

Program EVALPLOT
(Version 2018-1)

by

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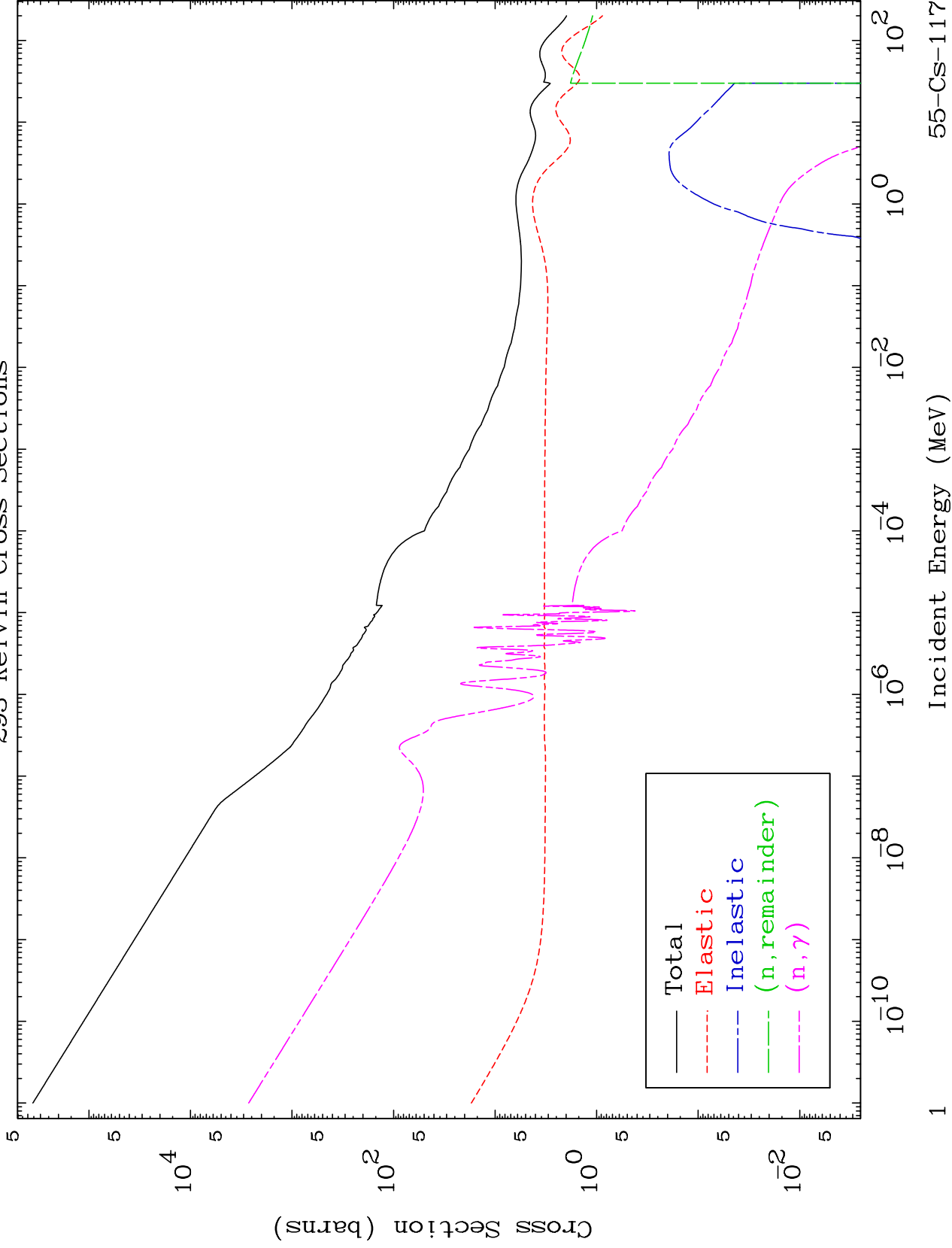
Press Mouse Button to Start

MAT 5477

Major

293 Kelvin Cross Sections

55-Cs-117



1

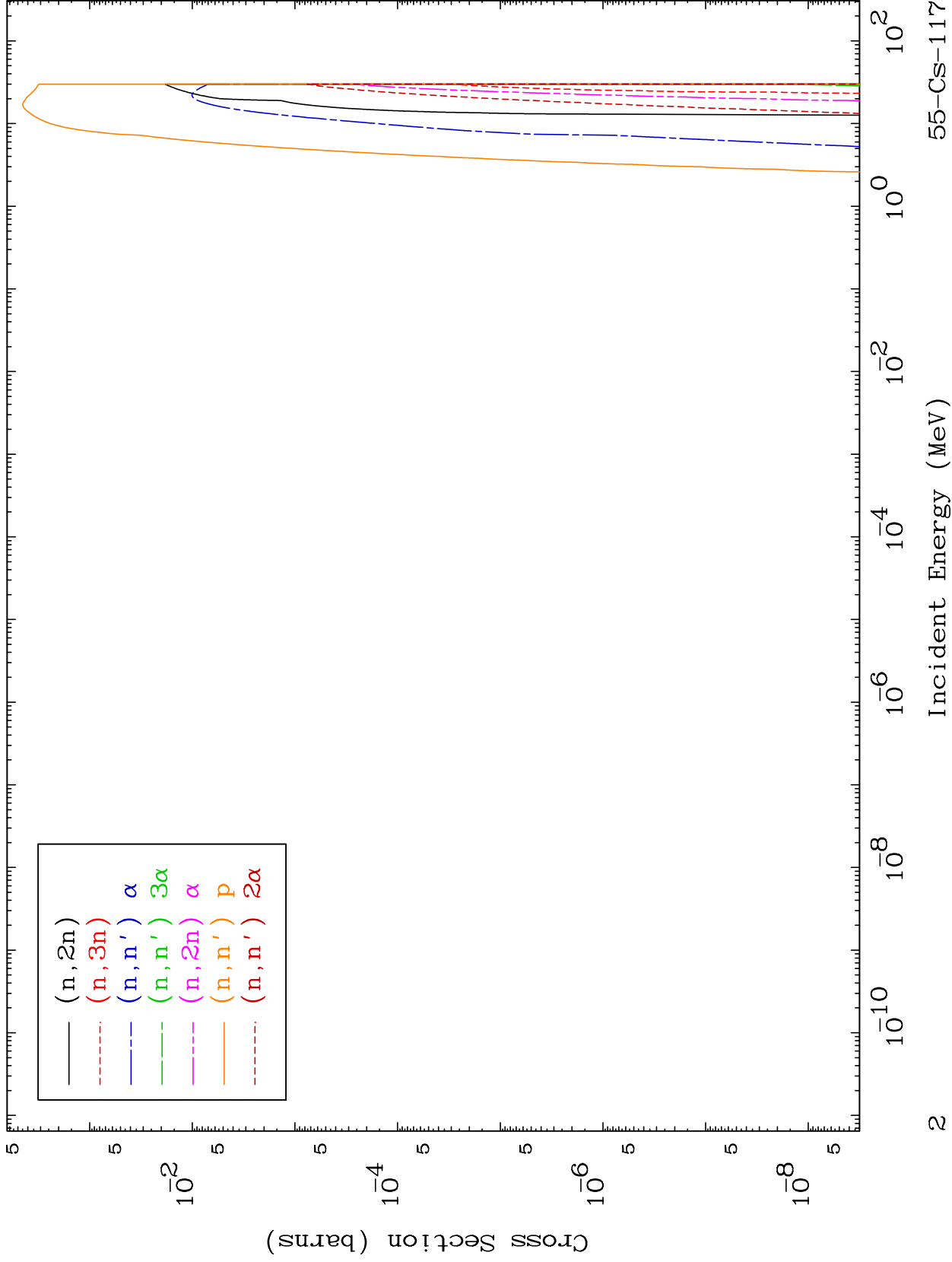
Incident Energy (MeV)

