

Program EVALPLOT
(Version 2015-2)

by

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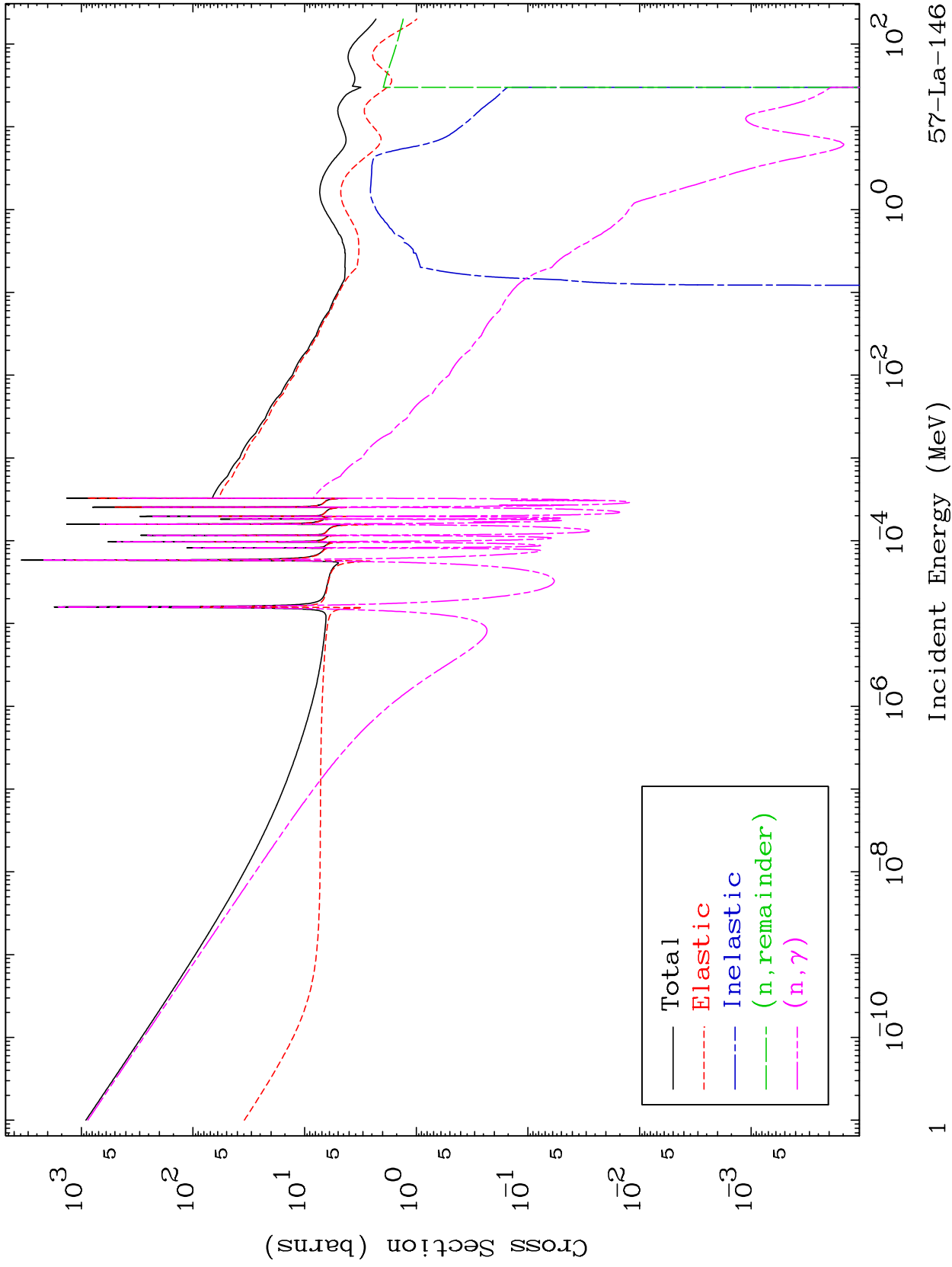
Press Mouse Button to Start

MAT 5749

Major

293 Kelvin Cross Sections

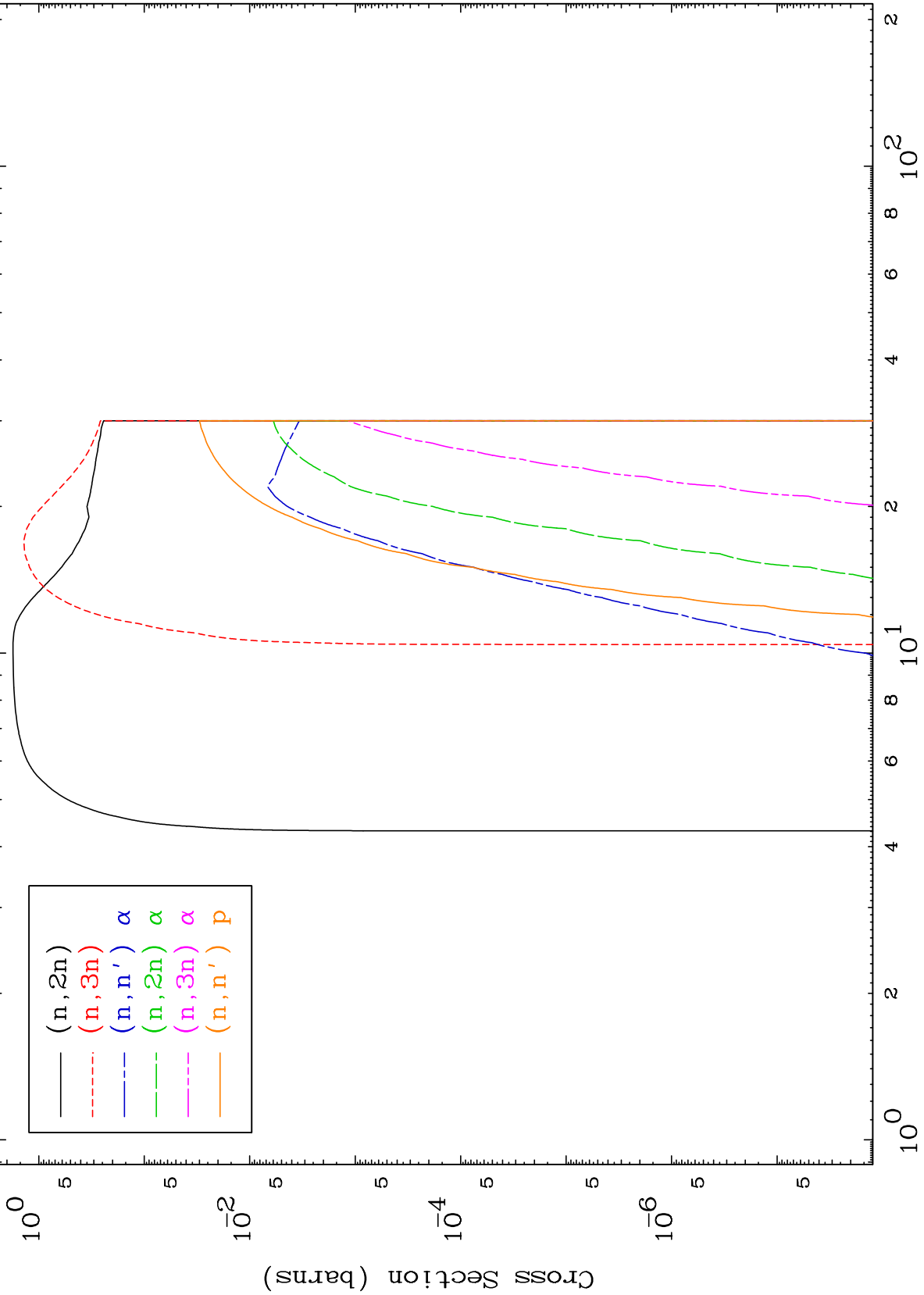
57-La-146



MAT 5749

Neutron Production
293 Kelvin Cross Sections

57-La-146



- (n, 2n)
- (n, 3n)
- (n, n')
- (n, 2n)
- (n, 3n)
- (n, n')

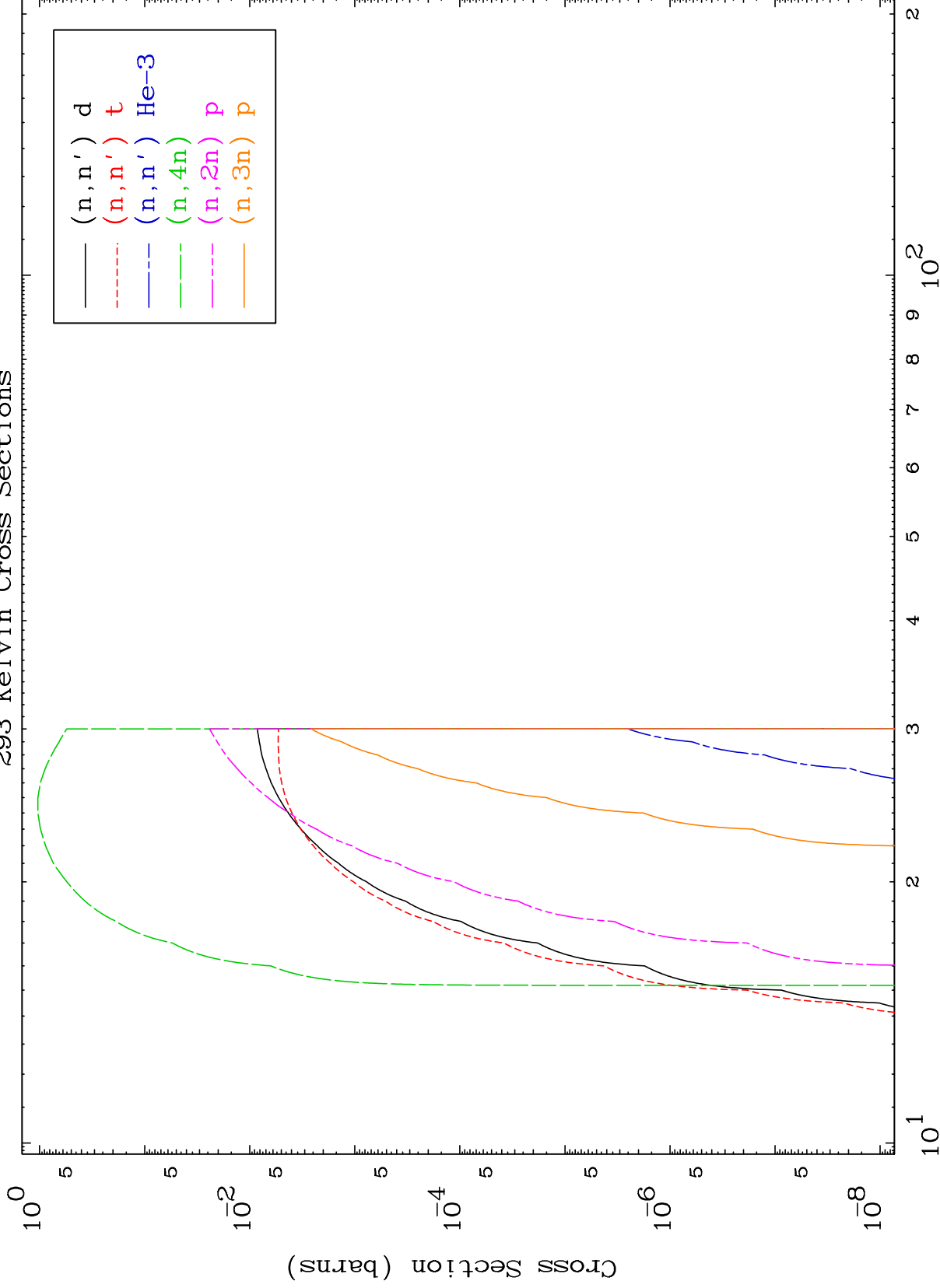
57-La-146

Incident Energy (MeV)

