

Program EVALPLOT  
(Version 2018-1)

by

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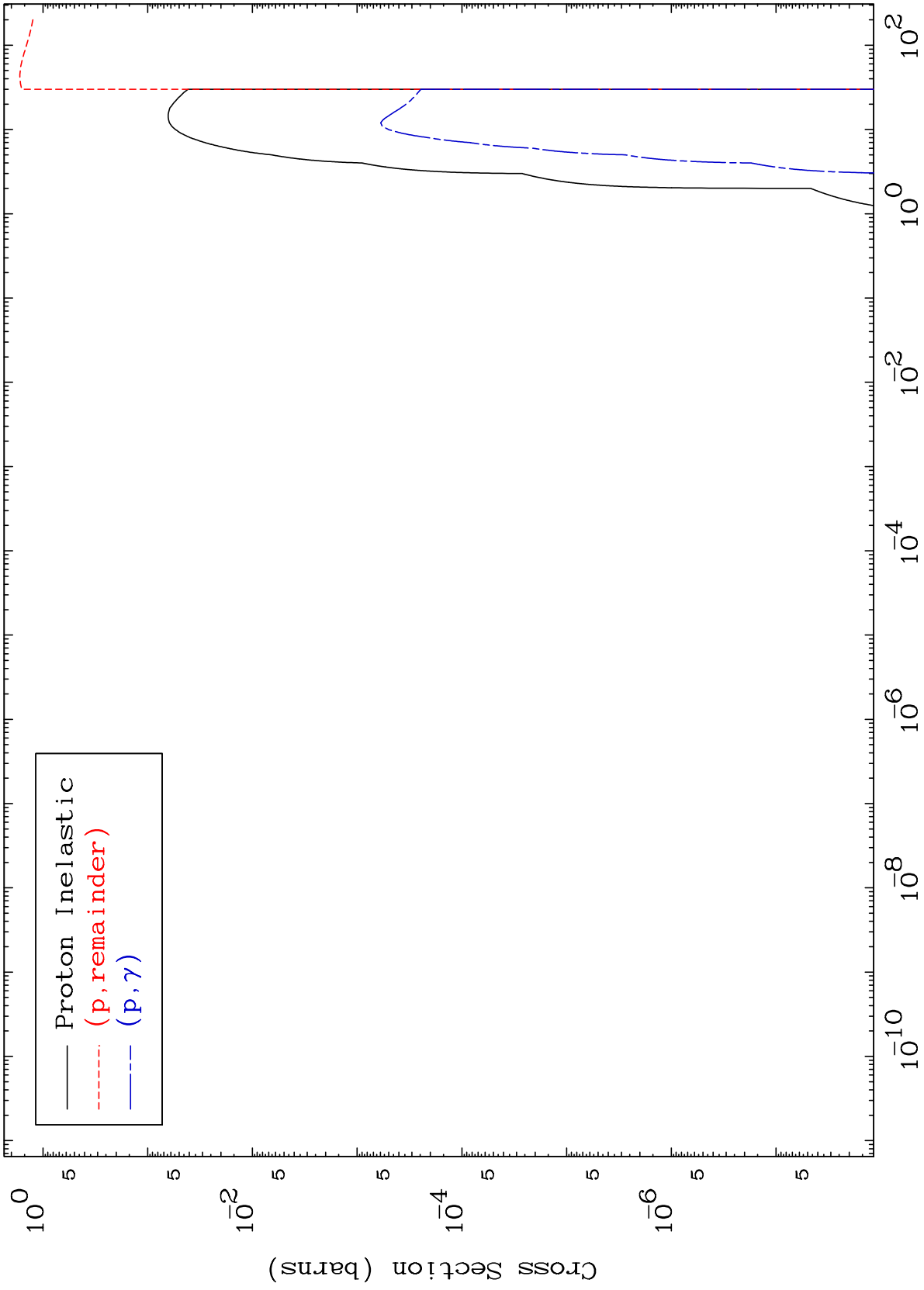
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5540

Proton Major  
0 Kelvin Cross Sections

55-Cs-138

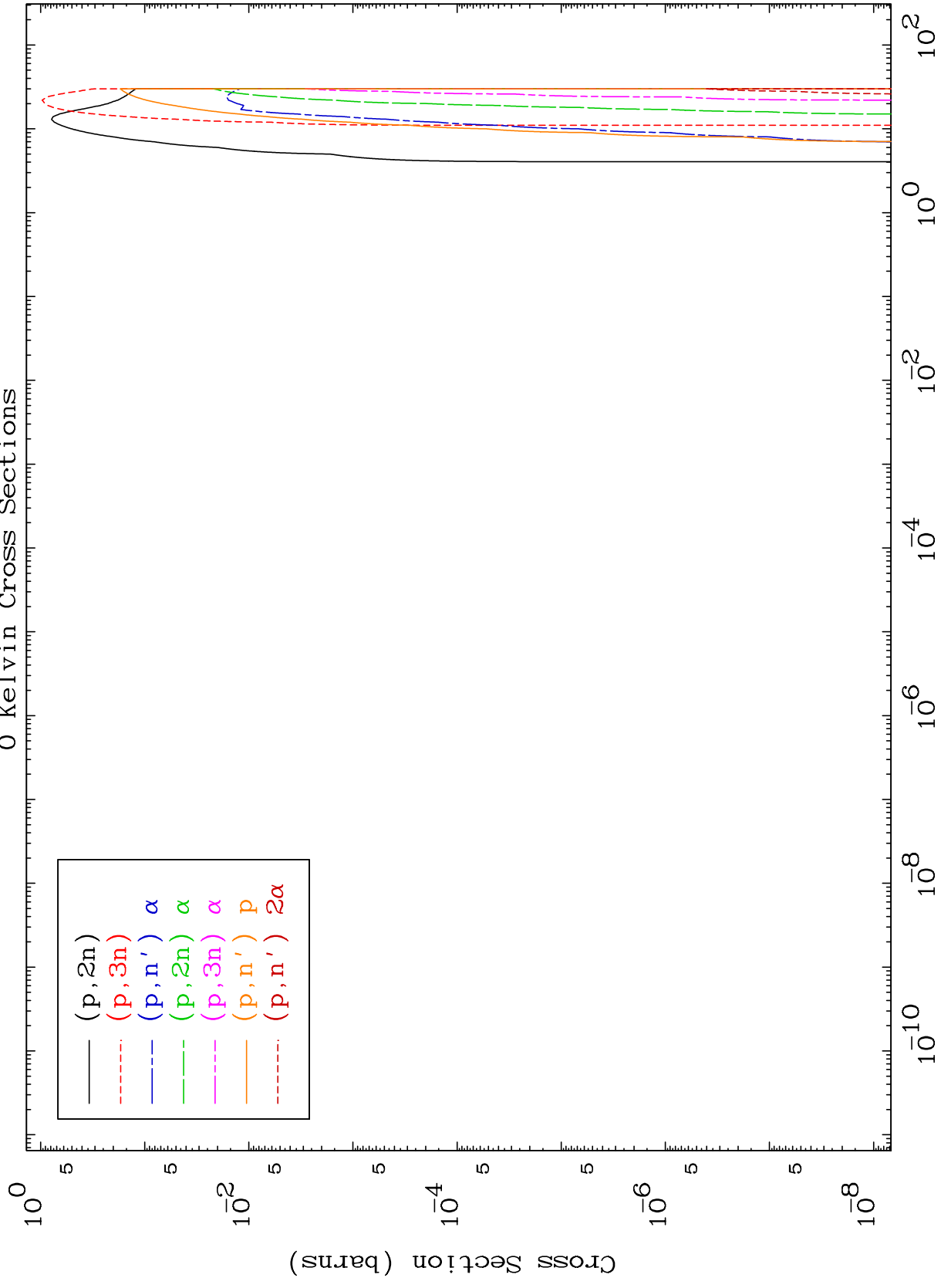


55-Cs-138

MAT 5540

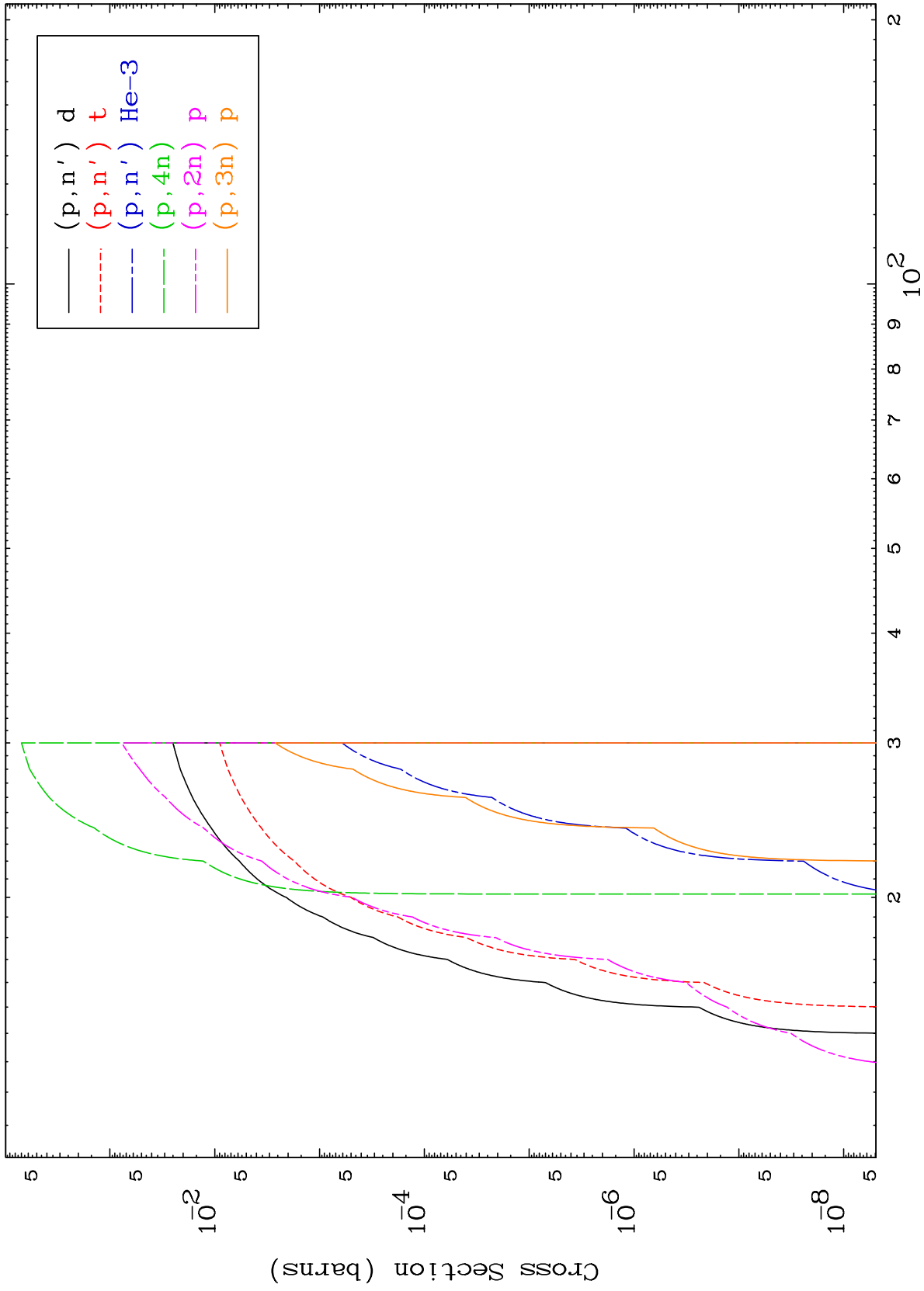
Proton Neutron Production  
0 Kelvin Cross Sections

