

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

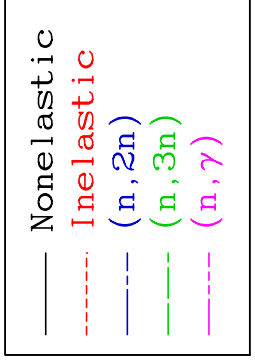
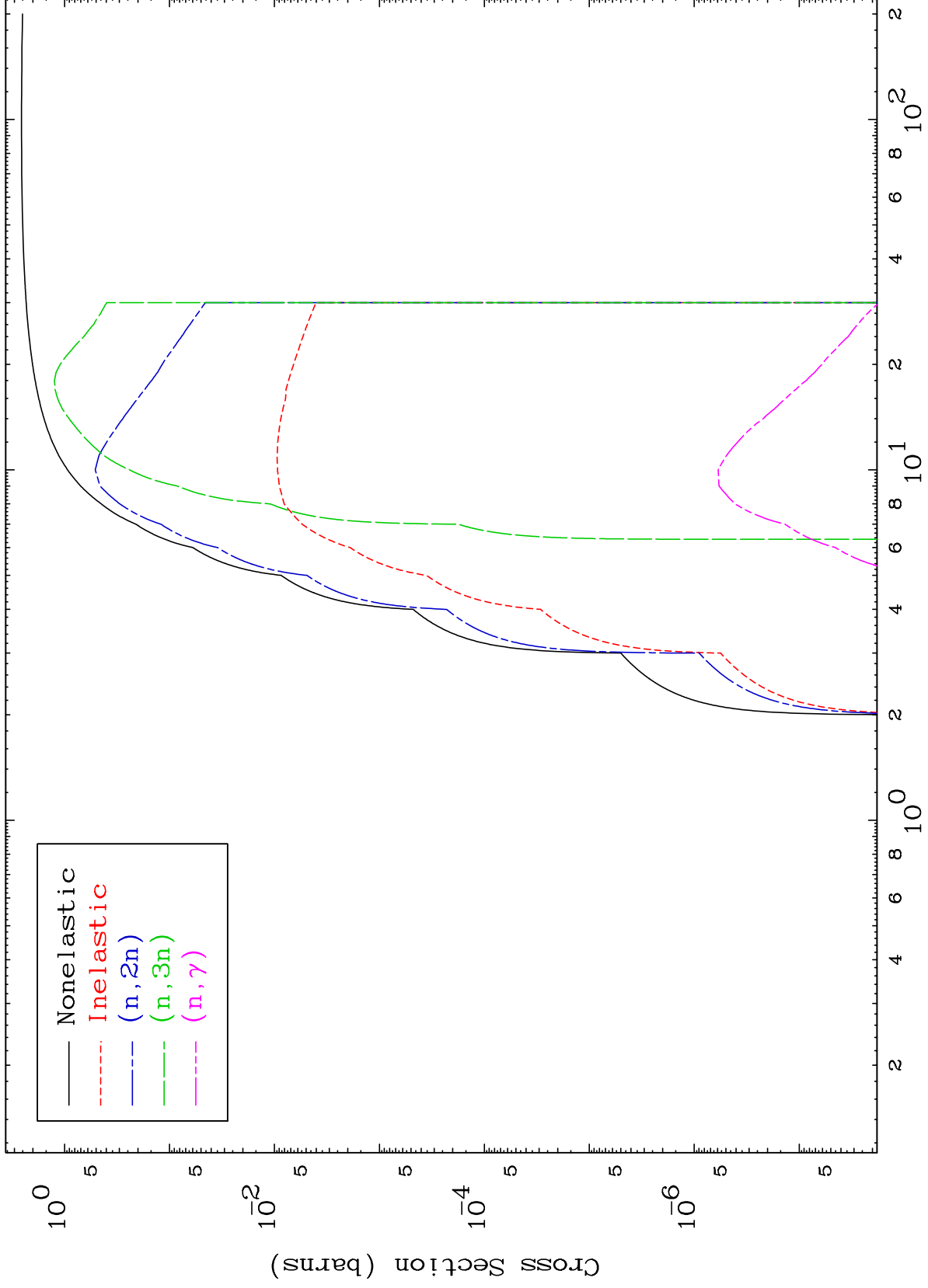
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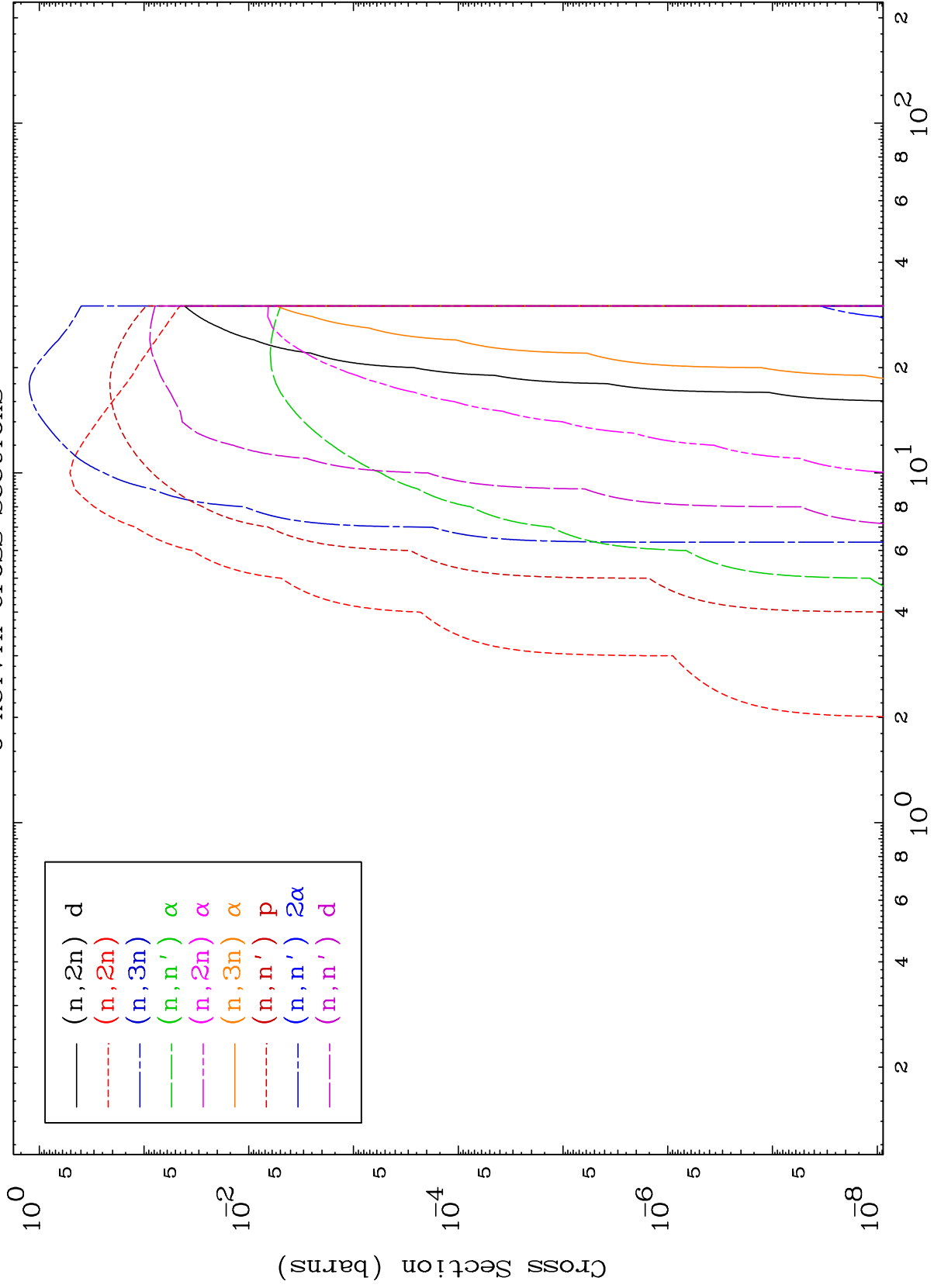
Press Mouse Button to Start

