

Program EVALPLOT
(Version 2018-1)

by

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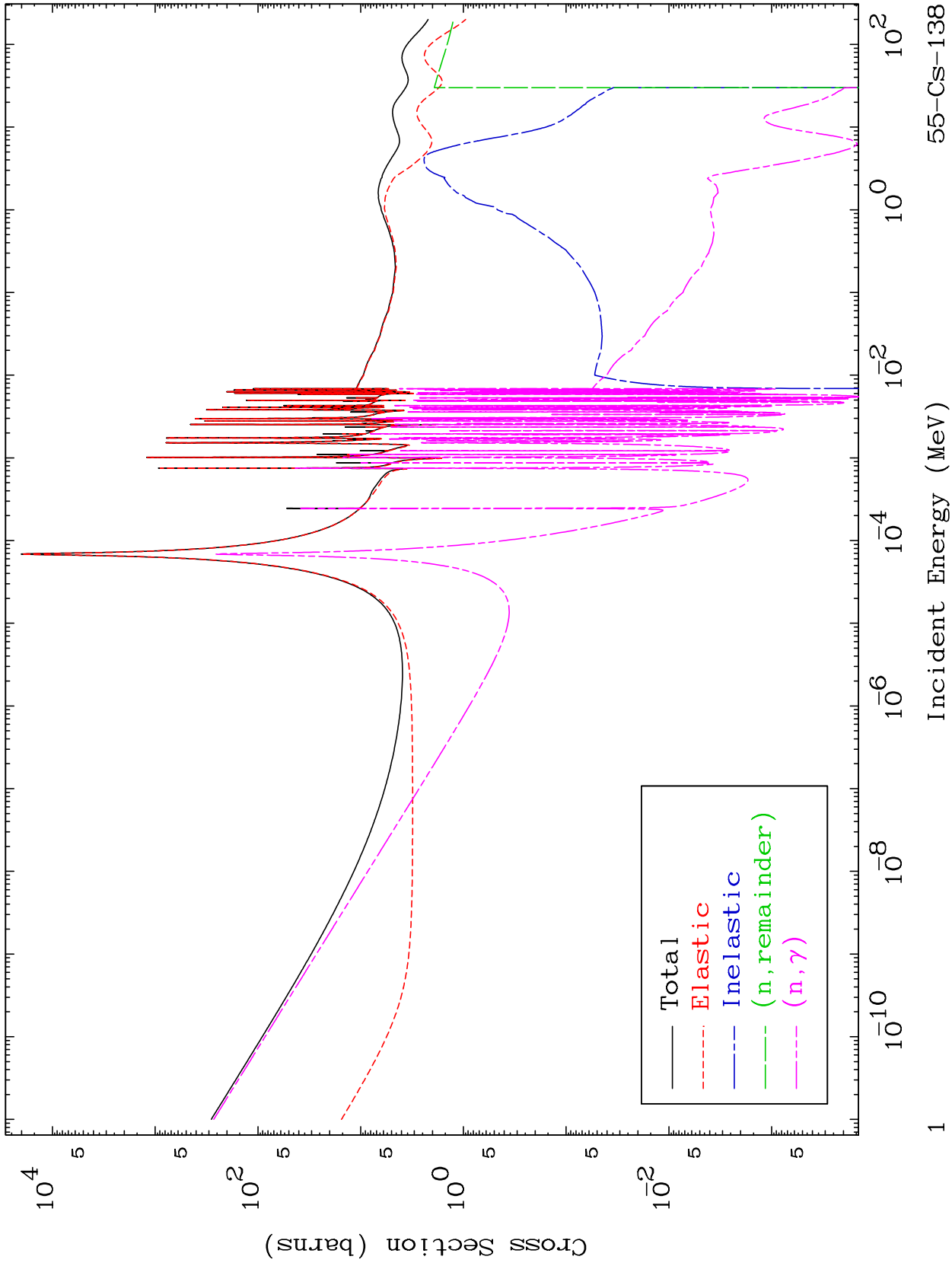
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5541

Major
293 Kelvin Cross Sections

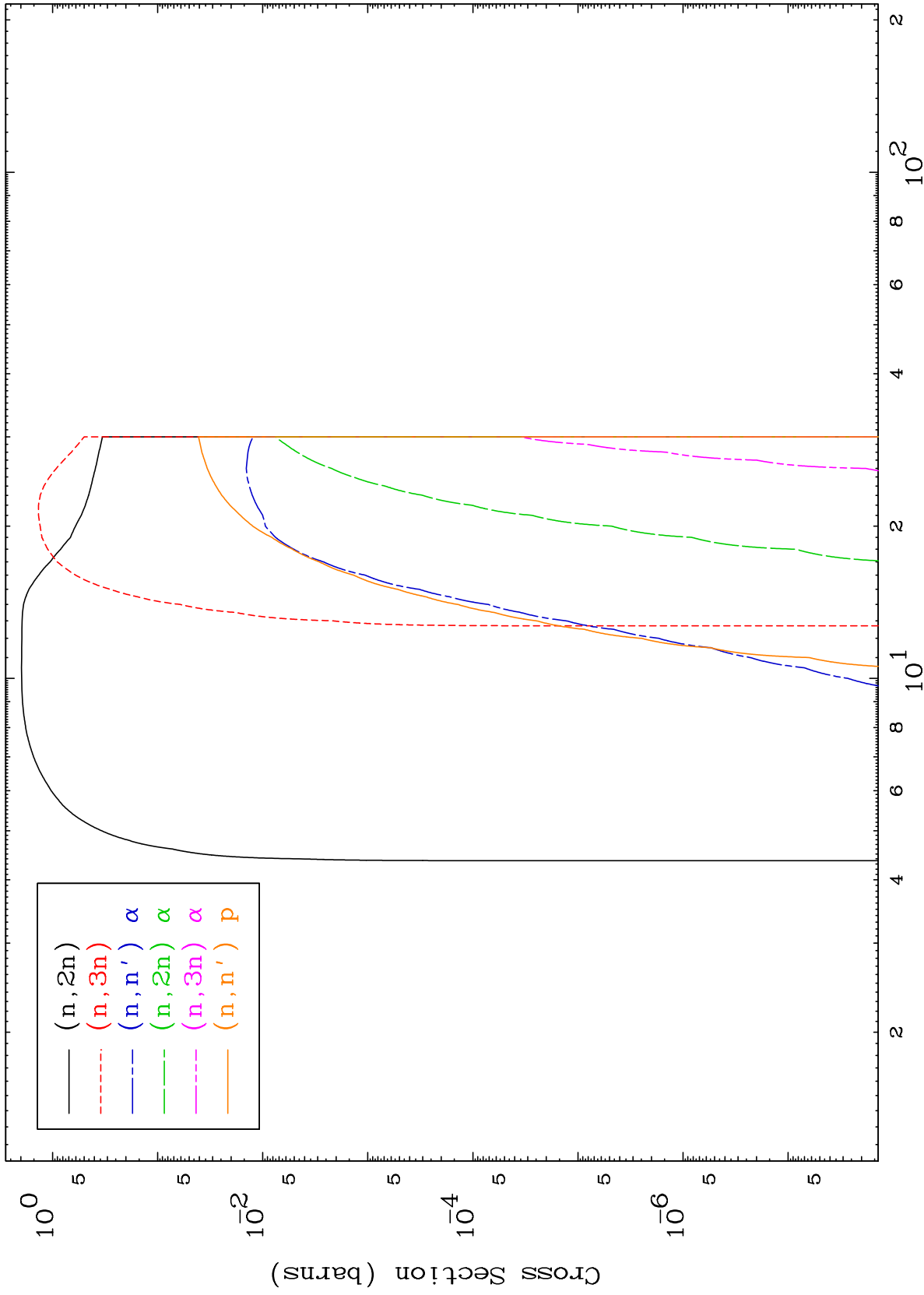
55-Cs-138



MAT 5541

Neutron Production 293 Kelvin Cross Sections

55-Cs-138



2

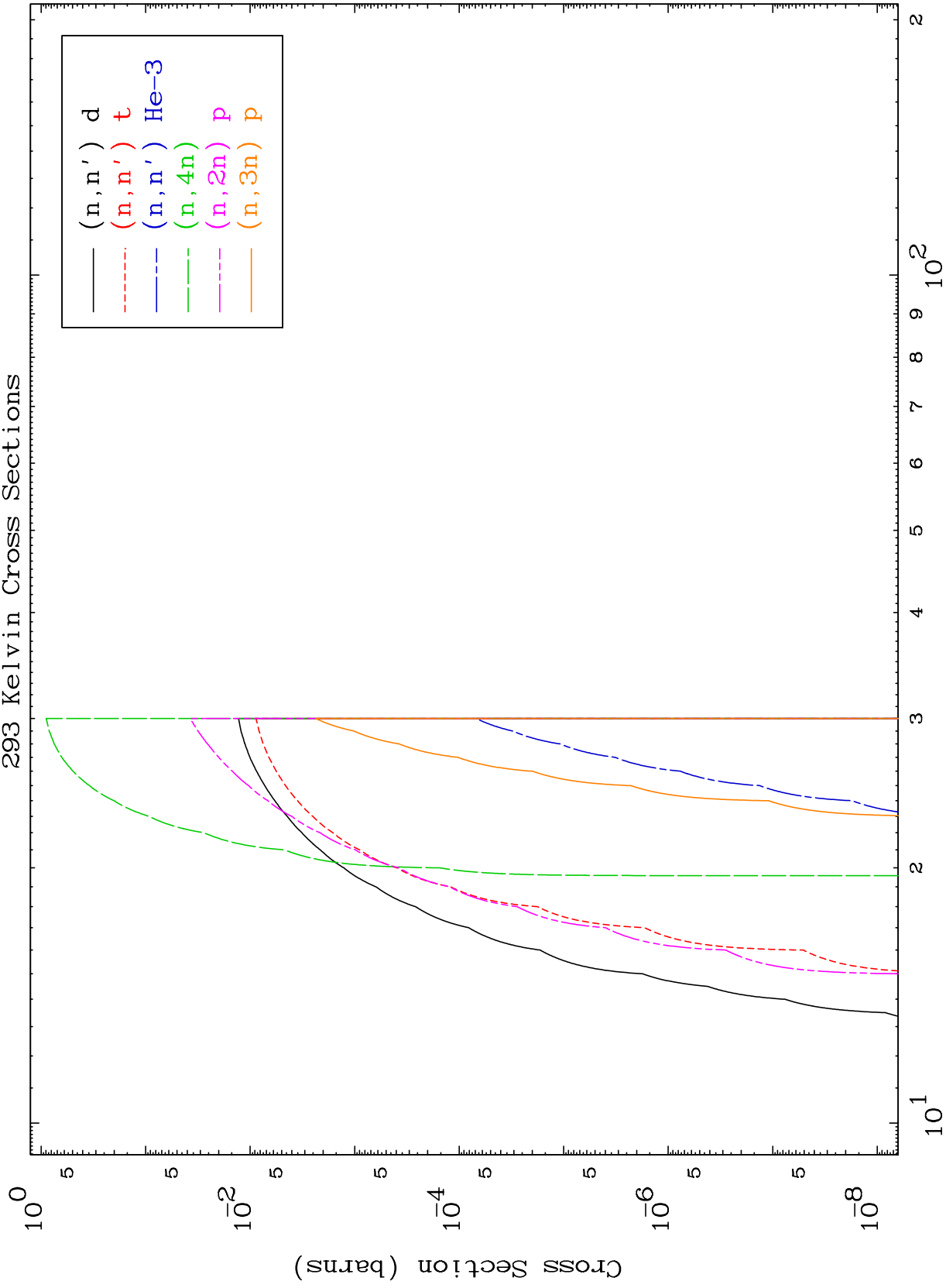
Incident Energy (MeV)

55-Cs-138

MAT 5541

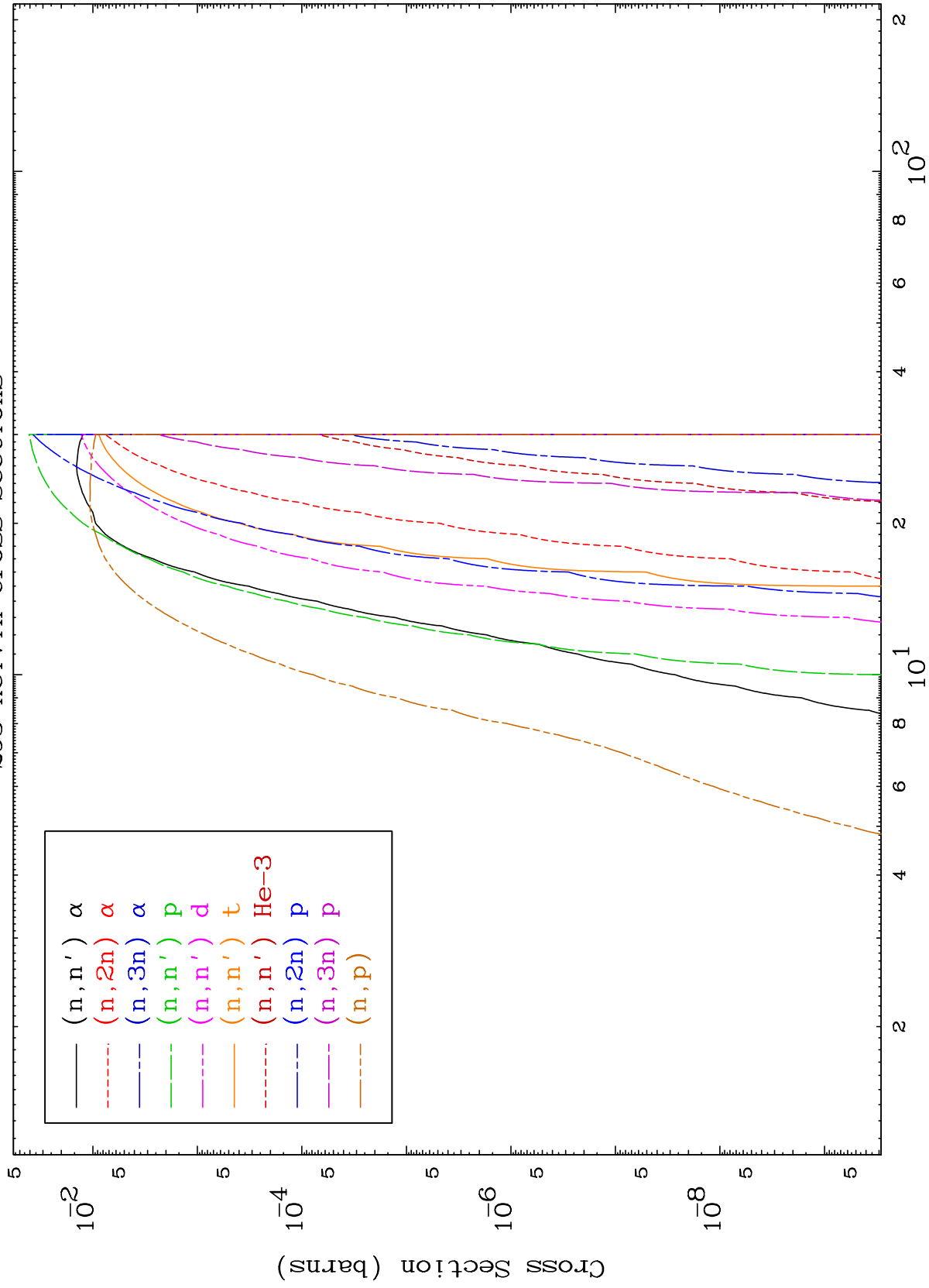
Neutron Production
293 Kelvin Cross Sections

