

Program EVALPLOT
(Version 2018-1)

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

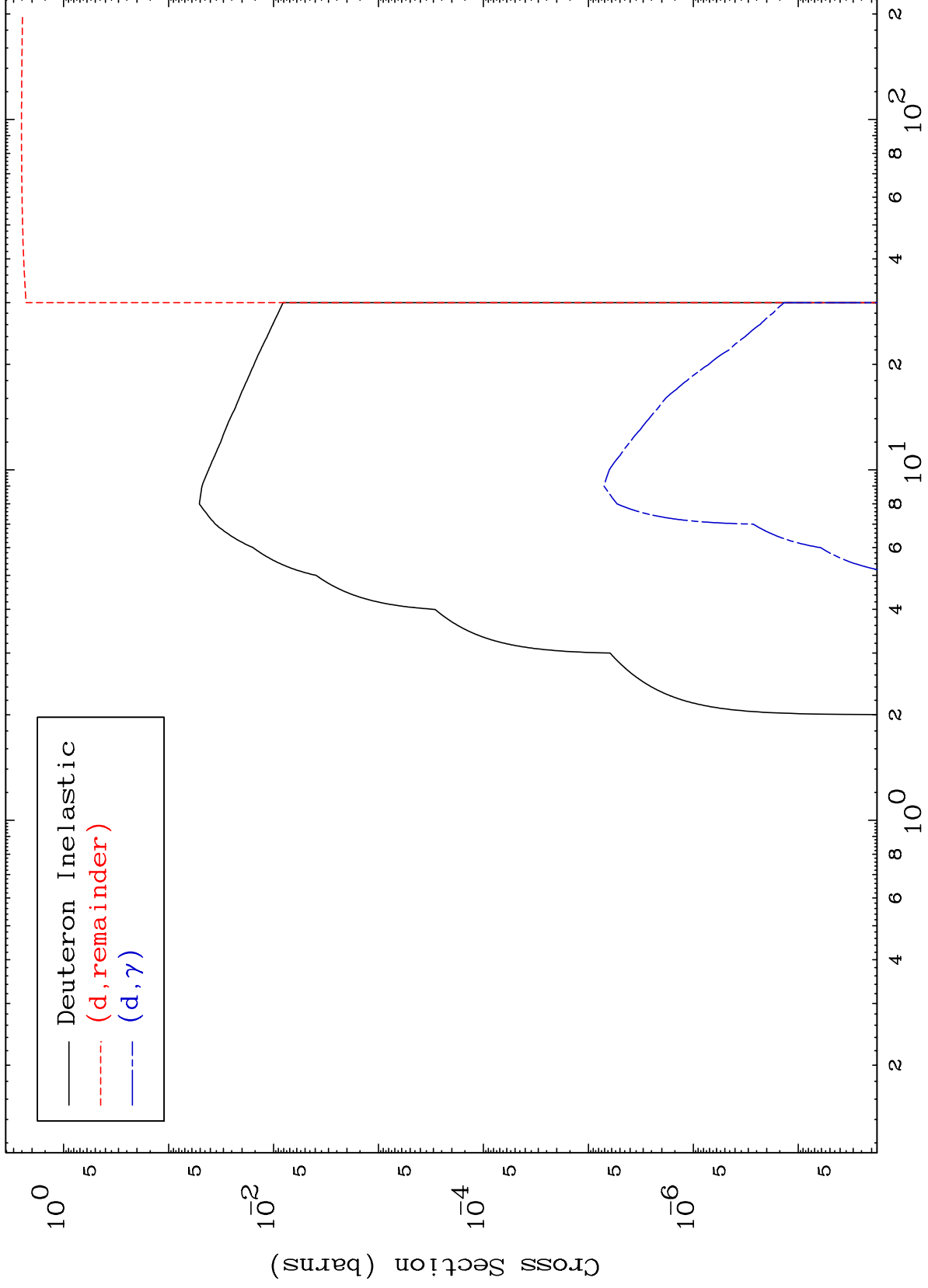
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

