

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

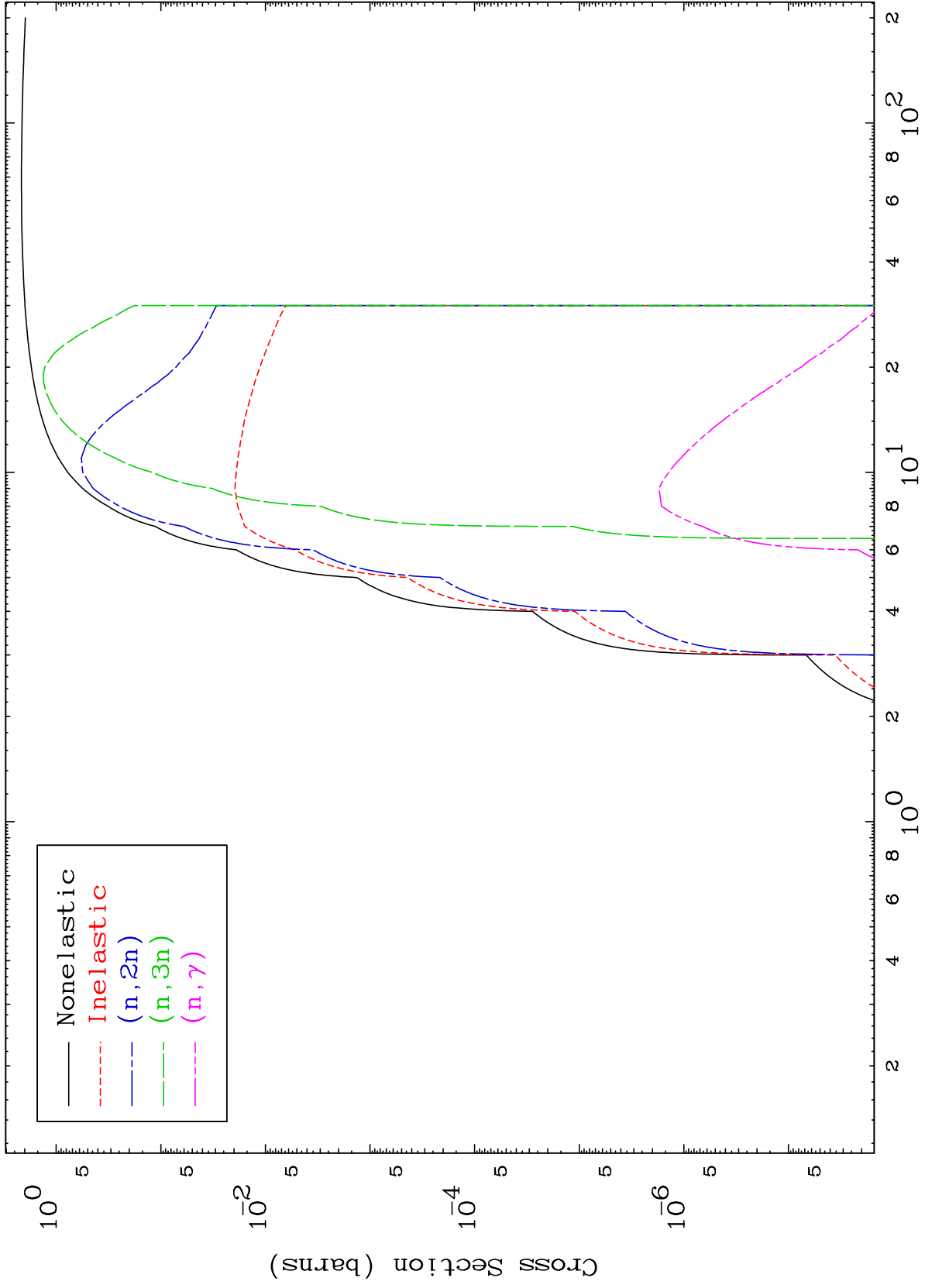
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