55-Cs-138



Incident Energy (MeV)

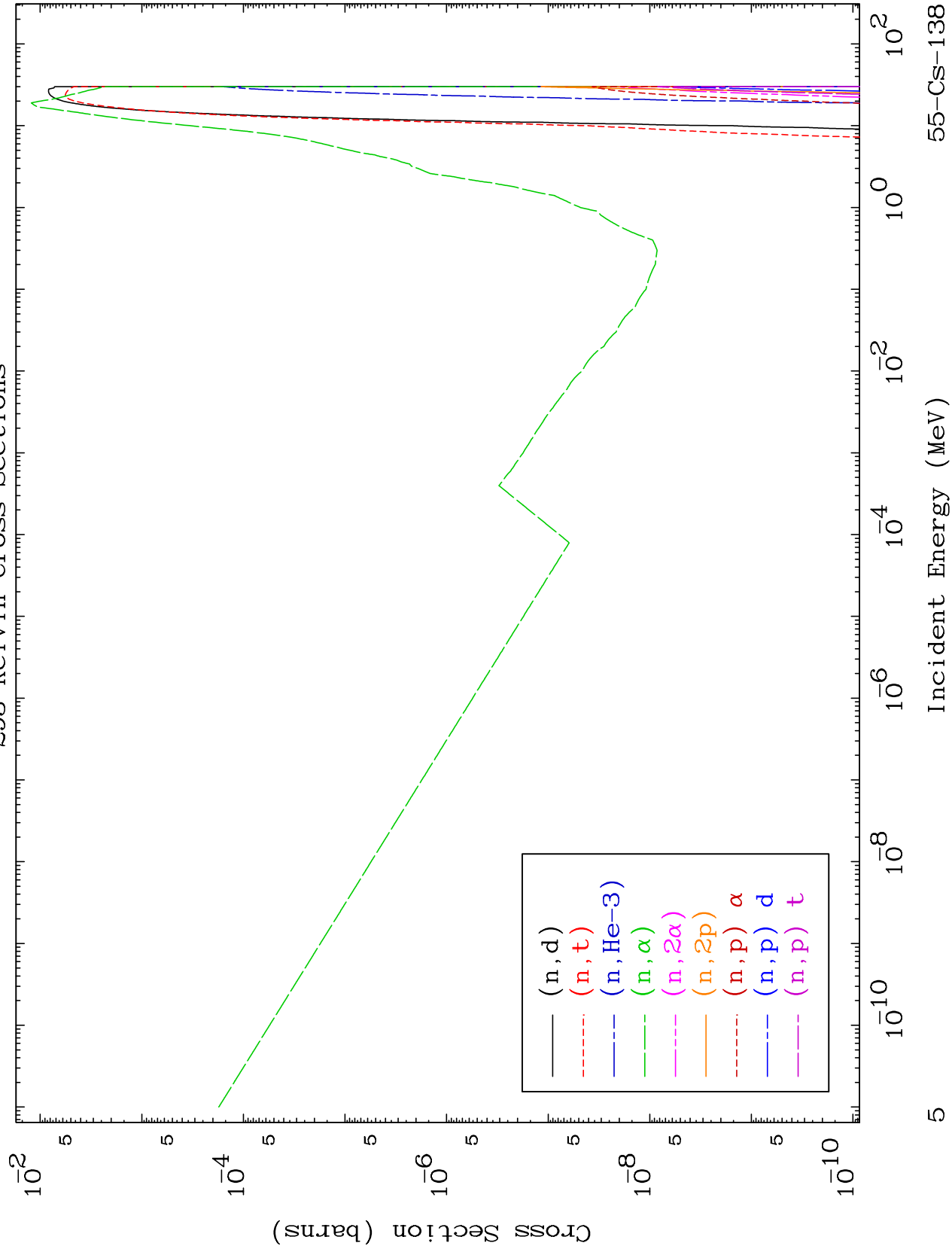
55-Cs-138



MAT 5541

293 Kelvin Cross Sections
Charged Particle

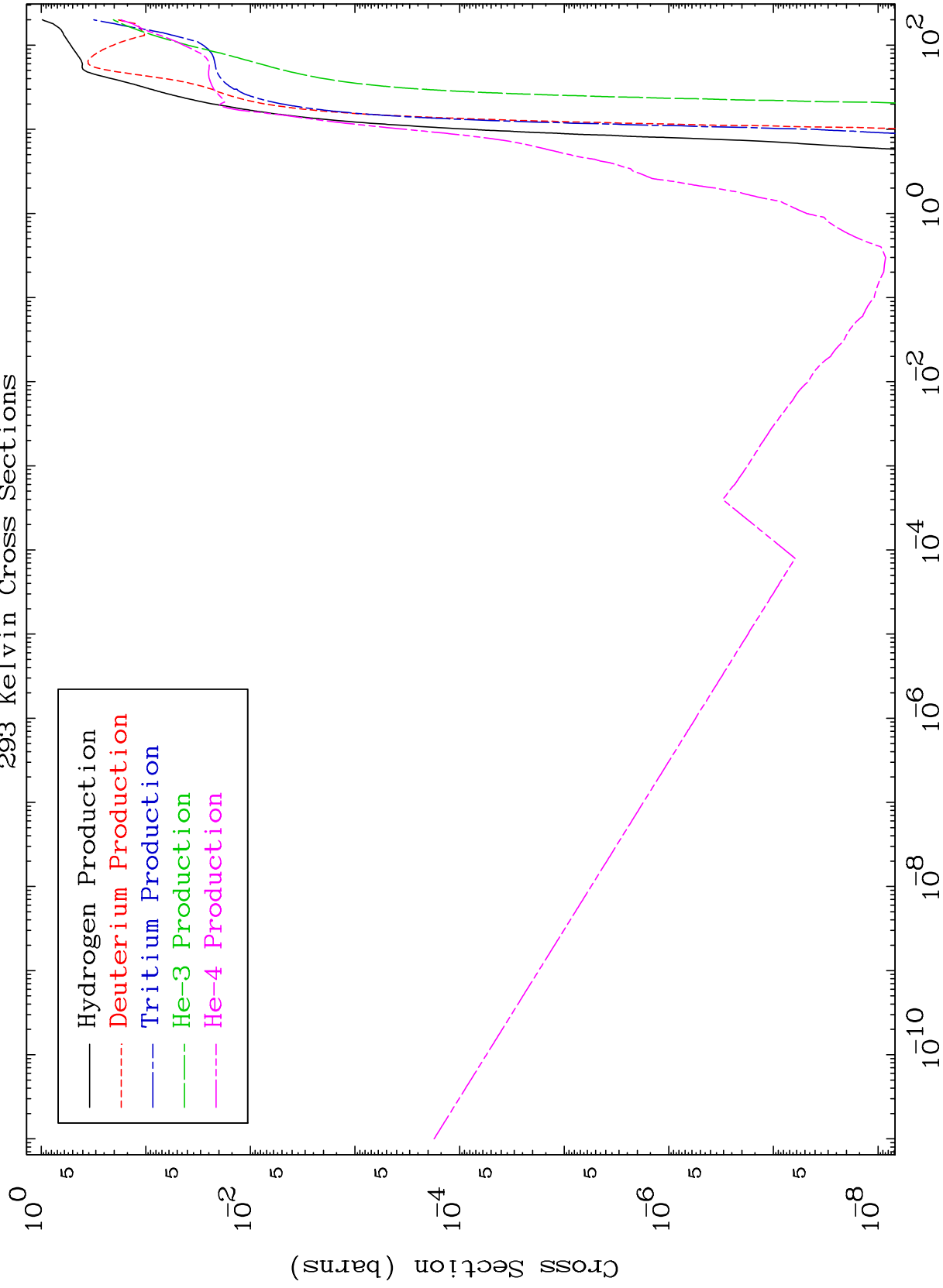
55-Cs-138



MAT 5541

Particle Production
293 Kelvin Cross Sections

55-Cs-138



6

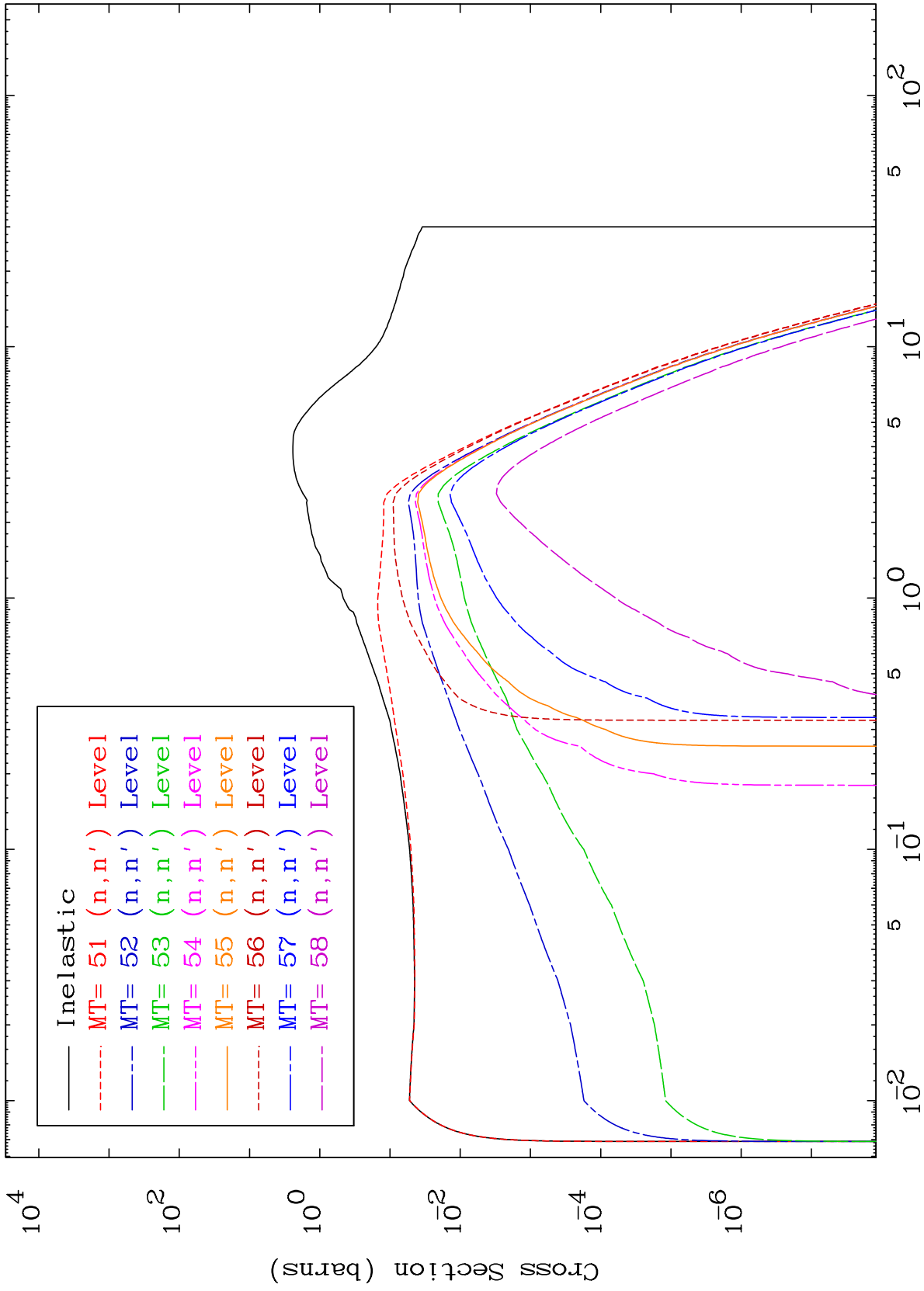
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,n') Level
293 Kelvin Cross Sections

55-Cs-138



7

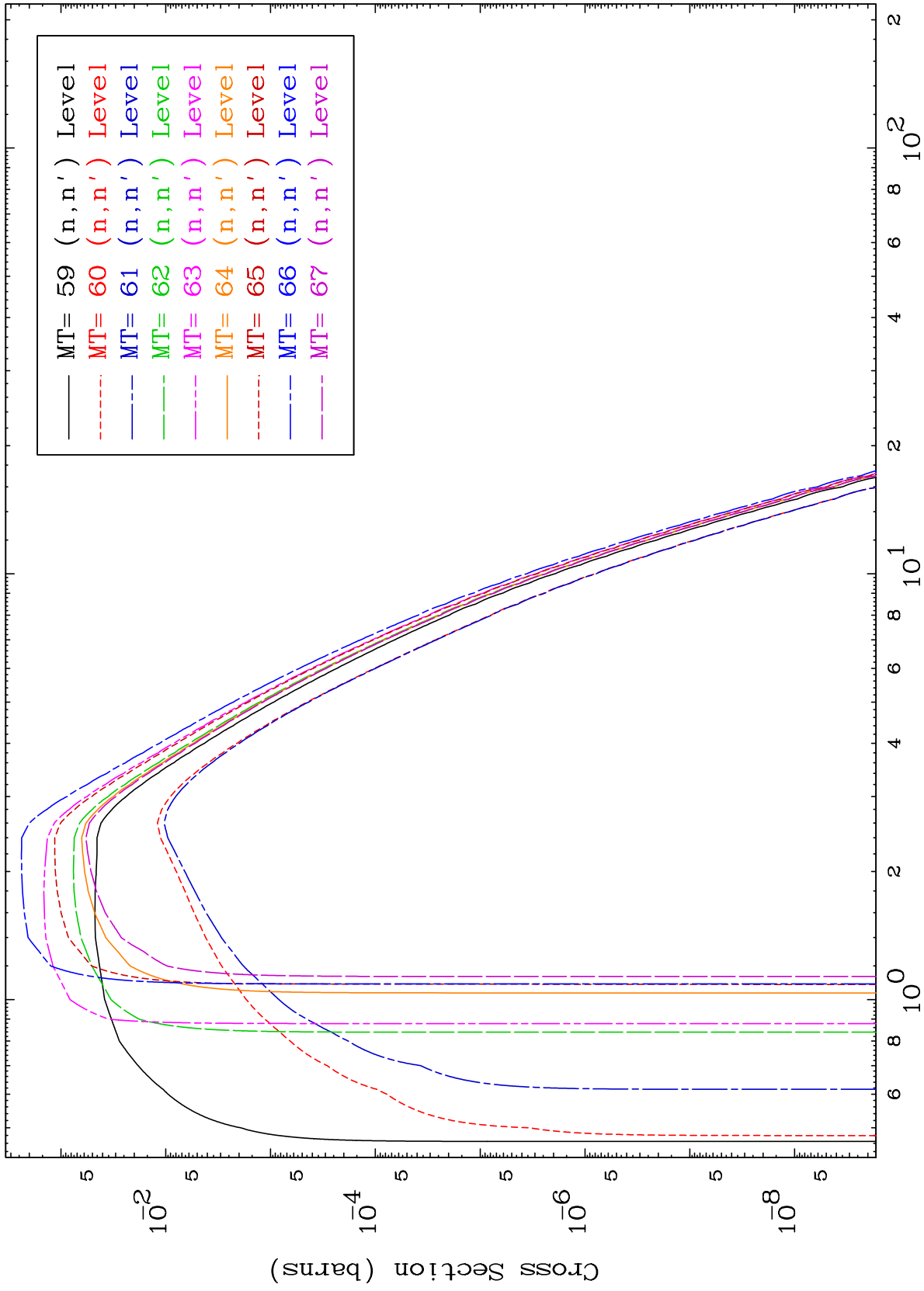
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,n') Level
293 Kelvin Cross Sections

