

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

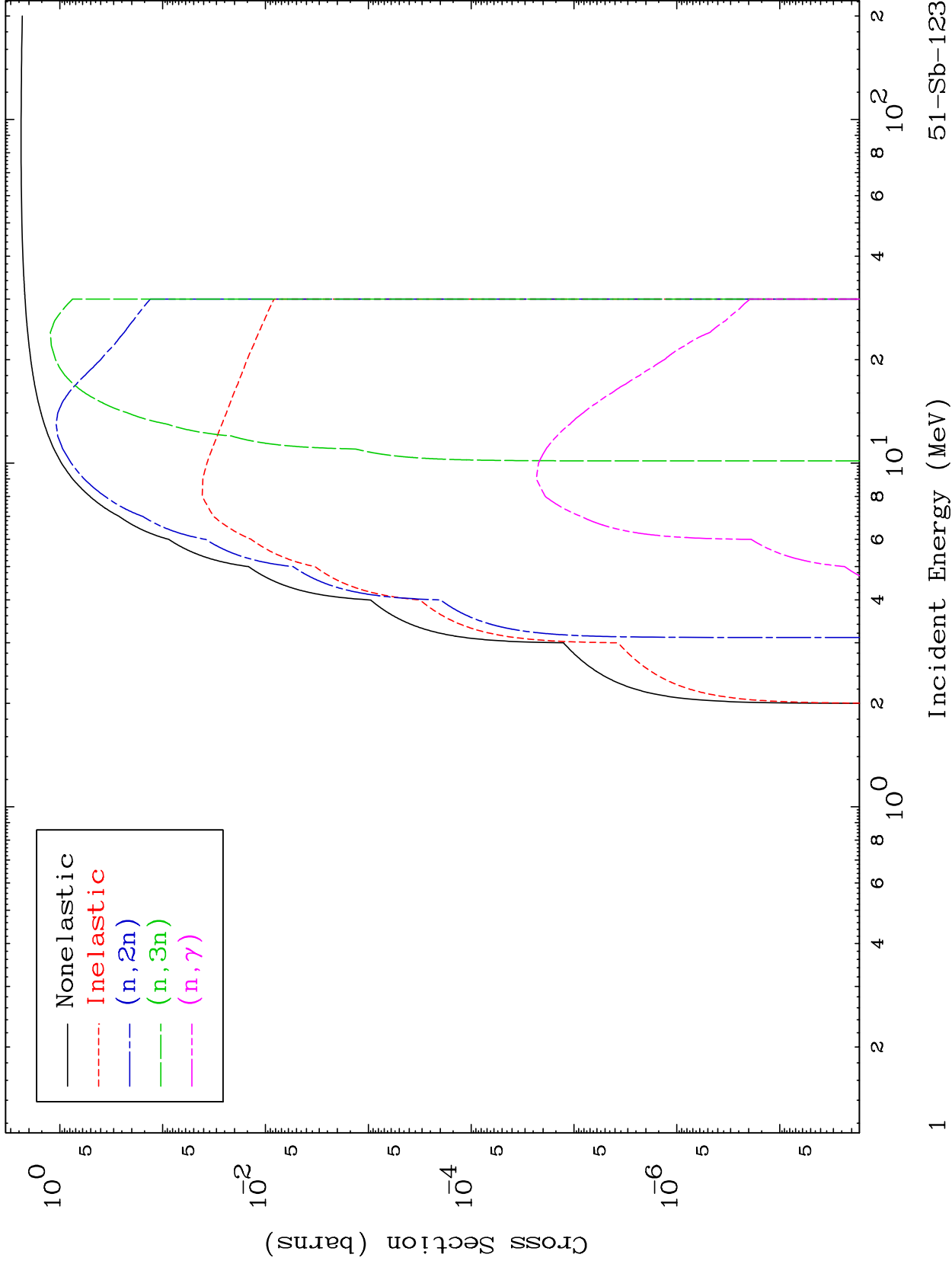
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