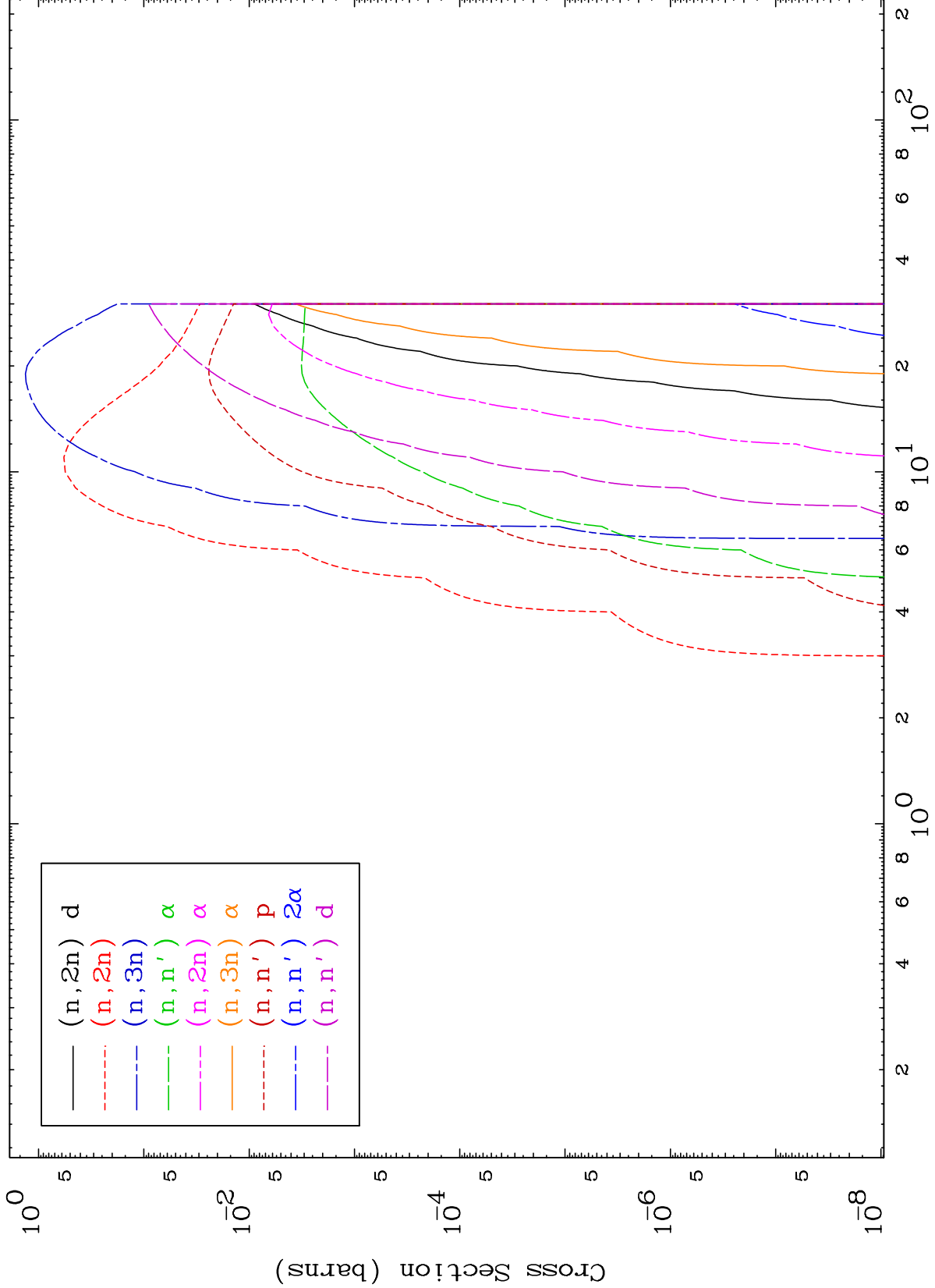
Tele: 925-443-1911

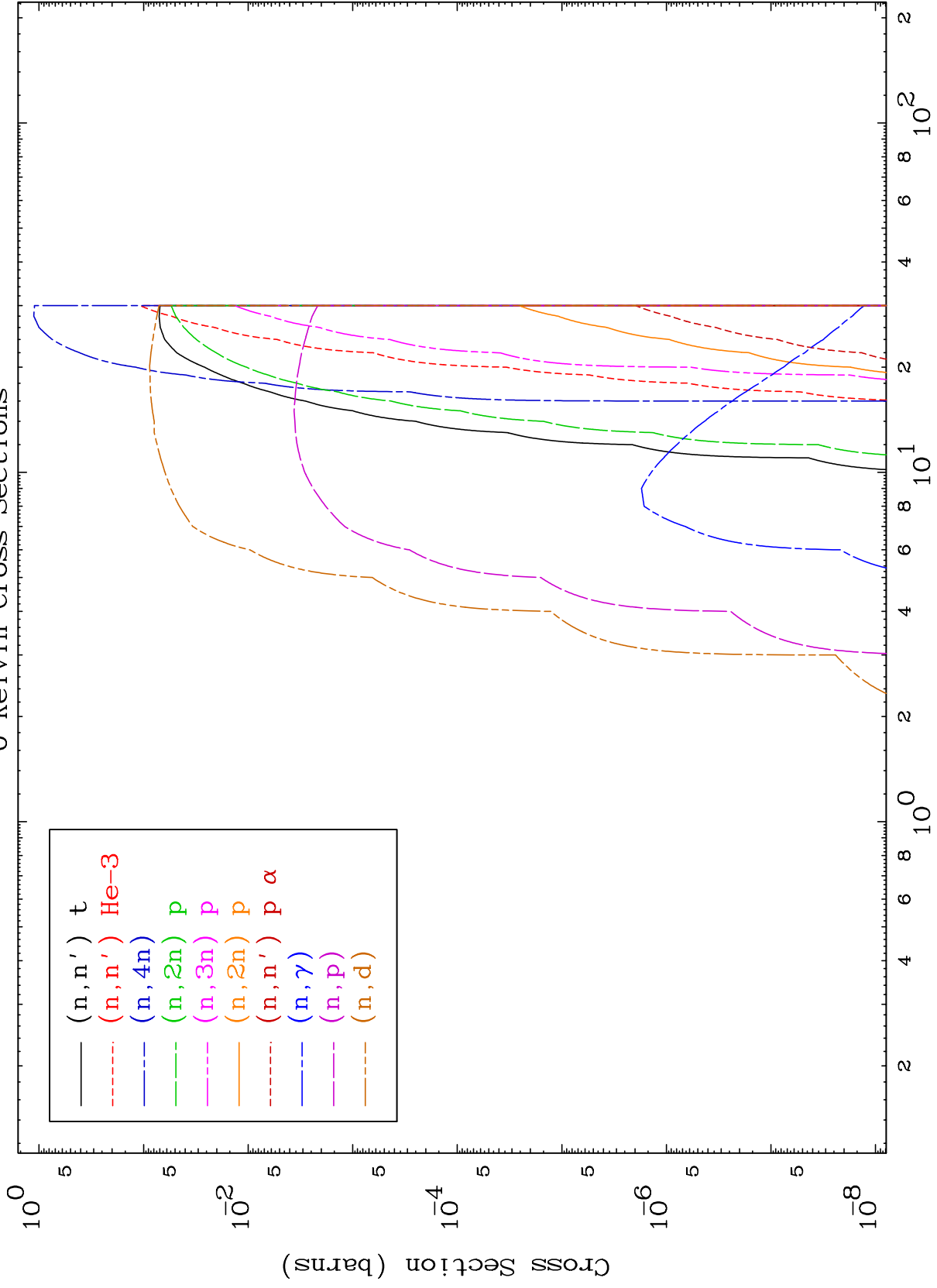
E.Mail:redcullen1@comcast.net

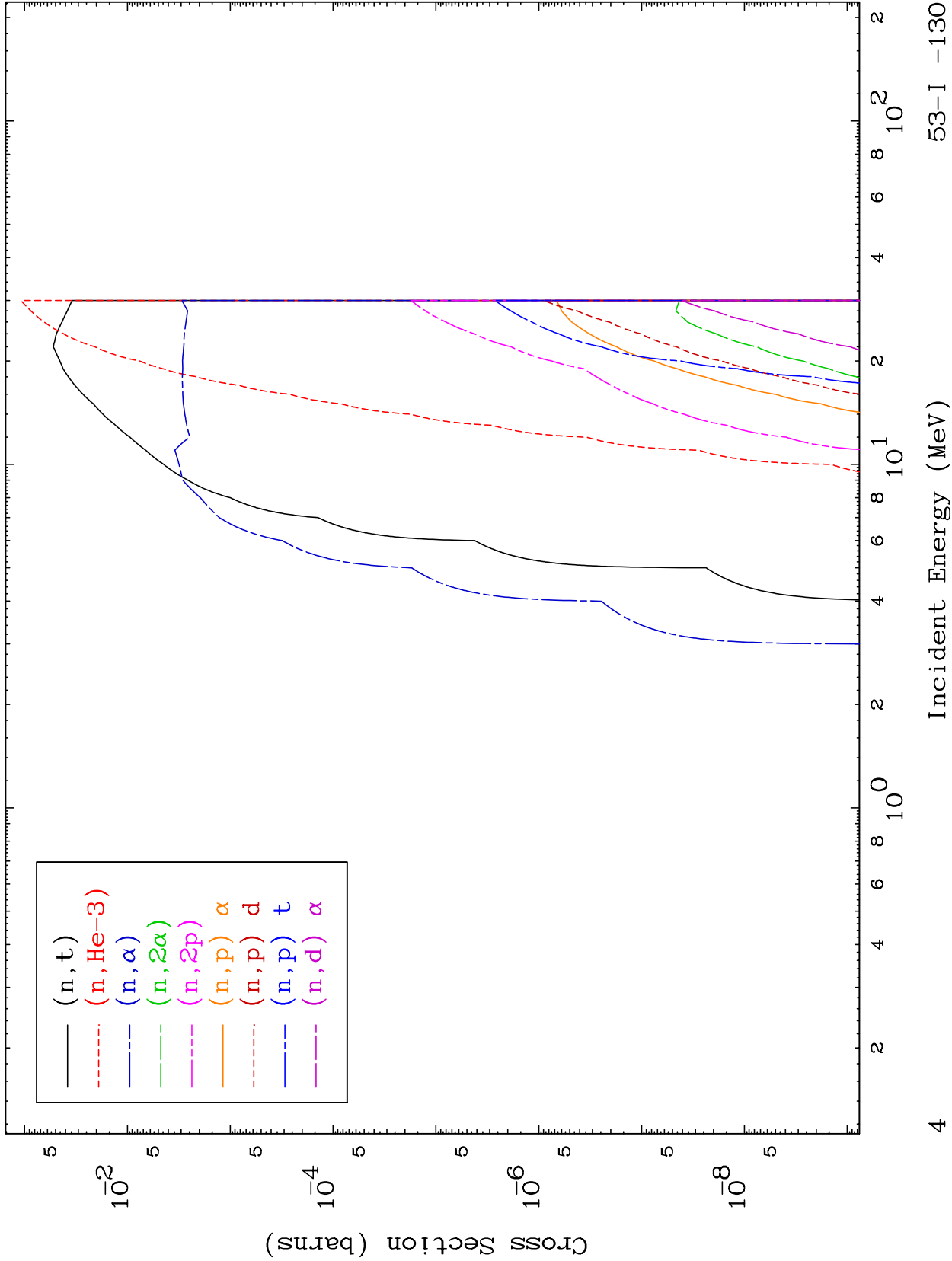
Web:redcullen1.net/HOMEPAGE.NEW

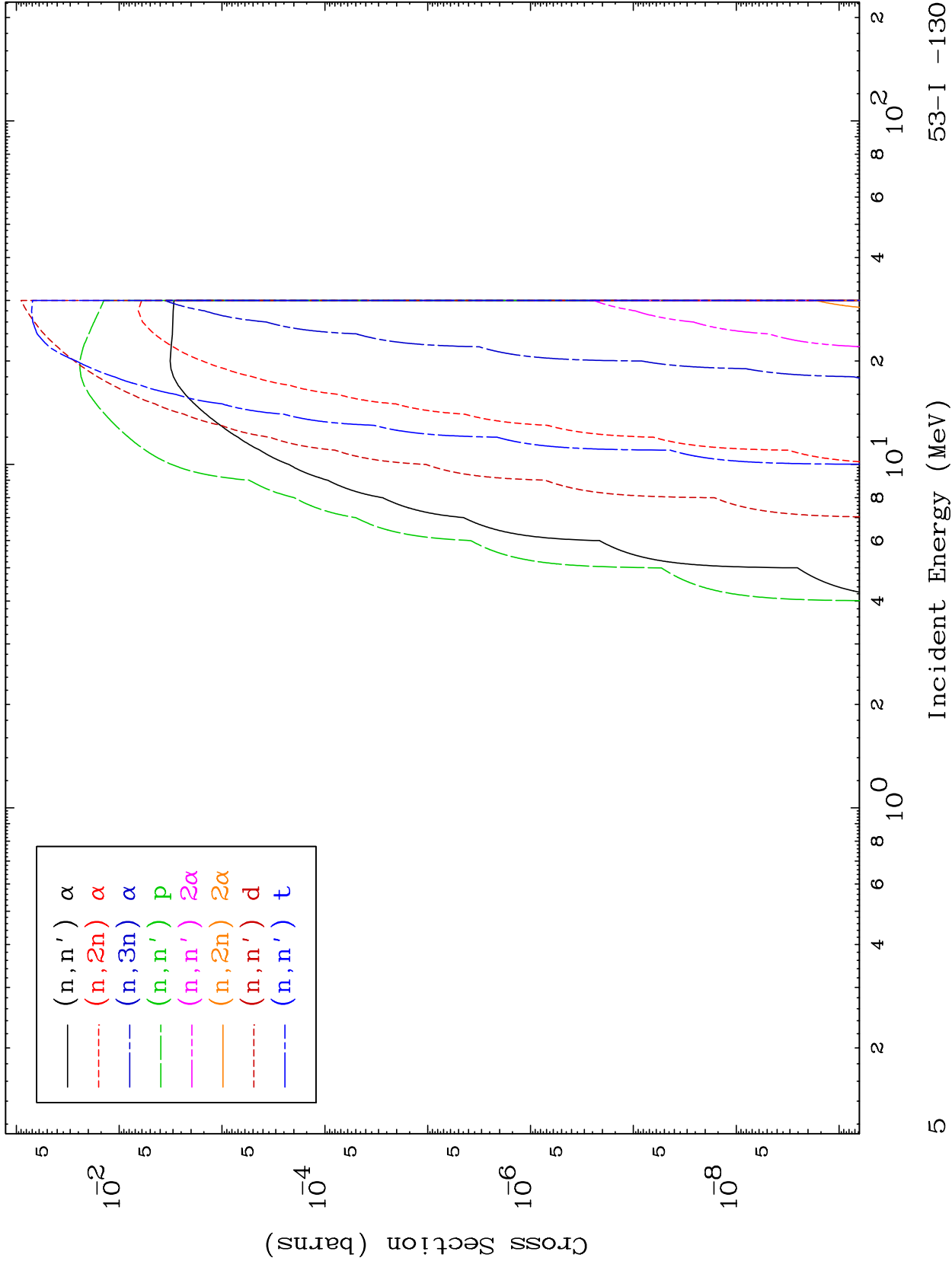
Press Mouse Button to Start

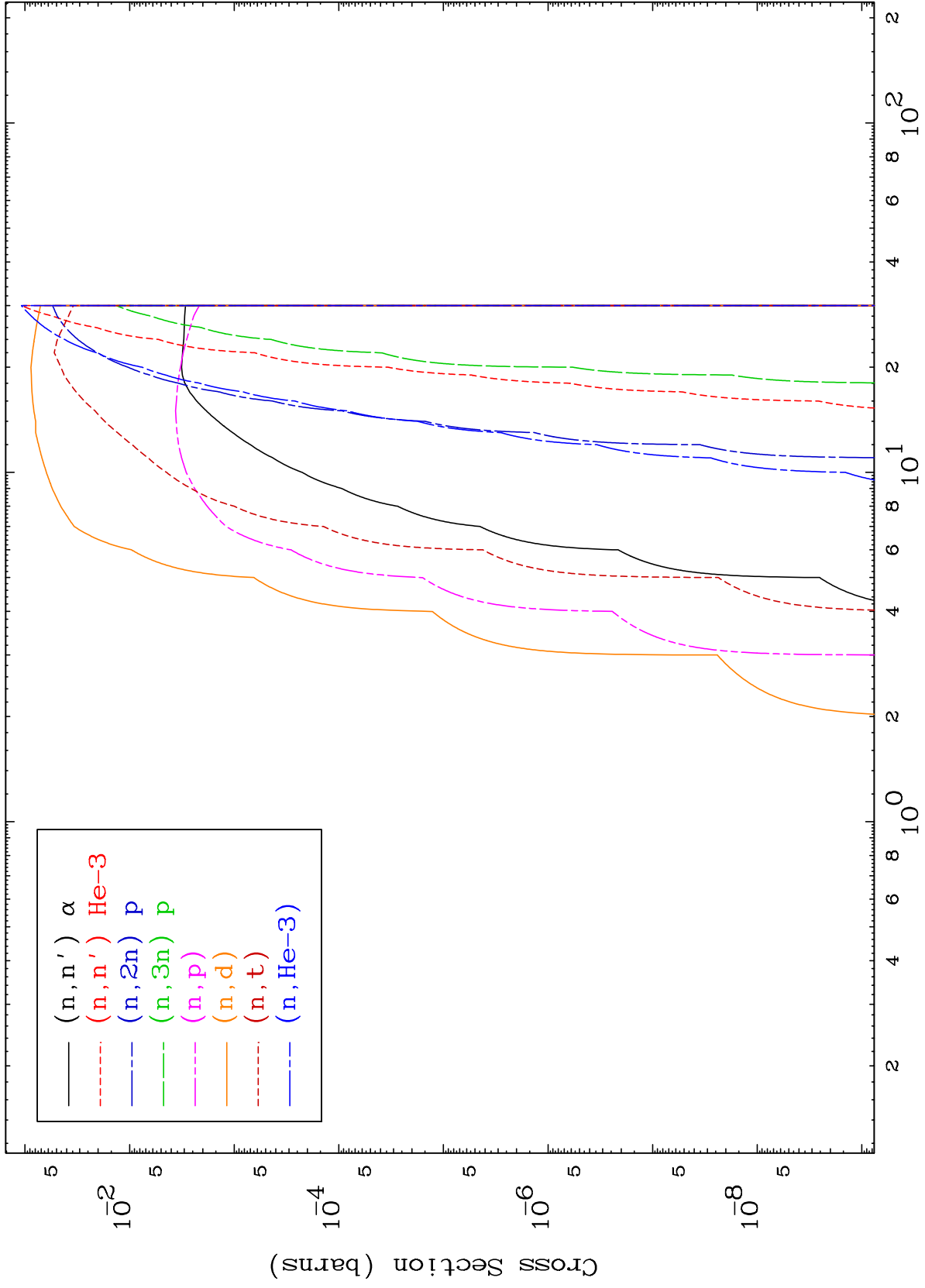


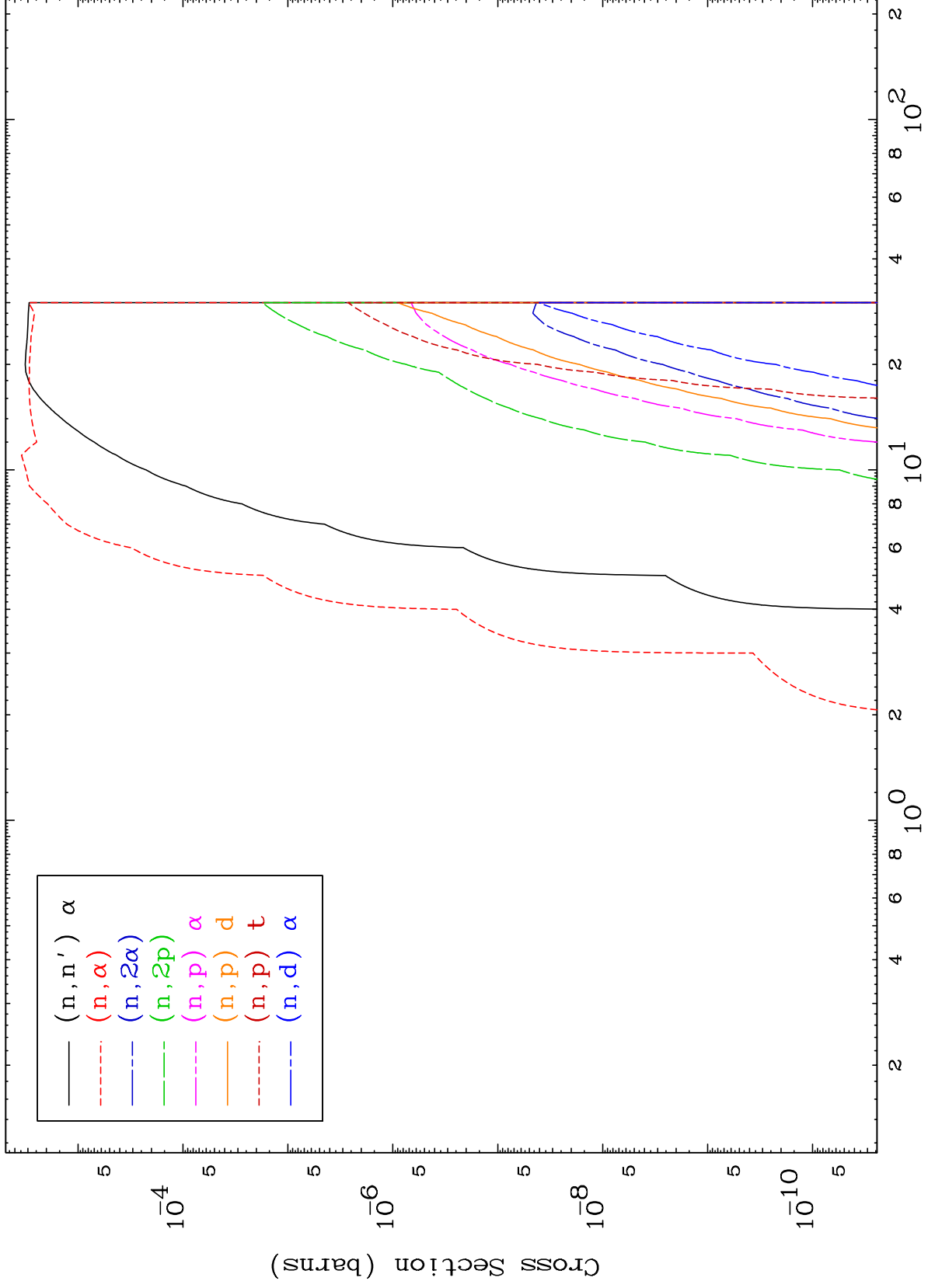