55-Cs-138



2

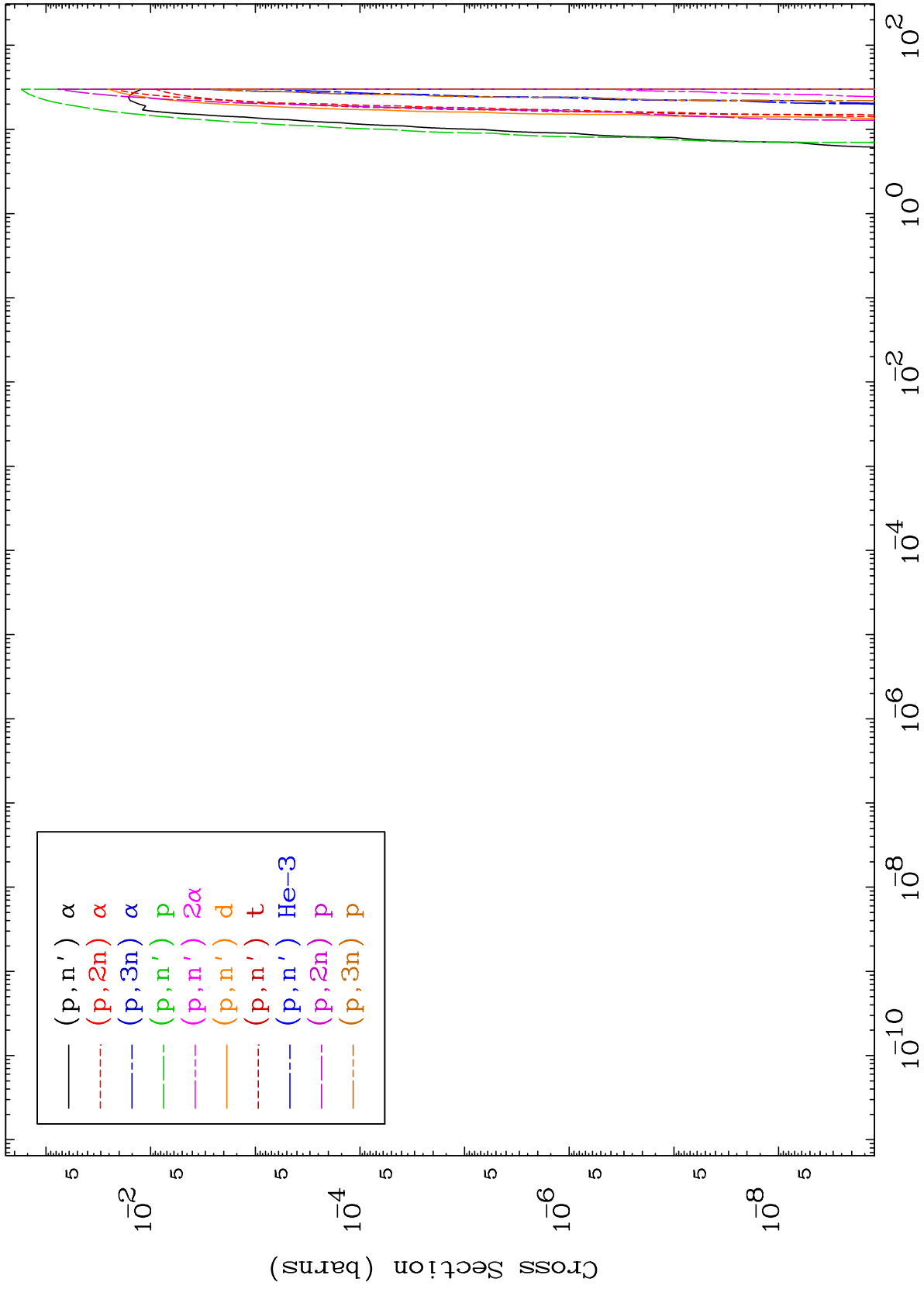
55-Cs-138



MAT 5540

Proton Charged Particle  
0 Kelvin Cross Sections

55-Cs-138

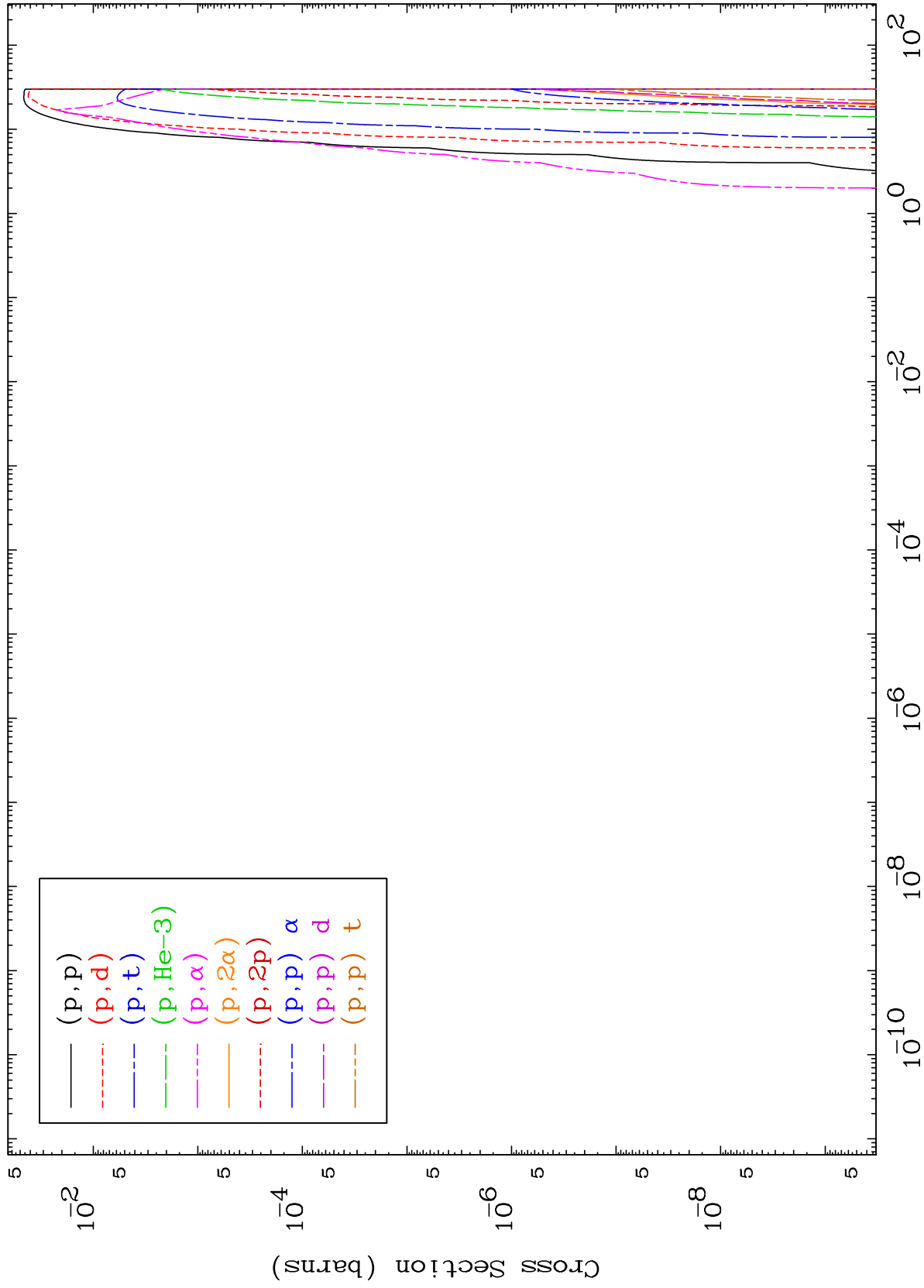


55-Cs-138

MAT 5540

Proton Charged Particle  
0 Kelvin Cross Sections

55-Cs-138



5

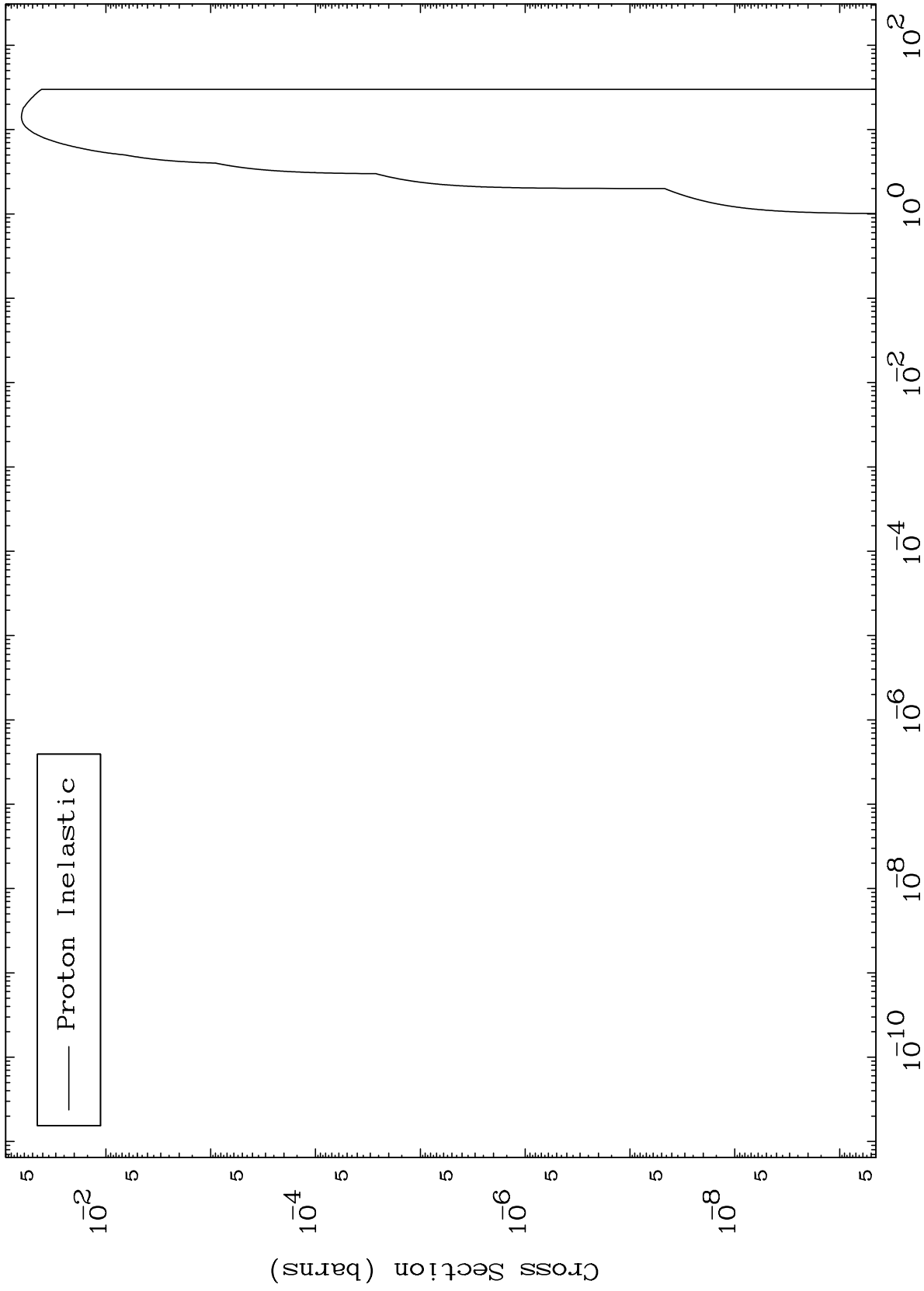
Incident Energy (MeV)

55-Cs-138

MAT 5540

(p,n') Level  
0 Kelvin Cross Sections

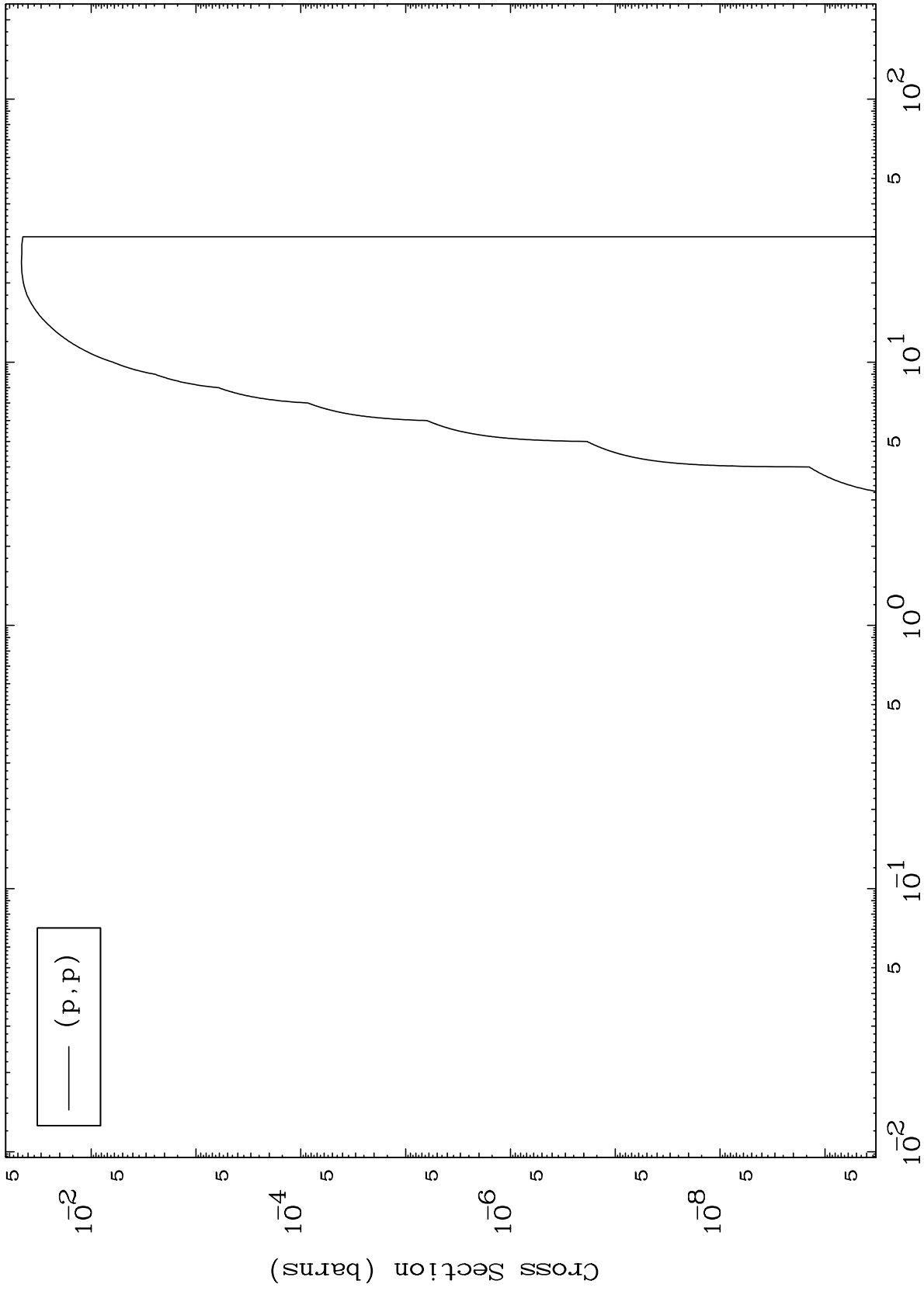
55-Cs-138



MAT 5540

(p,p) Levels  
0 Kelvin Cross Sections

55-Cs-138



7

Incident Energy (MeV)

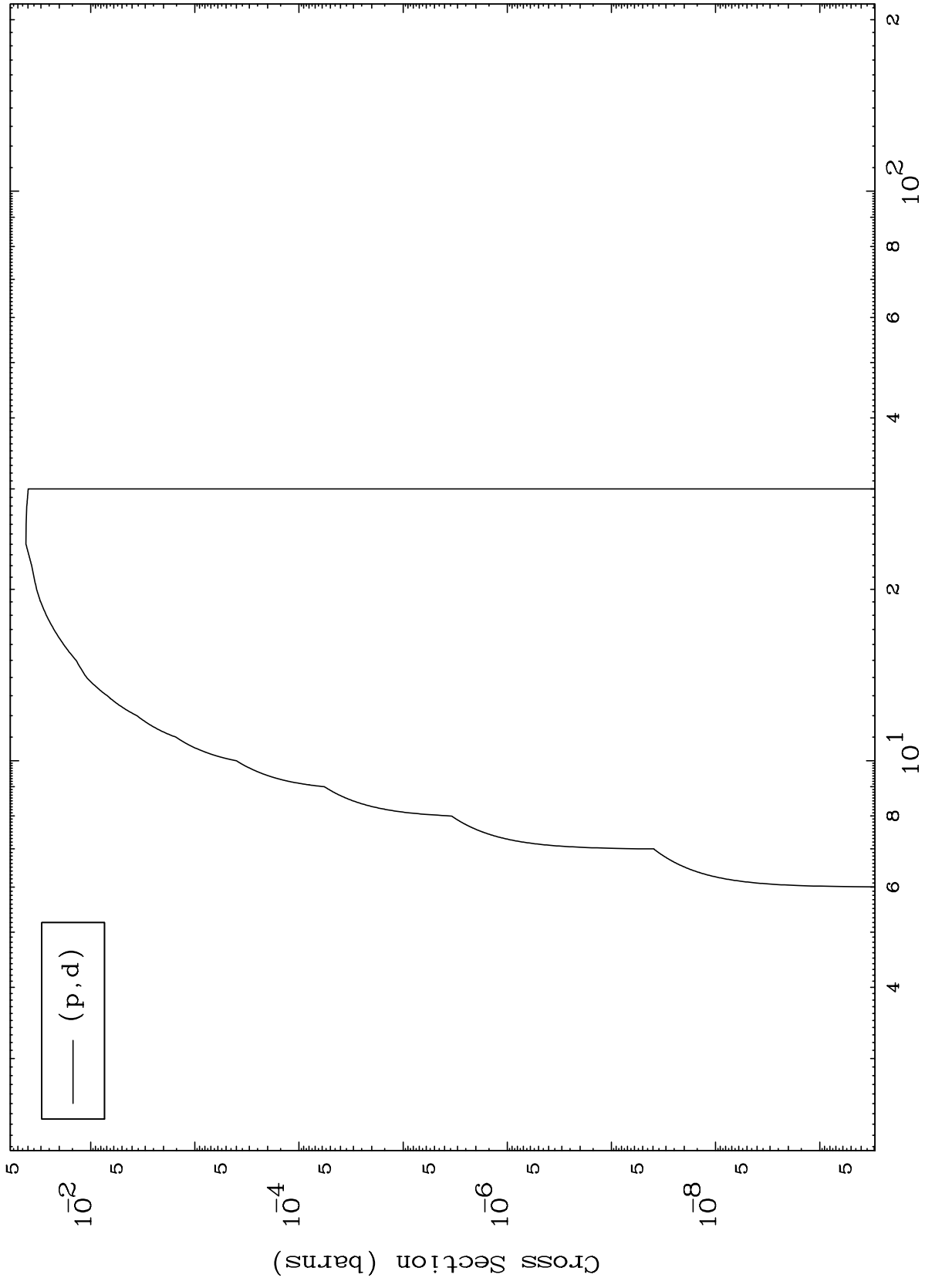
55-Cs-138



MAT 5540

(p,d) Levels  
0 Kelvin Cross Sections

55-Cs-138



(p,d)

