

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

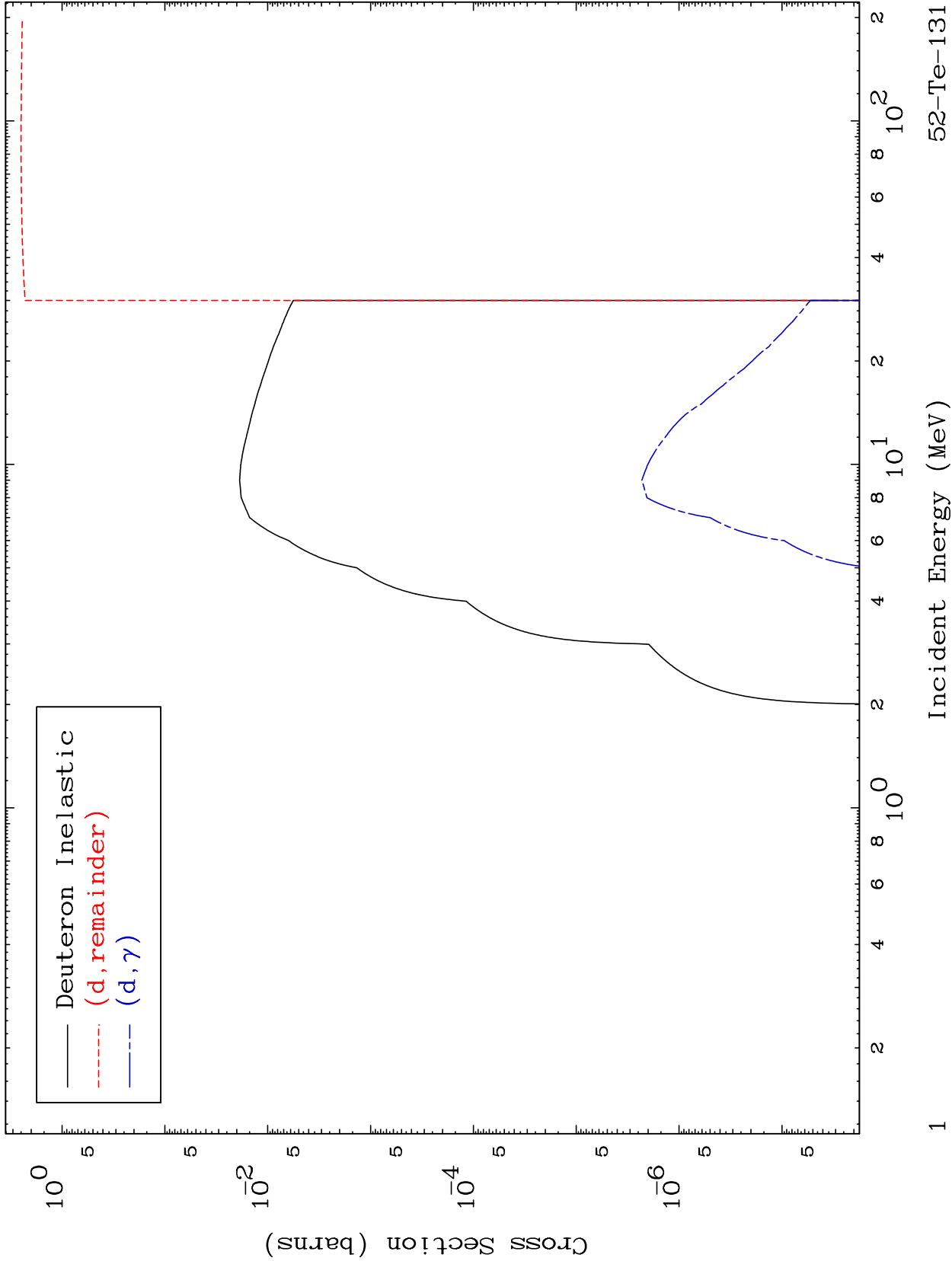
Web:redcullen1.net/HOMEPAGE.NEW

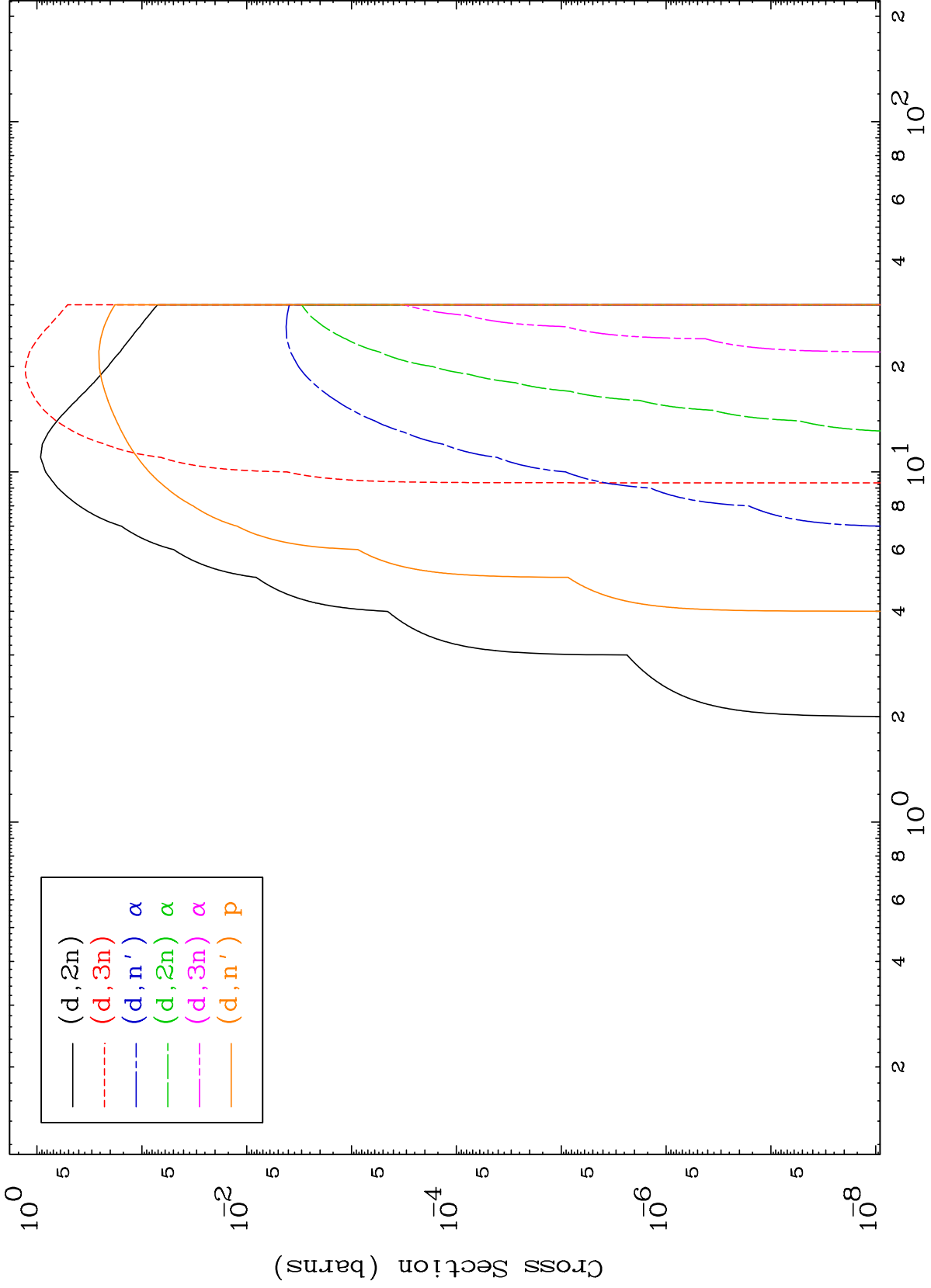
Press Mouse Button to Start

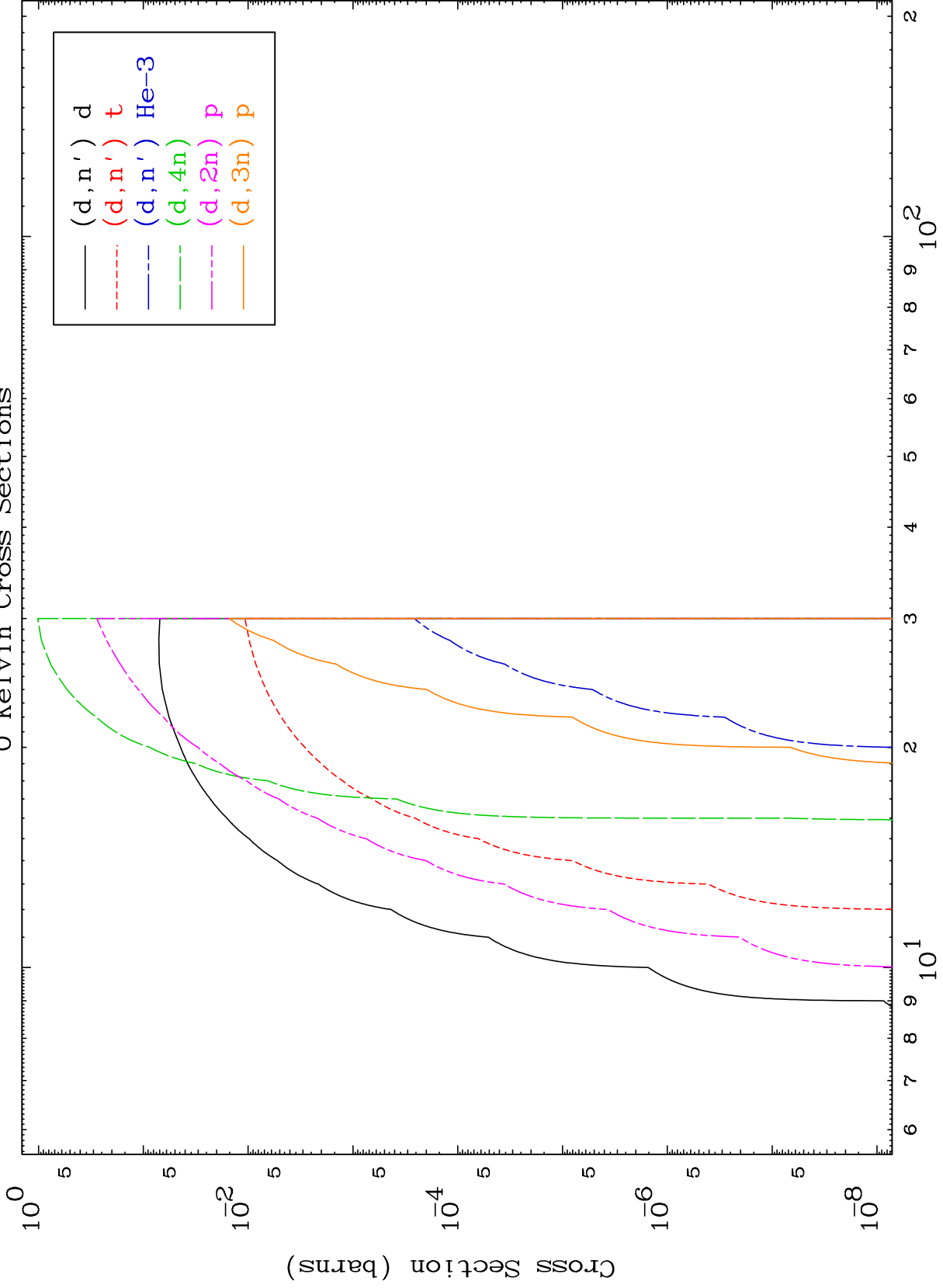
MAT 5259

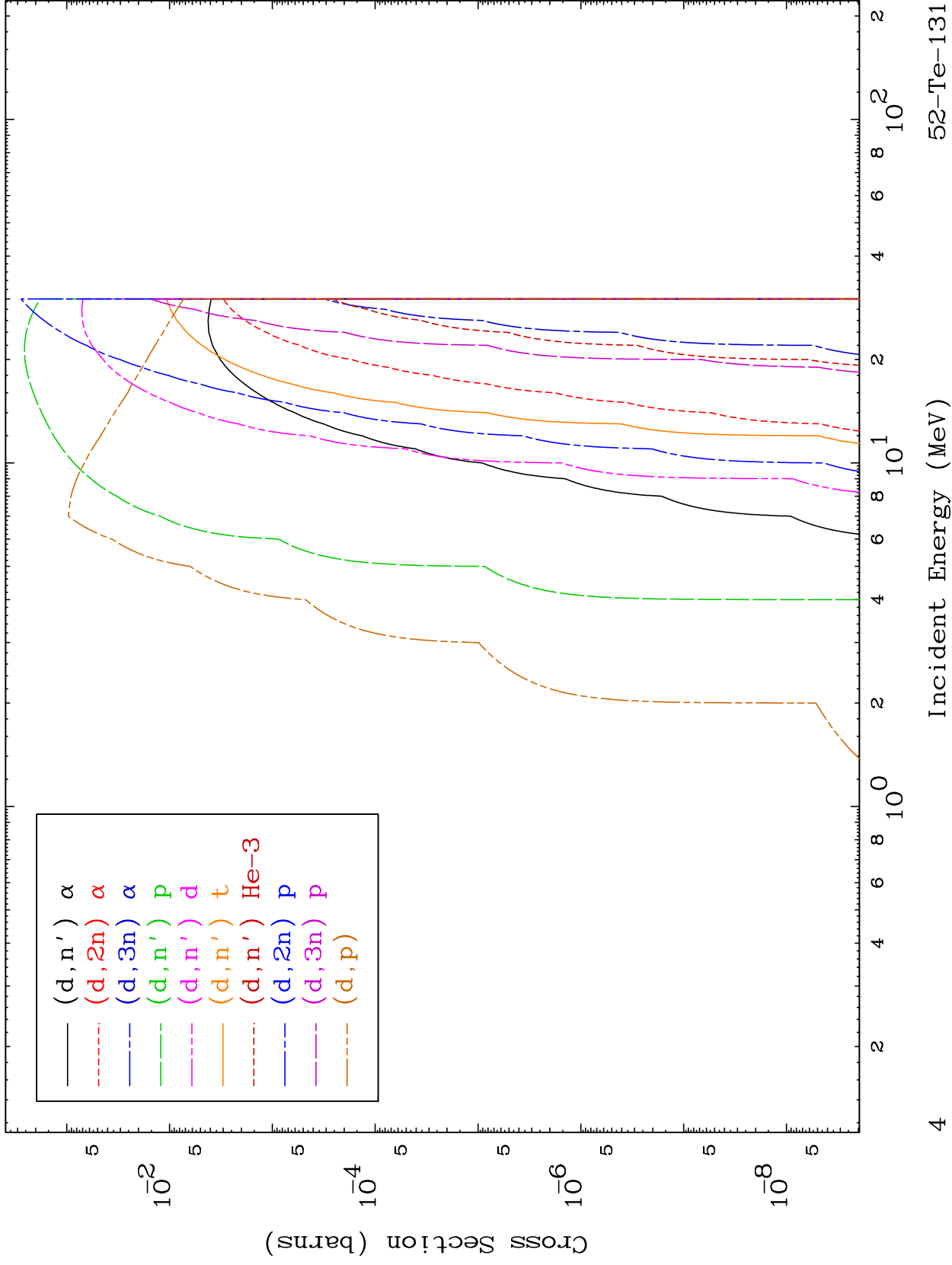
Deuteron Major
