

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

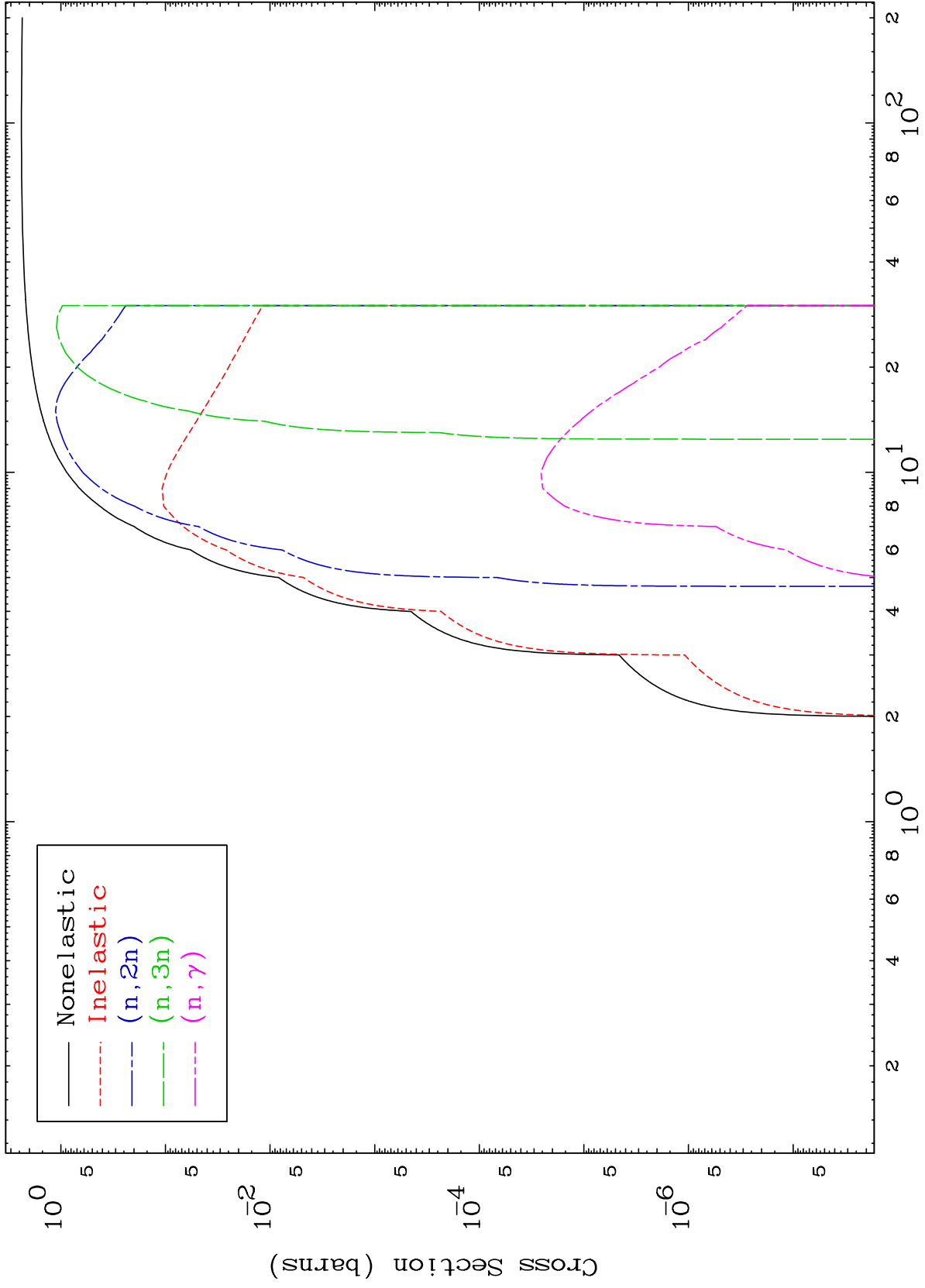
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