MAT 5540

Deuteron Major
0 Kelvin Cross Sections

55-Cs-138

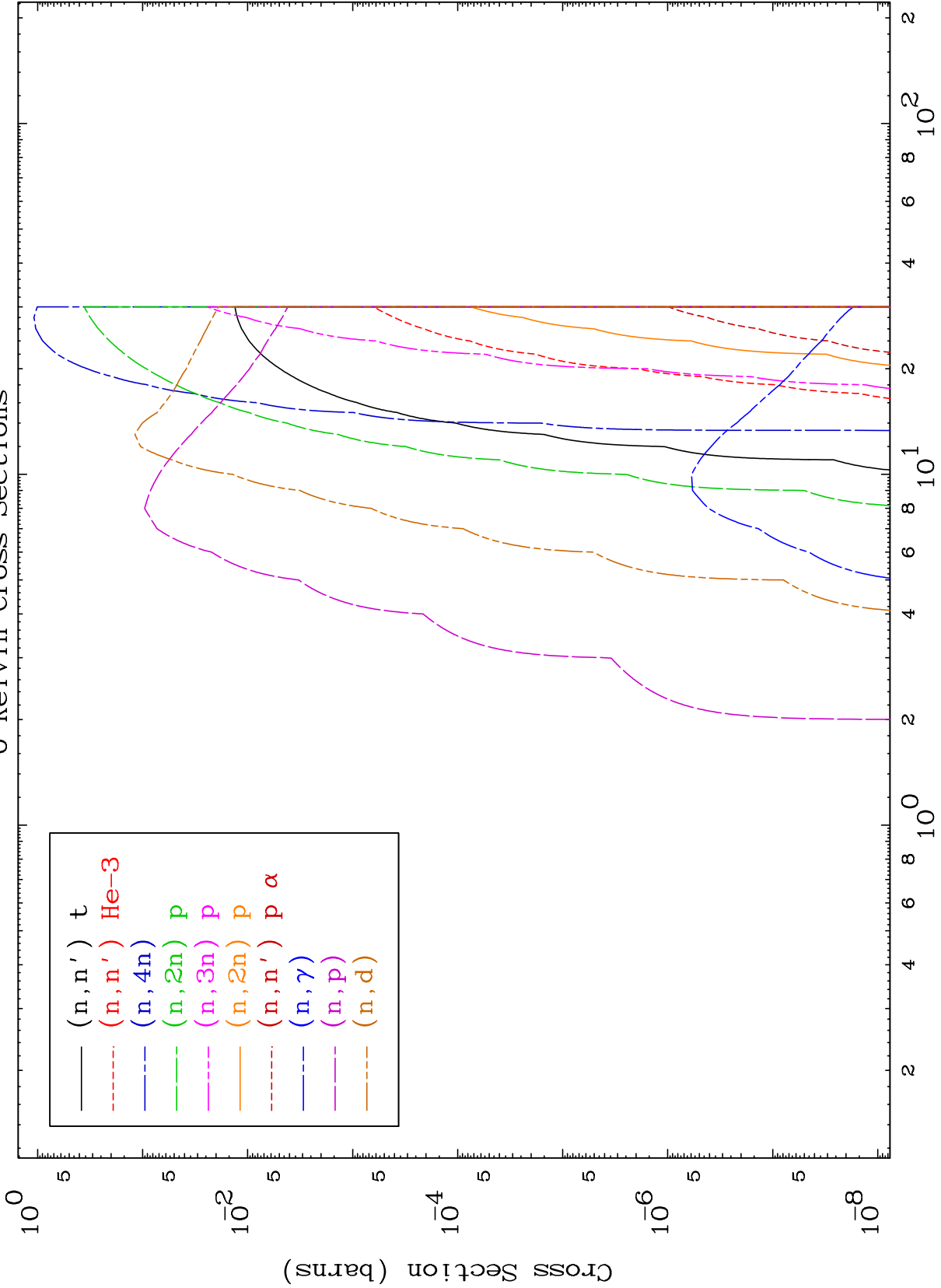




MAT 5540

Deuteron Neutron Absorption
0 Kelvin Cross Sections

55-Cs-138



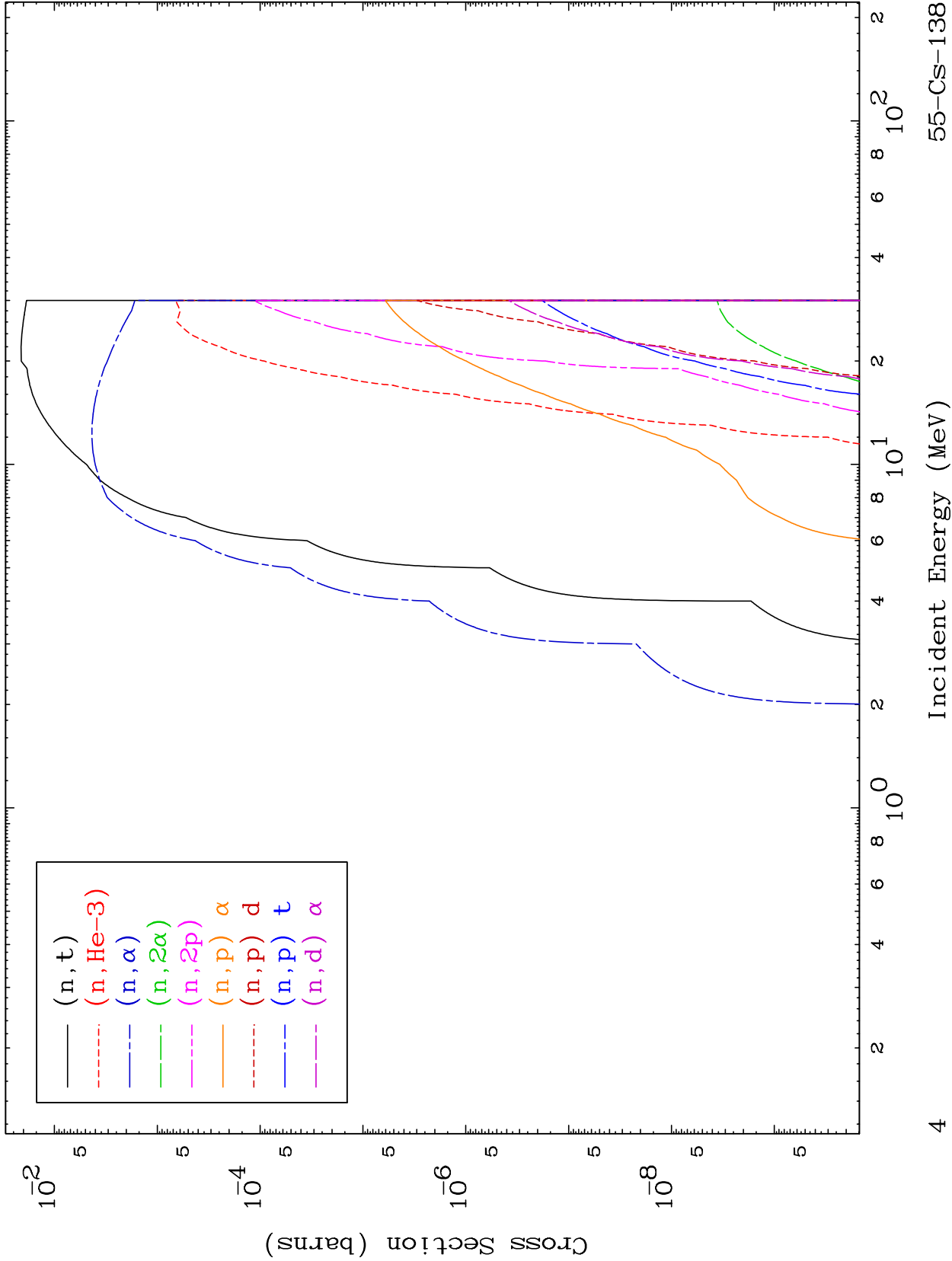
55-Cs-138

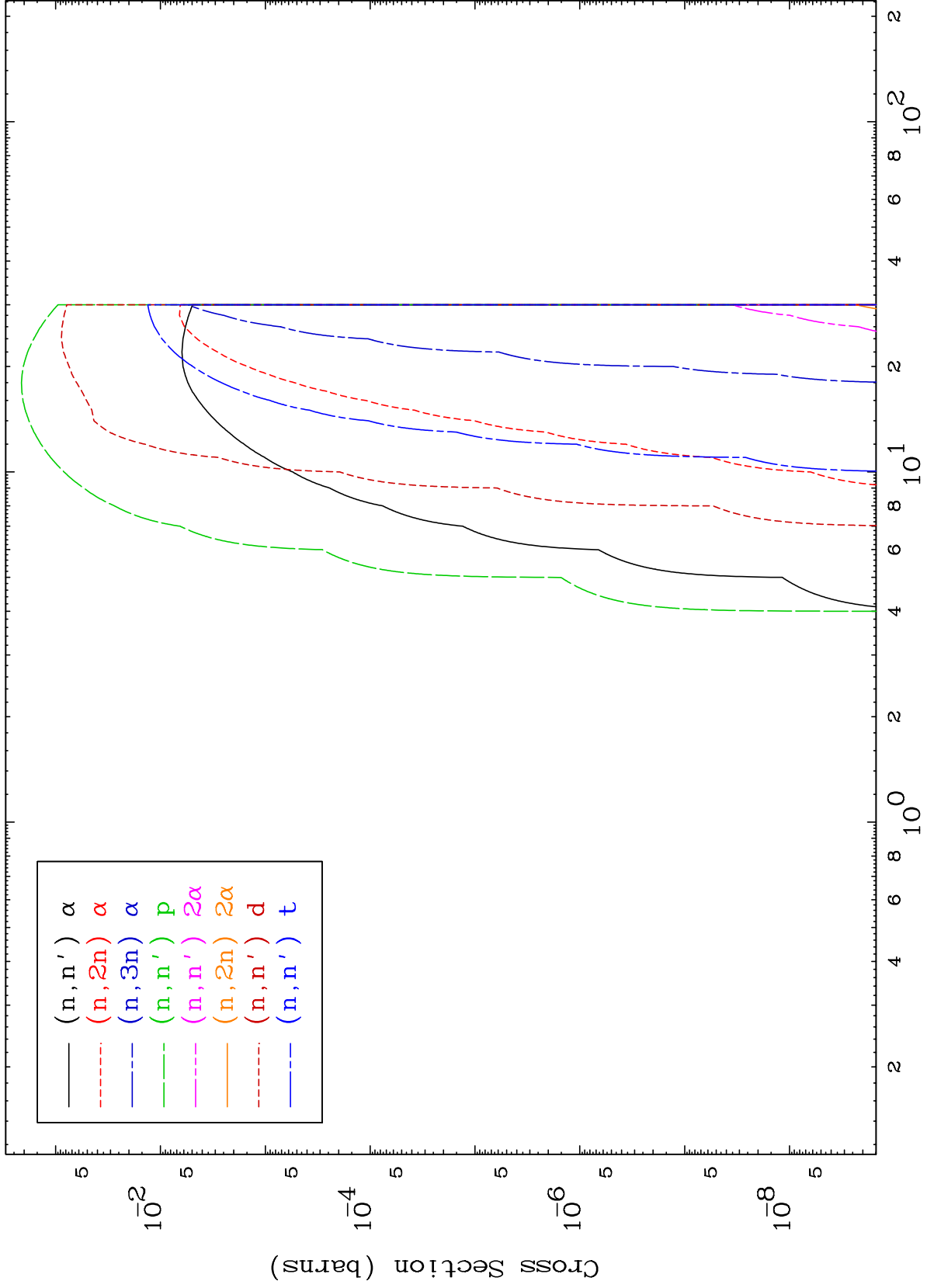
Incident Energy (MeV)

