

Program EVALPLOT
(Version 2021-1)

by

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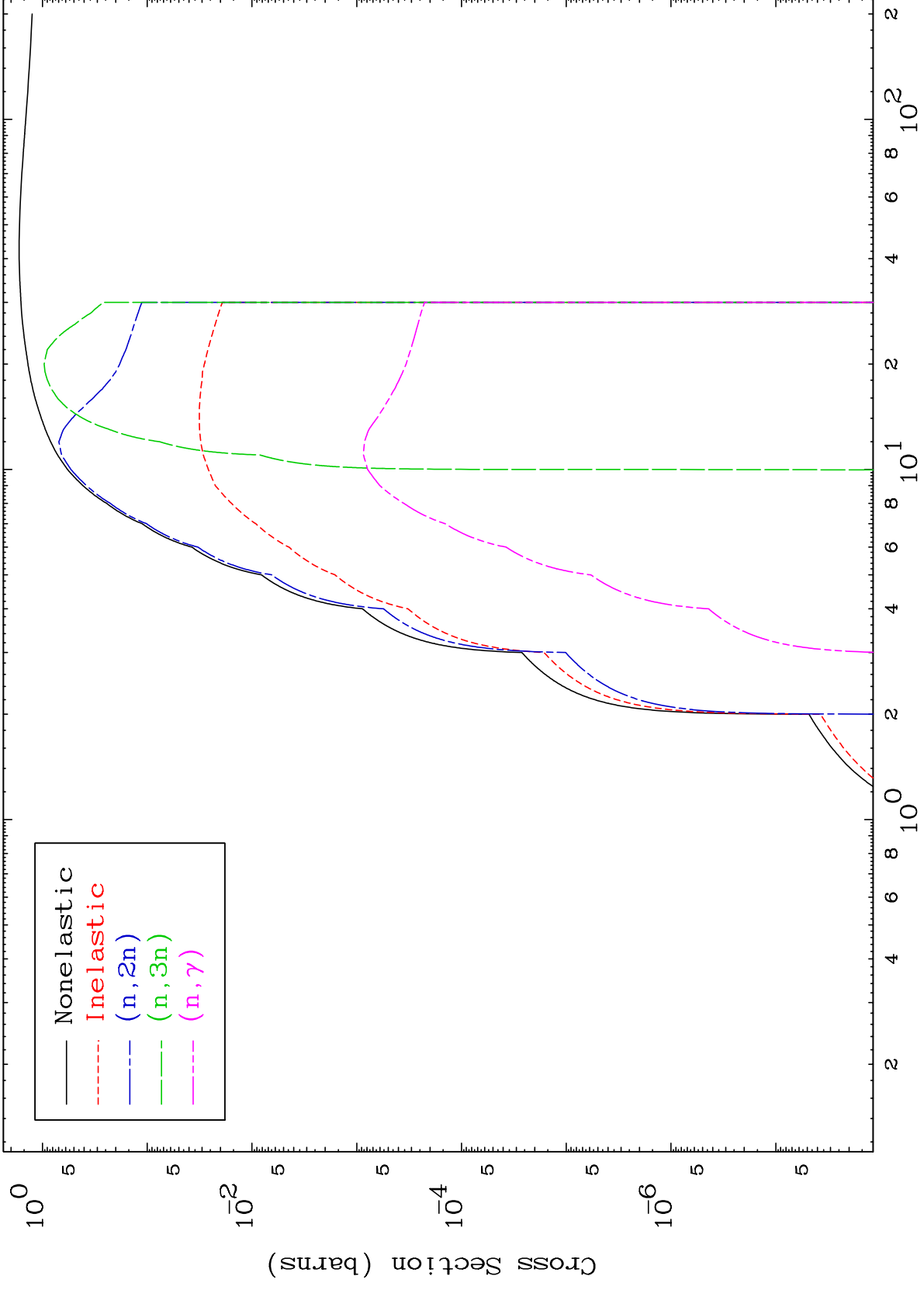
Press Mouse Button to Start