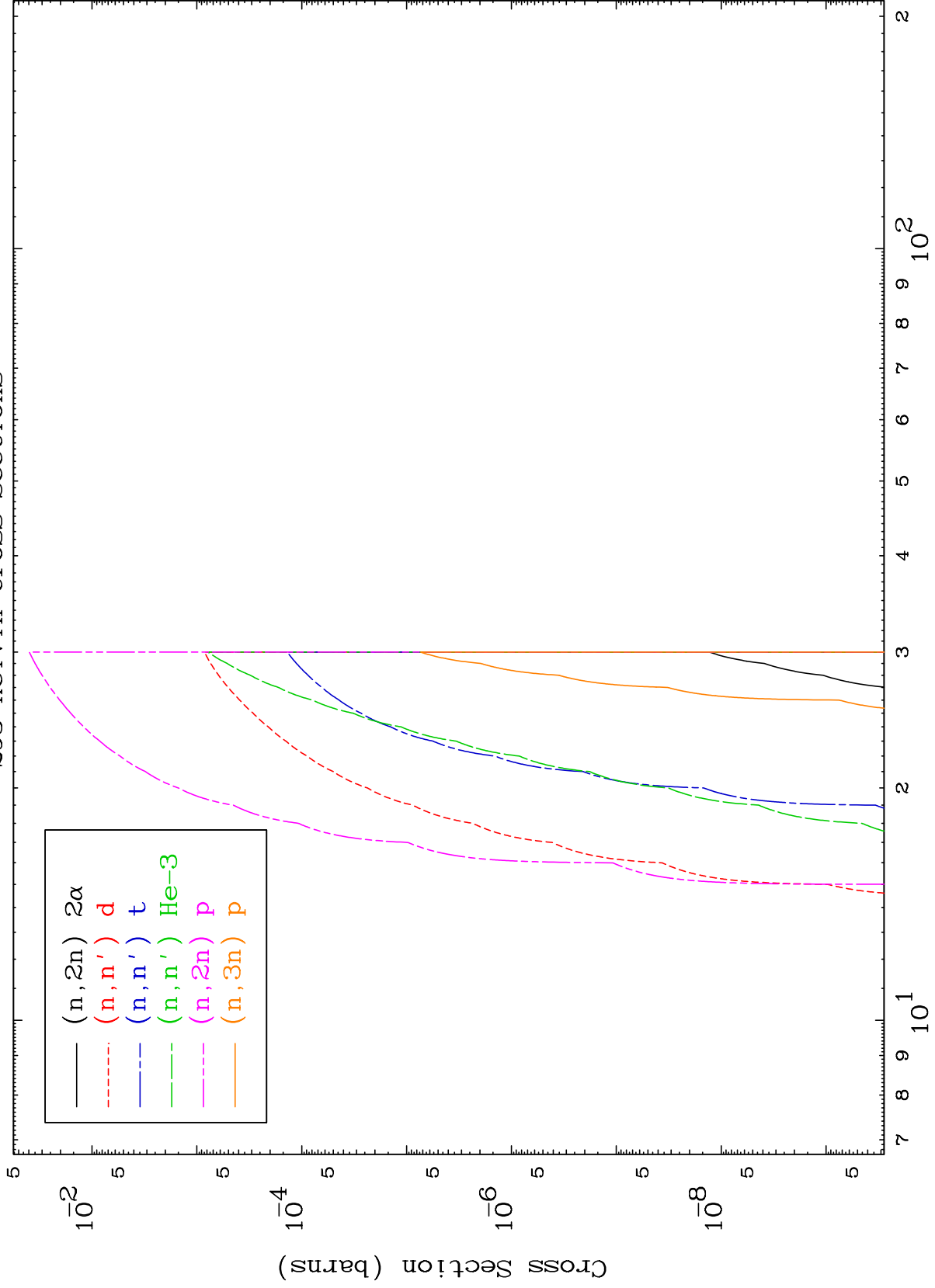
55-Cs-117

MAT 5477

Neutron Production
293 Kelvin Cross Sections

55-Cs-117

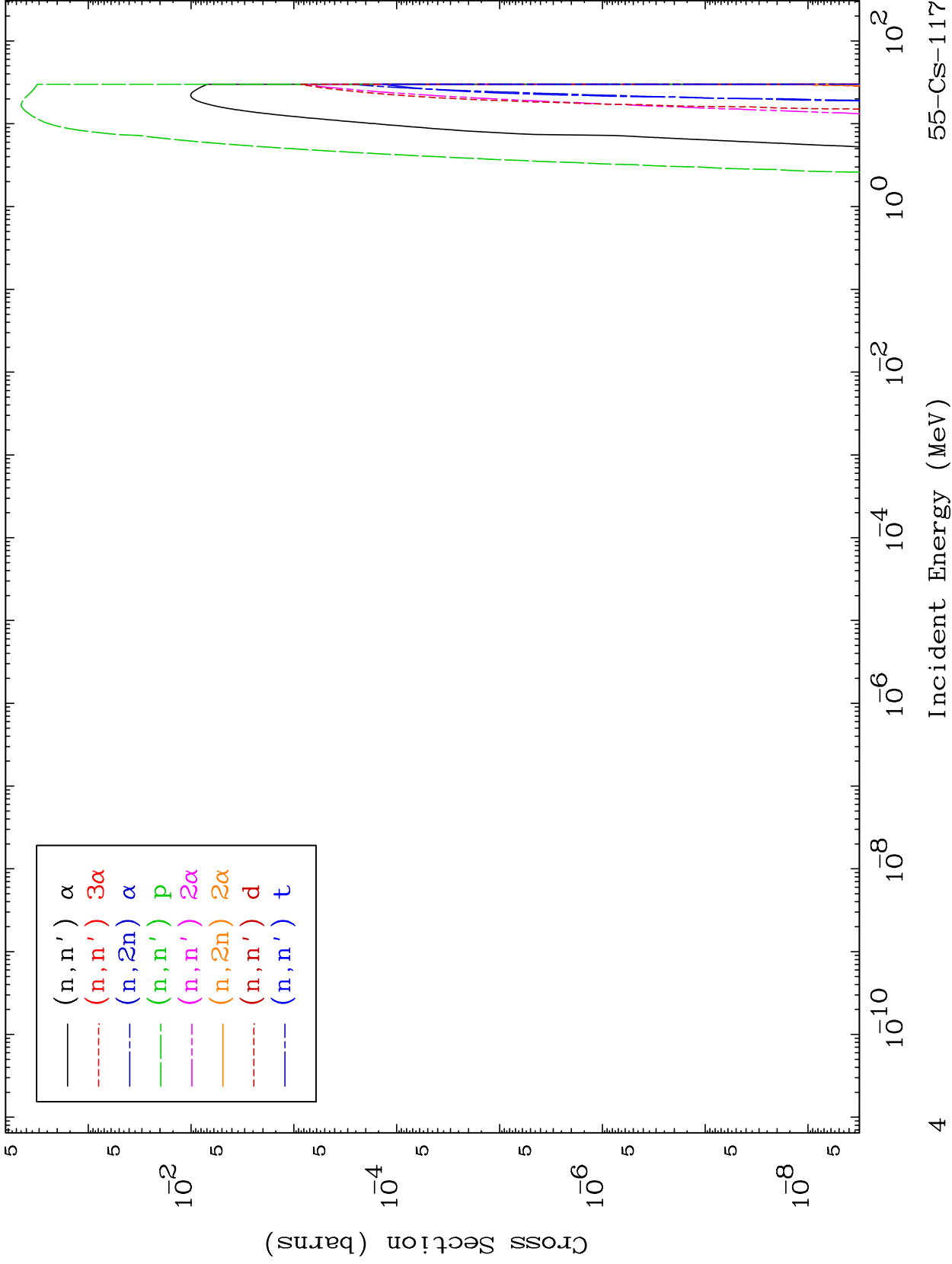




MAT 5477

Charged Particle
293 Kelvin Cross Sections

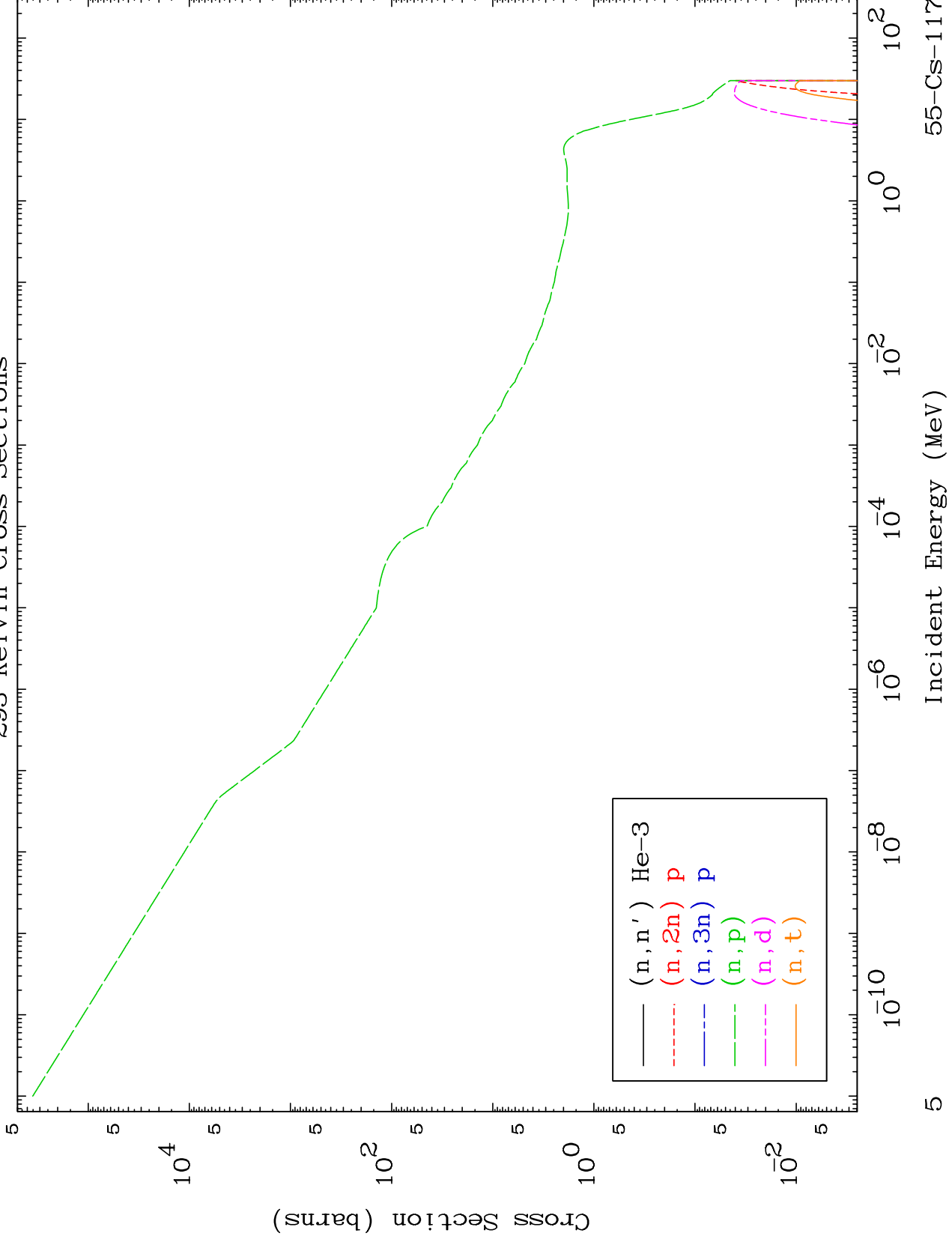
55-Cs-117



MAT 54777

Charged Particle
293 Kelvin Cross Sections

55-Cs-117

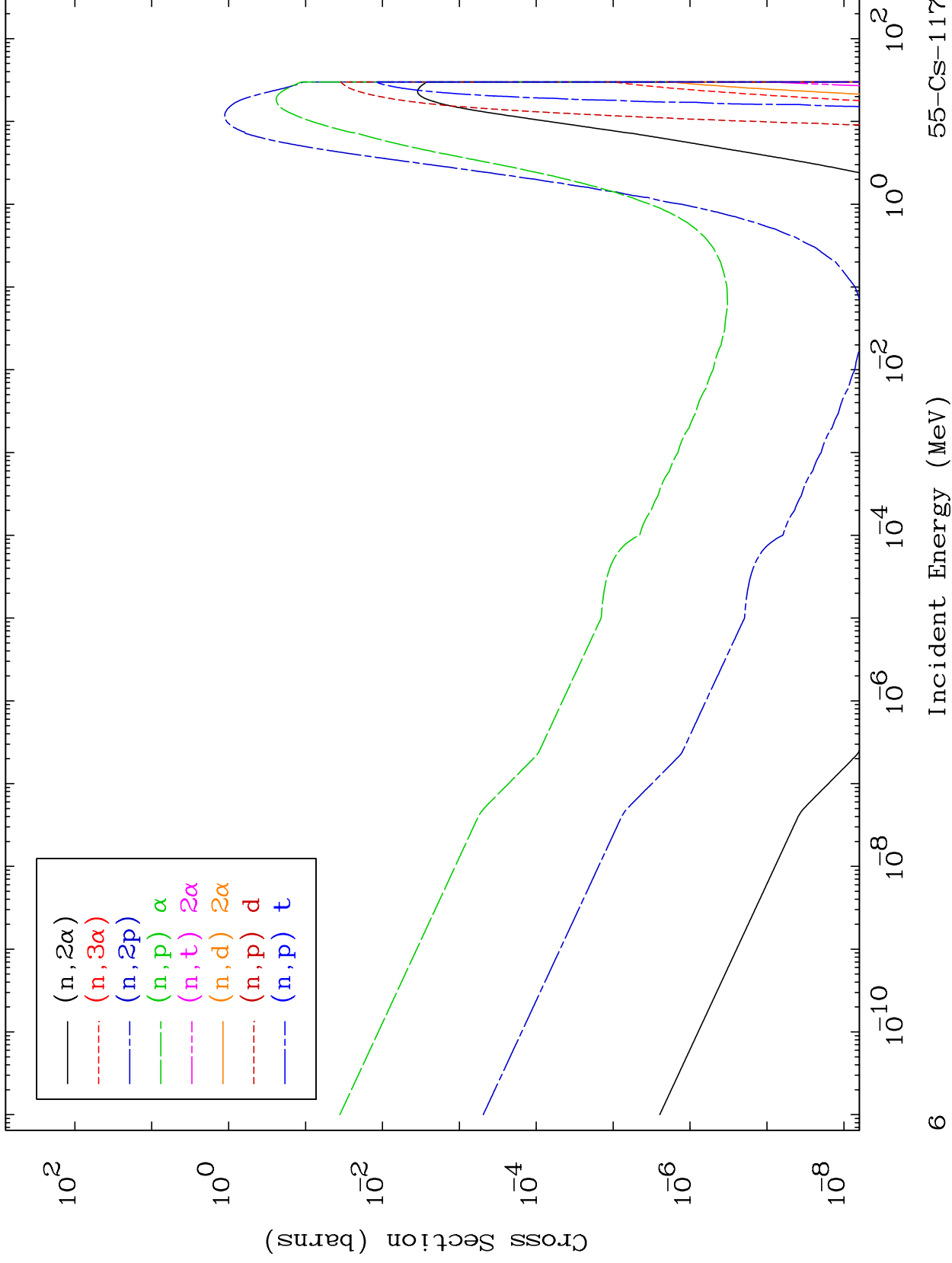


5

MAT 5477

Charged Particle
293 Kelvin Cross Sections

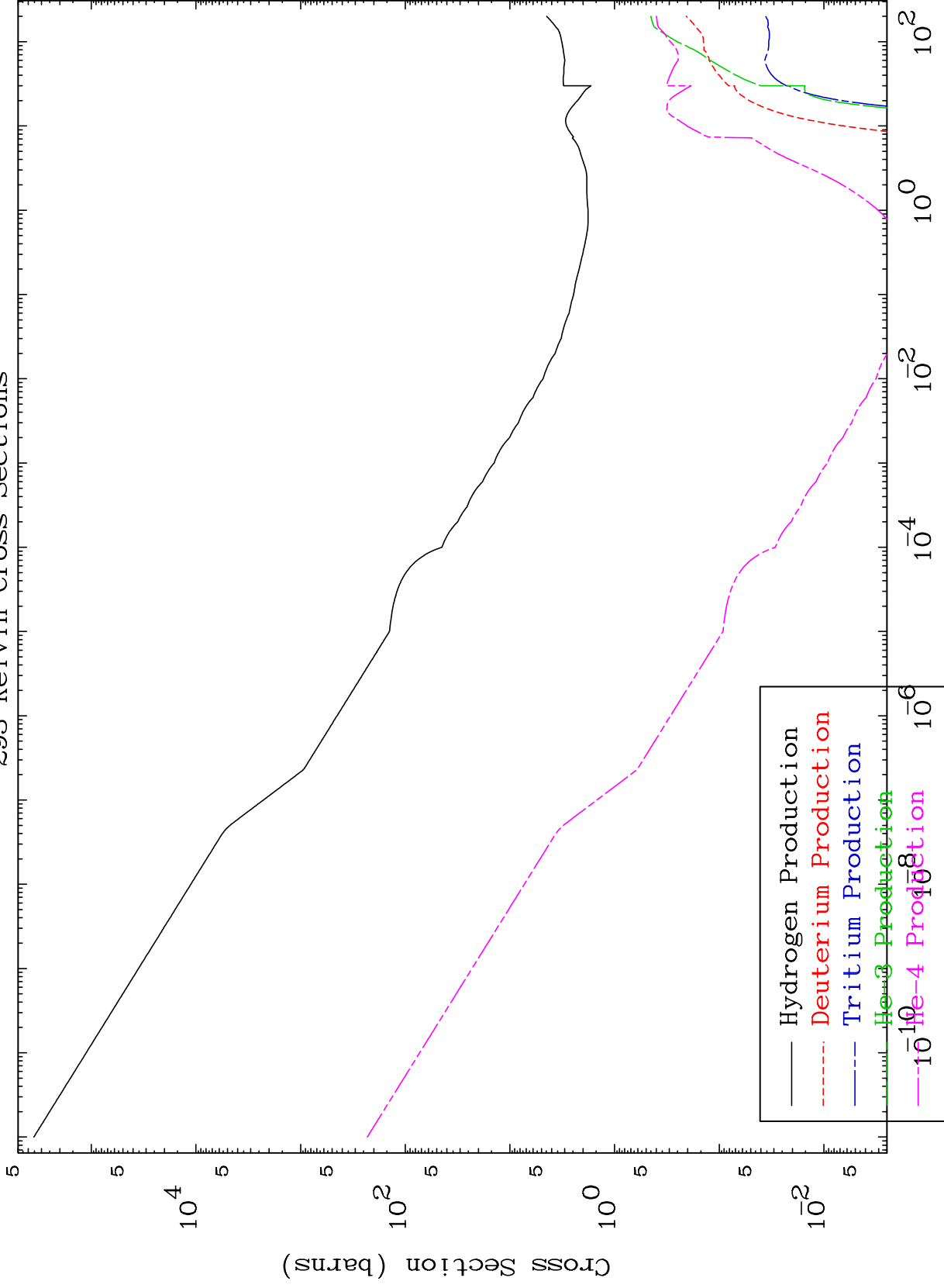
55-Cs-117



MAT 5477

Particle Production
293 Kelvin Cross Sections

55-Cs-117

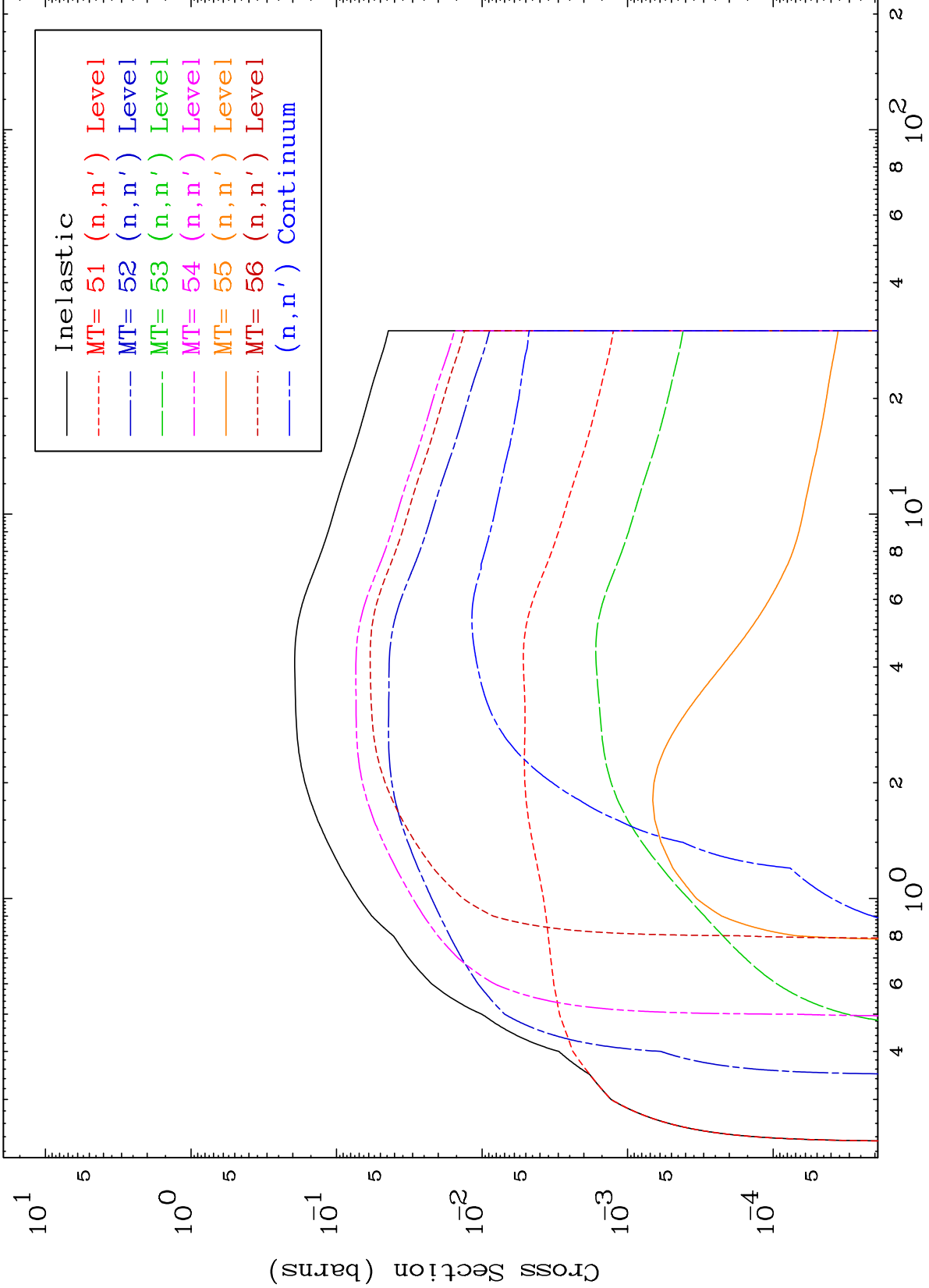


55-Cs-117

Incident Energy (MeV)

7

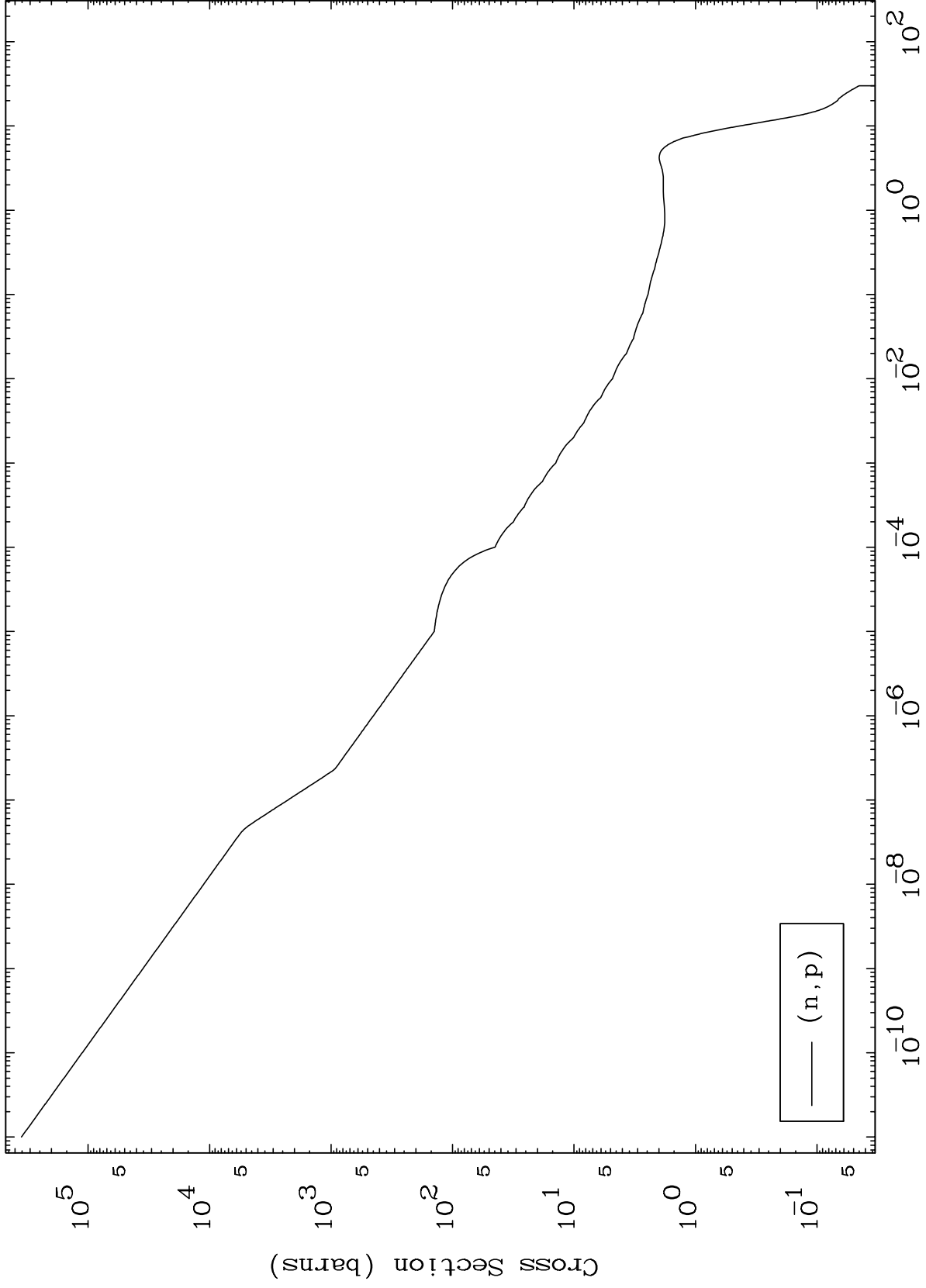
293 Kelvin Cross Sections



MAT 5477

(n,p) Levels
293 Kelvin Cross Sections

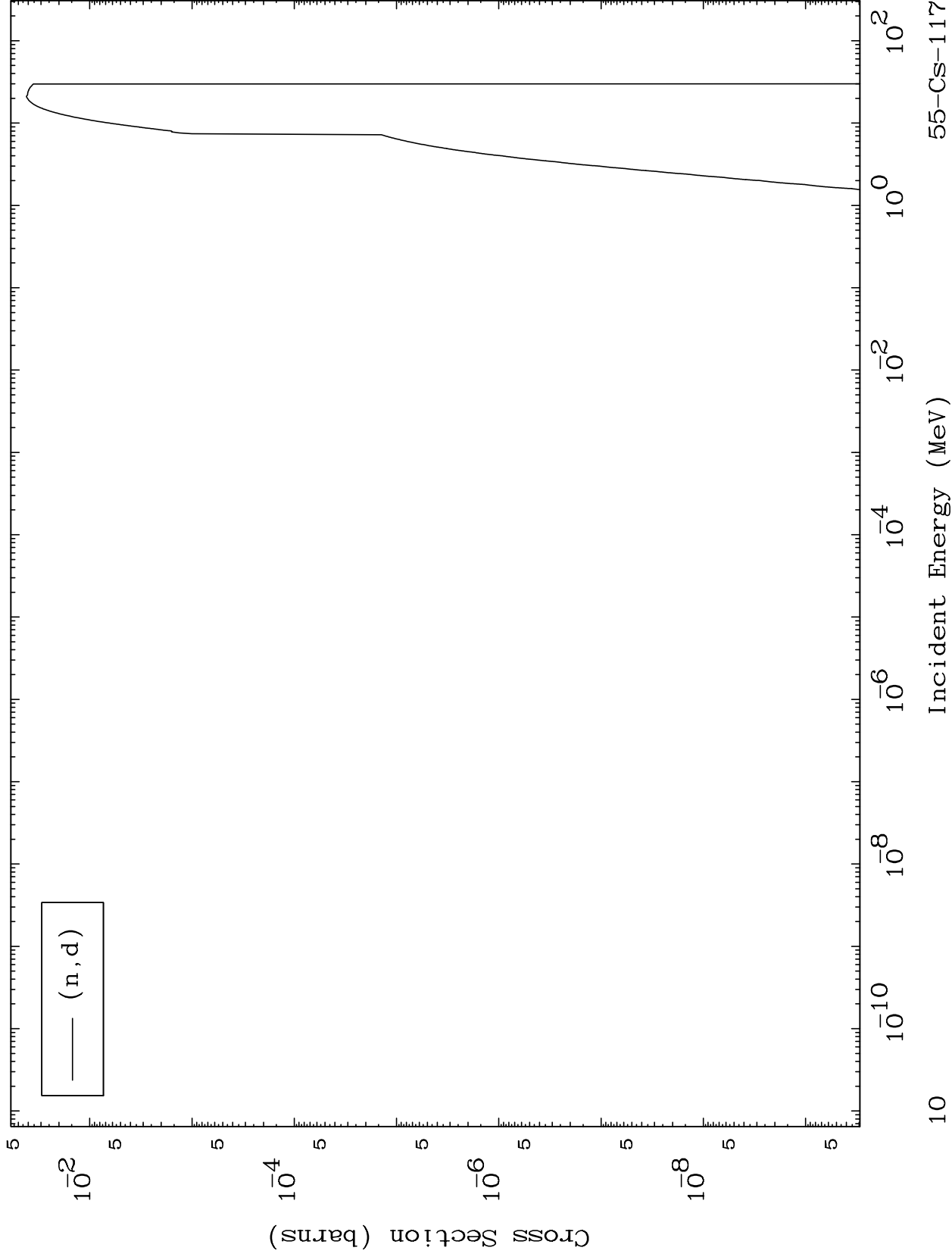
55-Cs-117



MAT 5477

(n,d) Levels
293 Kelvin Cross Sections

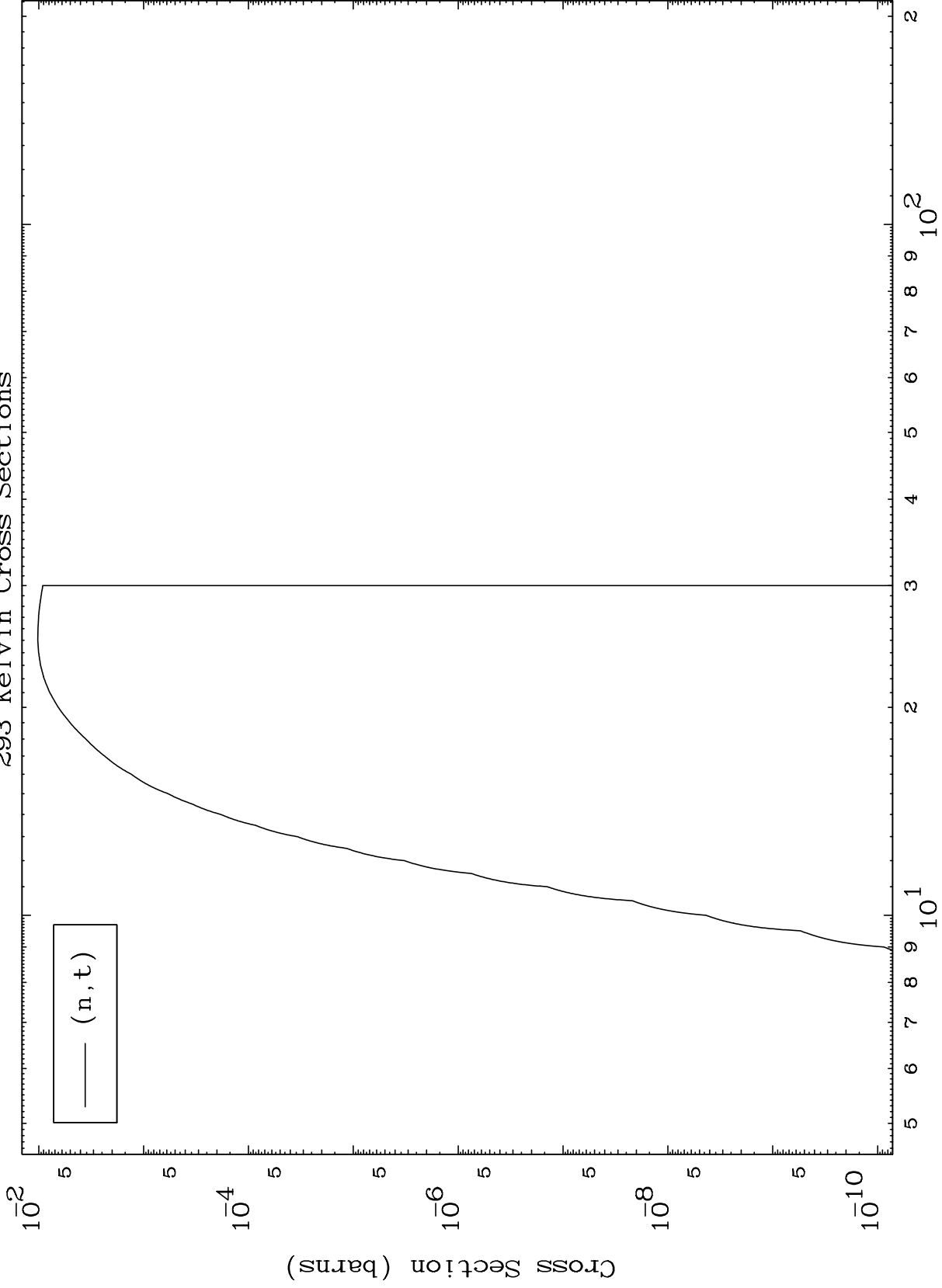
55-Cs-117



10

Incident Energy (MeV)