0 Kelvin Cross Sections

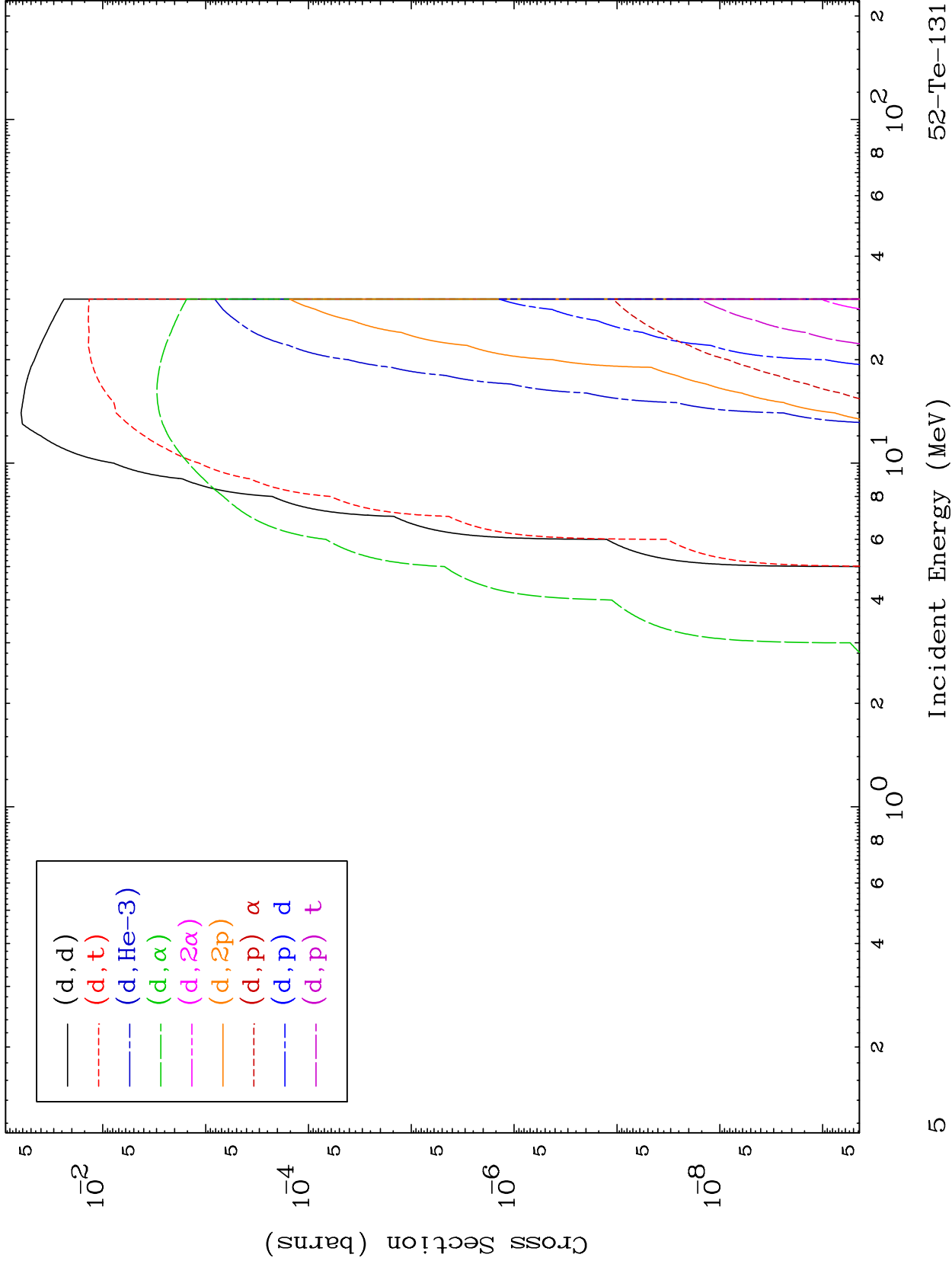
52-Te-131









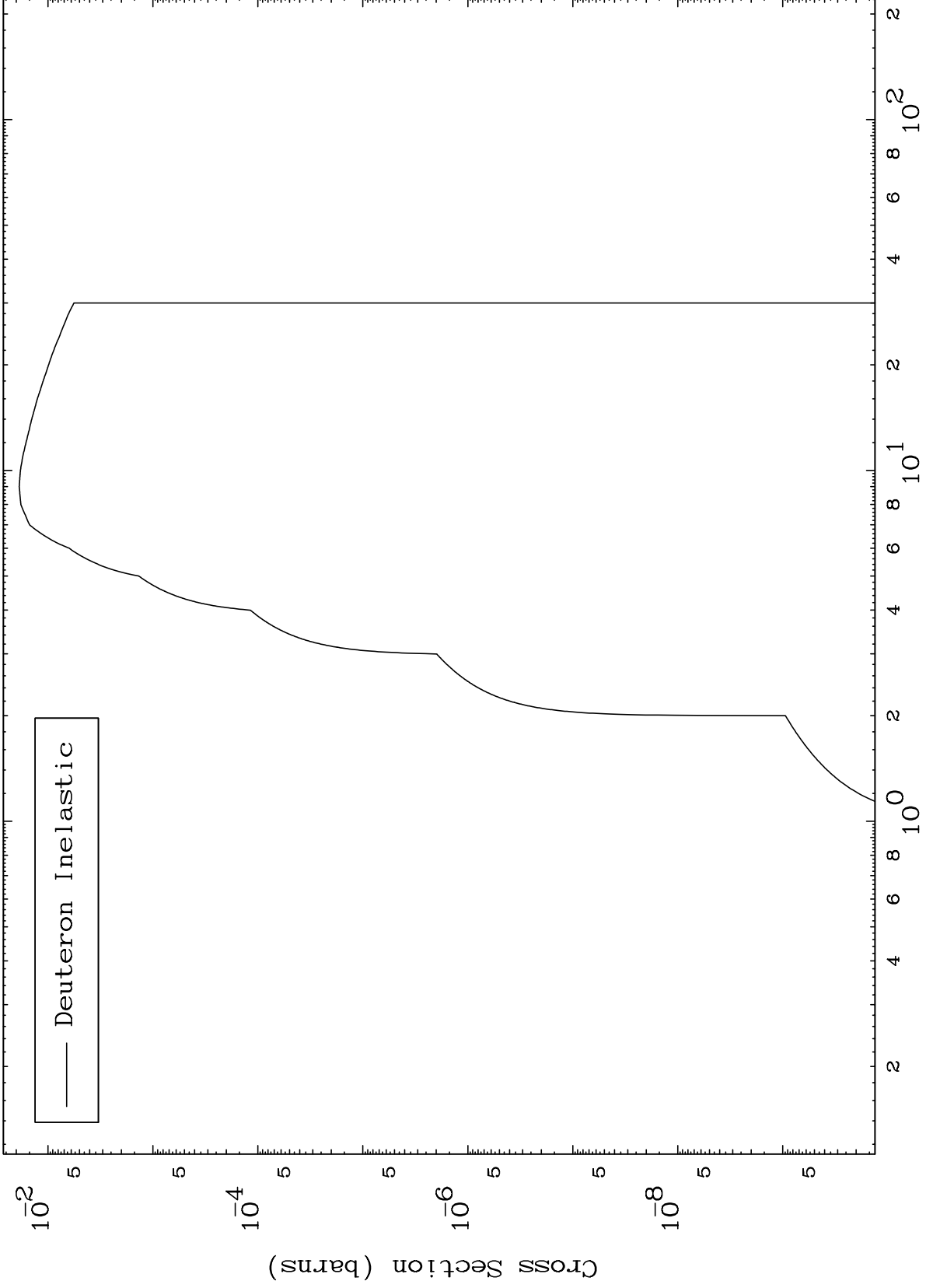


MAT 5259

(d,n') Level

52-Te-131

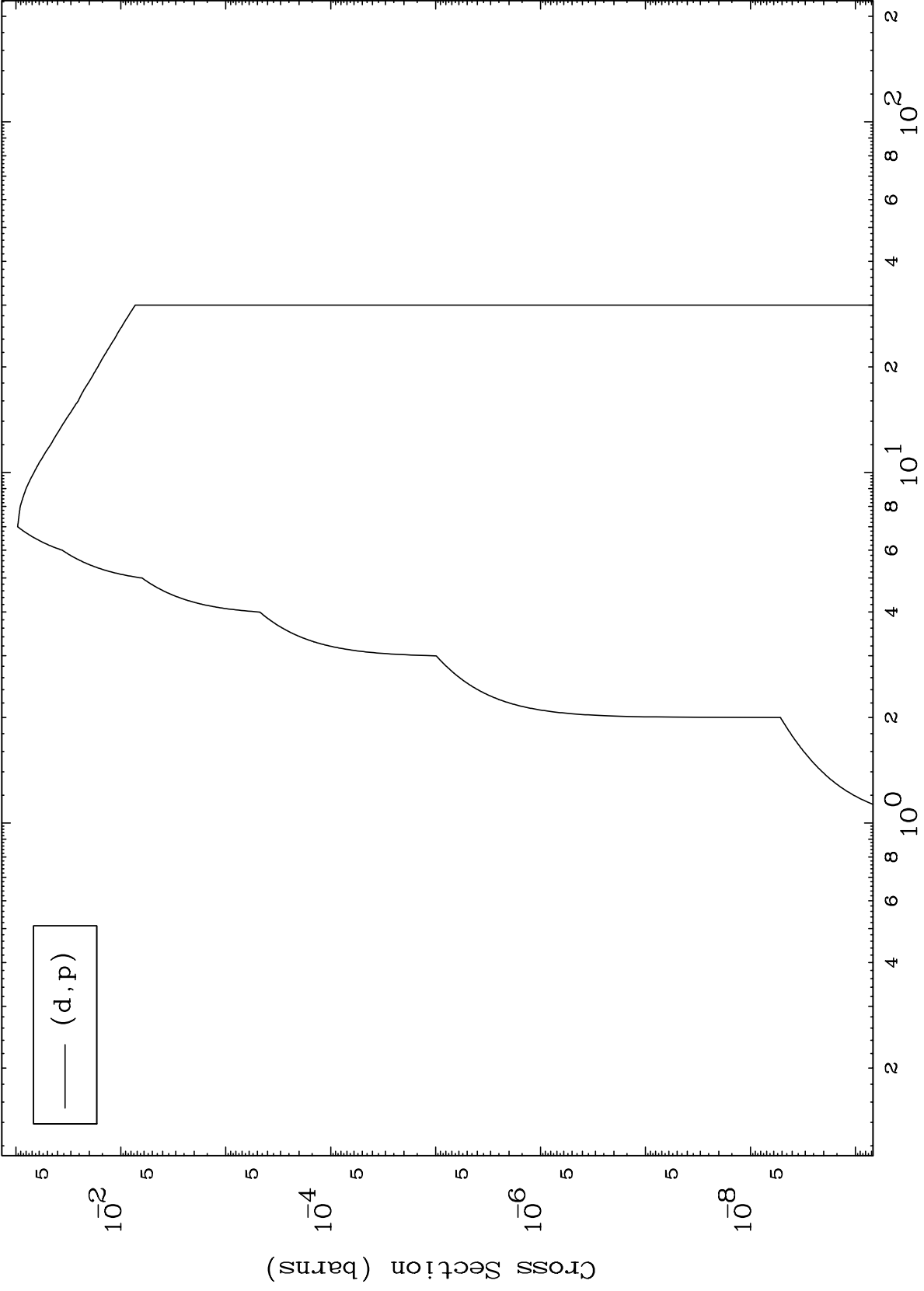
0 Kelvin Cross Sections



MAT 5259

52-Te-131

(d,p) Levels
0 Kelvin Cross Sections

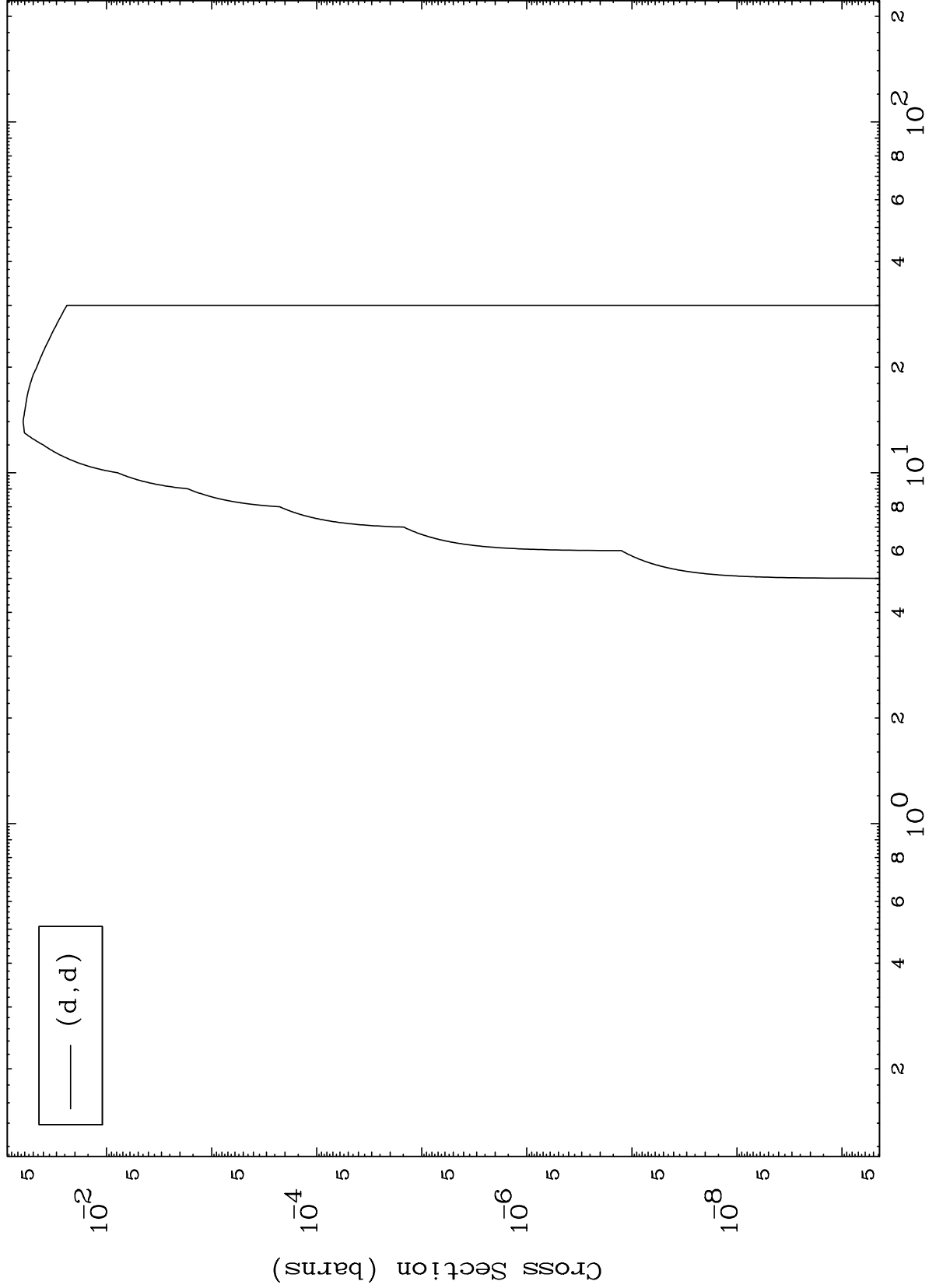