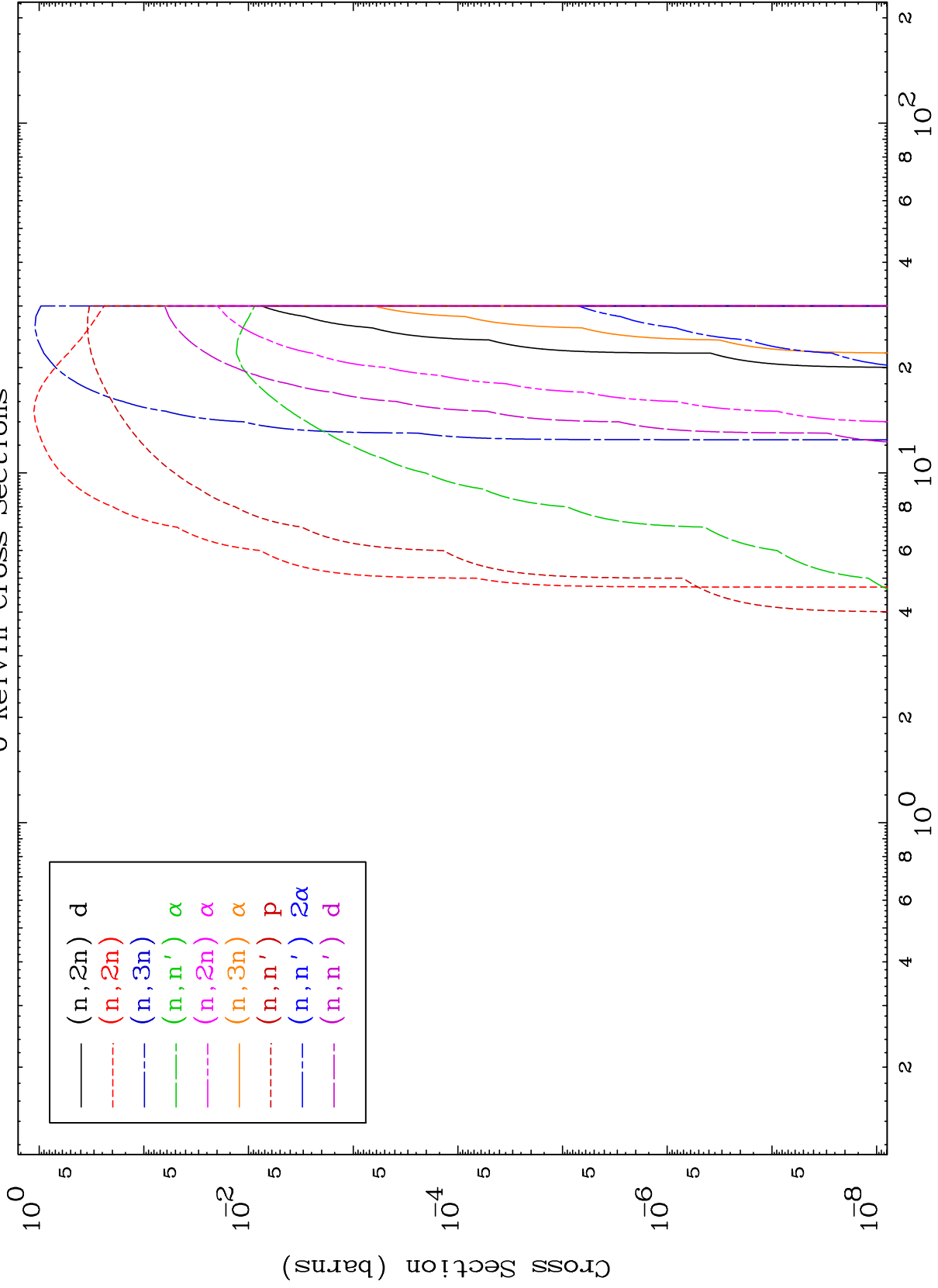
Tele: 925-443-1911

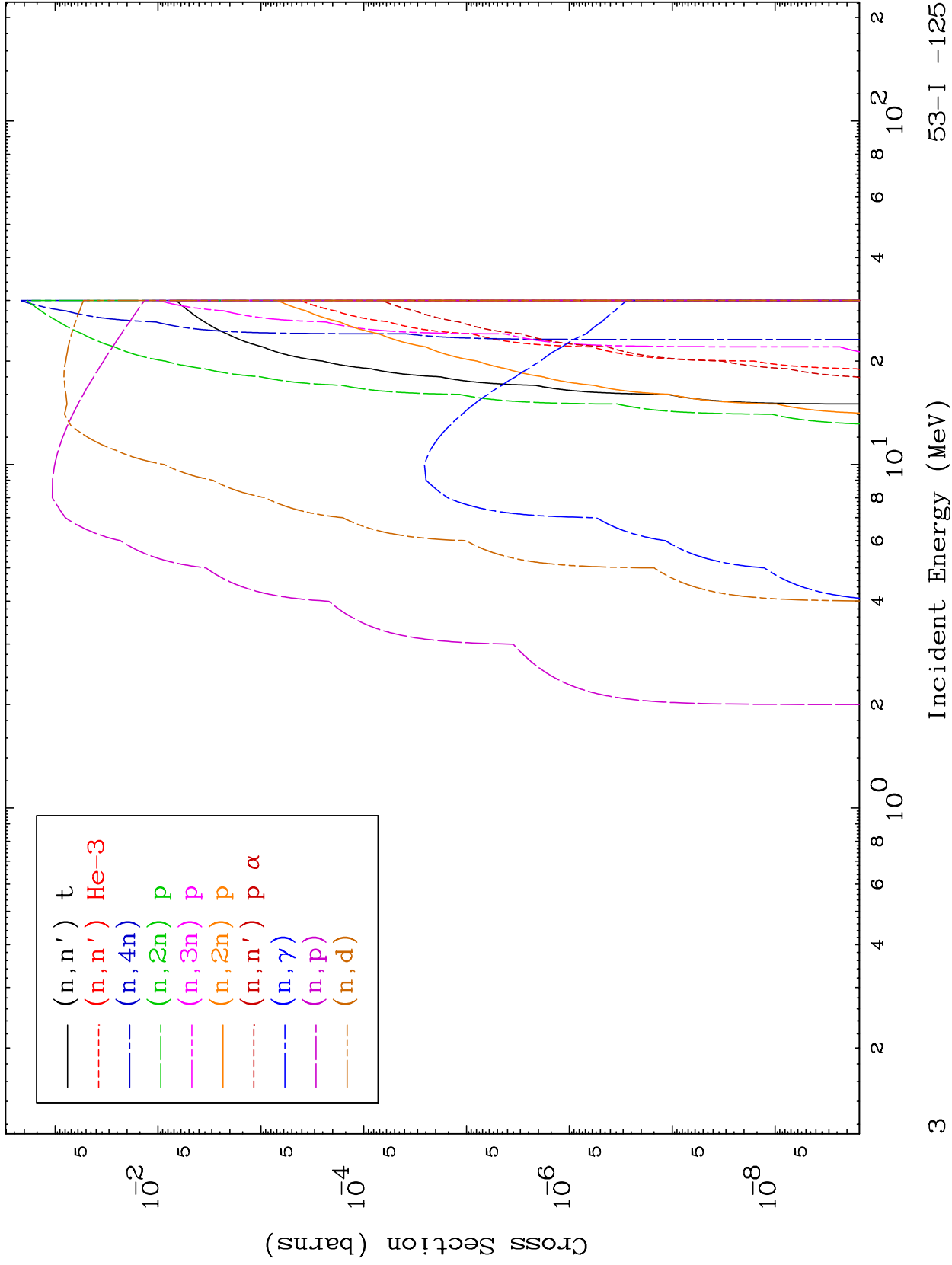
E.Mail: redcullen1@comcast.net

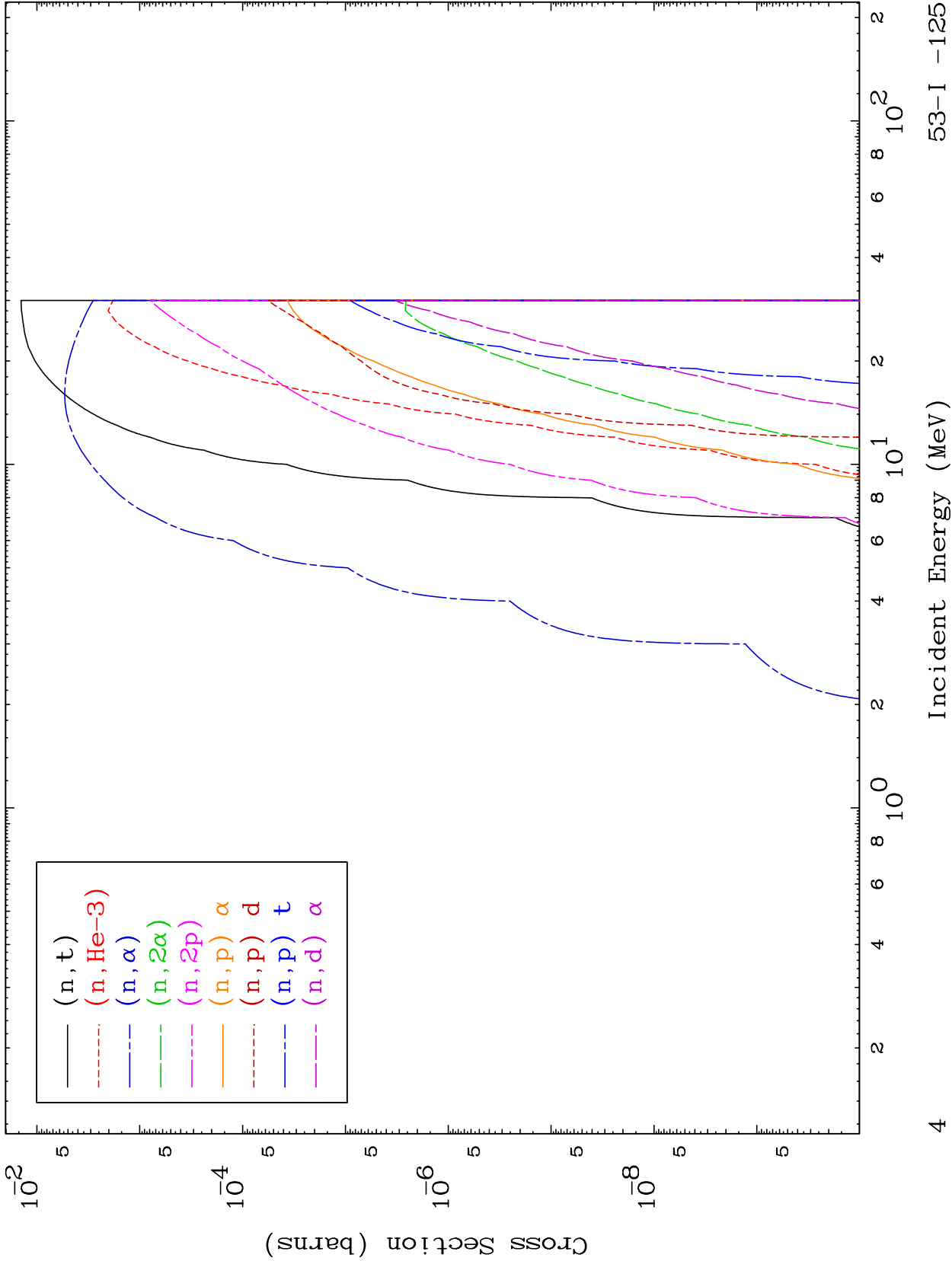
Web: redcullen1.net/HOMEPAGE.NEW

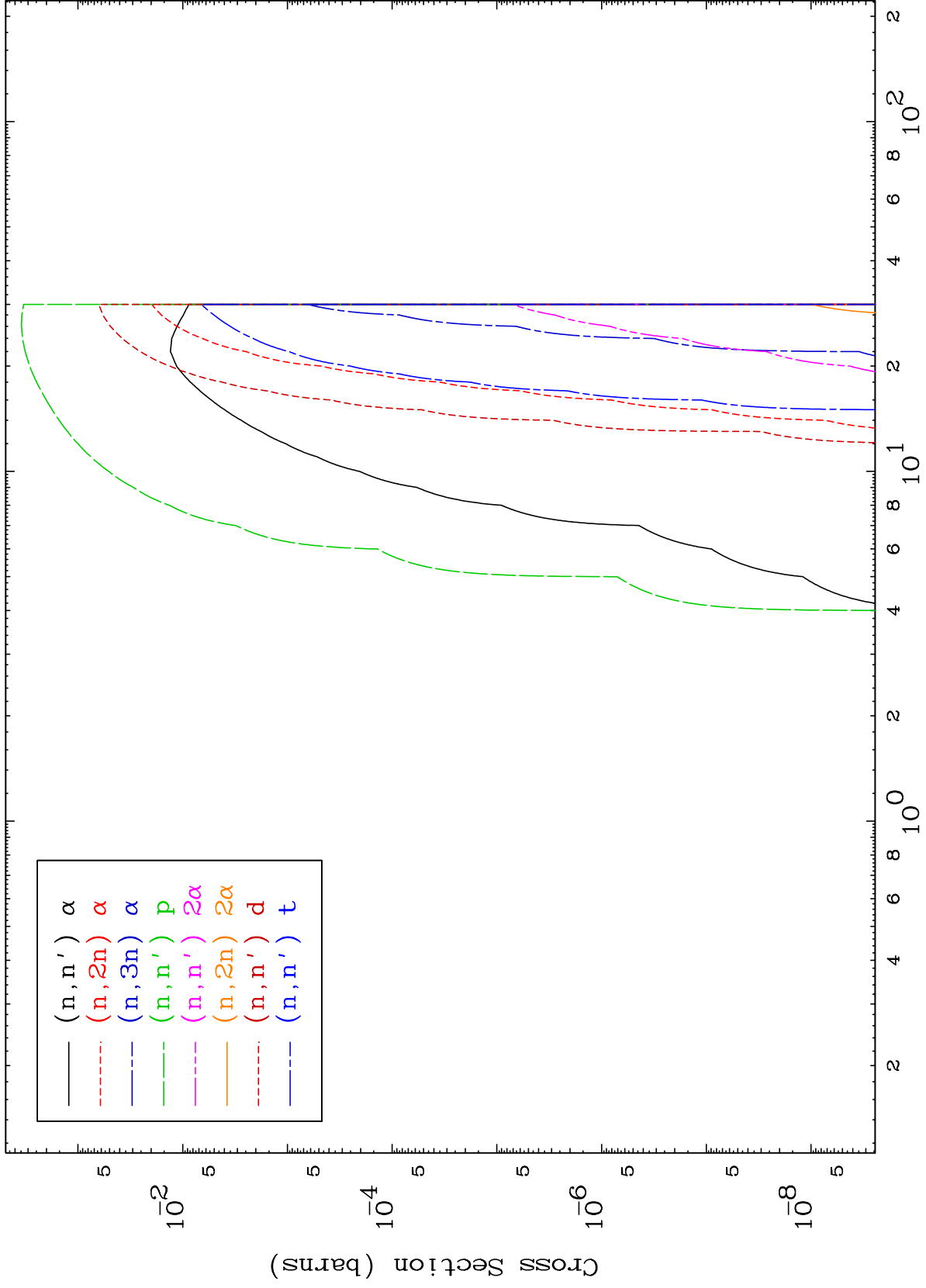