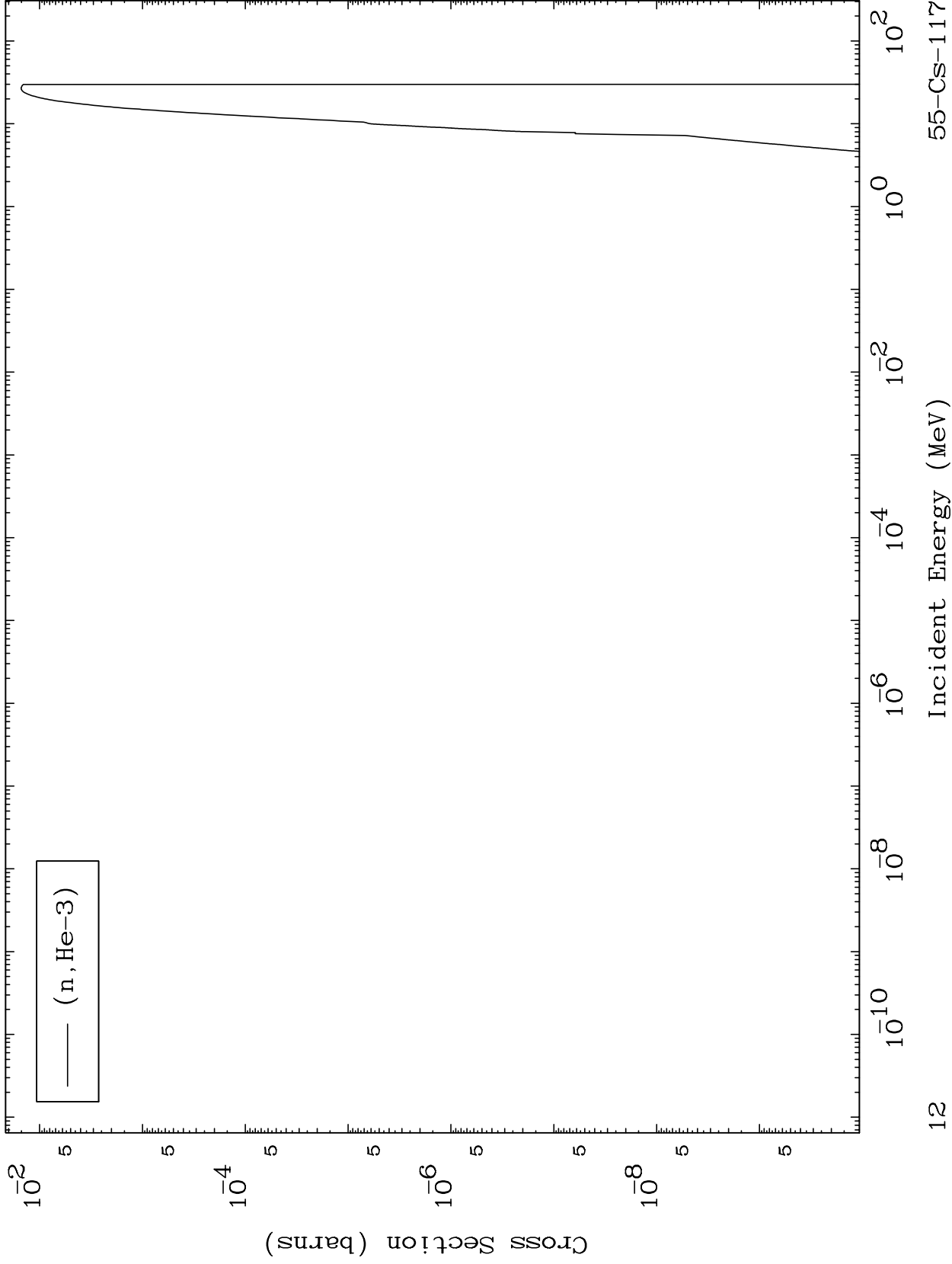
55-Cs-117



MAT 5477

(n,He3) Levels
293 Kelvin Cross Sections

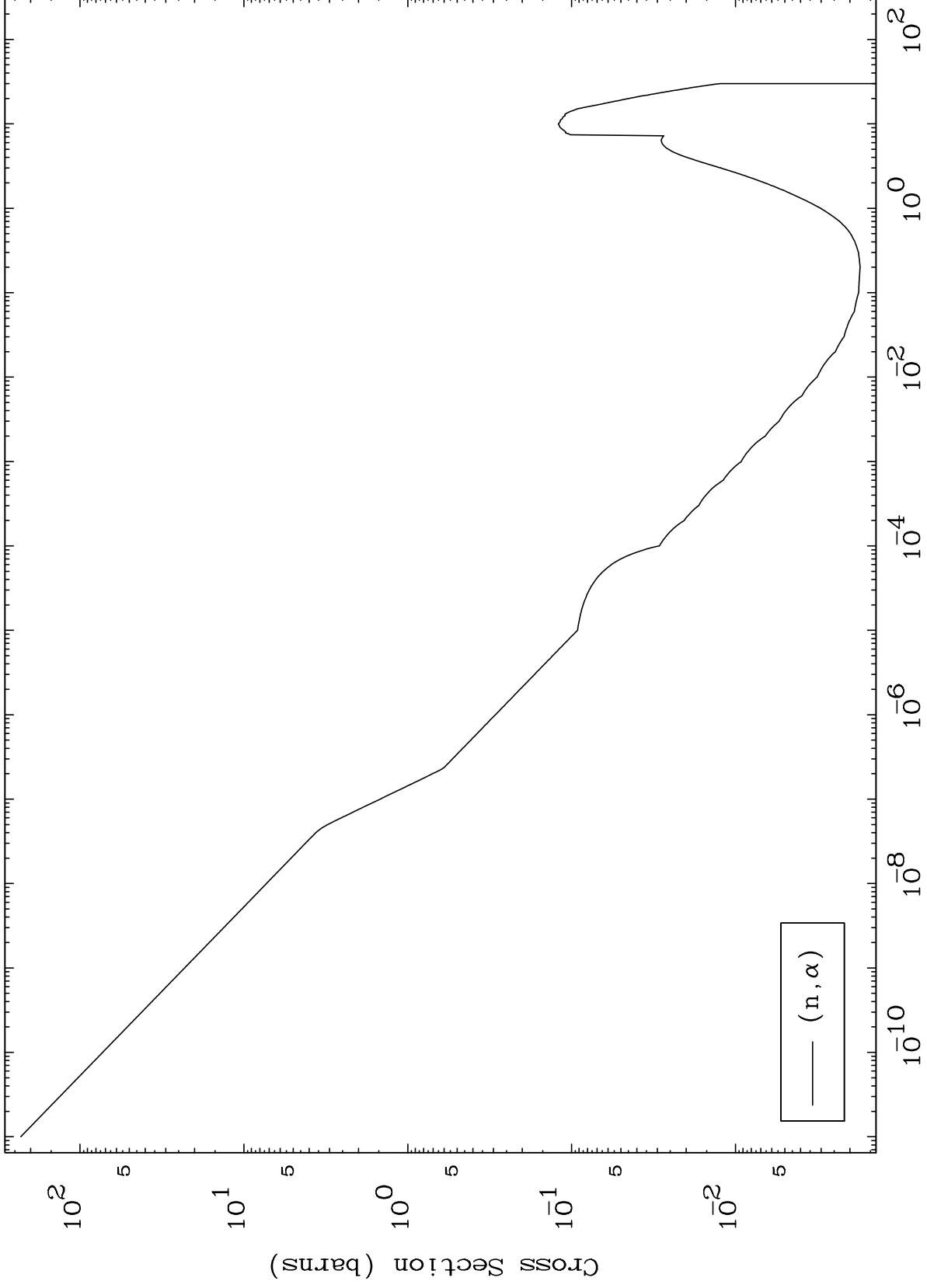
55-Cs-117

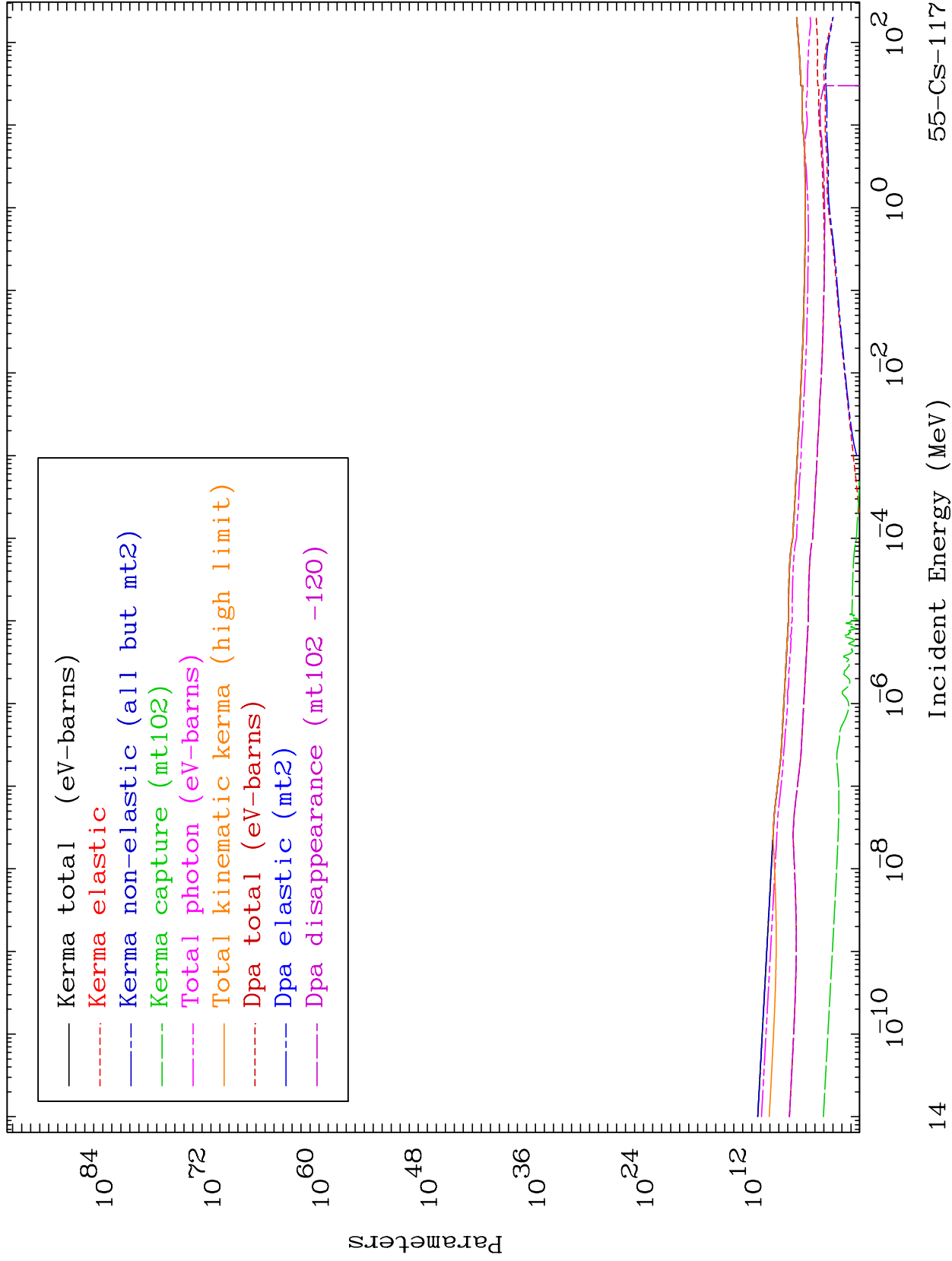


MAT 5477

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-117

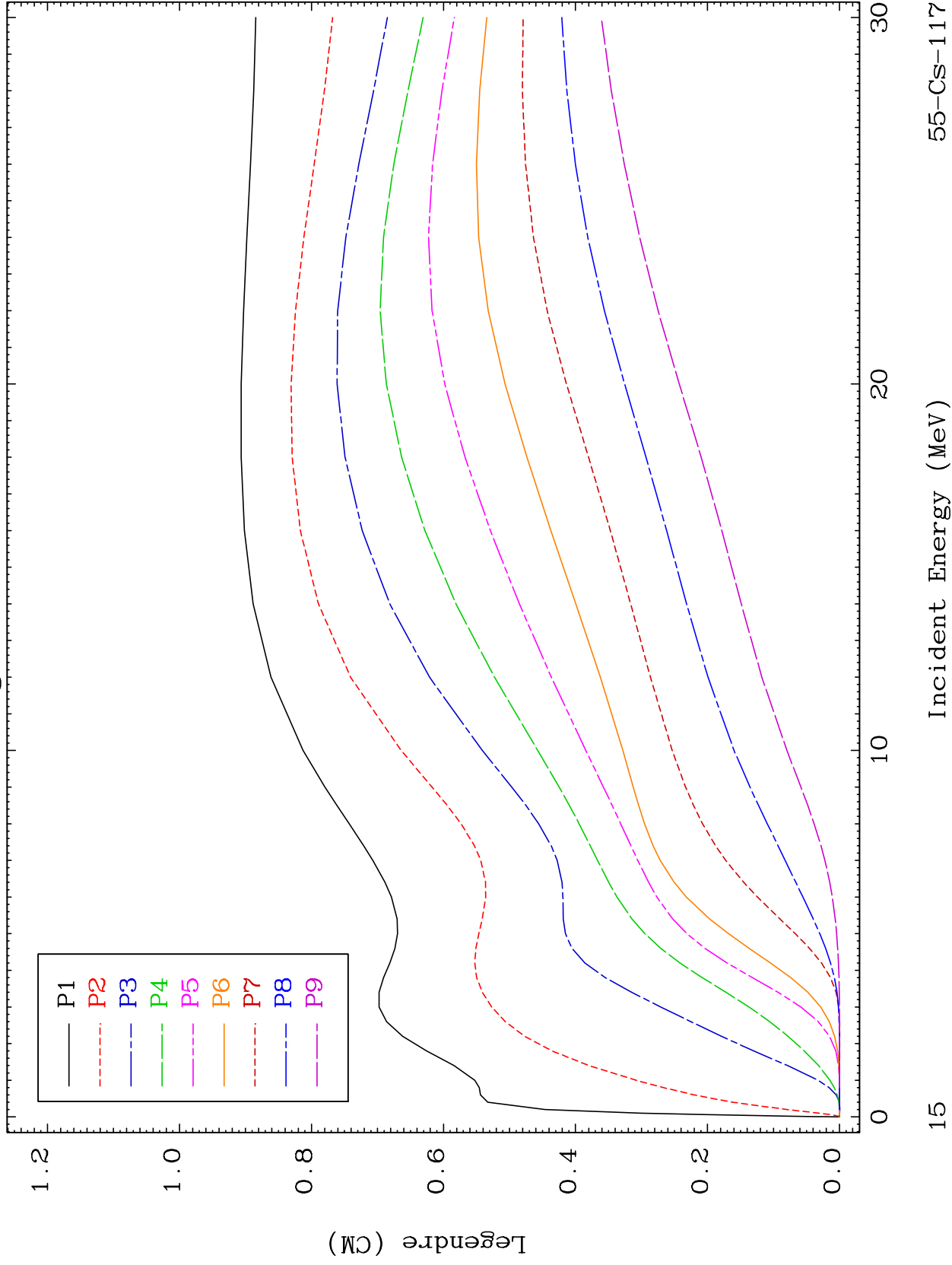




MAT 5477

Elastic Legendre Coefficients

55-Cs-117



55-Cs-117

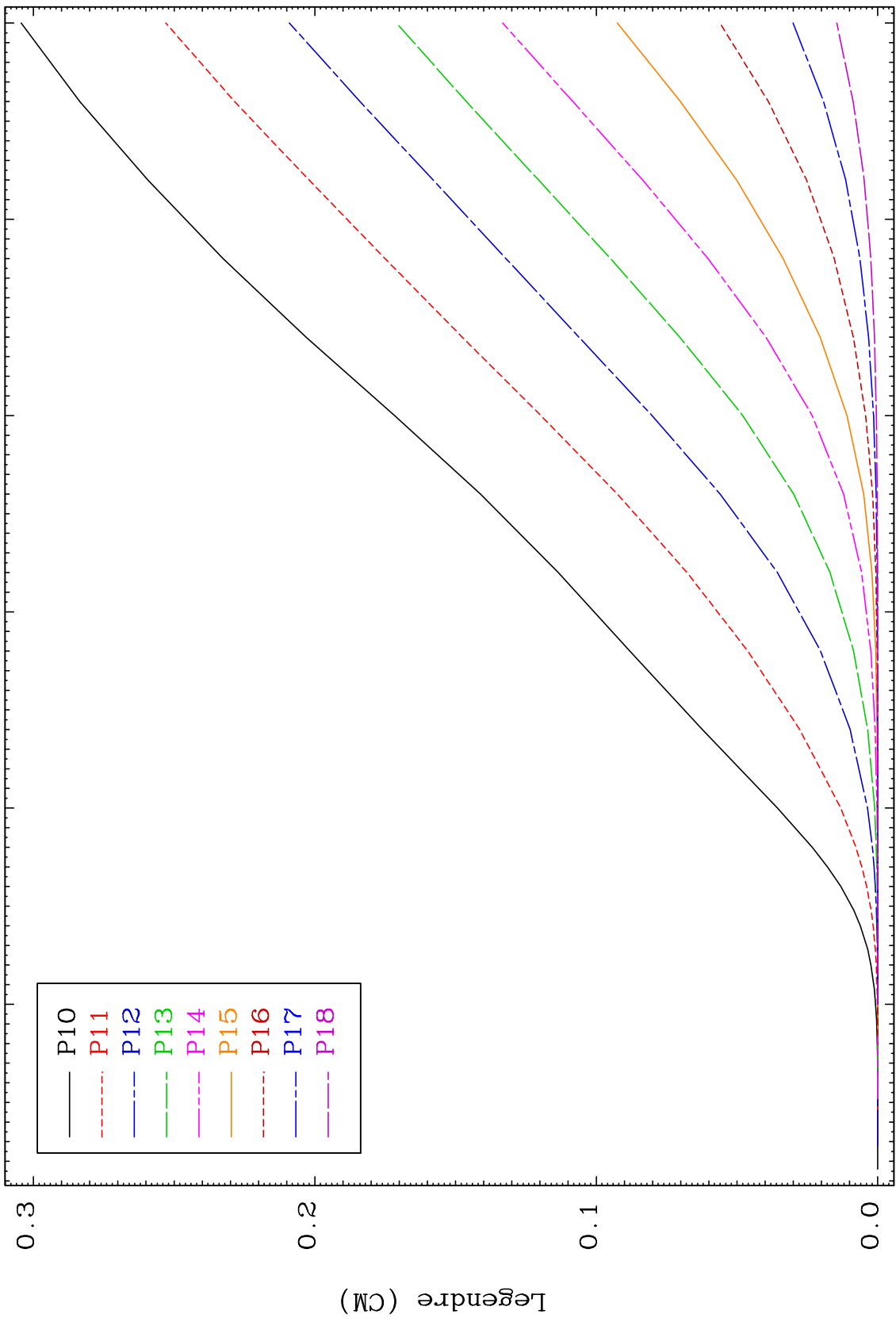
Incident Energy (MeV)

15

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



16

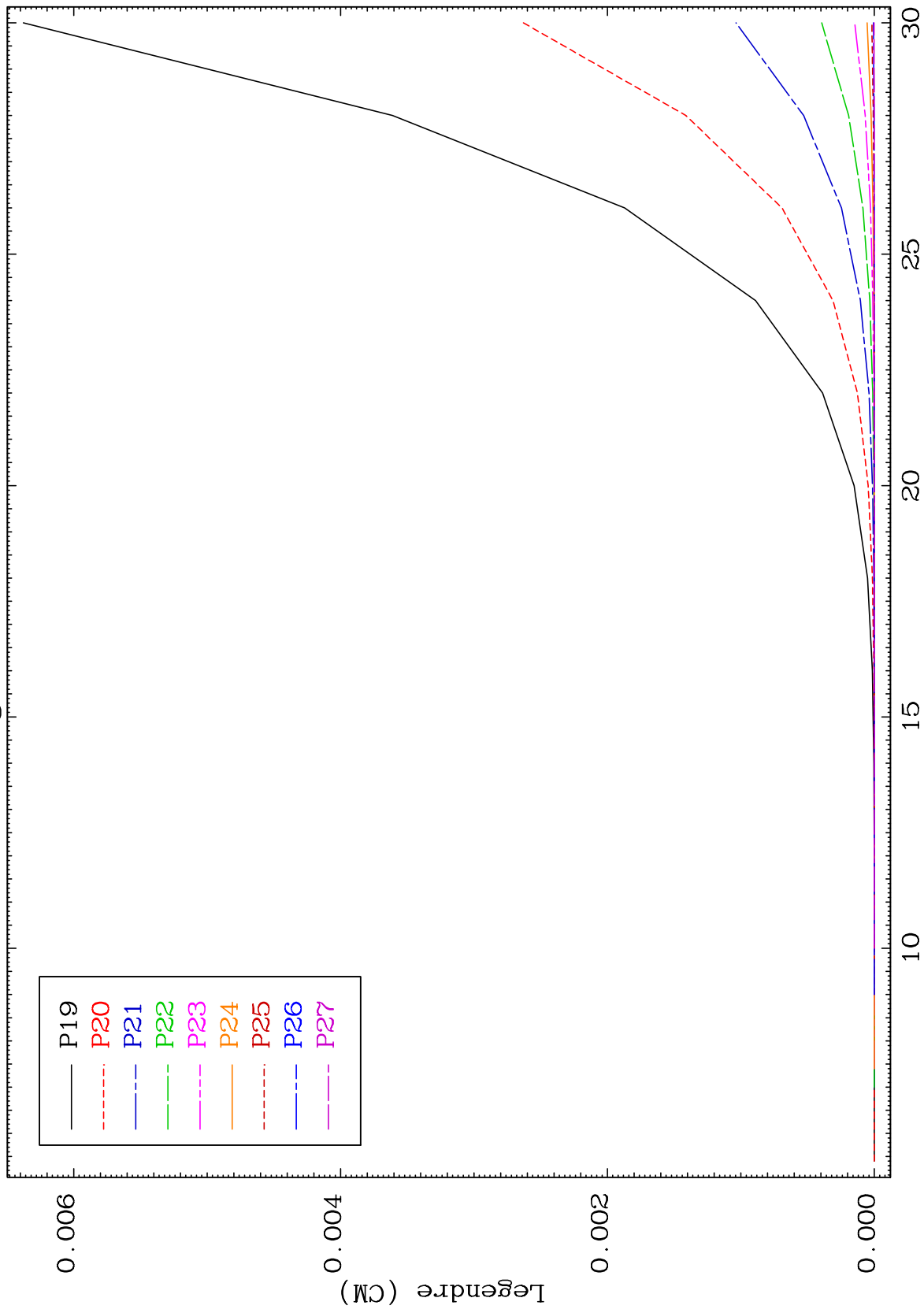
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



17

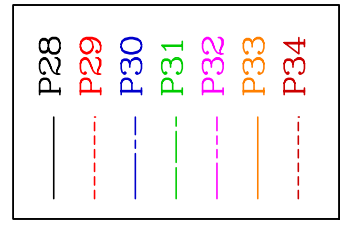
Incident Energy (MeV)