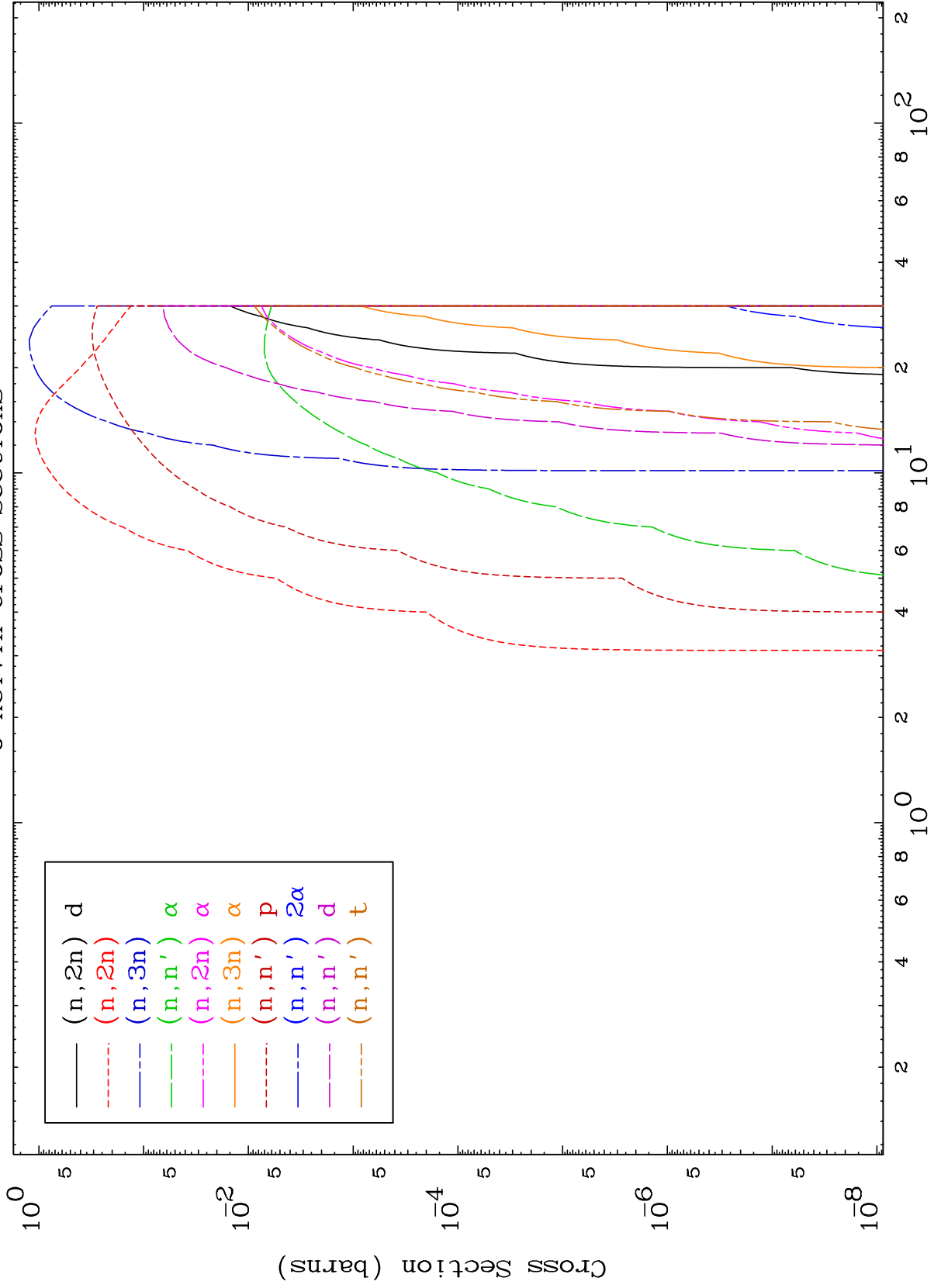
Tele: 925-443-1911

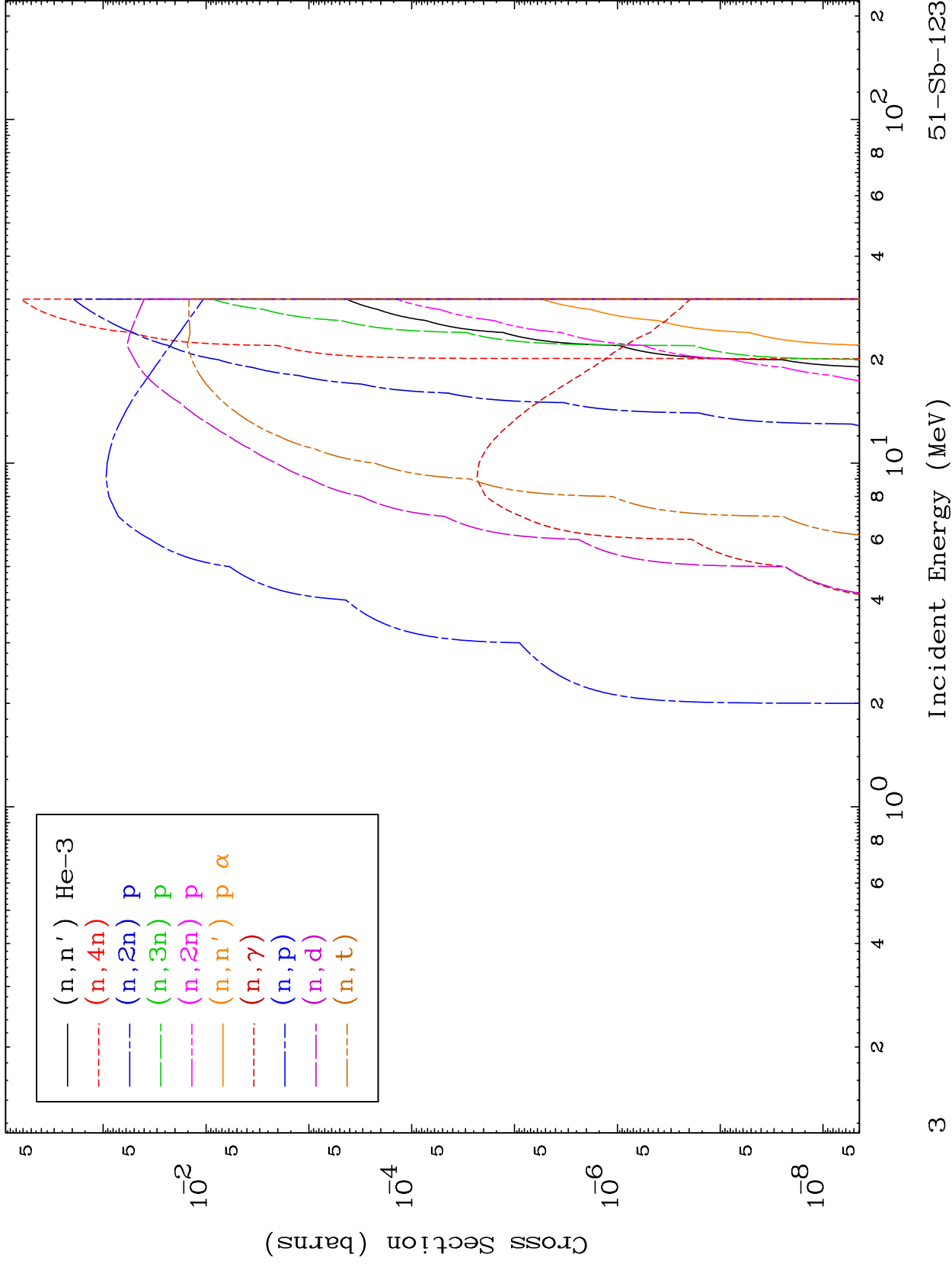
E.Mail:redcullen1@comcast.net

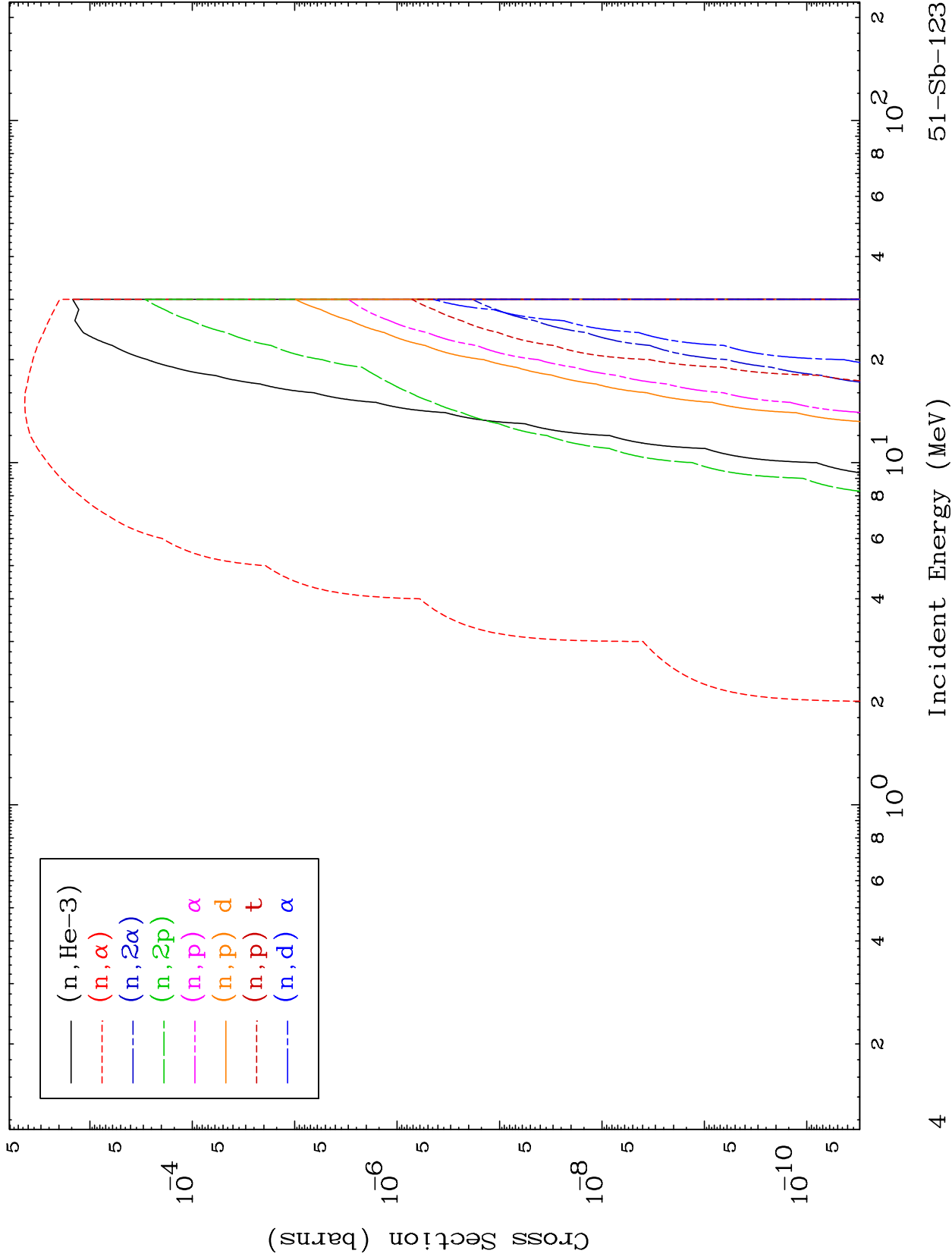
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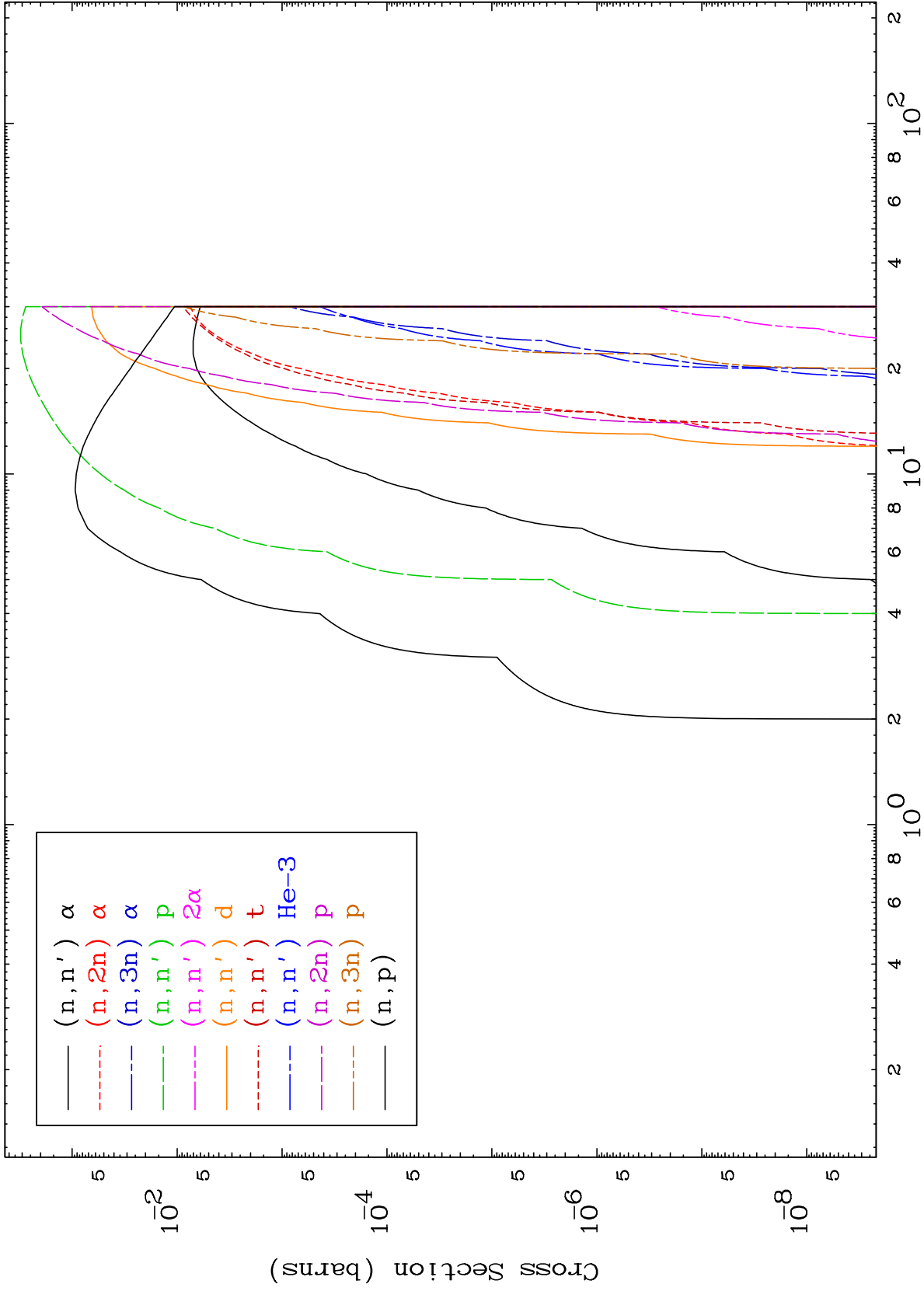
Press Mouse Button to Start