Press Mouse Button to Start

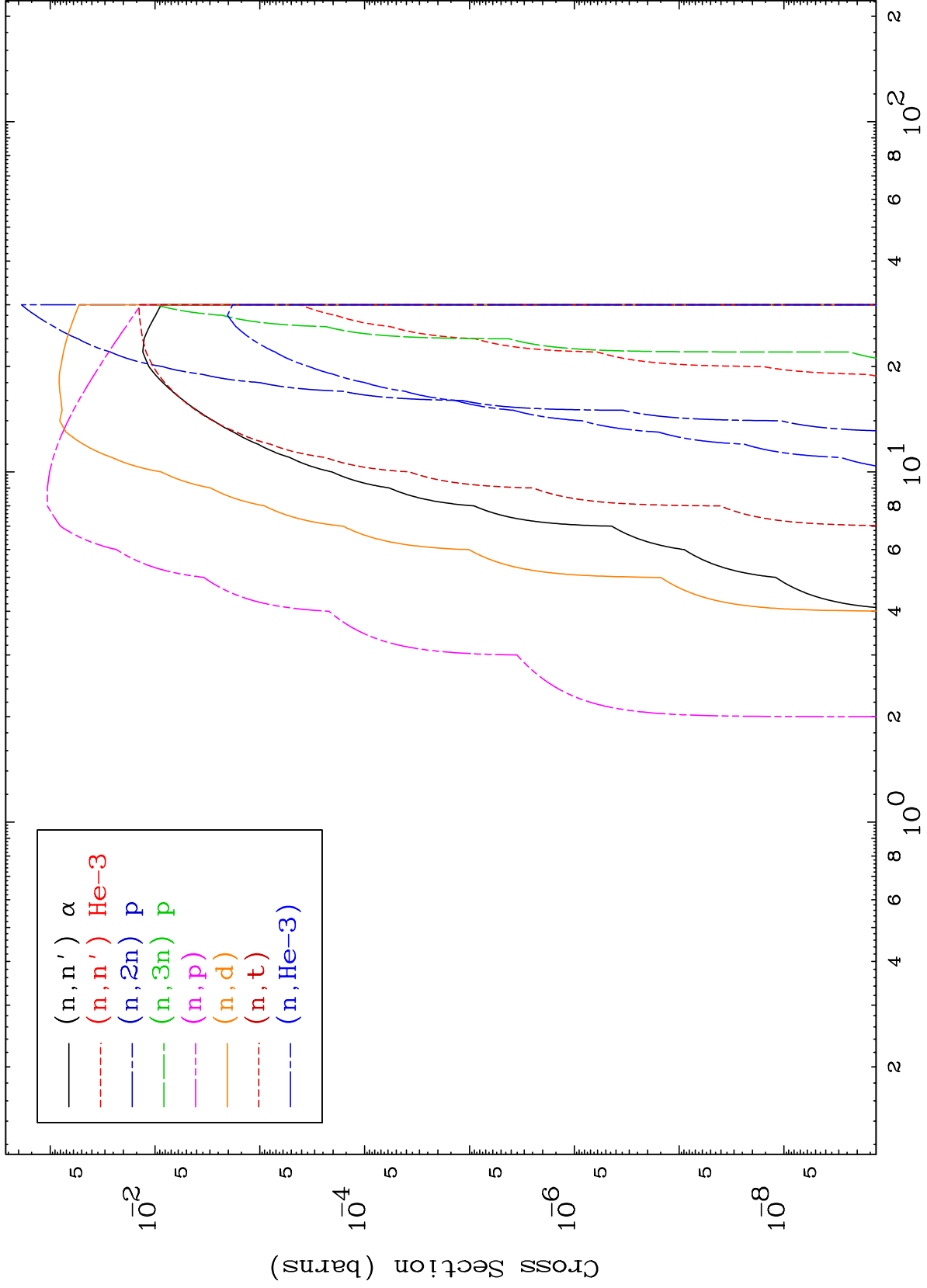


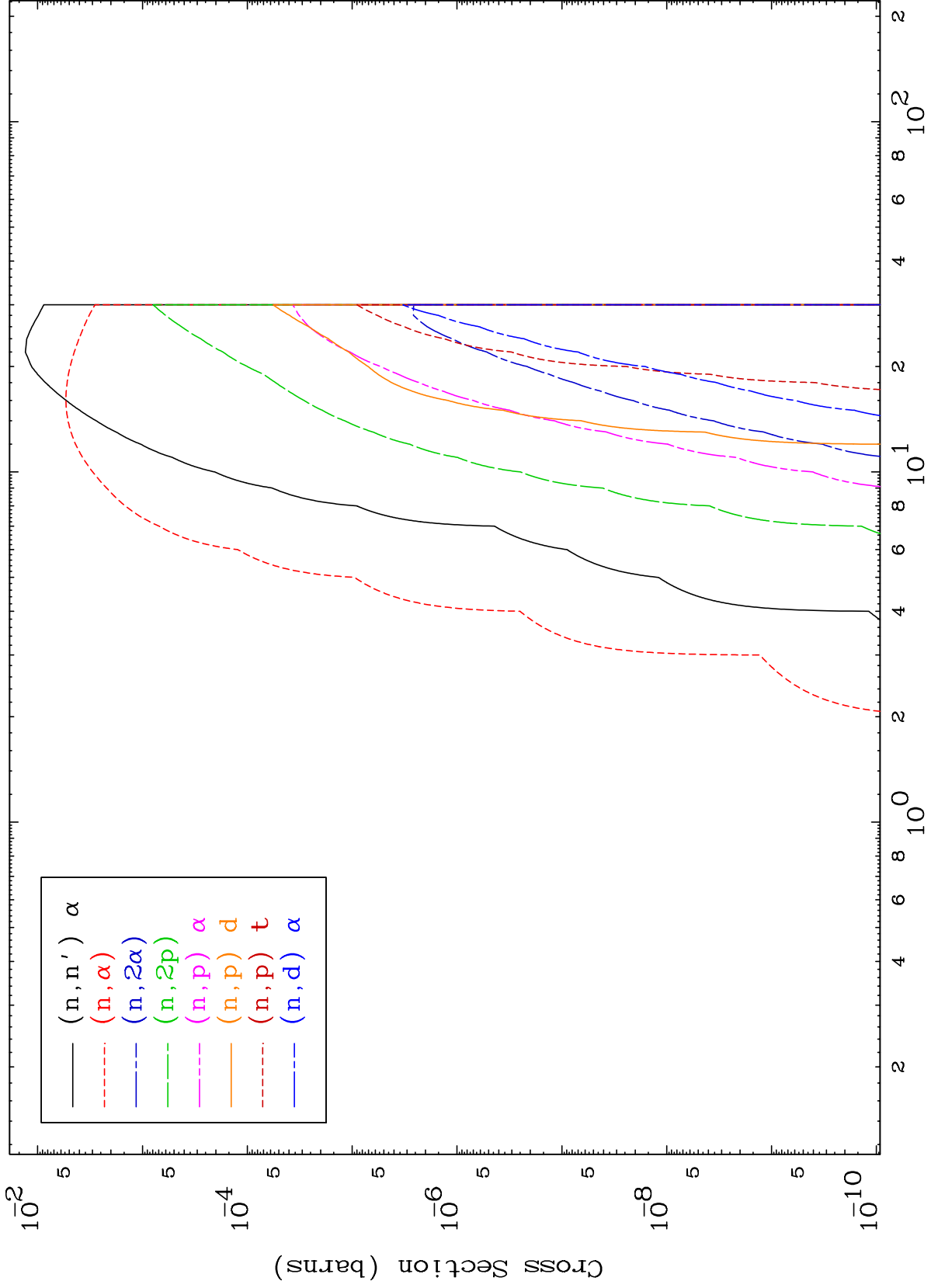










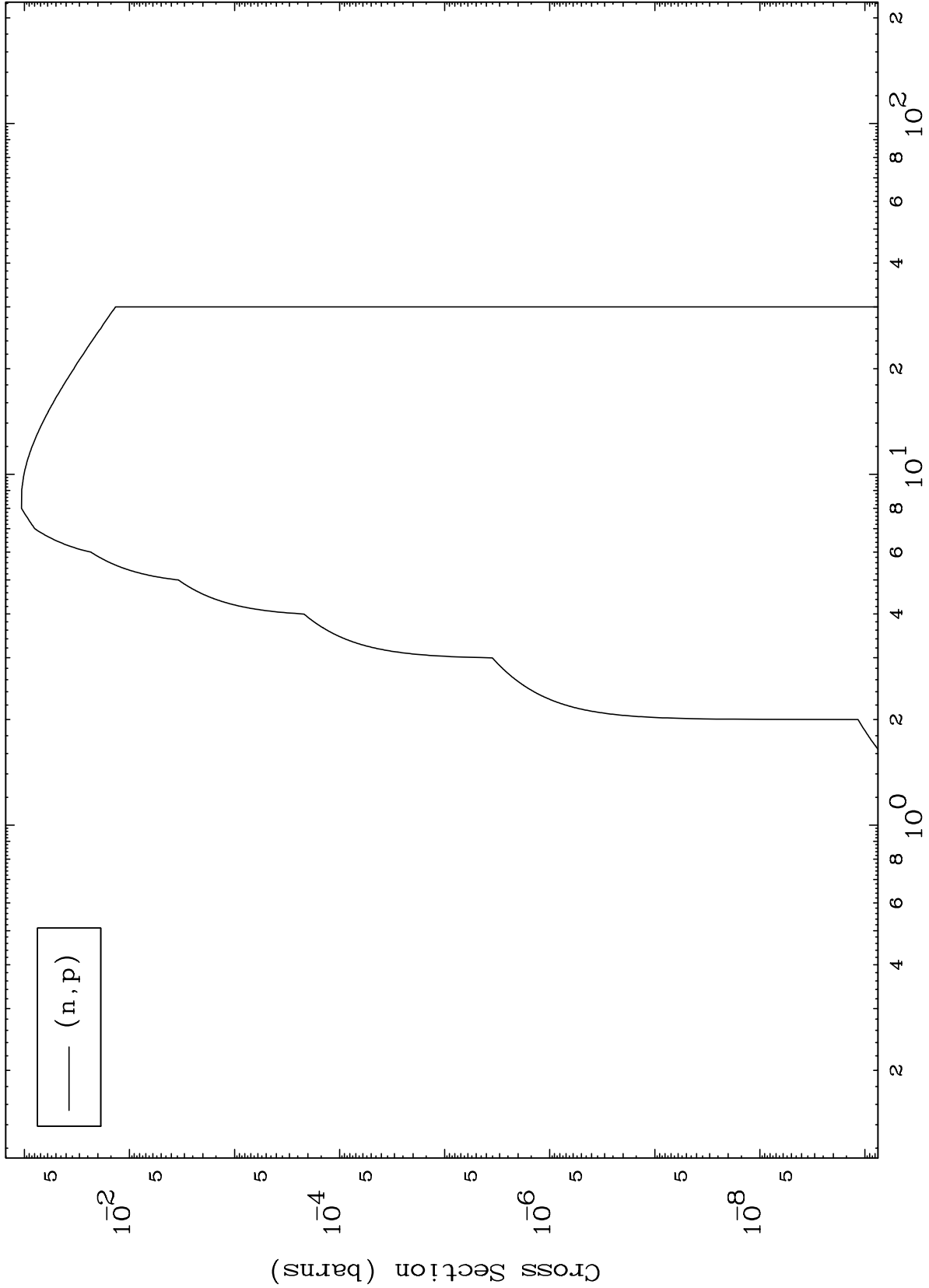


MAT 5319

(d,p) Levels

53-I -125

0 Kelvin Cross Sections