55-Cs-117

MAT 5477

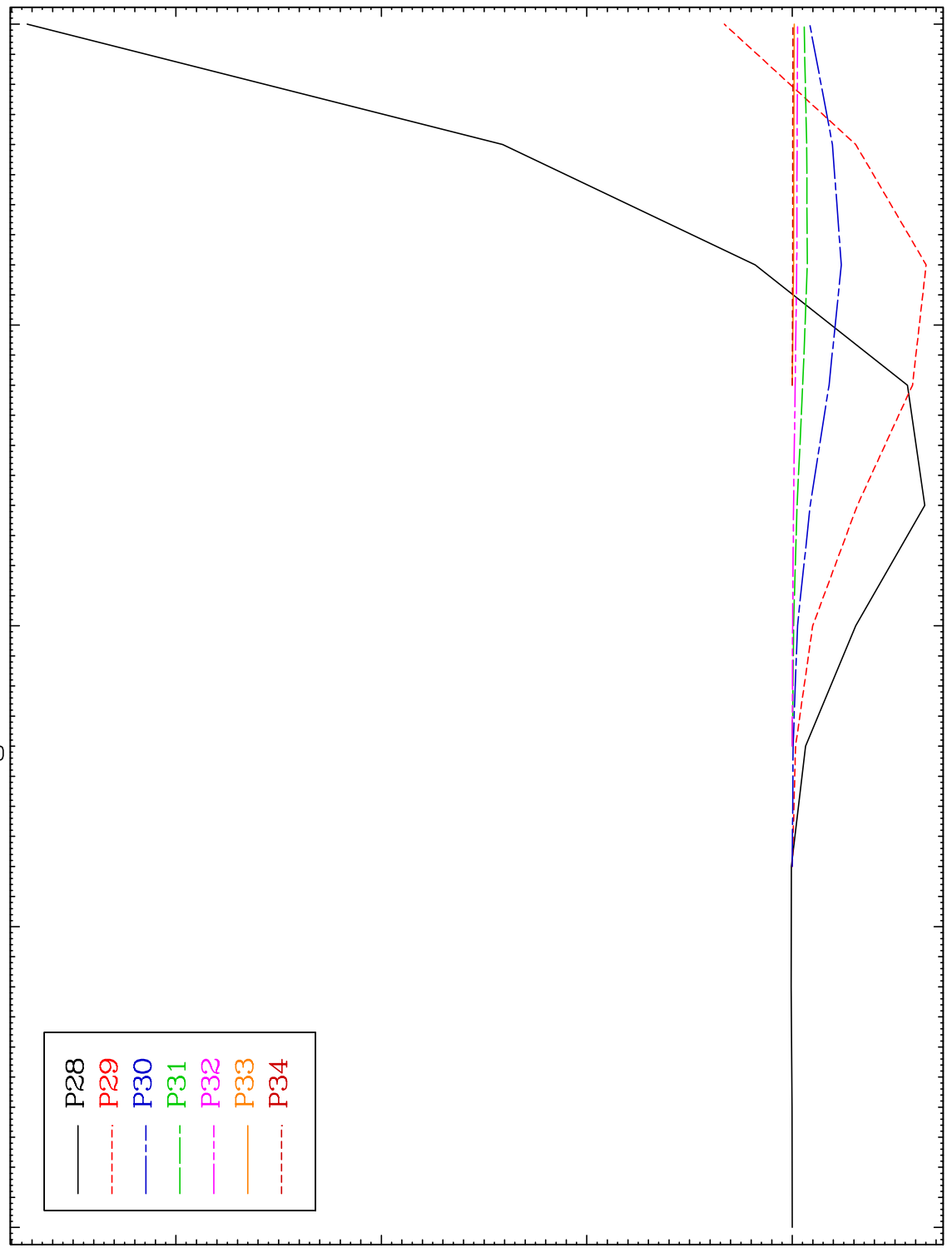
Elastic
Legendre Coefficients

55-Cs-117



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

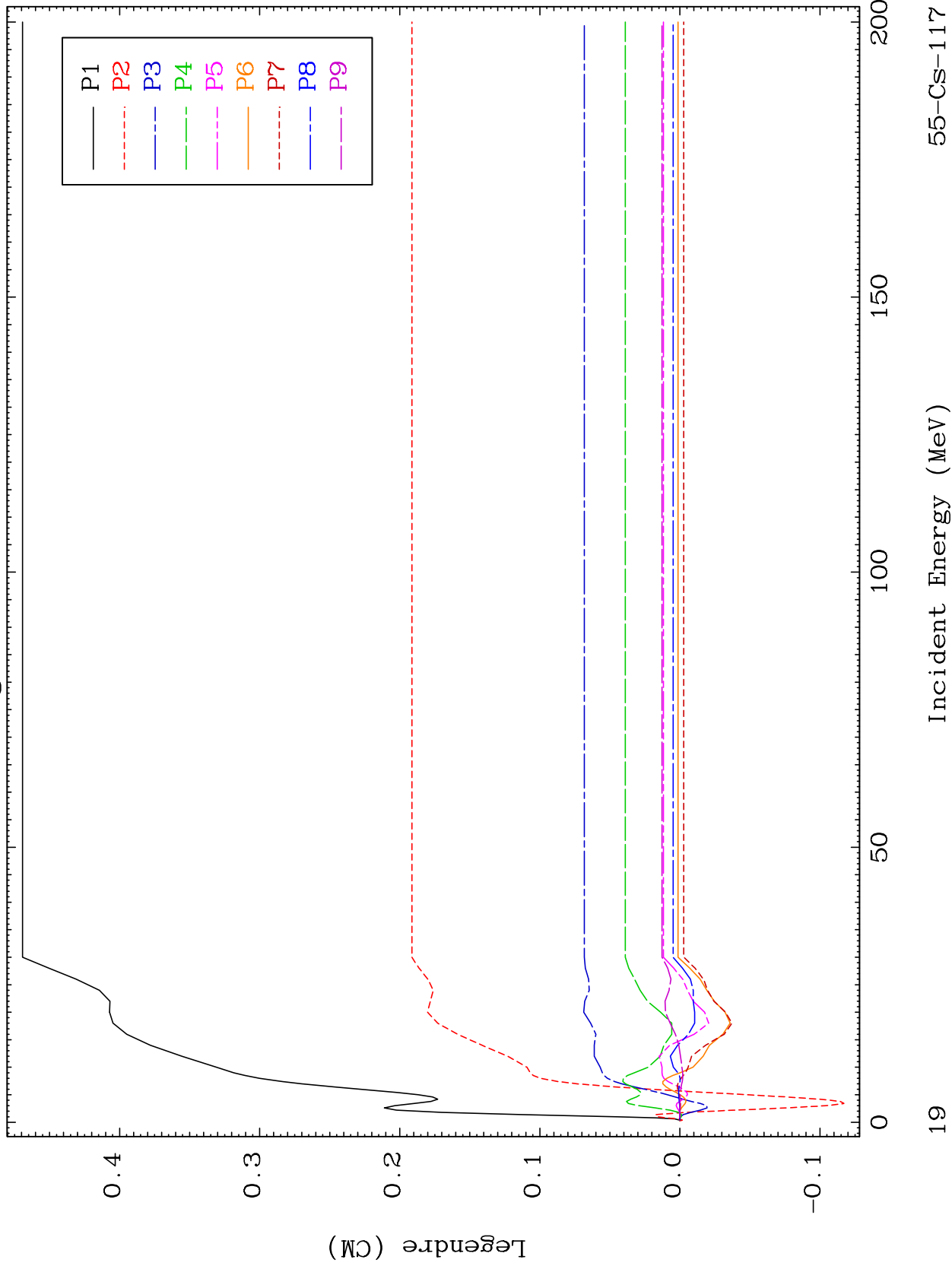
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 51 (n,n') Level
Legendre Coefficients

55-Cs-117



19

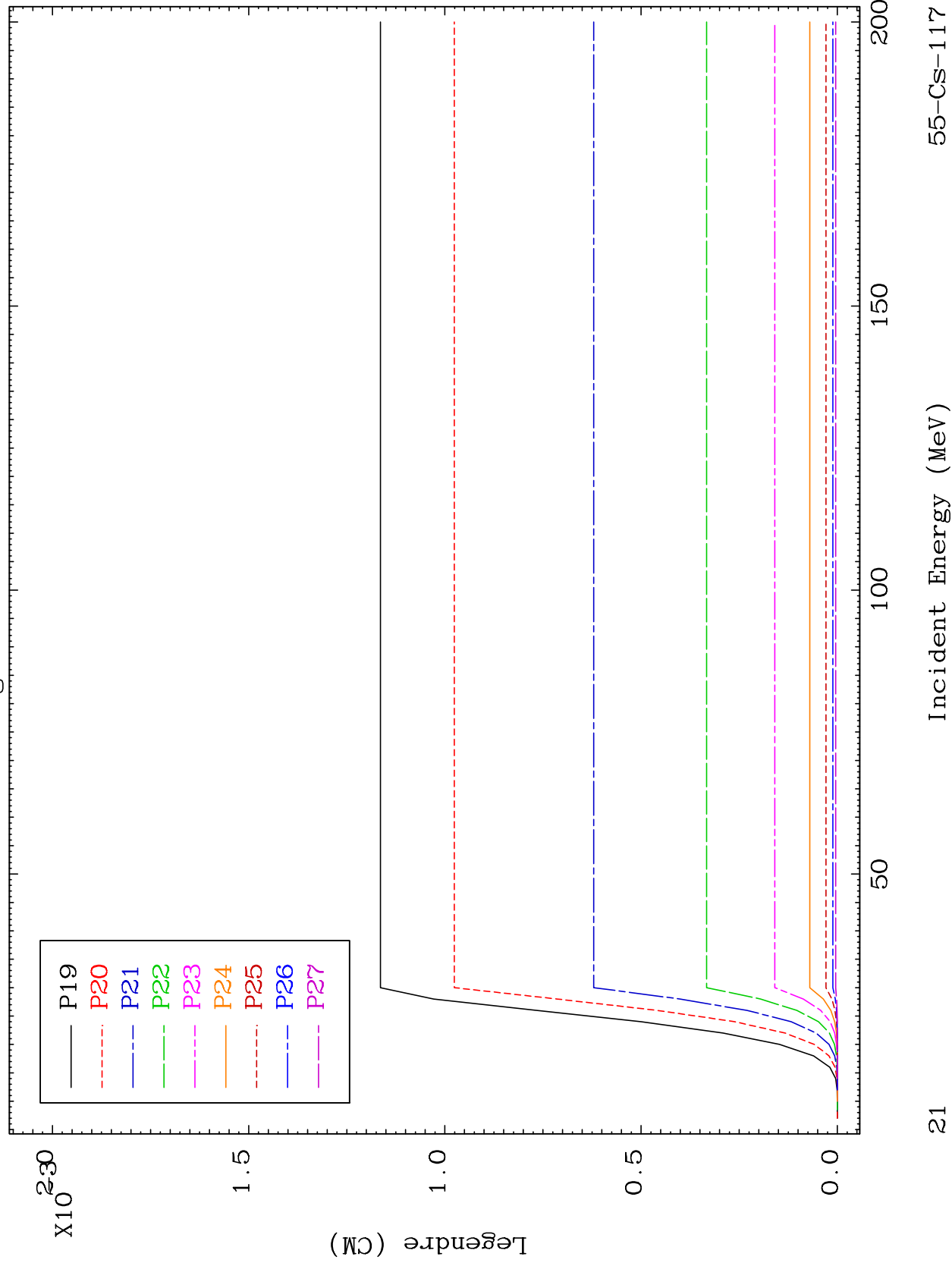
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 51 (n,n') Level
Legendre Coefficients

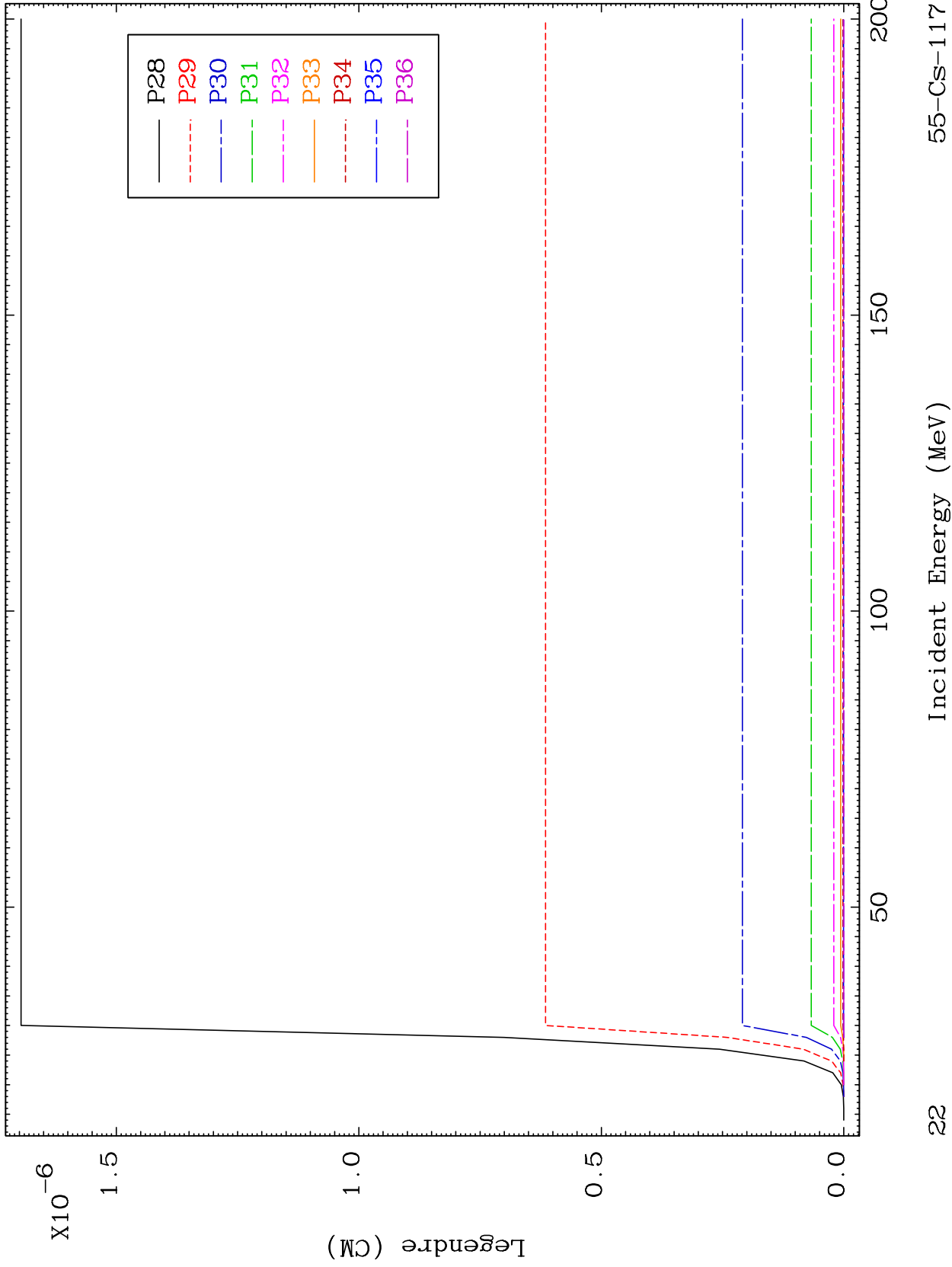
55-Cs-117



MAT 5477

MT= 51 (n,n') Level
Legendre Coefficients

55-Cs-117



22

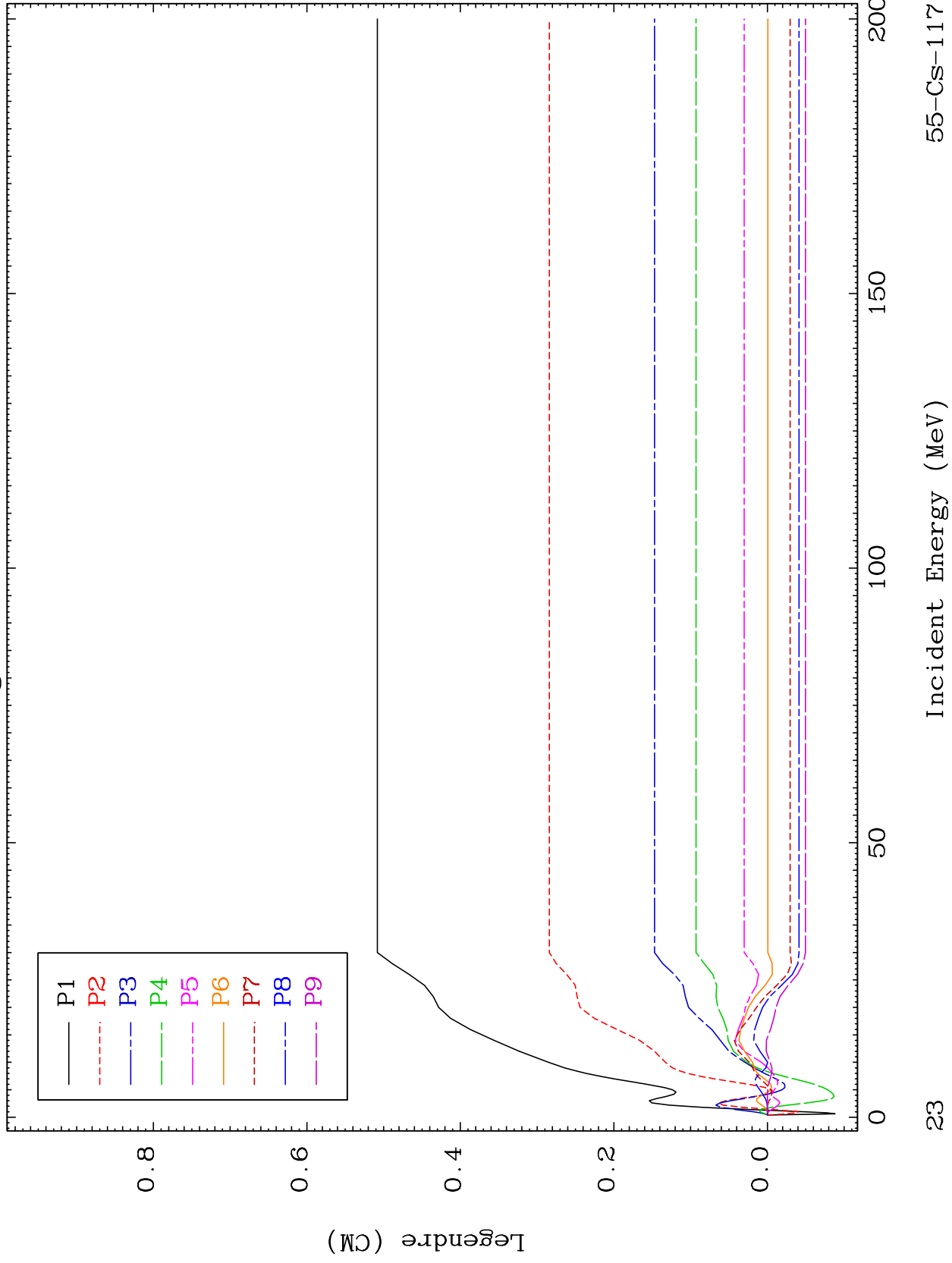
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

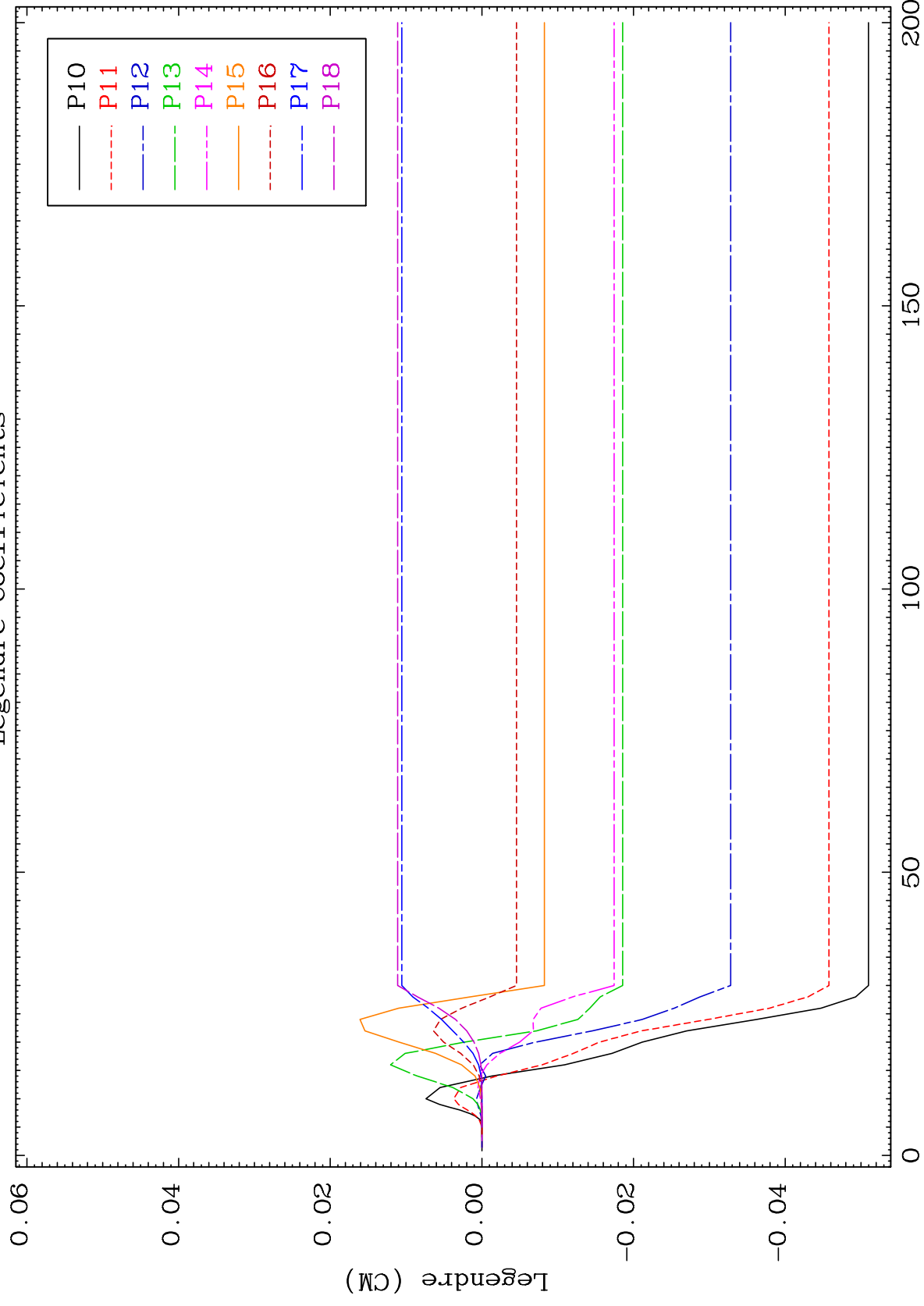
Incident Energy (MeV)

