

Program EVALPLOT
(Version 2015-2)

by

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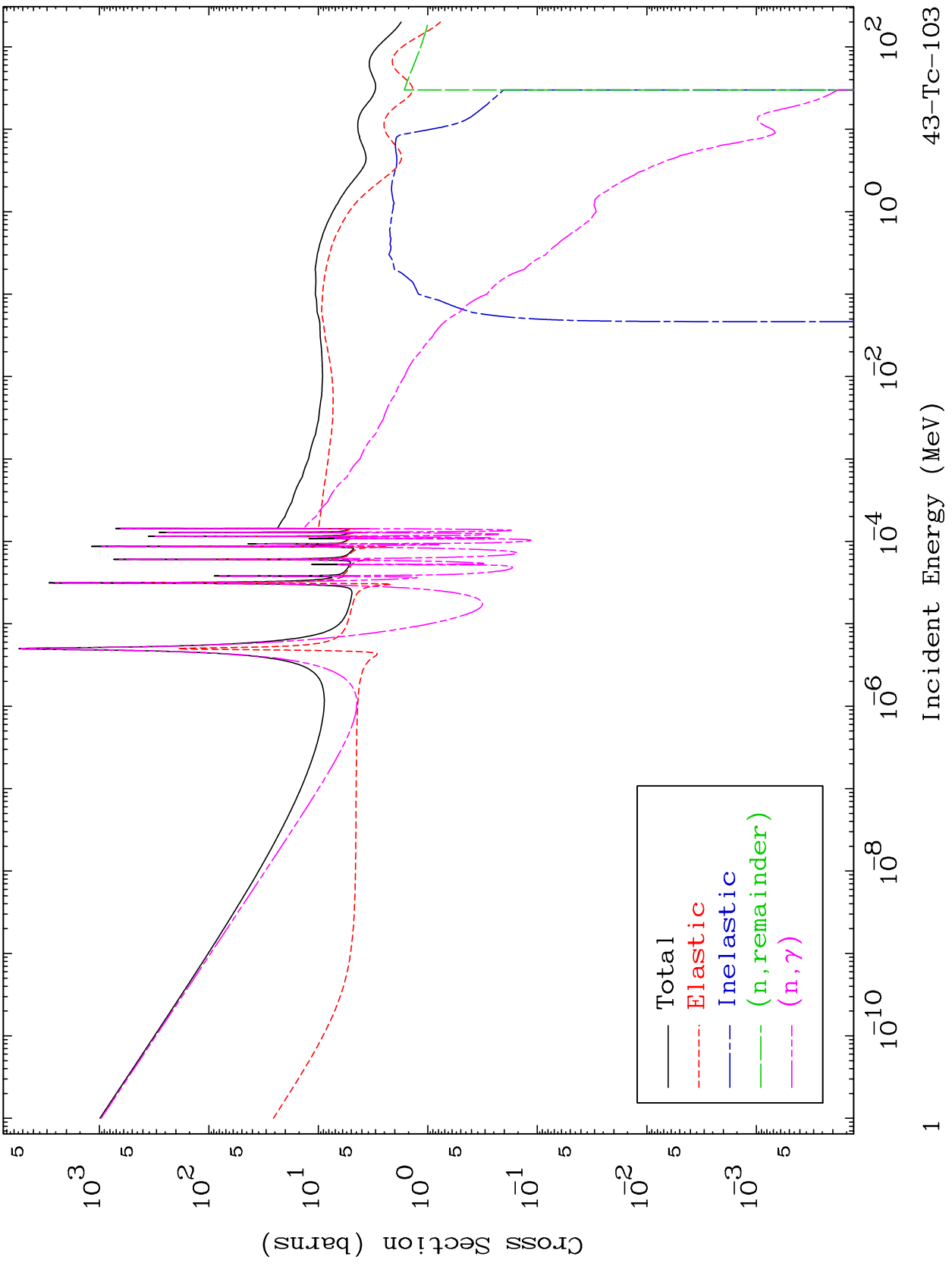
Press Mouse Button to Start

MAT 4337

Major

293 Kelvin Cross Sections

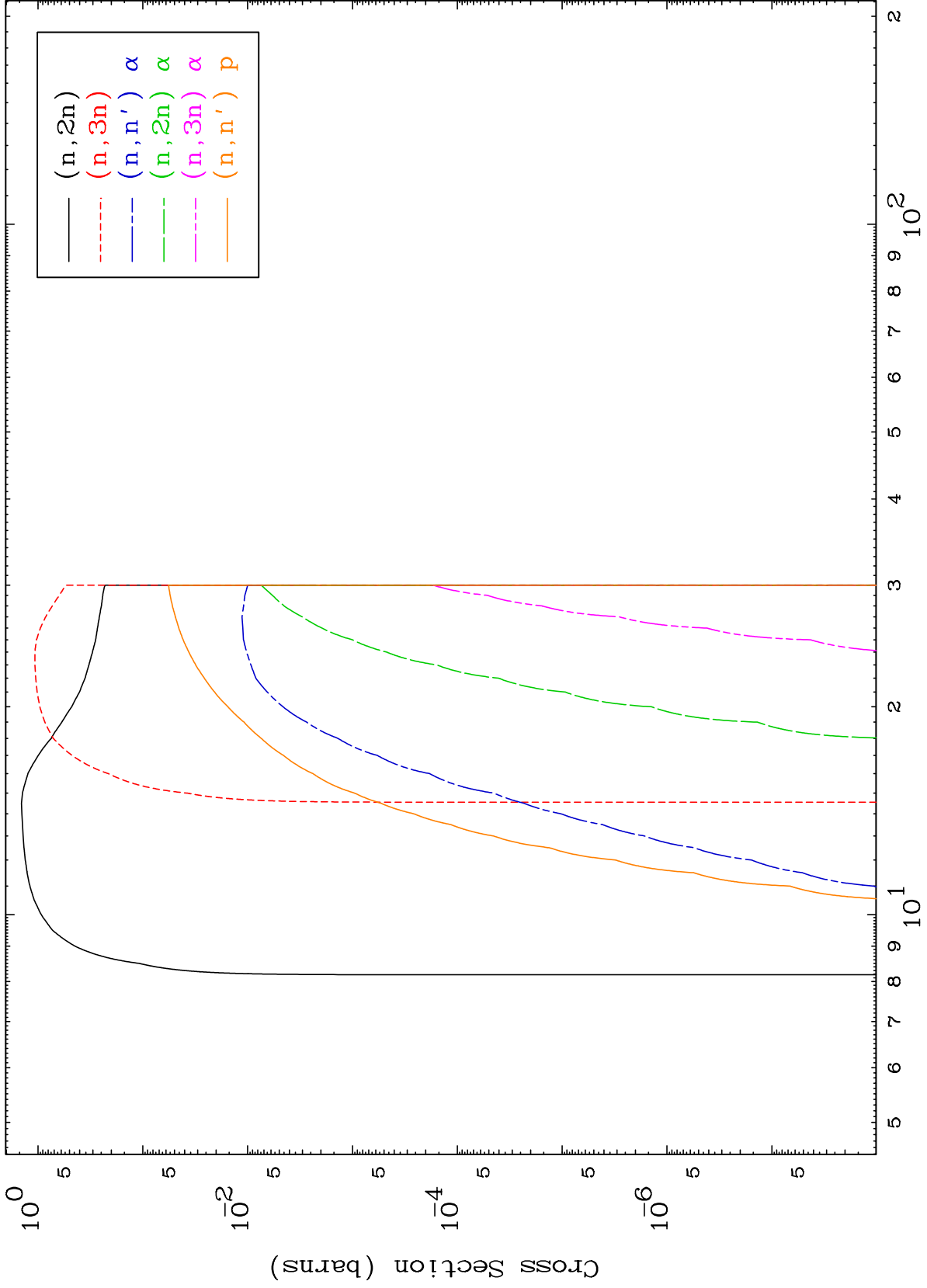
43-Tc-103



MAT 4337

Neutron Production
293 Kelvin Cross Sections

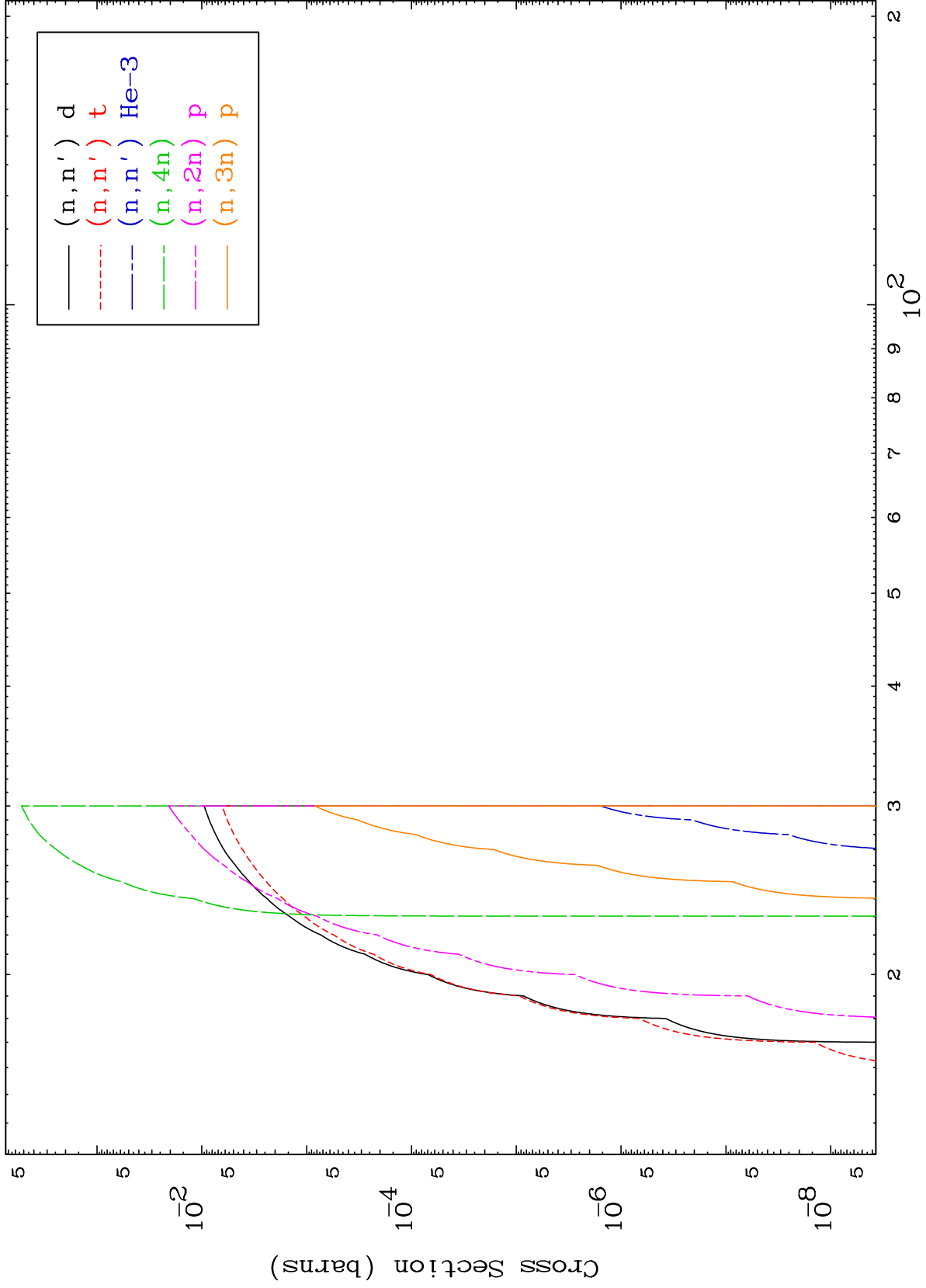
43-Tc-103



2

Incident Energy (MeV)

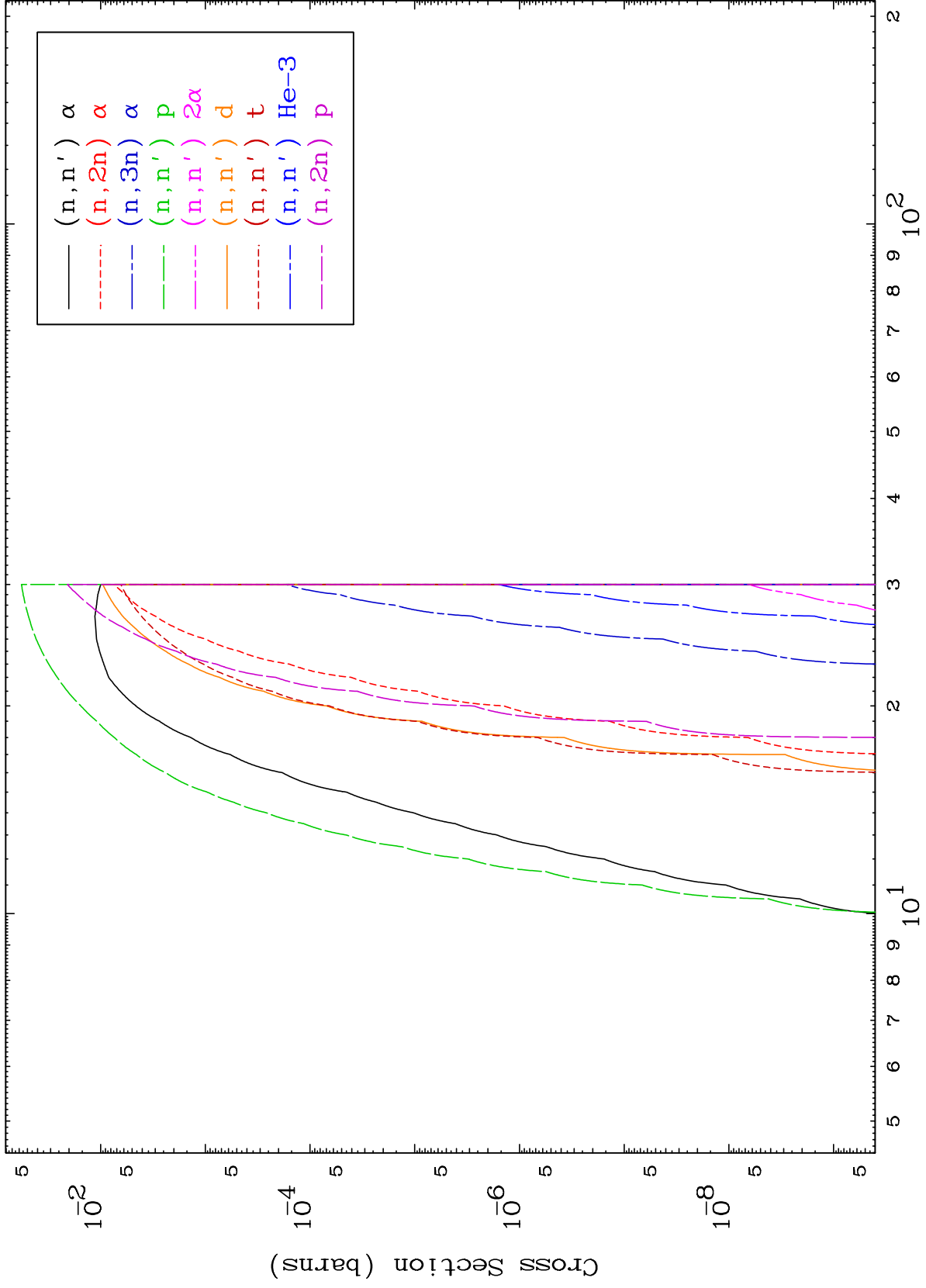
43-Tc-103



MAT 4337

Charged Particle
293 Kelvin Cross Sections

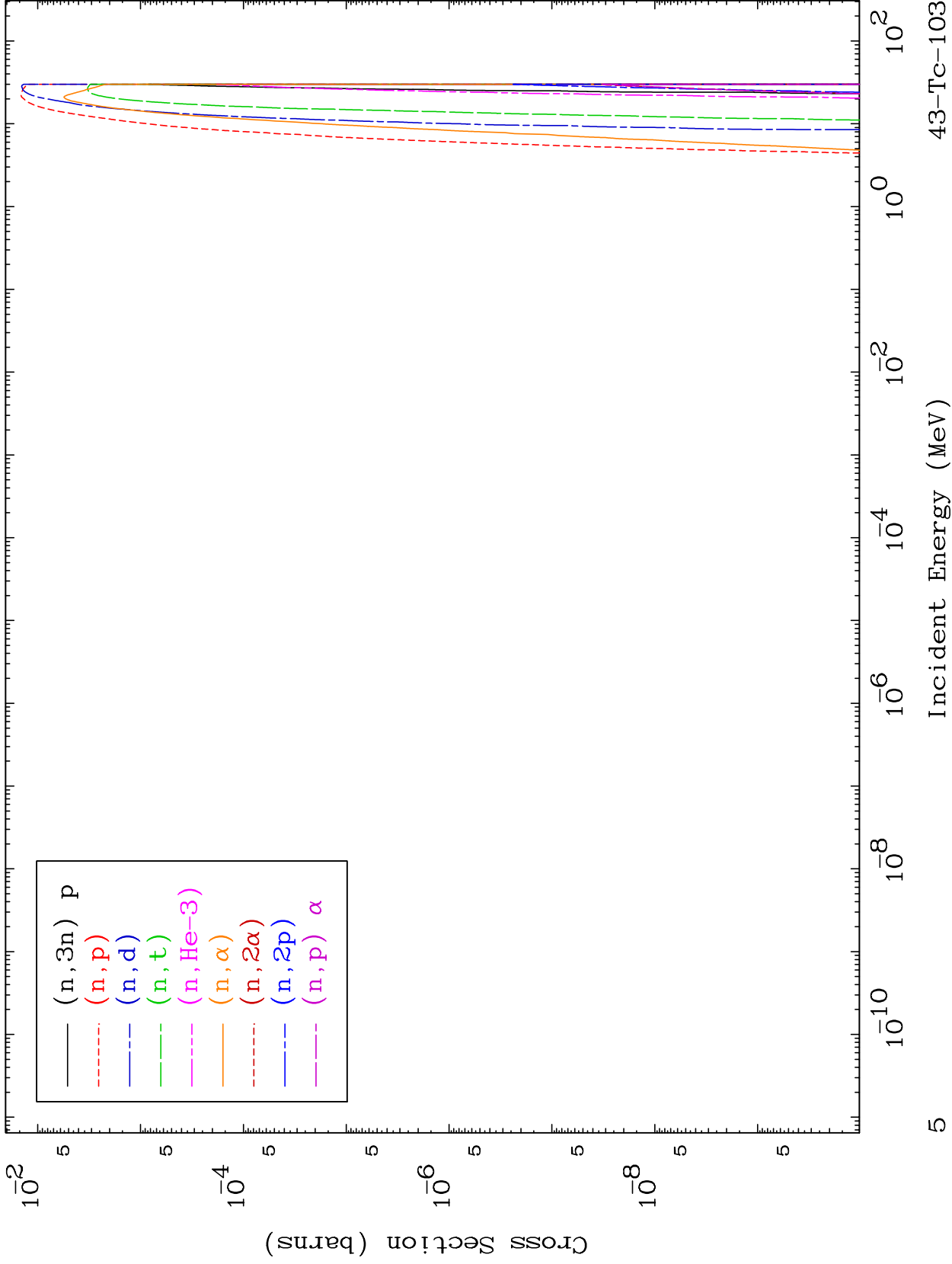
43-Tc-103



MAT 4337

Charged Particle
293 Kelvin Cross Sections

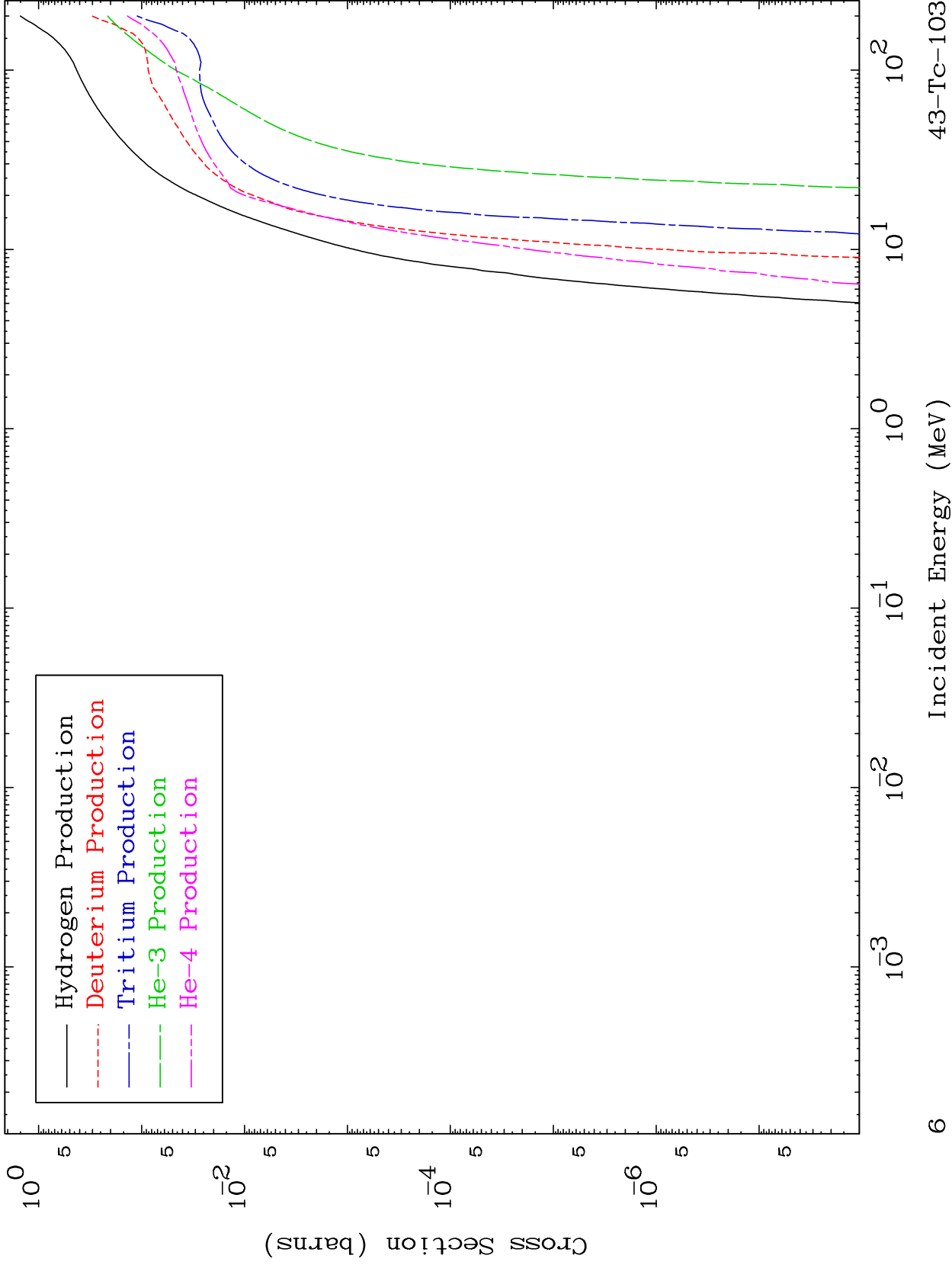
43-Tc-103



MAT 4337

Particle Production
293 Kelvin Cross Sections

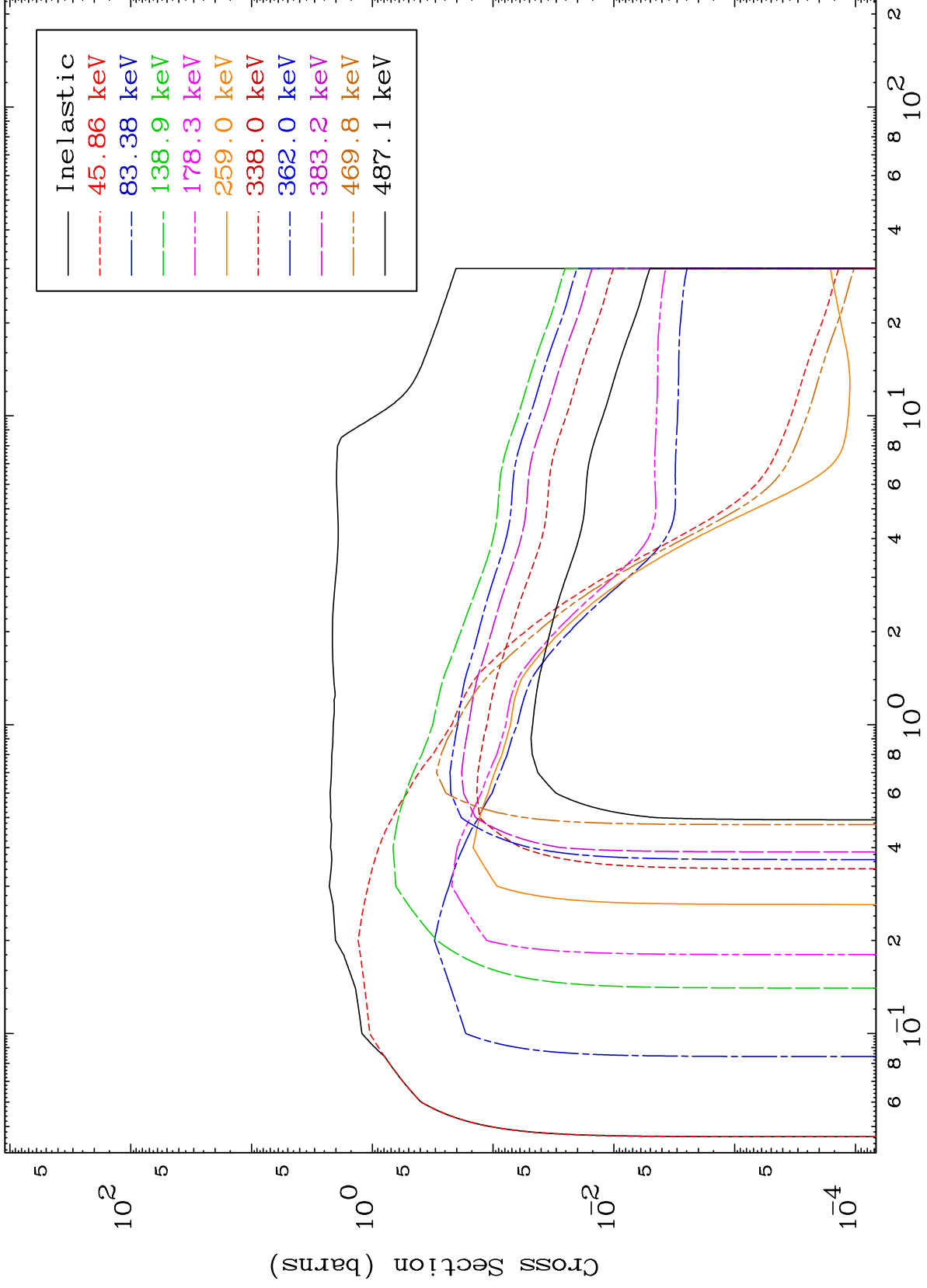
43-Tc-103



MAT 4337

(n,n') Level
293 Kelvin Cross Sections

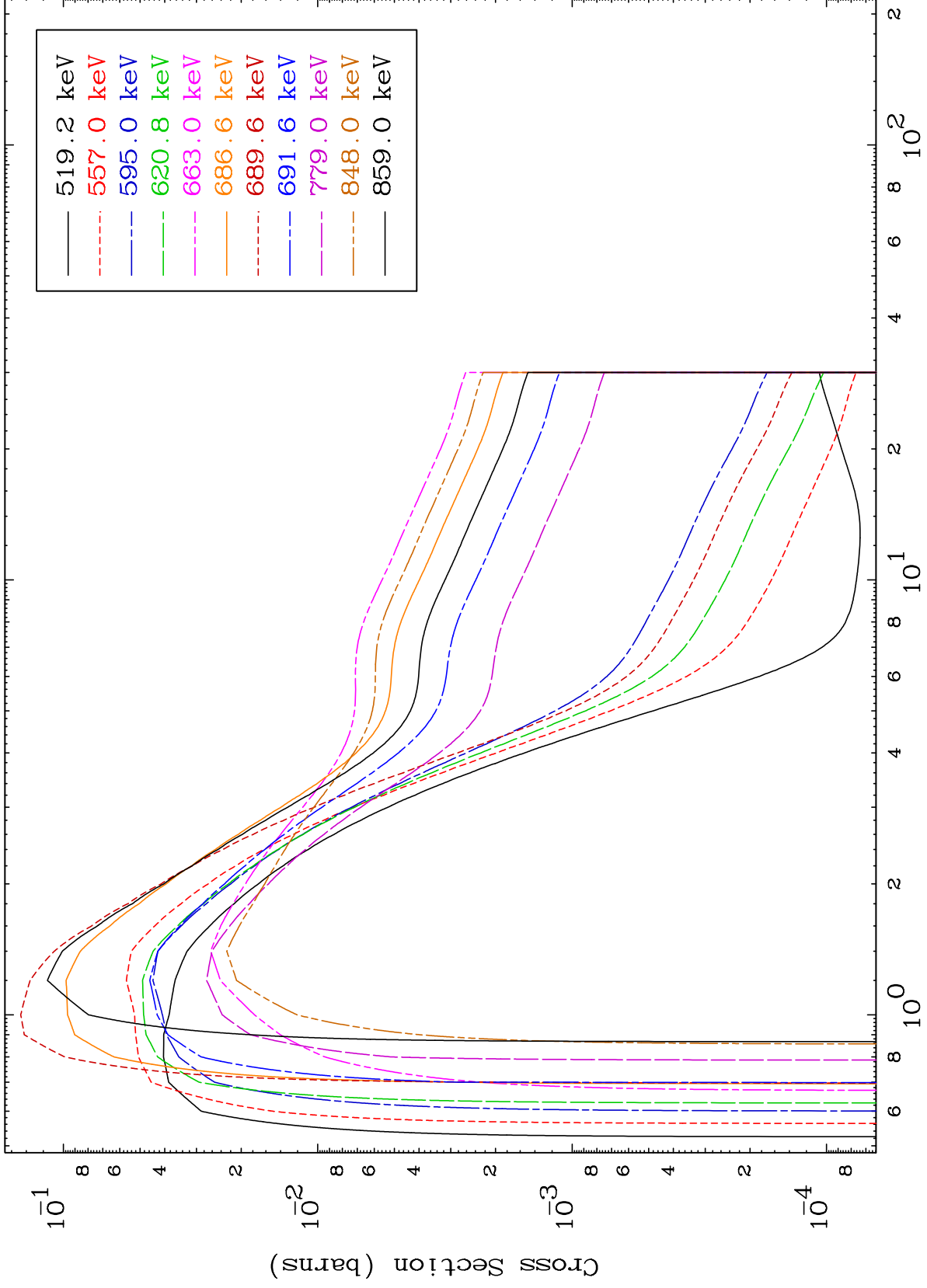
43-Tc-103



MAT 4337

(n,n') Level
293 Kelvin Cross Sections

43-Tc-103



8

Incident Energy (MeV)

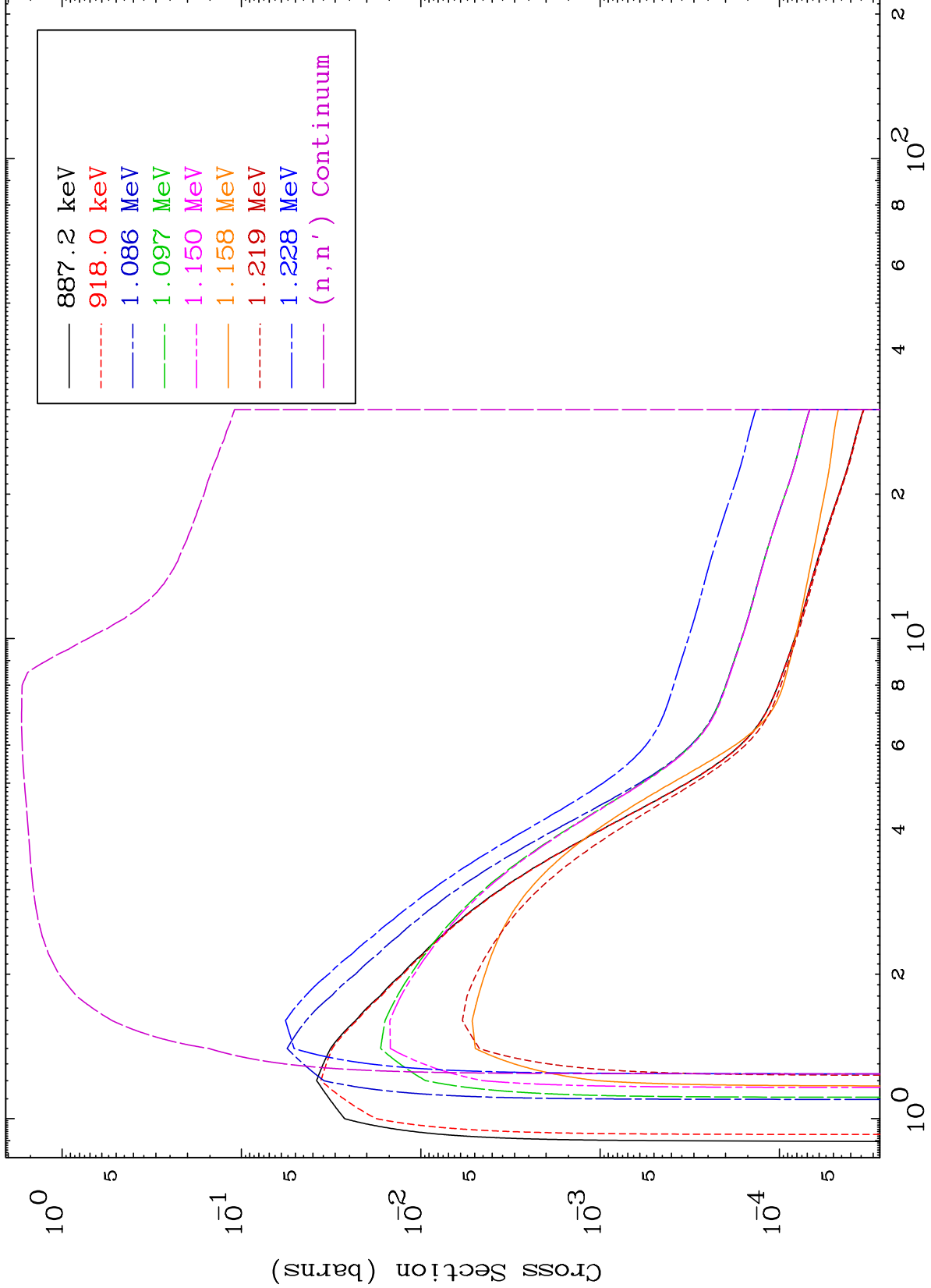
43-Tc-103

MAT 4337

(n,n') Level

43-Tc-103

293 Kelvin Cross Sections



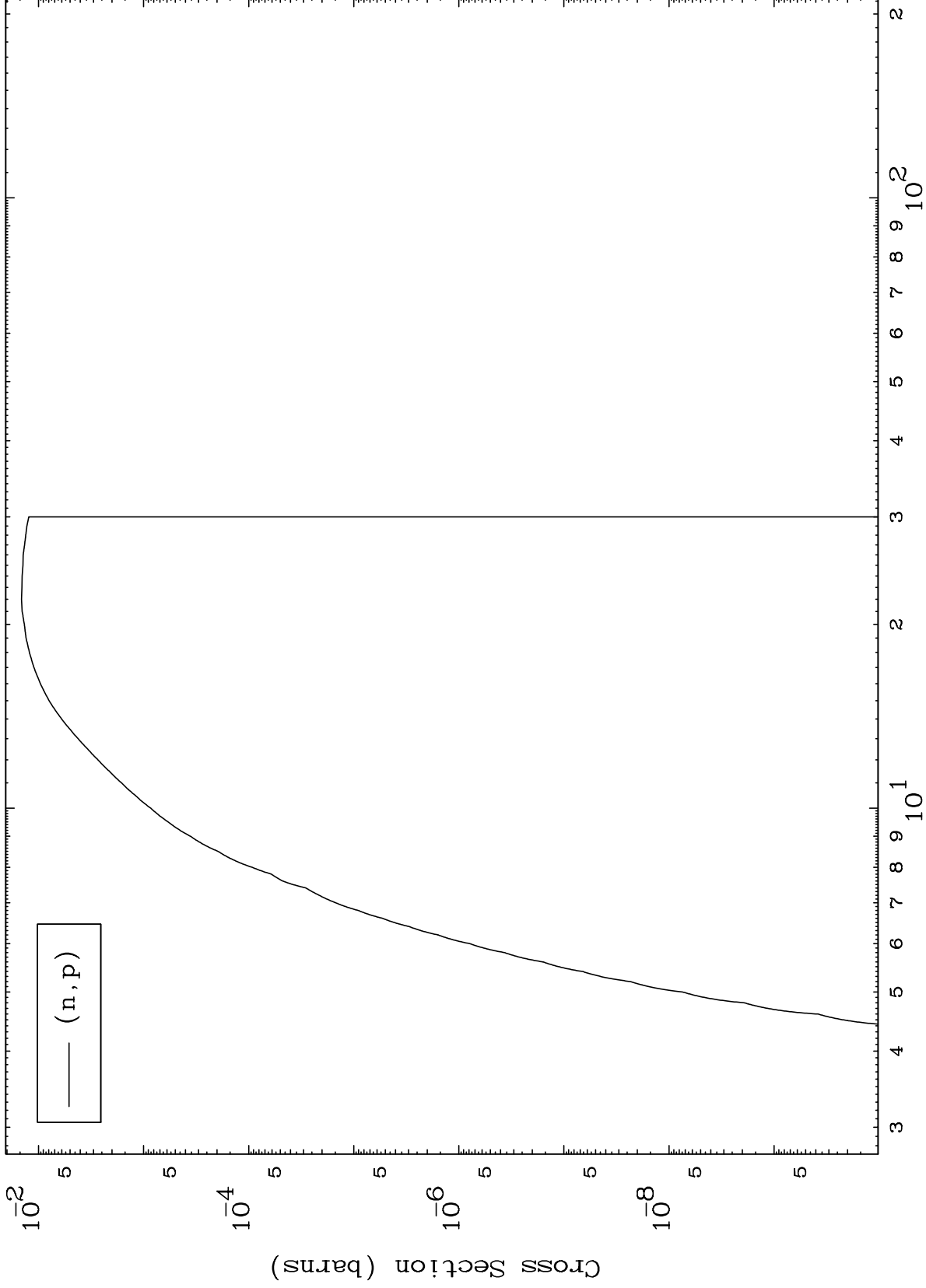
Incident Energy (MeV)

43-Tc-103

MAT 4337

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-103



10

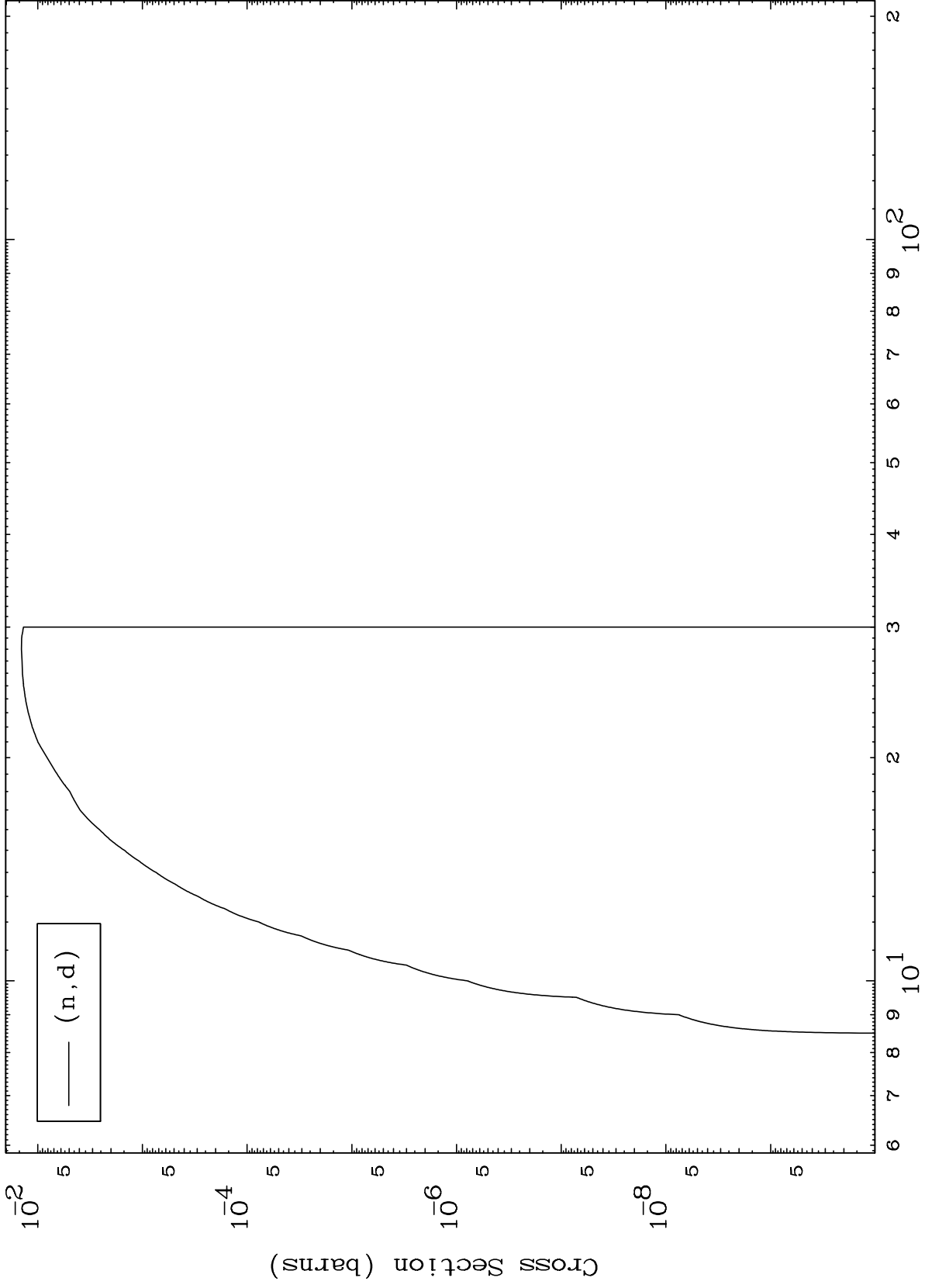
Incident Energy (MeV)

43-Tc-103

MAT 4337

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-103



11

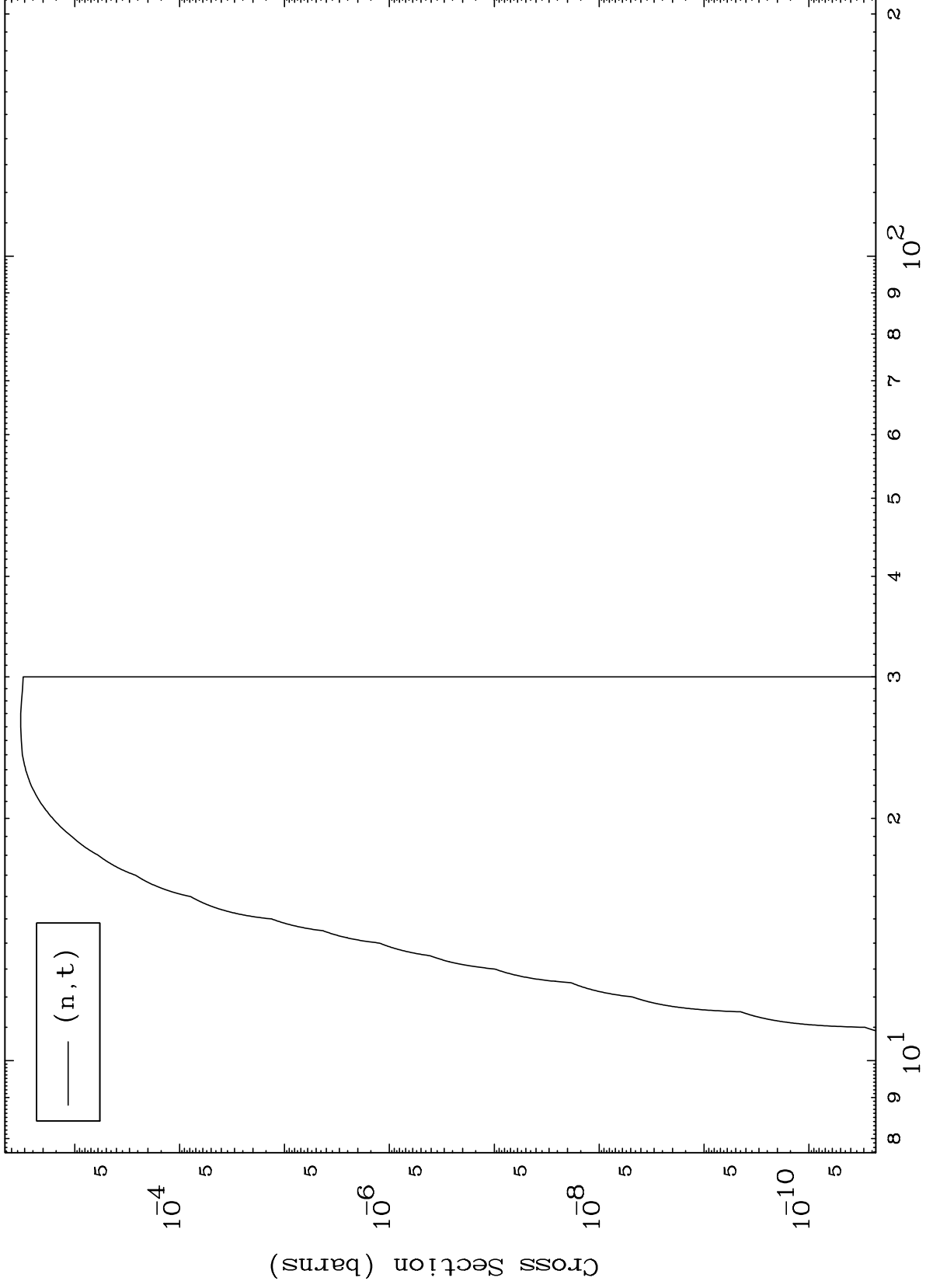
Incident Energy (MeV)

43-Tc-103

MAT 4337

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-103



12

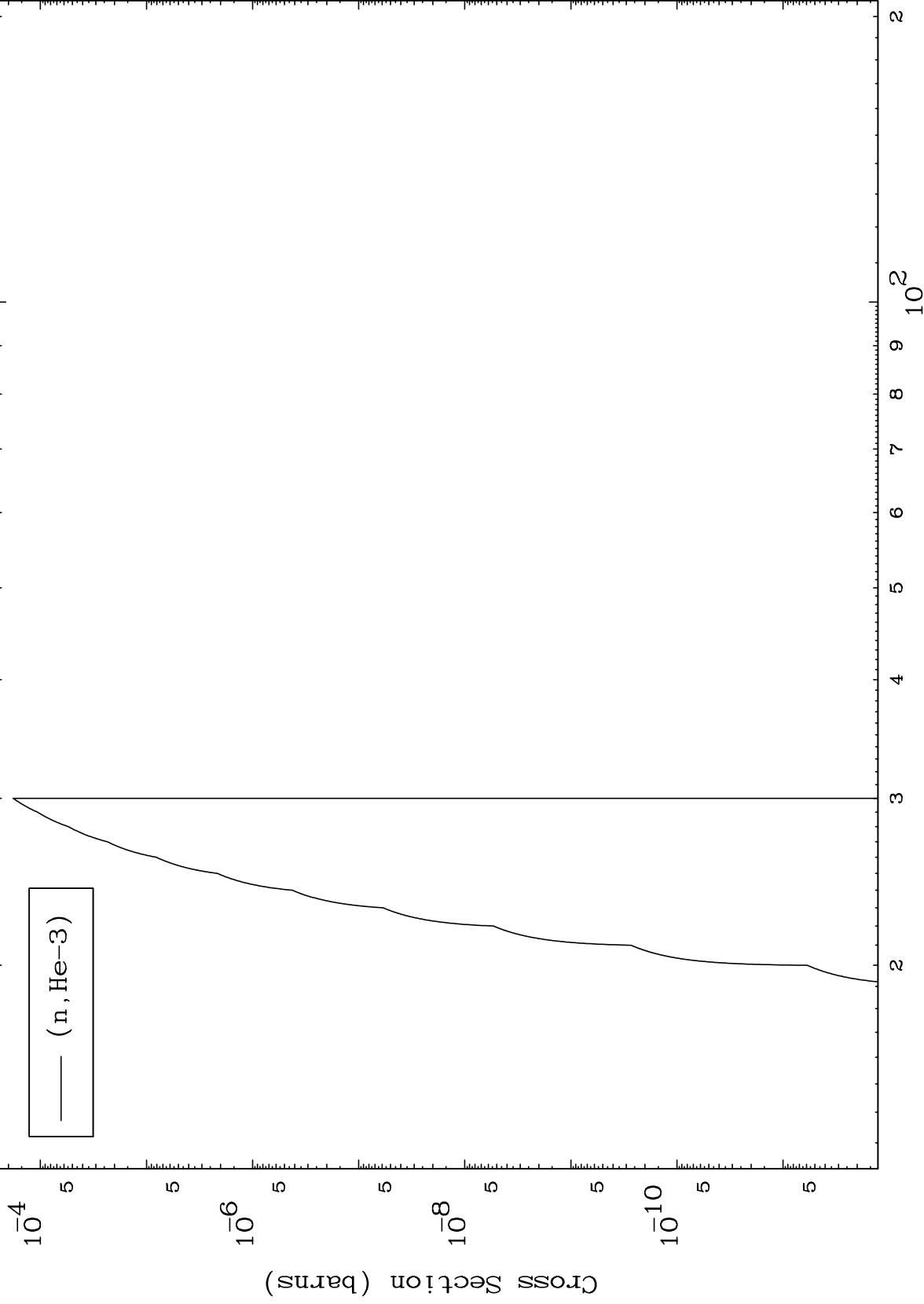
Incident Energy (MeV)

43-Tc-103

MAT 4337

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-103



13

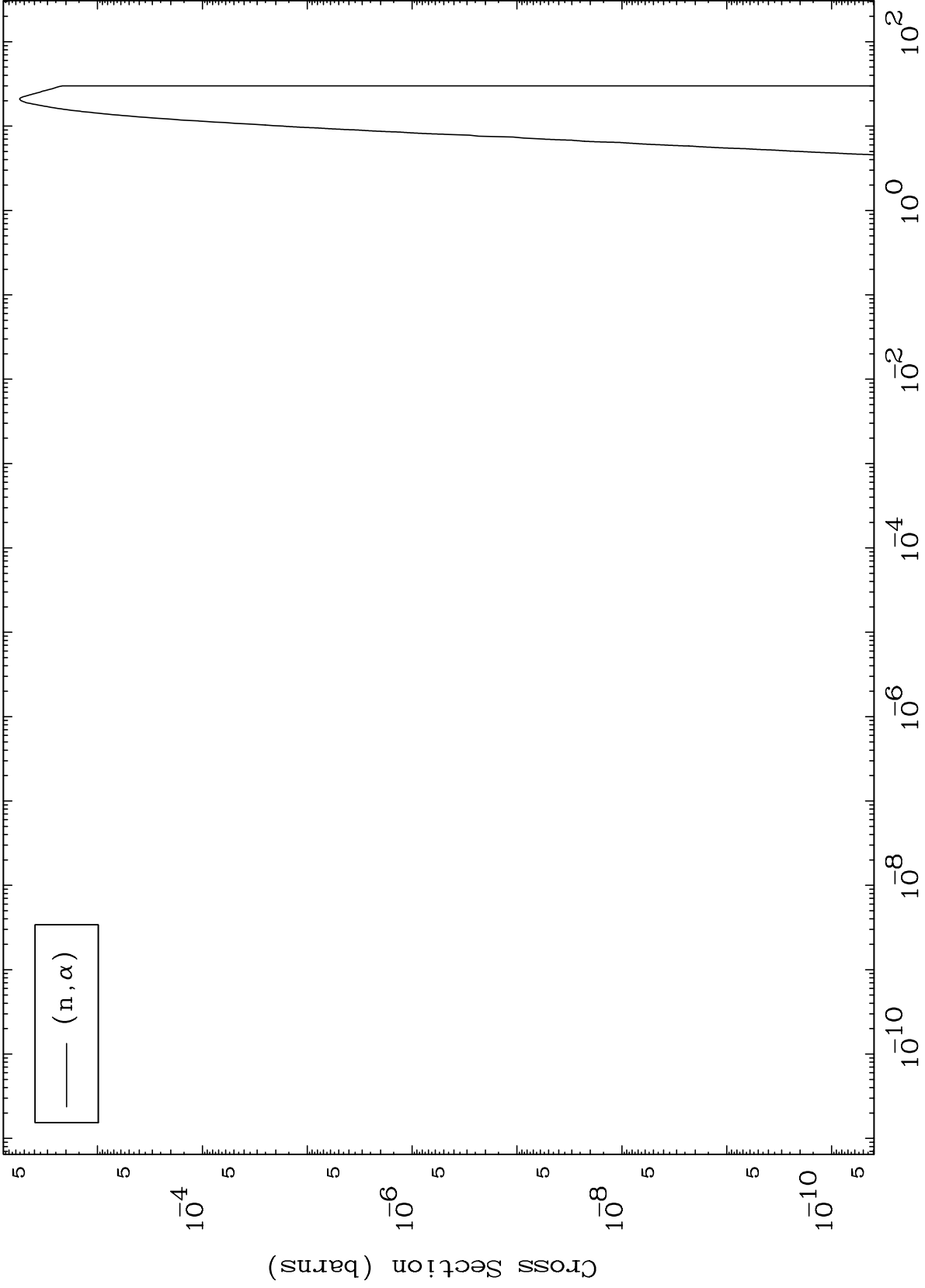
Incident Energy (MeV)

43-Tc-103

MAT 4337

(n, α) Levels
293 Kelvin Cross Sections

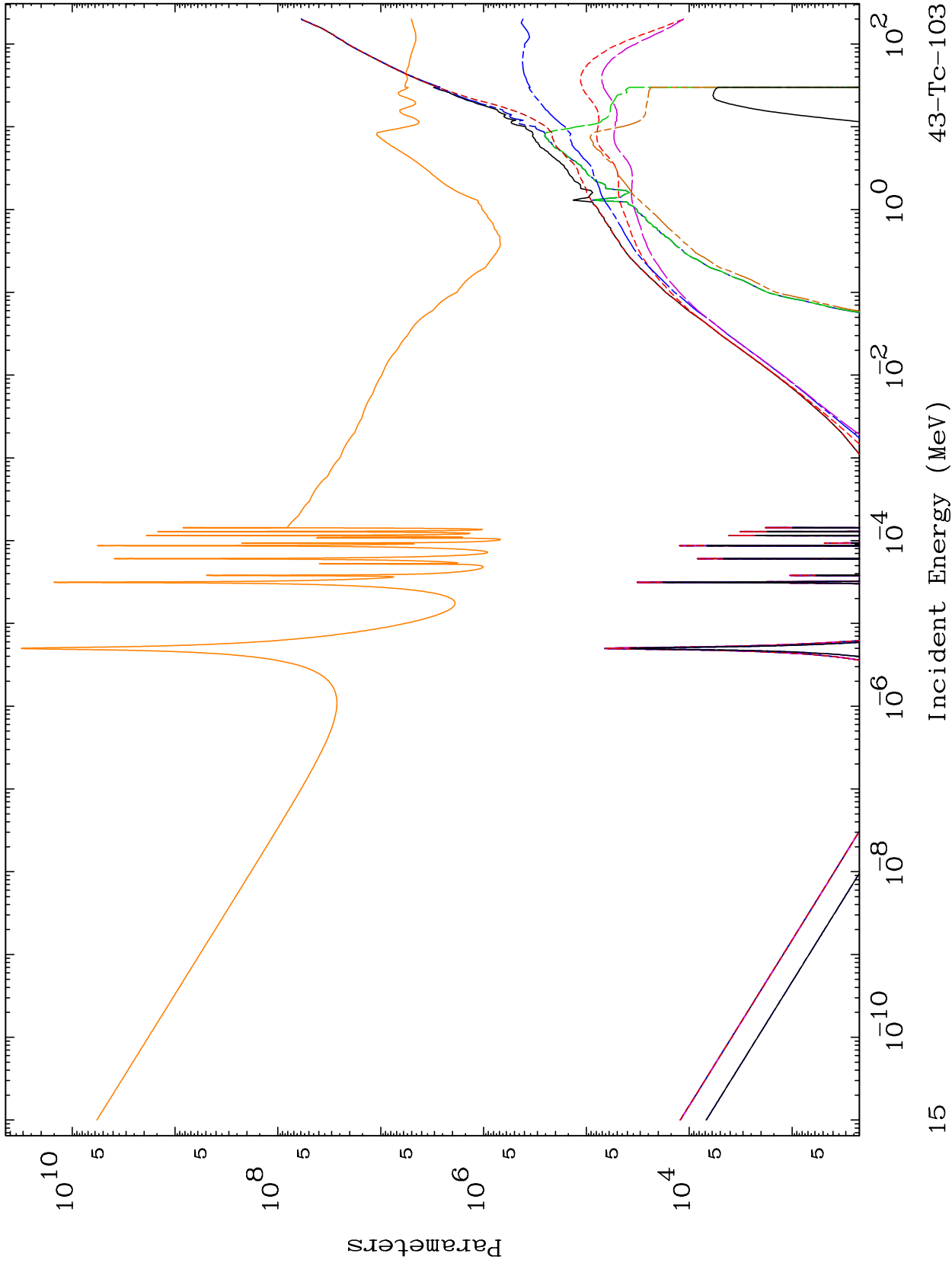
43-Tc-103



MAT 4337

Energy Release
Parameters

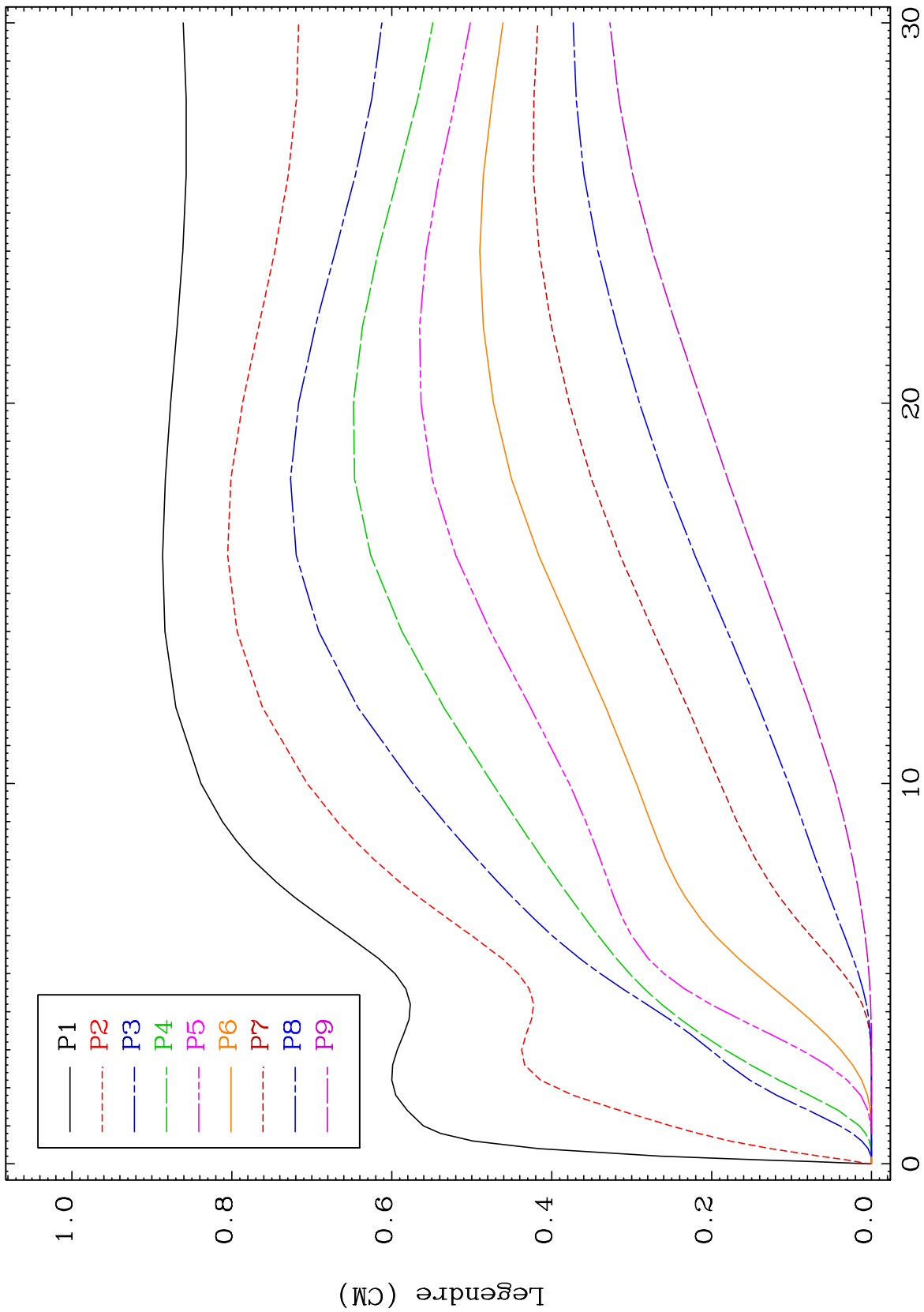
43-Tc-103



MAT 4337

Elastic Legendre Coefficients

43-Tc-103



16

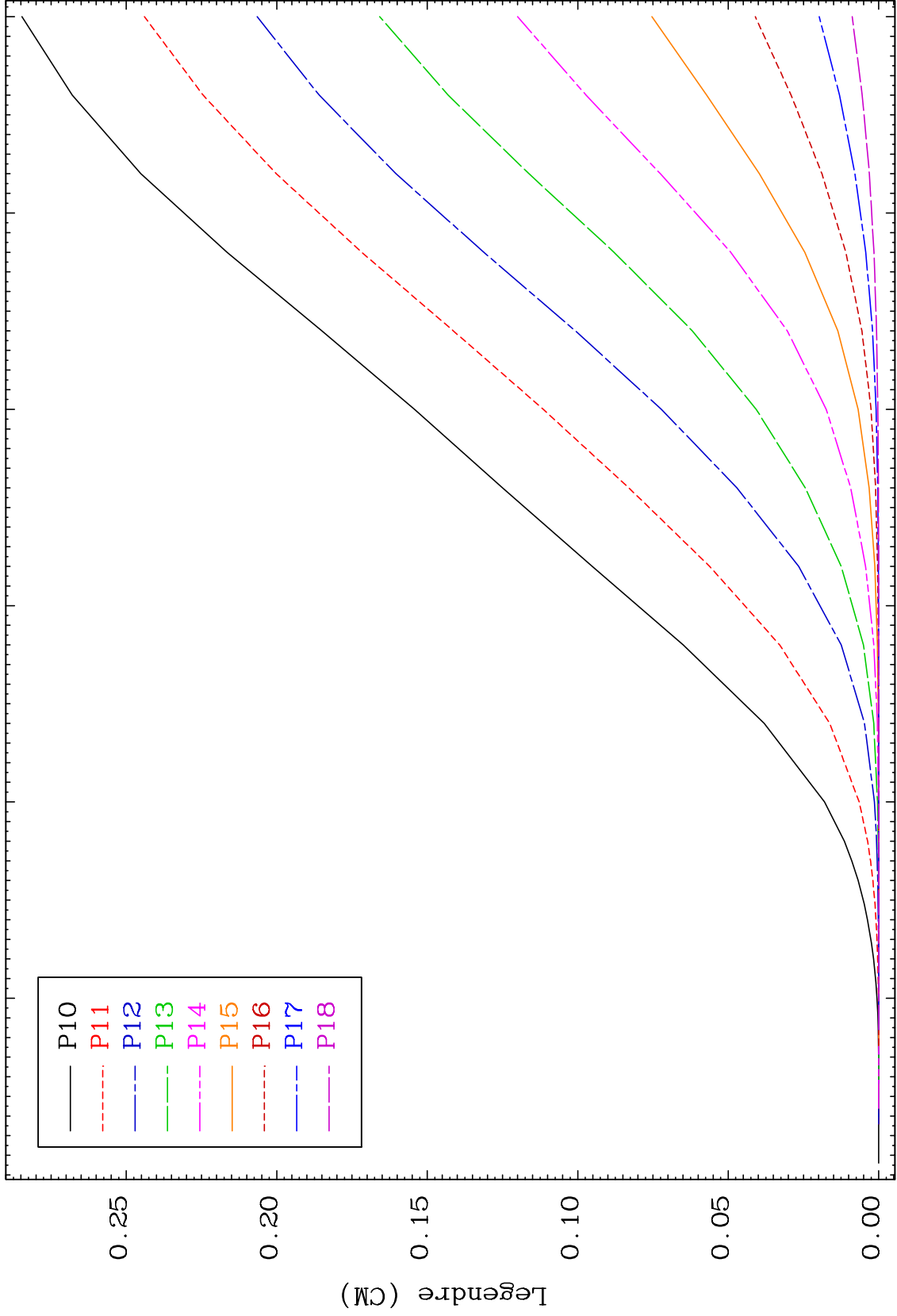
Incident Energy (MeV)

