

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

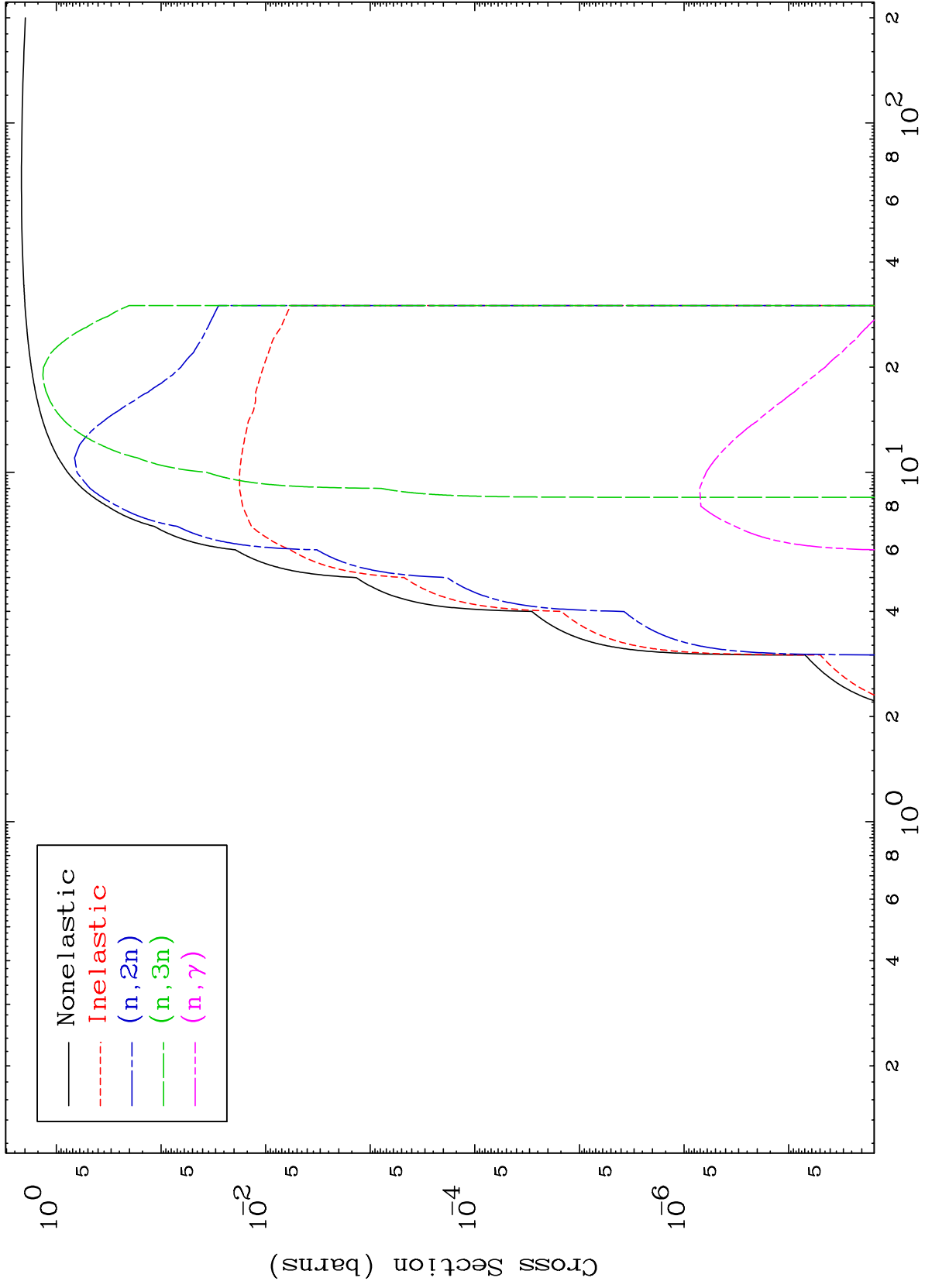
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