23

MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-117



24

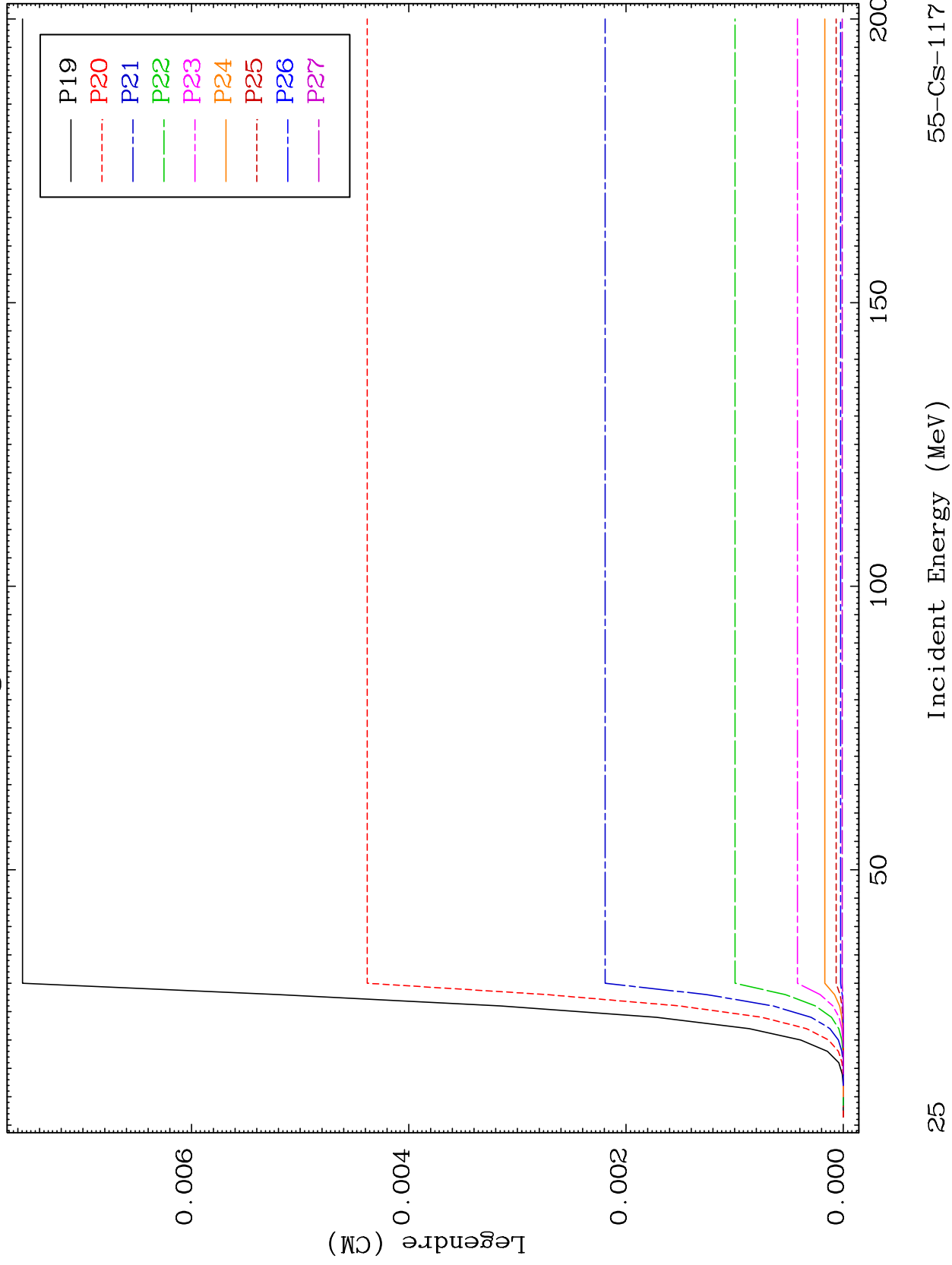
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-117



25

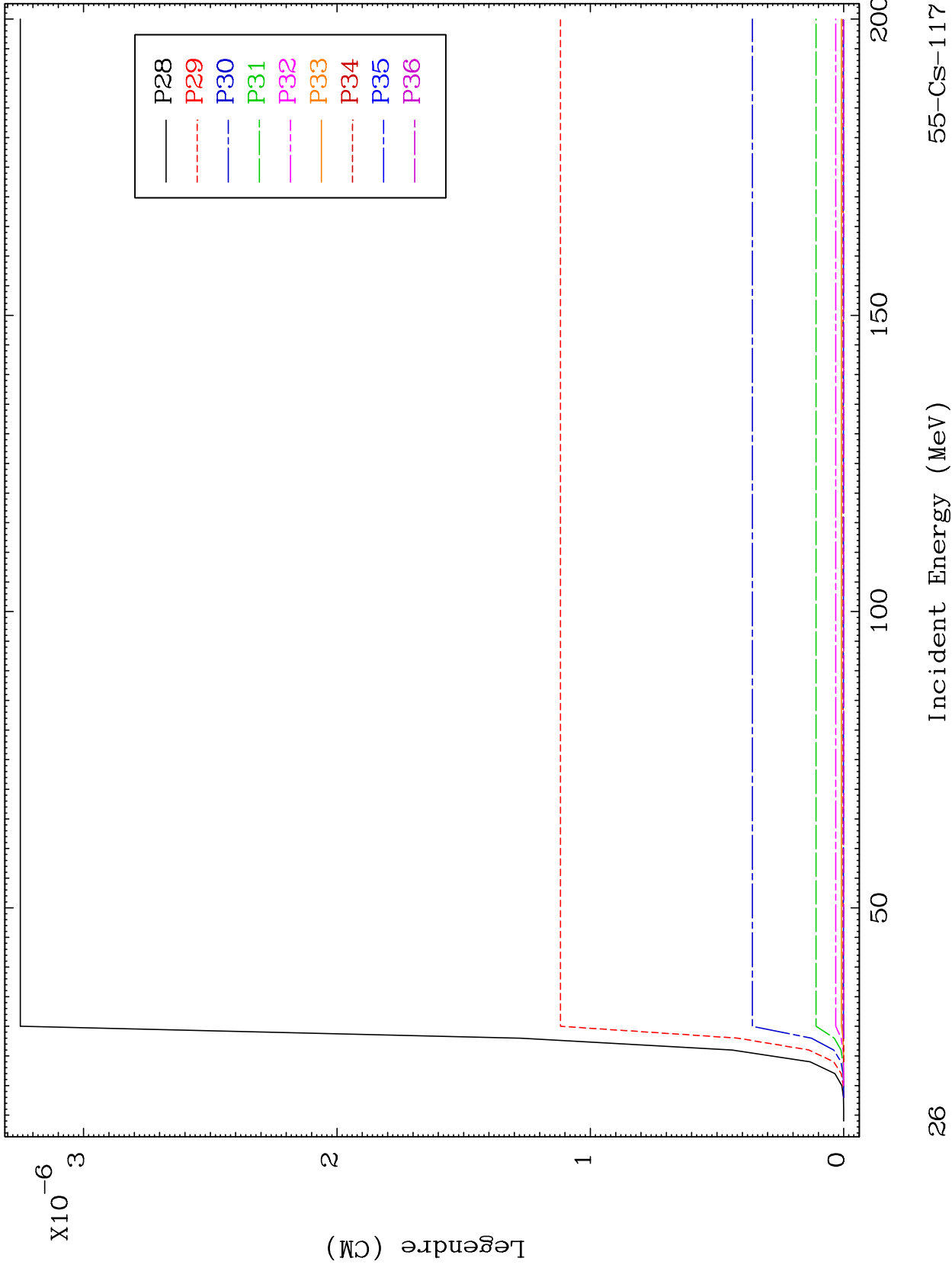
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-117



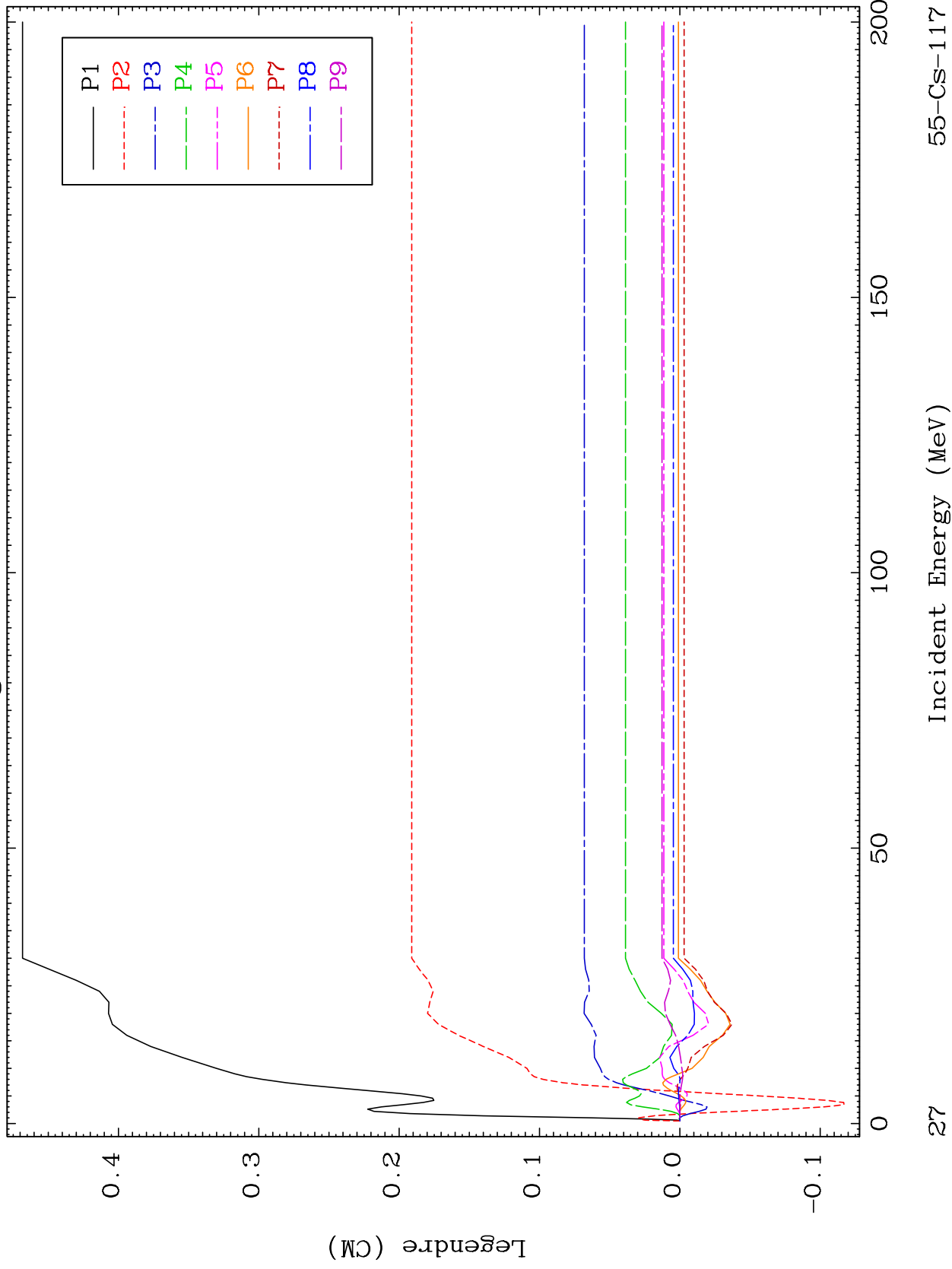
26

55-Cs-117

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

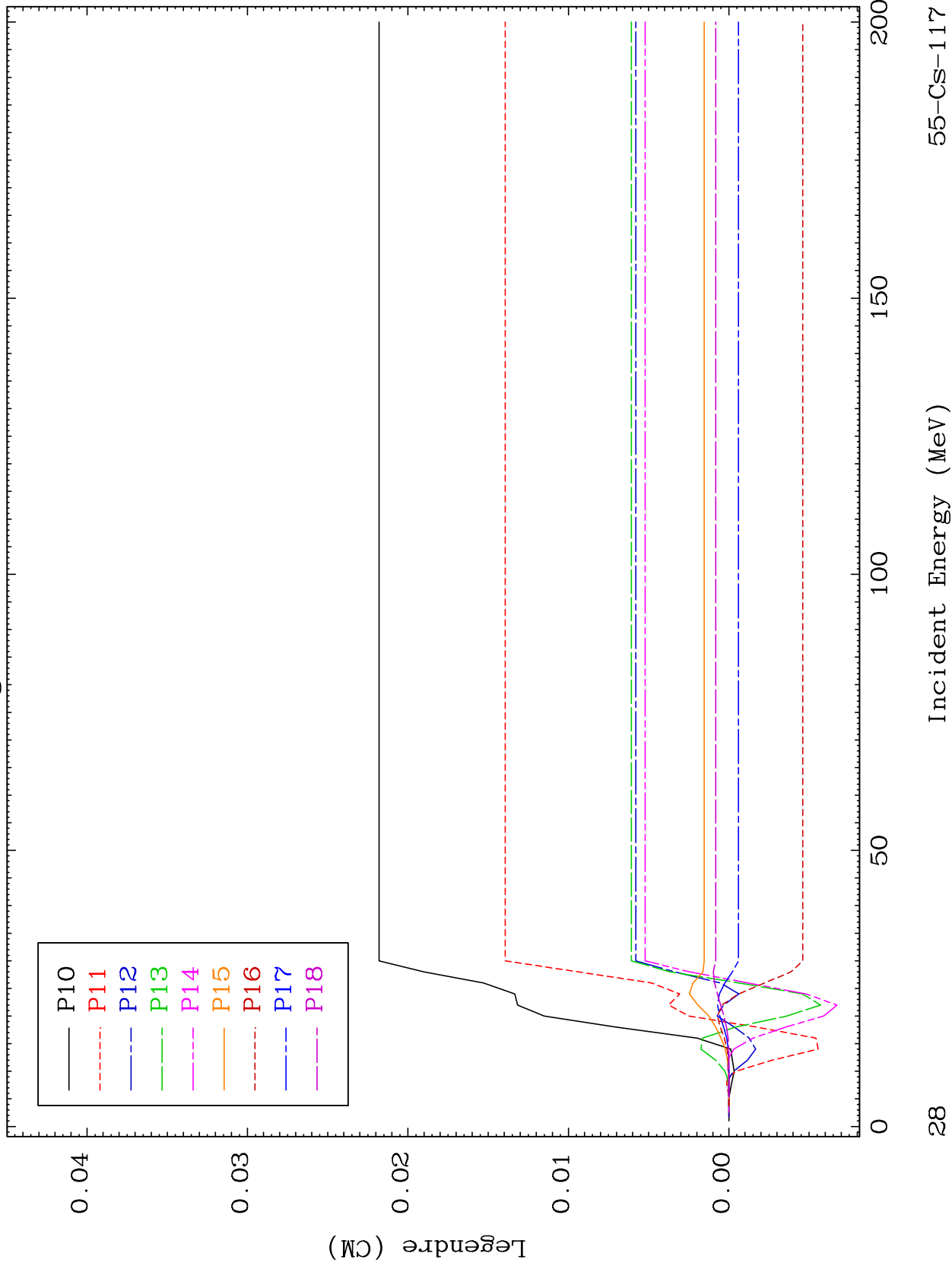
Incident Energy (MeV)

27

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

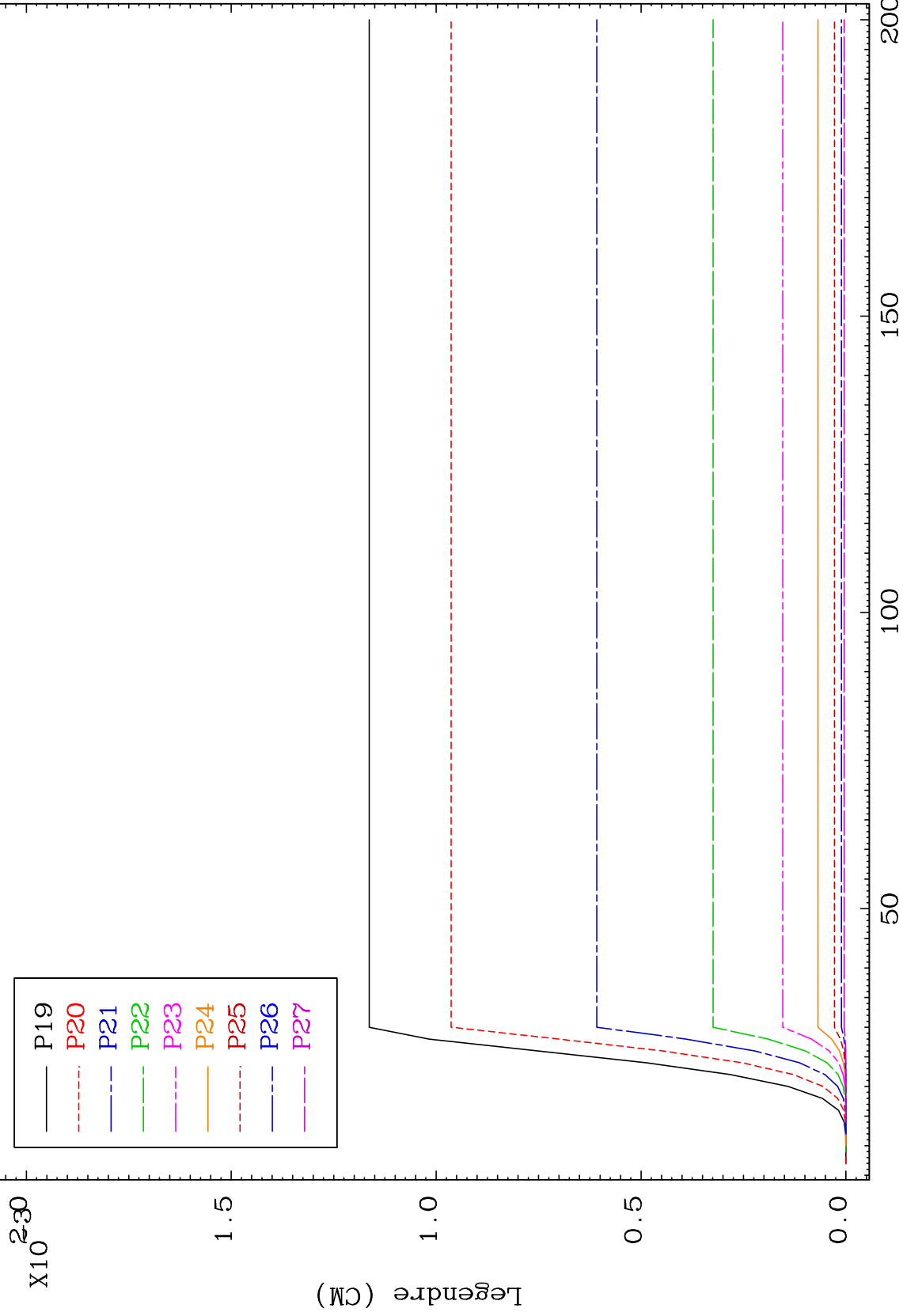
Incident Energy (MeV)

28

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



29

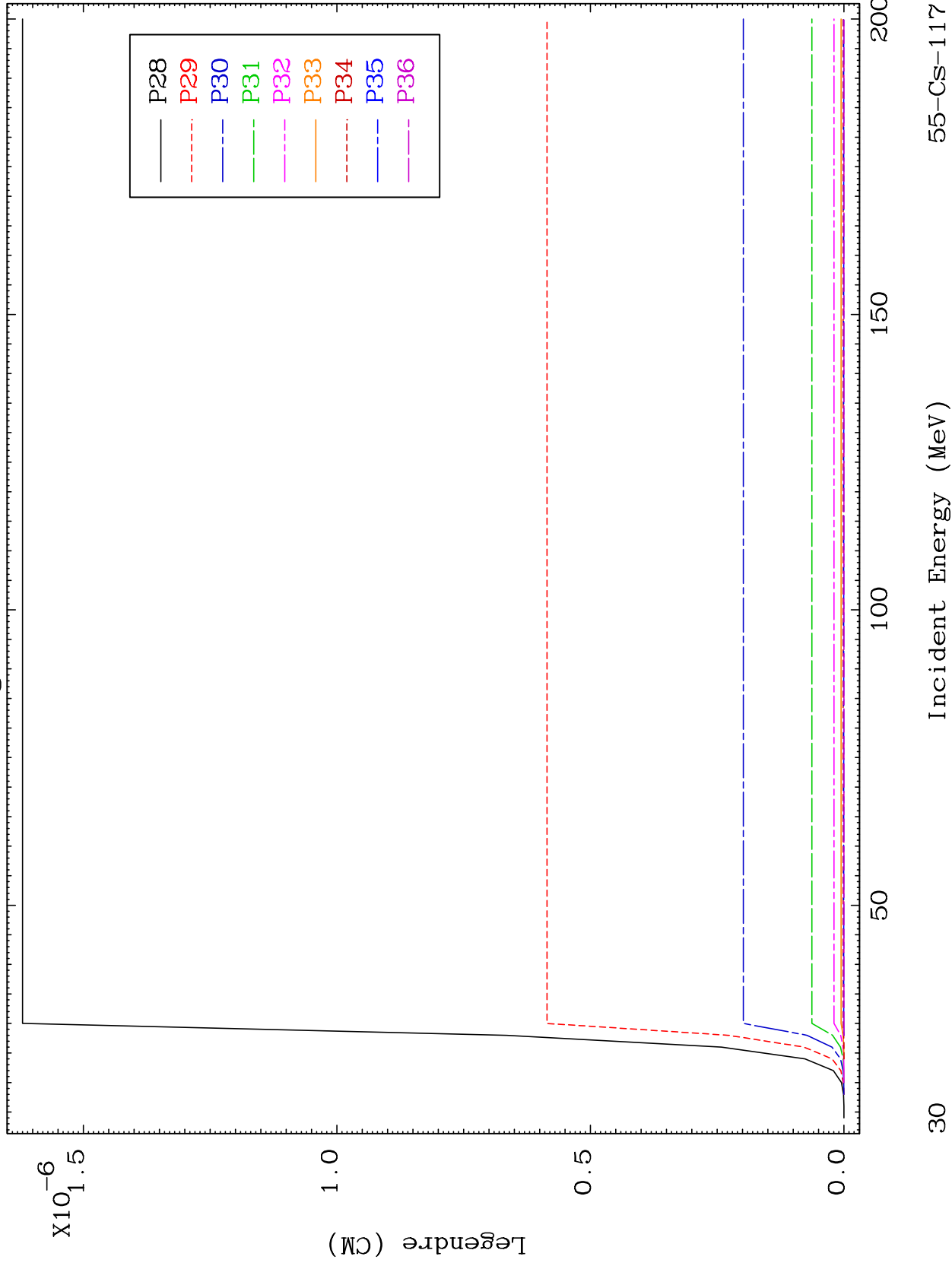
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

