

Program EVALPLOT
(Version 2017-1)

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

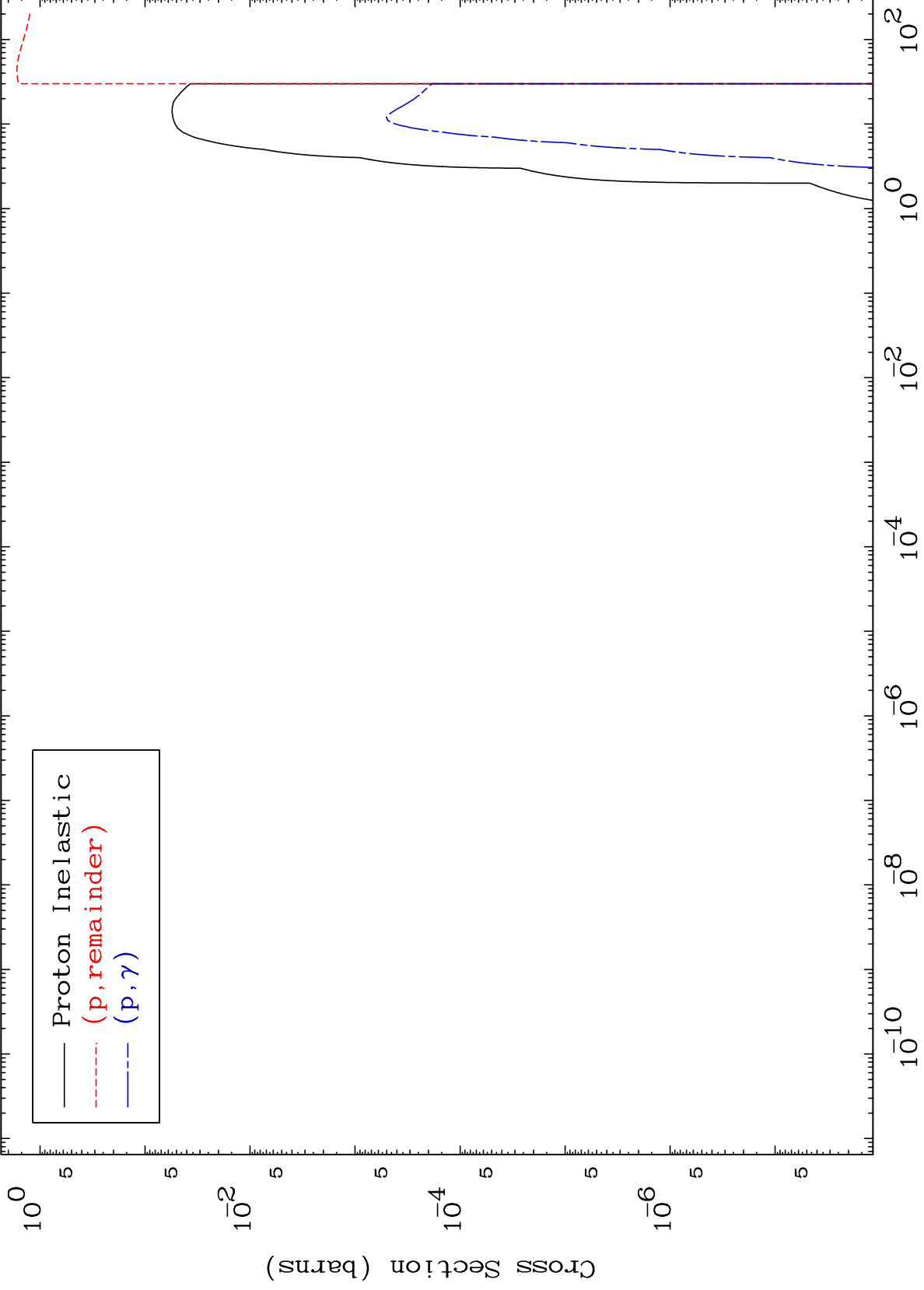
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5541

Proton Major
0 Kelvin Cross Sections

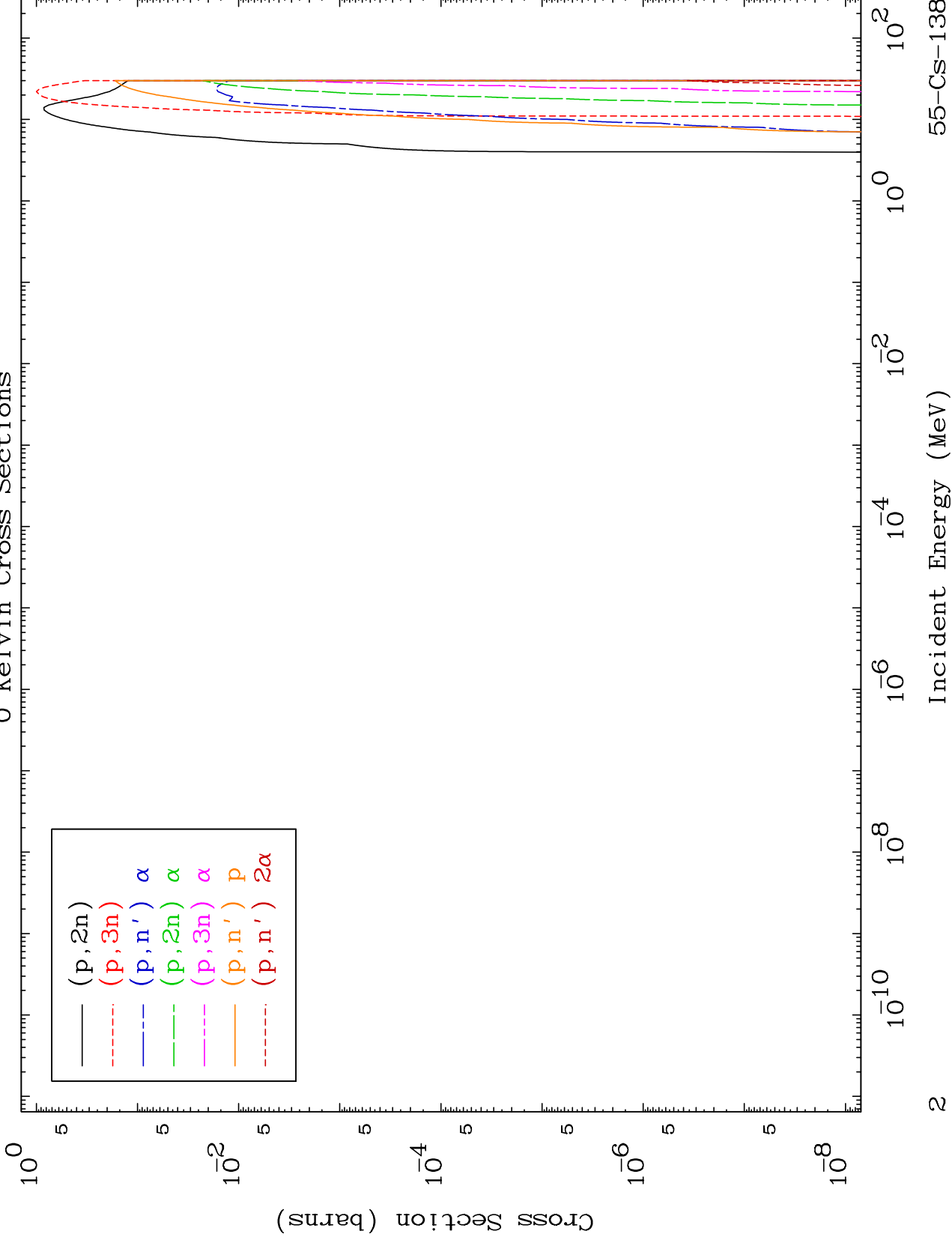
55-Cs-138



MAT 5541

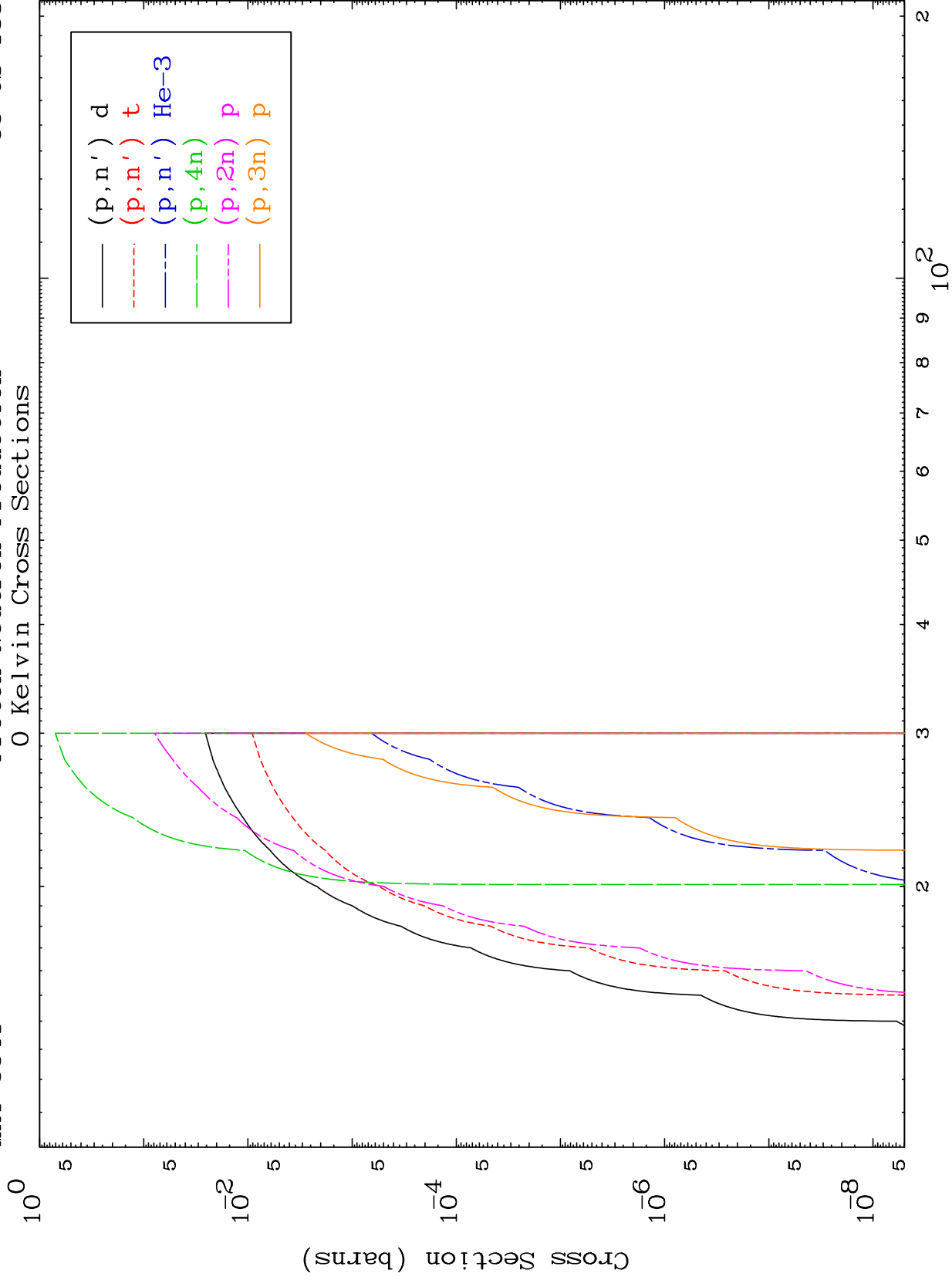
Proton Neutron Production
0 Kelvin Cross Sections

55-Cs-138



55-Cs-138

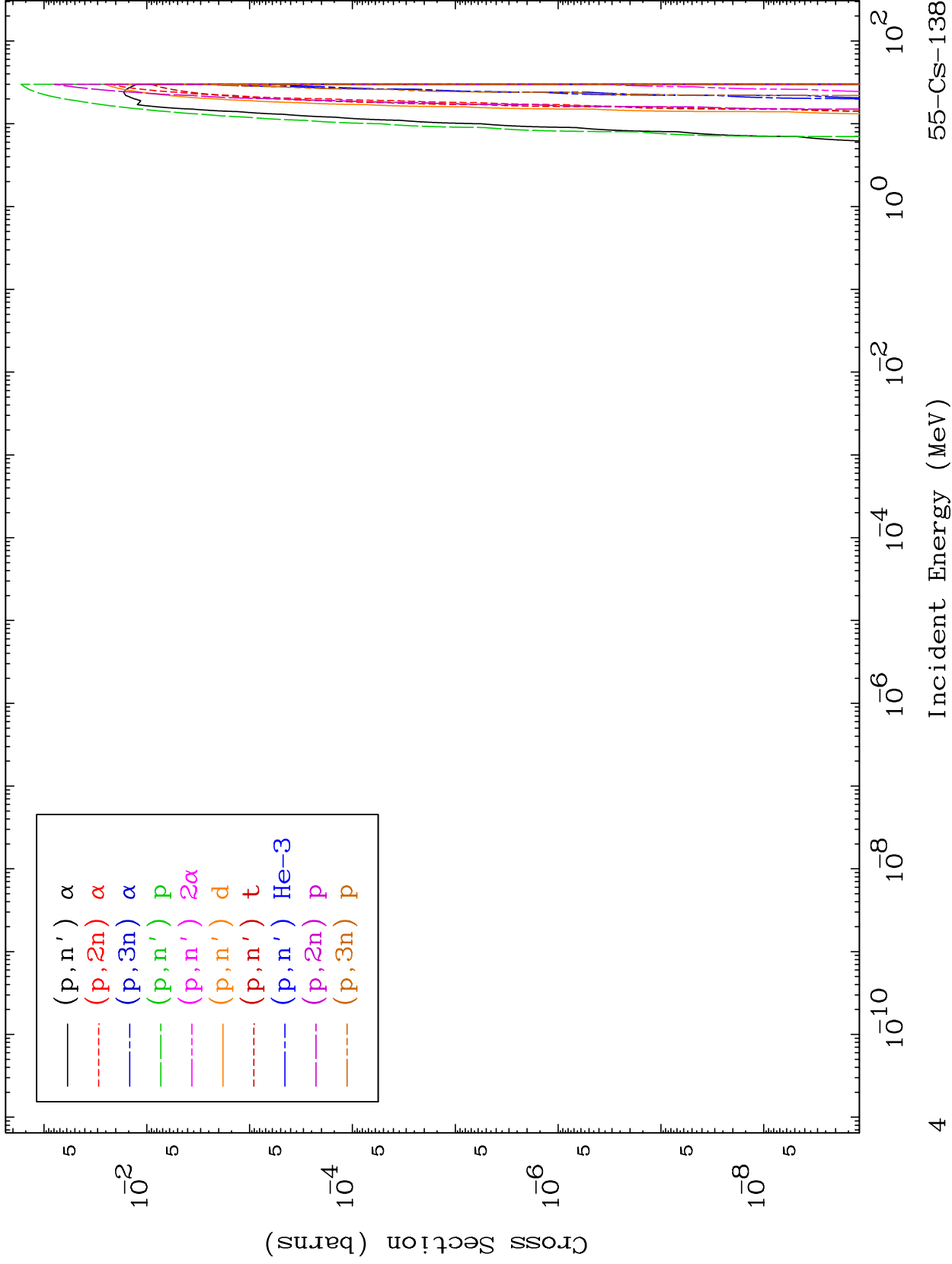
Incident Energy (MeV)



