

Program EVALPLOT
(Version 2015-2)

by

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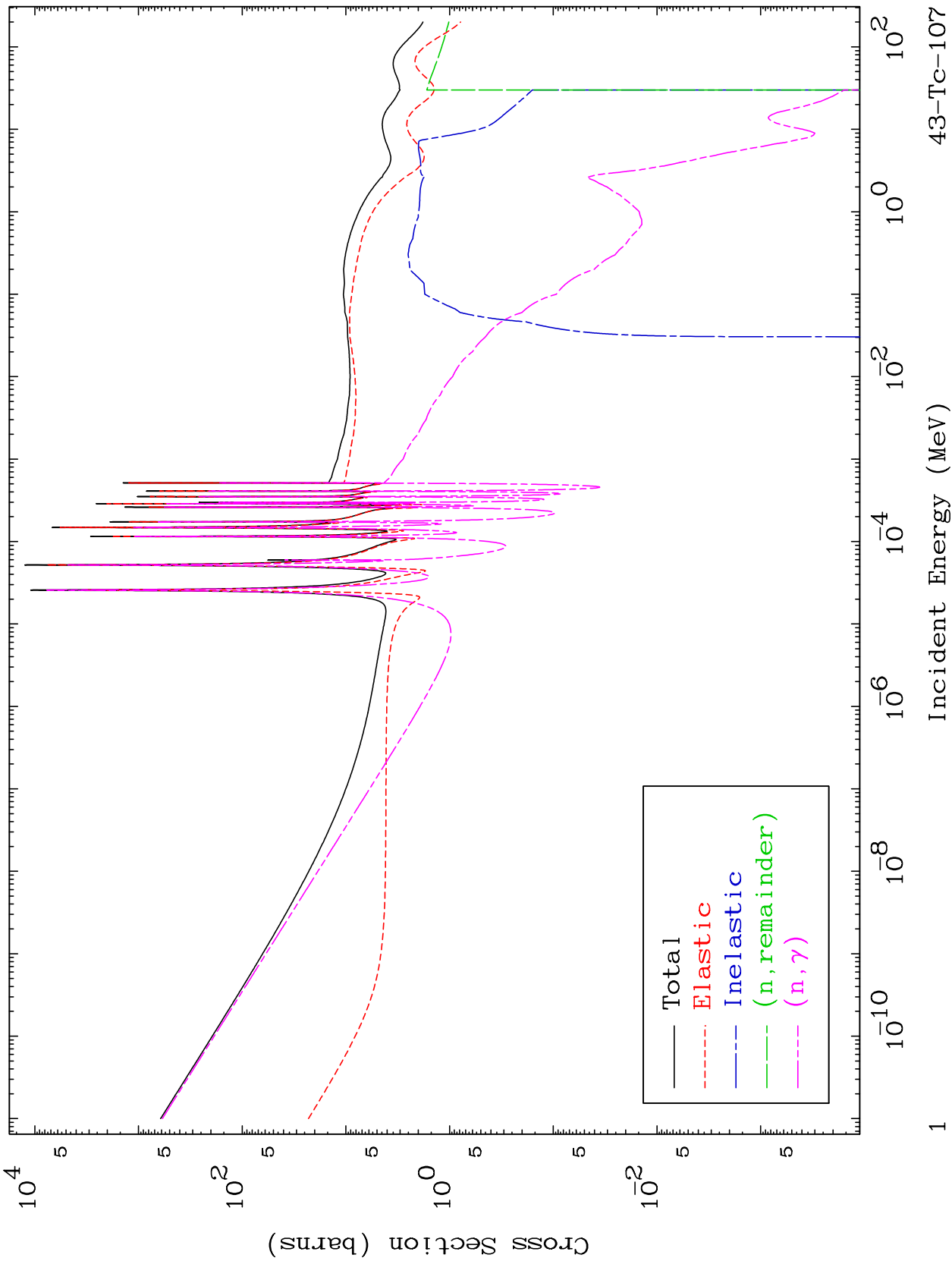
Press Mouse Button to Start

MAT 4349

Major

293 Kelvin Cross Sections

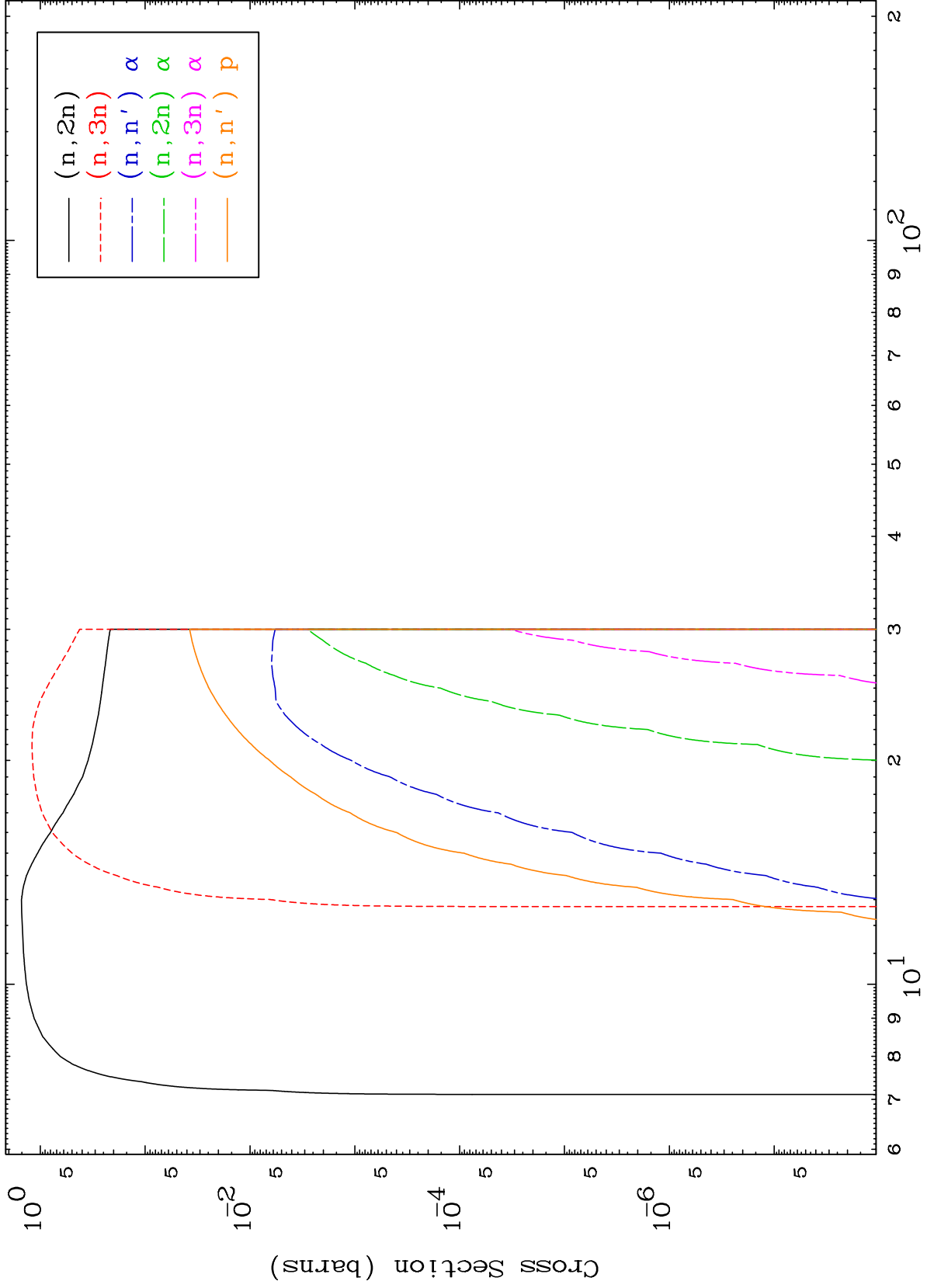
43-Tc-107



MAT 4349

Neutron Production
293 Kelvin Cross Sections

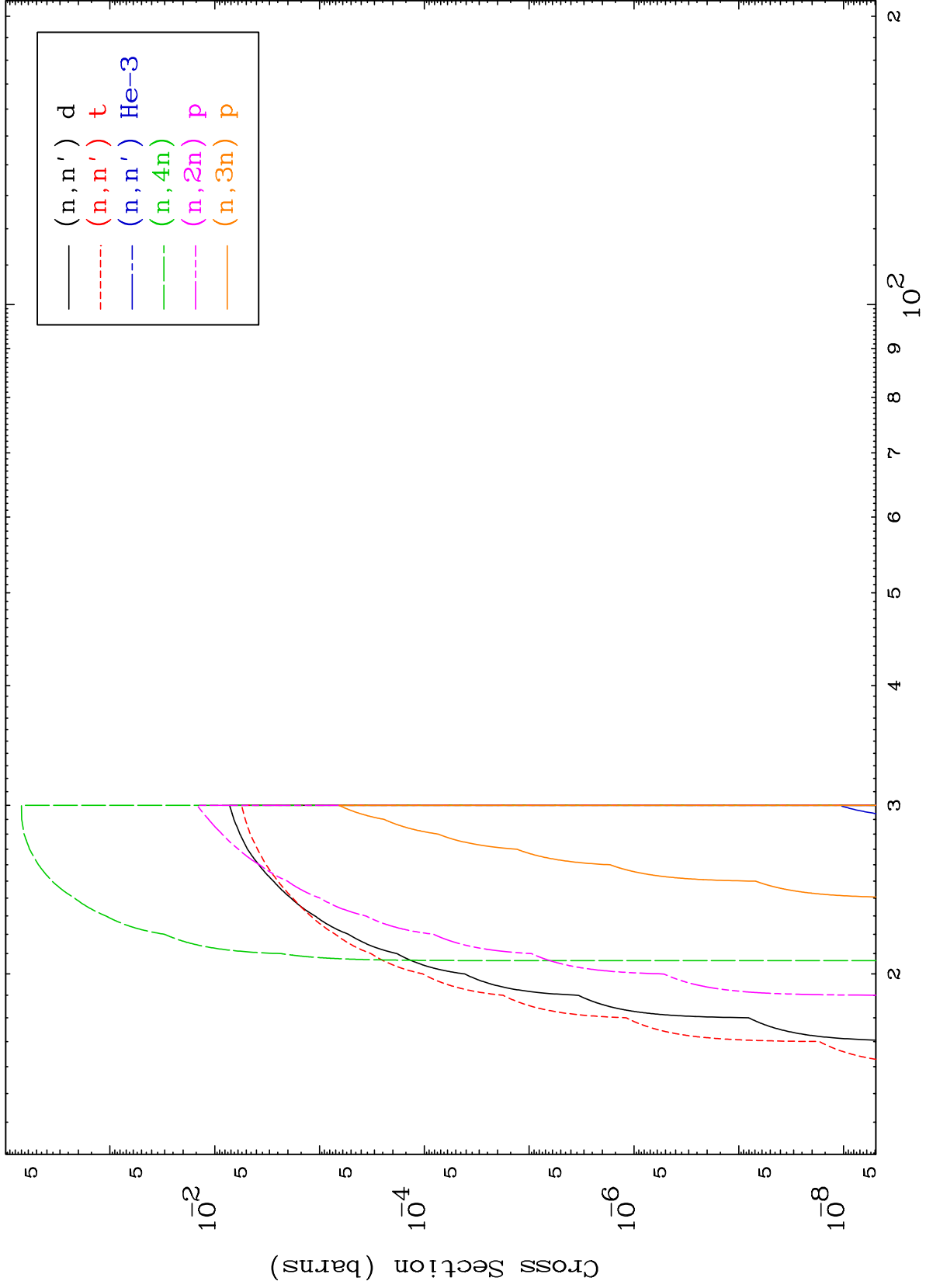
43-Tc-107



2

Incident Energy (MeV)

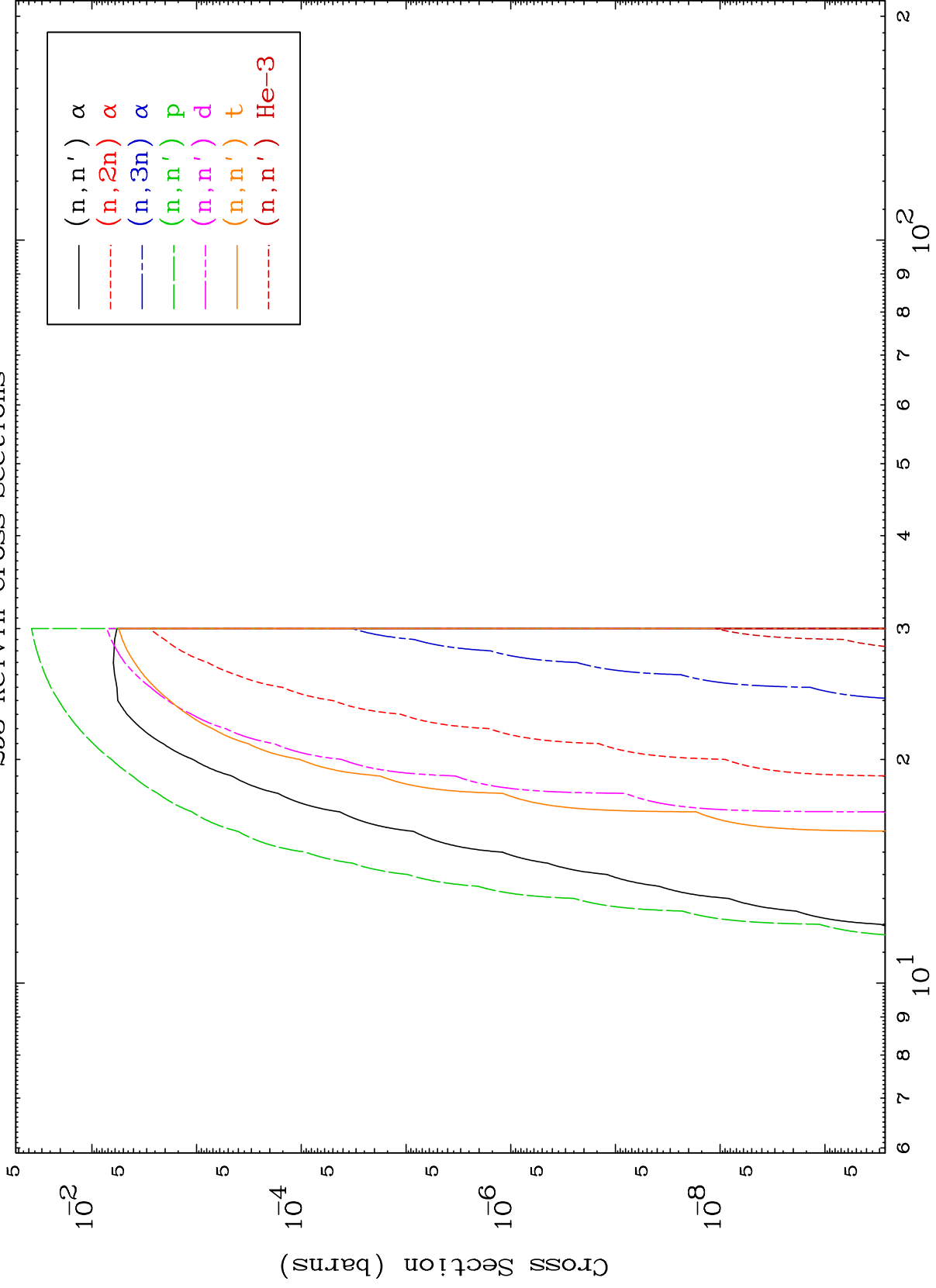
43-Tc-107



MAT 4349

Charged Particle
293 Kelvin Cross Sections

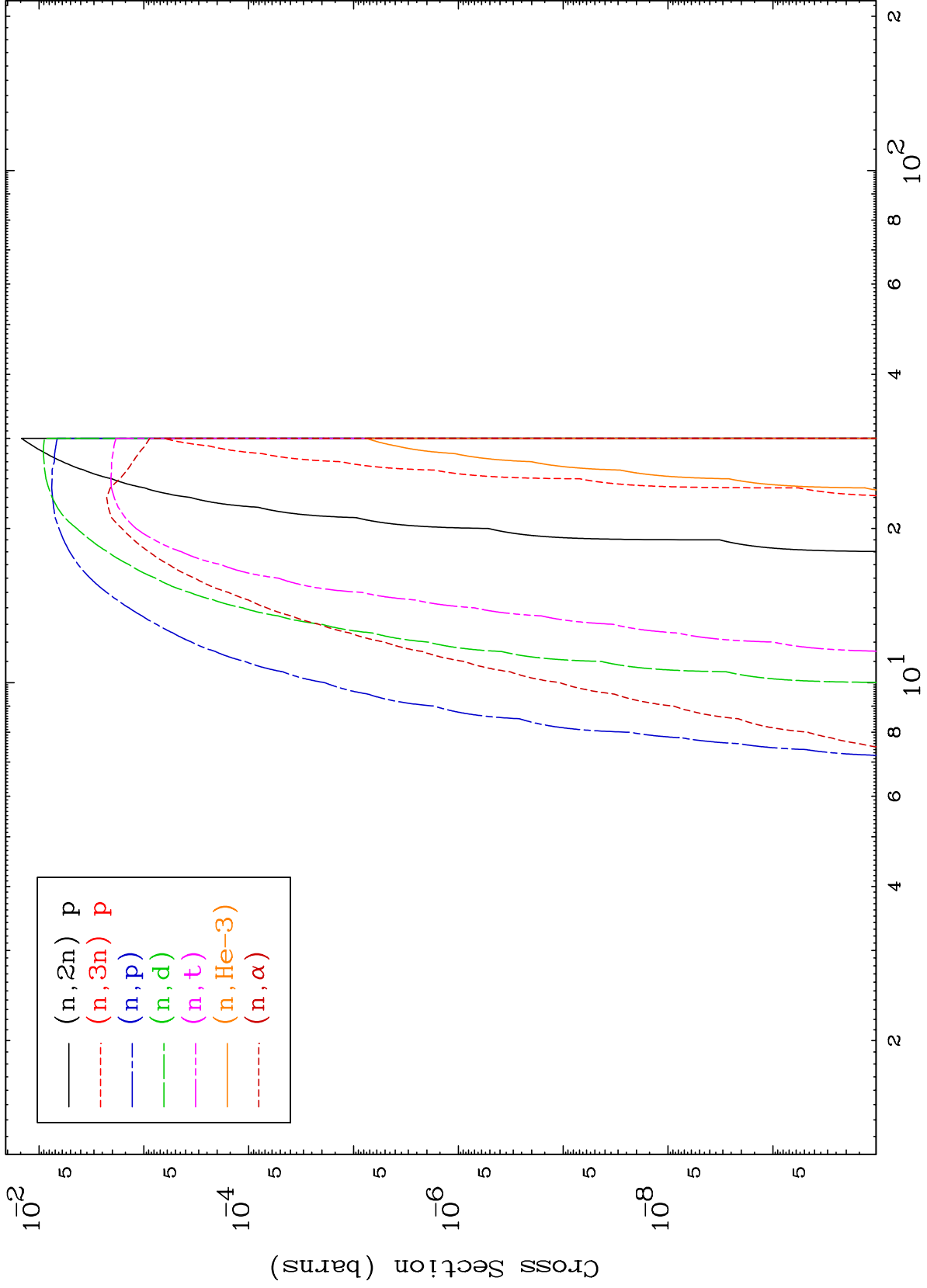
43-Tc-107



4

Incident Energy (MeV)

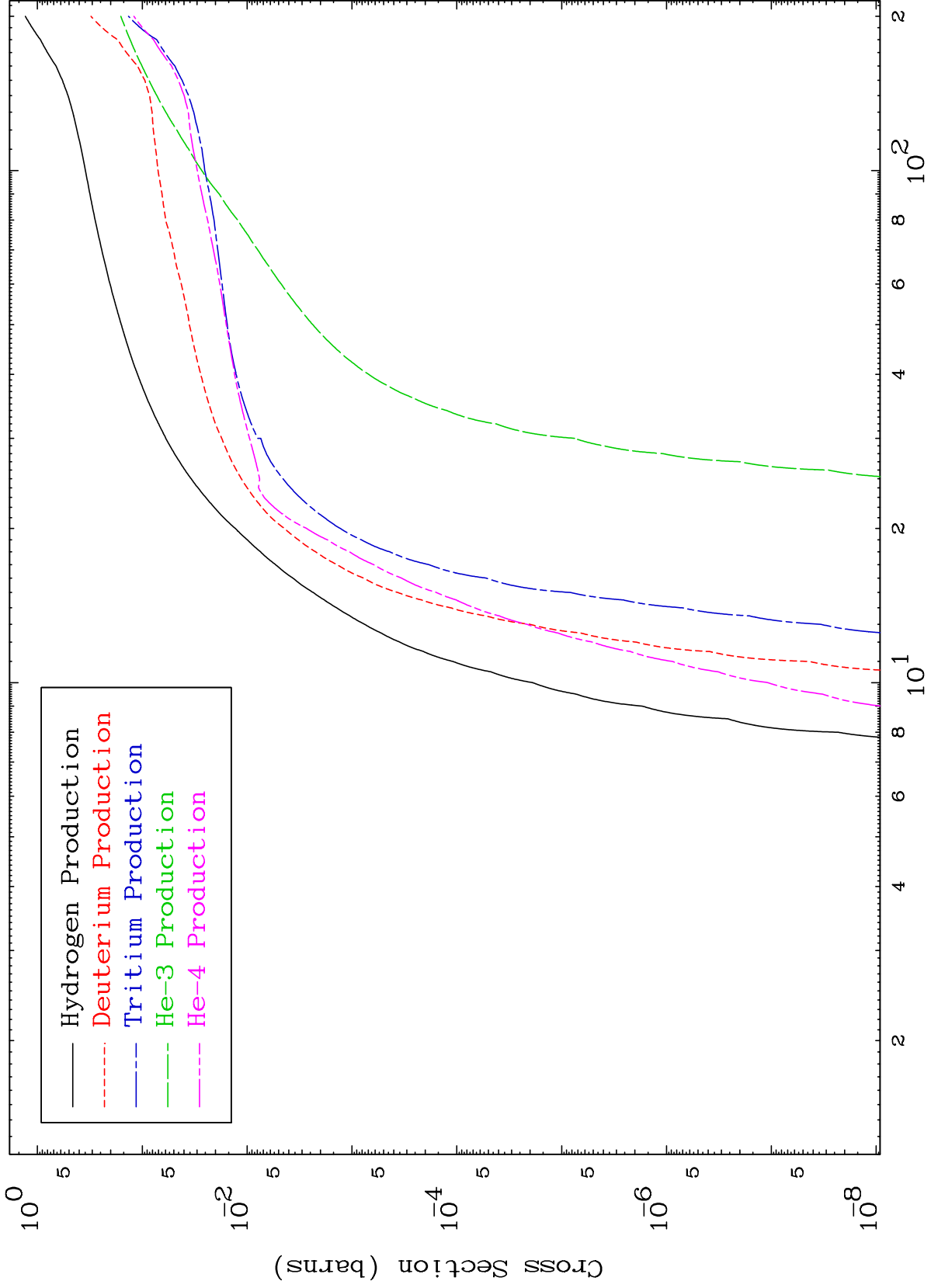
43-Tc-107



MAT 4349

Particle Production
293 Kelvin Cross Sections

43-Tc-107



6

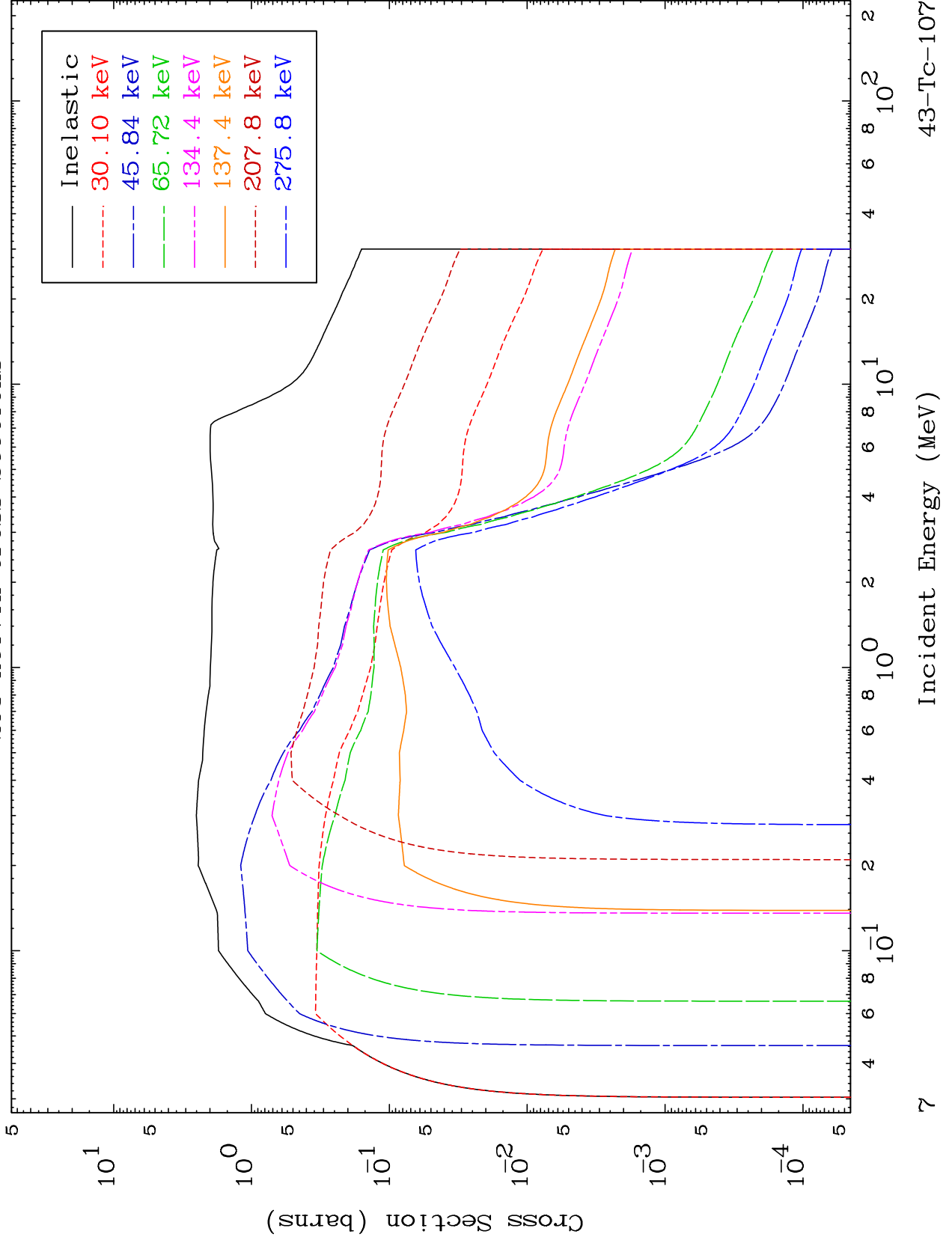
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,n') Level
293 Kelvin Cross Sections

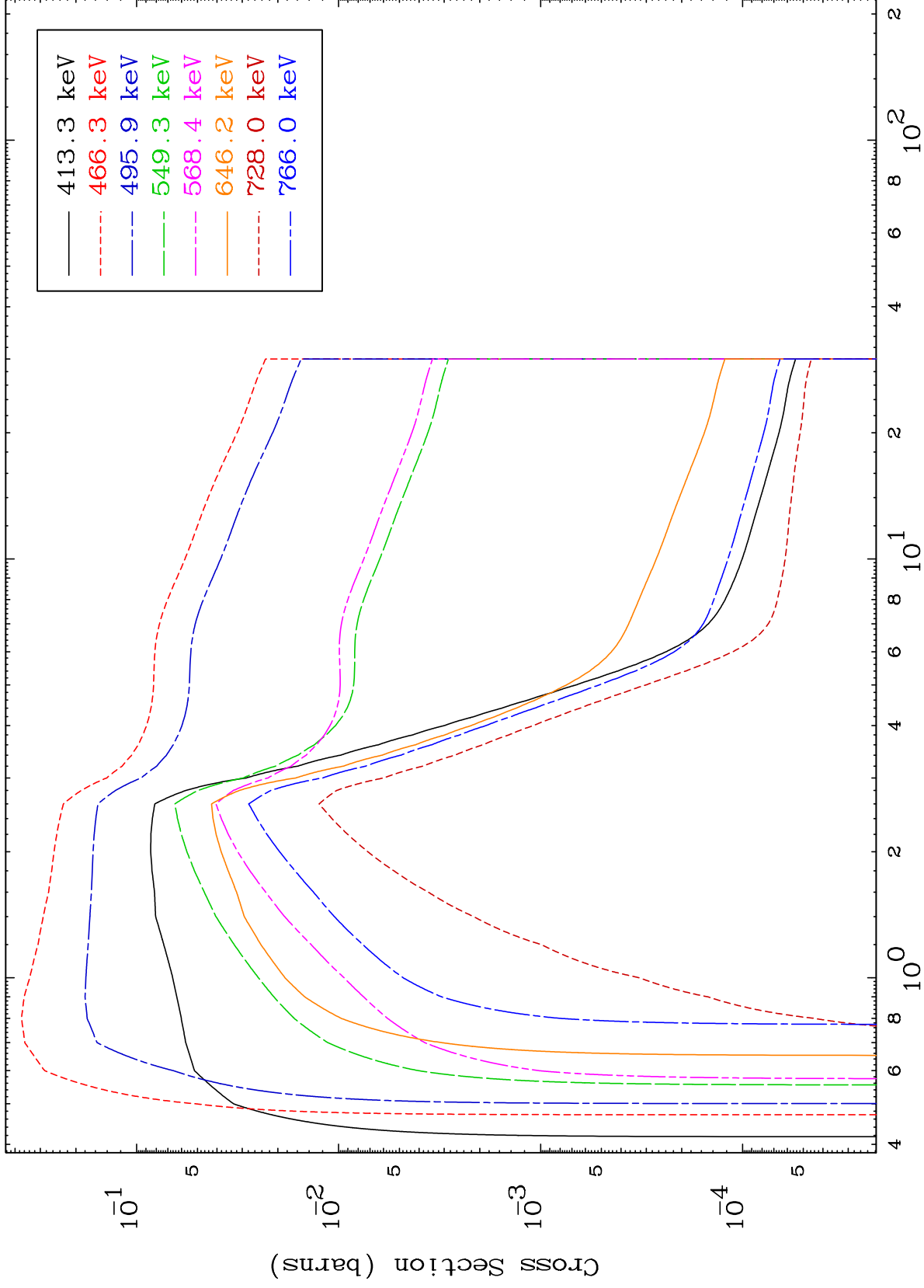
43-Tc-107



MAT 4349

(n,n') Level
293 Kelvin Cross Sections

43-Tc-107



8

Incident Energy (MeV)

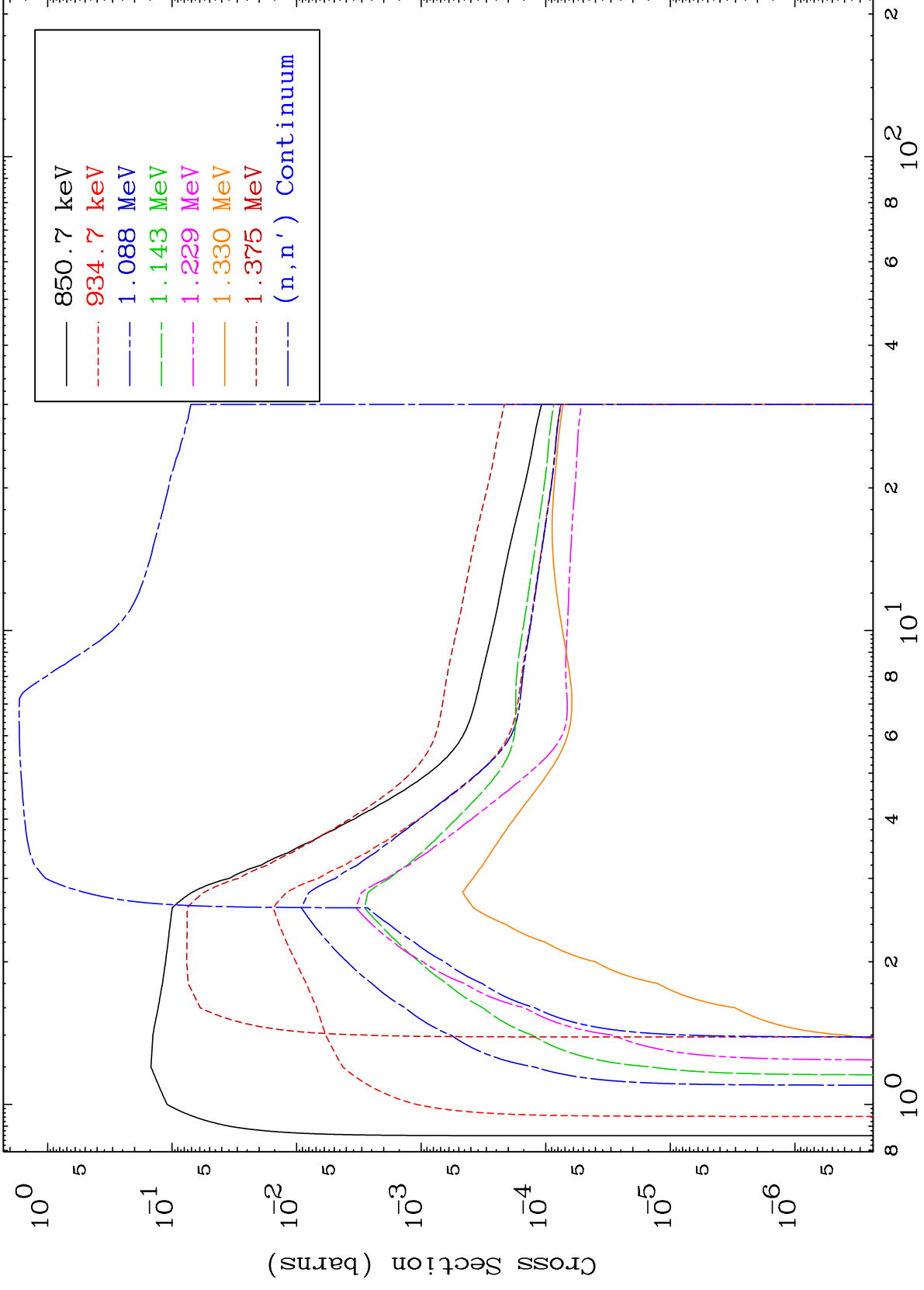
43-Tc-107

MAT 4349

(n,n') Level

43-Tc-107

293 Kelvin Cross Sections



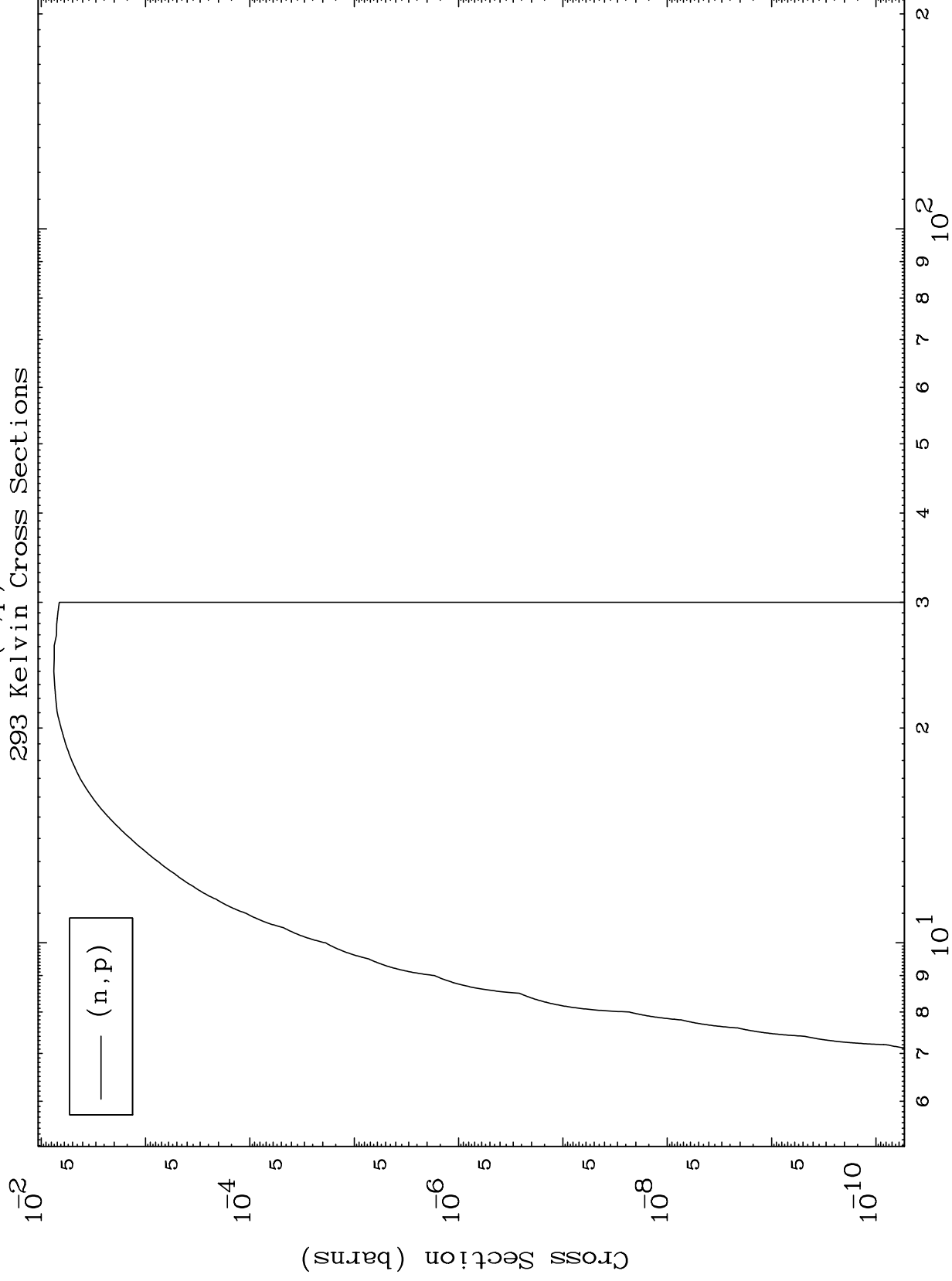
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-107



10

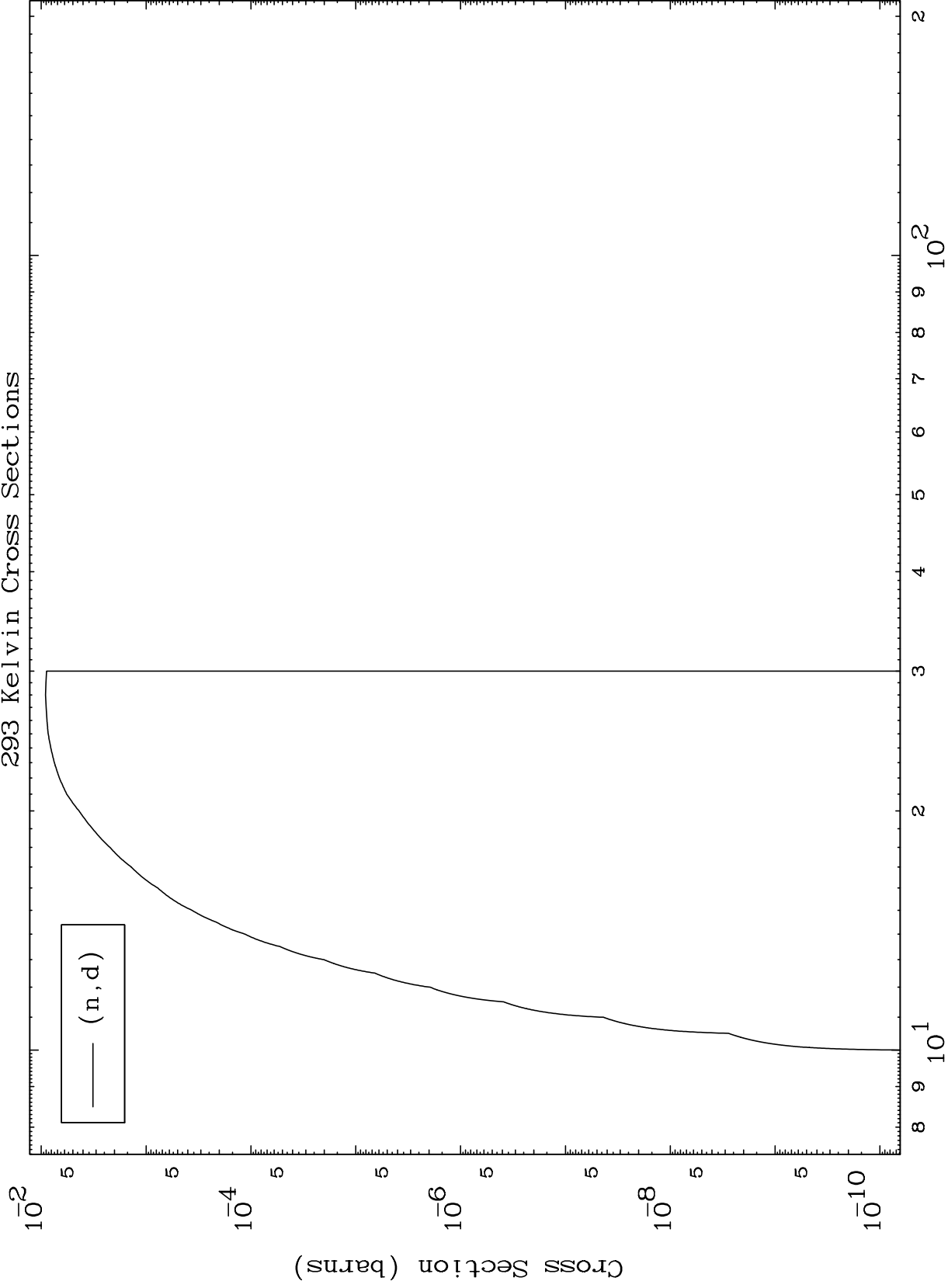
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-107



11

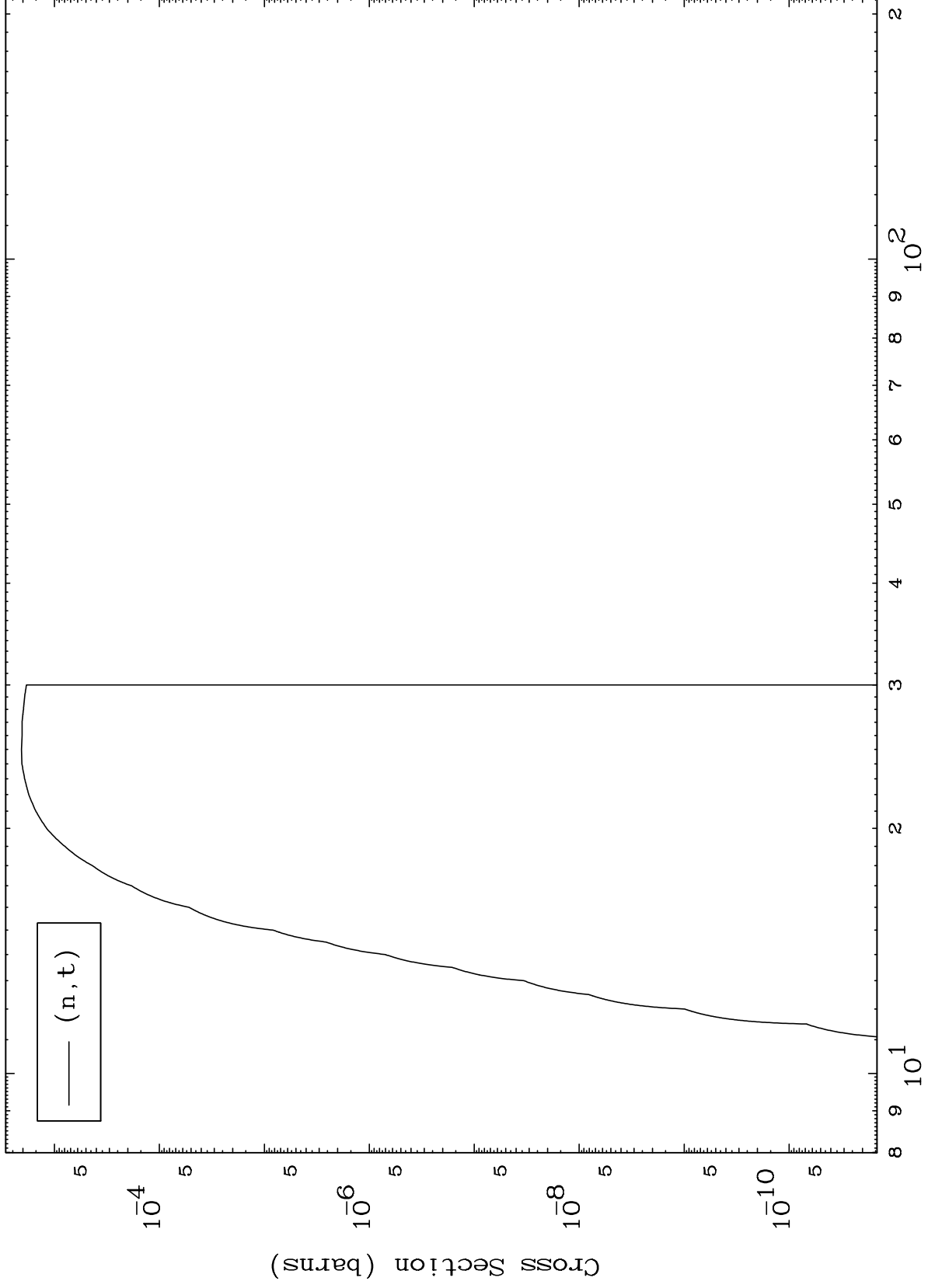
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-107



12

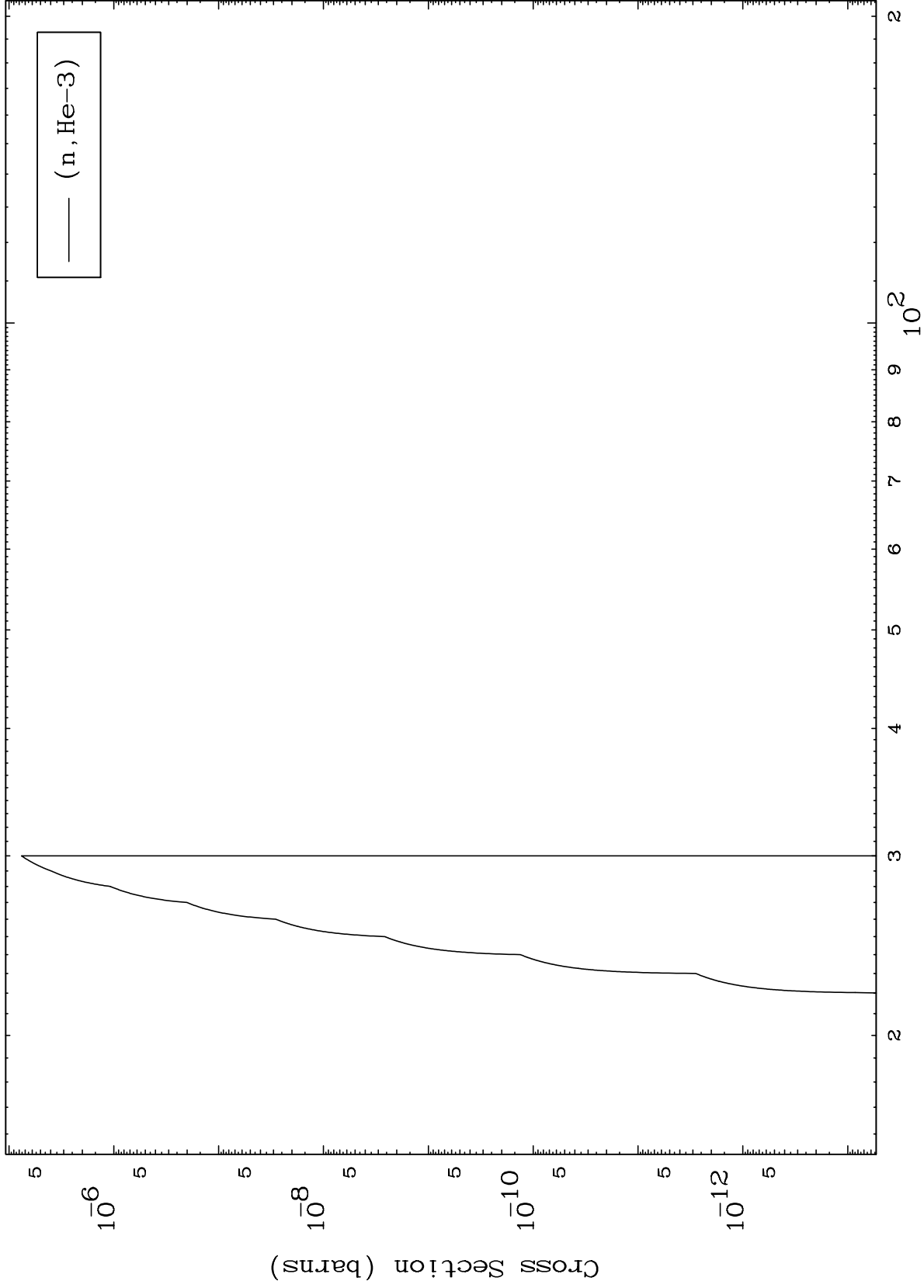
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-107