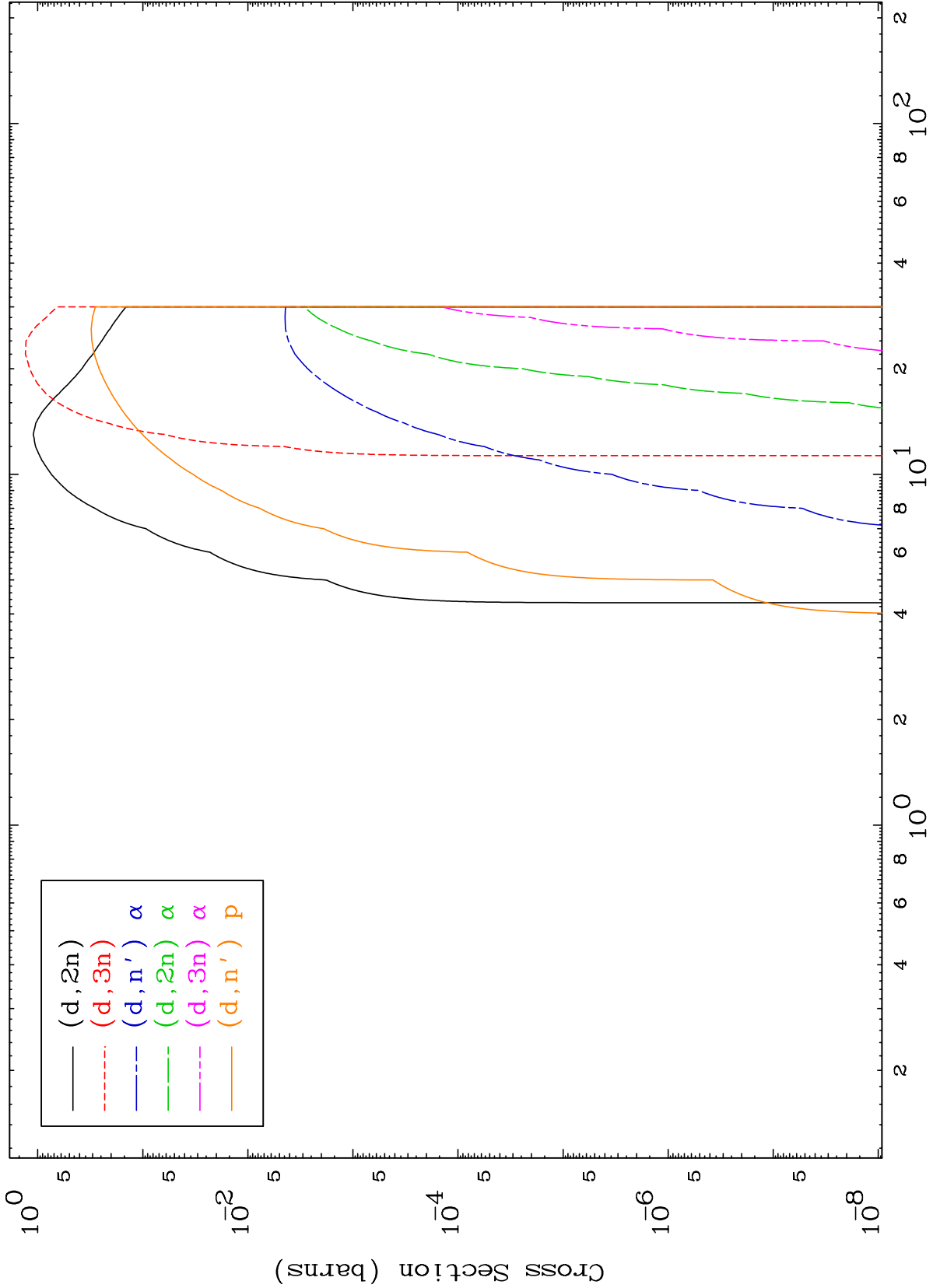
MAT 5455

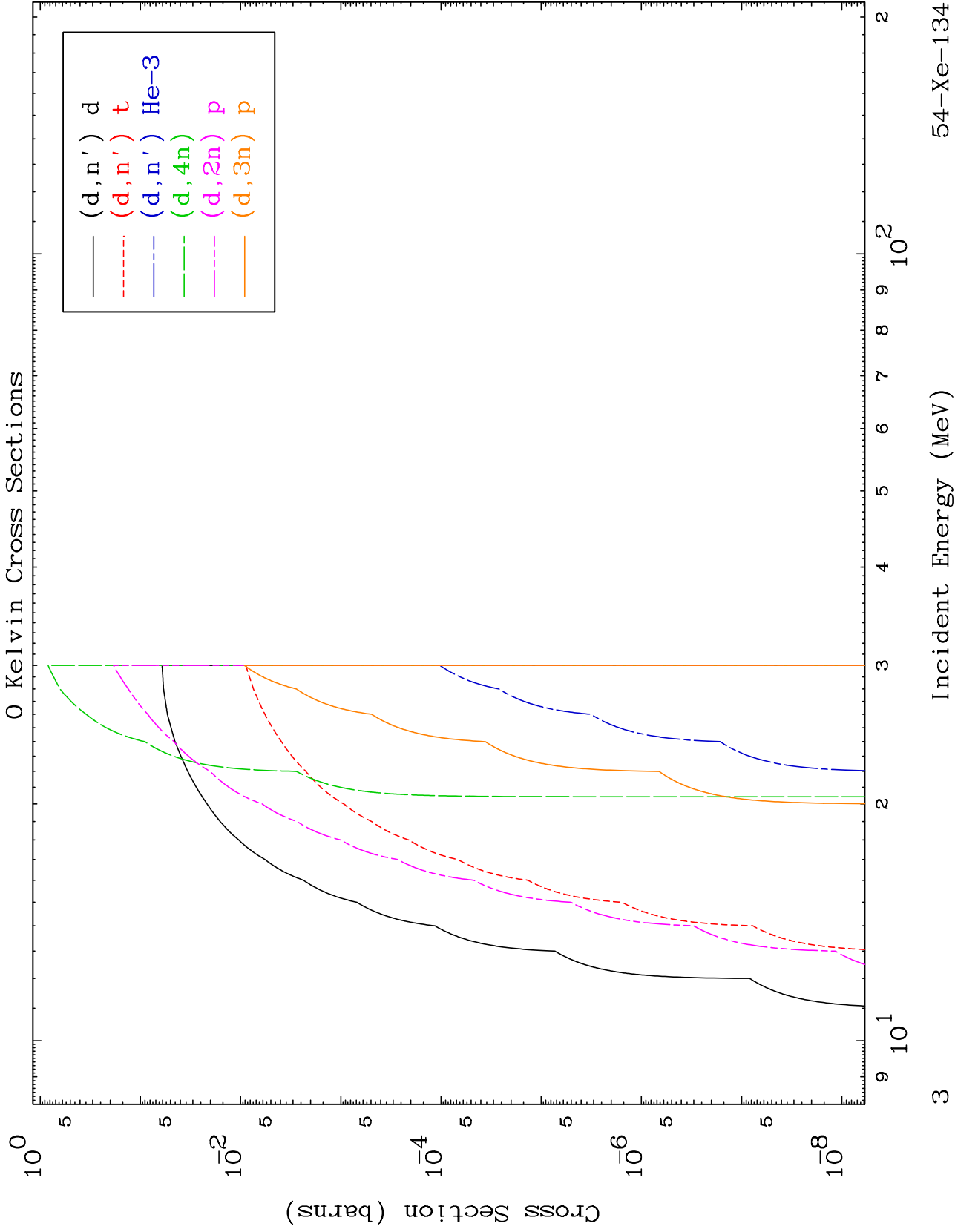
Deuteron Major
0 Kelvin Cross Sections

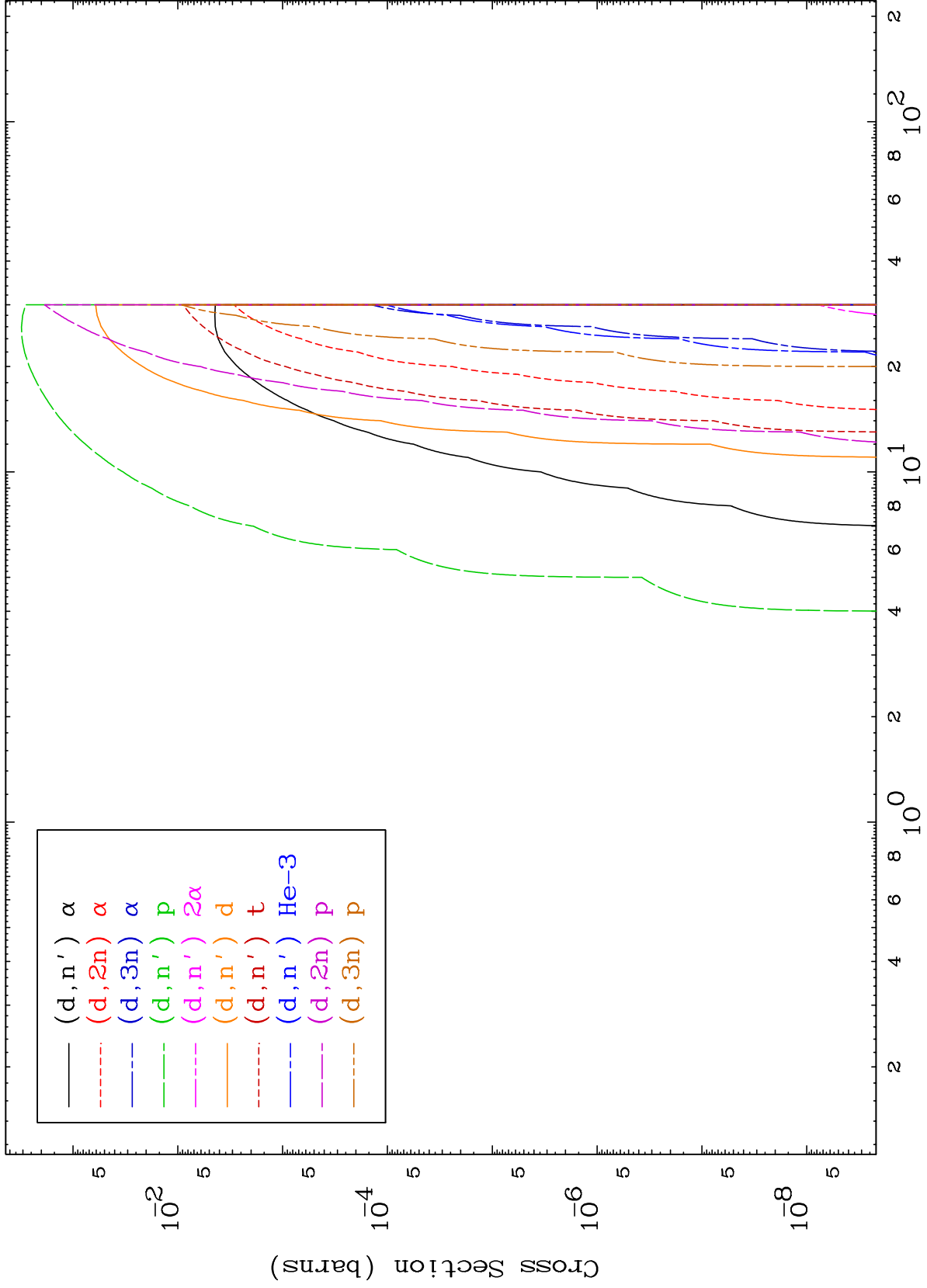
54-Xe-134

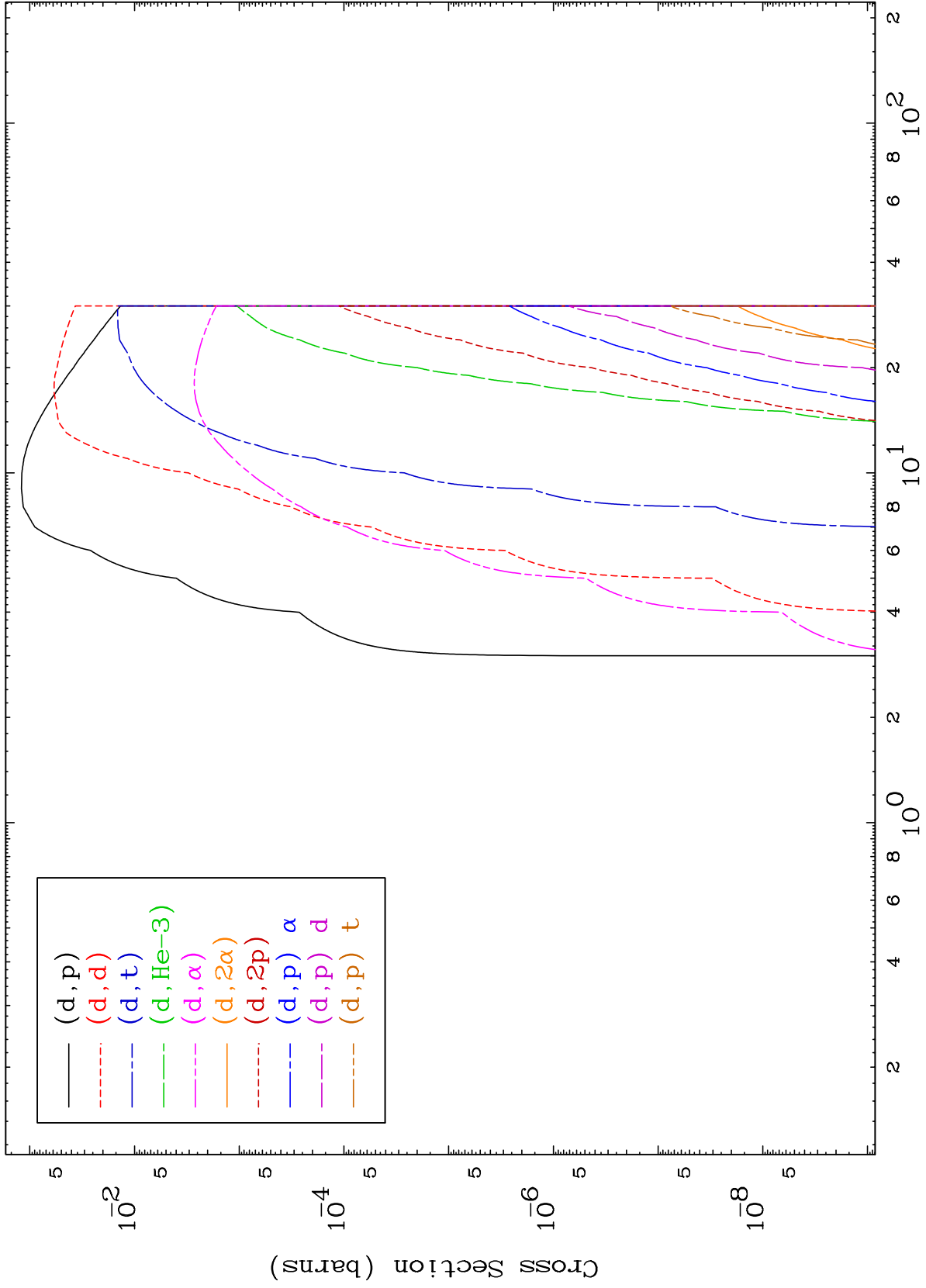


— Deuteron Inelastic
- - - (d, remainder)
- . - (d, γ)





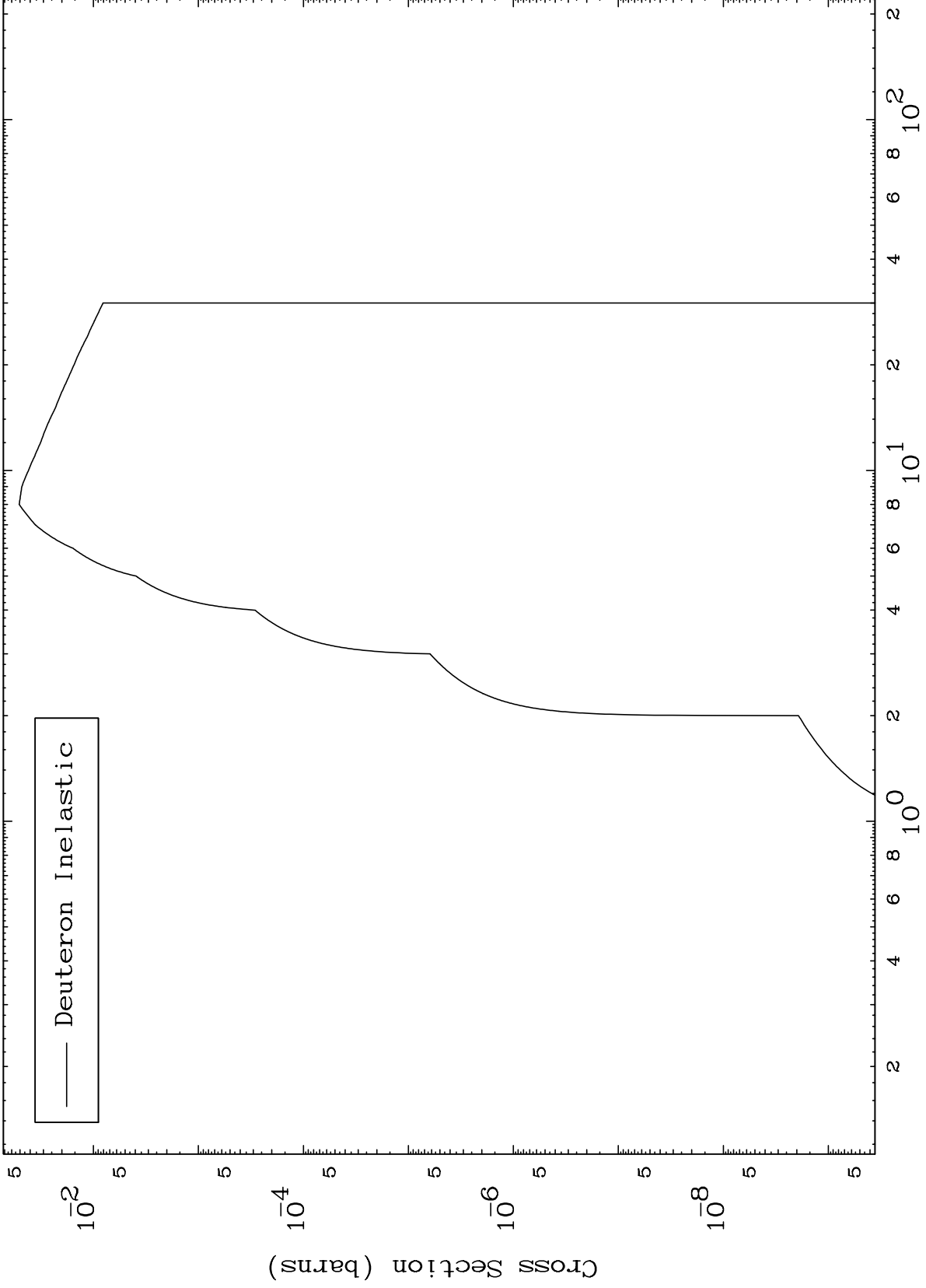




MAT 5455

54-Xe-134

(d,n') Level
0 Kelvin Cross Sections



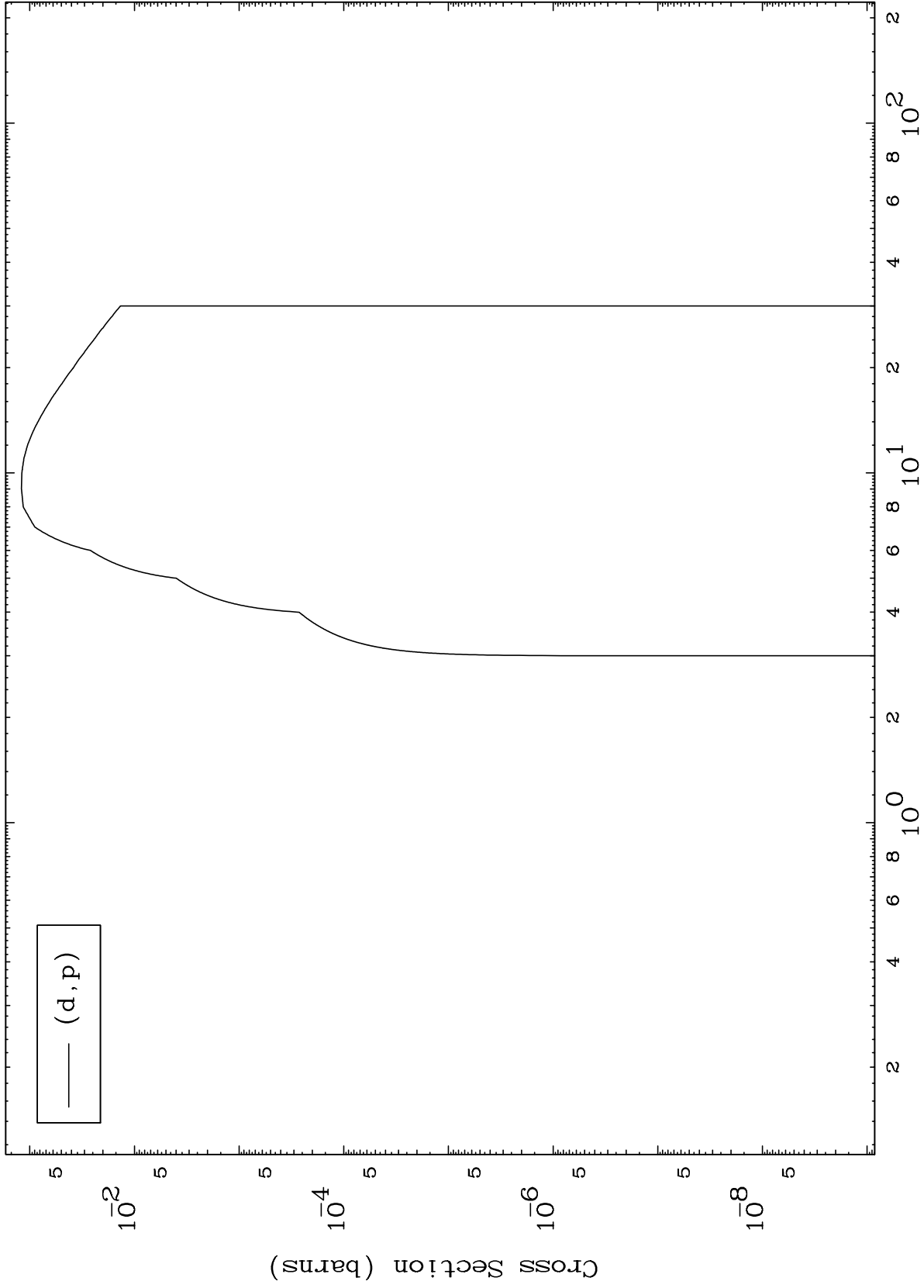
6

54-Xe-134

MAT 5455

54-Xe-134

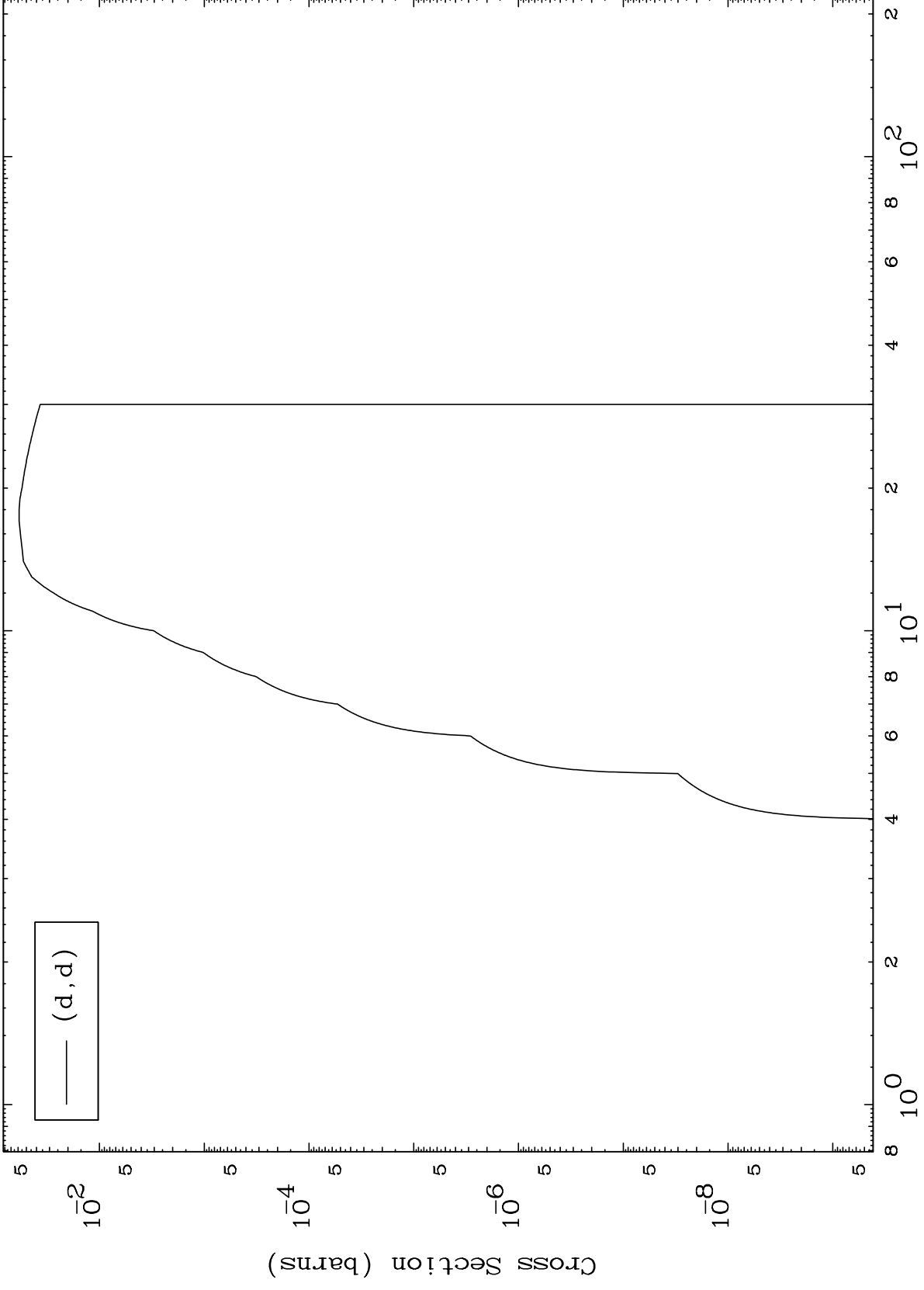
(d,p) Levels
0 Kelvin Cross Sections



MAT 5455

(d,d) Levels
0 Kelvin Cross Sections

54-Xe-134



Incident Energy (MeV)

