

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

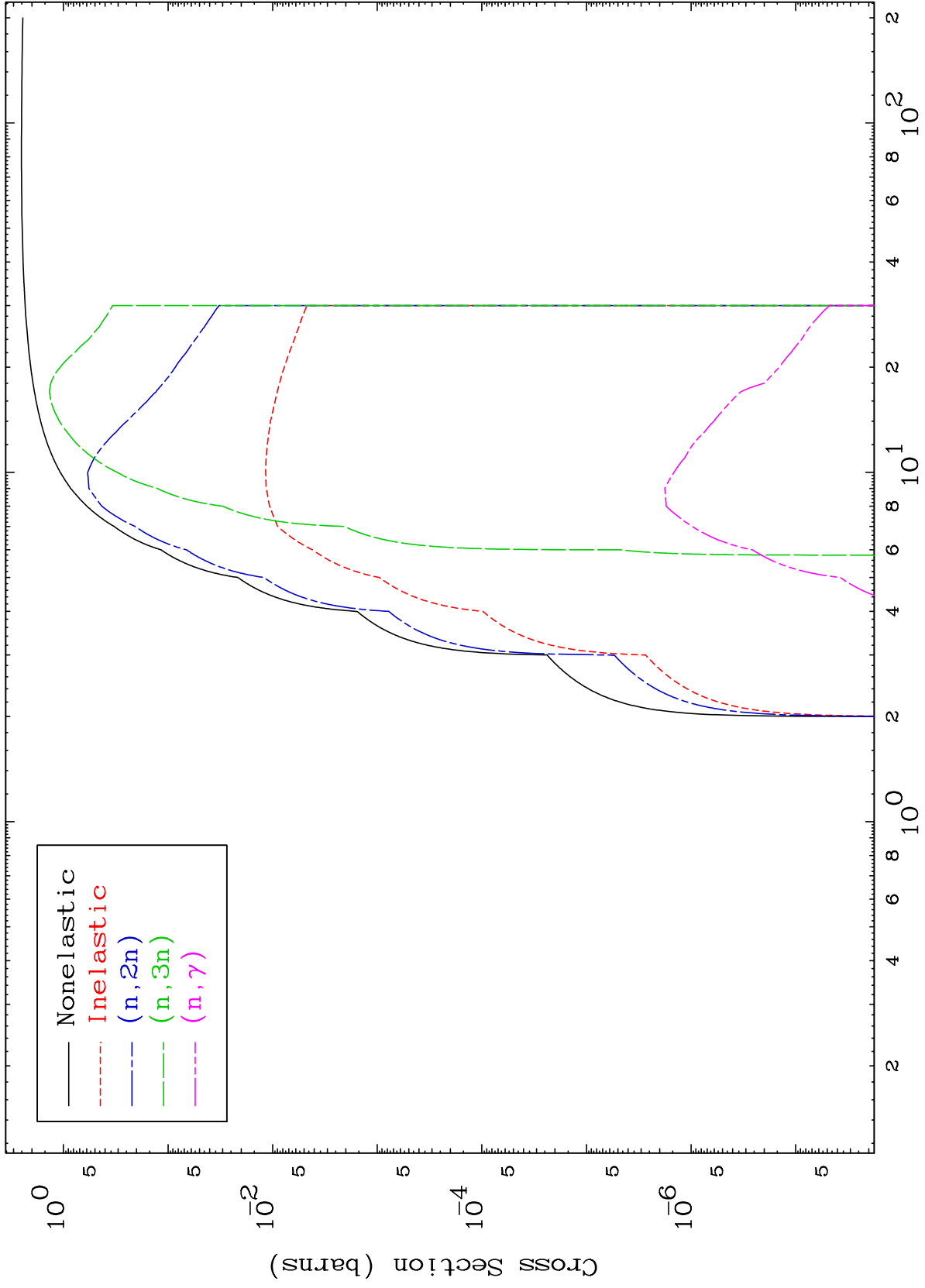
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

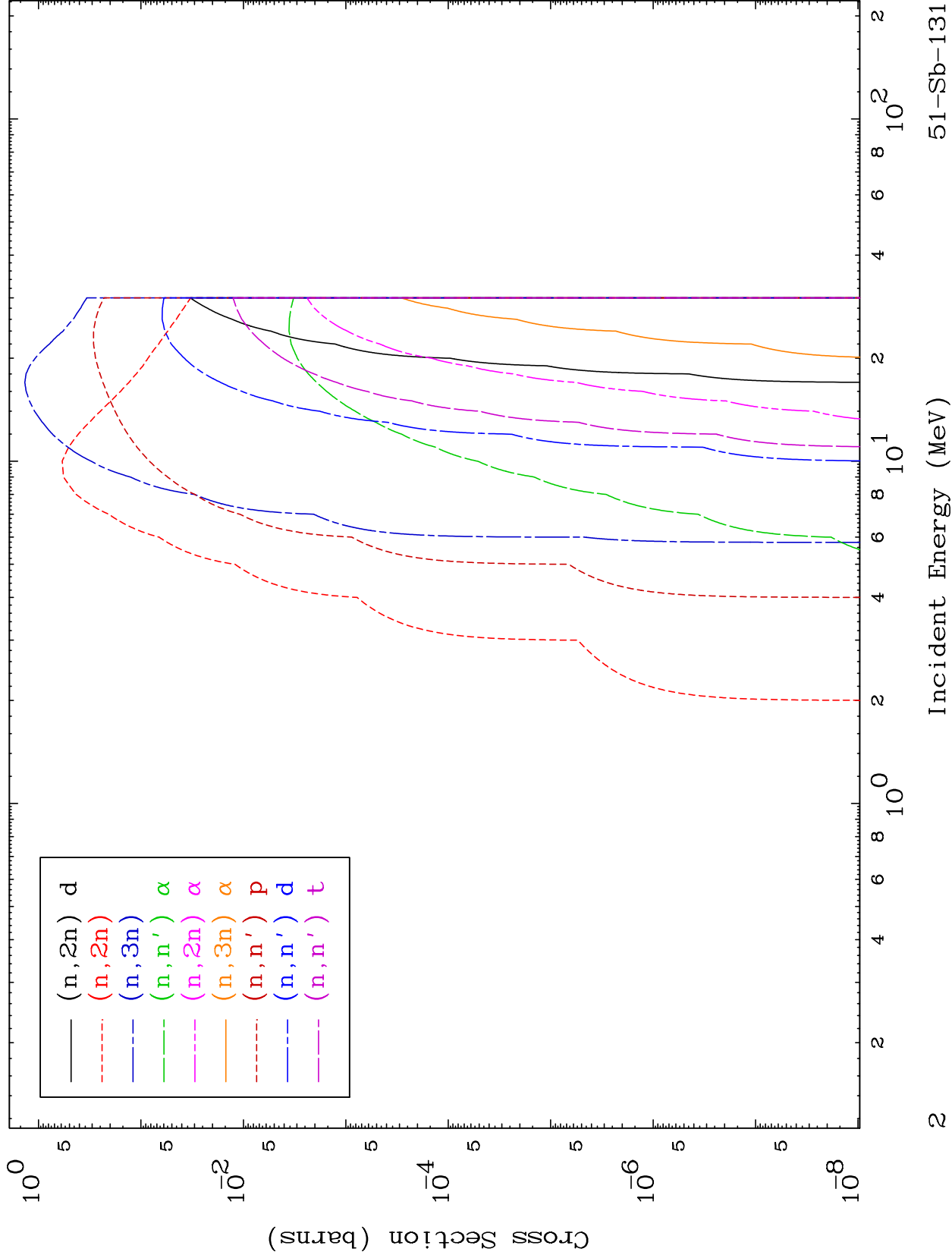
Tele: 925-443-1911

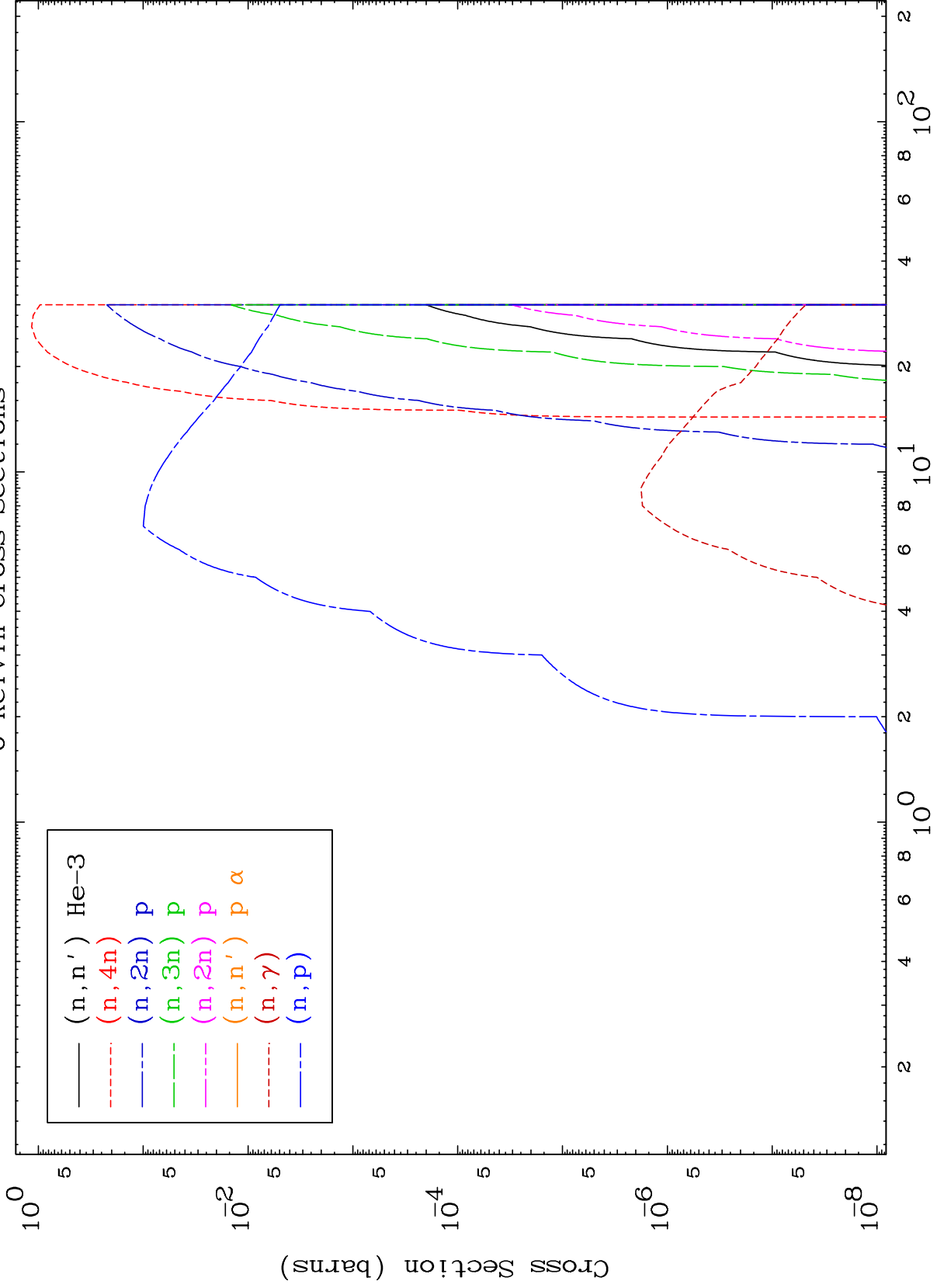
E.Mail:redcullen1@comcast.net

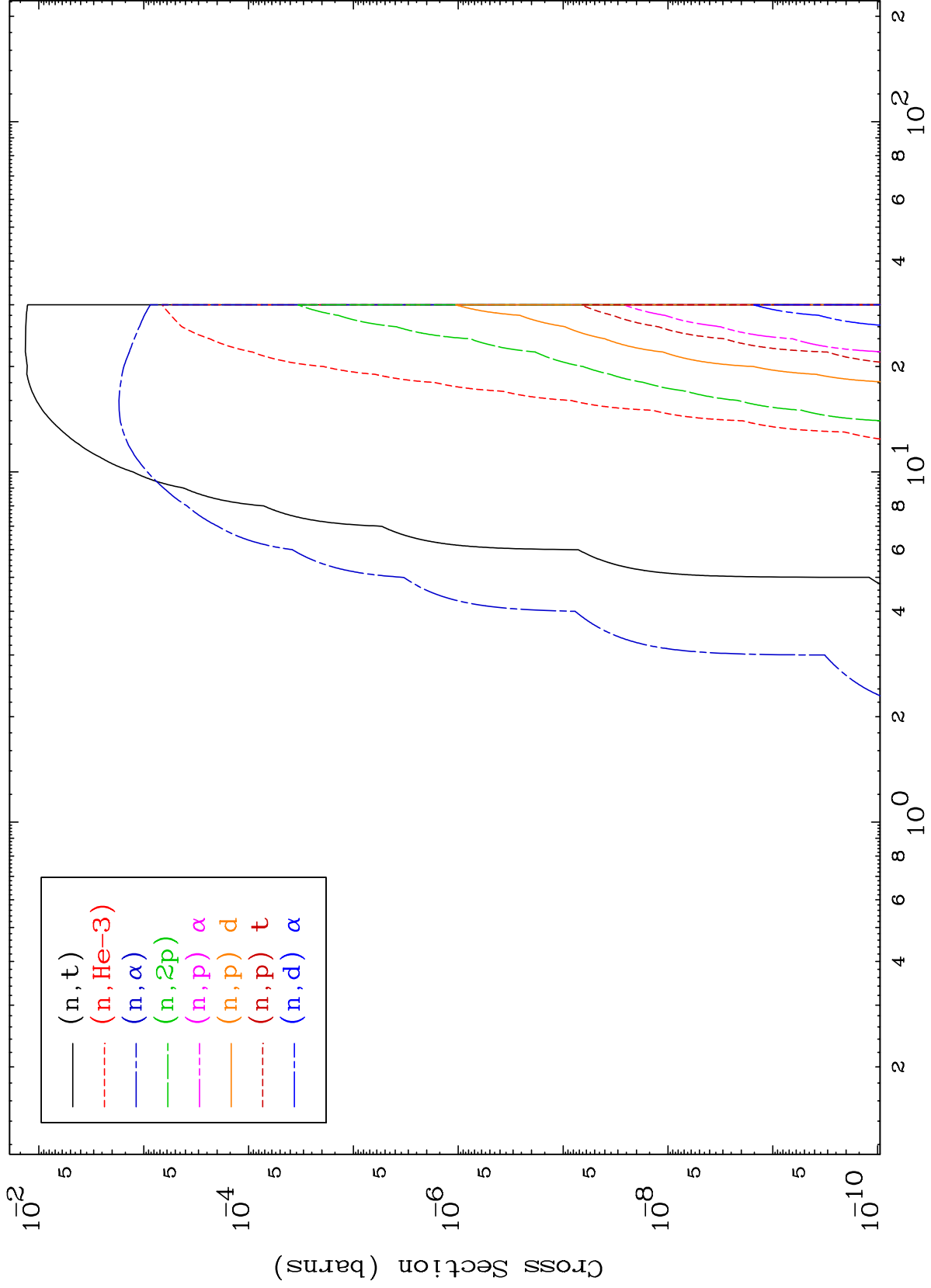
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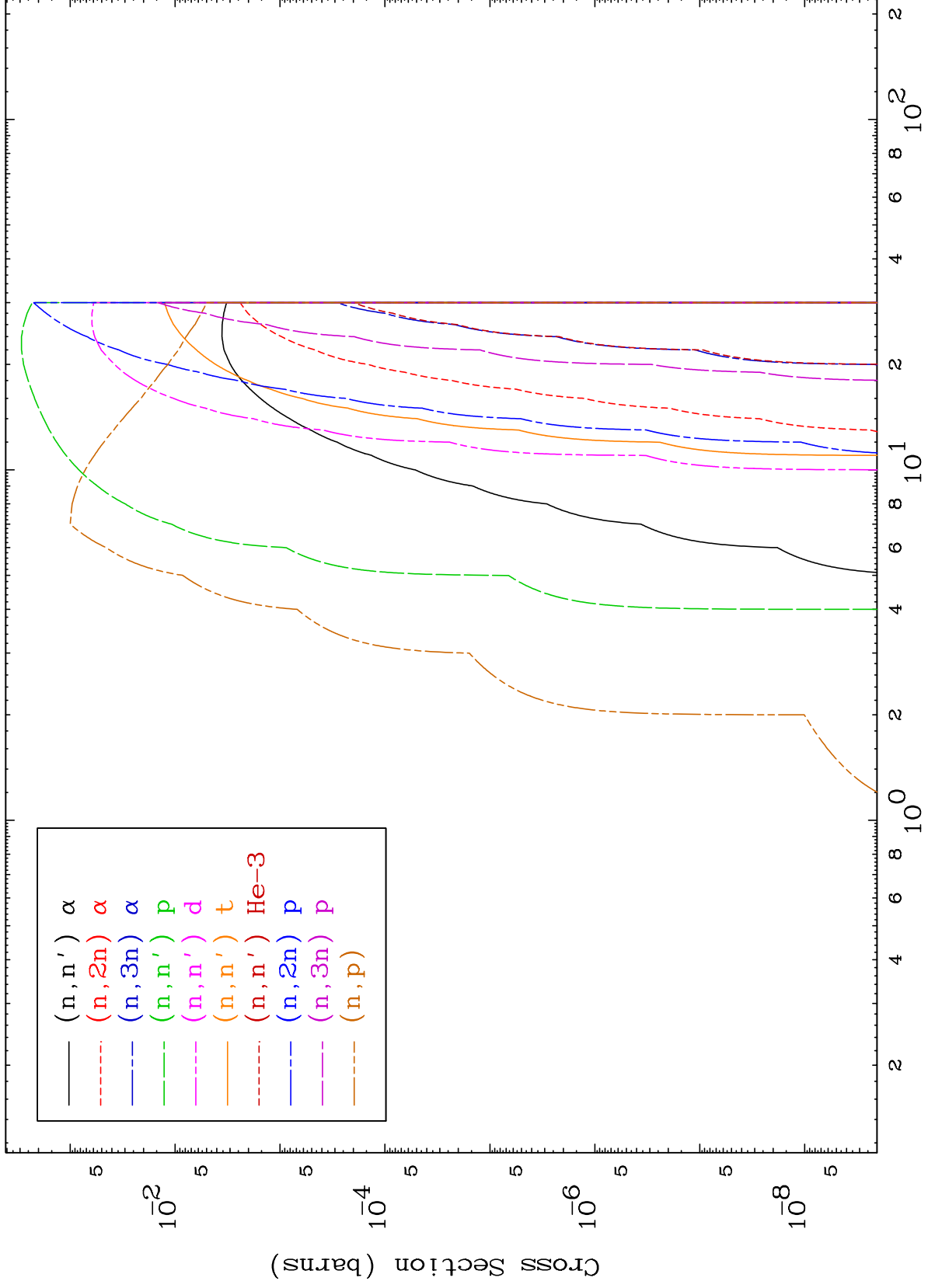
Press Mouse Button to Start