43-Tc-103

MAT 4337

Elastic Legendre Coefficients

43-Tc-103



17

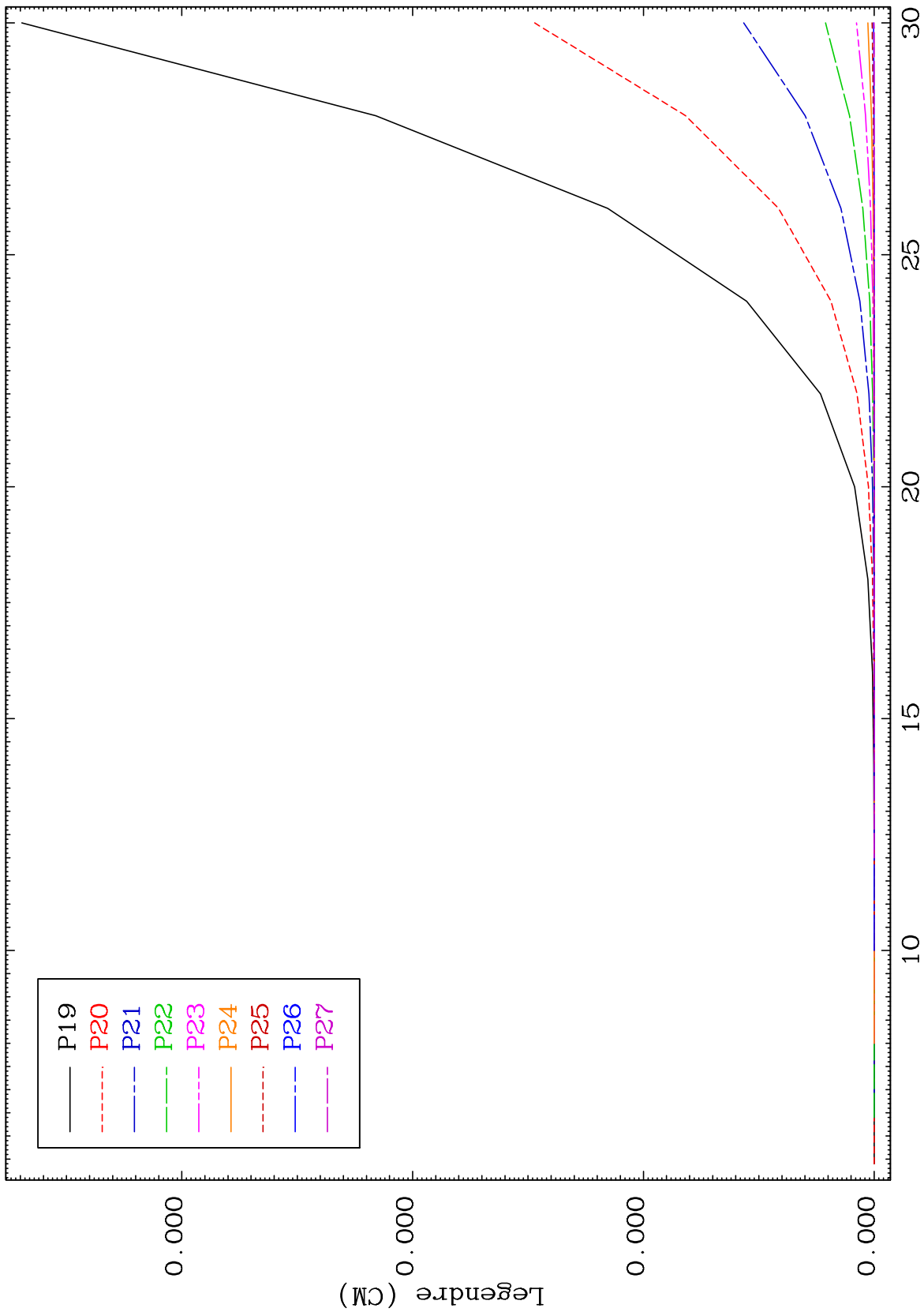
Incident Energy (MeV)

43-Tc-103

MAT 4337

Elastic Legendre Coefficients

43-Tc-103



18

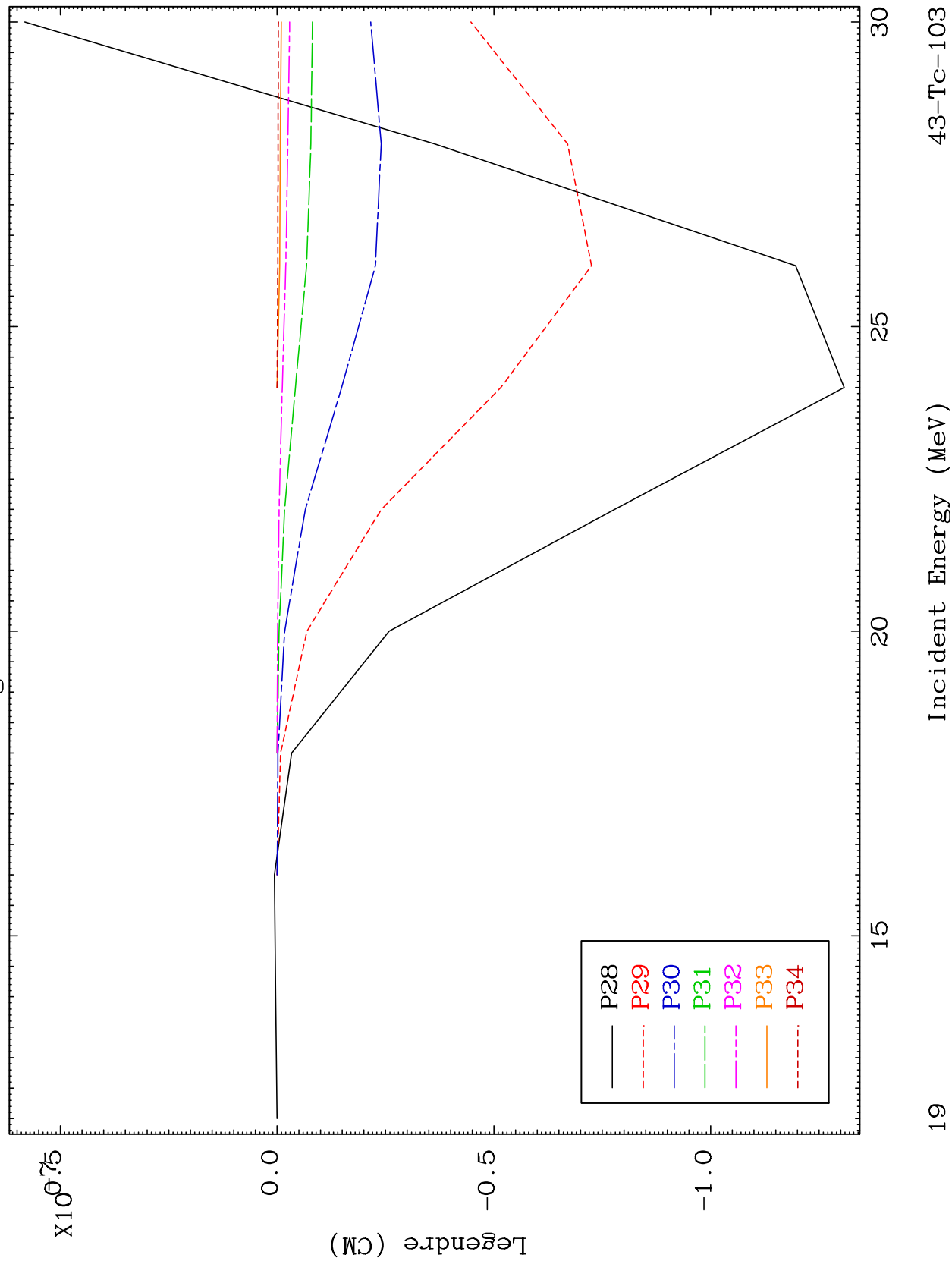
Incident Energy (MeV)

43-Tc-103

MAT 4337

Elastic Legendre Coefficients

43-Tc-103



19

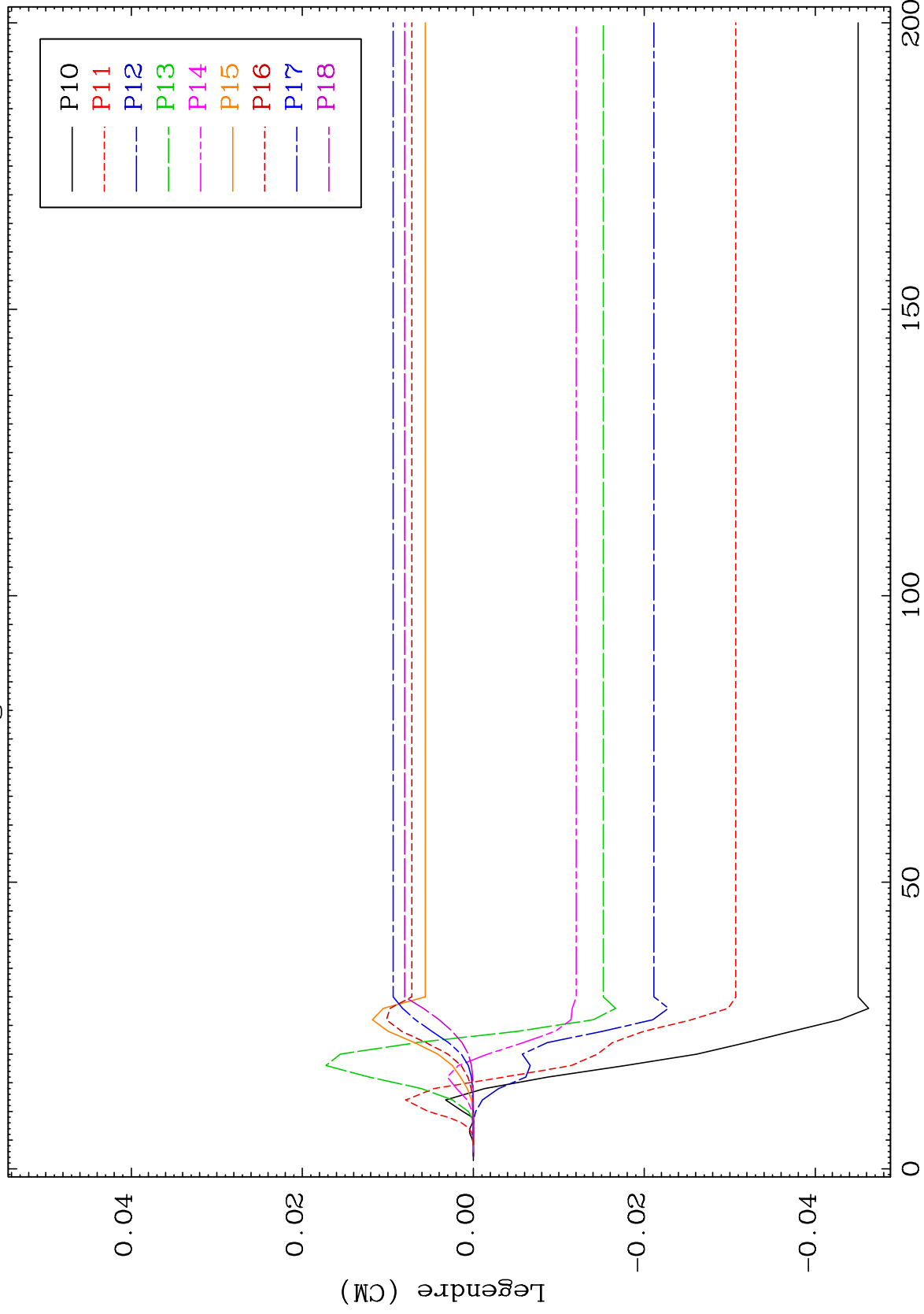
Incident Energy (MeV)

43-Tc-103

MAT 4337

45.86 keV (n, n') Level
Legendre Coefficients

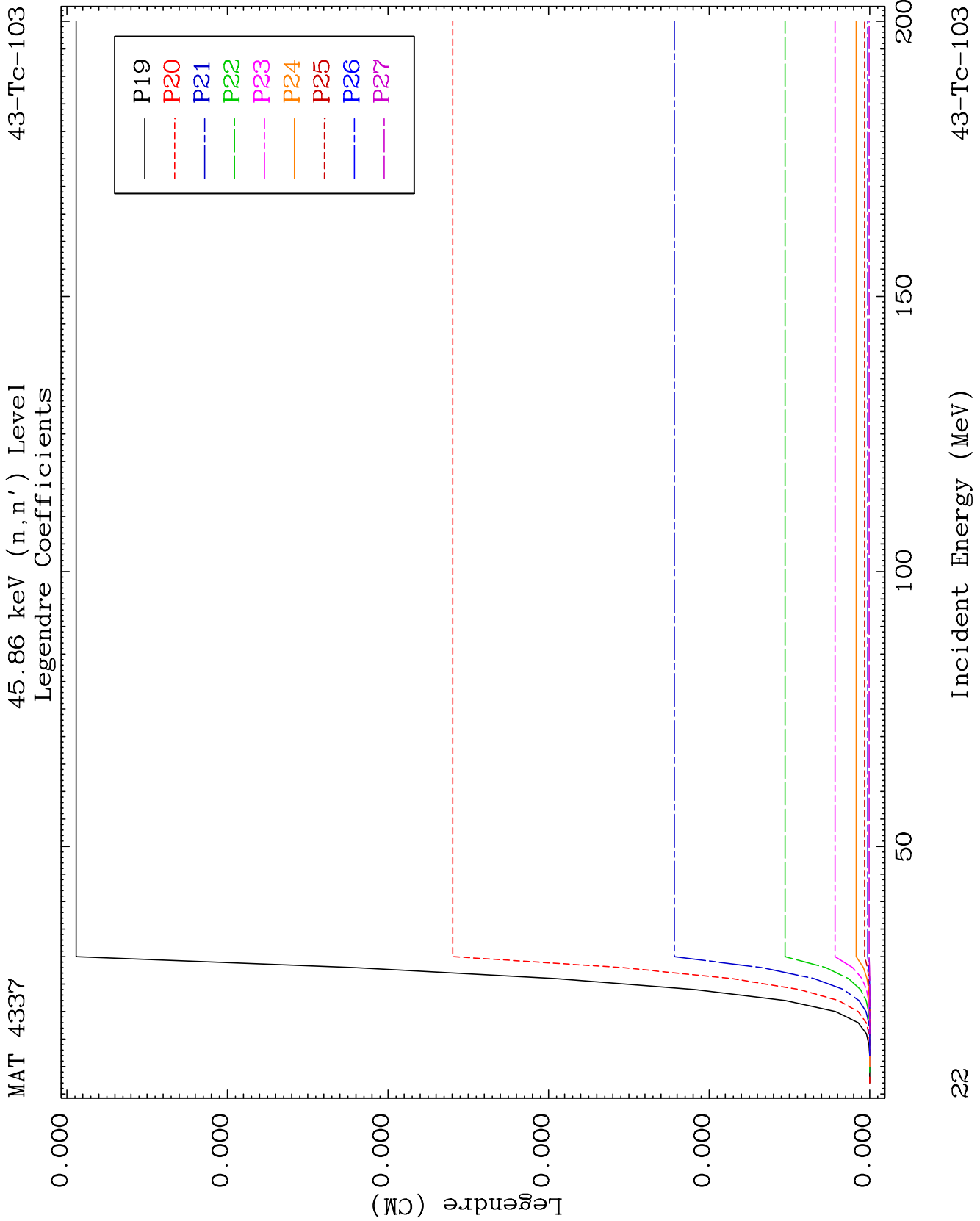
43-Tc-103



21

Incident Energy (MeV)

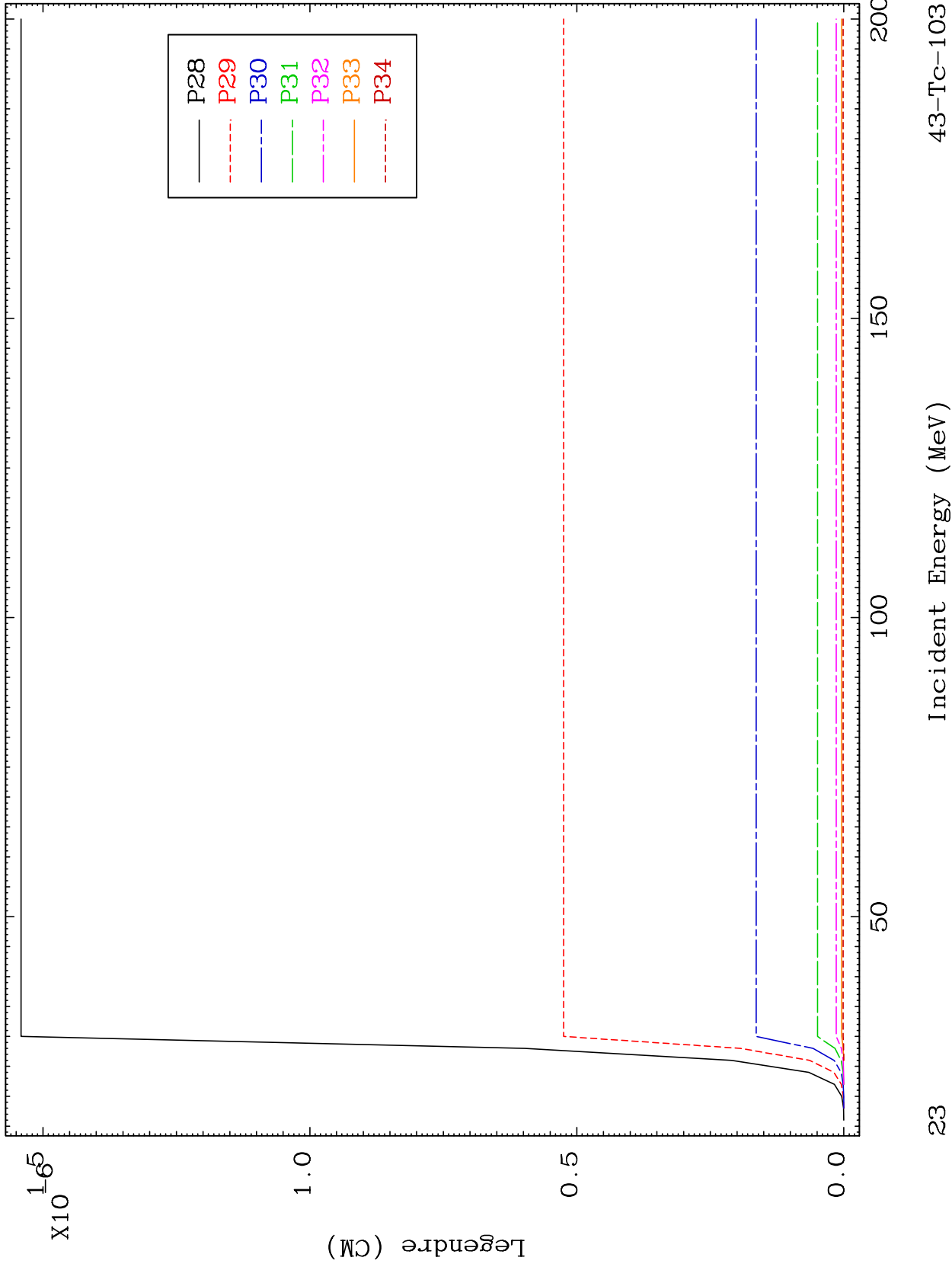
43-Tc-103



MAT 4337

45.86 keV (n,n') Level
Legendre Coefficients

43-Tc-103



23

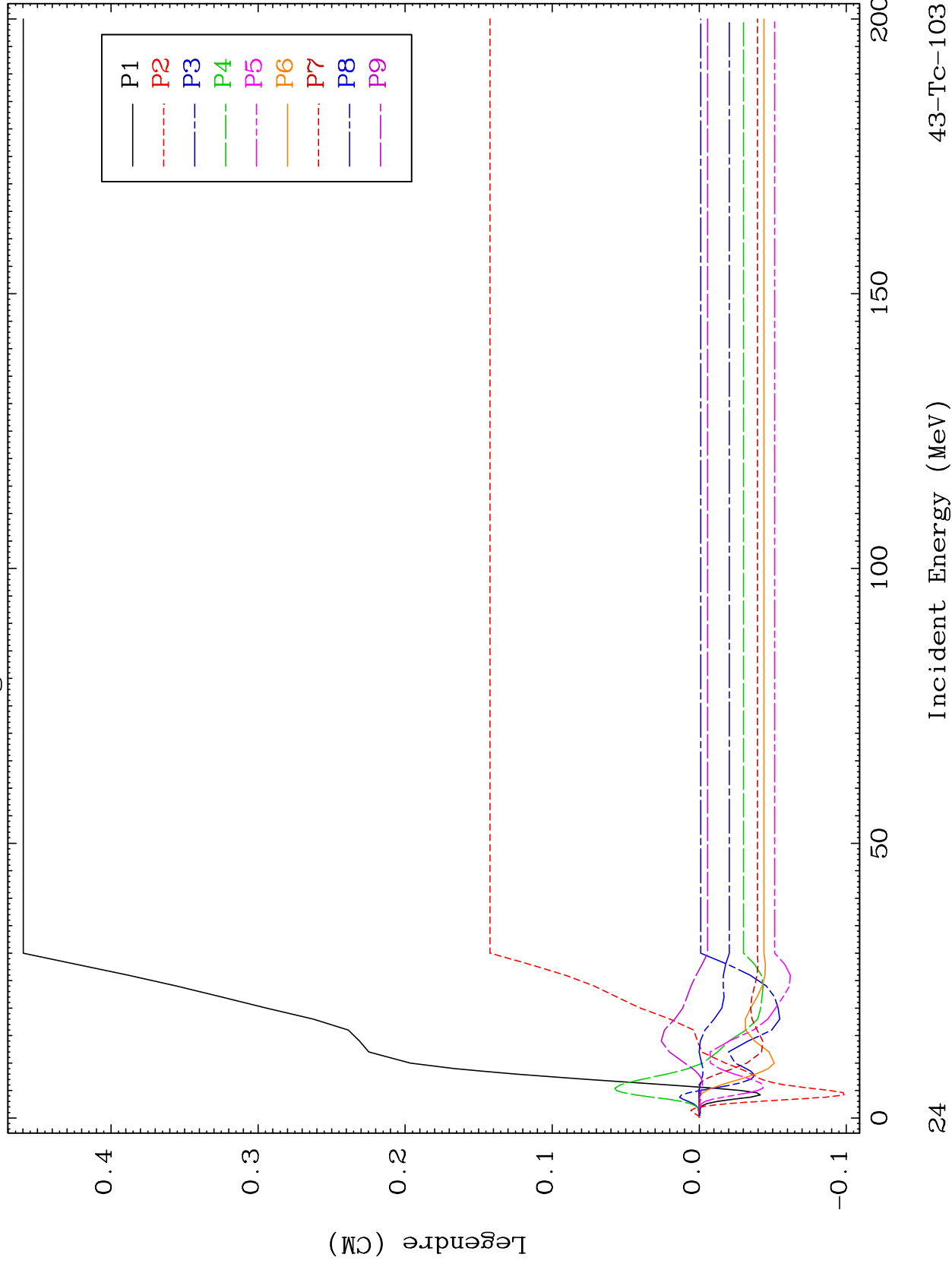
Incident Energy (MeV)

43-Tc-103

MAT 4337

83.38 keV (n,n') Level
Legendre Coefficients

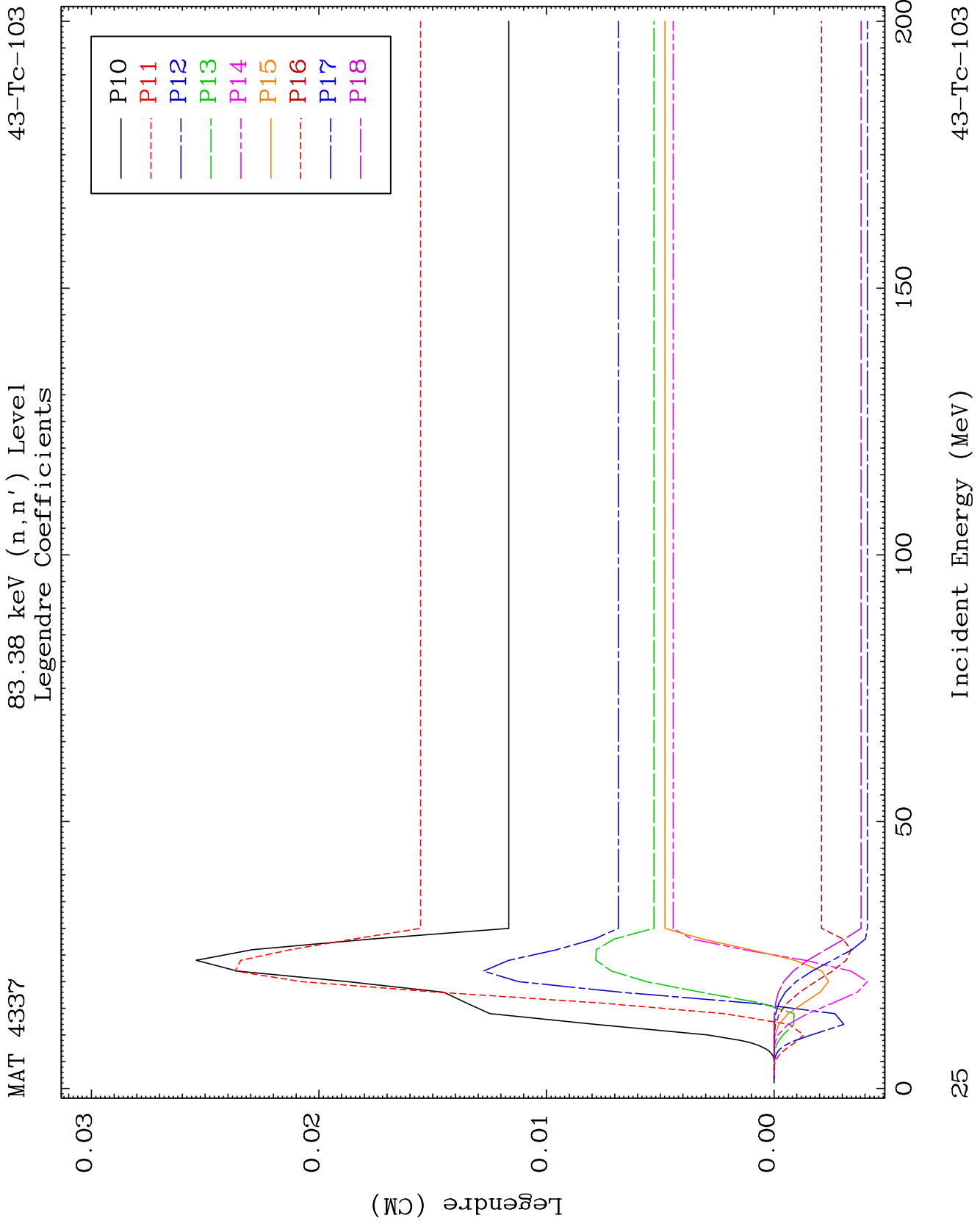
43-Tc-103

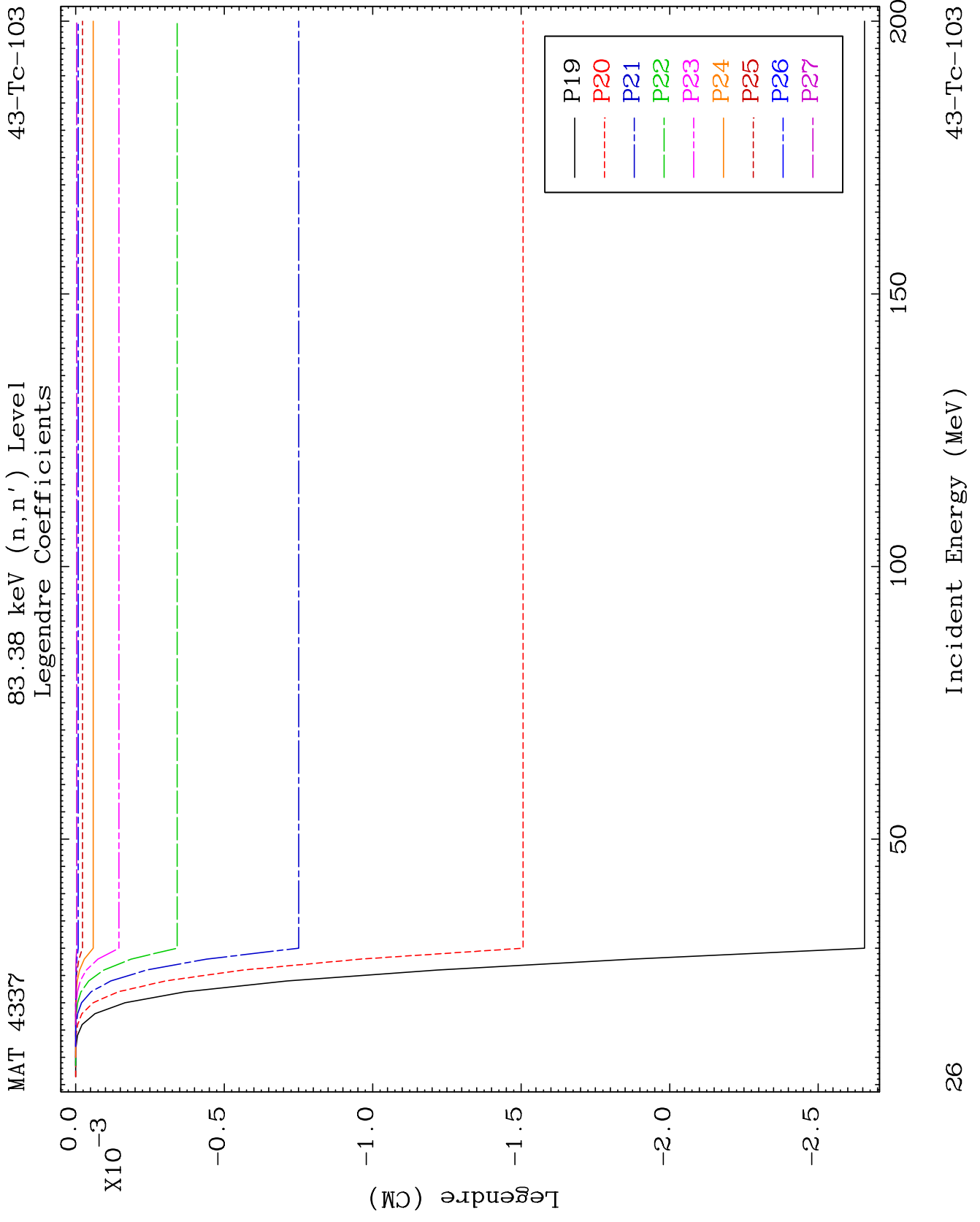


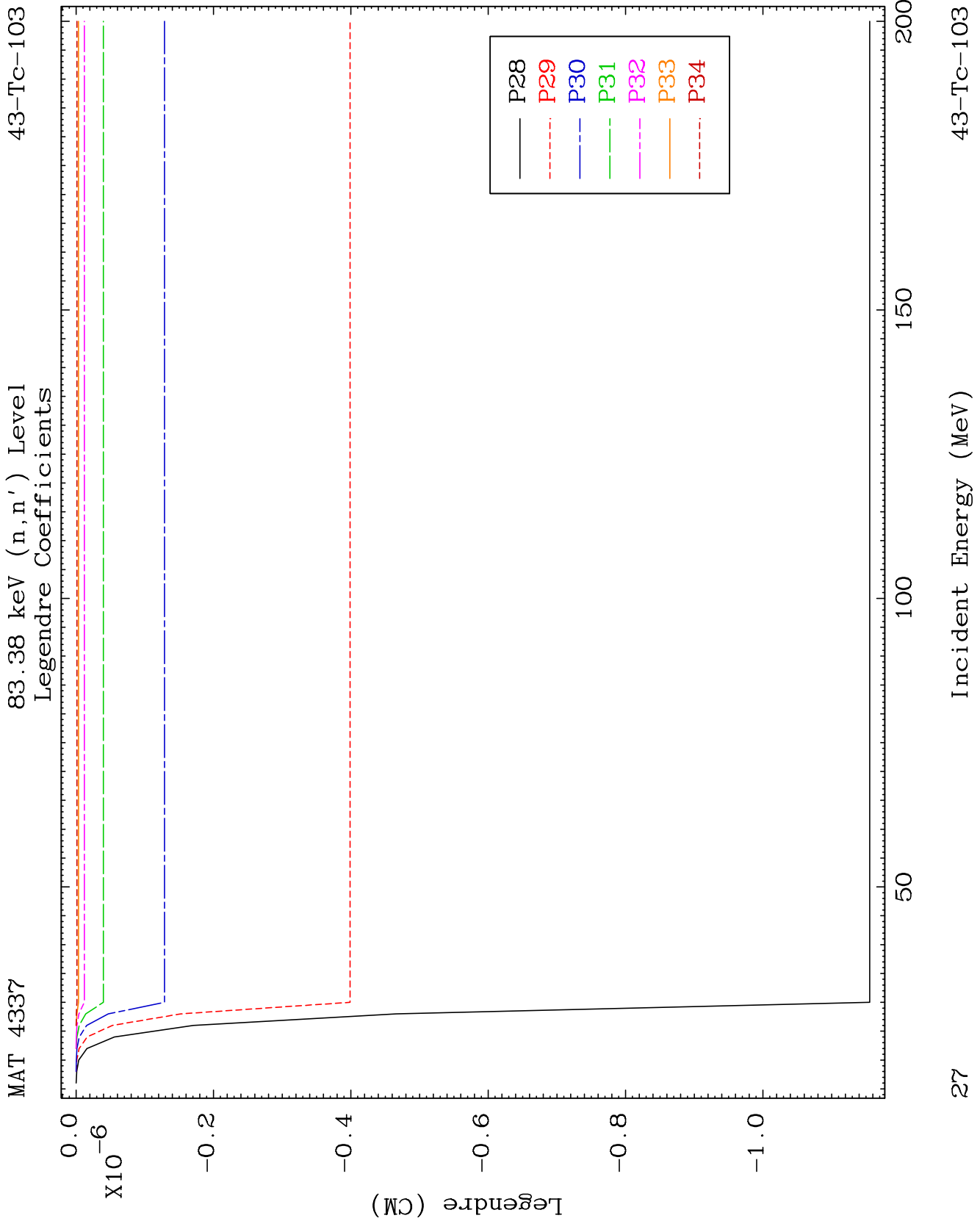
43-Tc-103

Incident Energy (MeV)

24



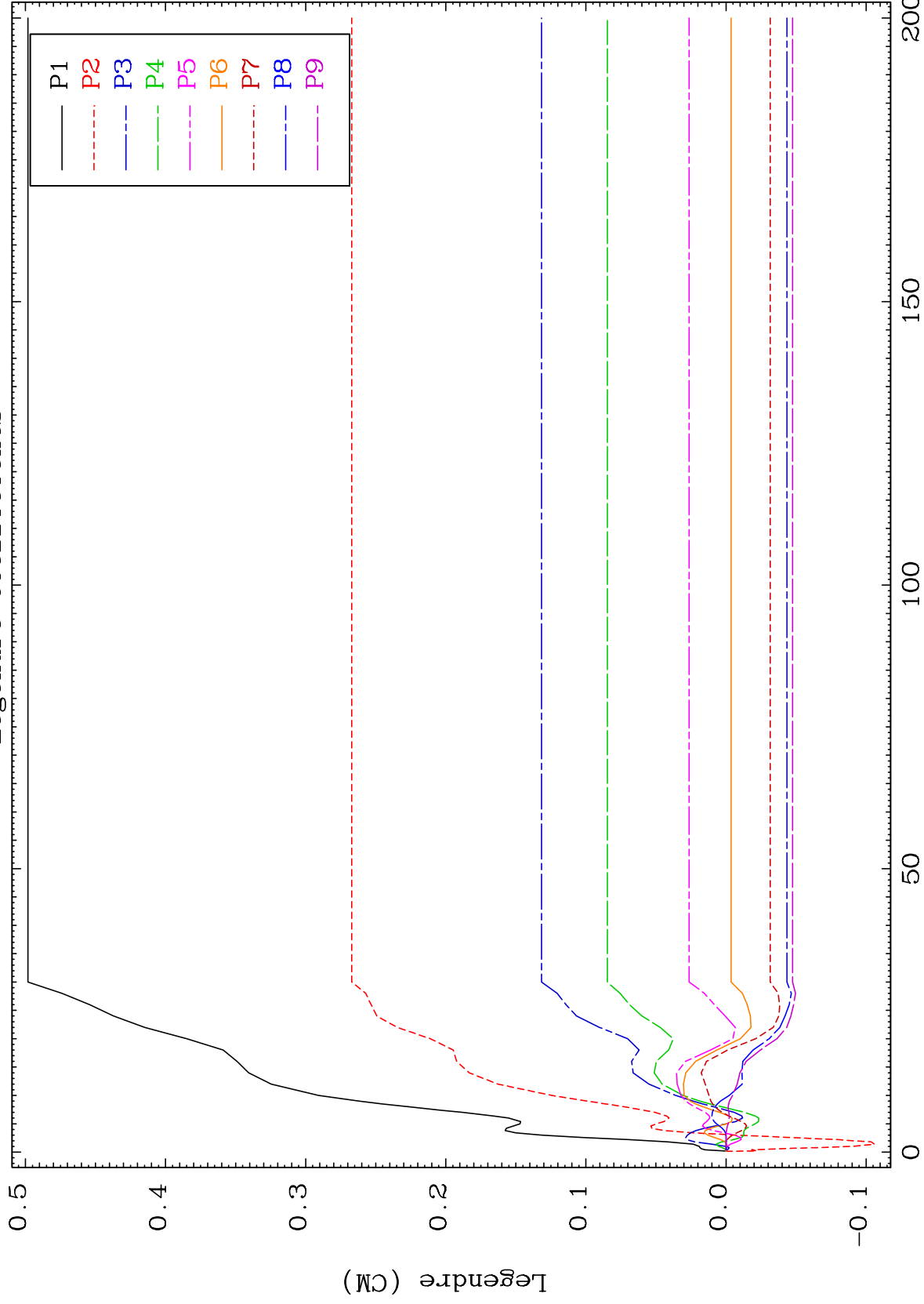




MAT 4337

138.9 keV (n, n') Level
Legendre Coefficients

43-Tc-103



28

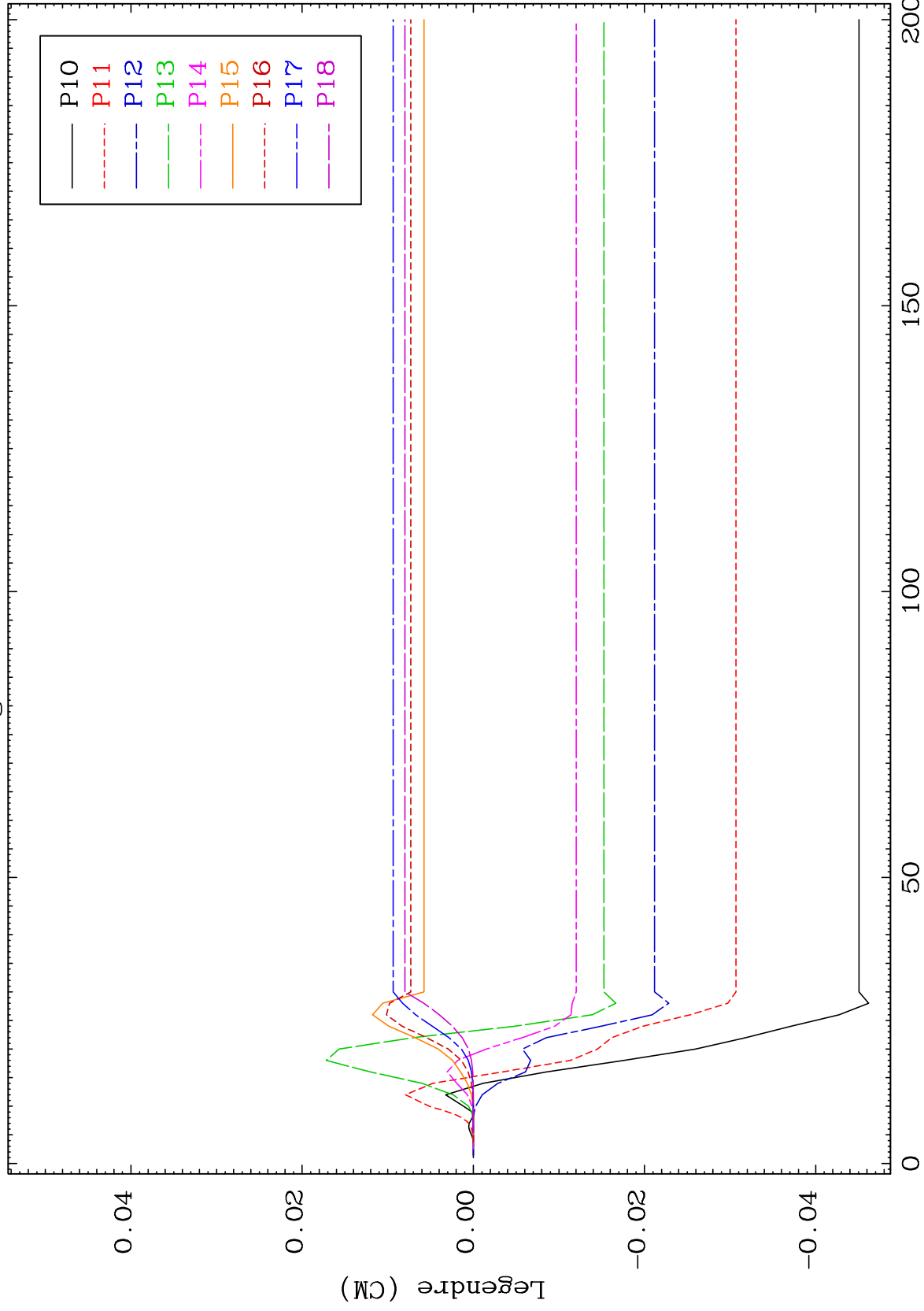
Incident Energy (MeV)

43-Tc-103

MAT 4337

138.9 keV (n,n') Level
Legendre Coefficients

43-Tc-103



29

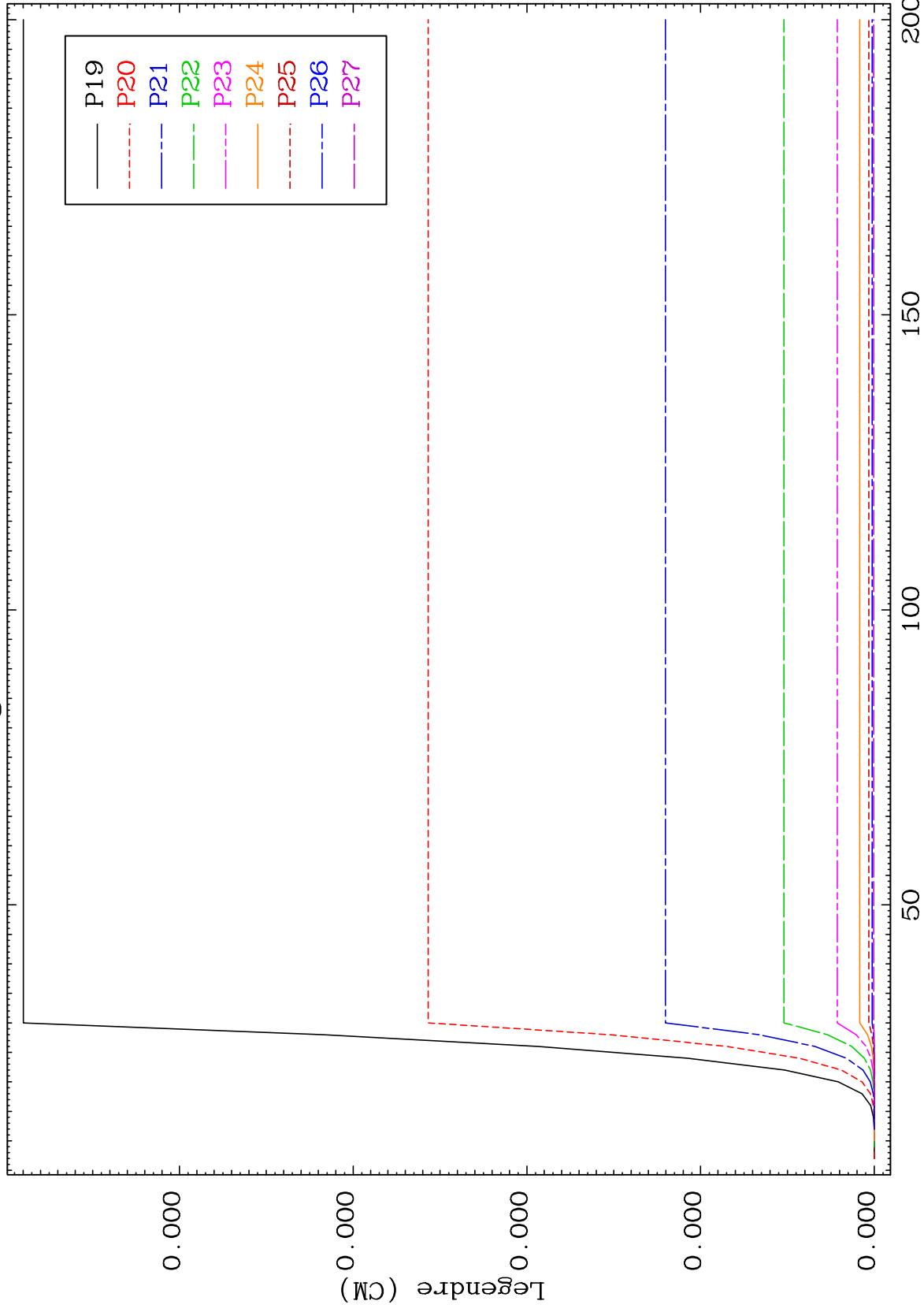
Incident Energy (MeV)

43-Tc-103

MAT 4337

138.9 keV (n,n') Level
Legendre Coefficients

43-Tc-103



30

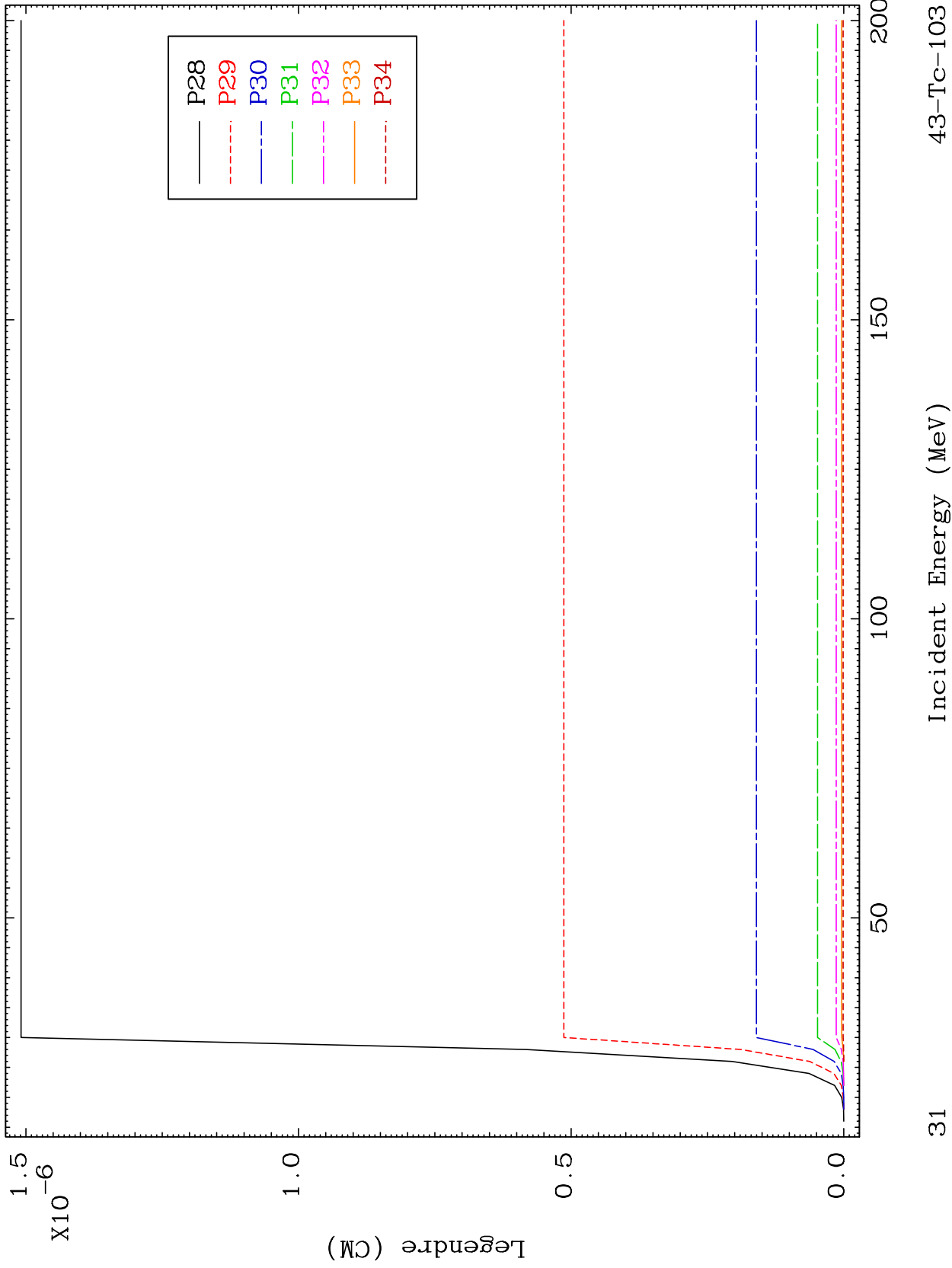
Incident Energy (MeV)

43-Tc-103

MAT 4337

138.9 keV (n,n') Level
Legendre Coefficients

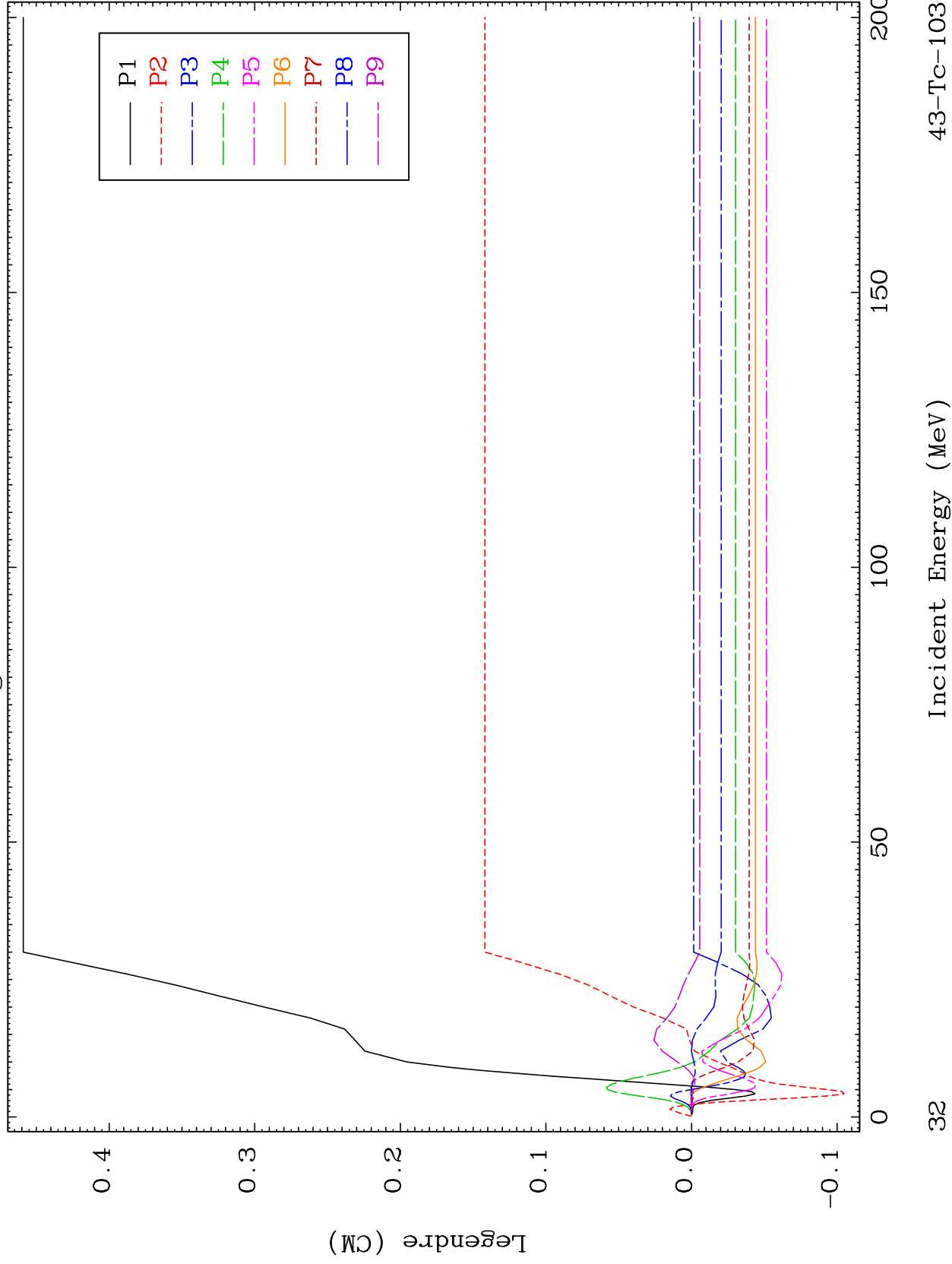
43-Tc-103



MAT 4337

178.3 keV (n,n') Level
Legendre Coefficients

43-Tc-103



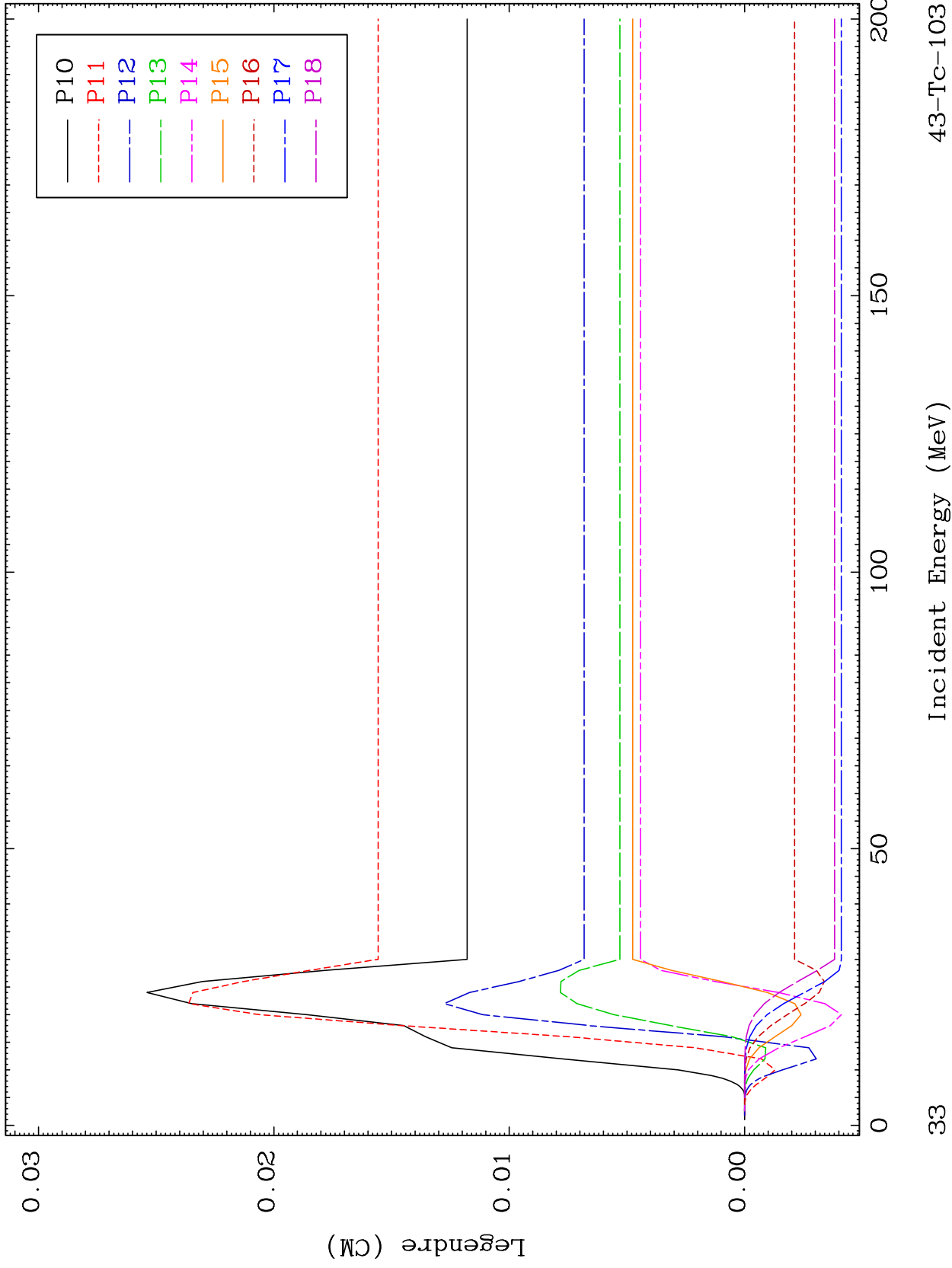
32

43-Tc-103

MAT 4337

178.3 keV (n,n') Level
Legendre Coefficients

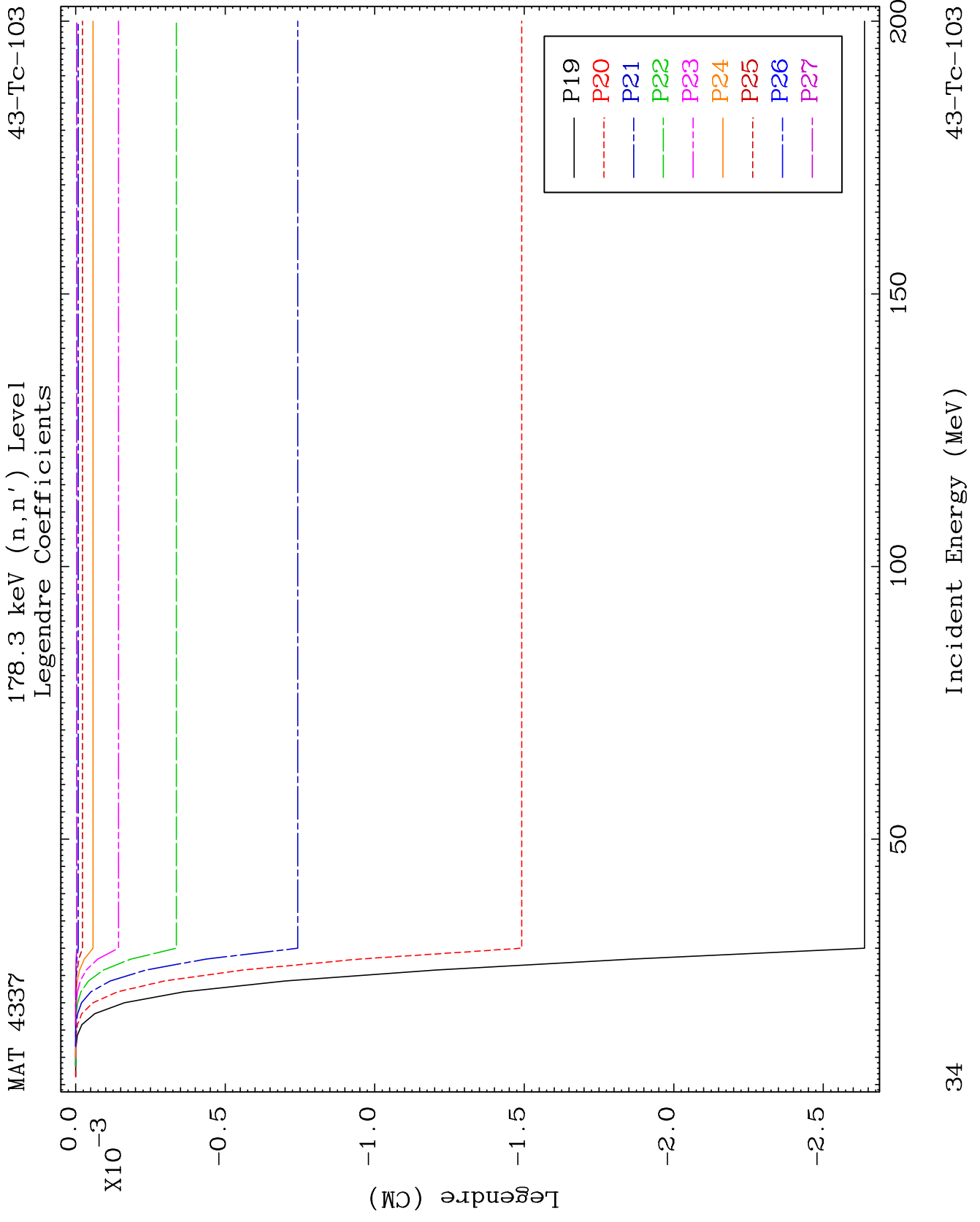
43-Tc-103

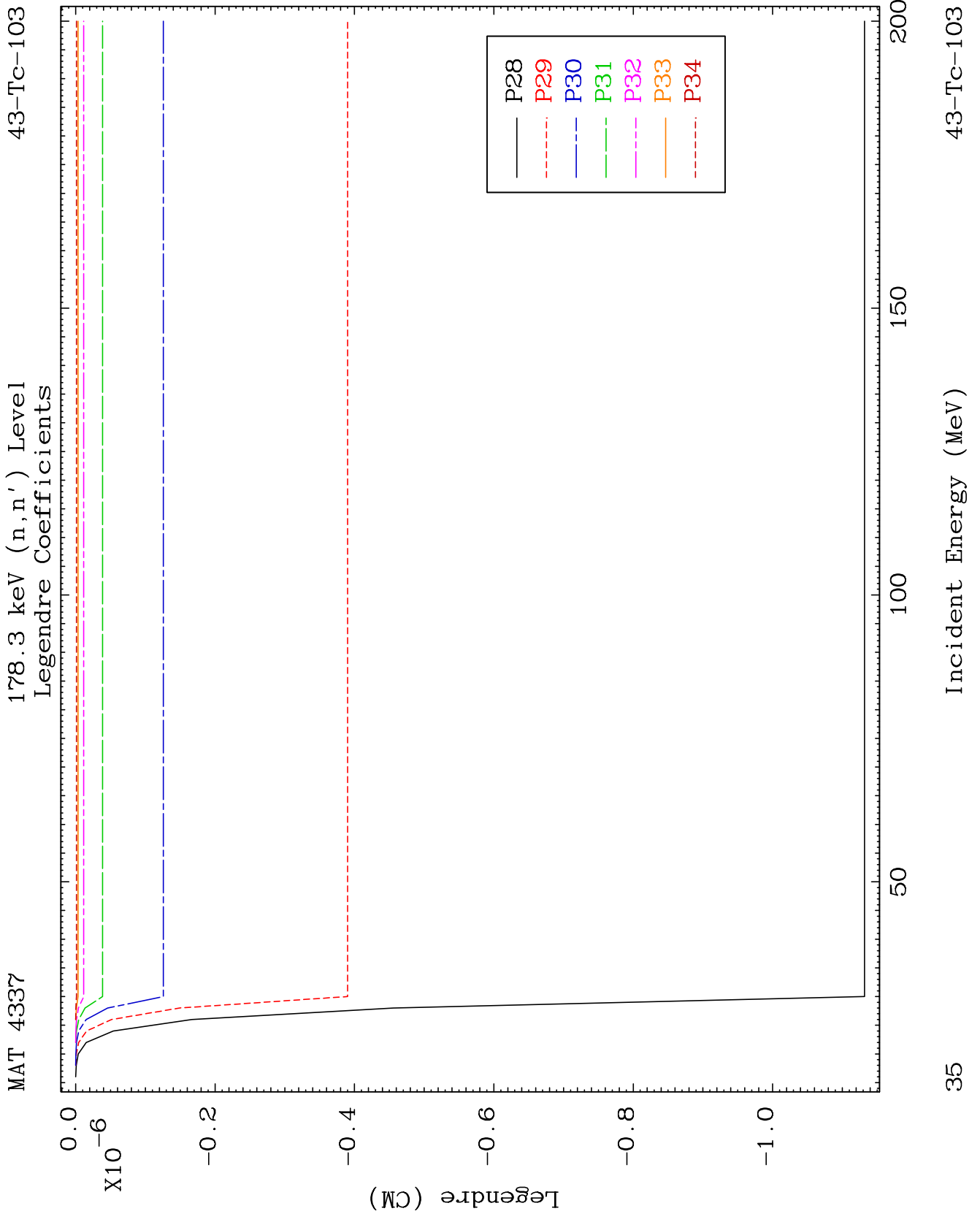


33

Incident Energy (MeV)

