

Program EVALPLOT
(Version 2018-1)

by

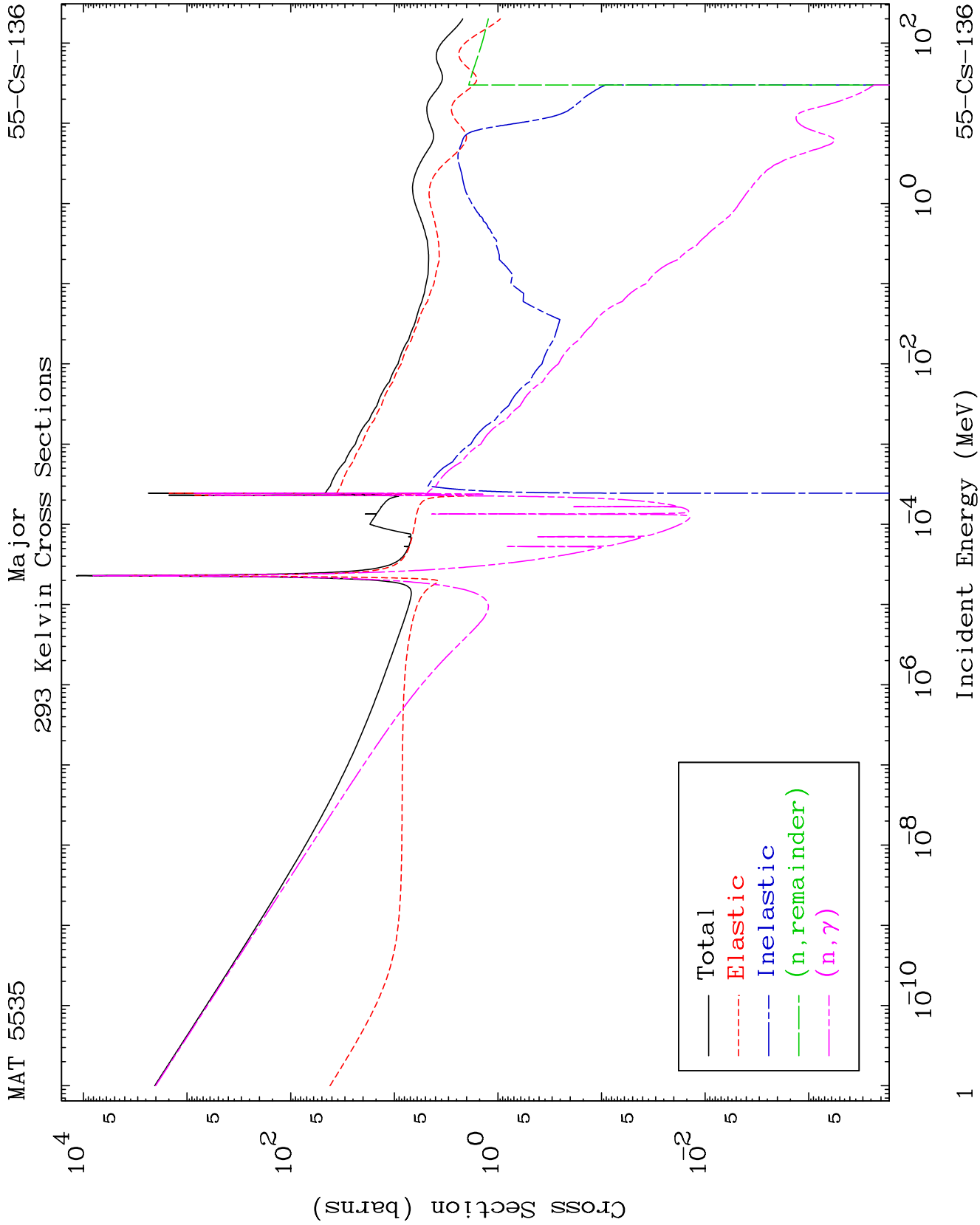
Dermott E. Cullen
(Present Contact Information)

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

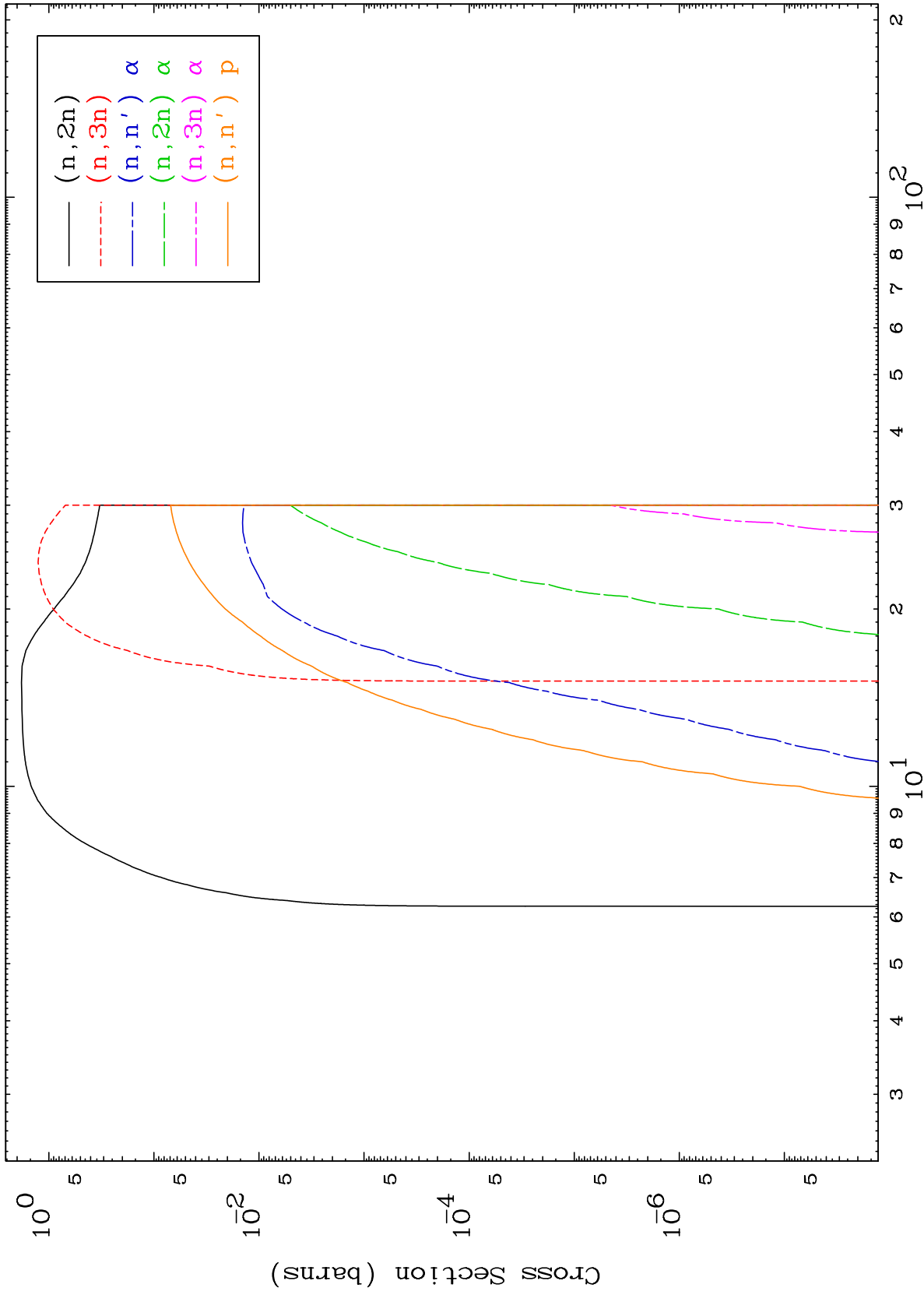
Press Mouse Button to Start



MAT 5535

Neutron Production
293 Kelvin Cross Sections

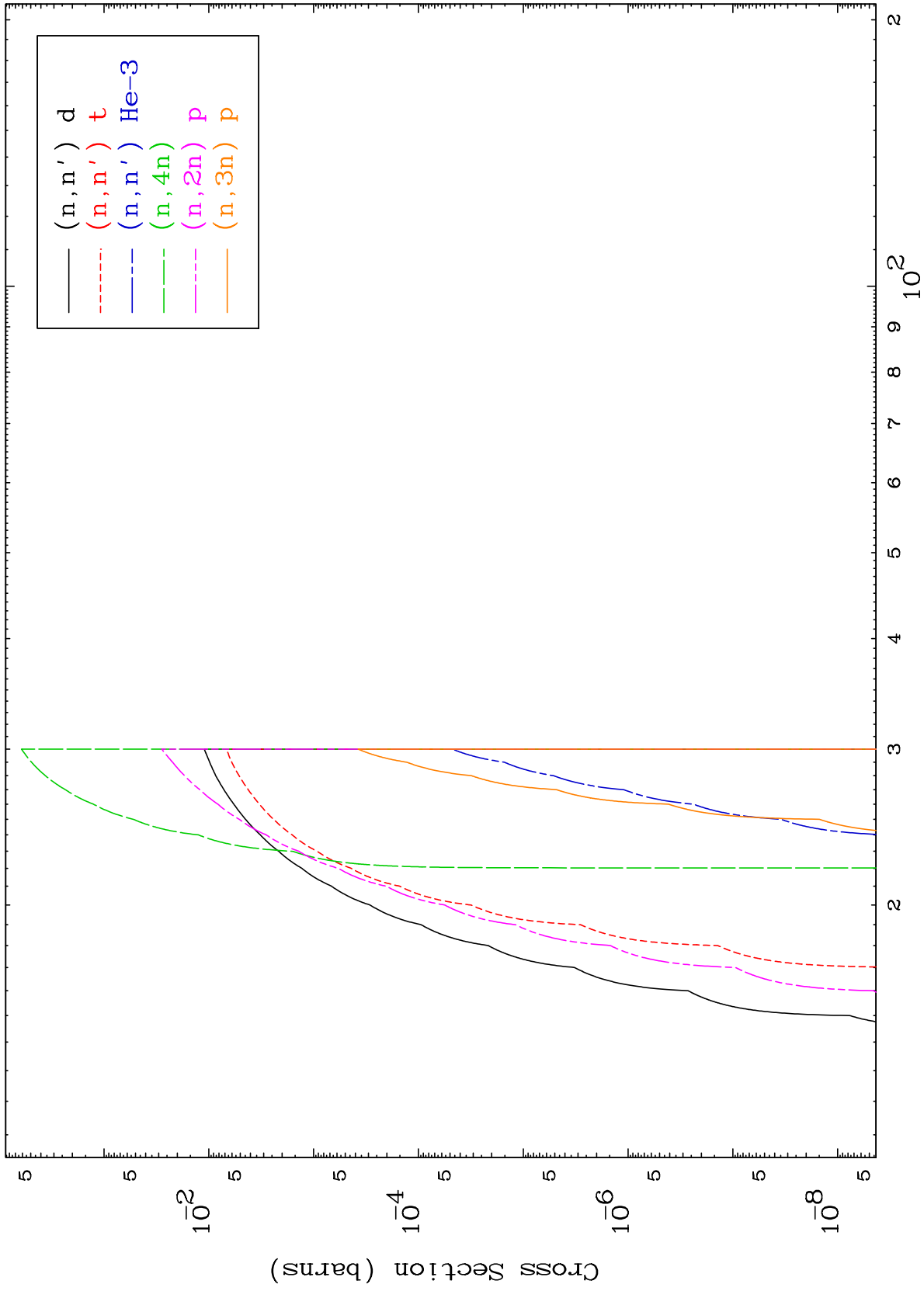
55-Cs-136



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Incident Energy (MeV)