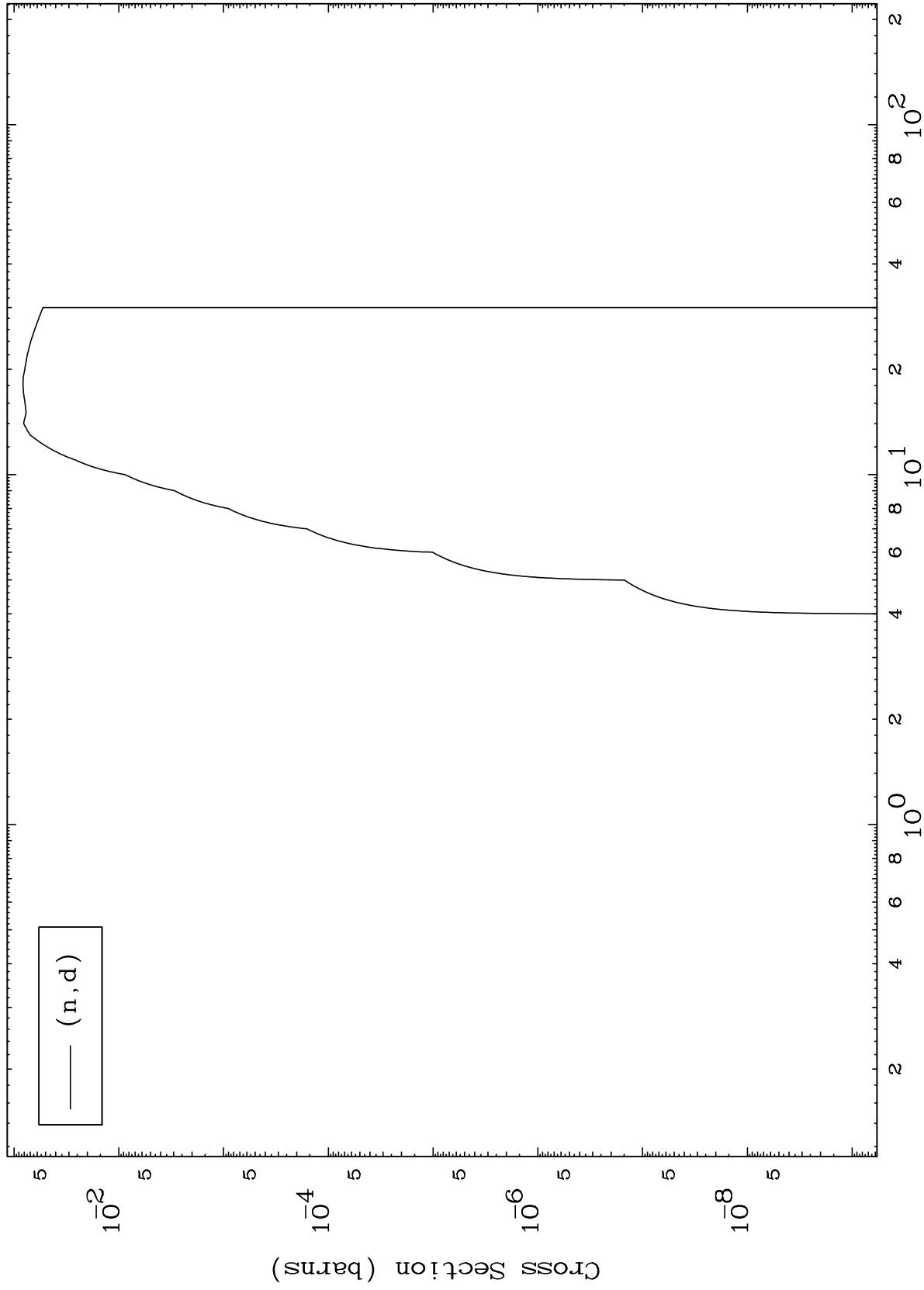


MAT 5319

(d,d) Levels

53-I -125

0 Kelvin Cross Sections

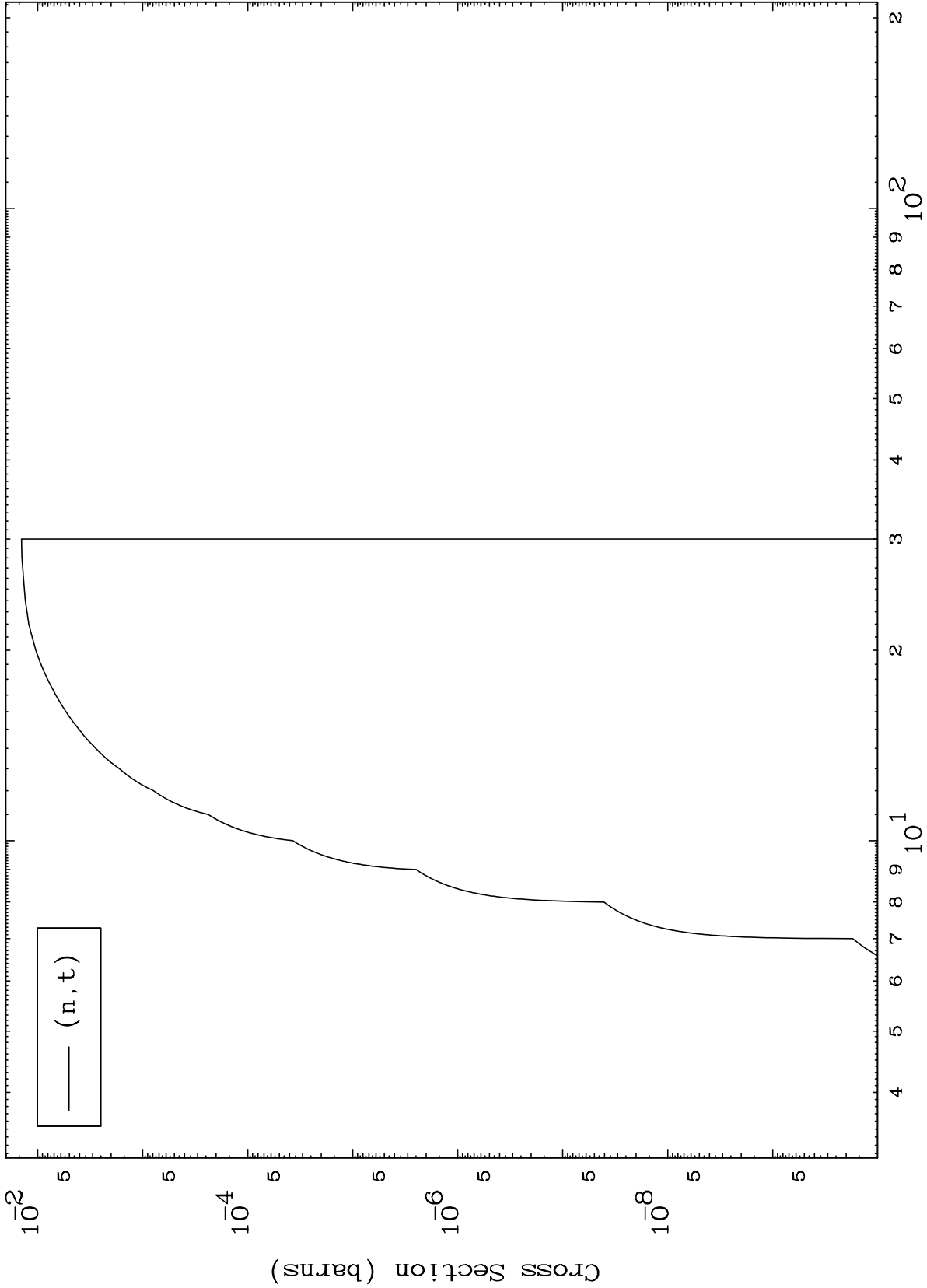


MAT 5319

(d,t) Levels

53-I -125

0 Kelvin Cross Sections



10

Incident Energy (MeV)