MAT 5259

(d,d) Levels

52-Te-131

0 Kelvin Cross Sections

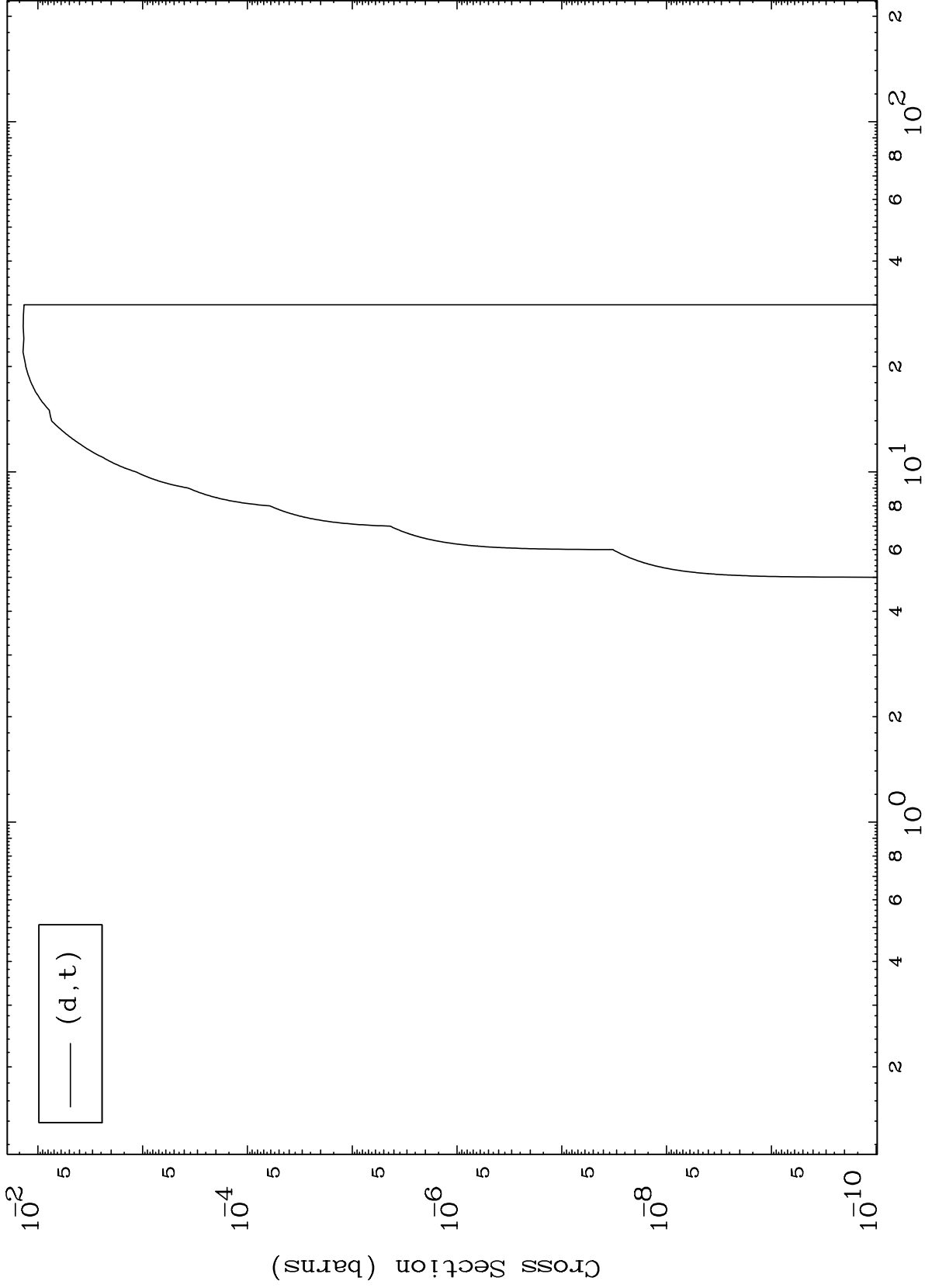


MAT 5259

(d,t) Levels

52-Te-131

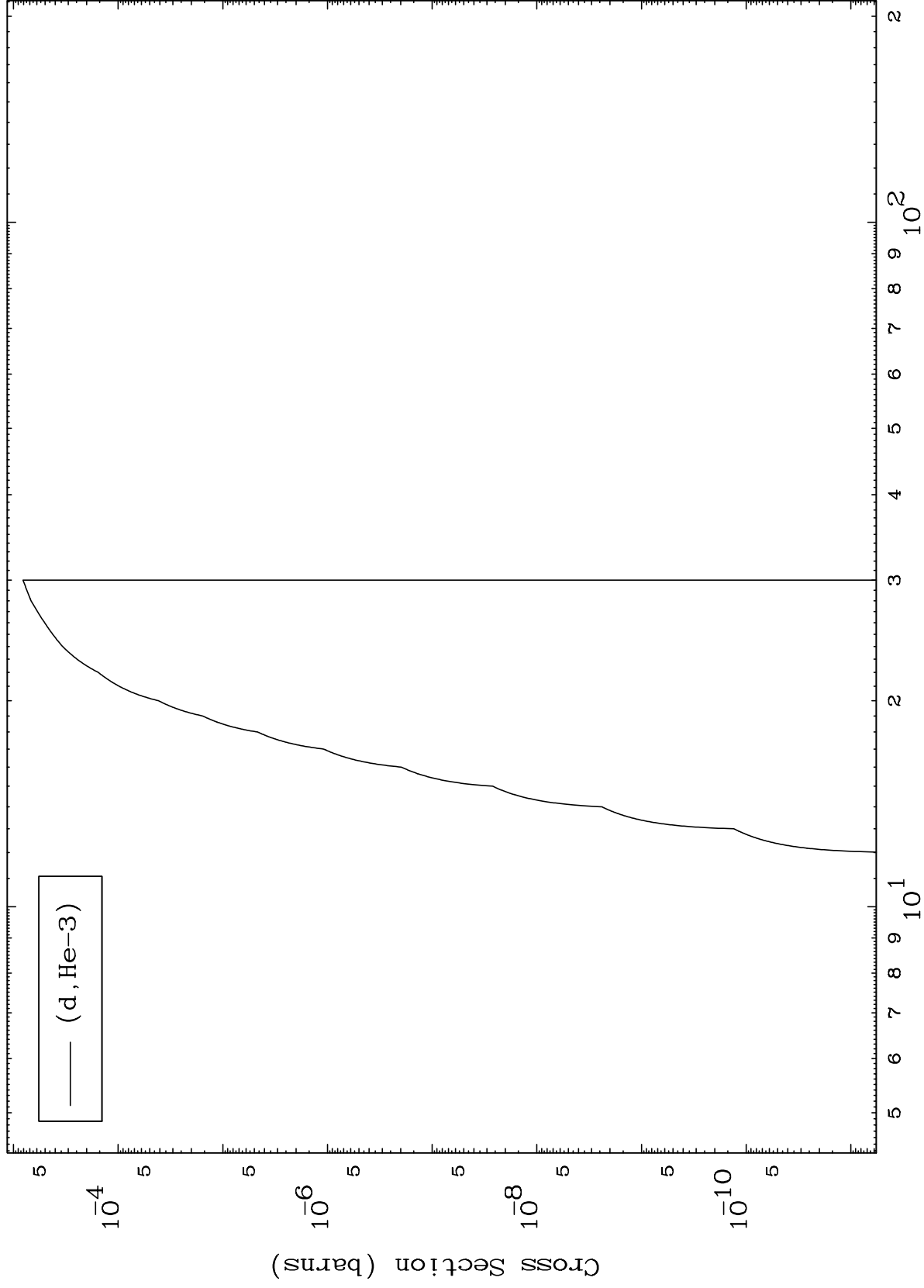
0 Kelvin Cross Sections



MAT 5259

(d,He3) Levels
0 Kelvin Cross Sections

52-Te-131



10

Incident Energy (MeV)