55-Cs-138

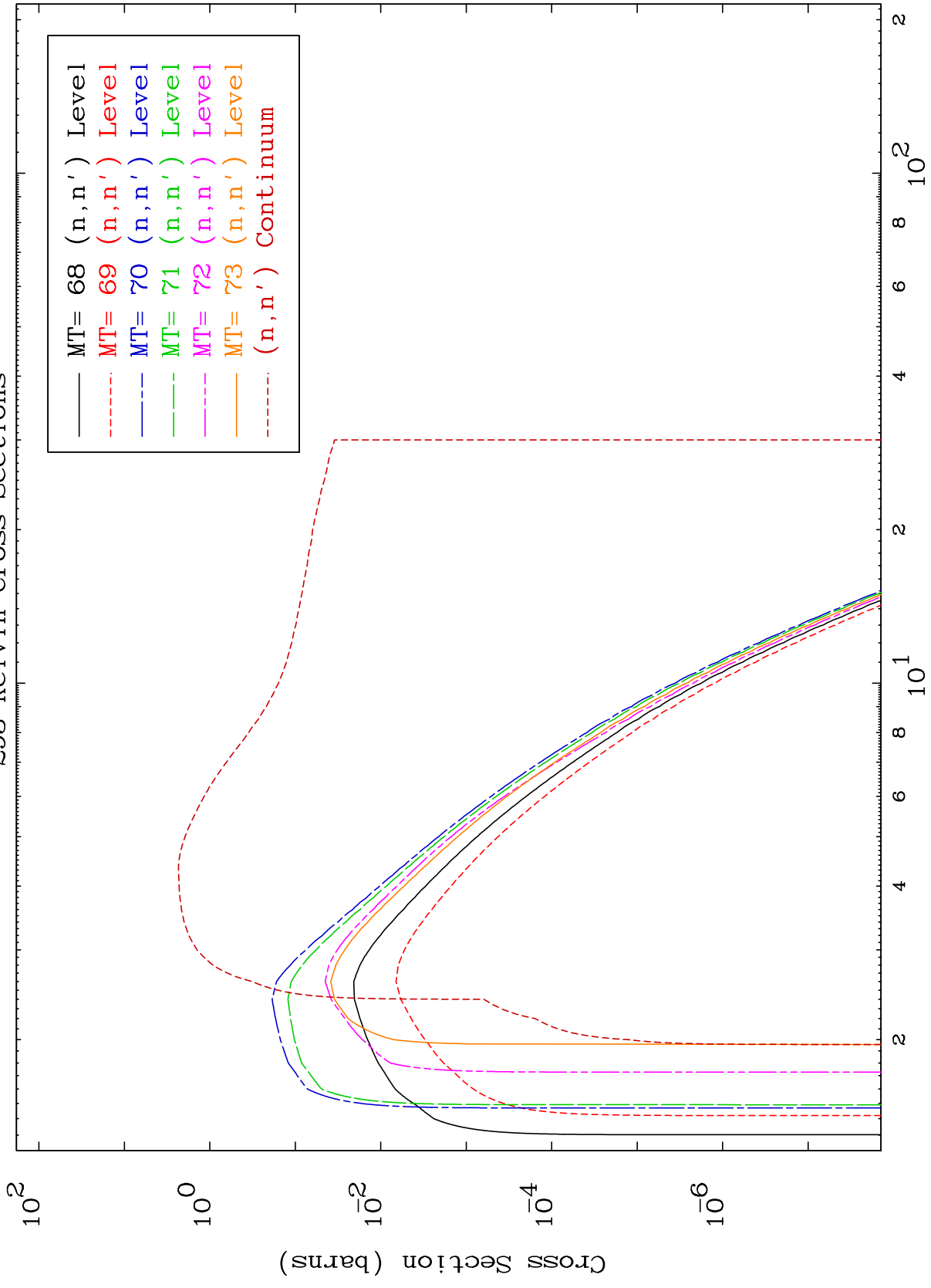


8

Incident Energy (MeV)

55-Cs-138

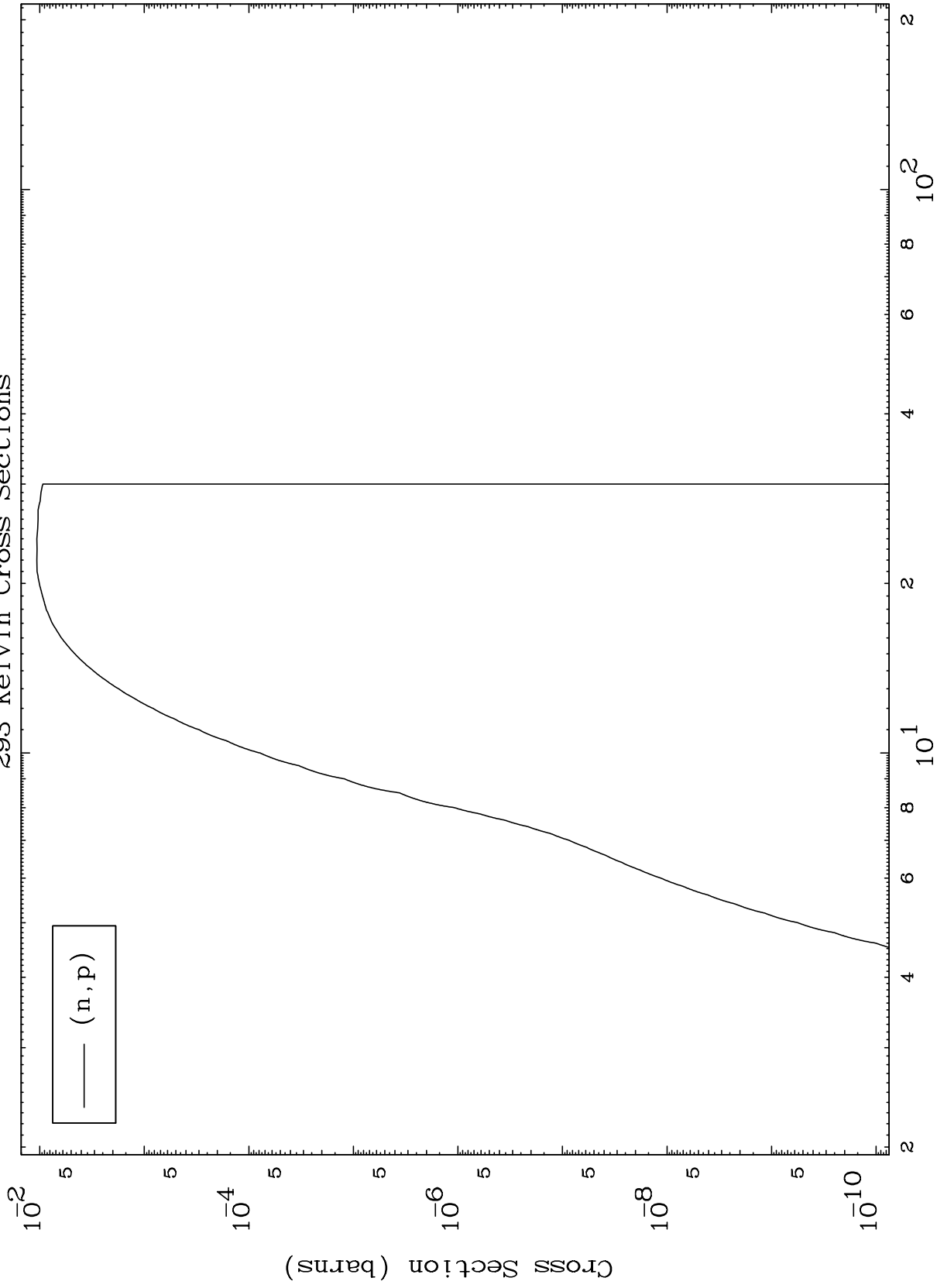
293 Kelvin Cross Sections



MAT 5541

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-138



10

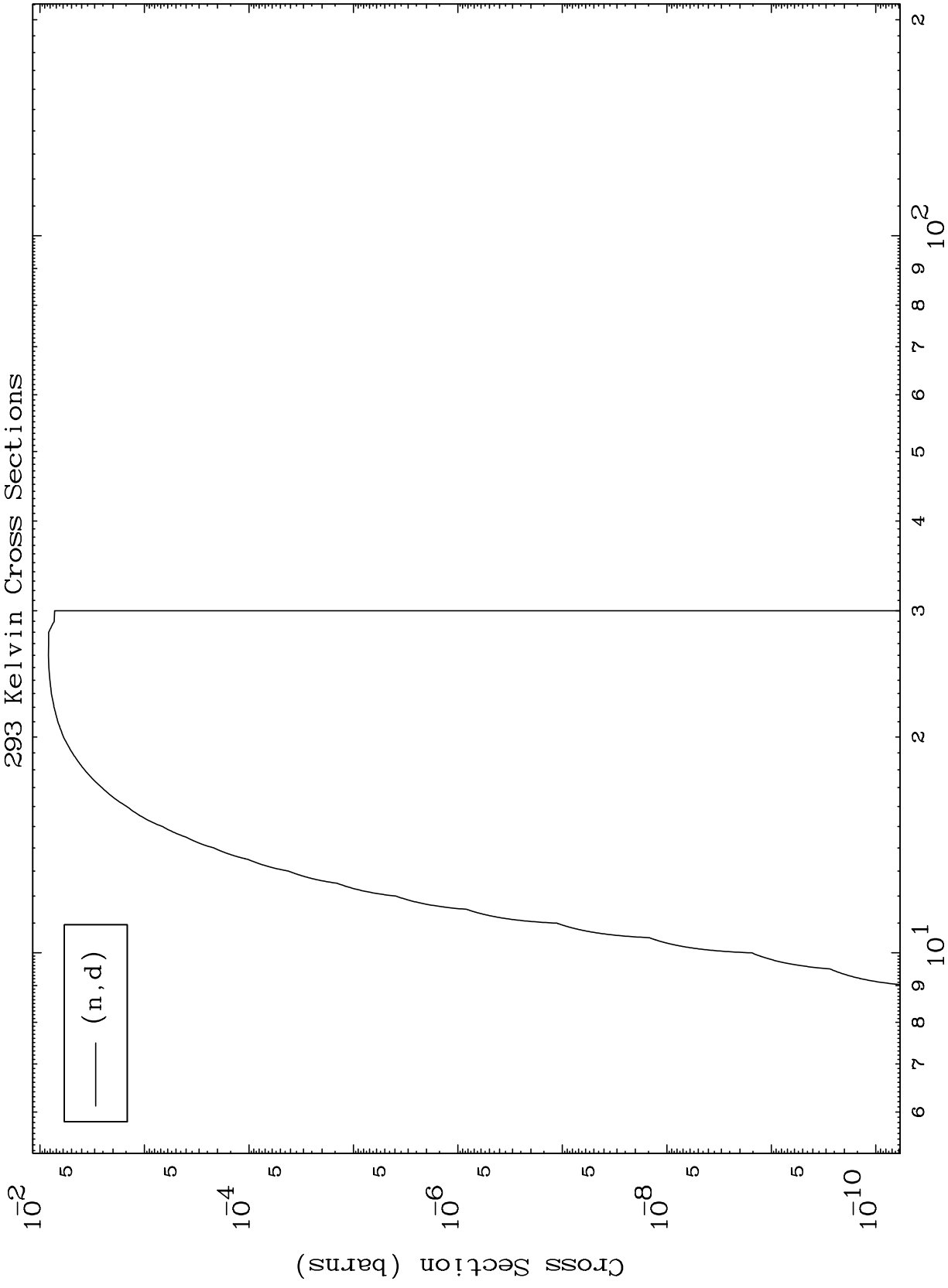
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-138



11

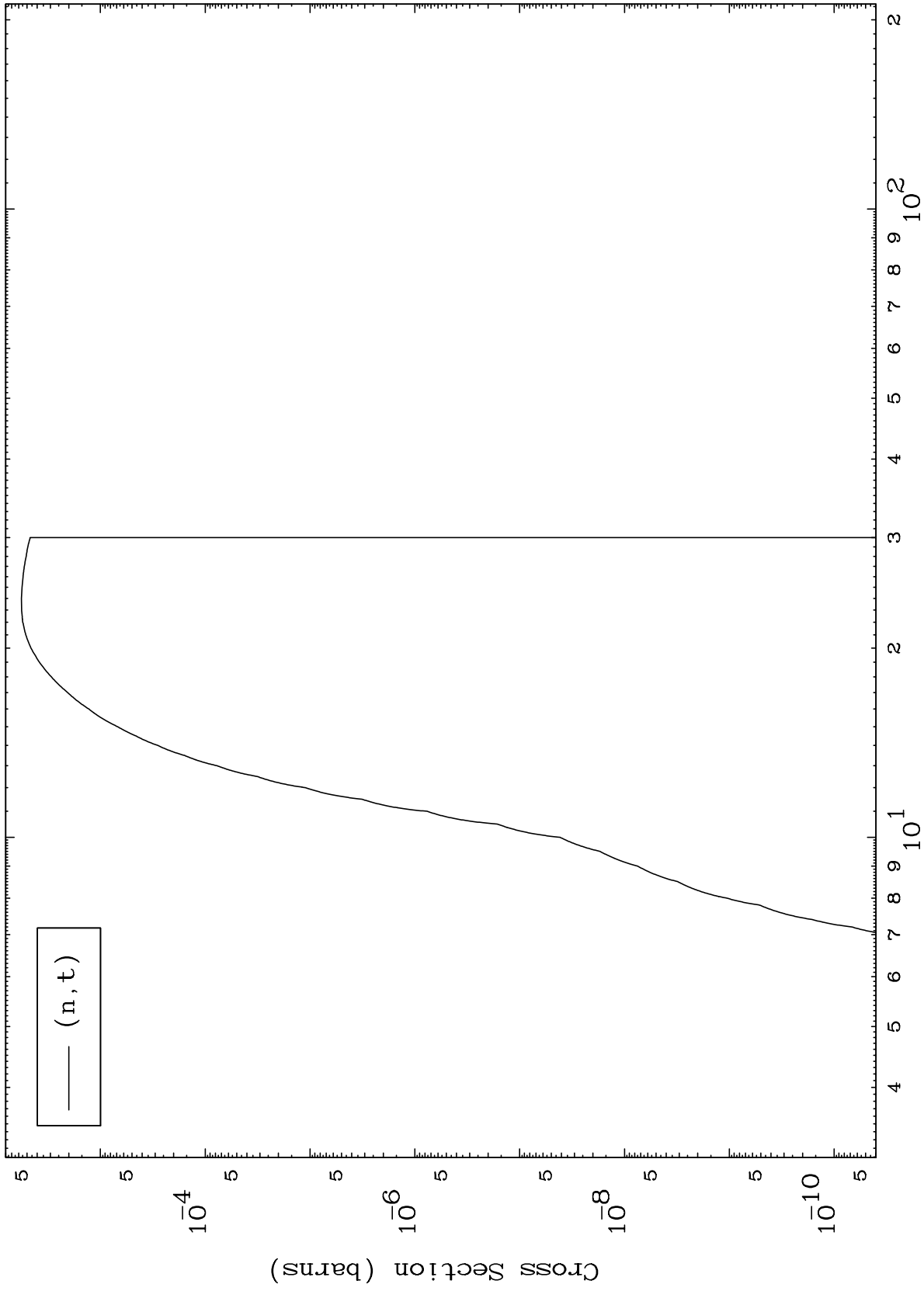
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-138



