

Program EVALPLOT
(Version 2015-2)

by

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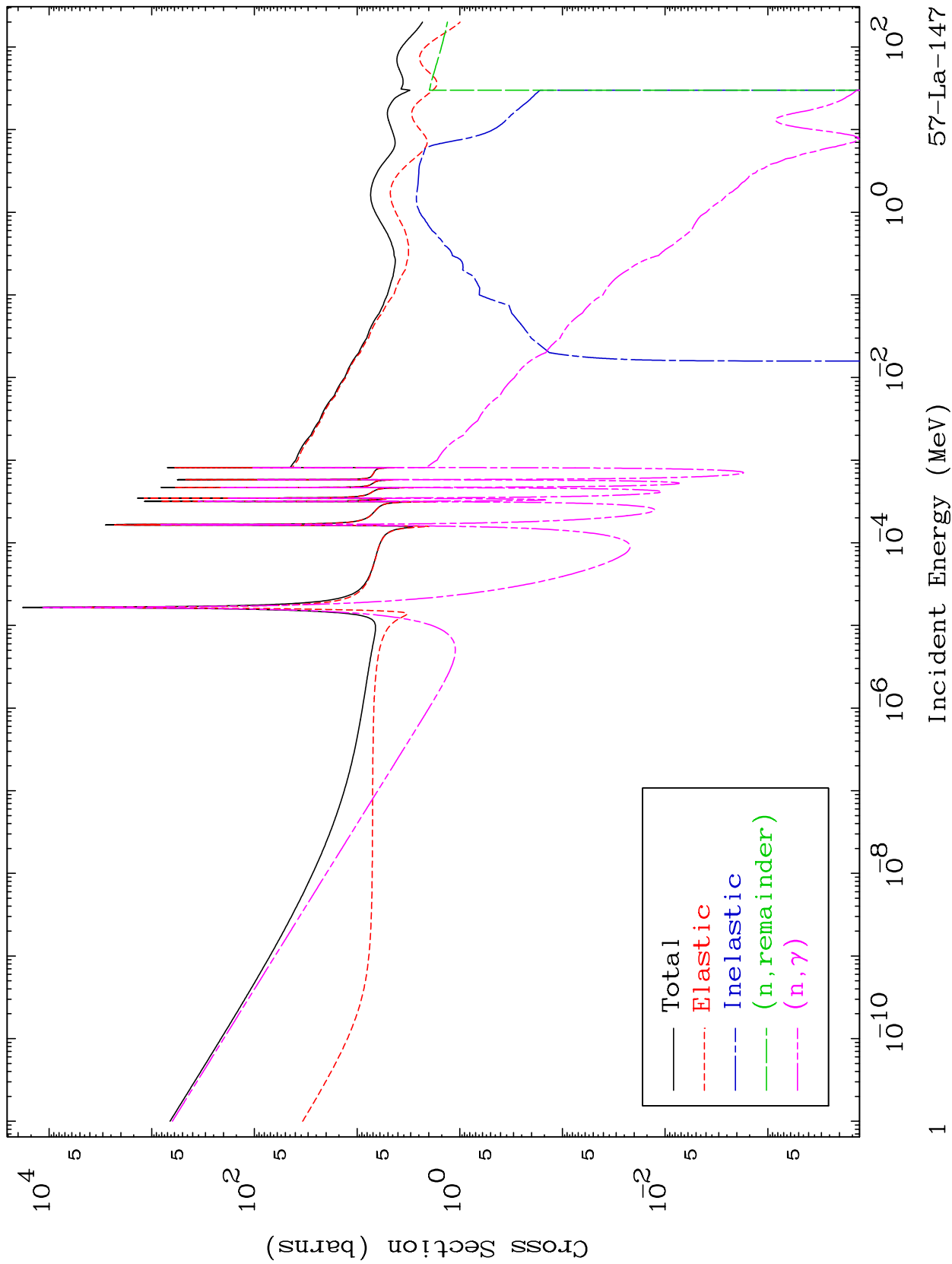
Press Mouse Button to Start

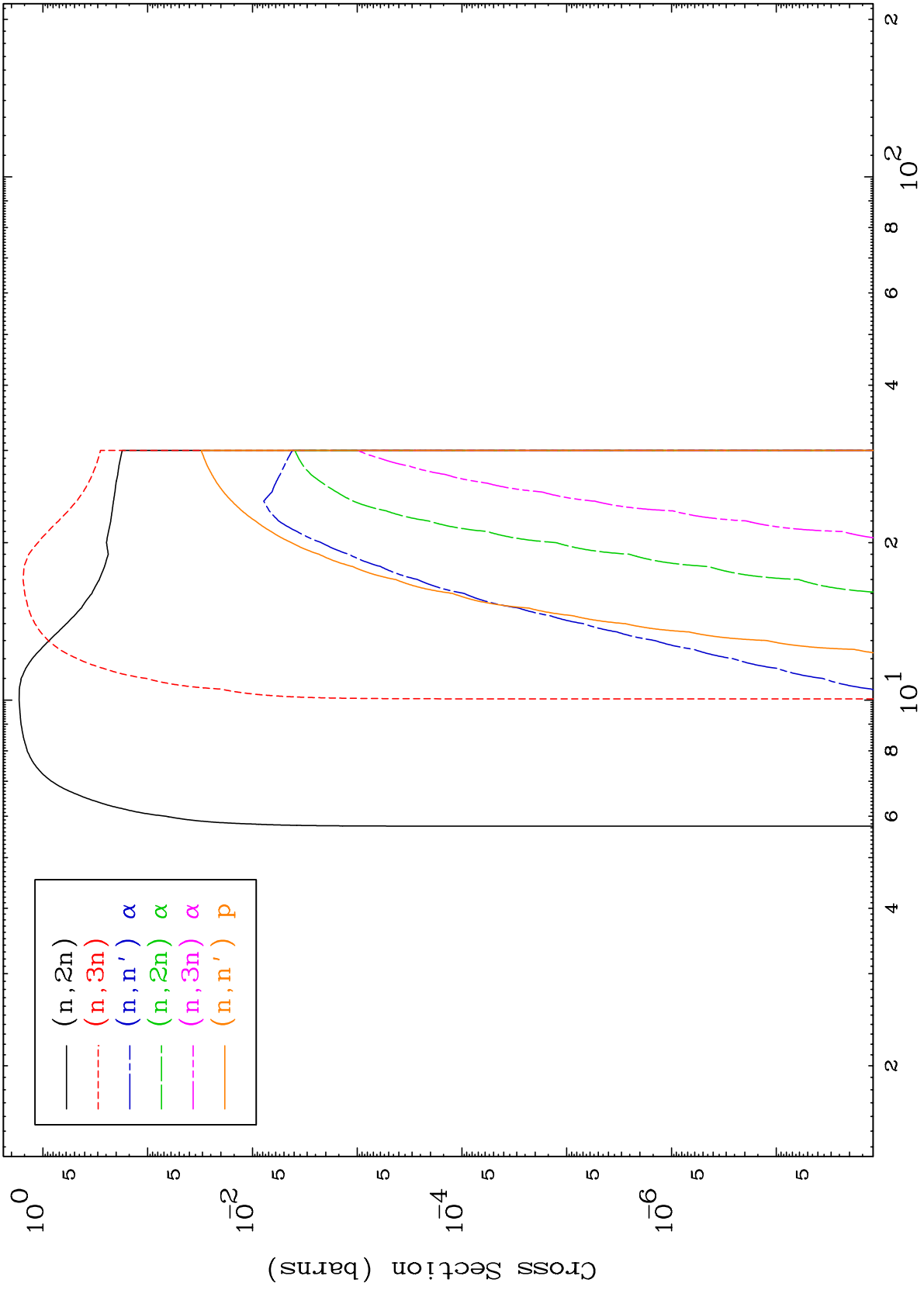
MAT 5752

Major

293 Kelvin Cross Sections

57-La-147

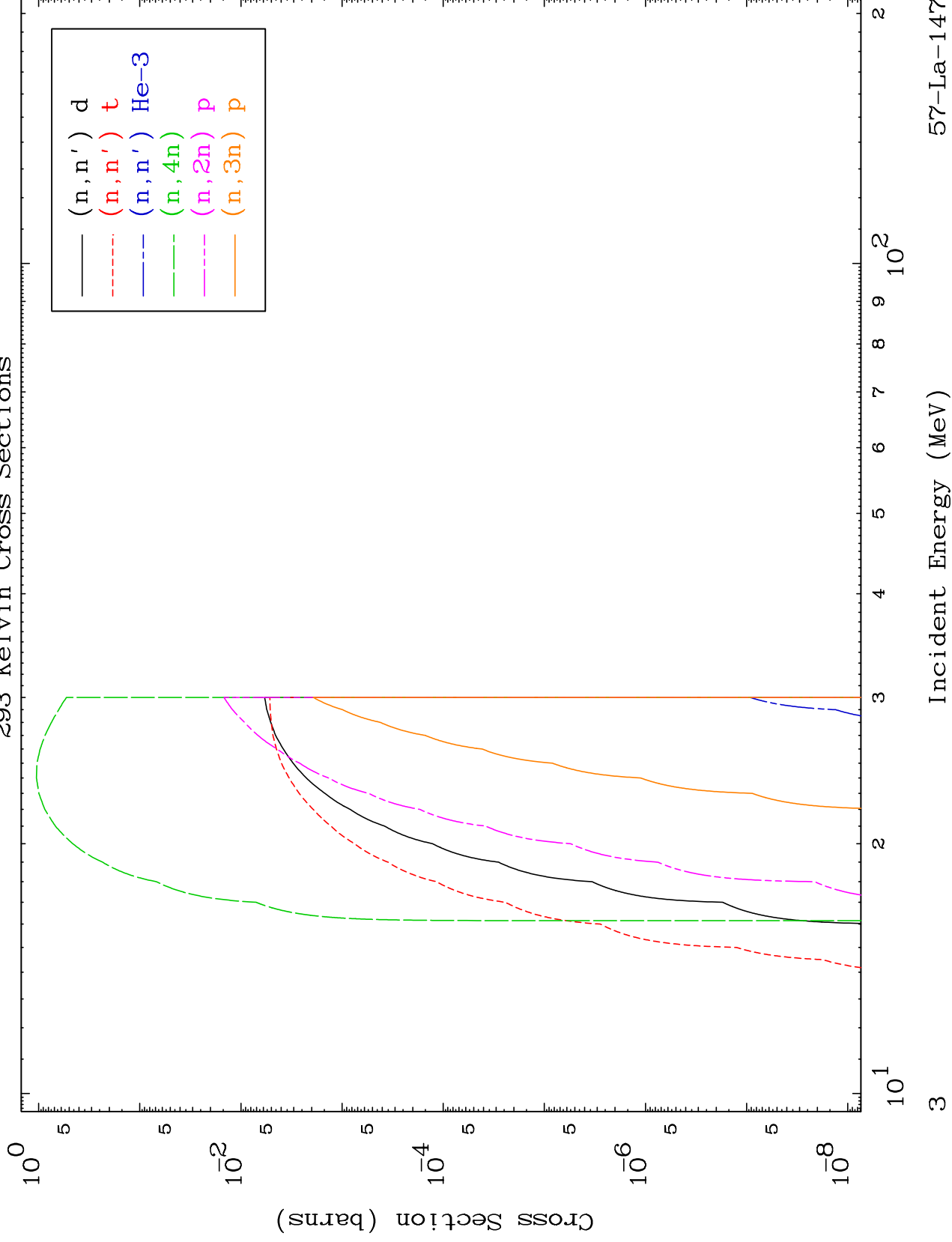




MAT 5752

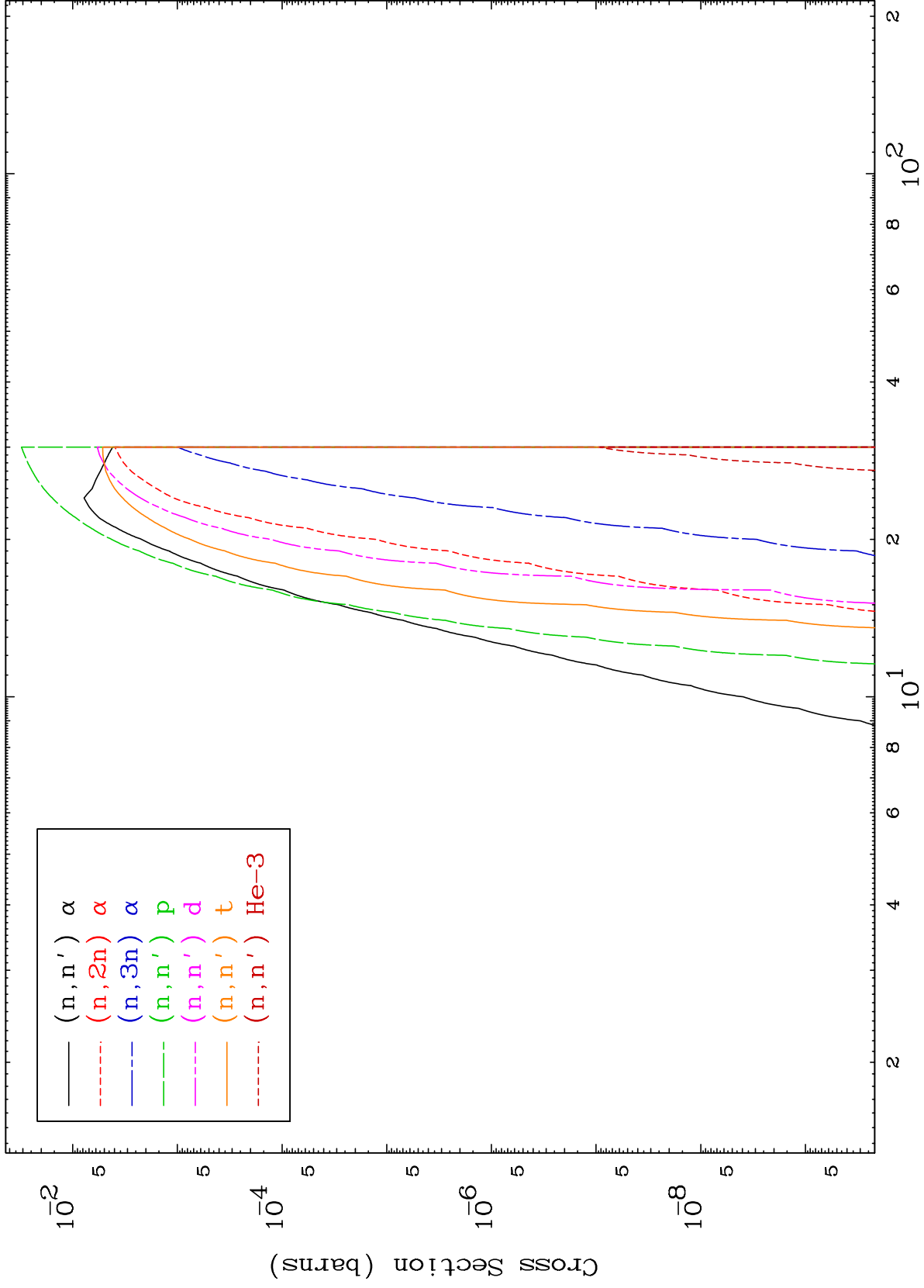
Neutron Production
293 Kelvin Cross Sections

57-La-147



57-La-147

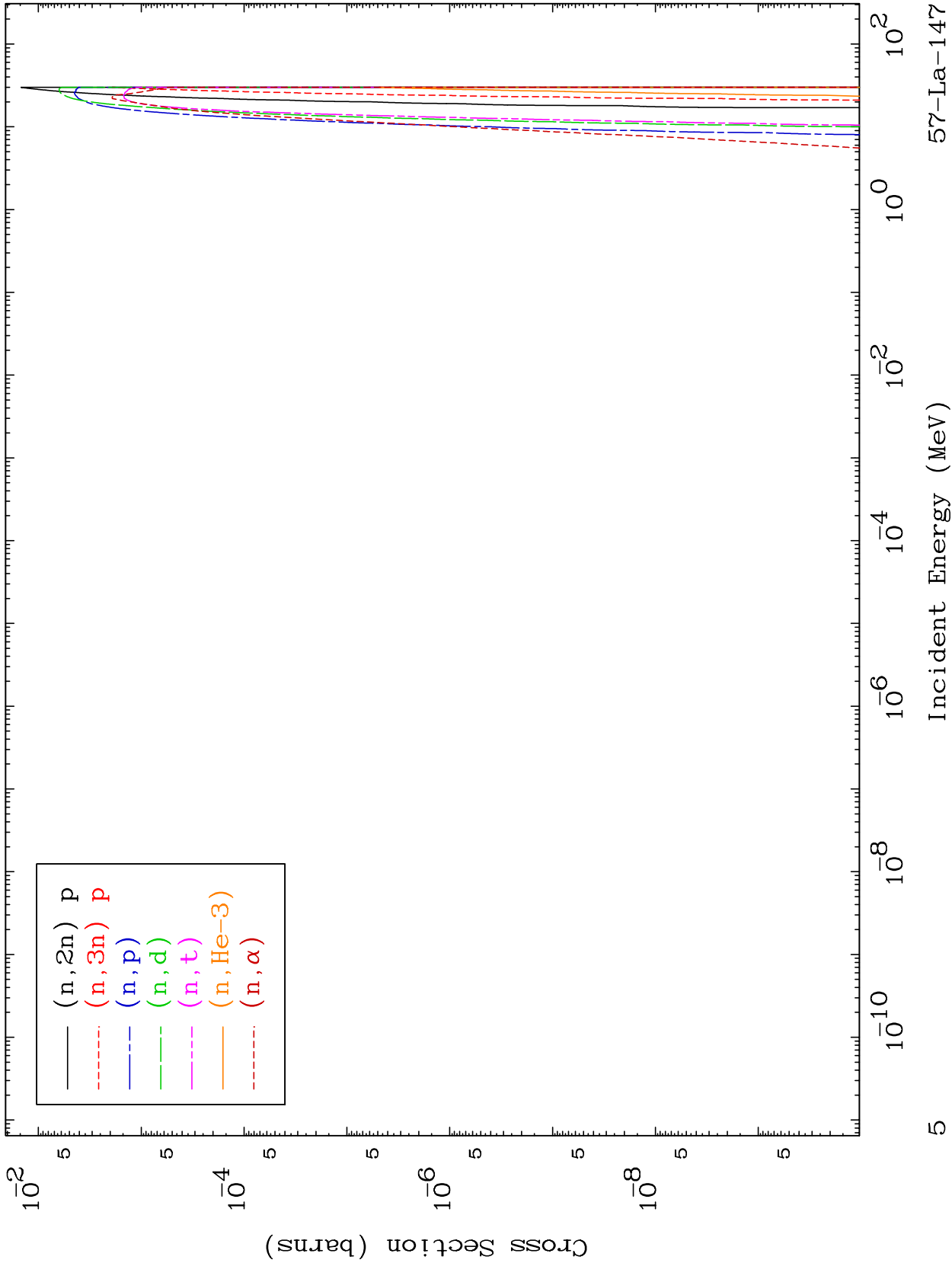
Incident Energy (MeV)



MAT 5752

Charged Particle
293 Kelvin Cross Sections

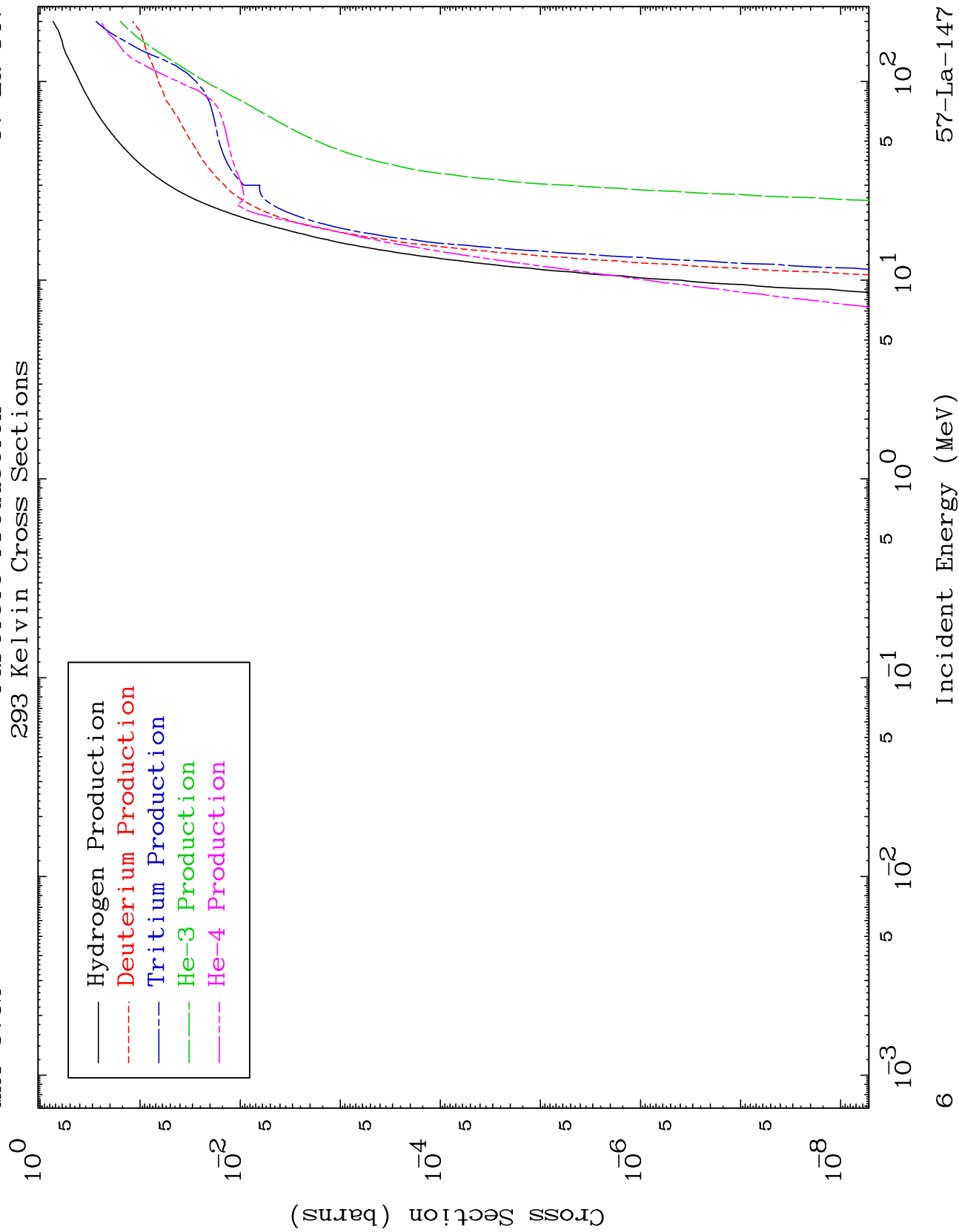
57-La-147



MAT 5752

Particle Production
293 Kelvin Cross Sections

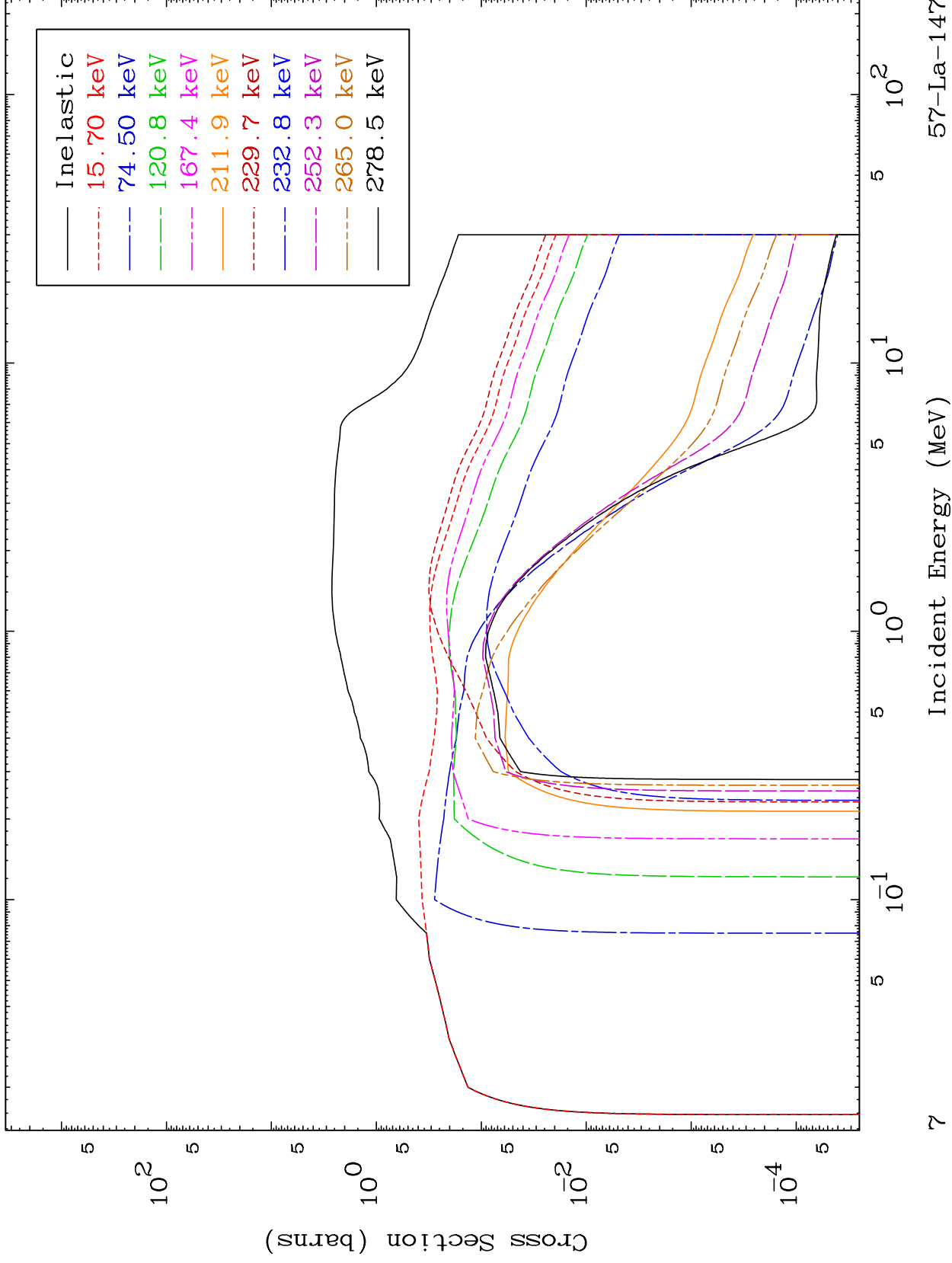
57-La-147



57-La-147

Incident Energy (MeV)

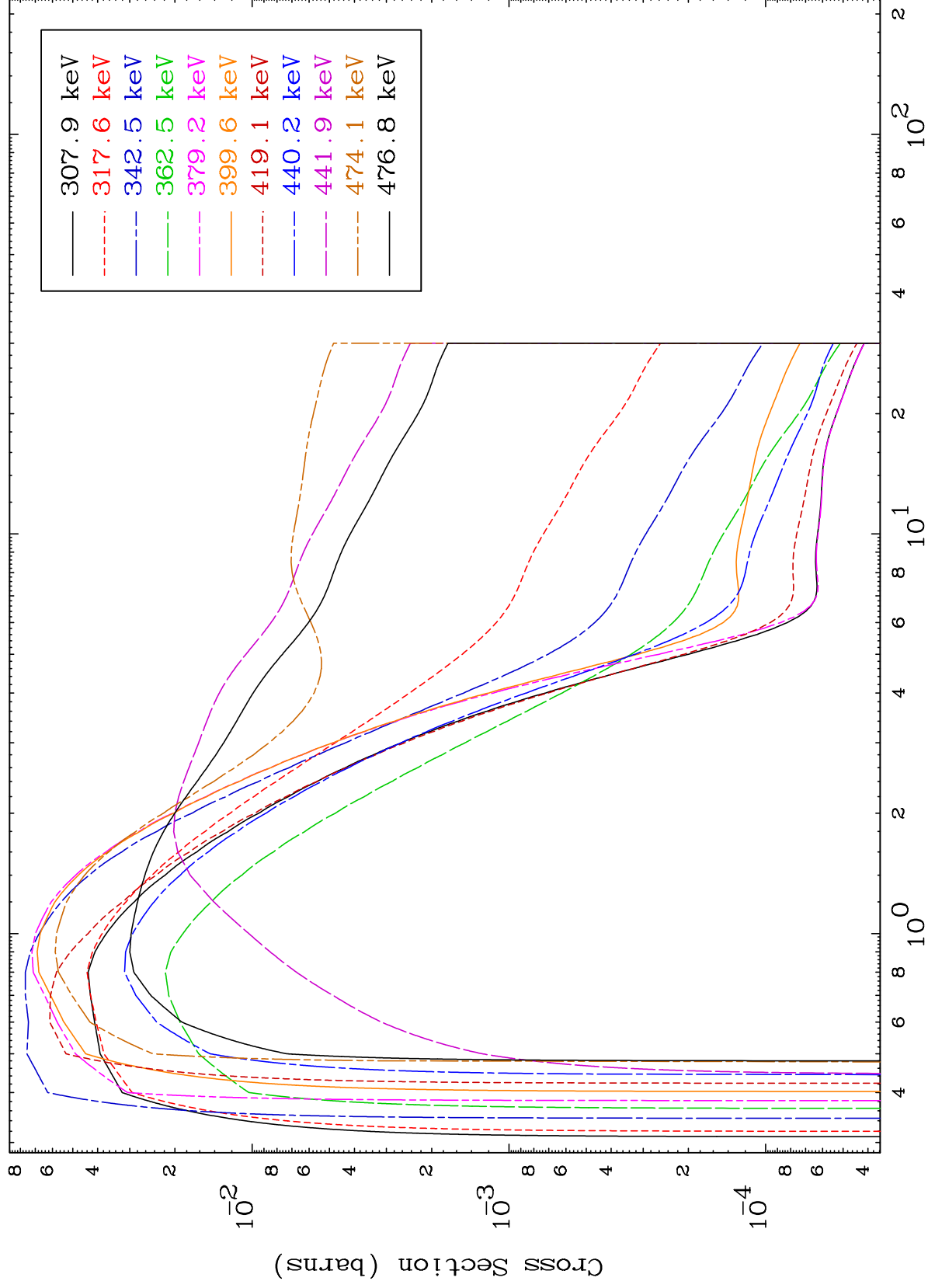
6



MAT 5752

(n,n') Level
293 Kelvin Cross Sections

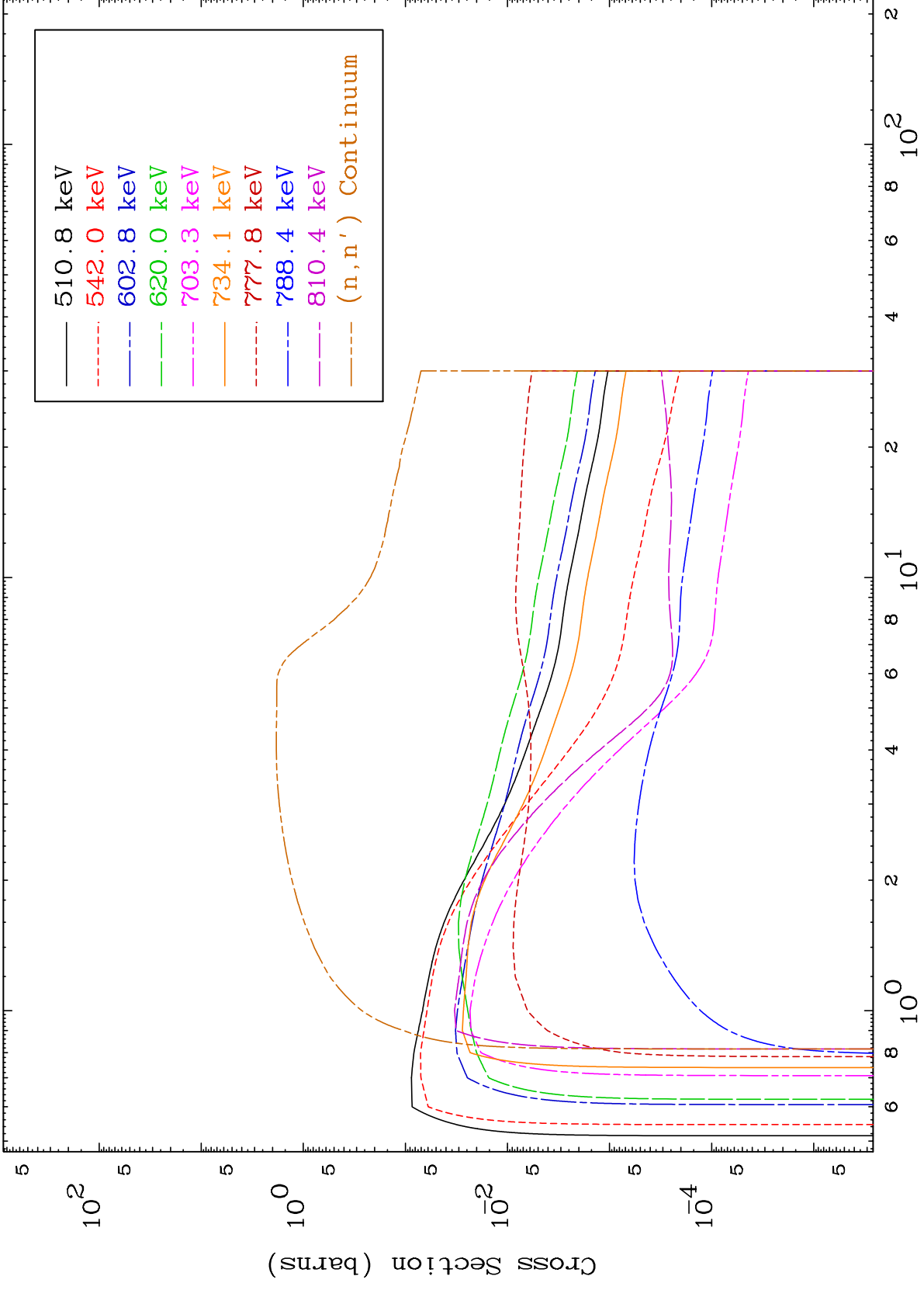
57-La-147



8

Incident Energy (MeV)

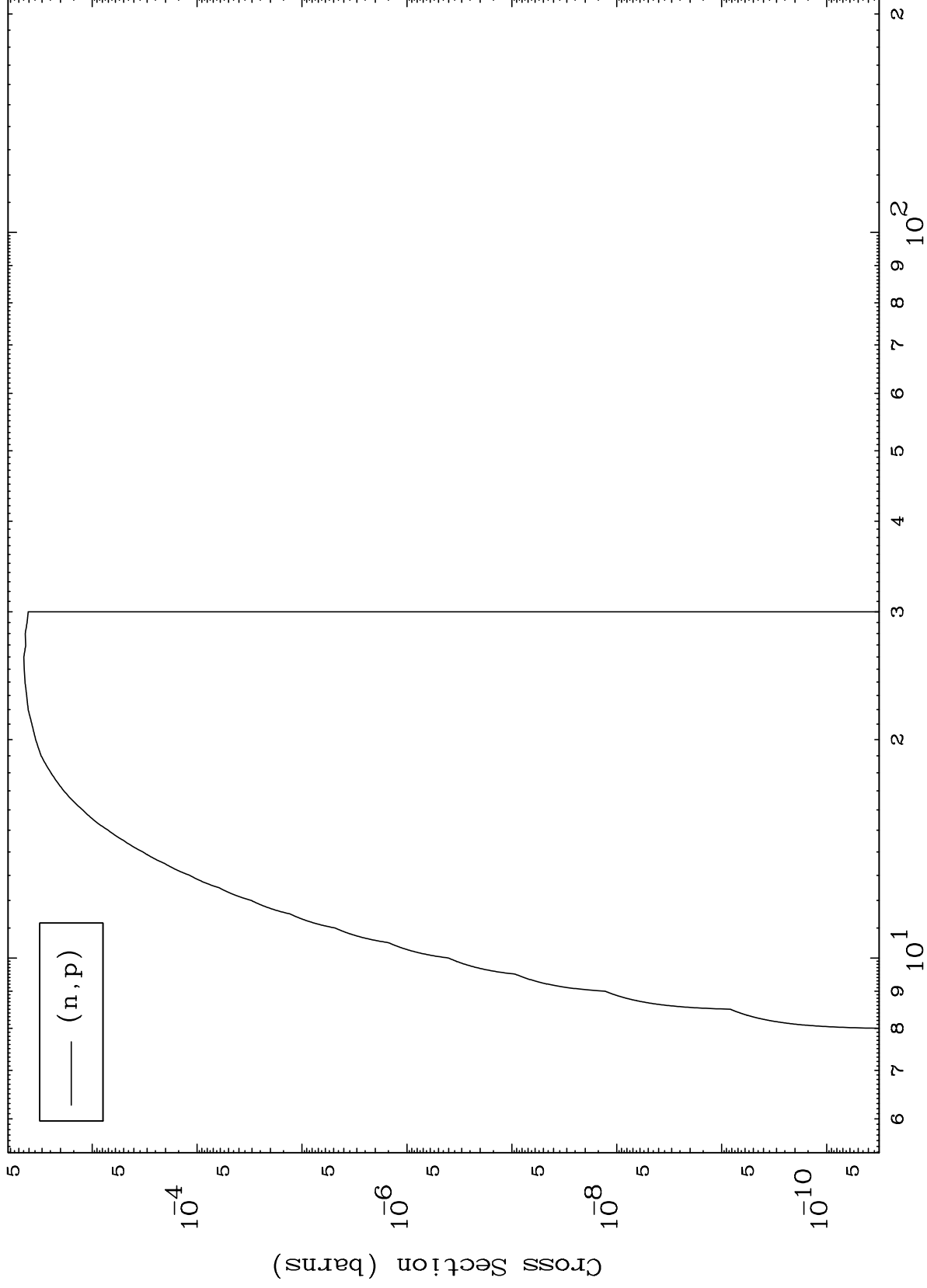
57-La-147



MAT 5752

(n,p) Levels
293 Kelvin Cross Sections

57-La-147



10

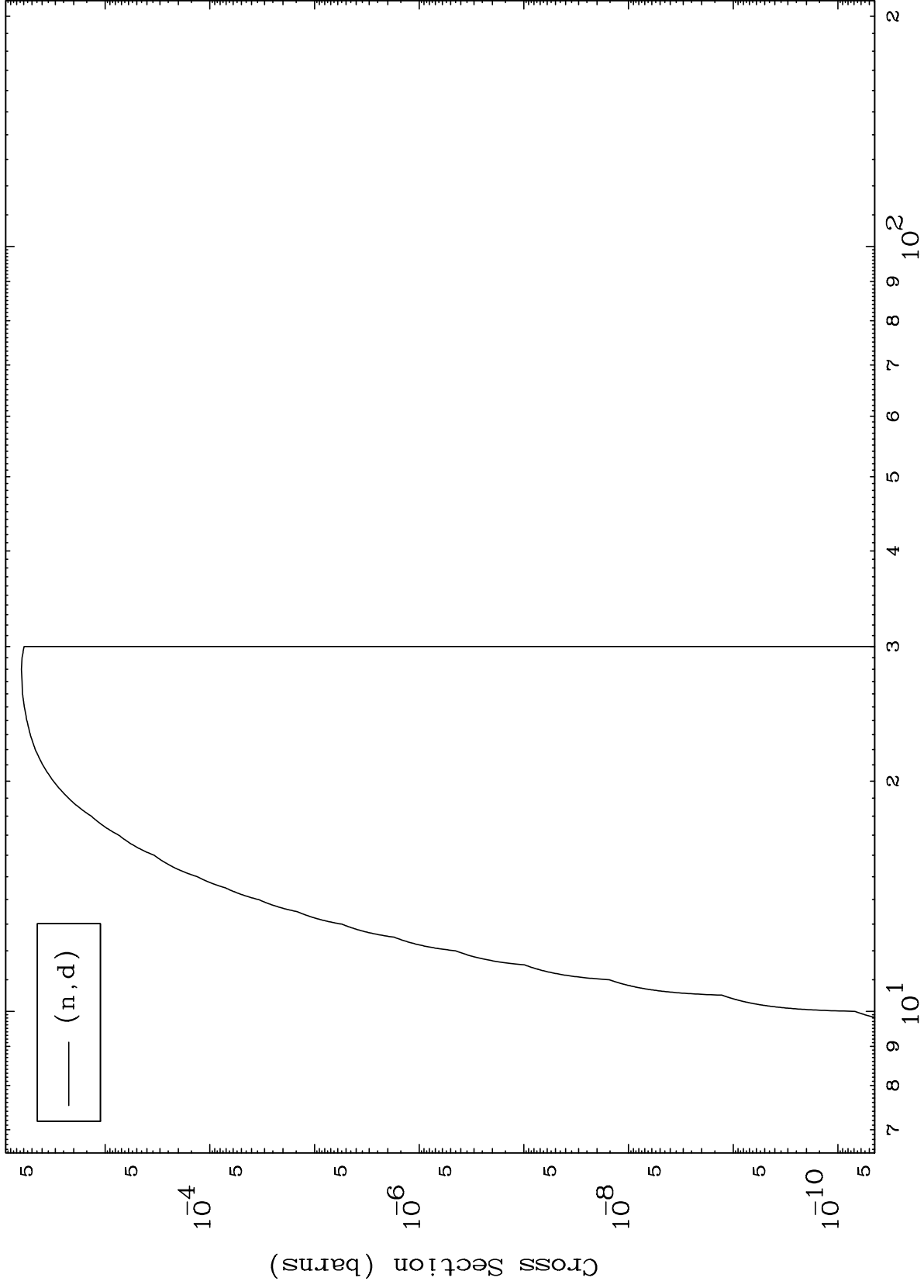
Incident Energy (MeV)

57-La-147

MAT 5752

(n,d) Levels
293 Kelvin Cross Sections

57-La-147



11

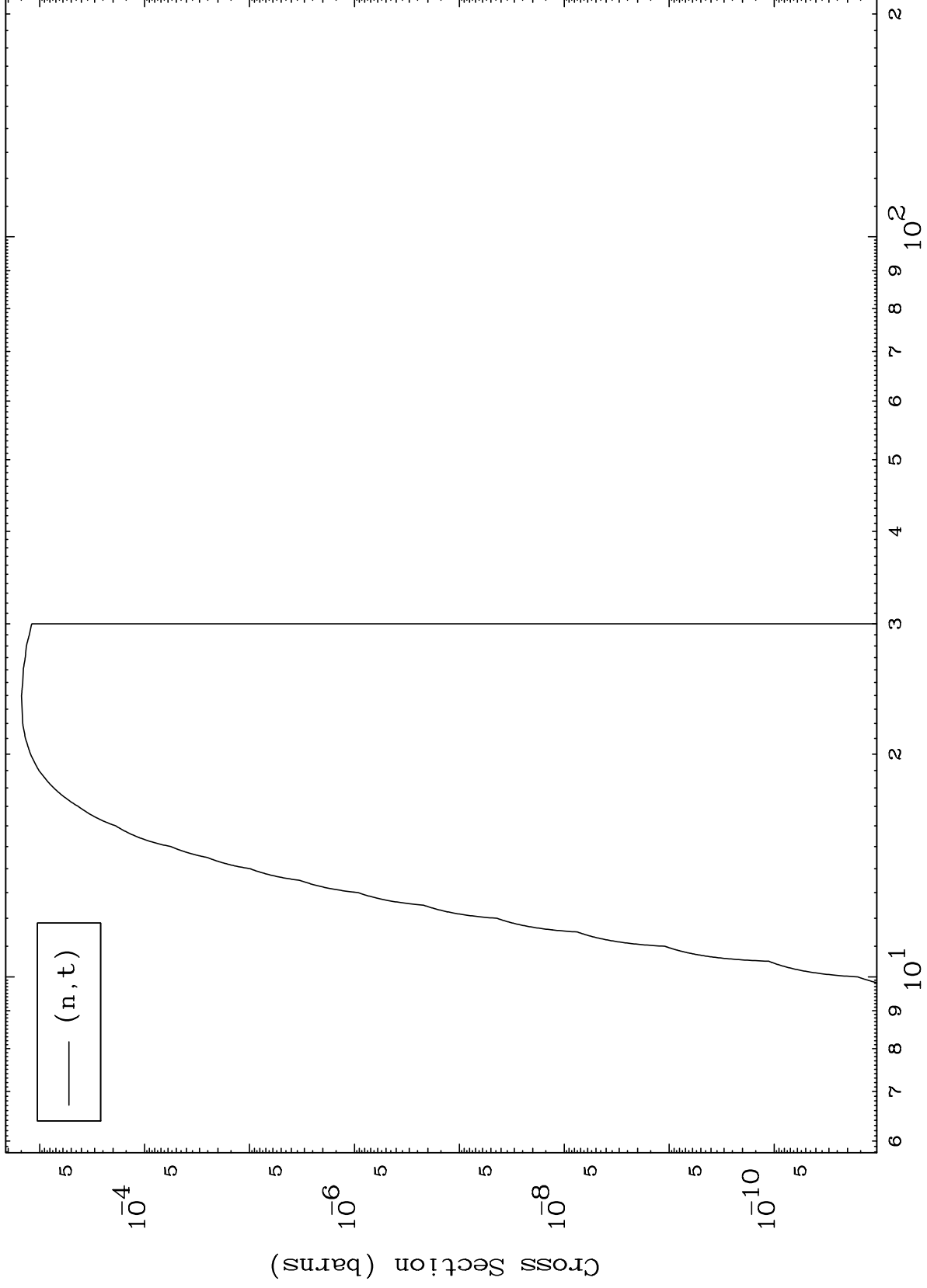
Incident Energy (MeV)

57-La-147

MAT 5752

(n,t) Levels
293 Kelvin Cross Sections

57-La-147



12

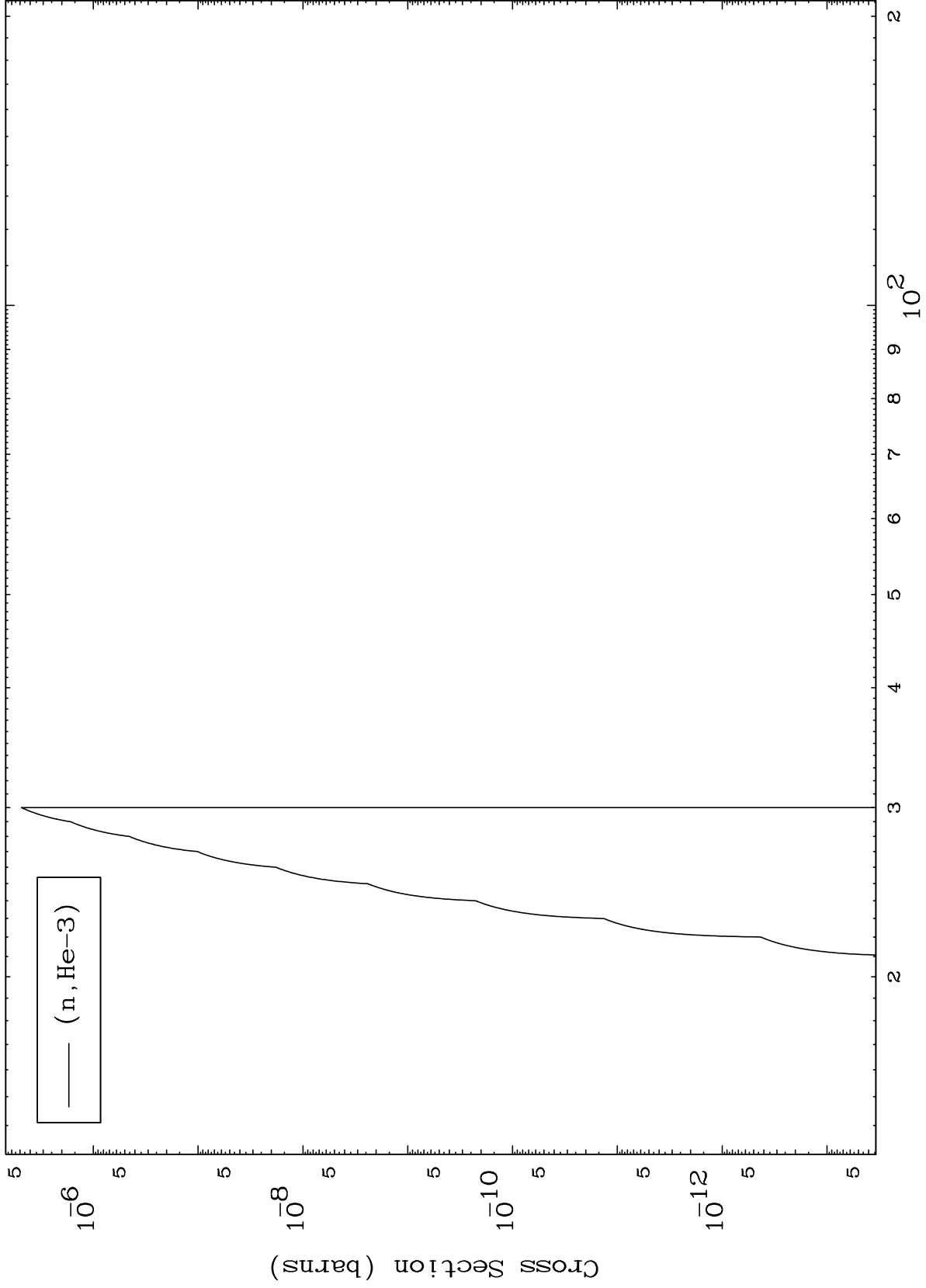
Incident Energy (MeV)

57-La-147

MAT 5752

(n,He3) Levels
293 Kelvin Cross Sections

57-La-147



13

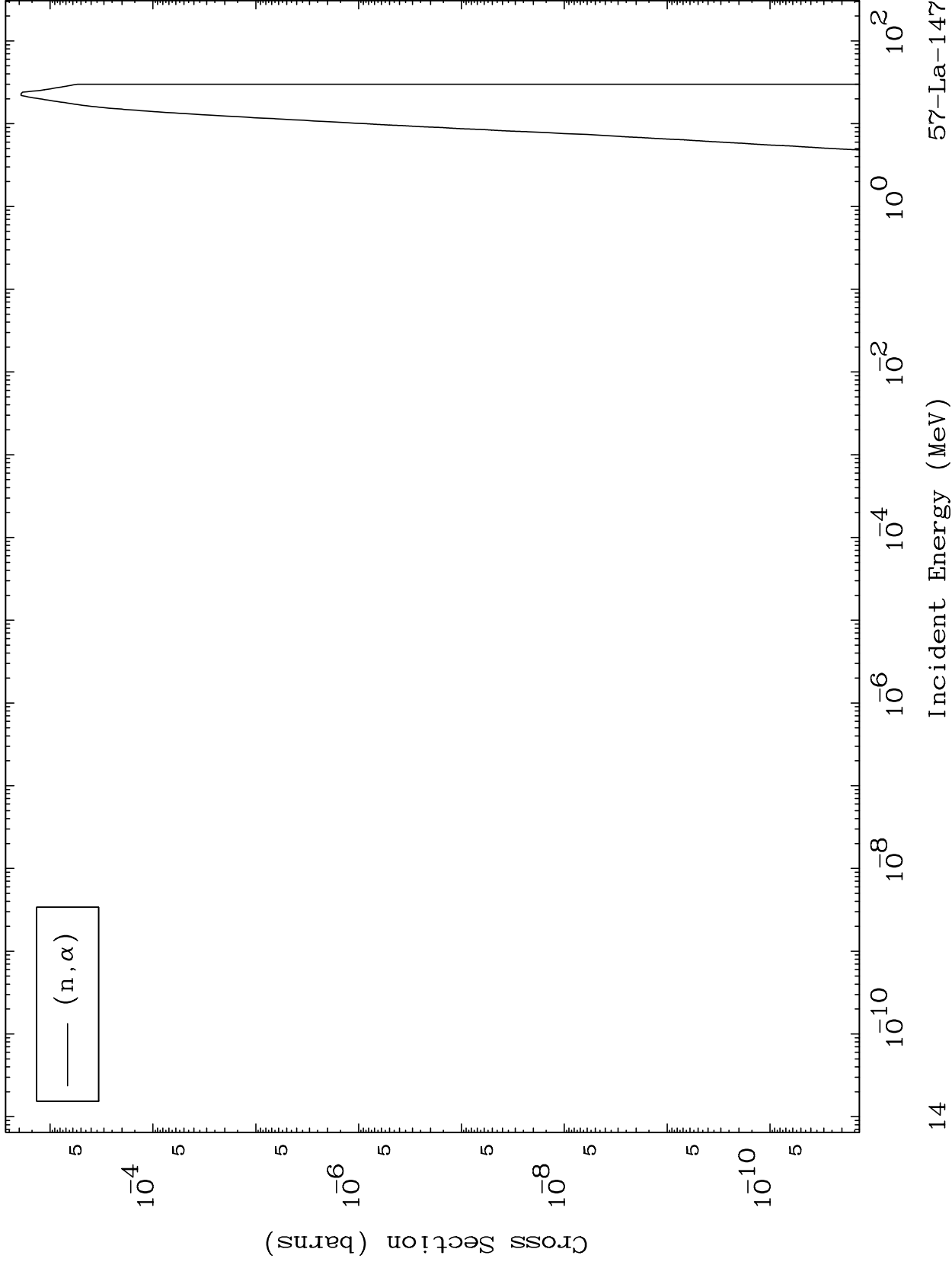
Incident Energy (MeV)

57-La-147

MAT 5752

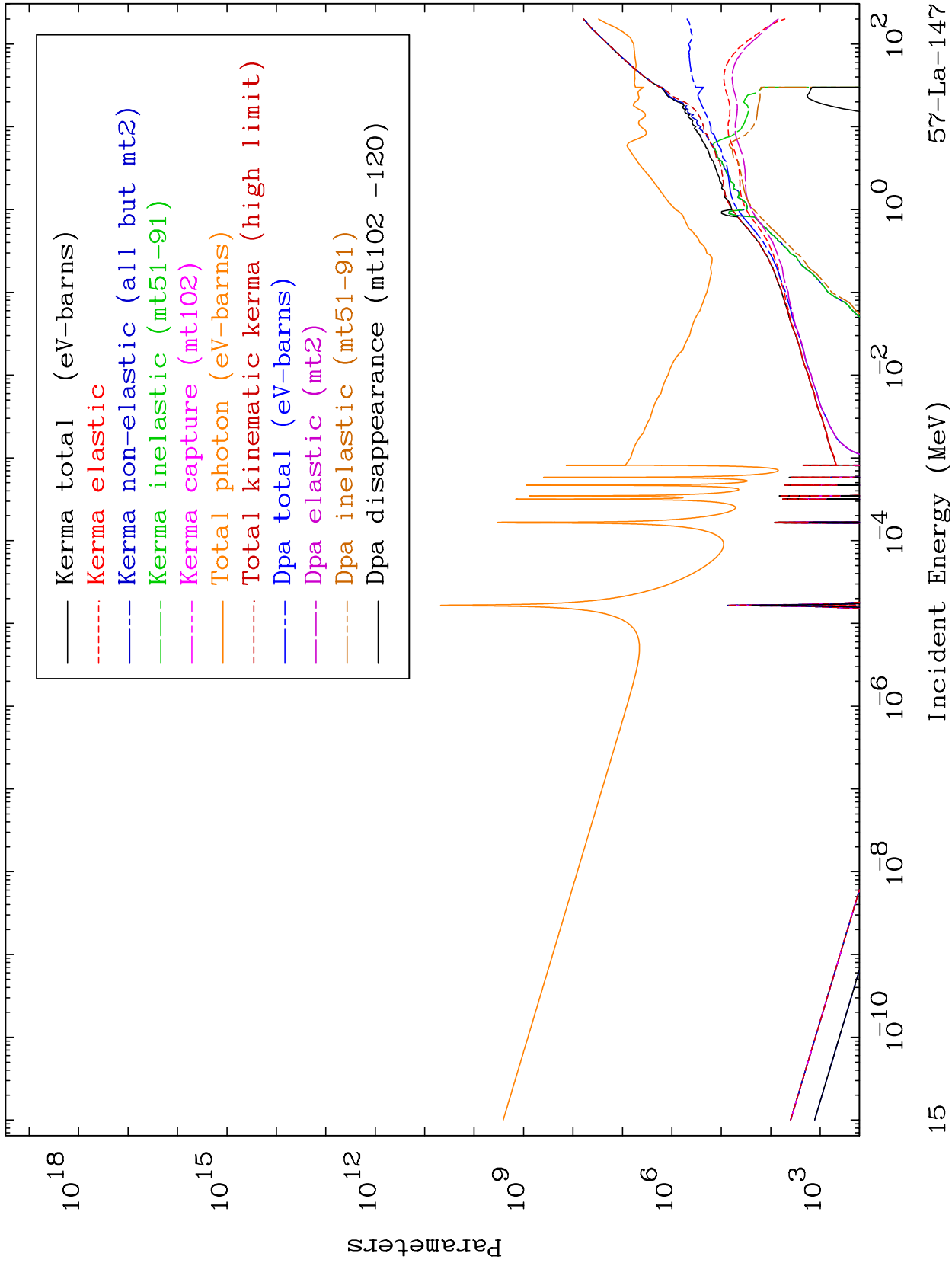
(n, α) Levels
293 Kelvin Cross Sections

57-La-147



14

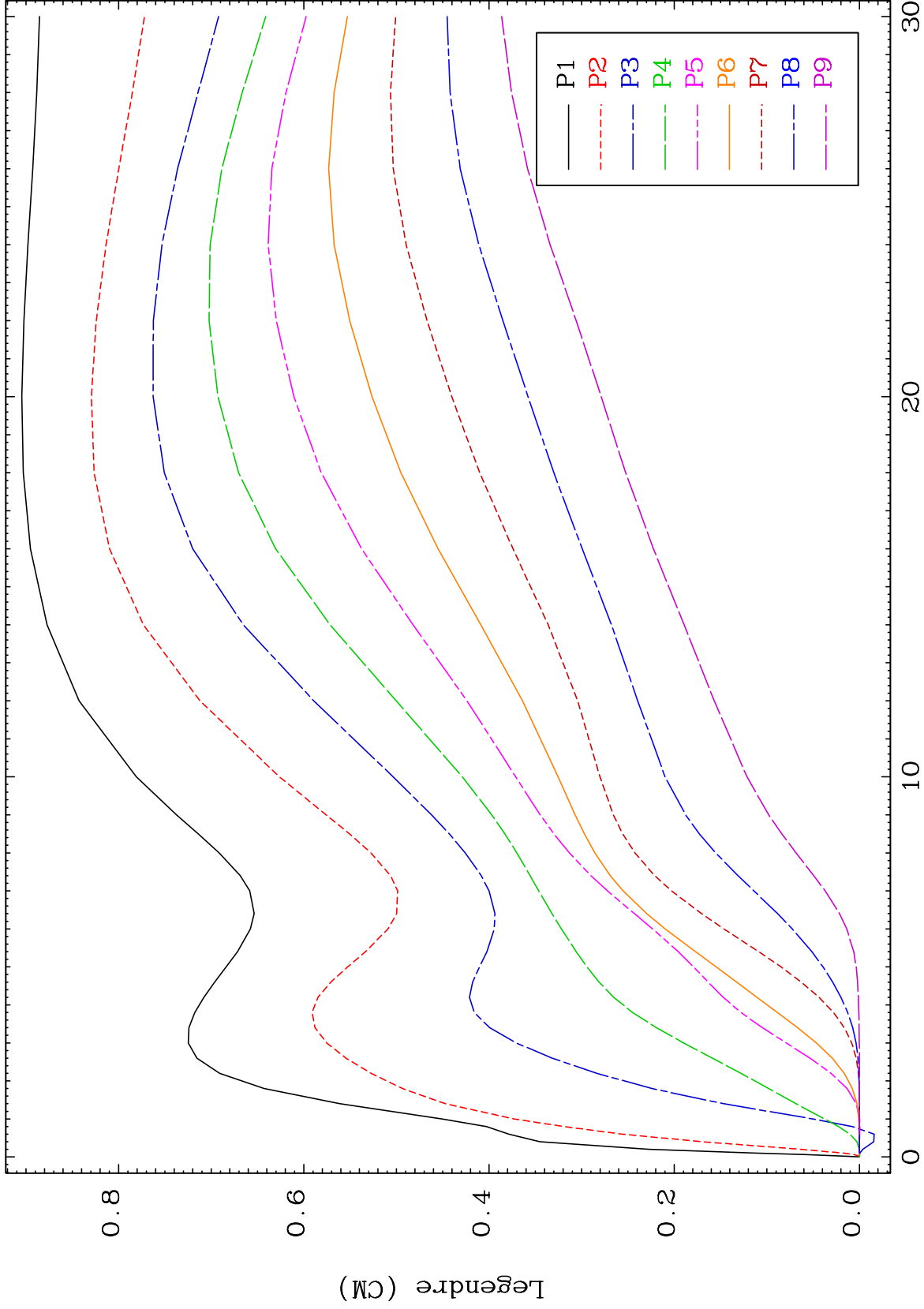
57-La-147



MAT 5752

Elastic Legendre Coefficients

57-La-147



16

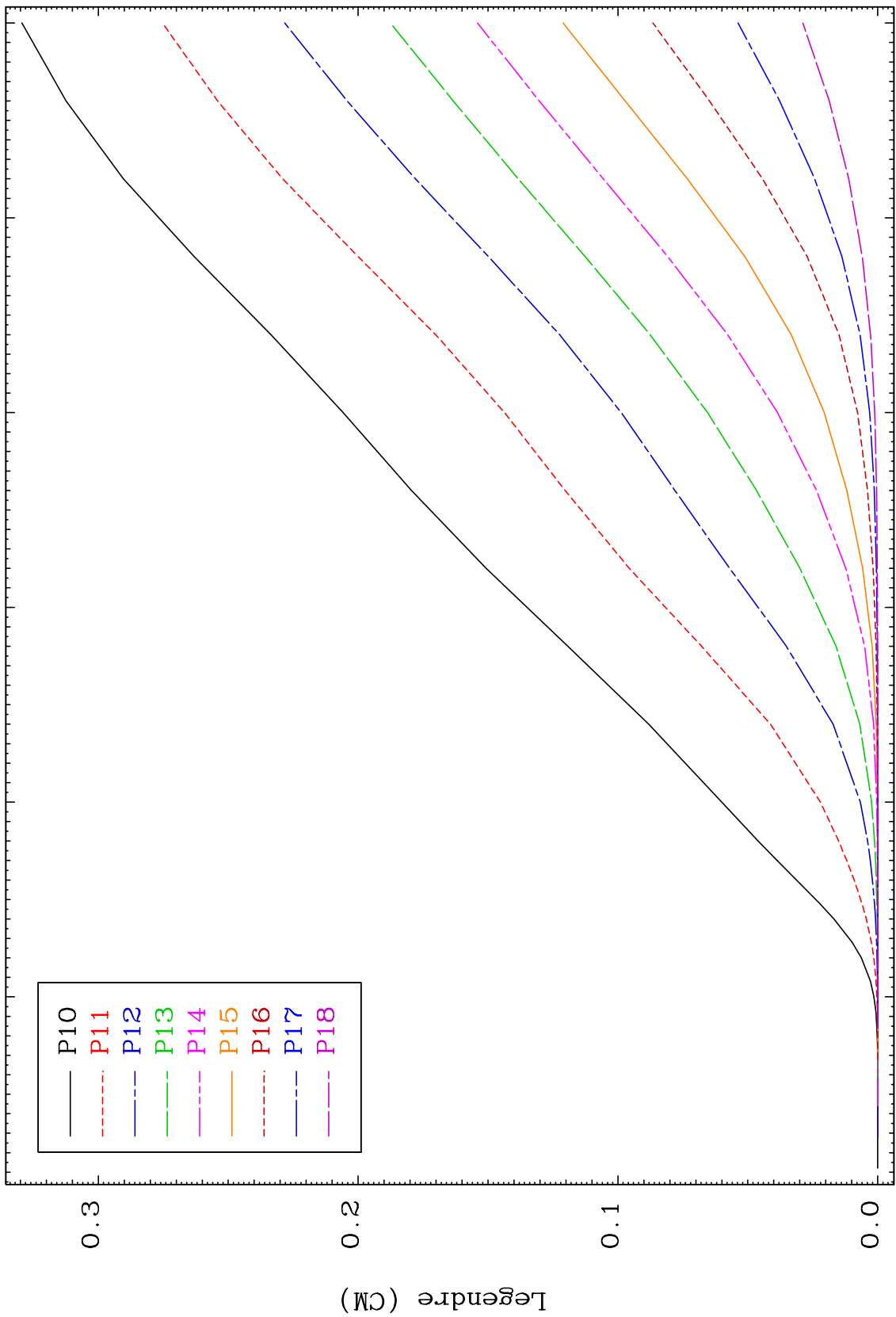
Incident Energy (MeV)