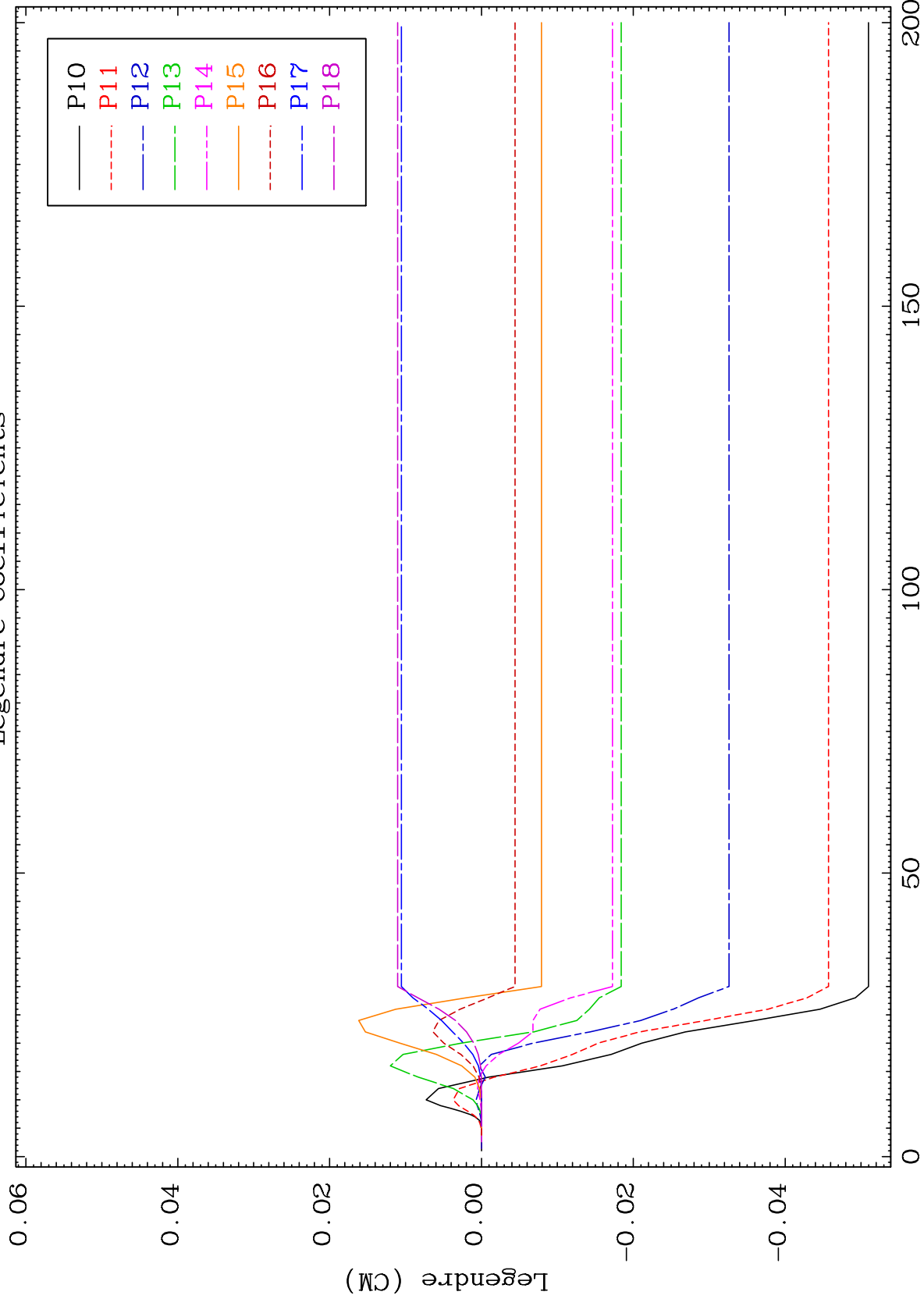
55-Cs-117



MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



32

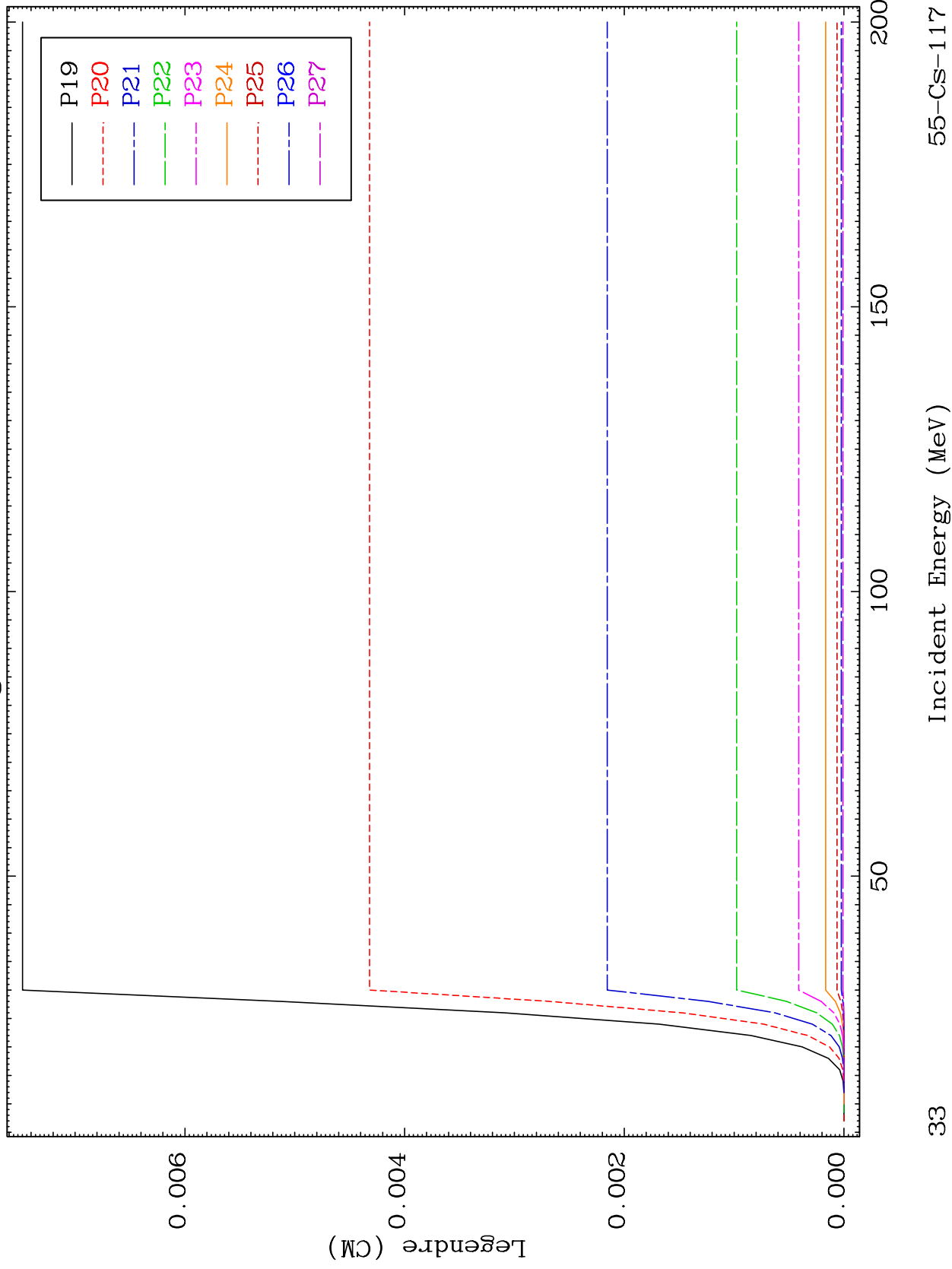
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



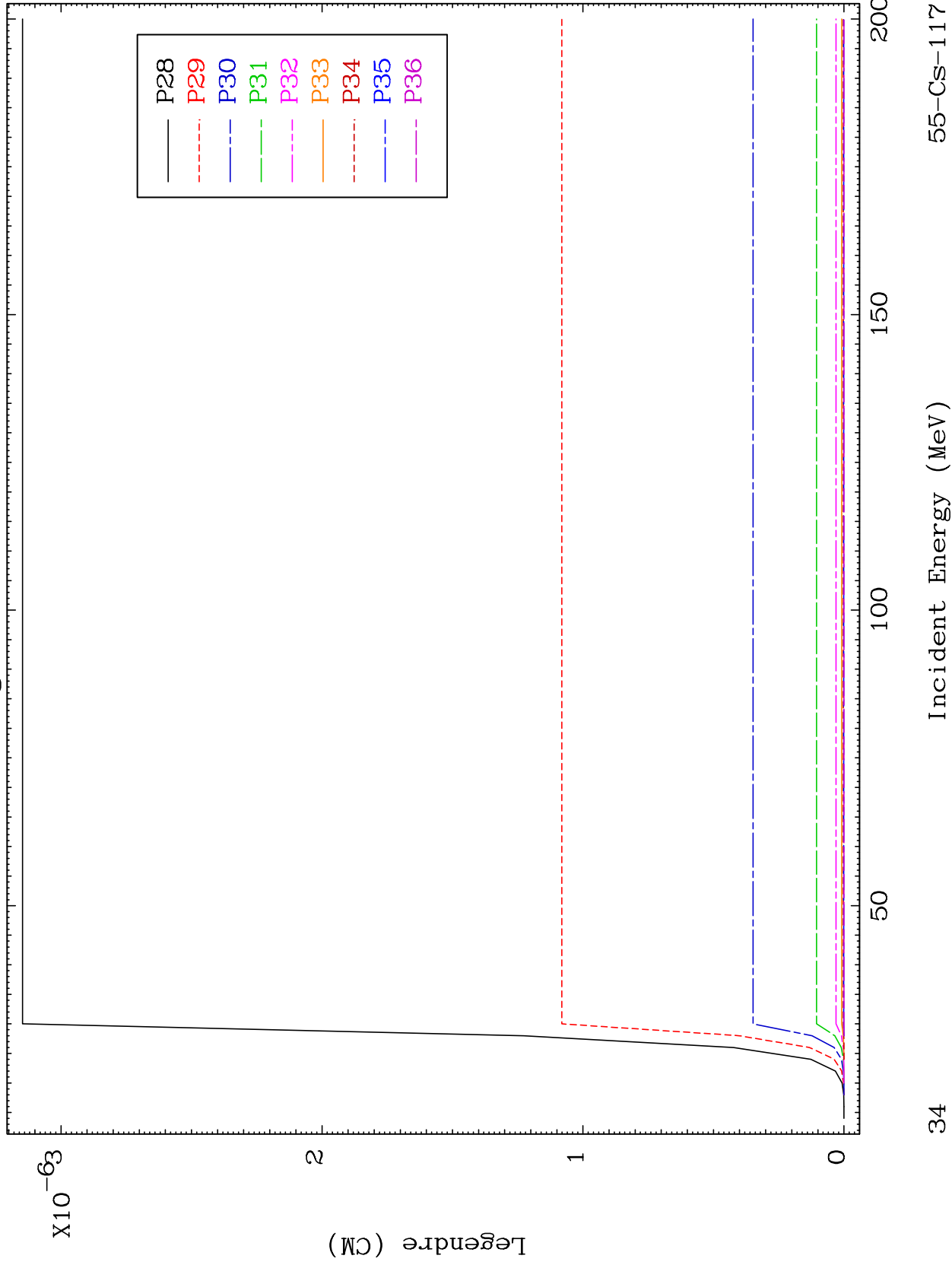
33

55-Cs-117

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



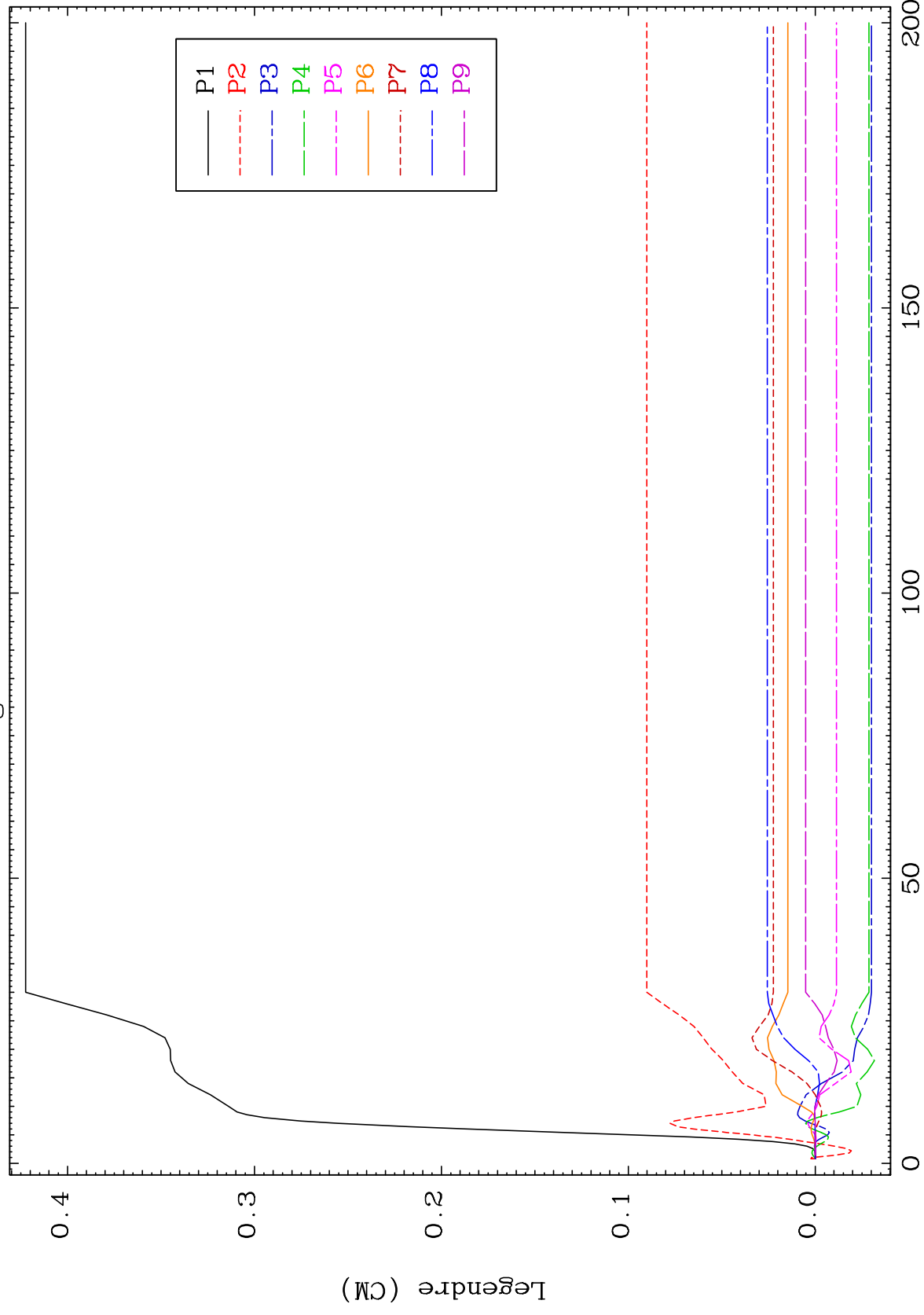
34

55-Cs-117

MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

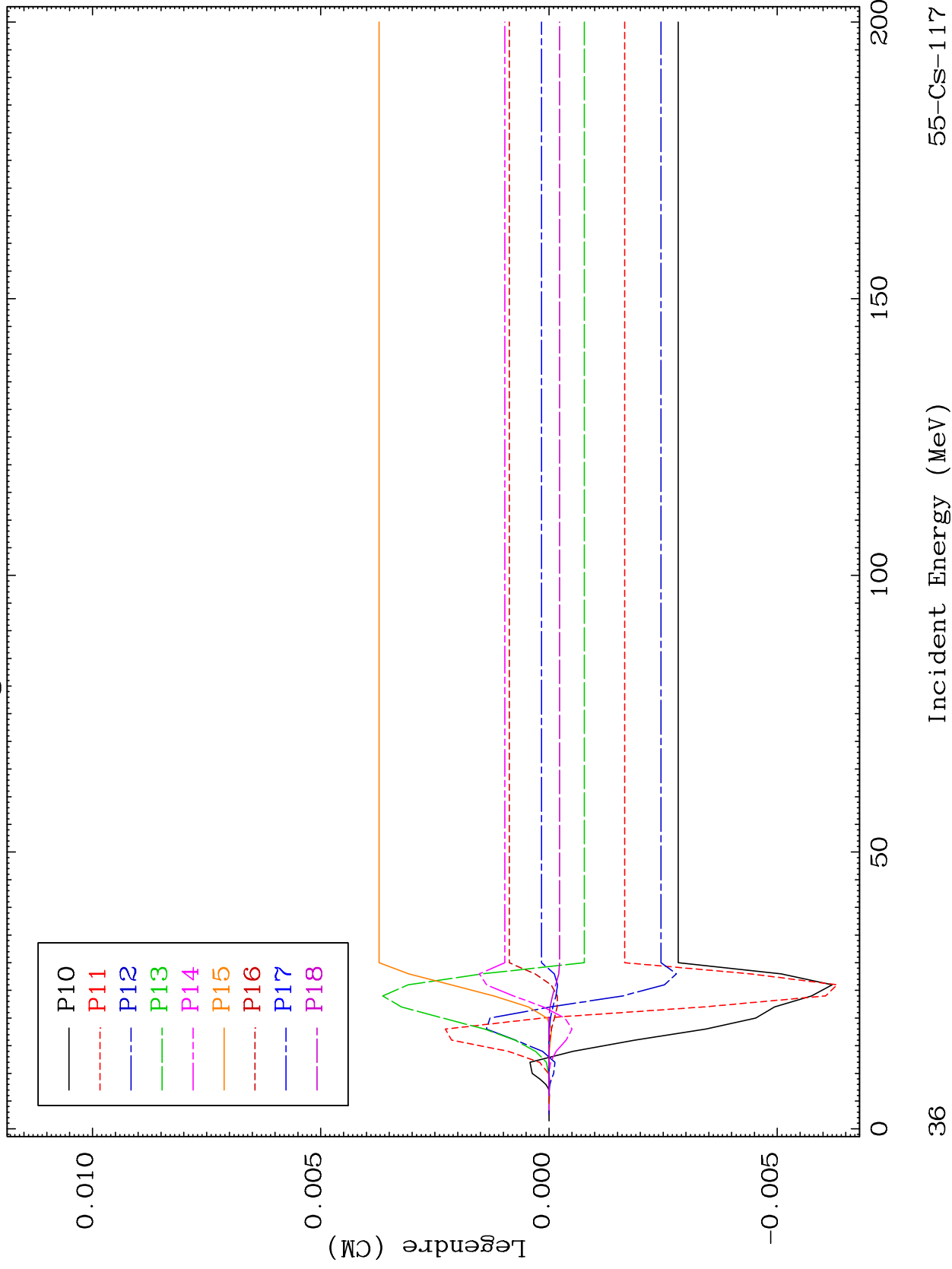
Incident Energy (MeV)

35

MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-117



36

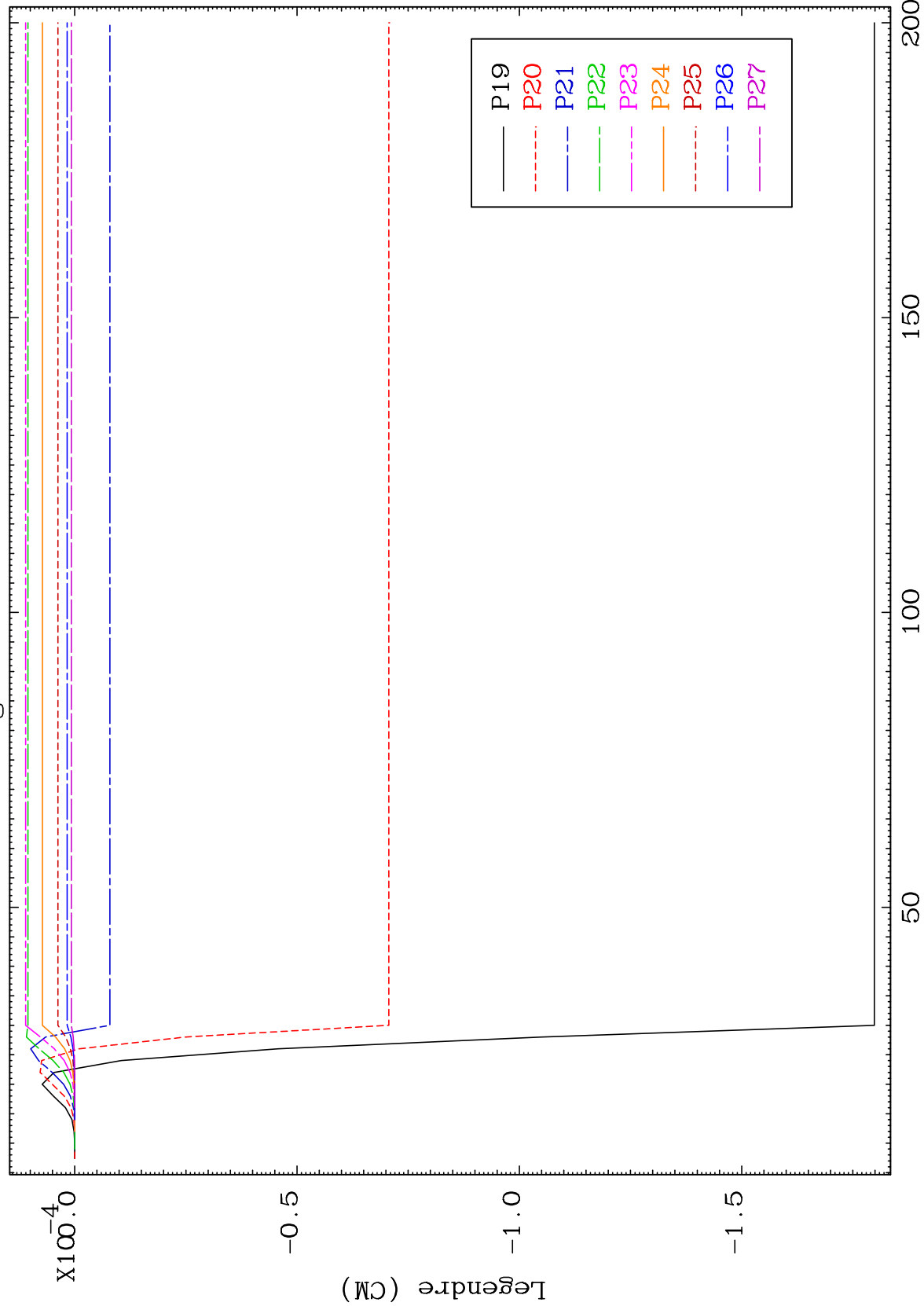
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

