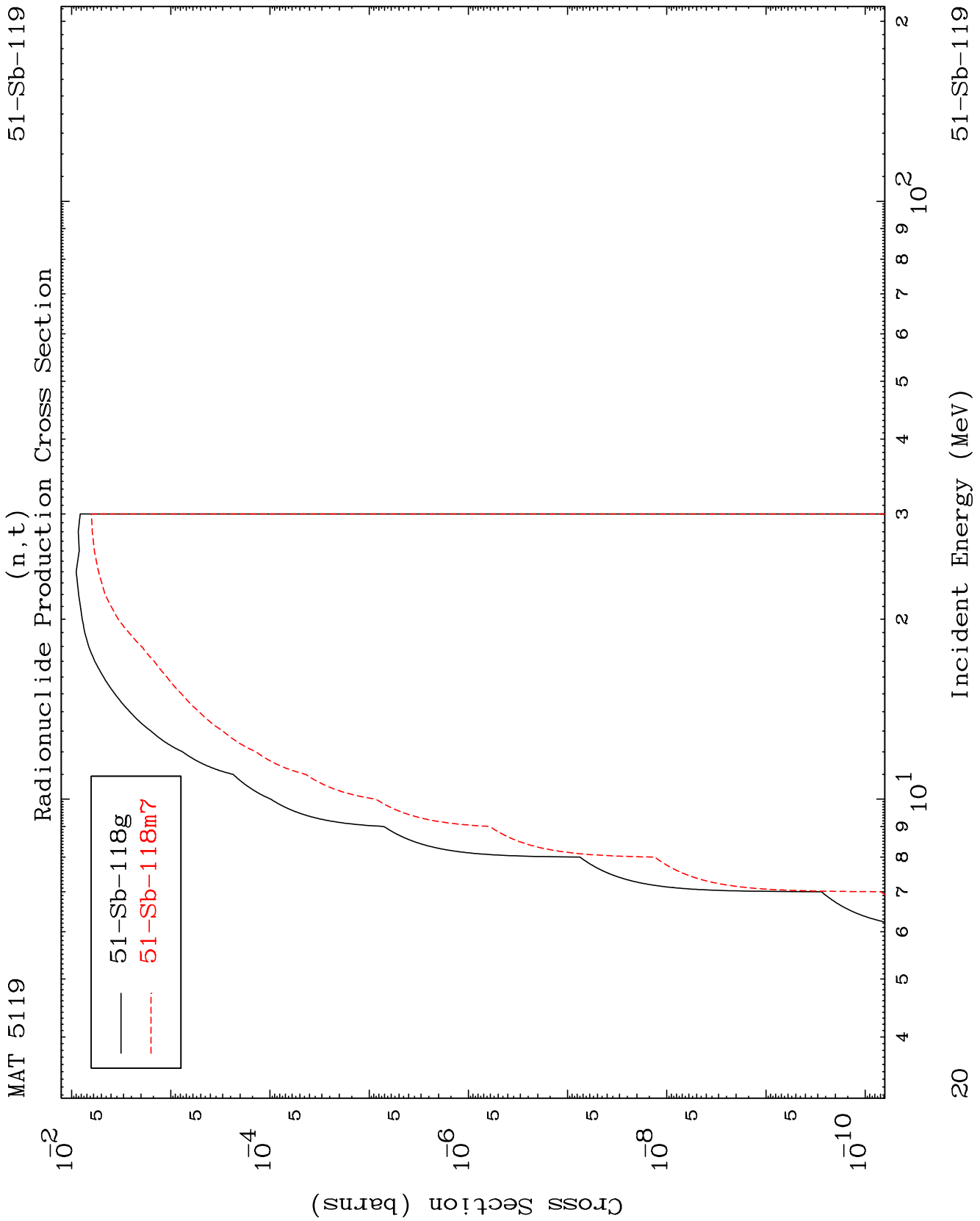
(n,p)
Radionuclide Production Cross Section