57-La-147

MAT 5752

Elastic Legendre Coefficients

57-La-147



17

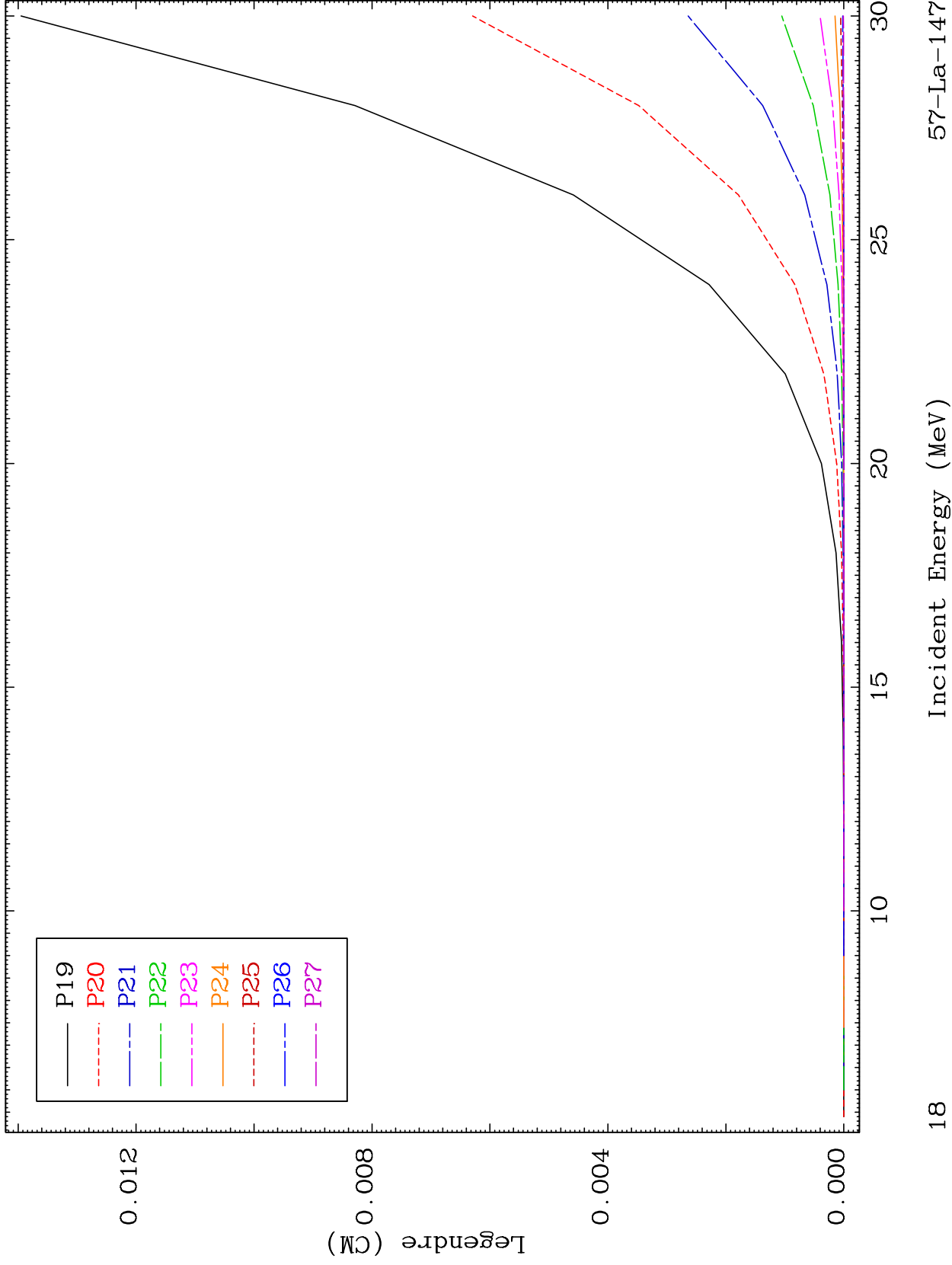
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Incident Energy (MeV)

MAT 5752

Elastic Legendre Coefficients

57-La-147



18

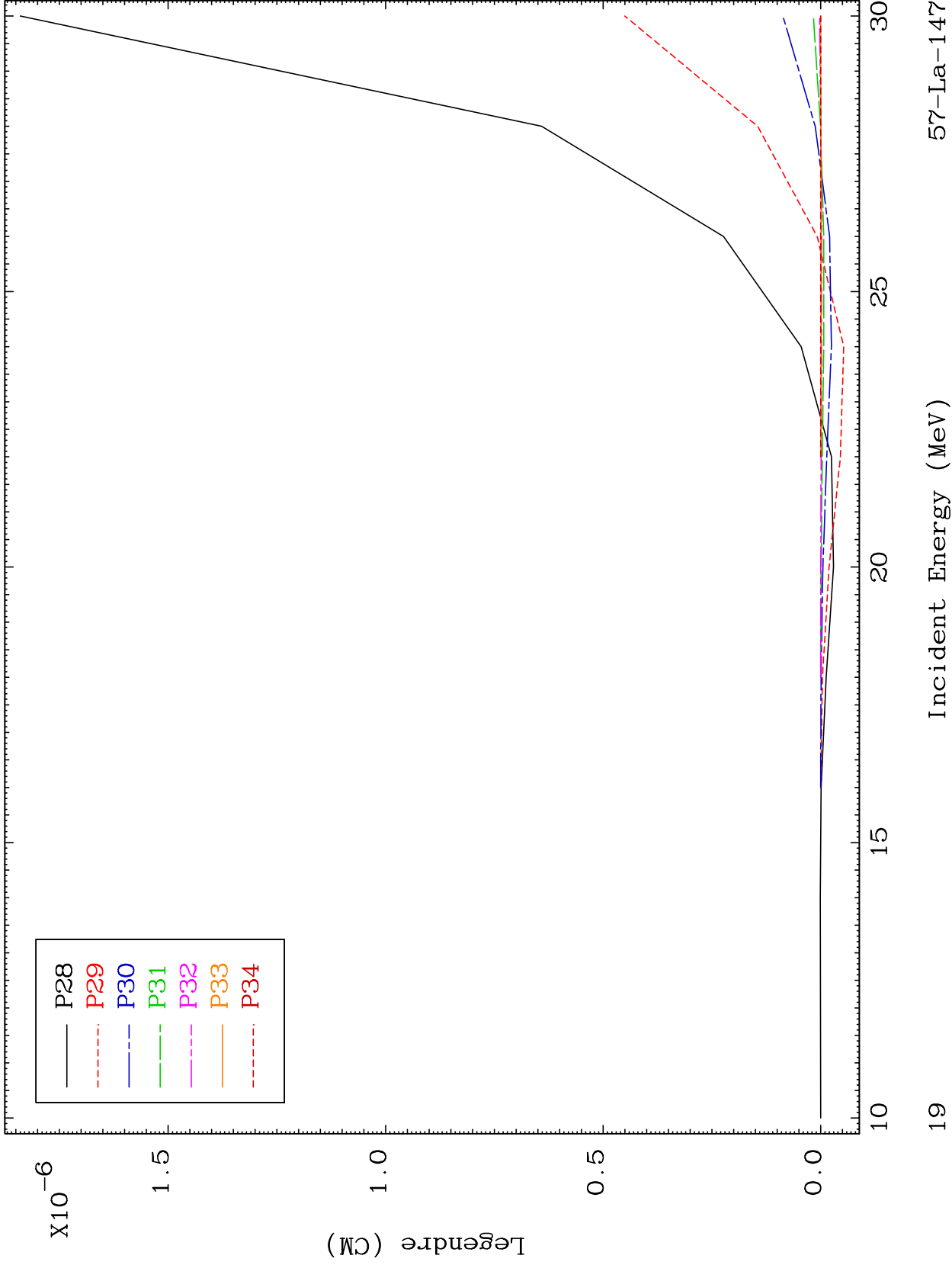
Incident Energy (MeV)

57-La-147

MAT 5752

Elastic Legendre Coefficients

57-La-147



19

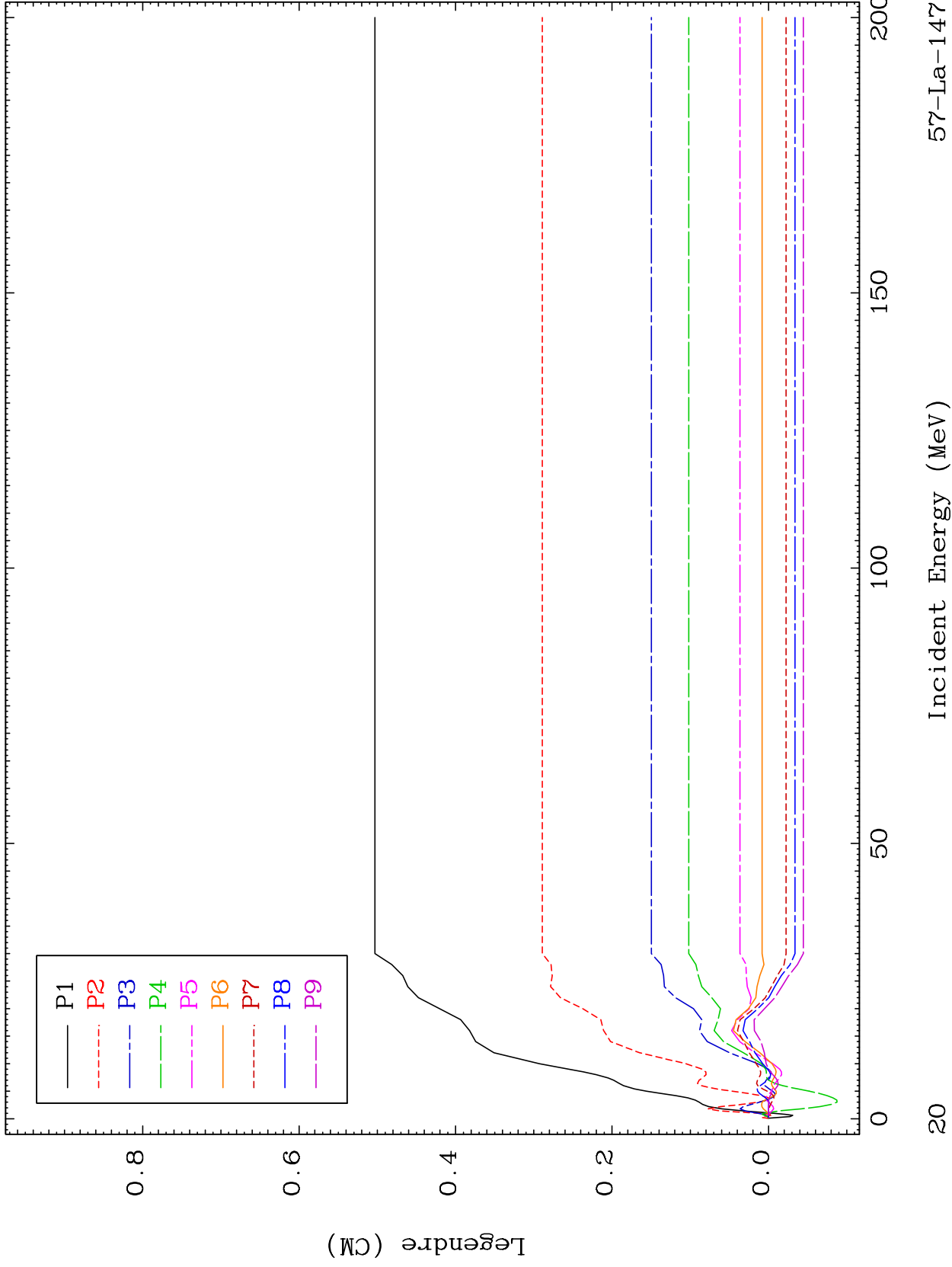
Incident Energy (MeV)

57-La-147

MAT 5752

15.70 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

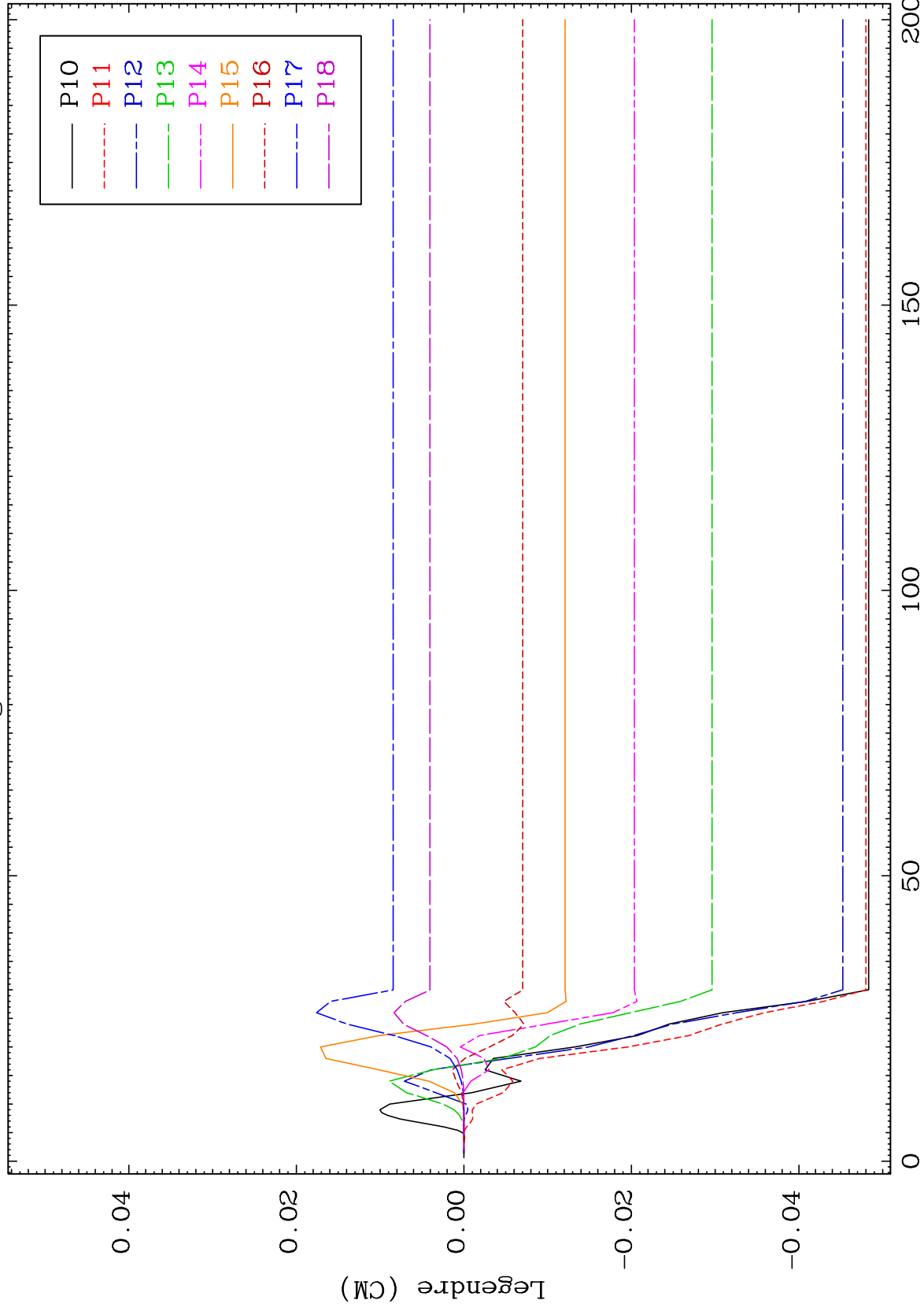
Incident Energy (MeV)

0

MAT 5752

15.70 keV (n,n') Level
Legendre Coefficients

57-La-147



21

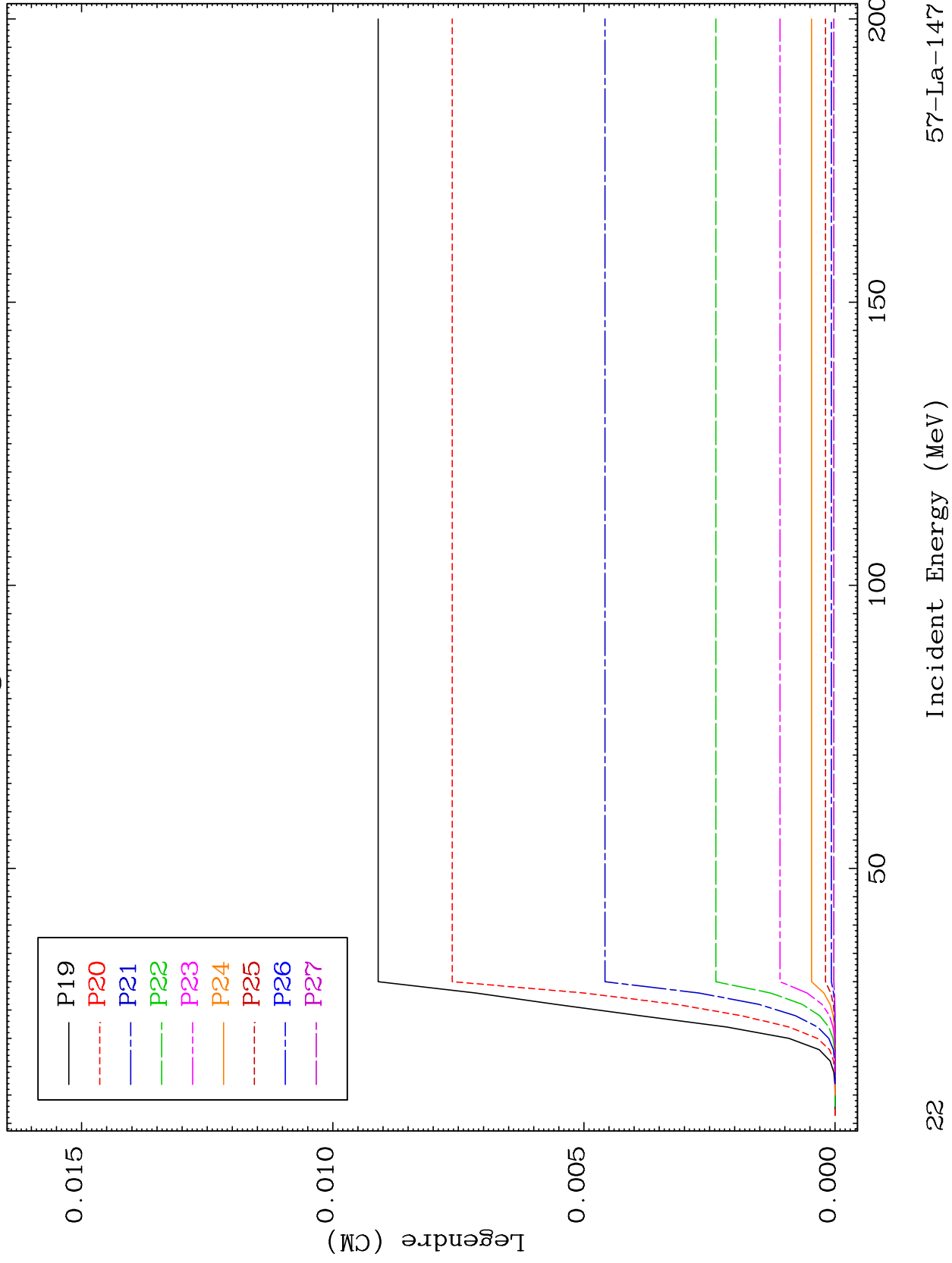
Incident Energy (MeV)

57-La-147

MAT 5752

15.70 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

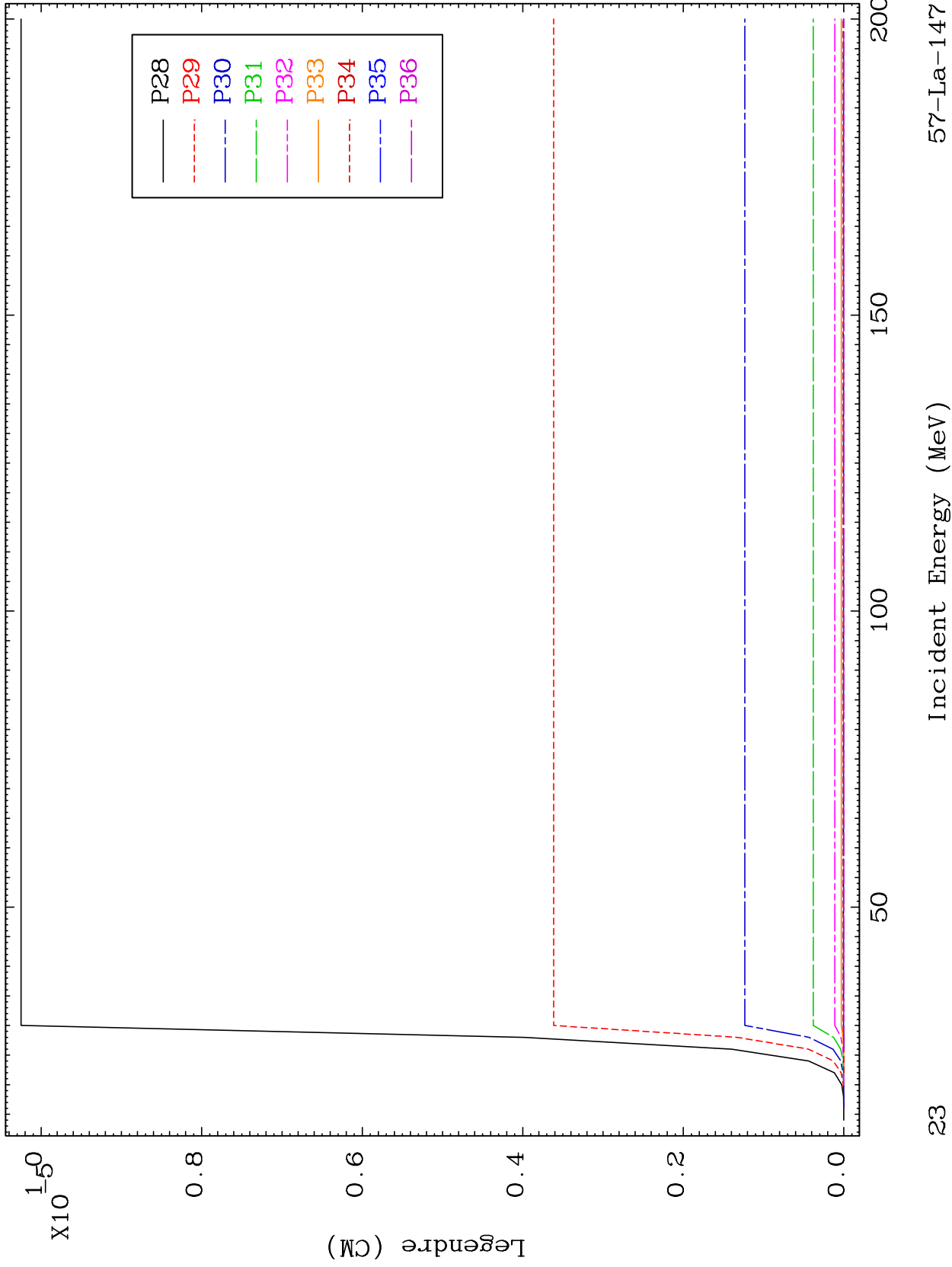
Incident Energy (MeV)

22

MAT 5752

15.70 keV (n,n') Level
Legendre Coefficients

57-La-147



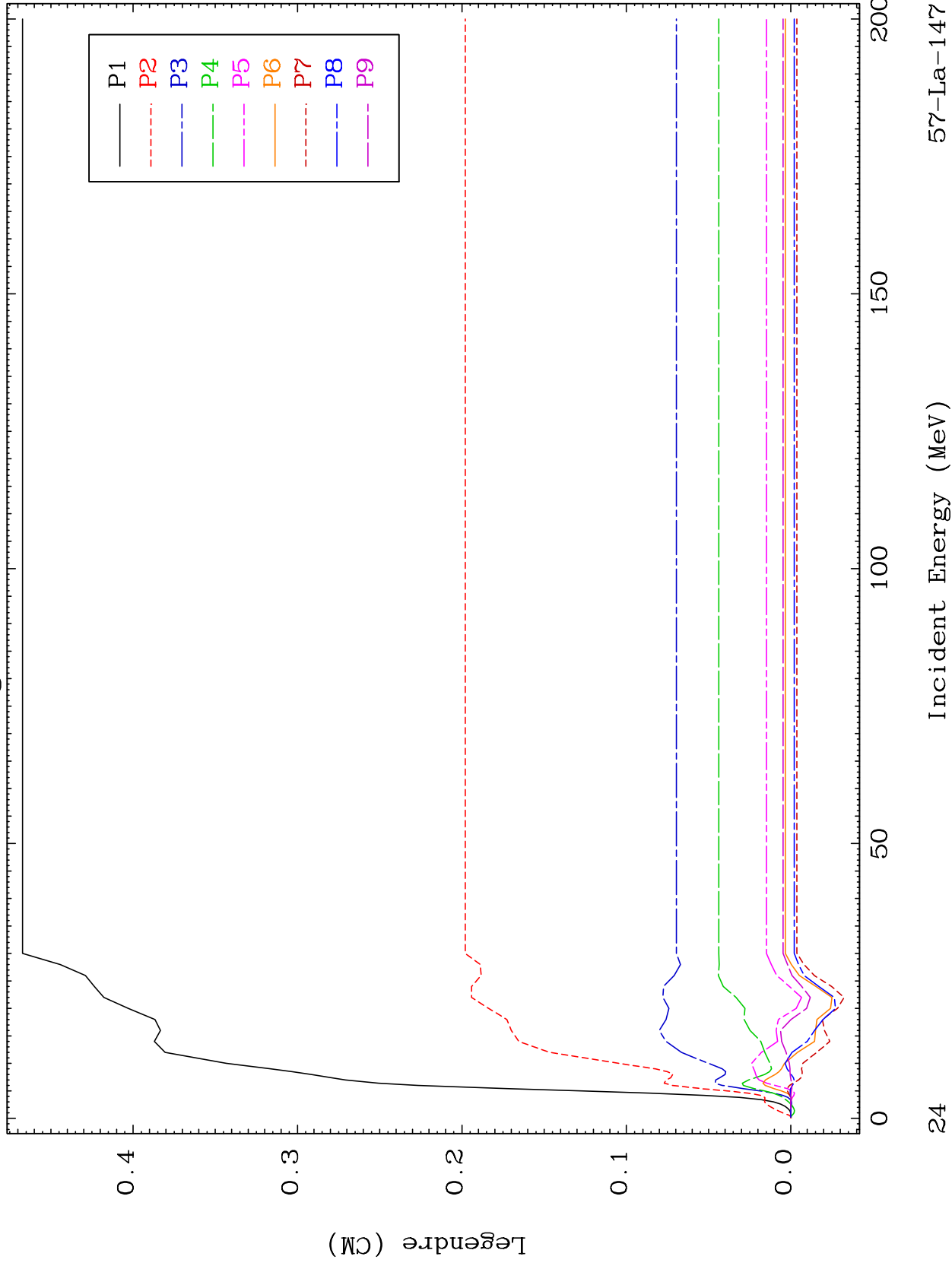
23

57-La-147

MAT 5752

74.50 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

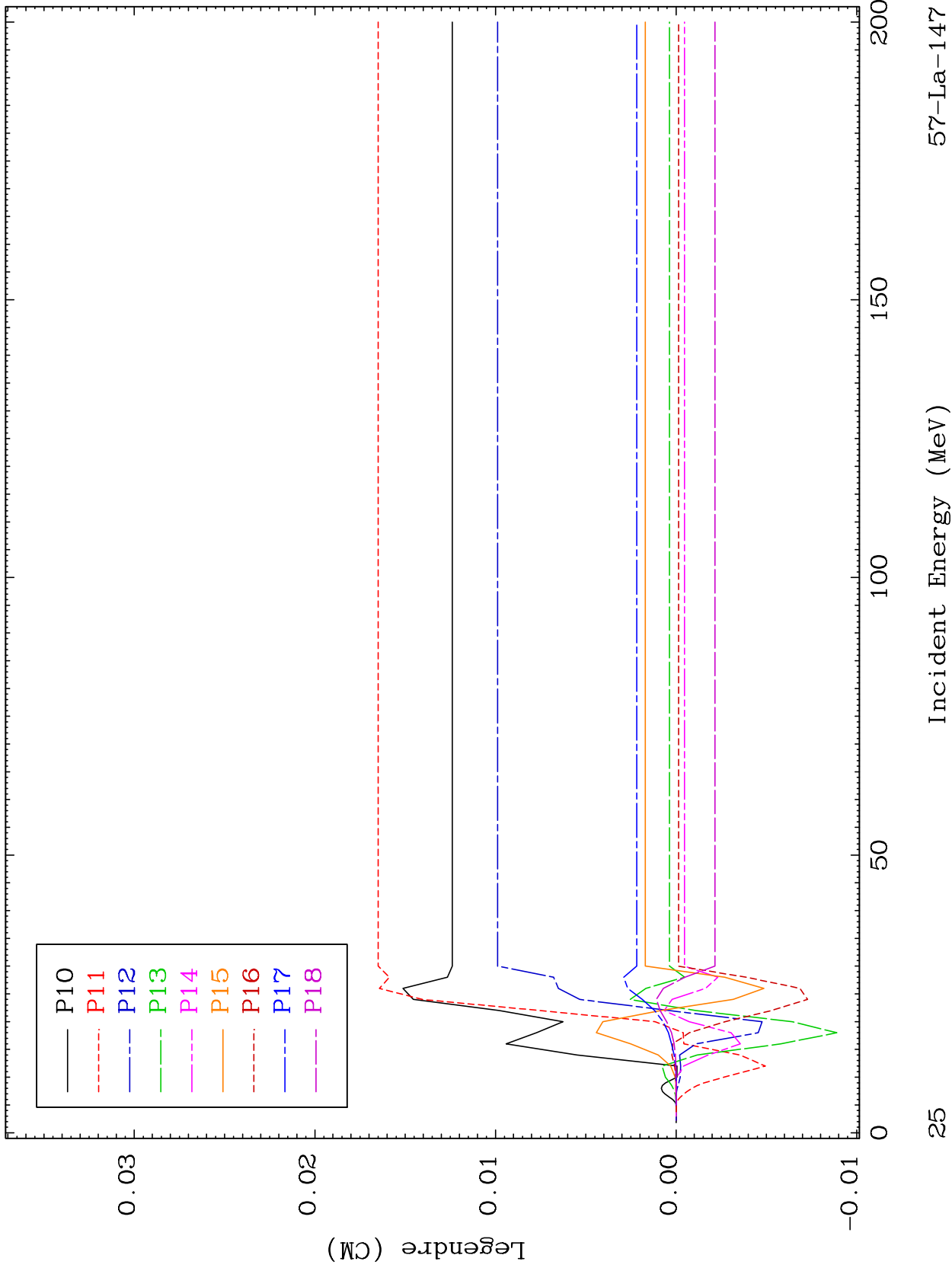
Incident Energy (MeV)

24

MAT 5752

74.50 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

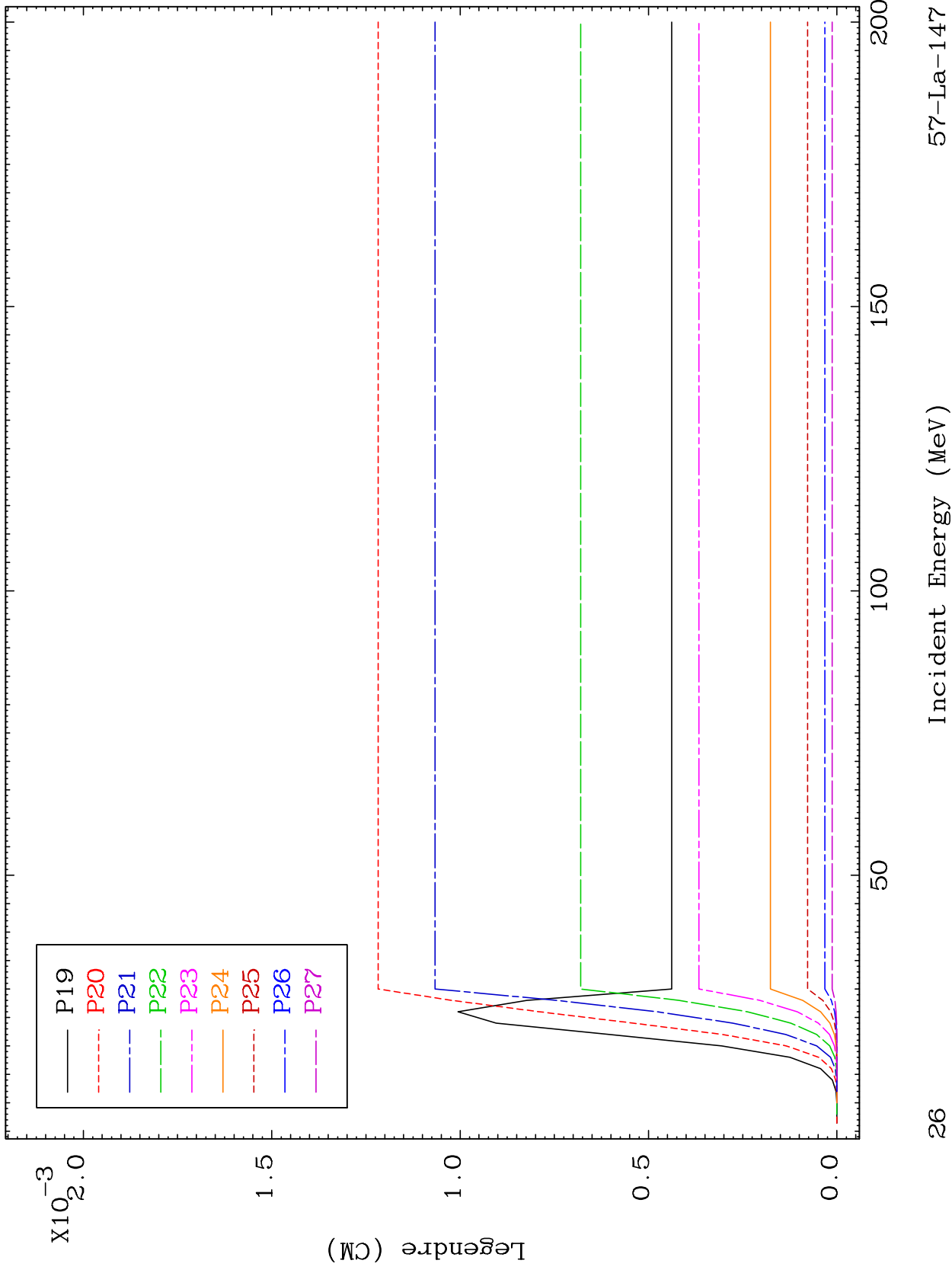
Incident Energy (MeV)

25

MAT 5752

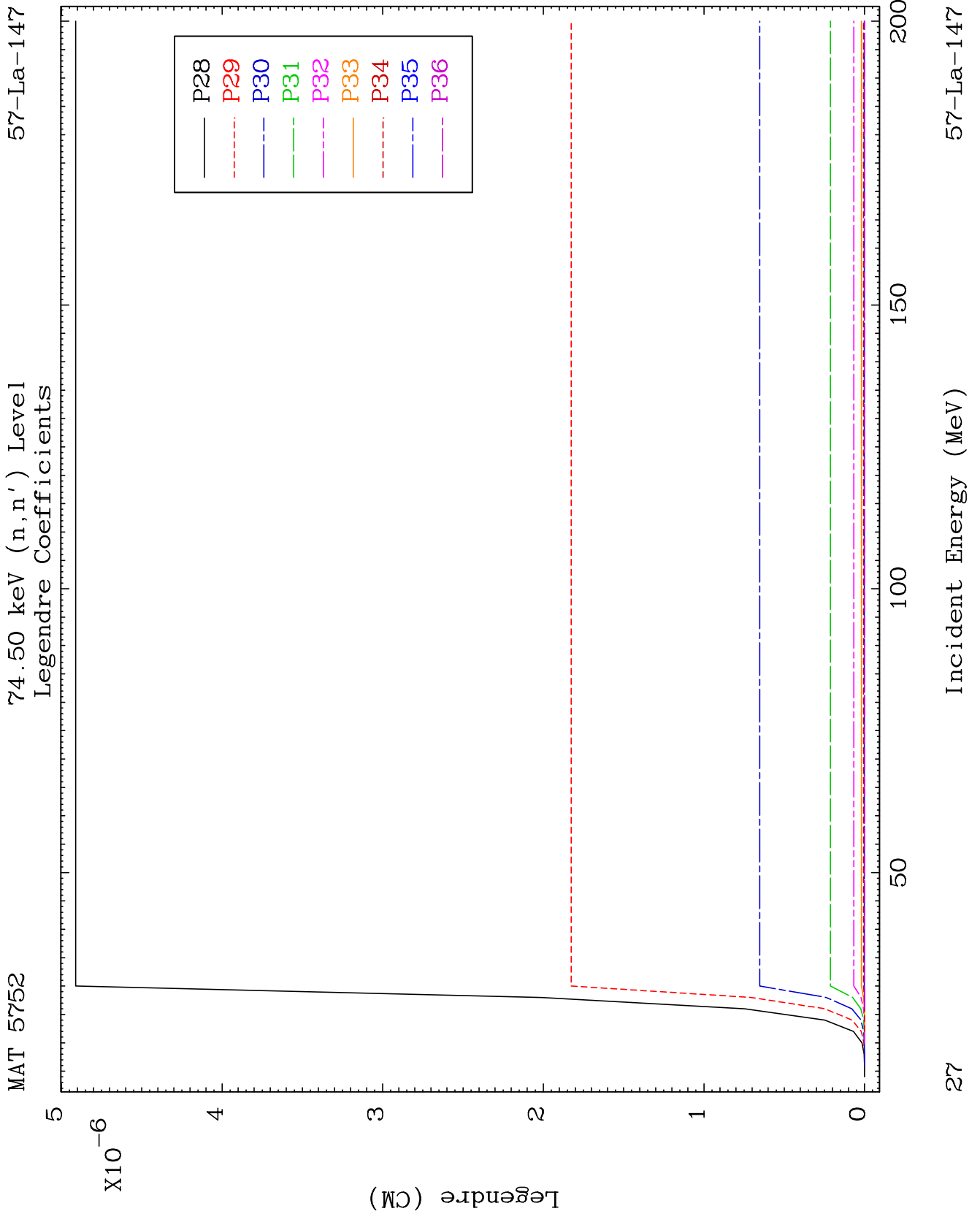
74.50 keV (n,n') Level
Legendre Coefficients

57-La-147



26

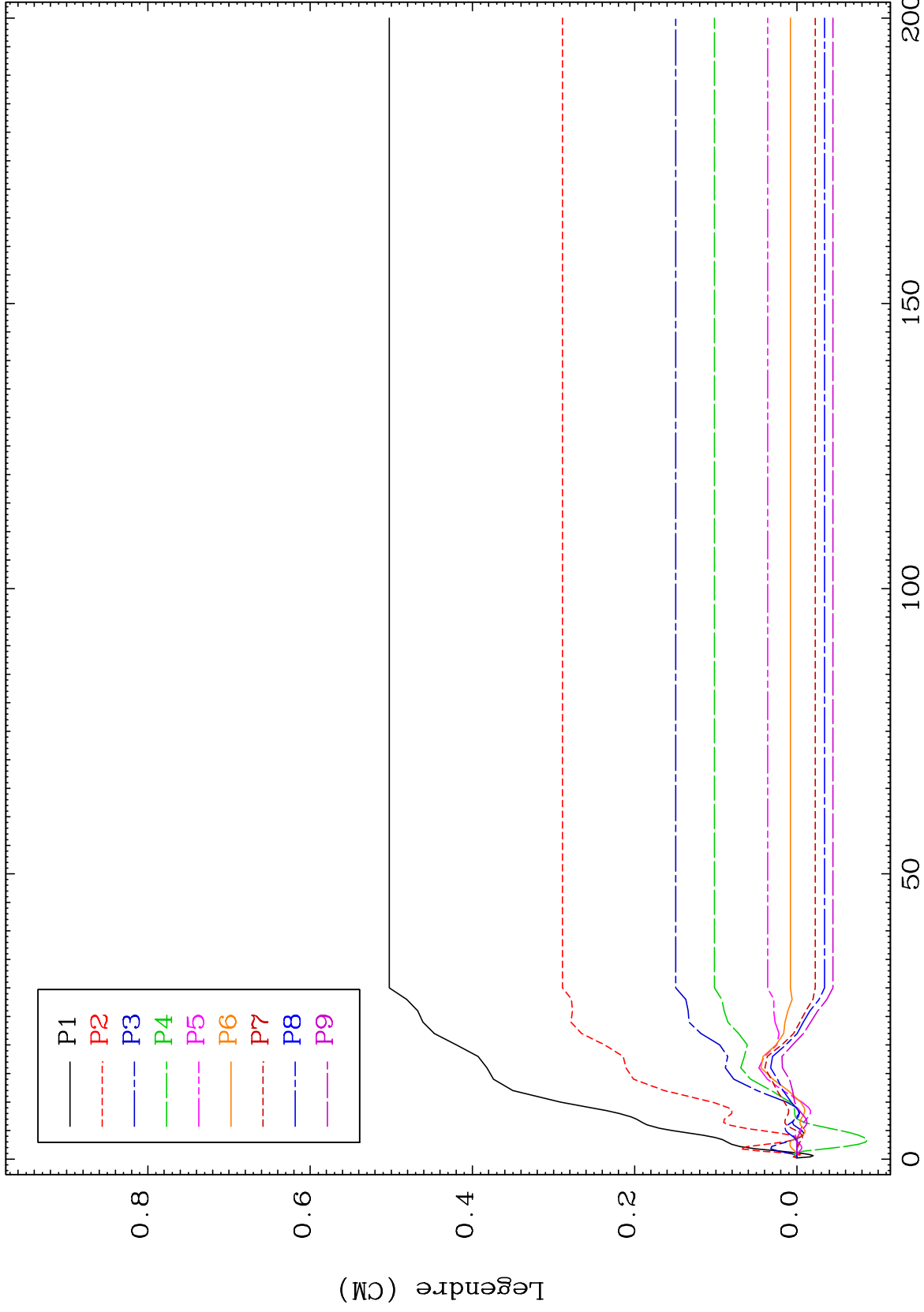
57-La-147



MAT 5752

120.8 keV (n,n') Level
Legendre Coefficients

57-La-147



28

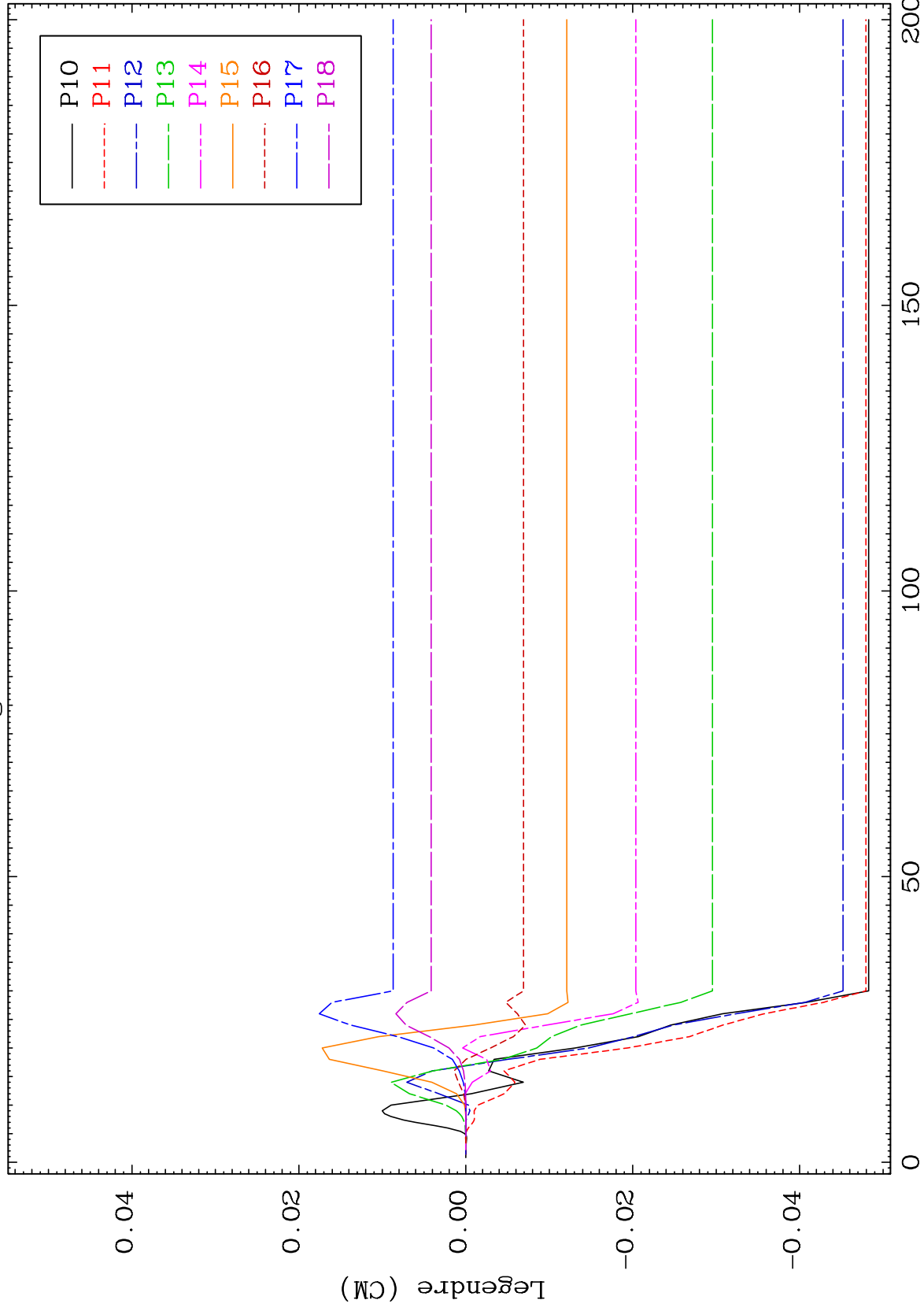
Incident Energy (MeV)

57-La-147

MAT 5752

120.8 keV (n,n') Level
Legendre Coefficients

57-La-147



29

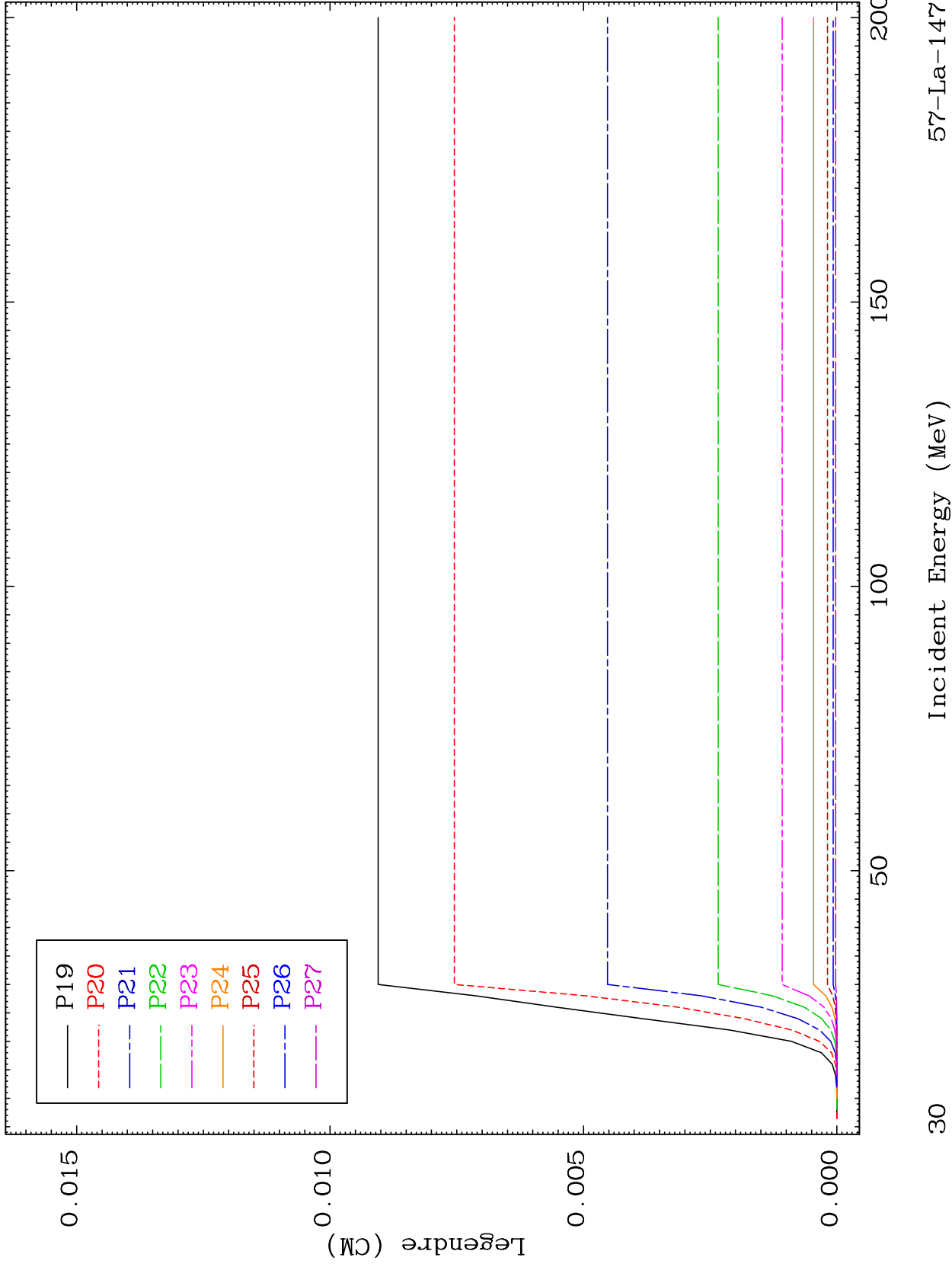
Incident Energy (MeV)

57-La-147

MAT 5752

120.8 keV (n,n') Level
Legendre Coefficients

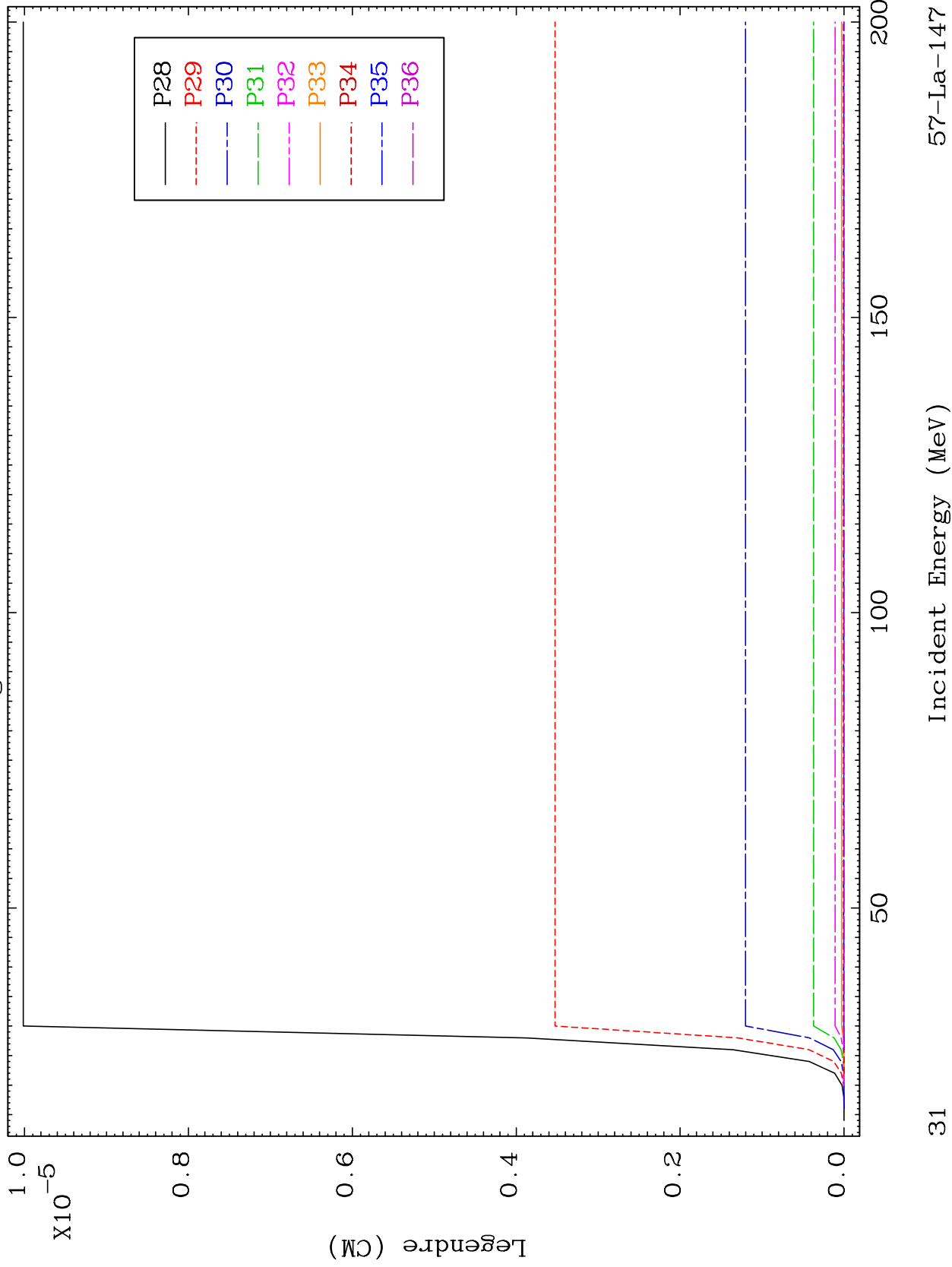
57-La-147



57-La-147

Incident Energy (MeV)

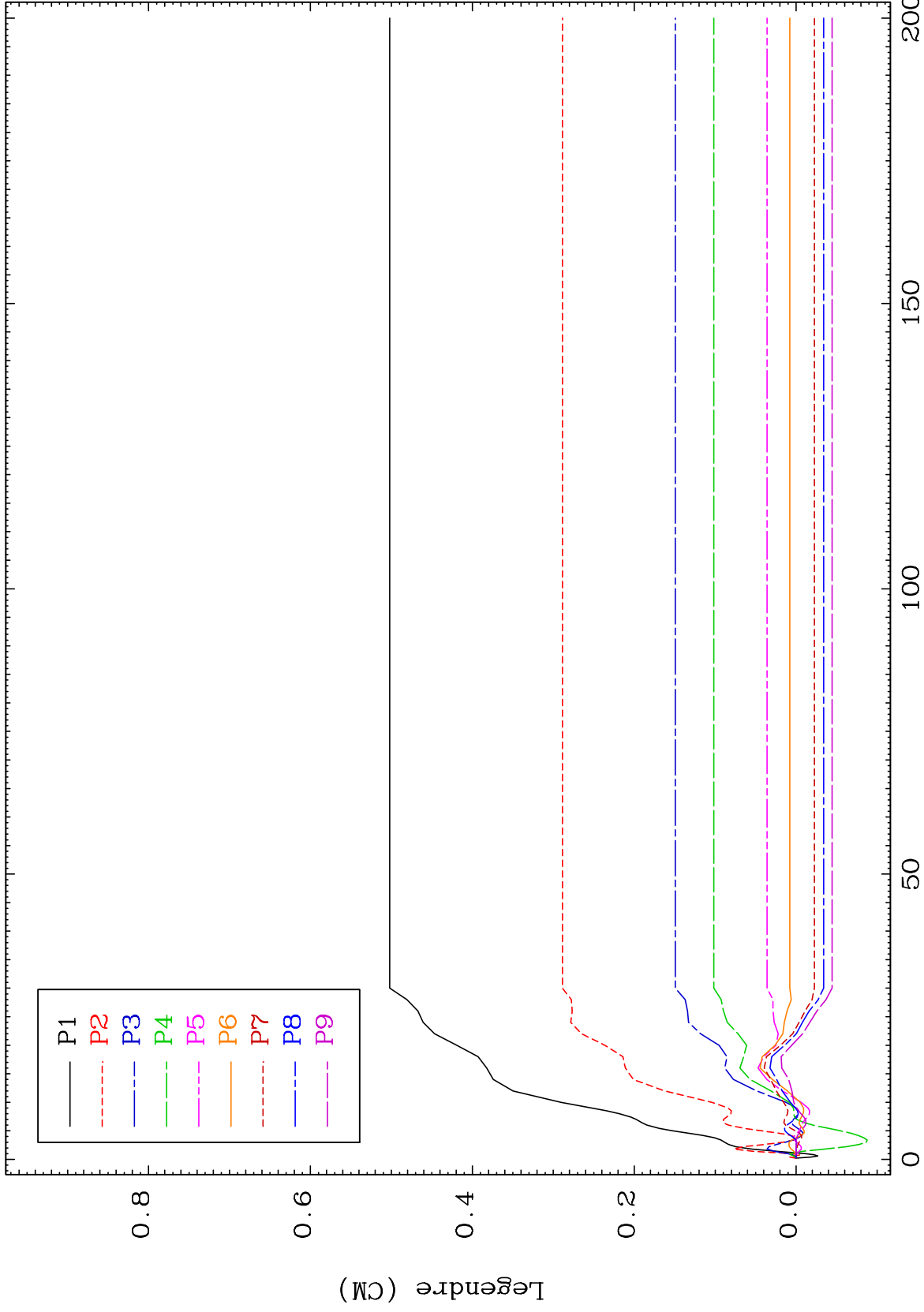
30



MAT 5752

167.4 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

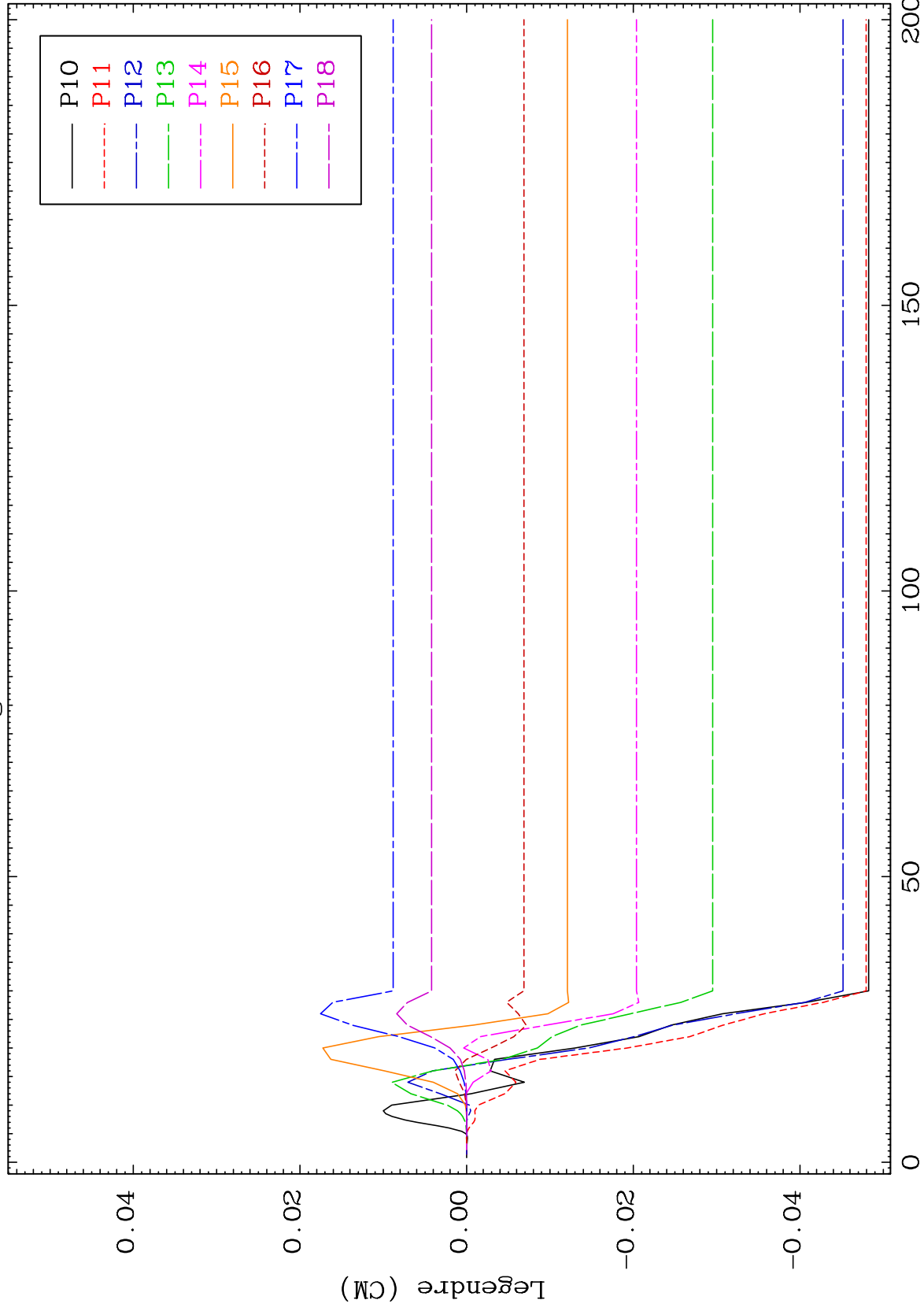
Incident Energy (MeV)