13

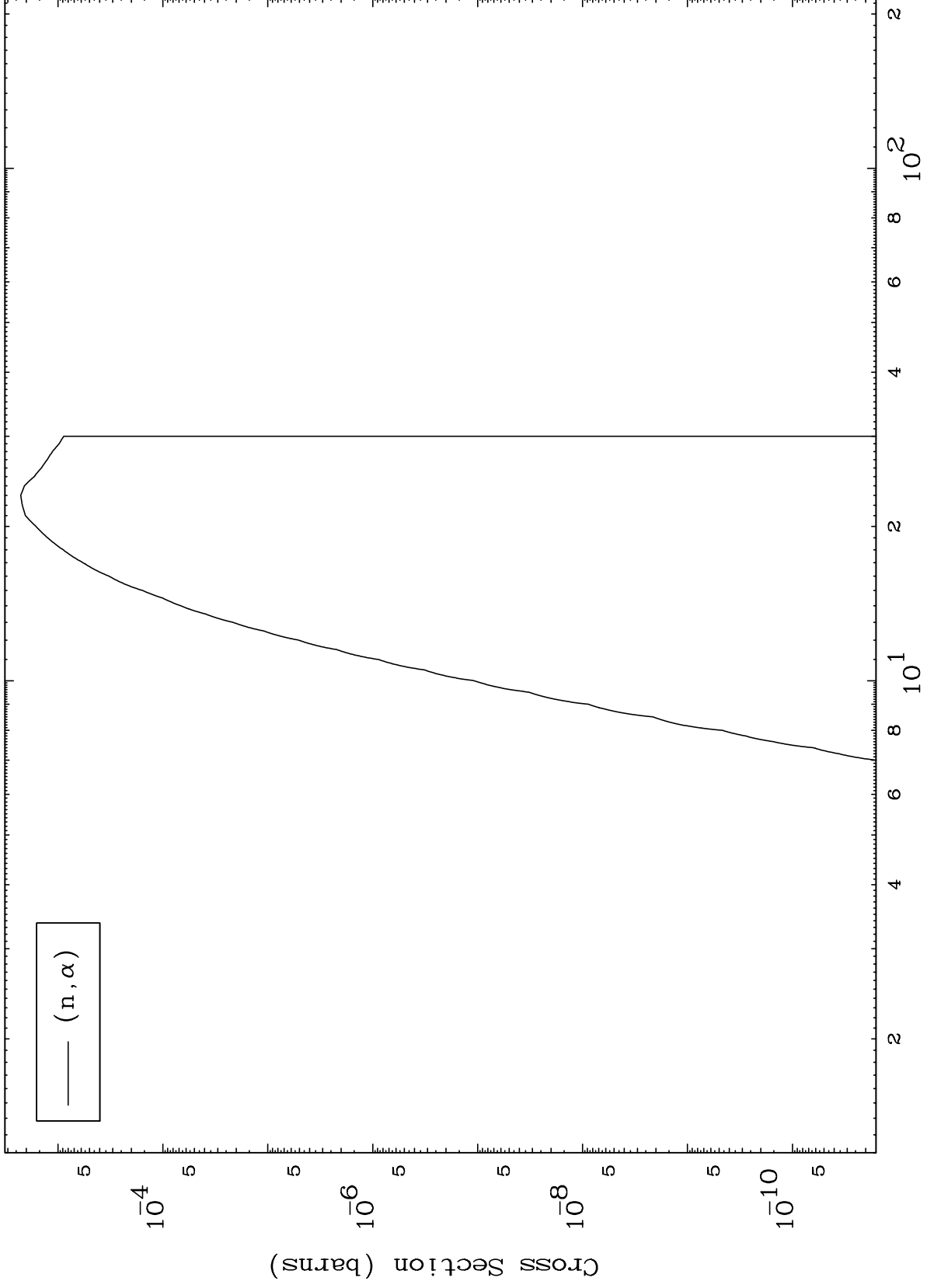
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n, α) Levels
293 Kelvin Cross Sections

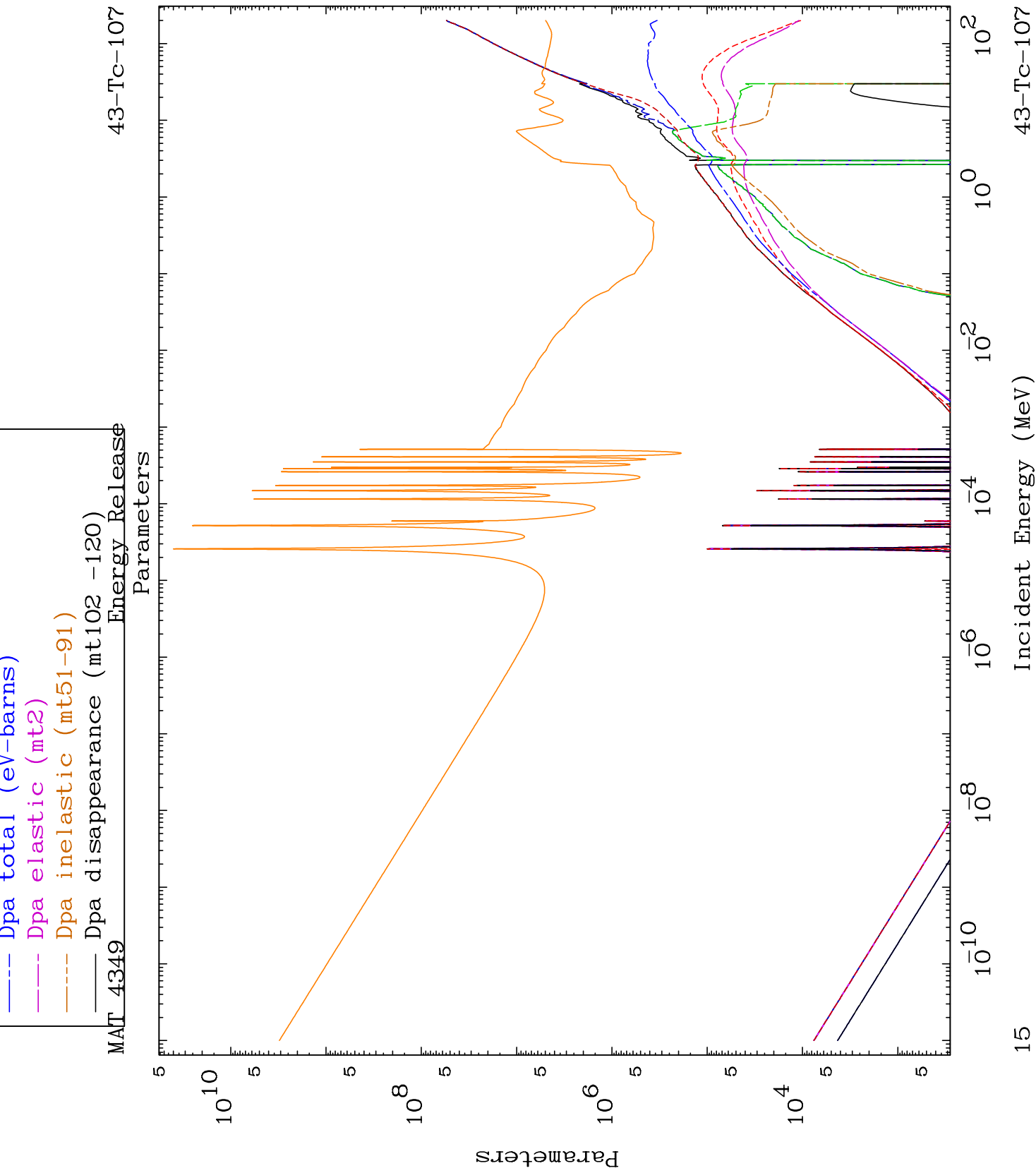
43-Tc-107



14

Incident Energy (MeV)

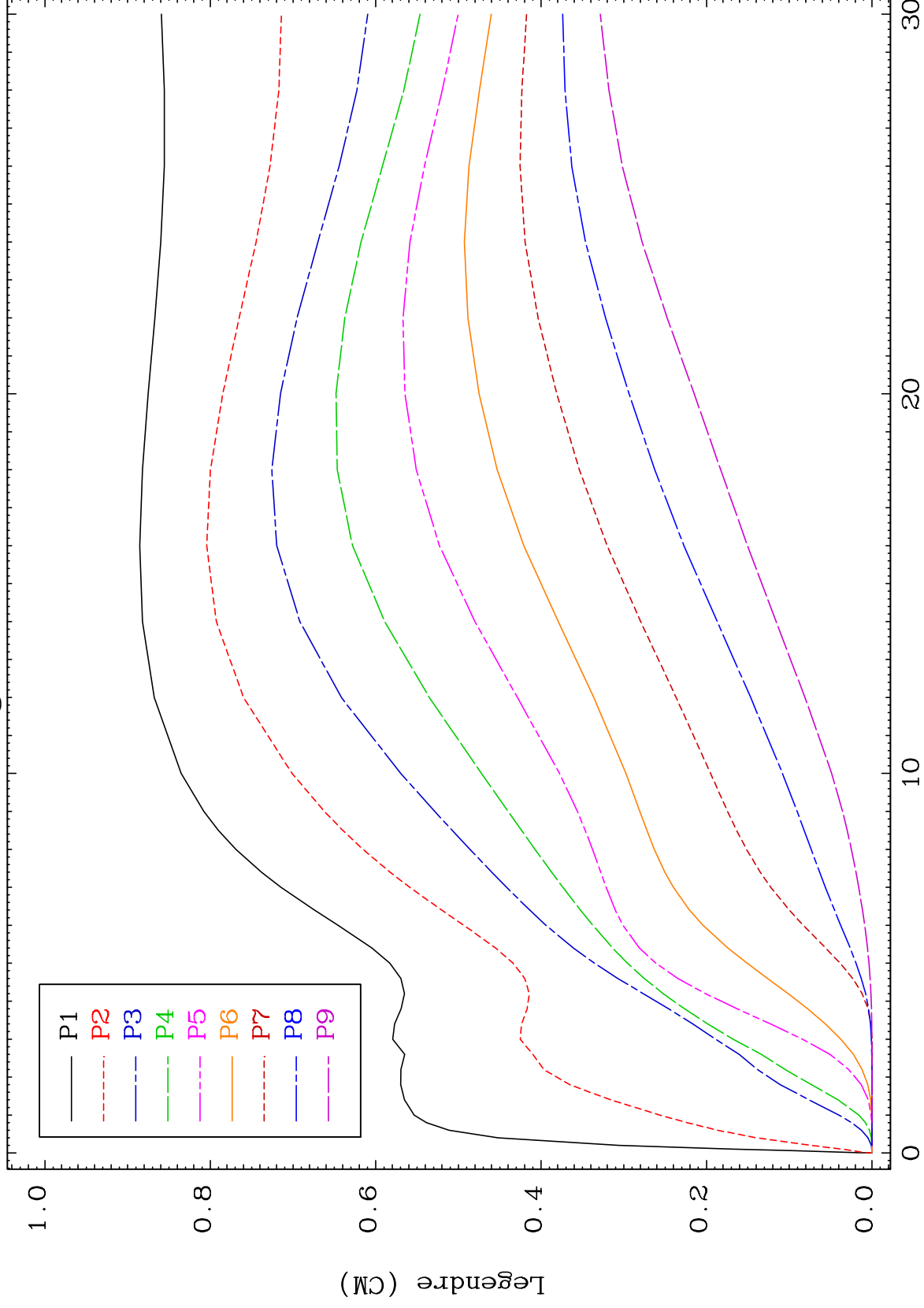
43-Tc-107



MAT 4349

Elastic Legendre Coefficients

43-Tc-107



16

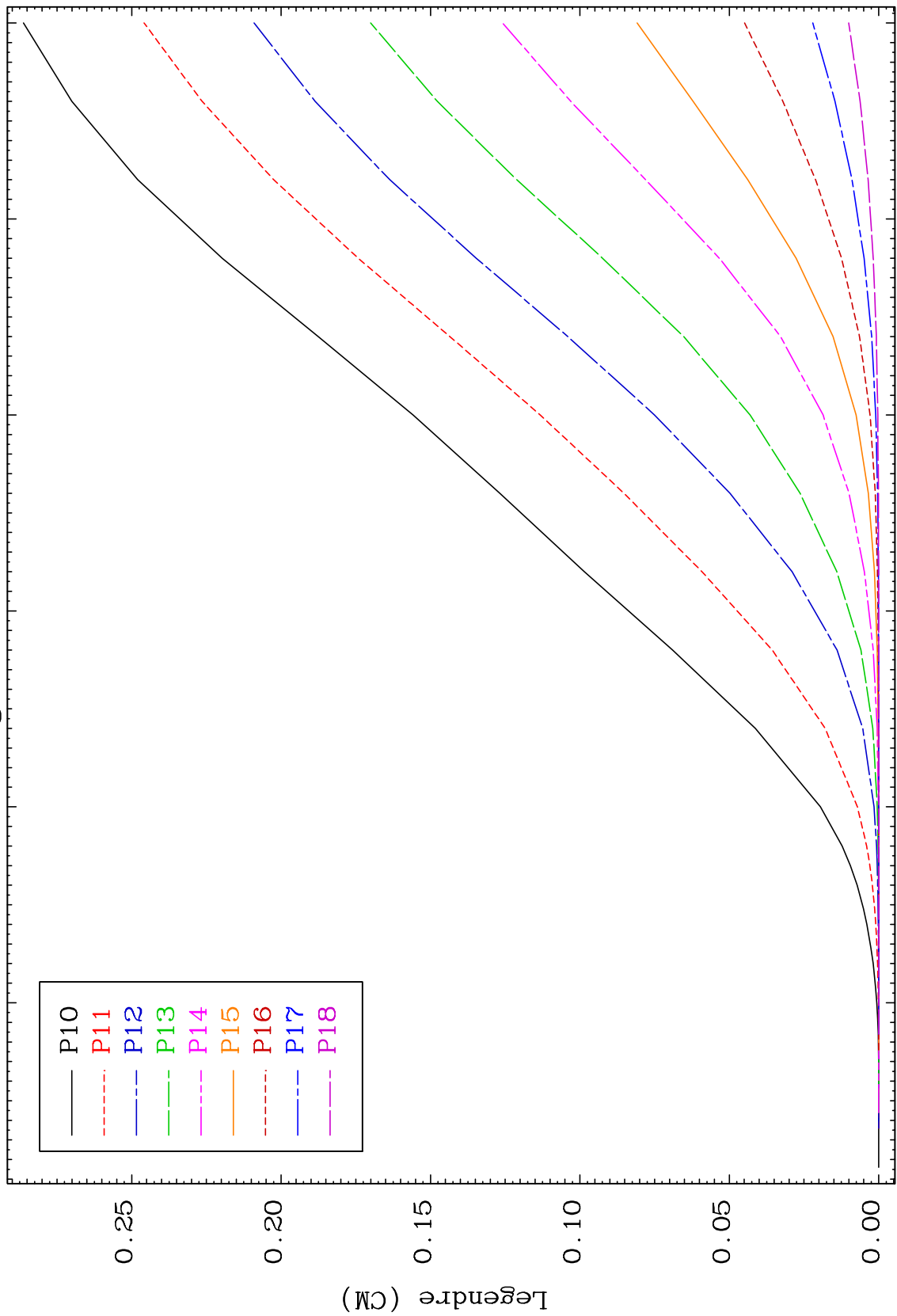
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic Legendre Coefficients

43-Tc-107



17

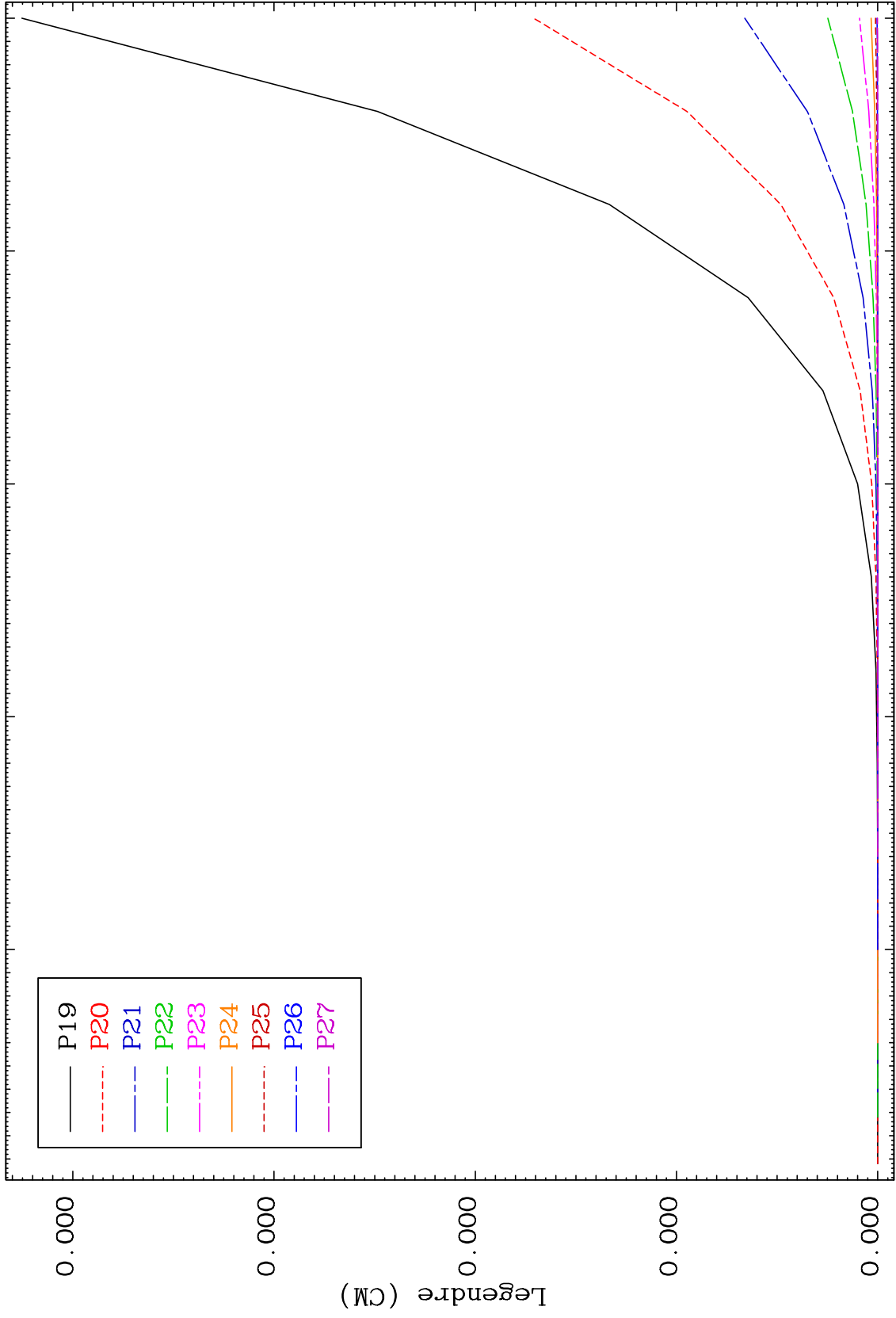
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic Legendre Coefficients

43-Tc-107



18

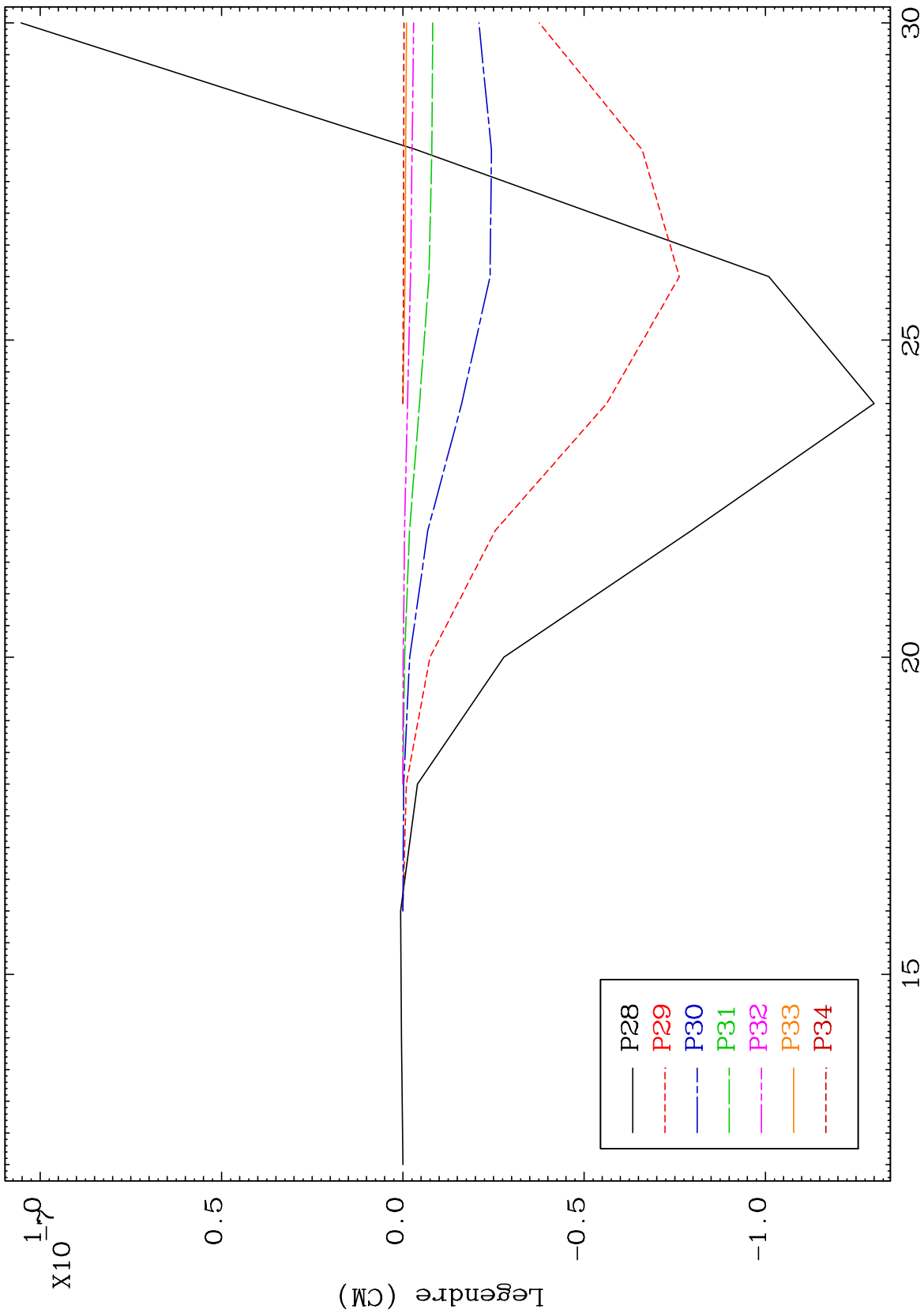
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic
Legendre Coefficients

43-Tc-107



19

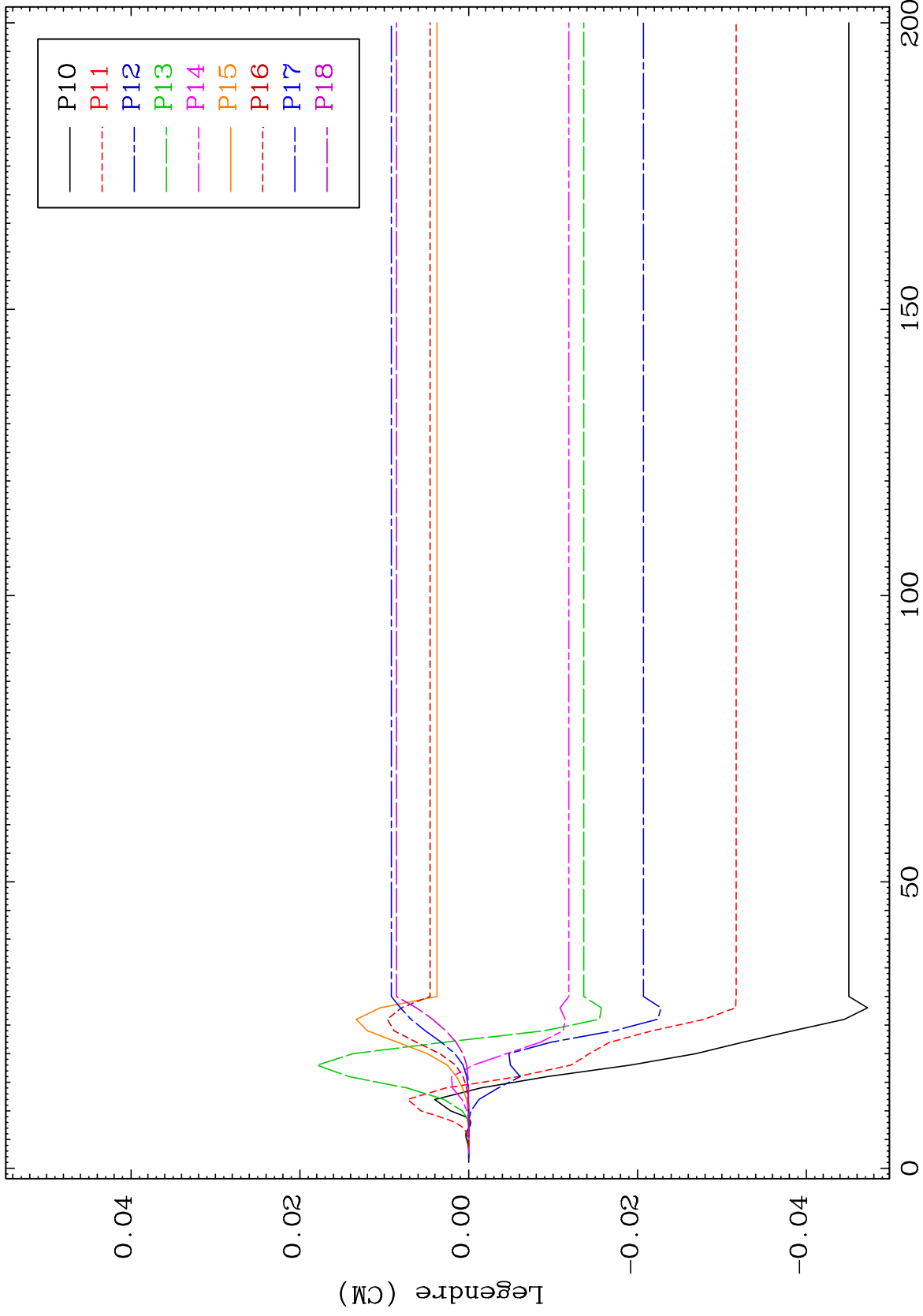
Incident Energy (MeV)

43-Tc-107

MAT 4349

30.10 keV (n,n') Level
Legendre Coefficients

43-Tc-107



21

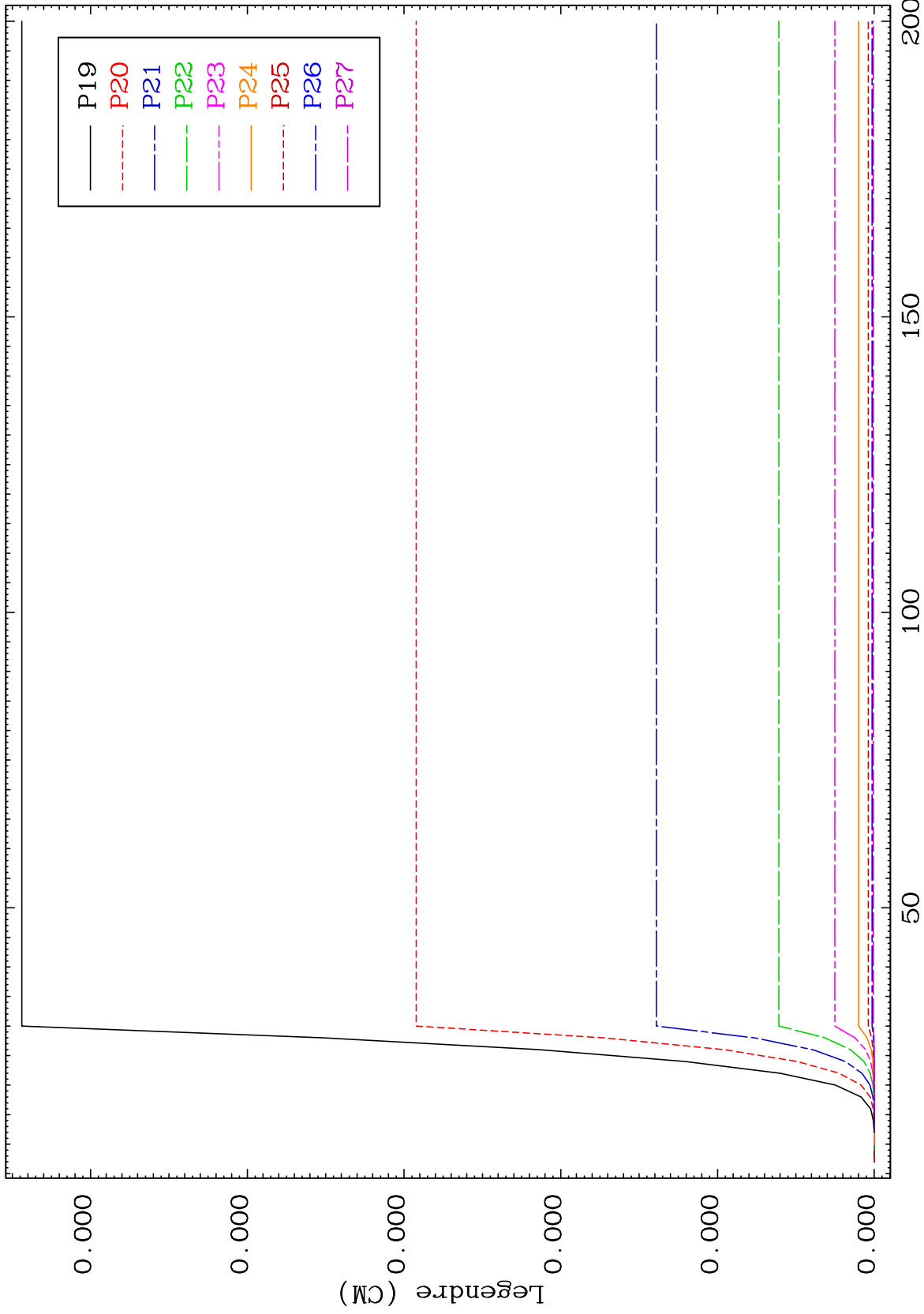
Incident Energy (MeV)

43-Tc-107

MAT 4349

30.10 keV (n,n') Level
Legendre Coefficients

43-Tc-107



22

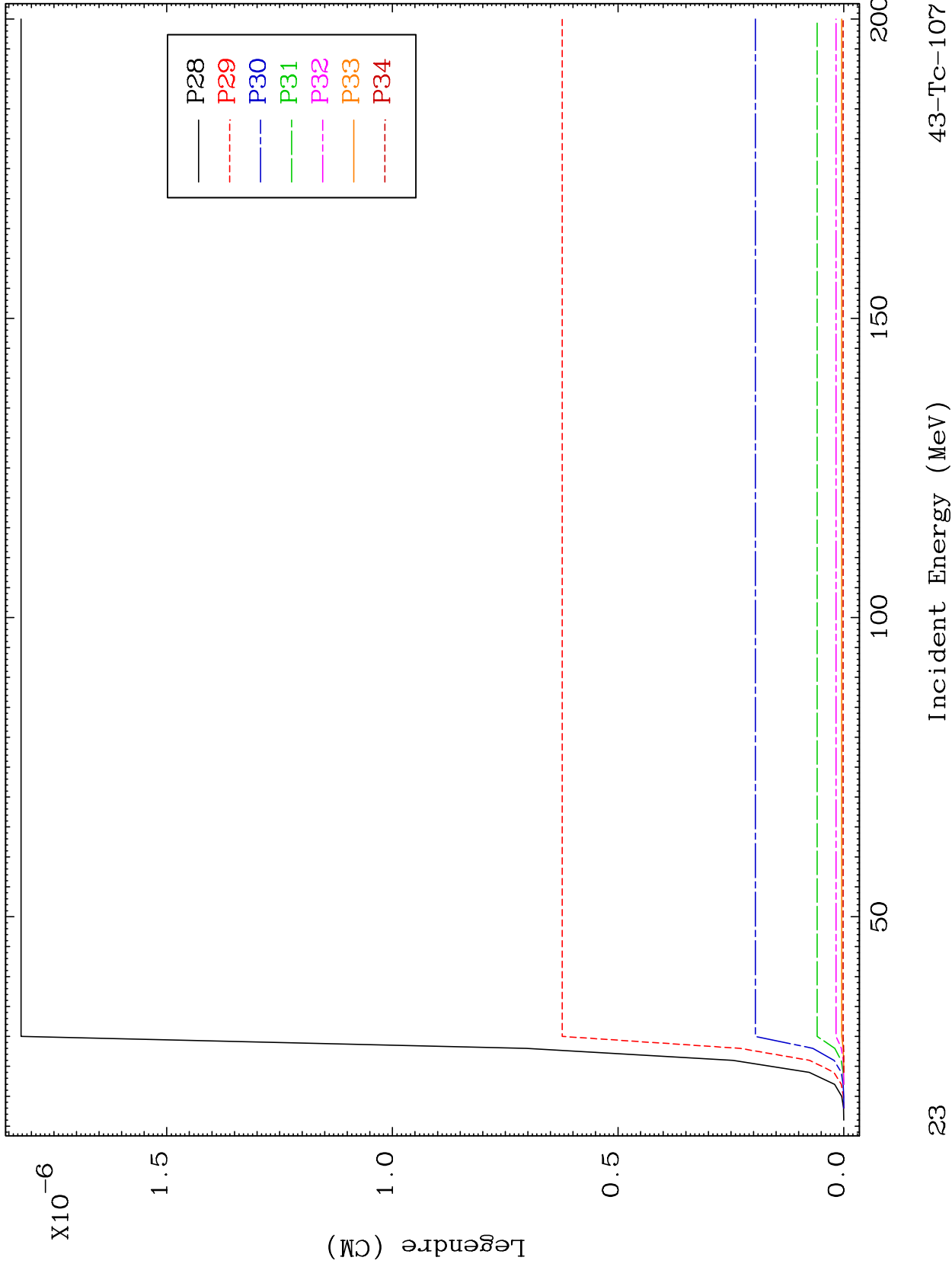
Incident Energy (MeV)

43-Tc-107

MAT 4349

30.10 keV (n,n') Level
Legendre Coefficients

43-Tc-107



23

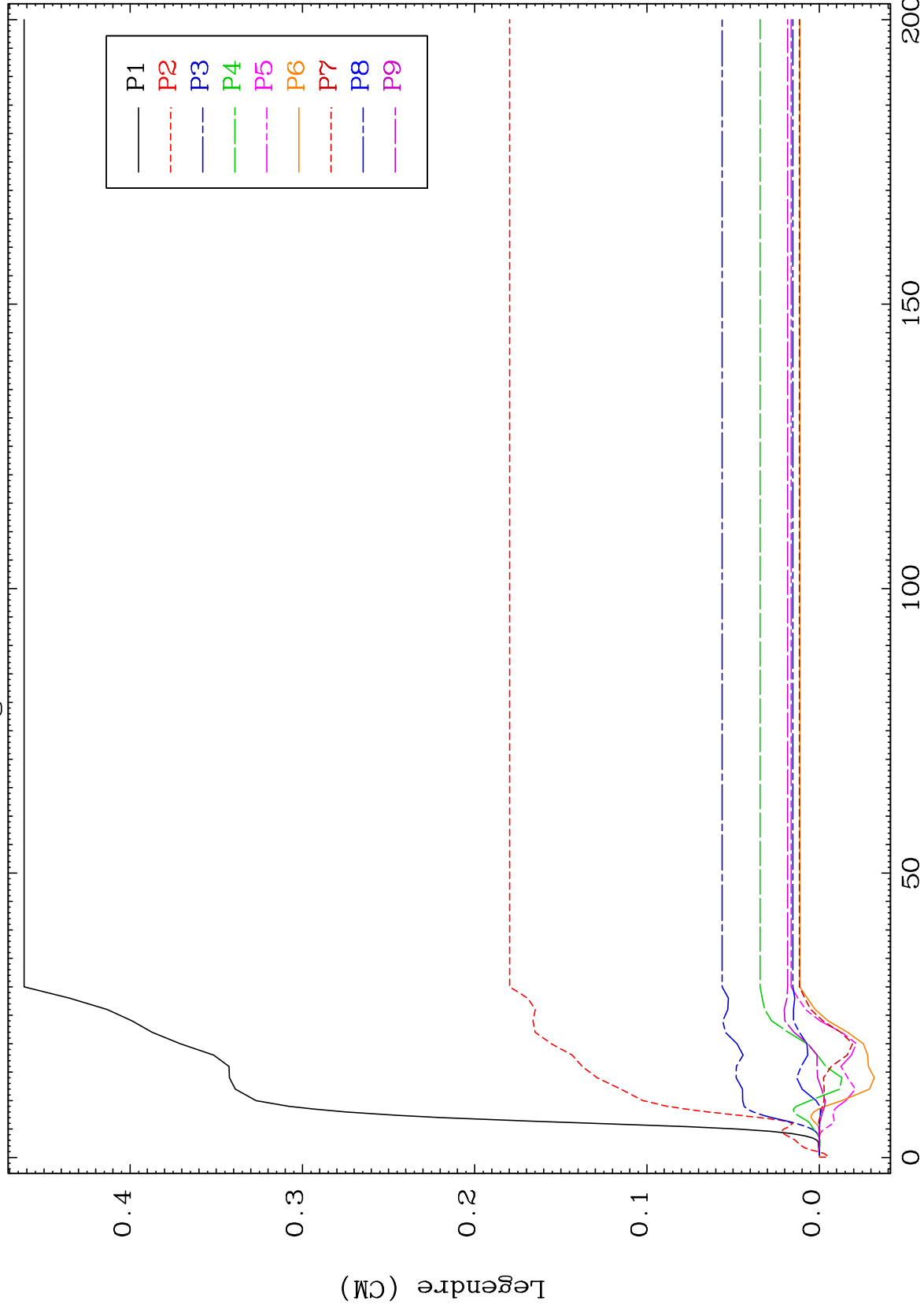
Incident Energy (MeV)

43-Tc-107

MAT 4349

45.84 keV (n,n') Level
Legendre Coefficients

43-Tc-107



24

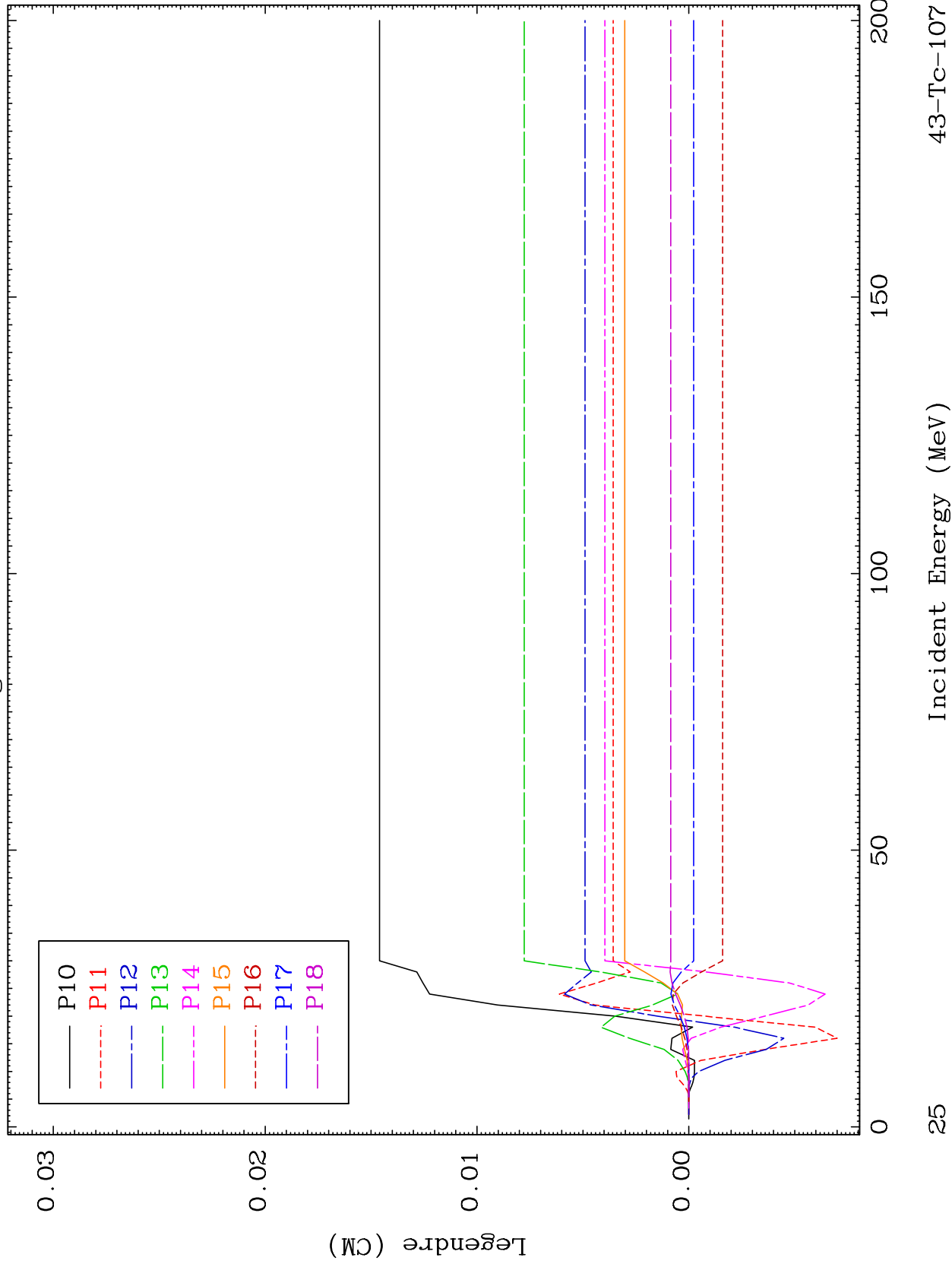
Incident Energy (MeV)

43-Tc-107

MAT 4349

45.84 keV (n,n') Level
Legendre Coefficients

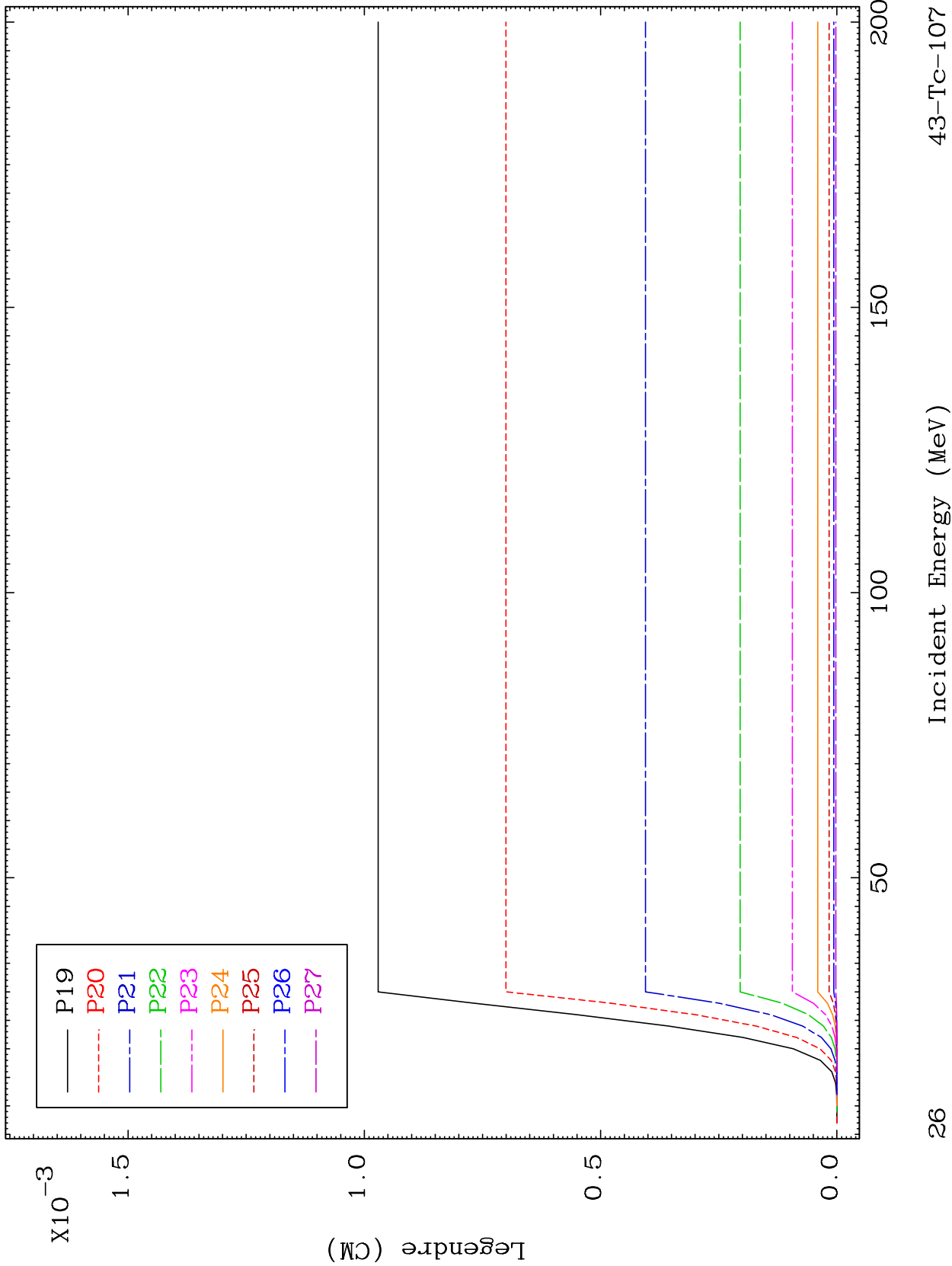
43-Tc-107



43-Tc-107

Incident Energy (MeV)

