

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

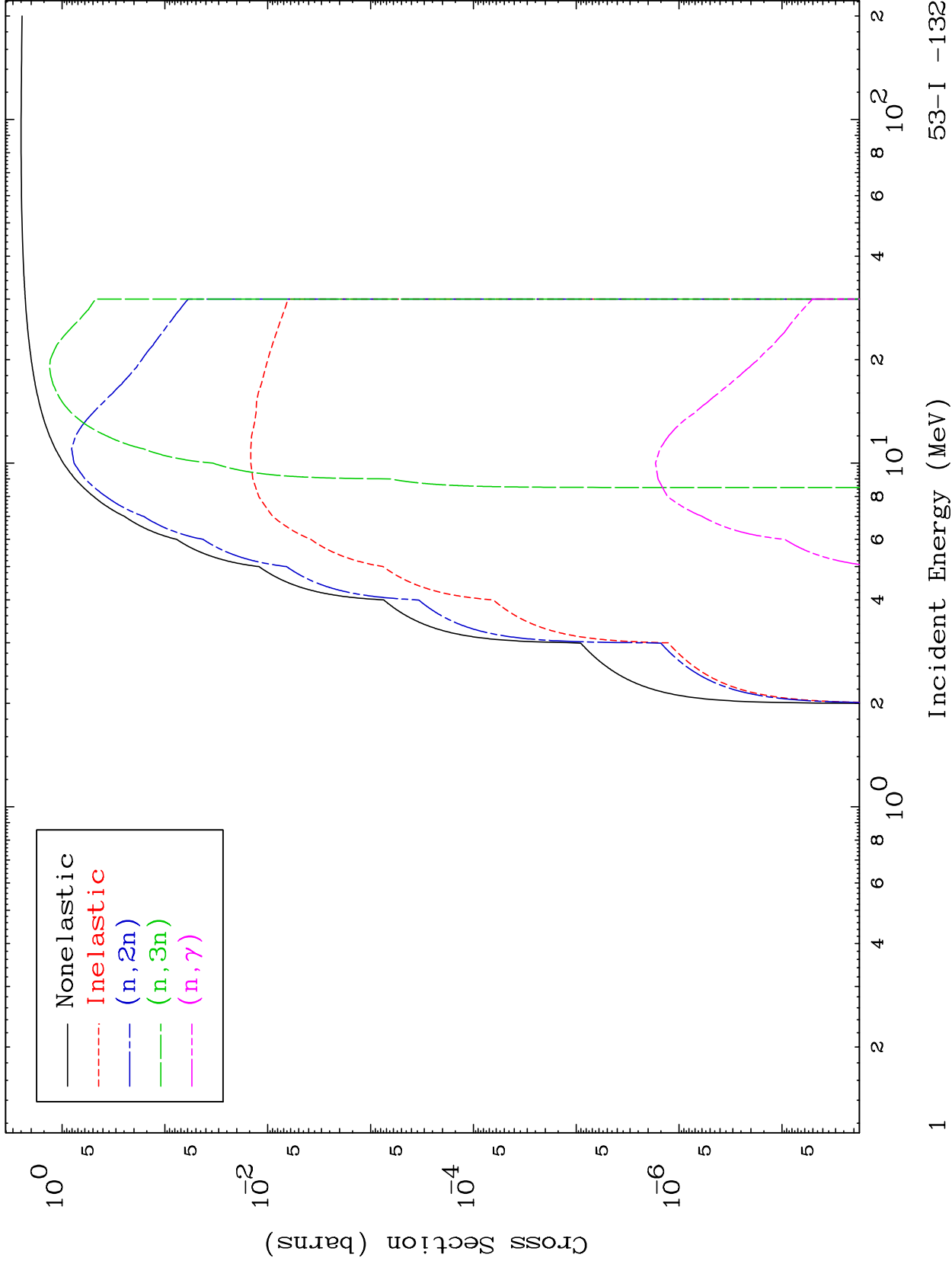
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