32

MAT 5752

167.4 keV (n,n') Level
Legendre Coefficients

57-La-147



33

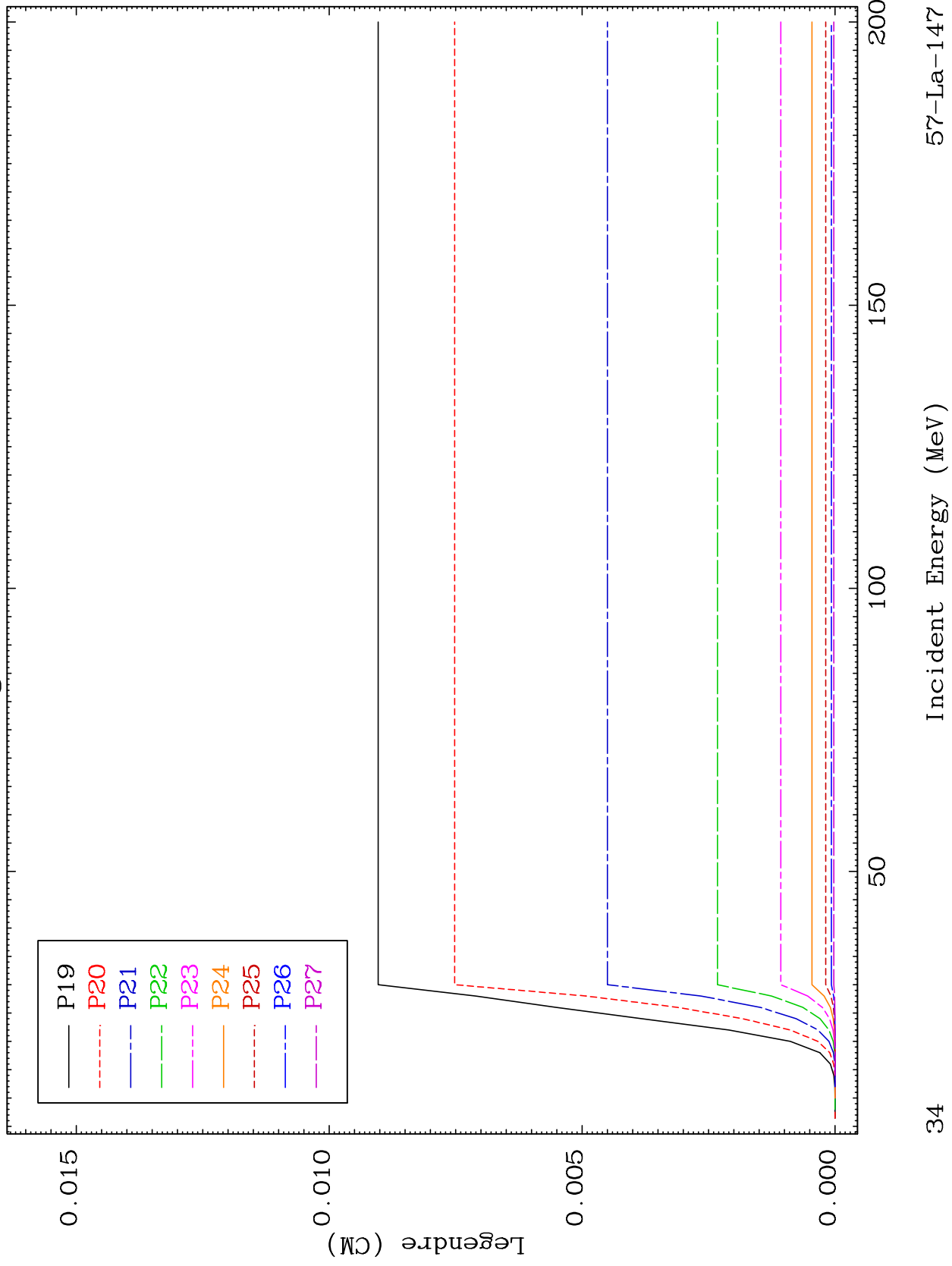
Incident Energy (MeV)

57-La-147

MAT 5752

167.4 keV (n,n') Level
Legendre Coefficients

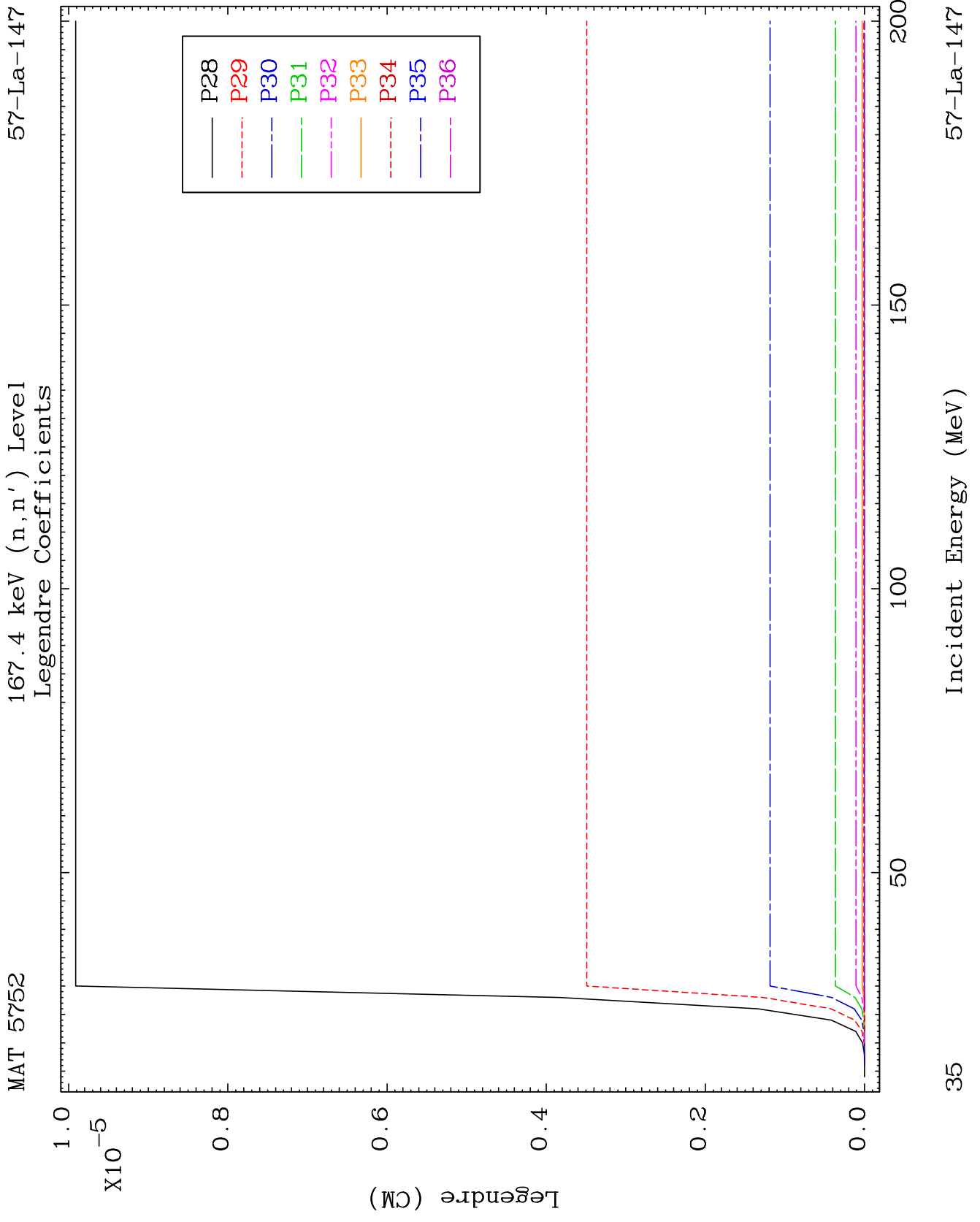
57-La-147



57-La-147

Incident Energy (MeV)

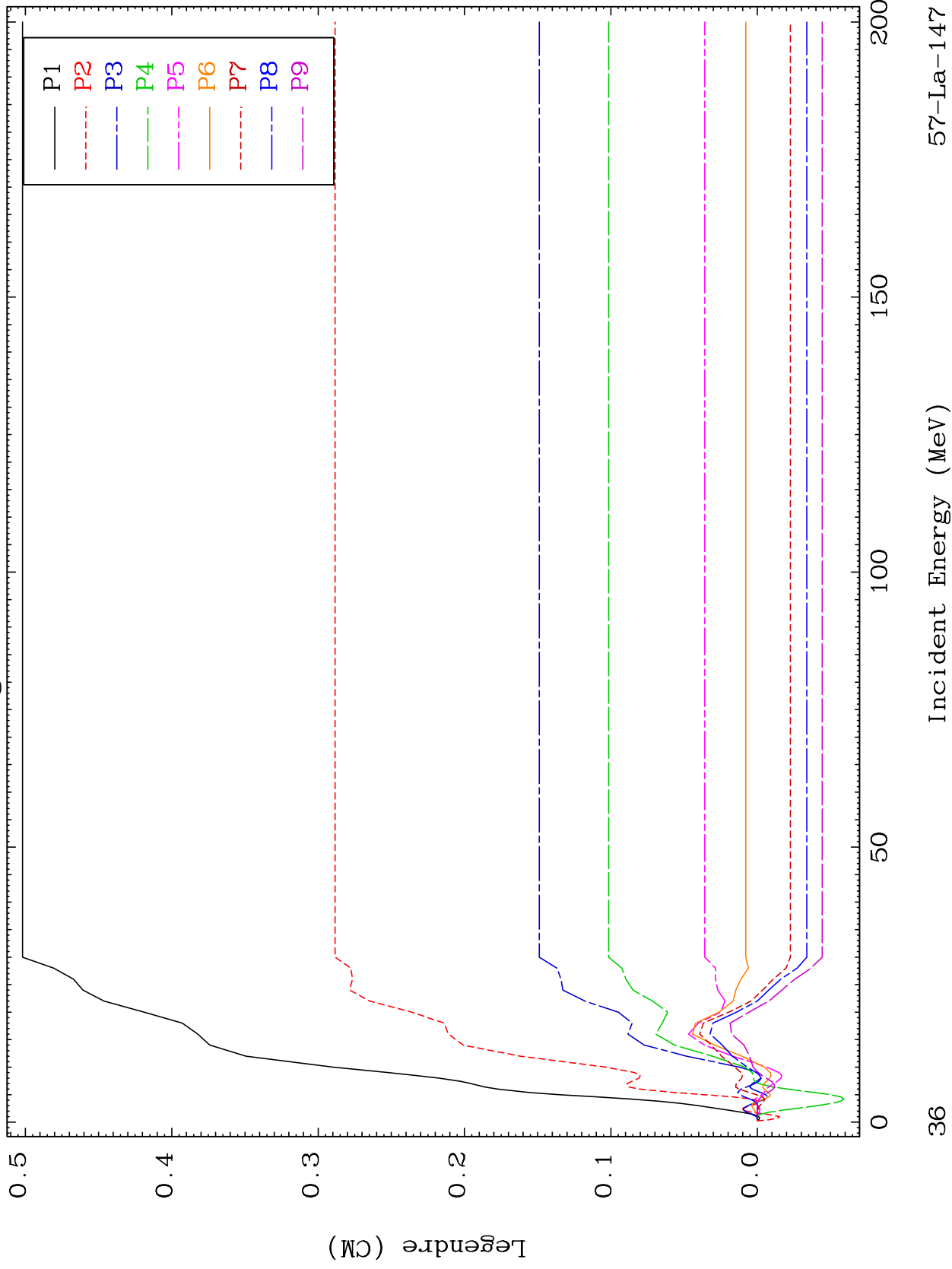
34



MAT 5752

211.9 keV (n,n') Level
Legendre Coefficients

57-La-147



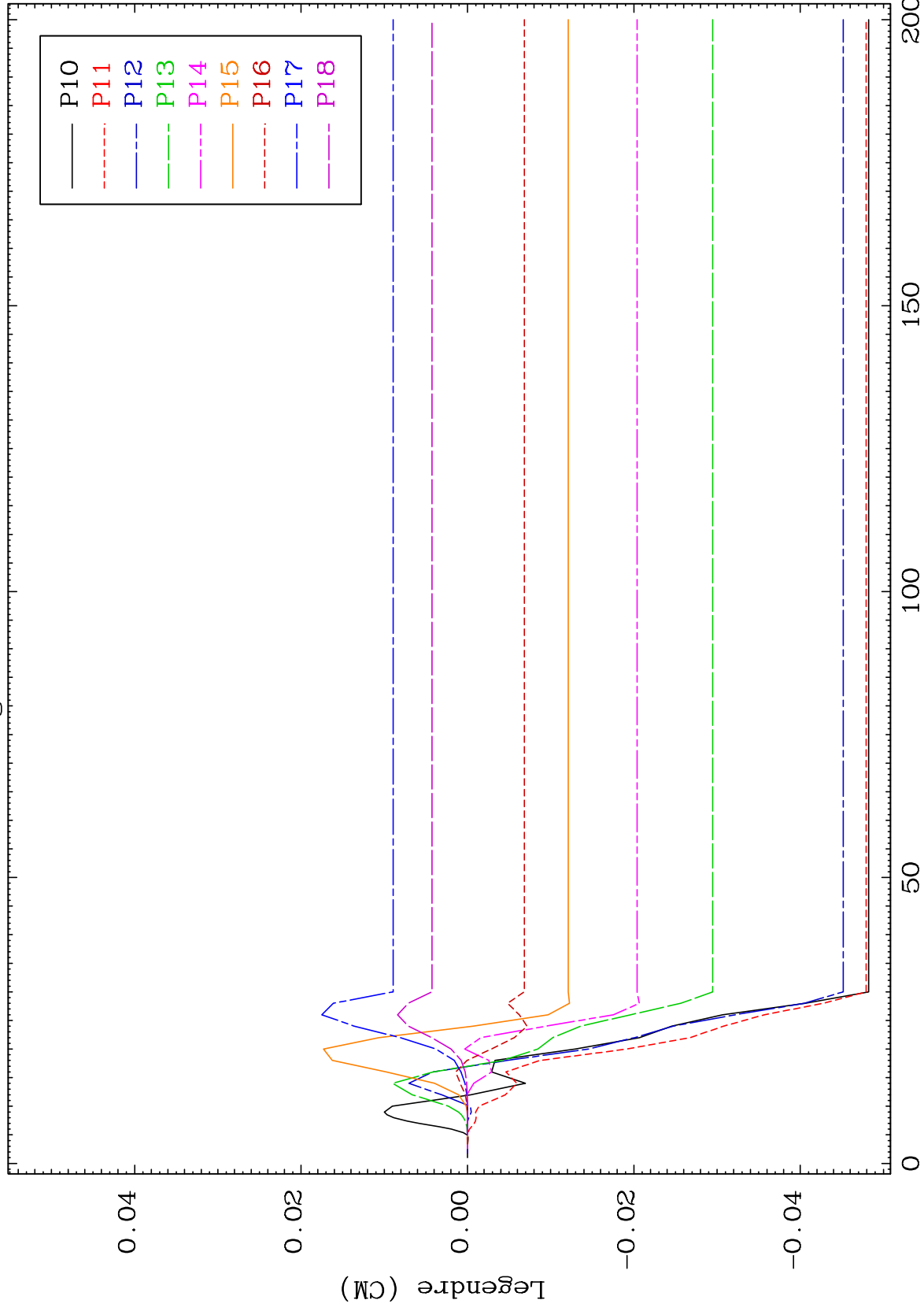
36

57-La-147

MAT 5752

211.9 keV (n,n') Level
Legendre Coefficients

57-La-147



37

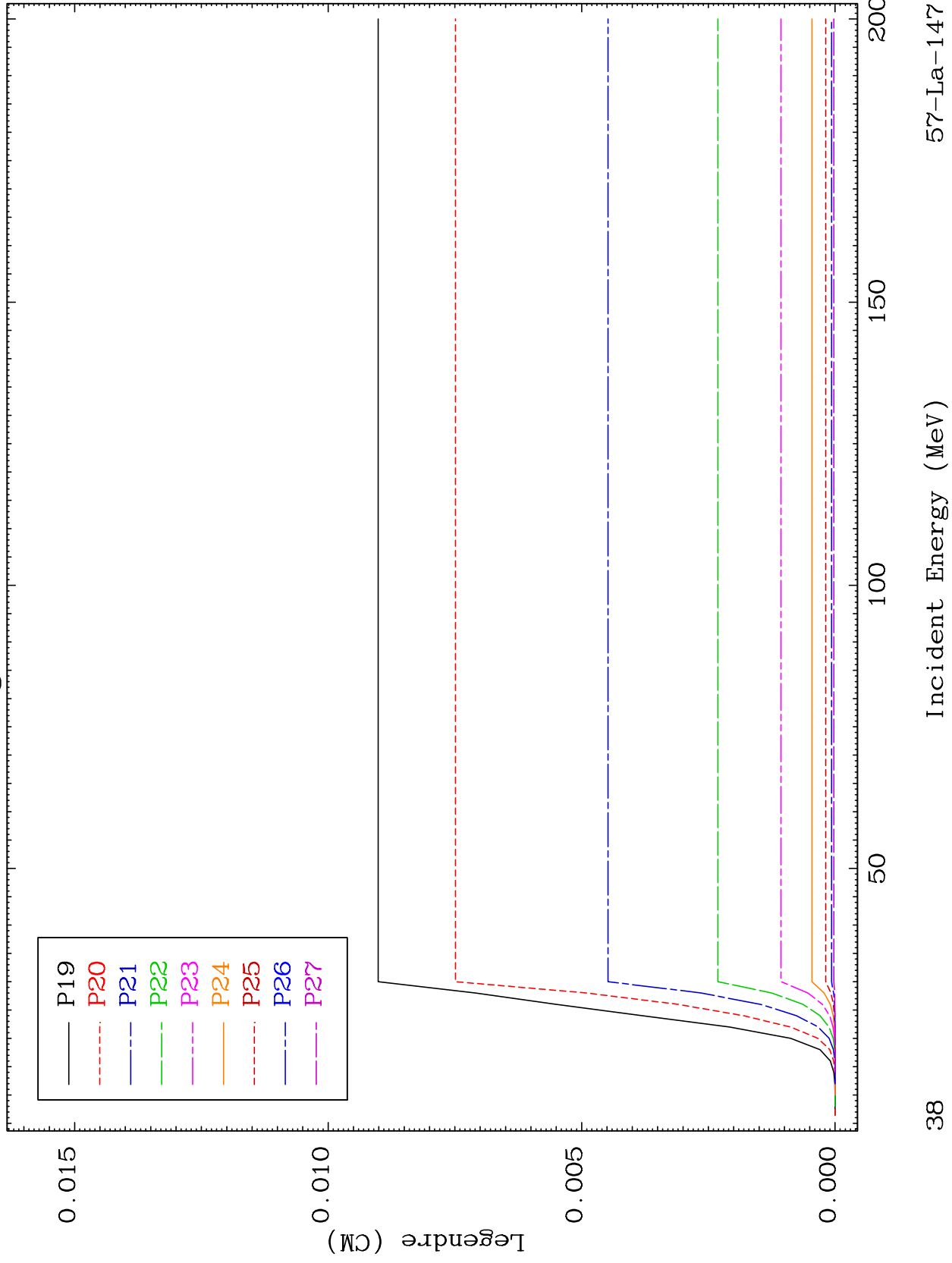
Incident Energy (MeV)

57-La-147

MAT 5752

211.9 keV (n,n') Level
Legendre Coefficients

57-La-147



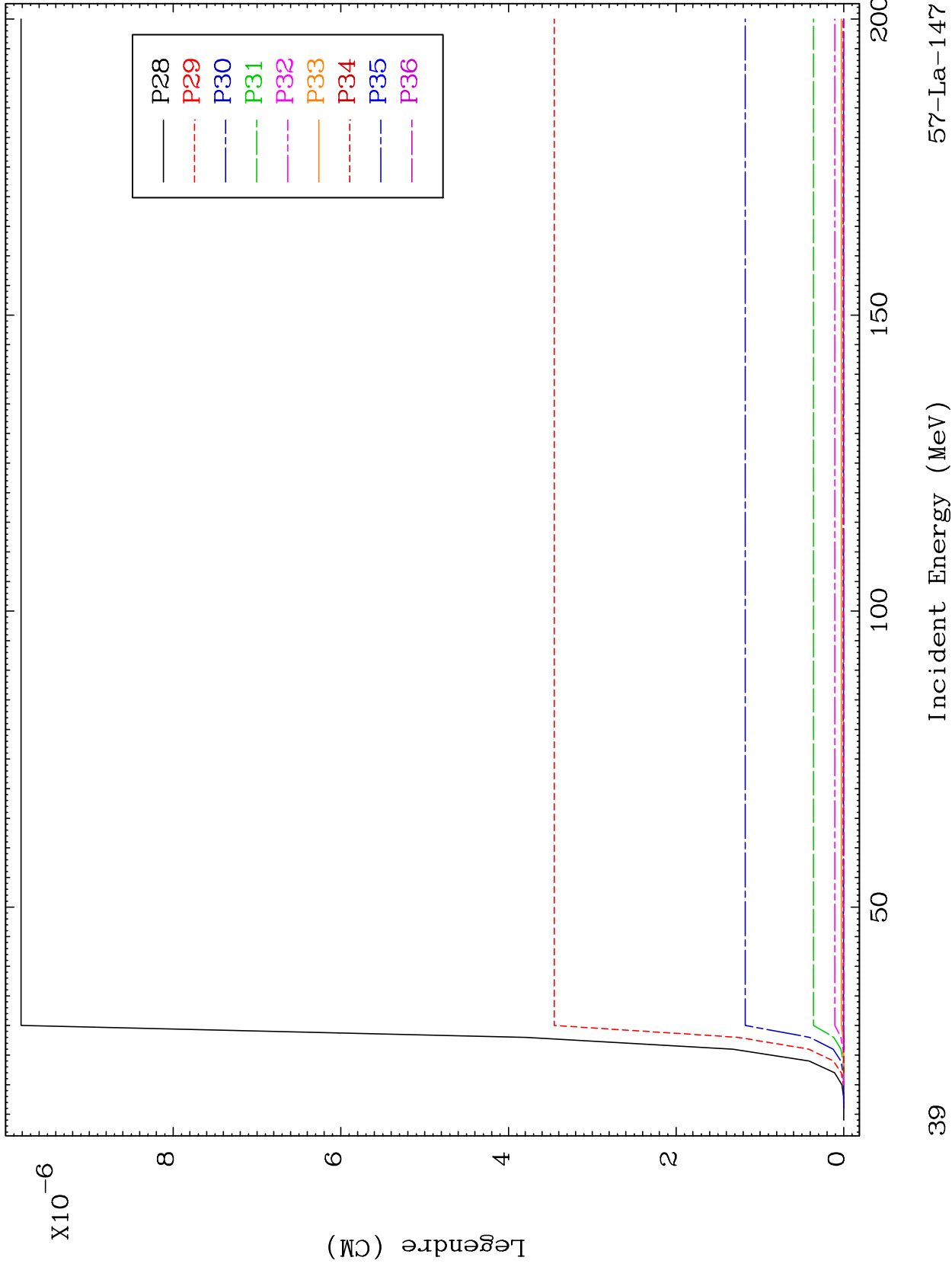
38

57-La-147

MAT 5752

211.9 keV (n, n') Level
Legendre Coefficients

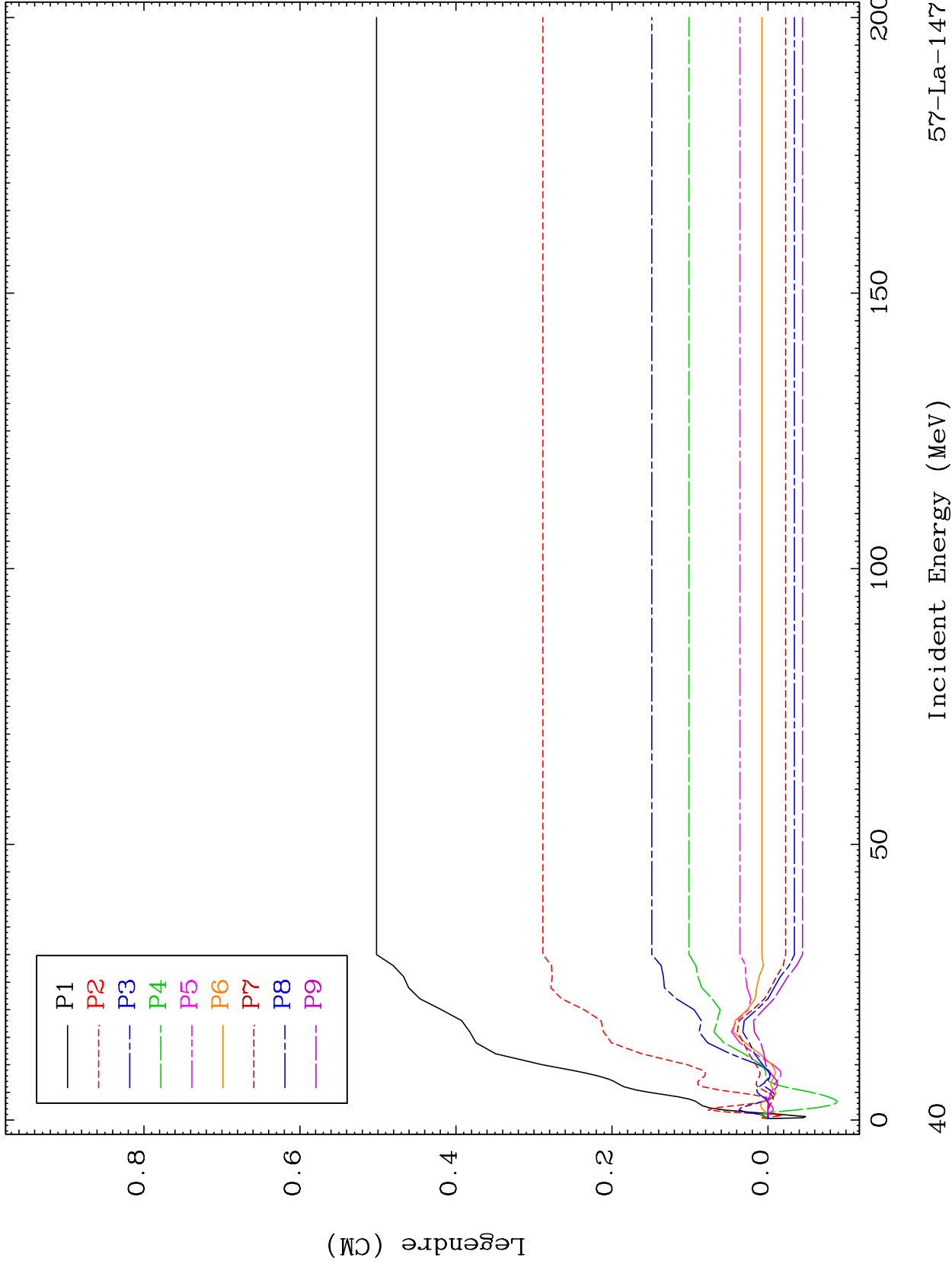
57-La-147



MAT 5752

229.7 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

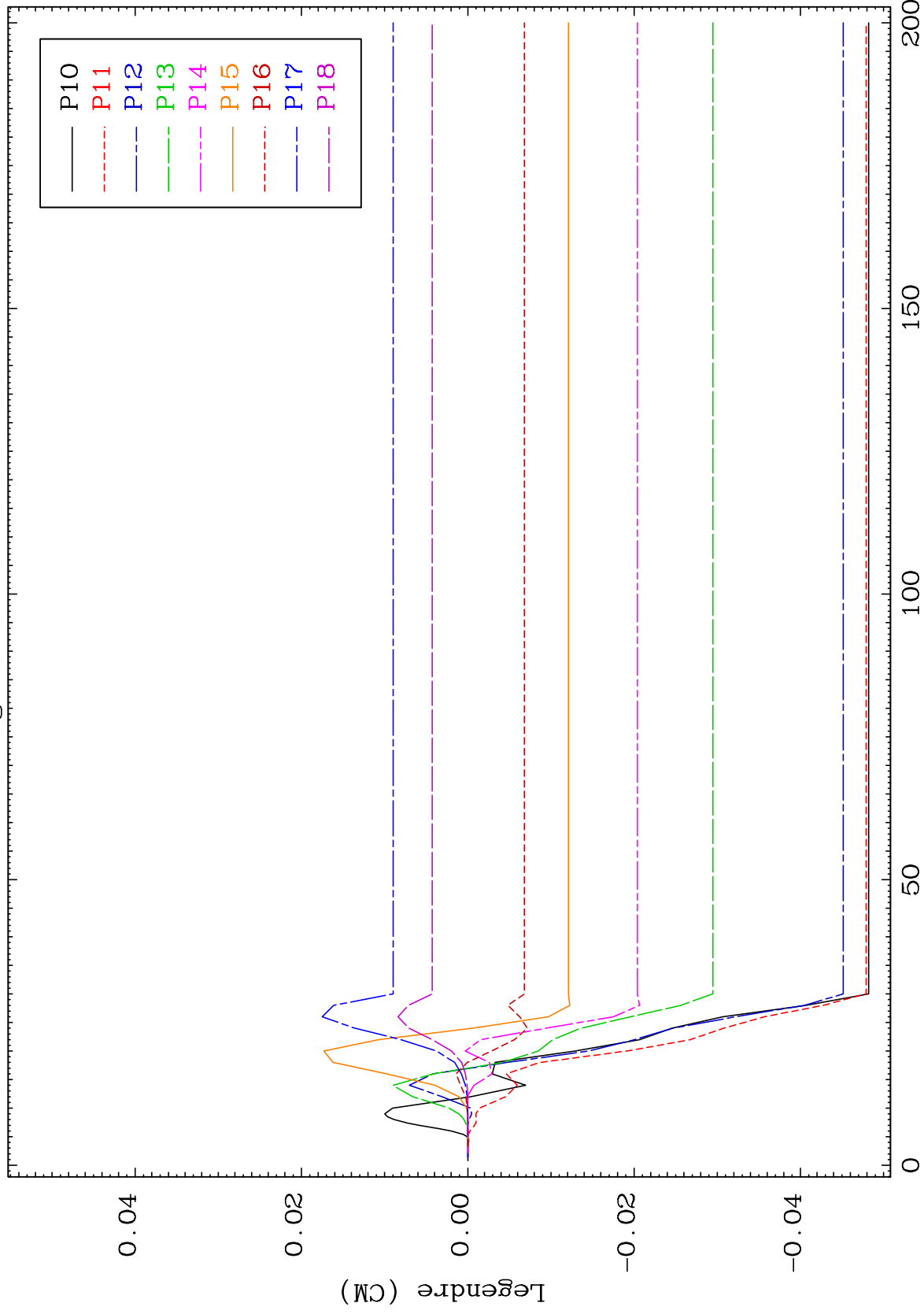
Incident Energy (MeV)

40

MAT 5752

229.7 keV (n,n') Level
Legendre Coefficients

57-La-147



41

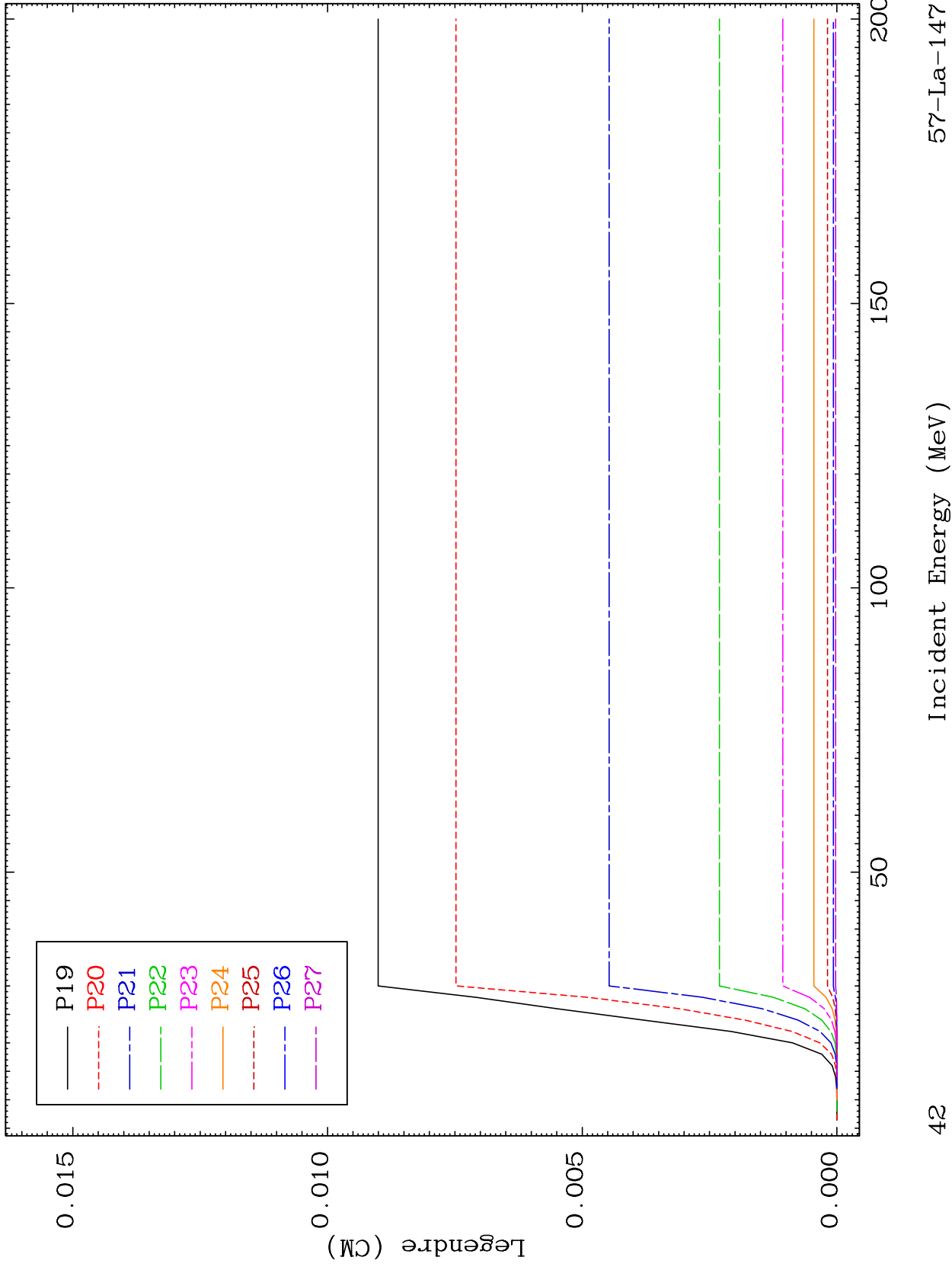
Incident Energy (MeV)

57-La-147

MAT 5752

229.7 keV (n,n') Level
Legendre Coefficients

57-La-147



42

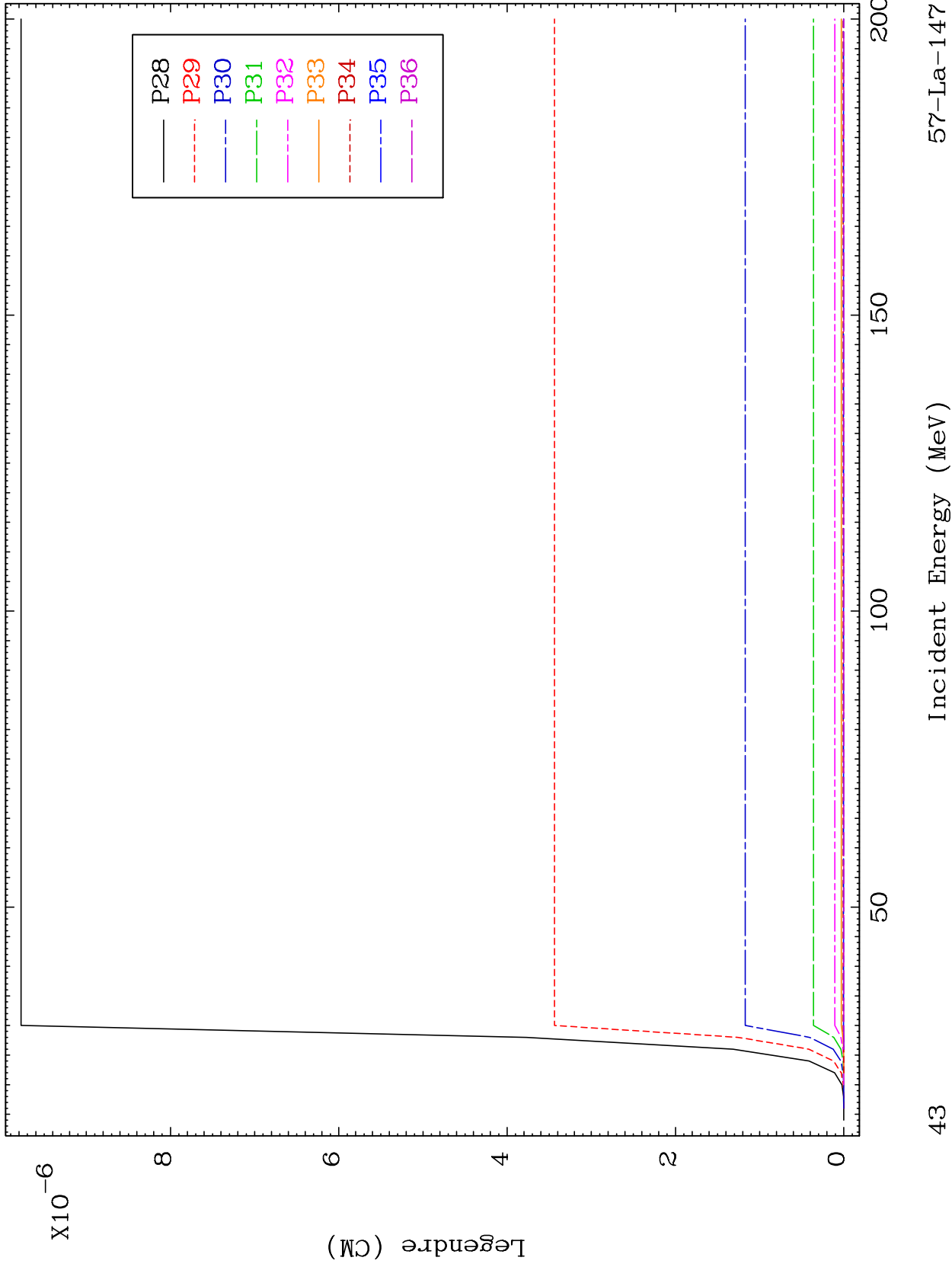
Incident Energy (MeV)

57-La-147

MAT 5752

229.7 keV (n,n') Level
Legendre Coefficients

57-La-147



43

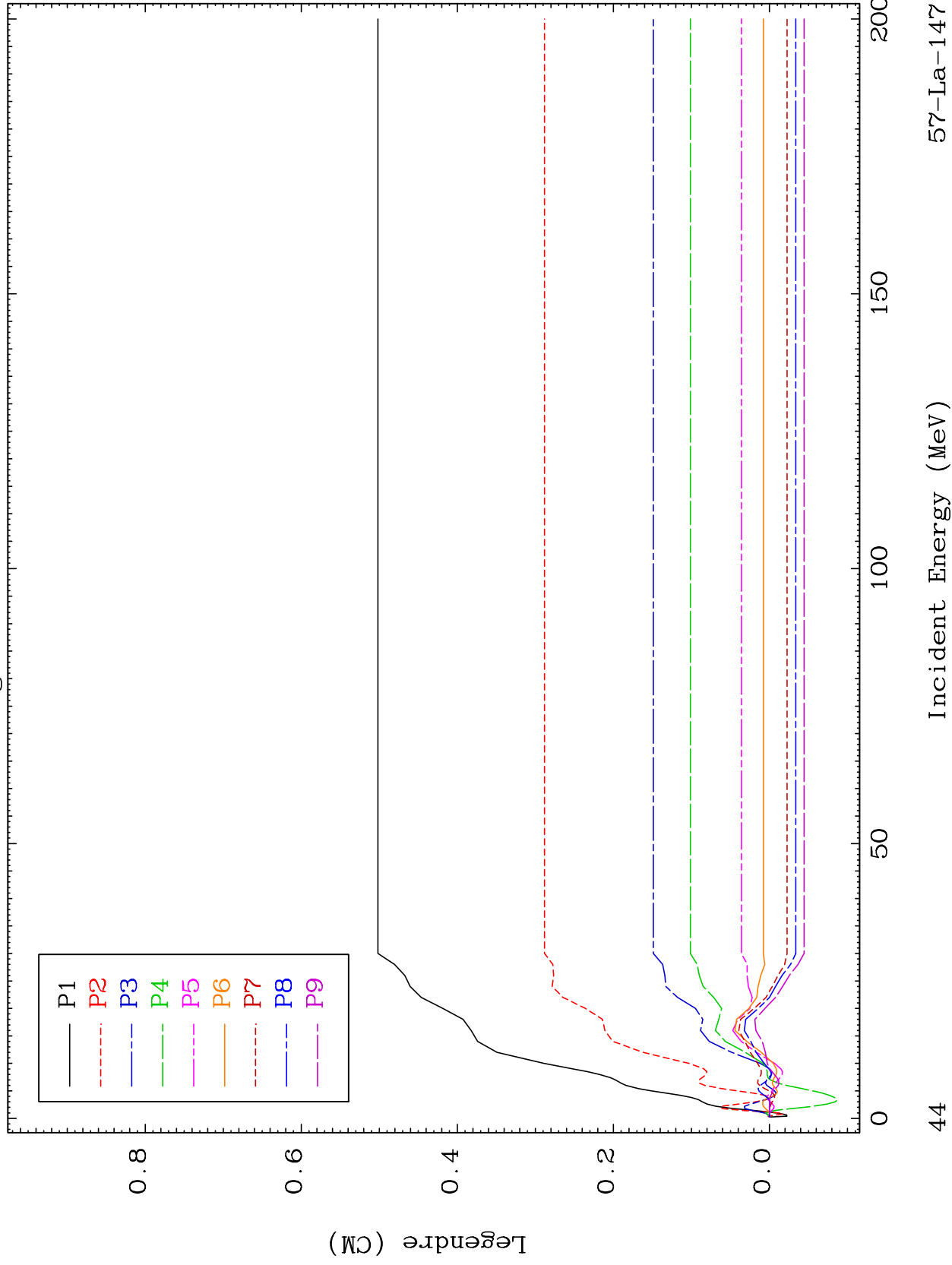
Incident Energy (MeV)

57-La-147

MAT 5752

232.8 keV (n,n') Level
Legendre Coefficients

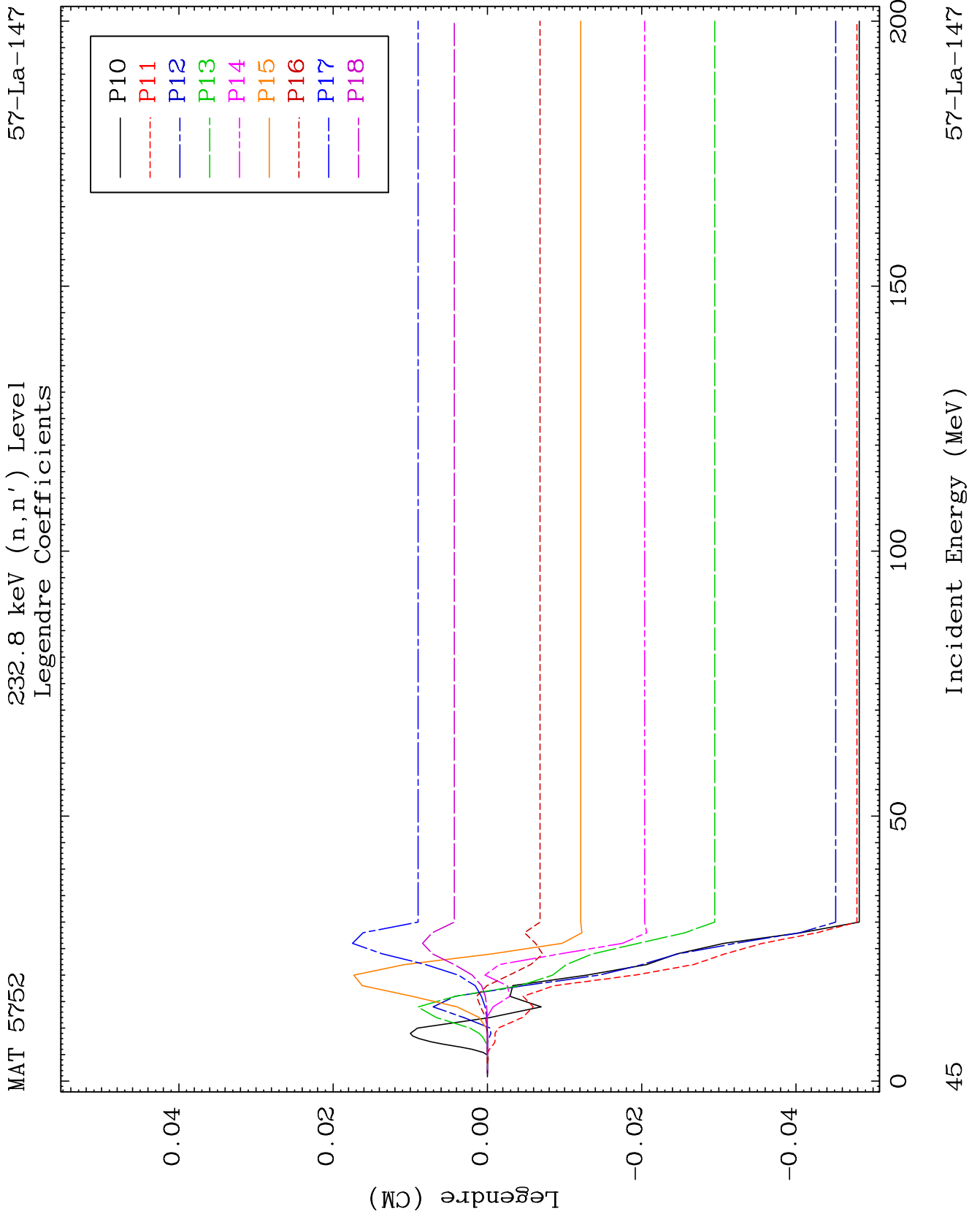
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57-La-147

Incident Energy (MeV)

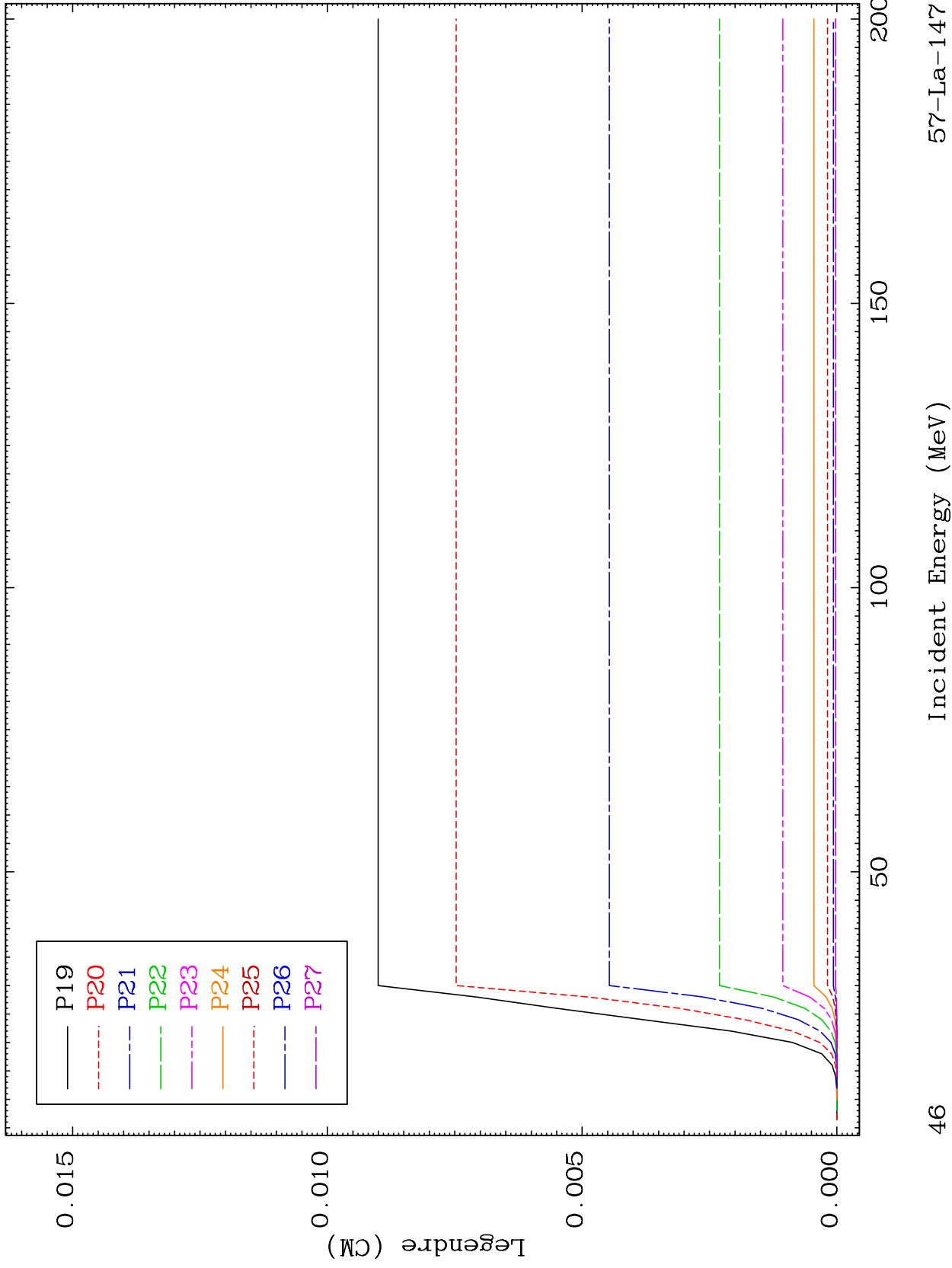
44



MAT 5752

232.8 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

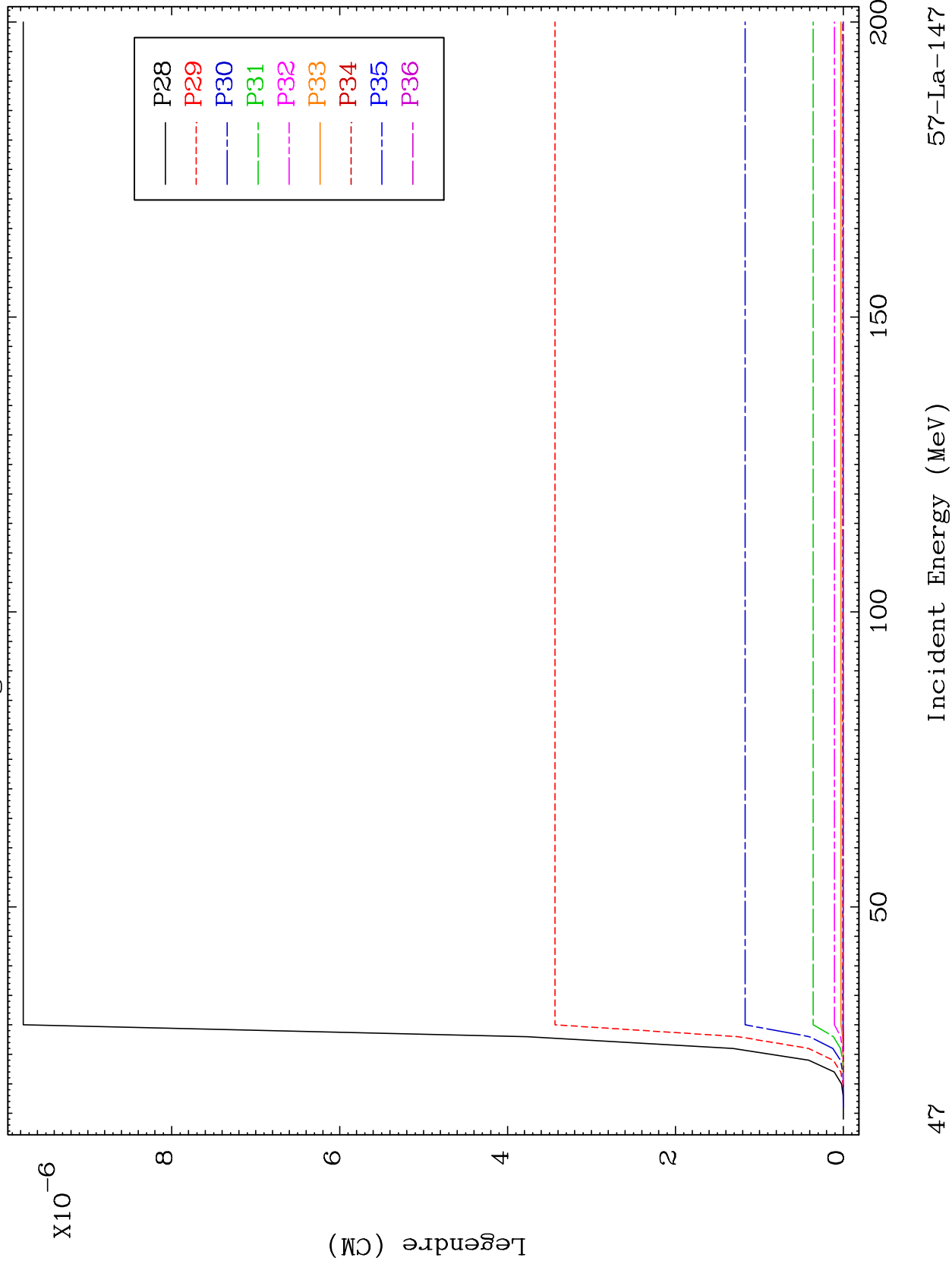
Incident Energy (MeV)

46

MAT 5752

232.8 keV (n,n') Level
Legendre Coefficients

57-La-147



47

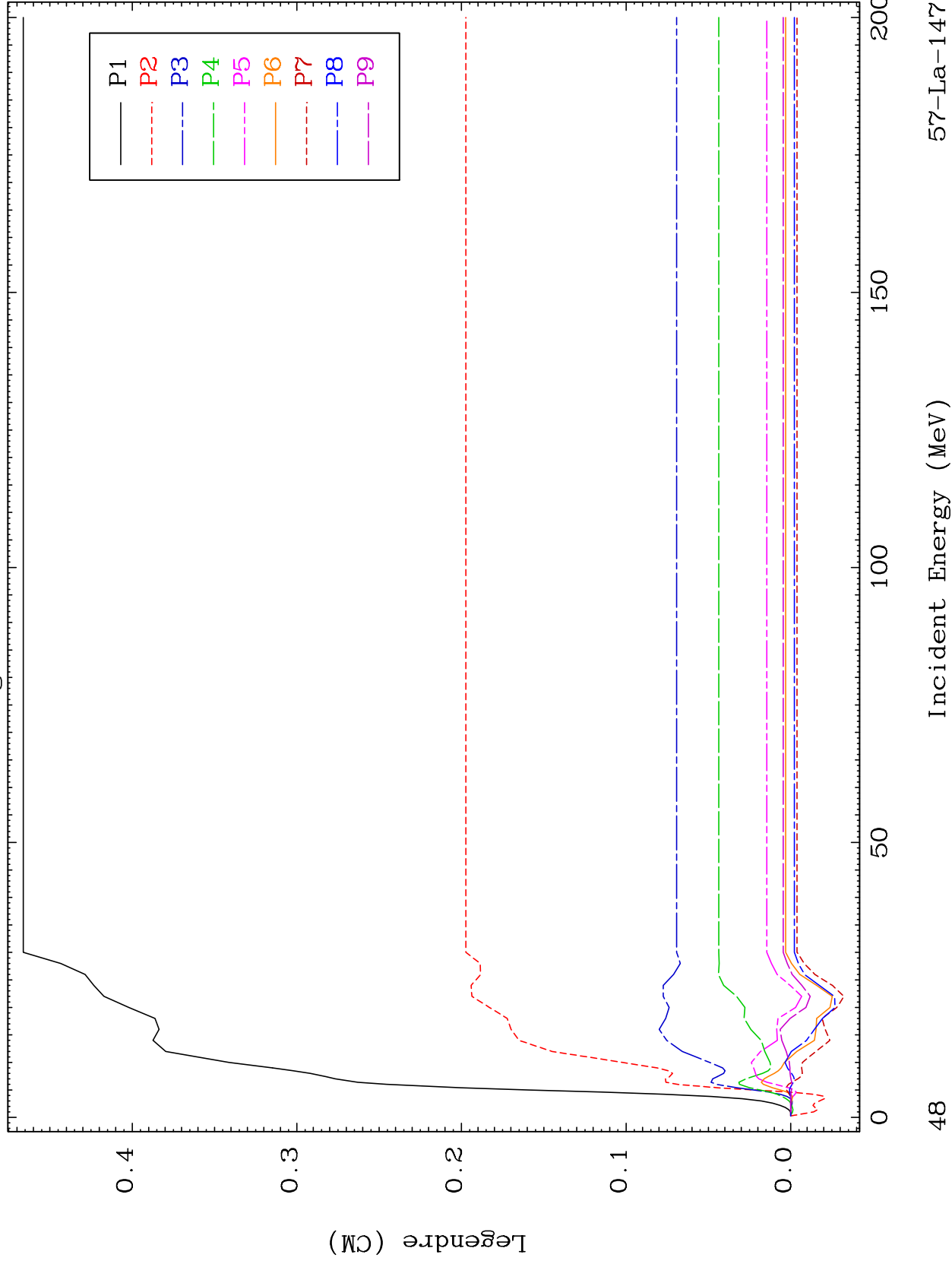
Incident Energy (MeV)

57-La-147

MAT 5752

252.3 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

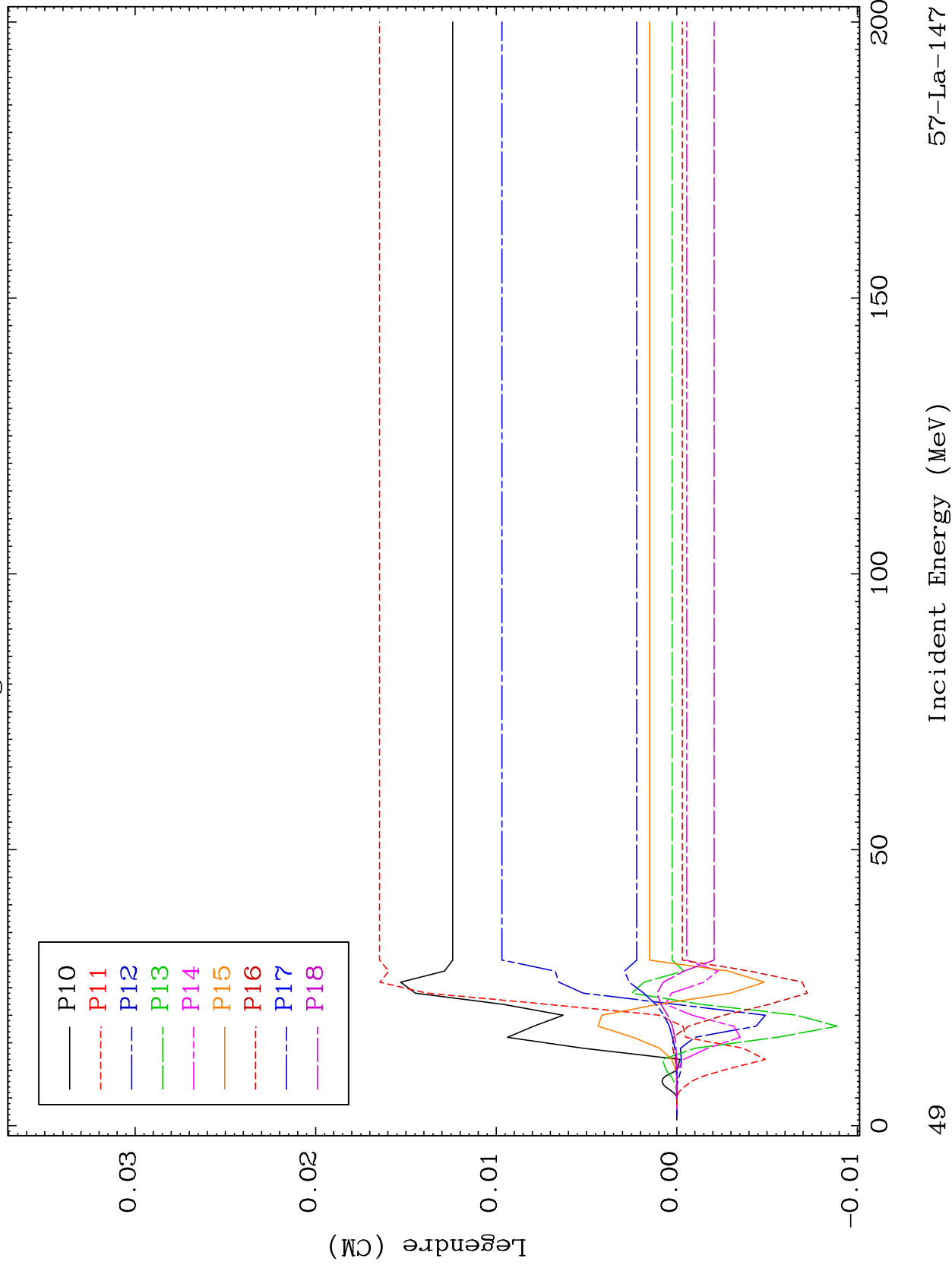
Incident Energy (MeV)

48

MAT 5752

252.3 keV (n, n') Level
Legendre Coefficients

57-La-147



57-La-147

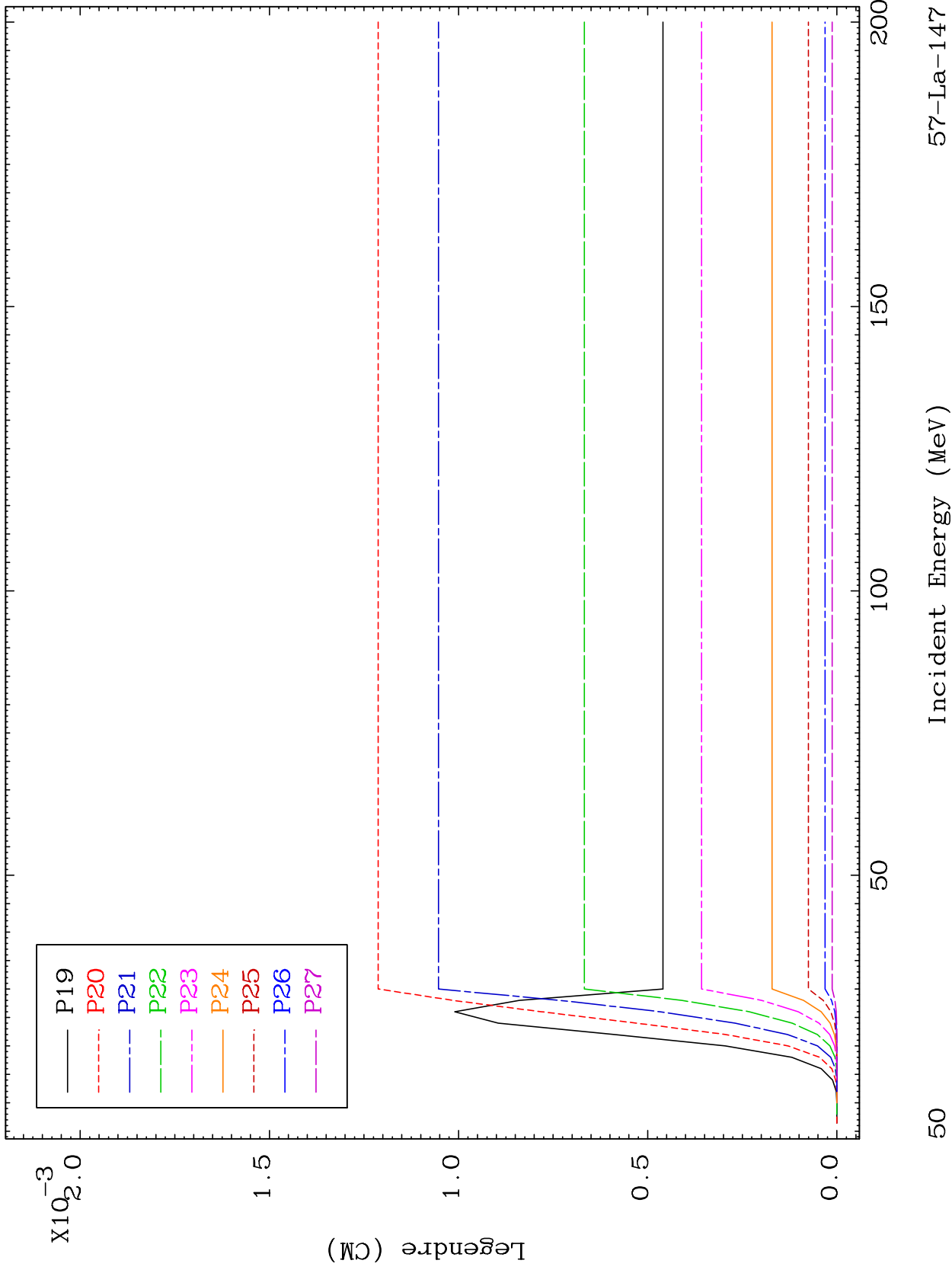
Incident Energy (MeV)