MAT 5540

Deuteron Neutron Absorption
0 Kelvin Cross Sections

55-Cs-138

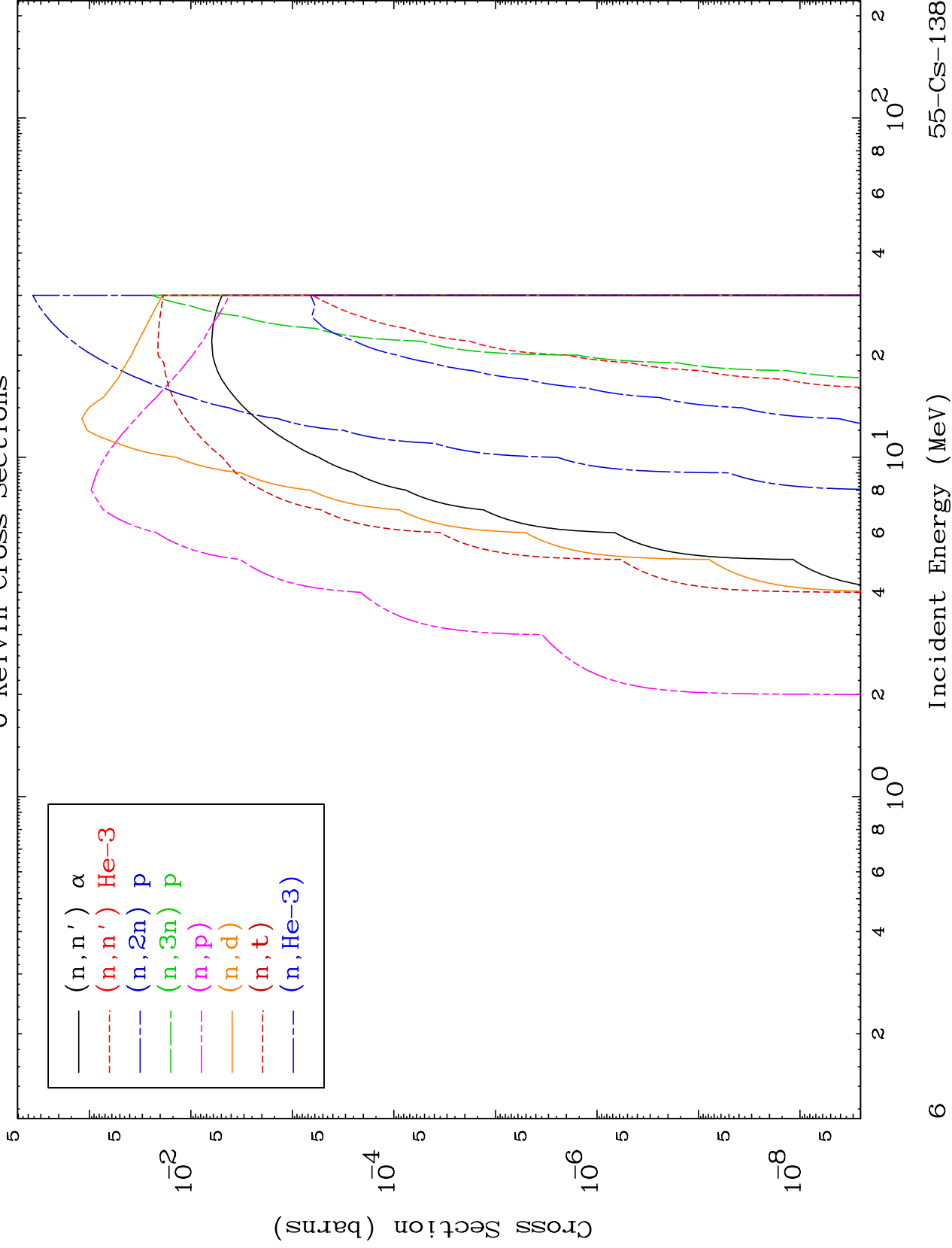




MAT 5540

Deuteron Charged Particle
0 Kelvin Cross Sections

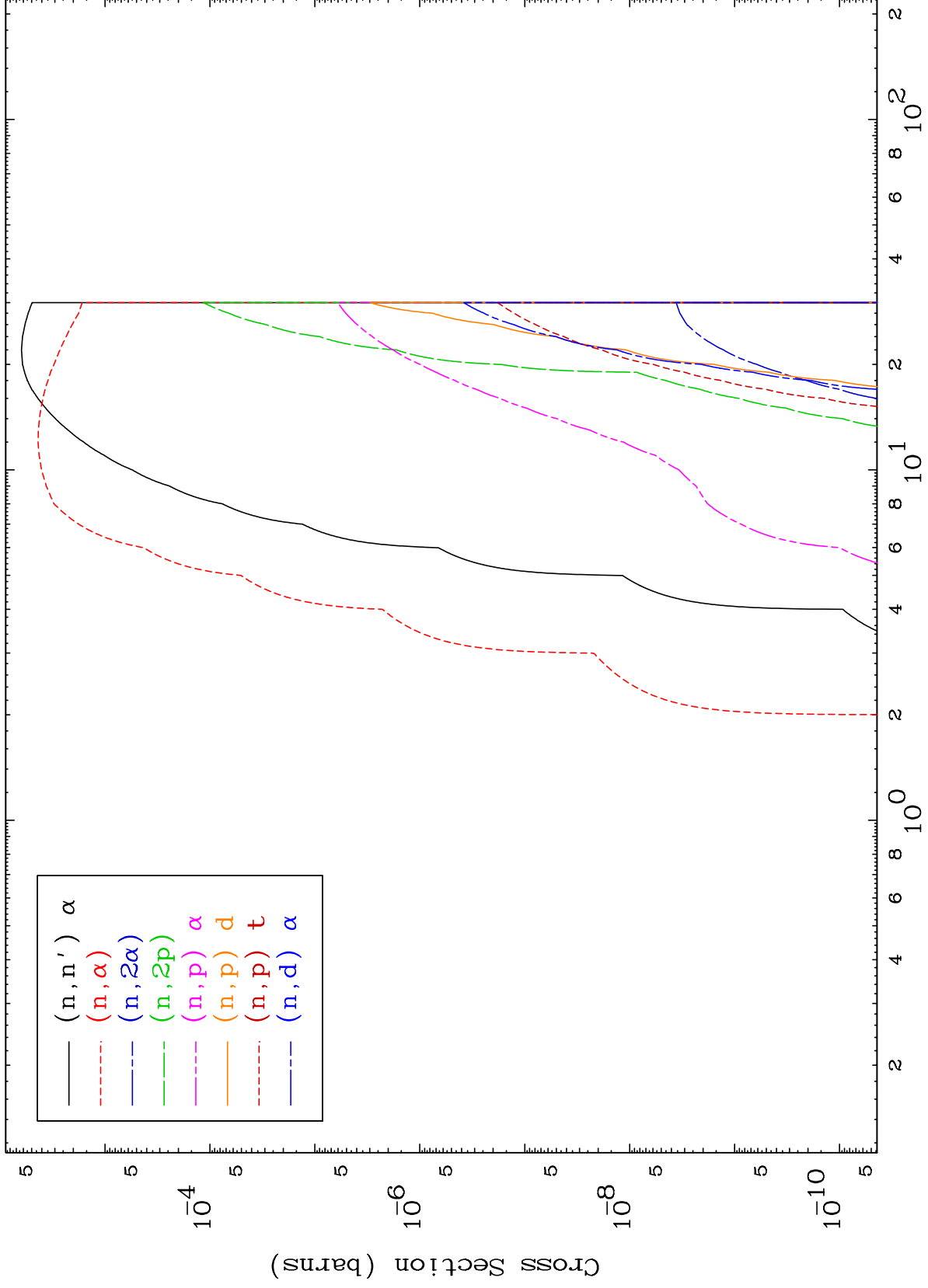
55-Cs-138



MAT 5540

Deuteron Charged Particle
0 Kelvin Cross Sections

55-Cs-138



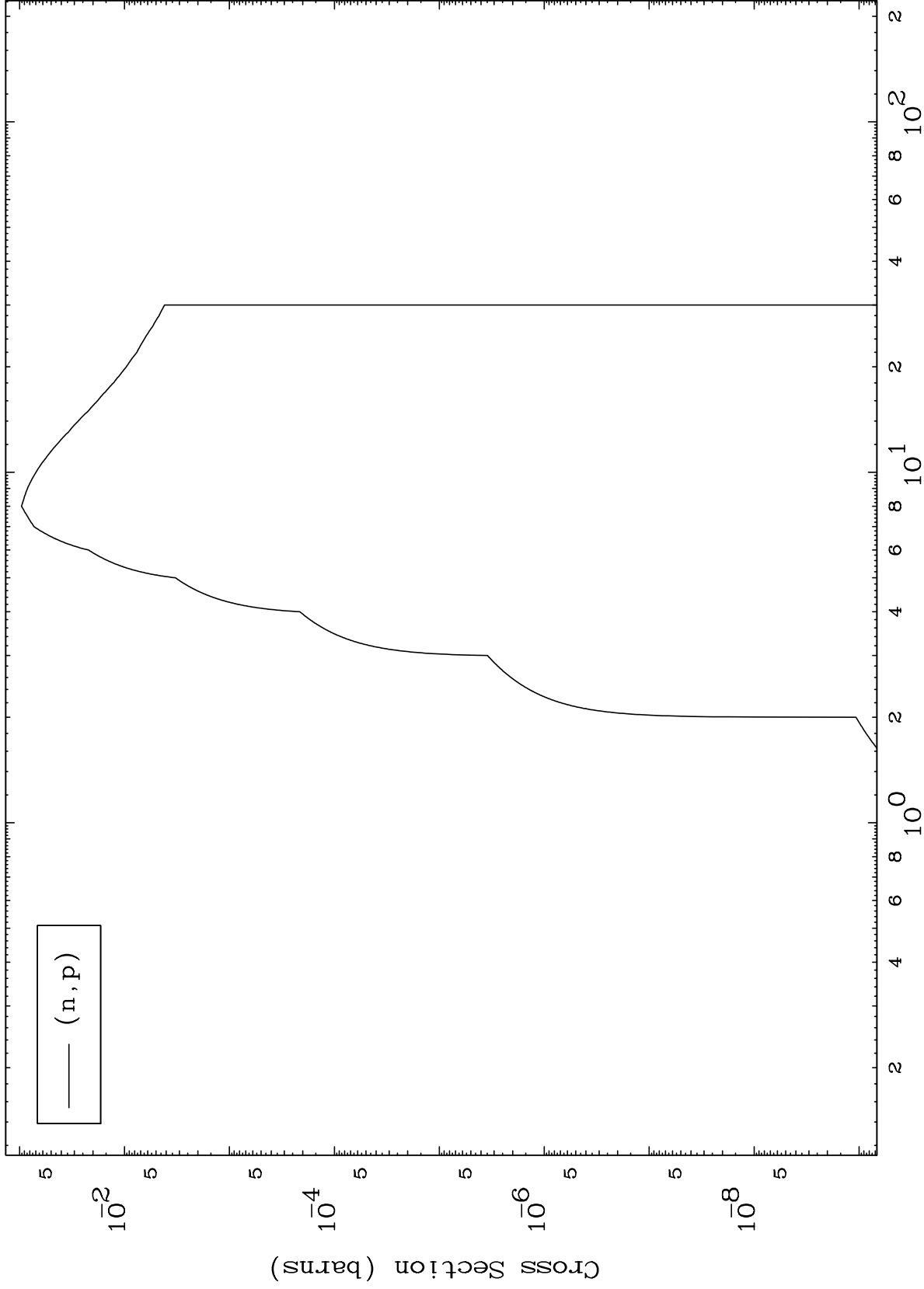
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