19

51-Sb-119

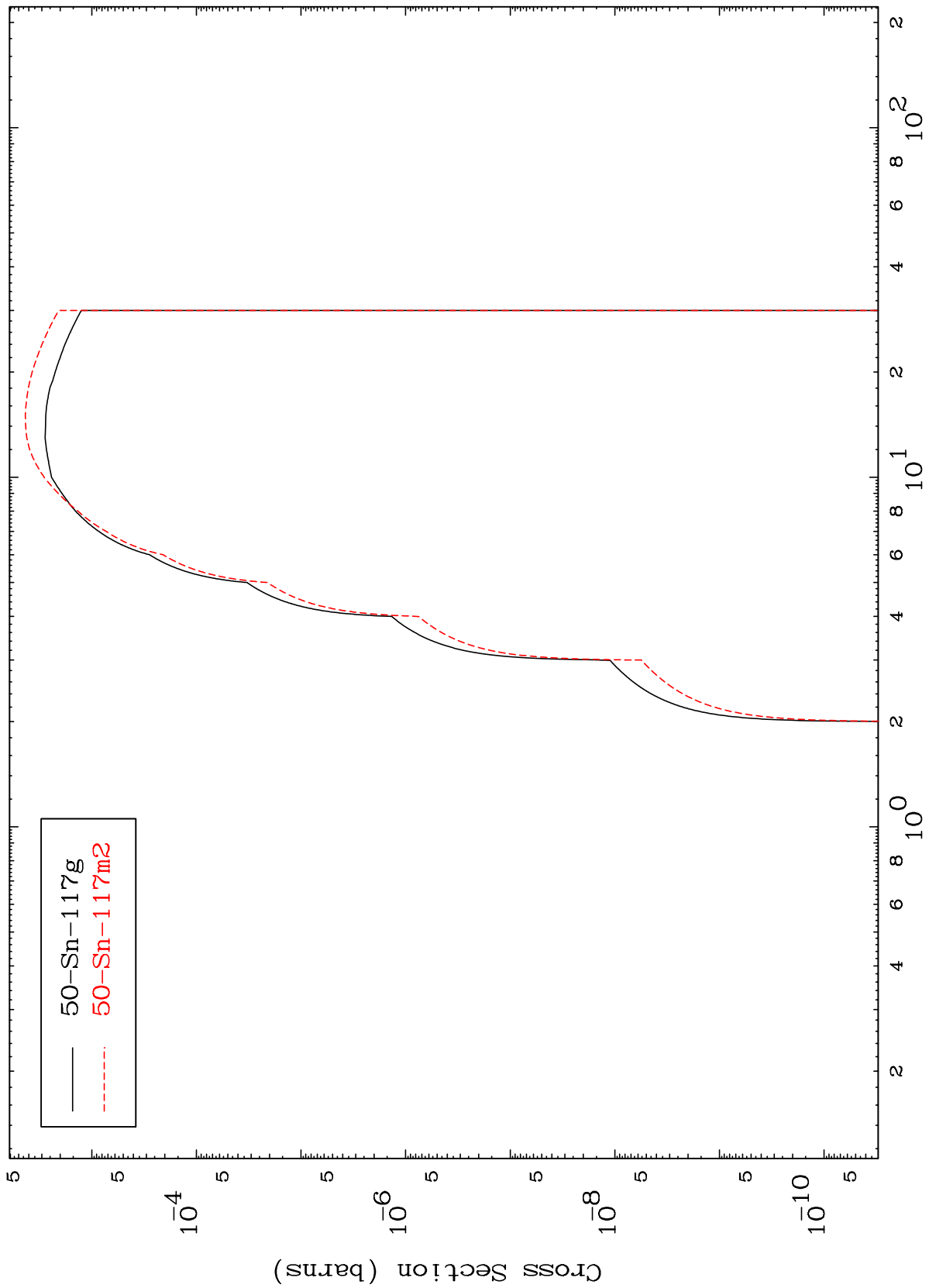
Incident Energy (MeV)