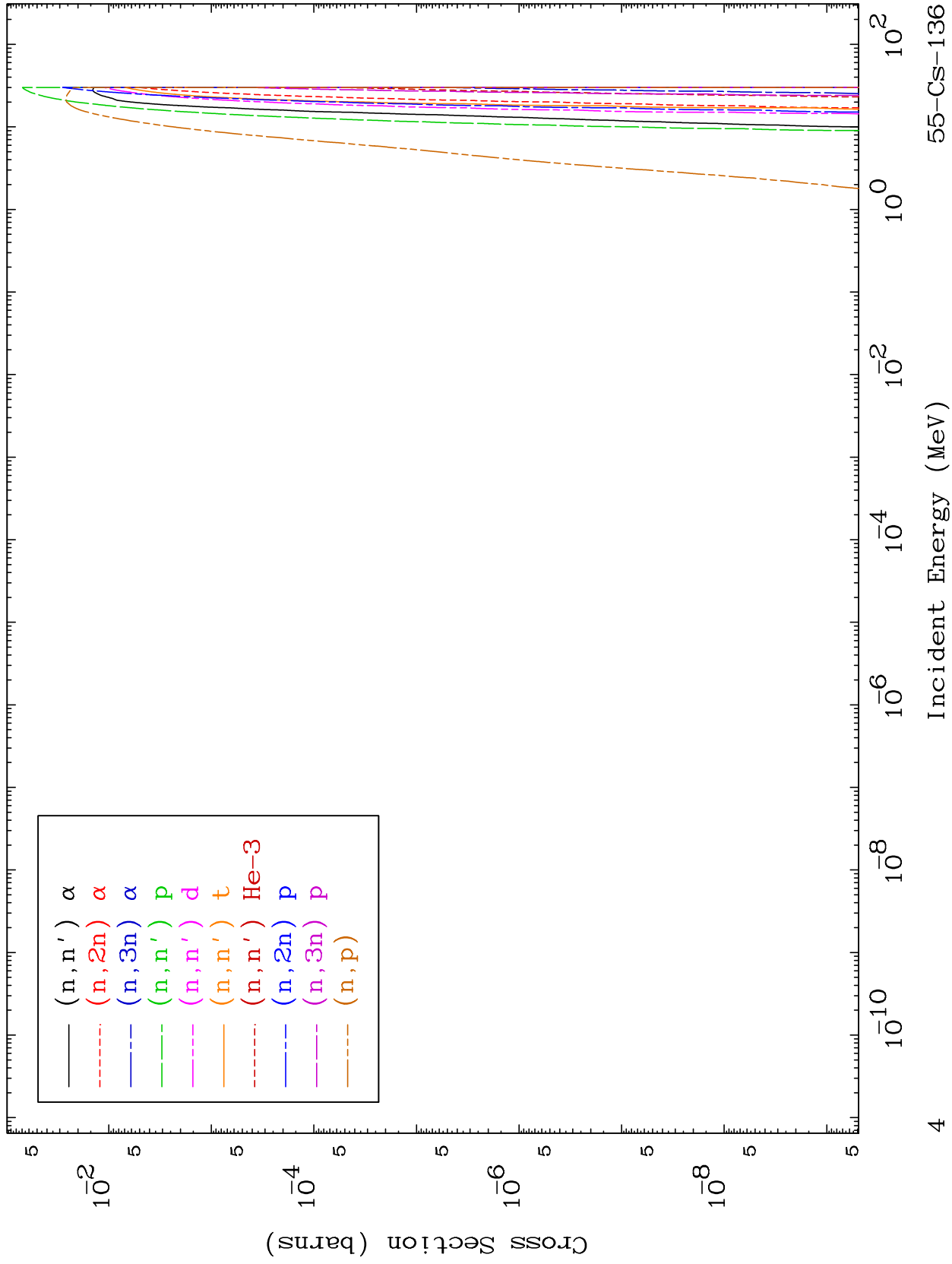
55-Cs-136



MAT 5535

Charged Particle
293 Kelvin Cross Sections

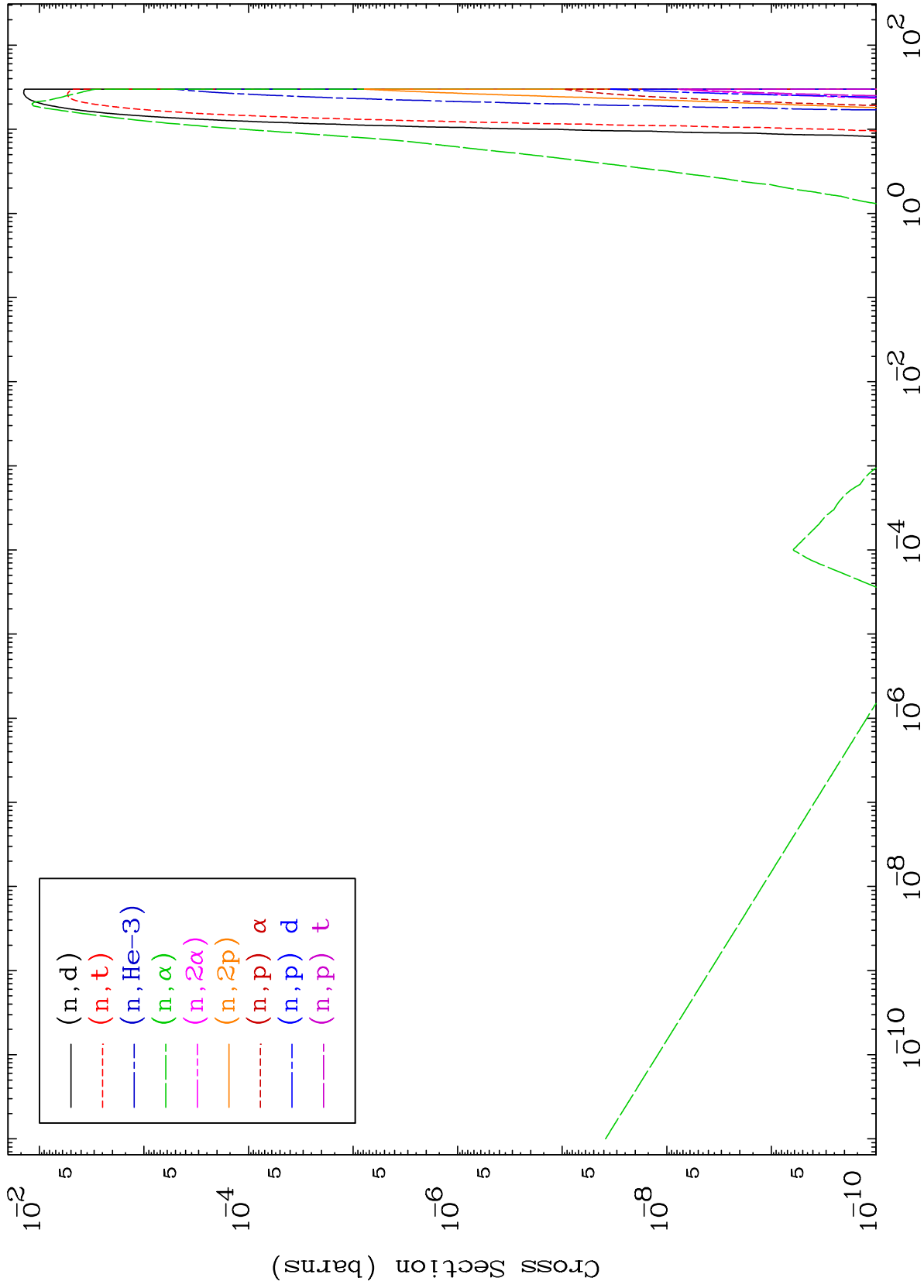
55-Cs-136



MAT 5535

Charged Particle
293 Kelvin Cross Sections

55-Cs-136



5

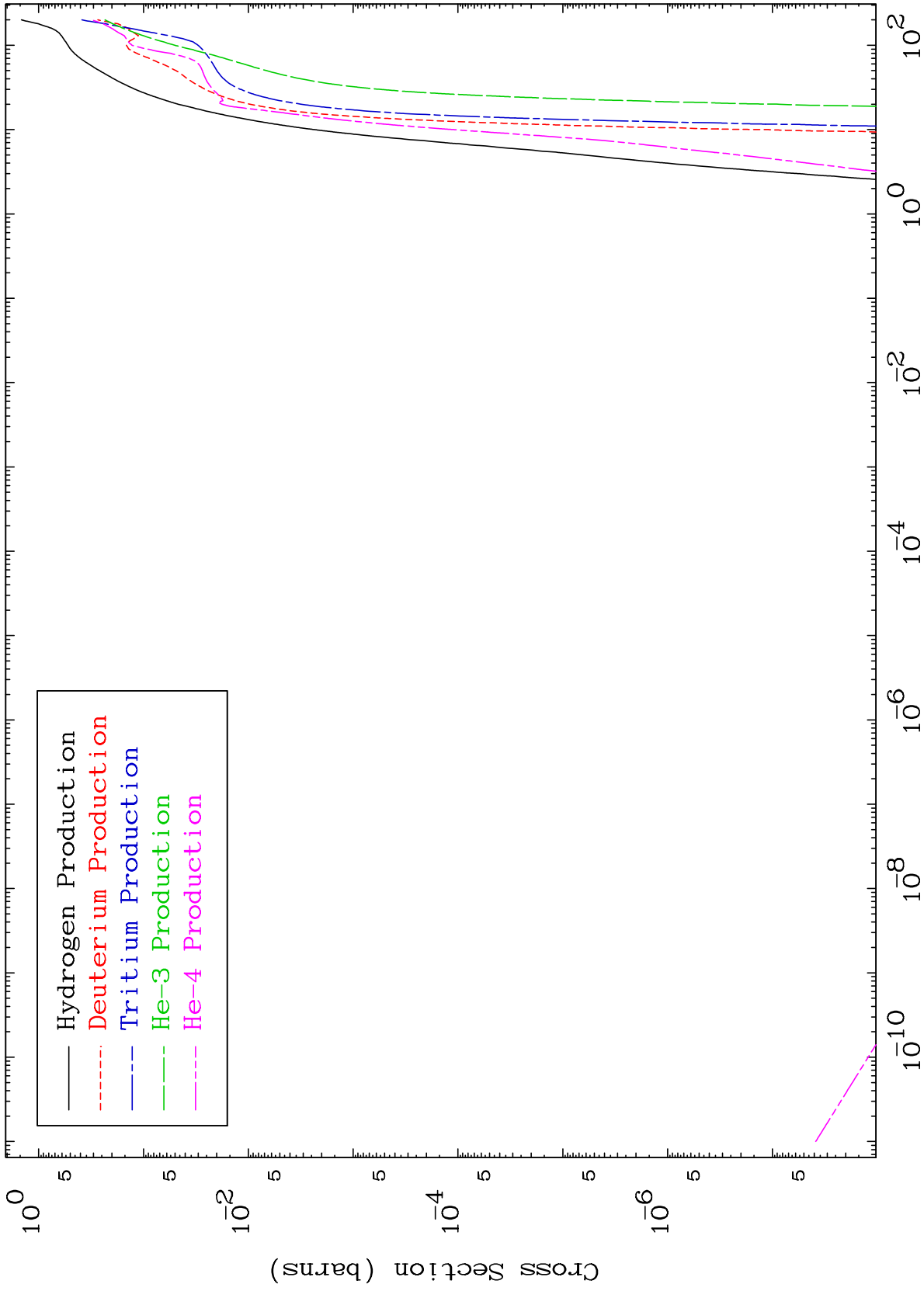
Incident Energy (MeV)

55-Cs-136

MAT 5535

Particle Production
293 Kelvin Cross Sections

55-Cs-136



6

Incident Energy (MeV)

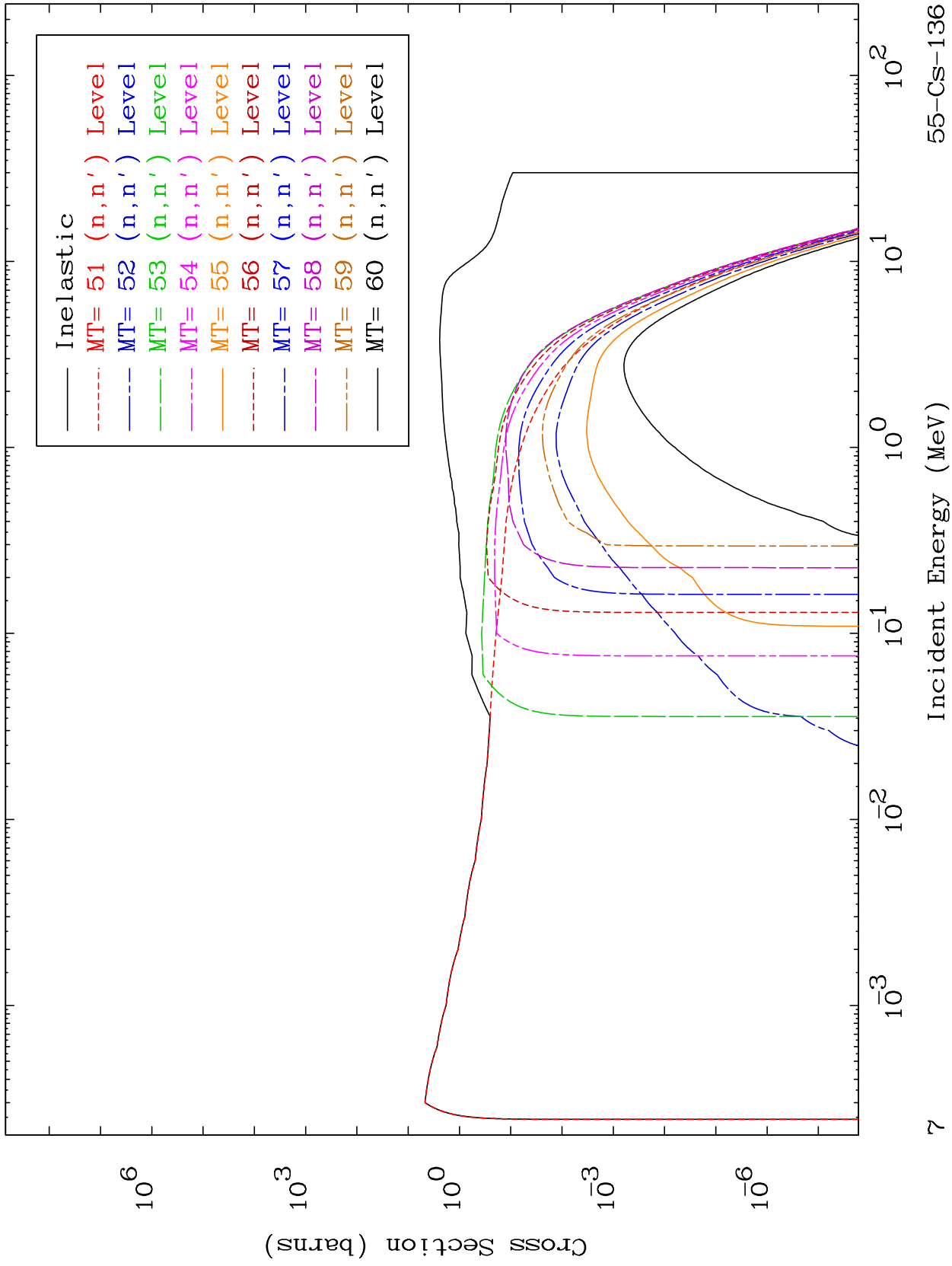
55-Cs-136

MAT 5535

(n,n') Level

55-Cs-136

293 Kelvin Cross Sections

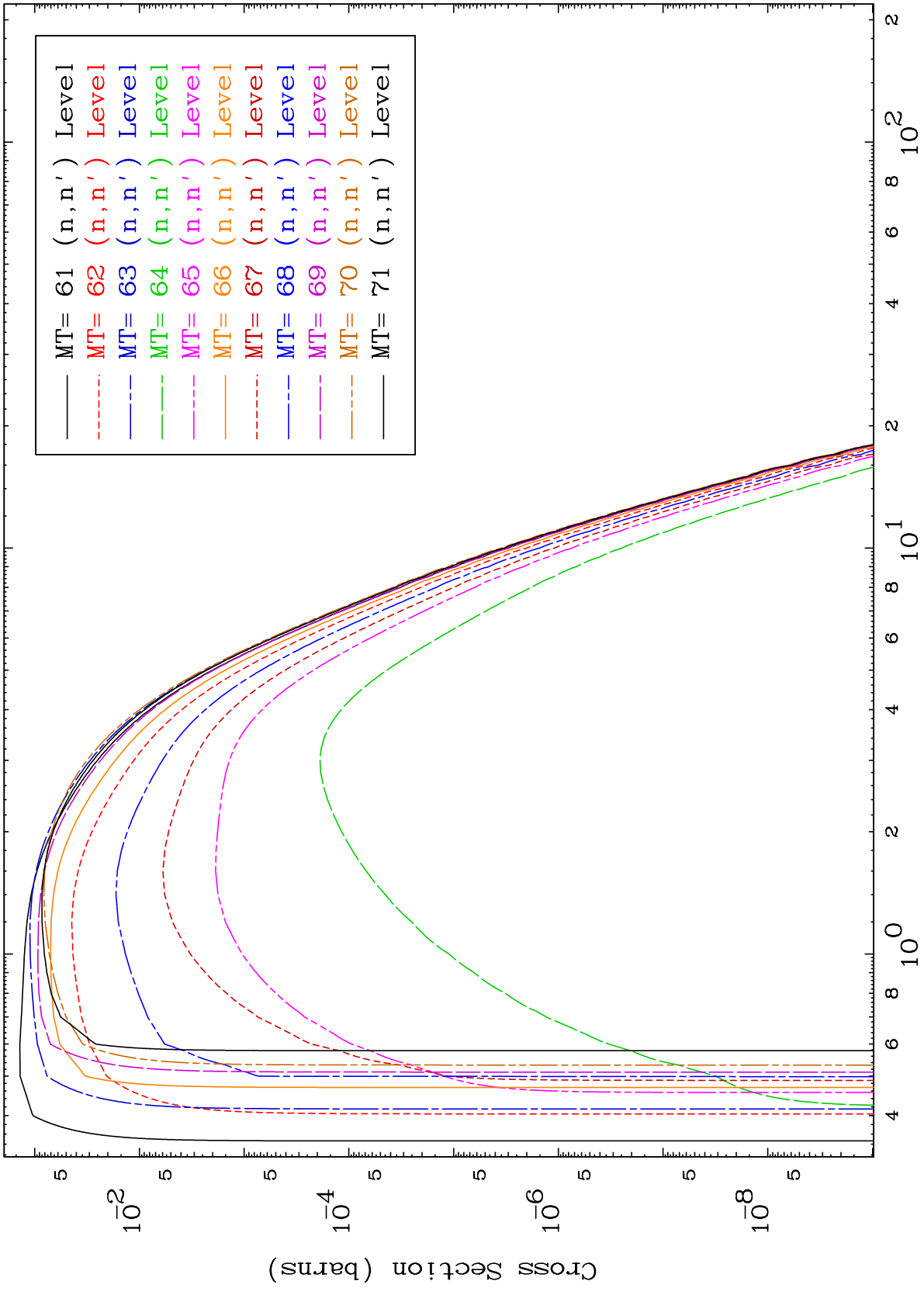


MAT 5535

(n,n') Level

55-Cs-136

293 Kelvin Cross Sections



8

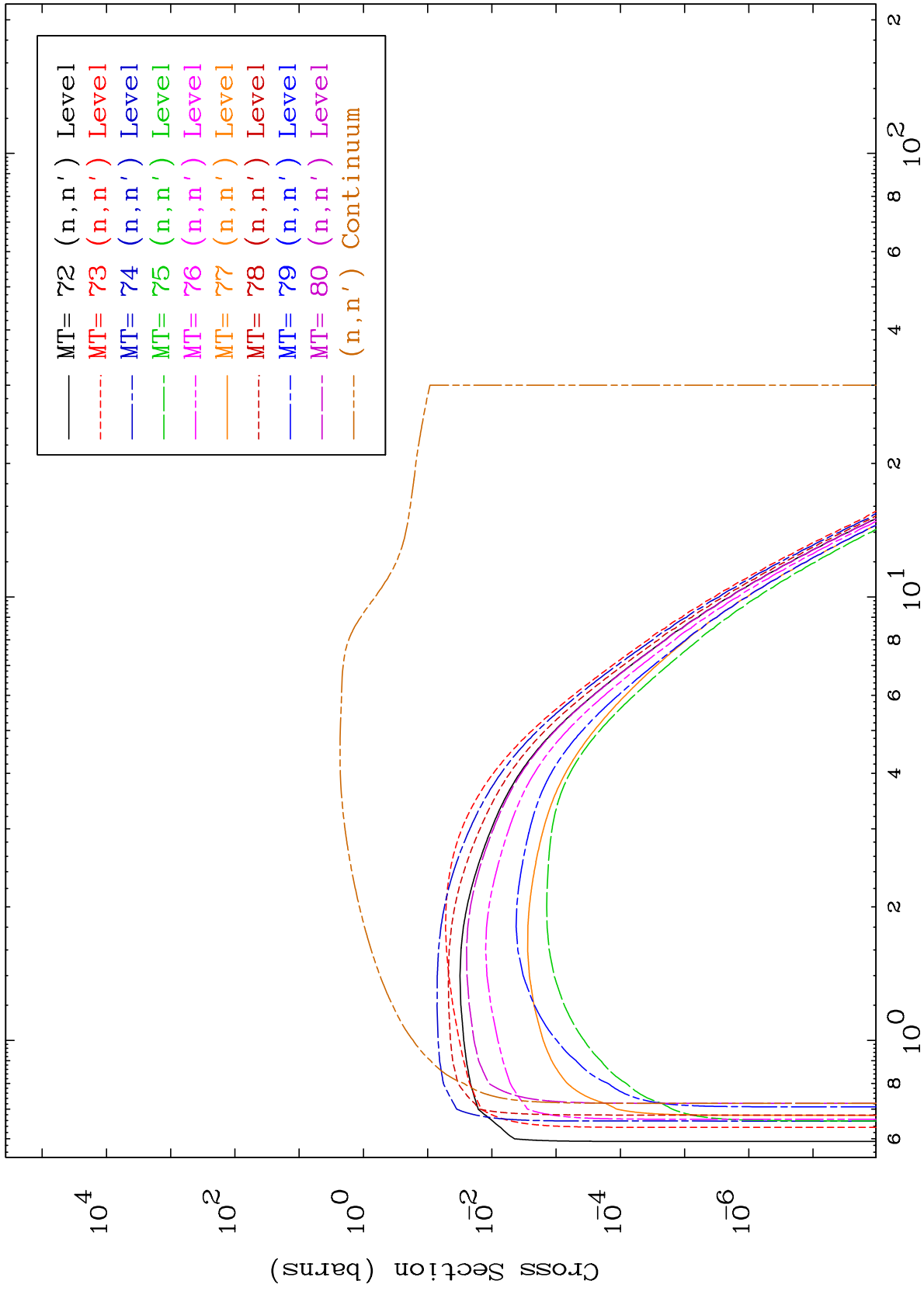
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,n') Level
293 Kelvin Cross Sections

55-Cs-136



9

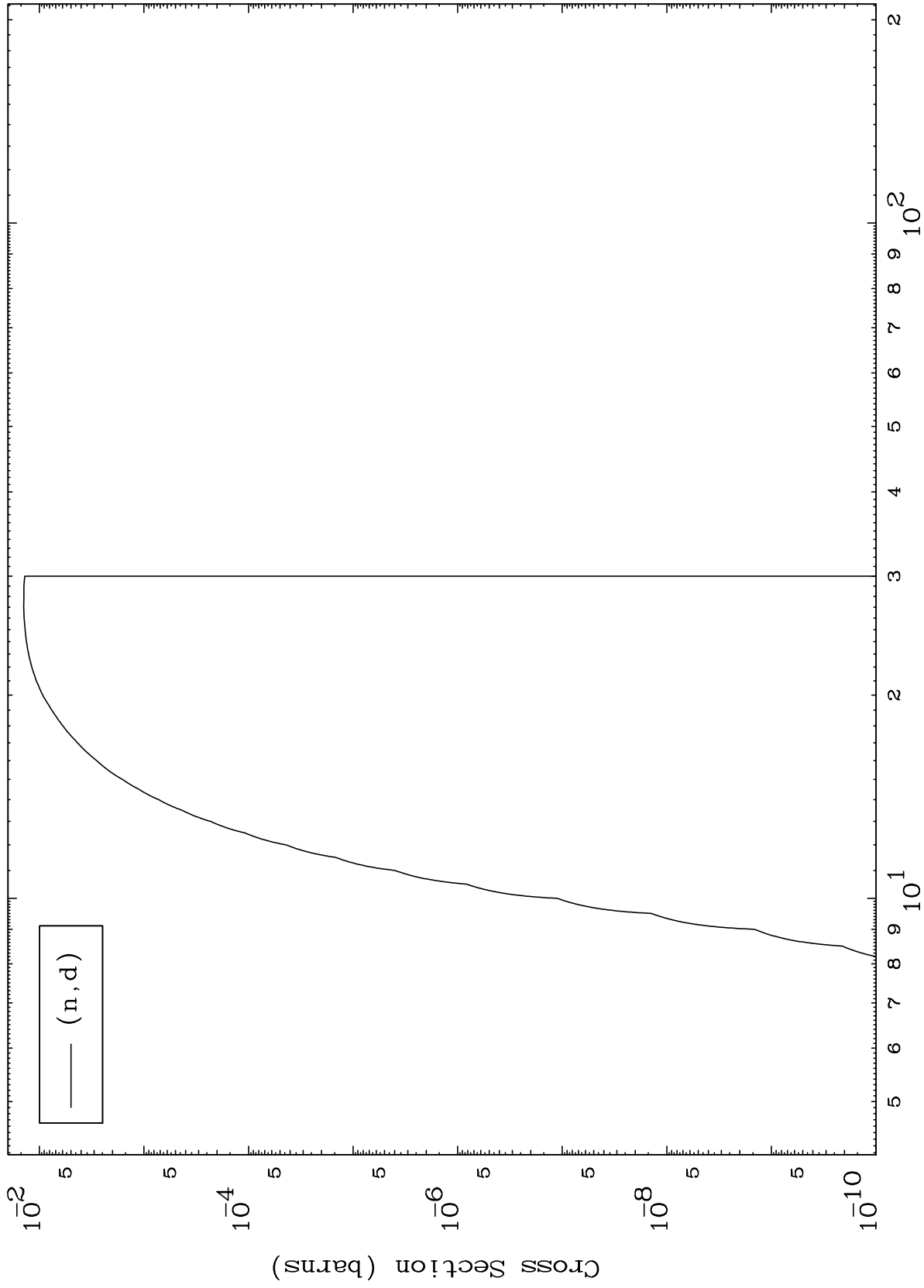
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-136