12

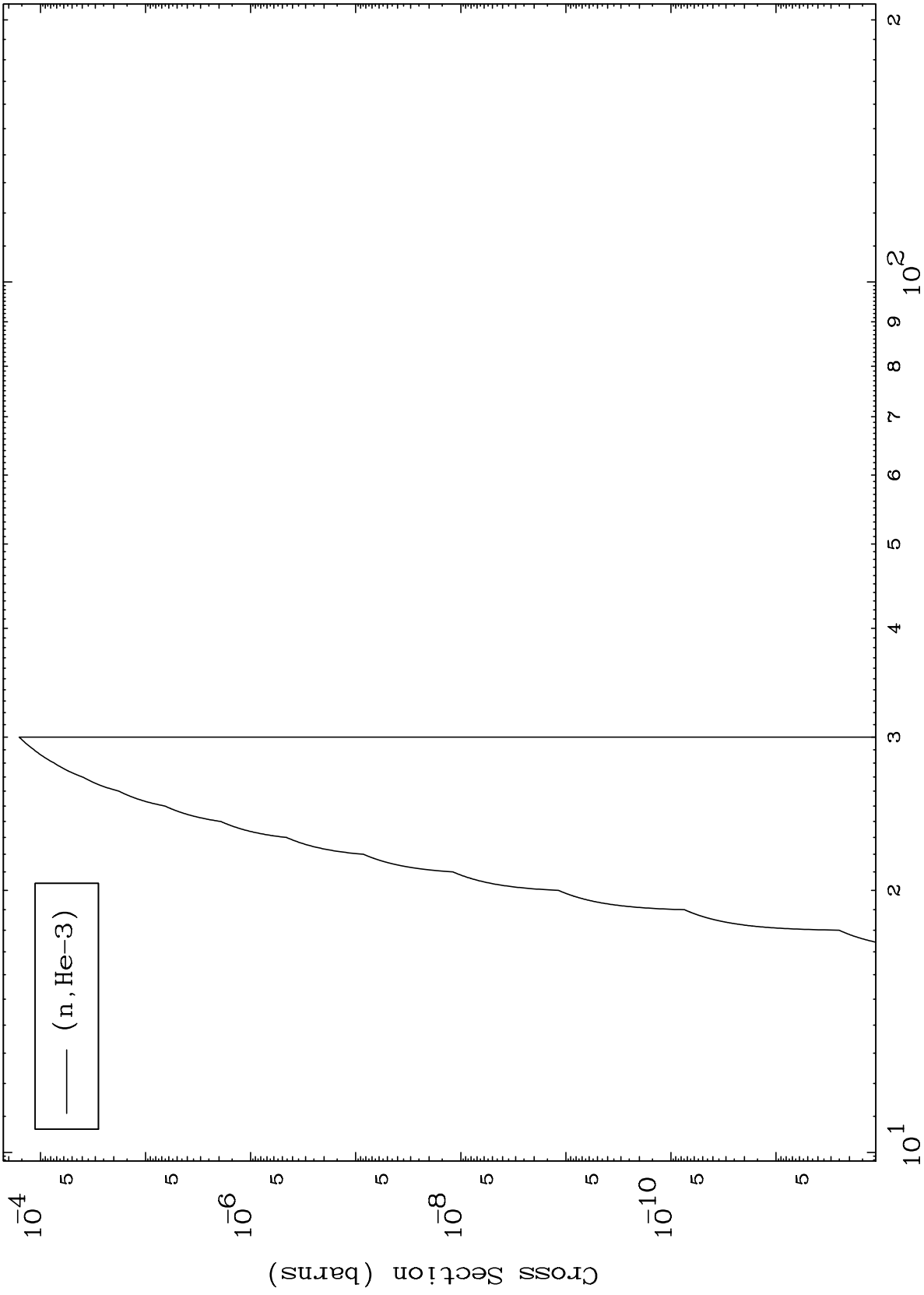
Incident Energy (MeV)

55-Cs-138

MAT 5541

(n,He3) Levels
293 Kelvin Cross Sections

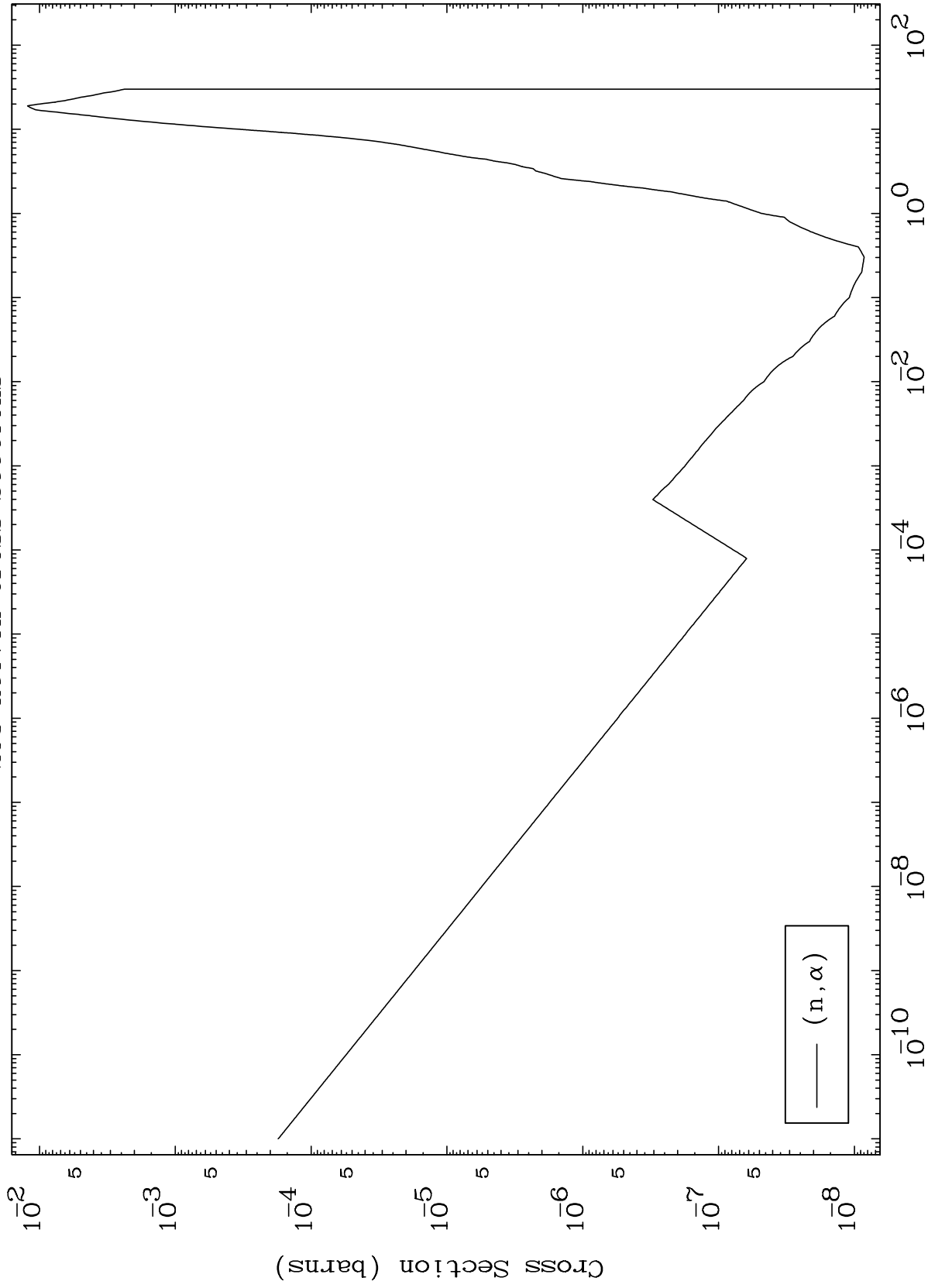
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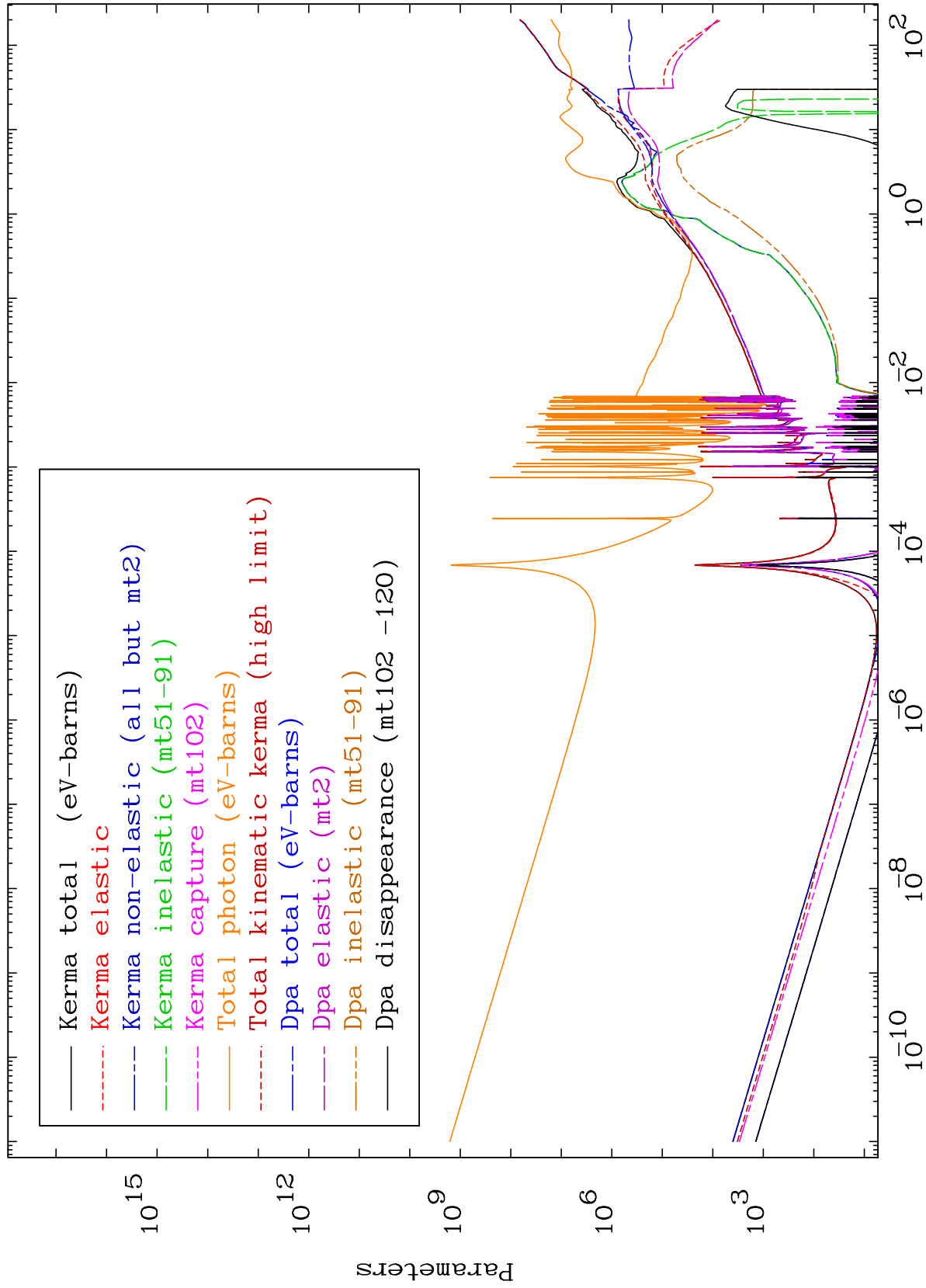