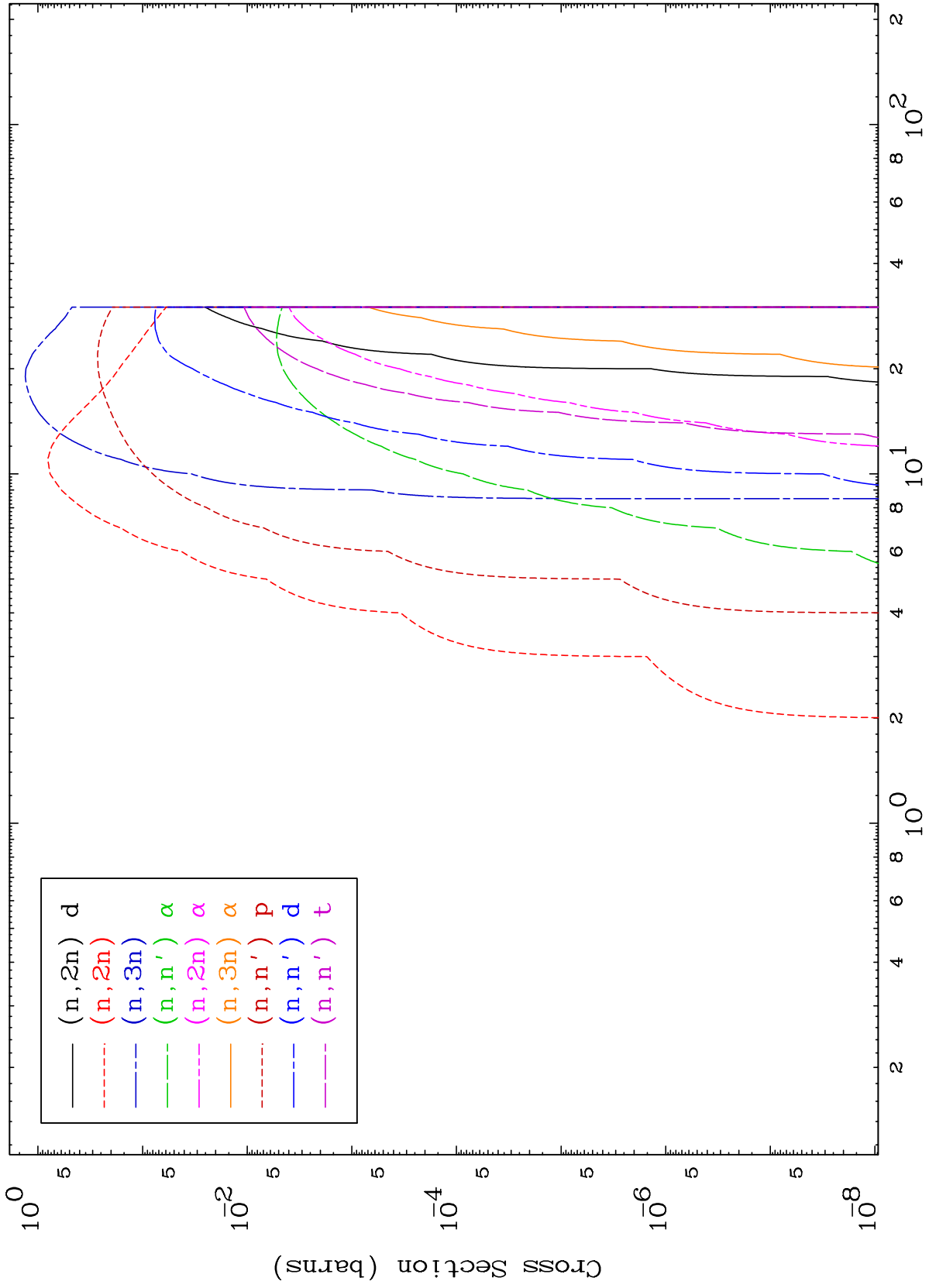
Tele: 925-443-1911

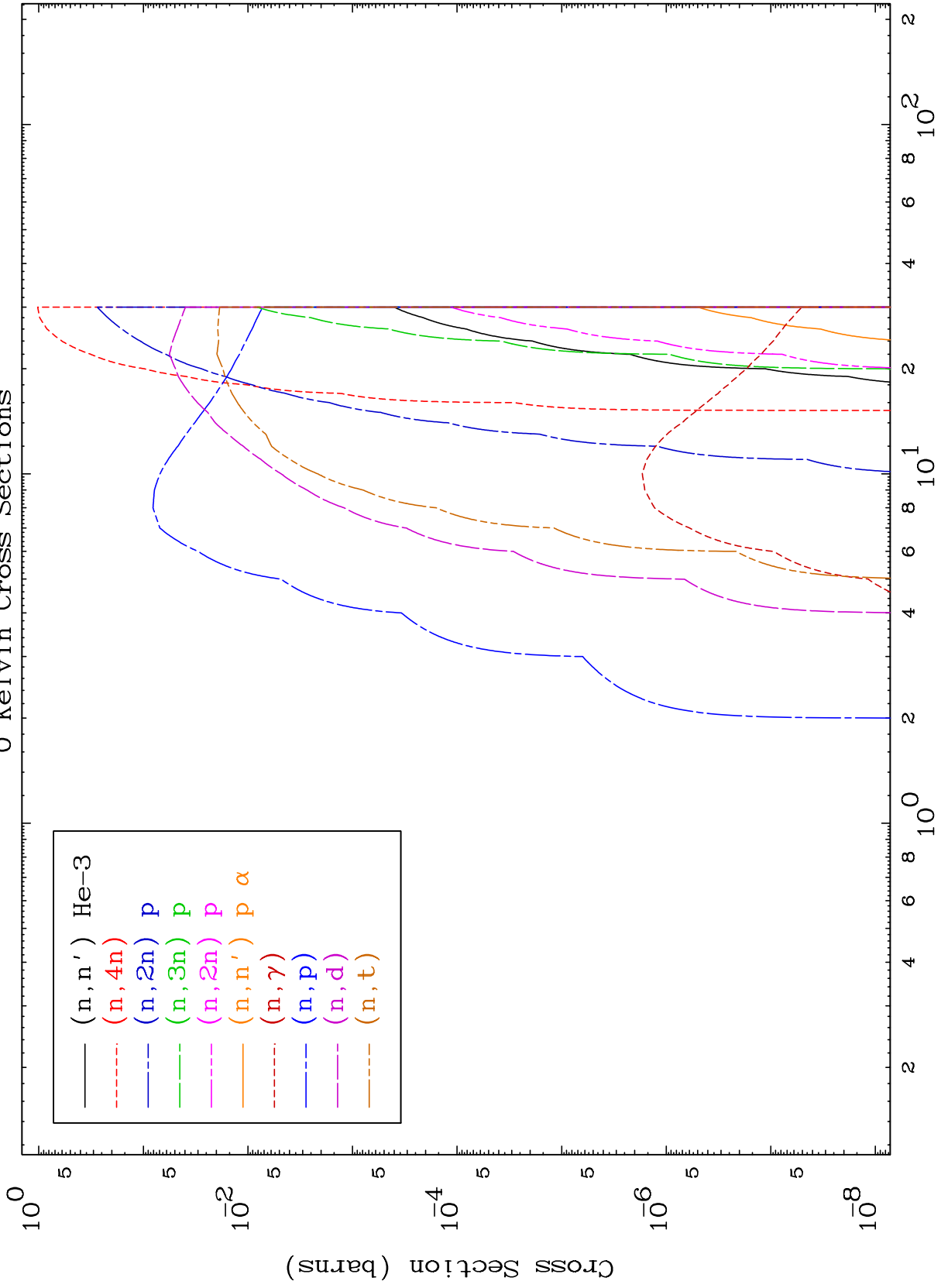
E.Mail:redcullen1@comcast.net

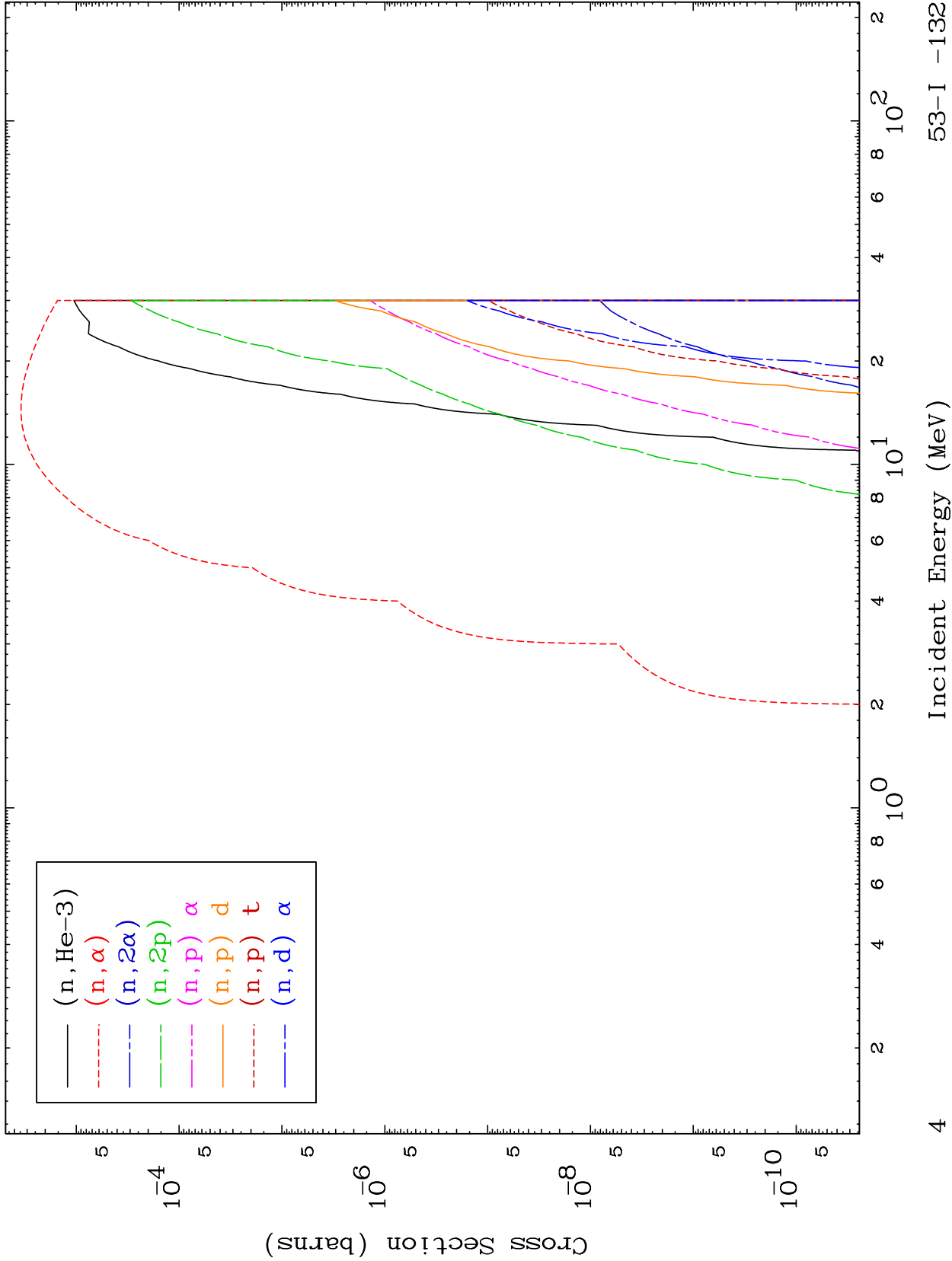
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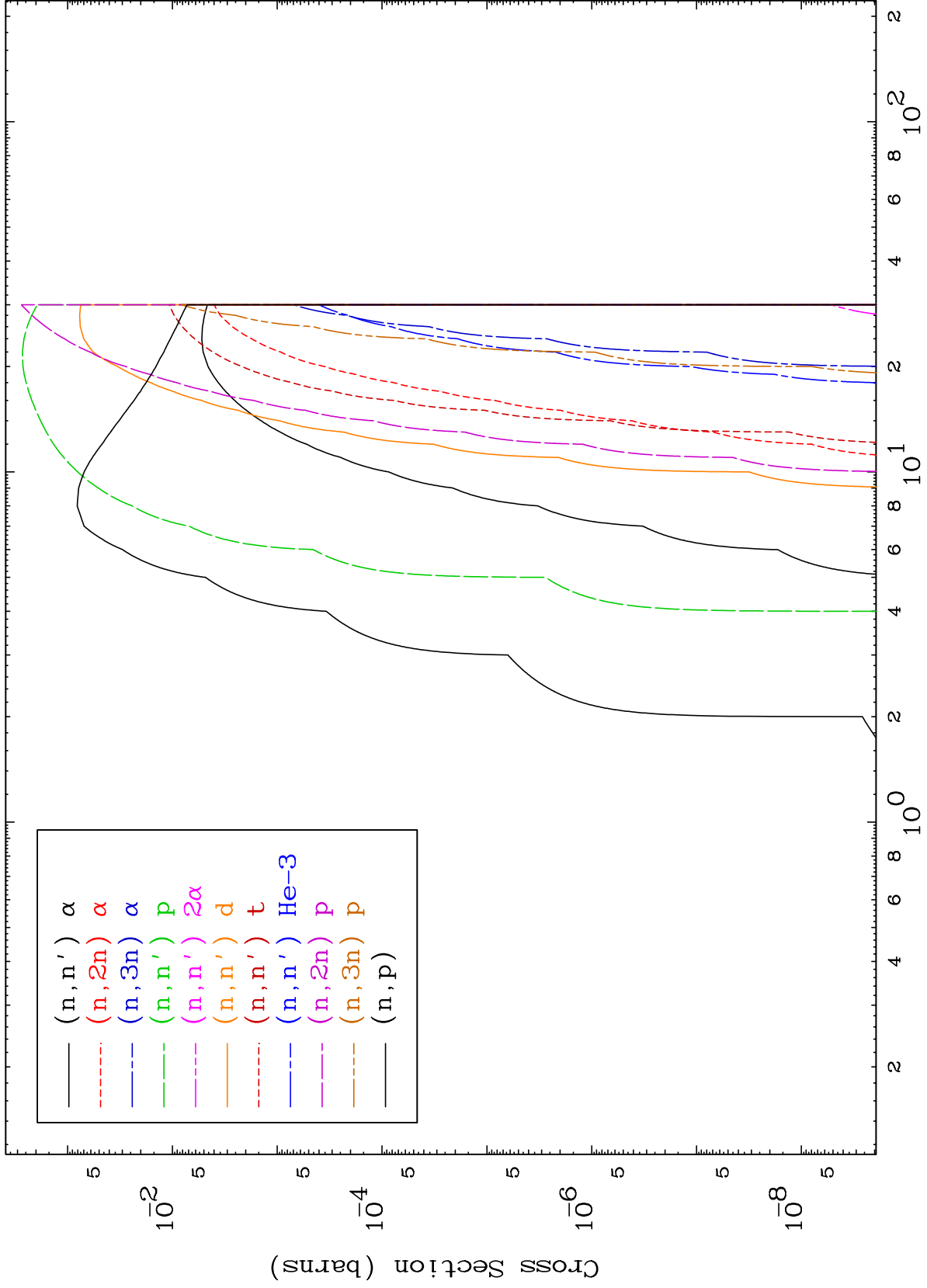
Press Mouse Button to Start