8

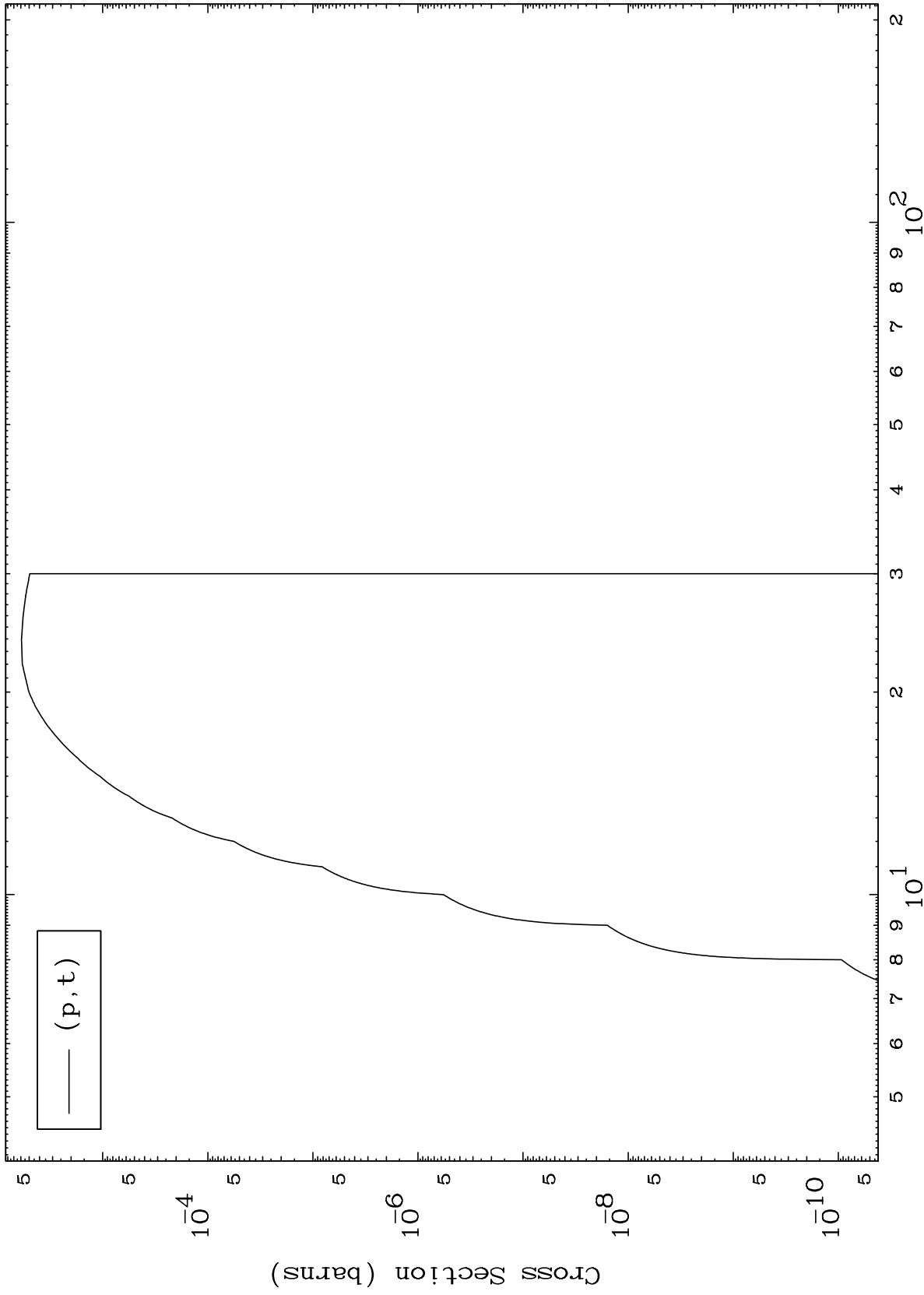
Incident Energy (MeV)

55-Cs-138

MAT 5540

(p,t) Levels  
0 Kelvin Cross Sections

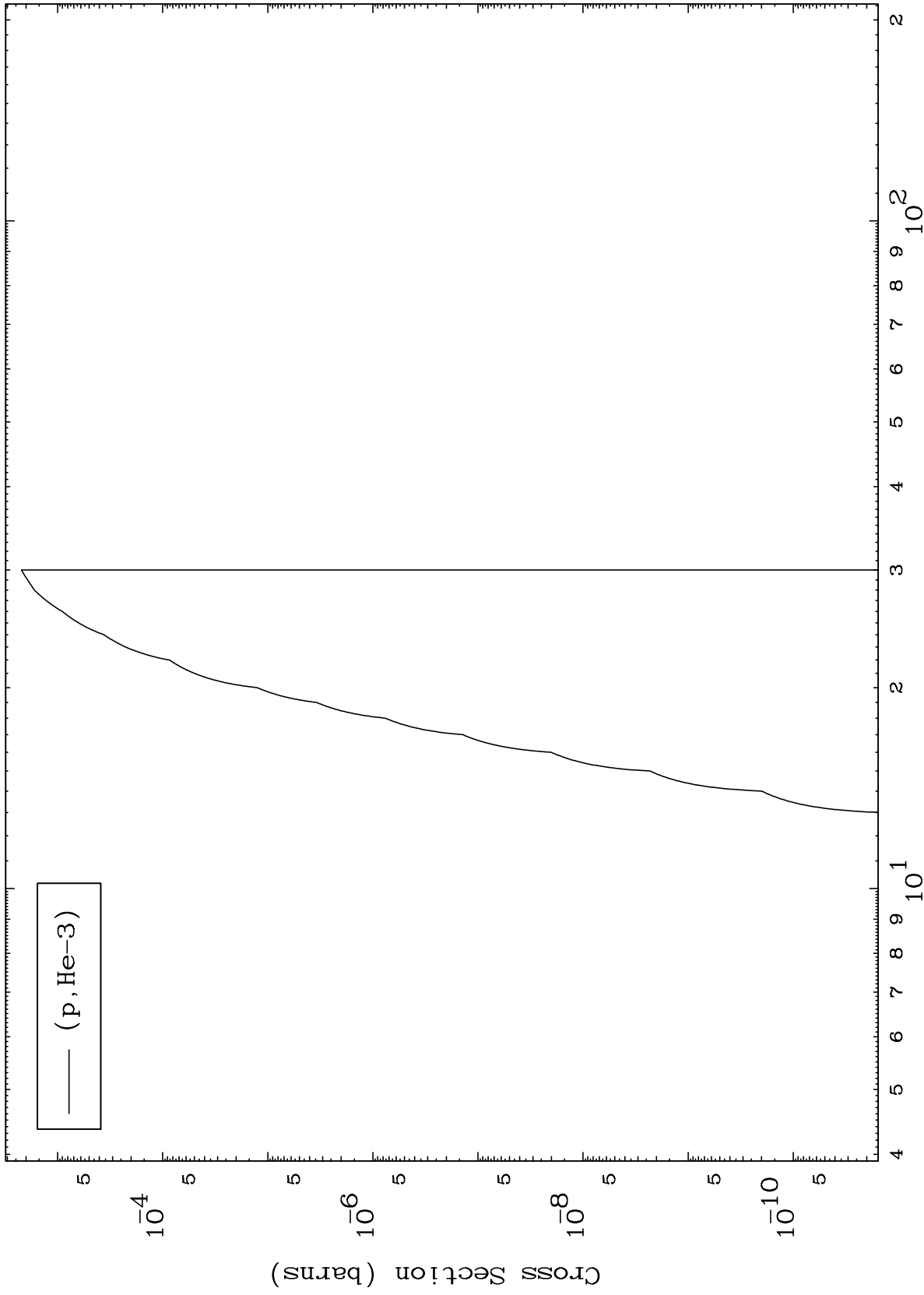
55-Cs-138



MAT 5540

(p,He3) Levels  
0 Kelvin Cross Sections

55-Cs-138



(p, He-3)

10

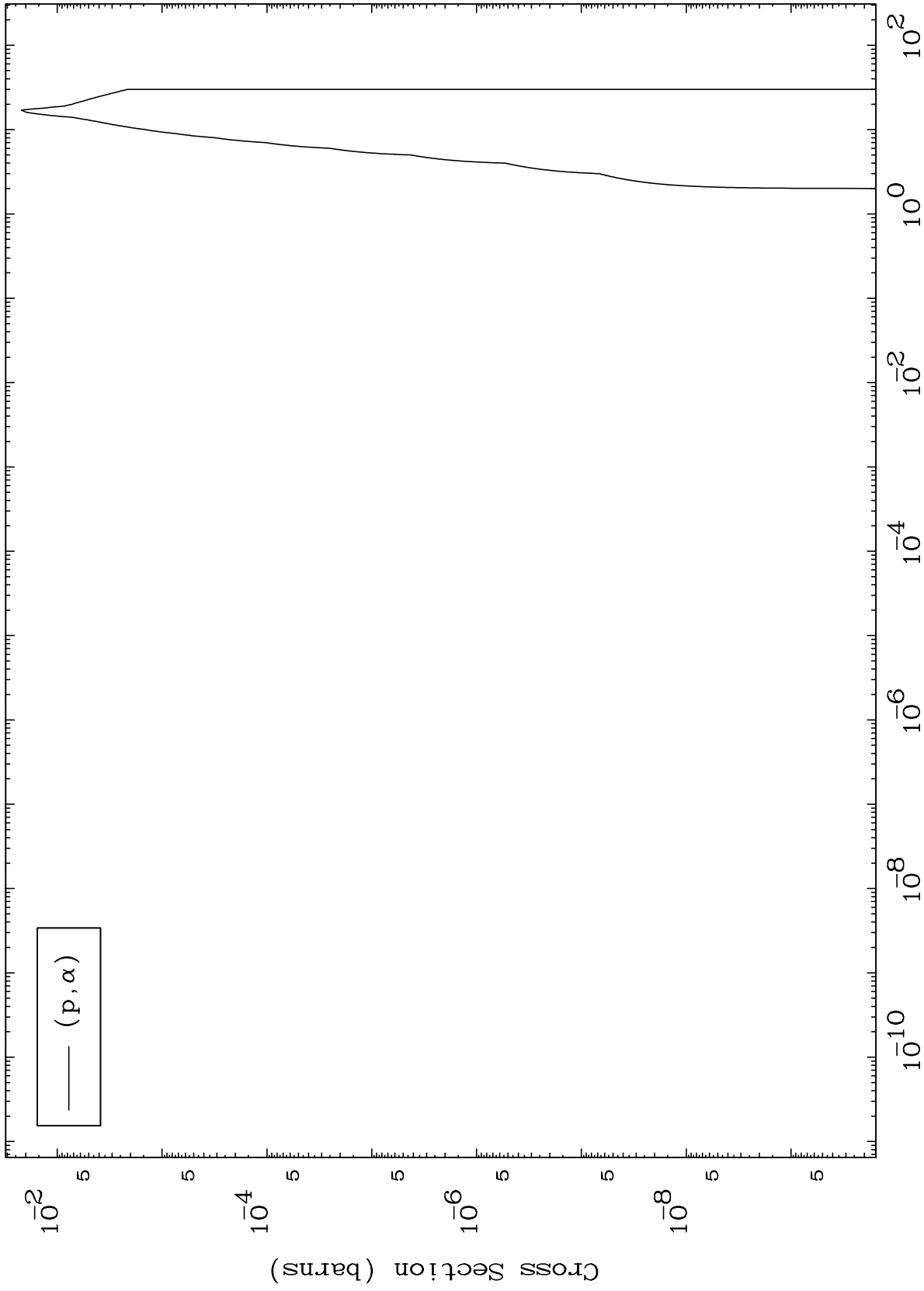
Incident Energy (MeV)

