

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

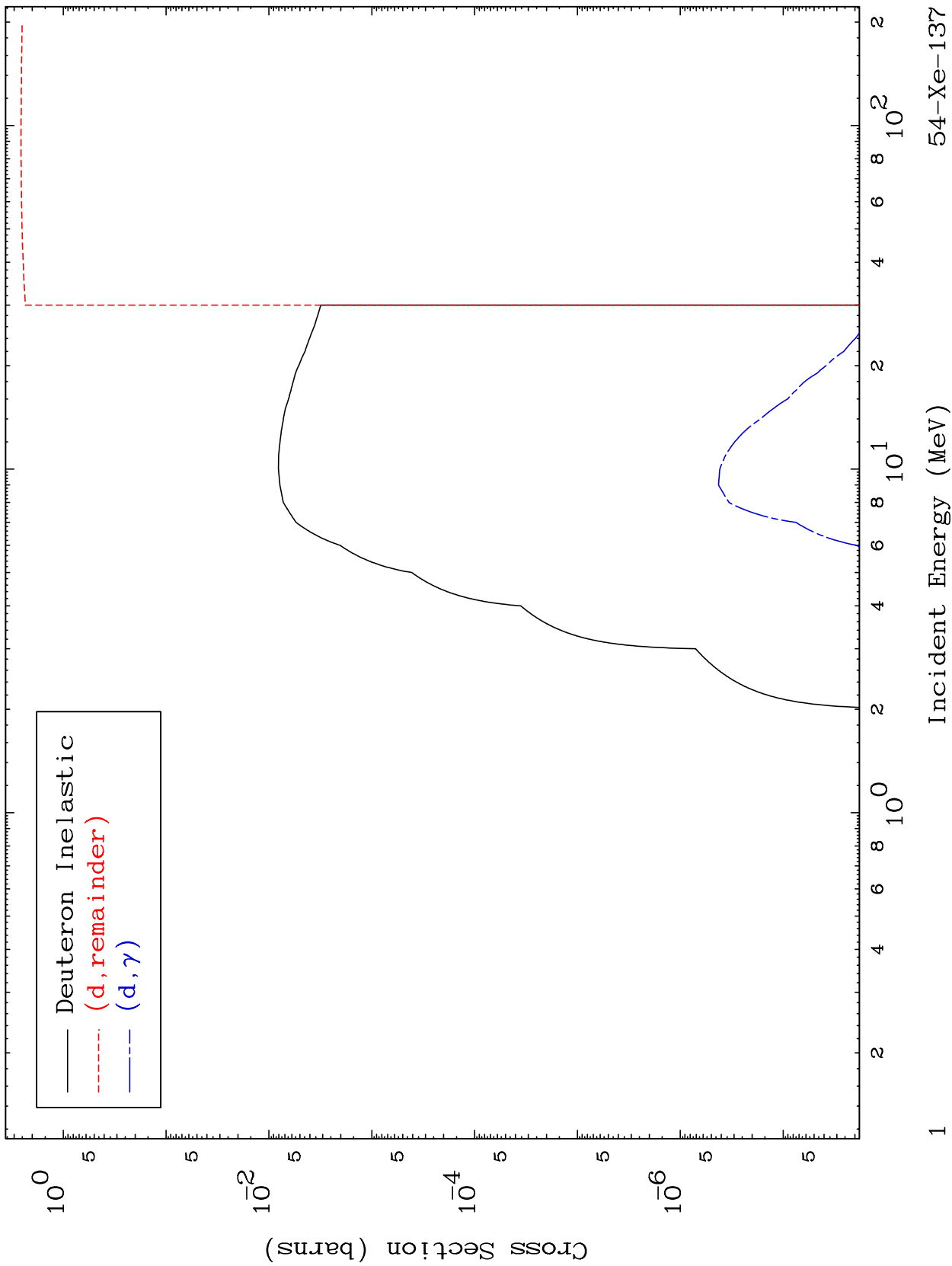
Web:redcullen1.net/HOMEPAGE.NEW

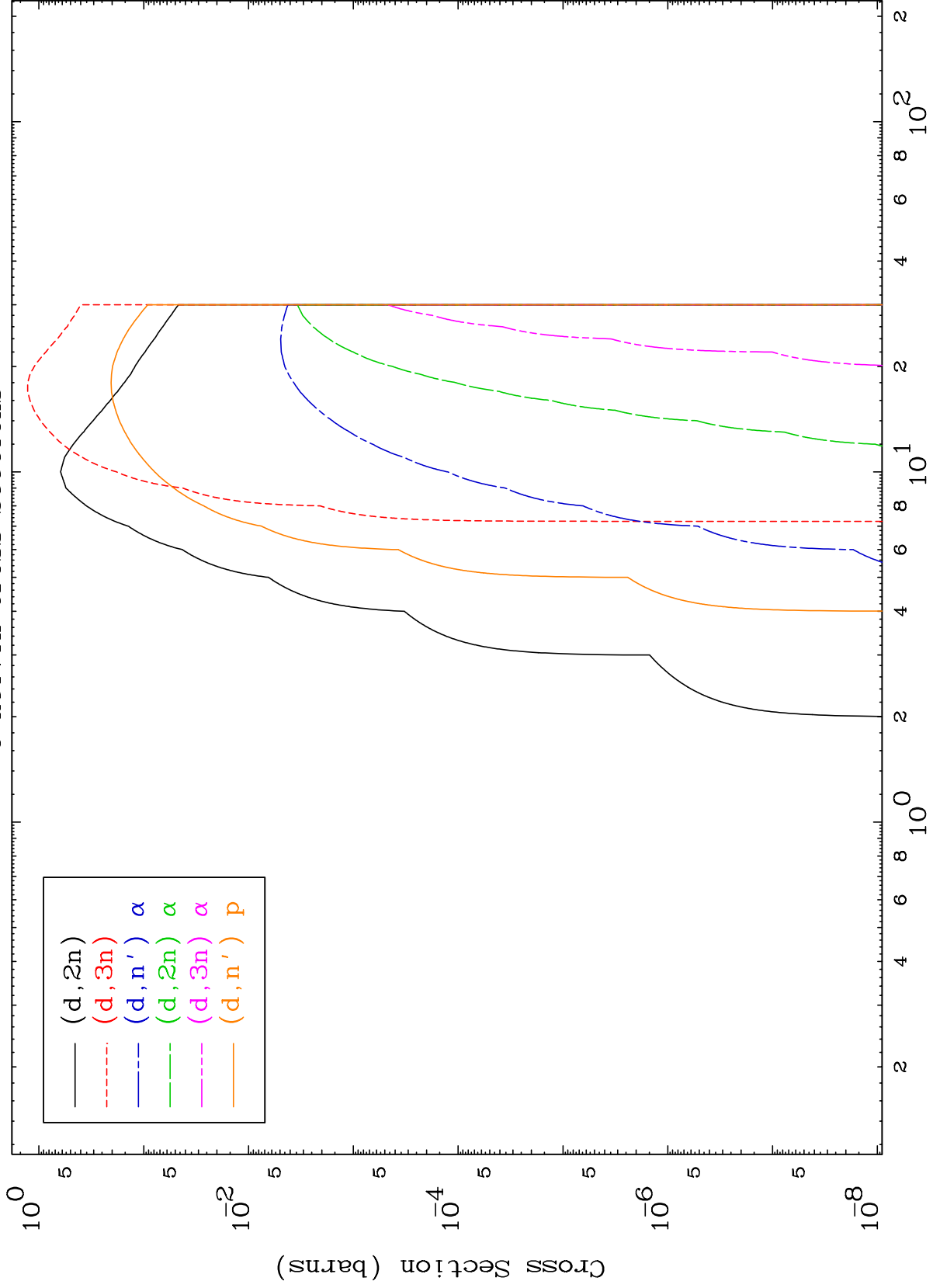
Press Mouse Button to Start

MAT 5464

Deuteron Major
0 Kelvin Cross Sections

54-Xe-137

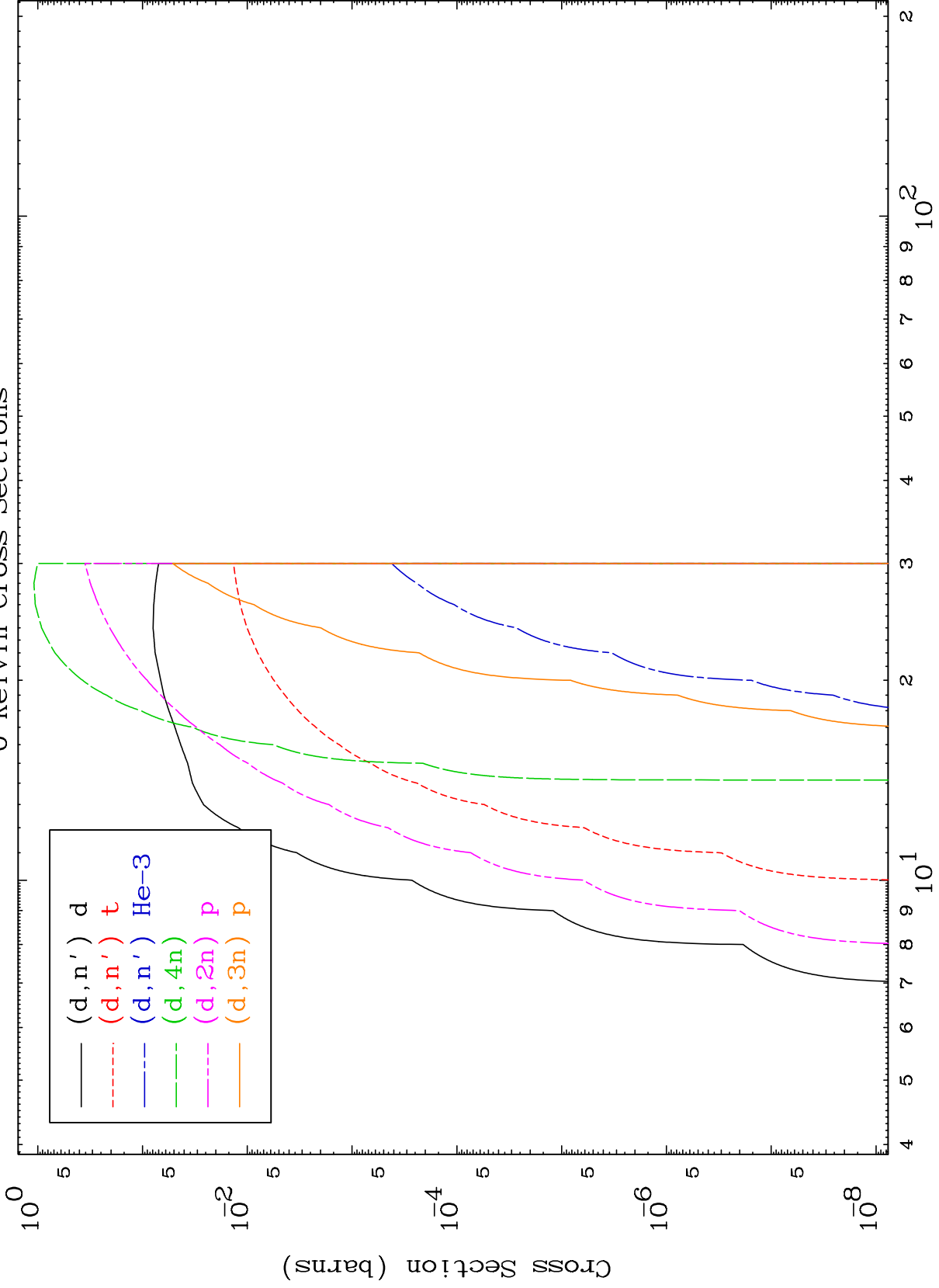




MAT 5464

Deuteron Neutron Production
0 Kelvin Cross Sections

54-Xe-137



3

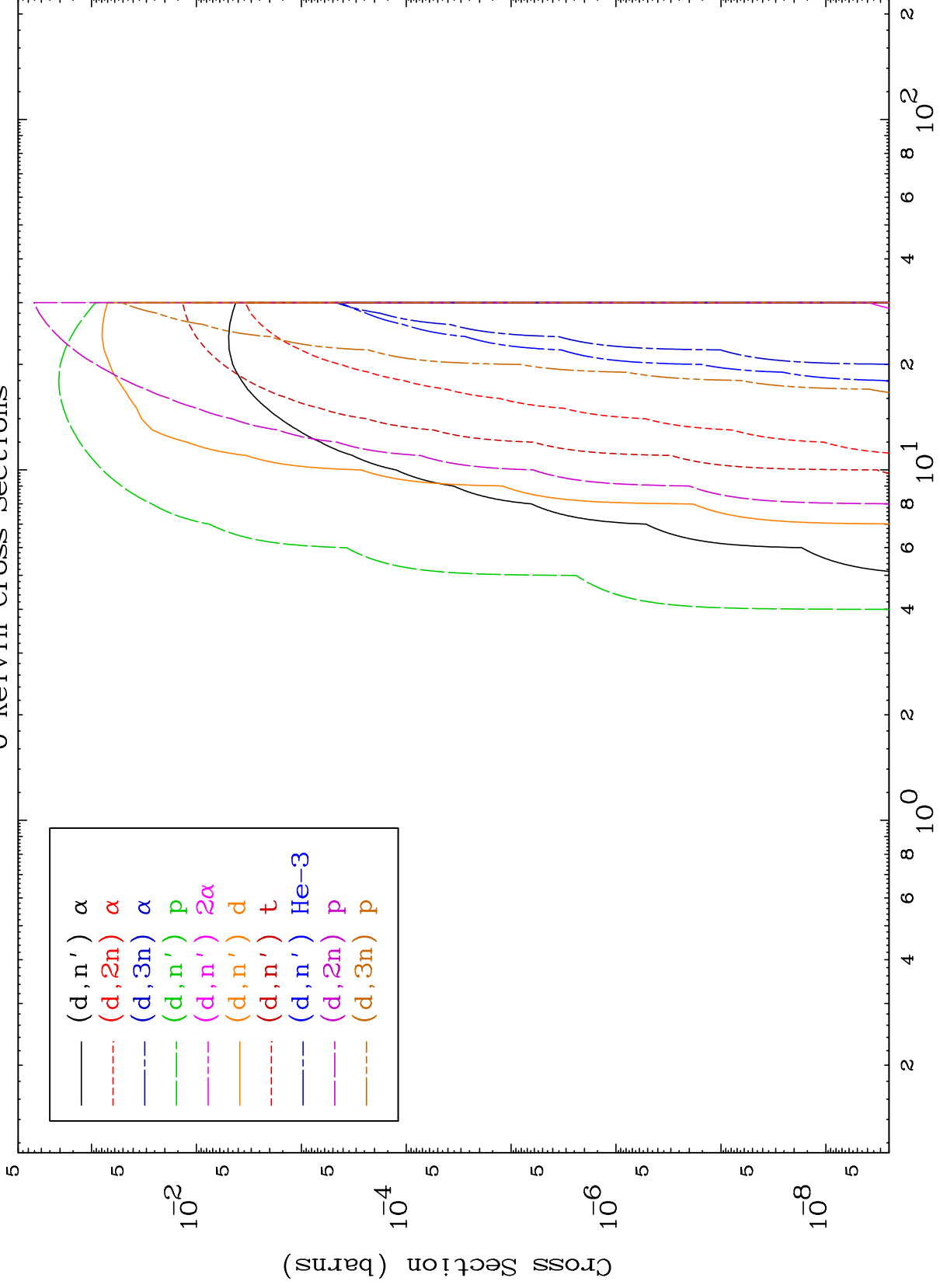
Incident Energy (MeV)