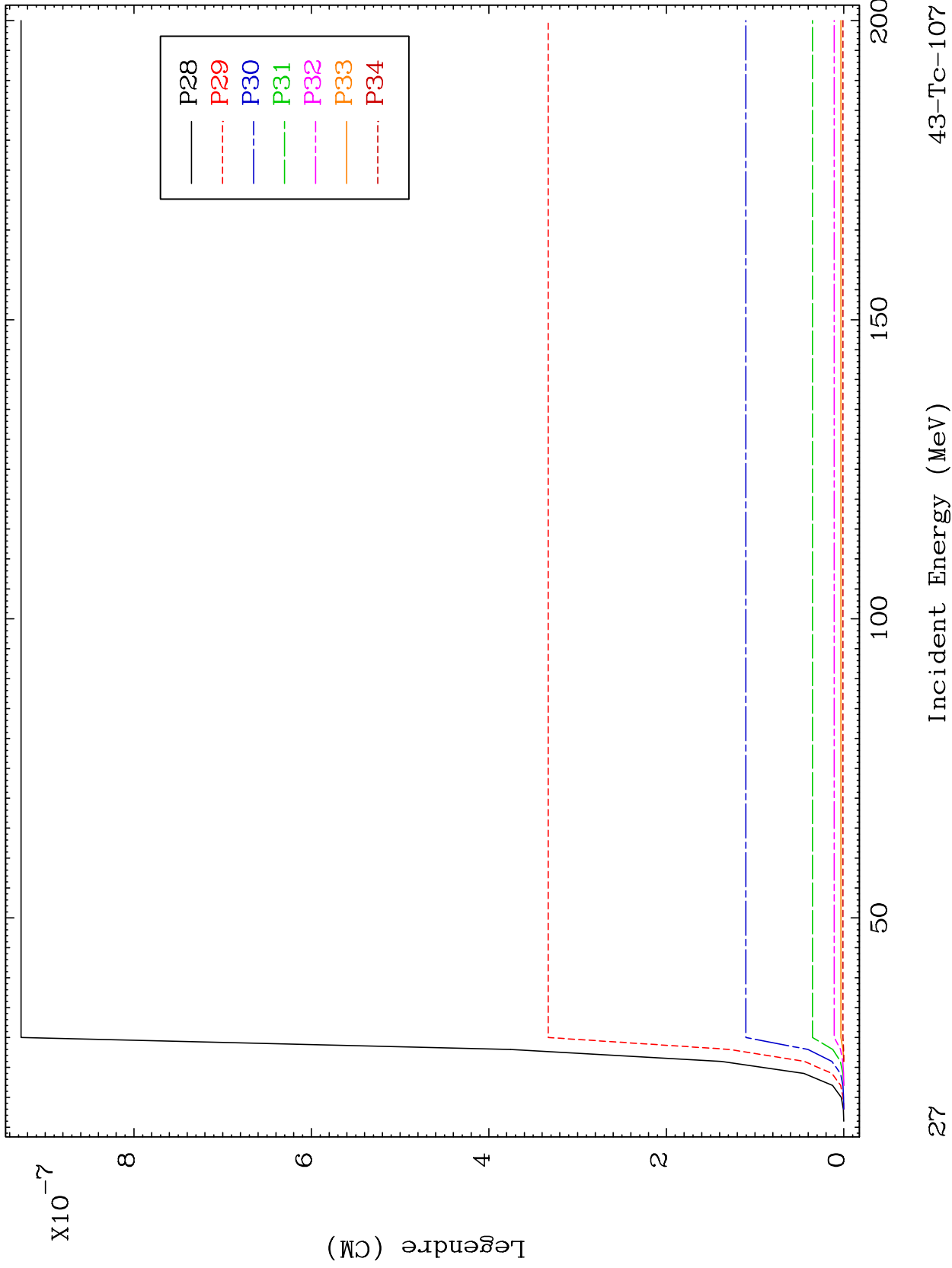
25



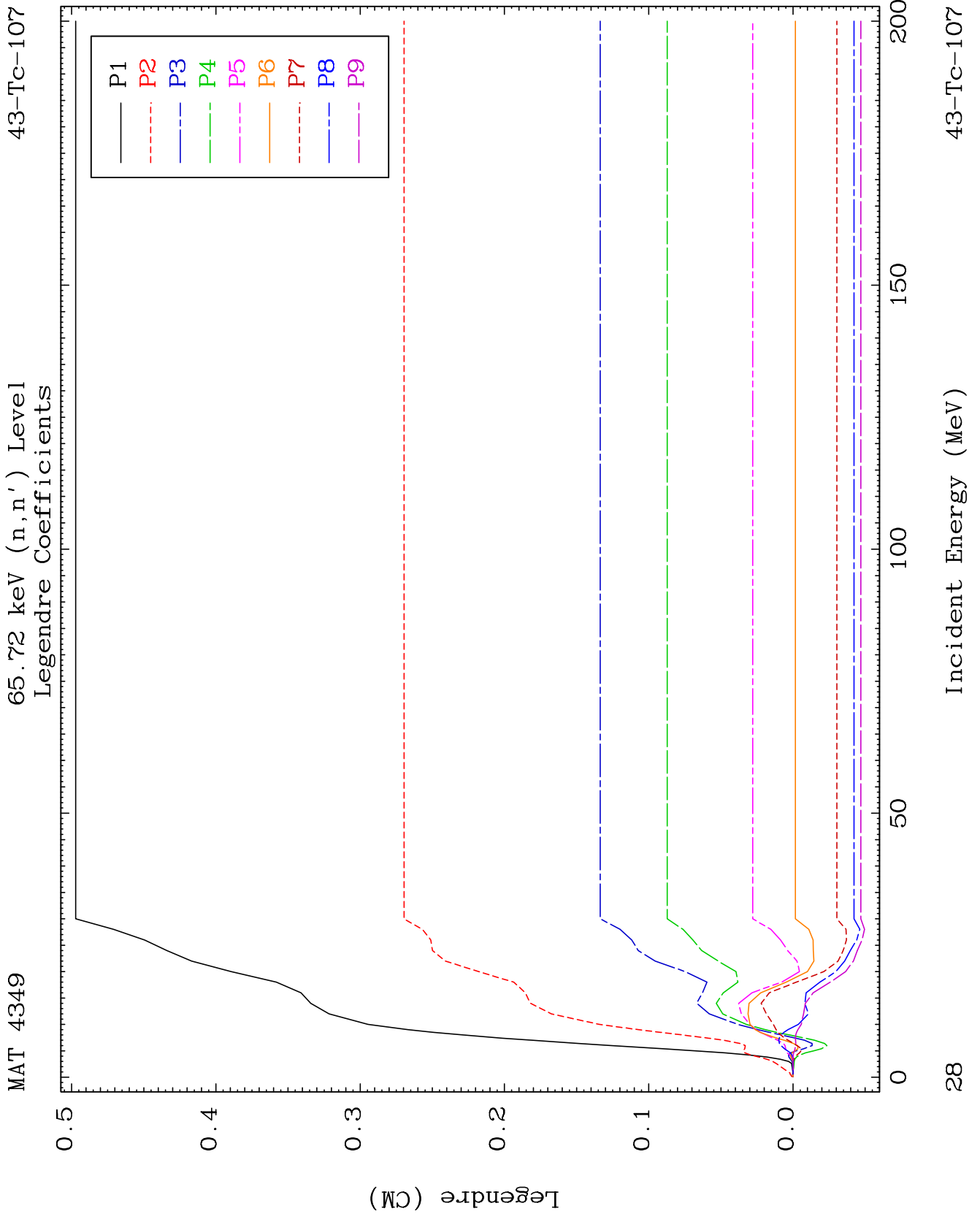
MAT 4349

45.84 keV (n,n') Level
Legendre Coefficients

43-Tc-107



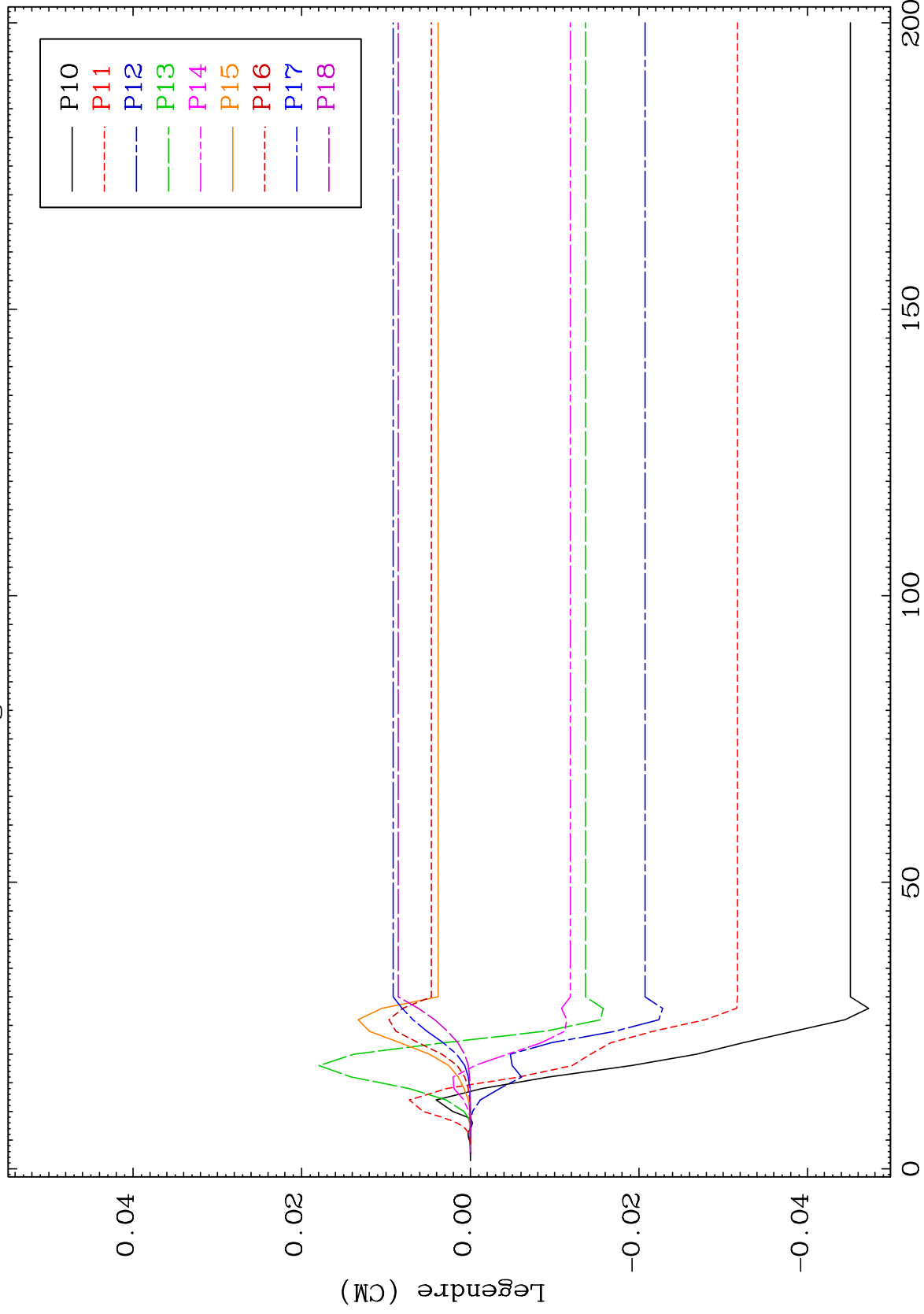
27



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65.72 keV (n,n') Level
Legendre Coefficients

43-Tc-107



29

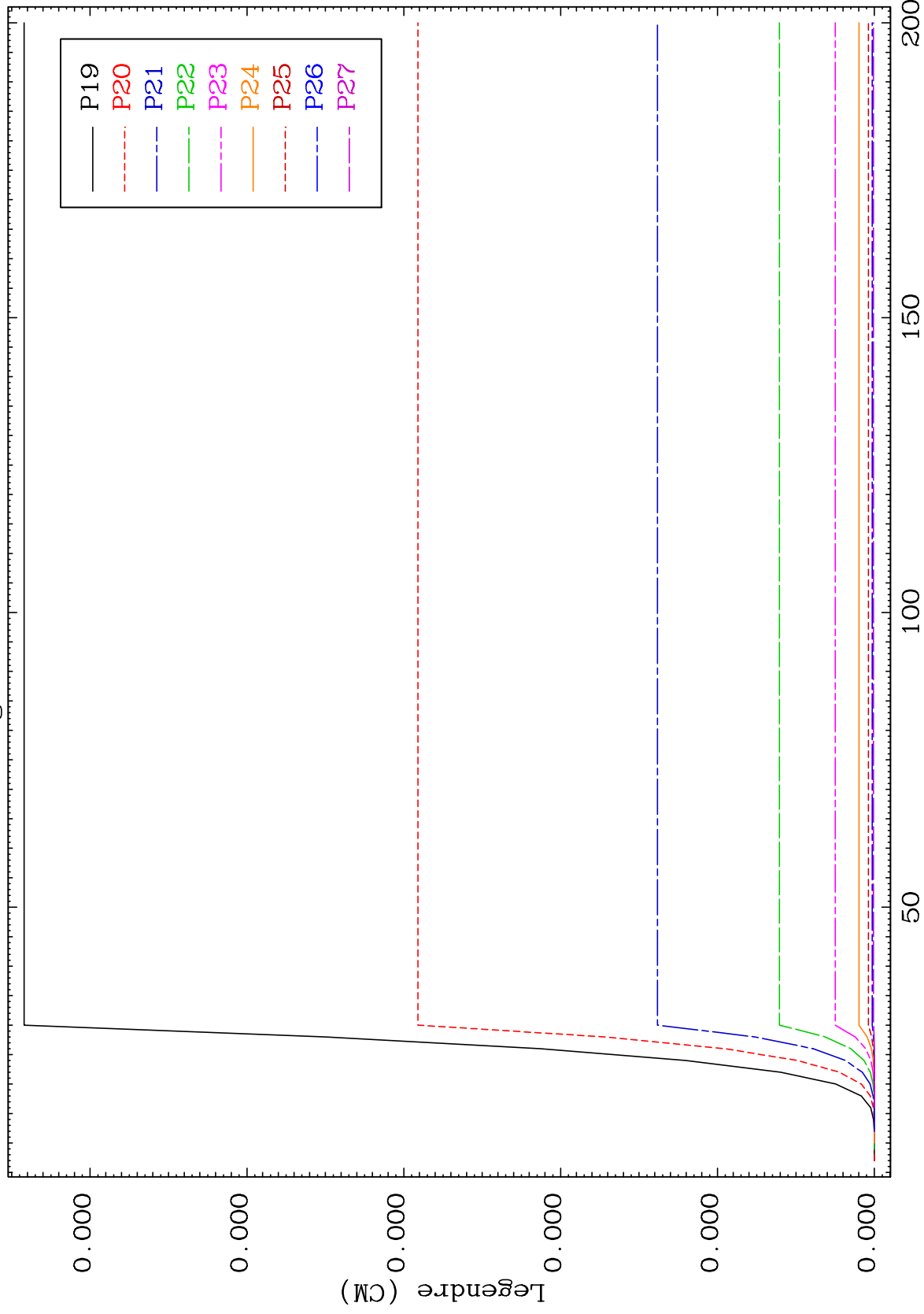
Incident Energy (MeV)

43-Tc-107

MAT 4349

65.72 keV (n,n') Level
Legendre Coefficients

43-Tc-107



30

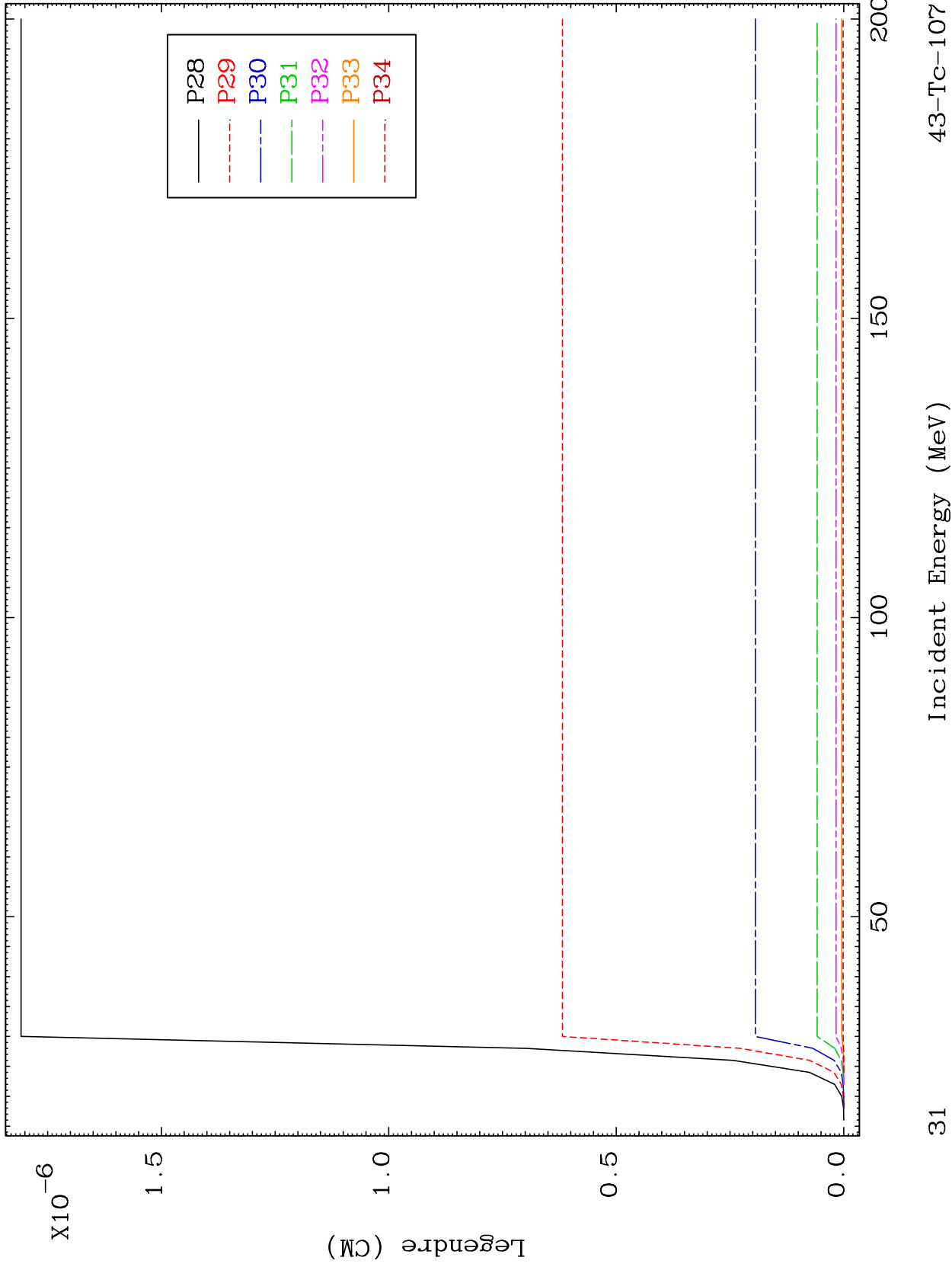
Incident Energy (MeV)

43-Tc-107

MAT 4349

65.72 keV (n,n') Level
Legendre Coefficients

43-Tc-107



31

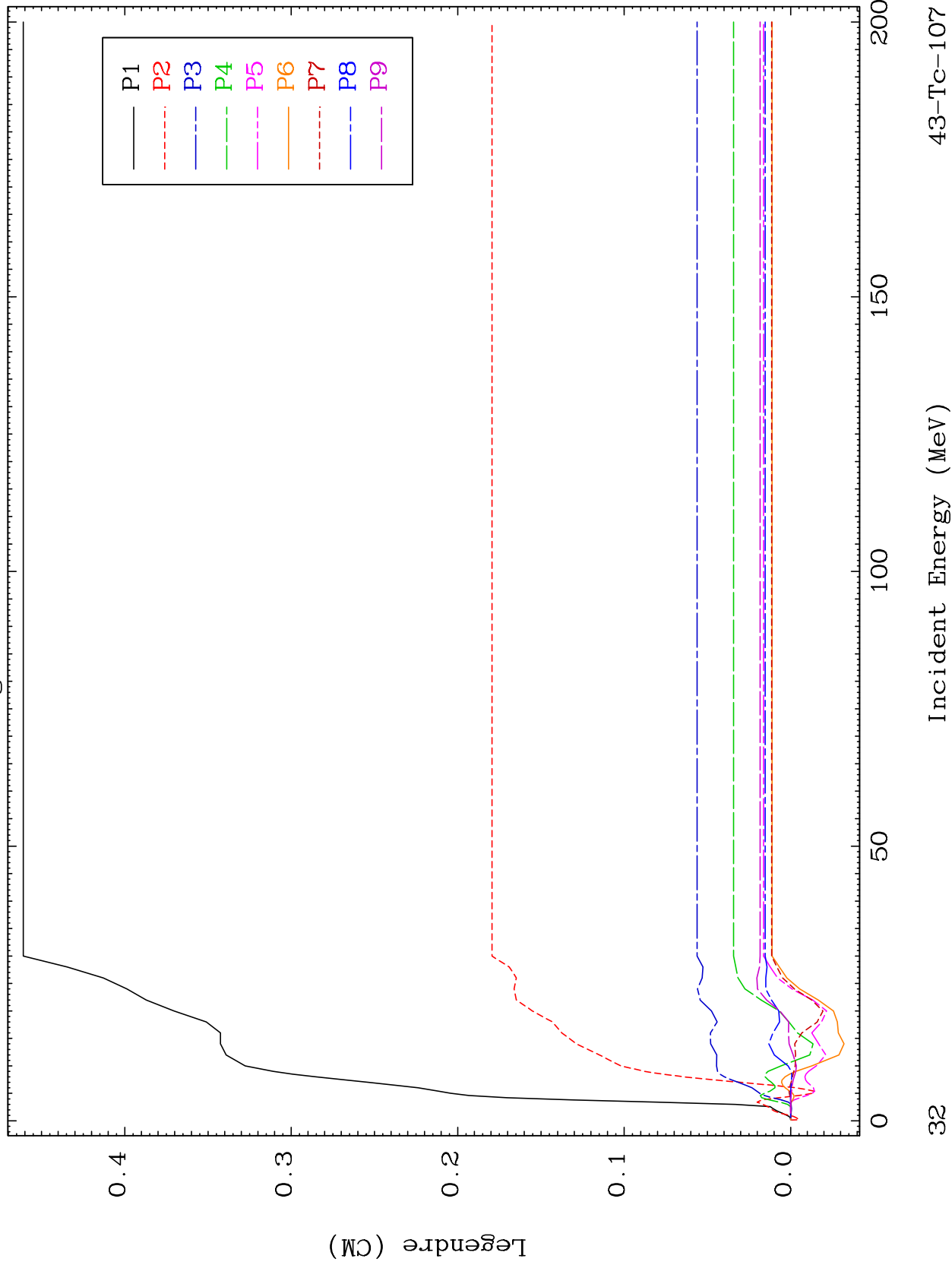
Incident Energy (MeV)

43-Tc-107

MAT 4349

134.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

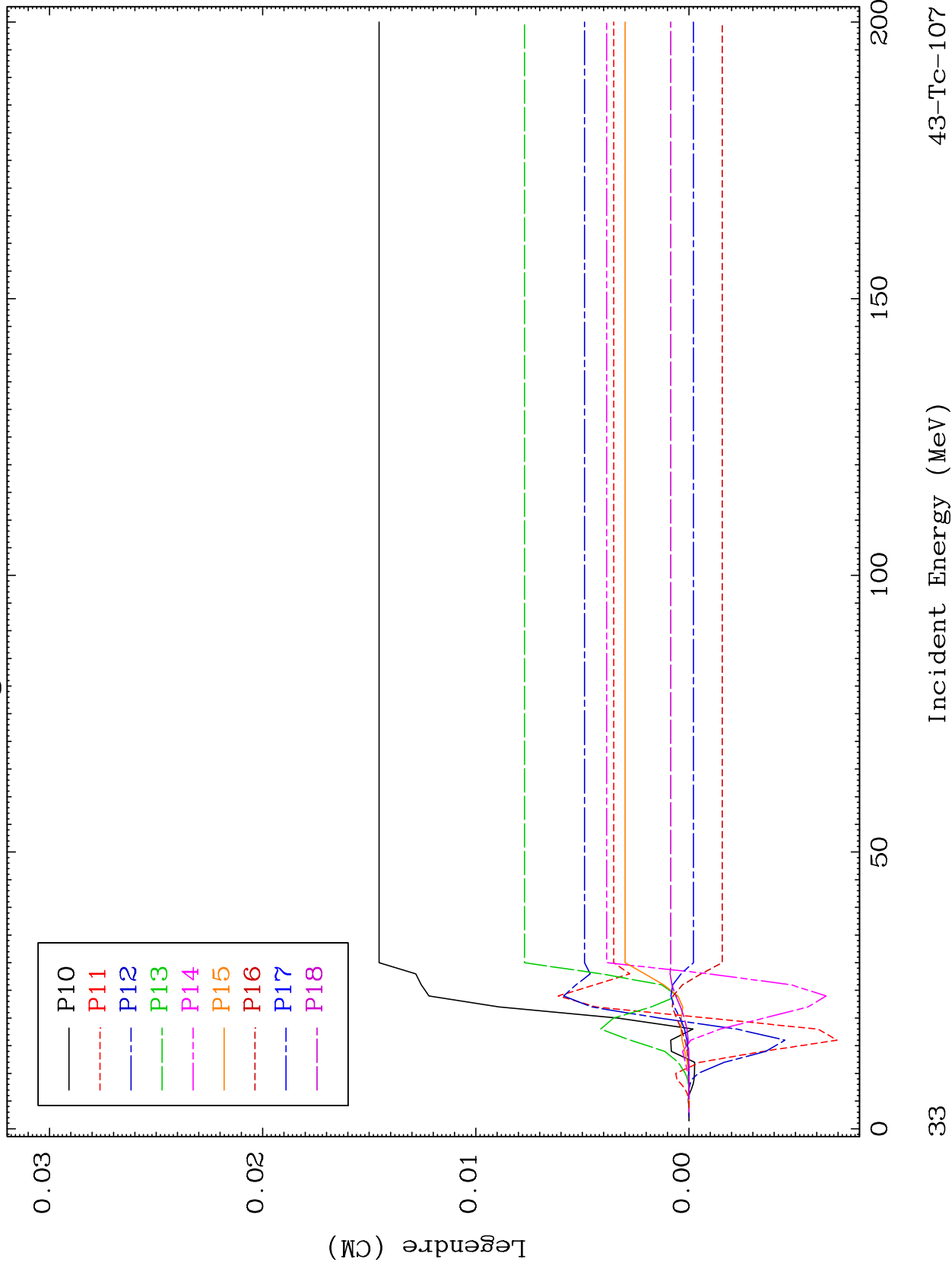
Incident Energy (MeV)

32

MAT 4349

134.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

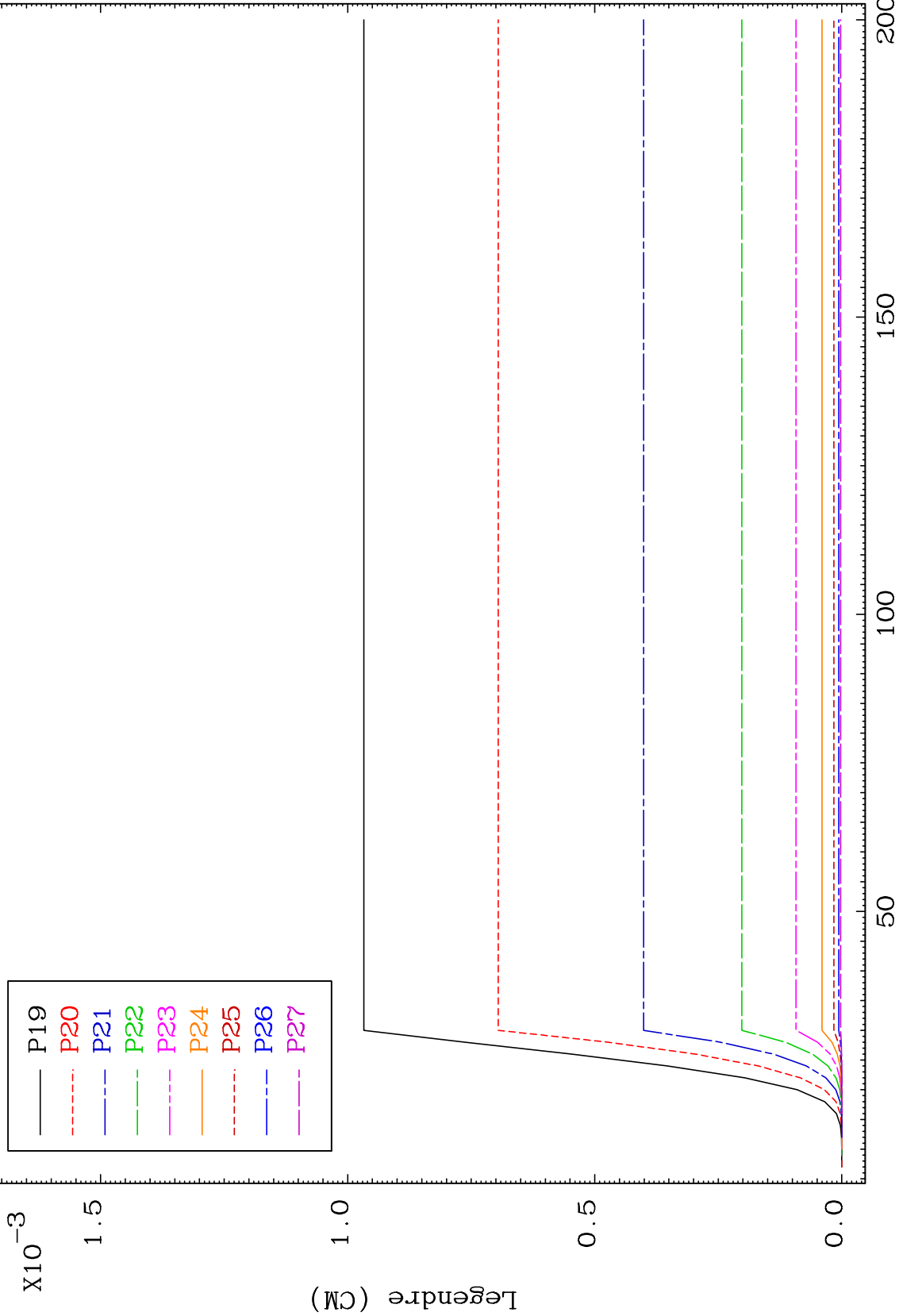
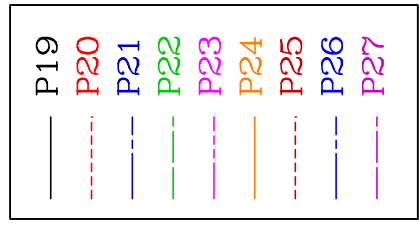
Incident Energy (MeV)

33

MAT 4349

134.4 keV (n,n') Level
Legendre Coefficients

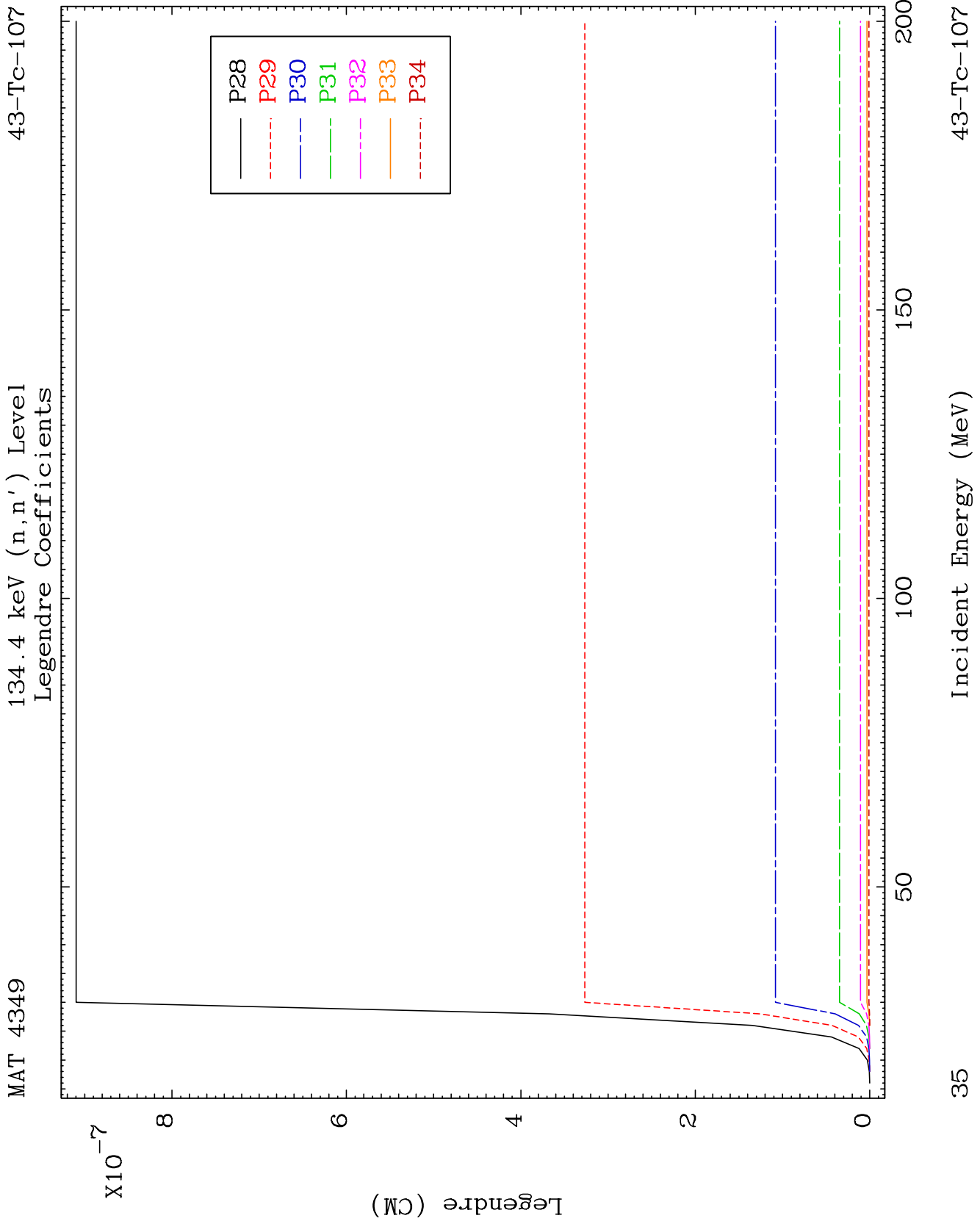
43-Tc-107



34

Incident Energy (MeV)

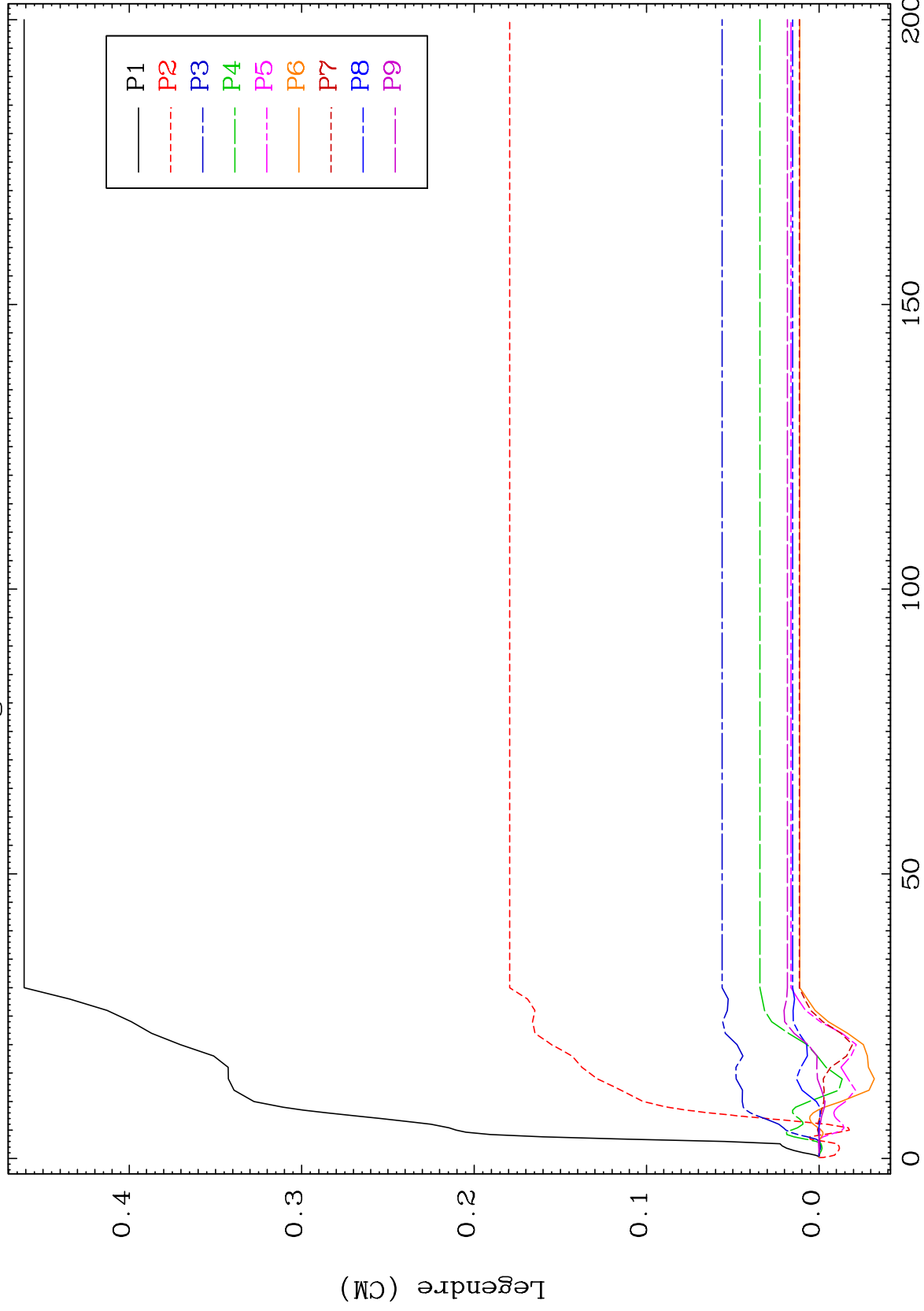
43-Tc-107



MAT 4349

137.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107



36

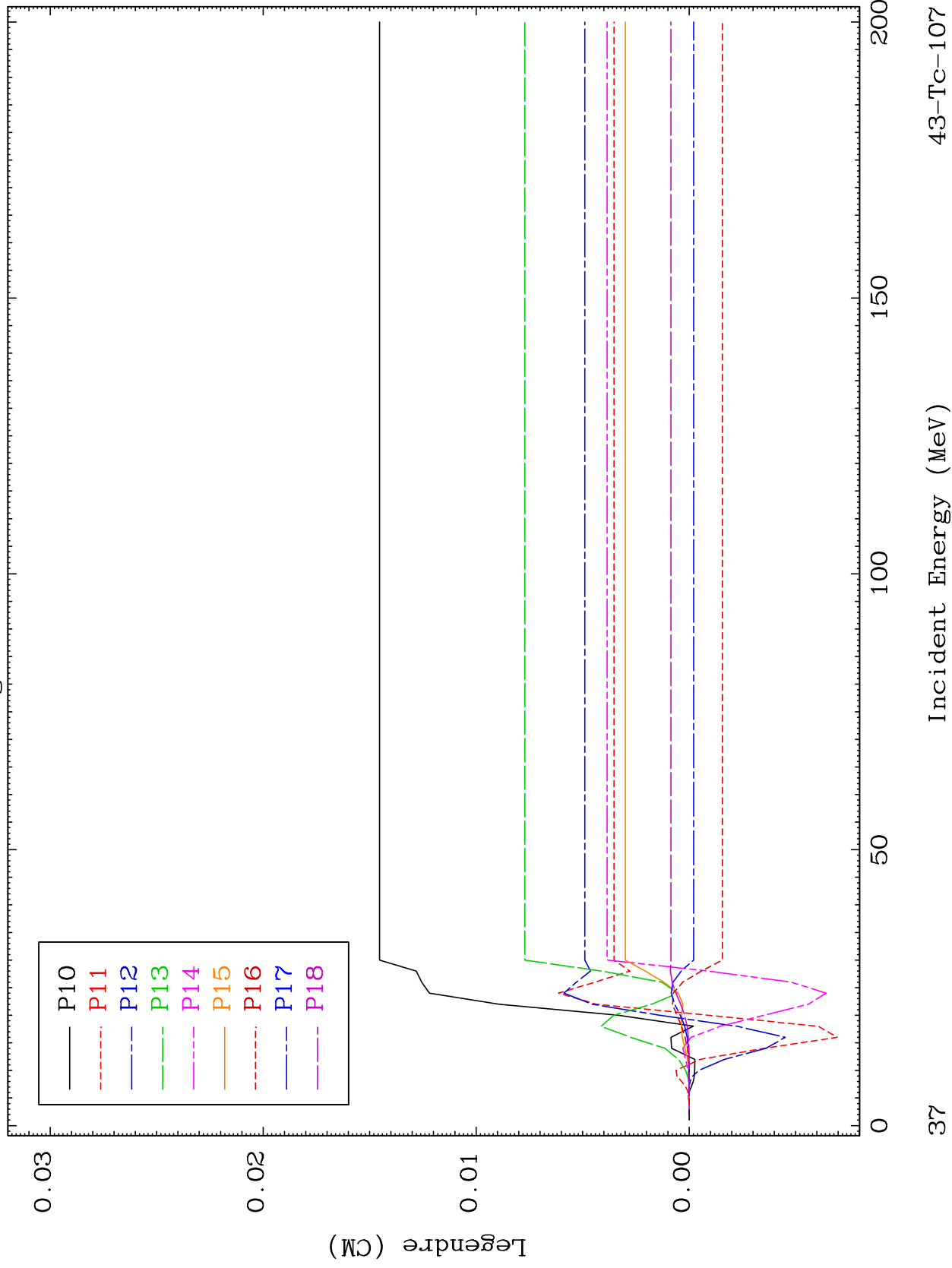
Incident Energy (MeV)

43-Tc-107

MAT 4349

137.4 keV (n,n') Level
Legendre Coefficients

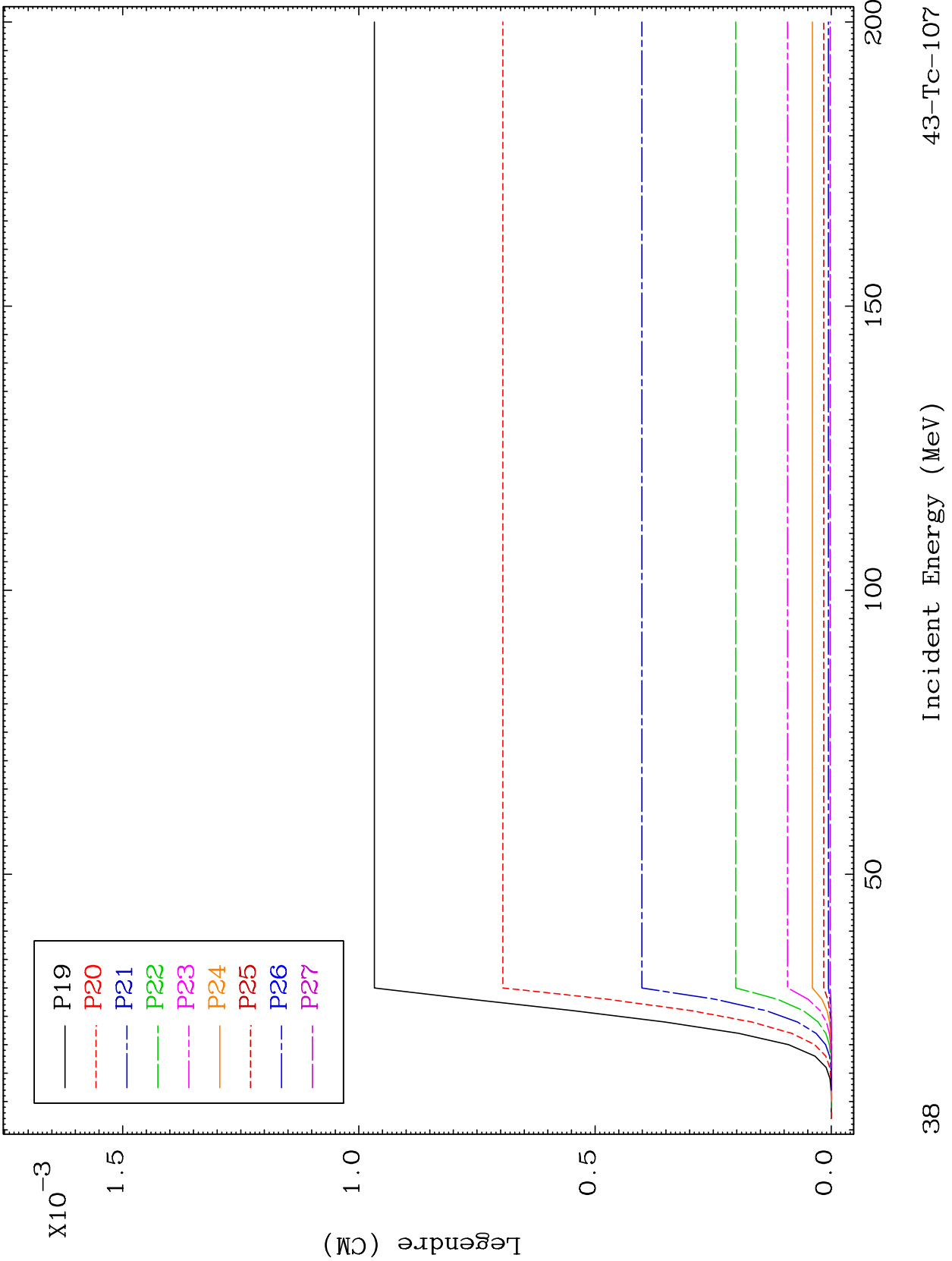
43-Tc-107

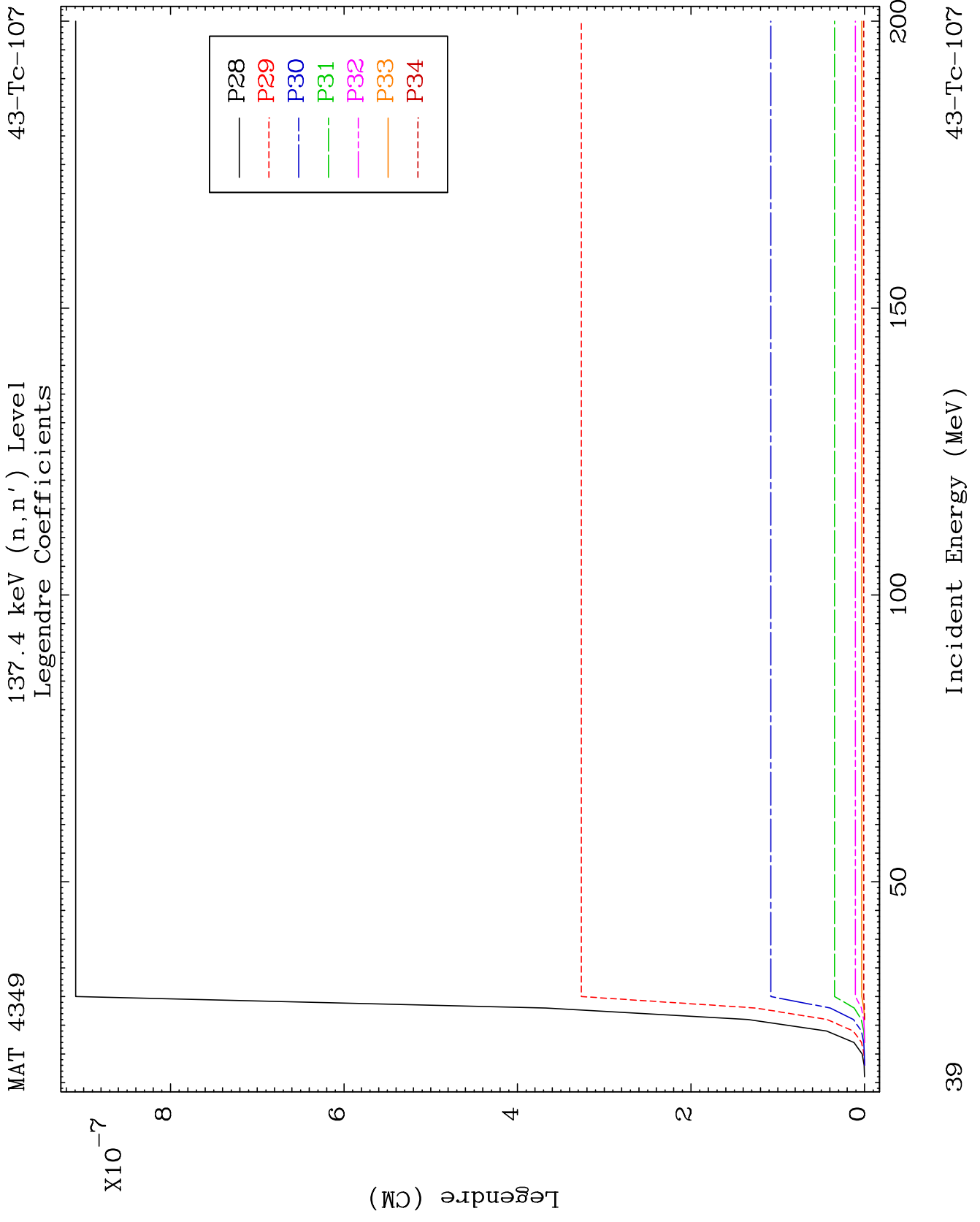


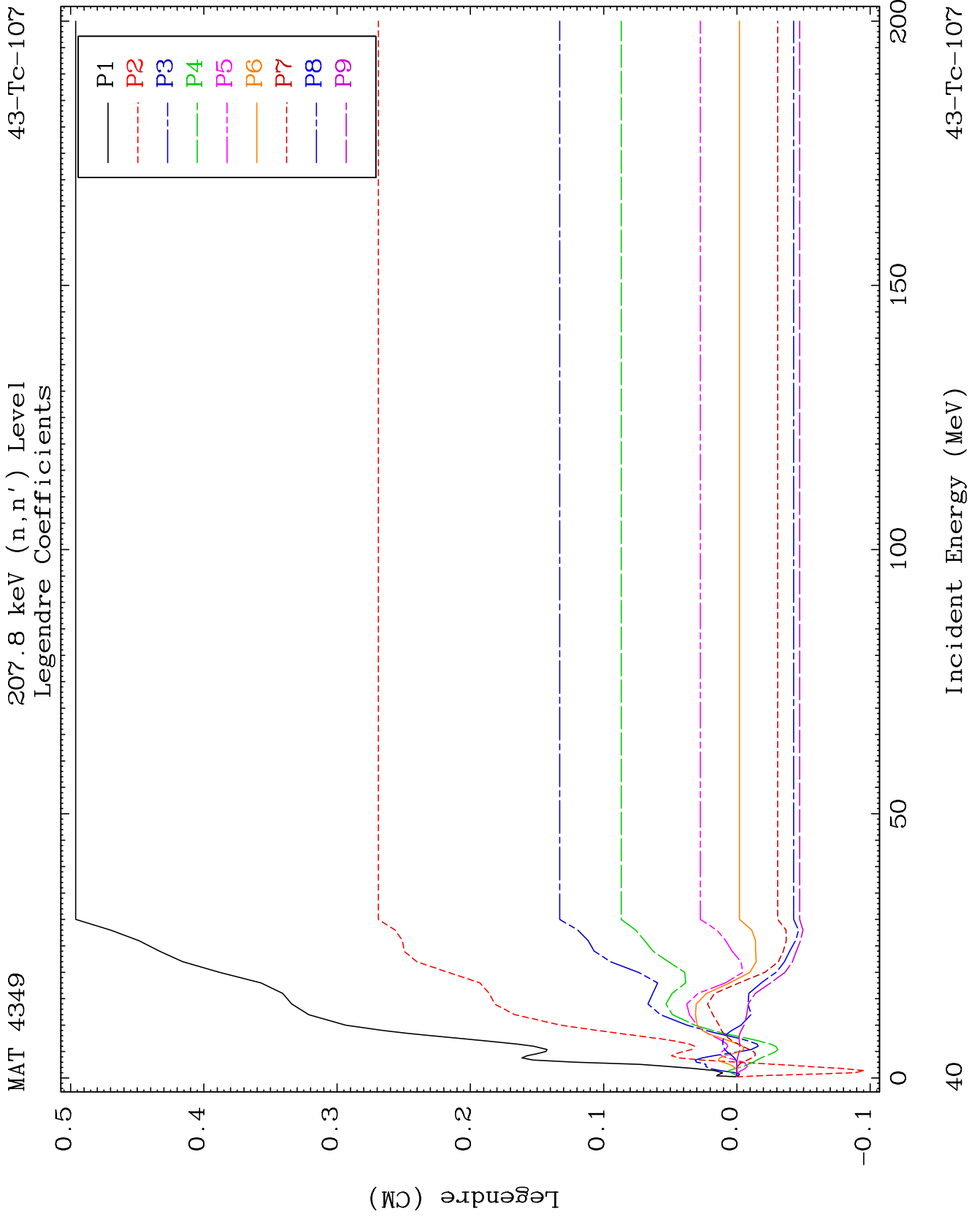
37

Incident Energy (MeV)