MAT 5541

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-138

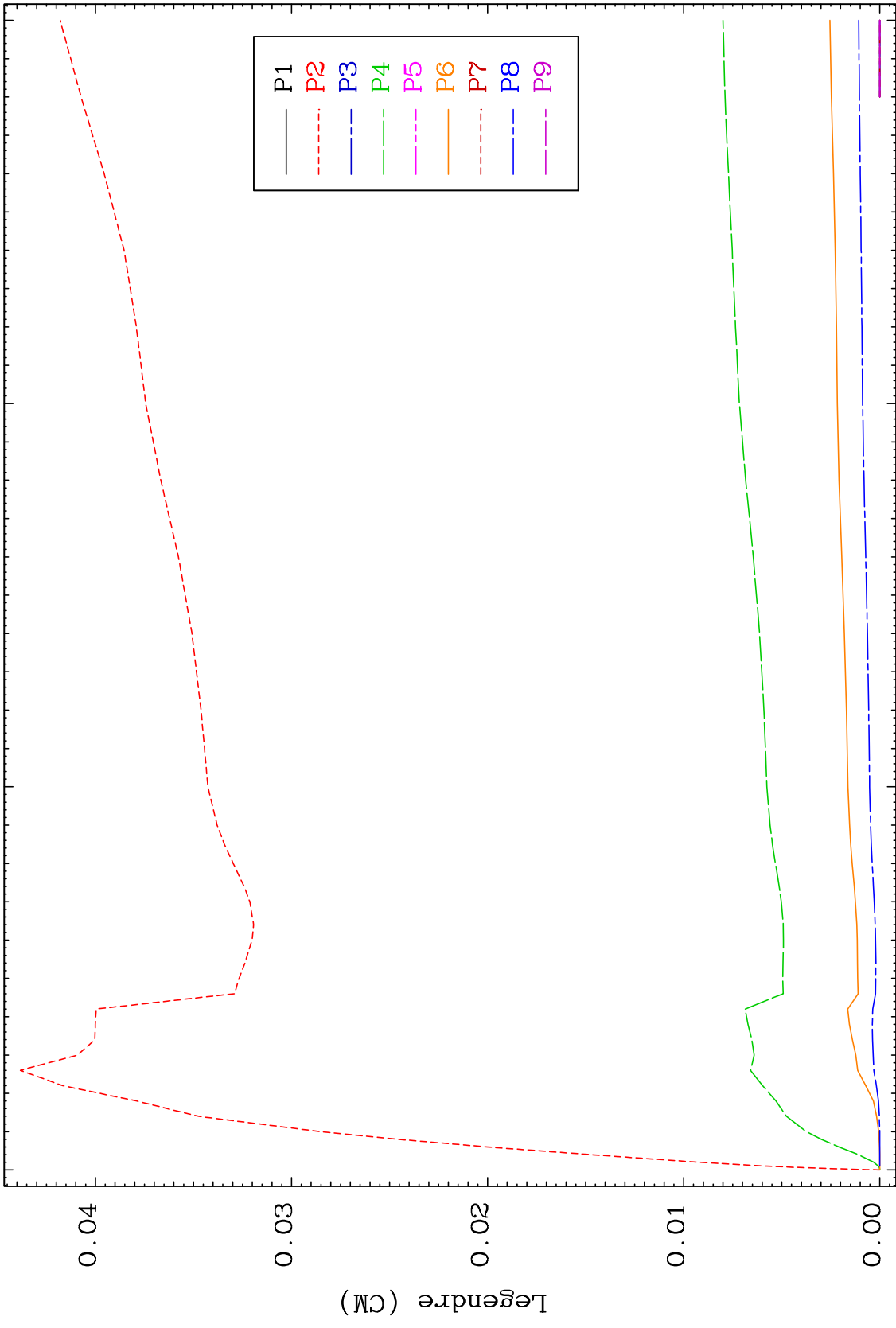




55-Cs-138

Elastic Legendre Coefficients

MAT 5541



55-Cs-138

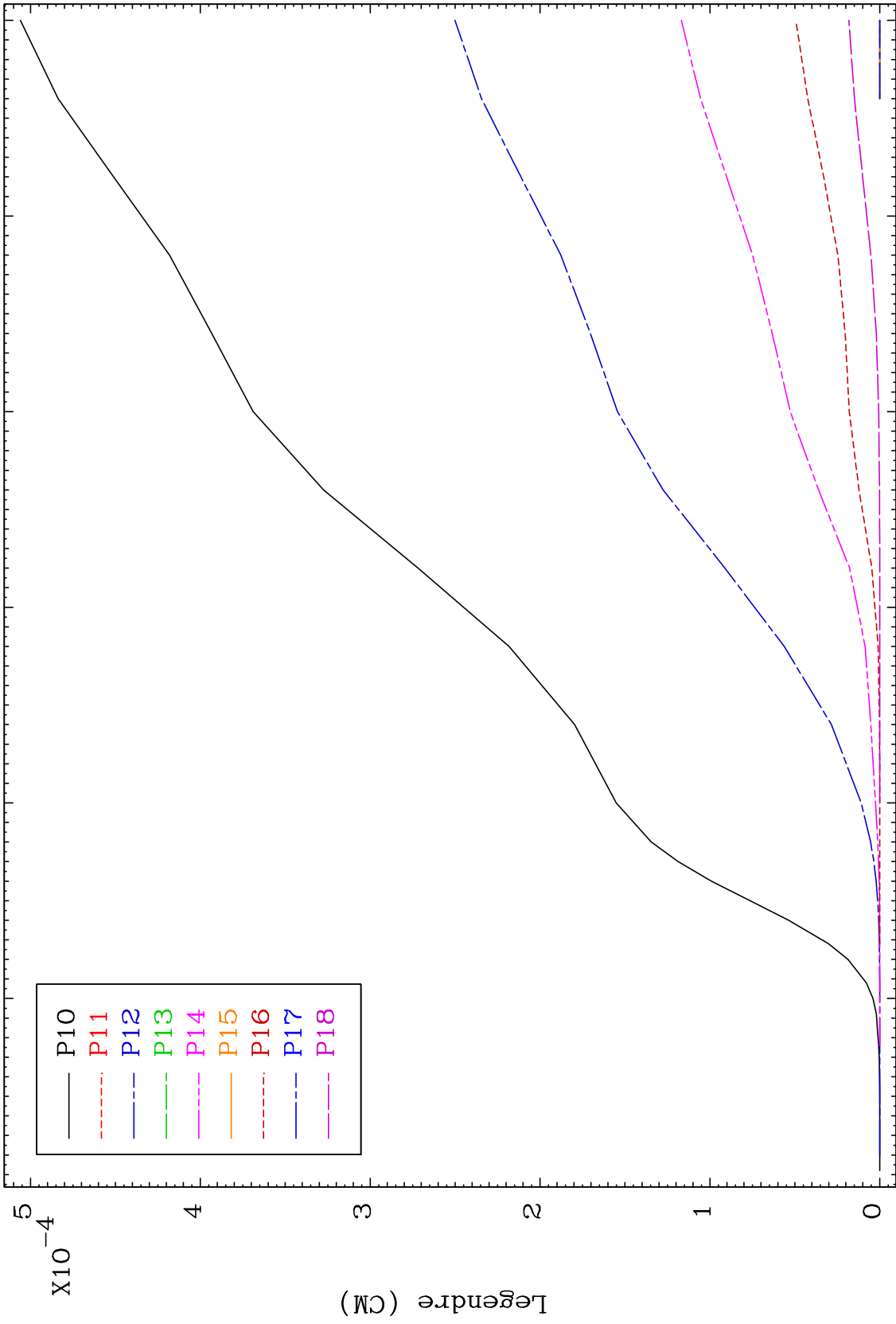
Incident Energy (MeV)

16

MAT 5541

Elastic Legendre Coefficients

55-Cs-138



17

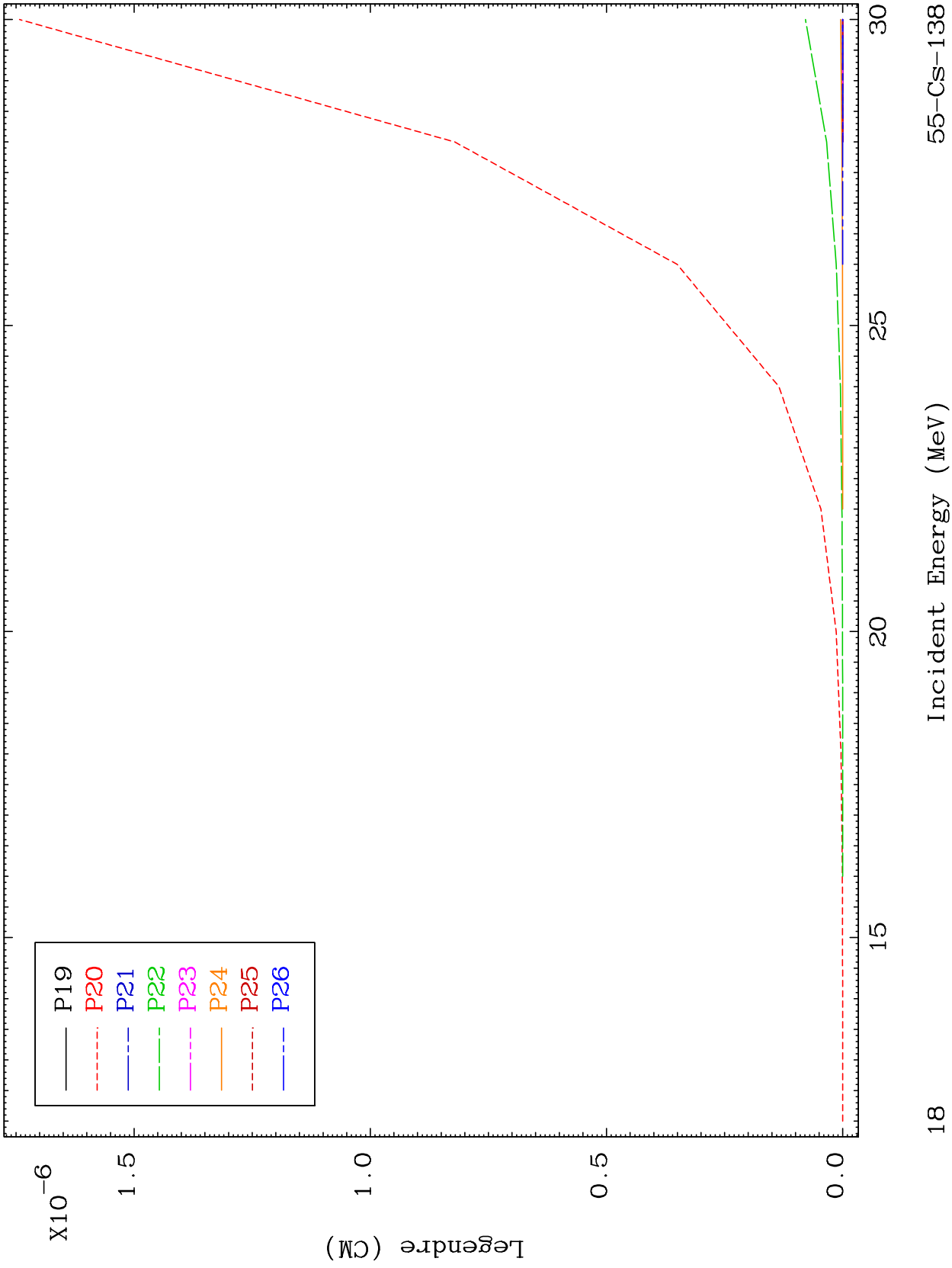
Incident Energy (MeV)

55-Cs-138

MAT 5541

Elastic Legendre Coefficients

55-Cs-138



18

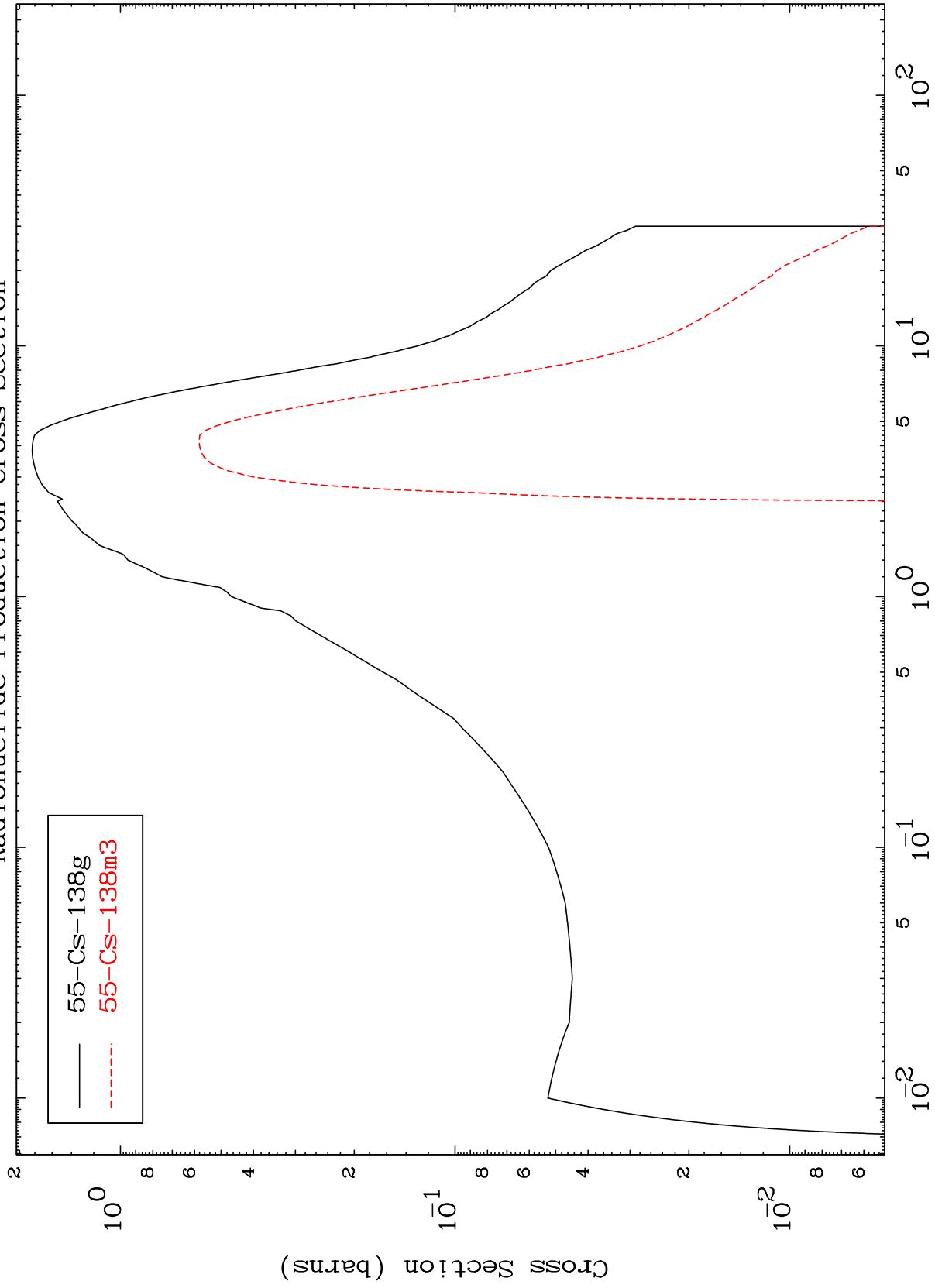
Incident Energy (MeV)

