

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

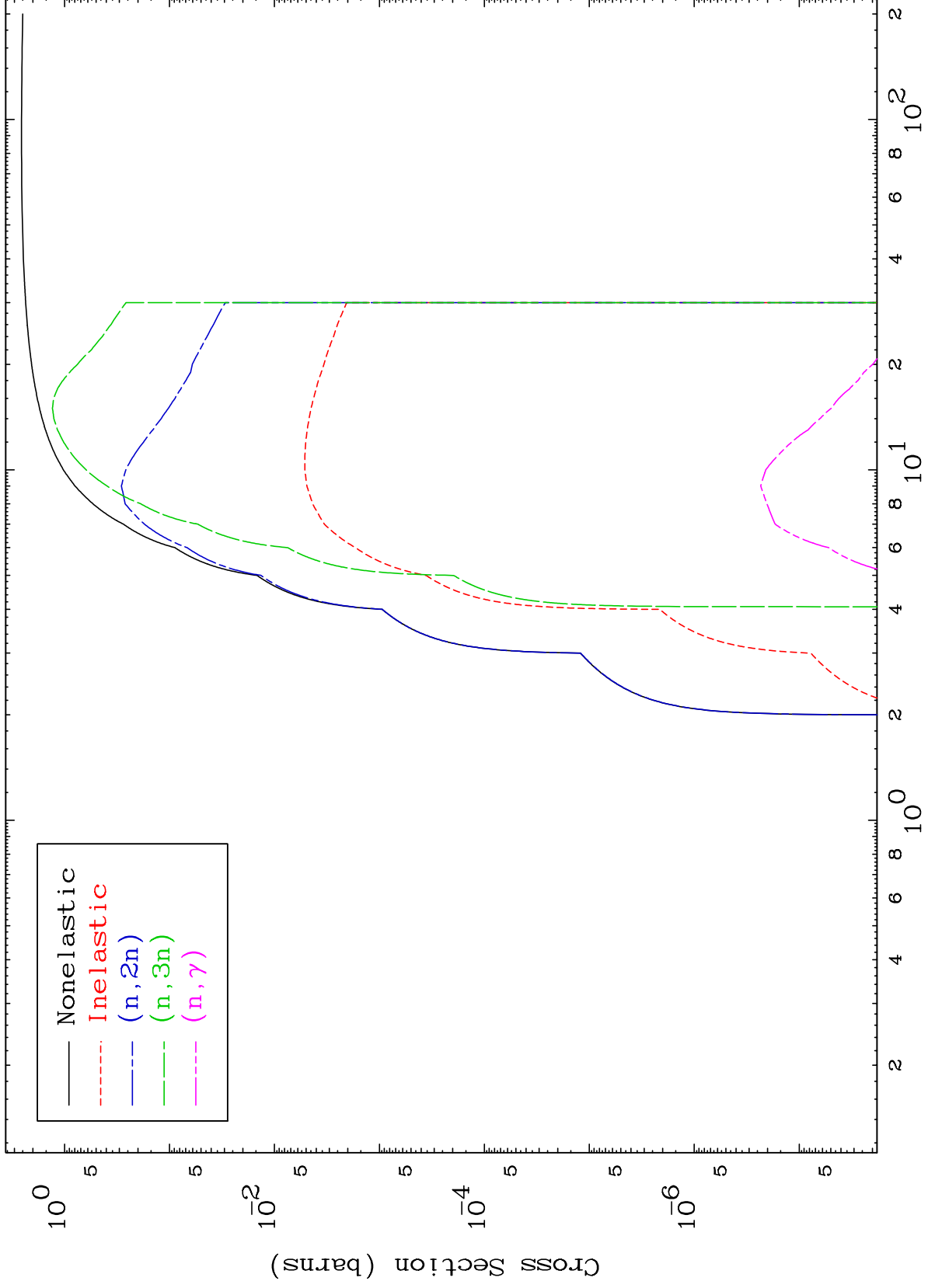
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