55-Cs-138

MAT 5540

(p,α) Levels  
0 Kelvin Cross Sections

55-Cs-138

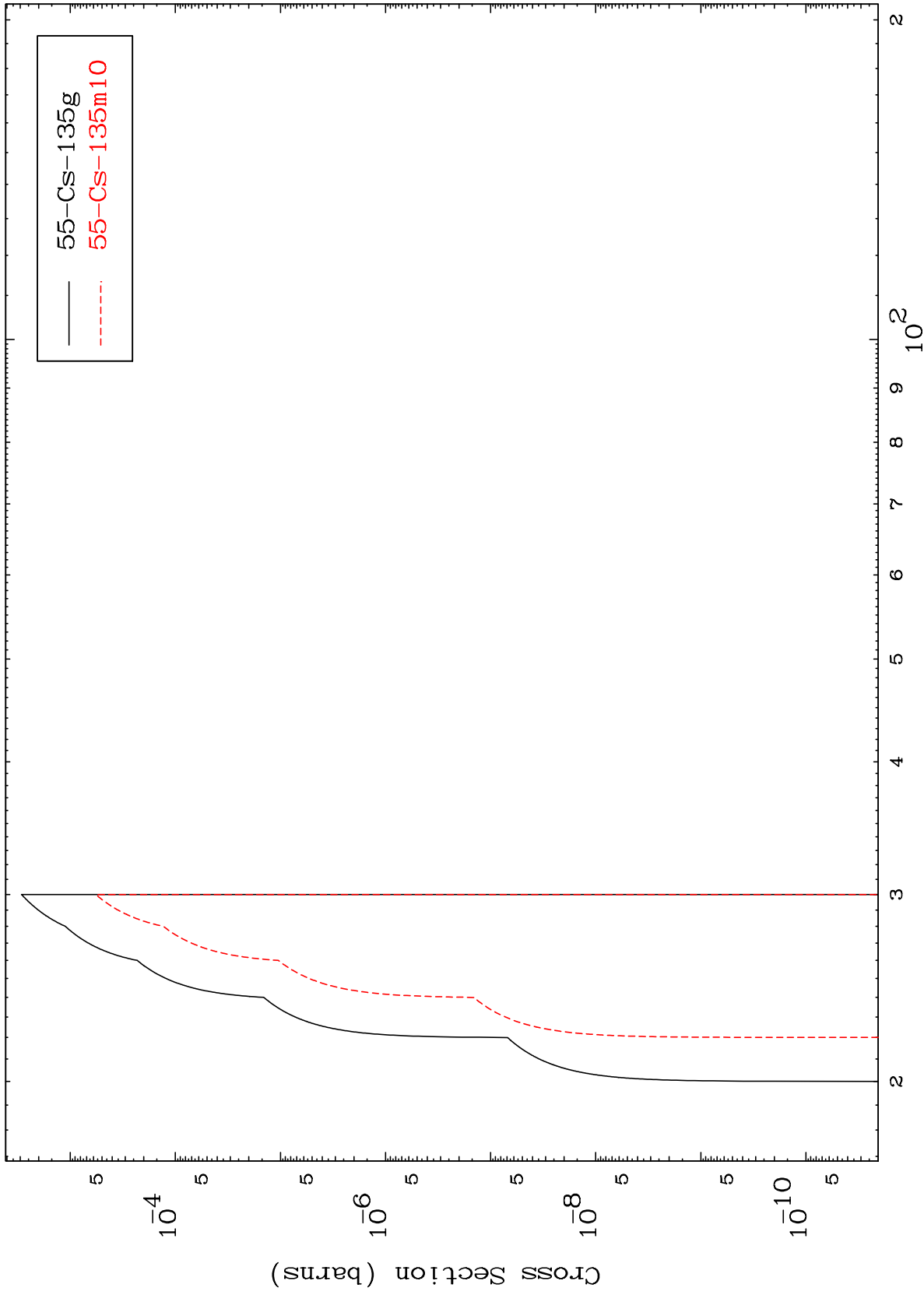


MAT 5540

(p,2n) d

55-Cs-138

Radionuclide Production Cross Section



12

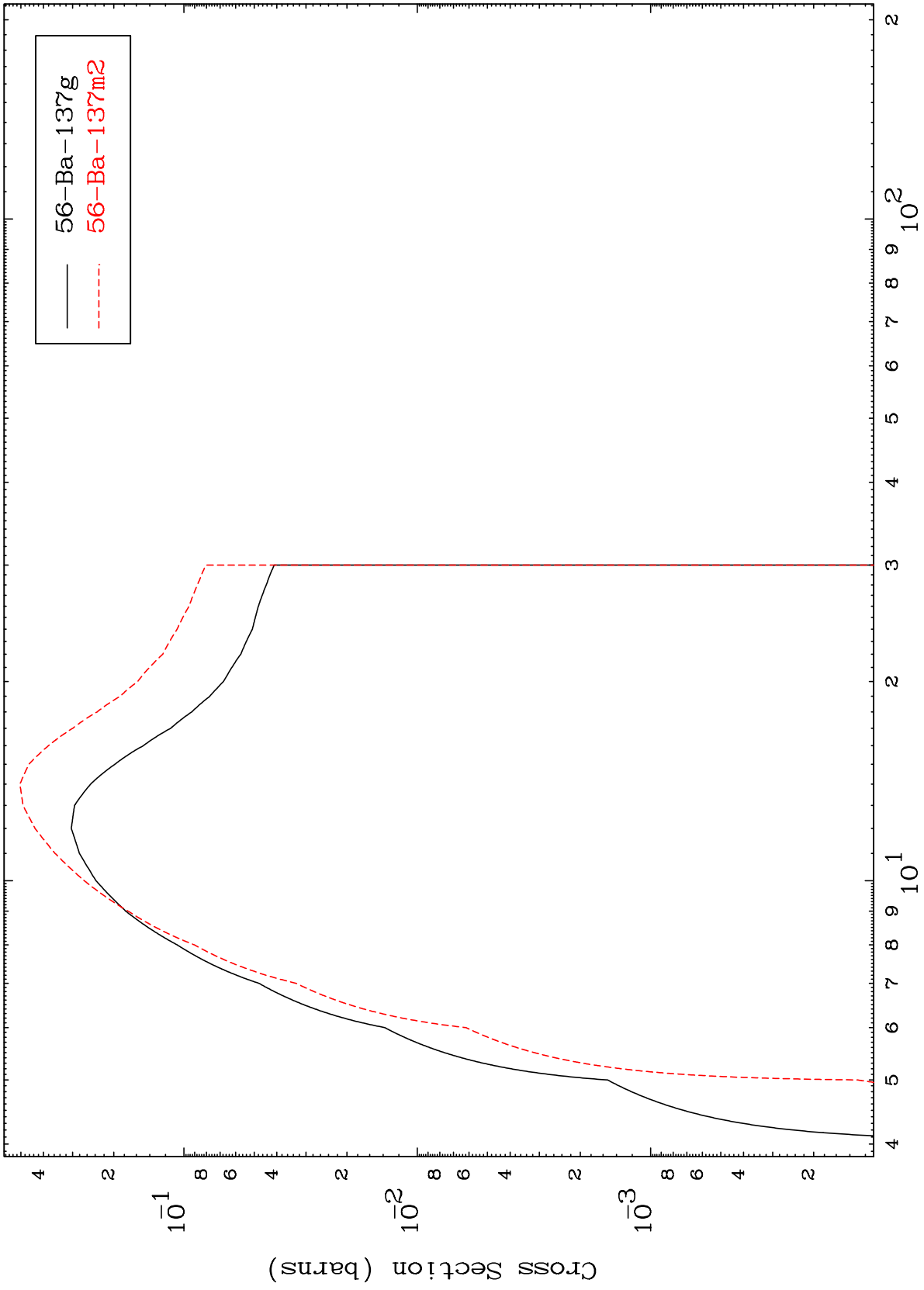
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

(p,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

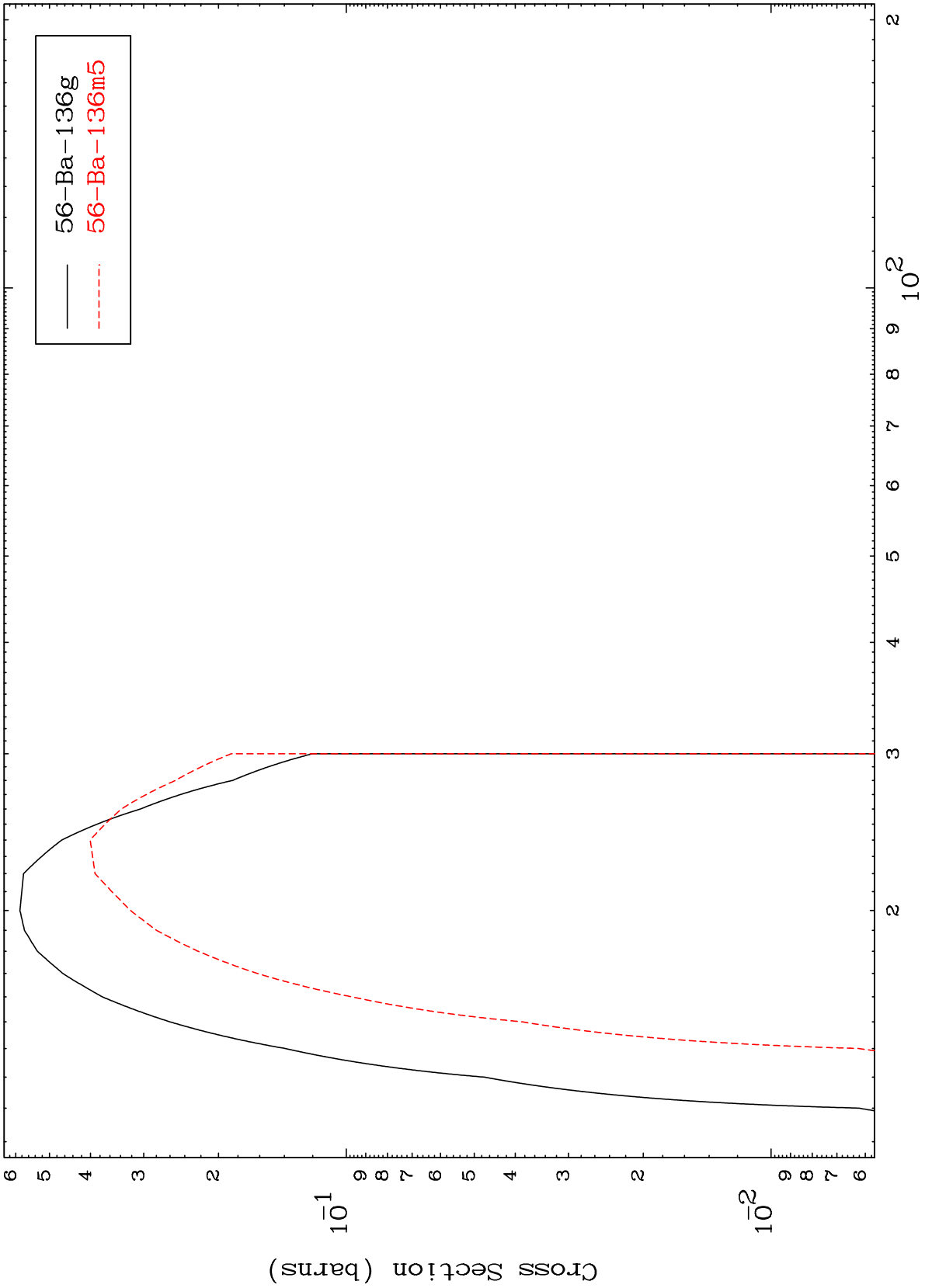
55-Cs-138

MAT 5540

(p,3n)

55-Cs-138

Radionuclide Production Cross Section



56-Ba-136g  
56-Ba-136m5

14

Incident Energy (MeV)