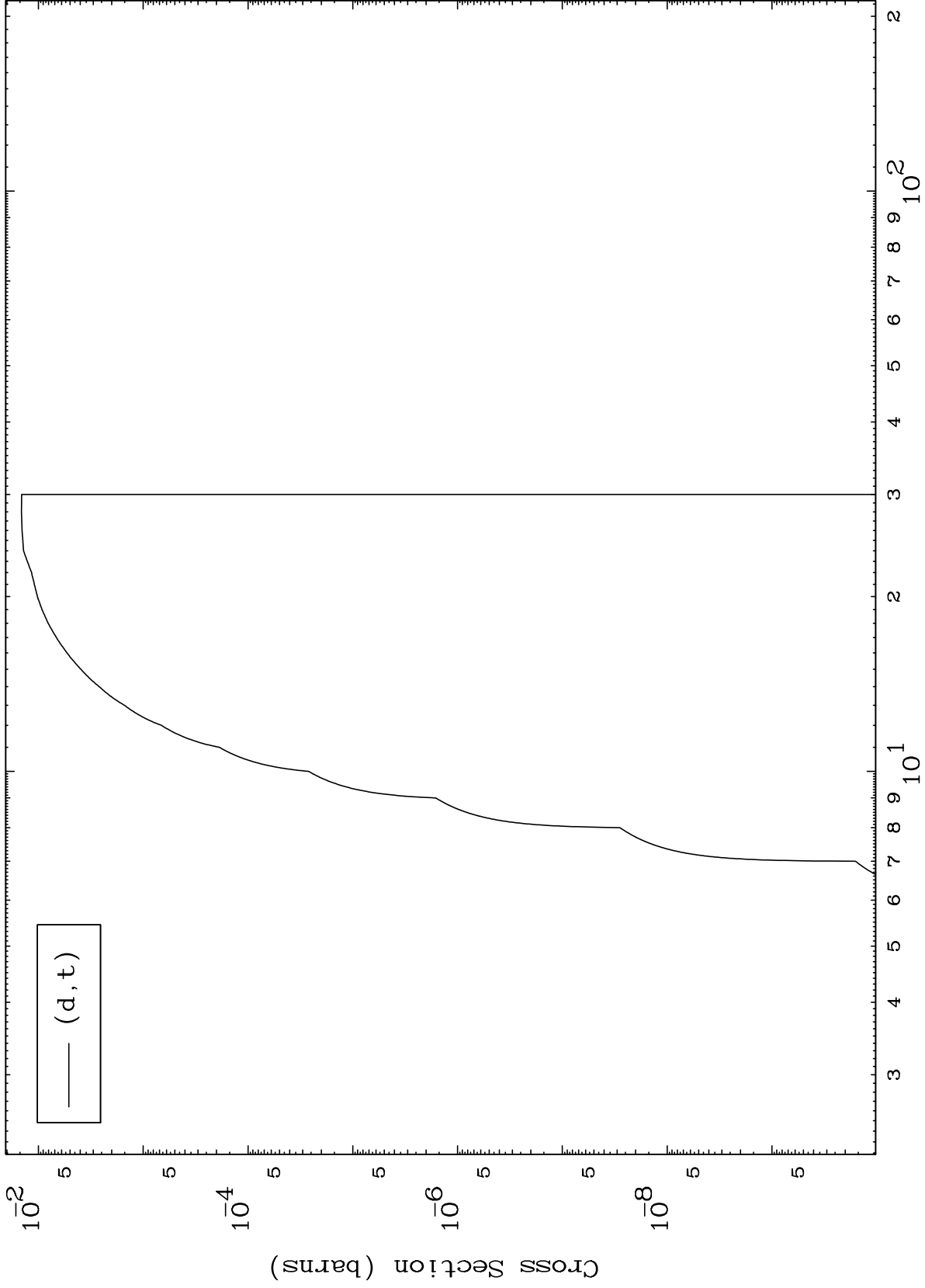
54-Xe-134

MAT 5455

(d,t) Levels

54-Xe-134

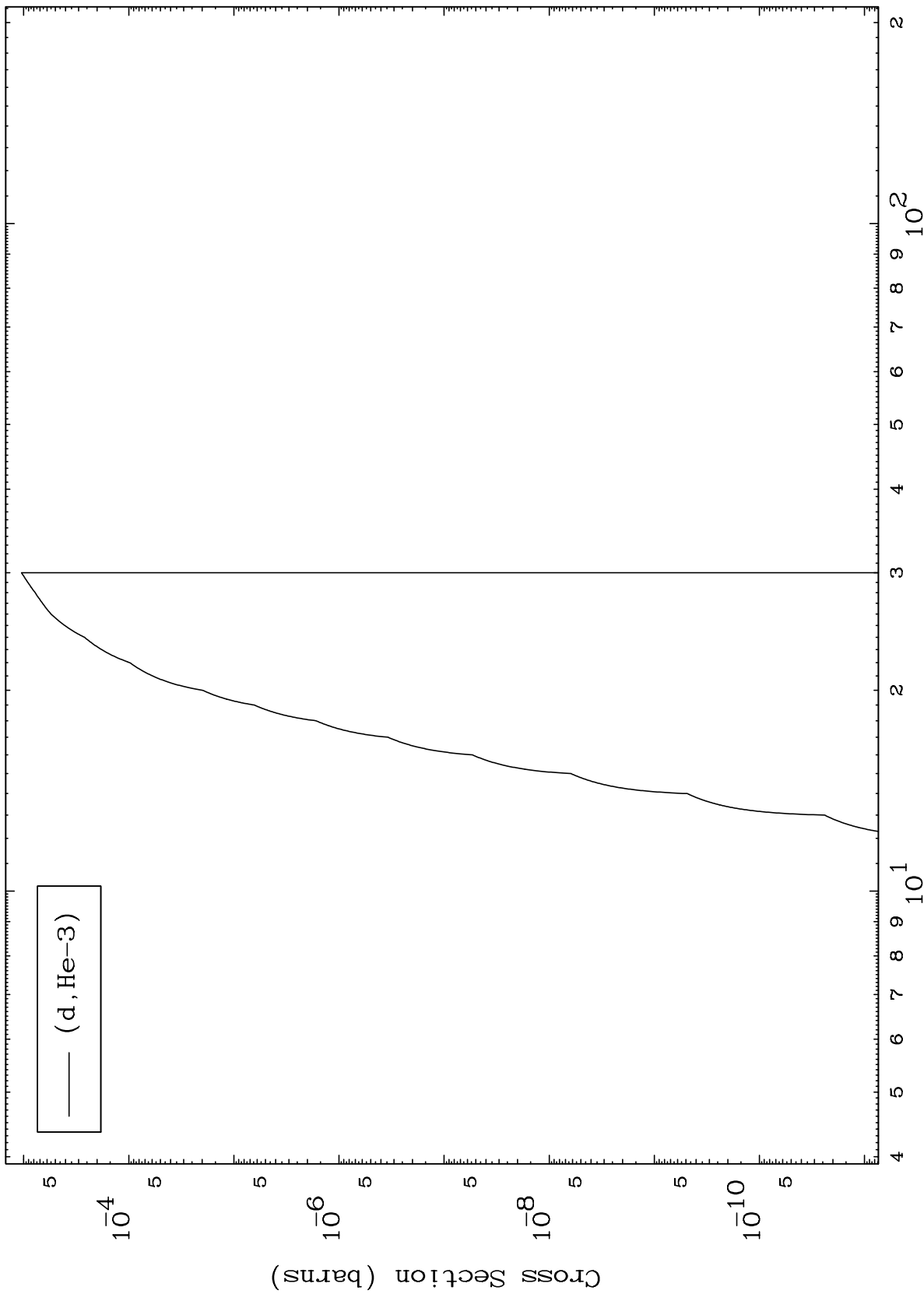
0 Kelvin Cross Sections



MAT 5455

54-Xe-134

(d,He3) Levels
0 Kelvin Cross Sections



54-Xe-134

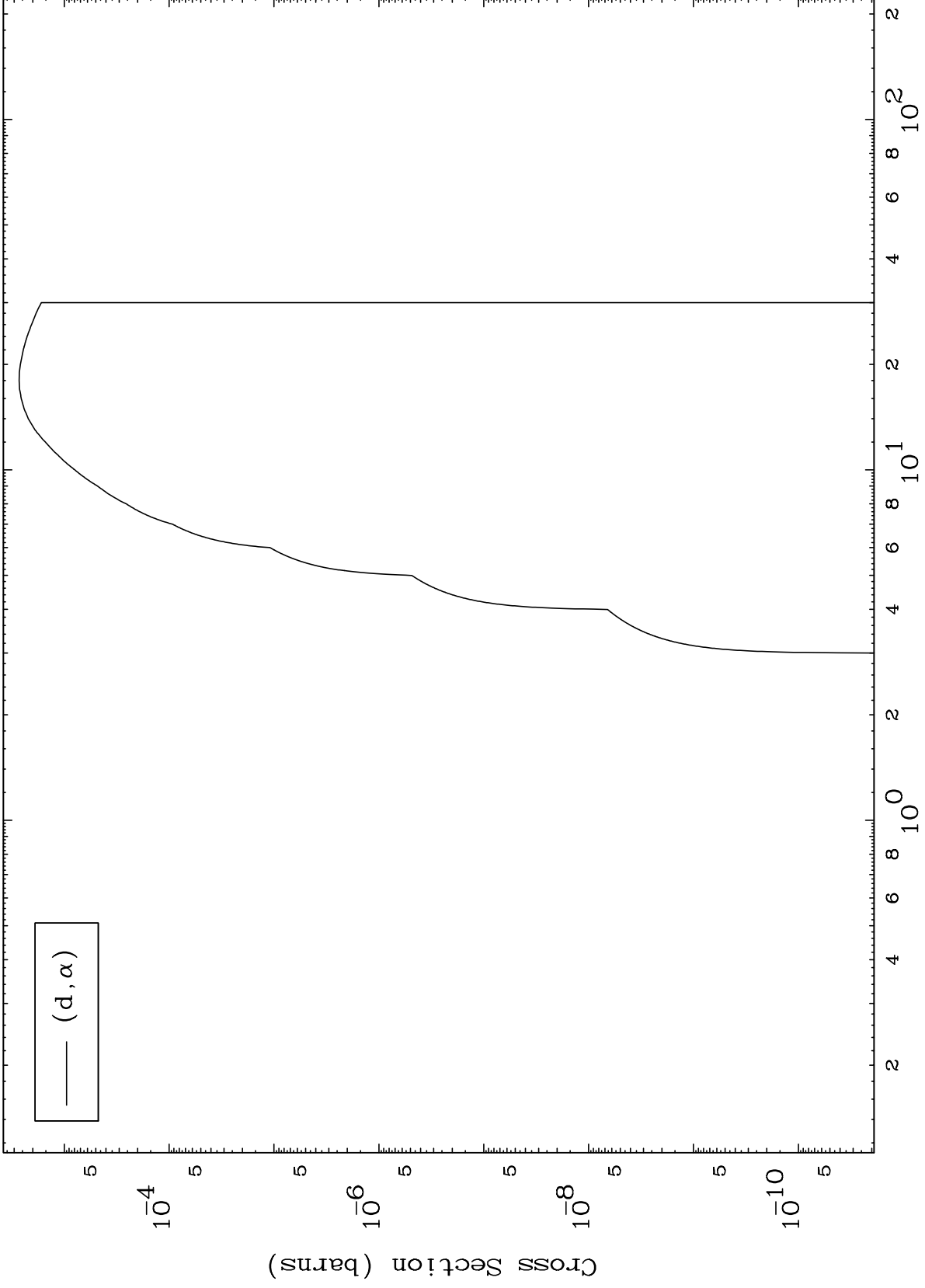
Incident Energy (MeV)