(d,p) Levels
0 Kelvin Cross Sections

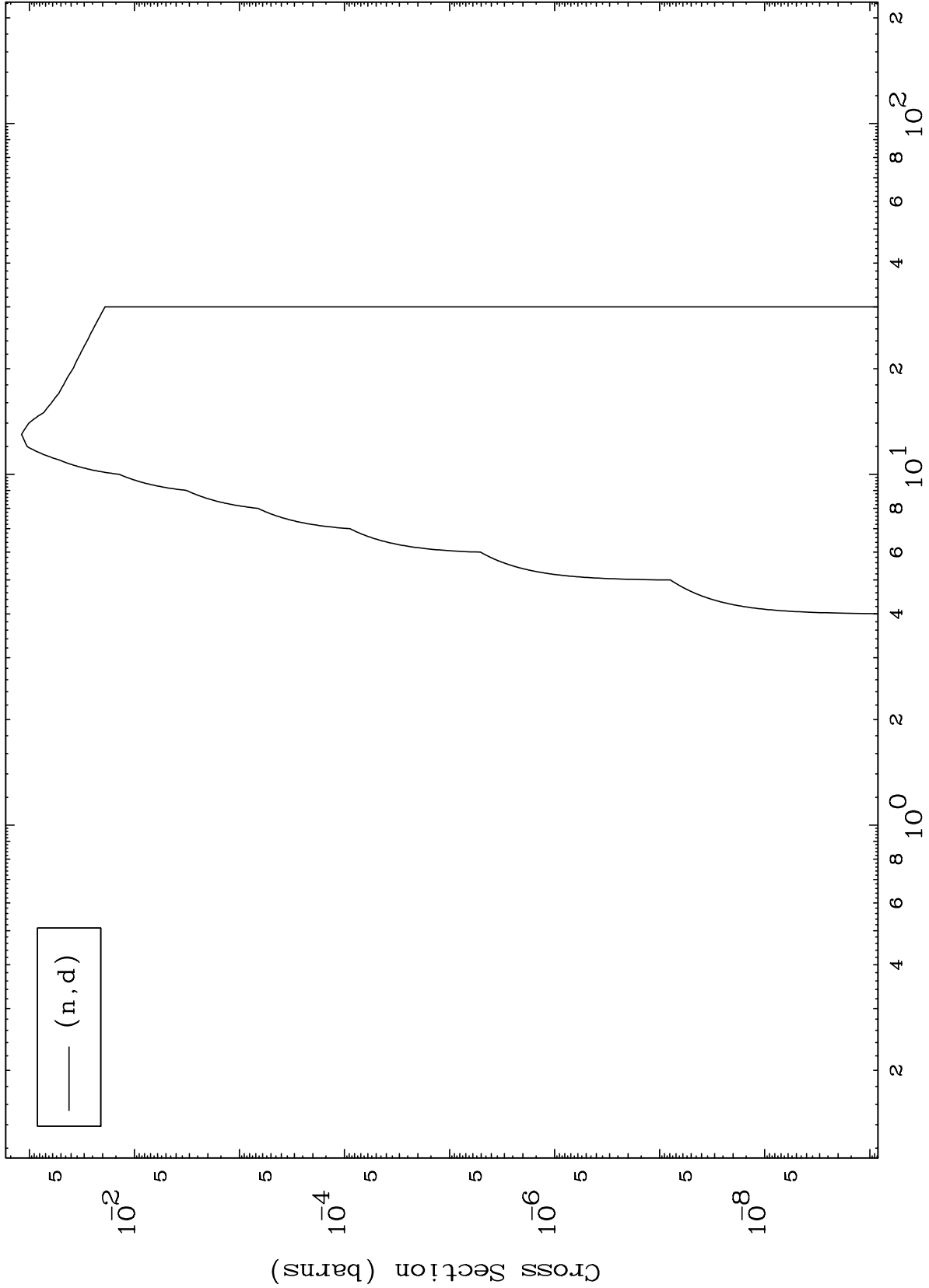


MAT 5540

(d,d) Levels

55-Cs-138

0 Kelvin Cross Sections

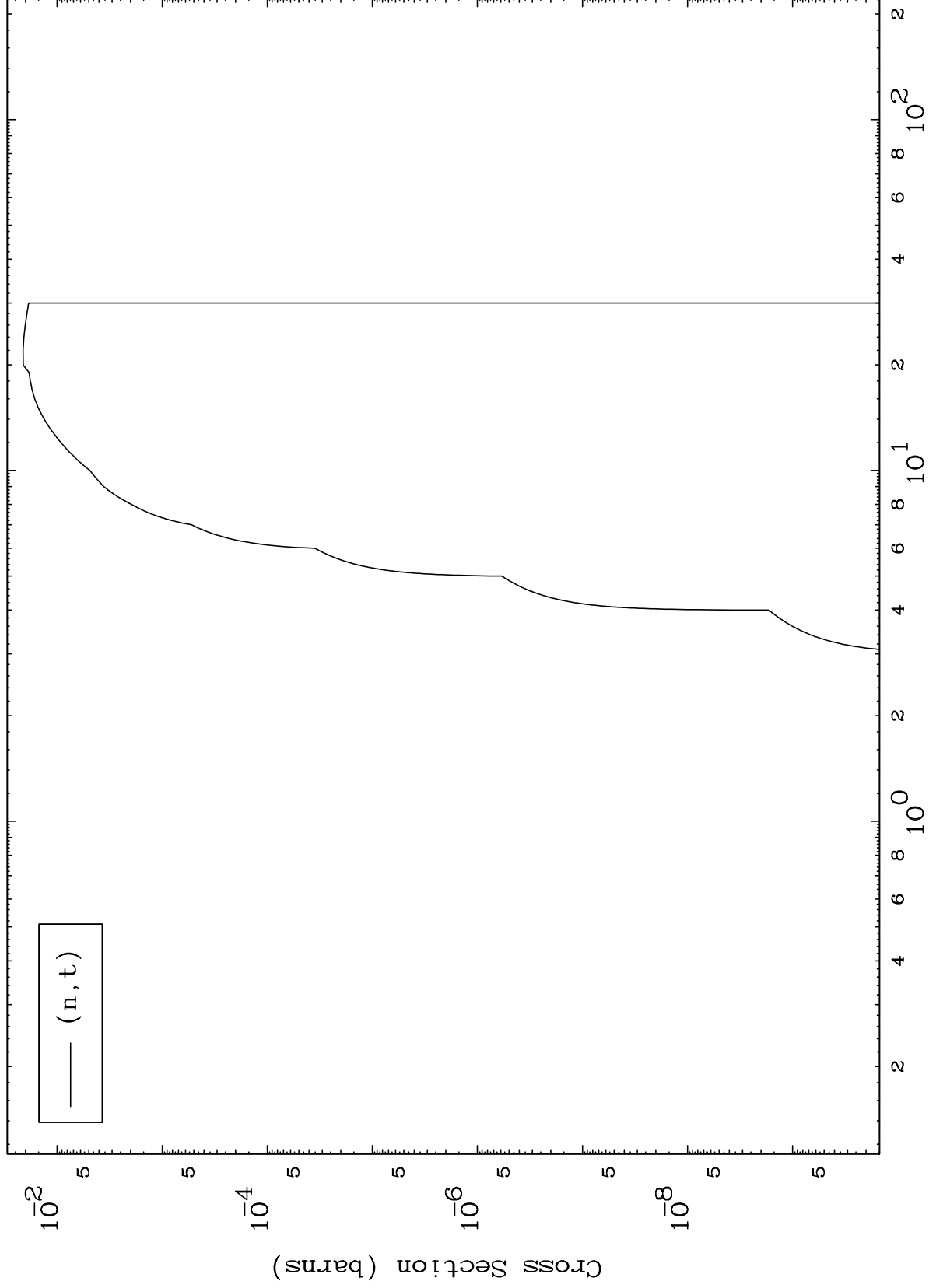


MAT 5540

(d, t) Levels

55-Cs-138

0 Kelvin Cross Sections



10

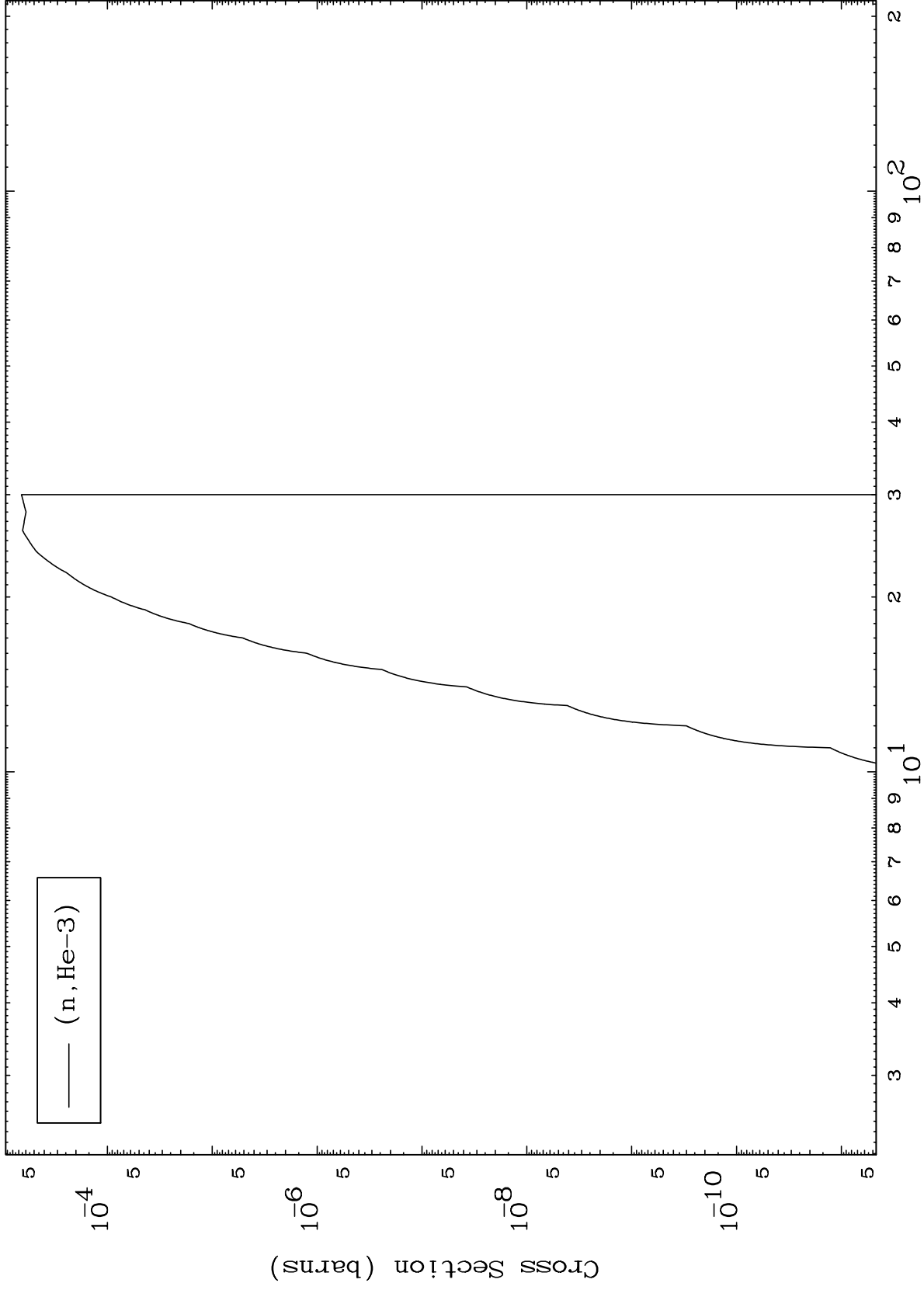
Incident Energy (MeV)

55-Cs-138

MAT 5540

(d,He3) Levels
0 Kelvin Cross Sections

55-Cs-138



11

Incident Energy (MeV)

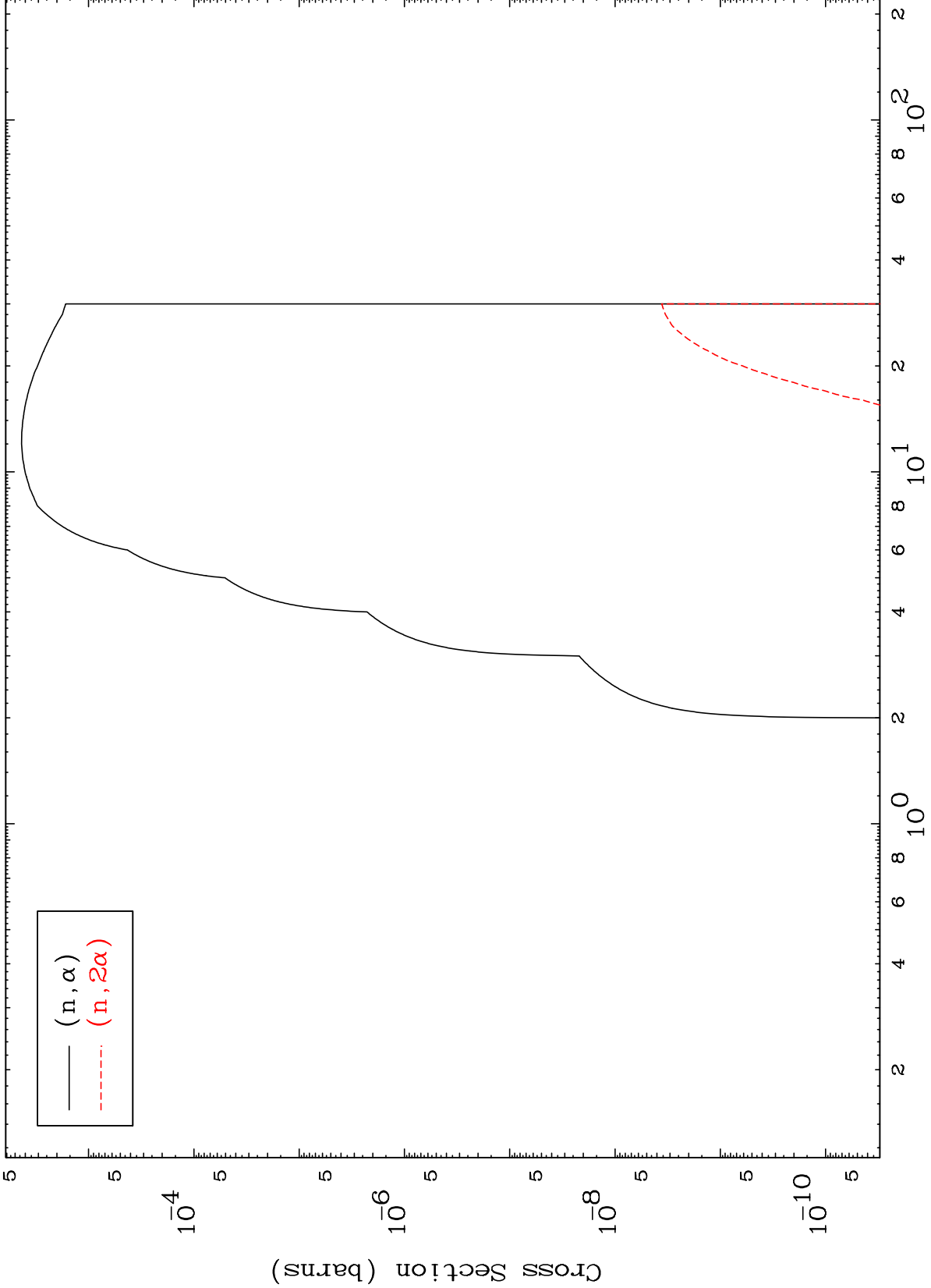
55-Cs-138

MAT 5540

(d, α) Levels

55-Cs-138

0 Kelvin Cross Sections



12

Incident Energy (MeV)

