

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

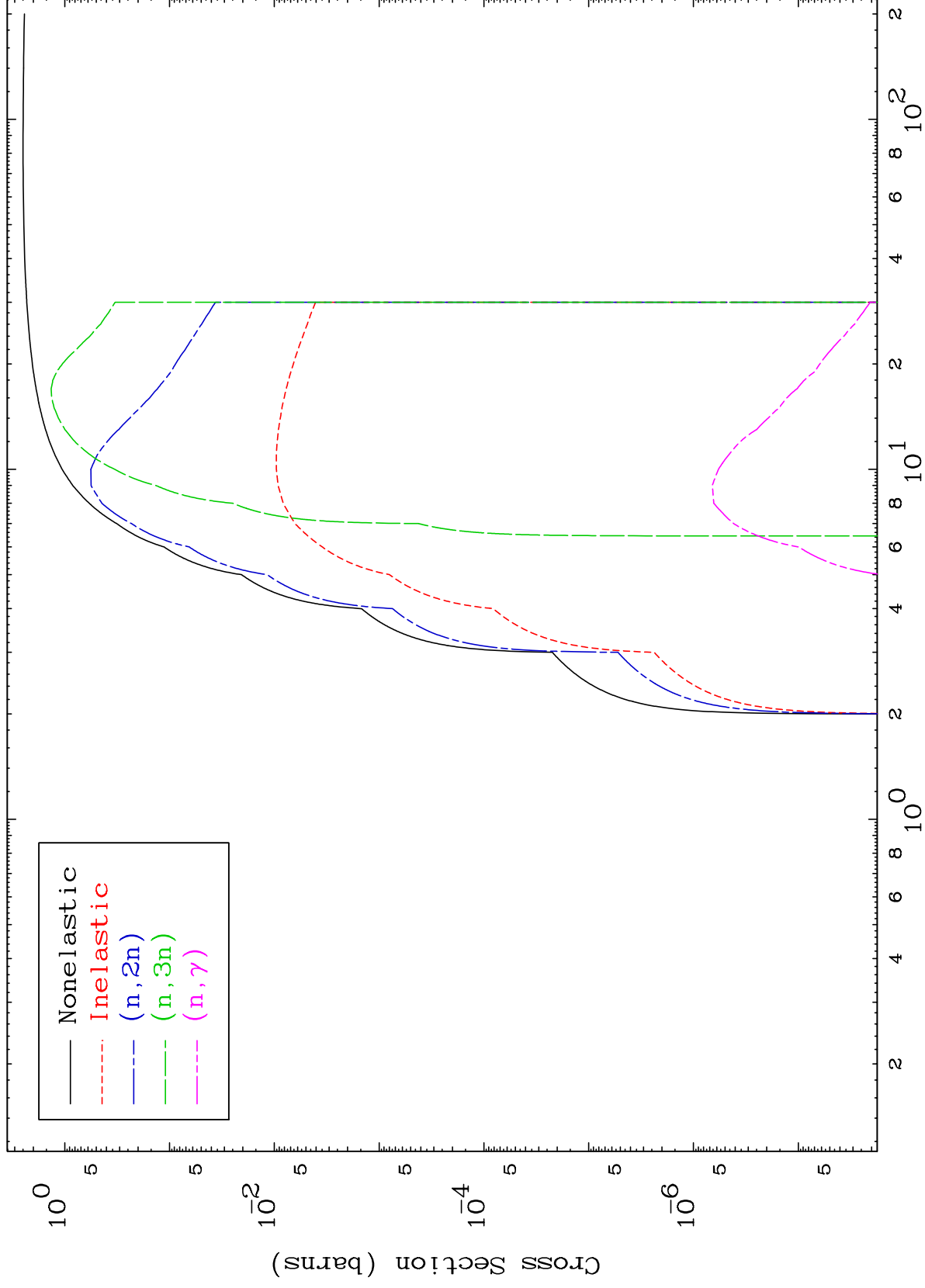
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

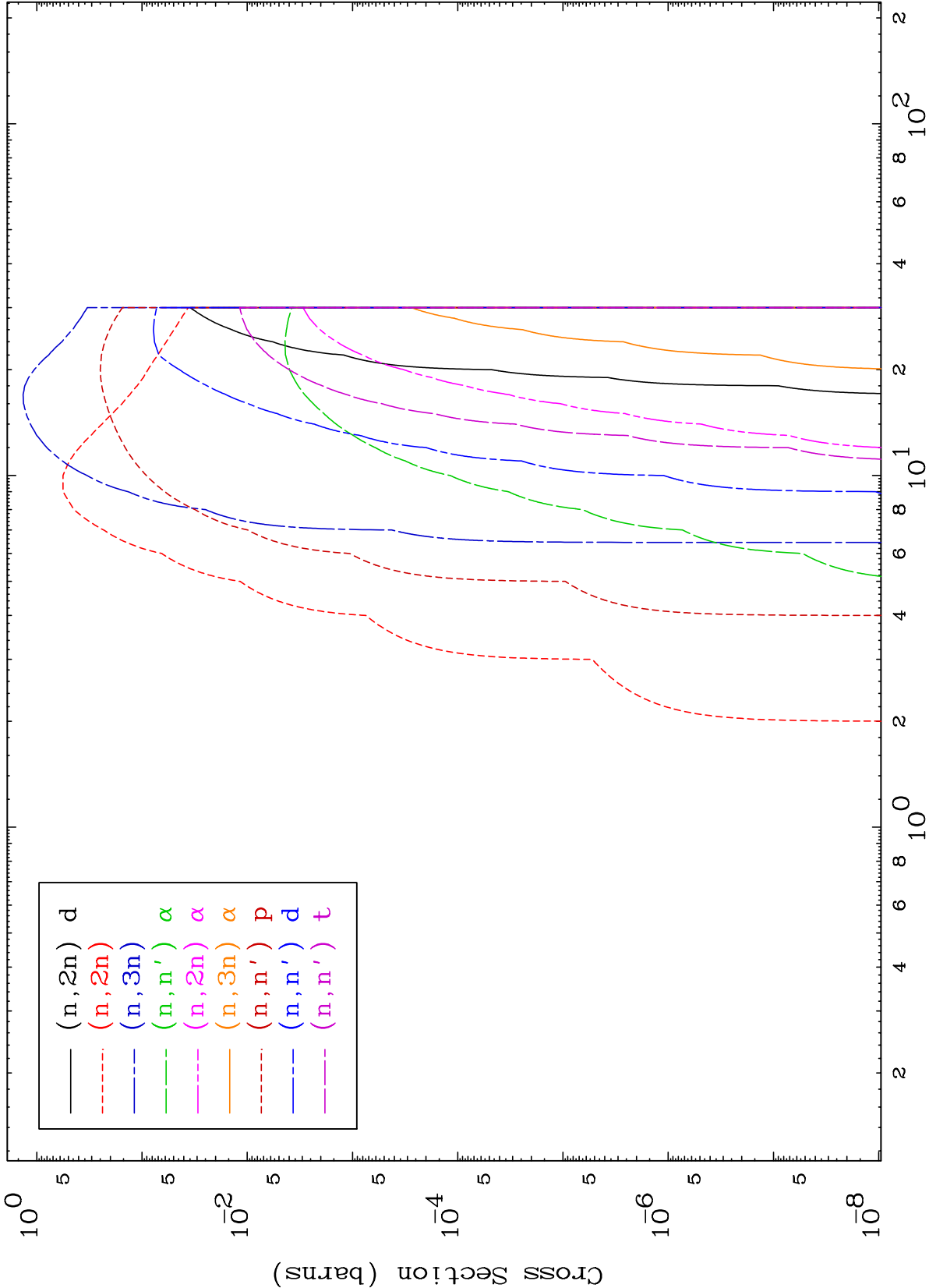
Tele: 925-443-1911

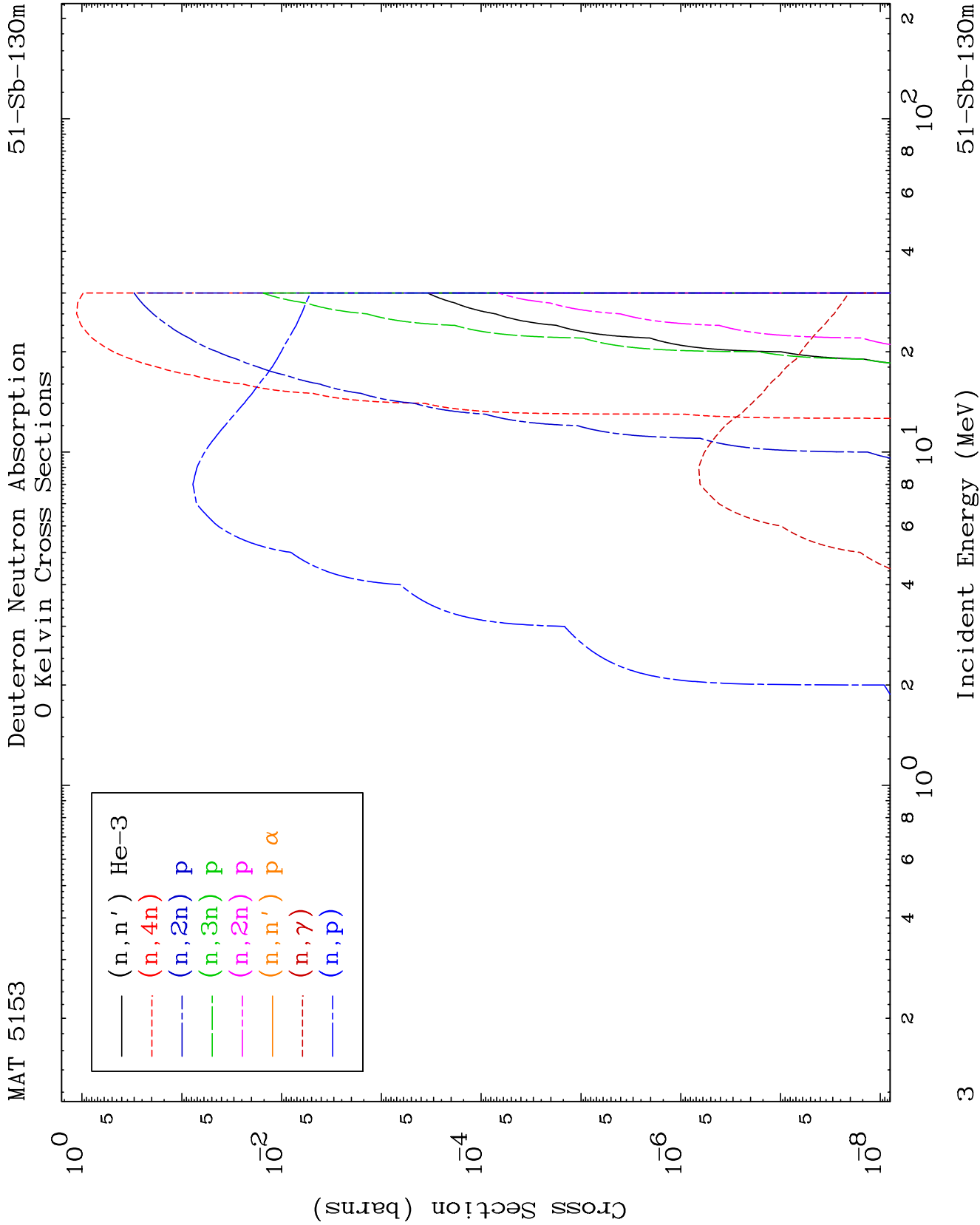
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