MAT 5749

Neutron Production
293 Kelvin Cross Sections

57-La-146



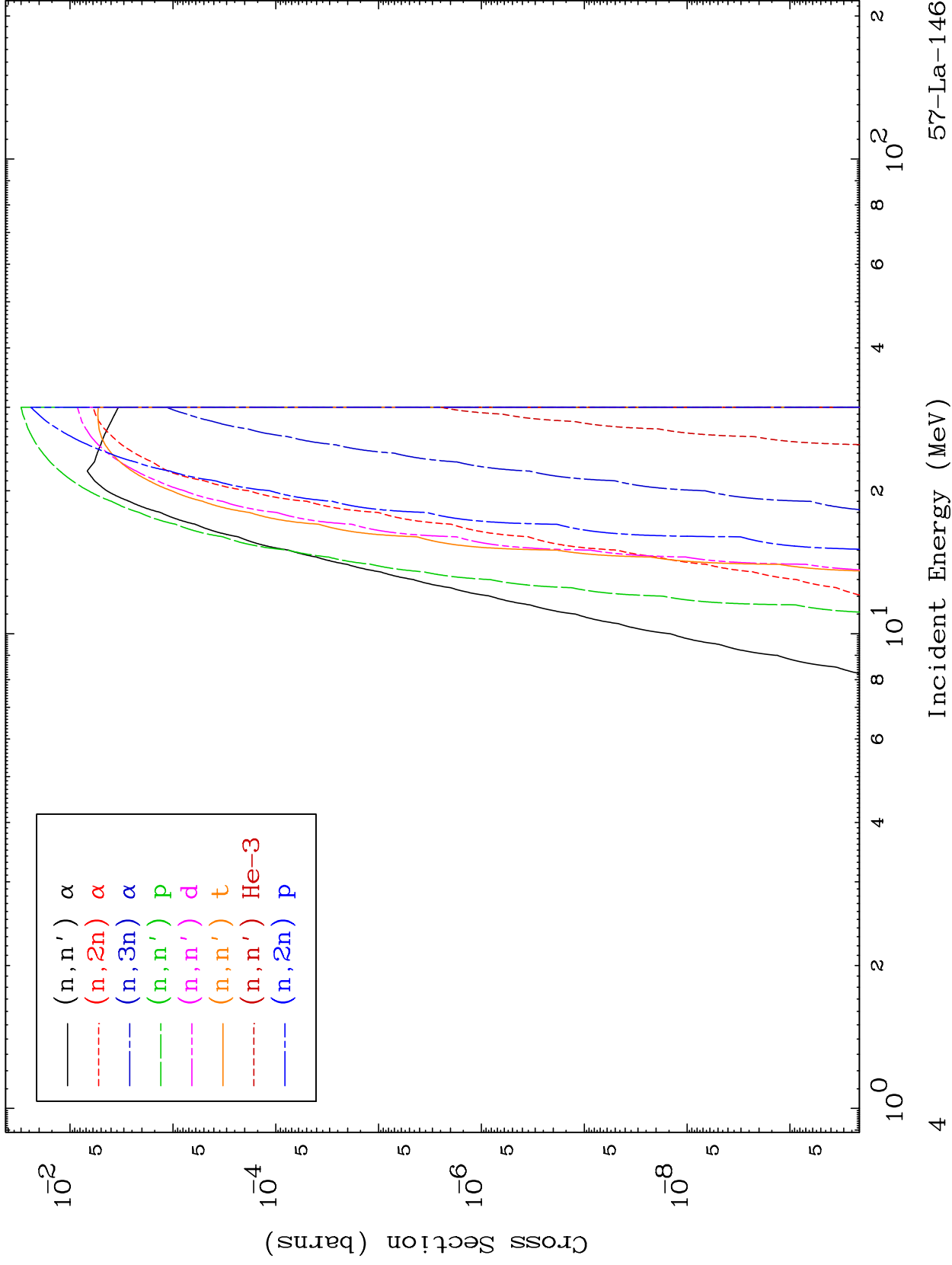
Incident Energy (MeV)

57-La-146

MAT 5749

Charged Particle
293 Kelvin Cross Sections

57-La-146



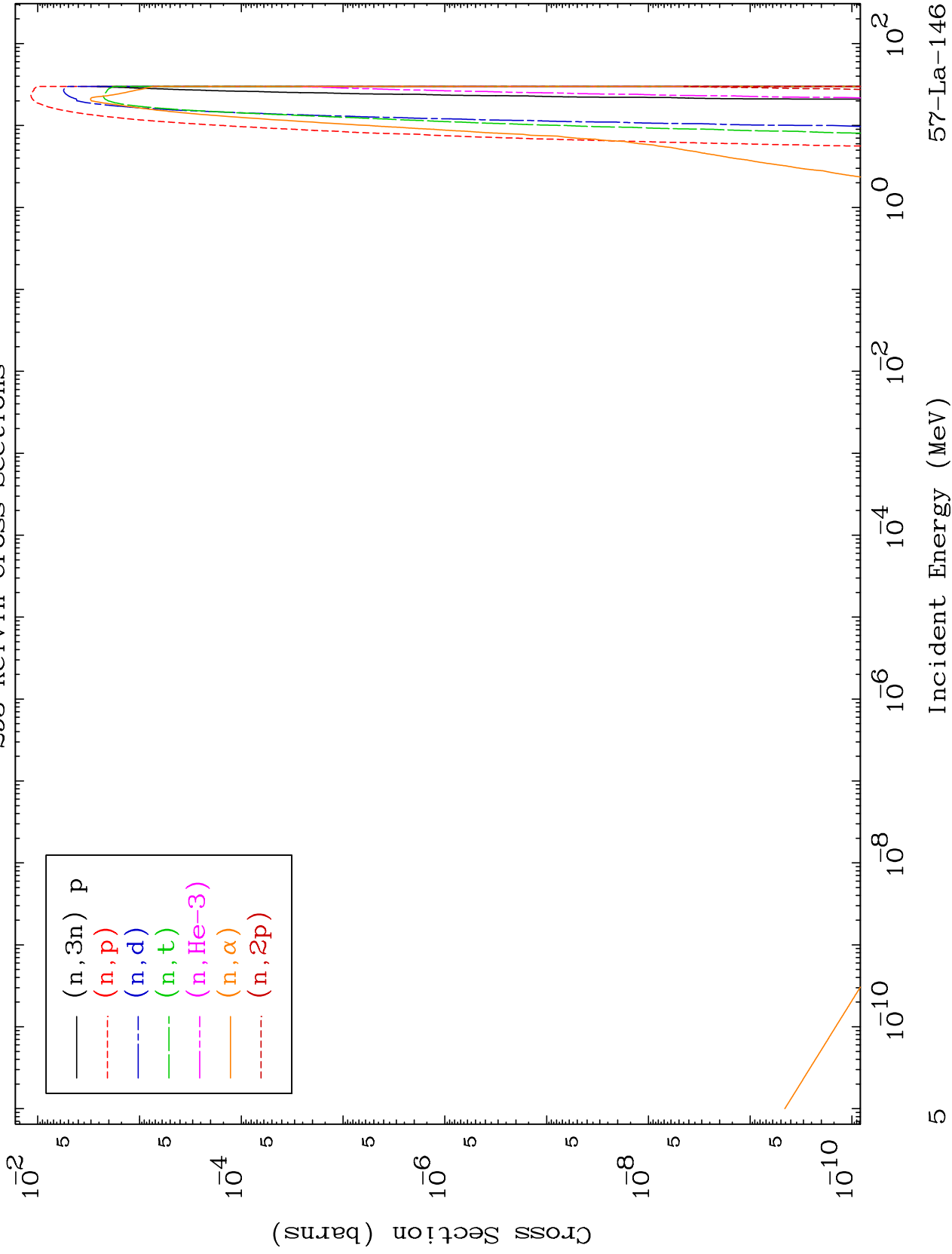
57-La-146

Incident Energy (MeV)