43-Tc-107



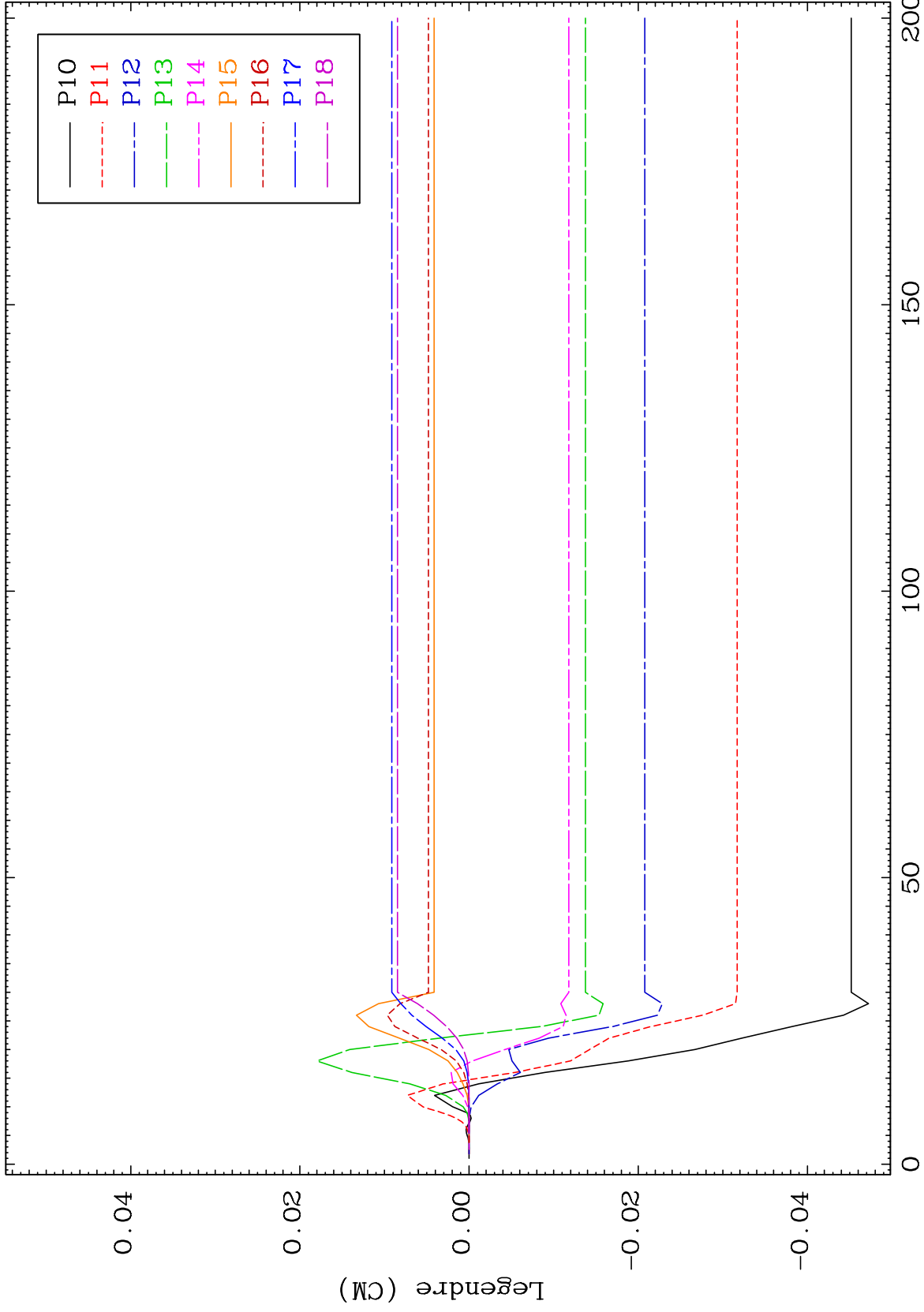




MAT 4349

207.8 keV (n,n') Level
Legendre Coefficients

43-Tc-107



41

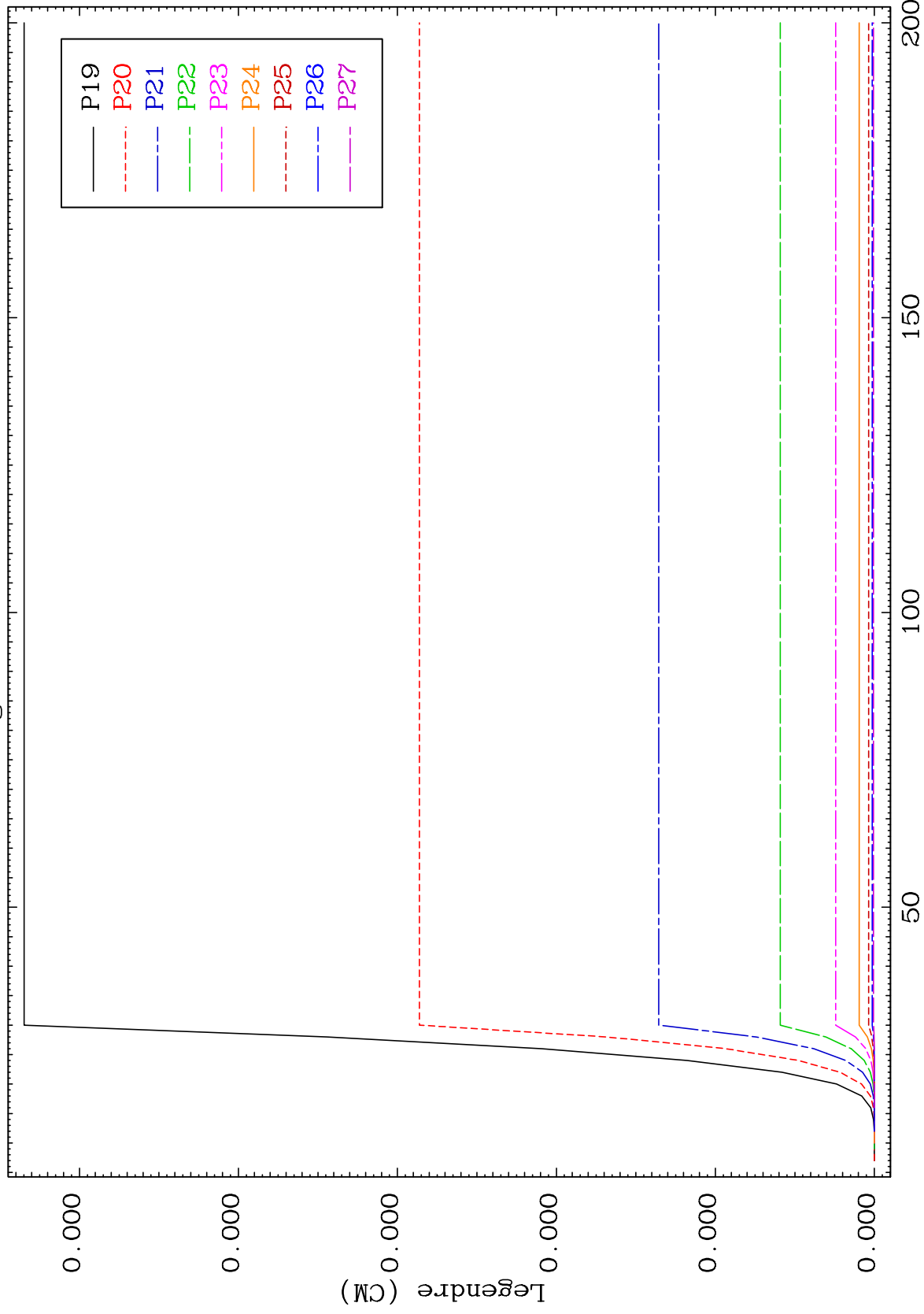
Incident Energy (MeV)

43-Tc-107

MAT 4349

207.8 keV (n,n') Level
Legendre Coefficients

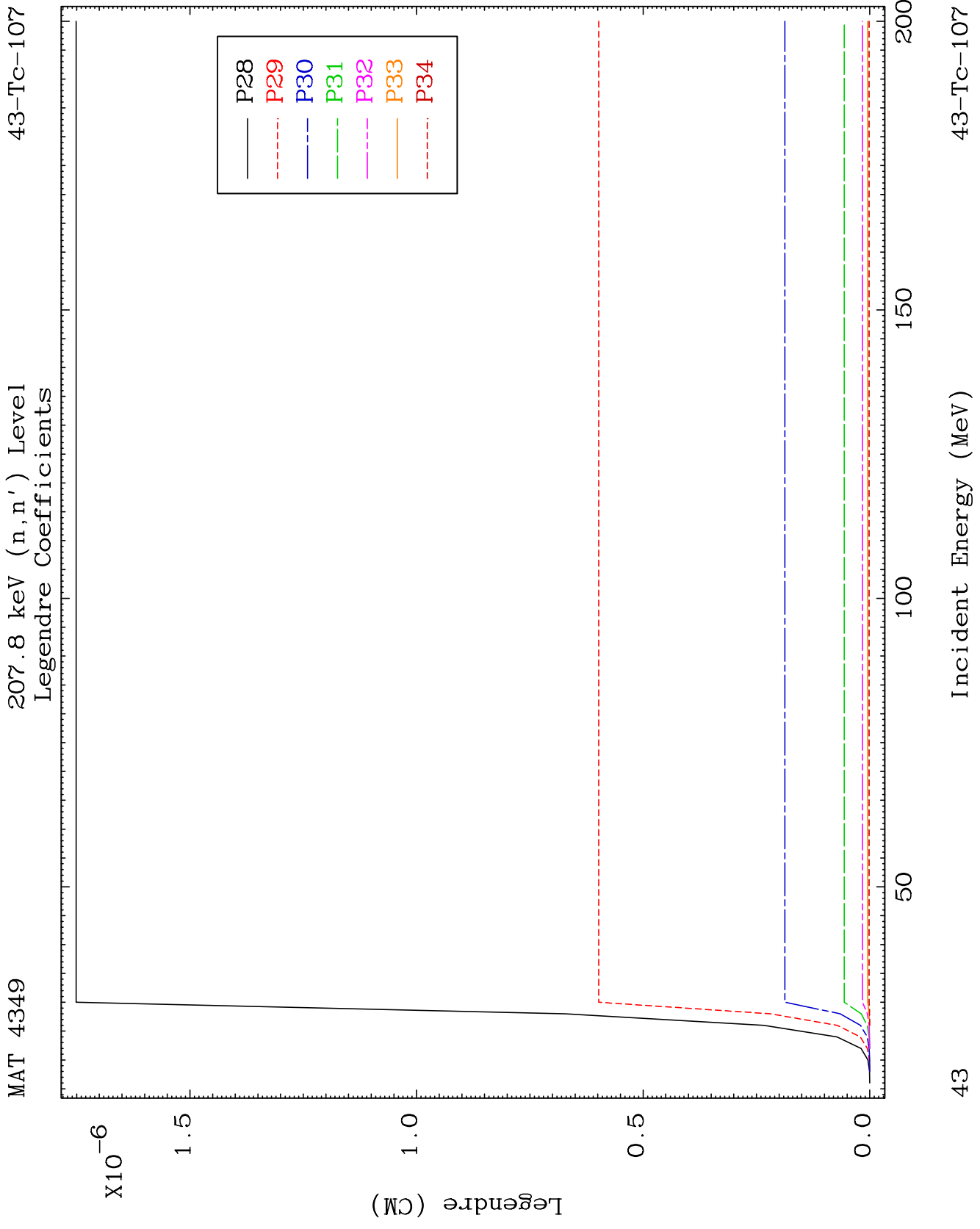
43-Tc-107



42

Incident Energy (MeV)

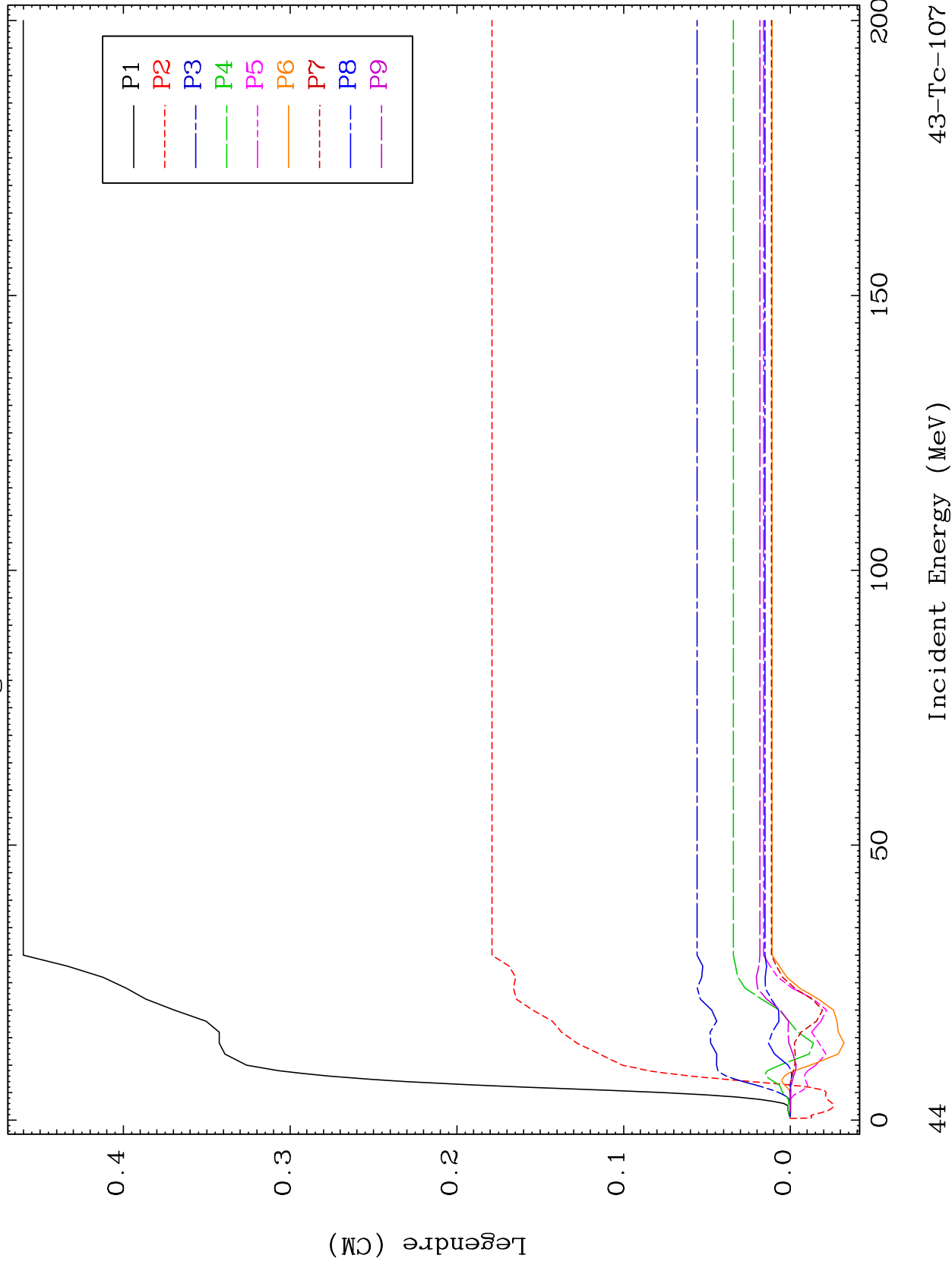
43-Tc-107



MAT 4349

275.8 keV (n,n') Level
Legendre Coefficients

43-Tc-107

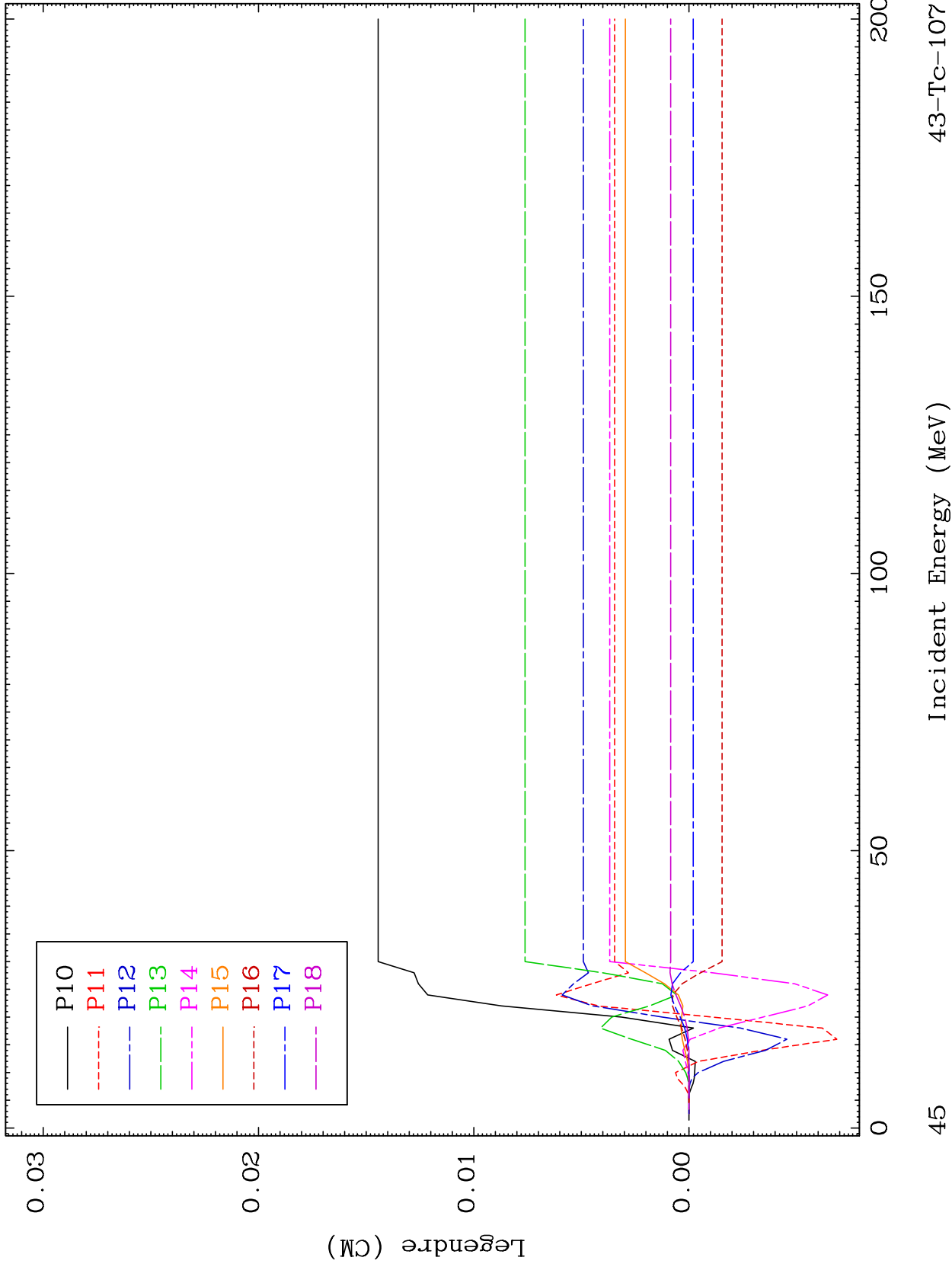


44

MAT 4349

275.8 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

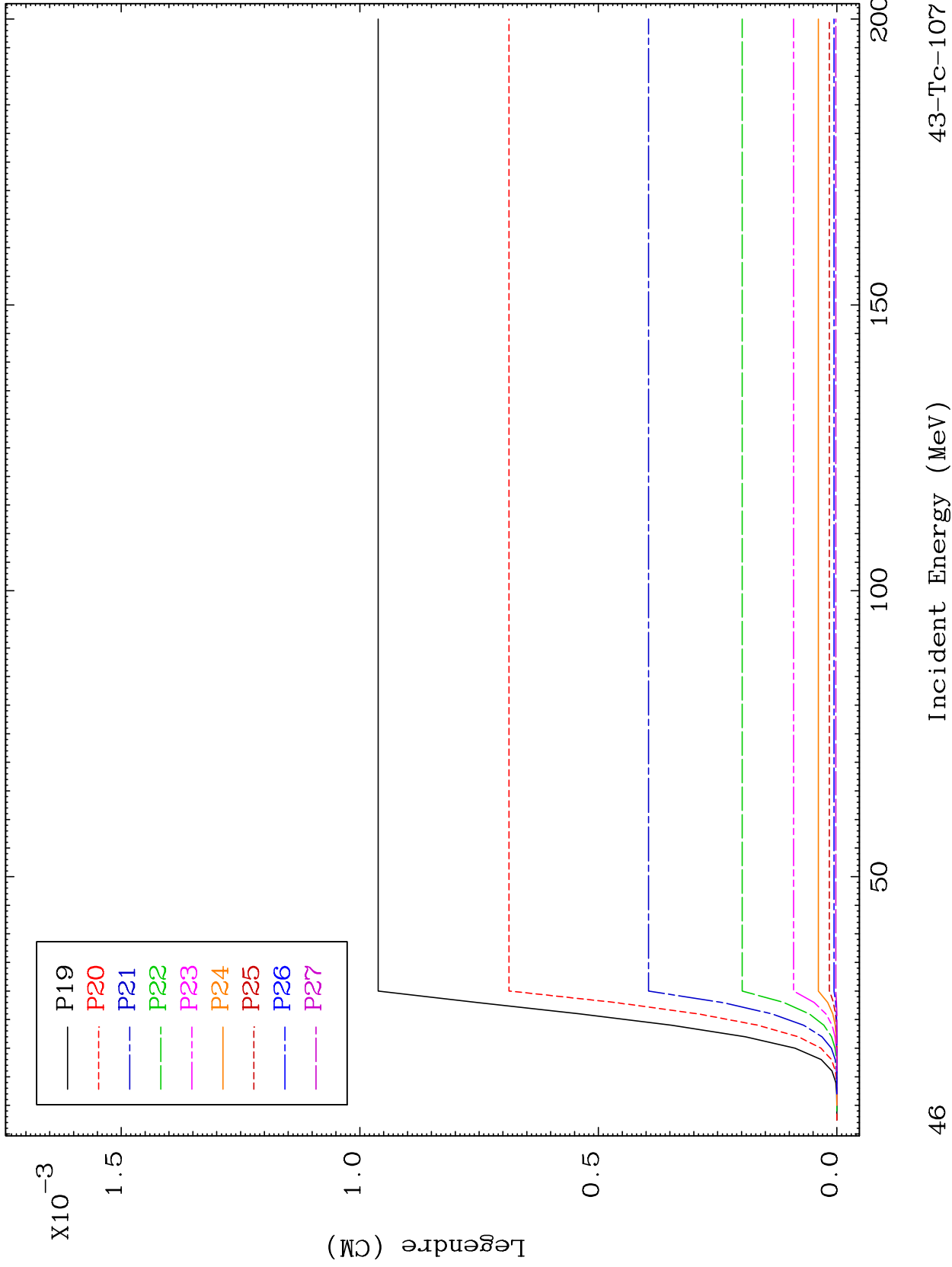
Incident Energy (MeV)

45

MAT 4349

275.8 keV (n,n') Level
Legendre Coefficients

43-Tc-107



46

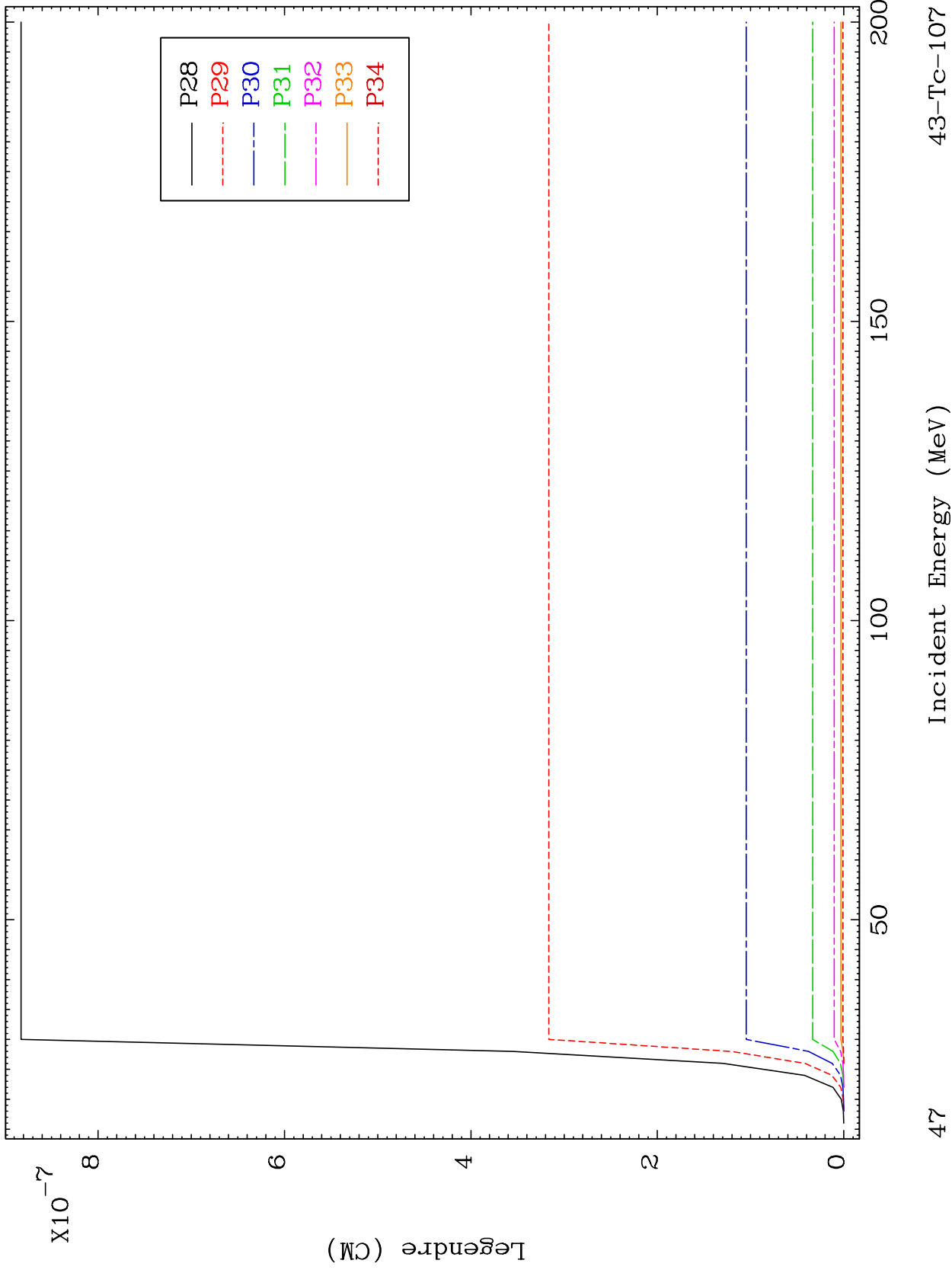
Incident Energy (MeV)

43-Tc-107

MAT 4349

275.8 keV (n,n') Level
Legendre Coefficients

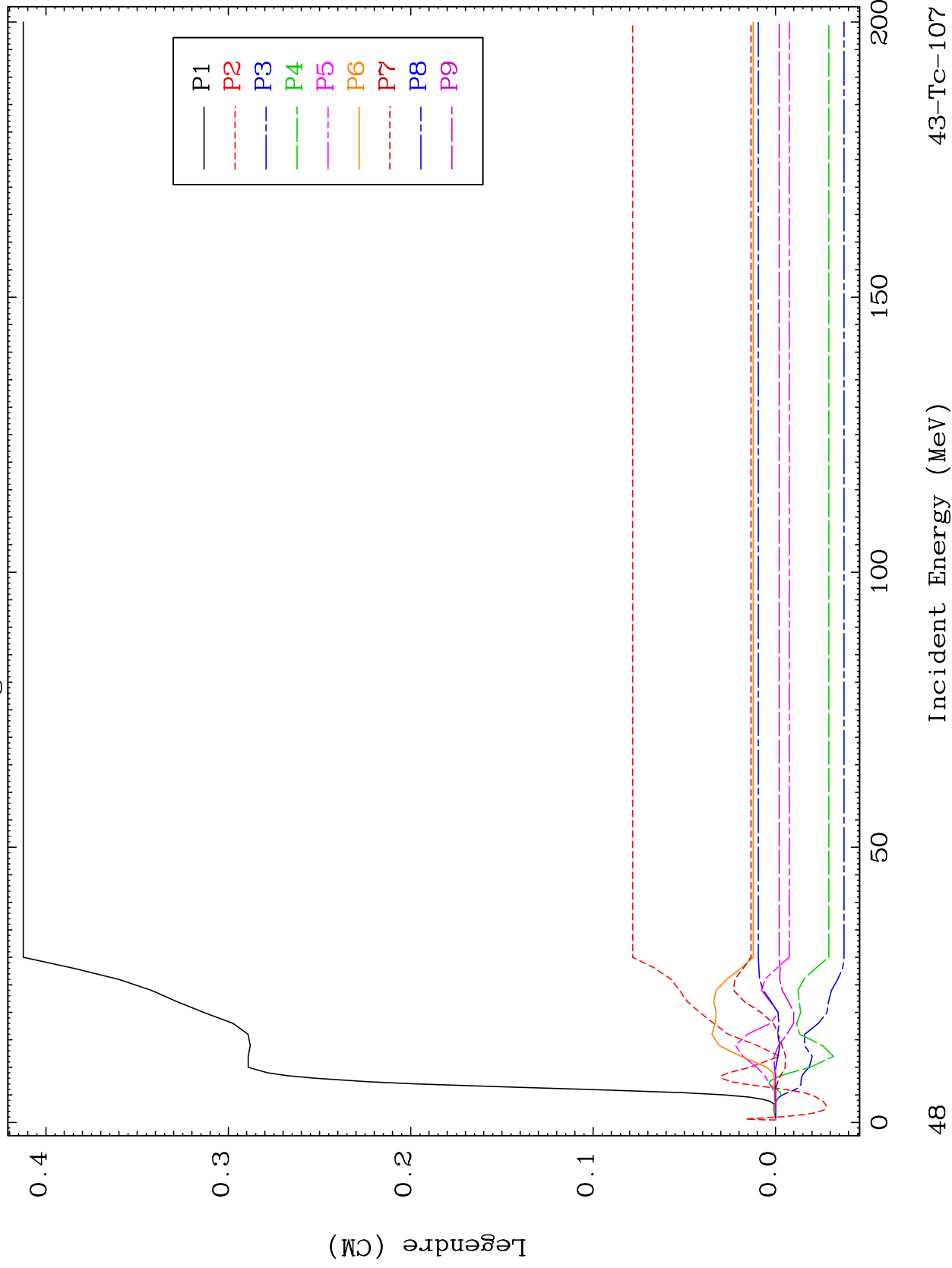
43-Tc-107



MAT 4349

413.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

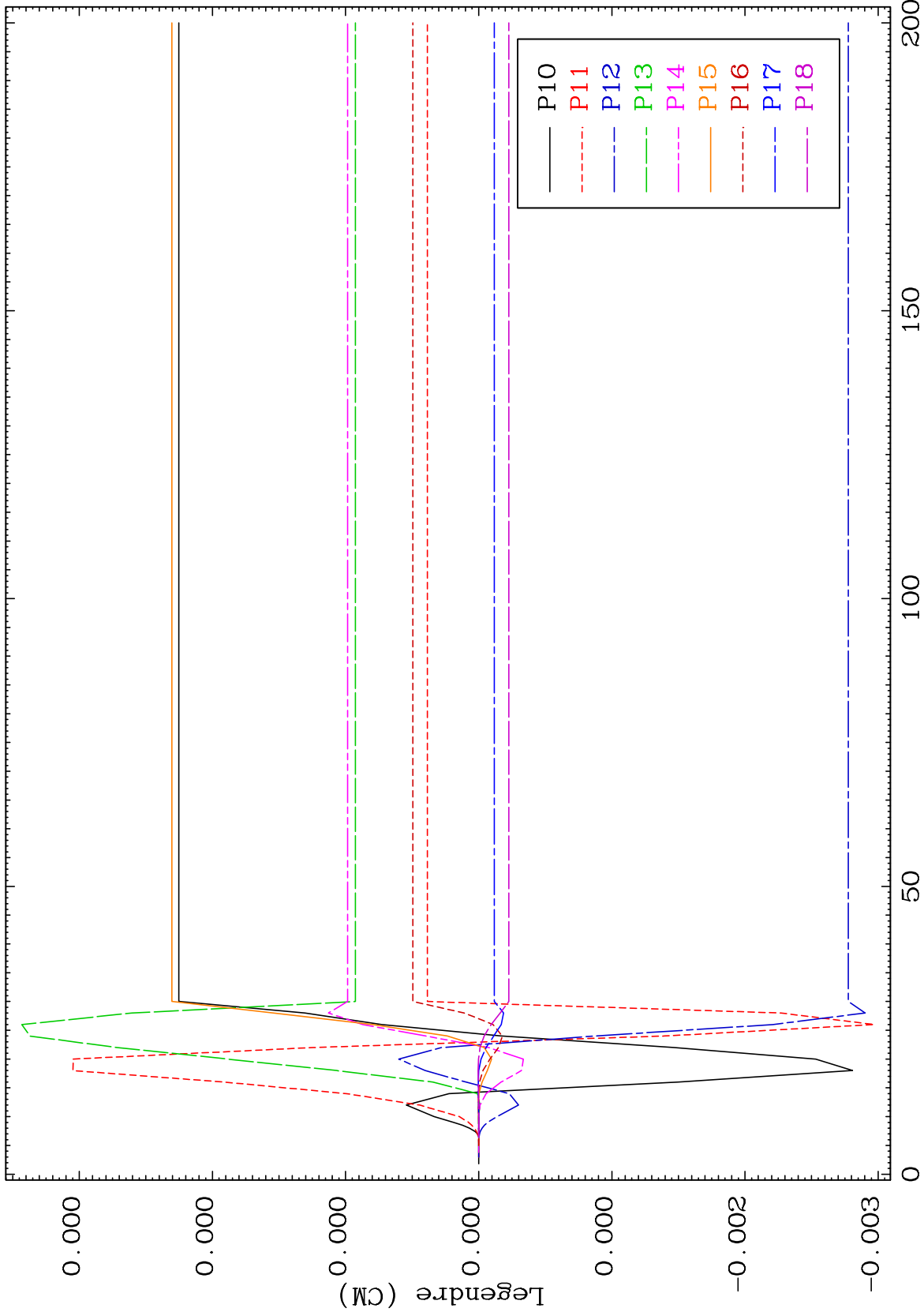
Incident Energy (MeV)

48

MAT 4349

413.3 keV (n,n') Level
Legendre Coefficients

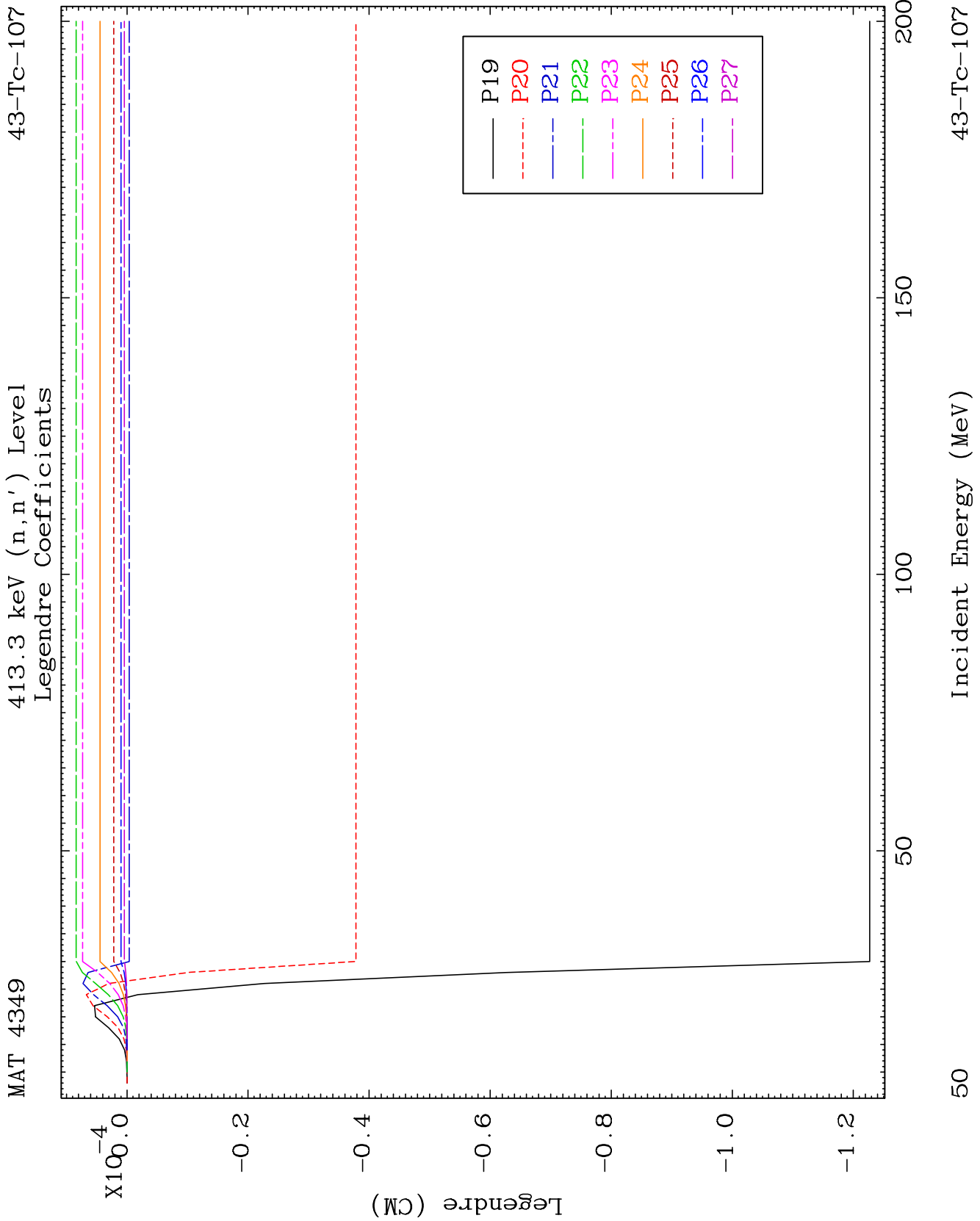
43-Tc-107

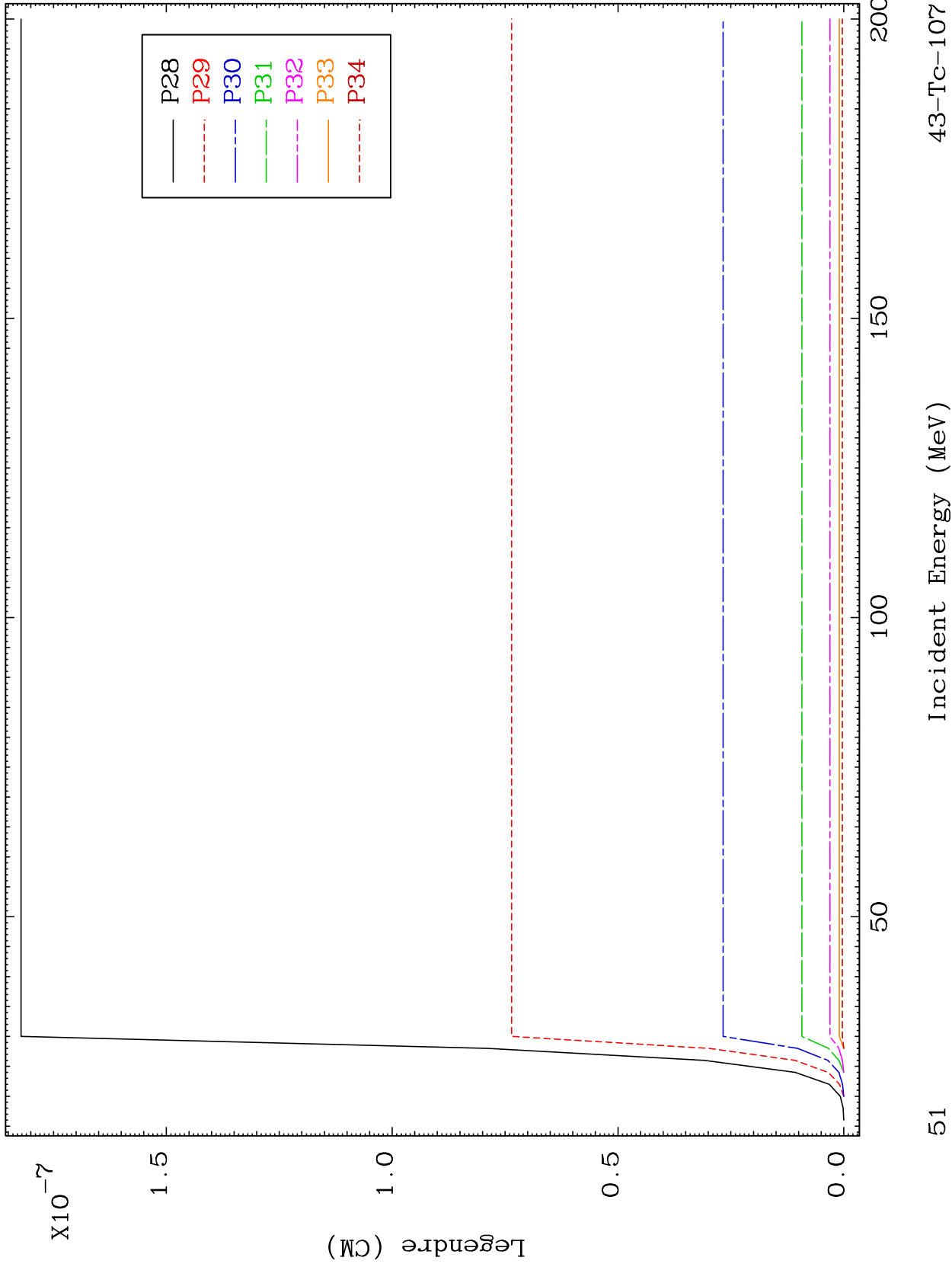


49

43-Tc-107

43-Tc-107

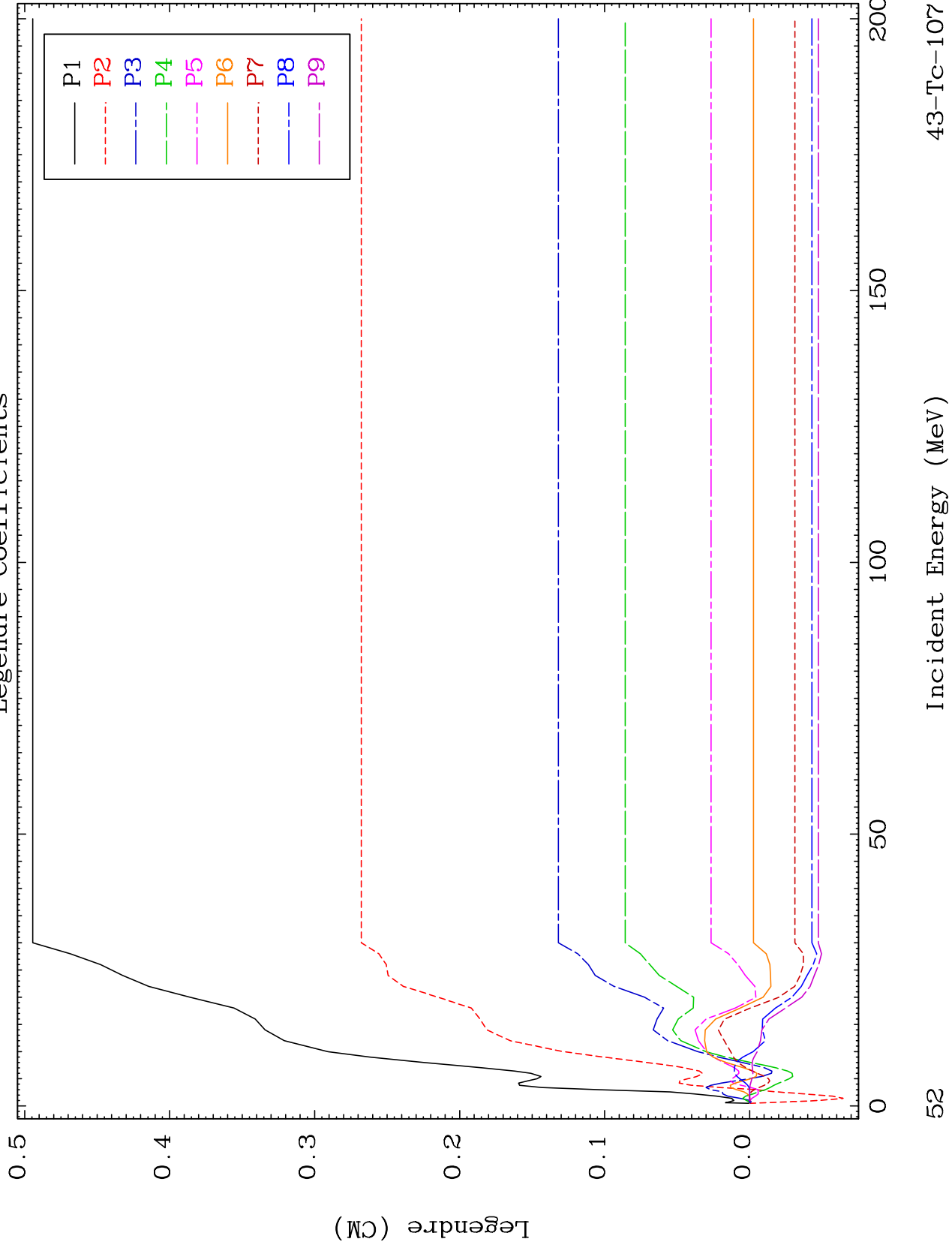




MAT 4349

466.3 keV (n, n') Level
Legendre Coefficients

43-Tc-107



52

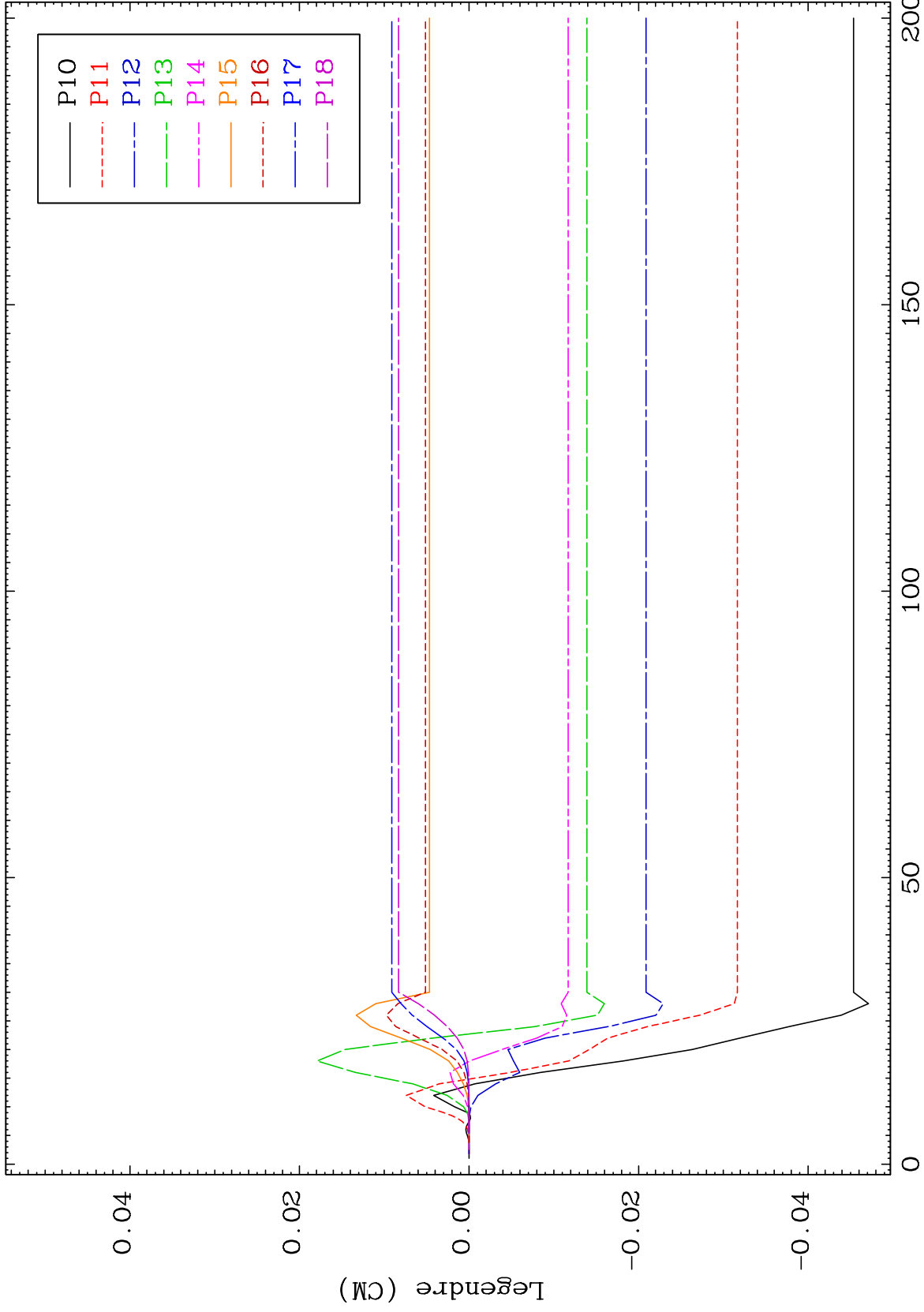
Incident Energy (MeV)