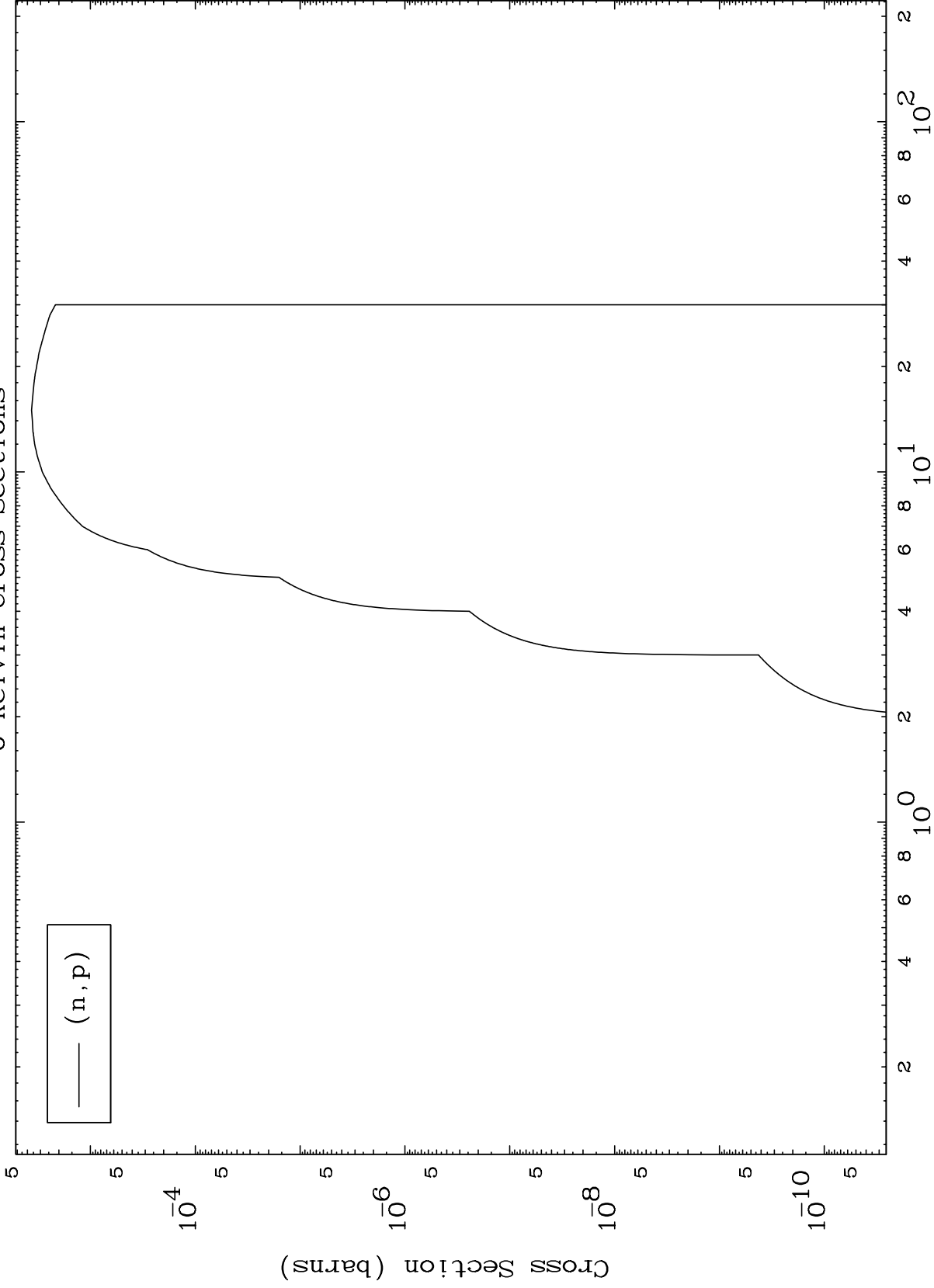


MAT 5334

(t,p) Levels

53-I -130

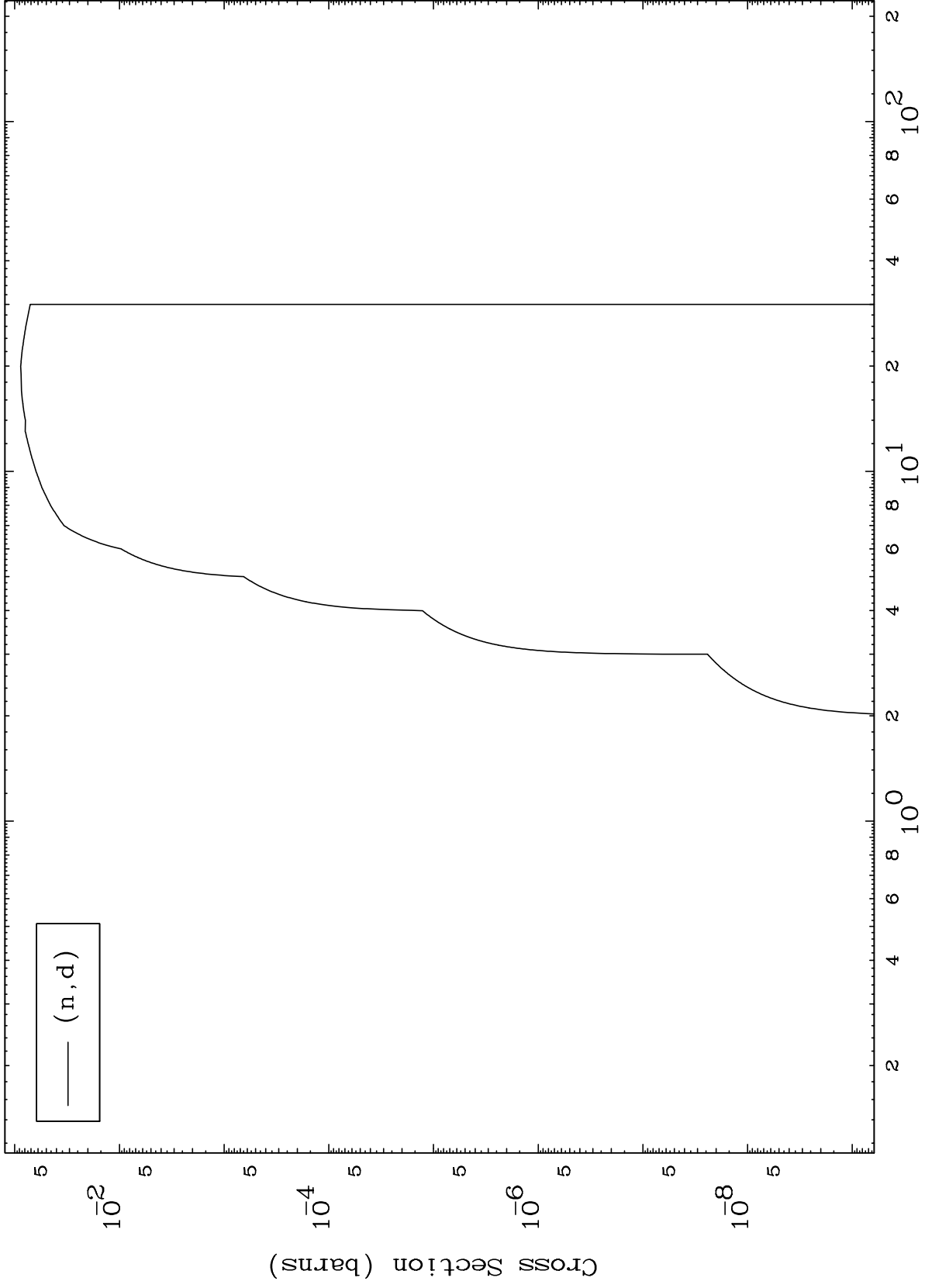
0 Kelvin Cross Sections



MAT 5334

53-I -130

(t,d) Levels
0 Kelvin Cross Sections



9

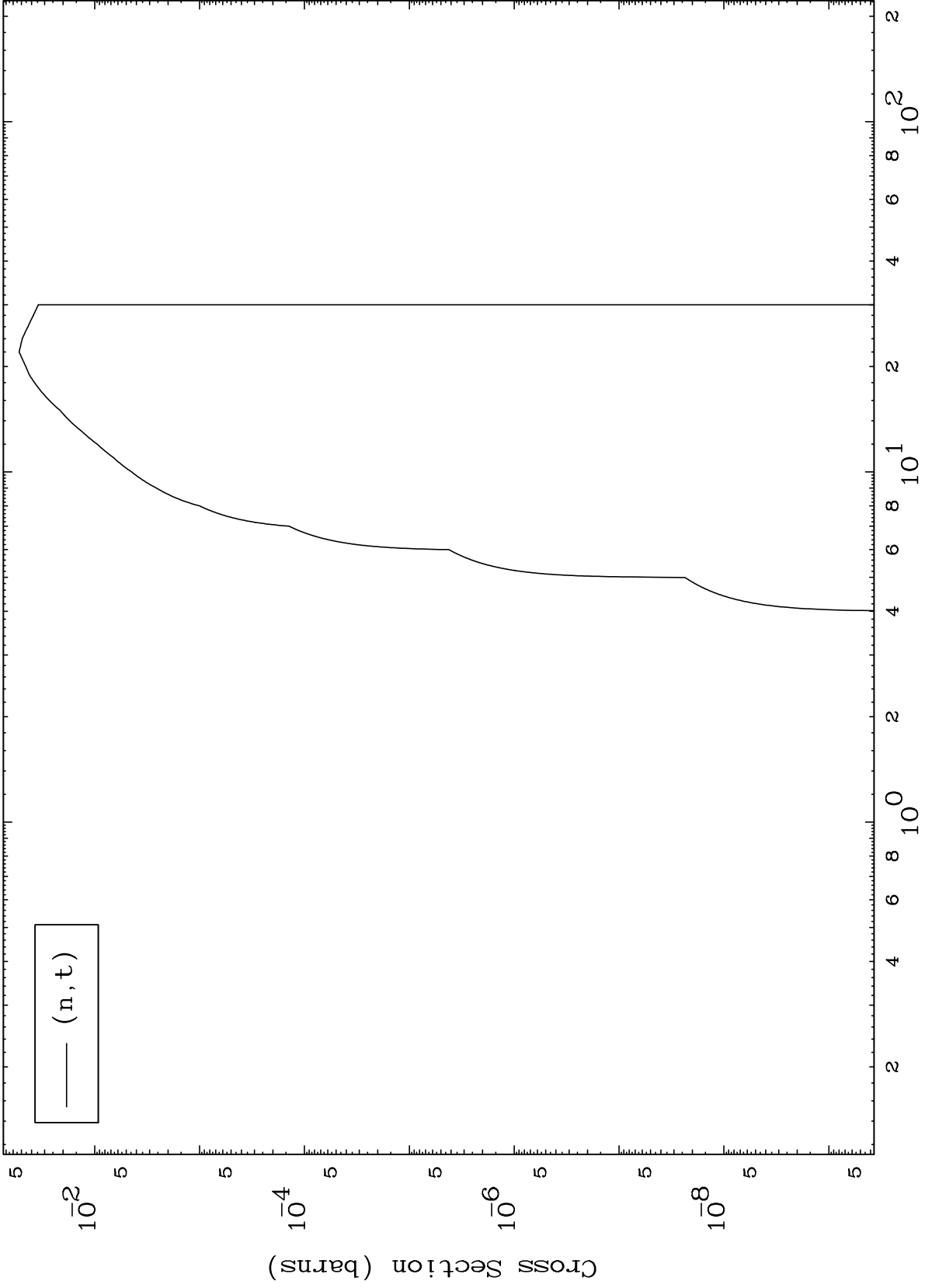
53-I -130

MAT 5334

(t, t) Levels

53-I -130

0 Kelvin Cross Sections



10

Incident Energy (MeV)