MAT 5749

Charged Particle
293 Kelvin Cross Sections

57-La-146

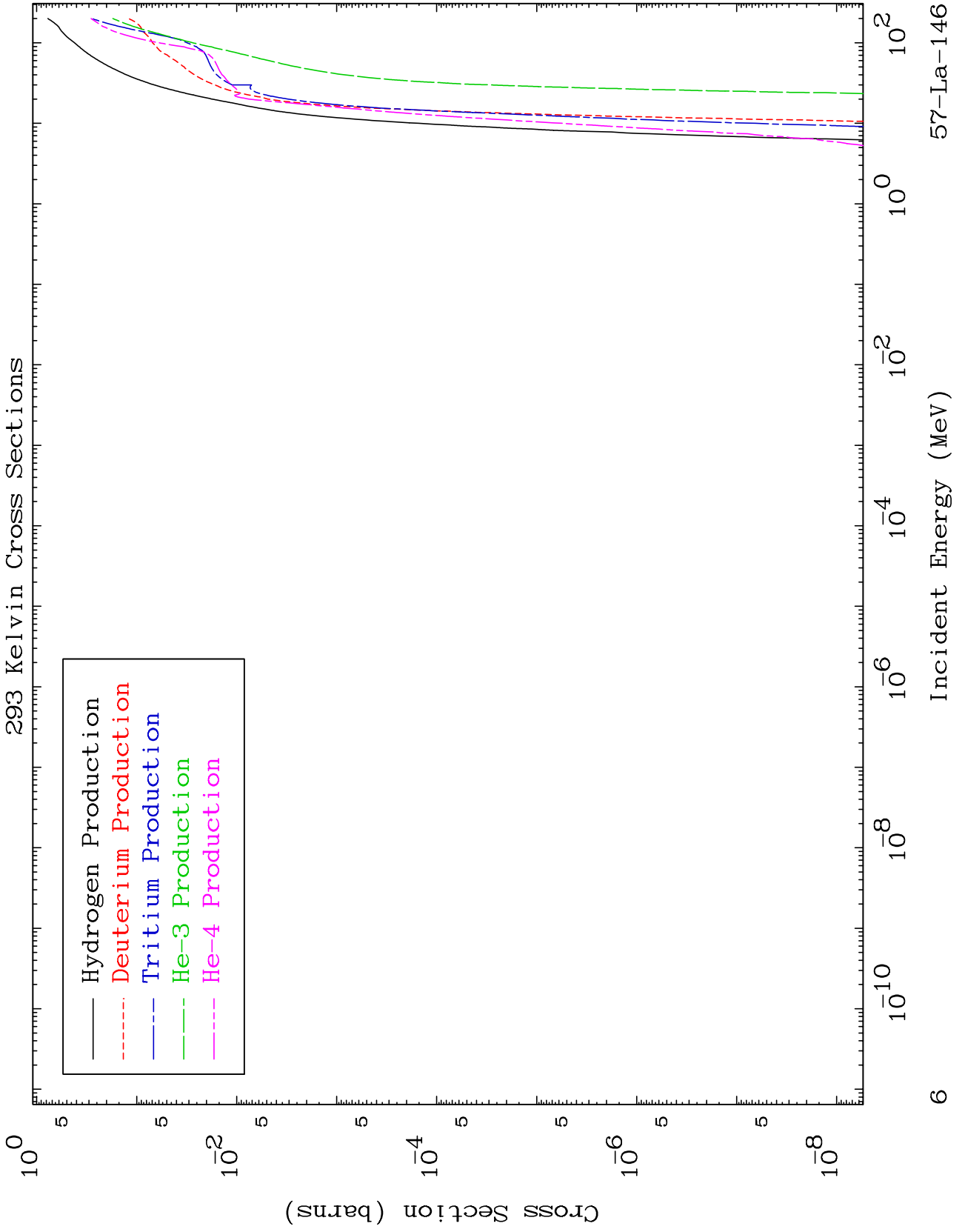


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MAT 5749

Particle Production
293 Kelvin Cross Sections

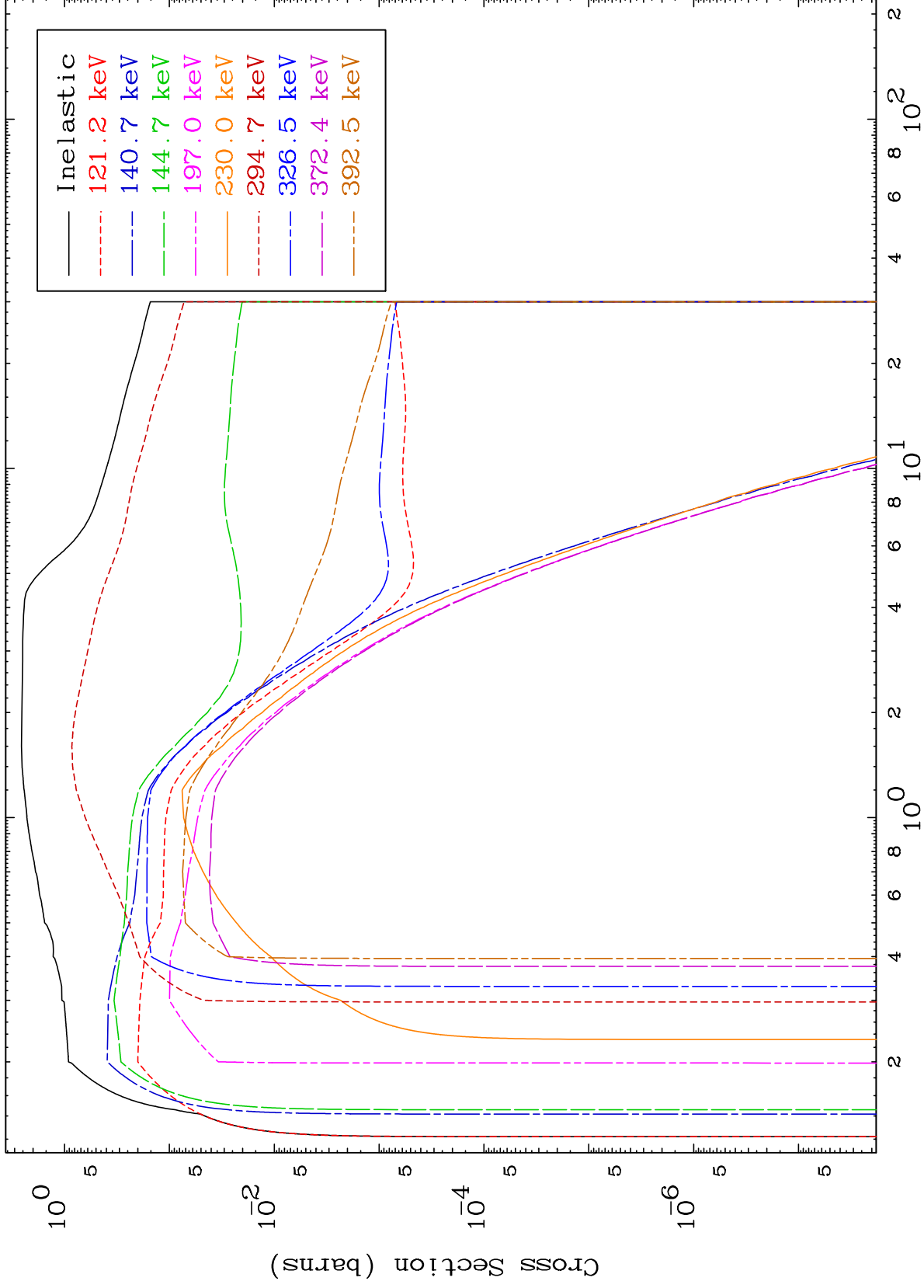
57-La-146



MAT 5749

(n,n') Level
293 Kelvin Cross Sections

57-La-146

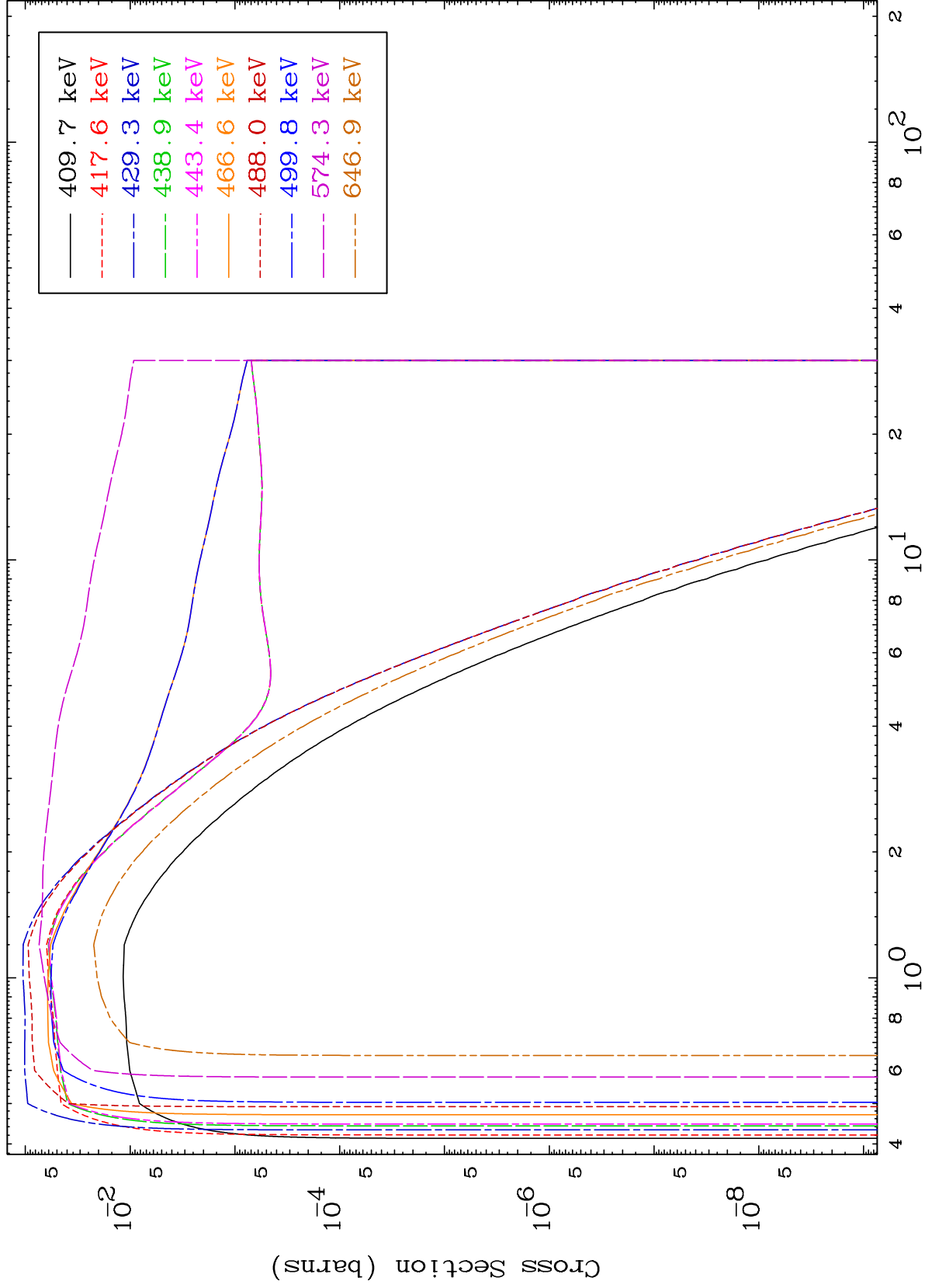


MAT 5749

(n,n') Level

57-La-146

293 Kelvin Cross Sections



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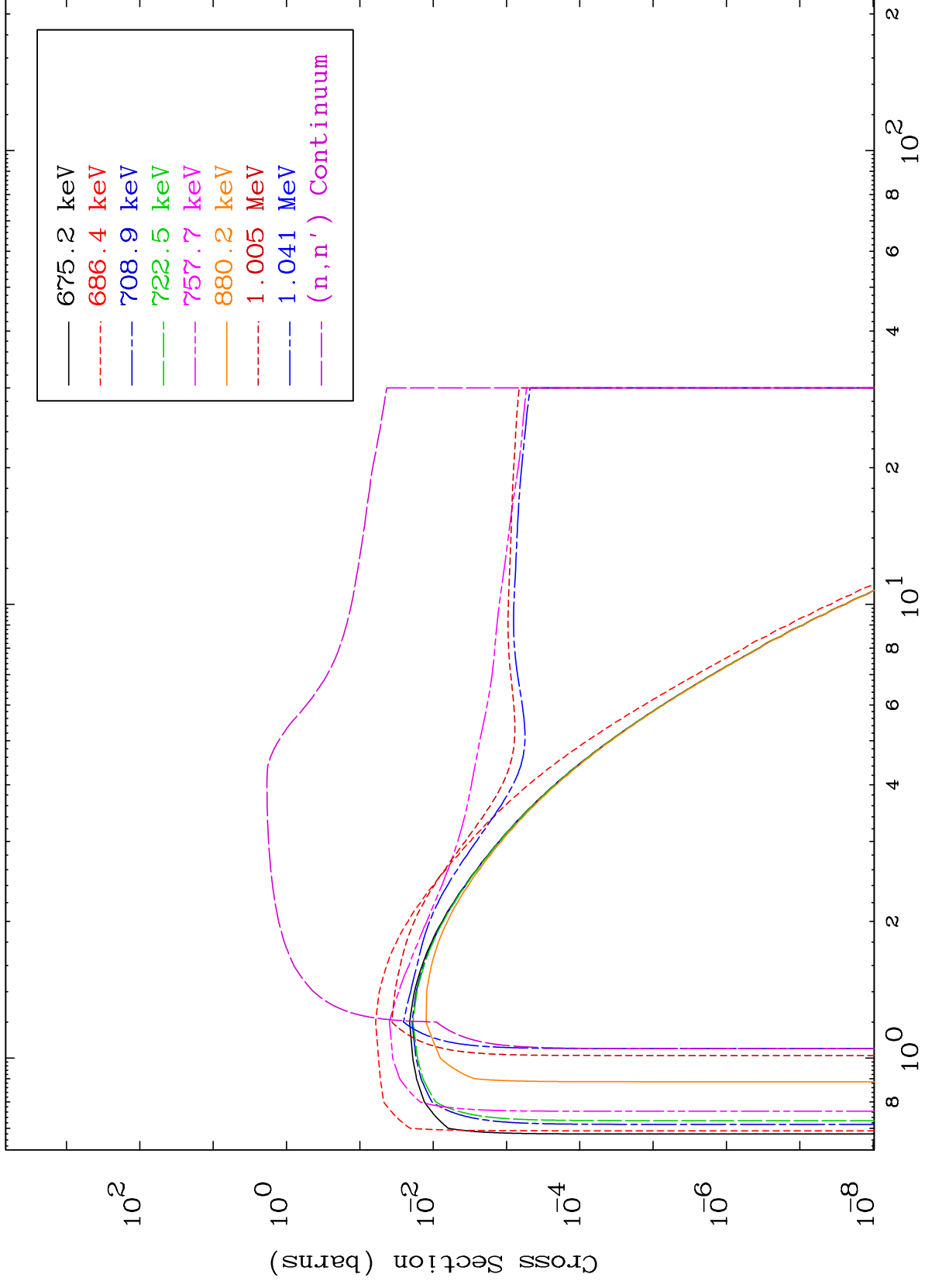
Incident Energy (MeV)