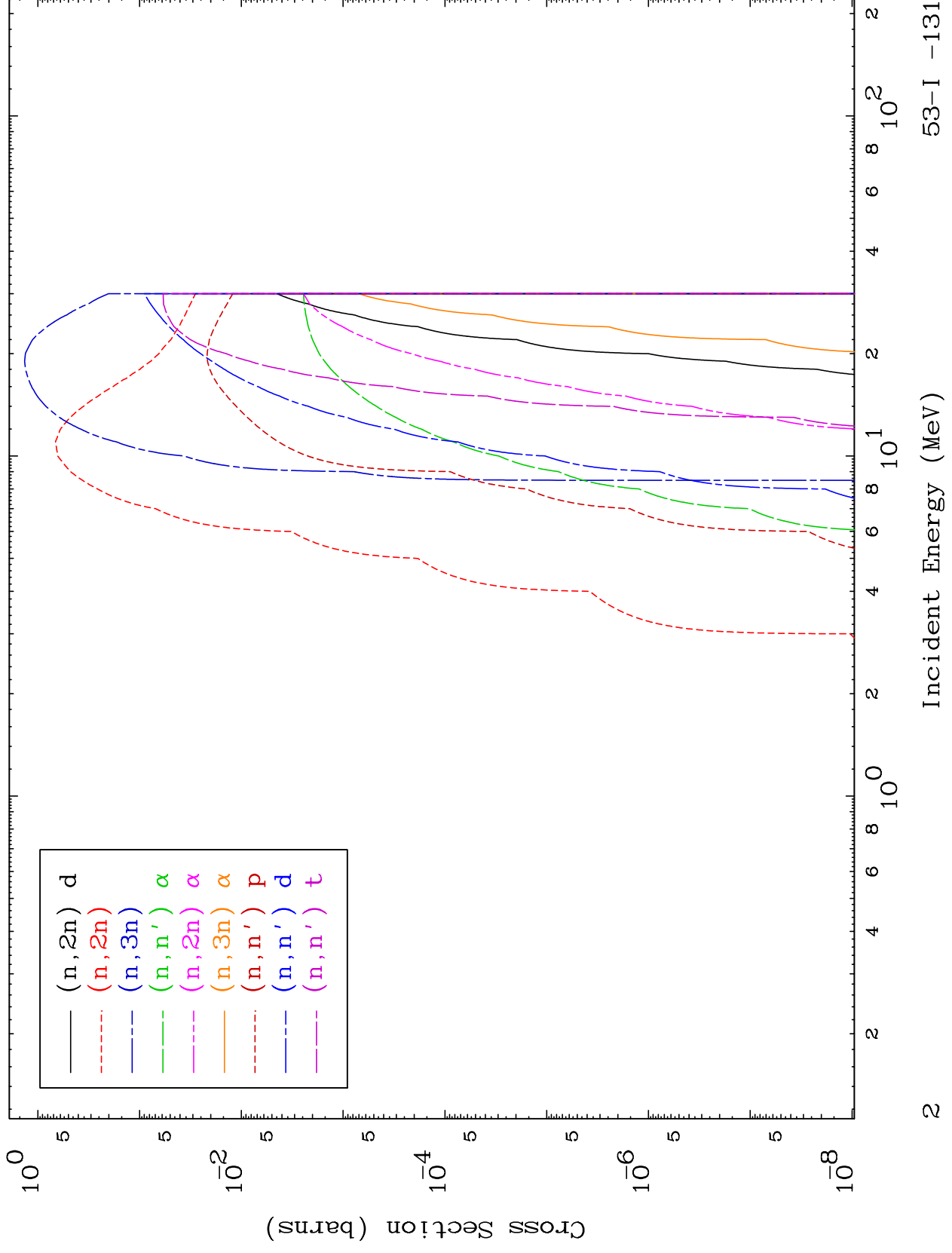
Tele: 925-443-1911

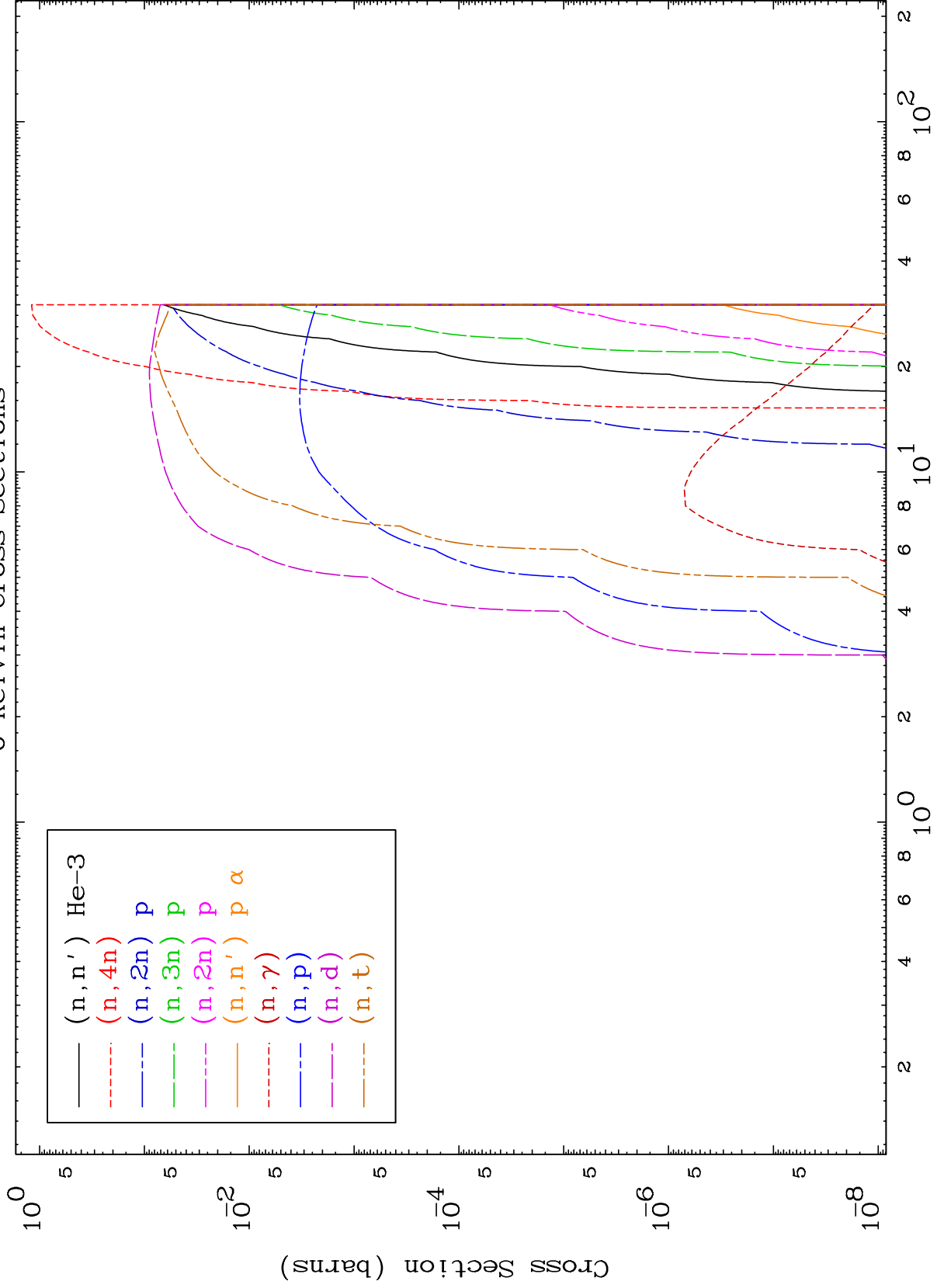
E.Mail:redcullen1@comcast.net

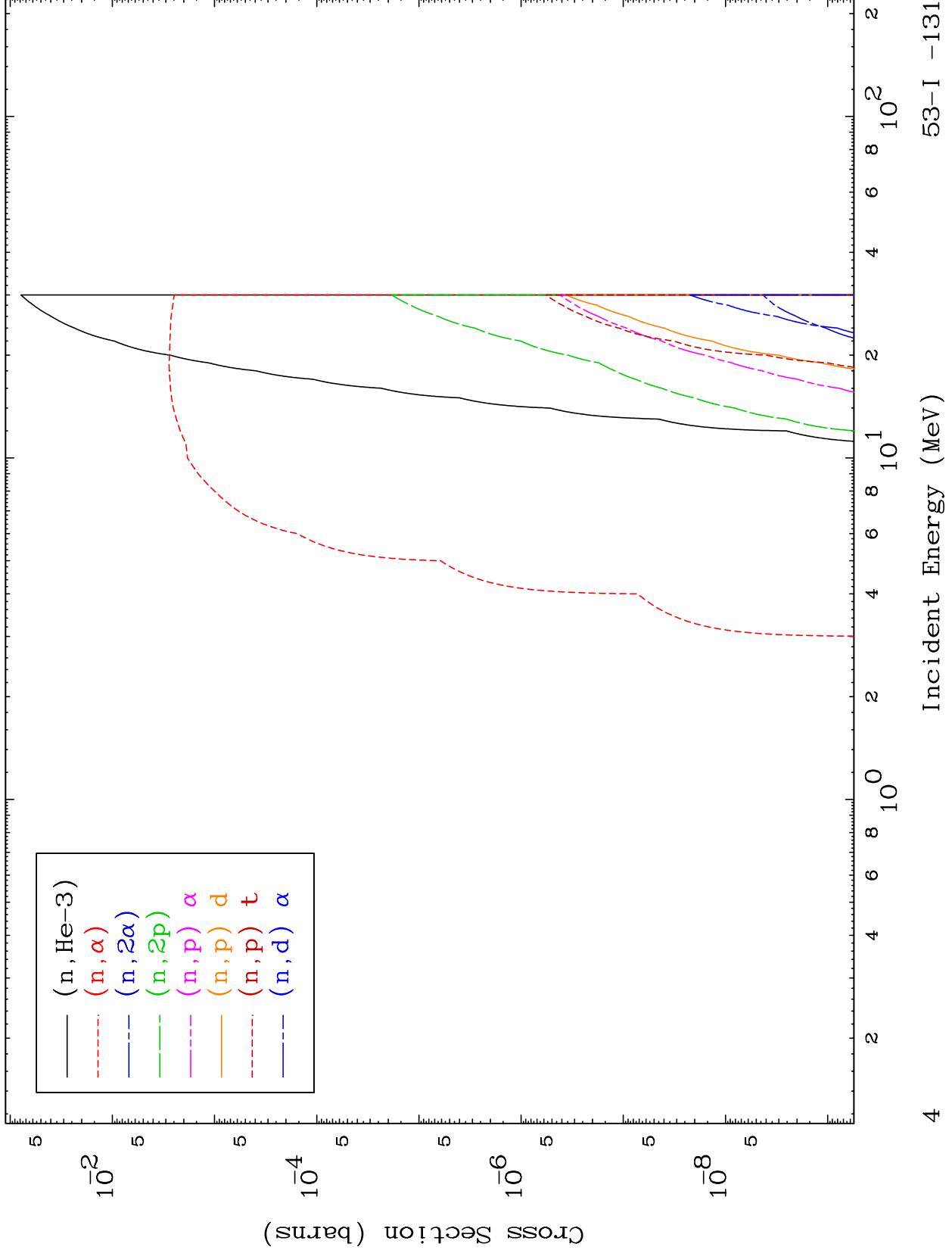
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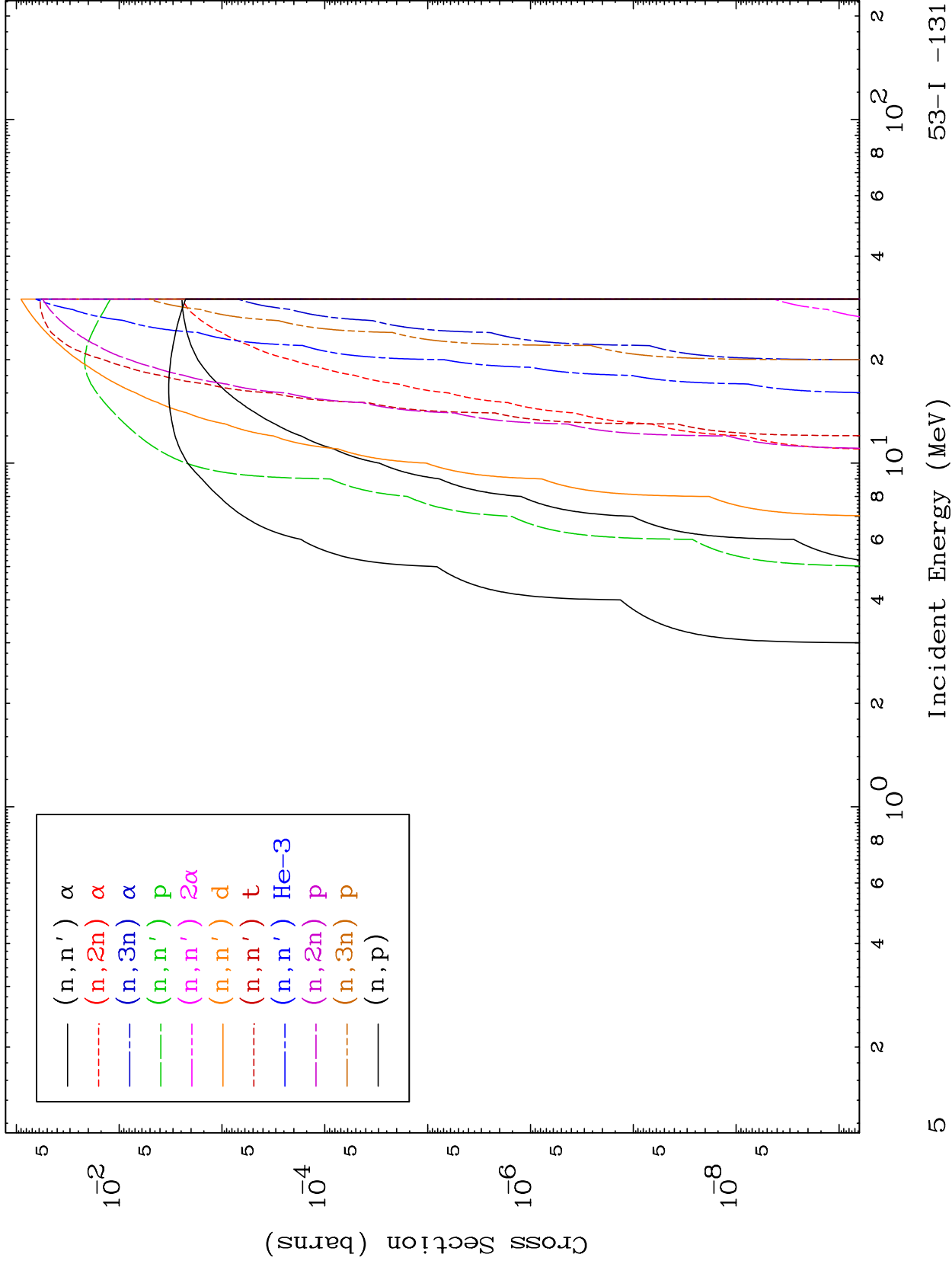
Press Mouse Button to Start