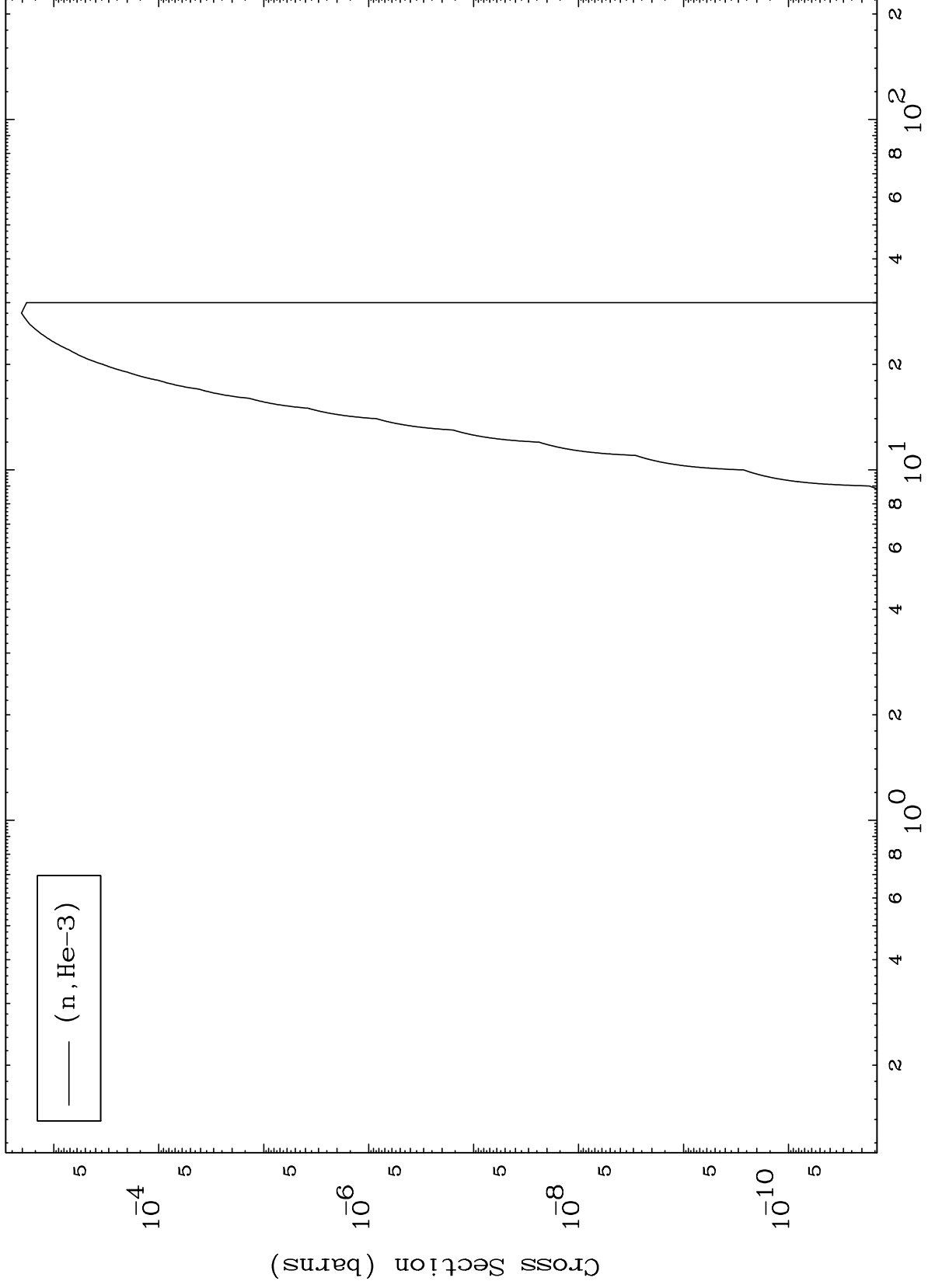
53-I -125

MAT 5319

(d,He3) Levels

53-I -125

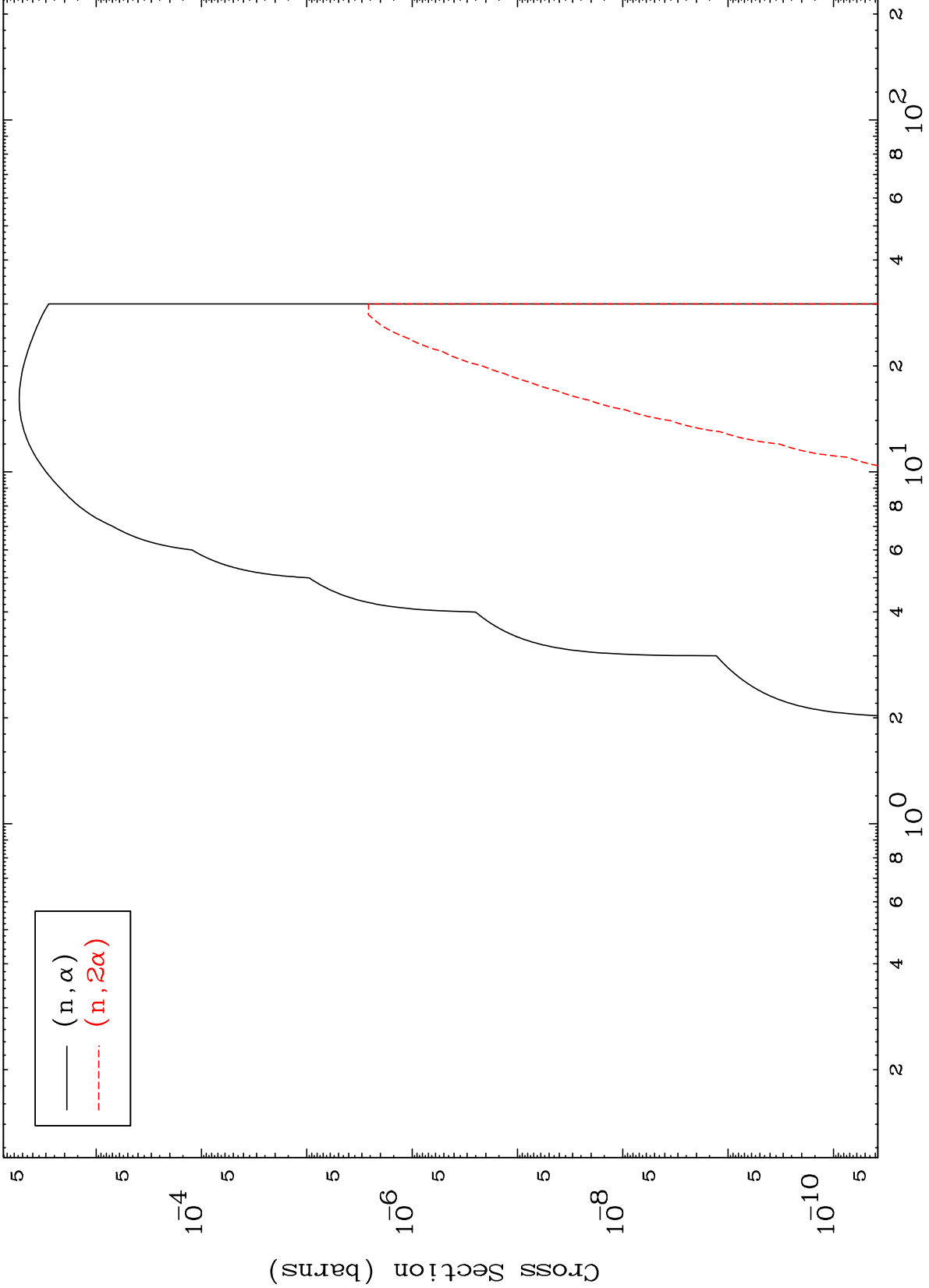
0 Kelvin Cross Sections



MAT 5319

(d, α) Levels
0 Kelvin Cross Sections

53-I -125



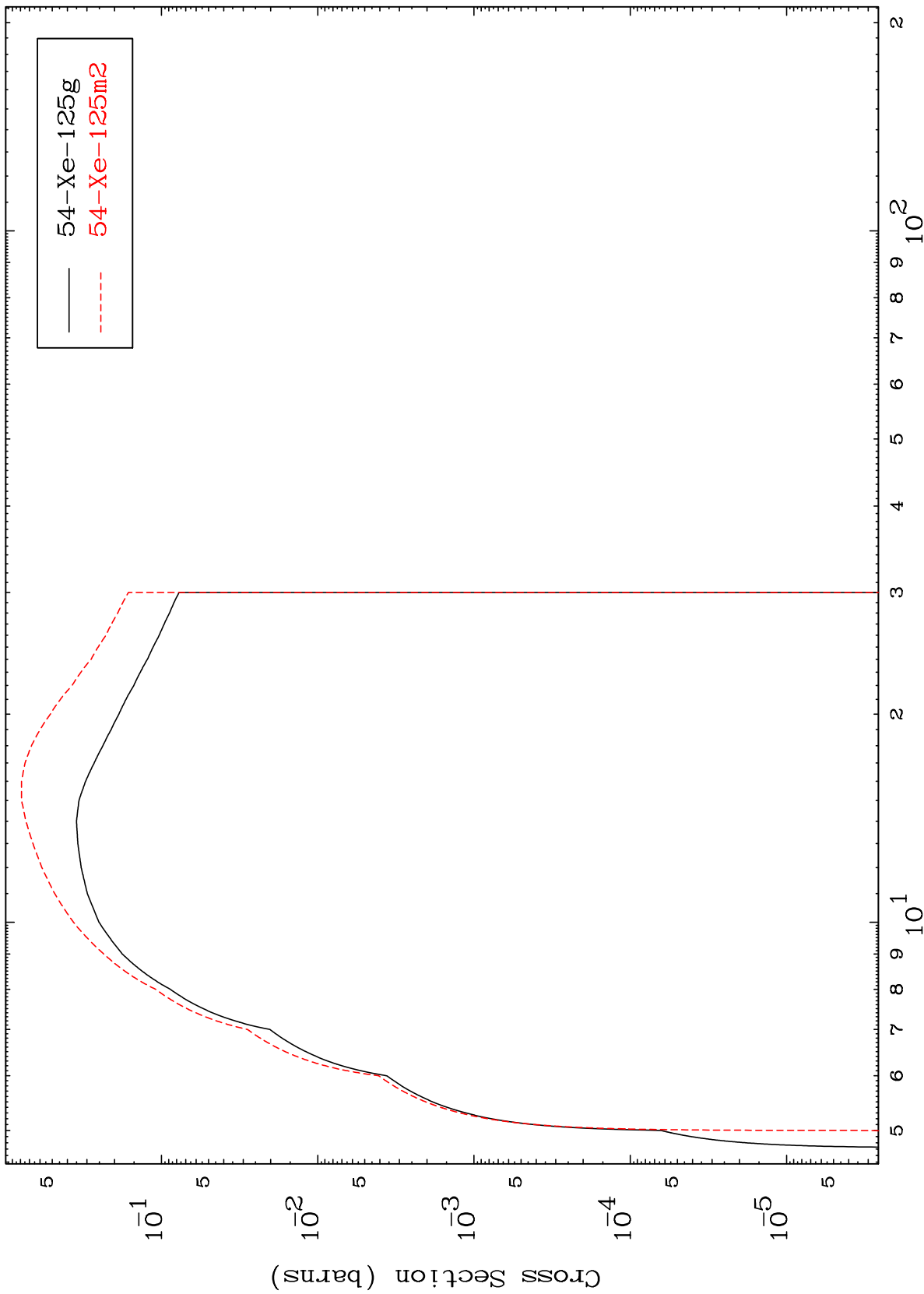
12

53-I -125

MAT 5319

53-I -125

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

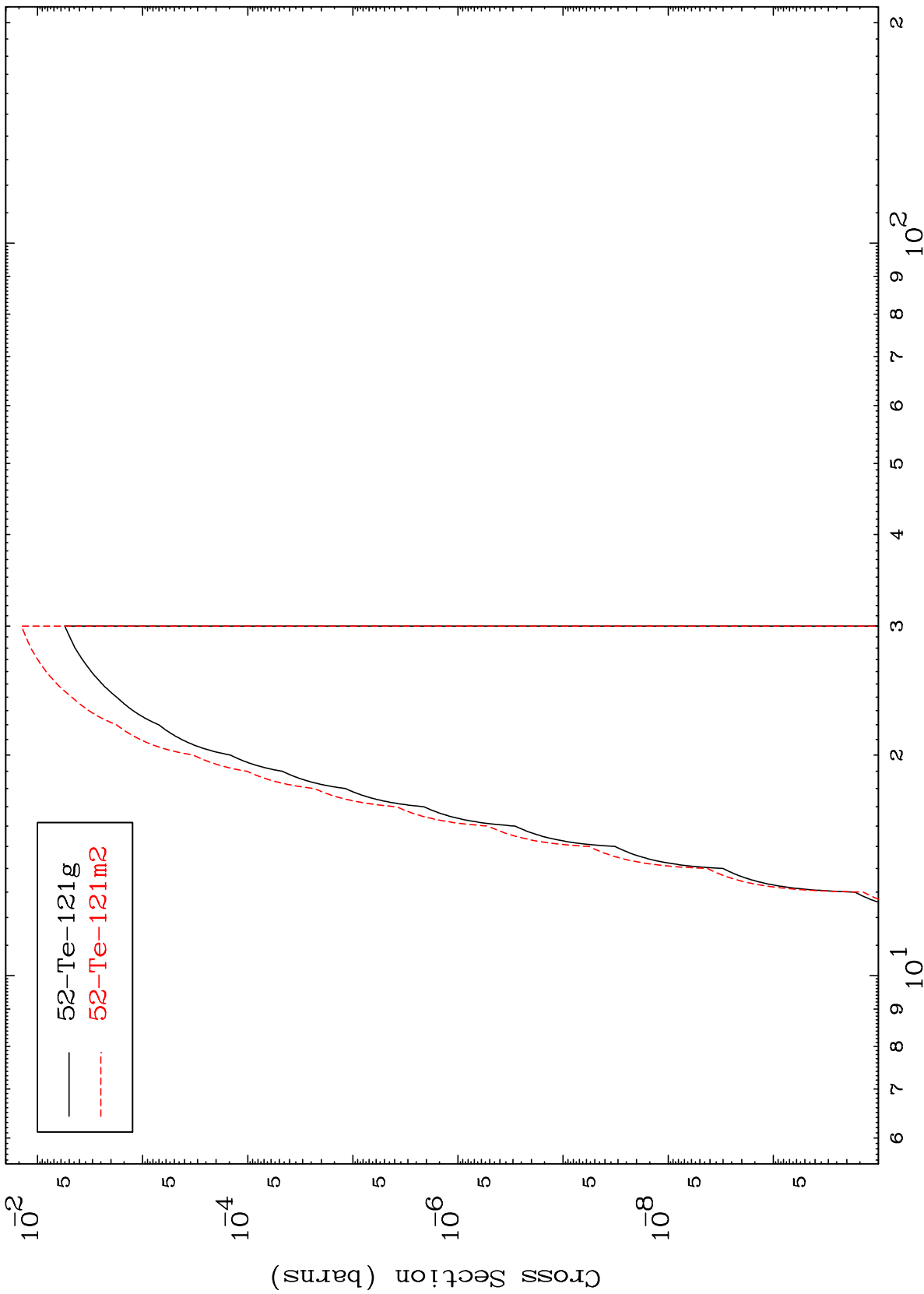
53-I -125

MAT 5319

(n,2n) α

53-I -125

Radionuclide Production Cross Section



52-Te-121g
52-Te-121m2

Incident Energy (MeV)