57-La-146

MAT 5749

(n,n') Level
293 Kelvin Cross Sections

57-La-146



9

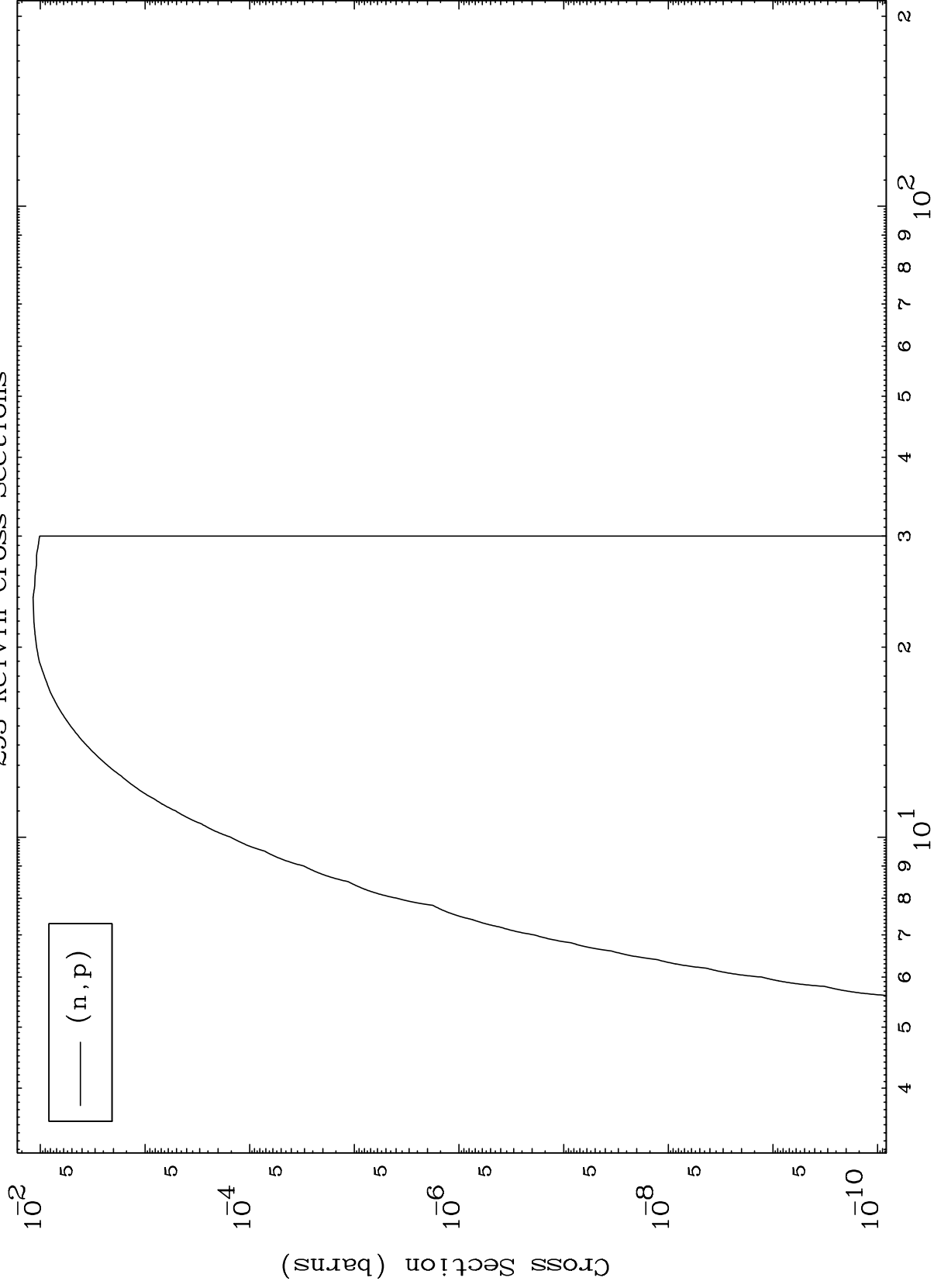
Incident Energy (MeV)

57-La-146

MAT 5749

(n,p) Levels
293 Kelvin Cross Sections

57-La-146



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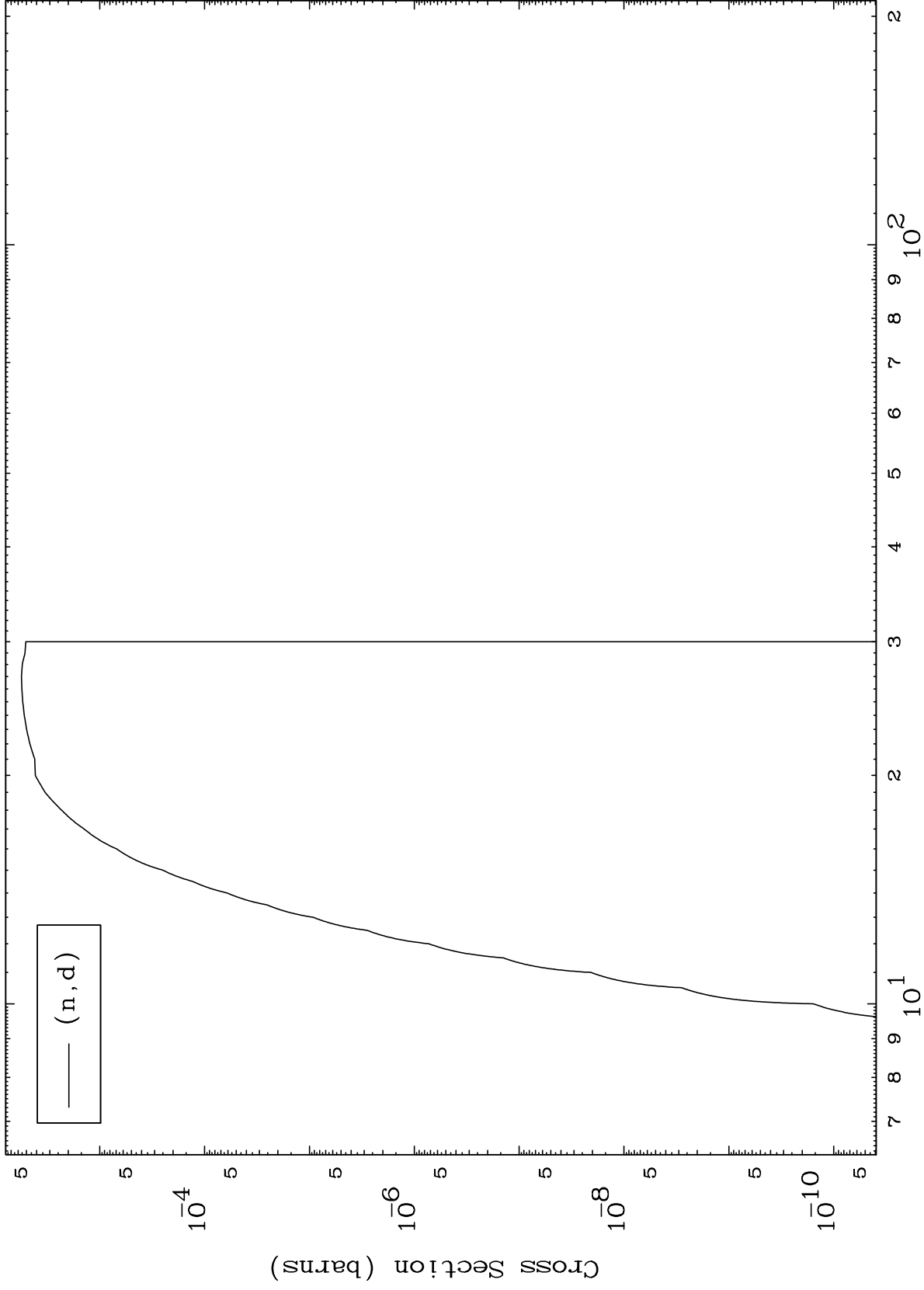
Incident Energy (MeV)

57-La-146

MAT 5749

(n,d) Levels
293 Kelvin Cross Sections

57-La-146



11

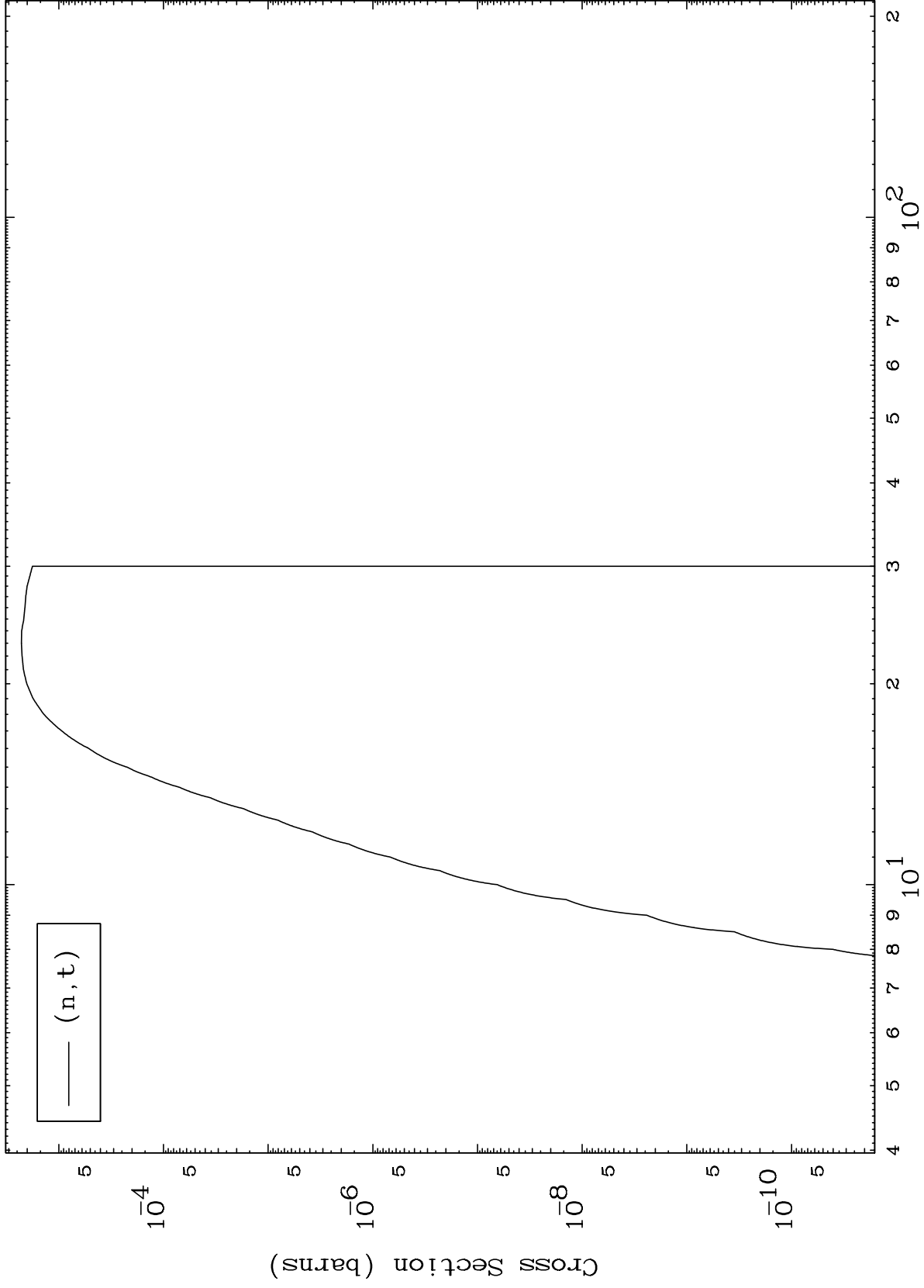
Incident Energy (MeV)