10

MAT 5455

54-Xe-134

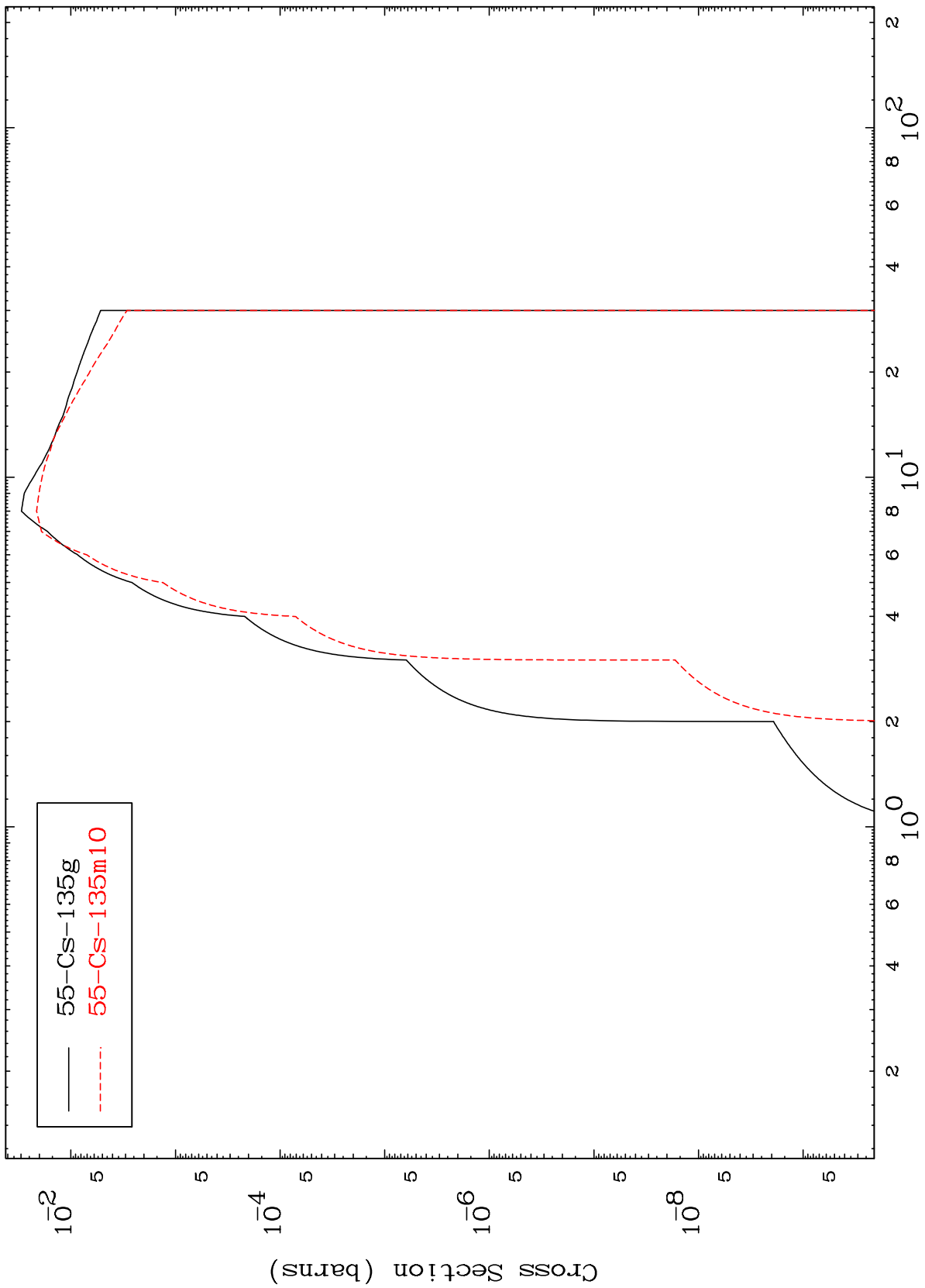
(d, α) Levels
0 Kelvin Cross Sections



MAT 5455

Radionuclide Production Cross Section
Deuteron Inelastic

54-Xe-134

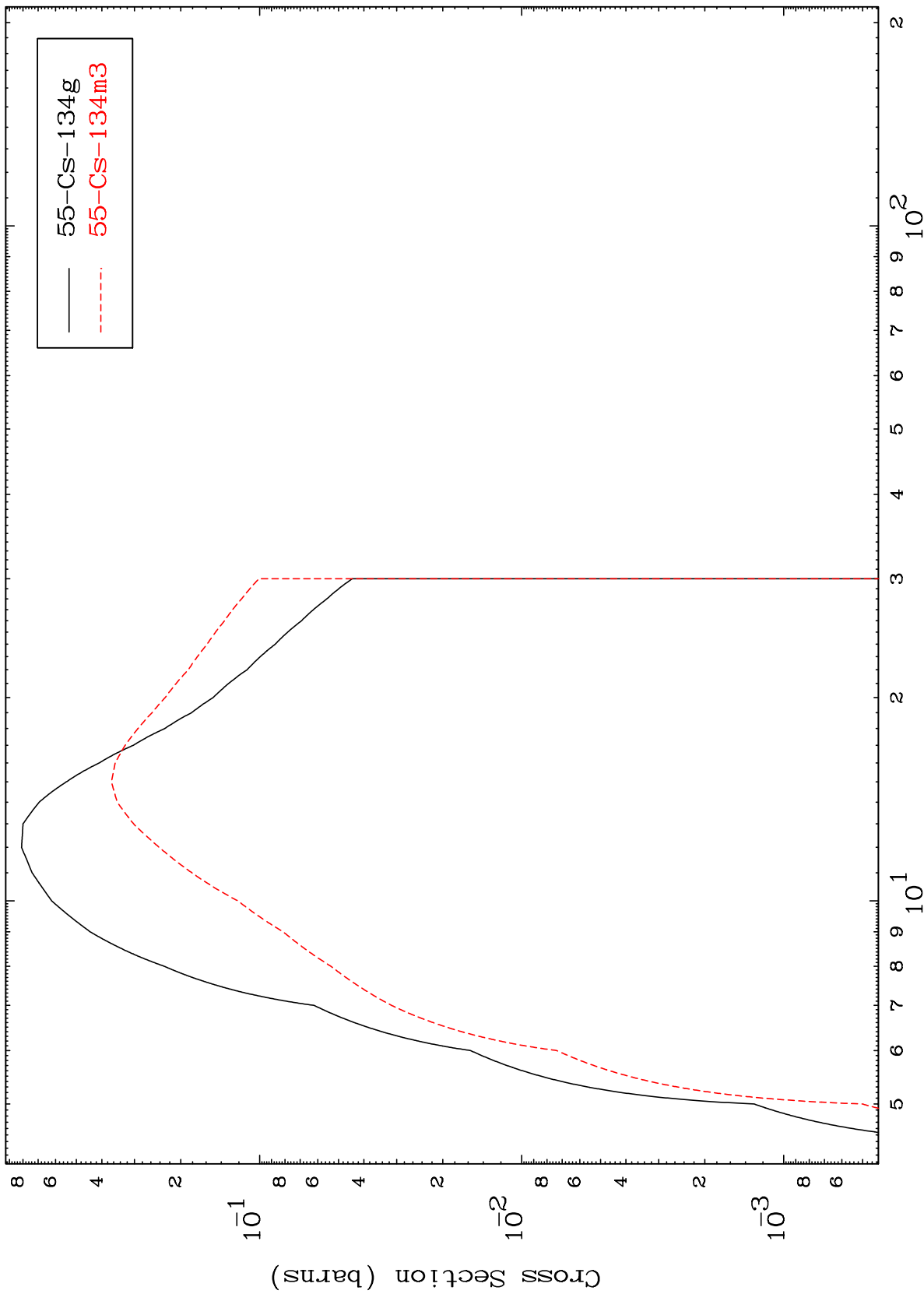


— 55-Cs-135g
- - - 55-Cs-135m10

MAT 5455

54-Xe-134

(d,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

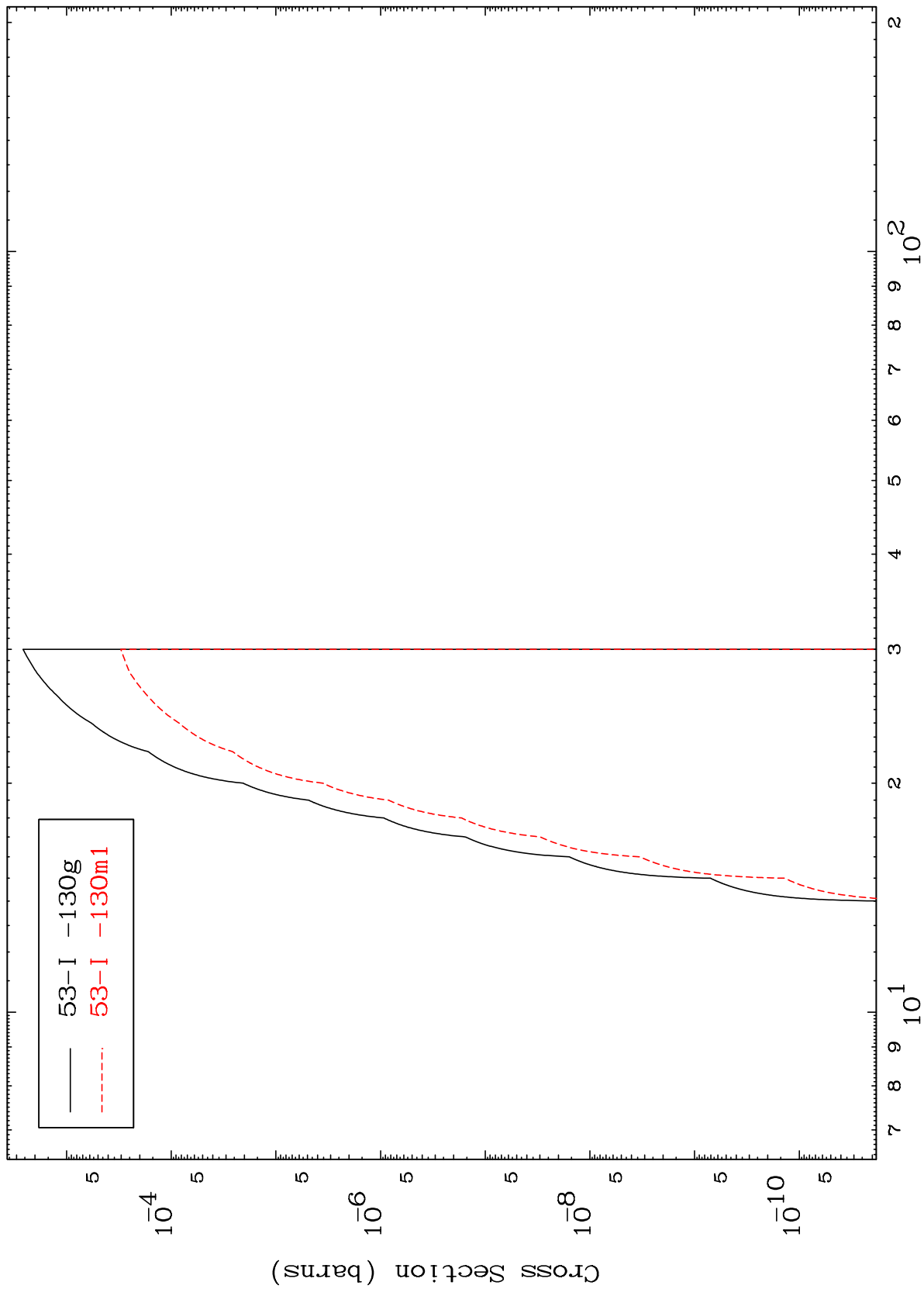
54-Xe-134

MAT 5455

(d,2n) α

54-Xe-134

Radionuclide Production Cross Section



14

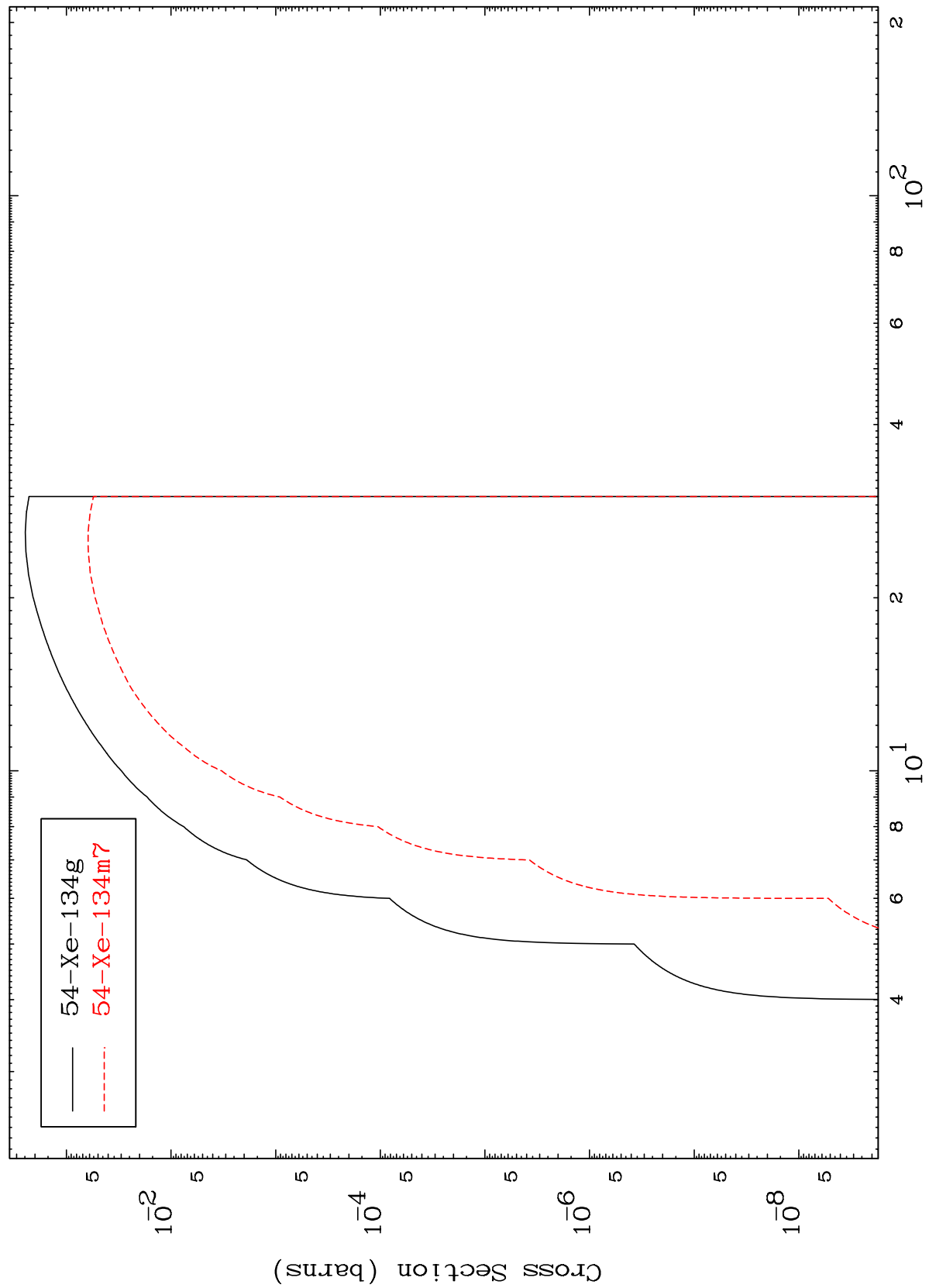
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(d,n') p
Radionuclide Production Cross Section