MAT 5541

Proton Charged Particle
0 Kelvin Cross Sections

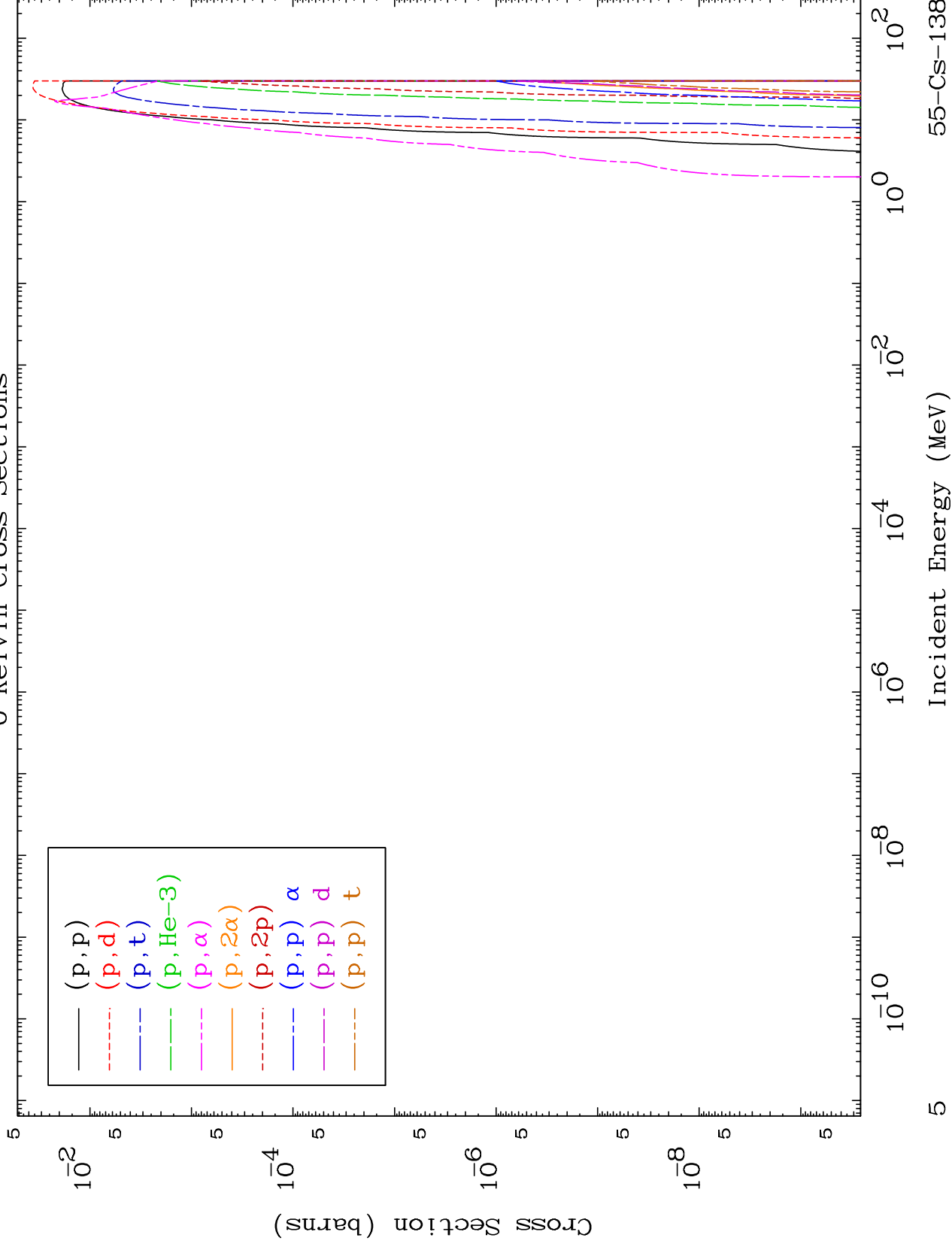
55-Cs-138



MAT 5541

Proton Charged Particle
0 Kelvin Cross Sections

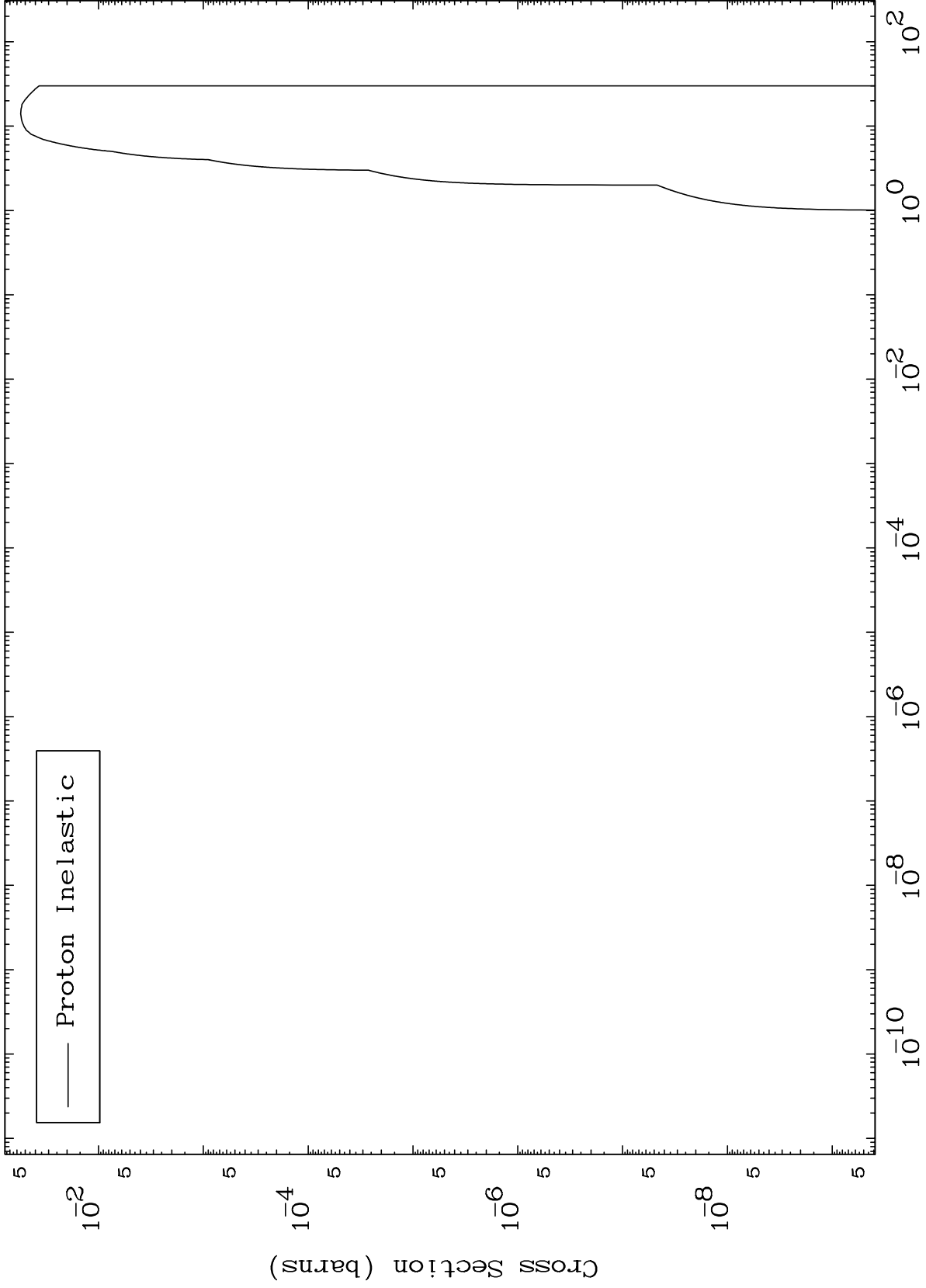
55-Cs-138



MAT 5541

(p,n') Level
0 Kelvin Cross Sections

55-Cs-138



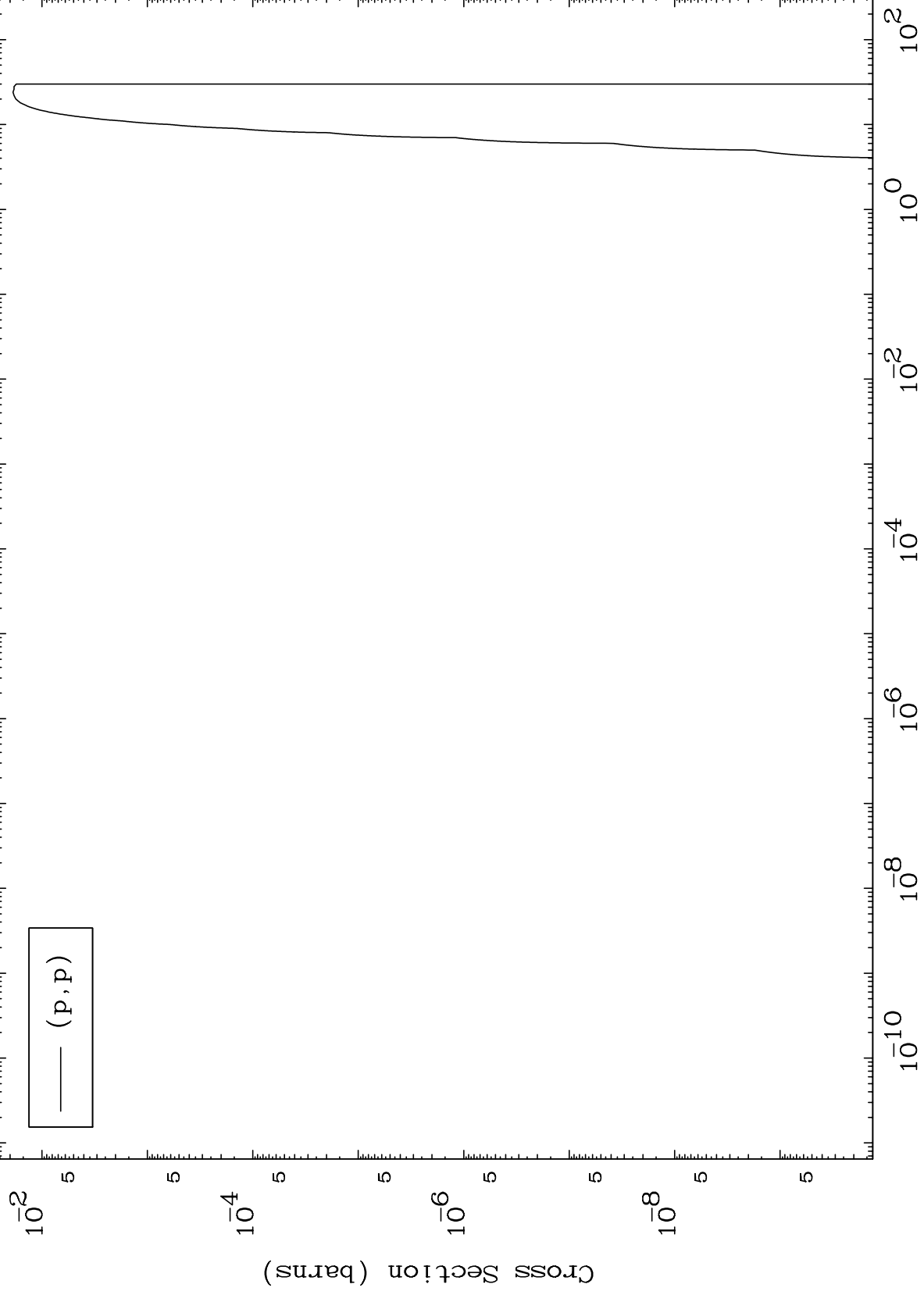
6

55-Cs-138

MAT 5541

(p,p) Levels
0 Kelvin Cross Sections

55-Cs-138

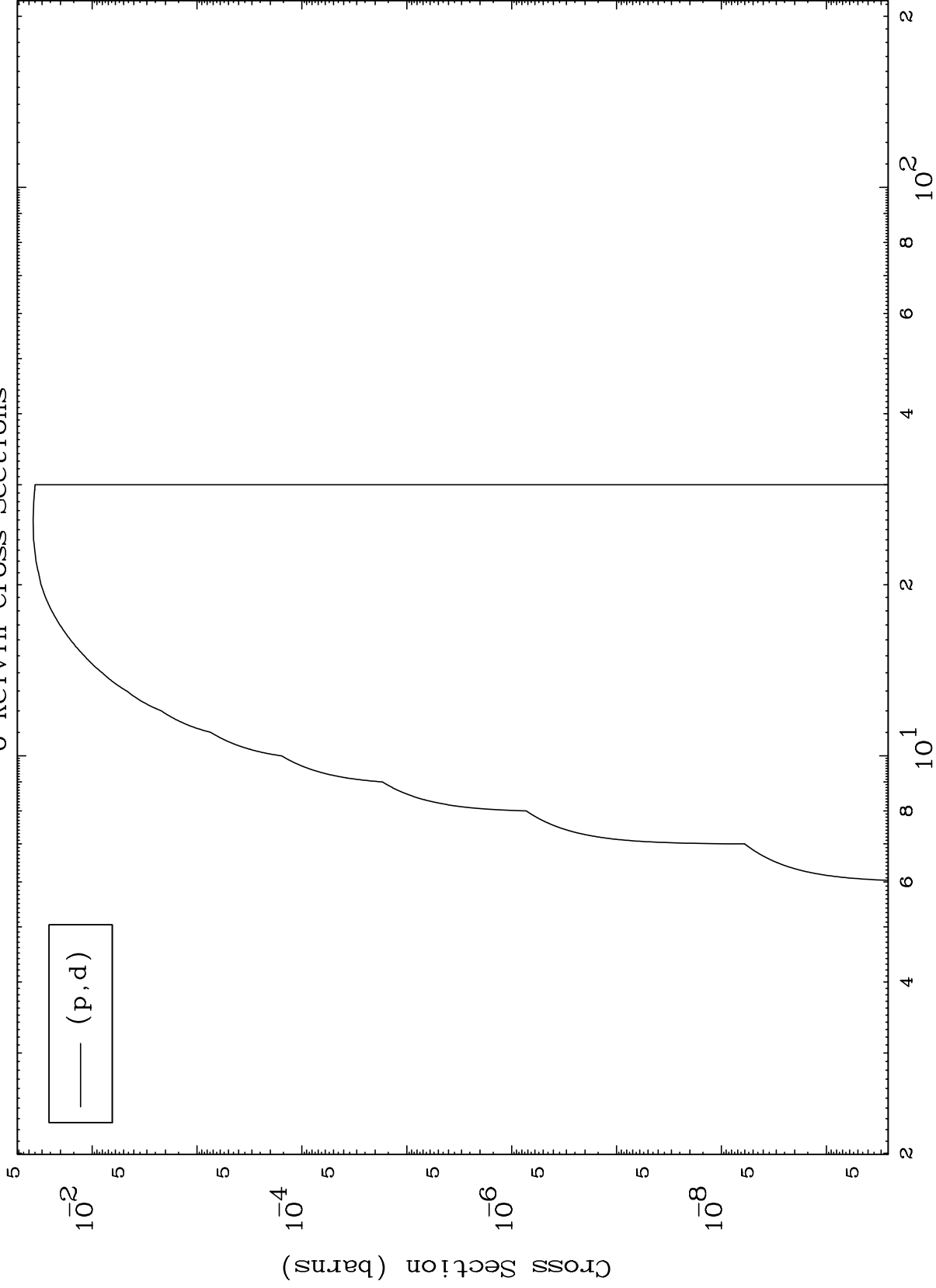