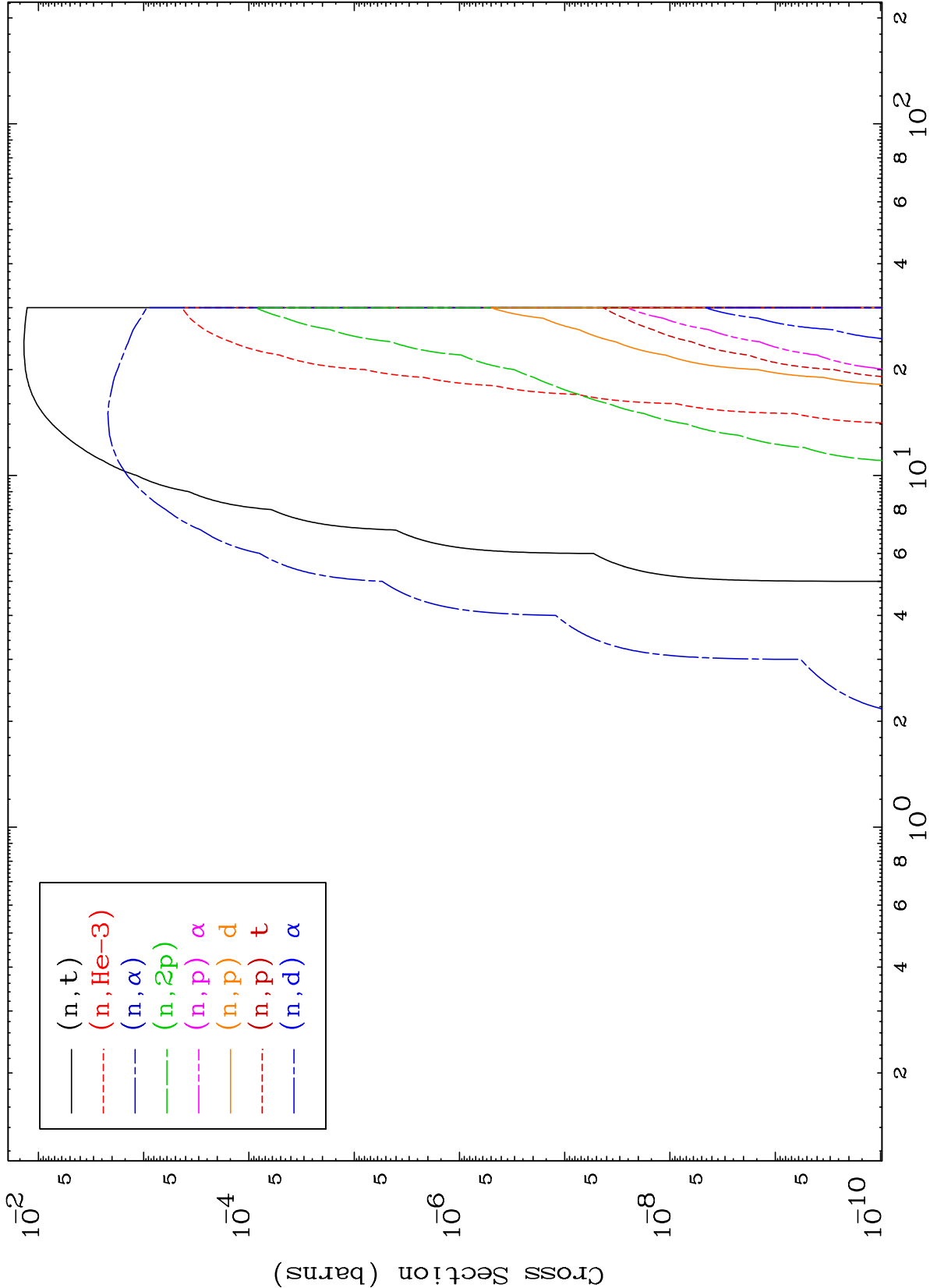
Press Mouse Button to Start

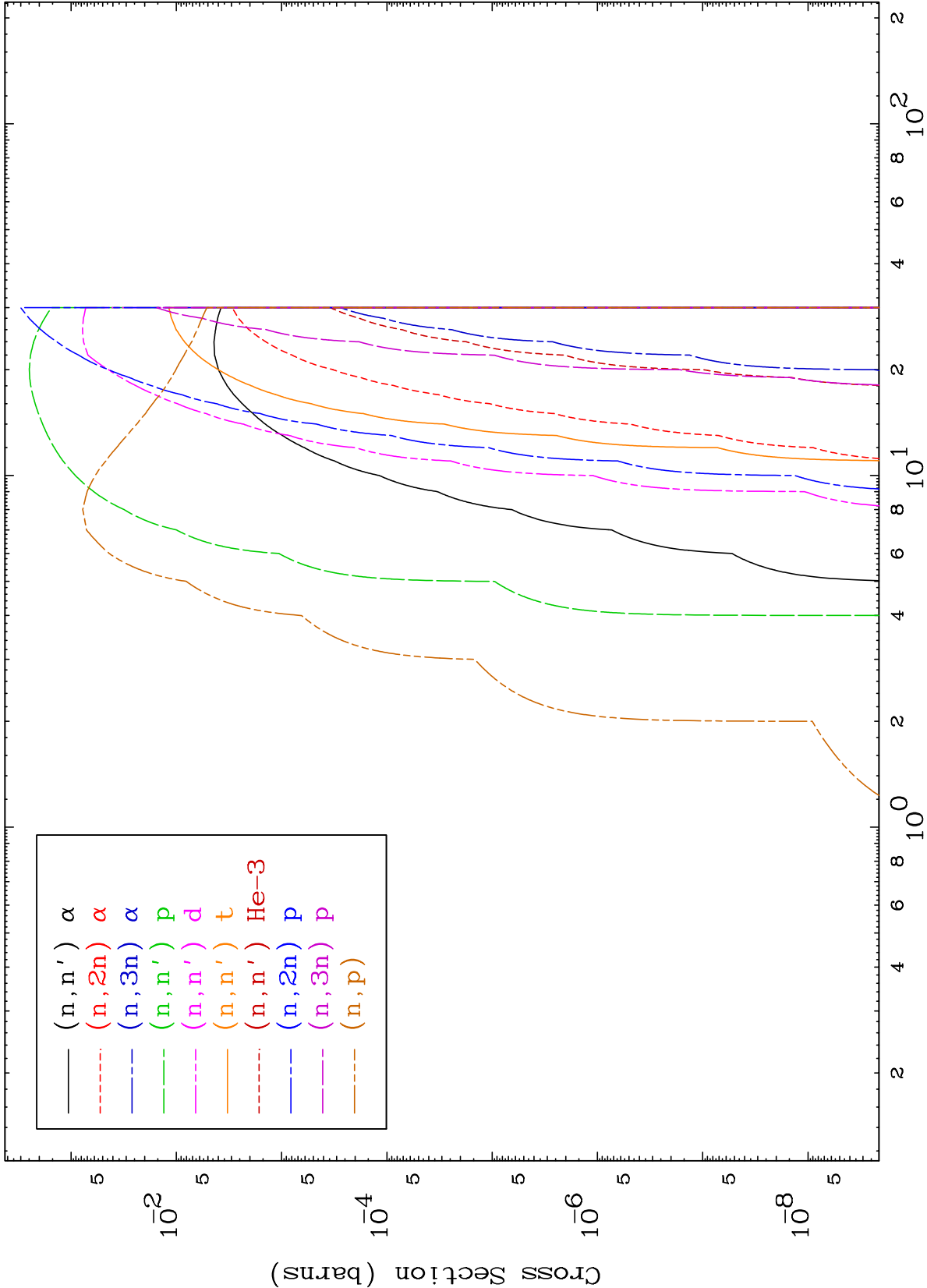
0 Kelvin Cross Sections

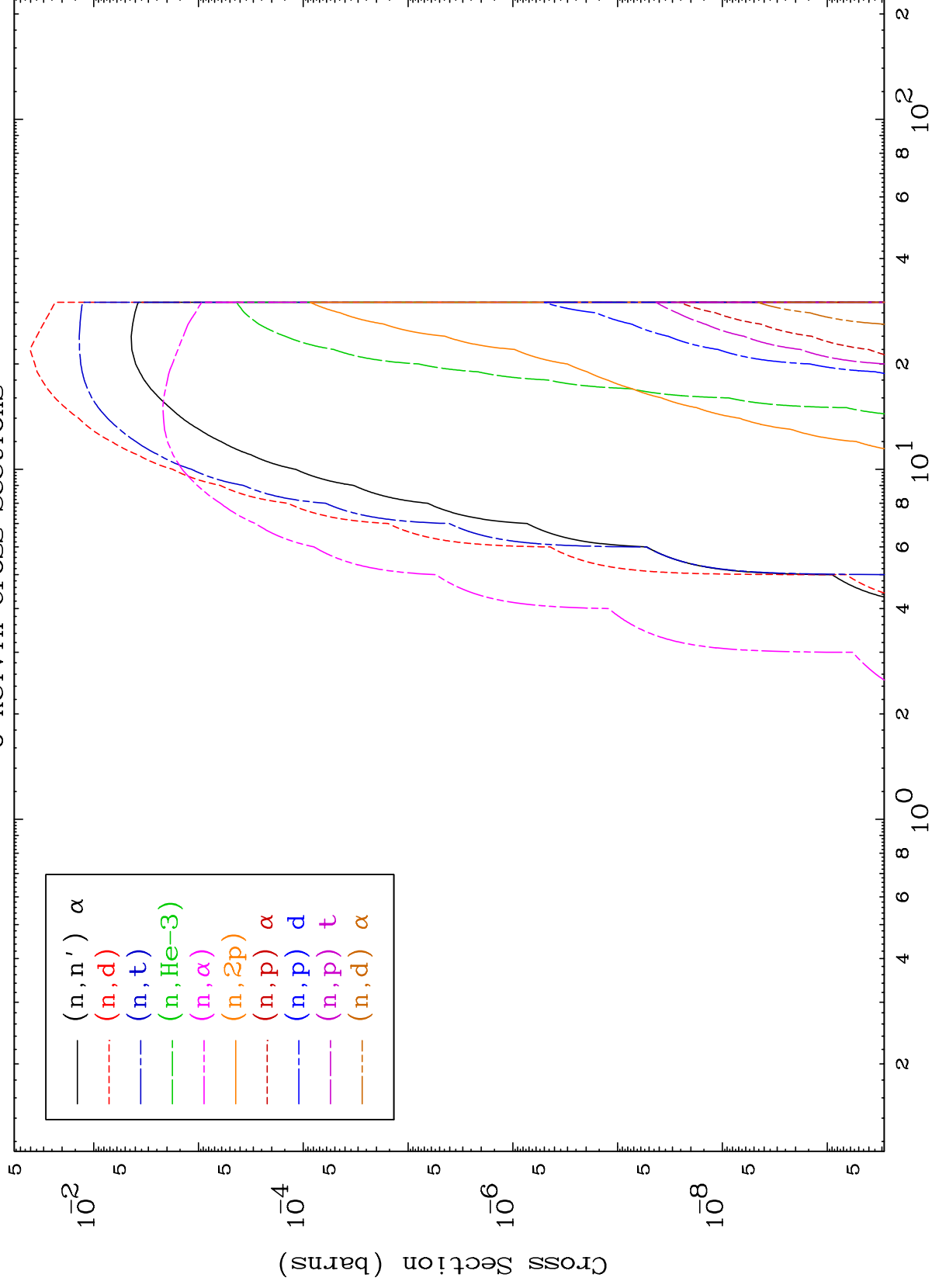








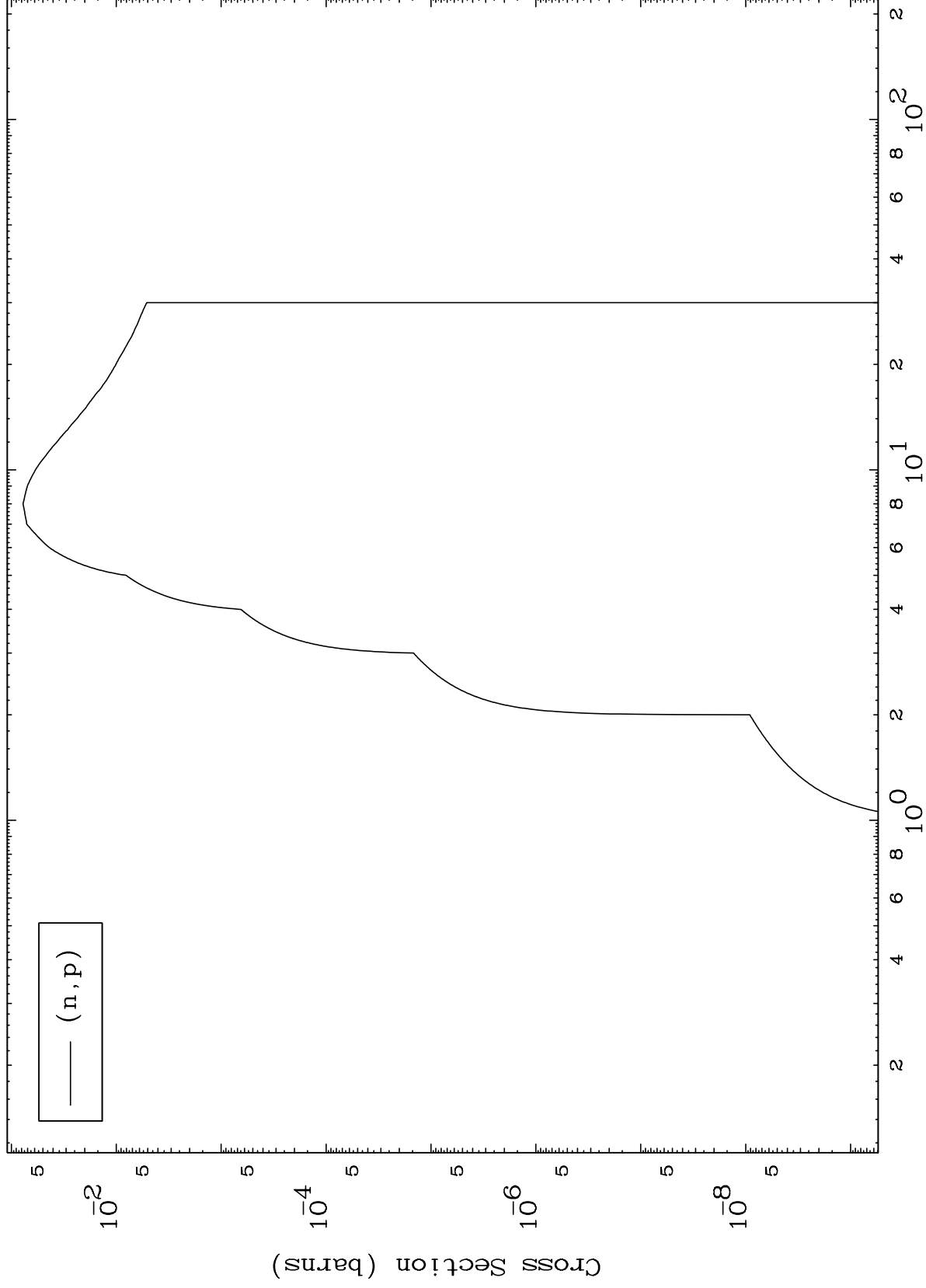




MAT 5153

51-Sb-130m

(d,p) Levels
0 Kelvin Cross Sections



51-Sb-130m

Incident Energy (MeV)

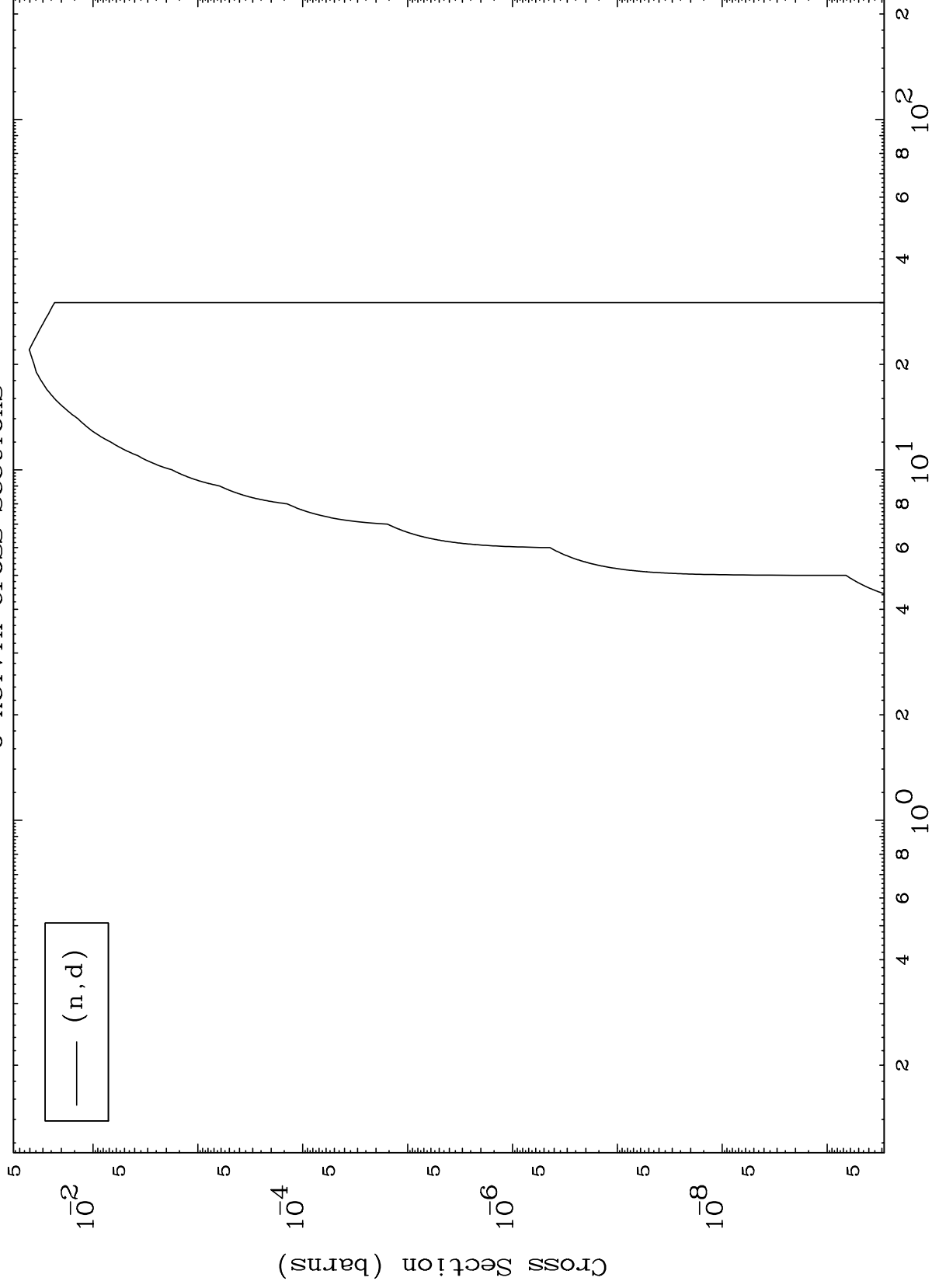
7

MAT 5153

(d,d) Levels

51-Sb-130m

0 Kelvin Cross Sections



— (n,d)

Incident Energy (MeV)