MAT 5119

51-Sb-119

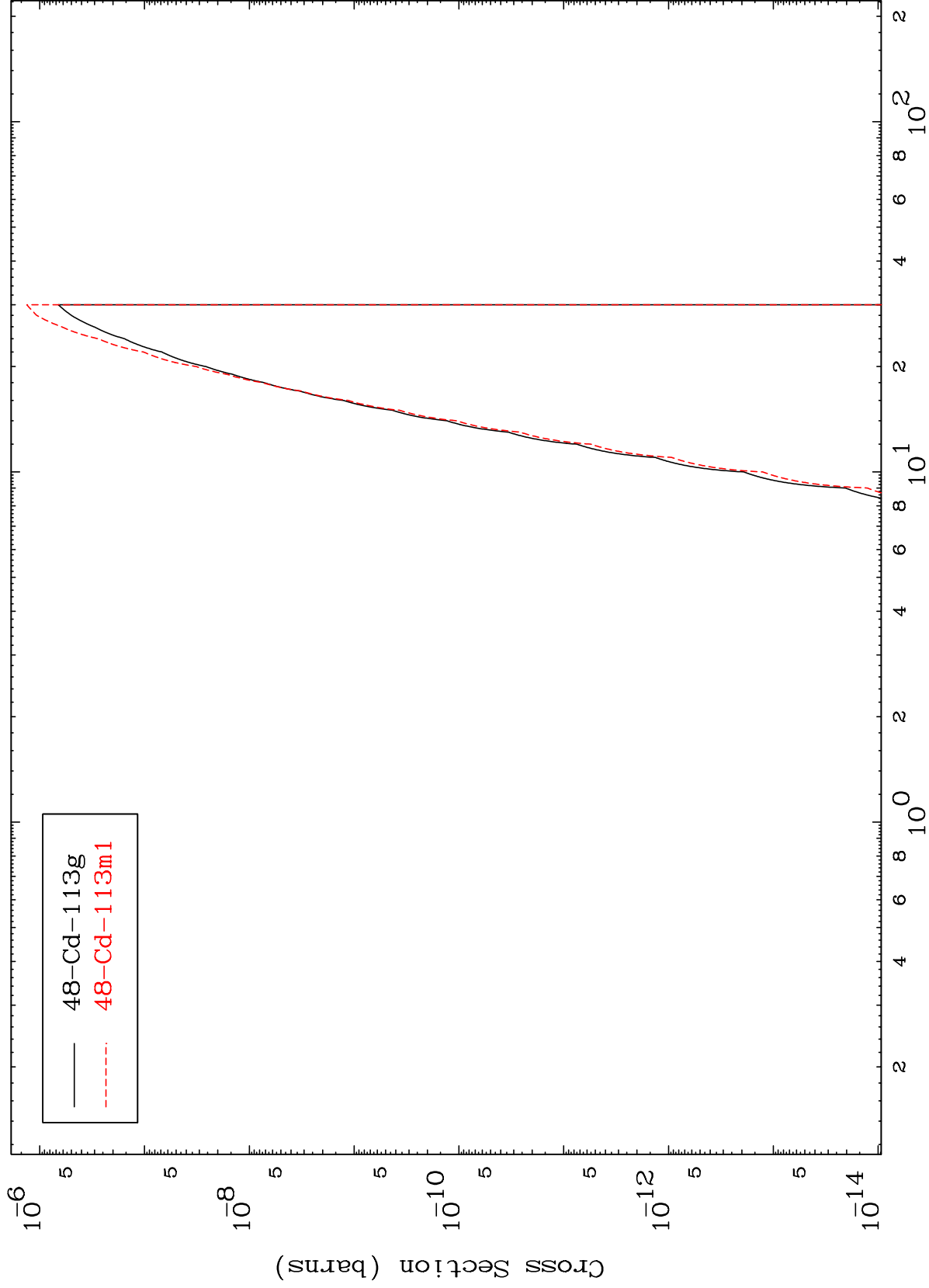
(n, α)
Radionuclide Production Cross Section



MAT 5119

51-Sb-119

Radionuclide Production Cross Section
(n,2α)