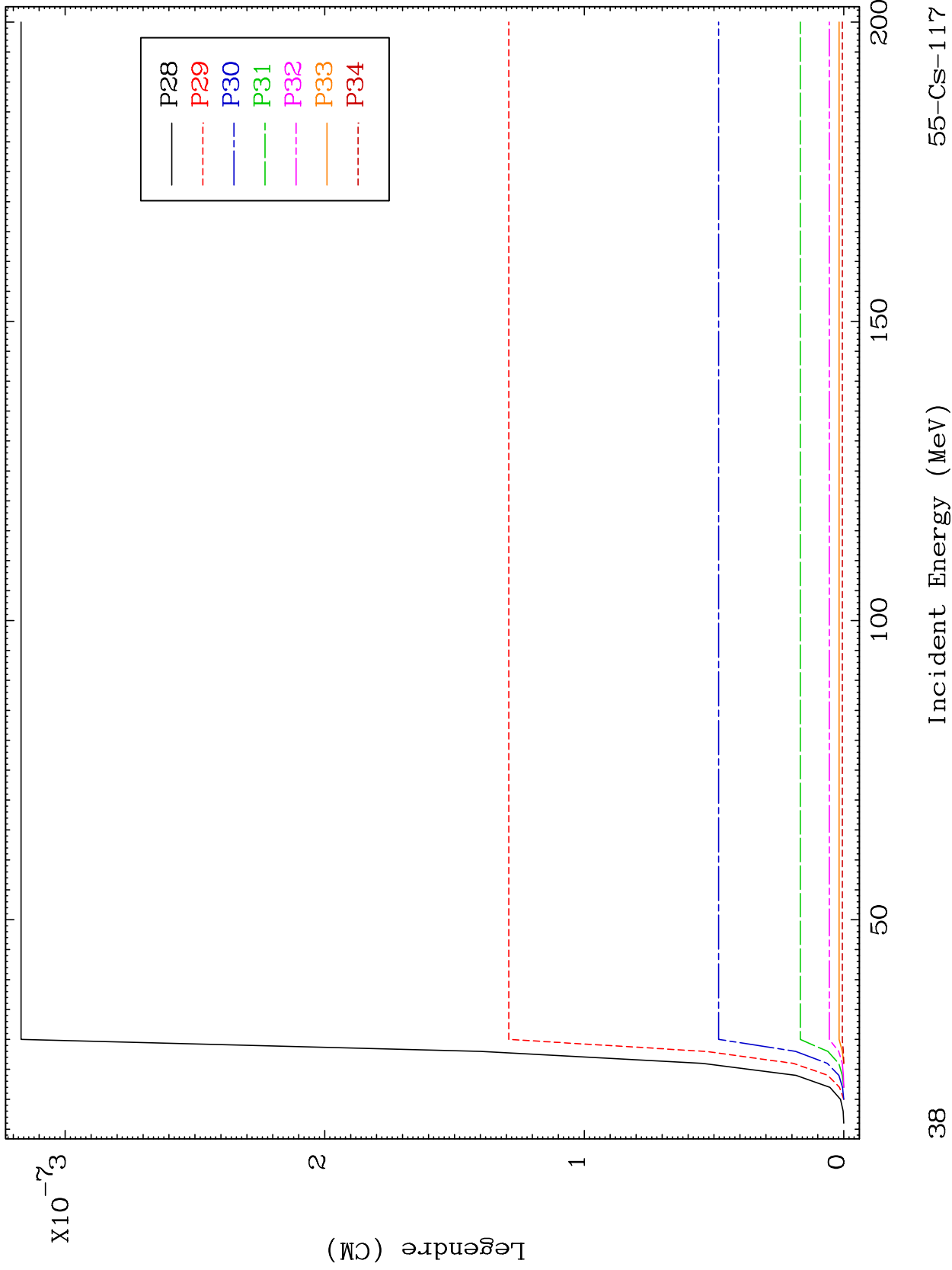
Incident Energy (MeV)

37

MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-117



38

Incident Energy (MeV)

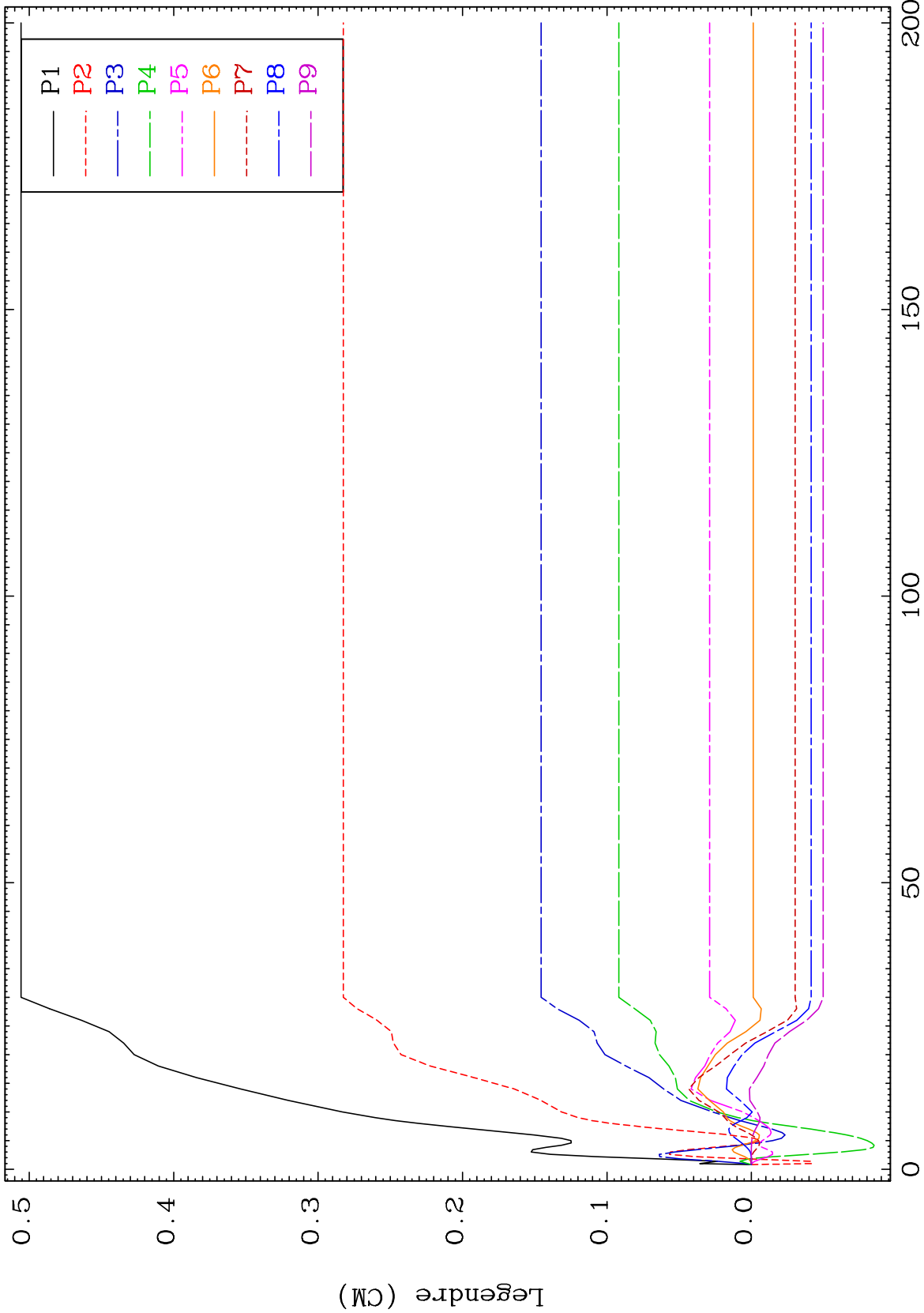
55-Cs-117

MAT 5477

MT= 56 (n,n') Level

55-Cs-117

Legendre Coefficients



39

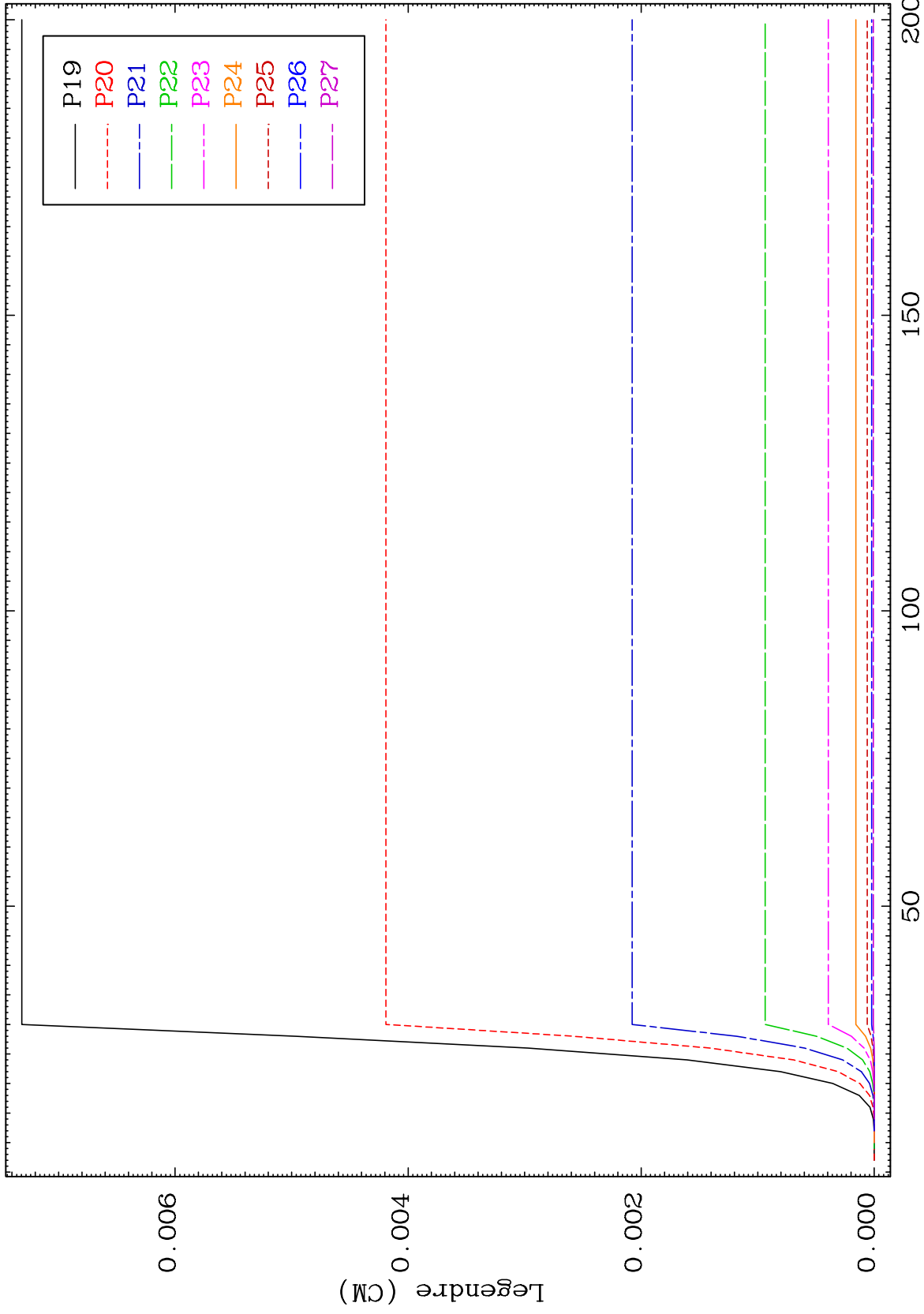
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

55-Cs-117



41

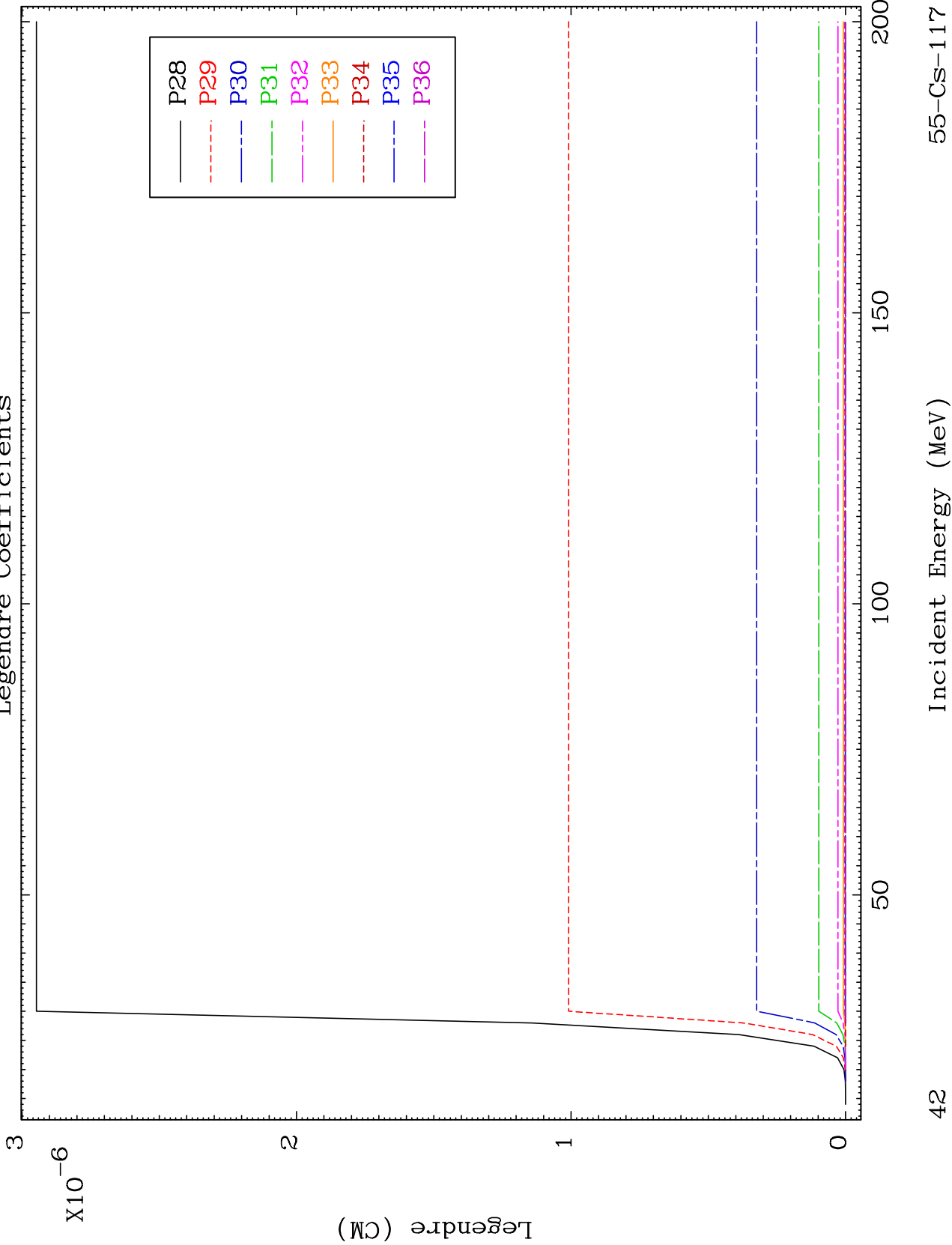
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