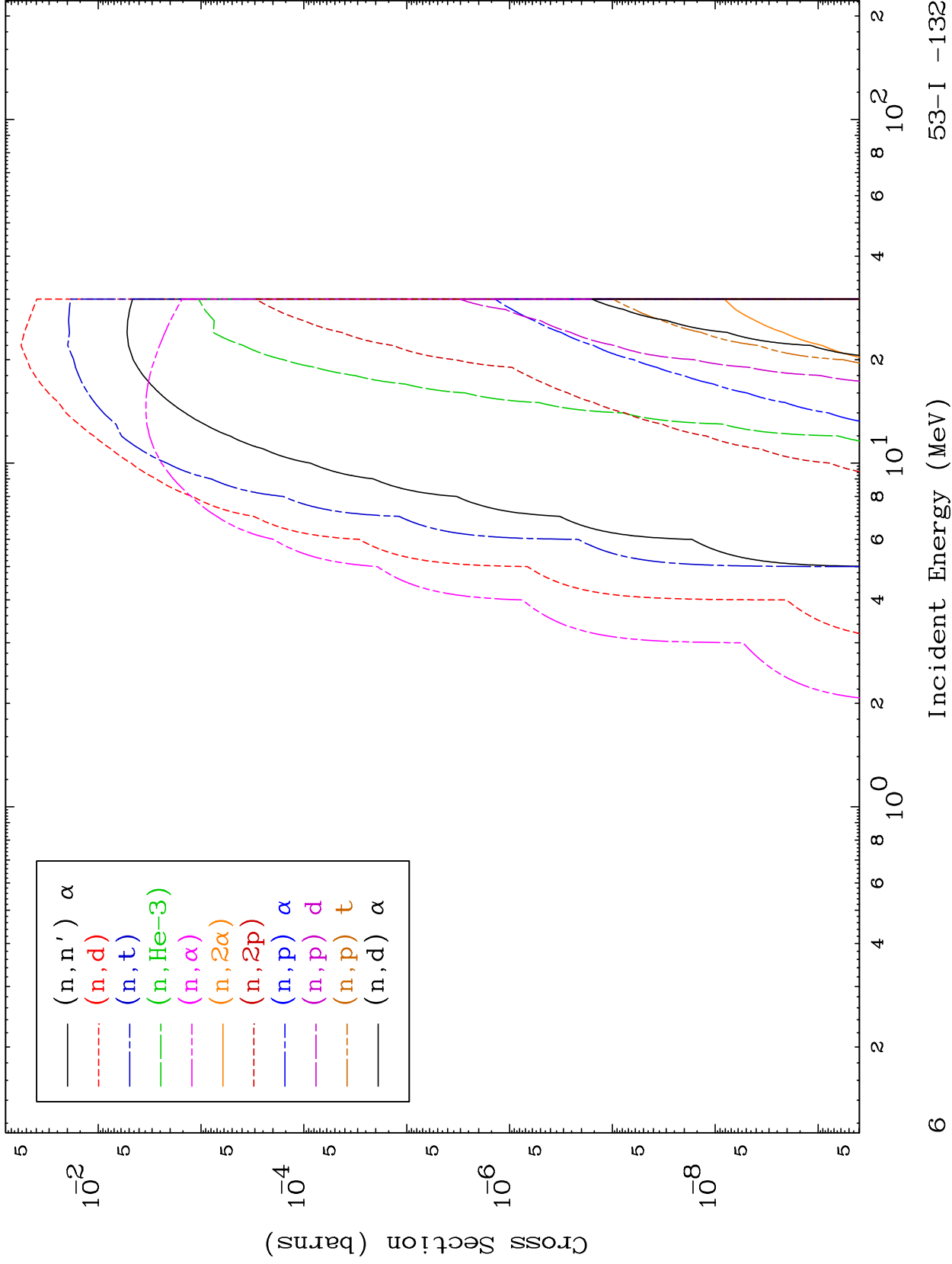










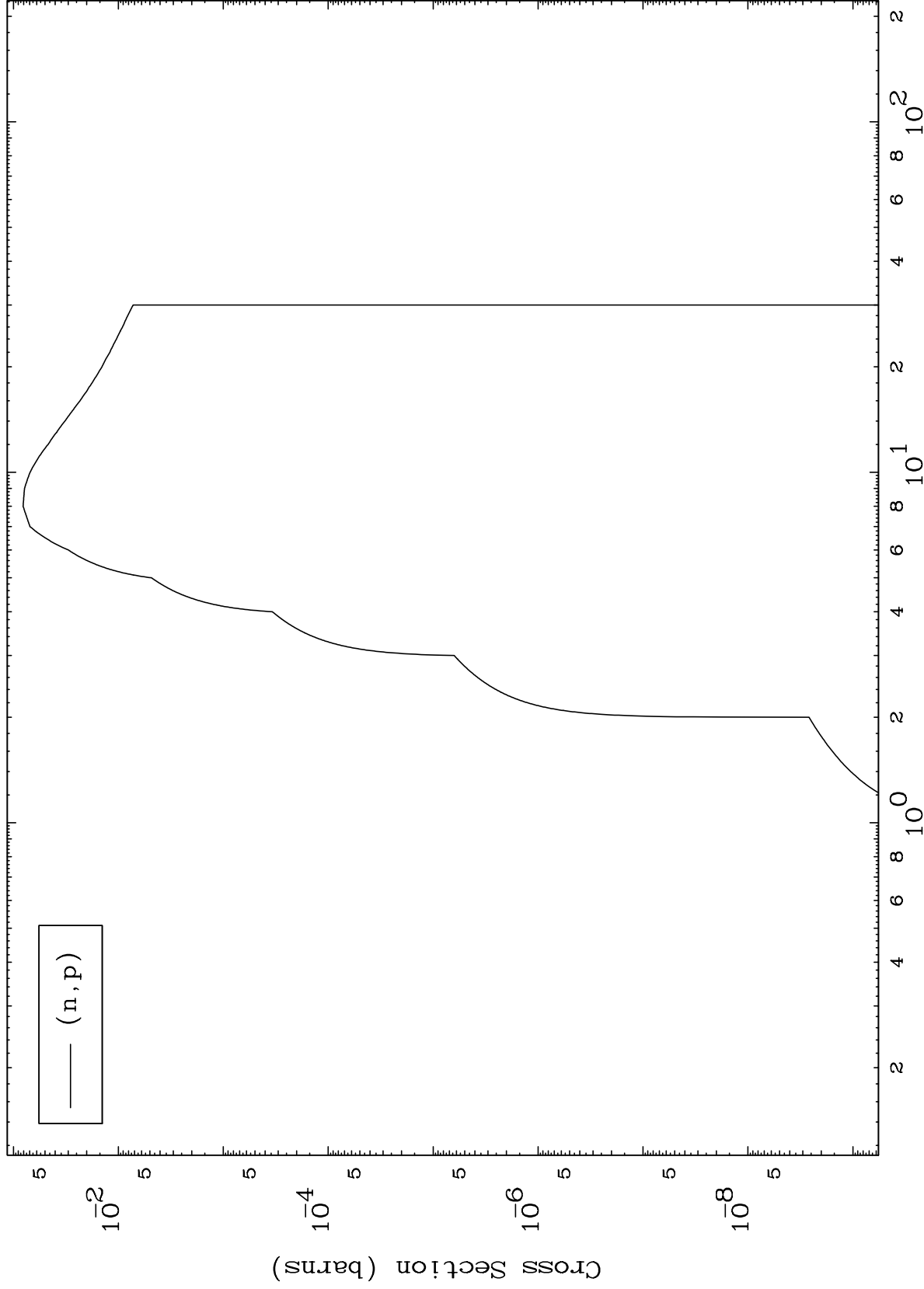


MAT 5340

(d,p) Levels

53-I -132

0 Kelvin Cross Sections

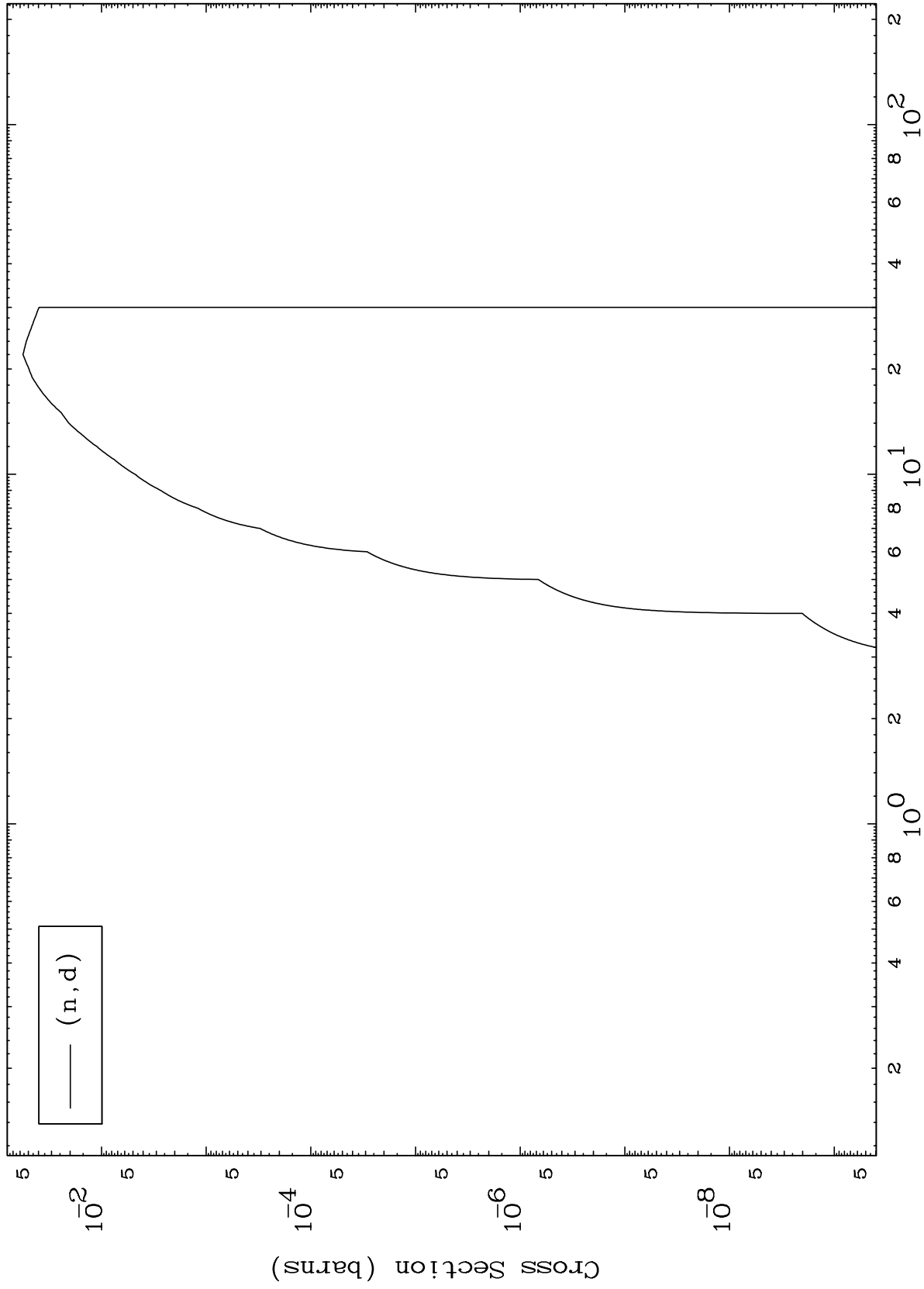


MAT 5340

(d,d) Levels

53-I -132

0 Kelvin Cross Sections



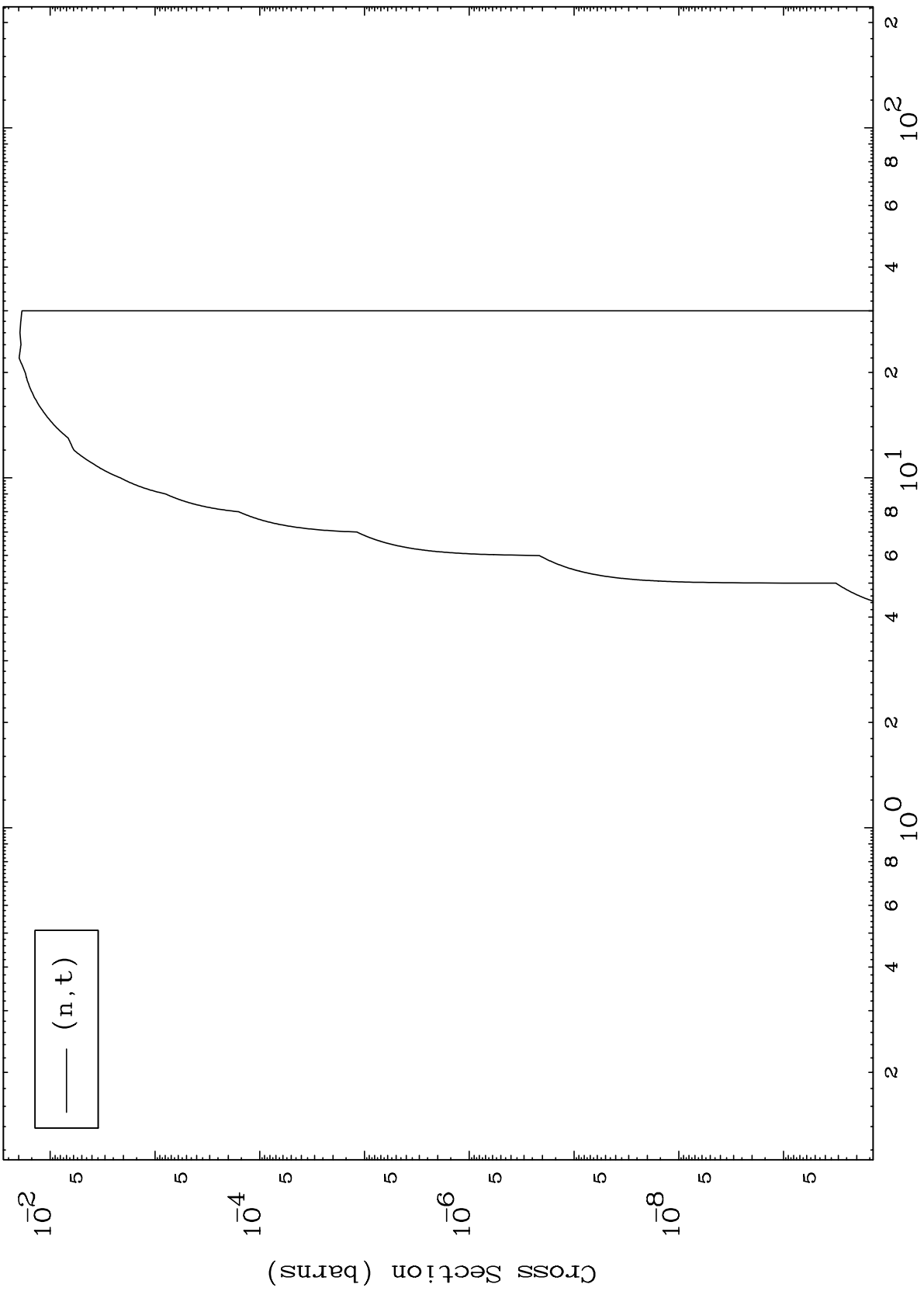
(n,d)

MAT 5340

(d, t) Levels

53-I -132

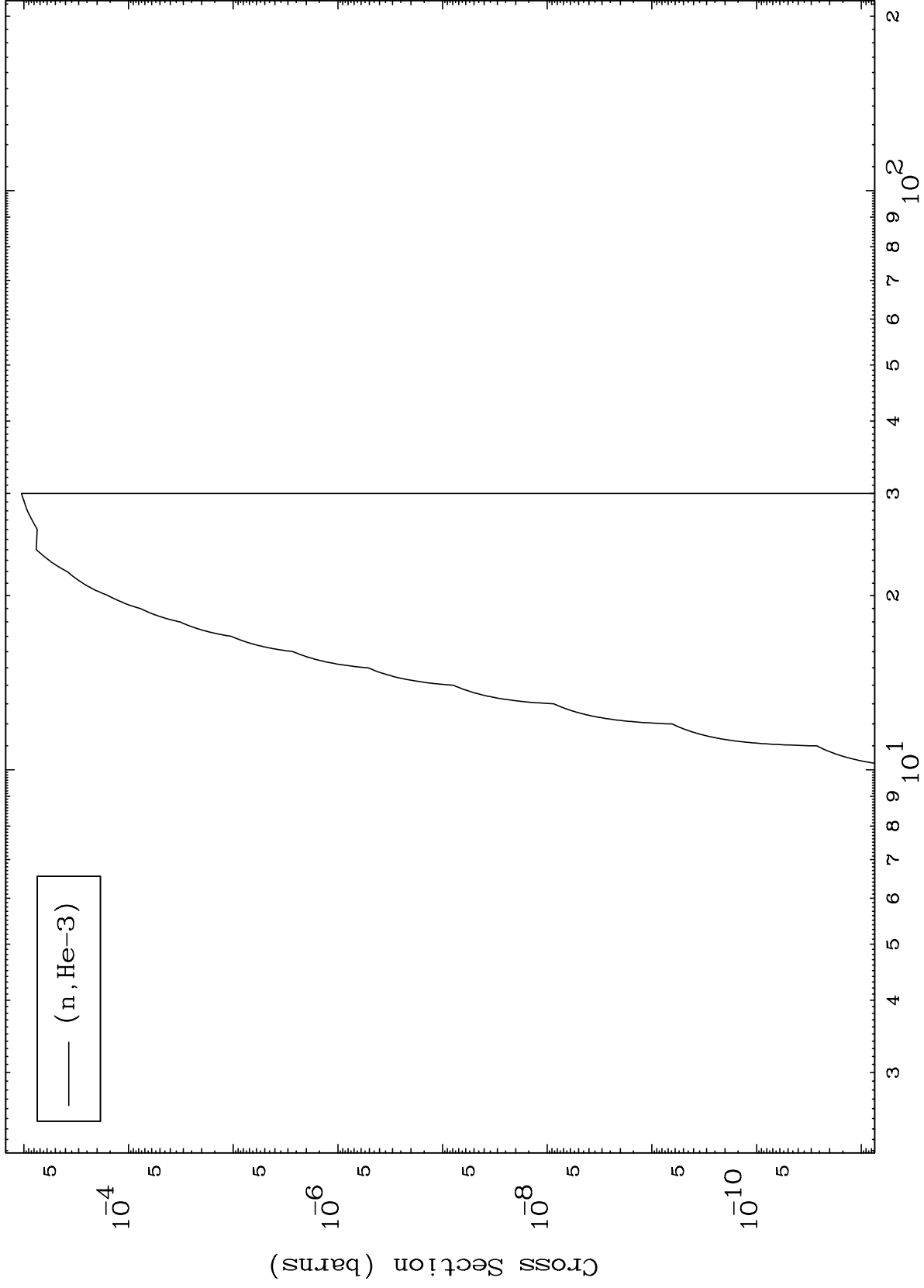
0 Kelvin Cross Sections



MAT 5340

(d,He3) Levels
0 Kelvin Cross Sections

53-I -132

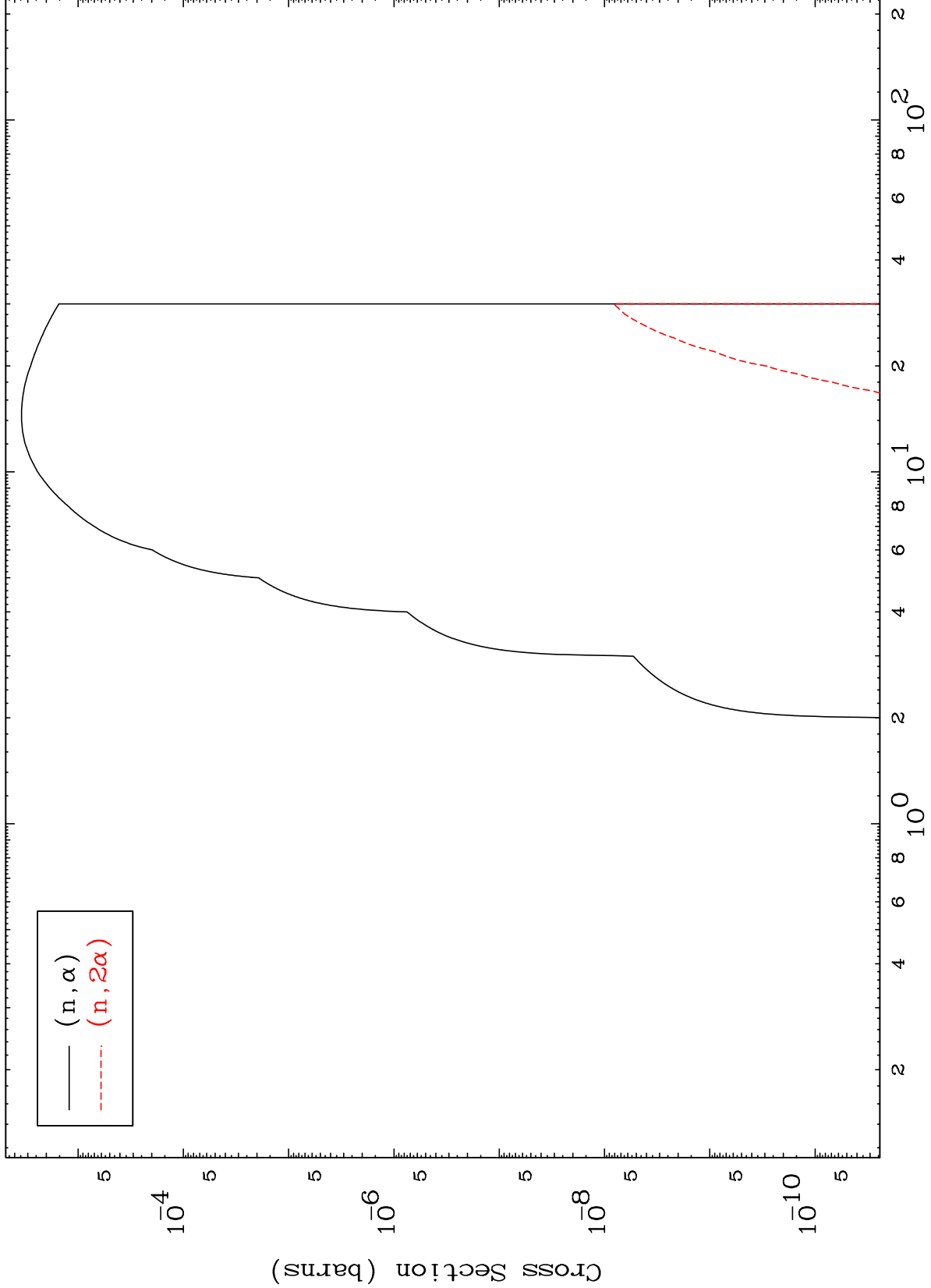


10

Incident Energy (MeV)