22

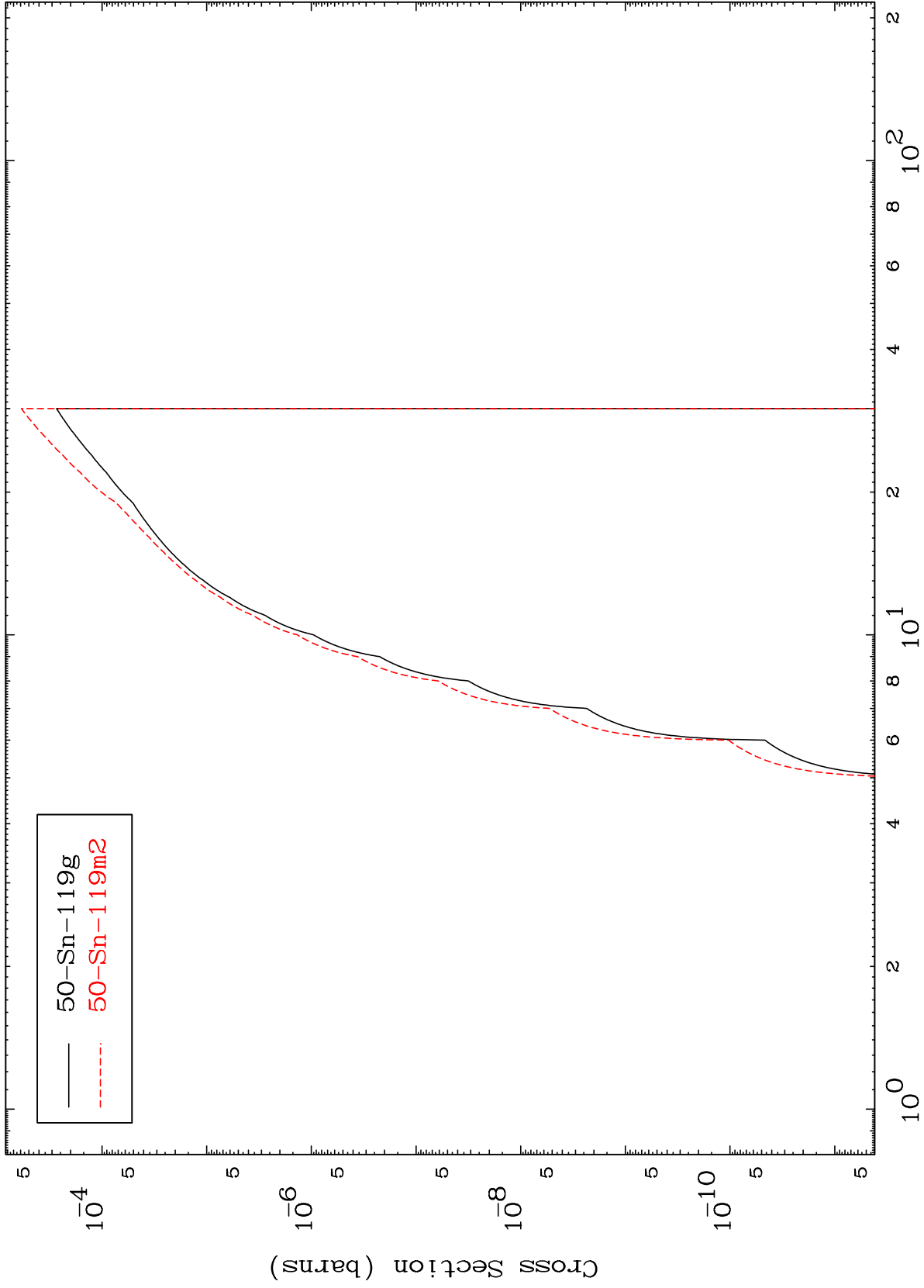
51-Sb-119

Incident Energy (MeV)

MAT 5119

51-Sb-119

(n,2p)
Radionuclide Production Cross Section



51-Sb-119

Incident Energy (MeV)