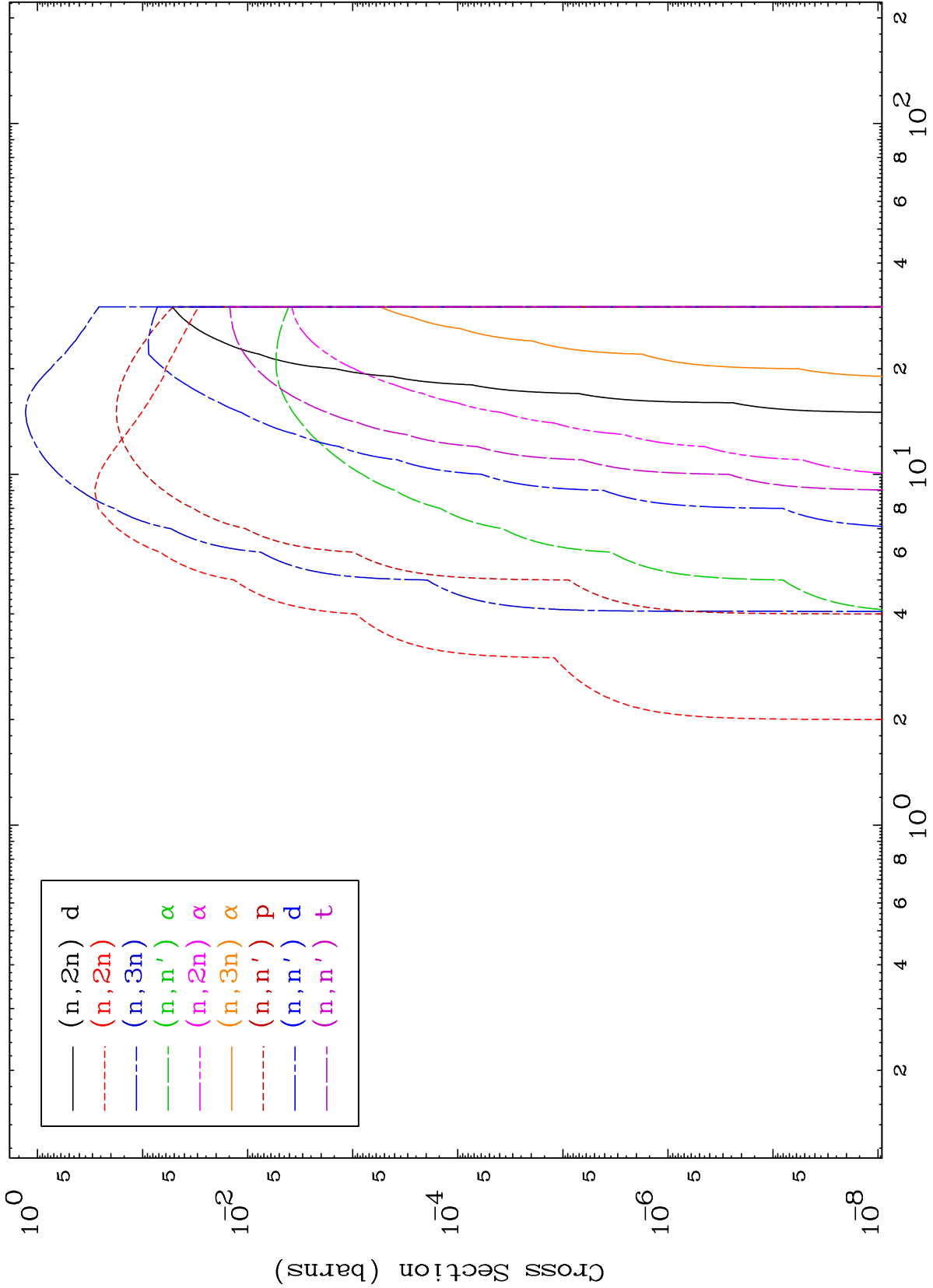
Tele: 925-443-1911

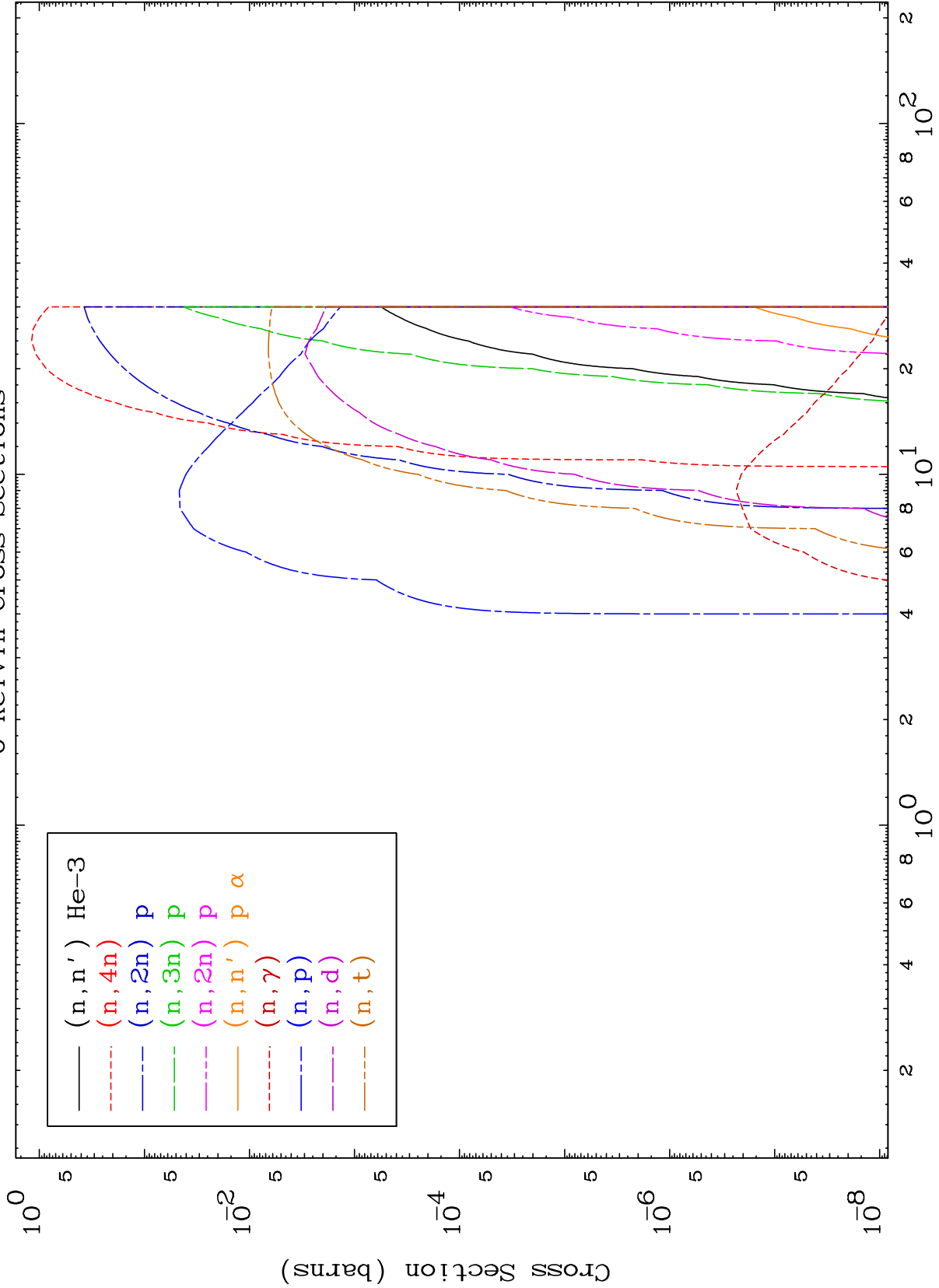
E.Mail: redcullen1@comcast.net

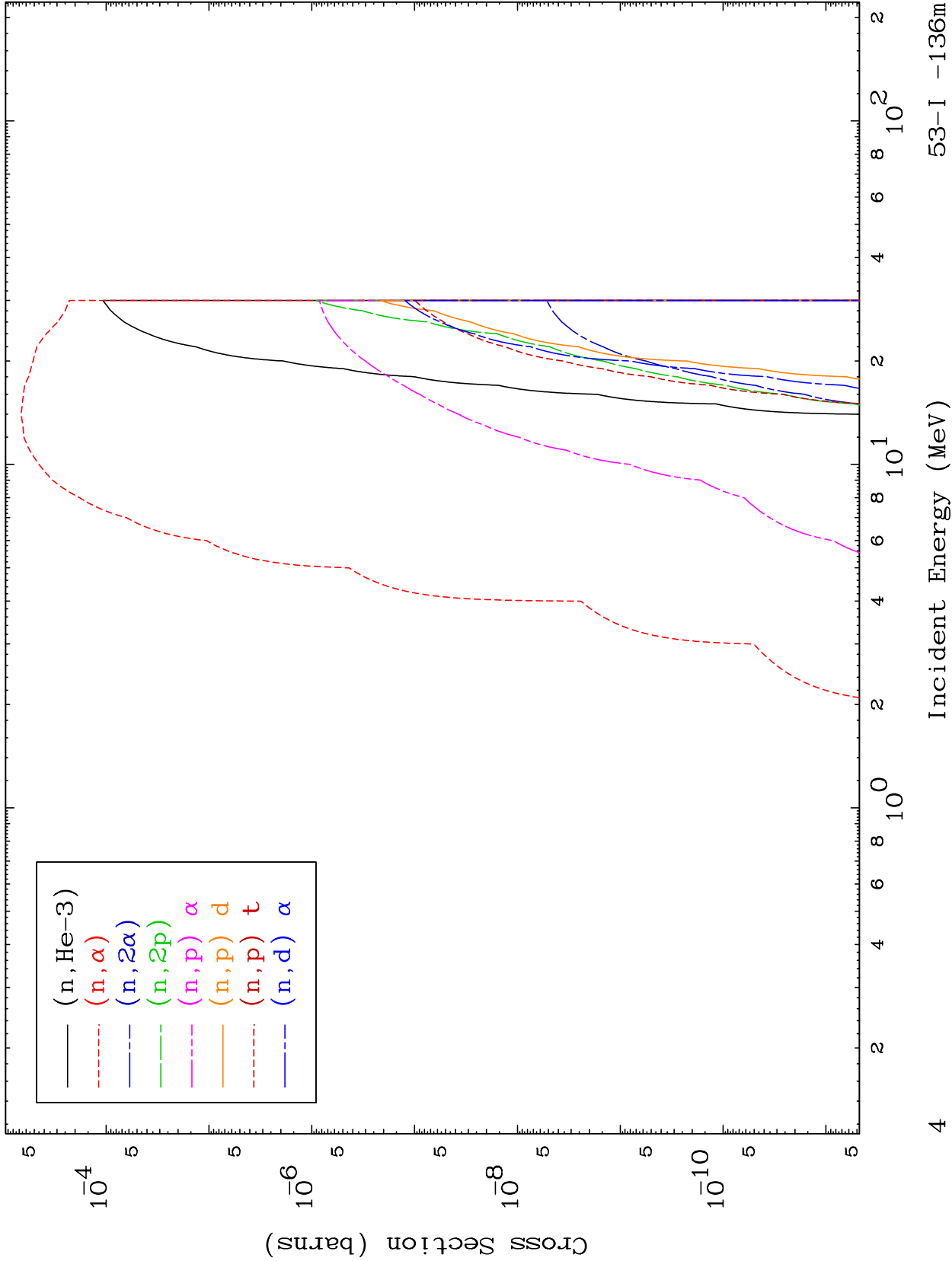
Web: redcullen1.net/HOMEPAGE.NEW

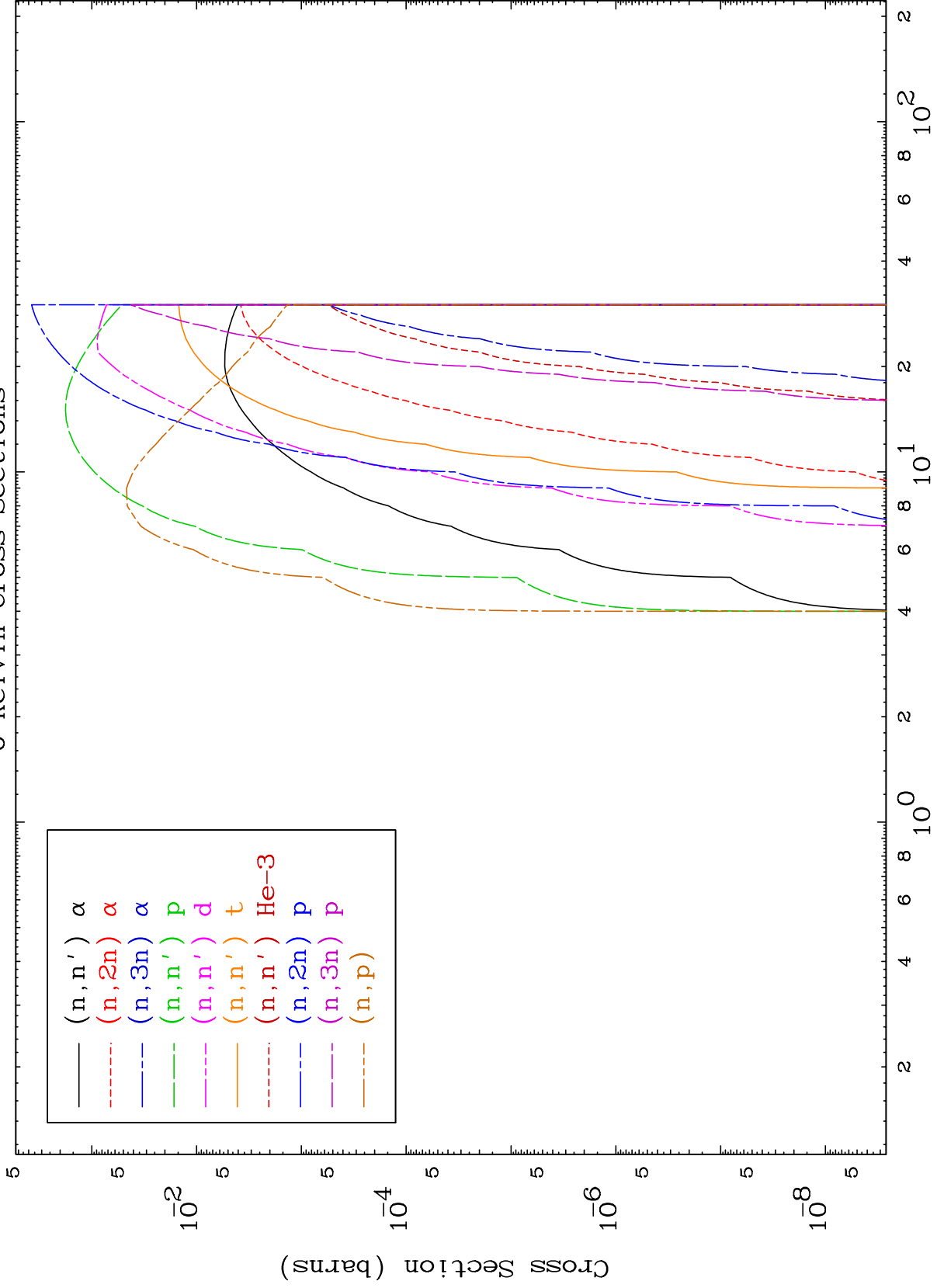
Press Mouse Button to Start