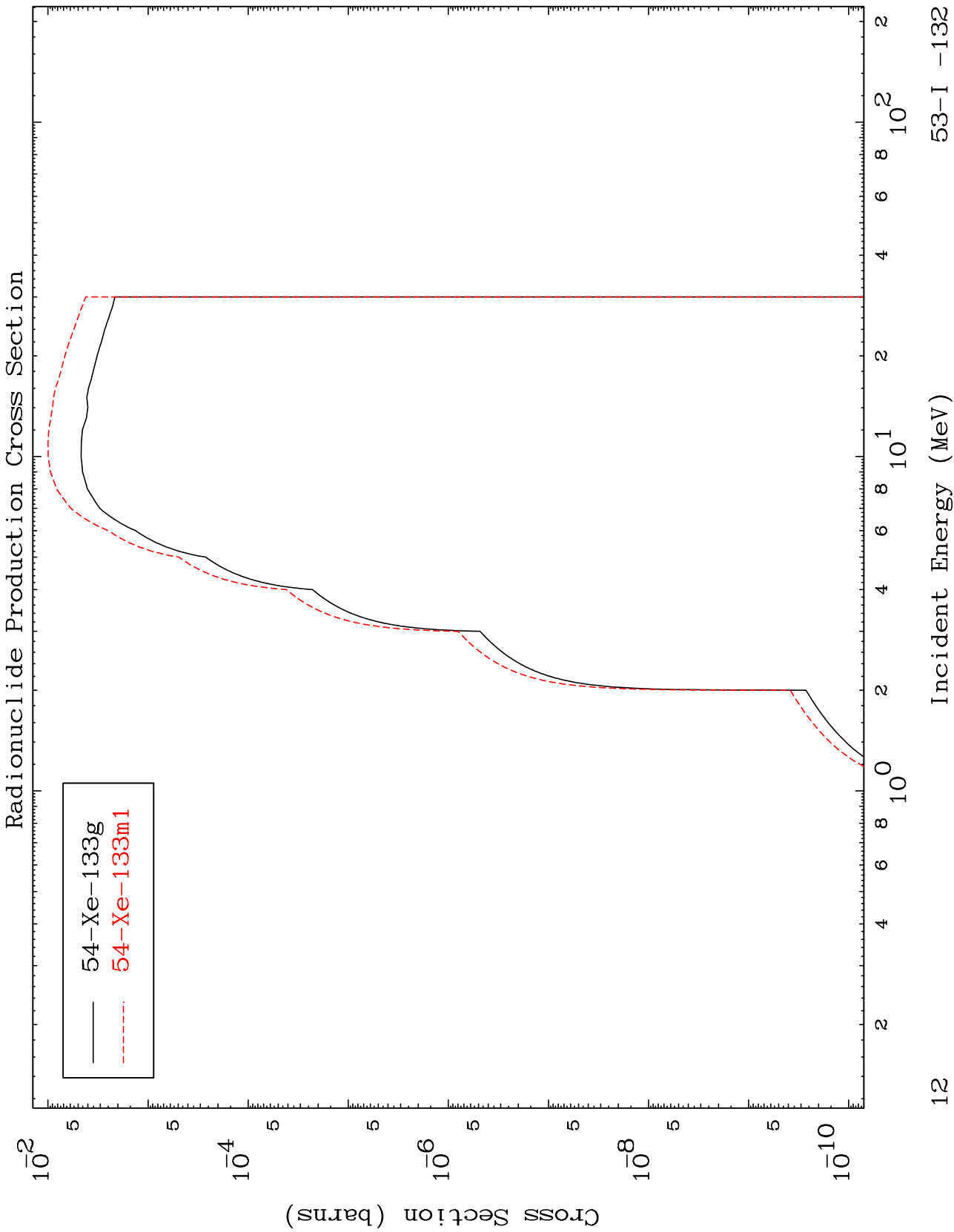
53-I -132

0 Kelvin Cross Sections



MAT 5340

53-I -132

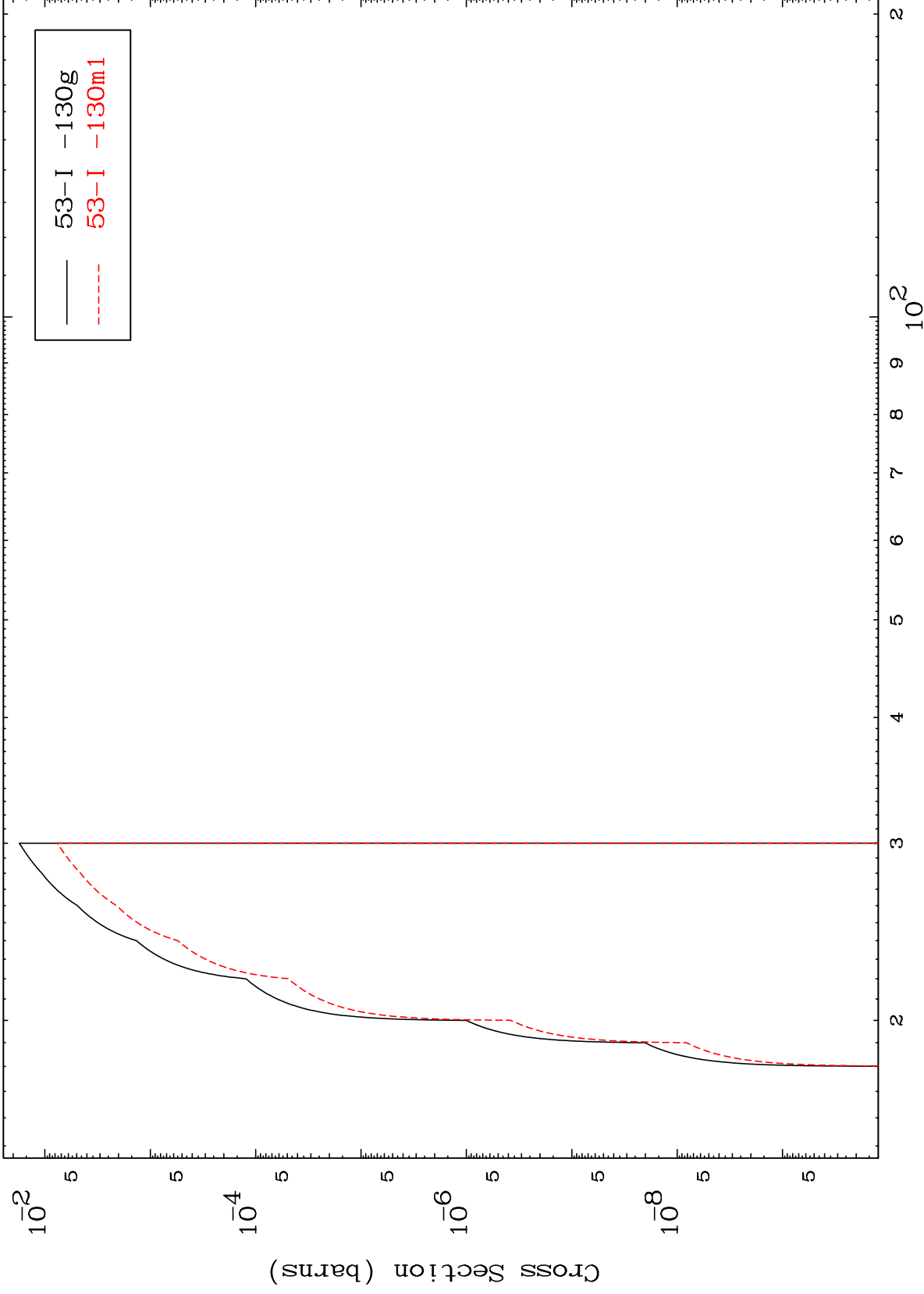


MAT 5340

(n,2n) d

53-I -132

Radionuclide Production Cross Section



13

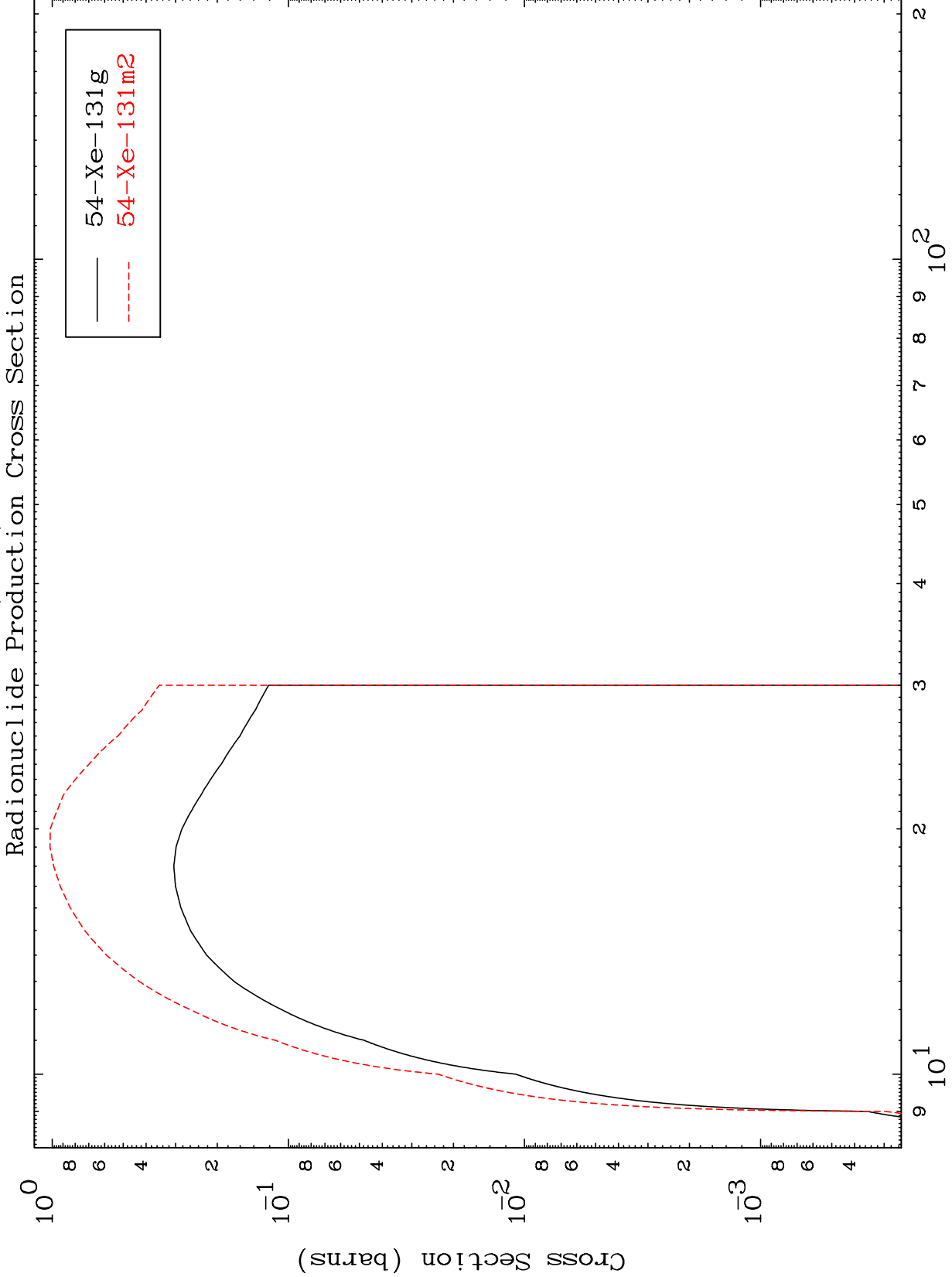
Incident Energy (MeV)

53-I -132

MAT 5340

(n,3n)

53-I -132



14

Incident Energy (MeV)