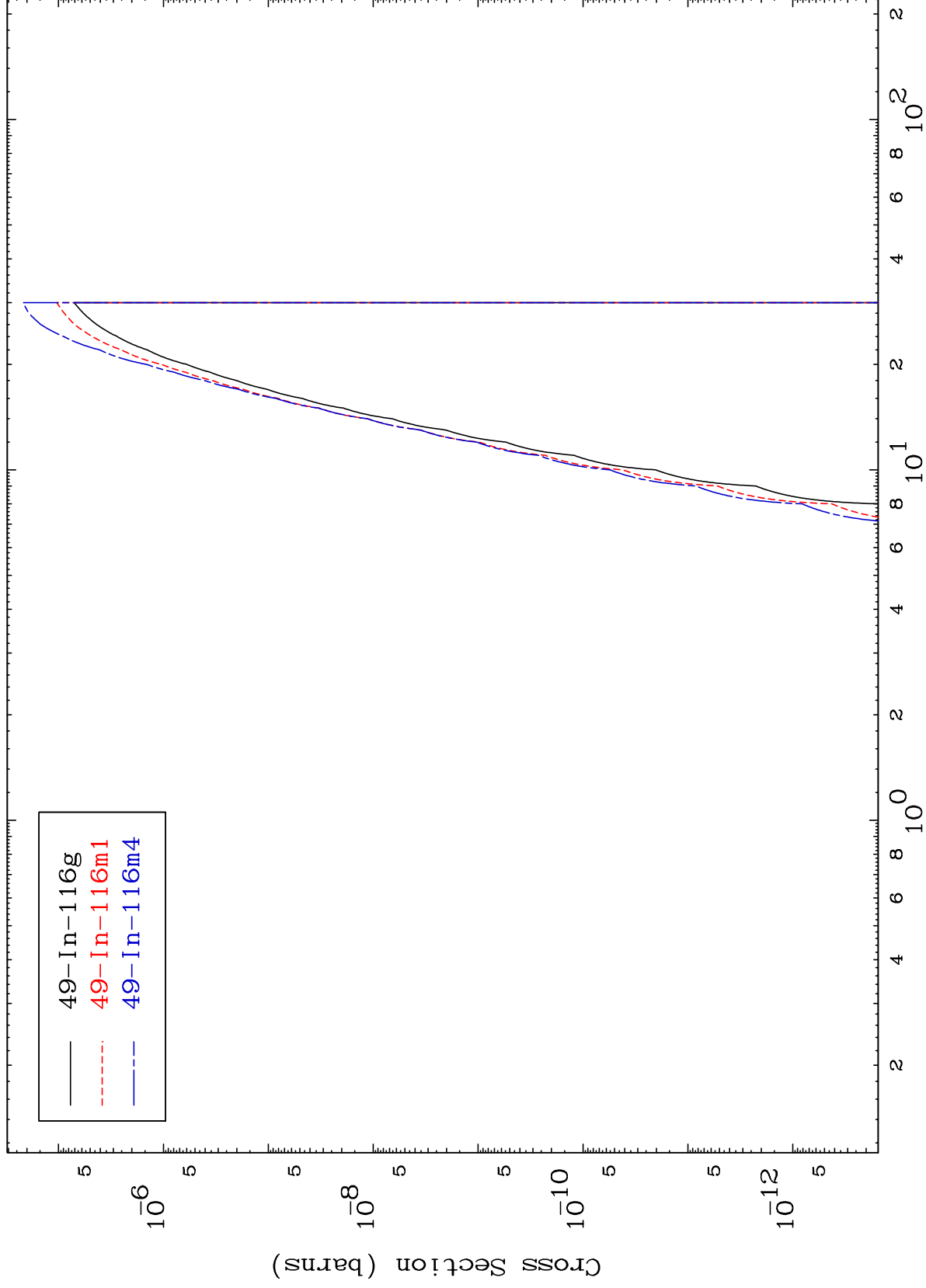
23

MAT 5119

(n,p) α

51-Sb-119

Radionuclide Production Cross Section