49

MAT 5752

252.3 keV (n,n') Level
Legendre Coefficients

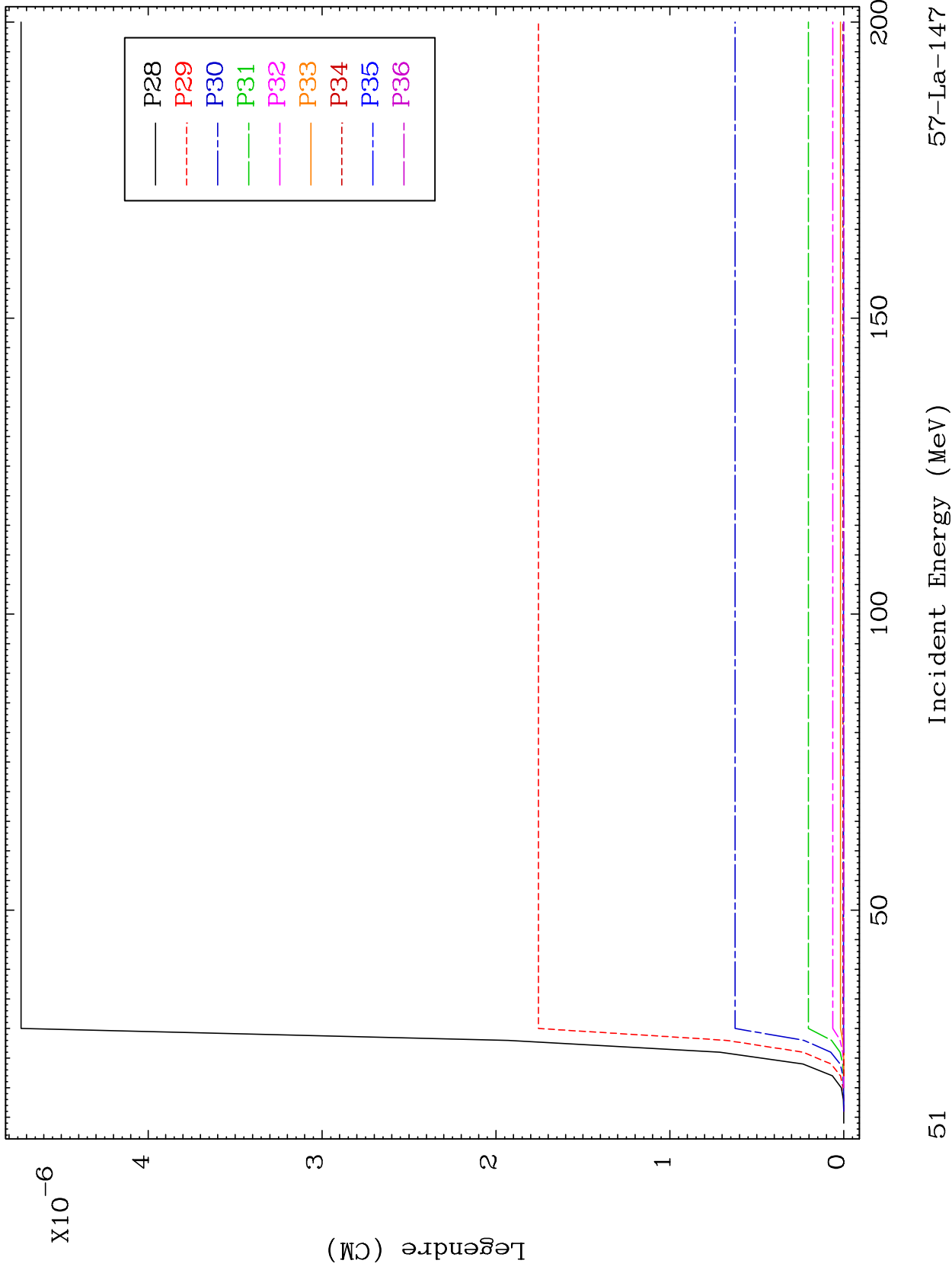
57-La-147



MAT 5752

252.3 keV (n, n') Level
Legendre Coefficients

57-La-147



51

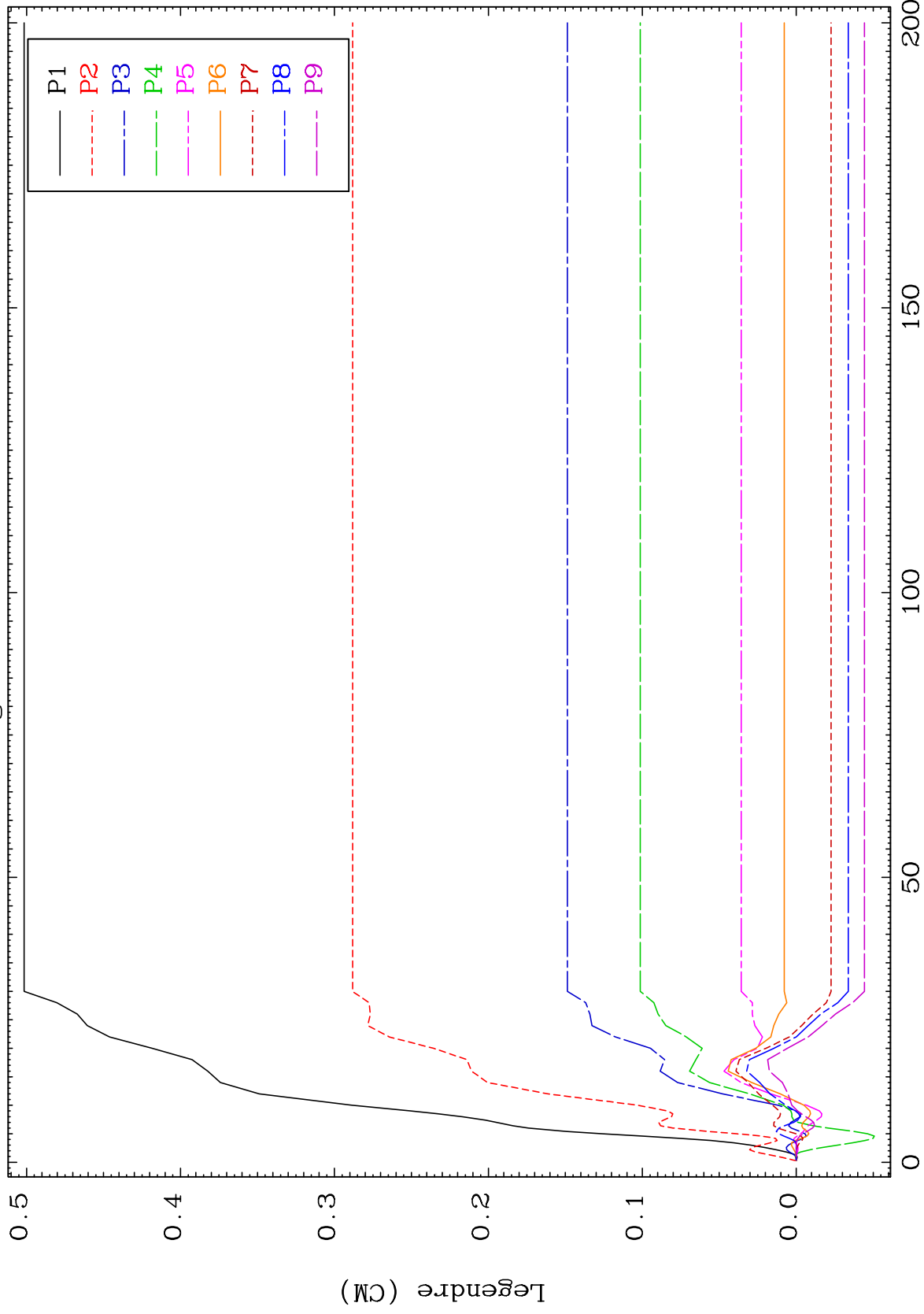
Incident Energy (MeV)

57-La-147

MAT 5752

265.0 keV (n,n') Level
Legendre Coefficients

57-La-147



52

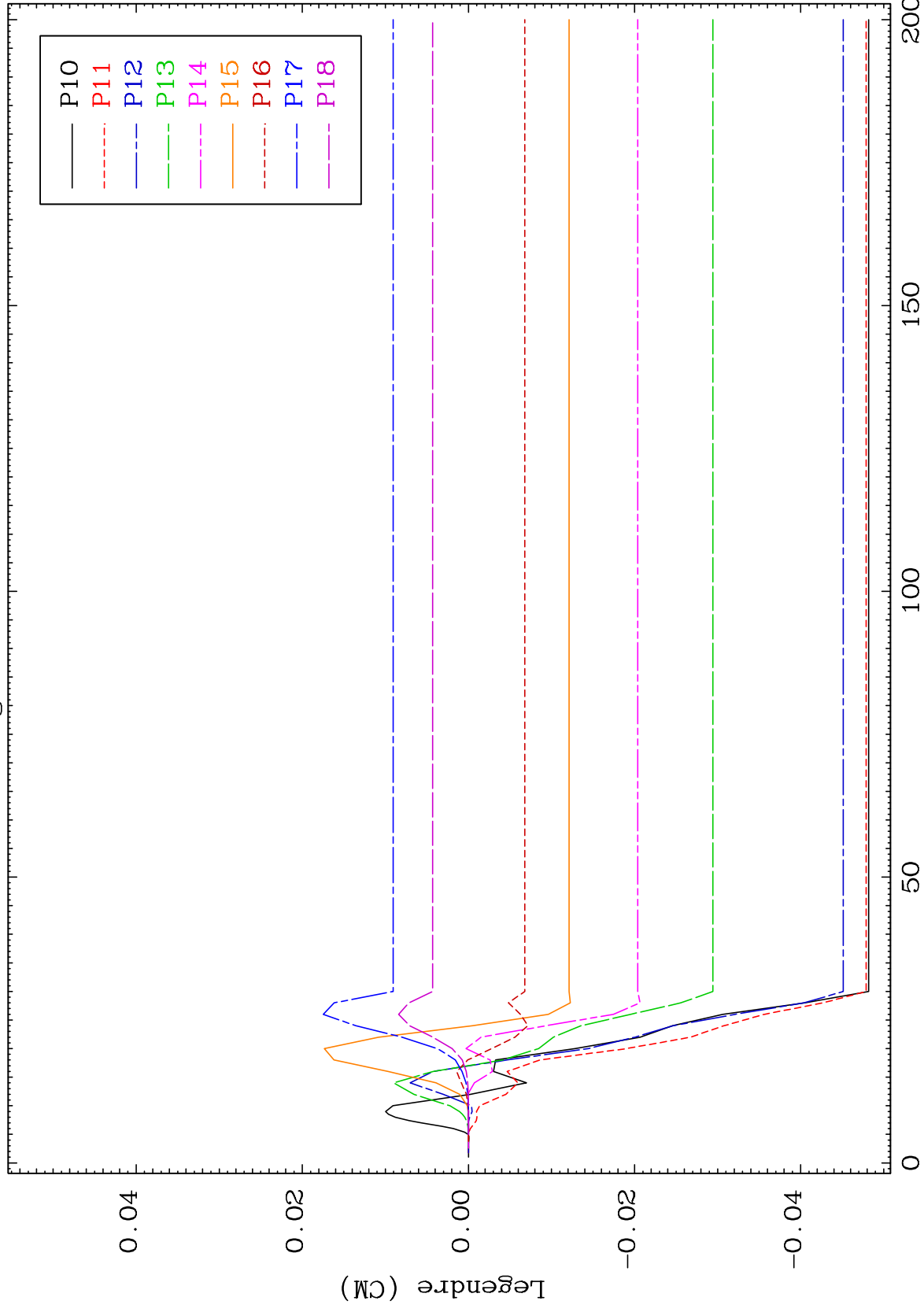
Incident Energy (MeV)

57-La-147

MAT 5752

265.0 keV (n,n') Level
Legendre Coefficients

57-La-147



53

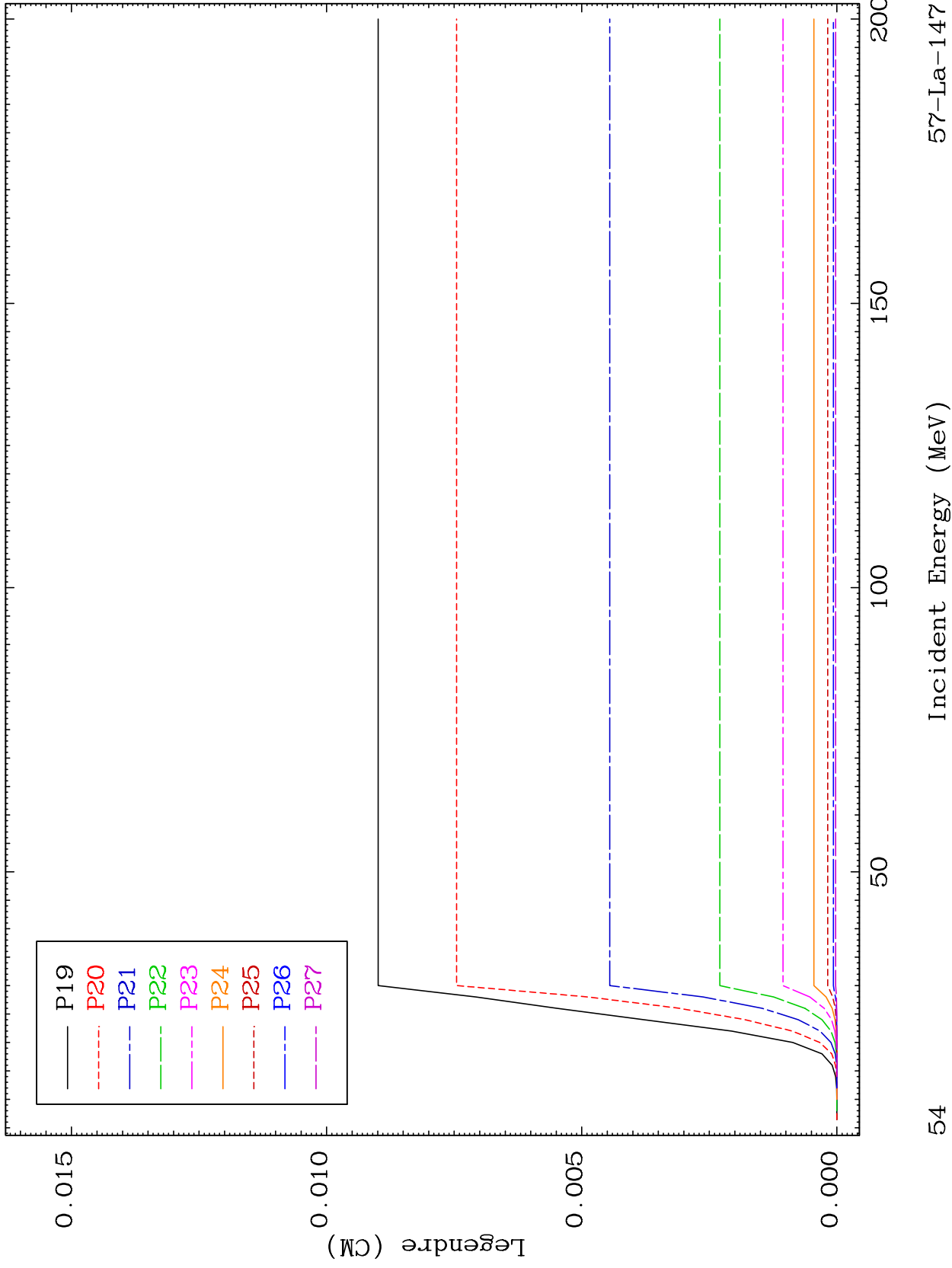
Incident Energy (MeV)

57-La-147

MAT 5752

265.0 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

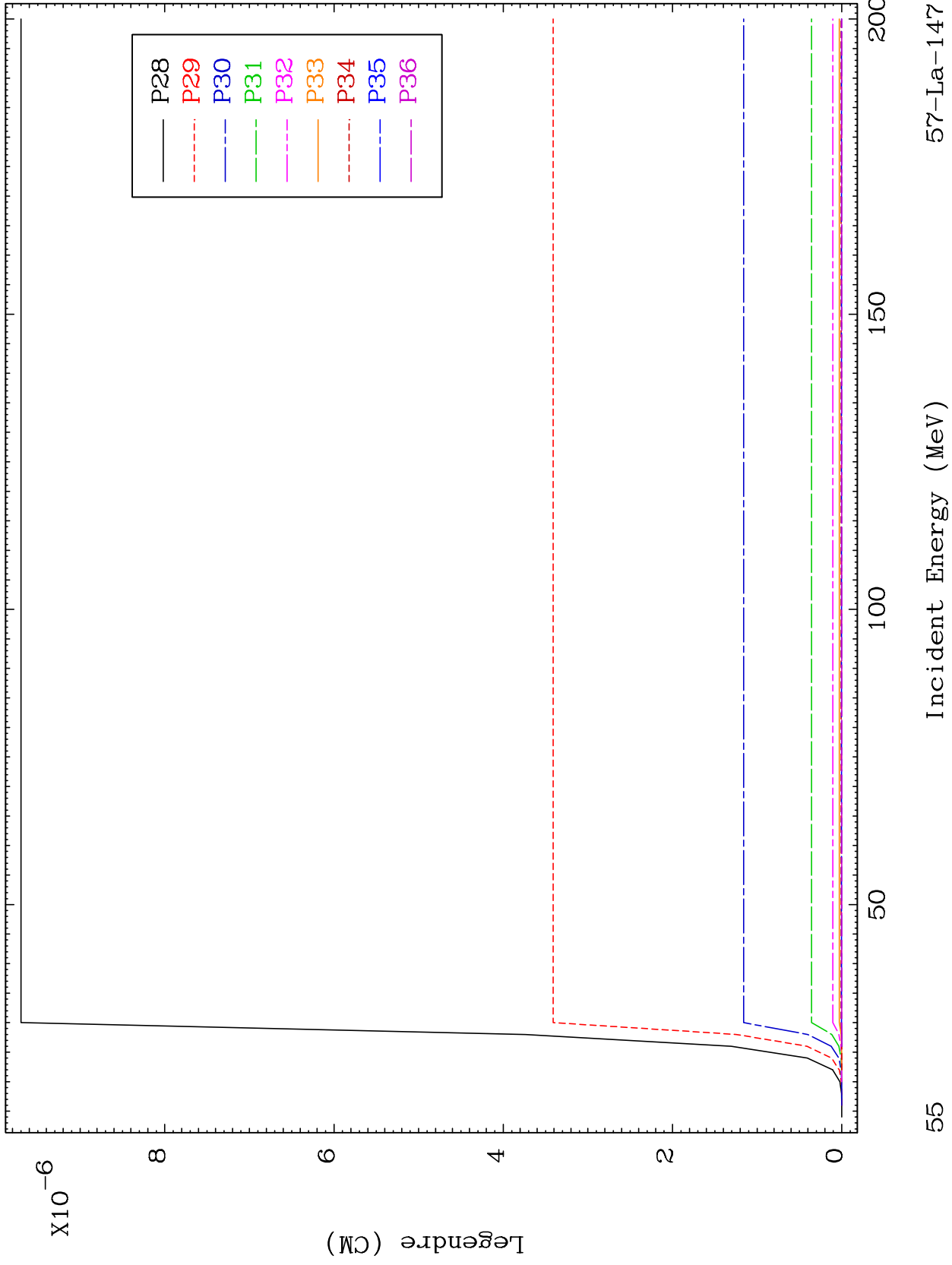
Incident Energy (MeV)

54

MAT 5752

265.0 keV (n,n') Level
Legendre Coefficients

57-La-147

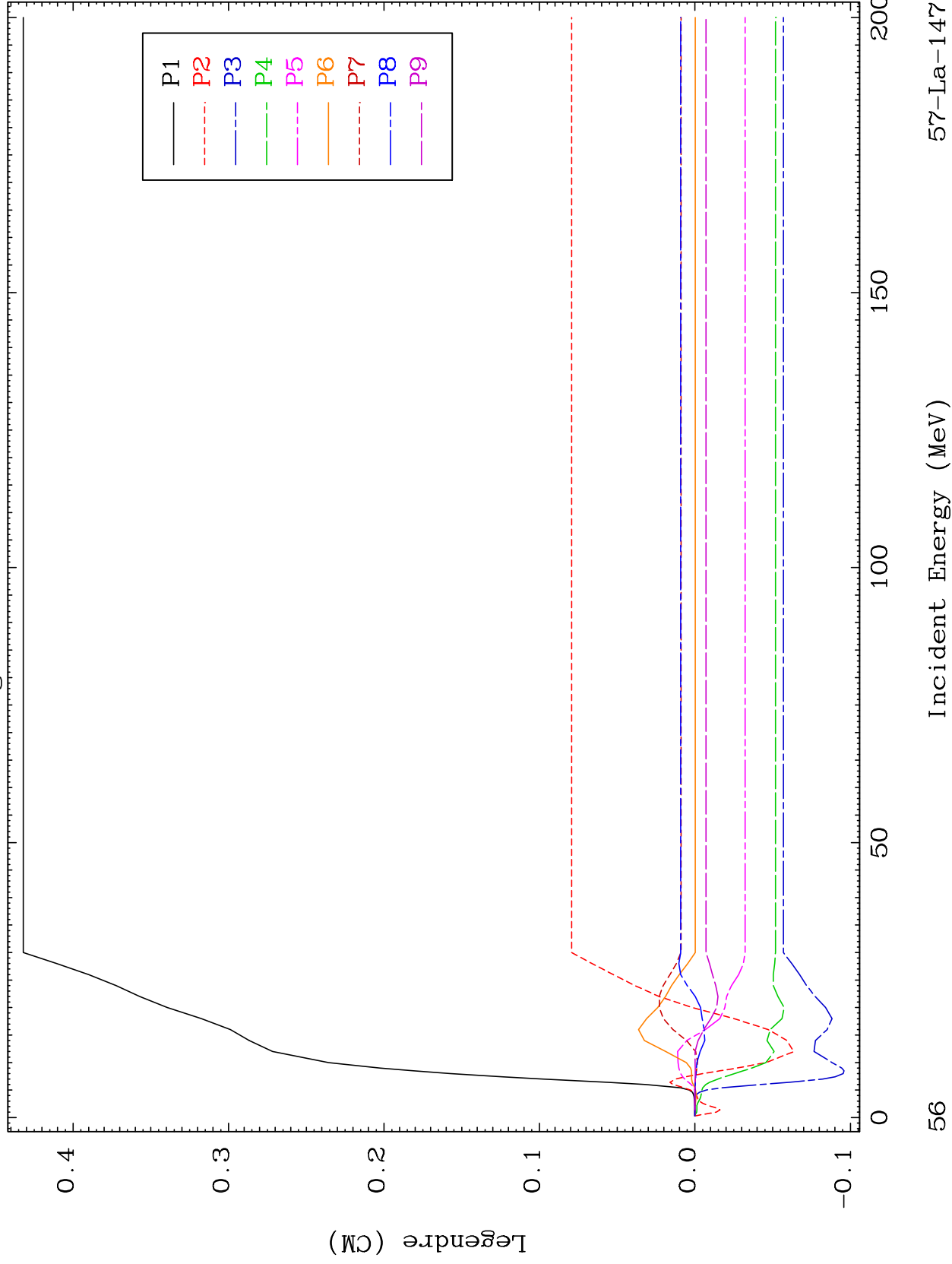


57-La-147

MAT 5752

278.5 keV (n,n') Level
Legendre Coefficients

57-La-147



56

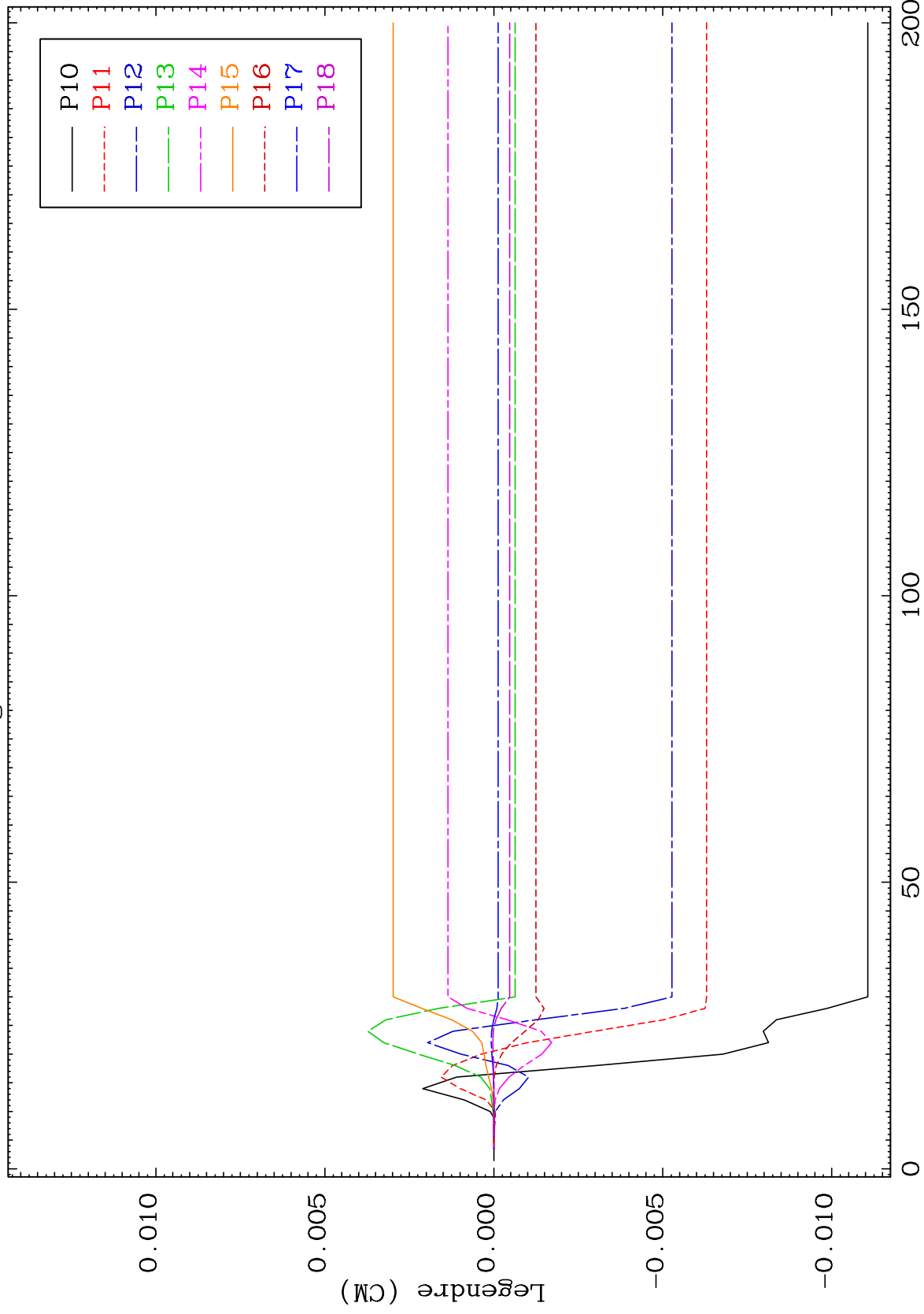
Incident Energy (MeV)

57-La-147

MAT 5752

278.5 keV (n,n') Level
Legendre Coefficients

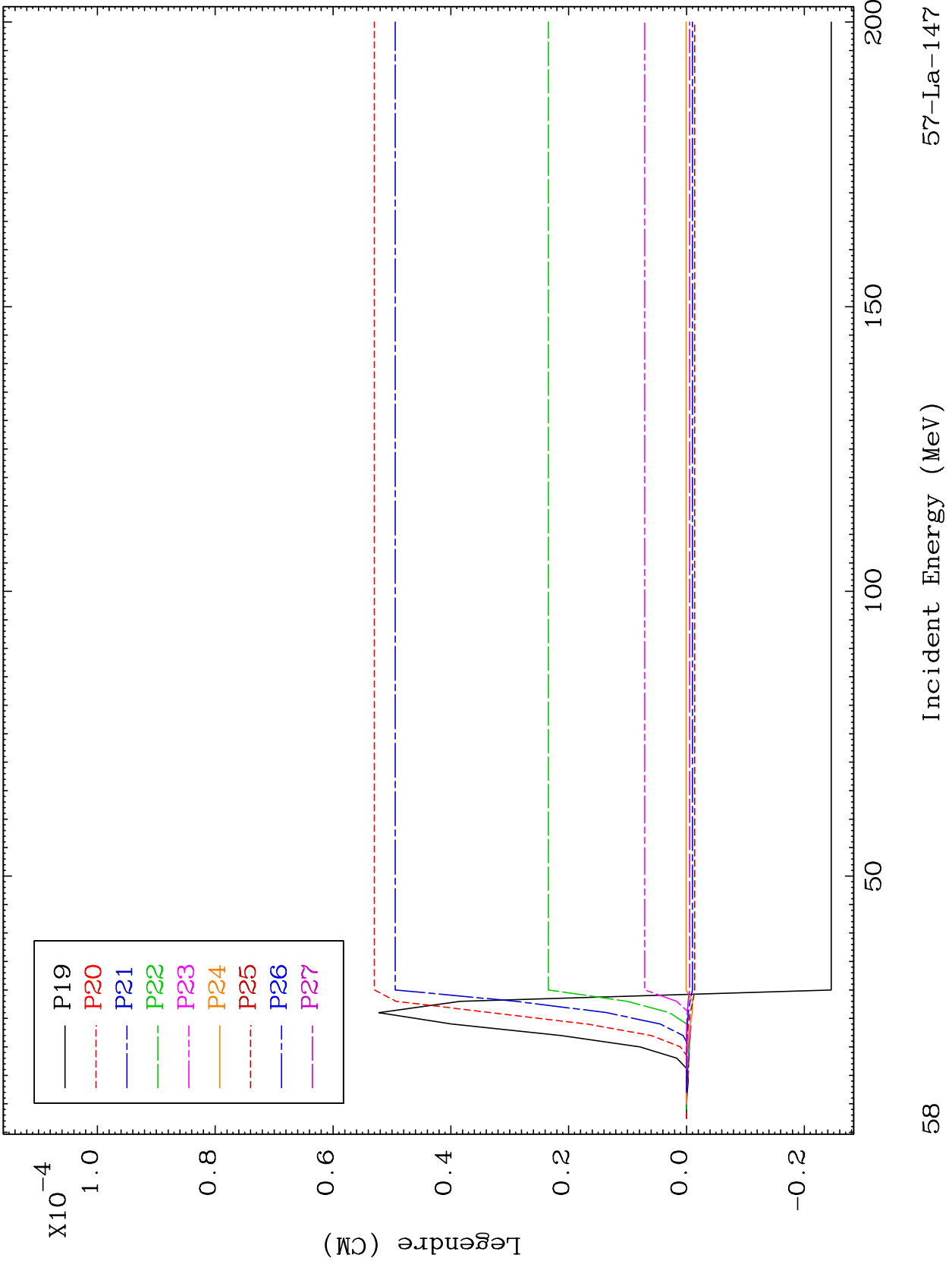
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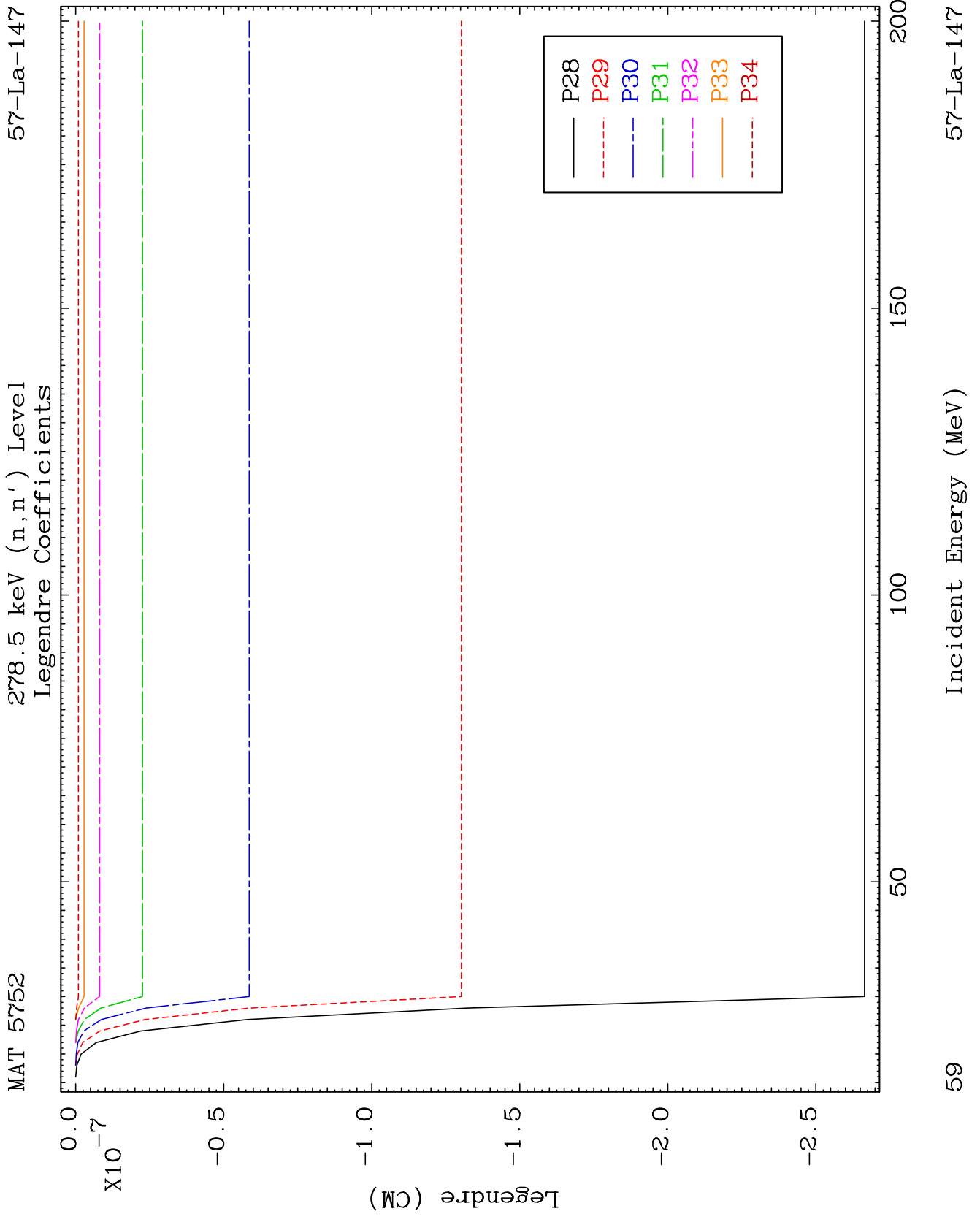


57

Incident Energy (MeV)

57-La-147

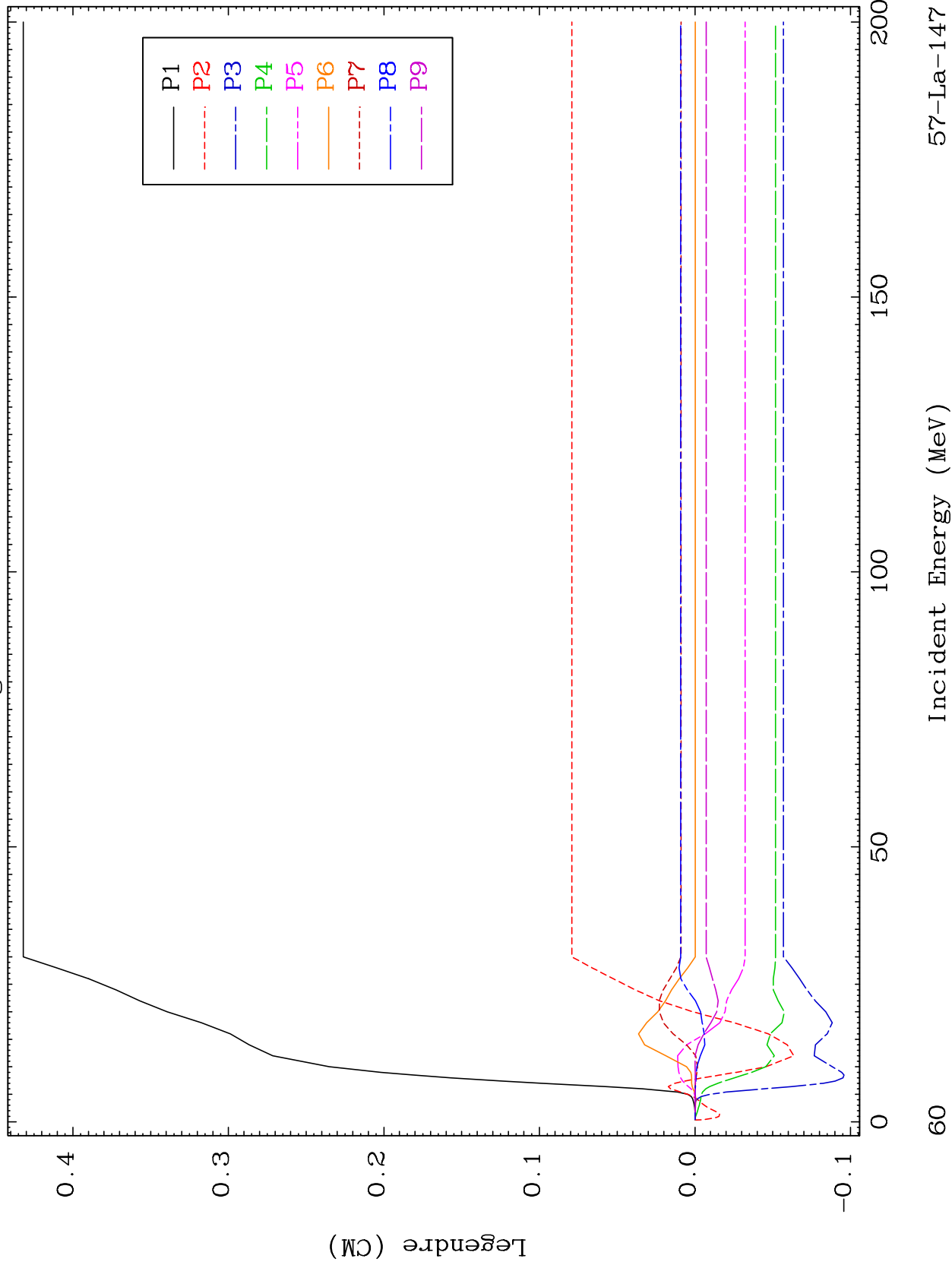




MAT 5752

307.9 keV (n,n') Level
Legendre Coefficients

57-La-147

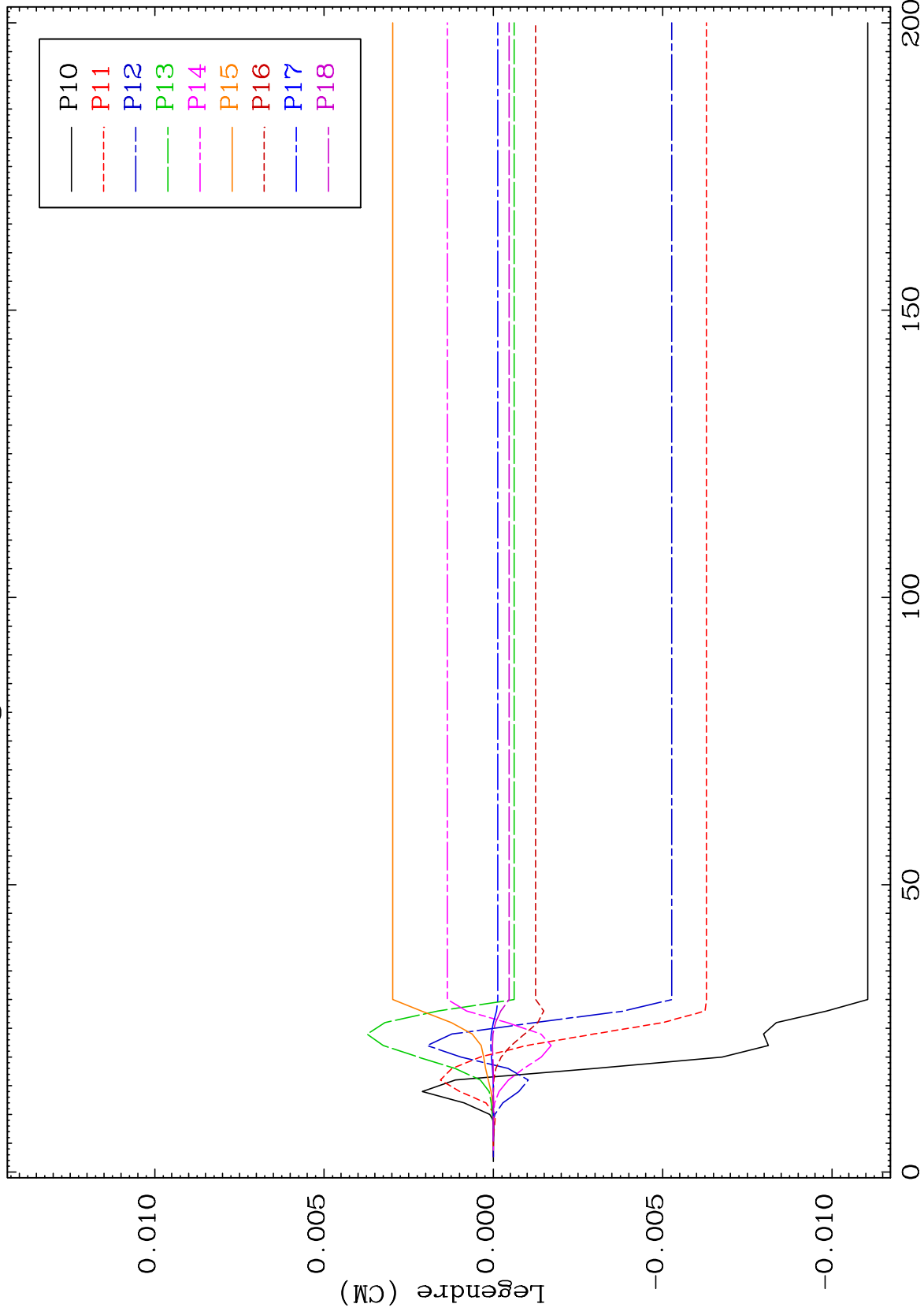


57-La-147

MAT 5752

307.9 keV (n,n') Level
Legendre Coefficients

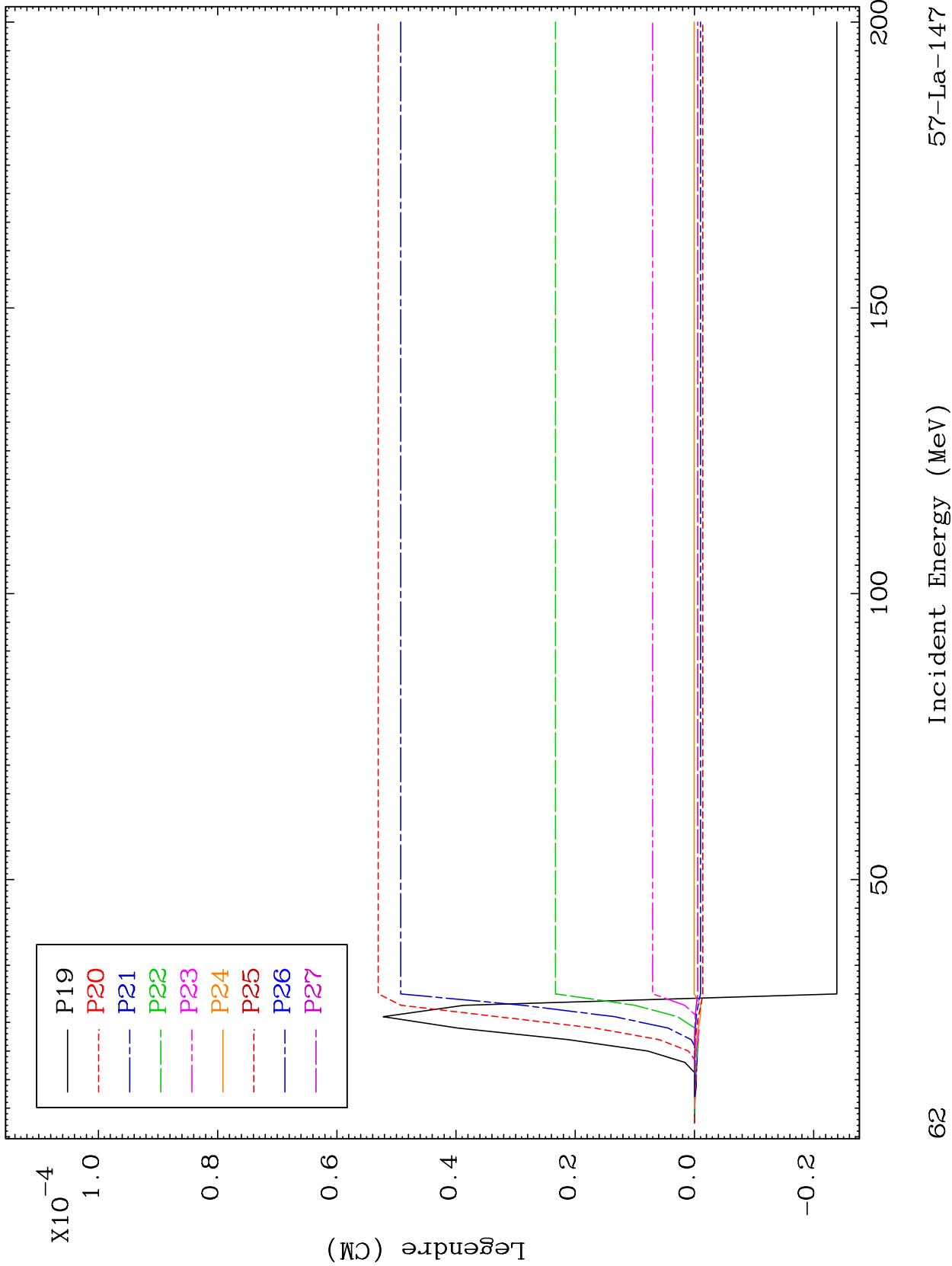
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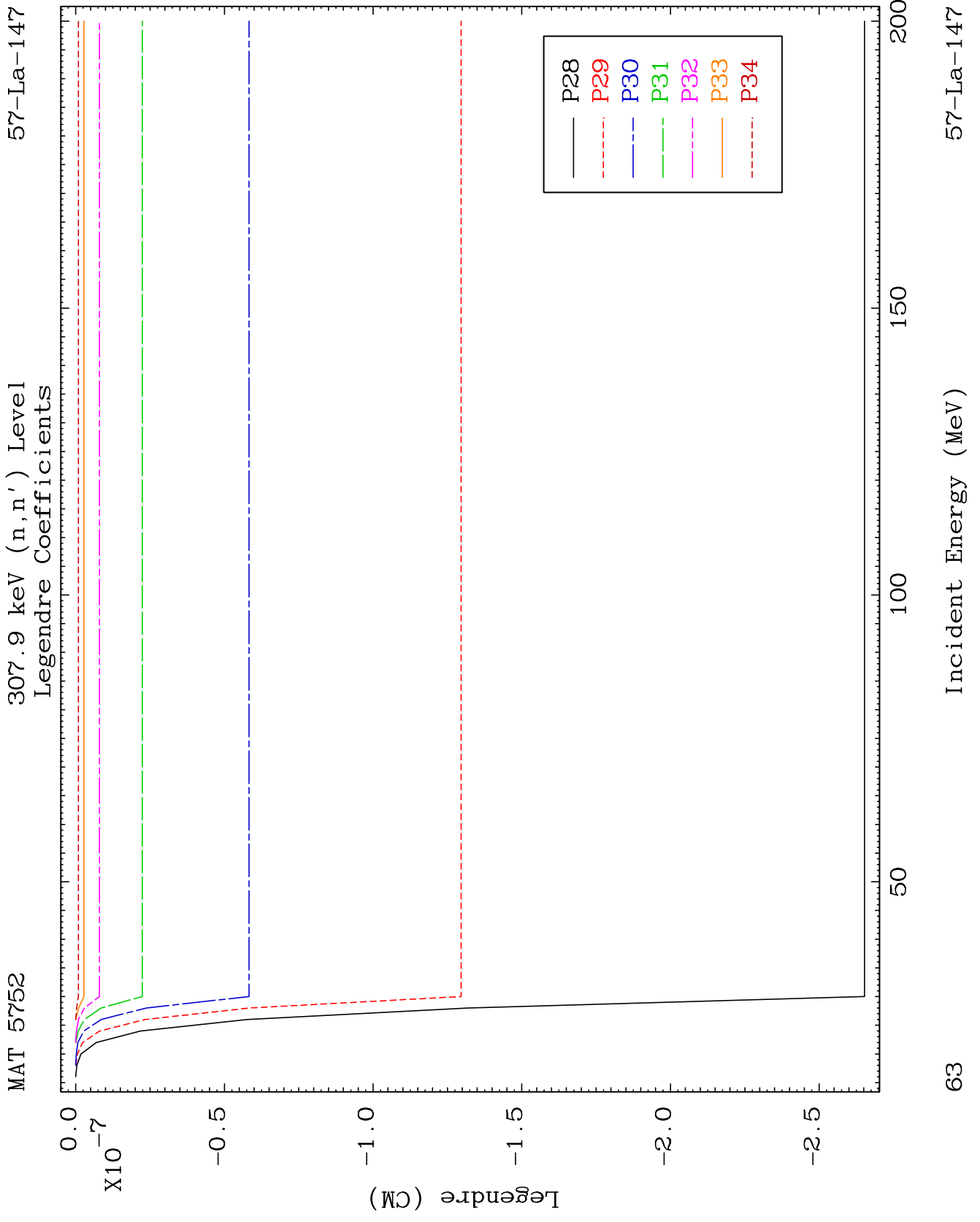


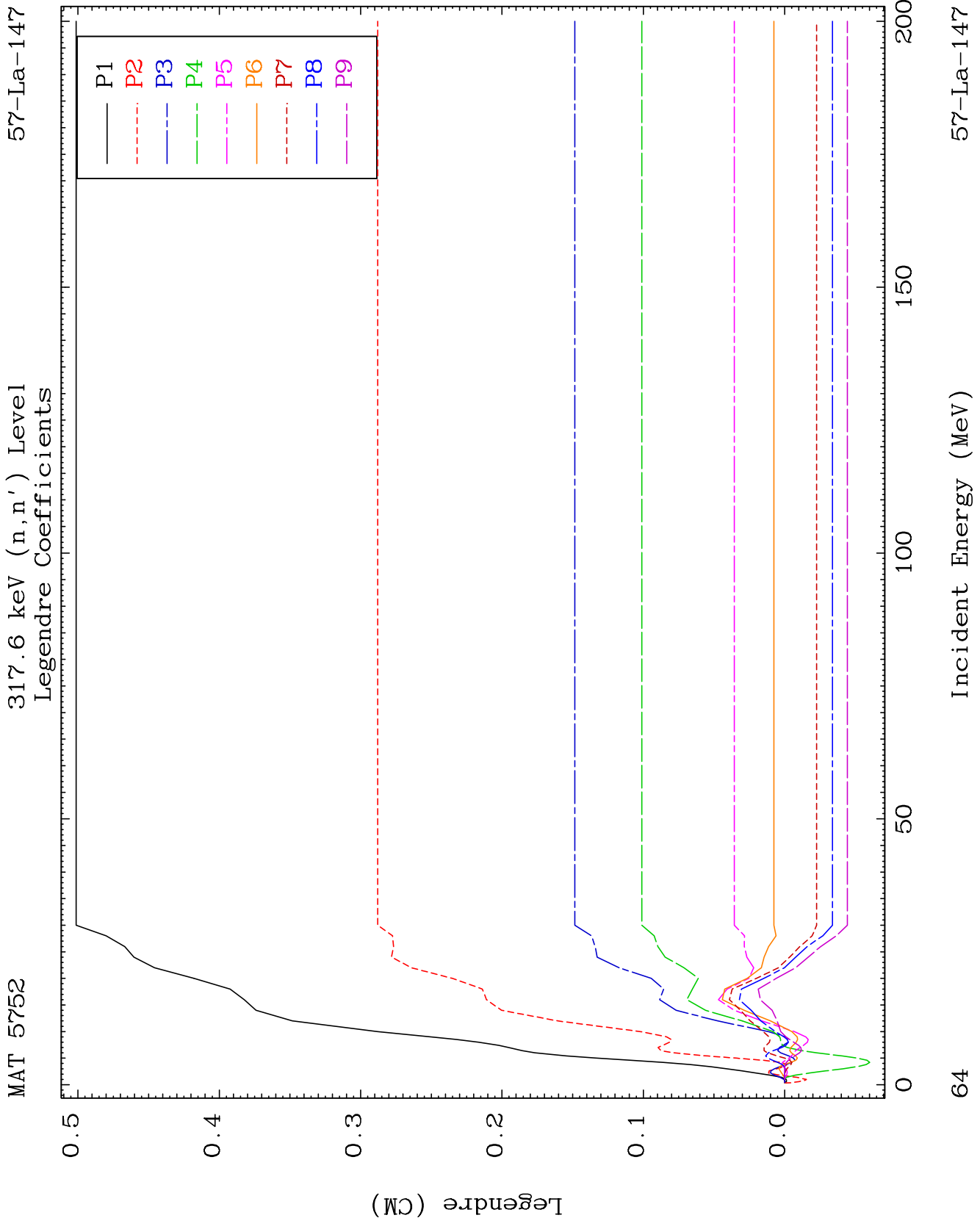
61

Incident Energy (MeV)

57-La-147



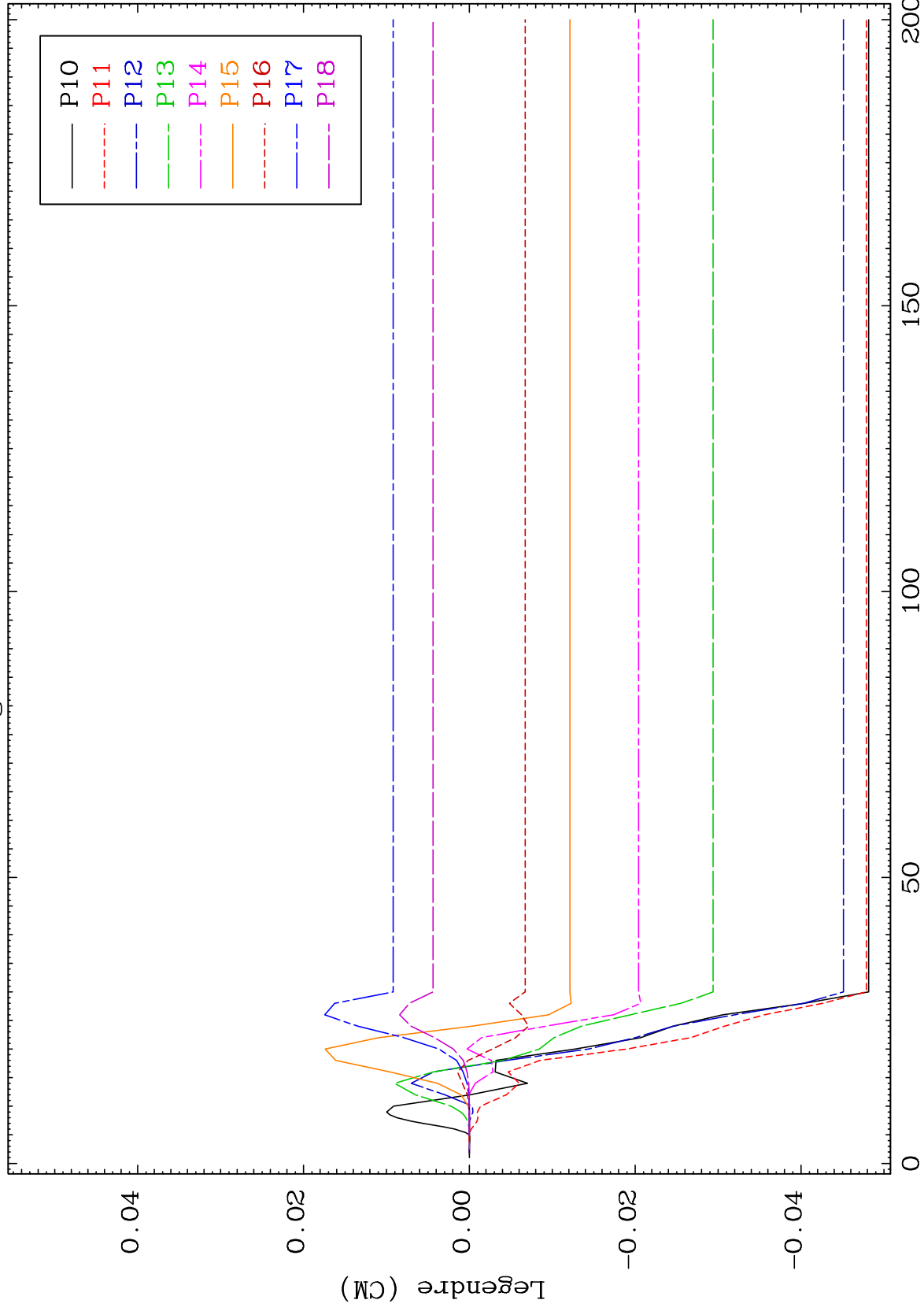




MAT 5752

317.6 keV (n,n') Level
Legendre Coefficients

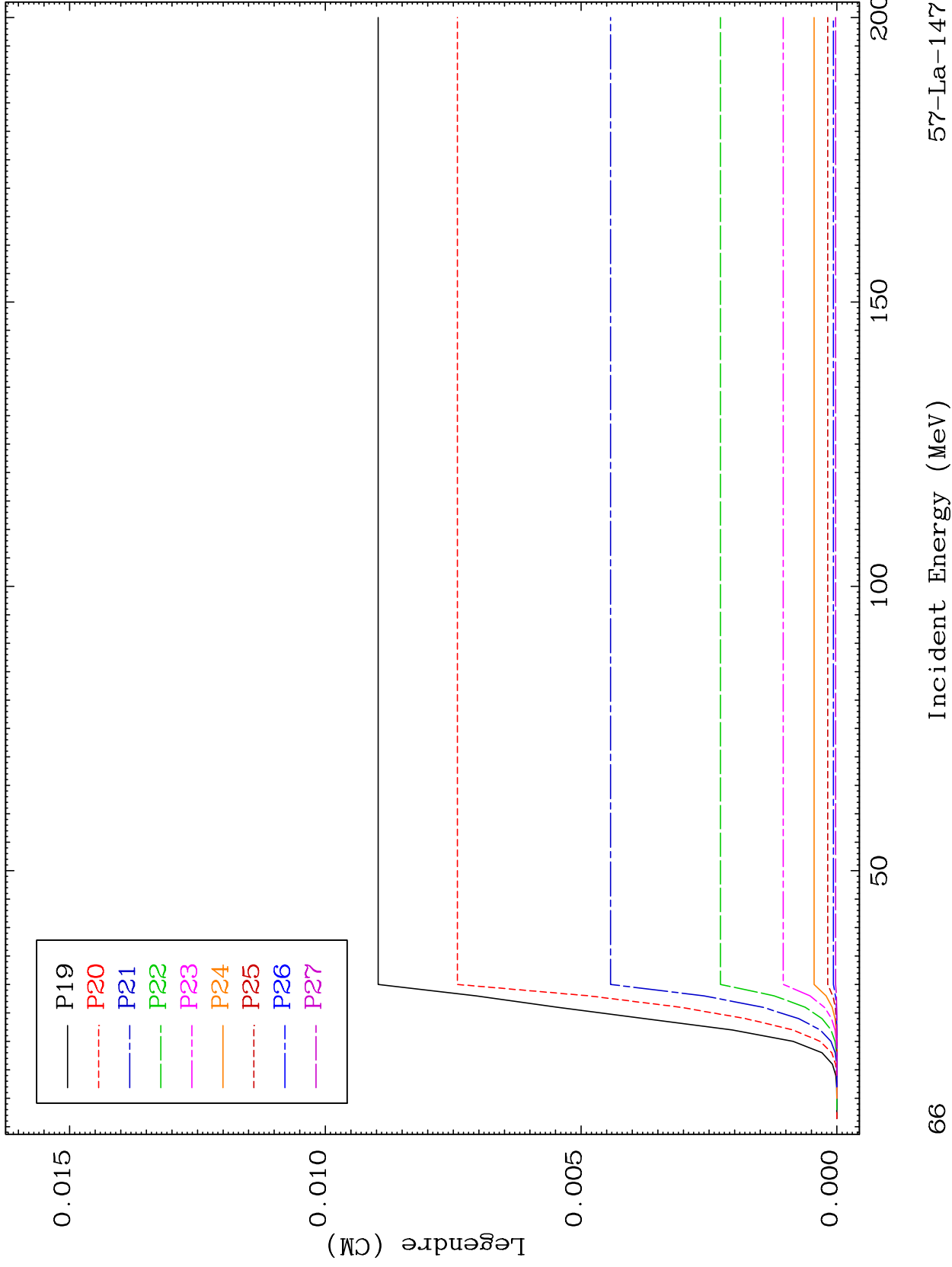
57-La-147



65

Incident Energy (MeV)