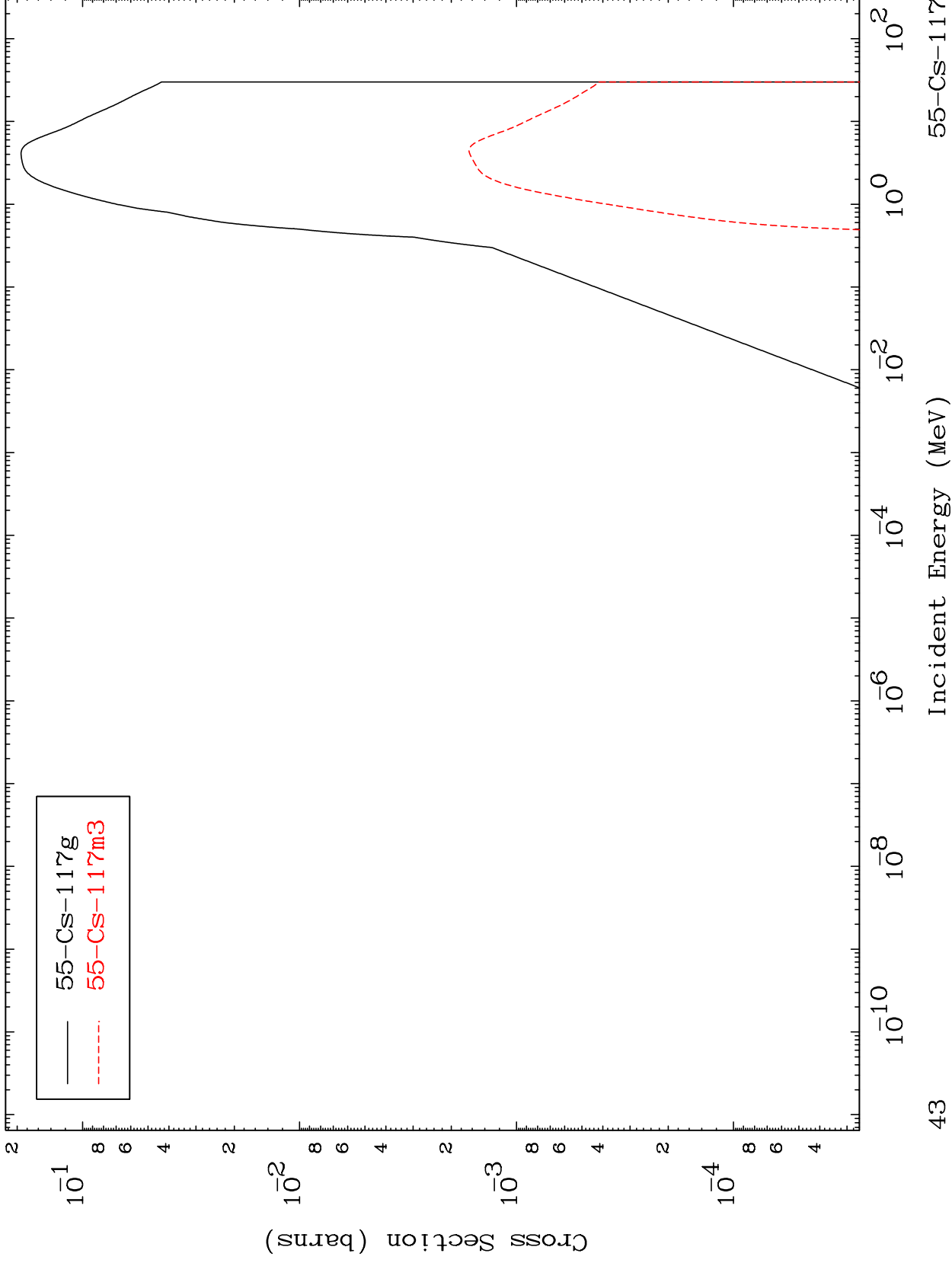
55-Cs-117



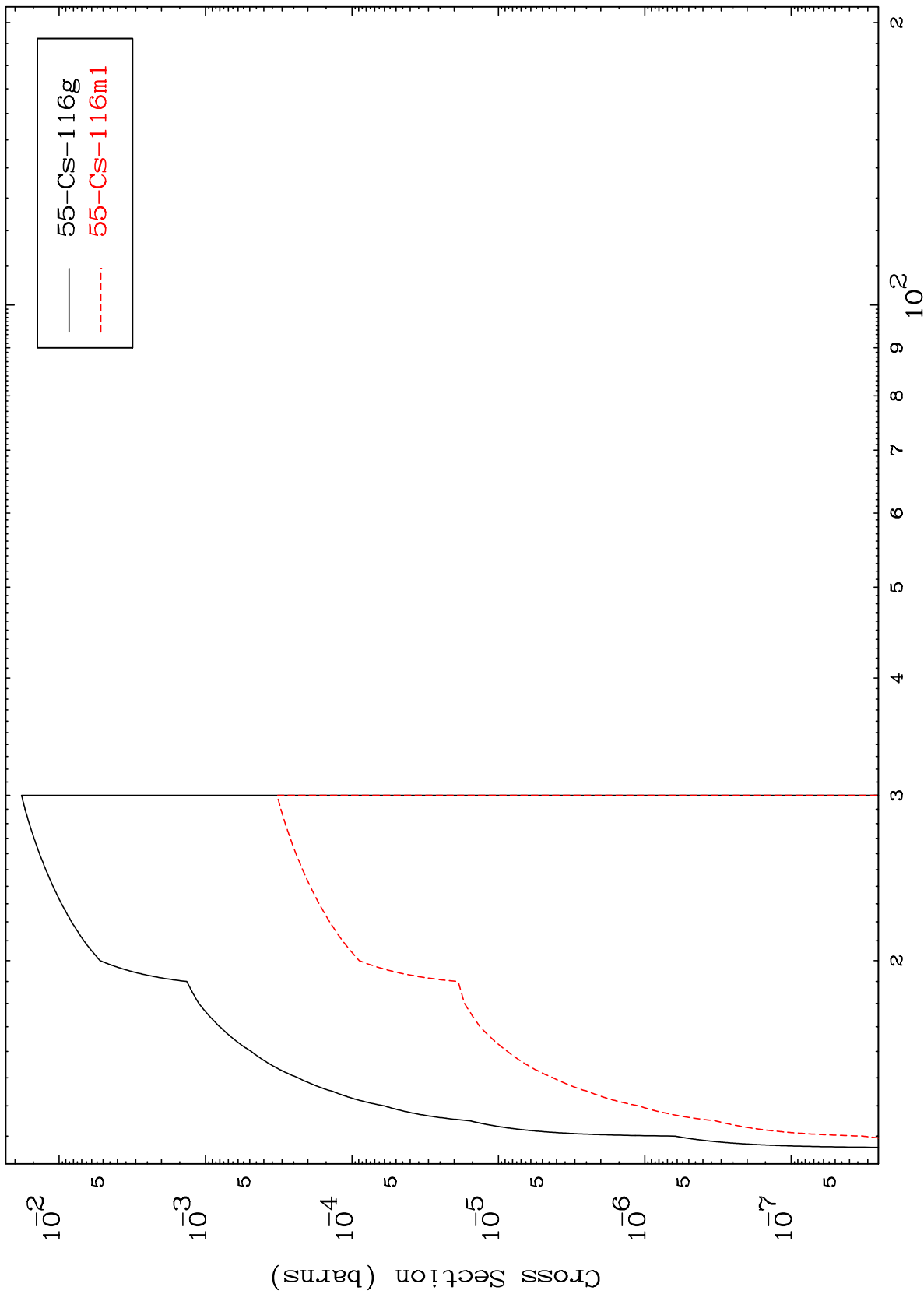
MAT 5477

Inelastic
Radionuclide Production Cross Section

55-Cs-117



(n,2n)
Radionuclide Production Cross Section

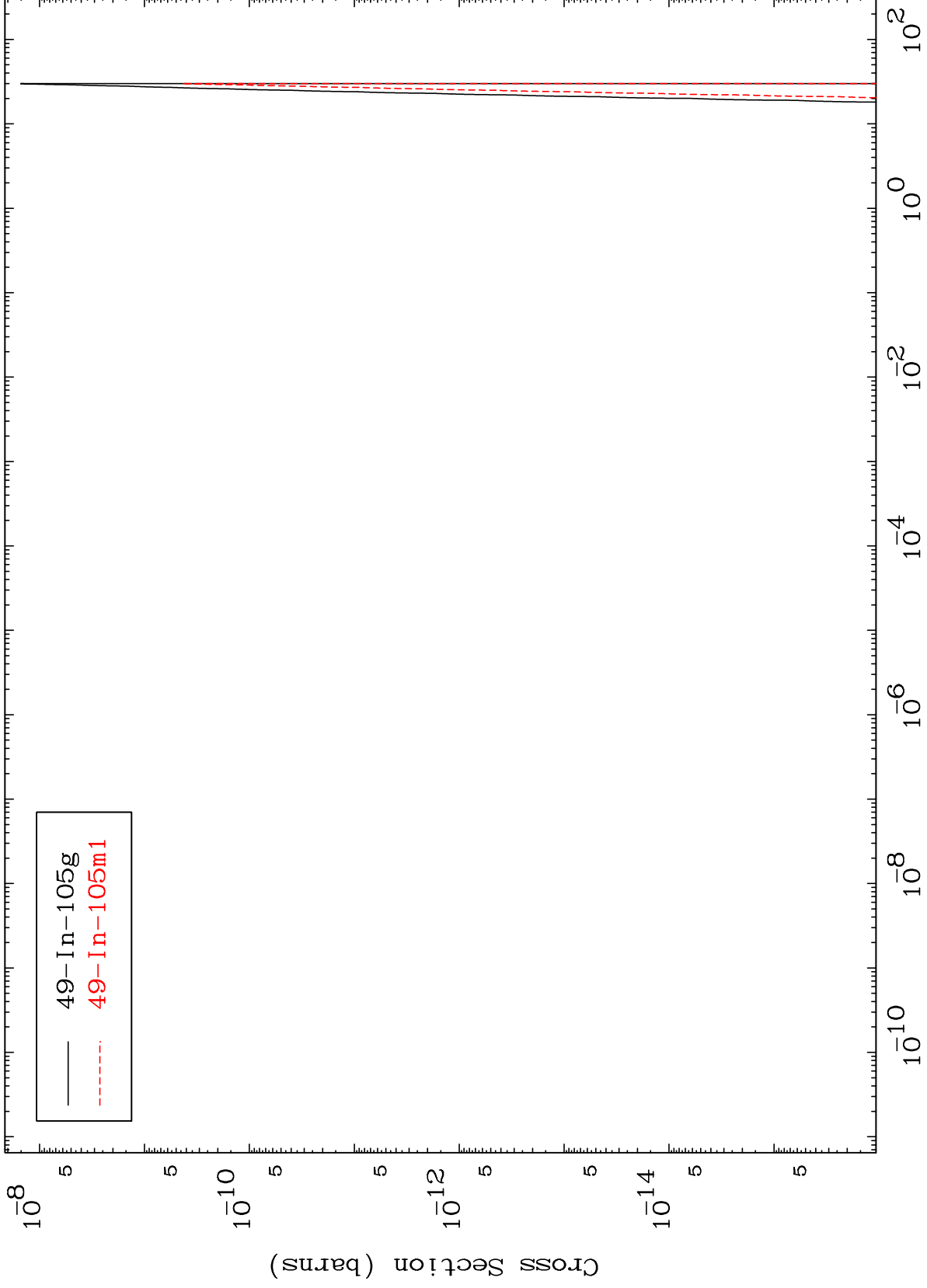


MAT 5477

(n,n') 3 α

55-Cs-117

Radionuclide Production Cross Section



49-In-105g
49-In-105m1

45

Incident Energy (MeV)

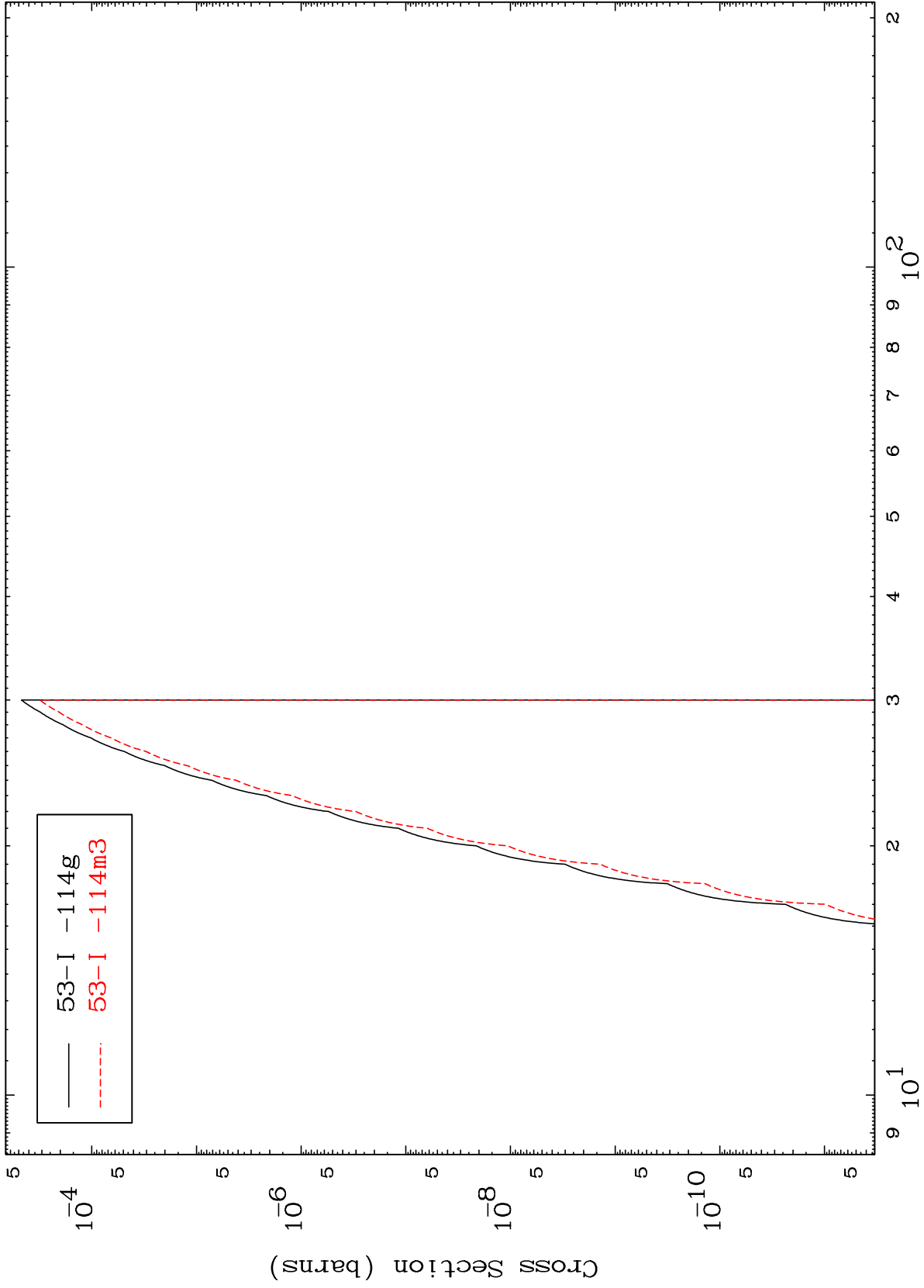
55-Cs-117

MAT 5477

(n,n') He-3

55-Cs-117

Radionuclide Production Cross Section



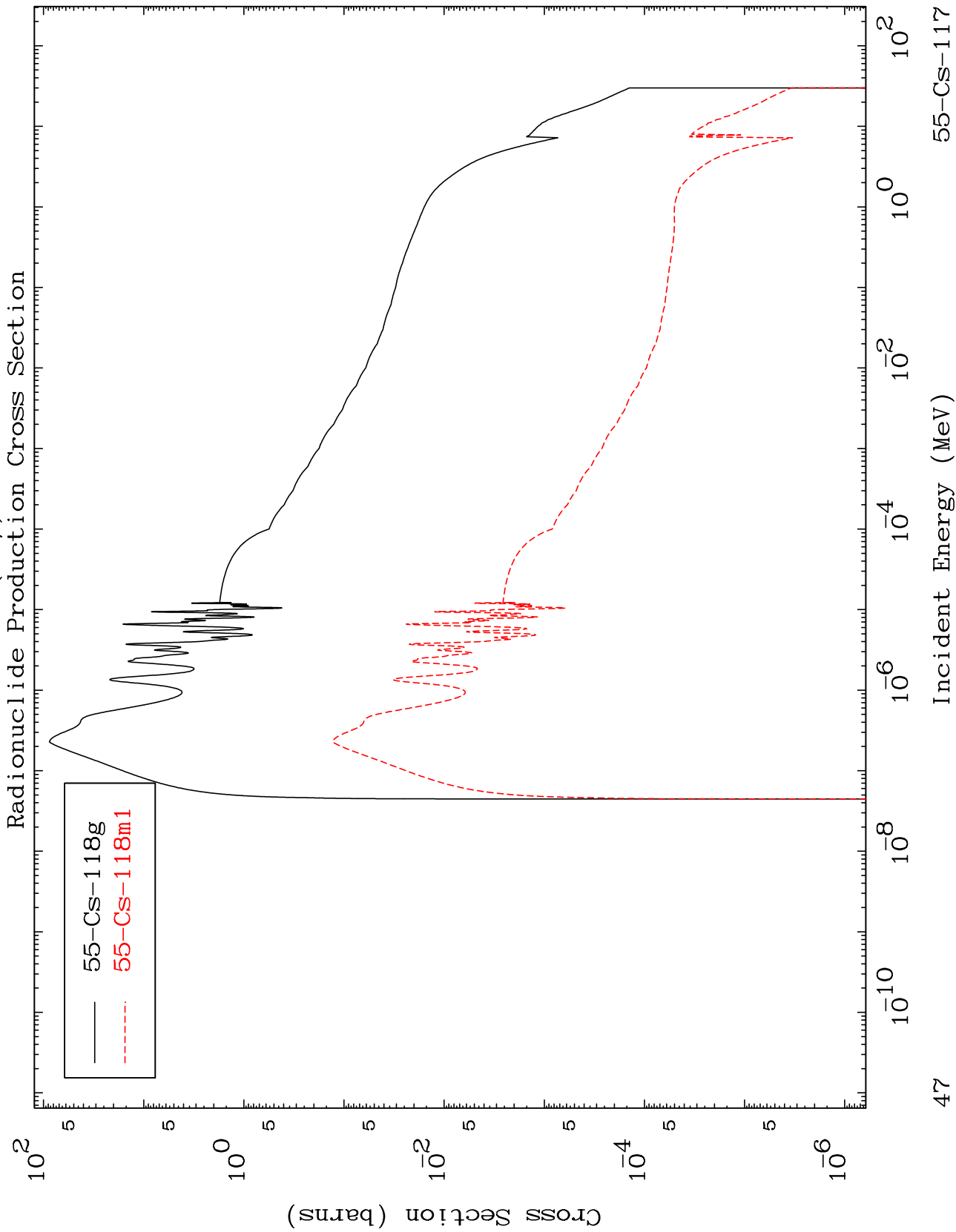
46

Incident Energy (MeV)

55-Cs-117

MAT 5477

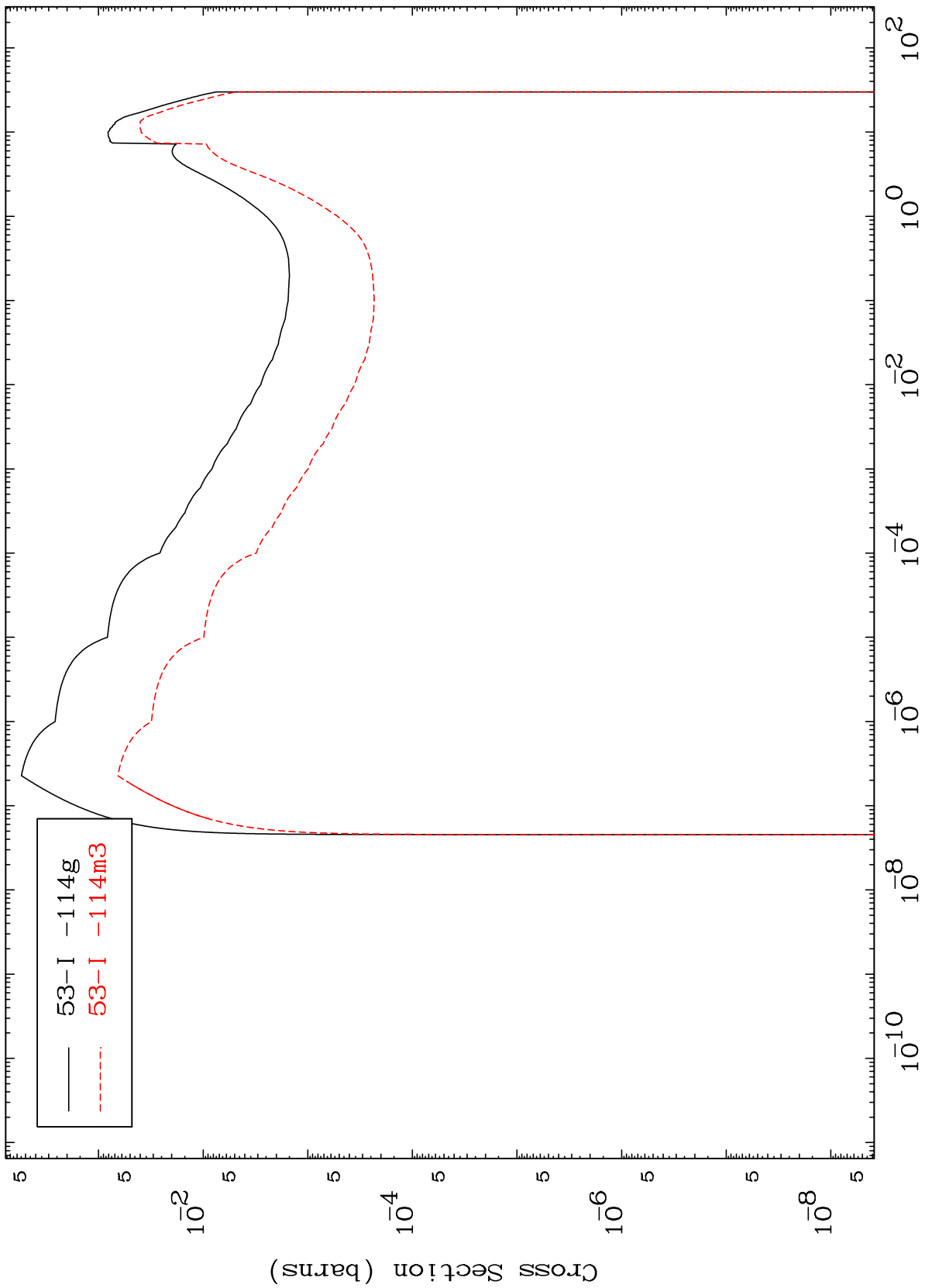
55-Cs-117



MAT 5477

55-Cs-117

Radionuclide Production Cross Section
(n, α)



48

55-Cs-117

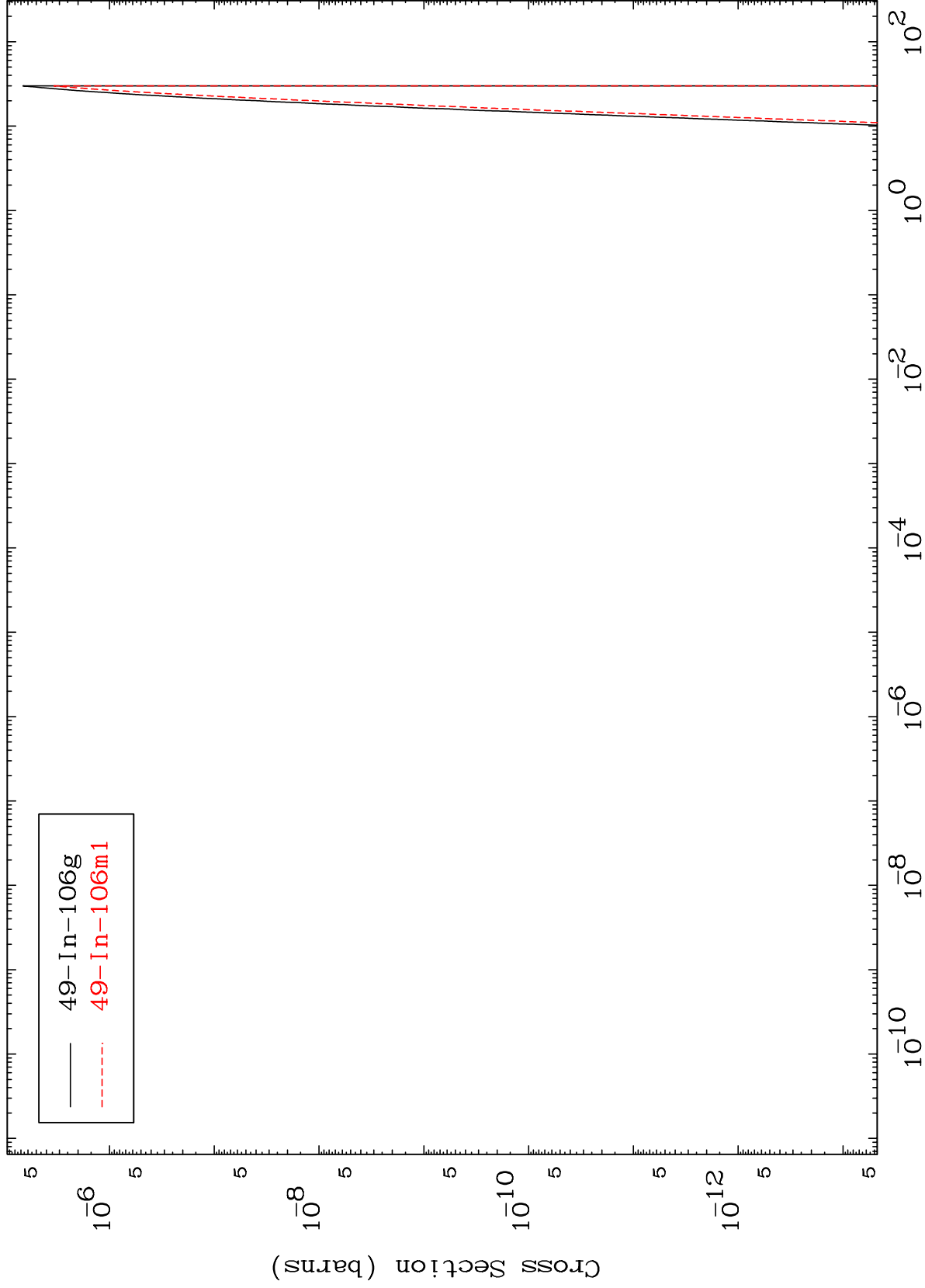
Incident Energy (MeV)

MAT 5477

(n, 3α)

55-Cs-117

Radionuclide Production Cross Section



49

Incident Energy (MeV)

55-Cs-117