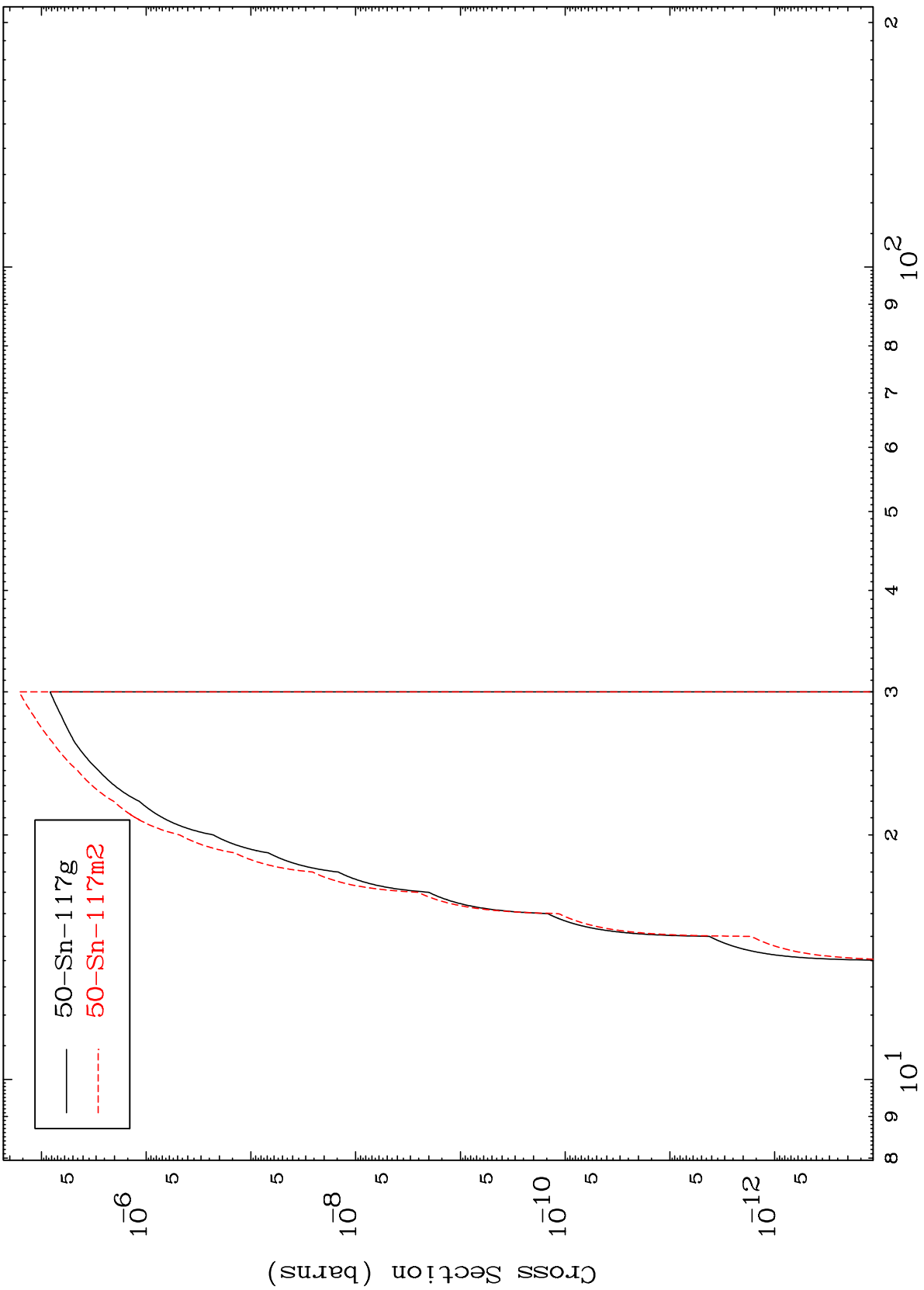


MAT 5119

(n,p) t

51-Sb-119

Radionuclide Production Cross Section



25

Incident Energy (MeV)