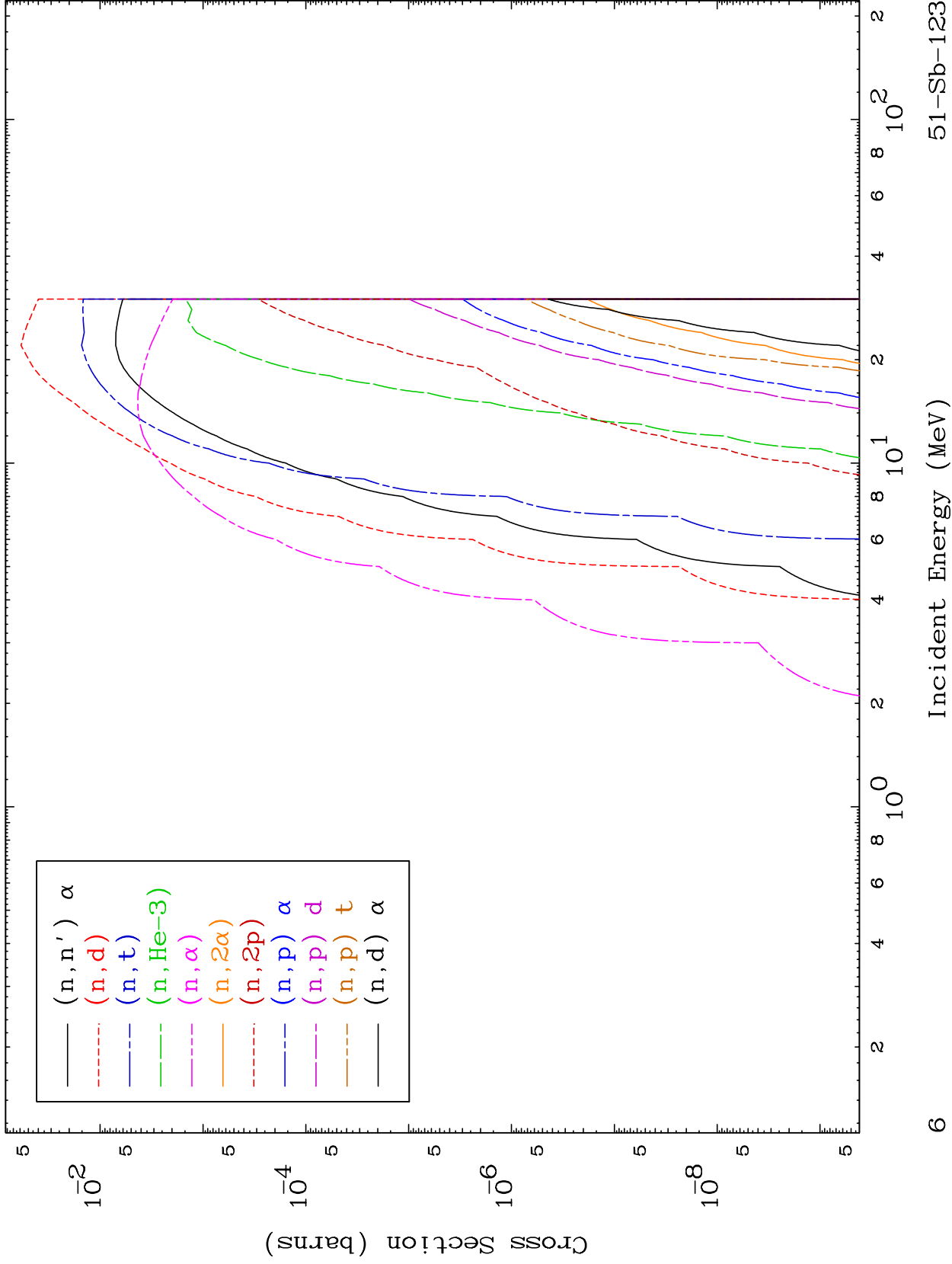








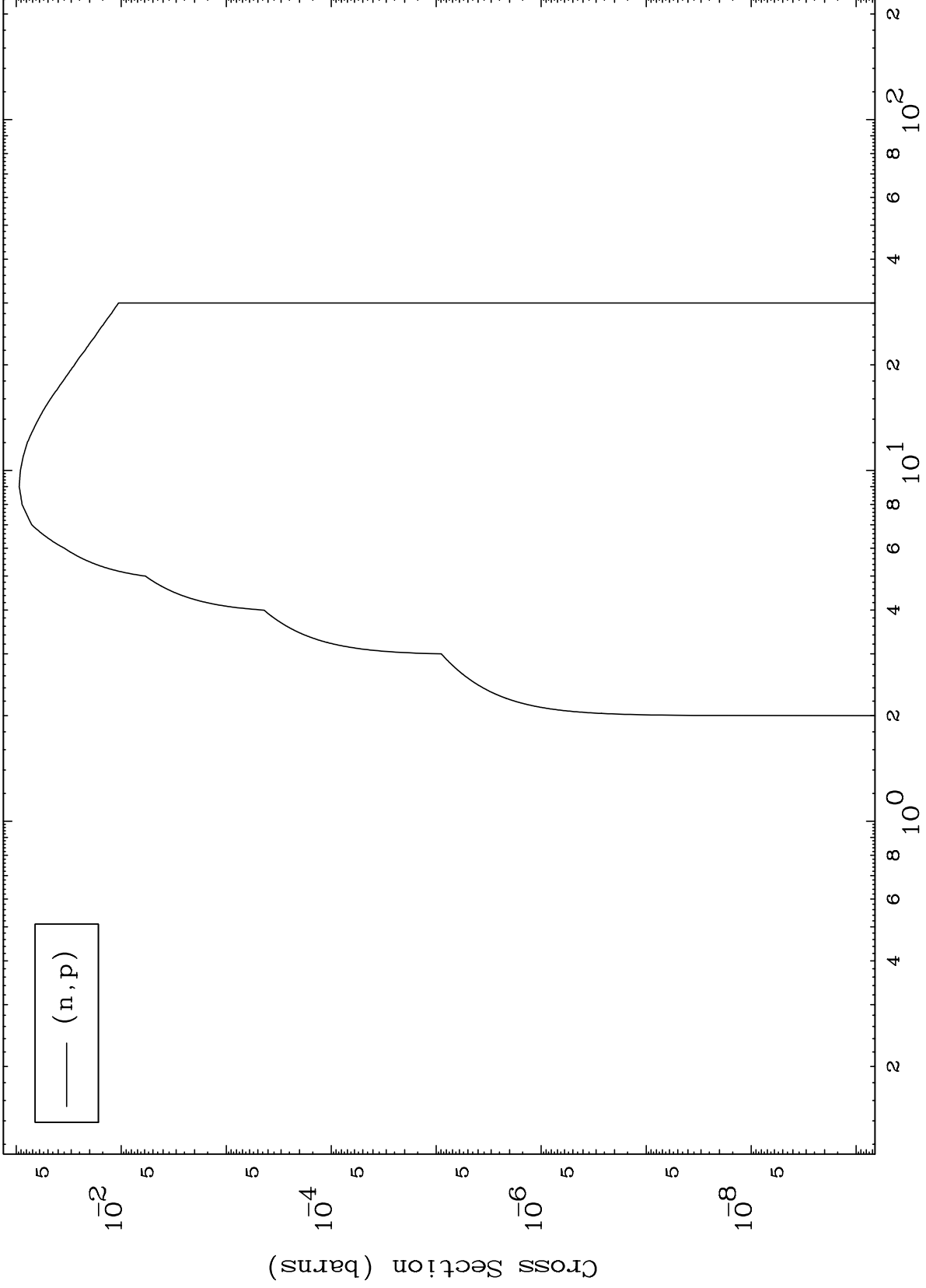




MAT 5131

51-Sb-123

(d,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

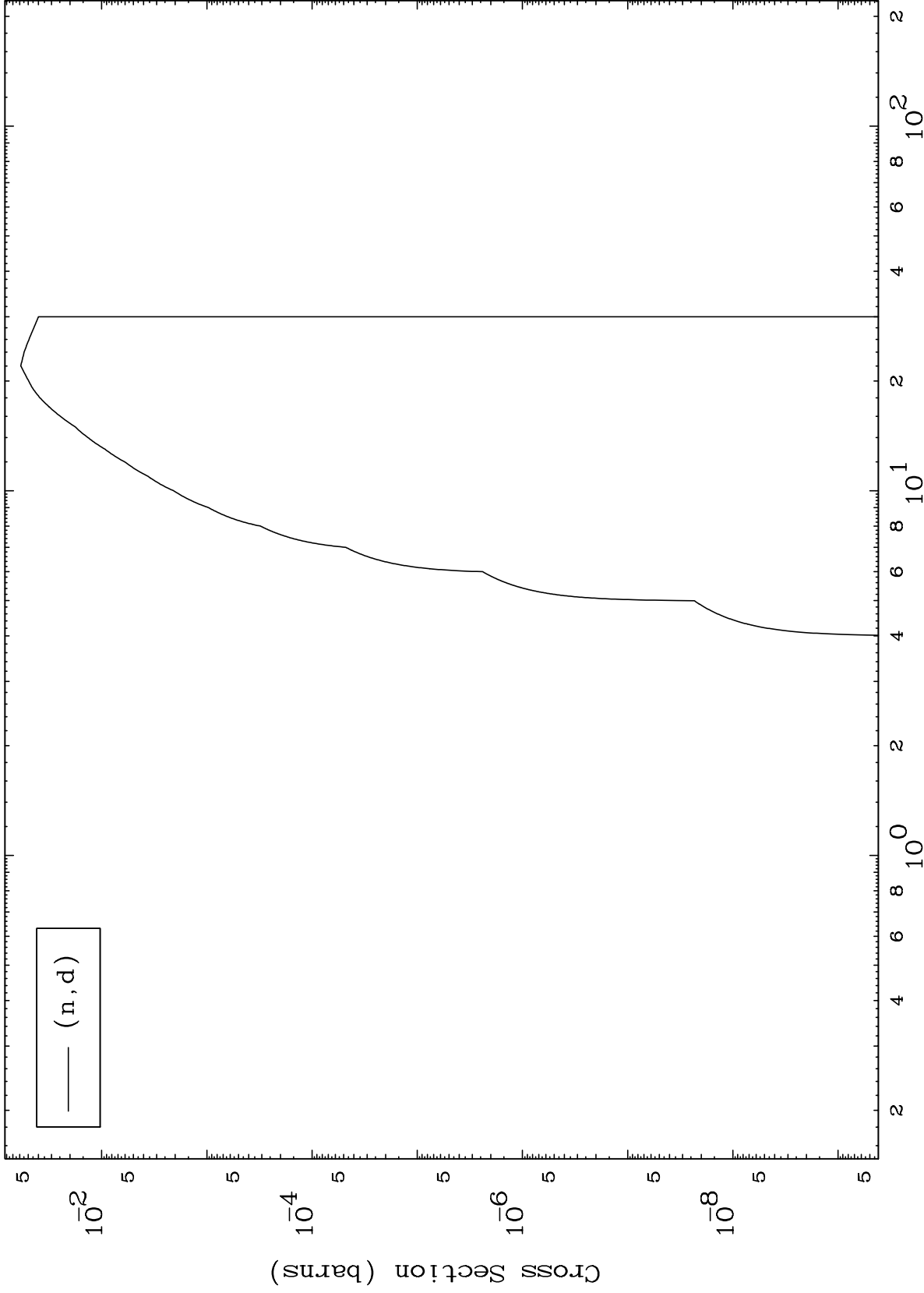
51-Sb-123

MAT 5131

(d,d) Levels

51-Sb-123

0 Kelvin Cross Sections



8

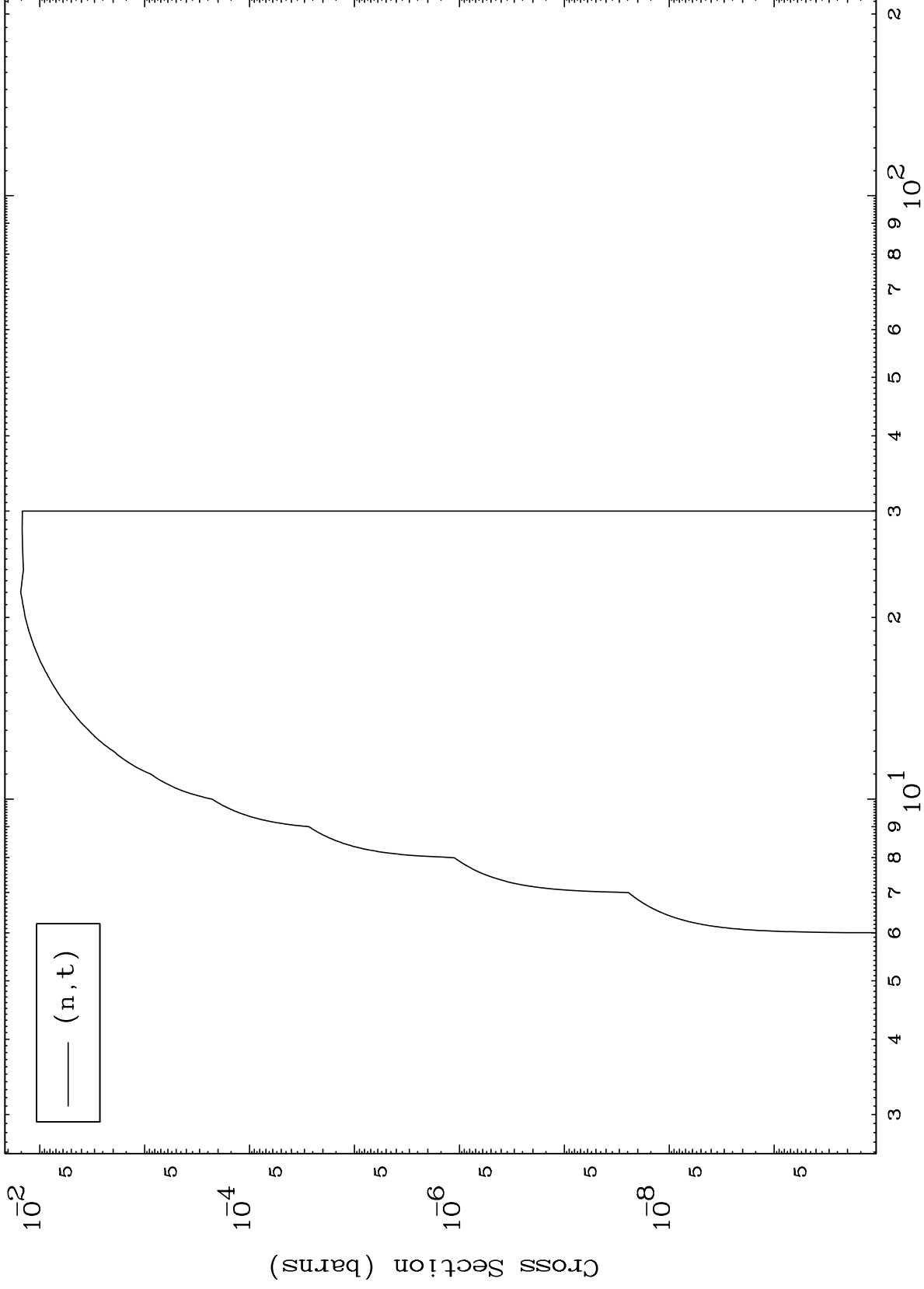
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(d,t) Levels
0 Kelvin Cross Sections



9

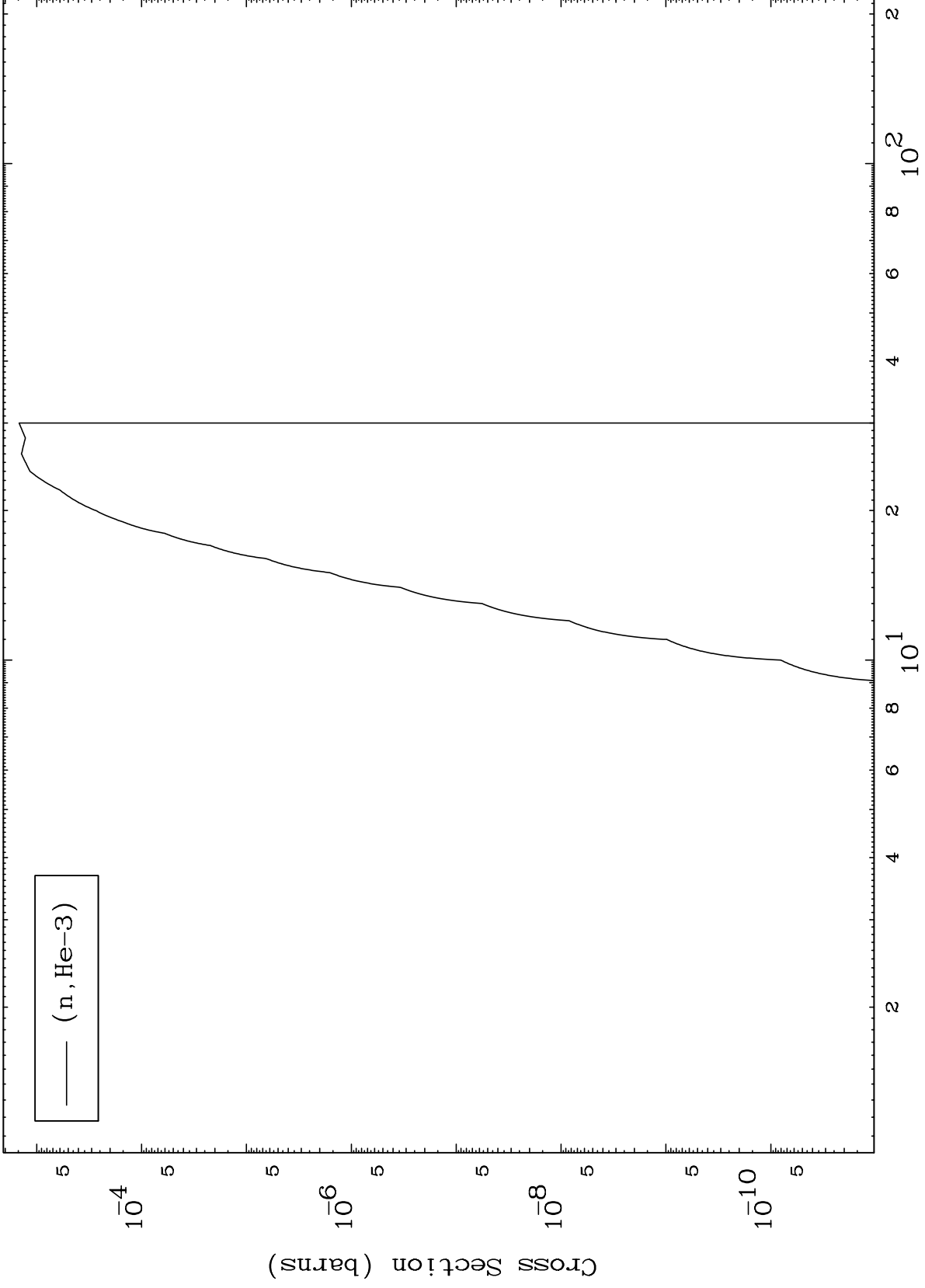
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-123