11

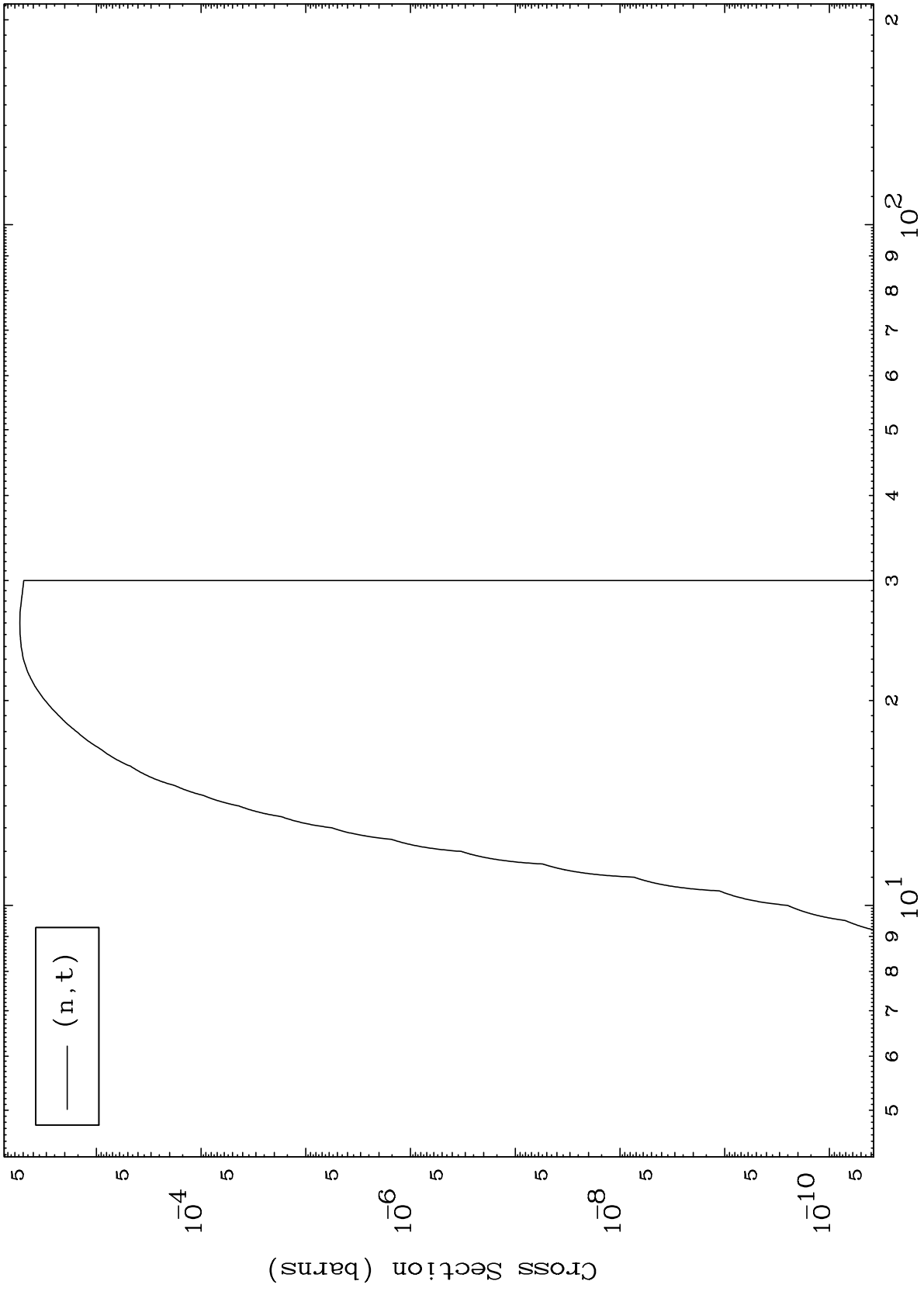
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-136



12

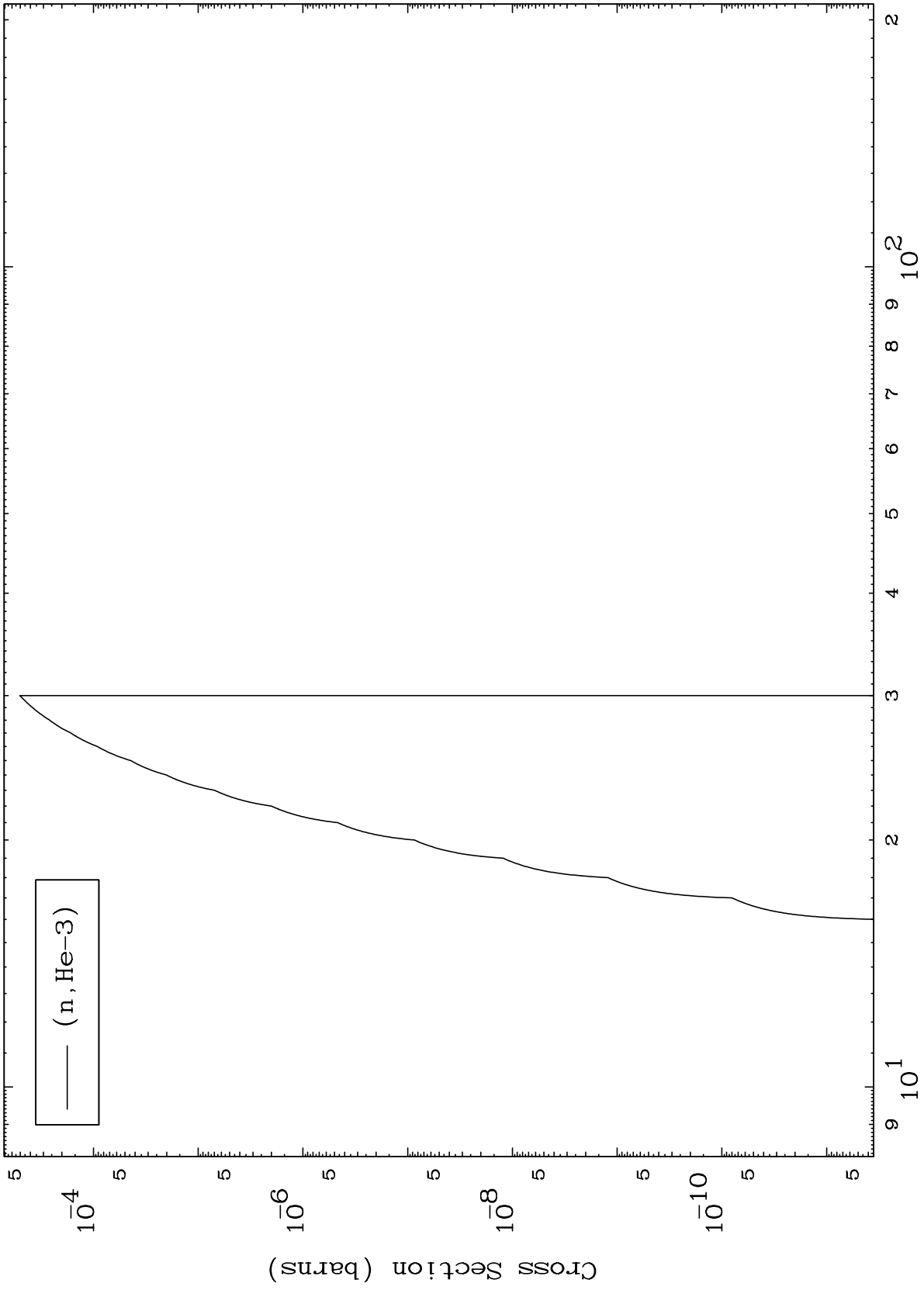
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-136



13

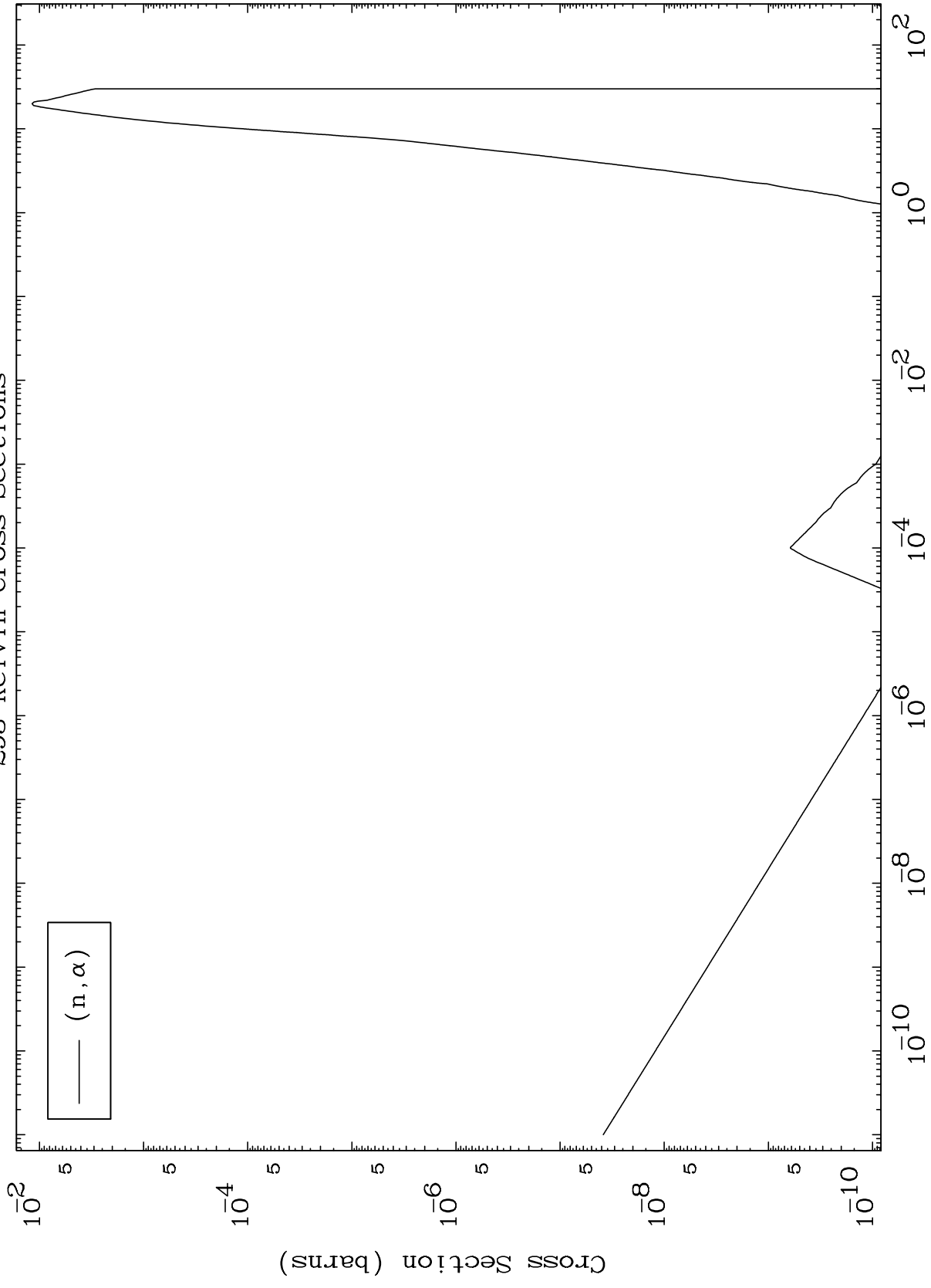
Incident Energy (MeV)