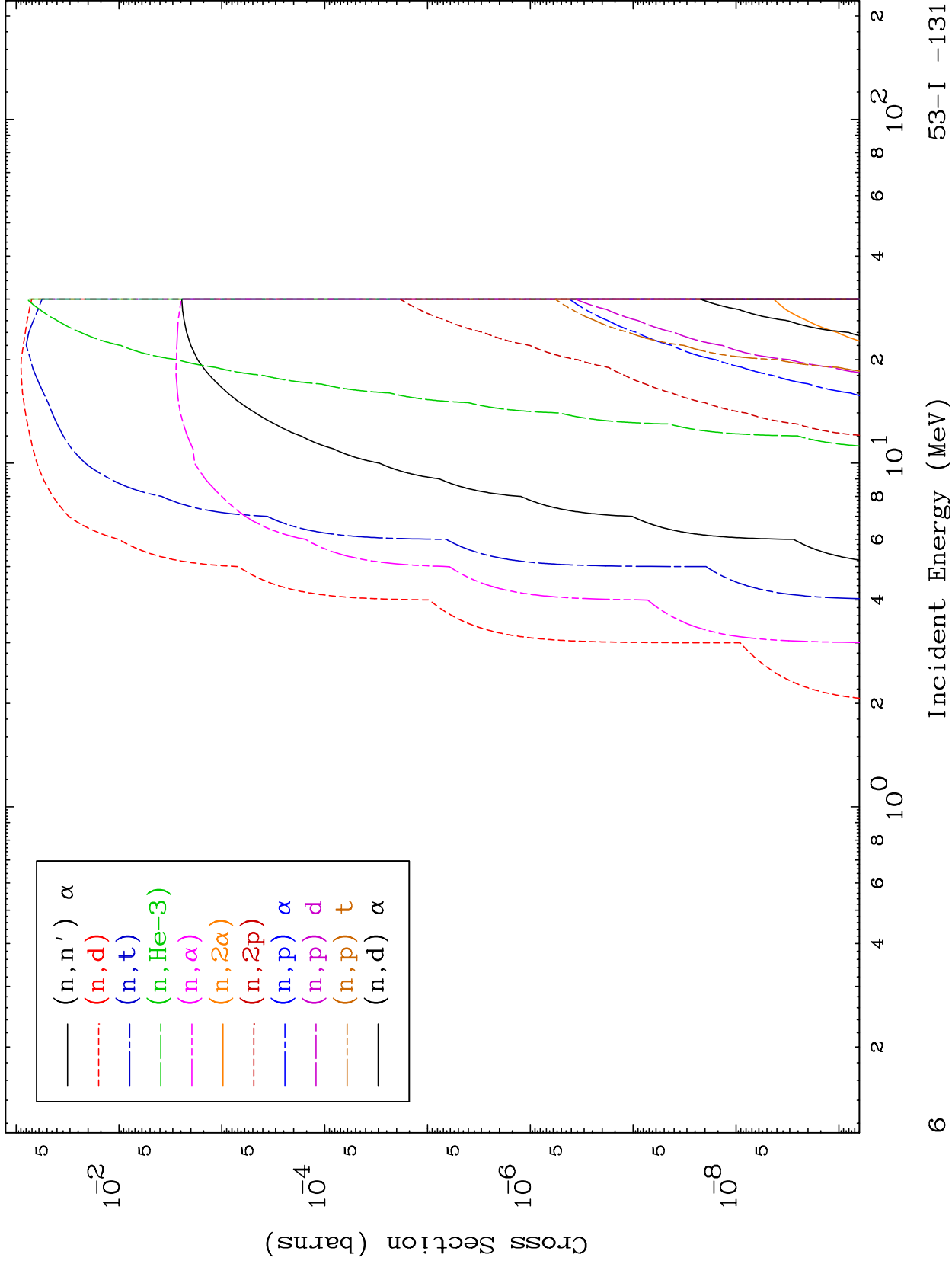


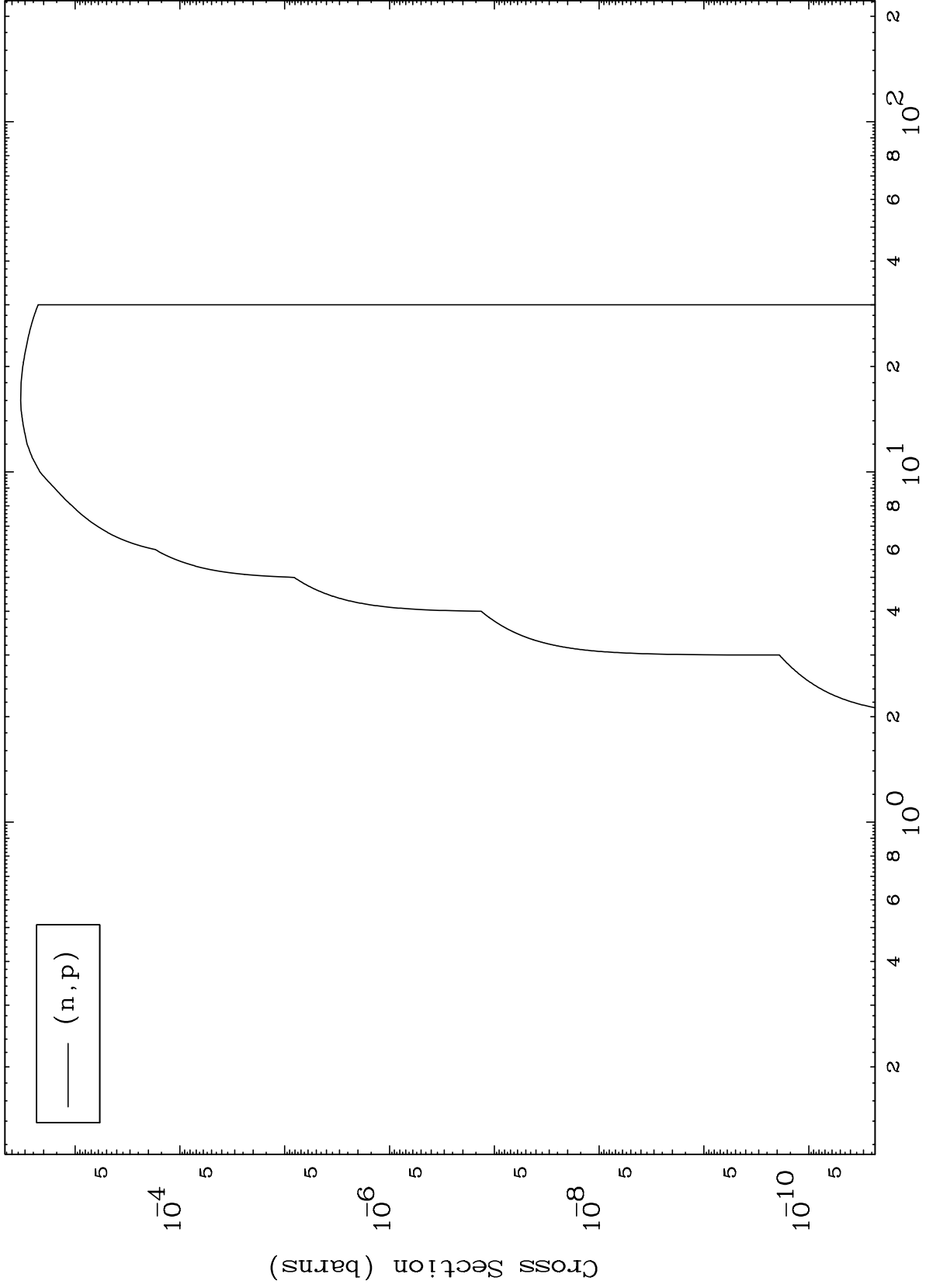


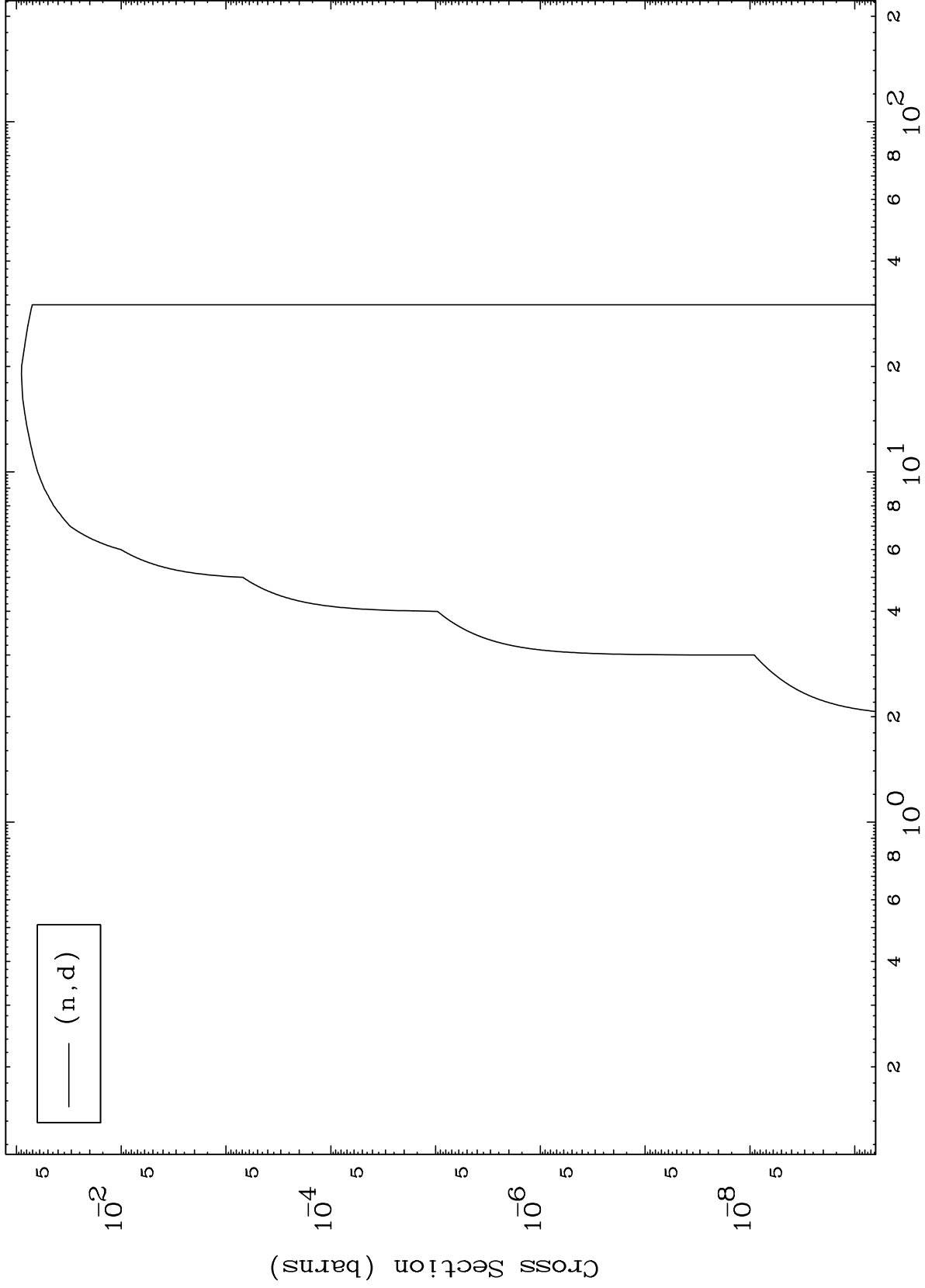




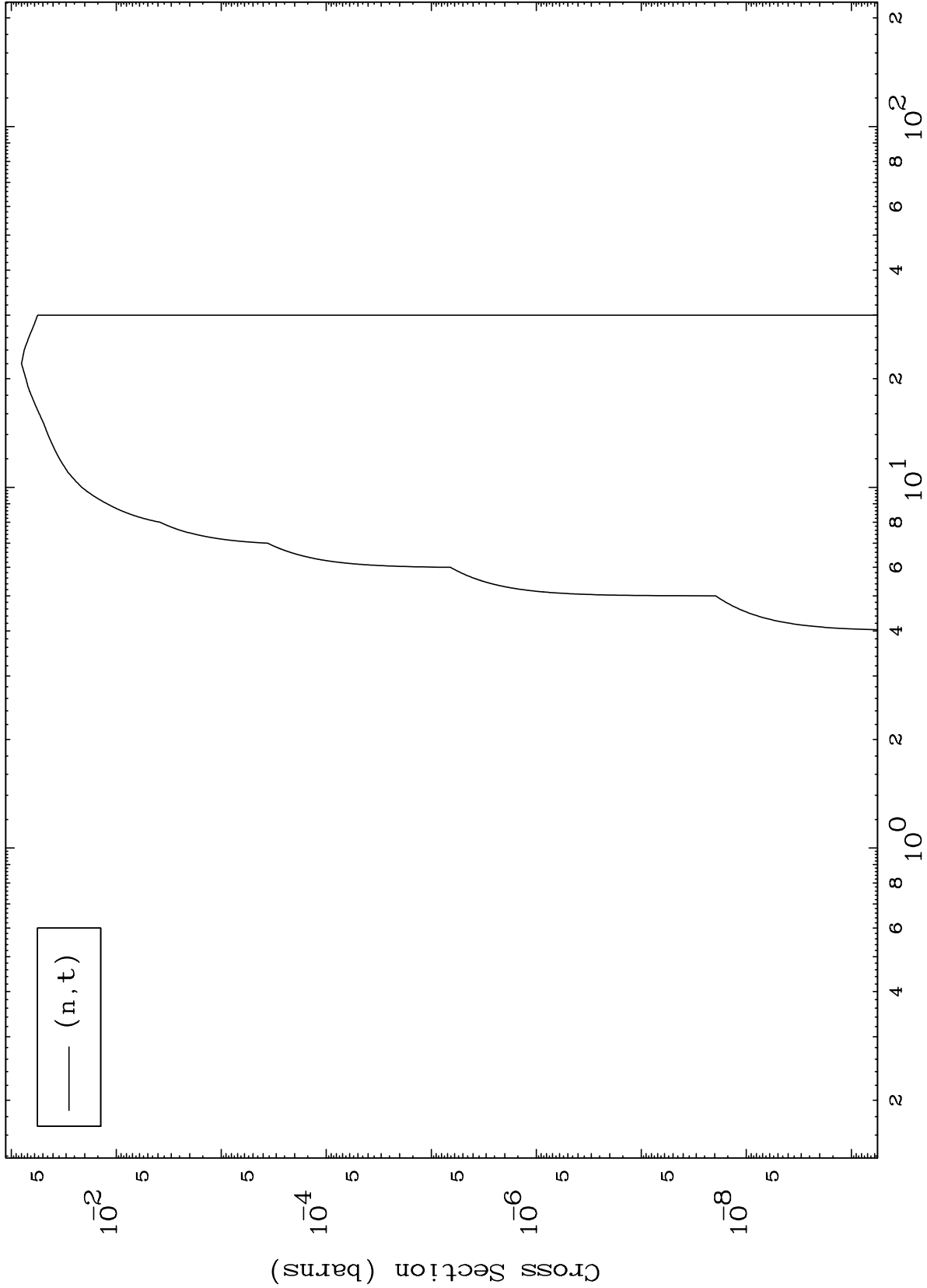








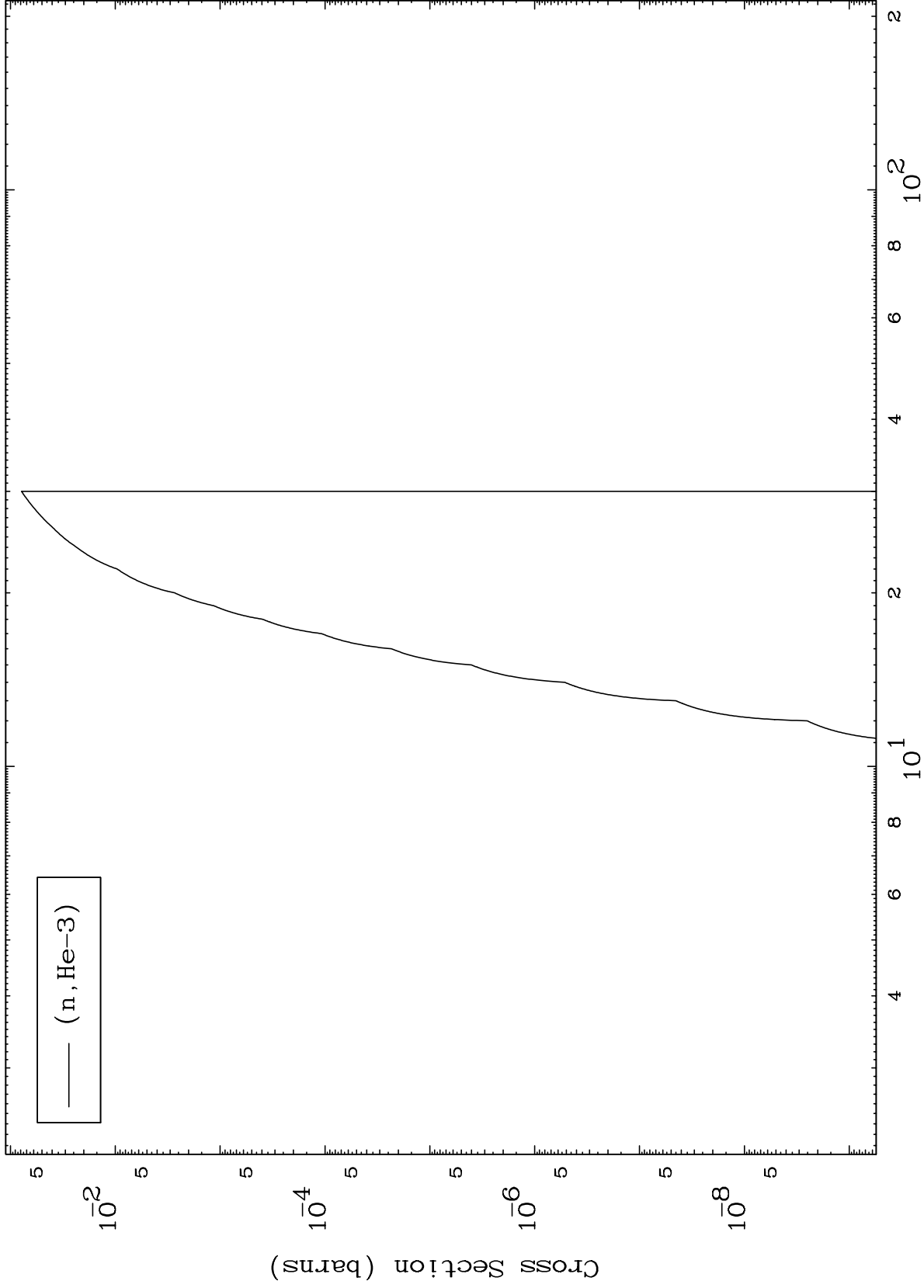
(t,t) Levels
0 Kelvin Cross Sections



MAT 5337

(t,He3) Levels
0 Kelvin Cross Sections

53-I -131

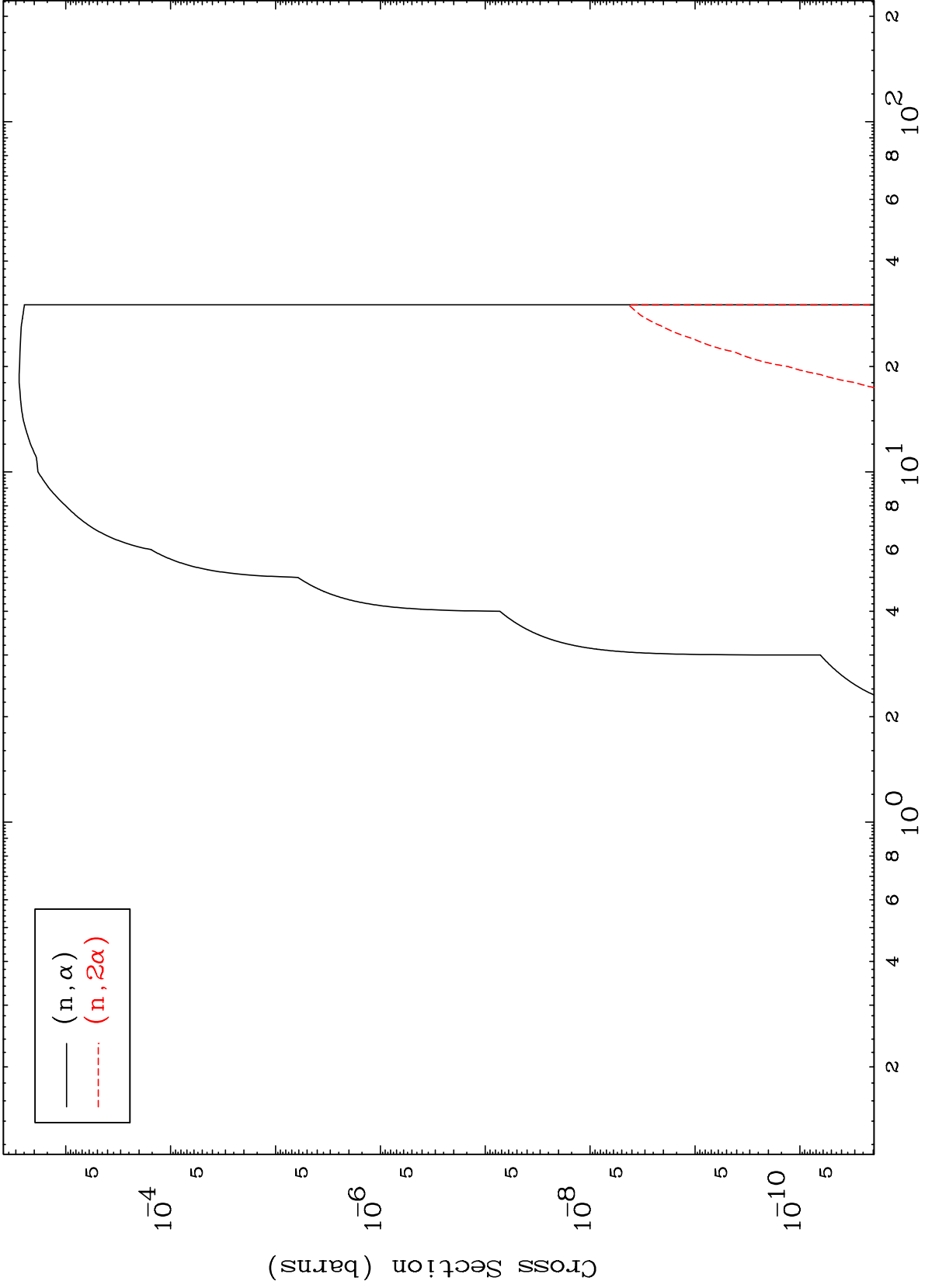


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Incident Energy (MeV)