MAT 5543

Proton Major

55-Cs-139

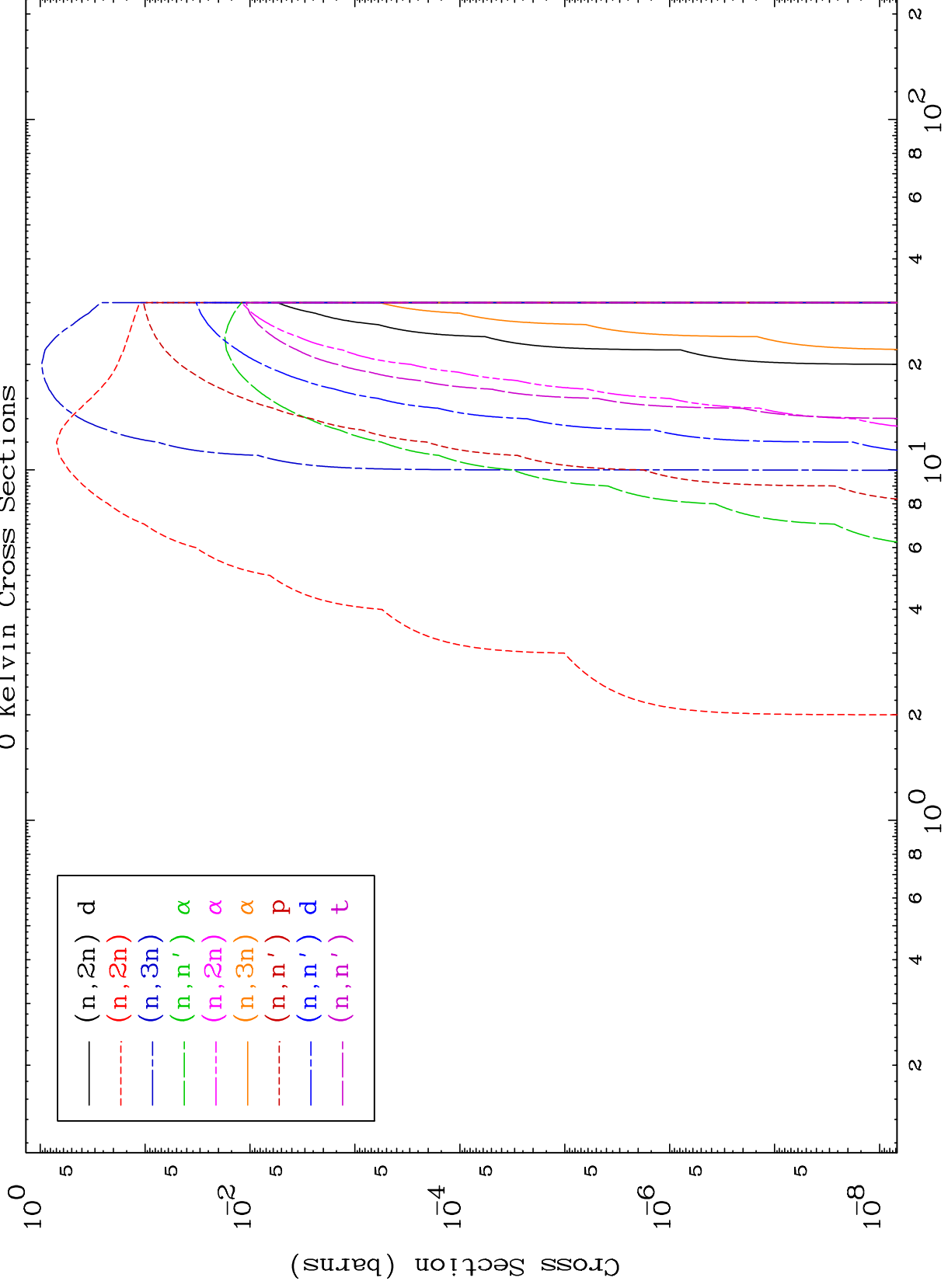
0 Kelvin Cross Sections



MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

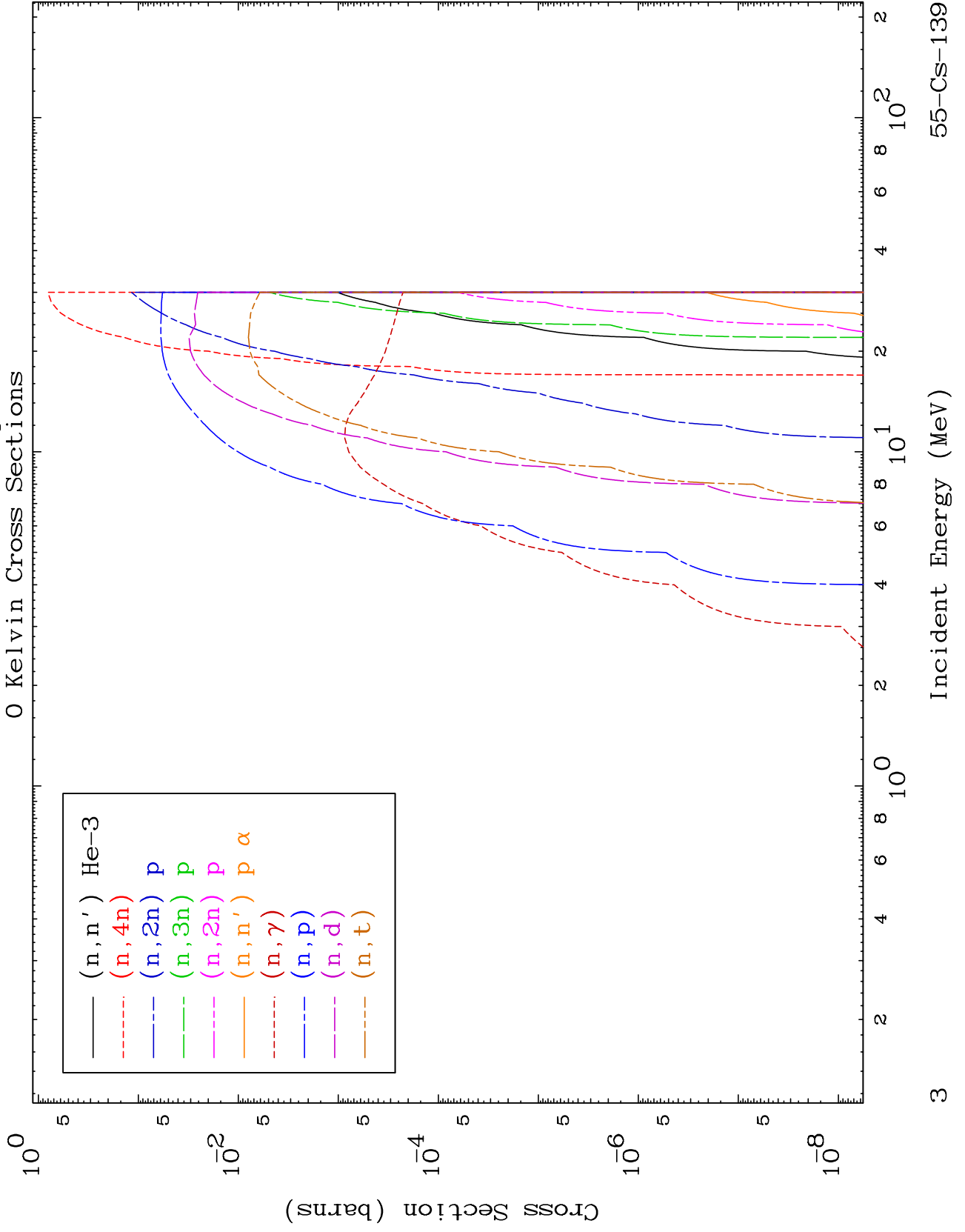
55-Cs-139



MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

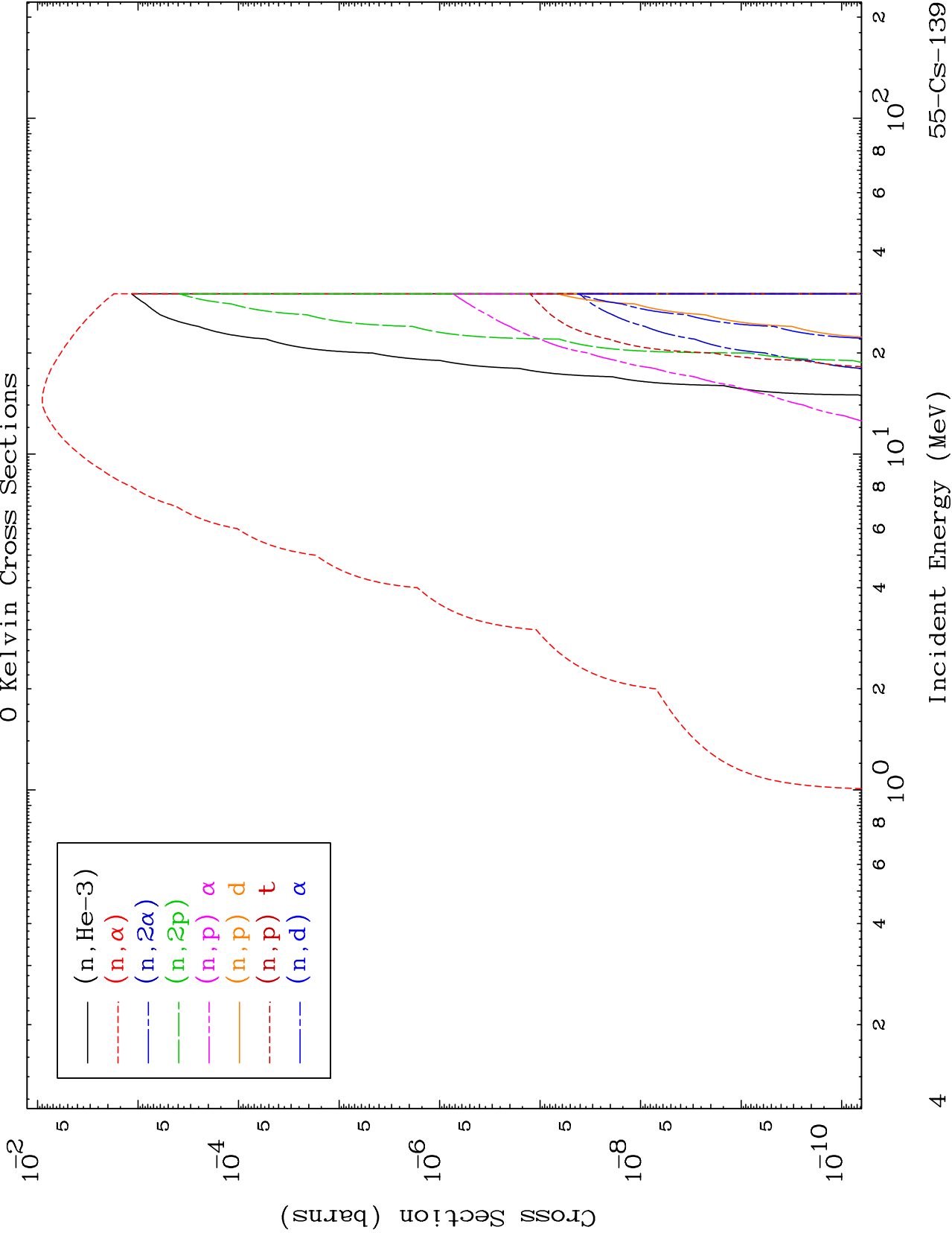
55-Cs-139

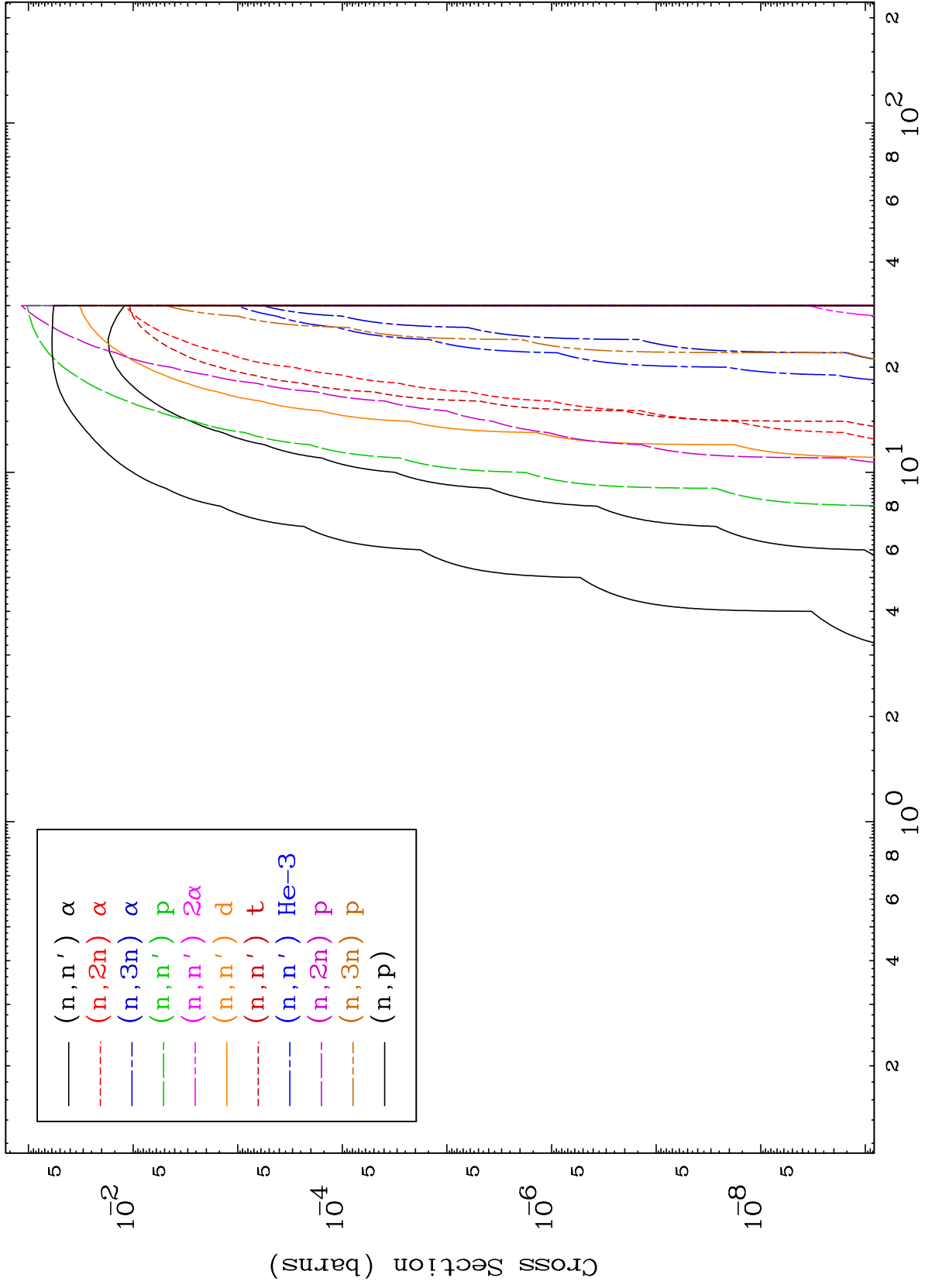


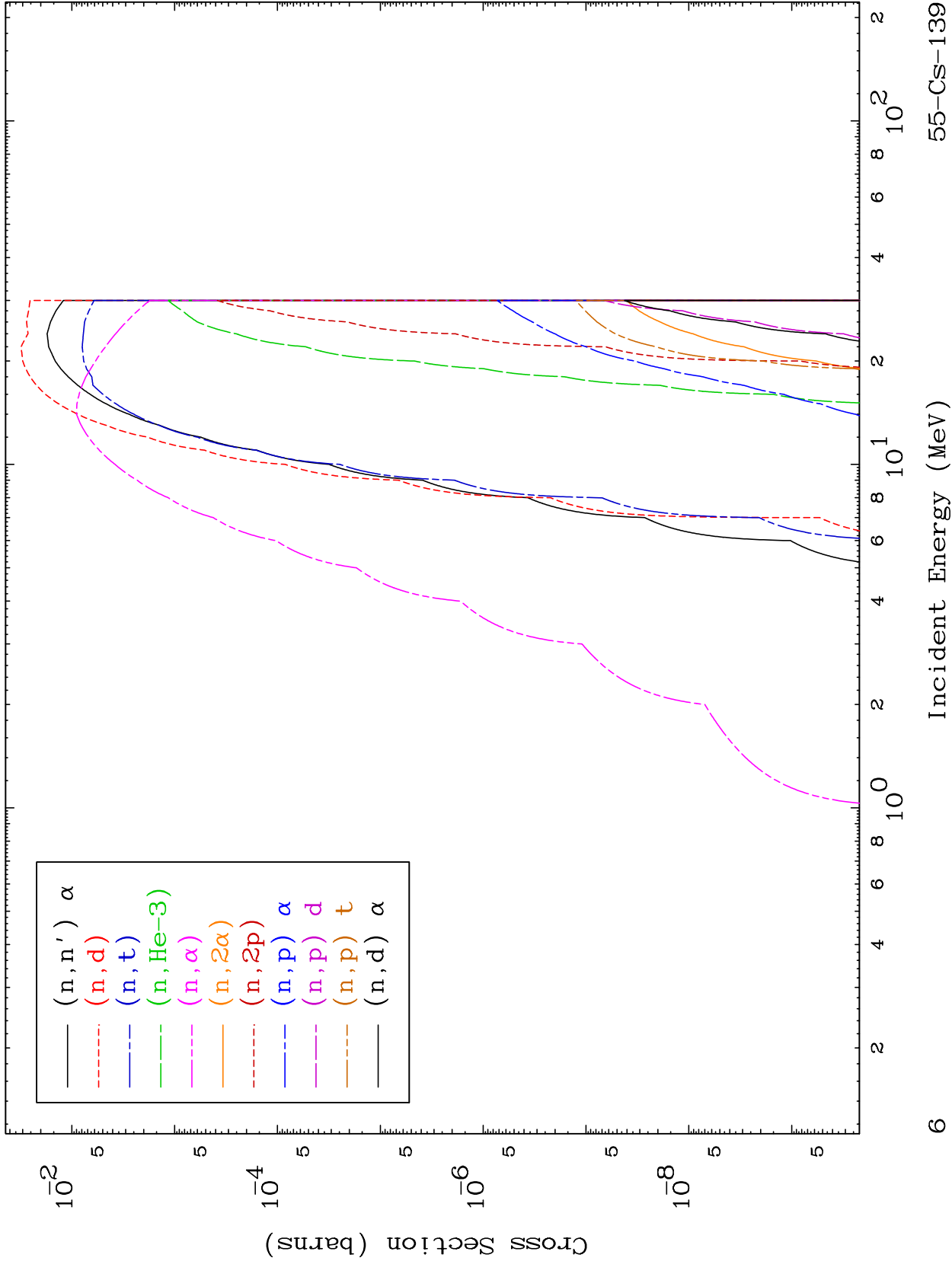
MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139