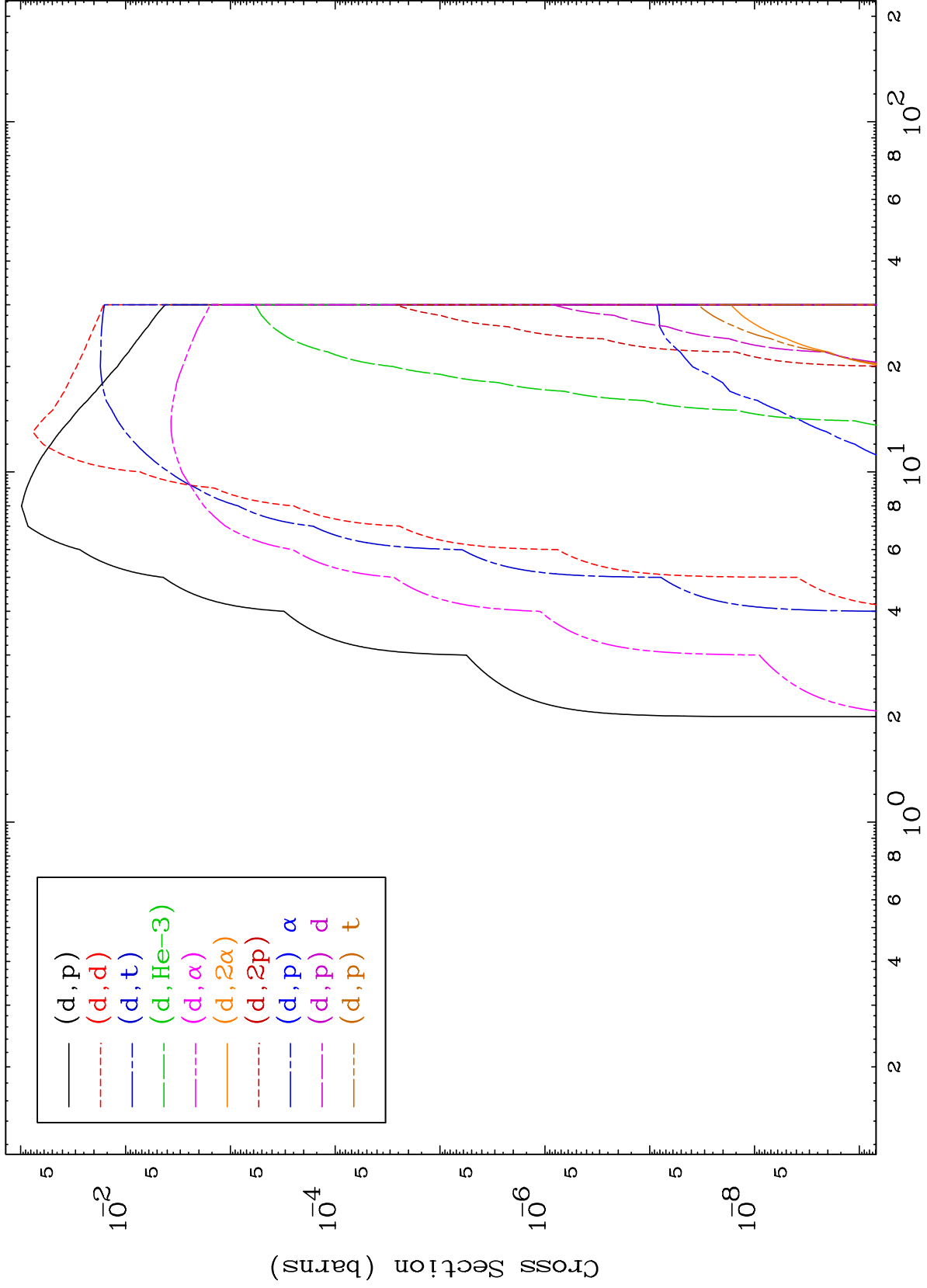
54-Xe-137

MAT 5464

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-137

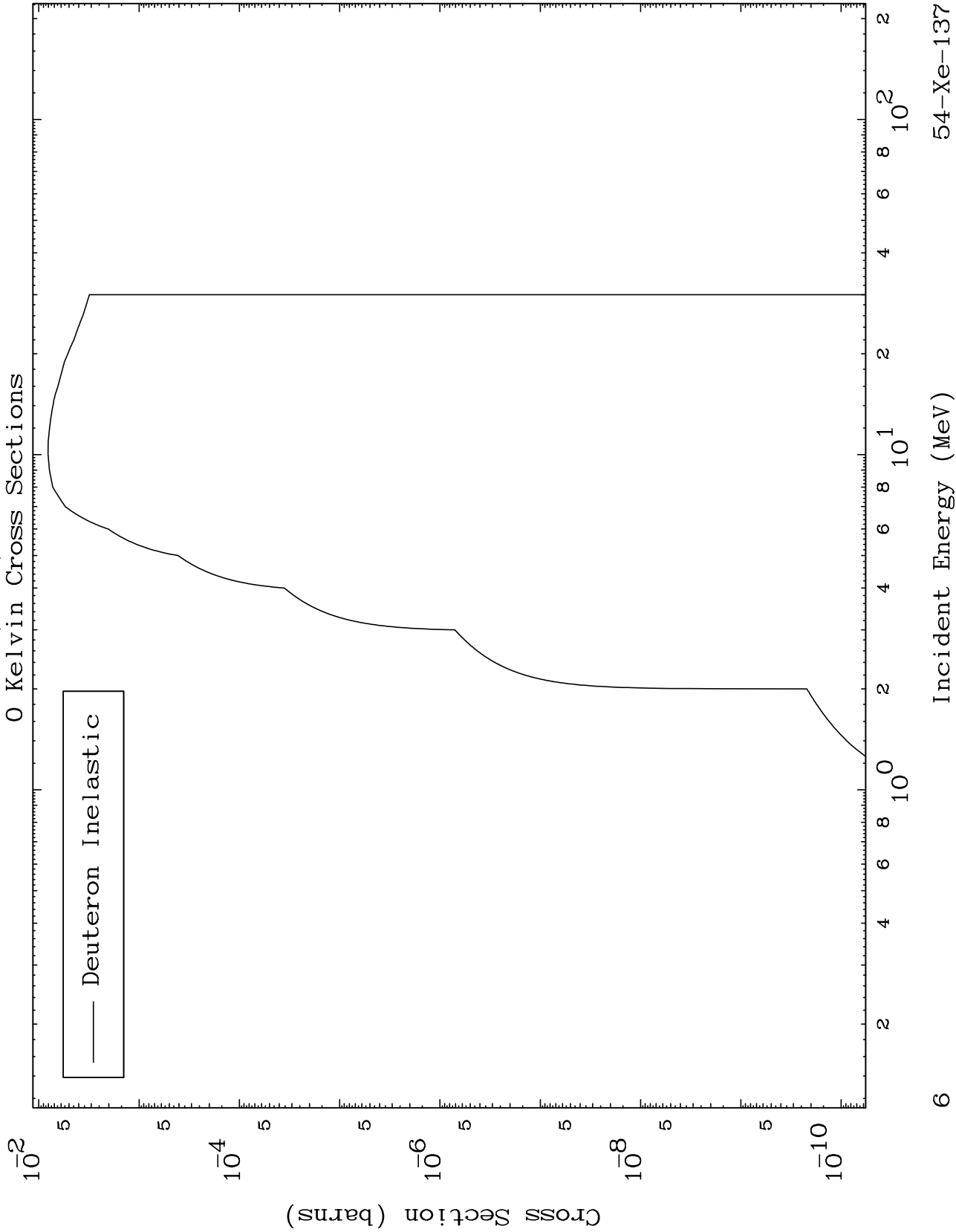




MAT 5464

(d, n') Level

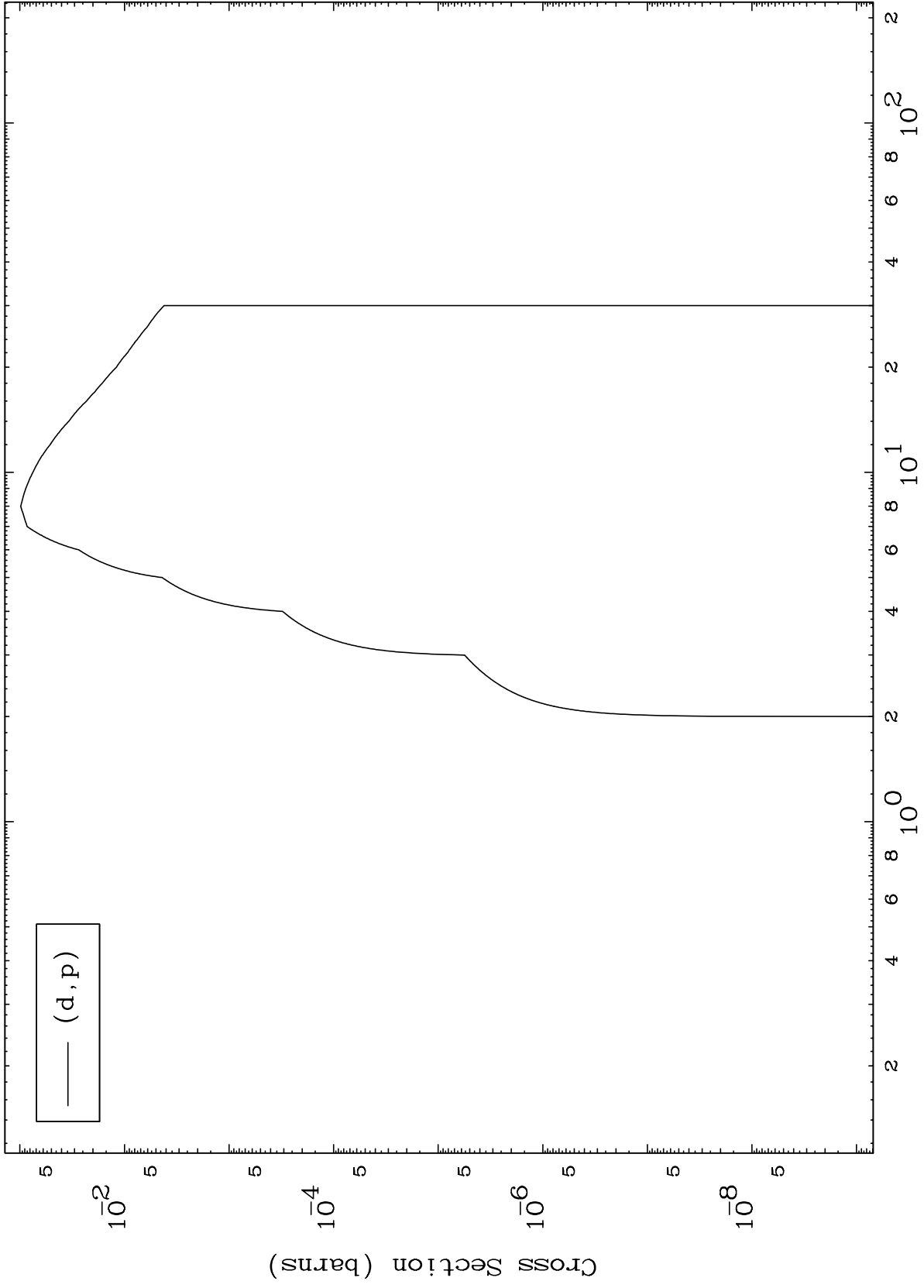
54-Xe-137



MAT 5464

(d,p) Levels
0 Kelvin Cross Sections

54-Xe-137



7

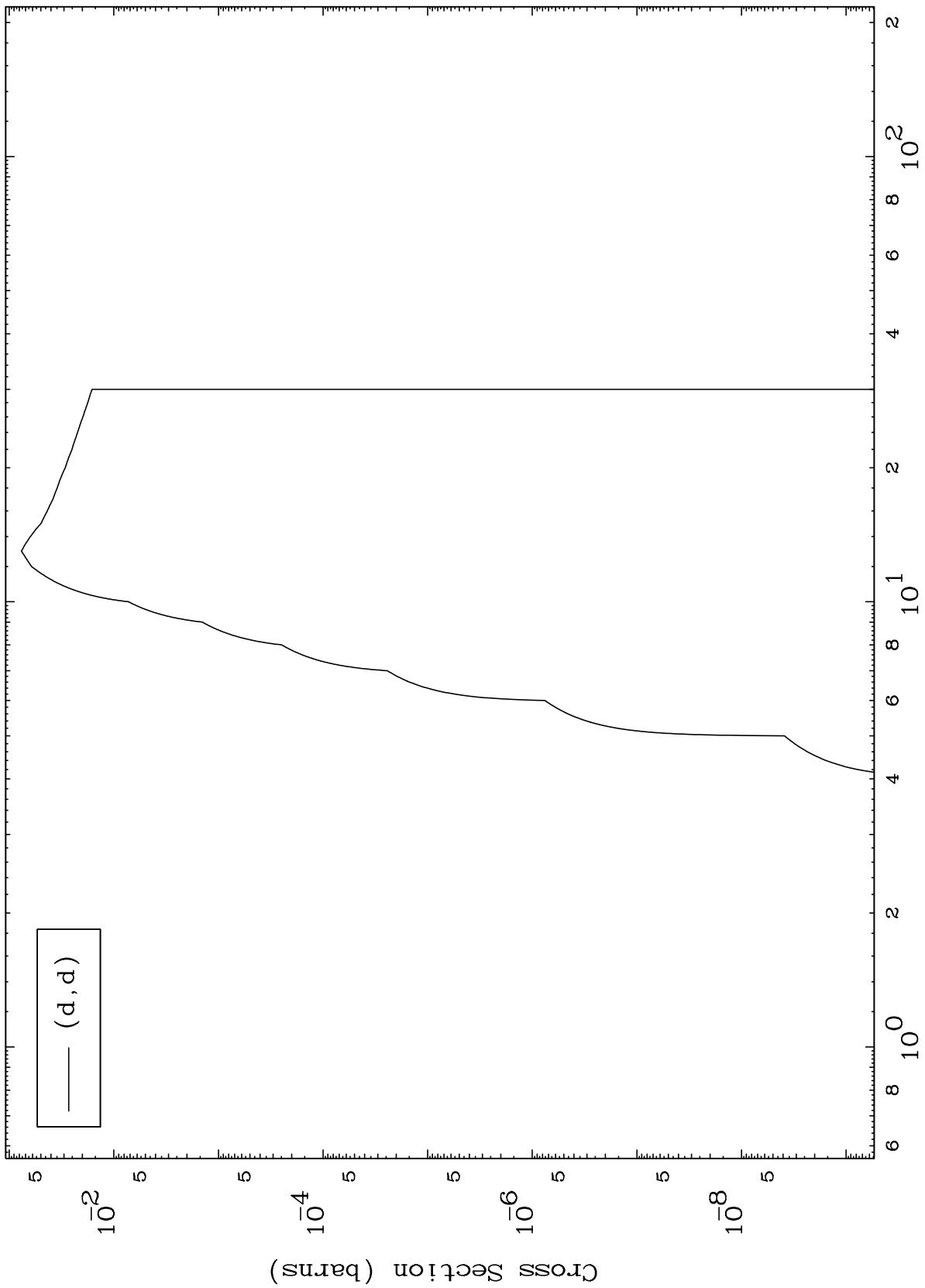
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(d,d) Levels
0 Kelvin Cross Sections



54-Xe-137

Incident Energy (MeV)