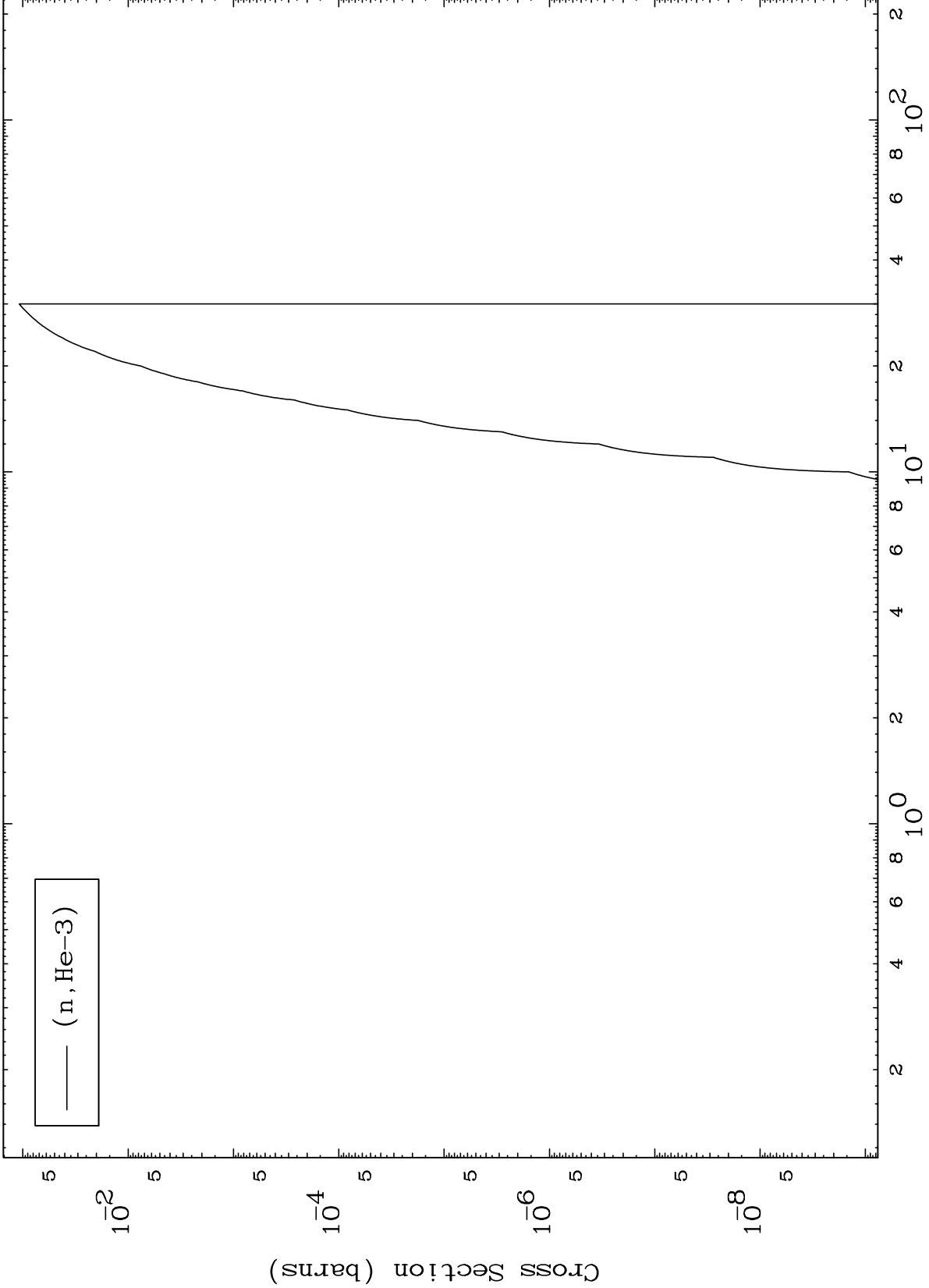
53-I -130

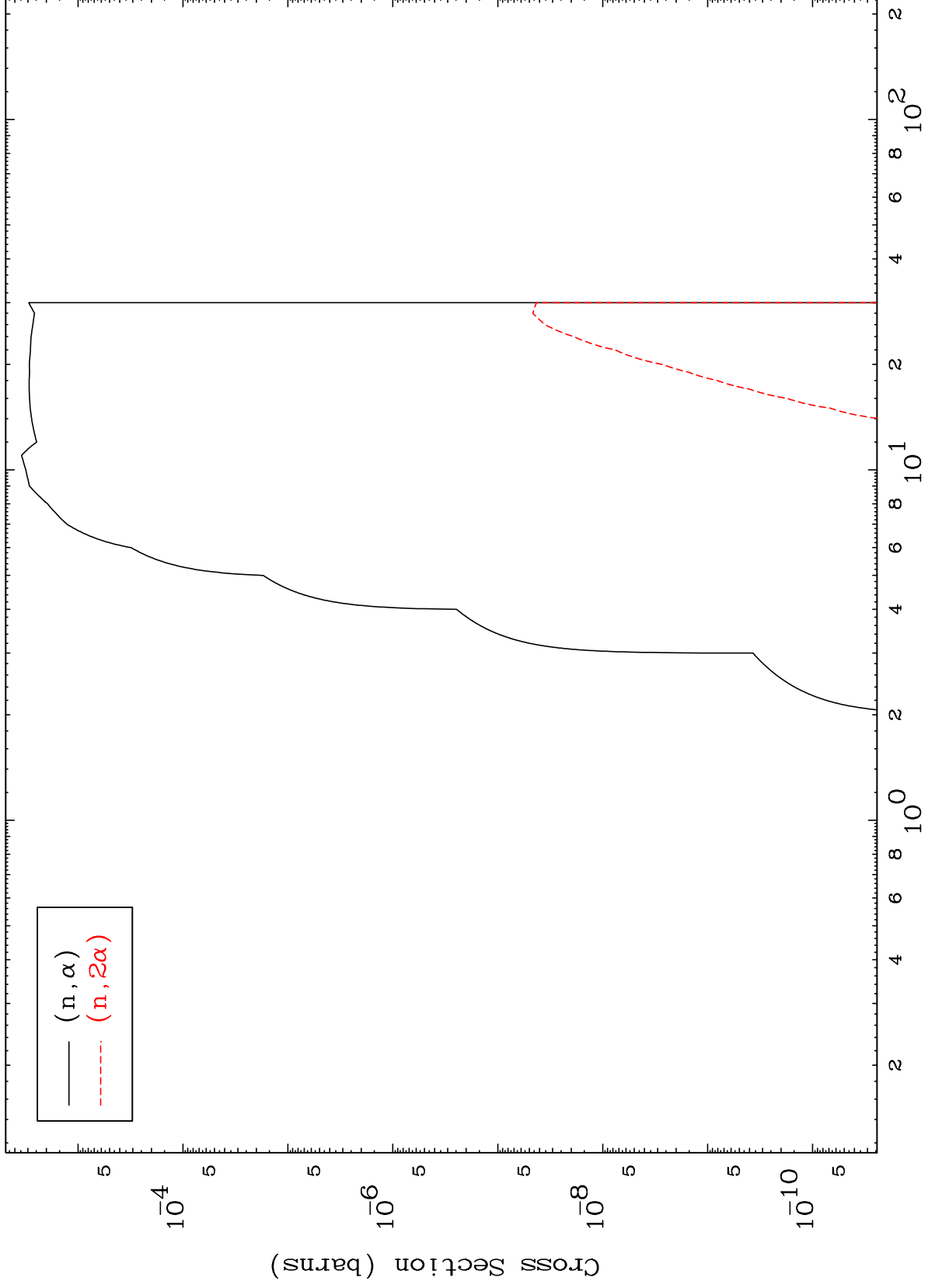
MAT 5334

(t,He3) Levels

53-I -130

0 Kelvin Cross Sections



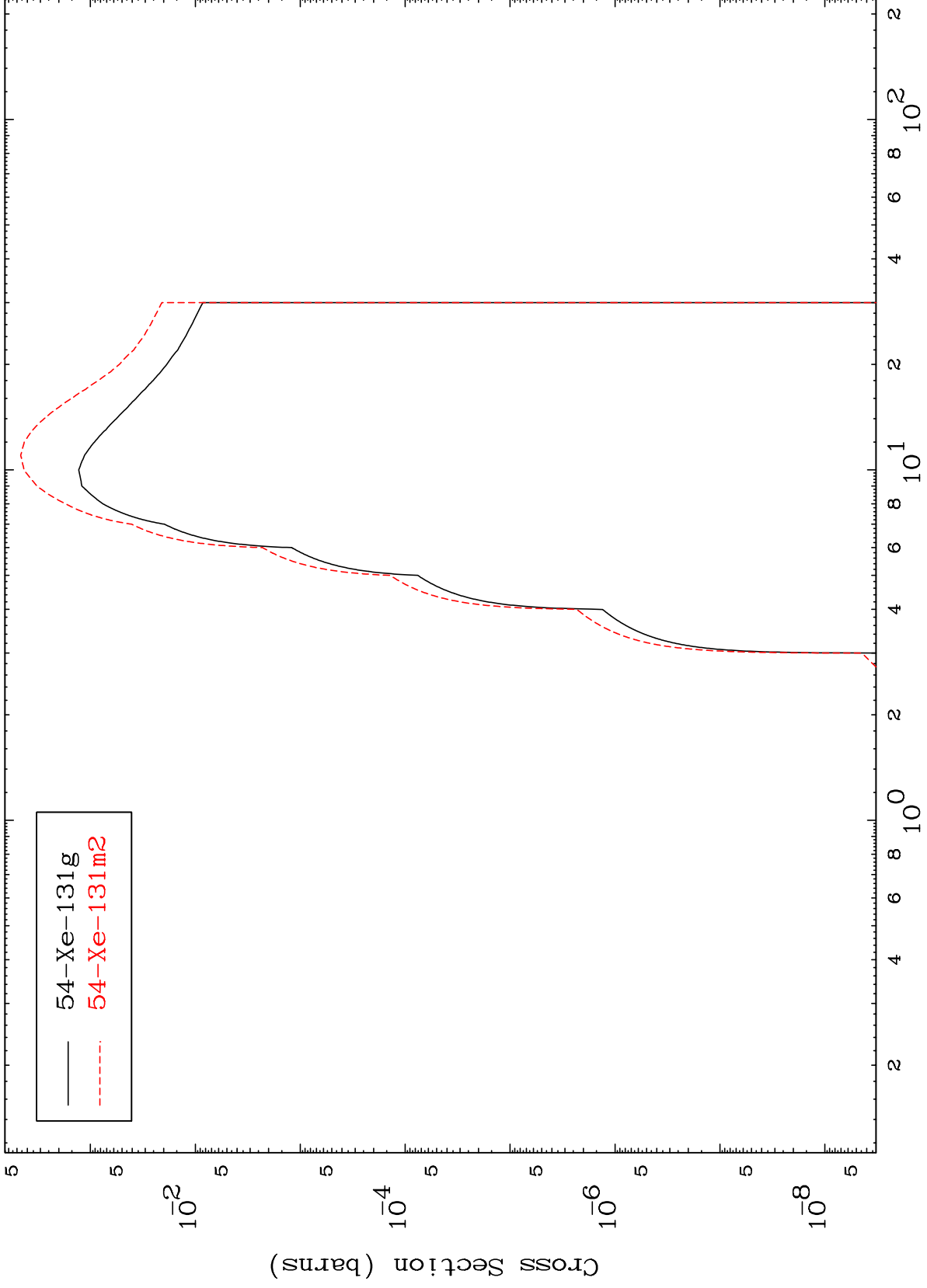


MAT 5334

(n,2n)