53-I -125

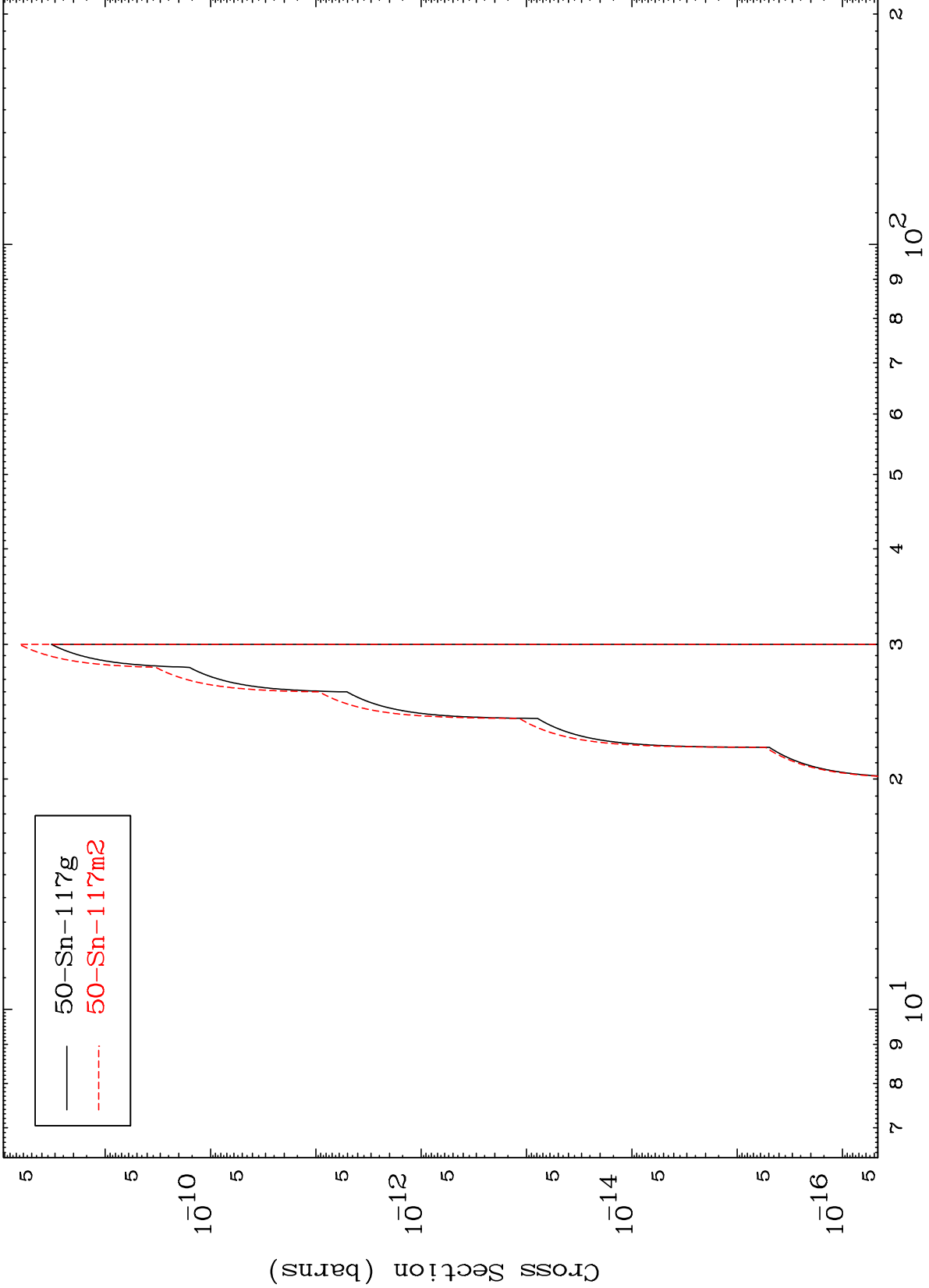
14

MAT 5319

$^{53}\text{I}-125$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



50-Sn-117g
50-Sn-117m2

15

Incident Energy (MeV)

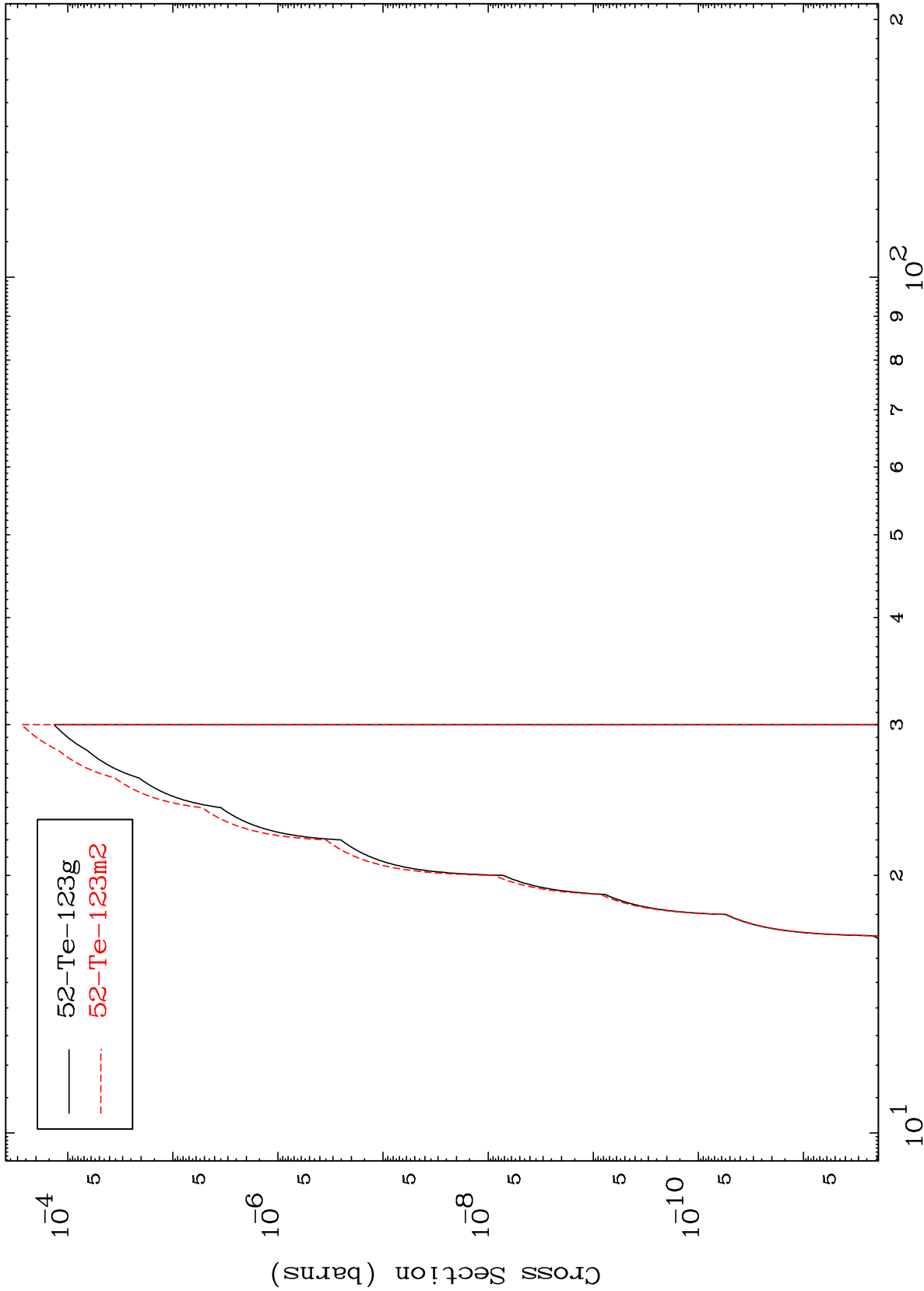
$^{53}\text{I}-125$

MAT 5319

(n,n') He-3

53-I -125

Radionuclide Production Cross Section



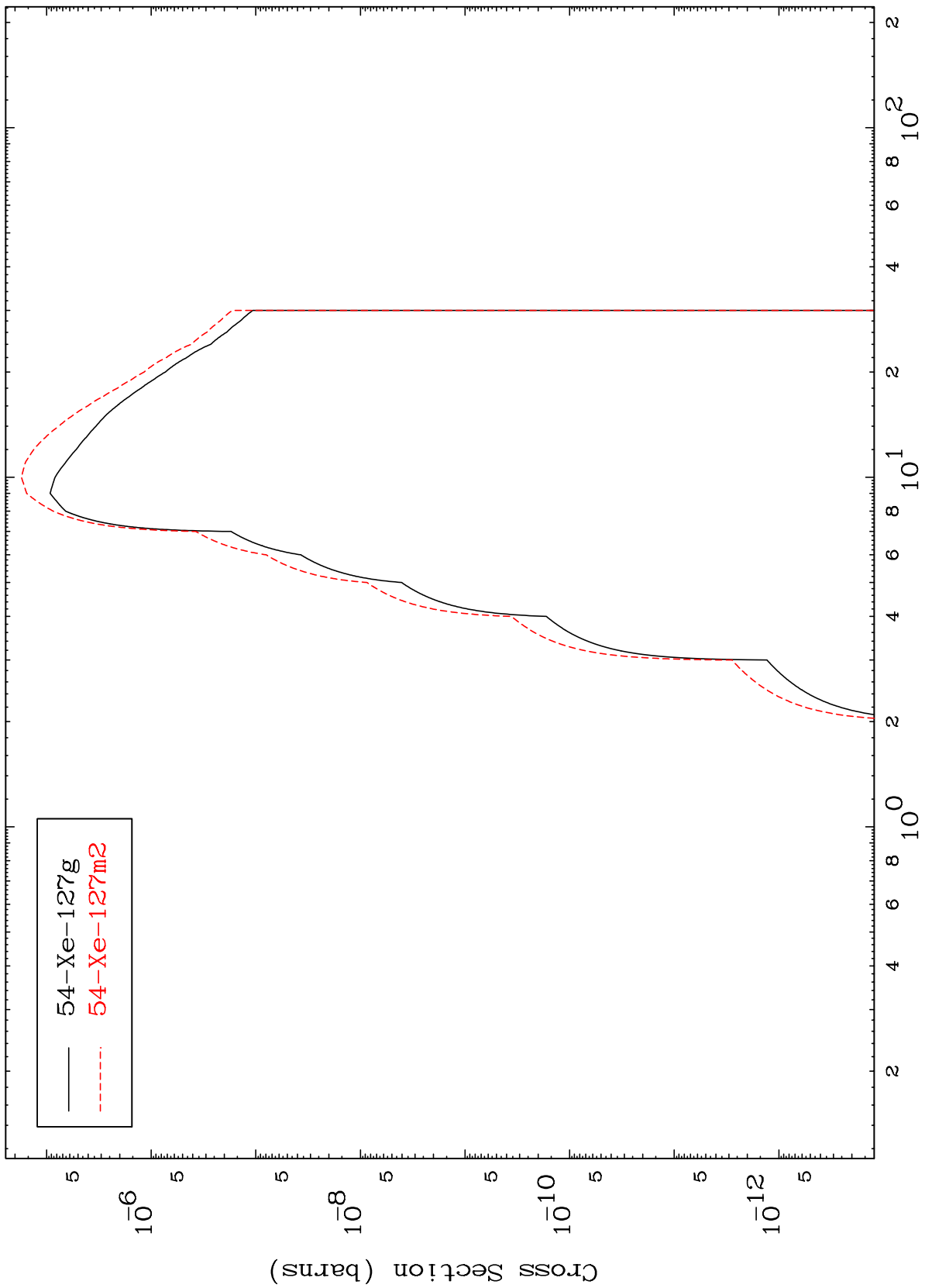
Incident Energy (MeV)