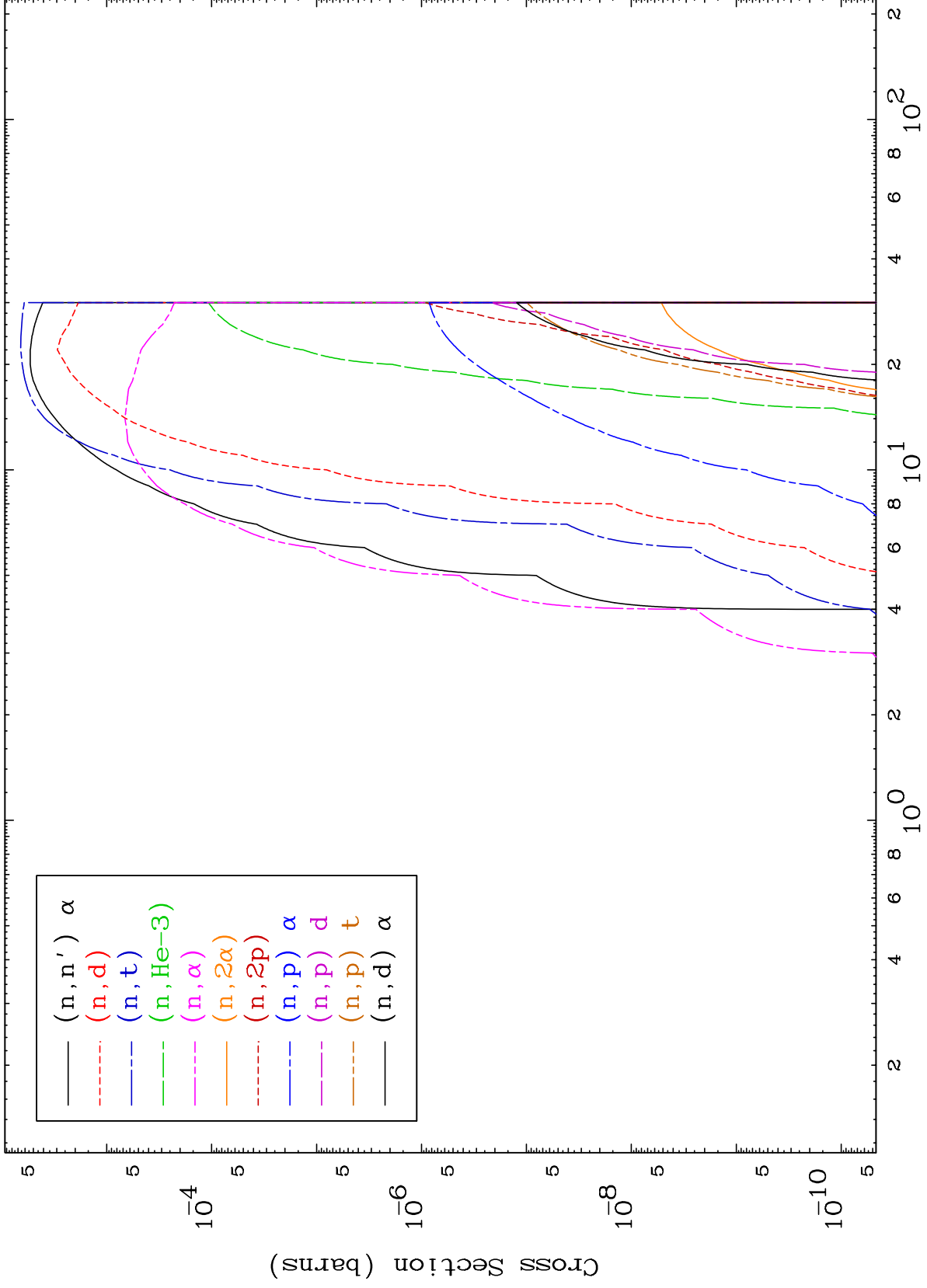




MAT 5353

Deuteron Charged Particle
0 Kelvin Cross Sections

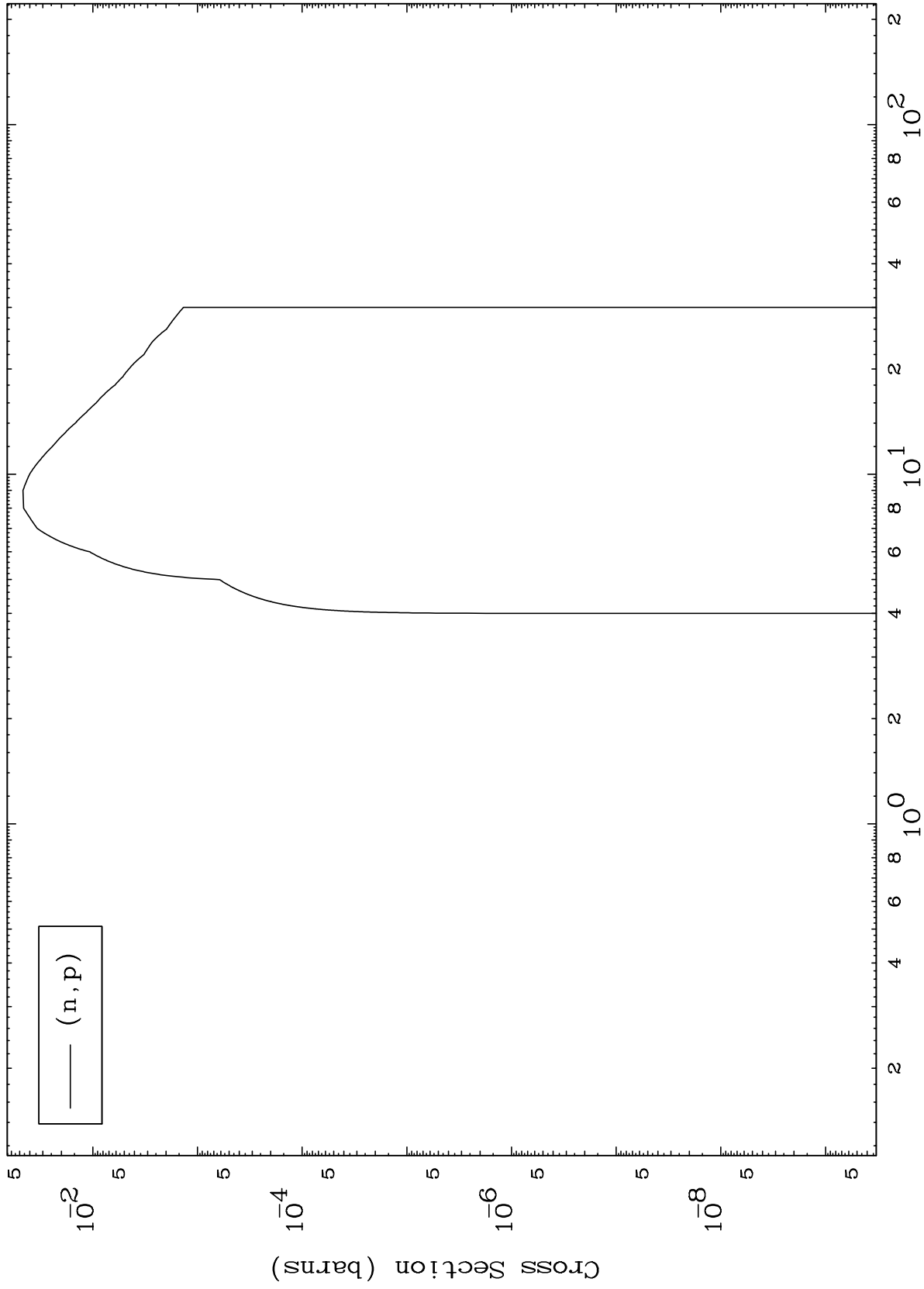
53-I -136m



MAT 5353

53-I -136m

(d,p) Levels
0 Kelvin Cross Sections



53-I -136m

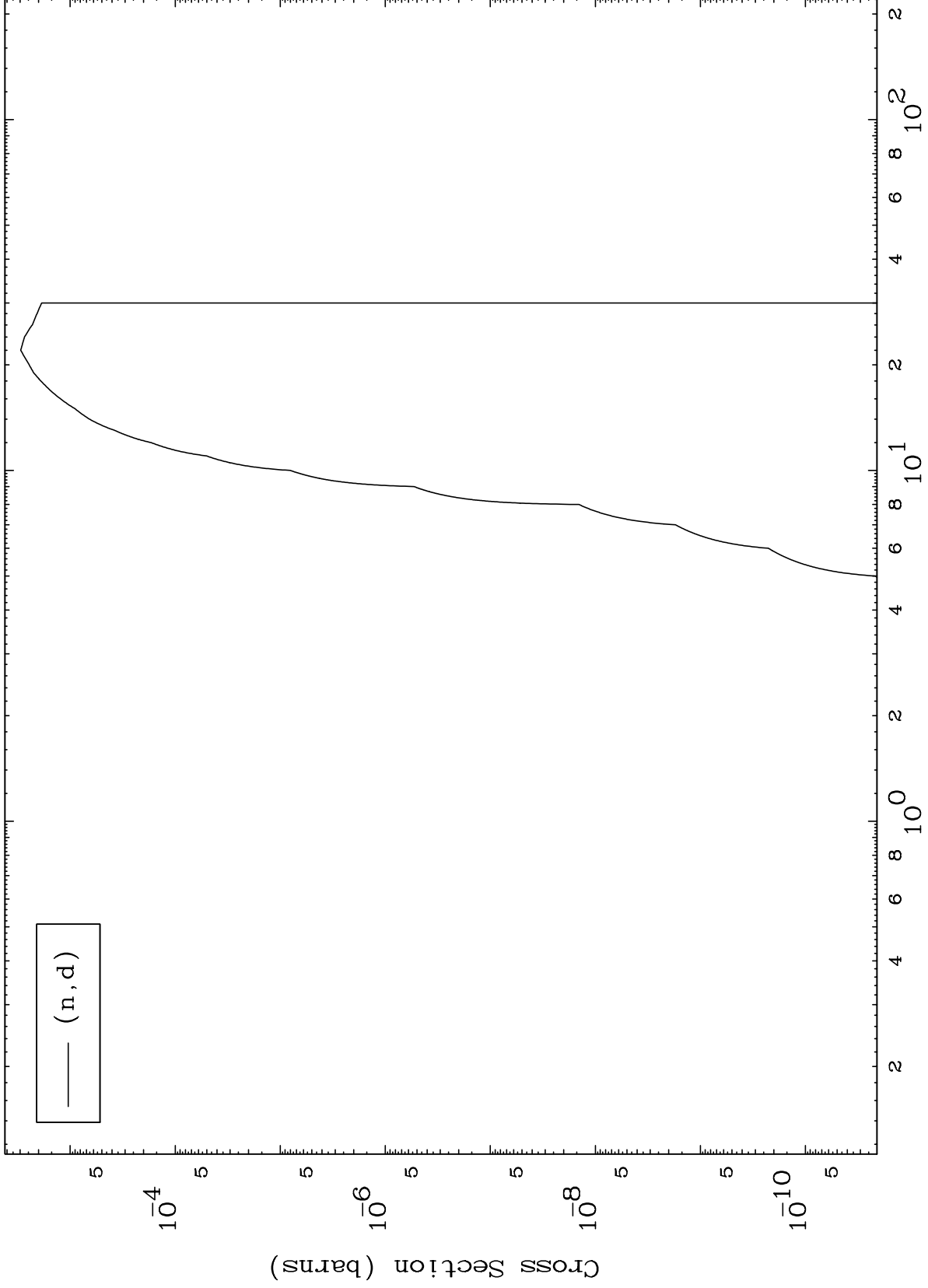
Incident Energy (MeV)