53-I -130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

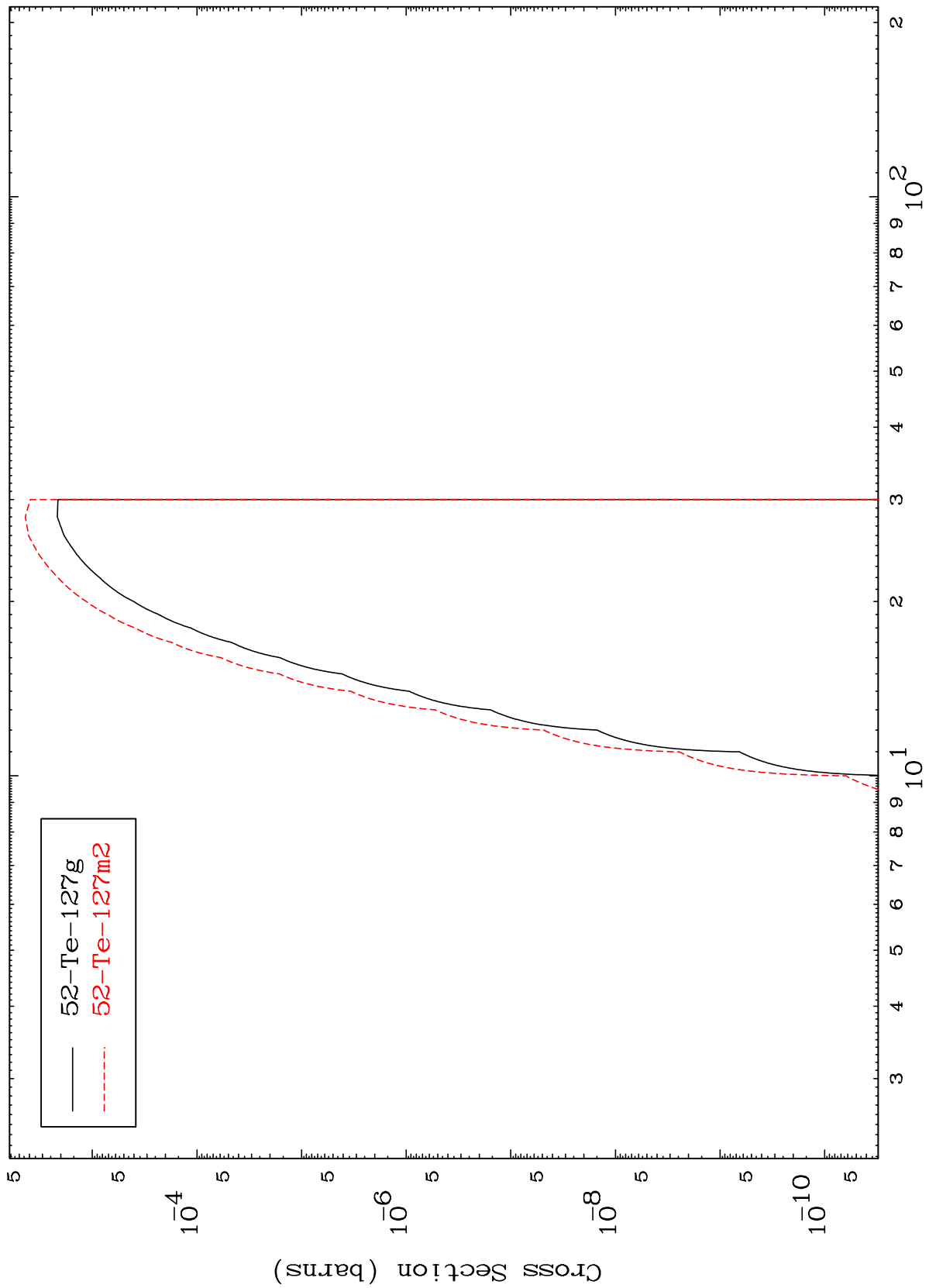
53-I -130

MAT 5334

(n,2n) α

53-I -130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

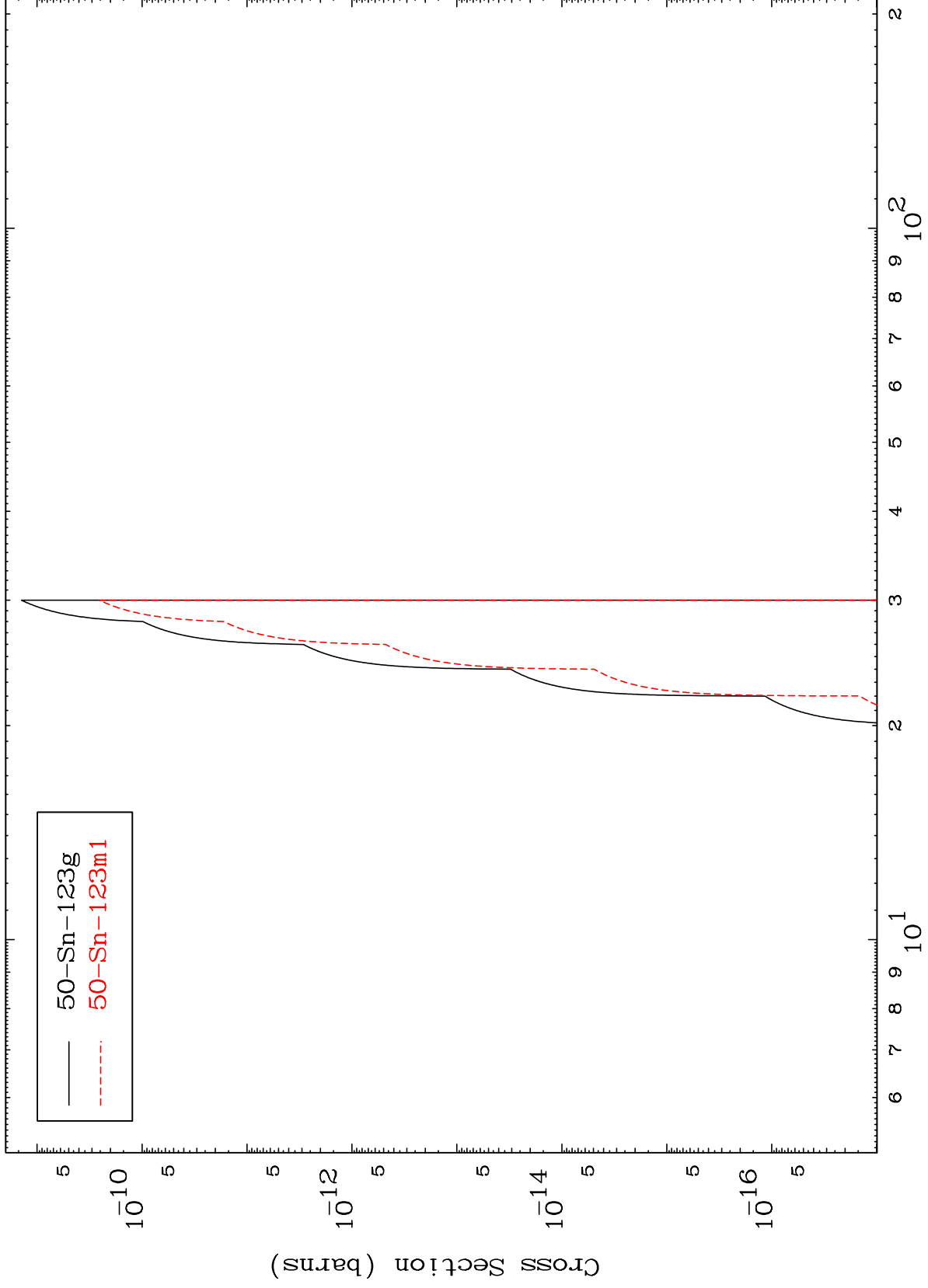
53-I -130

MAT 5334

(n,2n) 2α

53-I -130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

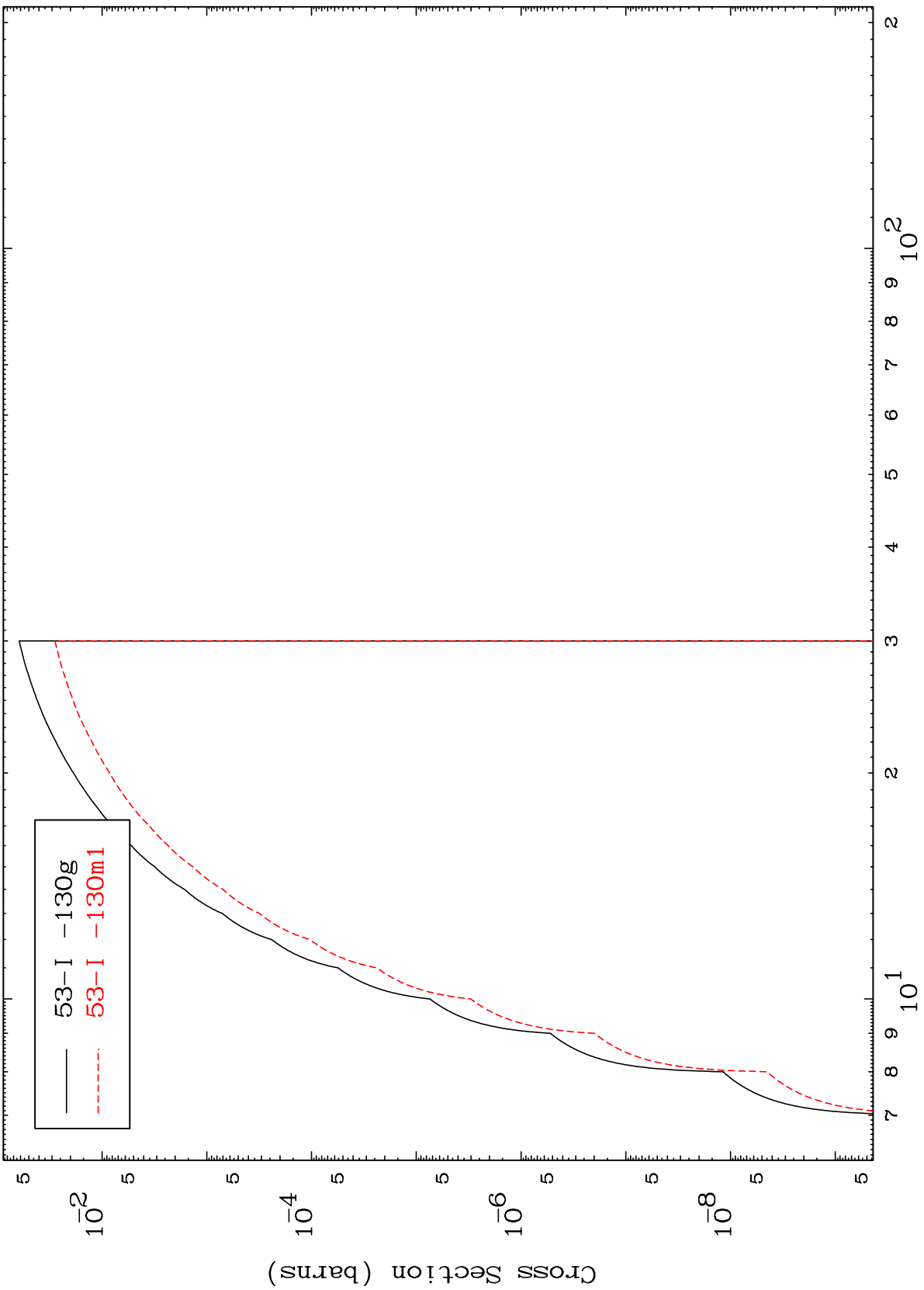
53-I -130

MAT 5334

(n,n') d

53-I -130

Radionuclide Production Cross Section



53-I -130g
53-I -130m1

16

Incident Energy (MeV)