MAT 5541

(p,d) Levels

55-Cs-138

0 Kelvin Cross Sections



8

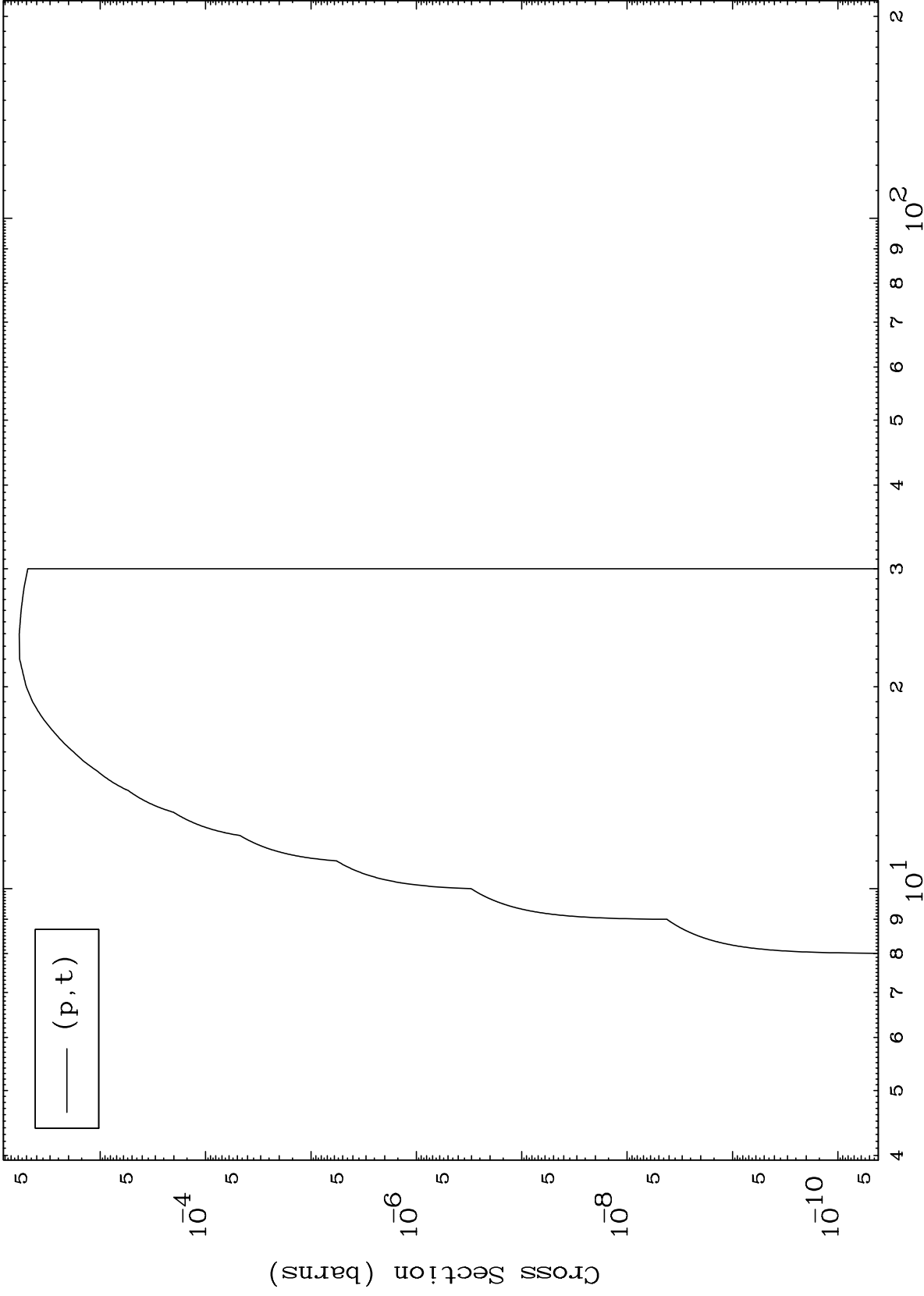
Incident Energy (MeV)

55-Cs-138

MAT 5541

(p, t) Levels
0 Kelvin Cross Sections

55-Cs-138



9

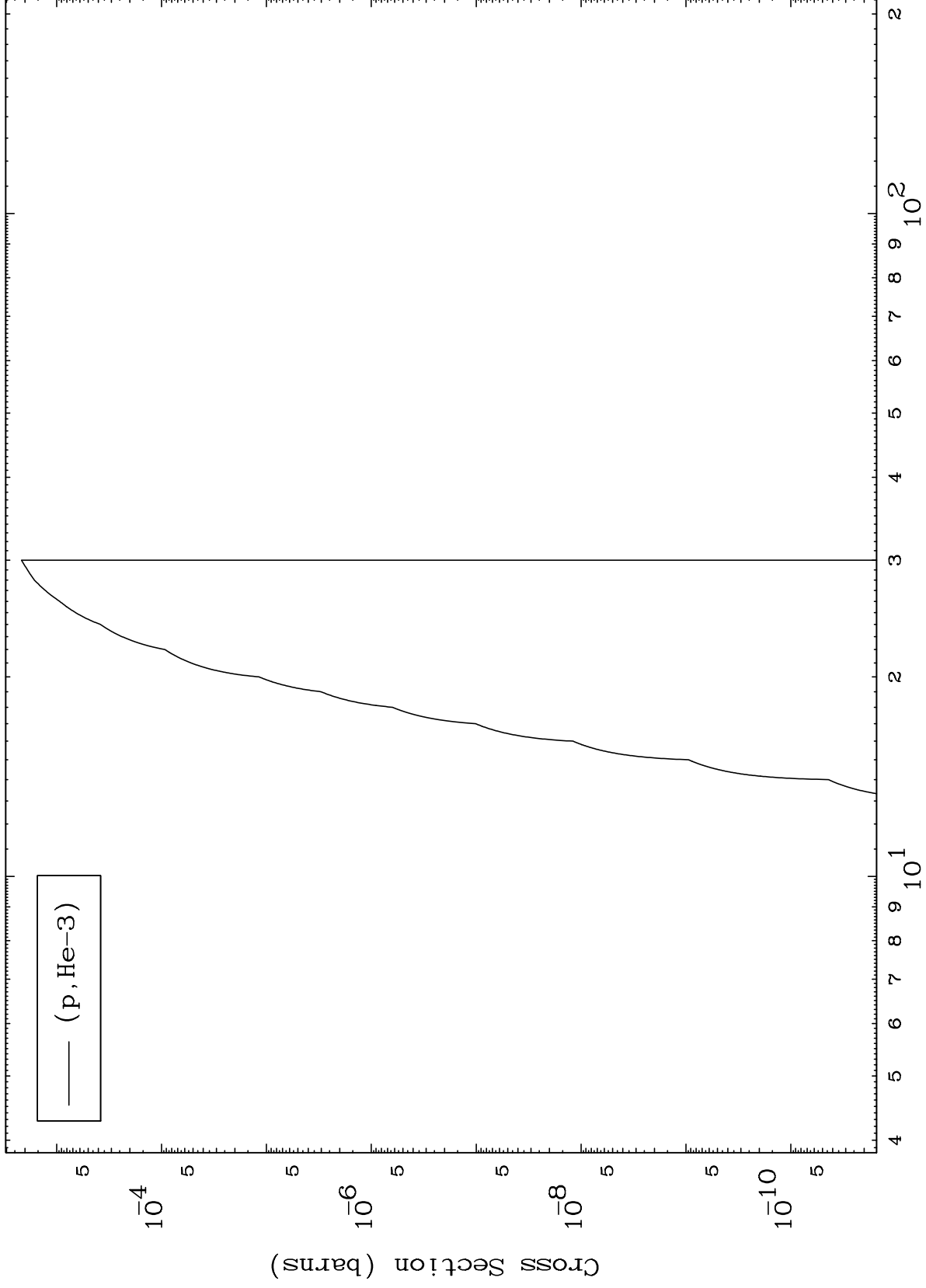
Incident Energy (MeV)

55-Cs-138

MAT 5541

(p,He3) Levels
0 Kelvin Cross Sections

55-Cs-138



10

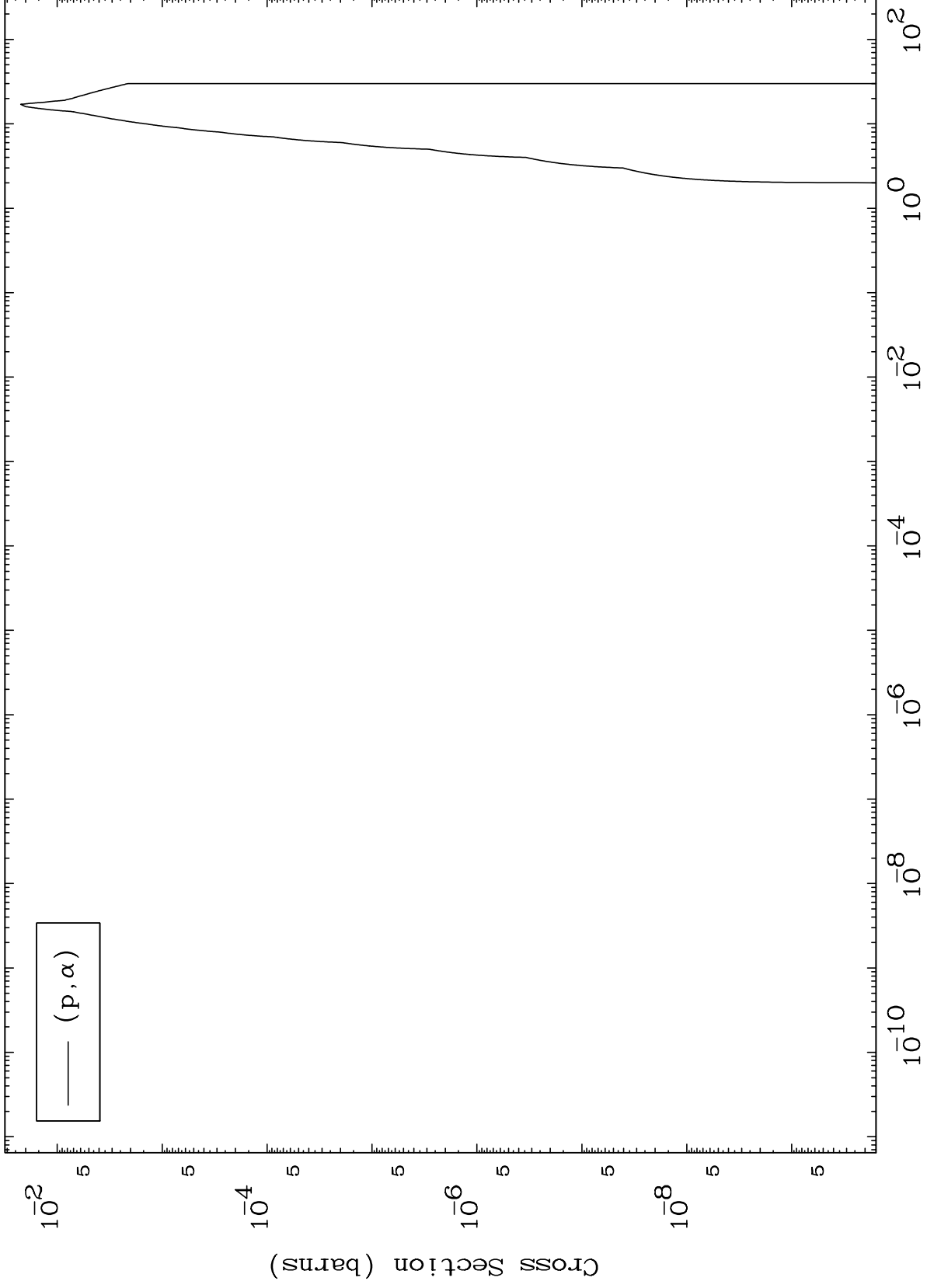
Incident Energy (MeV)