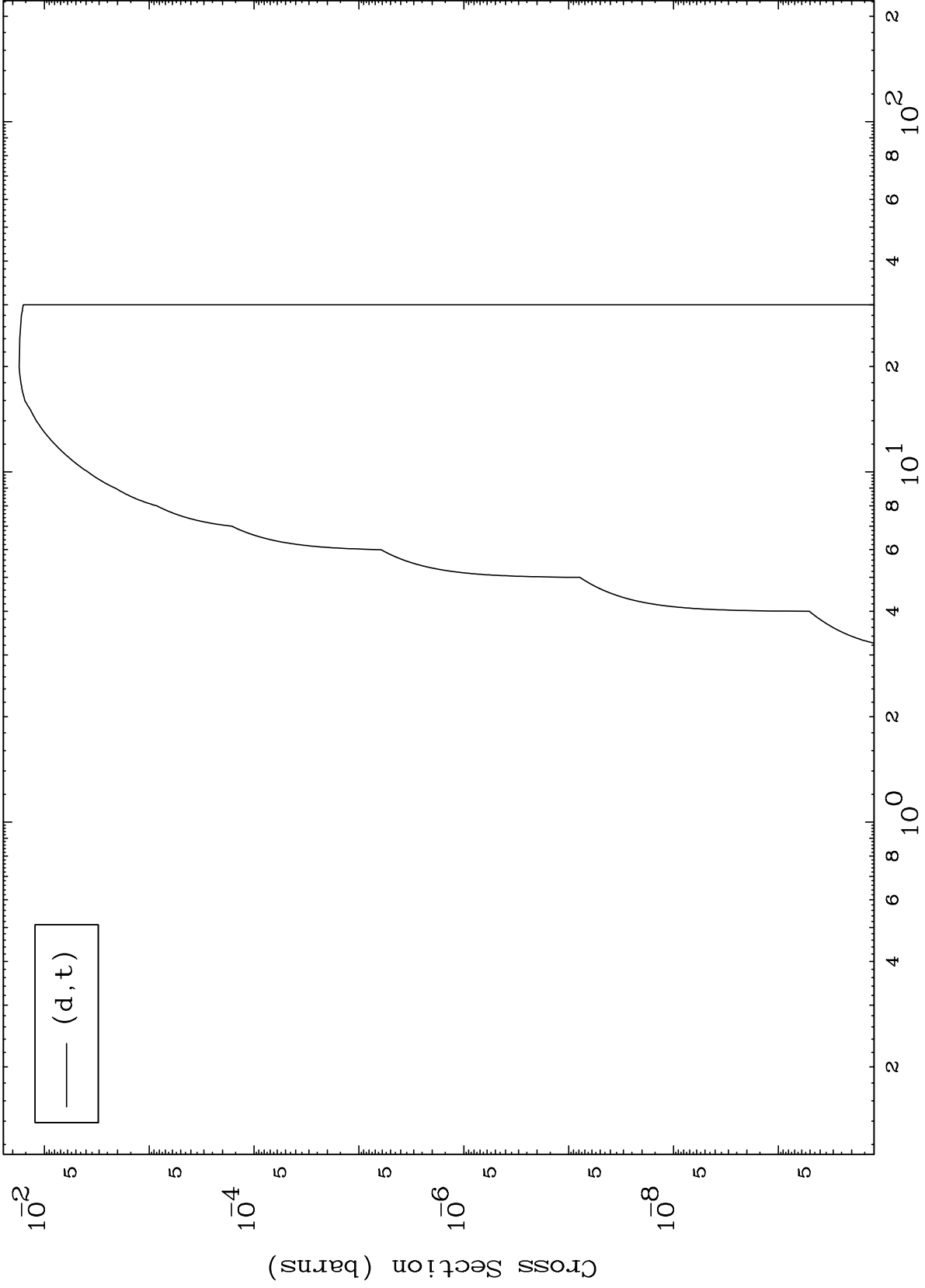
8

MAT 5464

(d, t) Levels

54-Xe-137

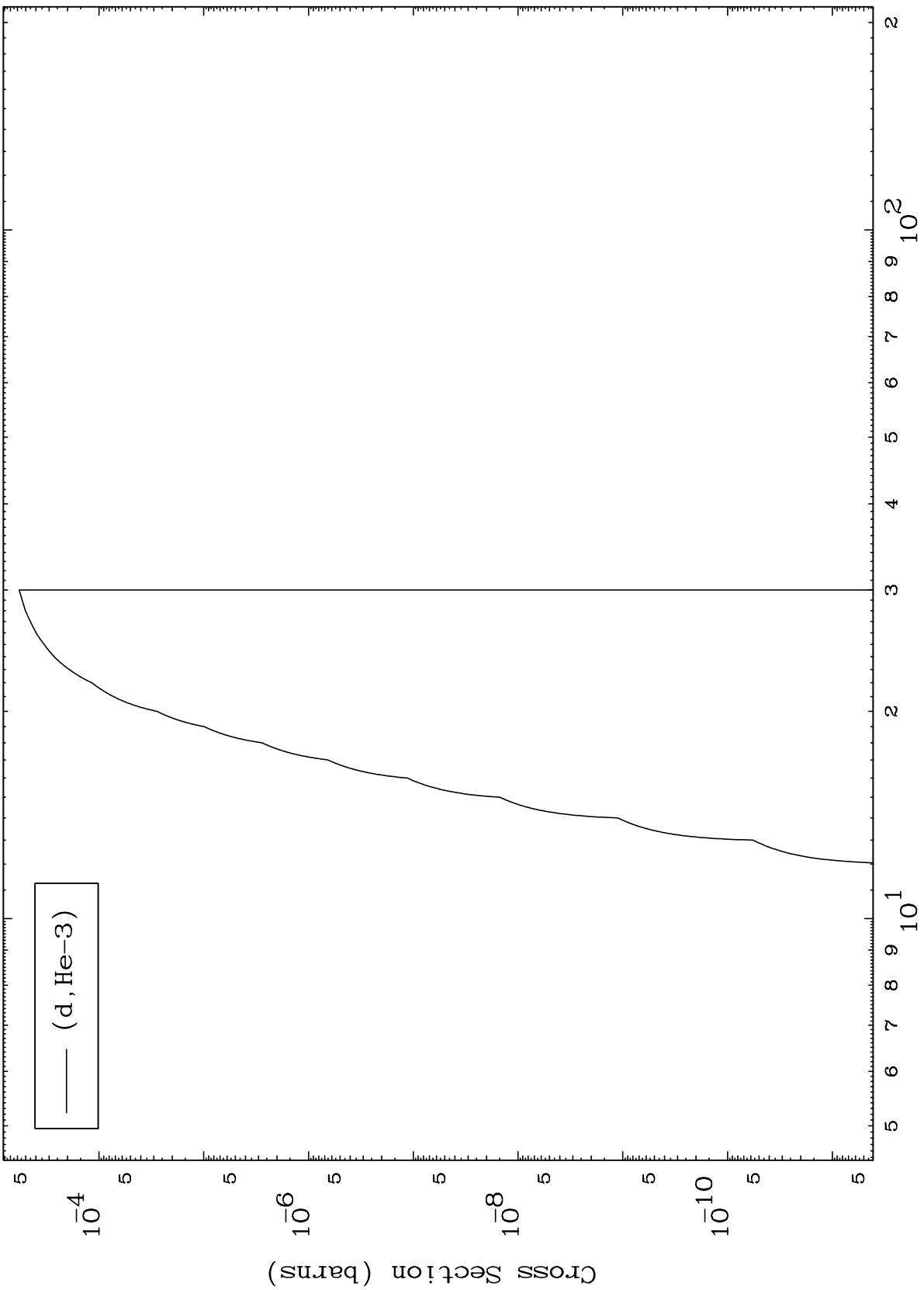
0 Kelvin Cross Sections



MAT 5464

54-Xe-137

(d,He3) Levels
0 Kelvin Cross Sections



54-Xe-137

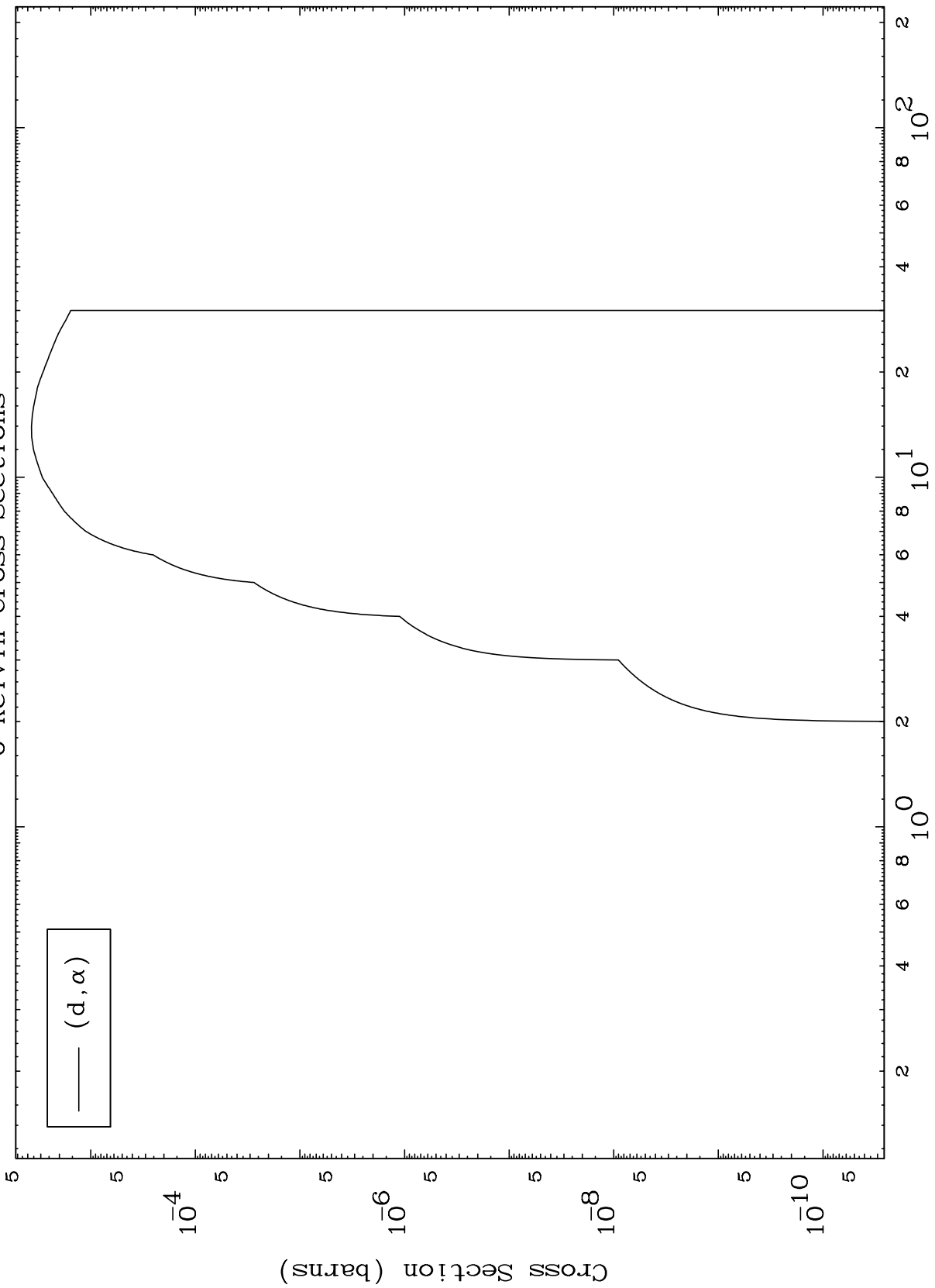
Incident Energy (MeV)

10

MAT 5464

54-Xe-137

(d, α) Levels
0 Kelvin Cross Sections



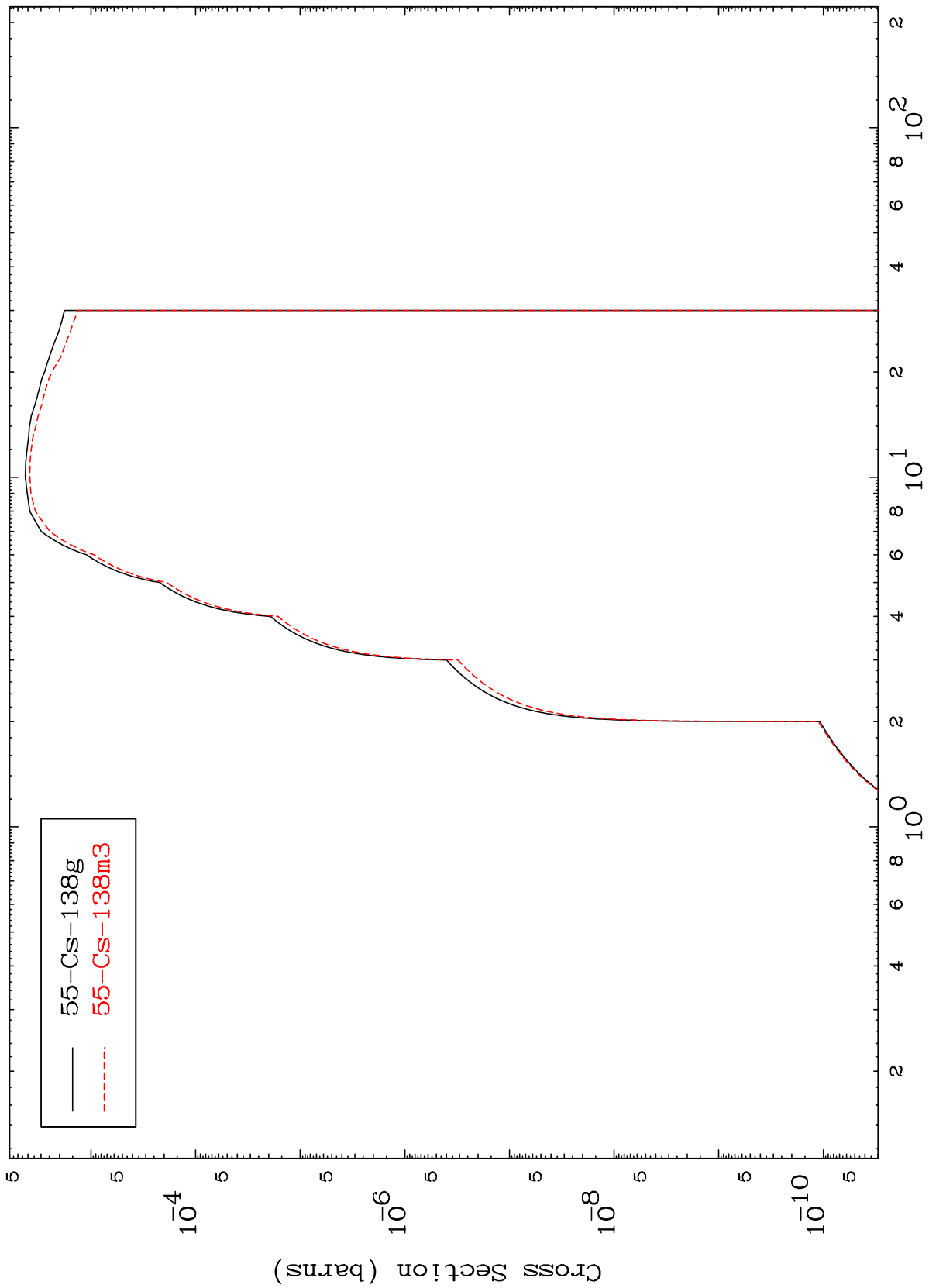
54-Xe-137

Incident Energy (MeV)

MAT 5464

54-Xe-137

Deuteron Inelastic
Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

54-Xe-137

Incident Energy (MeV)