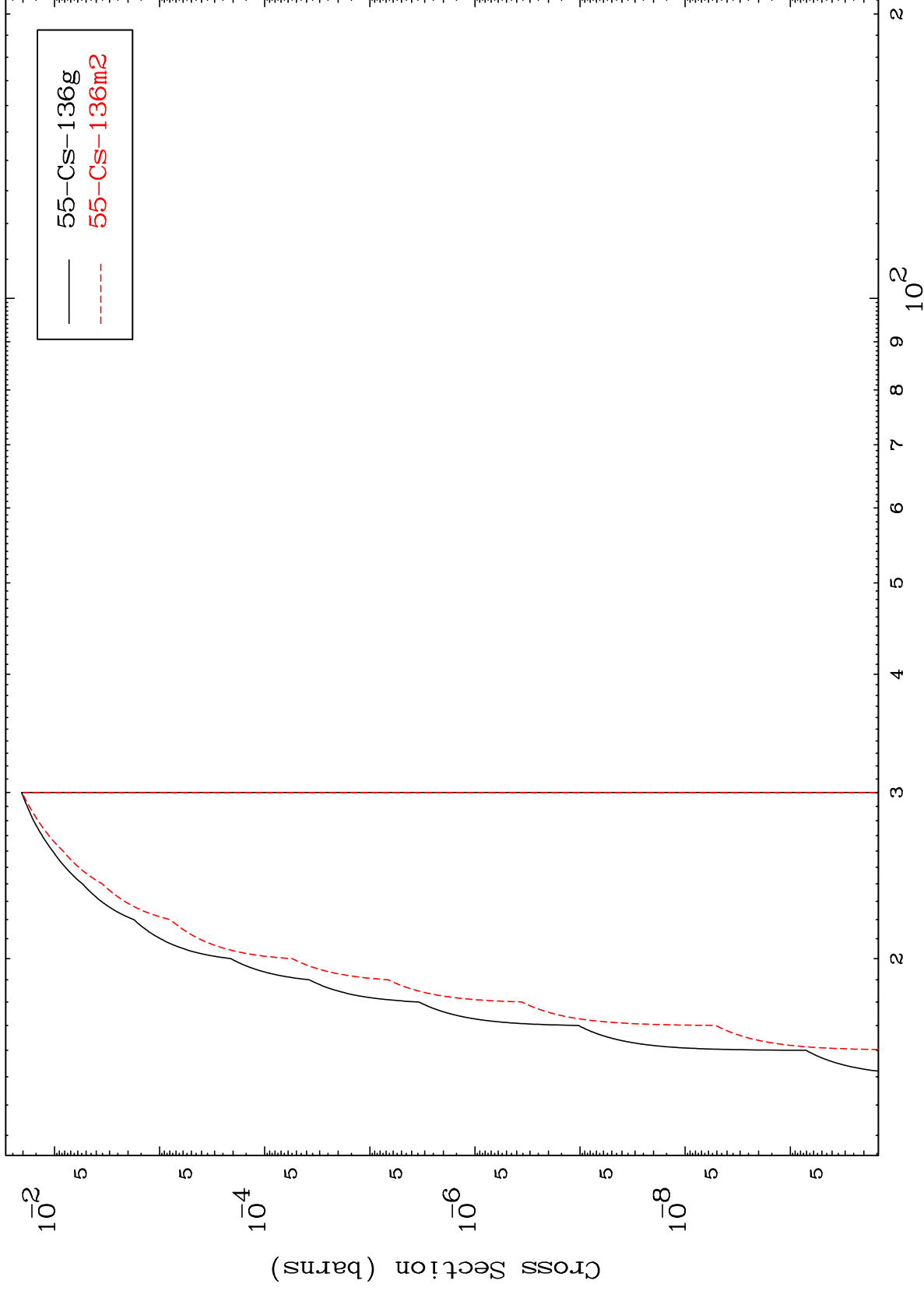
55-Cs-138

MAT 5540

(n,2n) d

55-Cs-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

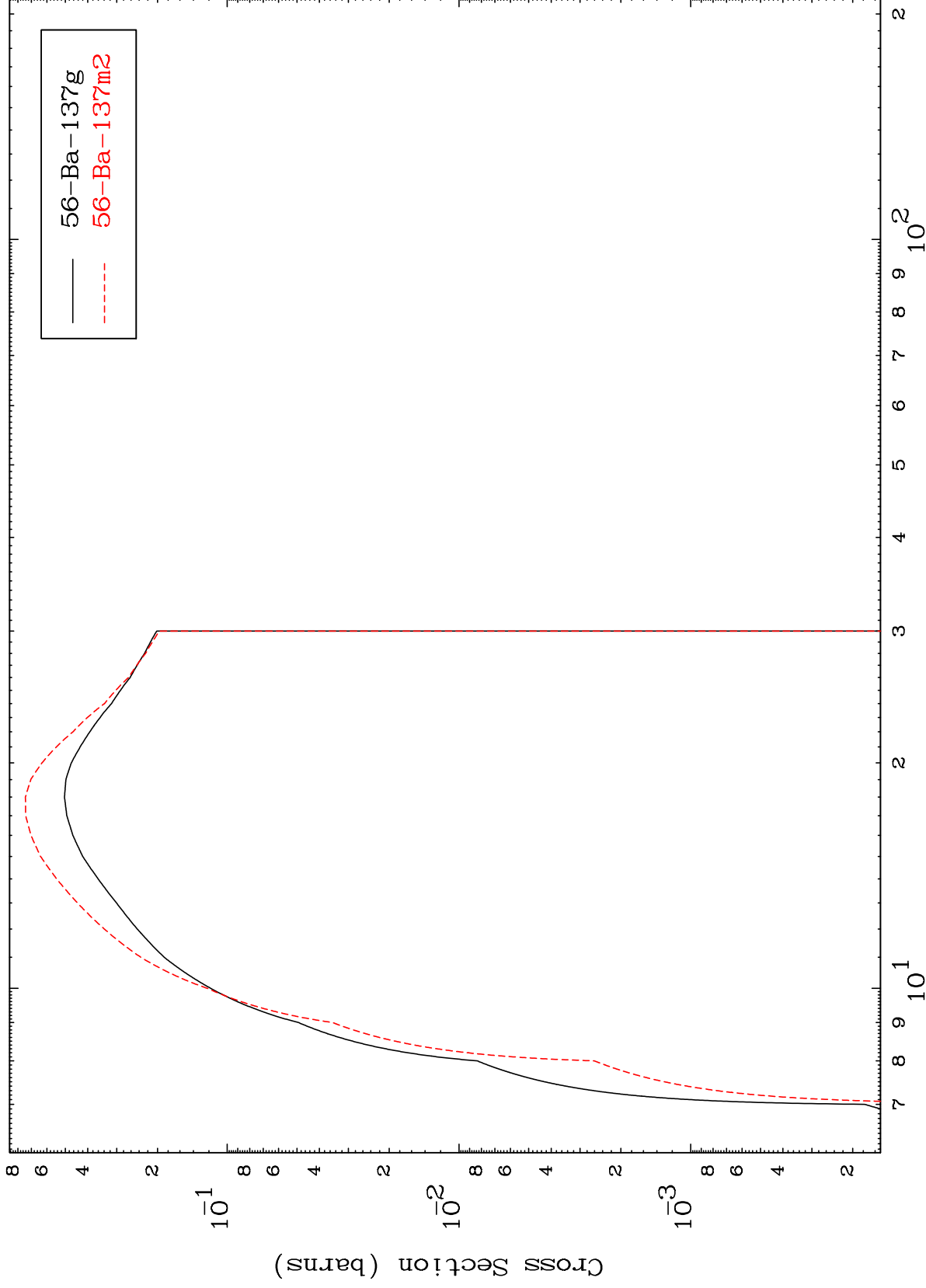
55-Cs-138

MAT 5540

(n,3n)

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

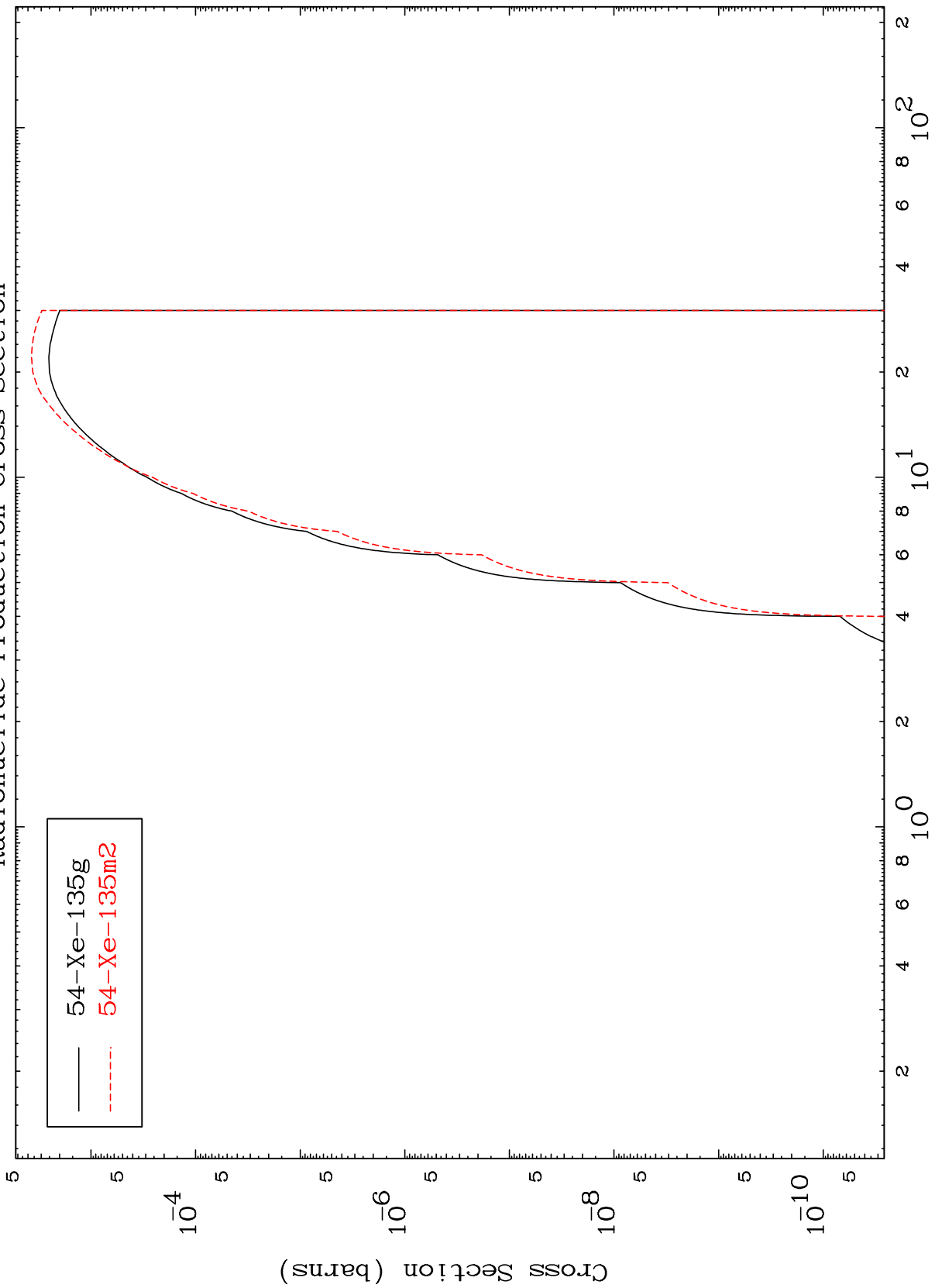
55-Cs-138

MAT 5540

$(n, n') \alpha$

55-Cs-138

Radionuclide Production Cross Section



54-Xe-135g
54-Xe-135m2

15

Incident Energy (MeV)

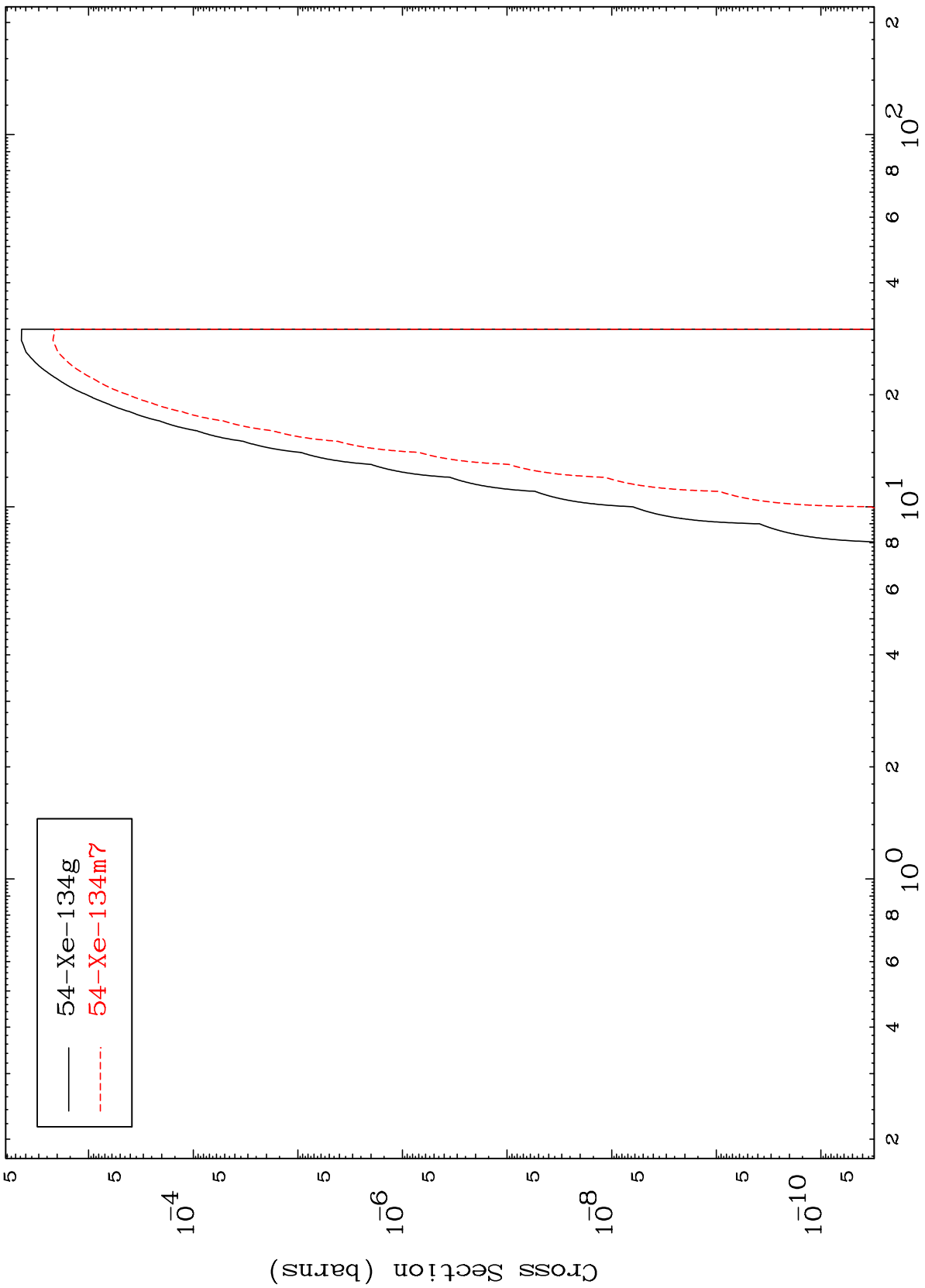
55-Cs-138

MAT 5540

(n,2n) α

55-Cs-138

Radionuclide Production Cross Section



54-Xe-134g
54-Xe-134m7

16

Incident Energy (MeV)