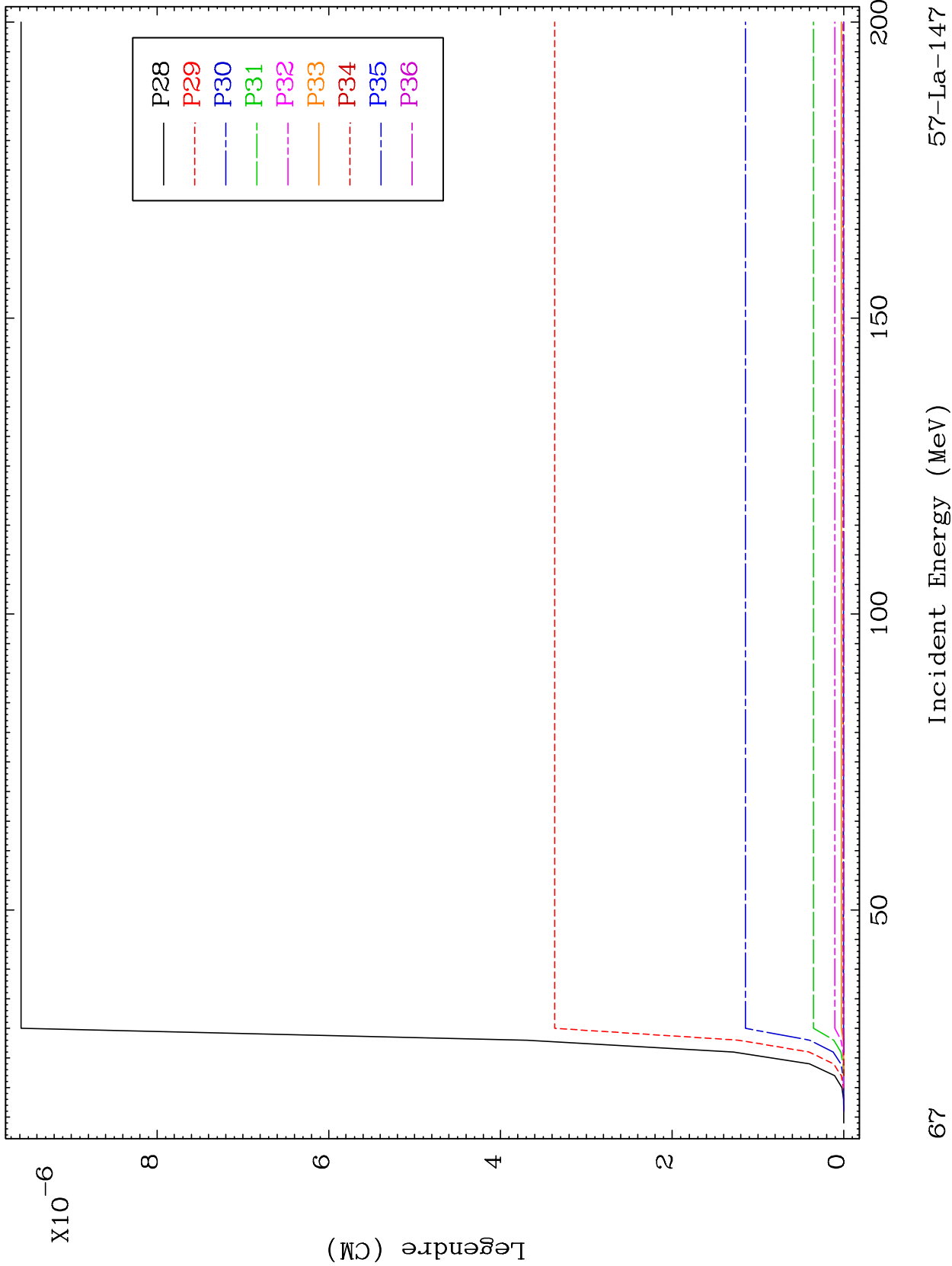
57-La-147

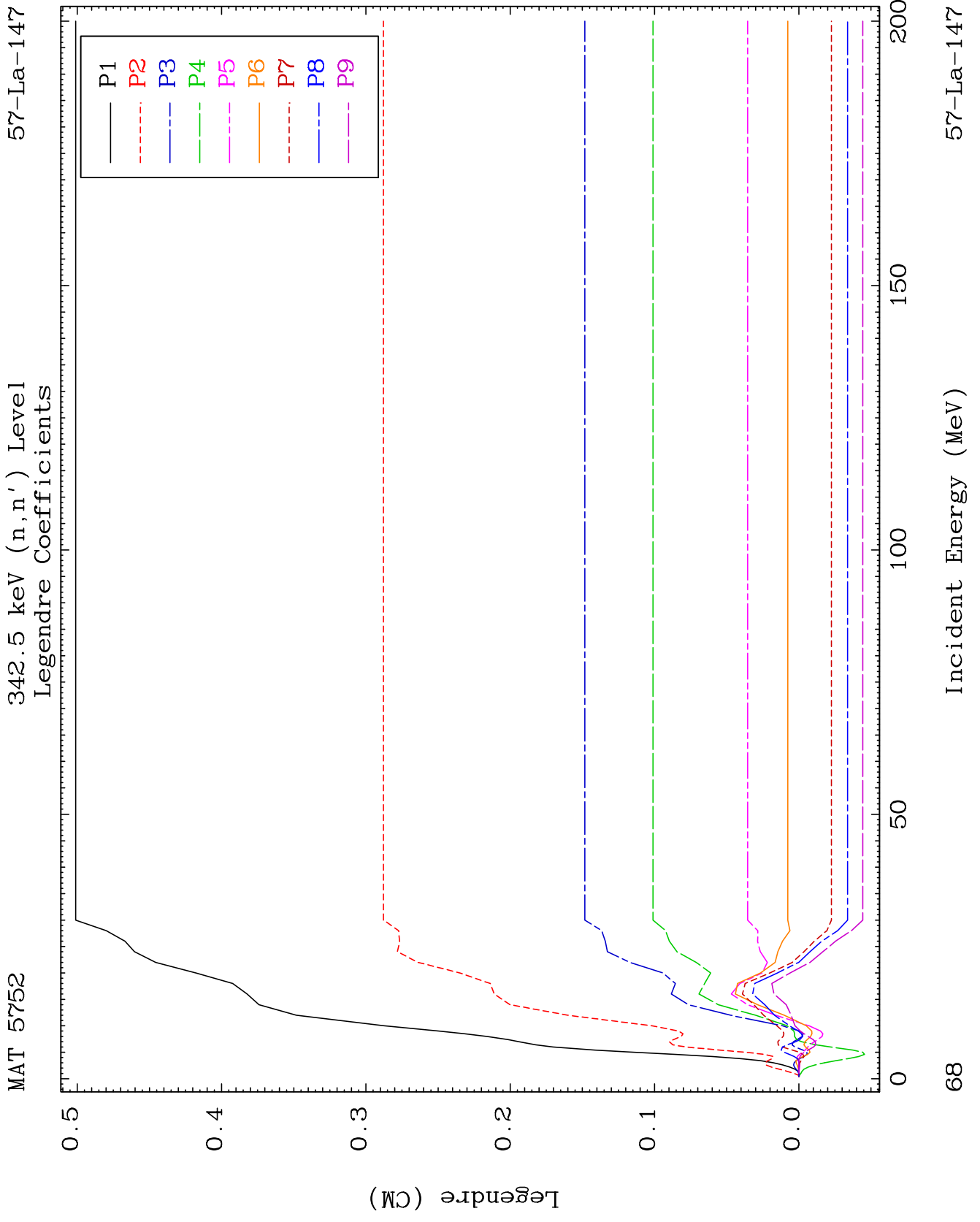


MAT 5752

317.6 keV (n, n') Level
Legendre Coefficients

57-La-147

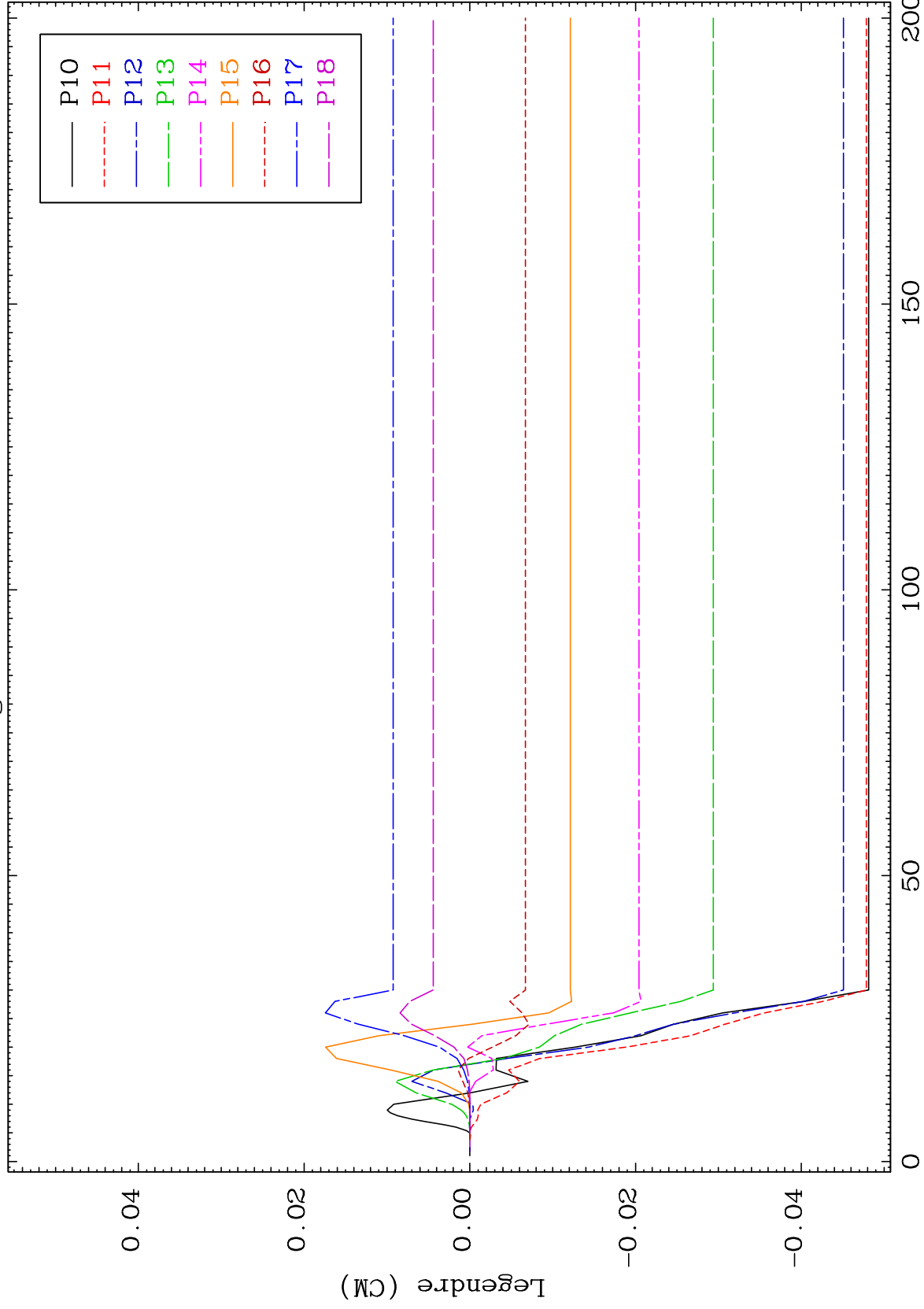




MAT 5752

342.5 keV (n,n') Level
Legendre Coefficients

57-La-147



69

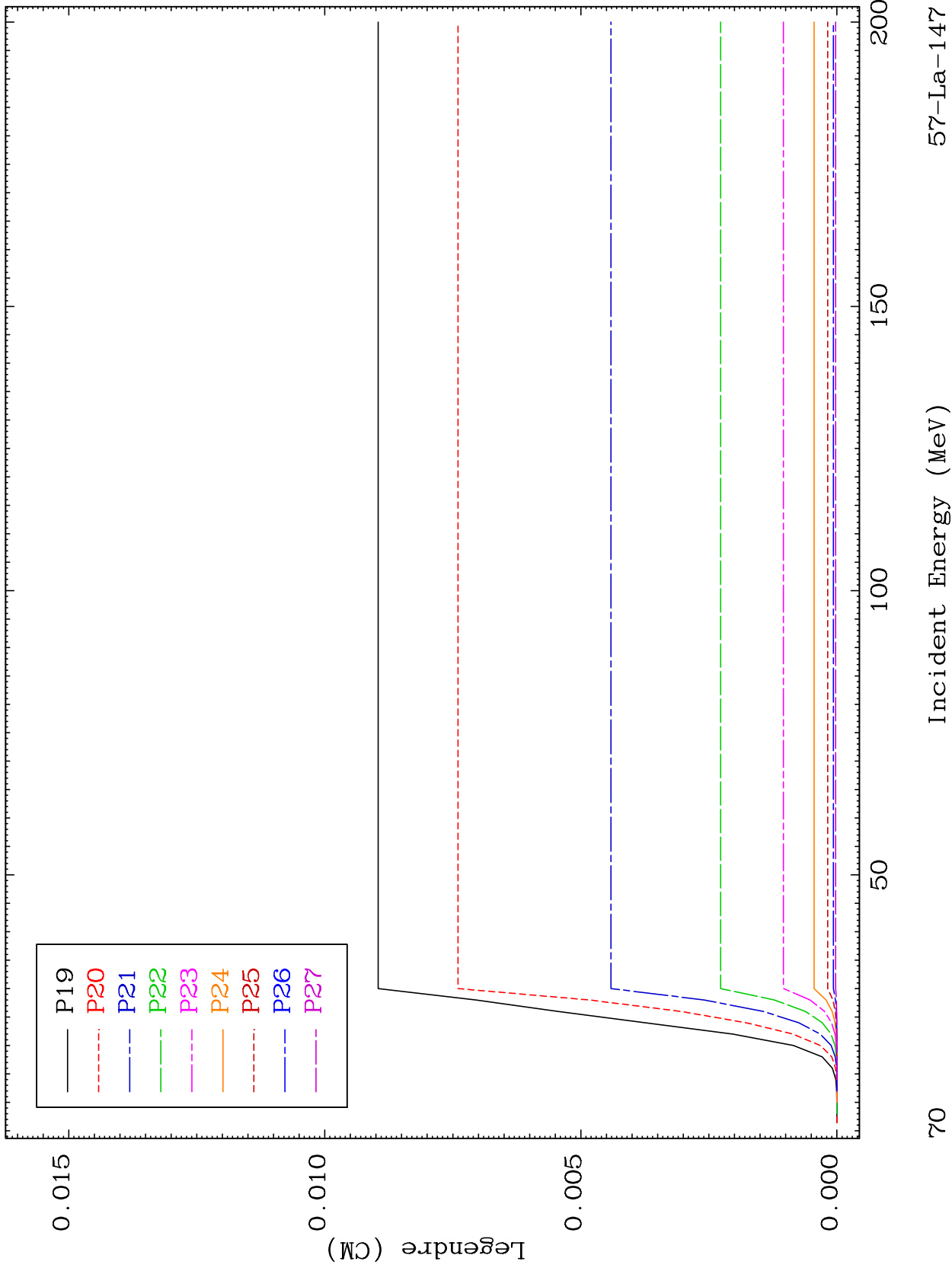
Incident Energy (MeV)

57-La-147

MAT 5752

342.5 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

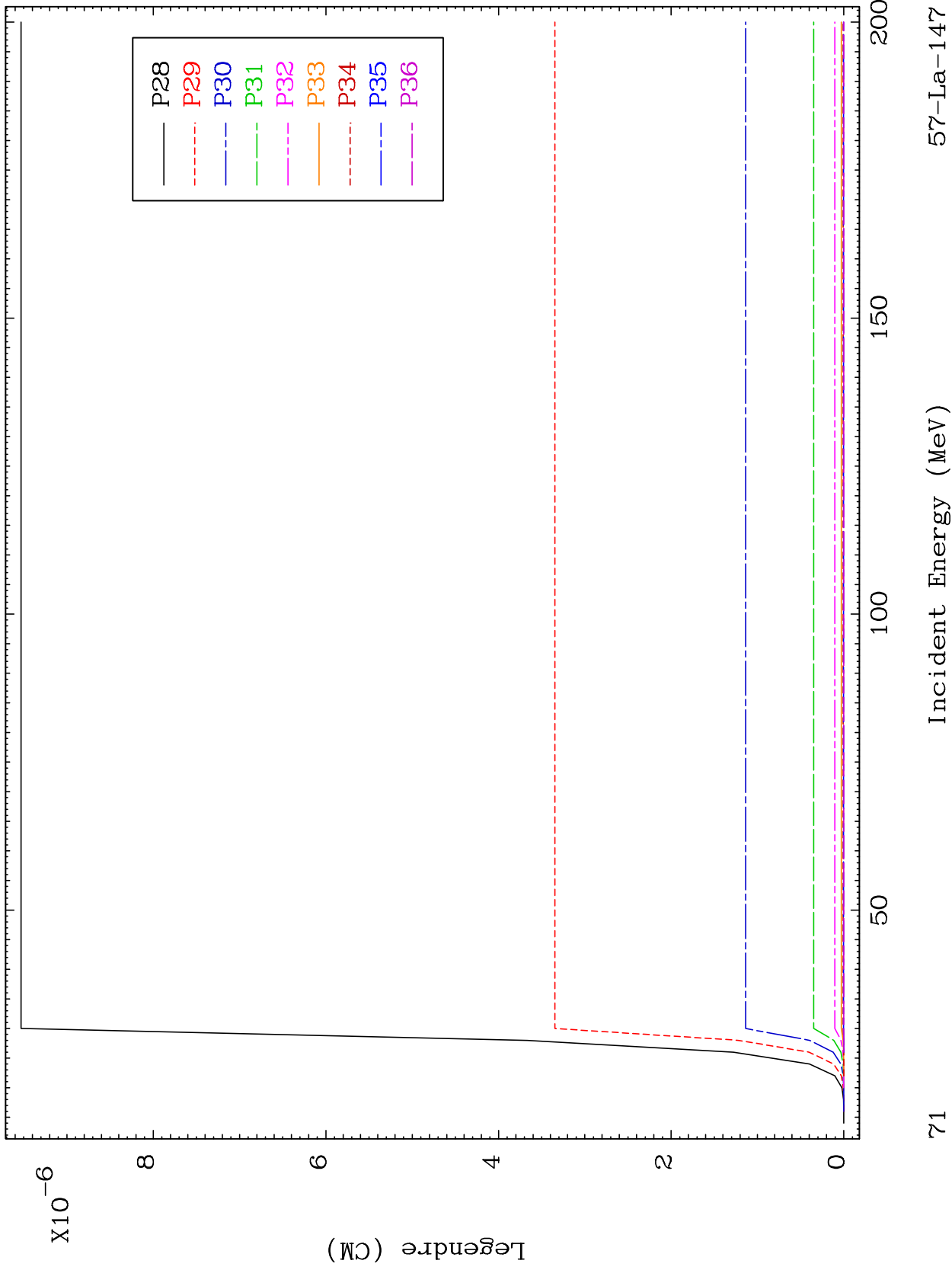
Incident Energy (MeV)

70

MAT 5752

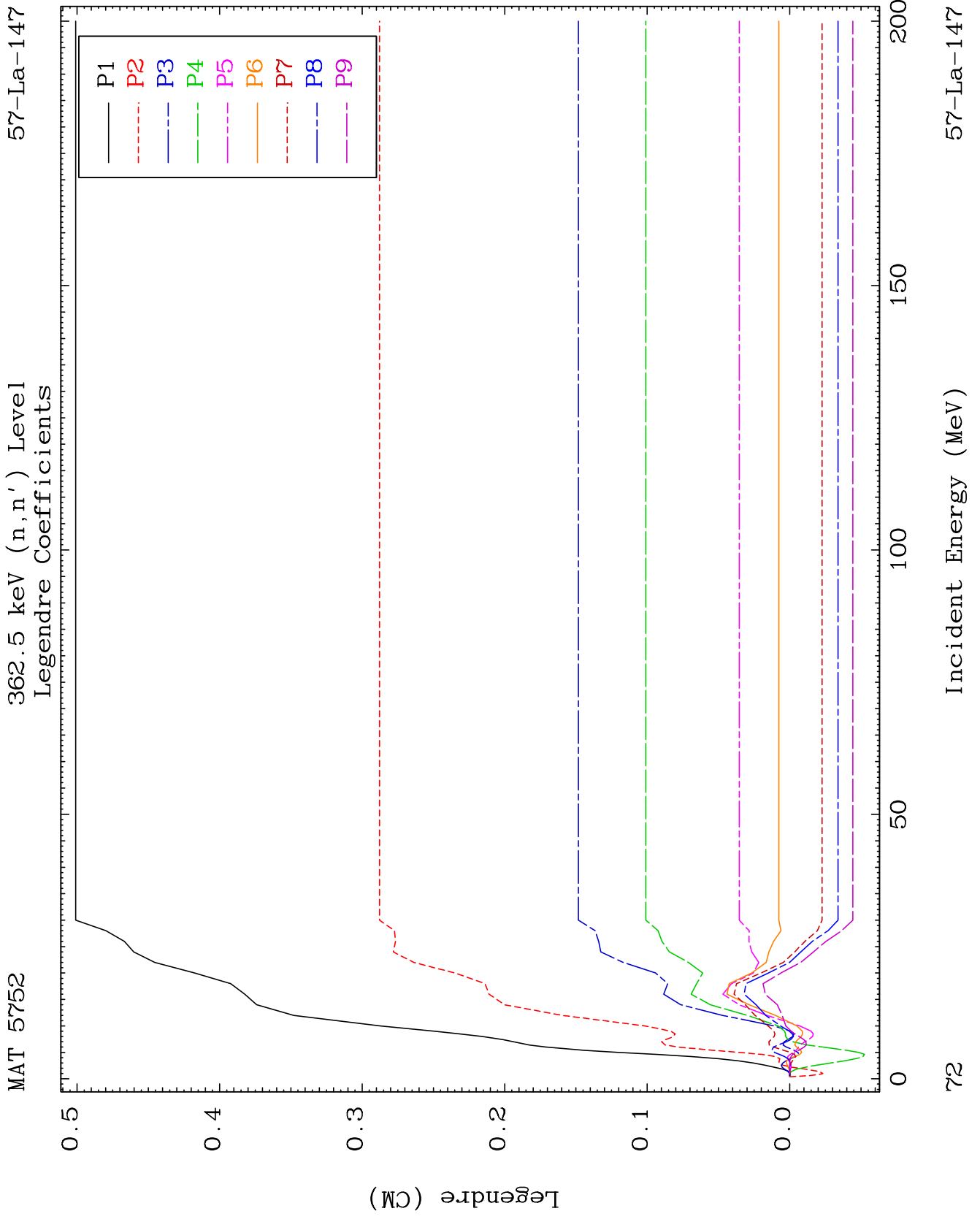
342.5 keV (n,n') Level
Legendre Coefficients

57-La-147



71

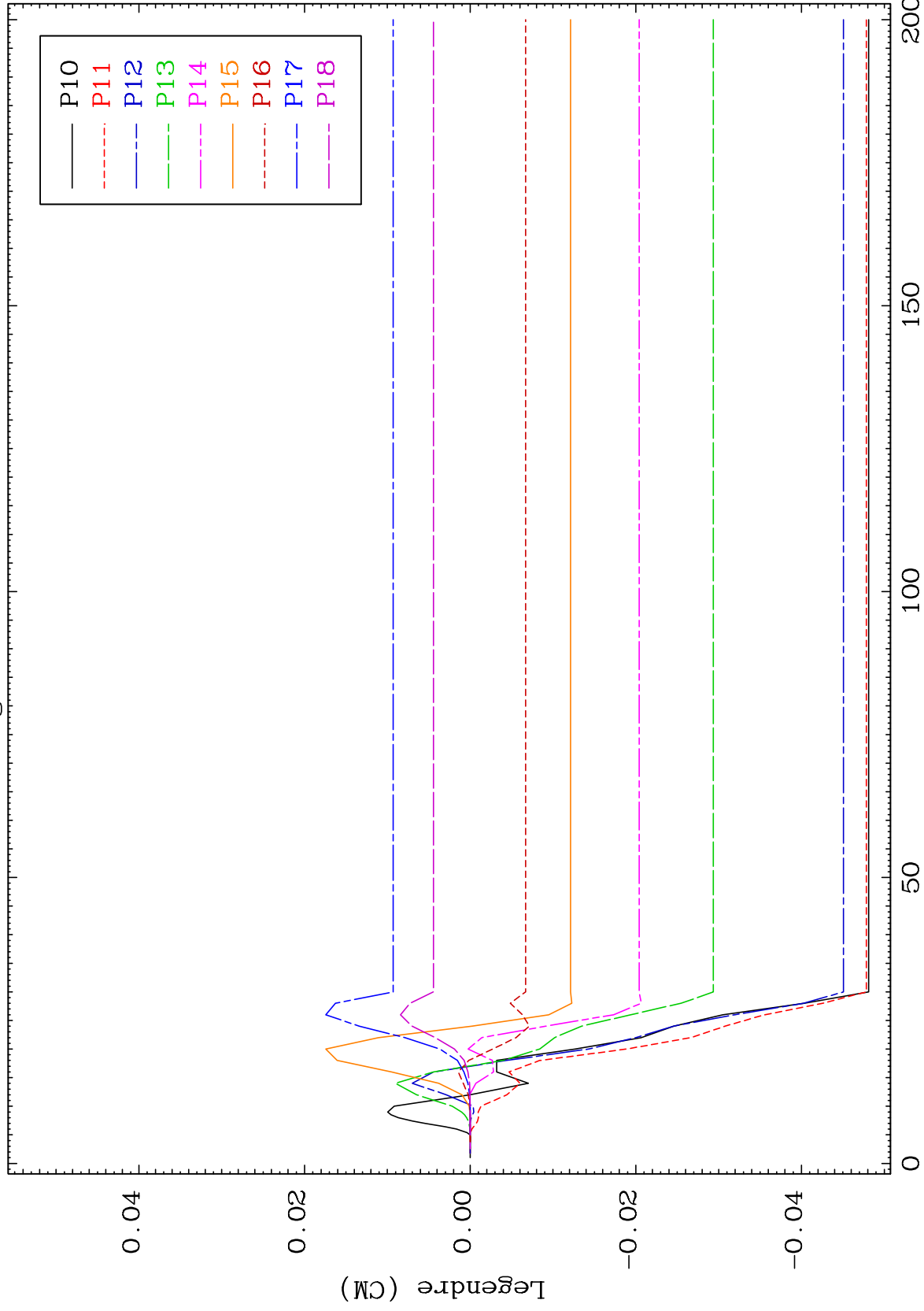
57-La-147



MAT 5752

362.5 keV (n,n') Level
Legendre Coefficients

57-La-147



73

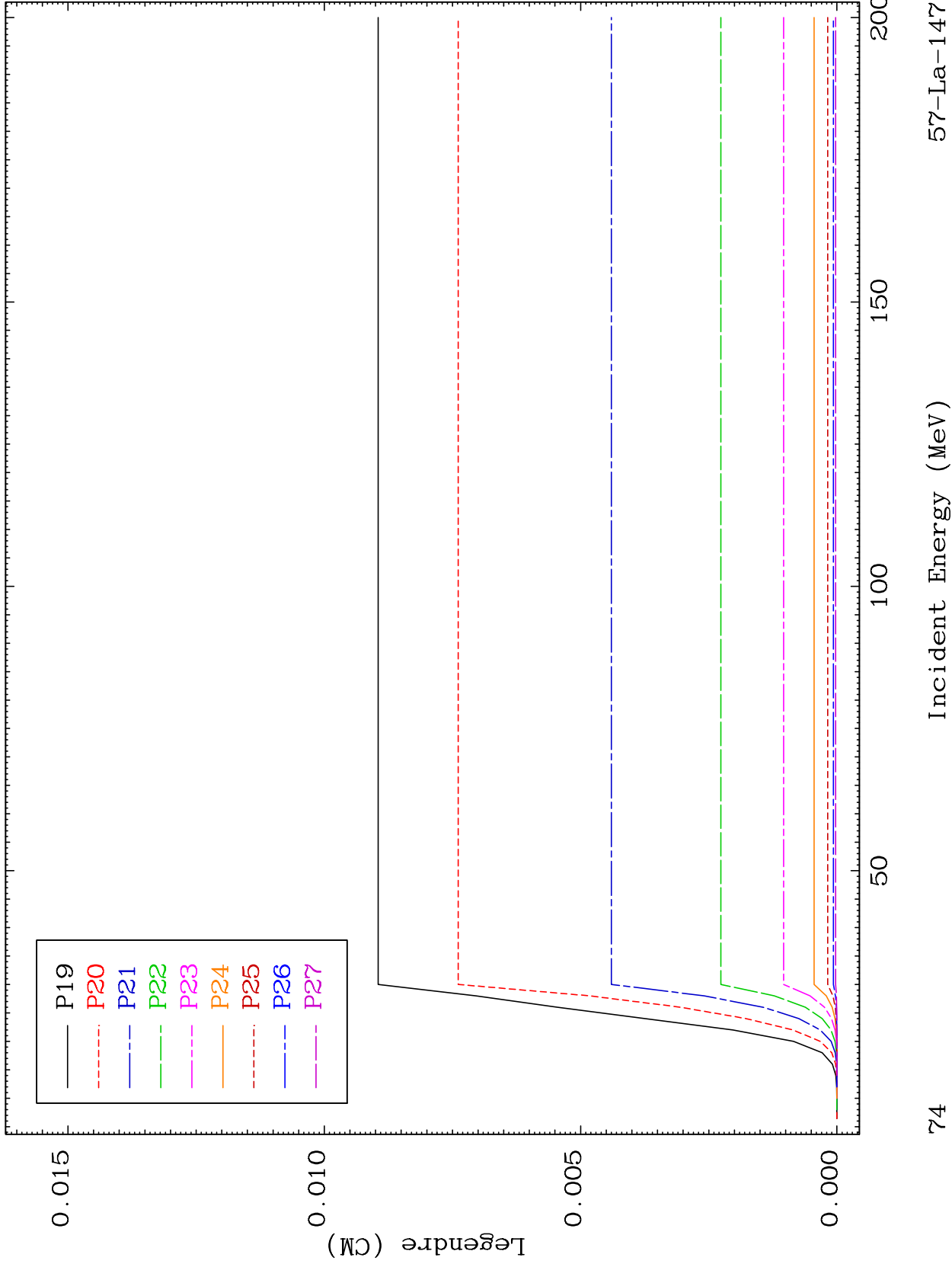
Incident Energy (MeV)

57-La-147

MAT 5752

362.5 keV (n,n') Level
Legendre Coefficients

57-La-147



74

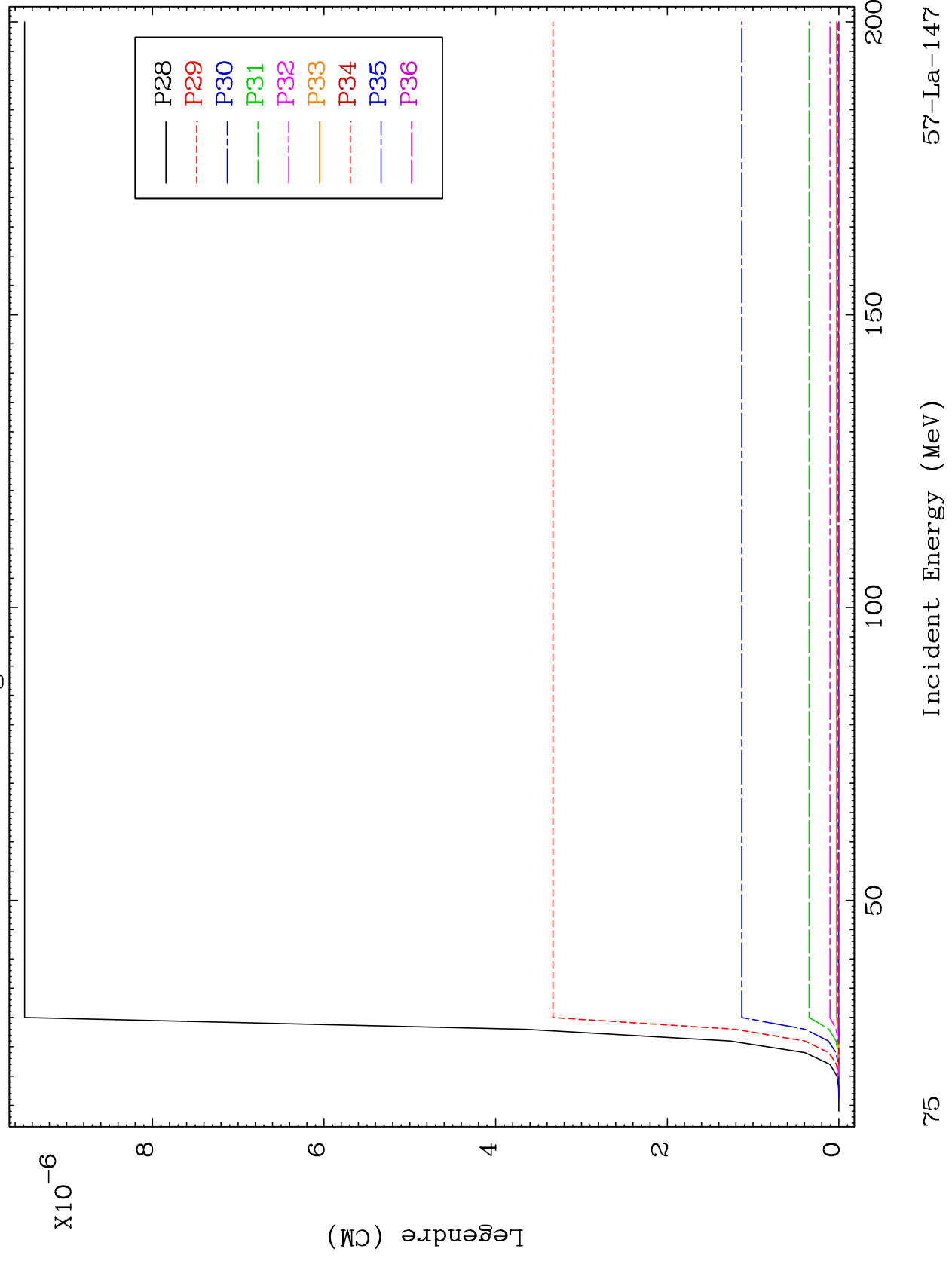
Incident Energy (MeV)

57-La-147

MAT 5752

362.5 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

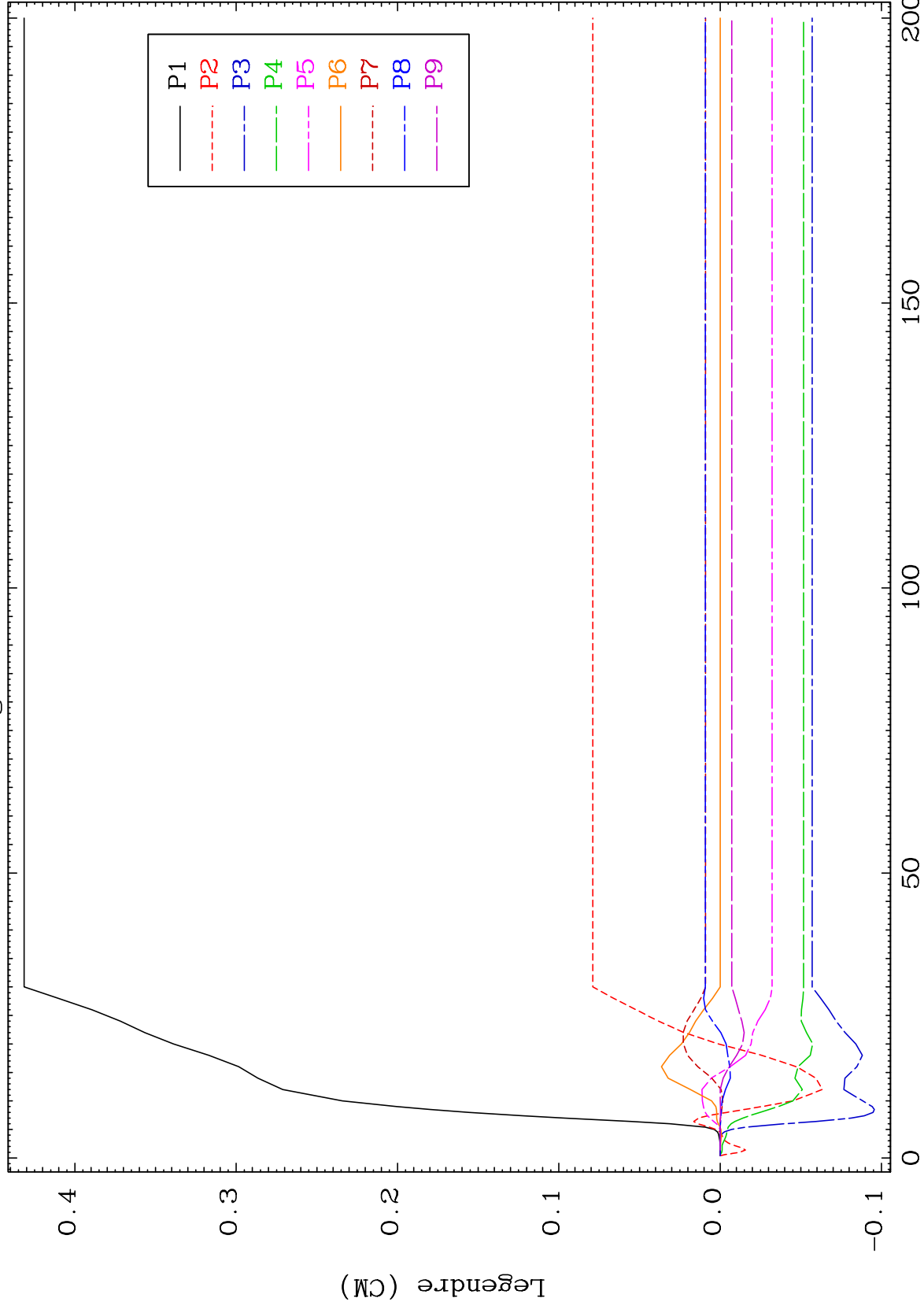
Incident Energy (MeV)

75

MAT 5752

379.2 keV (n,n') Level
Legendre Coefficients

57-La-147



76

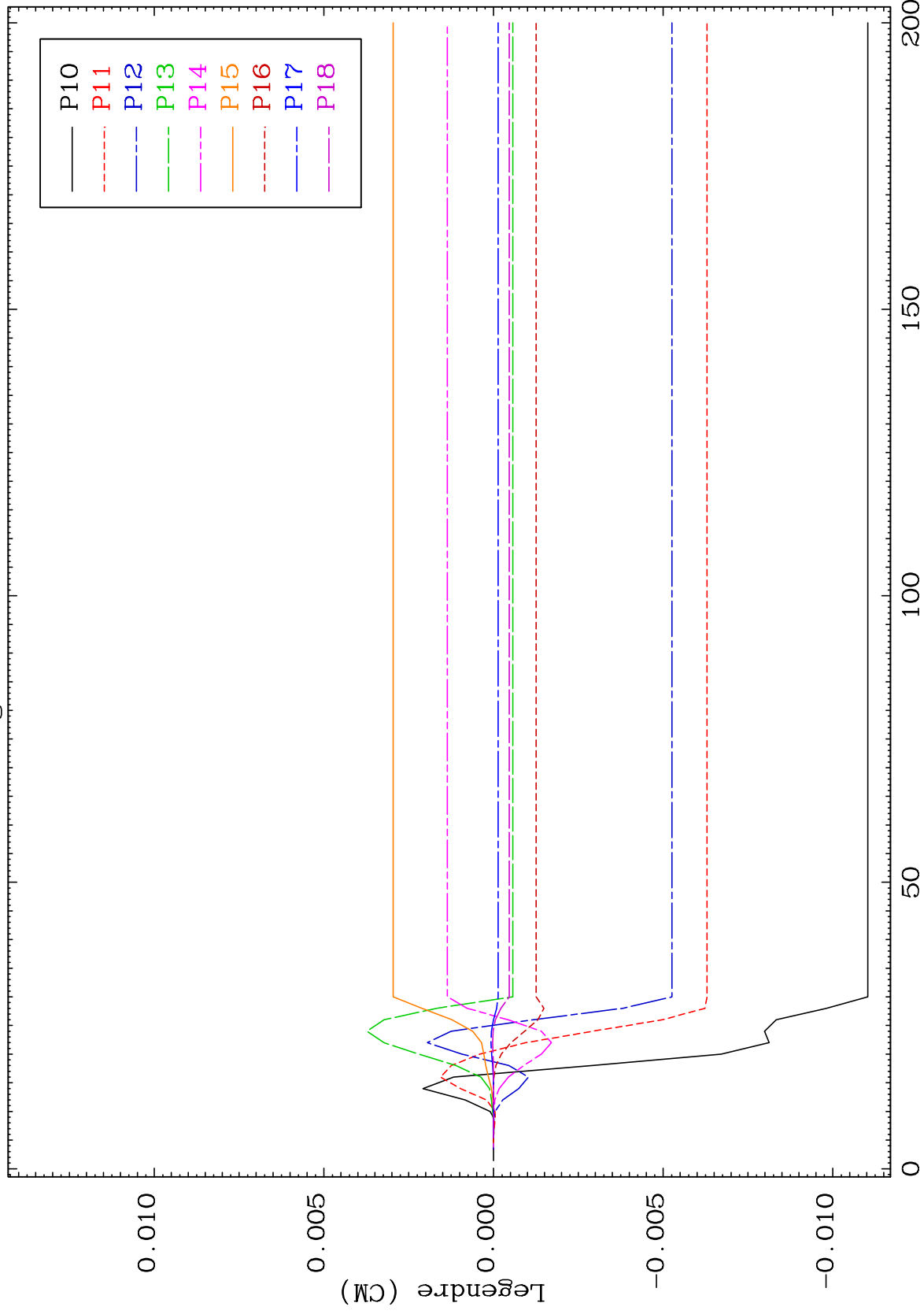
Incident Energy (MeV)

57-La-147

MAT 5752

379.2 keV (n,n') Level
Legendre Coefficients

57-La-147



77

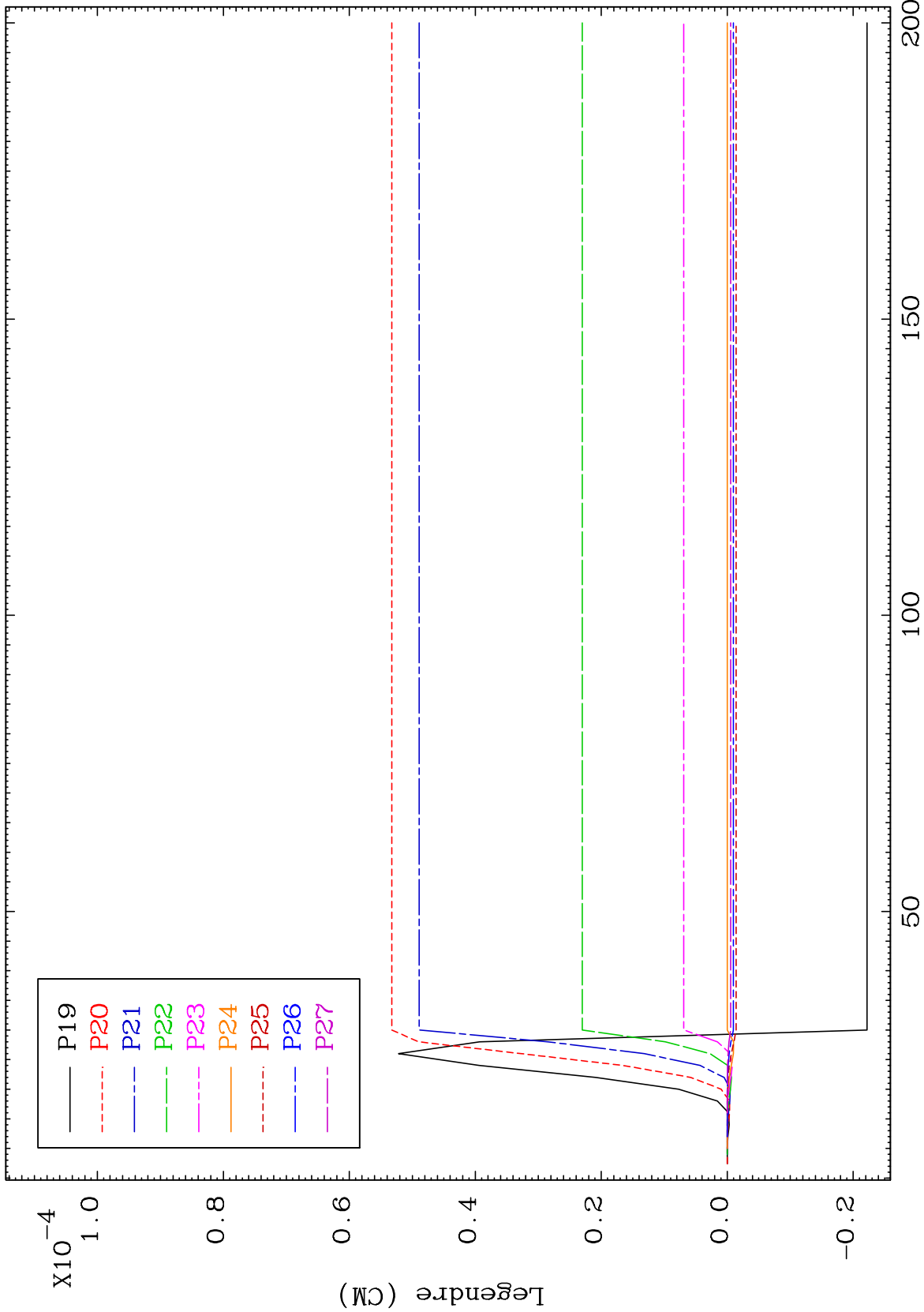
Incident Energy (MeV)

57-La-147

MAT 5752

379.2 keV (n, n') Level
Legendre Coefficients

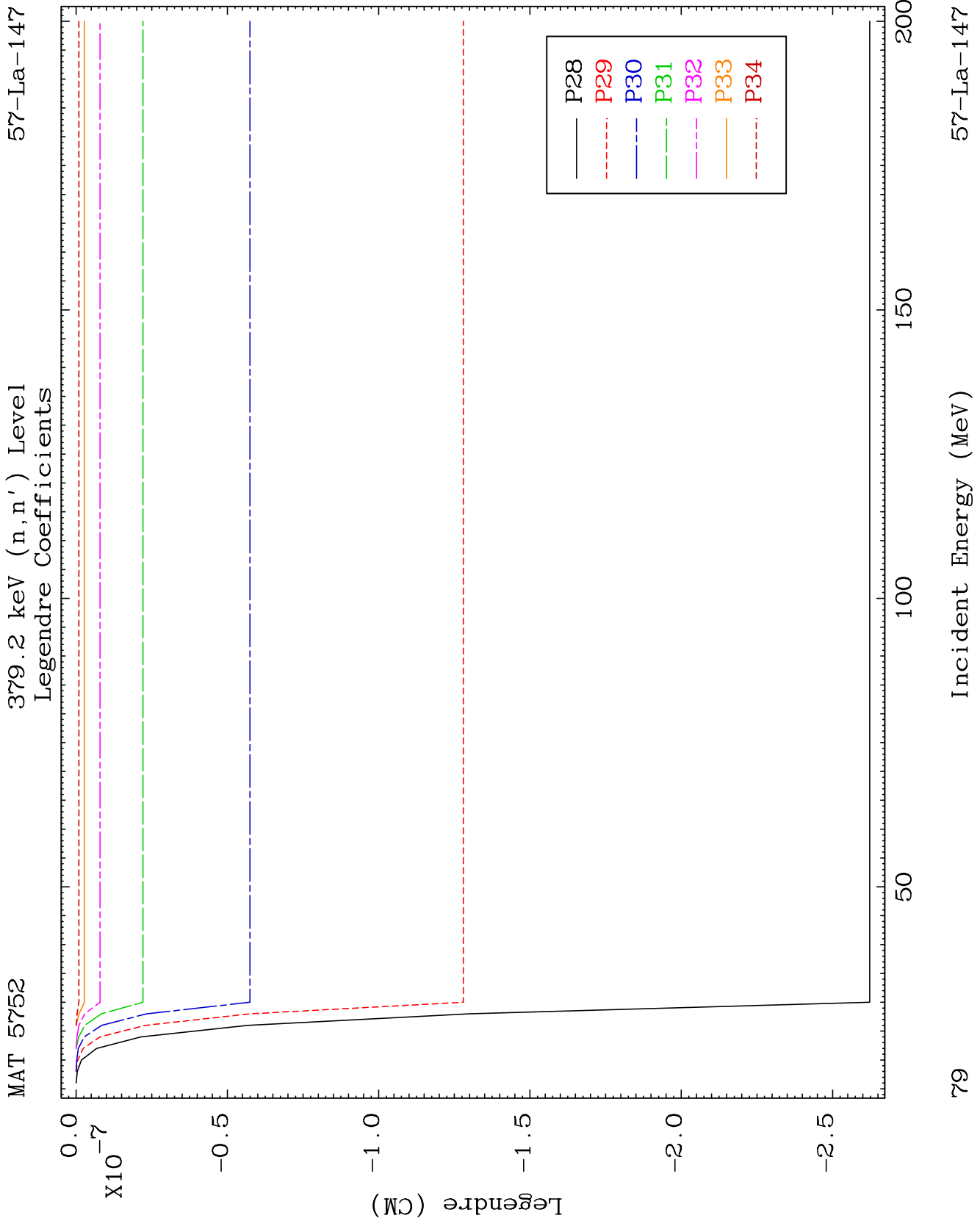
57-La-147



78

Incident Energy (MeV)

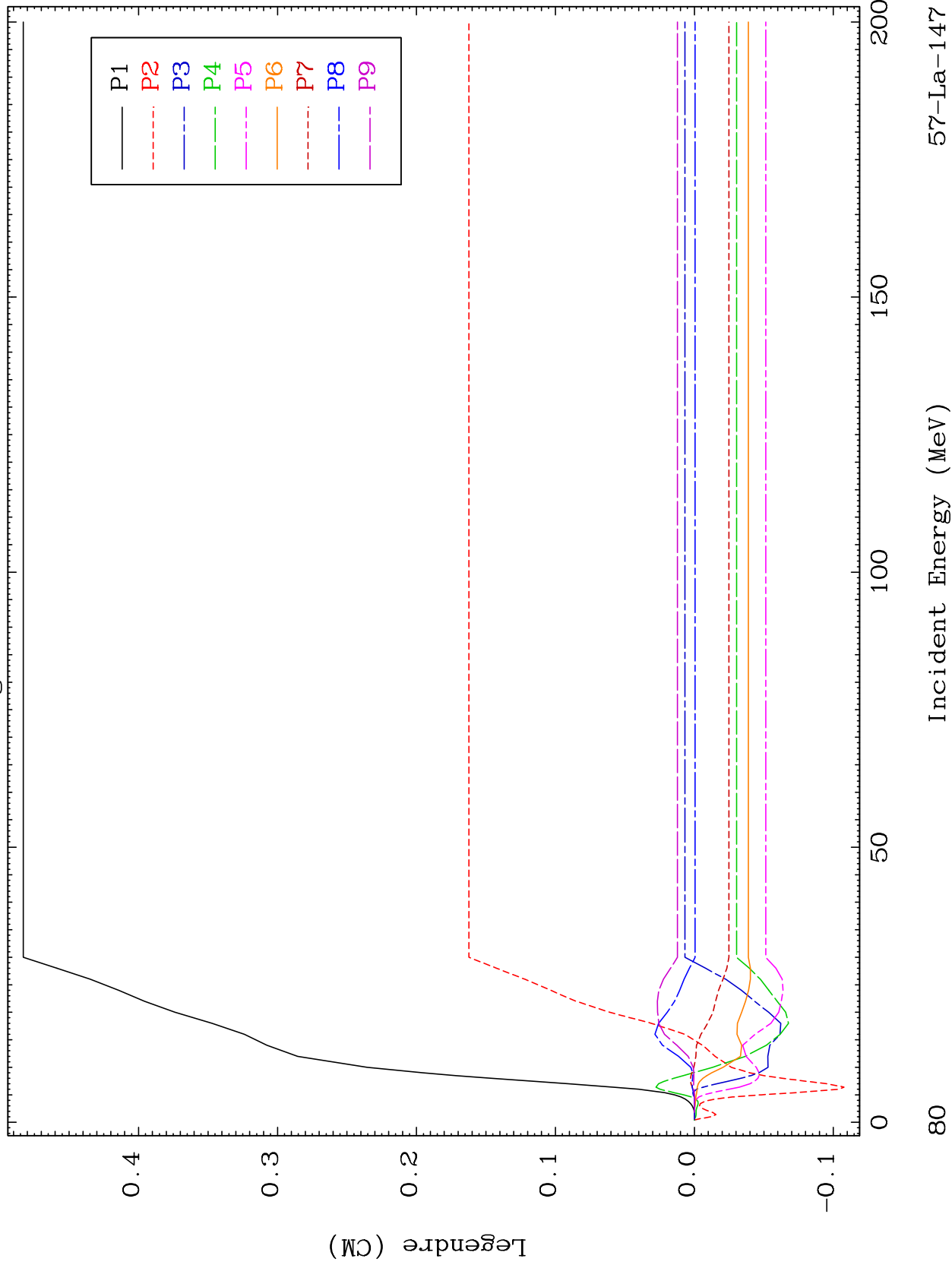
57-La-147



MAT 5752

399.6 keV (n,n') Level
Legendre Coefficients

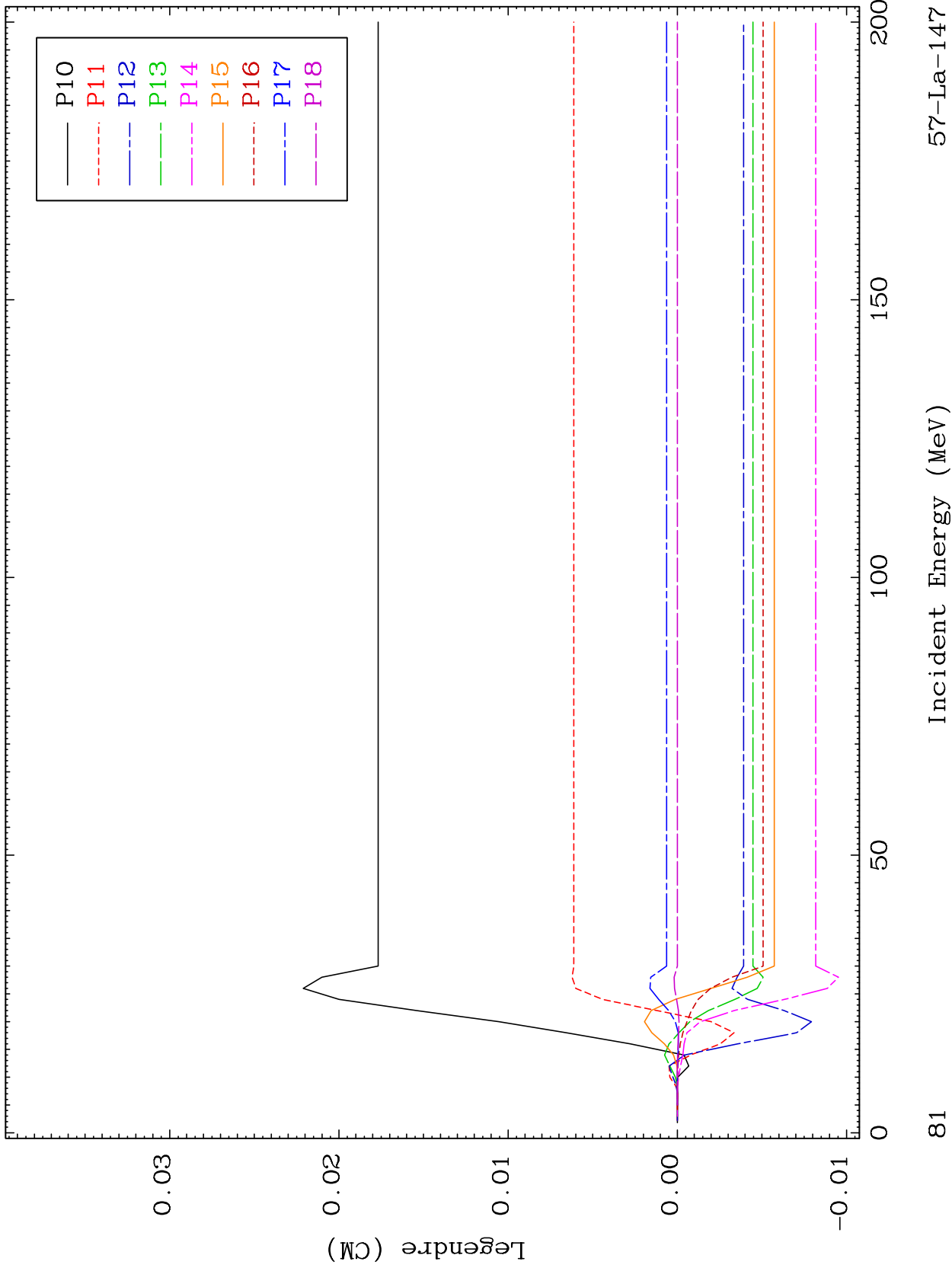
57-La-147

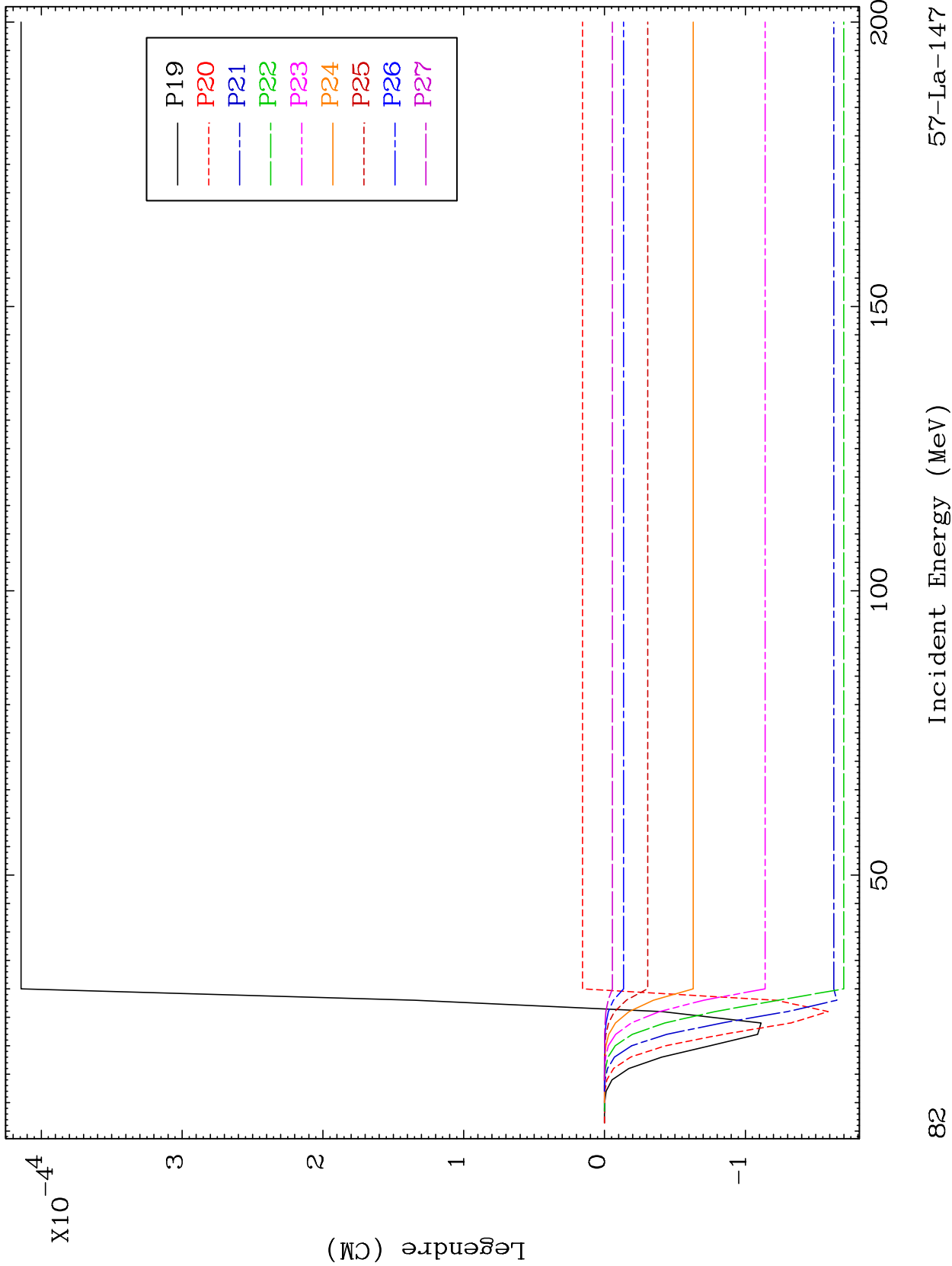


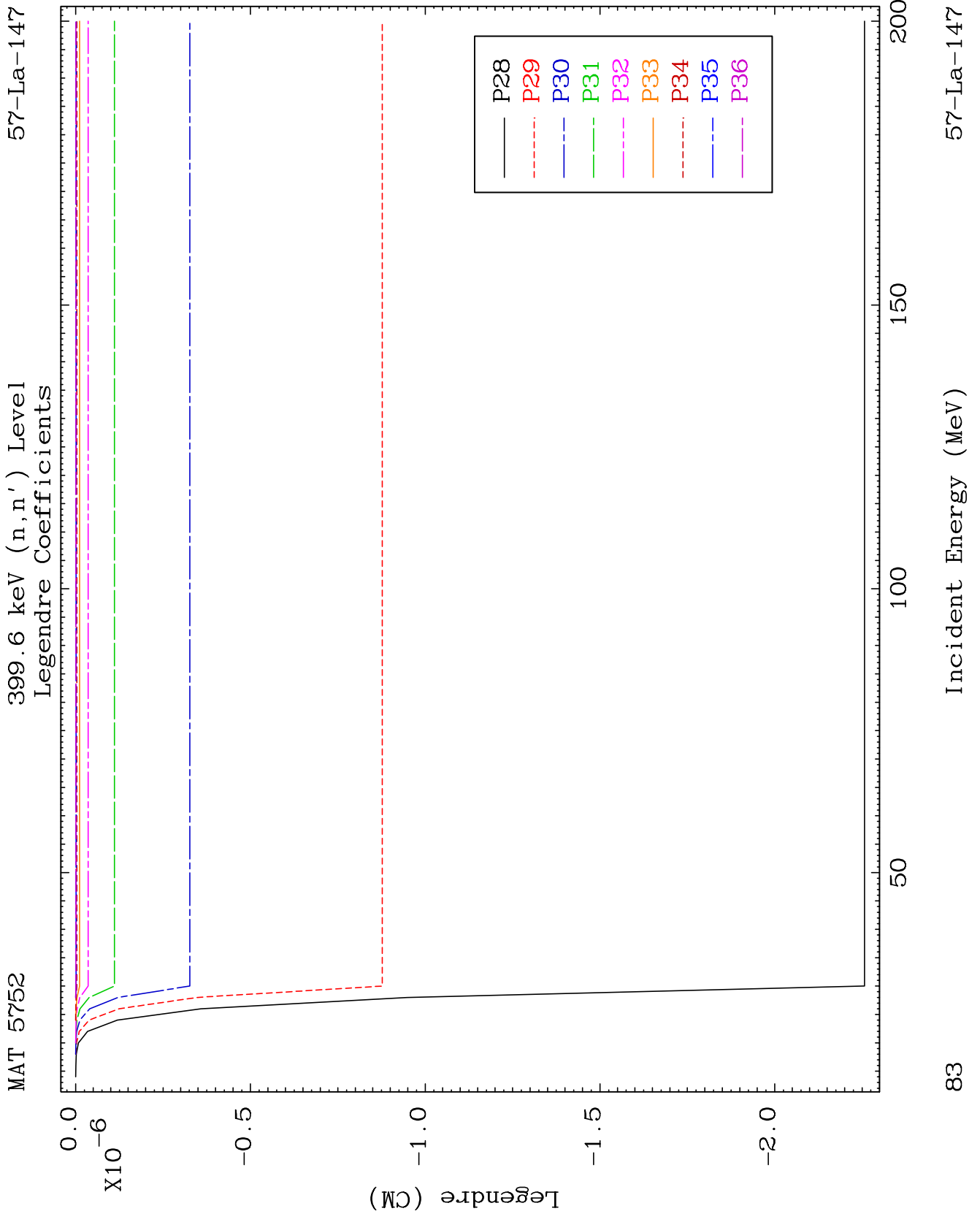
57-La-147

Incident Energy (MeV)