53-I -131

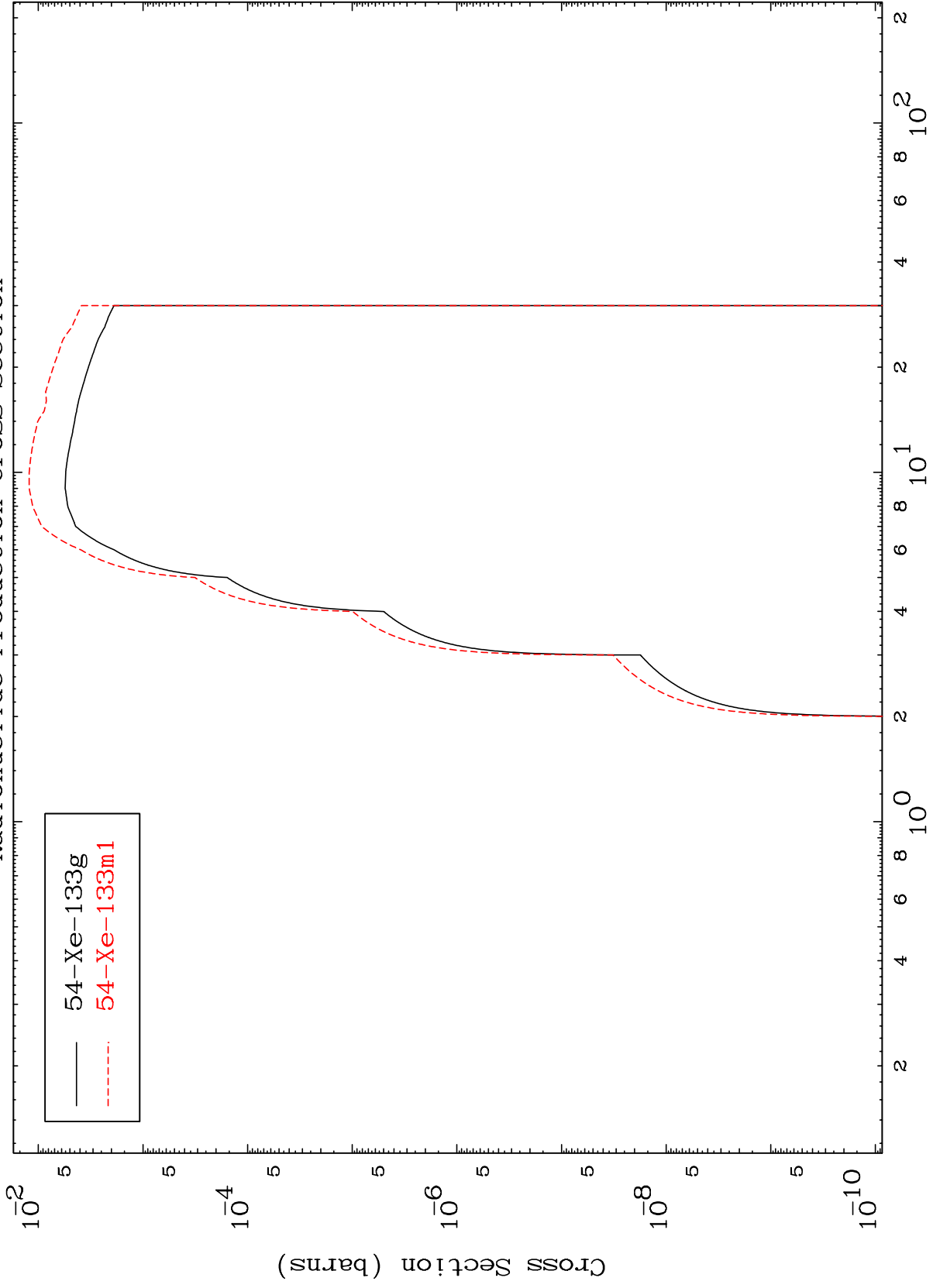
(t, α) Levels
0 Kelvin Cross Sections



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53-I -131

Inelastic
Radionuclide Production Cross Section



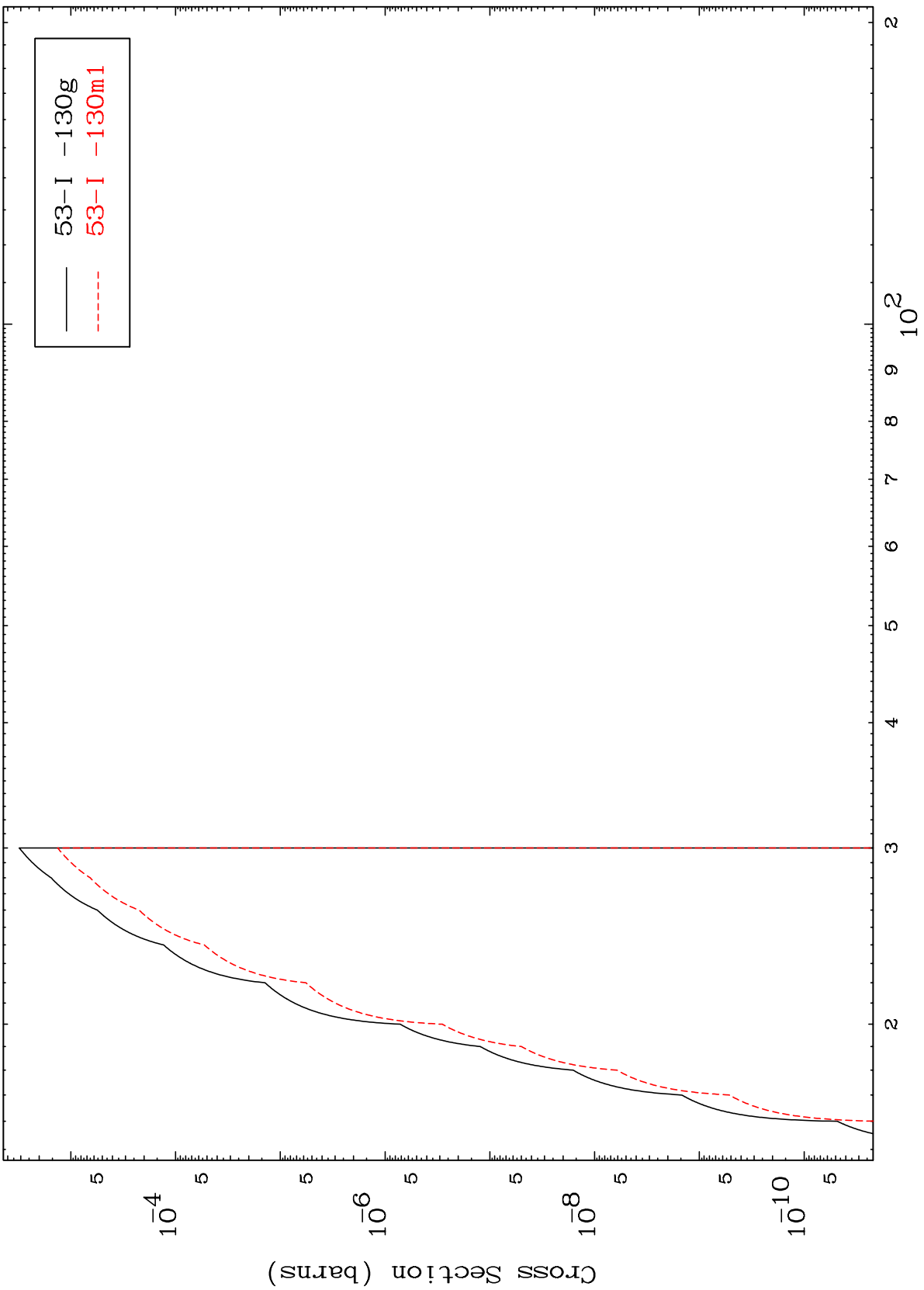
— 54-Xe-133g
- - - 54-Xe-133m1

53-I -131

Incident Energy (MeV)

12

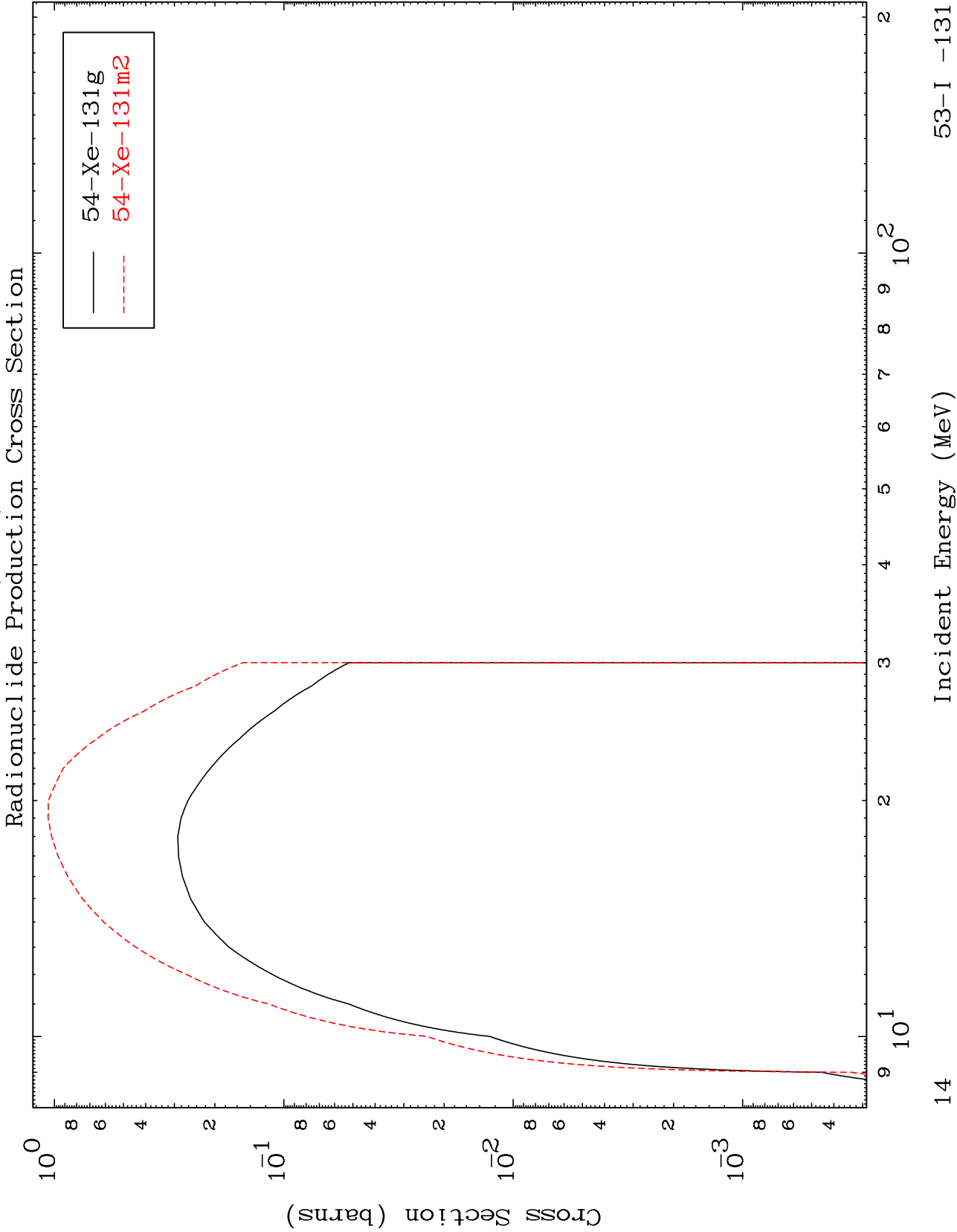
Radionuclide Production Cross Section



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(n,3n)

53-I -131



14

Incident Energy (MeV)