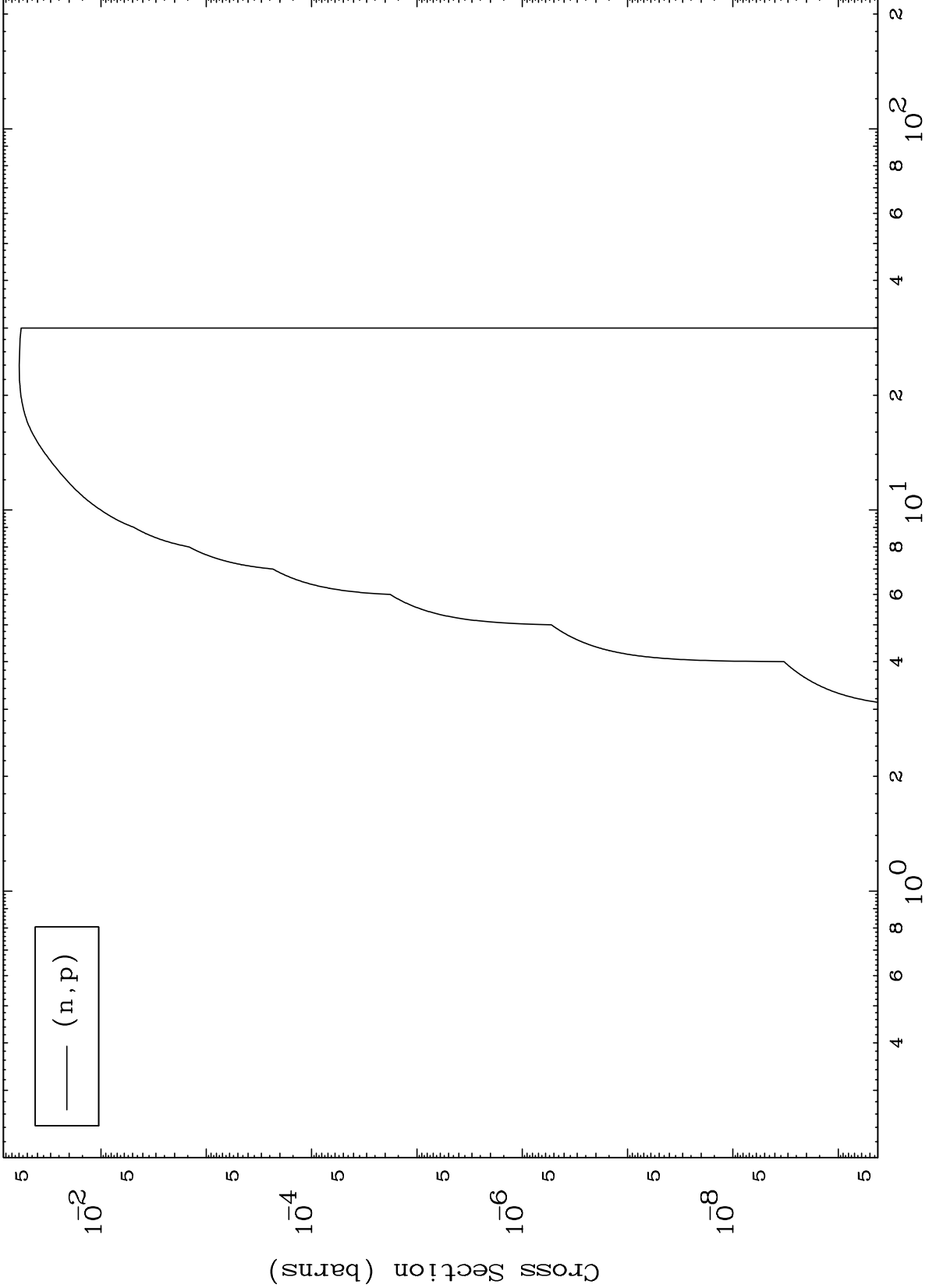




MAT 5543

(p,p) Levels
0 Kelvin Cross Sections

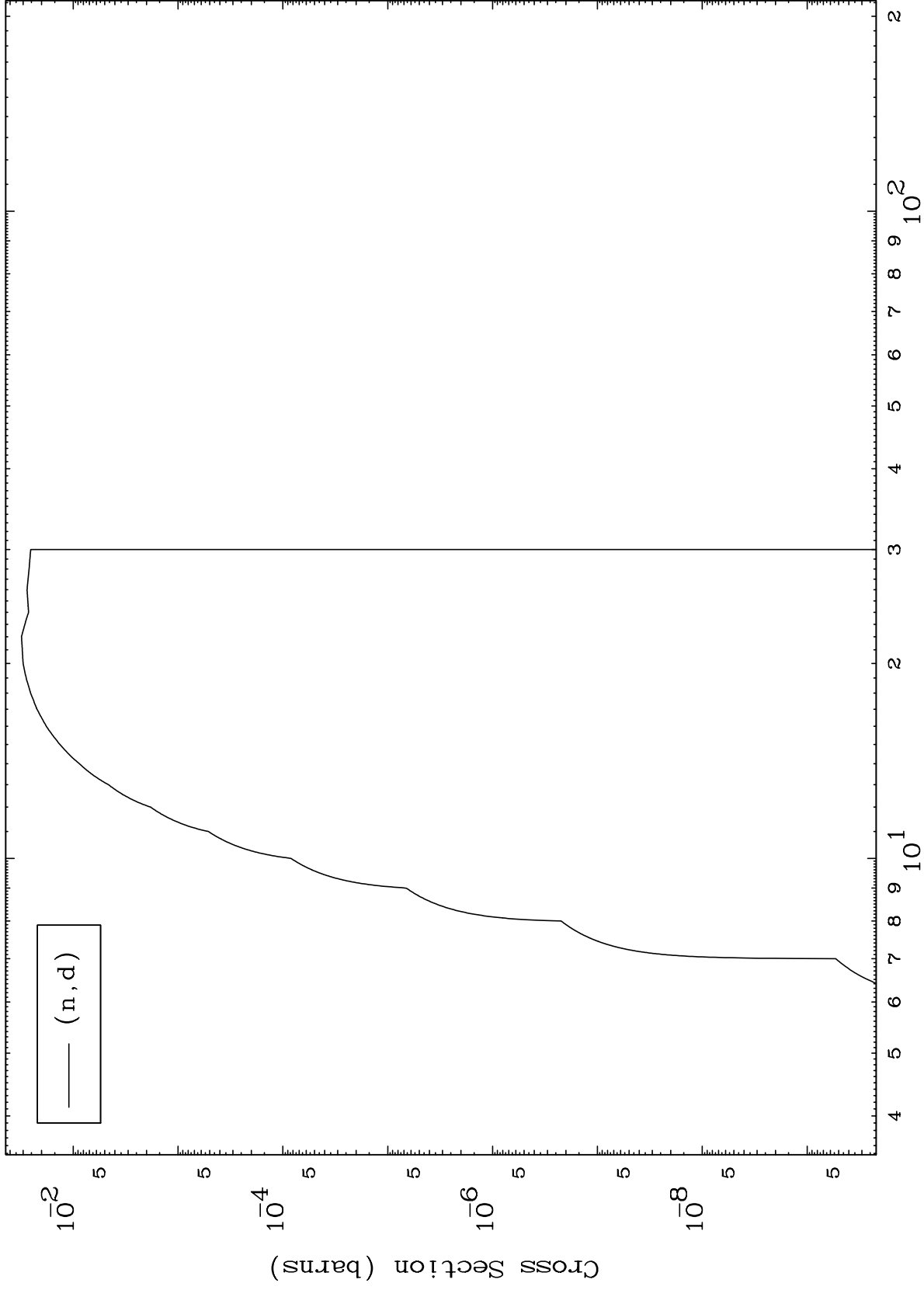
55-Cs-139



MAT 5543

(p,d) Levels
0 Kelvin Cross Sections

55-Cs-139



8

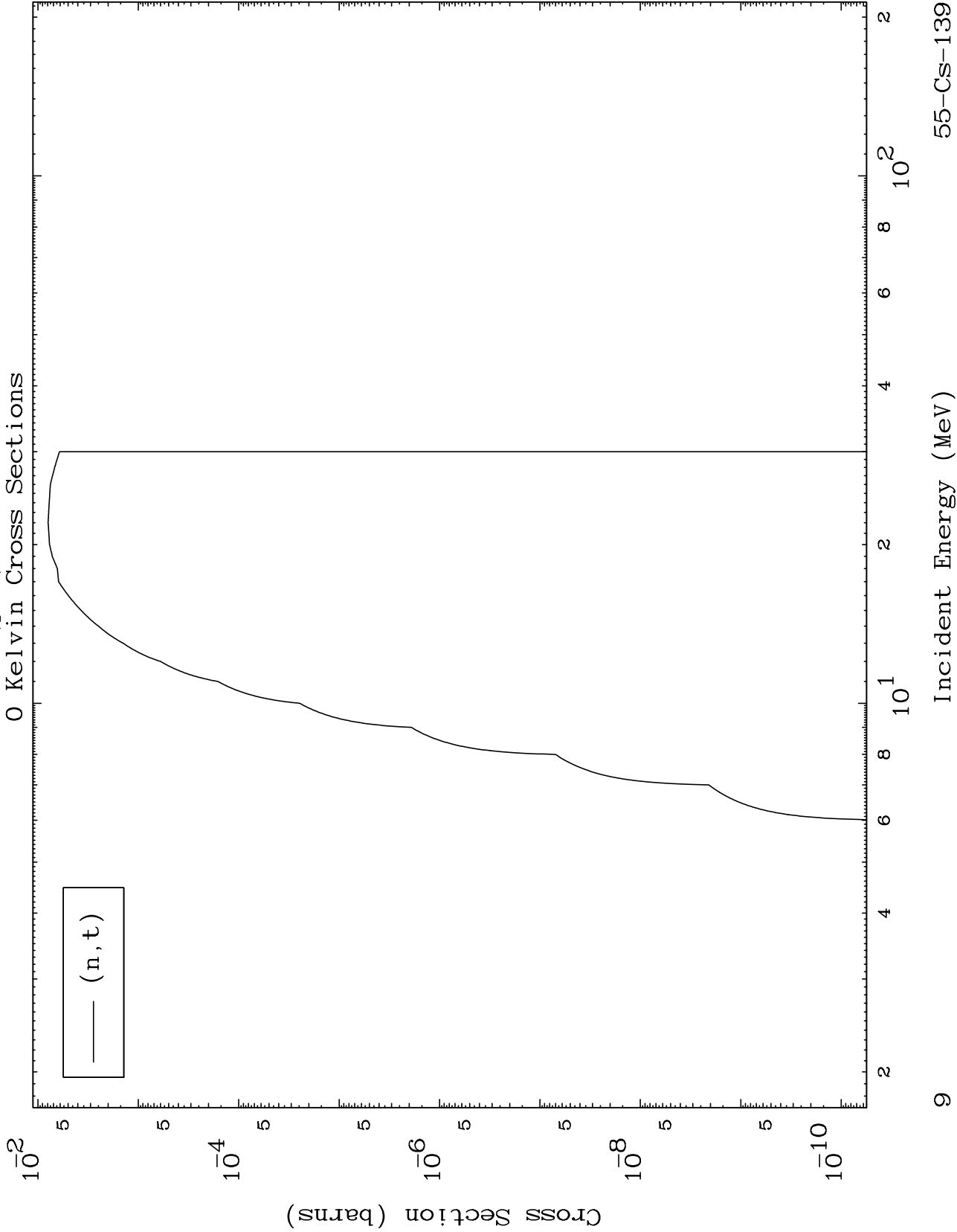
Incident Energy (MeV)