10

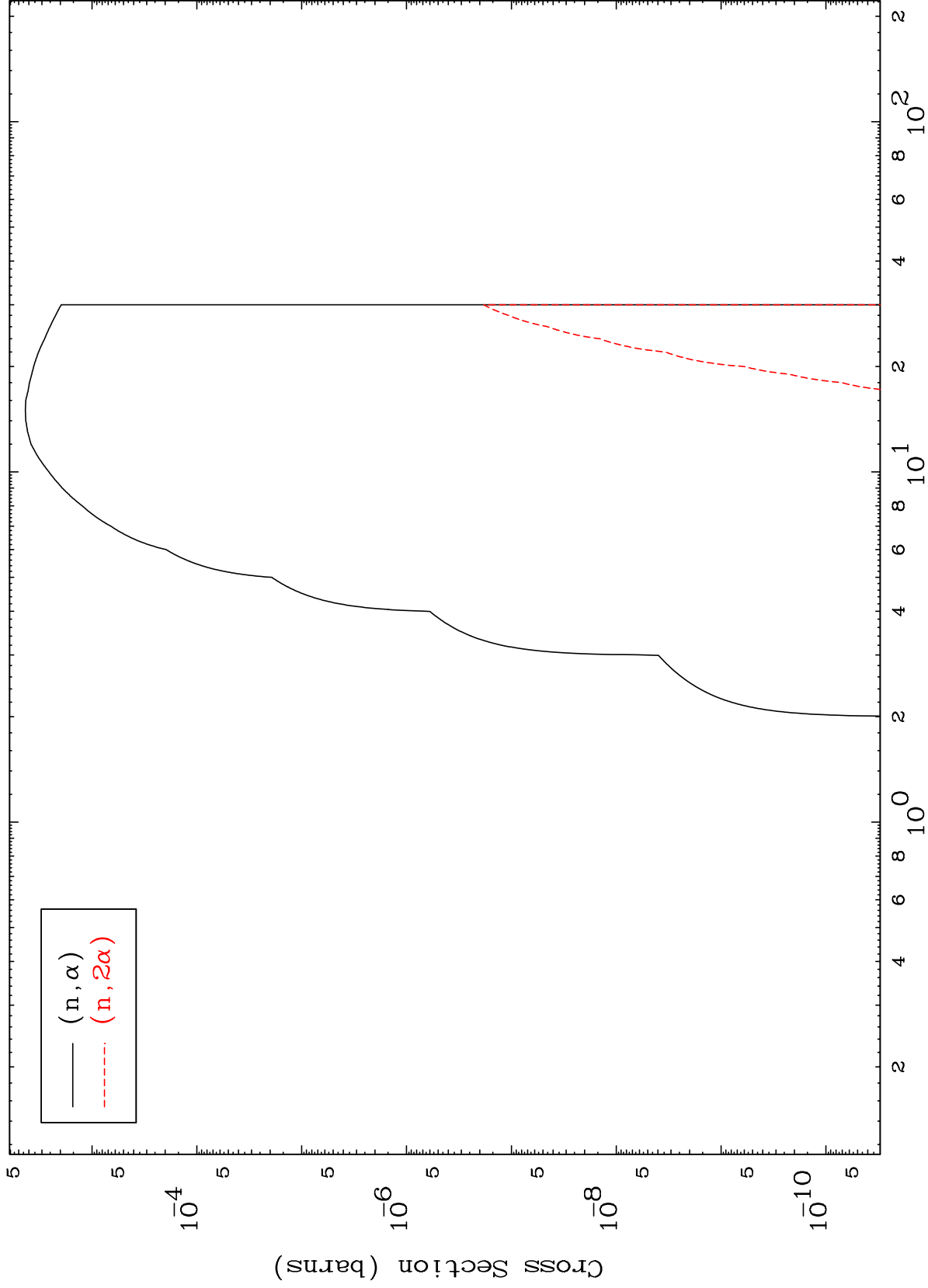
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d, α) Levels
0 Kelvin Cross Sections

51-Sb-123

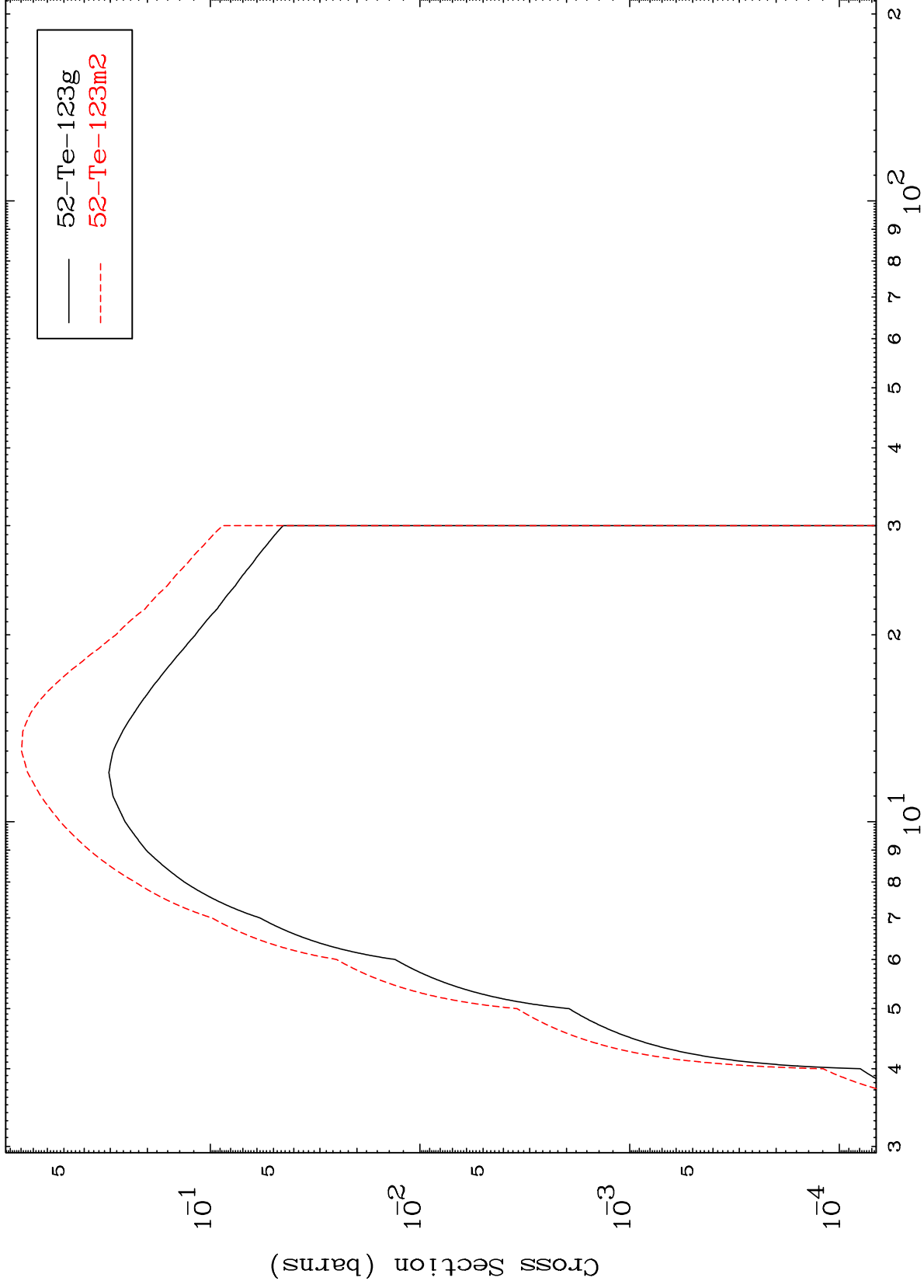


MAT 5131

(n,2n)

51-Sb-123

Radionuclide Production Cross Section



12

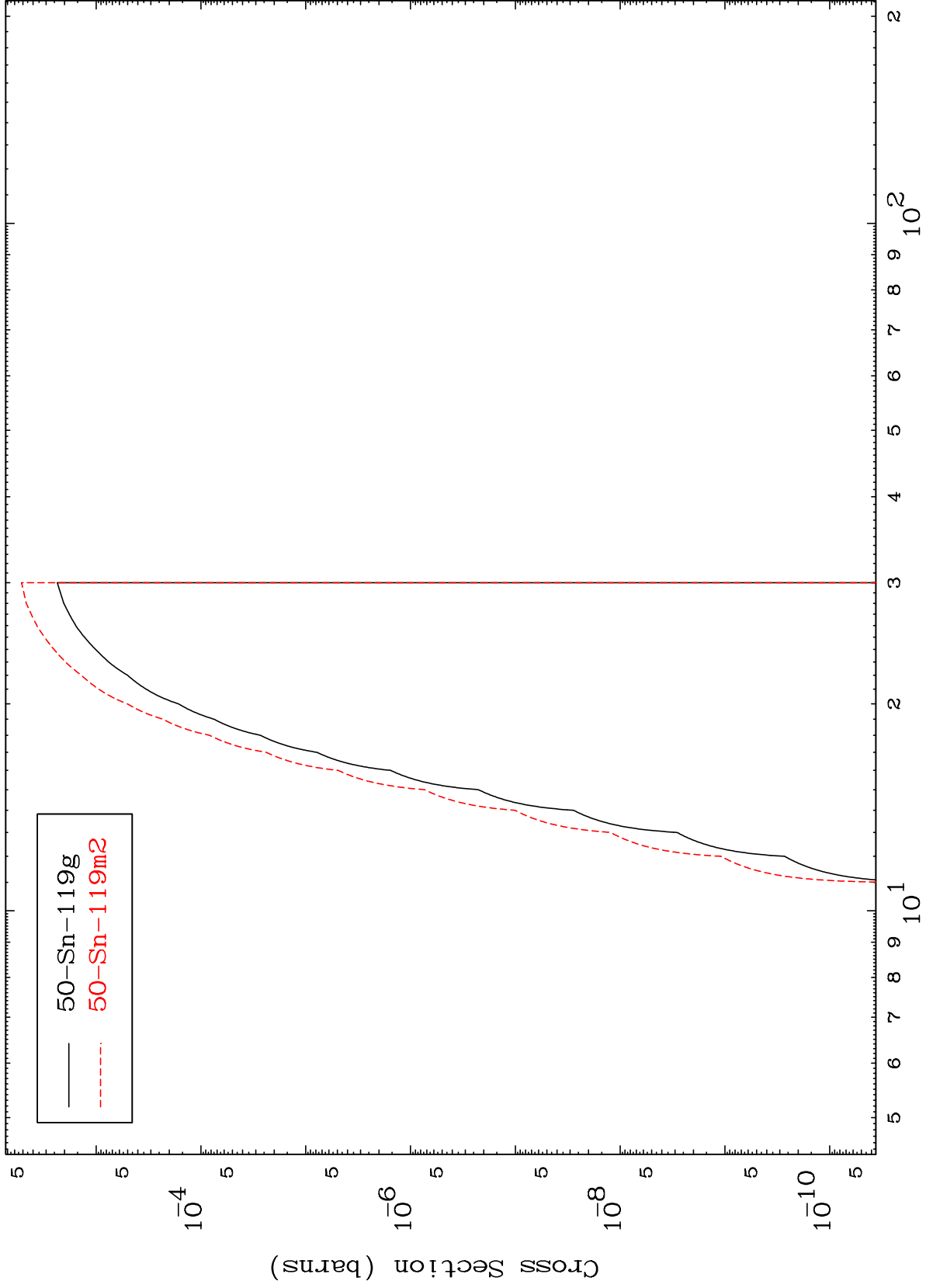
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,2n) α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