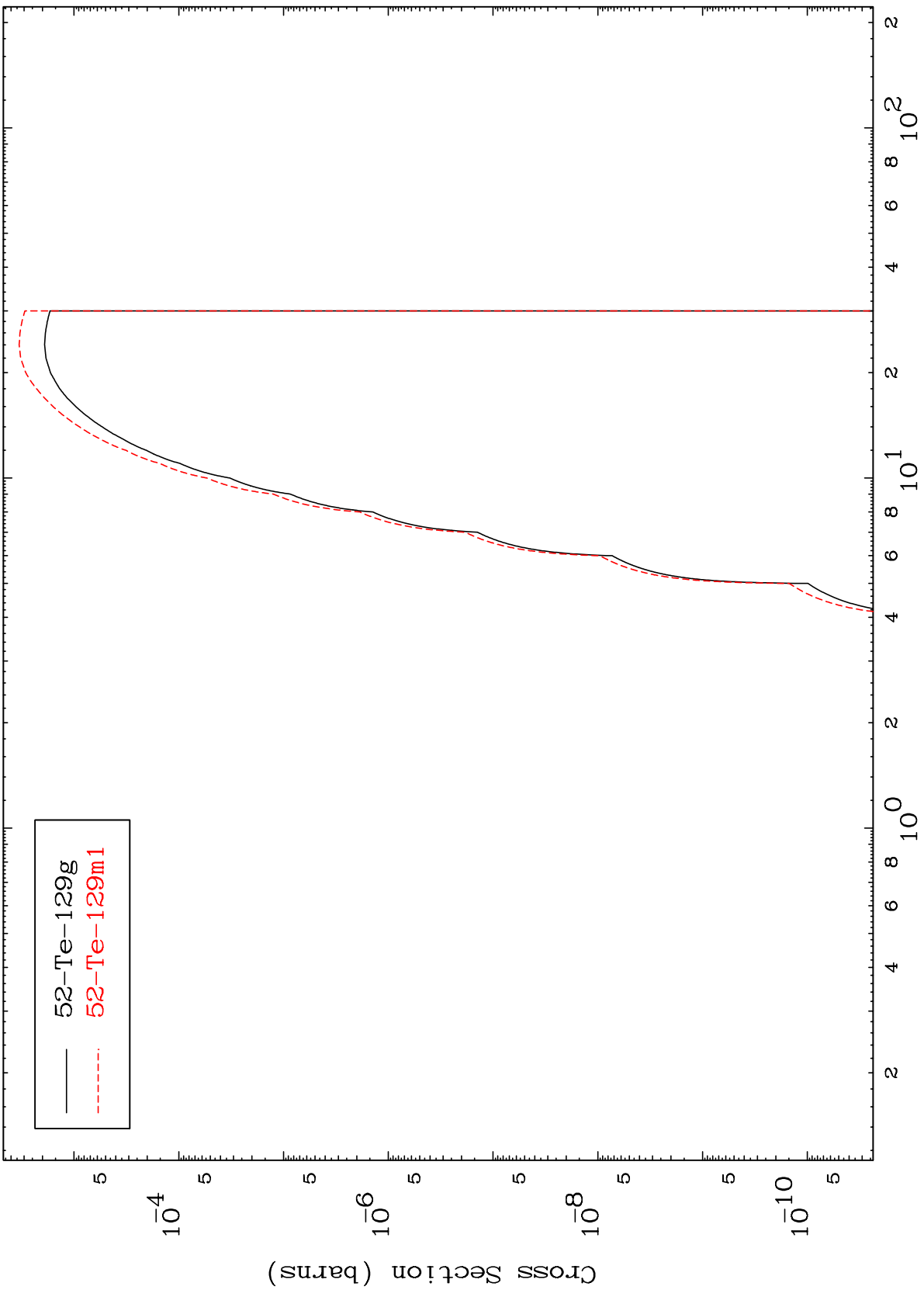
53-I -132

MAT 5340

$(n, n') \alpha$

53-I -132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

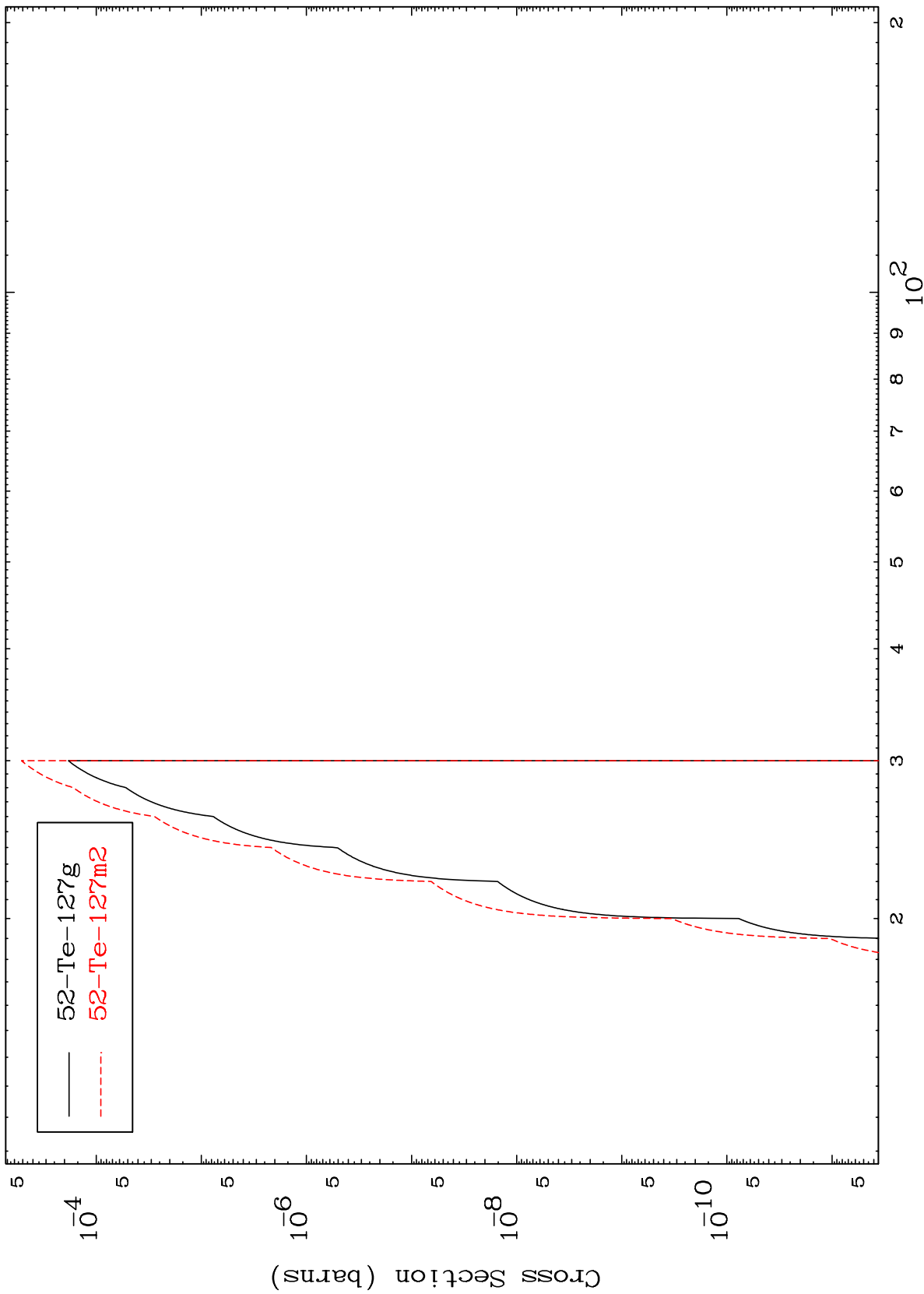
53-I -132

MAT 5340

(n,3n) α

53-I -132

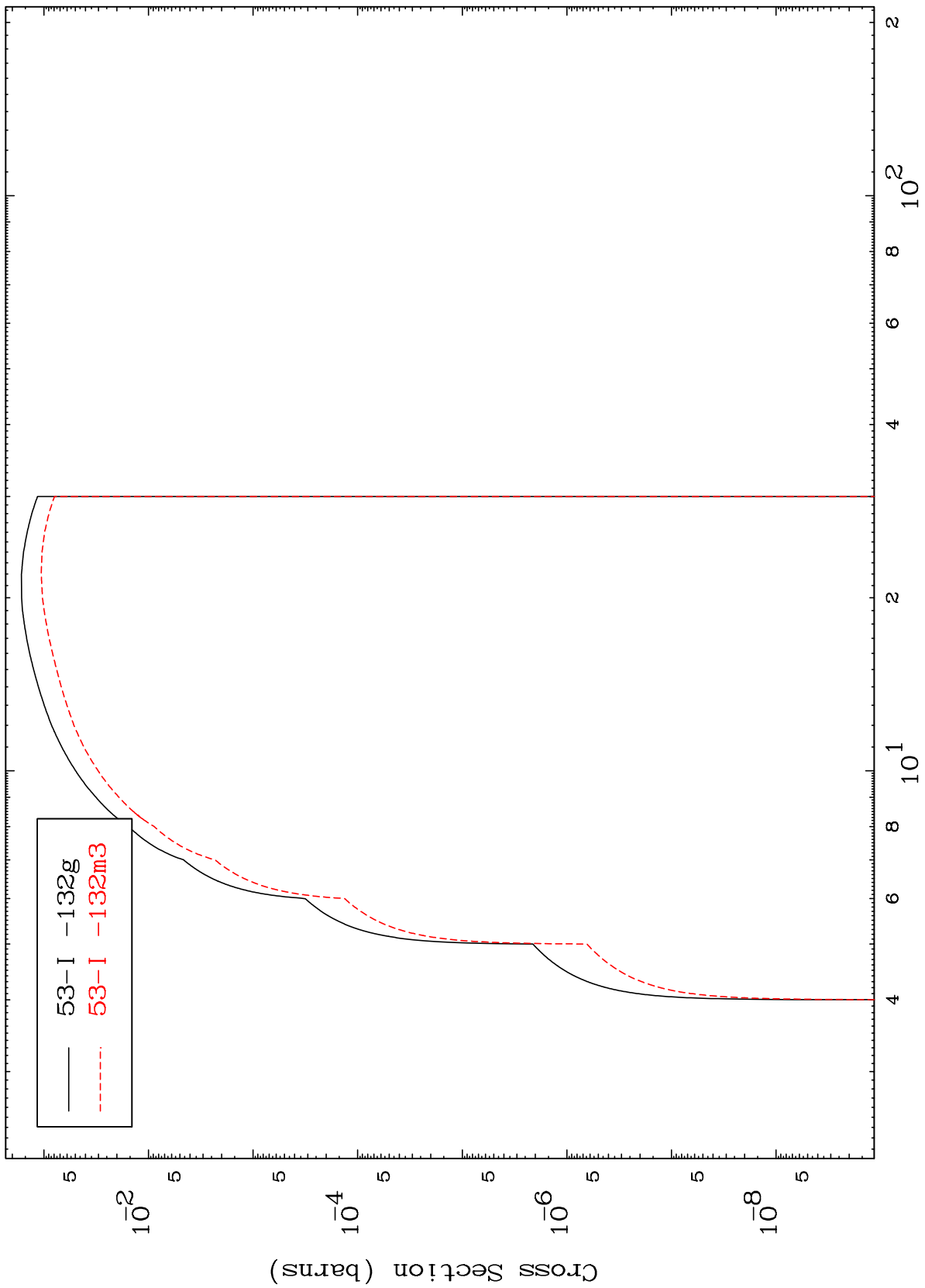
Radionuclide Production Cross Section



MAT 5340

53-I -132

(n,n') p
Radionuclide Production Cross Section



53-I -132

Incident Energy (MeV)