57-La-146

MAT 5749

(n,t) Levels
293 Kelvin Cross Sections

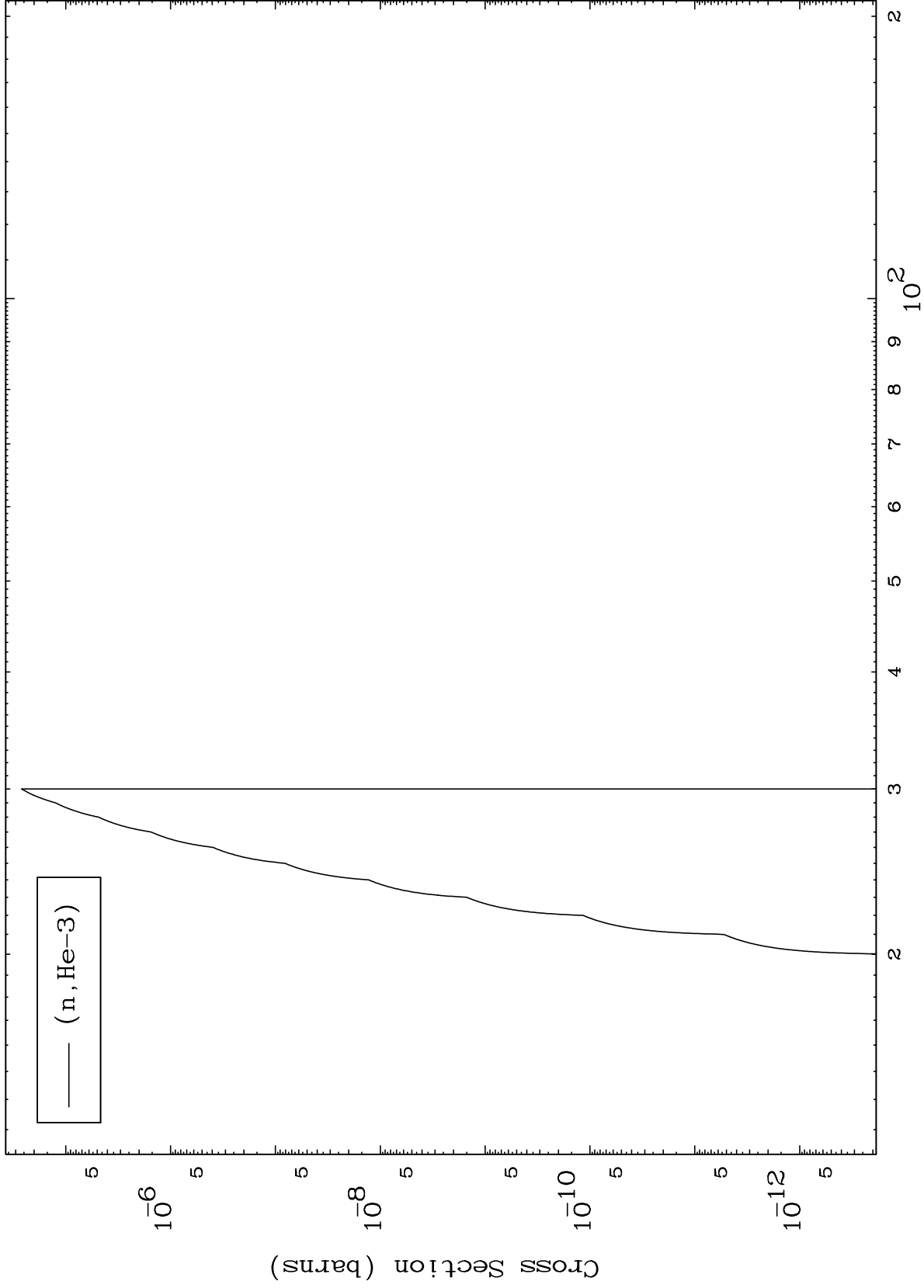
57-La-146



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Incident Energy (MeV)