43-Tc-107

MAT 4349

466.3 keV (n,n') Level
Legendre Coefficients

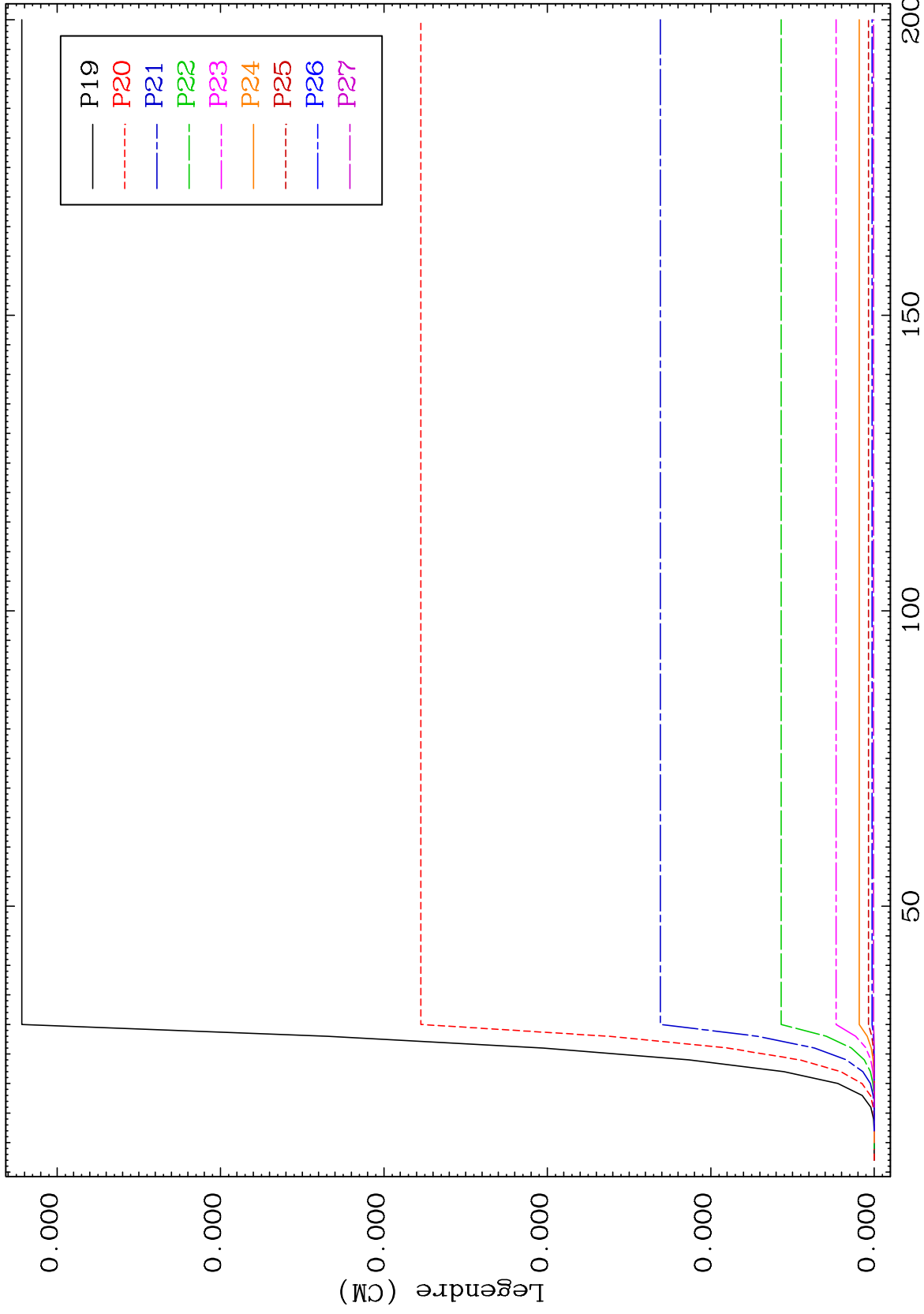
43-Tc-107



53

Incident Energy (MeV)

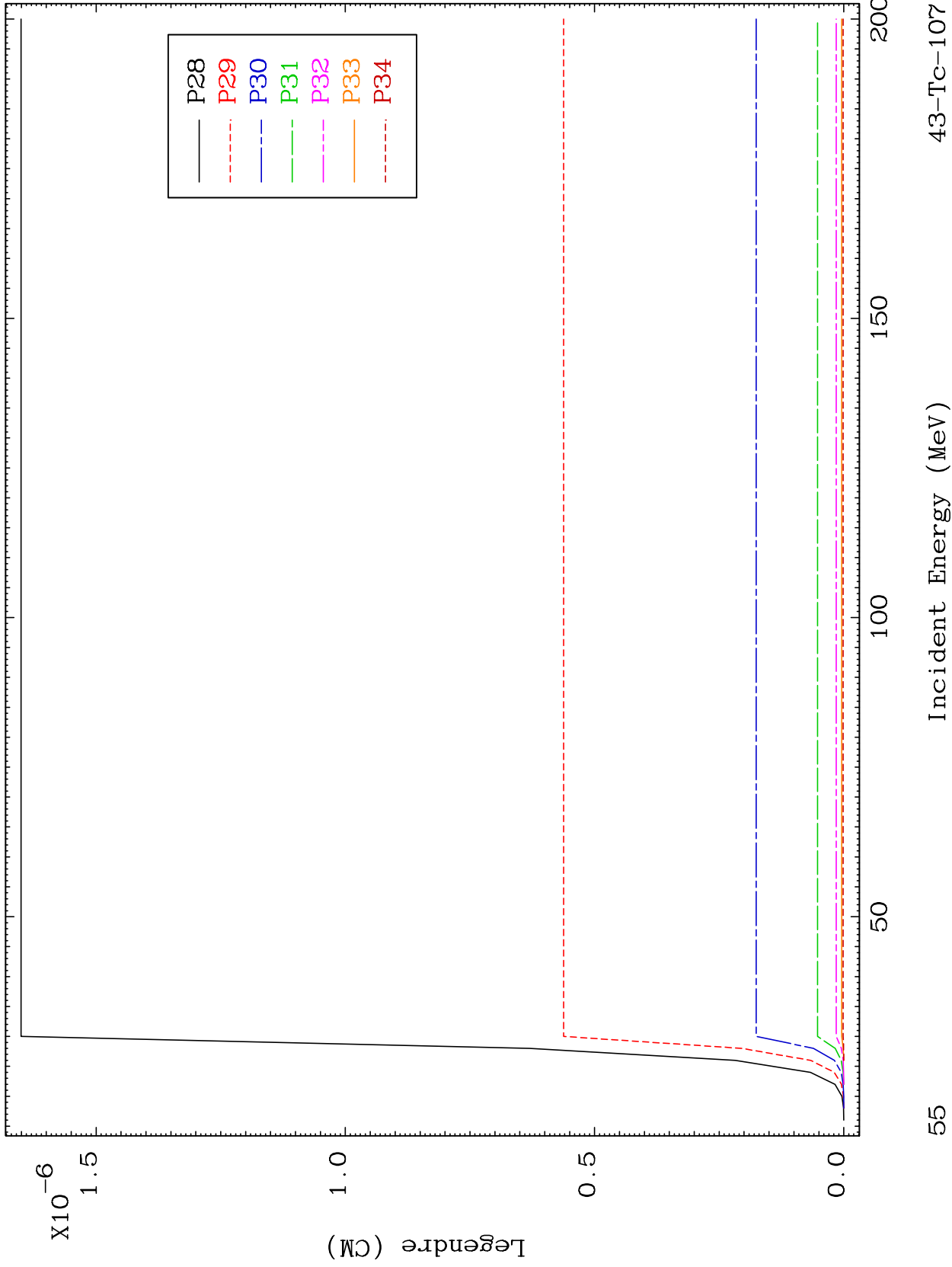
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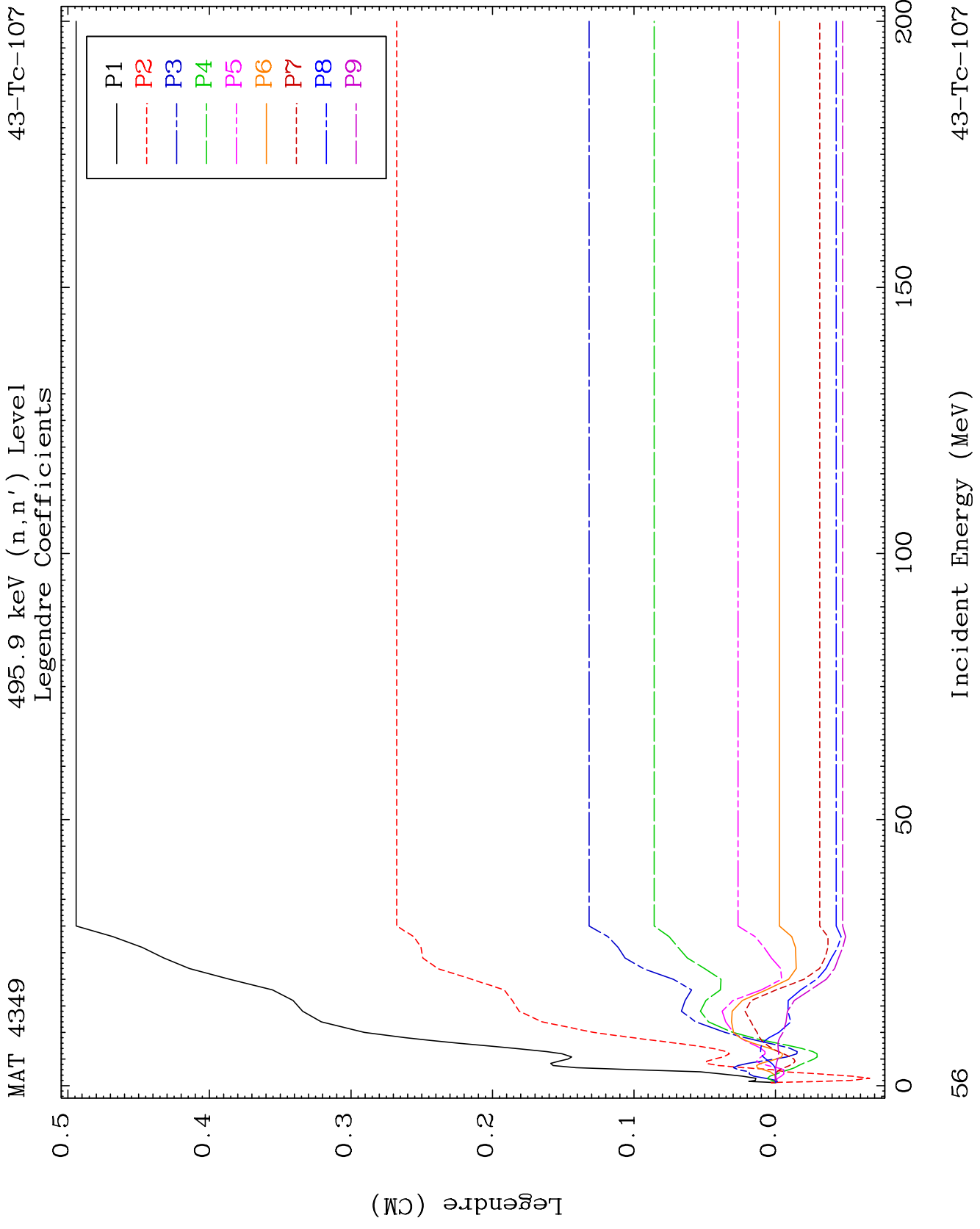


MAT 4349

466.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107

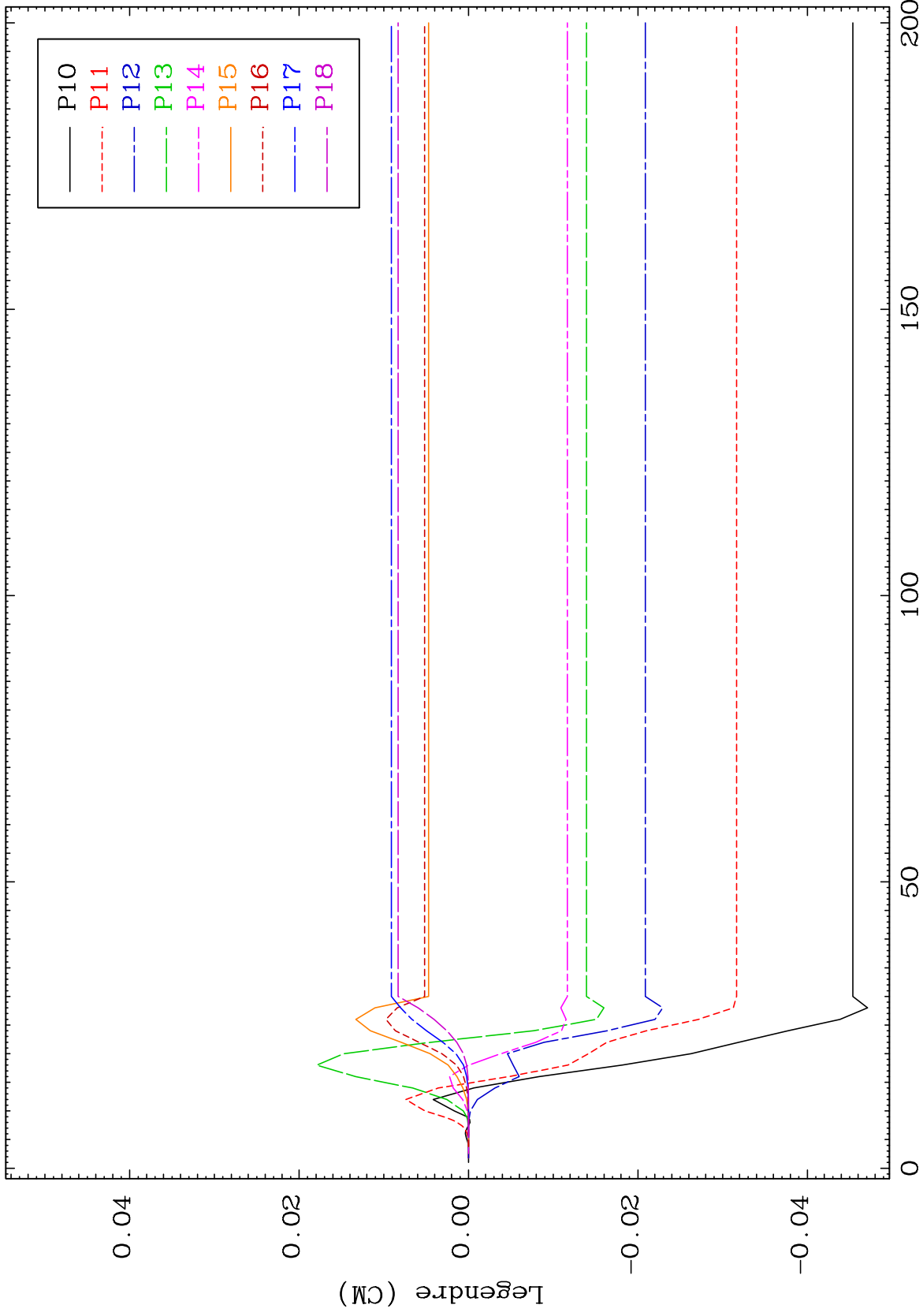




MAT 4349

495.9 keV (n,n') Level
Legendre Coefficients

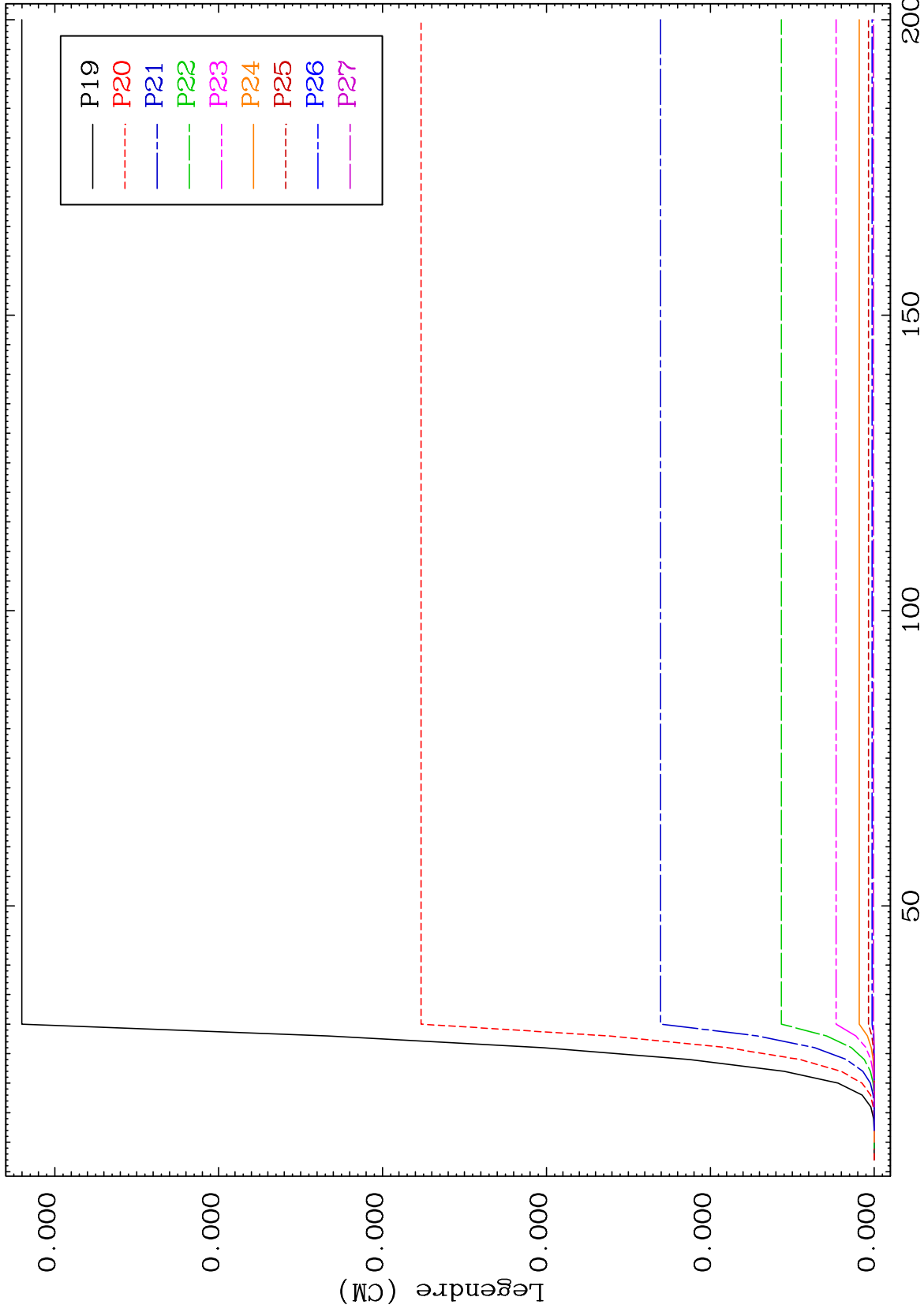
43-Tc-107

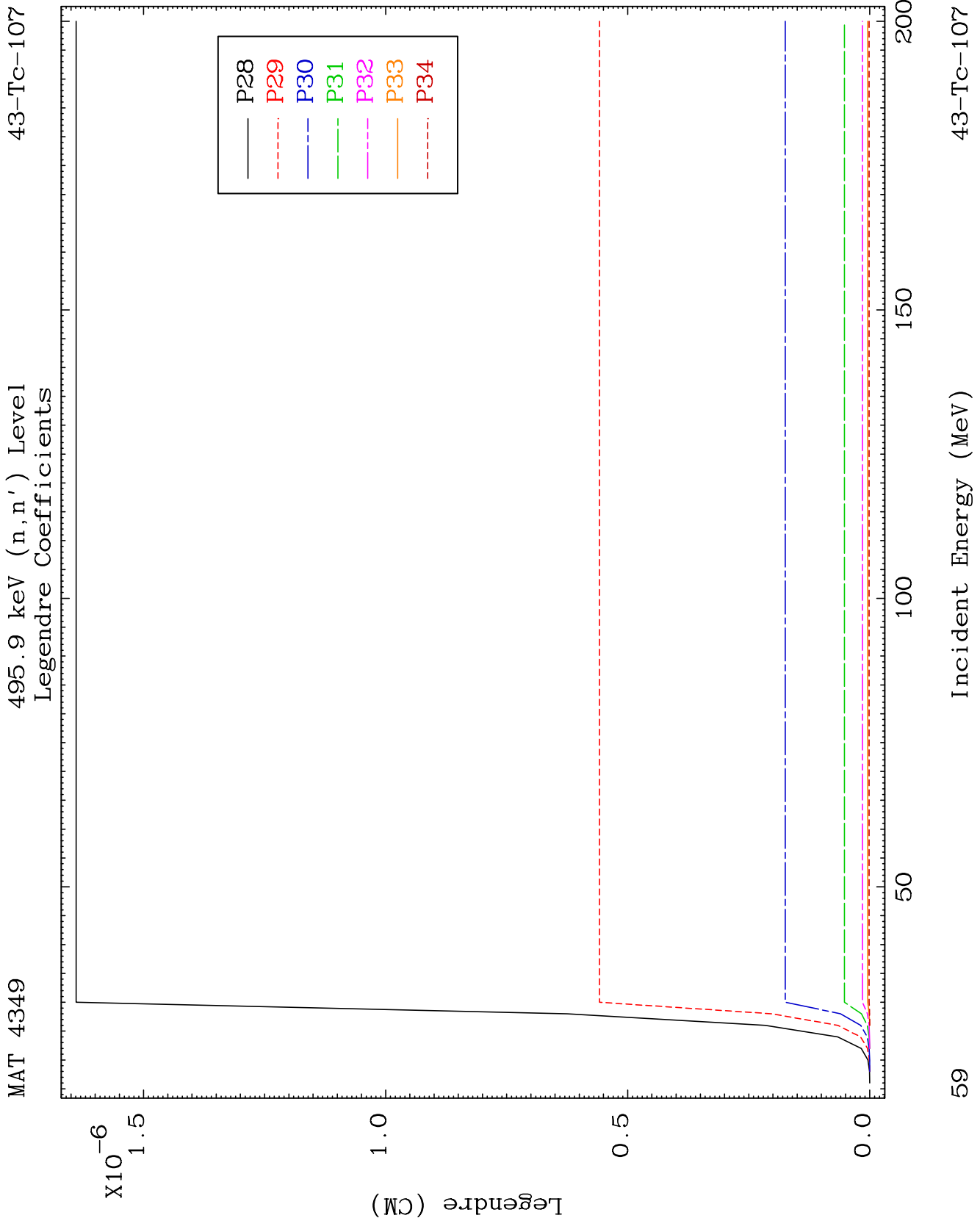


57

Incident Energy (MeV)

43-Tc-107

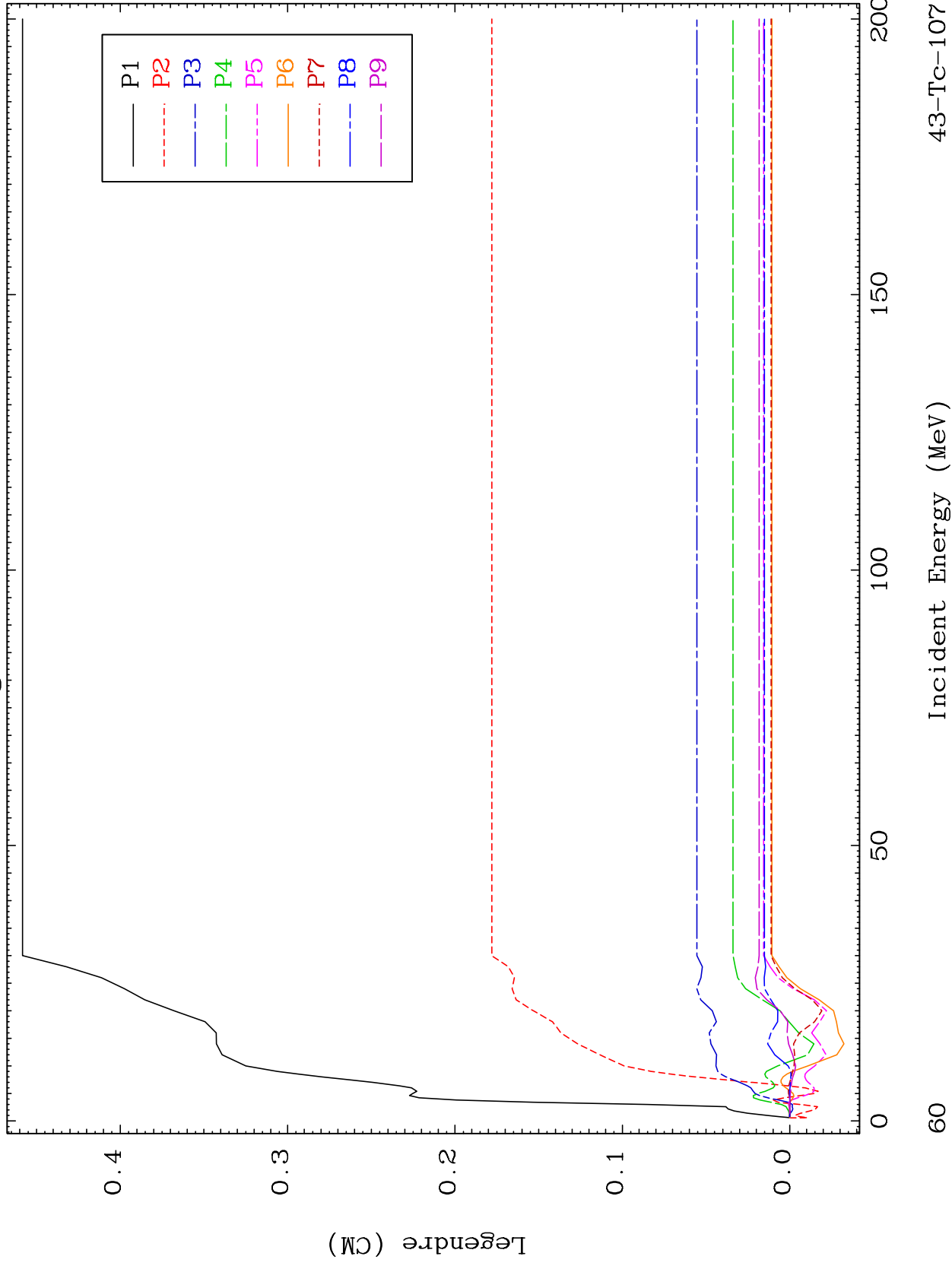




MAT 4349

549.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

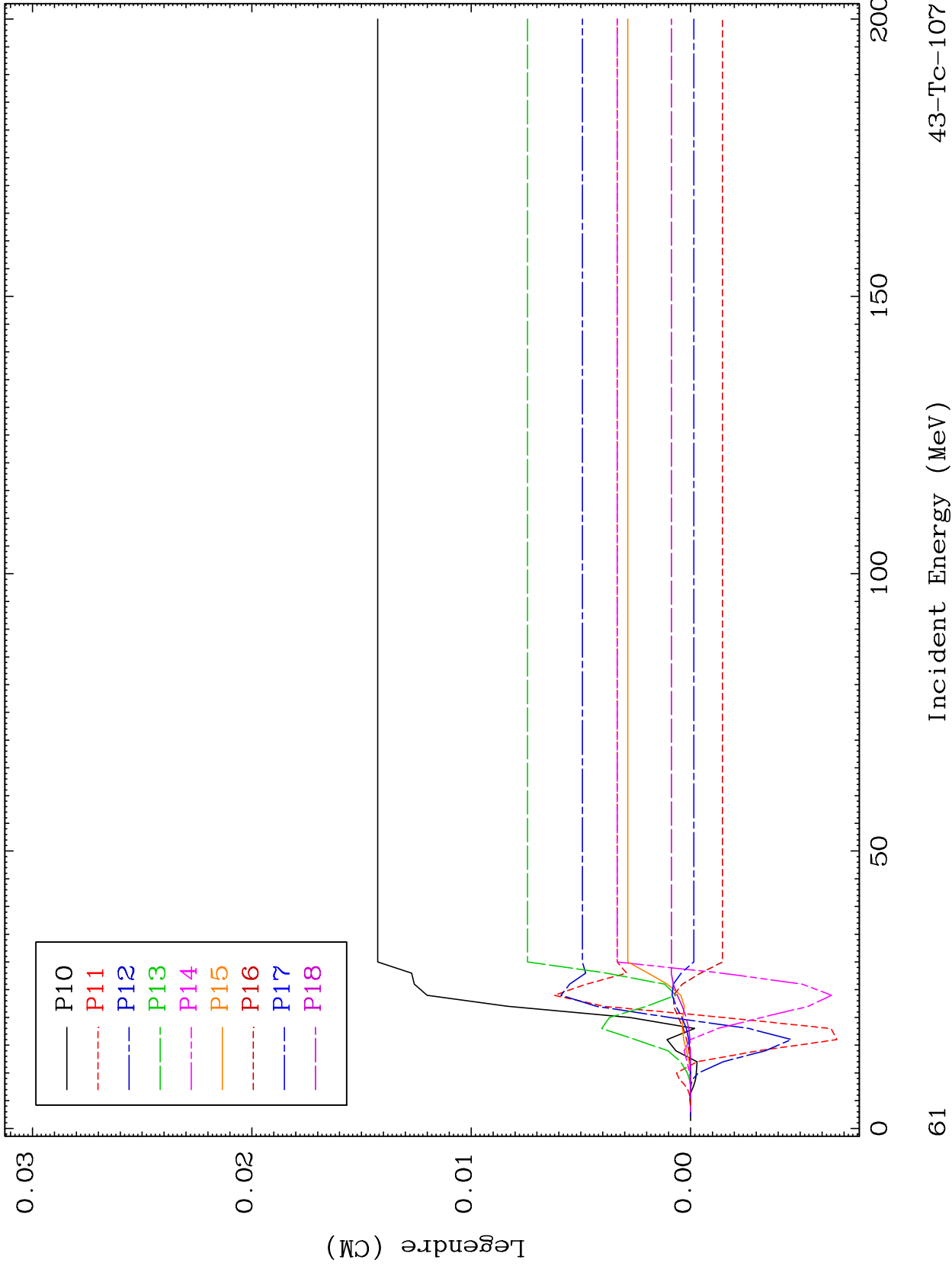
Incident Energy (MeV)

60

MAT 4349

549.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

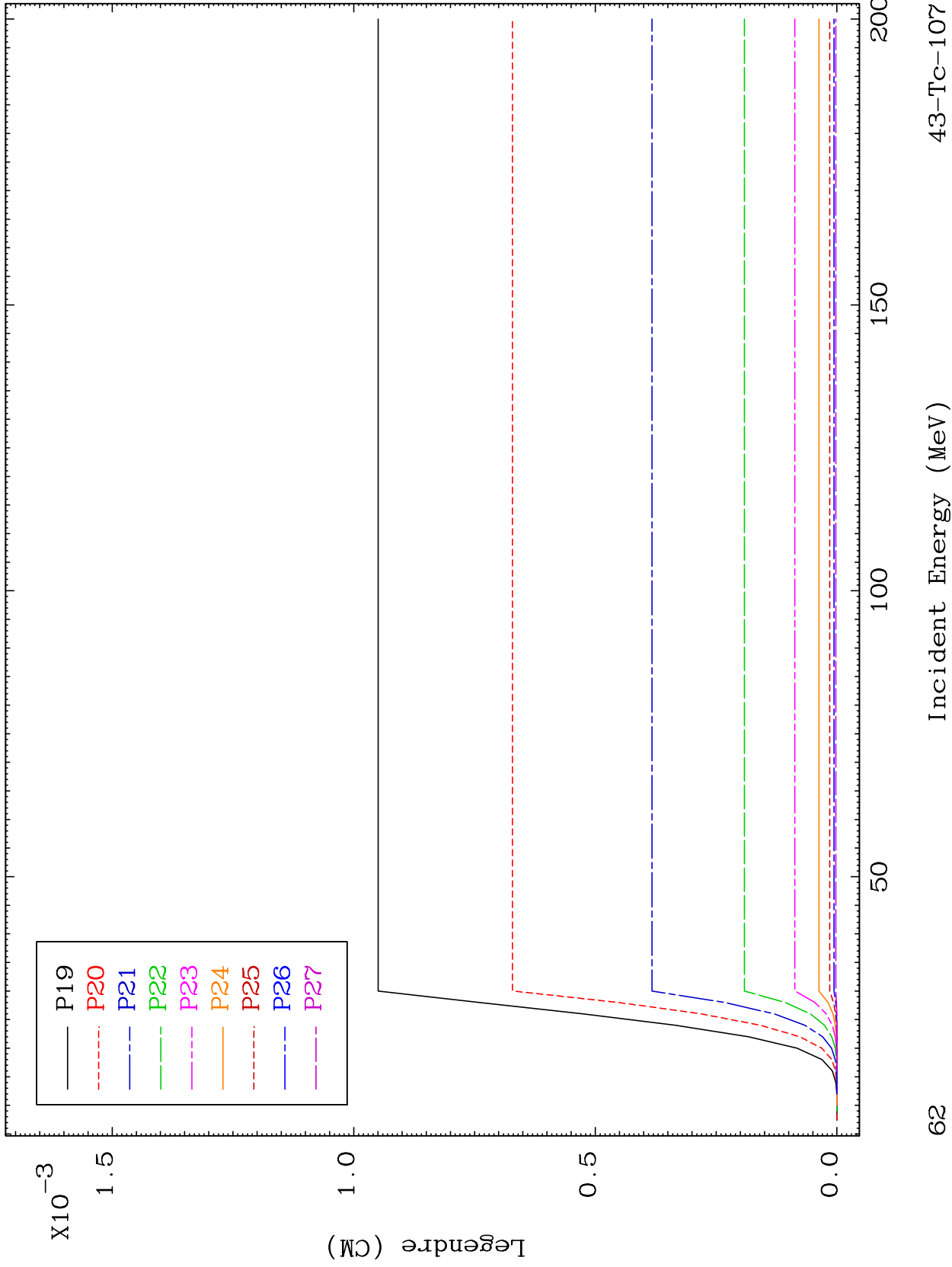
Incident Energy (MeV)

61

MAT 4349

549.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107



62

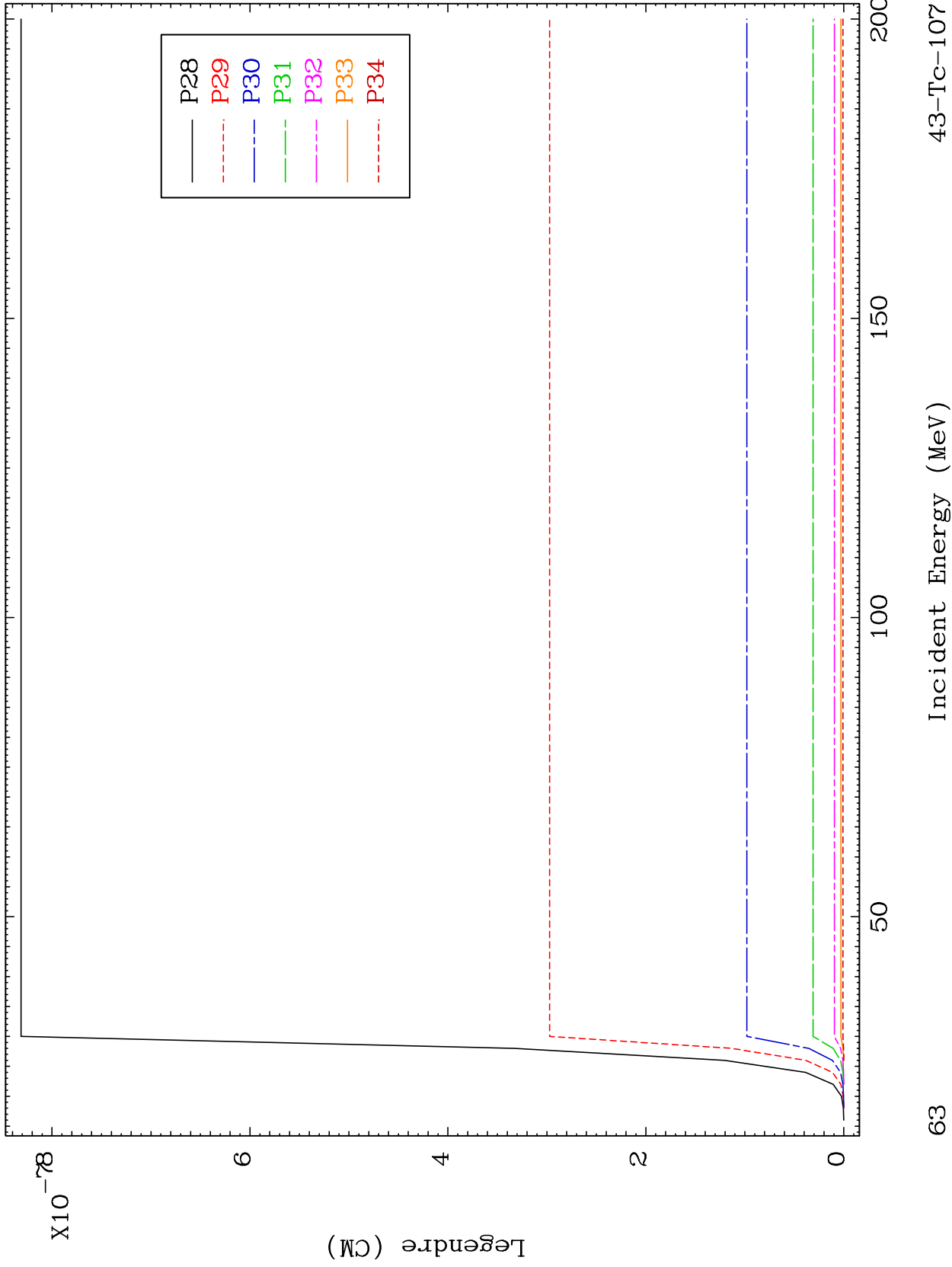
Incident Energy (MeV)

43-Tc-107

MAT 4349

549.3 keV (n,n') Level
Legendre Coefficients

43-Tc-107



63

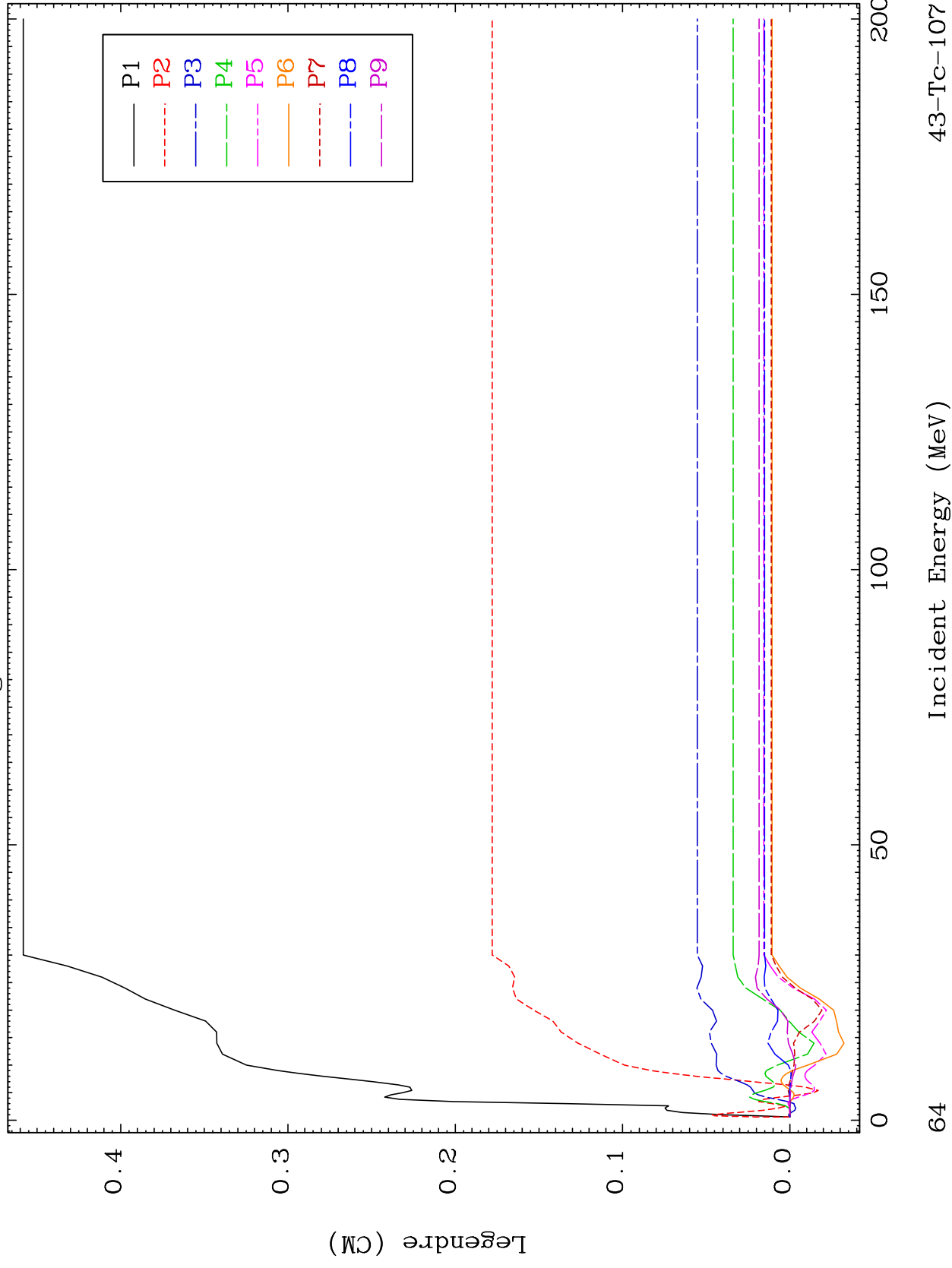
Incident Energy (MeV)

43-Tc-107

MAT 4349

568.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

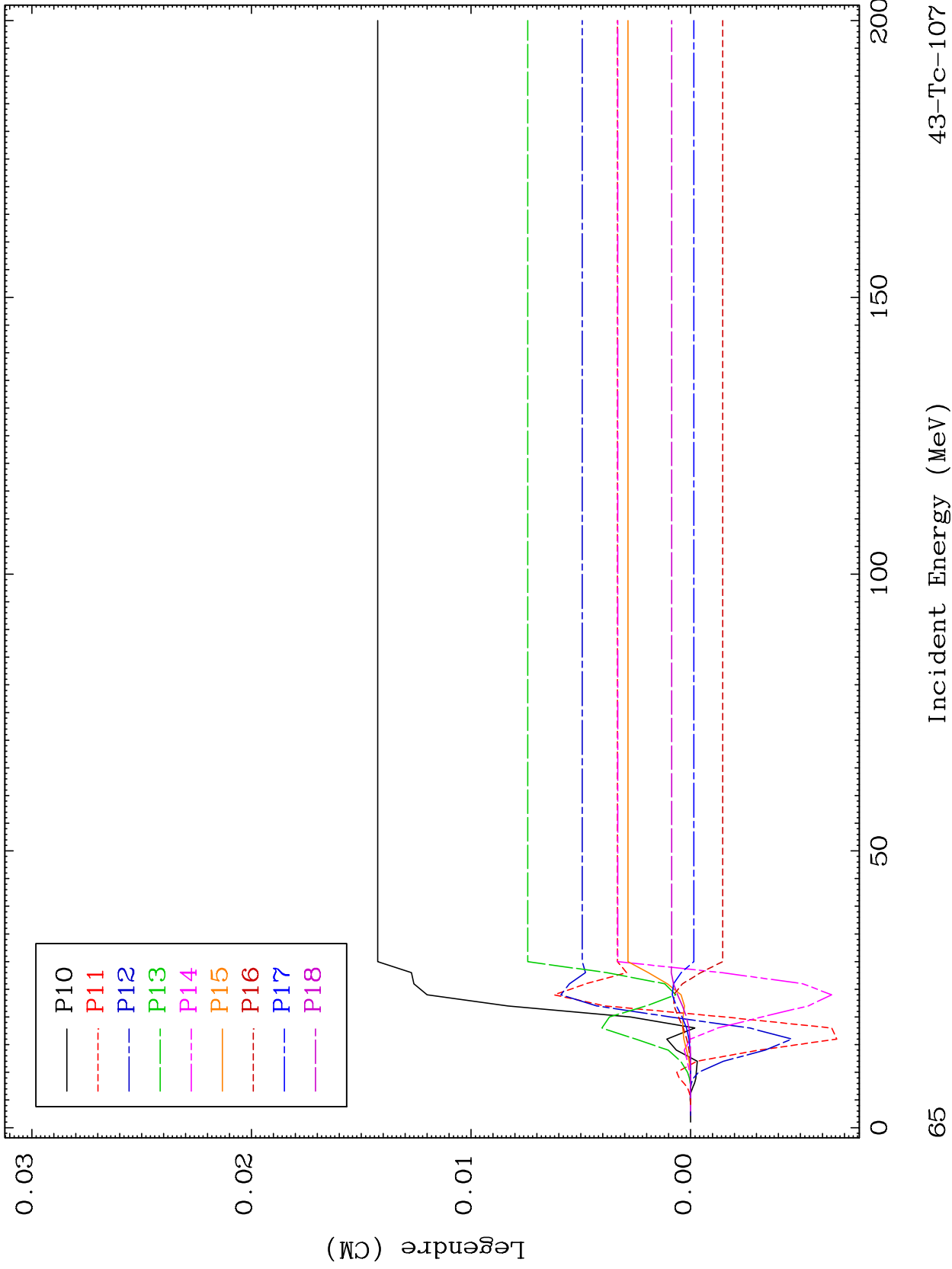
Incident Energy (MeV)

64

MAT 4349

568.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

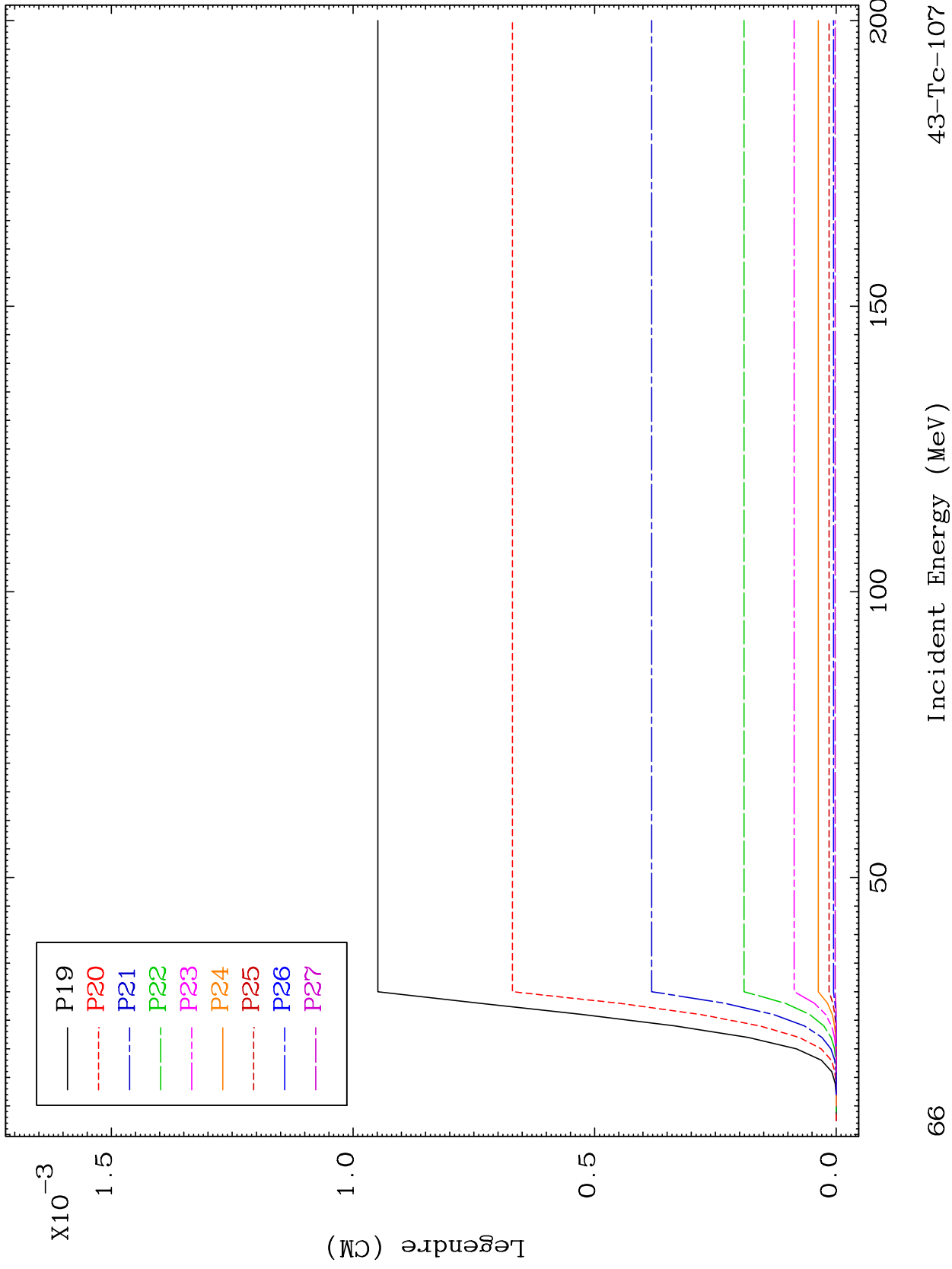
Incident Energy (MeV)