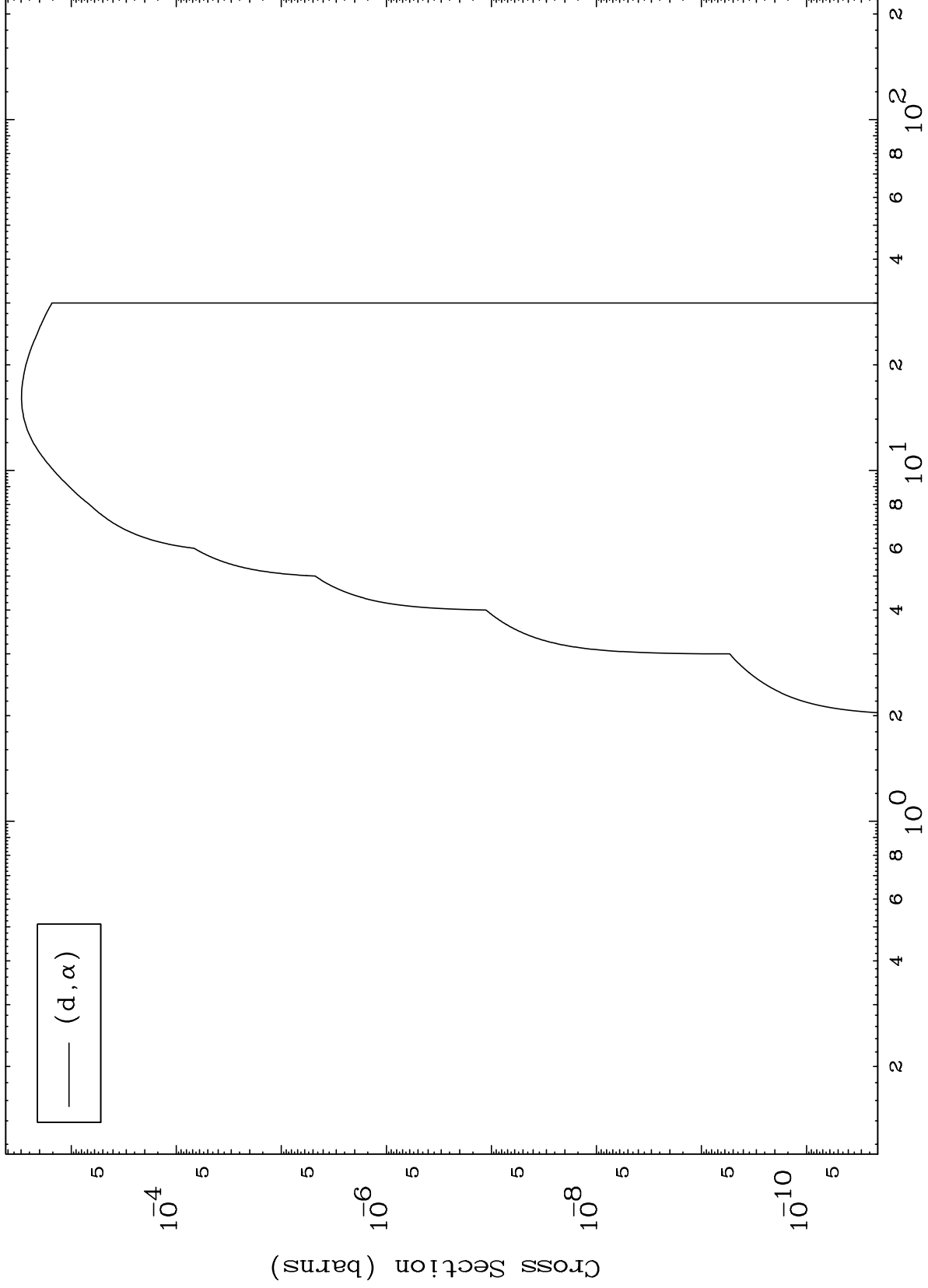
52-Te-131

MAT 5259

(d, α) Levels

52-Te-131

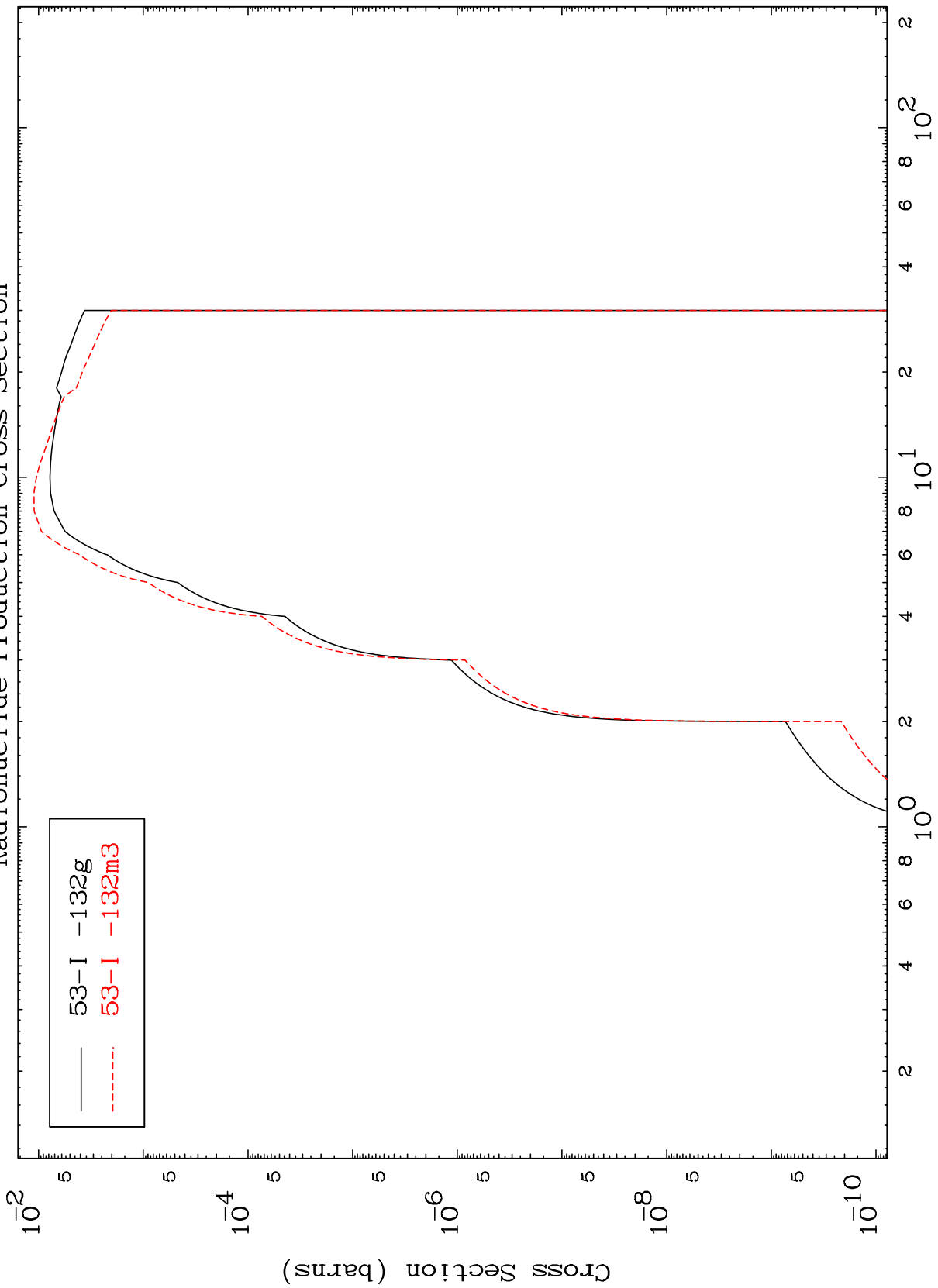
0 Kelvin Cross Sections



MAT 5259

52-Te-131

Deuteron Inelastic
Radionuclide Production Cross Section

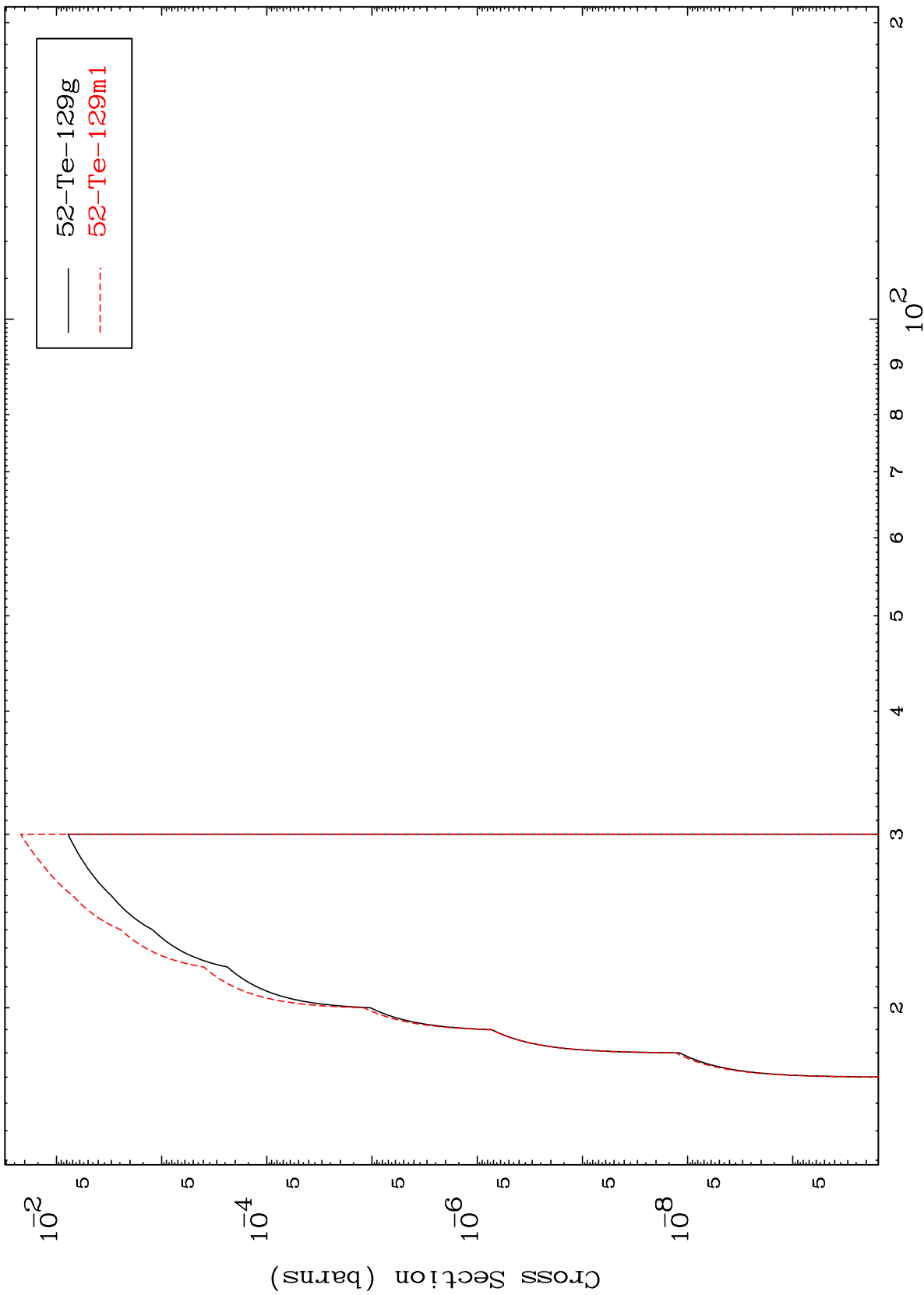


MAT 5259

(d,2n) d

52-Te-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

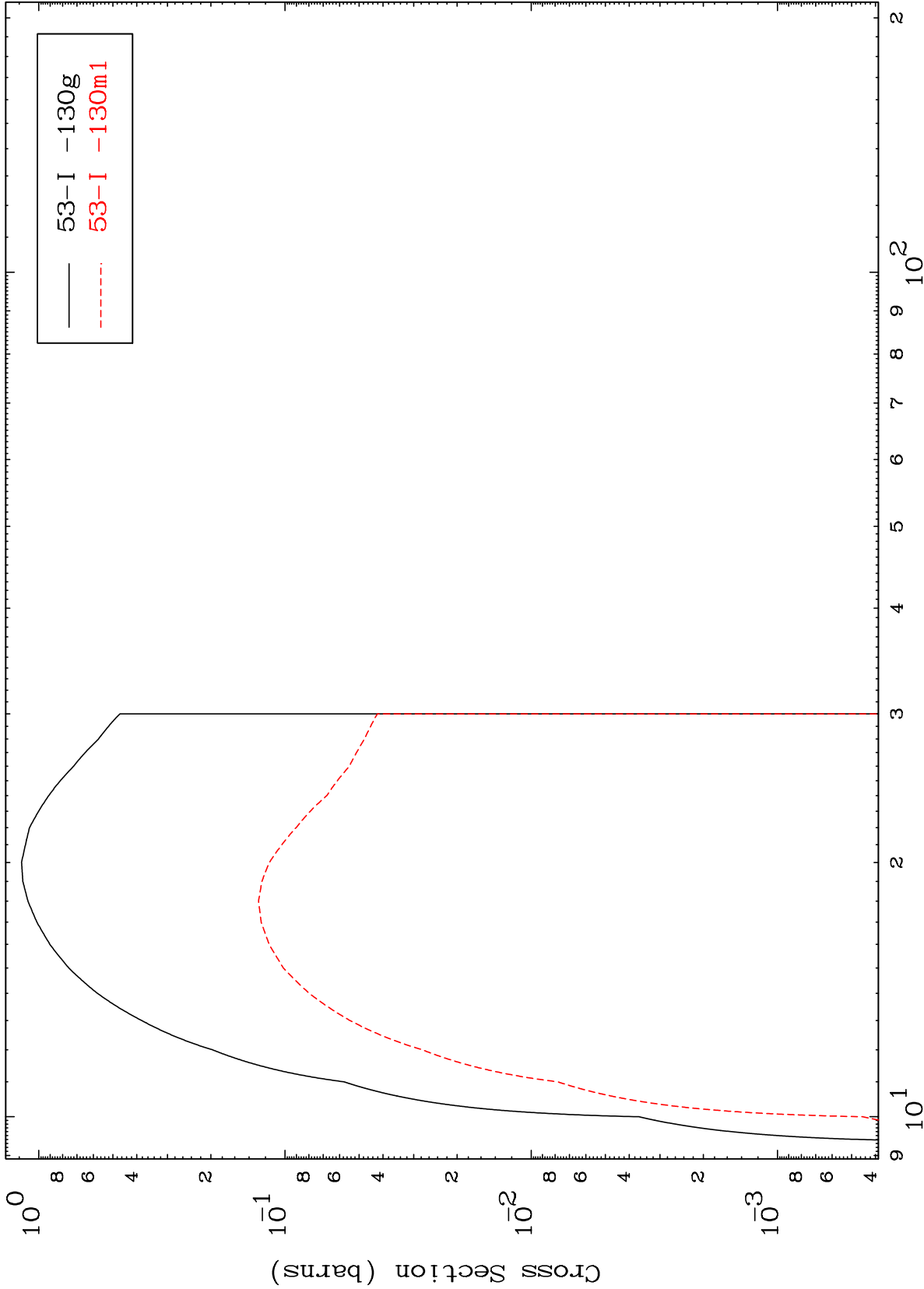
52-Te-131

MAT 5259

(d,3n)