55-Cs-139

MAT 5543

(p,t) Levels

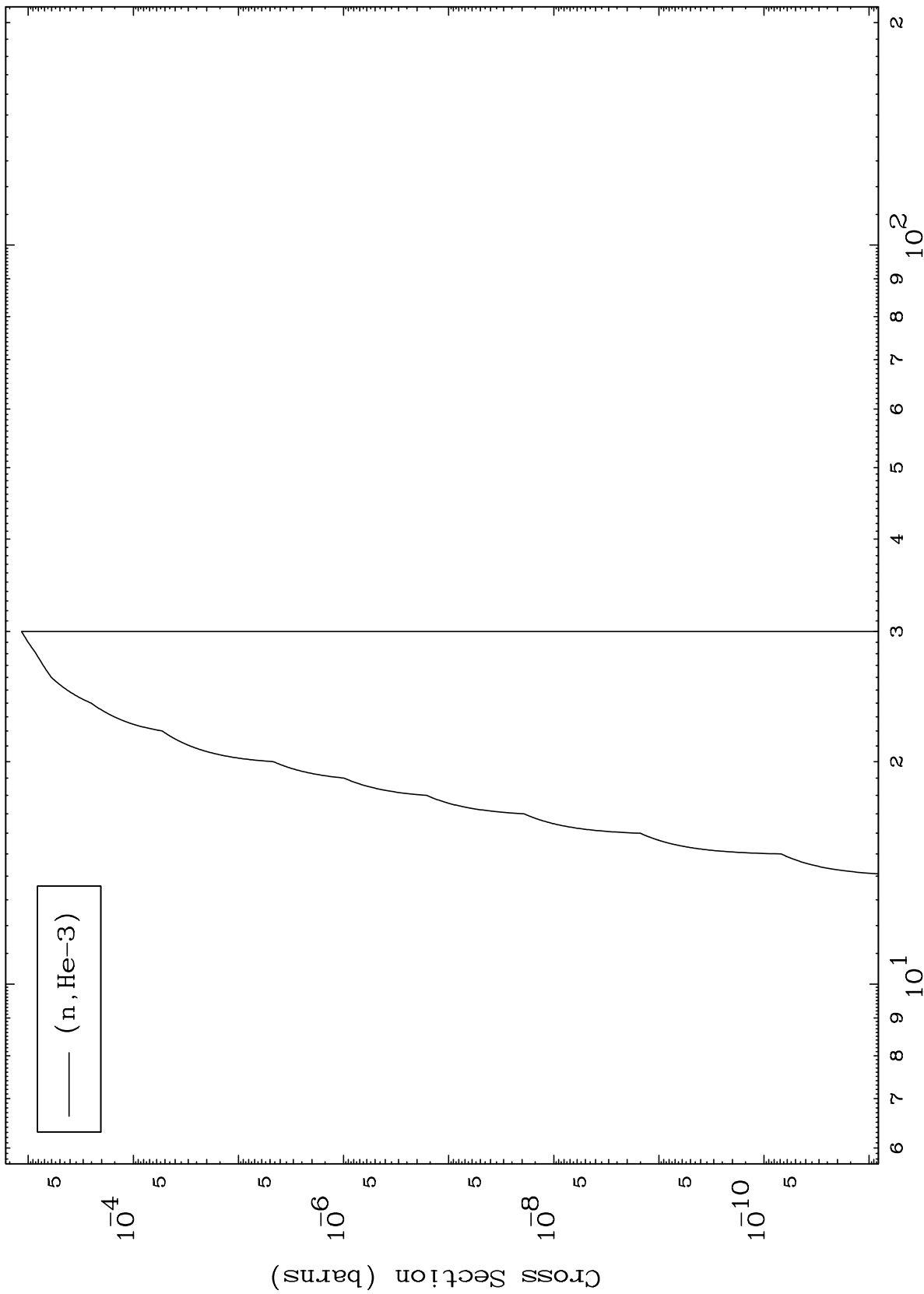
55-Cs-139



MAT 5543

55-Cs-139

(p,He3) Levels
0 Kelvin Cross Sections



55-Cs-139

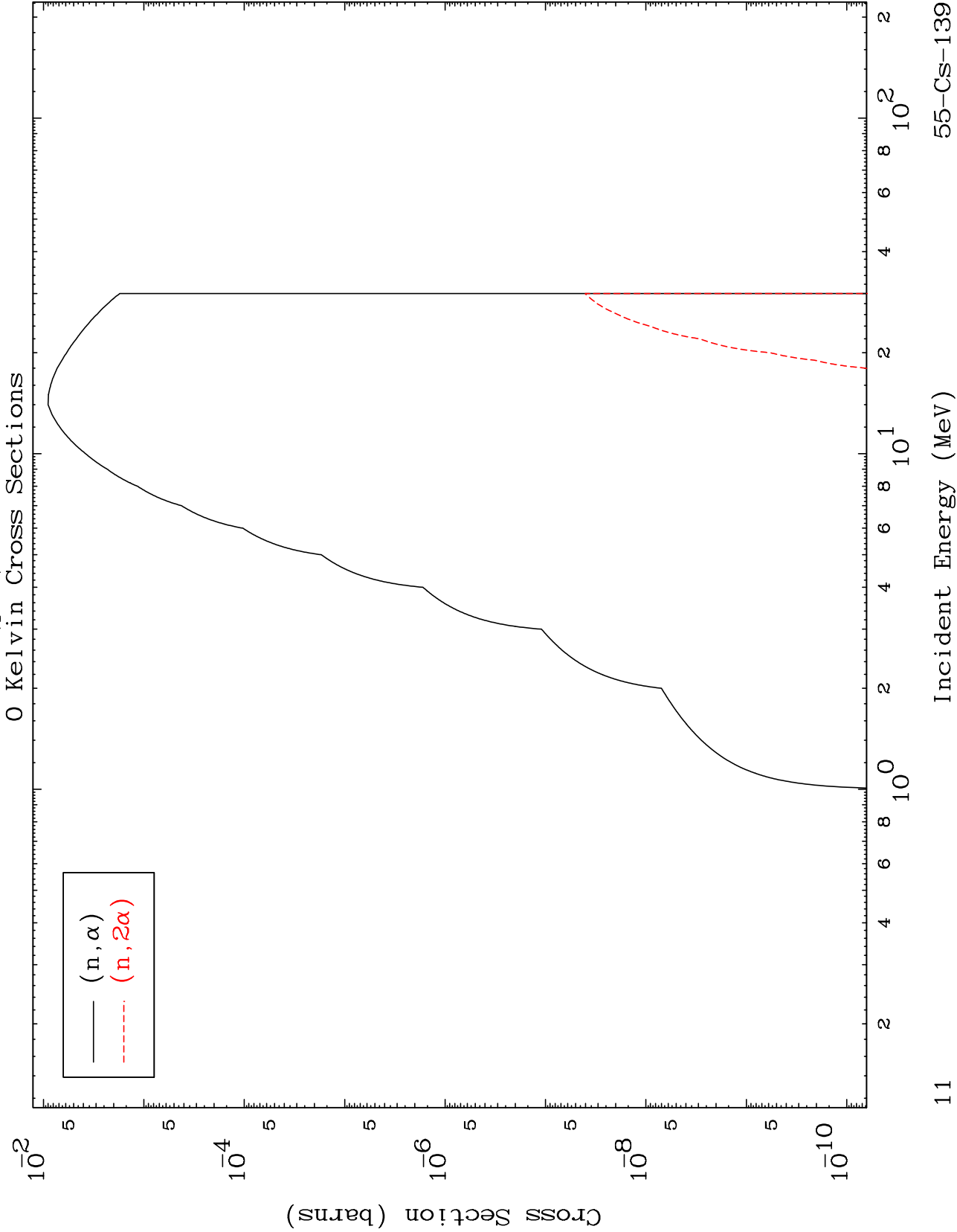
Incident Energy (MeV)