55-Cs-136

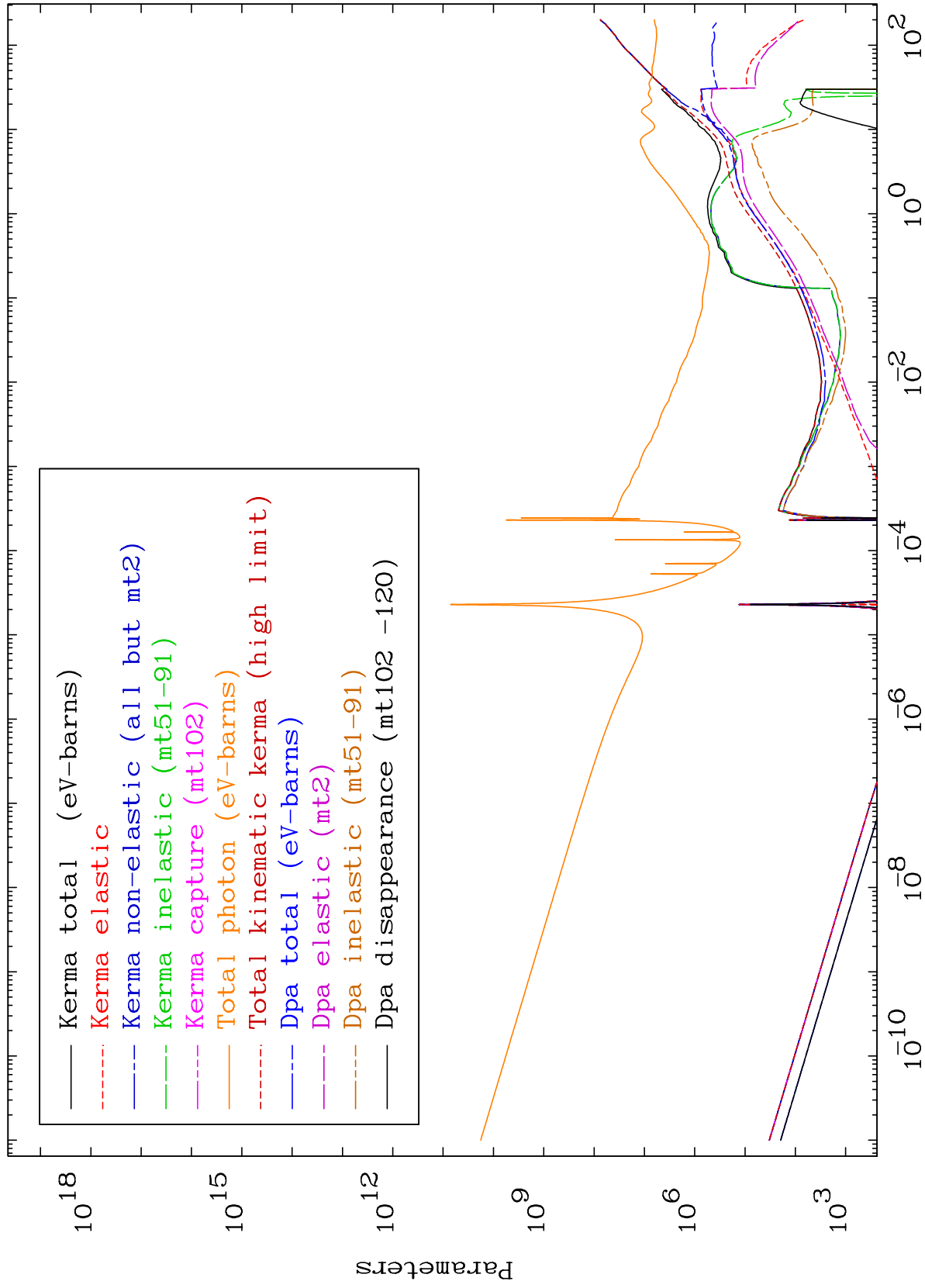
MAT 5535

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-136



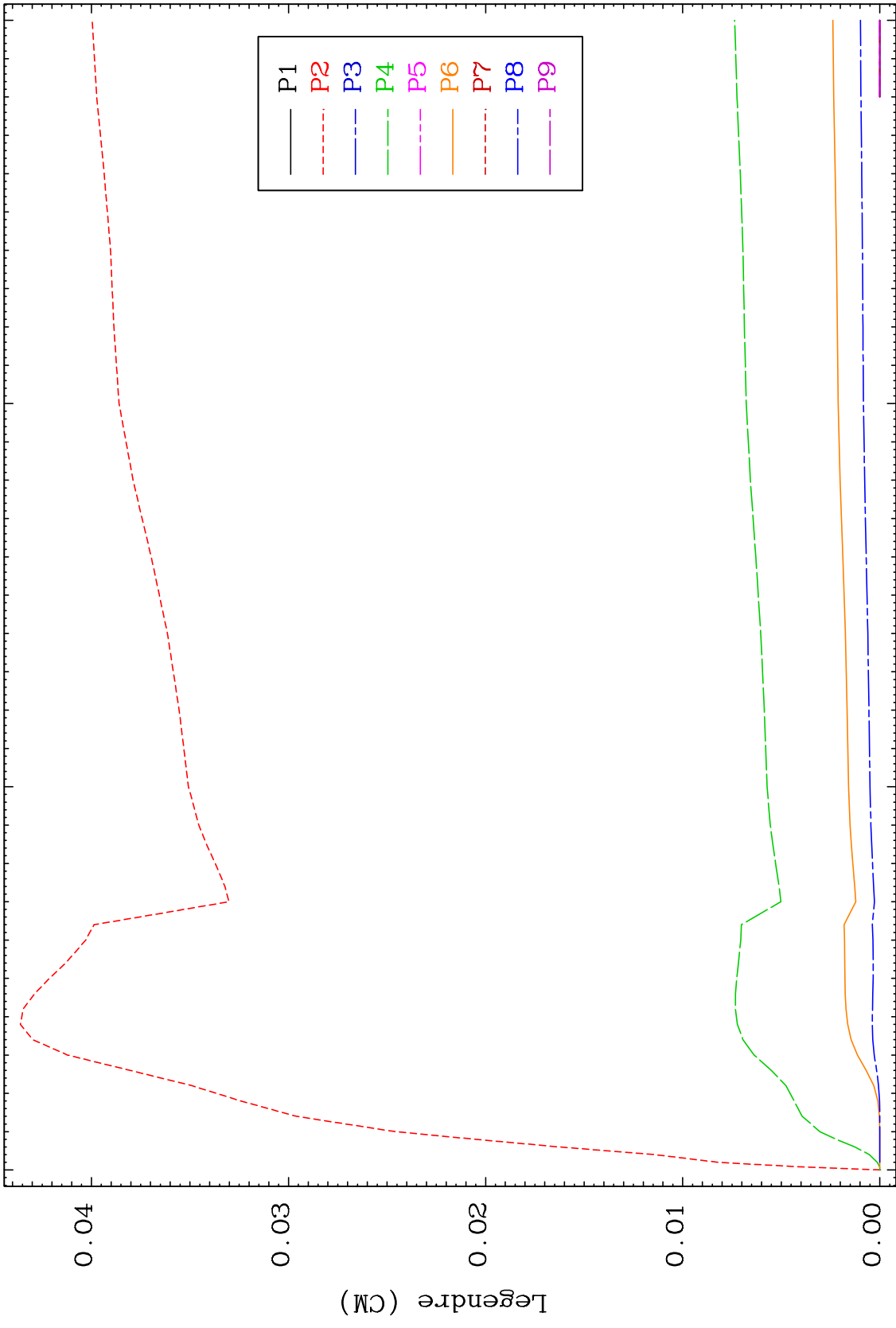
55-Cs-136



MAT 5535

Elastic Legendre Coefficients

55-Cs-136



55-Cs-136

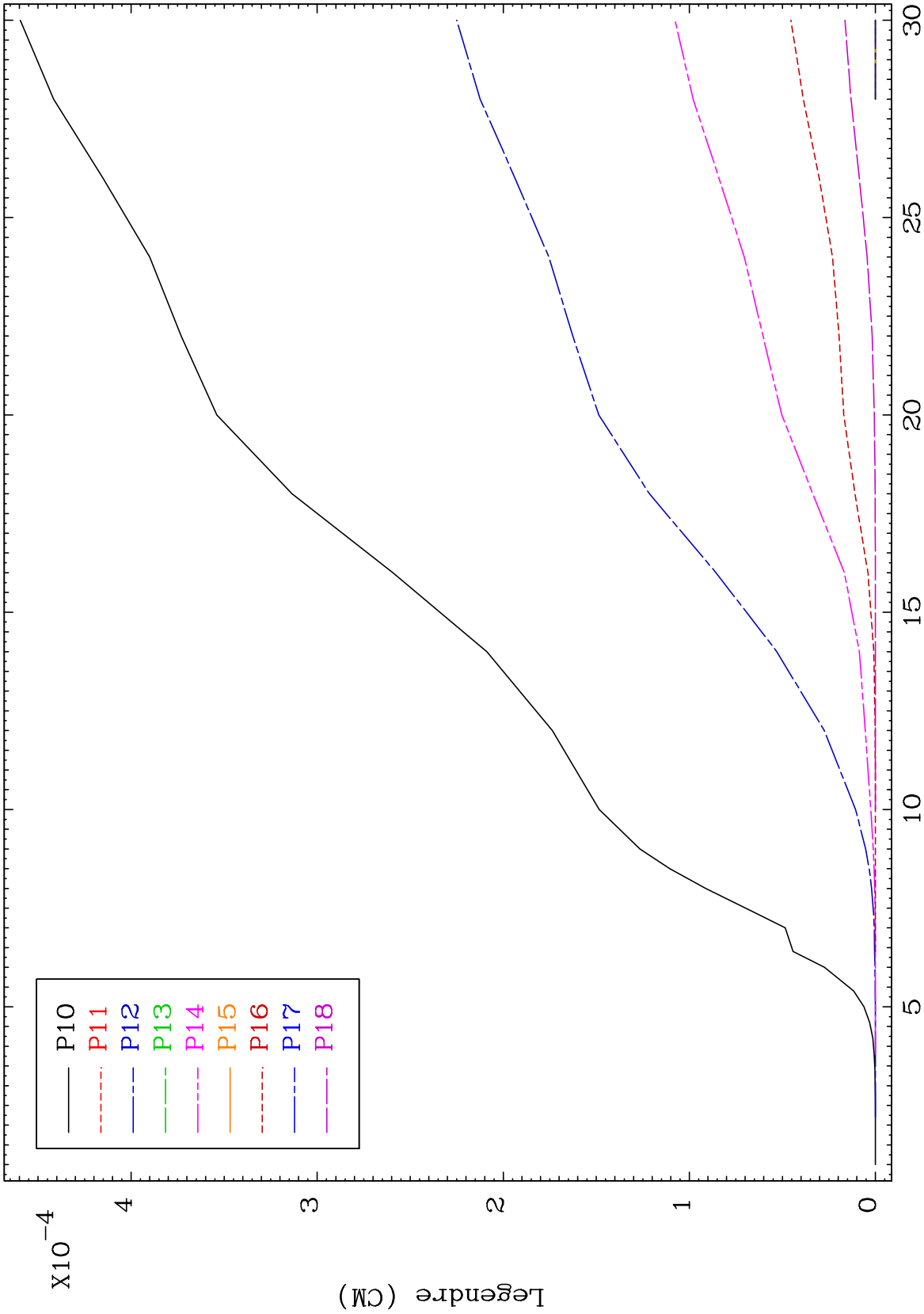
Incident Energy (MeV)

16

MAT 5535

Elastic Legendre Coefficients

55-Cs-136



17

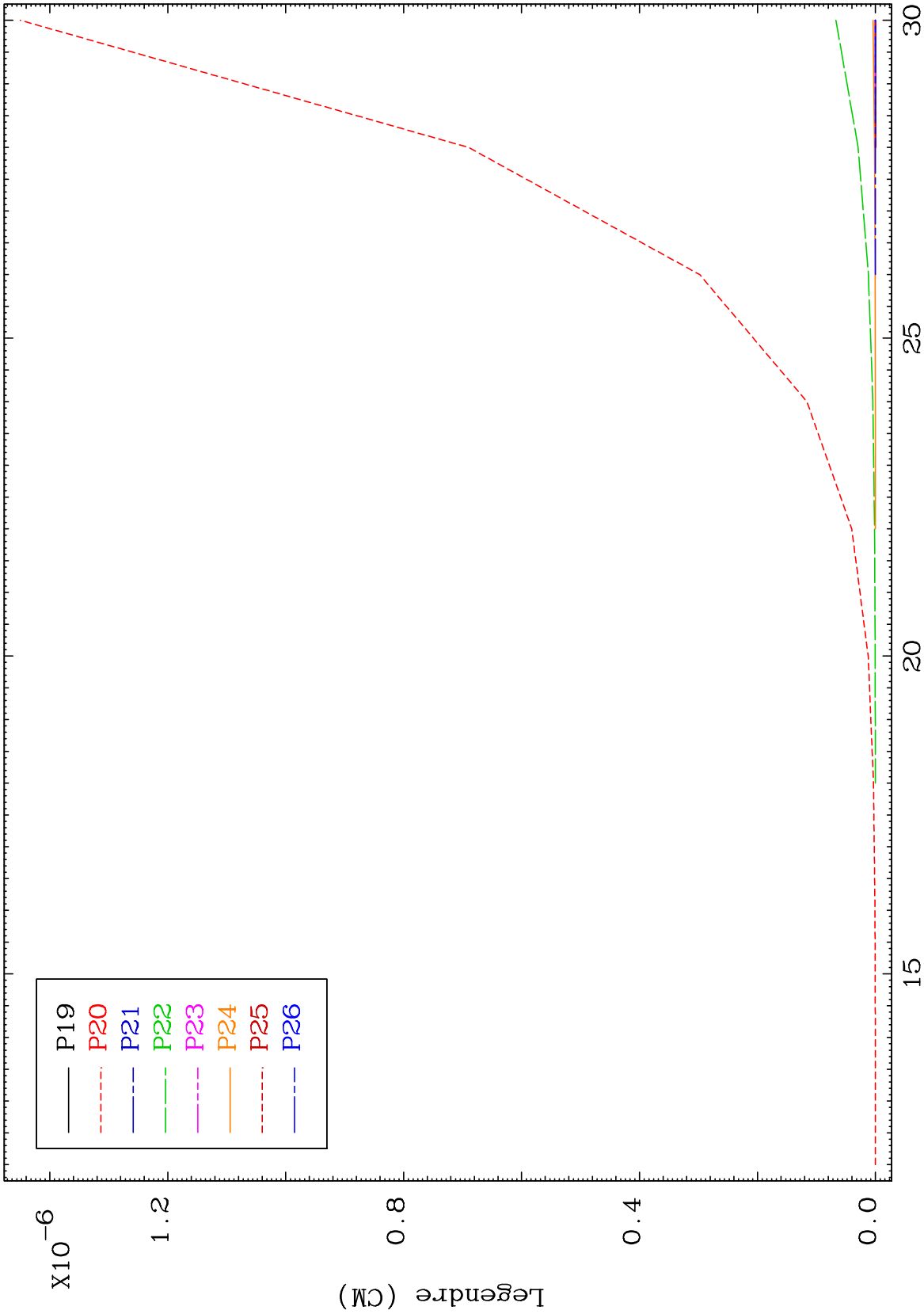
Incident Energy (MeV)

55-Cs-136

MAT 5535

Elastic Legendre Coefficients

55-Cs-136



18

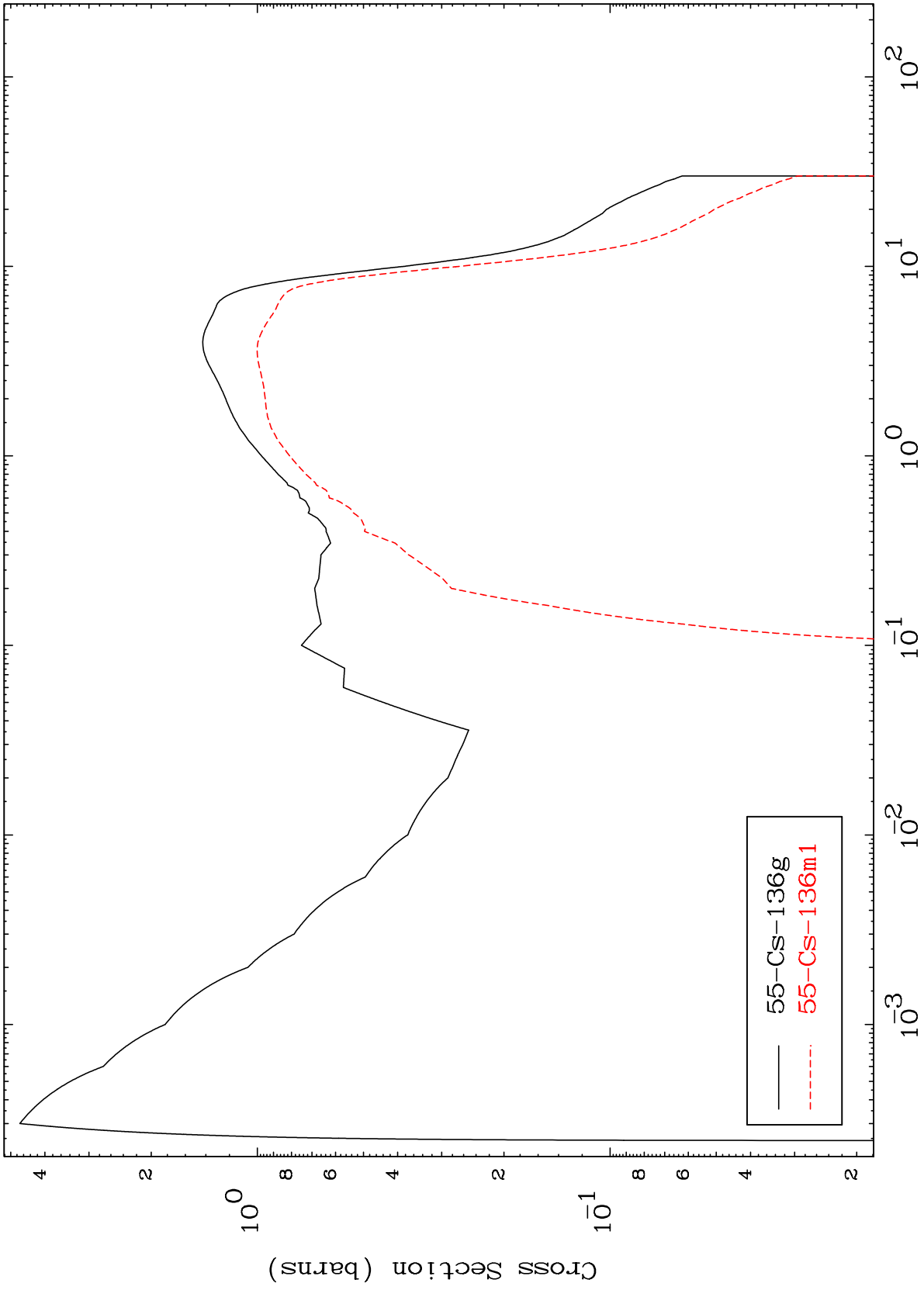
Incident Energy (MeV)

55-Cs-136

MAT 5535

Inelastic
Radionuclide Production Cross Section

55-Cs-136



19

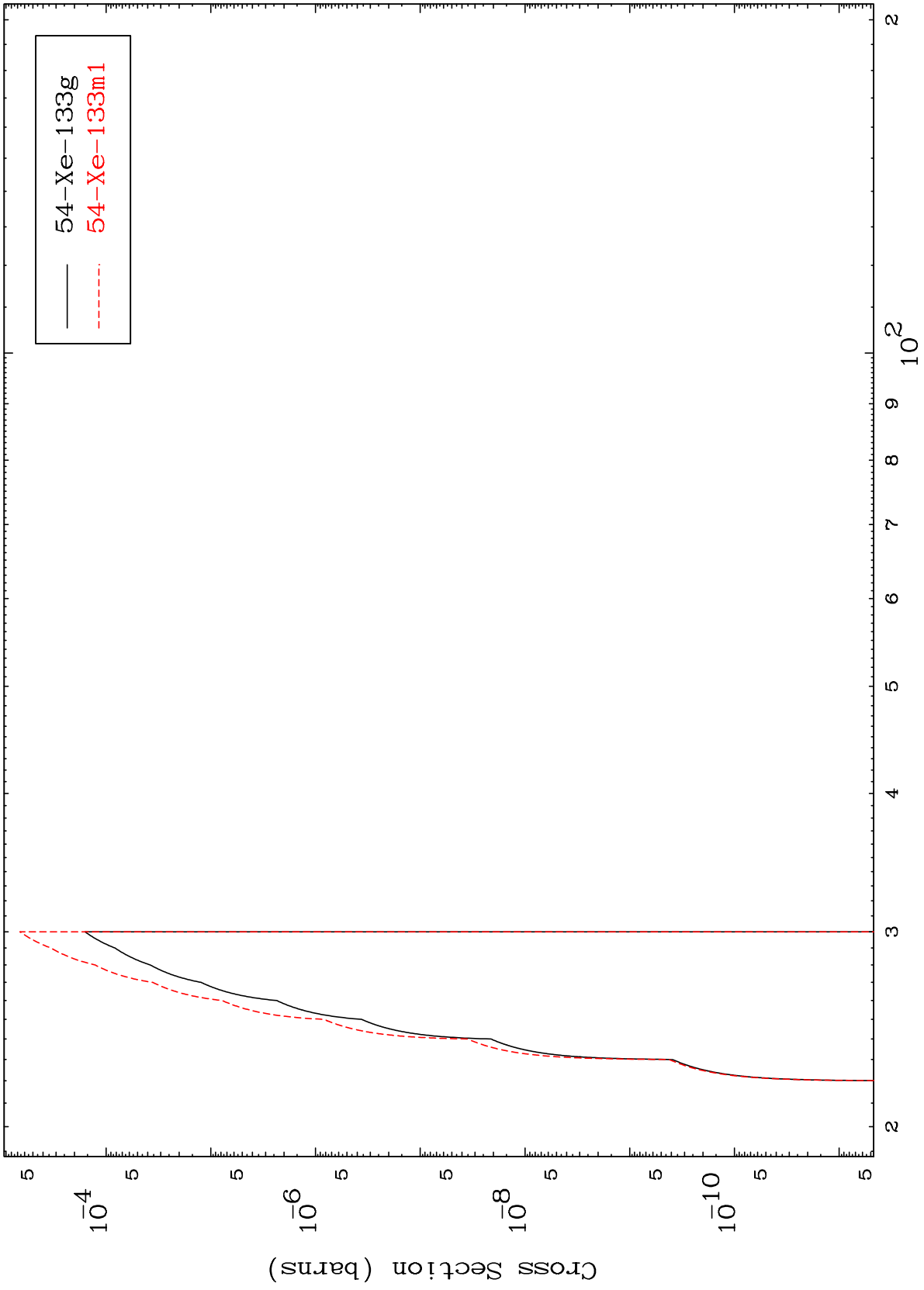
55-Cs-136

MAT 5535

(n,2n) d

55-Cs-136

Radionuclide Production Cross Section



20

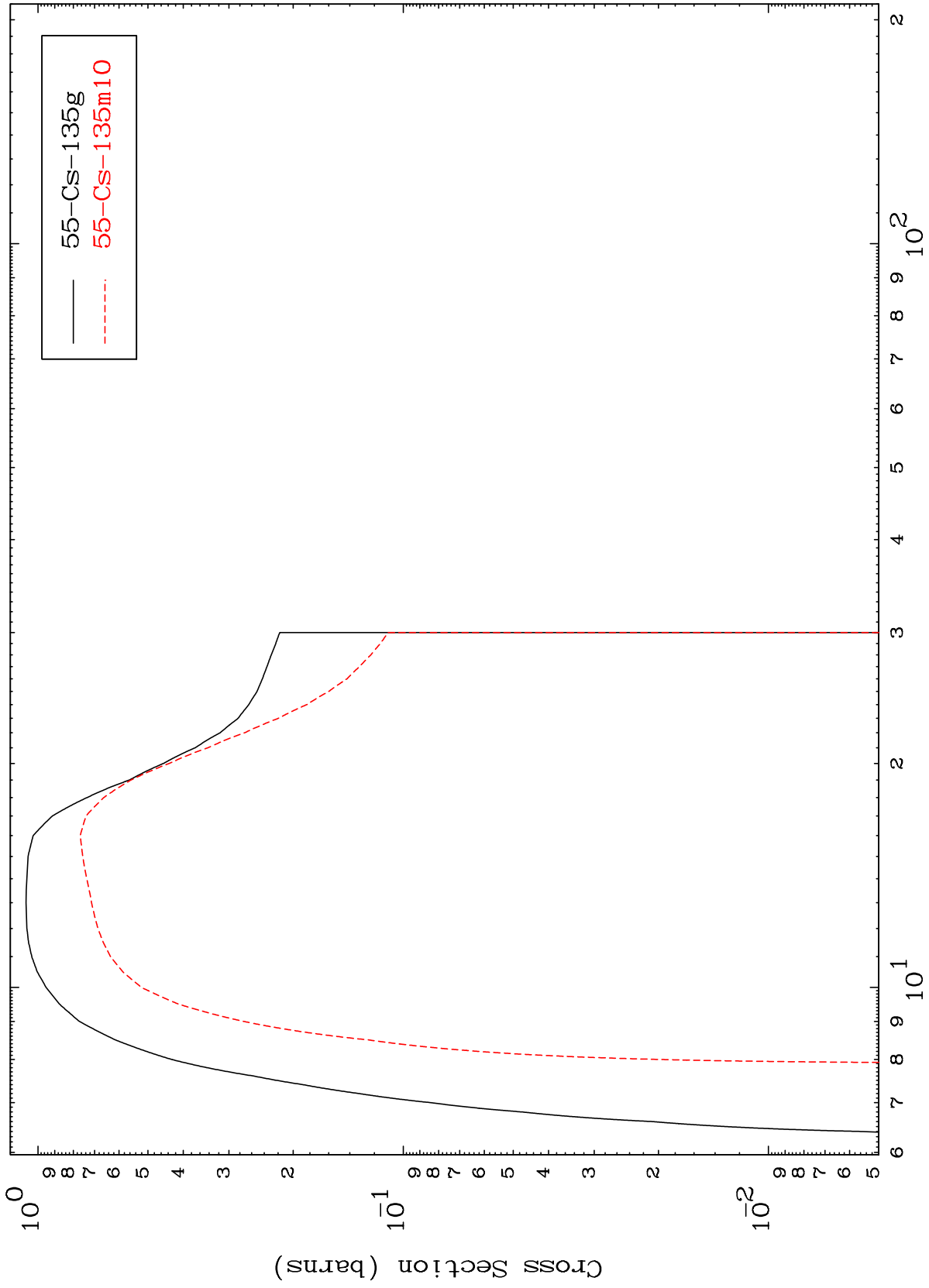
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(n,2n)
Radionuclide Production Cross Section