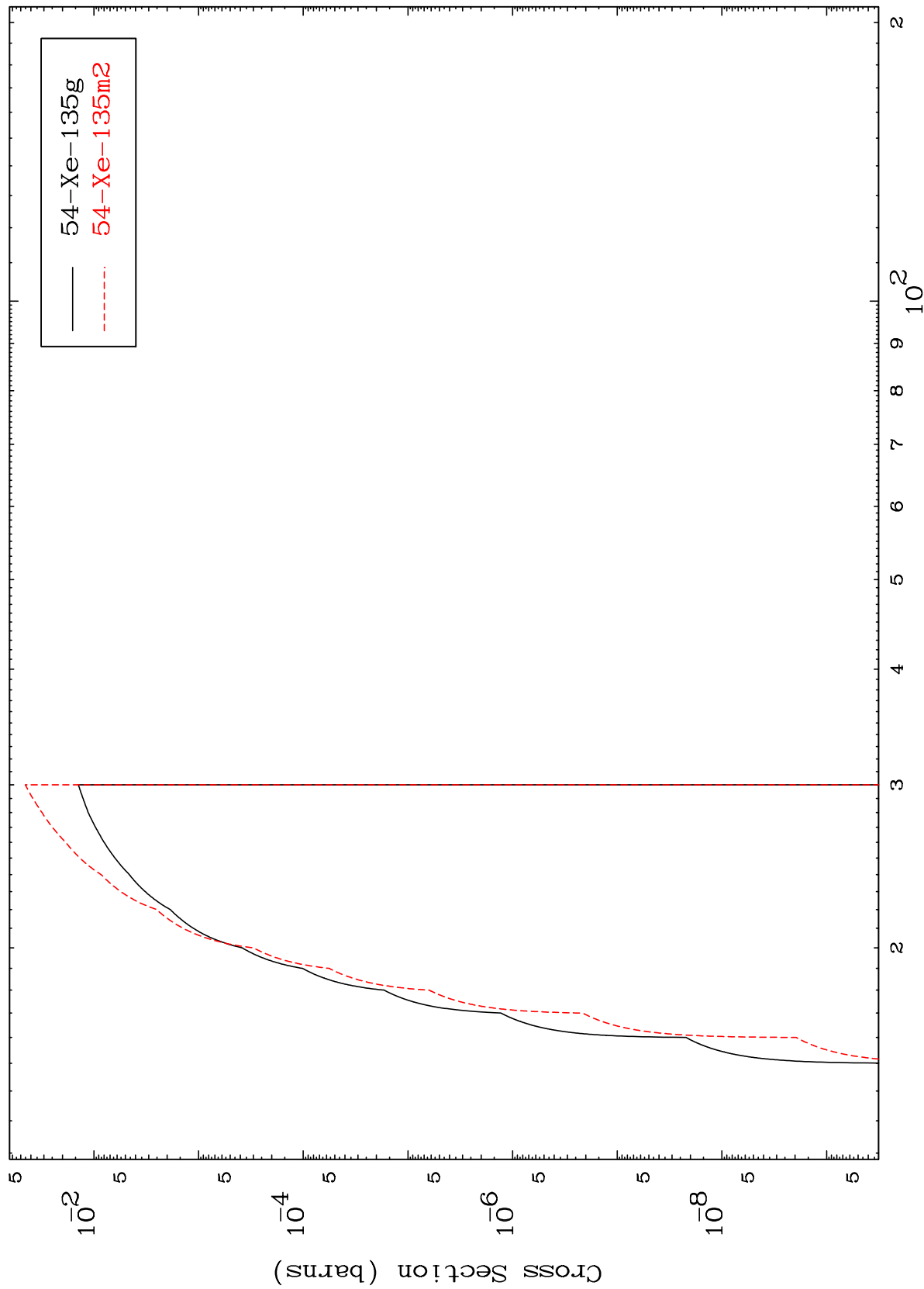
12

MAT 5464

(d,2n) d

54-Xe-137

Radionuclide Production Cross Section



13

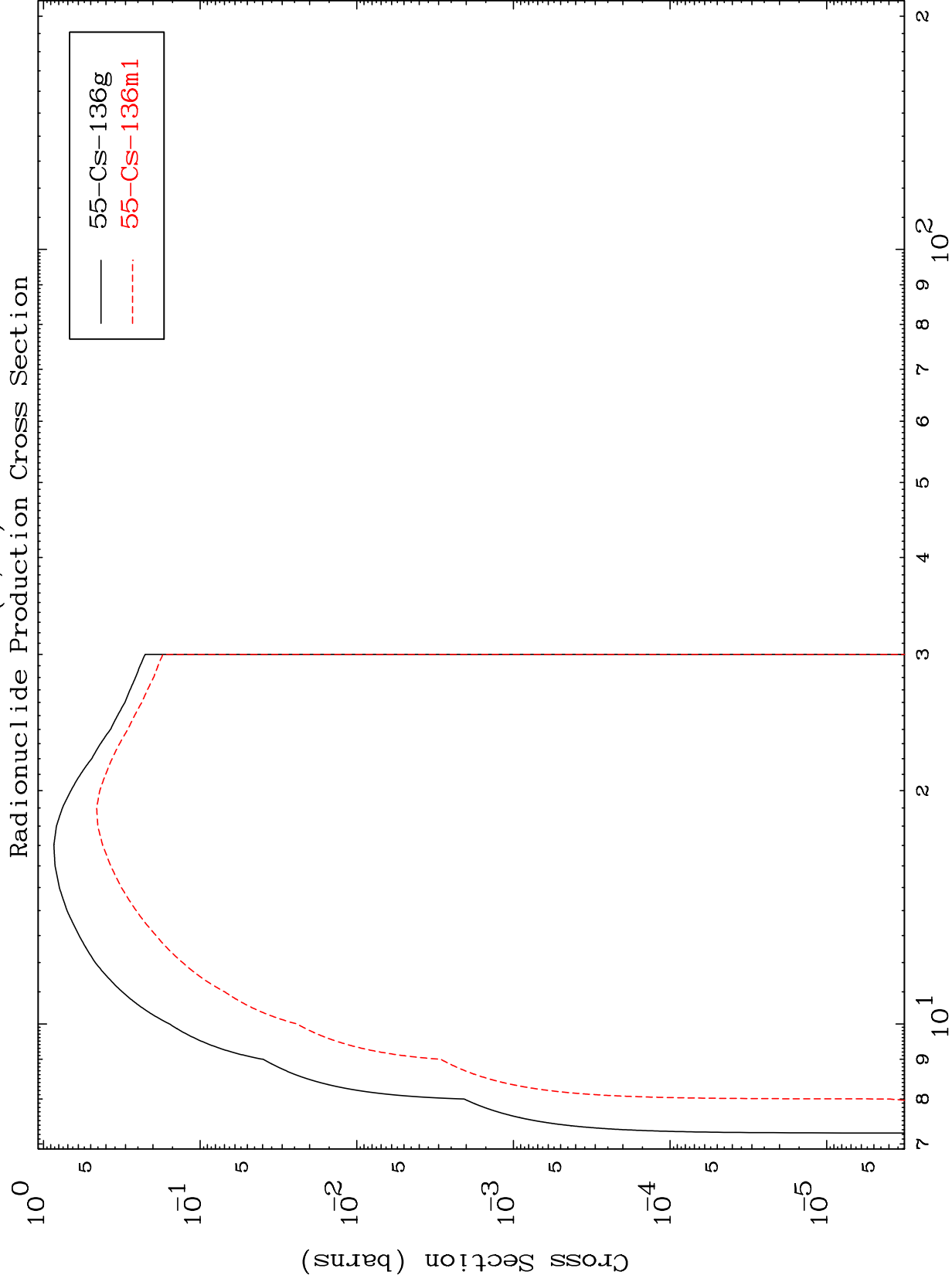
Incident Energy (MeV)

54-Xe-137

MAT 5464

(d,3n)

54-Xe-137



Incident Energy (MeV)