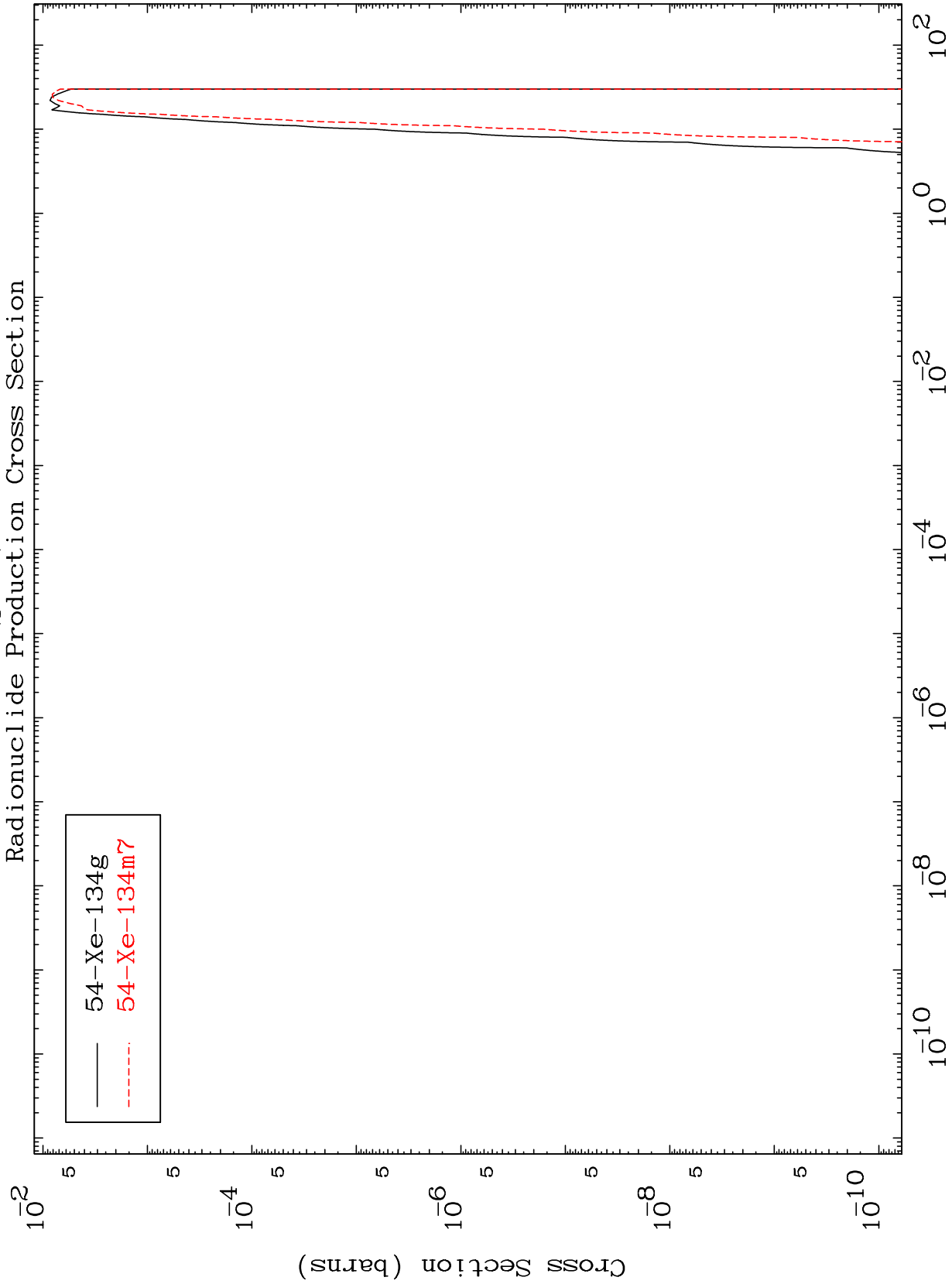
55-Cs-138

MAT 5540

(p,n')  $\alpha$

55-Cs-138

Radionuclide Production Cross Section



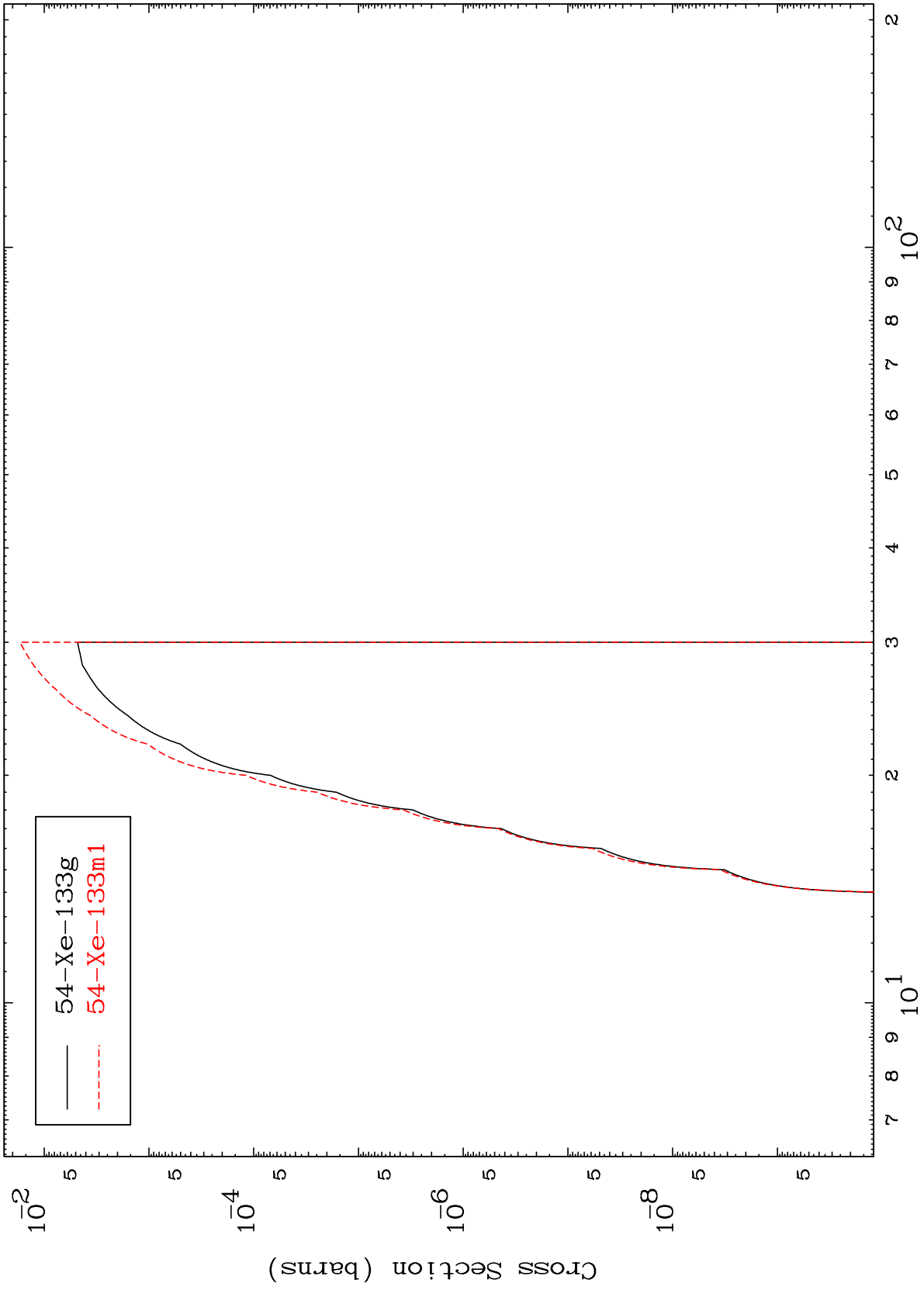
54-Xe-134g  
54-Xe-134m7



MAT 5540

55-Cs-138

(p,2n)  $\alpha$   
Radionuclide Production Cross Section



16

Incident Energy (MeV)