43-Tc-103

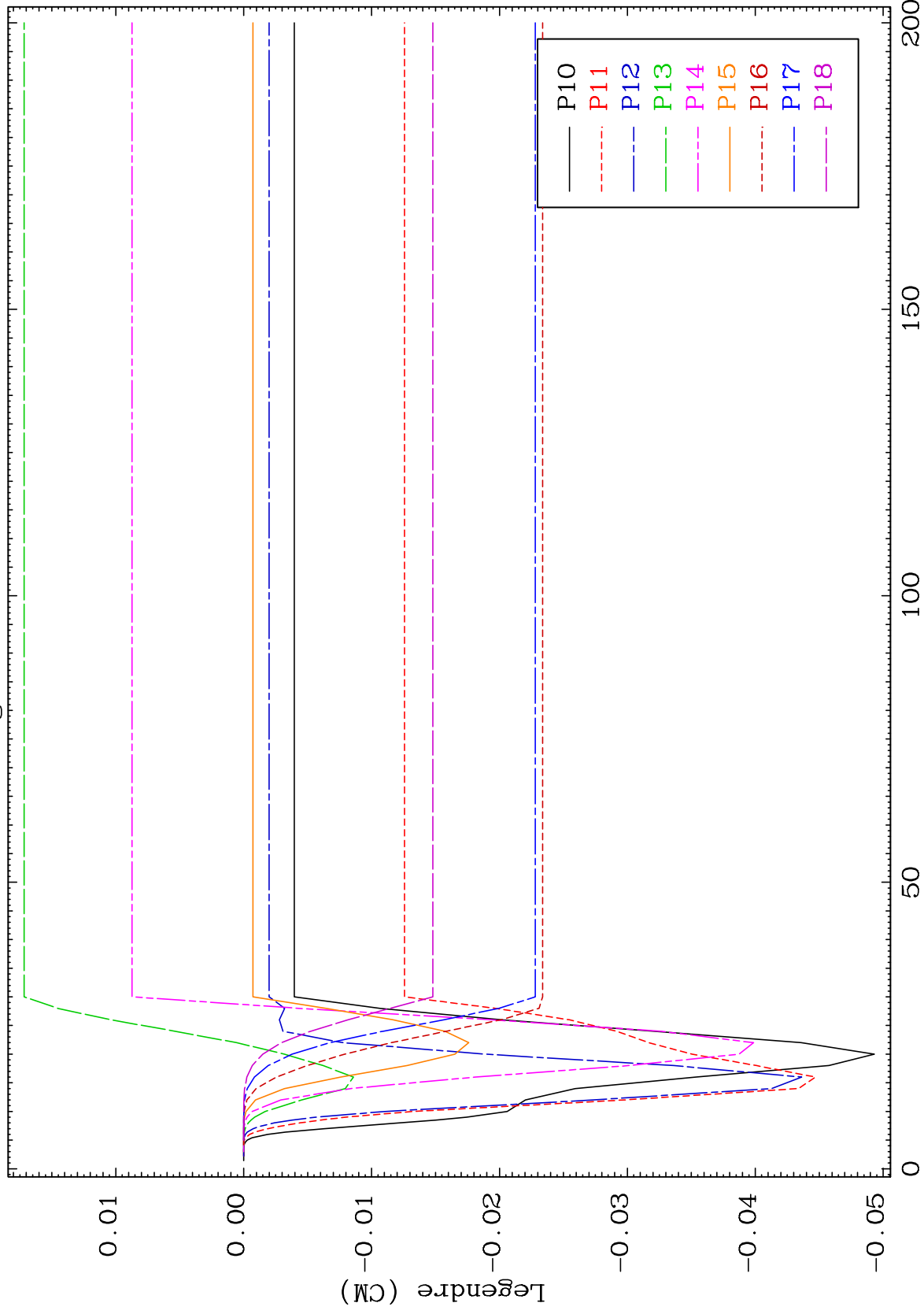




MAT 4337

259.0 keV (n,n') Level
Legendre Coefficients

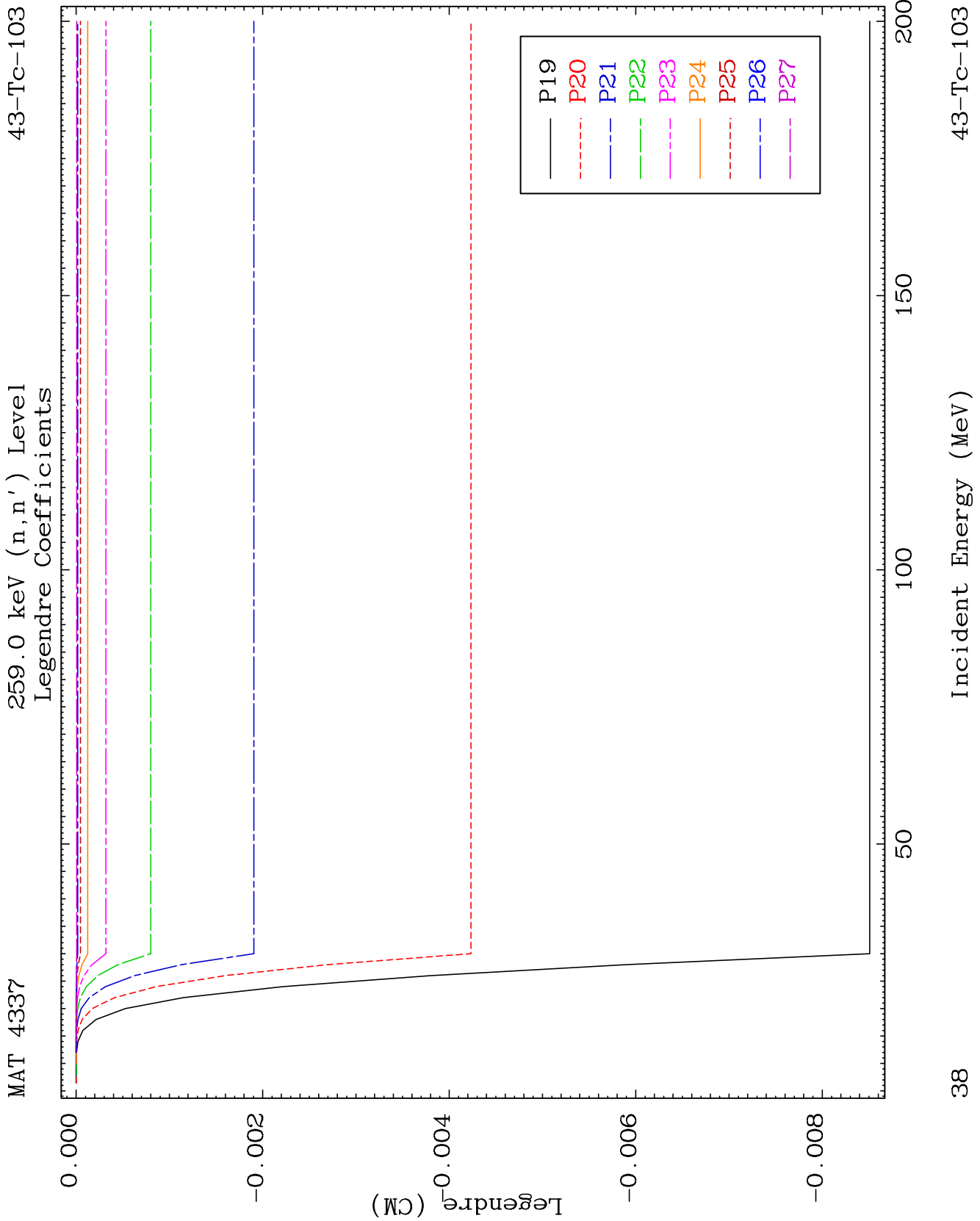
43-Tc-103

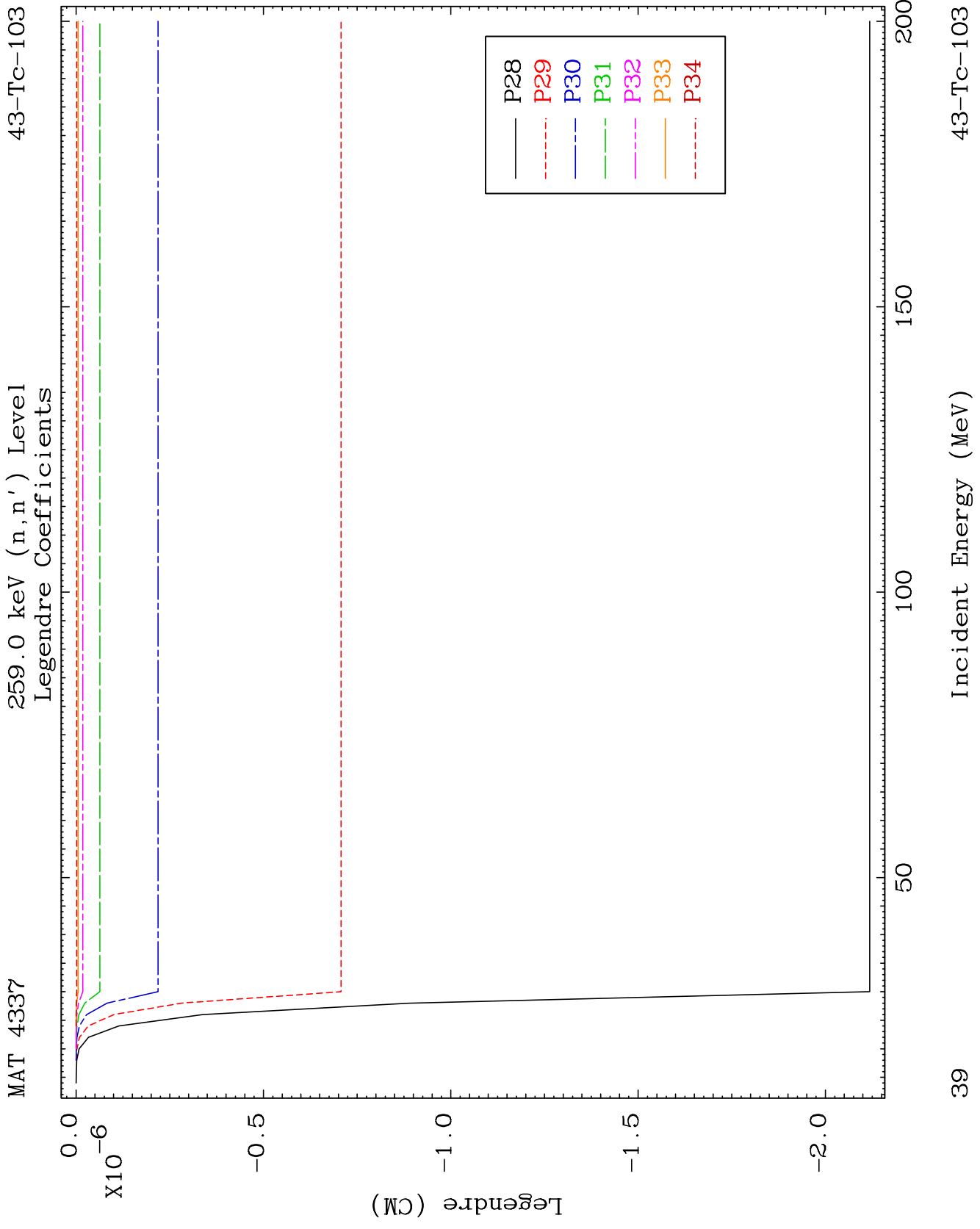


37

Incident Energy (MeV)

43-Tc-103

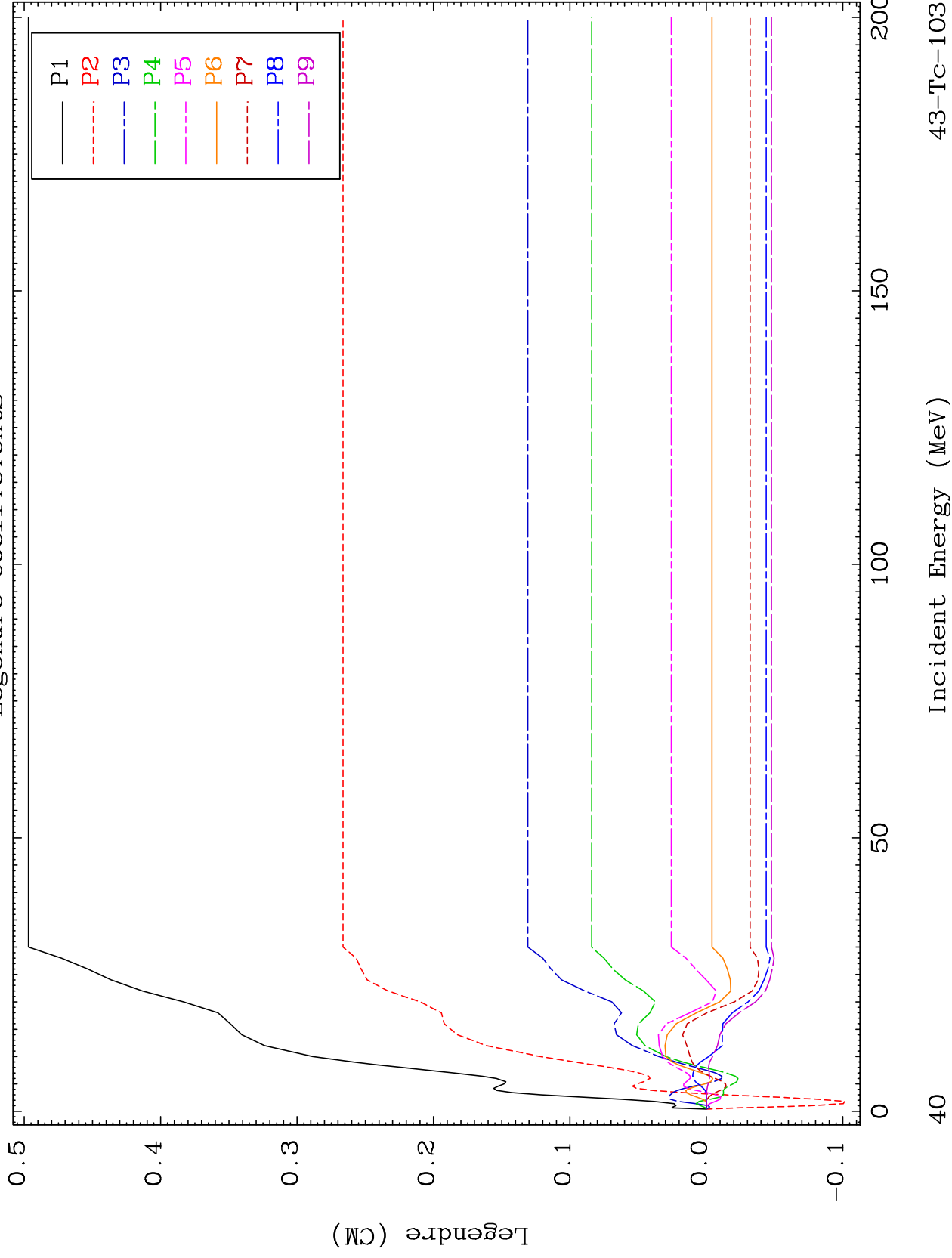




MAT 4337

338.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103

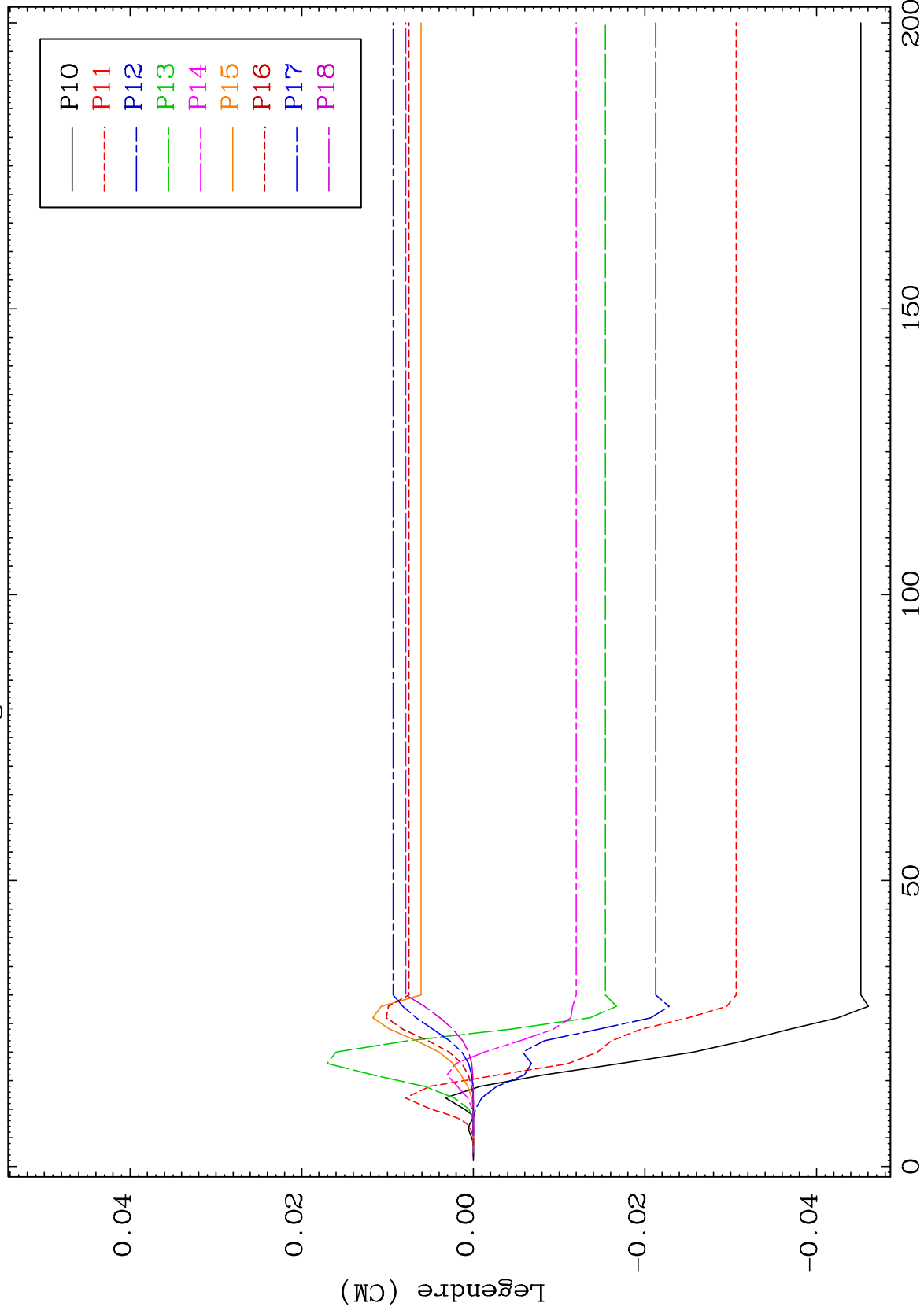


43-Tc-103

MAT 4337

338.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



41

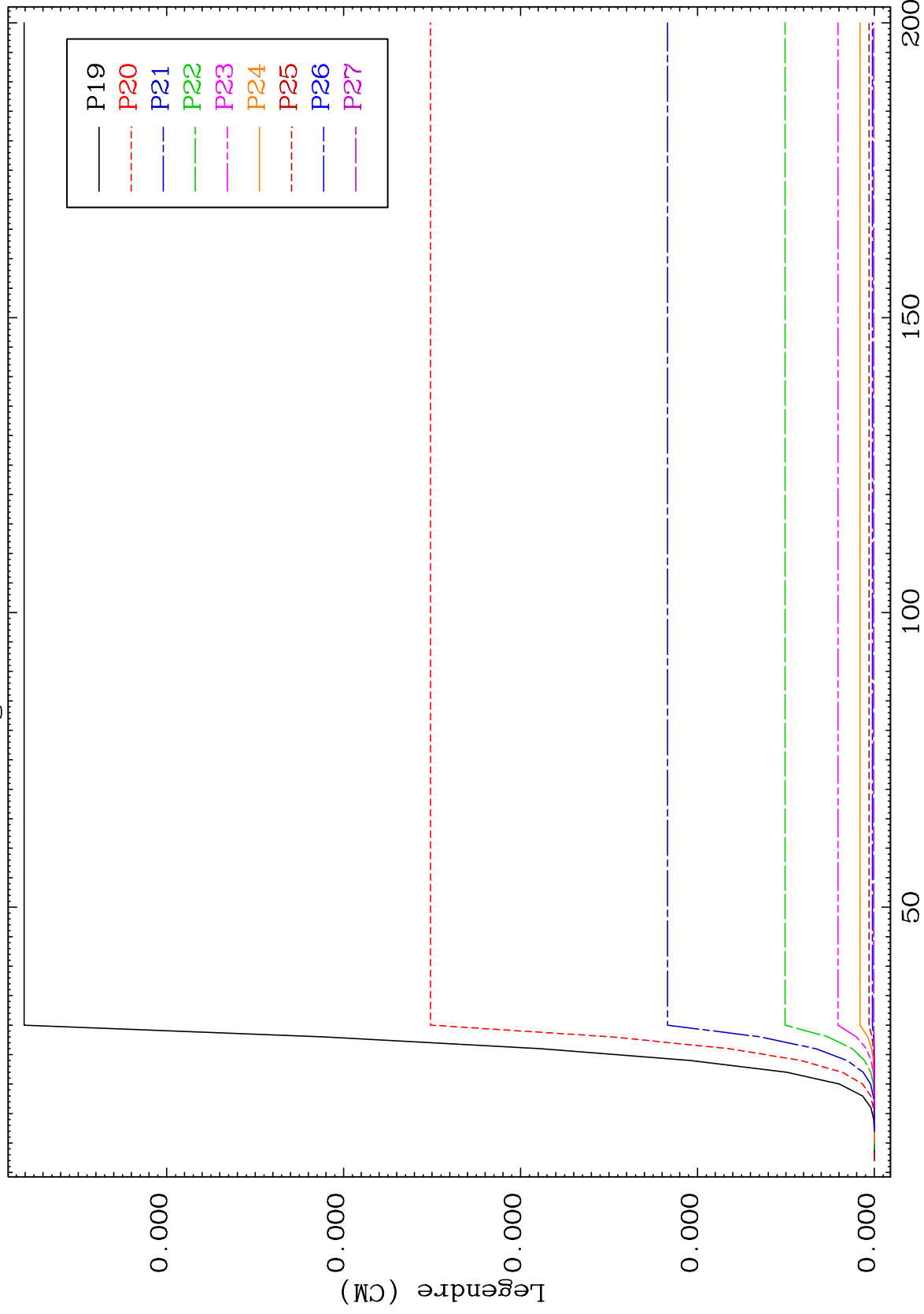
Incident Energy (MeV)

43-Tc-103

MAT 4337

338.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



42

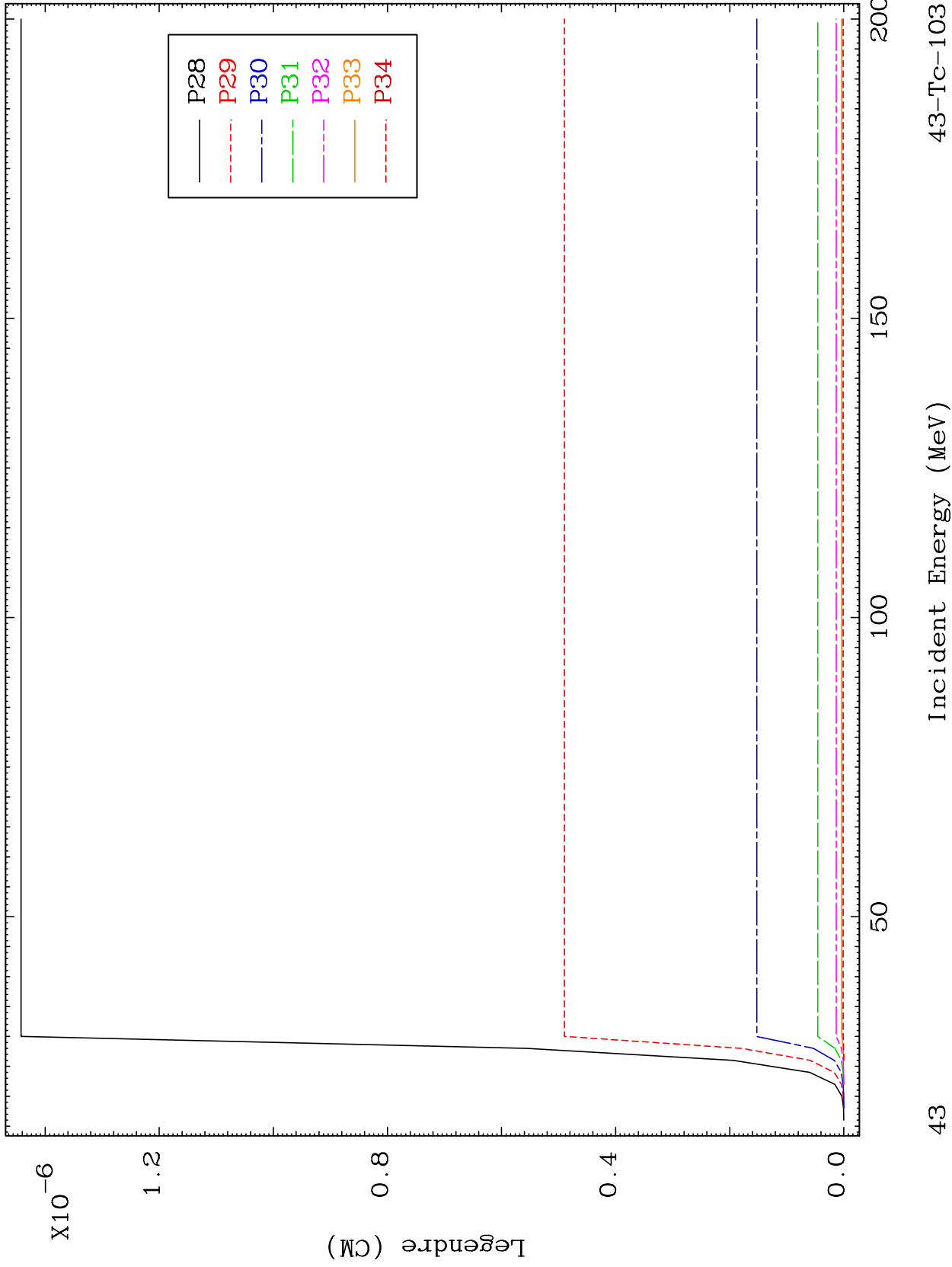
Incident Energy (MeV)

43-Tc-103

MAT 4337

338.0 keV (n,n') Level
Legendre Coefficients

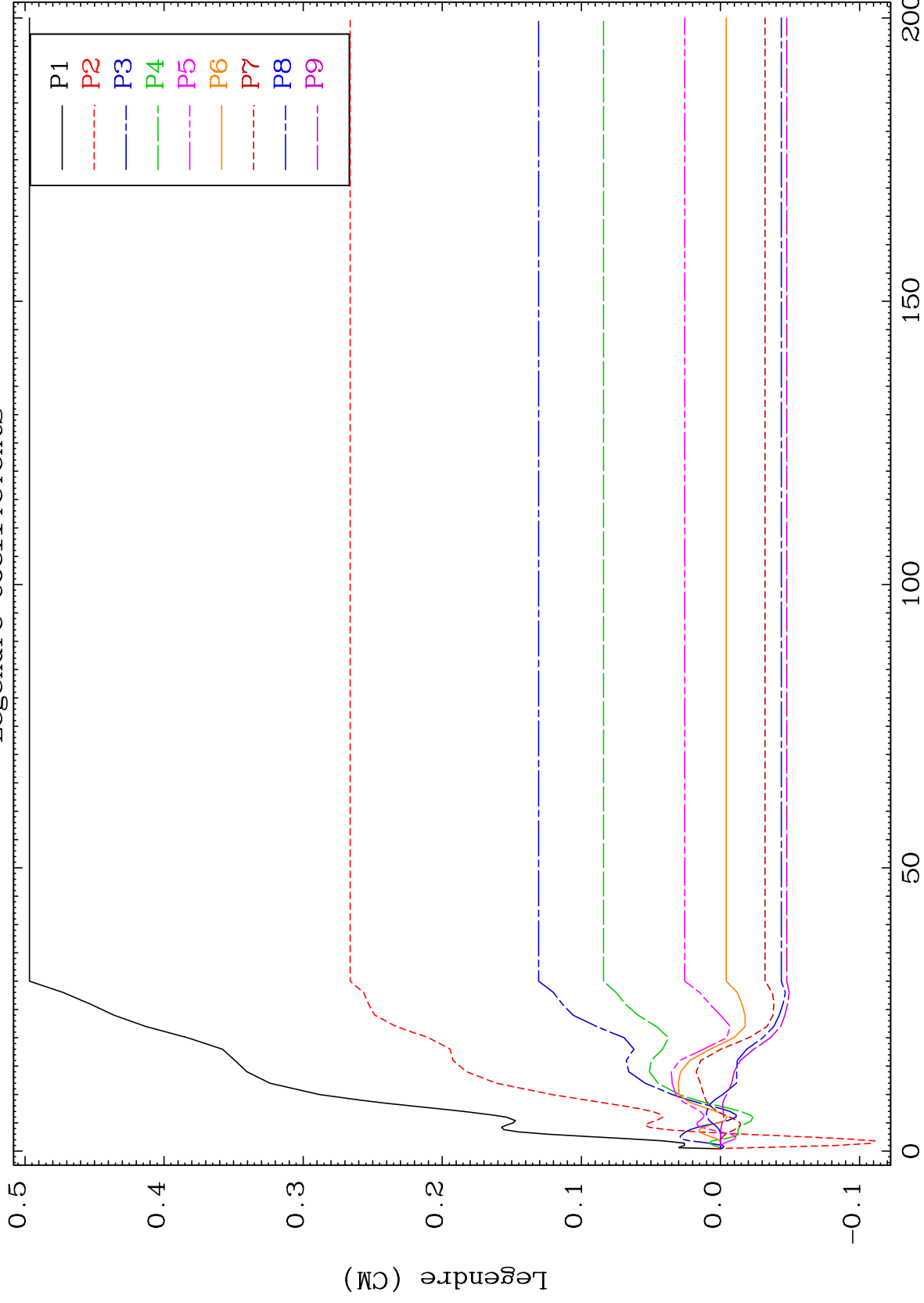
43-Tc-103



MAT 4337

362.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



44

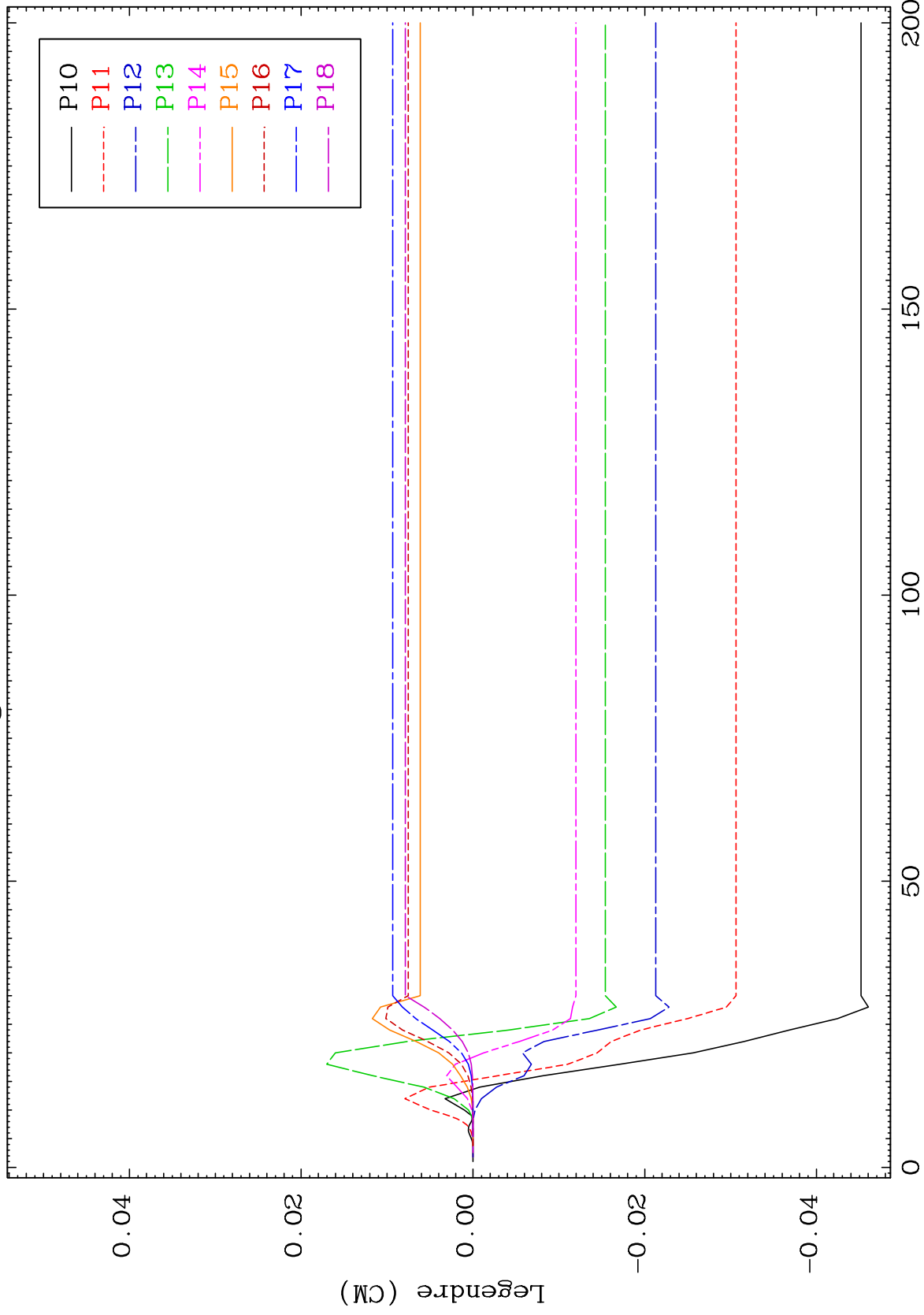
Incident Energy (MeV)

43-Tc-103

MAT 4337

362.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



45

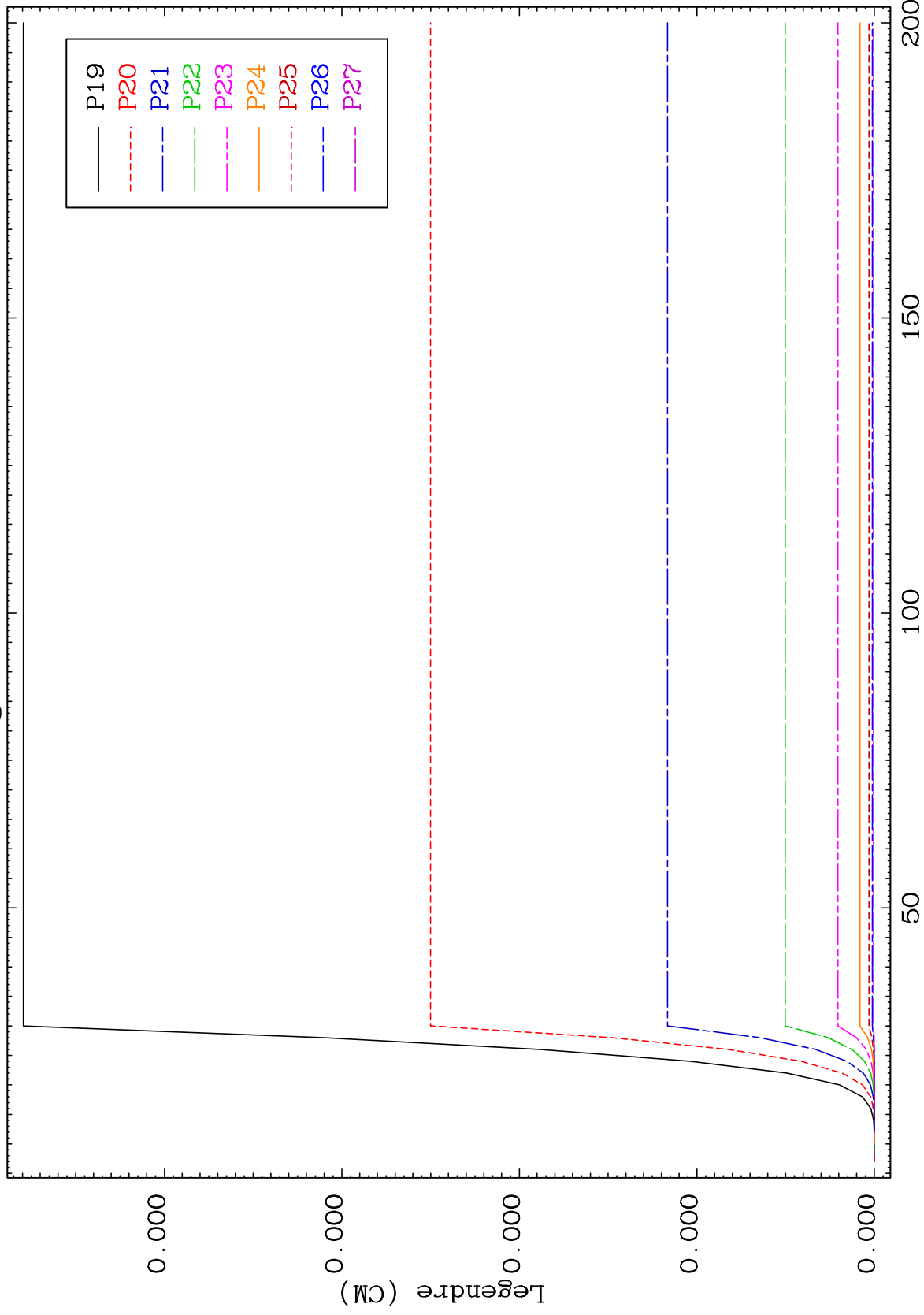
Incident Energy (MeV)

43-Tc-103

MAT 4337

362.0 keV (n, n') Level
Legendre Coefficients

43-Tc-103



46

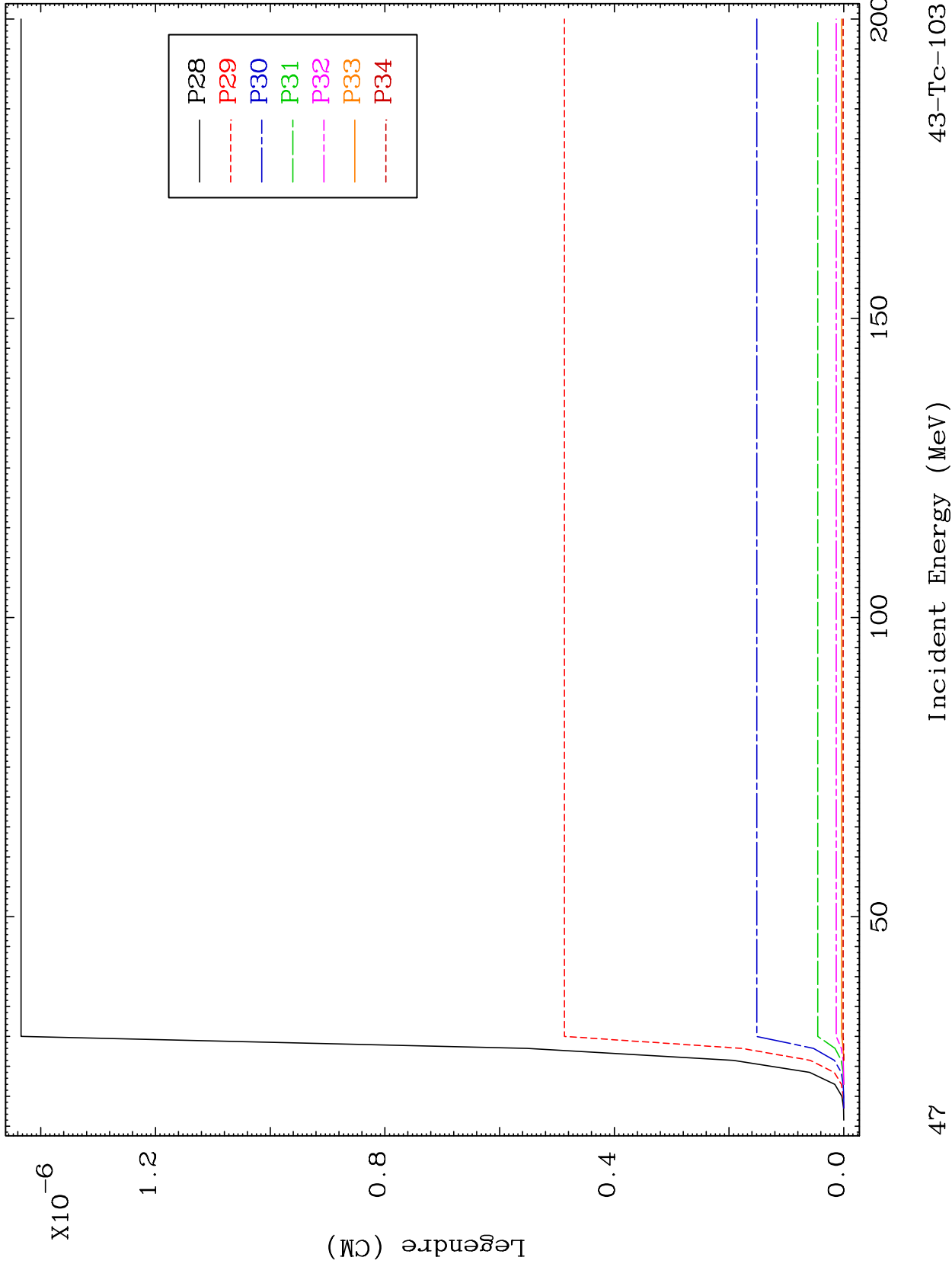
Incident Energy (MeV)

43-Tc-103

MAT 4337

362.0 keV (n,n') Level
Legendre Coefficients

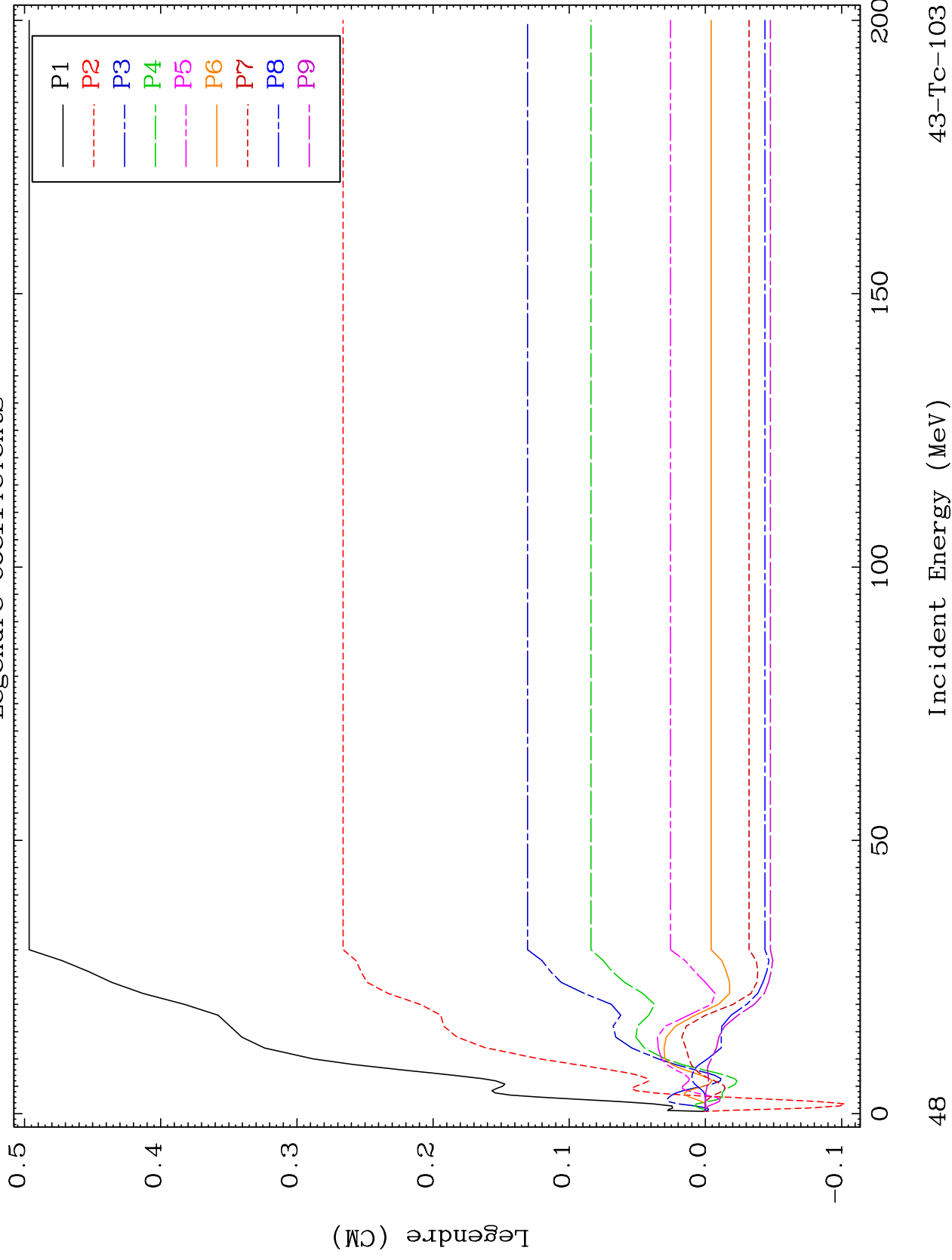
43-Tc-103



MAT 4337

383.2 keV (n,n') Level
Legendre Coefficients

43-Tc-103



43-Tc-103

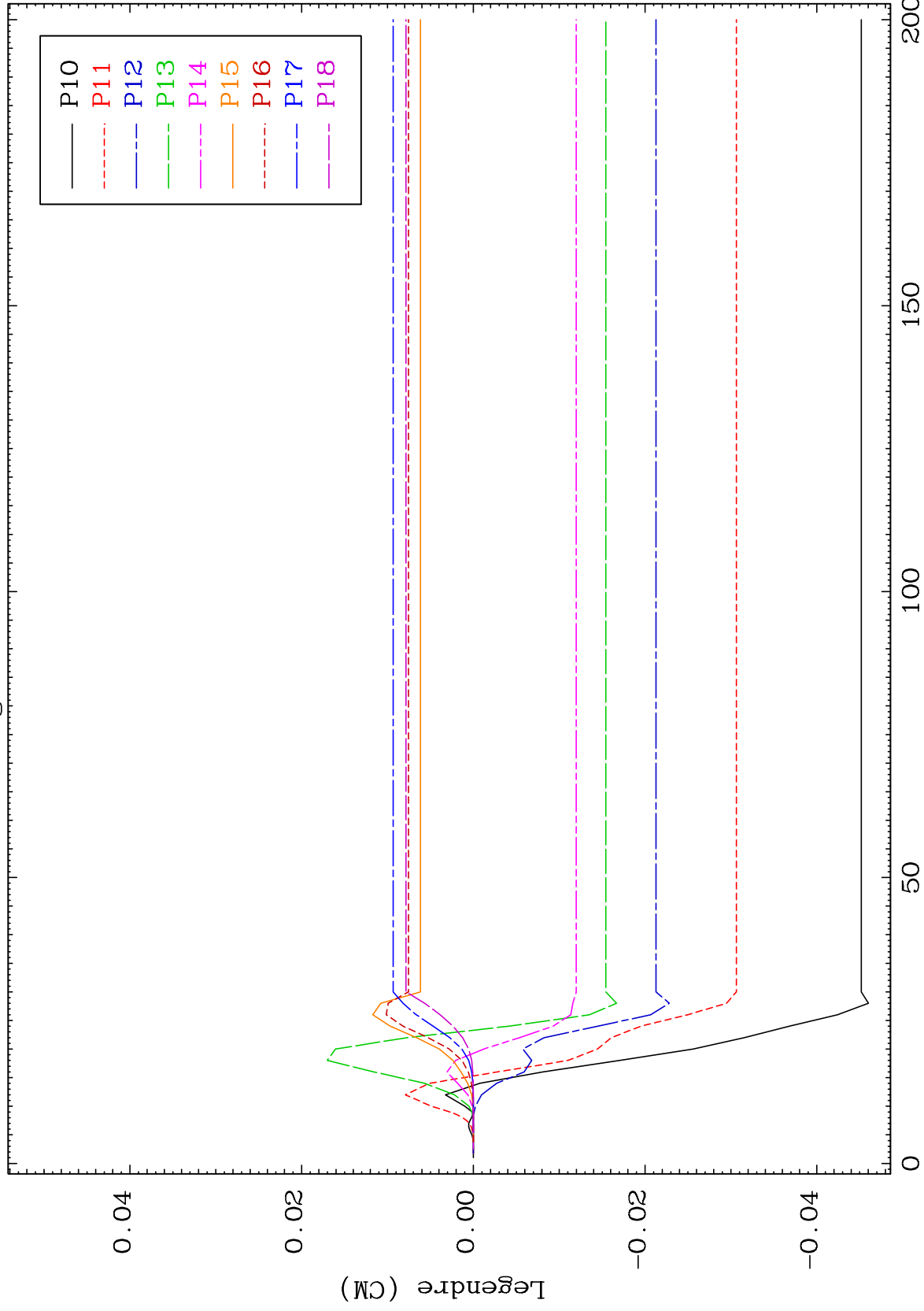
Incident Energy (MeV)

48

MAT 4337

383.2 keV (n,n') Level
Legendre Coefficients

43-Tc-103



49

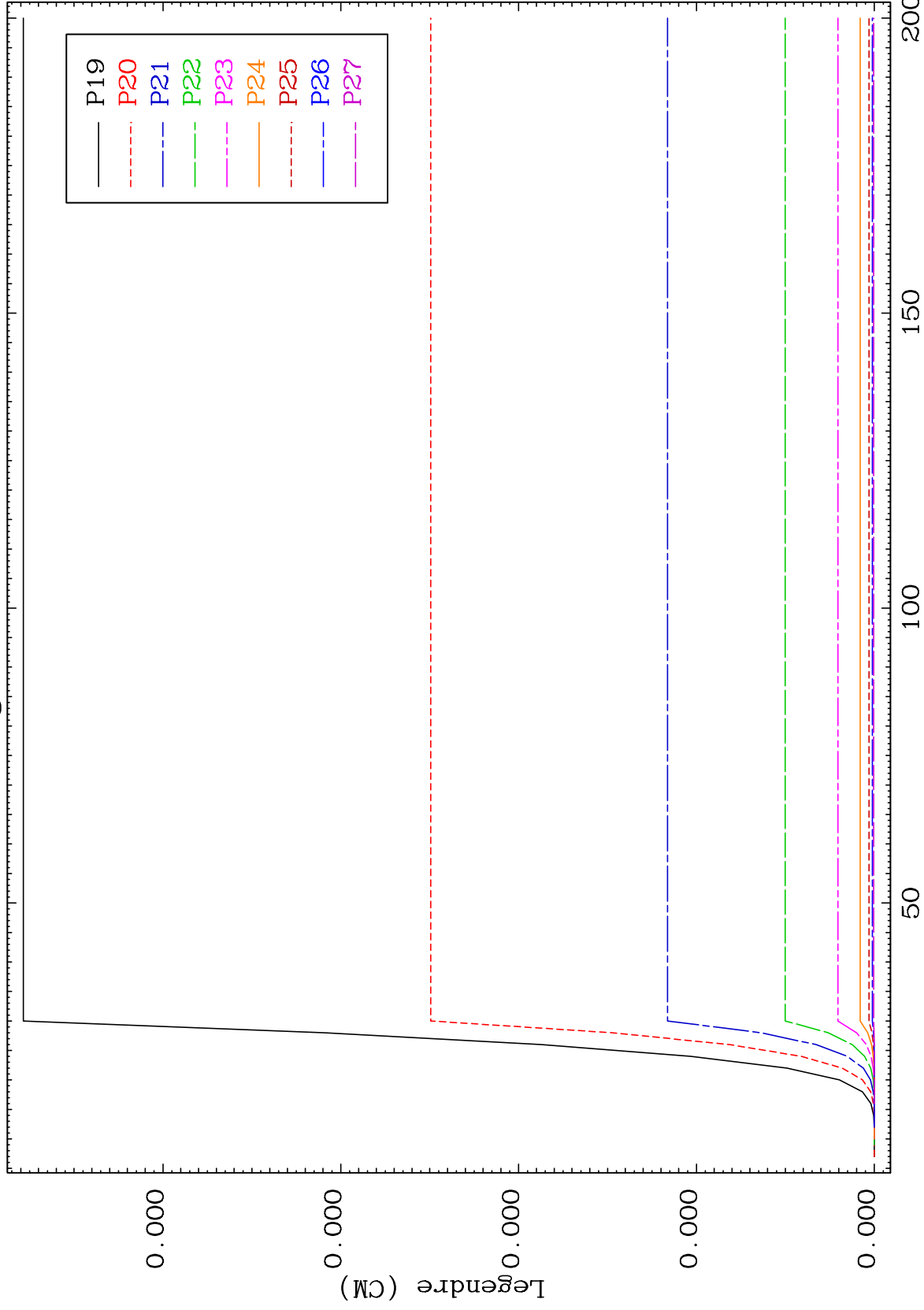
Incident Energy (MeV)

43-Tc-103

MAT 4337

383.2 keV (n, n') Level
Legendre Coefficients

43-Tc-103



50

Incident Energy (MeV)

50

100

150

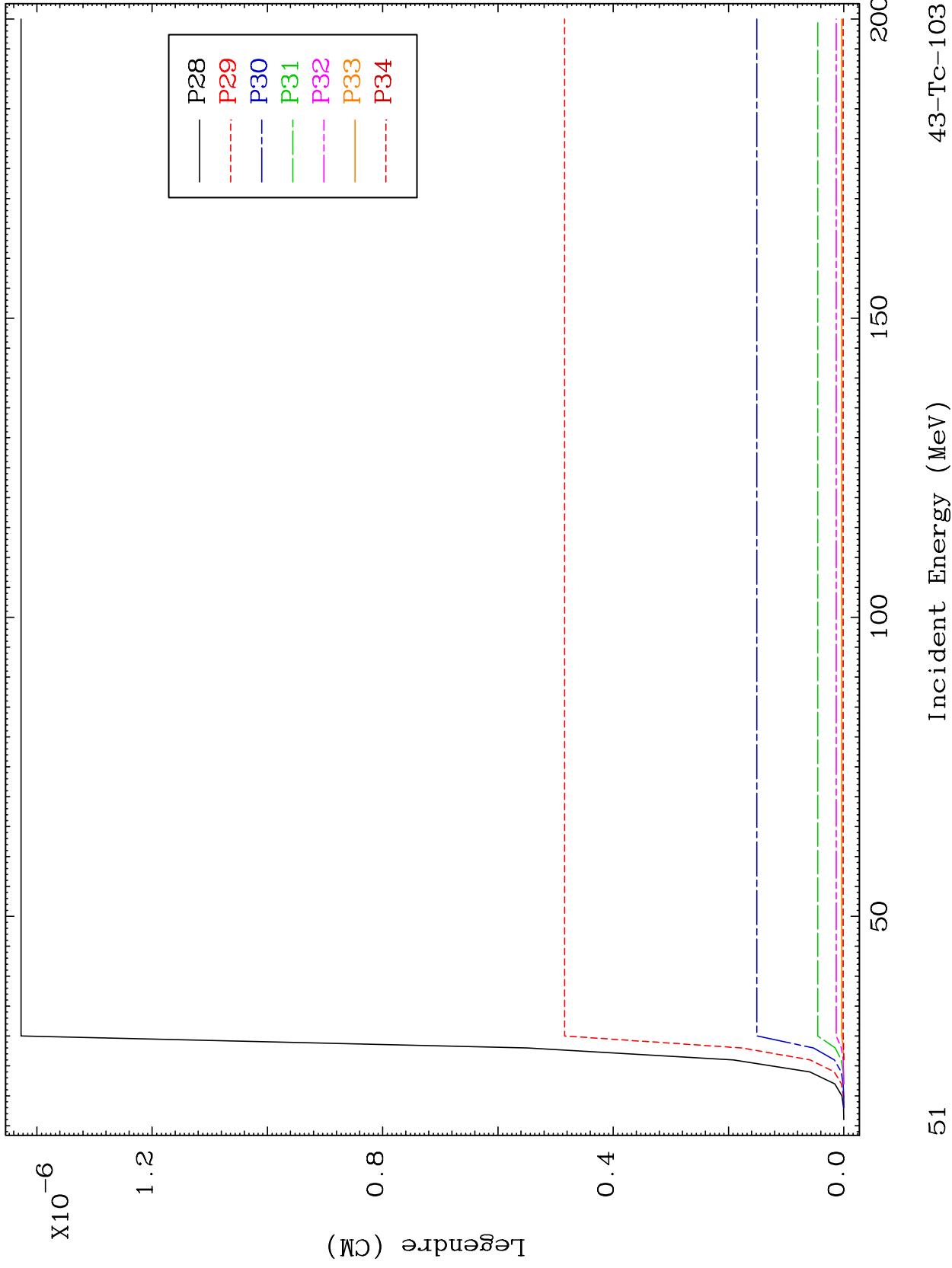
200

43-Tc-103

MAT 4337

383.2 keV (n, n') Level
Legendre Coefficients

43-Tc-103



51

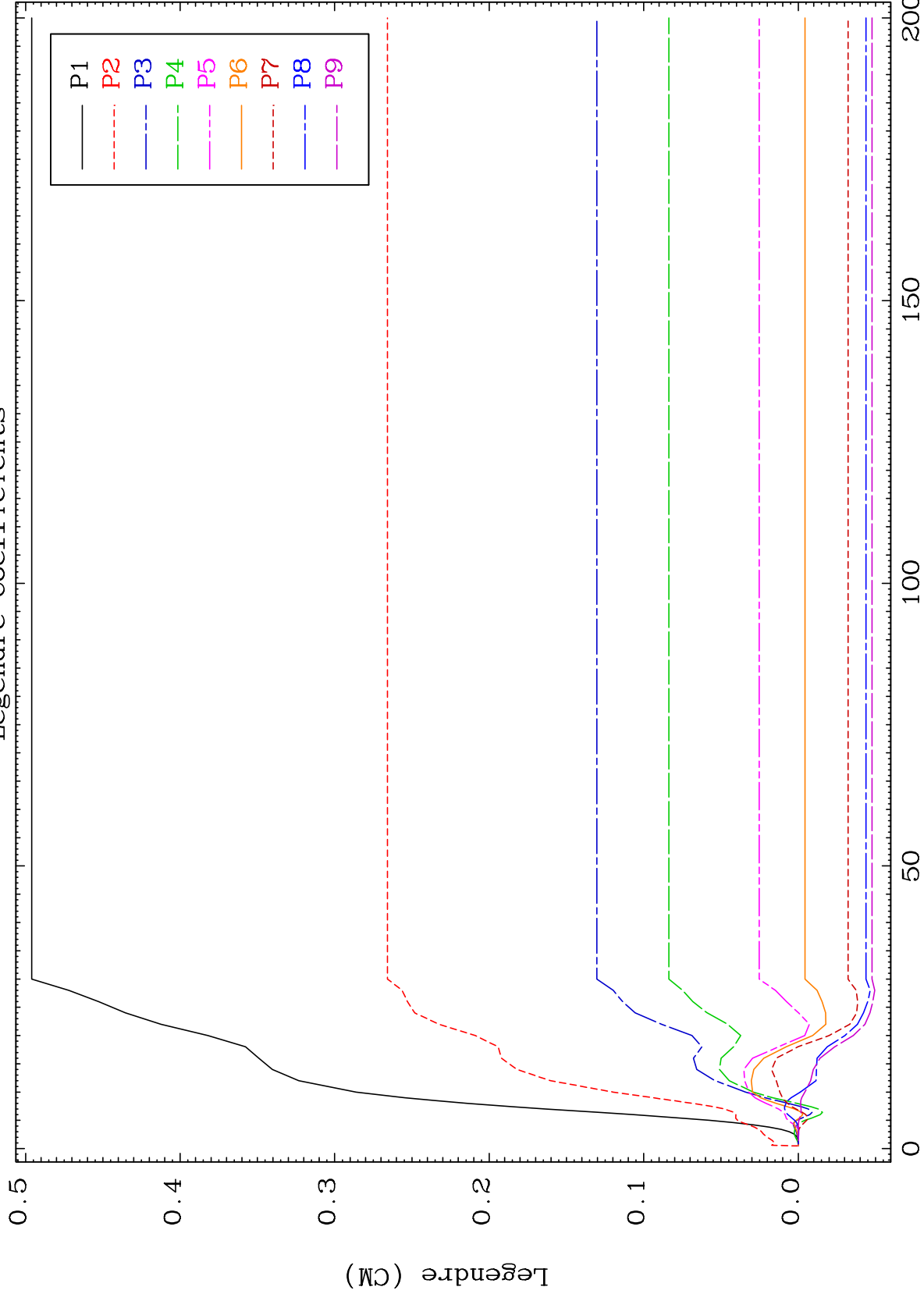
Incident Energy (MeV)

43-Tc-103

MAT 4337

469.8 keV (n,n') Level
Legendre Coefficients

43-Tc-103



52

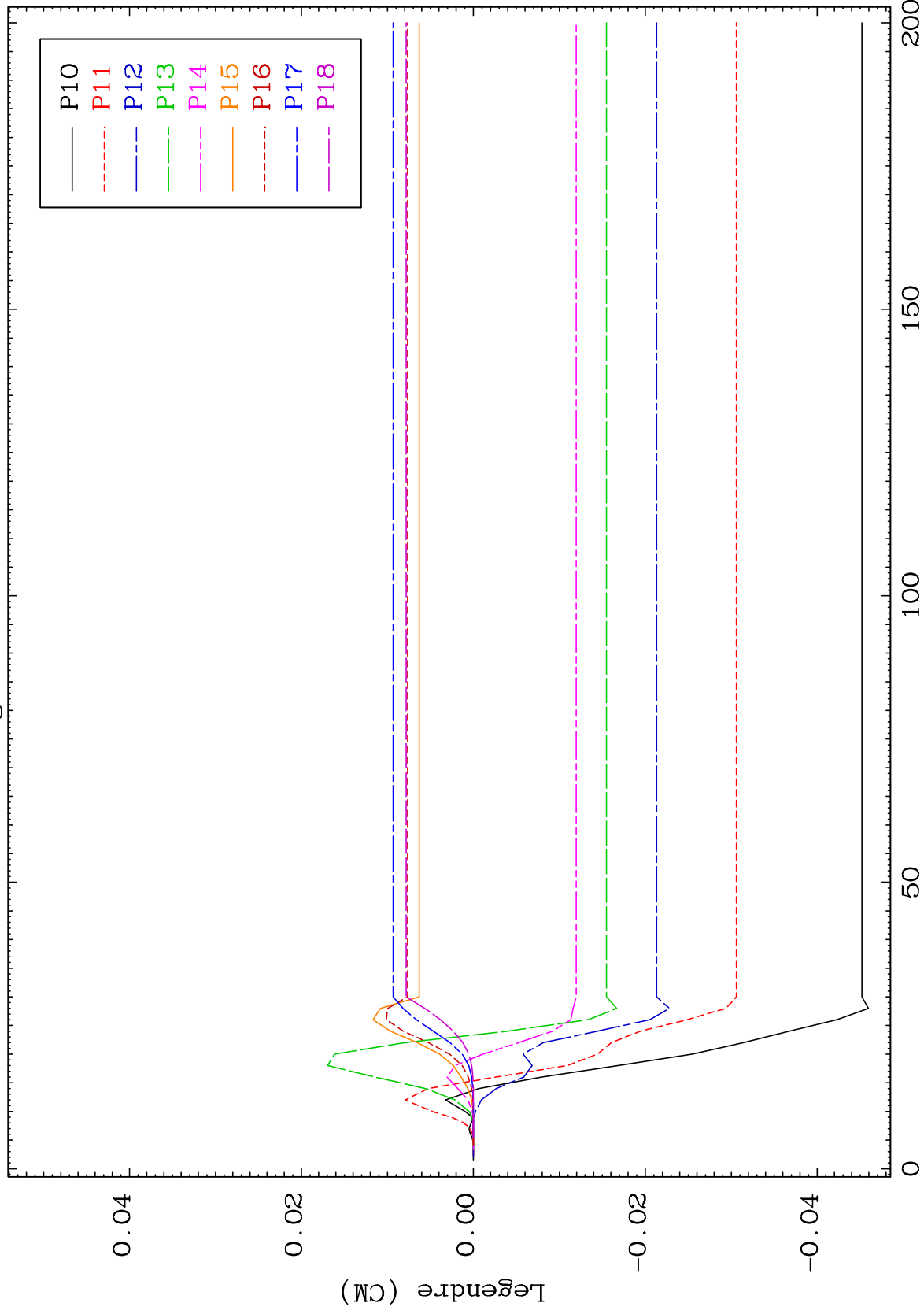
Incident Energy (MeV)