52-Te-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

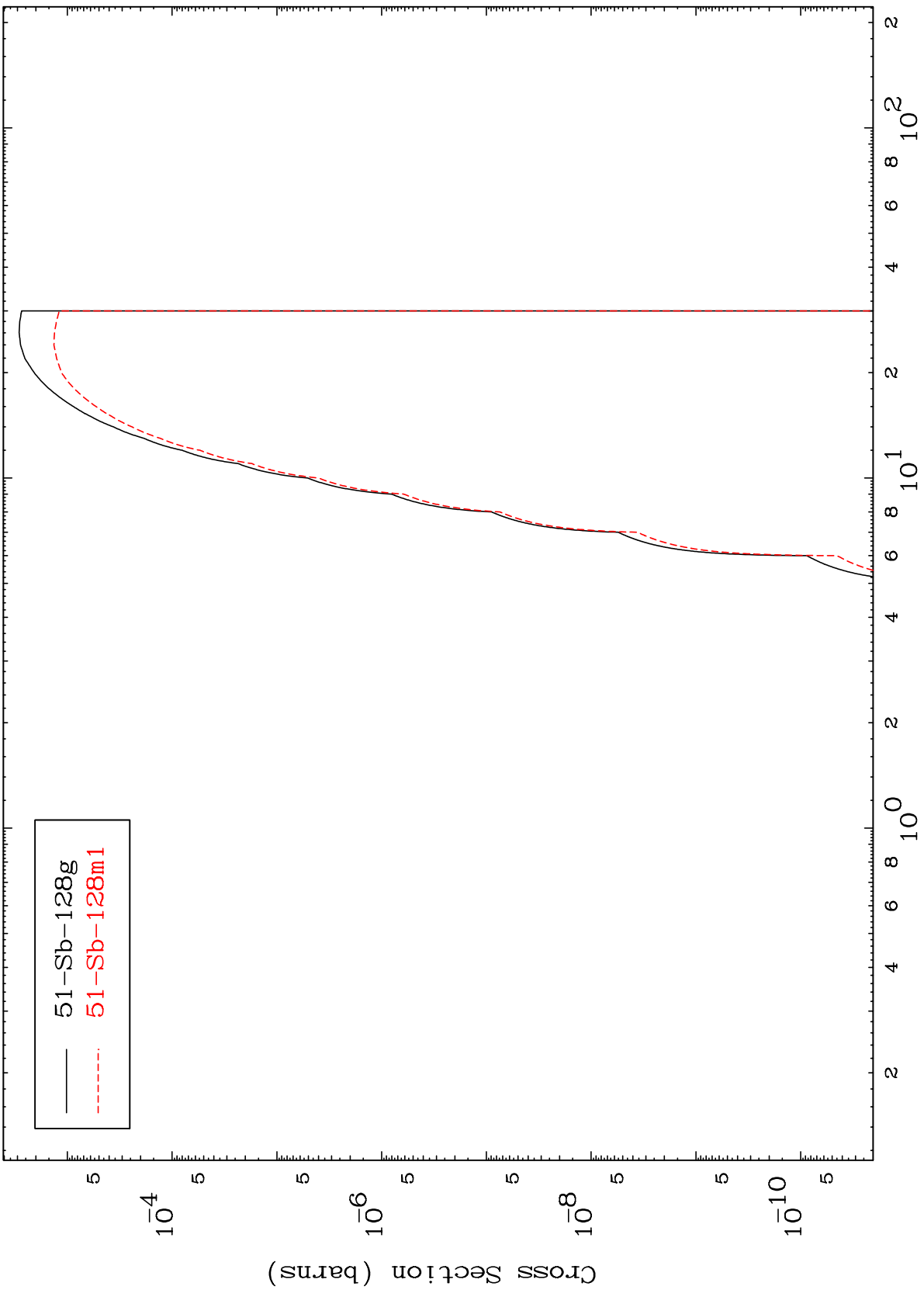
52-Te-131

MAT 5259

(d,n') α

52-Te-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

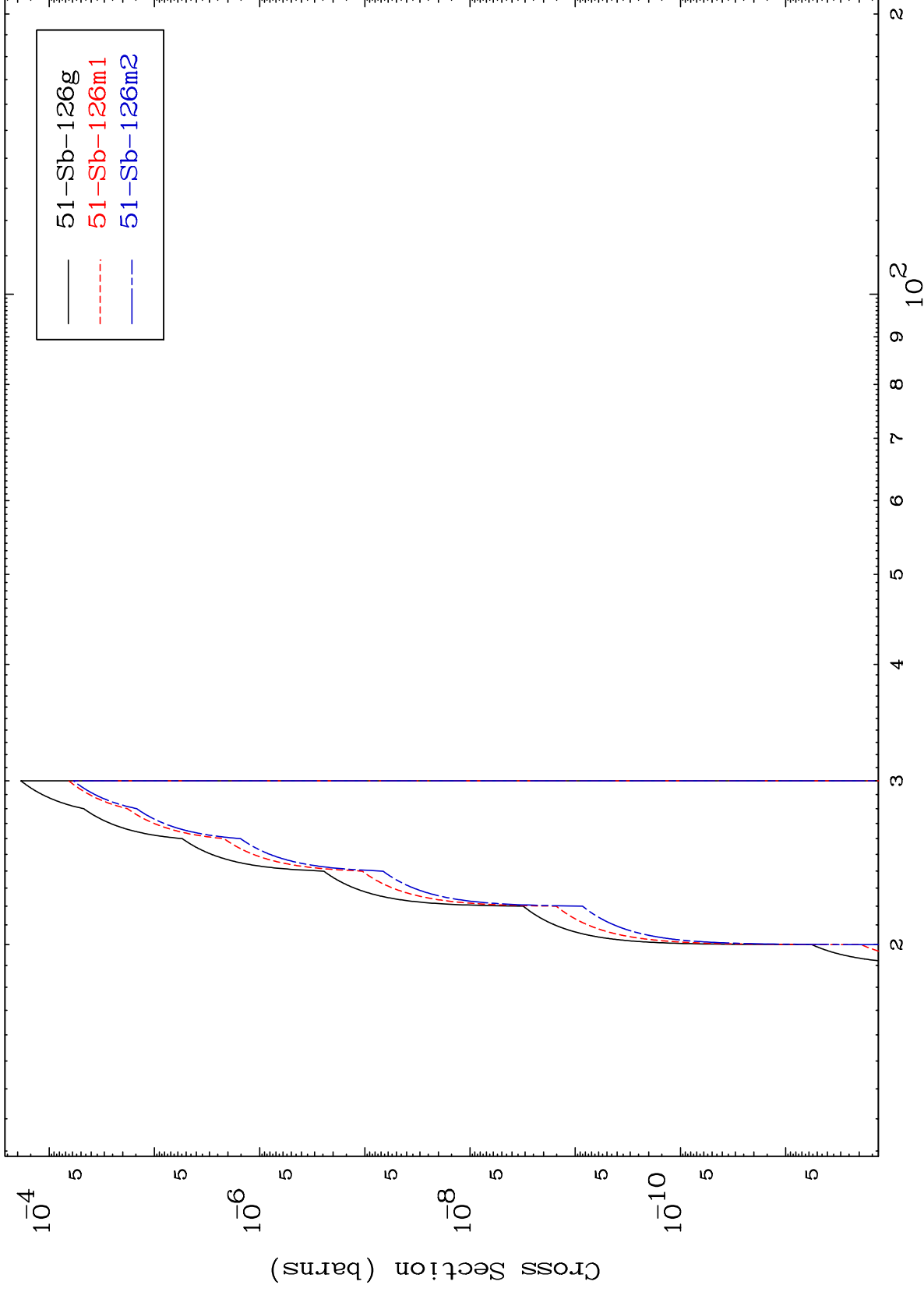
52-Te-131

MAT 5259

(d,3n) α

52-Te-131

Radionuclide Production Cross Section



16

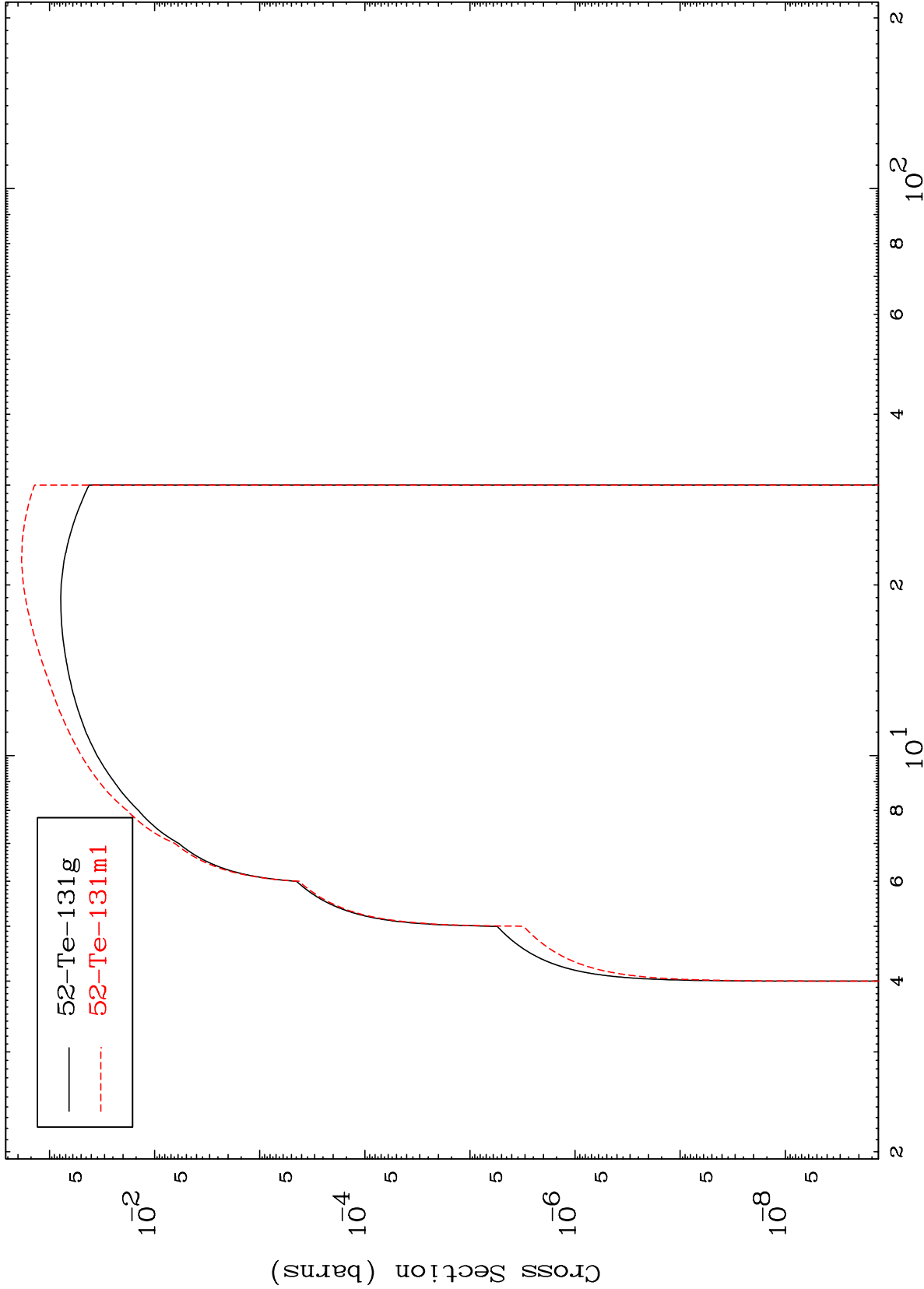
Incident Energy (MeV)

52-Te-131

MAT 5259

52-Te-131

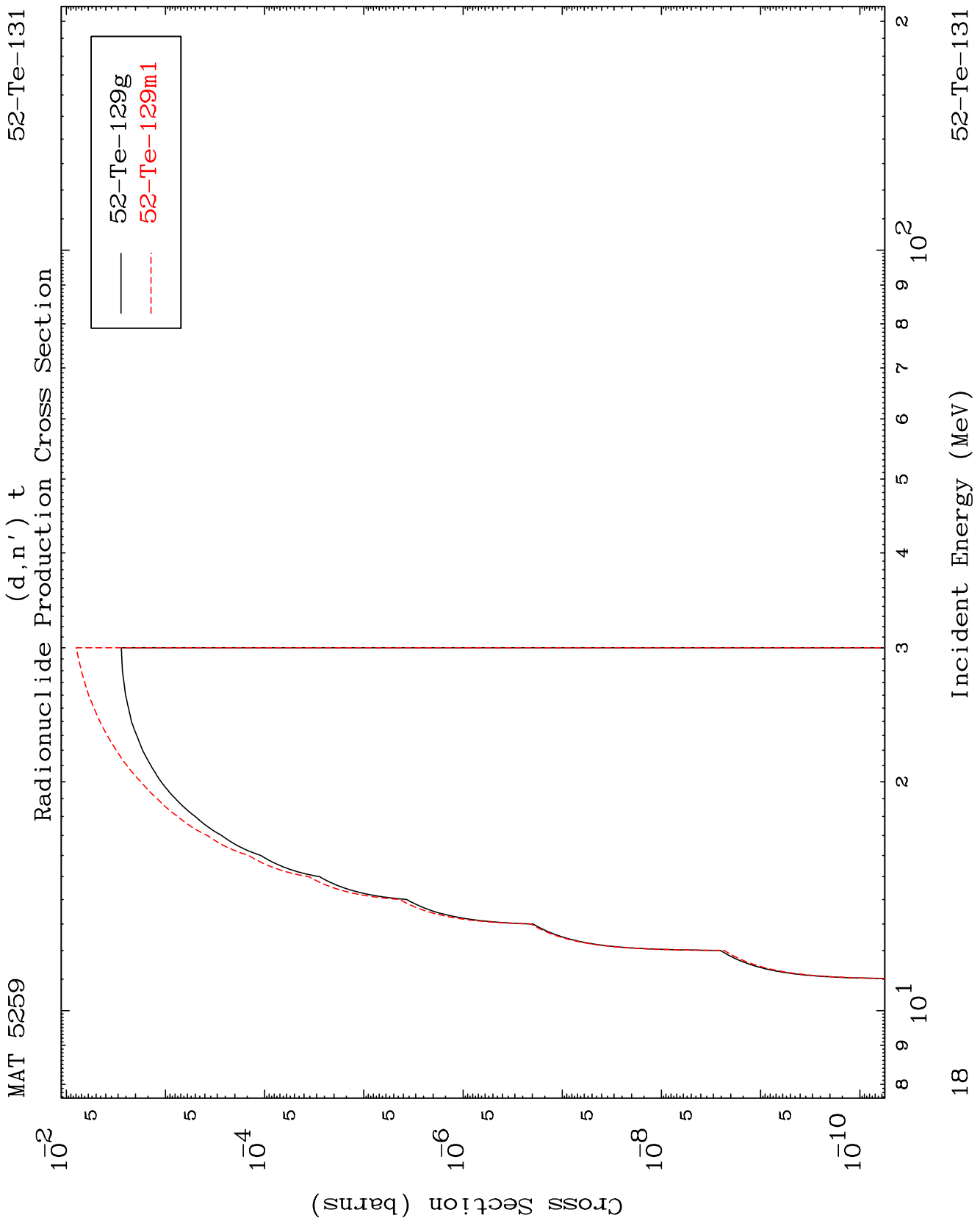
(d,n') p
Radionuclide Production Cross Section



17

52-Te-131

Incident Energy (MeV)

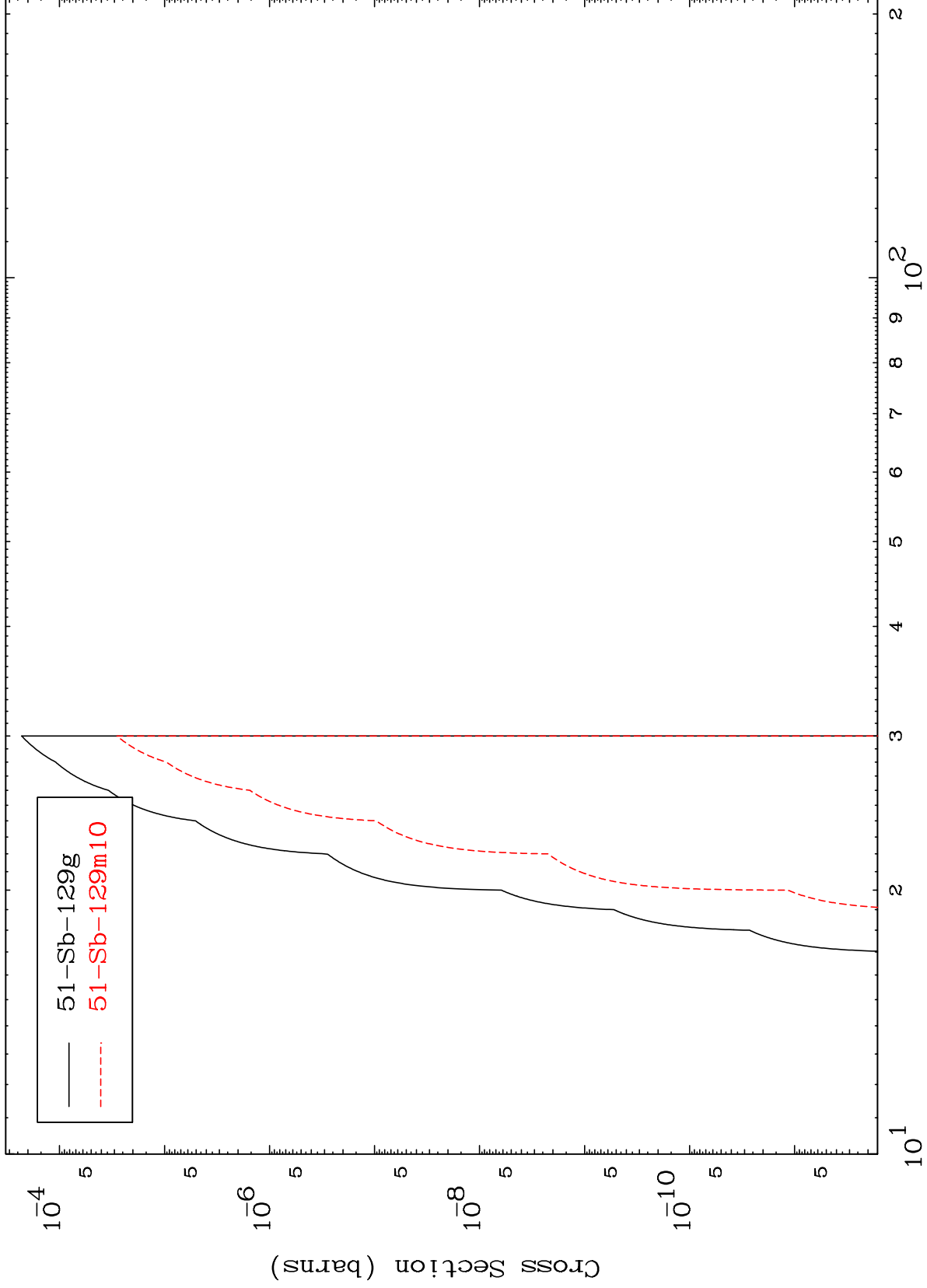


MAT 5259

(d,n') He-3

52-Te-131

Radionuclide Production Cross Section



Incident Energy (MeV)