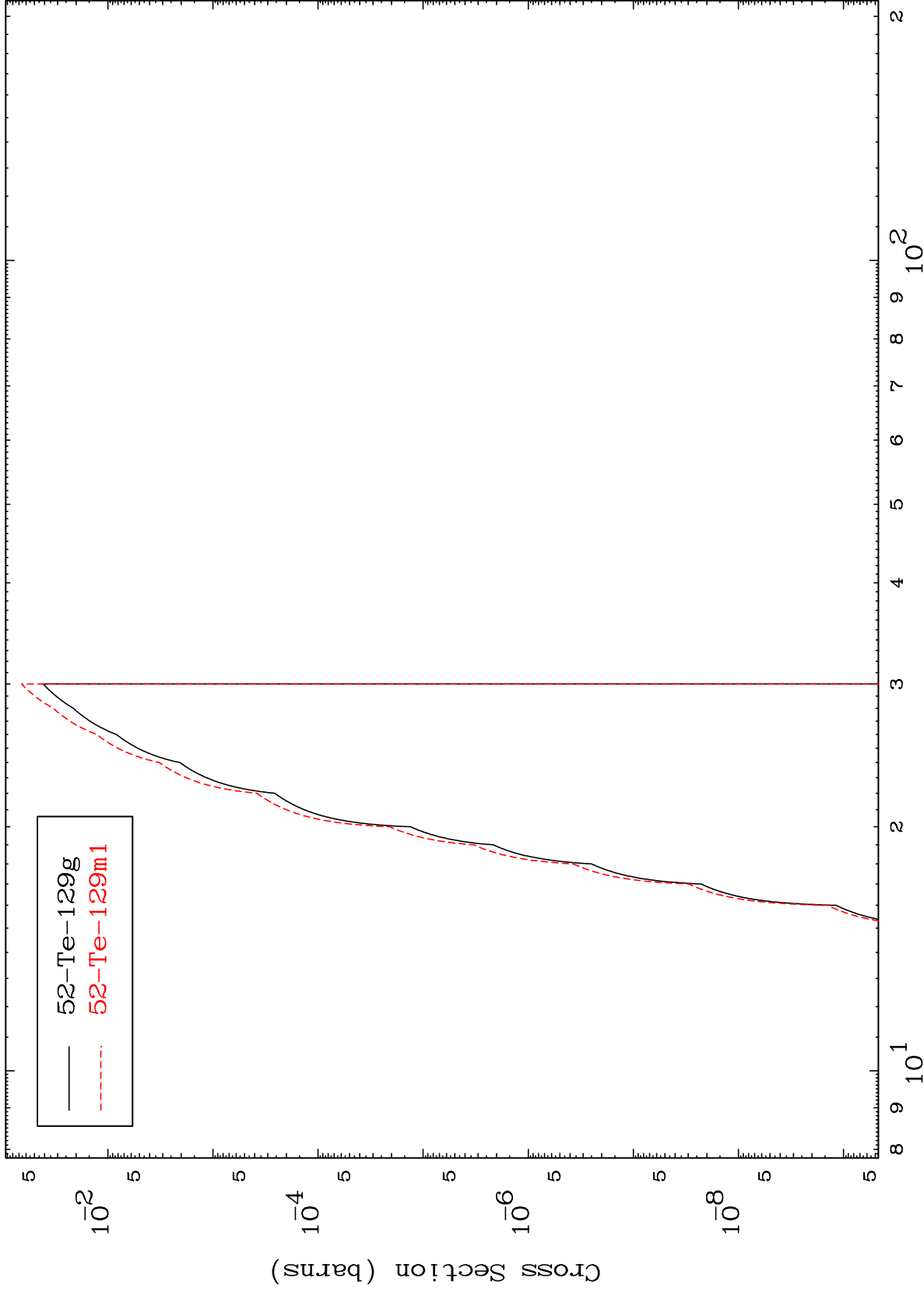
53-I -130

MAT 5334

(n,n') He-3

53-I -130

Radionuclide Production Cross Section

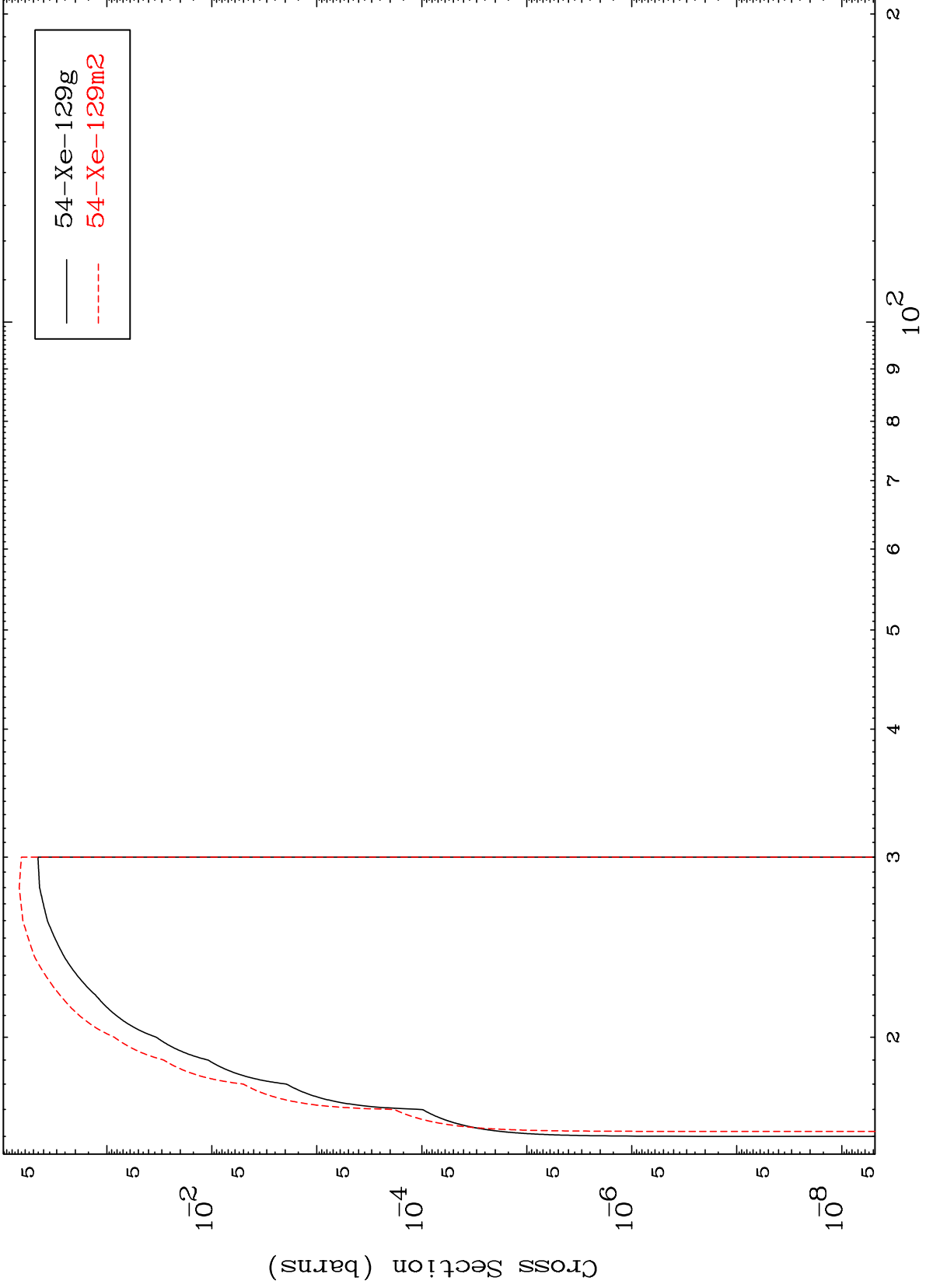


17

Incident Energy (MeV)

53-I -130

Radionuclide Production Cross Section

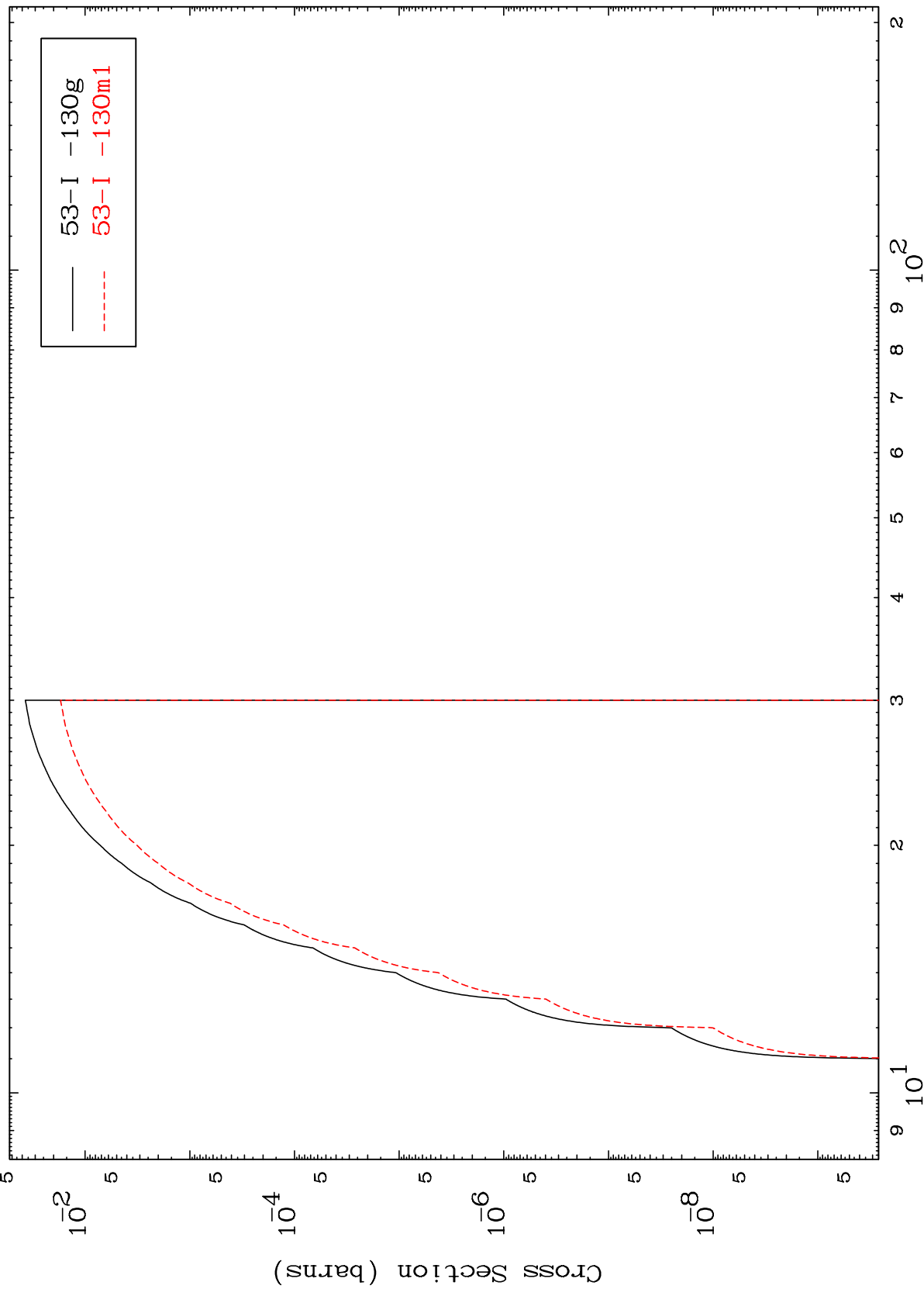


MAT 5334

(n,2n) p

53-I -130

Radionuclide Production Cross Section



19

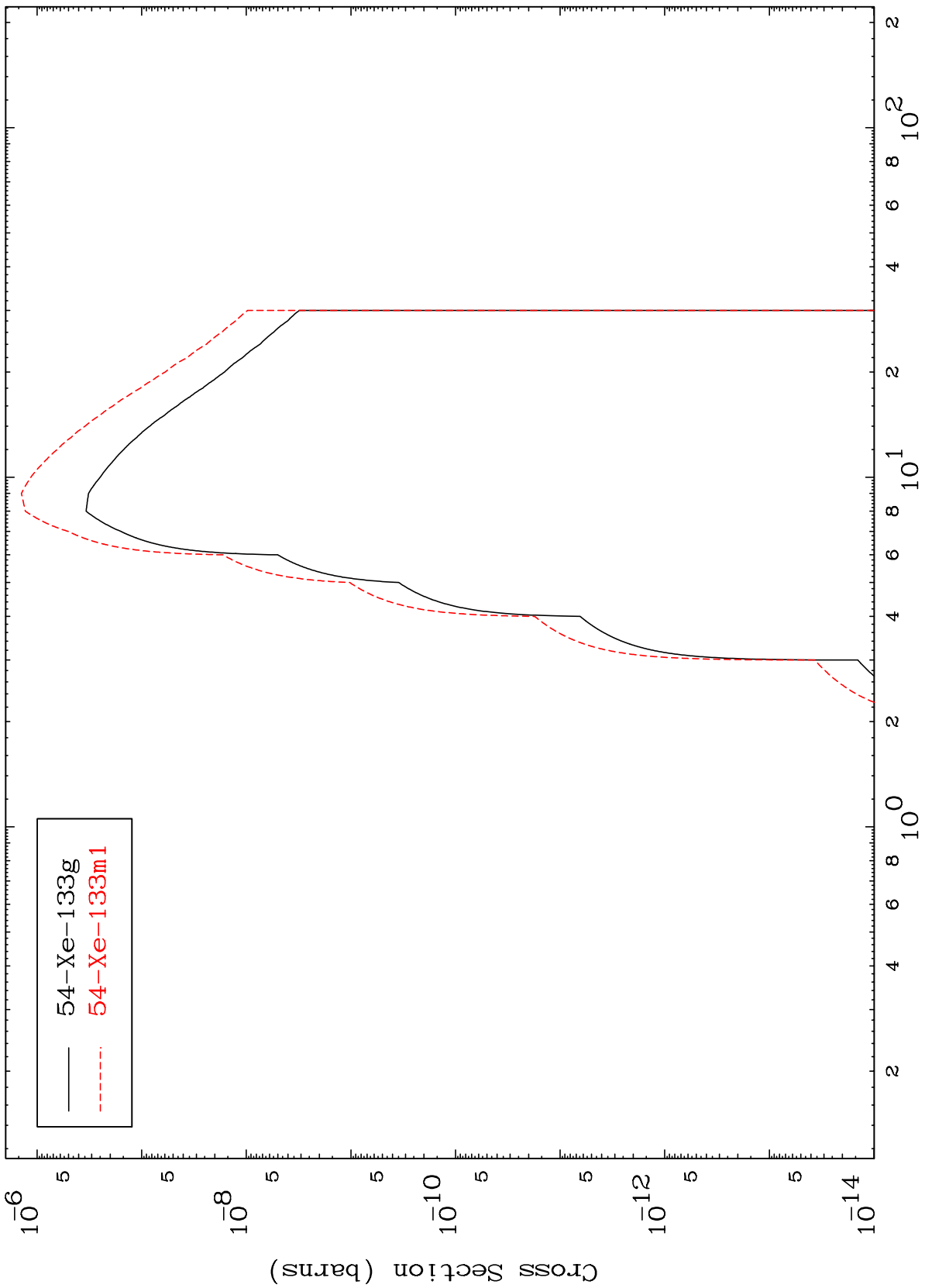
Incident Energy (MeV)