55-Cs-138

MAT 5541

Inelastic Radionuclide Production Cross Section

55-Cs-138



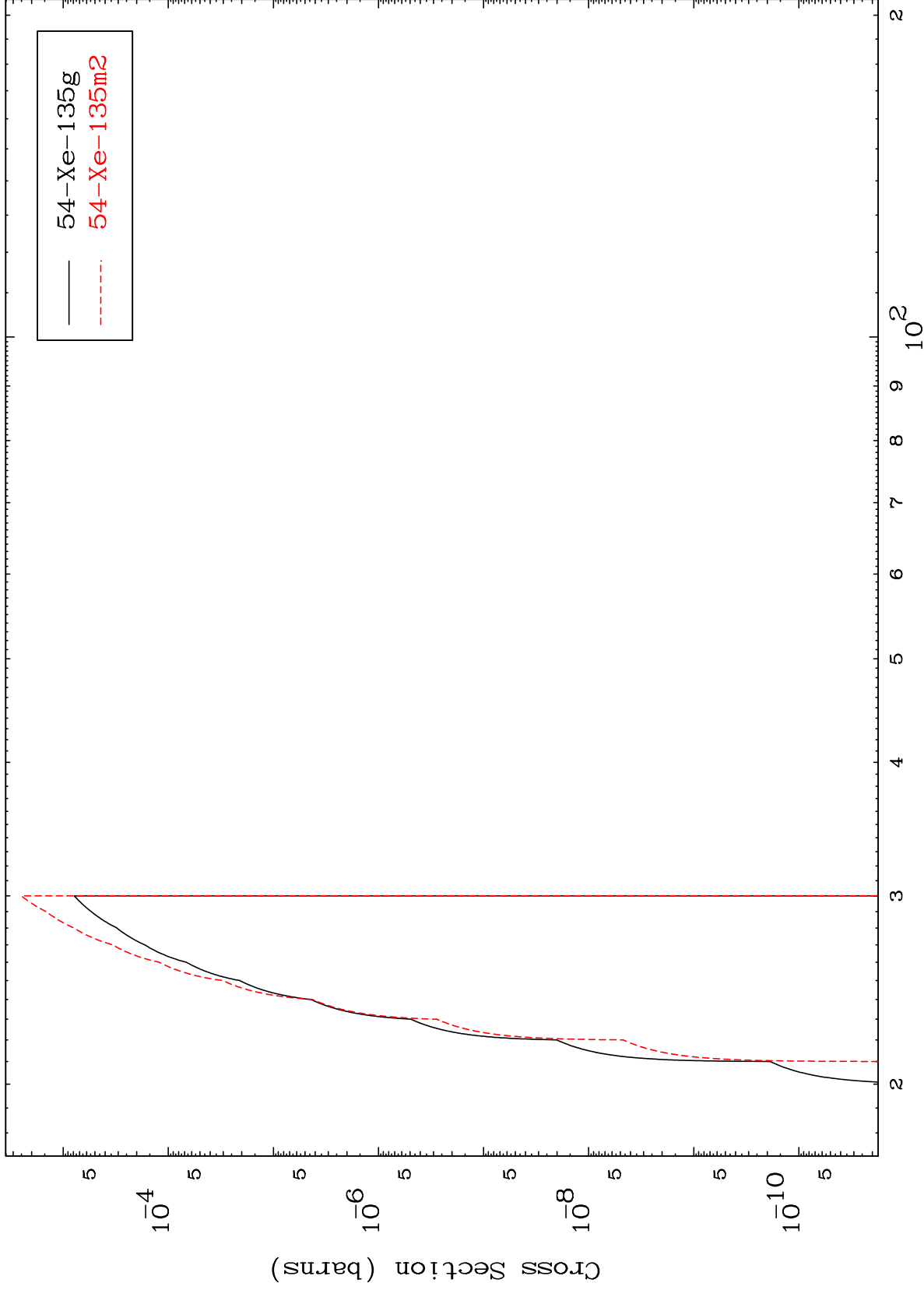
55-Cs-138g
55-Cs-138m3

MAT 5541

(n,2n) d

55-Cs-138

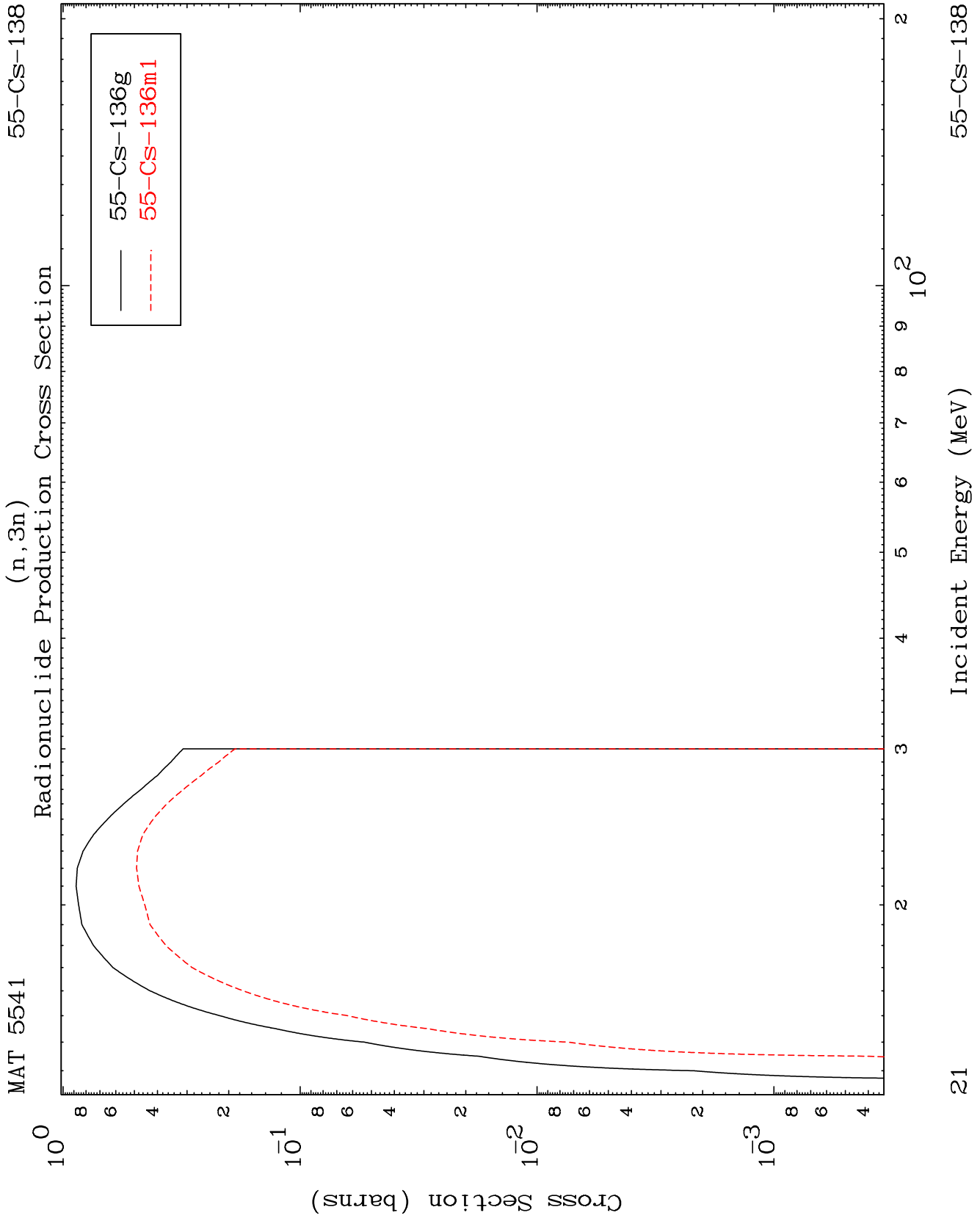
Radionuclide Production Cross Section



20

Incident Energy (MeV)

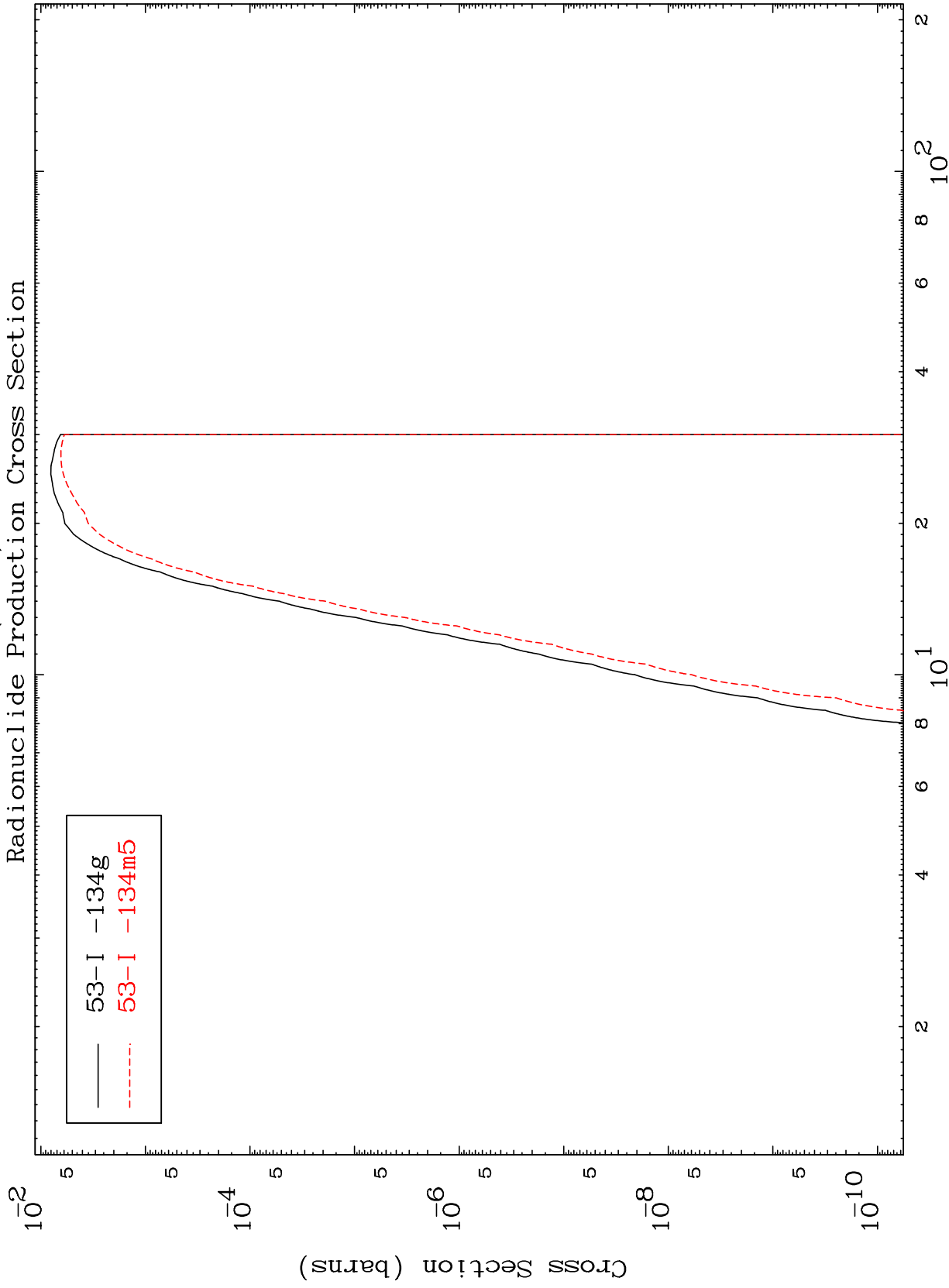
55-Cs-138



MAT 5541

(n,n') α

55-Cs-138



22

Incident Energy (MeV)

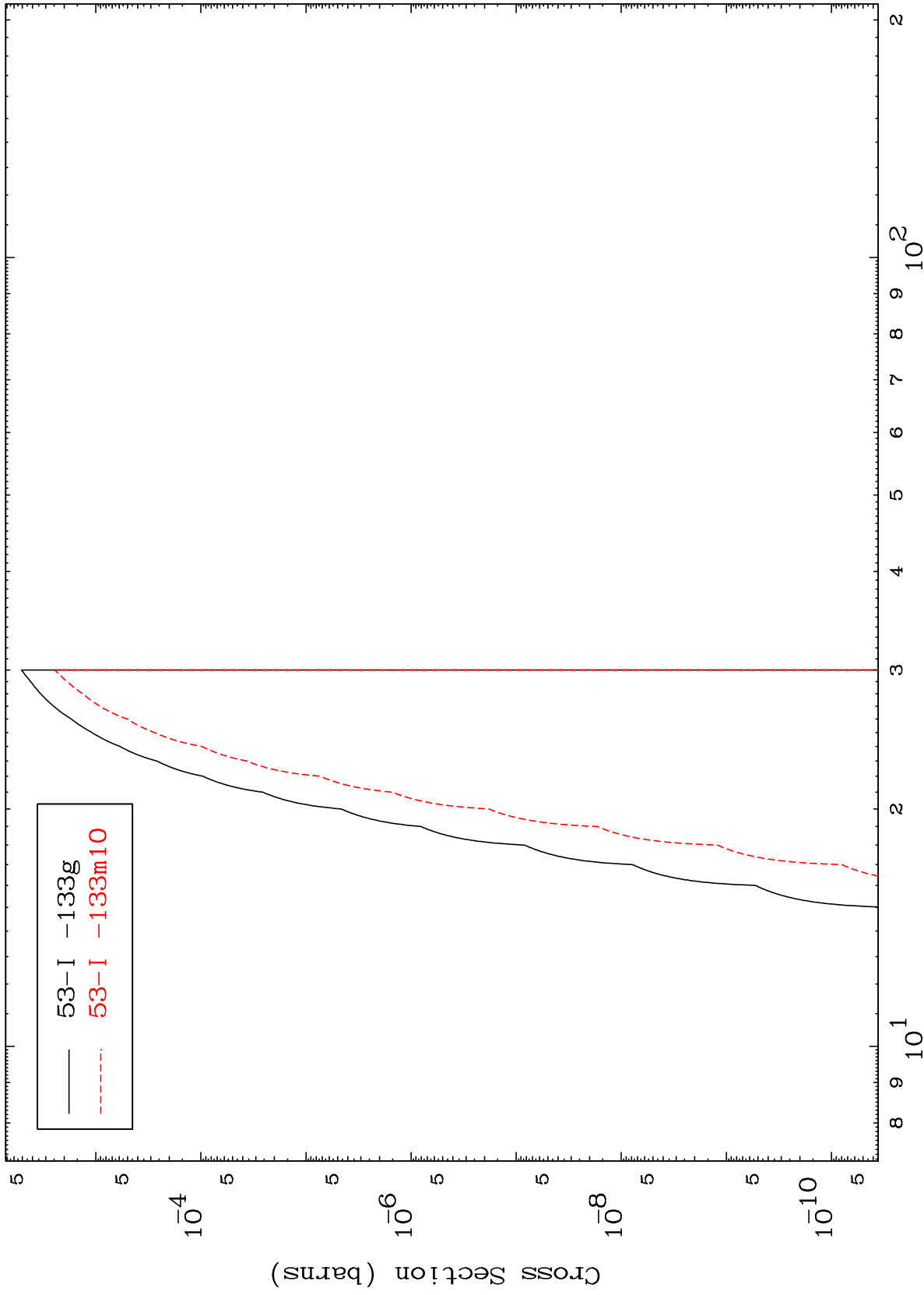
55-Cs-138

MAT 5541

(n,2n) α

55-Cs-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

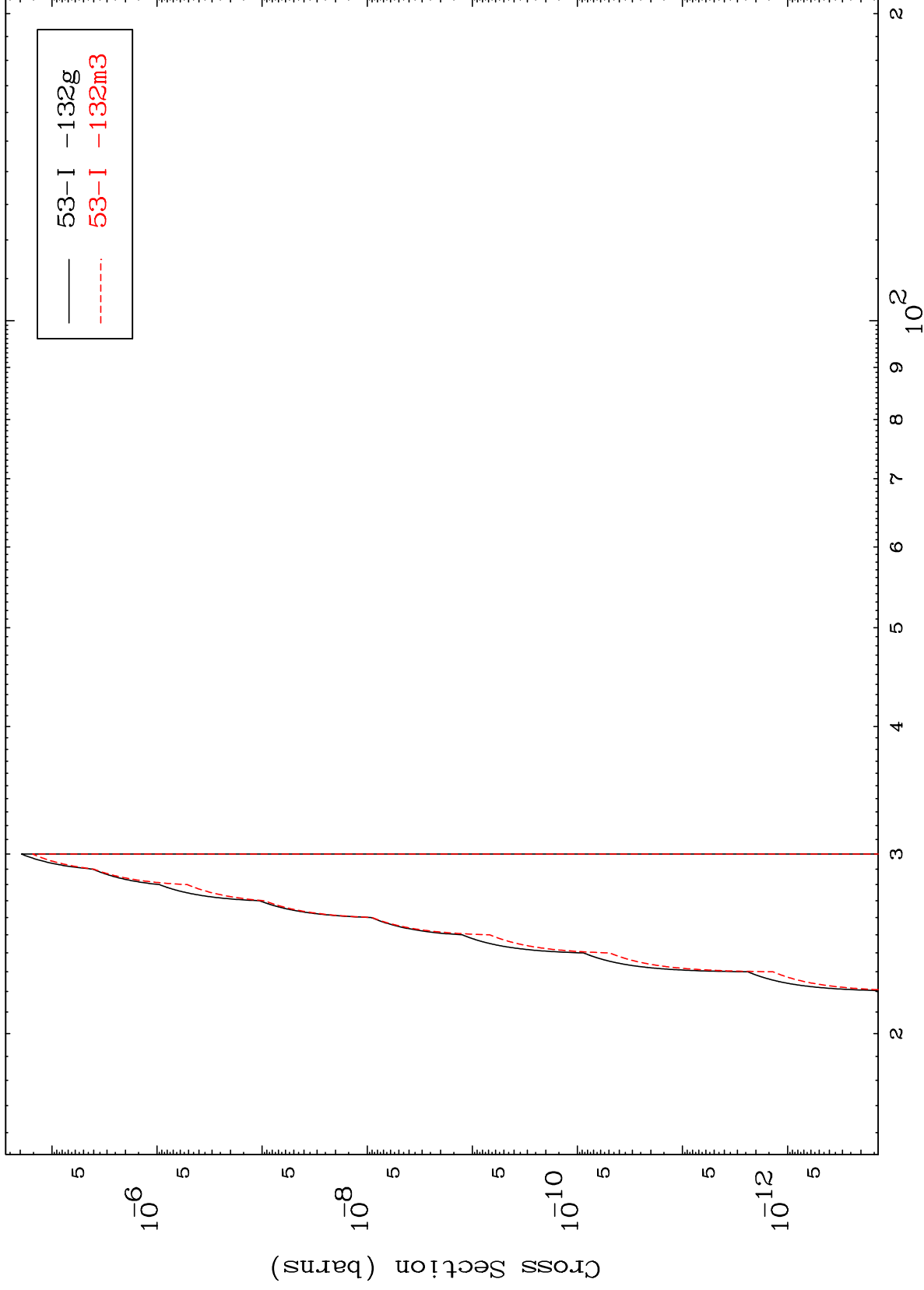
55-Cs-138

MAT 5541

(n,3n) α

55-Cs-138

Radionuclide Production Cross Section



24

Incident Energy (MeV)