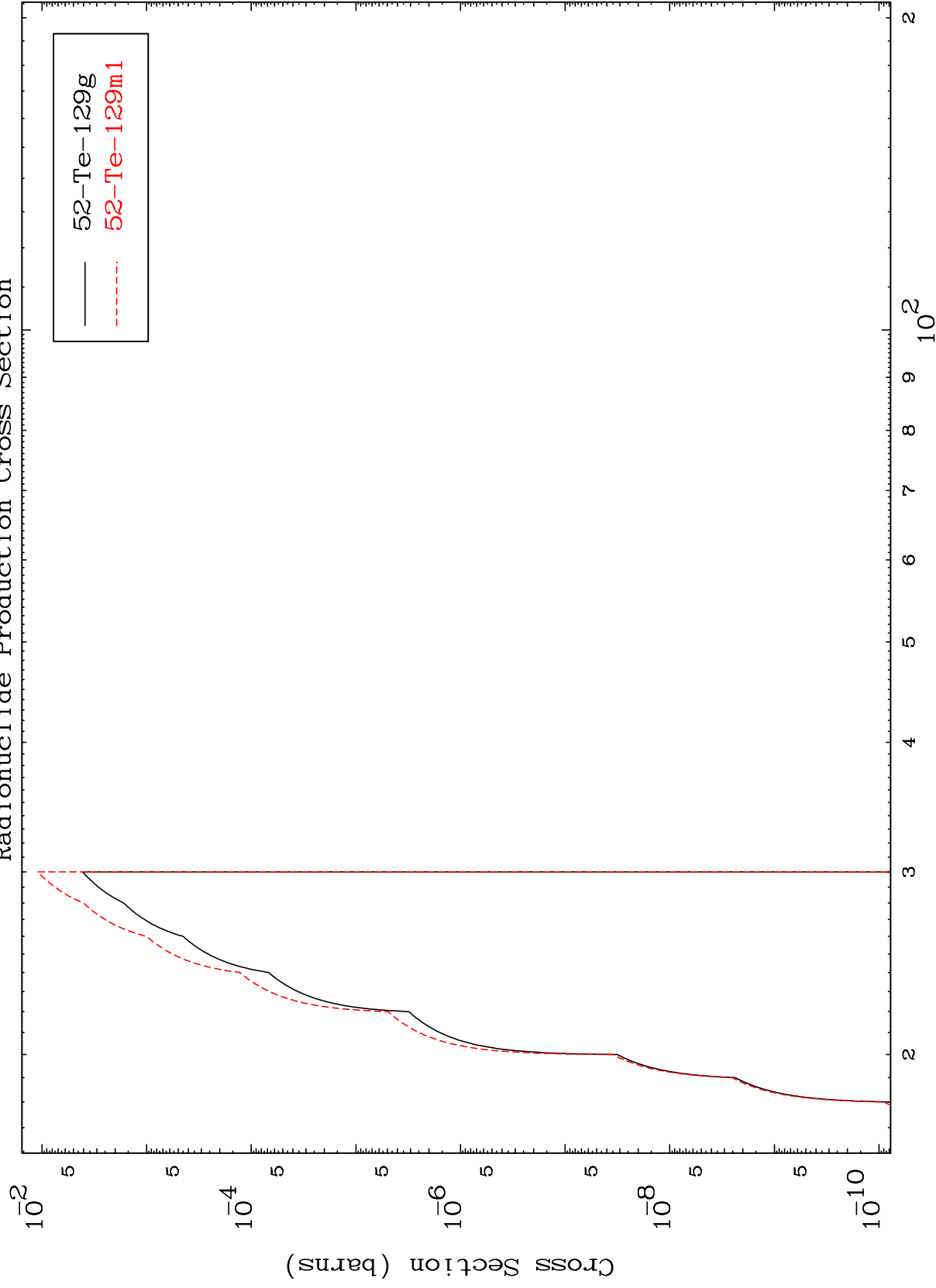
52-Te-131

19

MAT 5259

52-Te-131

(d,3n) p
Radionuclide Production Cross Section

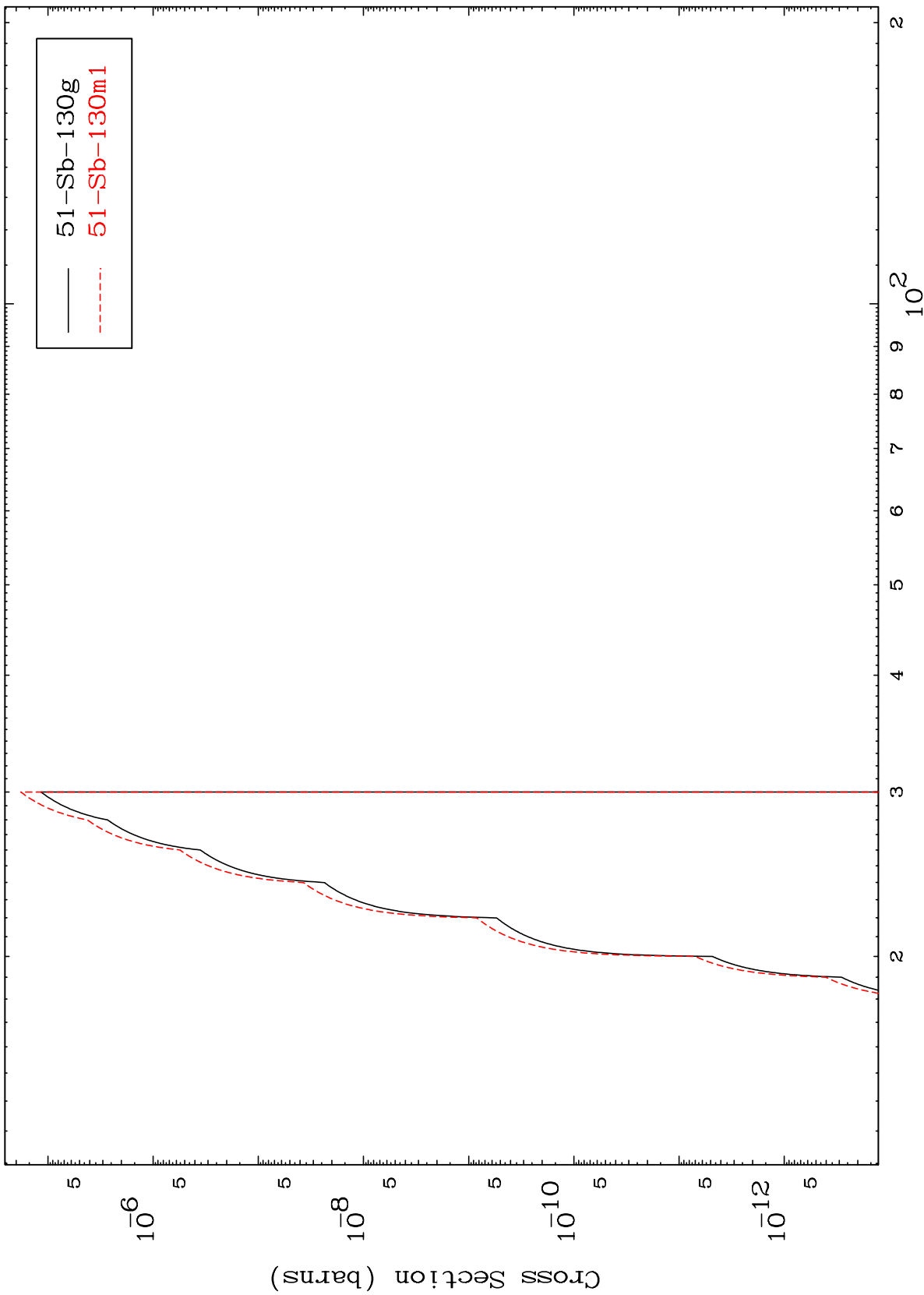


20

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

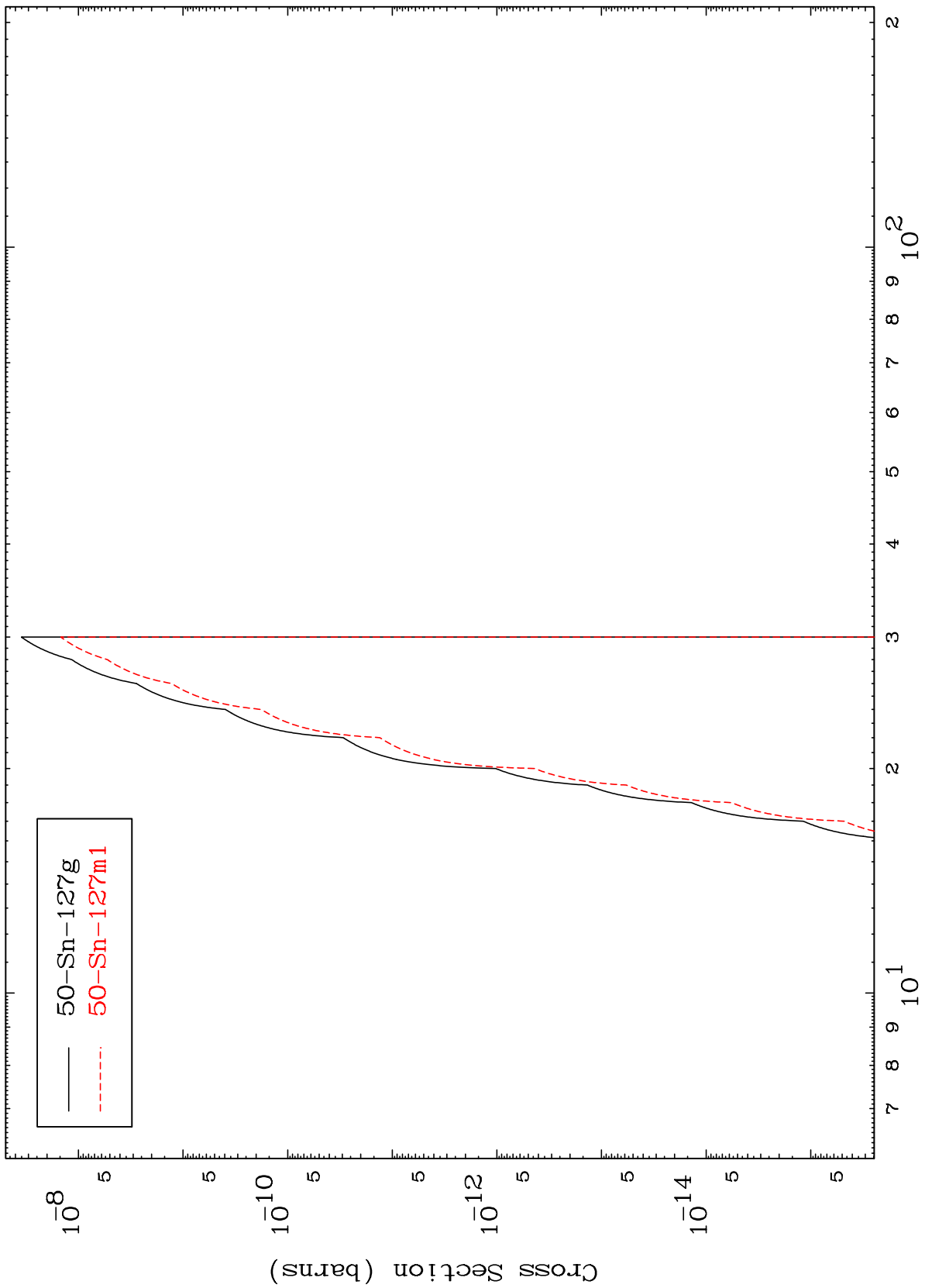


MAT 5259

(d,n') p α

52-Te-131

Radionuclide Production Cross Section



22

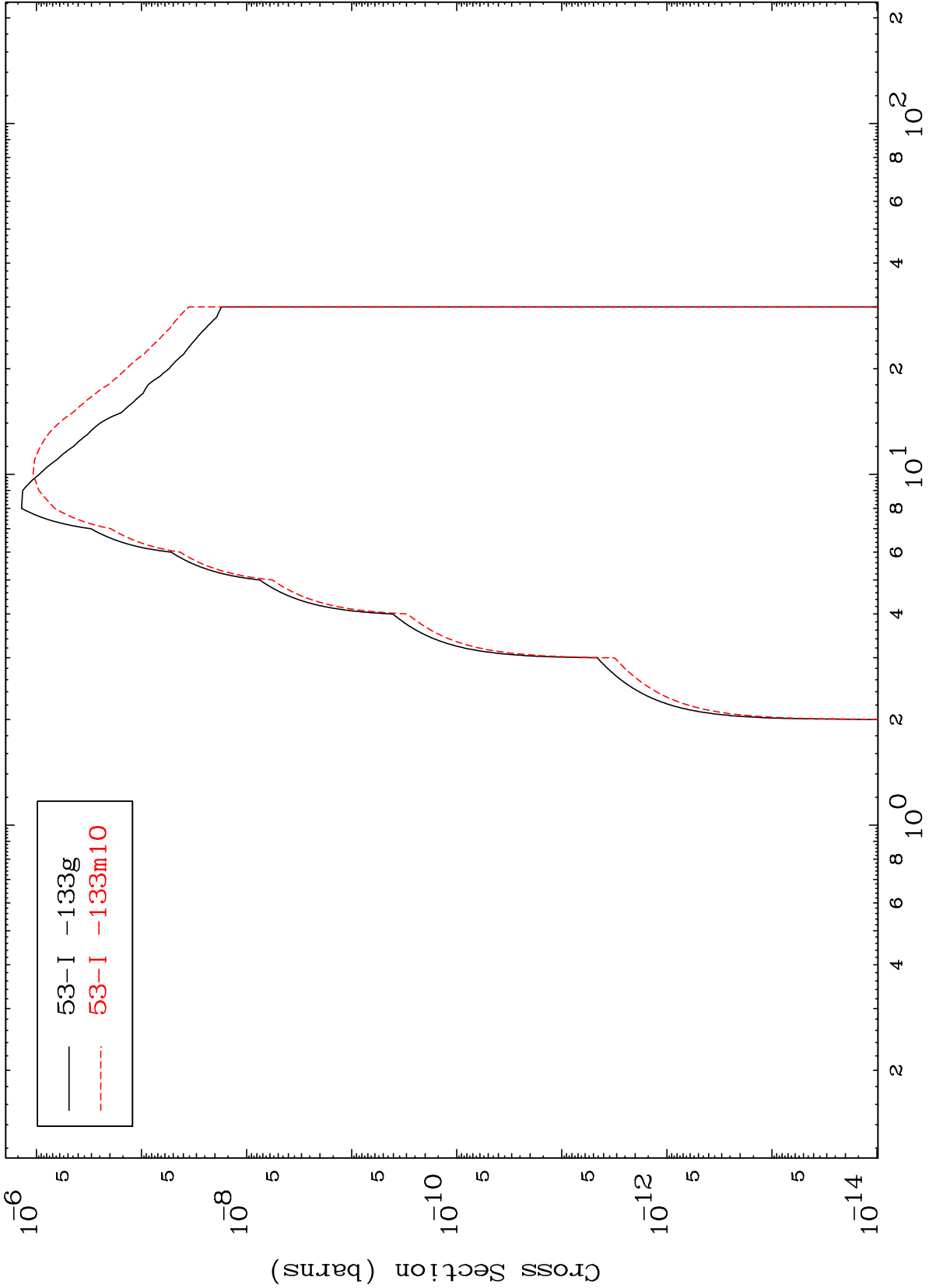
Incident Energy (MeV)