53-I -130

MAT 5334

53-I -130

(n,γ)
Radionuclide Production Cross Section



— 54-Xe-133g
- - - 54-Xe-133m1

20

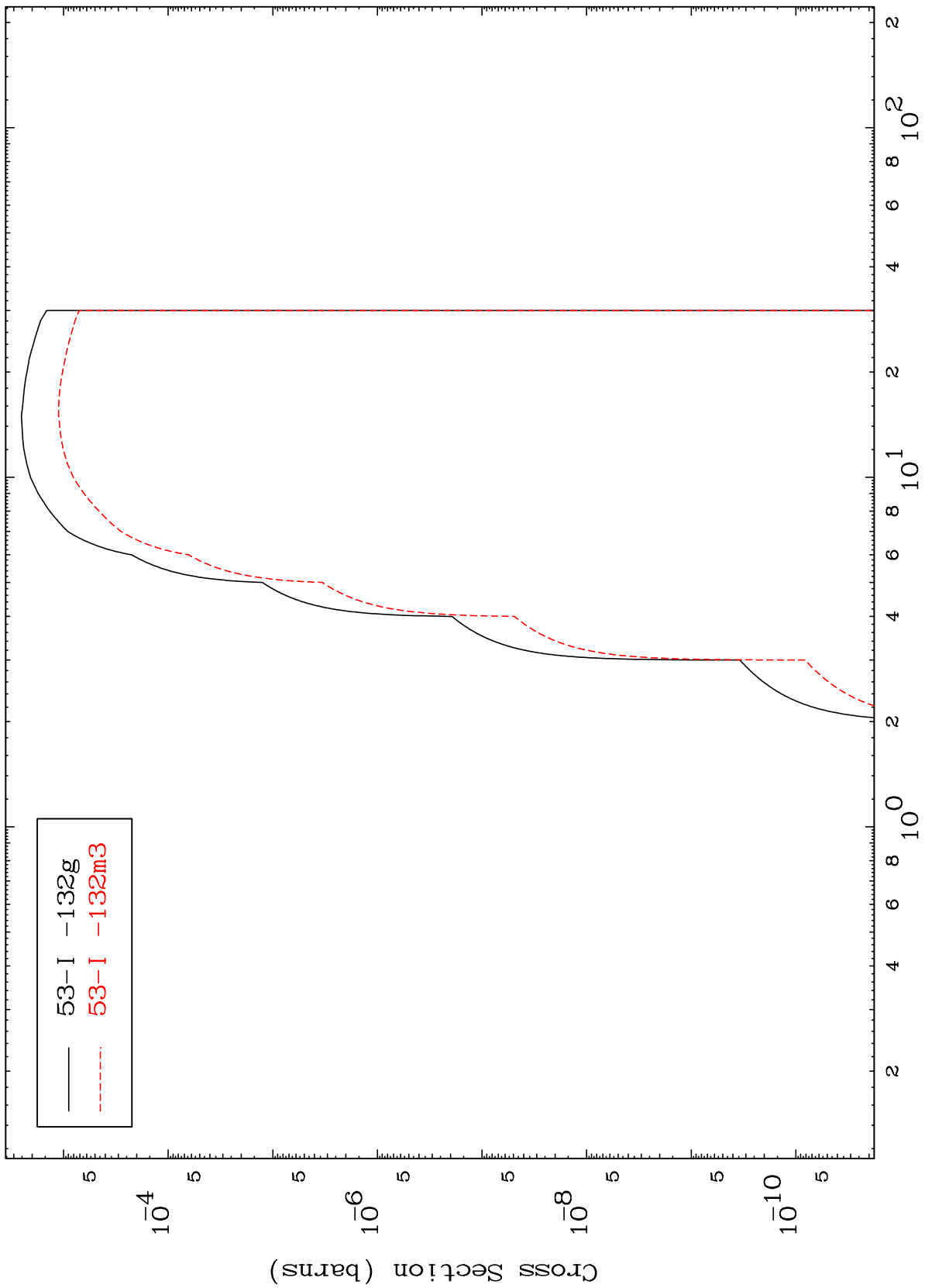
53-I -130

Incident Energy (MeV)

MAT 5334

53-I -130

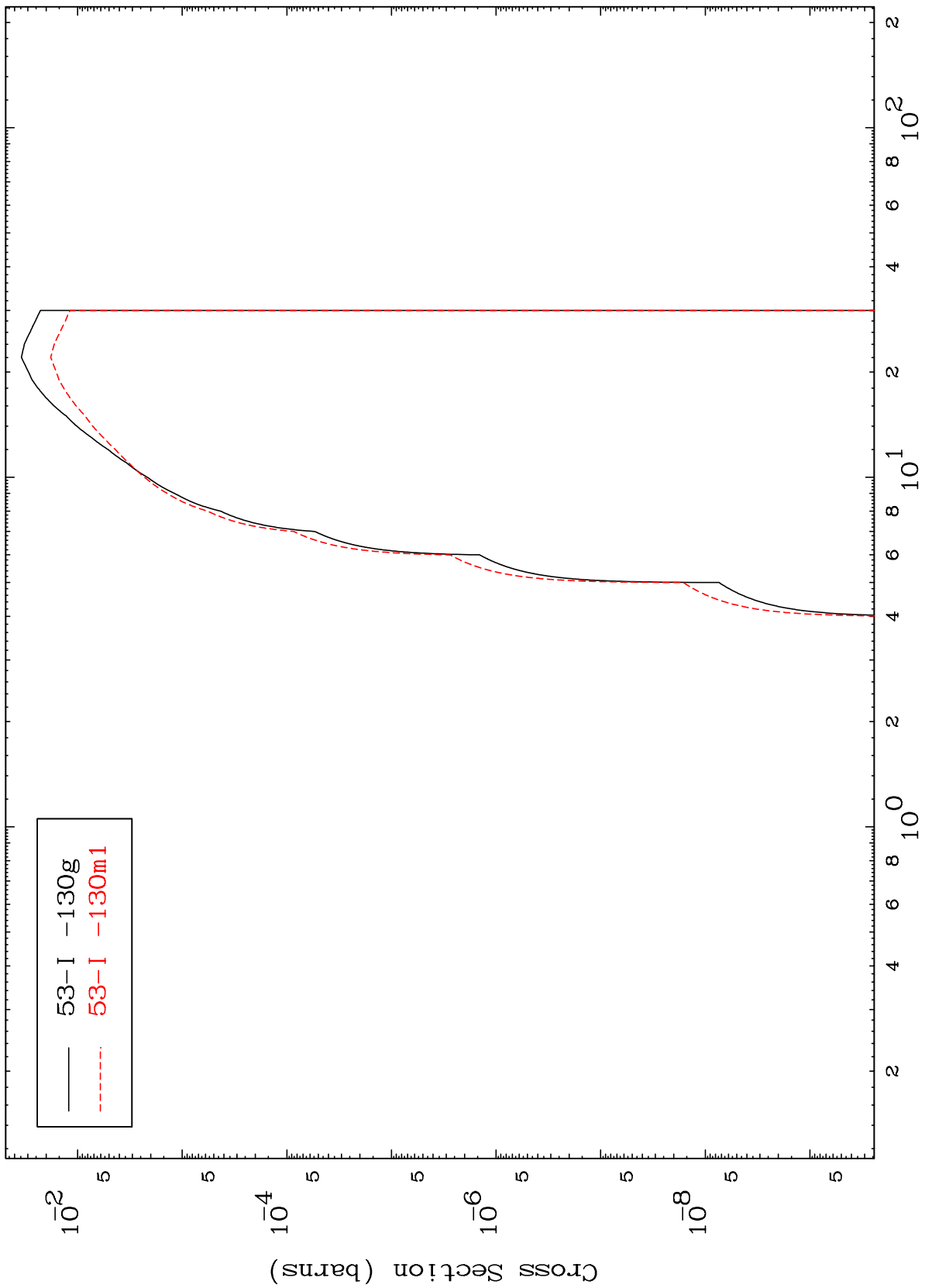
(n,p)
Radionuclide Production Cross Section



MAT 5334

53-I -130

(n, t)
Radionuclide Production Cross Section



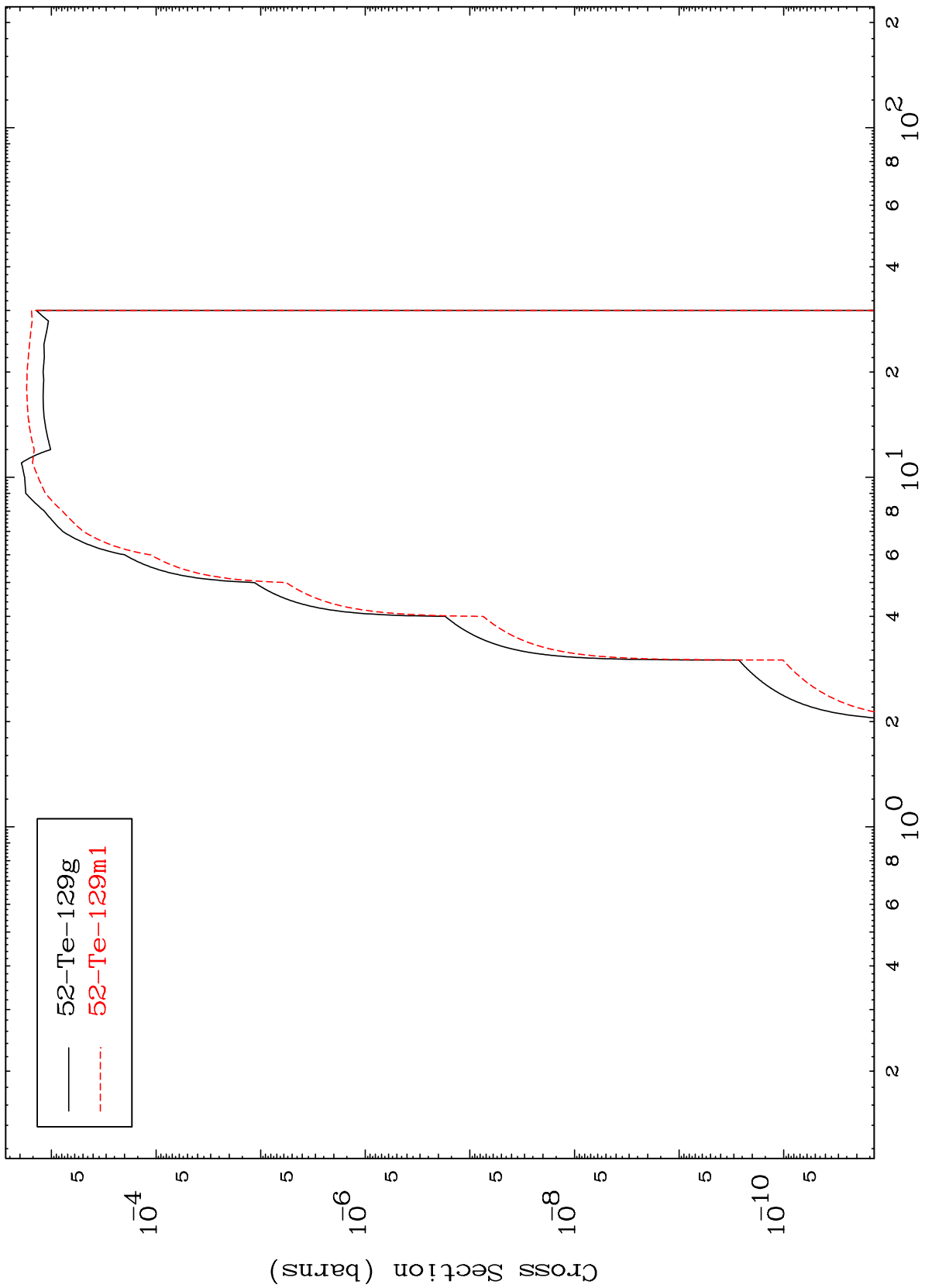
53-I -130

Incident Energy (MeV)