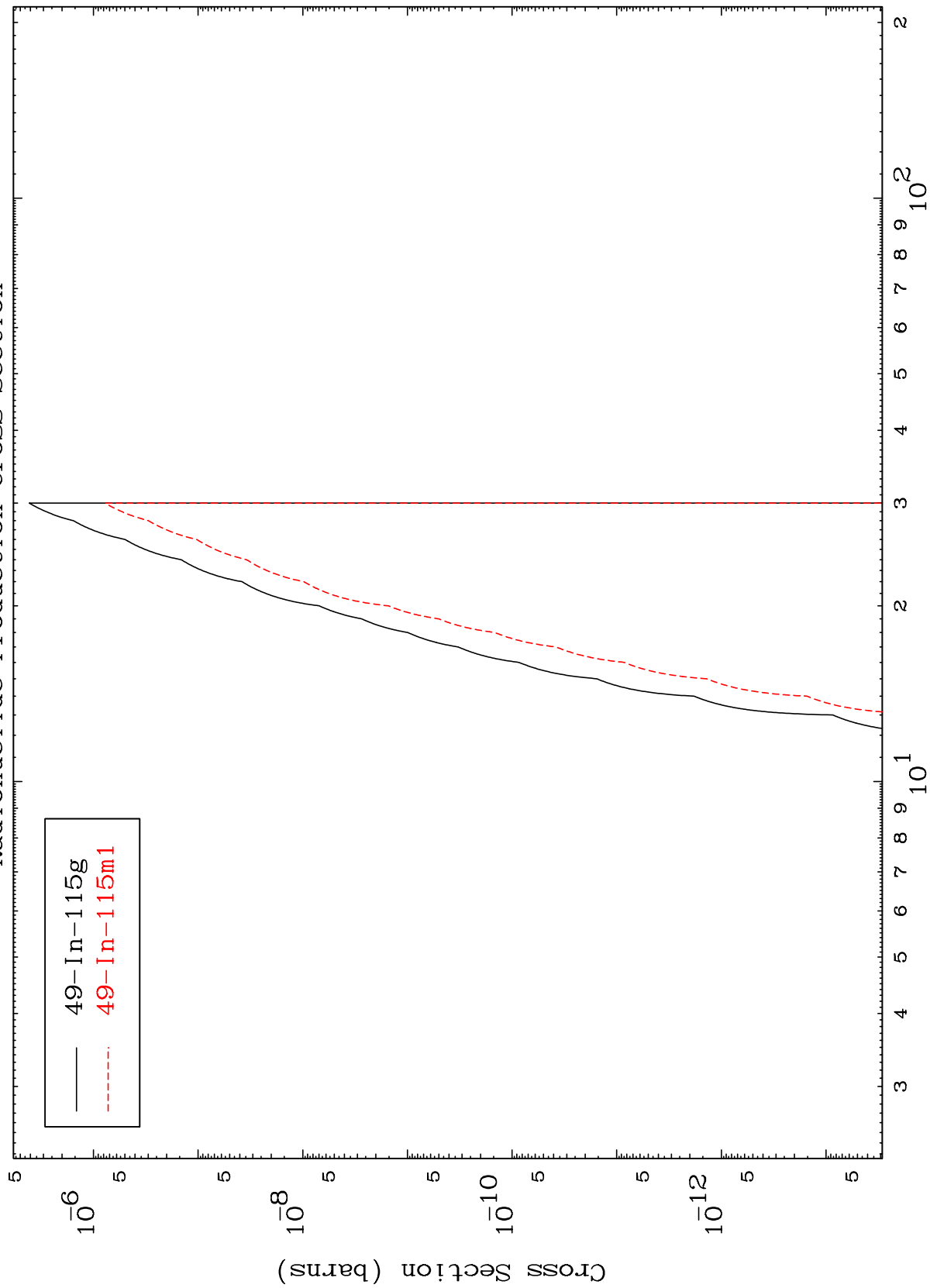
51-Sb-119

MAT 5119

(n,d) α

51-Sb-119

Radionuclide Production Cross Section



26

Incident Energy (MeV)

51-Sb-119