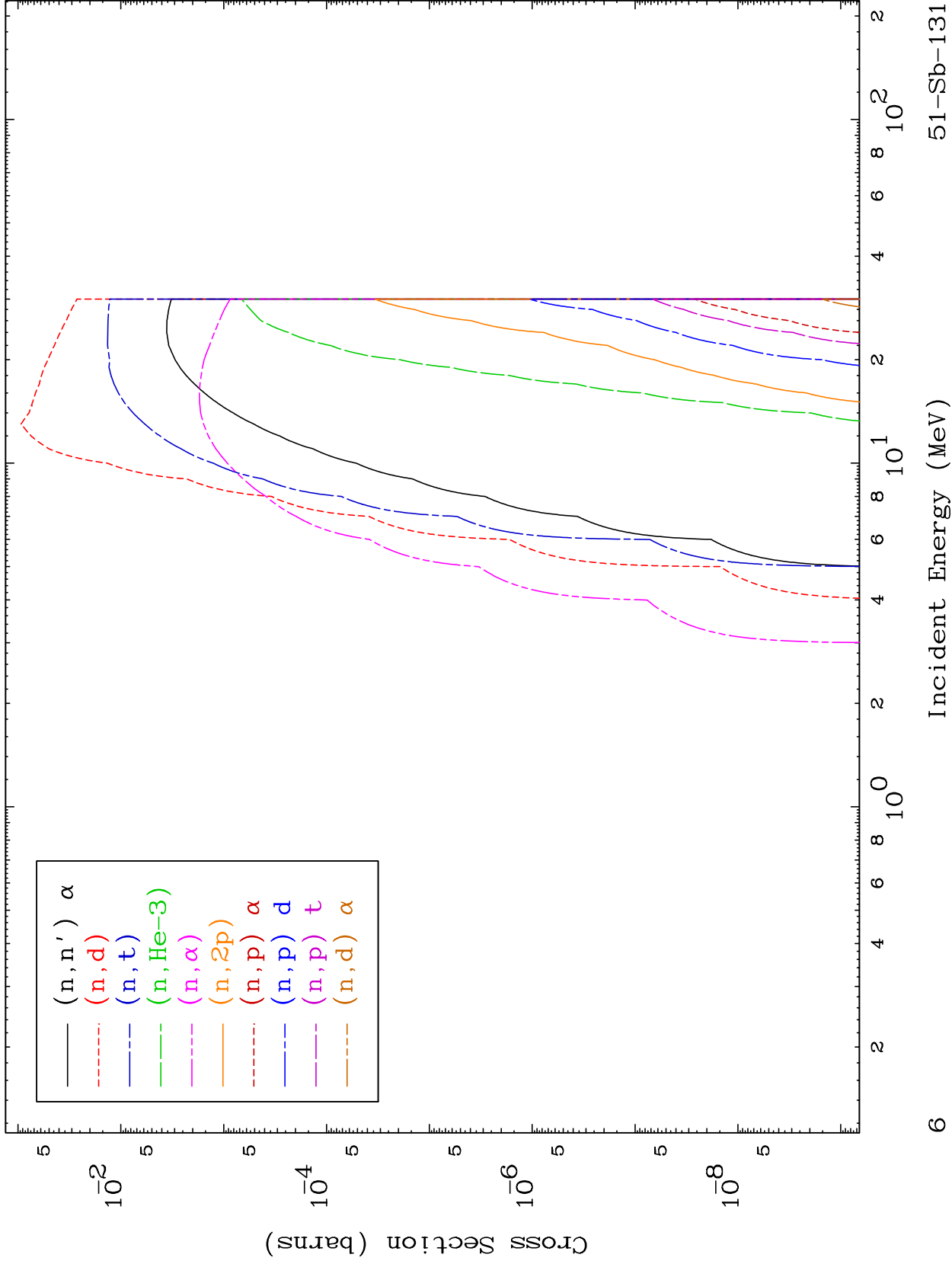








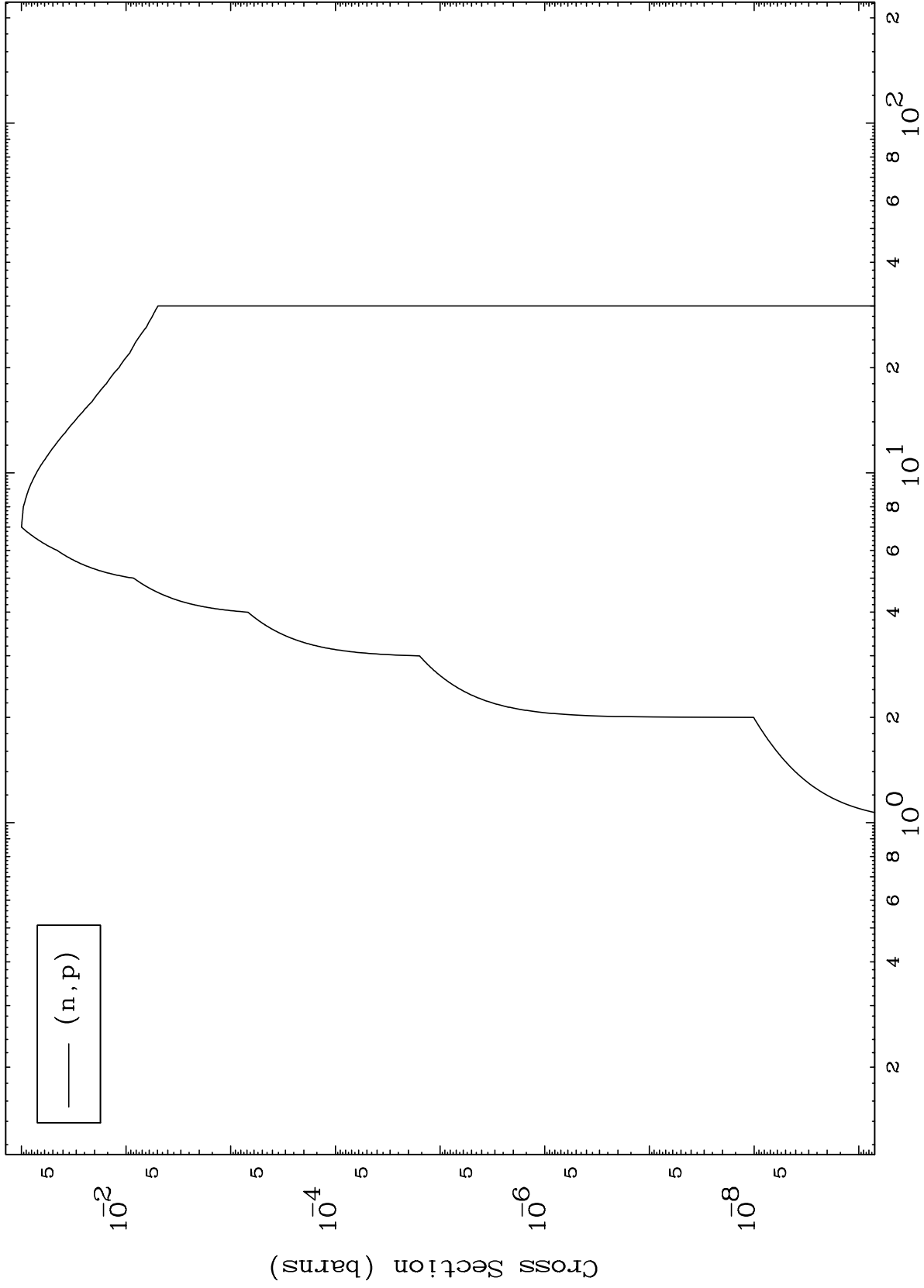




MAT 5155

51-Sb-131

(d,p) Levels
0 Kelvin Cross Sections



51-Sb-131

Incident Energy (MeV)