MAT 5353

(d,d) Levels

53-I -136m

0 Kelvin Cross Sections

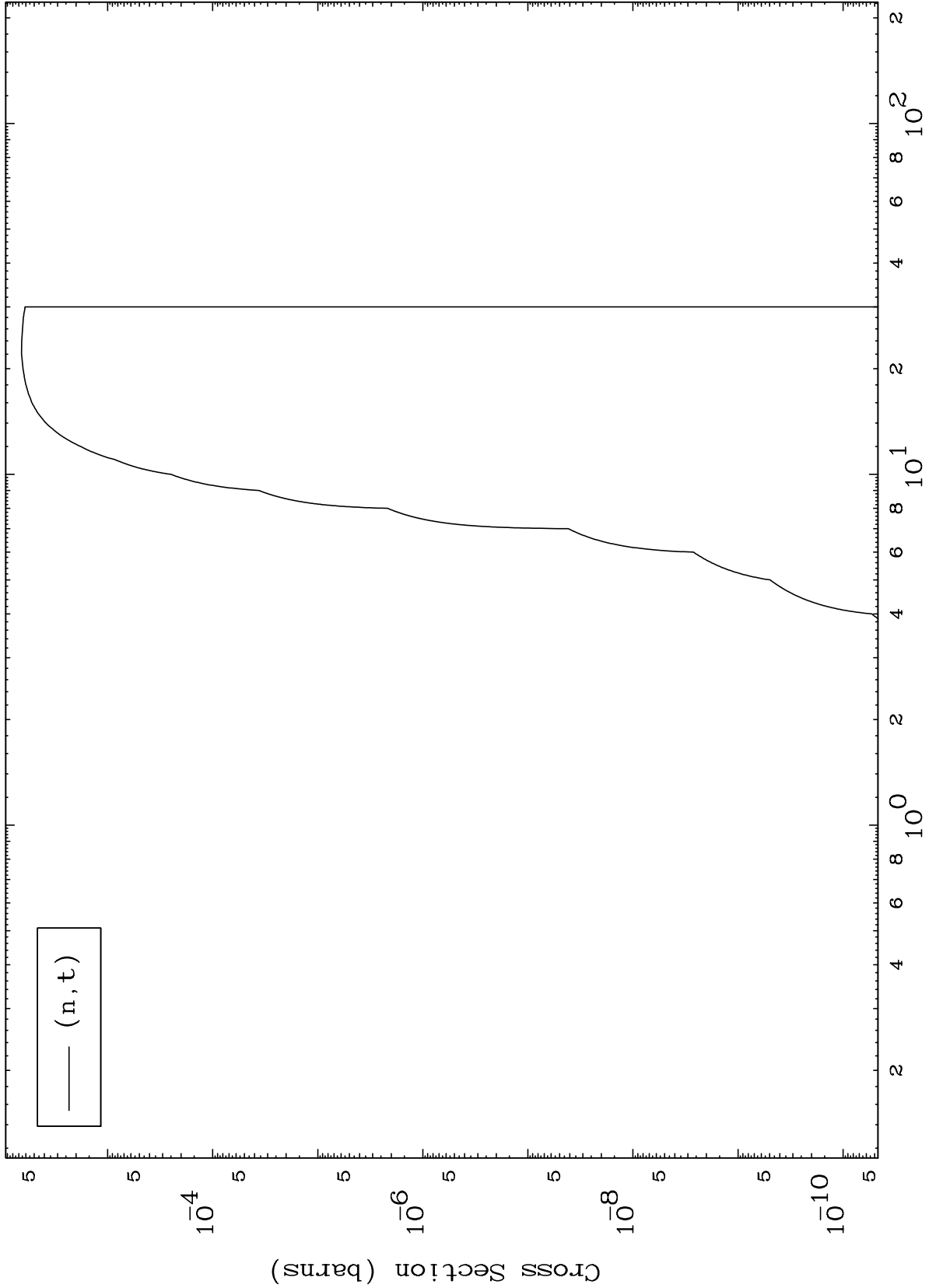


MAT 5353

(d,t) Levels

53-I -136m

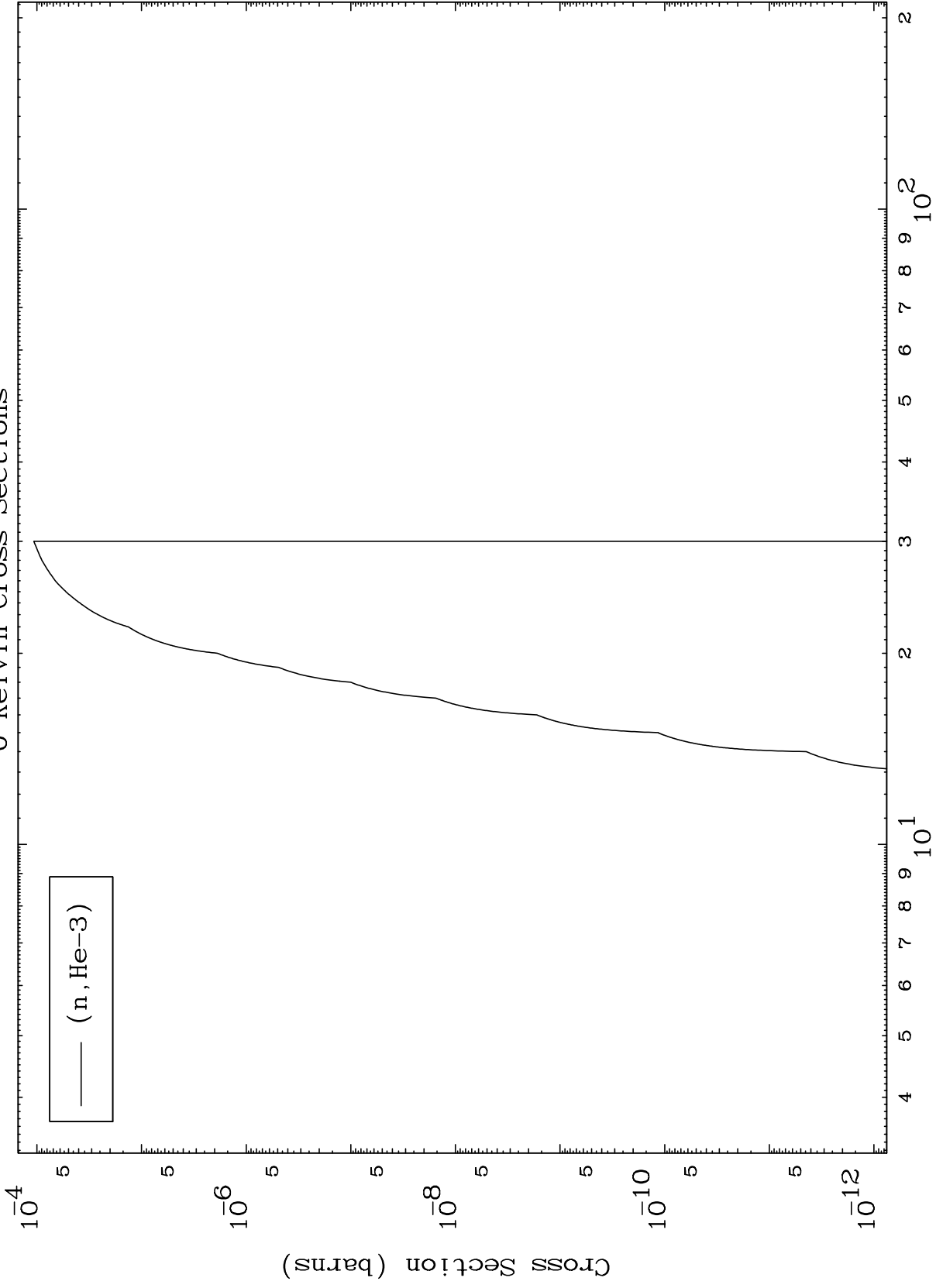
0 Kelvin Cross Sections



MAT 5353

(d,He3) Levels
0 Kelvin Cross Sections

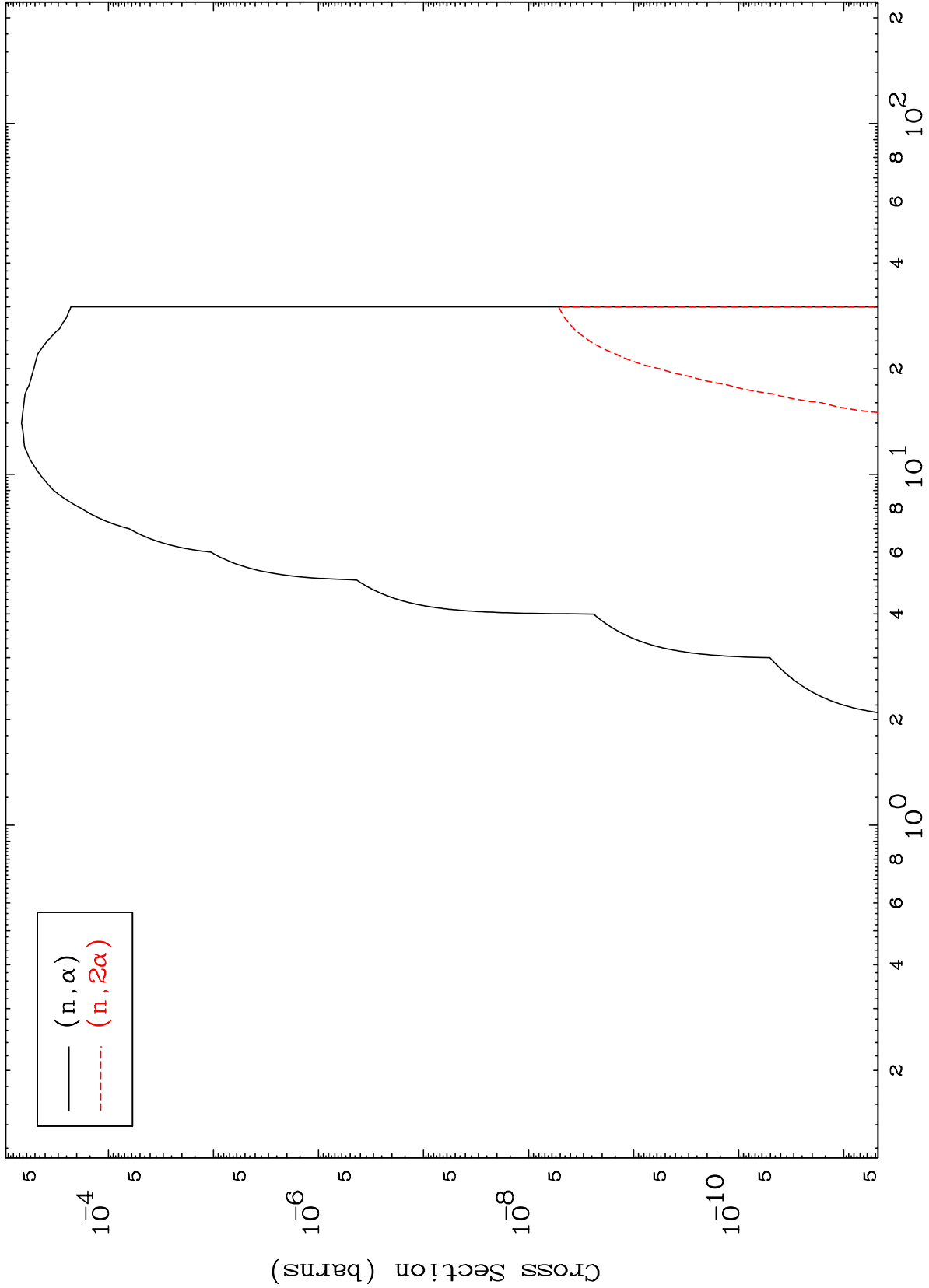
53-I -136m



10

Incident Energy (MeV)