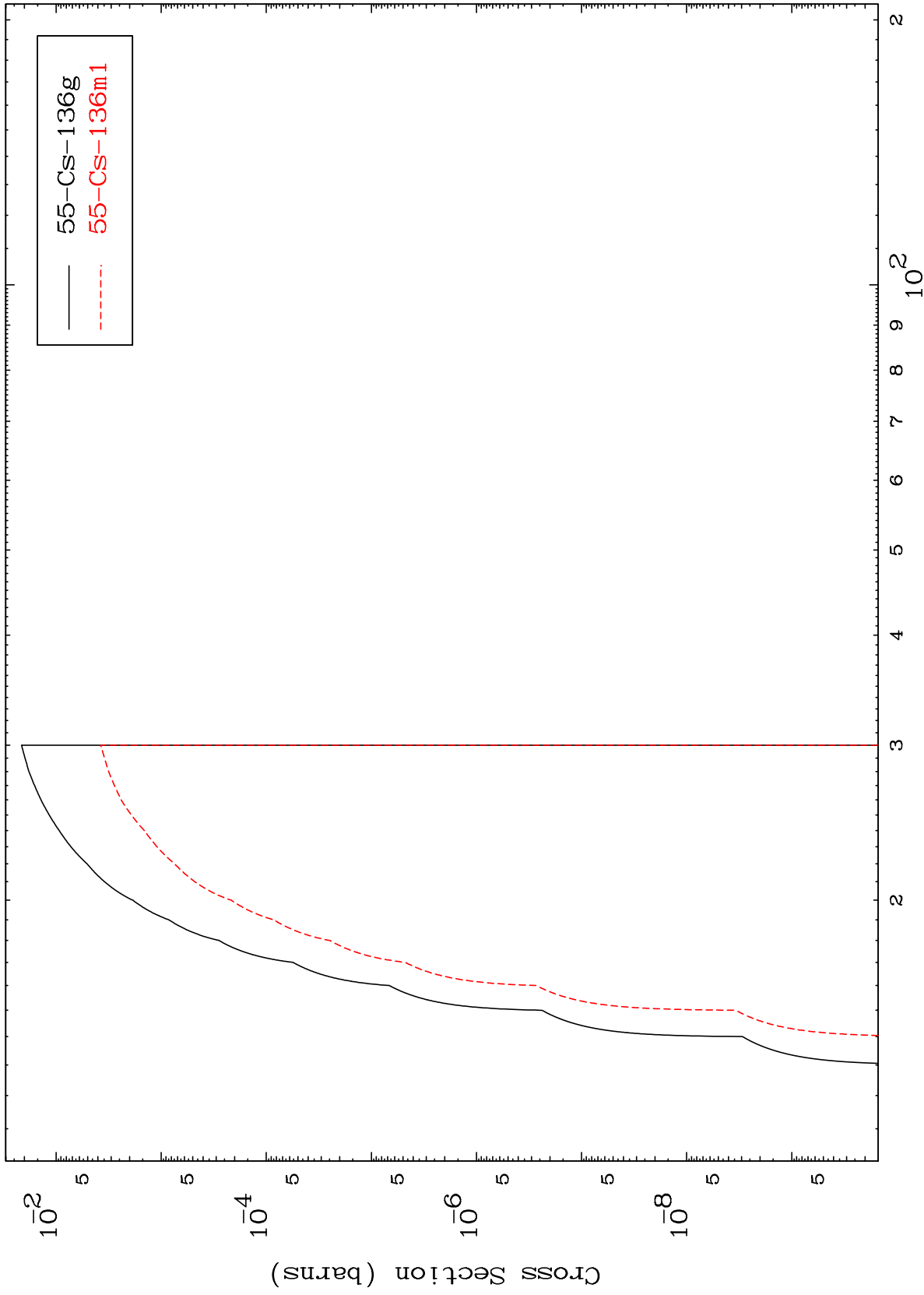
55-Cs-138

MAT 5540

(p,n') d

55-Cs-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

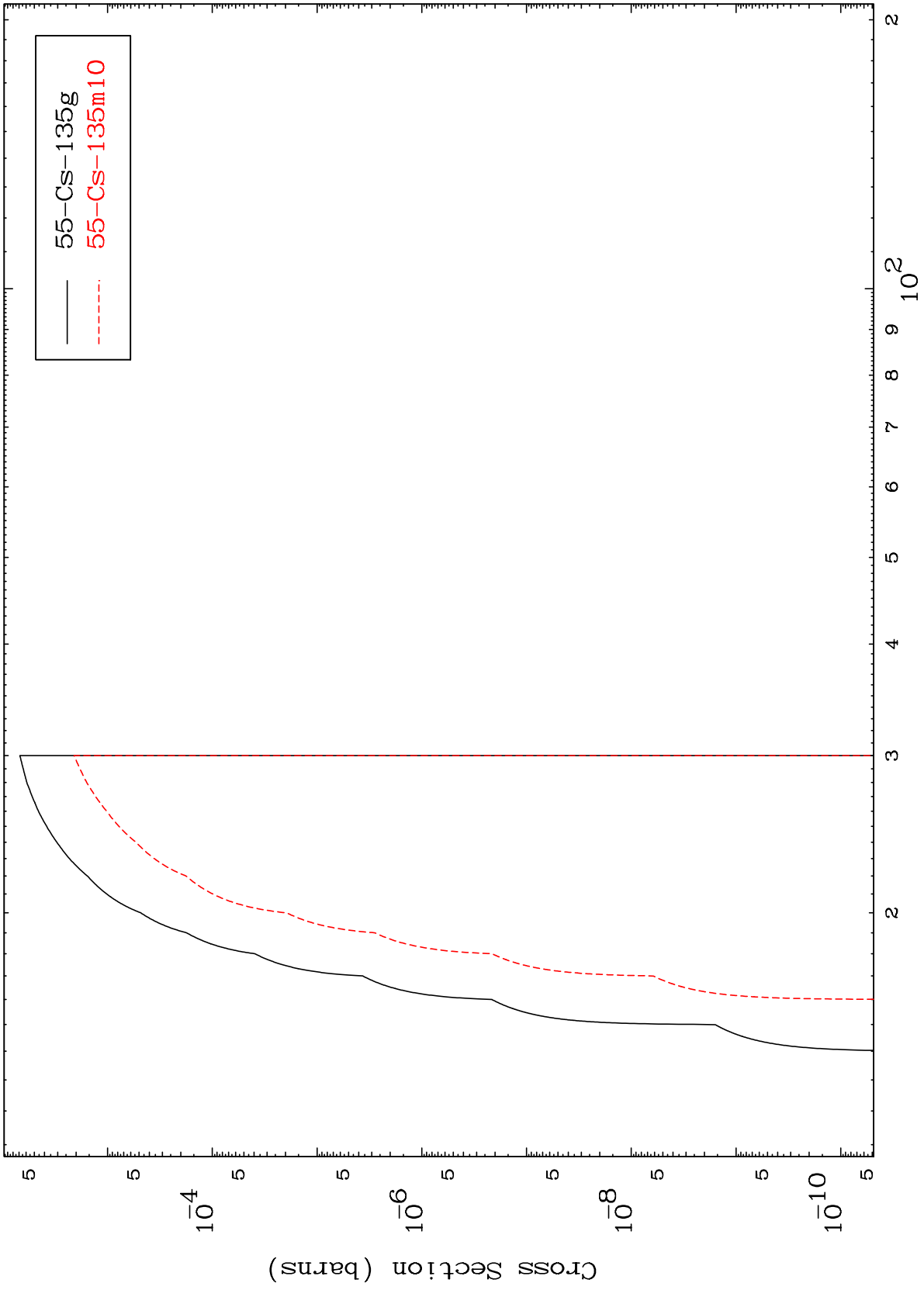
55-Cs-138

MAT 5540

(p,n') t

55-Cs-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

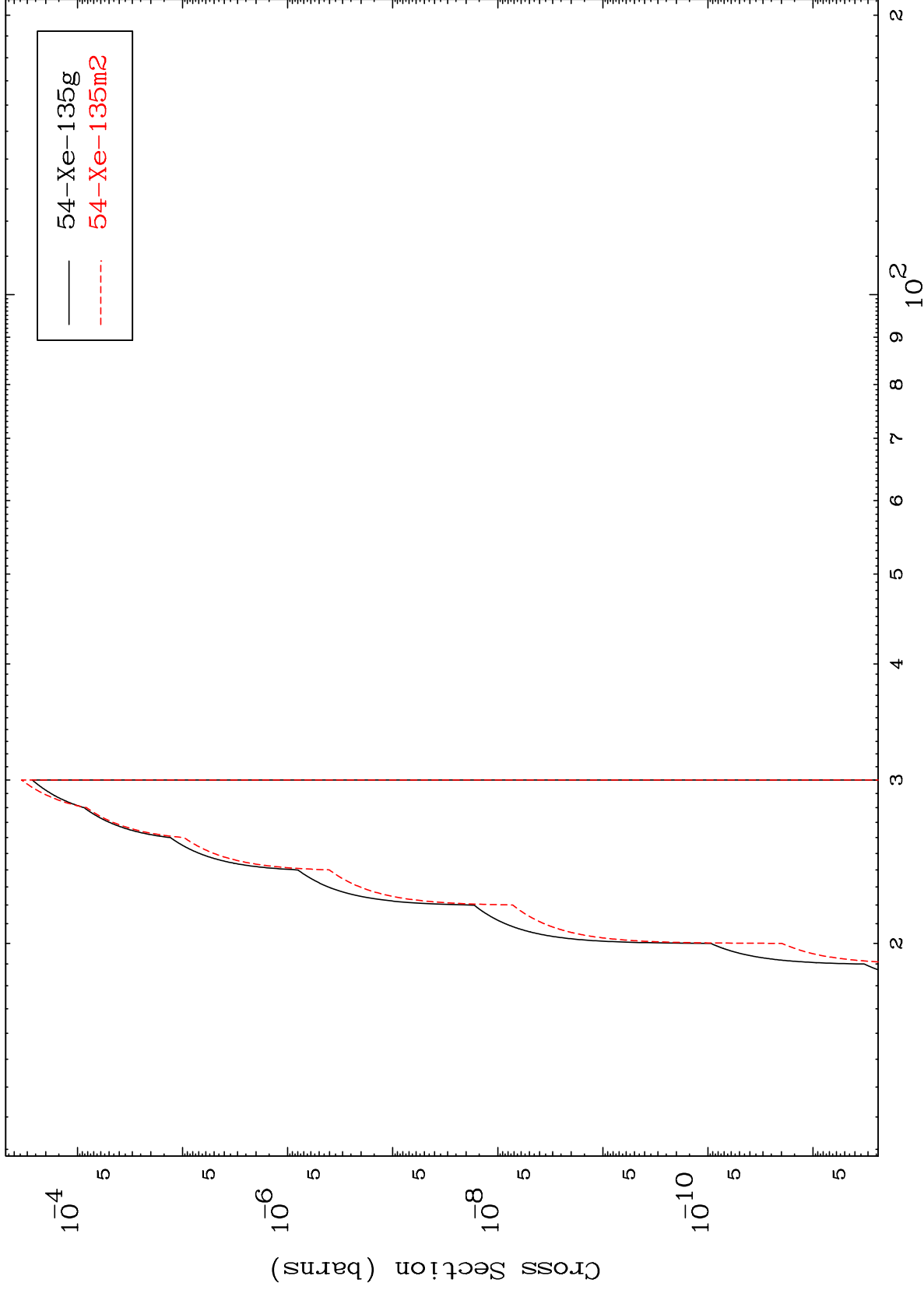
55-Cs-138

MAT 5540

(p,n') He-3

55-Cs-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

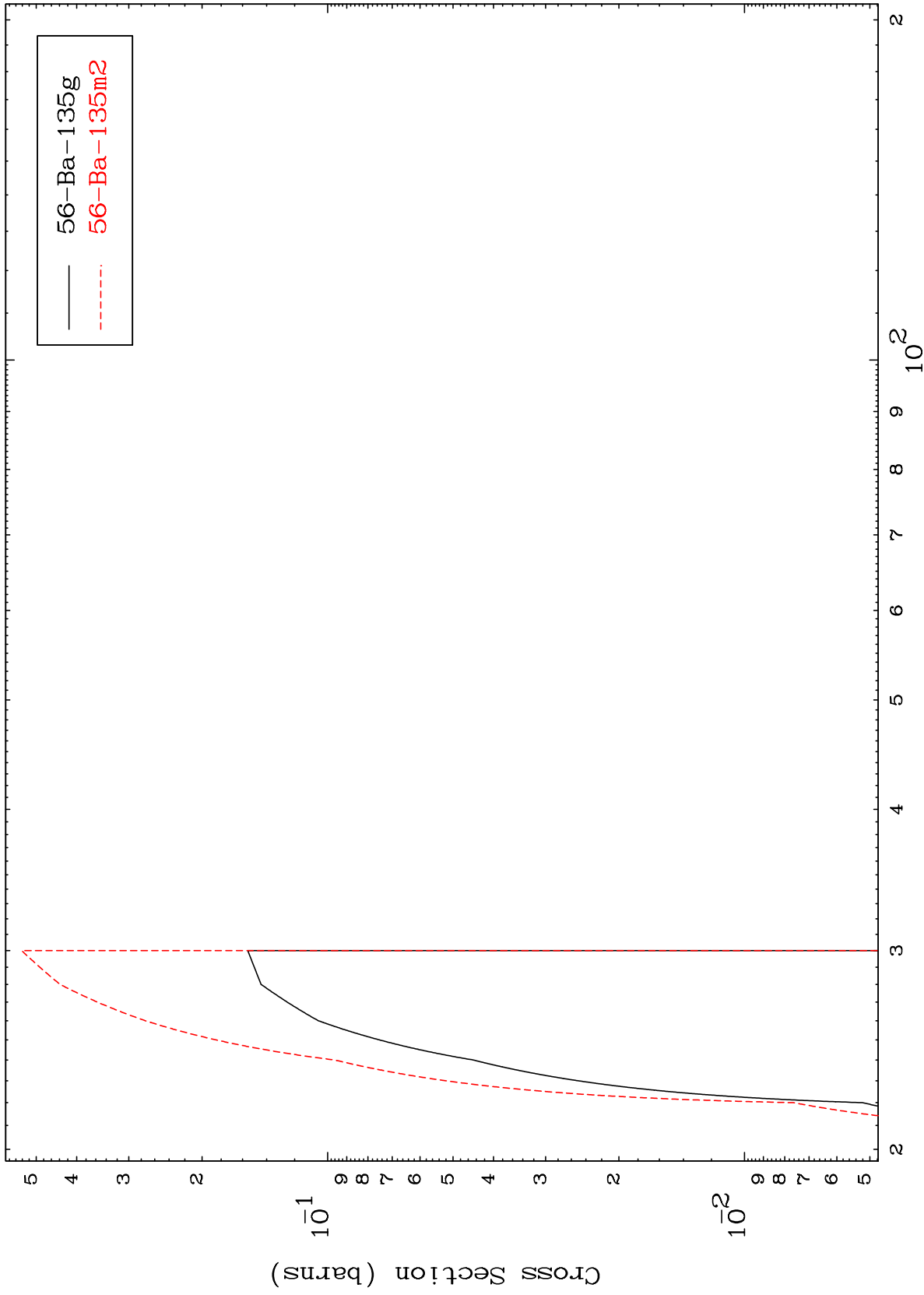
55-Cs-138

MAT 5540

(p,4n)

55-Cs-138

Radionuclide Production Cross Section

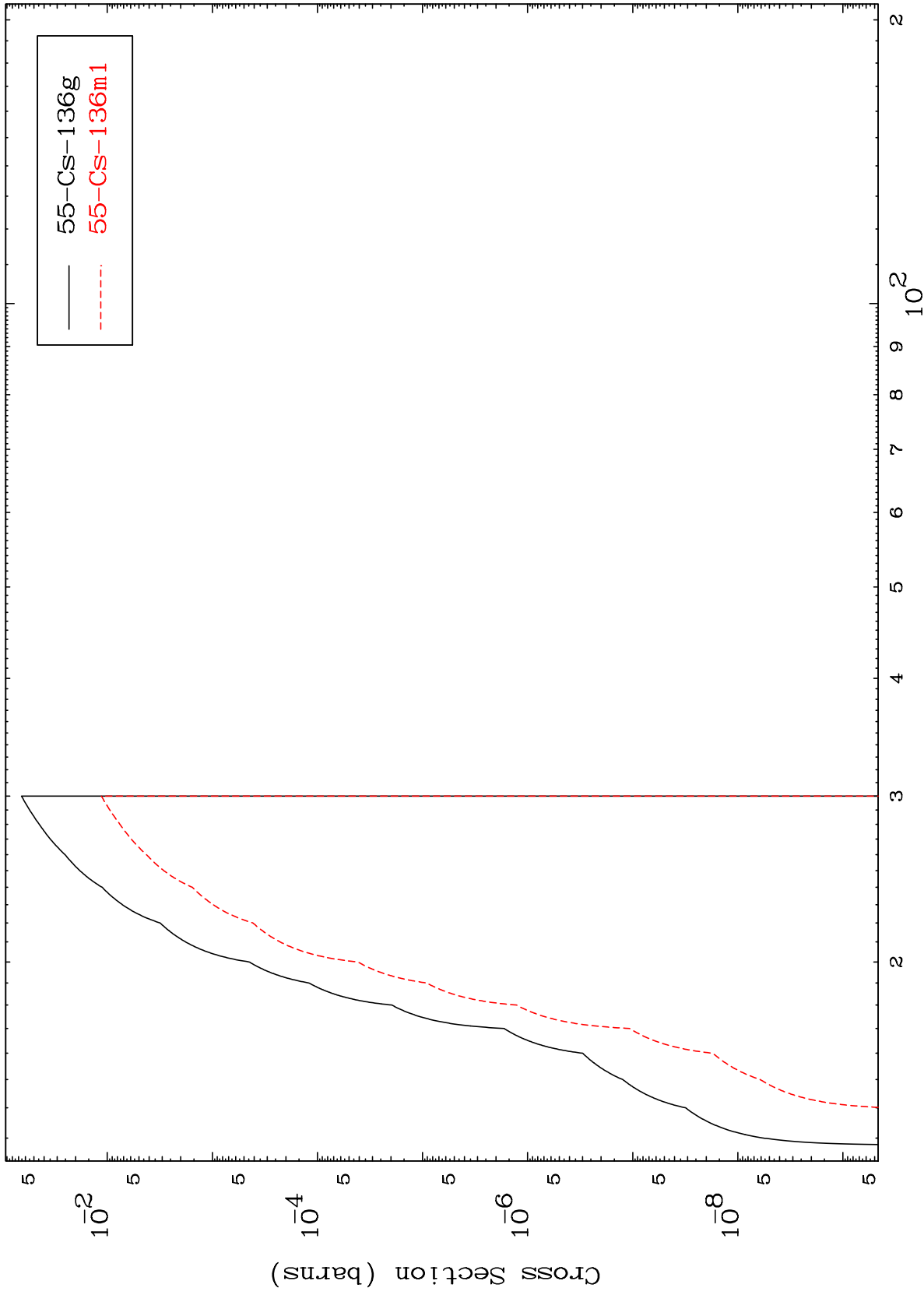


20

Incident Energy (MeV)