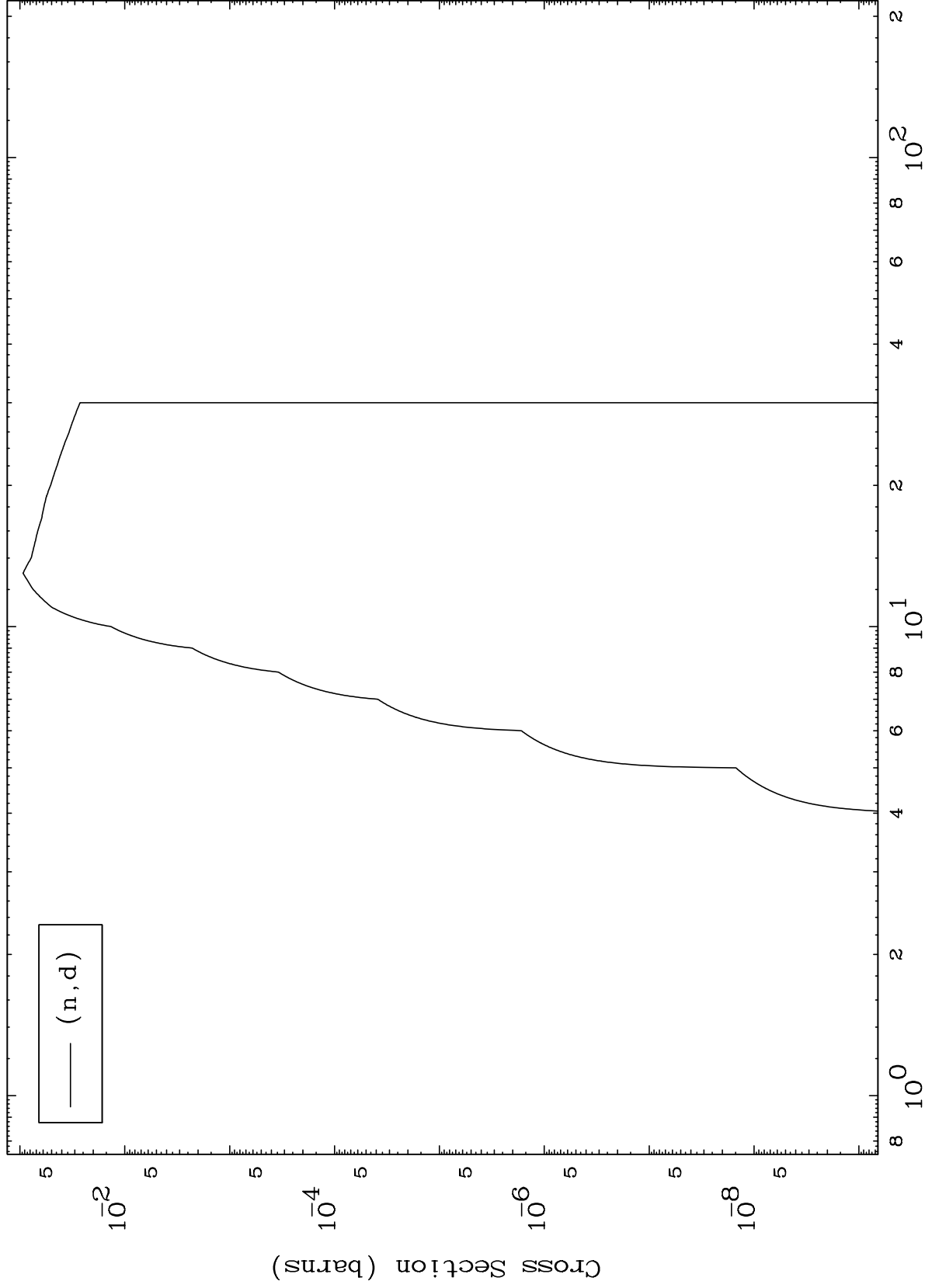
7

MAT 5155

(d,d) Levels

51-Sb-131

0 Kelvin Cross Sections



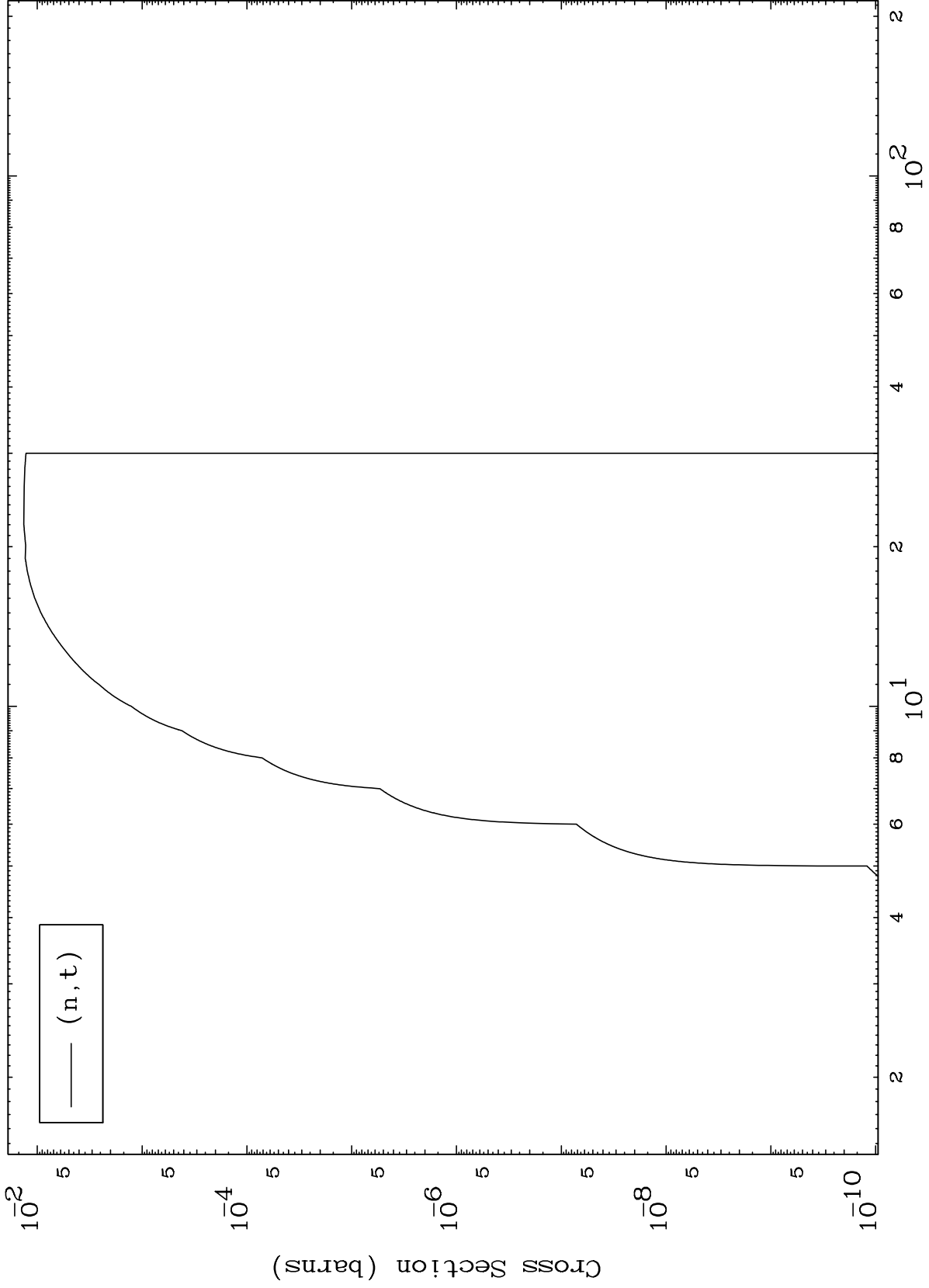
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

(d,t) Levels
0 Kelvin Cross Sections



9

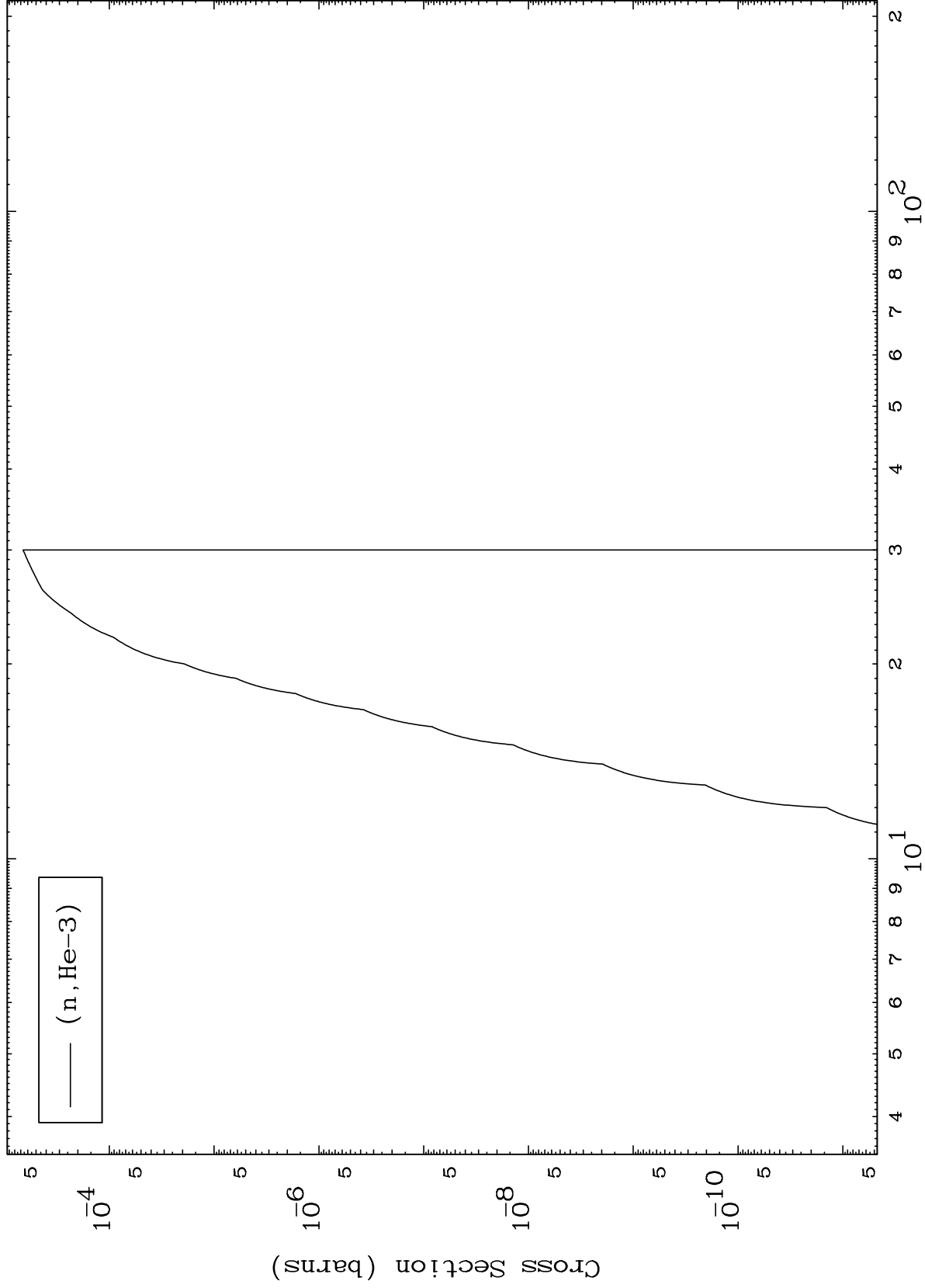
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

(d,He3) Levels
0 Kelvin Cross Sections



51-Sb-131

Incident Energy (MeV)

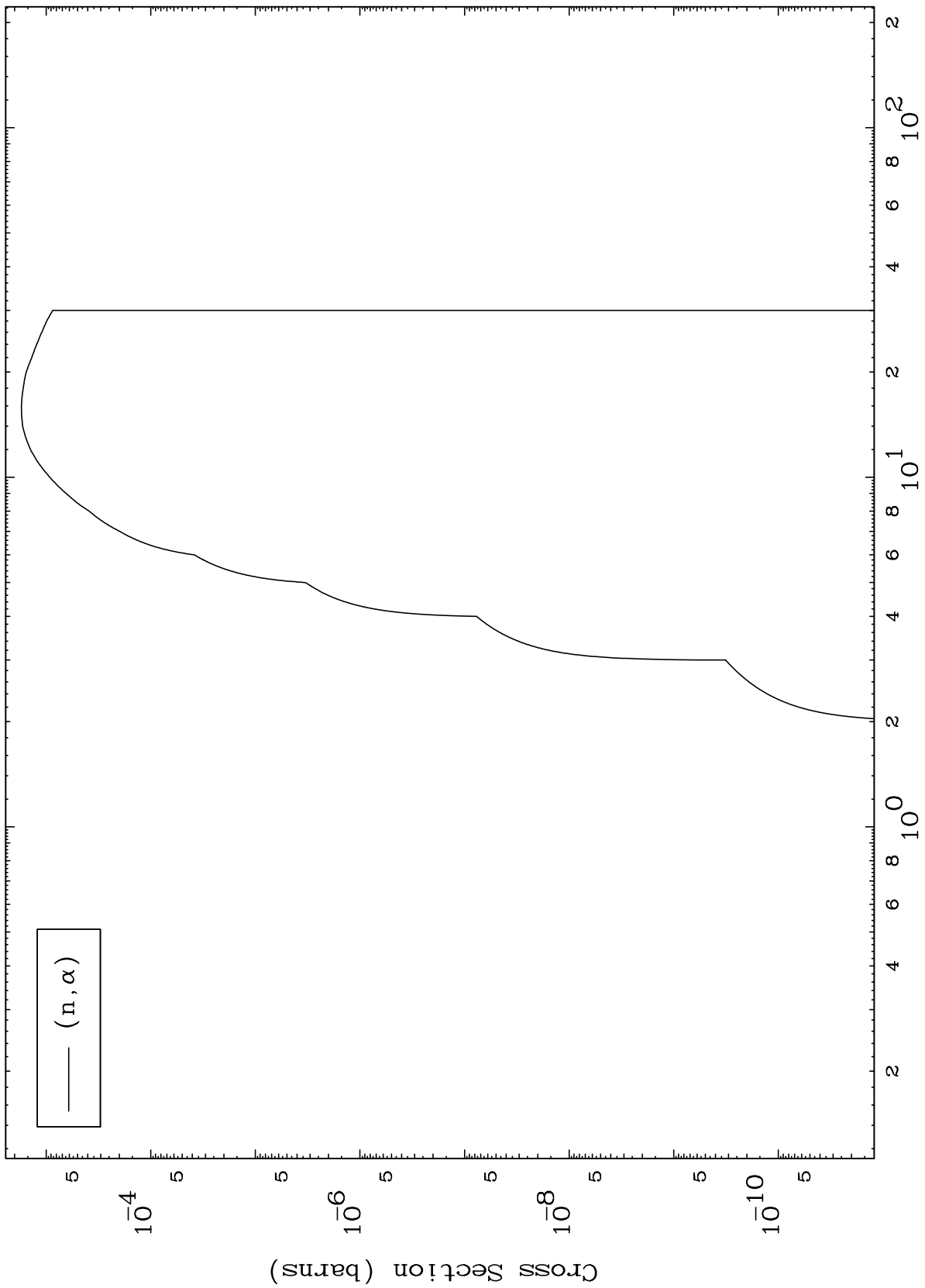
10

MAT 5155

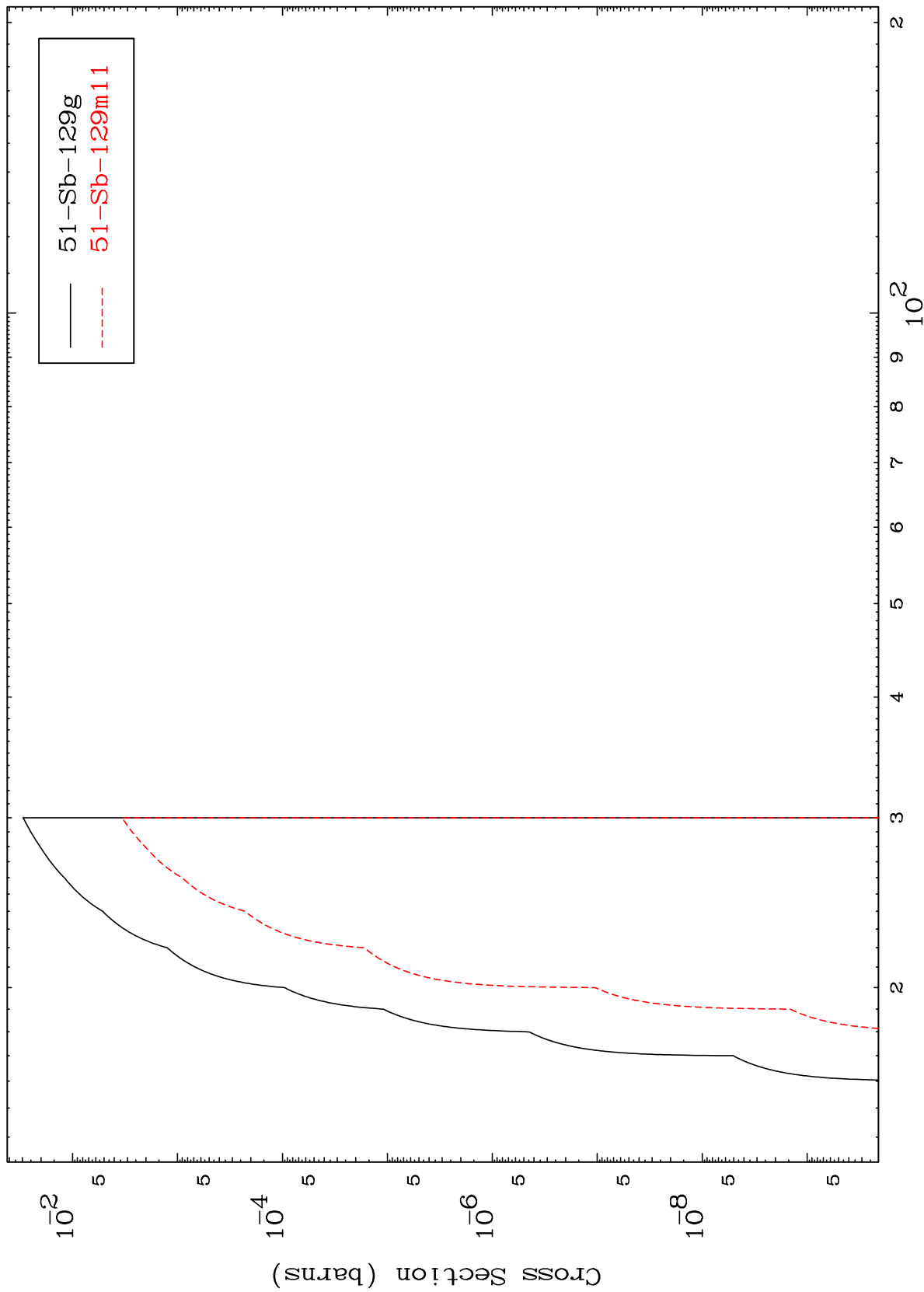
(d, α) Levels

51-Sb-131

0 Kelvin Cross Sections



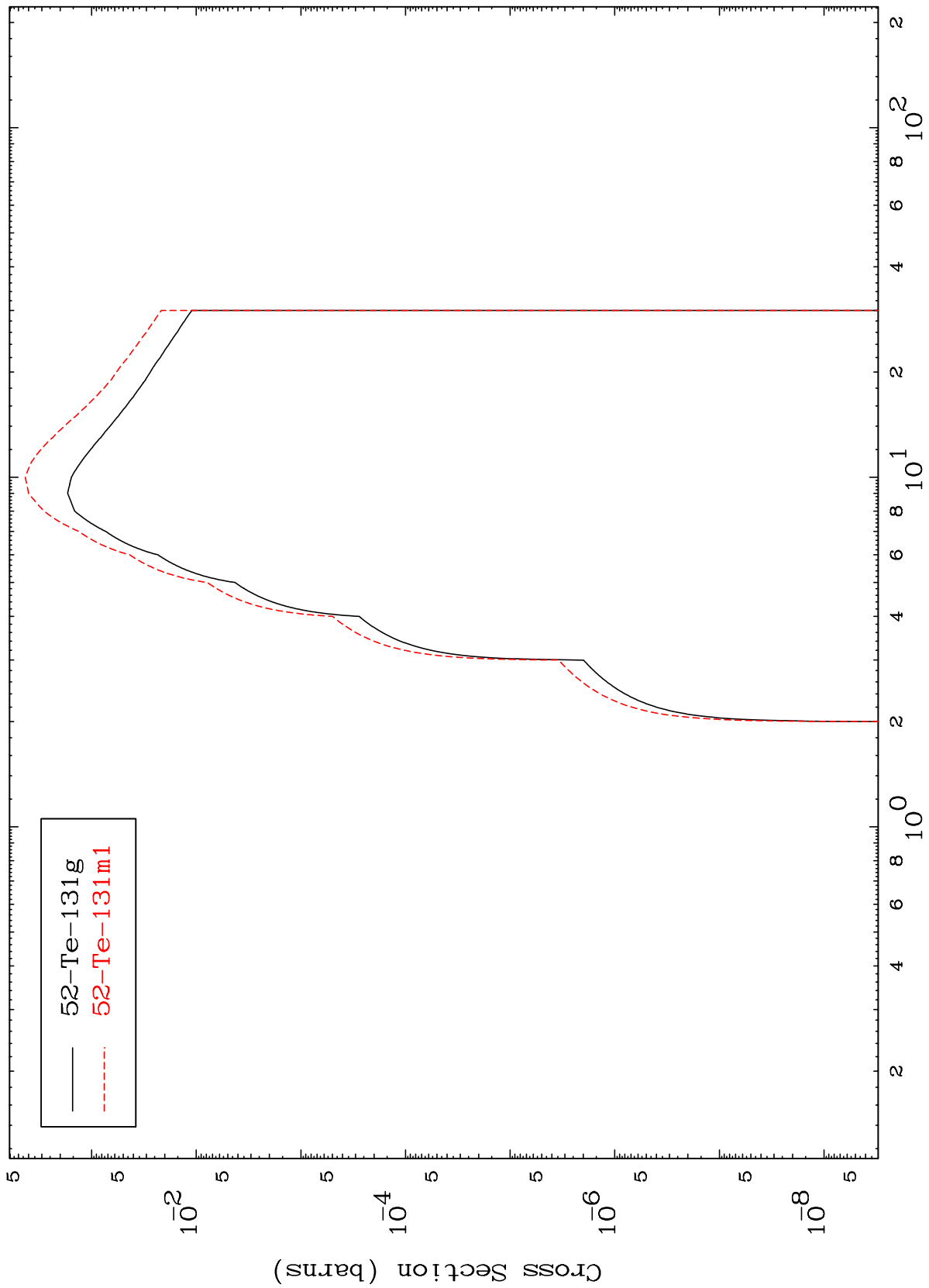
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