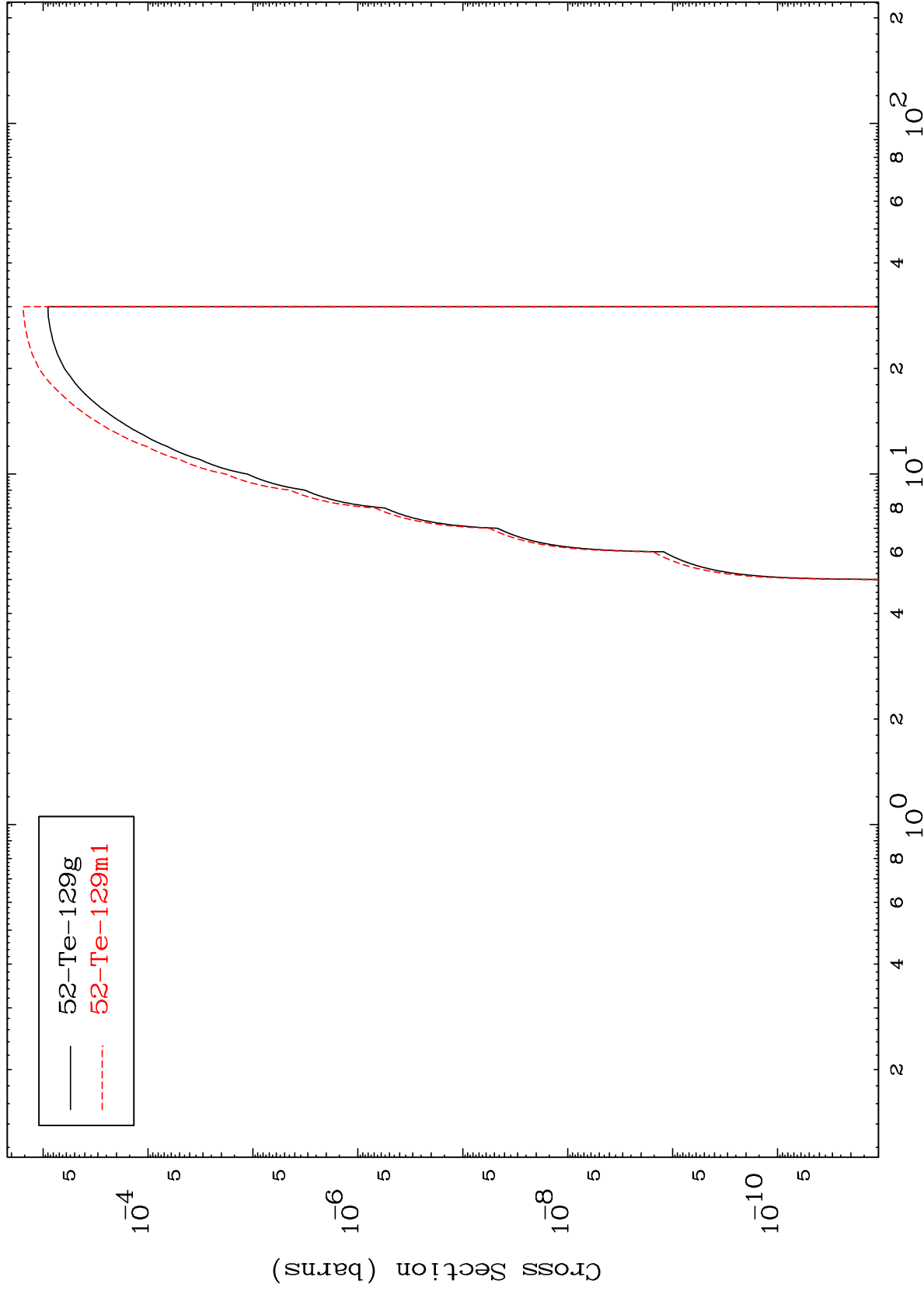
53-I -131

MAT 5337

(n,n') α

53-I -131

Radionuclide Production Cross Section

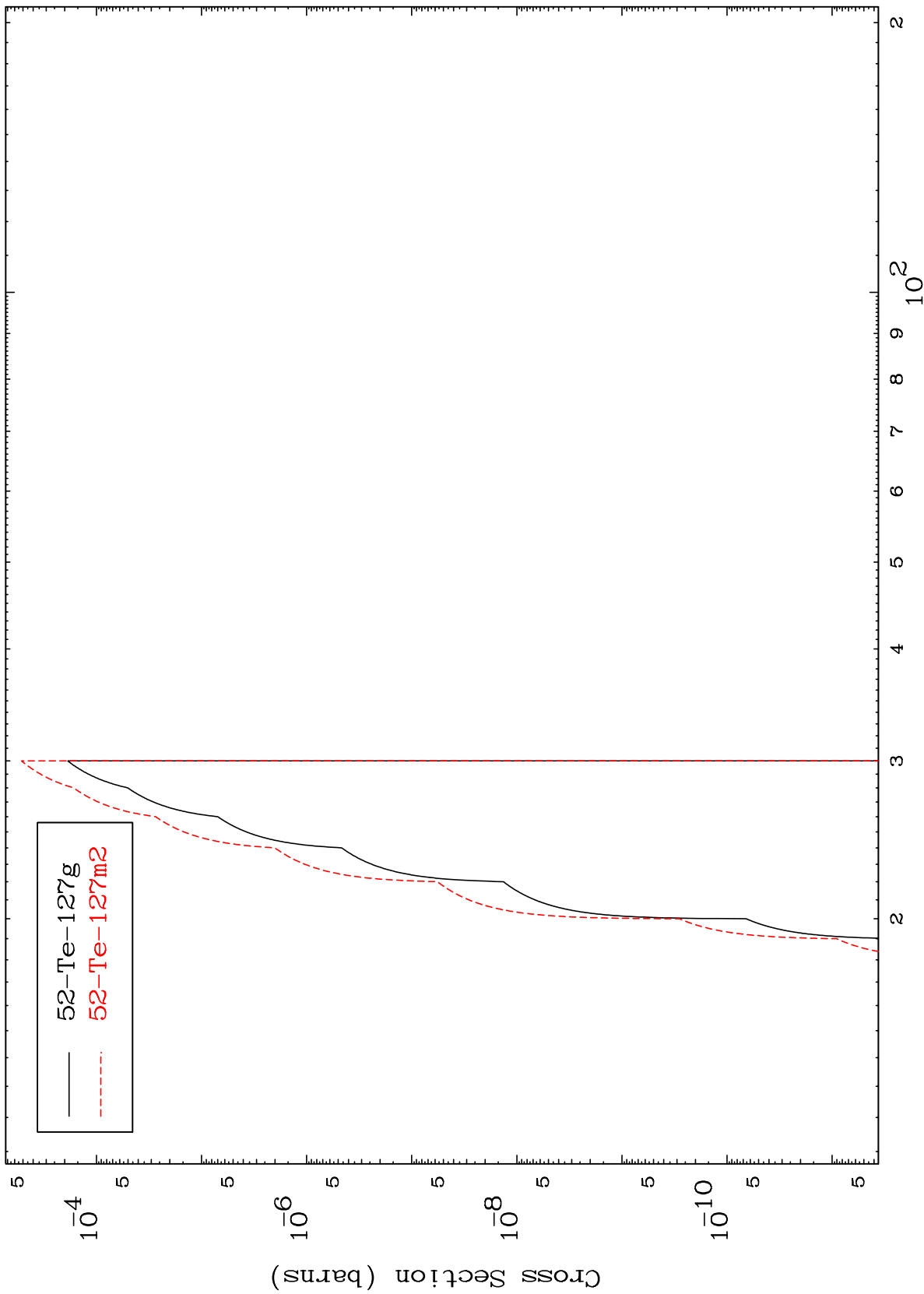


15

Incident Energy (MeV)