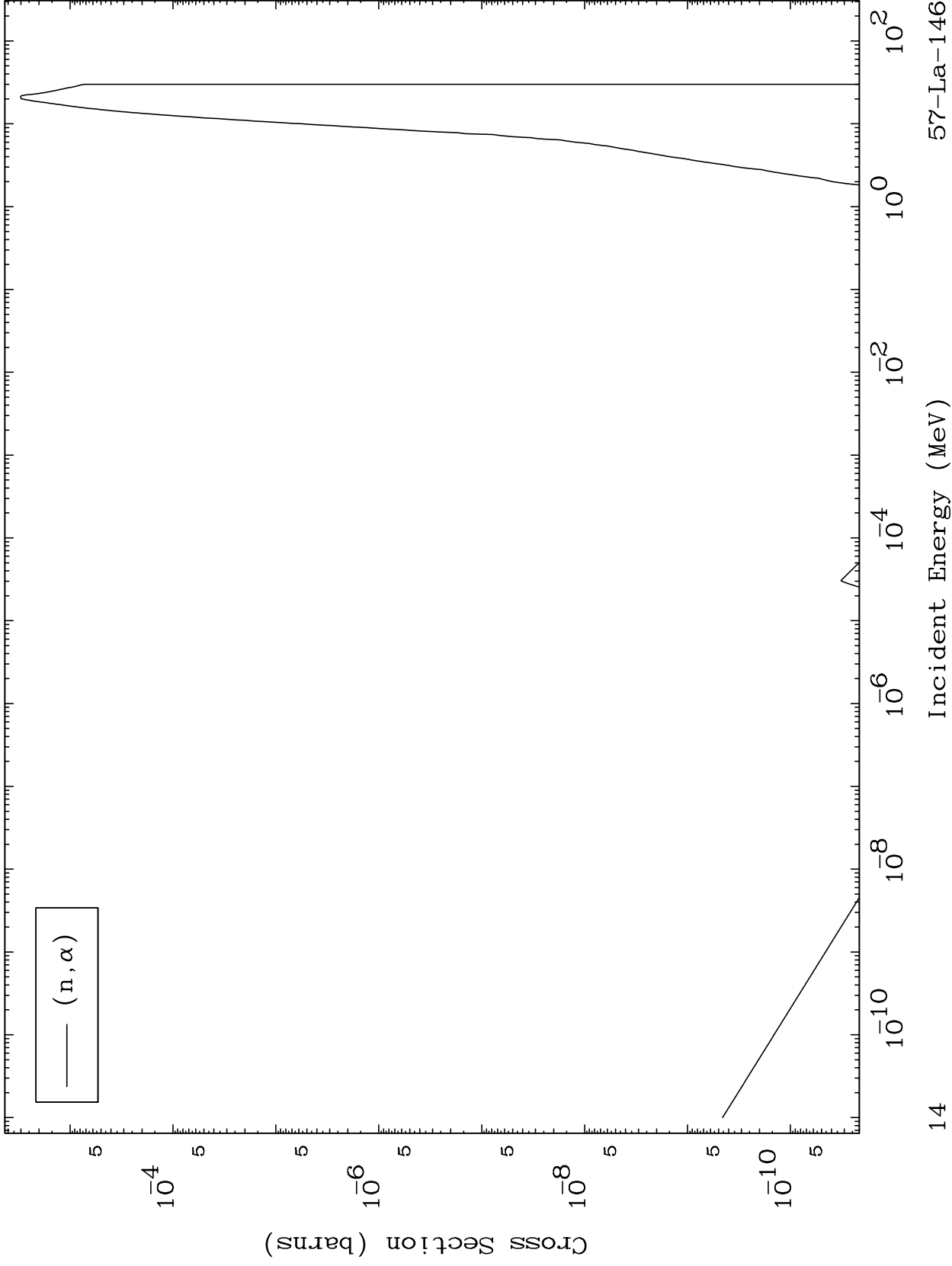
57-La-146

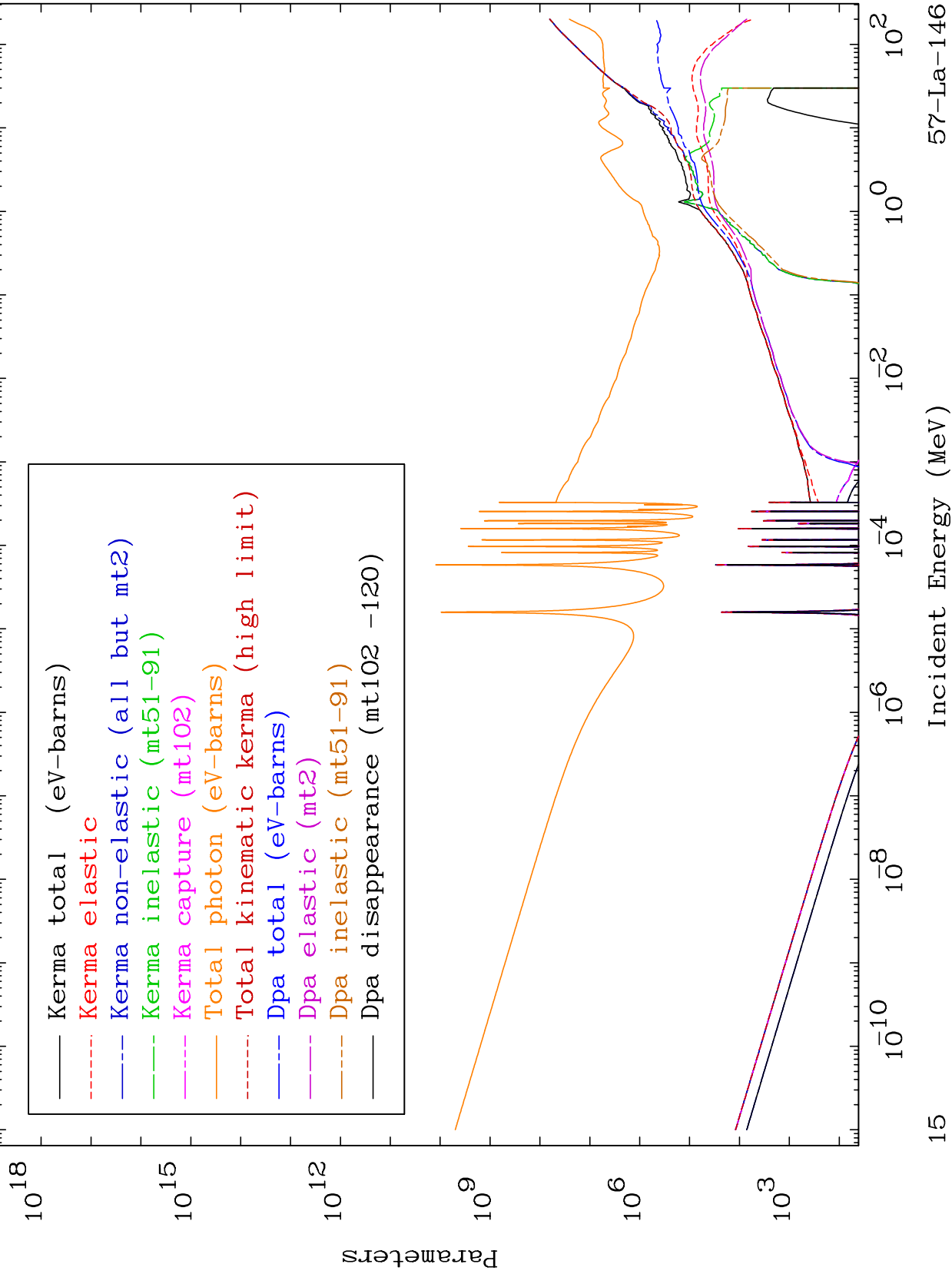


MAT 5749

(n, α) Levels
293 Kelvin Cross Sections

57-La-146

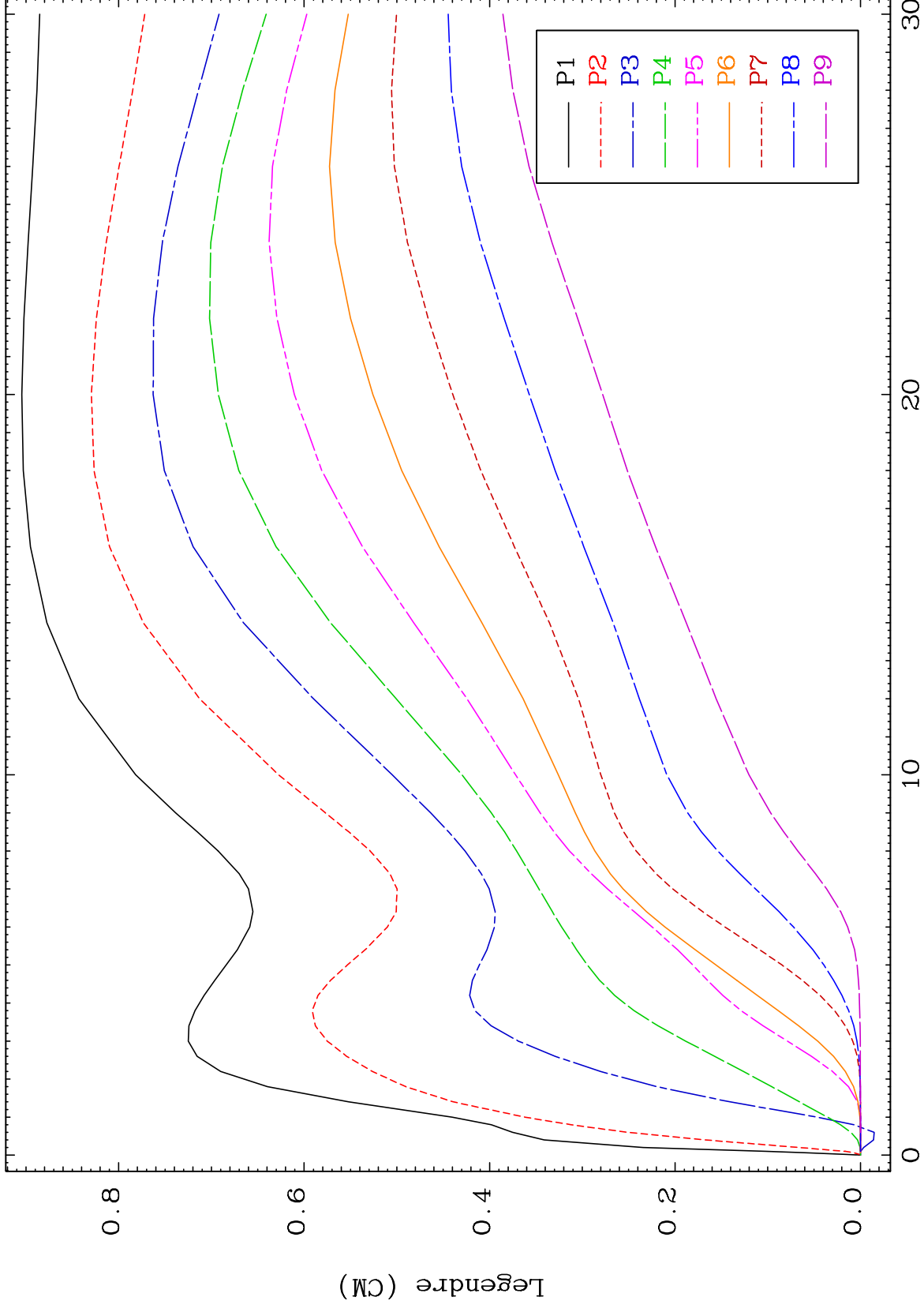




MAT 5749

57-La-146

Elastic Legendre Coefficients



57-La-146

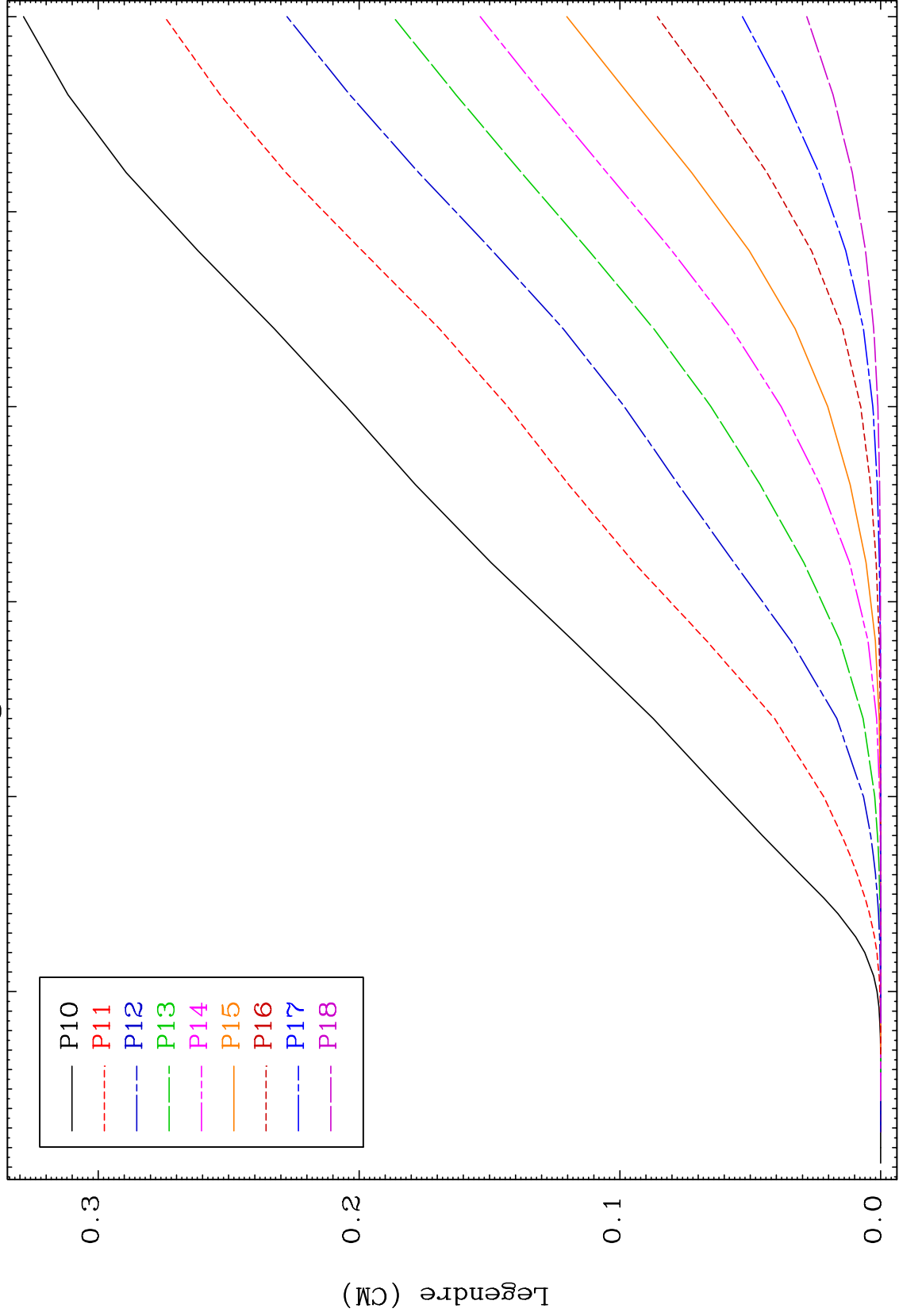
Incident Energy (MeV)

16

MAT 5749

Elastic Legendre Coefficients

⁵⁷La-146



17

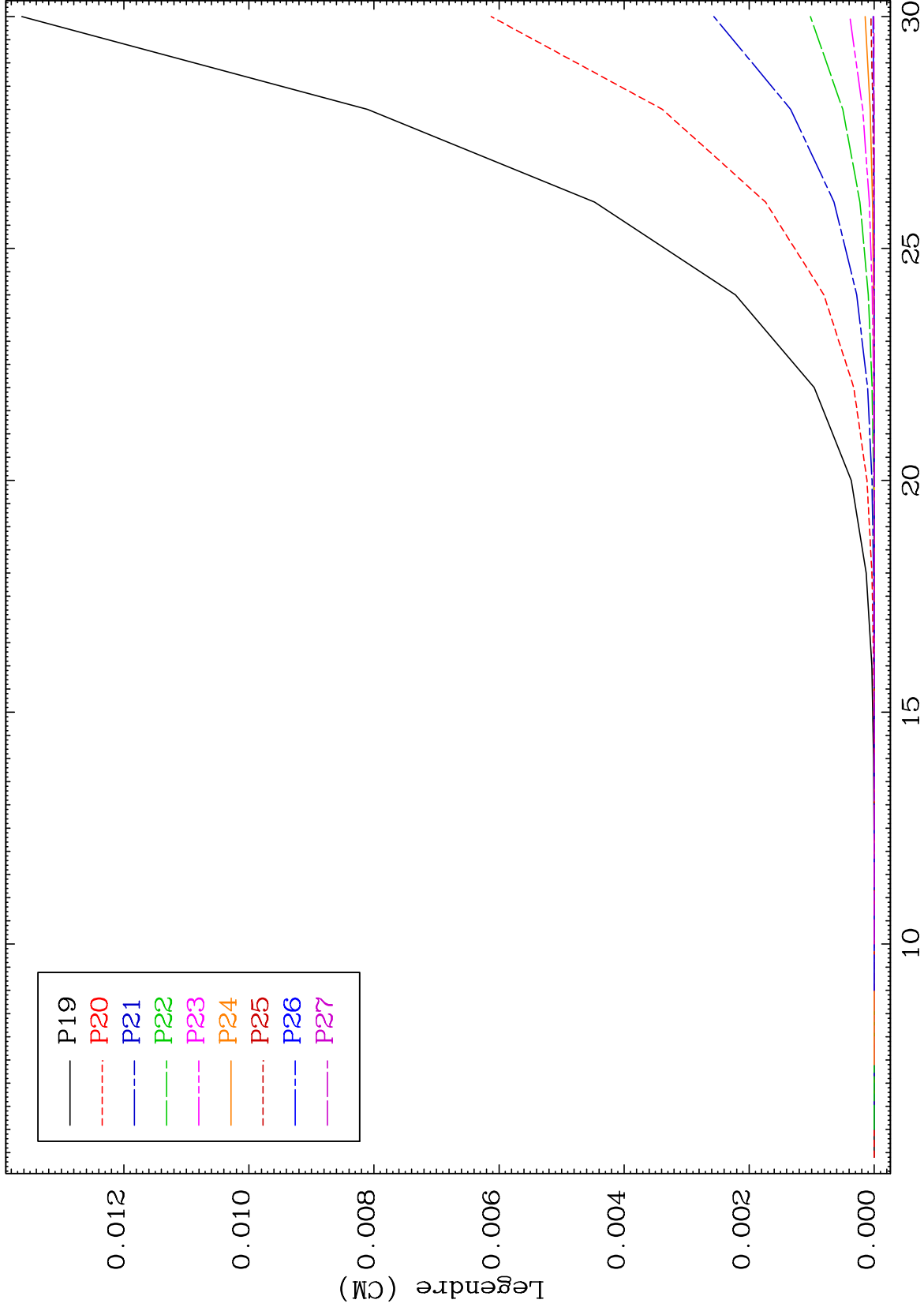
Incident Energy (MeV)