15

54-Xe-134

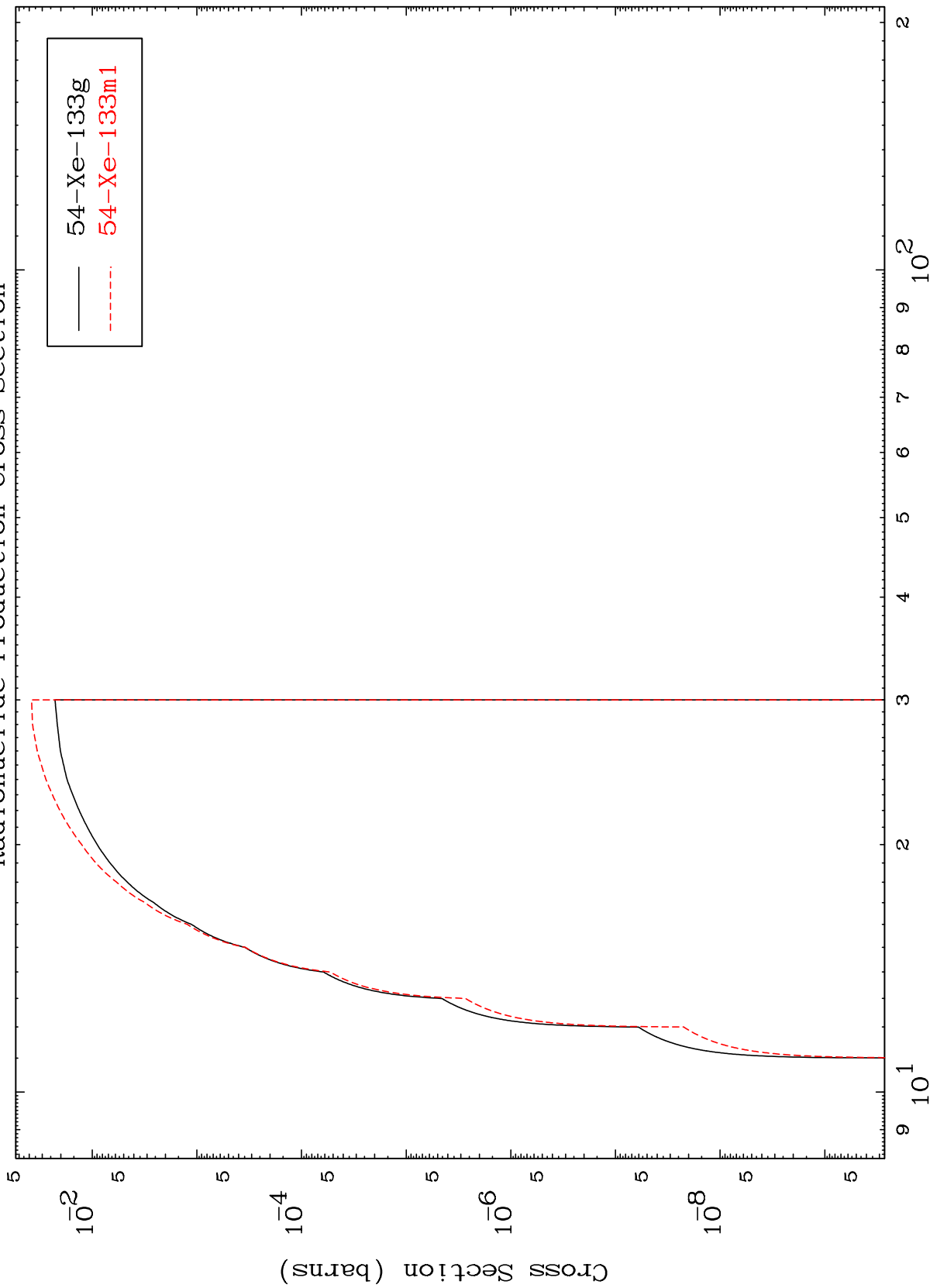
Incident Energy (MeV)

MAT 5455

(d,n') d

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

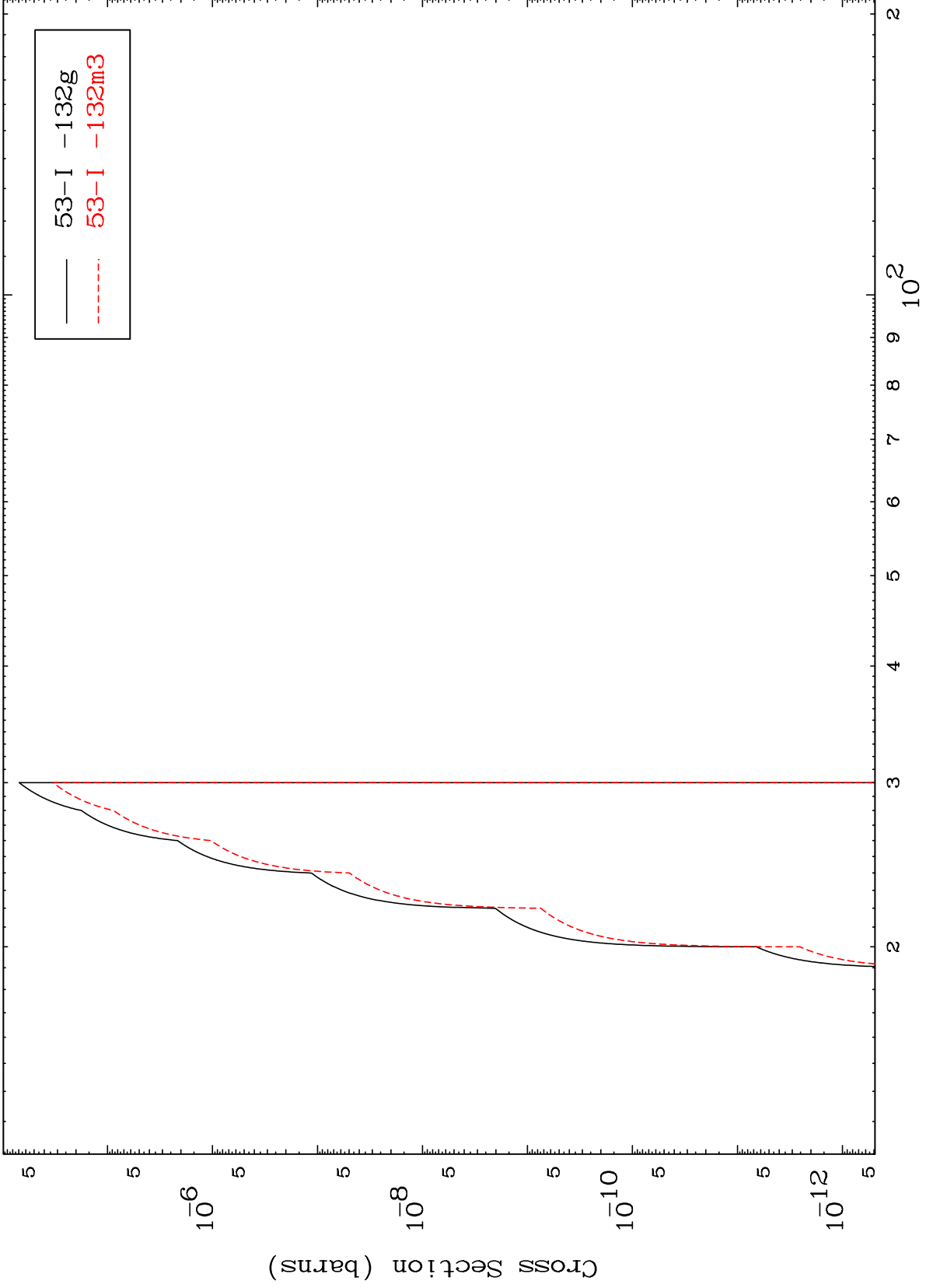
54-Xe-134

MAT 5455

(d,n') He-3

54-Xe-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

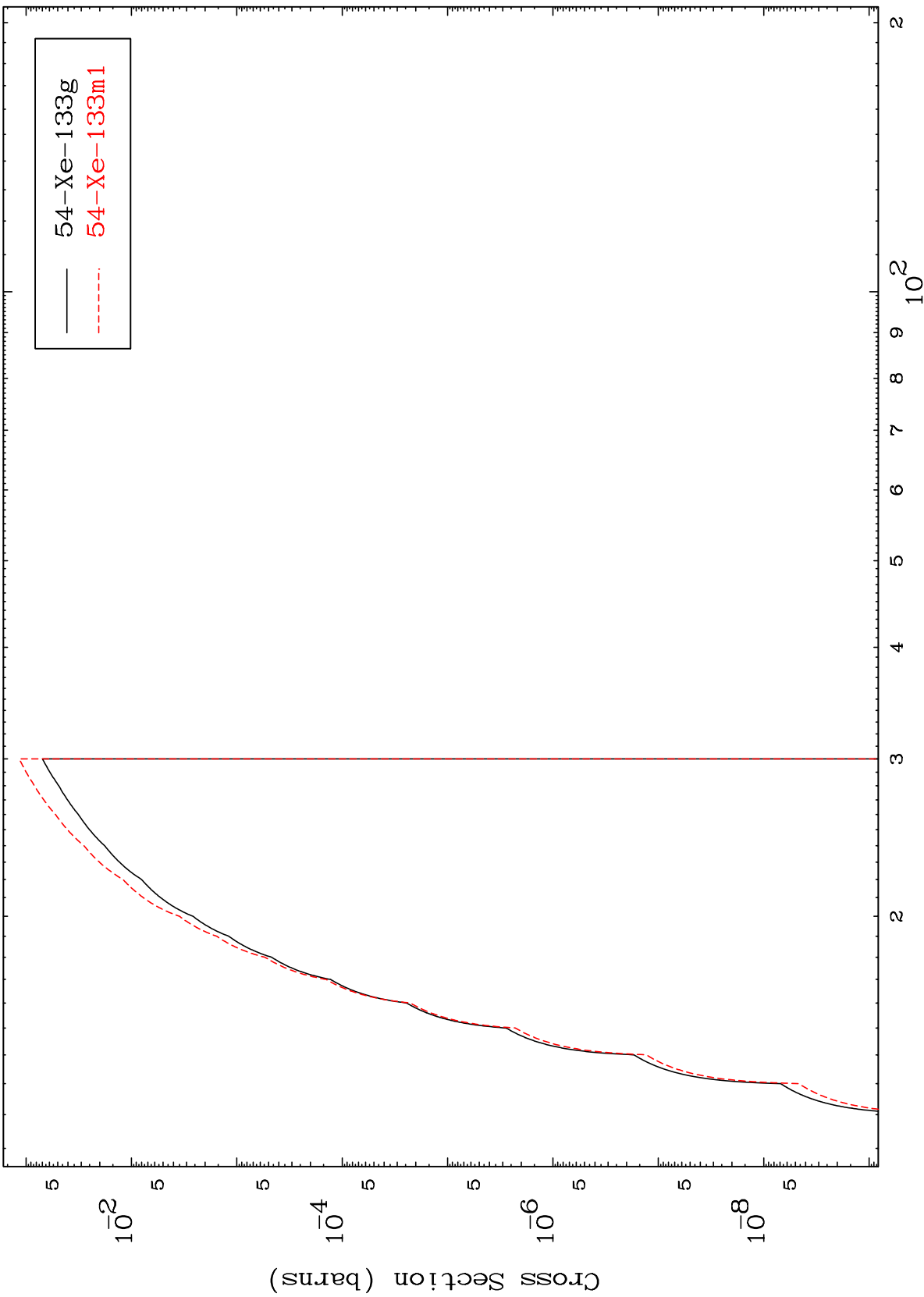
54-Xe-134

MAT 5455

(d,2n) p

54-Xe-134

Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

18

Incident Energy (MeV)