(n,2n)
Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

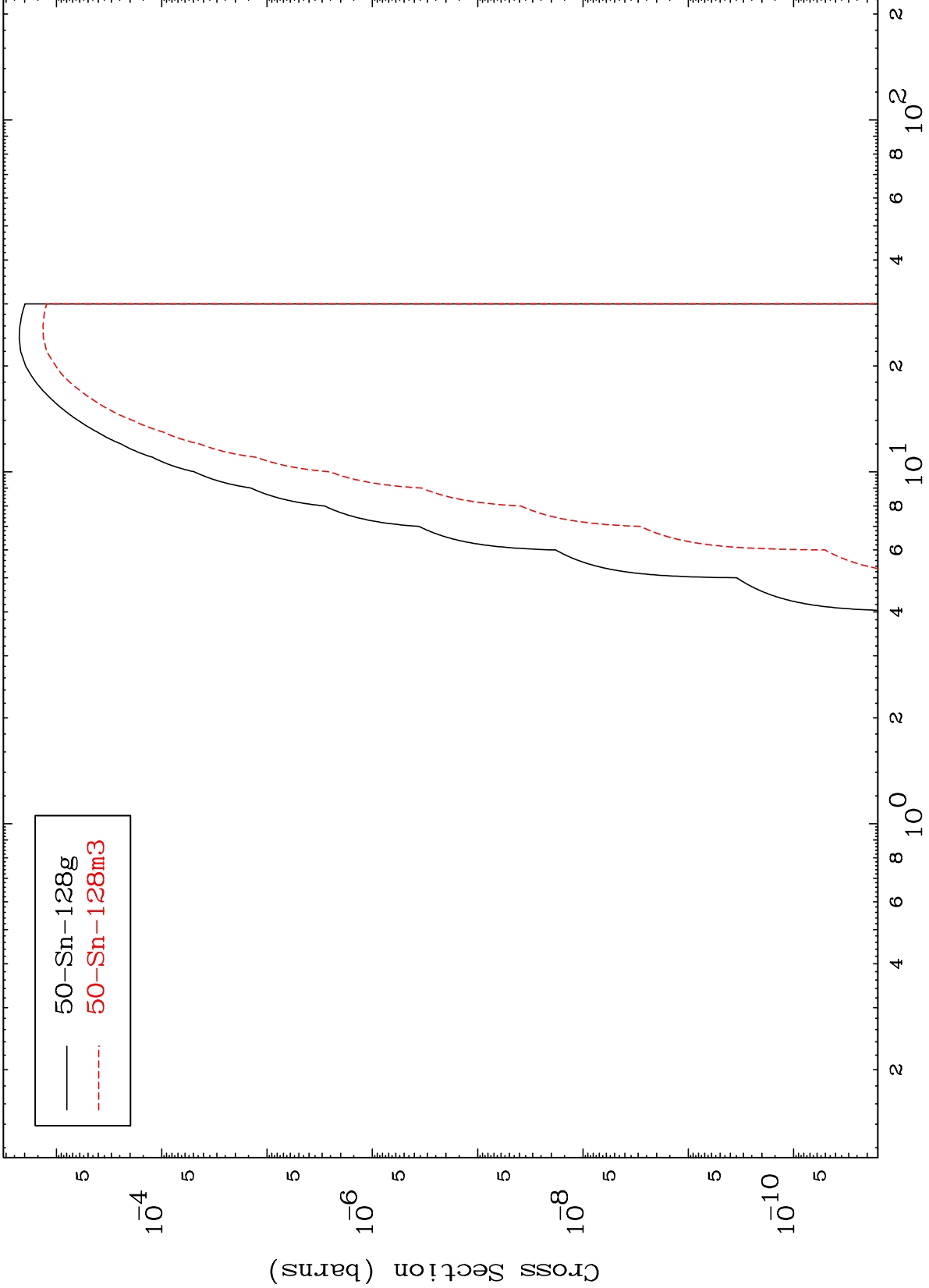
13

MAT 5155

(n,n') α

51-Sb-131

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

14

Incident Energy (MeV)