43-Tc-103

MAT 4337

469.8 keV (n,n') Level
Legendre Coefficients

43-Tc-103



53

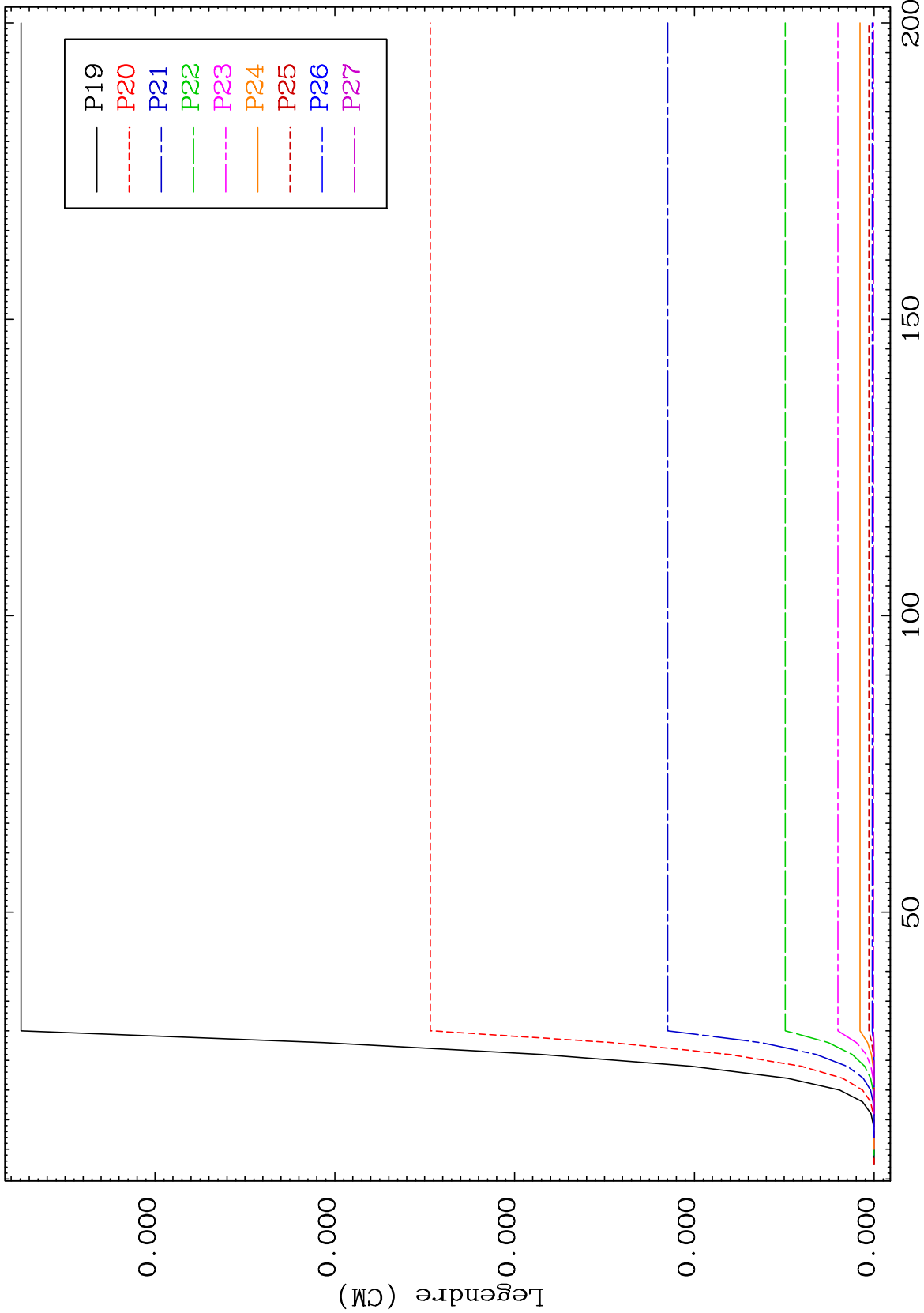
Incident Energy (MeV)

43-Tc-103

MAT 4337

469.8 keV (n, n') Level
Legendre Coefficients

43-Tc-103



54

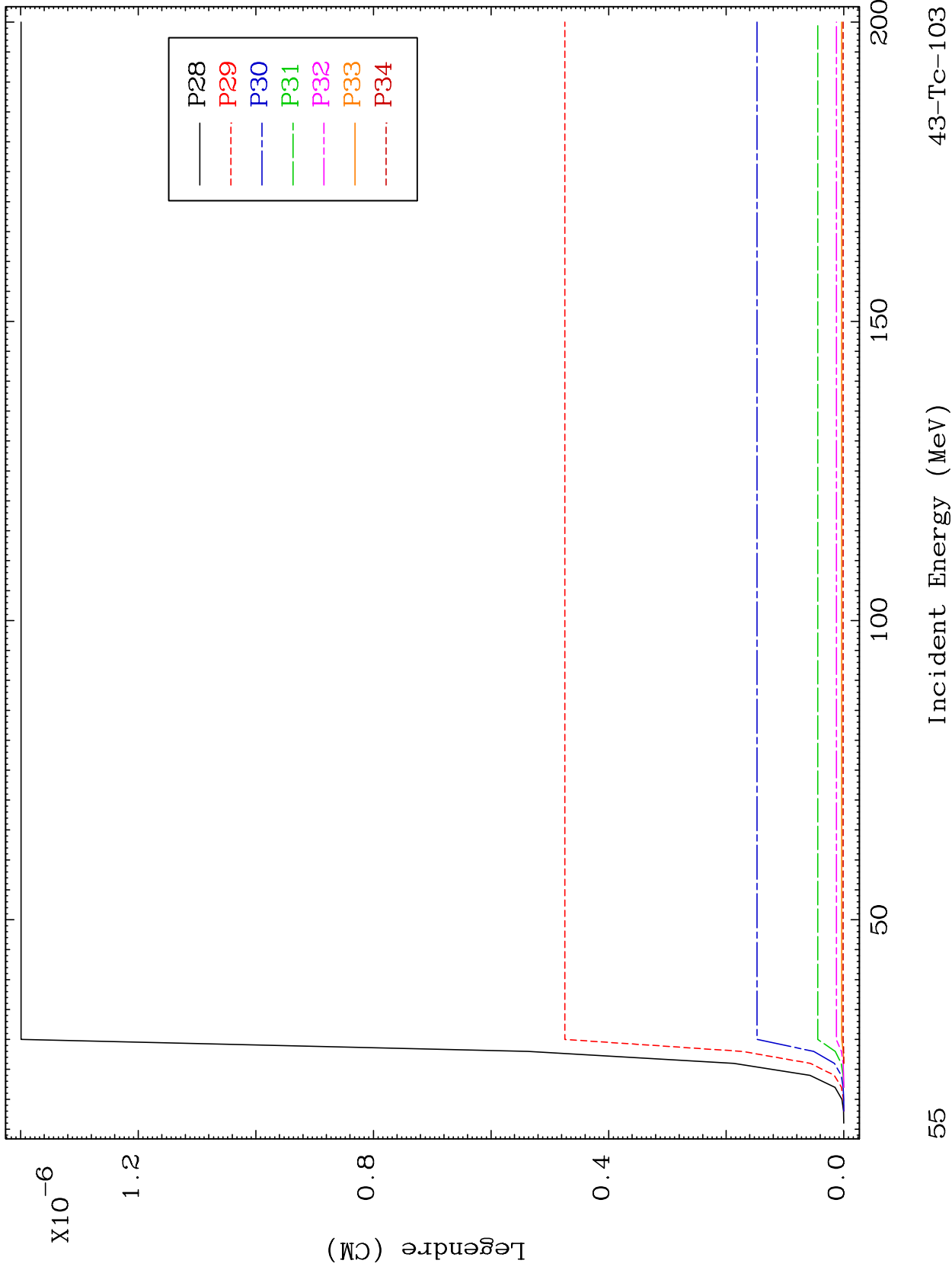
Incident Energy (MeV)

43-Tc-103

MAT 4337

469.8 keV (n, n') Level
Legendre Coefficients

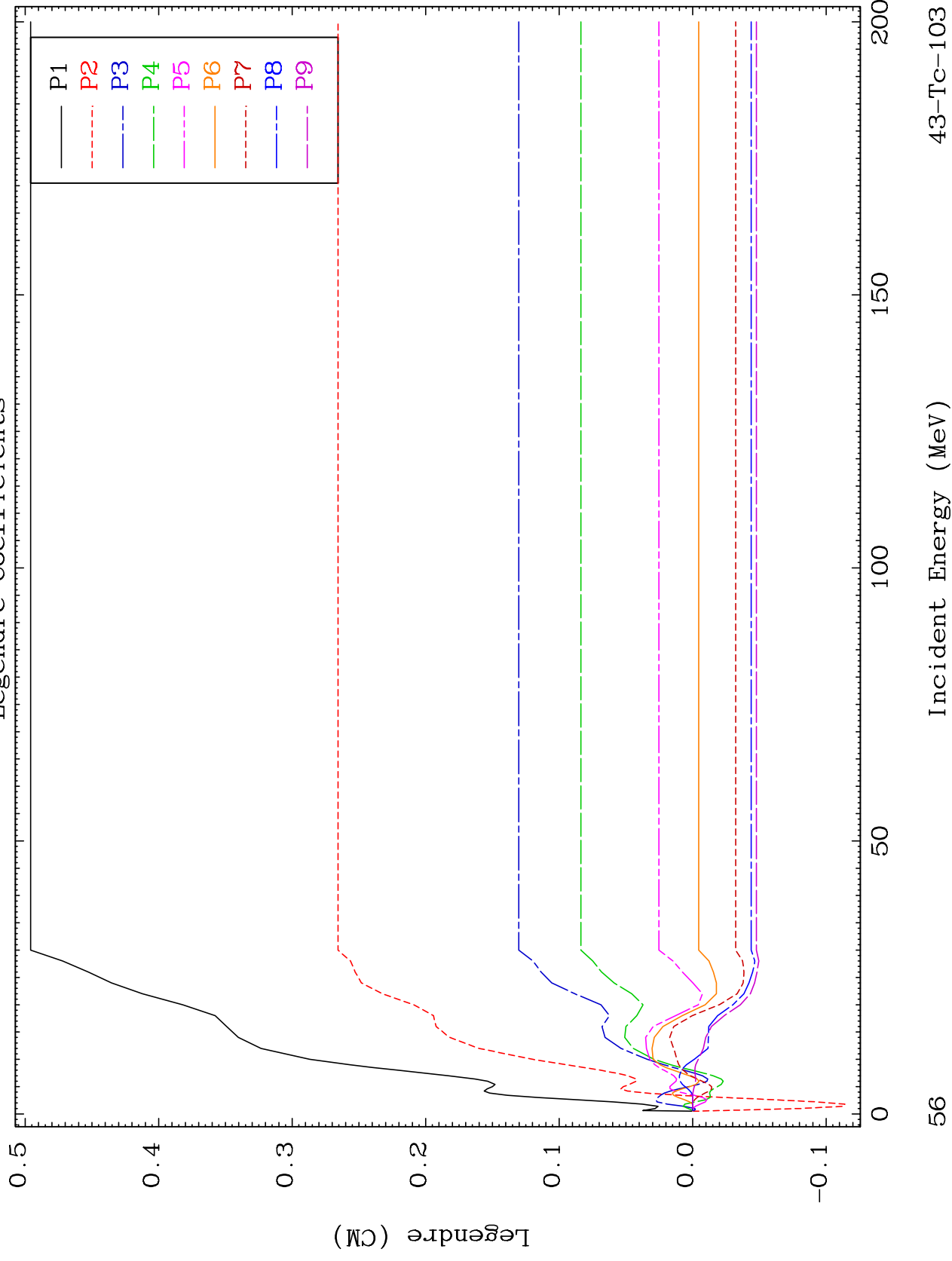
43-Tc-103



MAT 4337

487.1 keV (n, n') Level
Legendre Coefficients

43-Tc-103



43-Tc-103

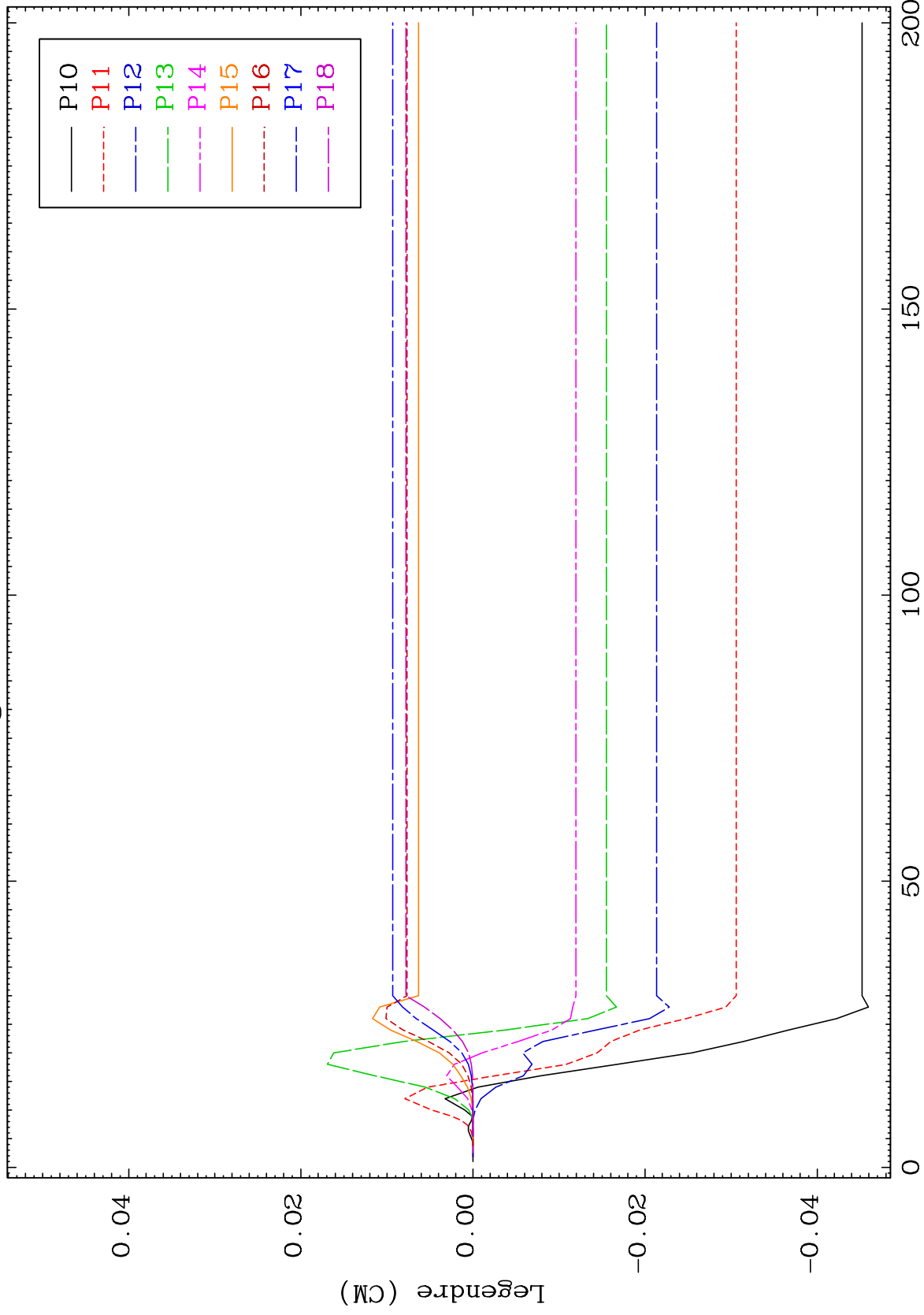
Incident Energy (MeV)

56

MAT 4337

487.1 keV (n,n') Level
Legendre Coefficients

43-Tc-103



57

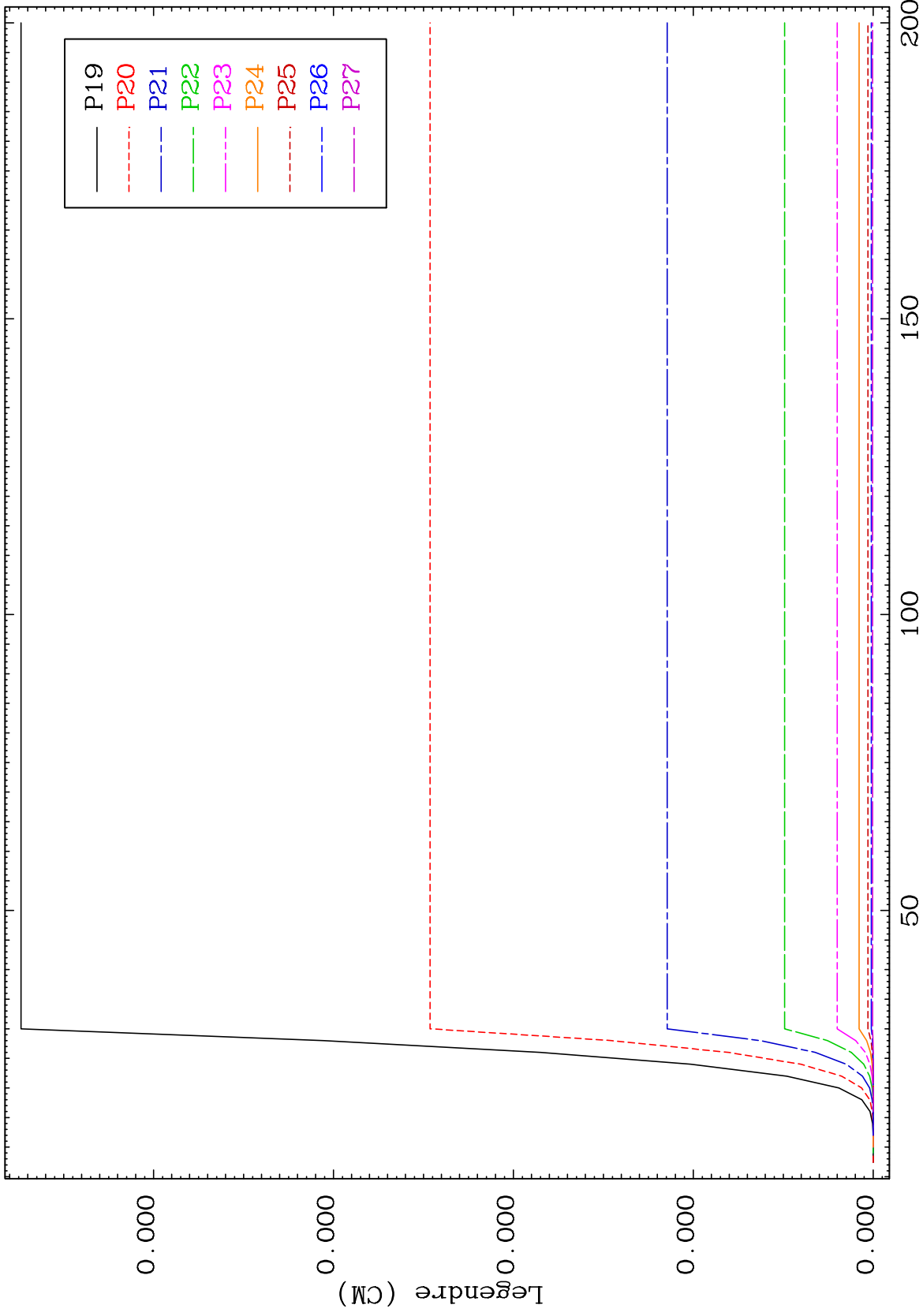
Incident Energy (MeV)

43-Tc-103

MAT 4337

487.1 keV (n, n') Level
Legendre Coefficients

43-Tc-103



58

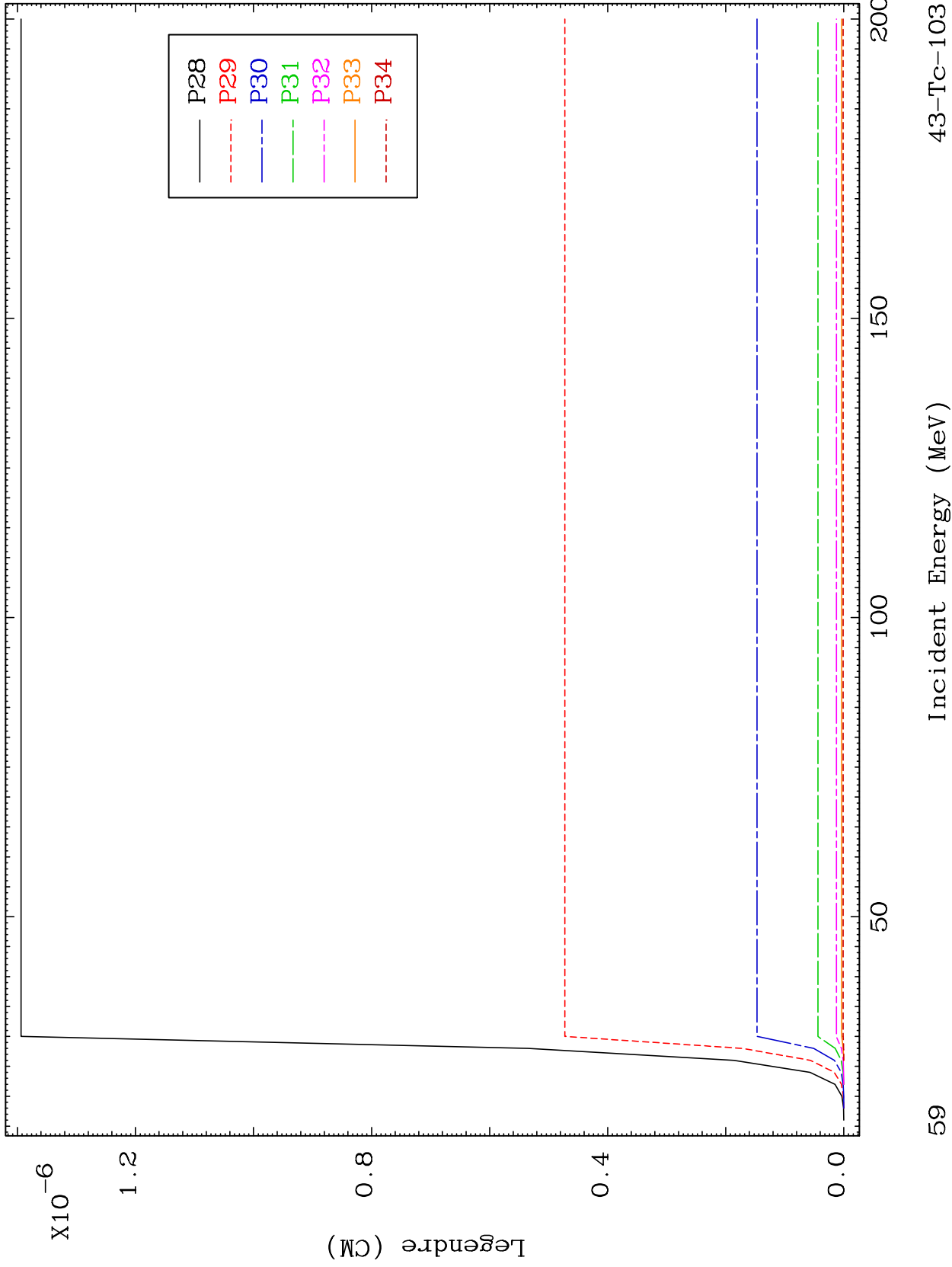
Incident Energy (MeV)

43-Tc-103

MAT 4337

487.1 keV (n,n') Level
Legendre Coefficients

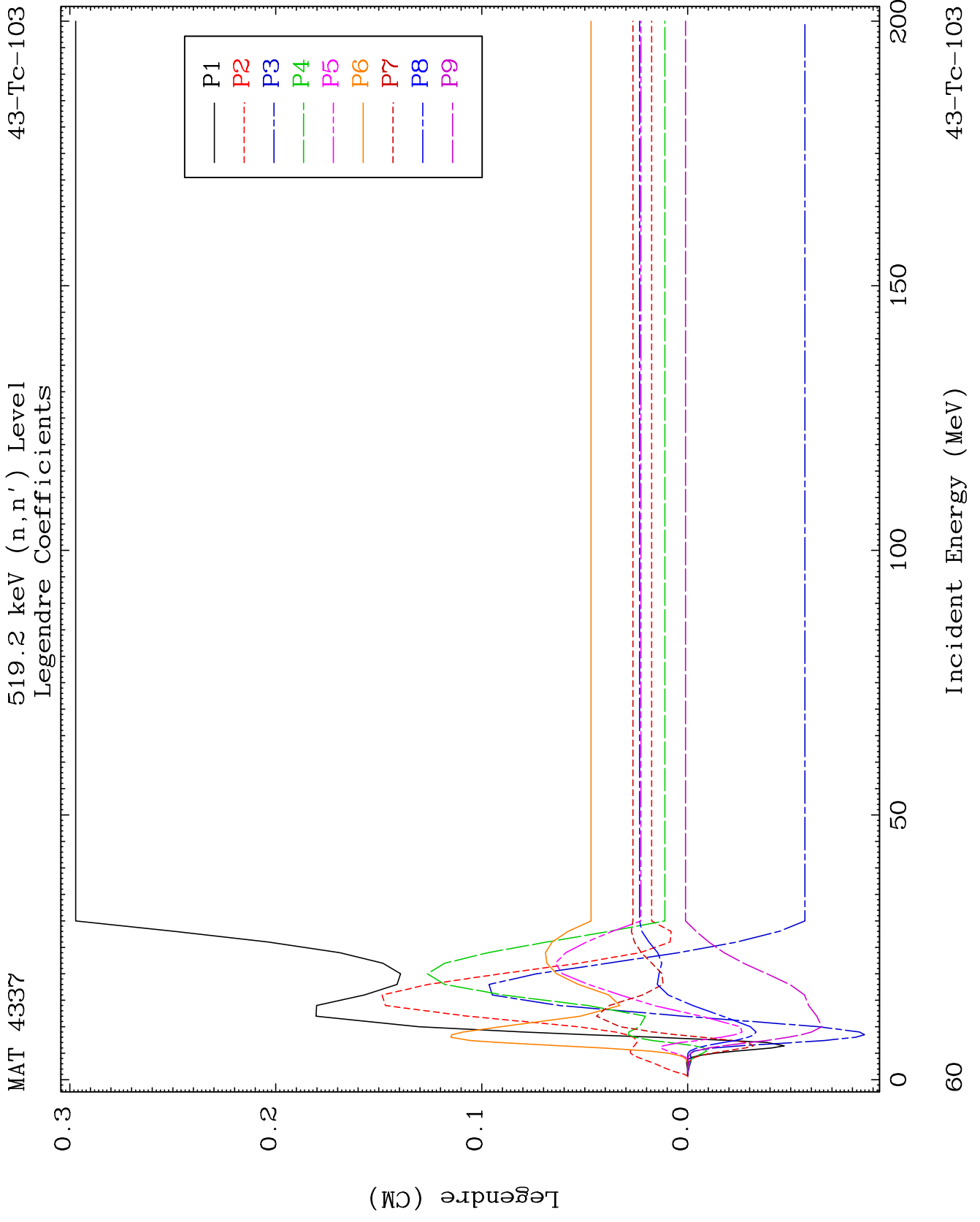
43-Tc-103



59

Incident Energy (MeV)

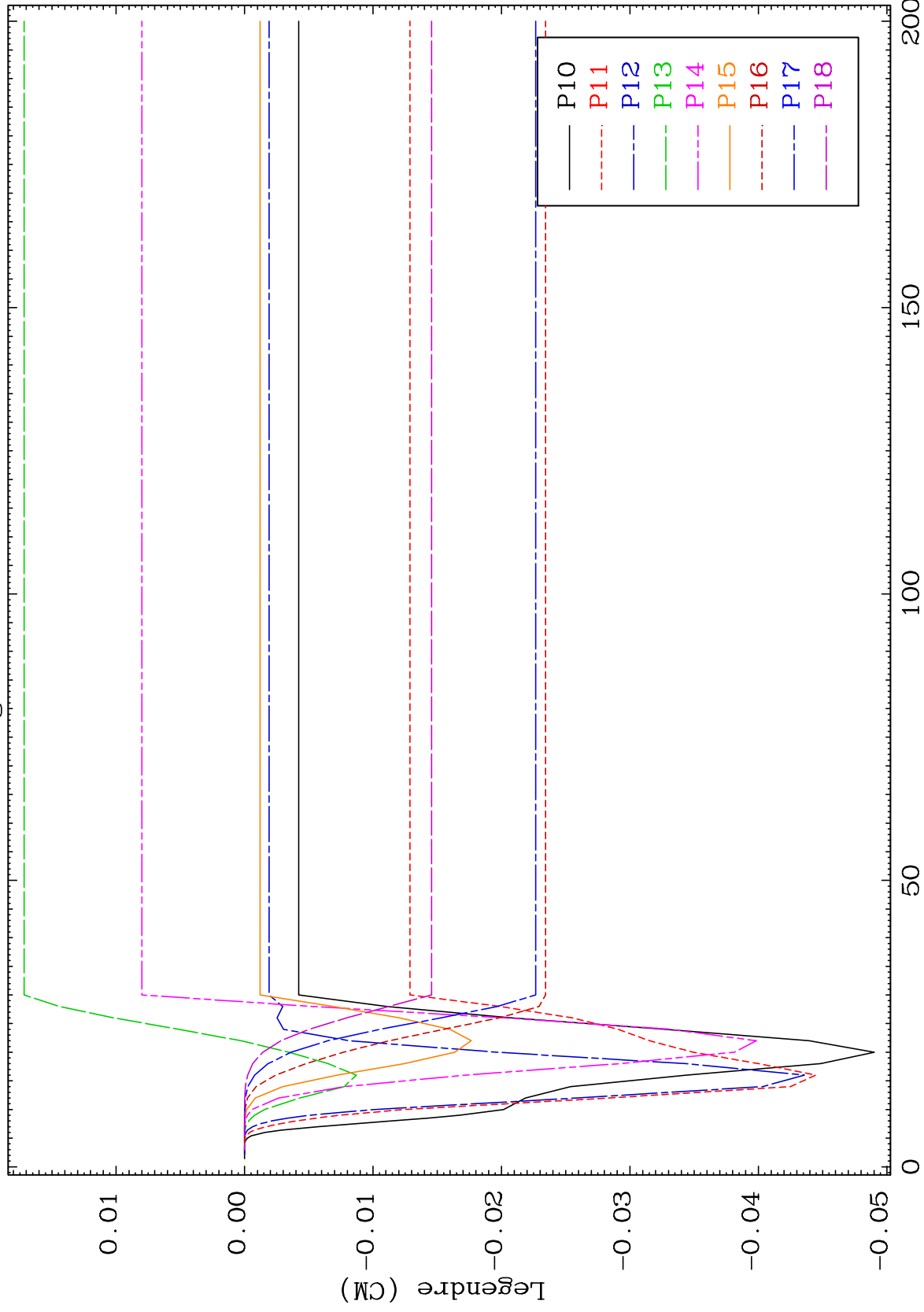
43-Tc-103



MAT 4337

519.2 keV (n,n') Level
Legendre Coefficients

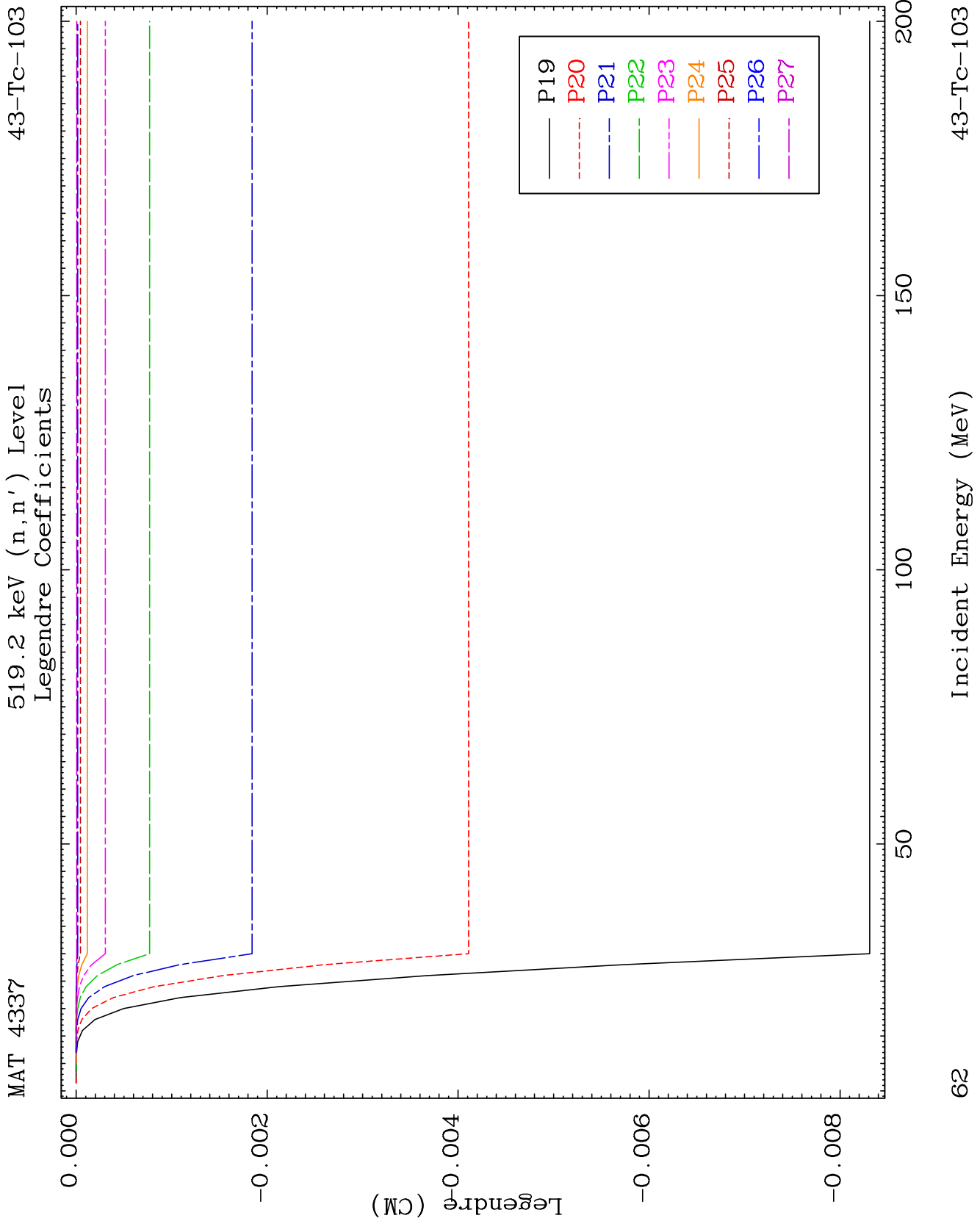
43-Tc-103

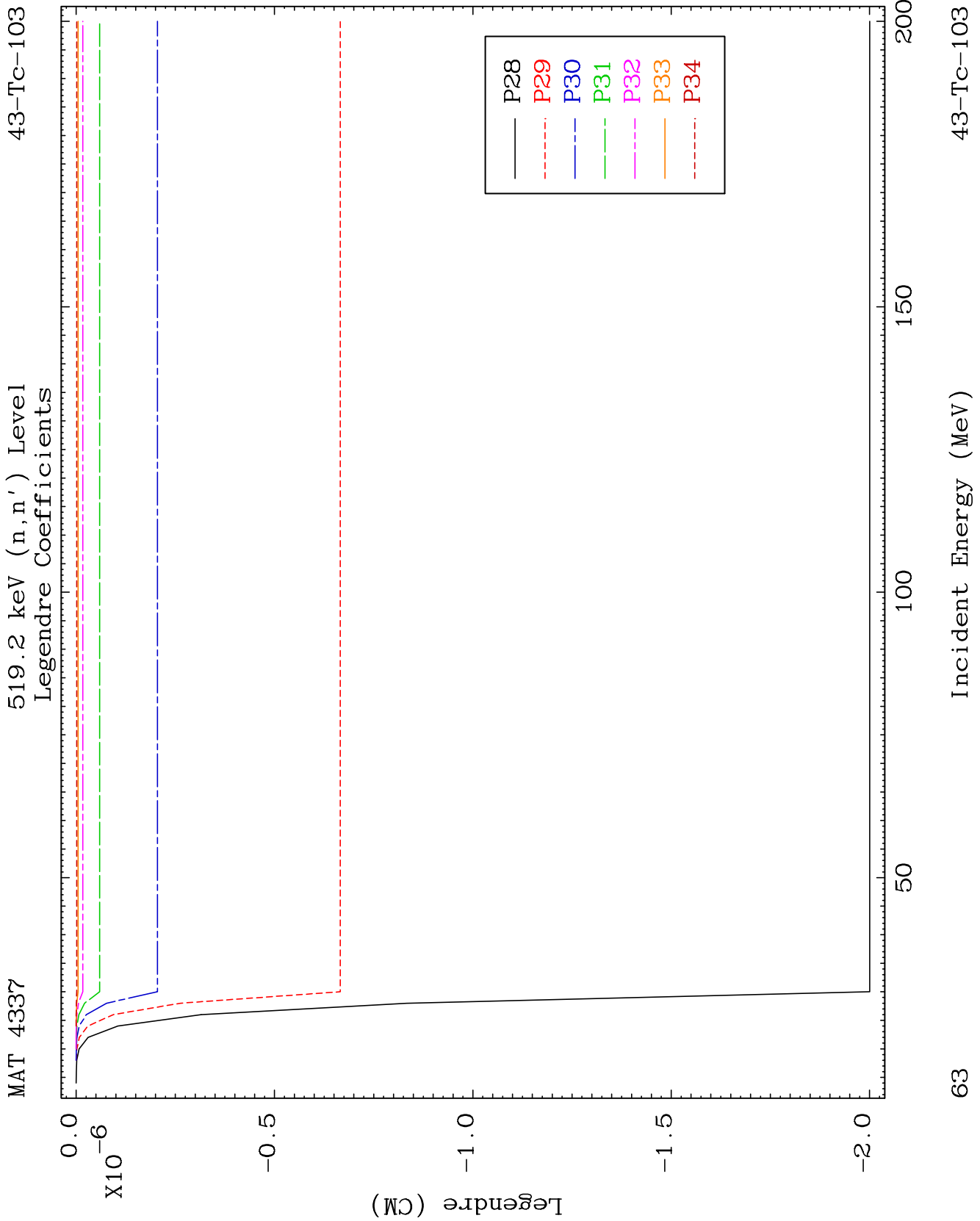


61

Incident Energy (MeV)

43-Tc-103

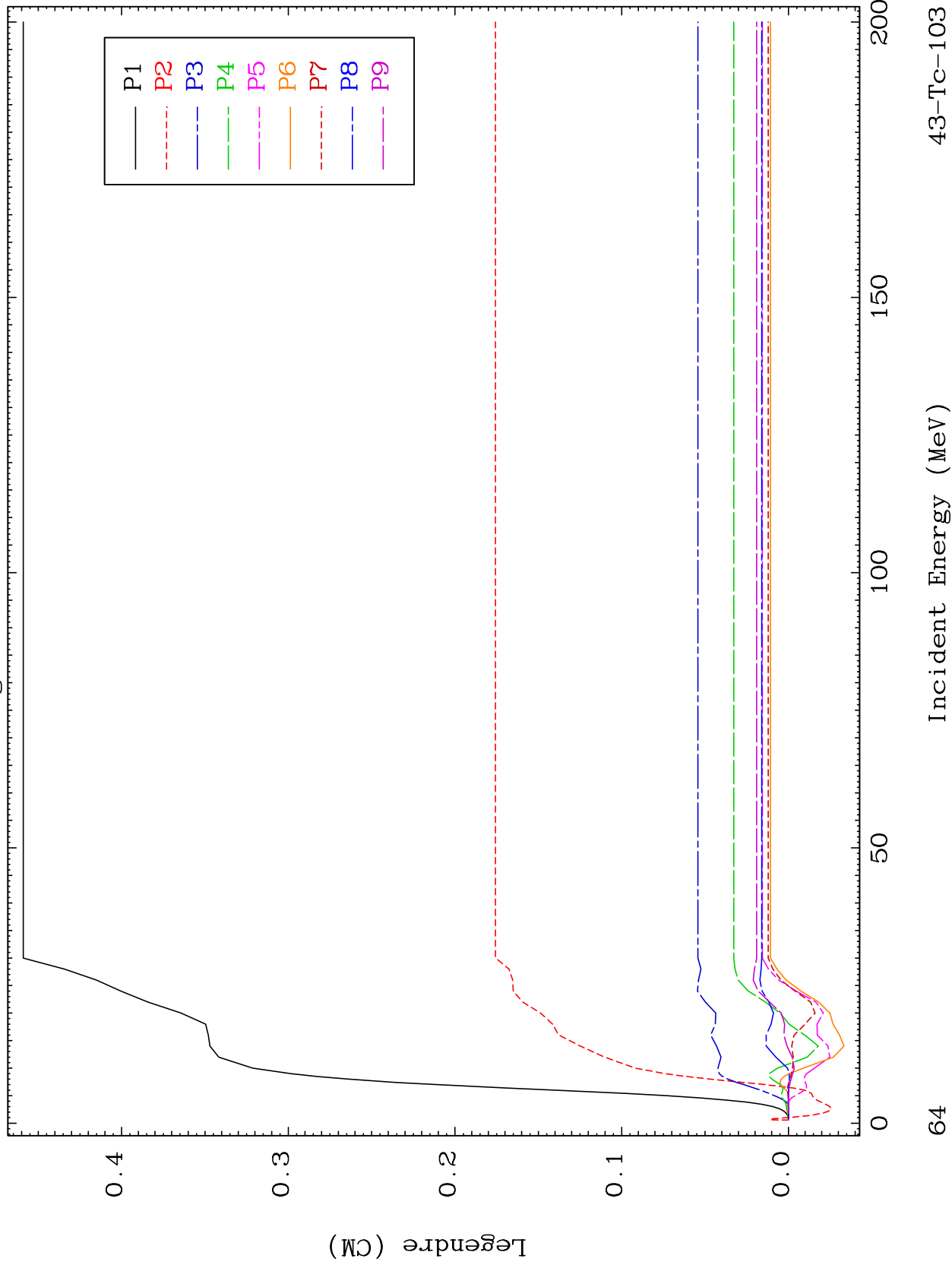




MAT 4337

557.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



43-Tc-103

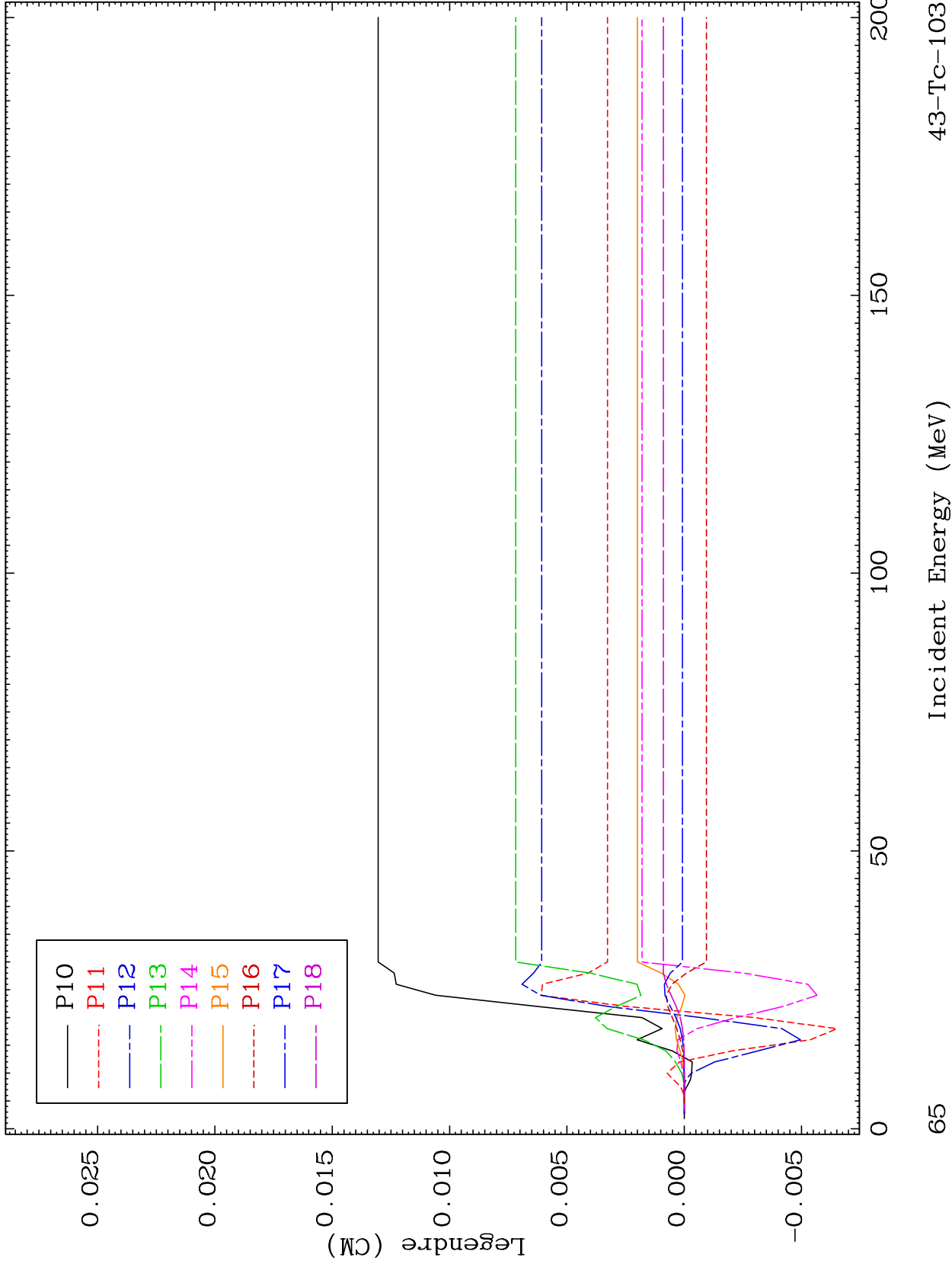
Incident Energy (MeV)

64

MAT 4337

557.0 keV (n,n') Level
Legendre Coefficients

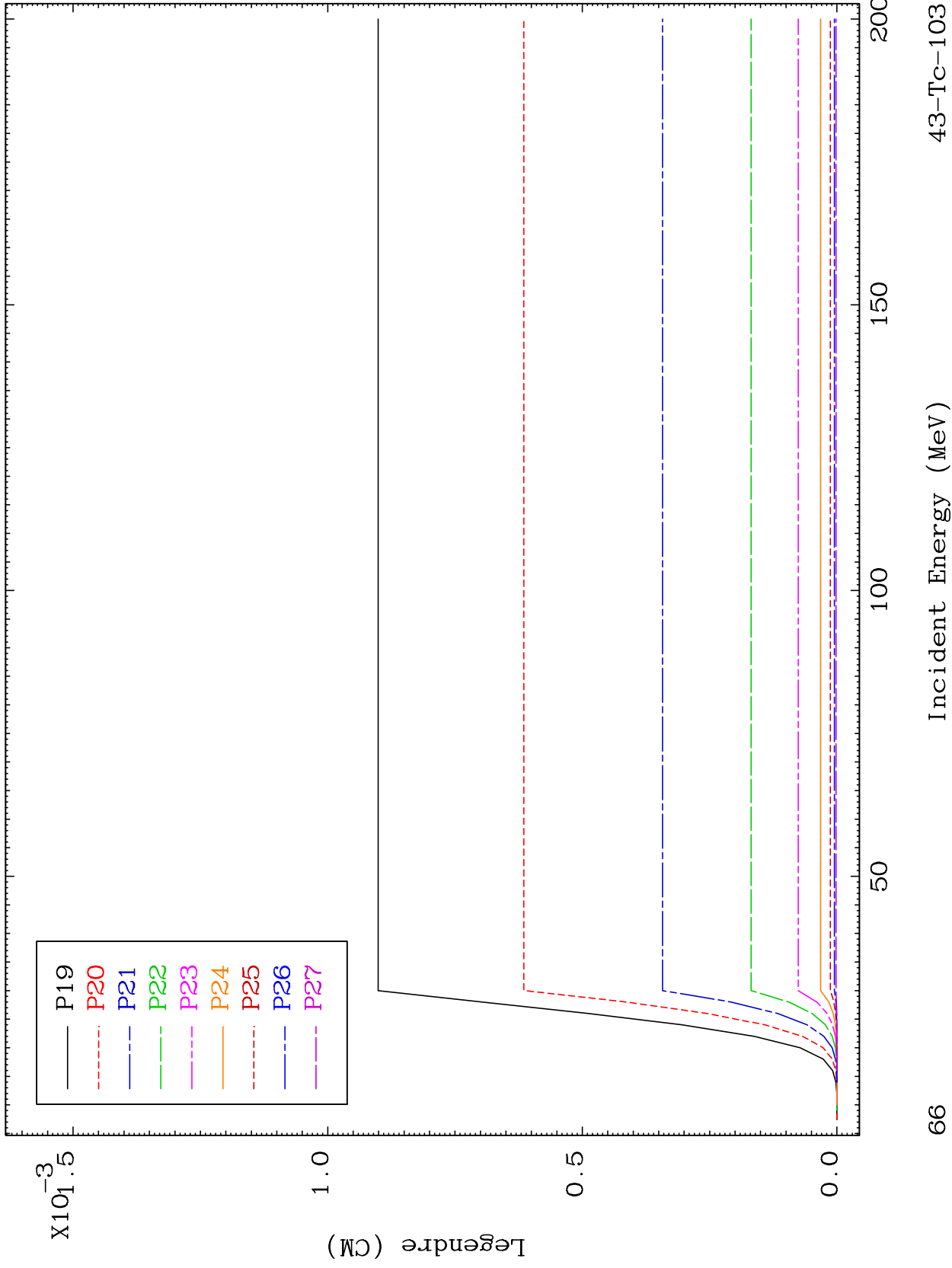
43-Tc-103



43-Tc-103

Incident Energy (MeV)

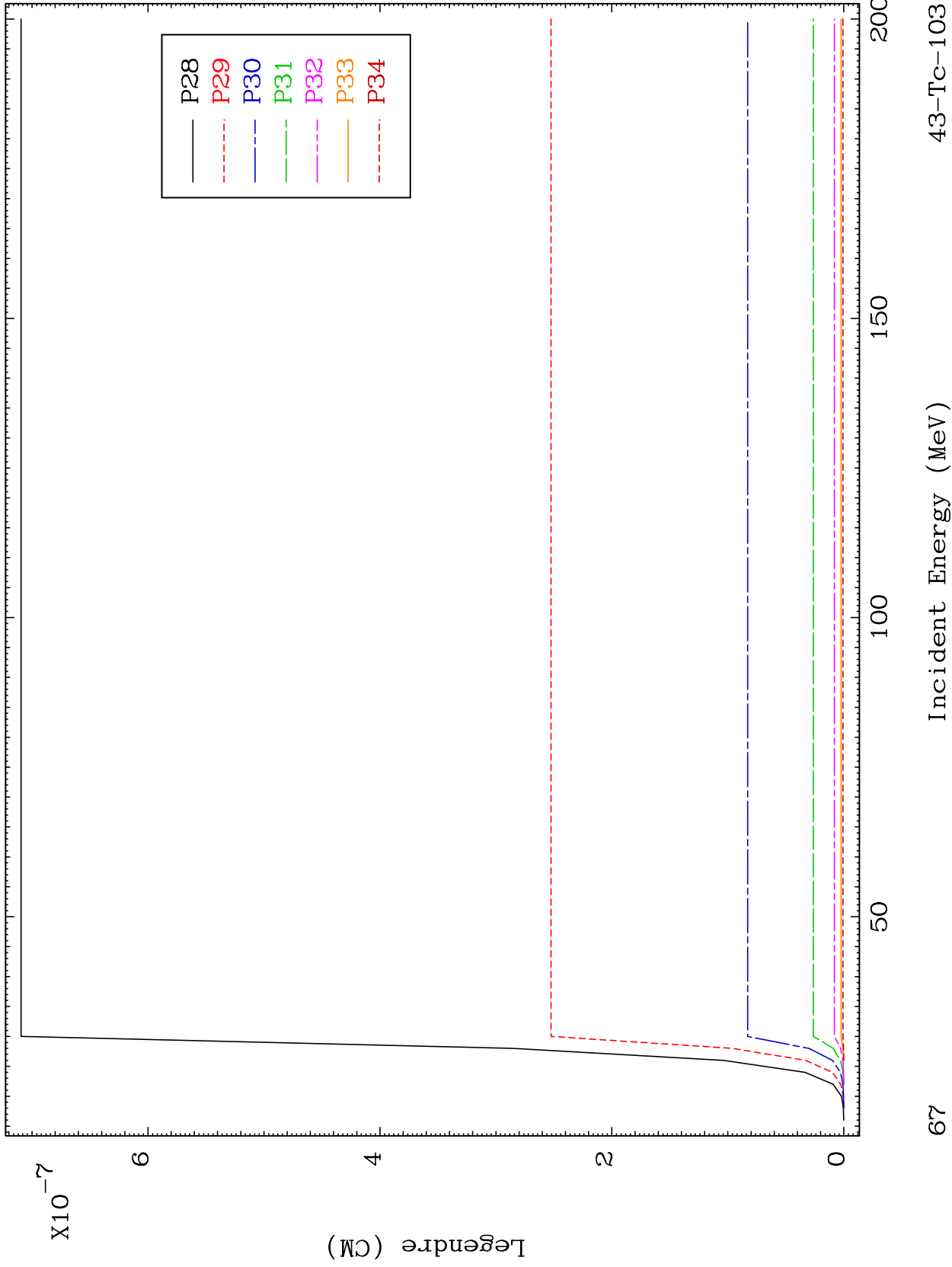
65

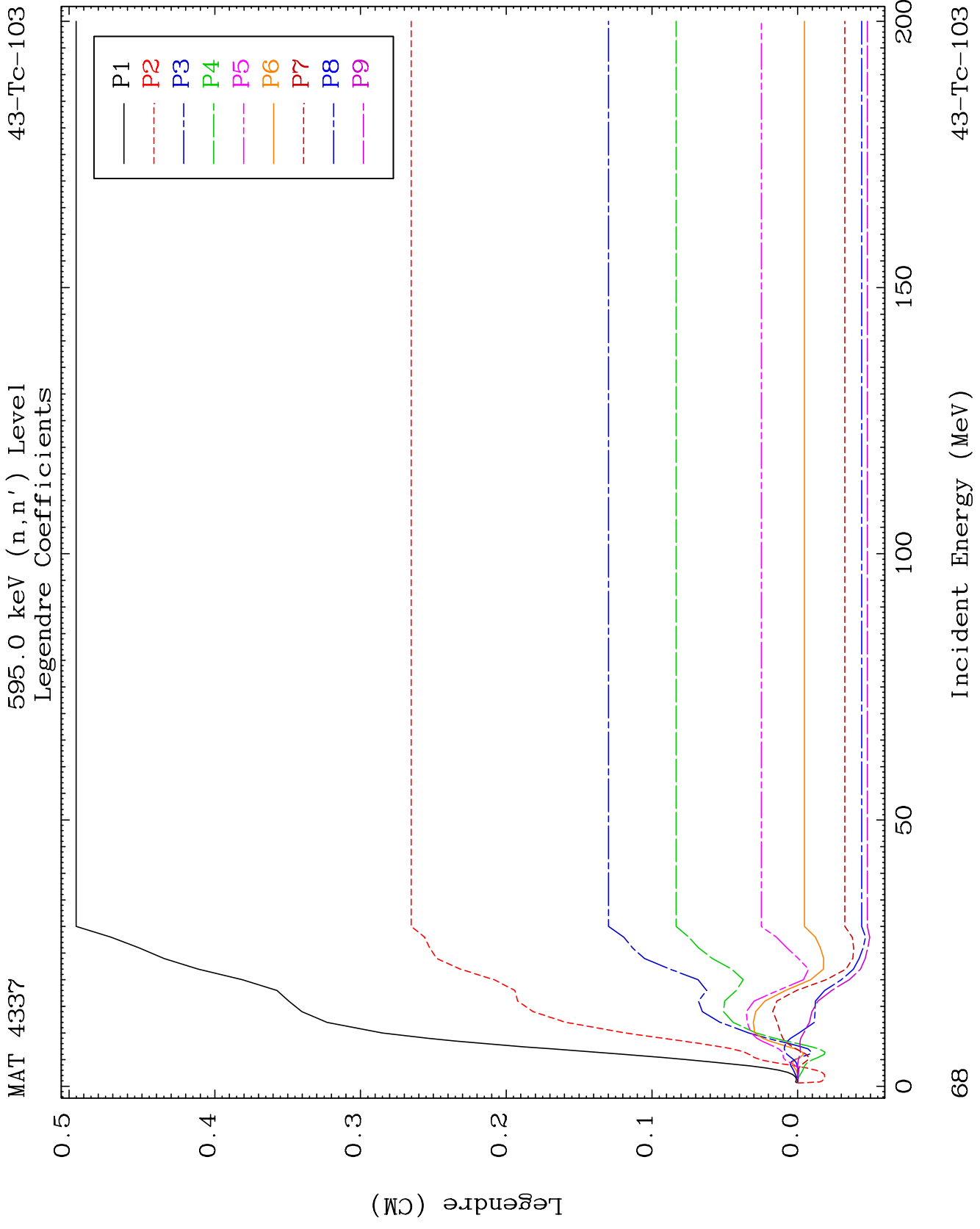


MAT 4337

557.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103

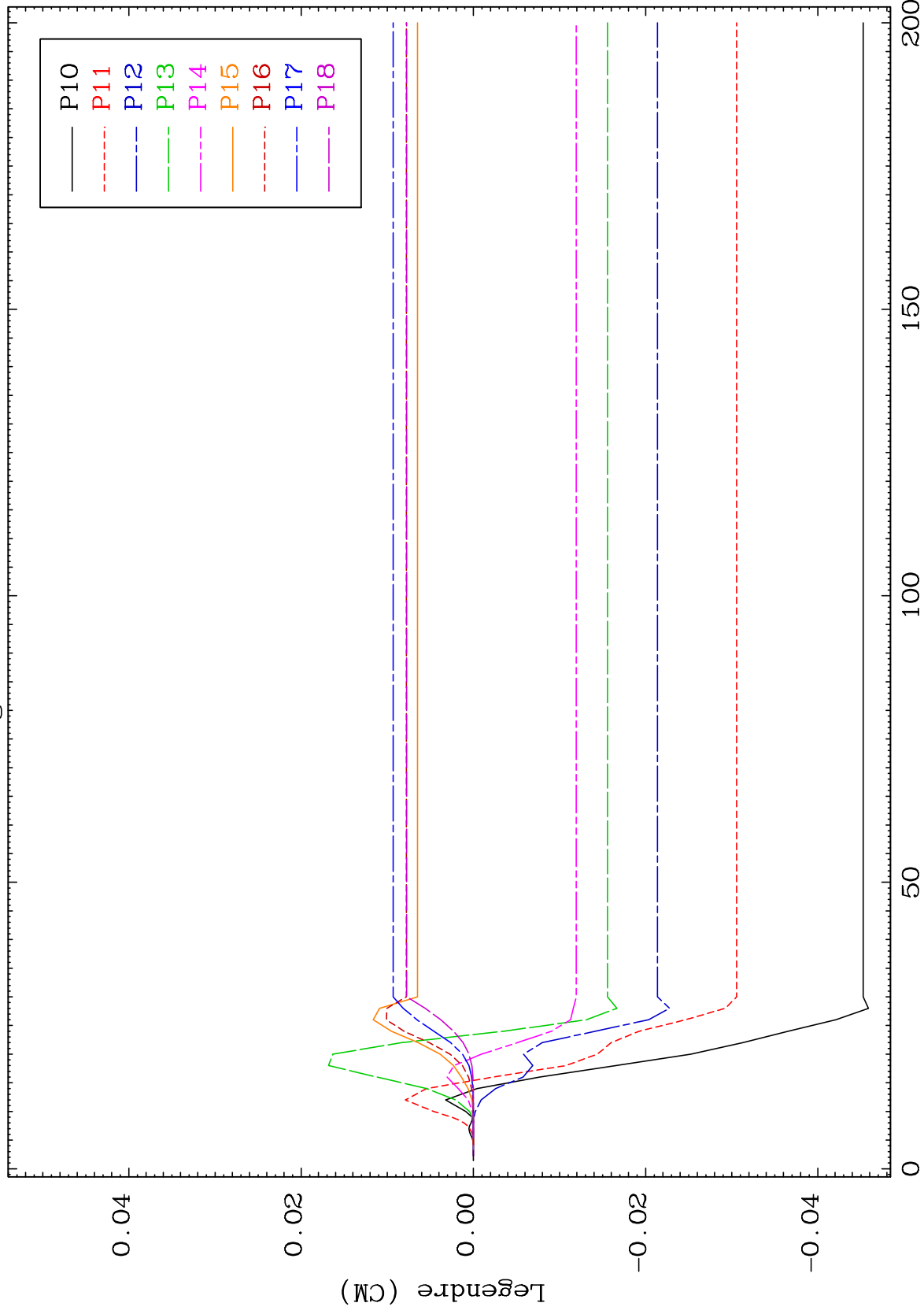




MAT 4337

595.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



69

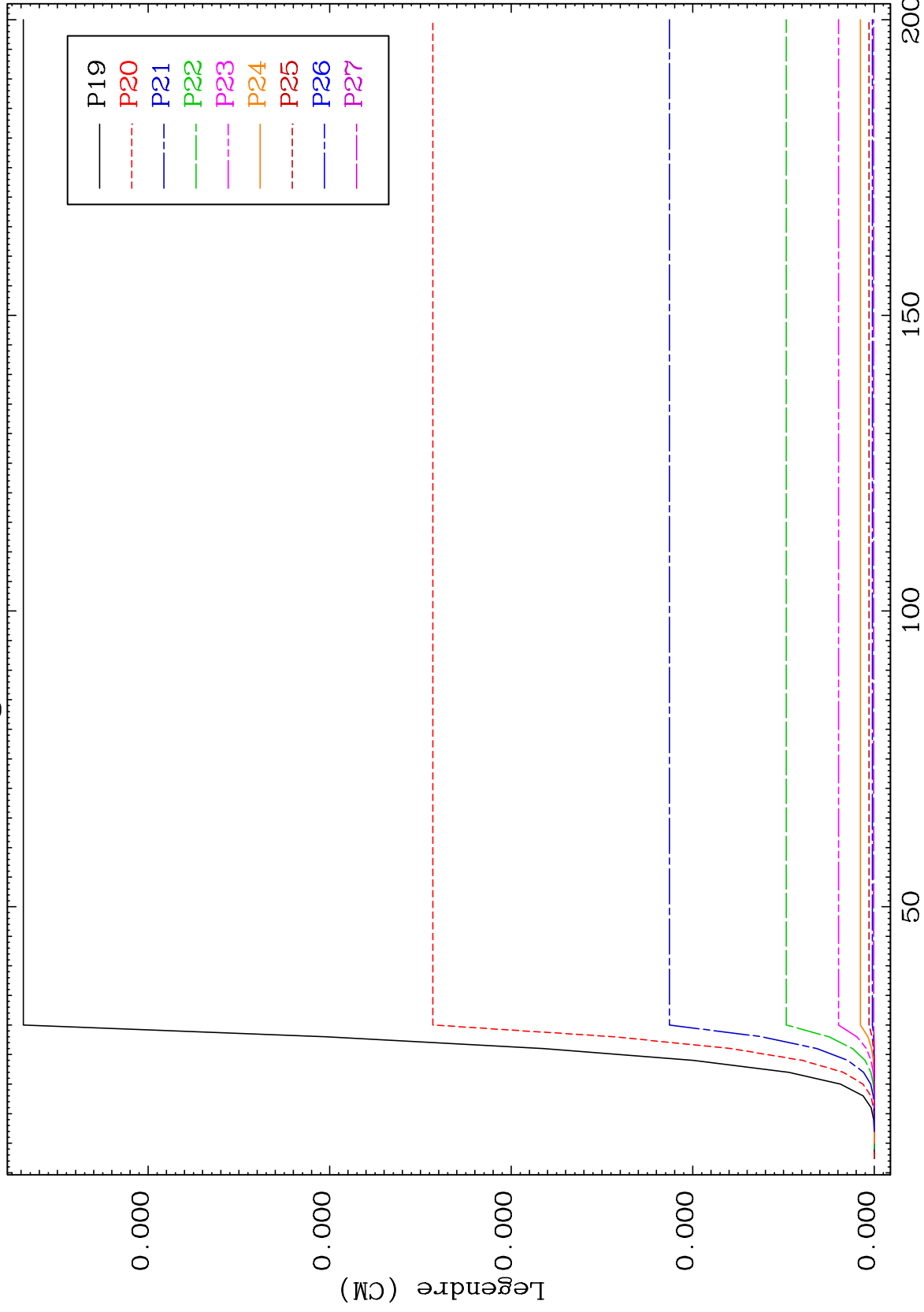
Incident Energy (MeV)