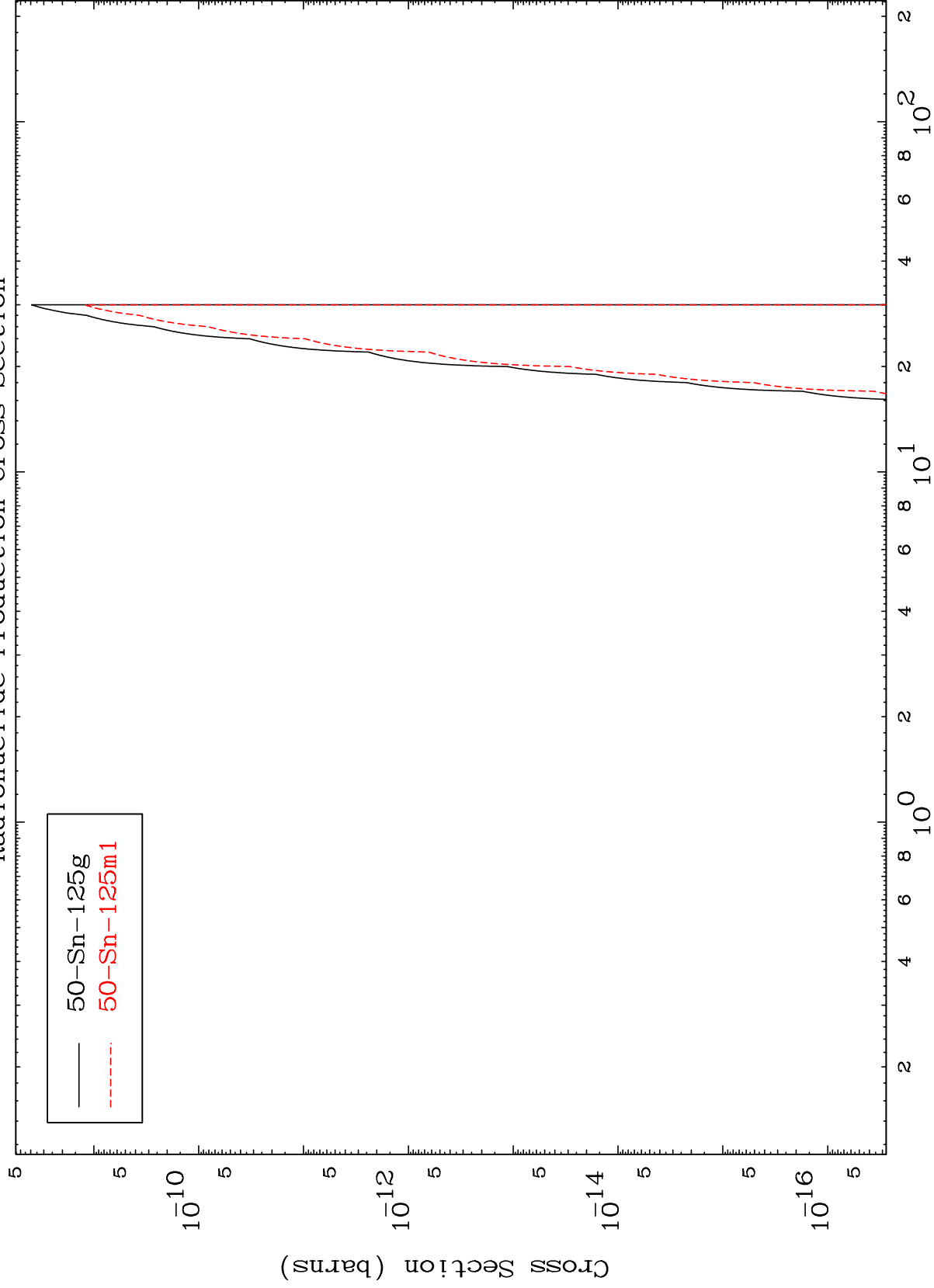
17

MAT 5340

(n,n') 2 α

53-I -132

Radionuclide Production Cross Section



18

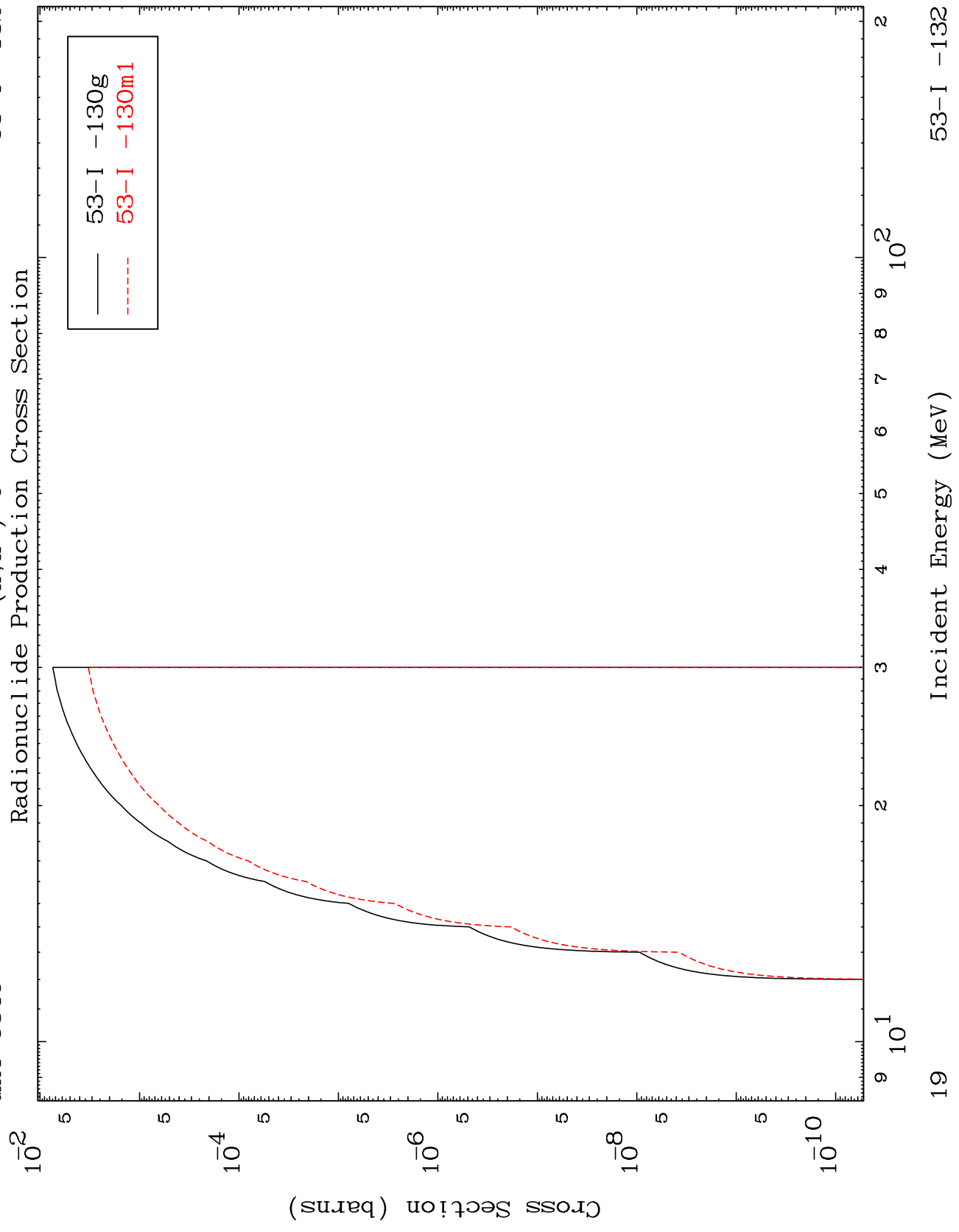
Incident Energy (MeV)

53-I -132

MAT 5340

(n,n') t

53-I -132



19

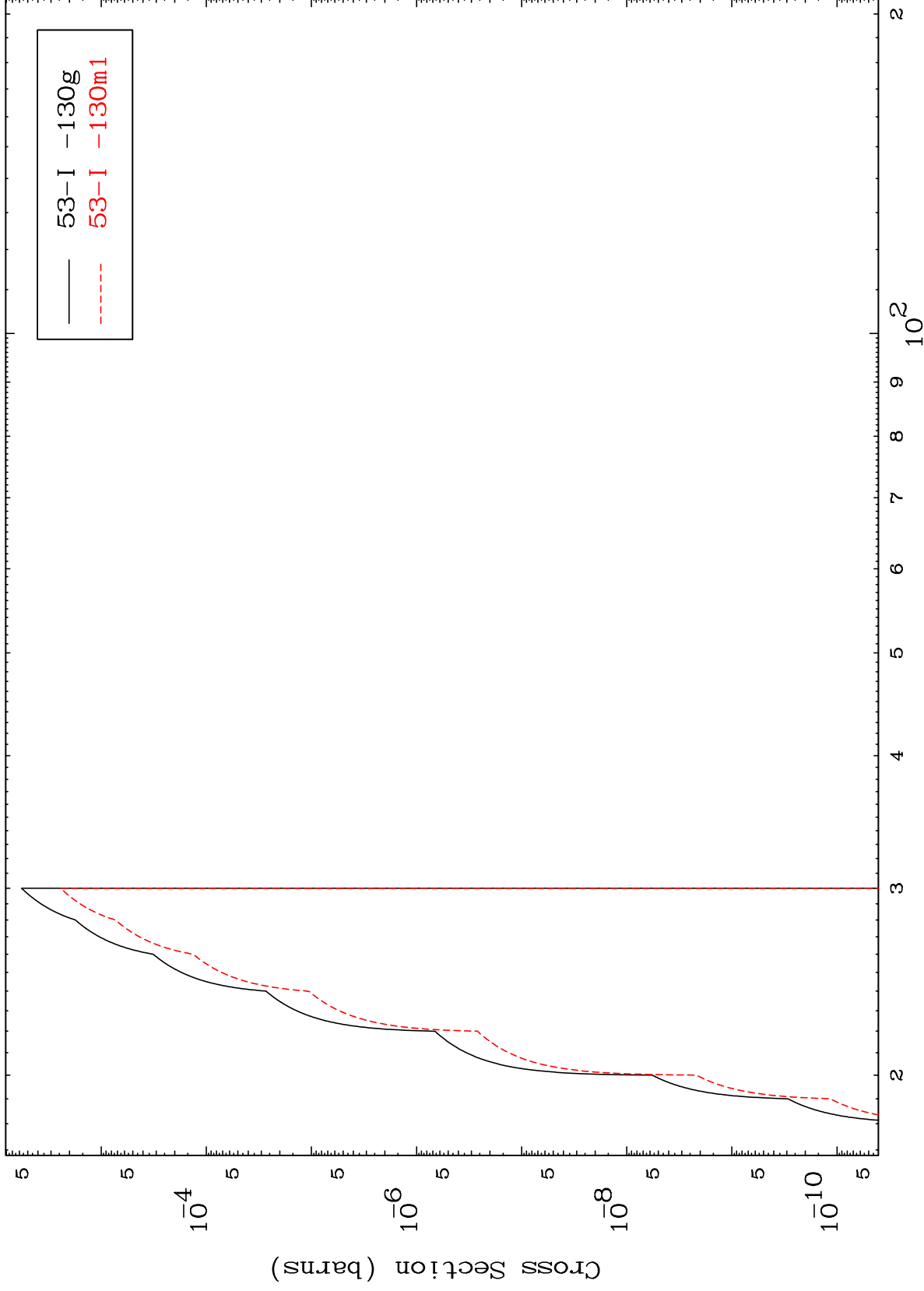
53-I -132

MAT 5340

(n,3n) p

53-I -132

Radionuclide Production Cross Section



20

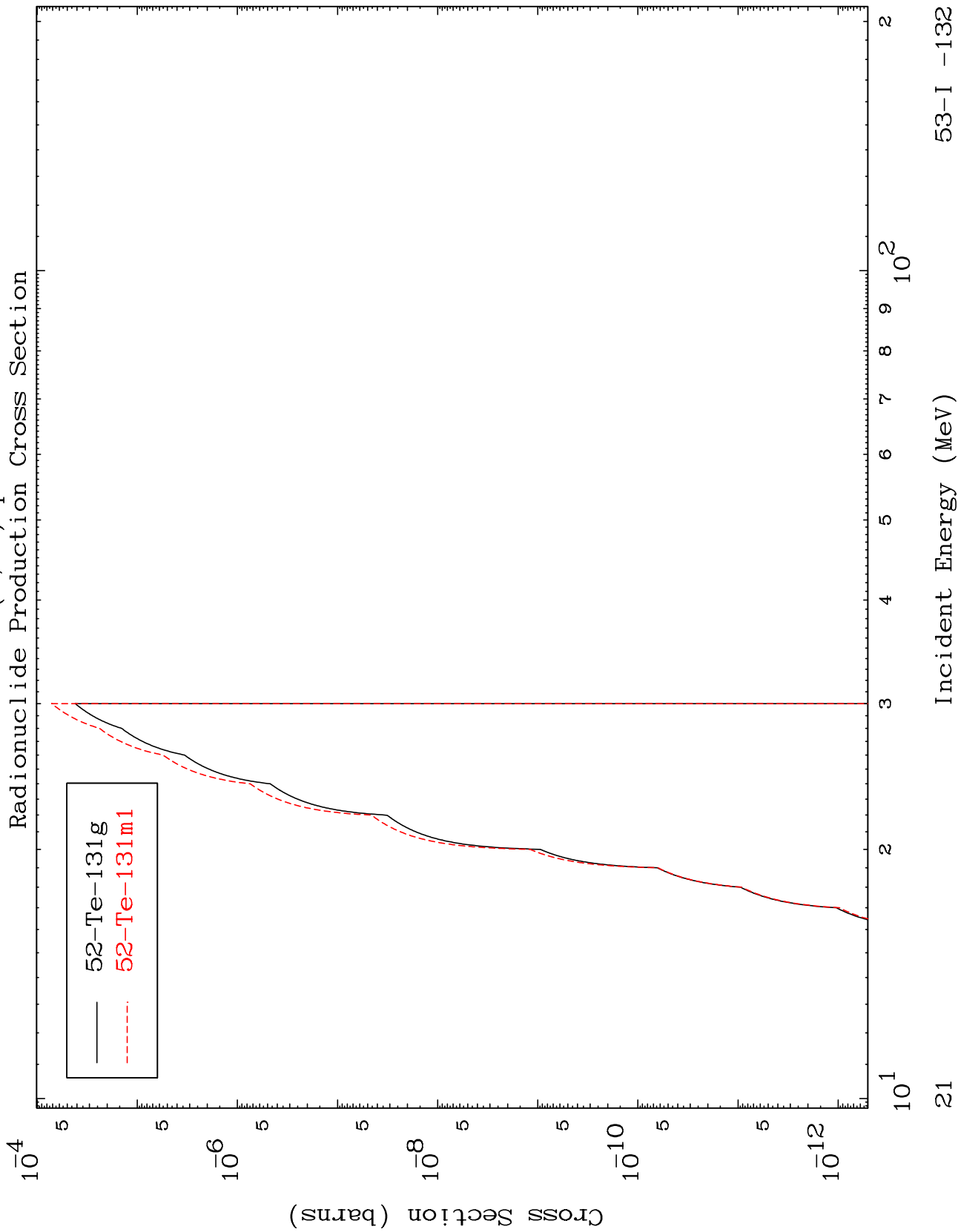
Incident Energy (MeV)