10

MAT 5543

(p, α) Levels

55-Cs-139

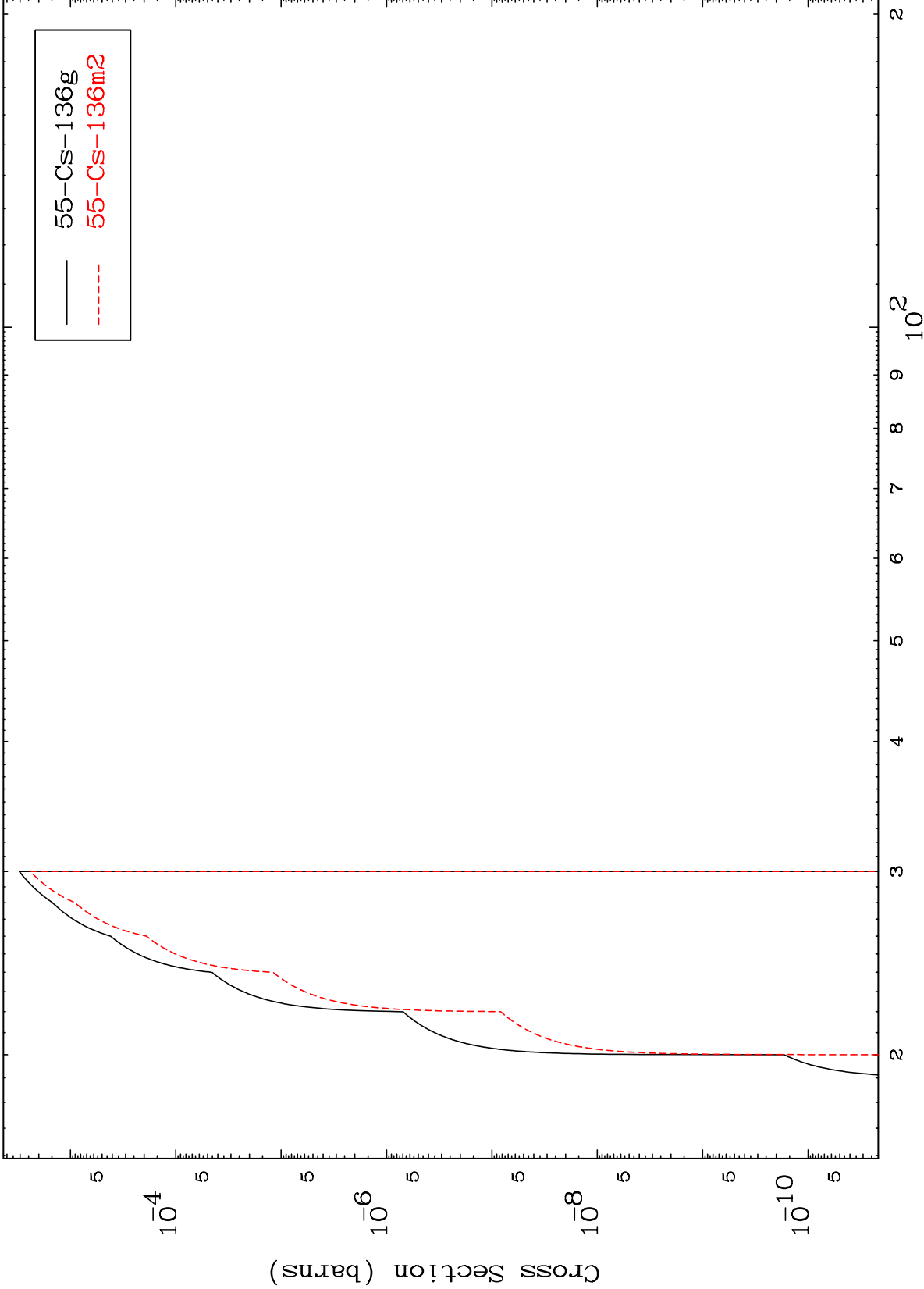


MAT 5543

(n,2n) d

55-Cs-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

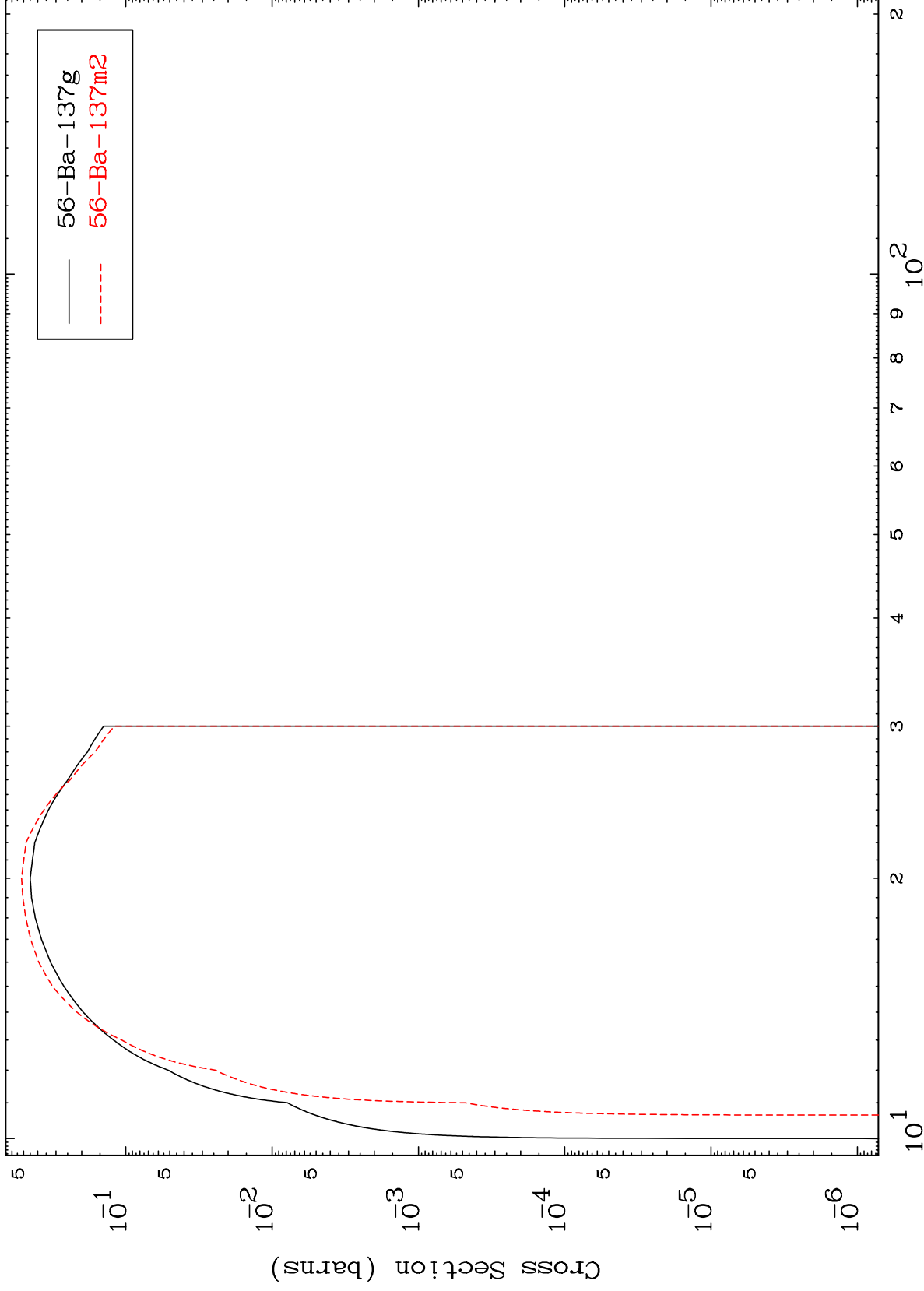
55-Cs-139

MAT 5543

(n,3n)

55-Cs-139

Radionuclide Production Cross Section



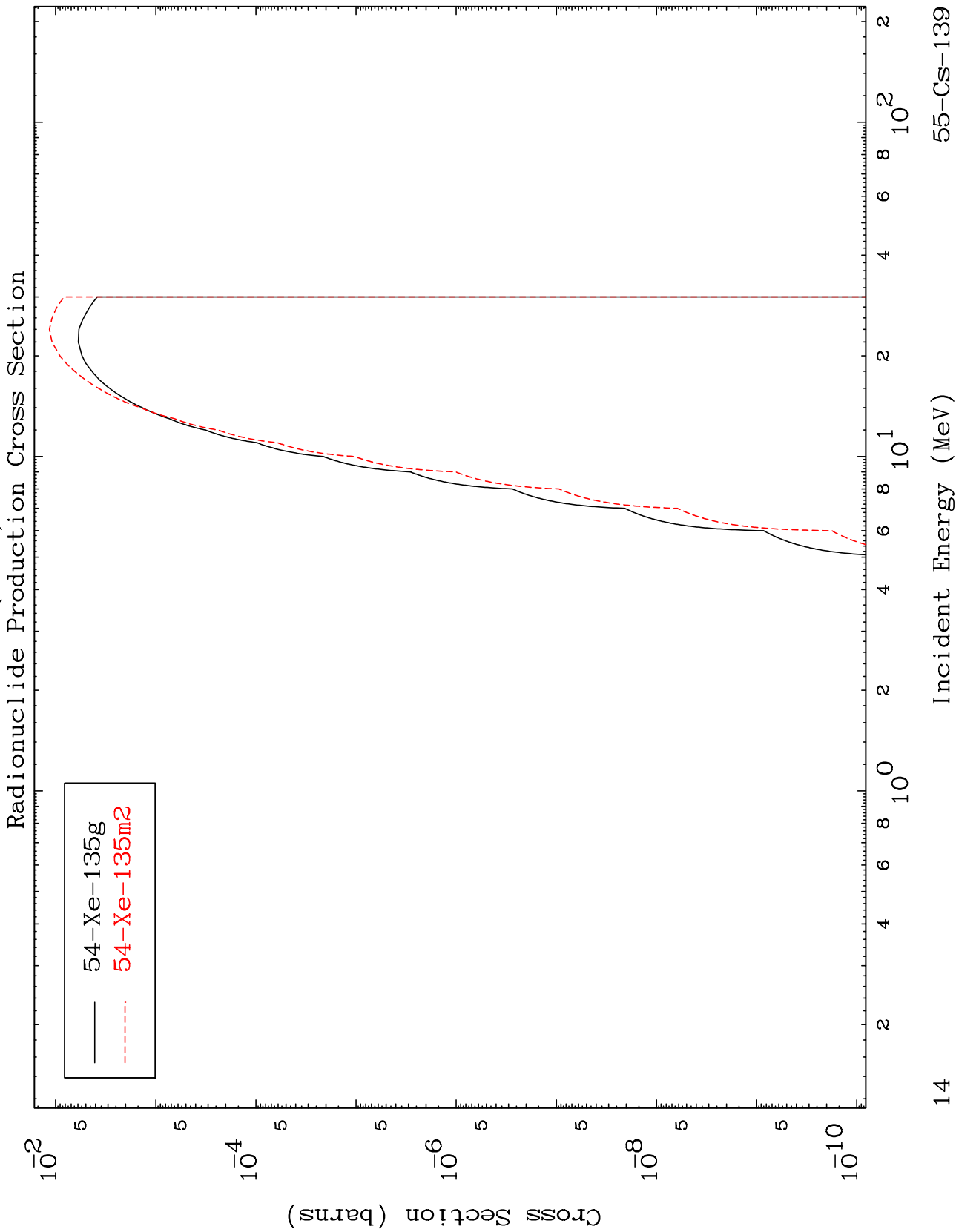
Incident Energy (MeV)