80



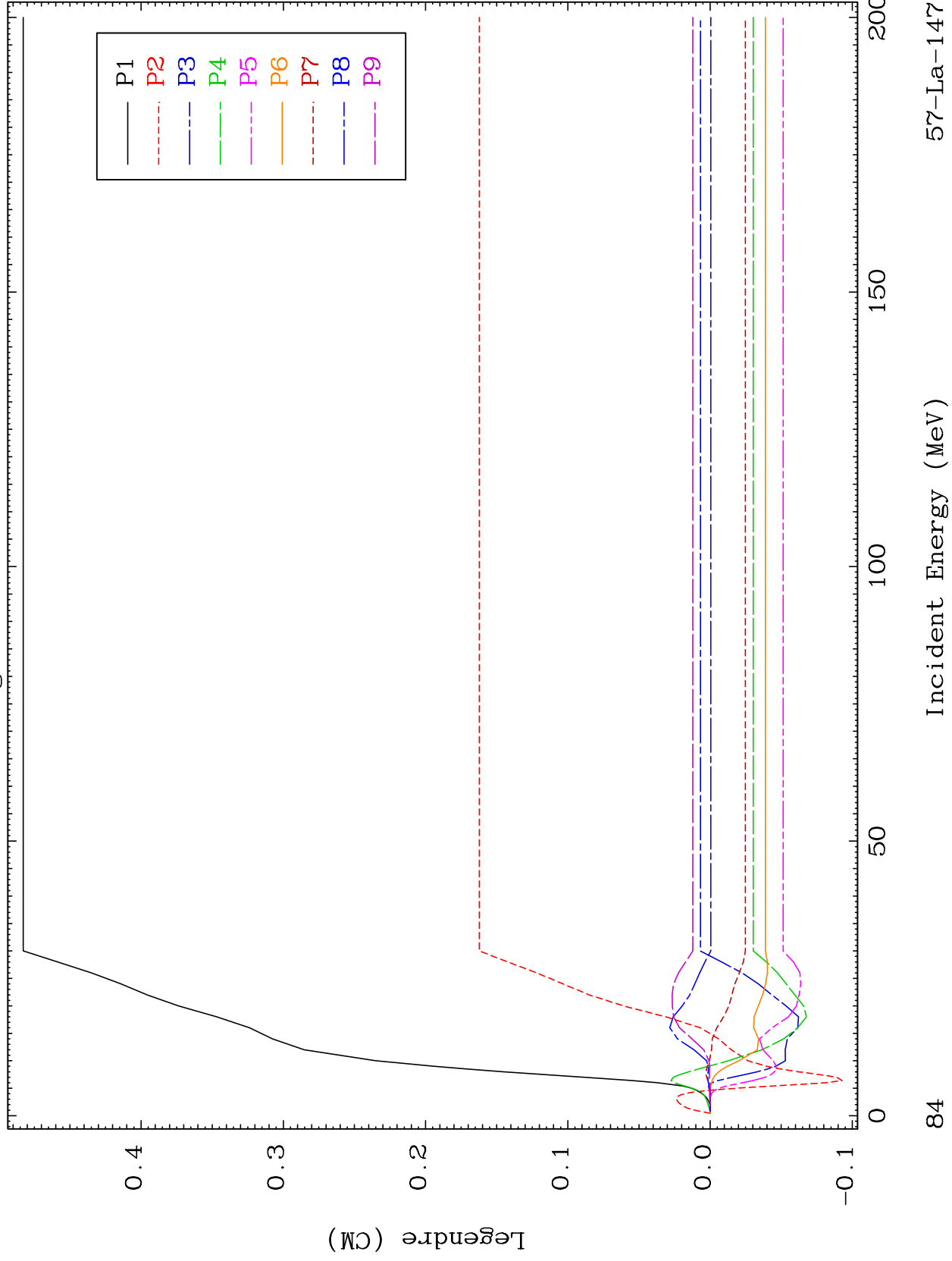




MAT 5752

419.1 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

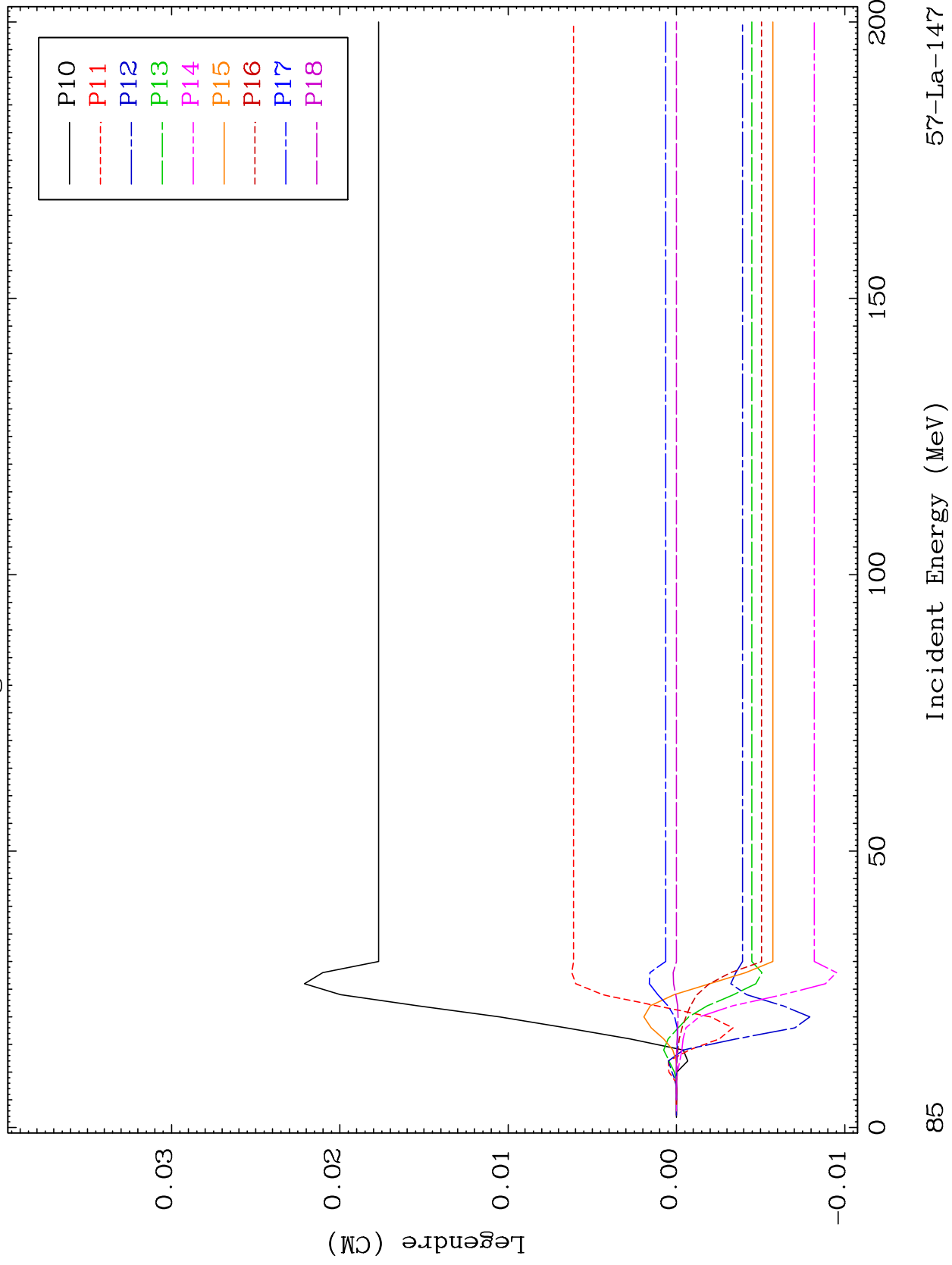
Incident Energy (MeV)

84

MAT 5752

419.1 keV (n,n') Level
Legendre Coefficients

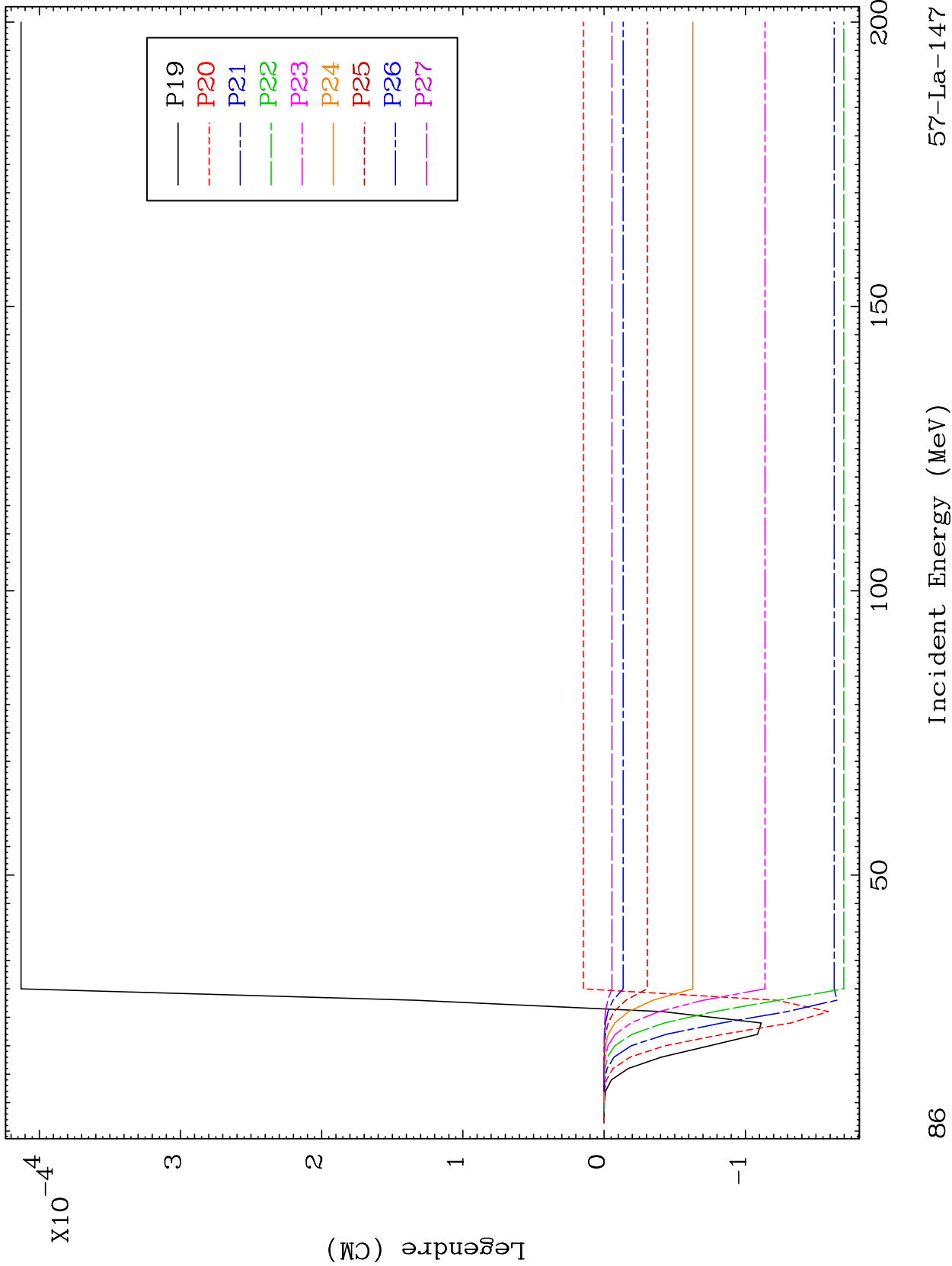
57-La-147

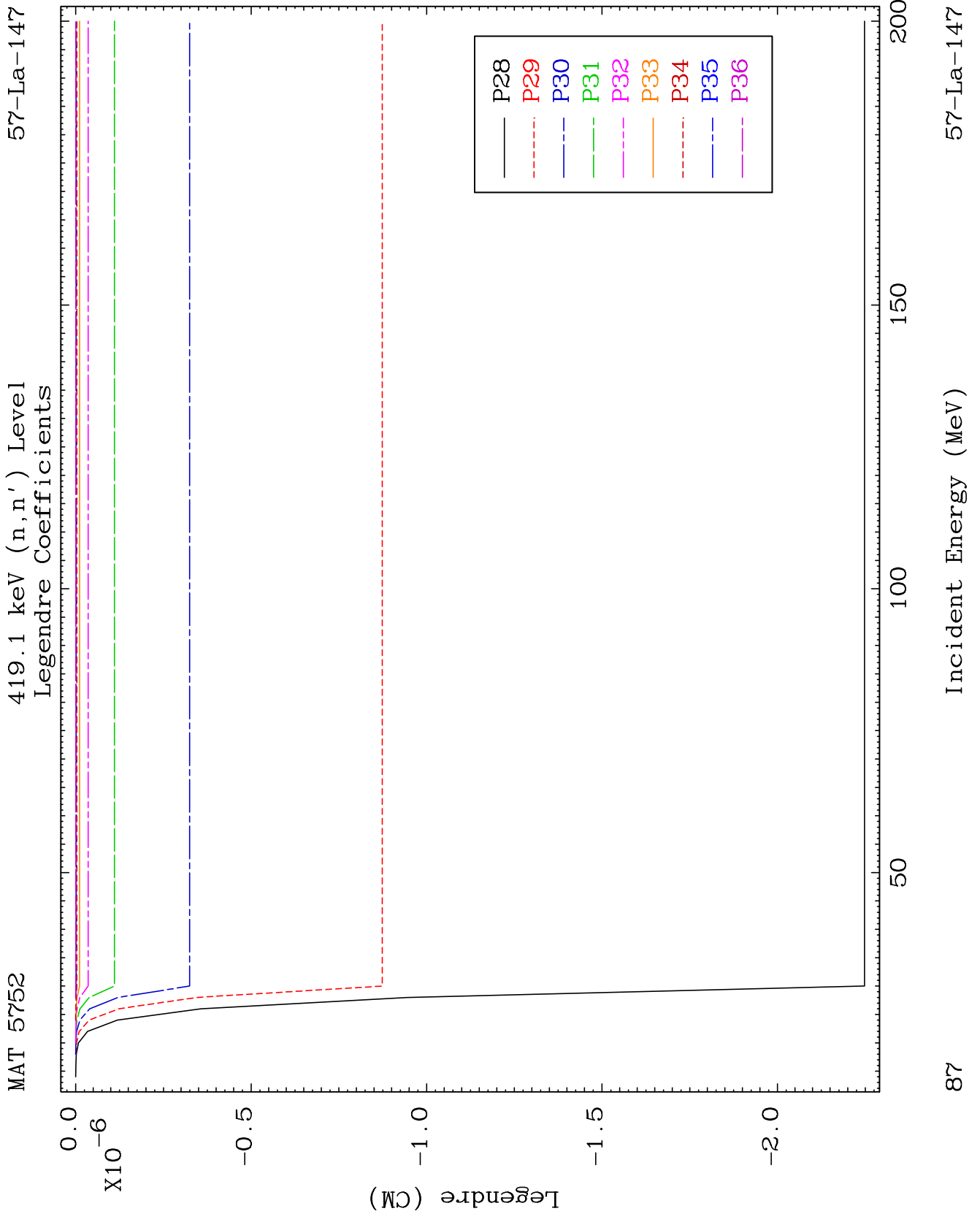


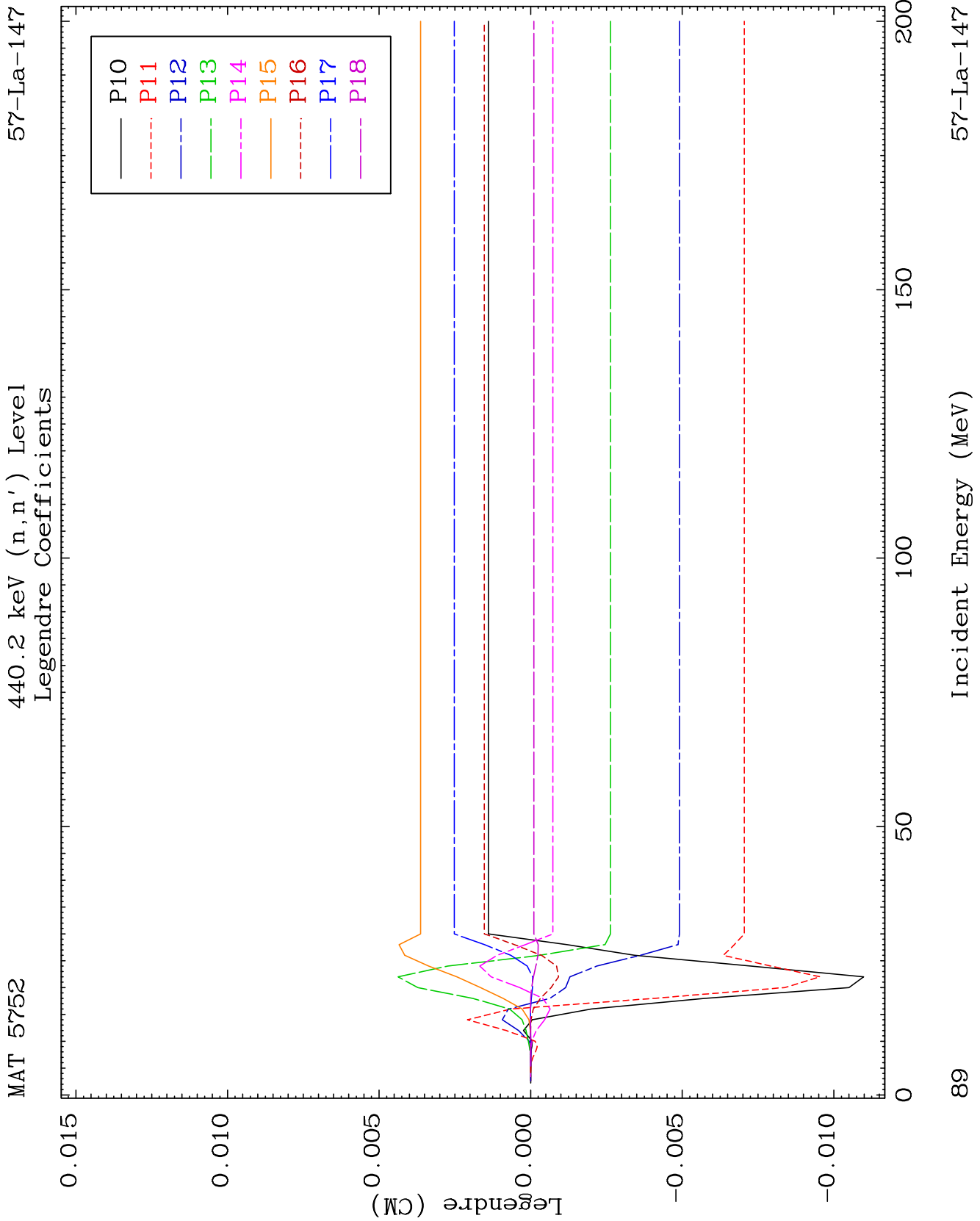
57-La-147

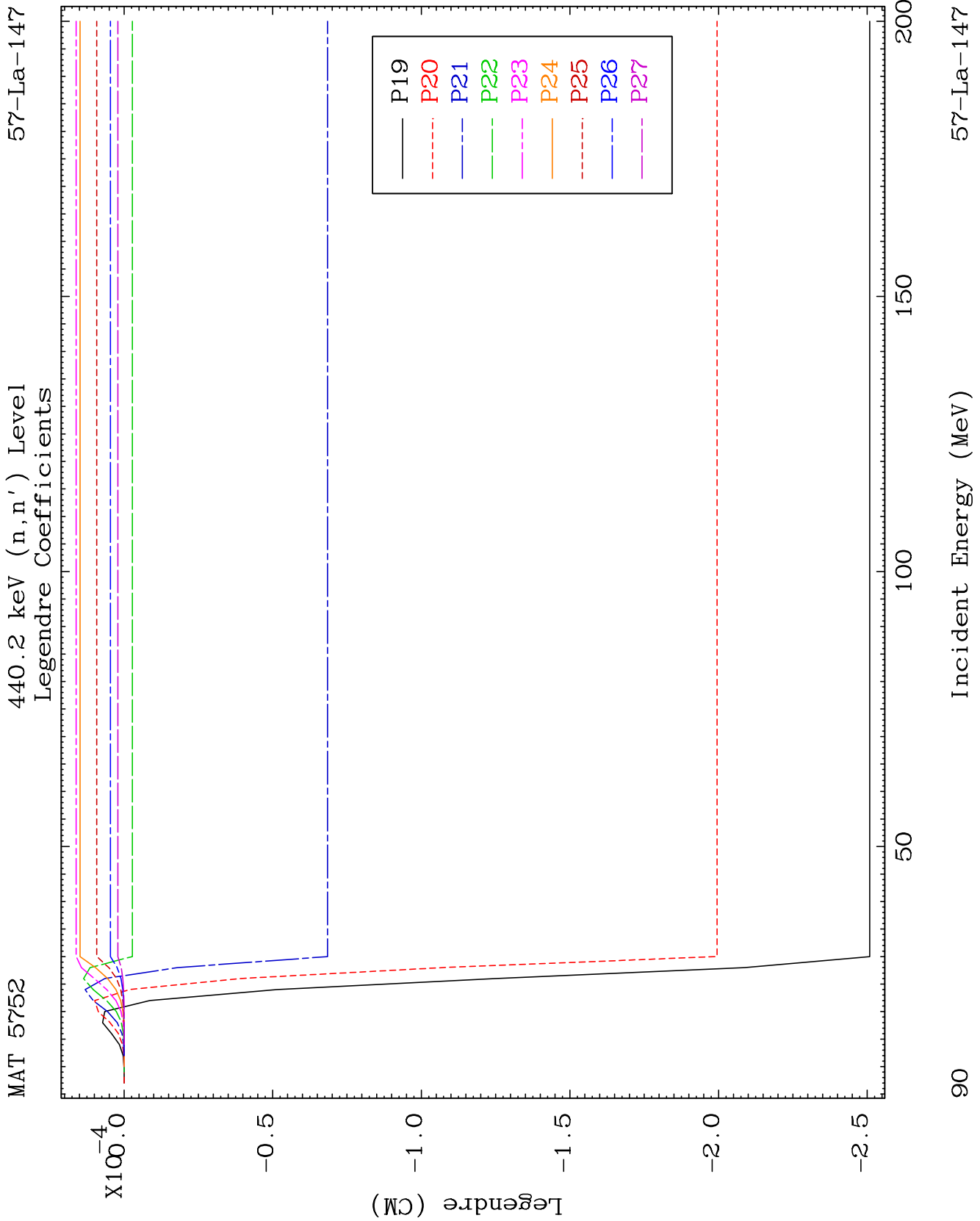
Incident Energy (MeV)

85





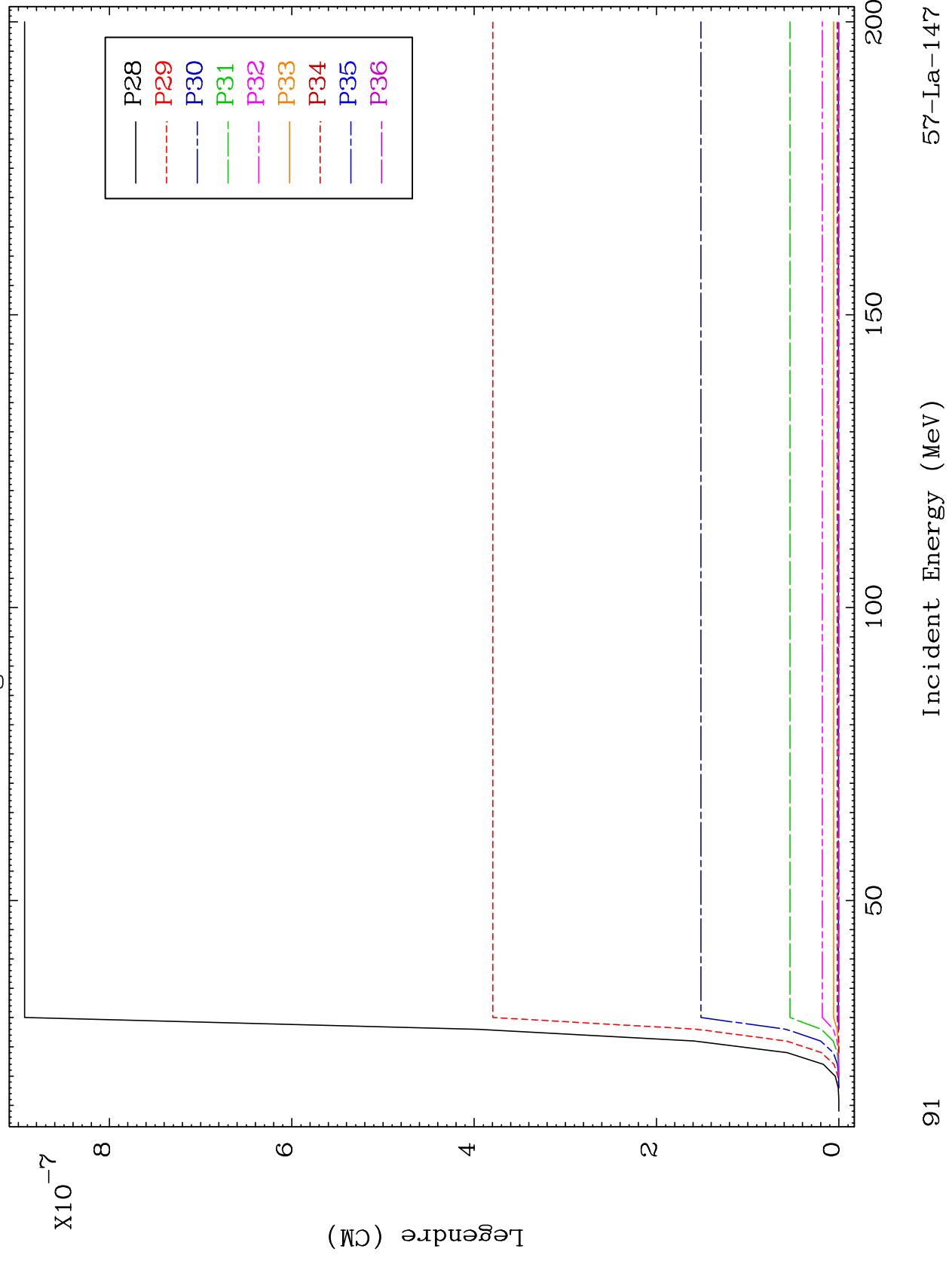




MAT 5752

440.2 keV (n,n') Level
Legendre Coefficients

57-La-147



91

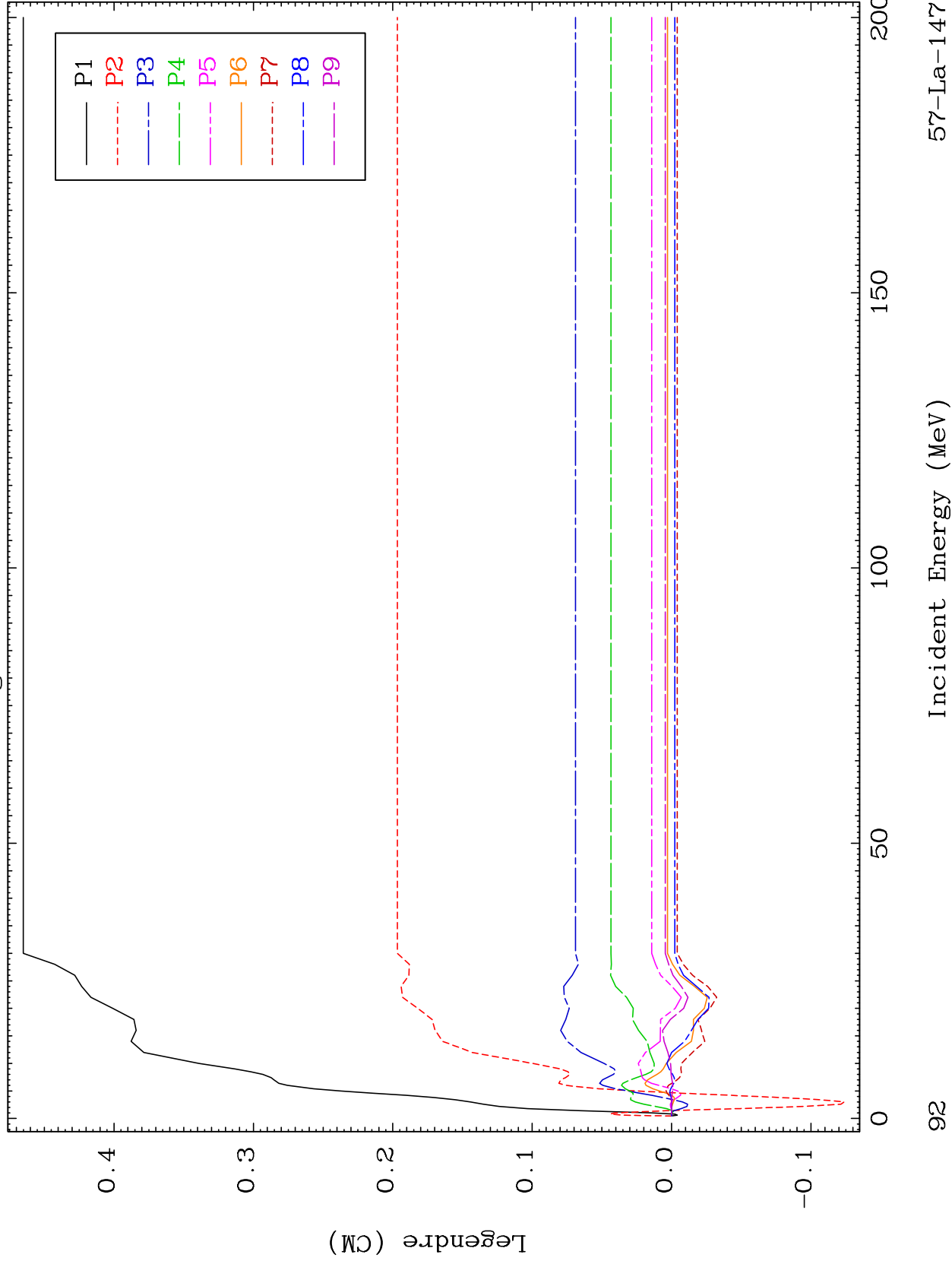
Incident Energy (MeV)

57-La-147

MAT 5752

441.9 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

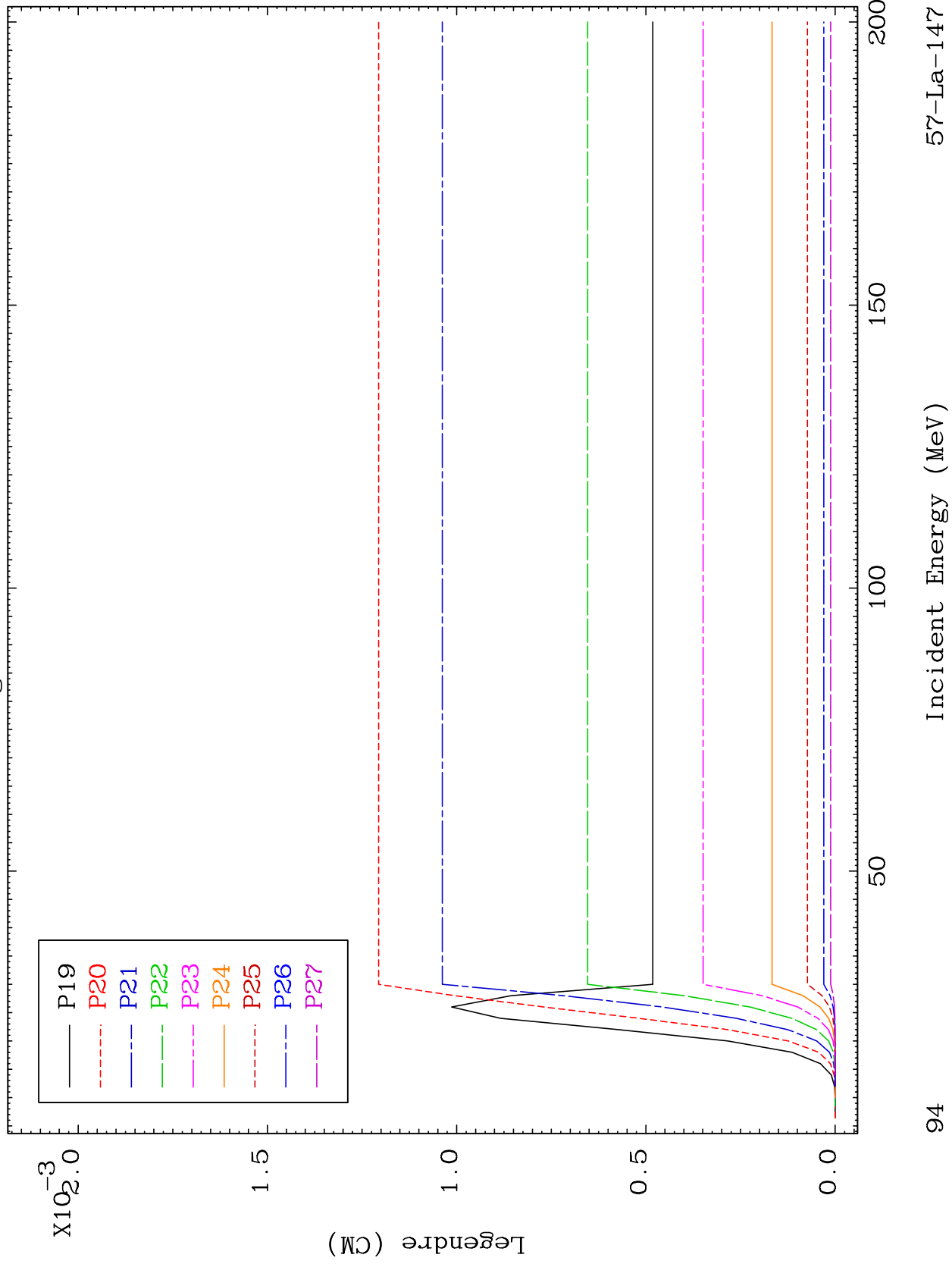
Incident Energy (MeV)

92

MAT 5752

441.9 keV (n,n') Level
Legendre Coefficients

57-La-147



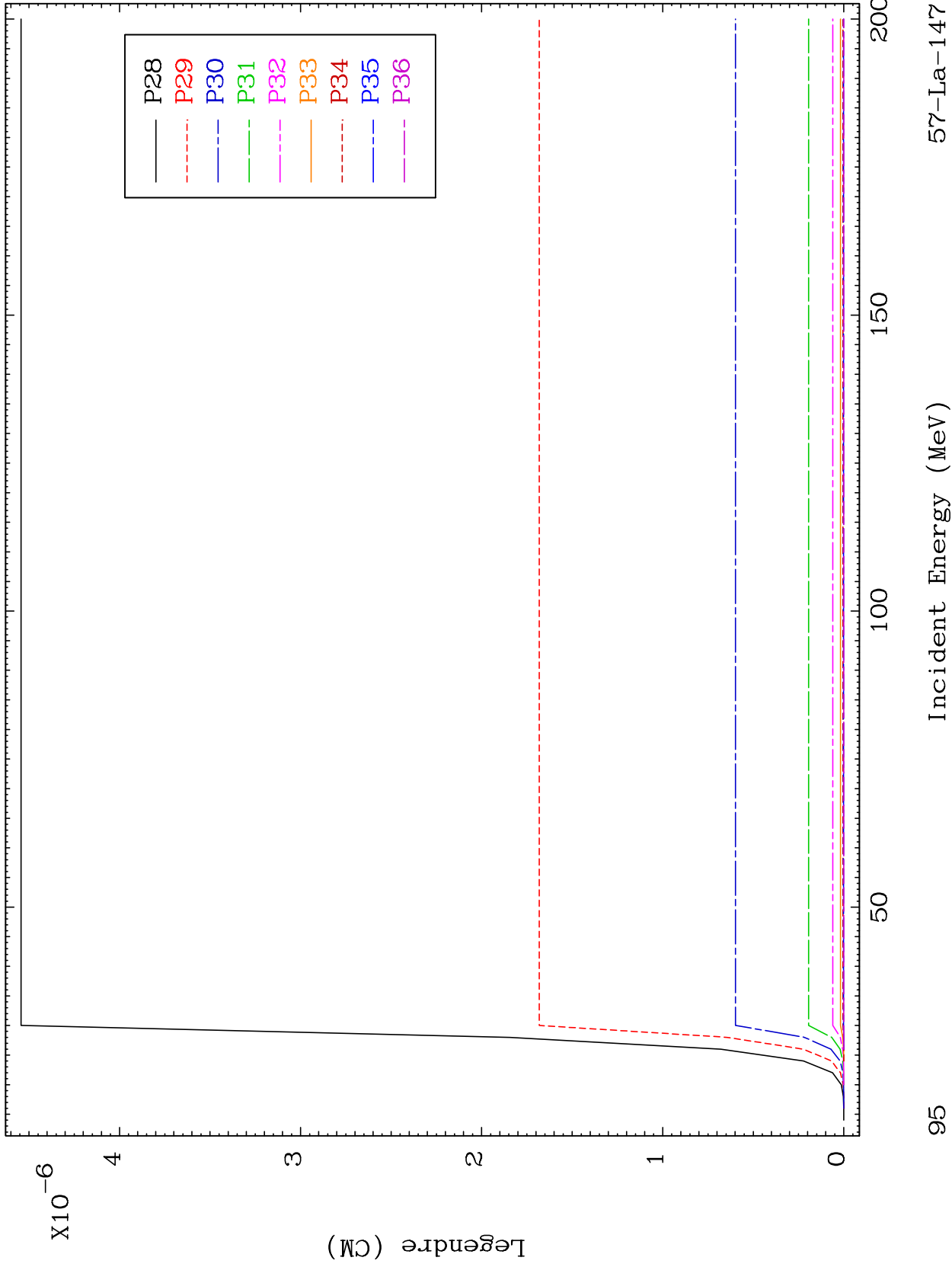
94

57-La-147

MAT 5752

441.9 keV (n,n') Level
Legendre Coefficients

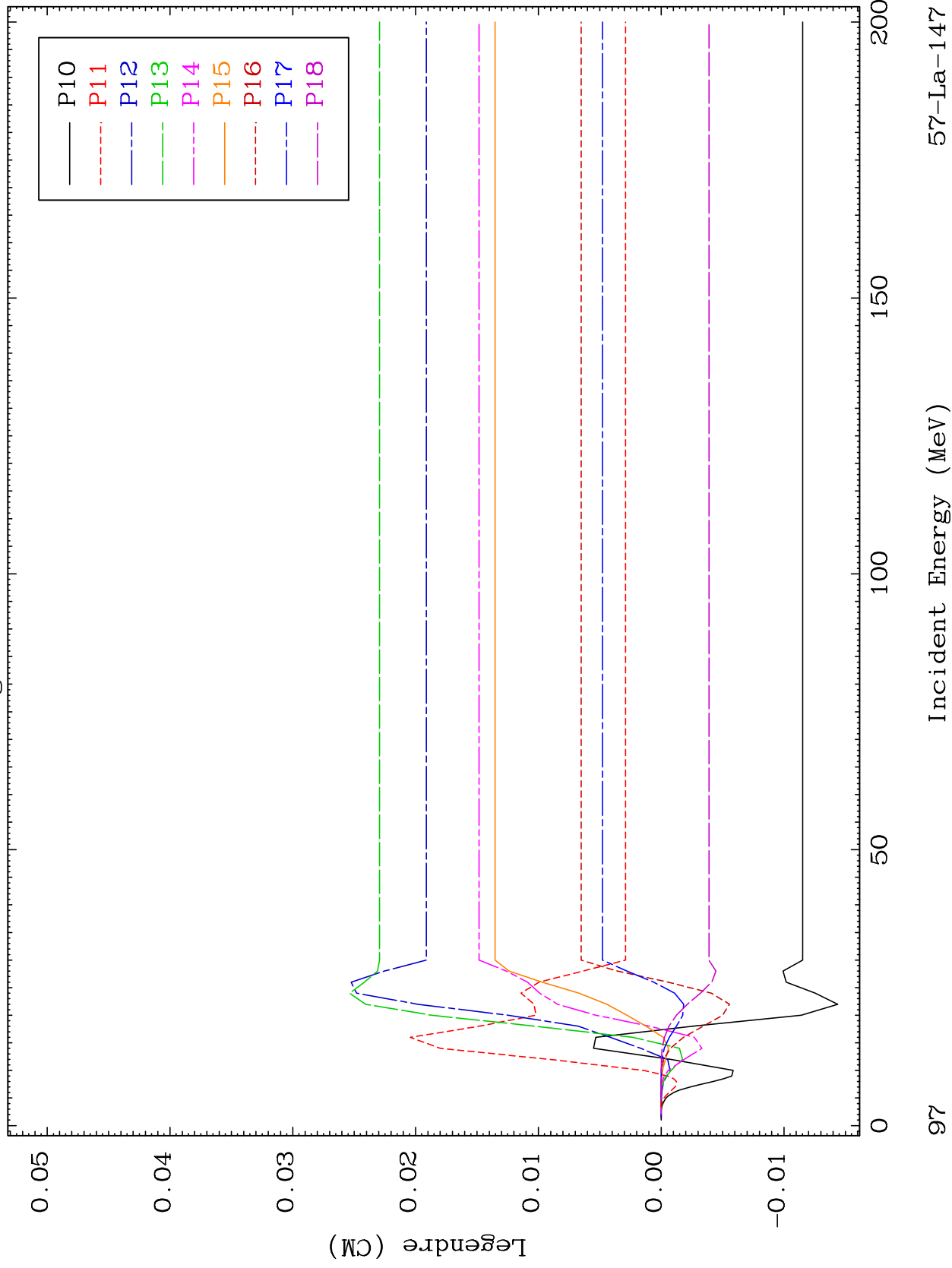
57-La-147



MAT 5752

474.1 keV (n,n') Level
Legendre Coefficients

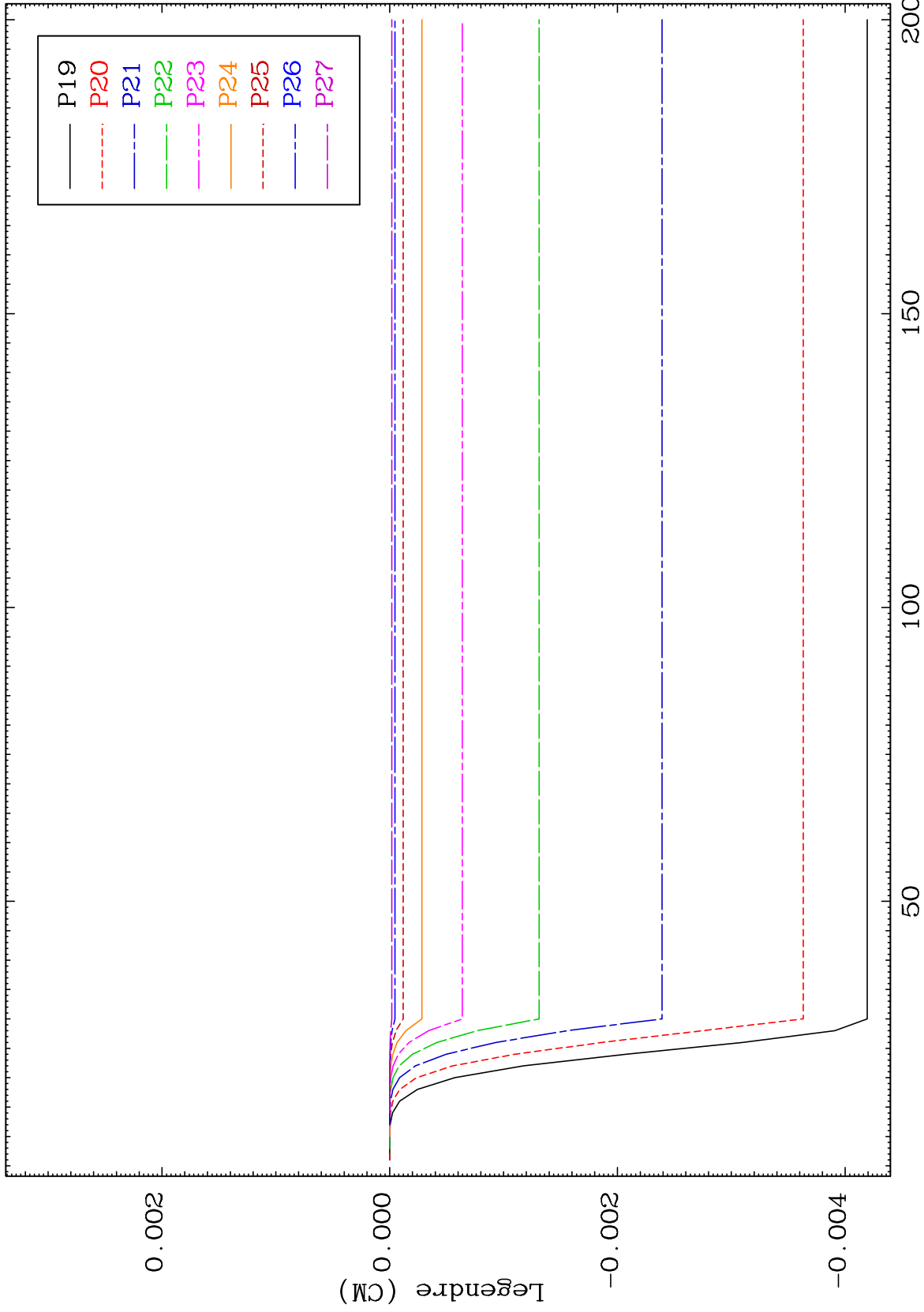
57-La-147

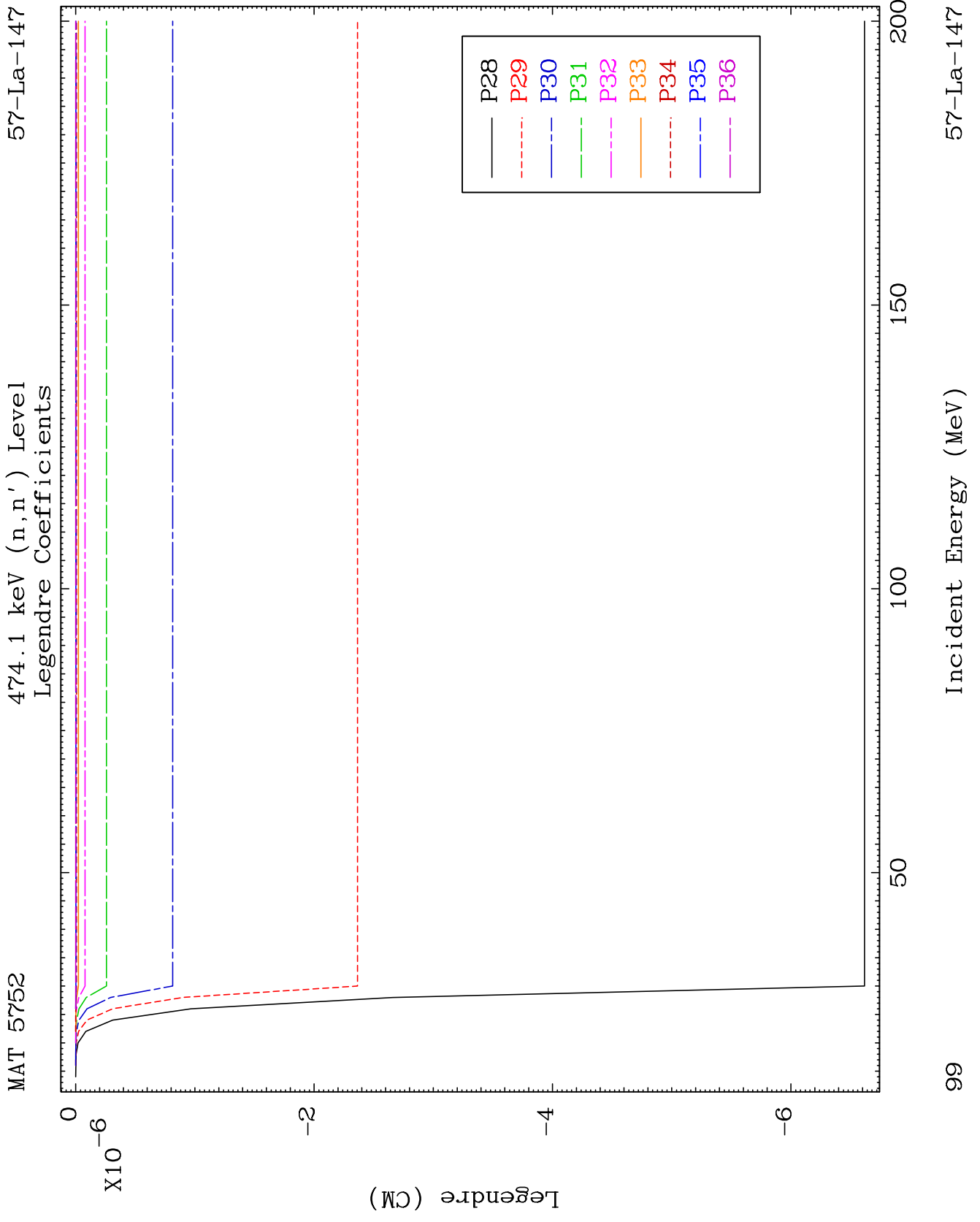


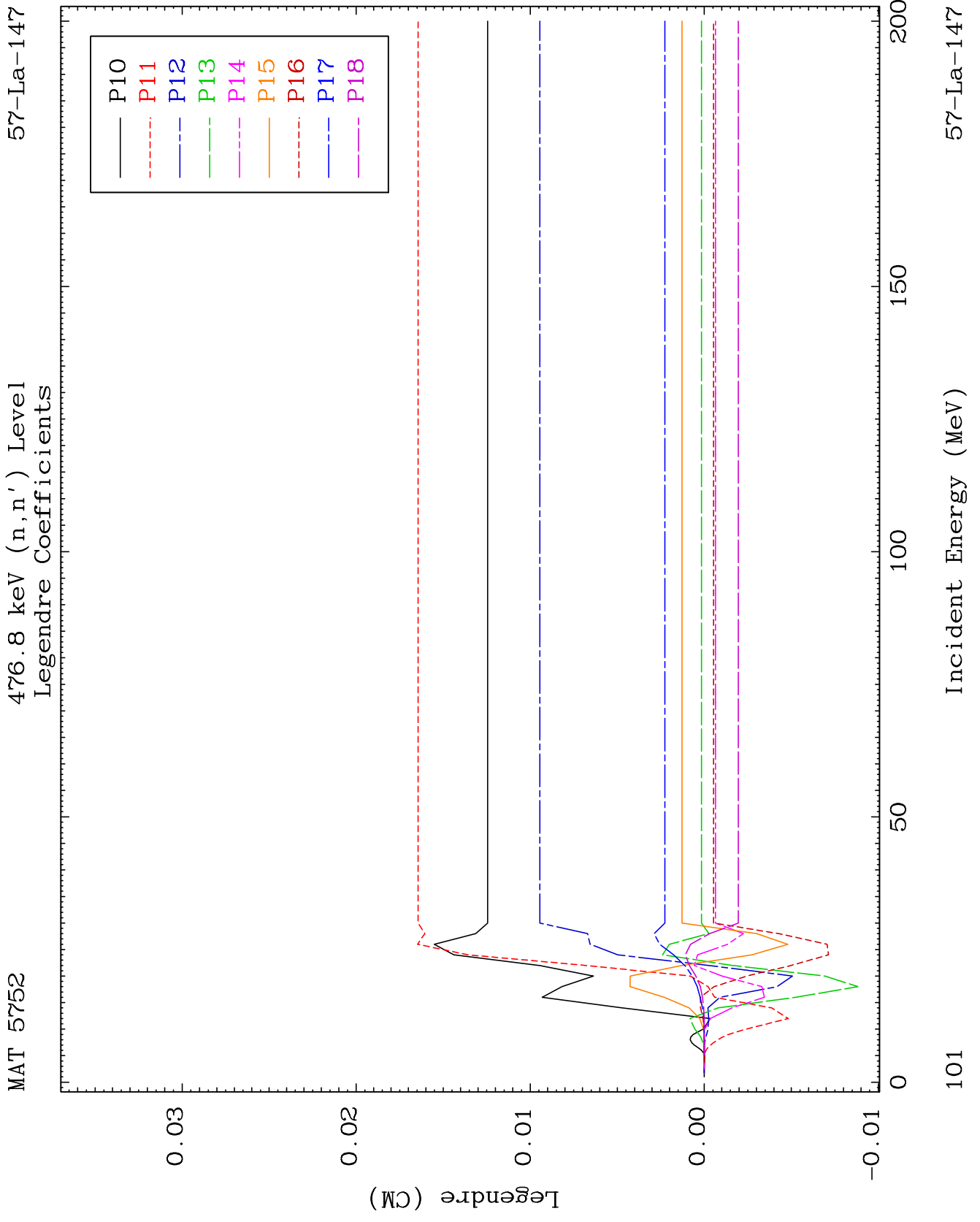
97

Incident Energy (MeV)