53-I -132

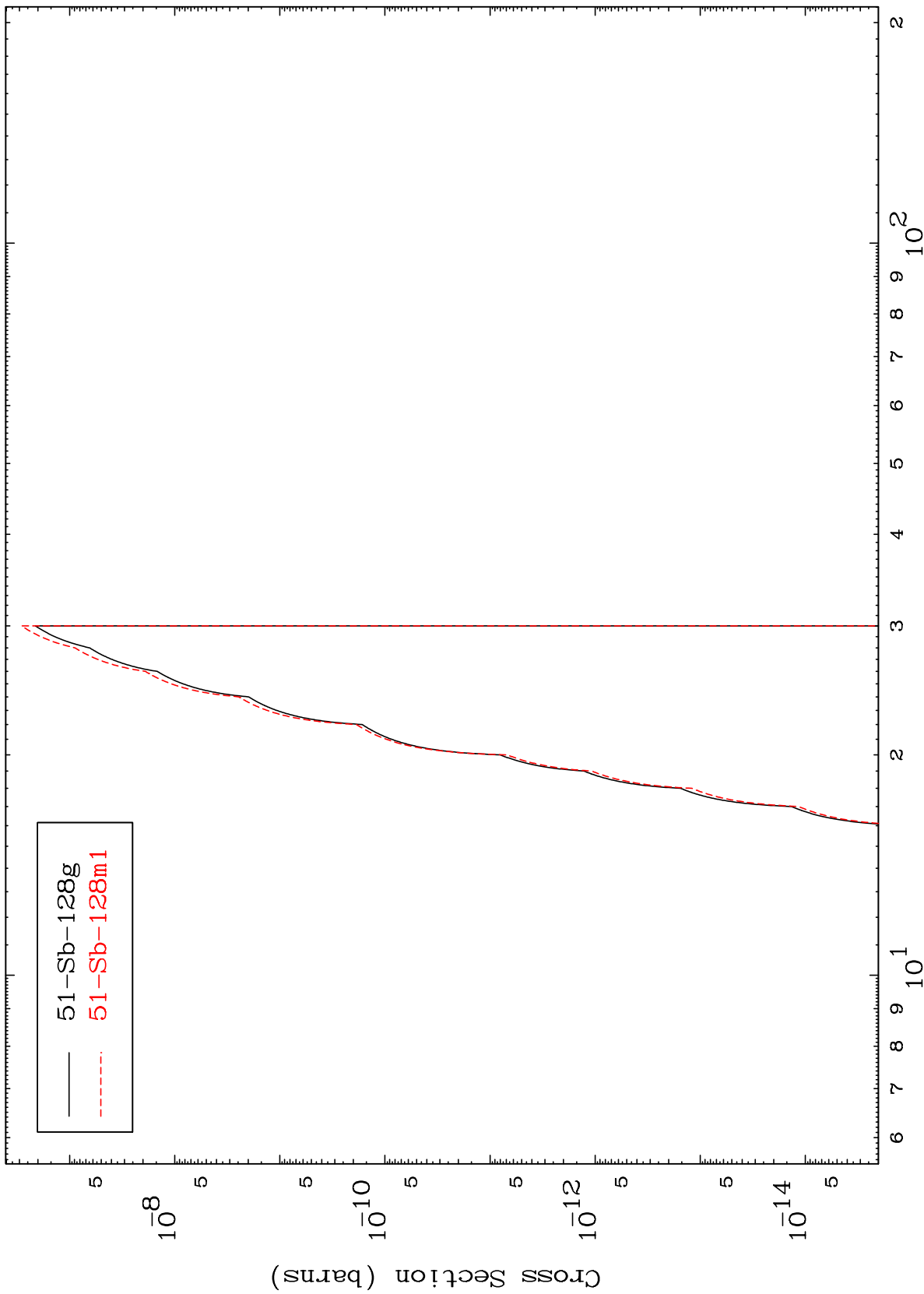
MAT 5340

(n,2n) p

53-I -132



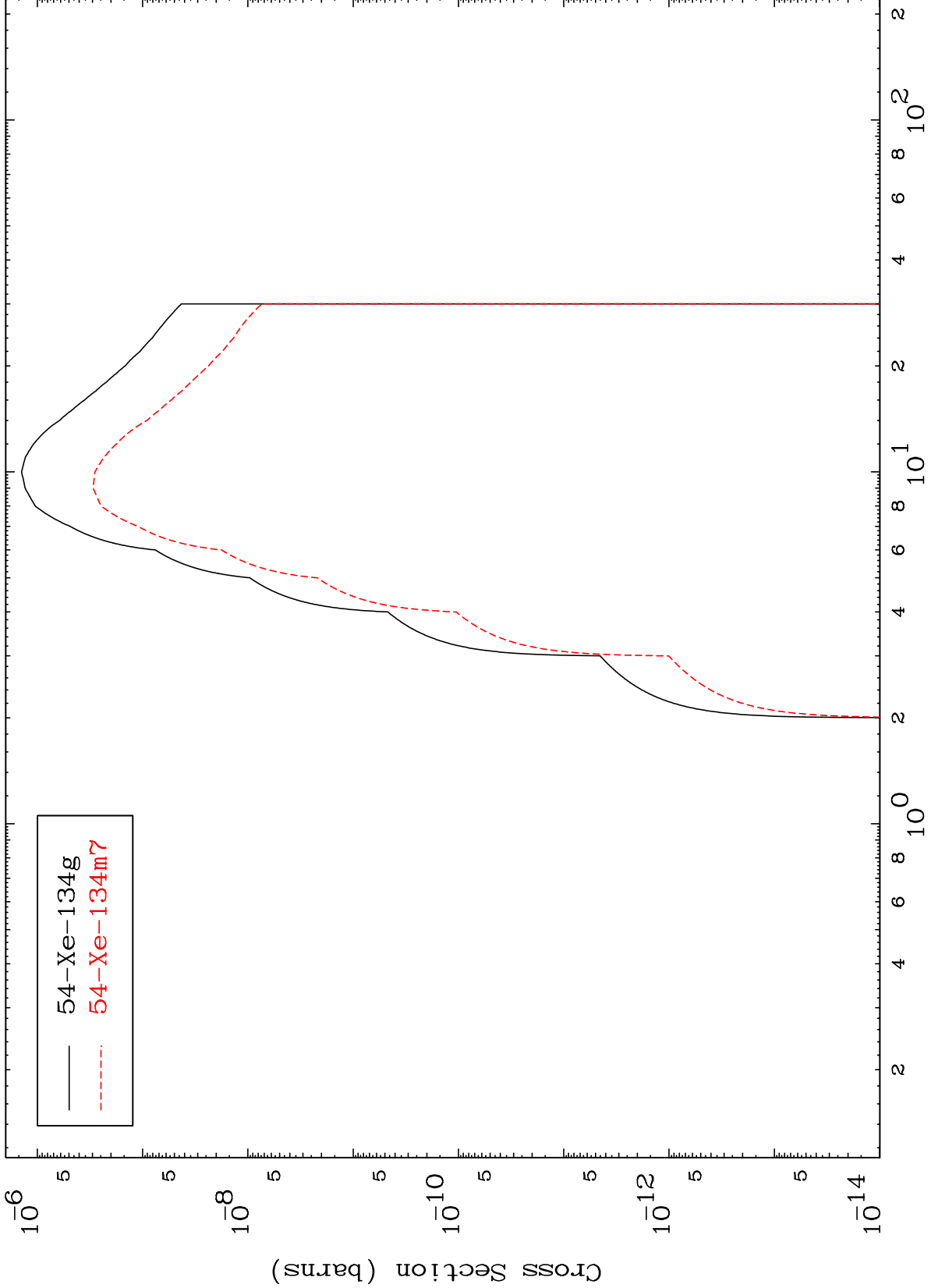
Radionuclide Production Cross Section



MAT 5340

53-I -132

(n,γ)
Radionuclide Production Cross Section

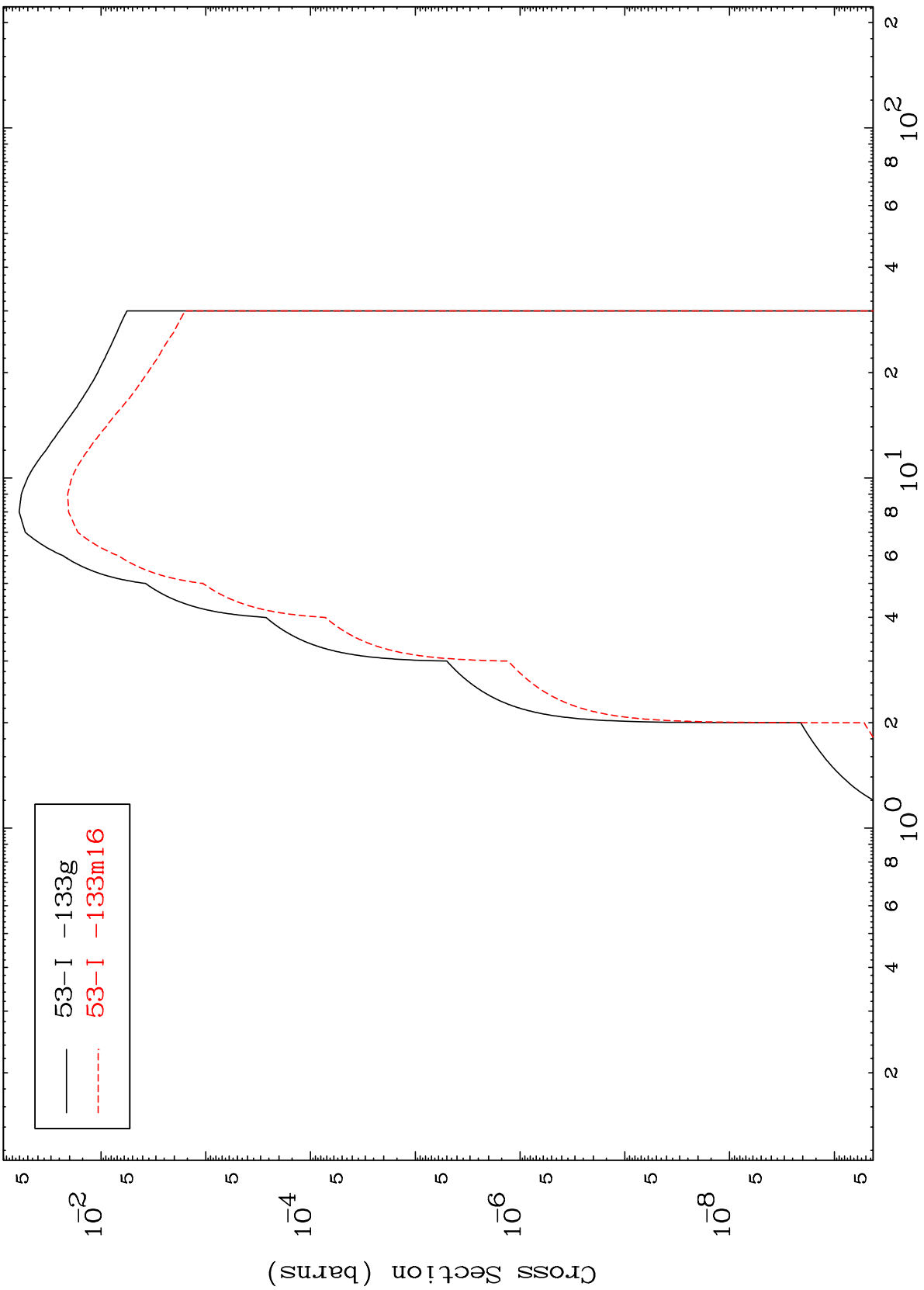


— 54-Xe-134g
- - - 54-Xe-134m7

MAT 5340

53-I -132

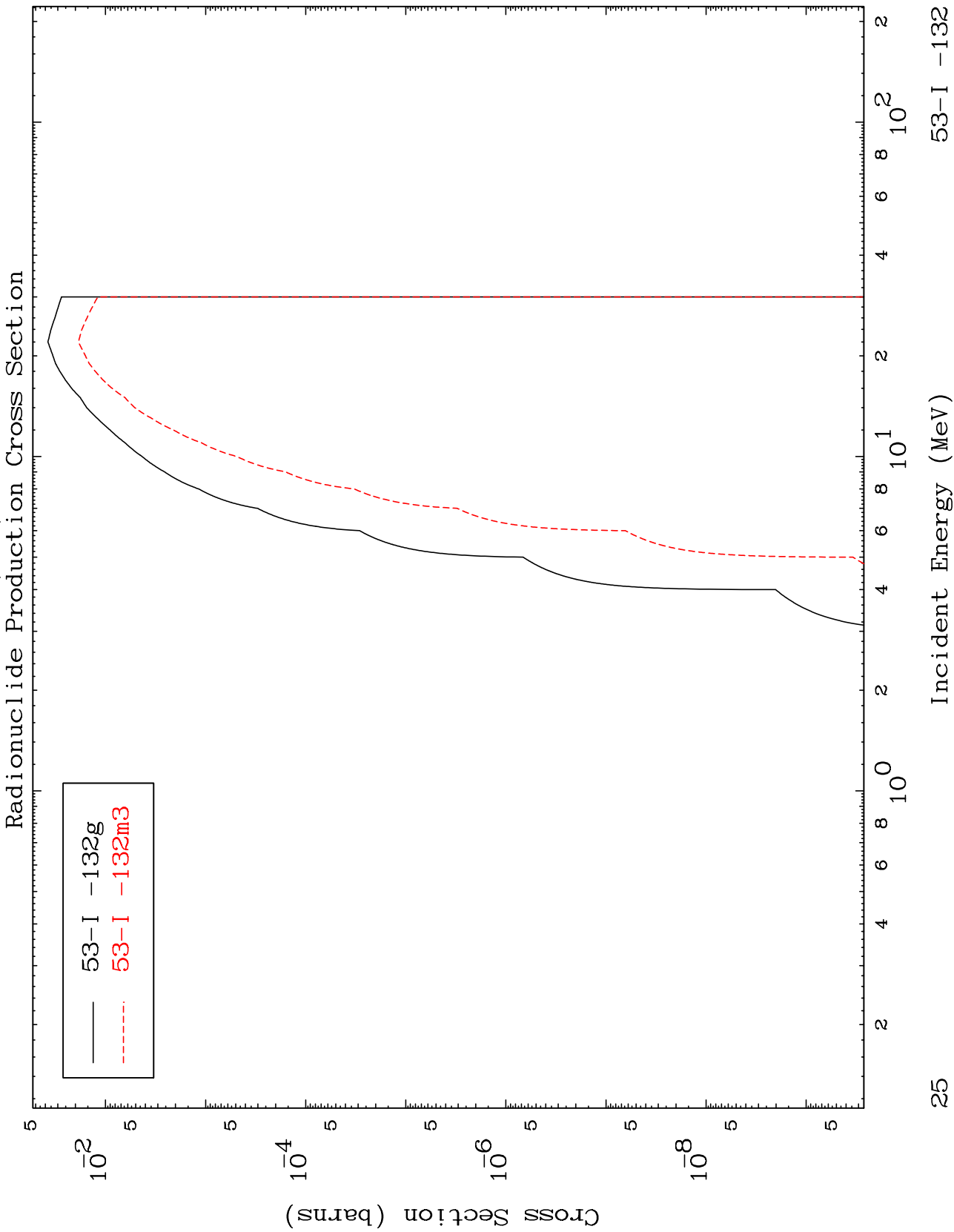
(n,p)
Radionuclide Production Cross Section



MAT 5340

(n,d)