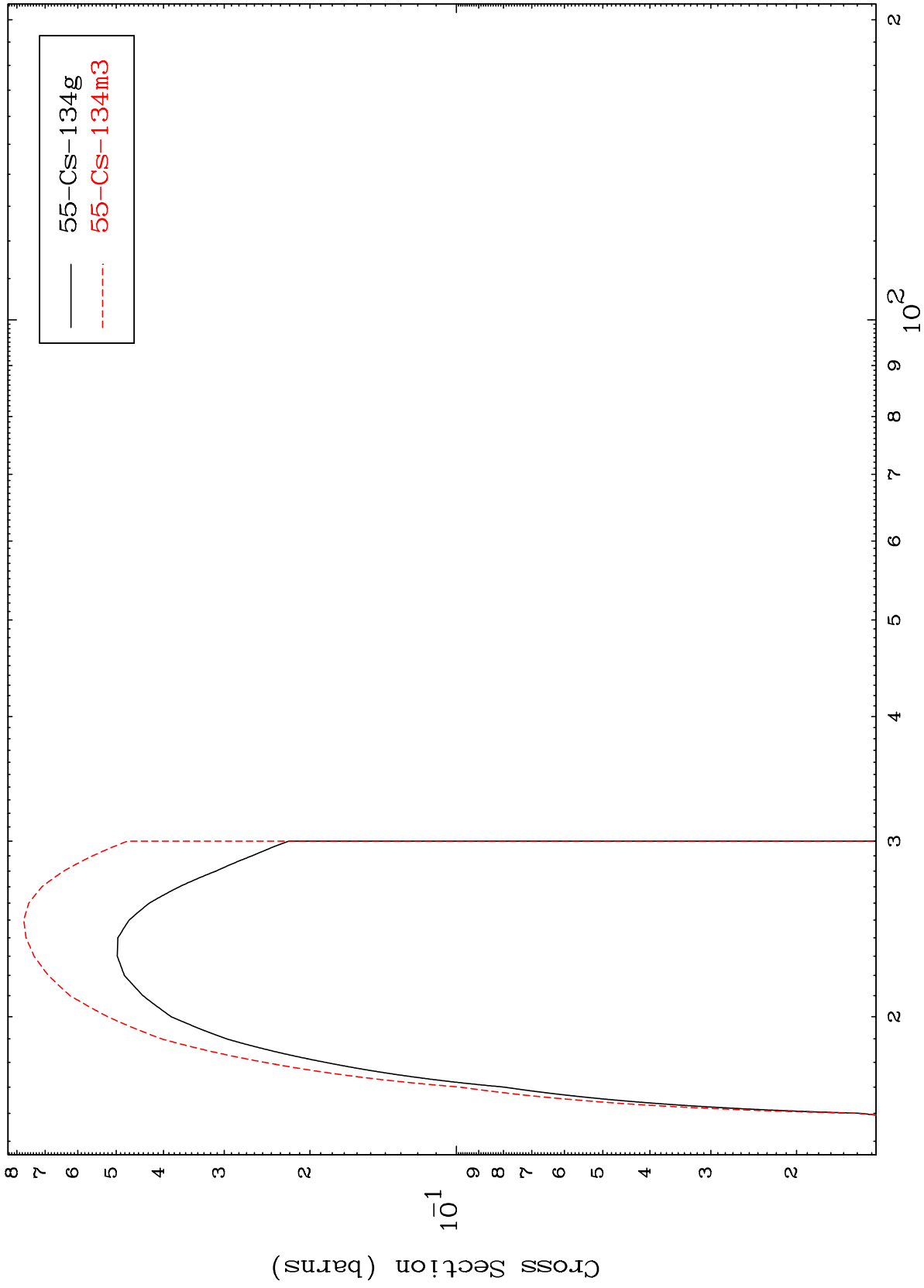
21

55-Cs-136

MAT 5535

55-Cs-136

(n,3n)
Radionuclide Production Cross Section



22

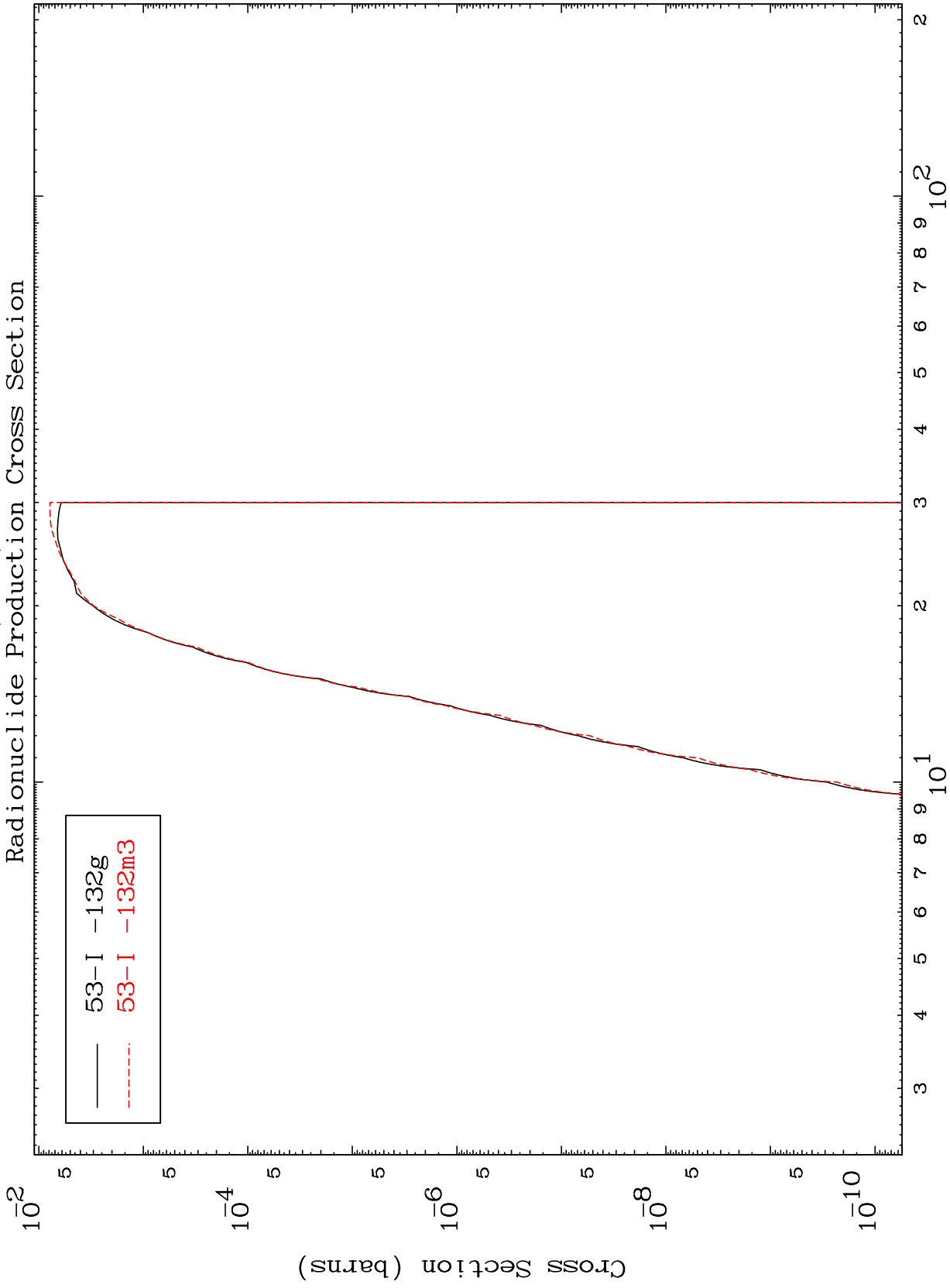
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(n,n') α
Radionuclide Production Cross Section



23

55-Cs-136

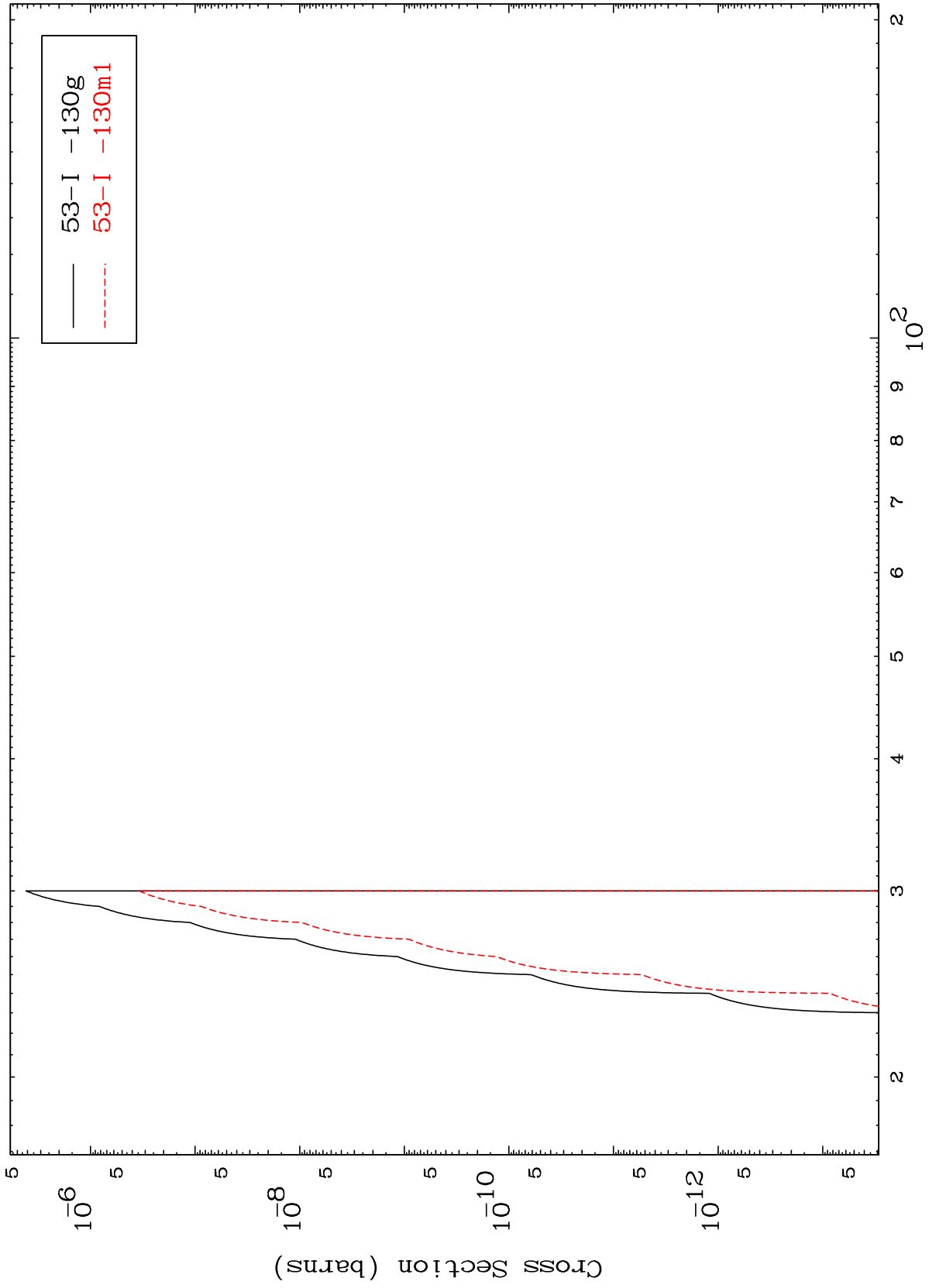
Incident Energy (MeV)

MAT 5535

(n,3n) α

55-Cs-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

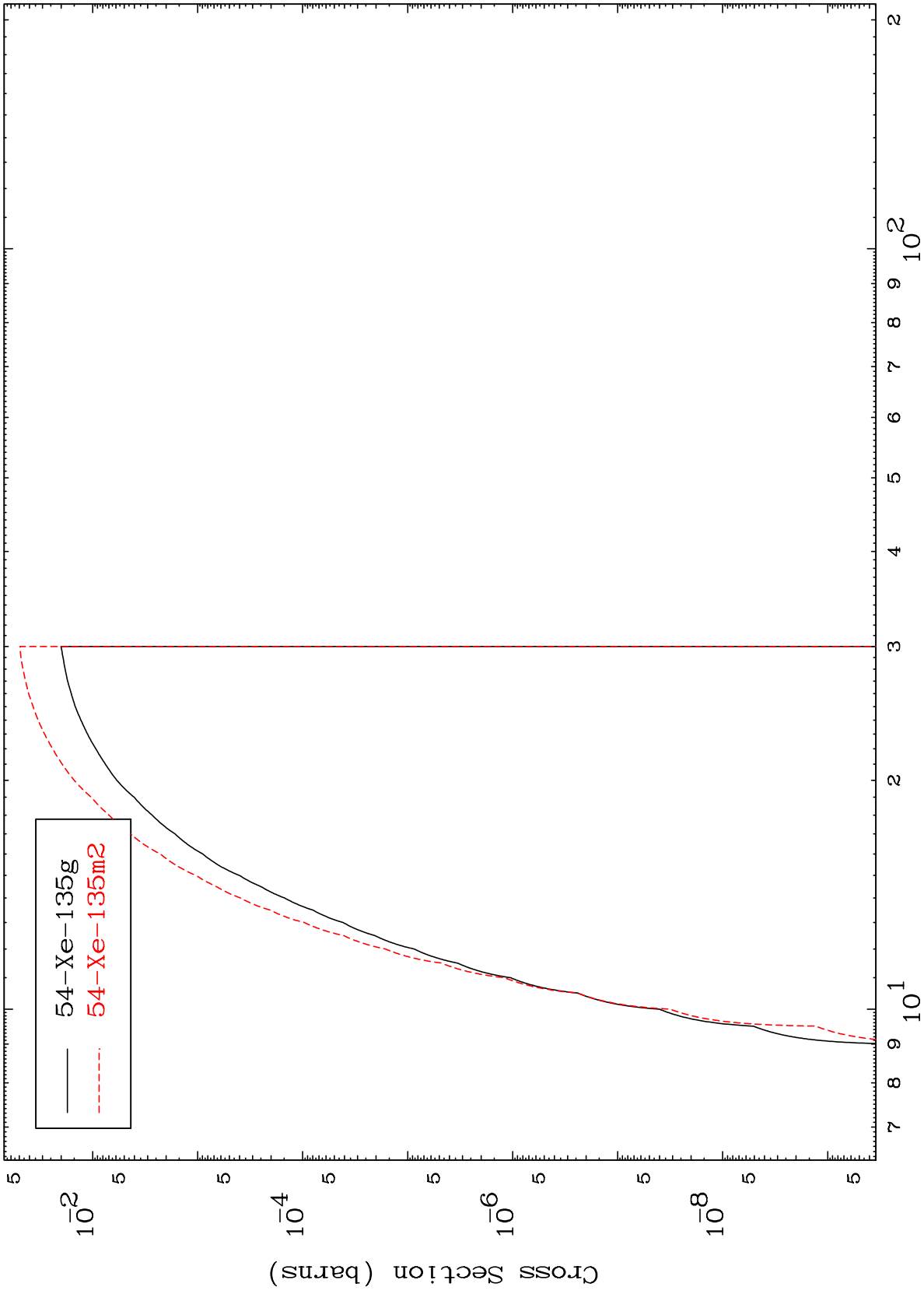
55-Cs-136

MAT 5535

(n,n') p

55-Cs-136

Radionuclide Production Cross Section



25

Incident Energy (MeV)