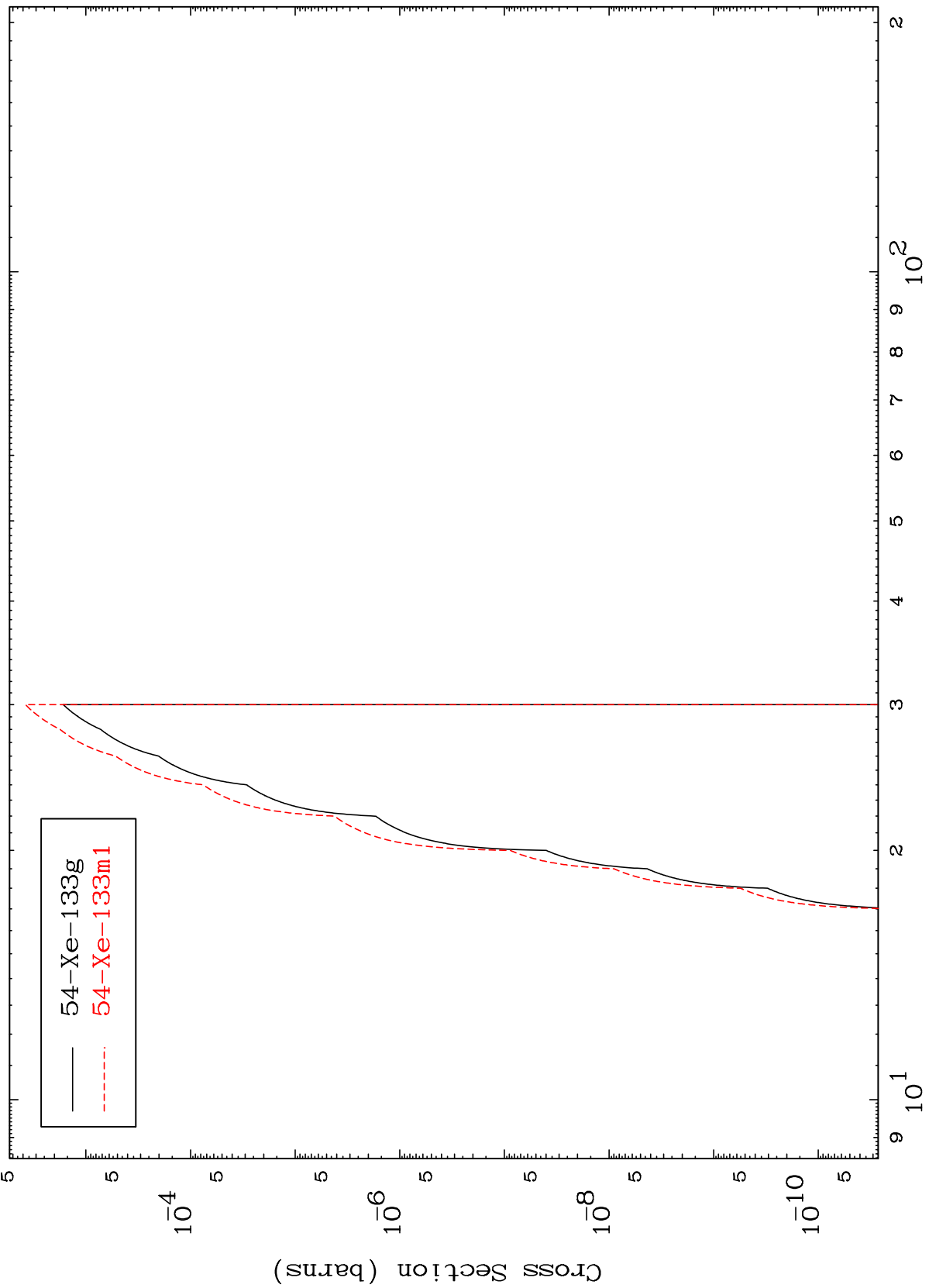
55-Cs-138

MAT 5540

(n,3n) α

55-Cs-138

Radionuclide Production Cross Section



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

17

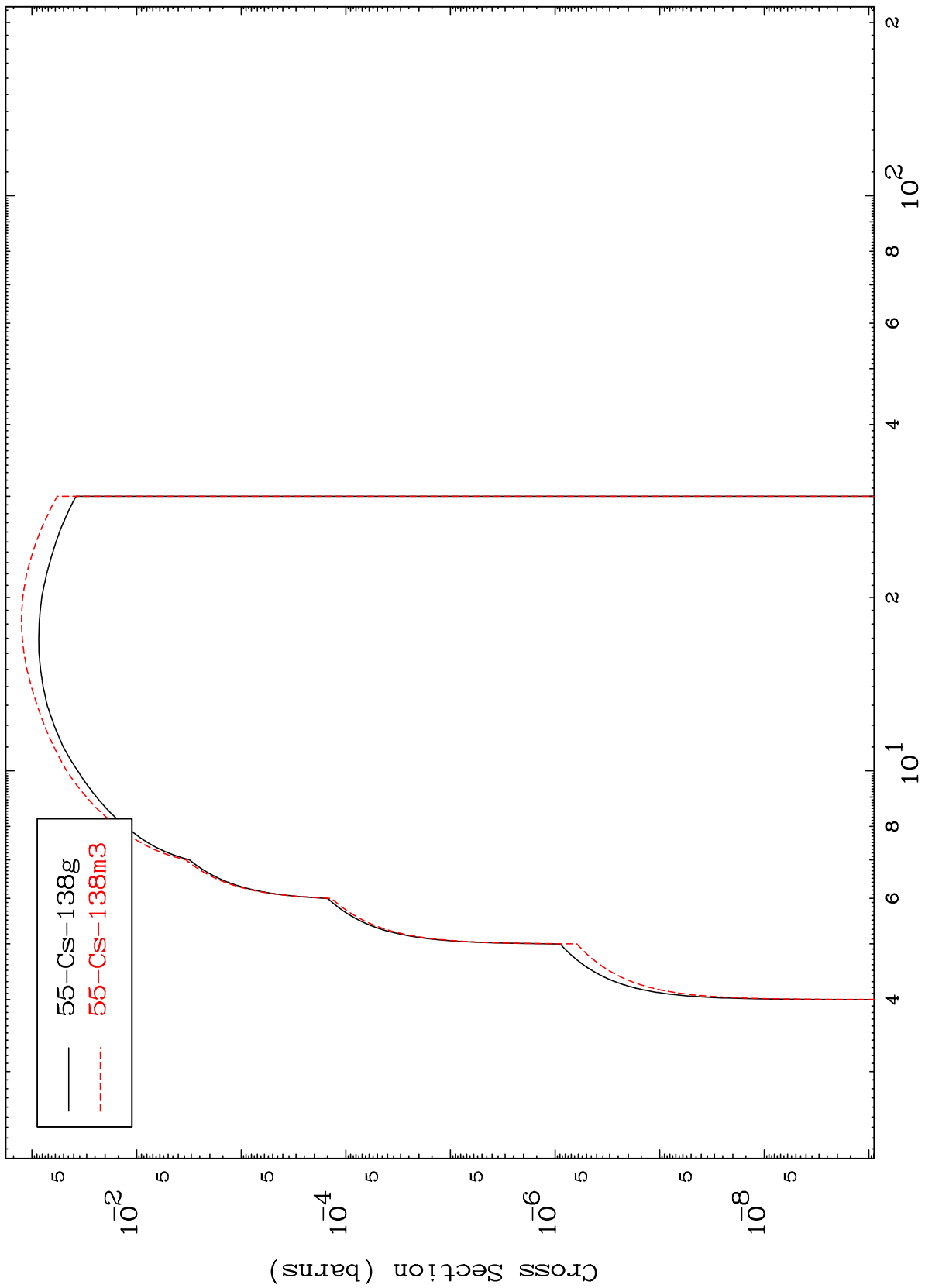
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

(n,n') p
Radionuclide Production Cross Section



18

55-Cs-138

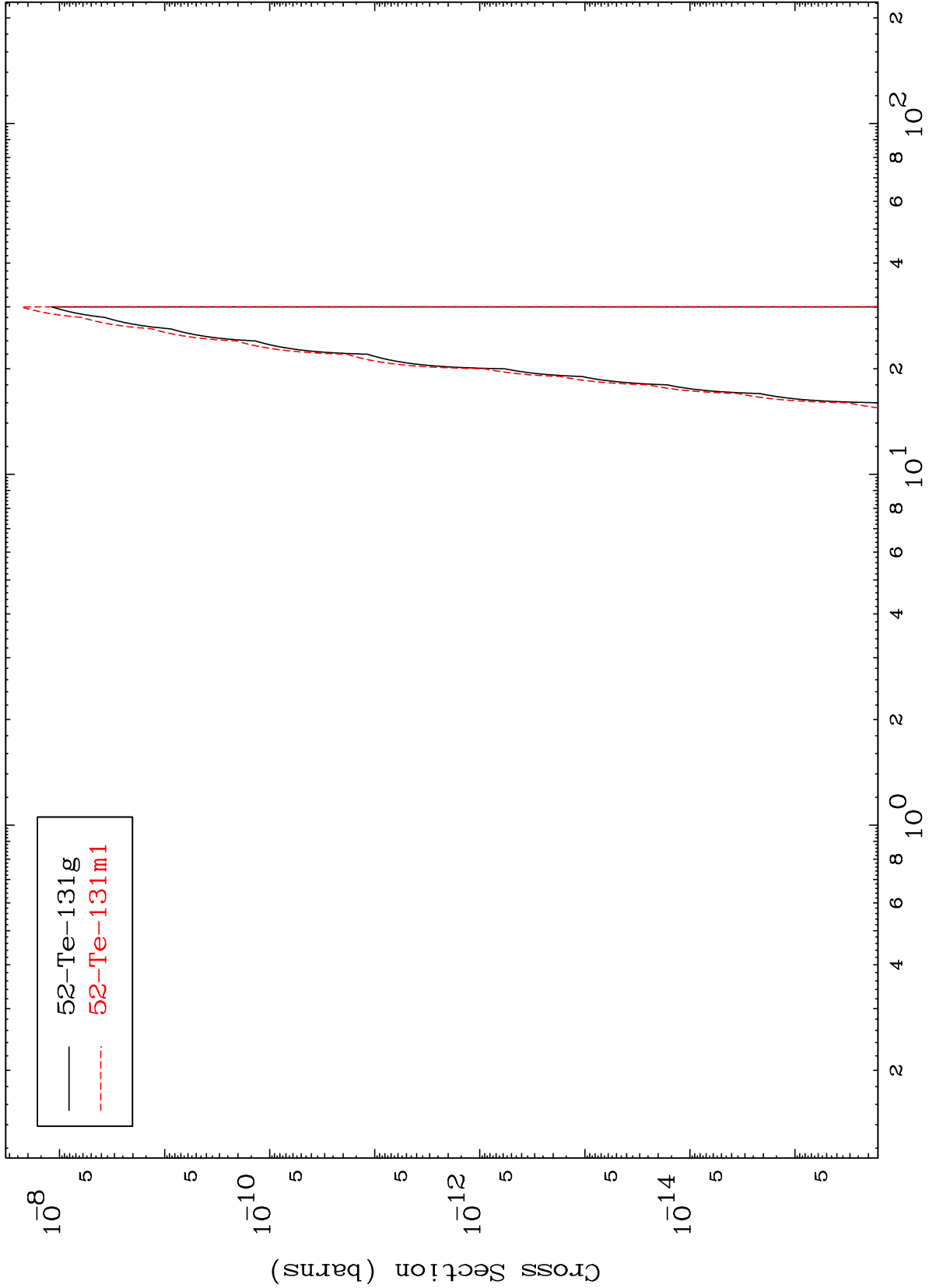
Incident Energy (MeV)