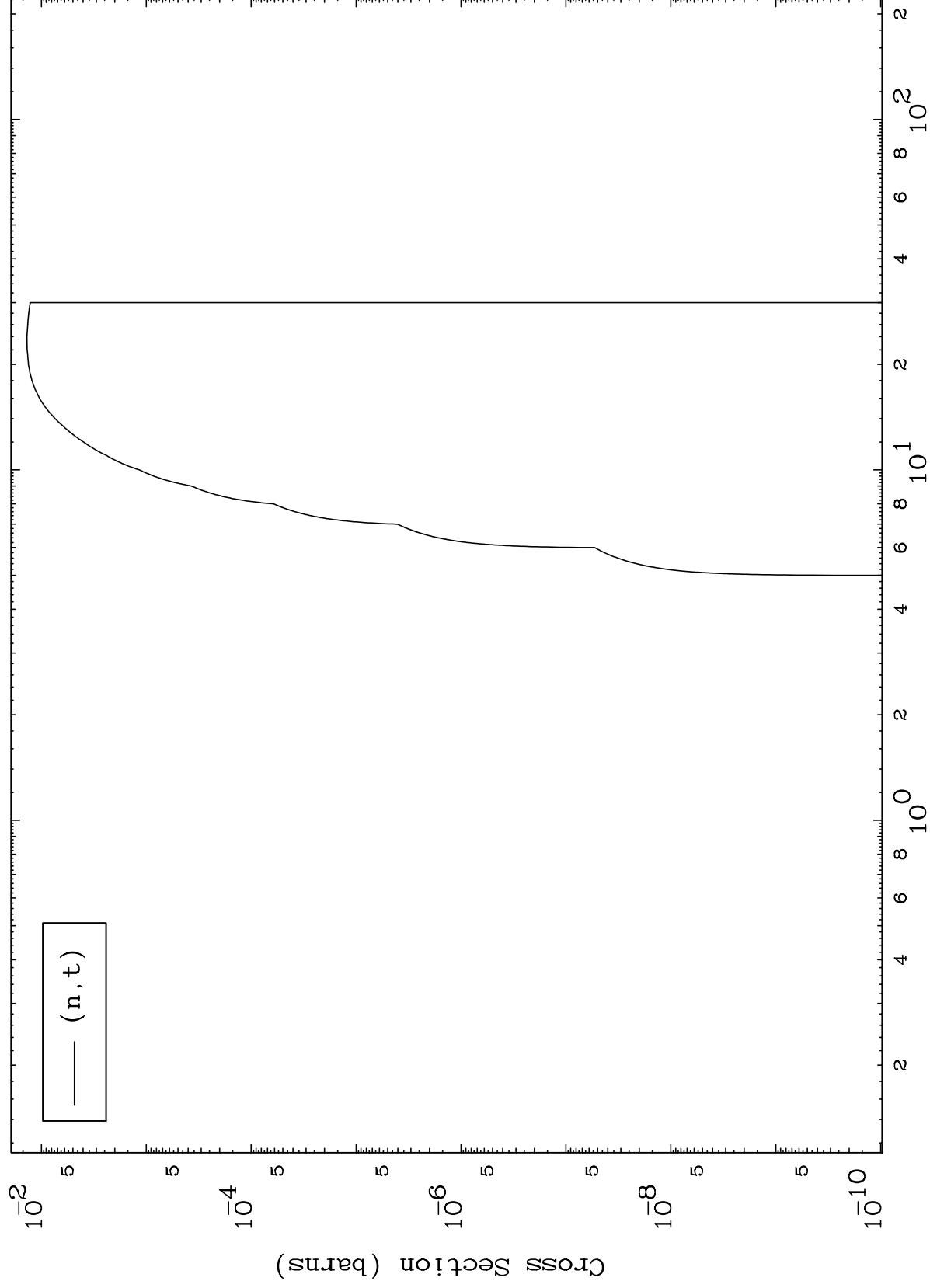
51-Sb-130m

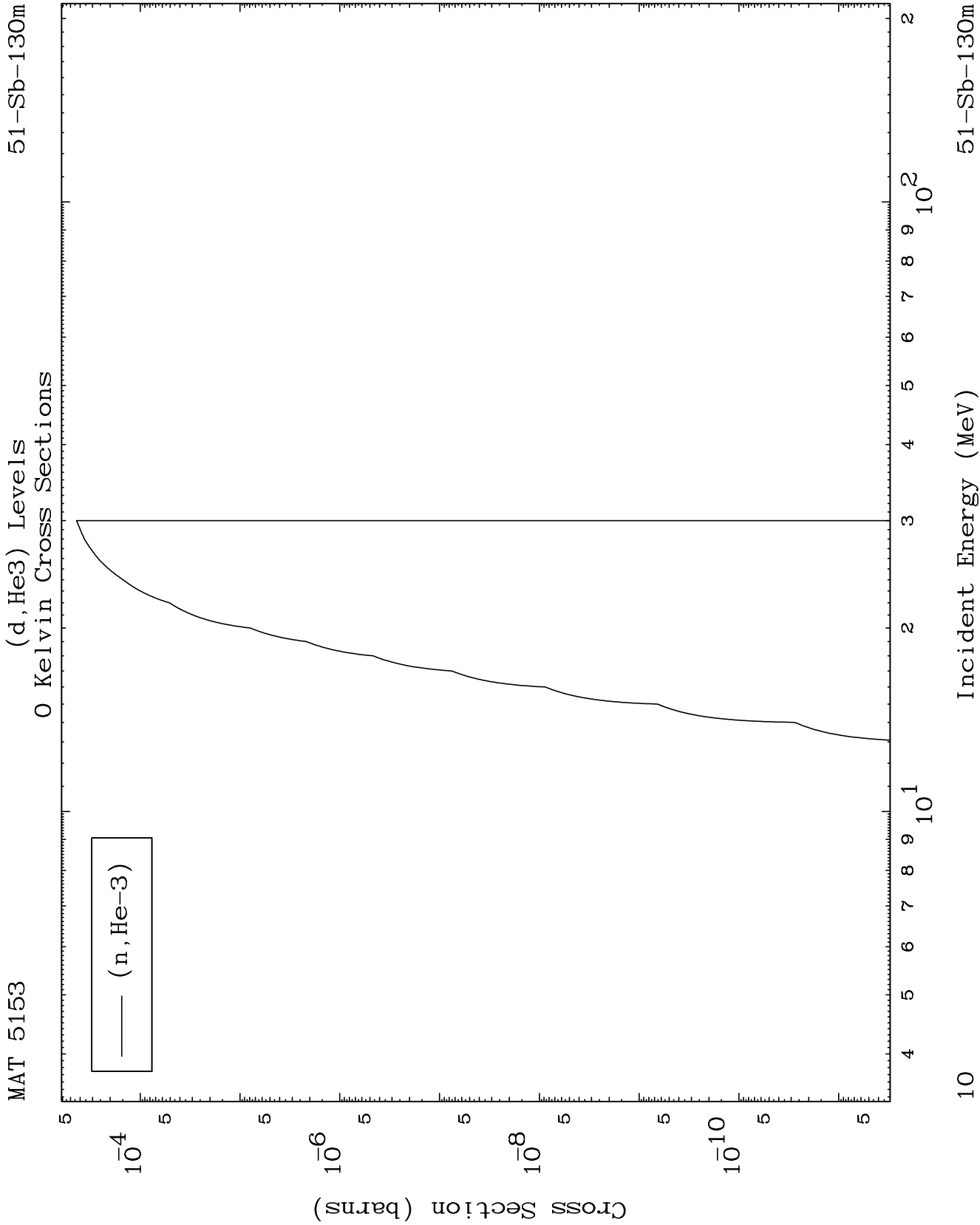
8

MAT 5153

51-Sb-130m

(d,t) Levels
0 Kelvin Cross Sections

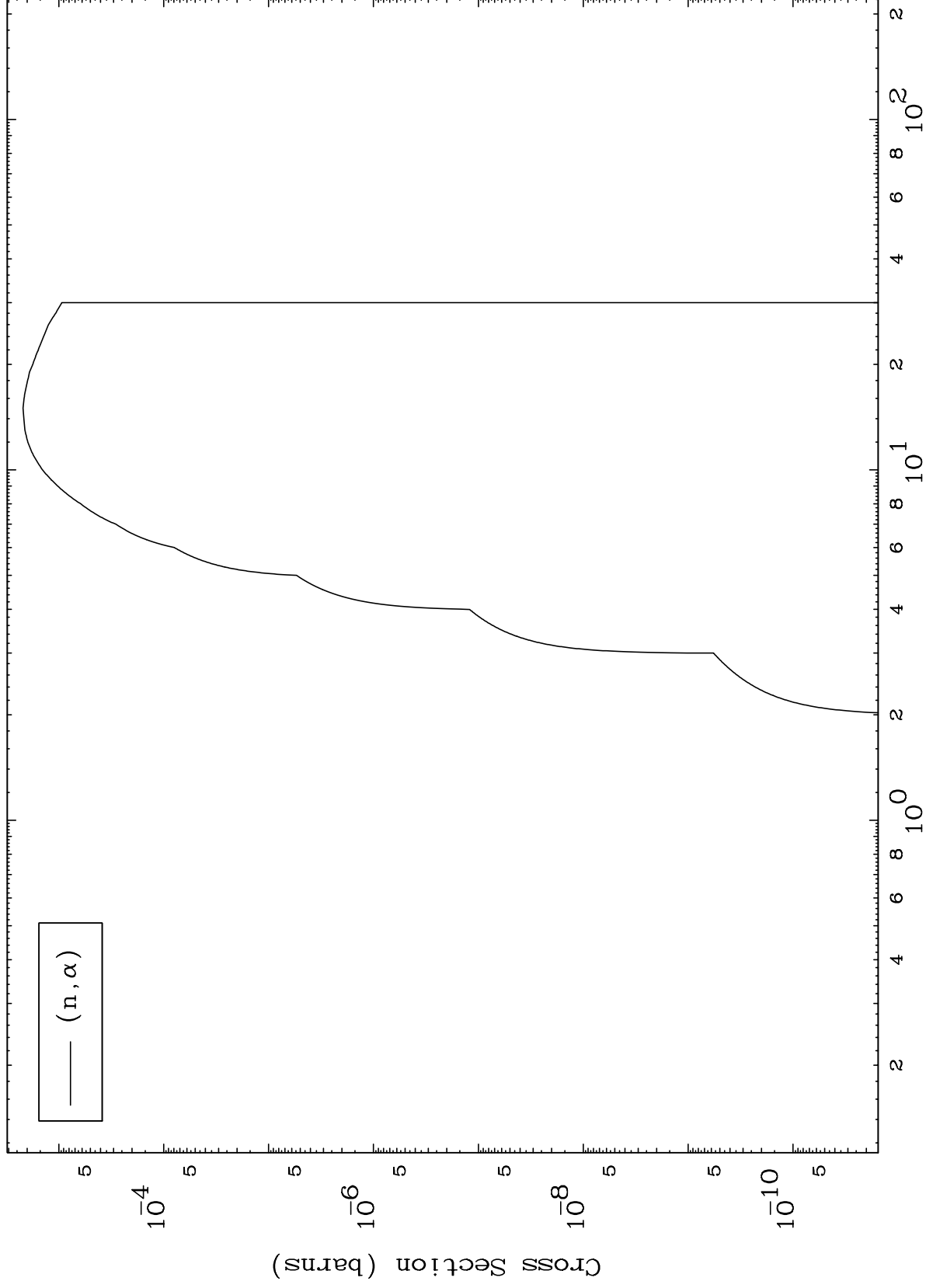




MAT 5153

51-Sb-130m

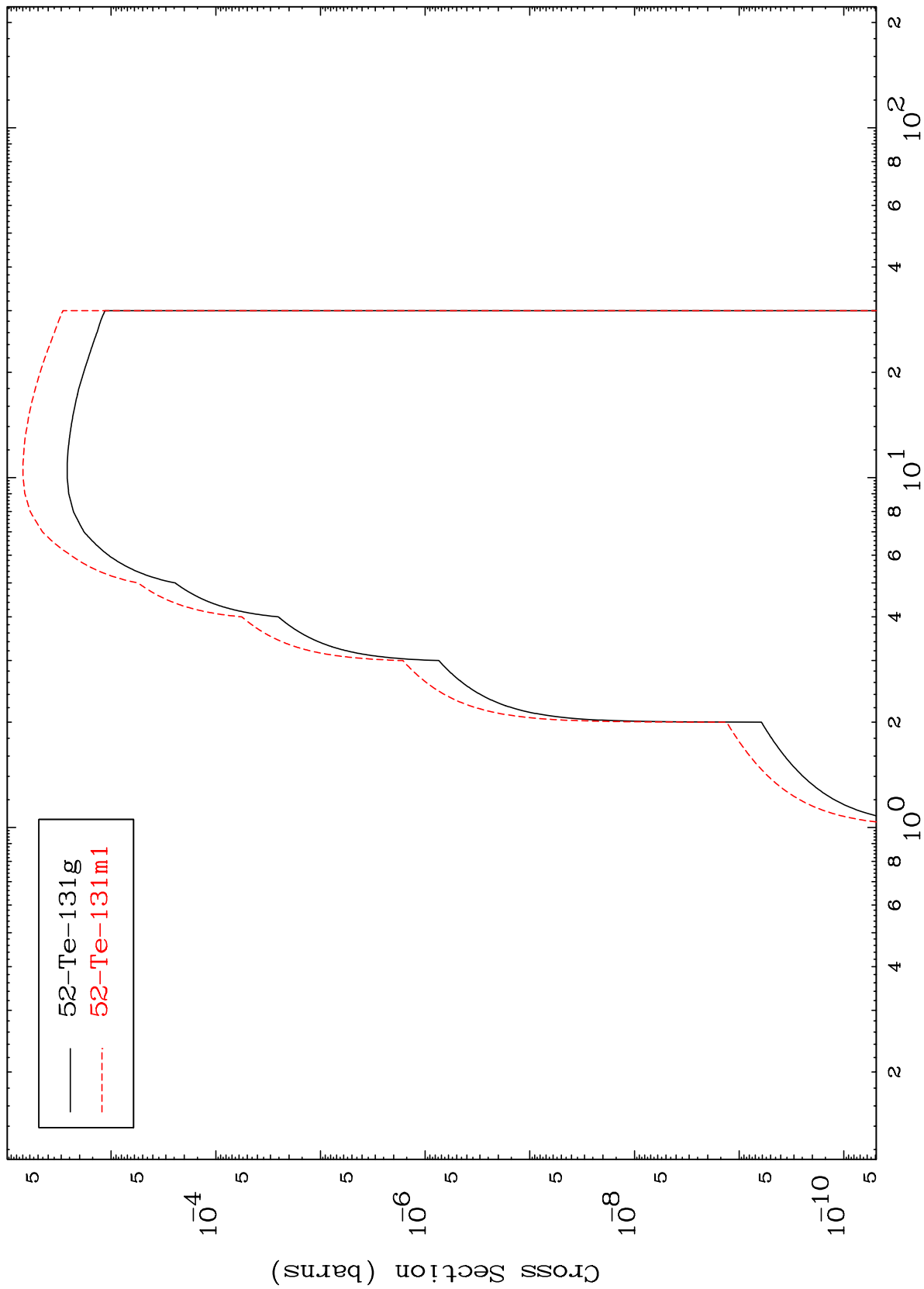
(d, α) Levels
0 Kelvin Cross Sections



MAT 5153

51-Sb-130m

Inelastic
Radionuclide Production Cross Section

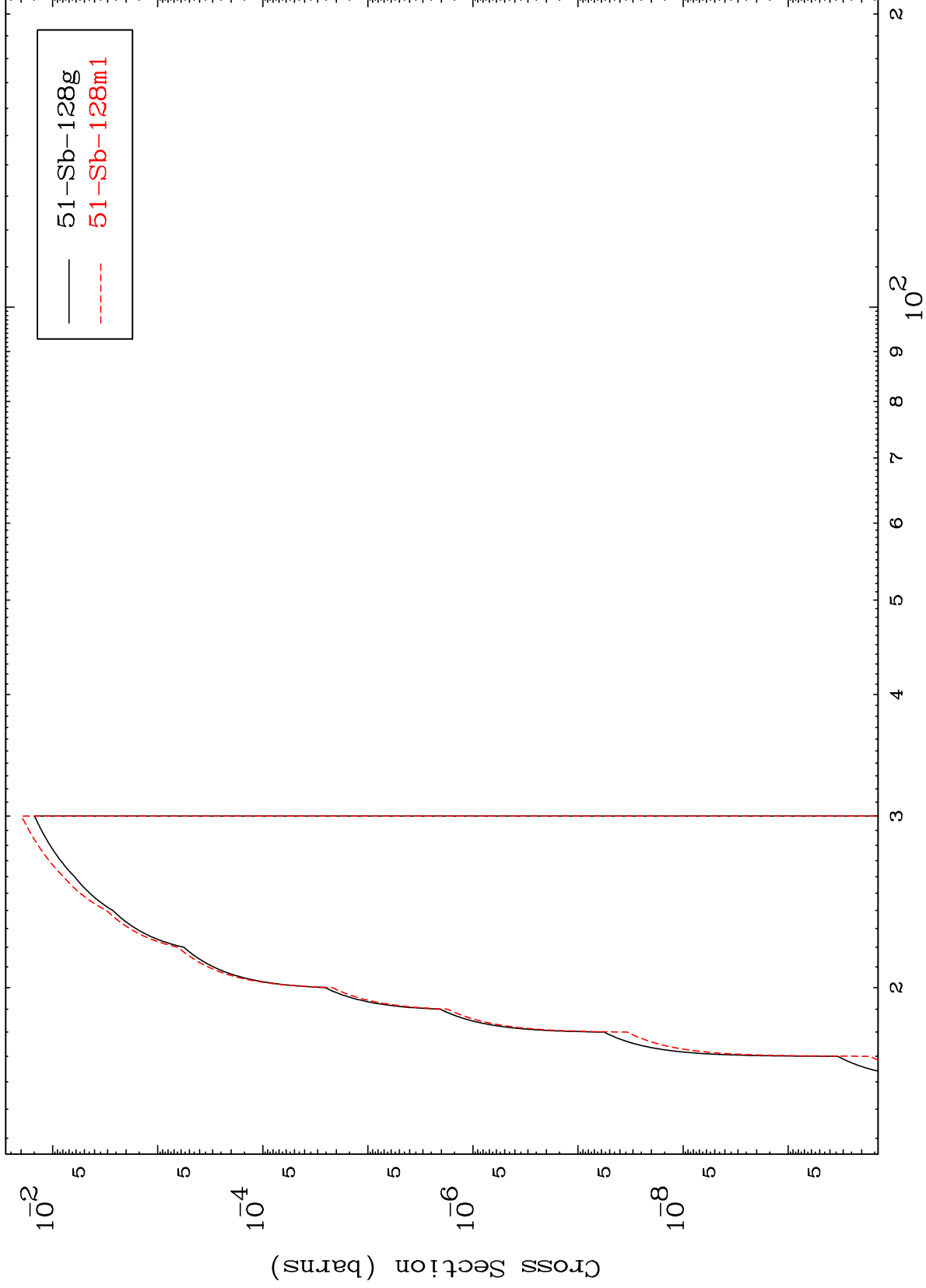


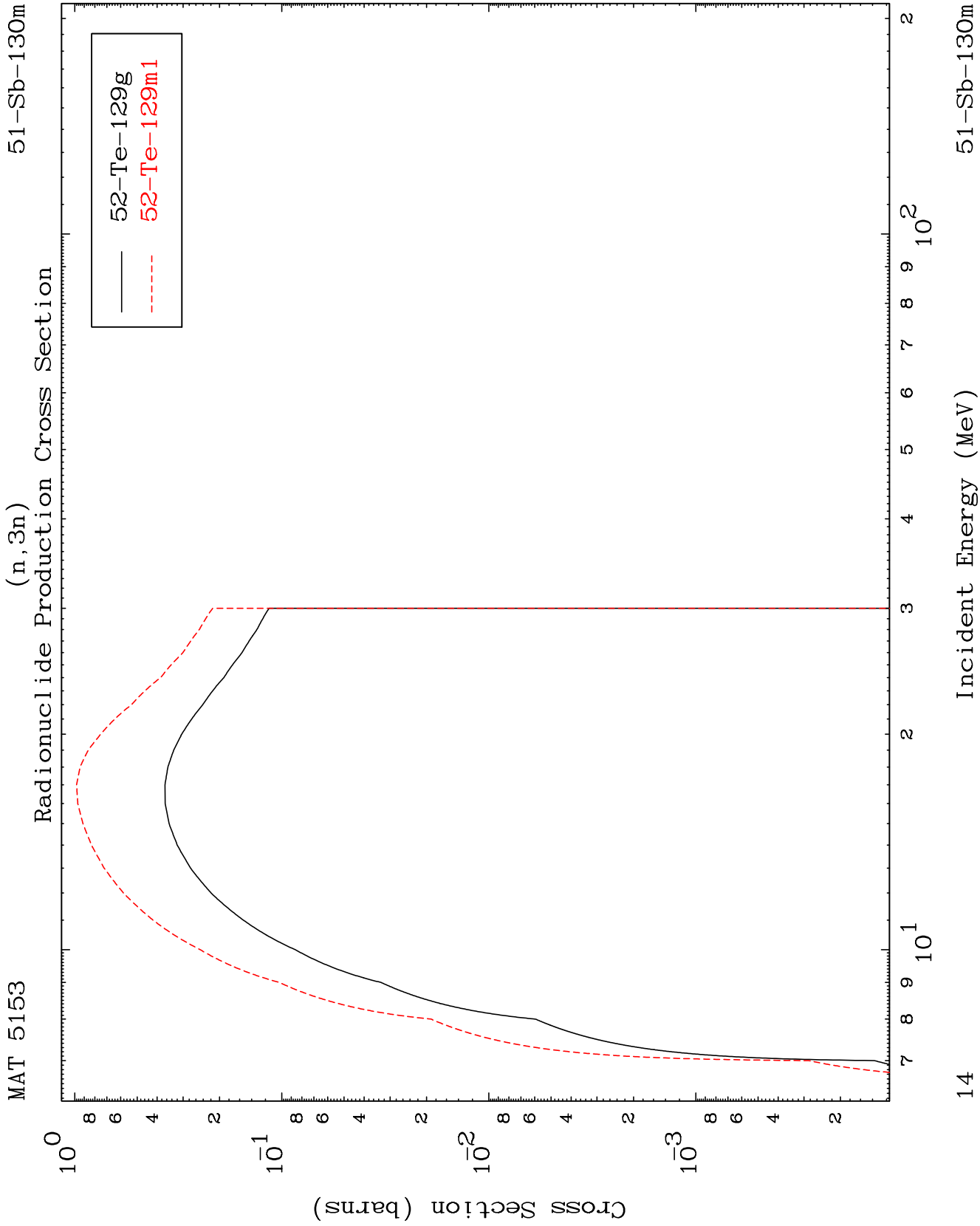