55-Cs-138

MAT 5541

(p, α) Levels
0 Kelvin Cross Sections

55-Cs-138

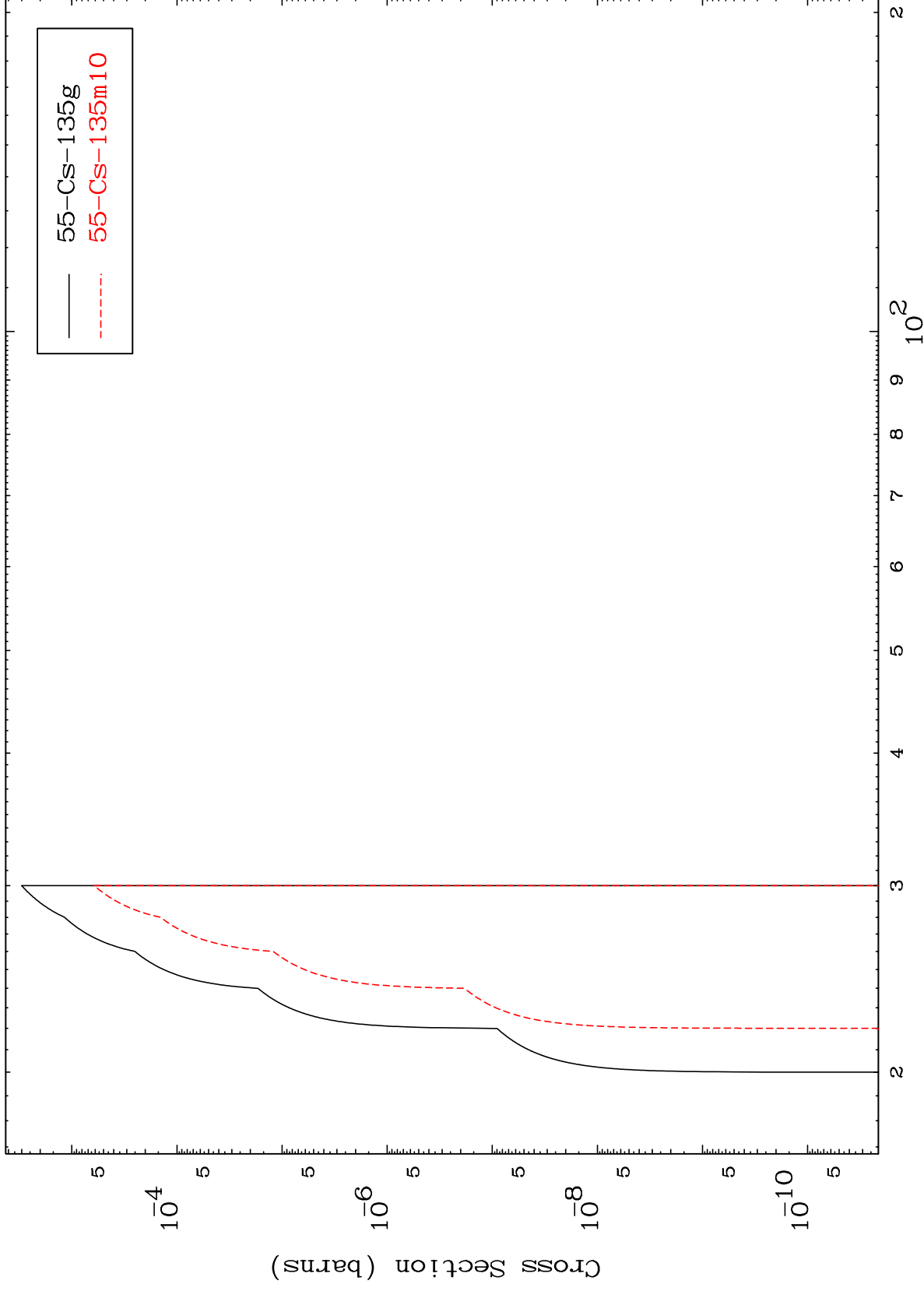


MAT 5541

(p,2n) d

55-Cs-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

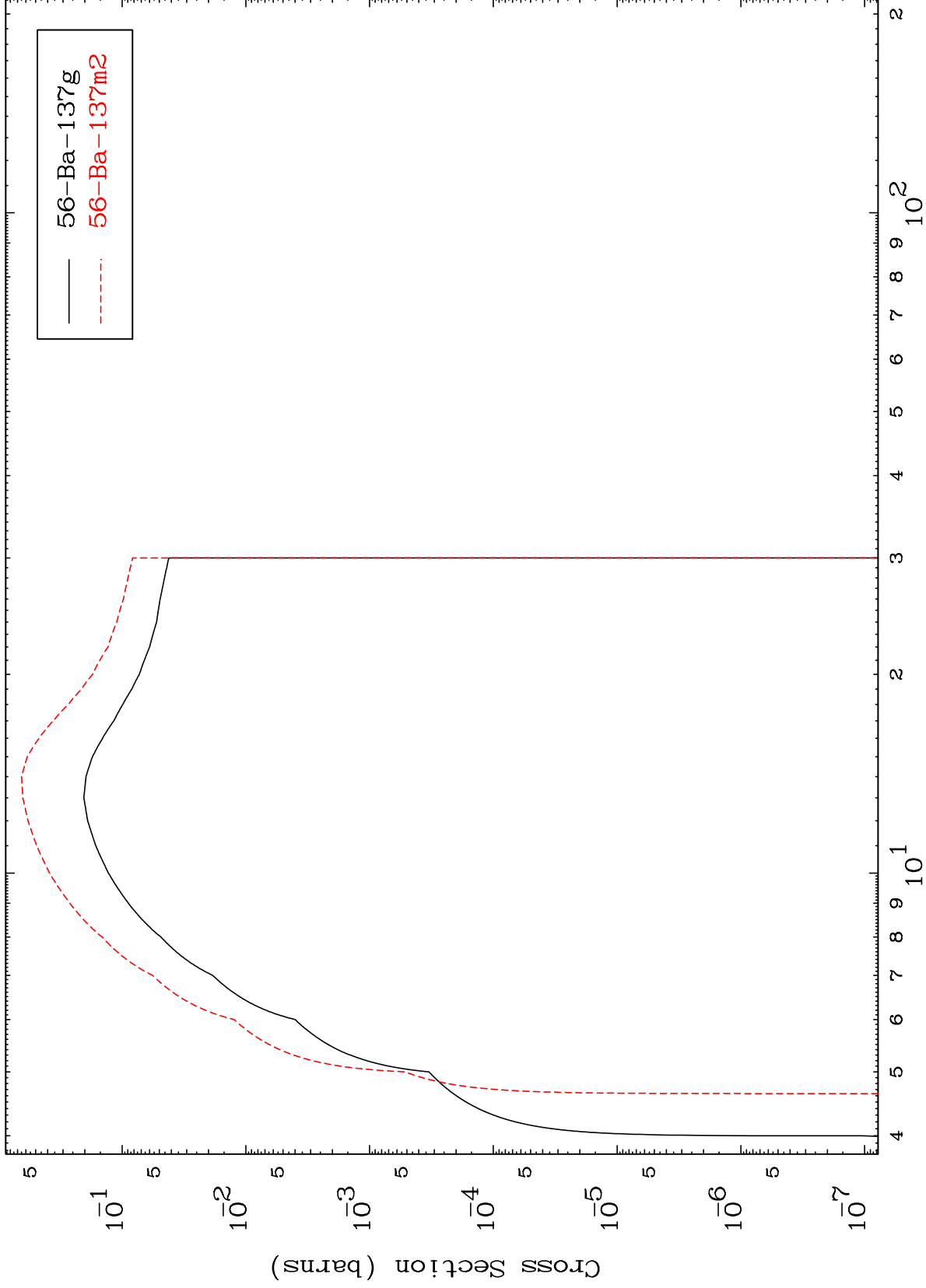
55-Cs-138

MAT 5541

(p,2n)

55-Cs-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

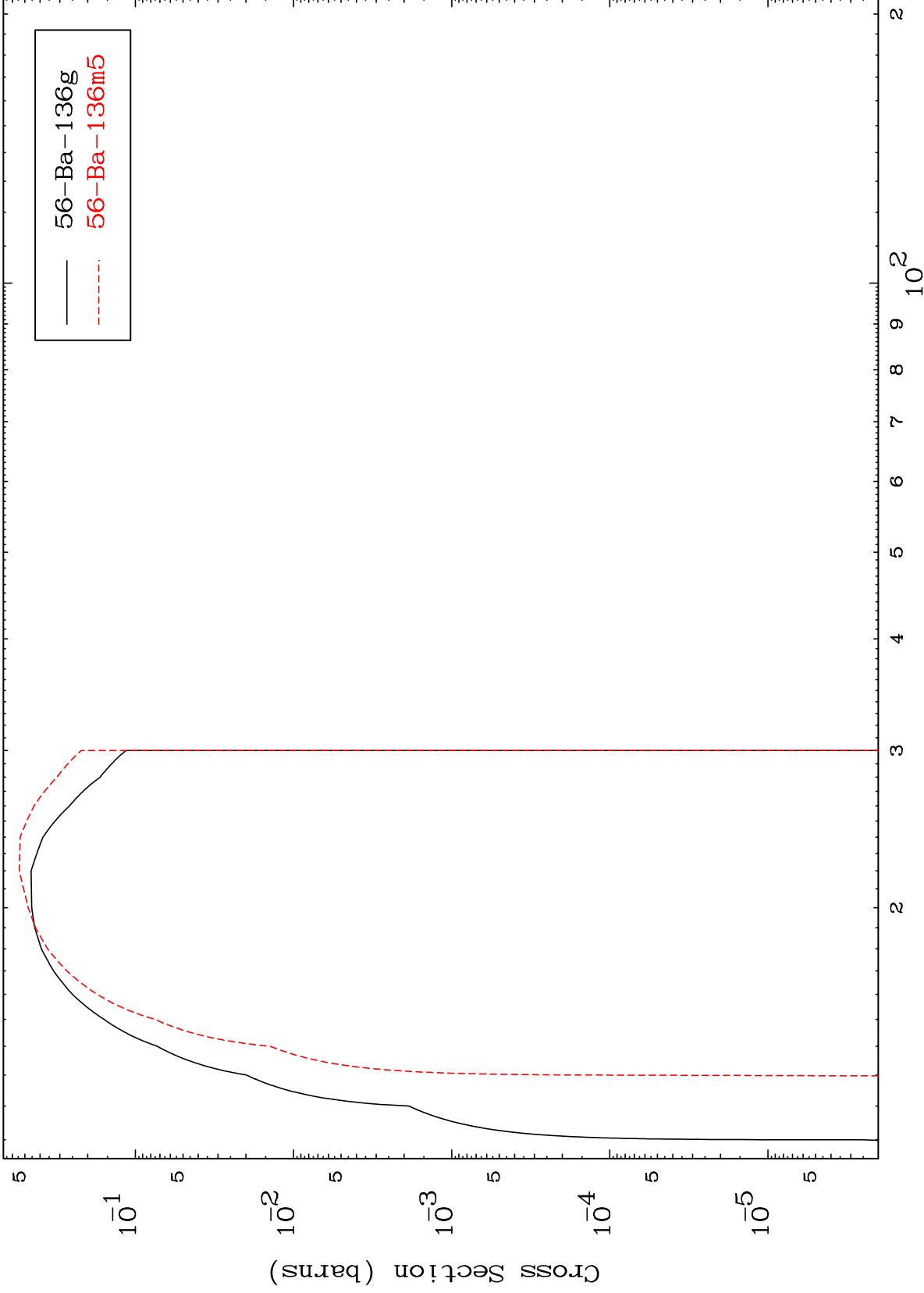
55-Cs-138

MAT 5541

(p,3n)