⁵⁷La-146

MAT 5749

Elastic Legendre Coefficients

57-La-146



18

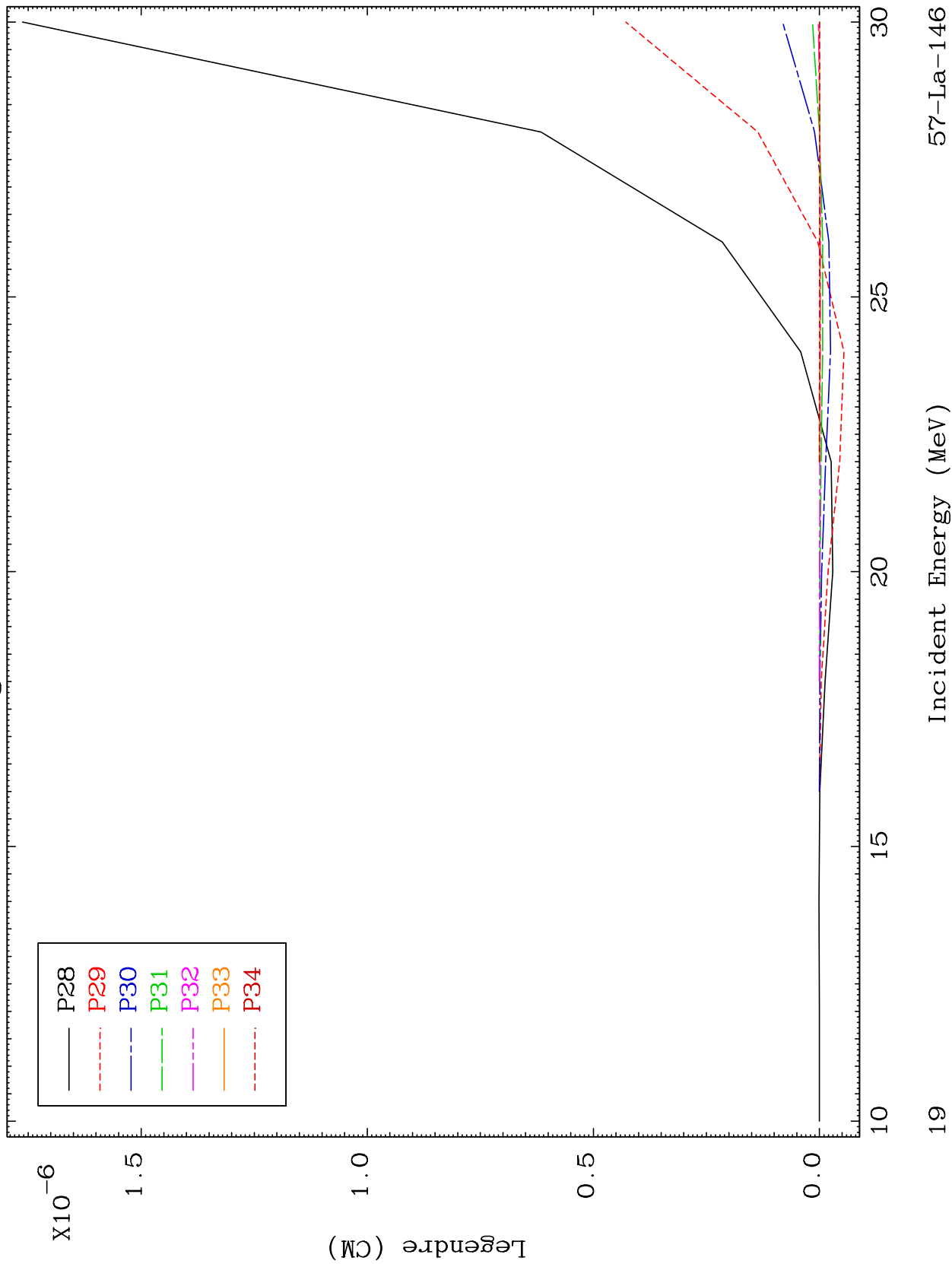
Incident Energy (MeV)

57-La-146

MAT 5749

Elastic
Legendre Coefficients

57-La-146



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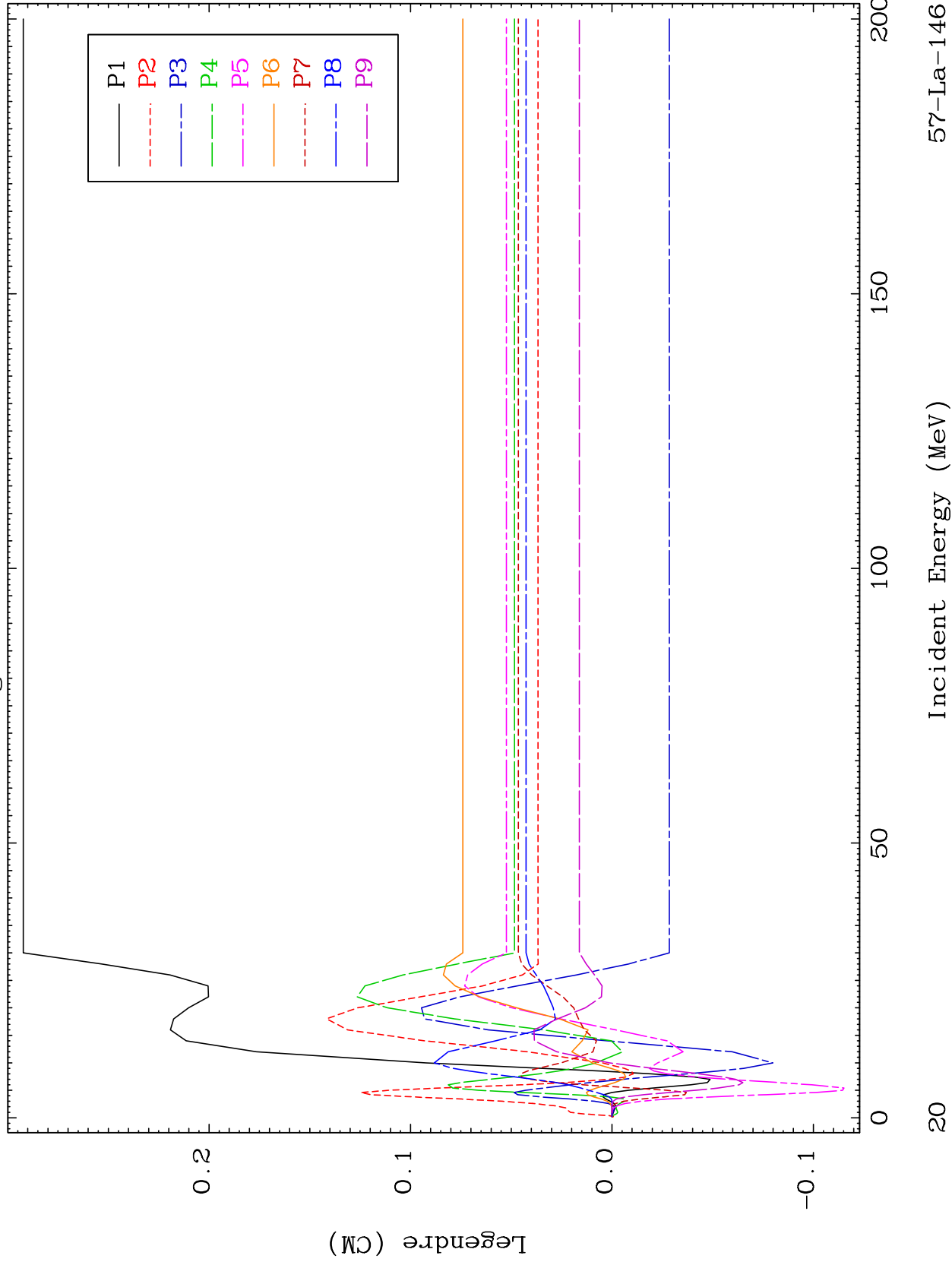
Incident Energy (MeV)