55-Cs-138

Radionuclide Production Cross Section

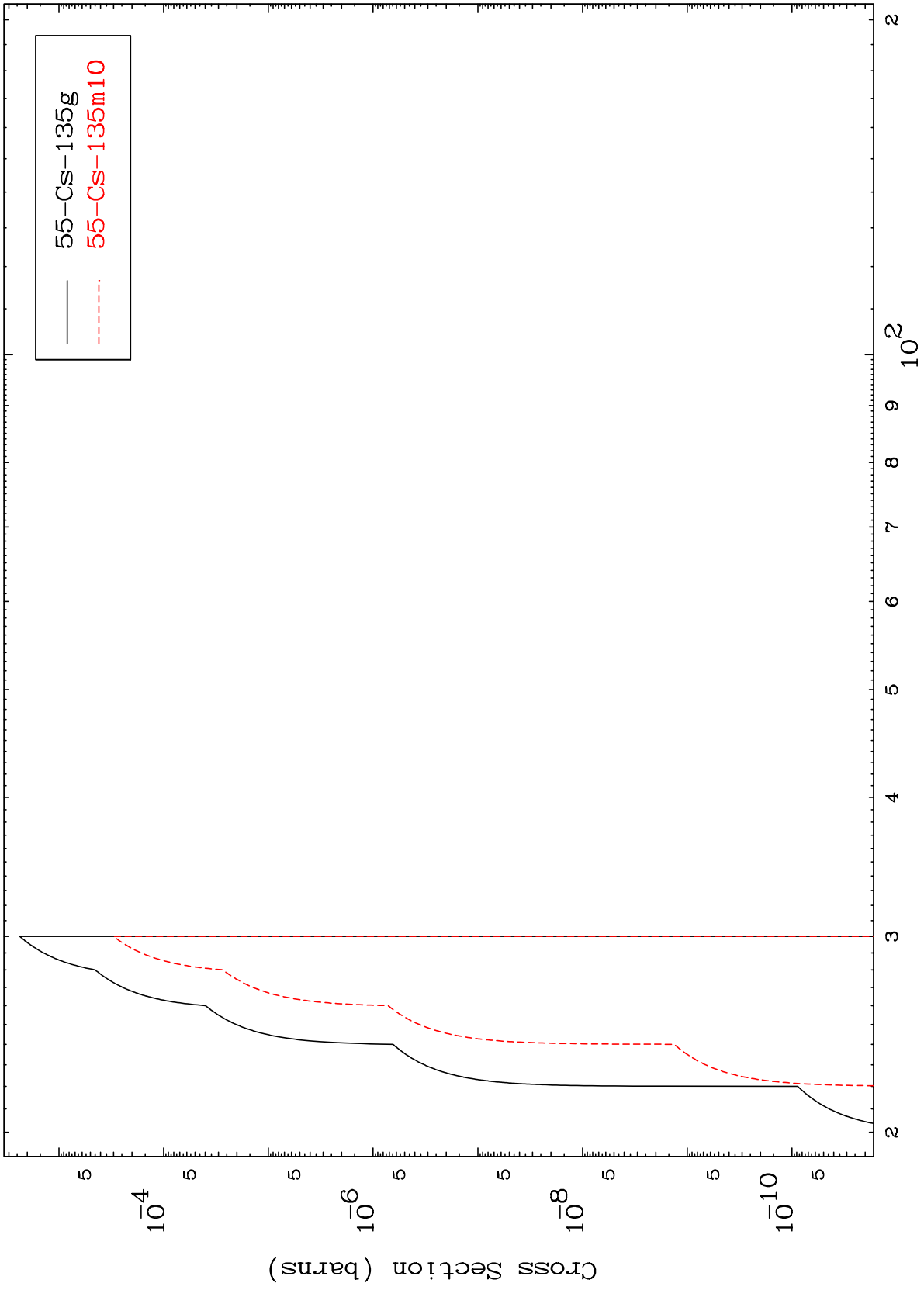


MAT 5540

(p,3n) p

55-Cs-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

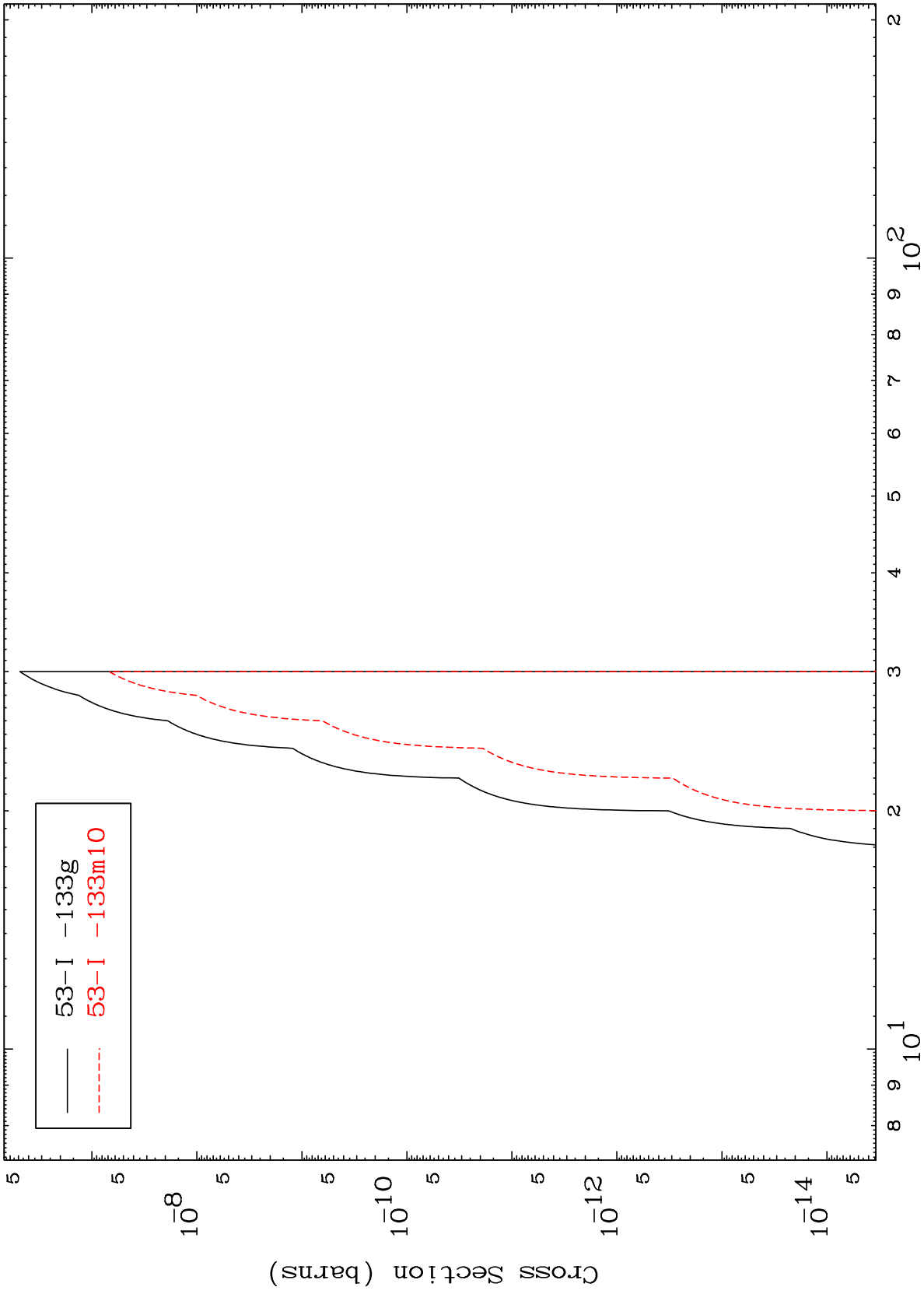
55-Cs-138

MAT 5540

(p,n') p  $\alpha$

55-Cs-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

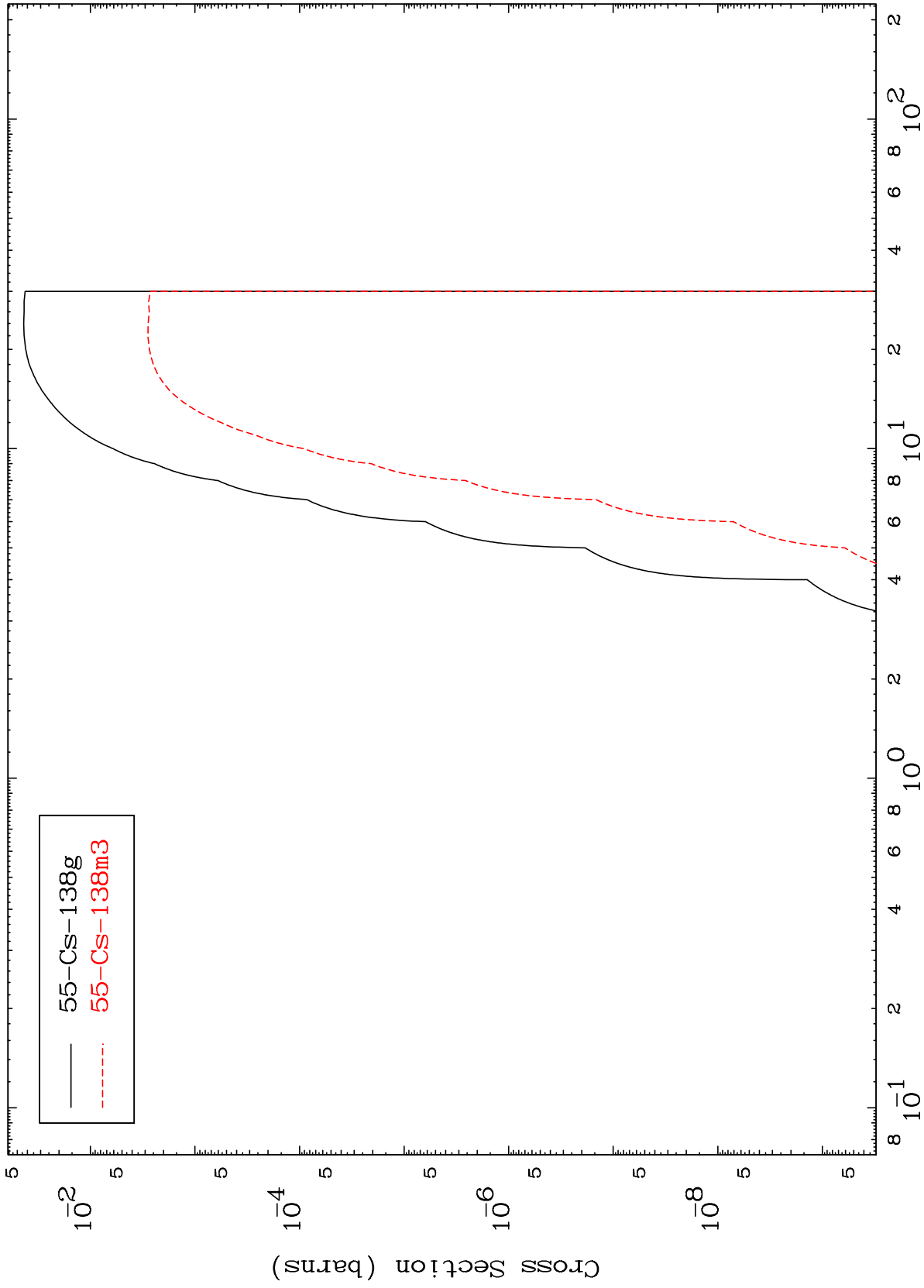
55-Cs-138



MAT 5540

55-Cs-138

Radionuclide Production Cross Section (p,p)



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

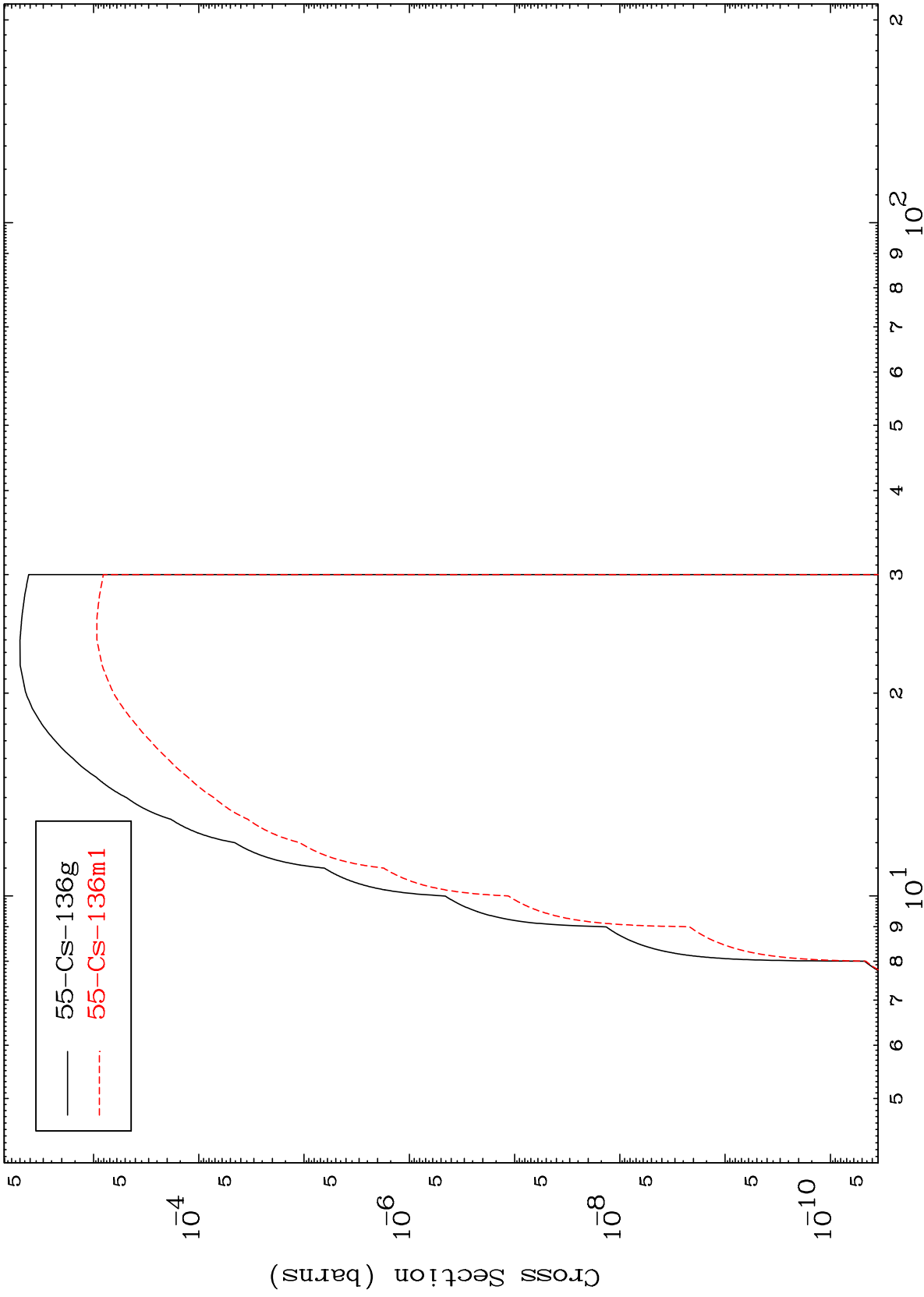
24

55-Cs-138

MAT 5540

55-Cs-138

(p, t)  
Radionuclide Production Cross Section



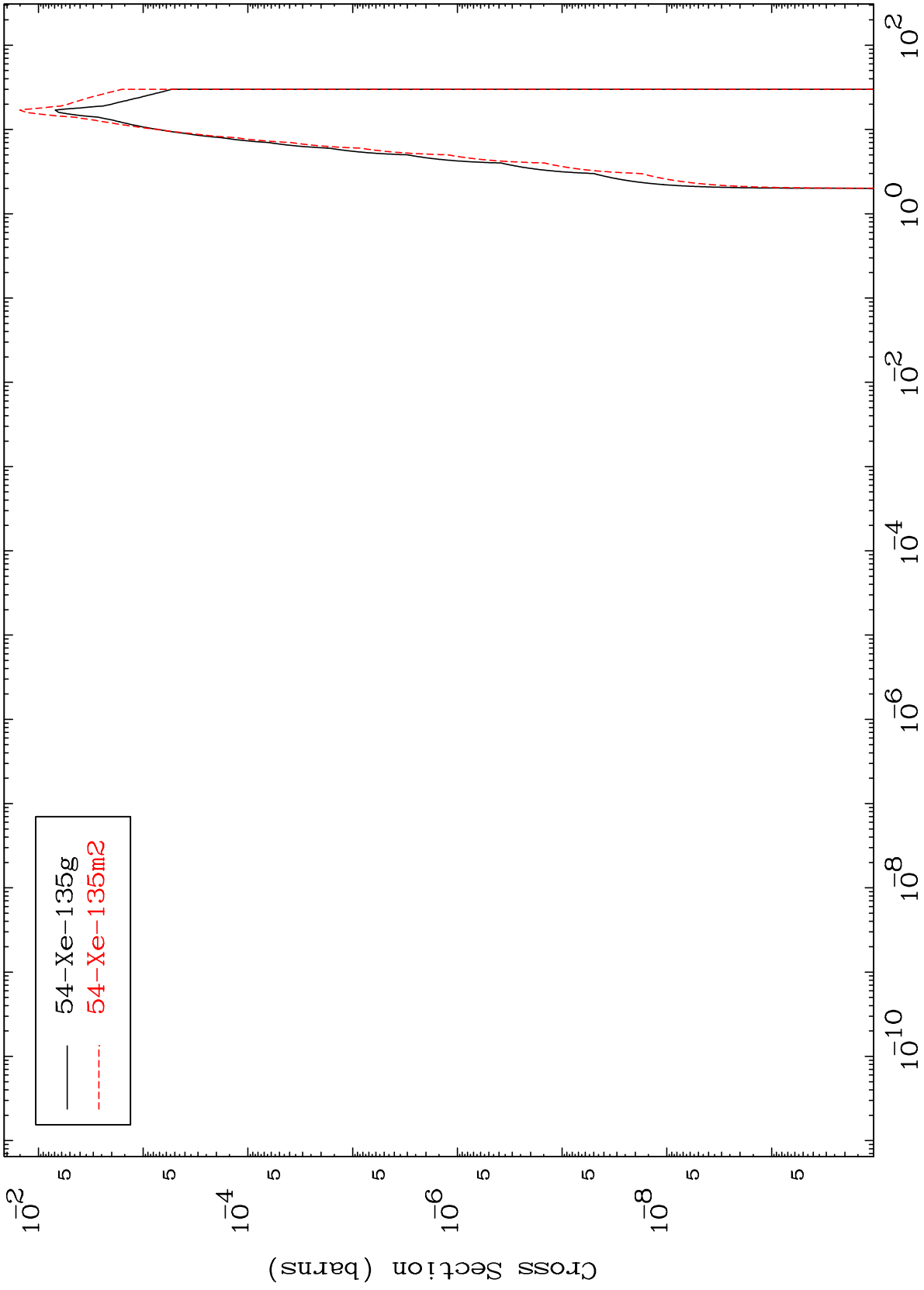
25

55-Cs-138

MAT 5540

Radionuclide Production Cross Section  
(p,  $\alpha$ )