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

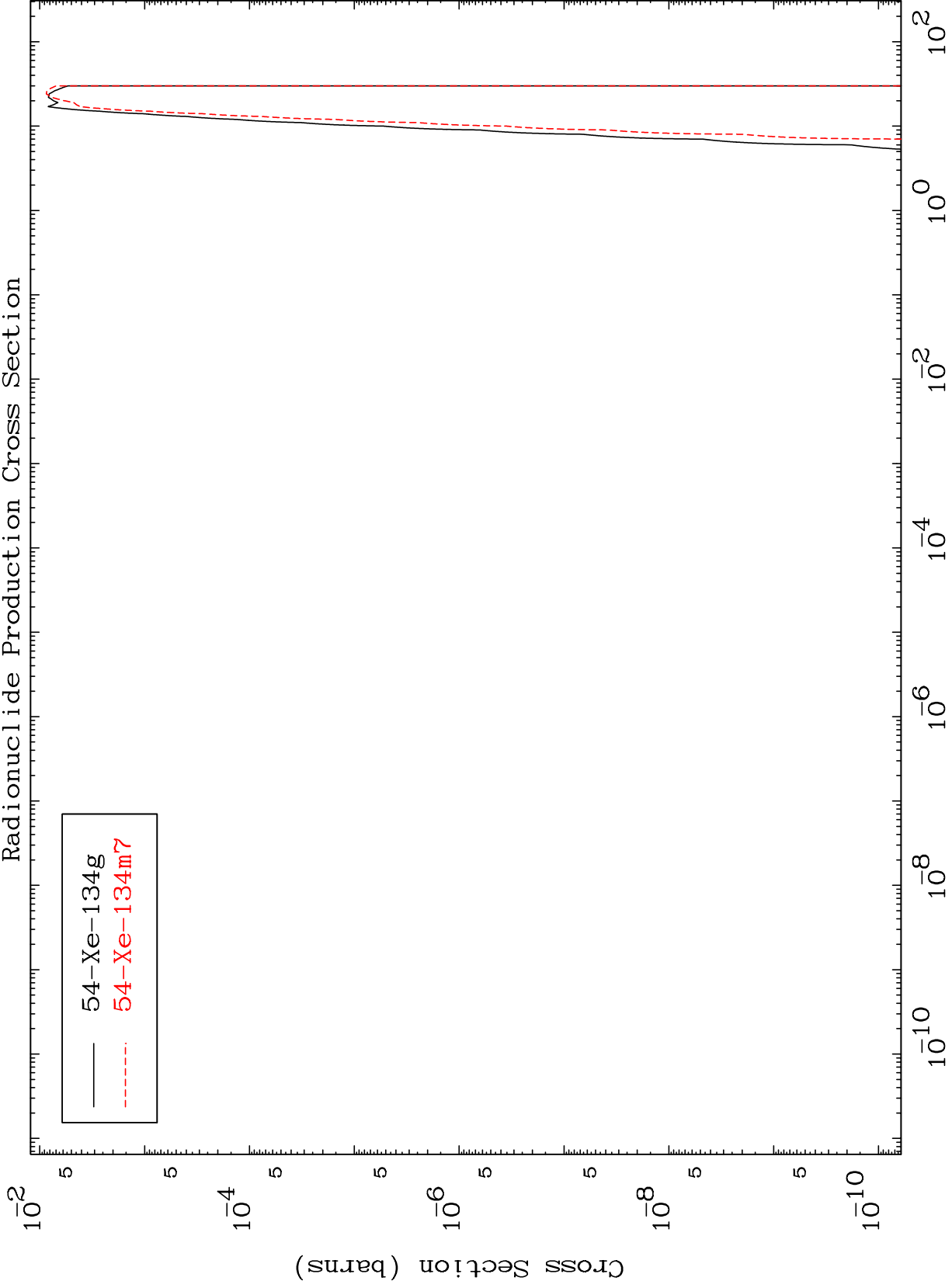
55-Cs-138

MAT 5541

(p,n') α

55-Cs-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

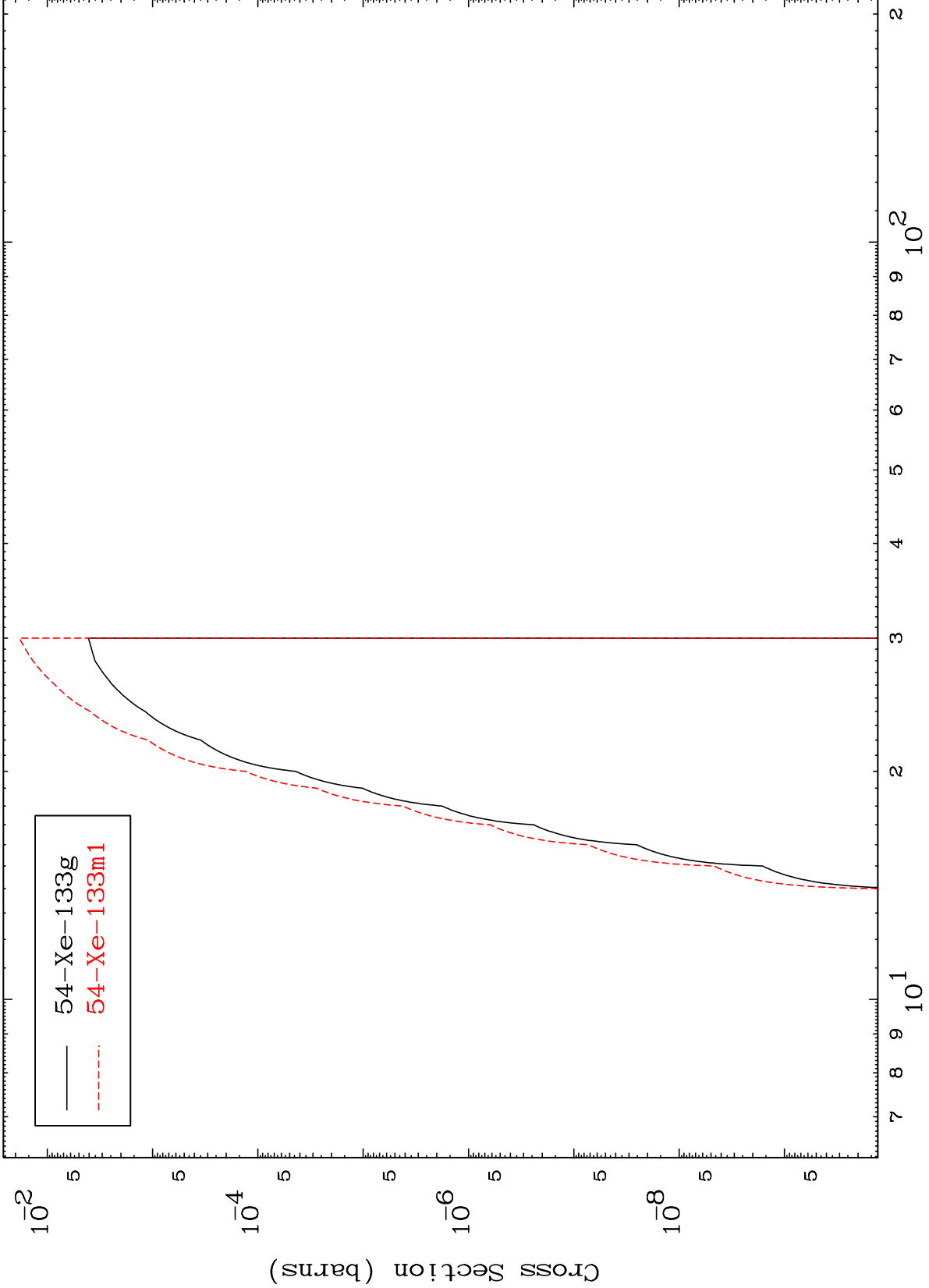
55-Cs-138

MAT 5541

55-Cs-138

(p,2n) α

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

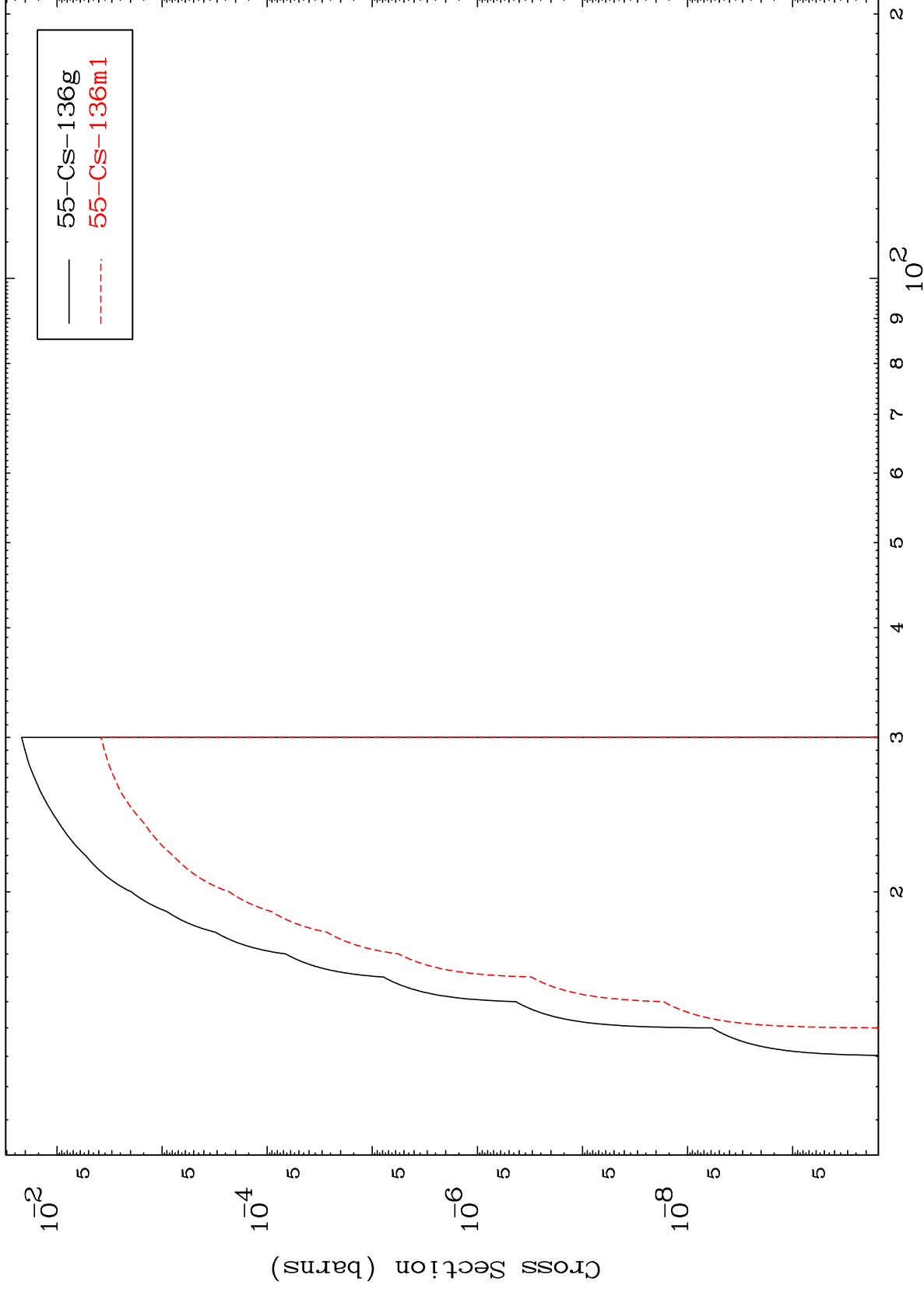
55-Cs-138

MAT 5541

(p,n) d

55-Cs-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

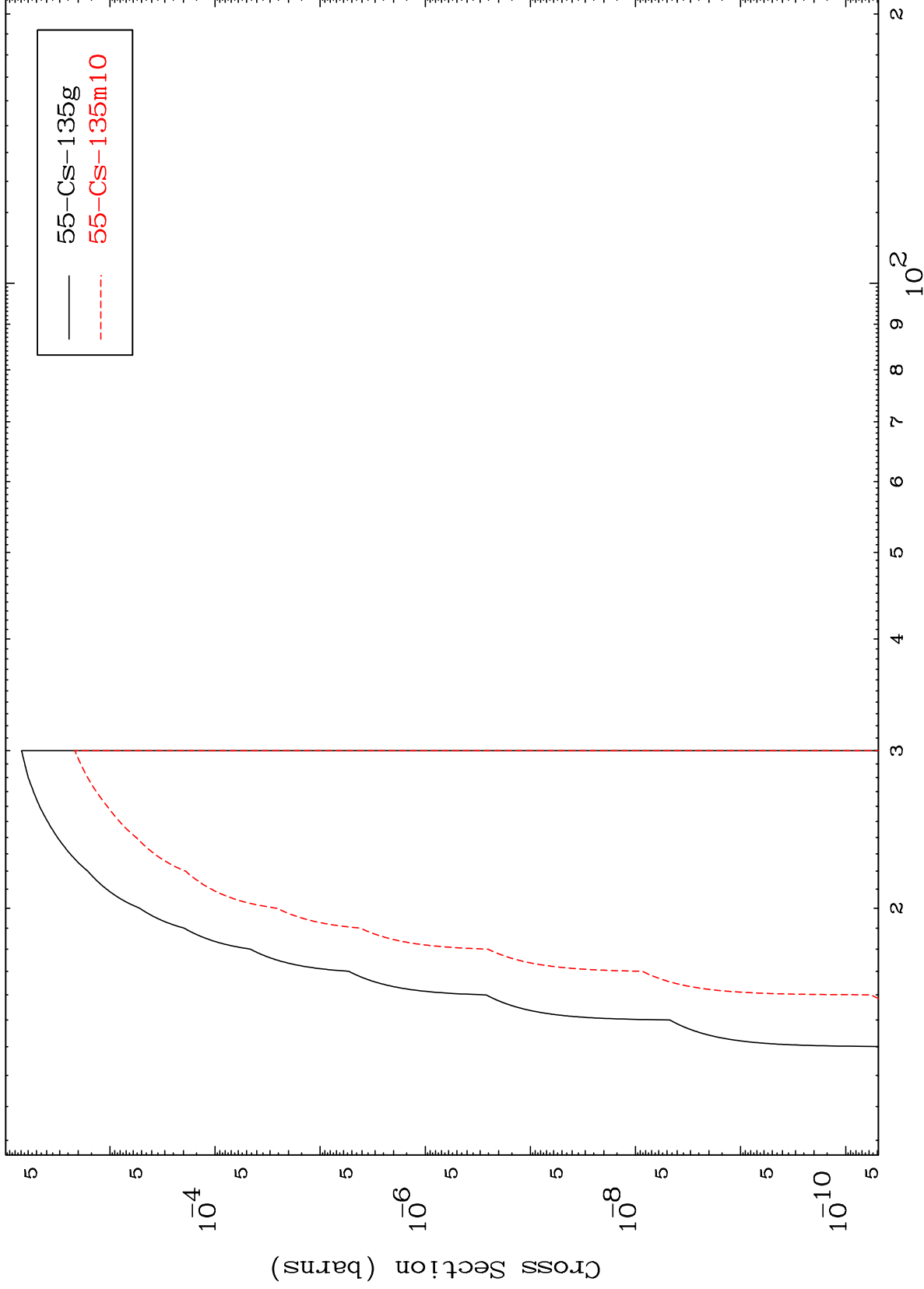
55-Cs-138

MAT 5541

(p,n') t

55-Cs-138

Radionuclide Production Cross Section



18

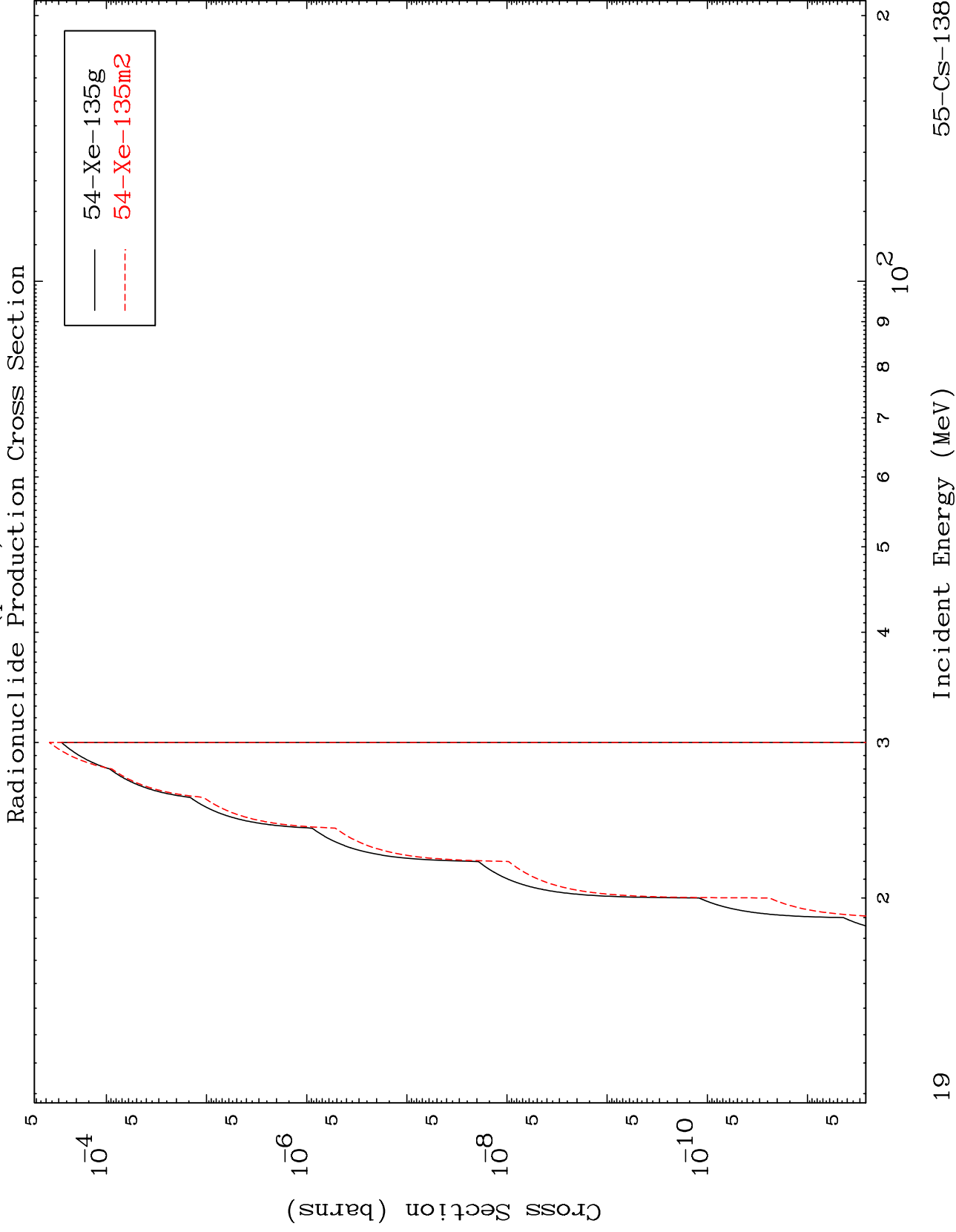
Incident Energy (MeV)