12

Incident Energy (MeV)

51-Sb-130m

(n,2n) d
Radionuclide Production Cross Section

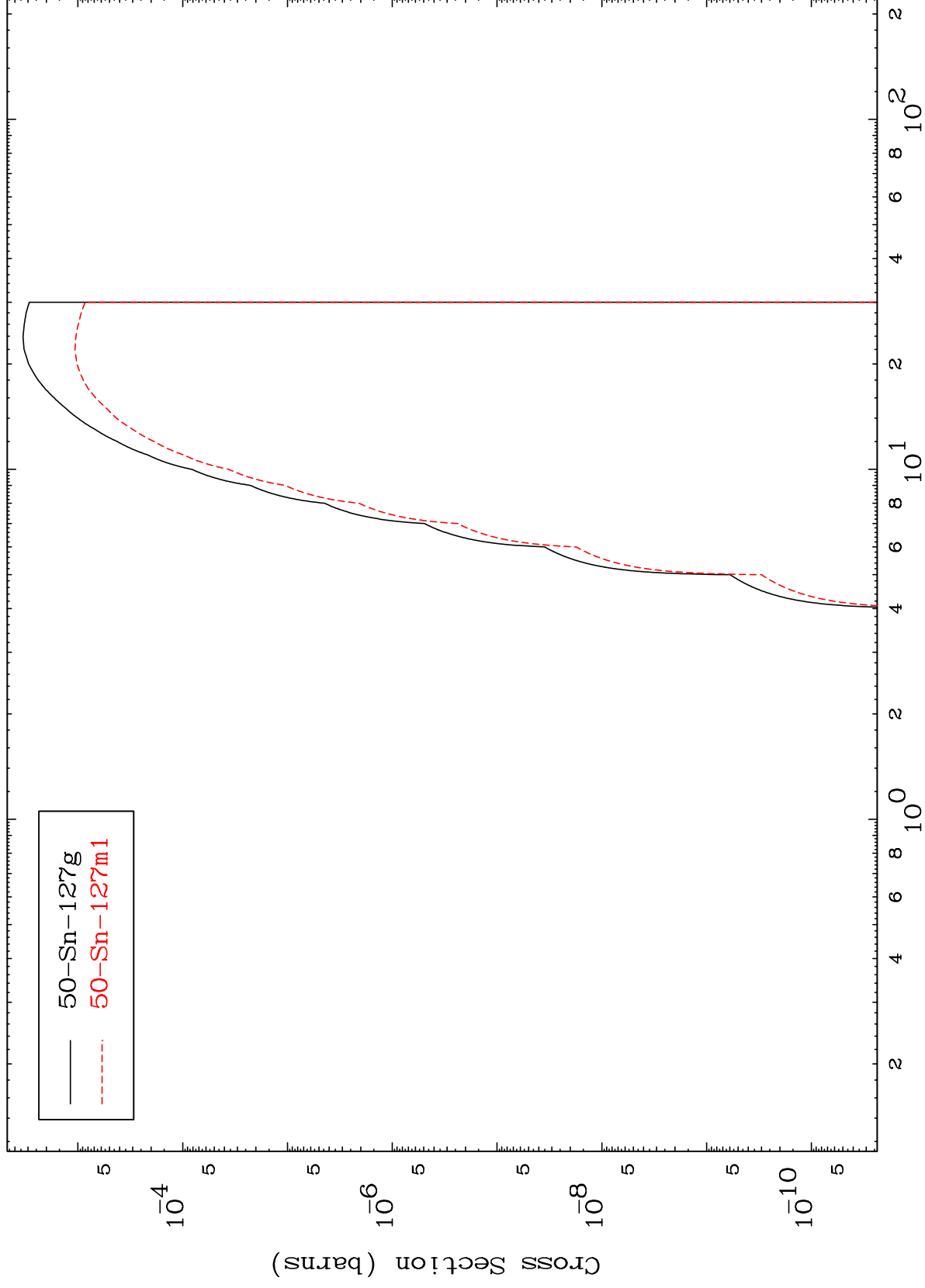




MAT 5153

51-Sb-130m

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



15

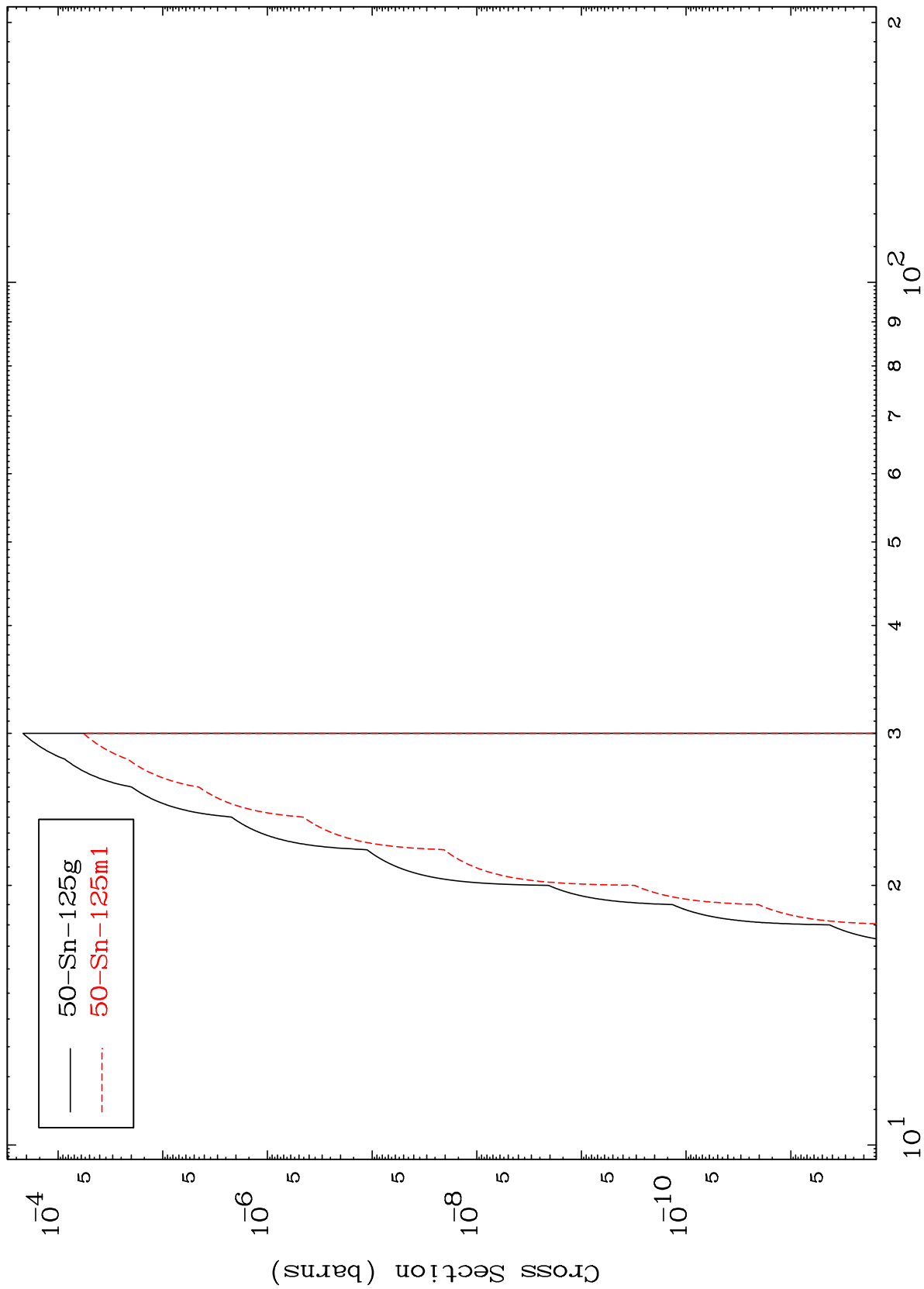
Incident Energy (MeV)

51-Sb-130m

MAT 5153

51-Sb-130m

Radionuclide Production Cross Section
(n,3n) α



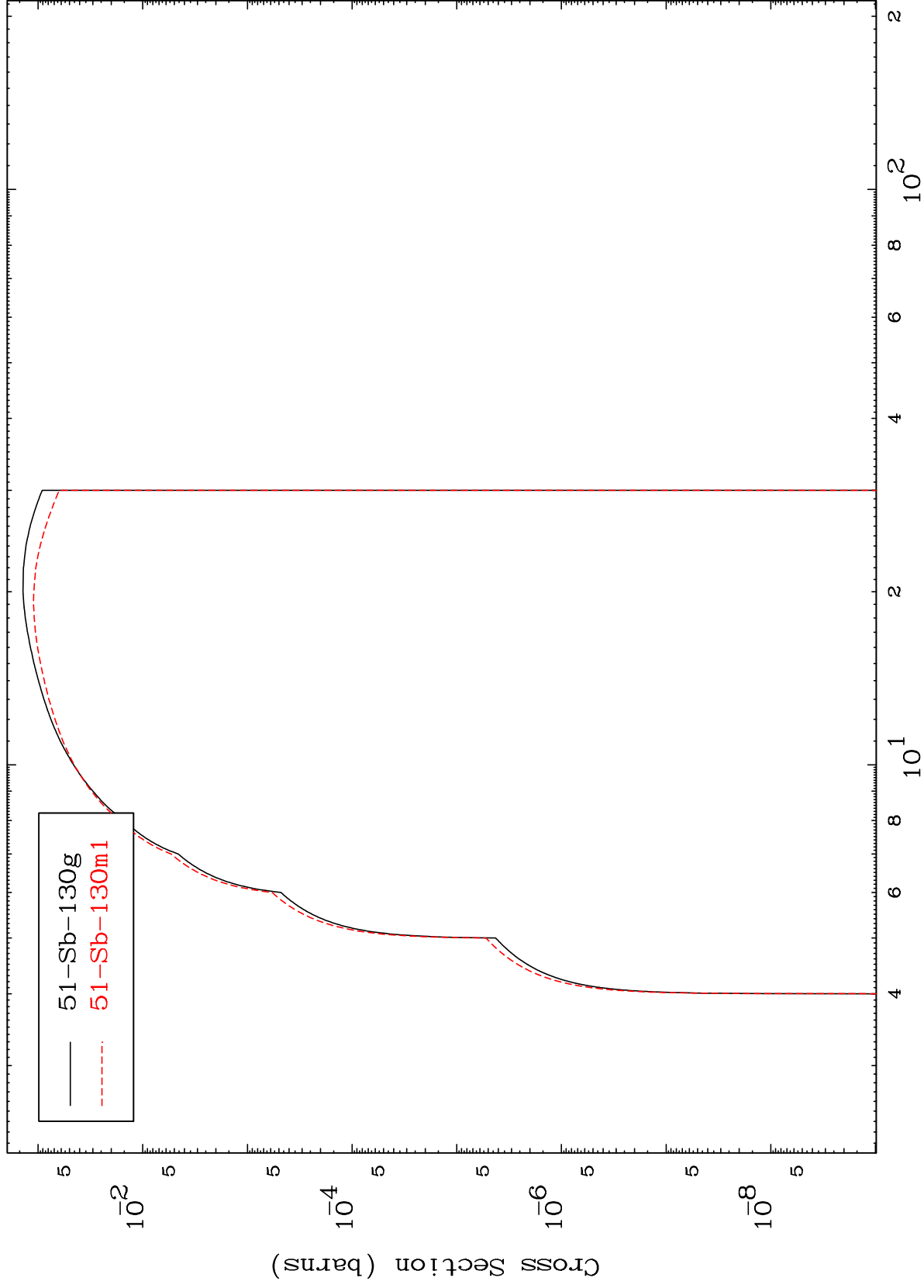
51-Sb-130m

Incident Energy (MeV)