53-I -131

Radionuclide Production Cross Section

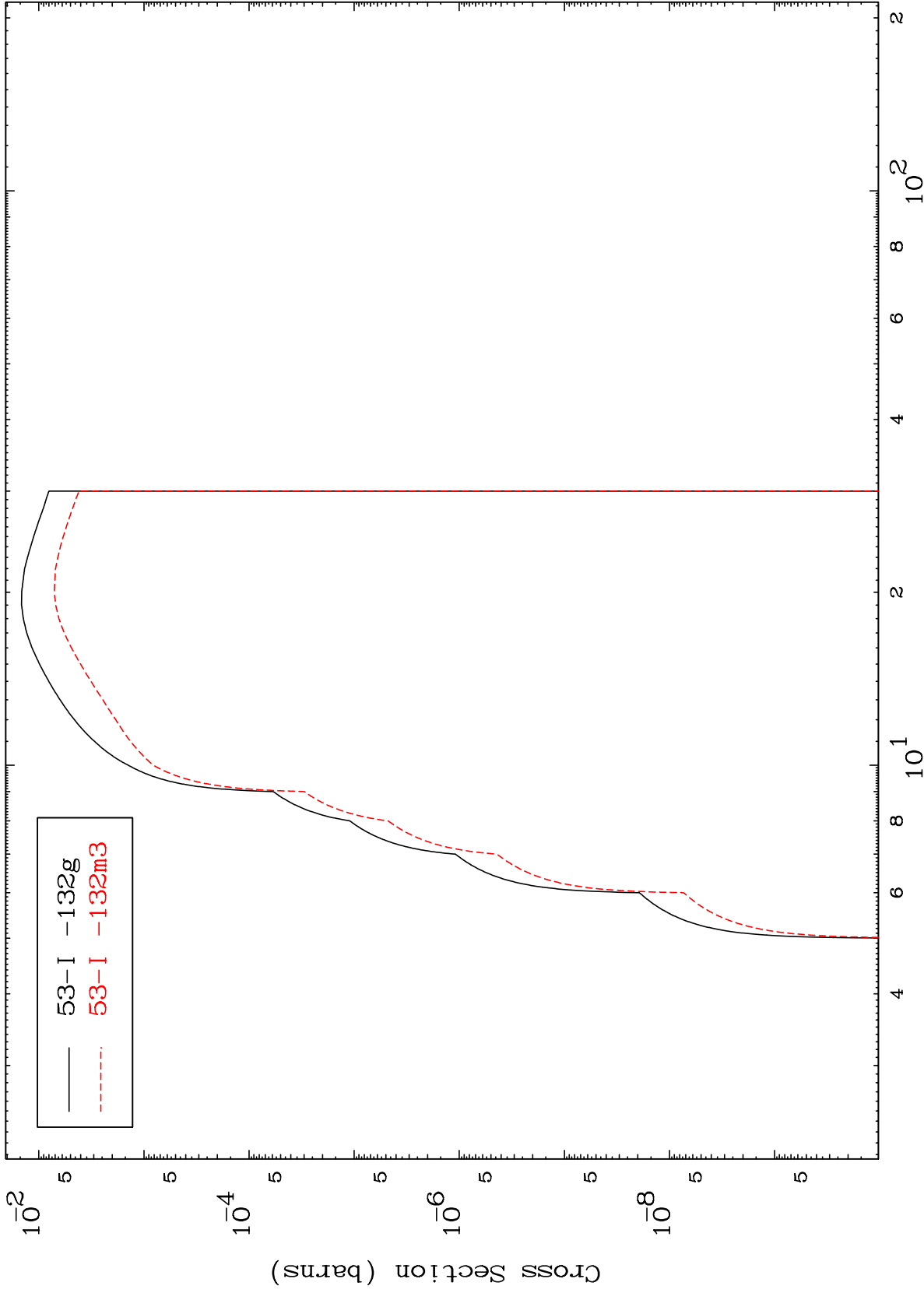


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(n,n') p

53-I -131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

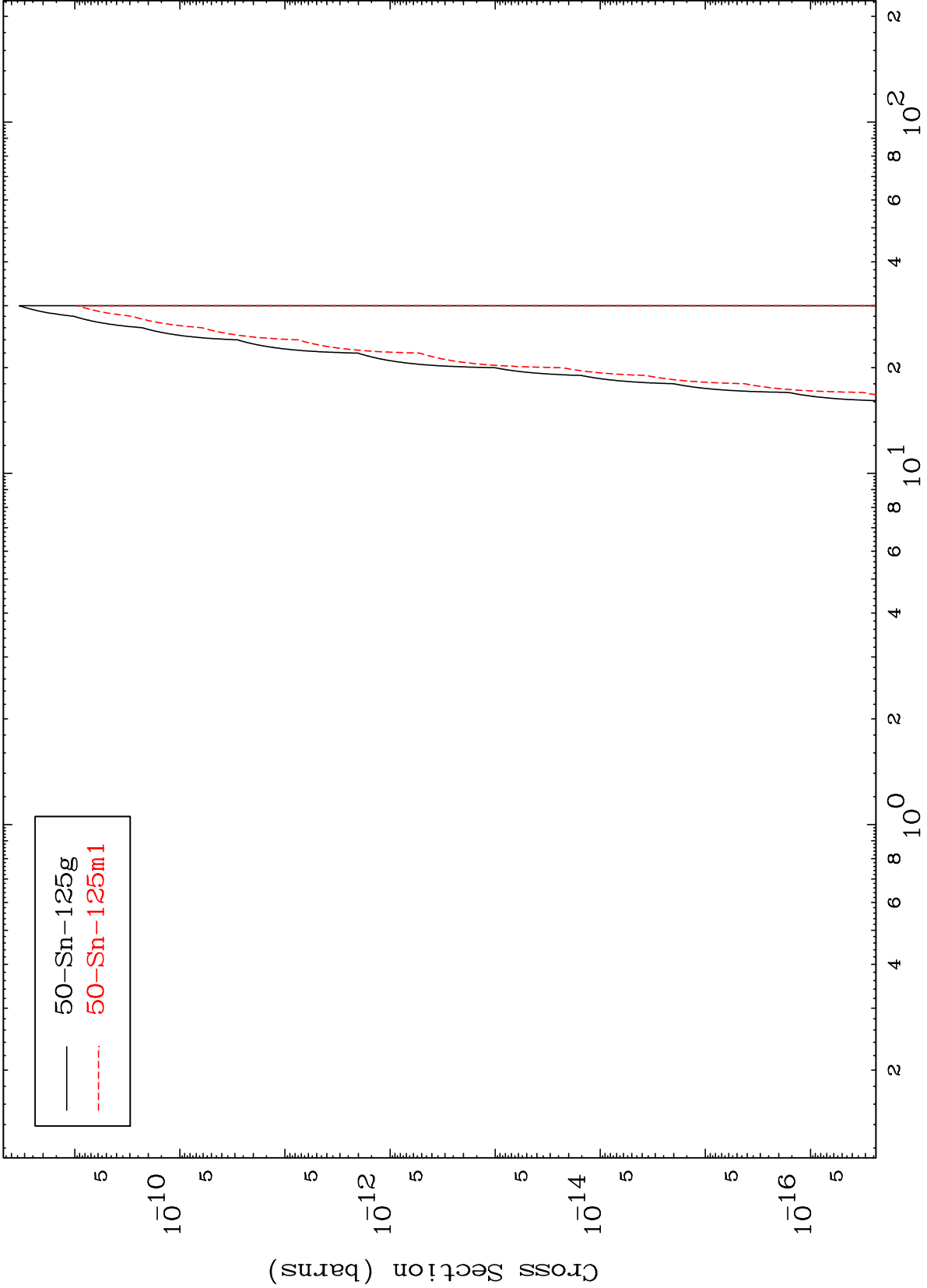
53-I -131

MAT 5337

(n,n') 2α

53-I -131

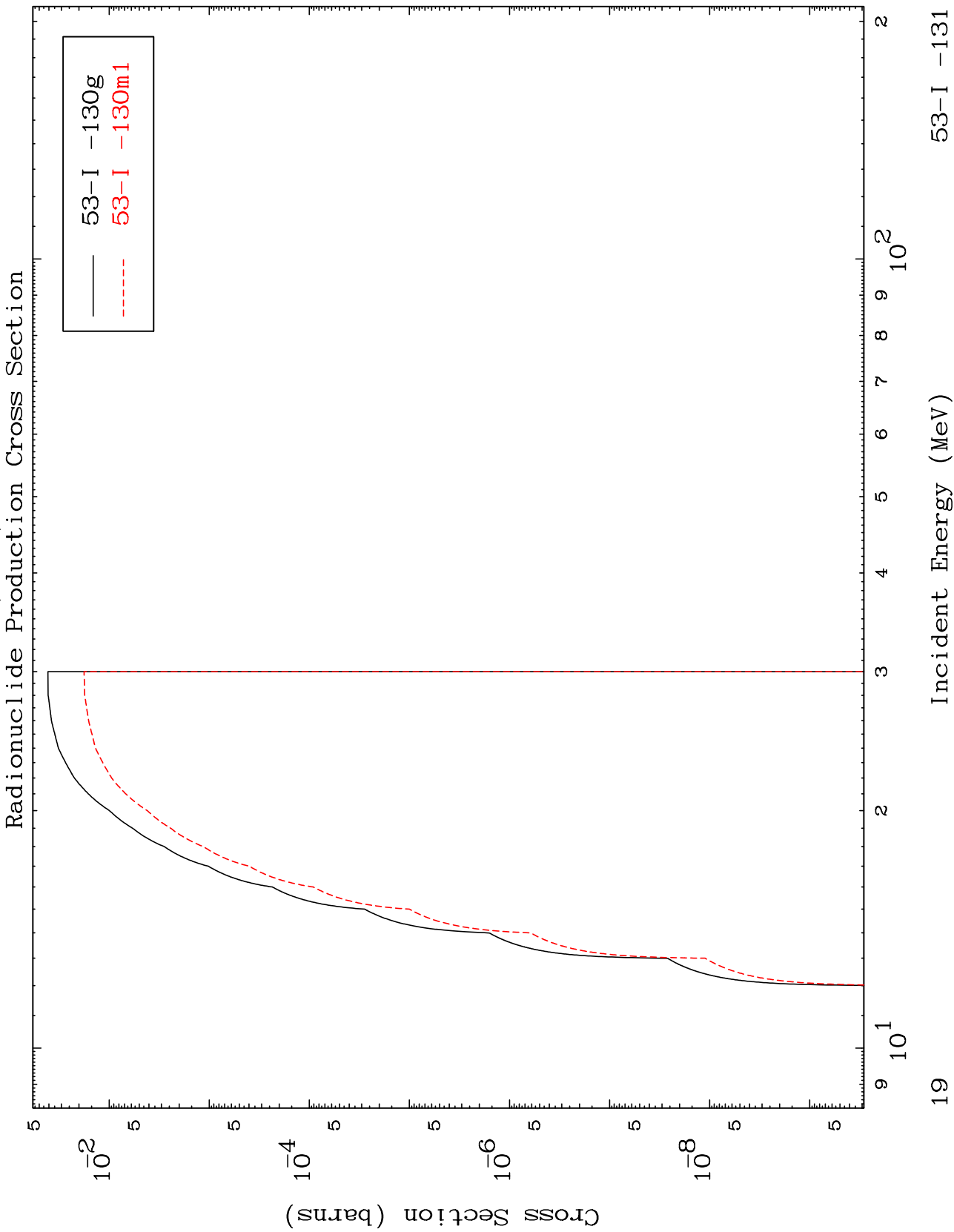
Radionuclide Production Cross Section



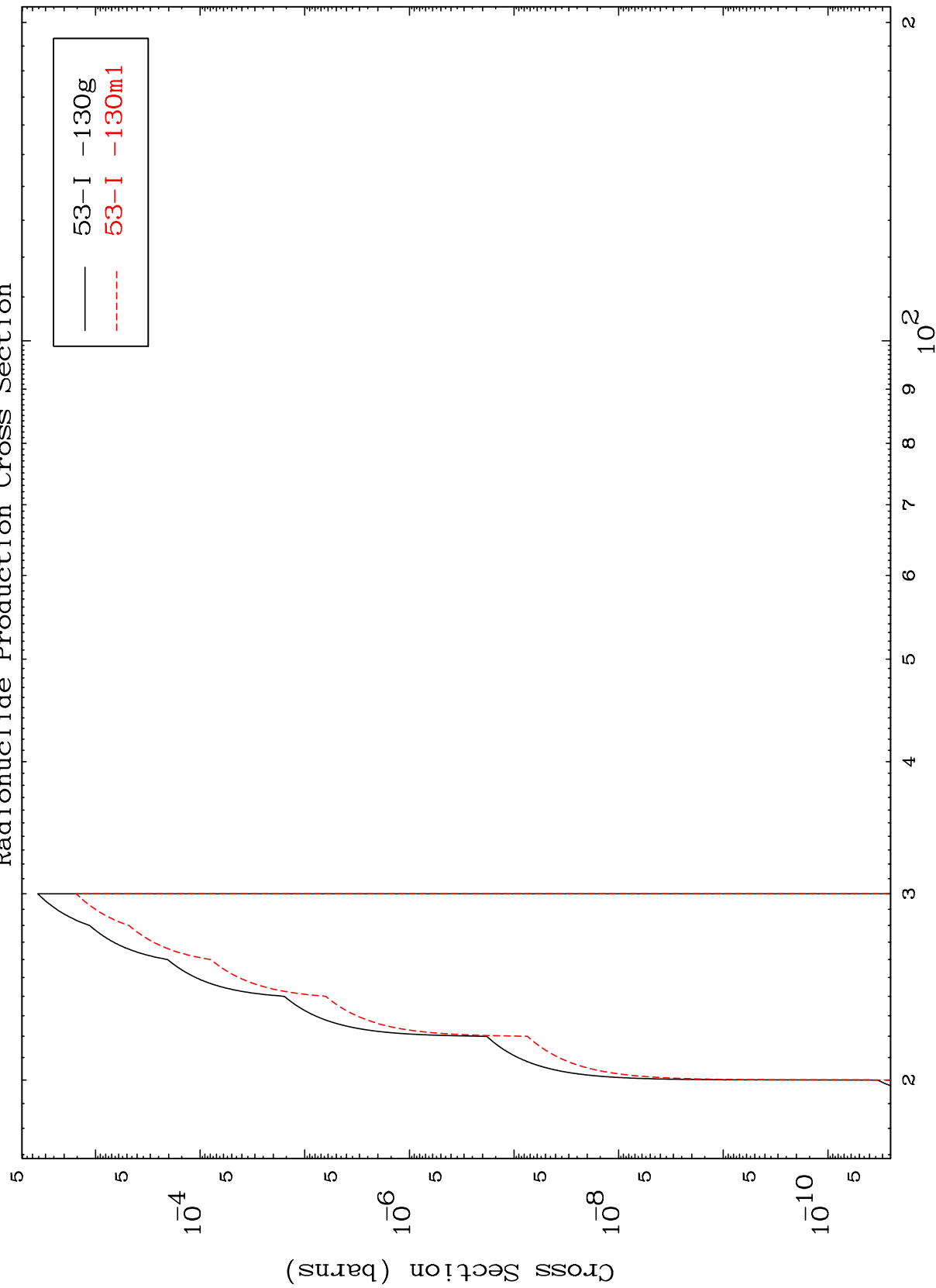
MAT 5337

(n,n') t

53-I -131



Radionuclide Production Cross Section



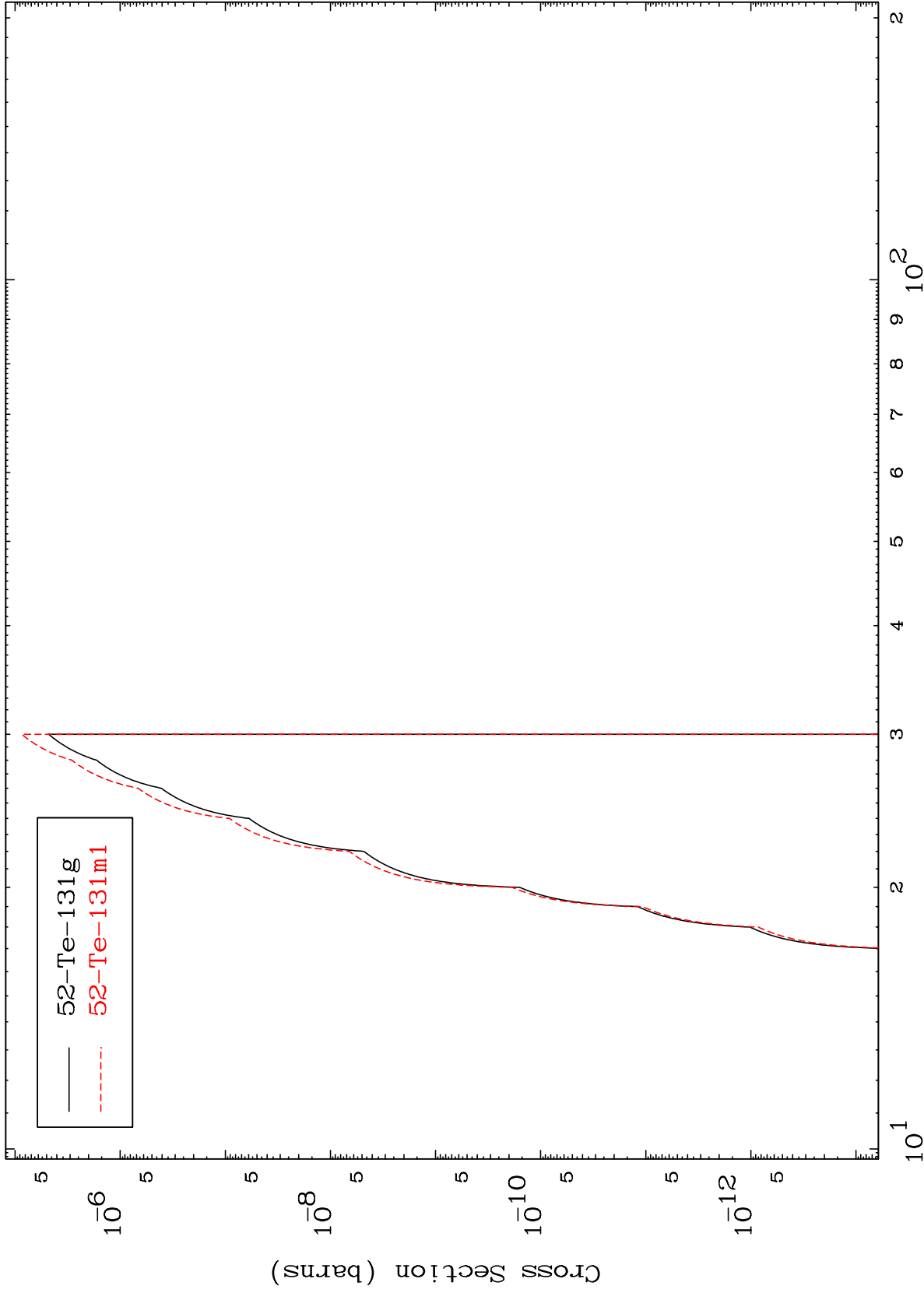
53-I -130g
53-I -130ml

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(n,2n) p

53-I -131

Radionuclide Production Cross Section

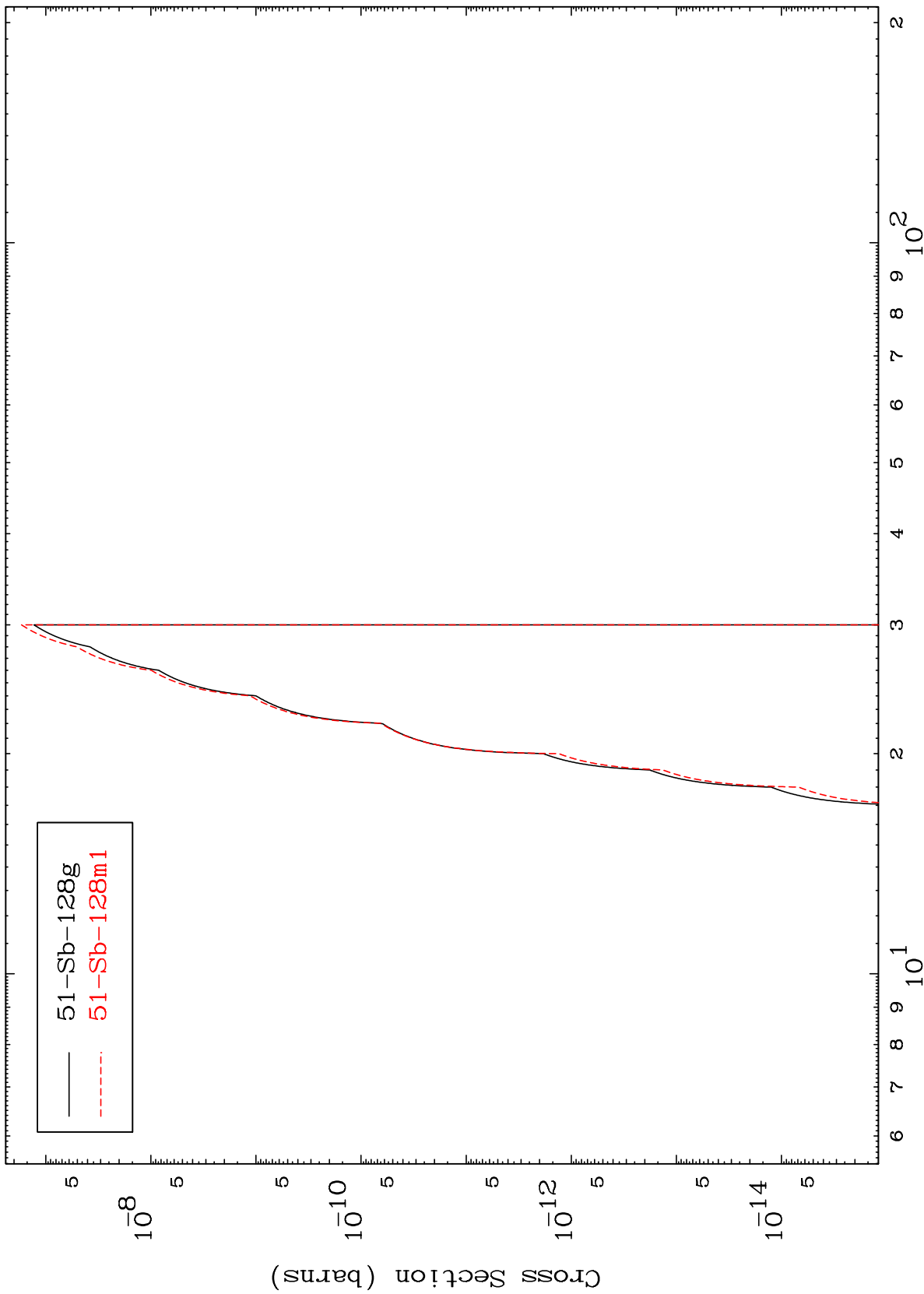


Incident Energy (MeV)