55-Cs-138

MAT 5541

(p,n') He-3

55-Cs-138



19

Incident Energy (MeV)

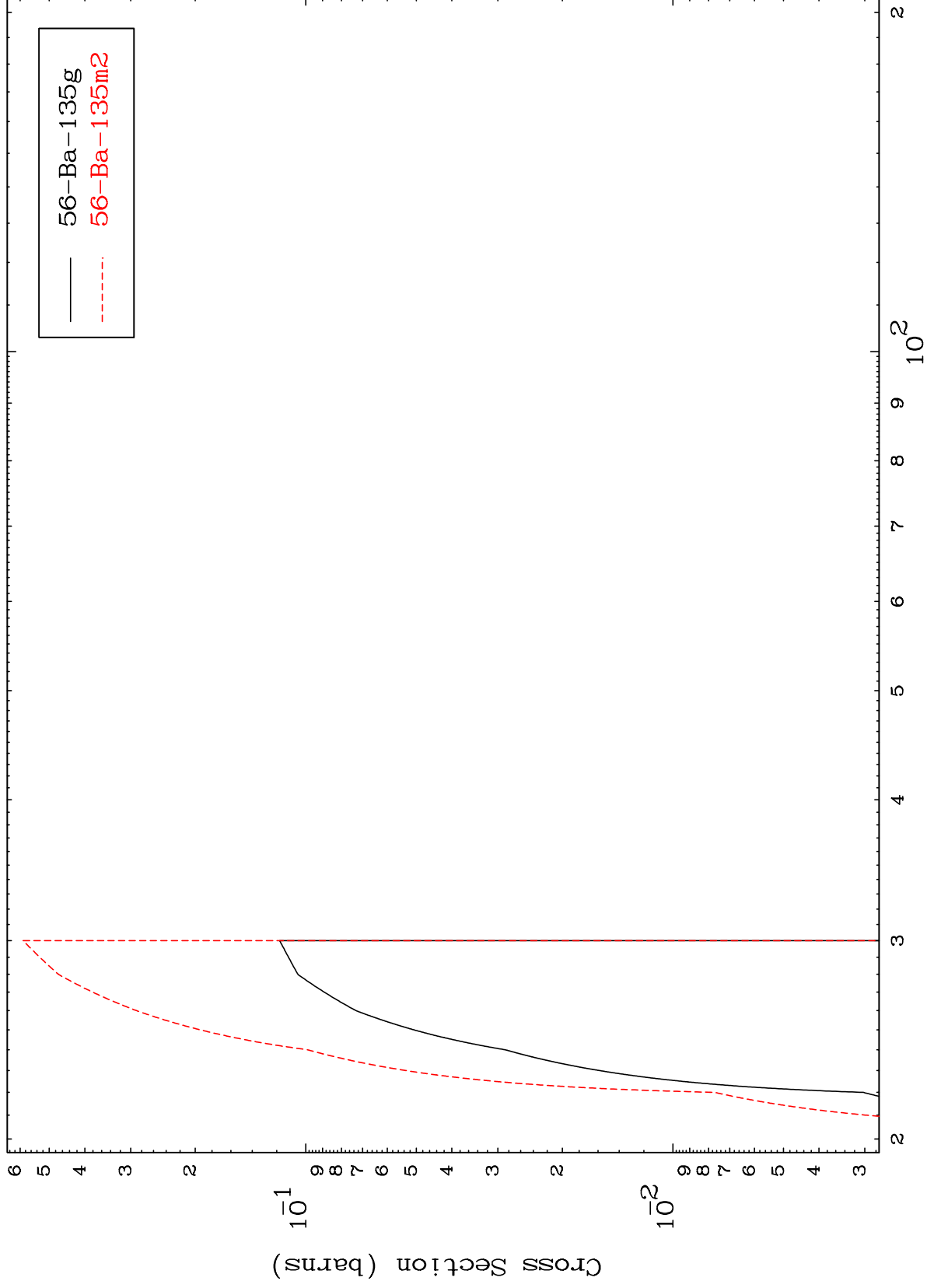
55-Cs-138

MAT 5541

(p,4n)

55-Cs-138

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-138

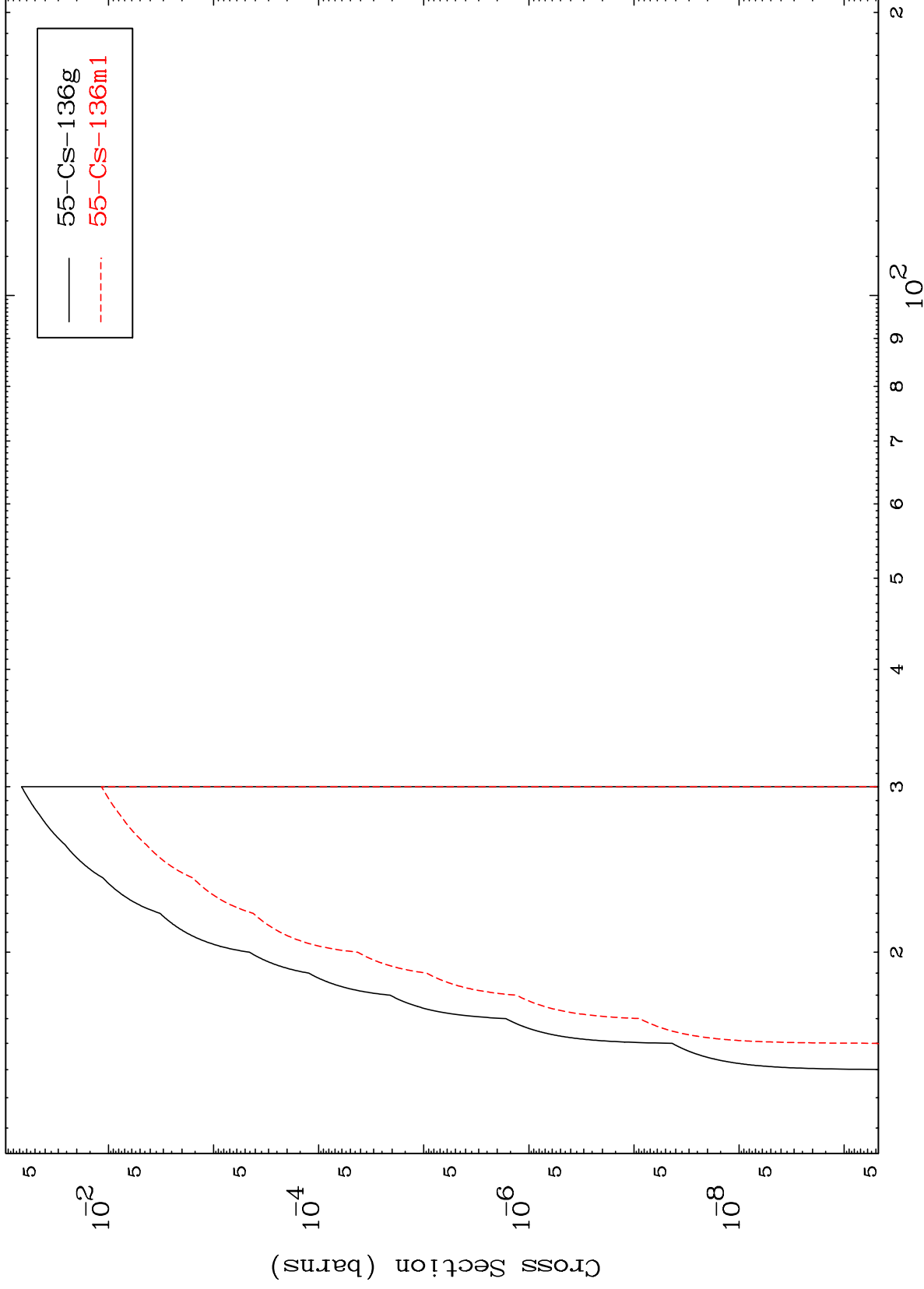
20

MAT 5541

(p,2n) p

55-Cs-138

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m1

21

Incident Energy (MeV)