55-Cs-139

MAT 5543

$(n, n') \alpha$

55-Cs-139

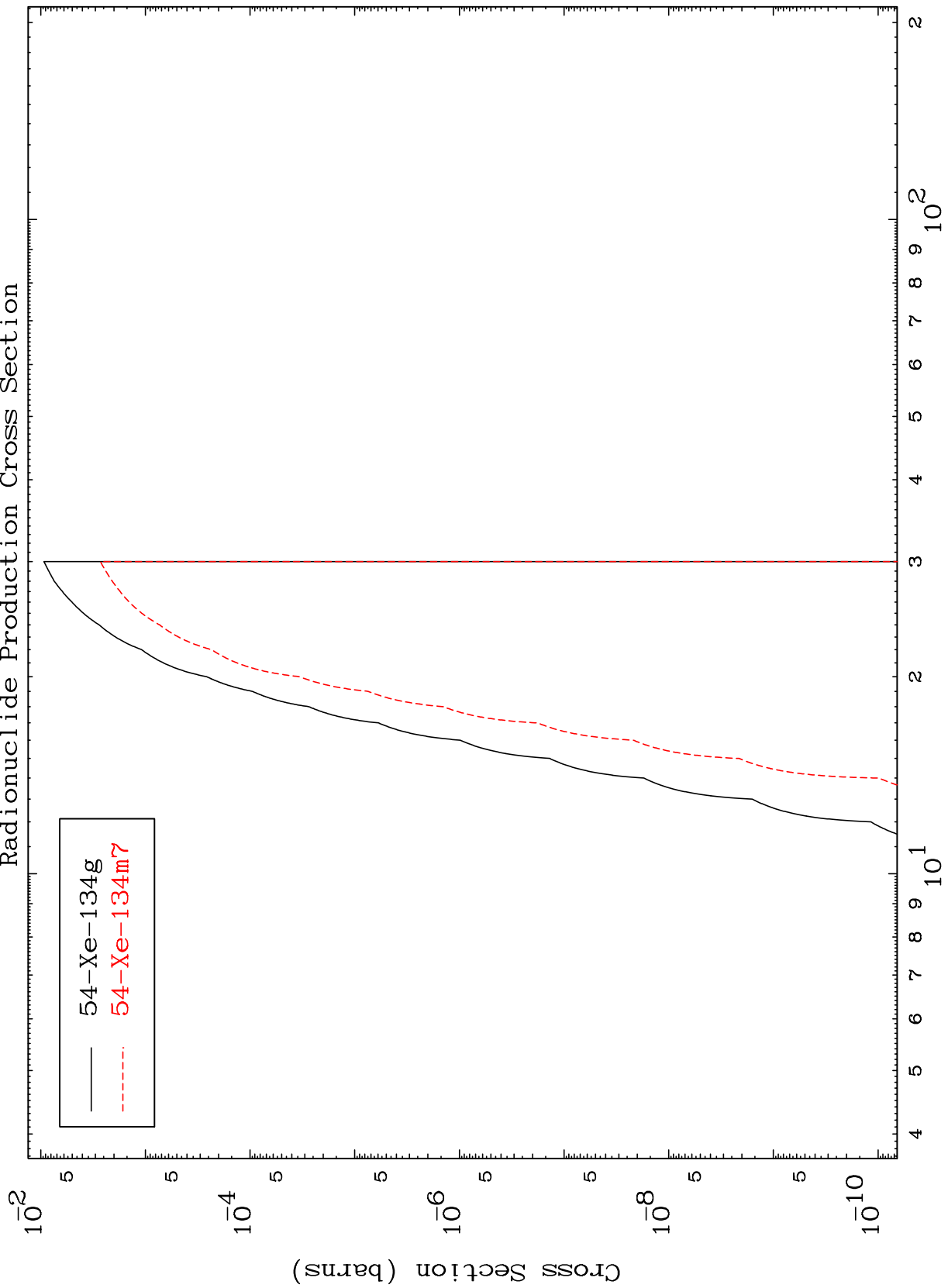


MAT 5543

(n,2n) α

55-Cs-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

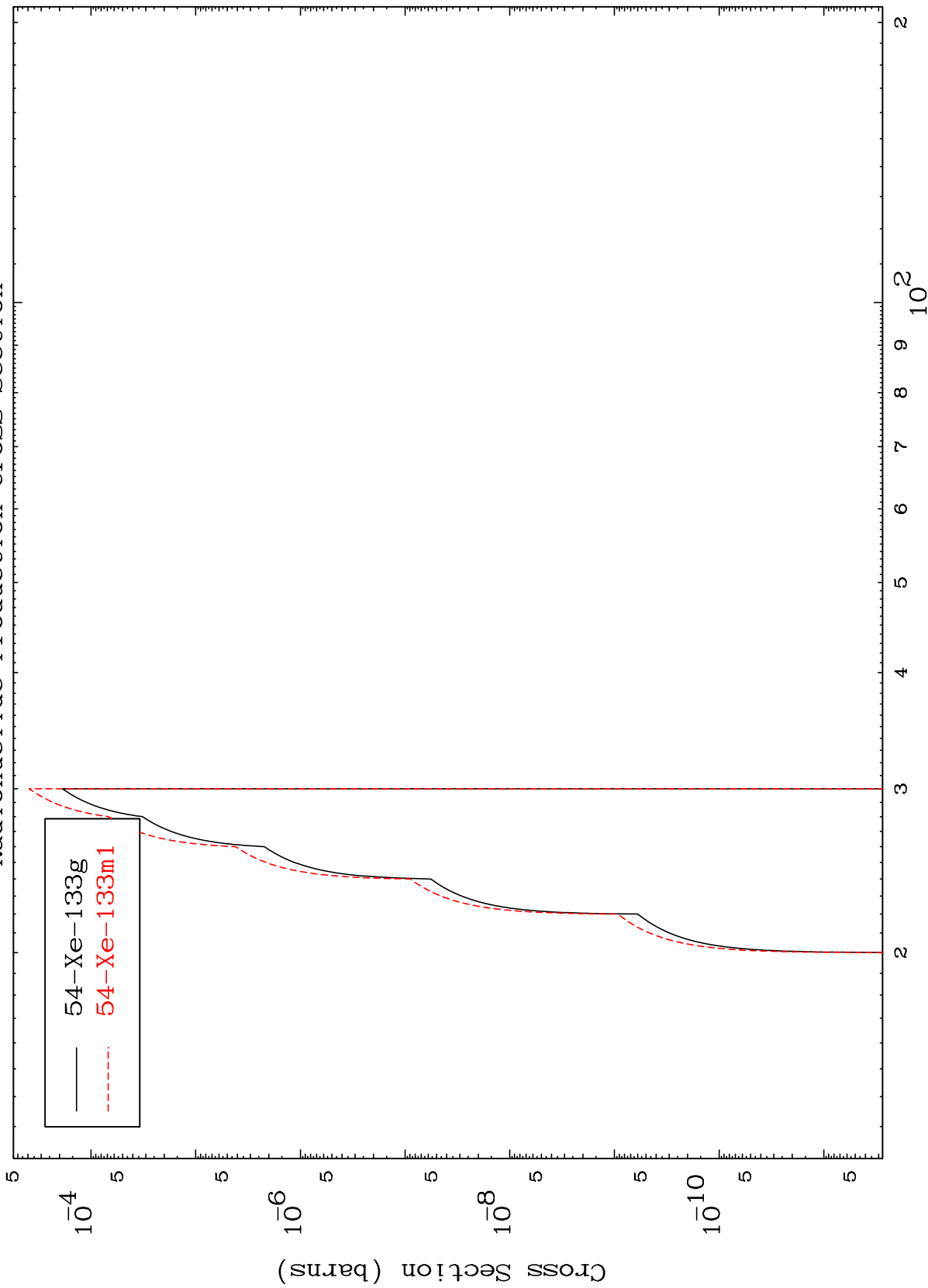
55-Cs-139

MAT 5543

(n,3n) α

55-Cs-139

Radionuclide Production Cross Section

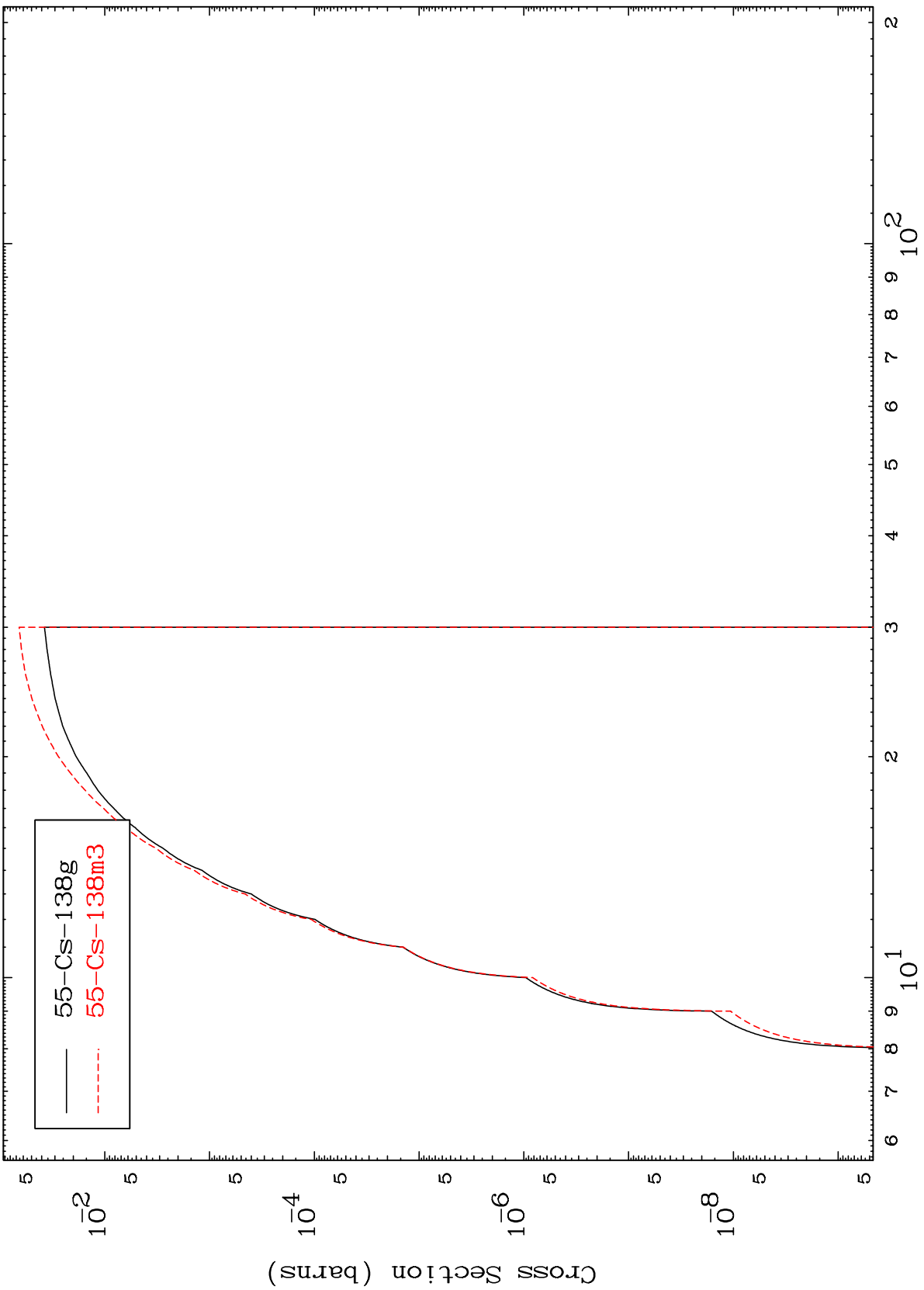


MAT 5543

(n,n') p

55-Cs-139

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