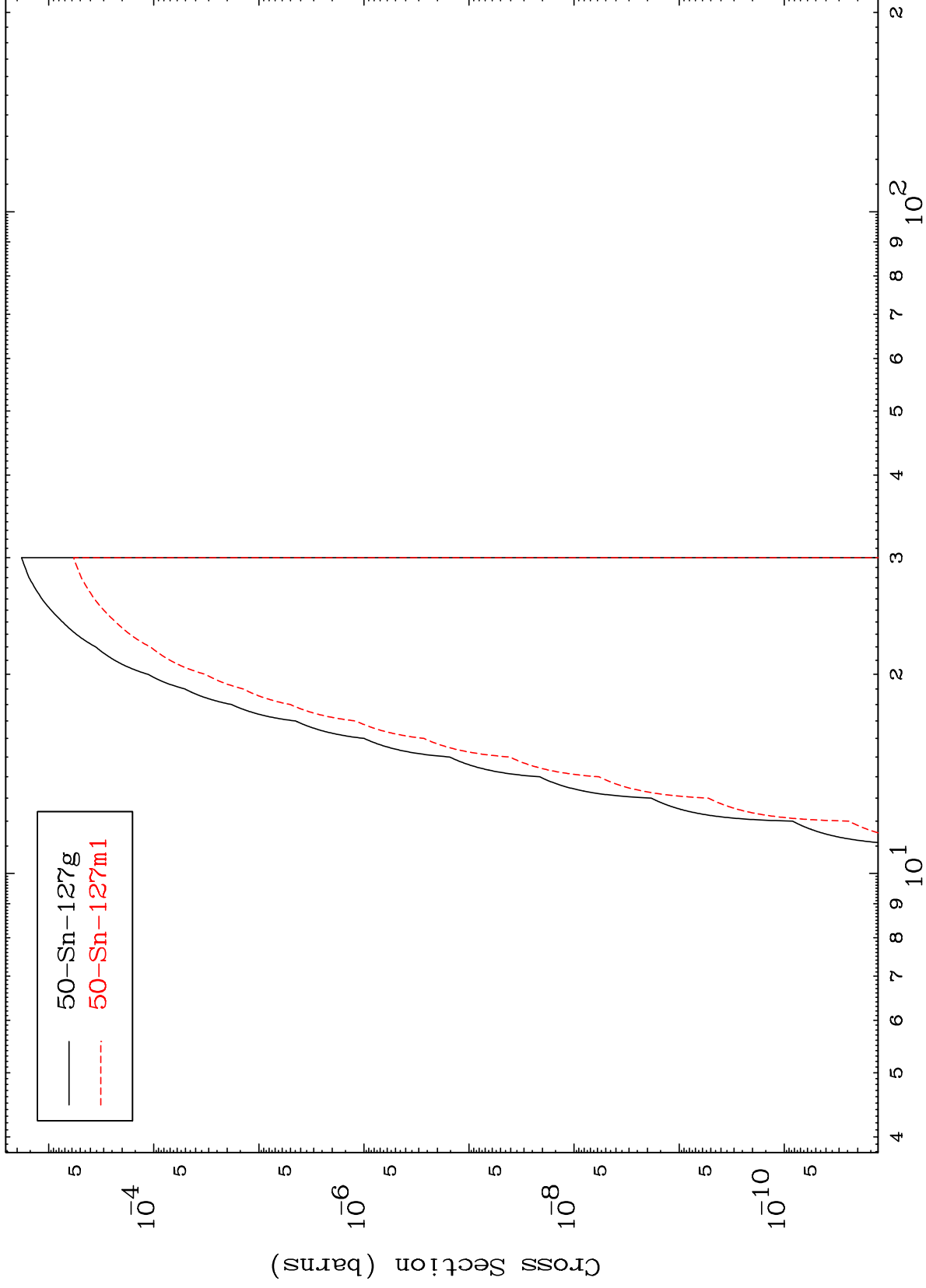
51-Sb-131

MAT 5155

(n,2n) α

51-Sb-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

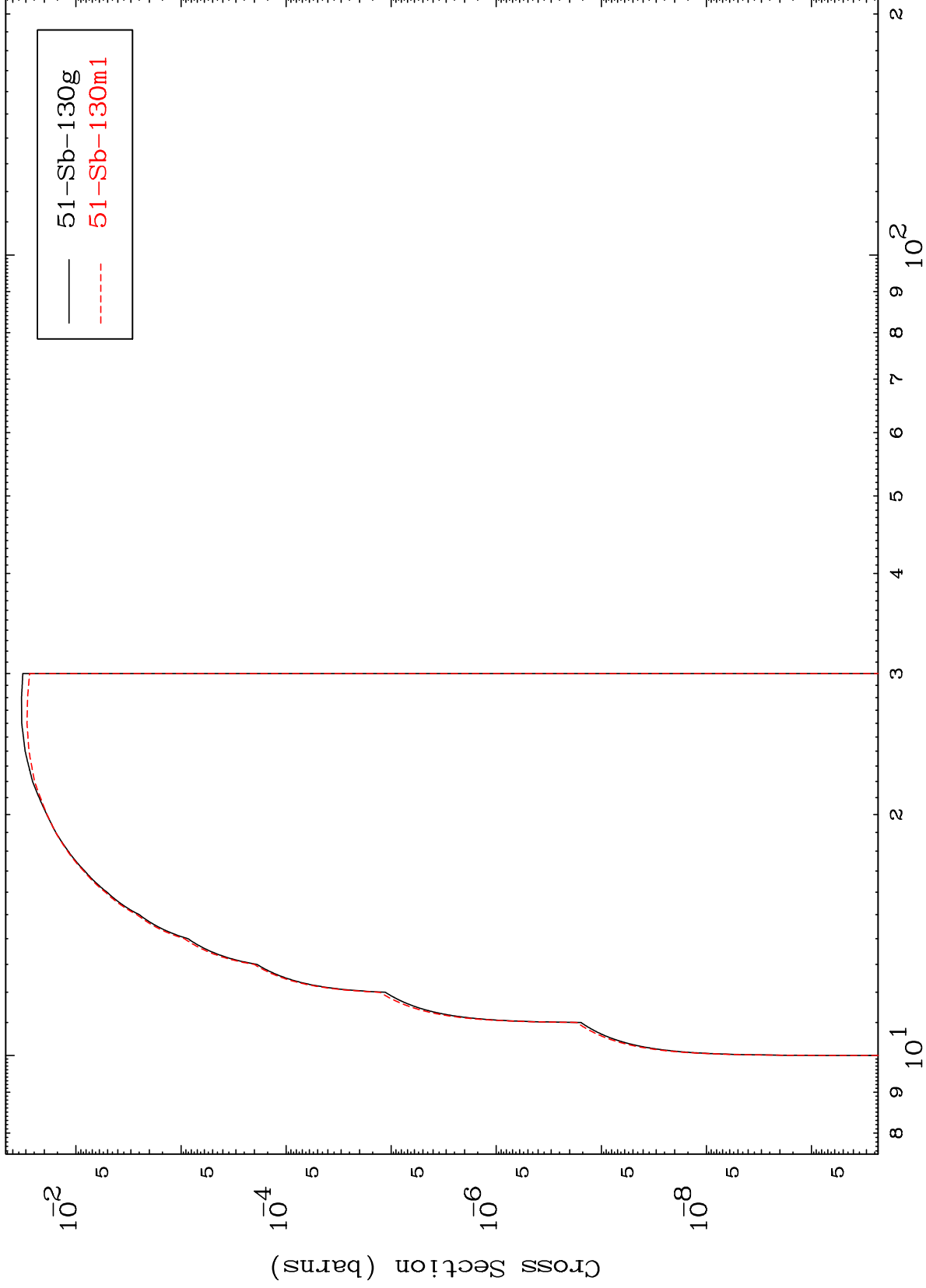
51-Sb-131

MAT 5155

(n,n') d

51-Sb-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

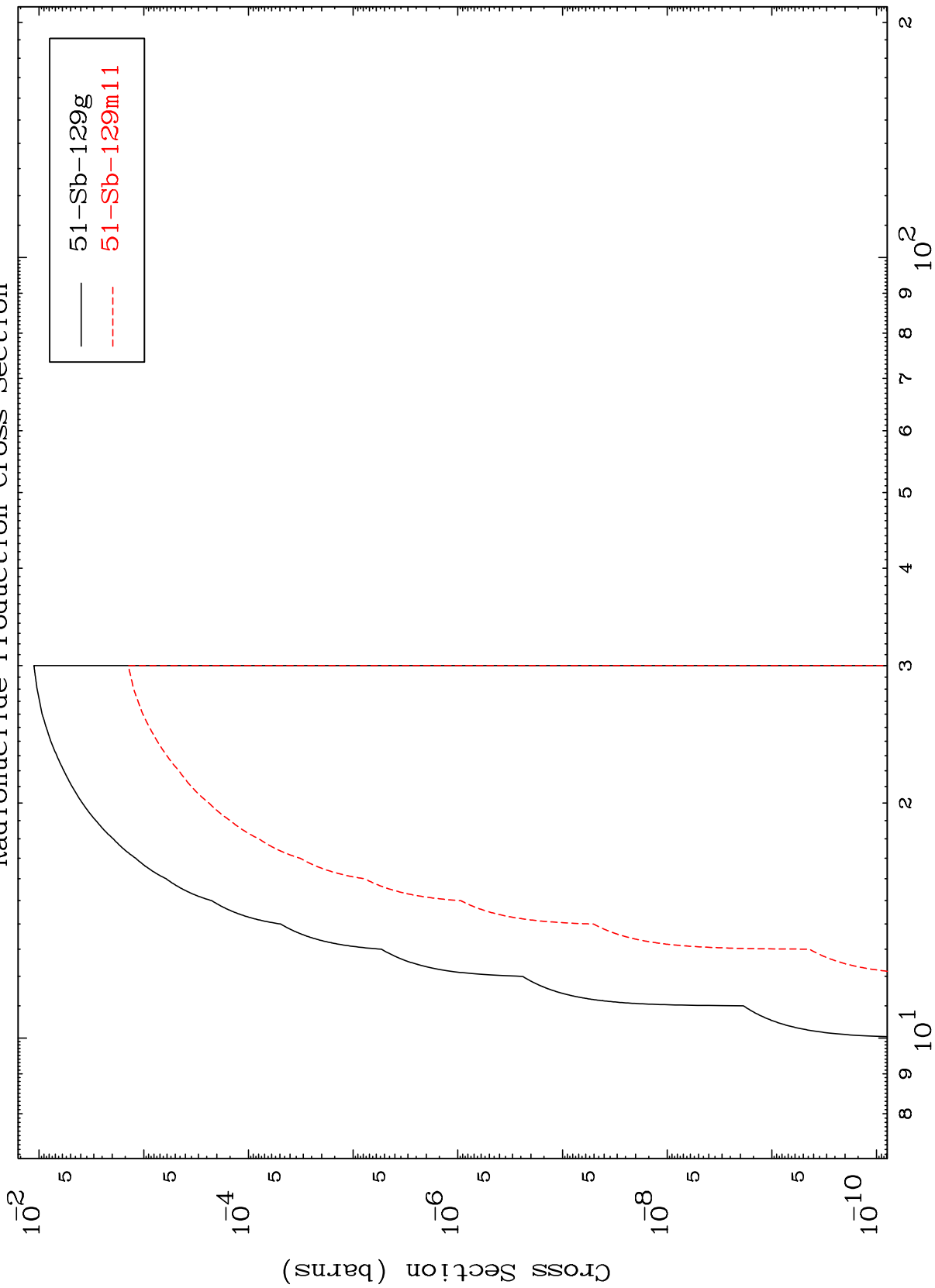
51-Sb-131

MAT 5155

(n,n') t

51-Sb-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

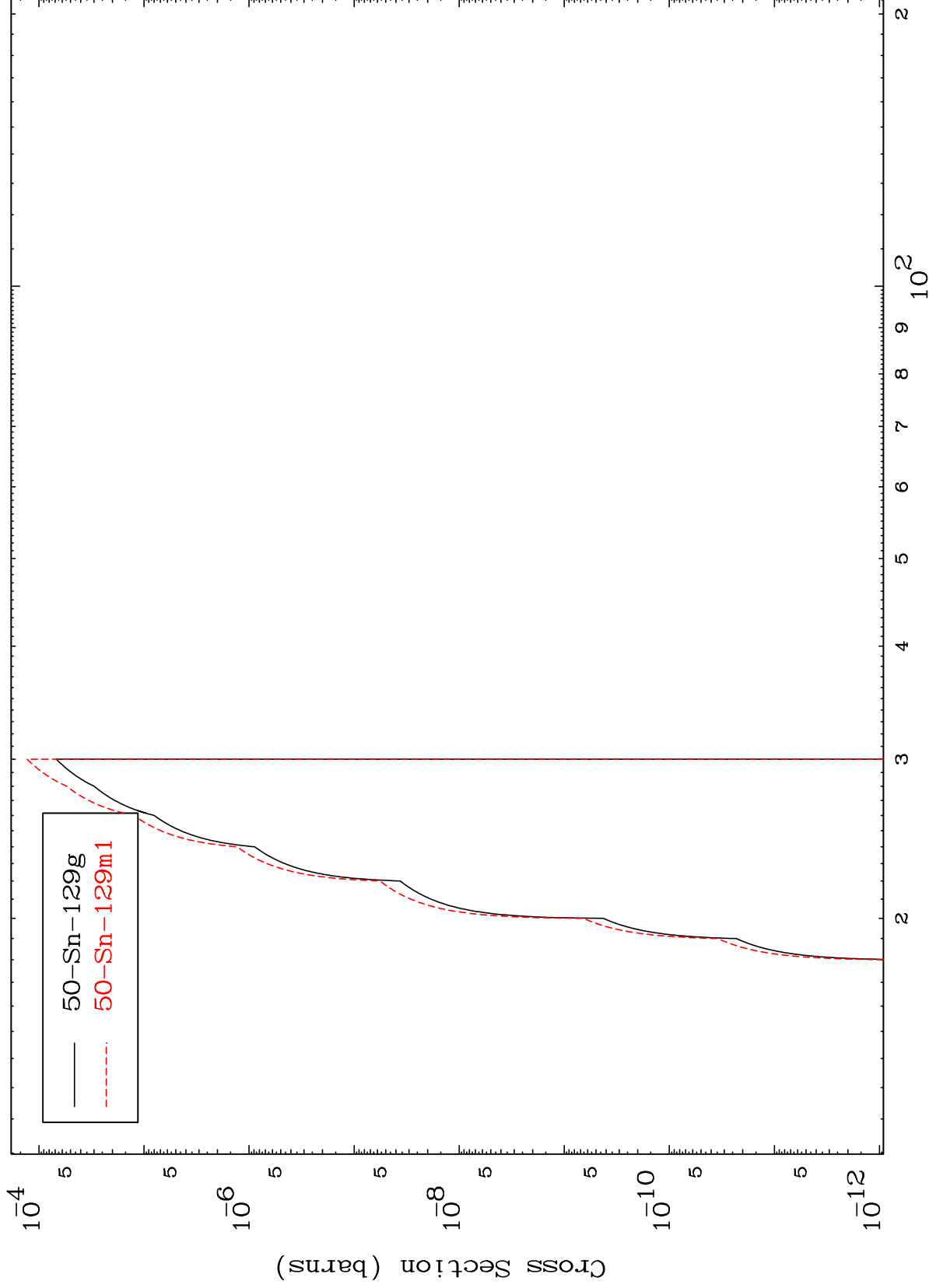
51-Sb-131

MAT 5155

(n,n') He-3

51-Sb-131

Radionuclide Production Cross Section



18

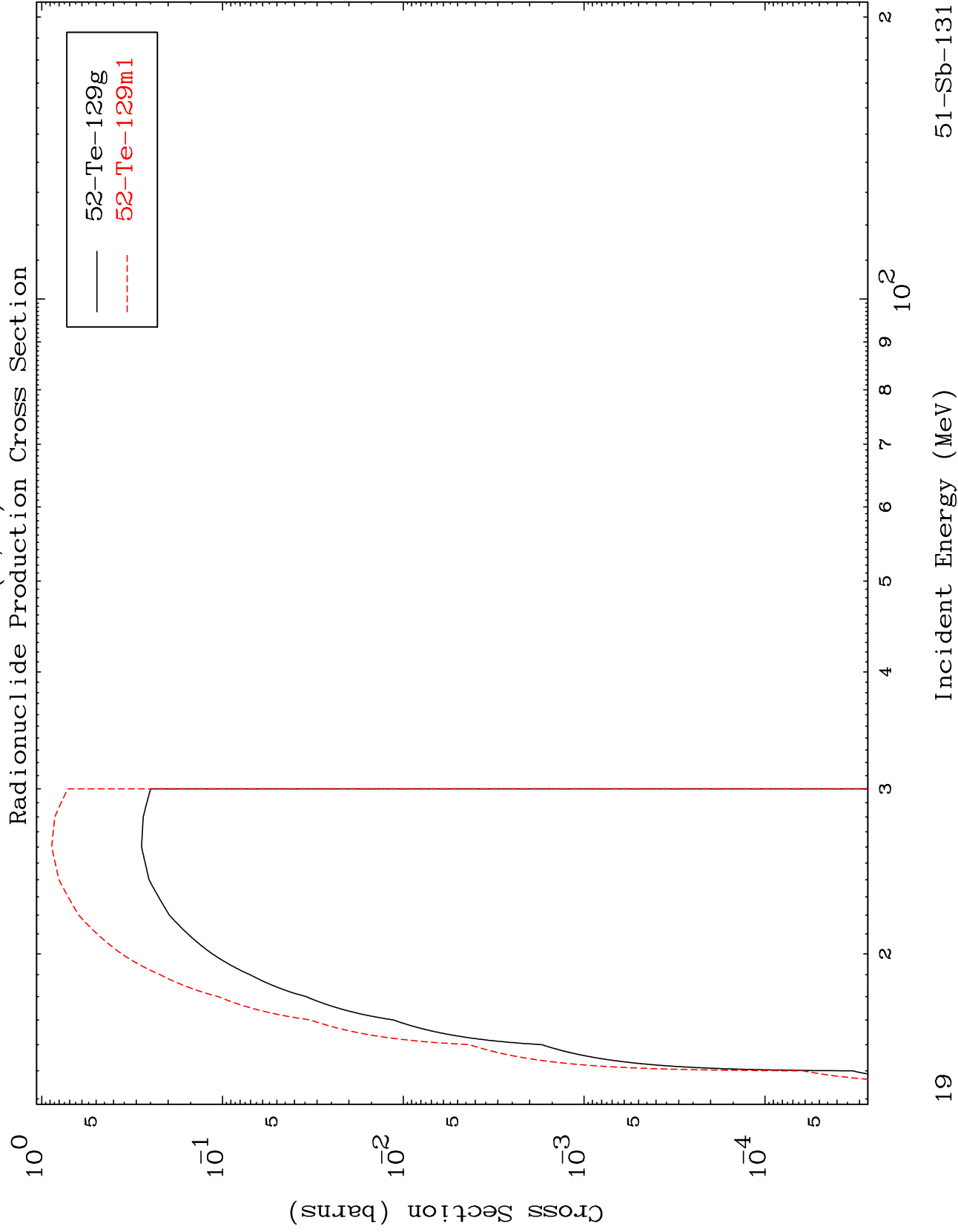
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,4n)

51-Sb-131



19

Incident Energy (MeV)

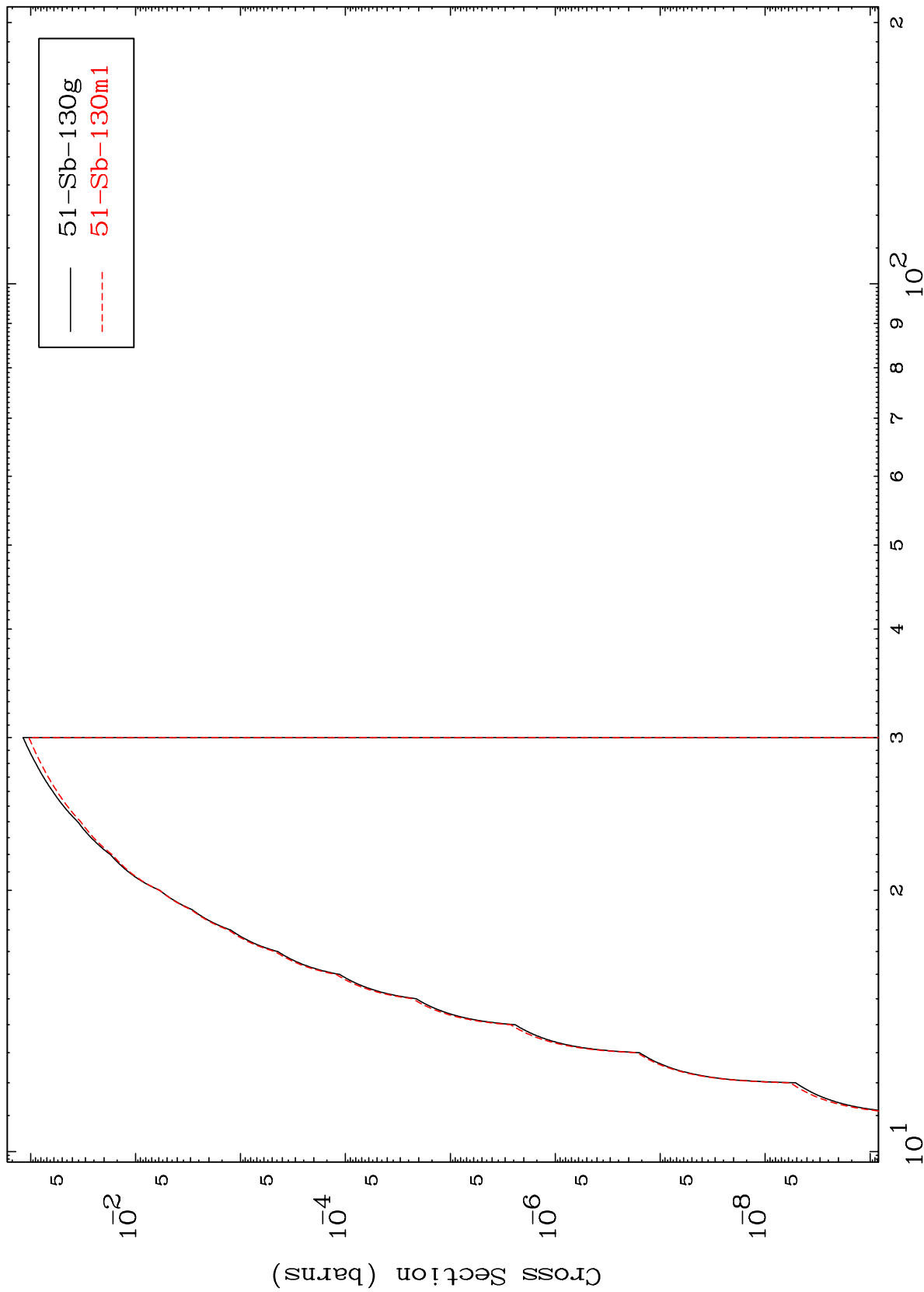
51-Sb-131

MAT 5155

(n,2n) p

51-Sb-131

Radionuclide Production Cross Section



Incident Energy (MeV)