43-Tc-103

MAT 4337

595.0 keV (n, n') Level
Legendre Coefficients

43-Tc-103



70

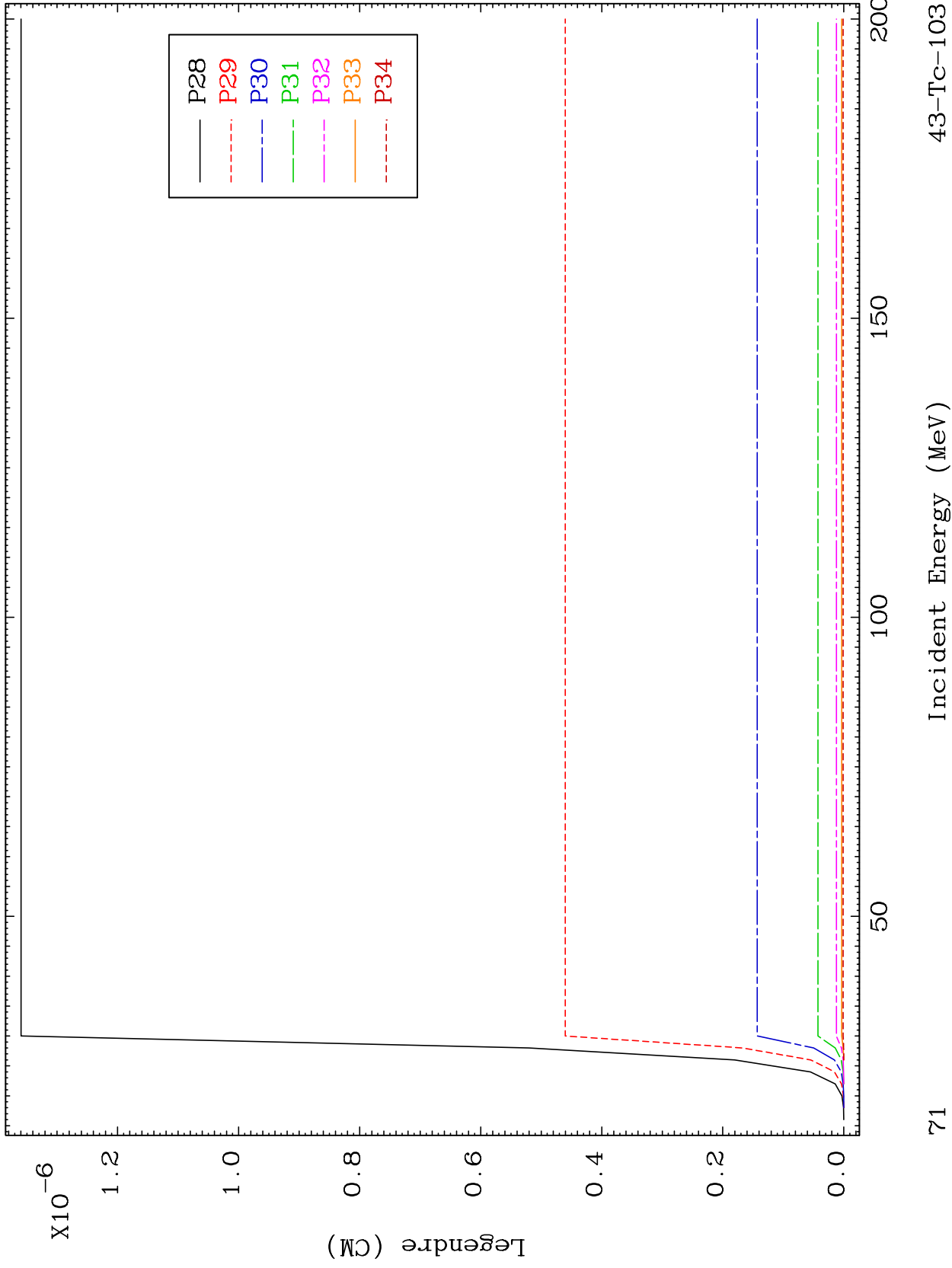
Incident Energy (MeV)

43-Tc-103

MAT 4337

595.0 keV (n,n') Level
Legendre Coefficients

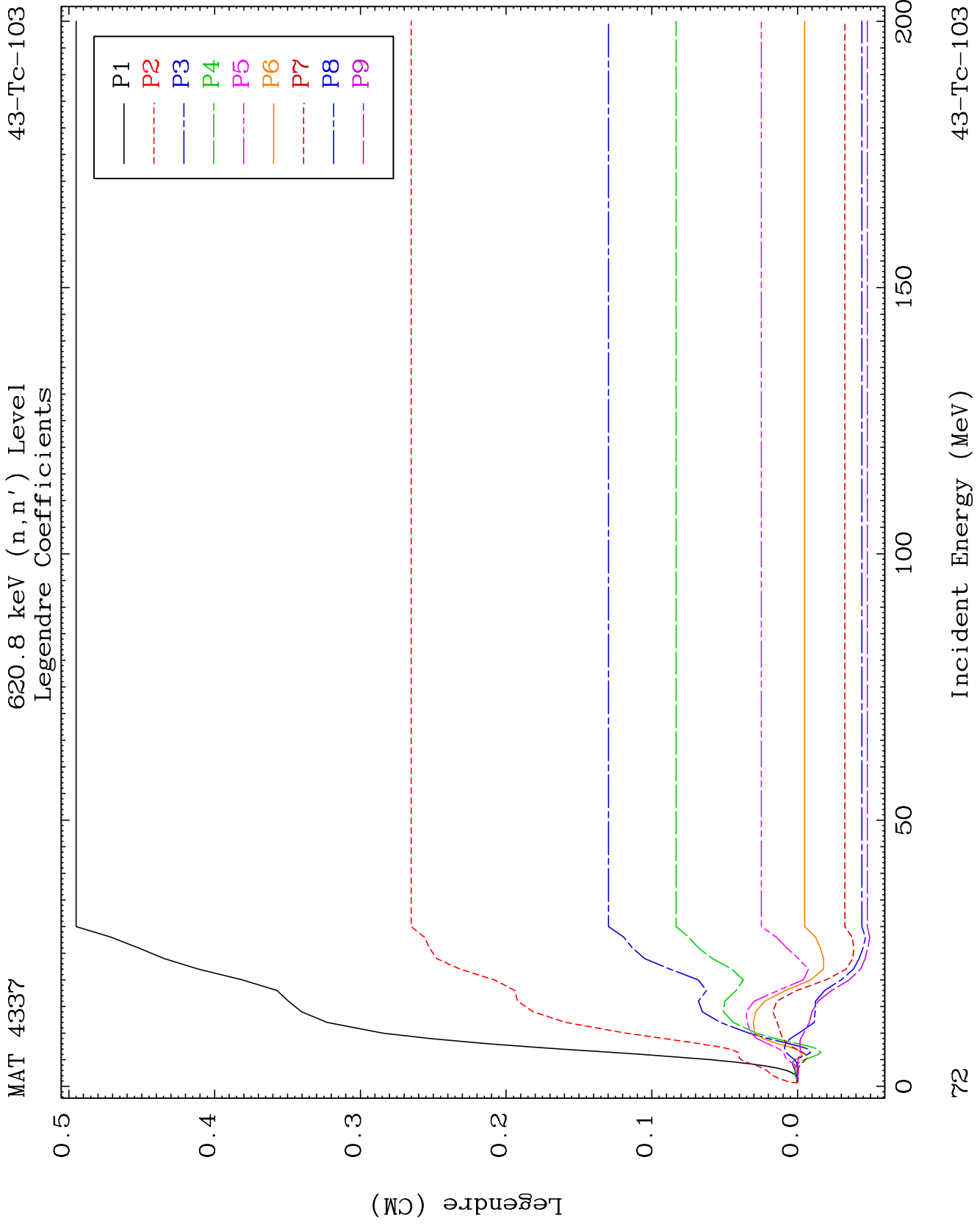
43-Tc-103



71

Incident Energy (MeV)

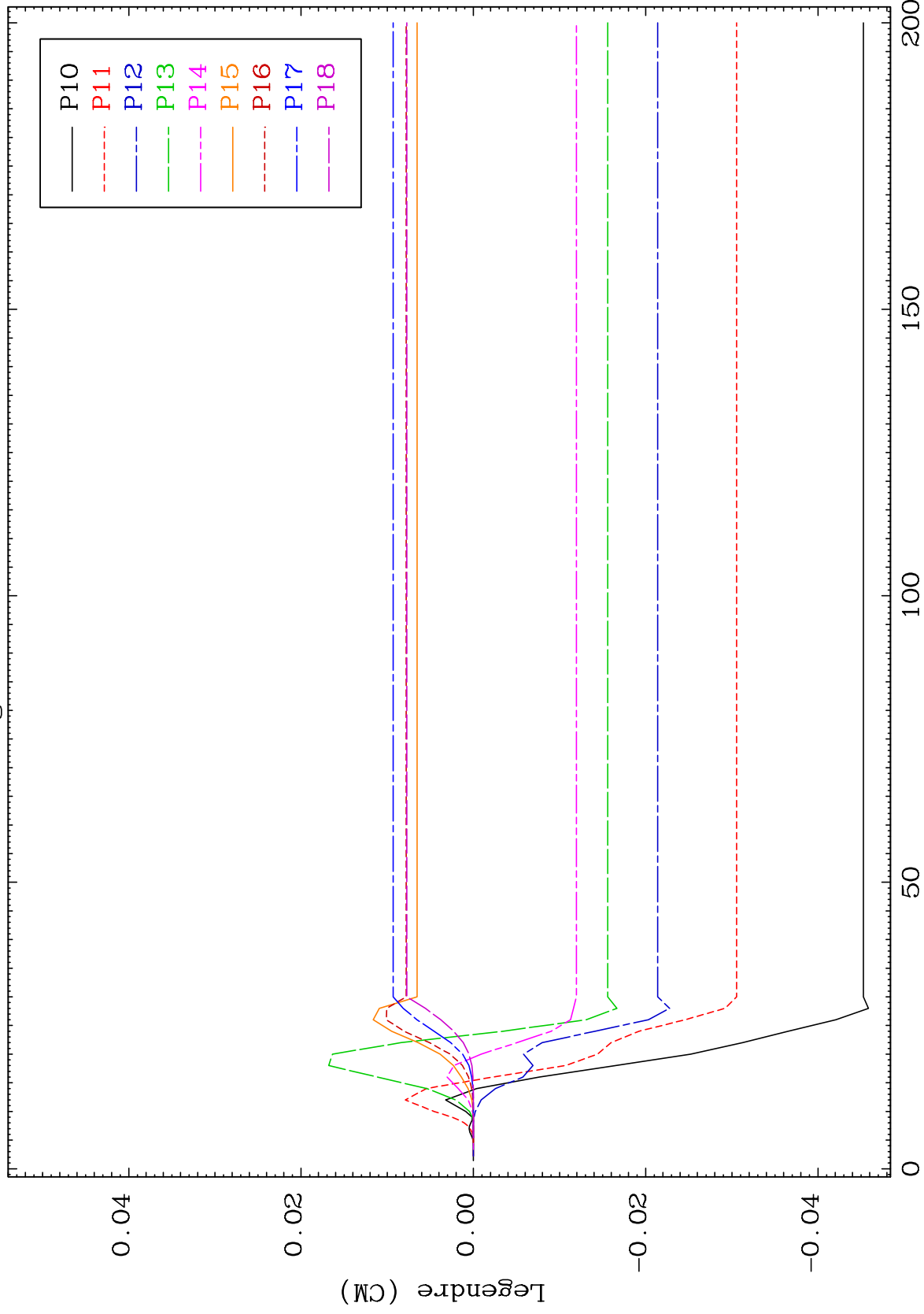
43-Tc-103



MAT 4337

620.8 keV (n,n') Level
Legendre Coefficients

43-Tc-103



73

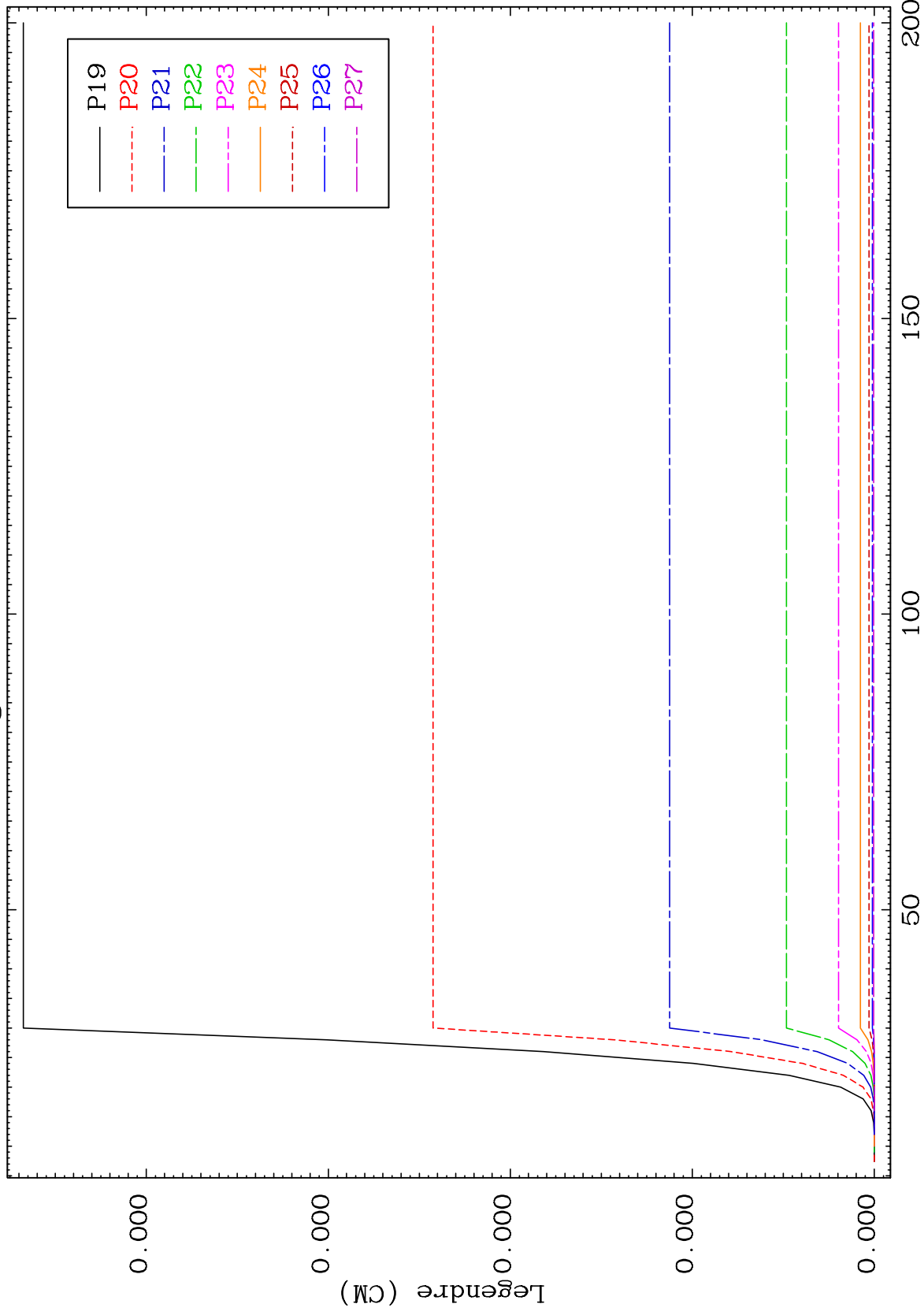
Incident Energy (MeV)

43-Tc-103

MAT 4337

620.8 keV (n, n') Level
Legendre Coefficients

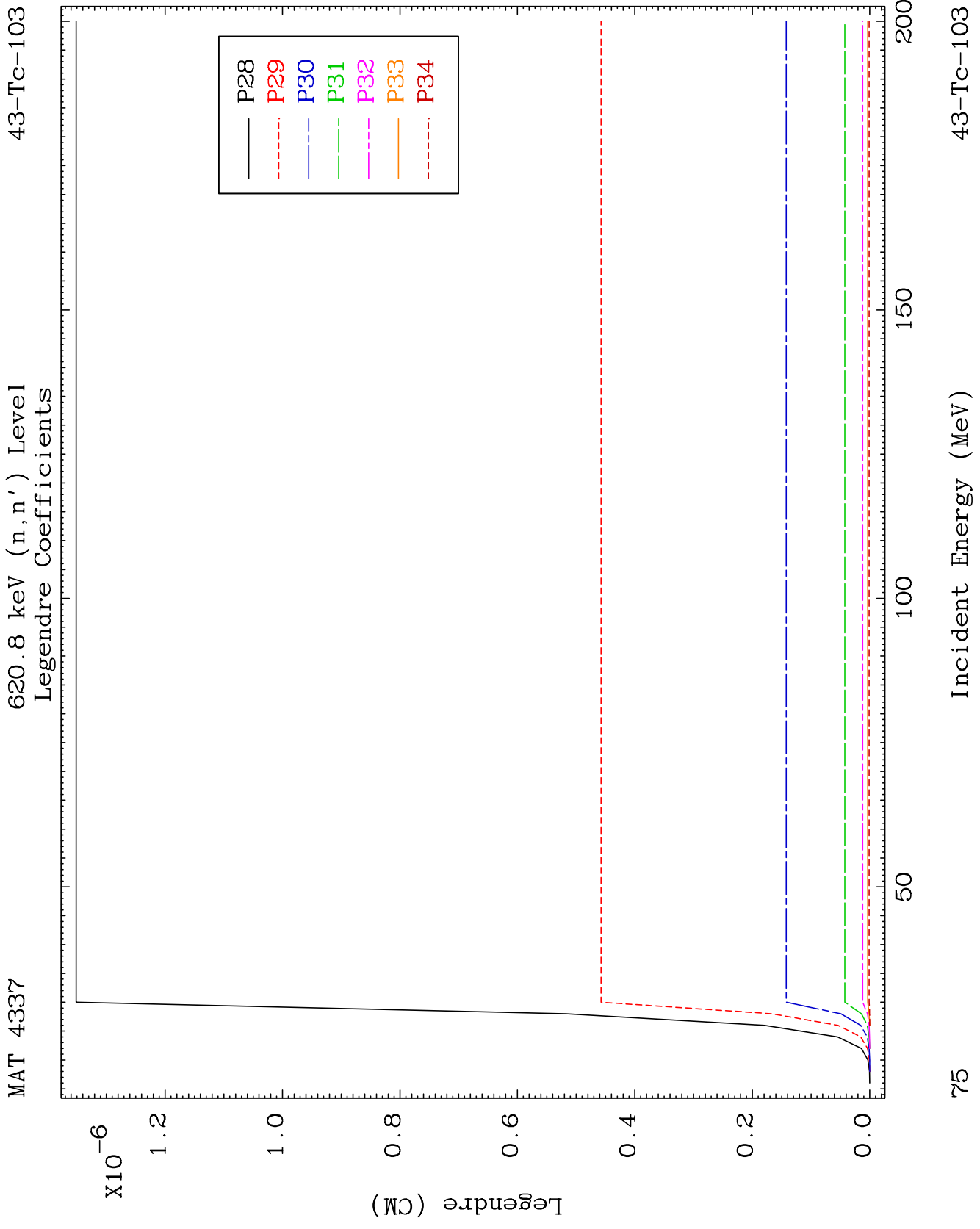
43-Tc-103



74

Incident Energy (MeV)

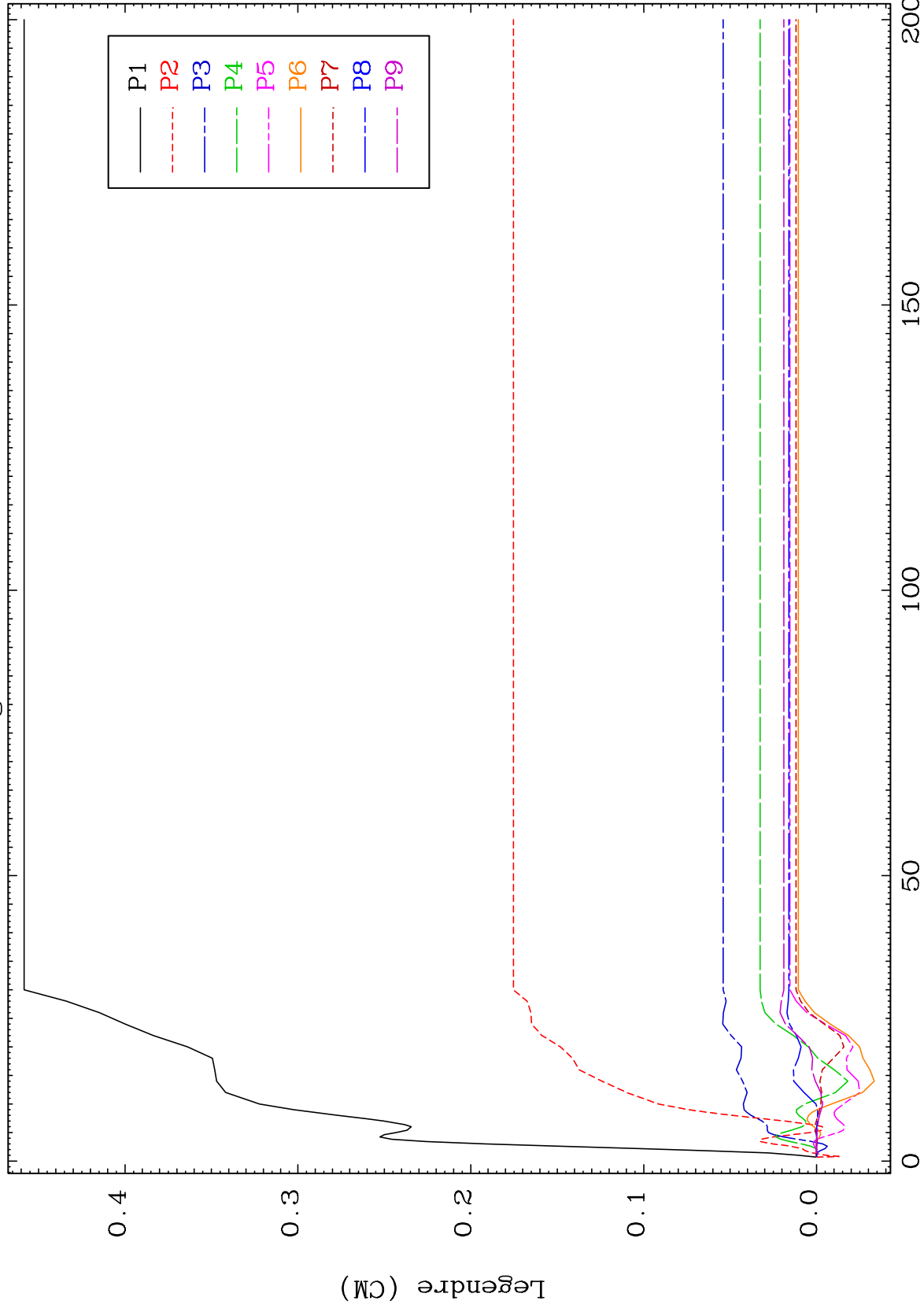
43-Tc-103



MAT 4337

663.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



76

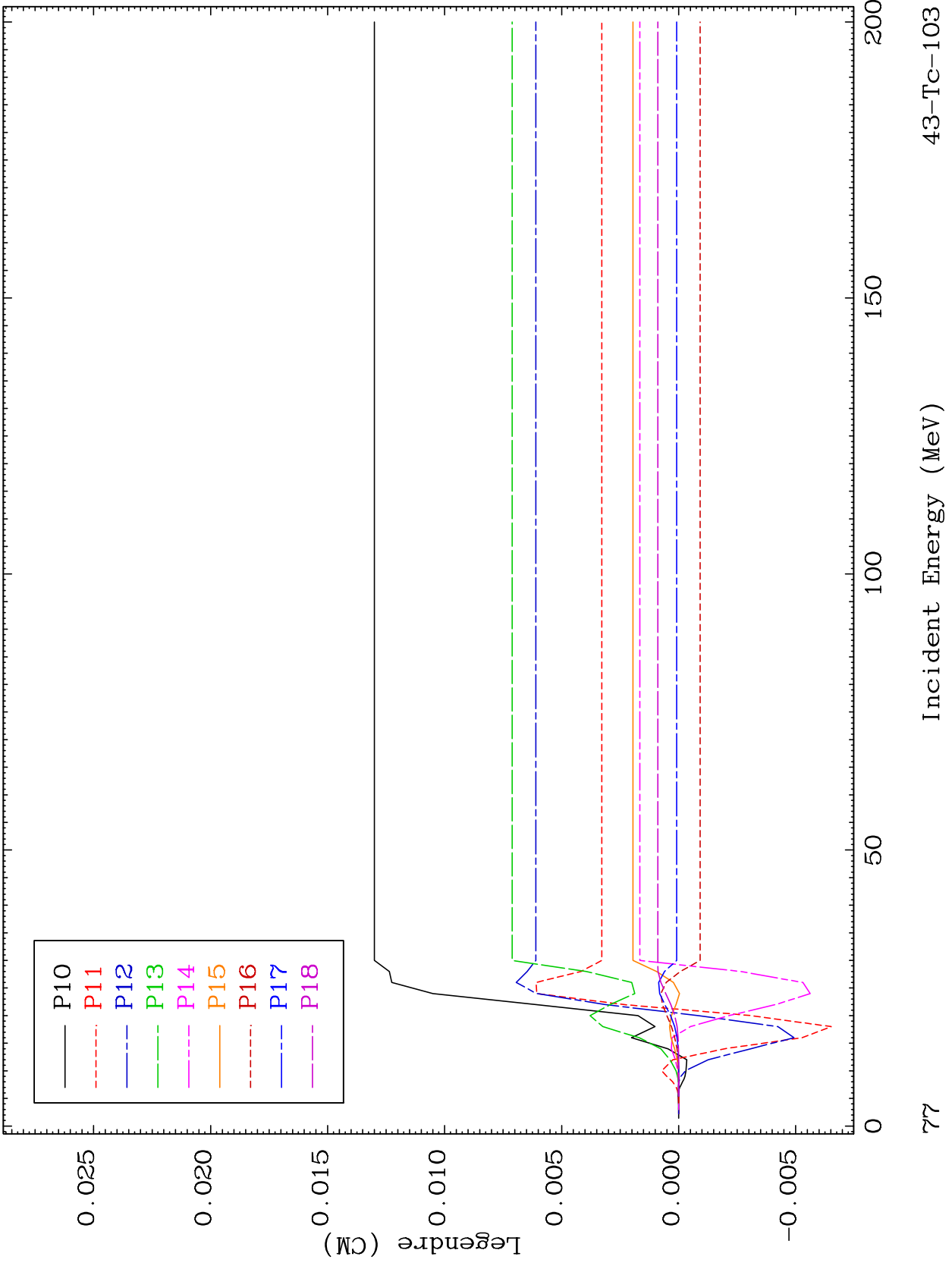
Incident Energy (MeV)

43-Tc-103

MAT 4337

663.0 keV (n,n') Level
Legendre Coefficients

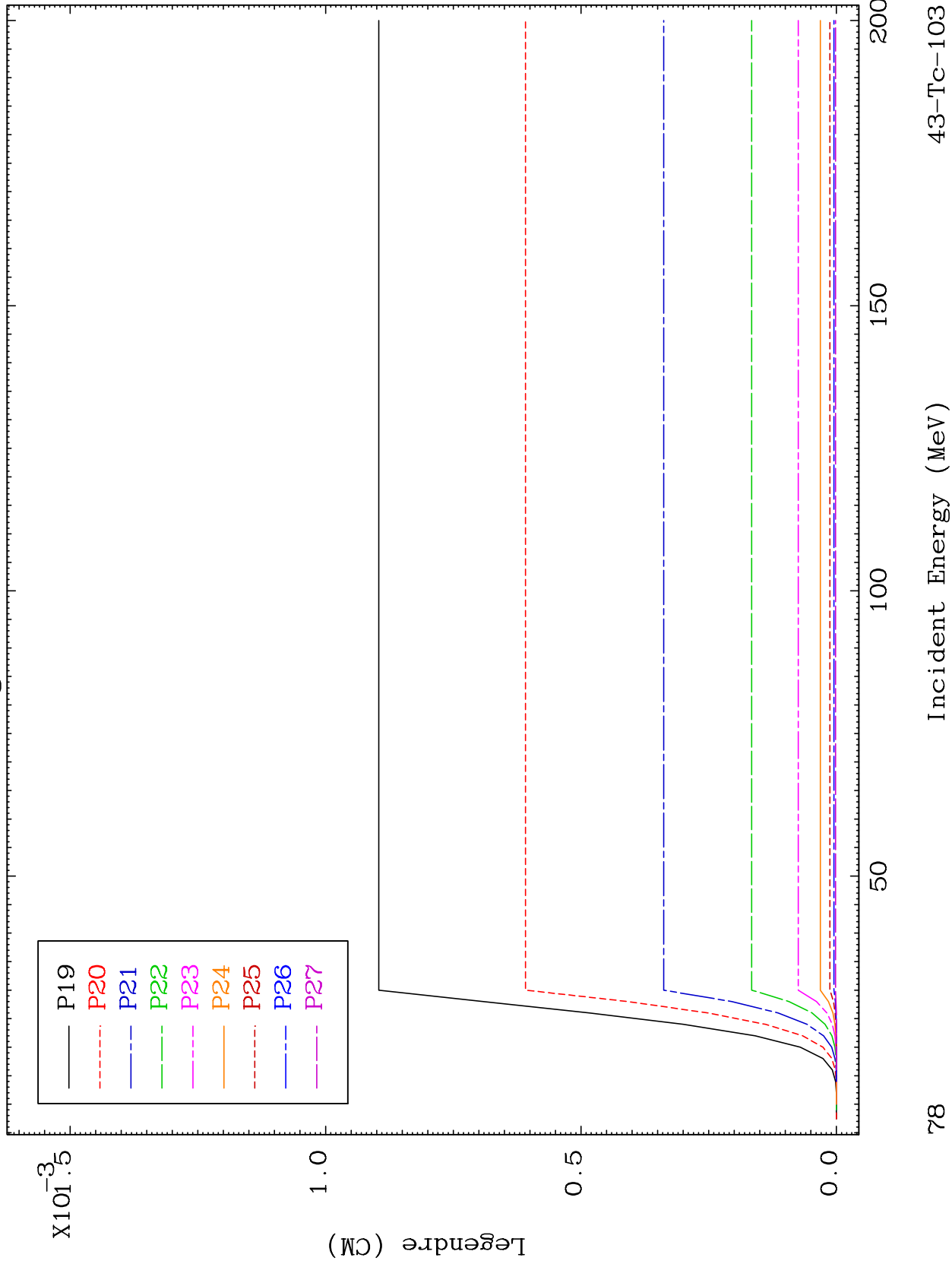
43-Tc-103



MAT 4337

663.0 keV (n,n') Level
Legendre Coefficients

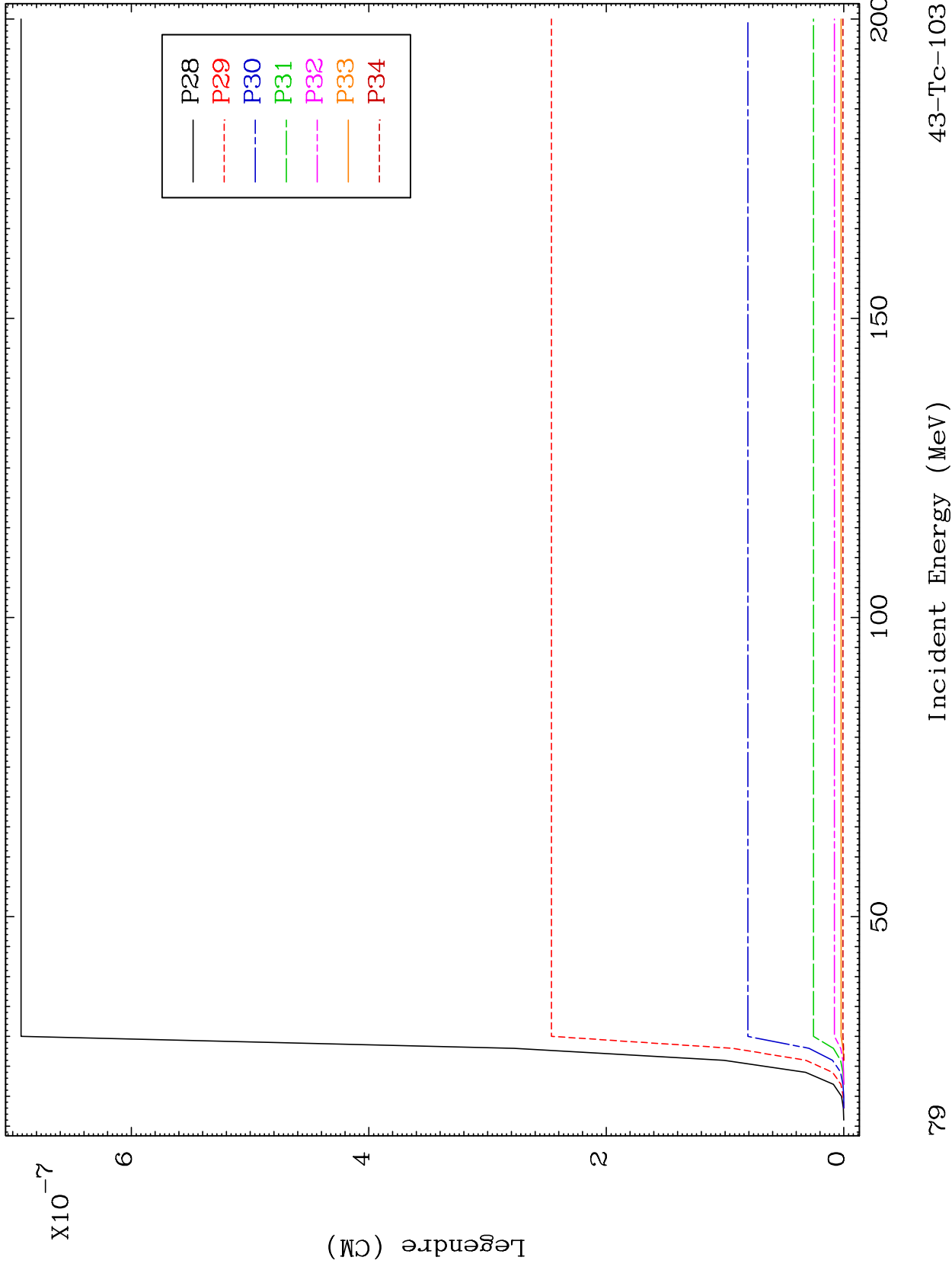
43-Tc-103



MAT 4337

663.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



79

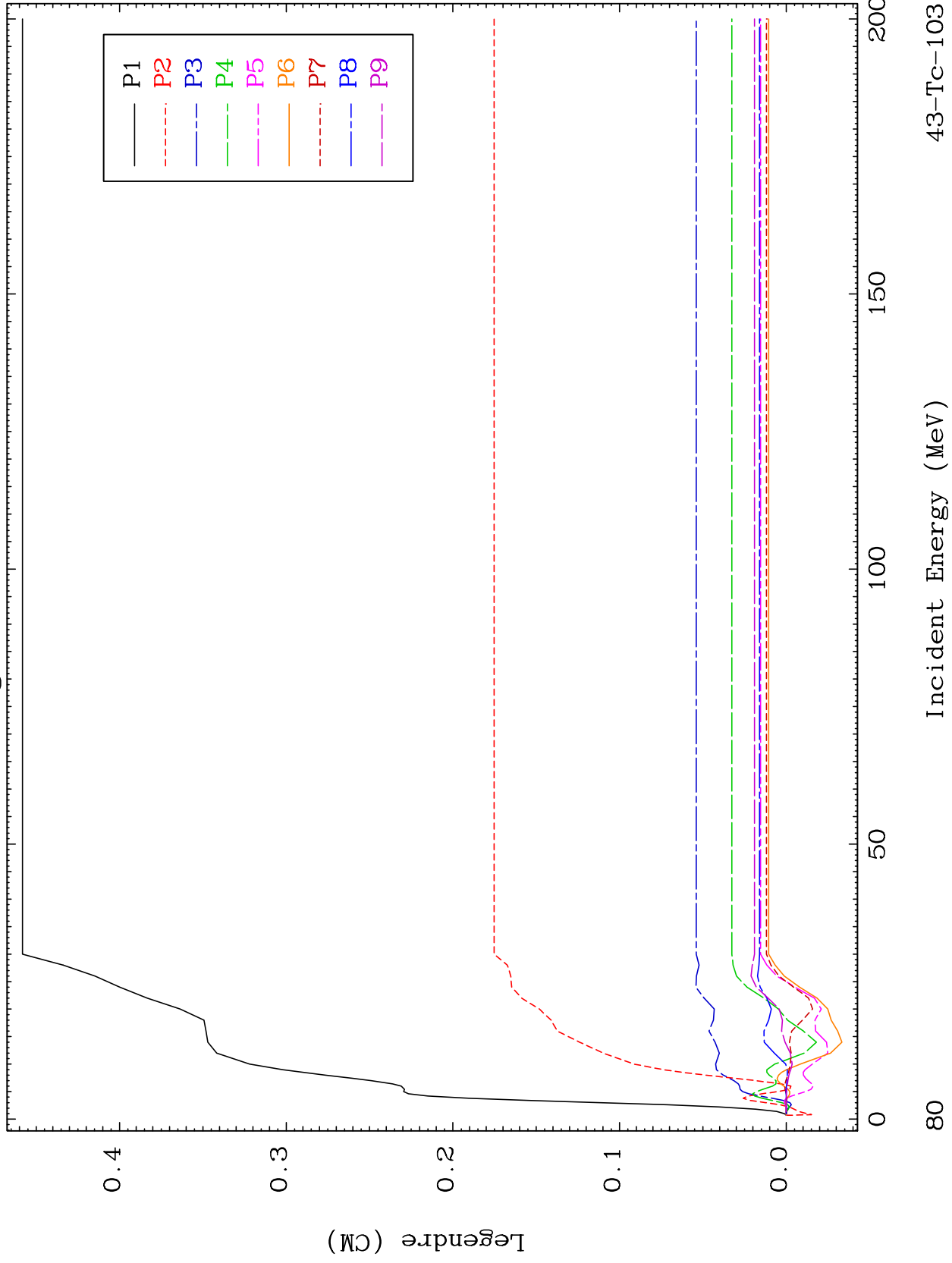
Incident Energy (MeV)

43-Tc-103

MAT 4337

686.6 keV (n,n') Level
Legendre Coefficients

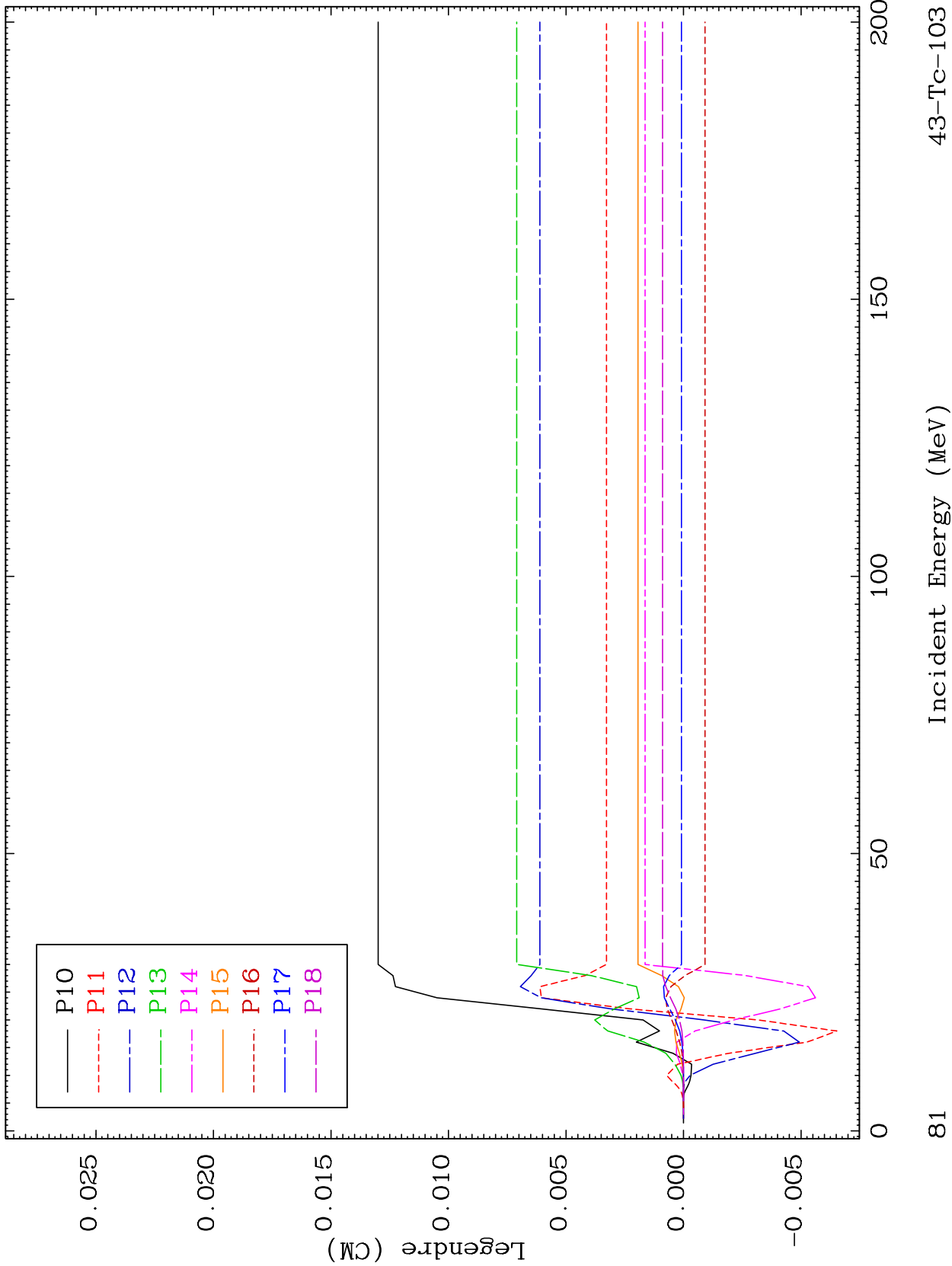
43-Tc-103



43-Tc-103

Incident Energy (MeV)

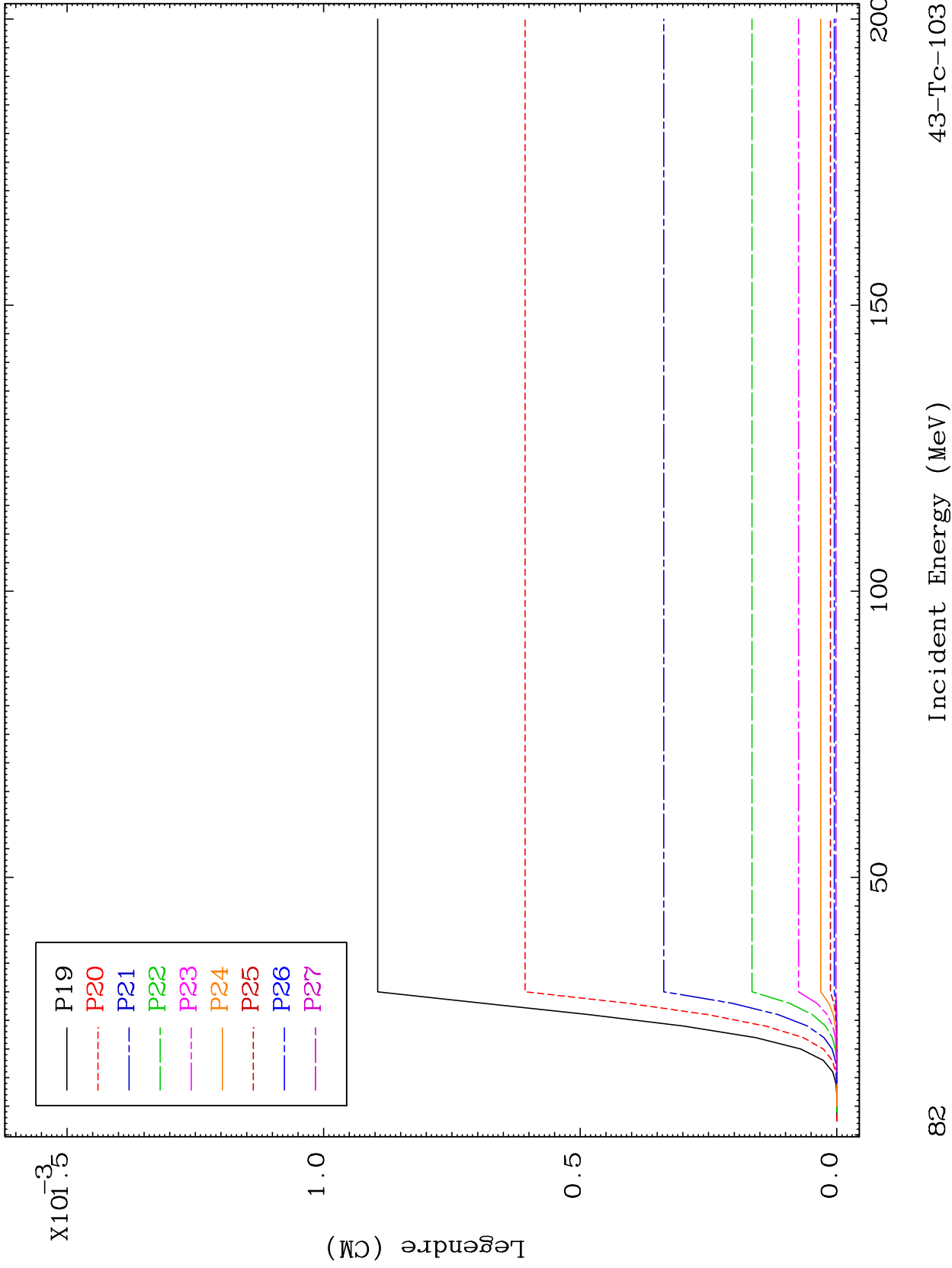
80



MAT 4337

686.6 keV (n,n') Level
Legendre Coefficients

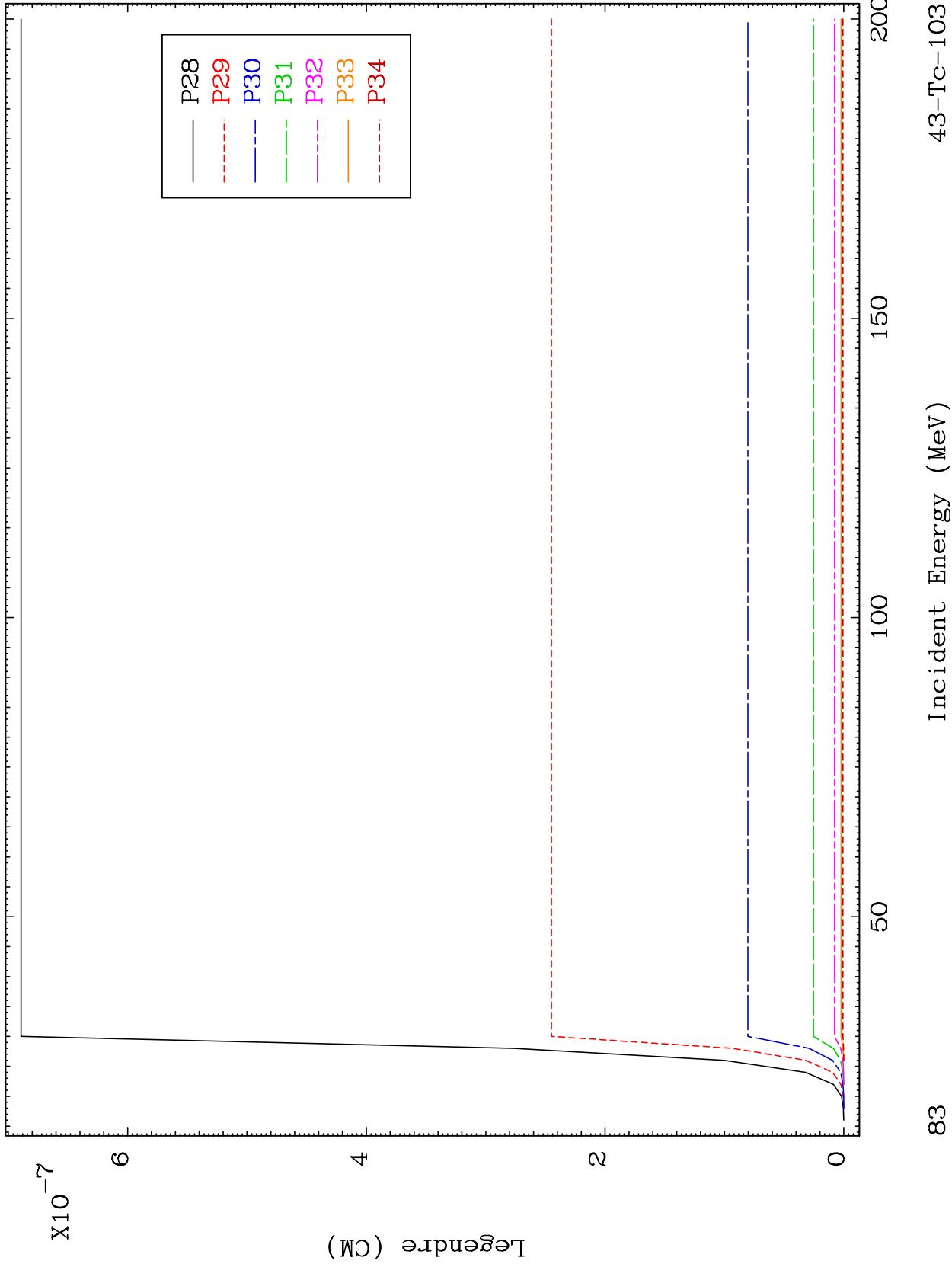
43-Tc-103



MAT 4337

686.6 keV (n,n') Level
Legendre Coefficients

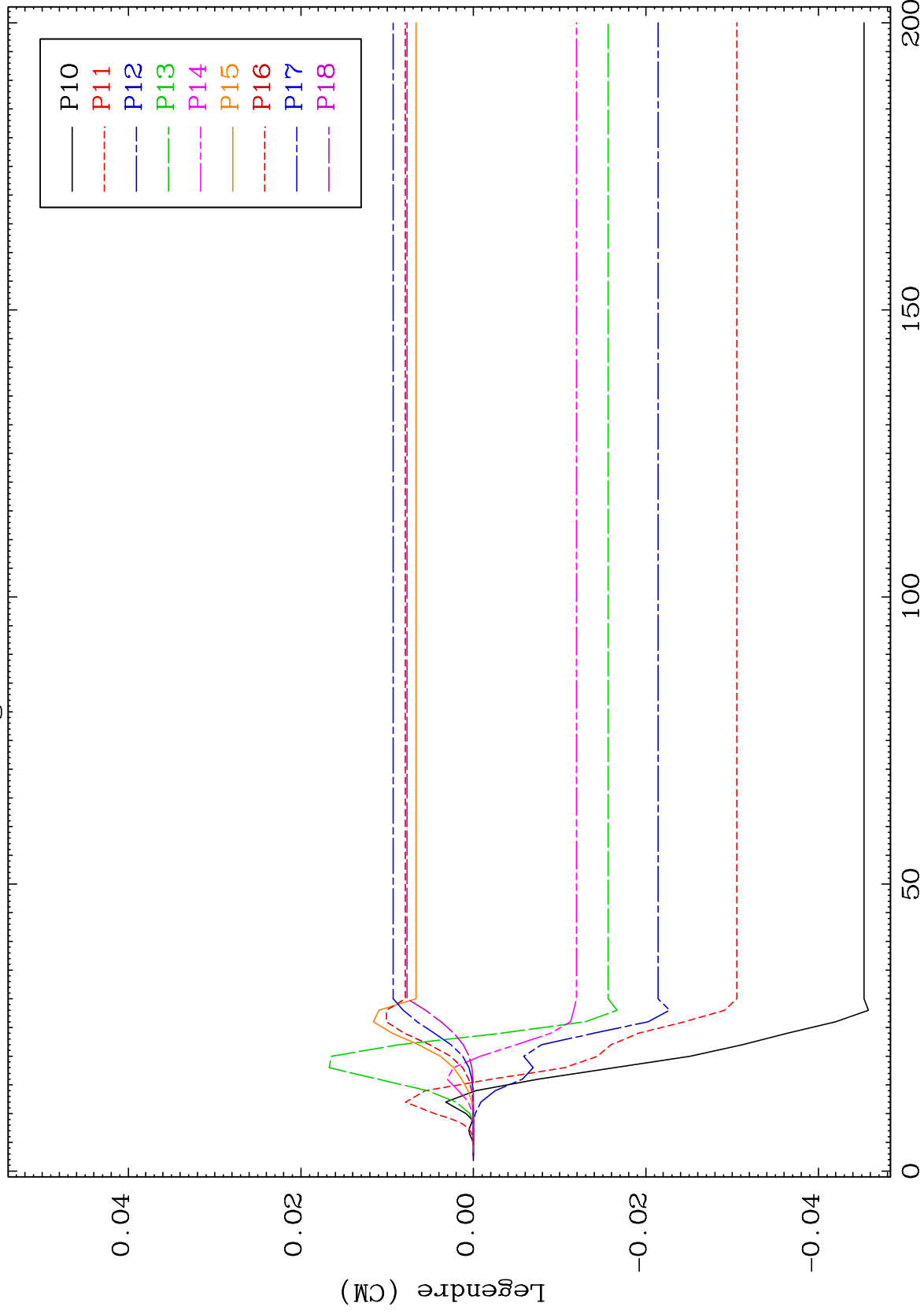
43-Tc-103



MAT 4337

689.6 keV (n,n') Level
Legendre Coefficients

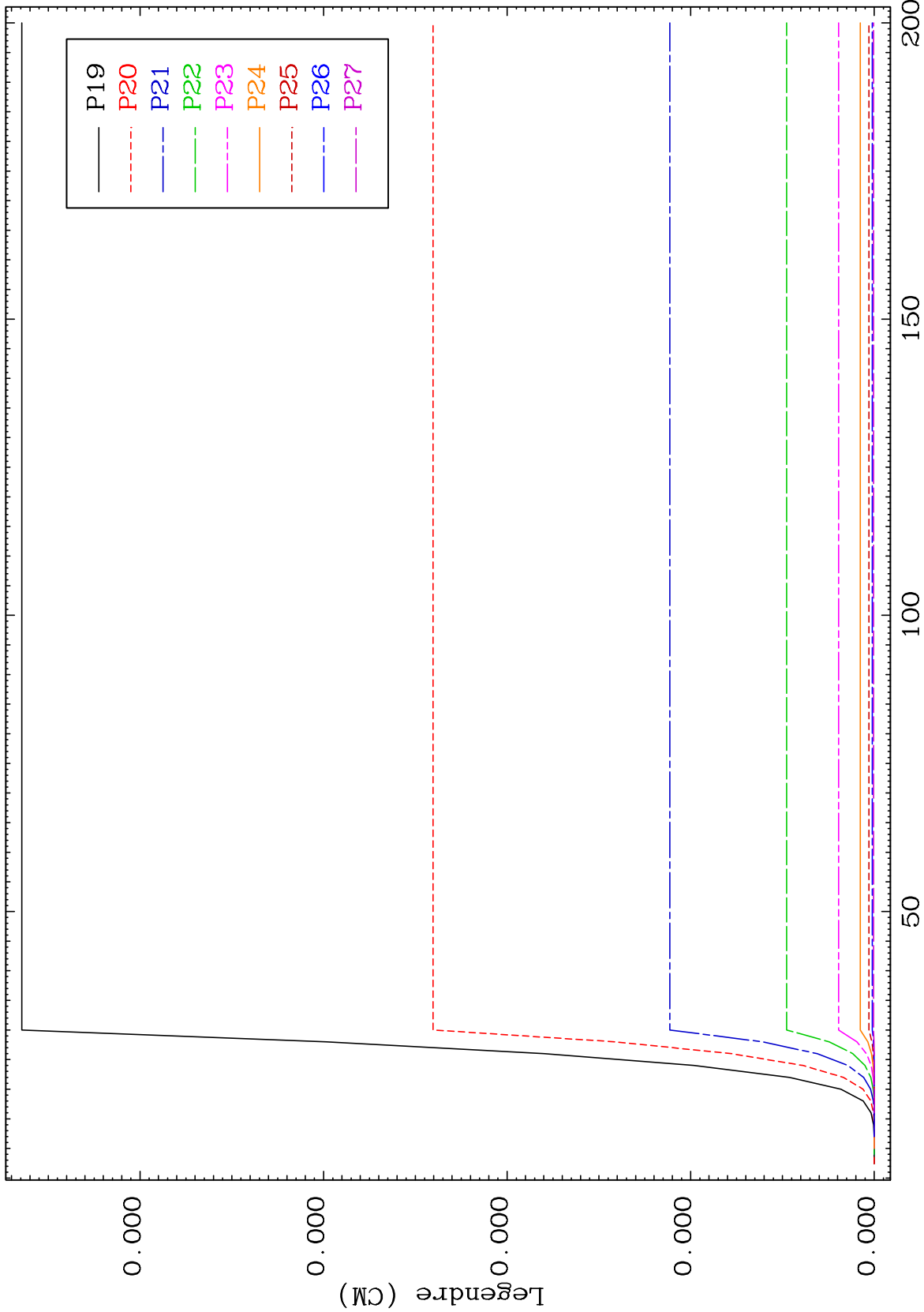
43-Tc-103

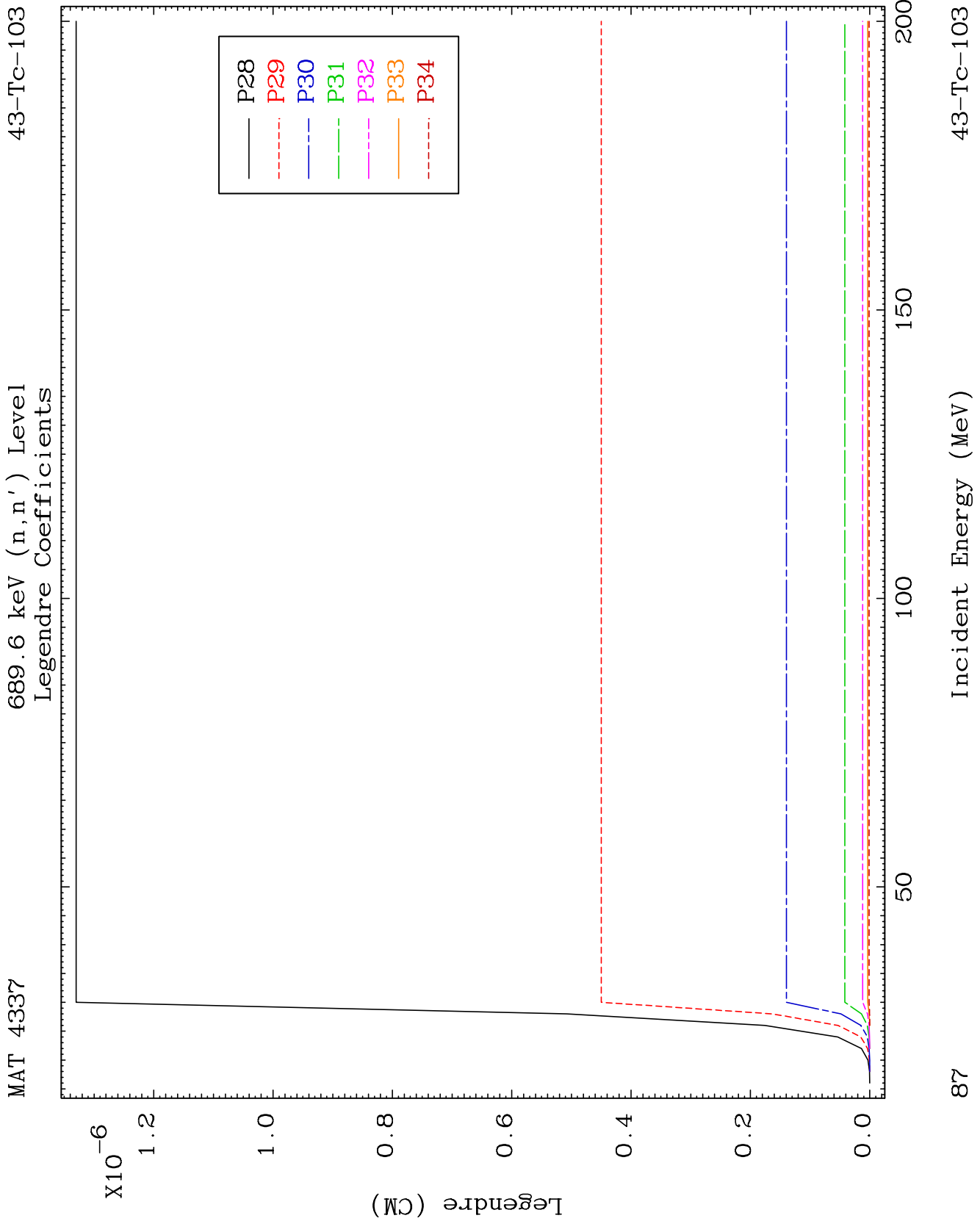


85

Incident Energy (MeV)