MAT 5153

51-Sb-130m

(n,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

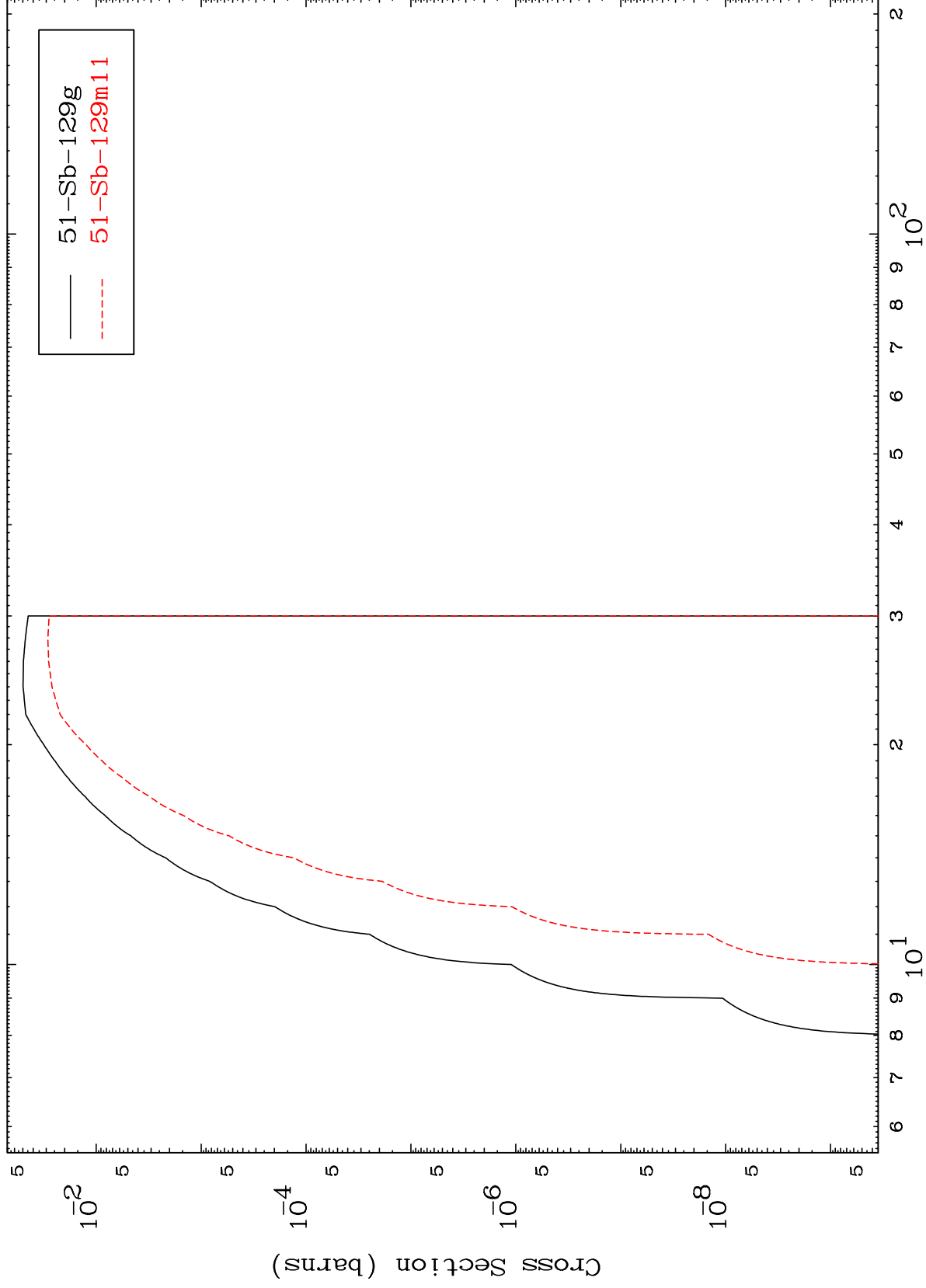
51-Sb-130m

MAT 5153

51-Sb-130m

(n,n') d

Radionuclide Production Cross Section



51-Sb-130m

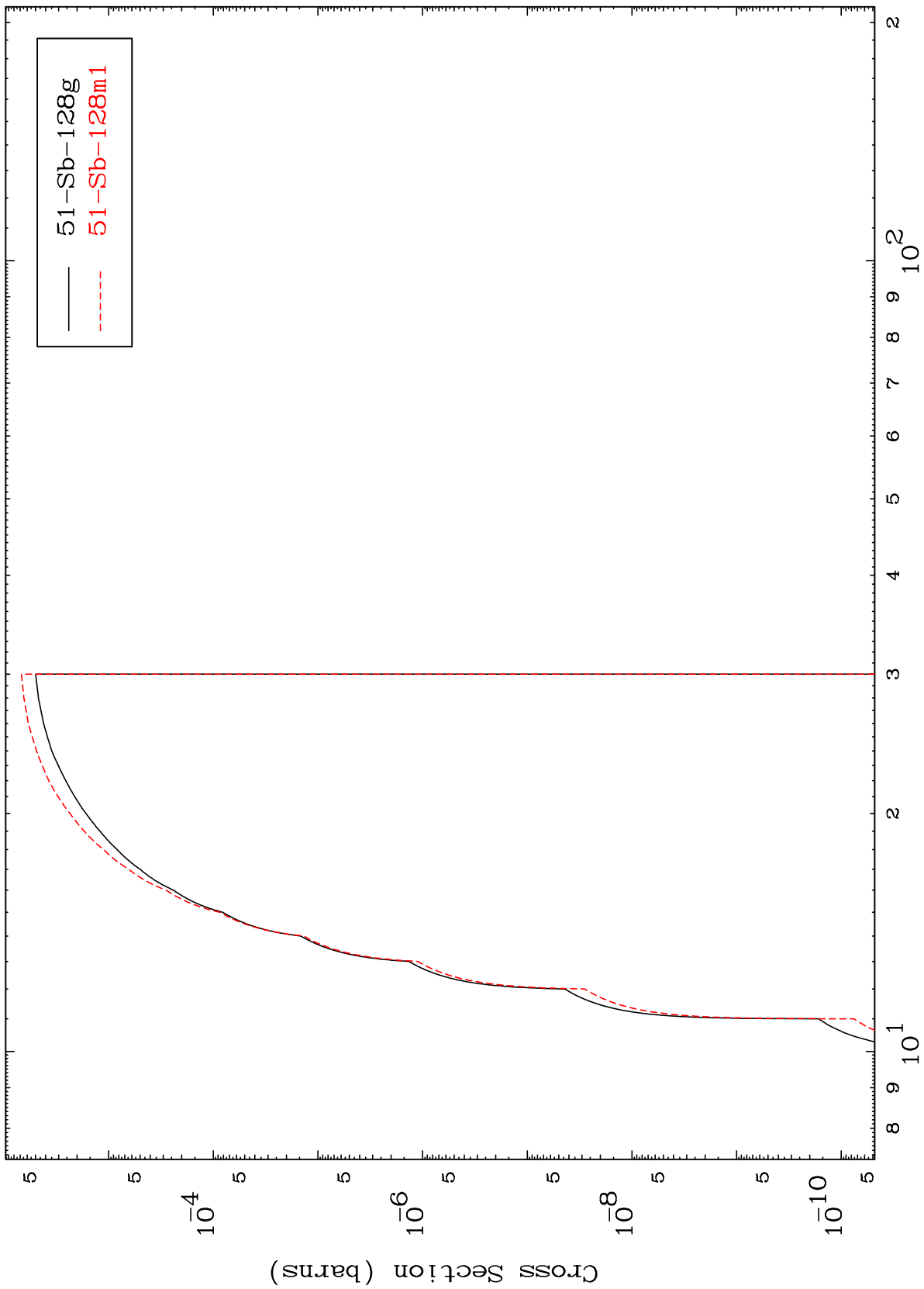
Incident Energy (MeV)

18

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51-Sb-130m

(n,n') t
Radionuclide Production Cross Section



19

Incident Energy (MeV)