53-I -136m

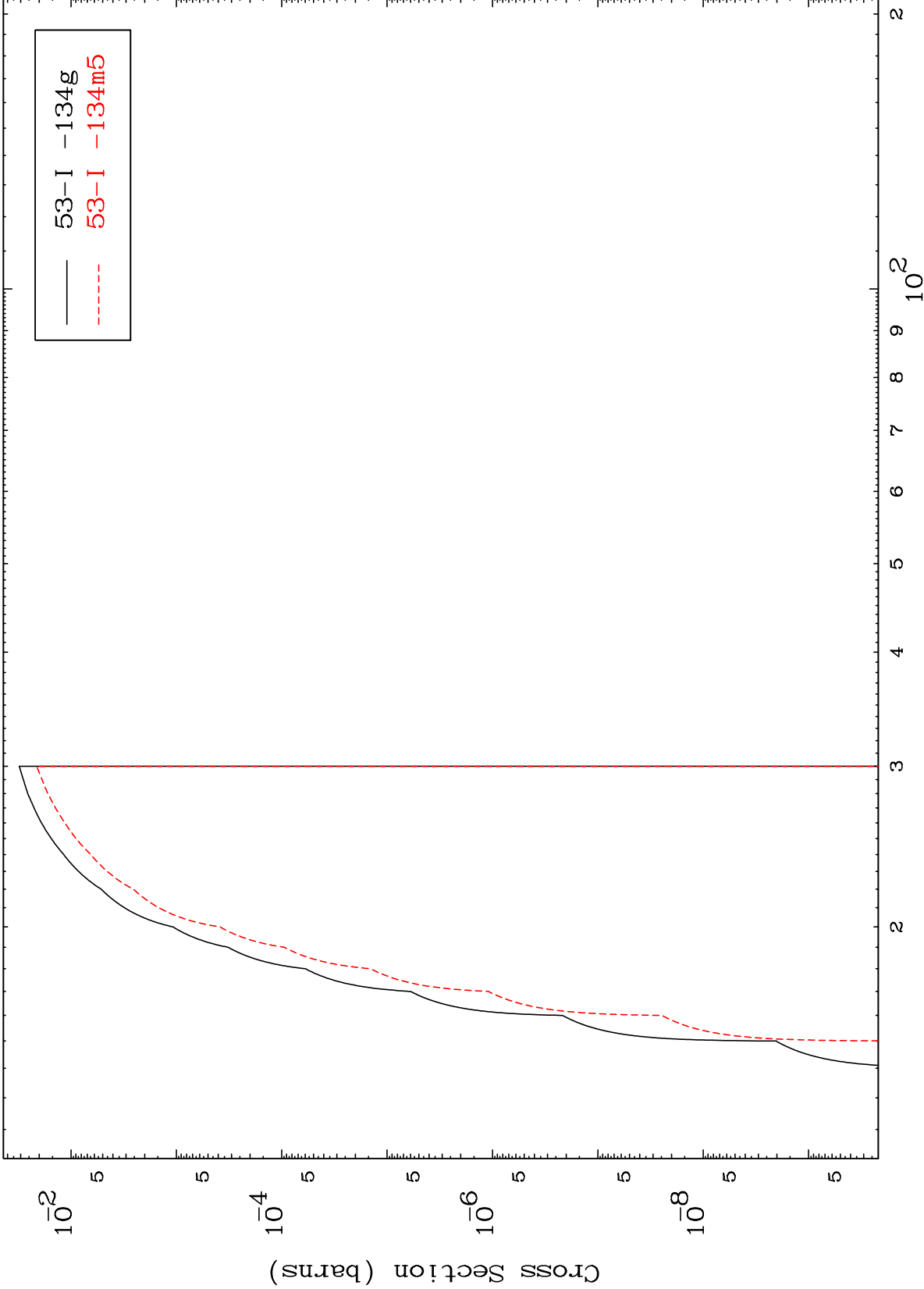


MAT 5353

(n,2n) d

53-I -136m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

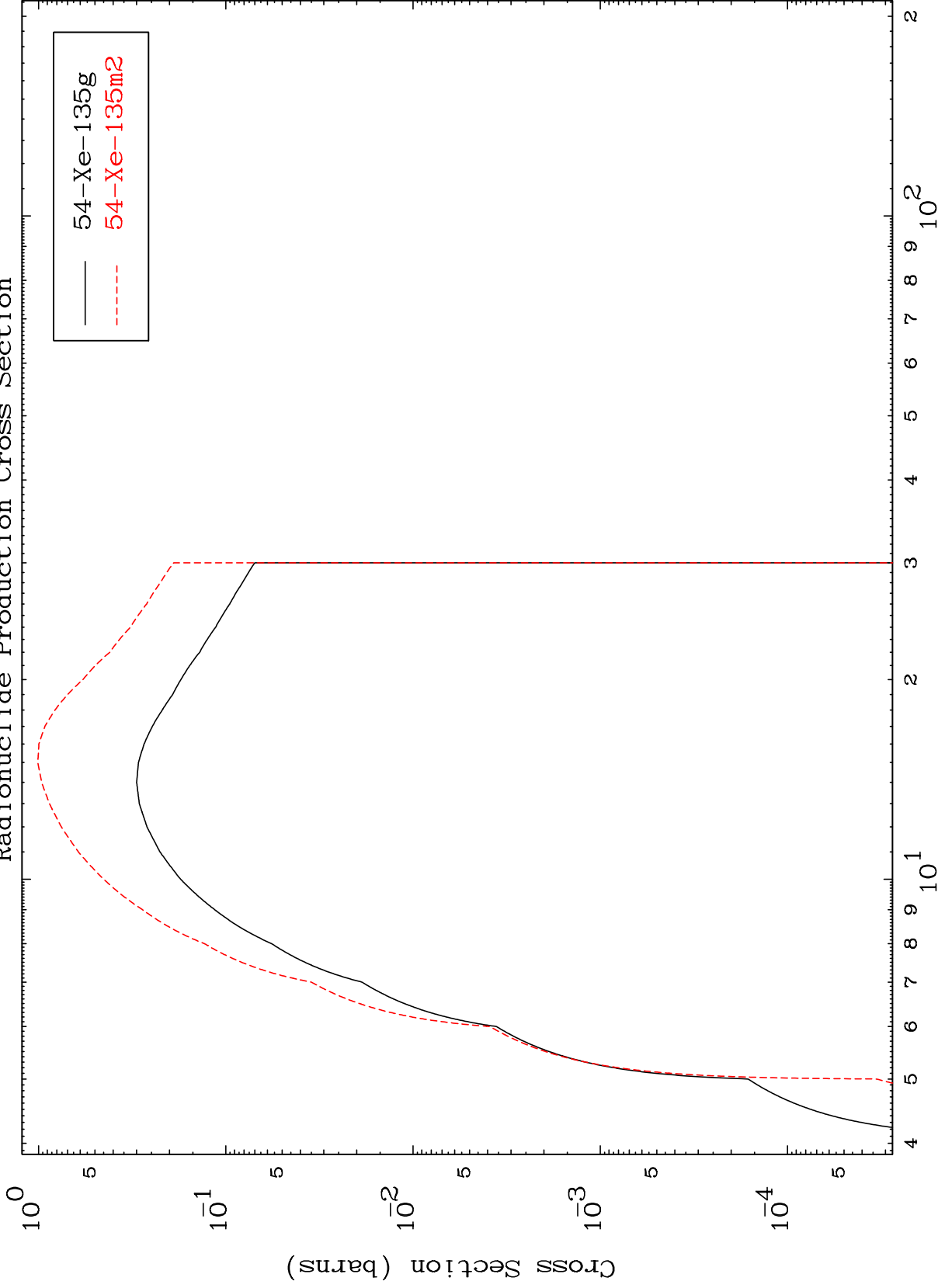
53-I -136m

MAT 5353

(n, 3n)