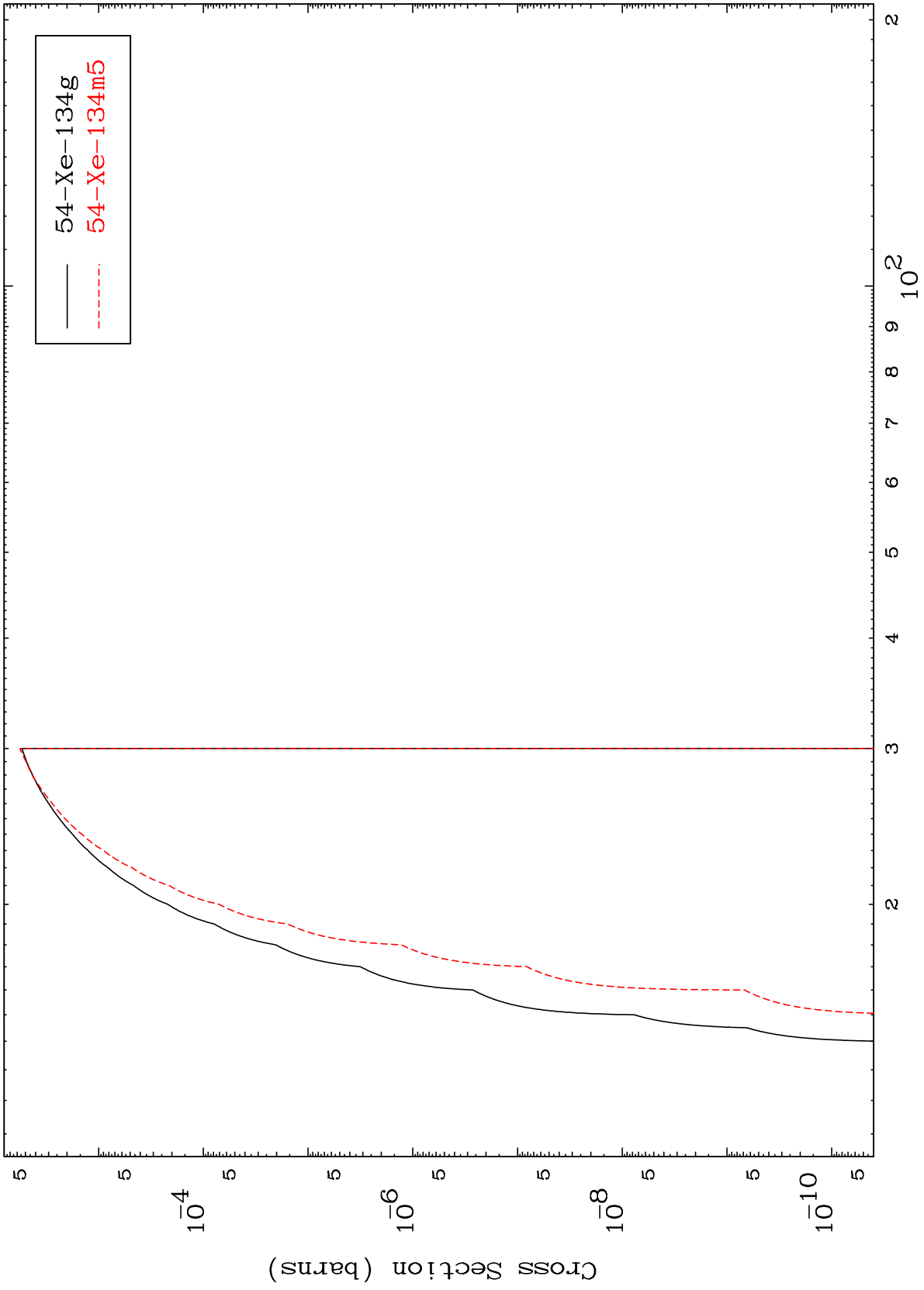
55-Cs-136

MAT 5535

(n,n') d

55-Cs-136

Radionuclide Production Cross Section



26

Incident Energy (MeV)

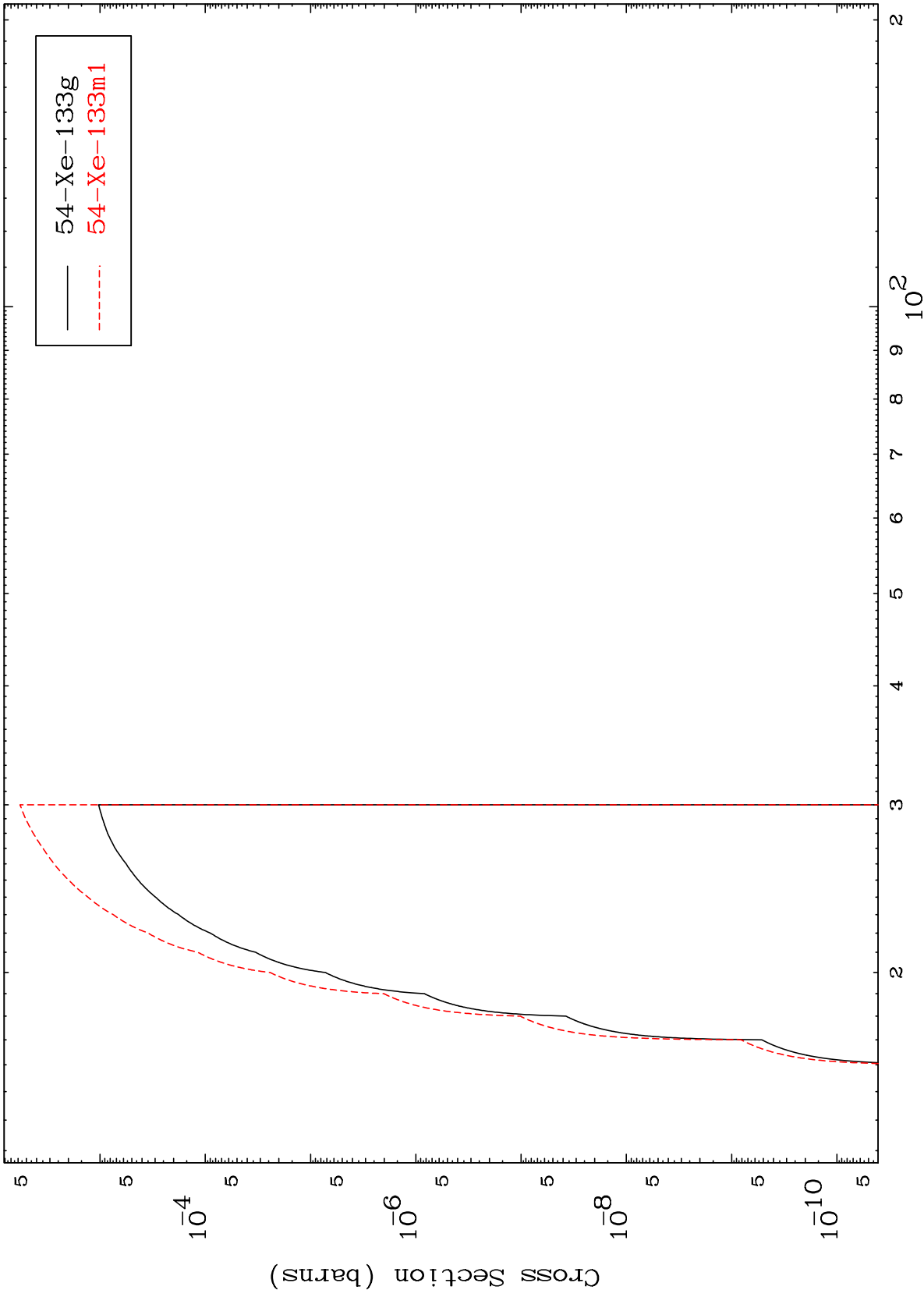
55-Cs-136

MAT 5535

(n,n') t

55-Cs-136

Radionuclide Production Cross Section



27

Incident Energy (MeV)

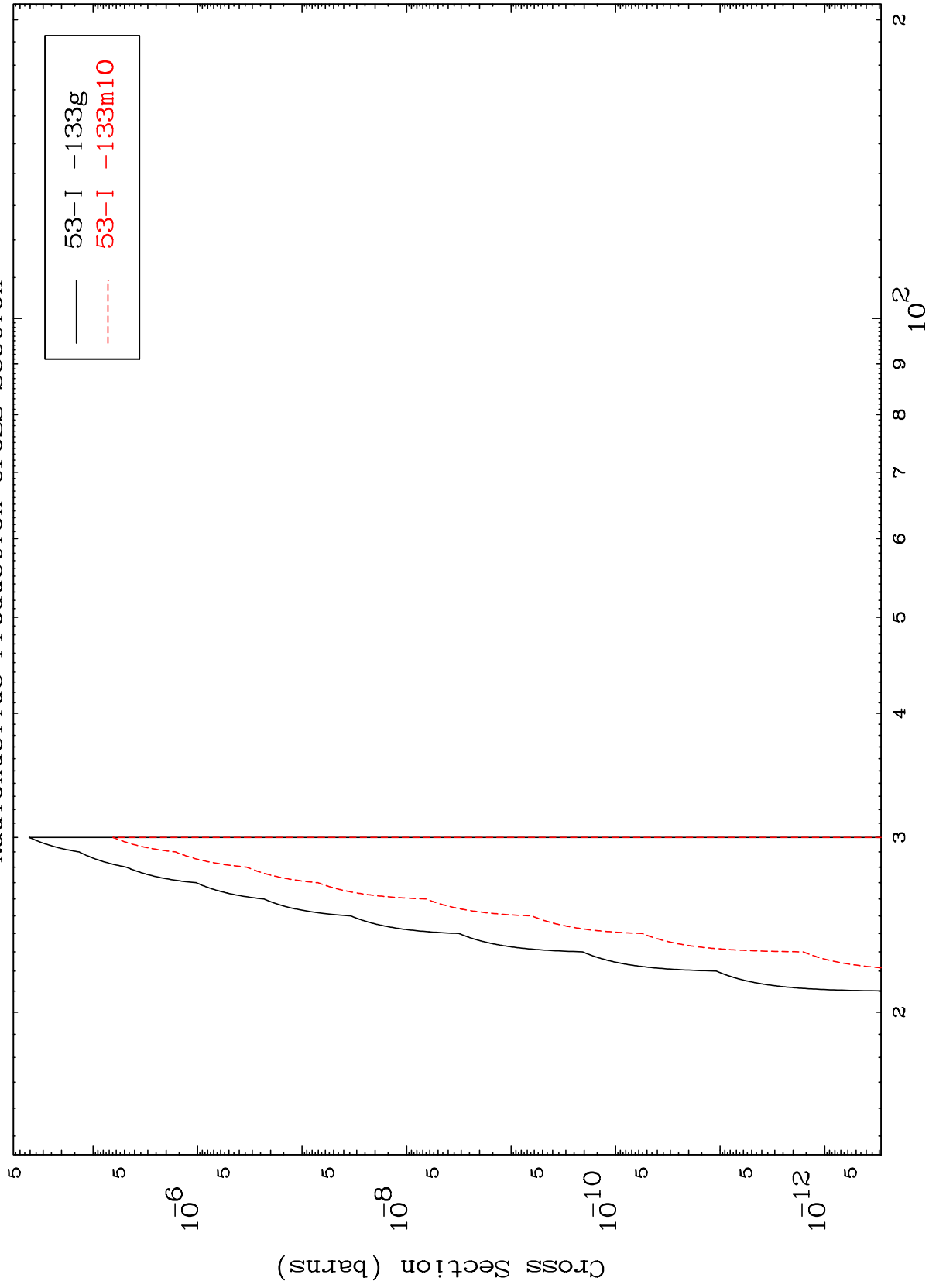
55-Cs-136

MAT 5535

(n, n') He-3

55-Cs-136

Radionuclide Production Cross Section



28

Incident Energy (MeV)

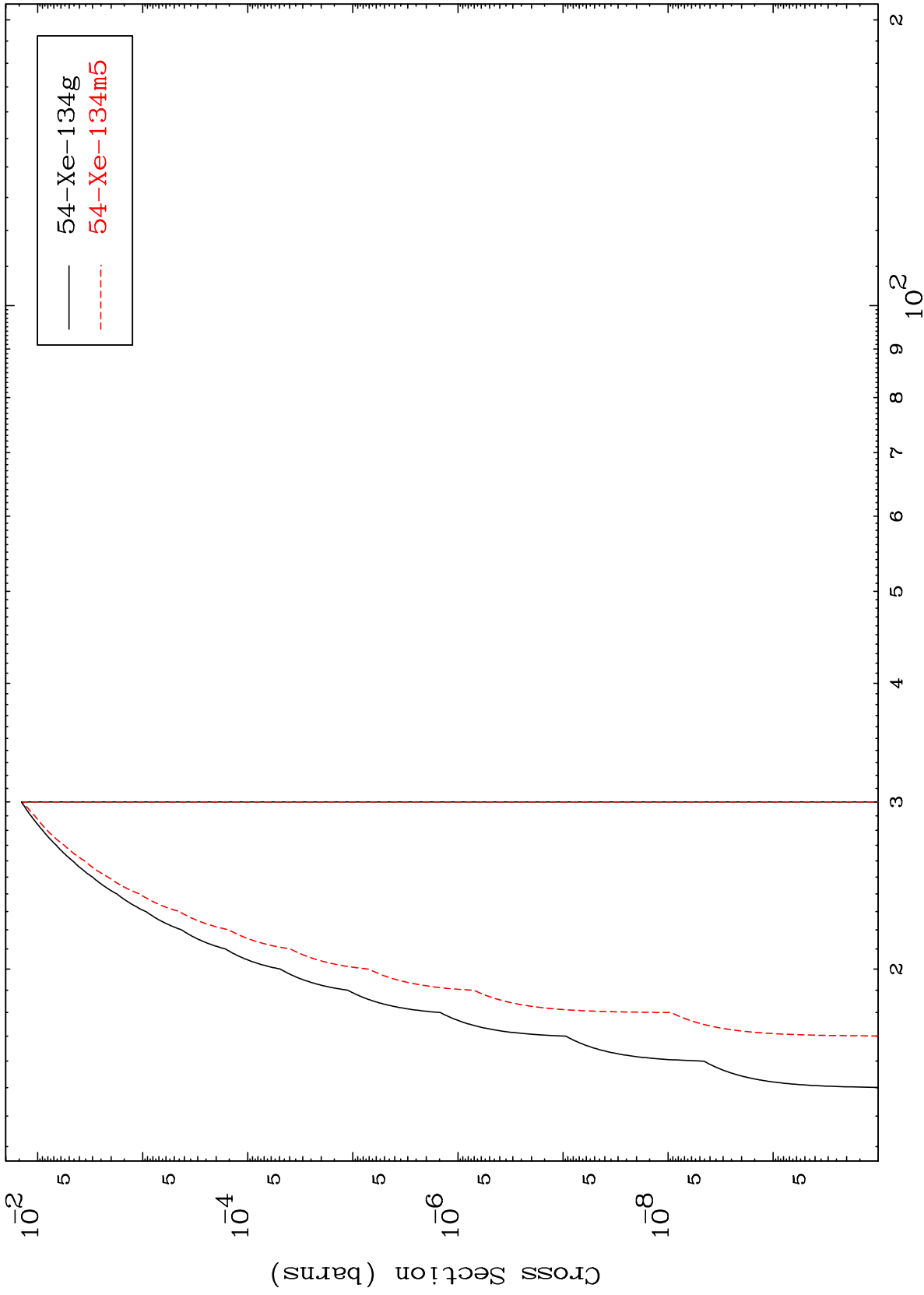
55-Cs-136

MAT 5535

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



29

Incident Energy (MeV)

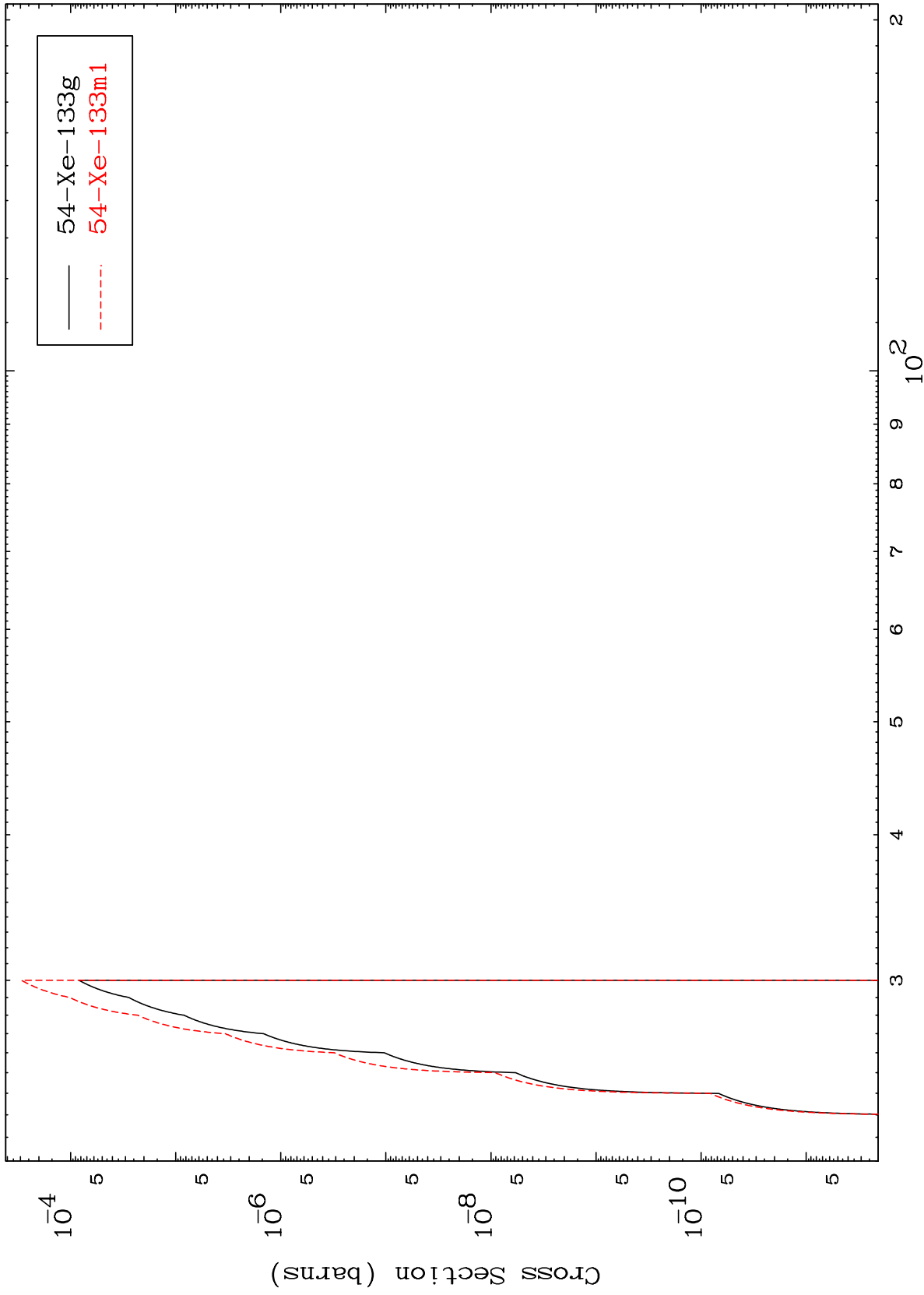
55-Cs-136

MAT 5535

(n,3n) p

55-Cs-136

Radionuclide Production Cross Section



30

Incident Energy (MeV)