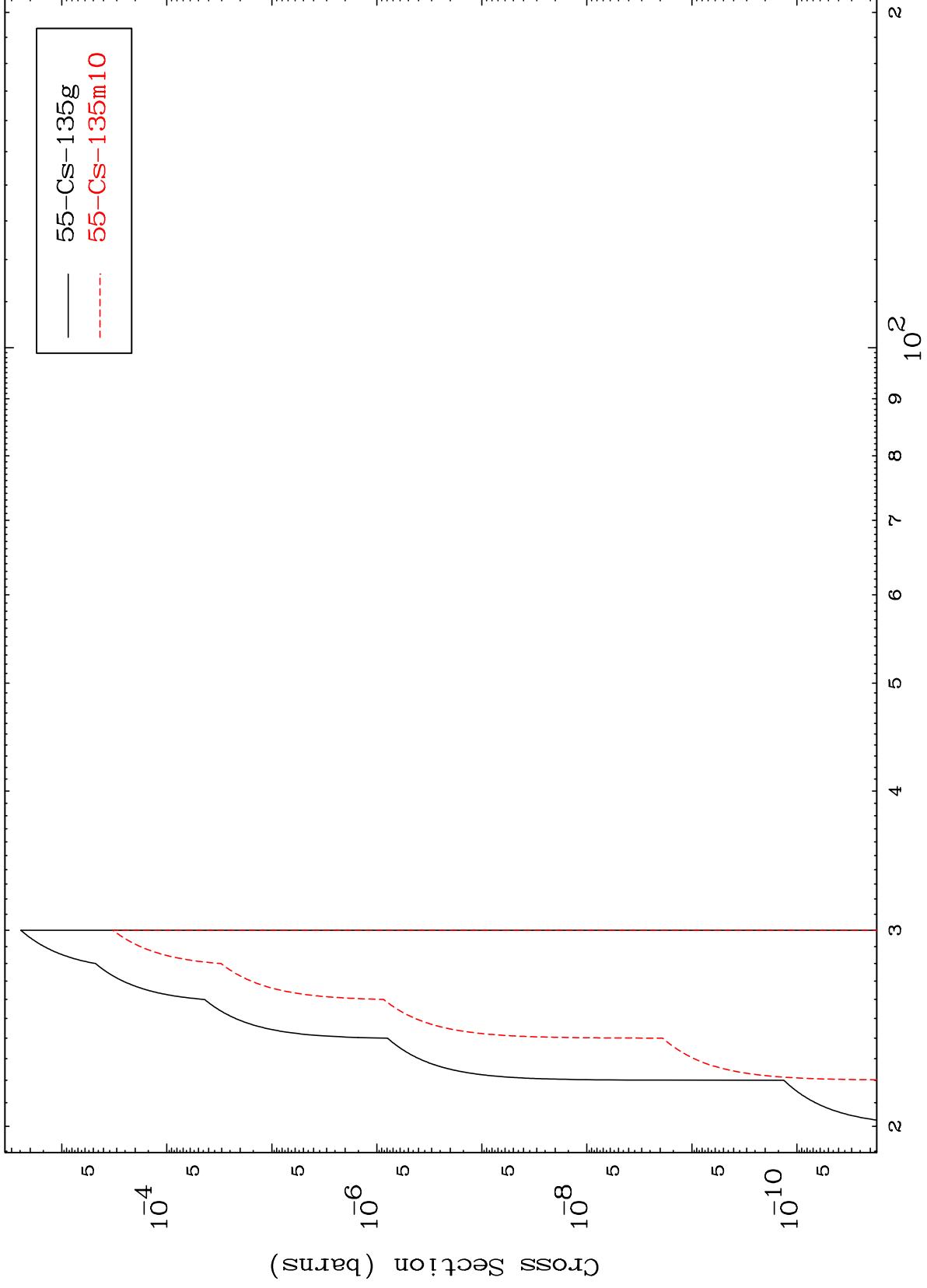
55-Cs-138

MAT 5541

(p,3n) p

55-Cs-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

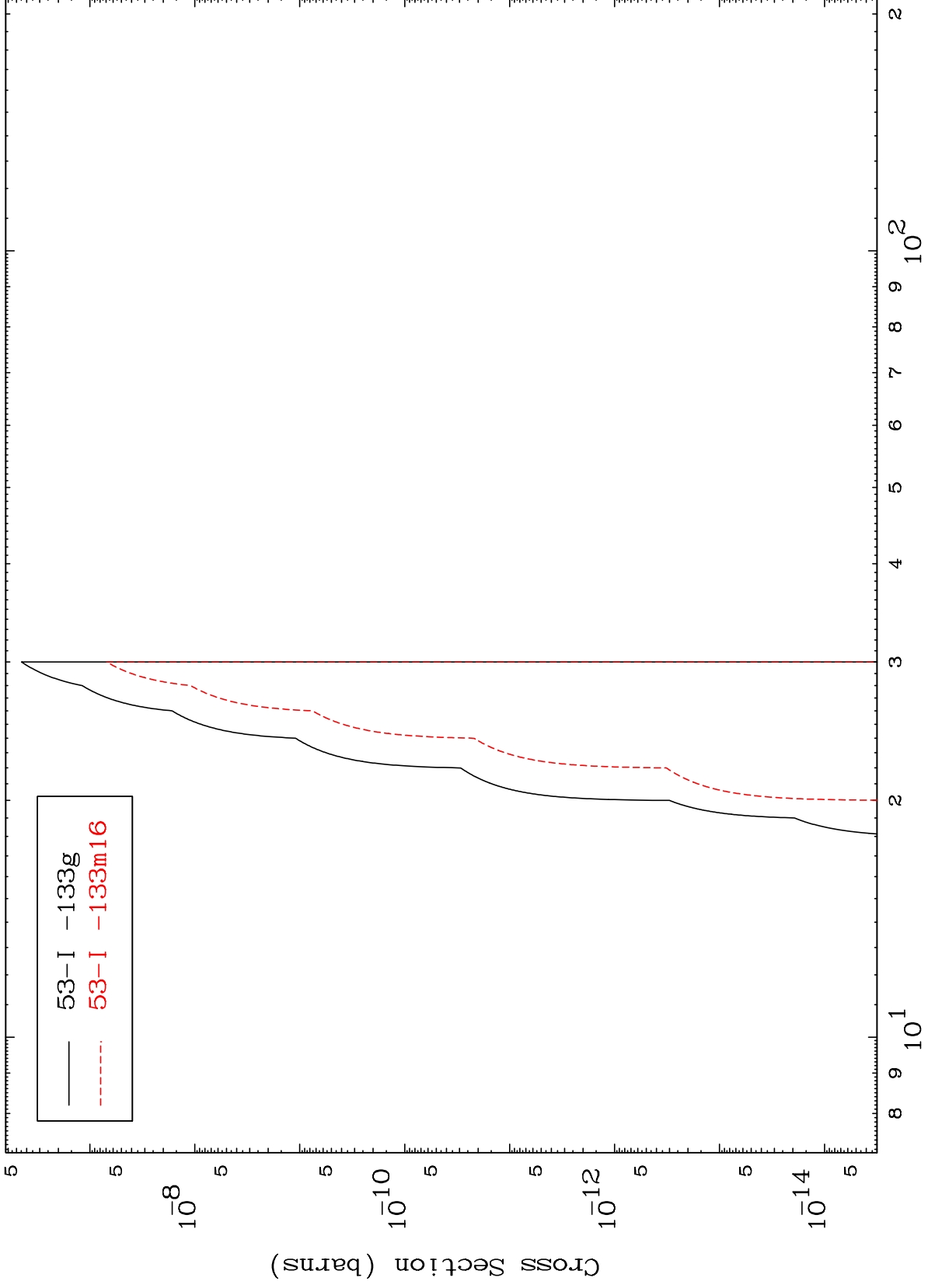
55-Cs-138

MAT 5541

(p,n') p α

55-Cs-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

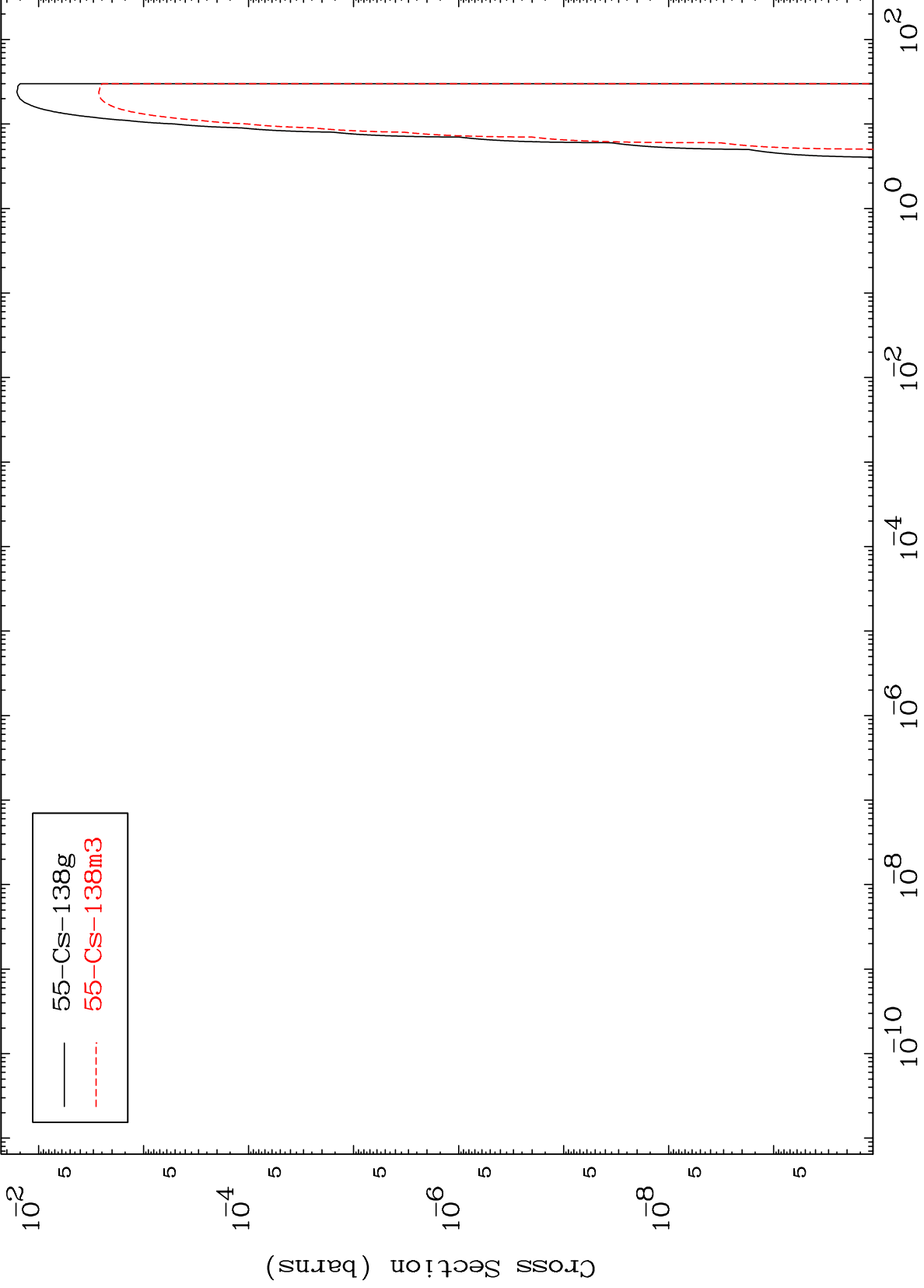
55-Cs-138

MAT 5541

(p,p)

55-Cs-138

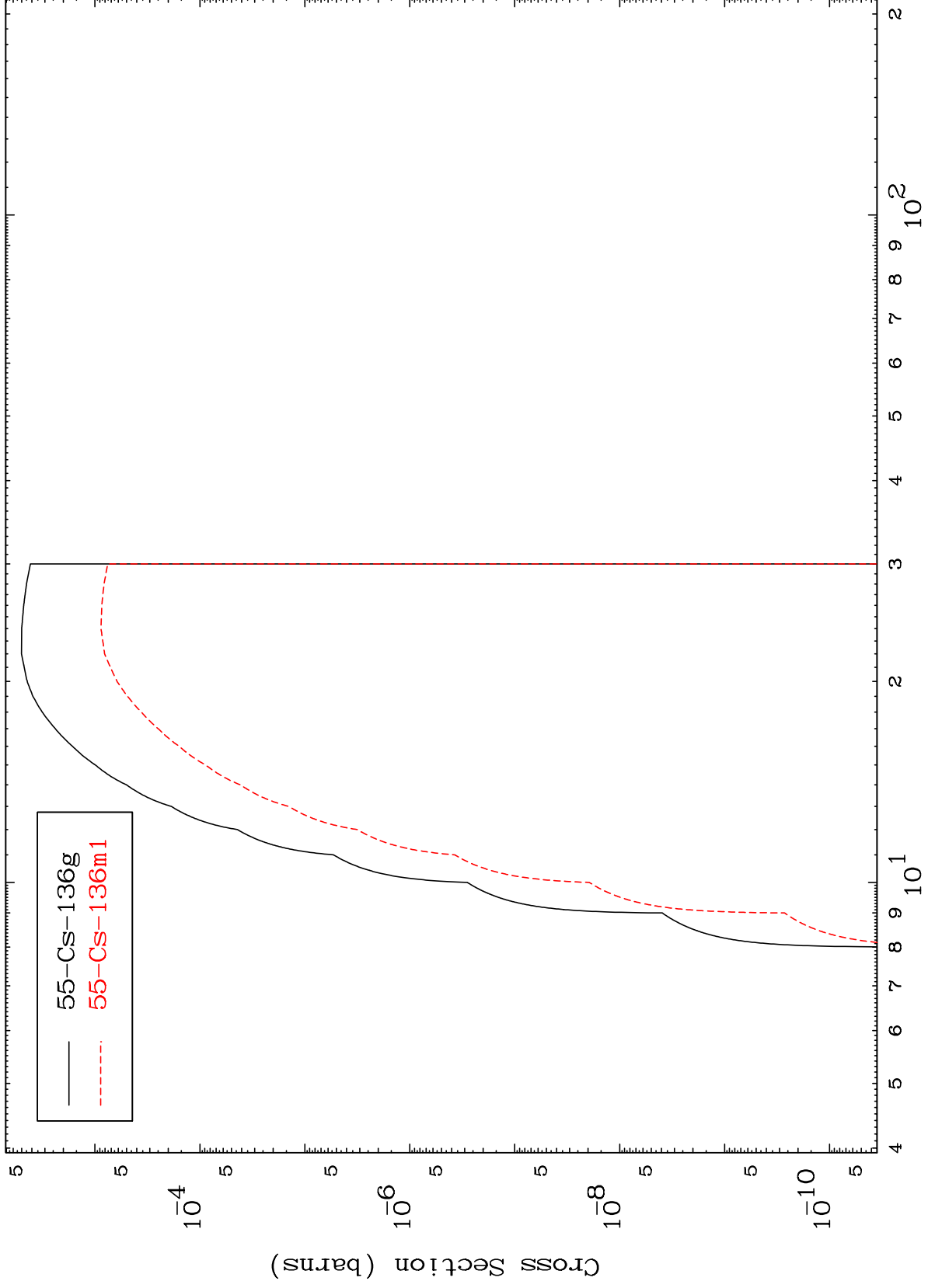
Radionuclide Production Cross Section



MAT 5541

55-Cs-138

(p, t)
Radionuclide Production Cross Section



25

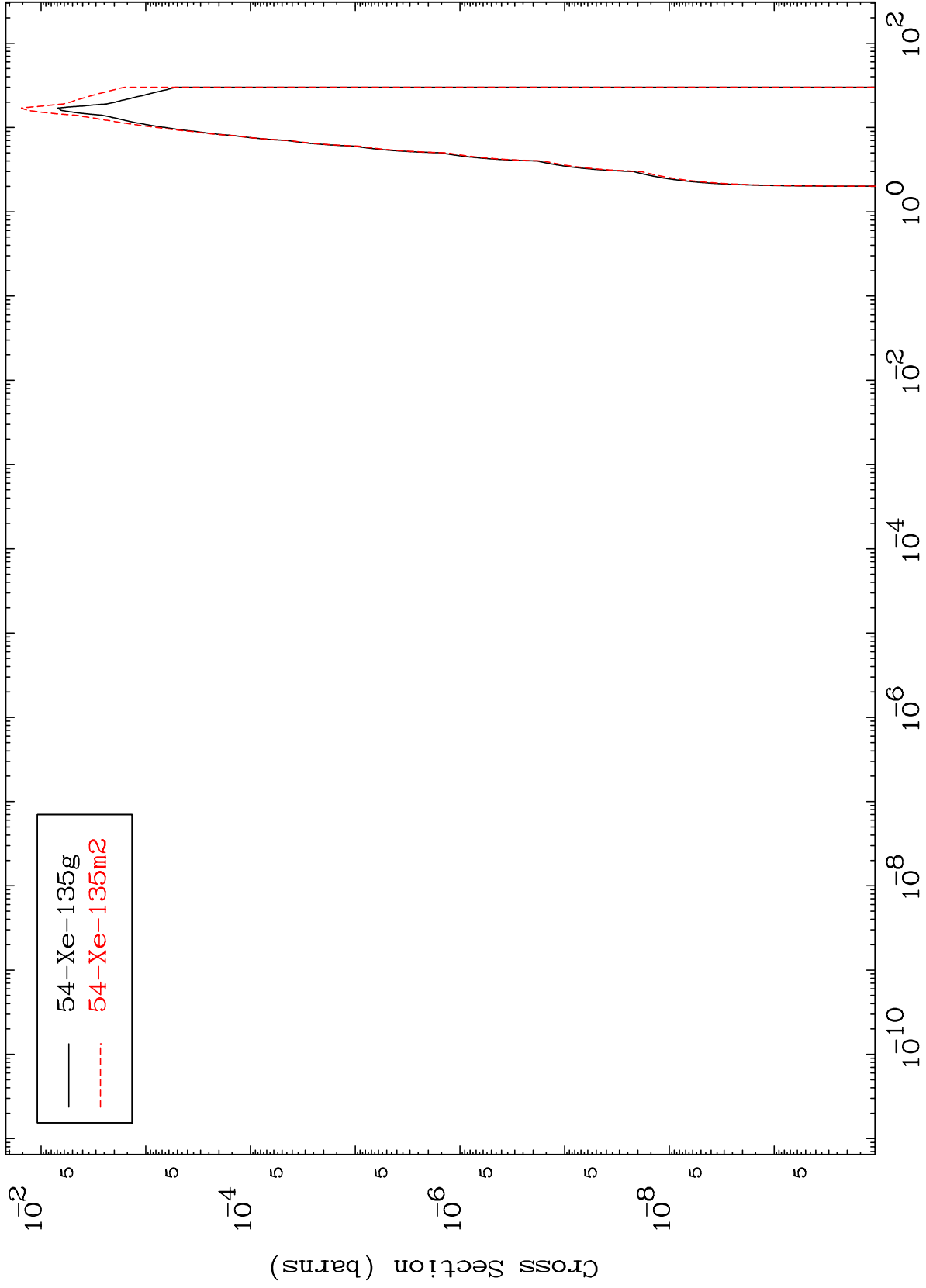
Incident Energy (MeV)