53-I -136m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

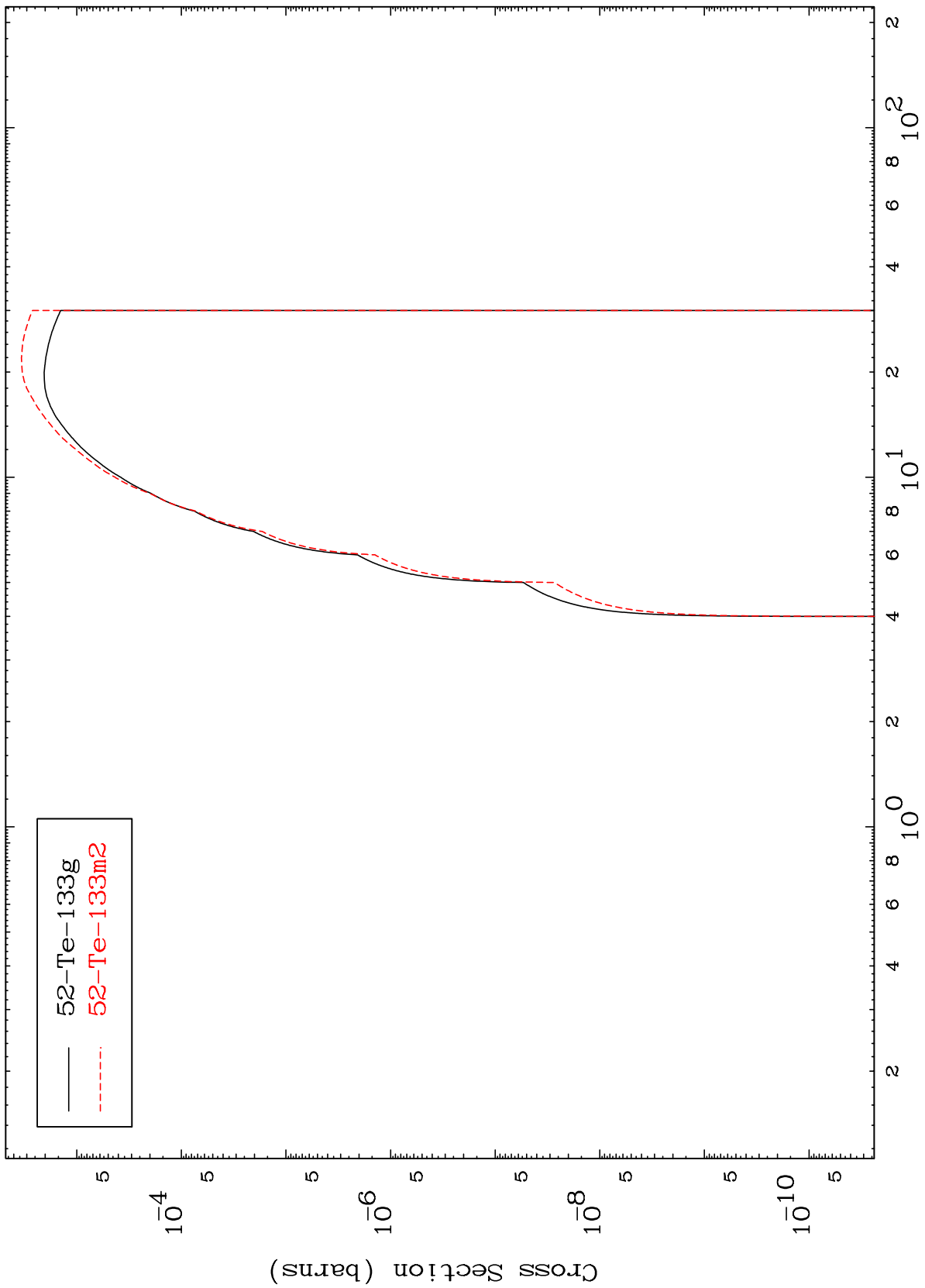
53-I -136m

MAT 5353

(n,n') α

53-I -136m

Radionuclide Production Cross Section

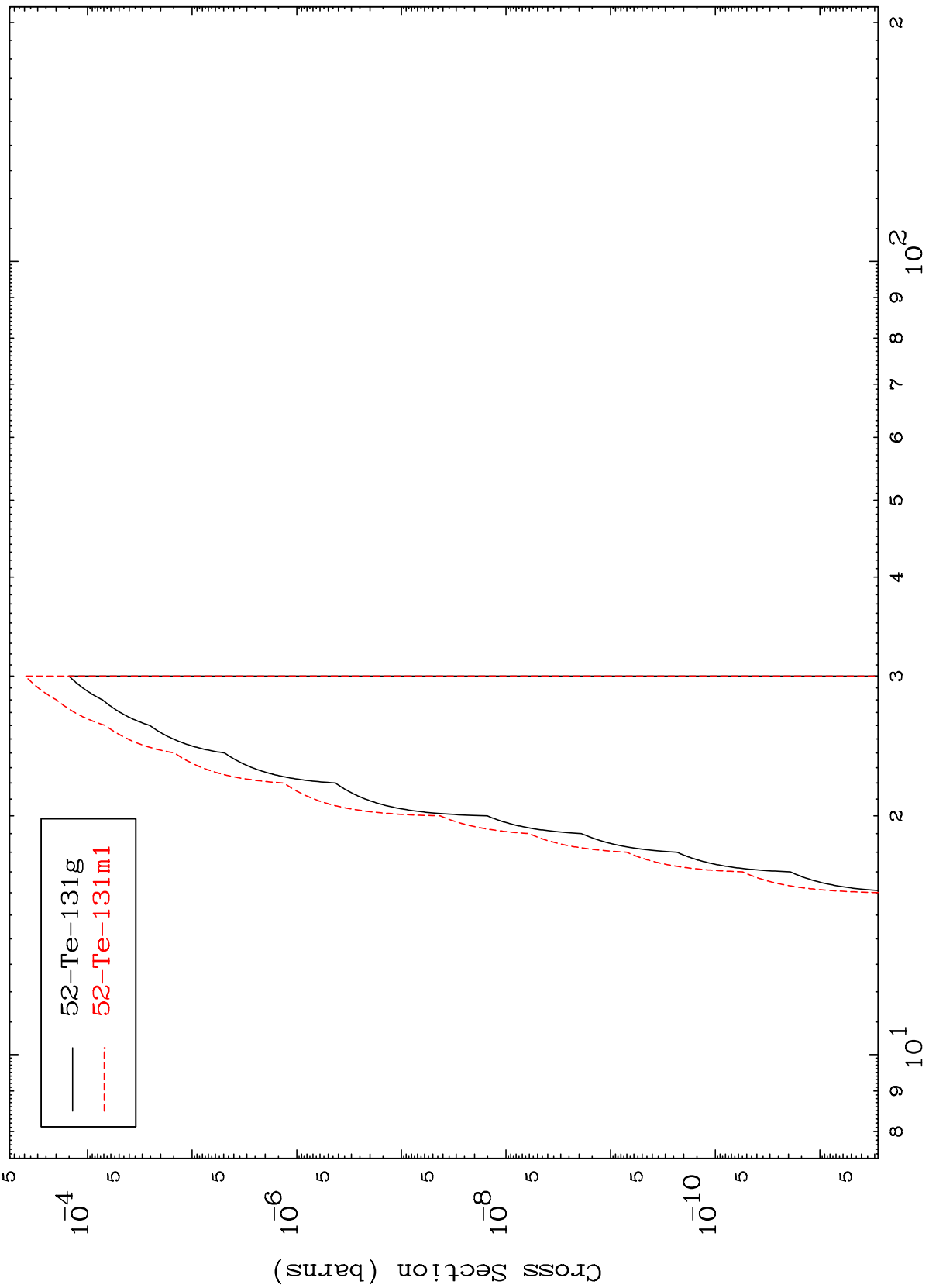


MAT 5353

(n,3n) α

53-I -136m

Radionuclide Production Cross Section



15

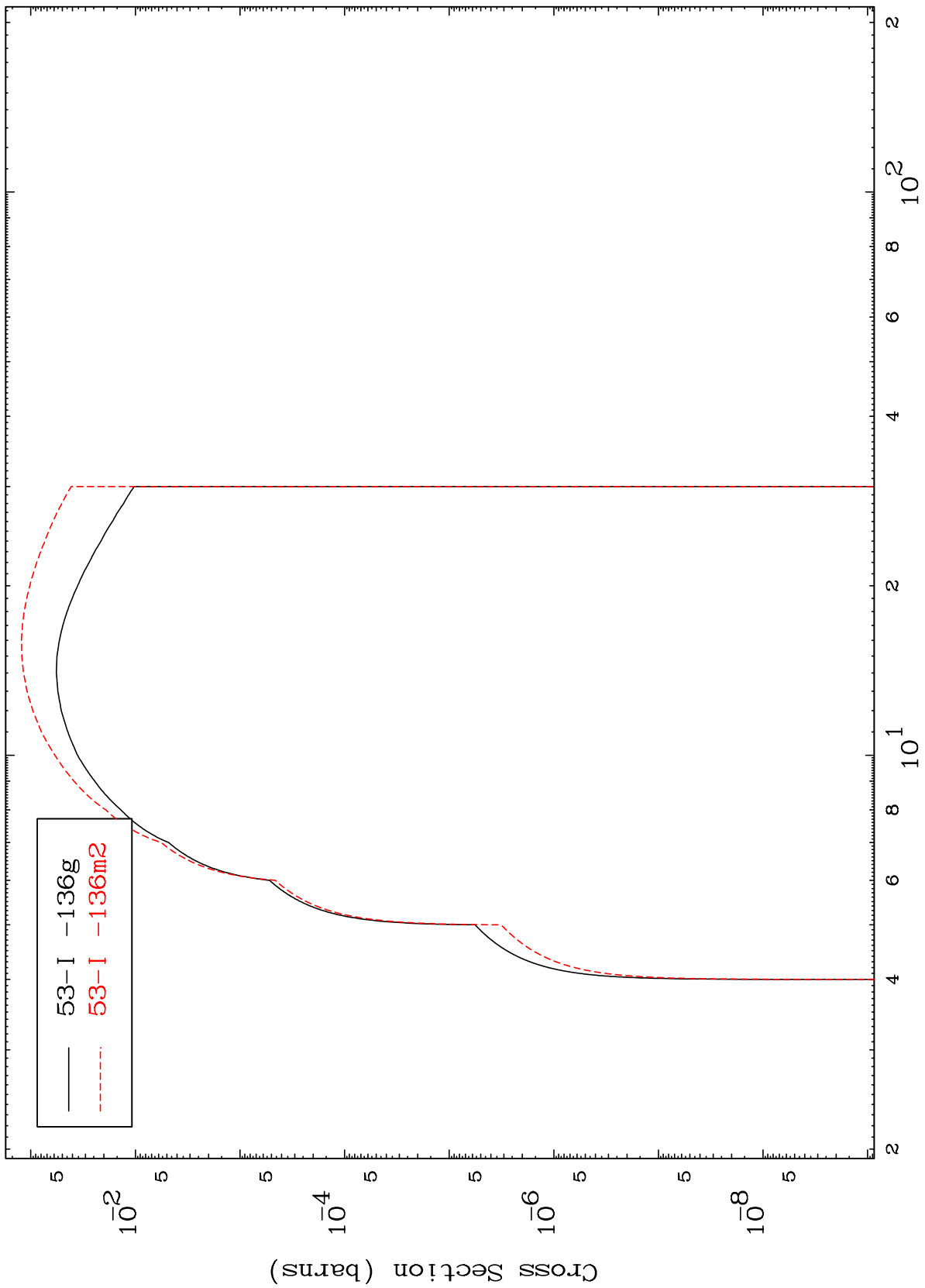
Incident Energy (MeV)