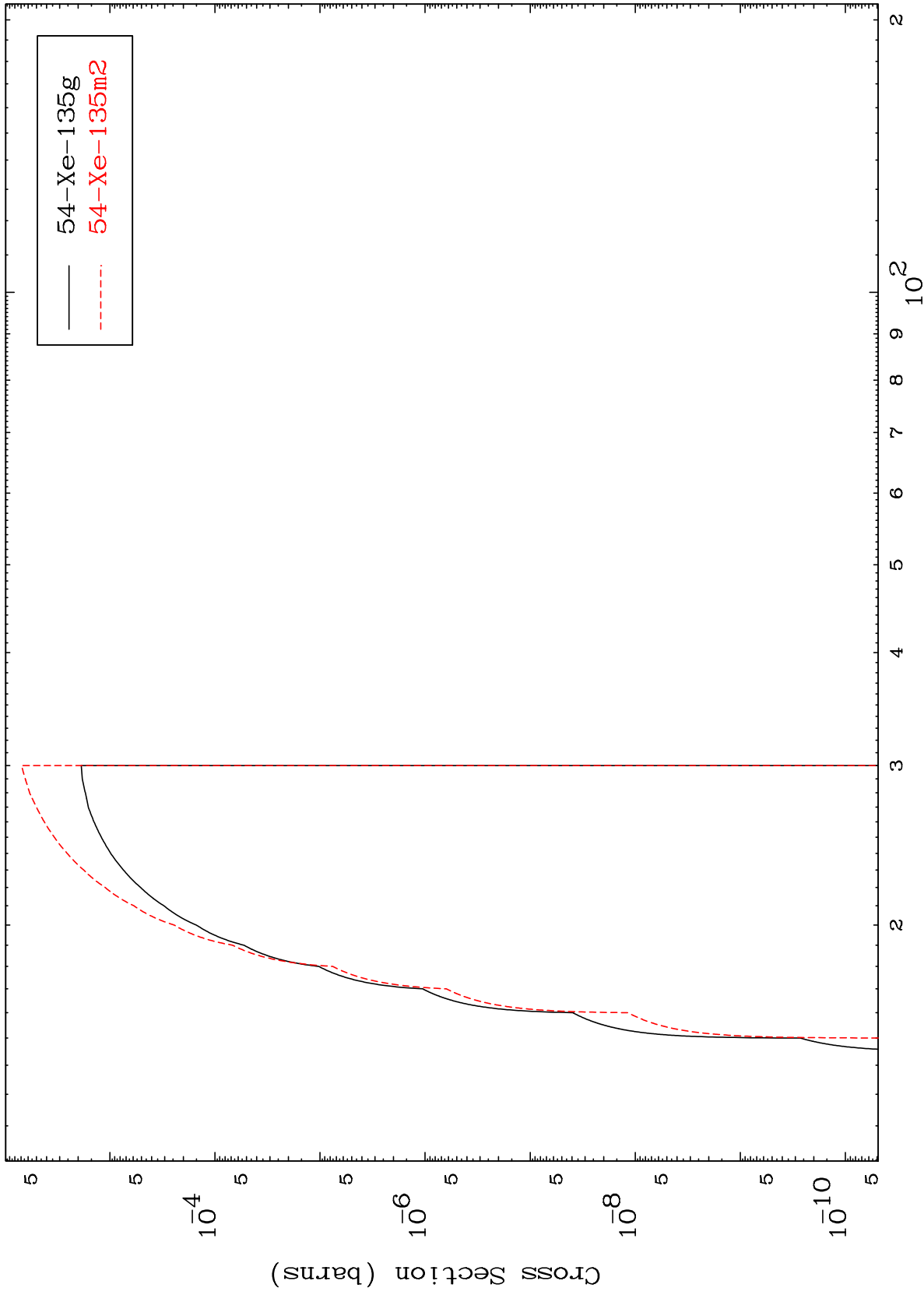
55-Cs-138

MAT 5541

(n,n') t

55-Cs-138

Radionuclide Production Cross Section



25

Incident Energy (MeV)

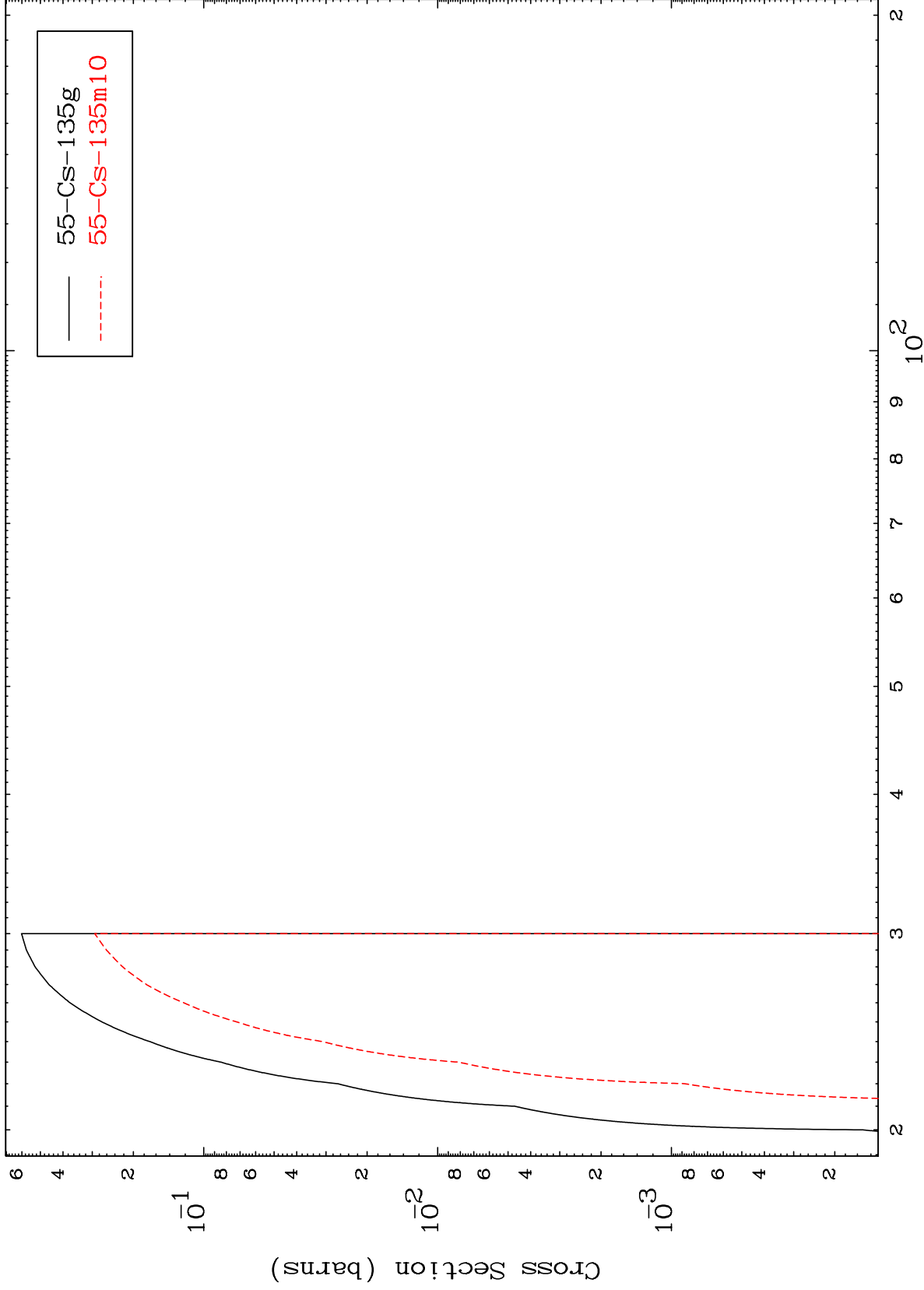
55-Cs-138

MAT 5541

(n,4n)

55-Cs-138

Radionuclide Production Cross Section



26

Incident Energy (MeV)

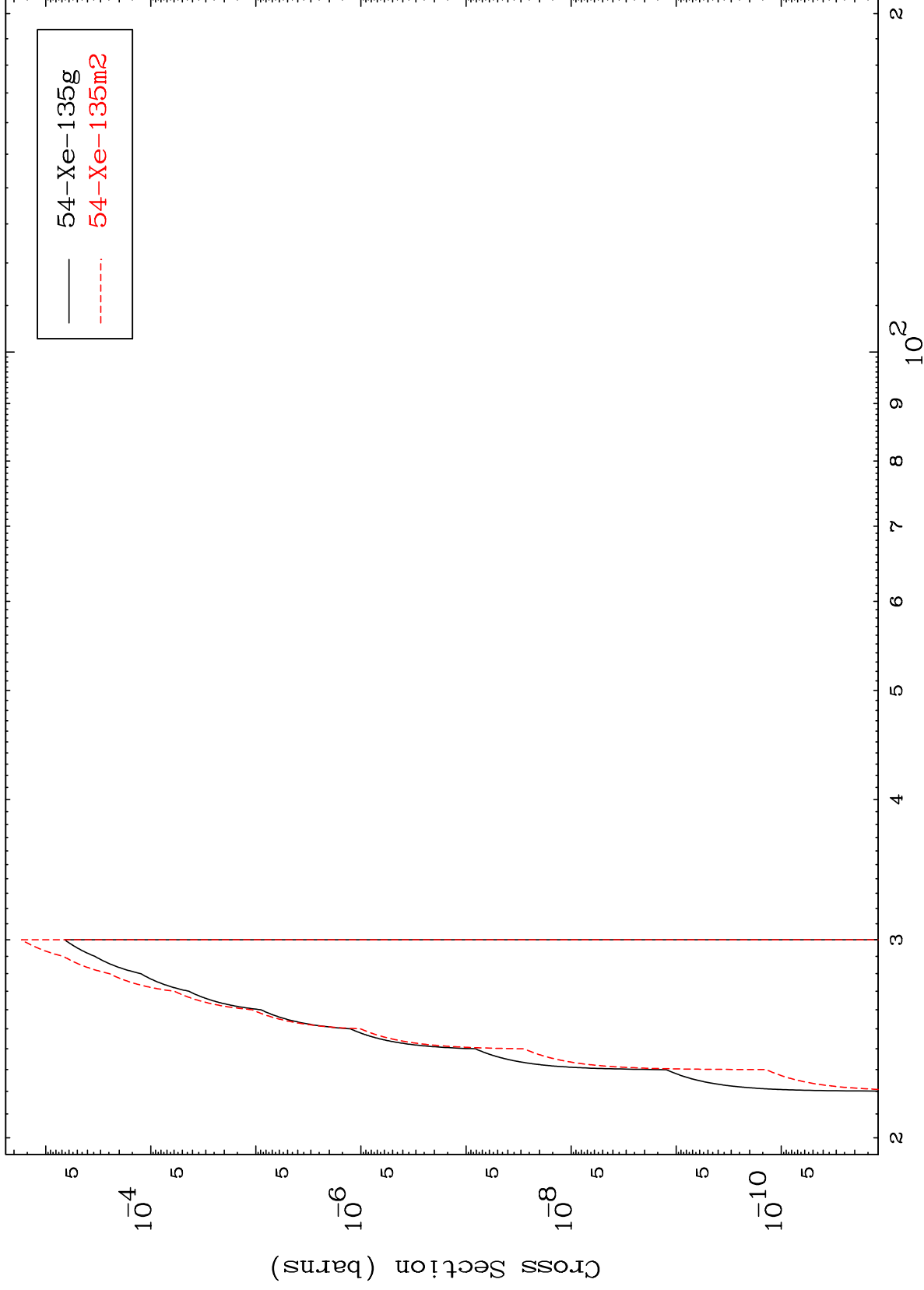
55-Cs-138

MAT 5541

(n,3n) p

55-Cs-138

Radionuclide Production Cross Section



27

Incident Energy (MeV)

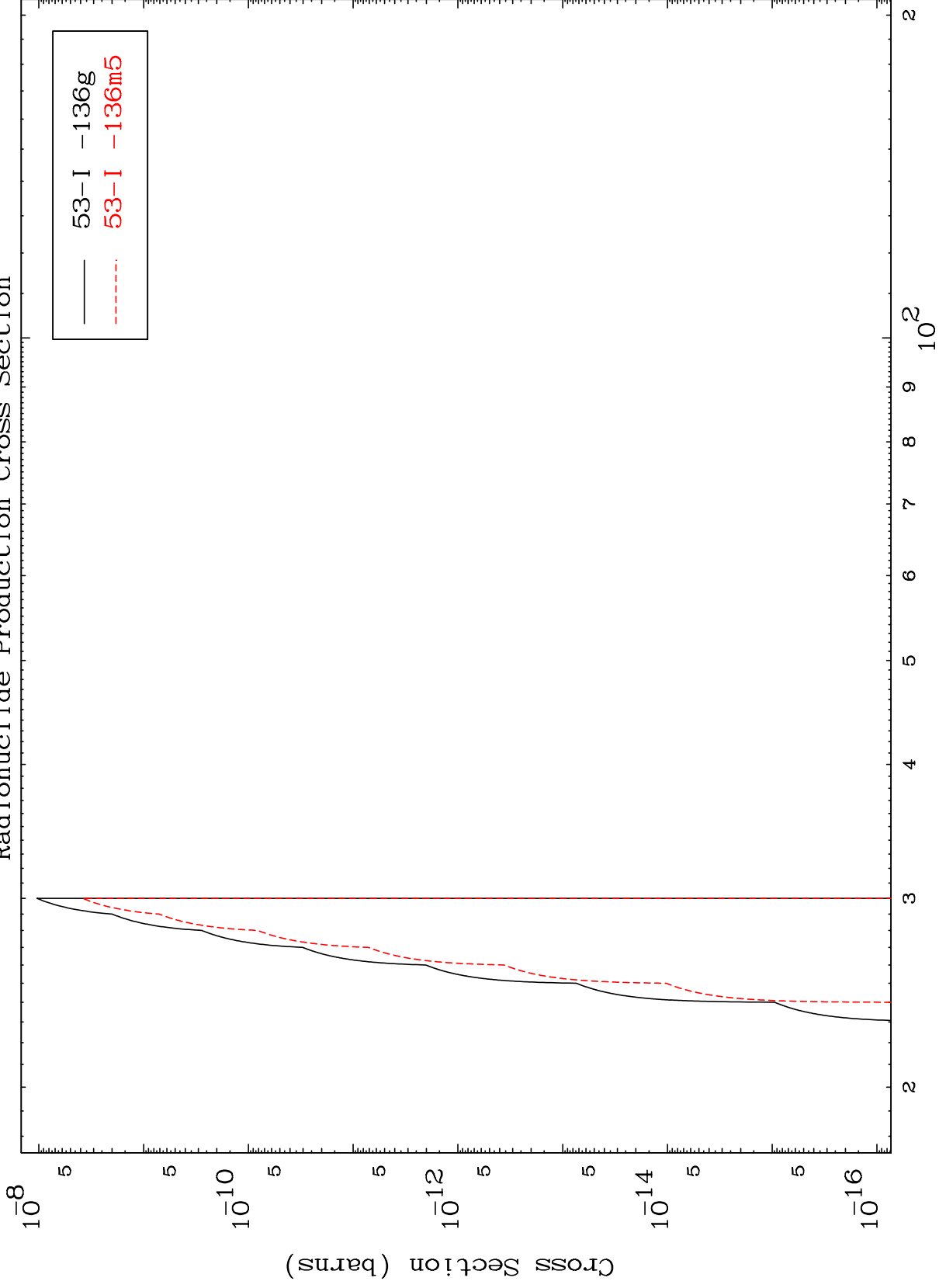
55-Cs-138

MAT 5541

(n,2n) p

55-Cs-138

Radionuclide Production Cross Section



28

Incident Energy (MeV)