53-I -125

MAT 5319

53-I -125

(n, γ)
Radionuclide Production Cross Section



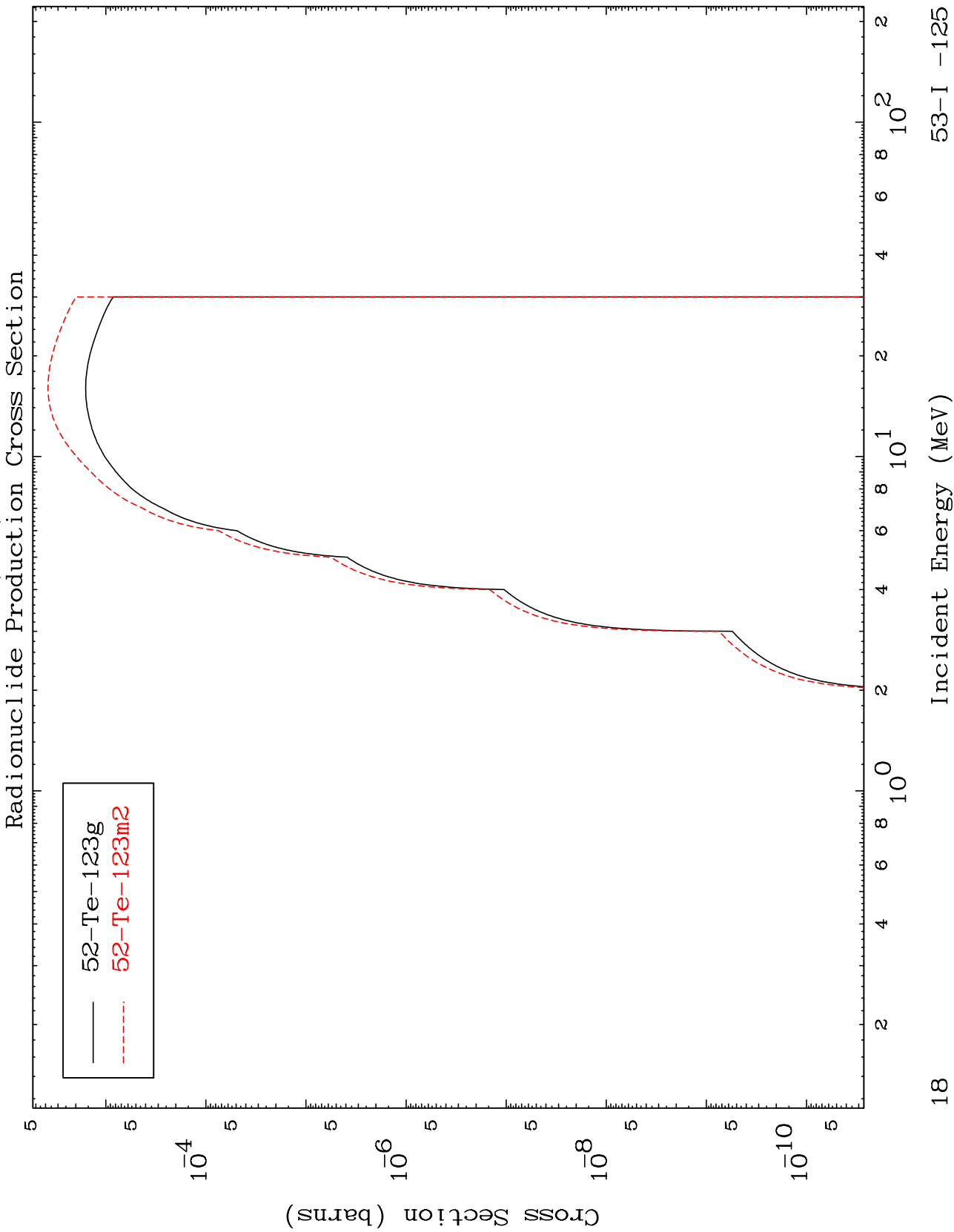
17

53-I -125

Incident Energy (MeV)

MAT 5319

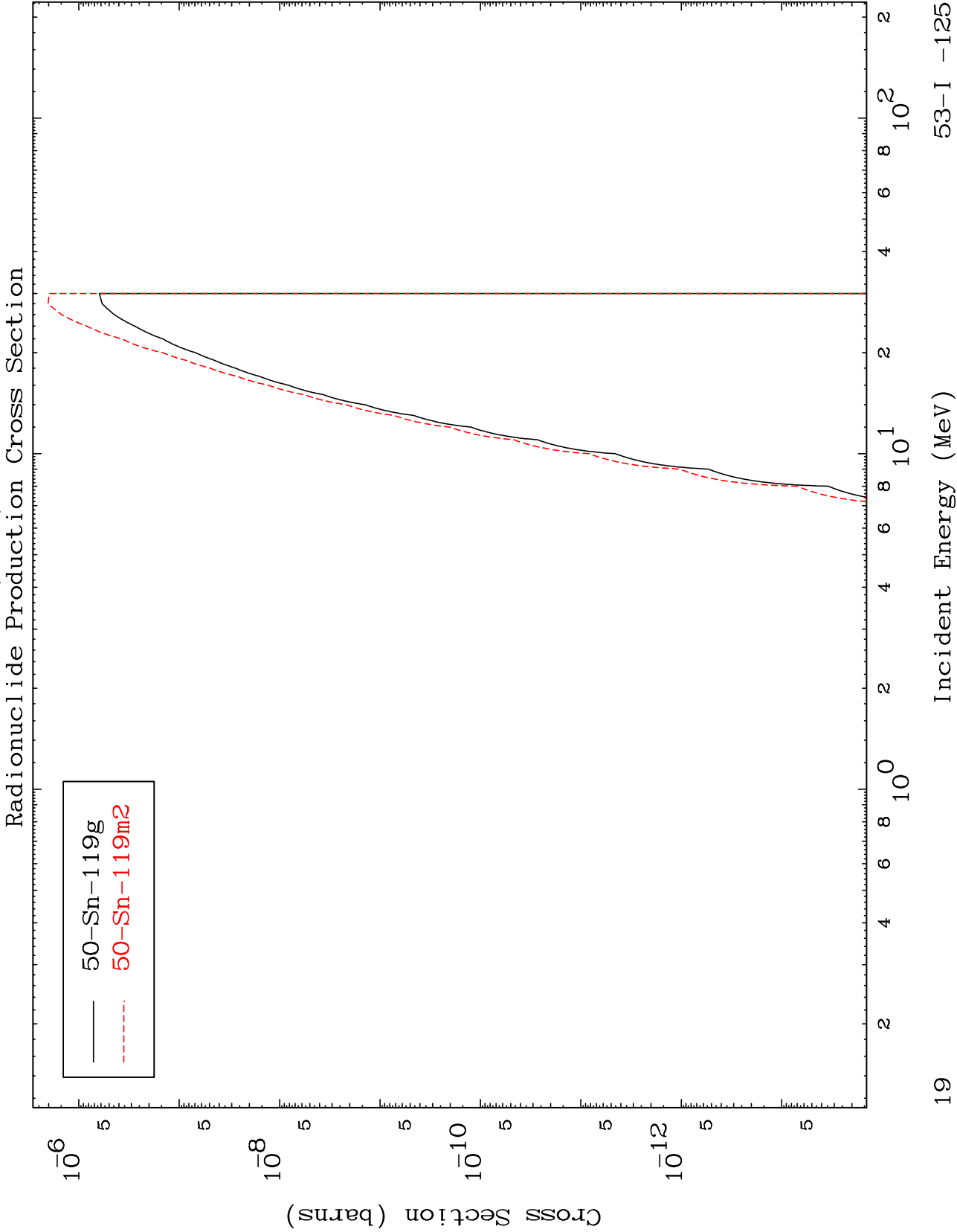
53-I -125



MAT 5319

(n,2α)