54-Xe-137

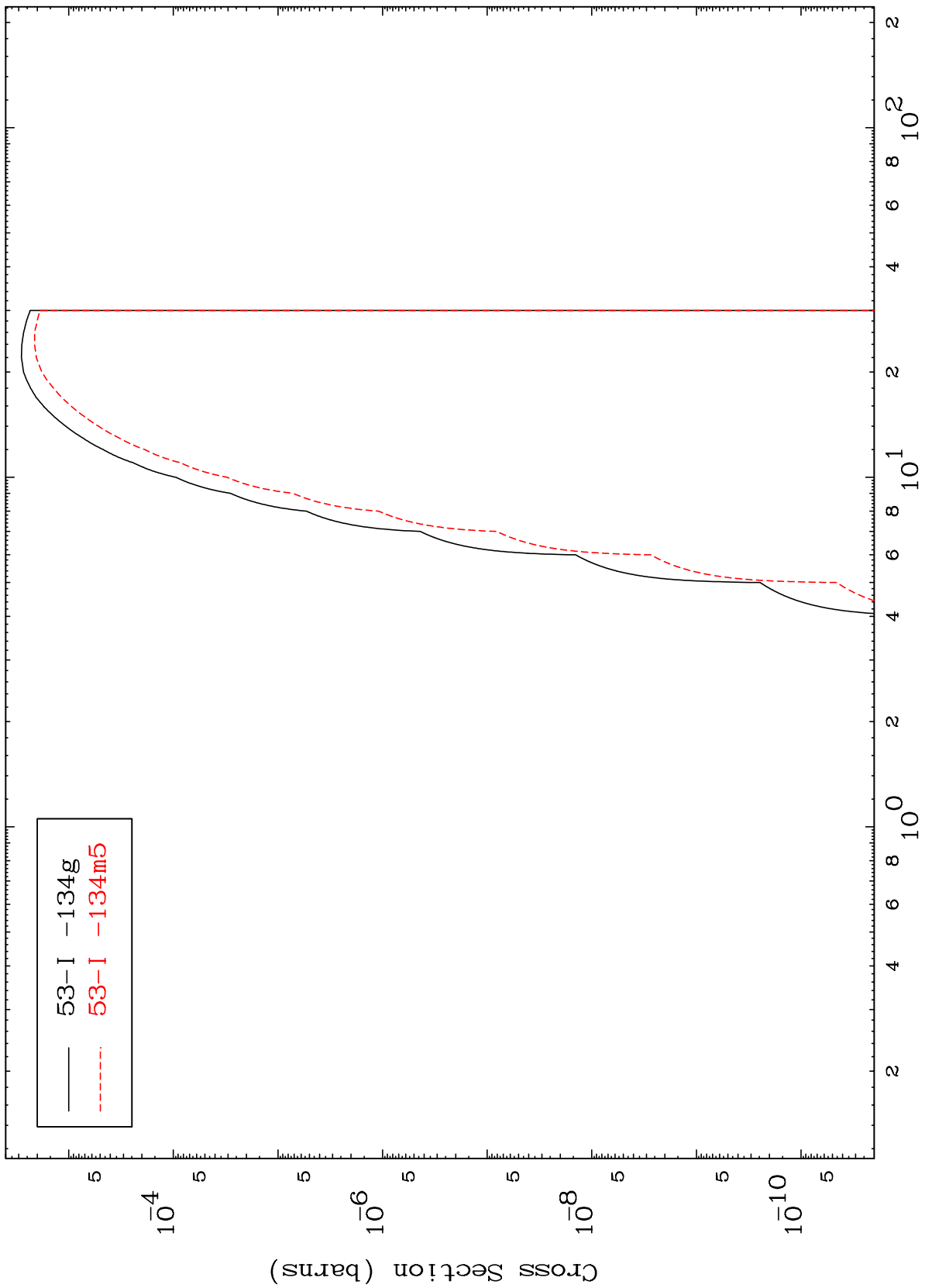
14

MAT 5464

(d,n') α

54-Xe-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

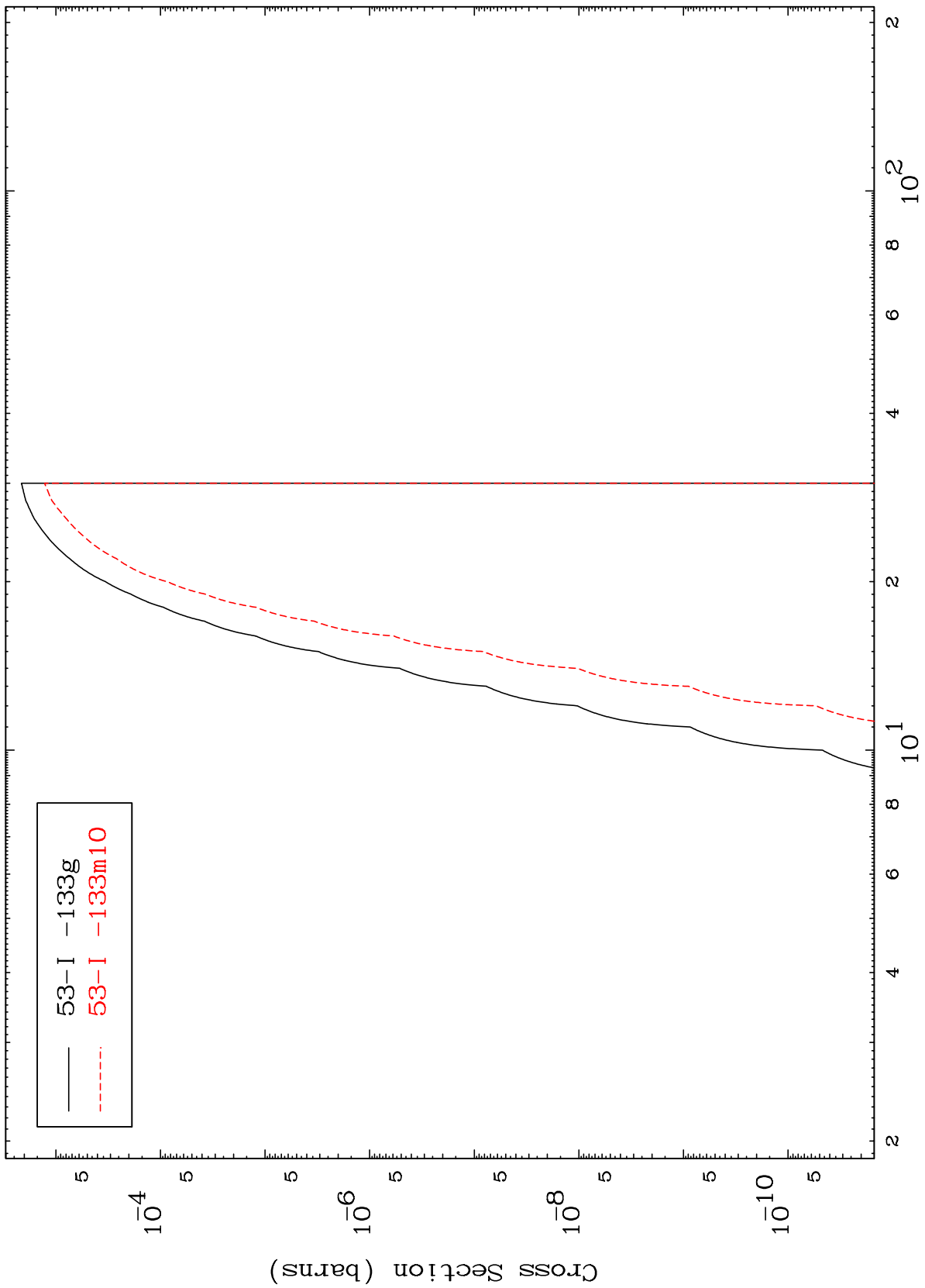
54-Xe-137

MAT 5464

54-Xe-137

(d,2n) α

Radionuclide Production Cross Section



16

54-Xe-137

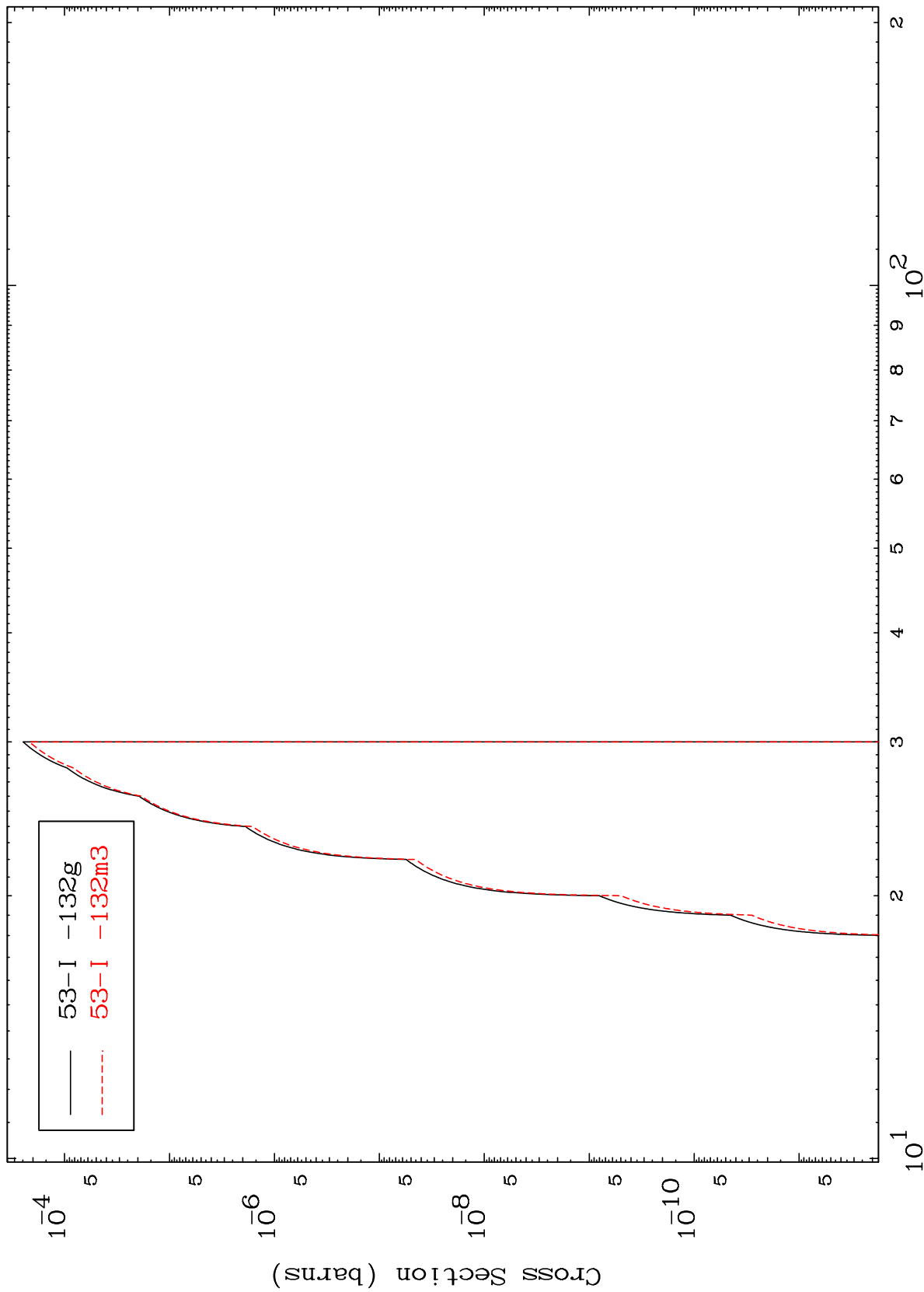
Incident Energy (MeV)

MAT 5464

(d,3n) α