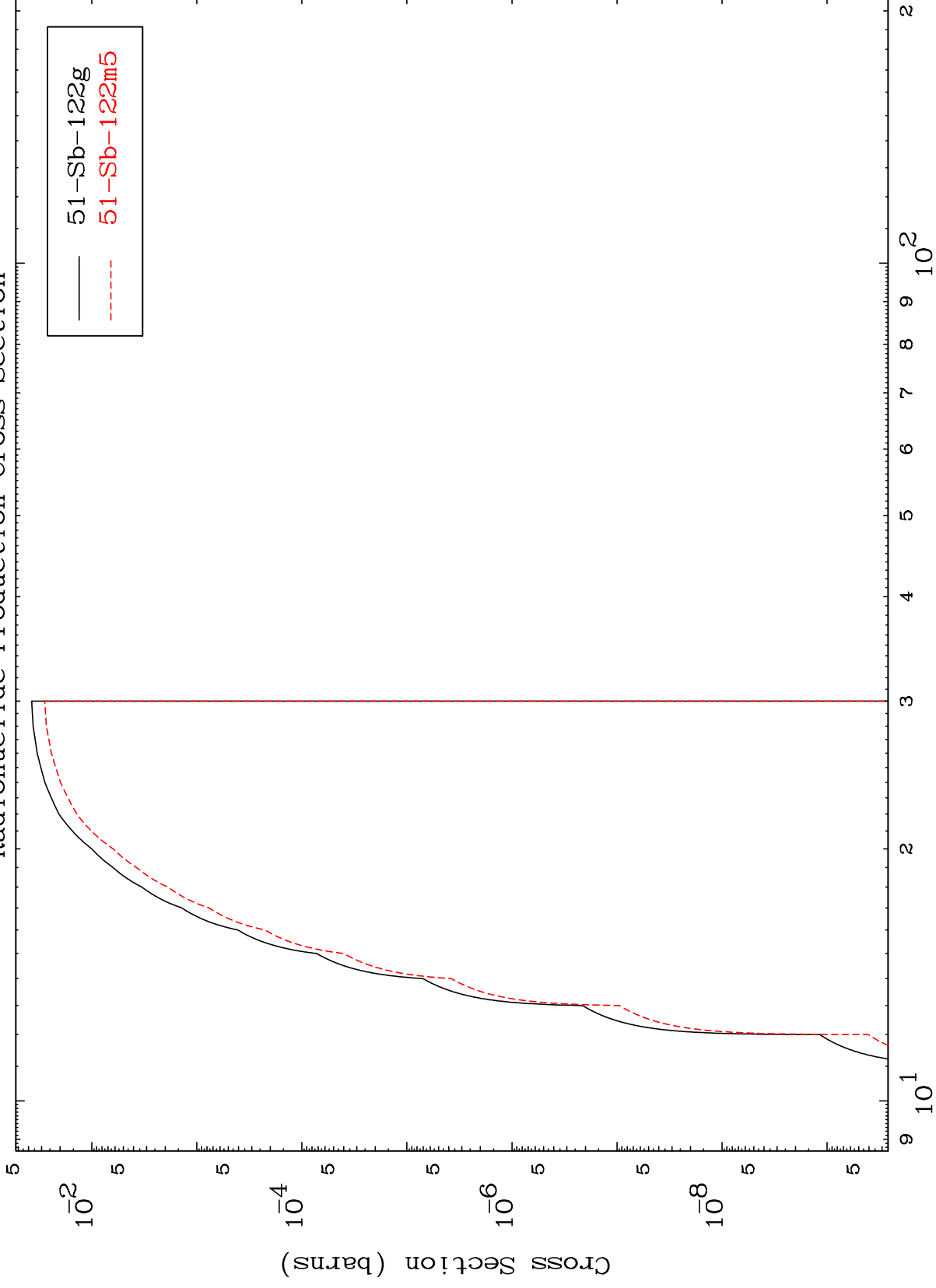
51-Sb-123

MAT 5131

(n,n') d

51-Sb-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

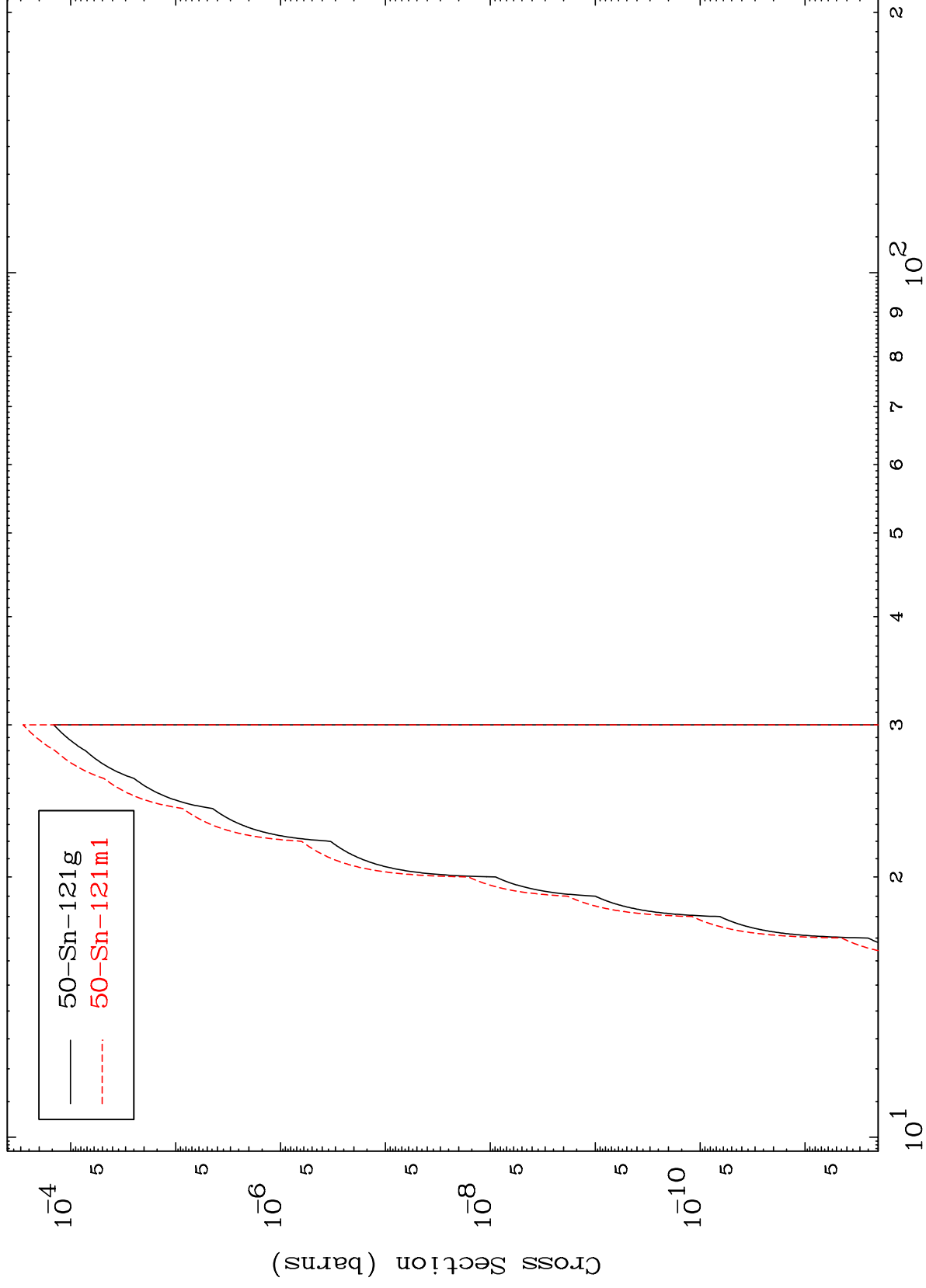
51-Sb-123

MAT 5131

(n,n') He-3

51-Sb-123

Radionuclide Production Cross Section



Incident Energy (MeV)

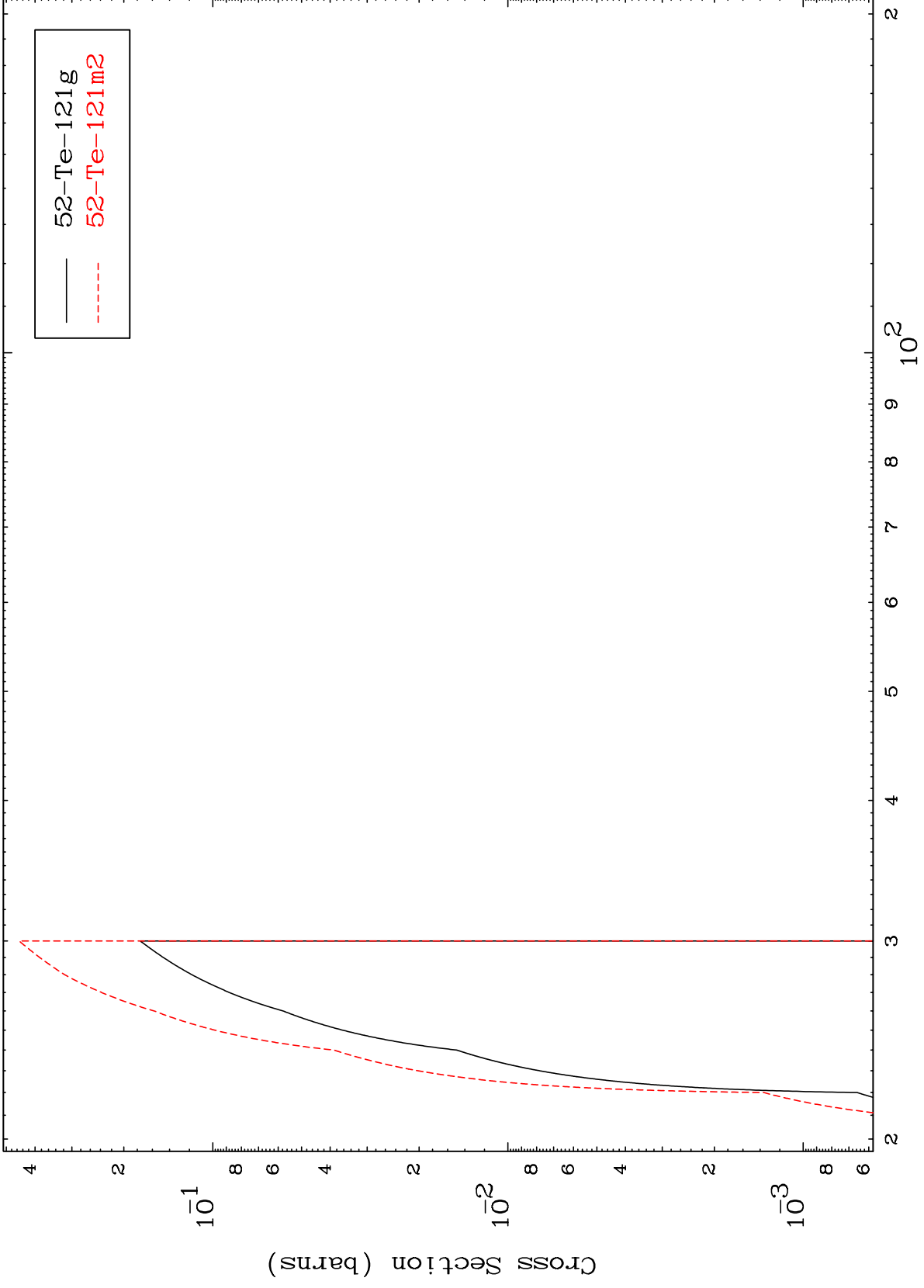
51-Sb-123

MAT 5131

(n,4n)