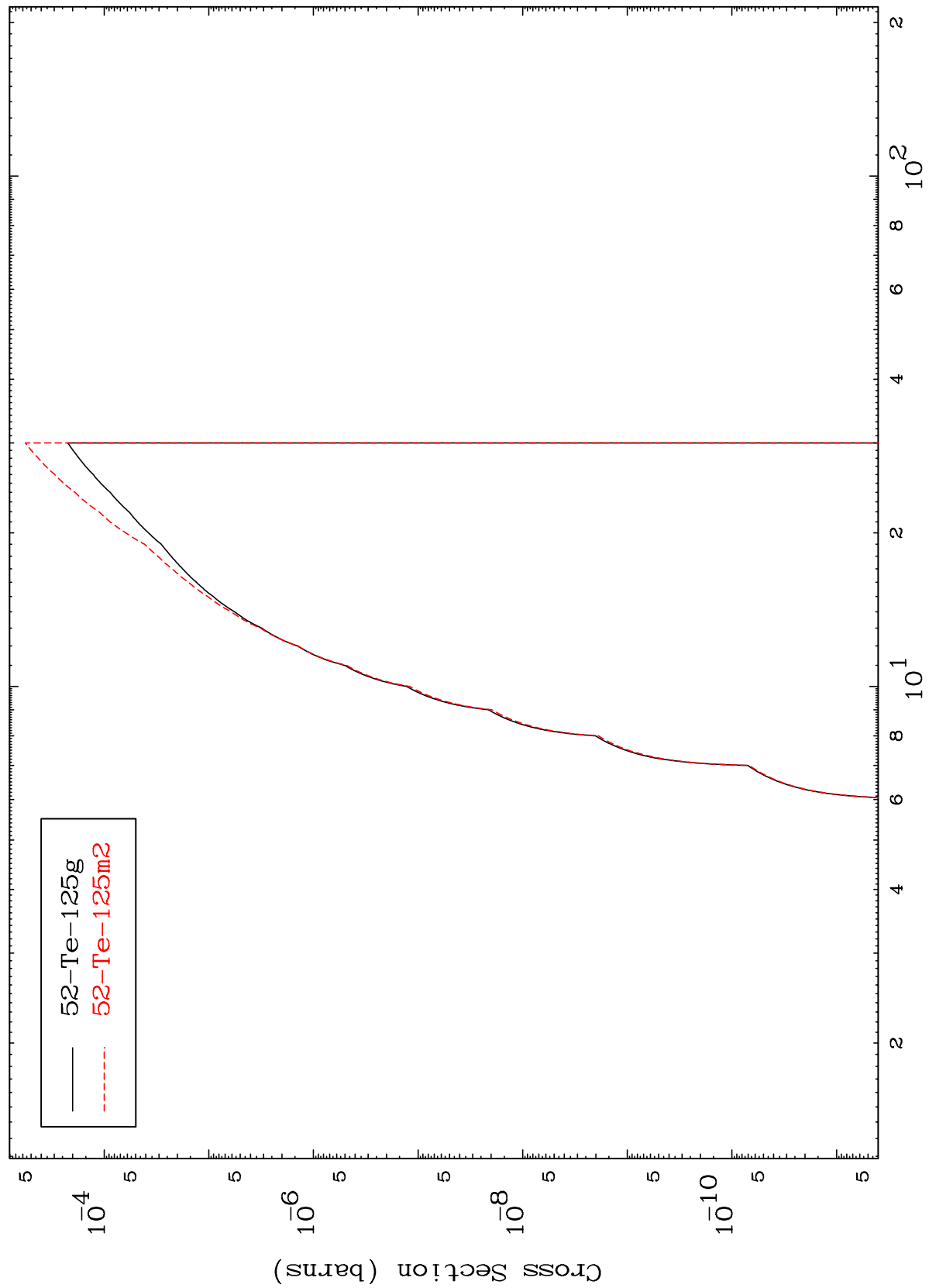
53-I -125



MAT 5319

53-I -125

(n,2p)
Radionuclide Production Cross Section



— 52-Te-125g
- - - 52-Te-125m2

20

53-I -125

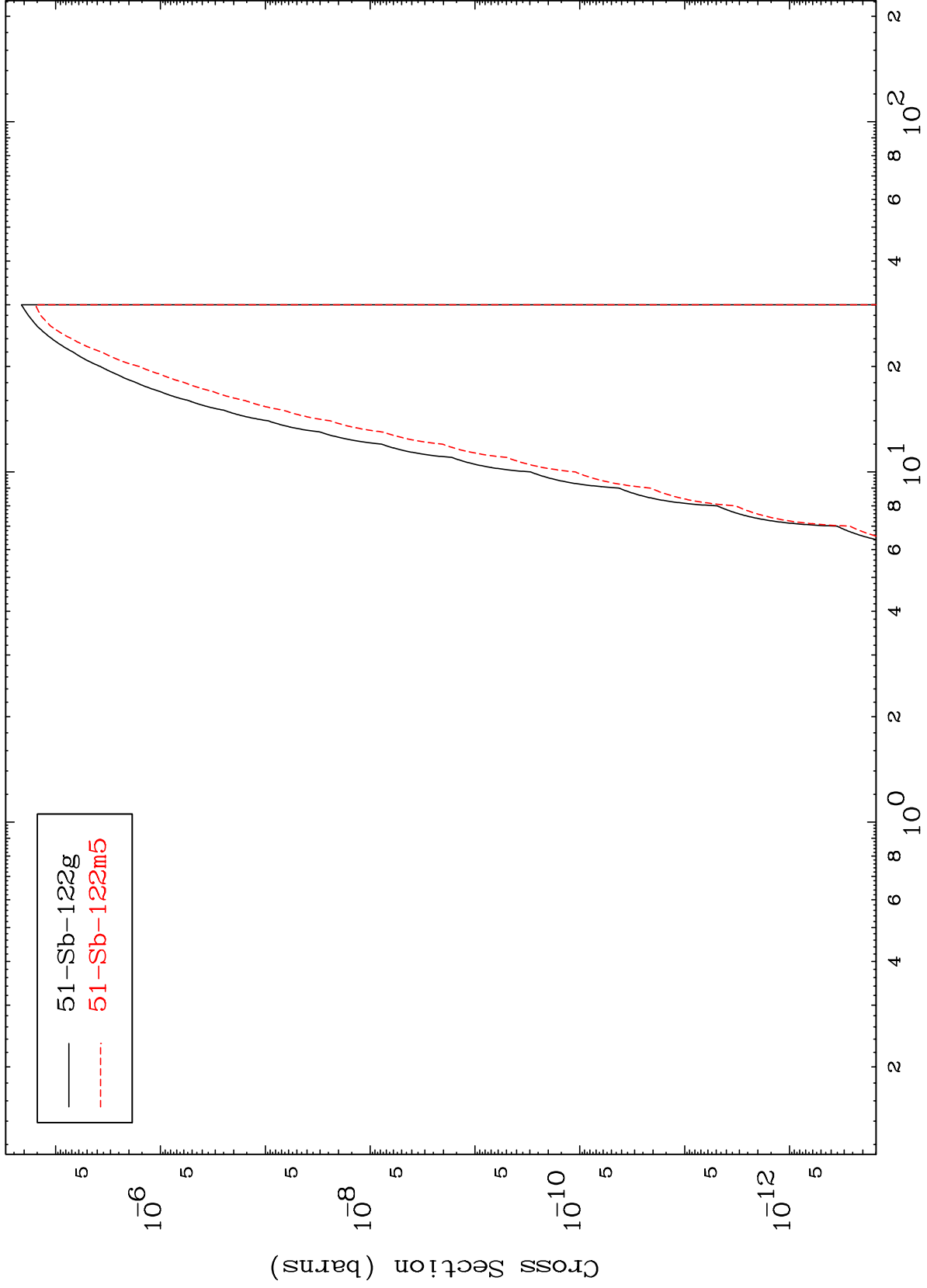
Incident Energy (MeV)

MAT 5319

(n,p) α

53-I -125

Radionuclide Production Cross Section

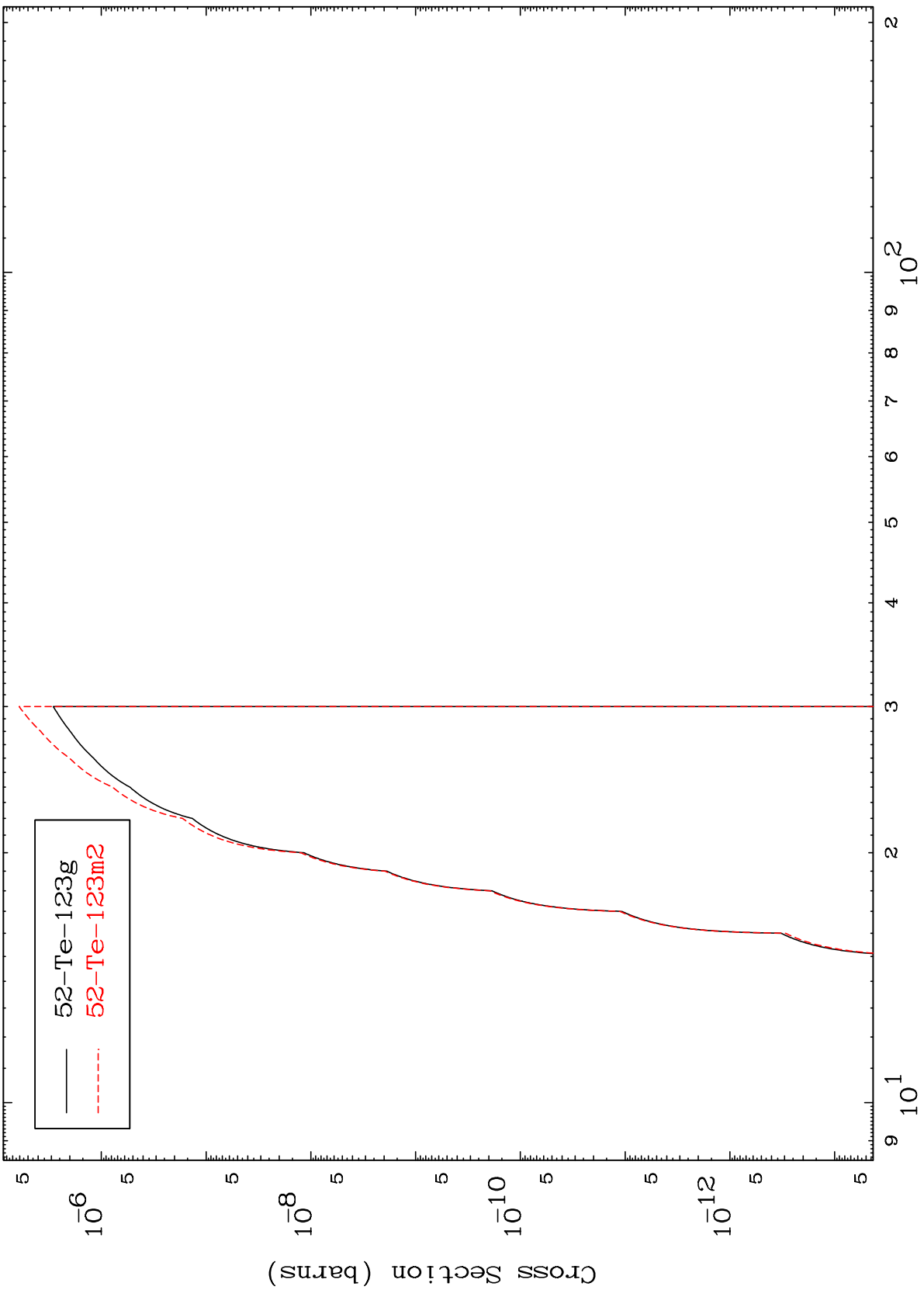


MAT 5319

(n,p) t

53-I -125

Radionuclide Production Cross Section



22

Incident Energy (MeV)

53-I -125