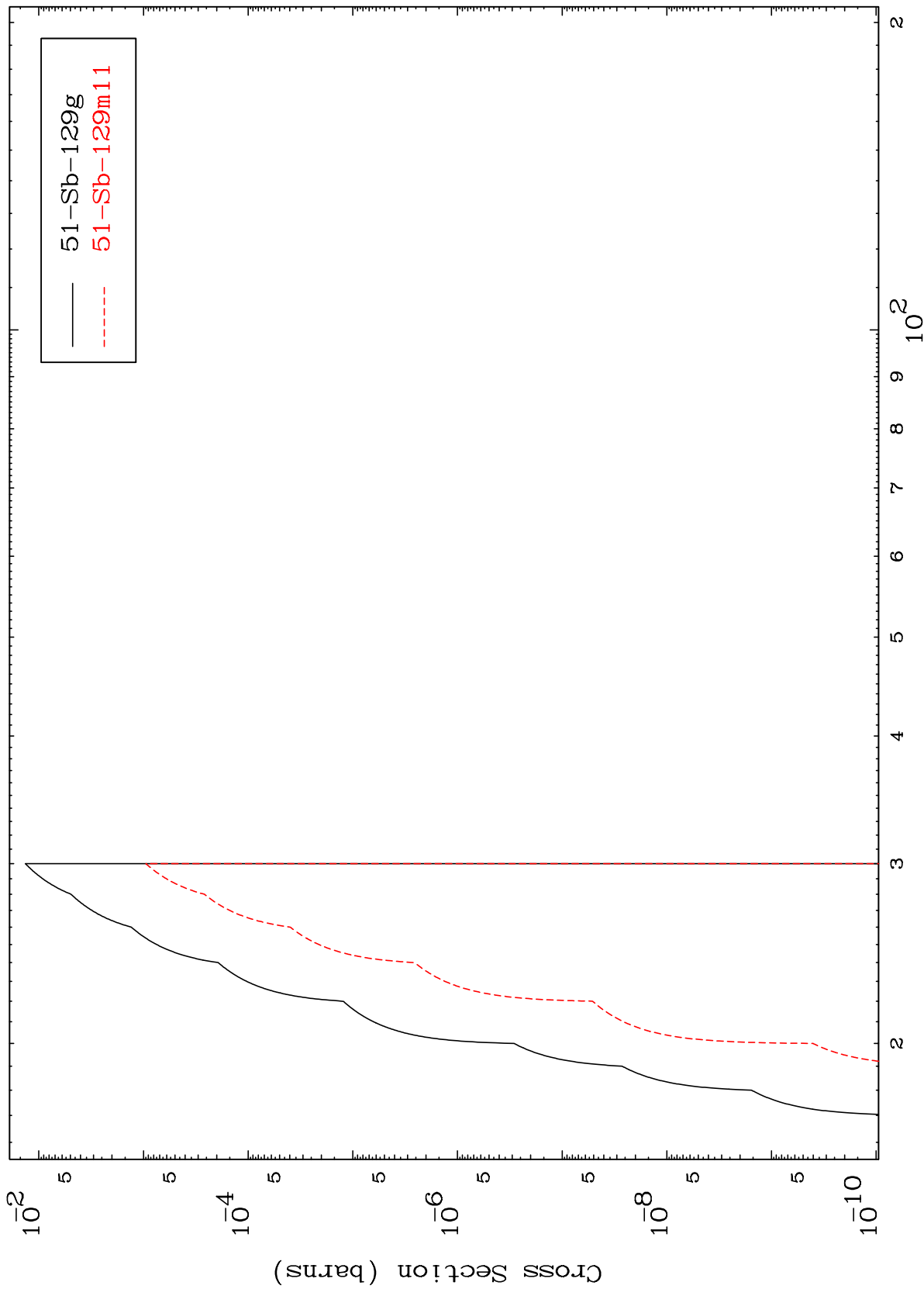
51-Sb-131

MAT 5155

(n,3n) p

51-Sb-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

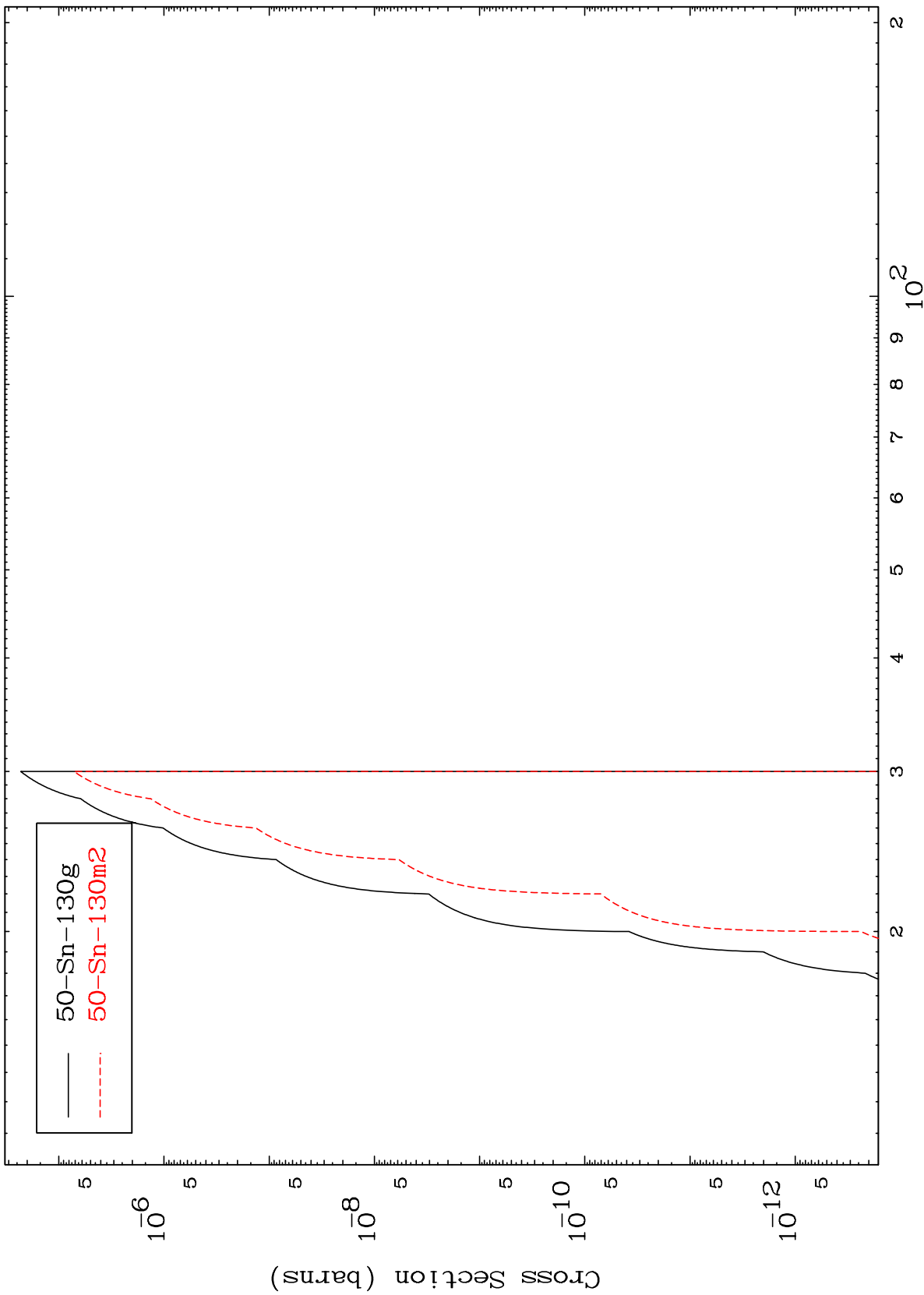
51-Sb-131

MAT 5155

(n,2n) p

51-Sb-131

Radionuclide Production Cross Section

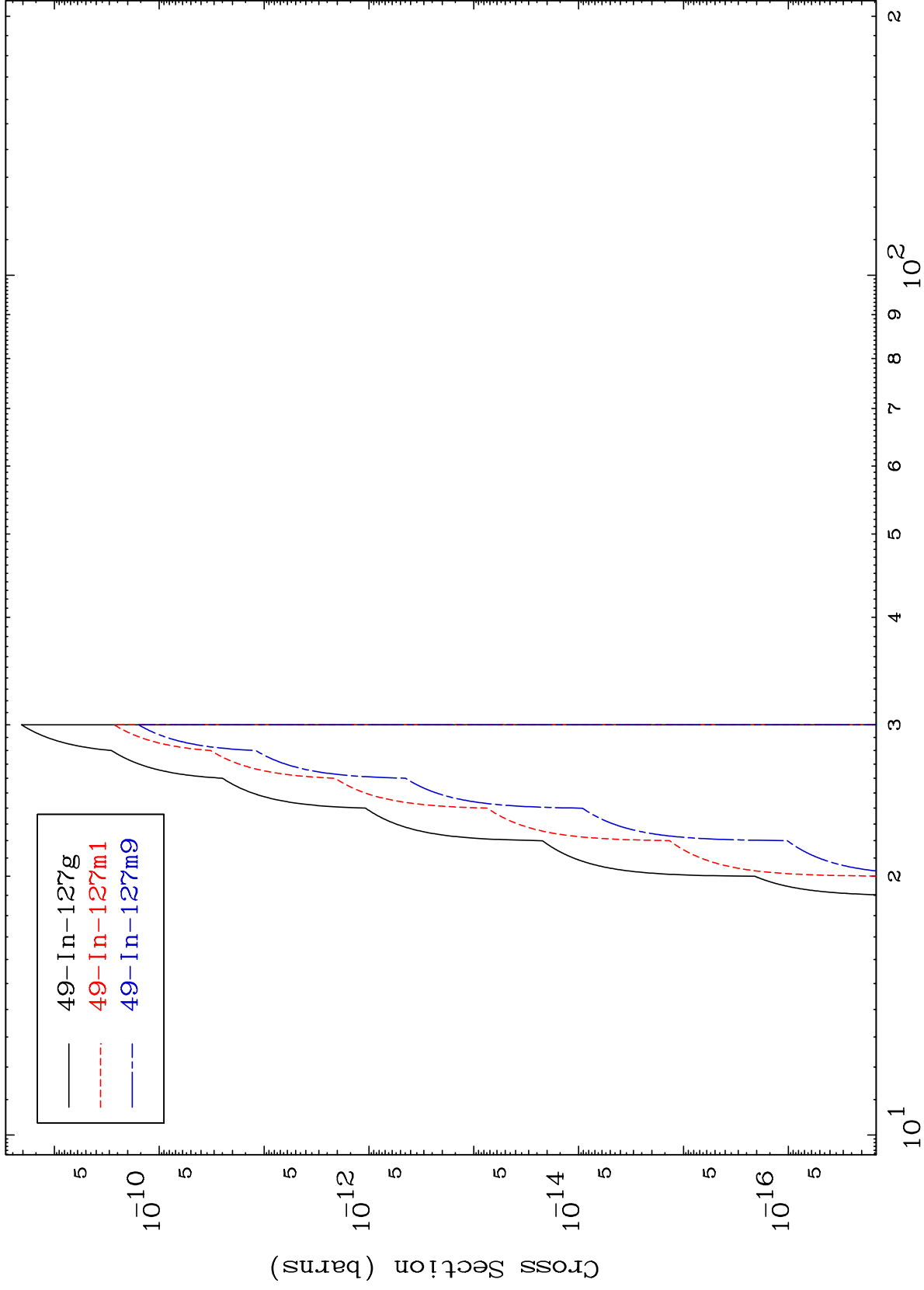


MAT 5155

(n,n') p α

51-Sb-131

Radionuclide Production Cross Section



Incident Energy (MeV)

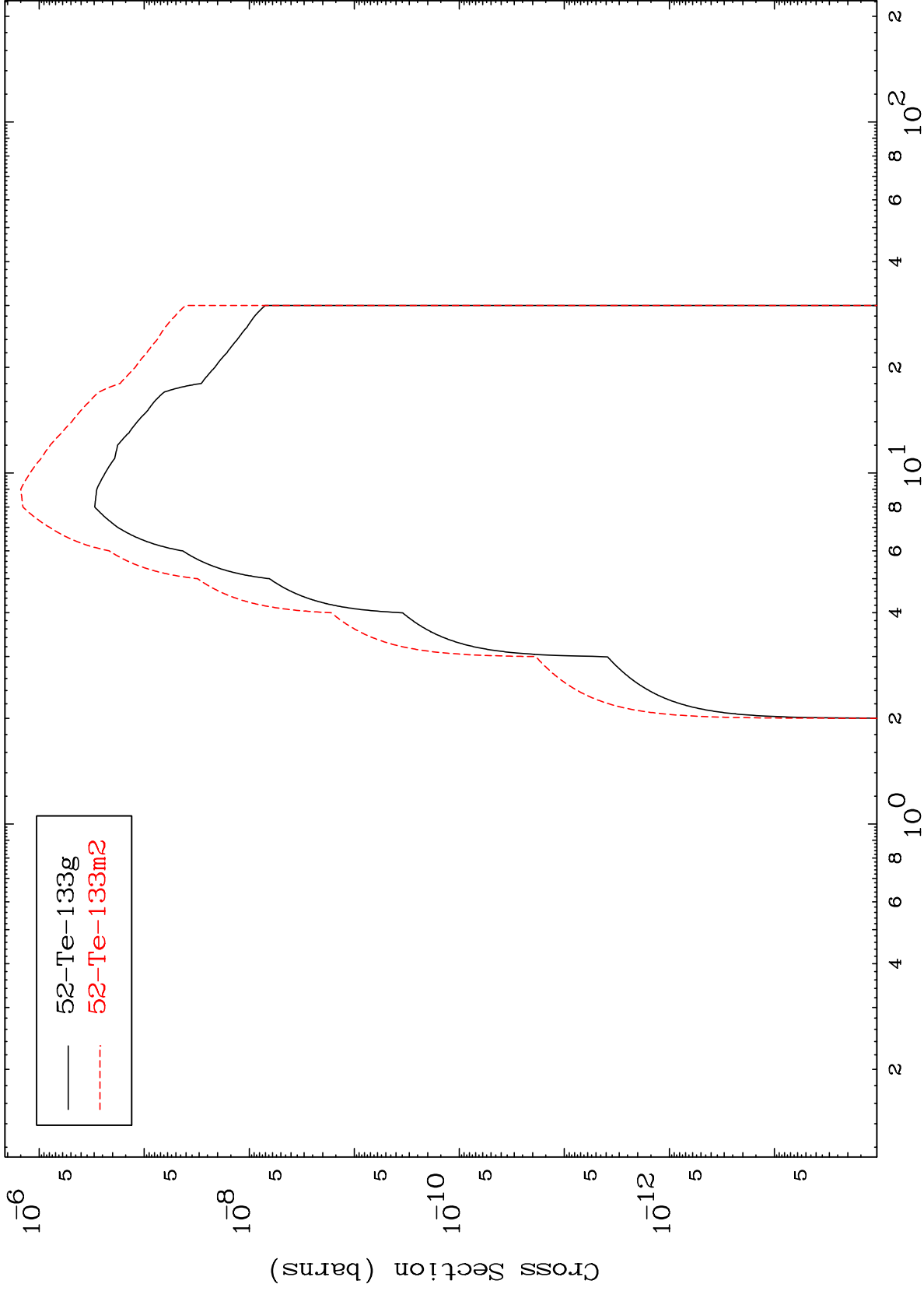
51-Sb-131

23

MAT 5155

51-Sb-131

(n, γ)
Radionuclide Production Cross Section



24

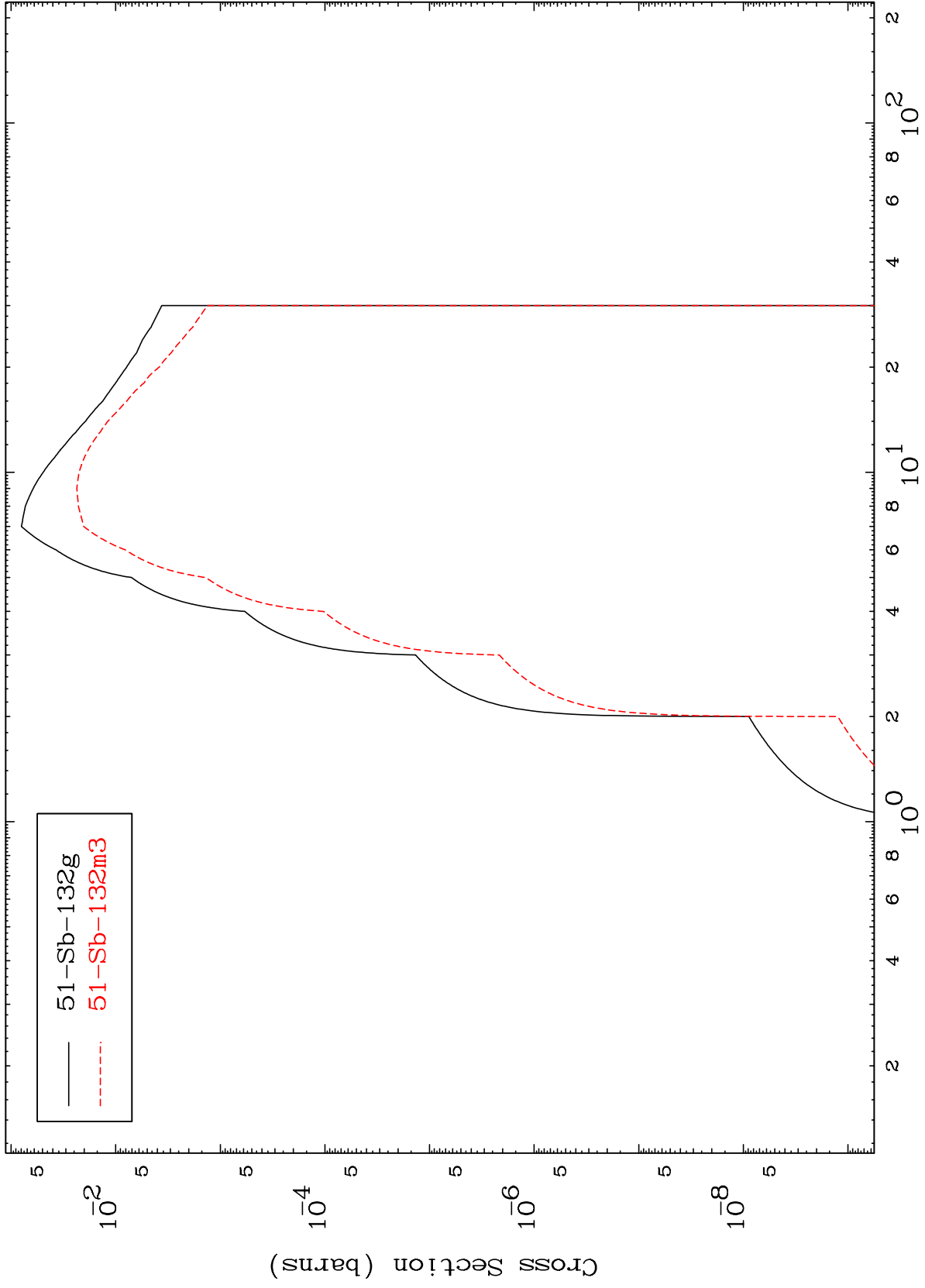
51-Sb-131

Incident Energy (MeV)