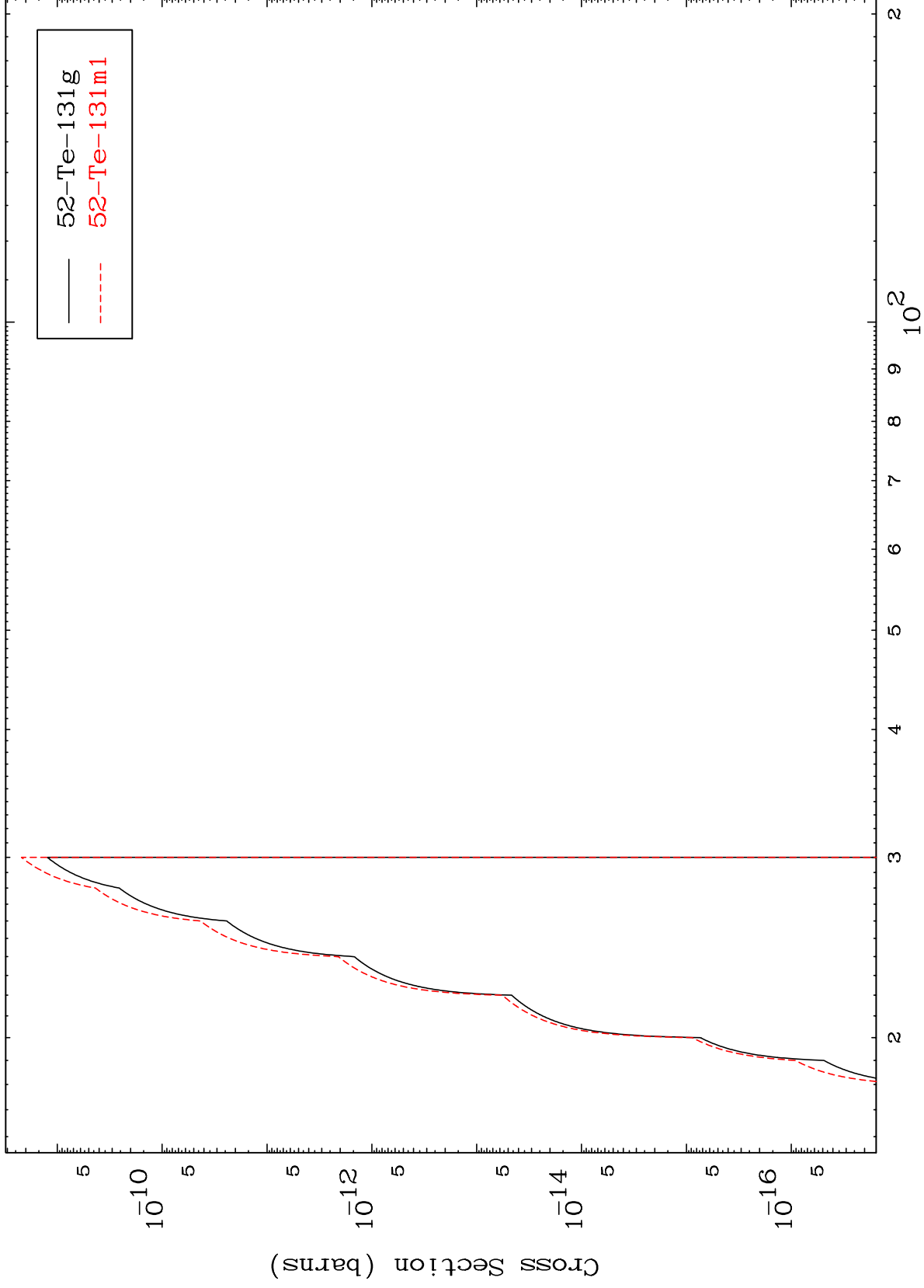
55-Cs-139

MAT 5543

(n,n') 2α

55-Cs-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

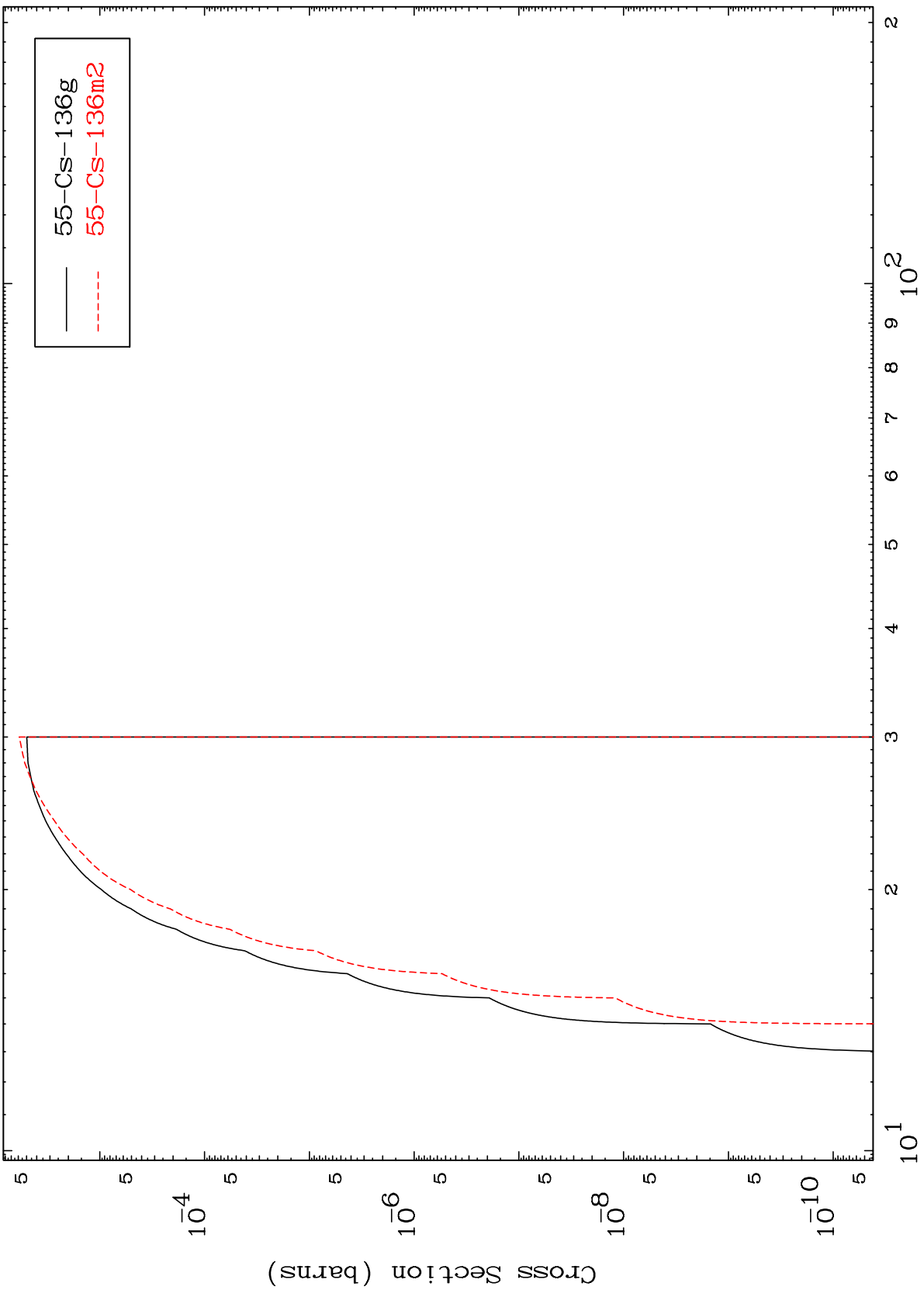
55-Cs-139

MAT 5543

(n,n') t

55-Cs-139

Radionuclide Production Cross Section



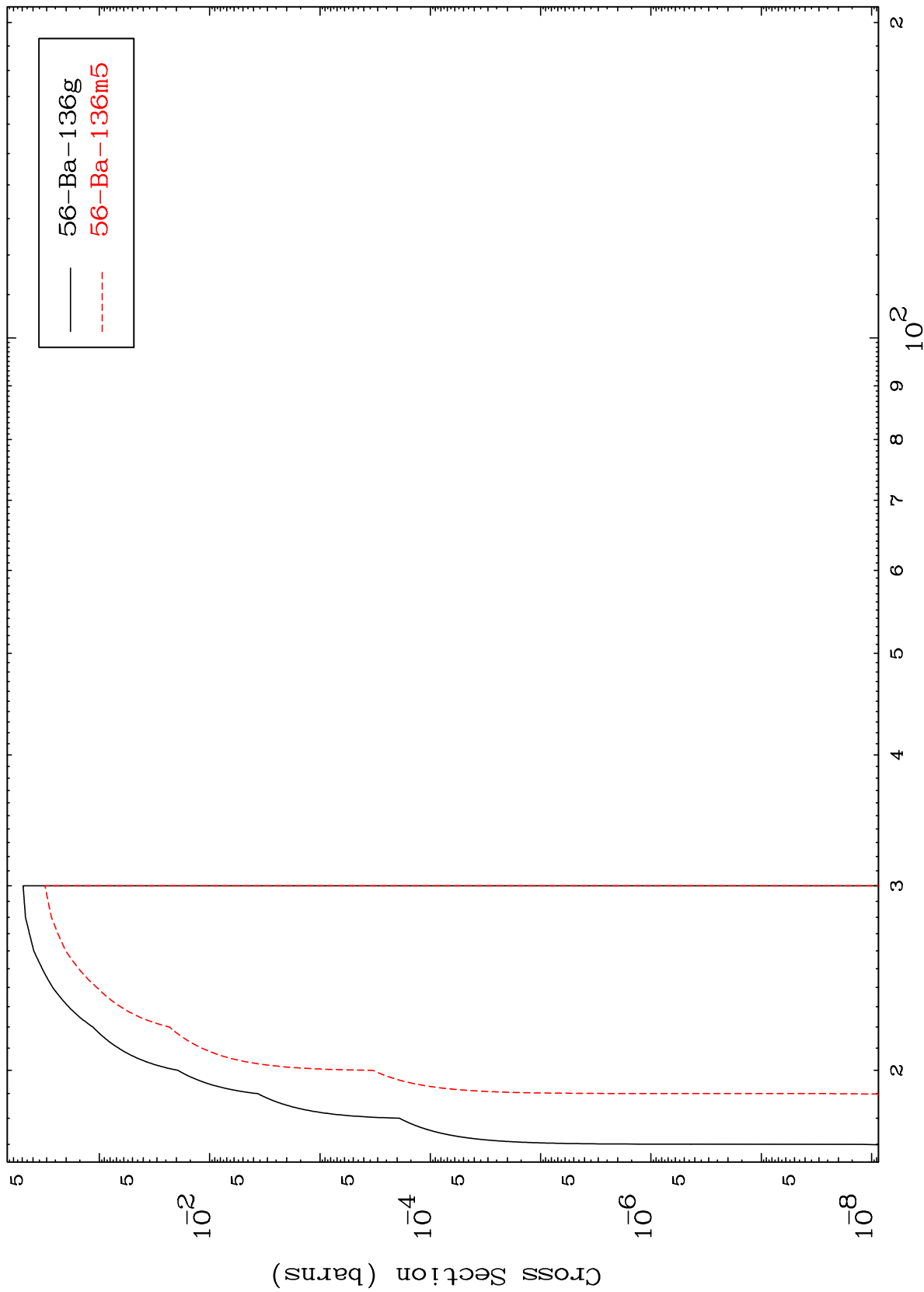
Incident Energy (MeV)

55-Cs-139

MAT 5543

55-Cs-139

(n,4n)
Radionuclide Production Cross Section



55-Cs-139

Incident Energy (MeV)