51-Sb-123

Radionuclide Production Cross Section

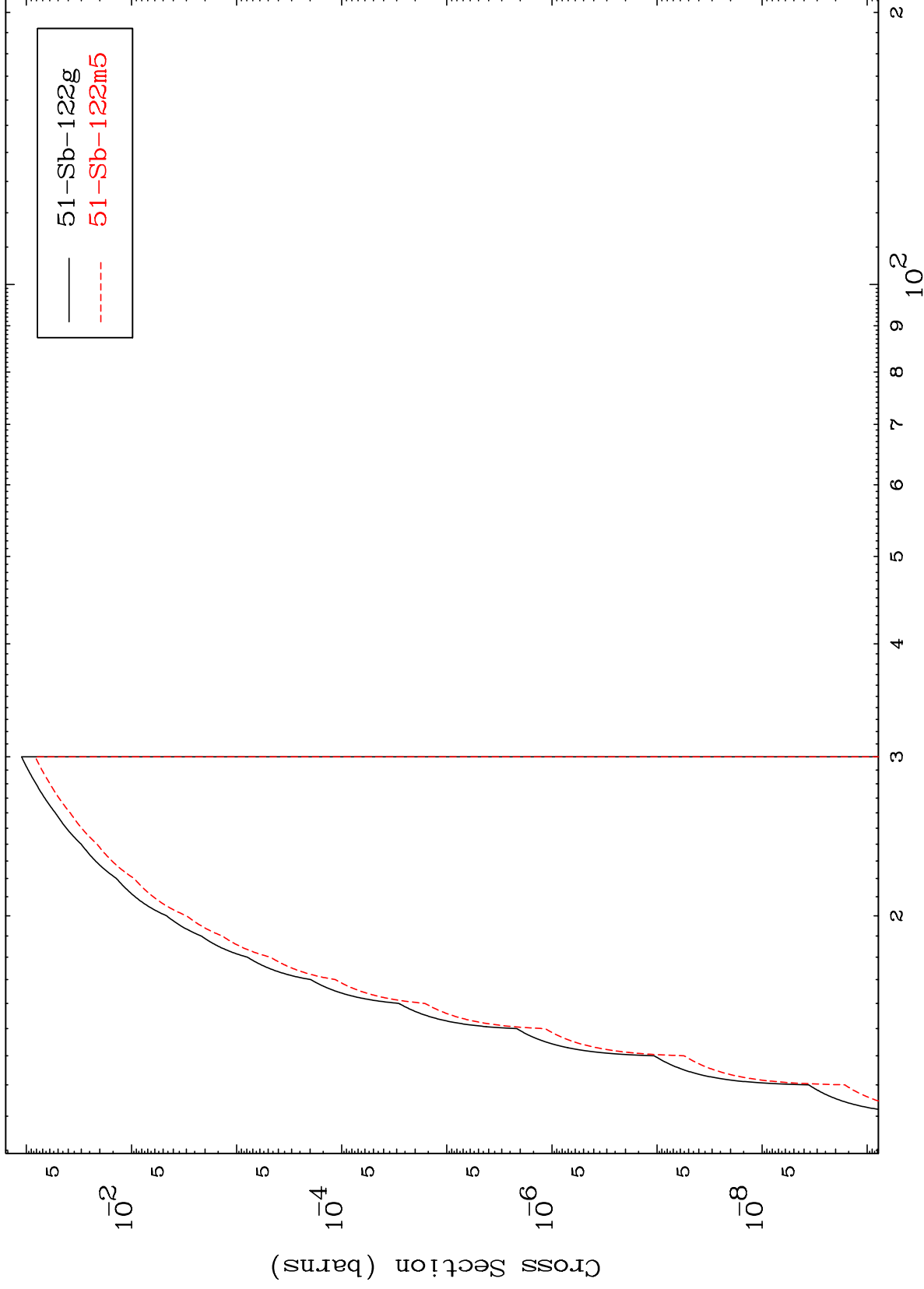


16

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

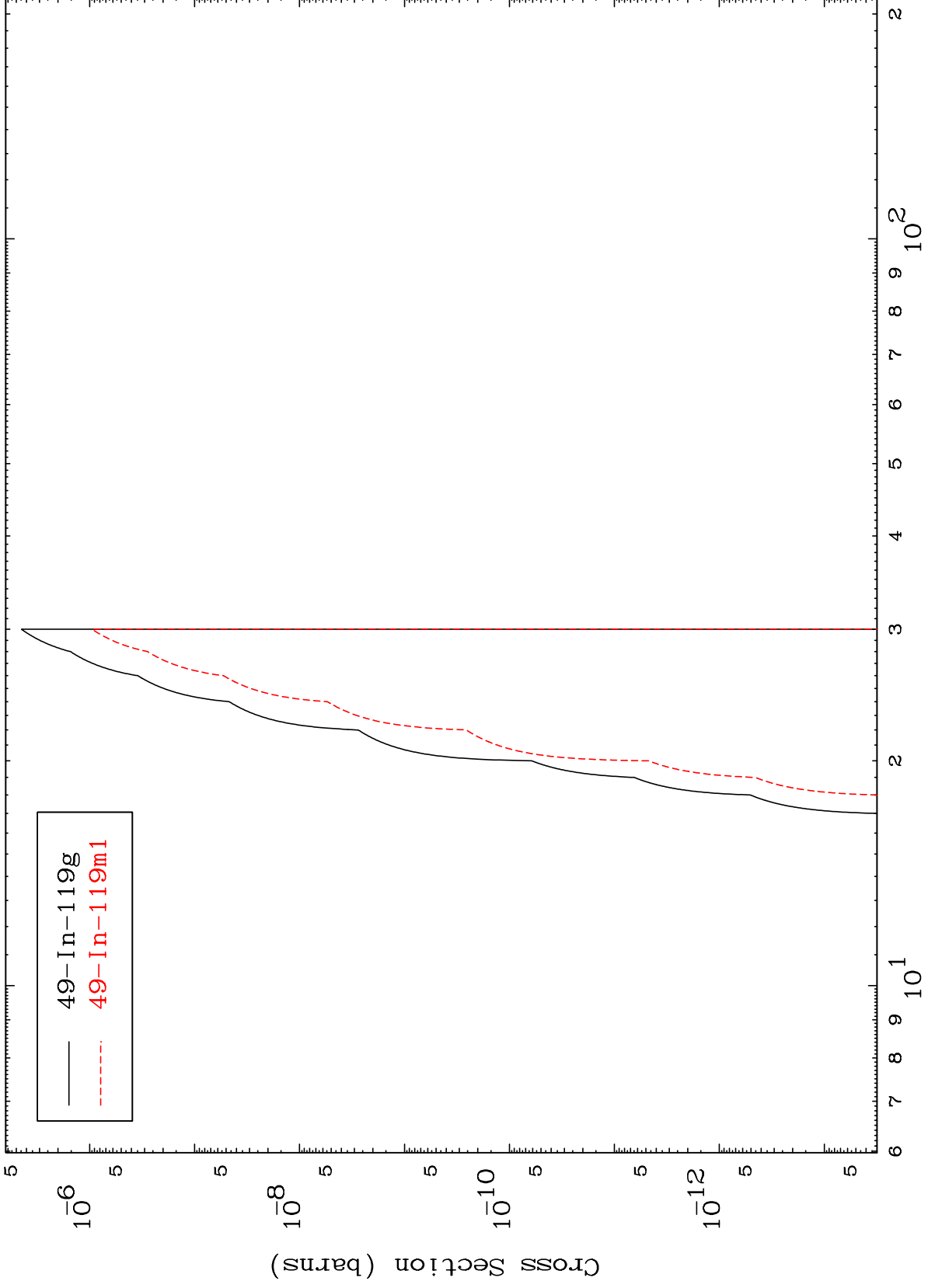


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(n,n') p α

51-Sb-123

Radionuclide Production Cross Section



18

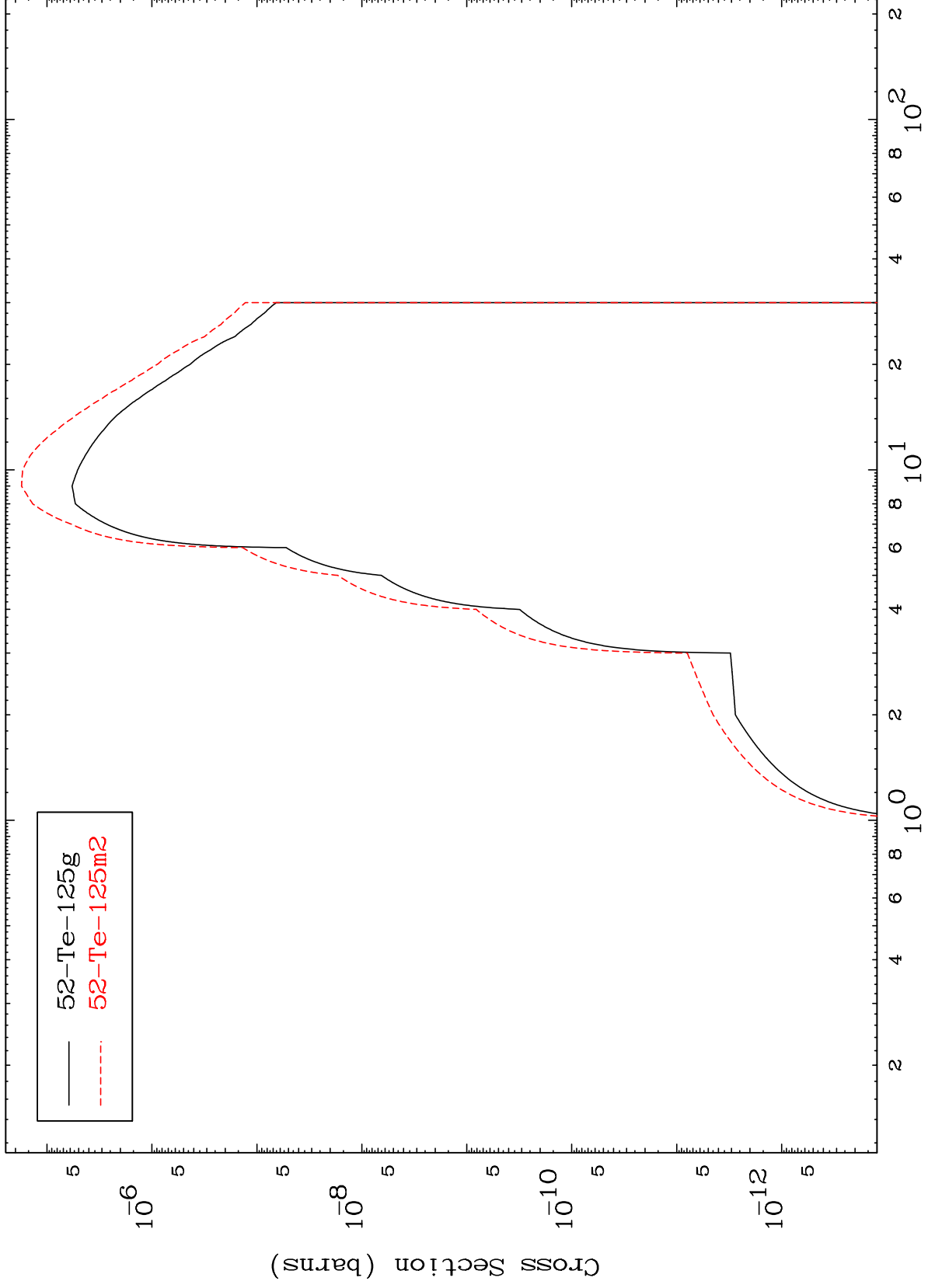
Incident Energy (MeV)