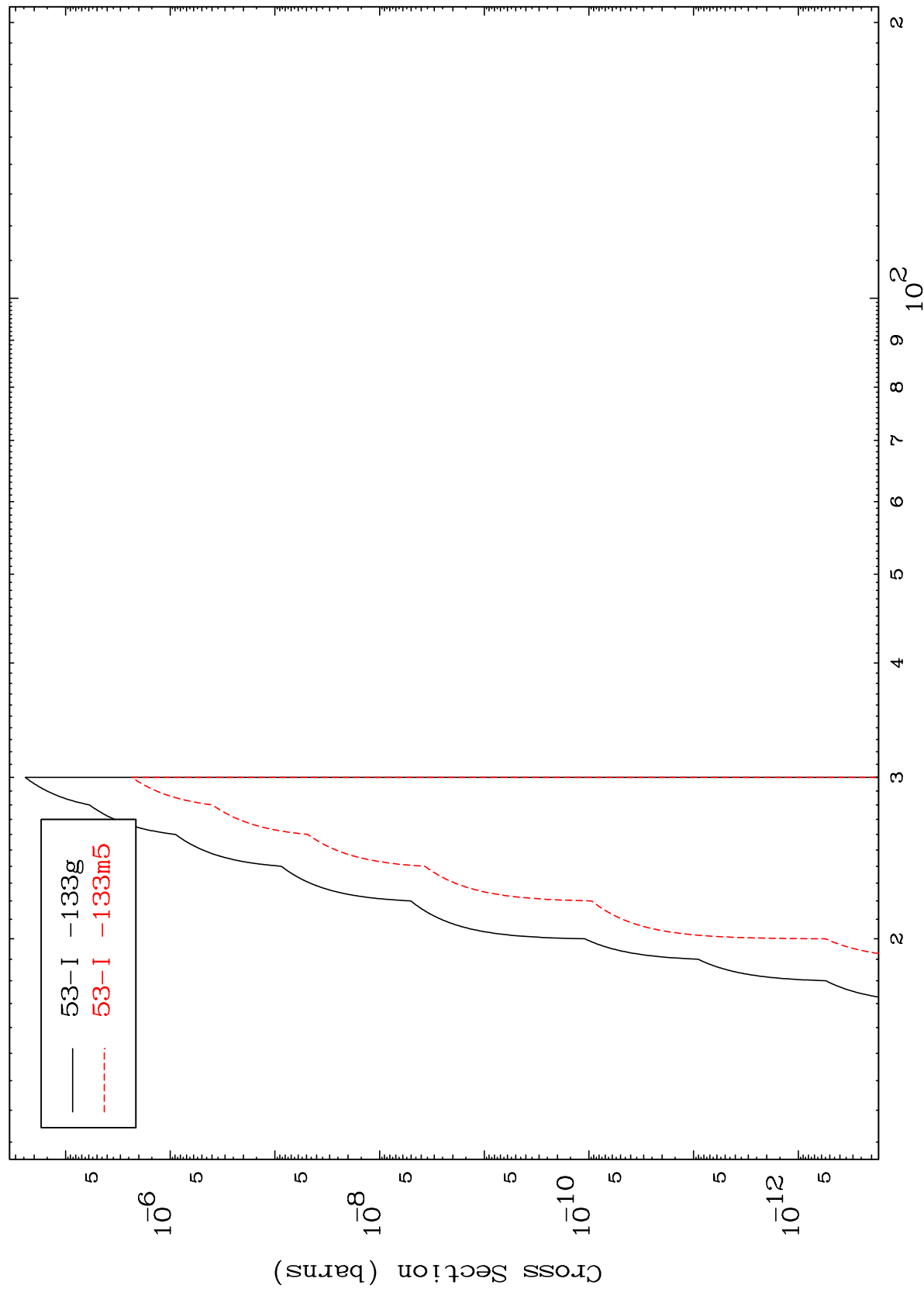
54-Xe-134

MAT 5455

(d,2n) p

54-Xe-134

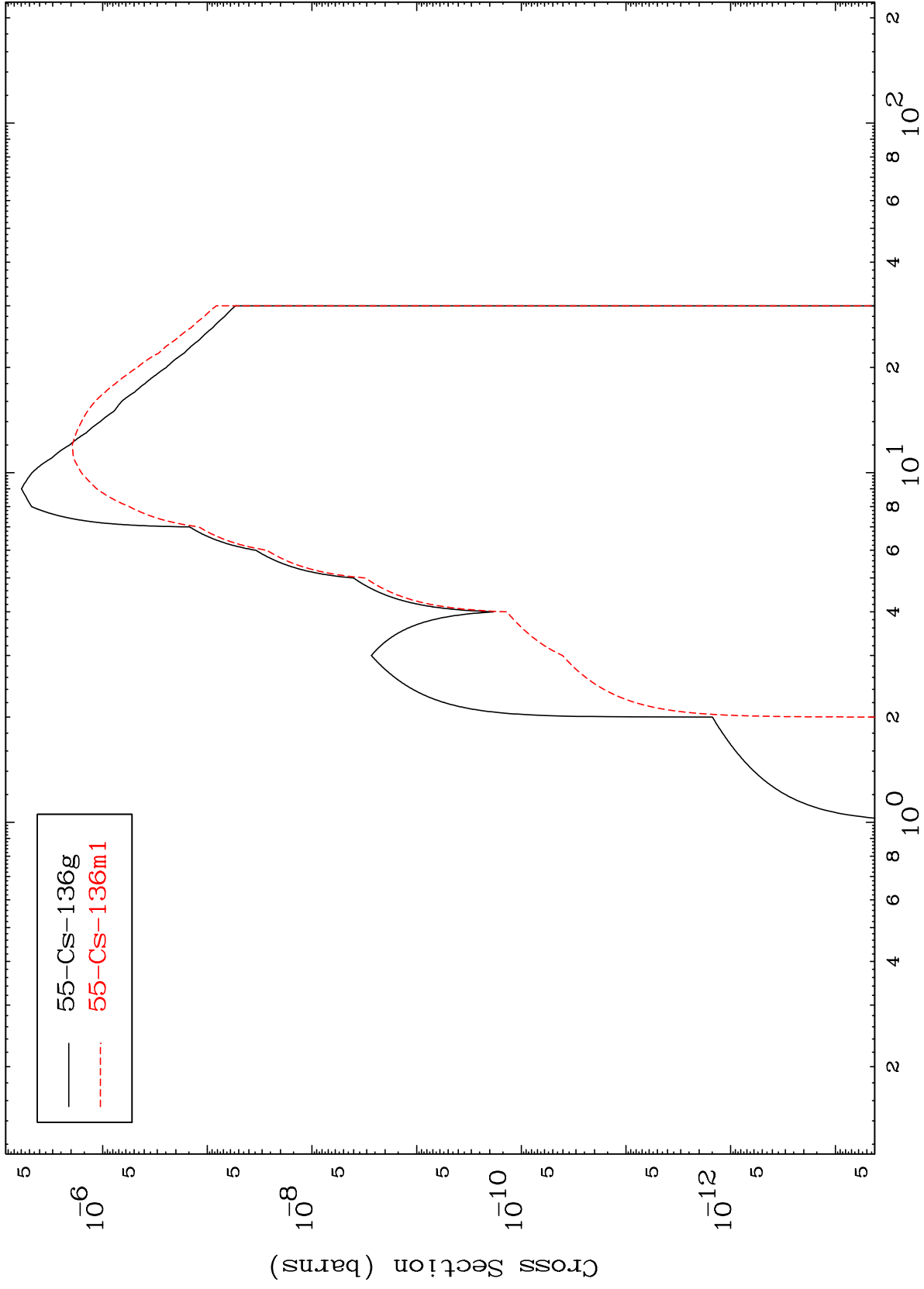
Radionuclide Production Cross Section



MAT 5455

54-Xe-134

(d, γ)
Radionuclide Production Cross Section



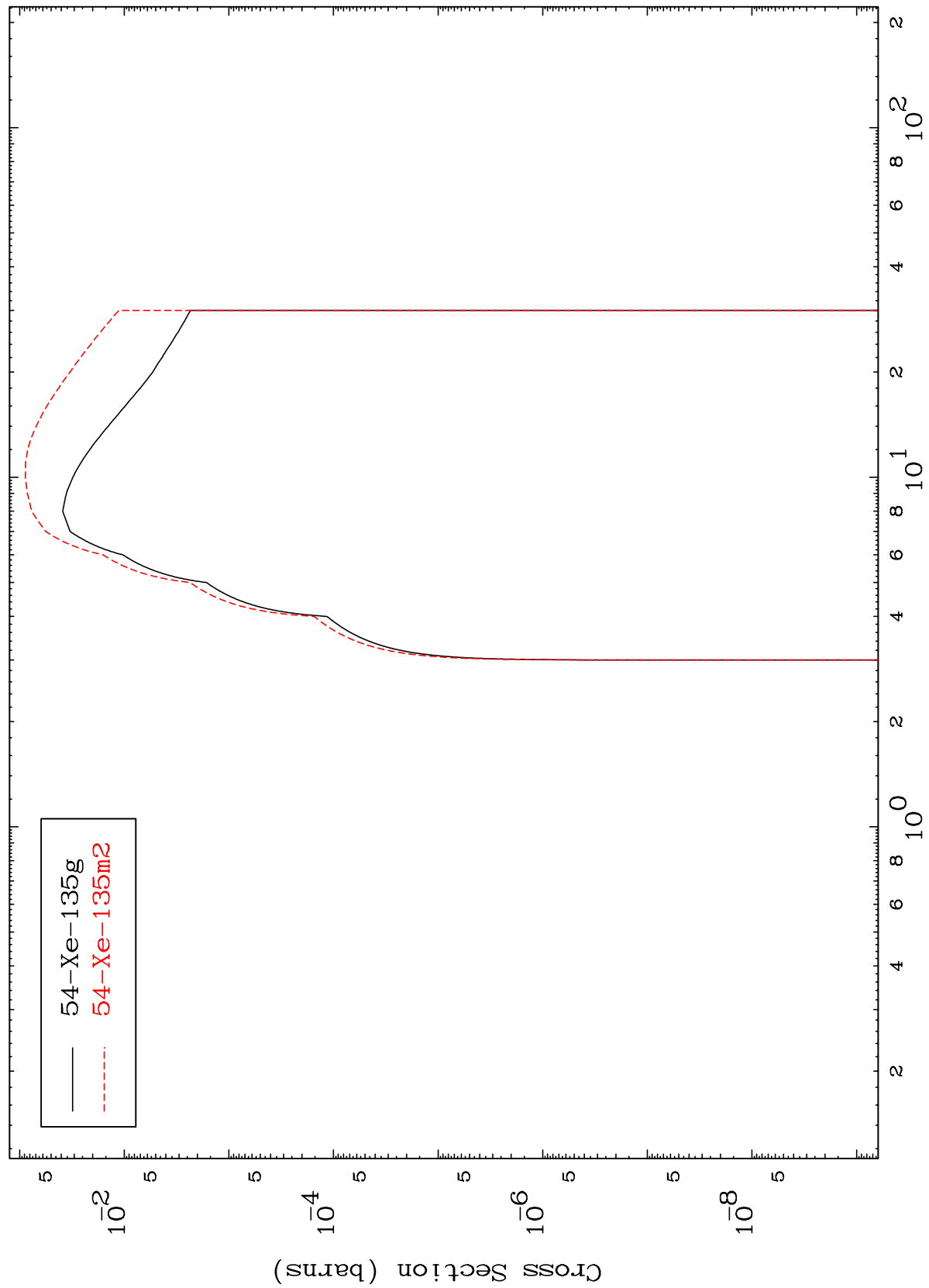
20

54-Xe-134

MAT 5455

54-Xe-134

(d,p)
Radionuclide Production Cross Section

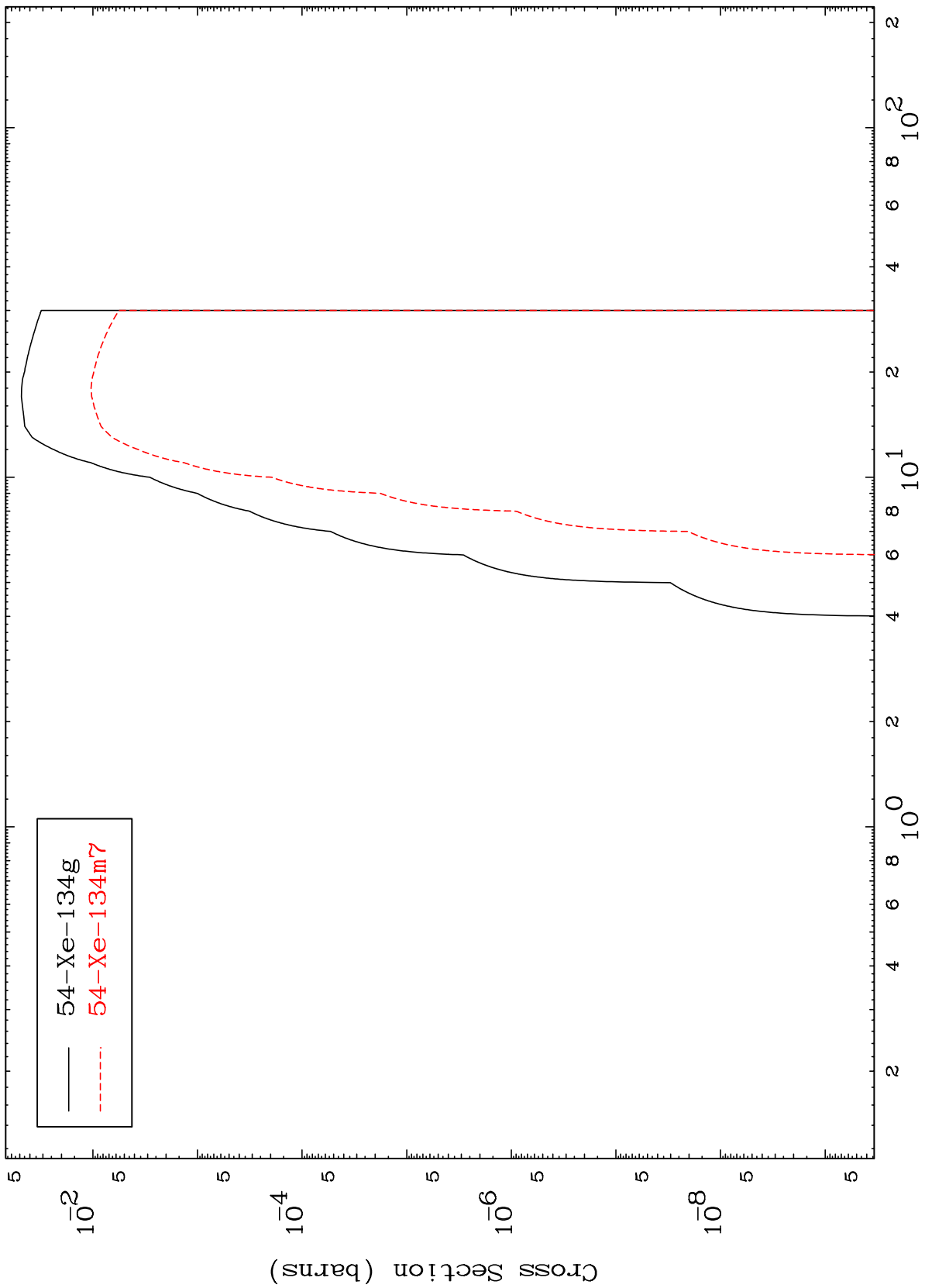


MAT 5455

(d,d)