54-Xe-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

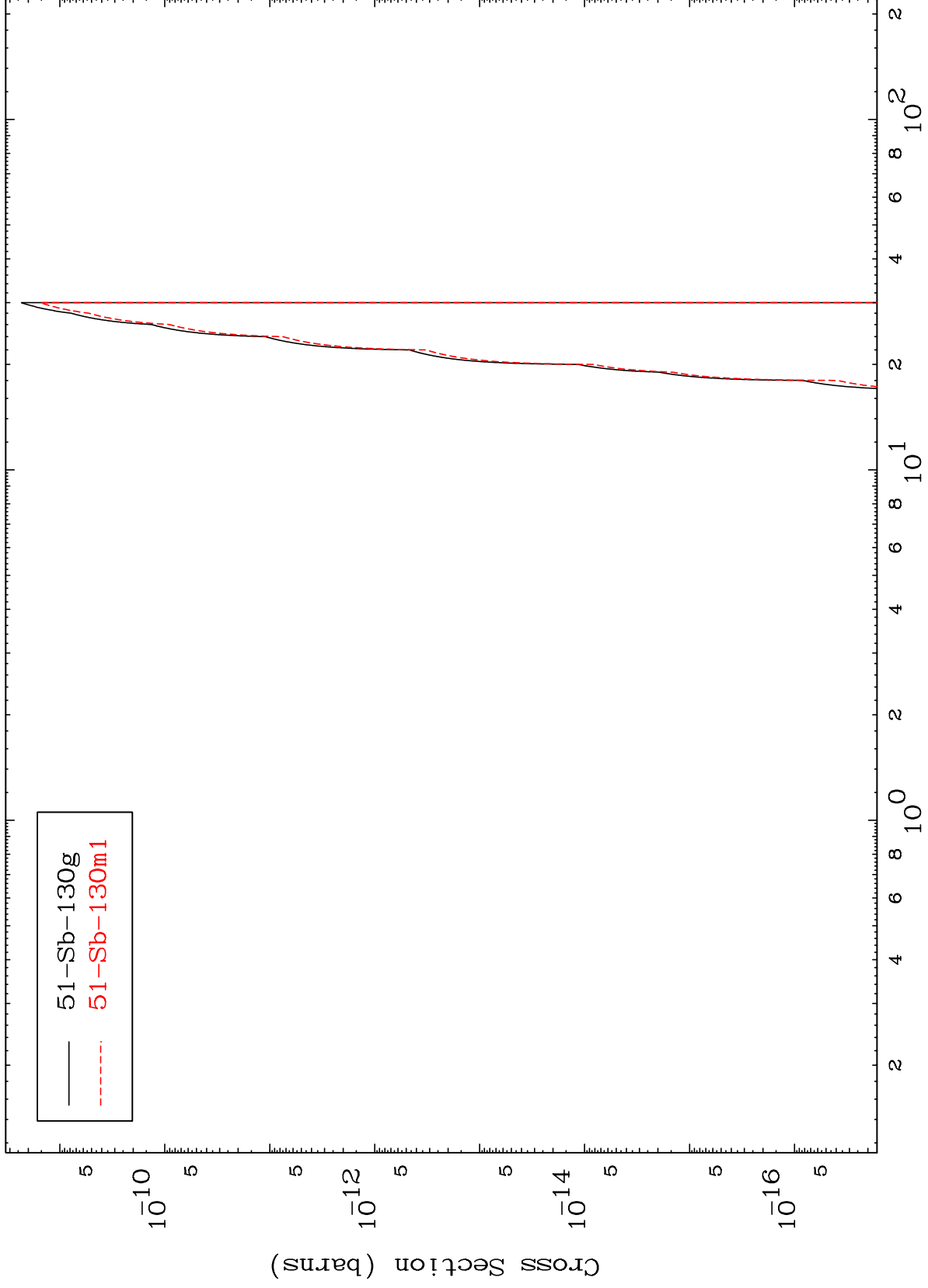
54-Xe-137

MAT 5464

(d,n') 2 α

54-Xe-137

Radionuclide Production Cross Section

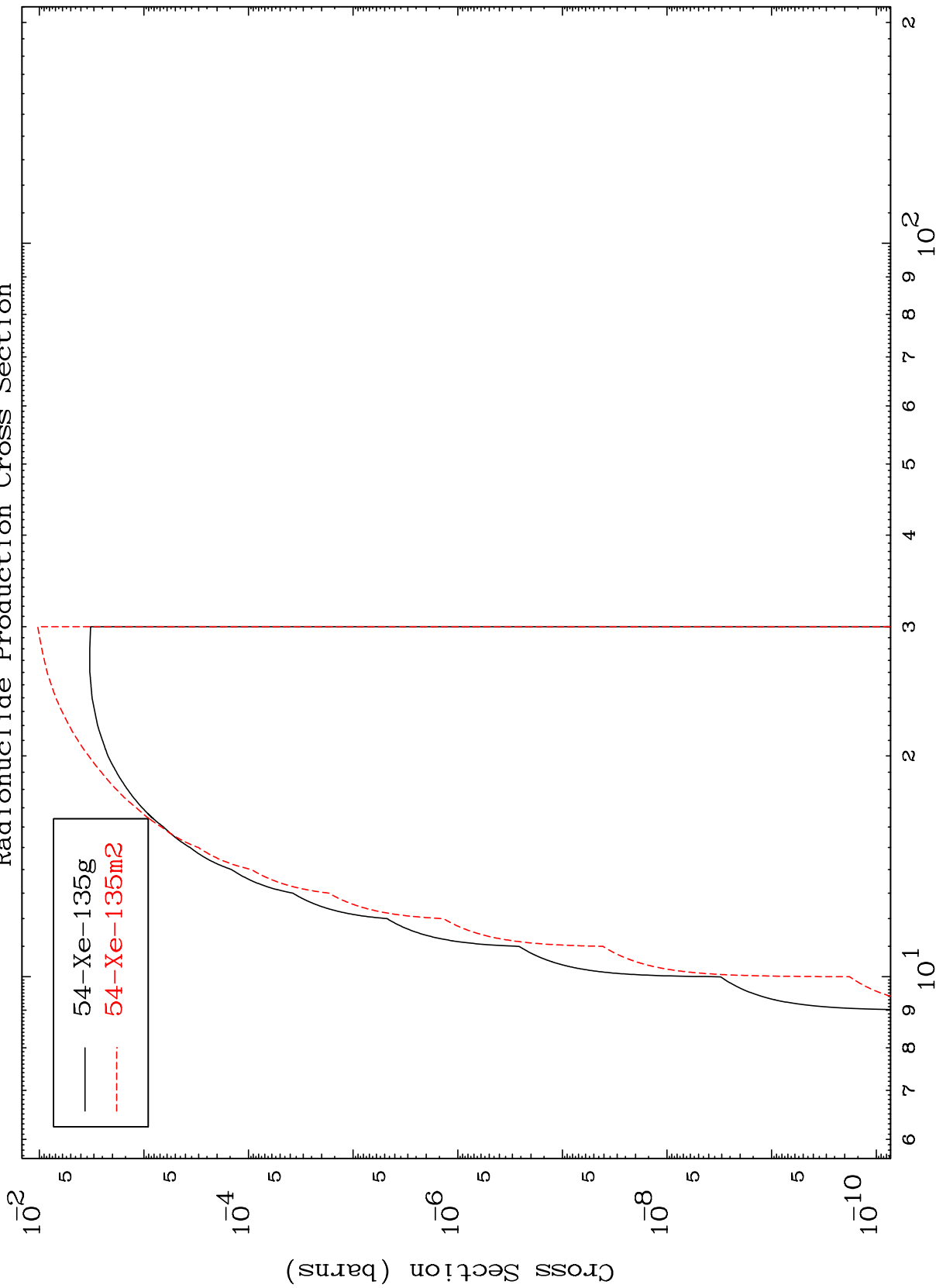


MAT 5464

(d,n') t

54-Xe-137

Radionuclide Production Cross Section

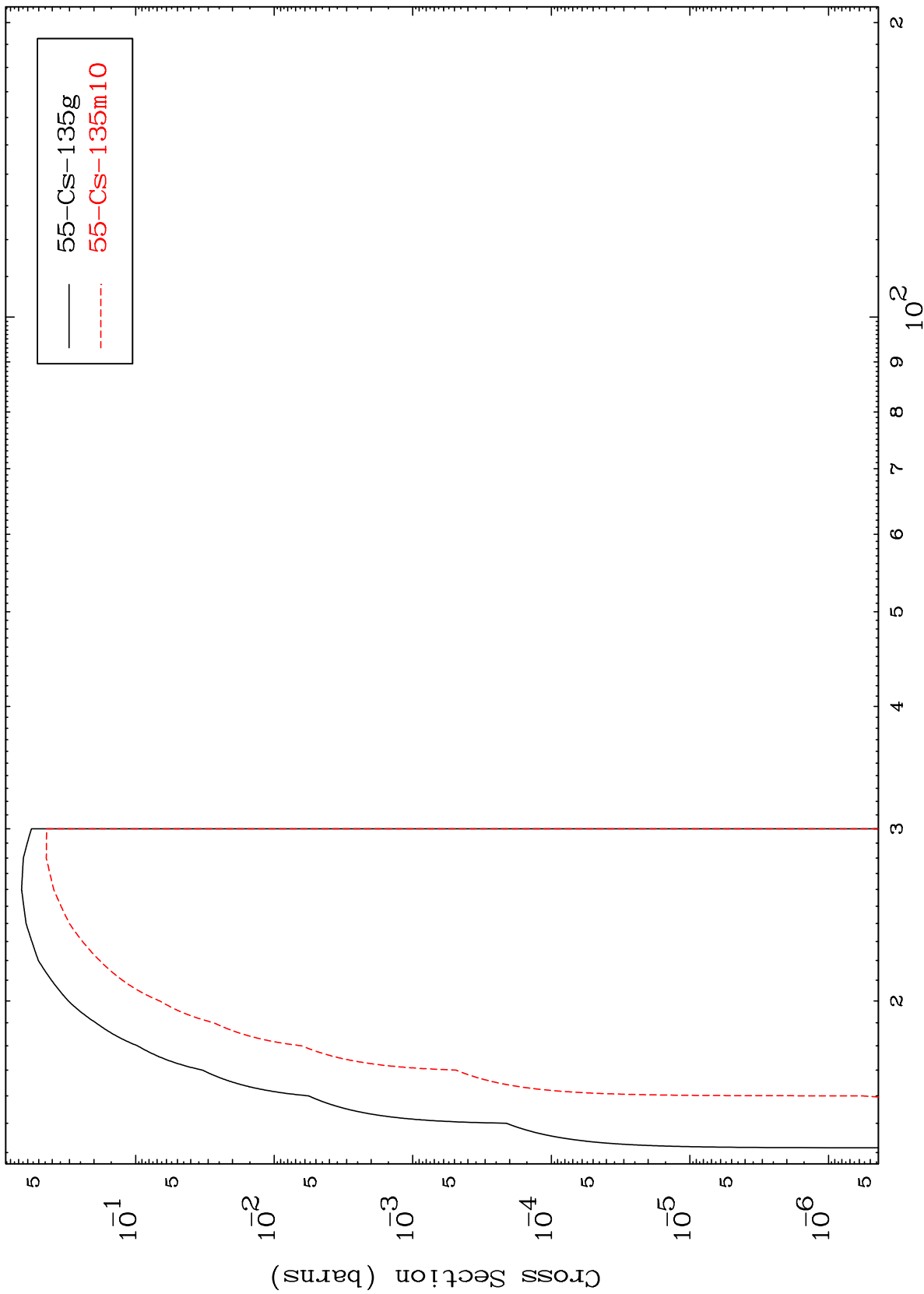


19

Incident Energy (MeV)