65

MAT 4349

568.4 keV (n,n') Level
Legendre Coefficients

43-Tc-107

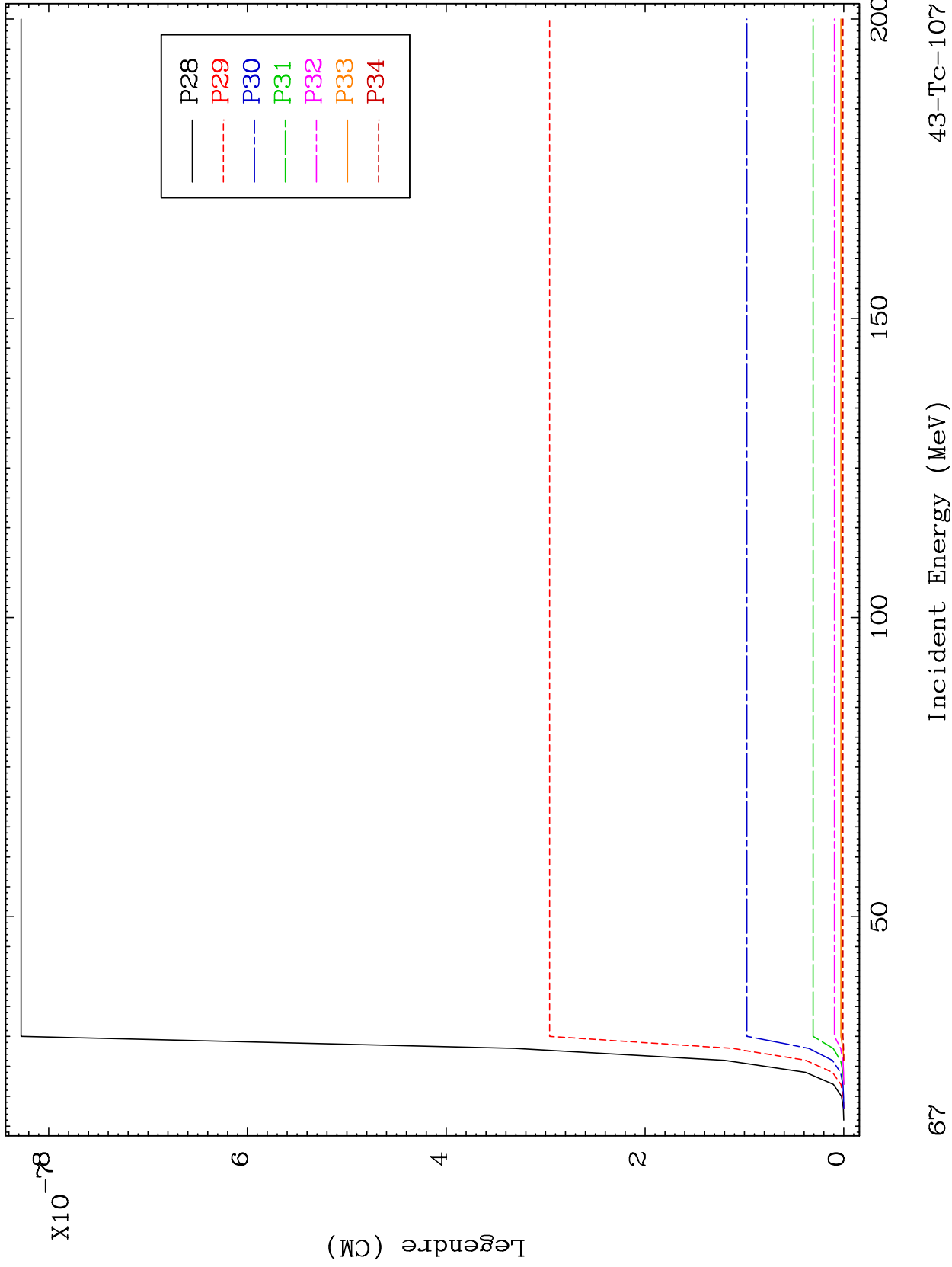


66

MAT 4349

568.4 keV (n,n') Level
Legendre Coefficients

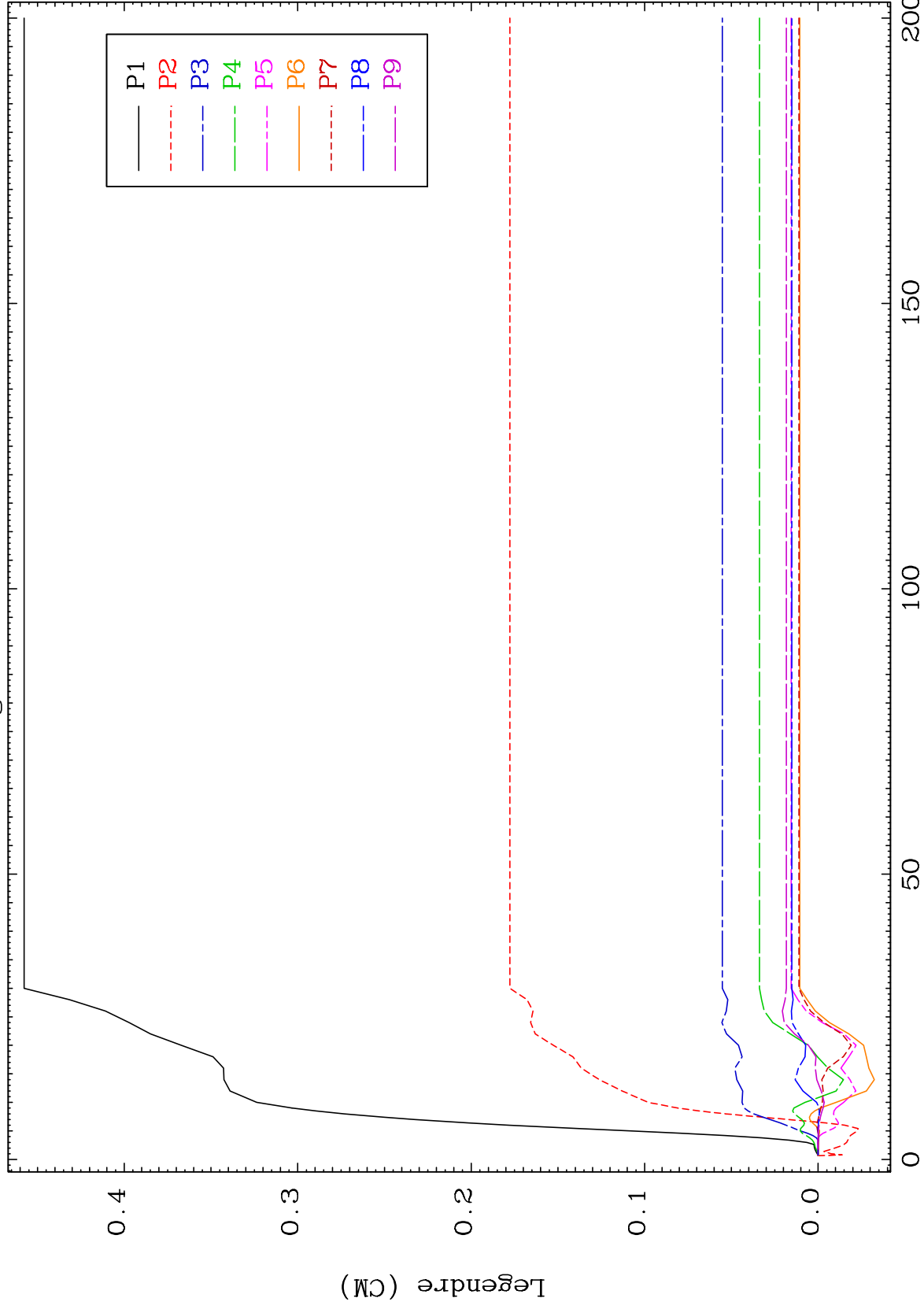
43-Tc-107



MAT 4349

646.2 keV (n,n') Level
Legendre Coefficients

43-Tc-107



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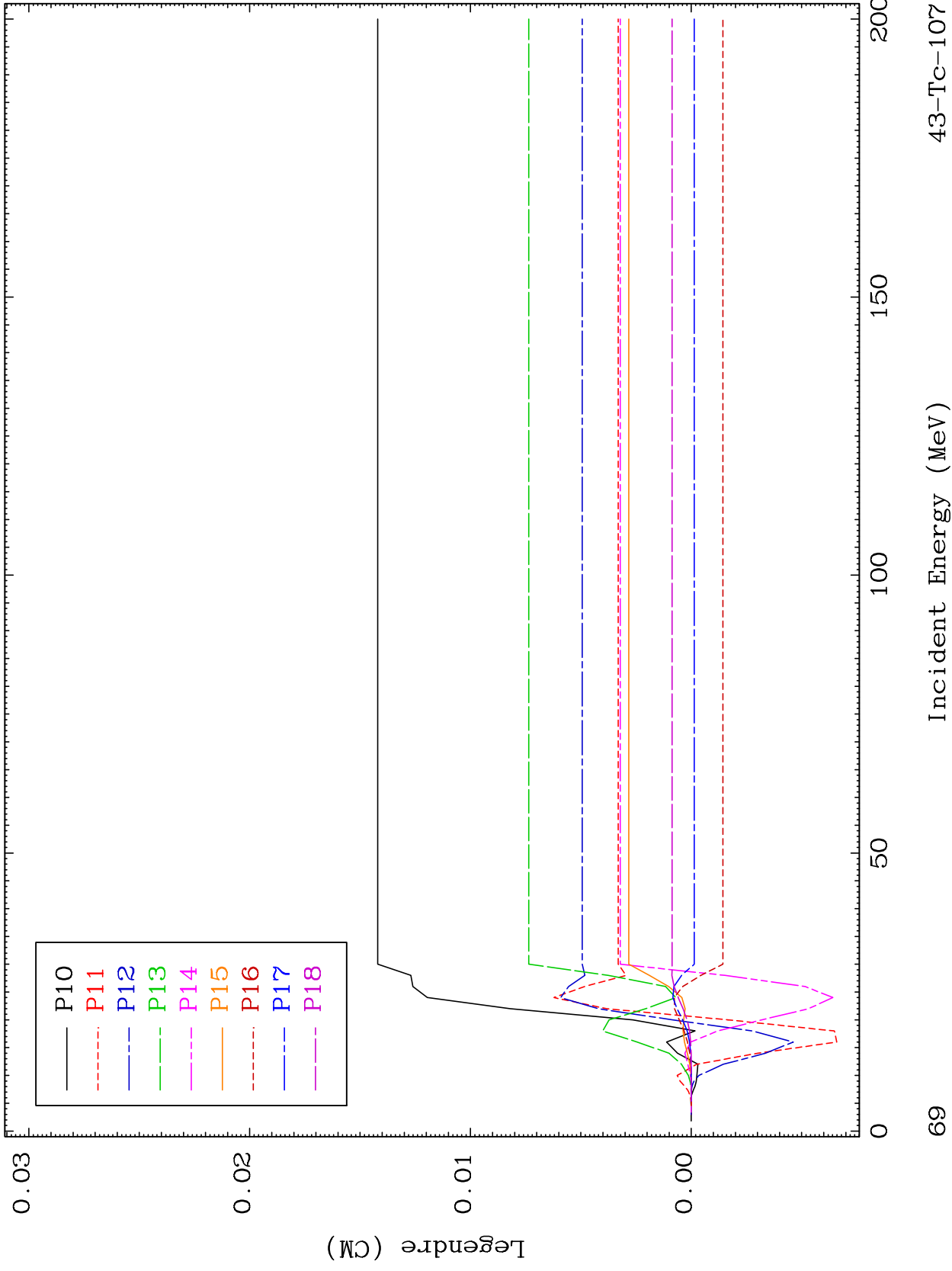
Incident Energy (MeV)

43-Tc-107

MAT 4349

646.2 keV (n,n') Level
Legendre Coefficients

43-Tc-107



69

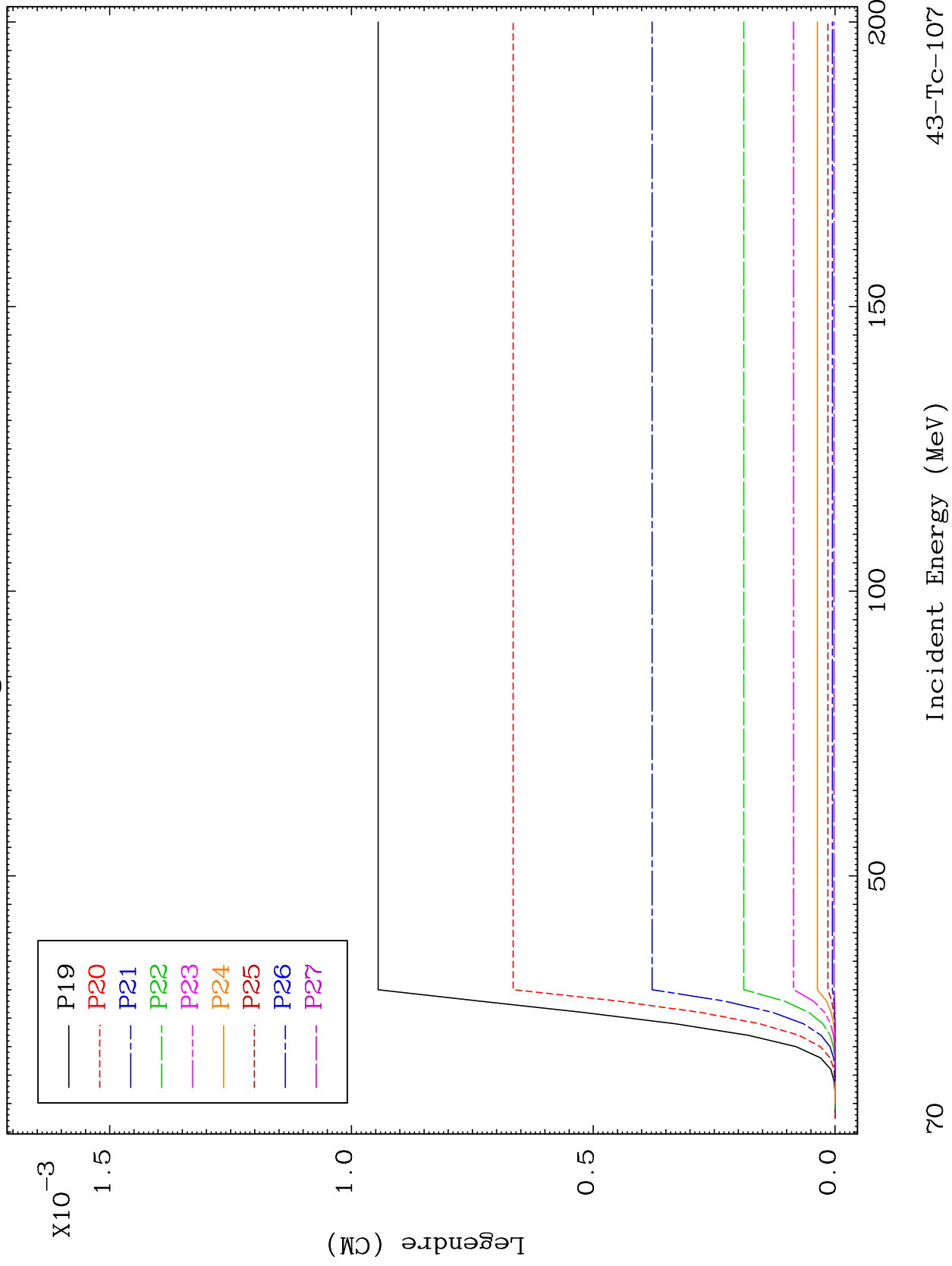
Incident Energy (MeV)

43-Tc-107

MAT 4349

646.2 keV (n,n') Level
Legendre Coefficients

43-Tc-107



70

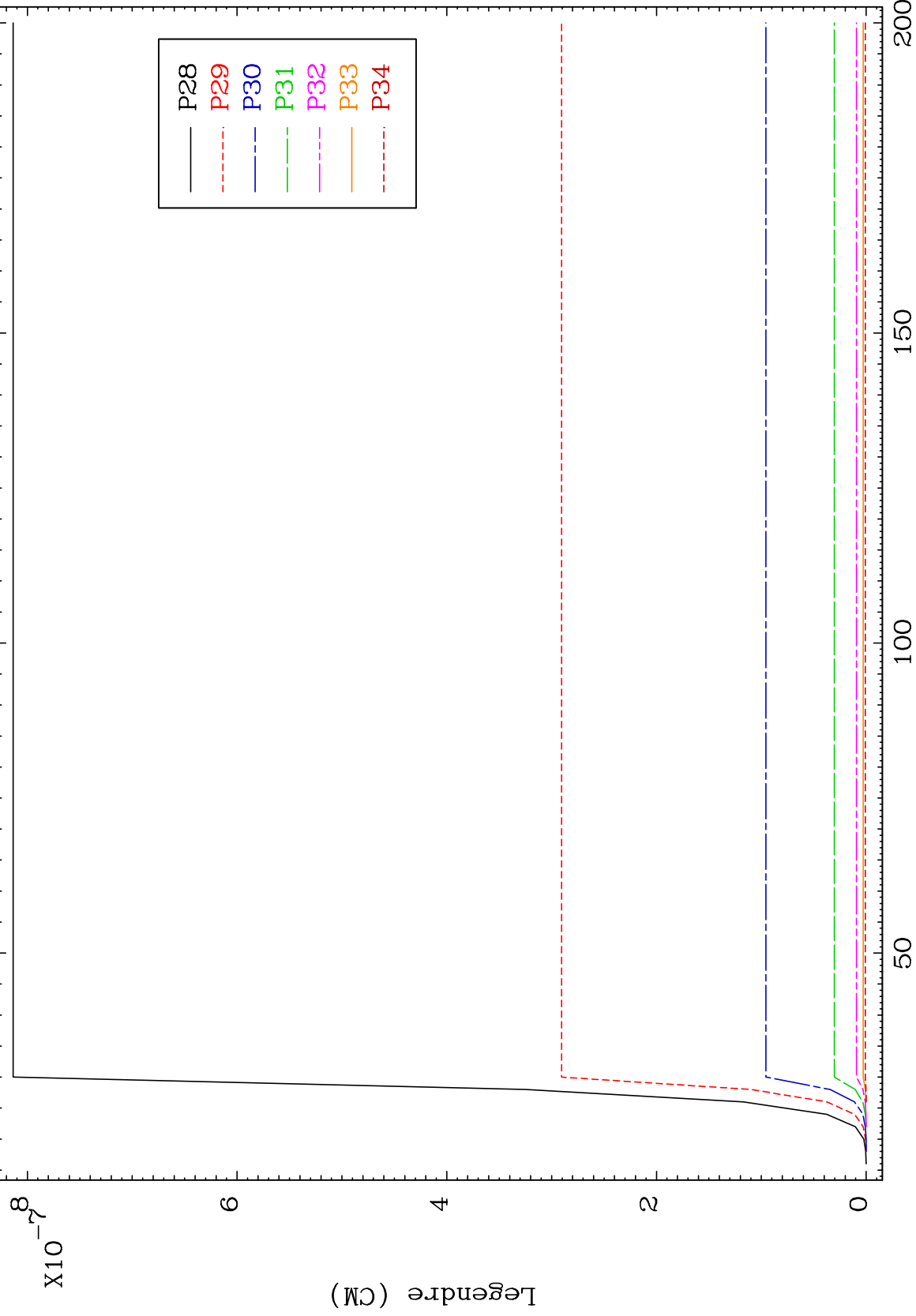
Incident Energy (MeV)

43-Tc-107

MAT 4349

646.2 keV (n,n') Level
Legendre Coefficients

43-Tc-107



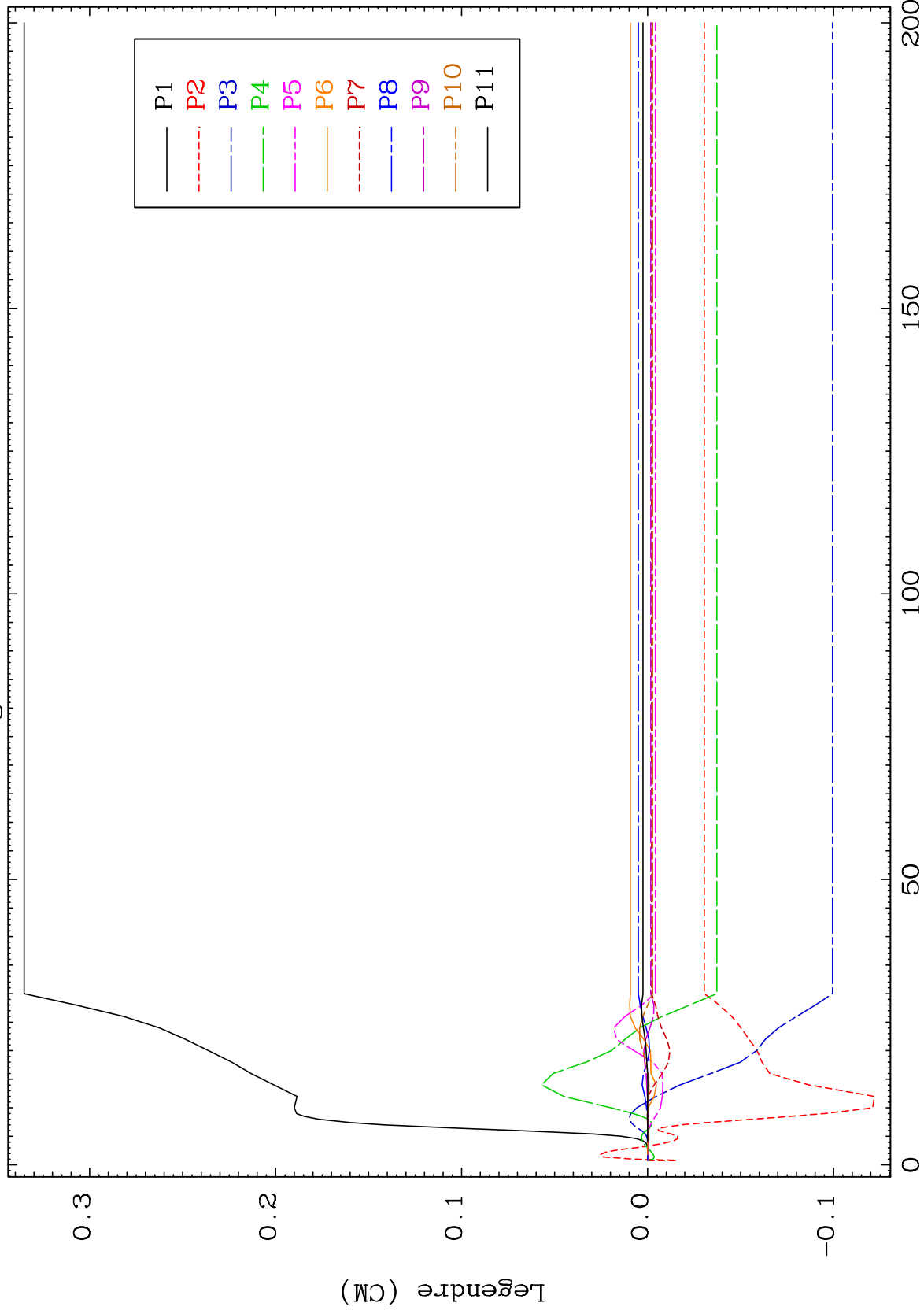
71

43-Tc-107

MAT 4349

728.0 keV (n,n') Level
Legendre Coefficients

43-Tc-107



72

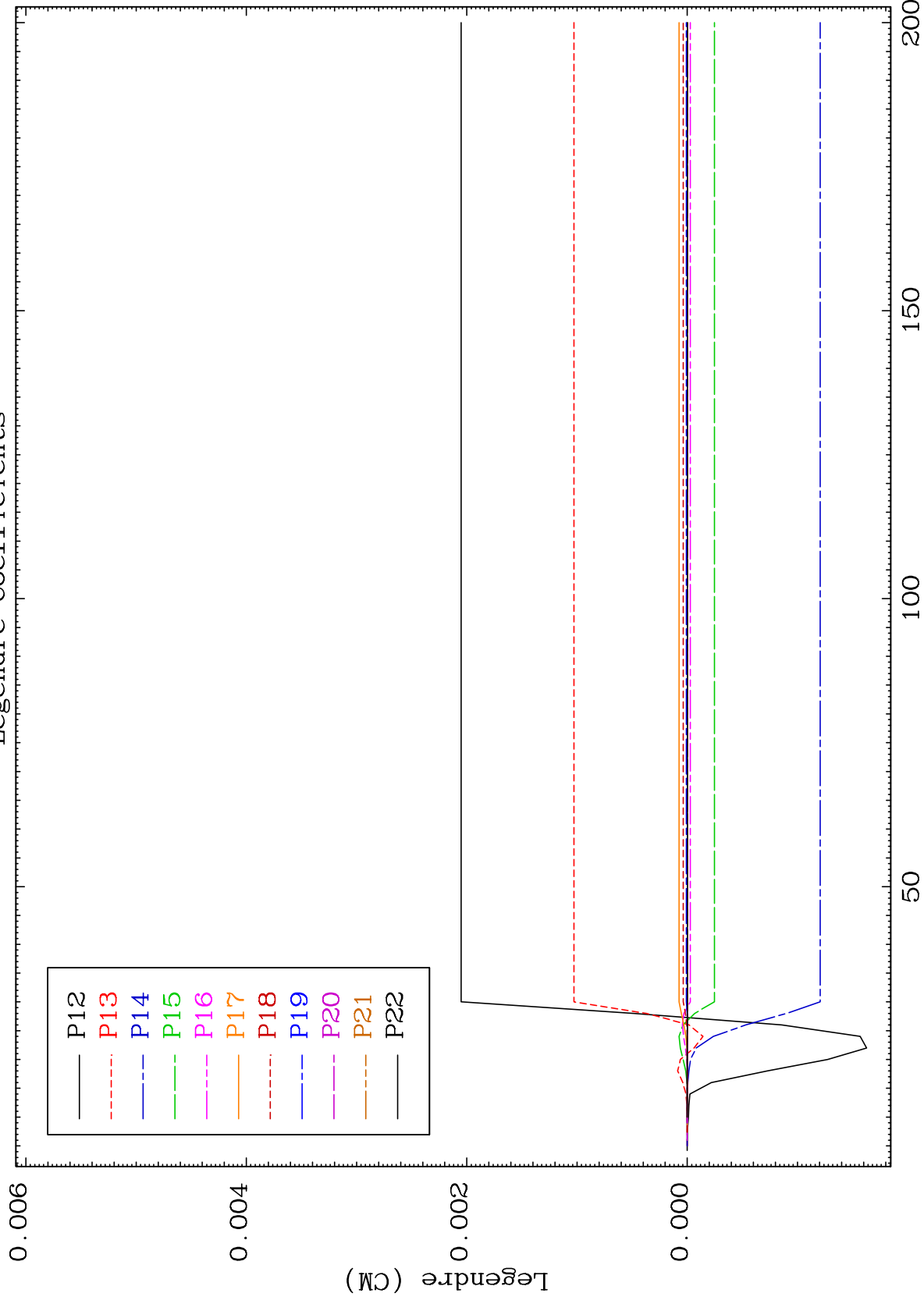
Incident Energy (MeV)

43-Tc-107

MAT 4349

728.0 keV (n,n') Level
Legendre Coefficients

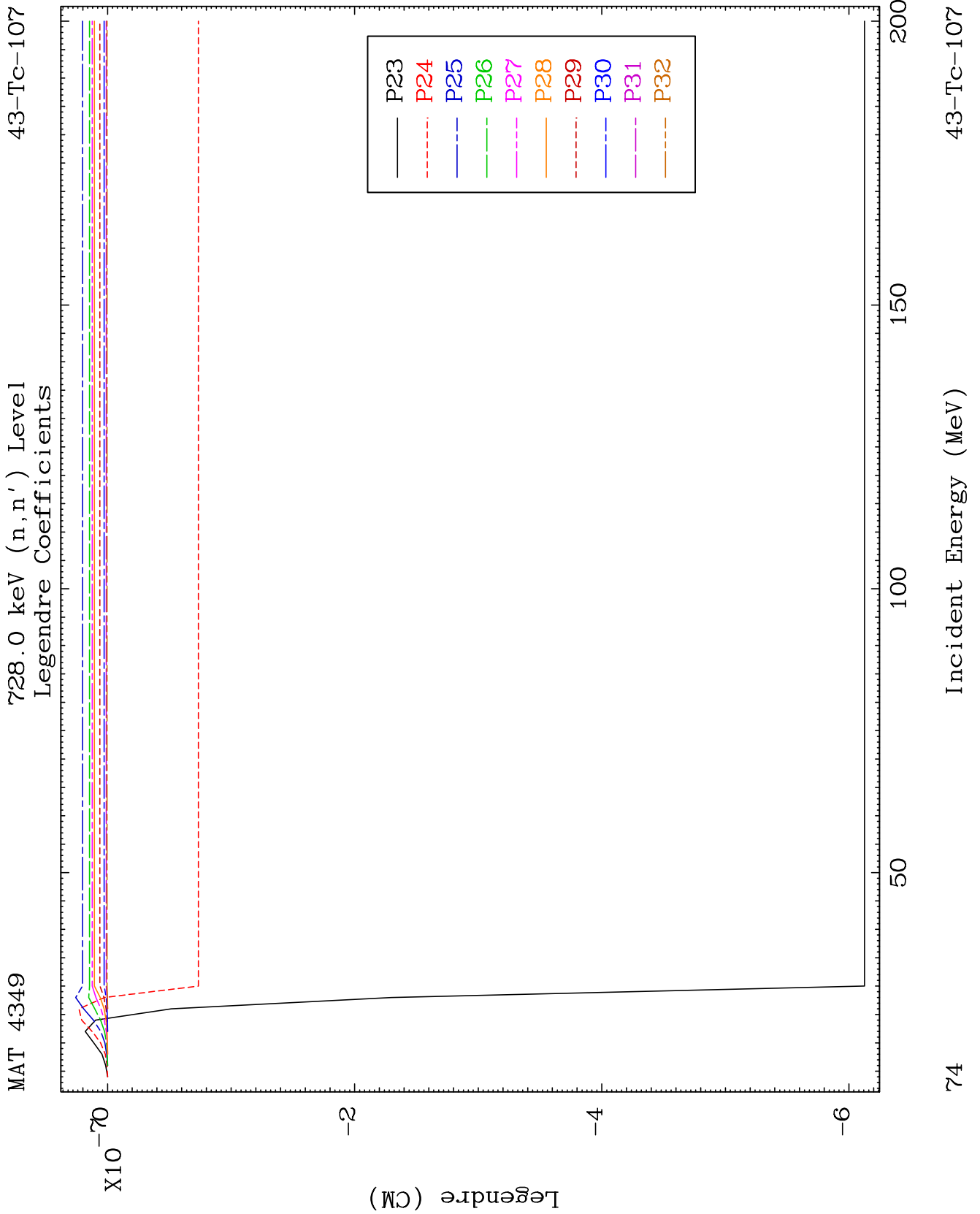
43-Tc-107



73

Incident Energy (MeV)

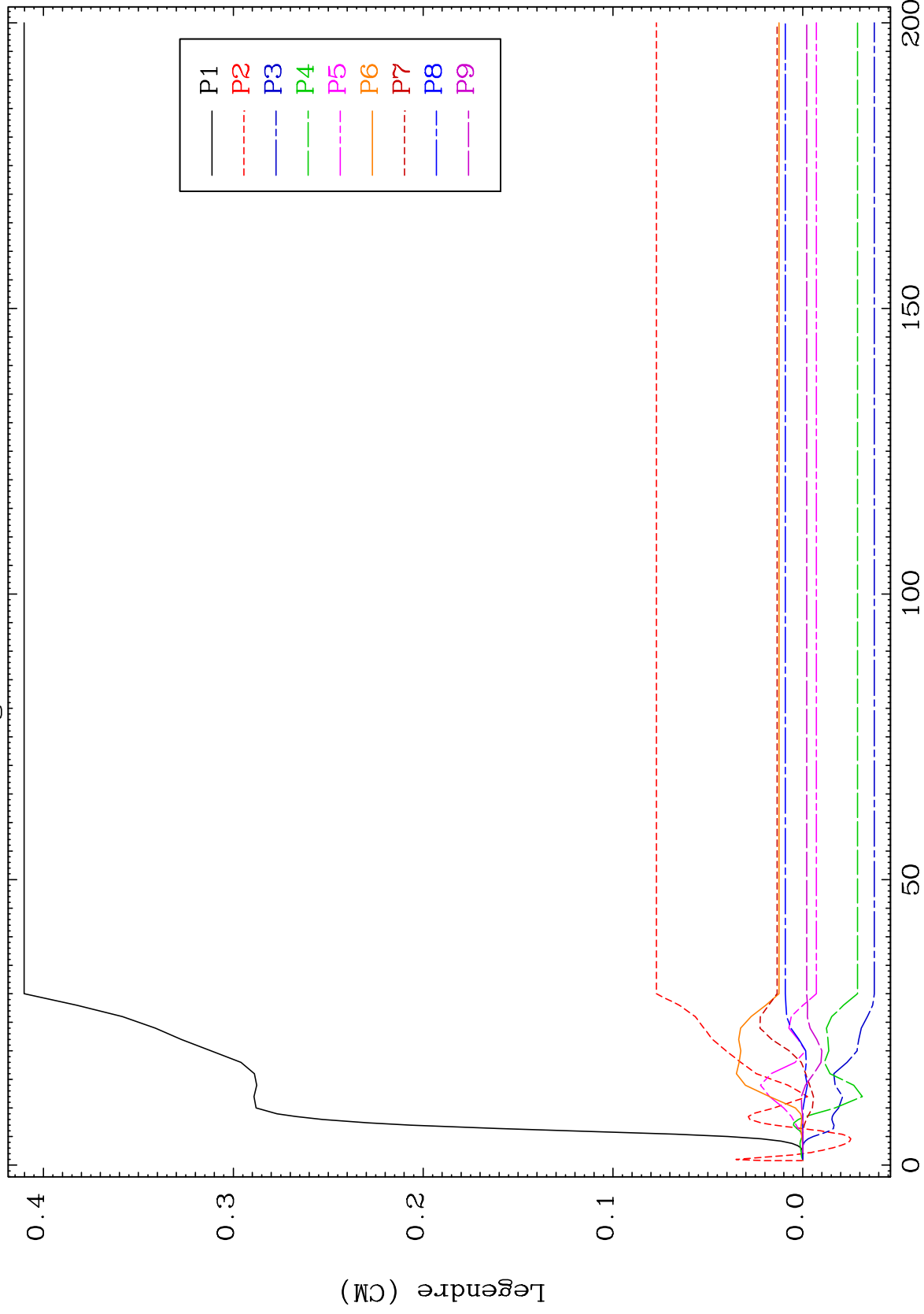
43-Tc-107



MAT 4349

766.0 keV (n,n') Level
Legendre Coefficients

43-Tc-107



75

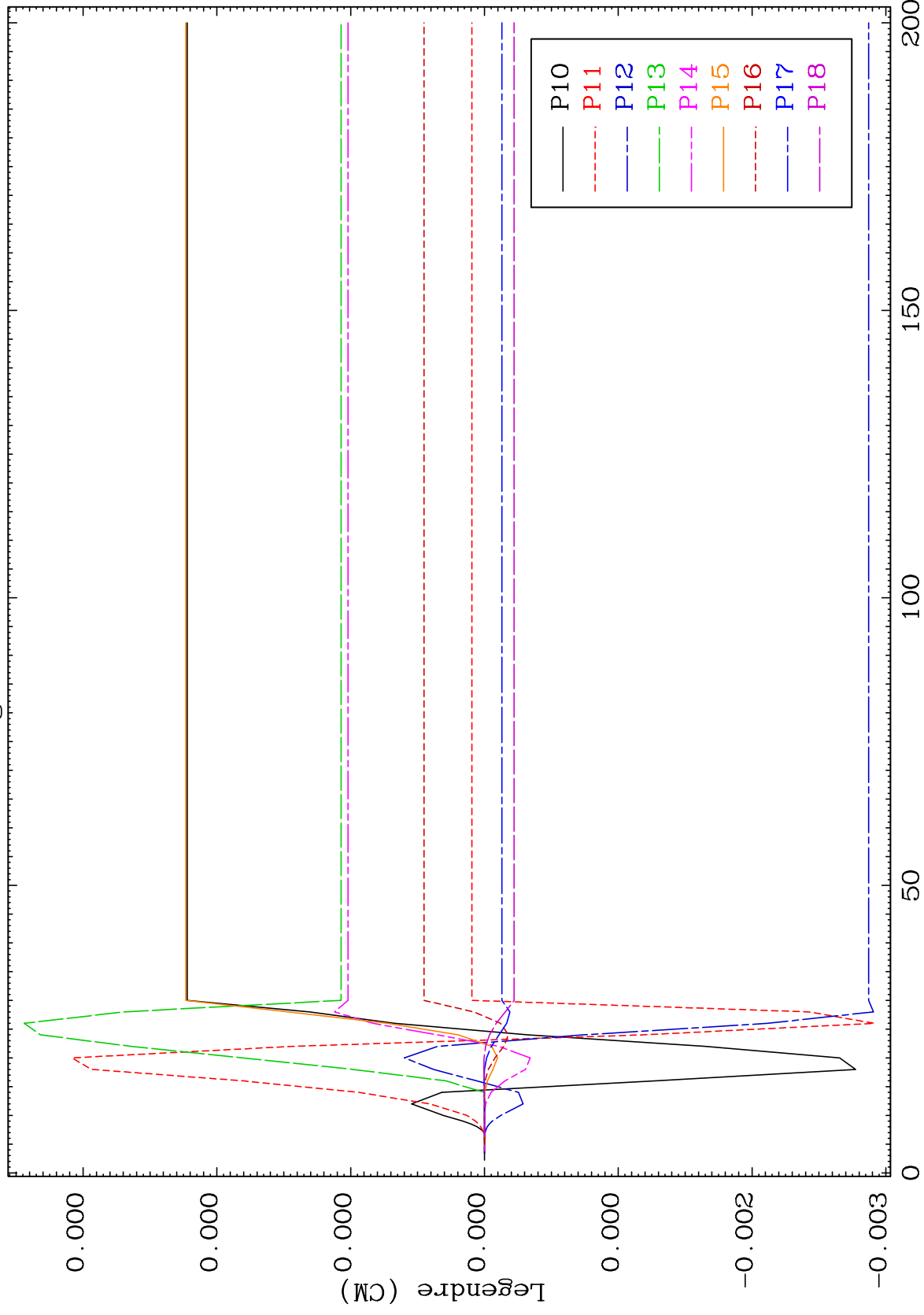
Incident Energy (MeV)

43-Tc-107

MAT 4349

766.0 keV (n,n') Level
Legendre Coefficients

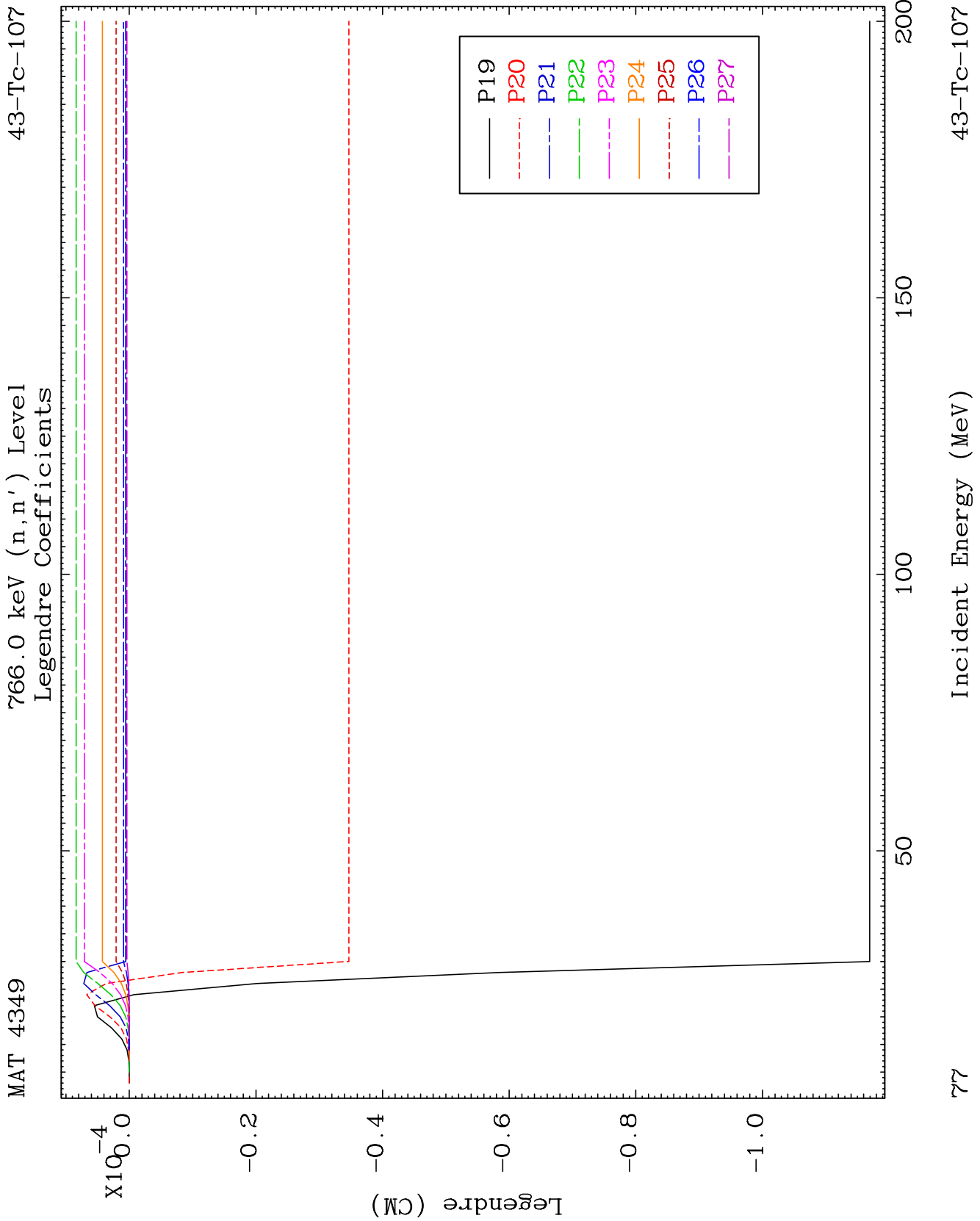
43-Tc-107

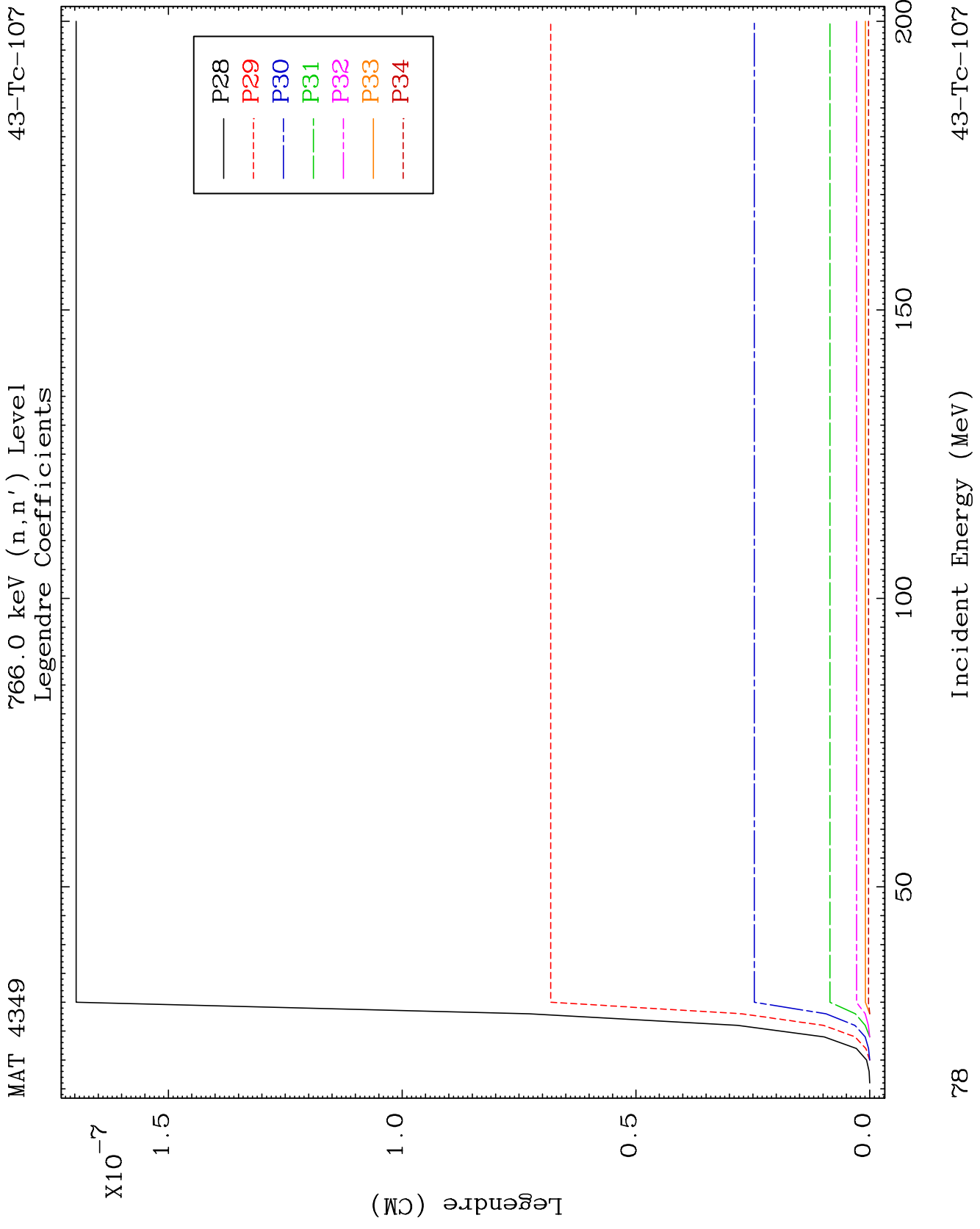


76

Incident Energy (MeV)

43-Tc-107

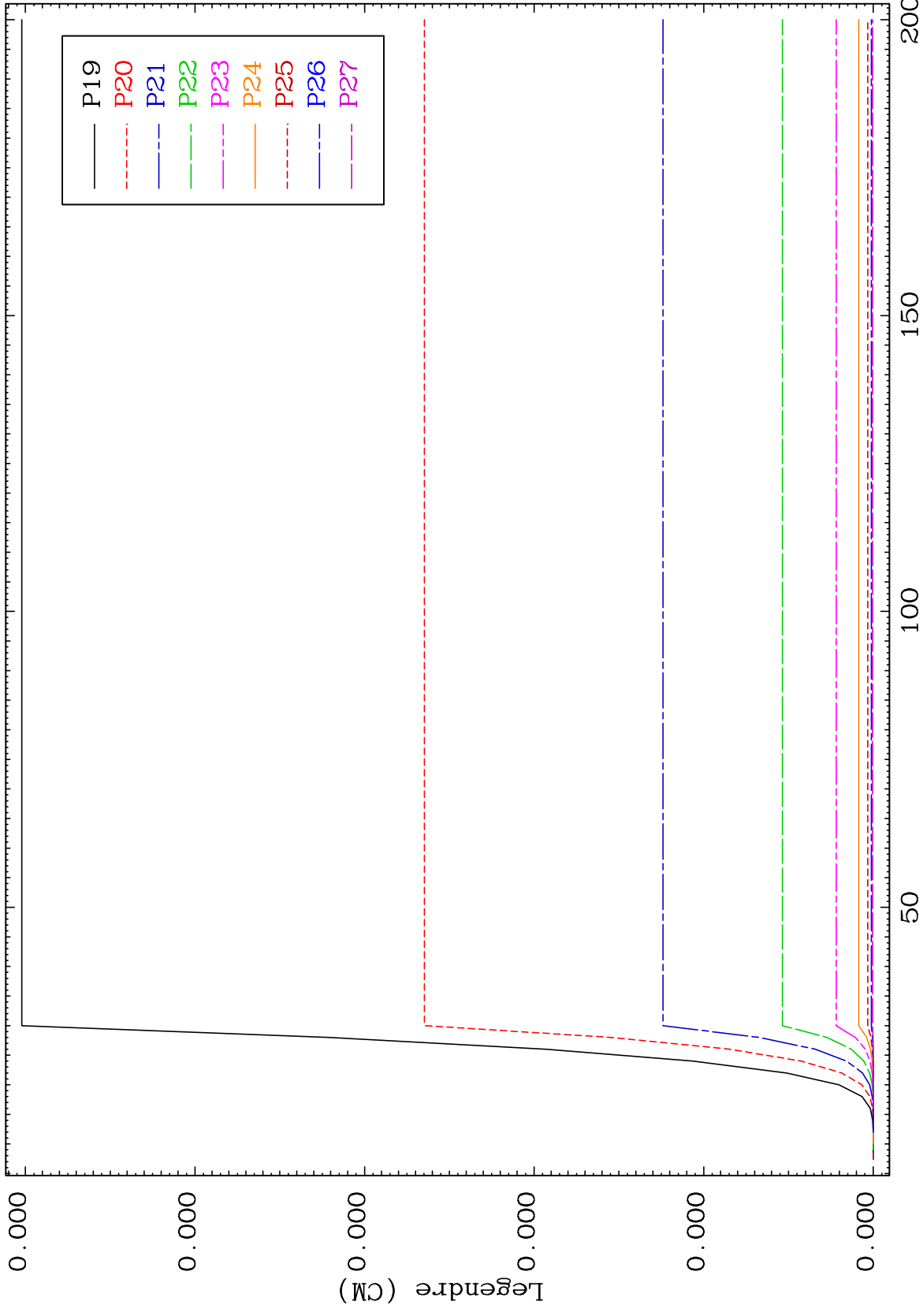




MAT 4349

850.7 keV (n,n') Level
Legendre Coefficients

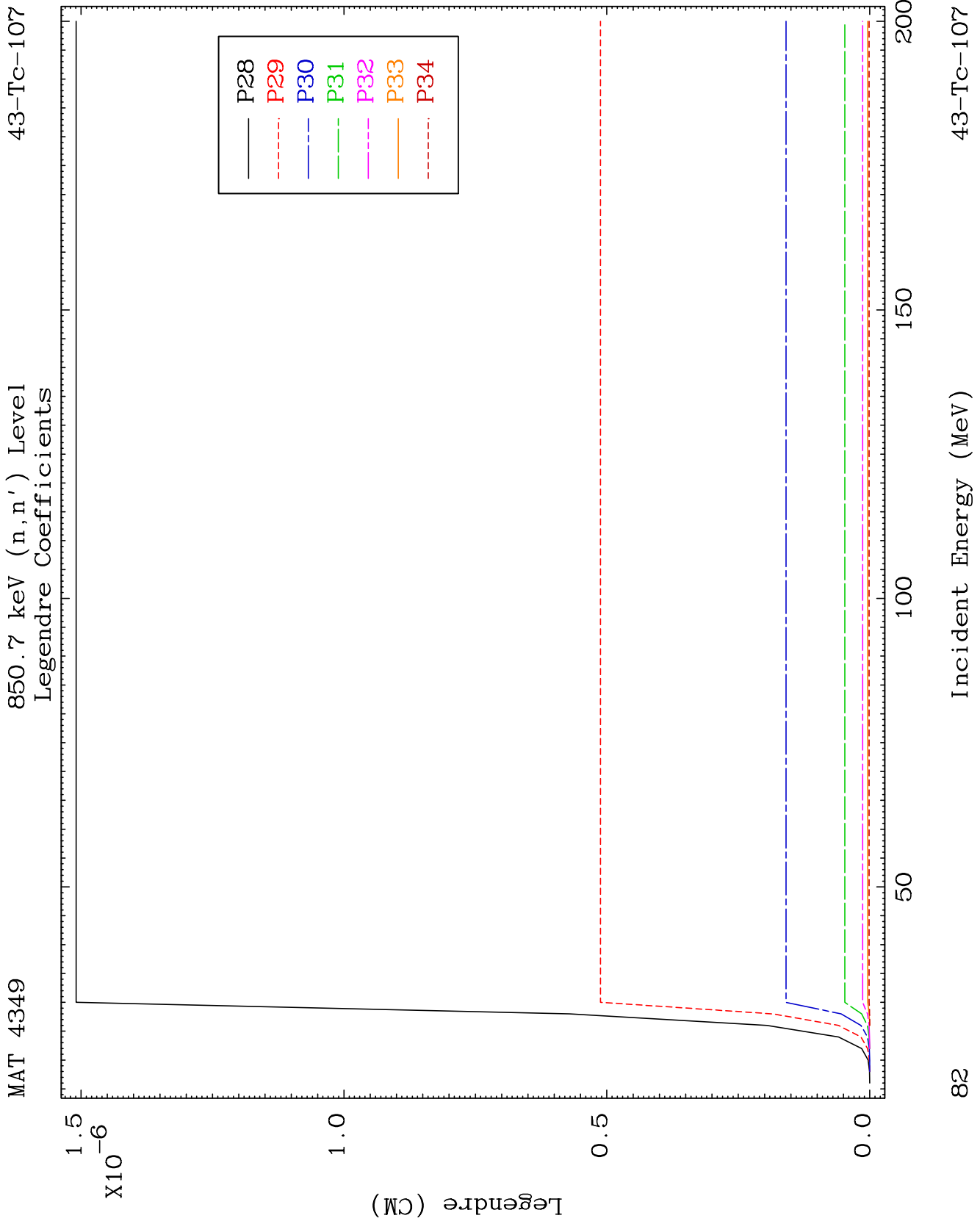
43-Tc-107



81

Incident Energy (MeV)