52-Te-131

MAT 5259

52-Te-131

(d, γ)
Radionuclide Production Cross Section



53-I-133g
53-I-133m10

52-Te-131

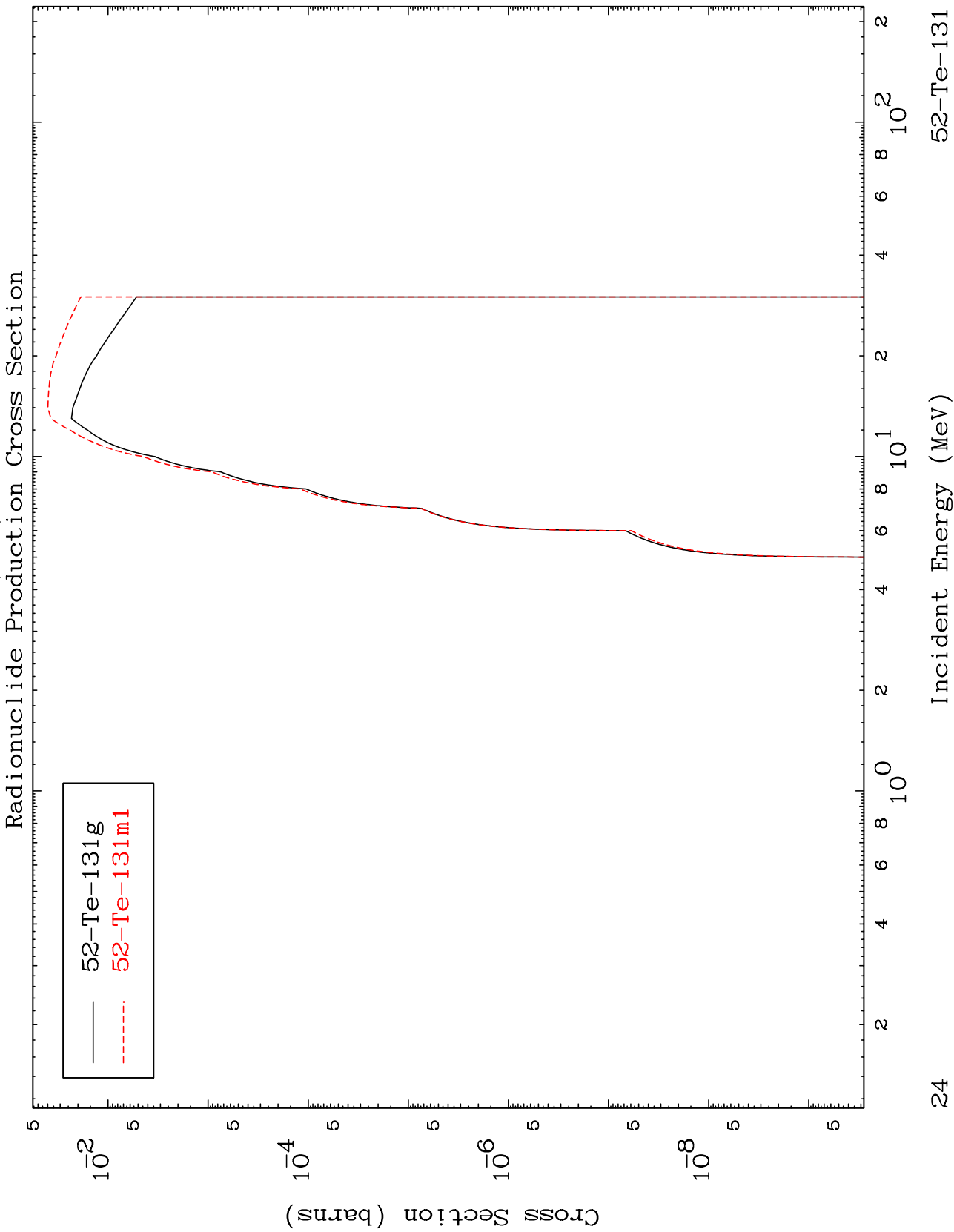
Incident Energy (MeV)

23

MAT 5259

(d,d)

52-Te-131



24

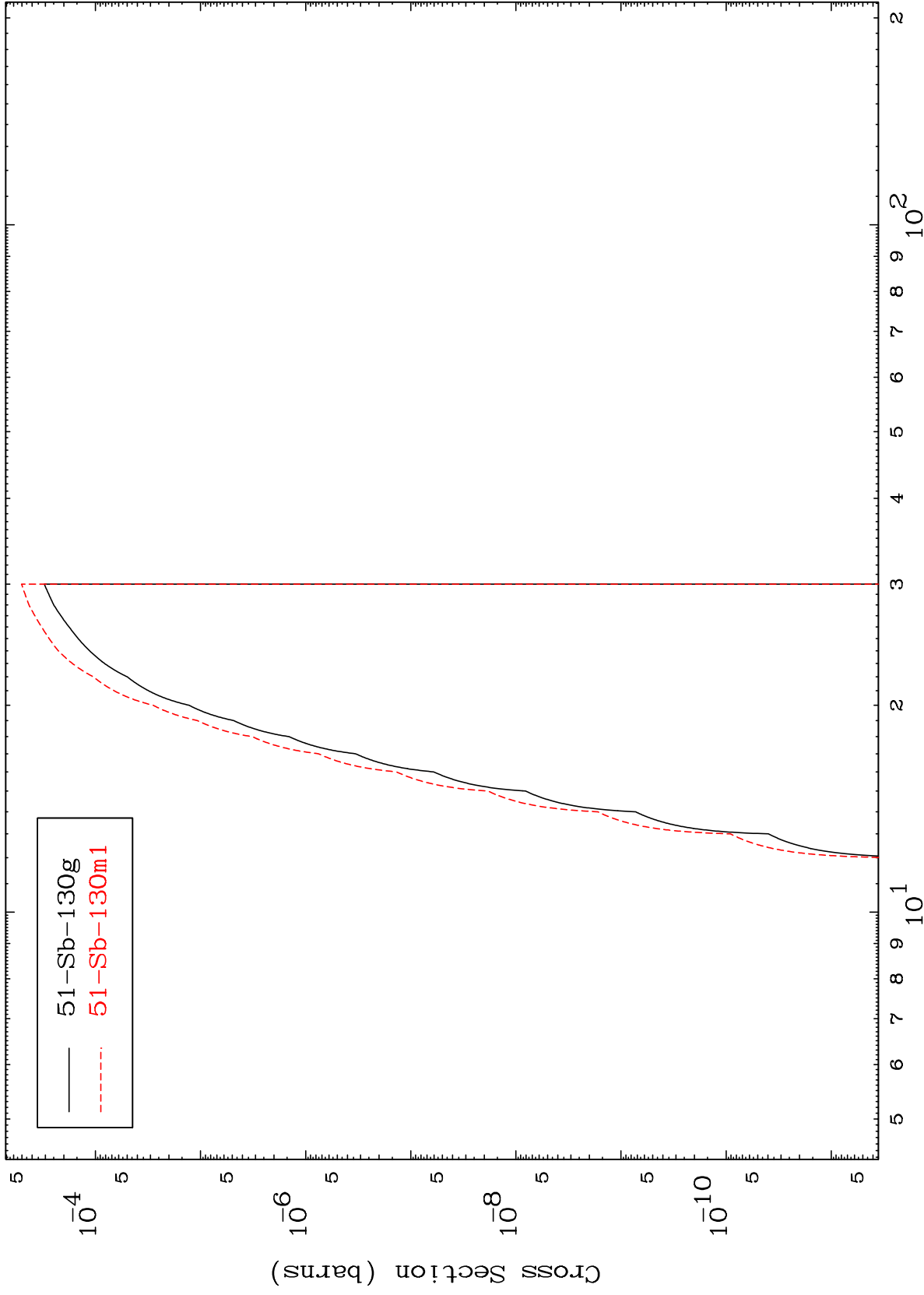
52-Te-131

MAT 5259

(d,He-3)

52-Te-131

Radionuclide Production Cross Section



Incident Energy (MeV)

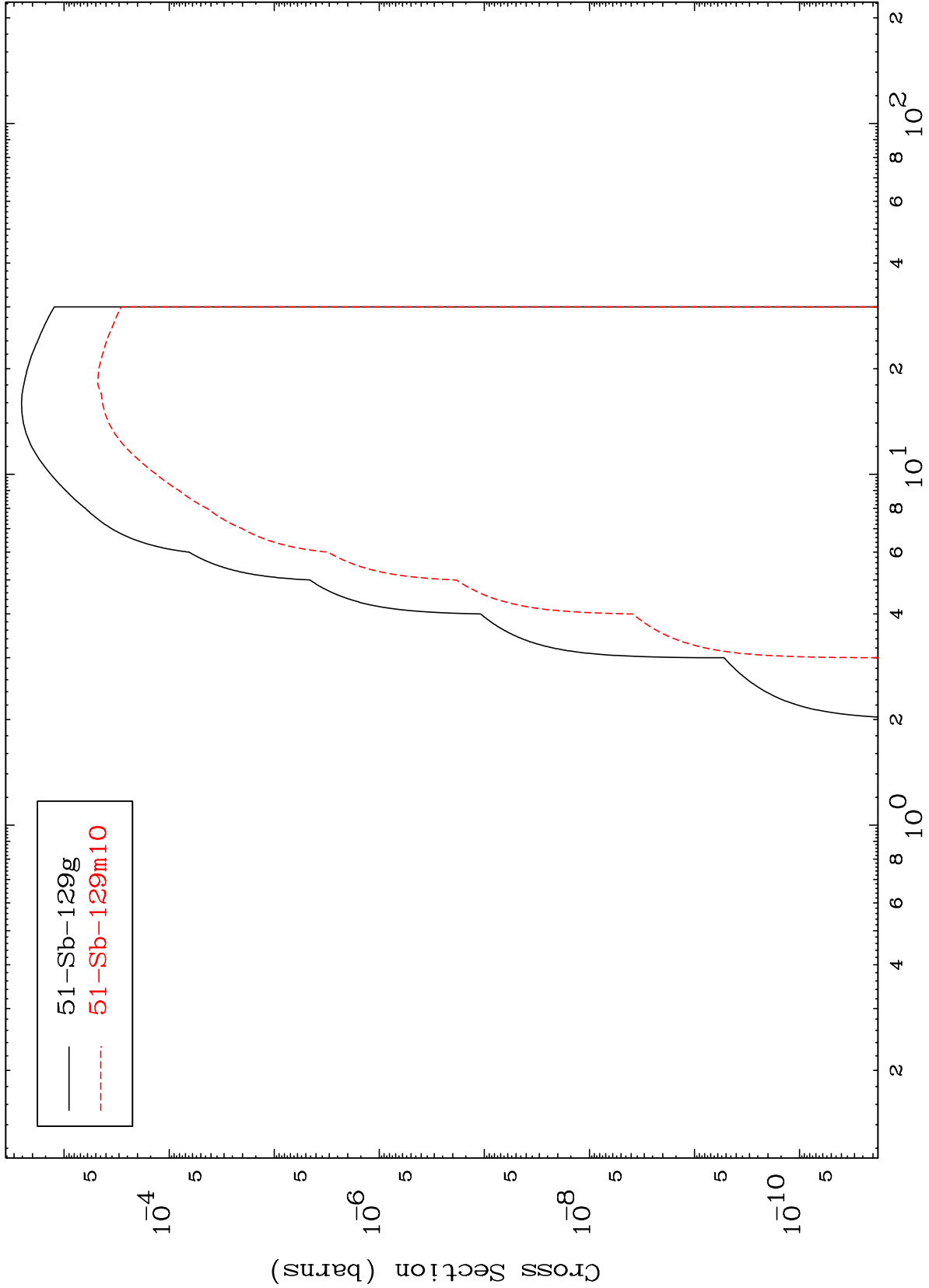
52-Te-131

25

MAT 5259

52-Te-131

(d, α)
Radionuclide Production Cross Section

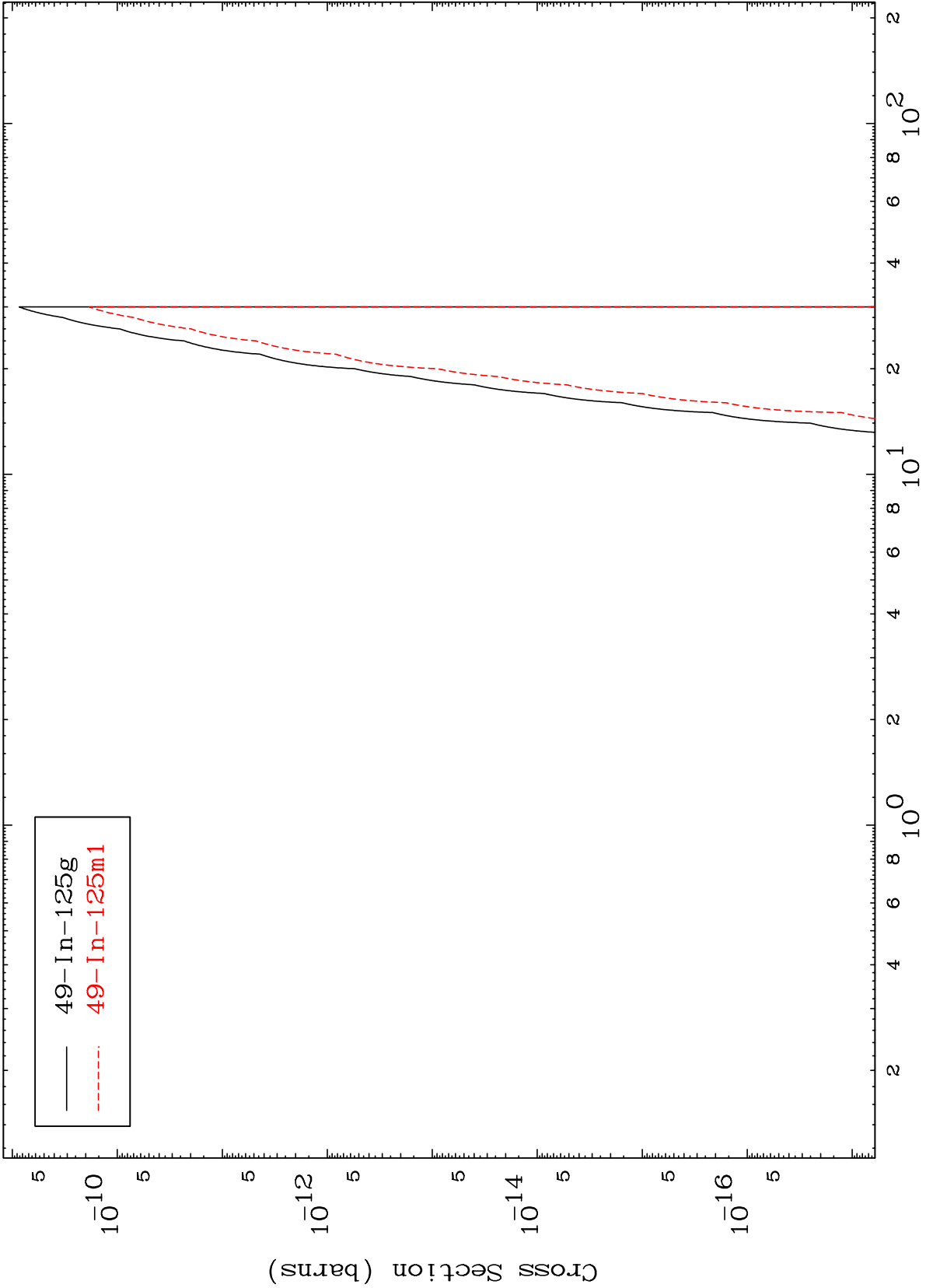


MAT 5259

(d,2α)