MAT 5334

53-I -130

(n, α)
Radionuclide Production Cross Section



23

53-I -130

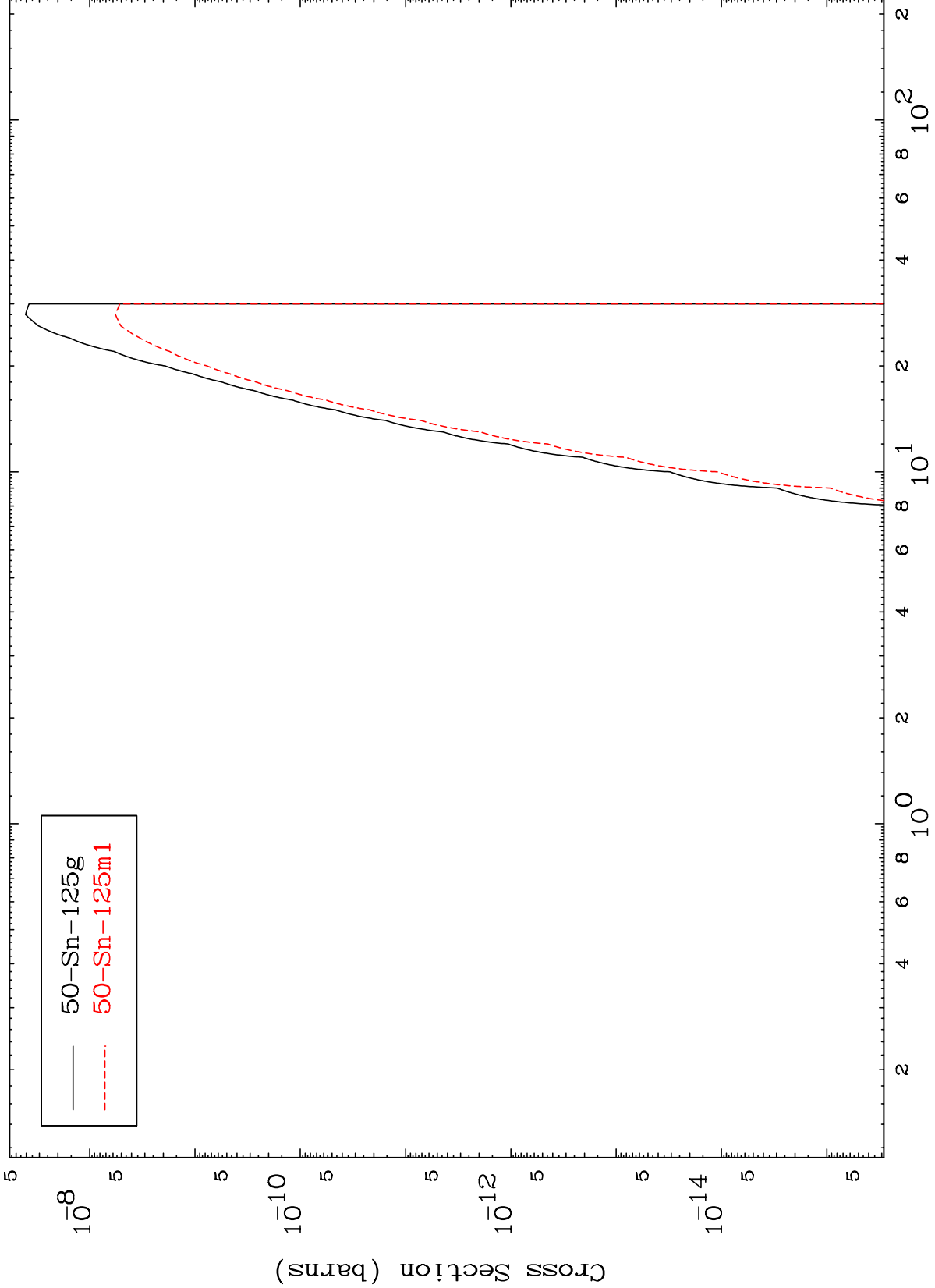
Incident Energy (MeV)

MAT 5334

(n,2α)

53-I -130

Radionuclide Production Cross Section



50-Sn-125g
50-Sn-125m1

24

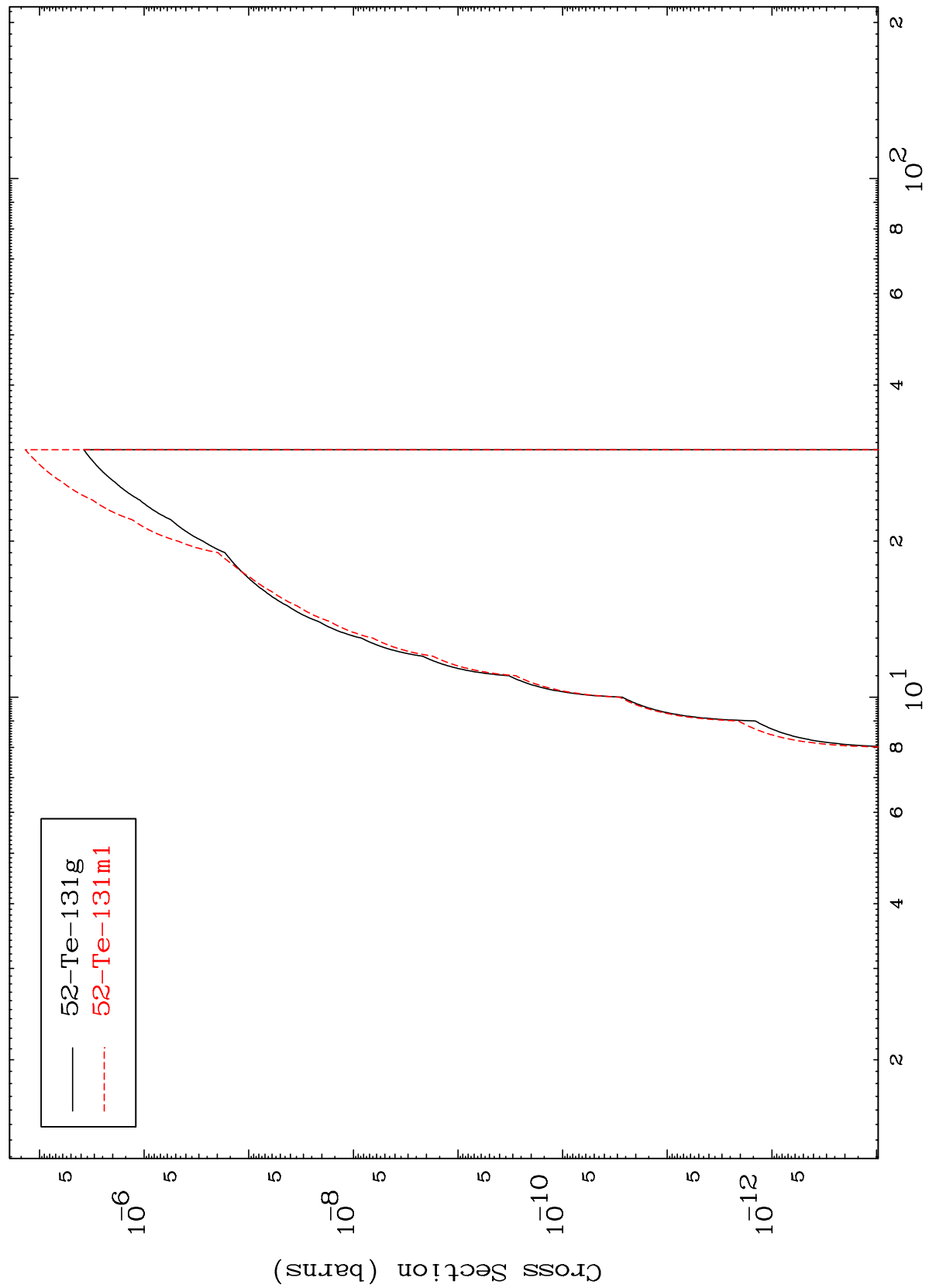
Incident Energy (MeV)

53-I -130

MAT 5334

53-I -130

(n,2p)
Radionuclide Production Cross Section



25

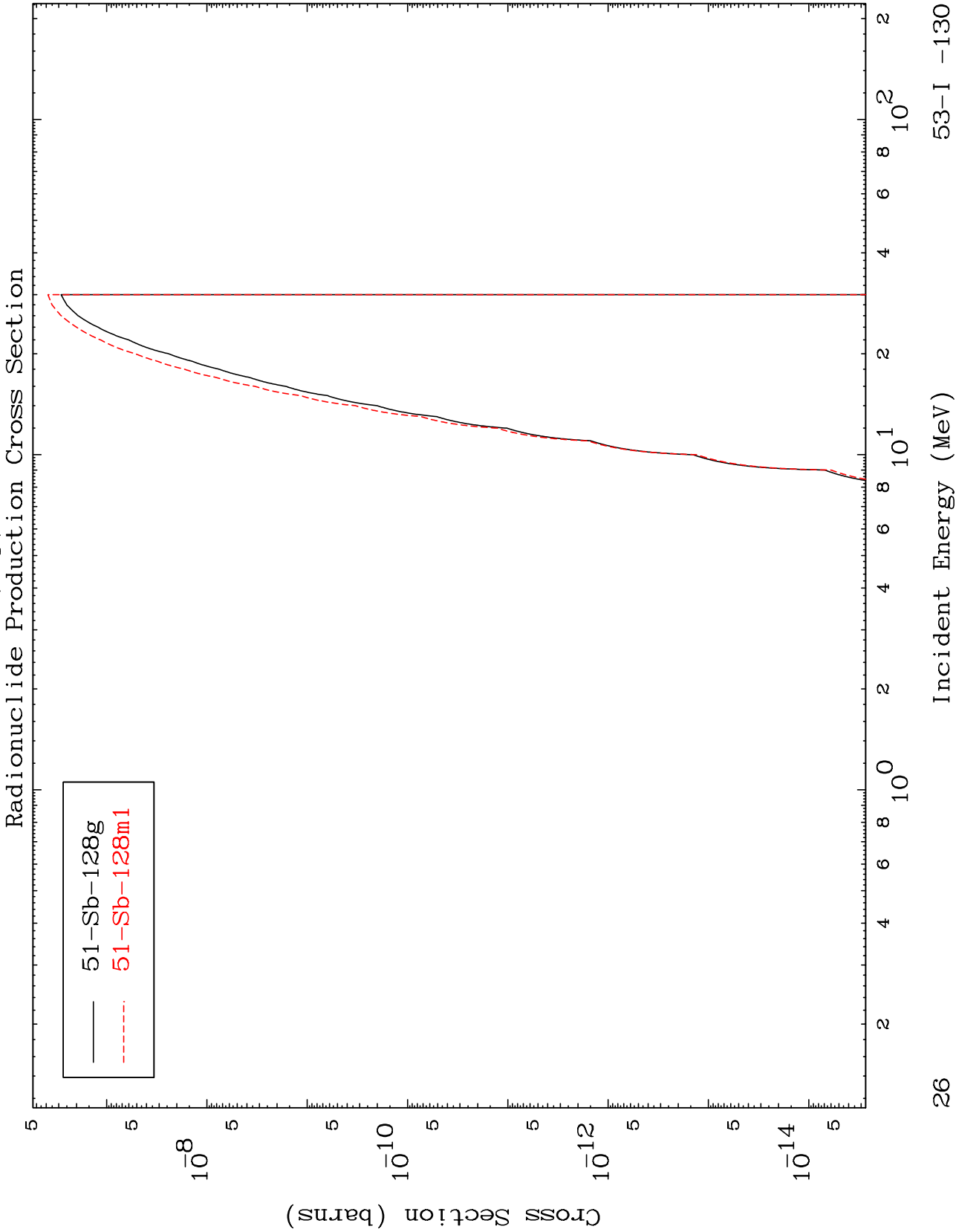
53-I -130

Incident Energy (MeV)

MAT 5334

(n,p) α

53-I -130



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

Radionuclide Production Cross Section