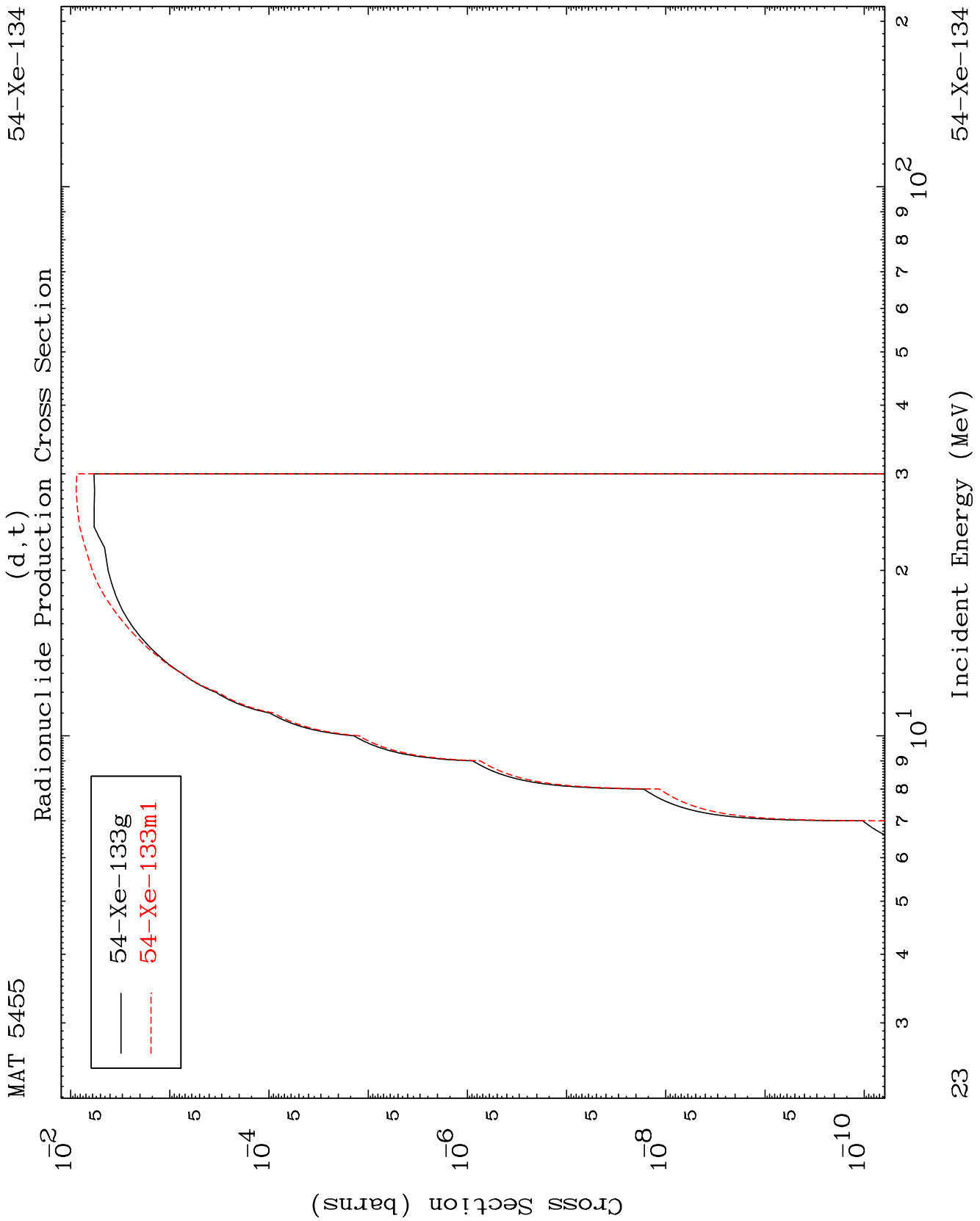
54-Xe-134

Radionuclide Production Cross Section



54-Xe-134

Incident Energy (MeV)

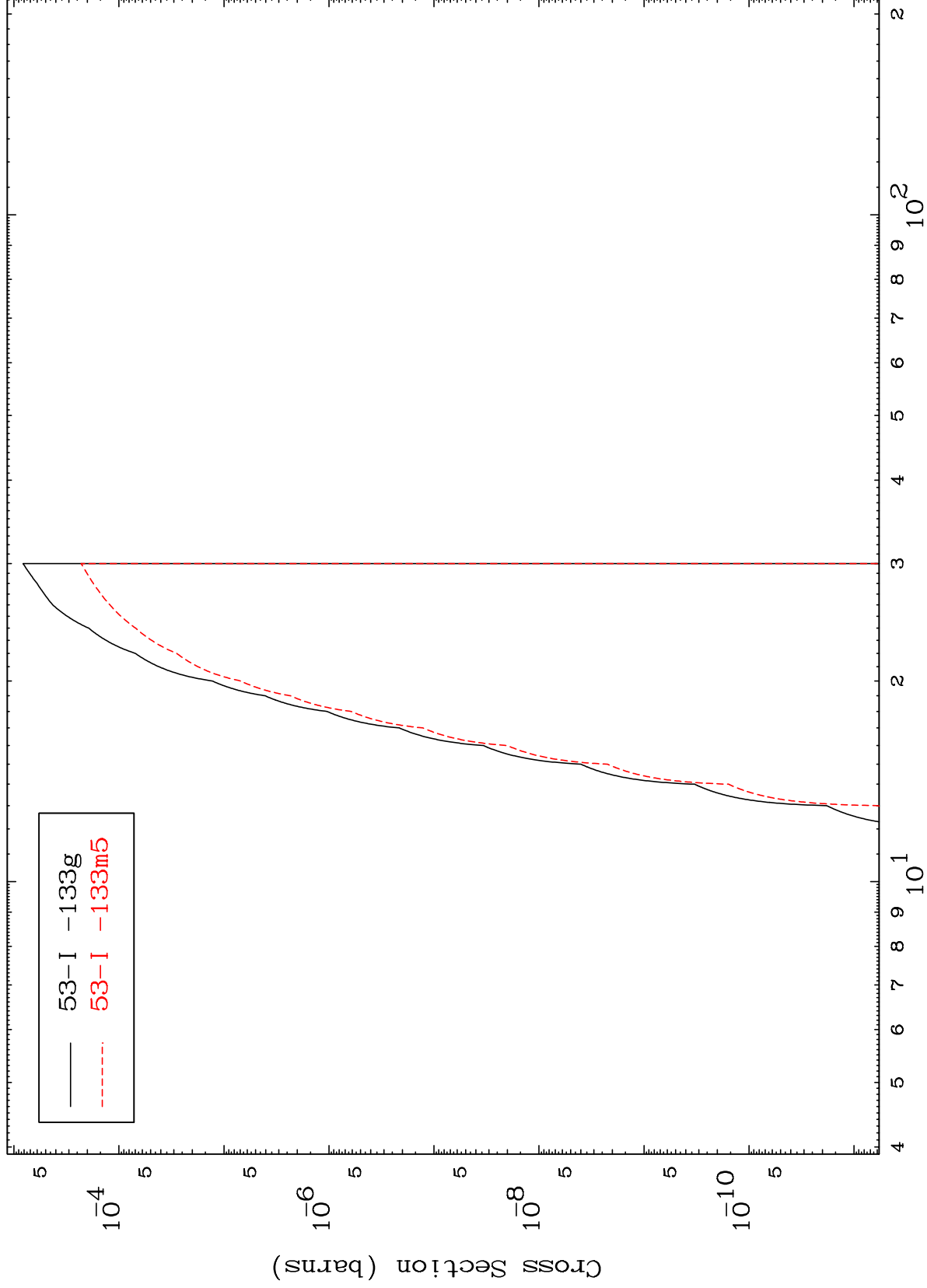


MAT 5455

(d,He-3)

54-Xe-134

Radionuclide Production Cross Section



53-I -133g
53-I -133m5

24

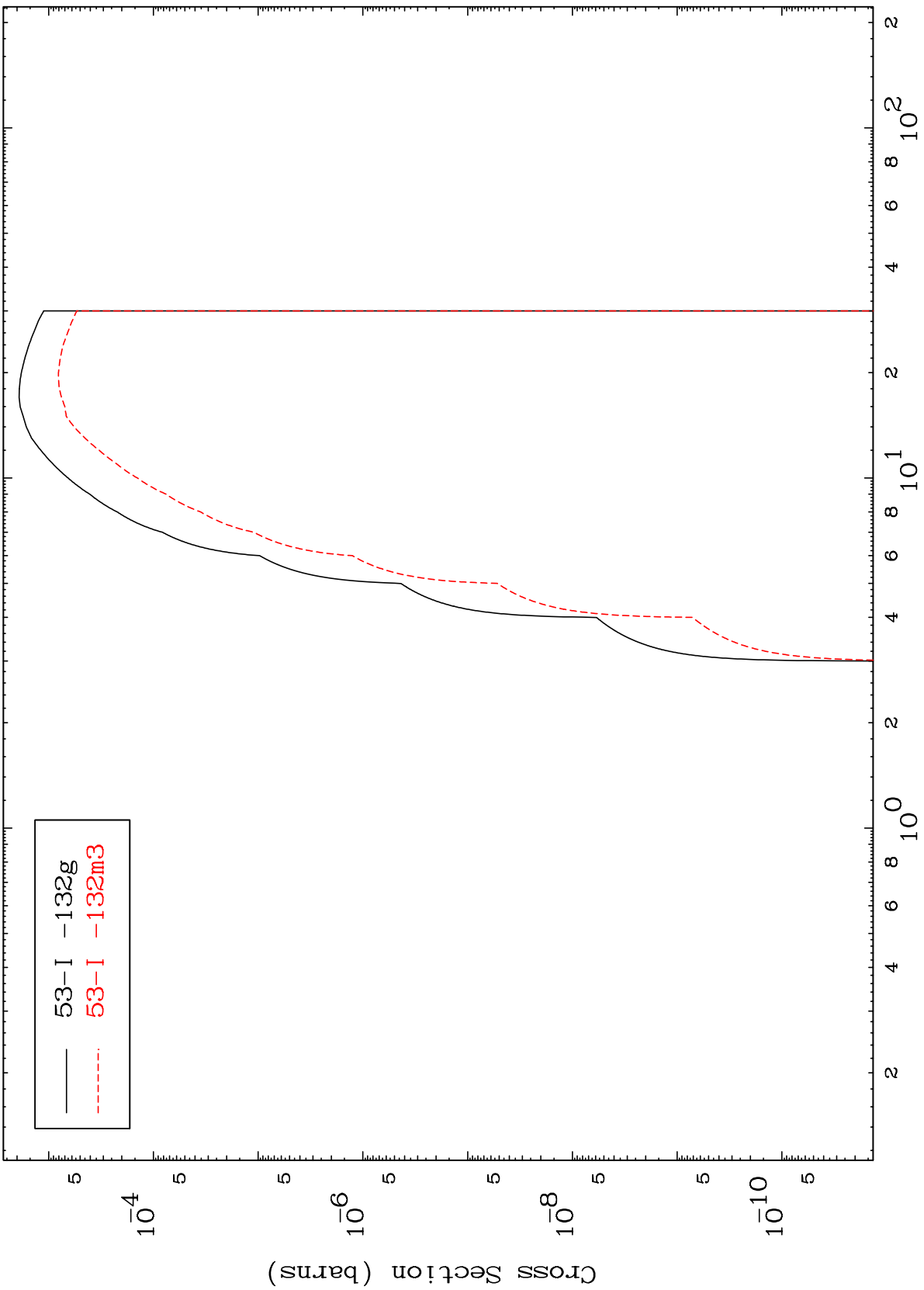
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

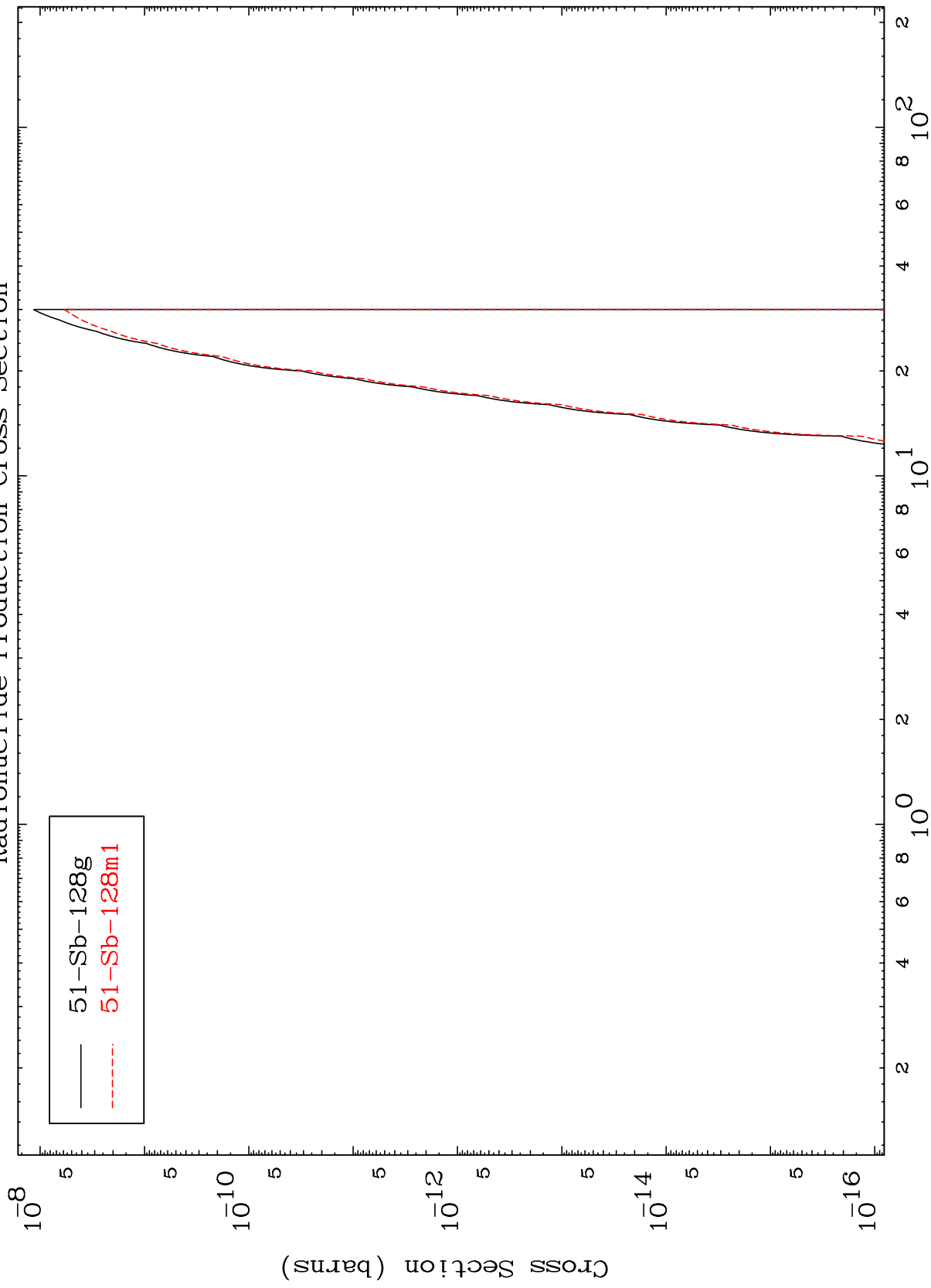
(d, α)
Radionuclide Production Cross Section



MAT 5455

54-Xe-134

Radionuclide Production Cross Section
(d,2 α)