52-Te-131

Radionuclide Production Cross Section



— 49-In-125g
- - - 49-In-125m1

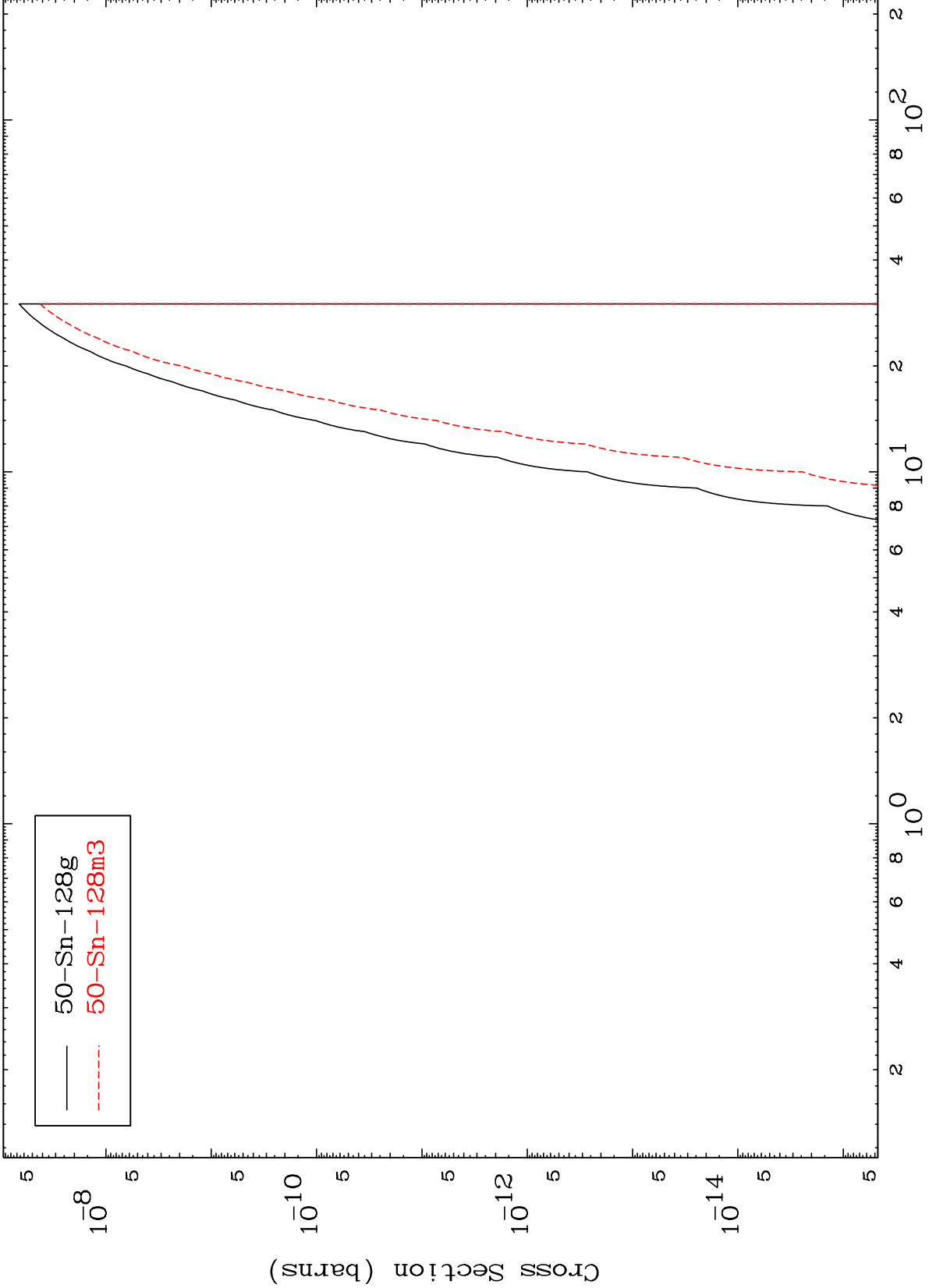
Cross Section (barns)

MAT 5259

(d,p) α

52-Te-131

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

28

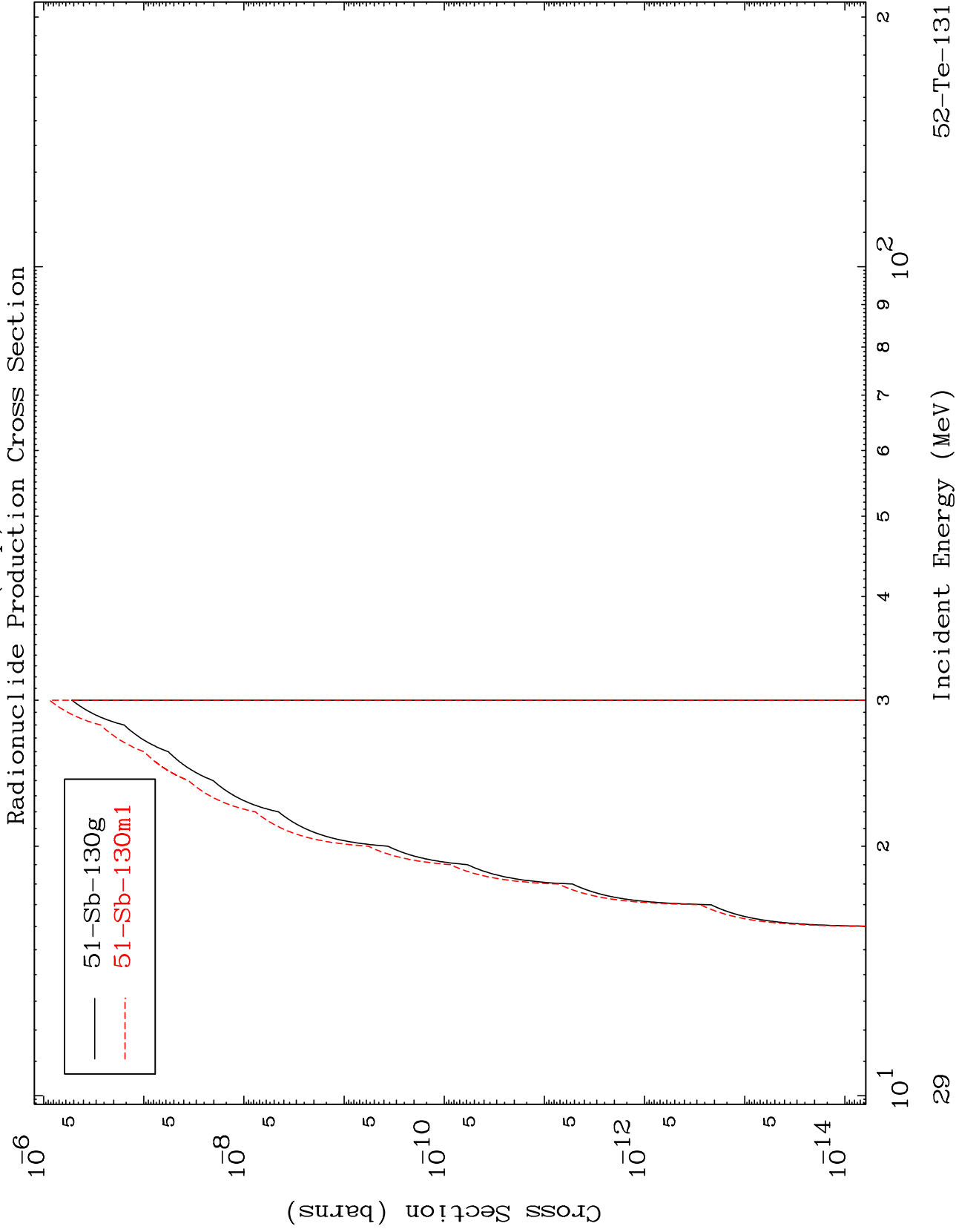
Incident Energy (MeV)

52-Te-131

MAT 5259

(d,p) d

52-Te-131



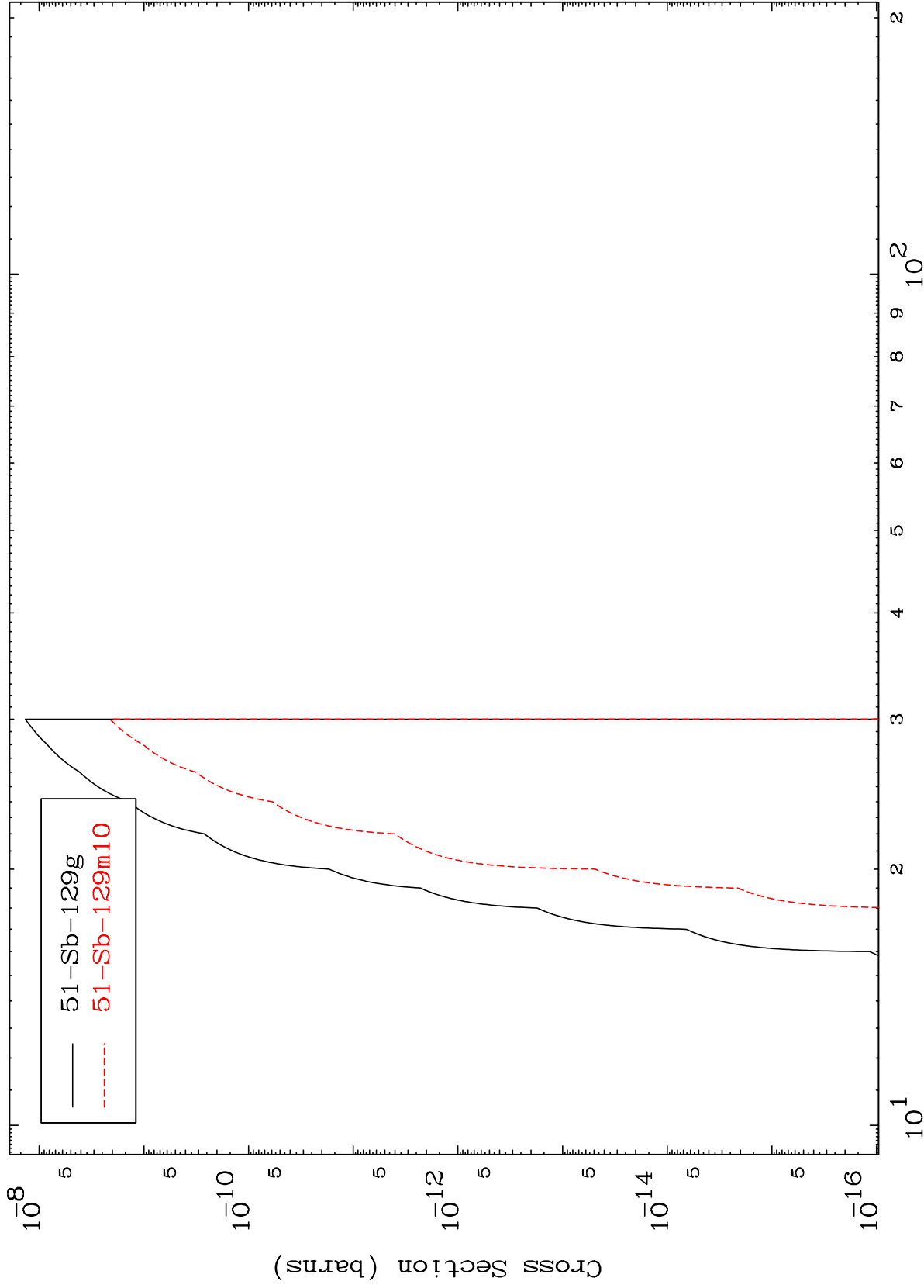
29

MAT 5259

(d,p) t

52-Te-131

Radionuclide Production Cross Section



51-Sb-129g
51-Sb-129m10

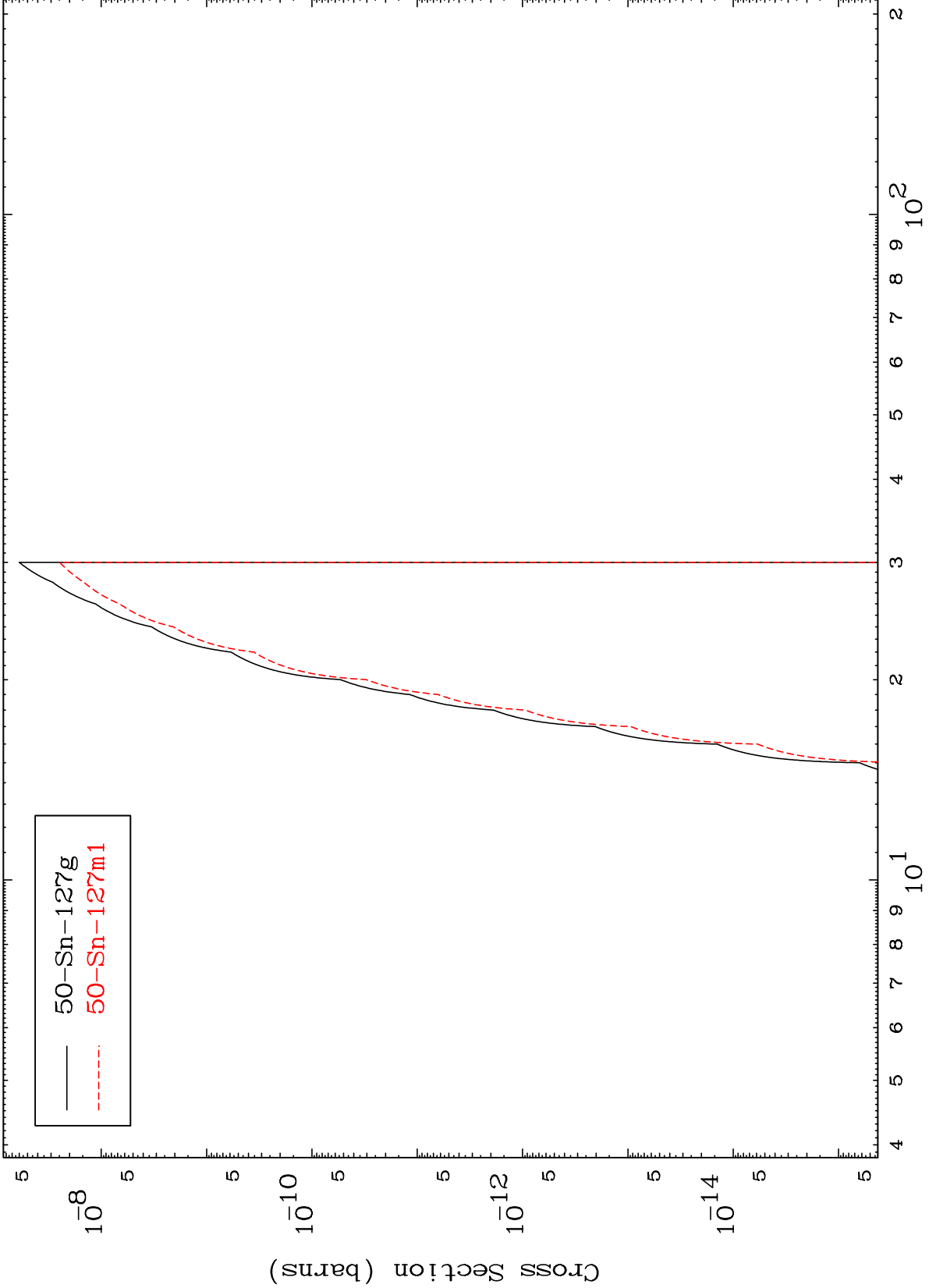
52-Te-131

MAT 5259

(d,d) α

52-Te-131

Radionuclide Production Cross Section



31

Incident Energy (MeV)

52-Te-131