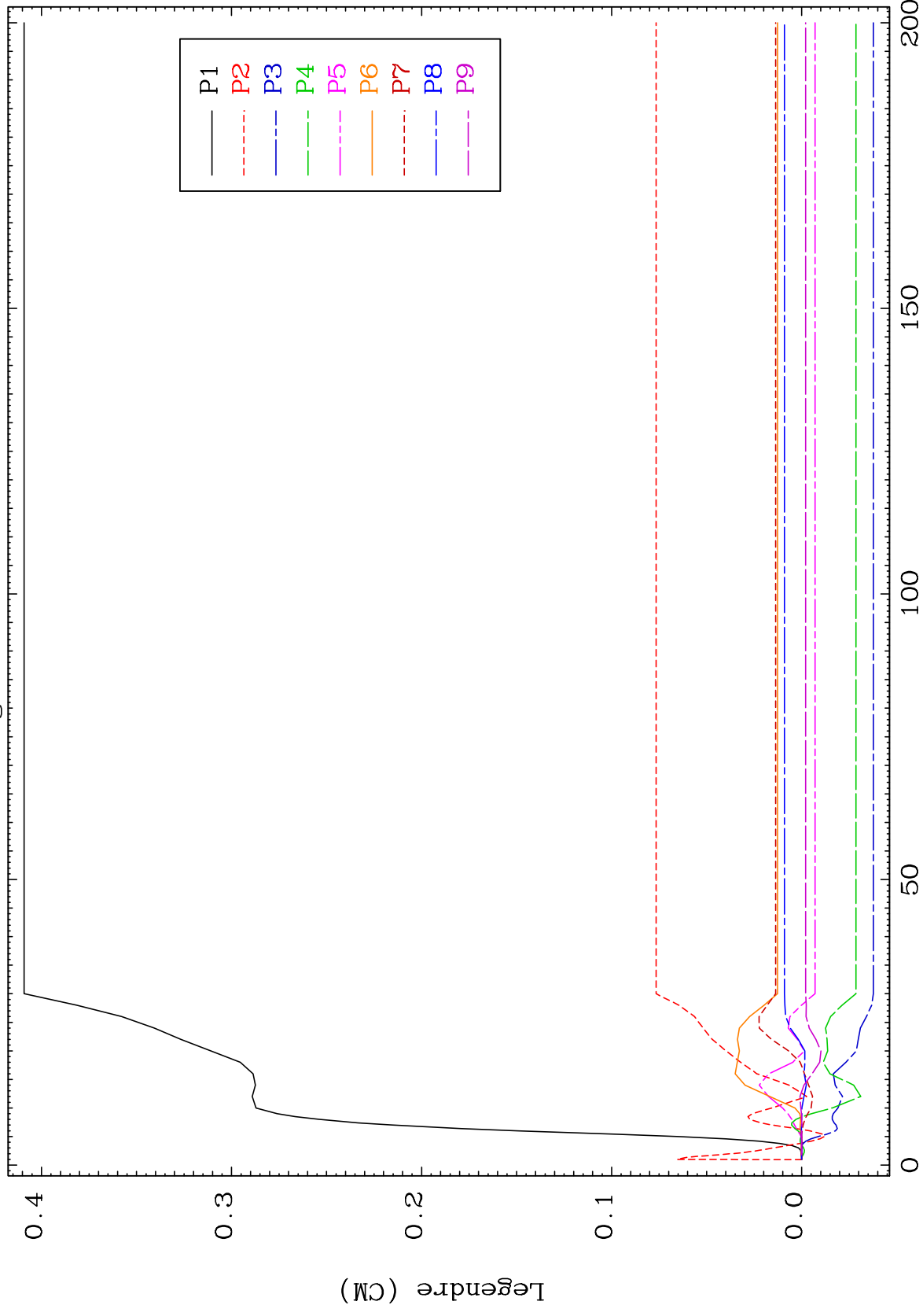
43-Tc-107



MAT 4349

934.7 keV (n,n') Level
Legendre Coefficients

43-Tc-107



83

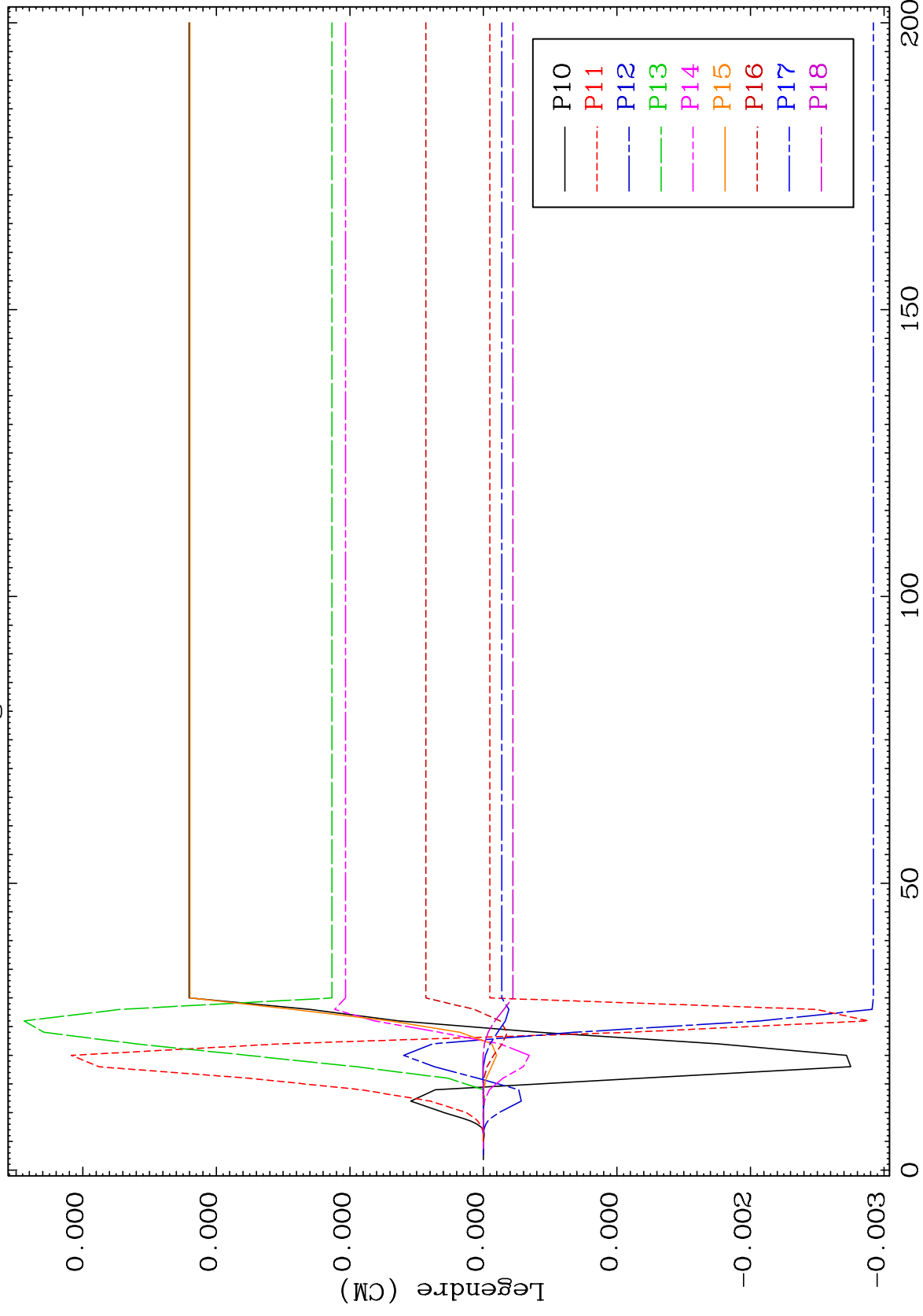
Incident Energy (MeV)

43-Tc-107

MAT 4349

934.7 keV (n,n') Level
Legendre Coefficients

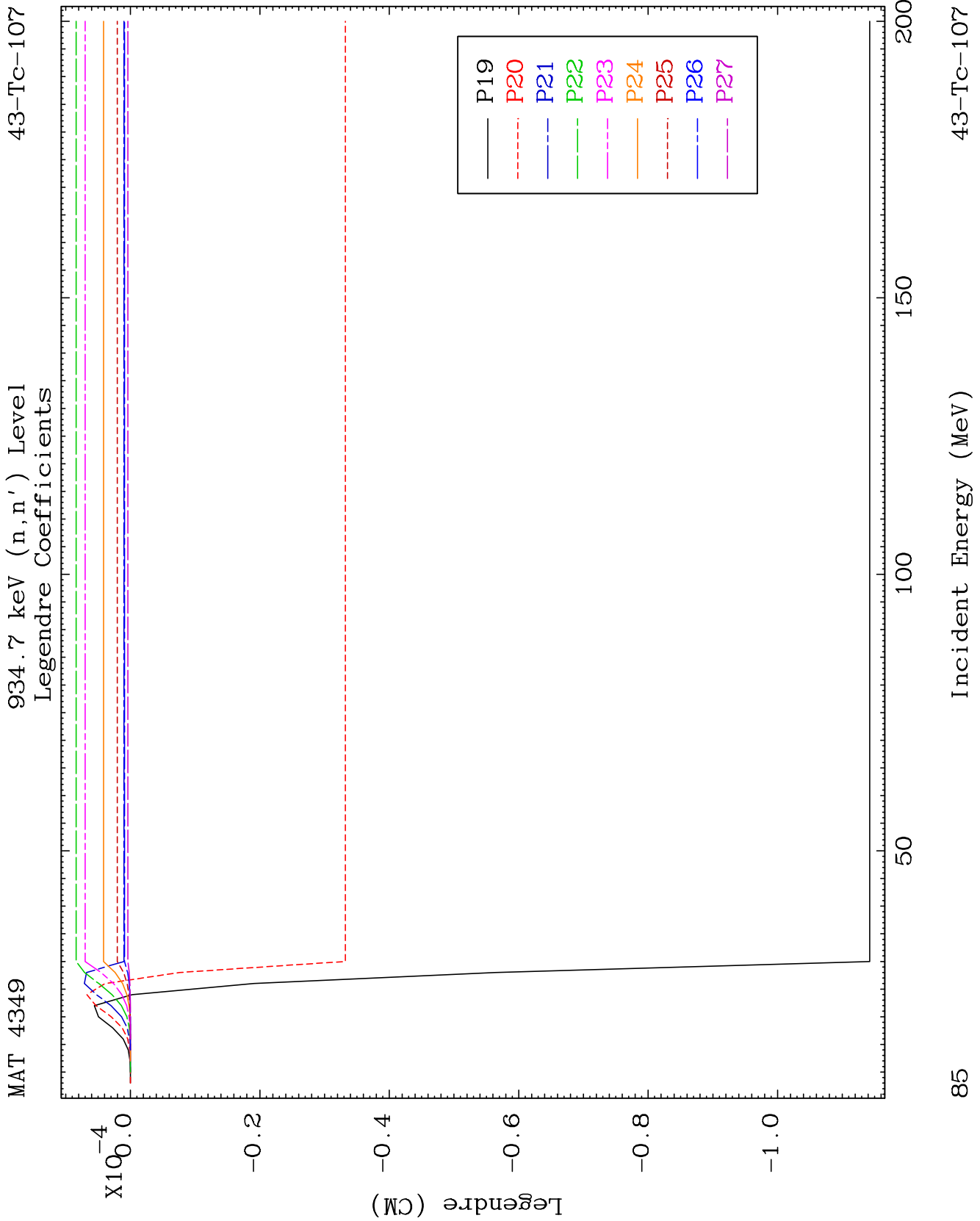
43-Tc-107



84

Incident Energy (MeV)

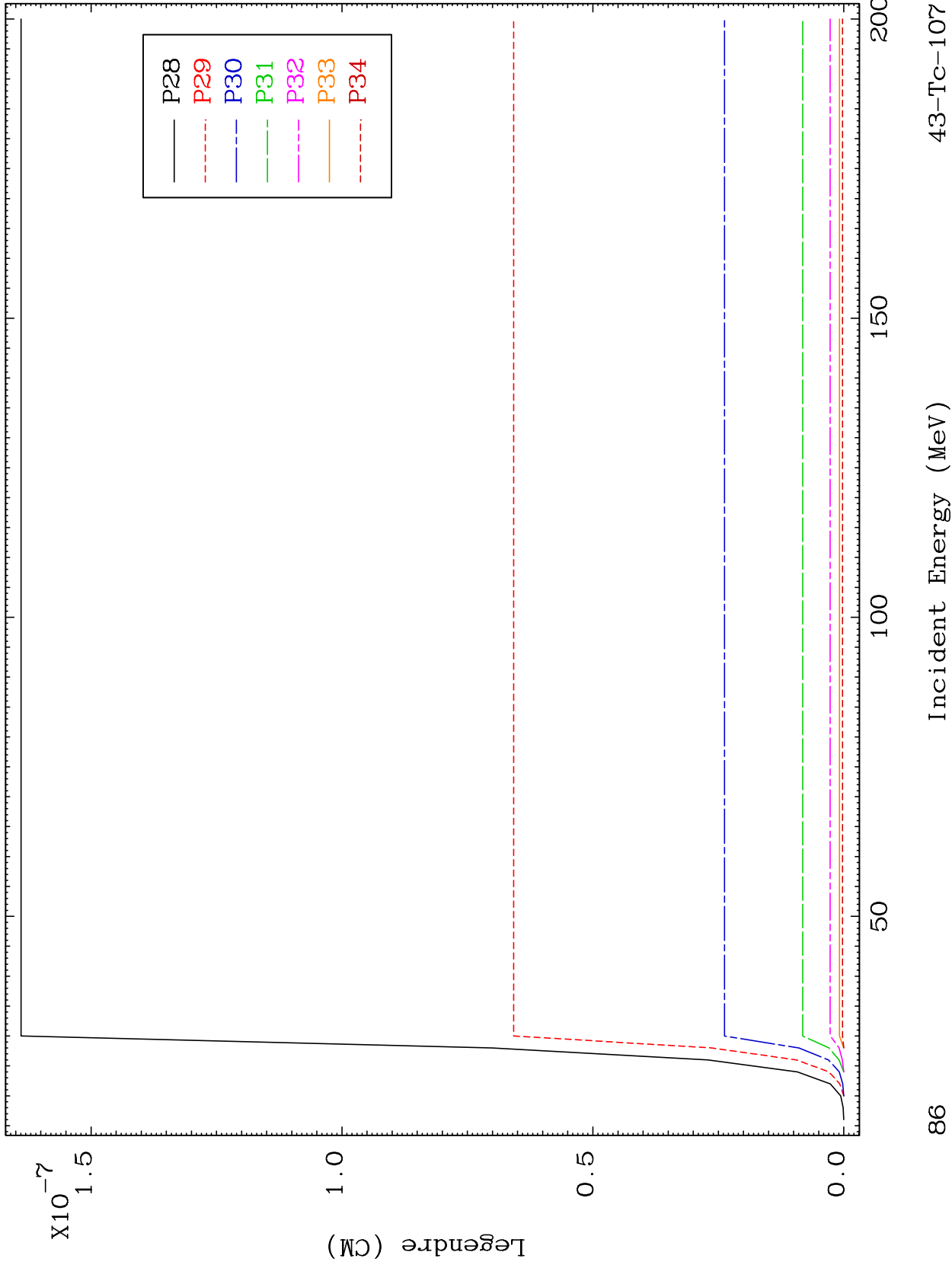
43-Tc-107



MAT 4349

934.7 keV (n,n') Level
Legendre Coefficients

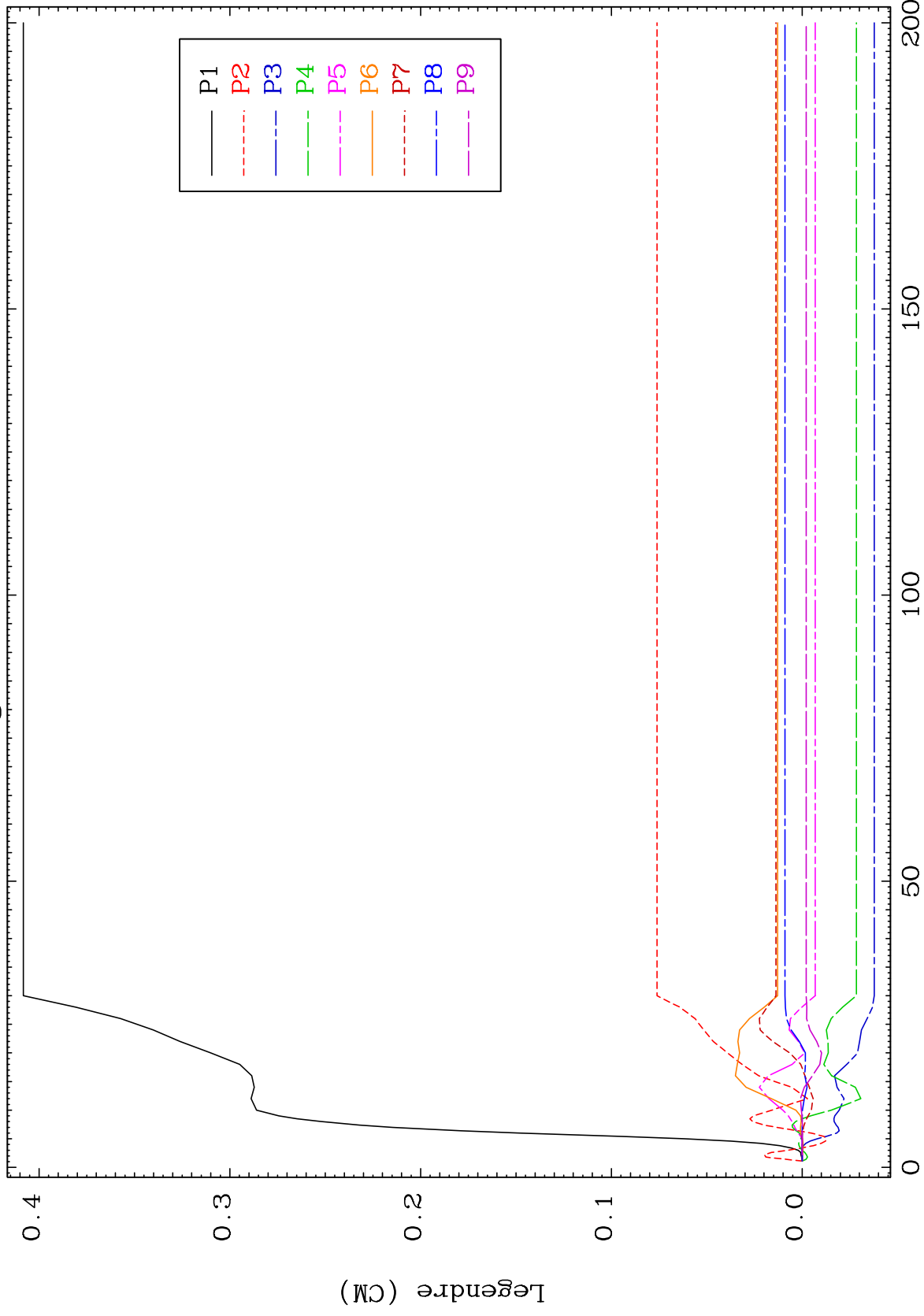
43-Tc-107



MAT 4349

1.088 MeV (n, n') Level
Legendre Coefficients

43-Tc-107



87

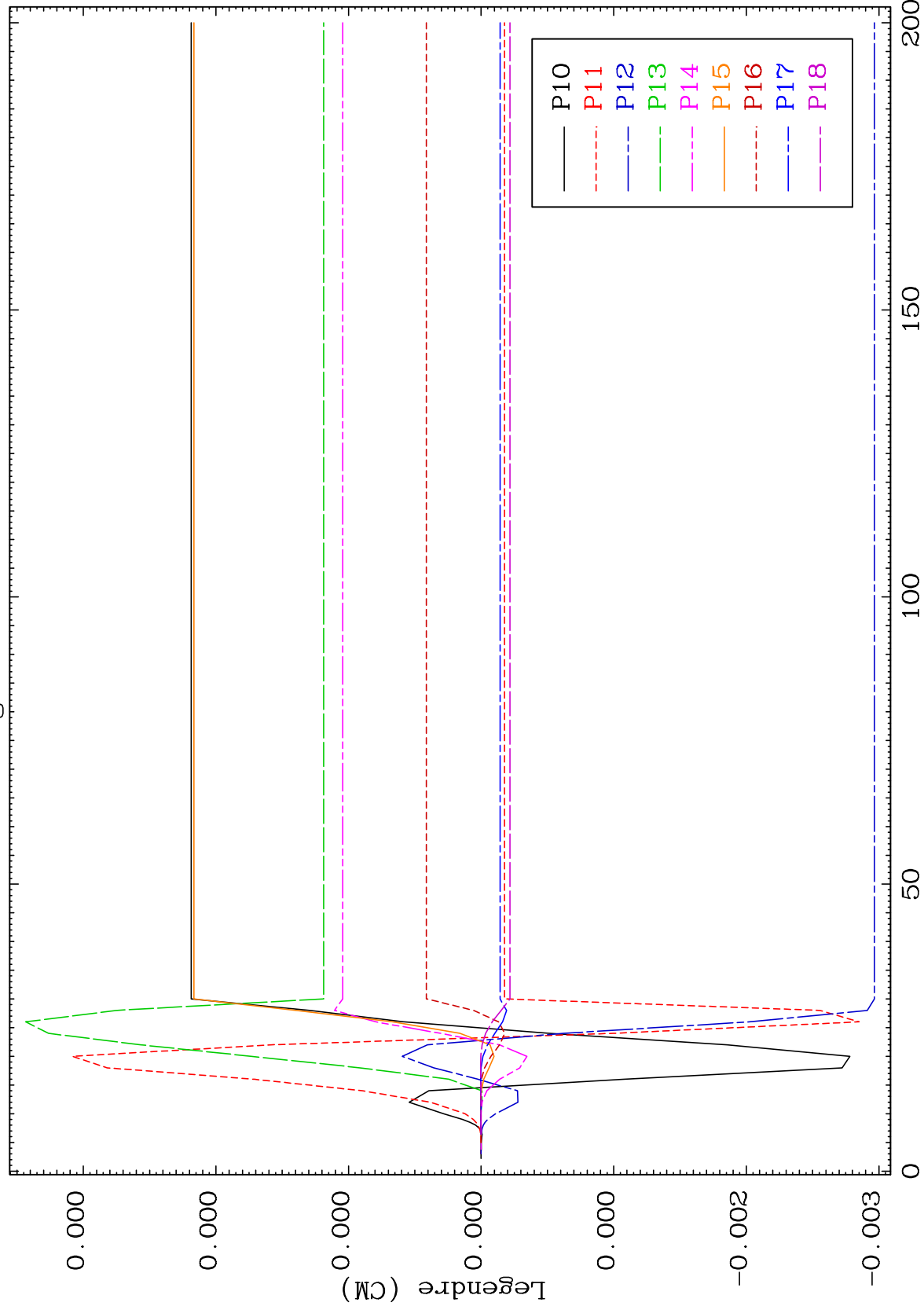
Incident Energy (MeV)

43-Tc-107

MAT 4349

1.088 MeV (n,n') Level
Legendre Coefficients

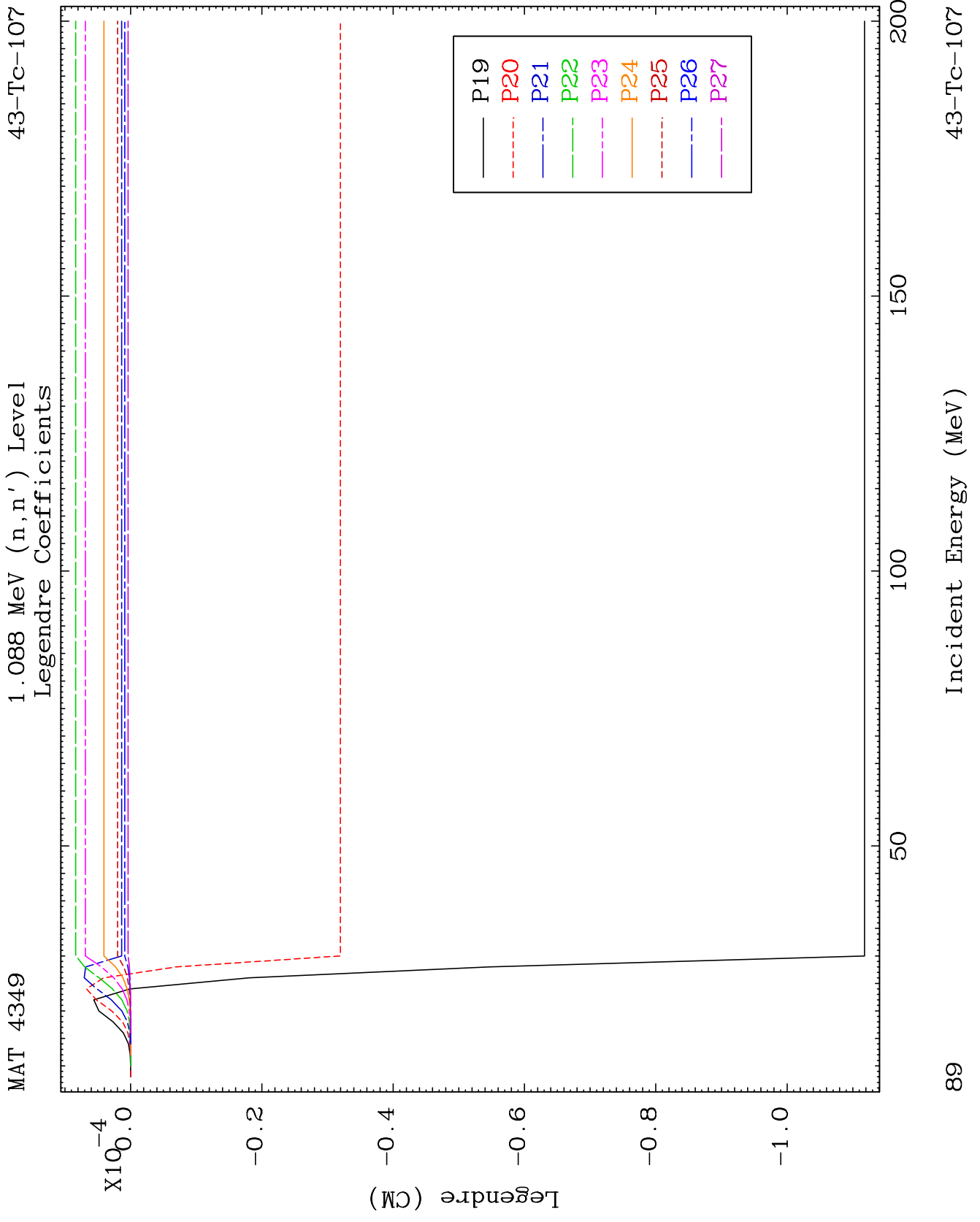
43-Tc-107

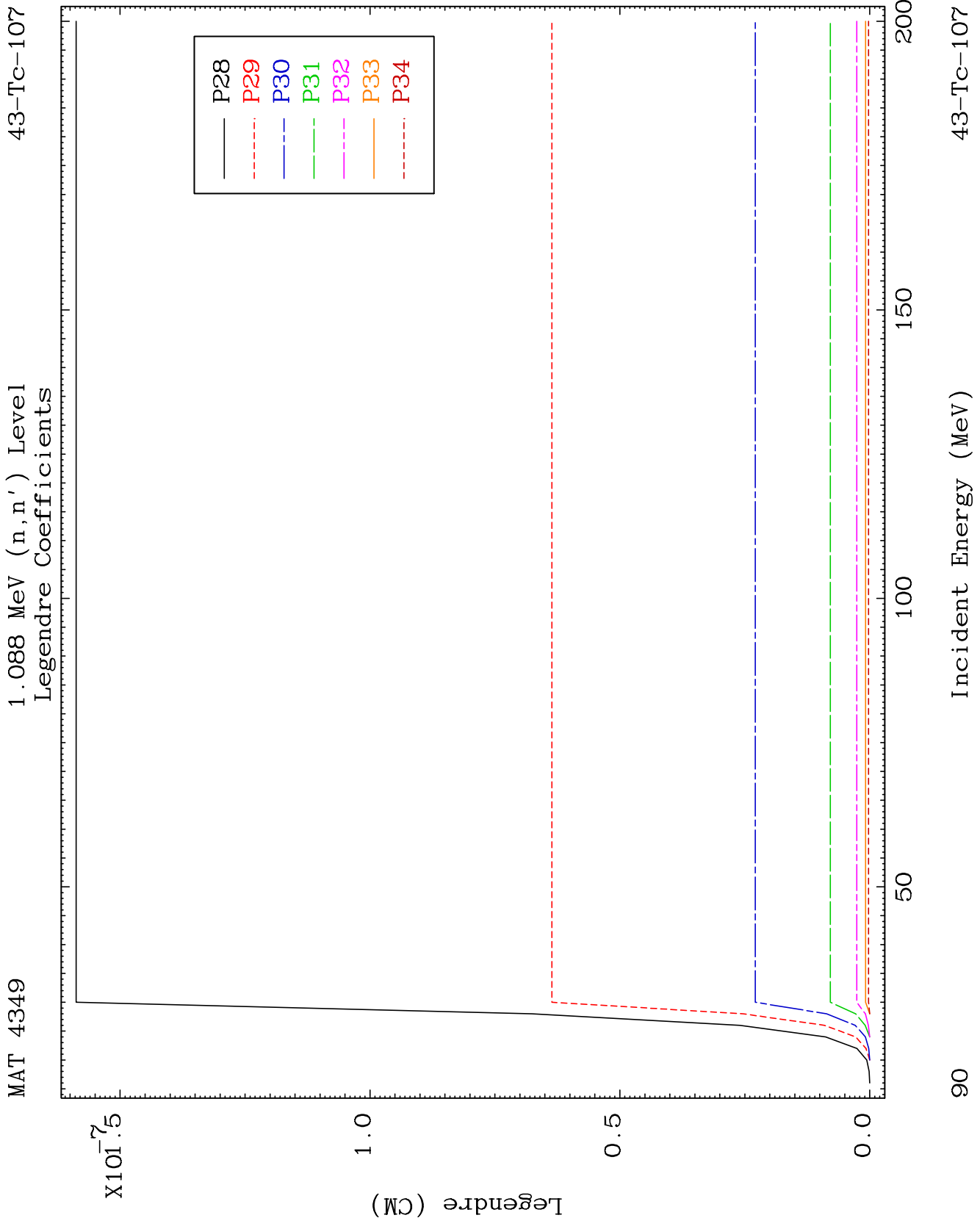


88

Incident Energy (MeV)

43-Tc-107

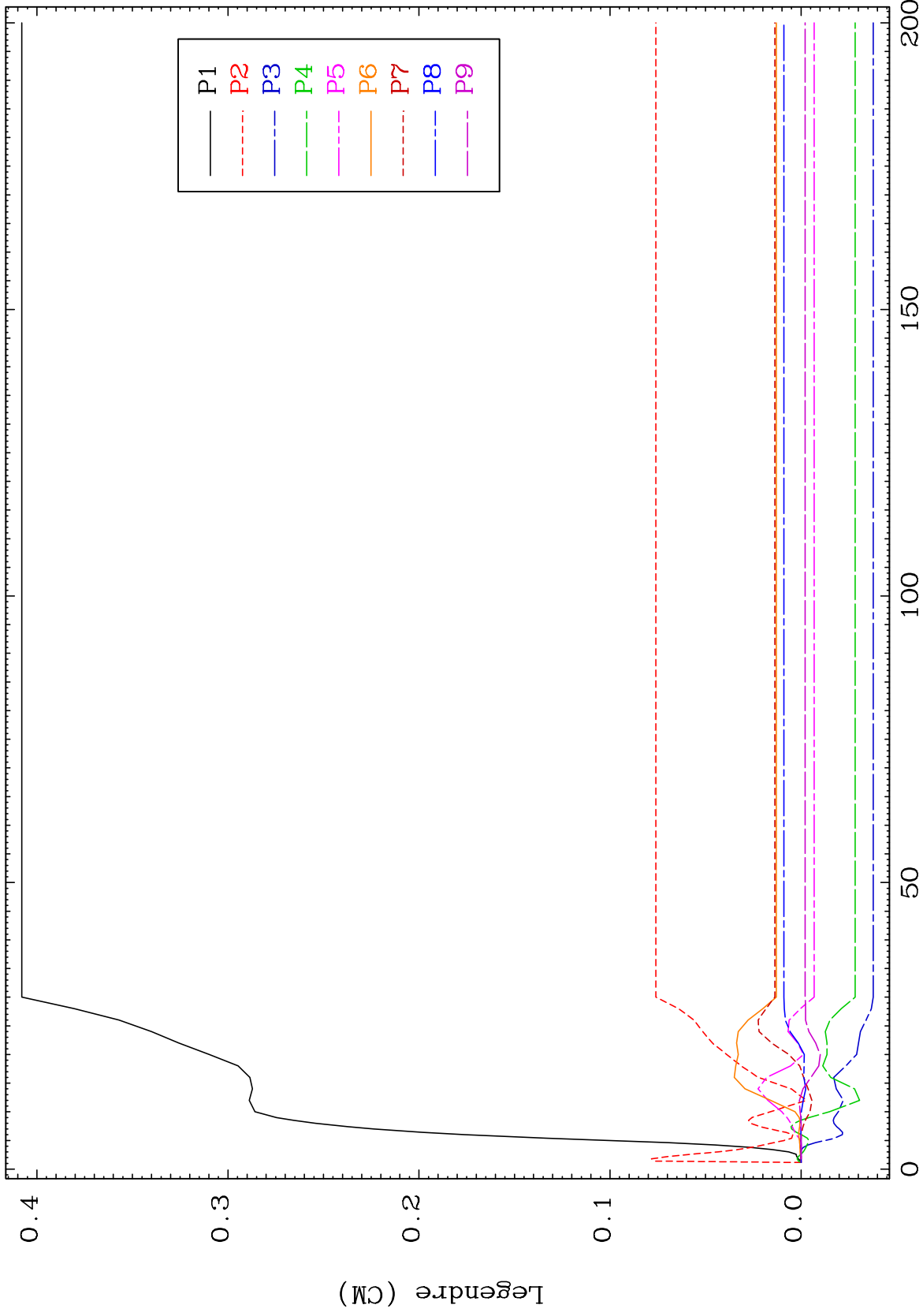




MAT 4349

1.143 MeV (n,n') Level
Legendre Coefficients

43-Tc-107



91

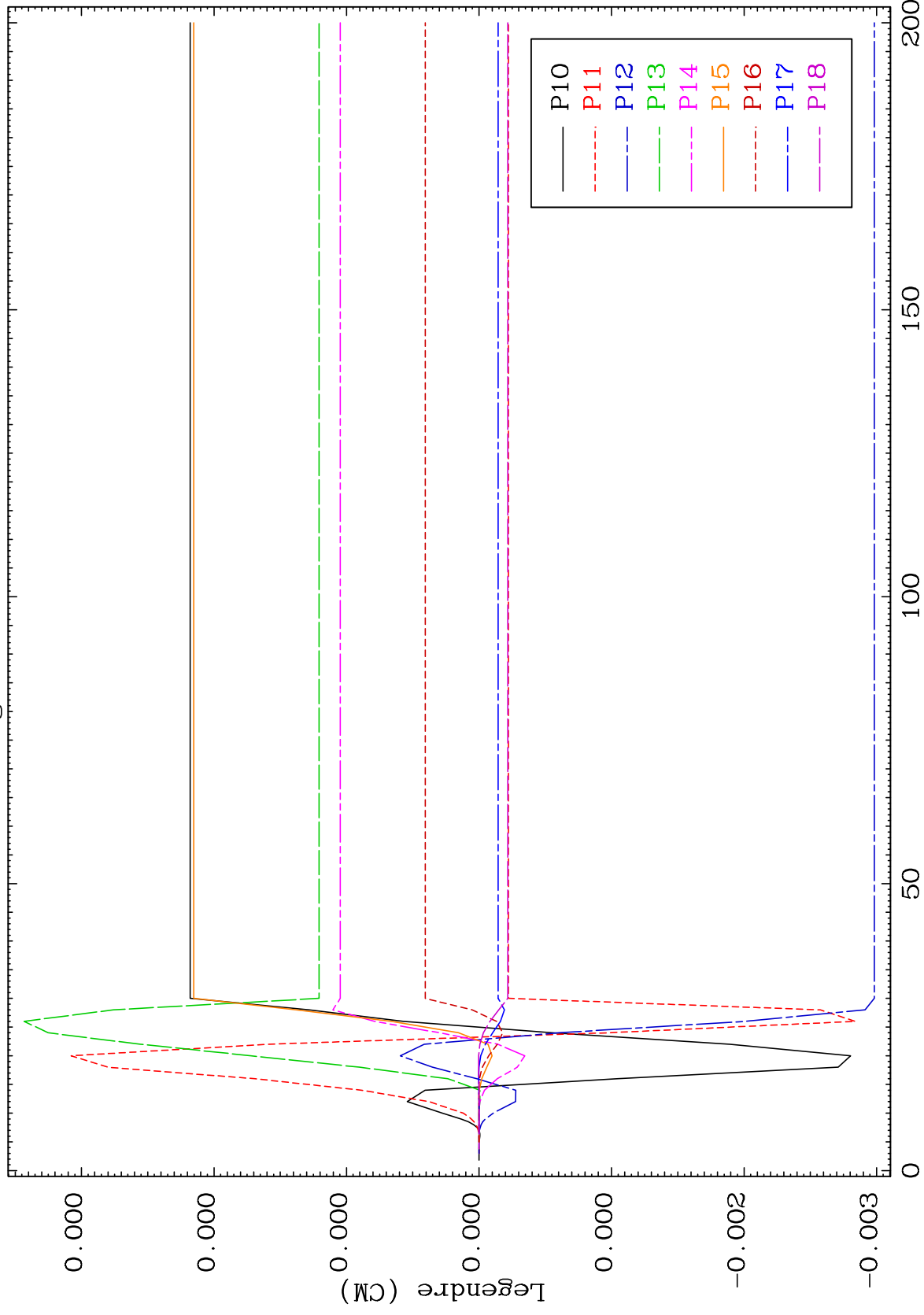
Incident Energy (MeV)

43-Tc-107

MAT 4349

1.143 MeV (n,n') Level
Legendre Coefficients

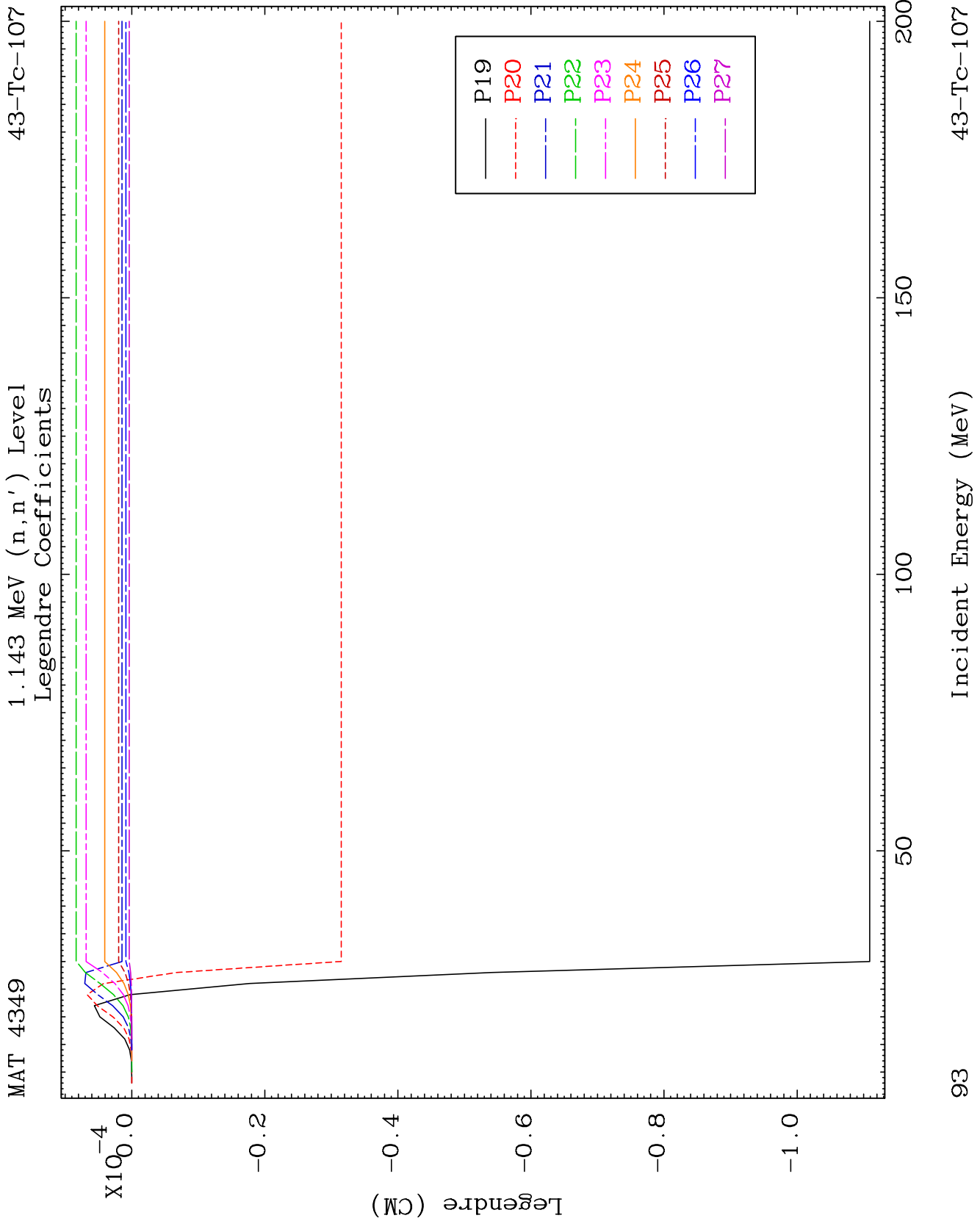
43-Tc-107



92

Incident Energy (MeV)