55-Cs-138

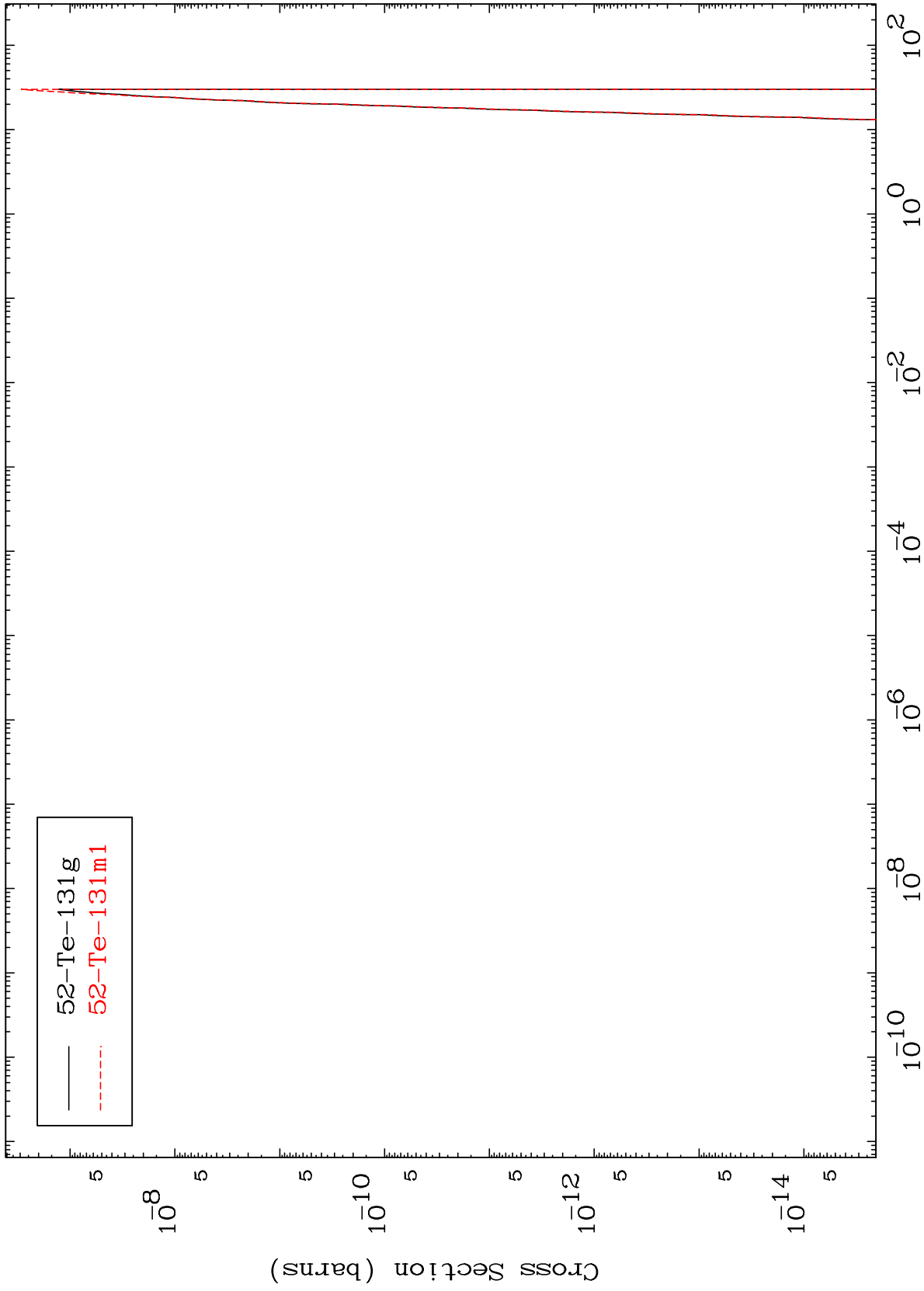


MAT 5540

(p,2α)

55-Cs-138

Radionuclide Production Cross Section



27

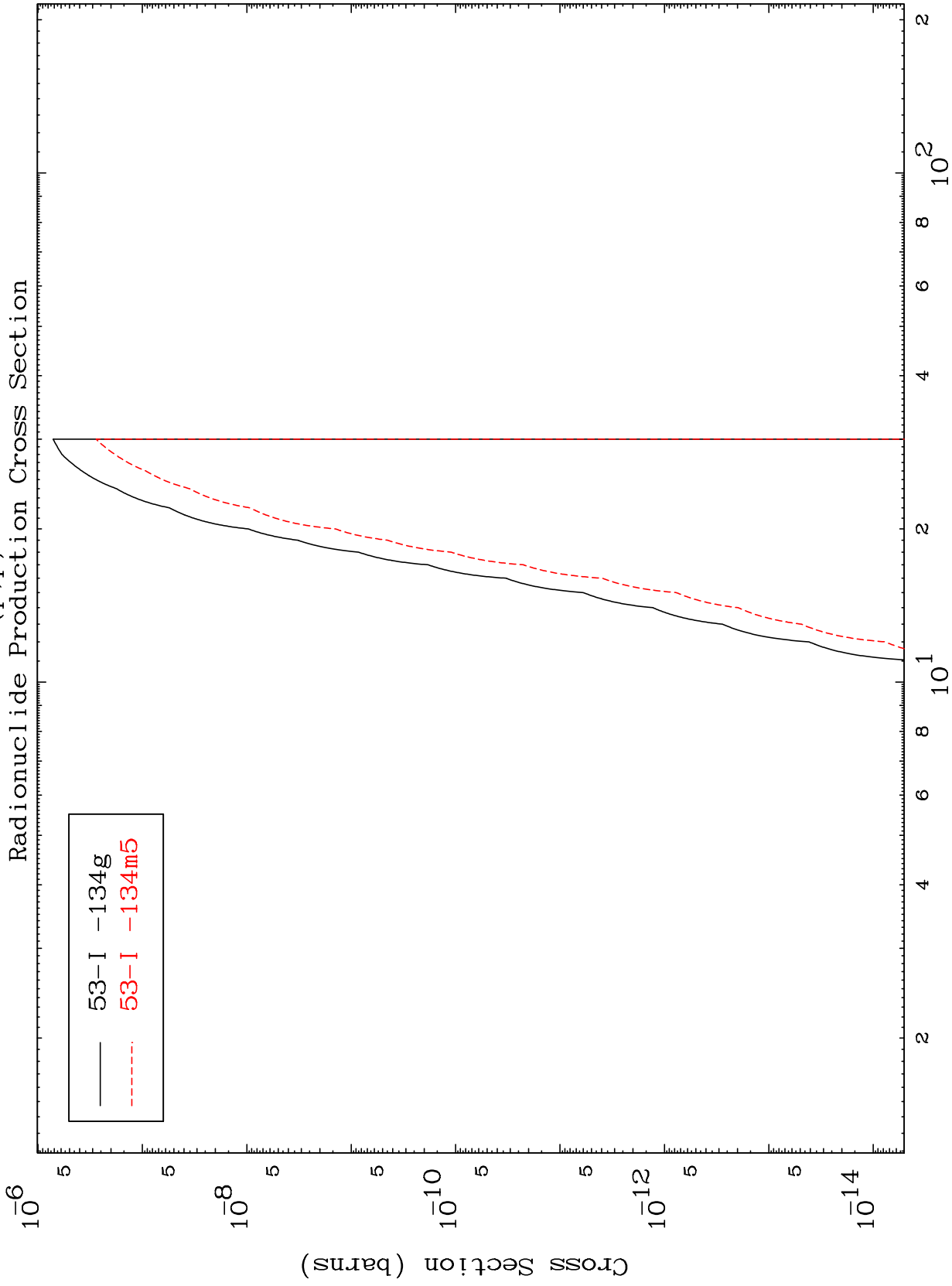
Incident Energy (MeV)

55-Cs-138

MAT 5540

(p,p)  $\alpha$

55-Cs-138

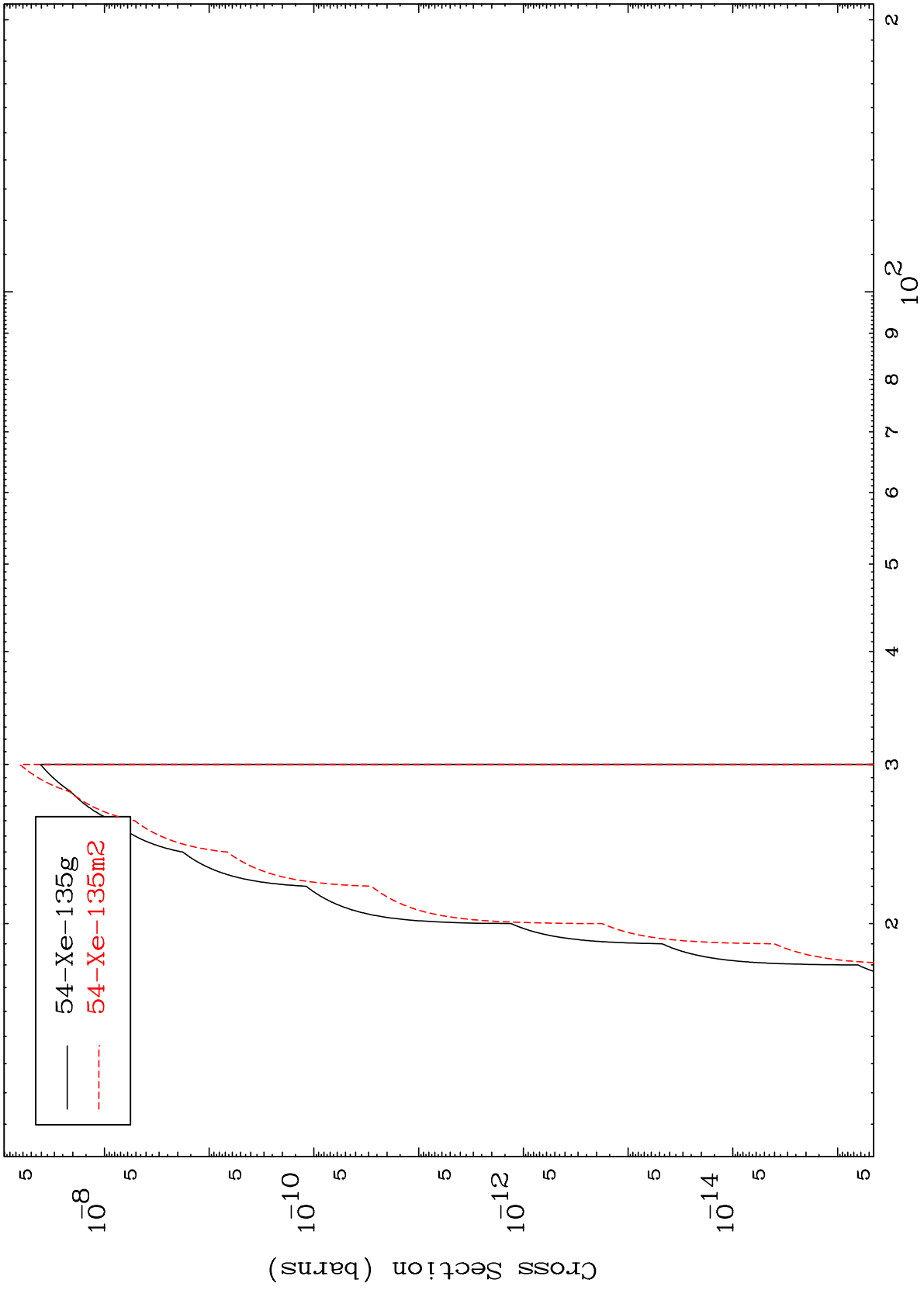


MAT 5540

(p,p) t

55-Cs-138

Radionuclide Production Cross Section



29

Incident Energy (MeV)

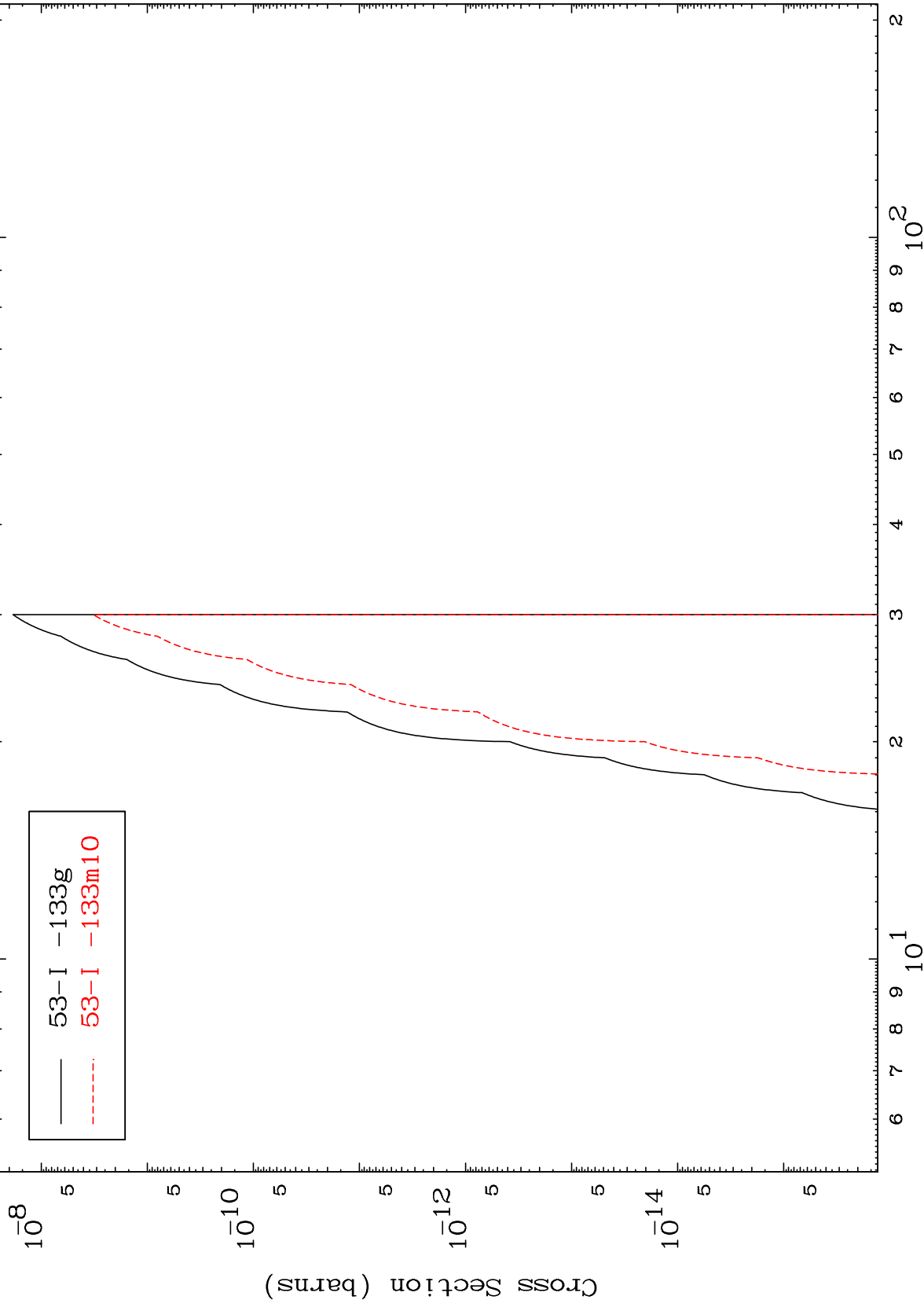
55-Cs-138

MAT 5540

(p,d)  $\alpha$

55-Cs-138

Radionuclide Production Cross Section



30

Incident Energy (MeV)

55-Cs-138