MAT 5155

51-Sb-131

(n,p)
Radionuclide Production Cross Section

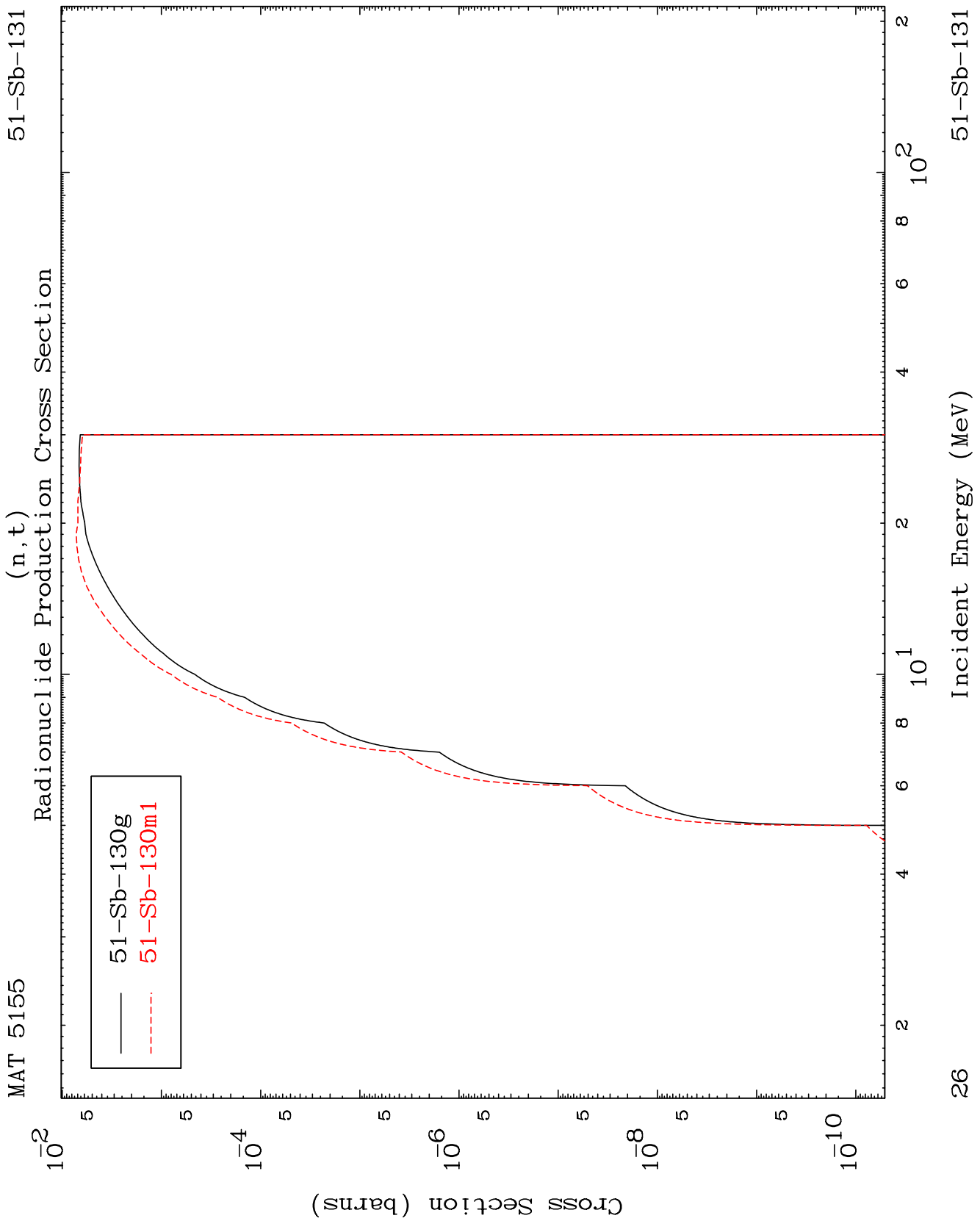


— 51-Sb-132g
- - - 51-Sb-132m3

25

51-Sb-131

Incident Energy (MeV)

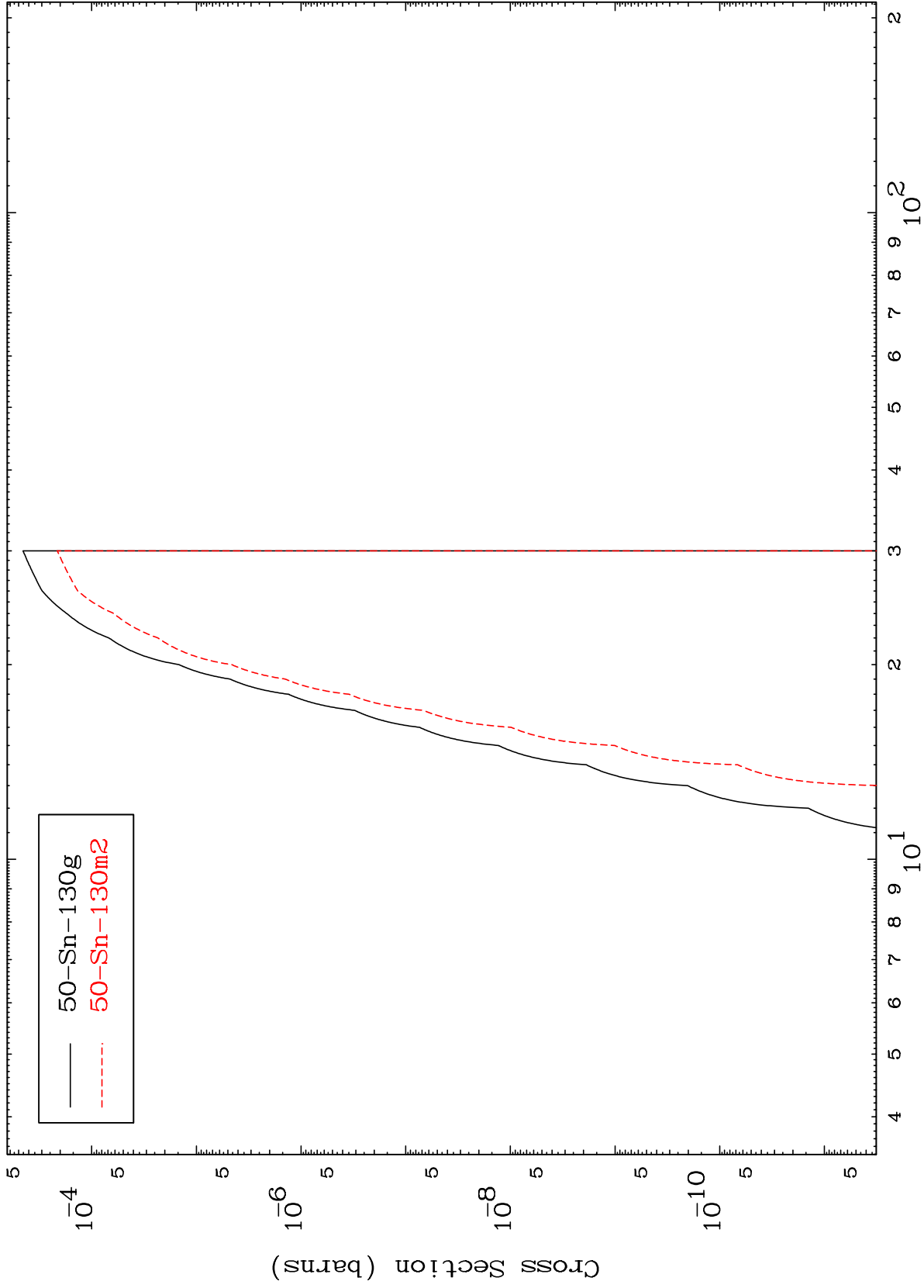


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(n,He-3)

51-Sb-131

Radionuclide Production Cross Section



27

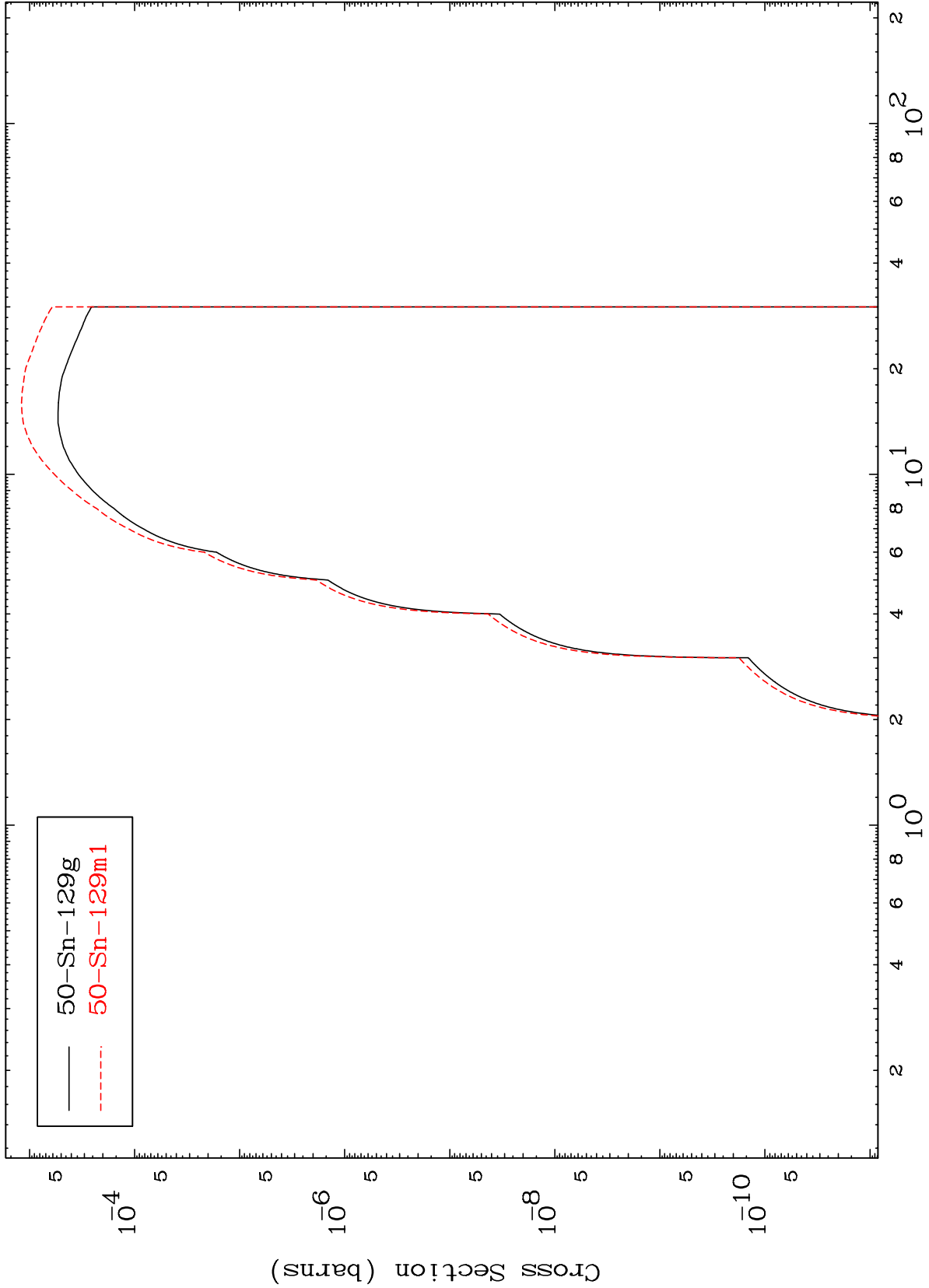
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

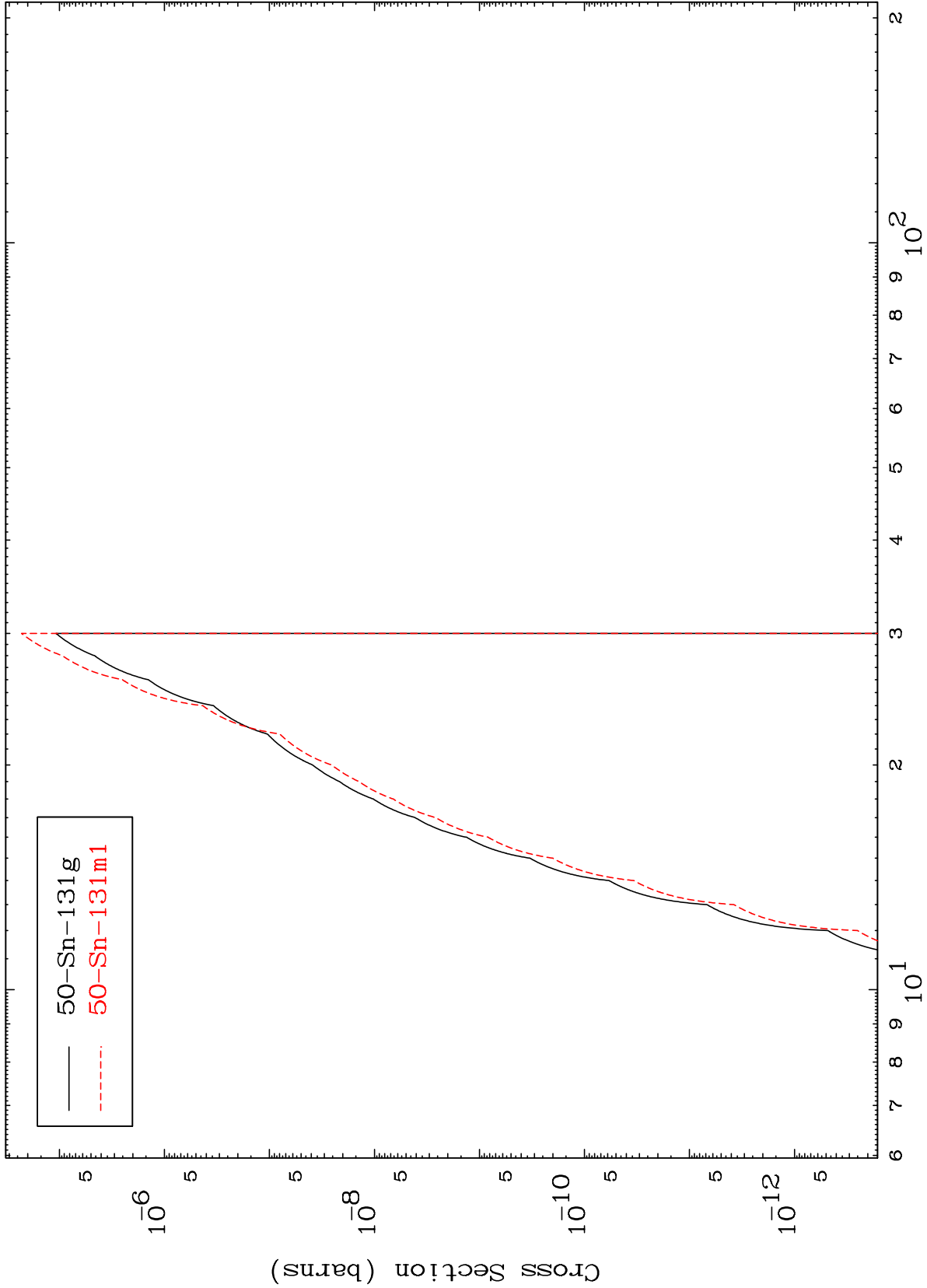
(n, α)
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