54-Xe-137

(d,4n)
Radionuclide Production Cross Section

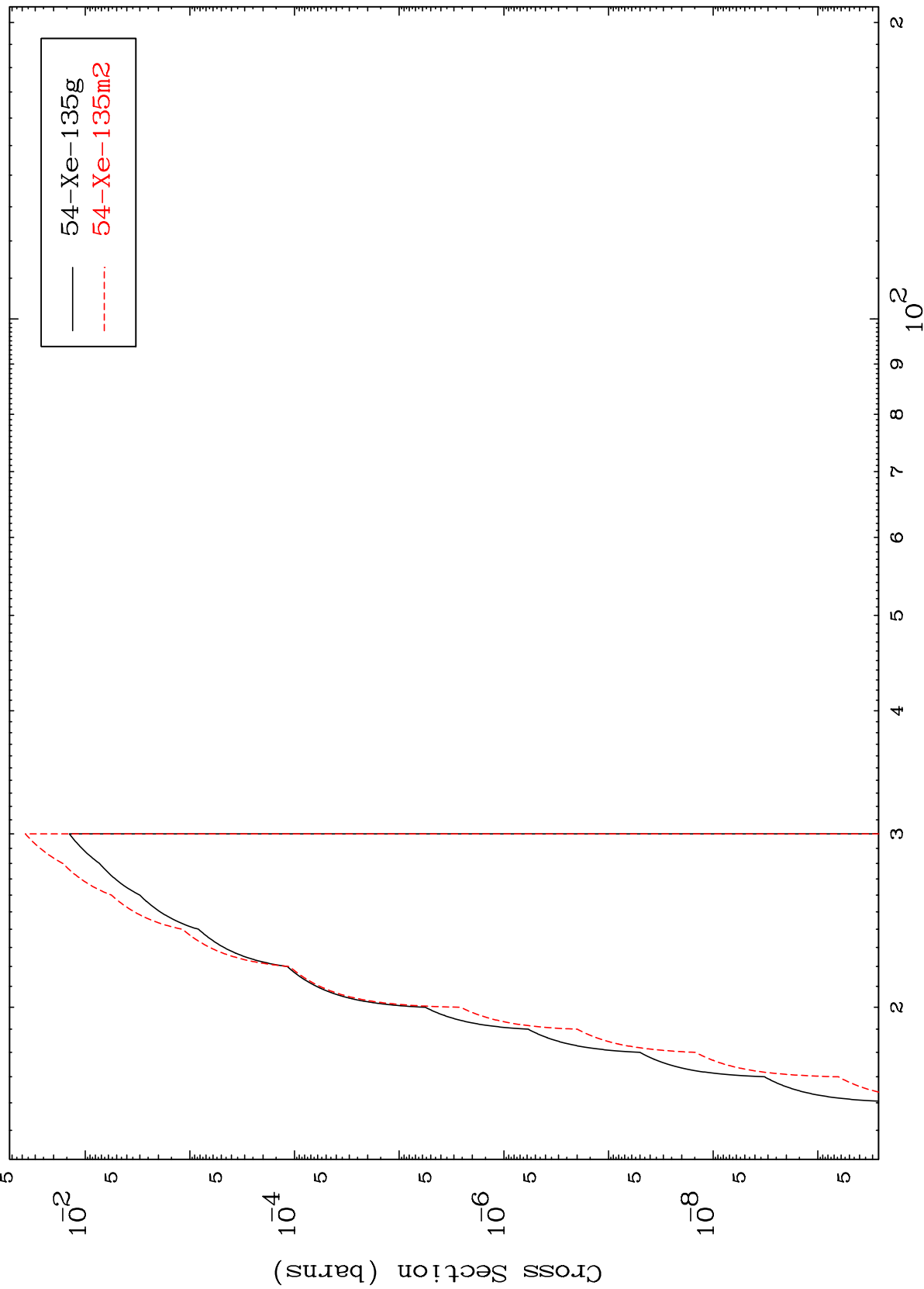


MAT 5464

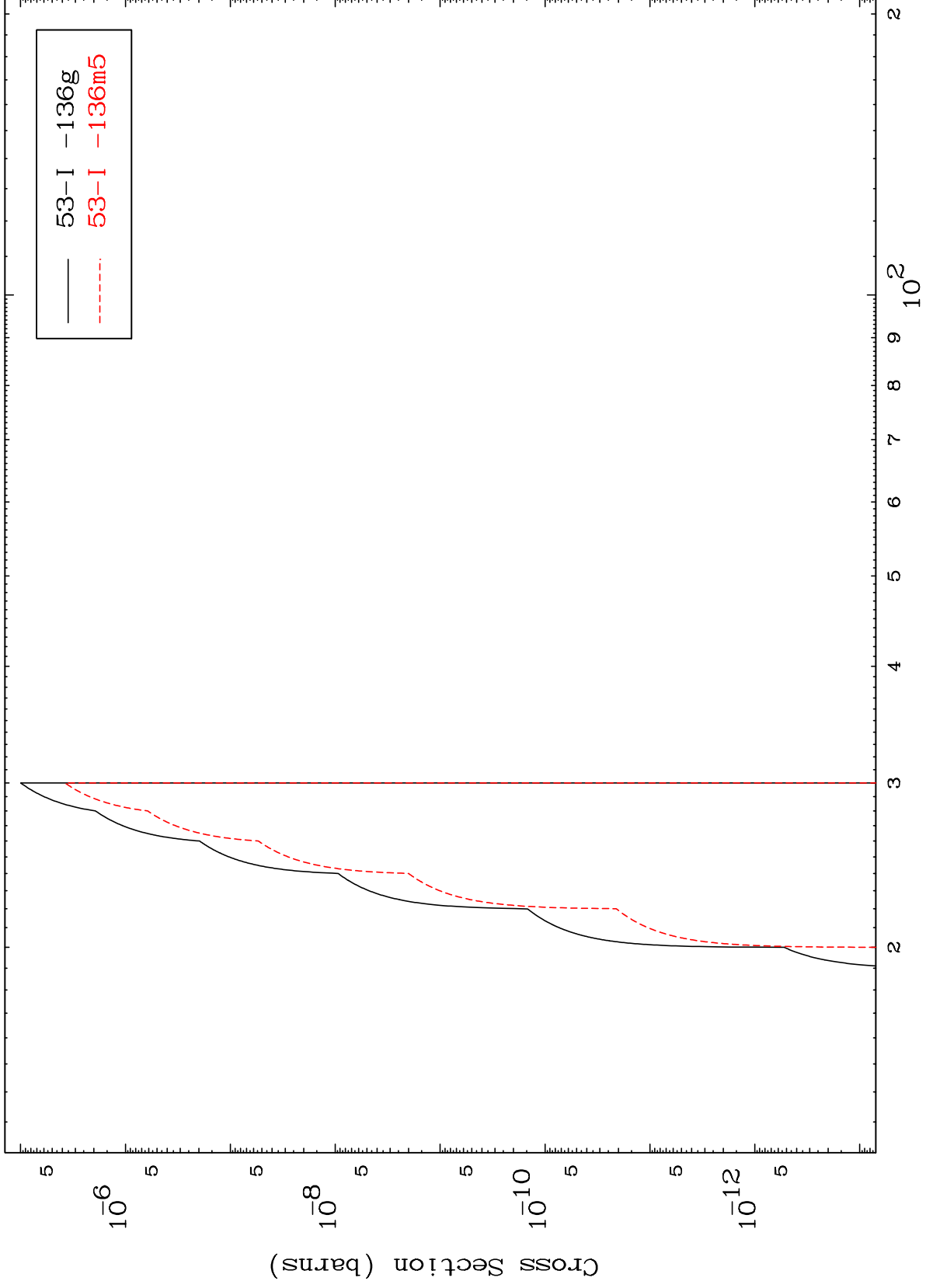
(d,3n) p

54-Xe-137

Radionuclide Production Cross Section



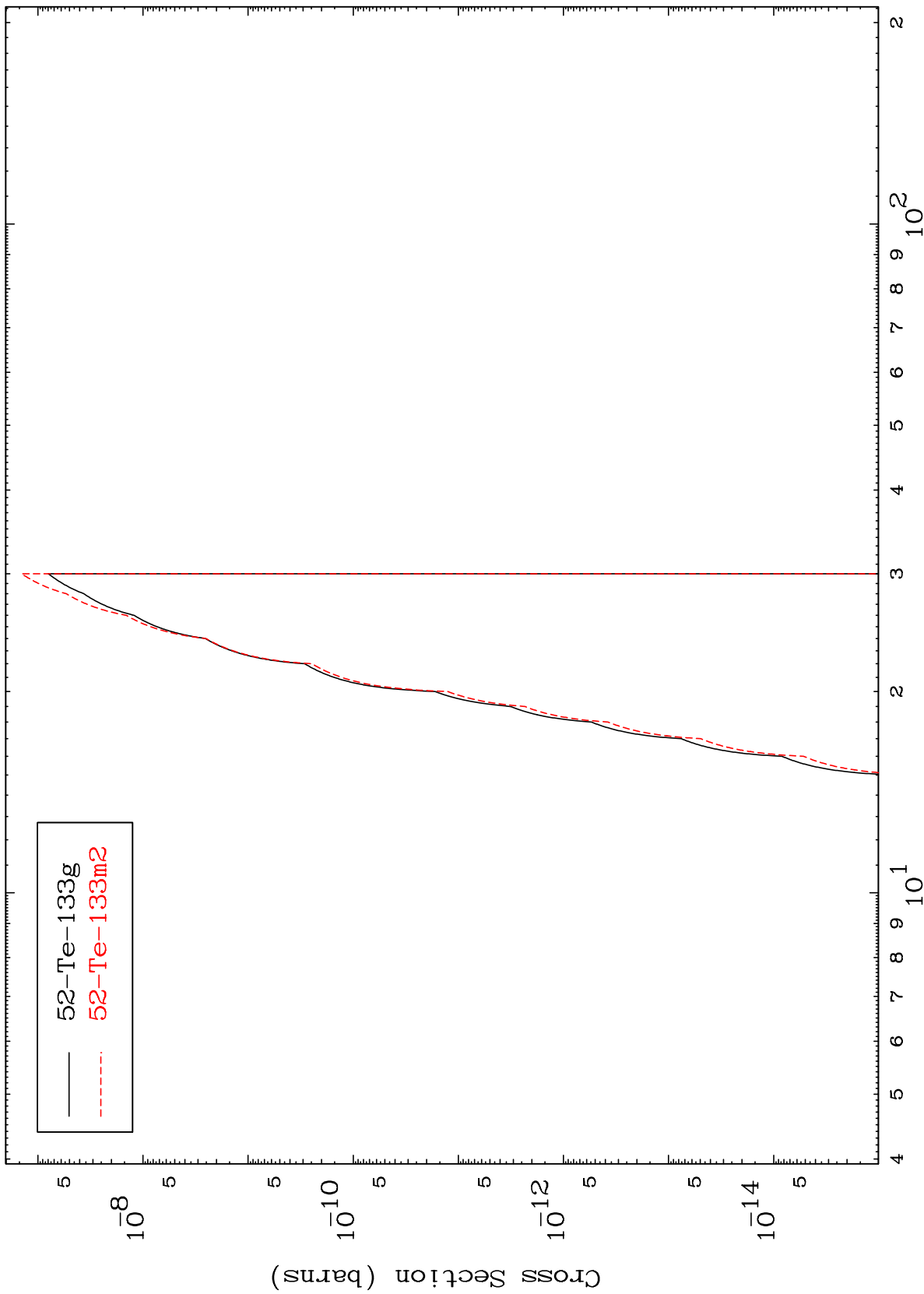
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