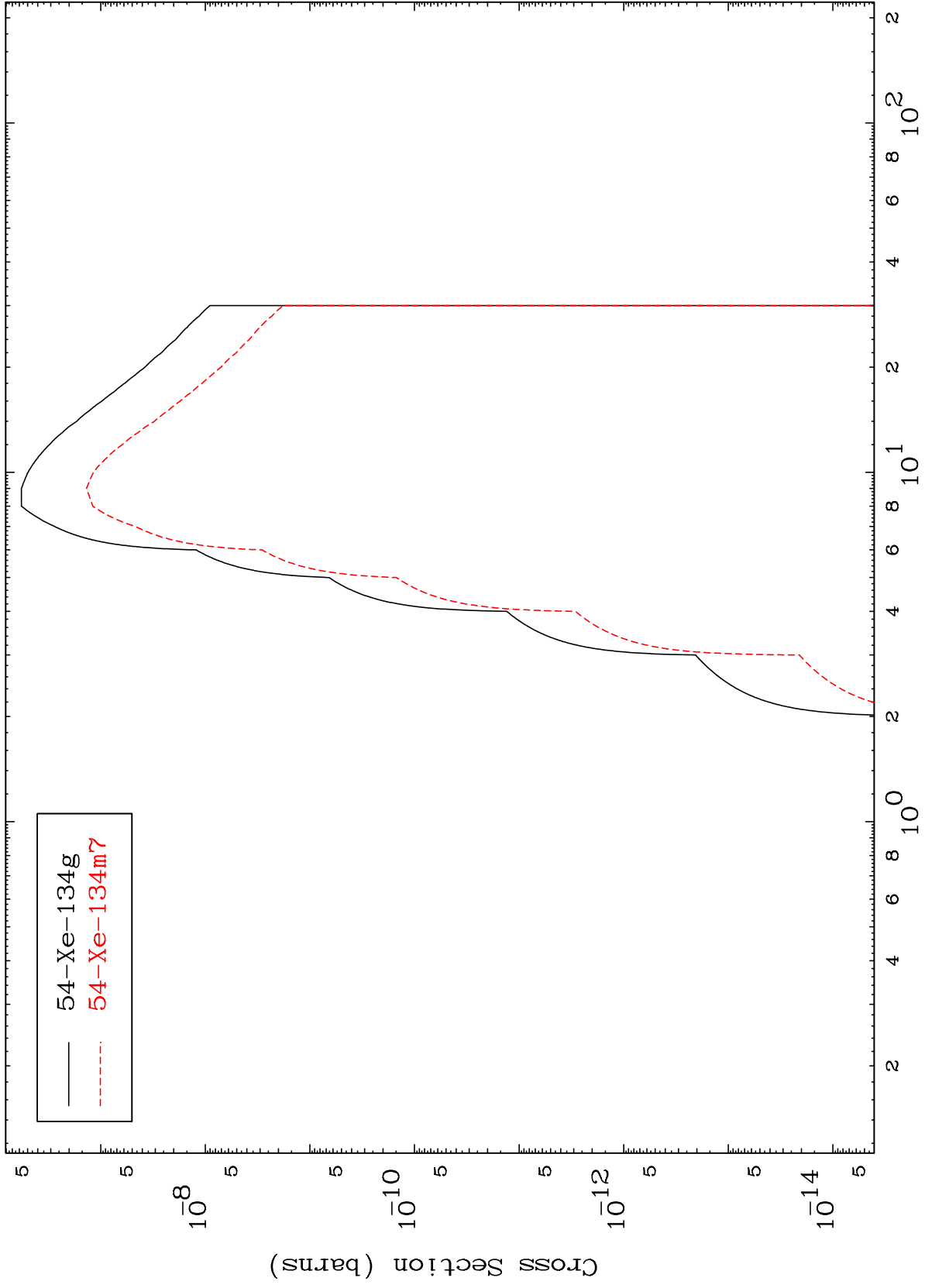
53-I -131

21

Radionuclide Production Cross Section



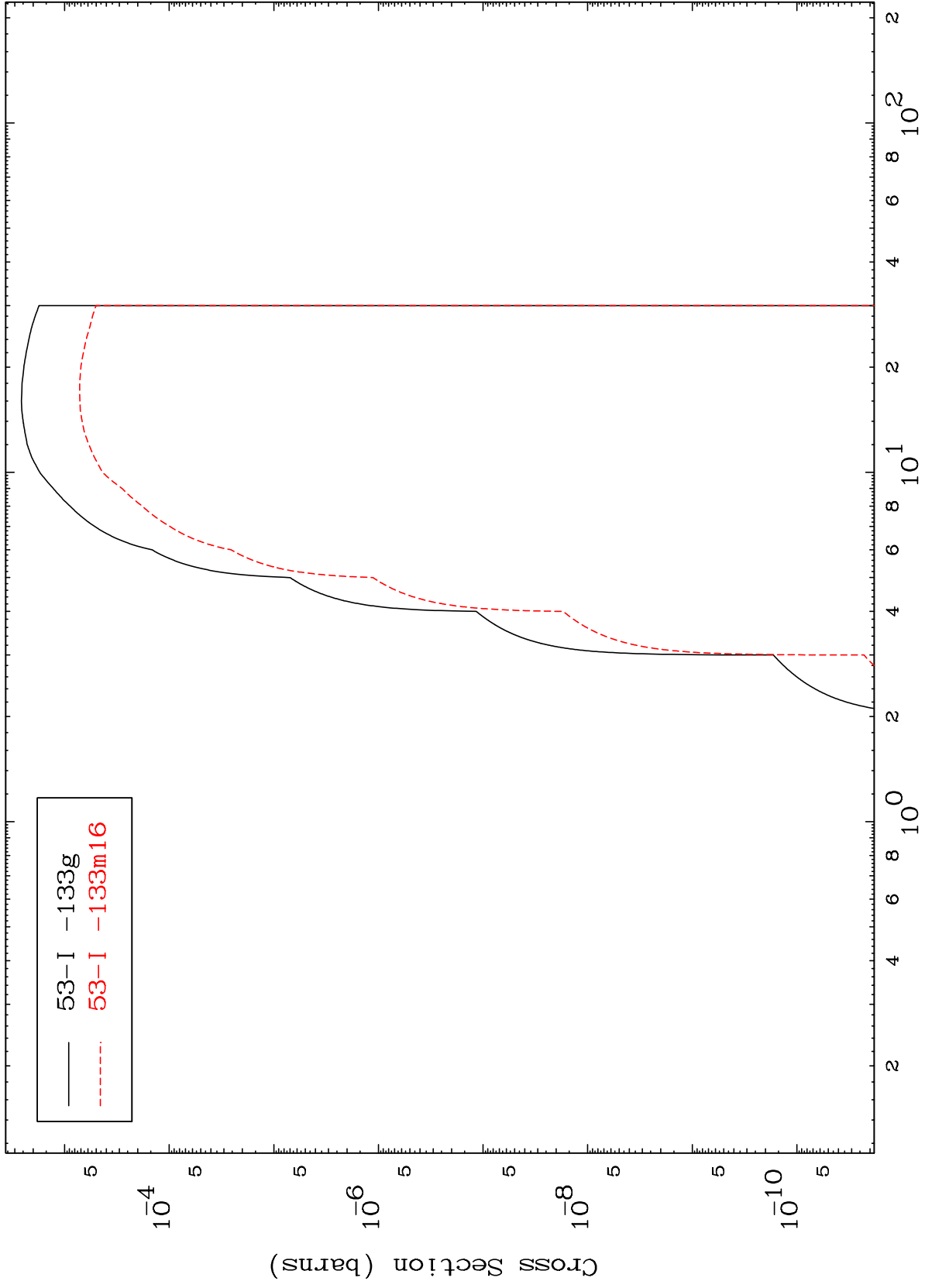
(n,γ)
Radionuclide Production Cross Section



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53-I -131

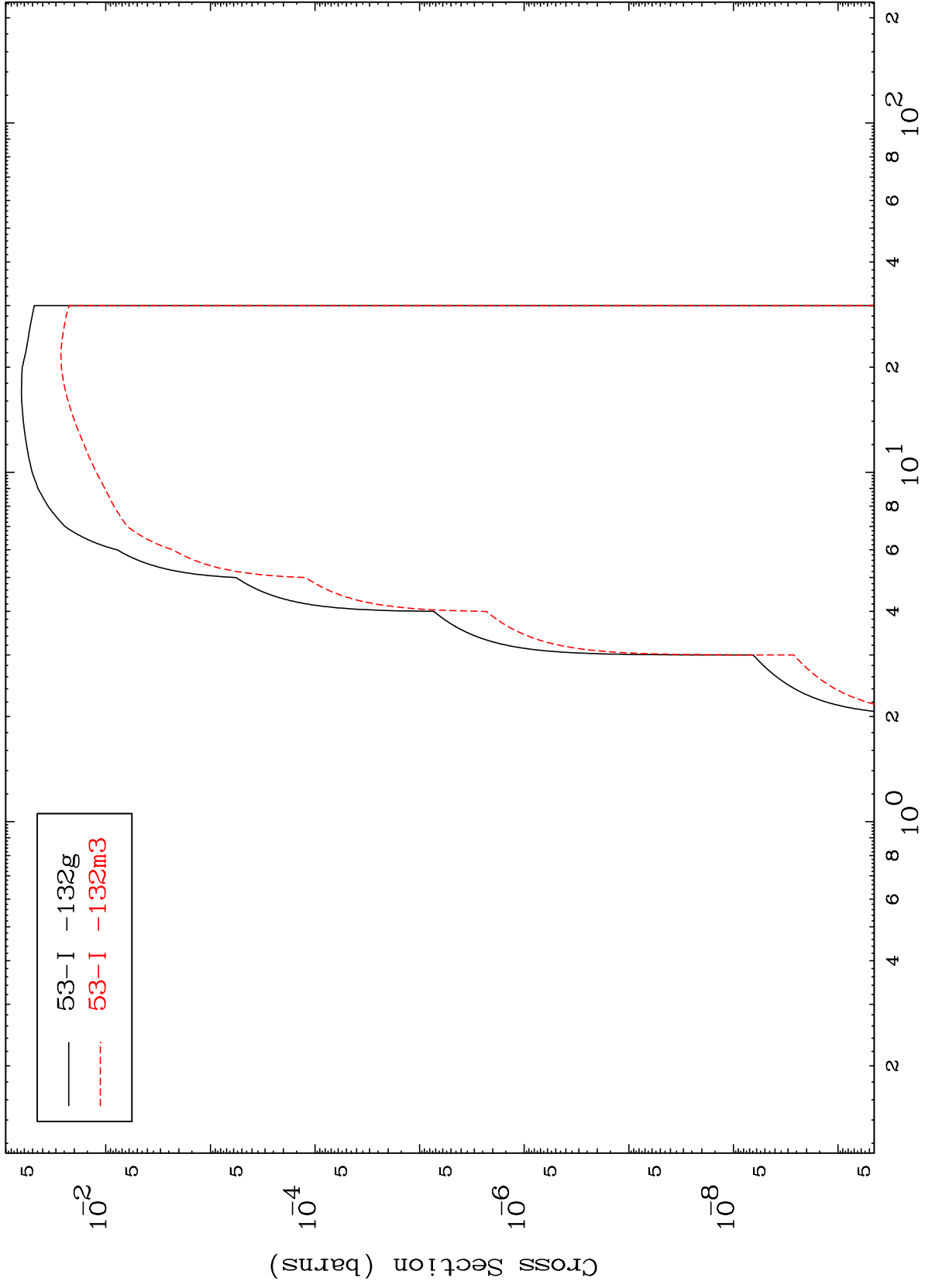
(n,p)
Radionuclide Production Cross Section