57-La-147



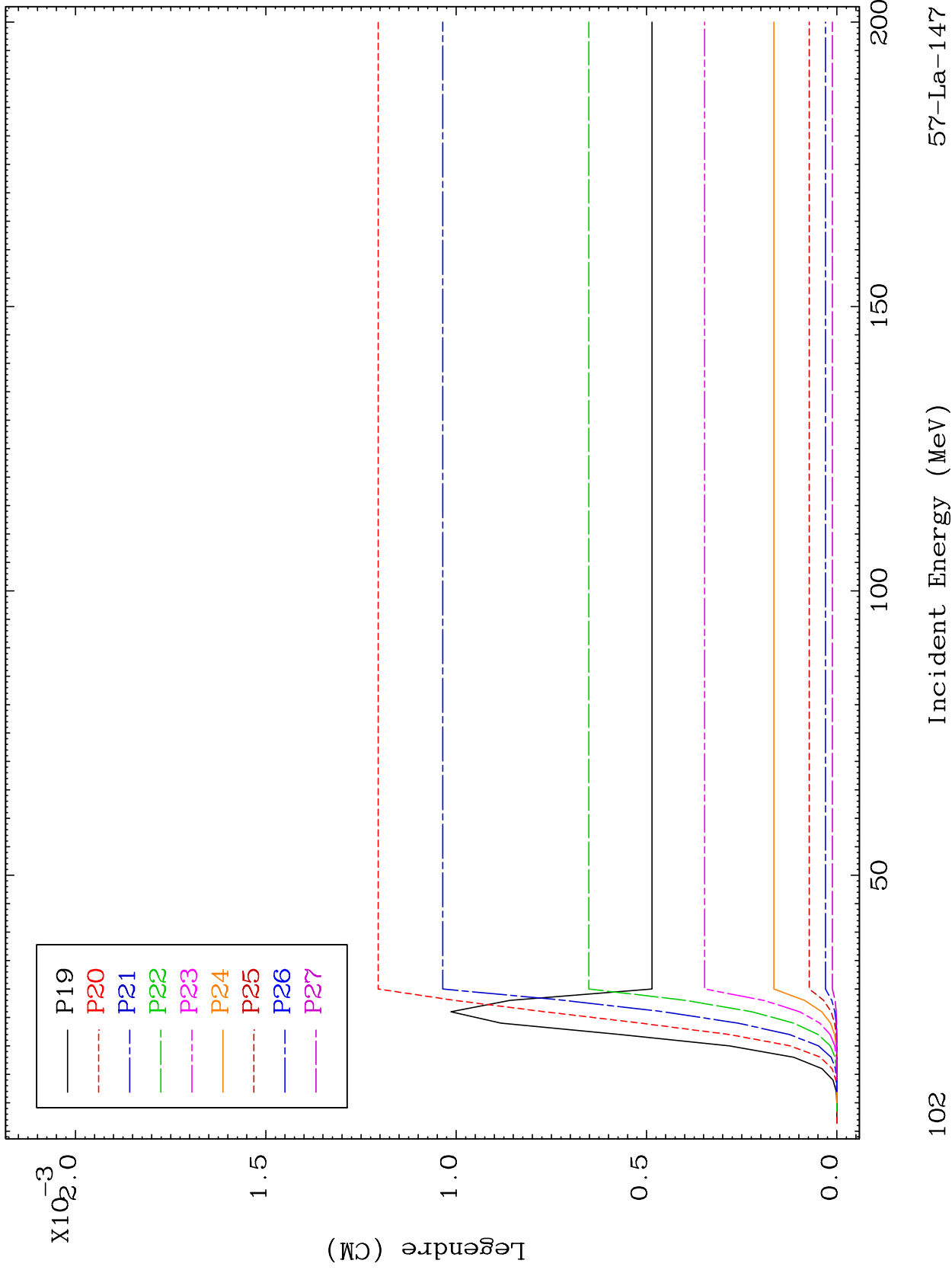




MAT 5752

476.8 keV (n,n') Level
Legendre Coefficients

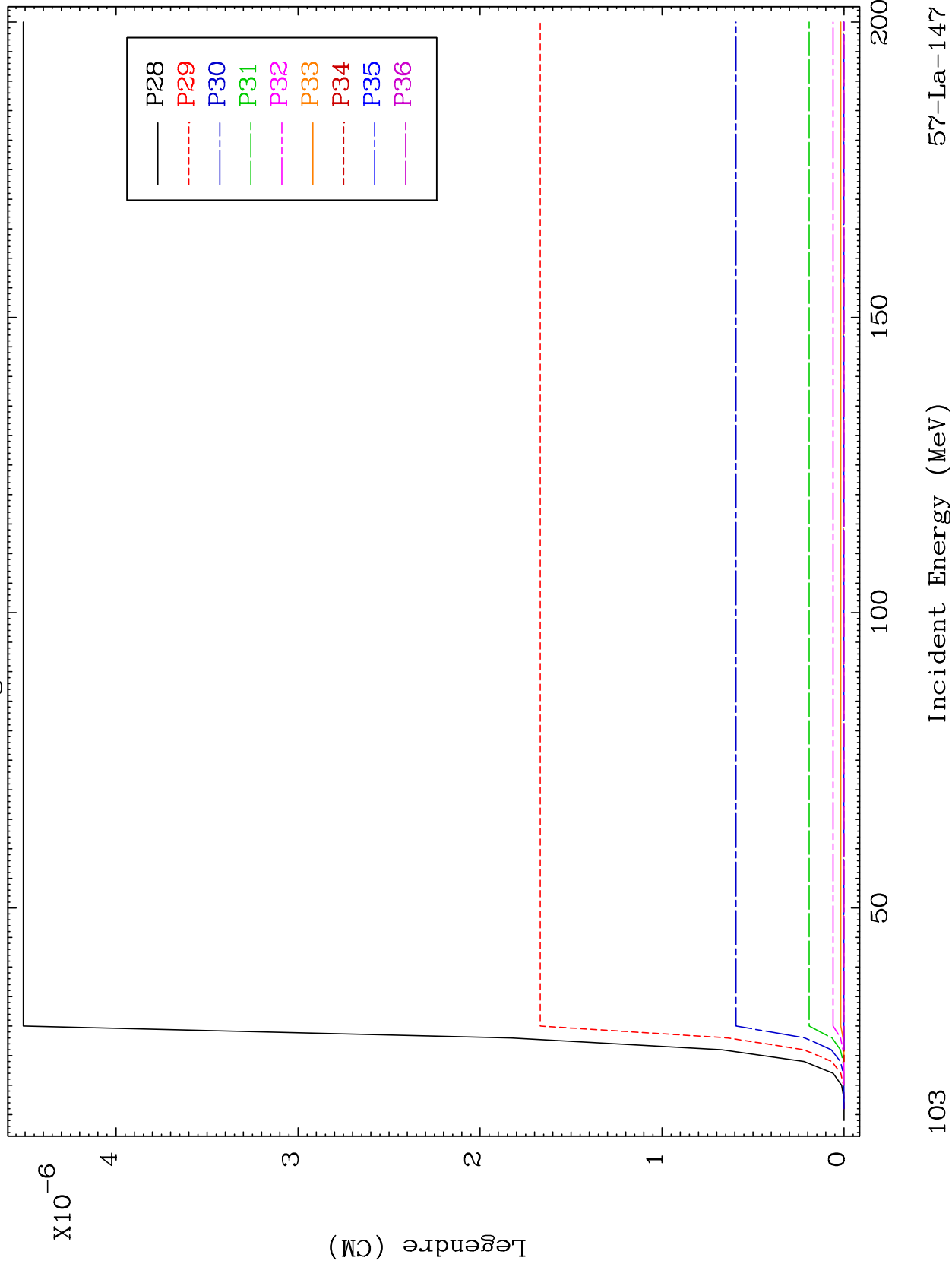
57-La-147



MAT 5752

476.8 keV (n,n') Level
Legendre Coefficients

57-La-147



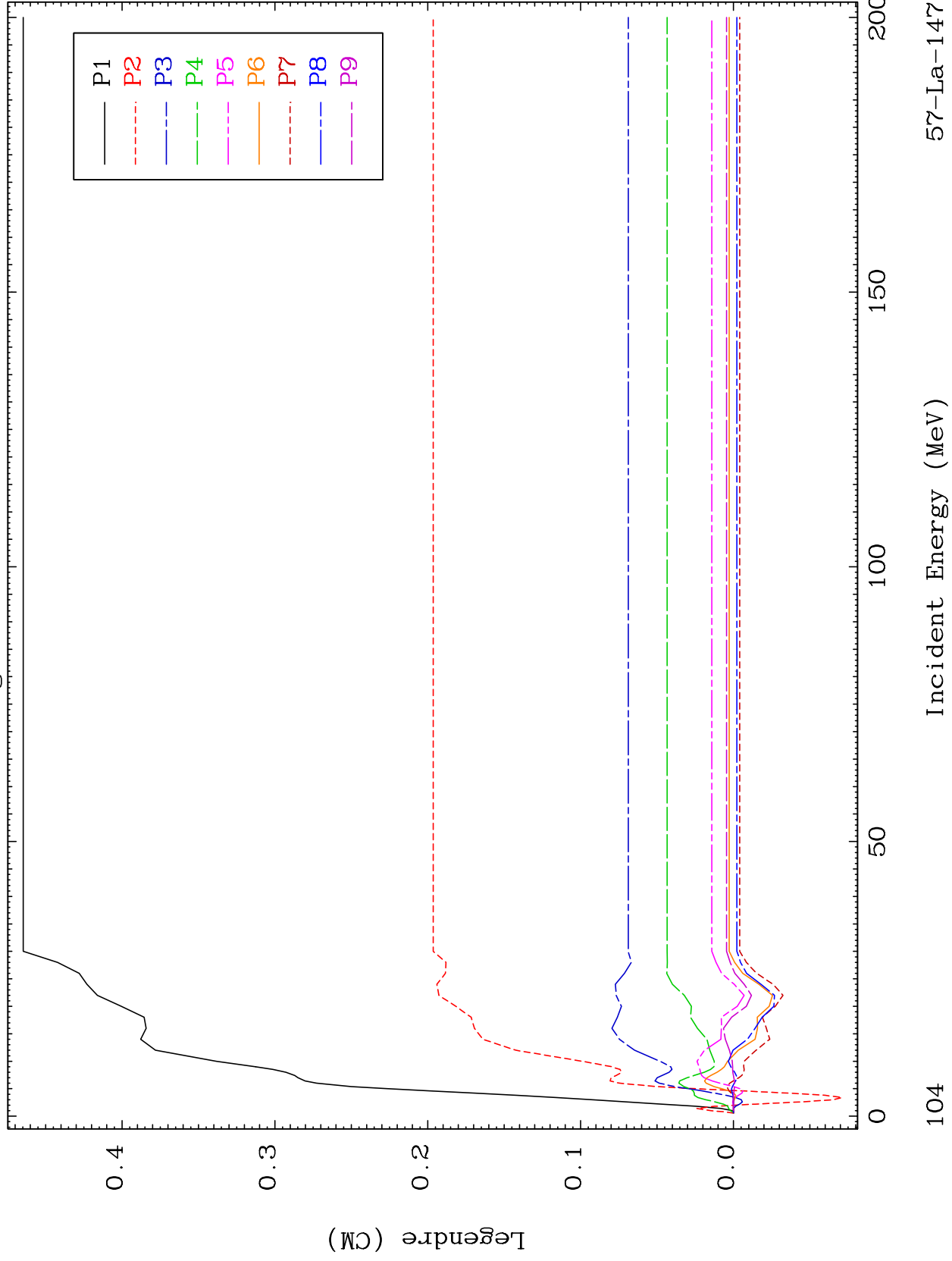
103

57-La-147

MAT 5752

510.8 keV (n,n') Level
Legendre Coefficients

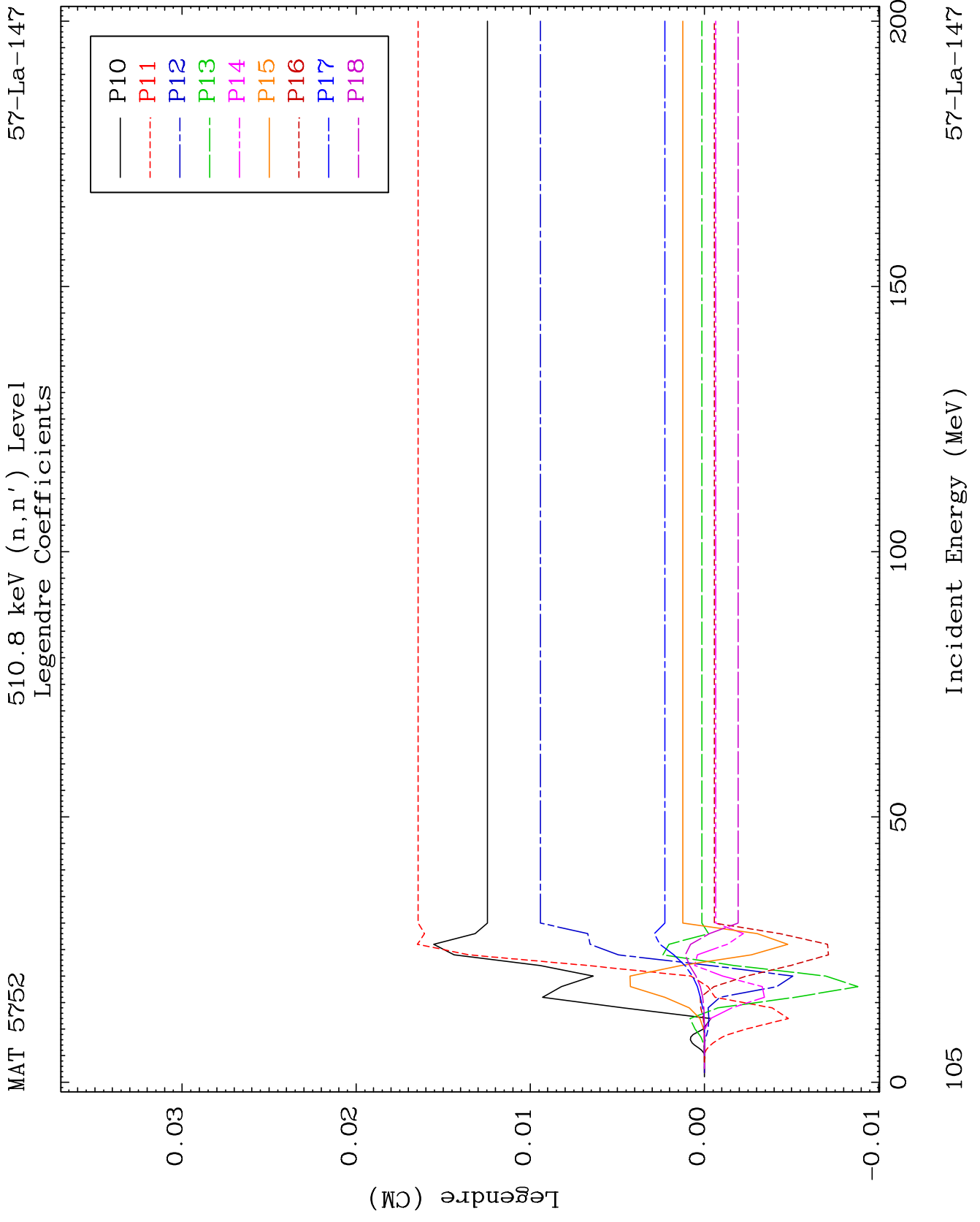
57-La-147

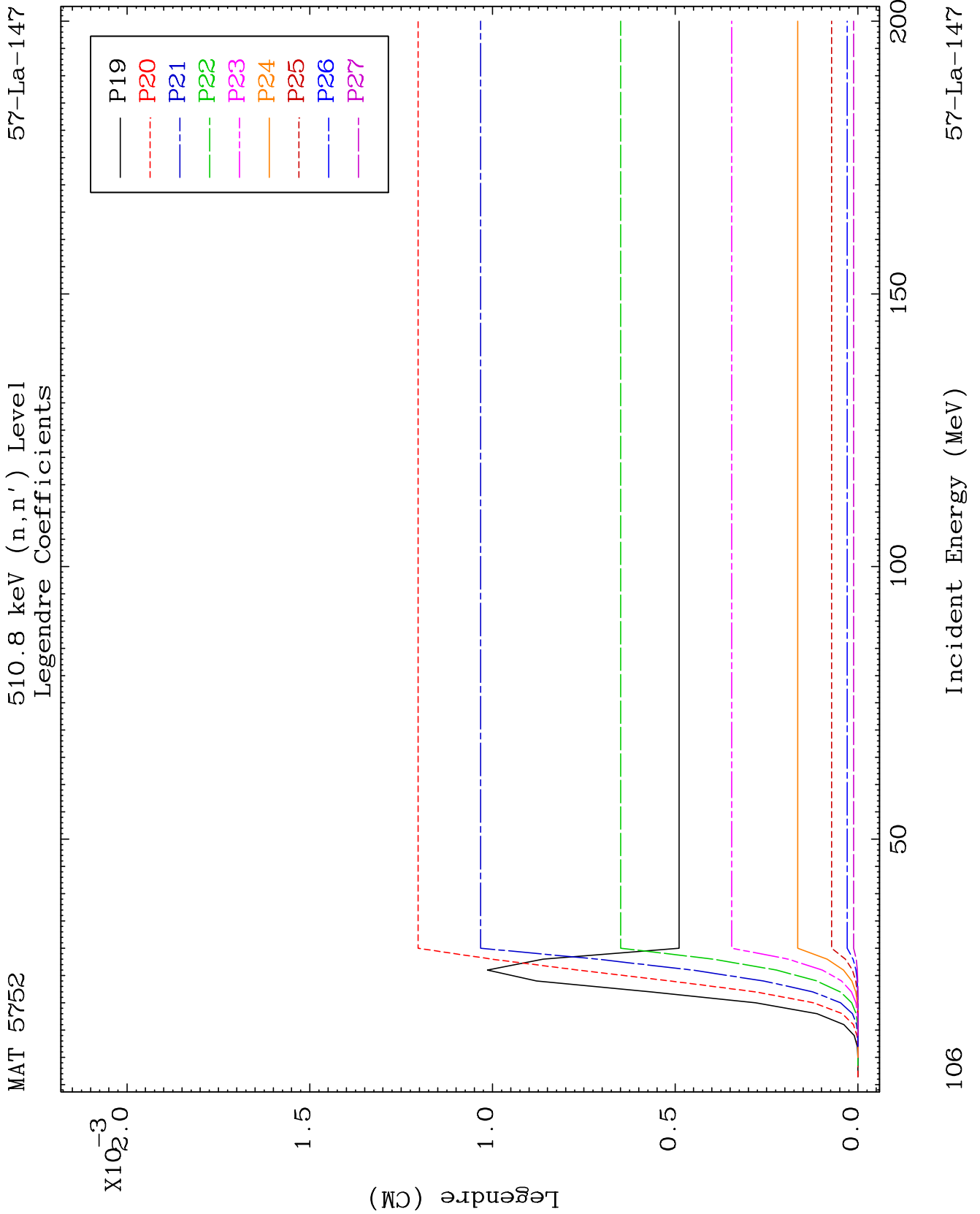


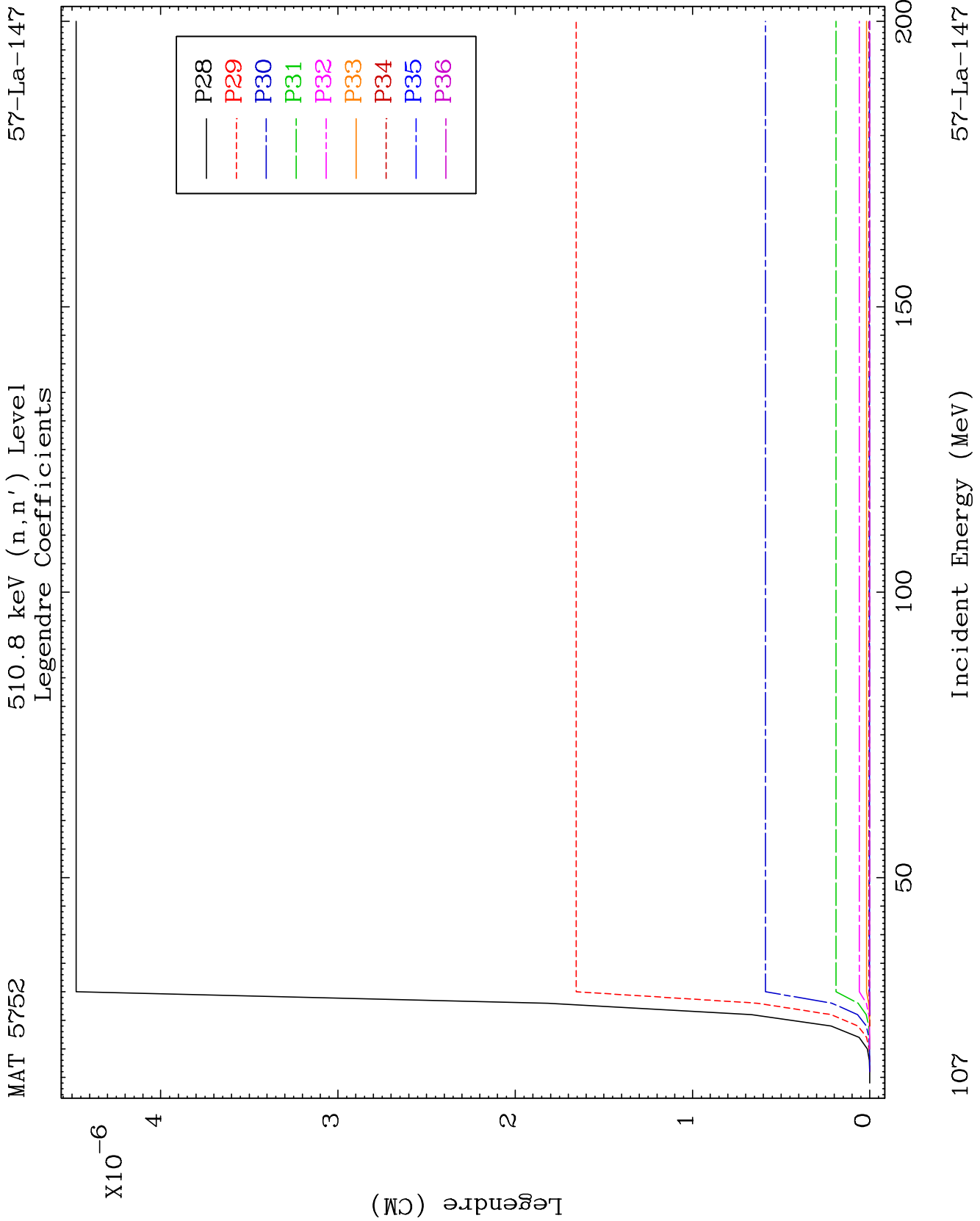
57-La-147

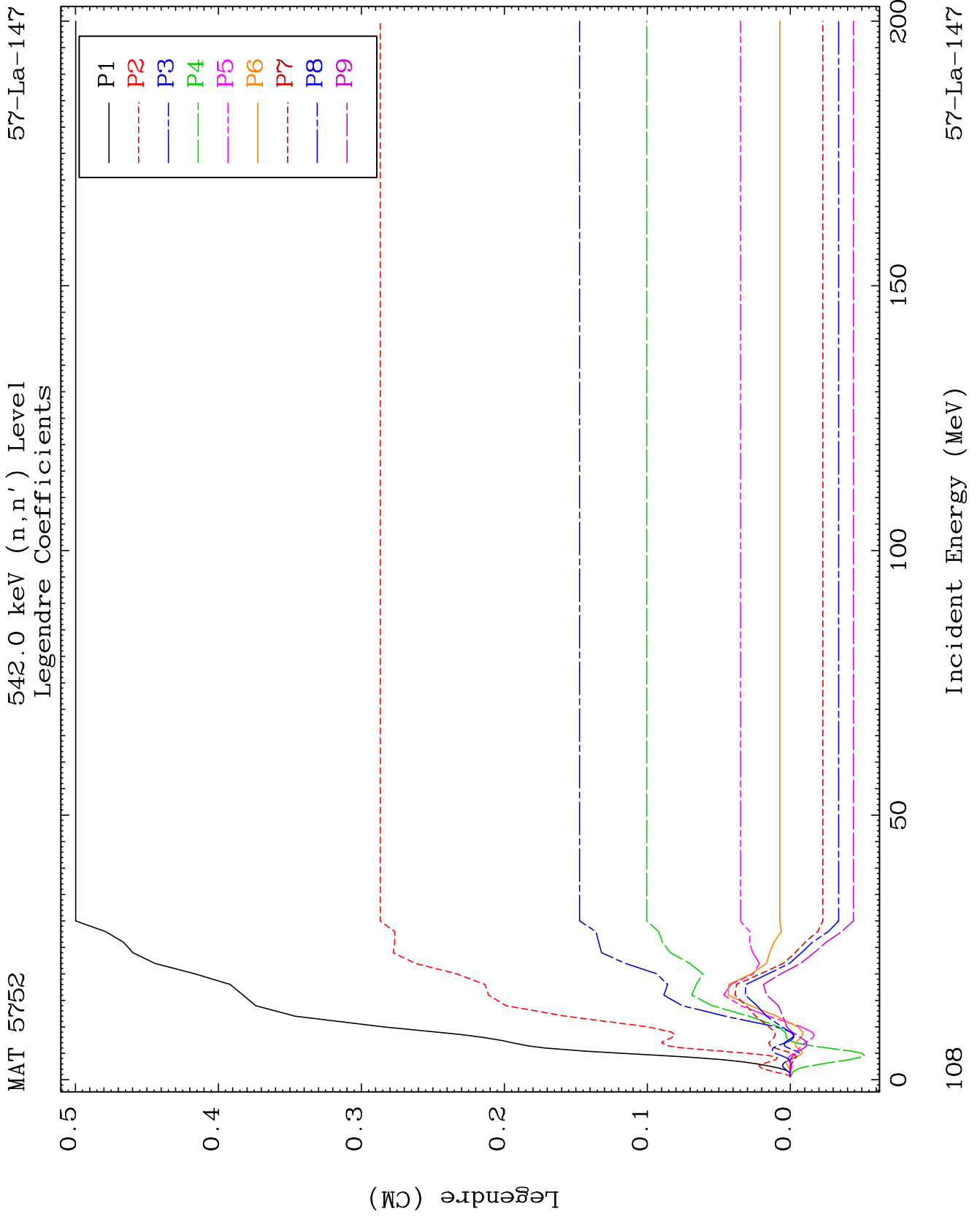
Incident Energy (MeV)

104





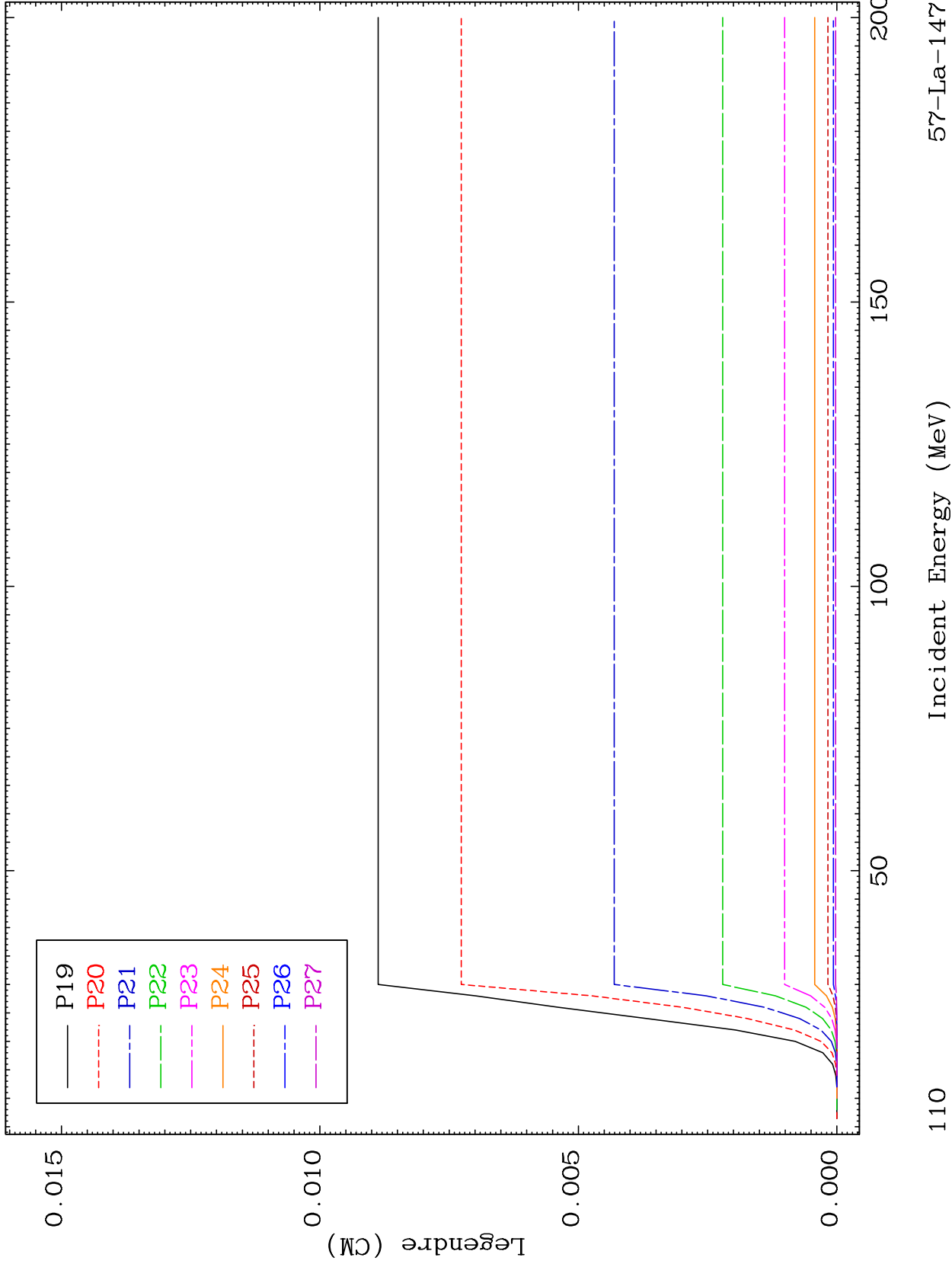




MAT 5752

542.0 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

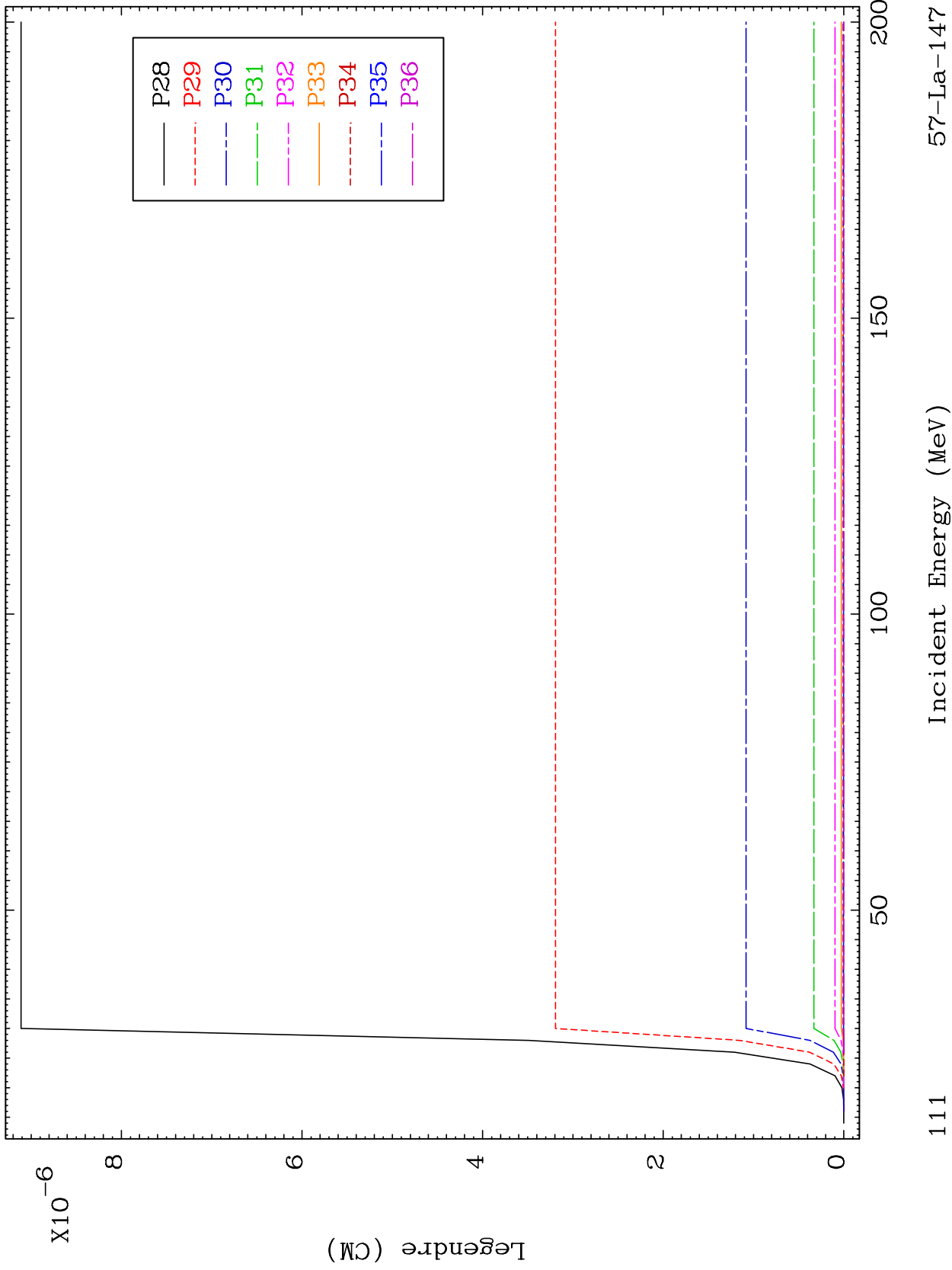
Incident Energy (MeV)

110

MAT 5752

542.0 keV (n,n') Level
Legendre Coefficients

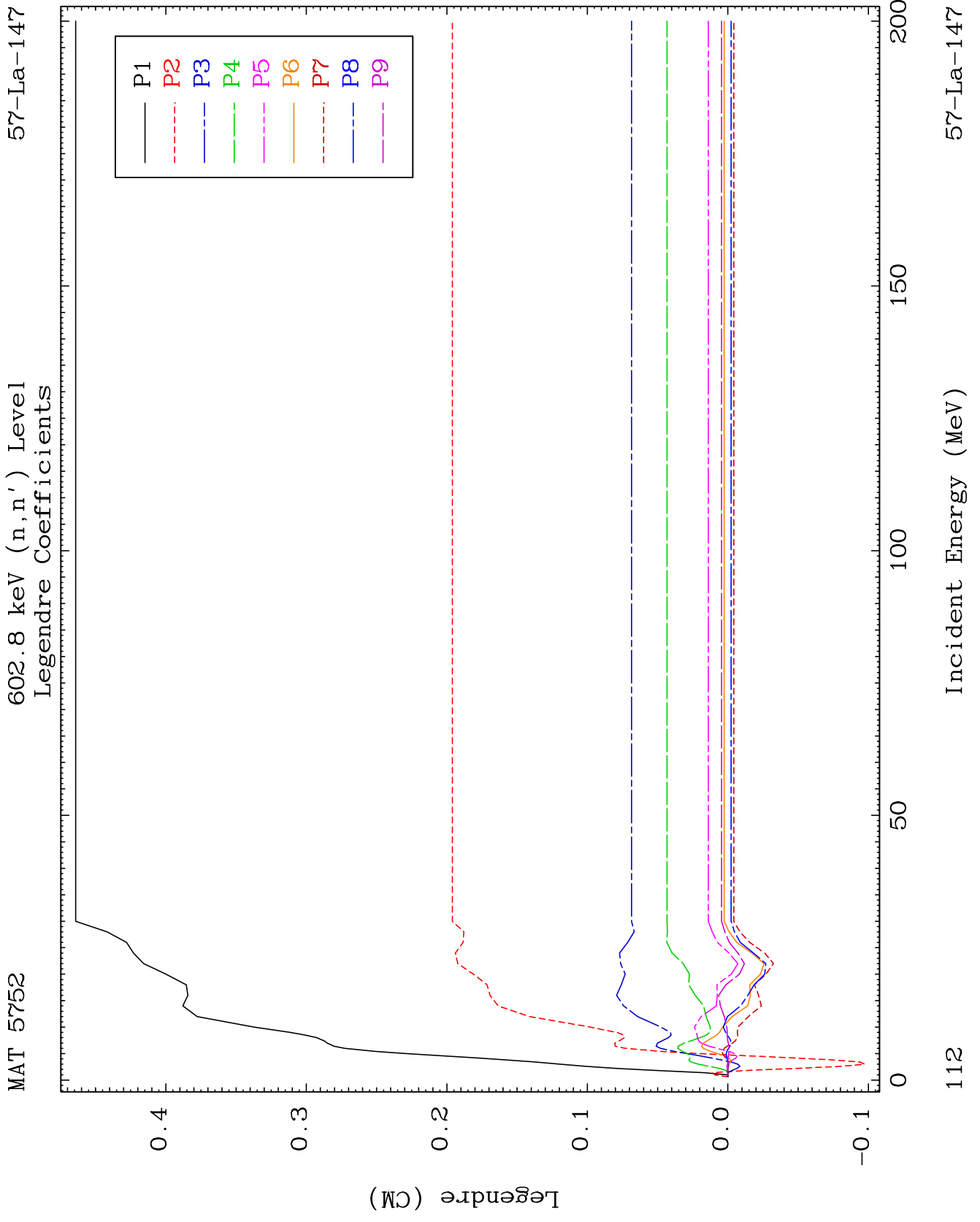
57-La-147



111

Incident Energy (MeV)

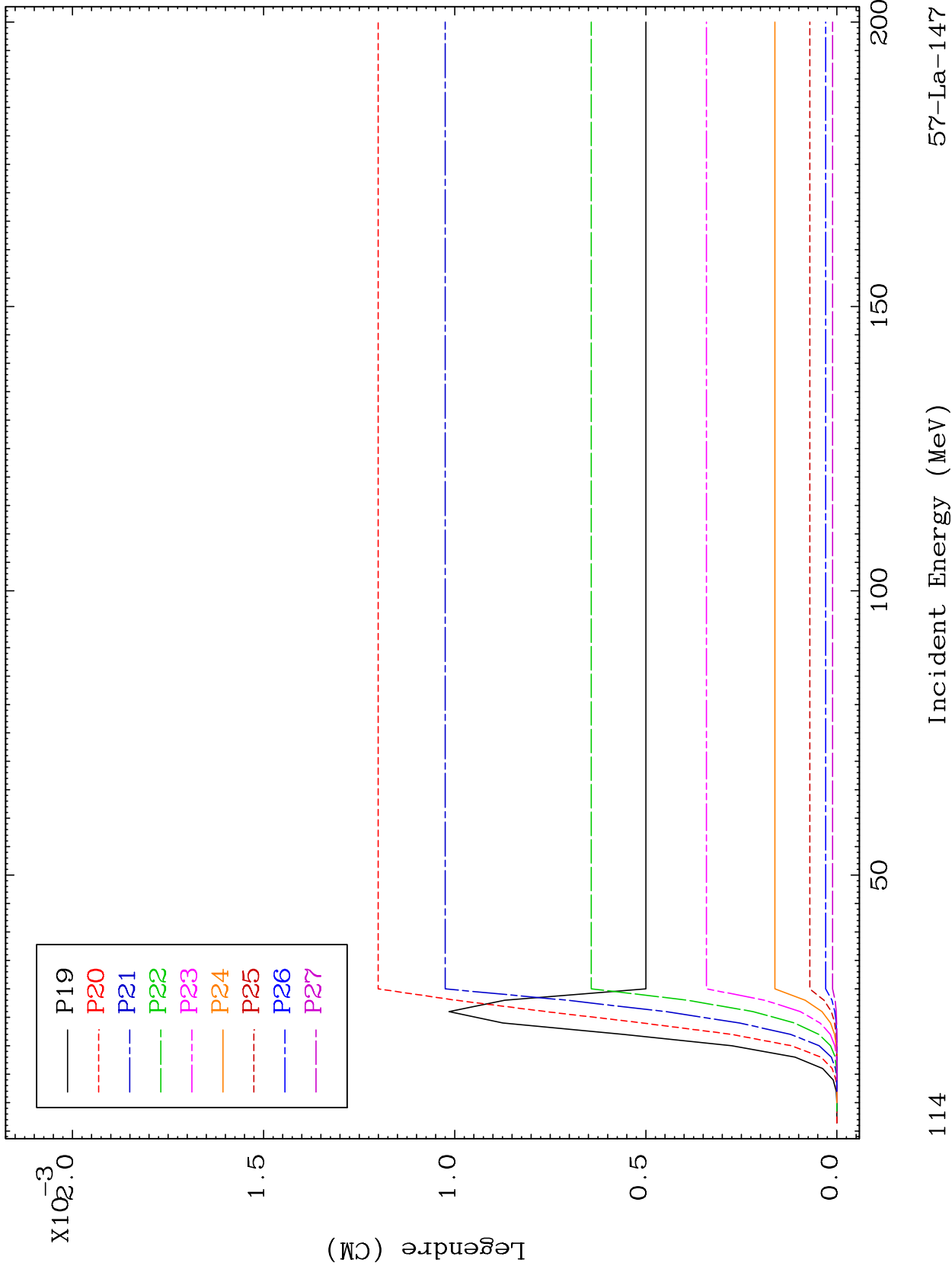
57-La-147



MAT 5752

602.8 keV (n, n') Level
Legendre Coefficients

57-La-147



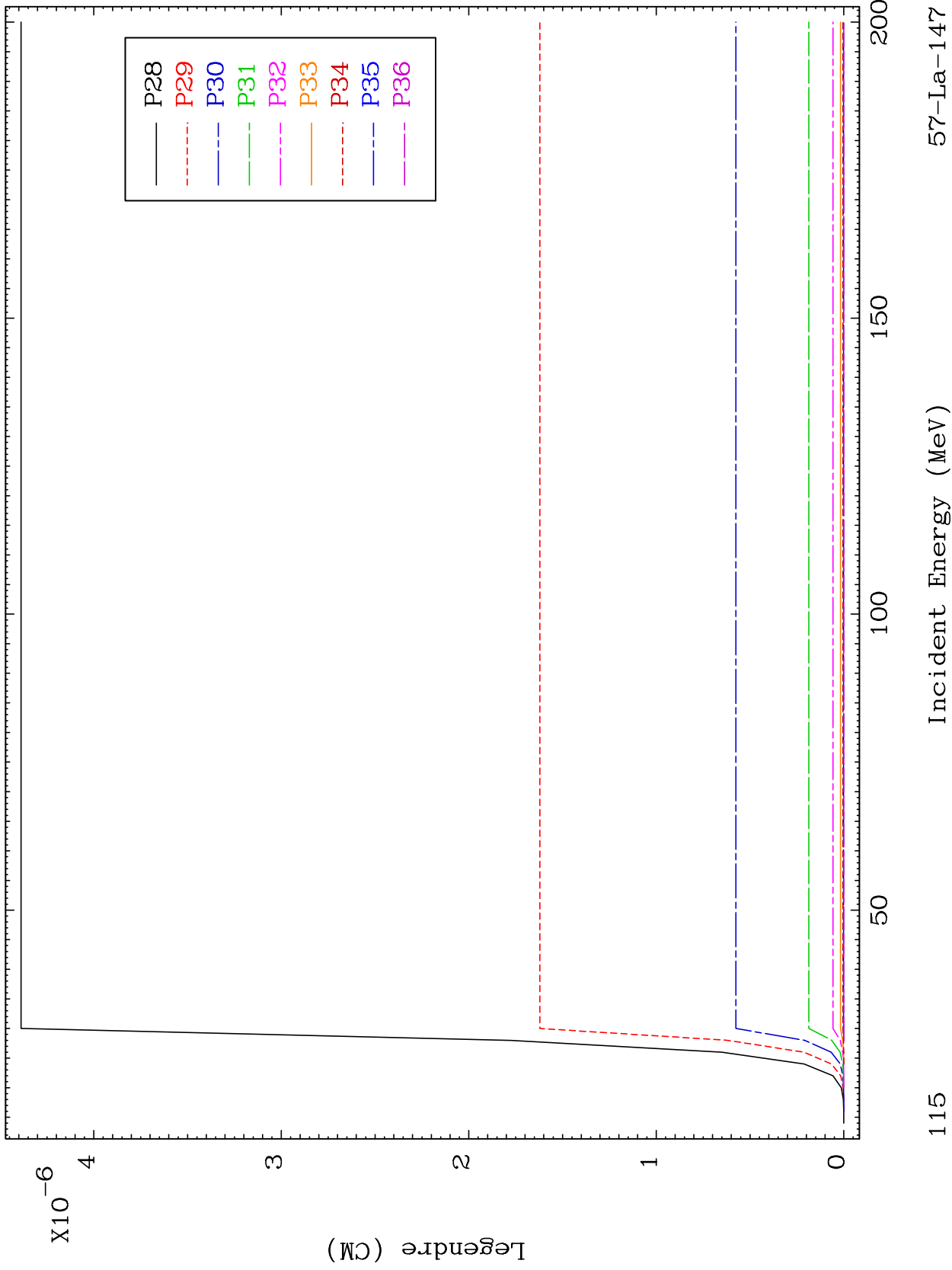
114

57-La-147

MAT 5752

602.8 keV (n,n') Level
Legendre Coefficients

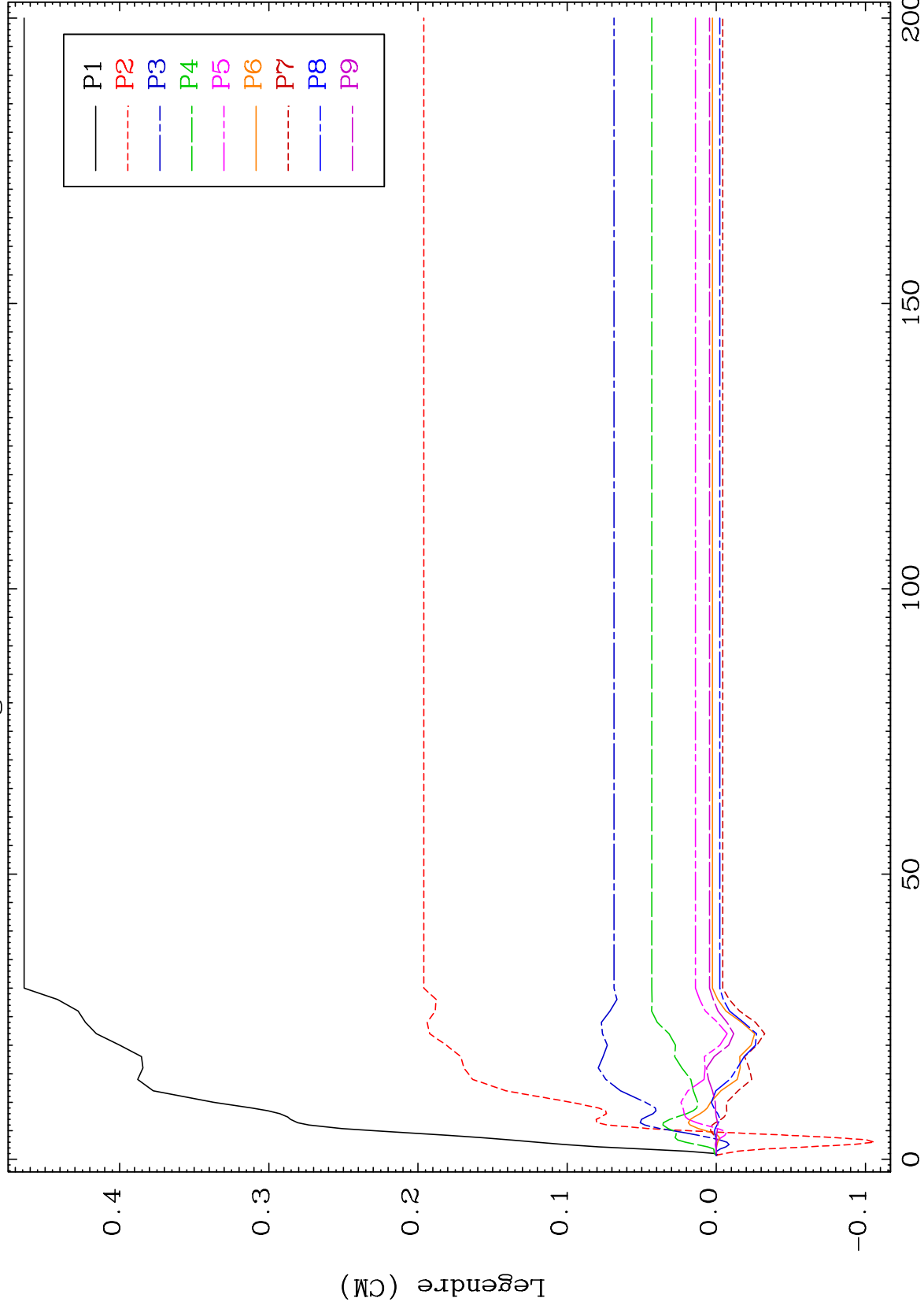
57-La-147



MAT 5752

620.0 keV (n,n') Level
Legendre Coefficients

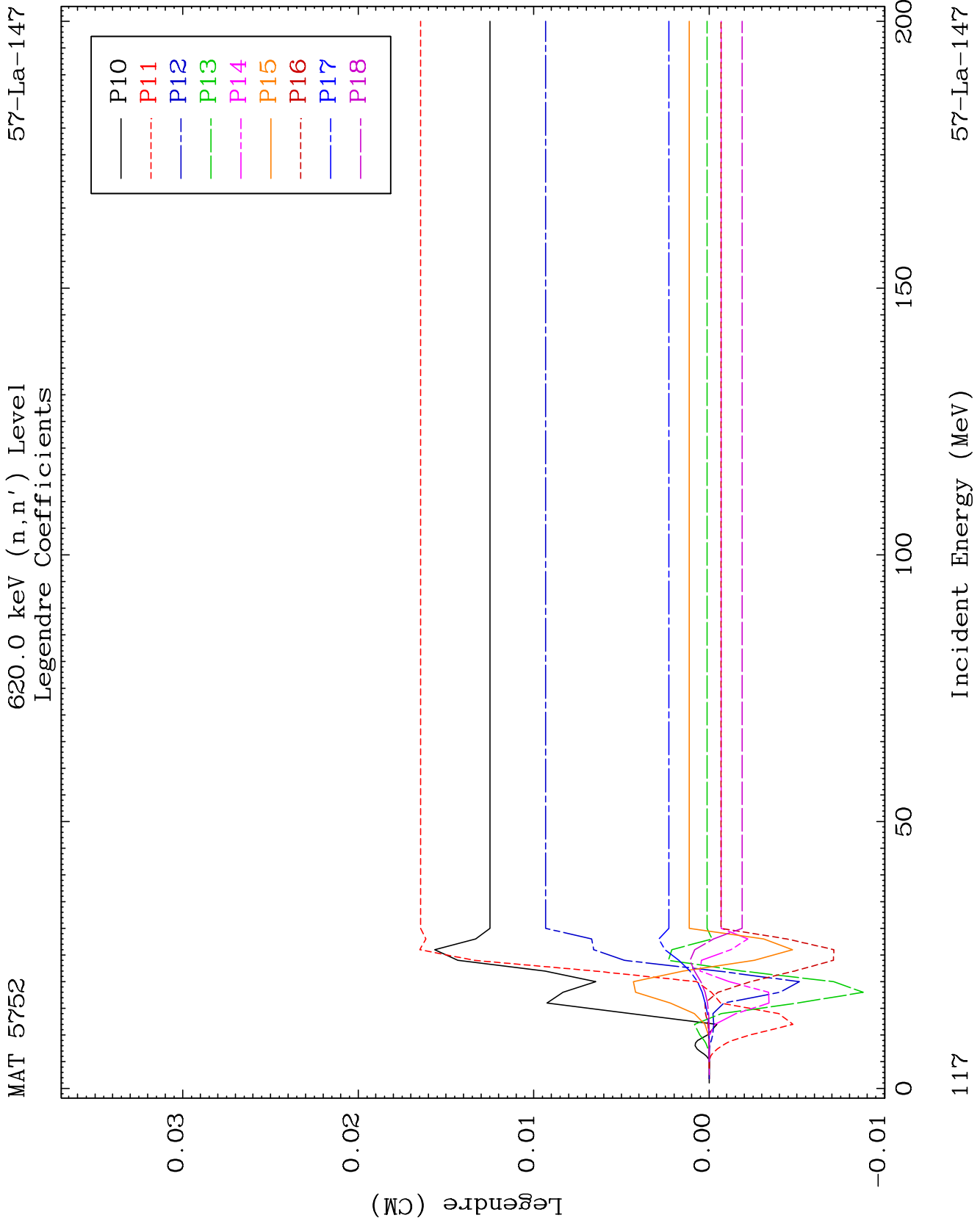
57-La-147



57-La-147

Incident Energy (MeV)

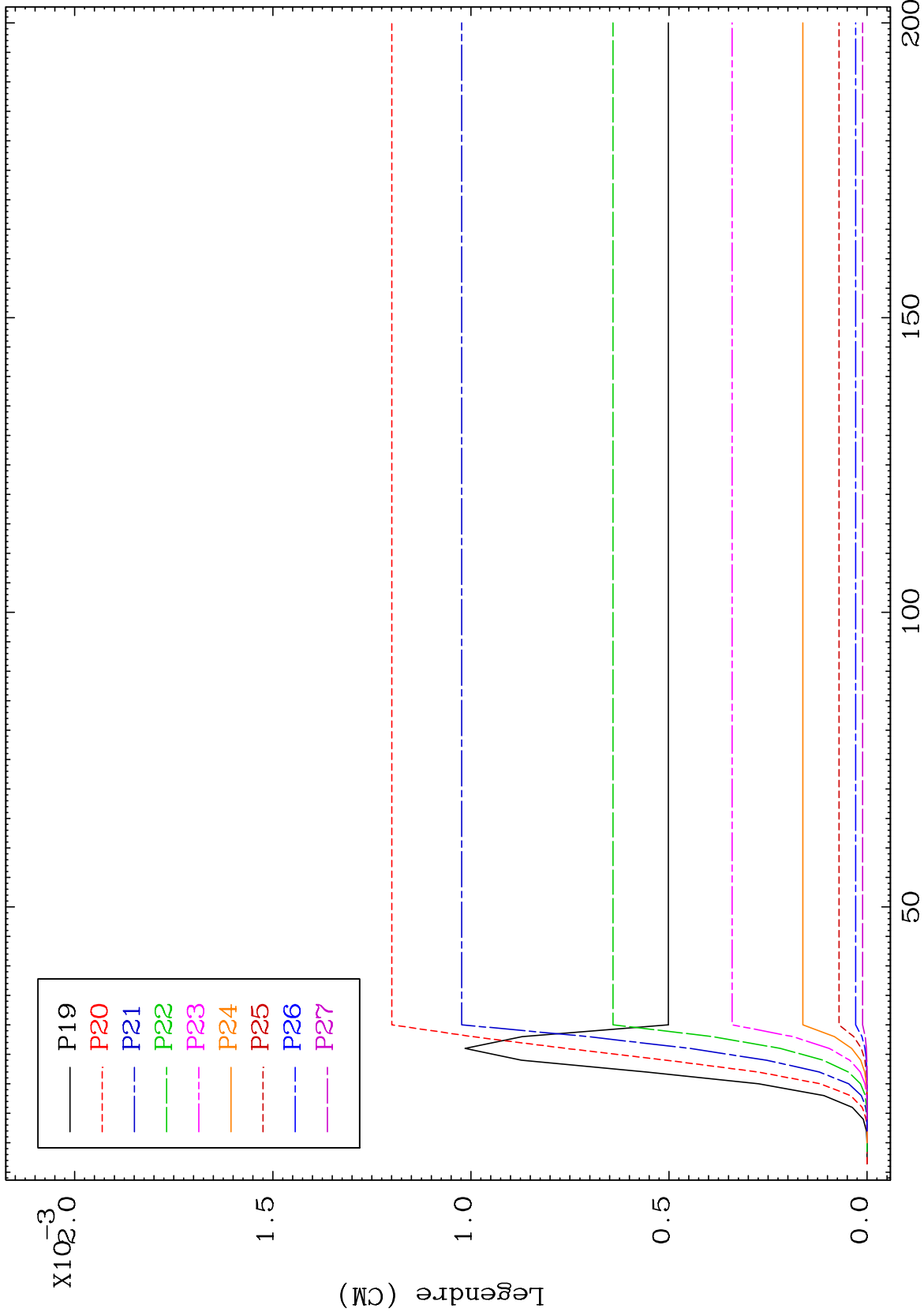
116



MAT 5752

620.0 keV (n,n') Level
Legendre Coefficients

57-La-147



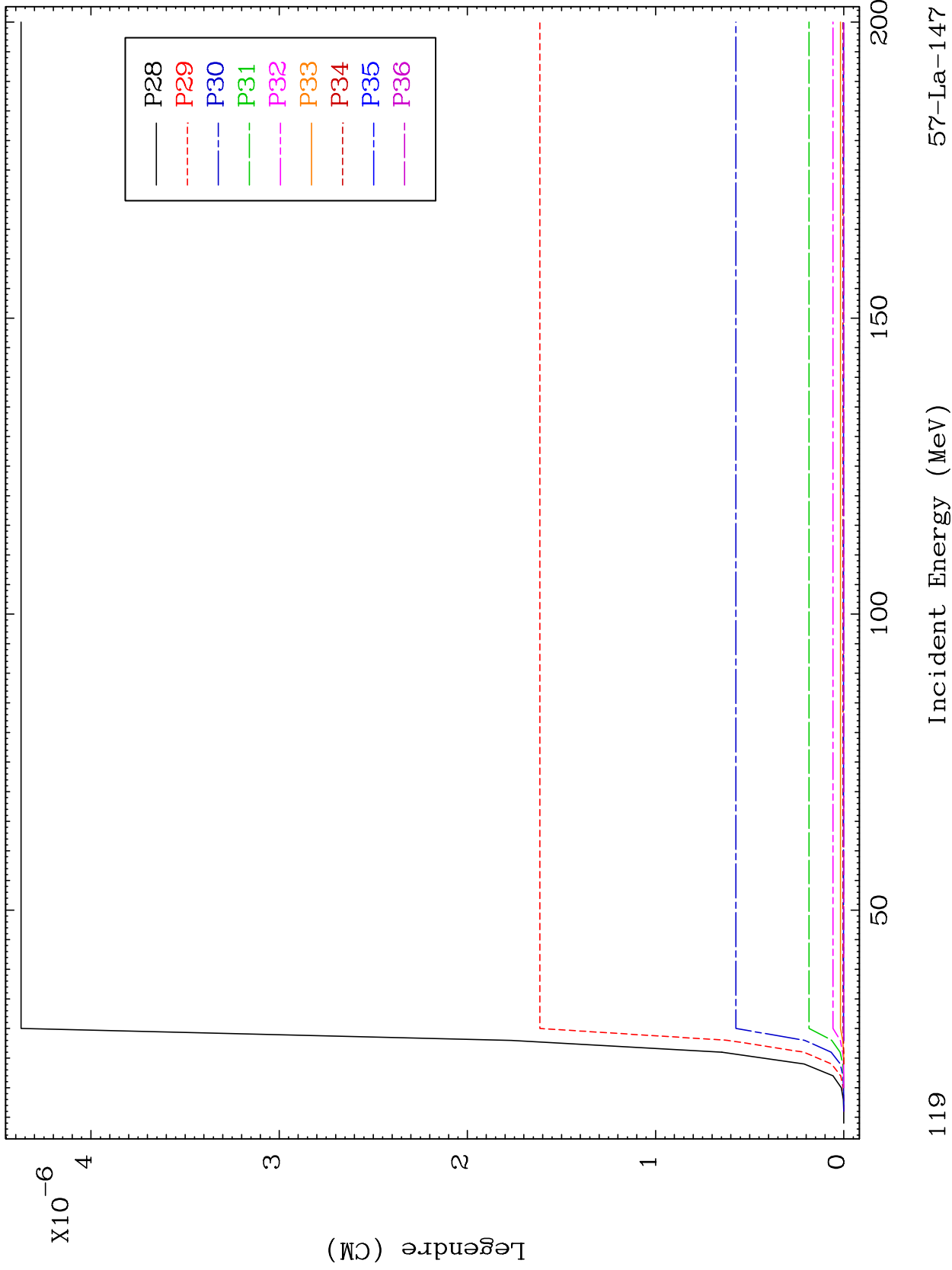
118

57-La-147

MAT 5752

620.0 keV (n,n') Level
Legendre Coefficients

57-La-147



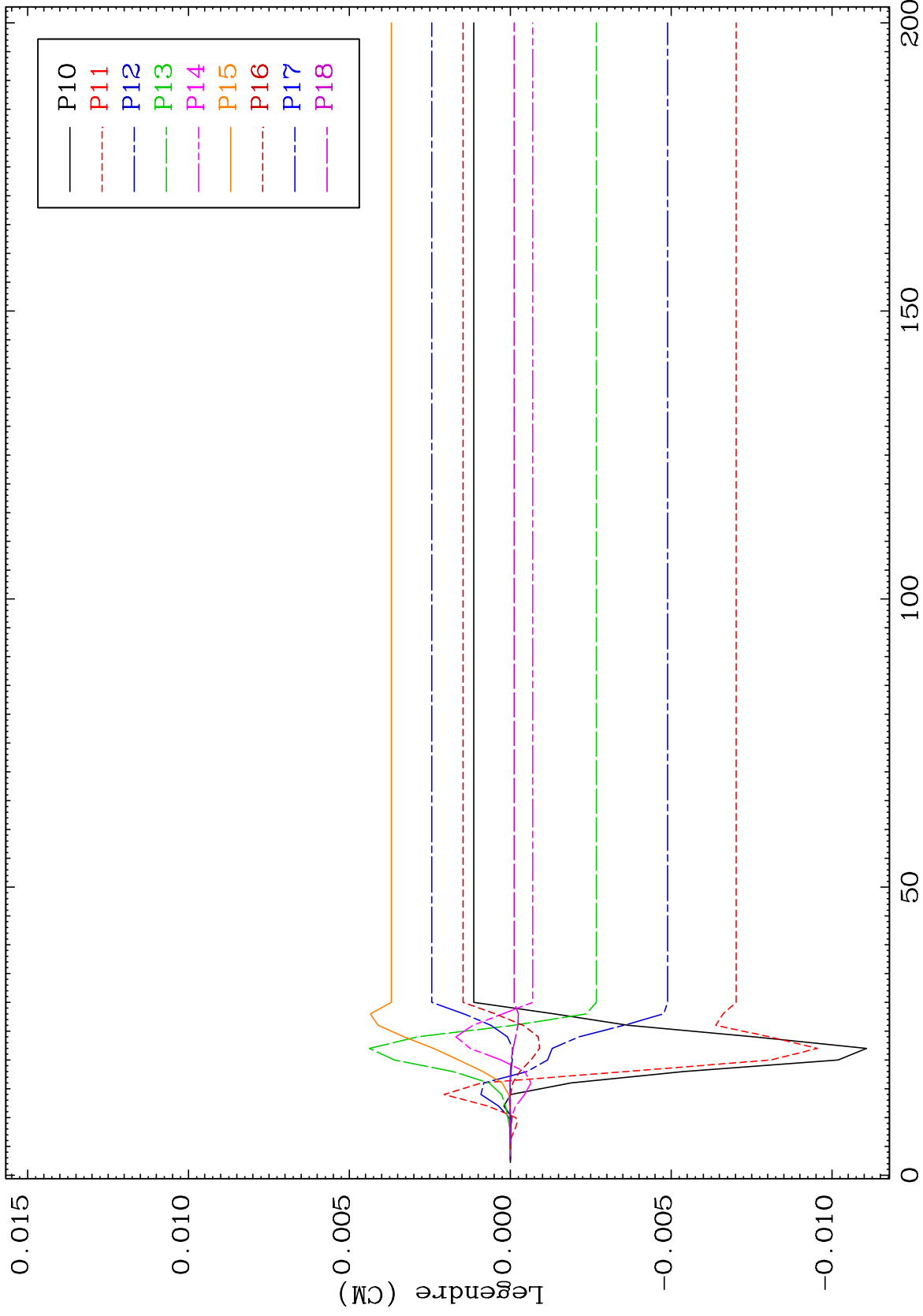
119

57-La-147

MAT 5752

703.3 keV (n,n') Level
Legendre Coefficients

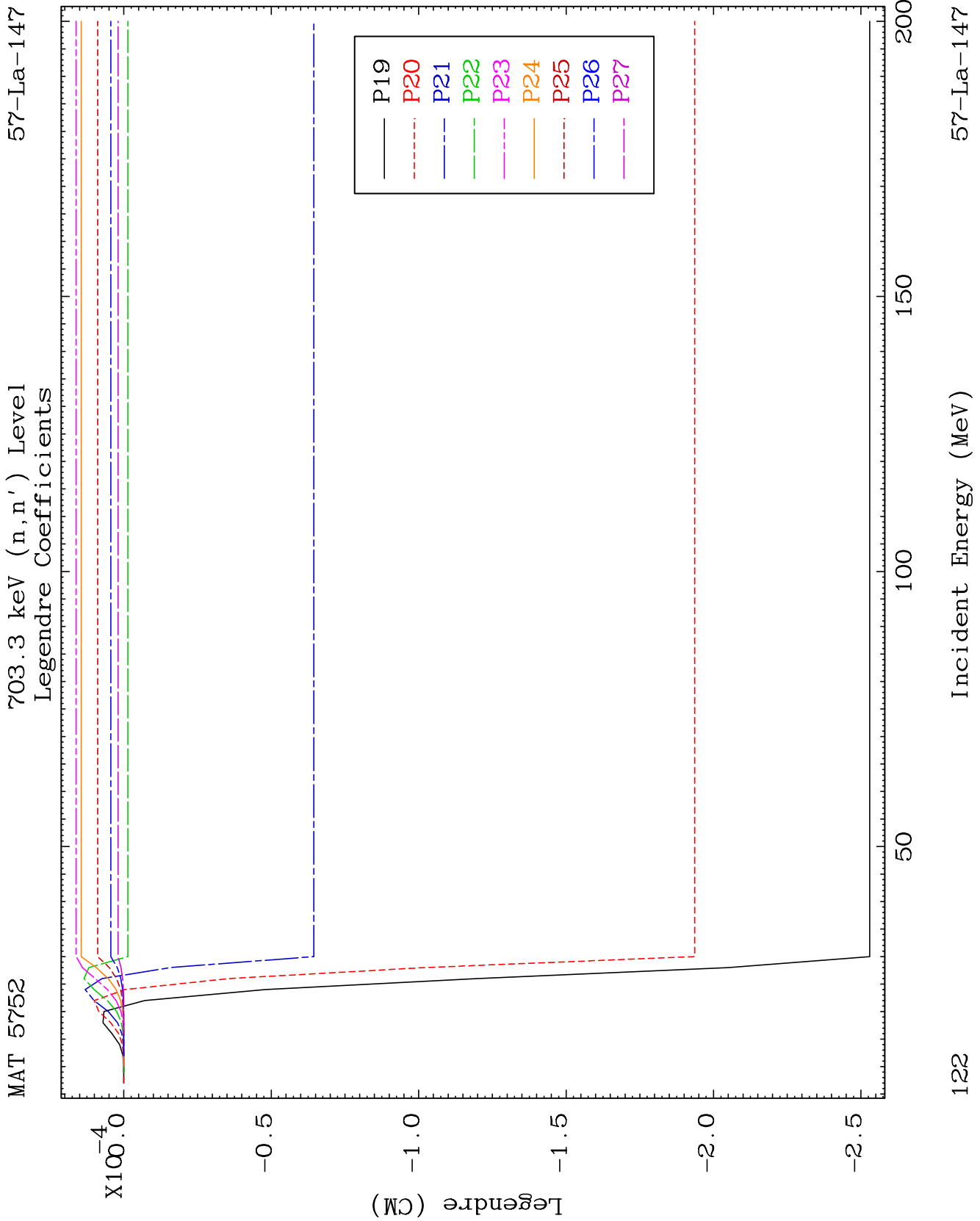
57-La-147



121

Incident Energy (MeV)