51-Sb-123

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51-Sb-123

(n, γ)
Radionuclide Production Cross Section



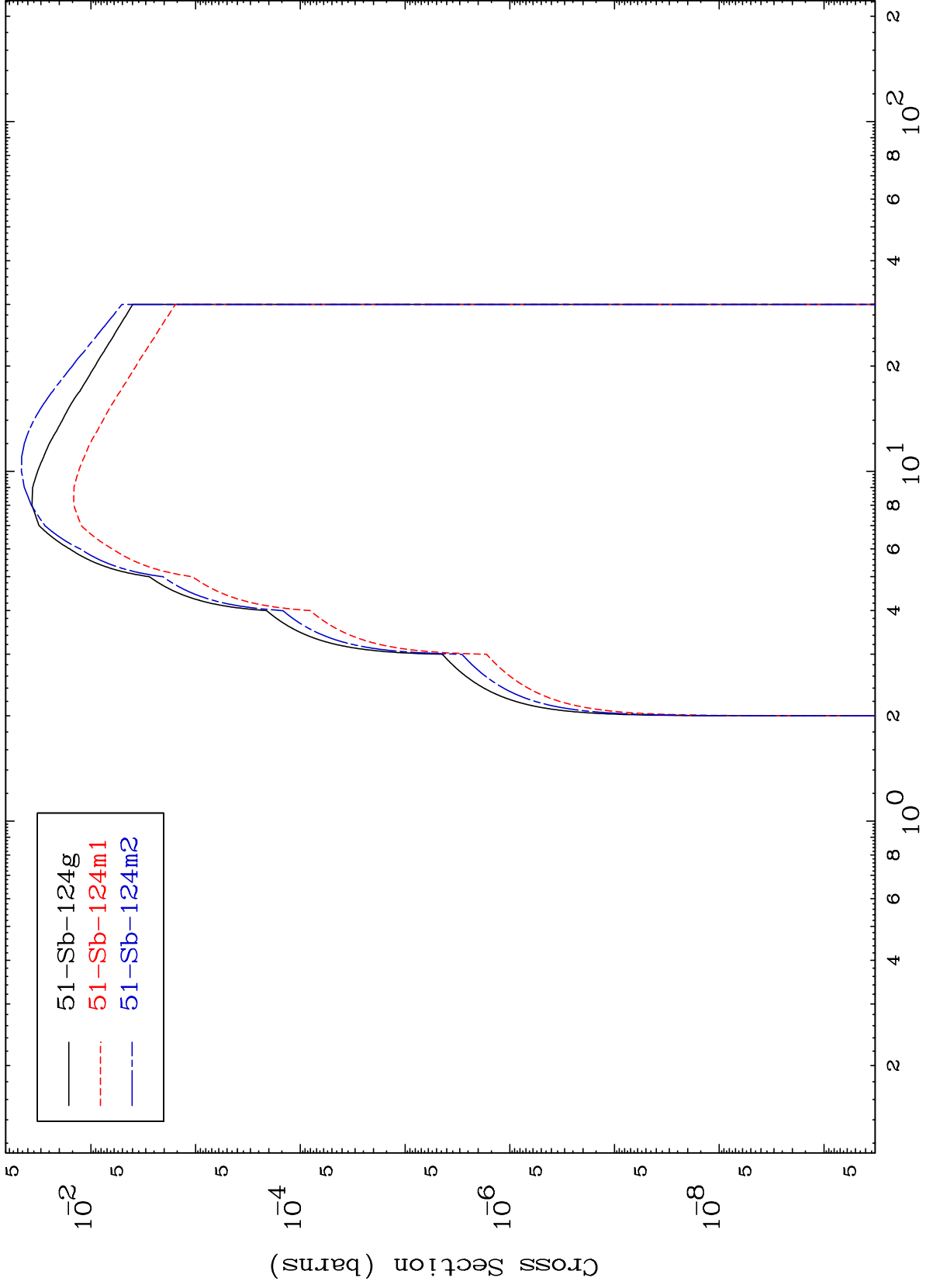
19

51-Sb-123

MAT 5131

51-Sb-123

(n,p)
Radionuclide Production Cross Section



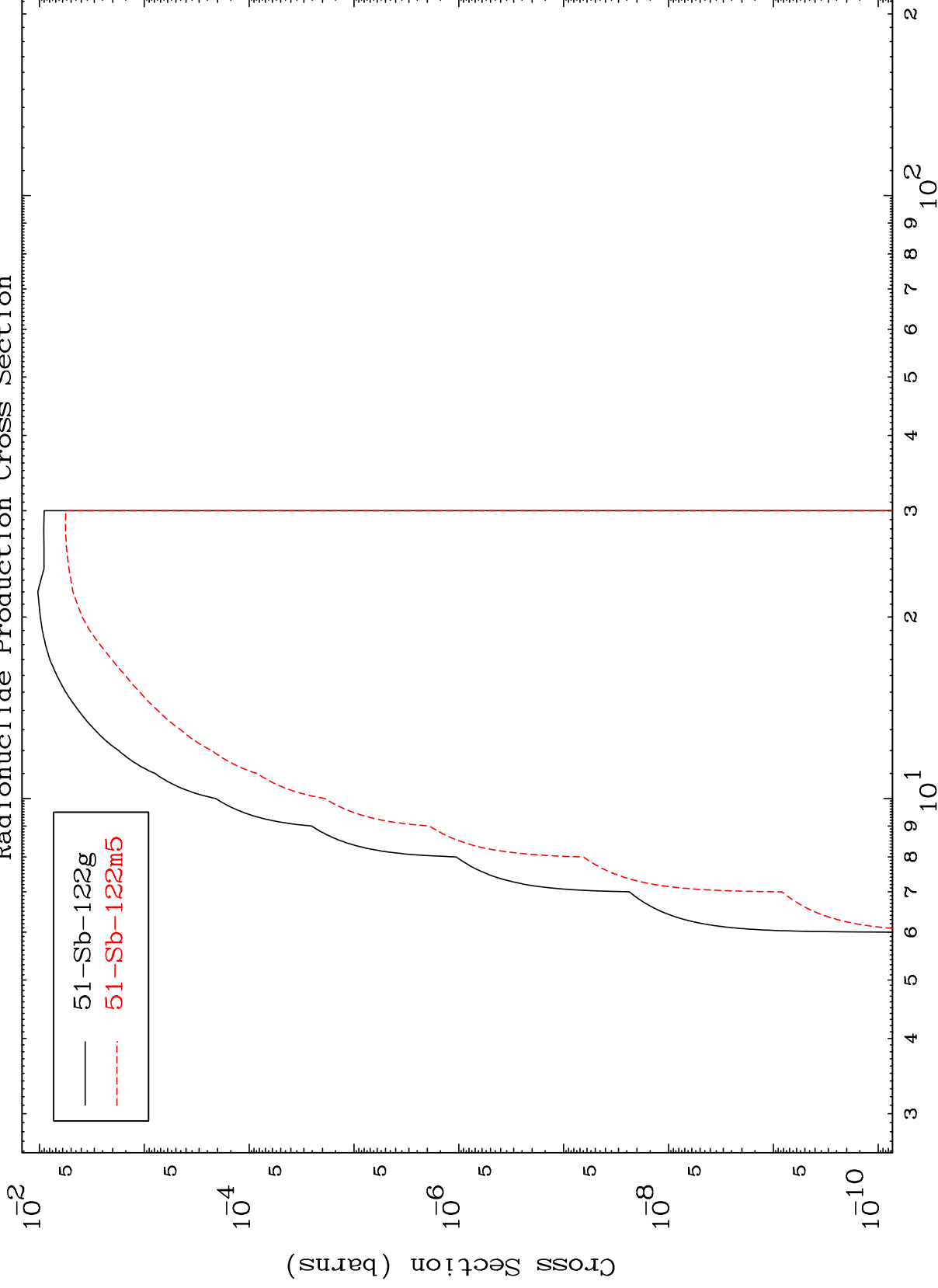
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51-Sb-123

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51-Sb-123

Radionuclide Production Cross Section



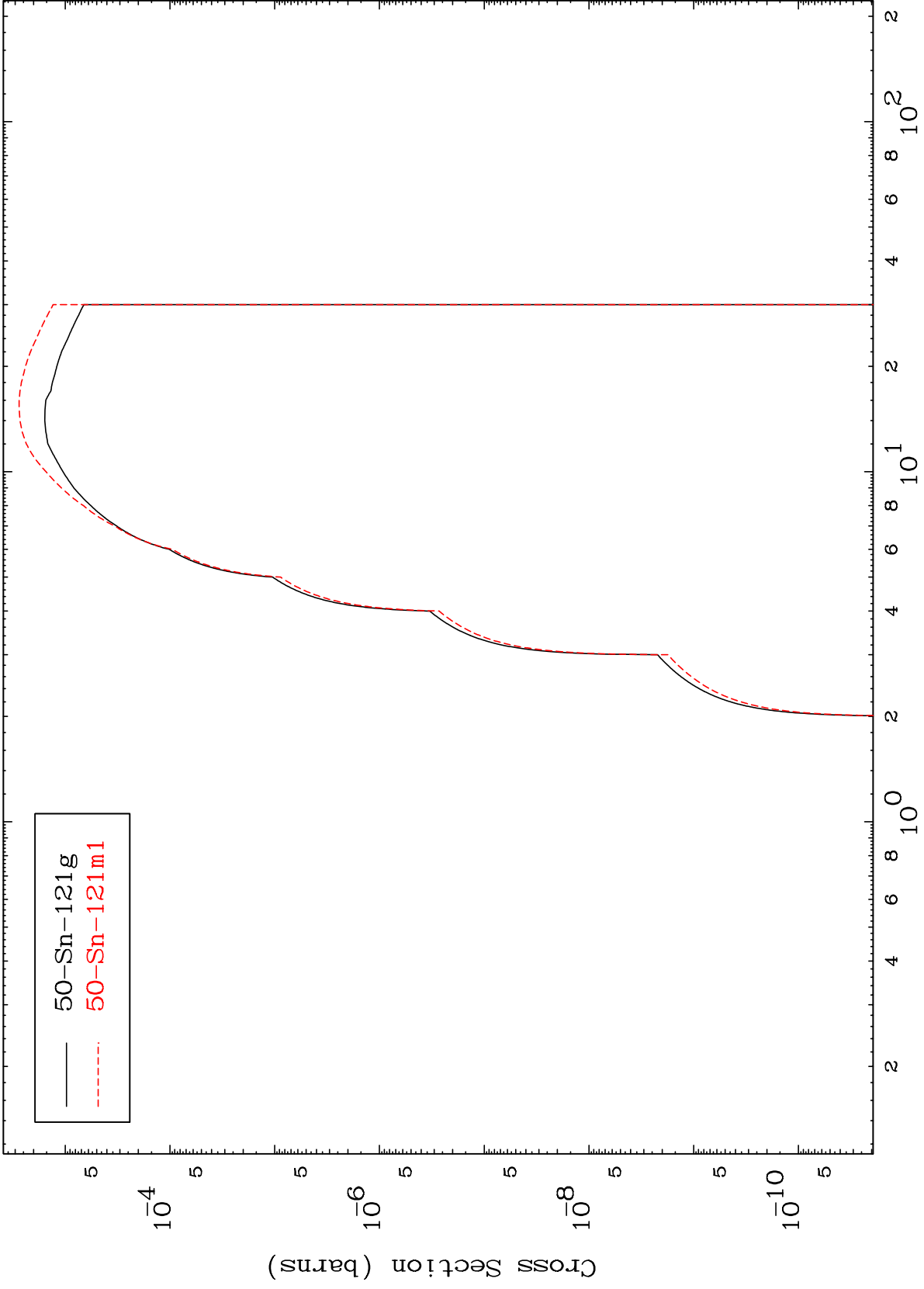
21

51-Sb-123

MAT 5131

51-Sb-123

(n, α)
Radionuclide Production Cross Section



22

51-Sb-123

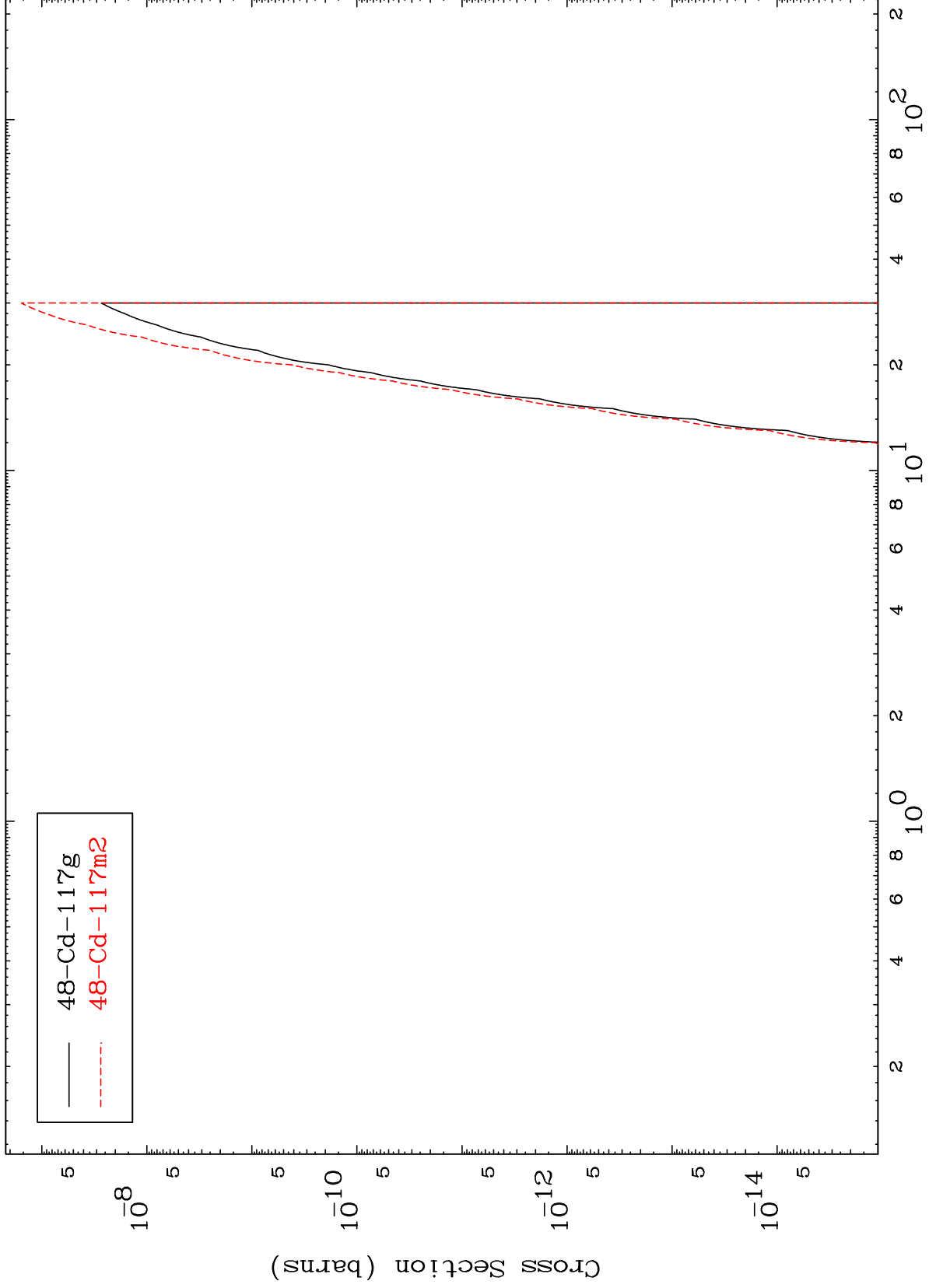
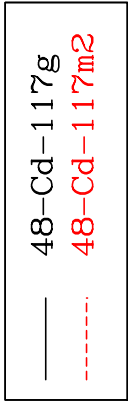
Incident Energy (MeV)

MAT 5131

(n,2α)

51-Sb-123

Radionuclide Production Cross Section



23

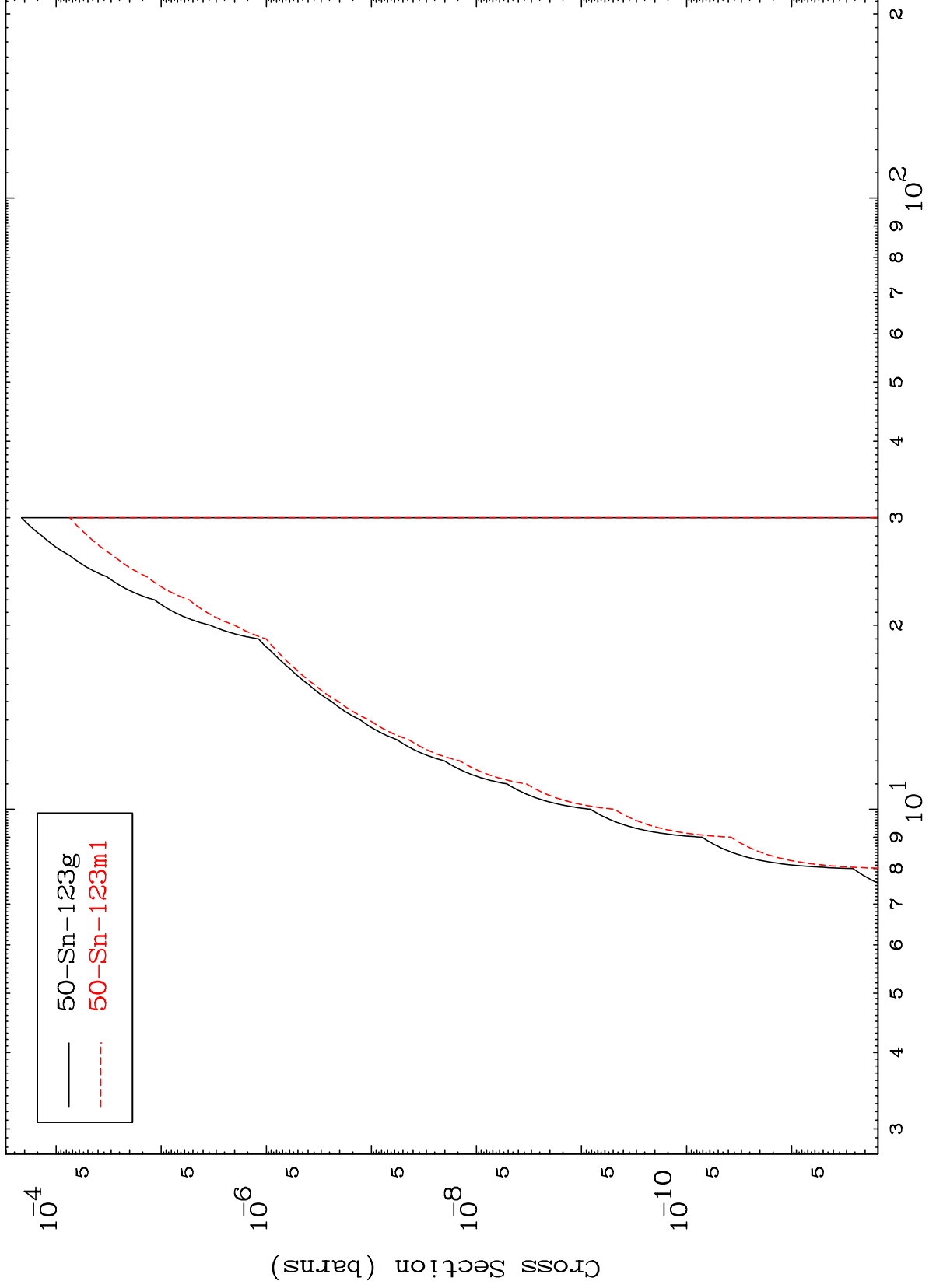
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