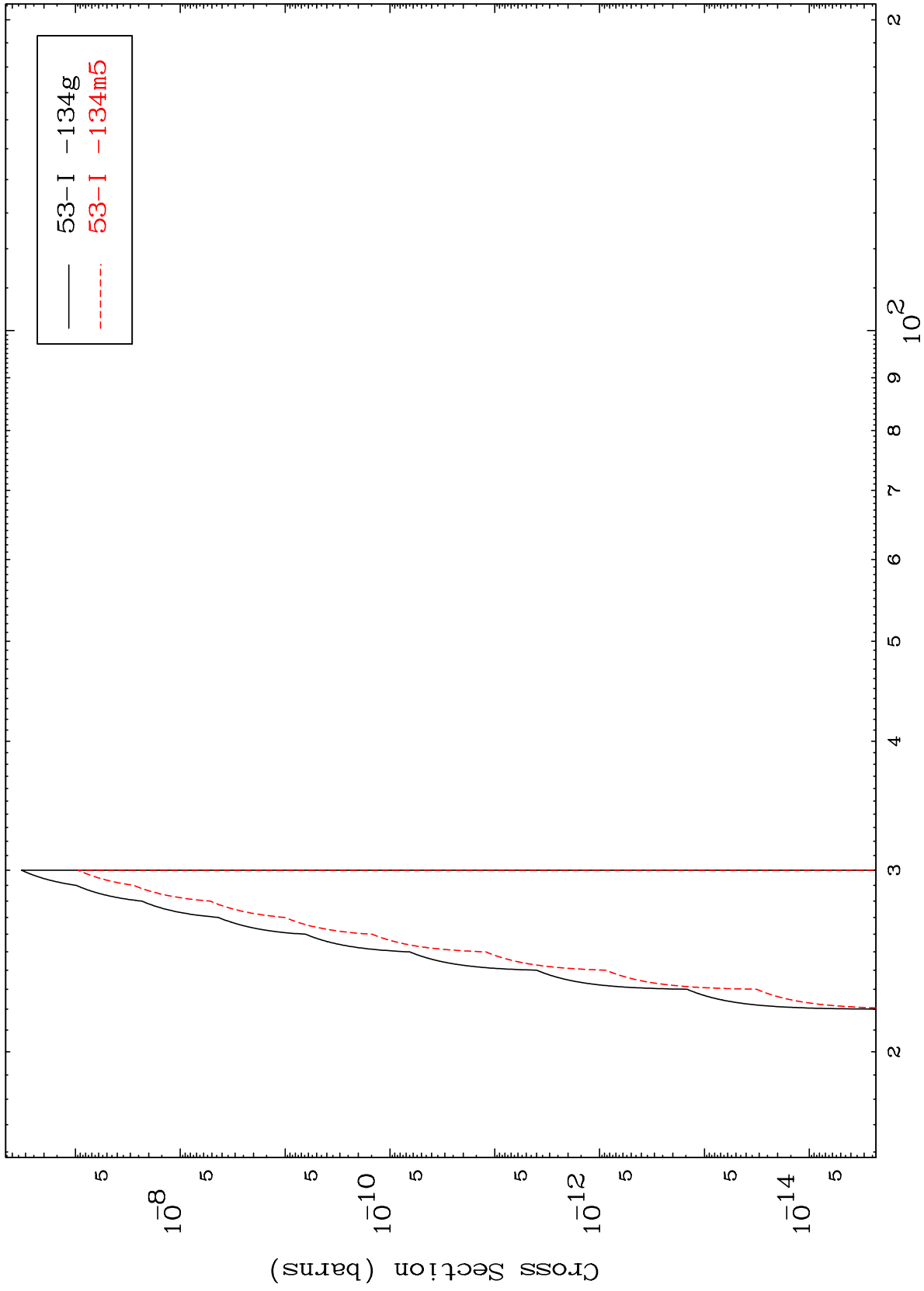
55-Cs-136

MAT 5535

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



31

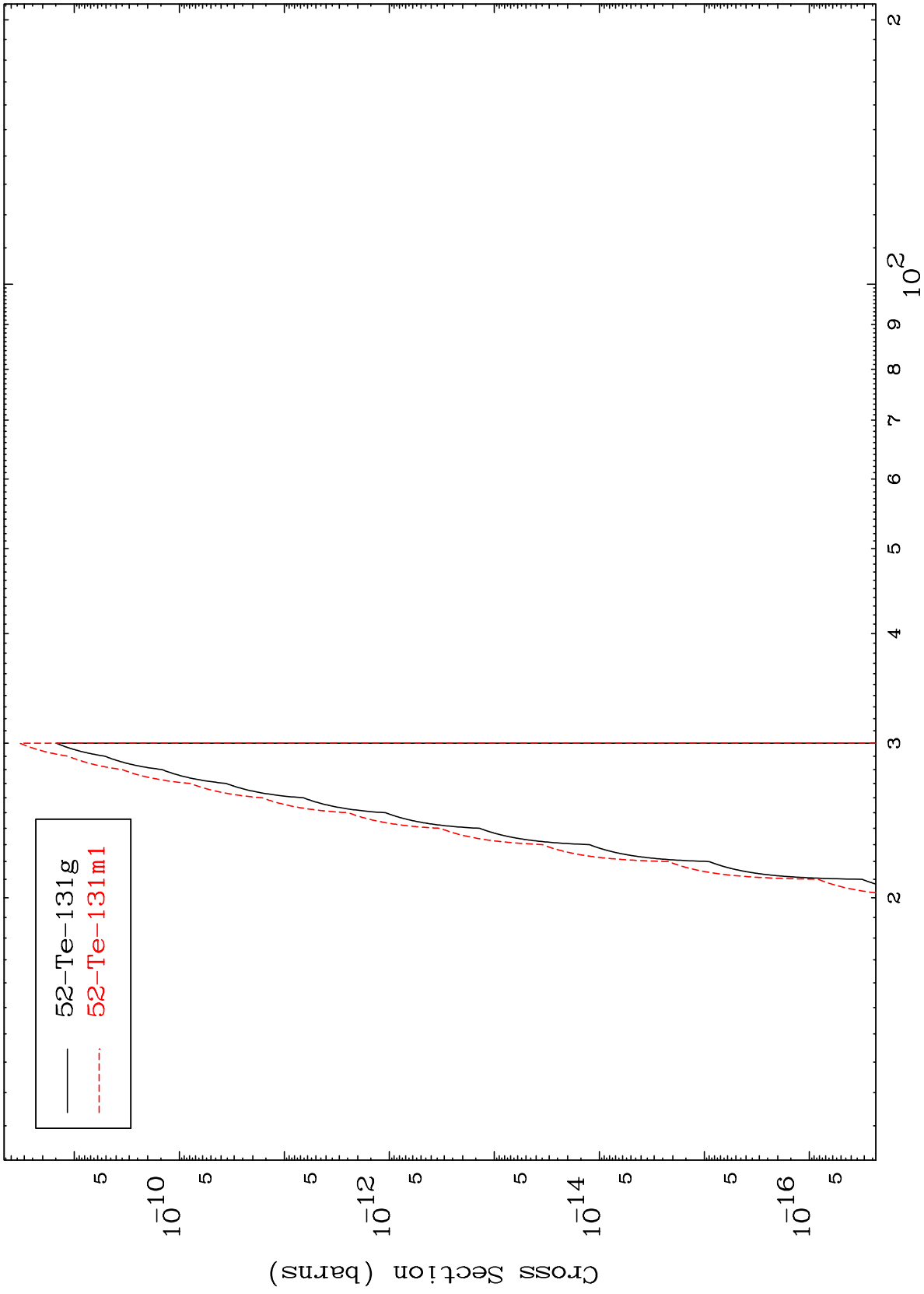
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(n,n') p α
Radionuclide Production Cross Section



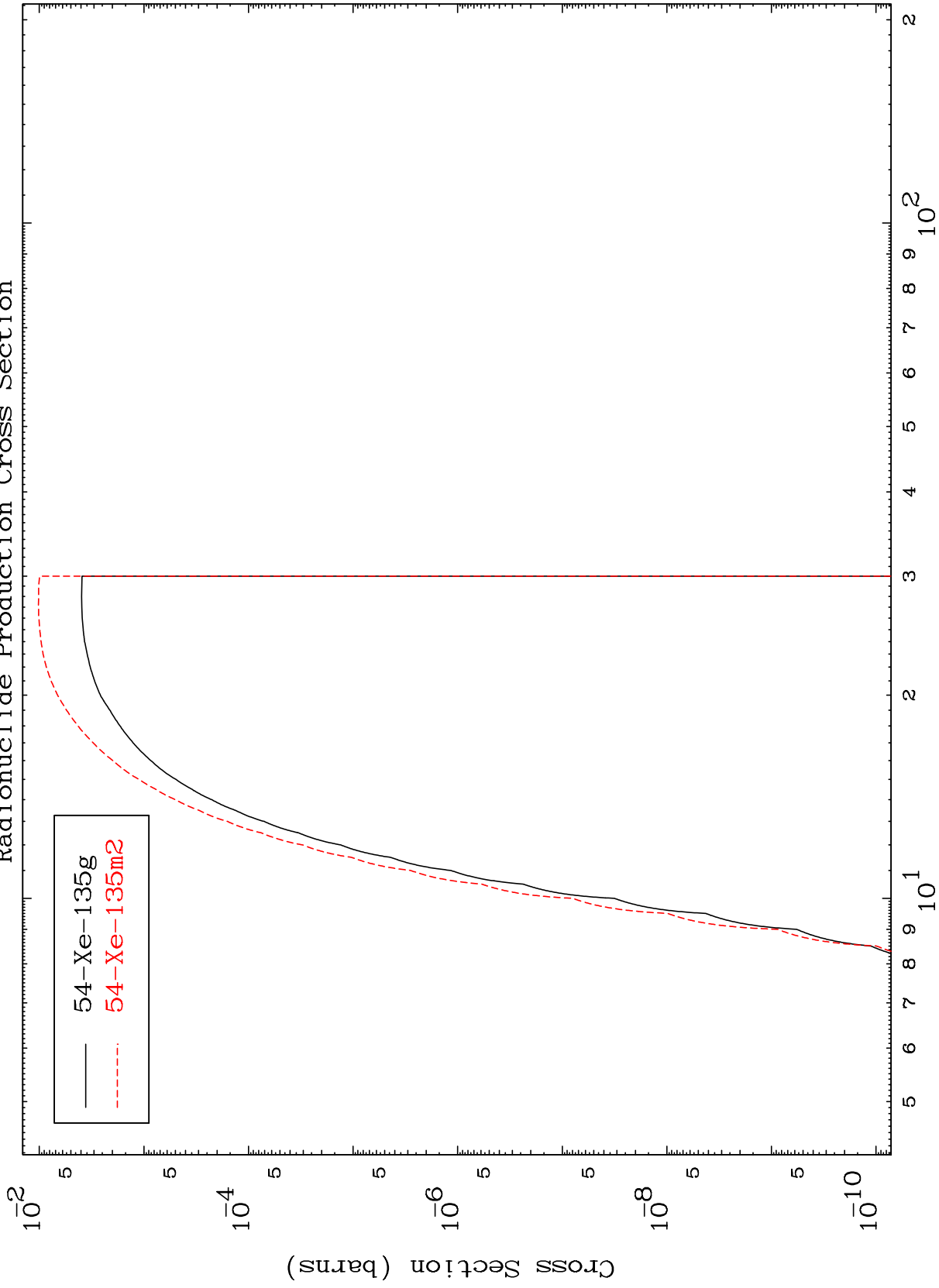
32

55-Cs-136

MAT 5535

55-Cs-136

(n,d)
Radionuclide Production Cross Section



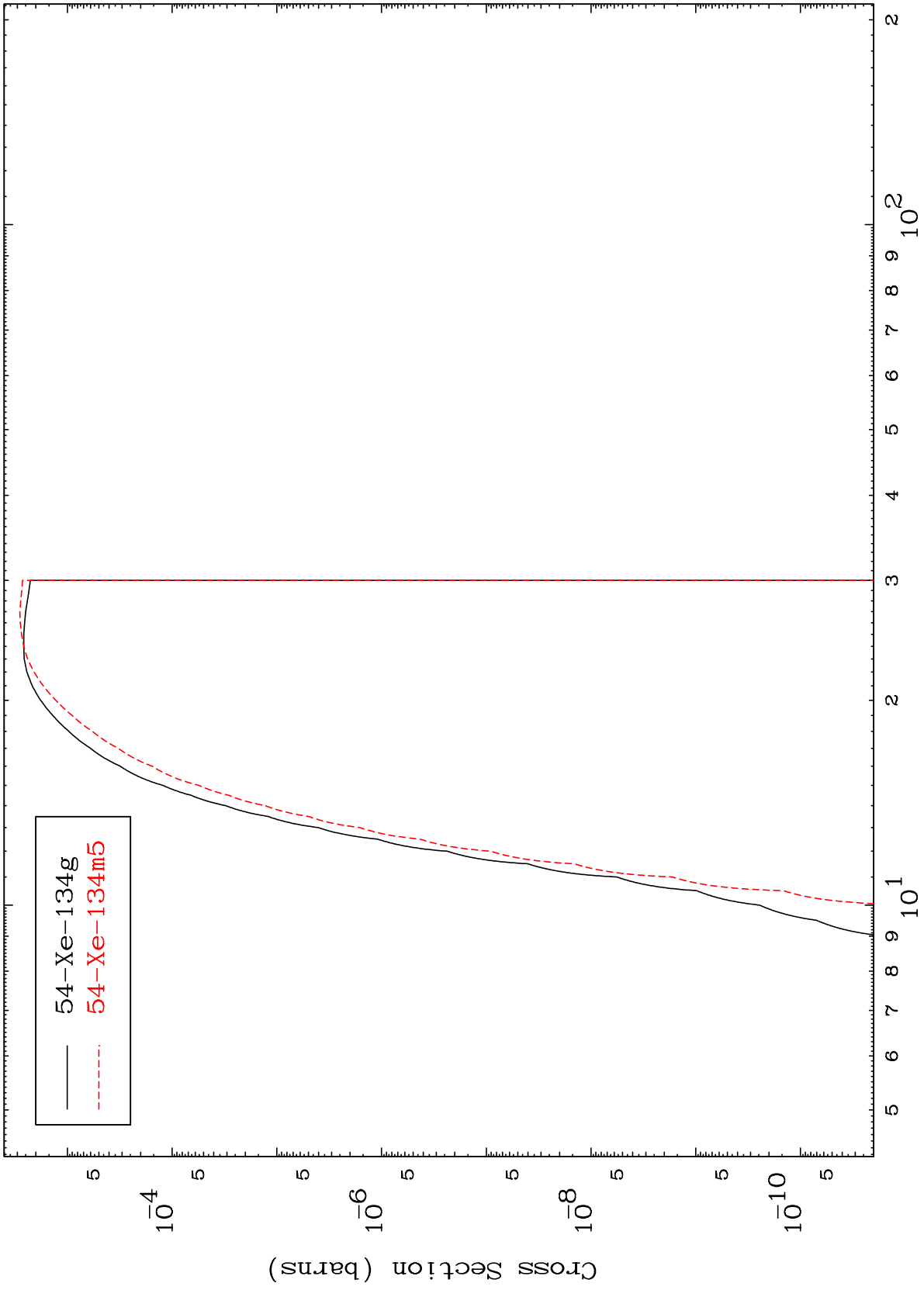
33

55-Cs-136

MAT 5535

55-Cs-136

(n, t)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

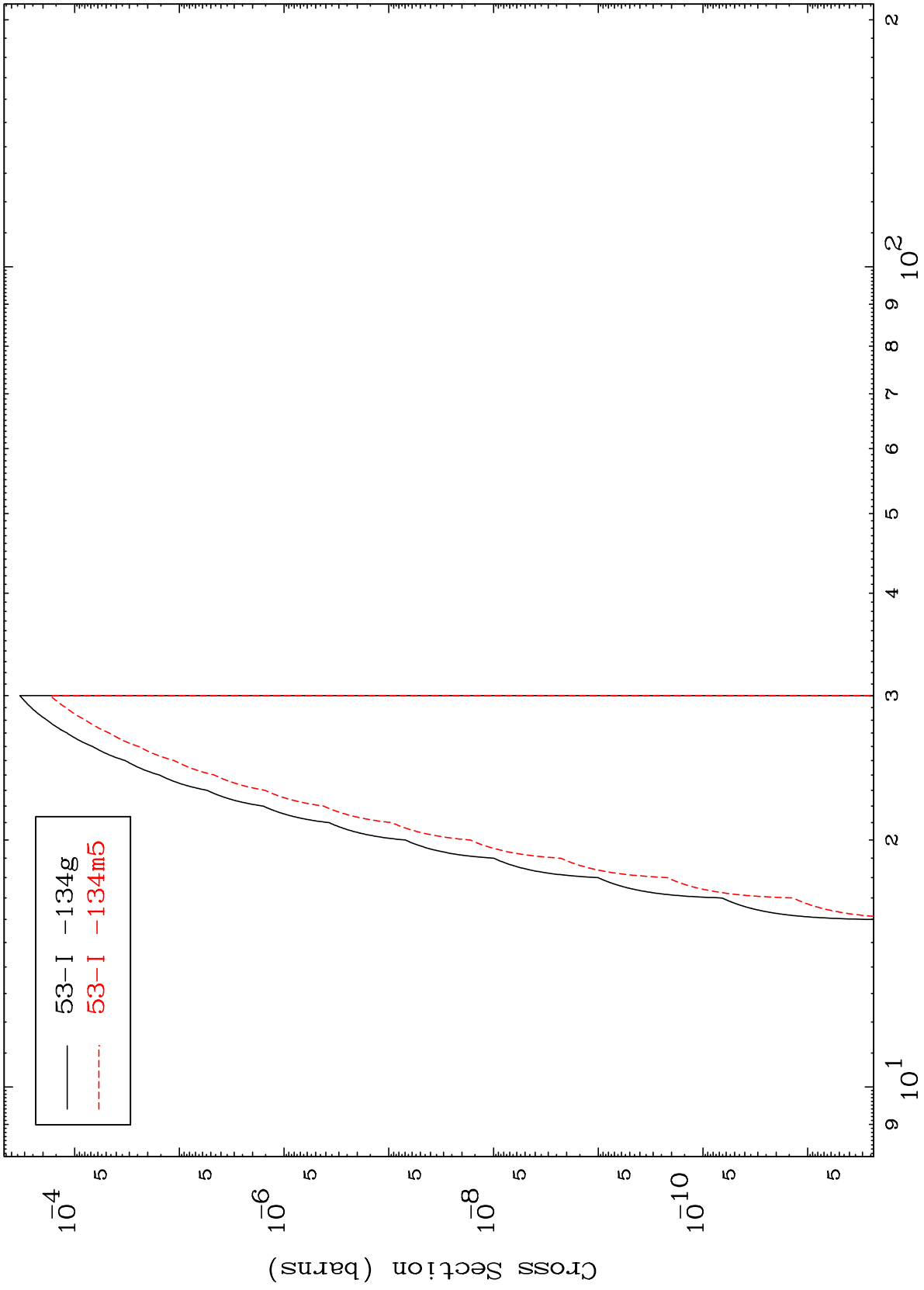
55-Cs-136

MAT 5535

(n,He-3)