53-I -132

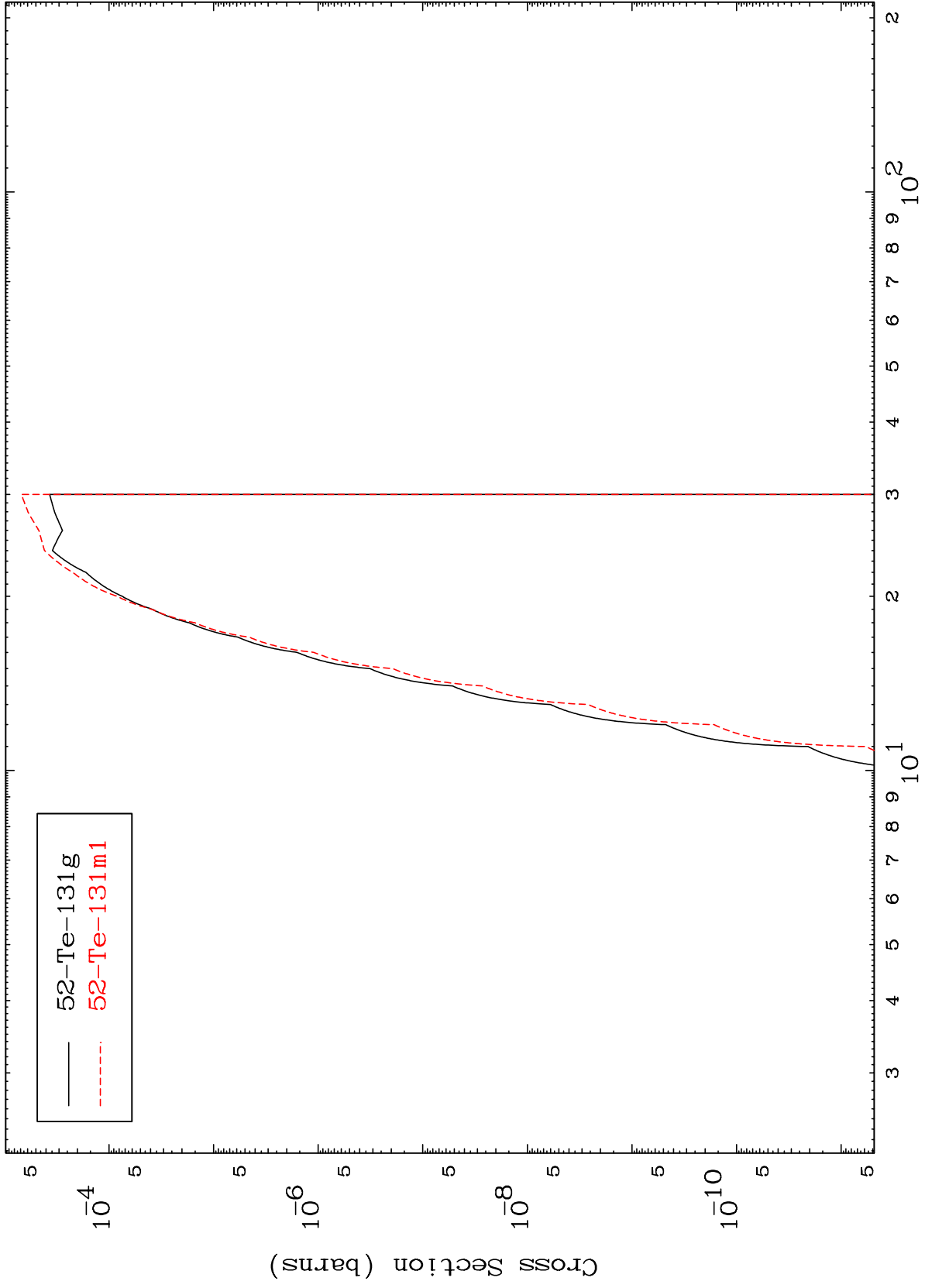


MAT 5340

(n,He-3)

53-I -132

Radionuclide Production Cross Section



52-Te-131g
52-Te-131m1

26

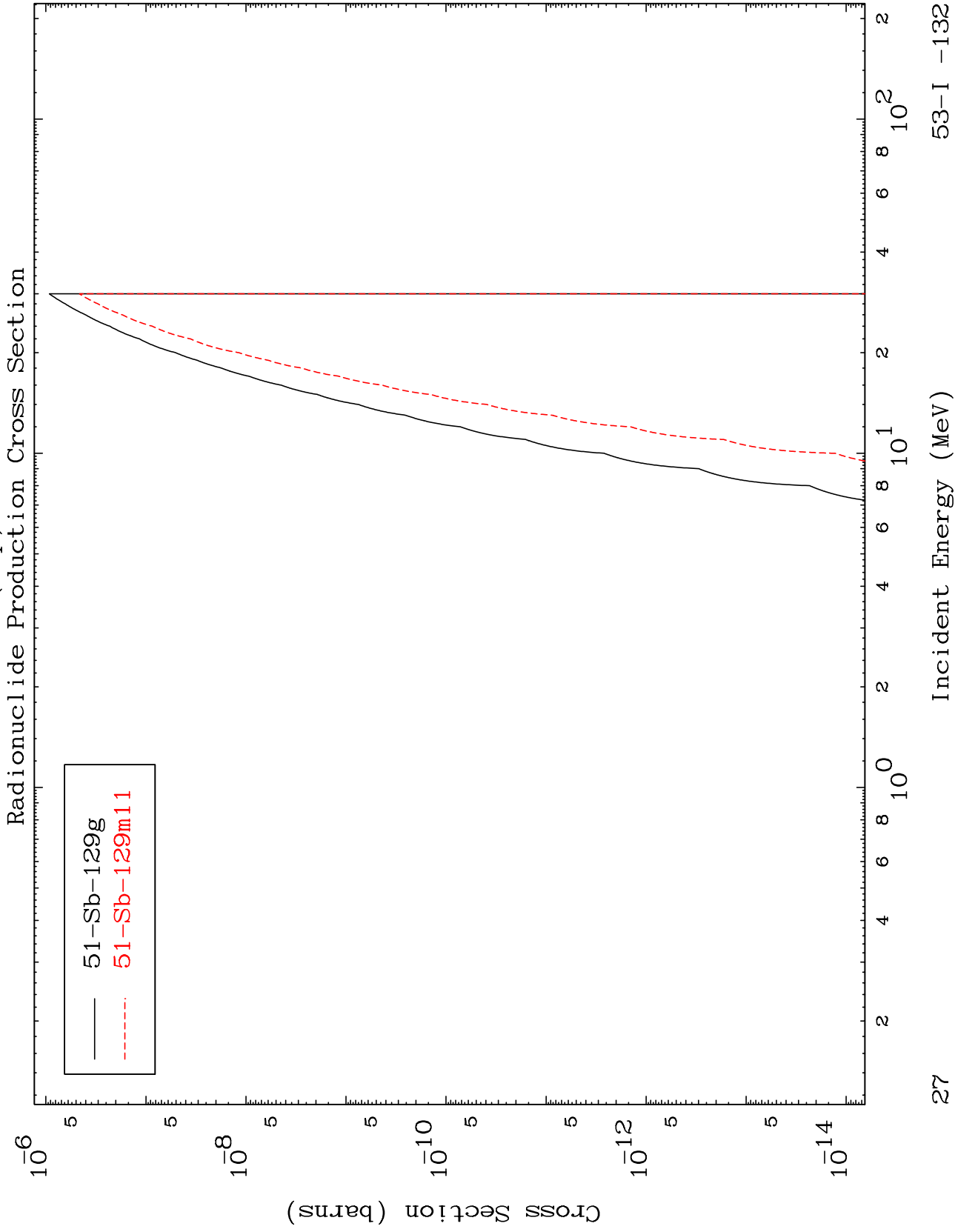
Incident Energy (MeV)

53-I -132

MAT 5340

(n,p) α

53-I -132

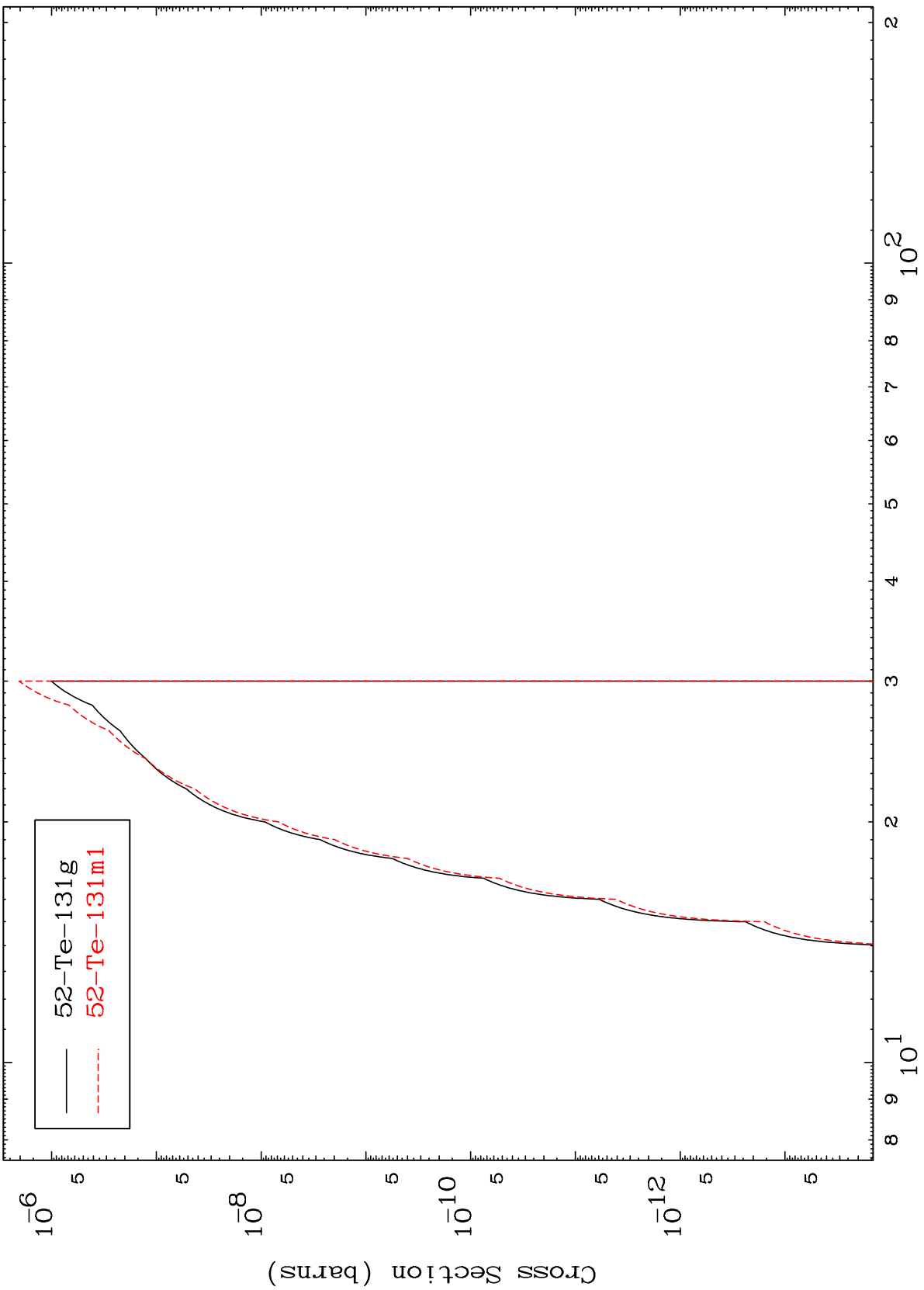


MAT 5340

(n,p) d

53-I -132

Radionuclide Production Cross Section



52-Te-131g
52-Te-131m1

28

Incident Energy (MeV)

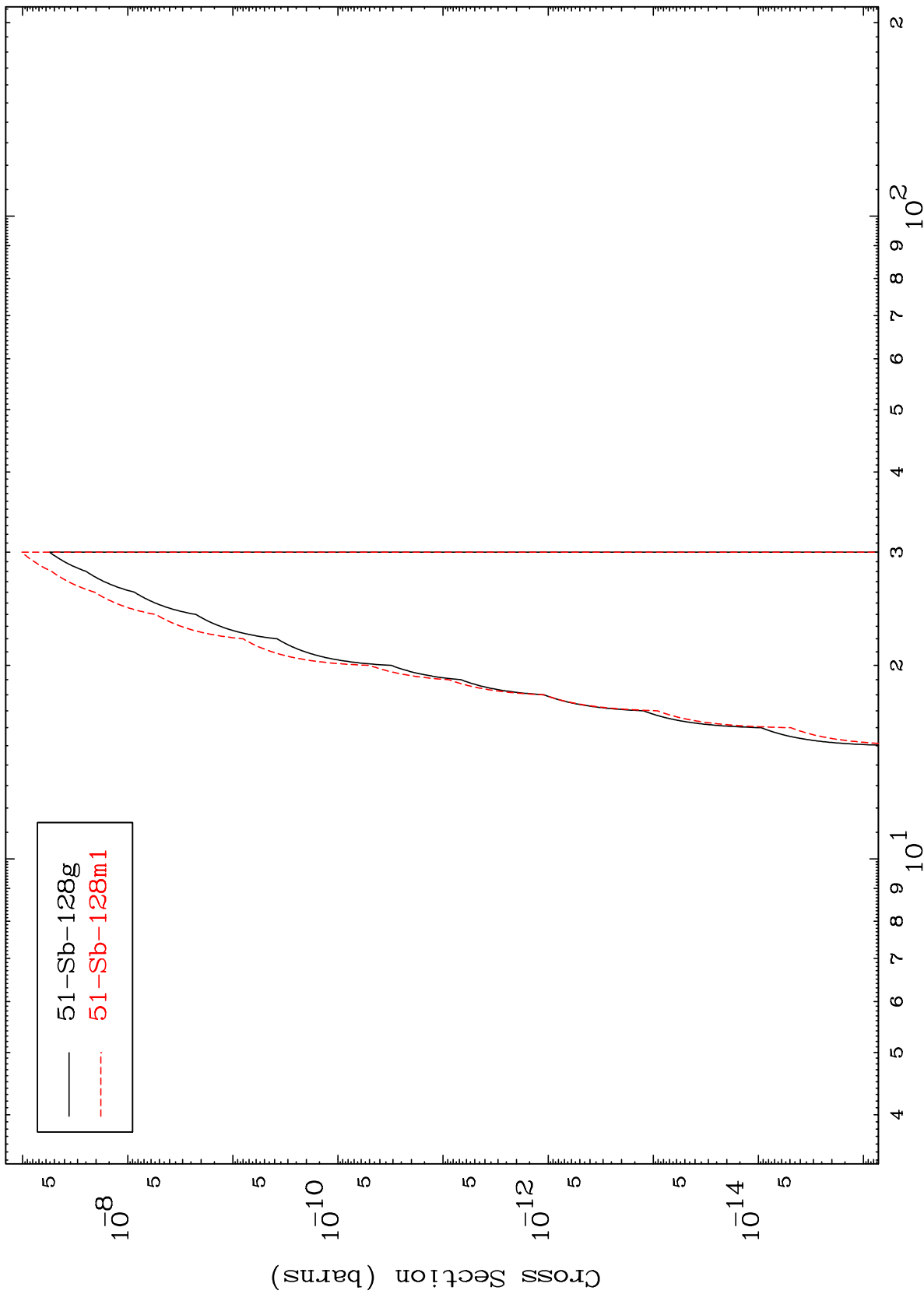
53-I -132

MAT 5340

(n,d) α

53-I -132

Radionuclide Production Cross Section



— 51-Sb-128g
- - - 51-Sb-128m1

29

Incident Energy (MeV)

53-I -132