43-Tc-103

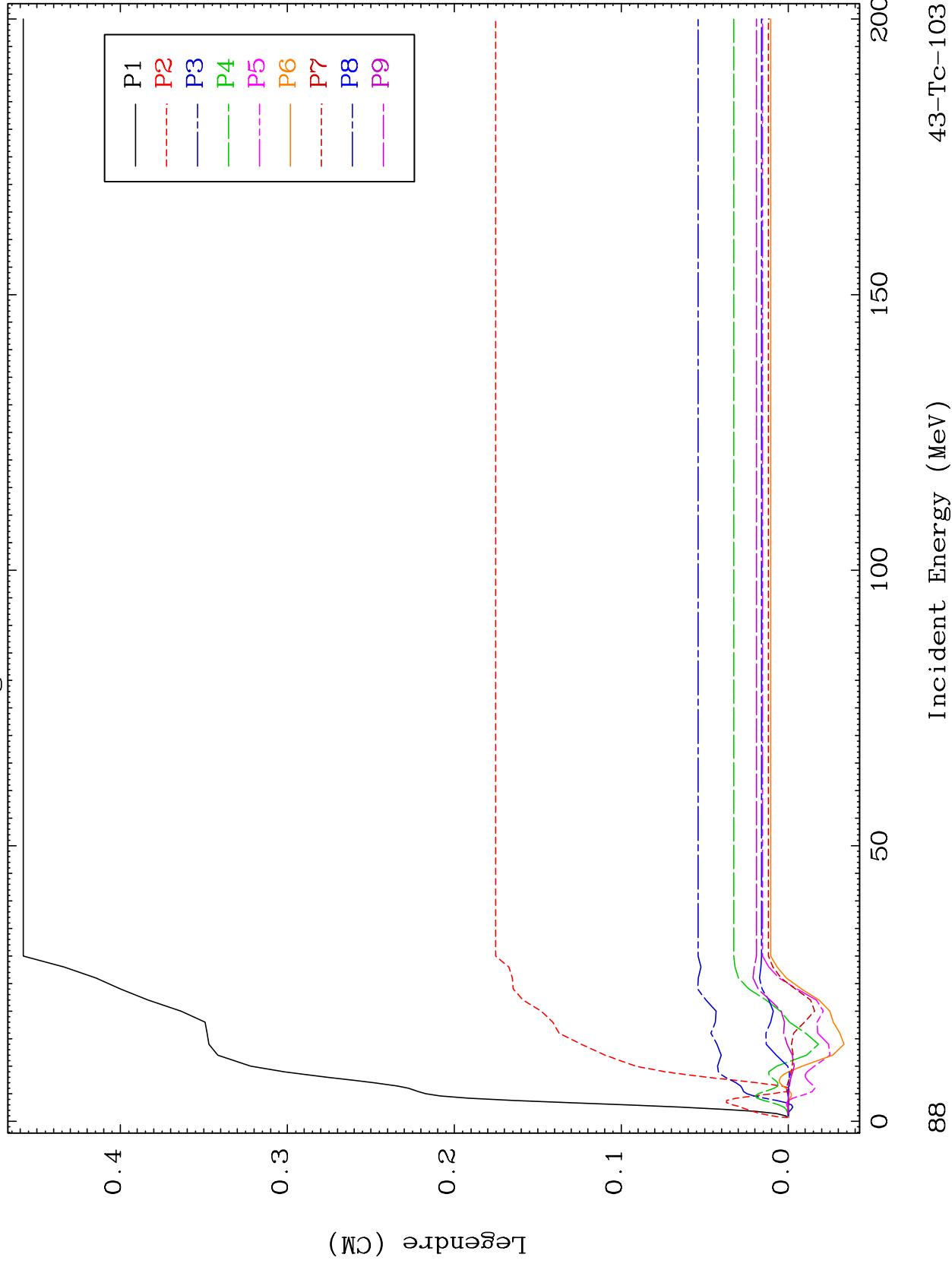




MAT 4337

691.6 keV (n,n') Level
Legendre Coefficients

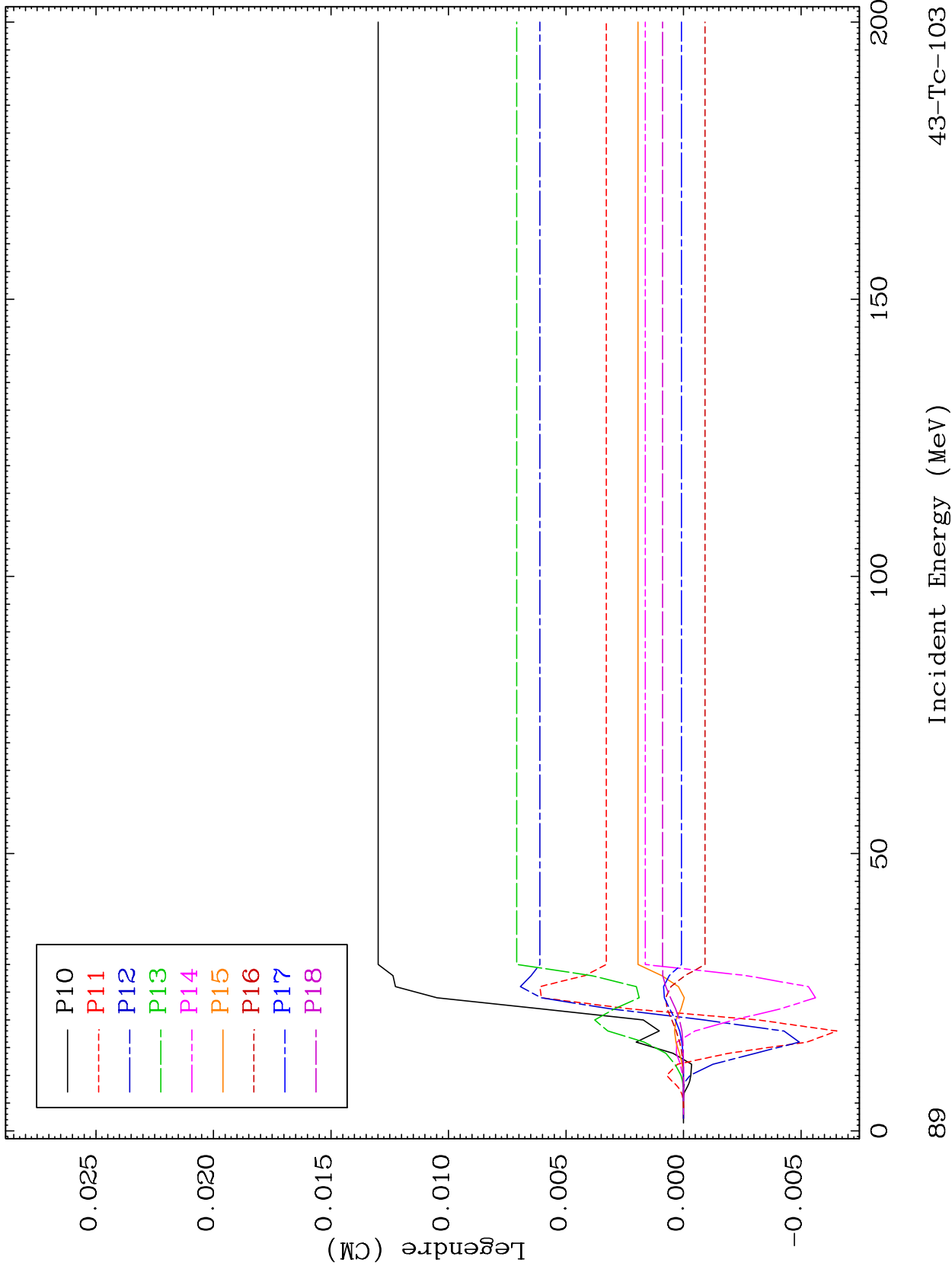
43-Tc-103



43-Tc-103

Incident Energy (MeV)

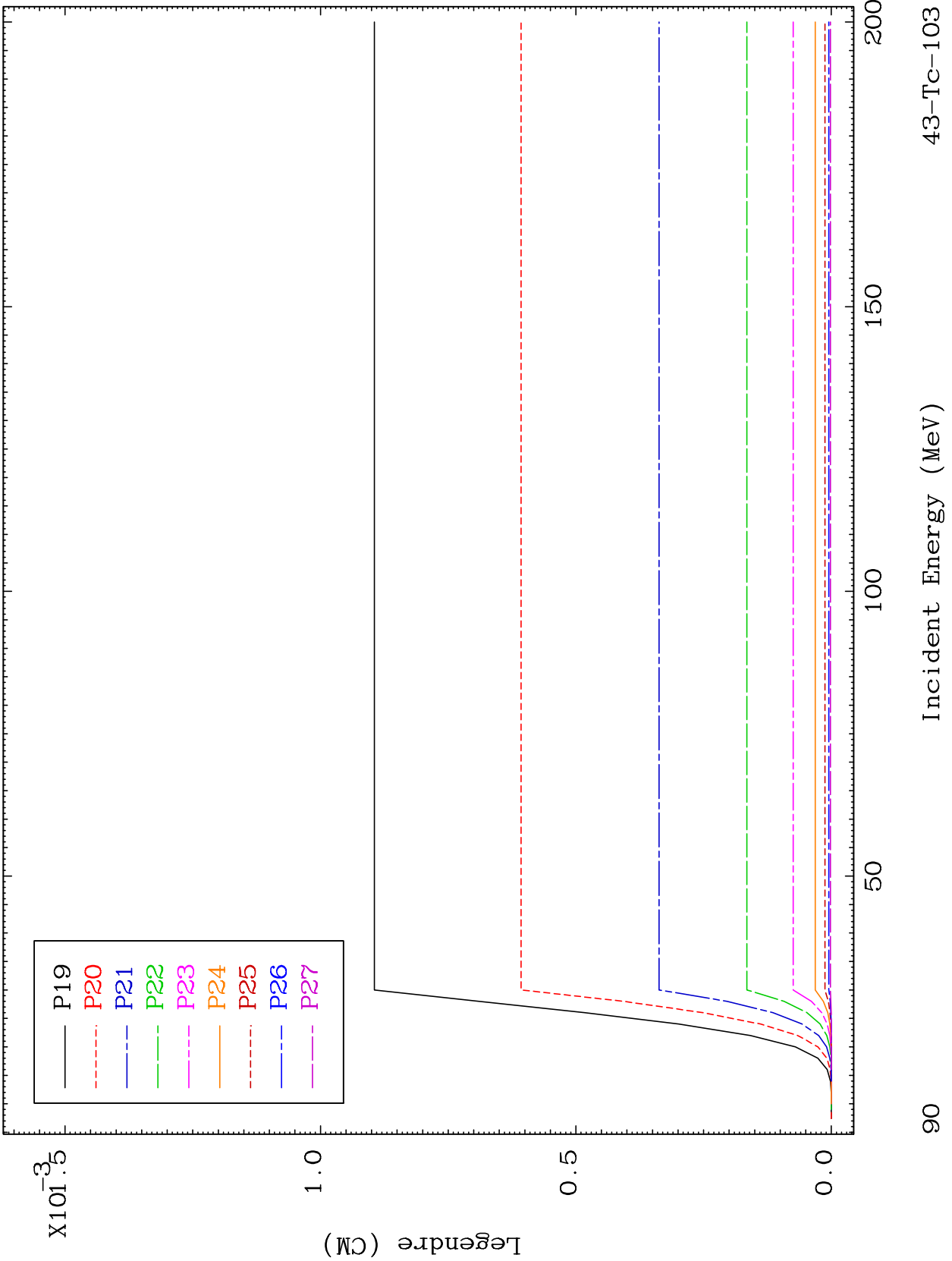
88



MAT 4337

691.6 keV (n,n') Level
Legendre Coefficients

43-Tc-103



90

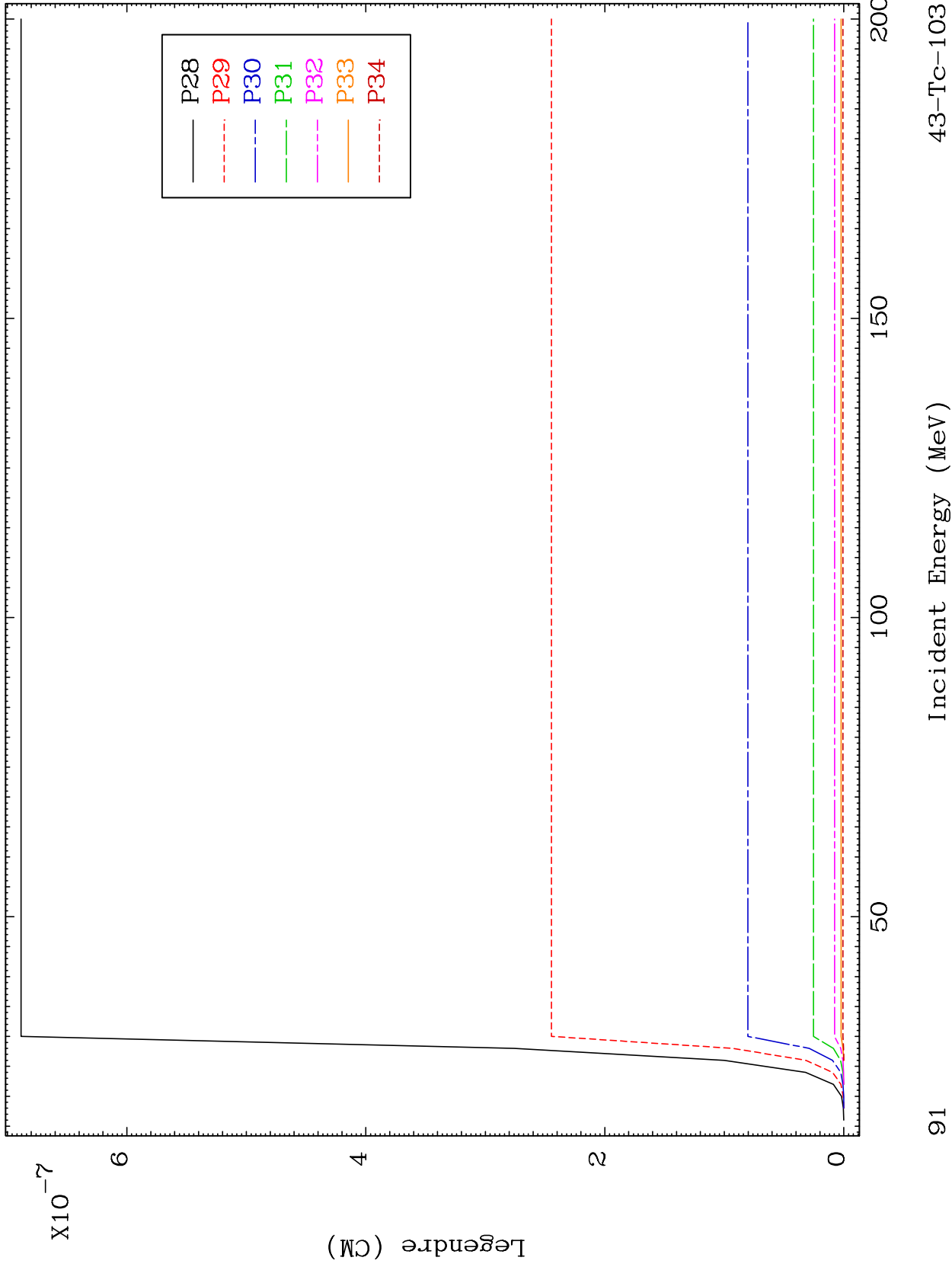
Incident Energy (MeV)

43-Tc-103

MAT 4337

691.6 keV (n,n') Level
Legendre Coefficients

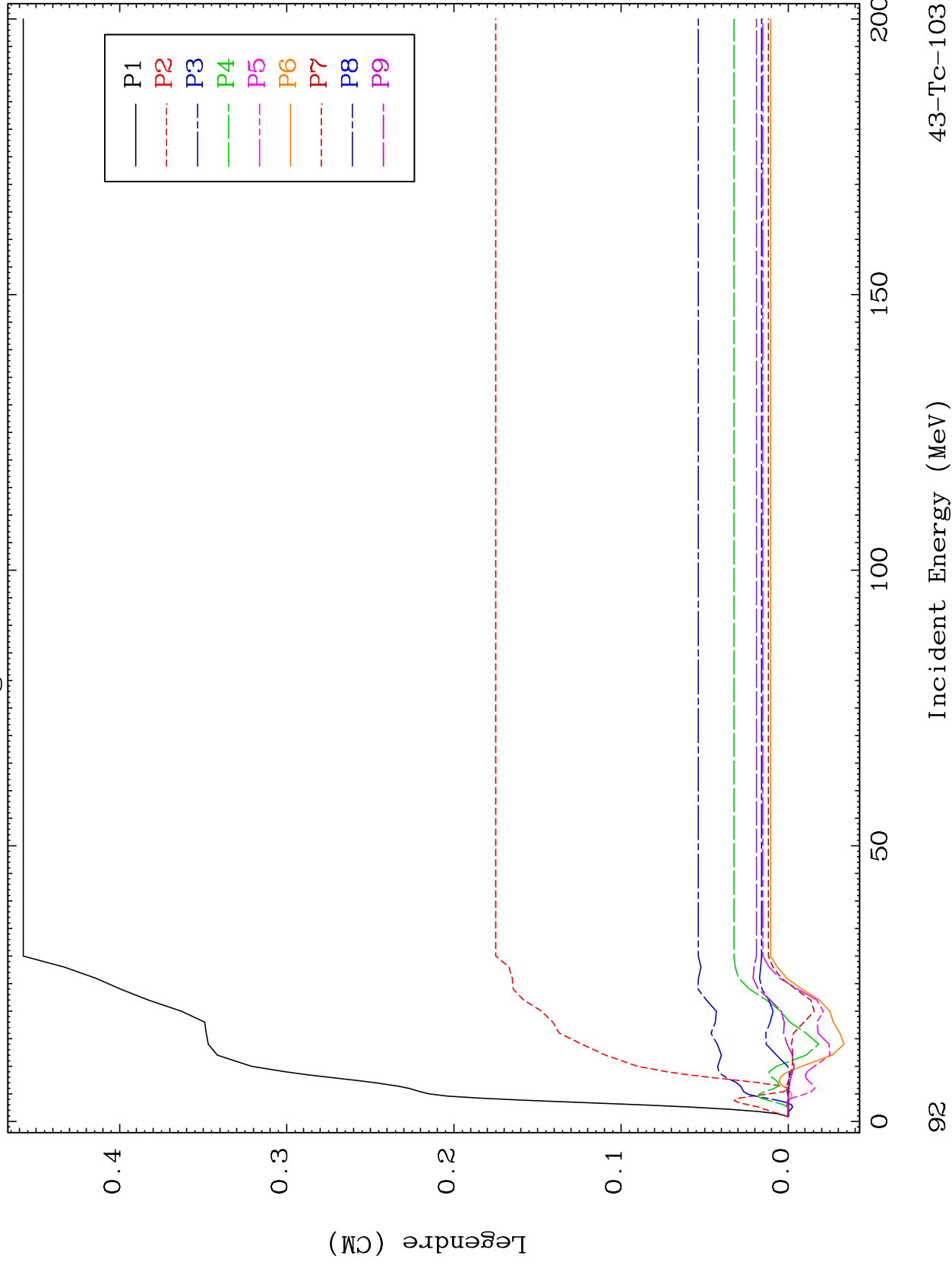
43-Tc-103



MAT 4337

779.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



43-Tc-103

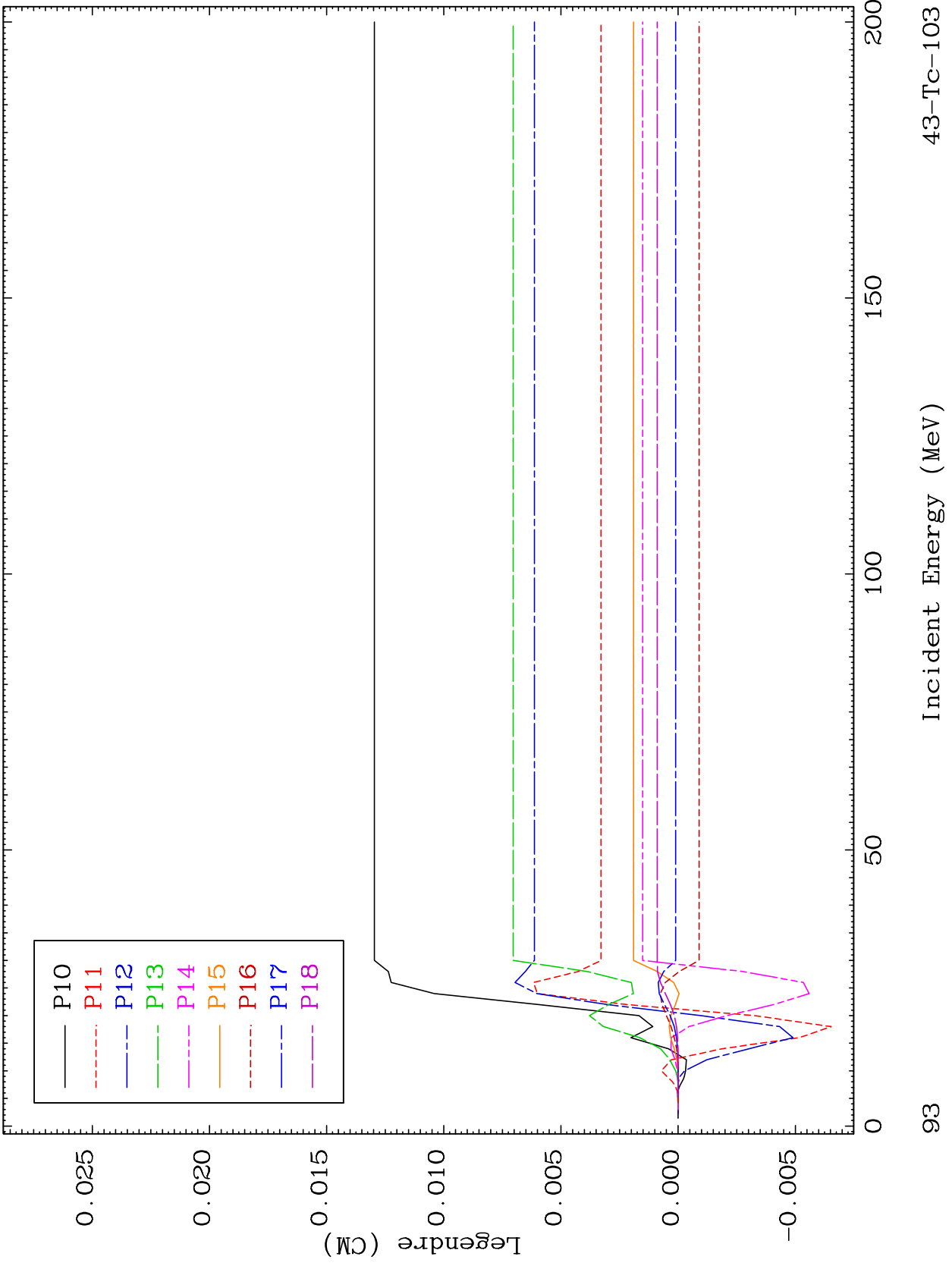
Incident Energy (MeV)

92

MAT 4337

779.0 keV (n,n') Level
Legendre Coefficients

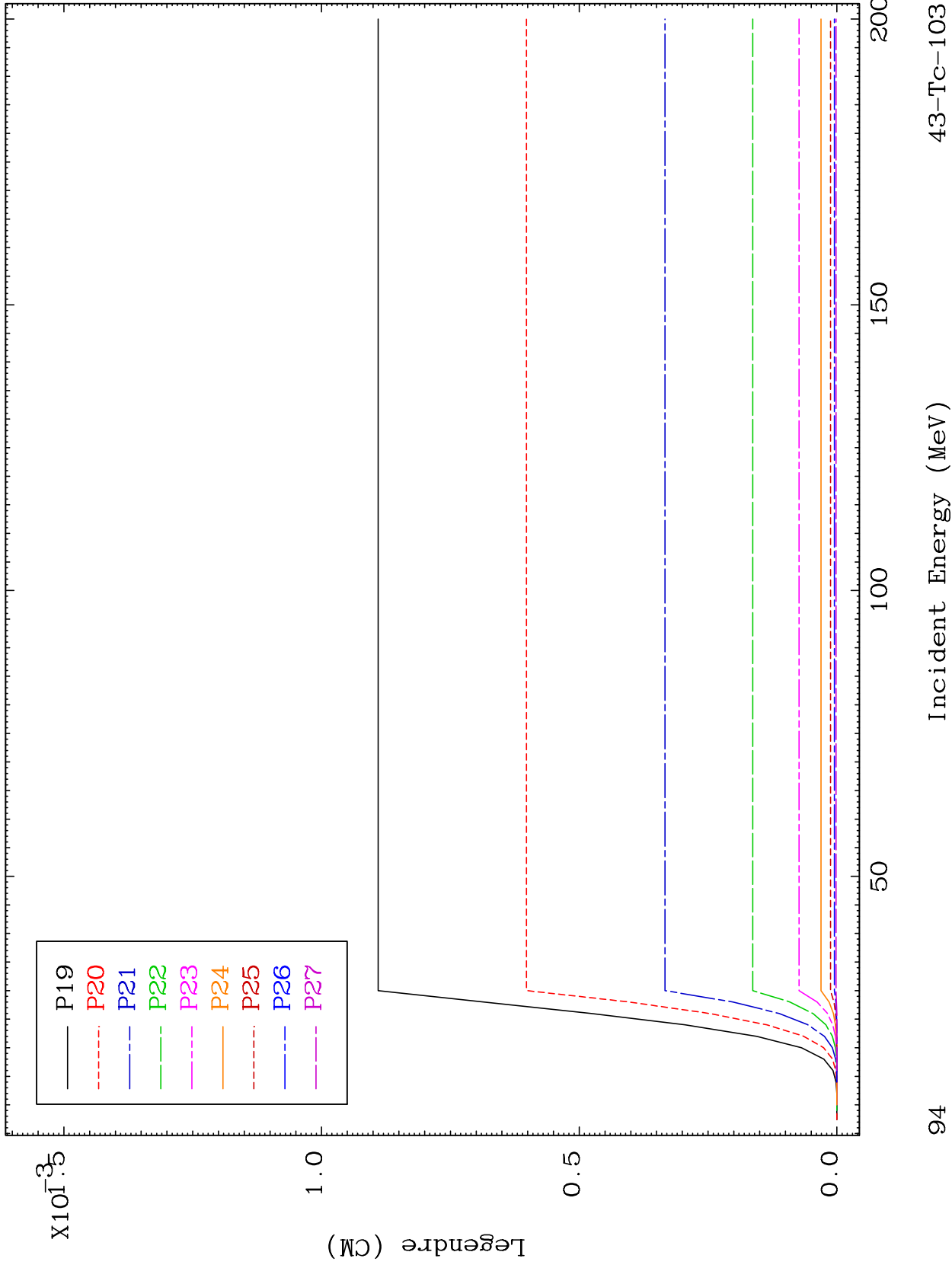
43-Tc-103



93

Incident Energy (MeV)

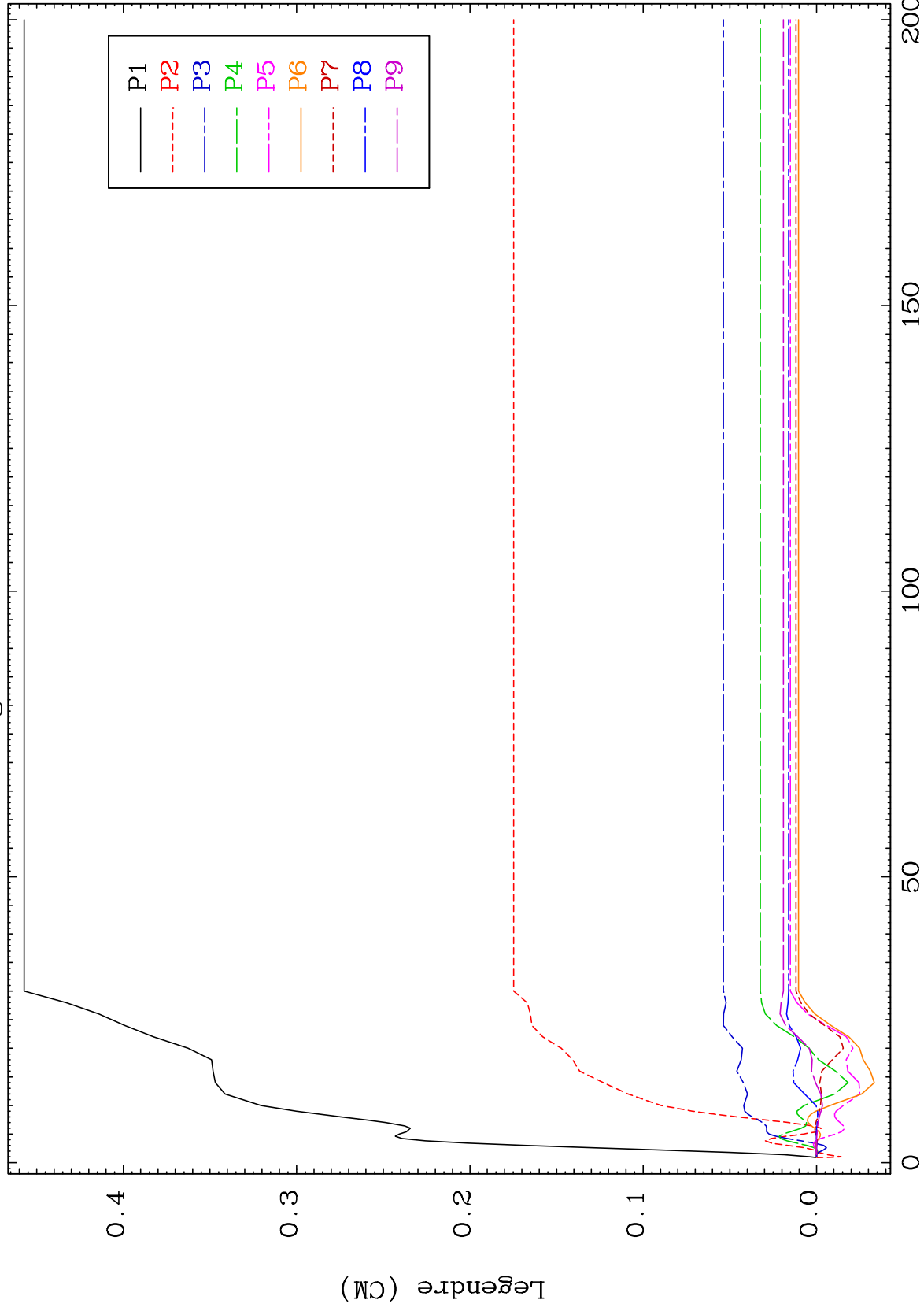
43-Tc-103



MAT 4337

848.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



96

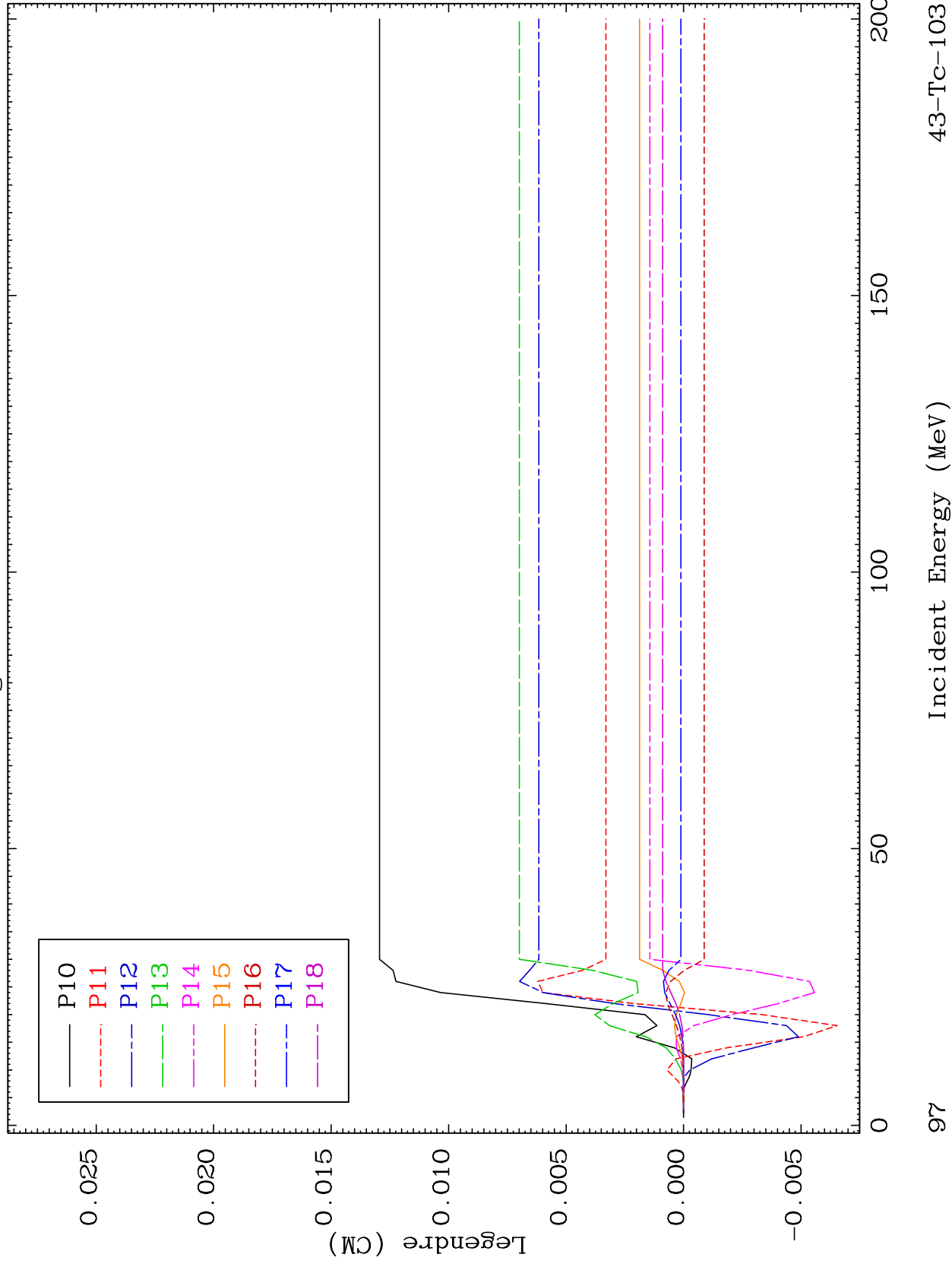
Incident Energy (MeV)

43-Tc-103

MAT 4337

848.0 keV (n, n') Level
Legendre Coefficients

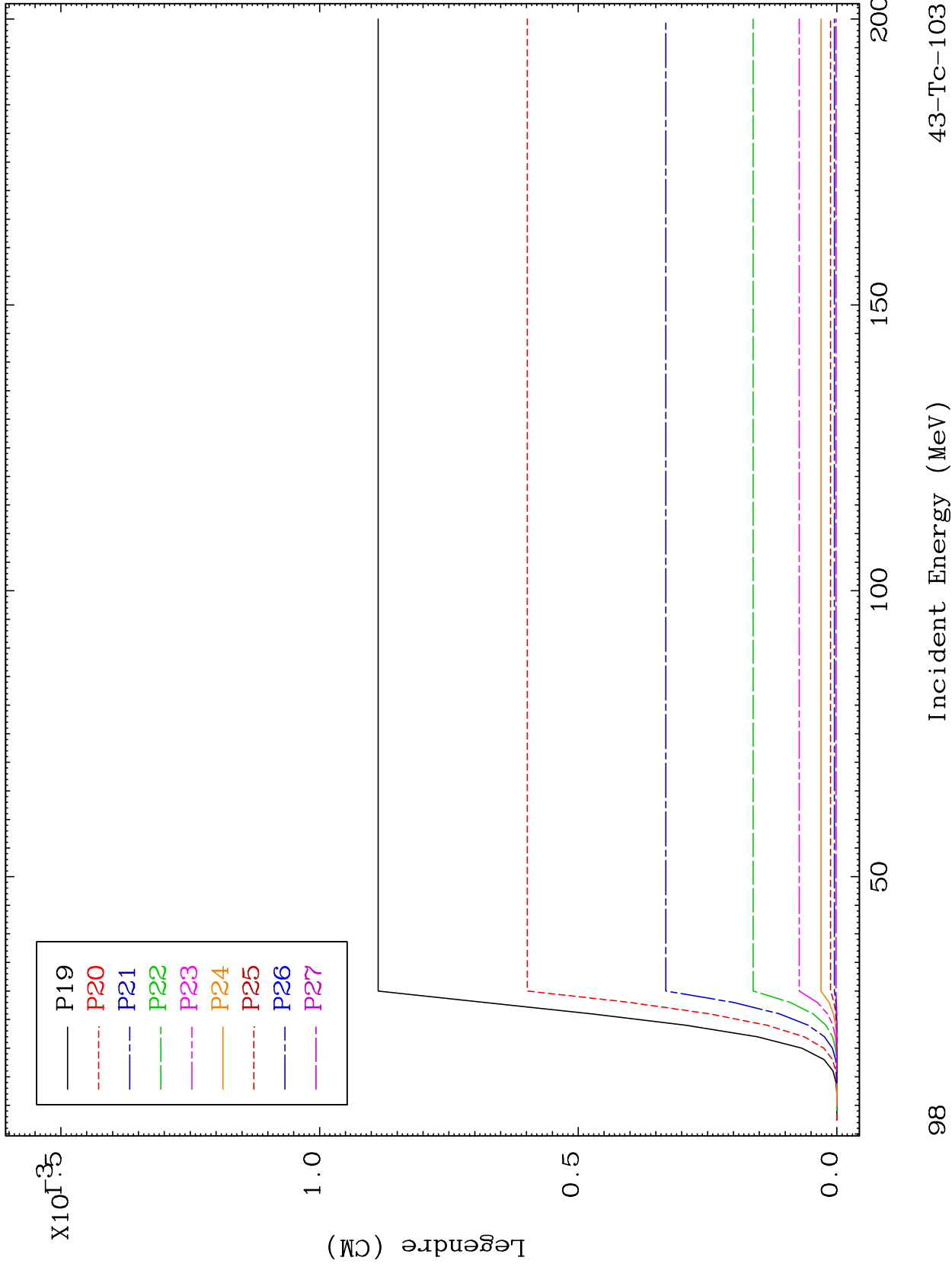
43-Tc-103



97

Incident Energy (MeV)

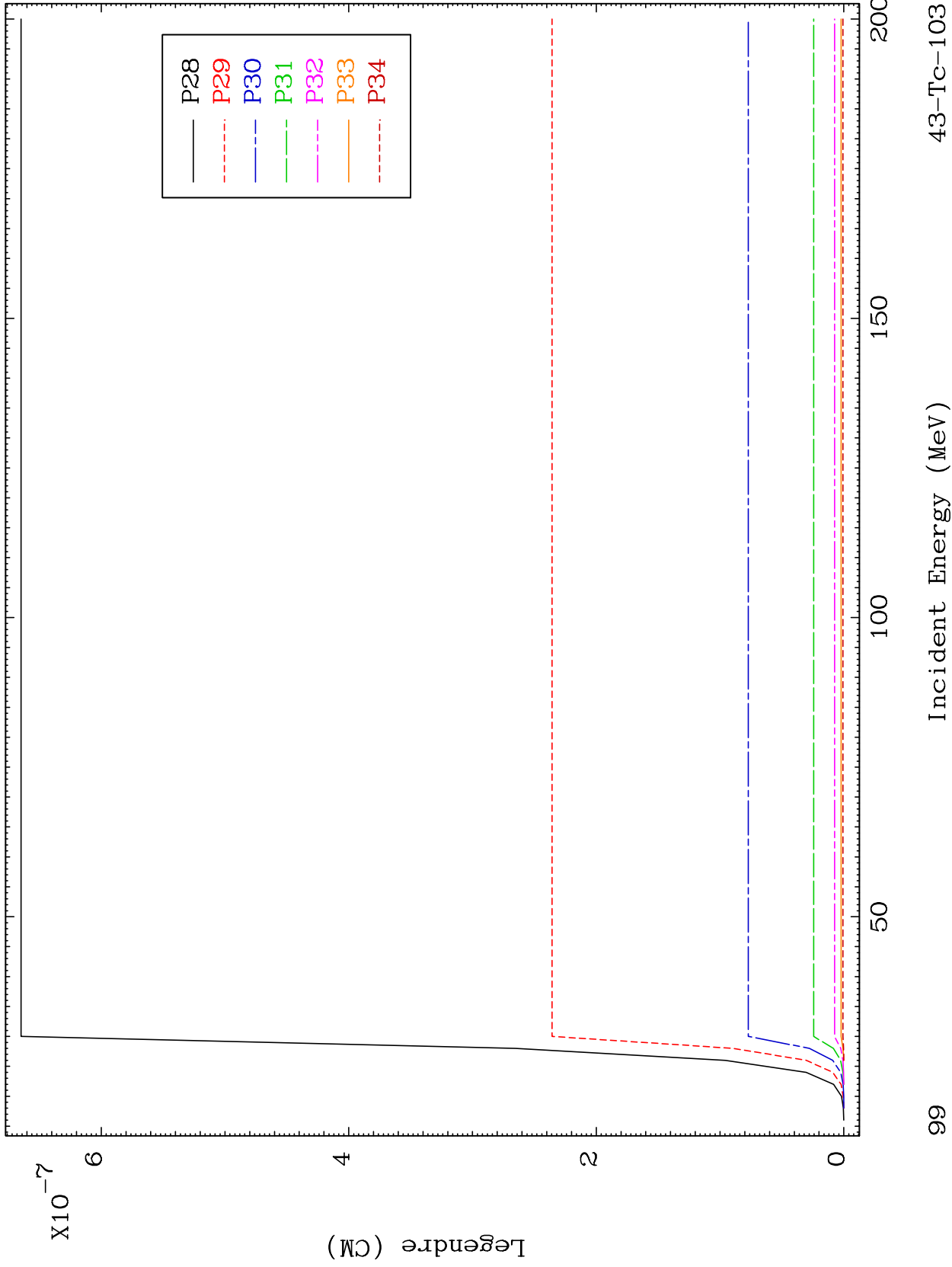
43-Tc-103



MAT 4337

848.0 keV (n,n') Level
Legendre Coefficients

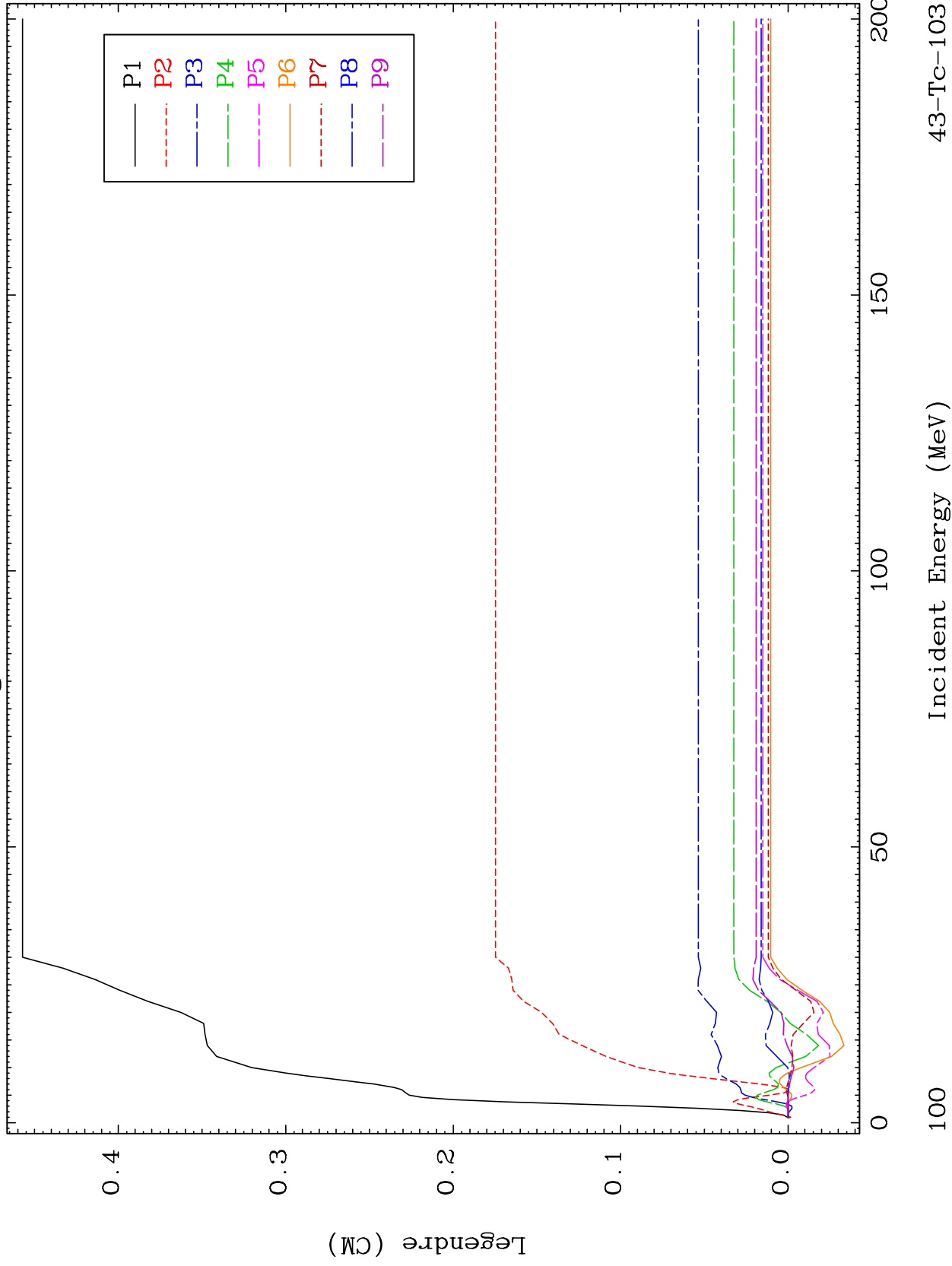
43-Tc-103



MAT 4337

859.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103

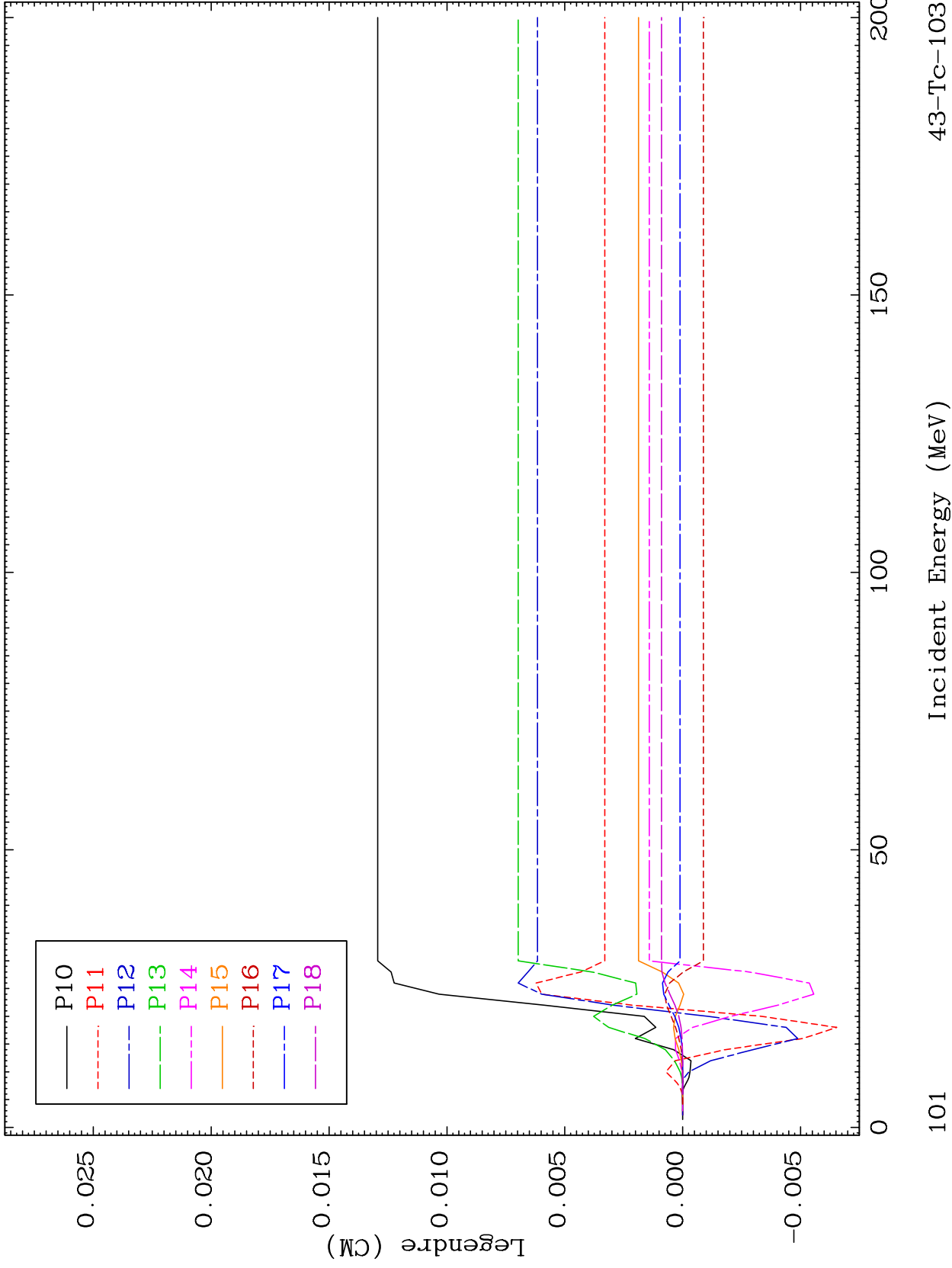


43-Tc-103

MAT 4337

859.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



101

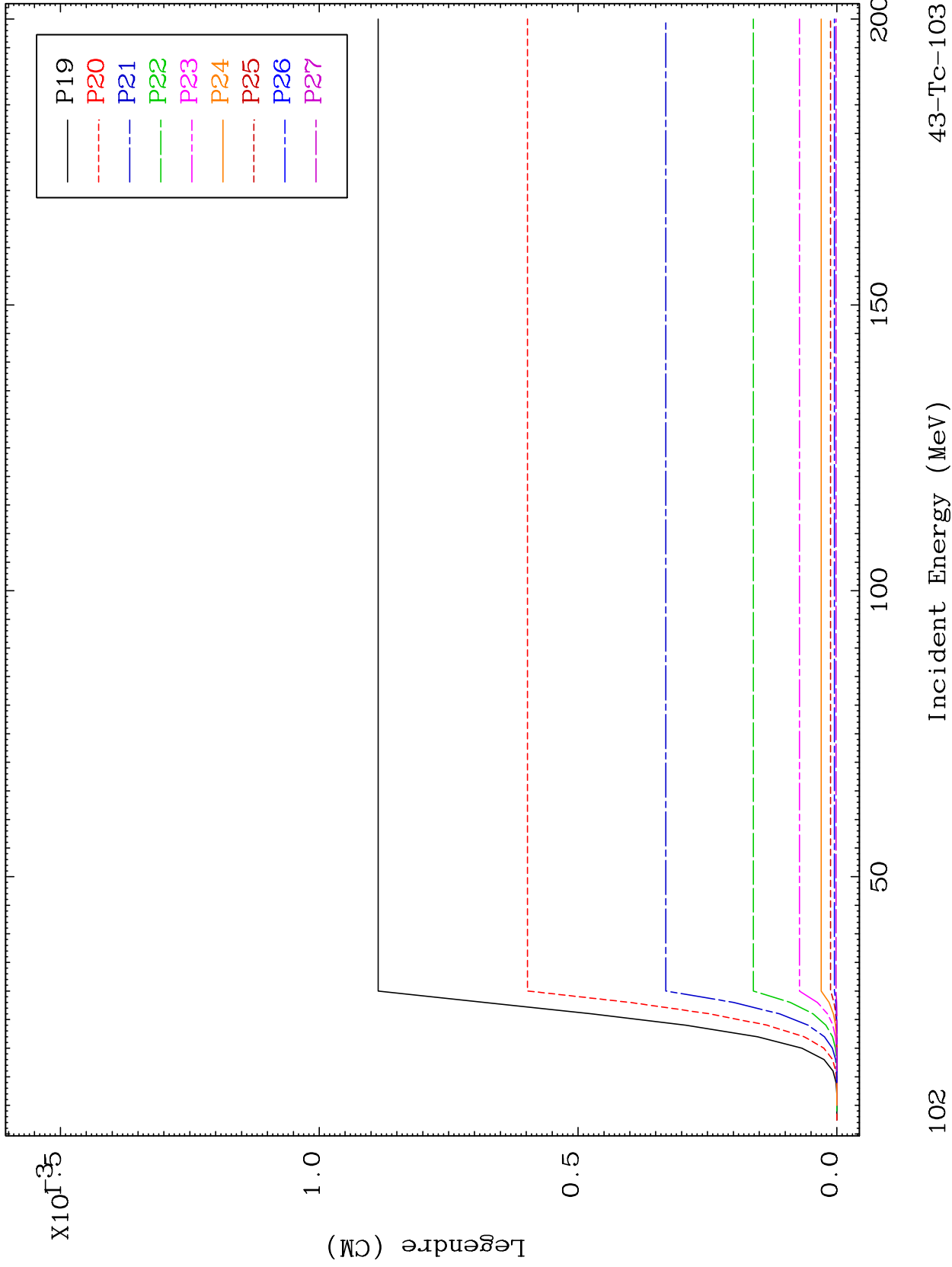
Incident Energy (MeV)

43-Tc-103

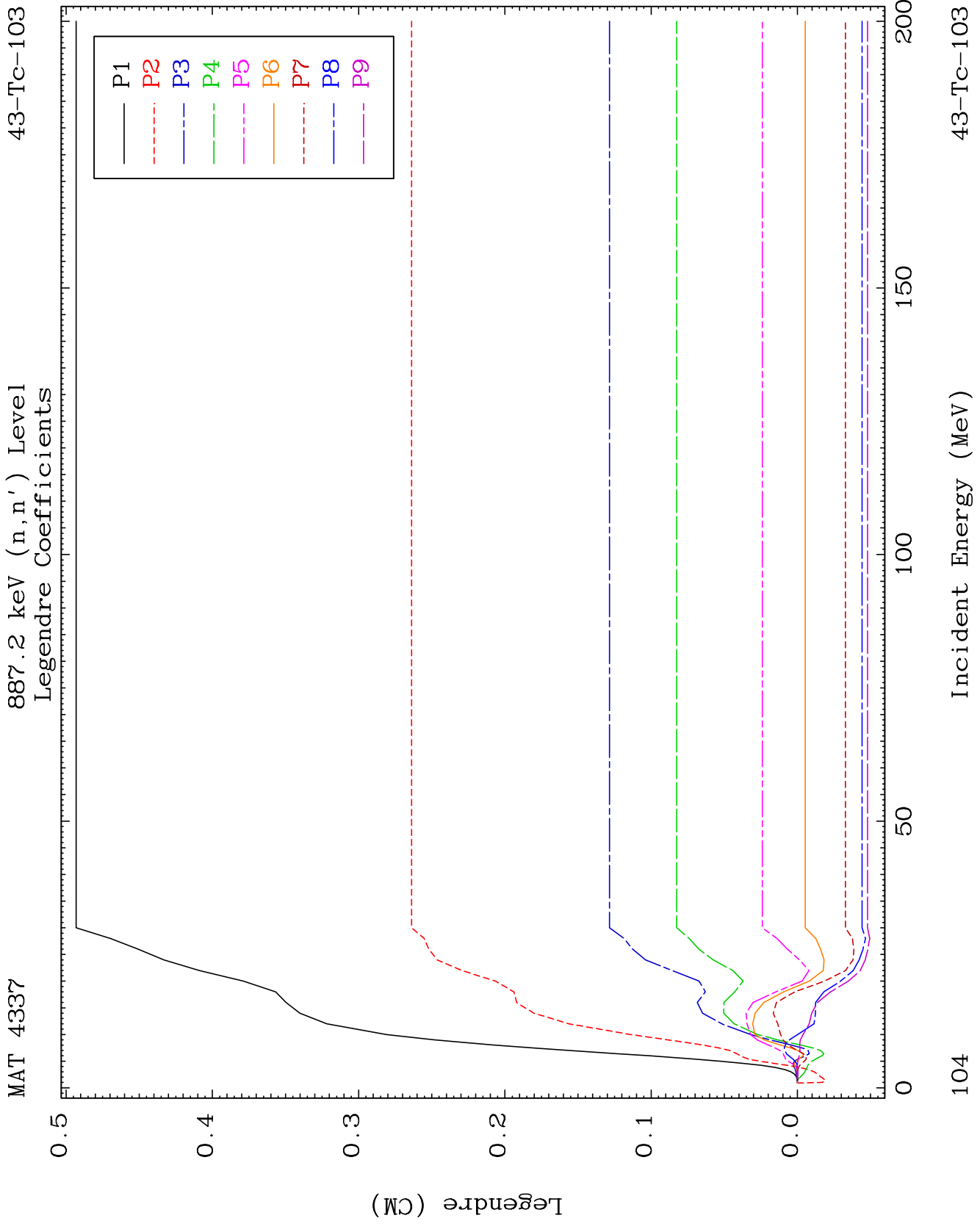
MAT 4337

859.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



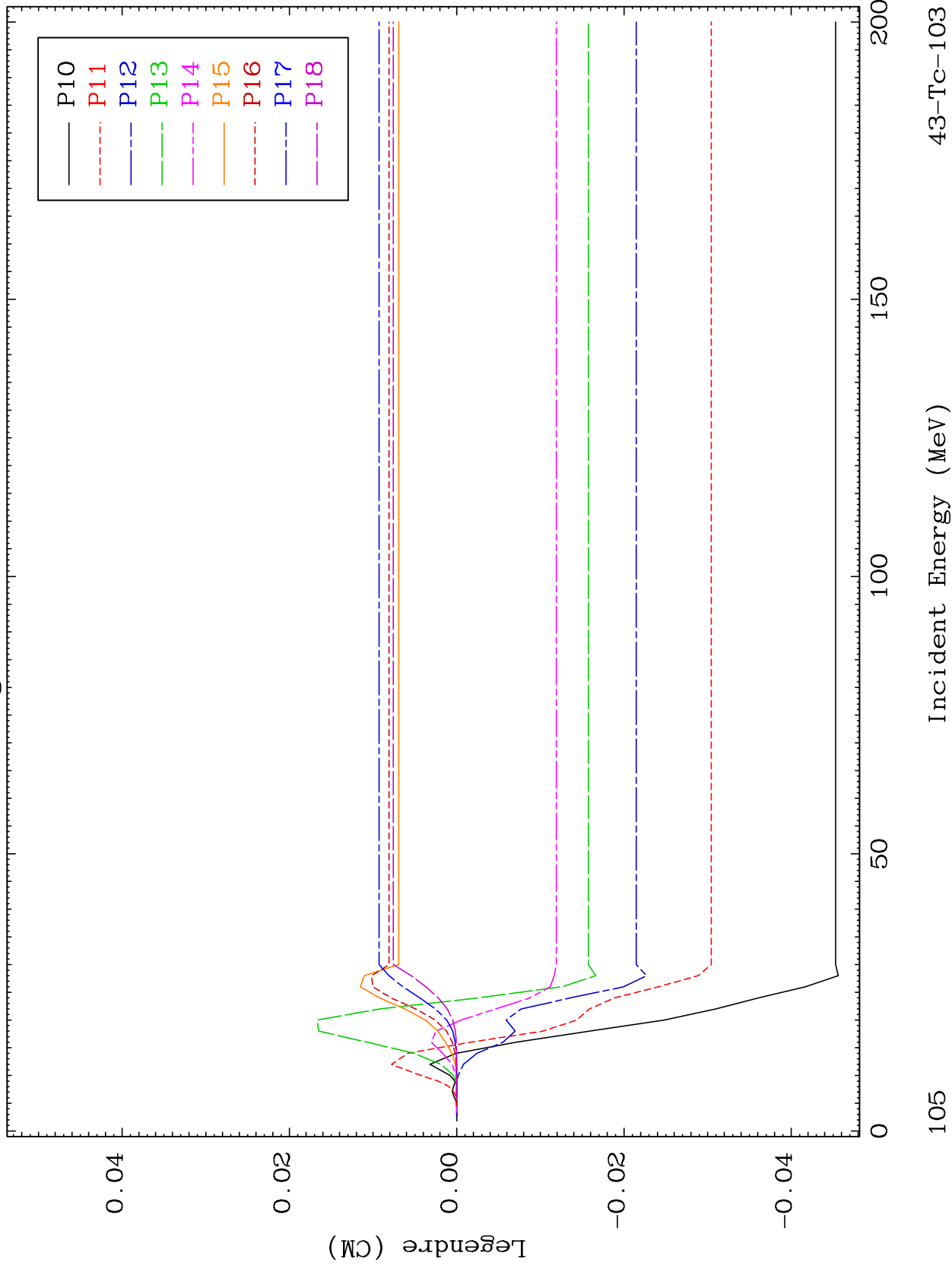
102



MAT 4337

887.2 keV (n,n') Level
Legendre Coefficients

43-Tc-103



43-Tc-103

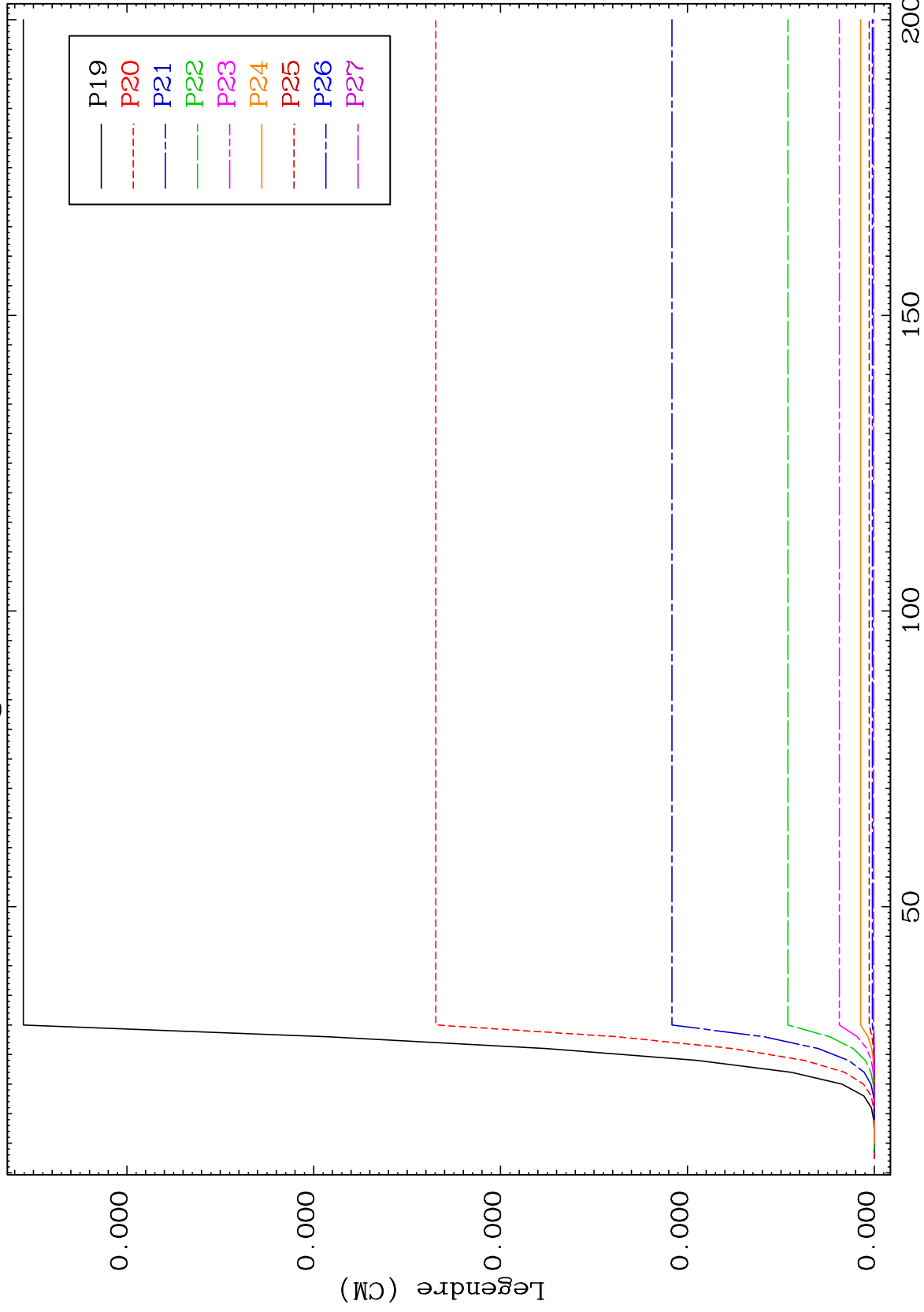
Incident Energy (MeV)