55-Cs-136

Radionuclide Production Cross Section

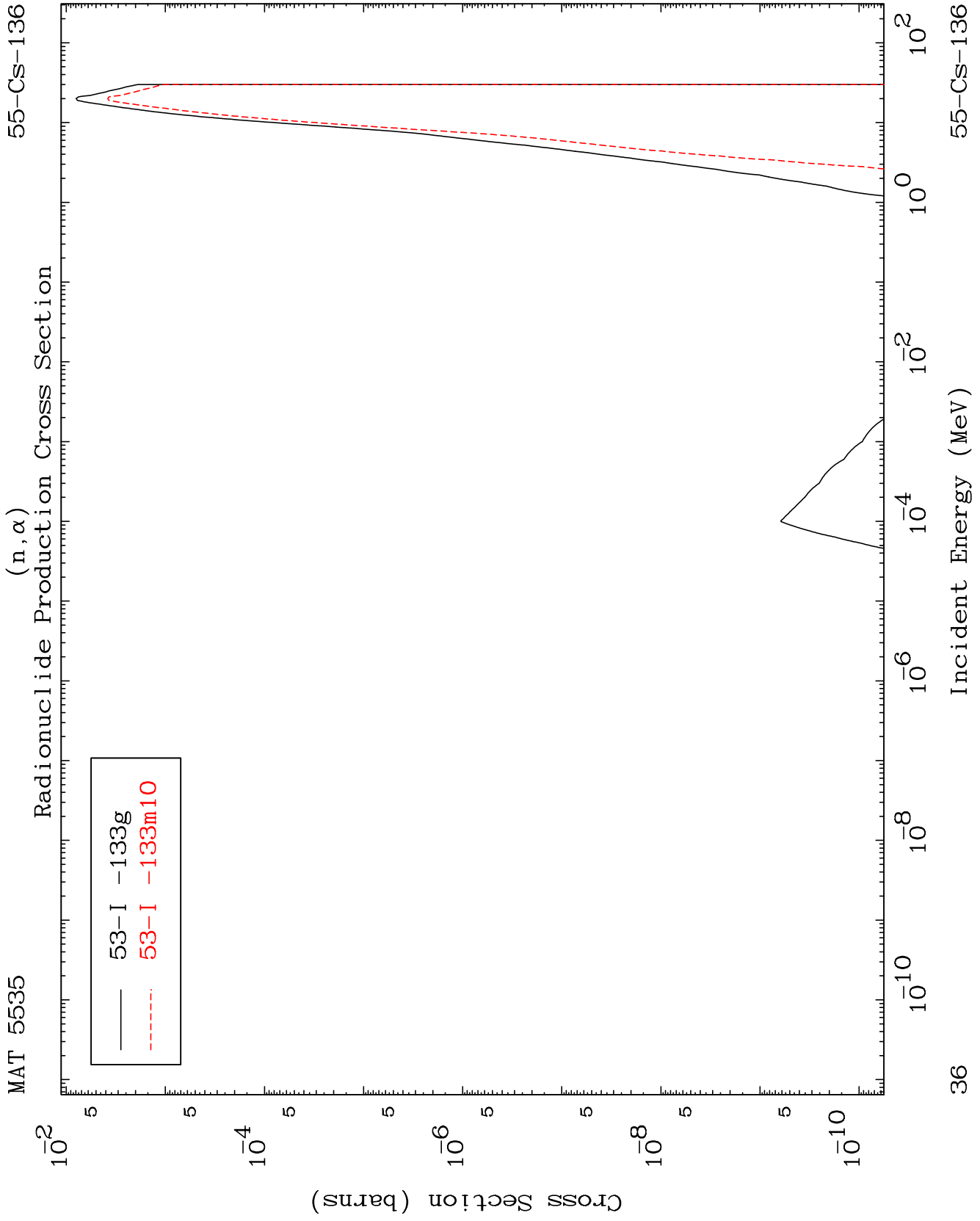


53-I-134g
53-I-134m5

35

Incident Energy (MeV)

55-Cs-136

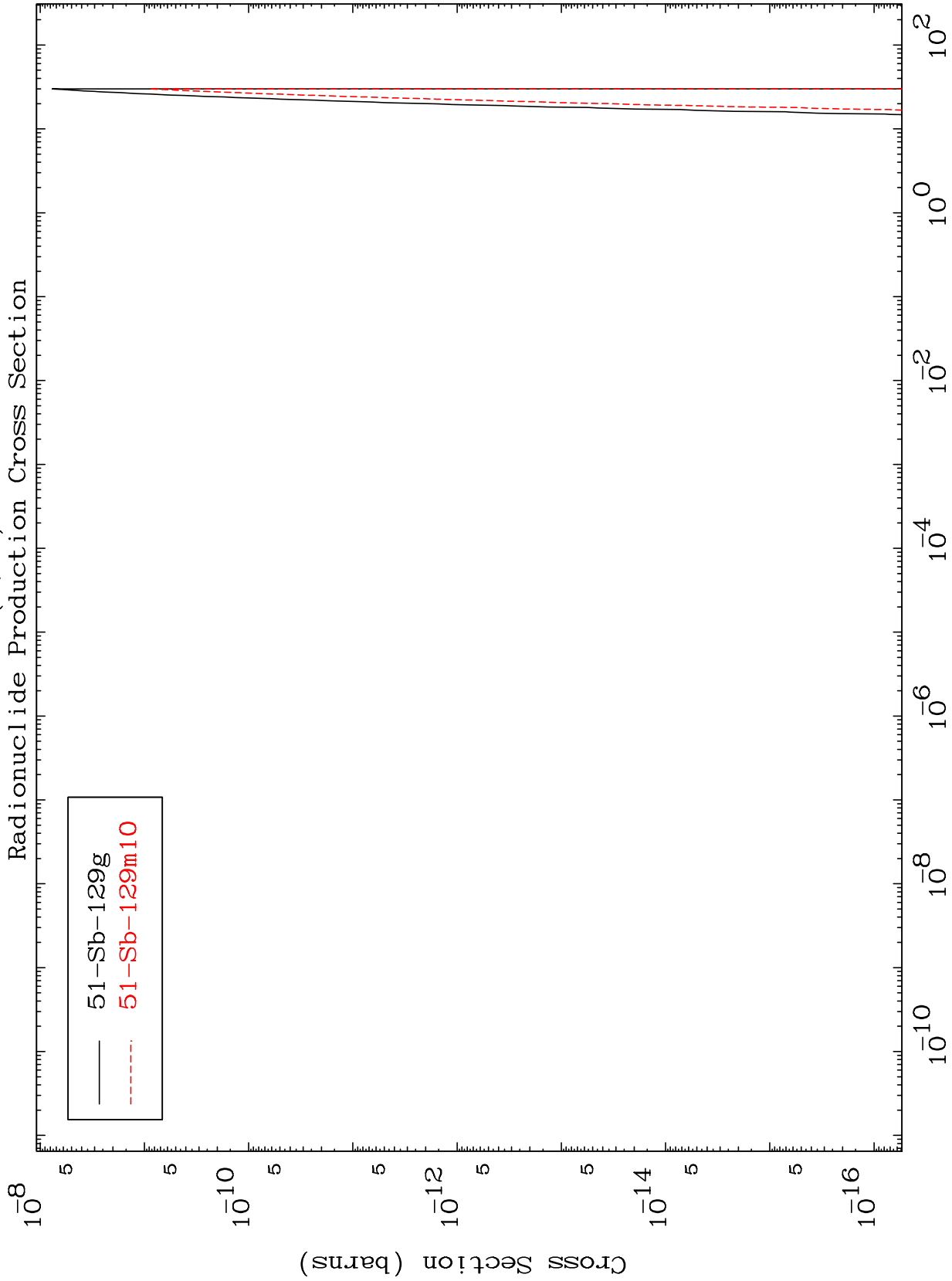


MAT 5535

(n,2α)

55-Cs-136

Radionuclide Production Cross Section



— 51-Sb-129g
- - - 51-Sb-129m10

37

Incident Energy (MeV)

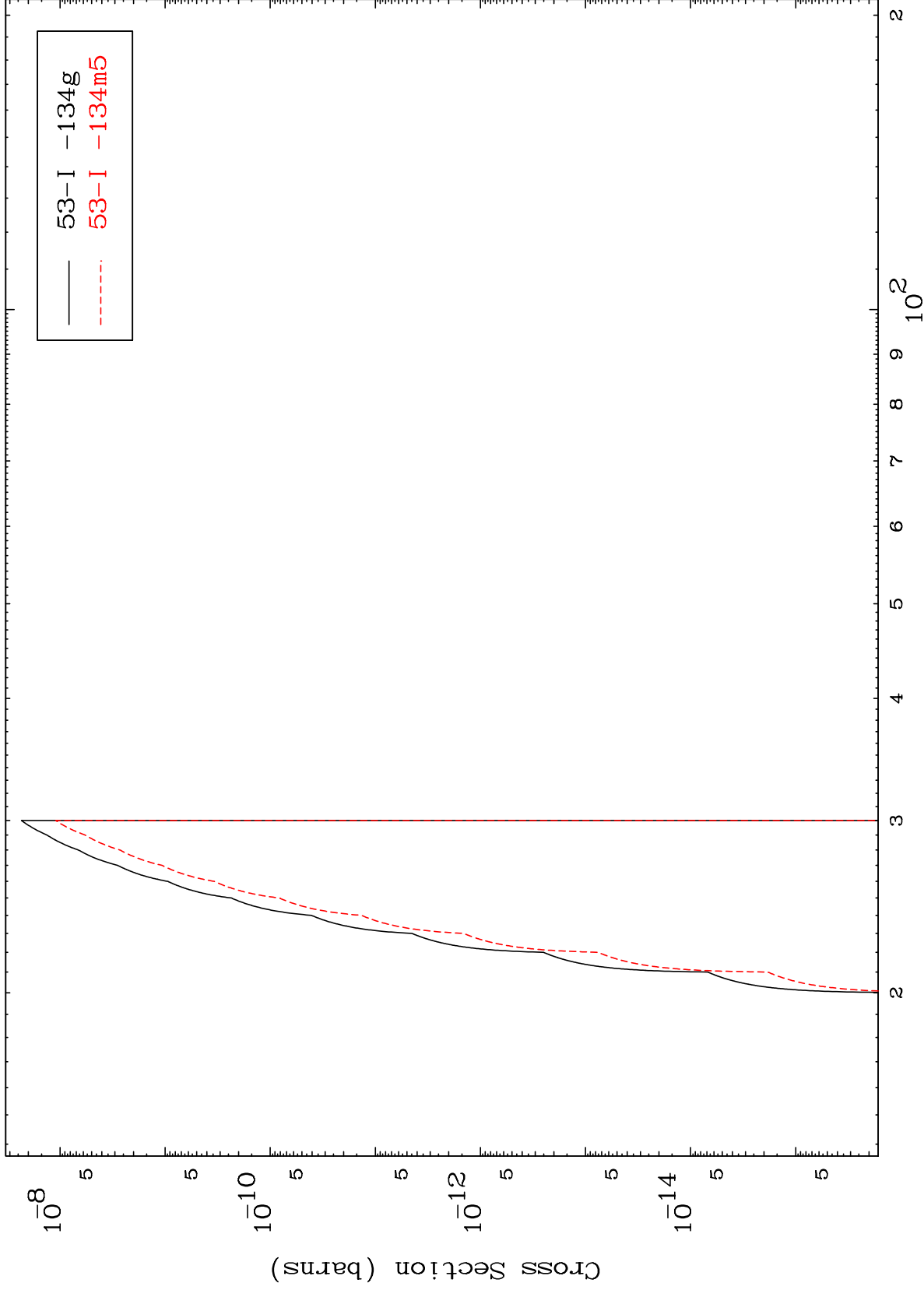
55-Cs-136

MAT 5535

(n,p) d

55-Cs-136

Radionuclide Production Cross Section



38

Incident Energy (MeV)

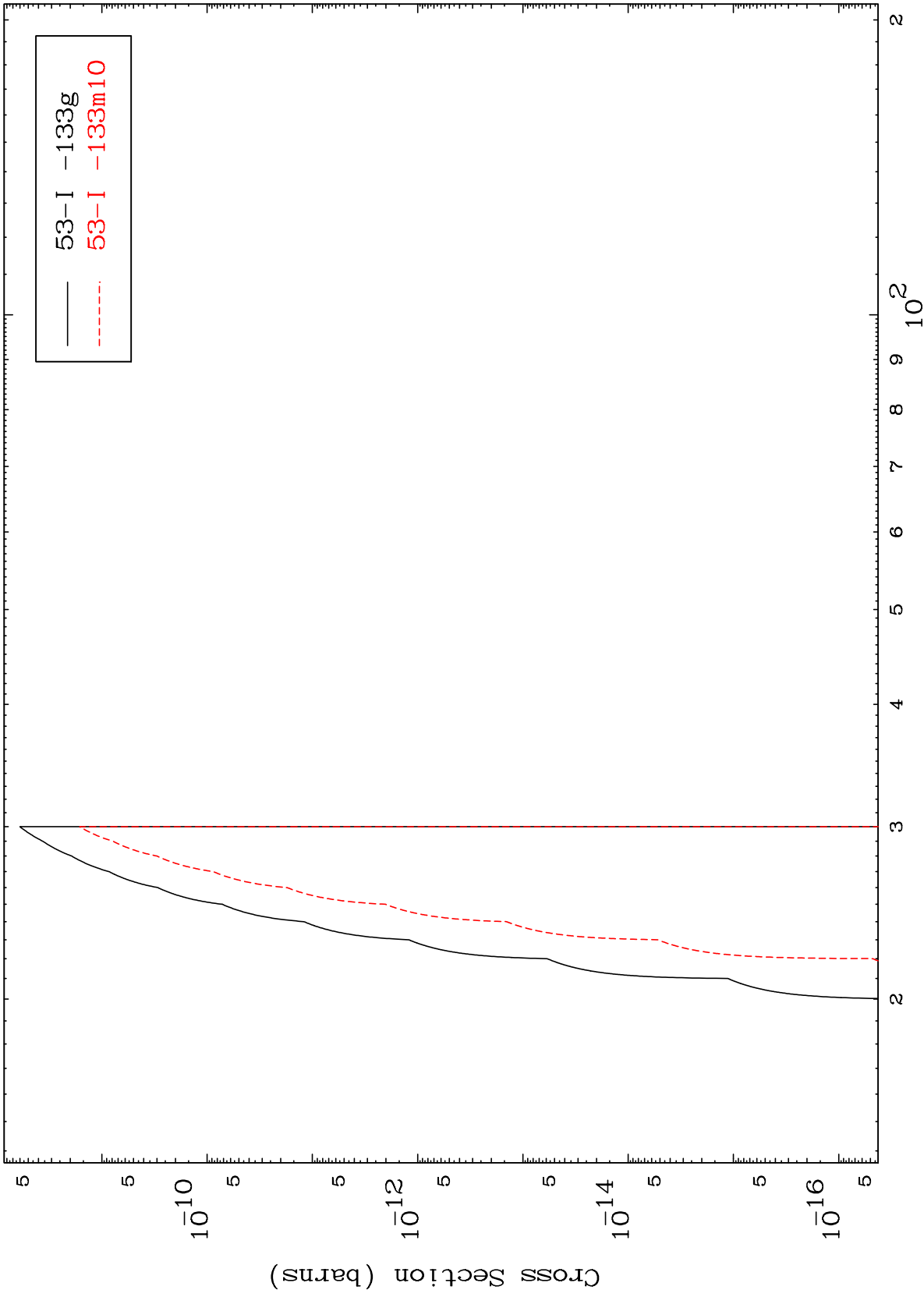
55-Cs-136

MAT 5535

(n,p) t

55-Cs-136

Radionuclide Production Cross Section



39

Incident Energy (MeV)

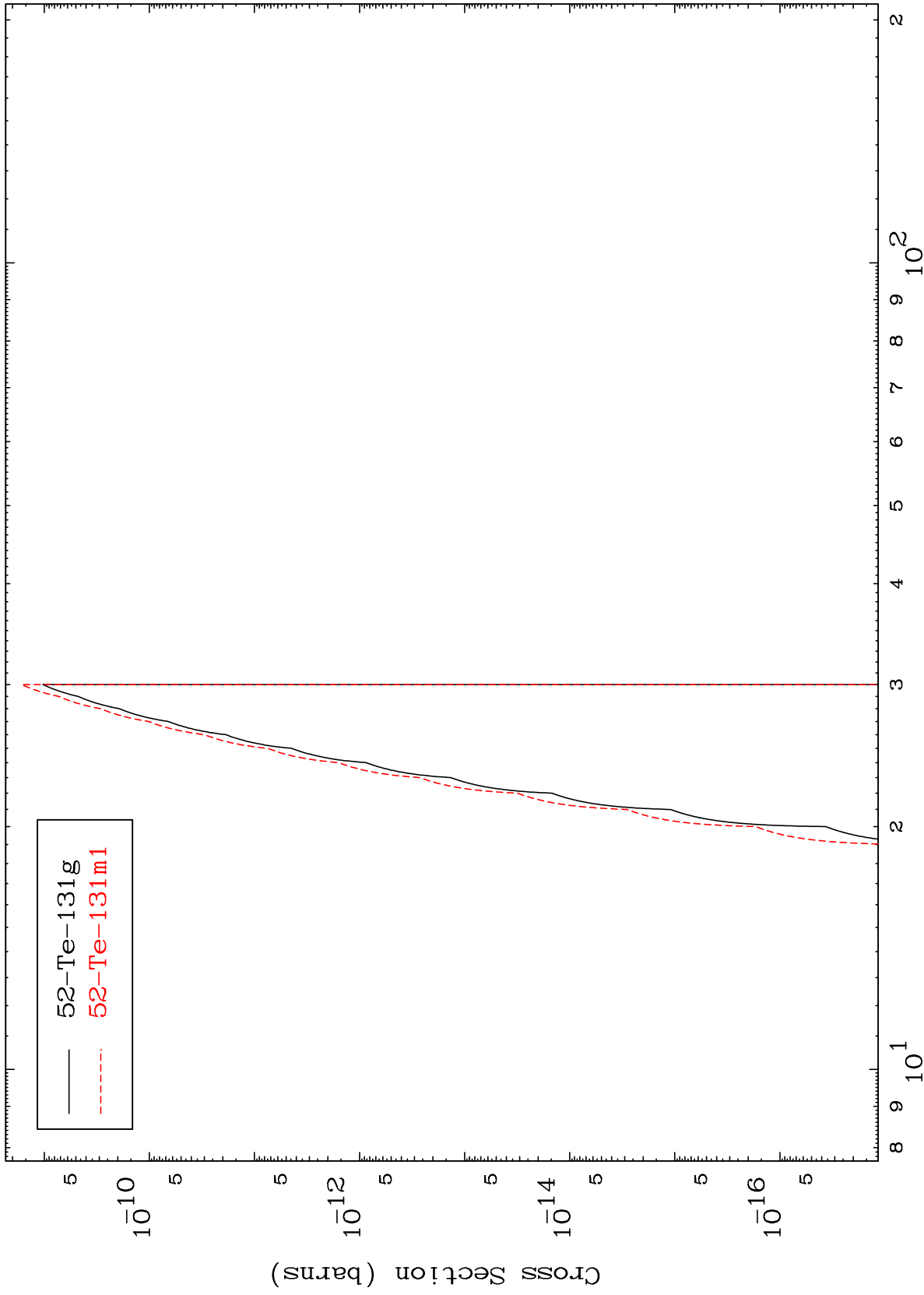
55-Cs-136

MAT 5535

(n,d) α

55-Cs-136

Radionuclide Production Cross Section



40

Incident Energy (MeV)

55-Cs-136