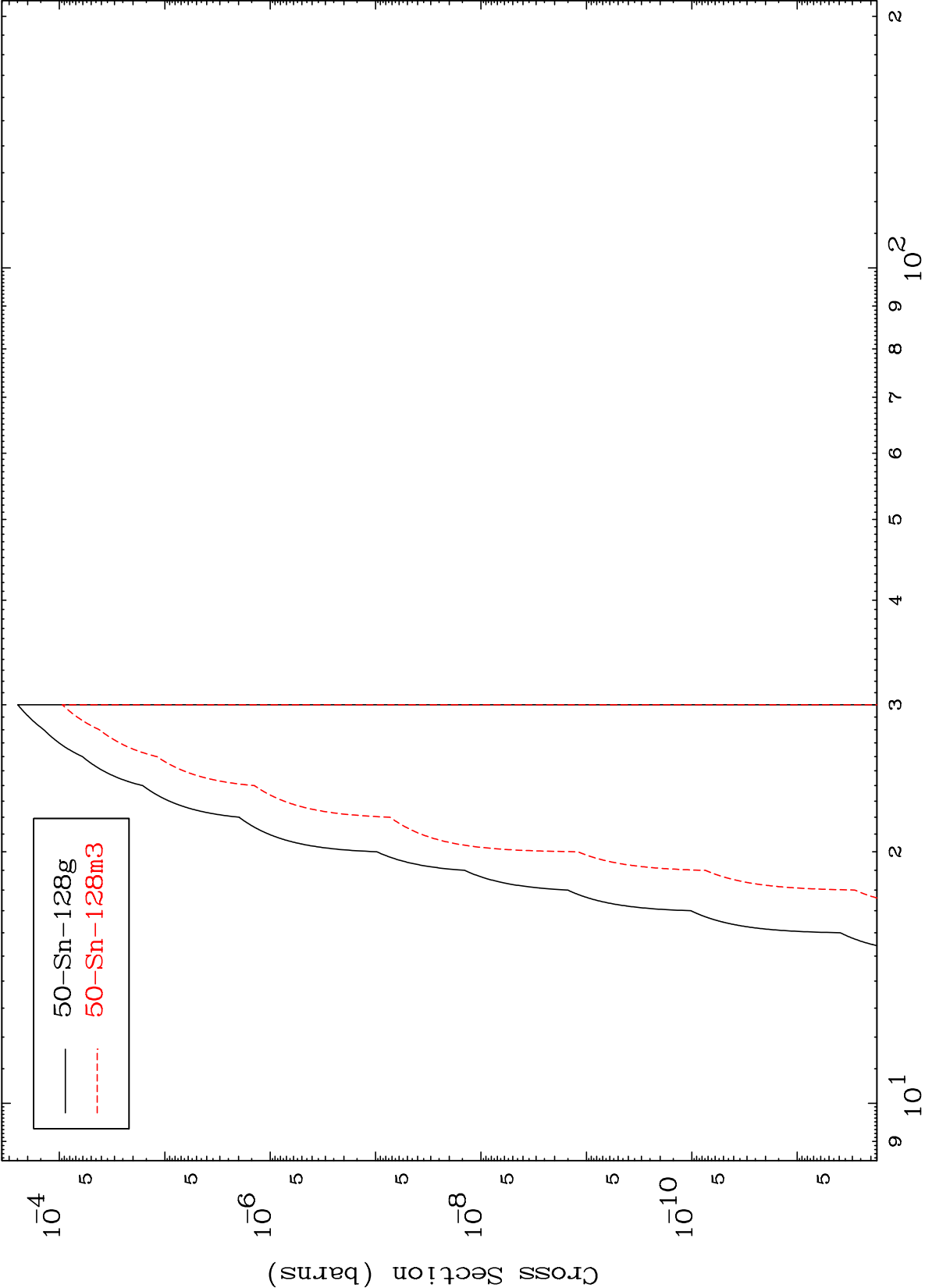
51-Sb-130m

MAT 5153

(n,n') He-3

51-Sb-130m

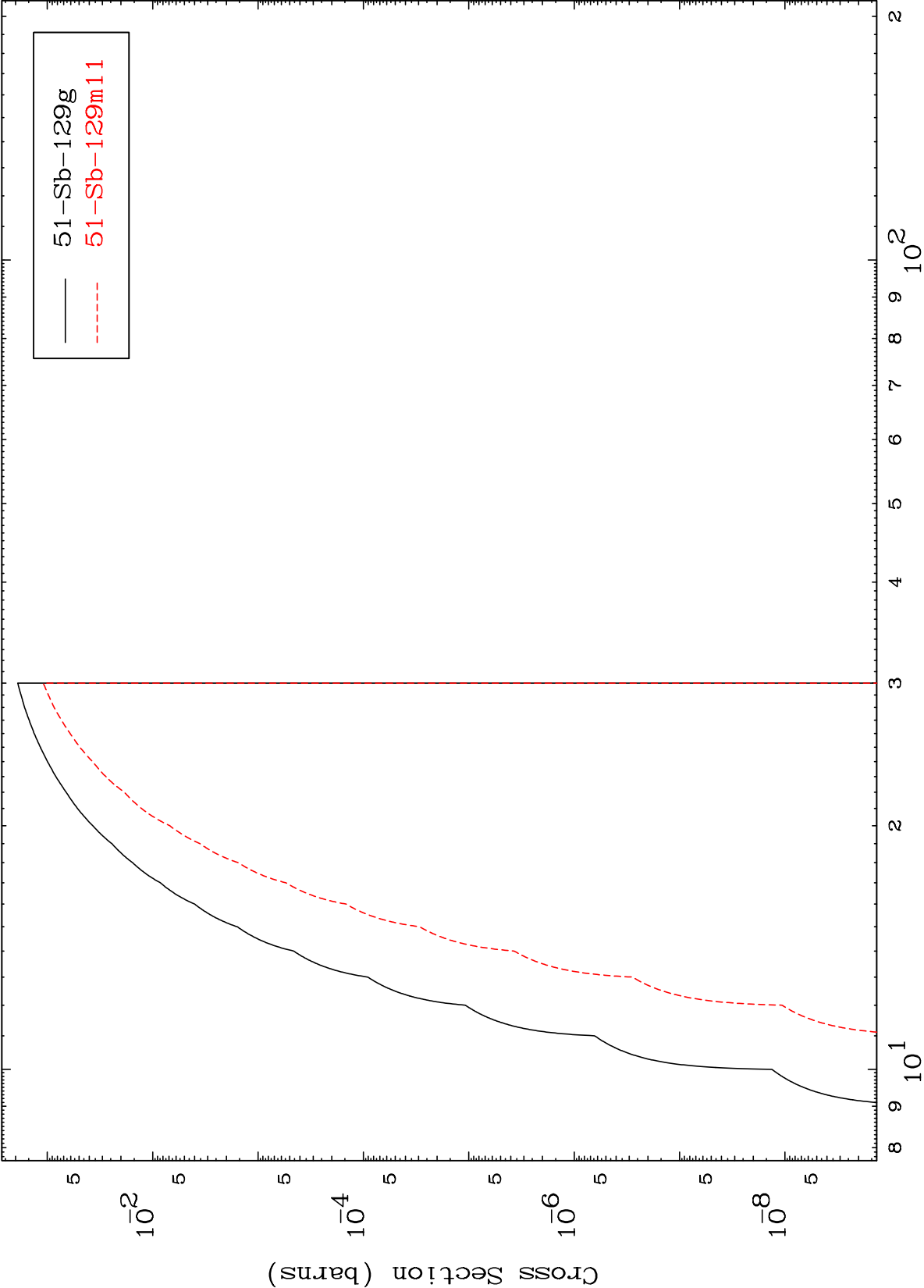
Radionuclide Production Cross Section

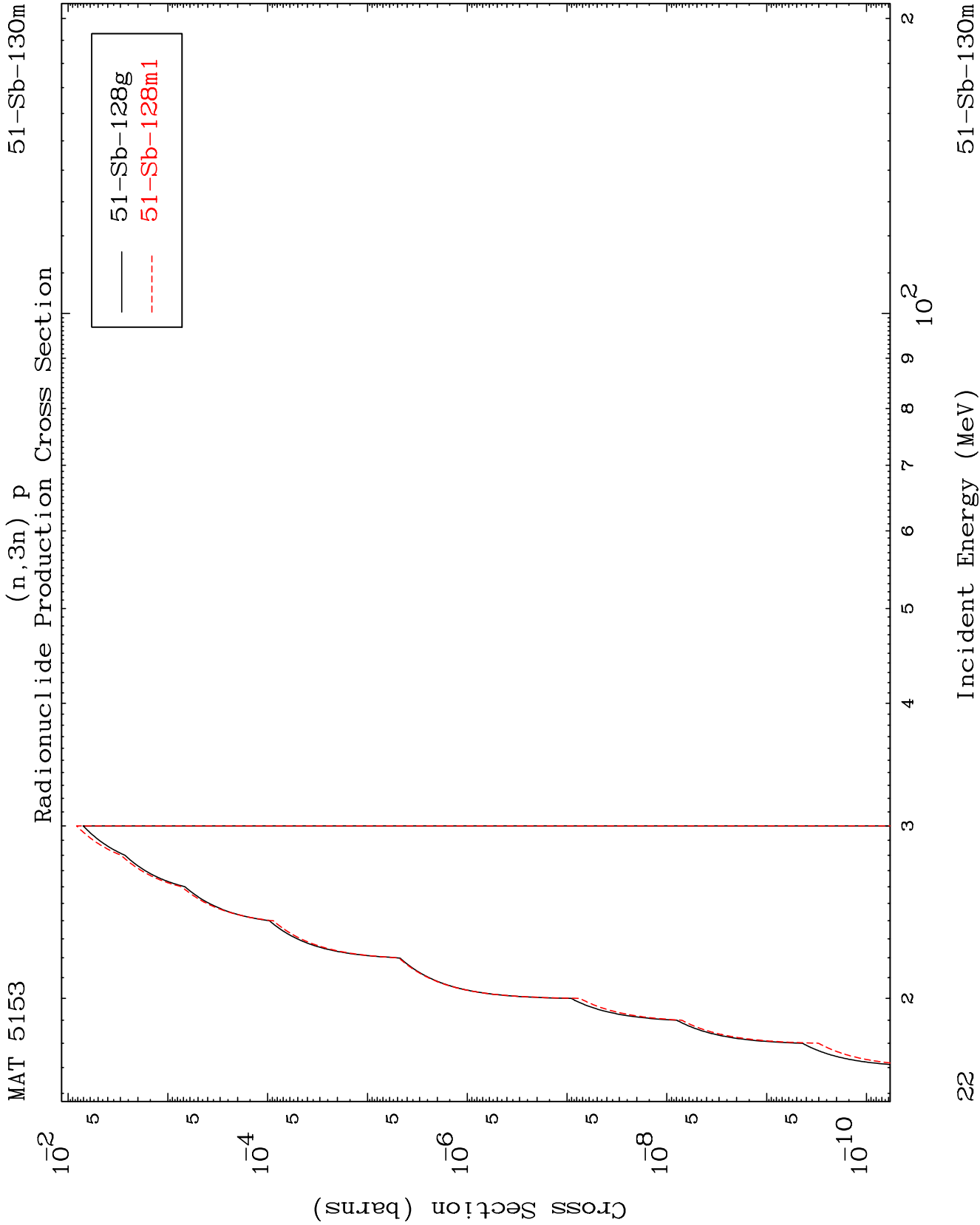


Incident Energy (MeV)