105

MAT 4337

887.2 keV (n,n') Level
Legendre Coefficients

43-Tc-103



106

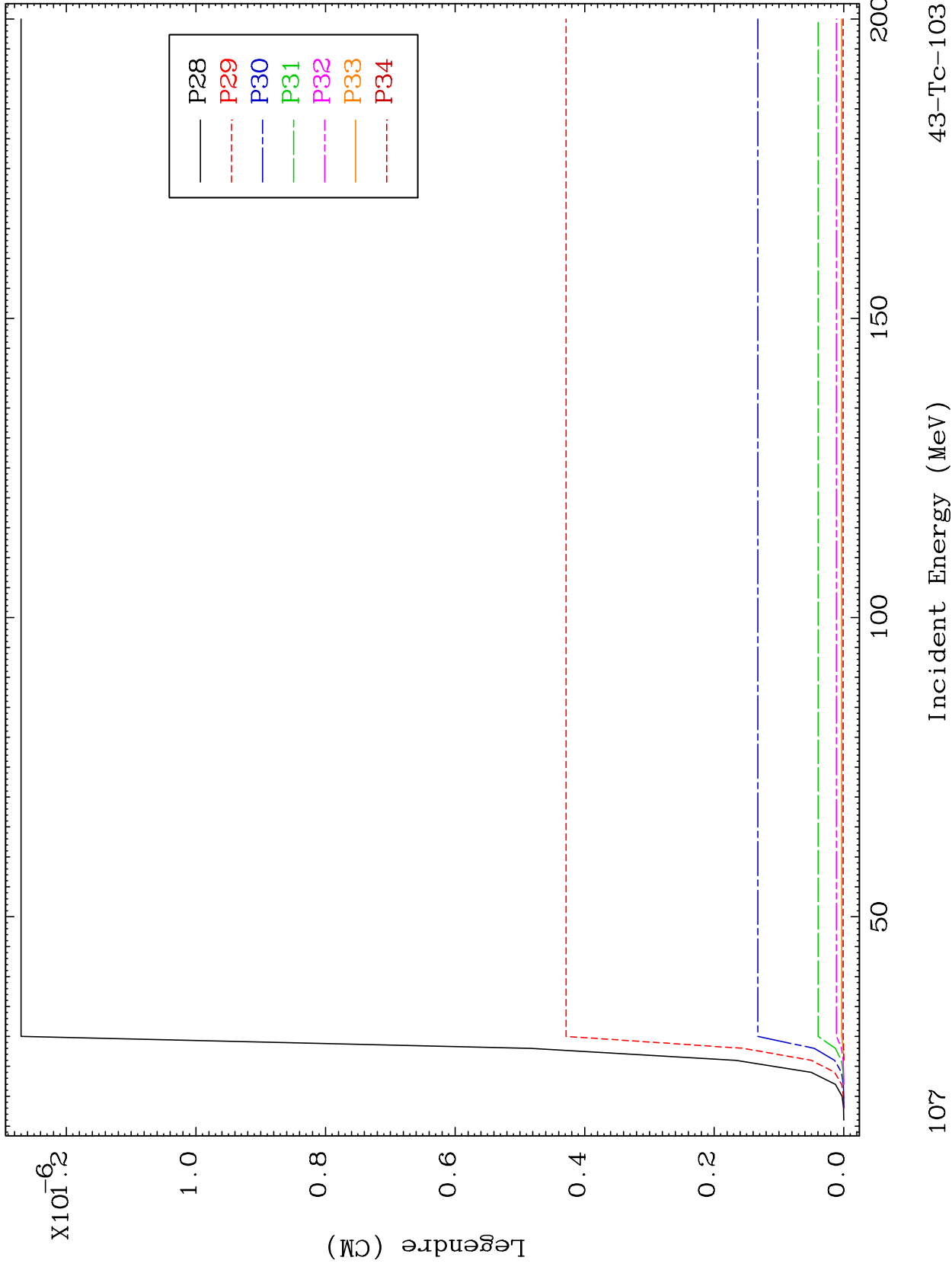
Incident Energy (MeV)

43-Tc-103

MAT 4337

887.2 keV (n,n') Level
Legendre Coefficients

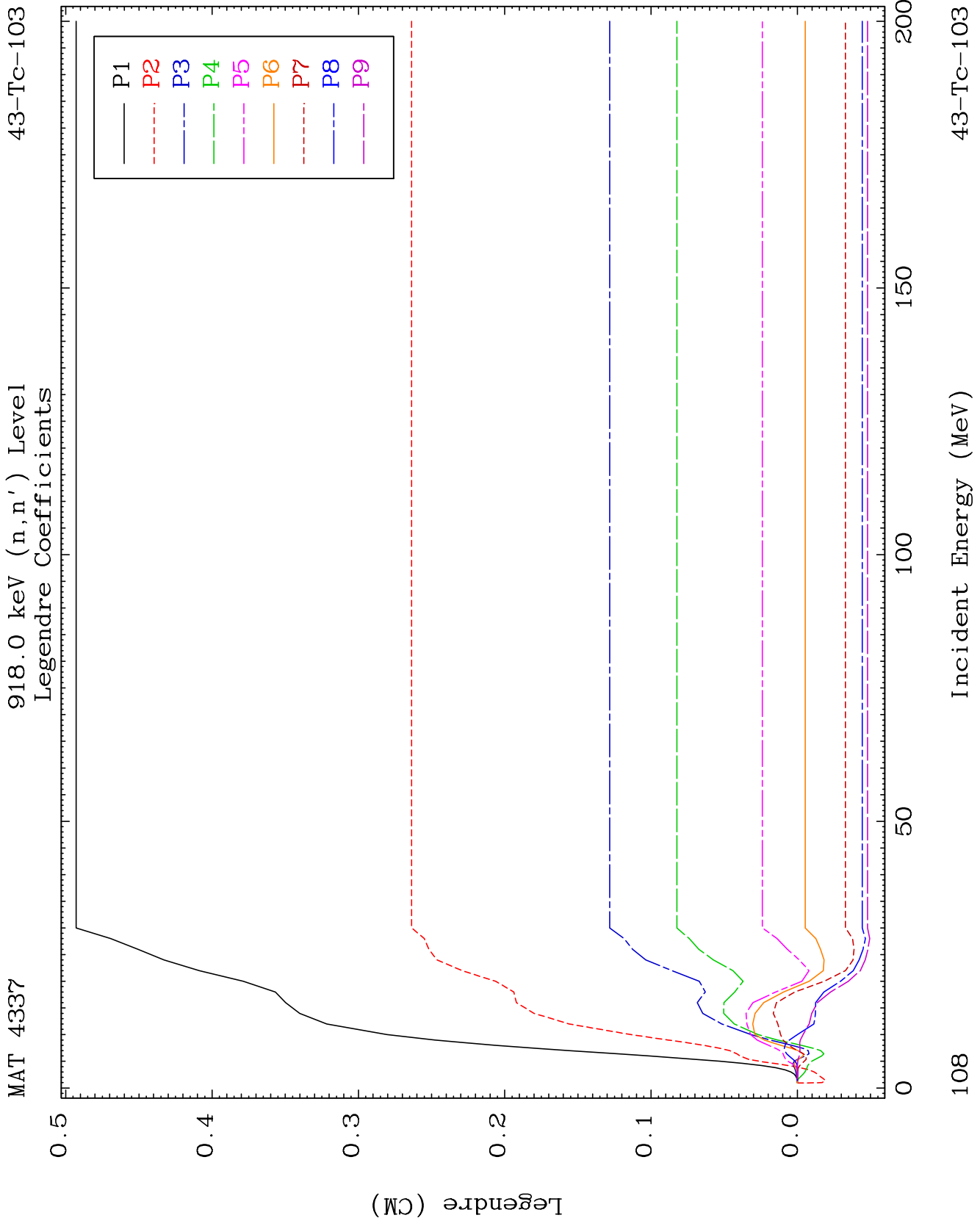
43-Tc-103



107

Incident Energy (MeV)

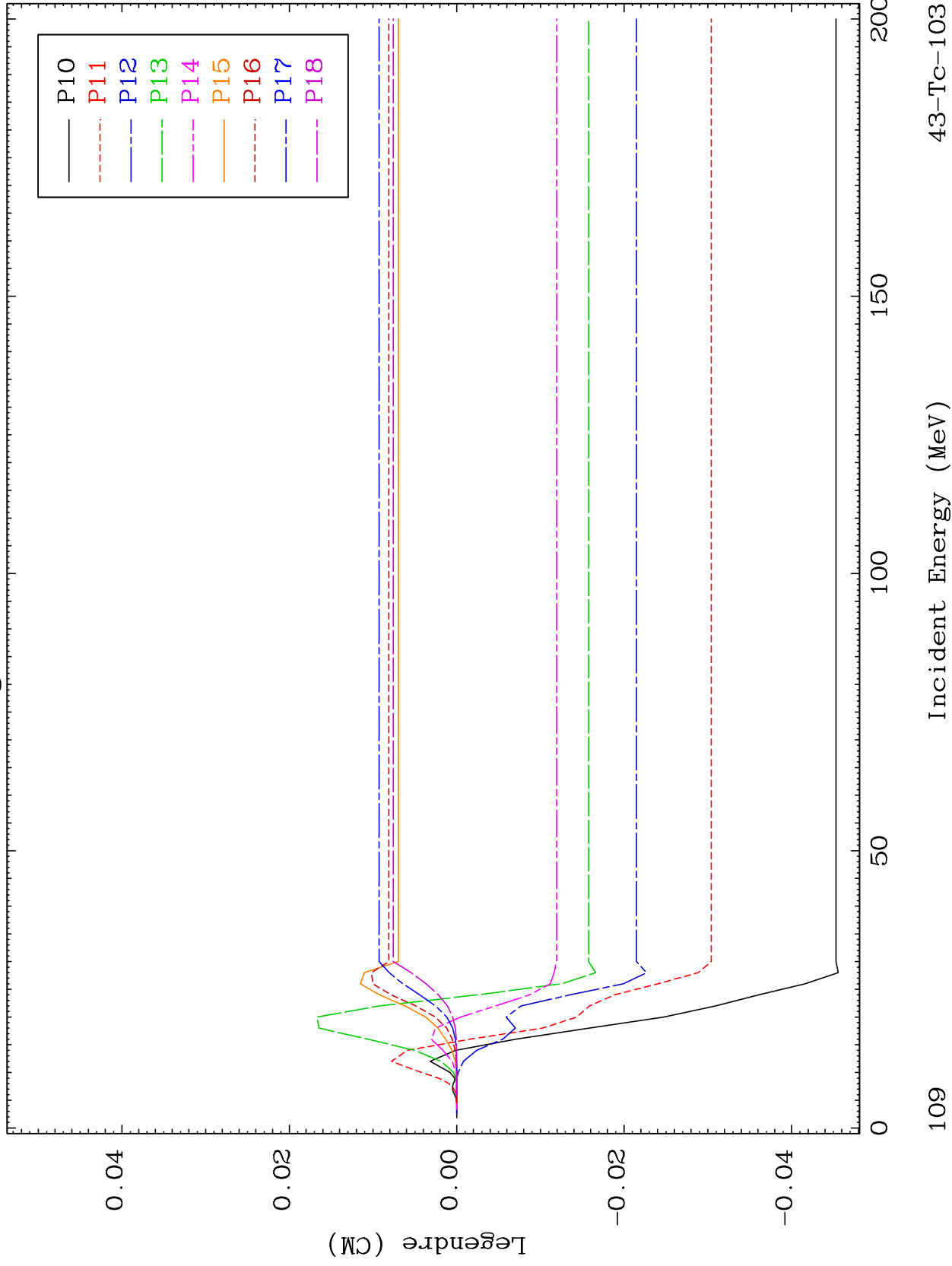
43-Tc-103



MAT 4337

918.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



109

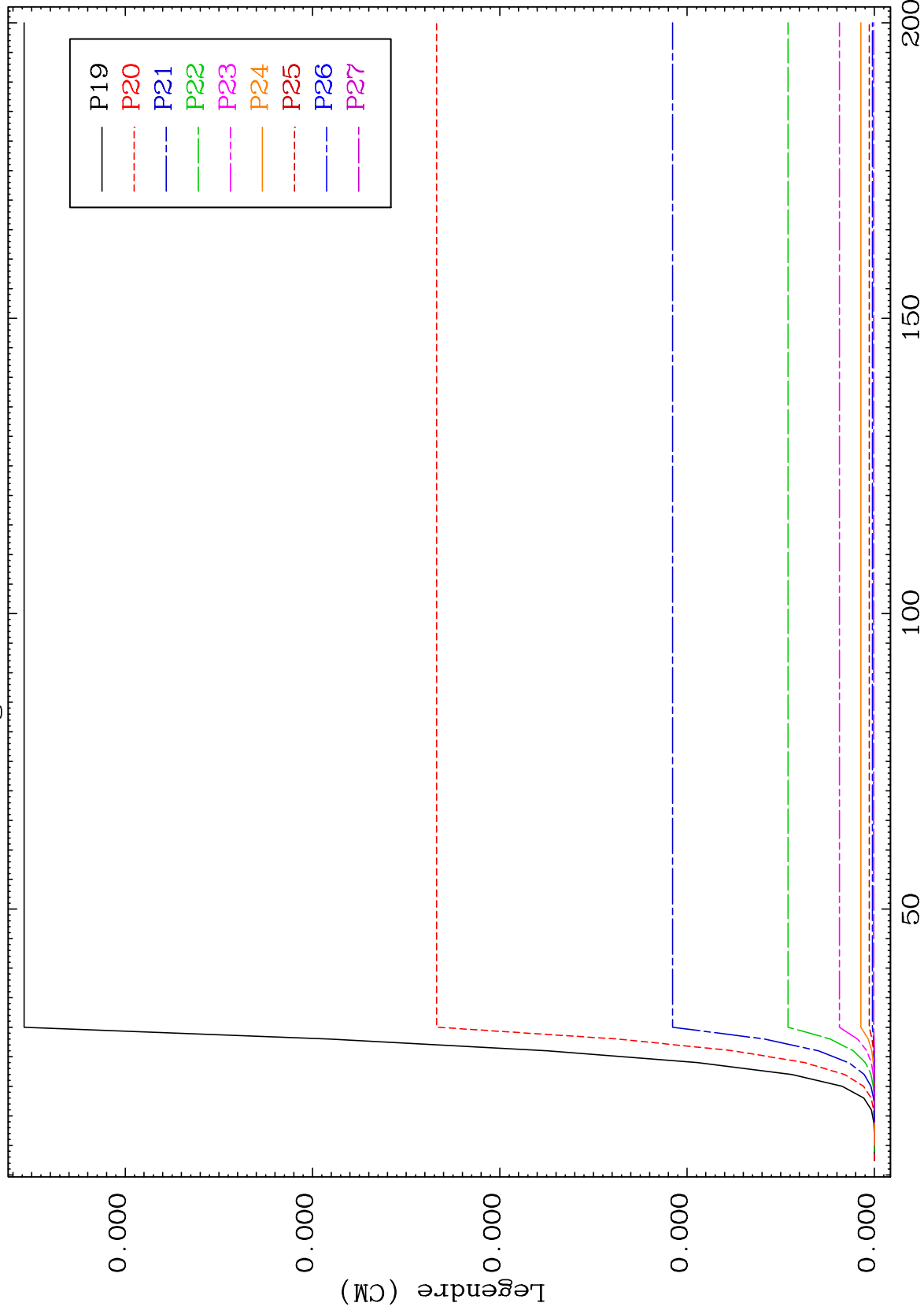
Incident Energy (MeV)

43-Tc-103

MAT 4337

918.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



110

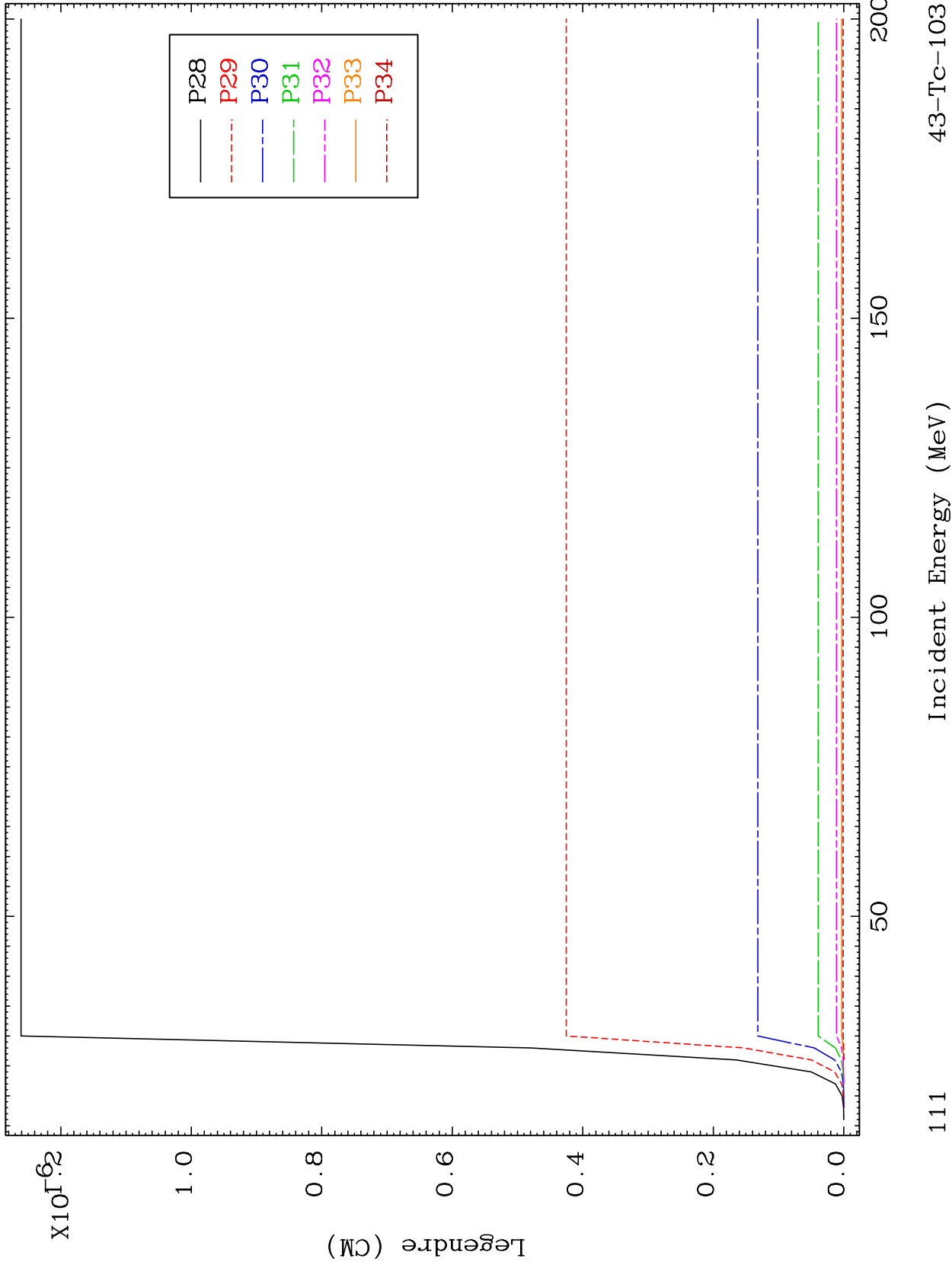
Incident Energy (MeV)

43-Tc-103

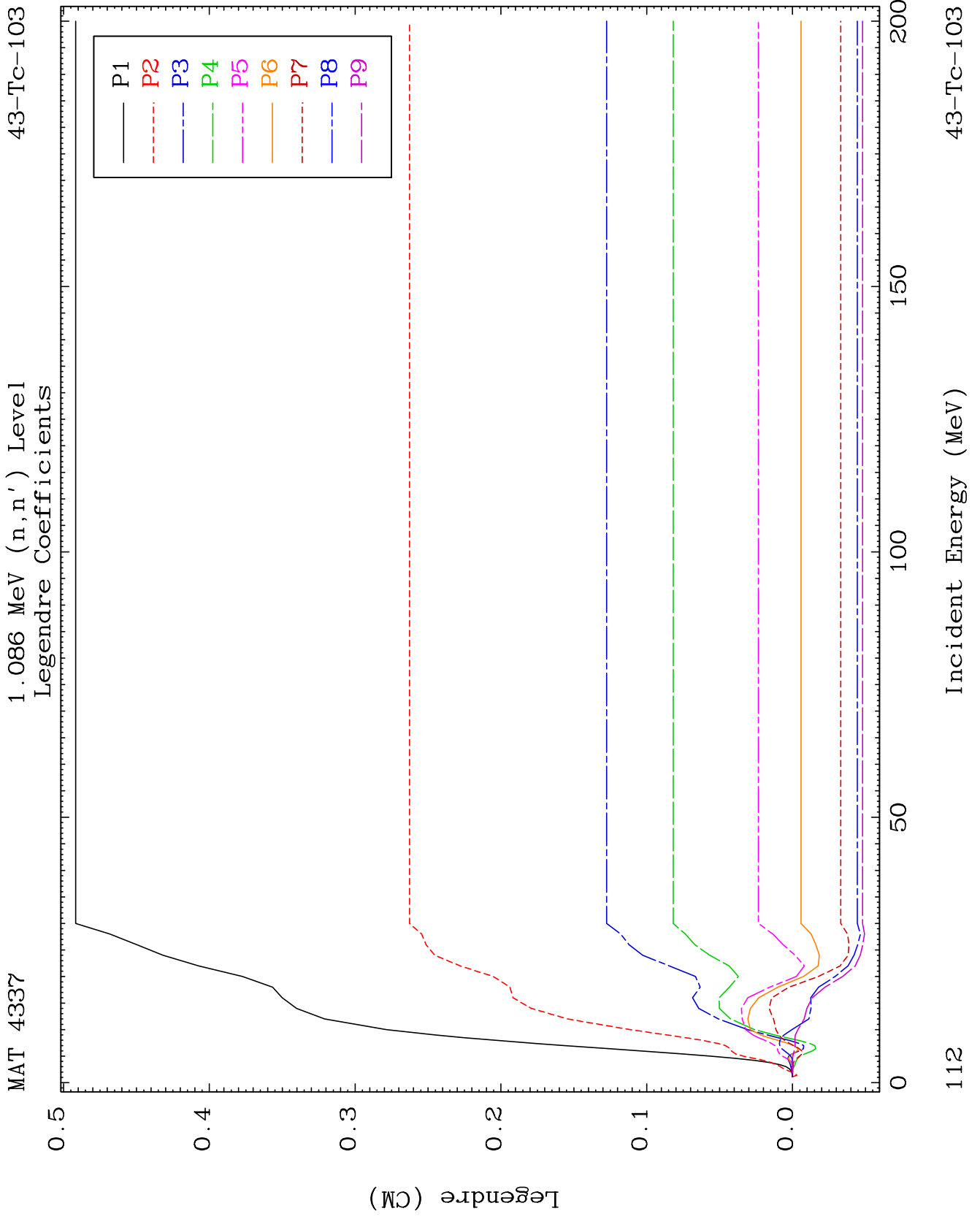
MAT 4337

918.0 keV (n,n') Level
Legendre Coefficients

43-Tc-103



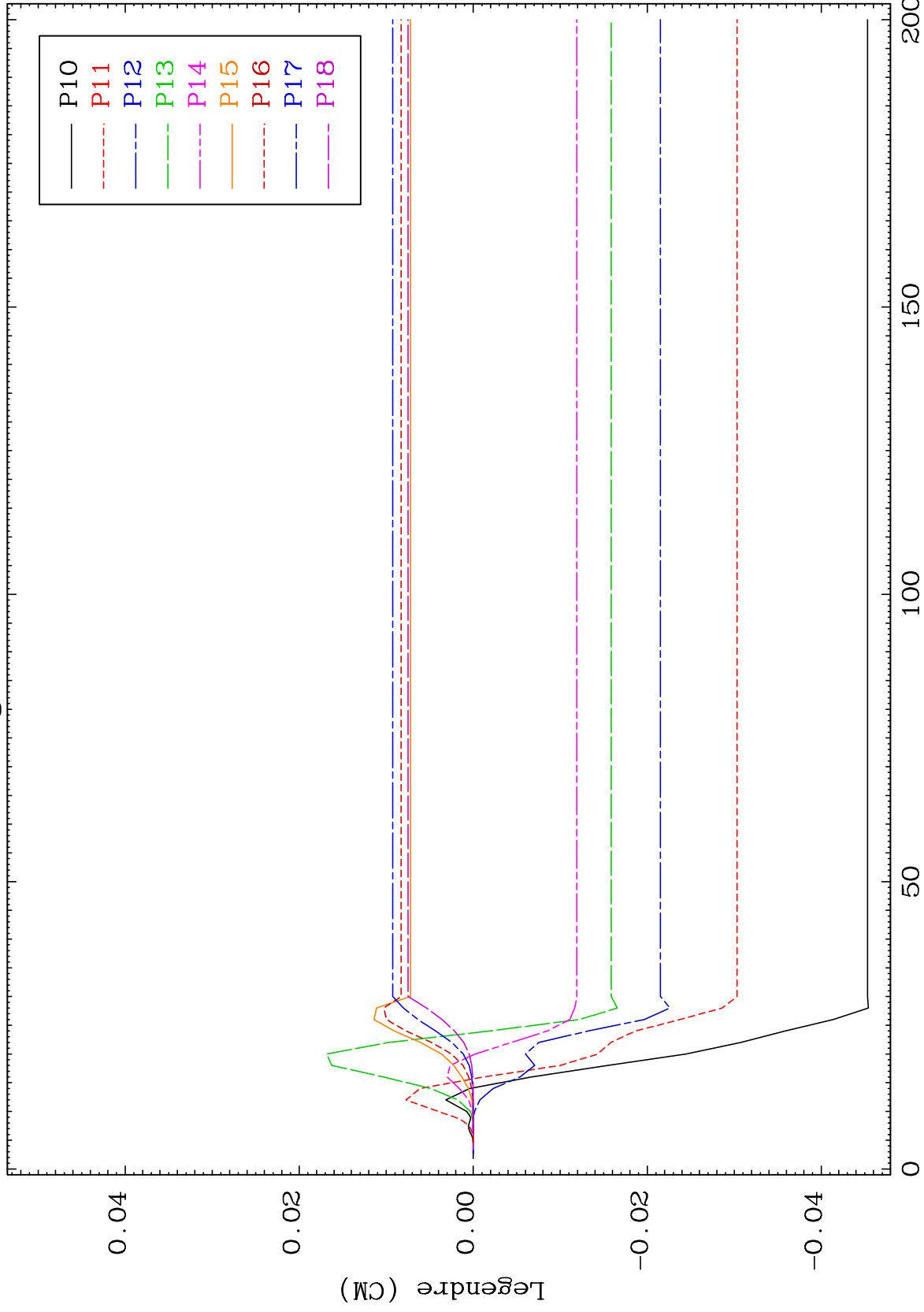
111



MAT 4337

1.086 MeV (n,n') Level
Legendre Coefficients

43-Tc-103



113

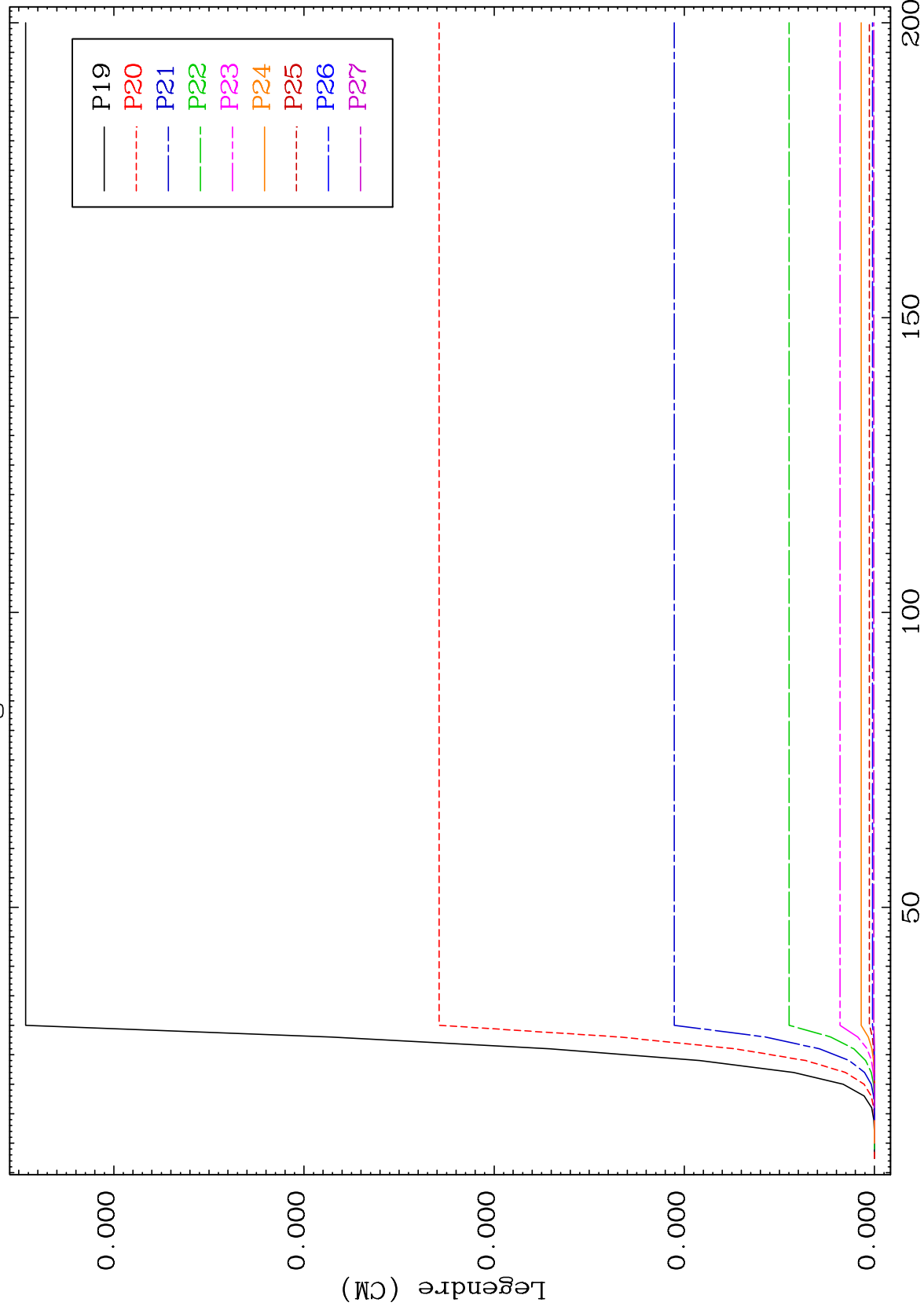
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.086 MeV (n,n') Level
Legendre Coefficients

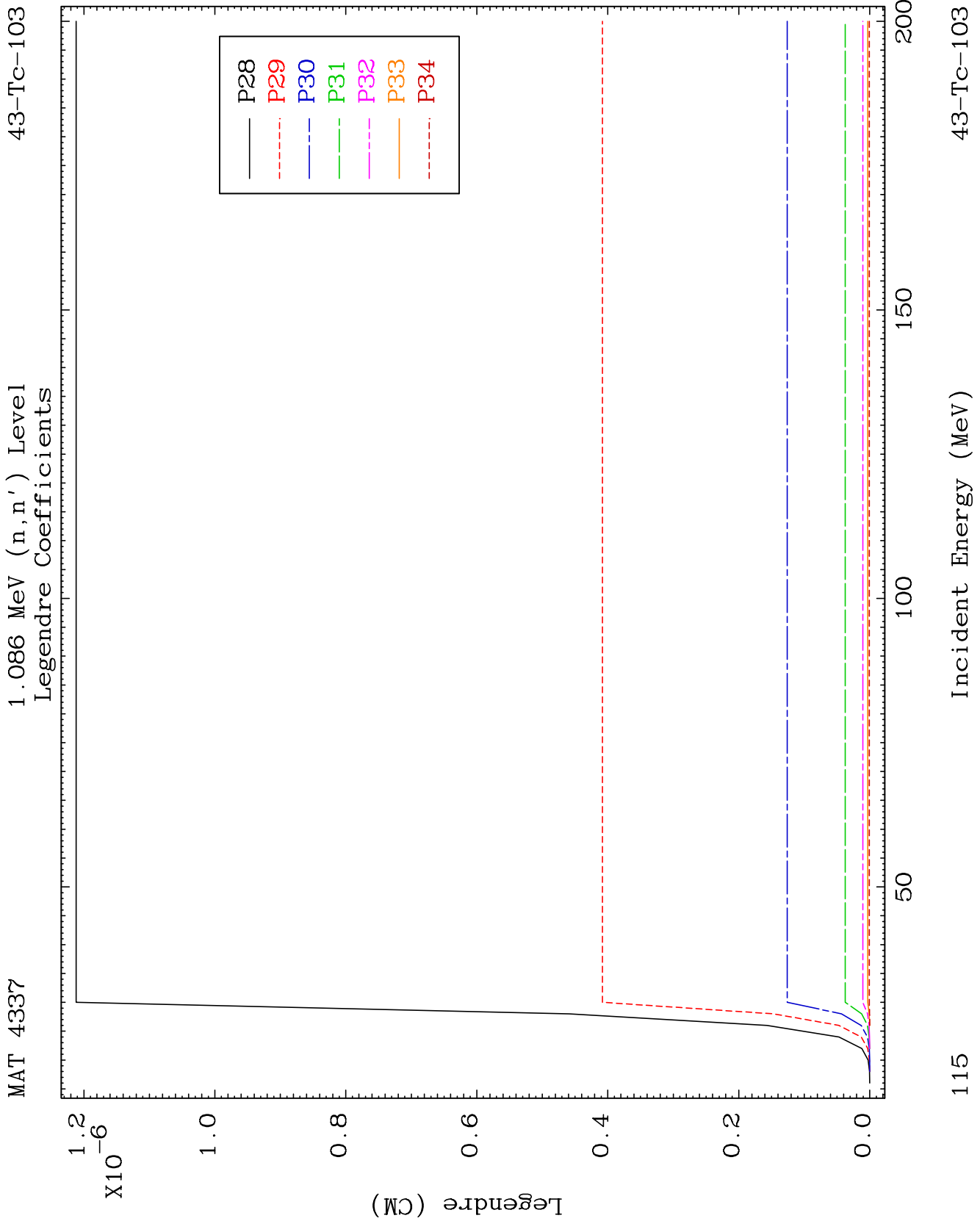
43-Tc-103



114

Incident Energy (MeV)

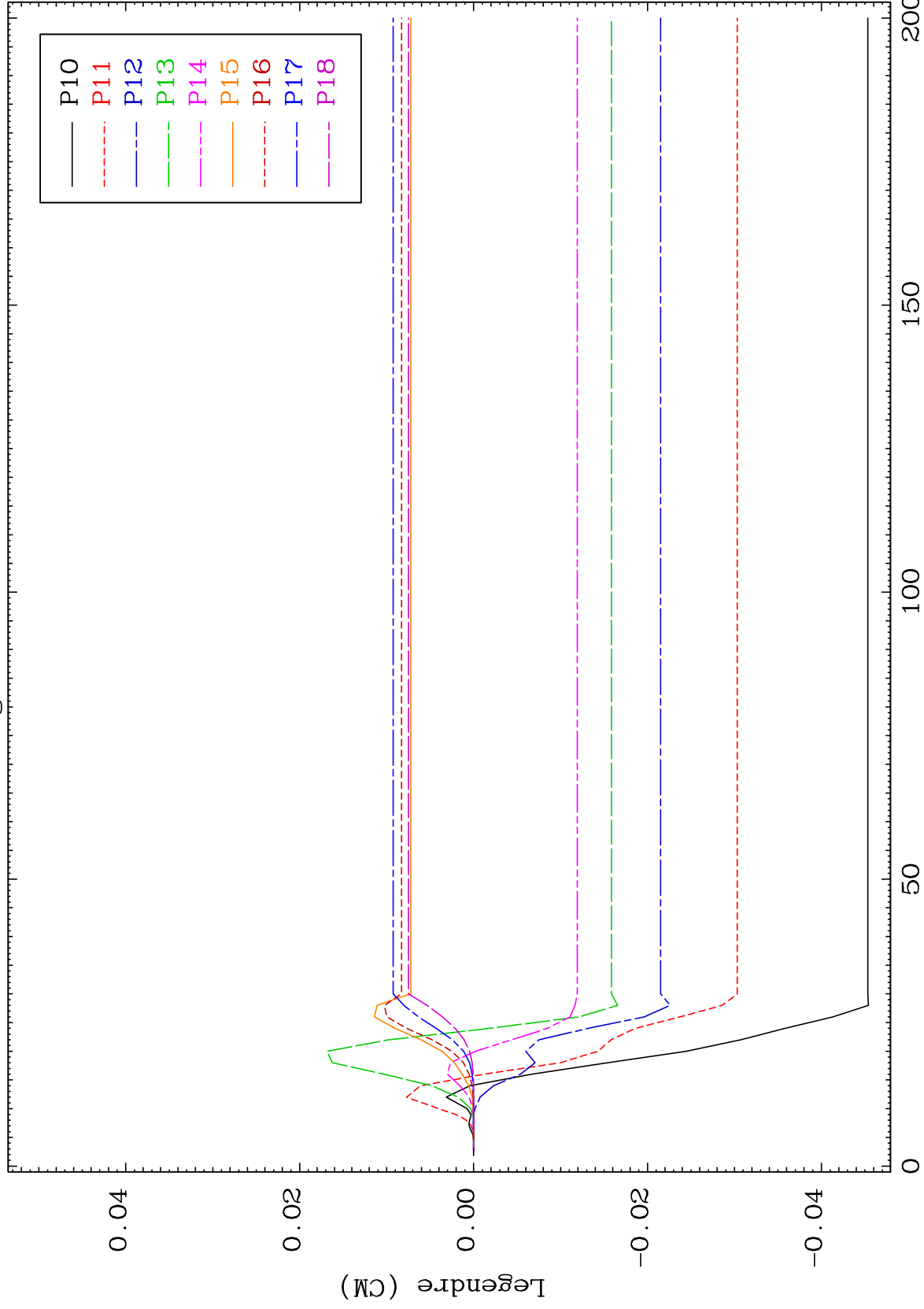
43-Tc-103



MAT 4337

1.097 MeV (n,n') Level
Legendre Coefficients

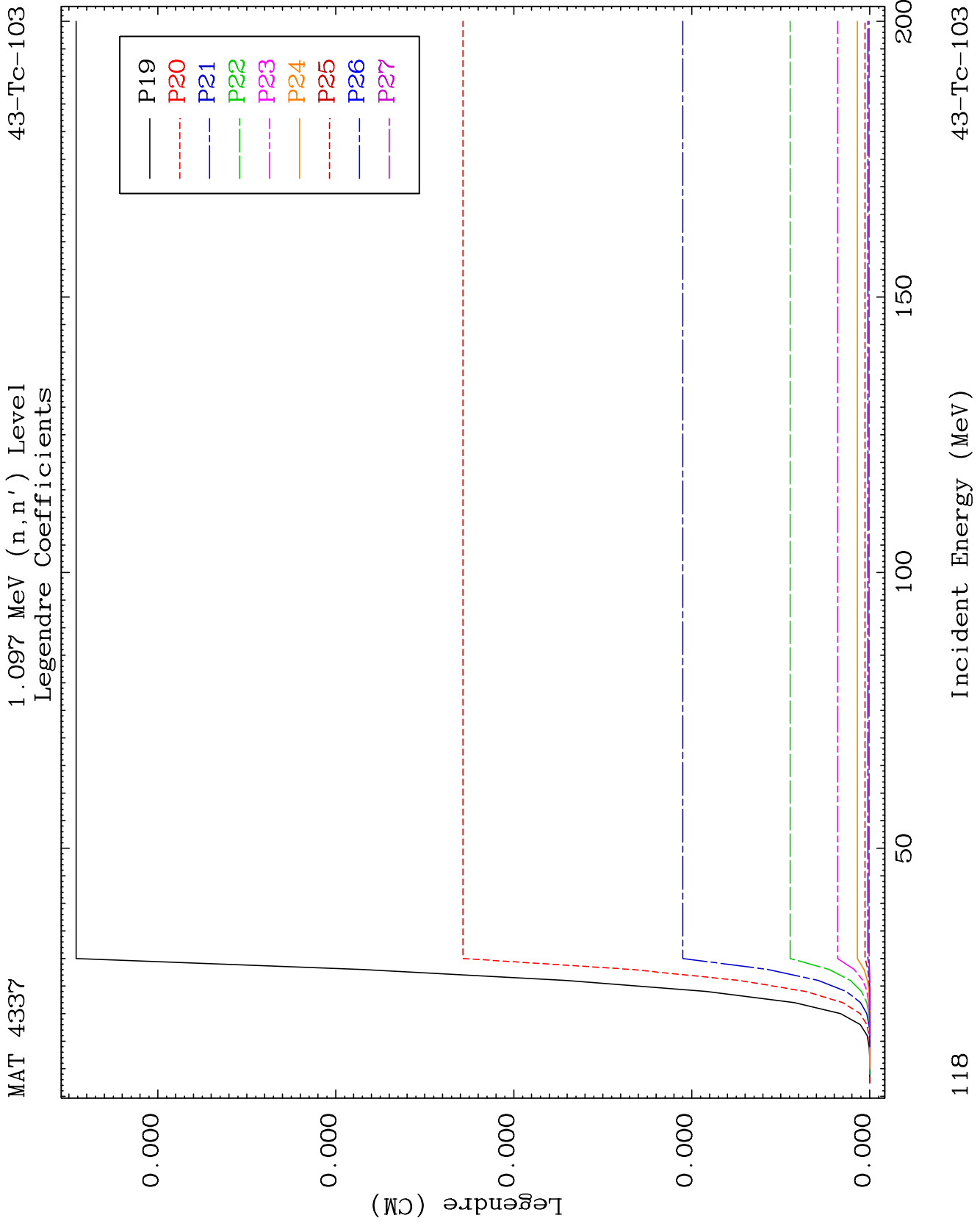
43-Tc-103

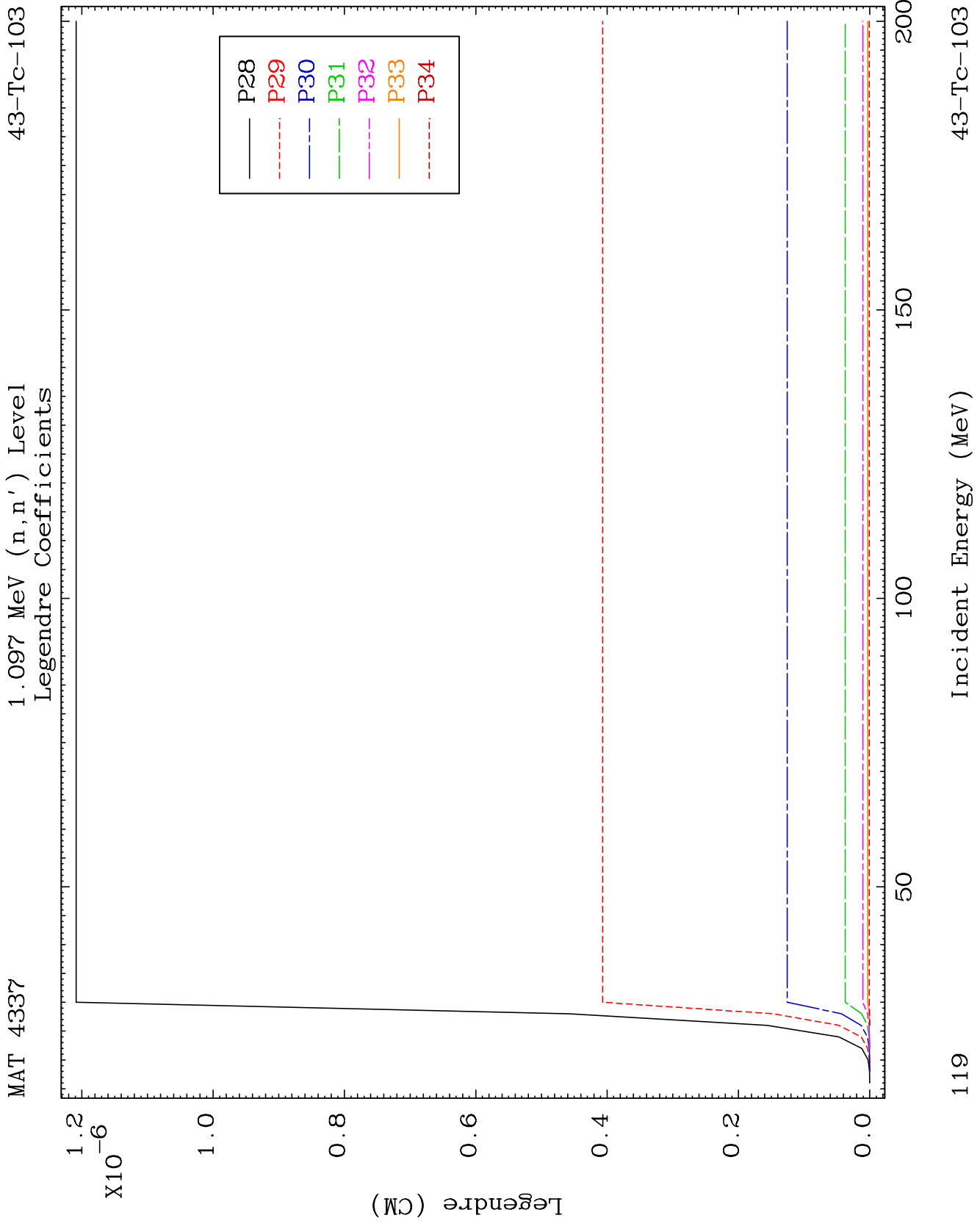


117

Incident Energy (MeV)

43-Tc-103

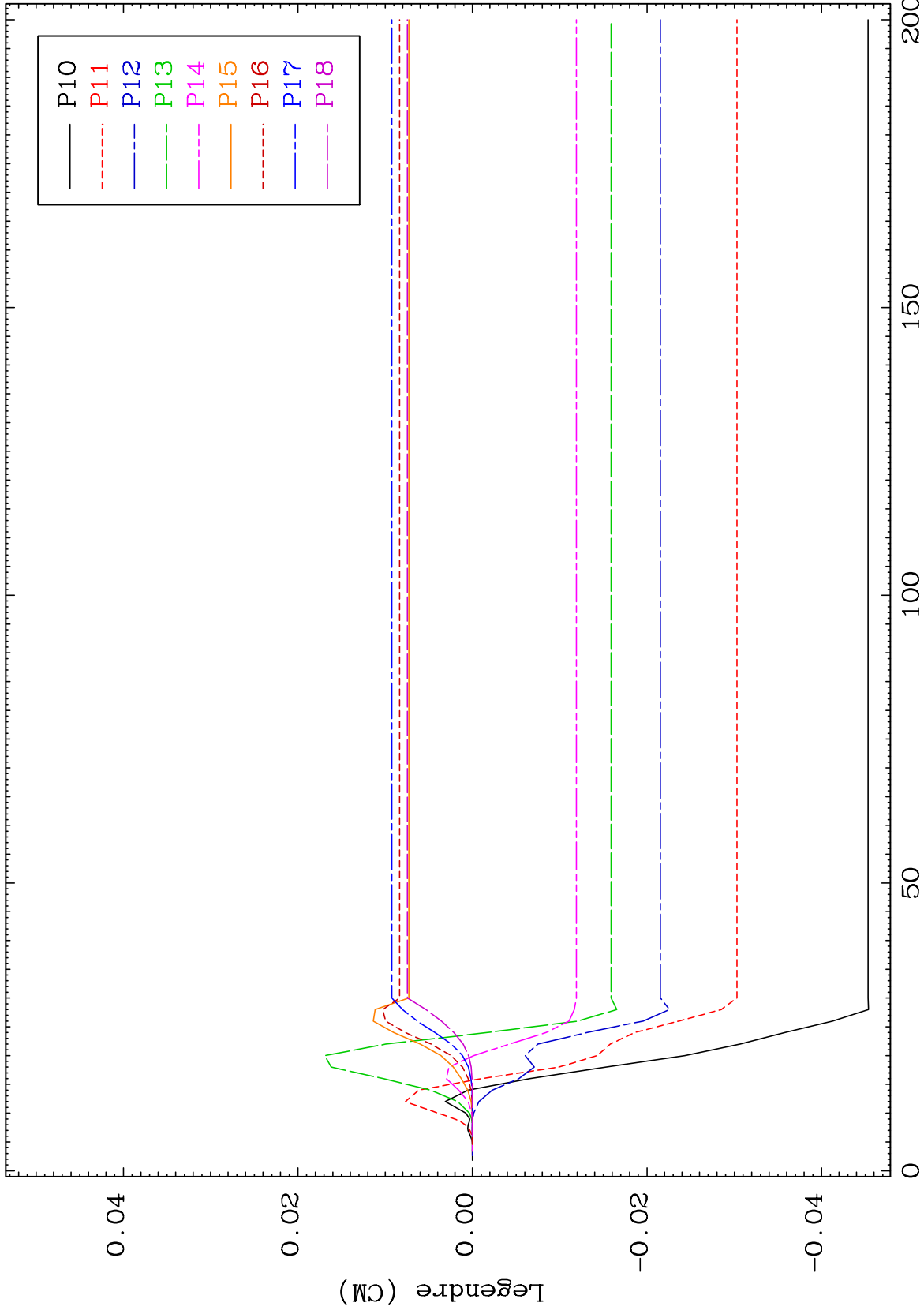




MAT 4337

1.150 MeV (n, n') Level
Legendre Coefficients

43-Tc-103



121

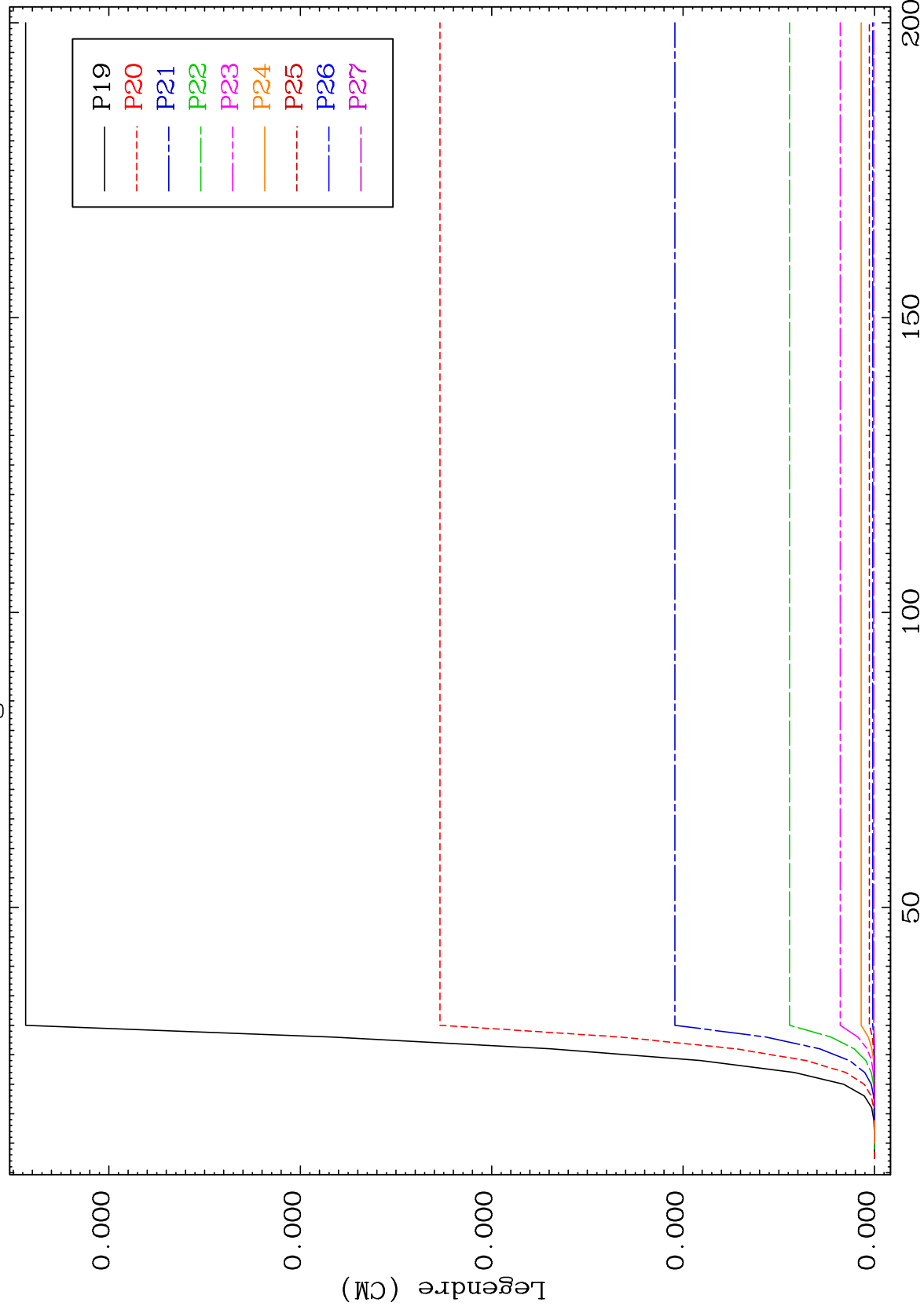
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.150 MeV (n, n') Level
Legendre Coefficients

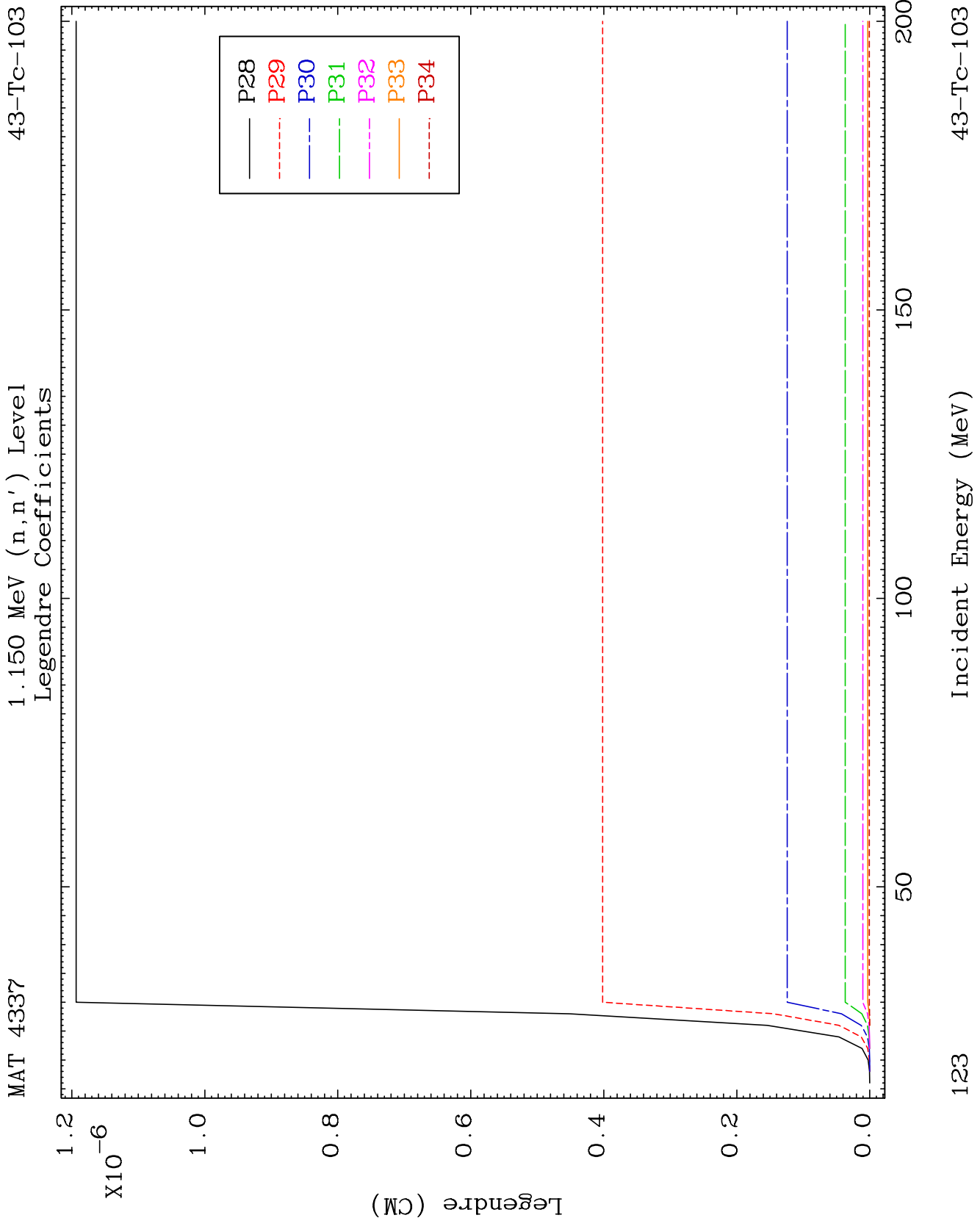
43-Tc-103



122

Incident Energy (MeV)

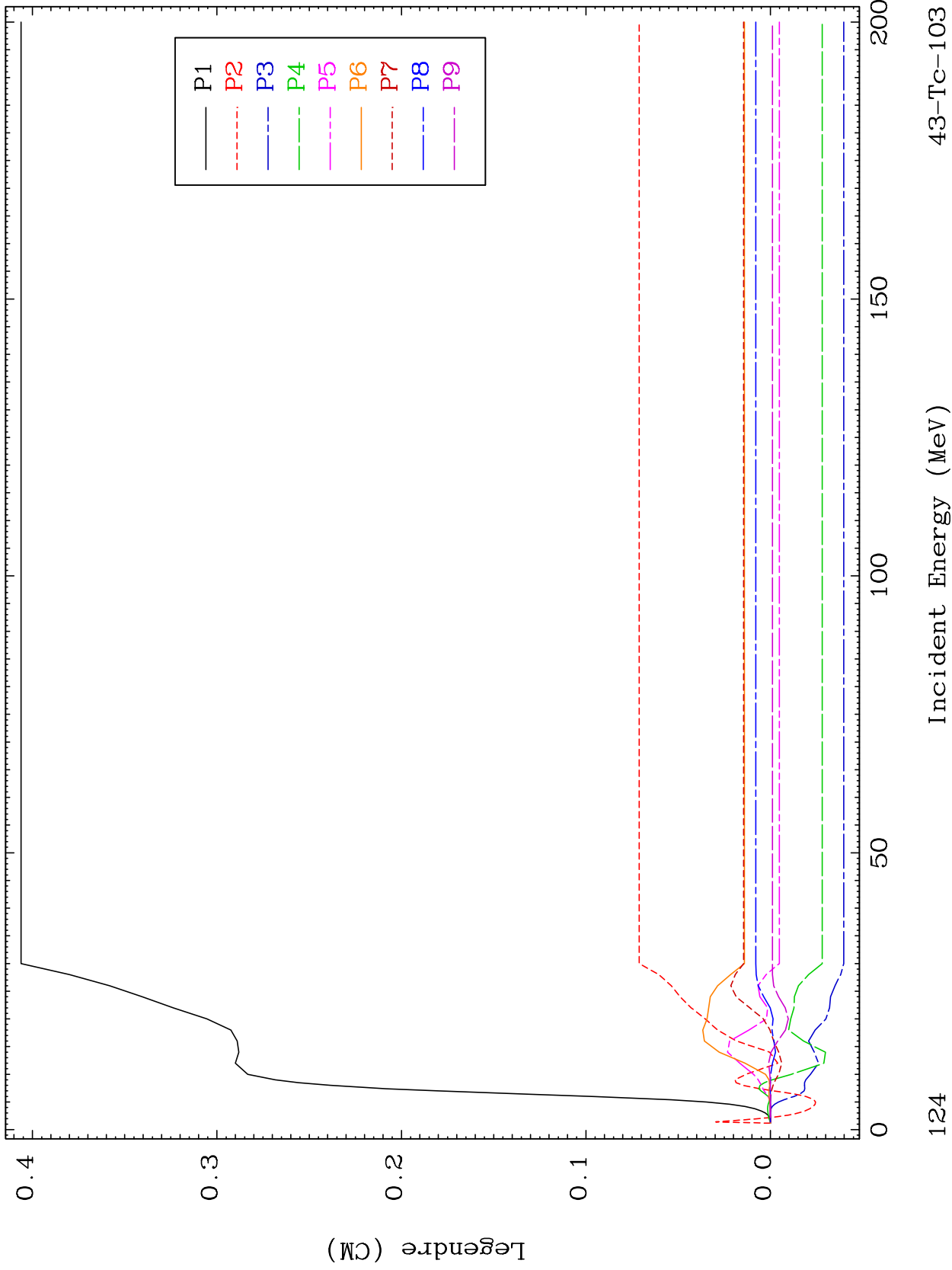
43-Tc-103



MAT 4337

1.158 MeV (n,n') Level
Legendre Coefficients

43-Tc-103



124

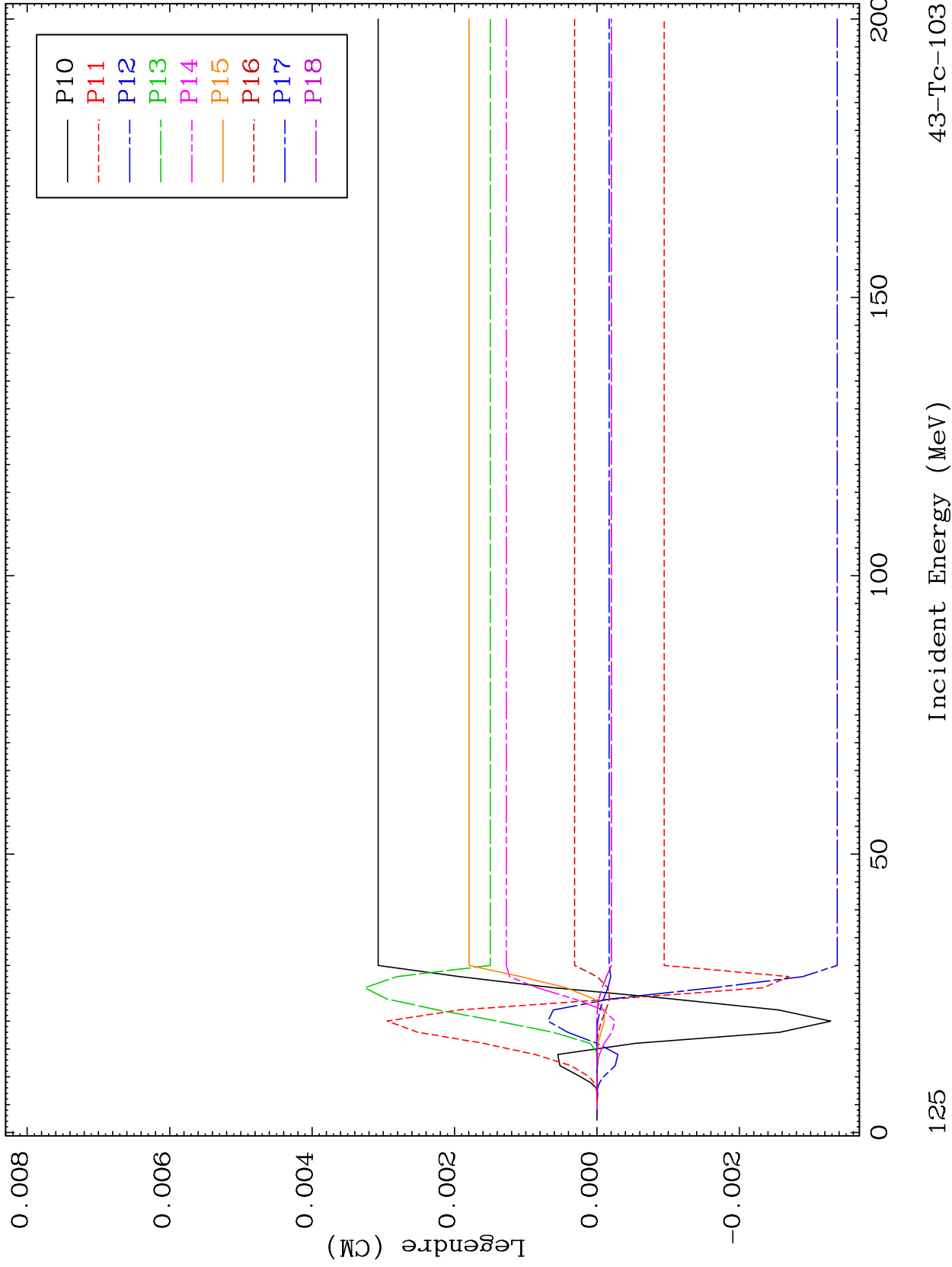
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.158 MeV (n,n') Level
Legendre Coefficients