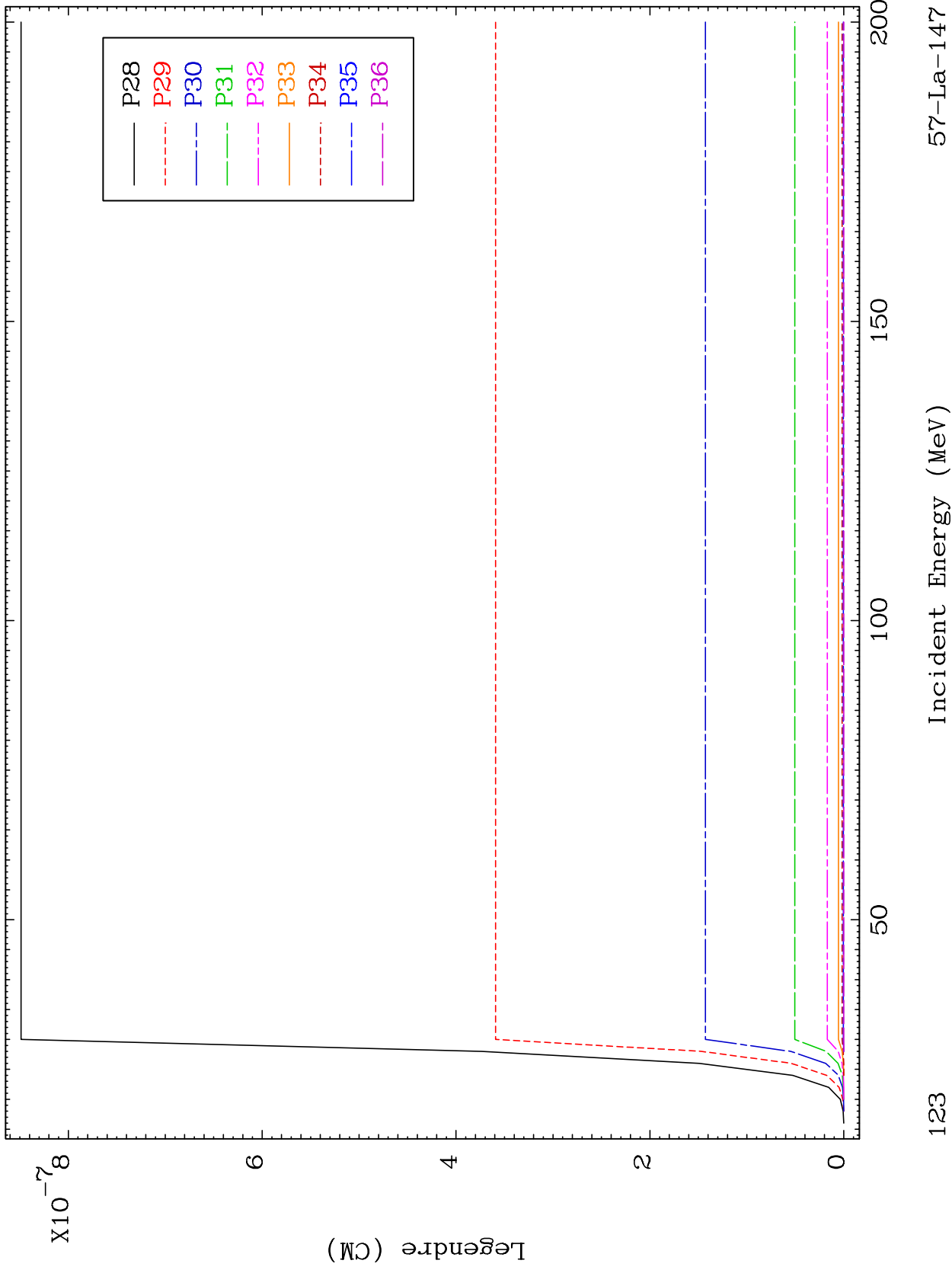
57-La-147



MAT 5752

703.3 keV (n,n') Level
Legendre Coefficients

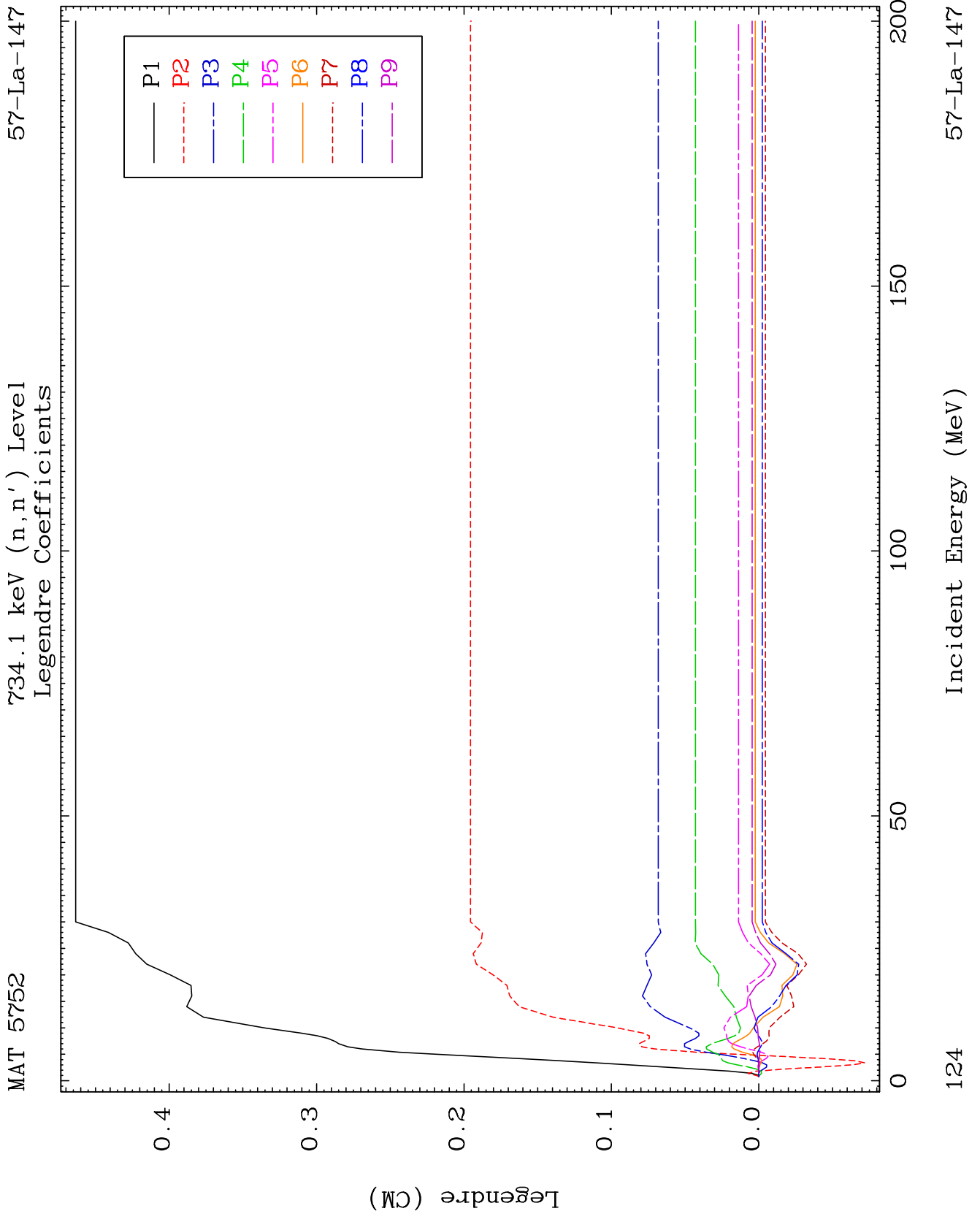
57-La-147

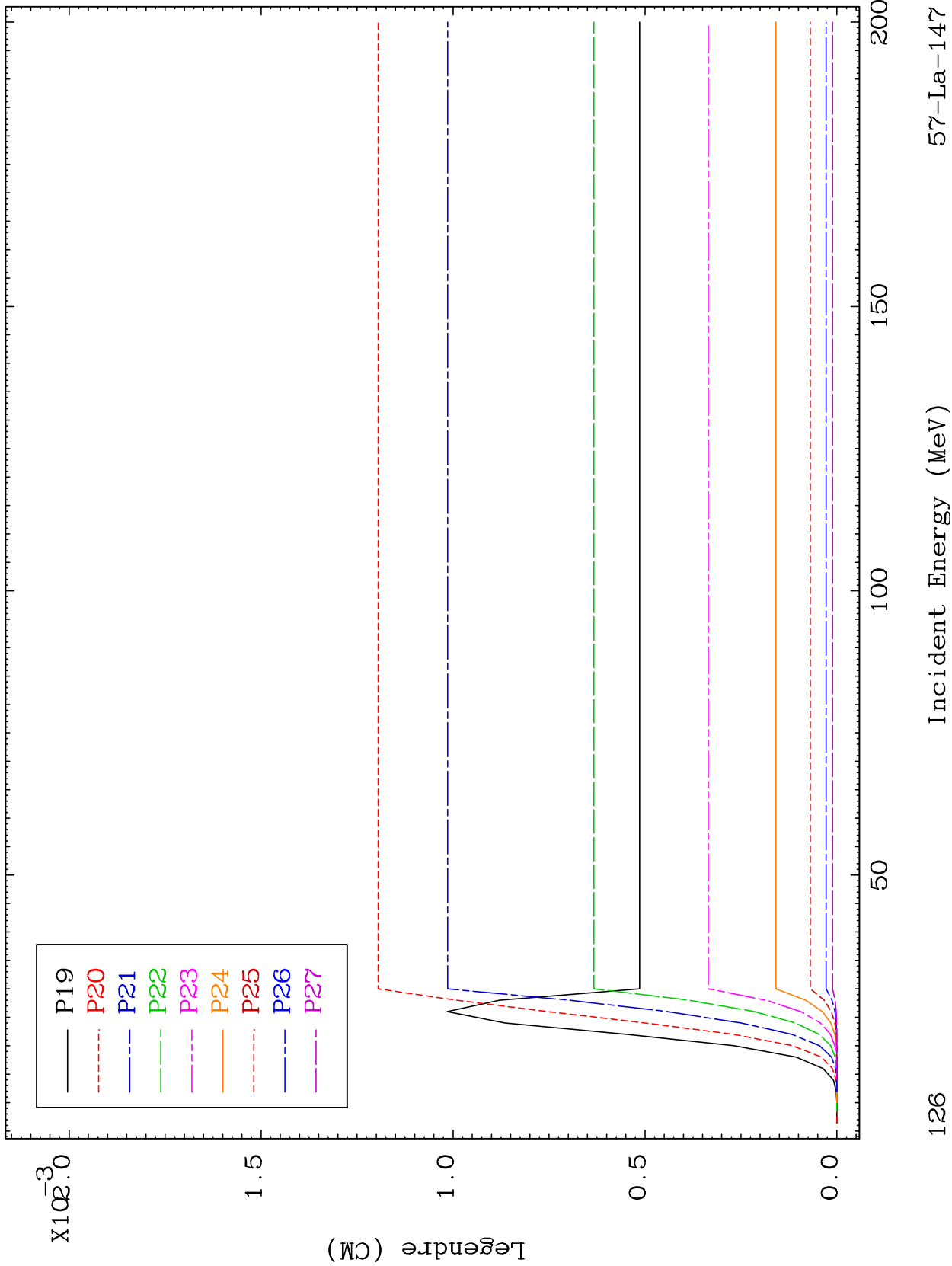


123

Incident Energy (MeV)

57-La-147

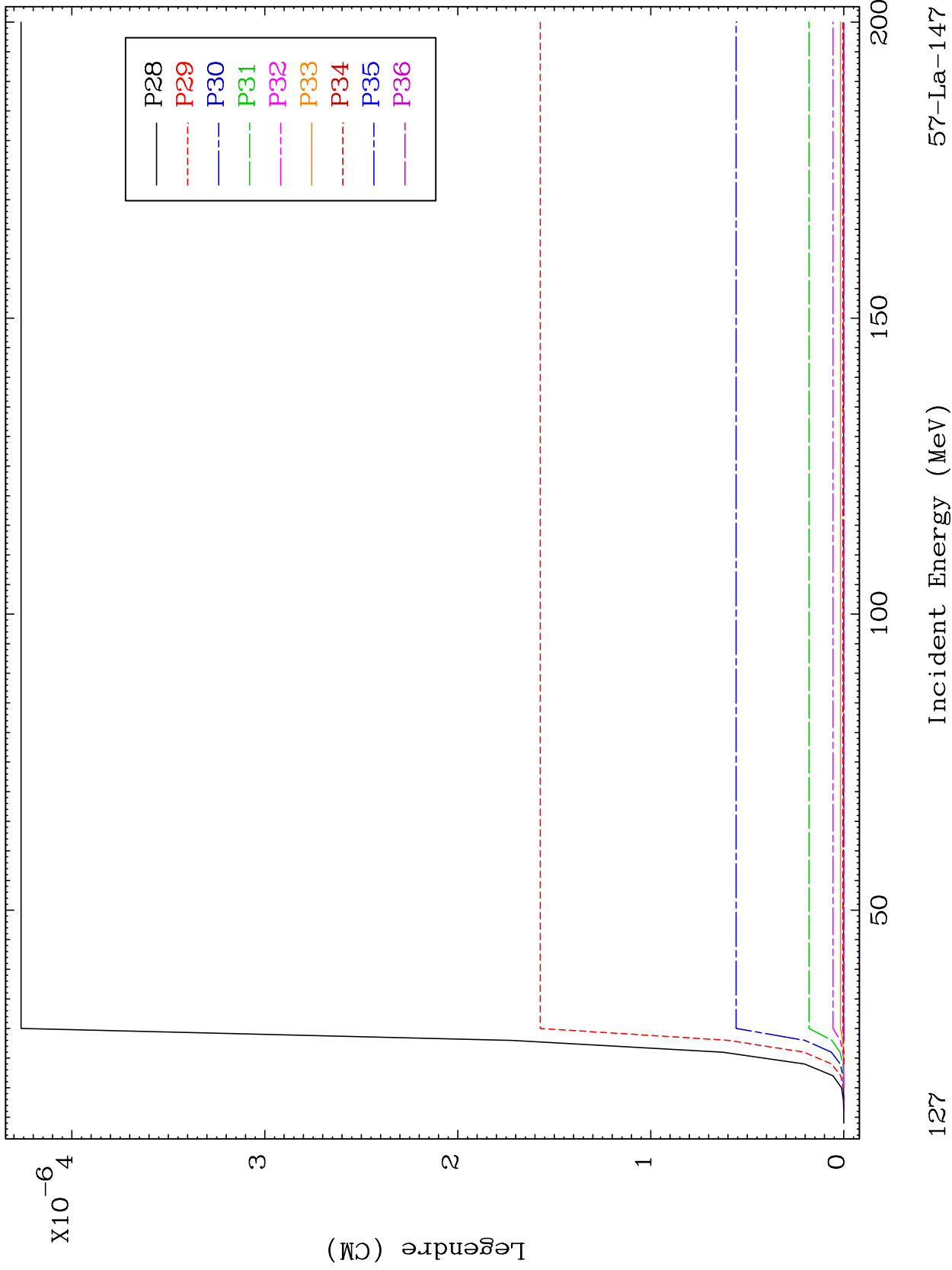




MAT 5752

734.1 keV (n,n') Level
Legendre Coefficients

57-La-147



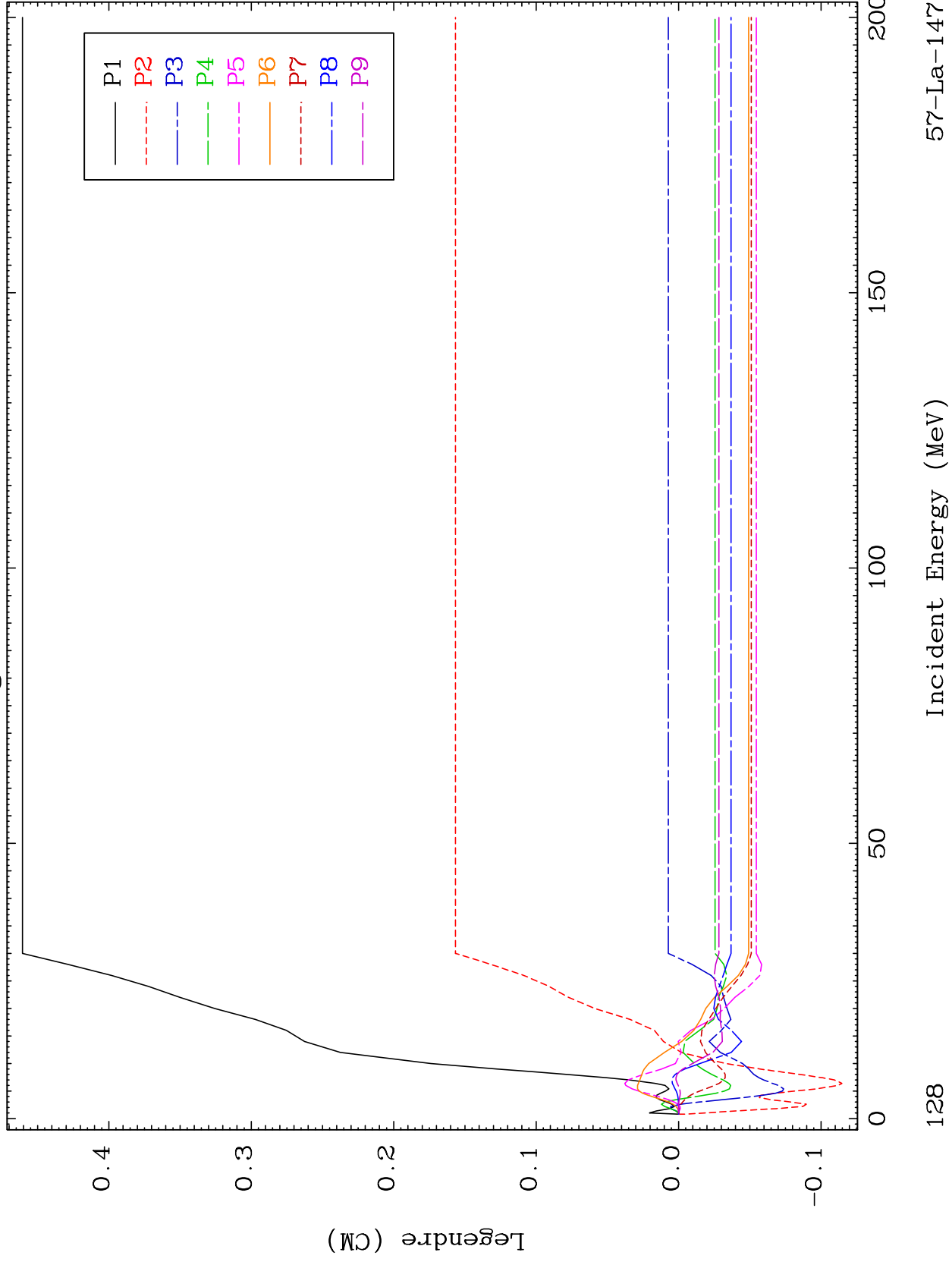
127

57-La-147

MAT 5752

777.8 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

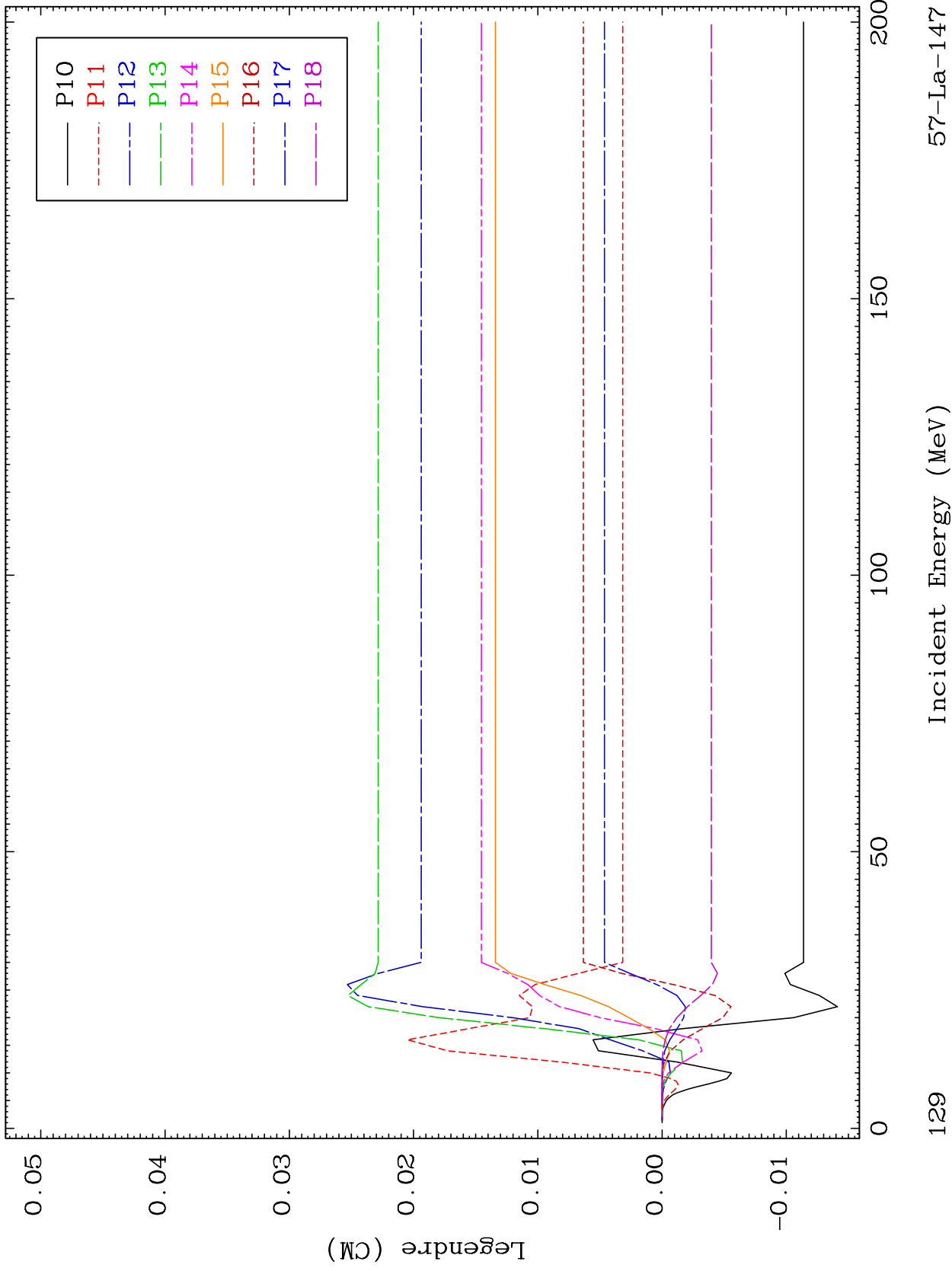
Incident Energy (MeV)

128

MAT 5752

777.8 keV (n,n') Level
Legendre Coefficients

57-La-147



129

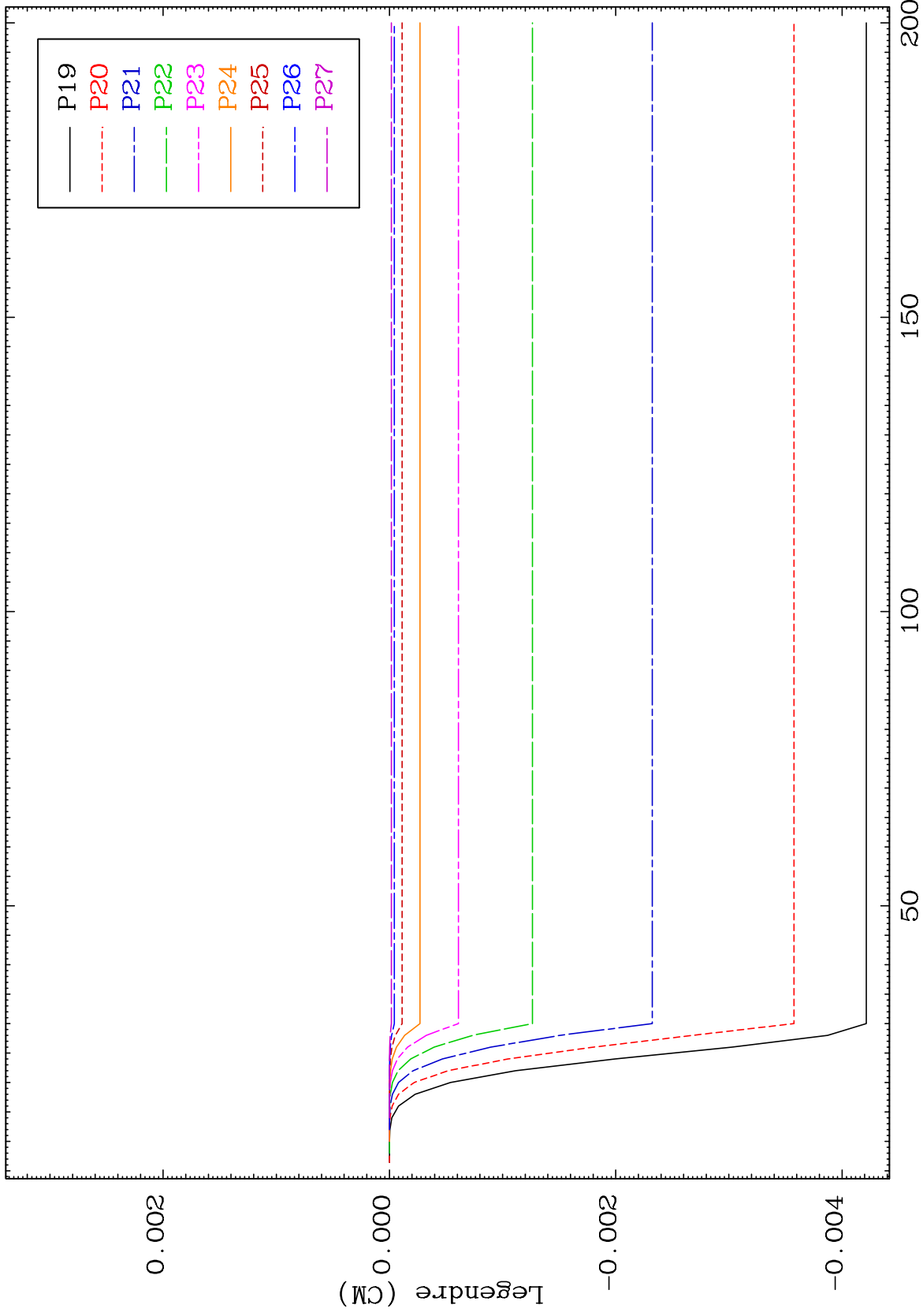
Incident Energy (MeV)

57-La-147

MAT 5752

777.8 keV (n,n') Level
Legendre Coefficients

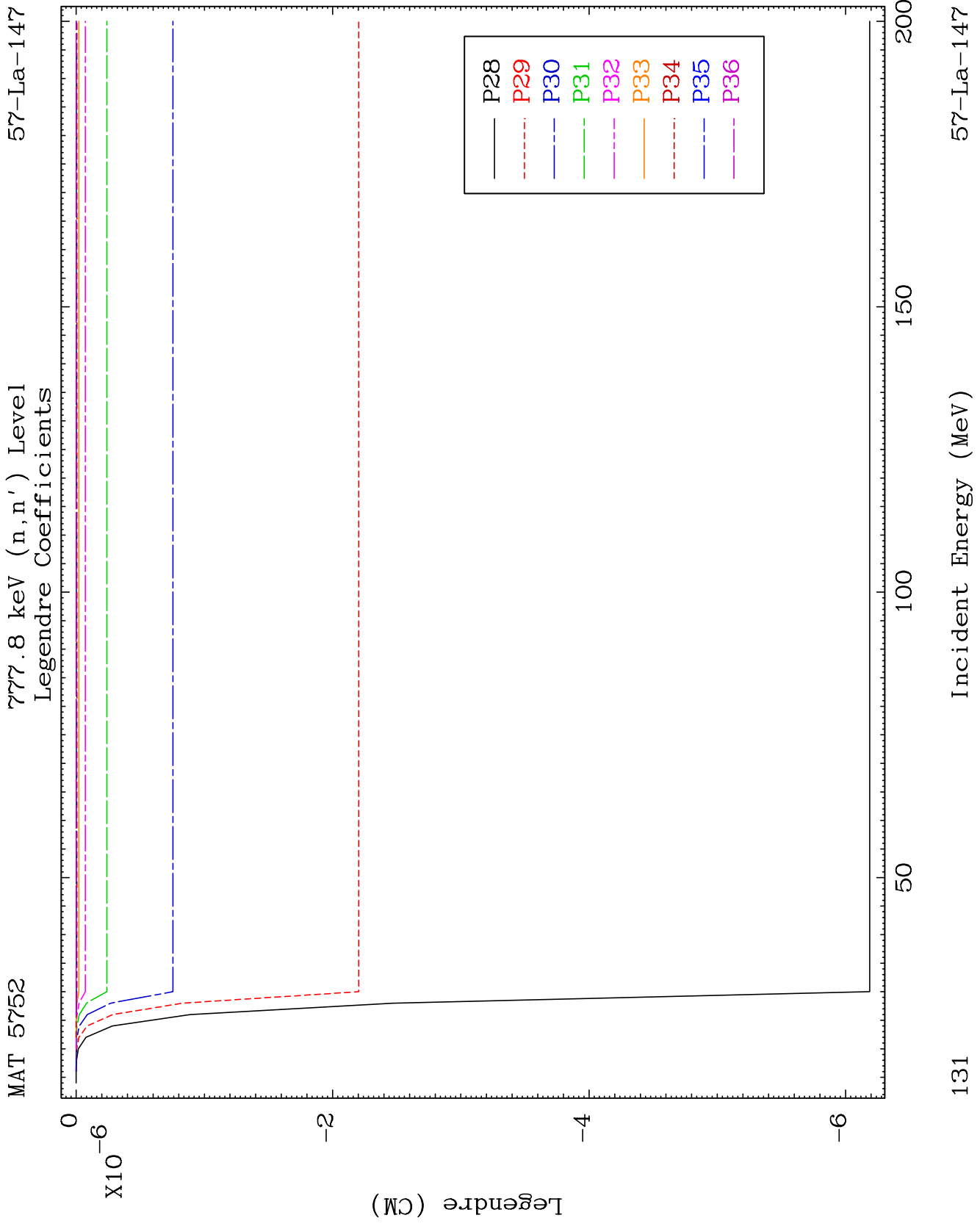
57-La-147

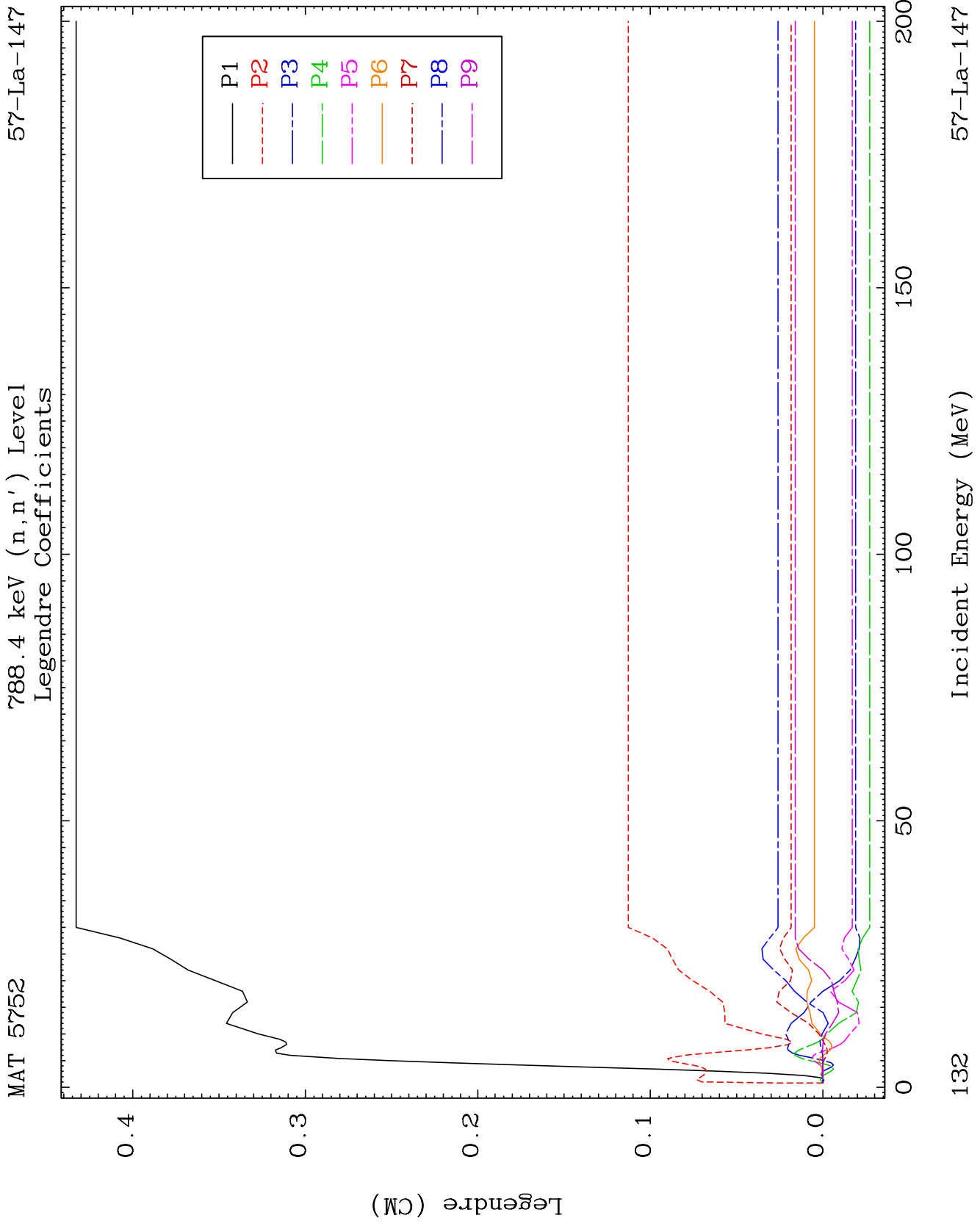


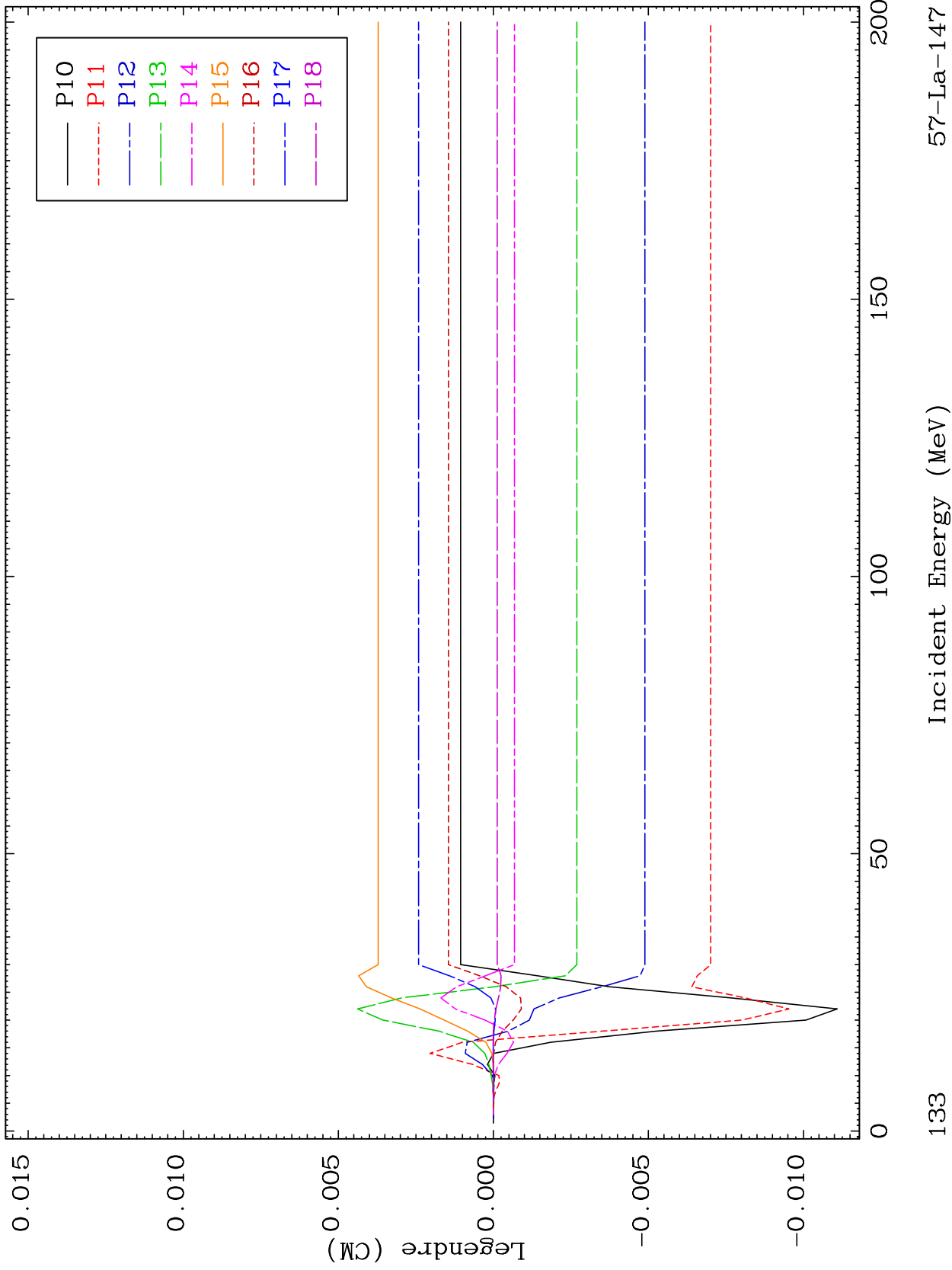
130

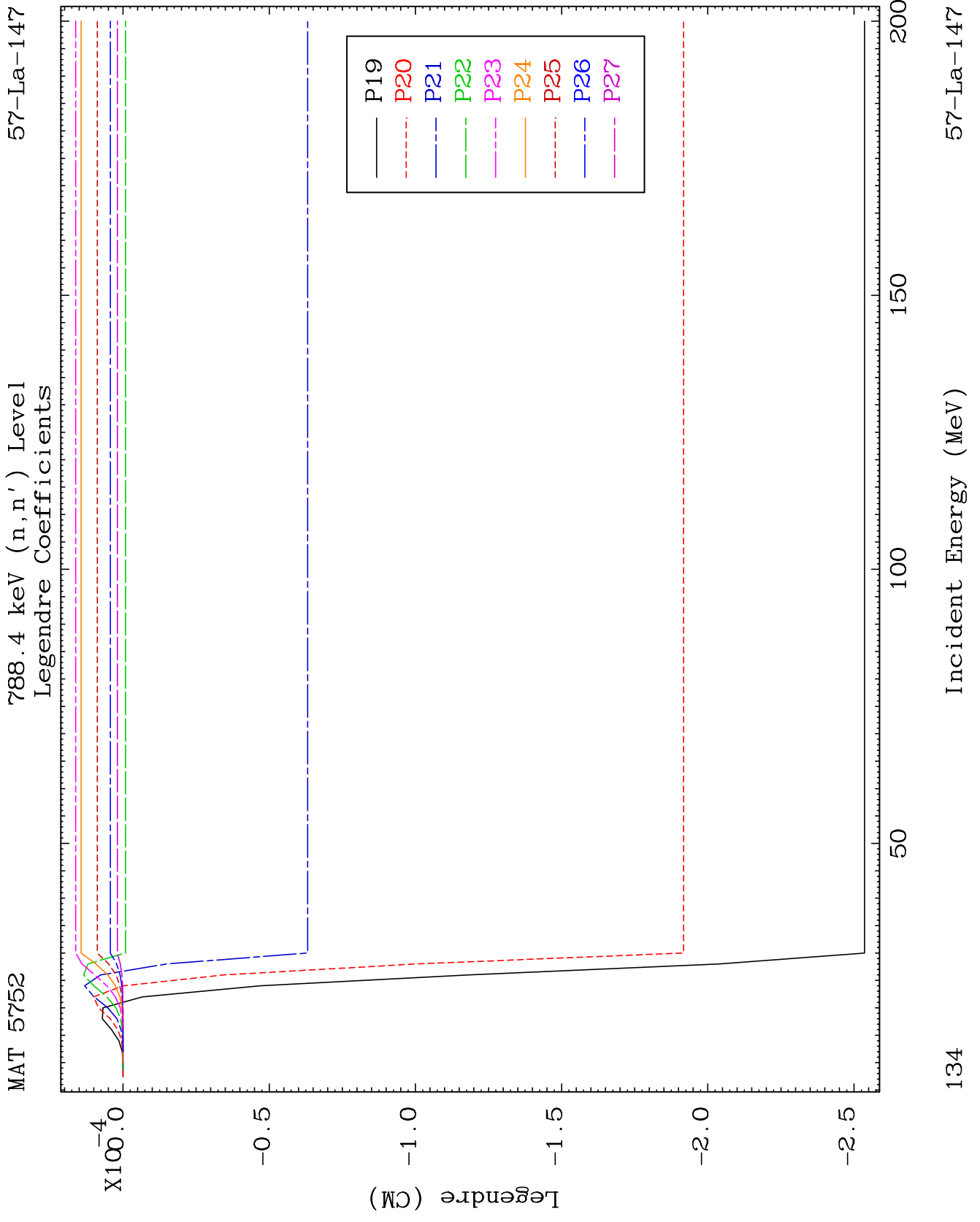
Incident Energy (MeV)

57-La-147





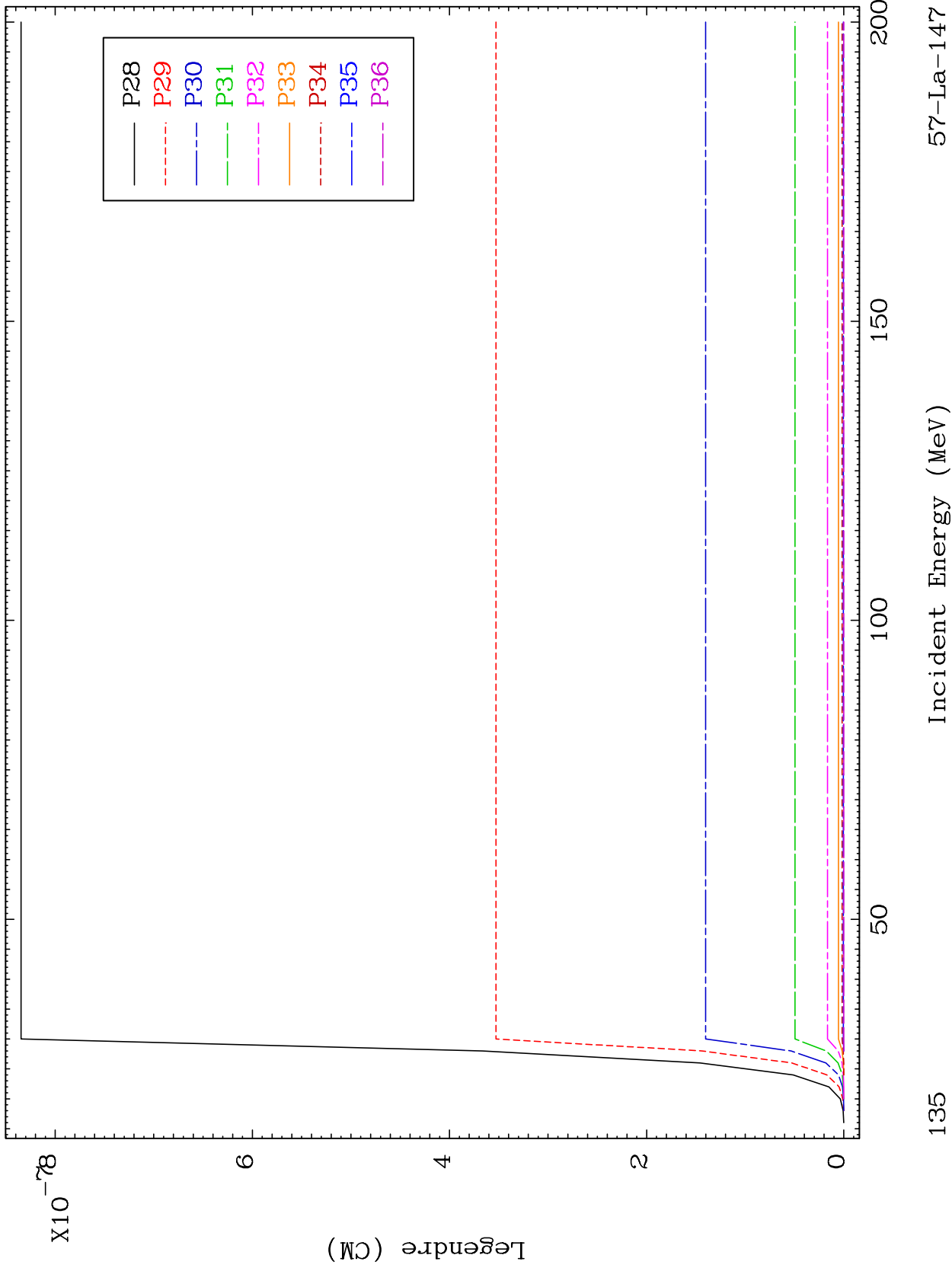




MAT 5752

788.4 keV (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

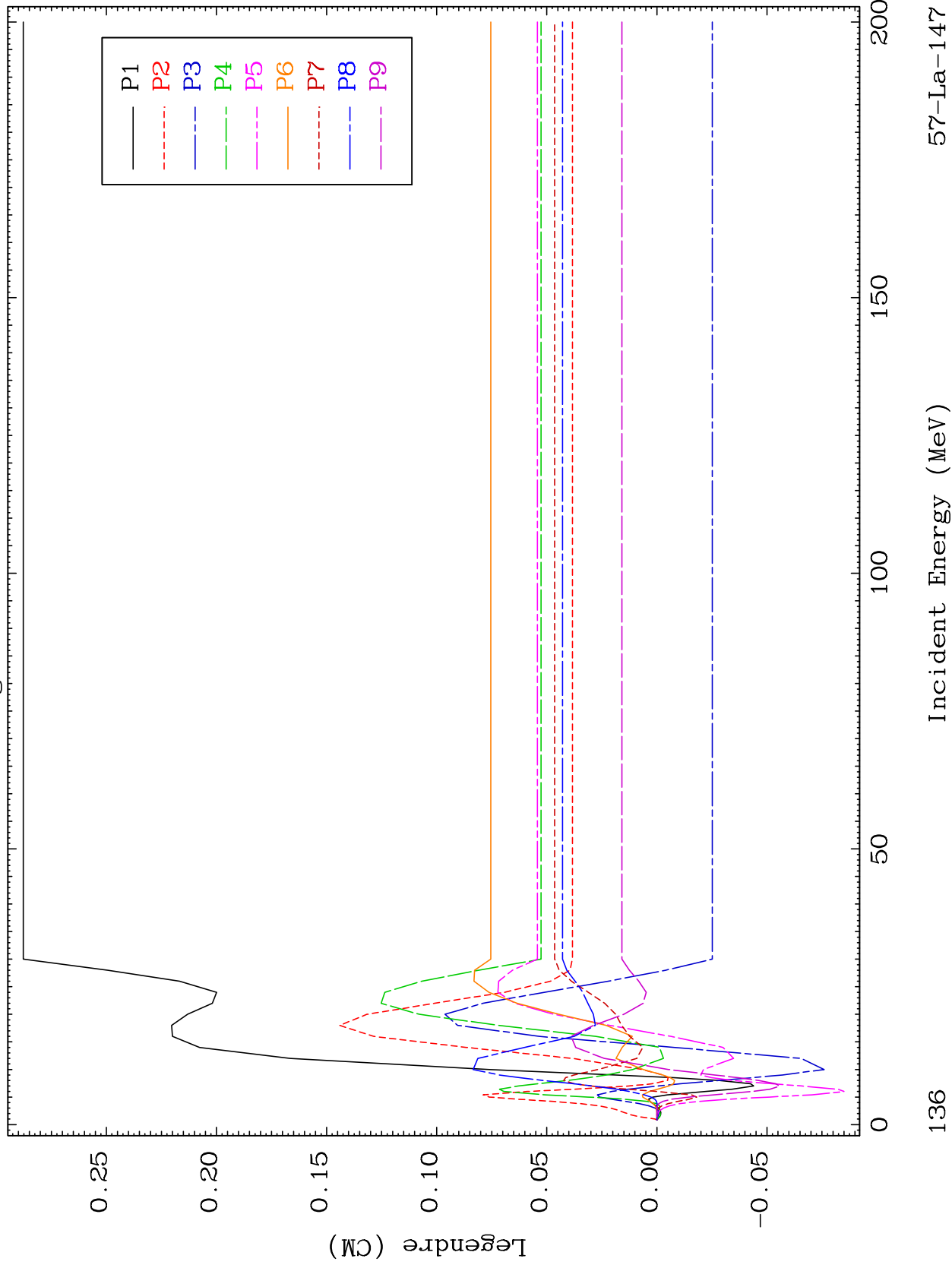
Incident Energy (MeV)

135

MAT 5752

810.4 keV (n,n') Level
Legendre Coefficients

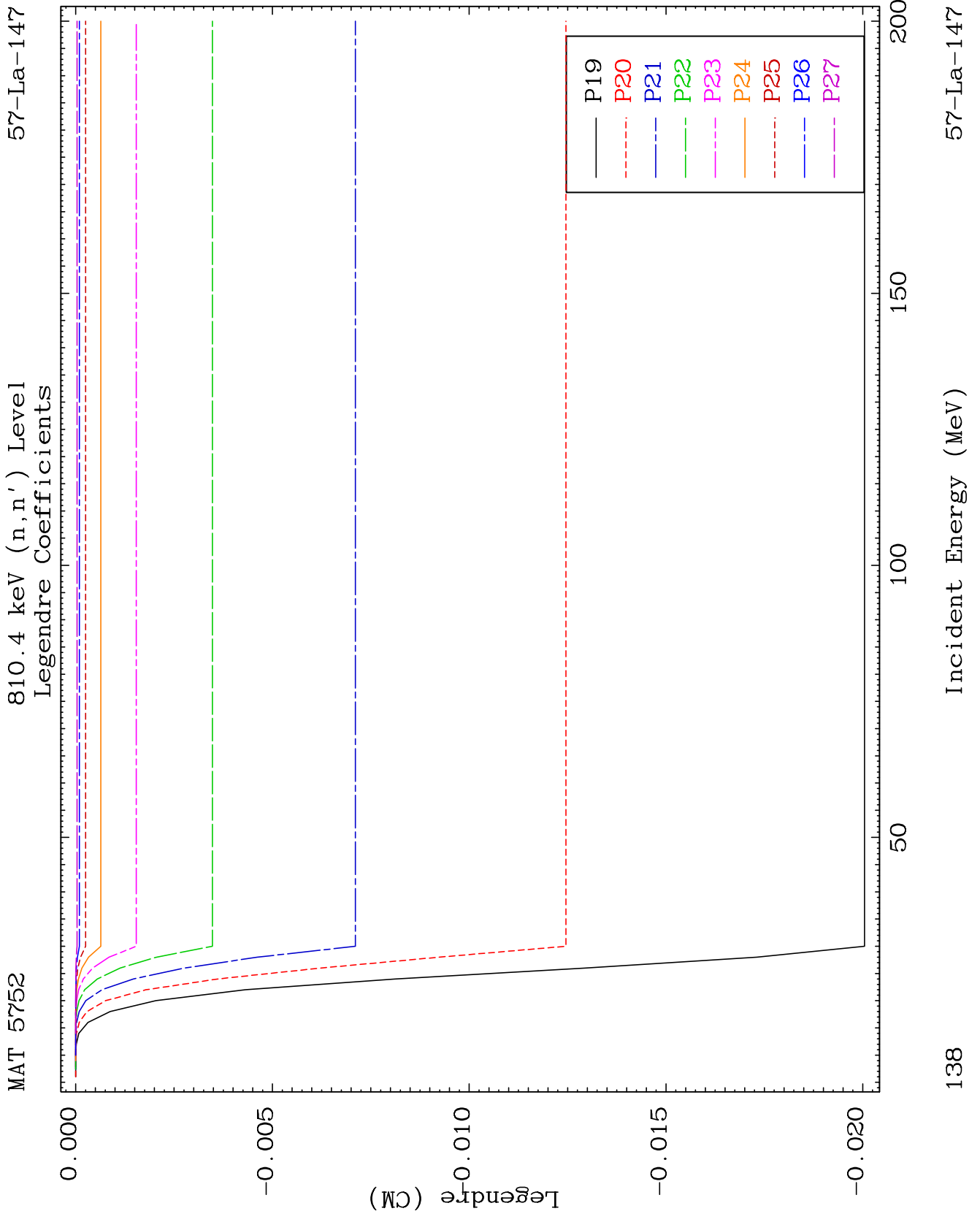
57-La-147

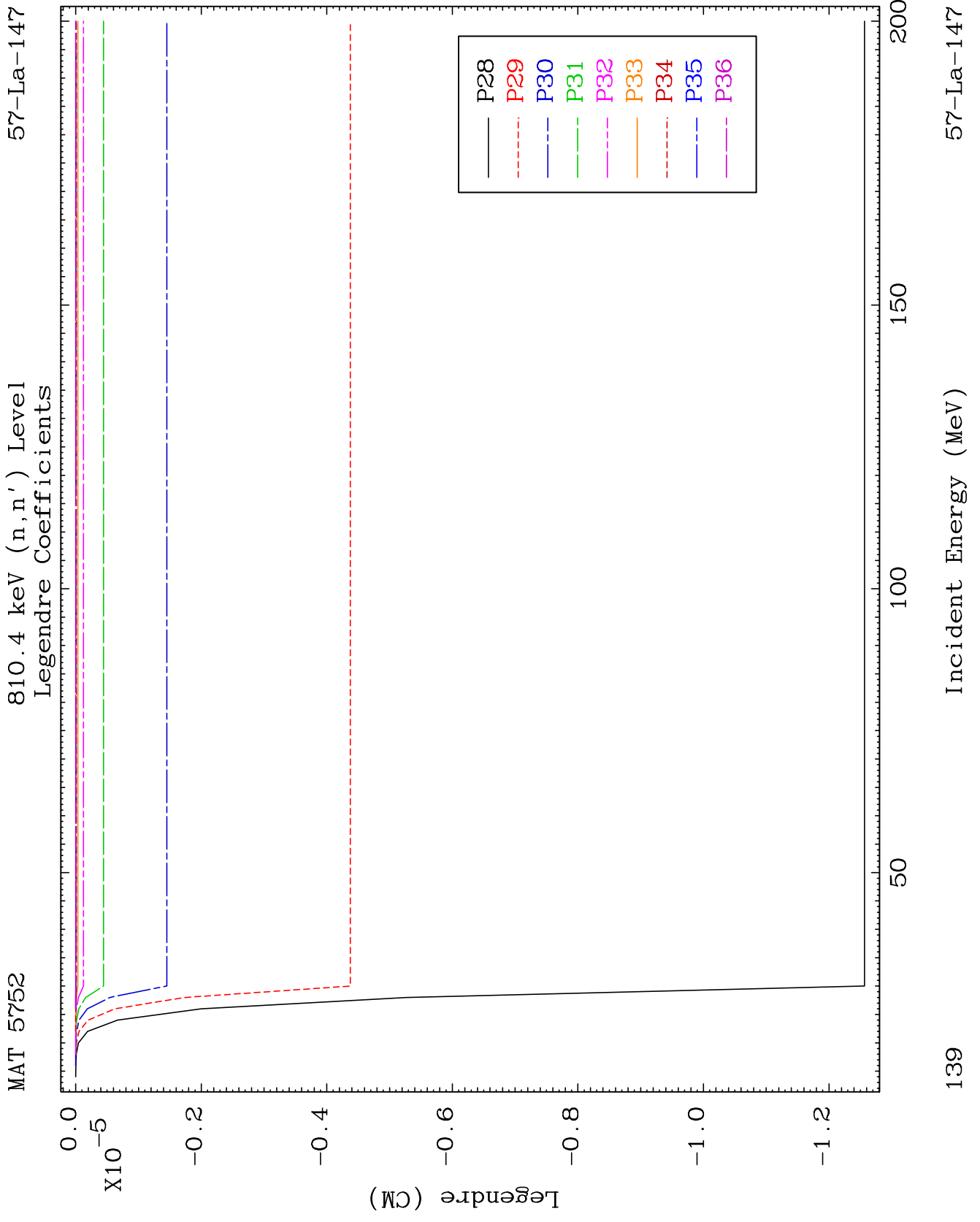


136

Incident Energy (MeV)

57-La-147

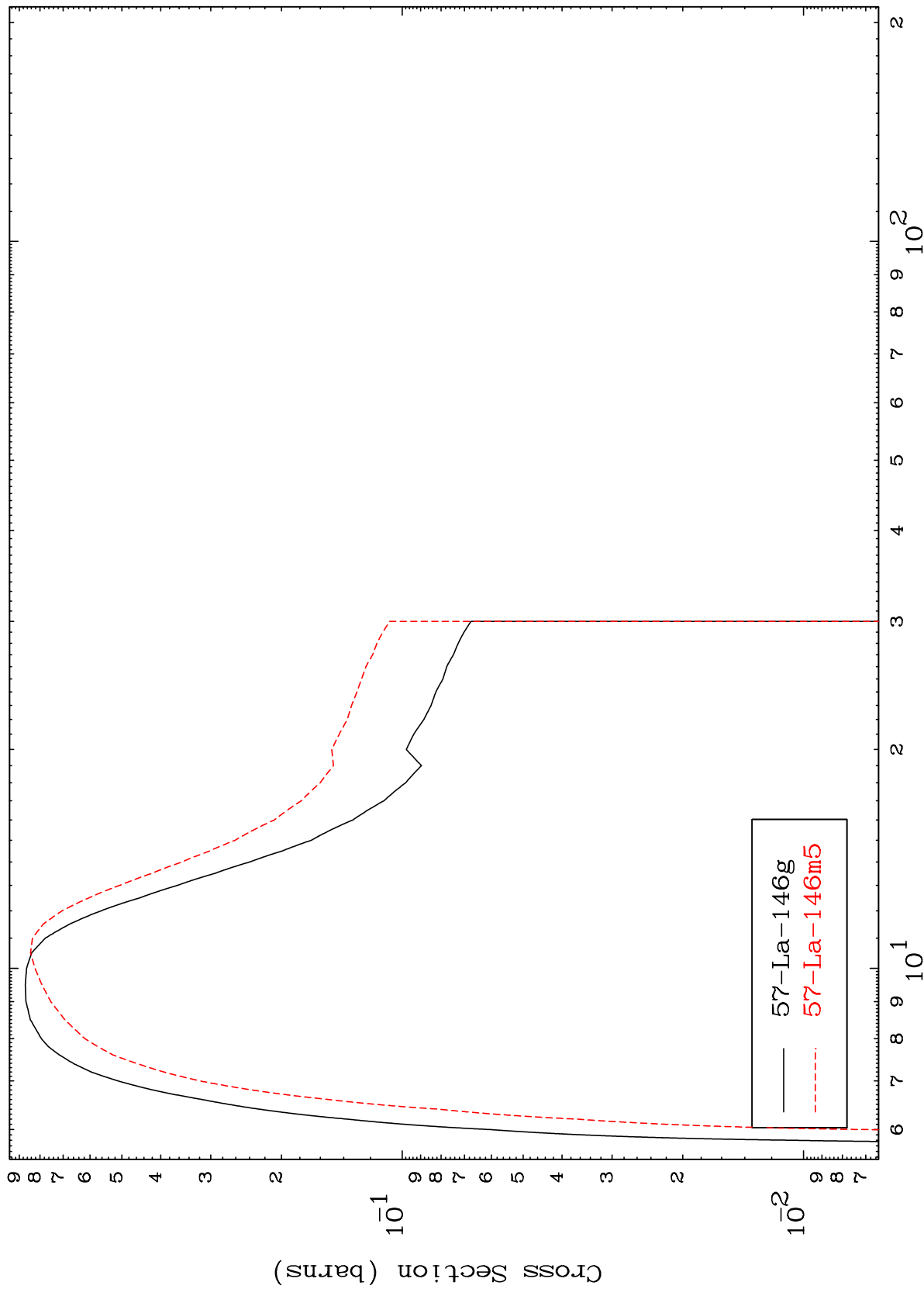




MAT 5752

57-La-147

Radionuclide Production Cross Section
(n,2n)



57-La-147

Incident Energy (MeV)

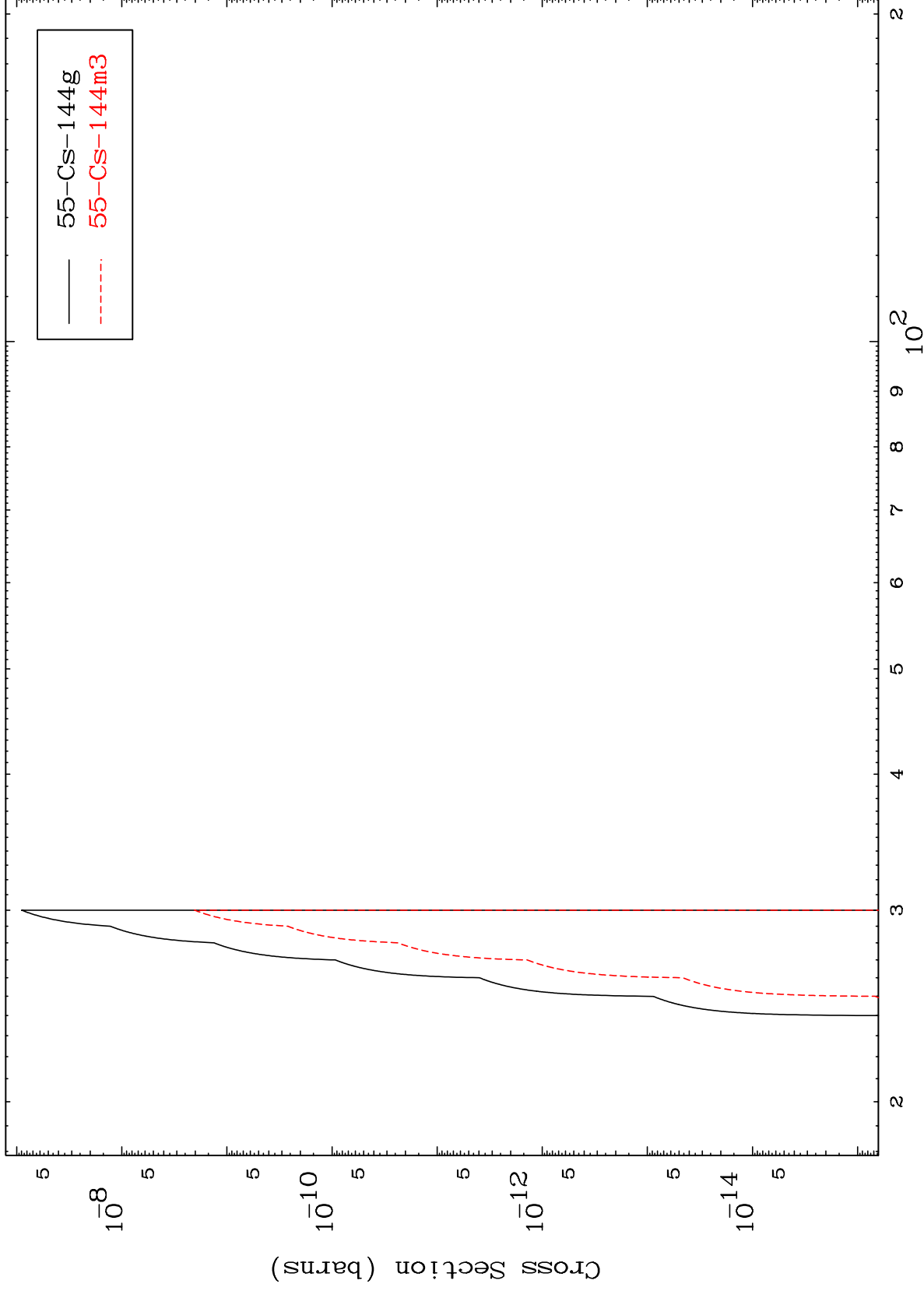
140

MAT 5752

(n,n') He-3

57-La-147

Radionuclide Production Cross Section



141

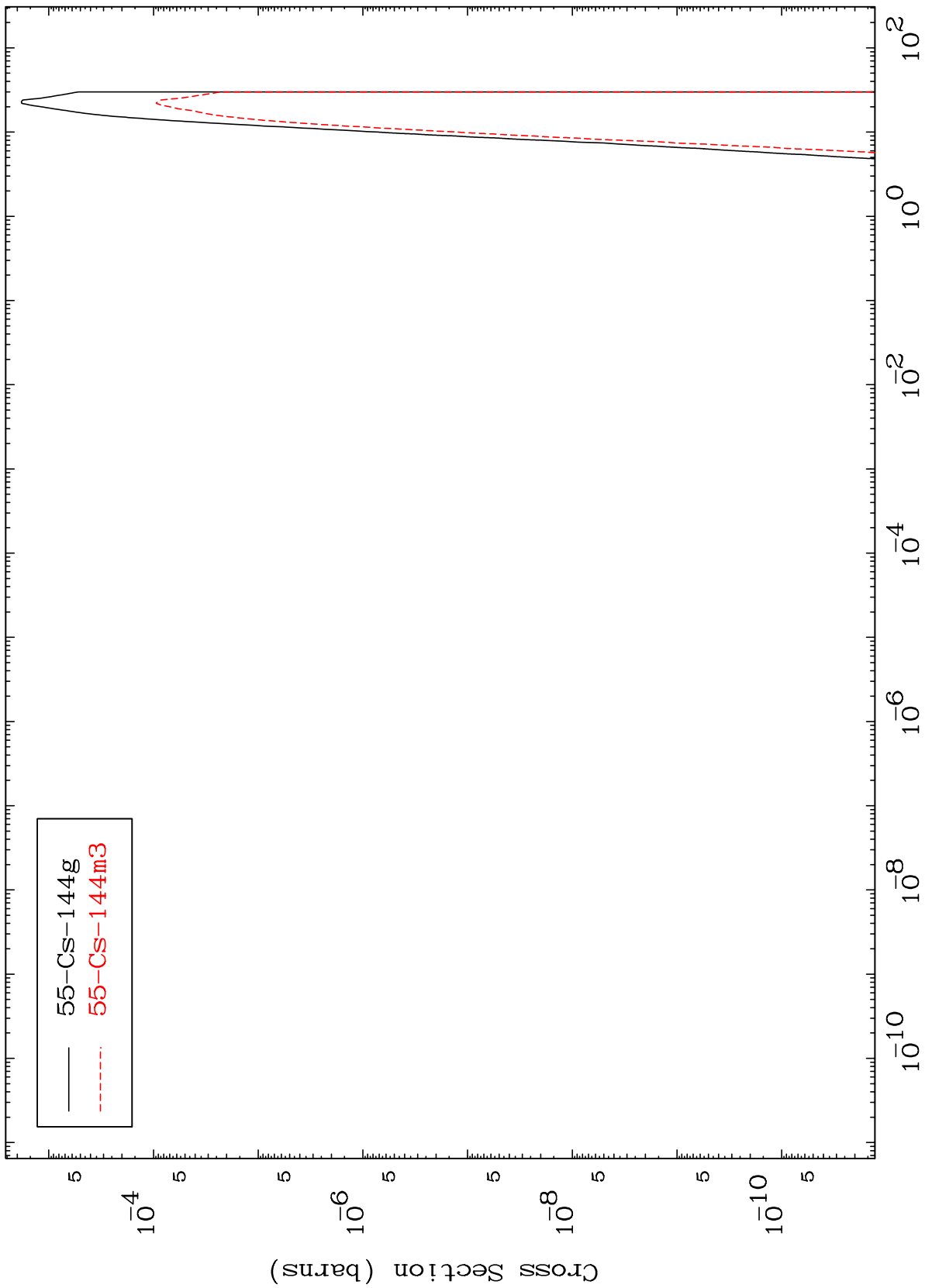
Incident Energy (MeV)

57-La-147

MAT 5752

57-La-147

Radionuclide Production Cross Section



57-La-147

Incident Energy (MeV)

142