55-Cs-138

MAT 5541

55-Cs-138

(p, α)
Radionuclide Production Cross Section



26

55-Cs-138

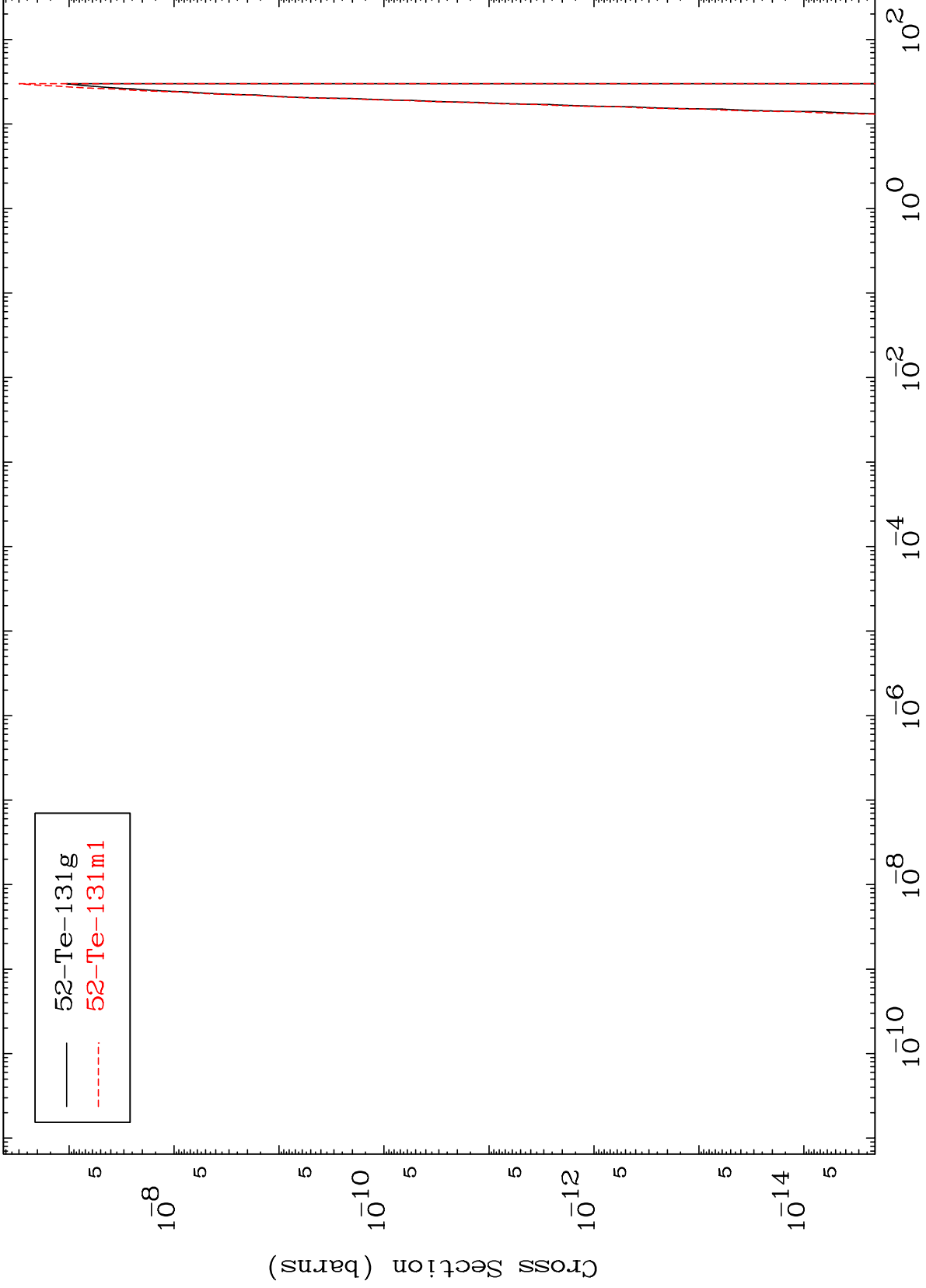
Incident Energy (MeV)

MAT 5541

(p,2 α)

55-Cs-138

Radionuclide Production Cross Section

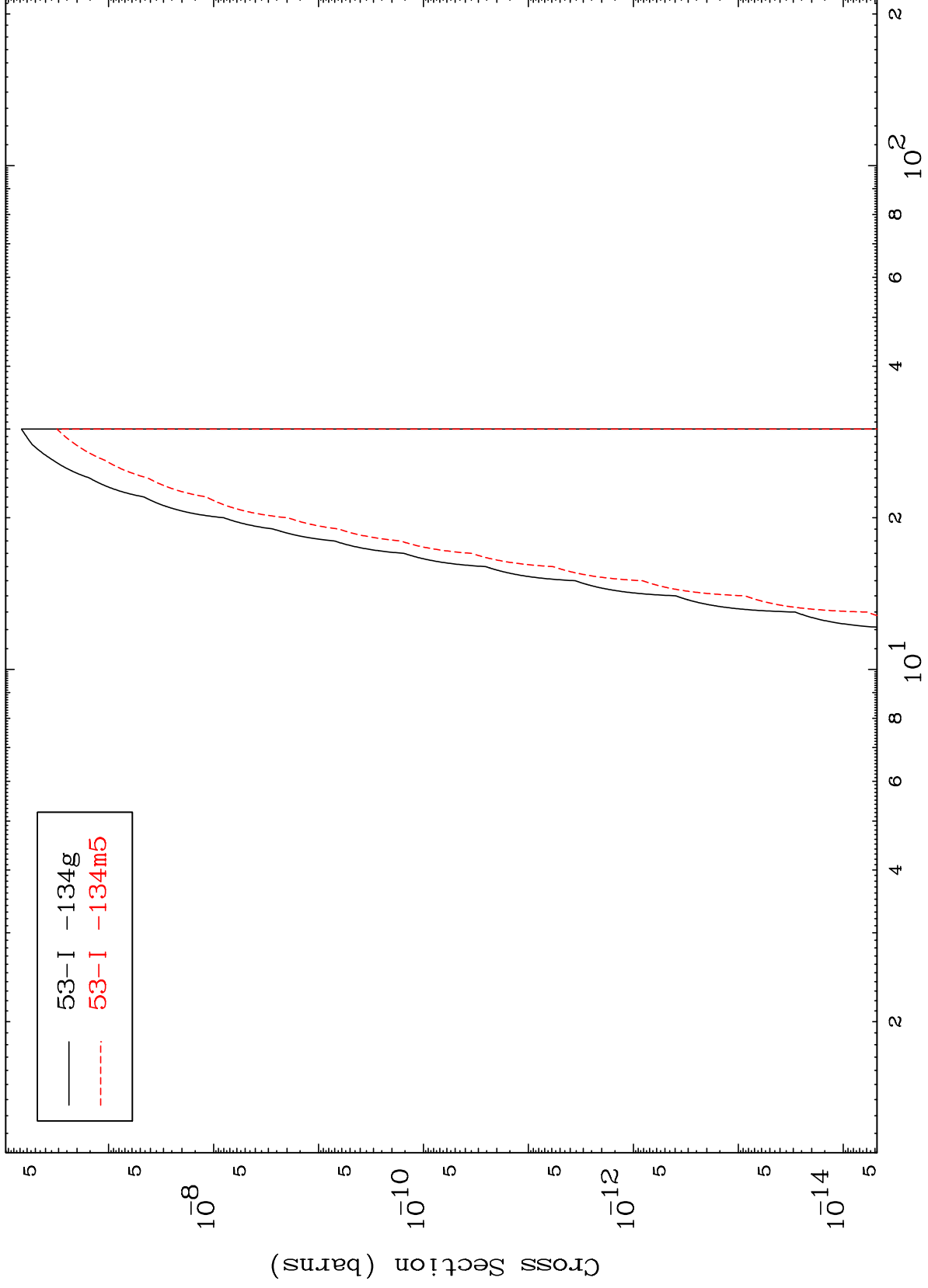


MAT 5541

(p,p) α

55-Cs-138

Radionuclide Production Cross Section

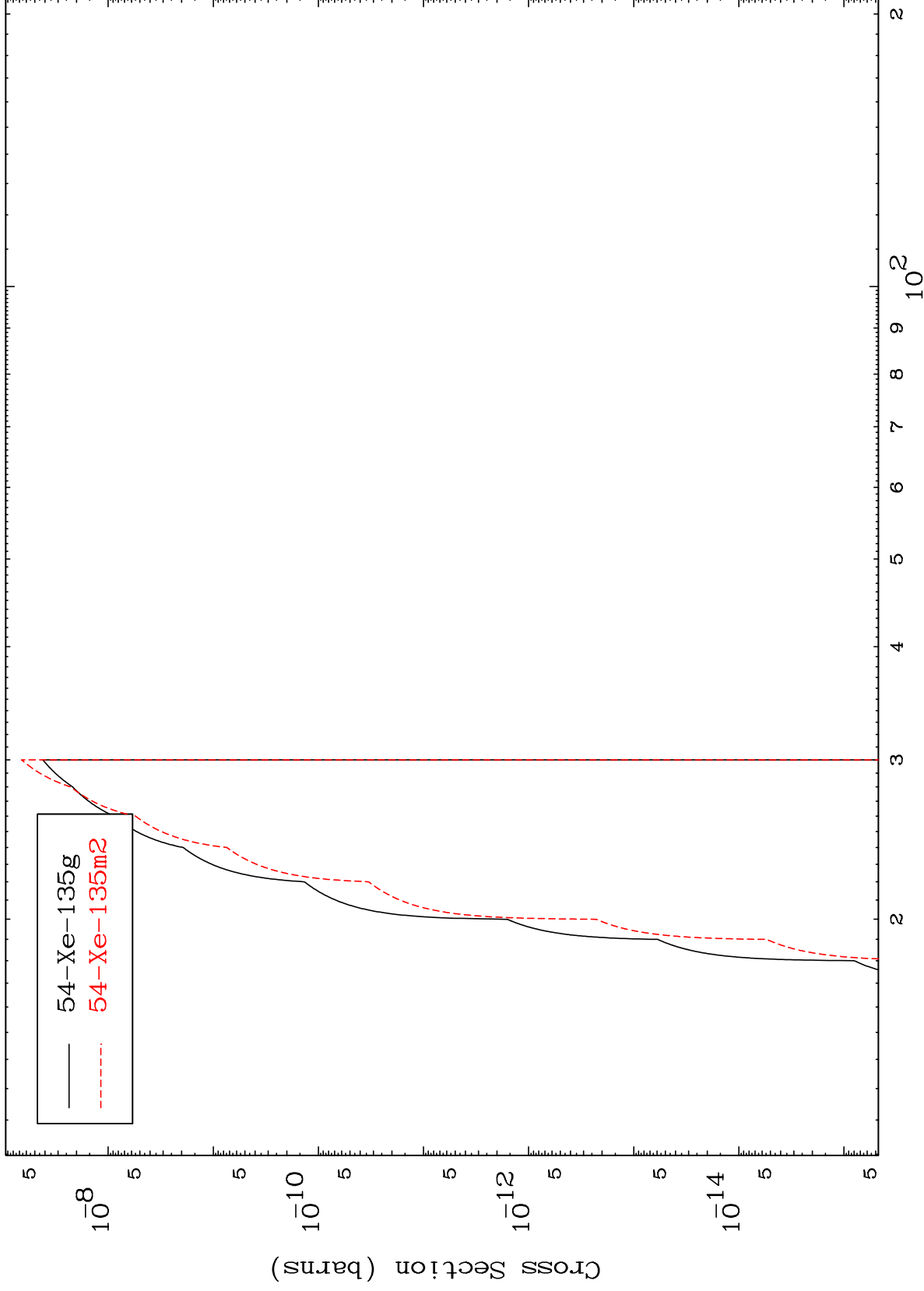


28

Incident Energy (MeV)

55-Cs-138

Radionuclide Production Cross Section

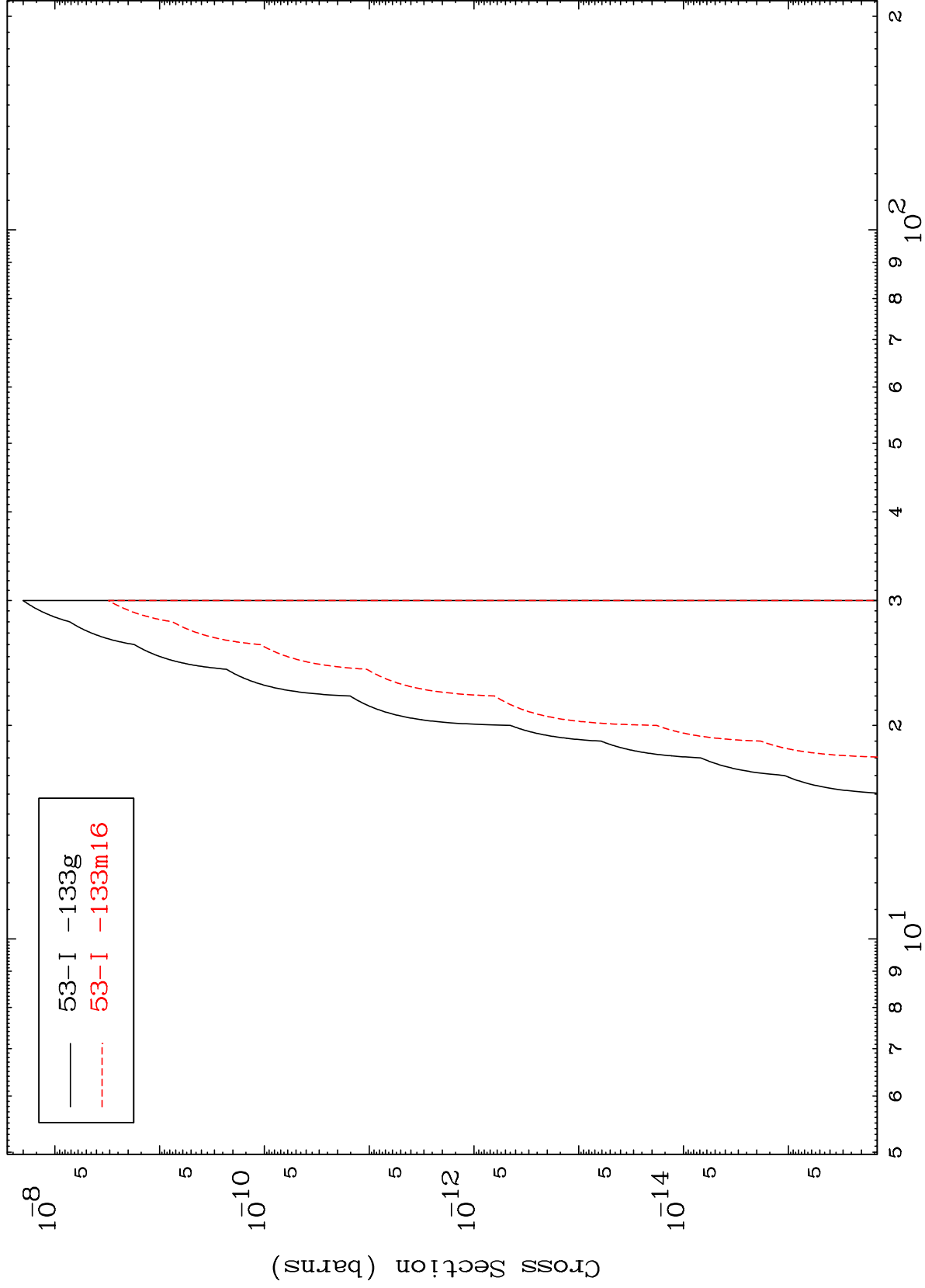


MAT 5541

55-Cs-138

(p,d) α

Radionuclide Production Cross Section



30

Incident Energy (MeV)

55-Cs-138