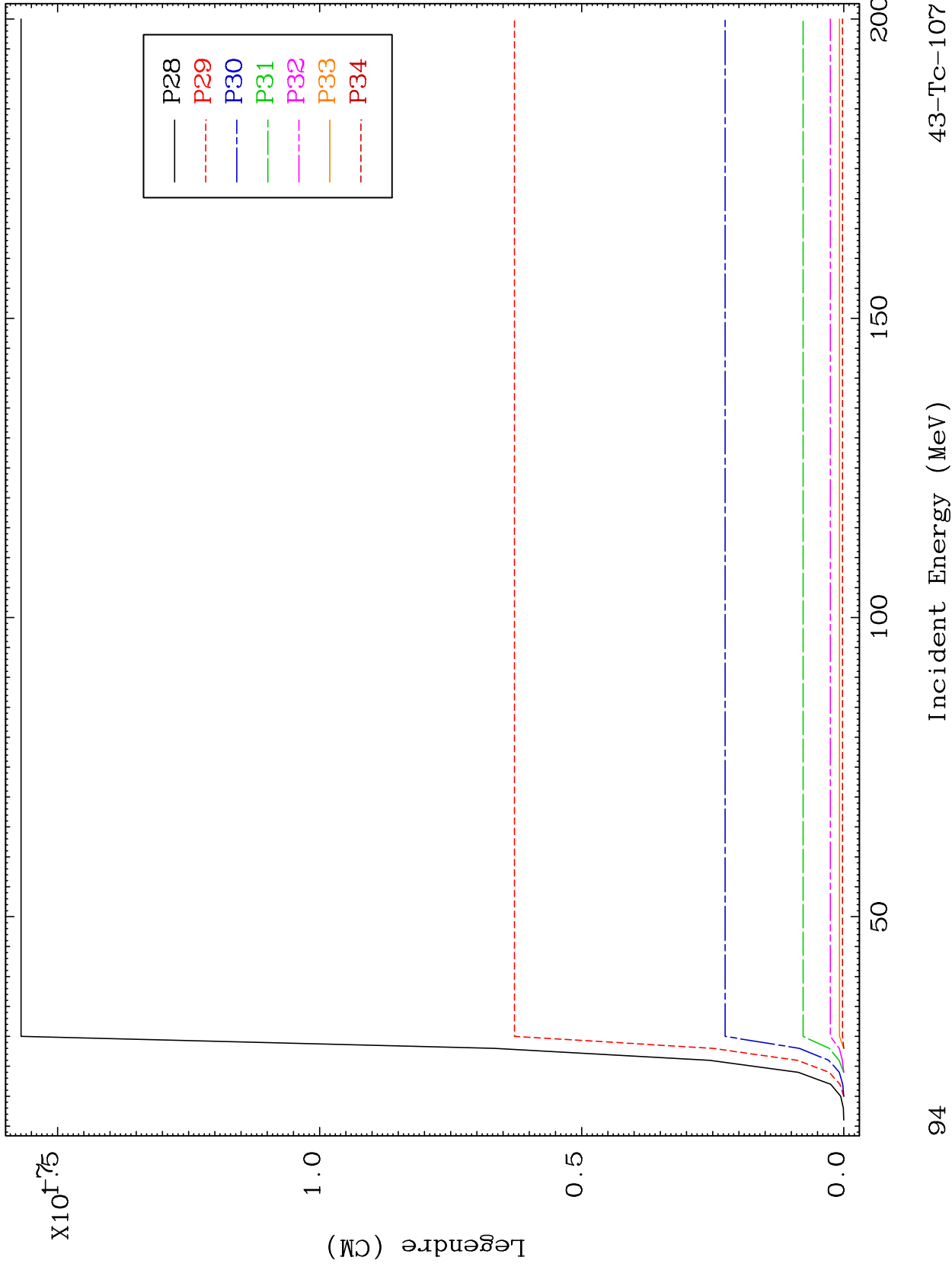
43-Tc-107



MAT 4349

1.143 MeV (n, n') Level
Legendre Coefficients

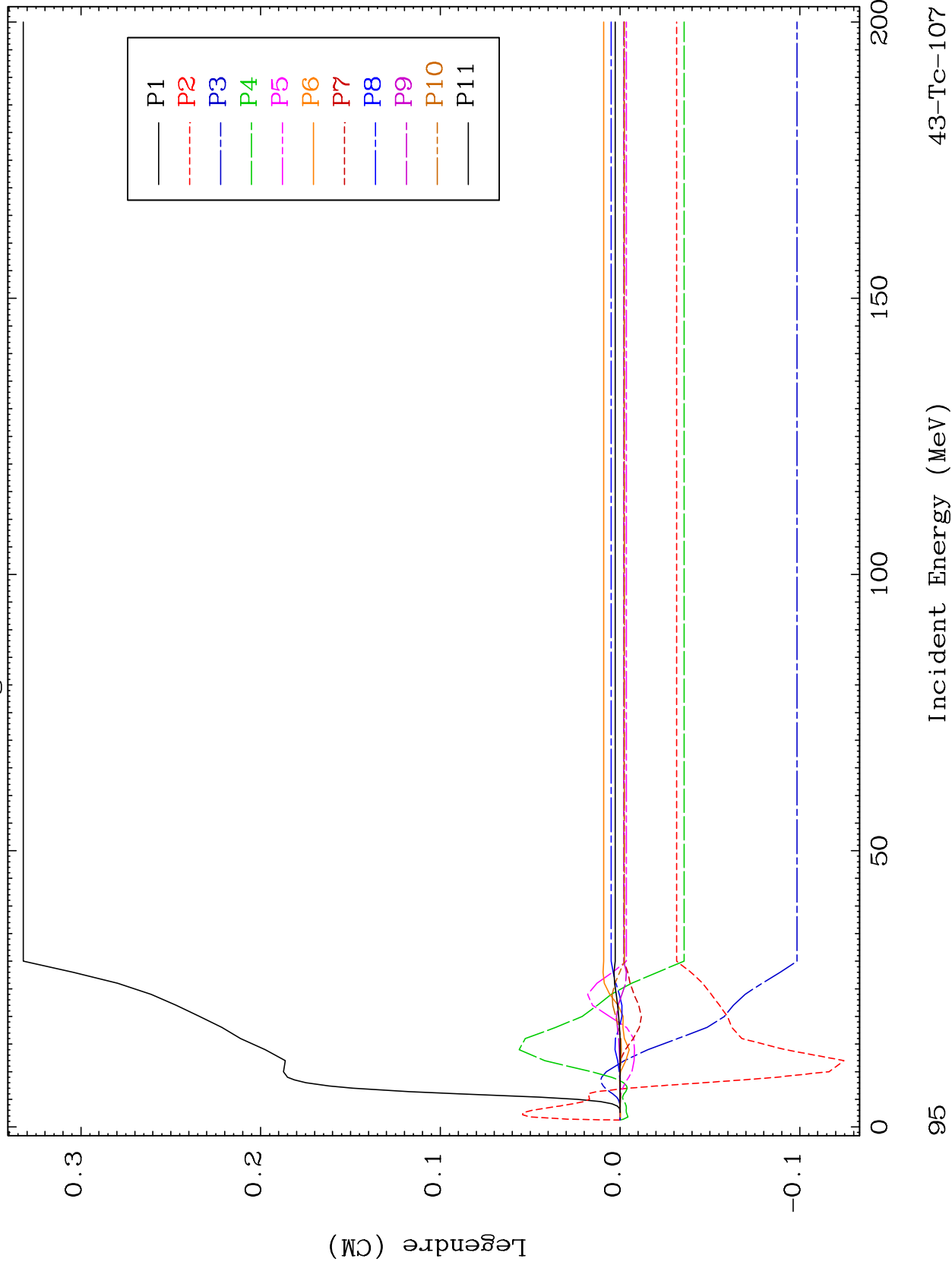
43-Tc-107



MAT 4349

1.229 MeV (n,n') Level
Legendre Coefficients

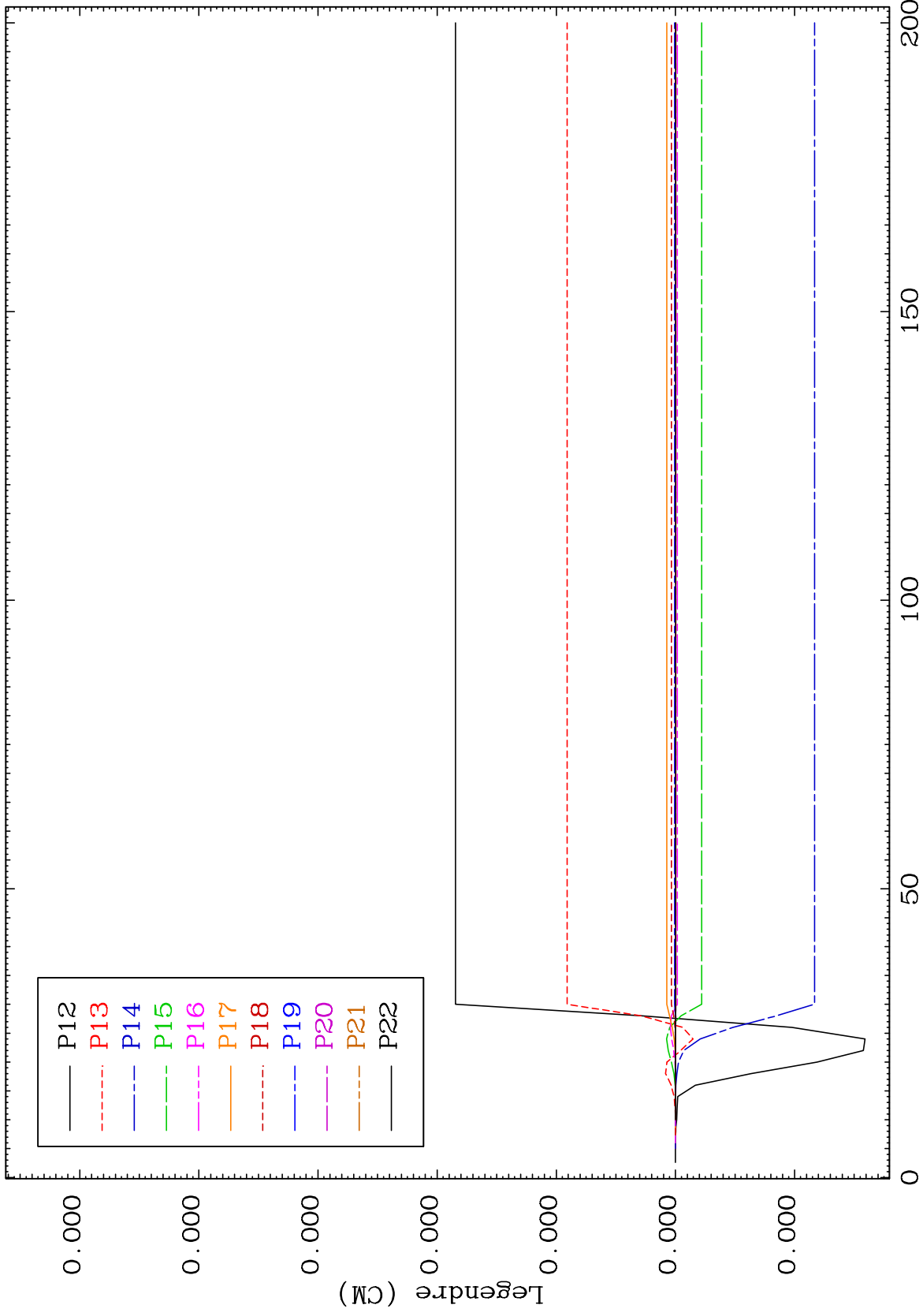
43-Tc-107

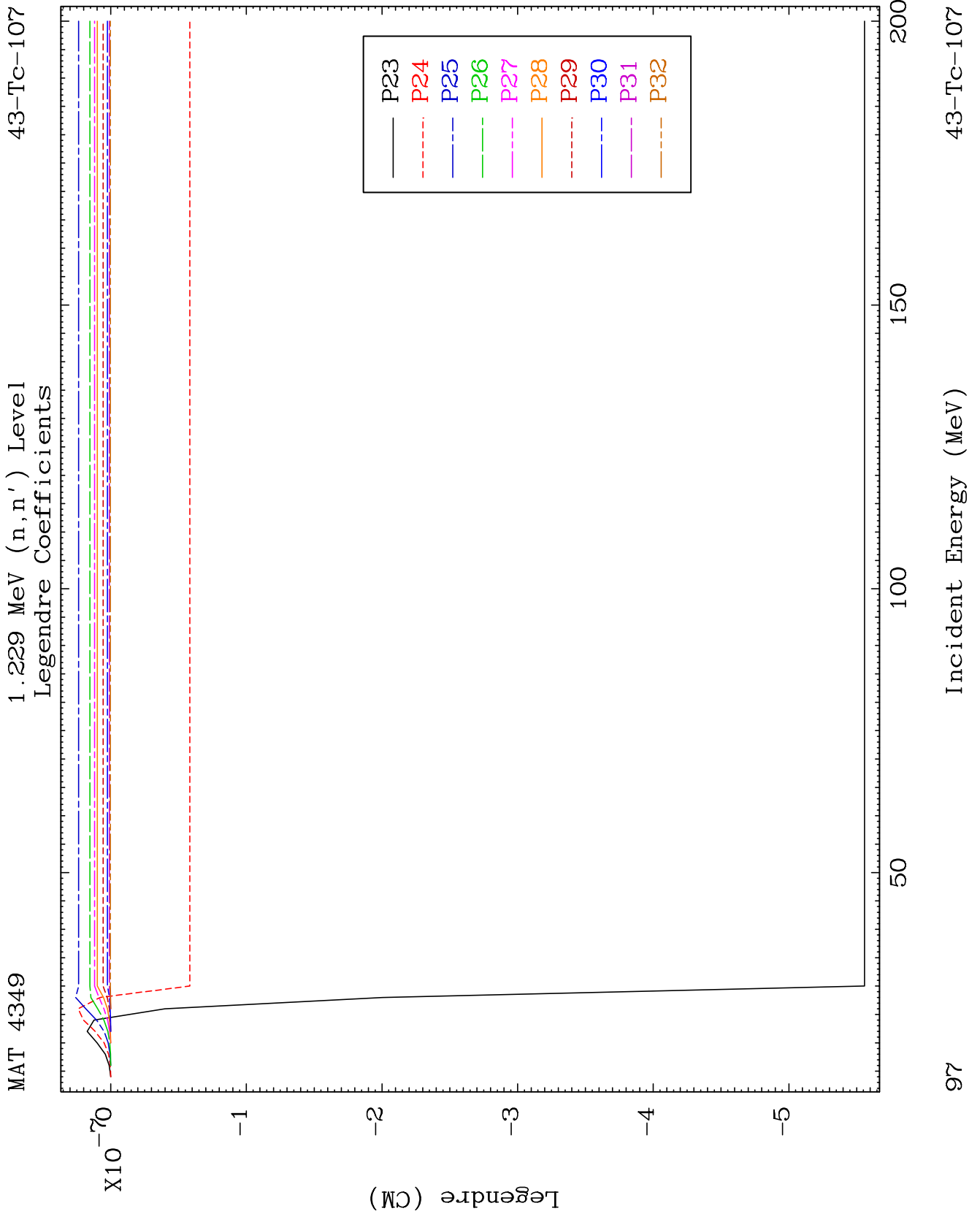


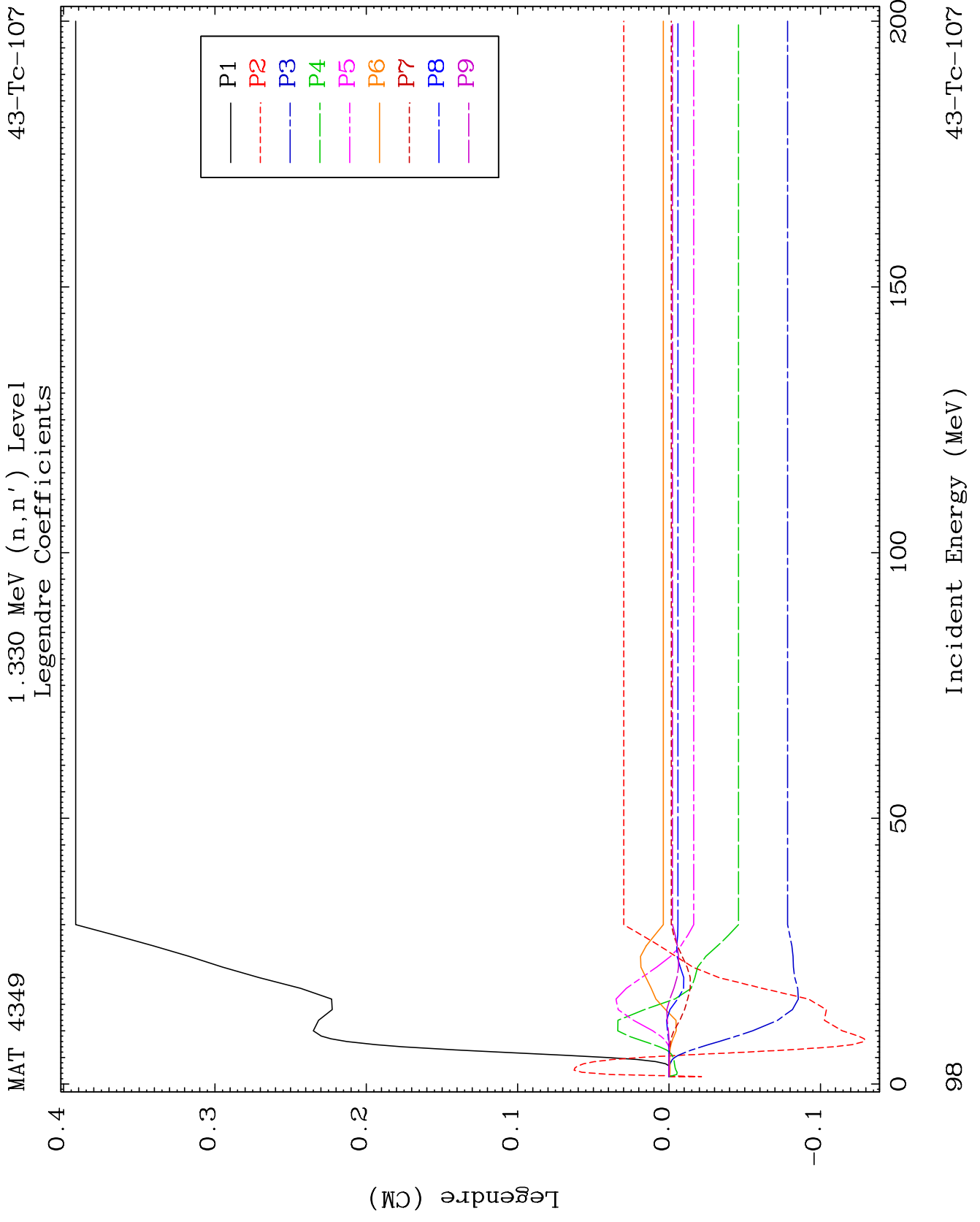
43-Tc-107

Incident Energy (MeV)

95



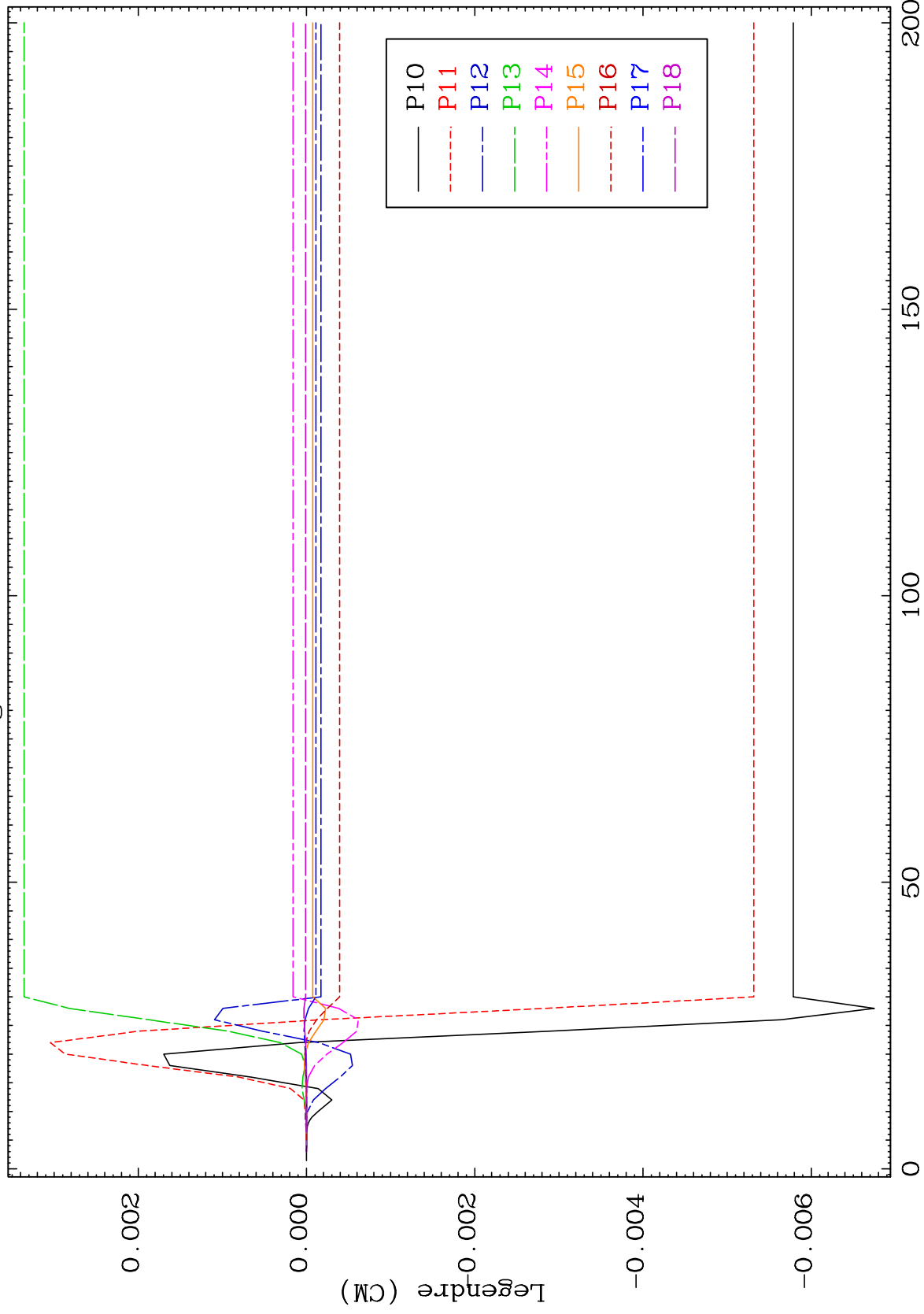




MAT 4349

1.330 MeV (n,n') Level
Legendre Coefficients

43-Tc-107



99

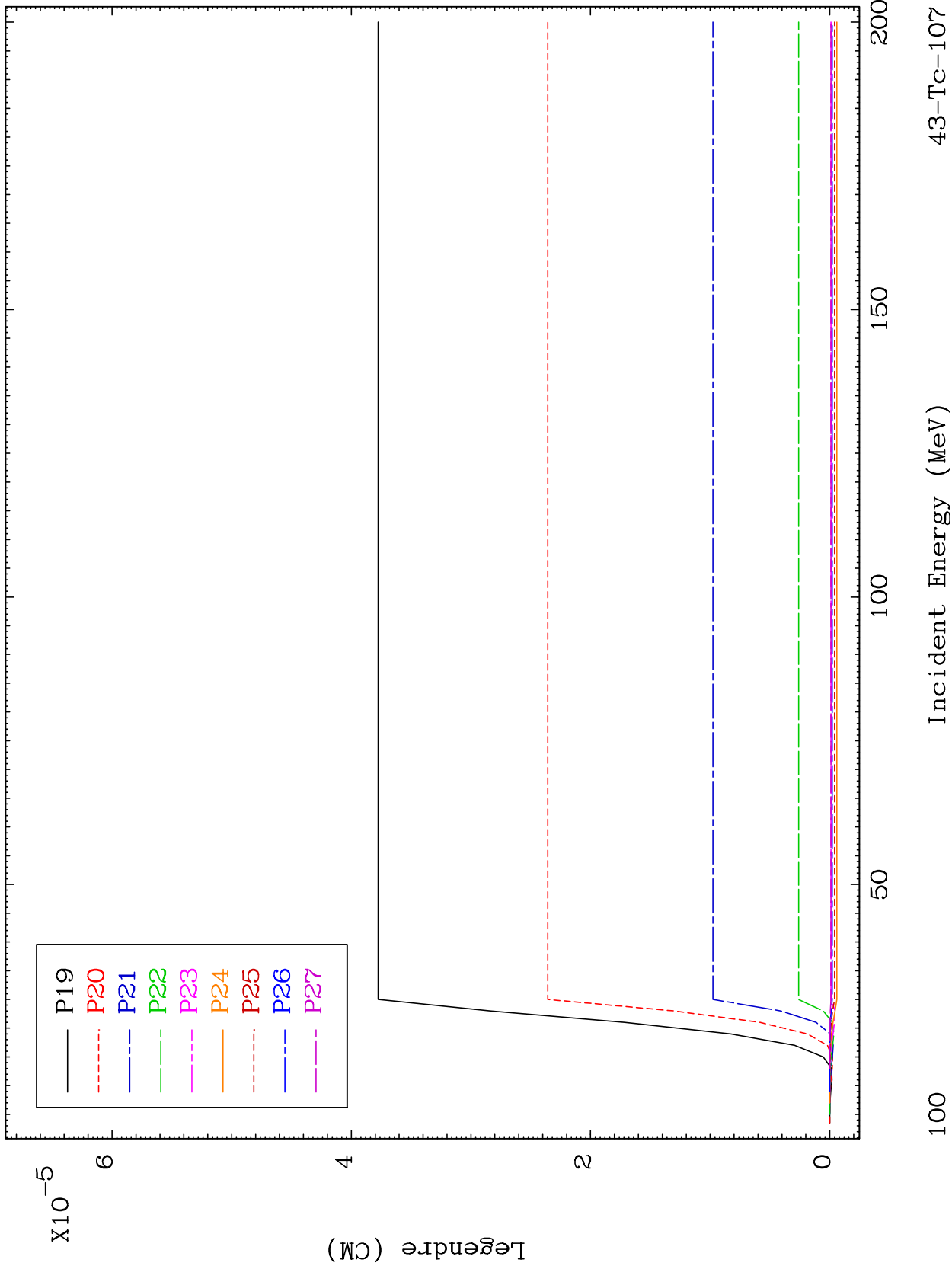
Incident Energy (MeV)

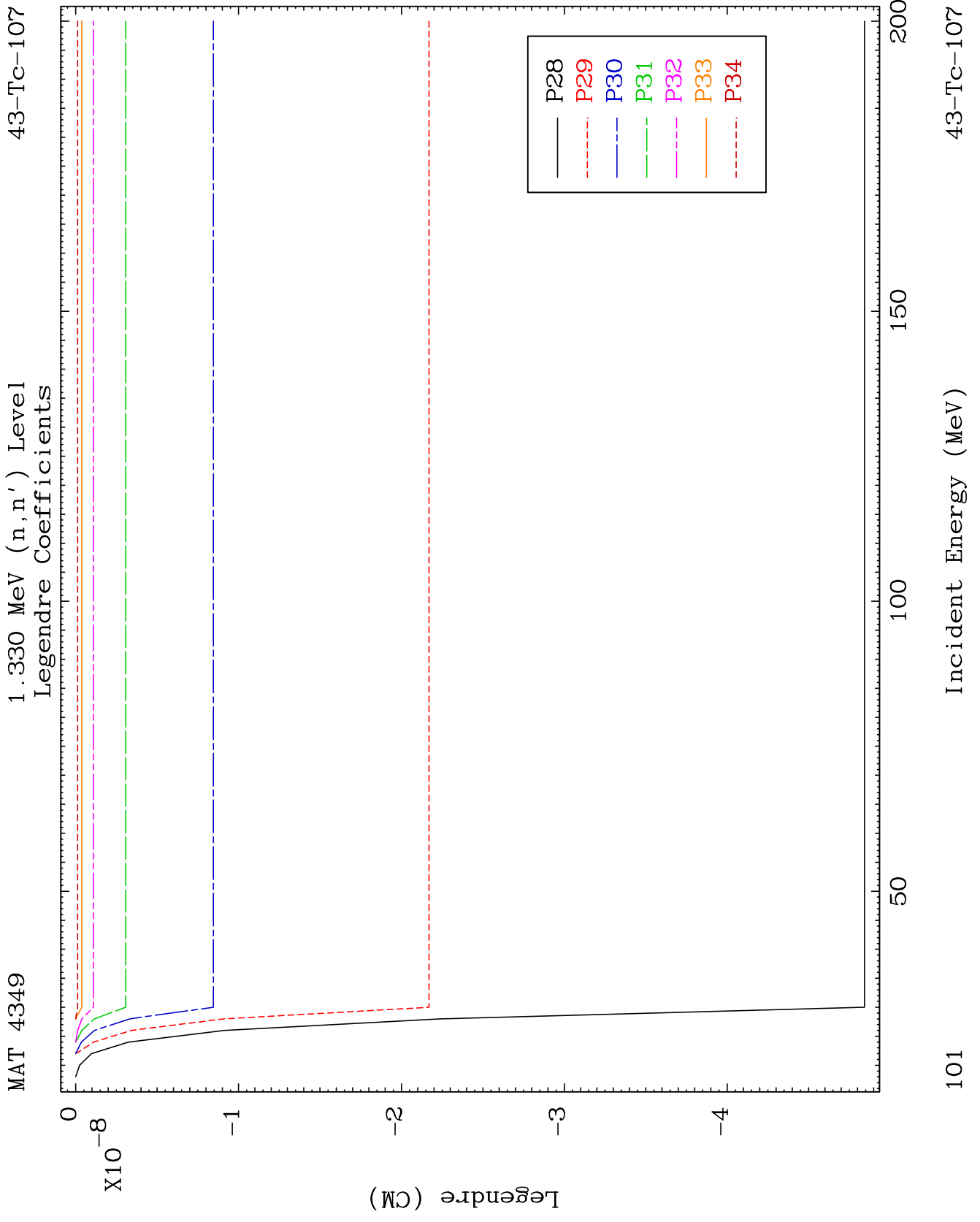
43-Tc-107

MAT 4349

1.330 MeV (n,n') Level
Legendre Coefficients

43-Tc-107

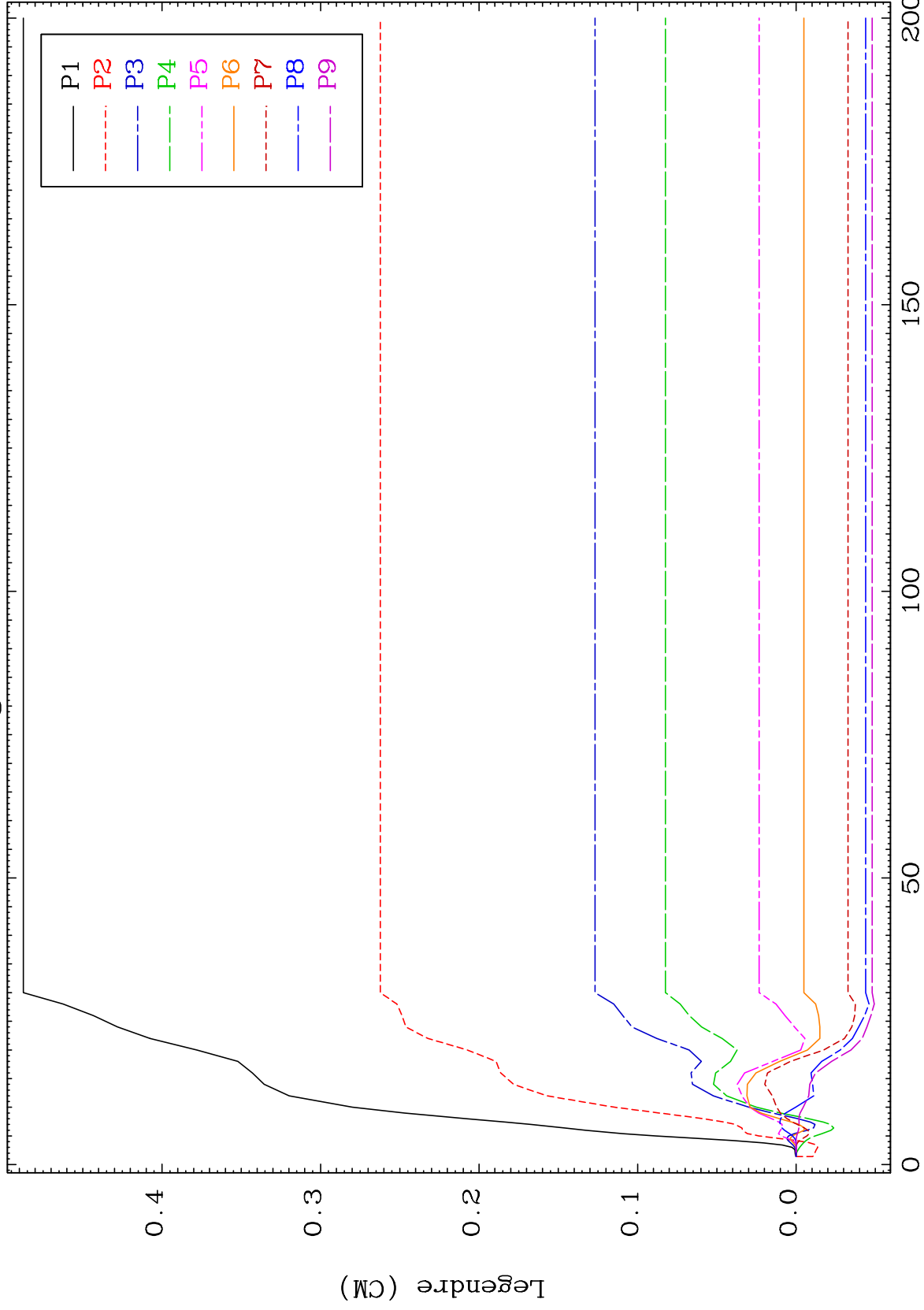




MAT 4349

1.375 MeV (n,n') Level
Legendre Coefficients

43-Tc-107



43-Tc-107

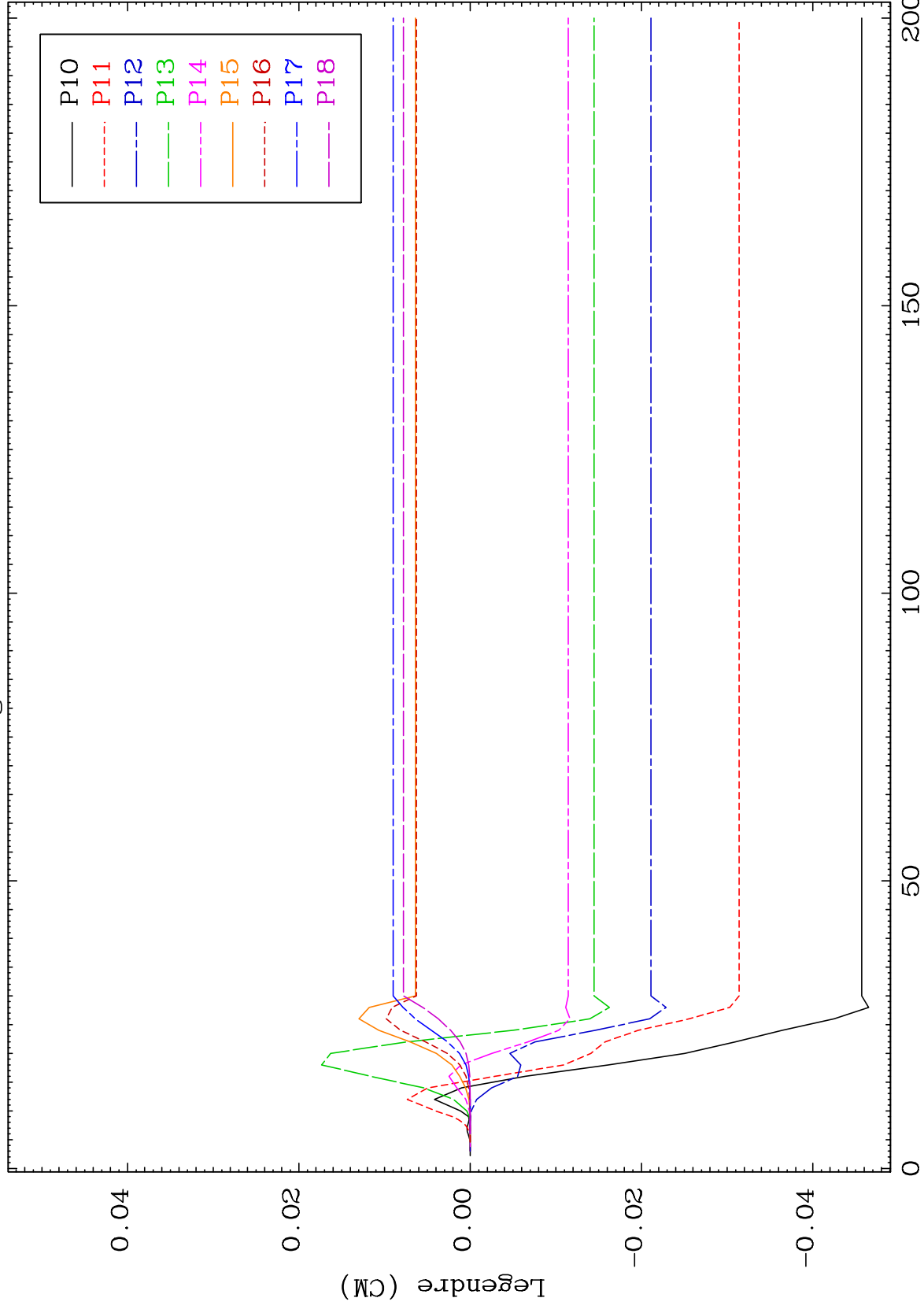
Incident Energy (MeV)

102

MAT 4349

1.375 MeV (n,n') Level
Legendre Coefficients

43-Tc-107



103

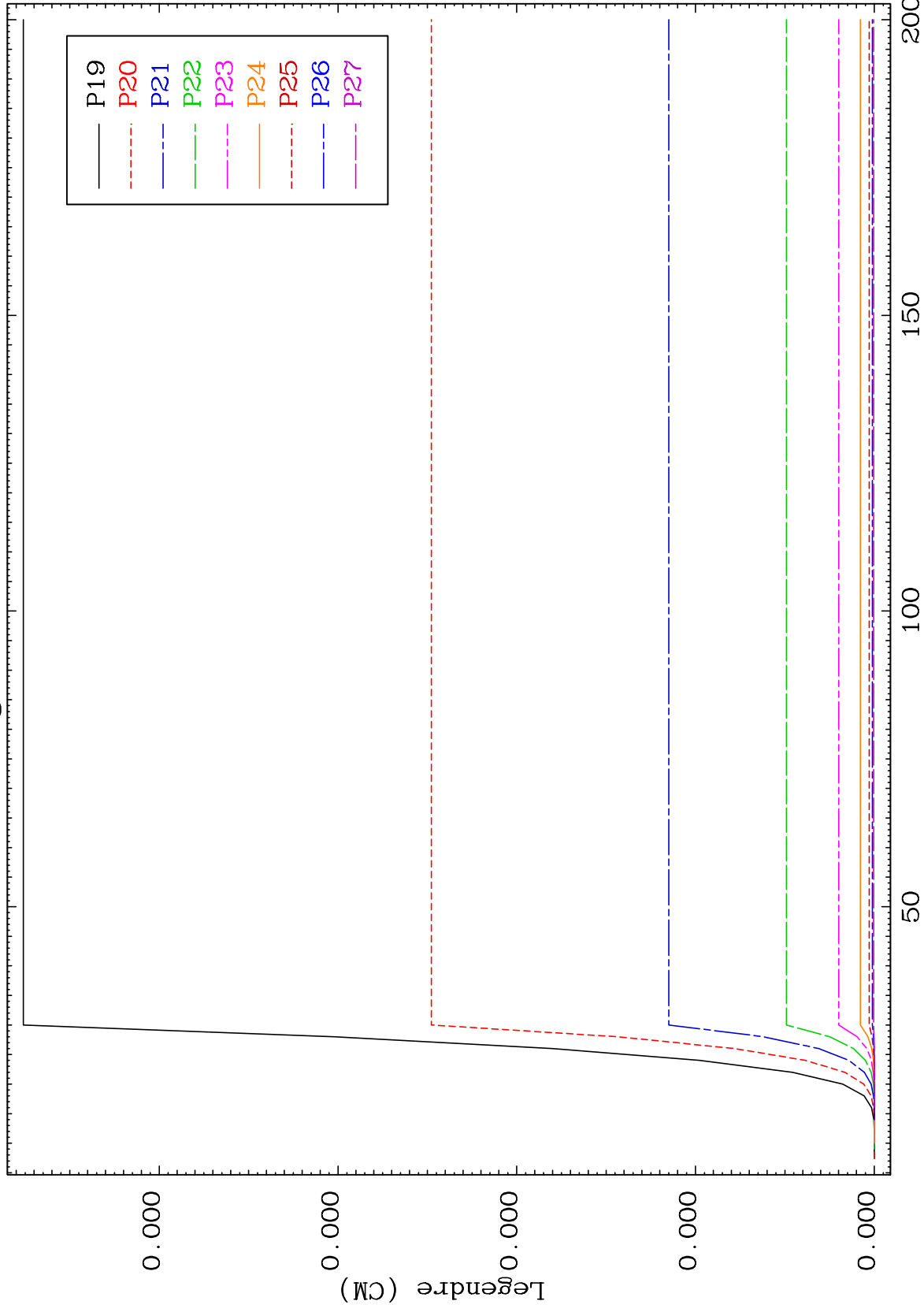
Incident Energy (MeV)

43-Tc-107

MAT 4349

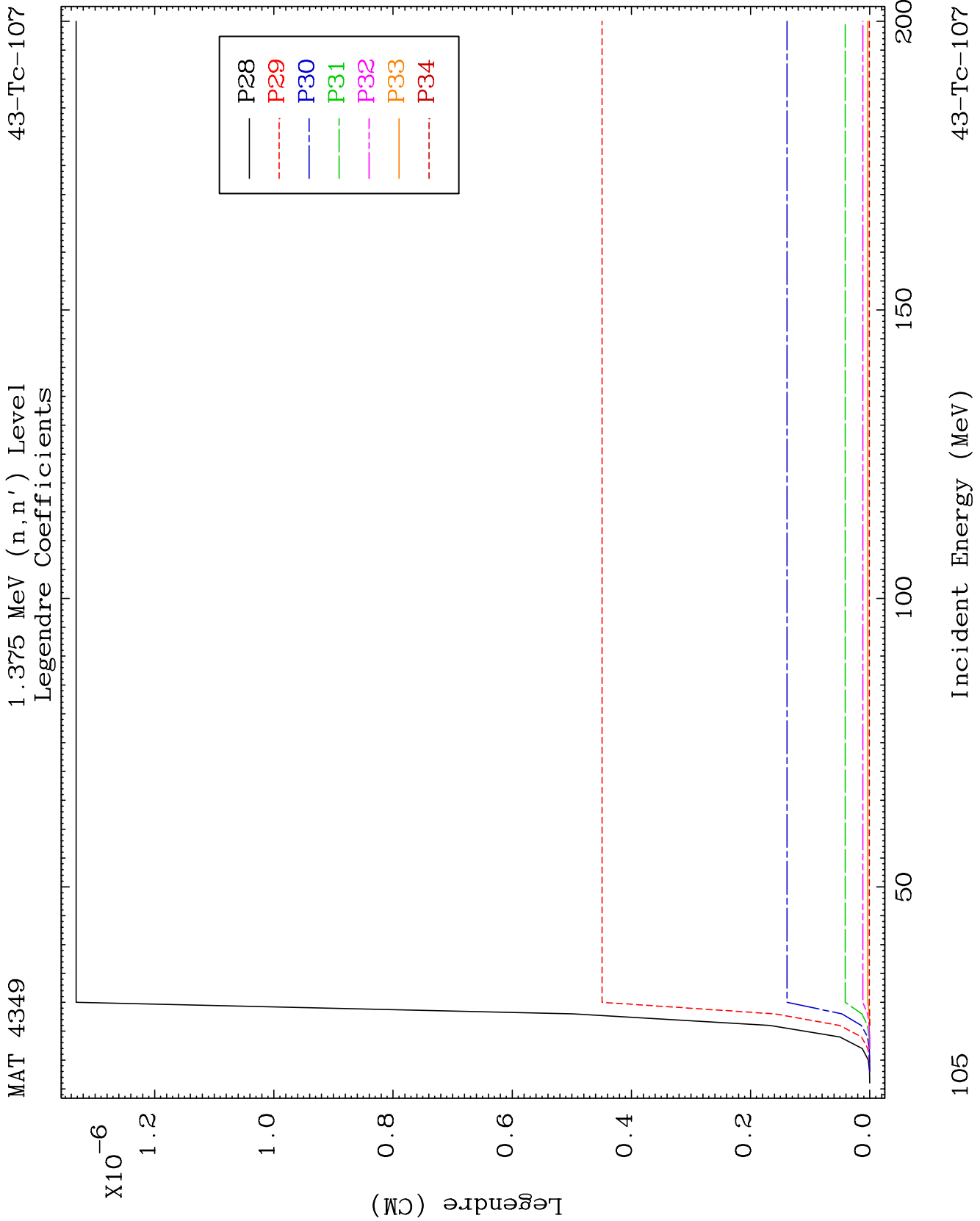
1.375 MeV (n,n') Level
Legendre Coefficients

43-Tc-107



104

43-Tc-107

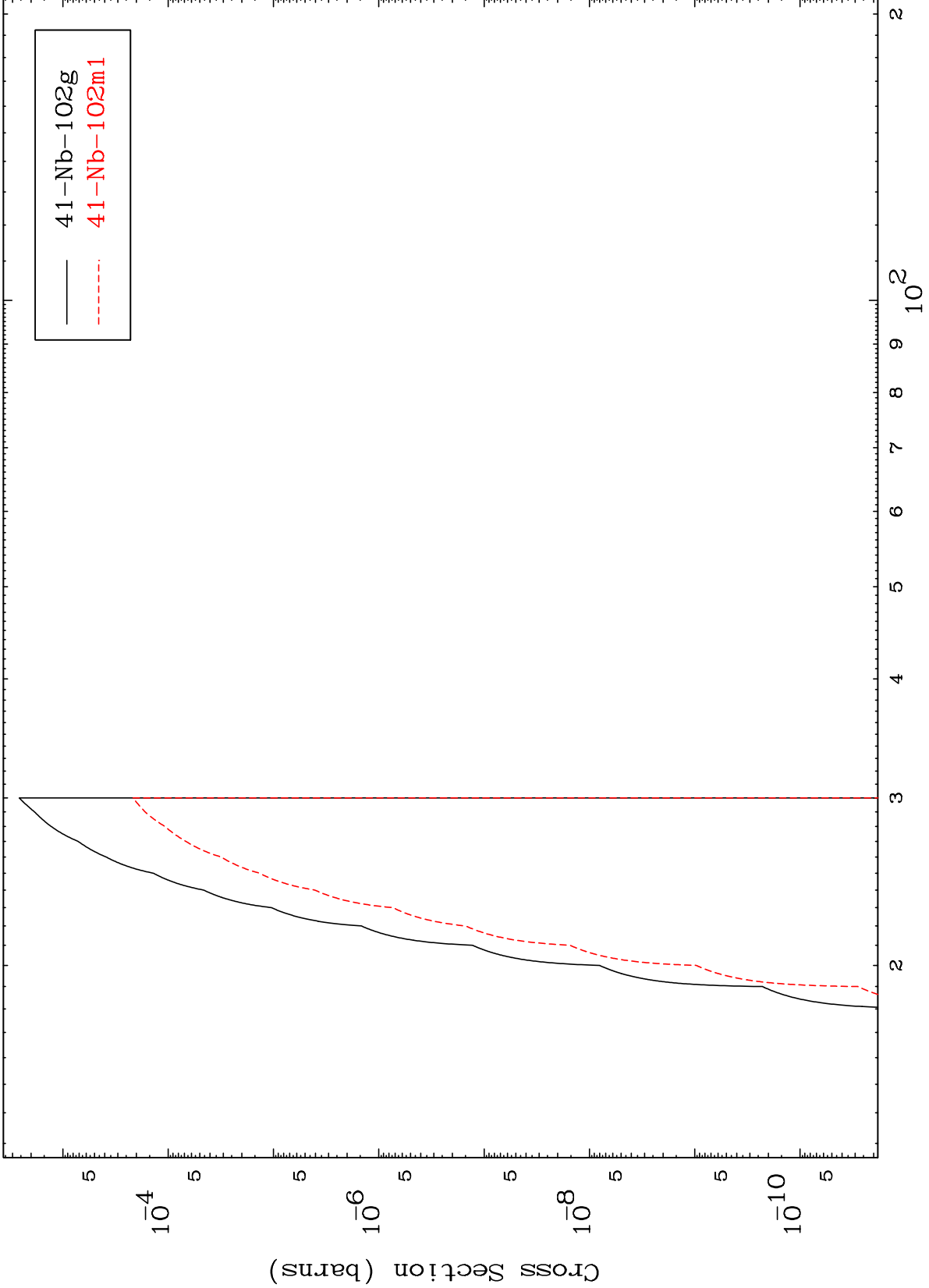


MAT 4349

(n,2n) α

43-Tc-107

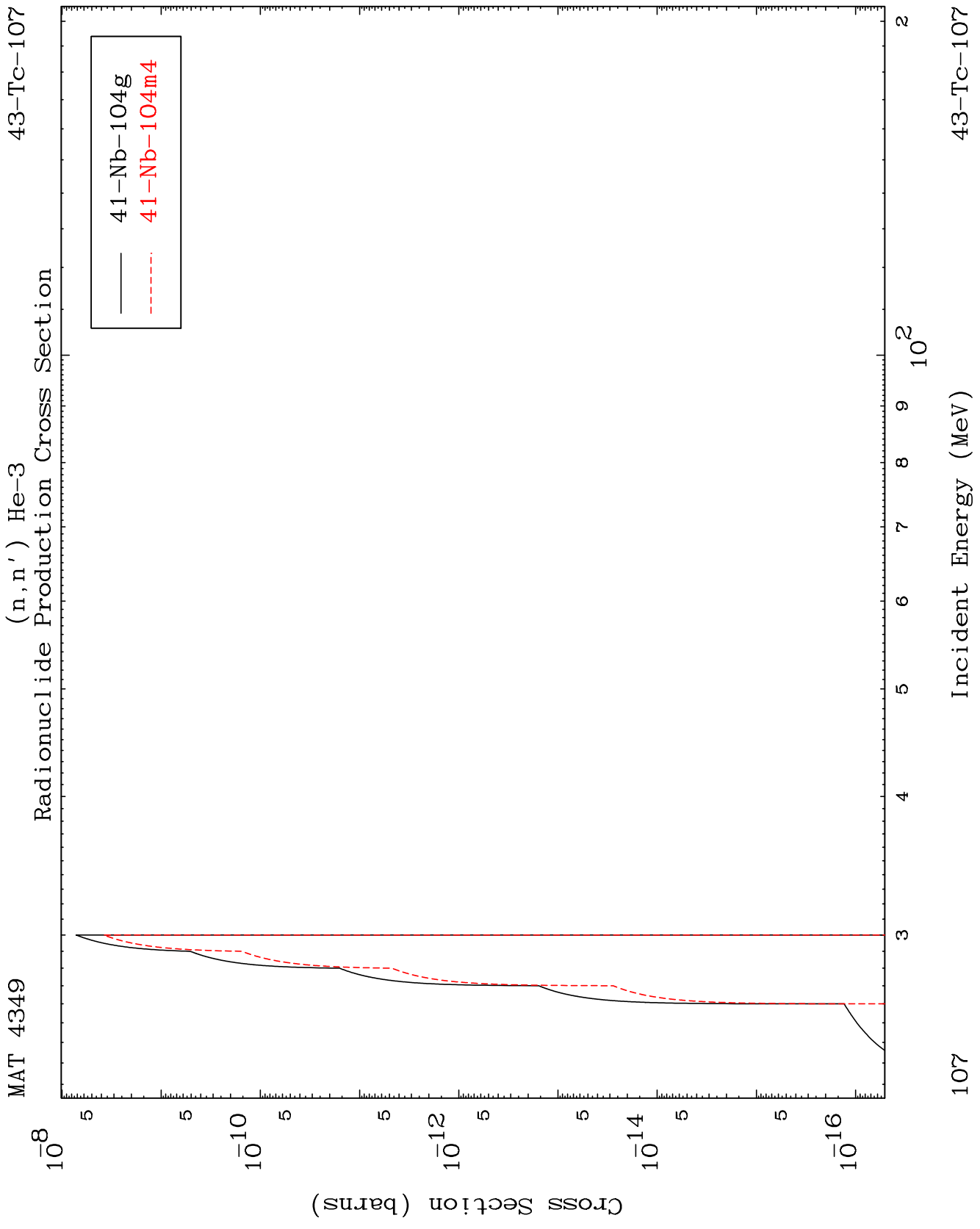
Radionuclide Production Cross Section



106

Incident Energy (MeV)

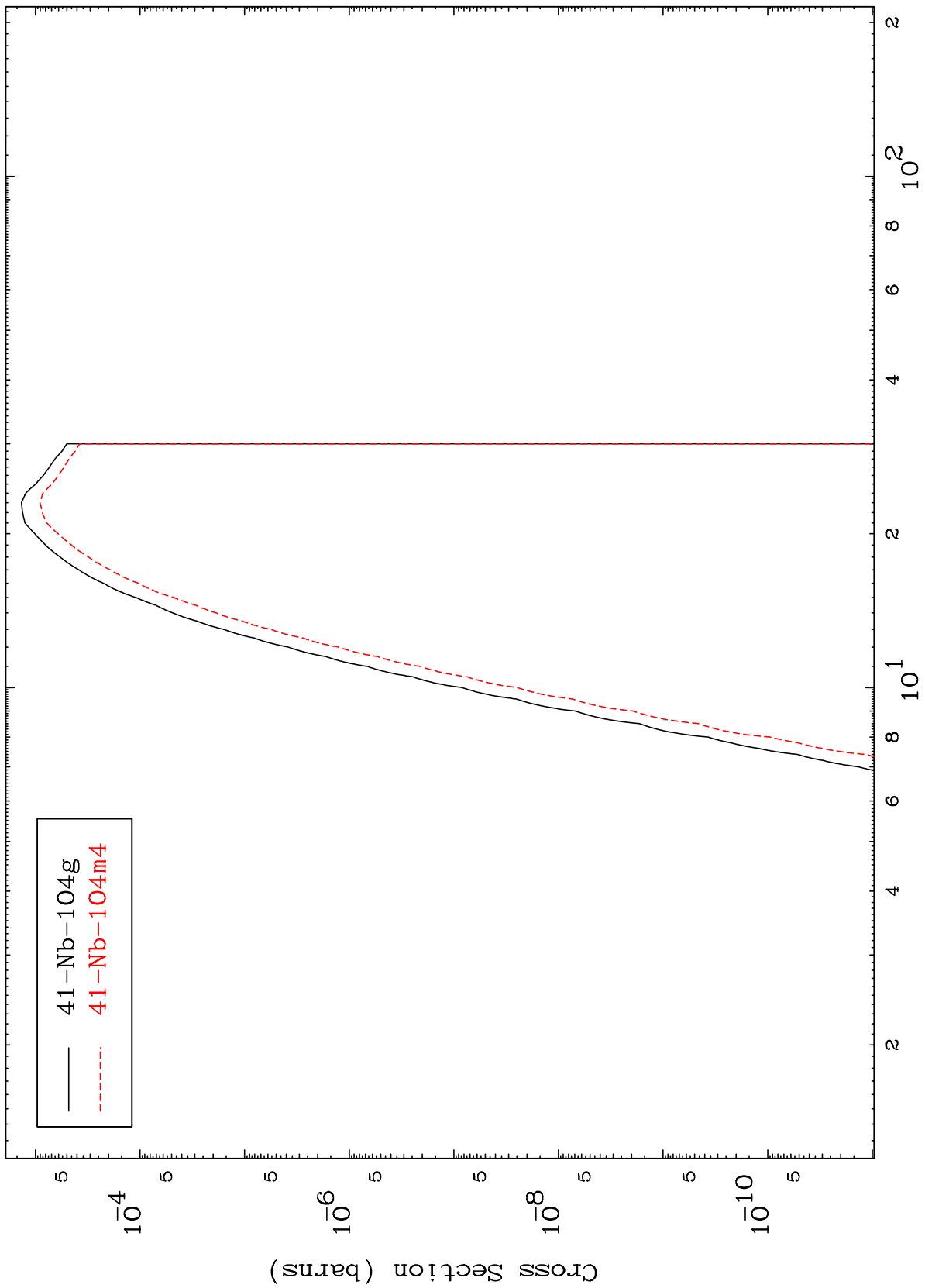
43-Tc-107



MAT 4349

43-Tc-107

(n, α)
Radionuclide Production Cross Section



— 41-Nb-104g
- - - 41-Nb-104m4

108

Incident Energy (MeV)

43-Tc-107