53-I -136m

MAT 5353

53-I -136m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

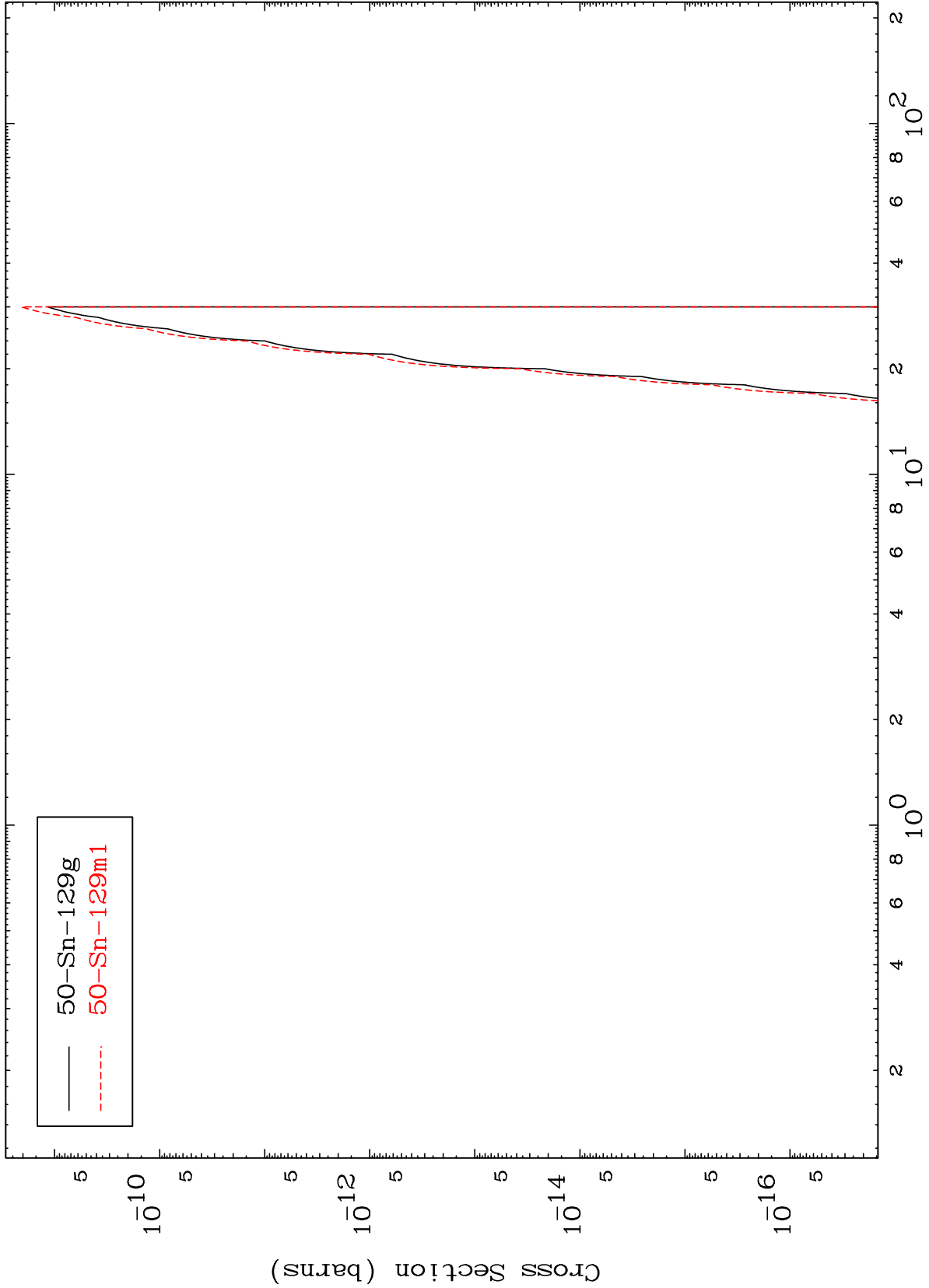
53-I -136m

MAT 5353

(n,n') 2 α

53-I -136m

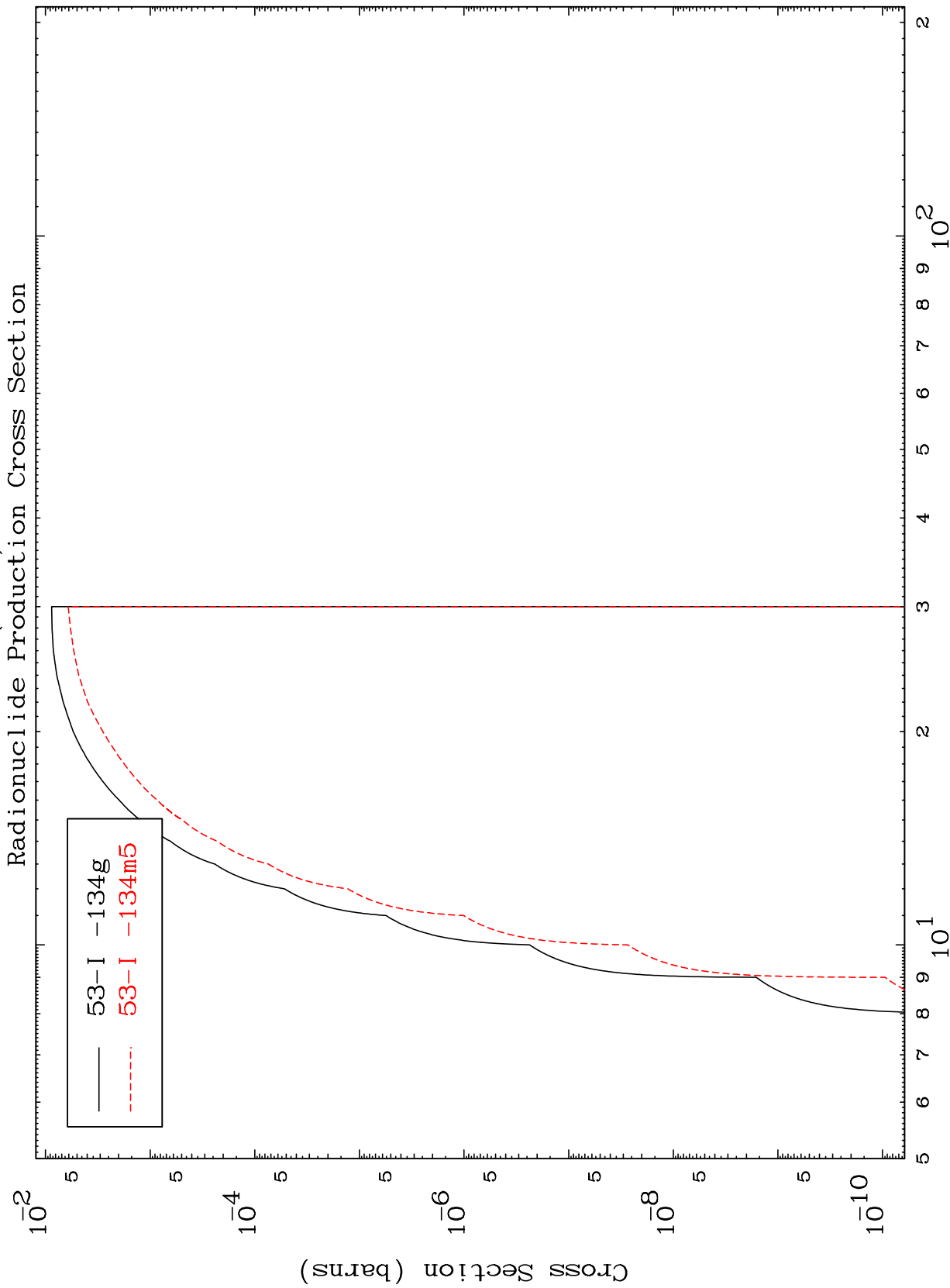
Radionuclide Production Cross Section



MAT 5353

(n,n') t

53-I -136m



18

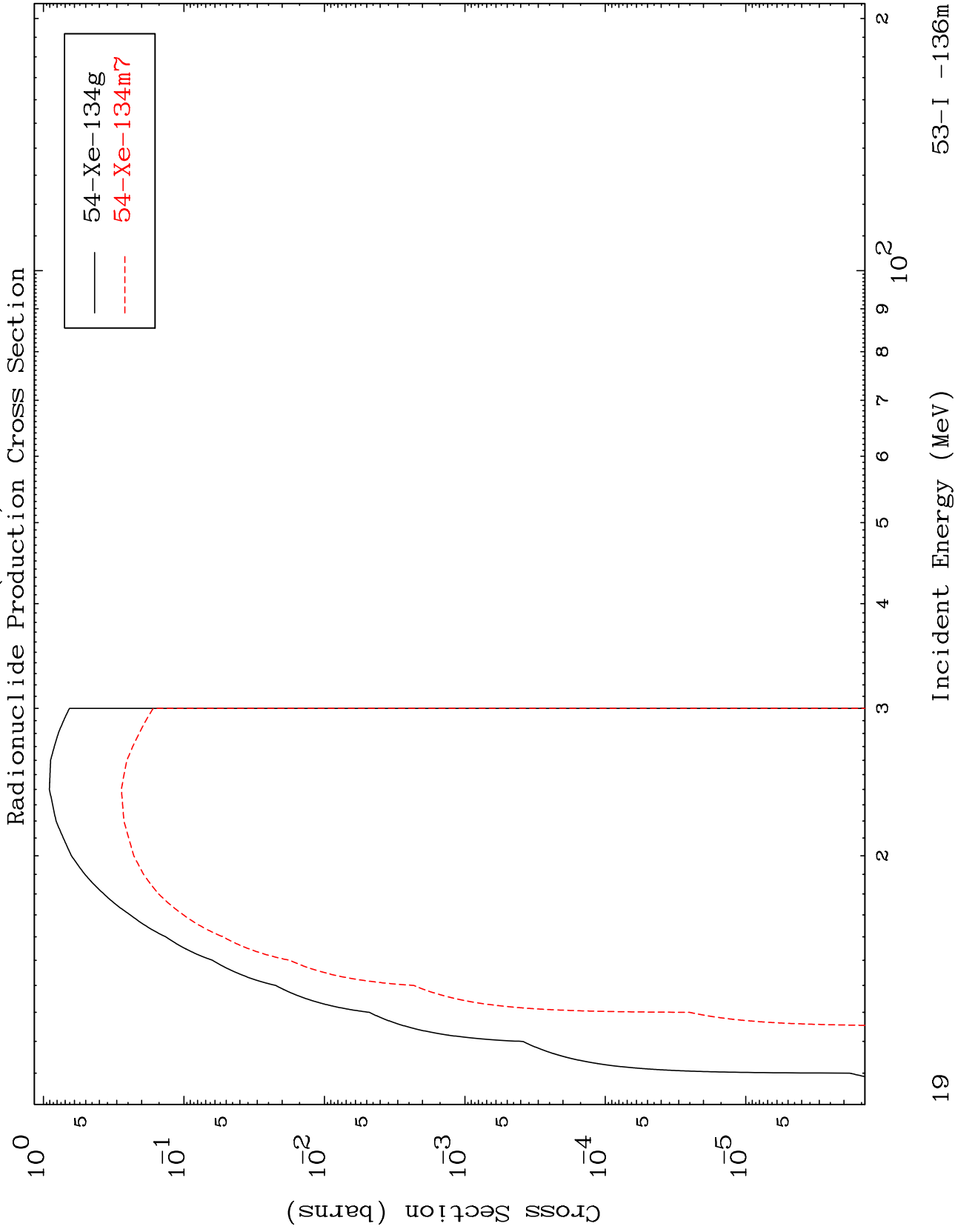
Incident Energy (MeV)

53-I -136m

MAT 5353

(n,4n)

53-I -136m

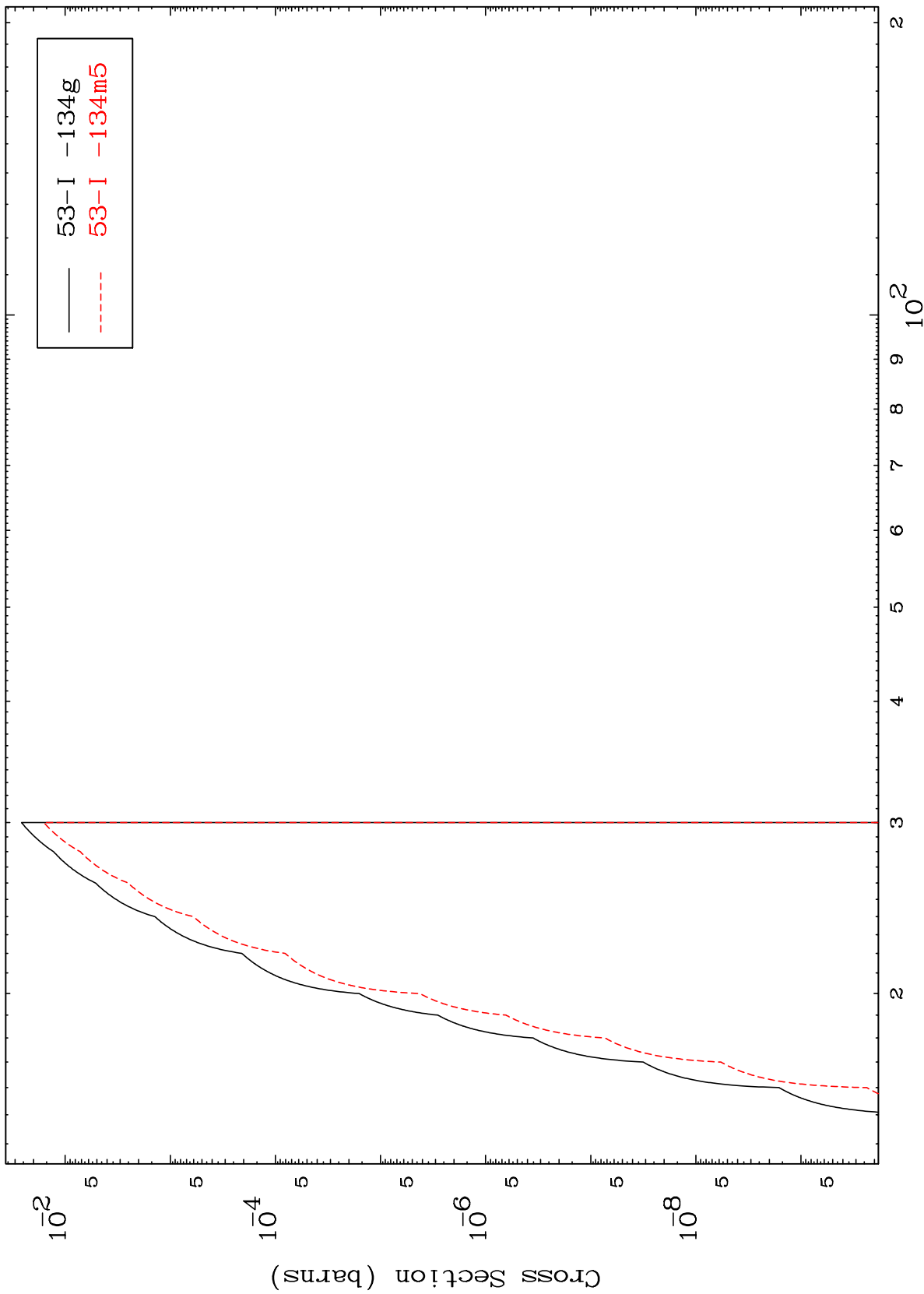


19

Incident Energy (MeV)