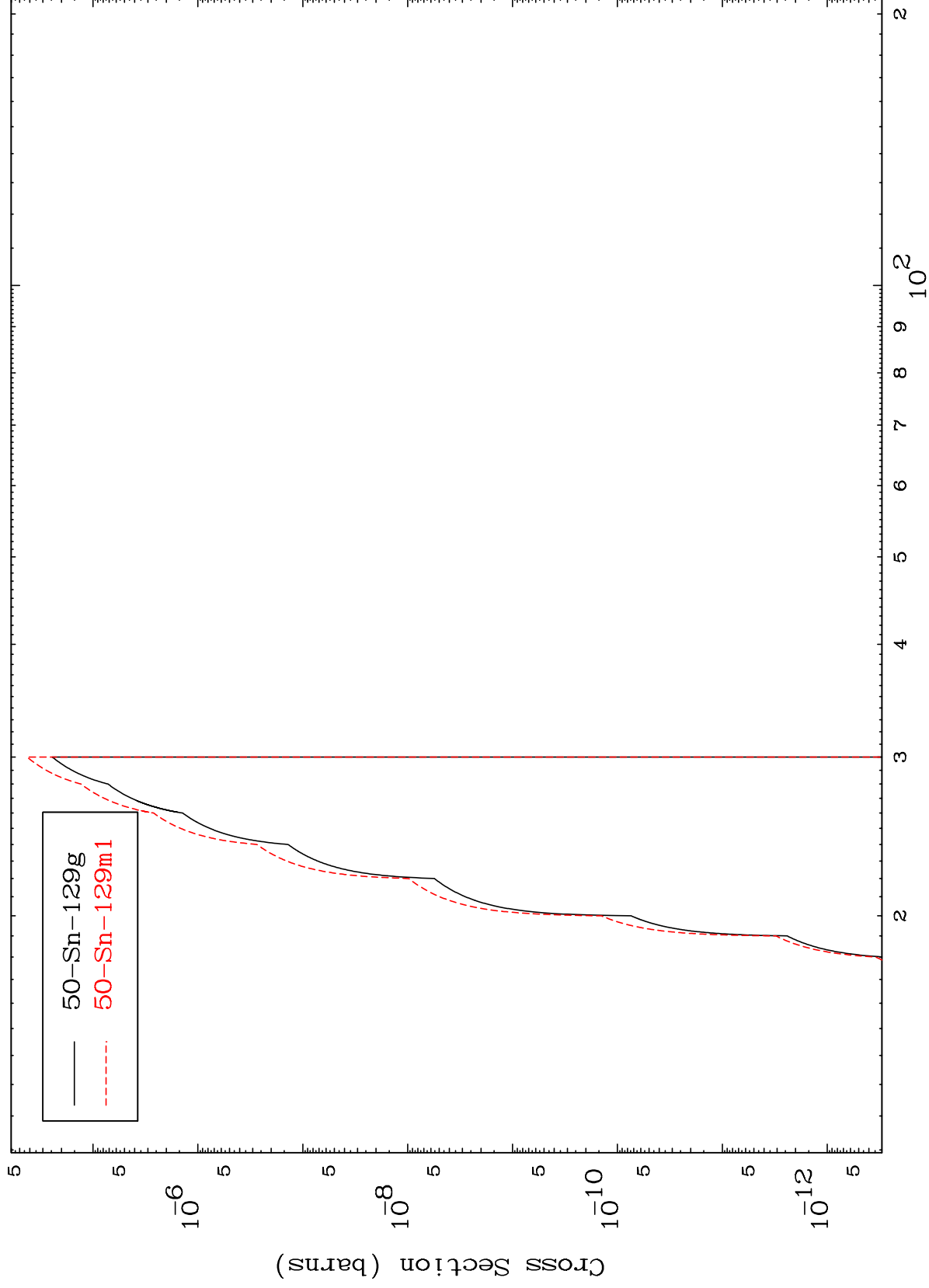
51-Sb-130m

(n,2n) p
Radionuclide Production Cross Section





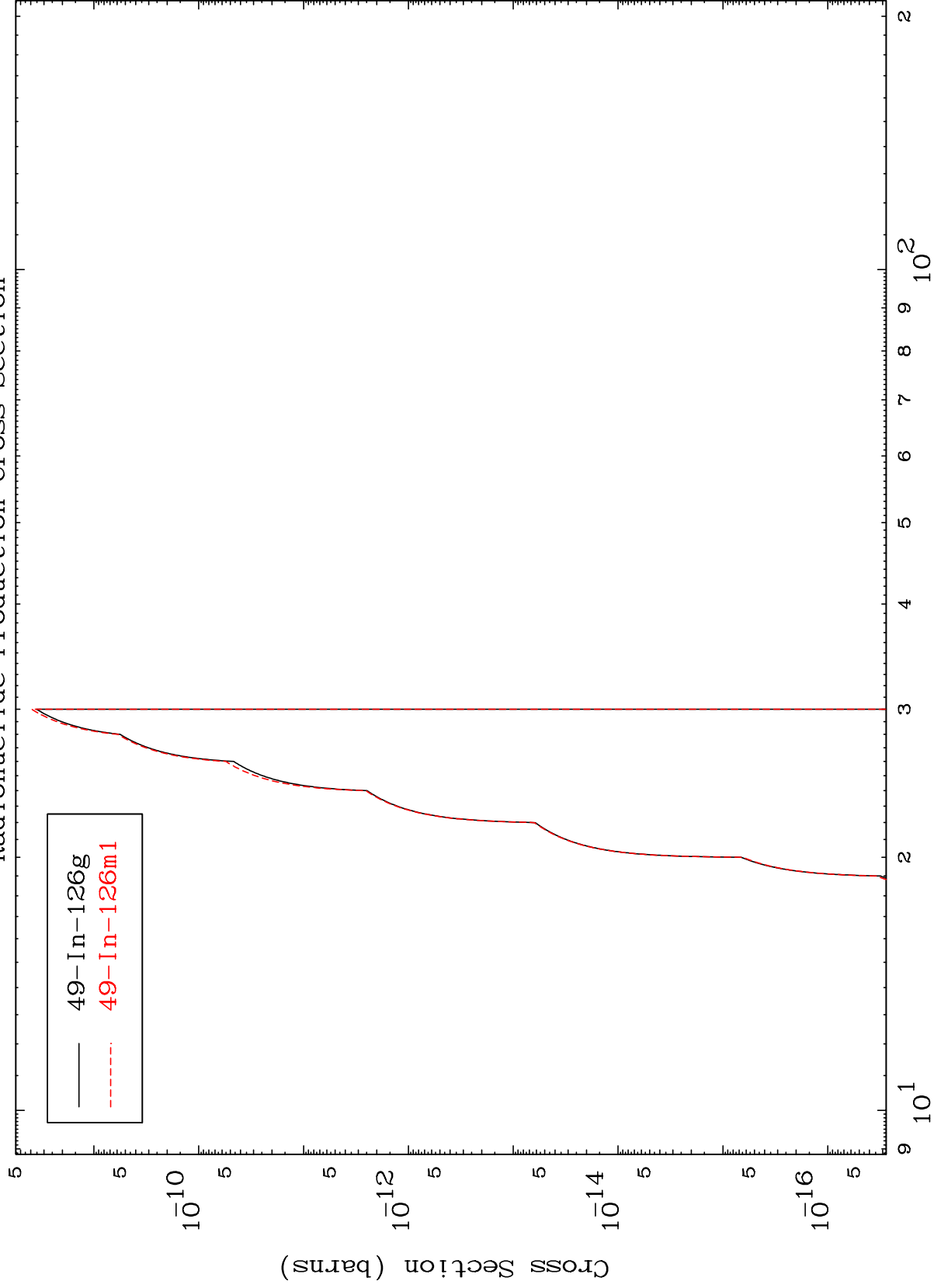
Radionuclide Production Cross Section



MAT 5153

51-Sb-130m

(n,n') p α
Radionuclide Production Cross Section

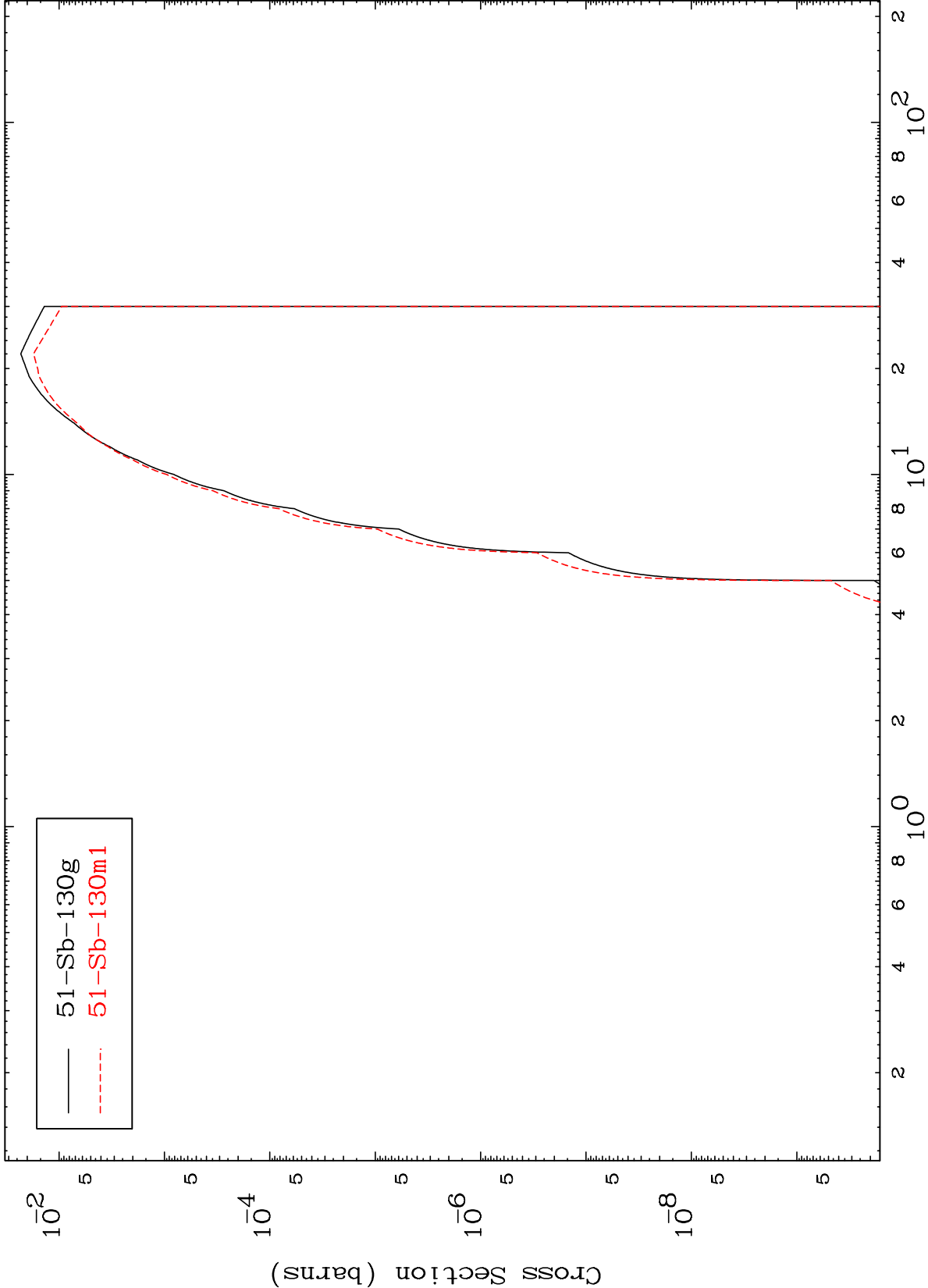


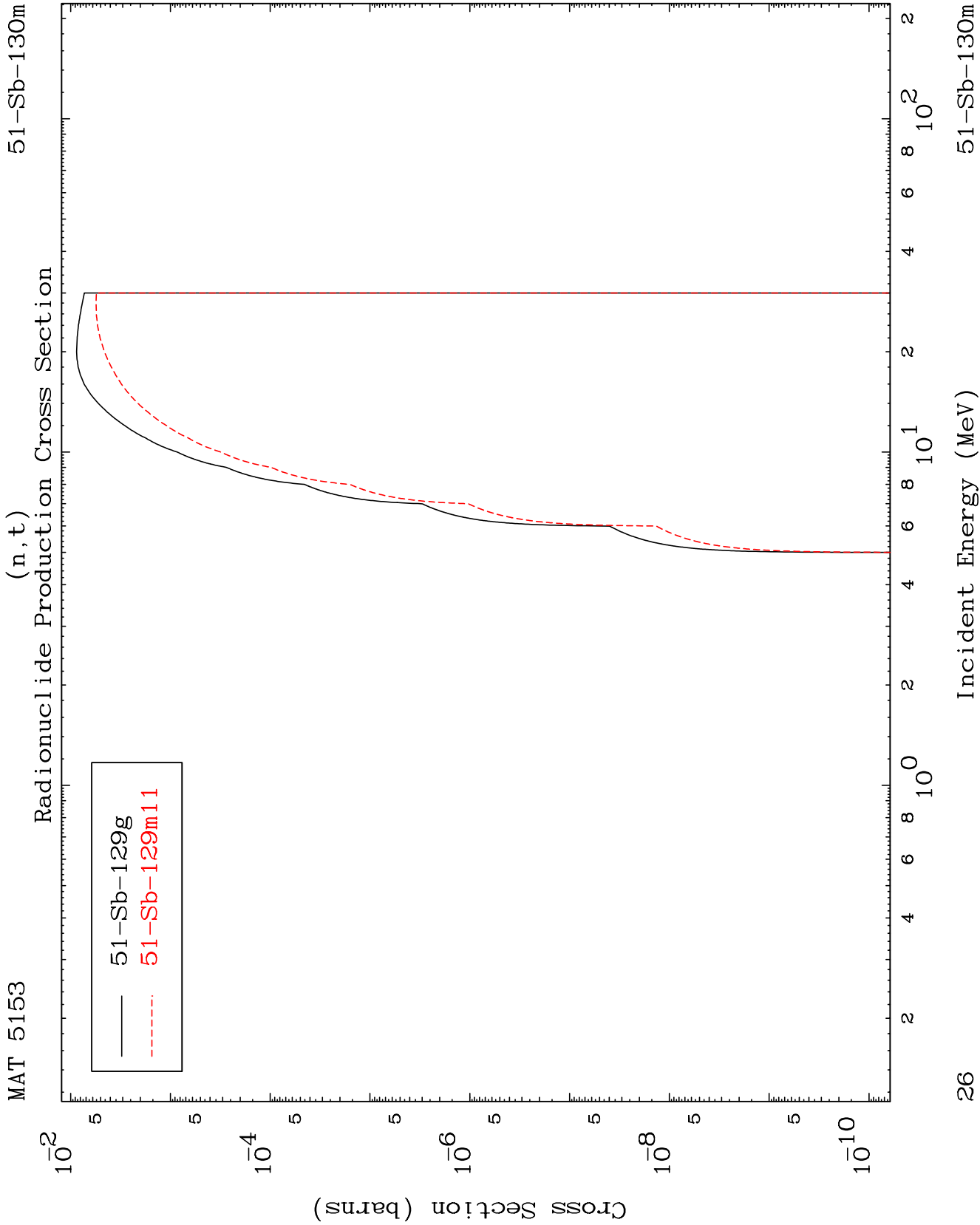
51-Sb-130m

Incident Energy (MeV)

24

(n,d)
Radionuclide Production Cross Section

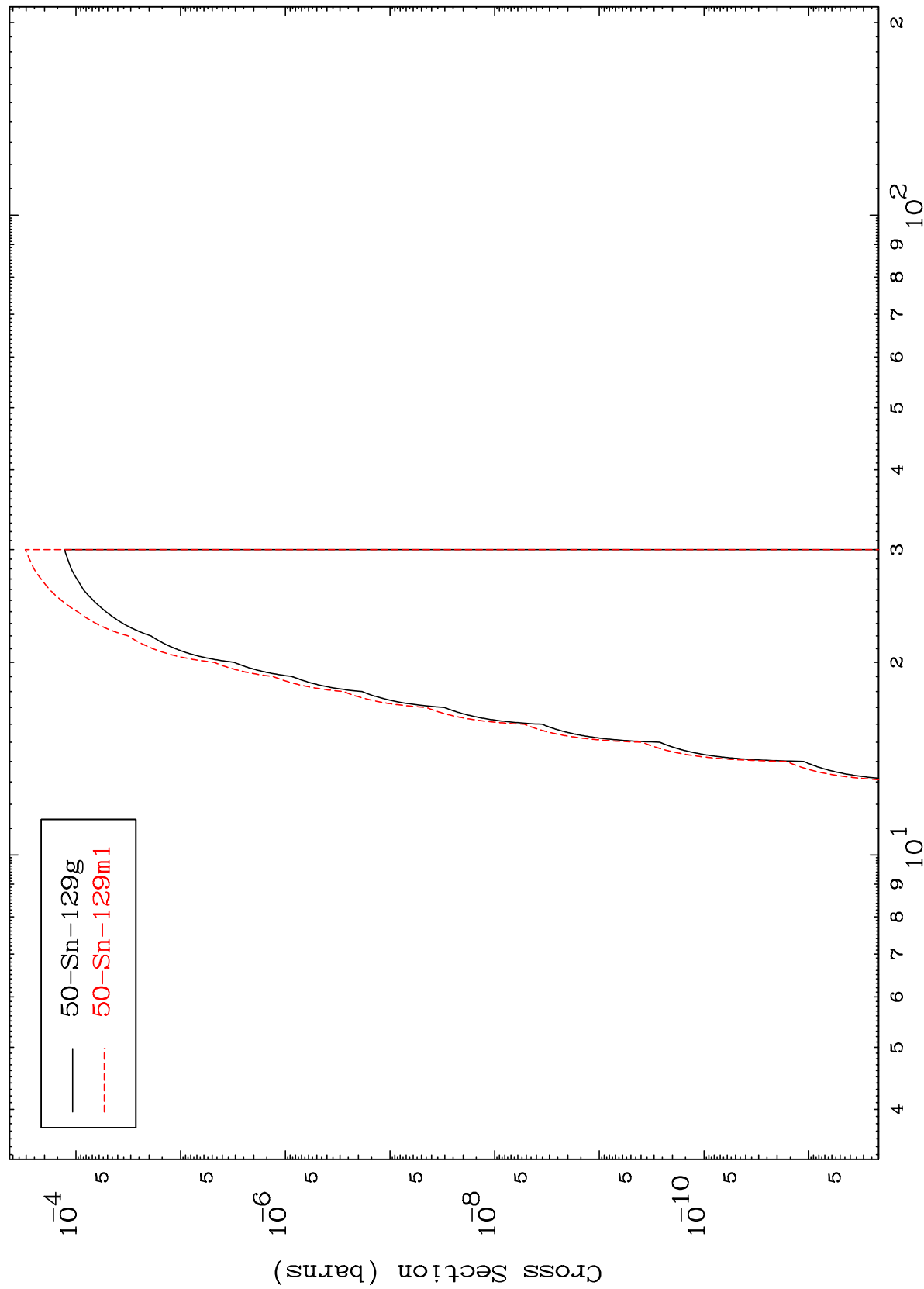




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51-Sb-130m

(n,He-3)
Radionuclide Production Cross Section



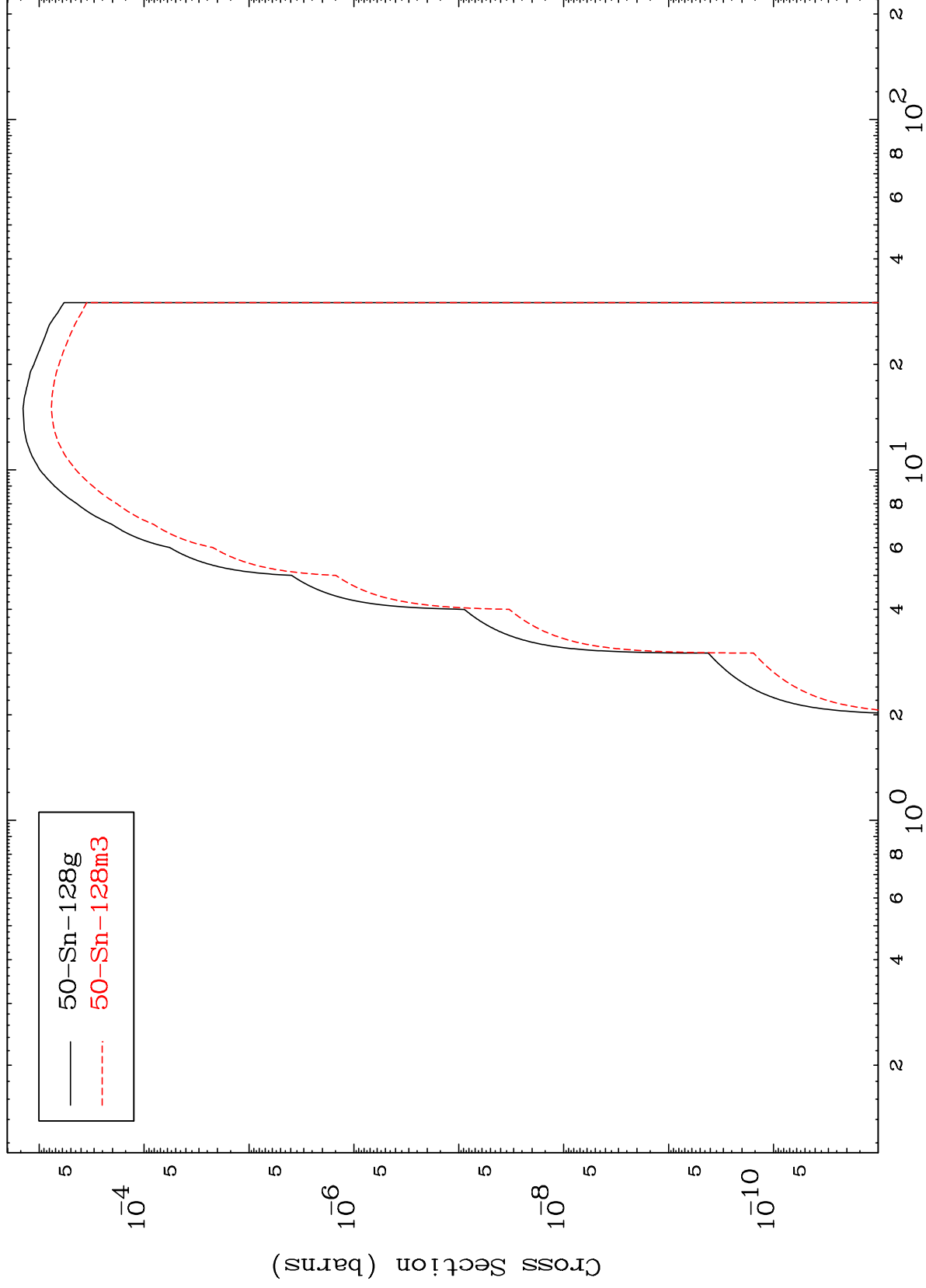
27

51-Sb-130m

MAT 5153

51-Sb-130m

(n, α)
Radionuclide Production Cross Section



28

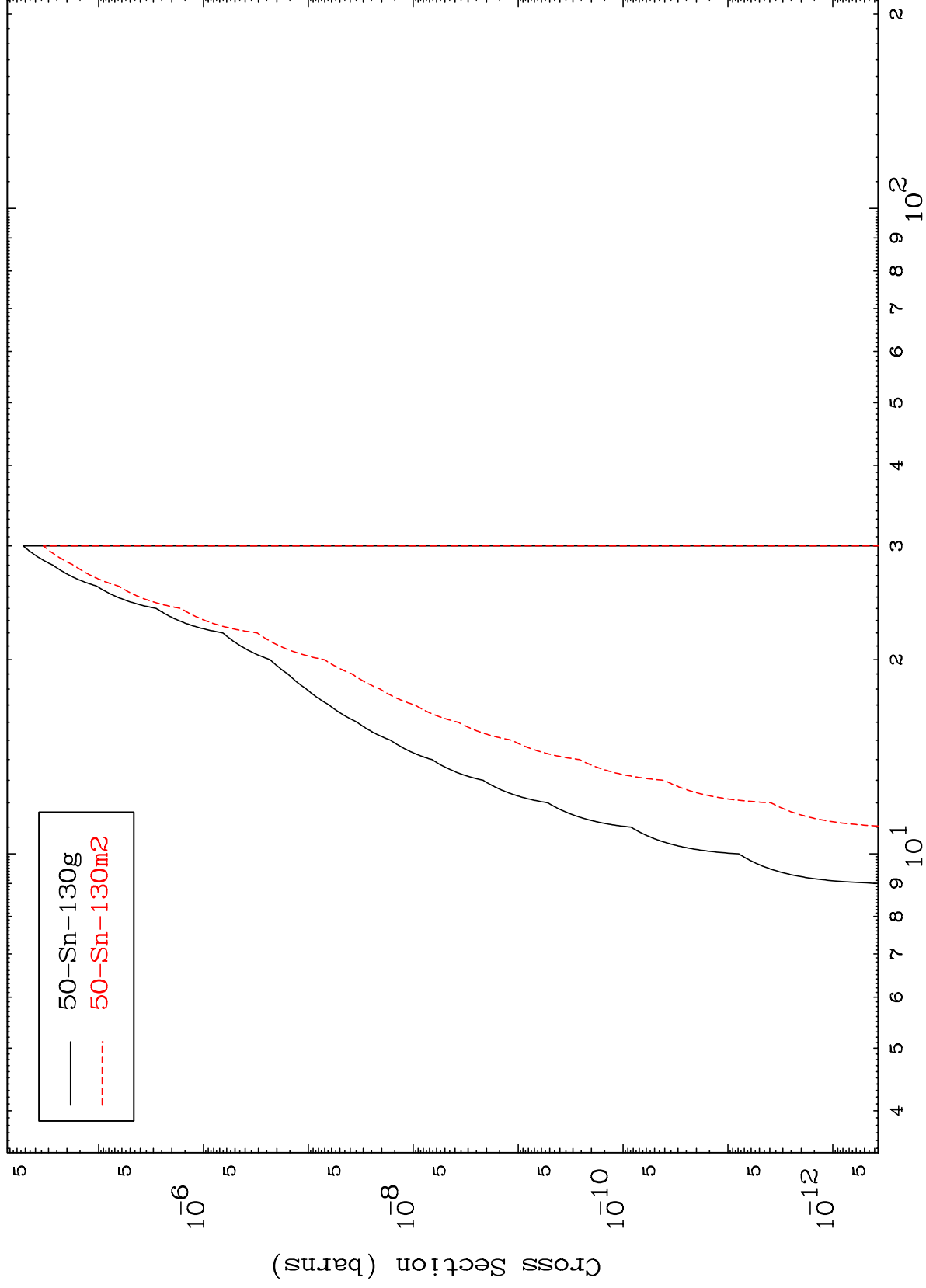
Incident Energy (MeV)