MAT 5540

(n,n') 2 α

55-Cs-138

Radionuclide Production Cross Section

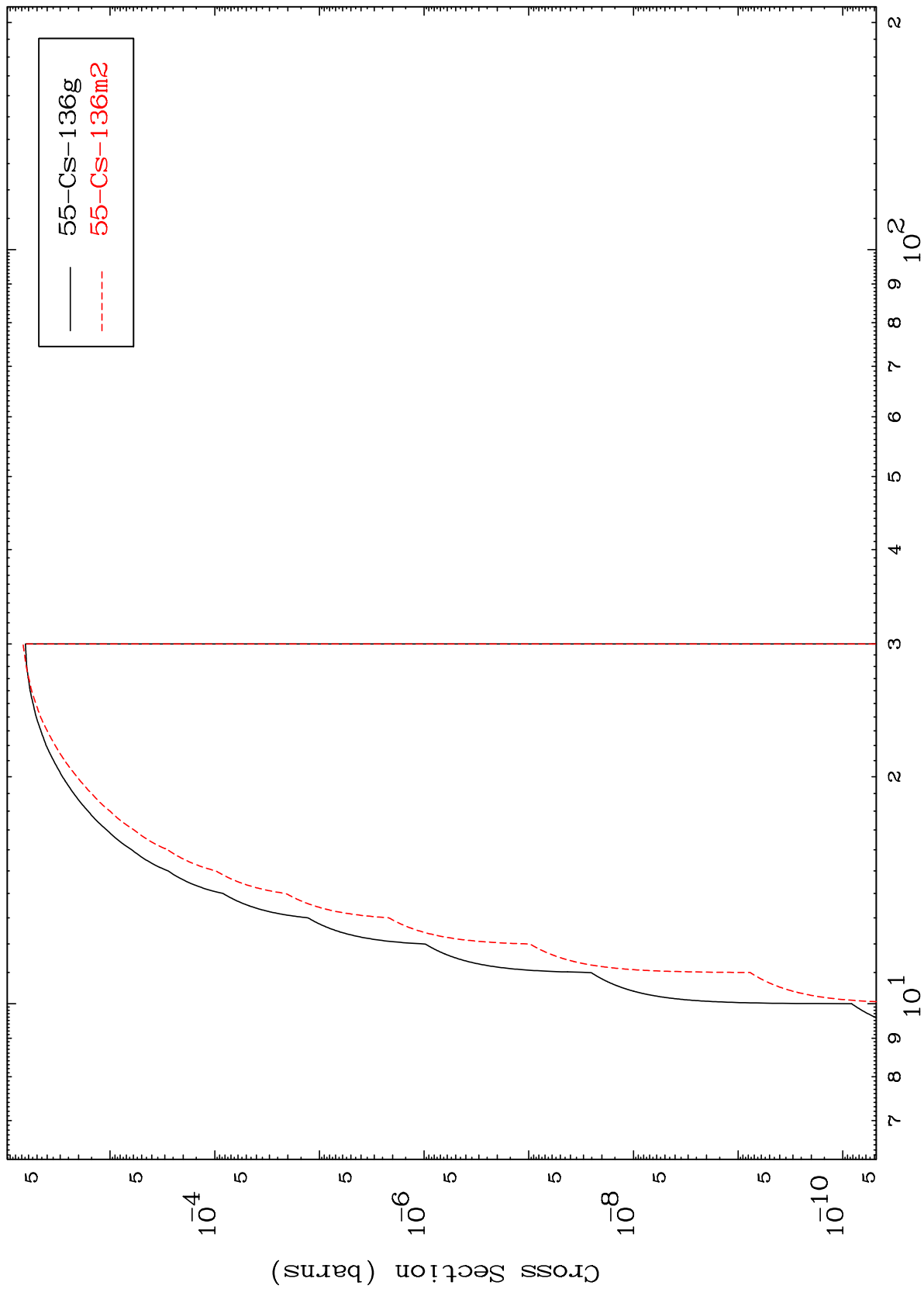


MAT 5540

(n,n') t

55-Cs-138

Radionuclide Production Cross Section

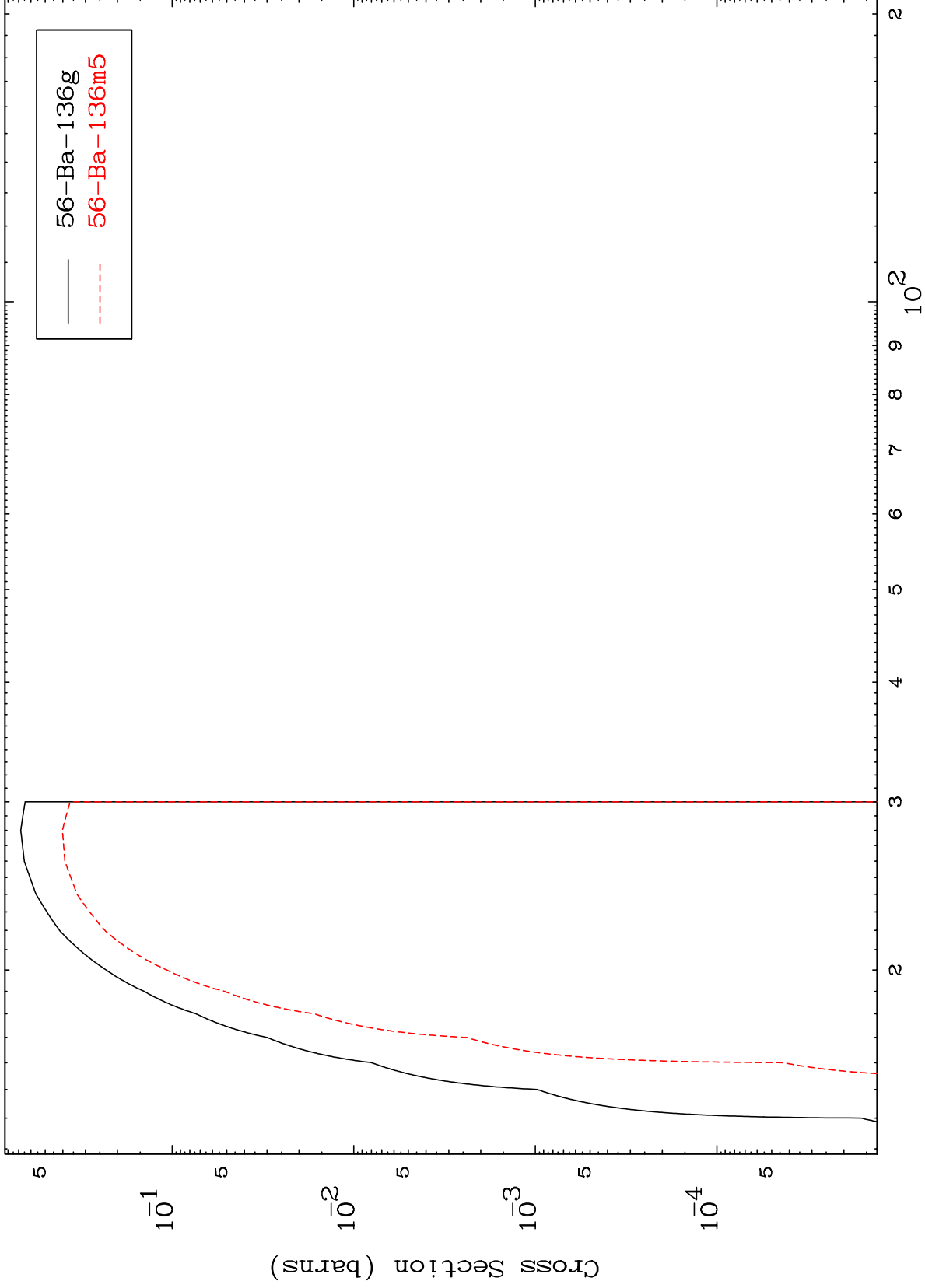


20

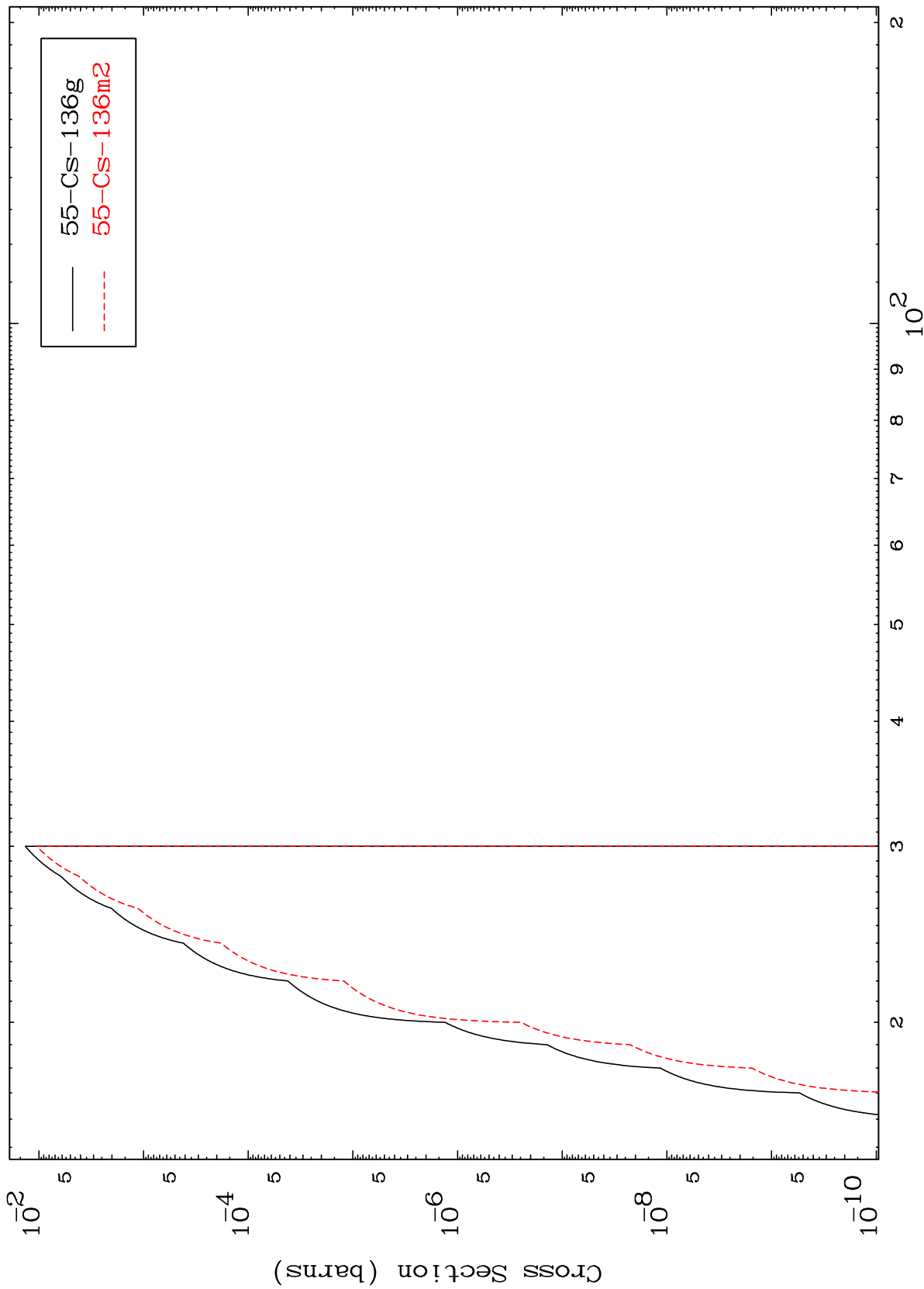
Incident Energy (MeV)