53-I -136m

Radionuclide Production Cross Section

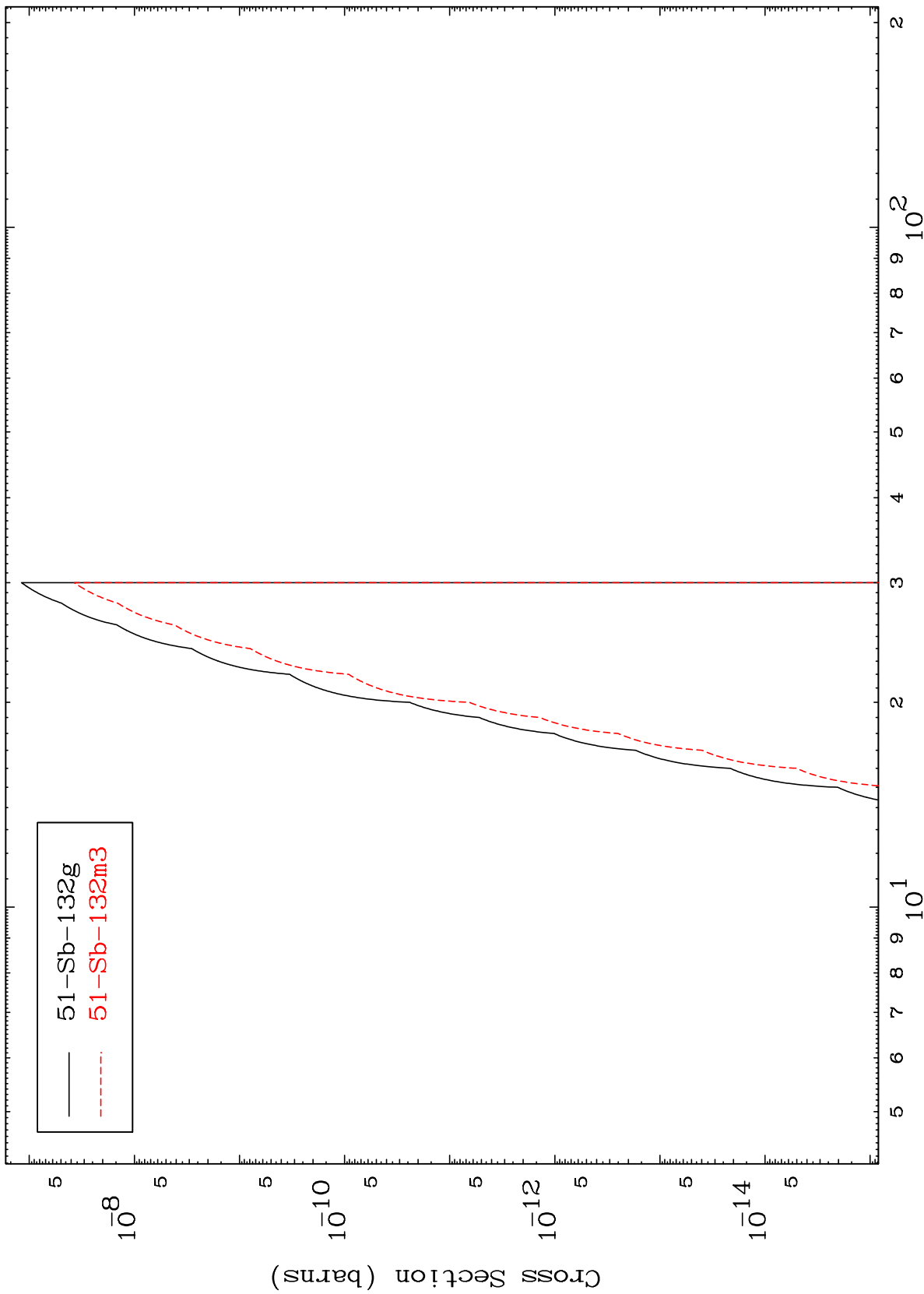


MAT 5353

(n,n') p α

53-I -136m

Radionuclide Production Cross Section



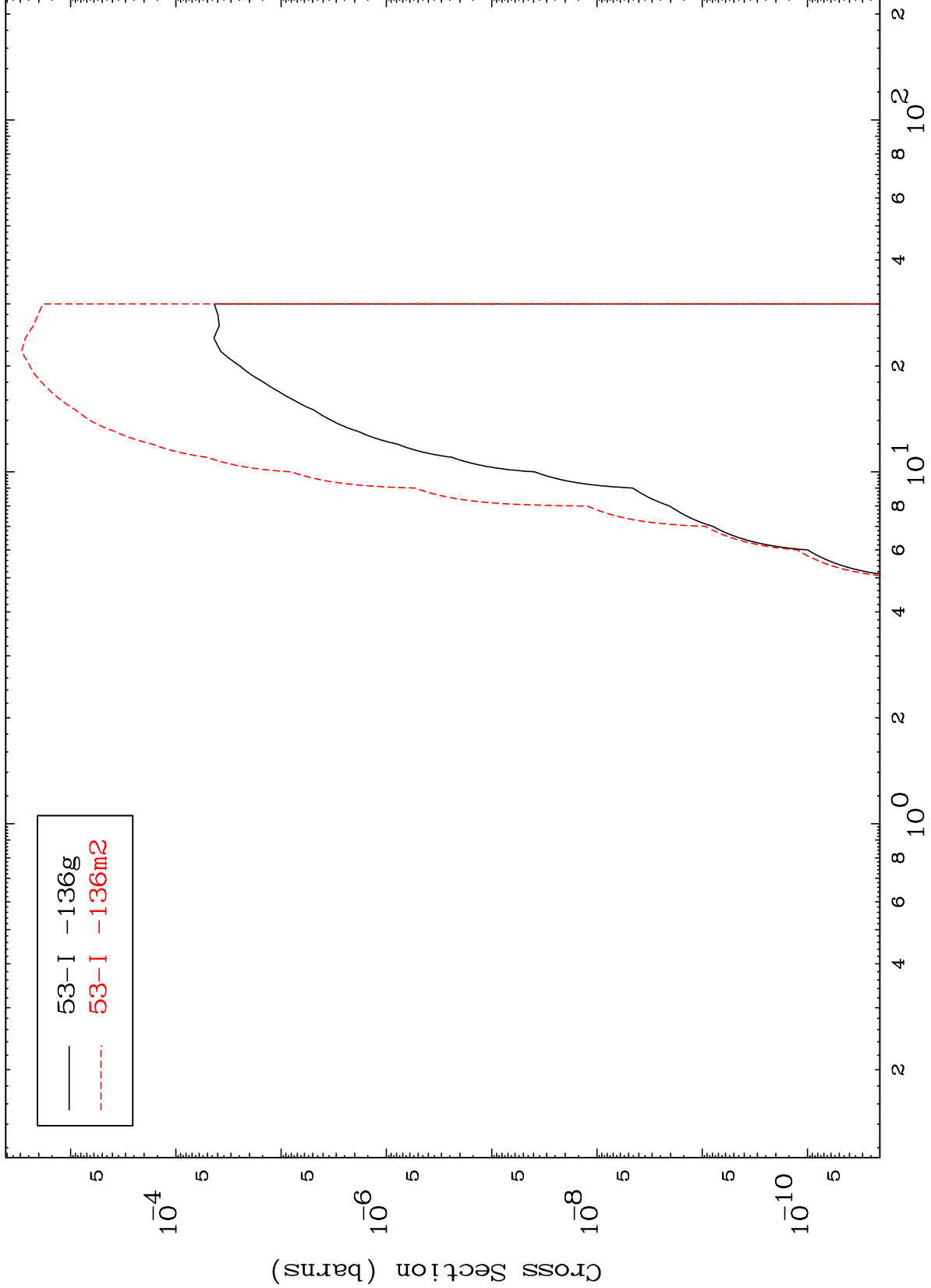
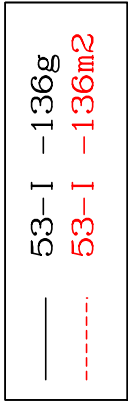
51-Sb-132g
51-Sb-132m3

MAT 5353

(n,d)

53-I -136m

Radionuclide Production Cross Section

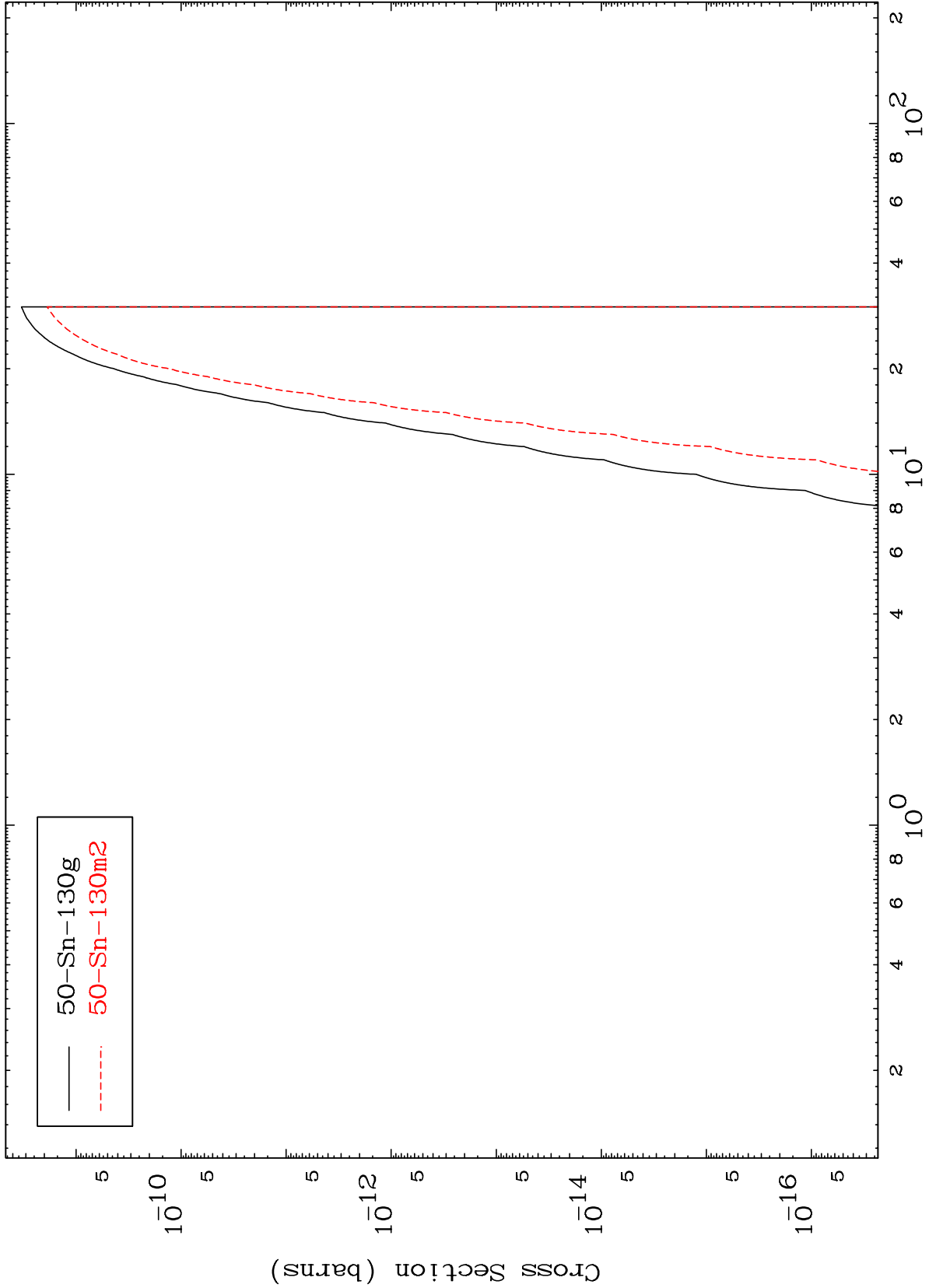


MAT 5353

(n,2α)

53-I -136m

Radionuclide Production Cross Section

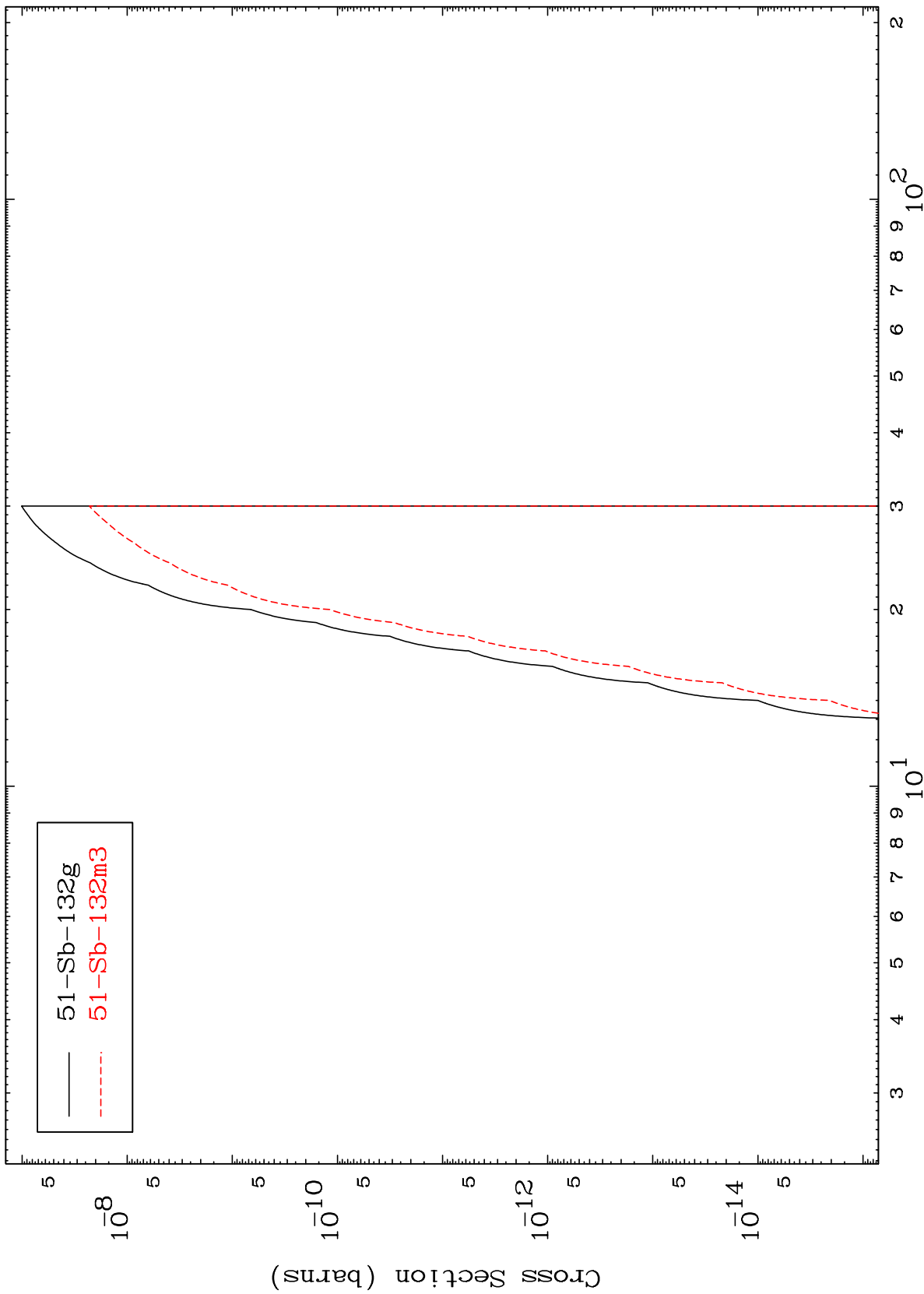


MAT 5353

(n,d) α

53-I -136m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

53-I -136m