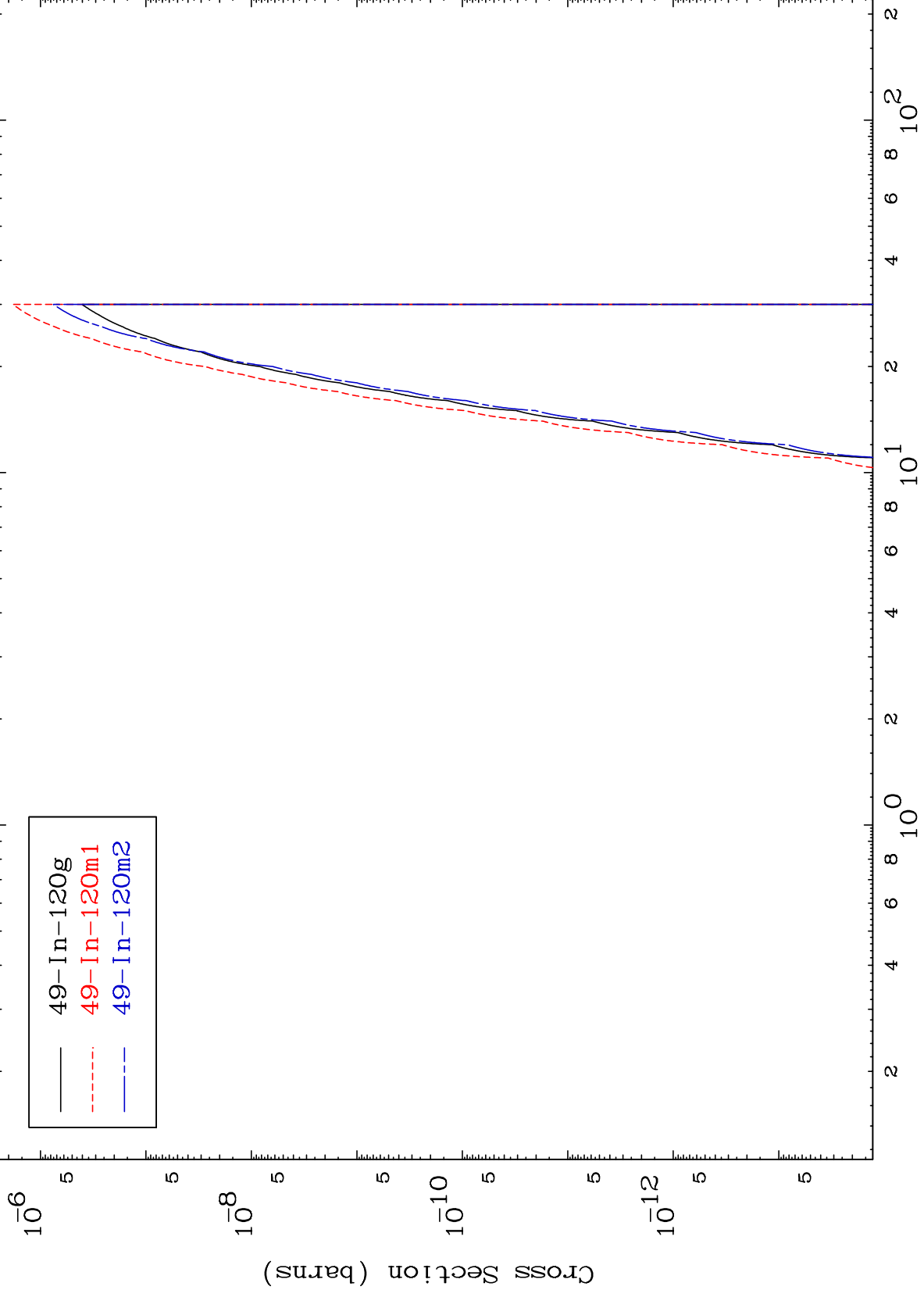
51-Sb-123

MAT 5131

(n,p) α

51-Sb-123

Radionuclide Production Cross Section



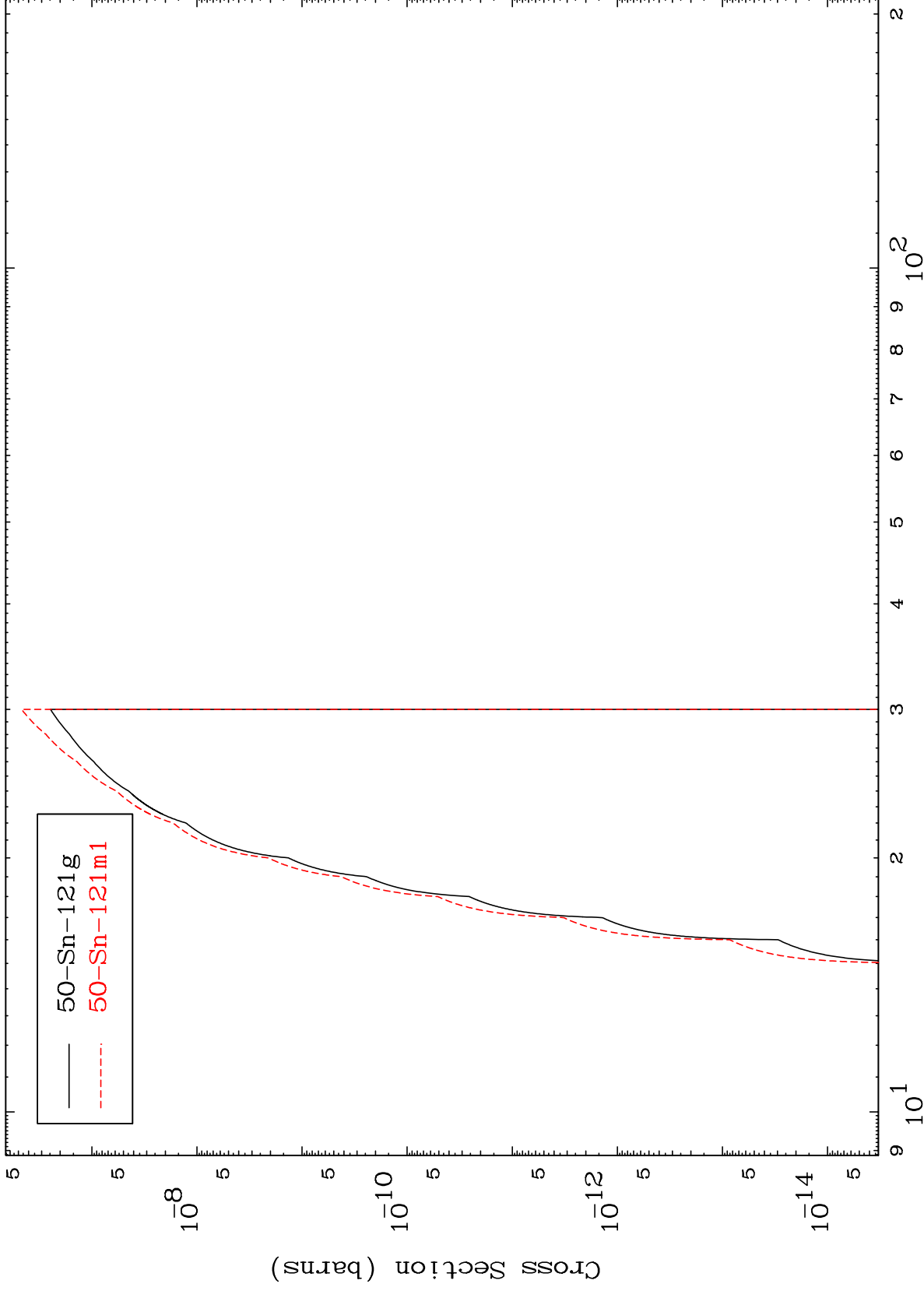
49-In-120g
49-In-120m1
49-In-120m2

MAT 5131

(n,p) t

51-Sb-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

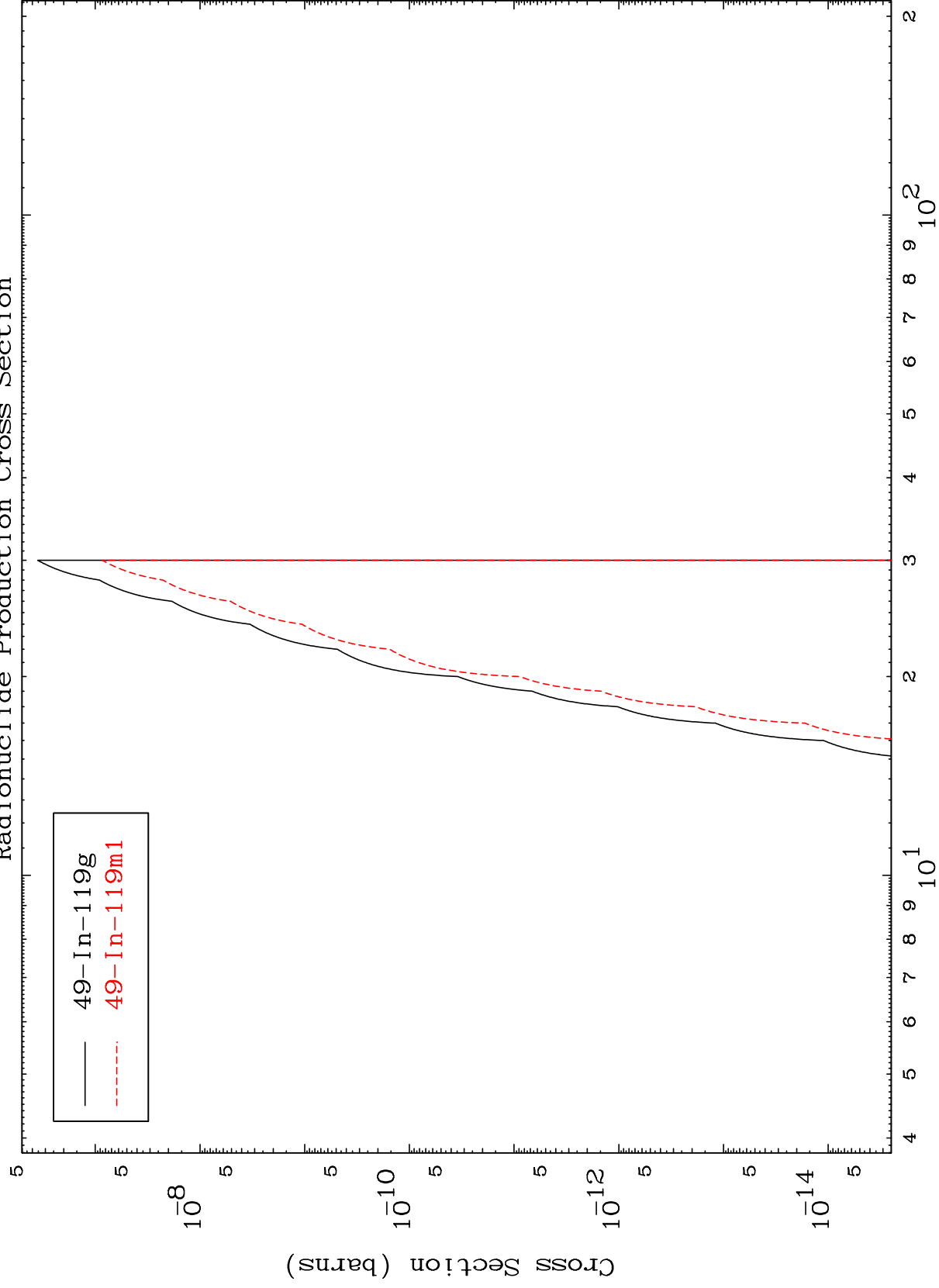
51-Sb-123

MAT 5131

(n,d) α

51-Sb-123

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-123