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53-I -131

(n,d)
Radionuclide Production Cross Section



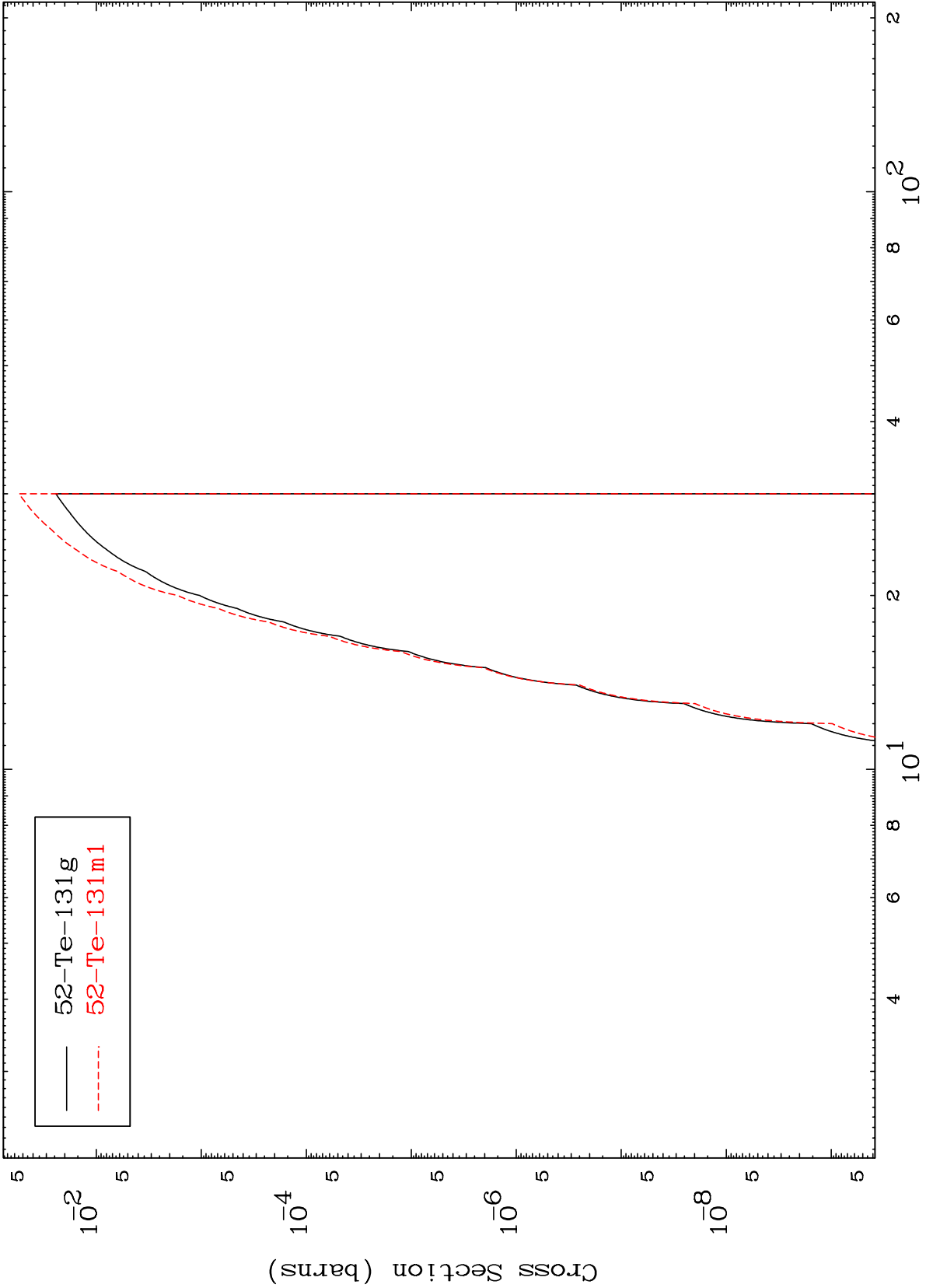
53-I -132g
53-I -132m3

53-I -131

Incident Energy (MeV)

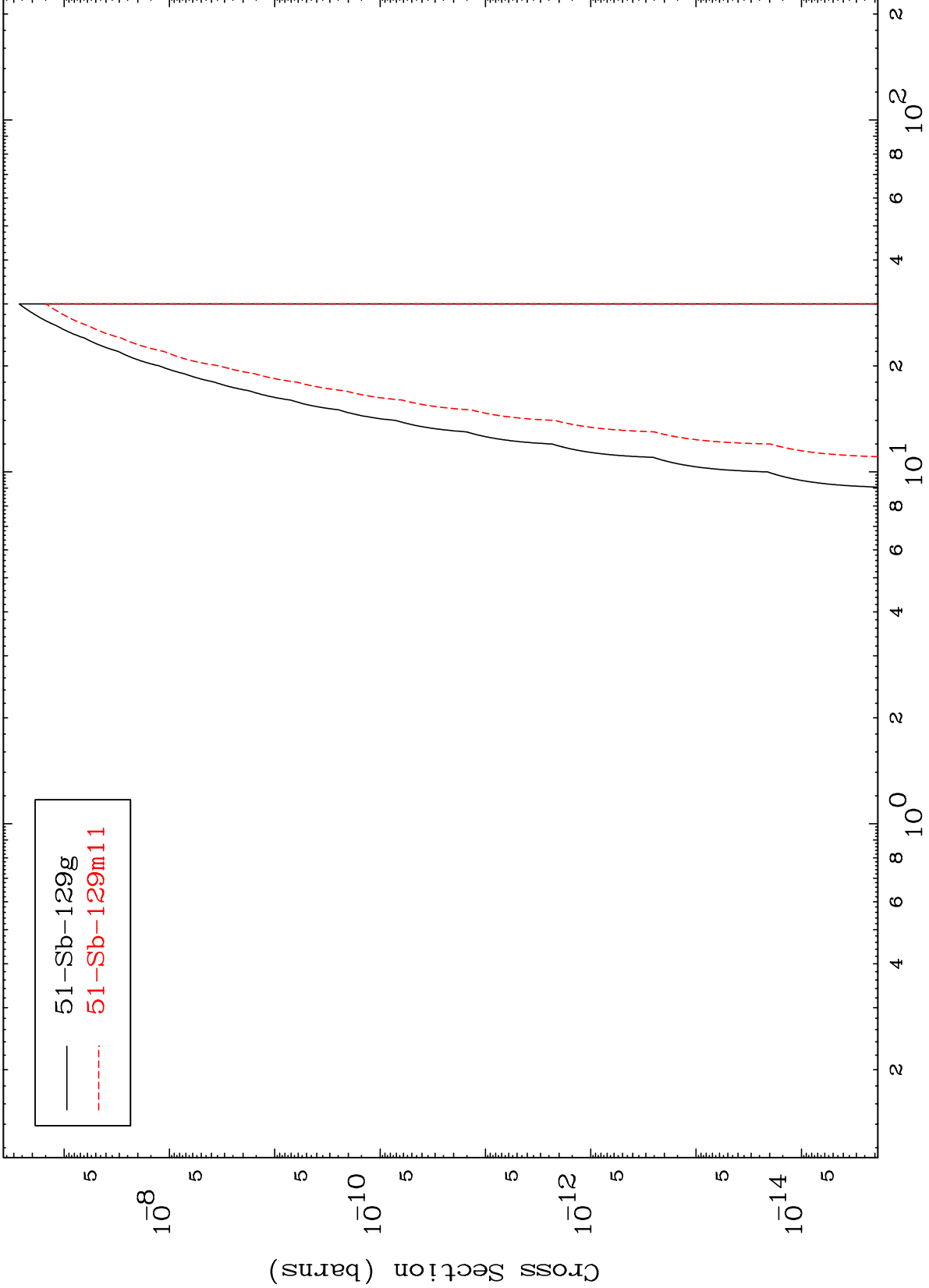
25

Radionuclide Production Cross Section

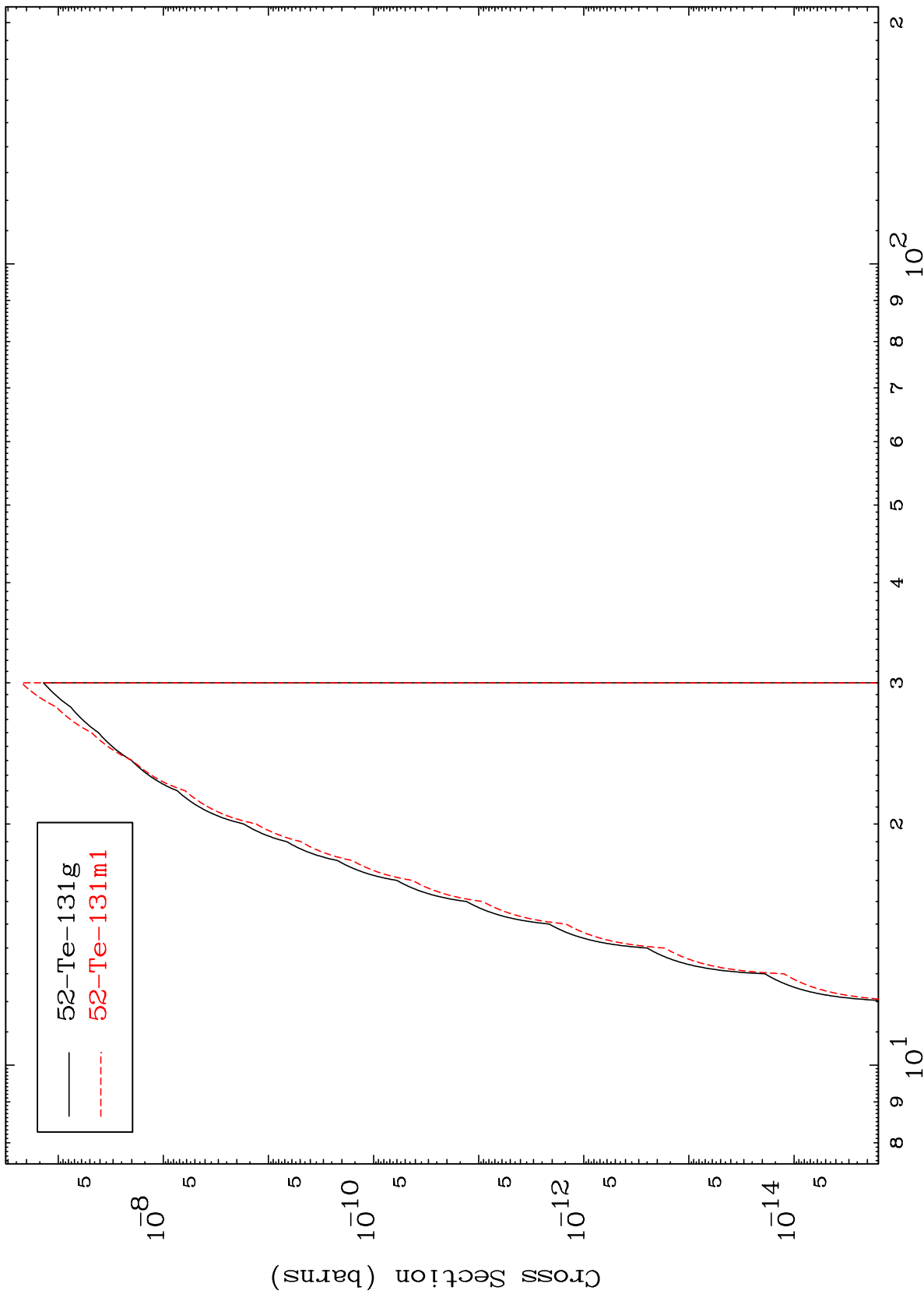


— 52-Te-131g
- - - 52-Te-131m1

Radionuclide Production Cross Section



Radionuclide Production Cross Section

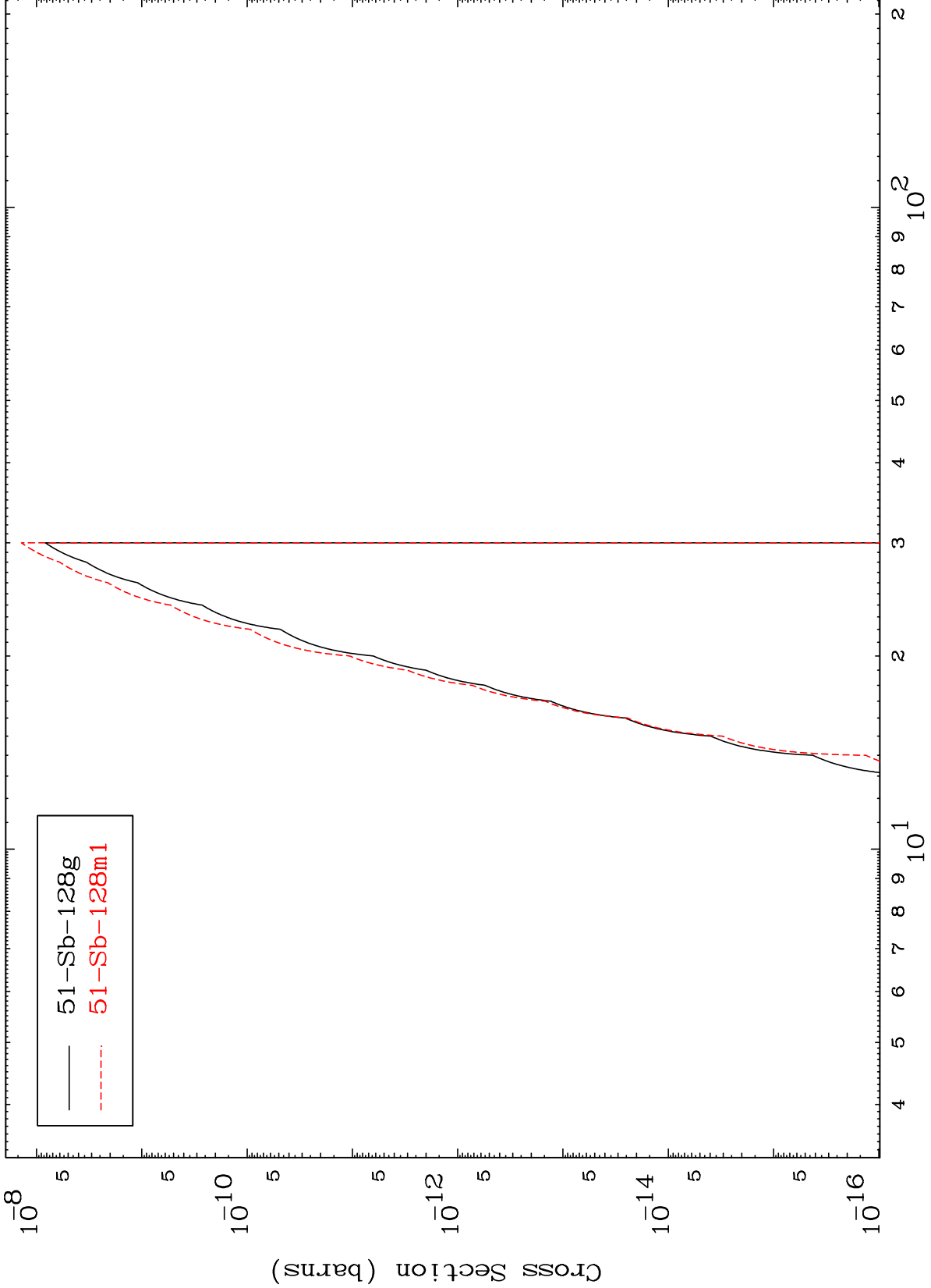


MAT 5337

(n,d) α

53-I -131

Radionuclide Production Cross Section



51-Sb-128g
51-Sb-128m1

29

Incident Energy (MeV)

53-I -131