51-Sb-130m

MAT 5153

51-Sb-130m

(n,2p)
Radionuclide Production Cross Section



29

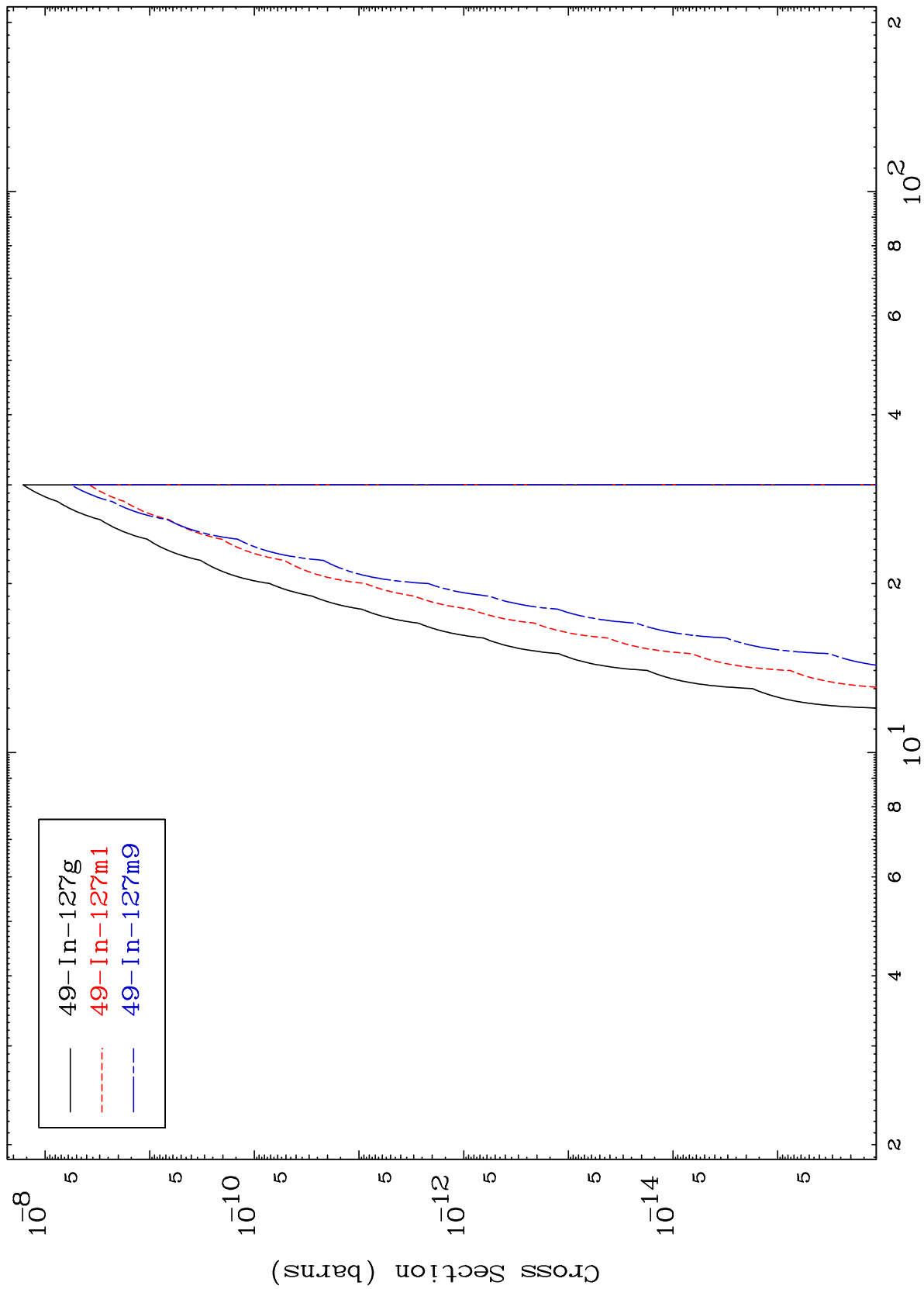
Incident Energy (MeV)

51-Sb-130m

MAT 5153

51-Sb-130m

(n,p) α
Radionuclide Production Cross Section

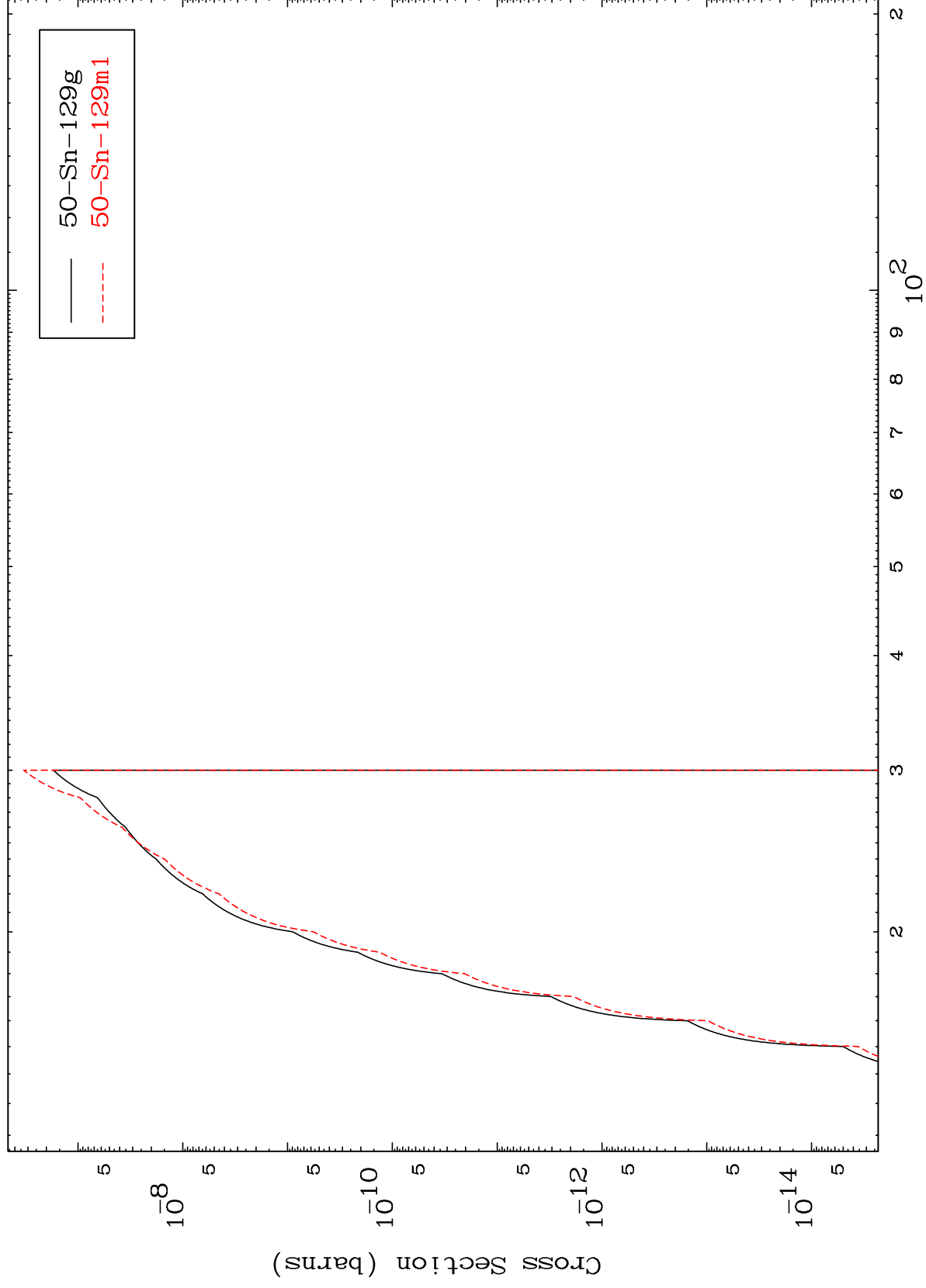


51-Sb-130m

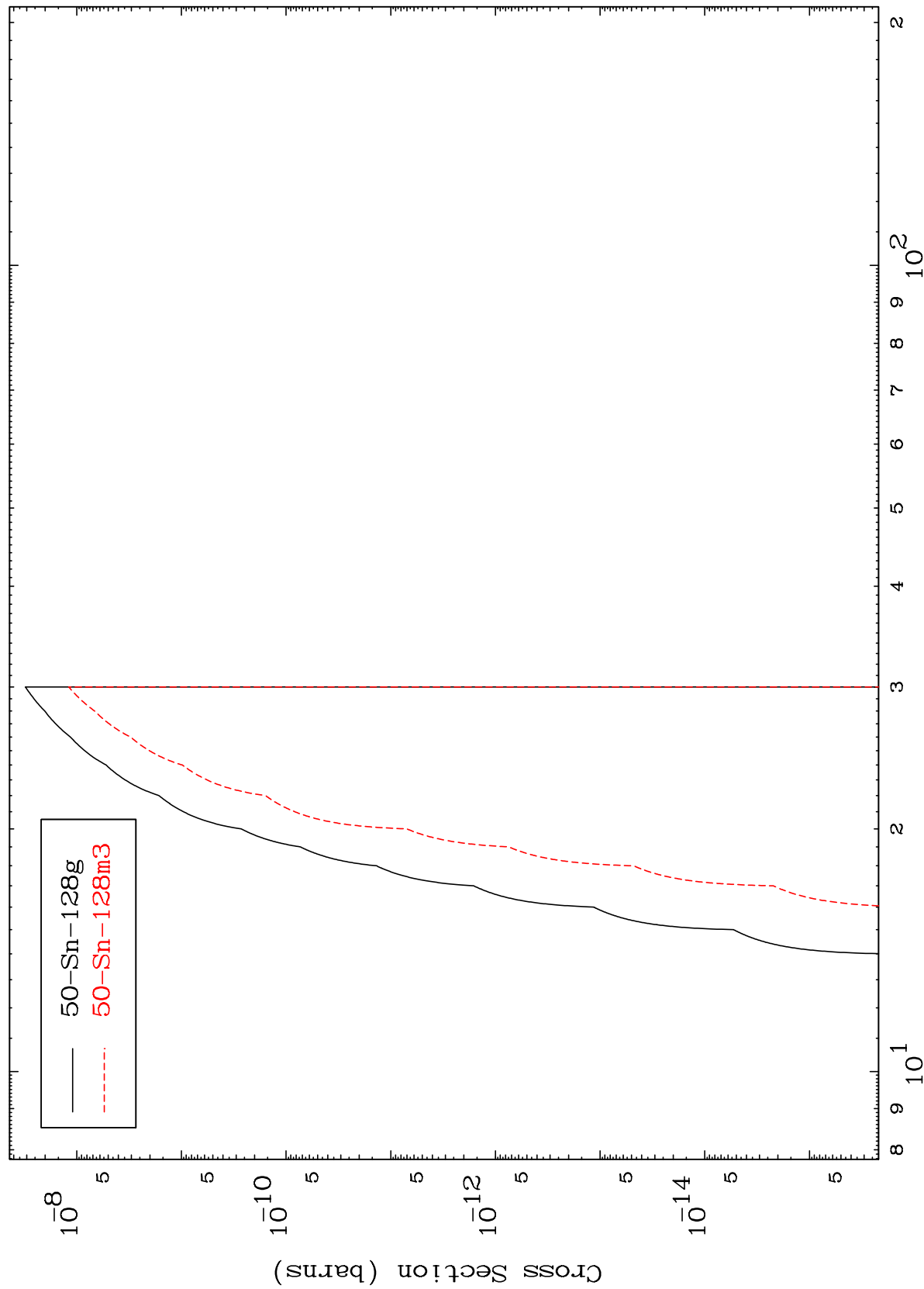
Incident Energy (MeV)

30

(n,p) d
Radionuclide Production Cross Section



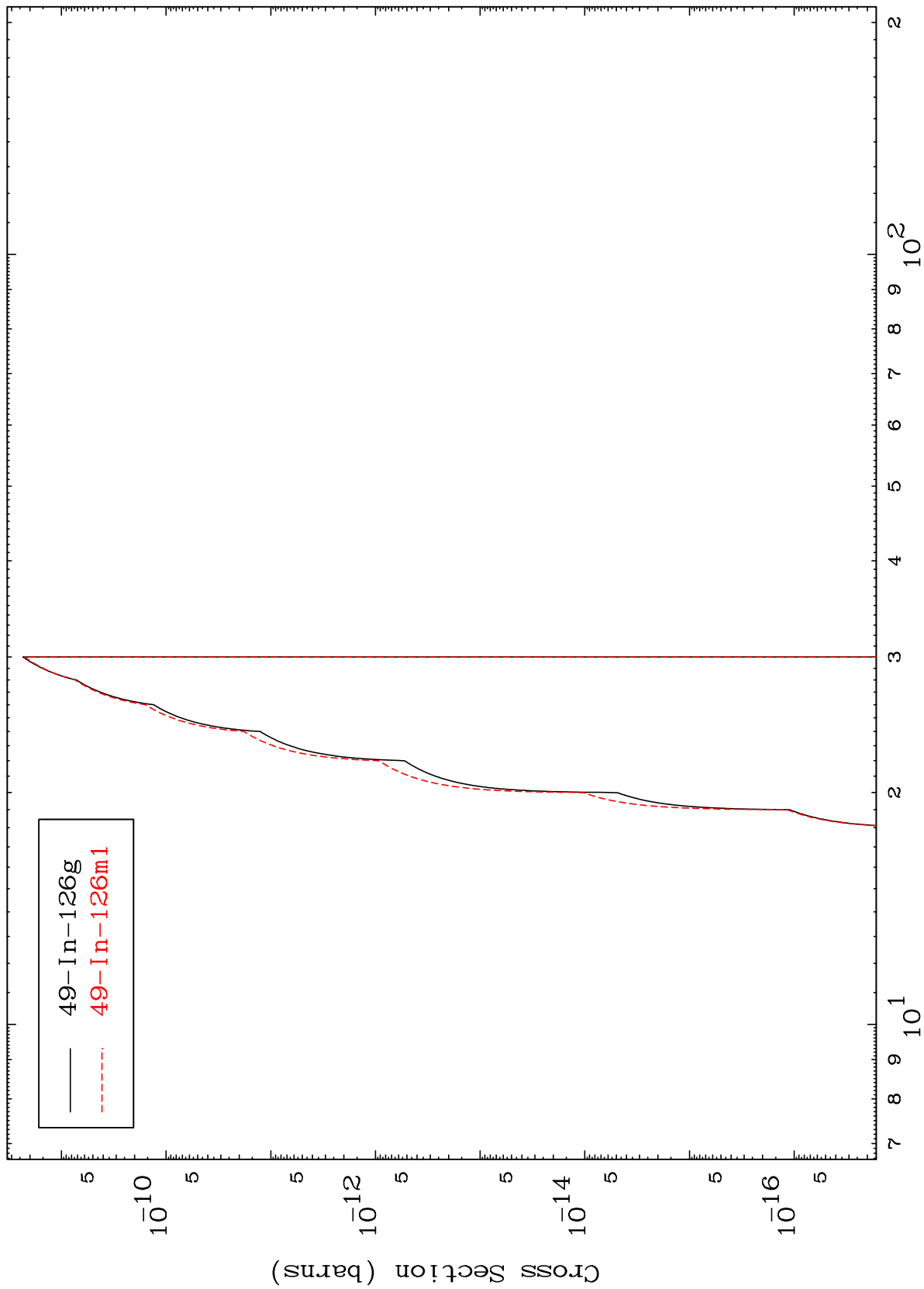
(n,p) t
Radionuclide Production Cross Section



MAT 5153

51-Sb-130m

(n,d) α
Radionuclide Production Cross Section



51-Sb-130m

Incident Energy (MeV)

33