(d,n') p α
Radionuclide Production Cross Section



23

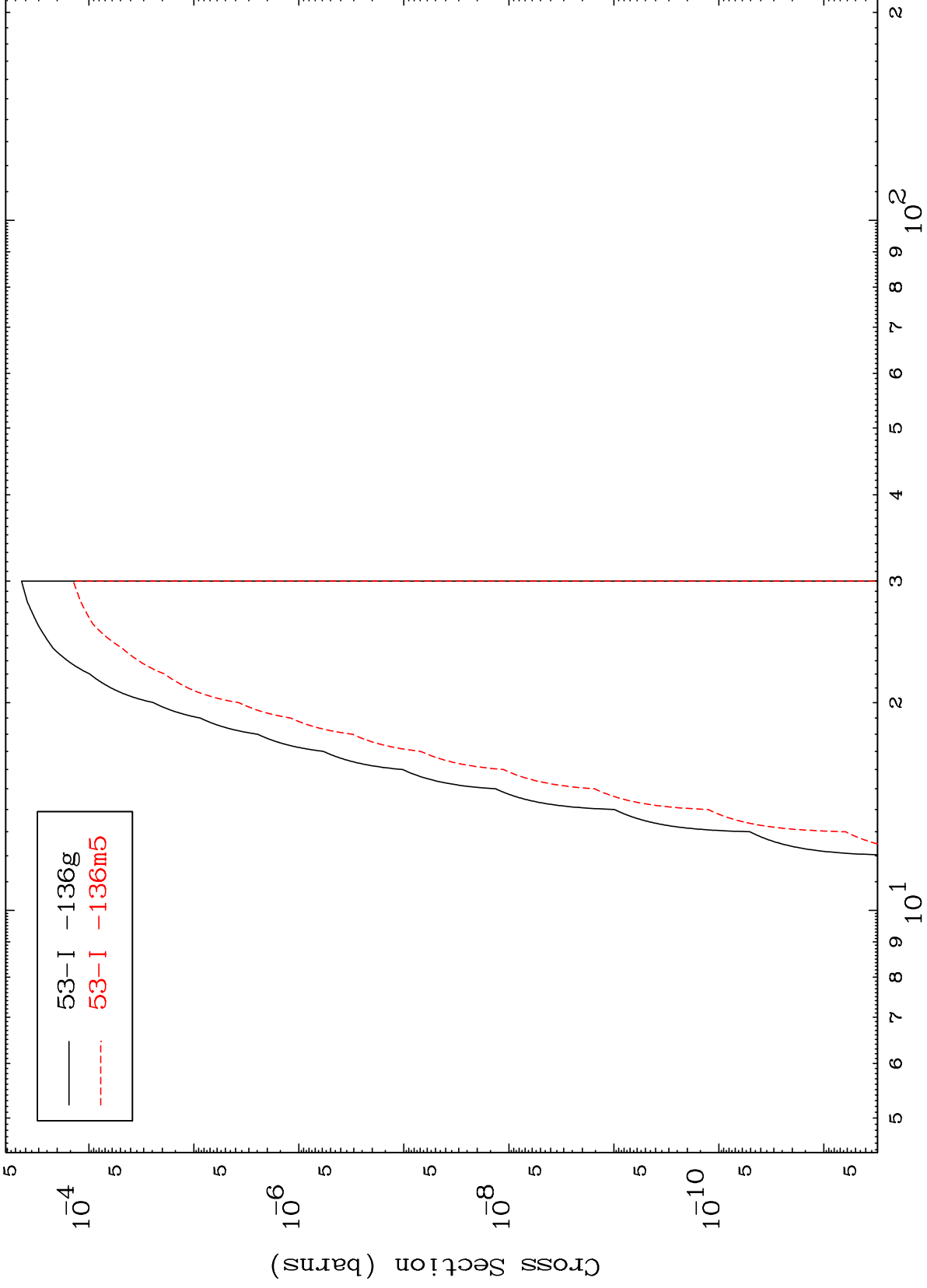
54-Xe-137

MAT 5464

(d,He-3)

54-Xe-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

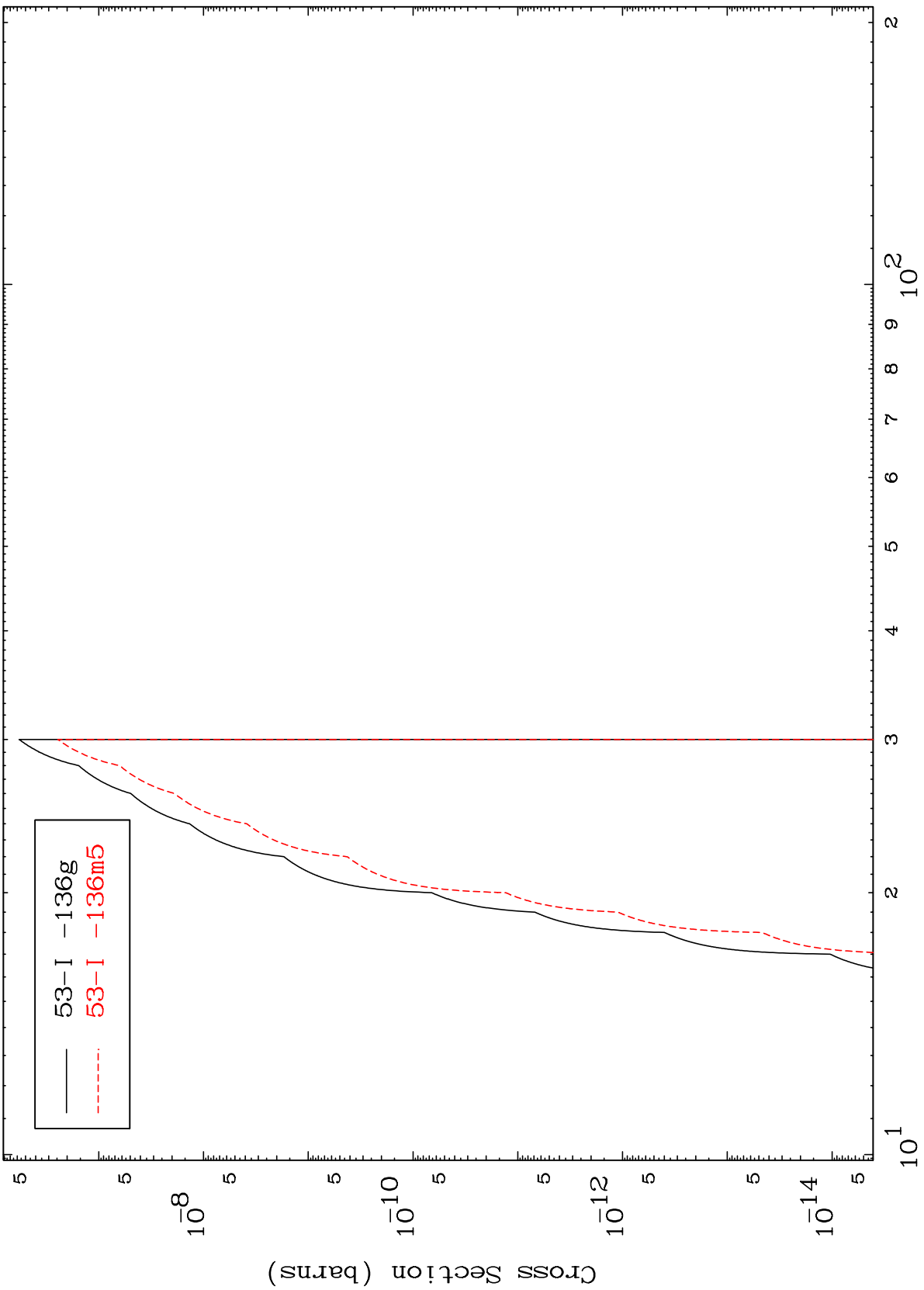
54-Xe-137

MAT 5464

(d,p) d

54-Xe-137

Radionuclide Production Cross Section



53-I -136g
53-I -136m5

Incident Energy (MeV)

54-Xe-137

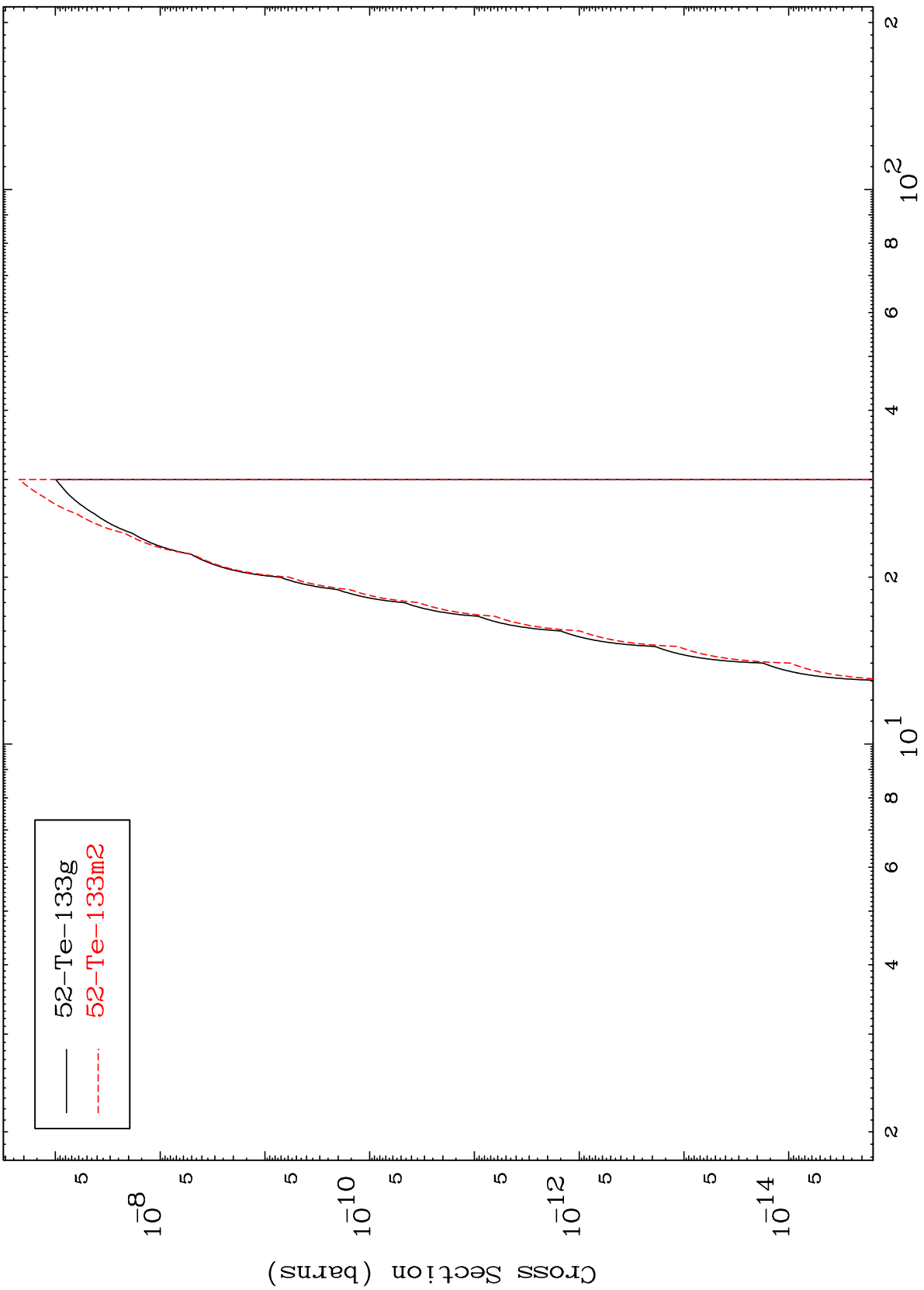
25

MAT 5464

(d,d) α

54-Xe-137

Radionuclide Production Cross Section



52-Te-133g
52-Te-133m2

26

Incident Energy (MeV)

54-Xe-137