Radionuclide Production Cross Section
(n,2p)



29

Incident Energy (MeV)

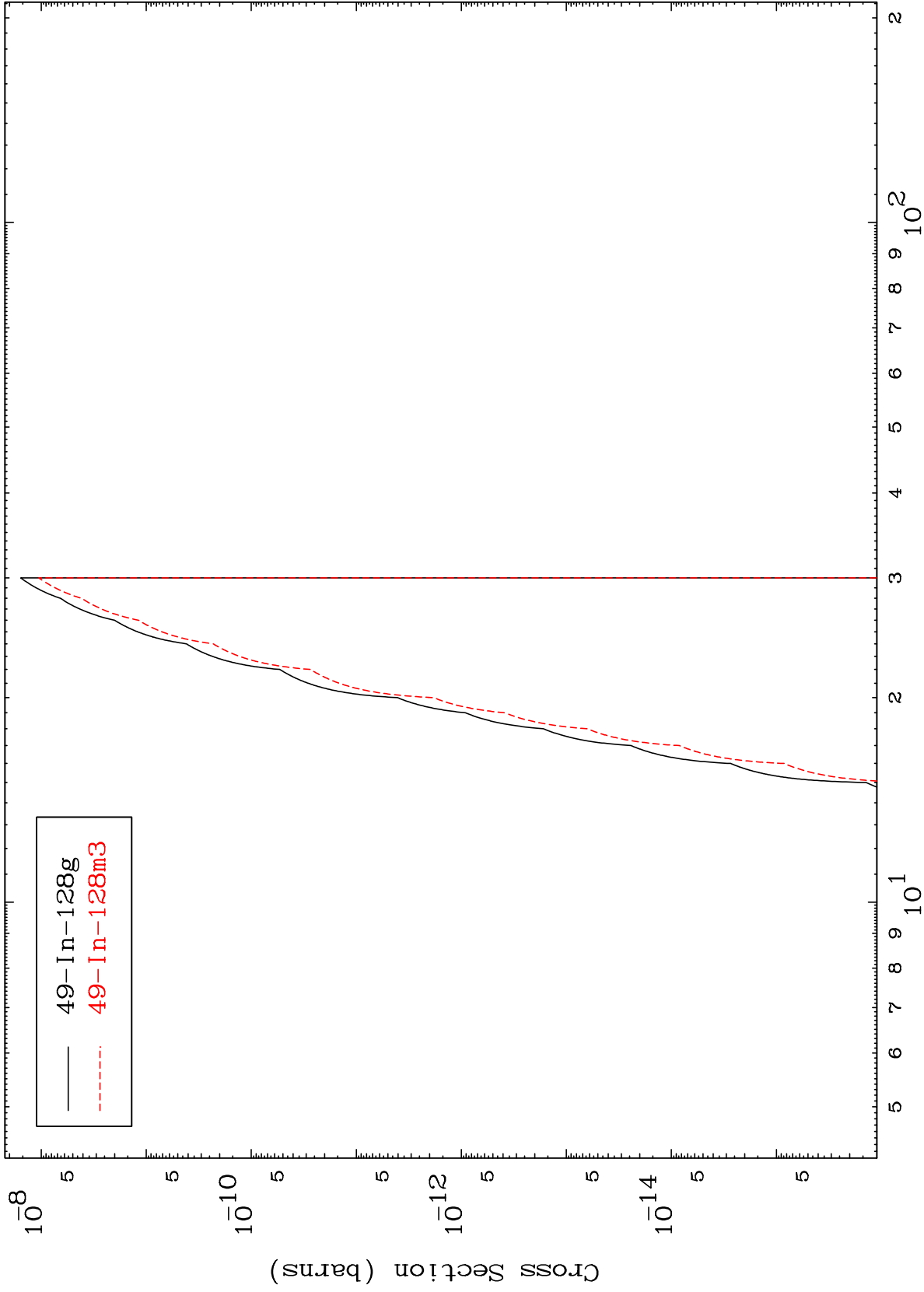
51-Sb-131

MAT 5155

(n,p) α

51-Sb-131

Radionuclide Production Cross Section



30

Incident Energy (MeV)

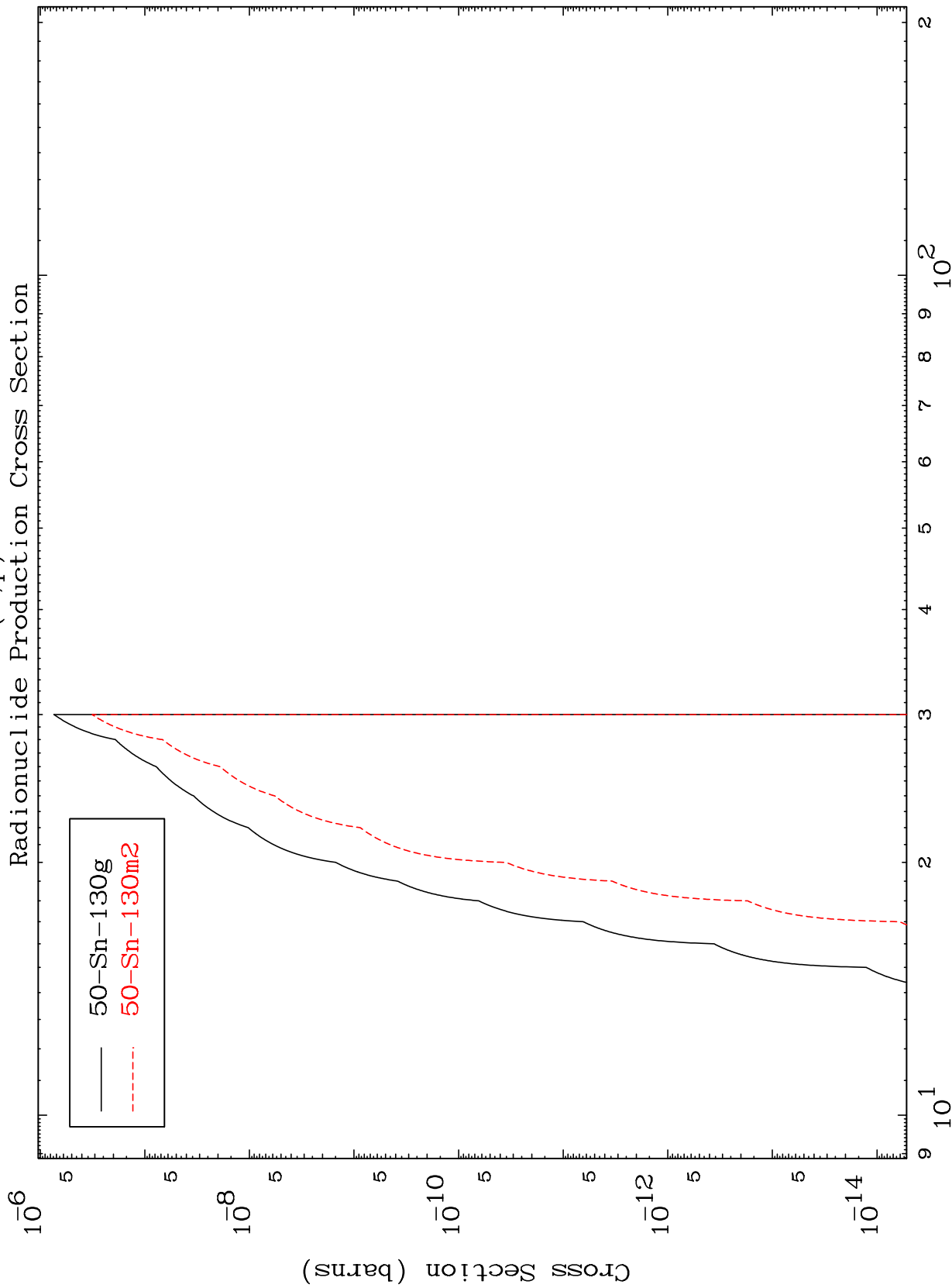
51-Sb-131

MAT 5155

(n,p) d

51-Sb-131

Radionuclide Production Cross Section



50-Sn-130g
50-Sn-130m2

31

Incident Energy (MeV)

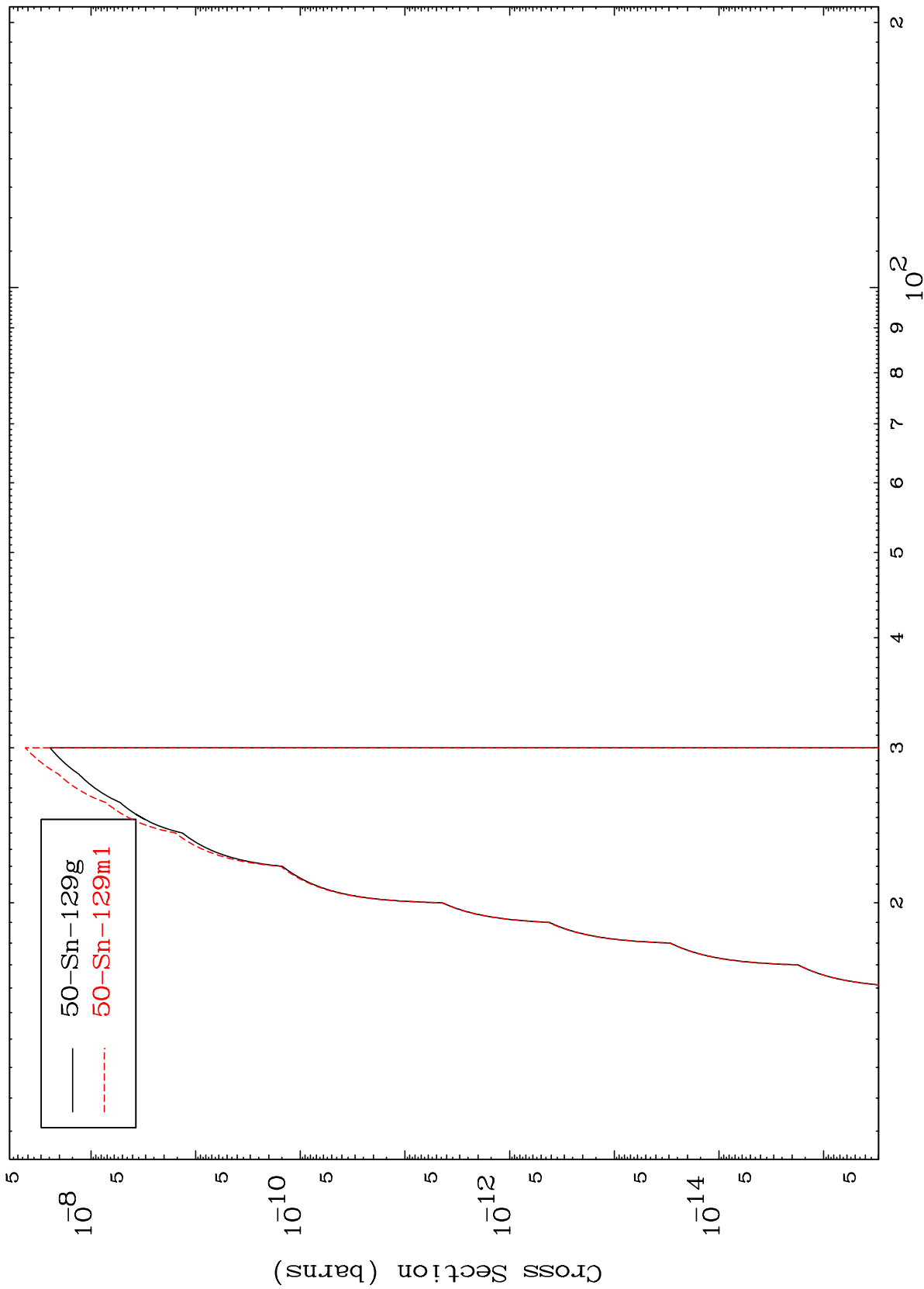
51-Sb-131

MAT 5155

(n,p) t

51-Sb-131

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-131

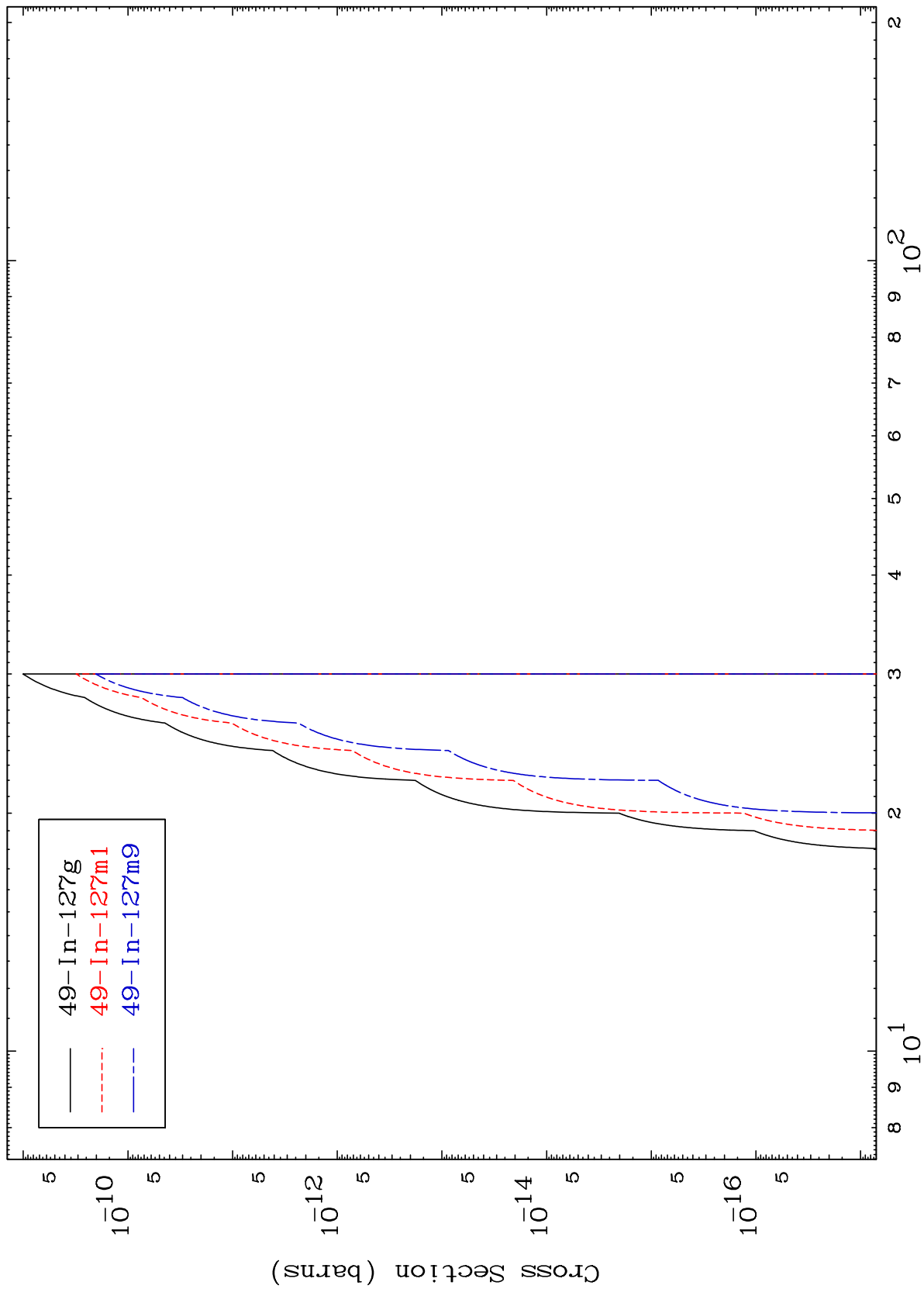
32

MAT 5155

(n,d) α

51-Sb-131

Radionuclide Production Cross Section



33

Incident Energy (MeV)

51-Sb-131