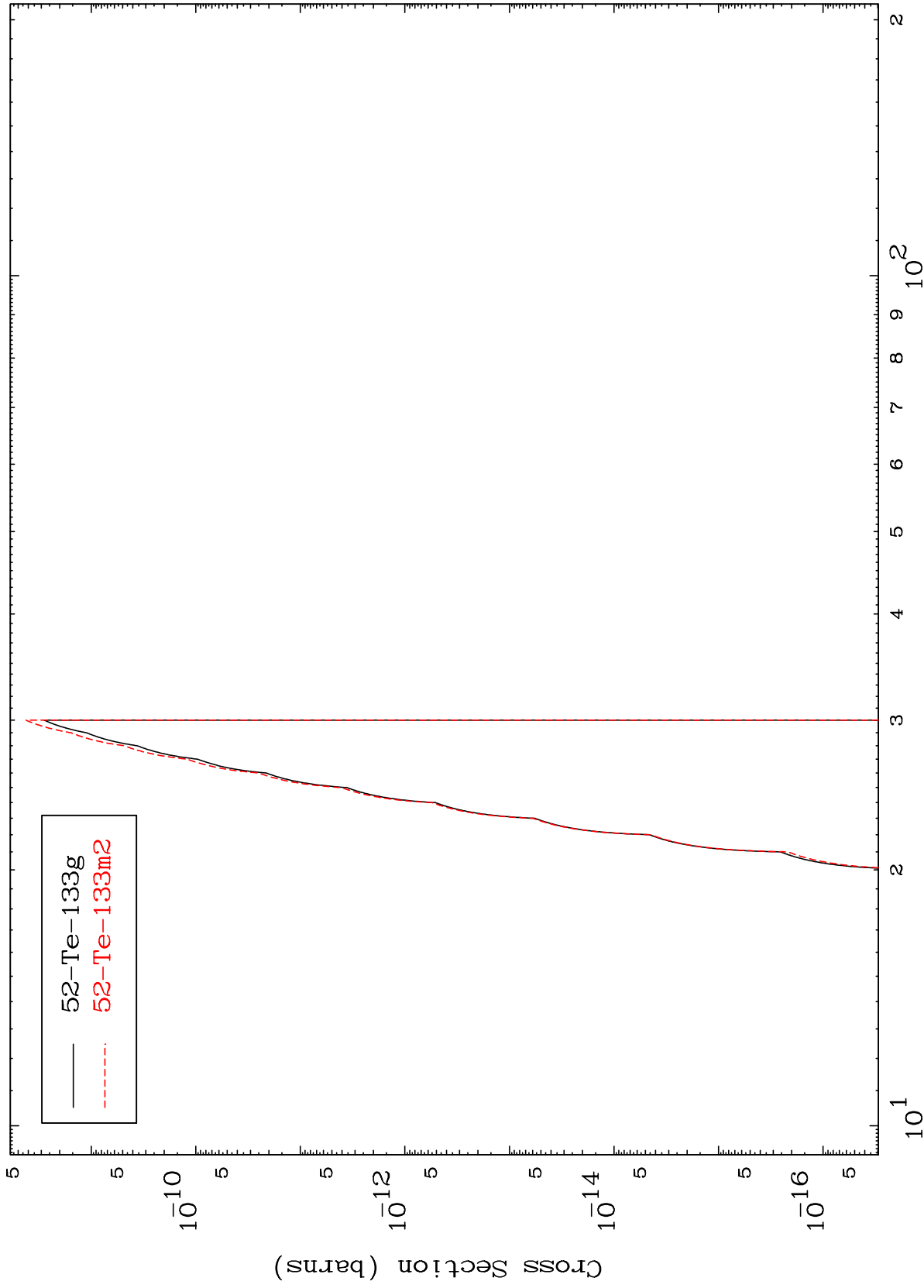
55-Cs-138

MAT 5541

(n,n') p α

55-Cs-138

Radionuclide Production Cross Section



29

Incident Energy (MeV)

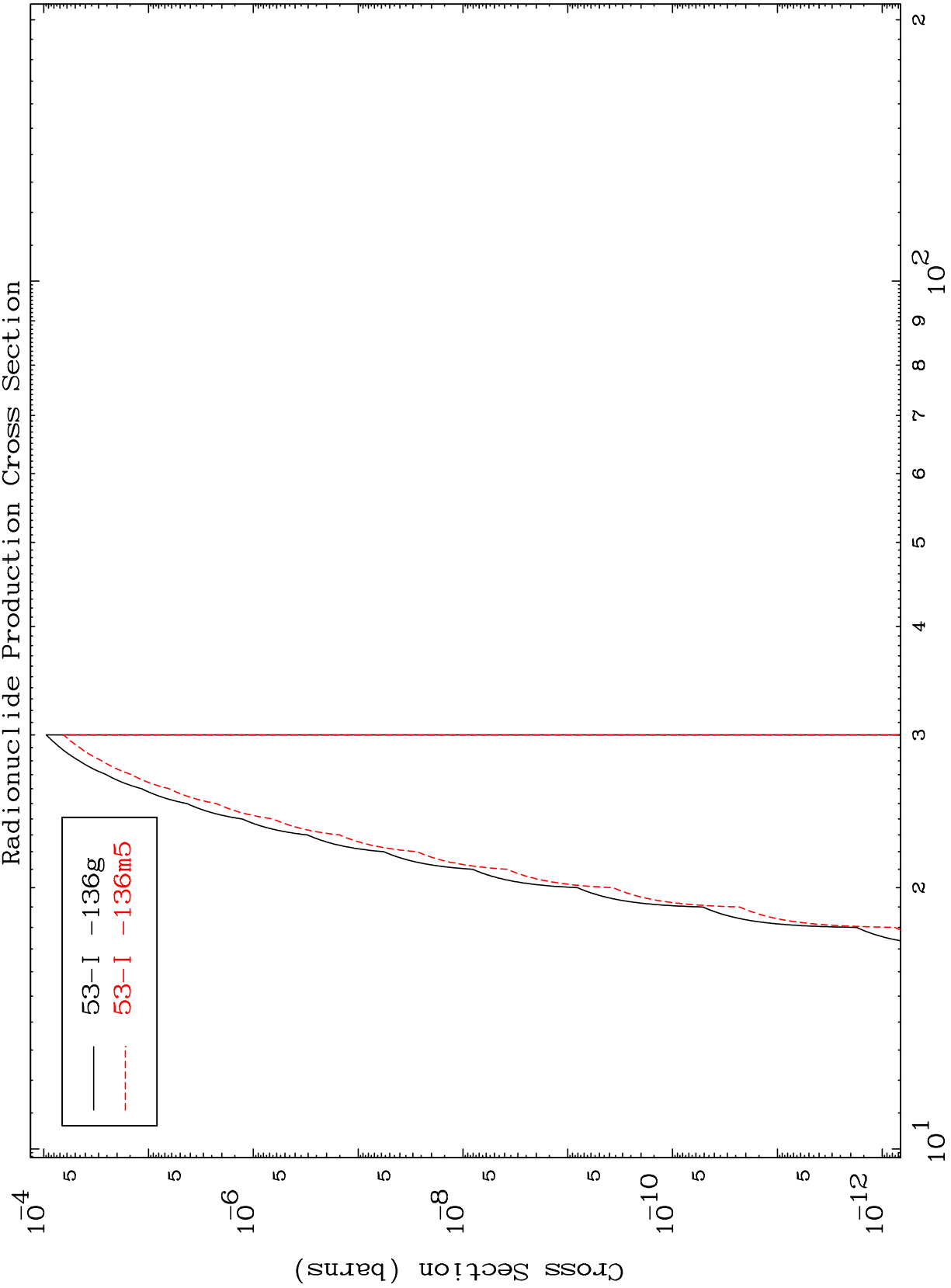
55-Cs-138

MAT 5541

(n, He-3)

55-Cs-138

Radionuclide Production Cross Section



53-I-136g
53-I-136m5

Incident Energy (MeV)

55-Cs-138

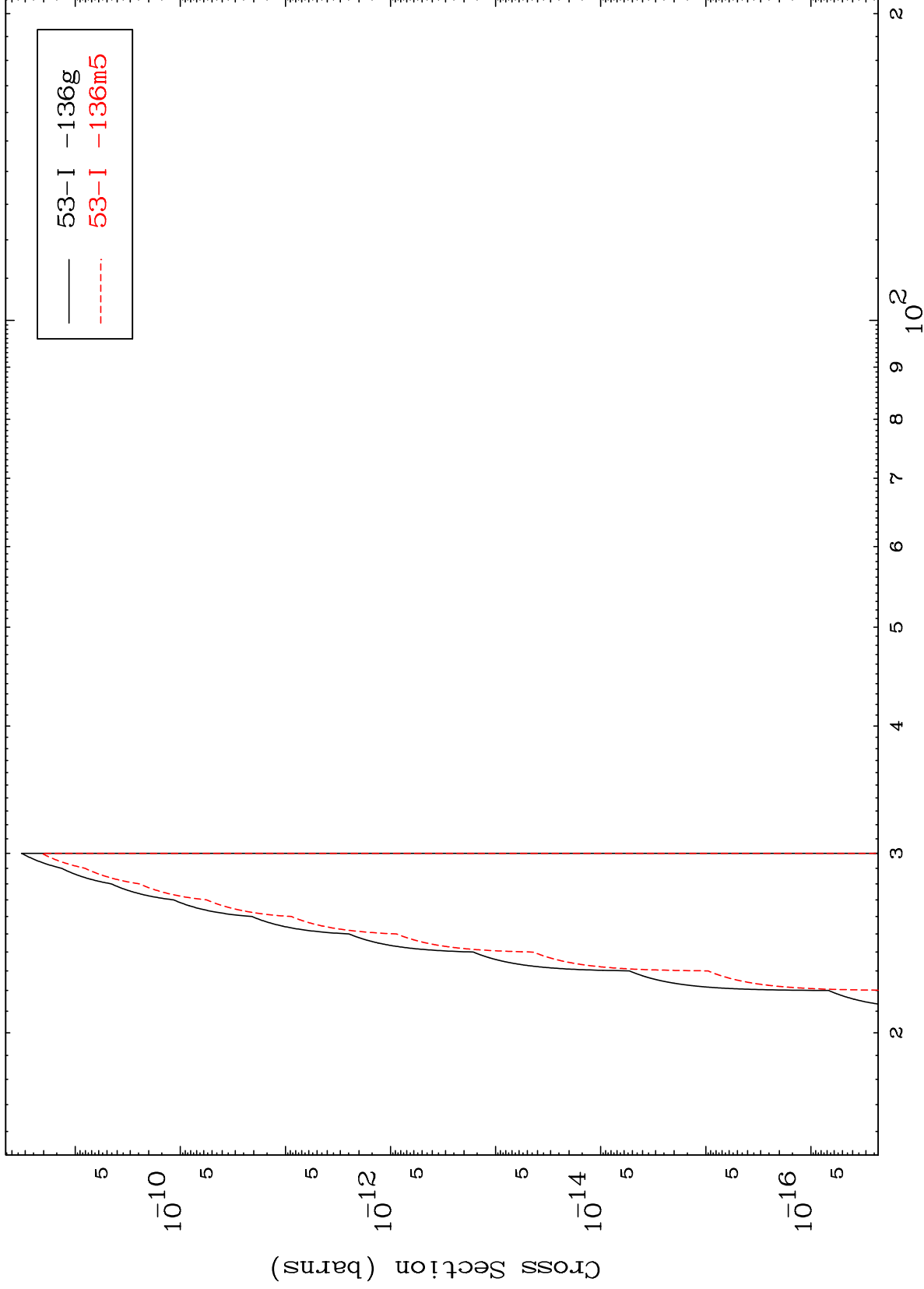
30

MAT 5541

(n,p) d

55-Cs-138

Radionuclide Production Cross Section



31

Incident Energy (MeV)

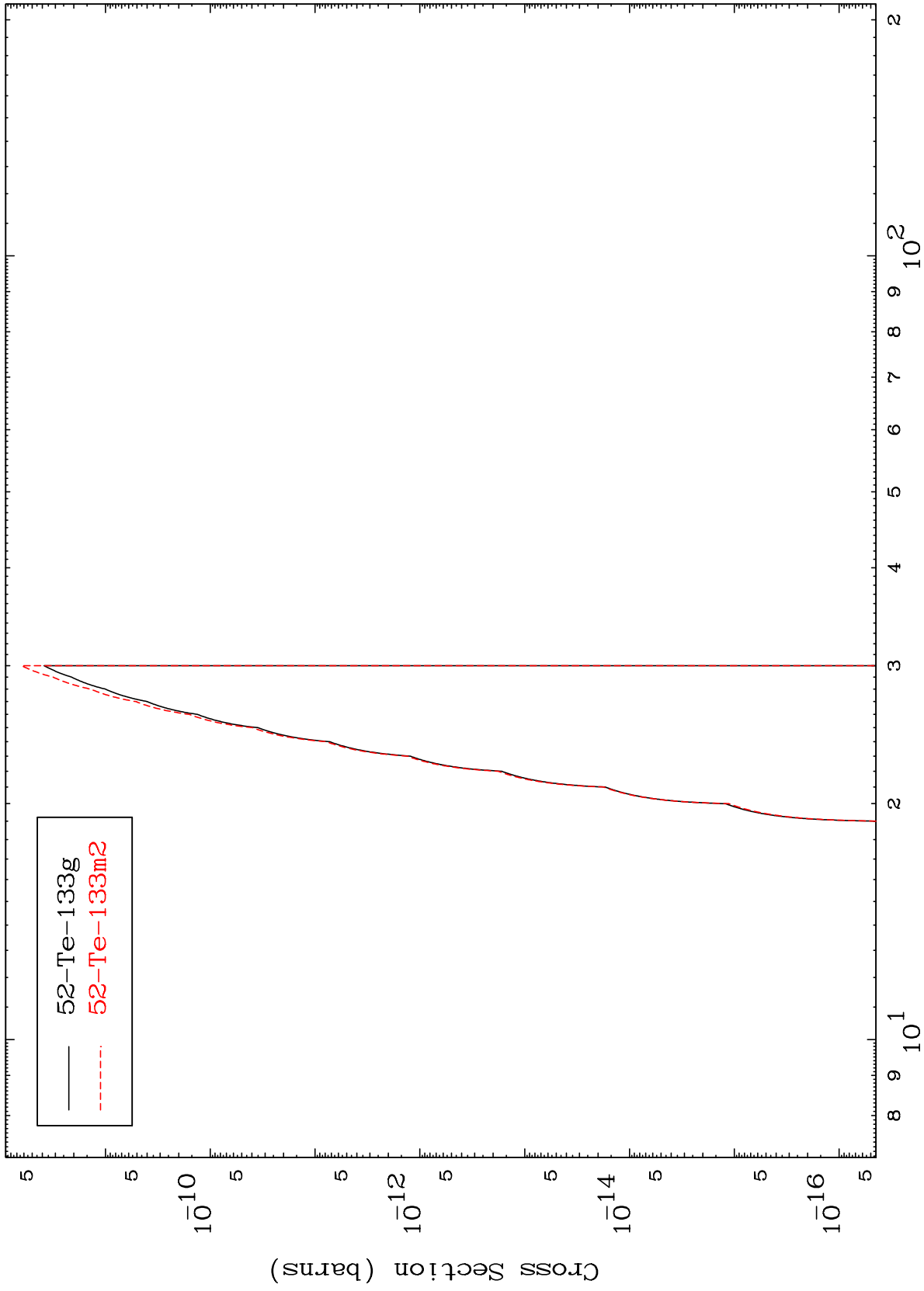
55-Cs-138

MAT 5541

(n,d) α

55-Cs-138

Radionuclide Production Cross Section



32

Incident Energy (MeV)

55-Cs-138