55-Cs-138

Radionuclide Production Cross Section



Radionuclide Production Cross Section

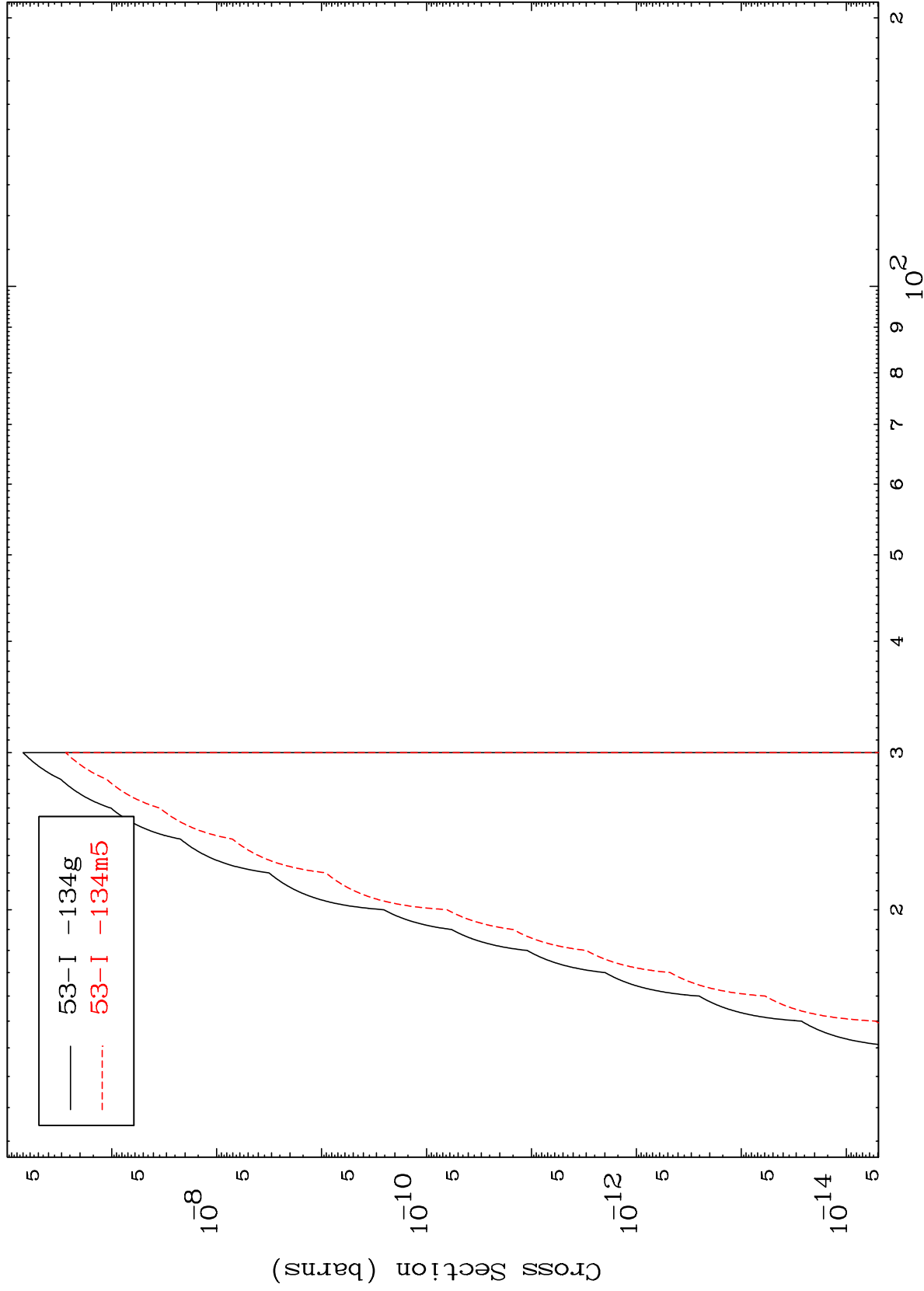


MAT 5540

(n,n') p α

55-Cs-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

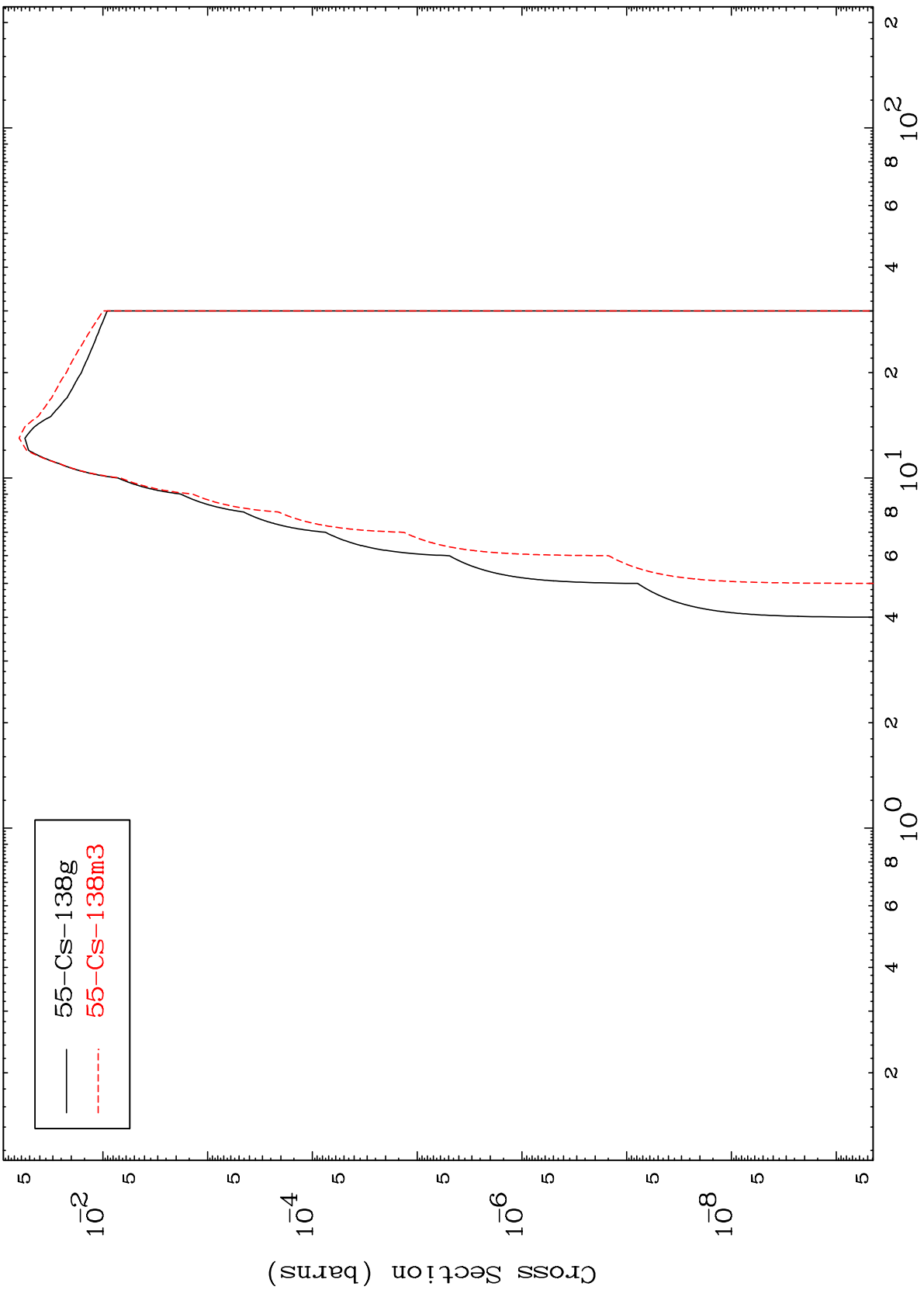
55-Cs-138

MAT 5540

(n,d)

55-Cs-138

Radionuclide Production Cross Section



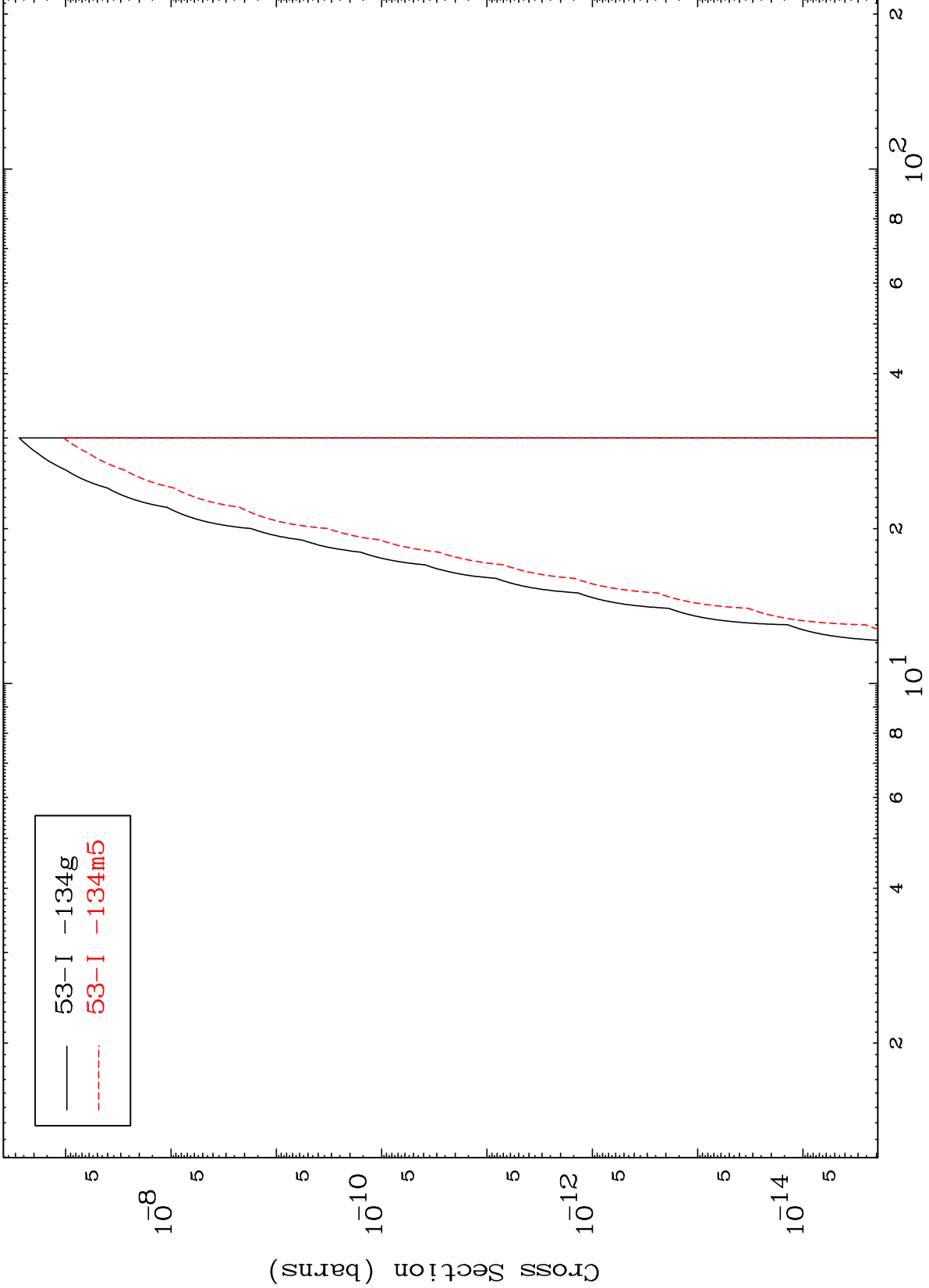
55-Cs-138g
55-Cs-138m3

MAT 5540

(n,d) α

55-Cs-138

Radionuclide Production Cross Section



25

Incident Energy (MeV)

55-Cs-138