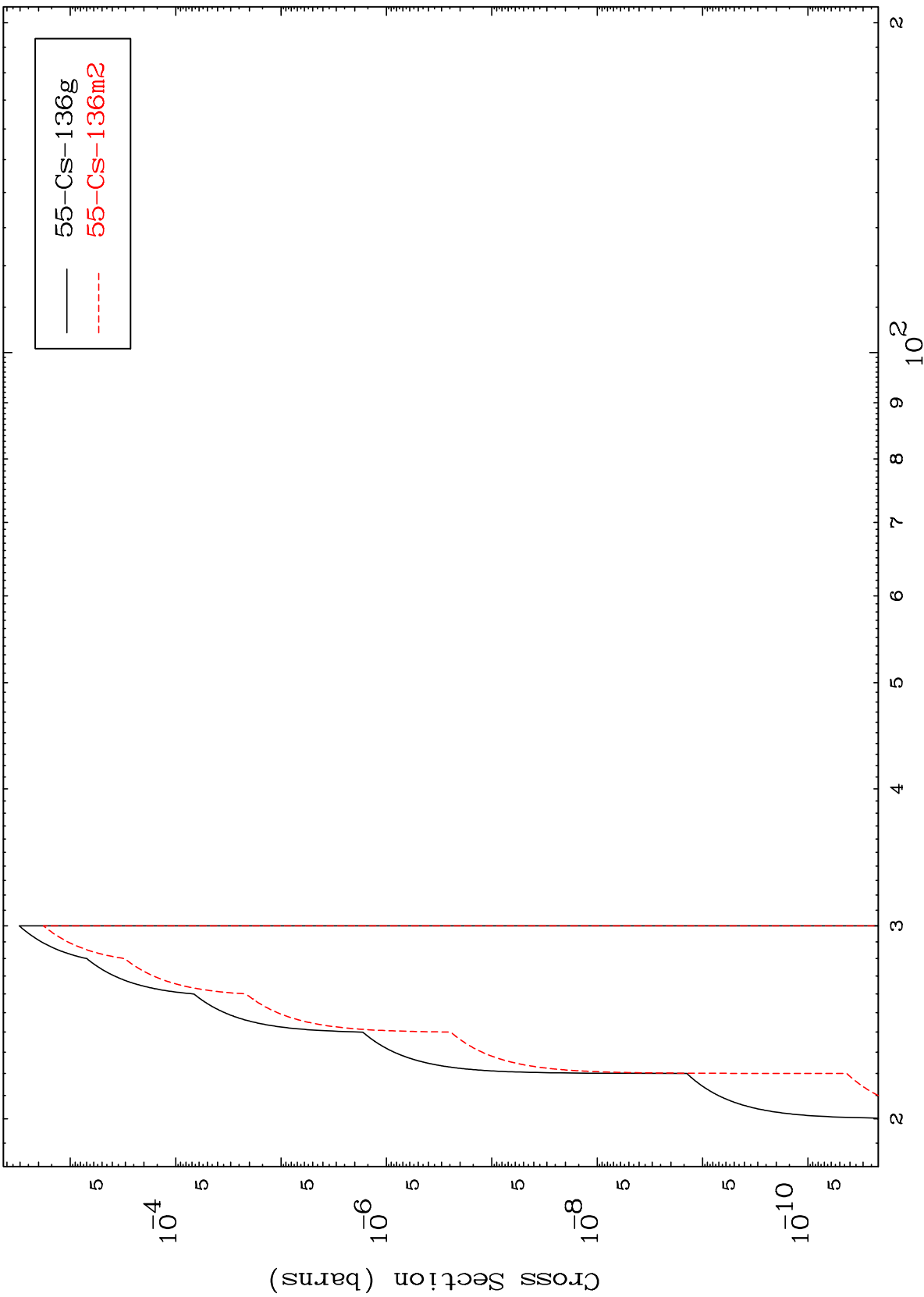
20

MAT 5543

(n,3n) p

55-Cs-139

Radionuclide Production Cross Section



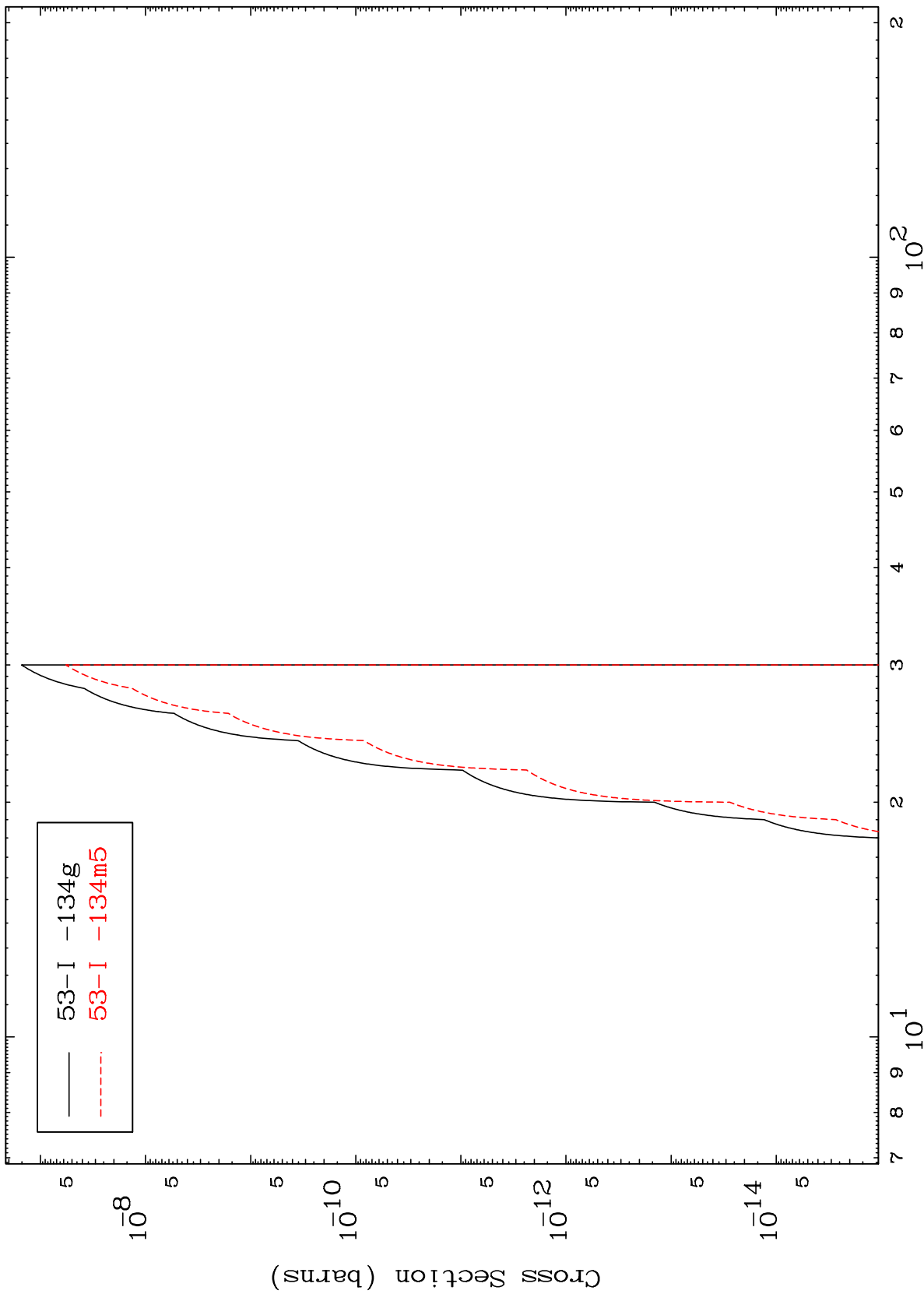
55-Cs-136g
55-Cs-136m2

MAT 5543

(n,n') p α

55-Cs-139

Radionuclide Production Cross Section



22

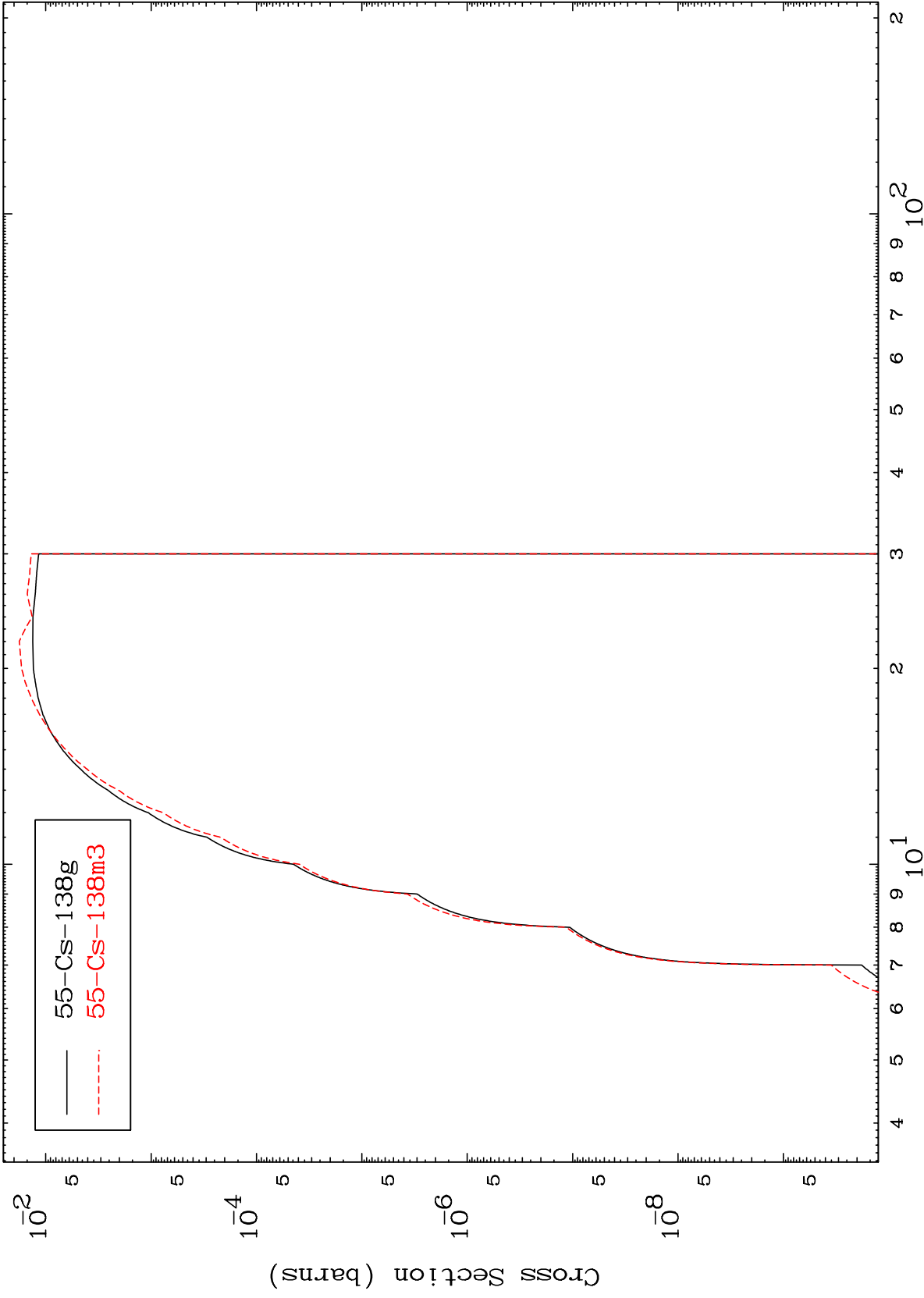
Incident Energy (MeV)

55-Cs-139

MAT 5543

55-Cs-139

(n,d)
Radionuclide Production Cross Section



23

55-Cs-139

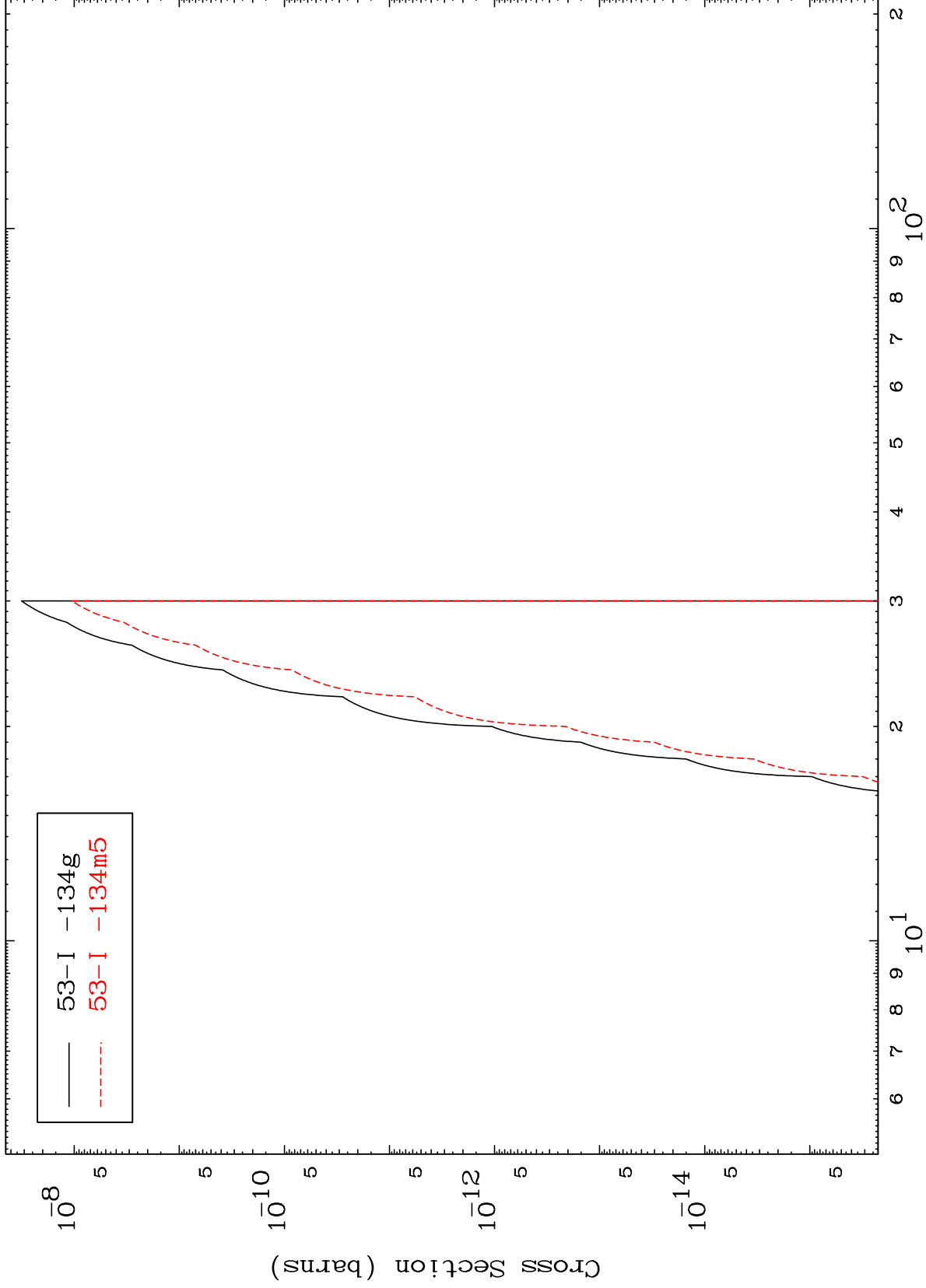
Incident Energy (MeV)

MAT 5543

(n,d) α

55-Cs-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

55-Cs-139