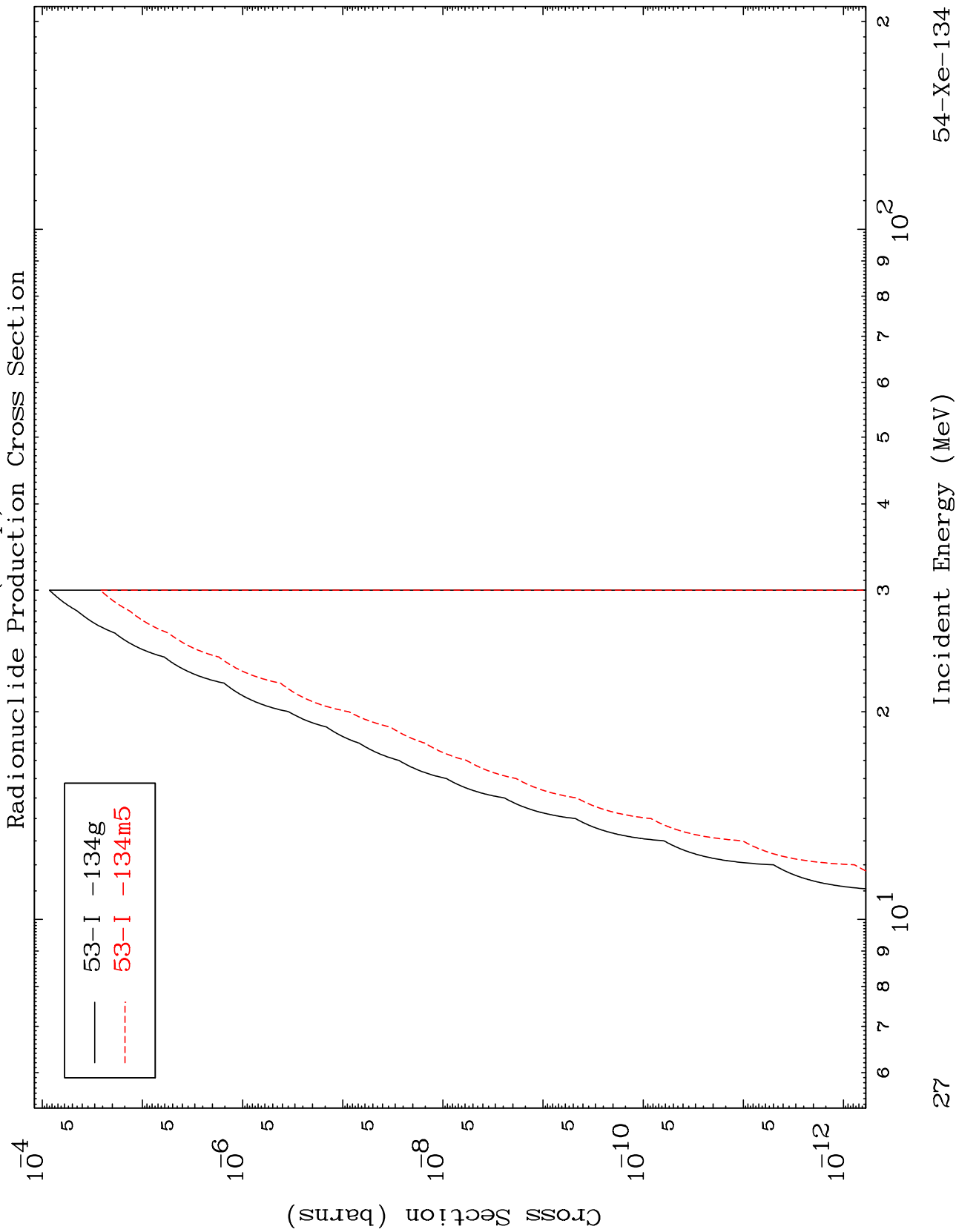
54-Xe-134

Incident Energy (MeV)

26

MAT 5455

54-Xe-134



27

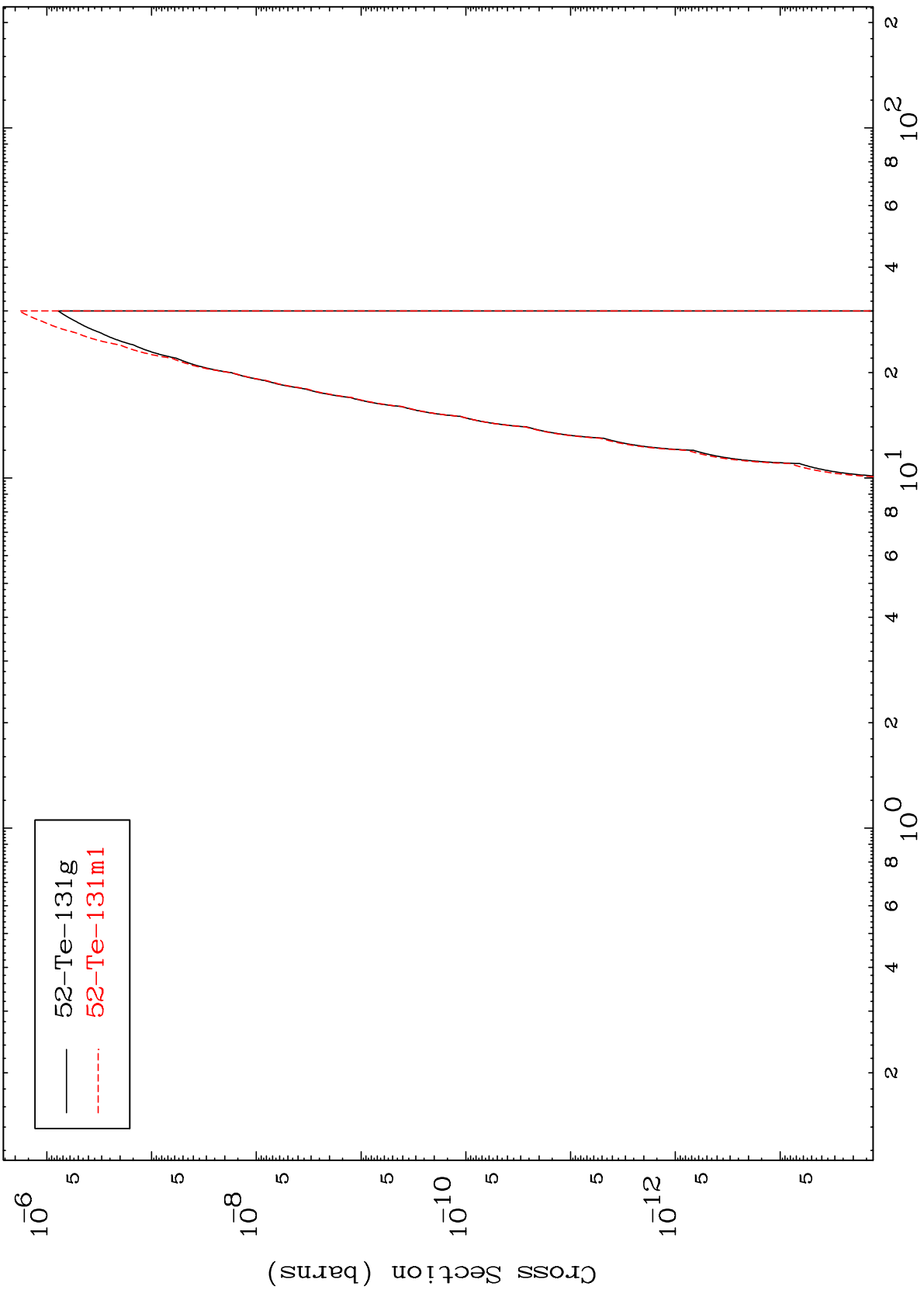
54-Xe-134

MAT 5455

(d,p) α

54-Xe-134

Radionuclide Production Cross Section



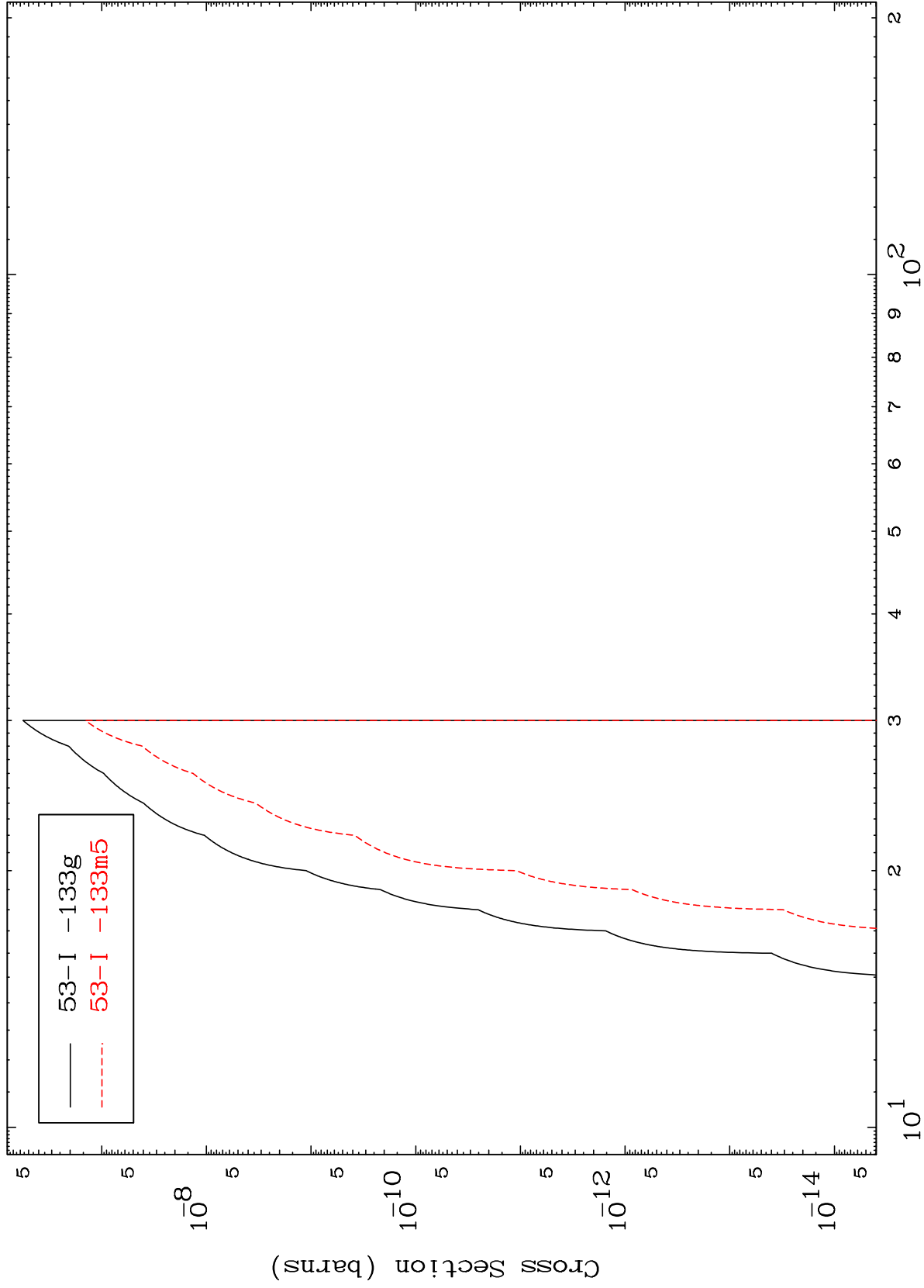
52-Te-131g
52-Te-131m1

MAT 5455

(d,p) d

54-Xe-134

Radionuclide Production Cross Section



29

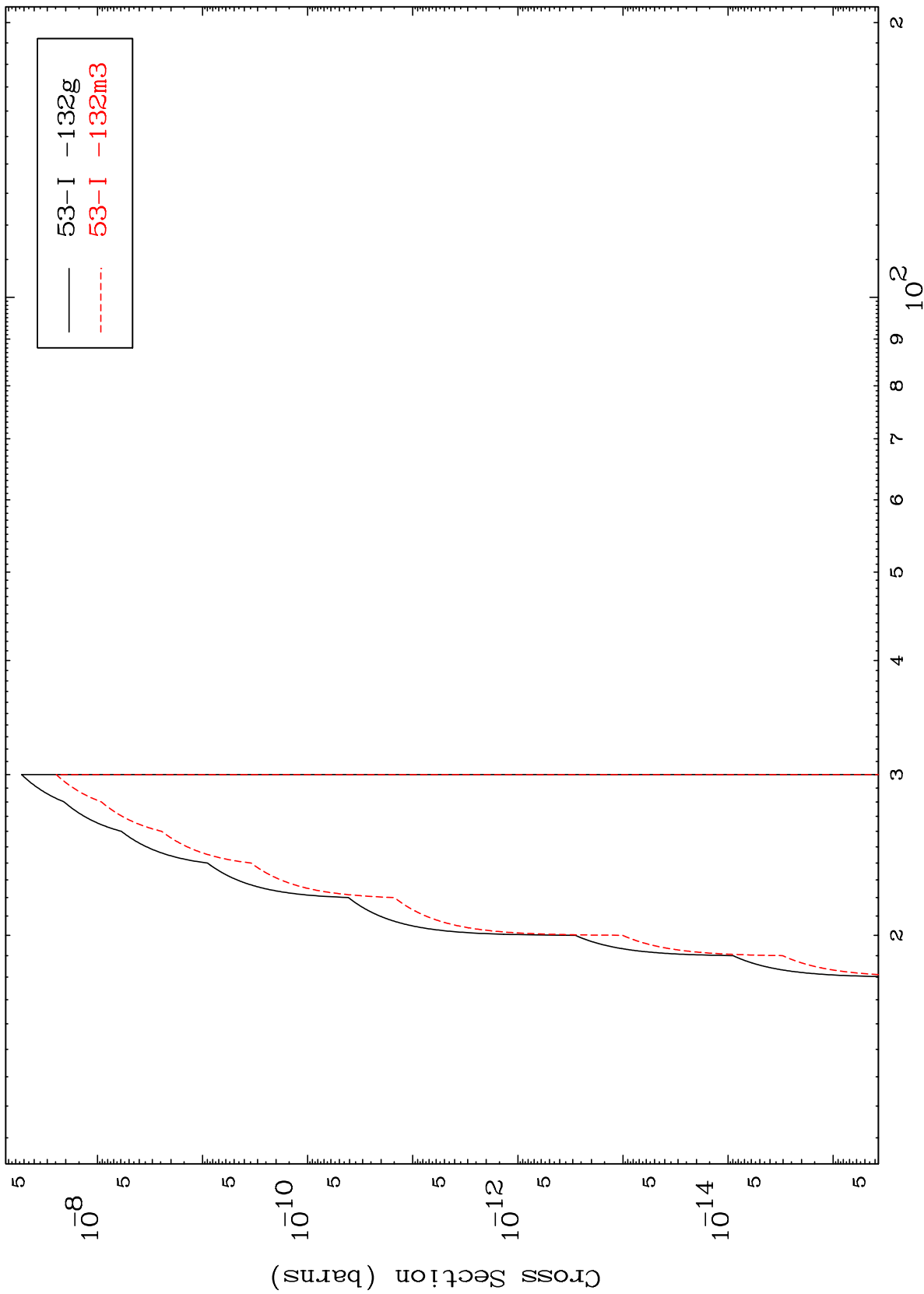
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(d,p) t
Radionuclide Production Cross Section



54-Xe-134

Incident Energy (MeV)

30