43-Tc-103



125

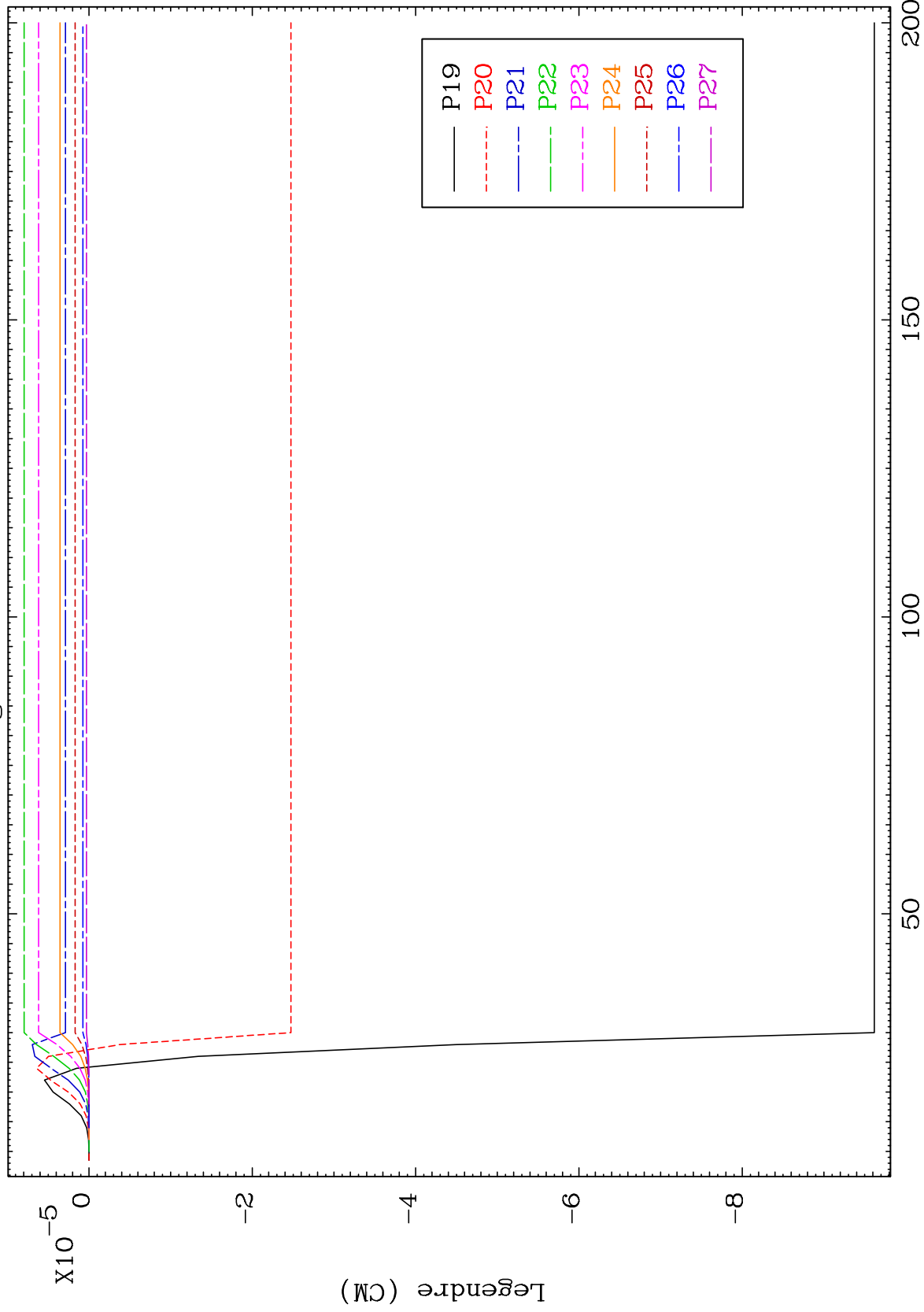
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.158 MeV (n,n') Level
Legendre Coefficients

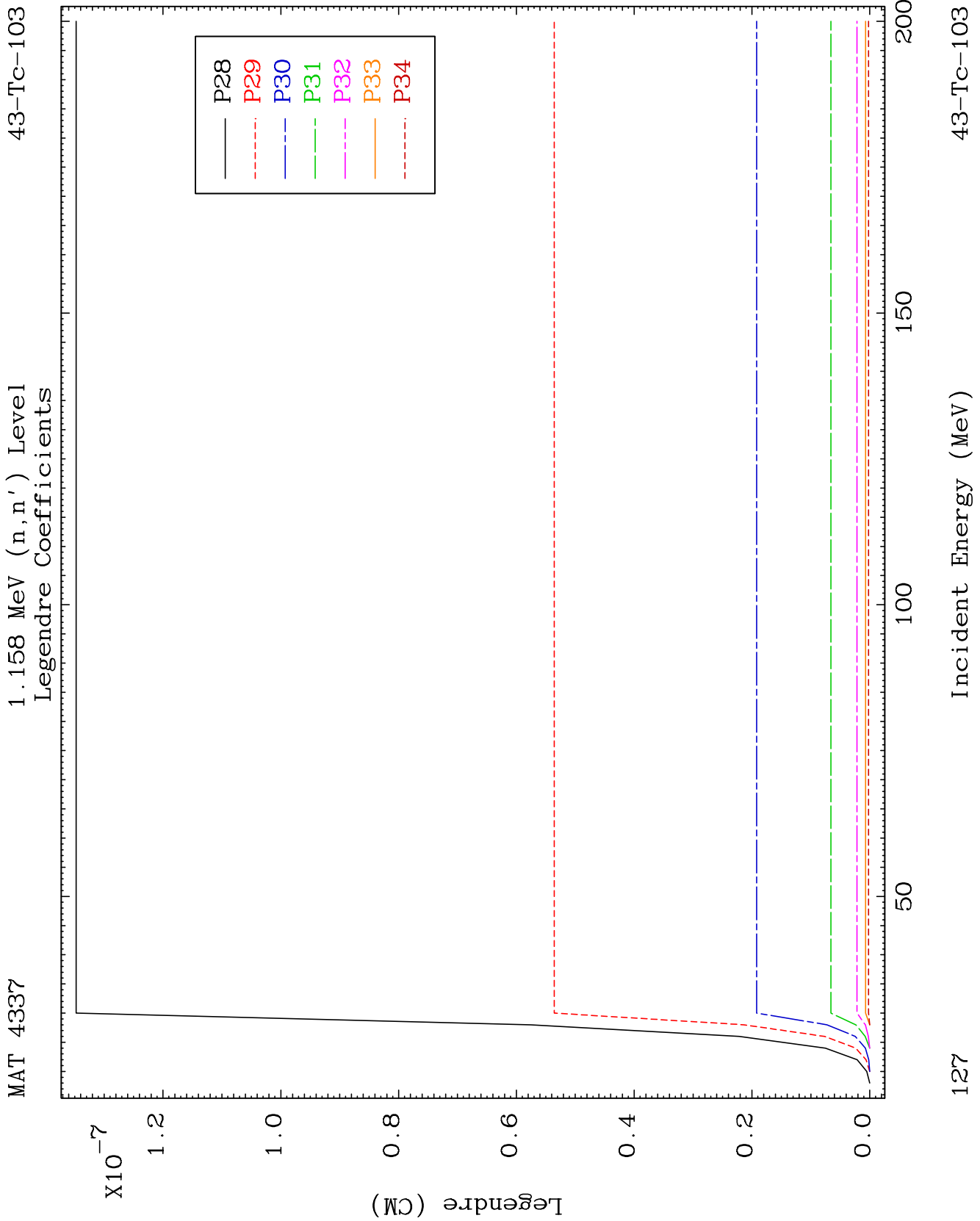
43-Tc-103

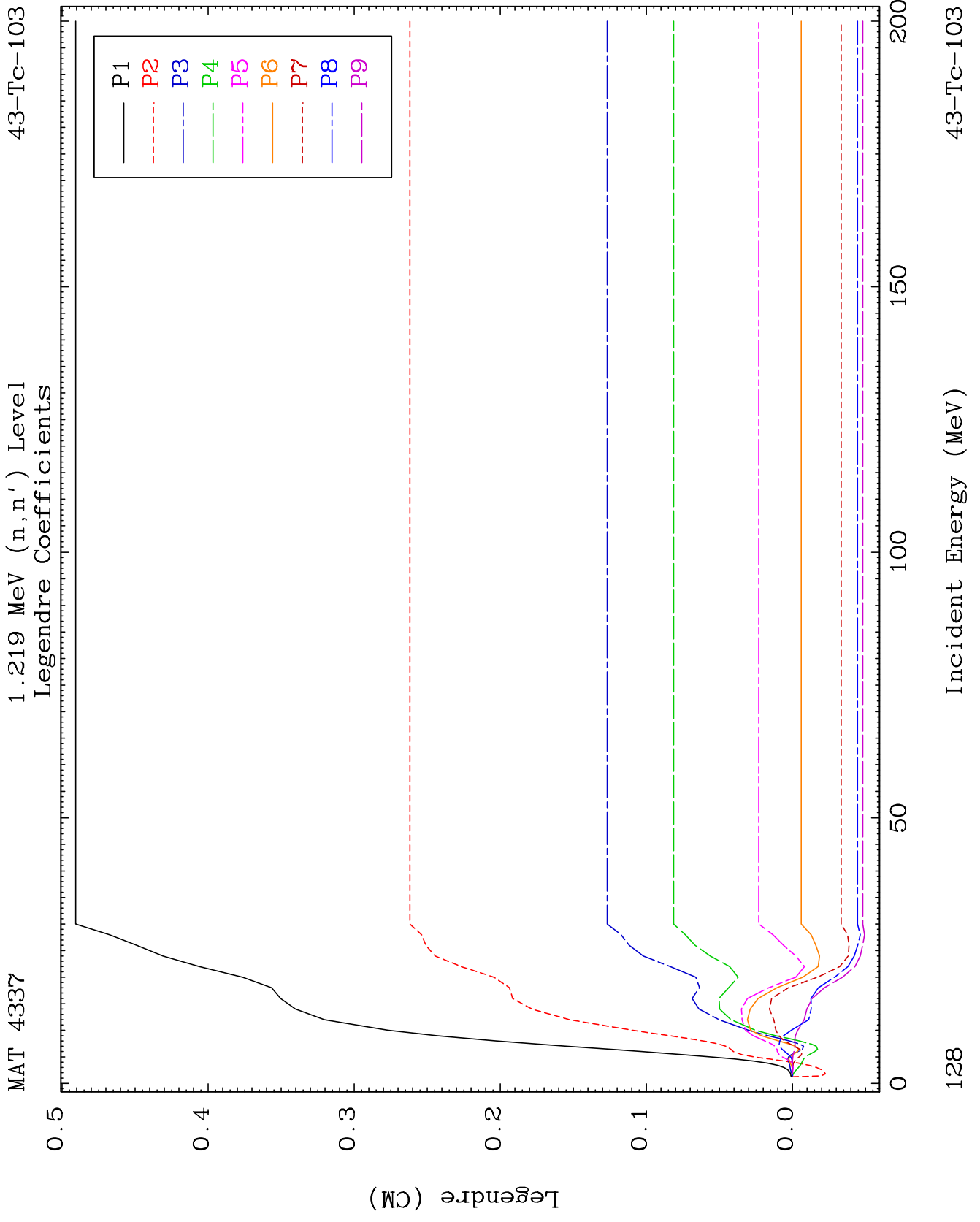


126

Incident Energy (MeV)

43-Tc-103

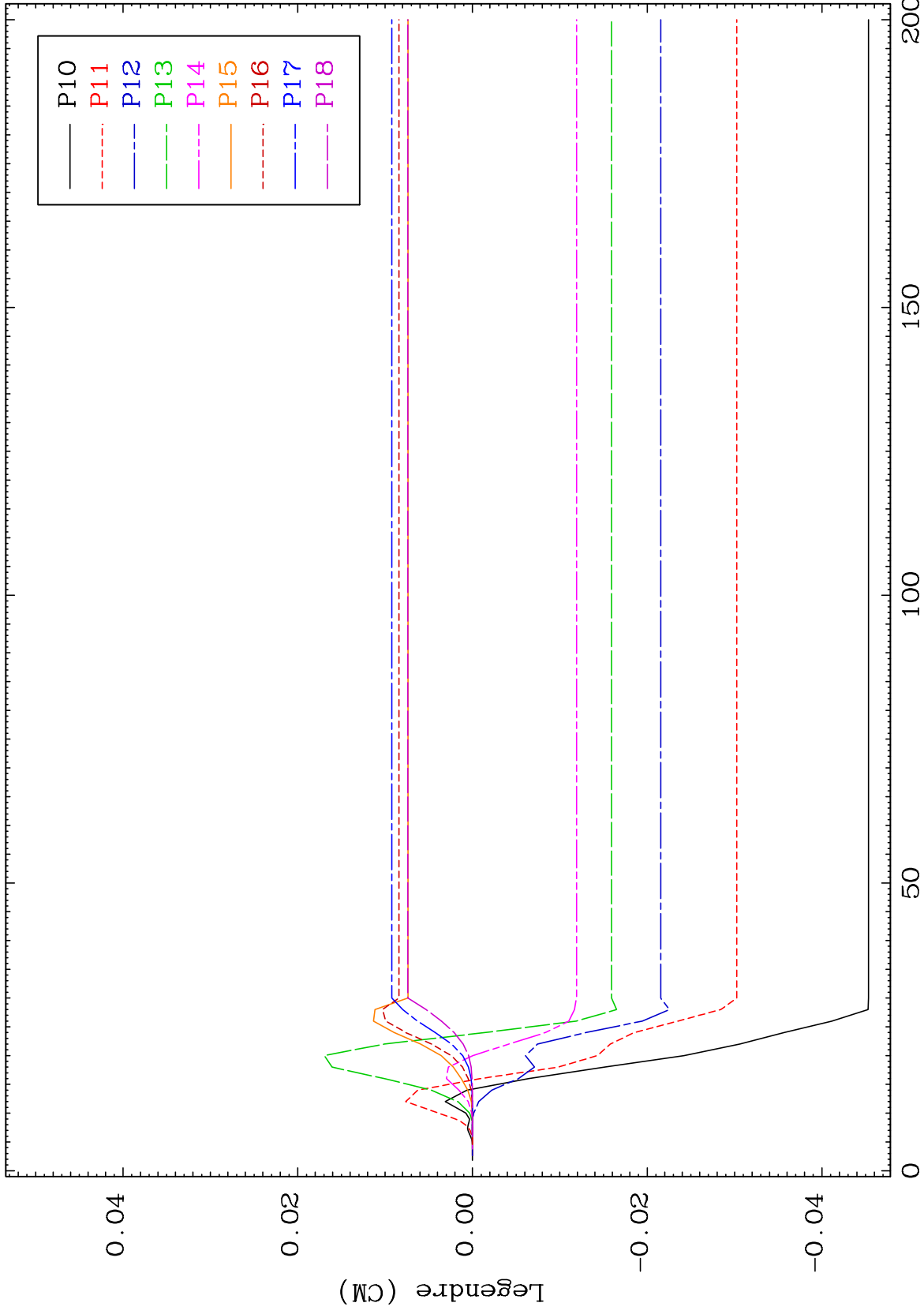




MAT 4337

1.219 MeV (n,n') Level
Legendre Coefficients

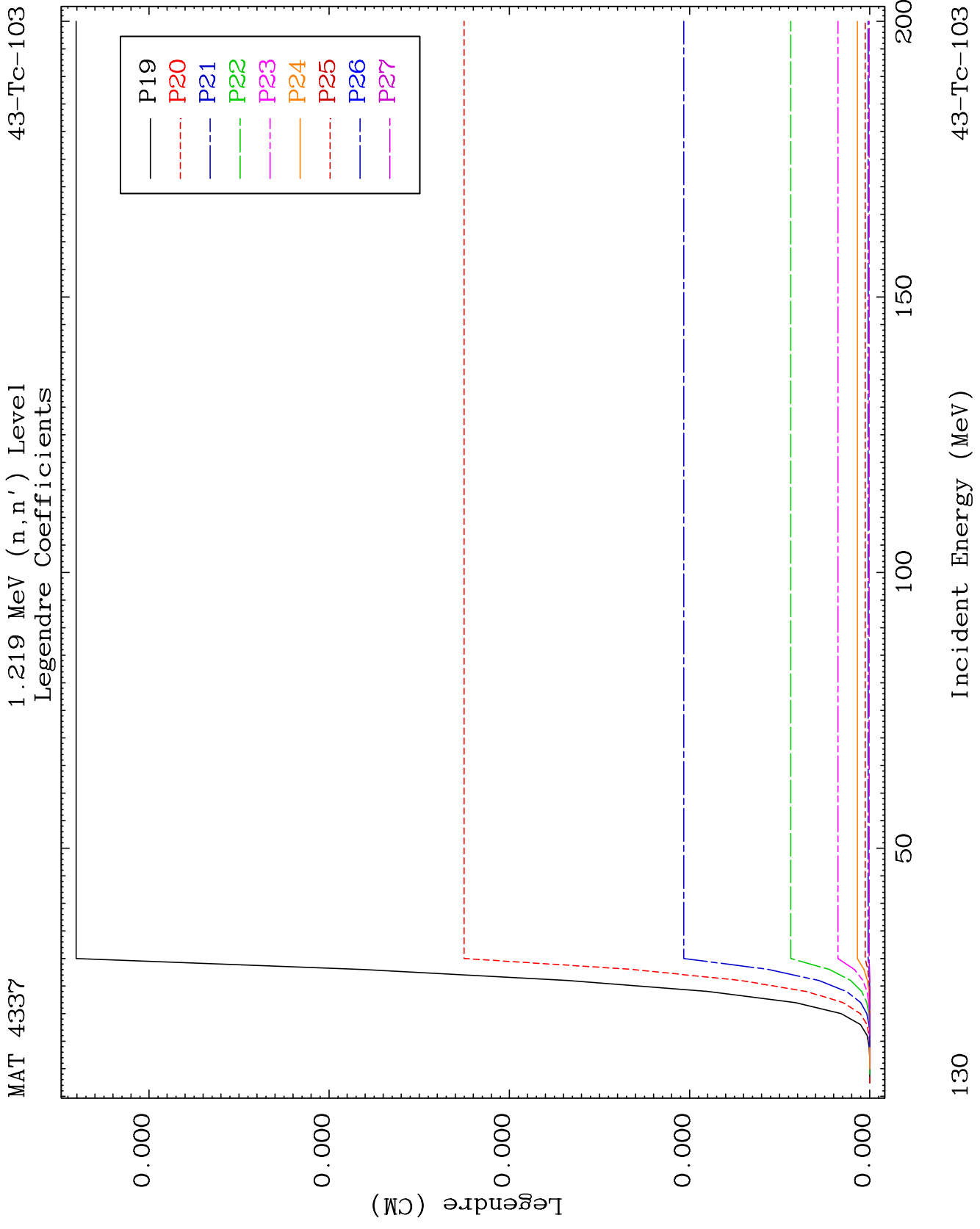
43-Tc-103

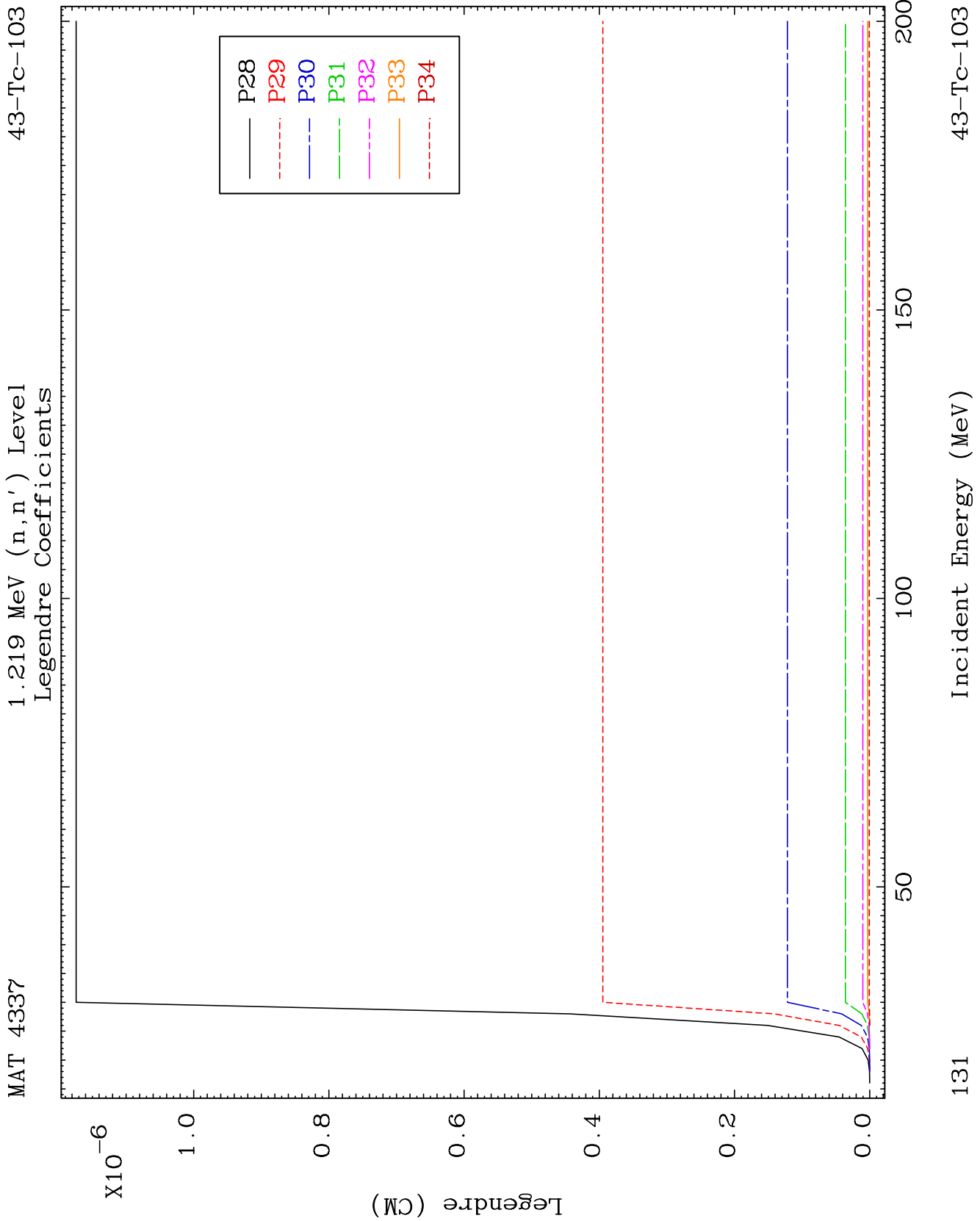


129

Incident Energy (MeV)

43-Tc-103

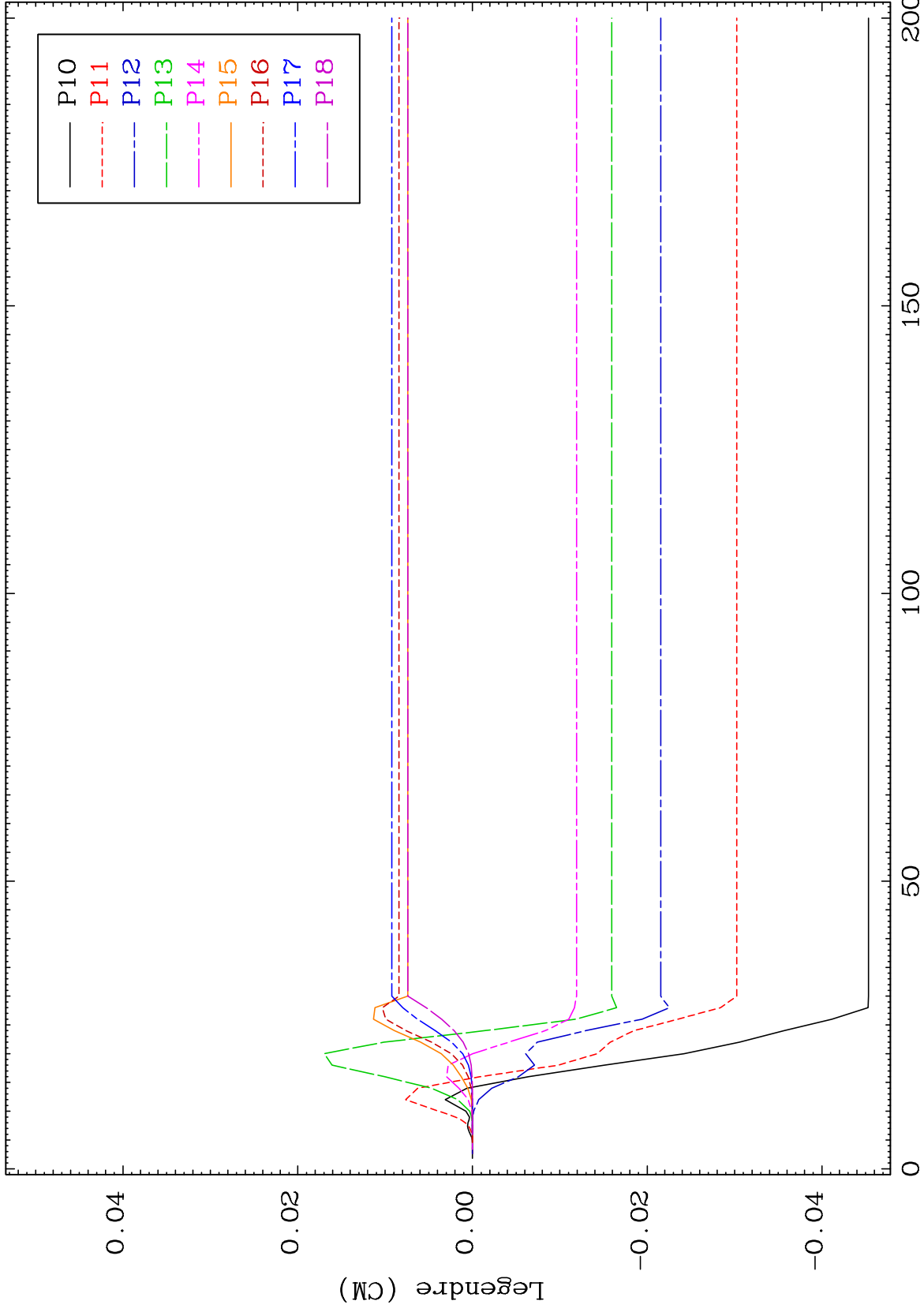




MAT 4337

1.228 MeV (n,n') Level
Legendre Coefficients

43-Tc-103



133

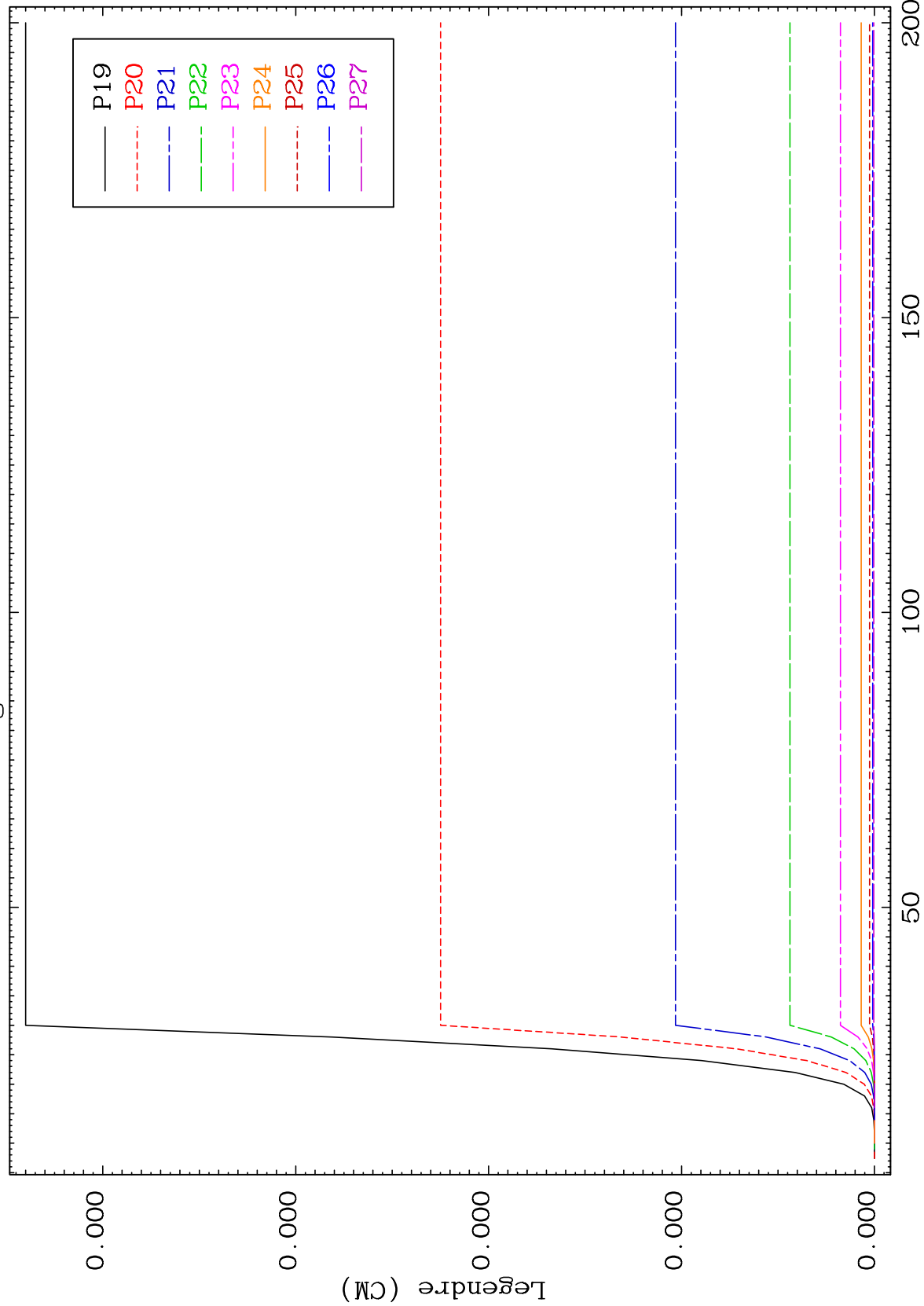
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.228 MeV (n, n') Level
Legendre Coefficients

43-Tc-103



134

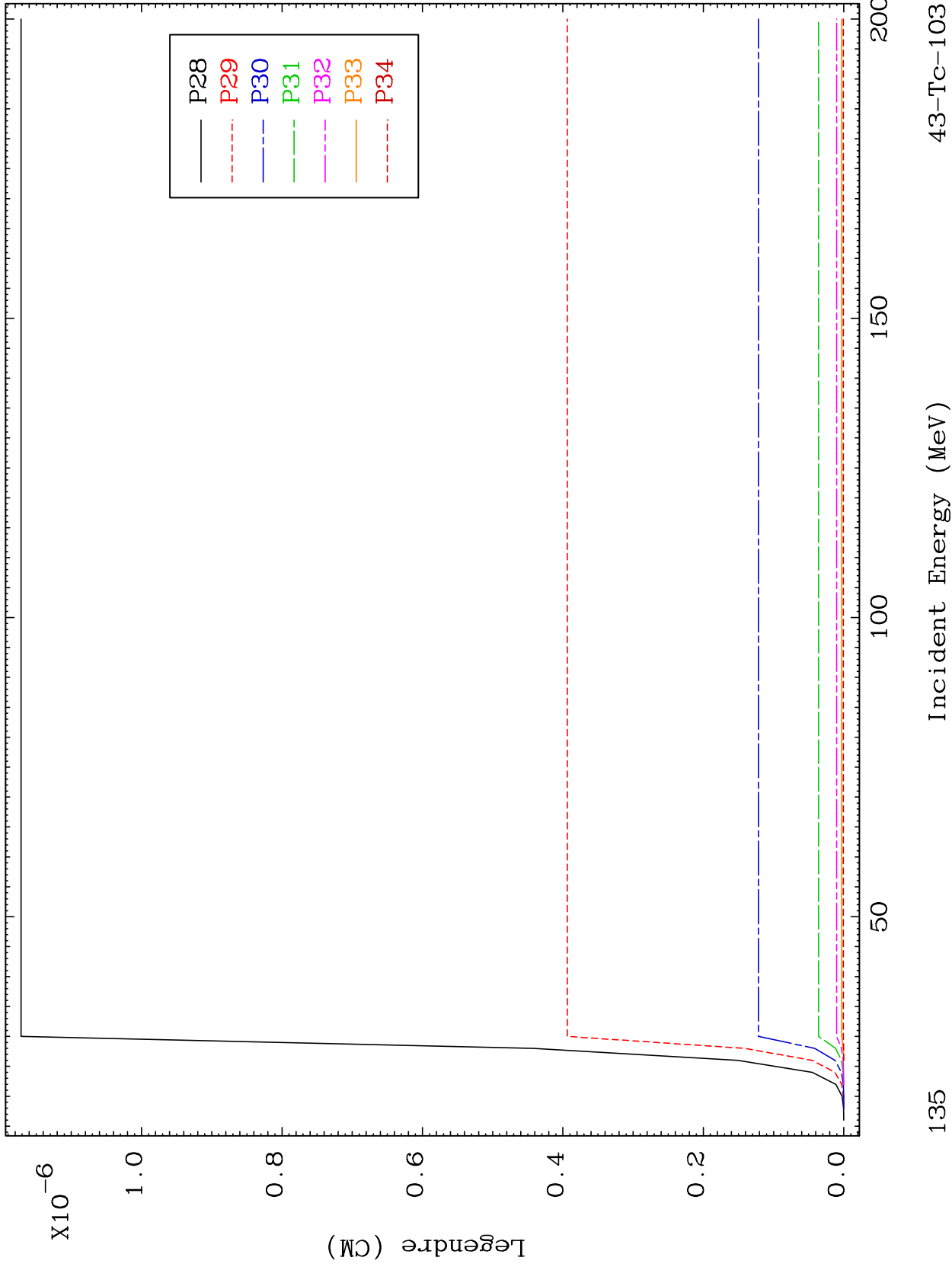
Incident Energy (MeV)

43-Tc-103

MAT 4337

1.228 MeV (n, n') Level
Legendre Coefficients

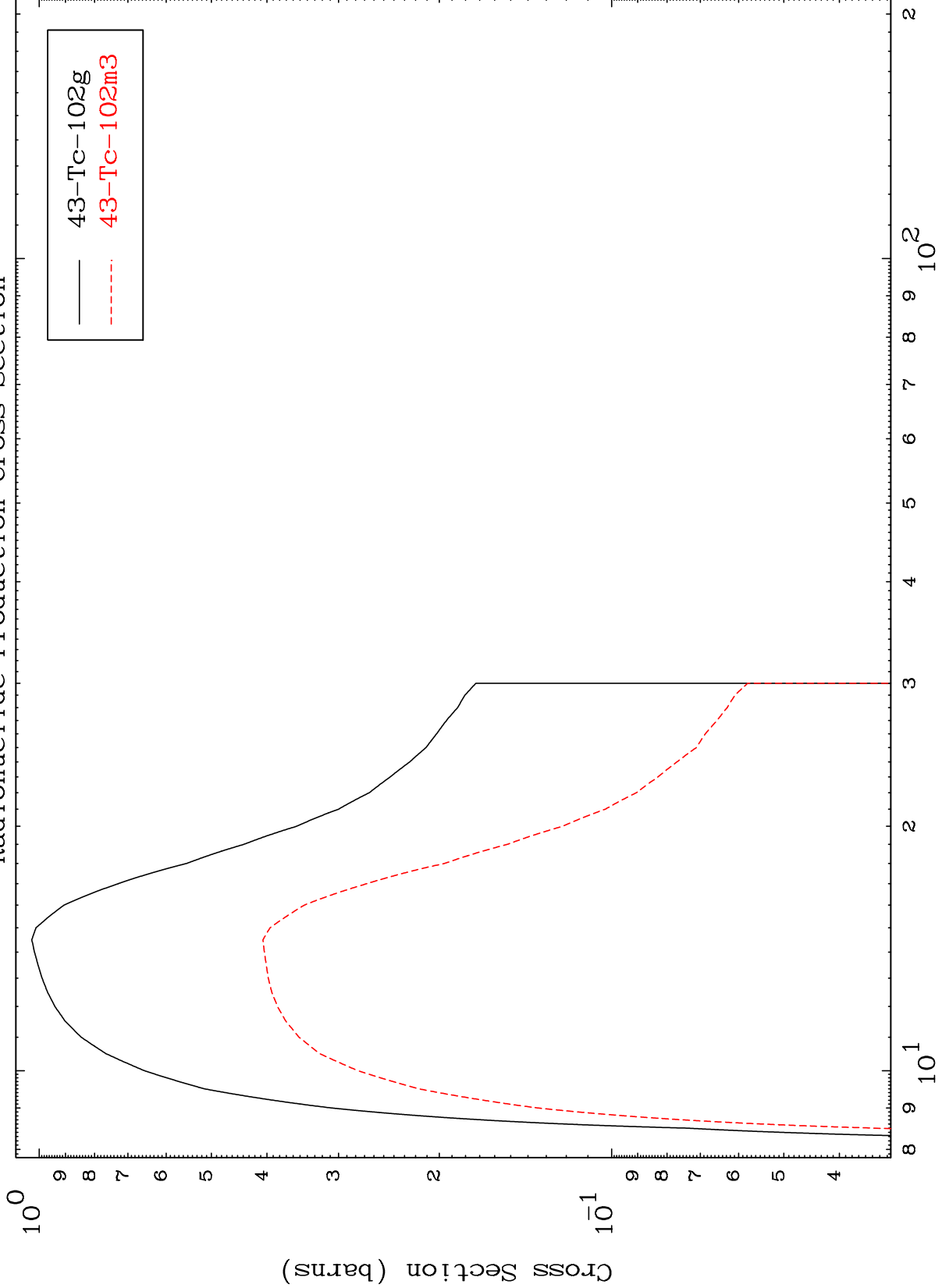
43-Tc-103



MAT 4337

43-Tc-103

(n,2n)
Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

136

Incident Energy (MeV)

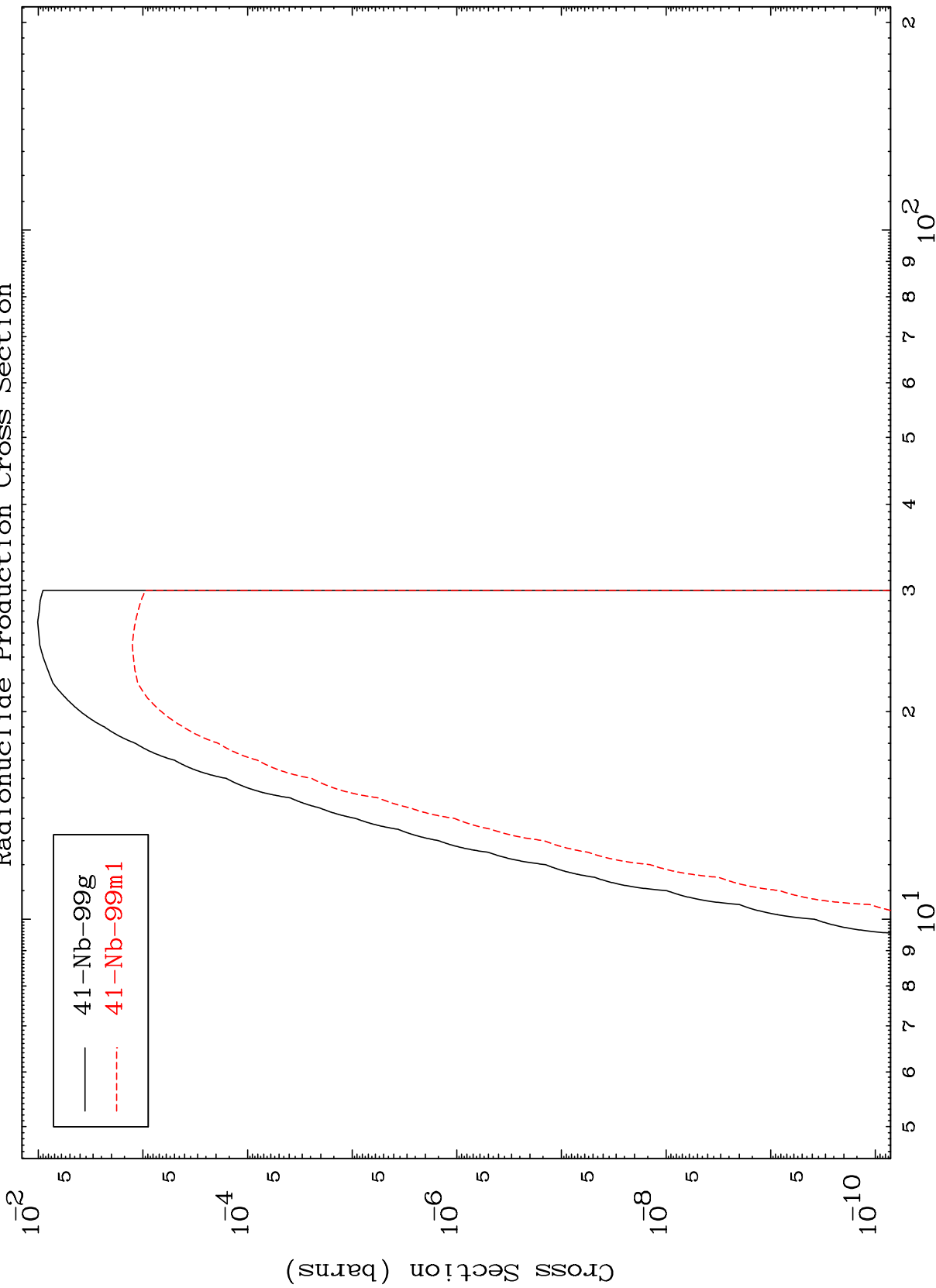
43-Tc-103

MAT 4337

(n,n') α

43-Tc-103

Radionuclide Production Cross Section



137

Incident Energy (MeV)

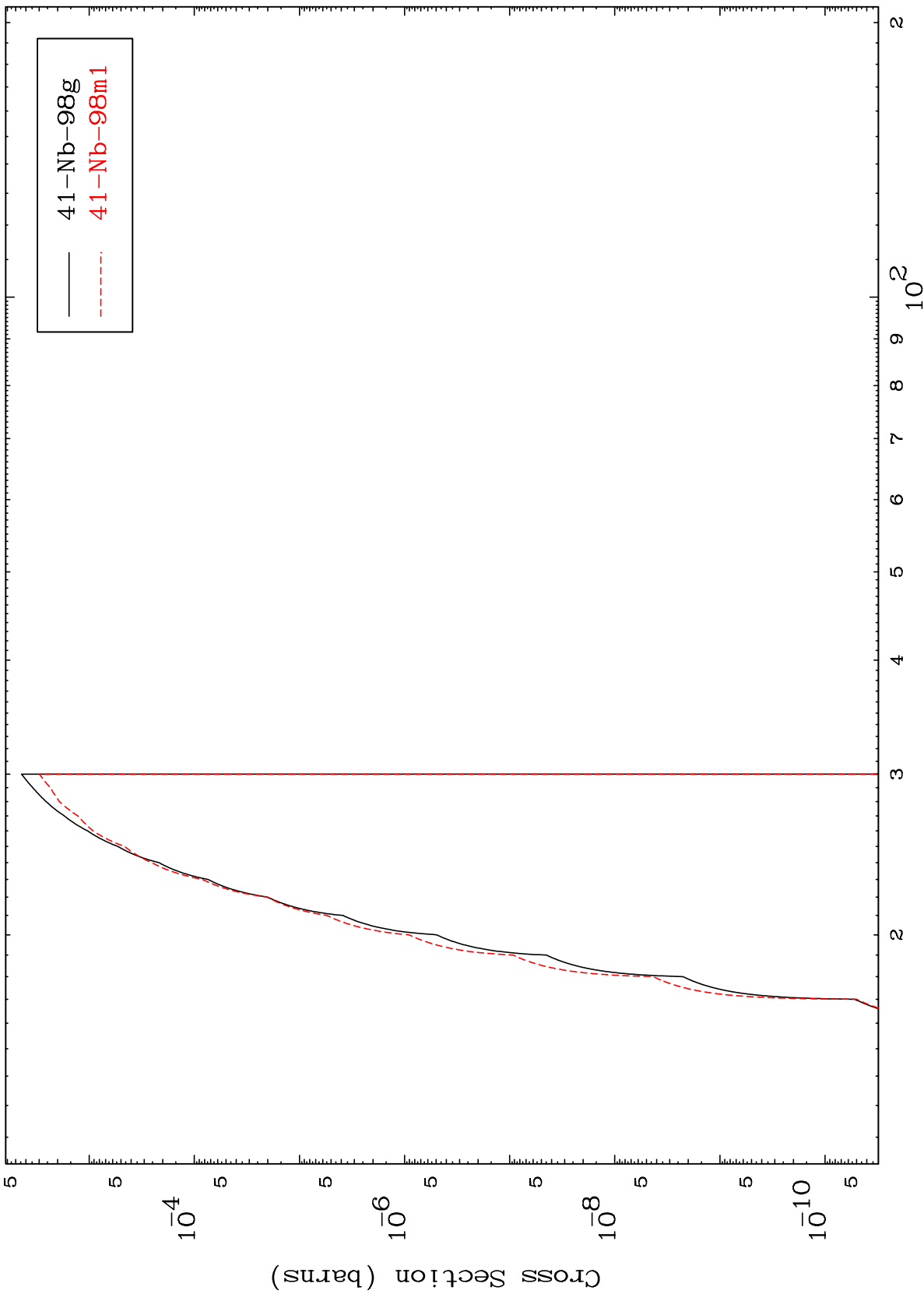
43-Tc-103

MAT 4337

(n,2n) α

43-Tc-103

Radionuclide Production Cross Section

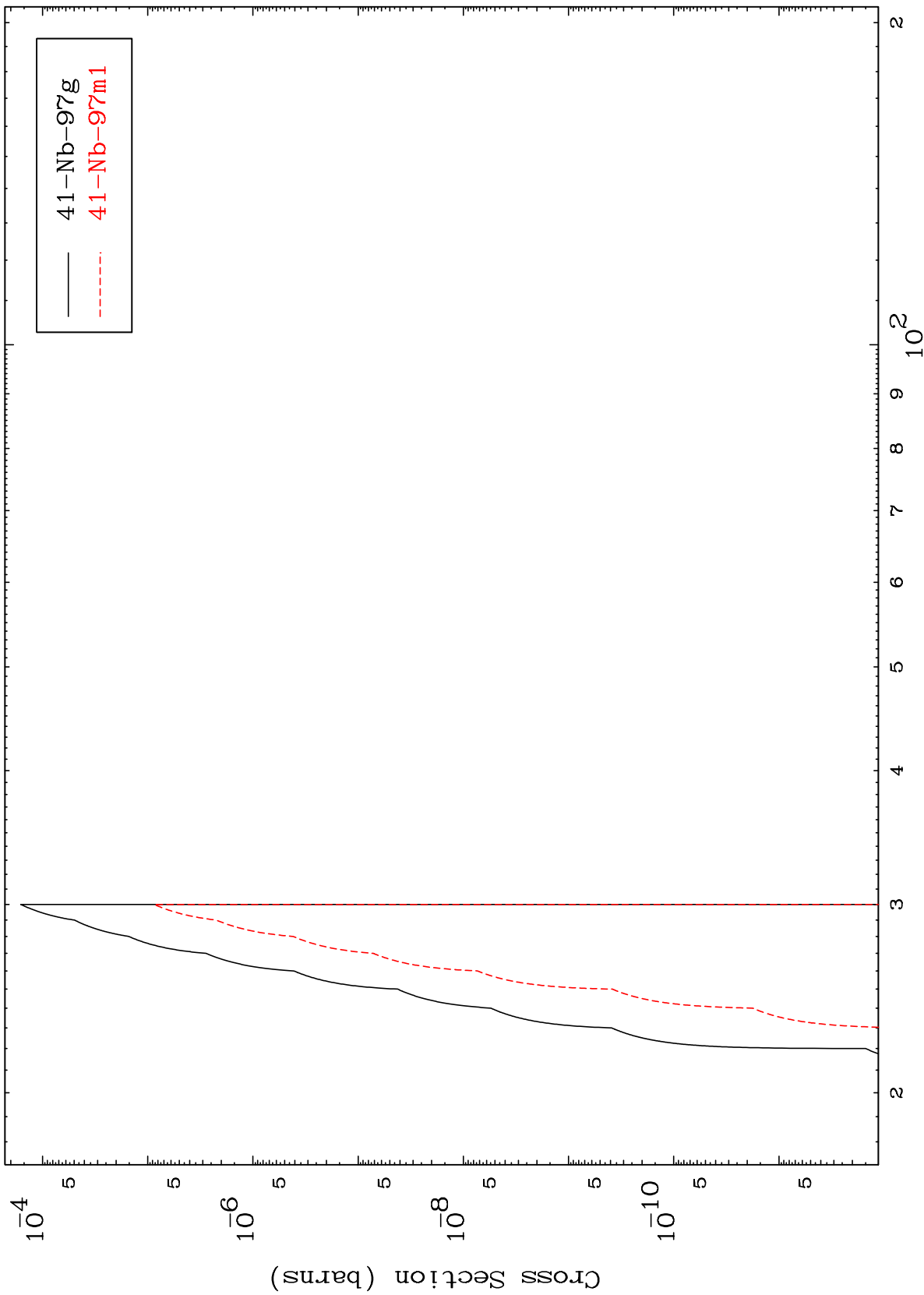


138

Incident Energy (MeV)

43-Tc-103

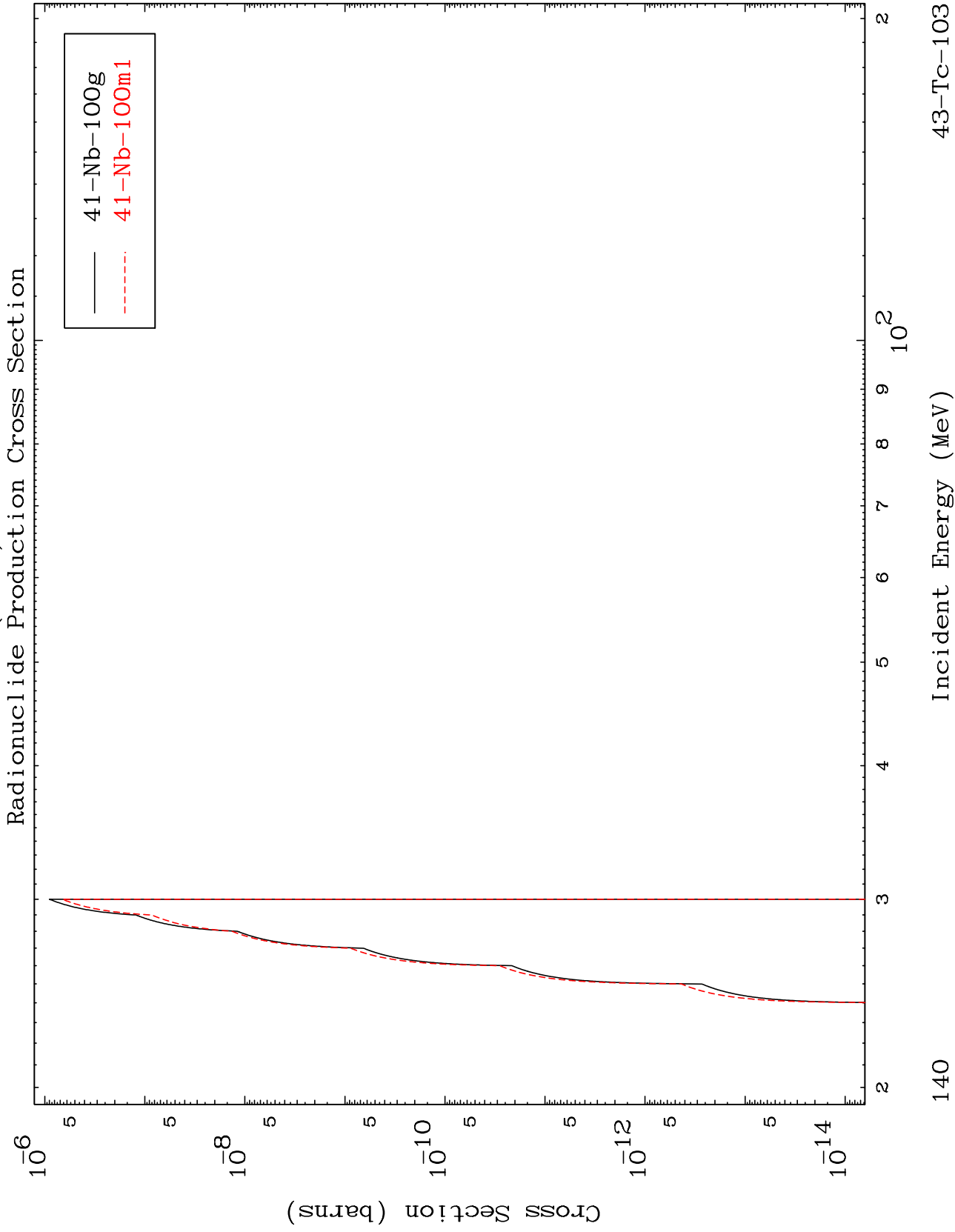
Radionuclide Production Cross Section



MAT 4337

(n,n') He-3

43-Tc-103



140

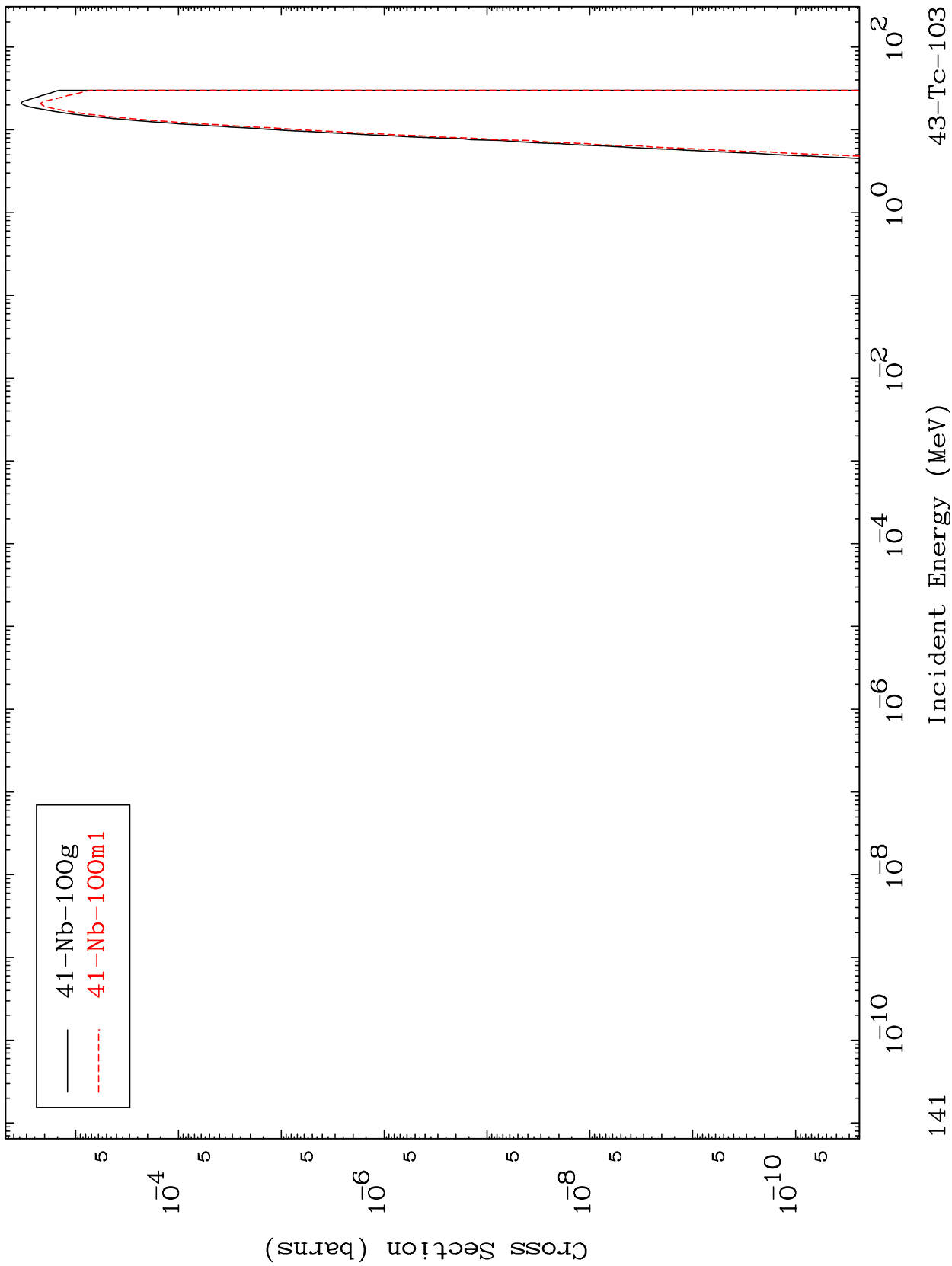
Incident Energy (MeV)

43-Tc-103

MAT 4337

43-Tc-103

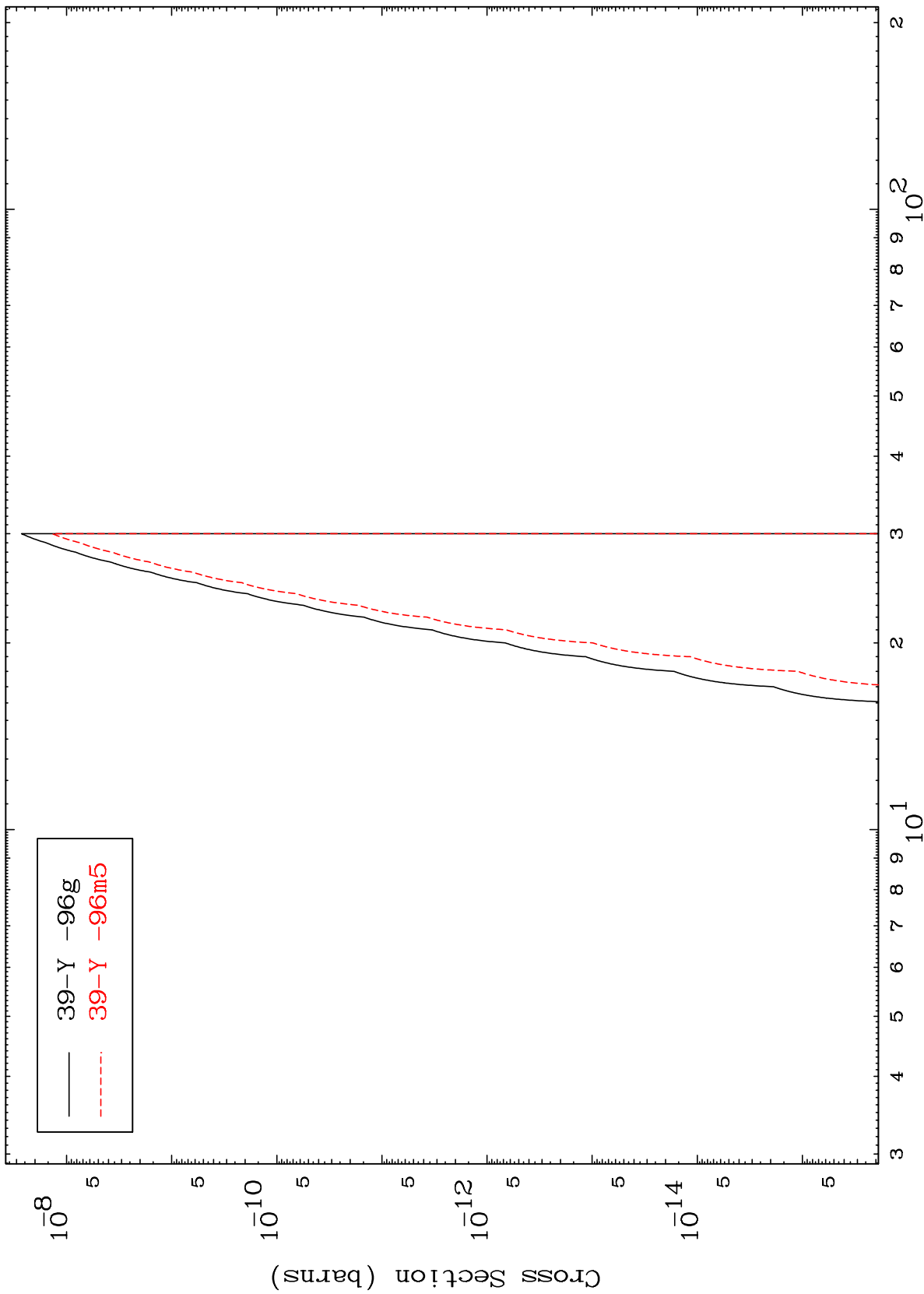
(n, α)
Radionuclide Production Cross Section



MAT 4337

43-Tc-103

(n,2α)
Radionuclide Production Cross Section



— 39-Y -96g
- - - 39-Y -96m5

43-Tc-103

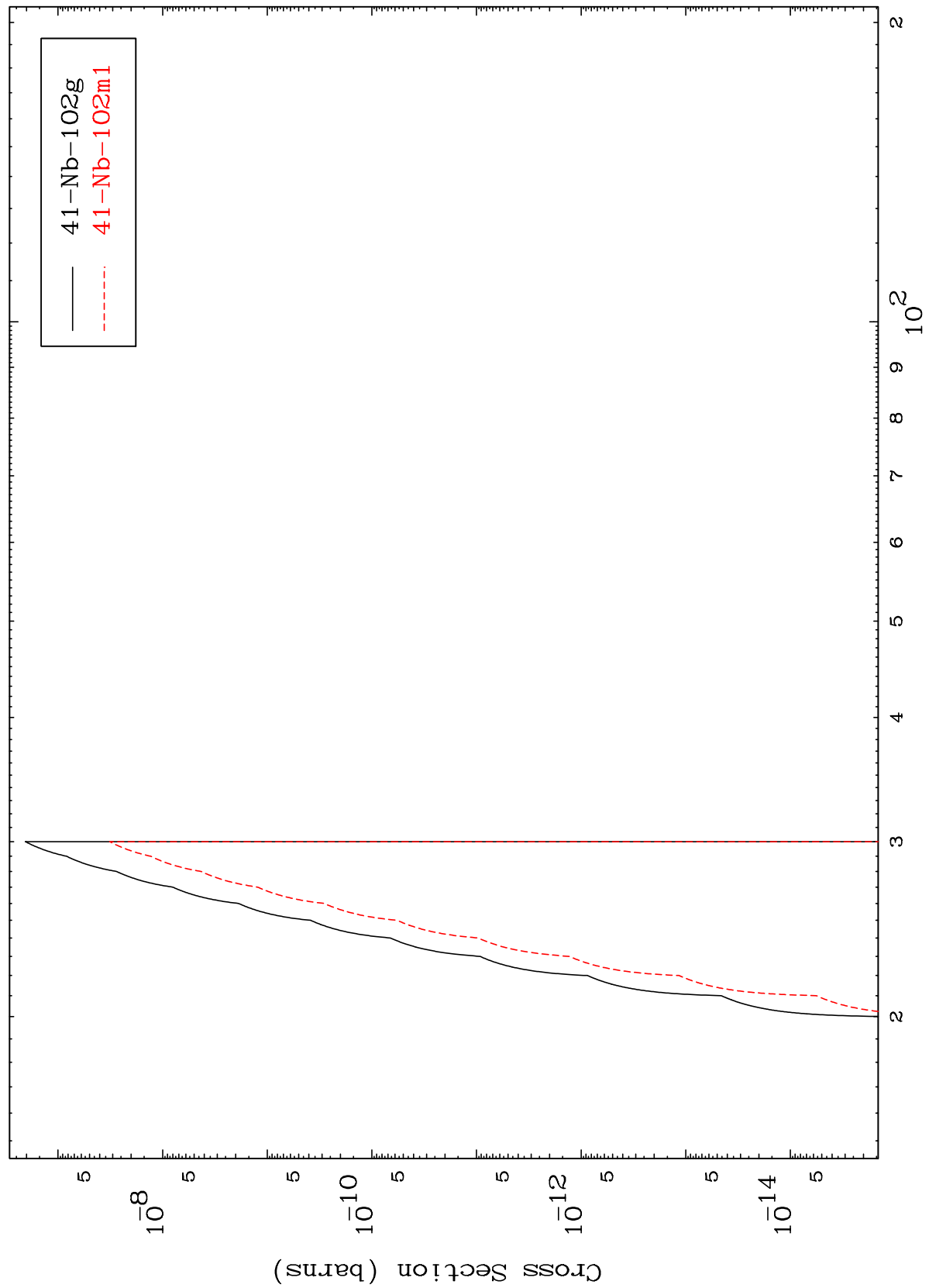
Incident Energy (MeV)

142

MAT 4337

43-Tc-103

(n,2p)
Radionuclide Production Cross Section



41-Nb-102g
41-Nb-102m1

143

43-Tc-103

Incident Energy (MeV)