57-La-146

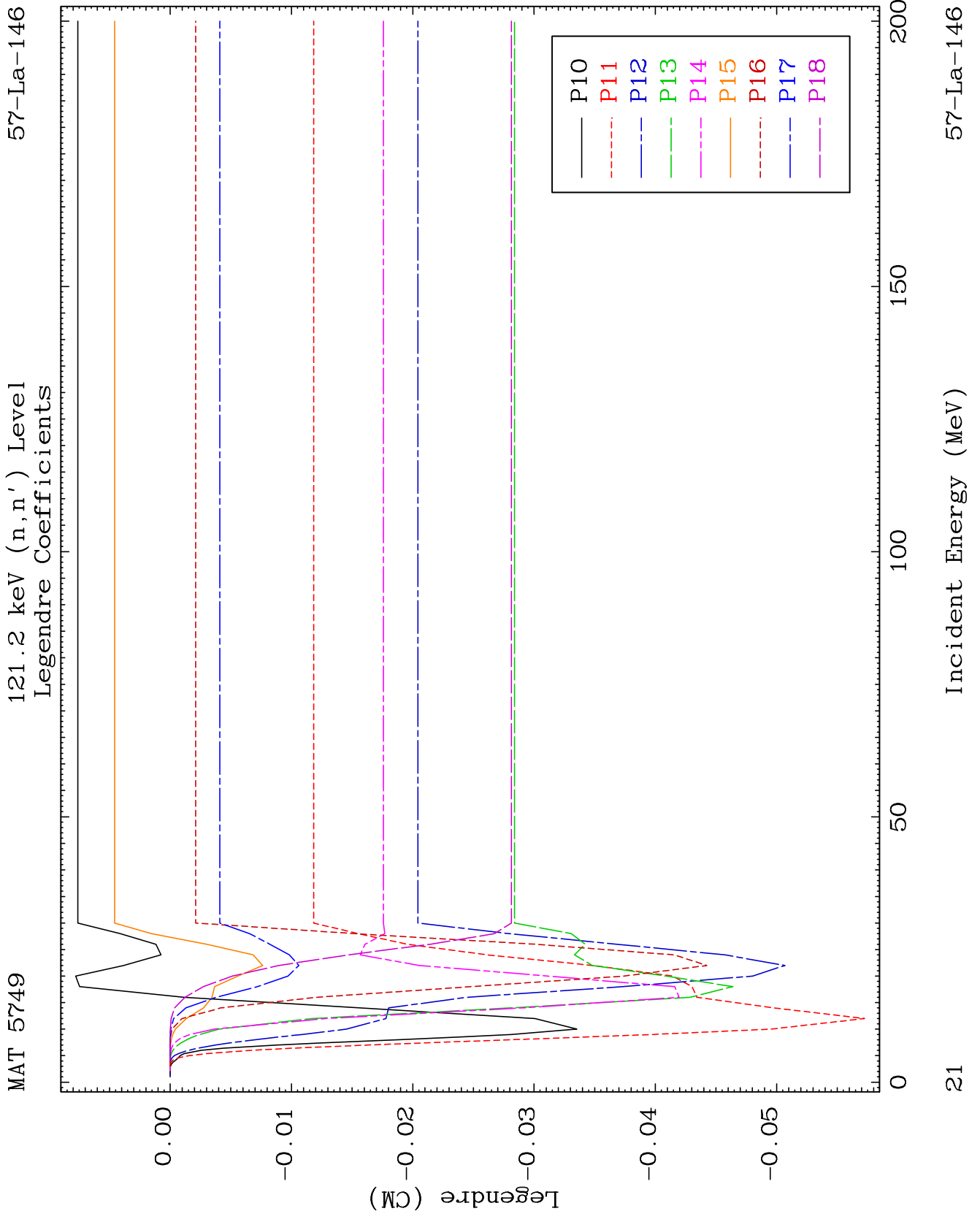
MAT 5749

121.2 keV (n,n') Level
Legendre Coefficients

57-La-146



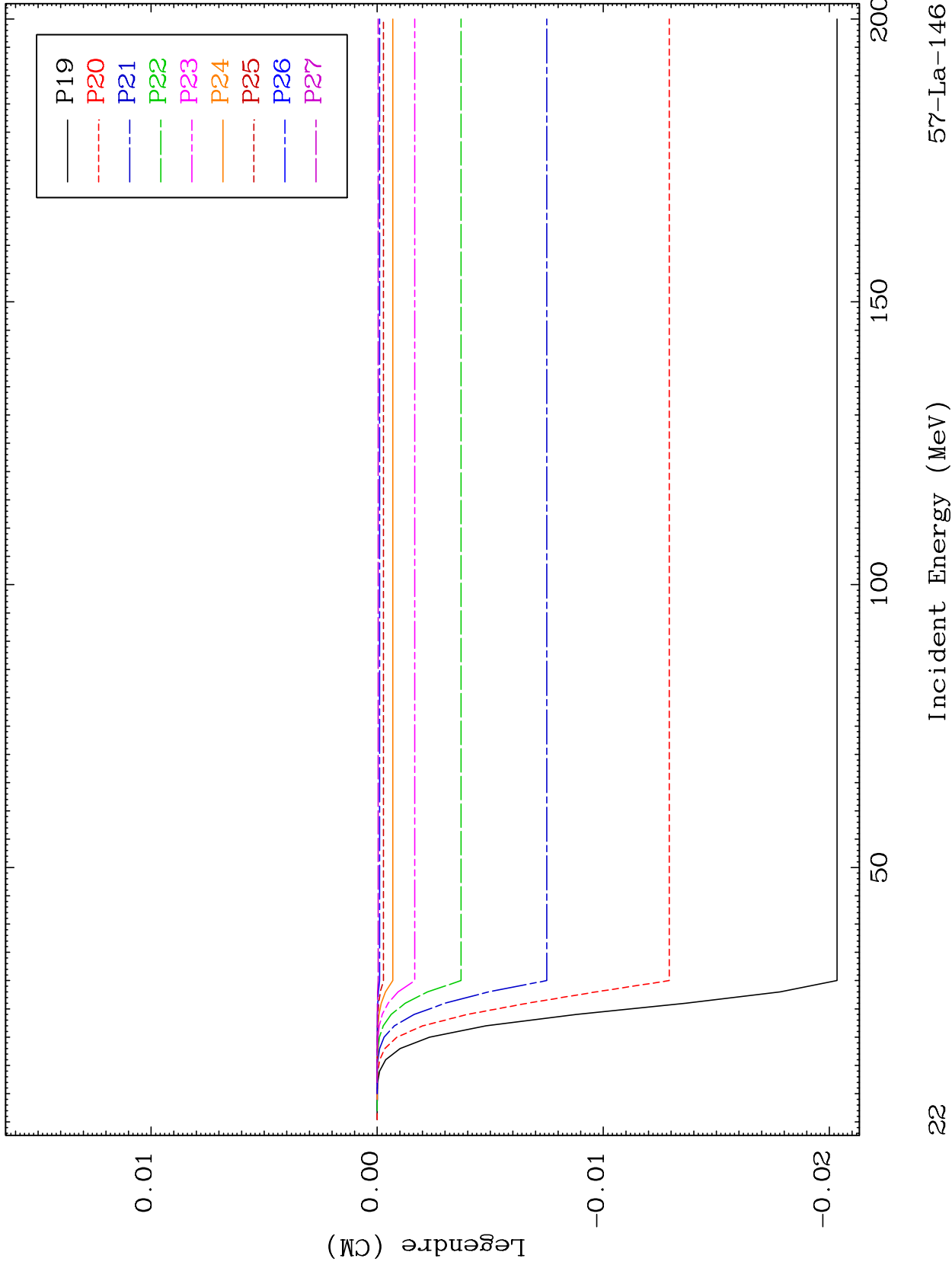
57-La-146



MAT 5749

121.2 keV (n,n') Level
Legendre Coefficients

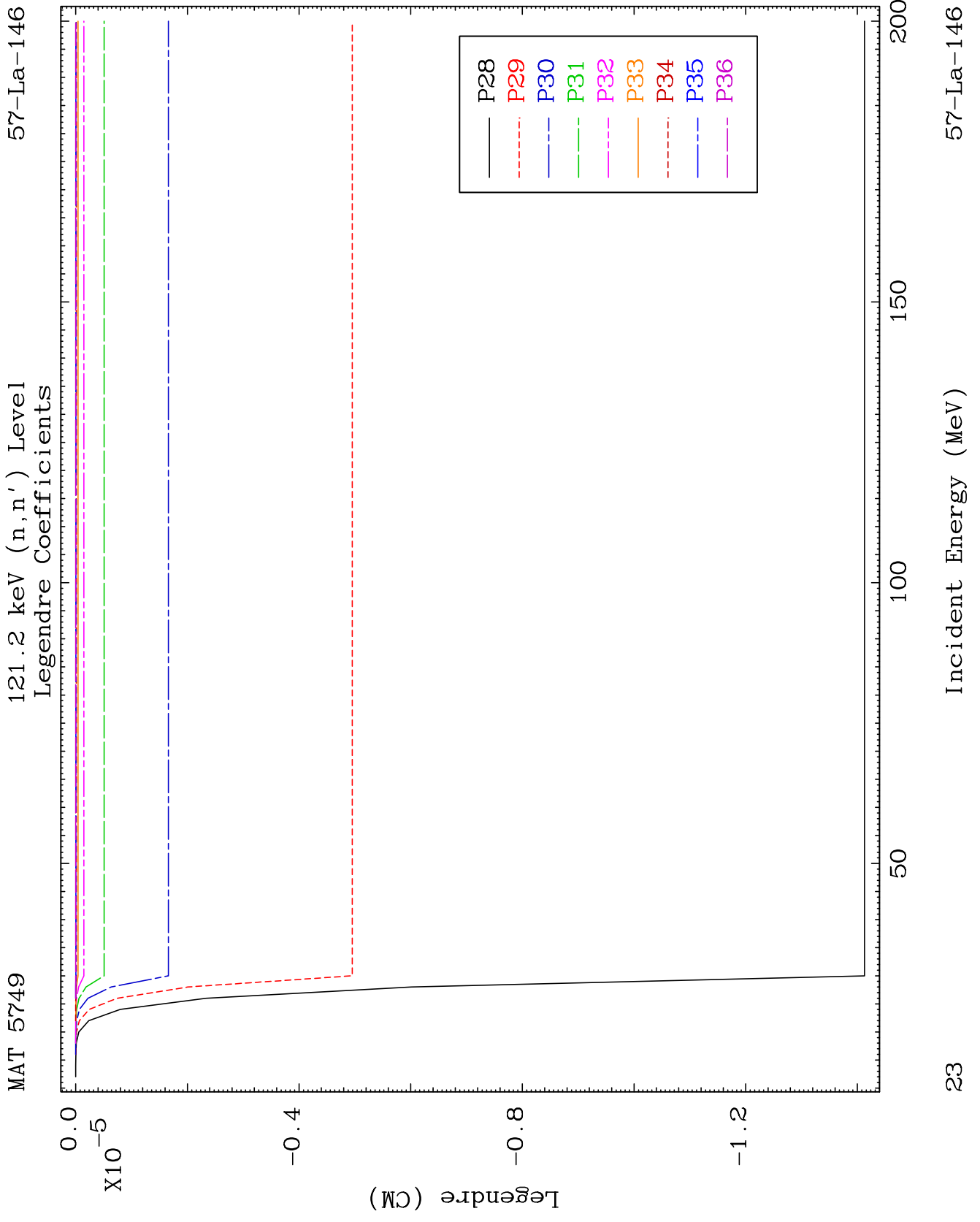
57-La-146



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Incident Energy (MeV)

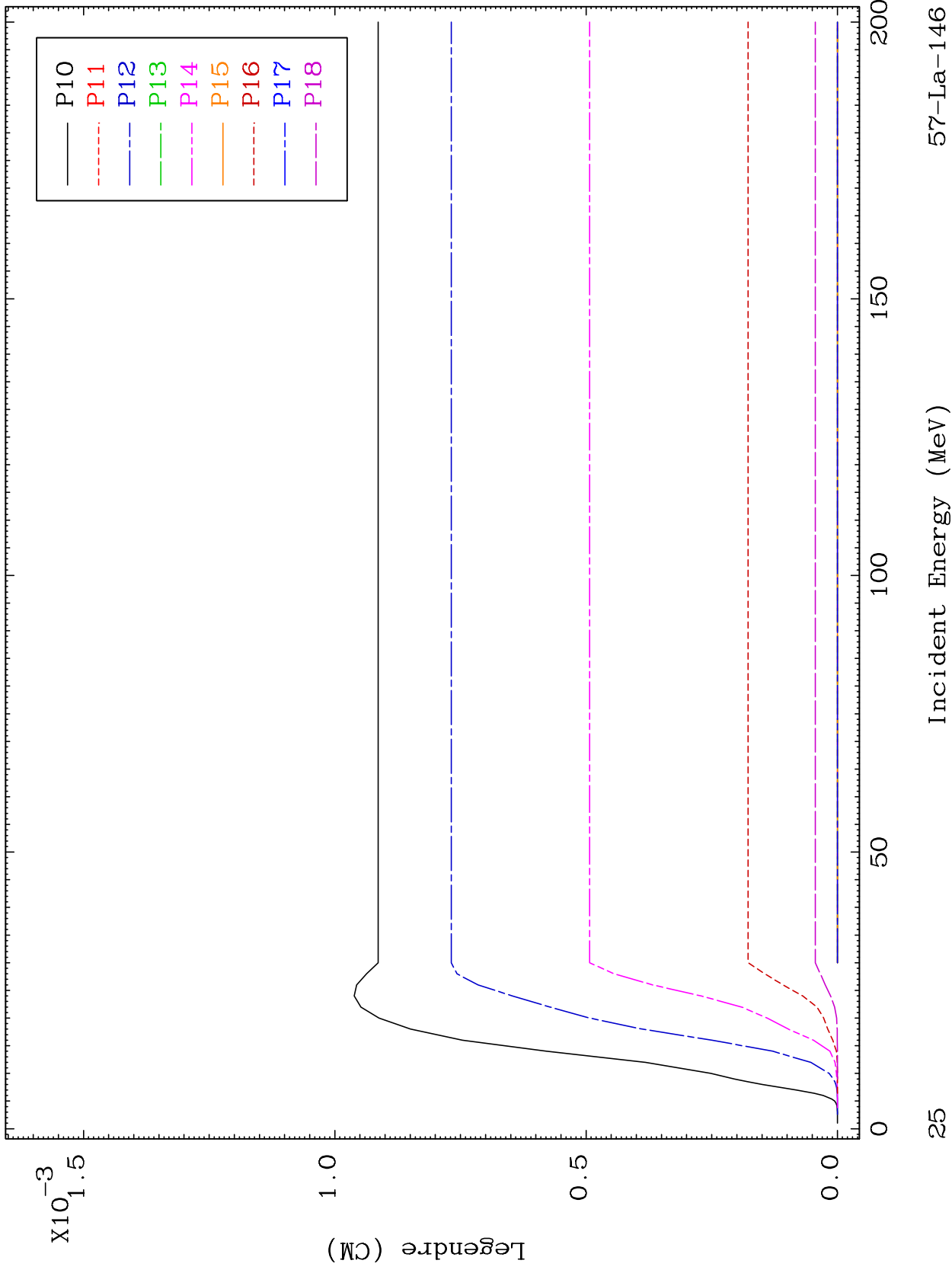
57-La-146



MAT 5749

140.7 keV (n,n') Level
Legendre Coefficients

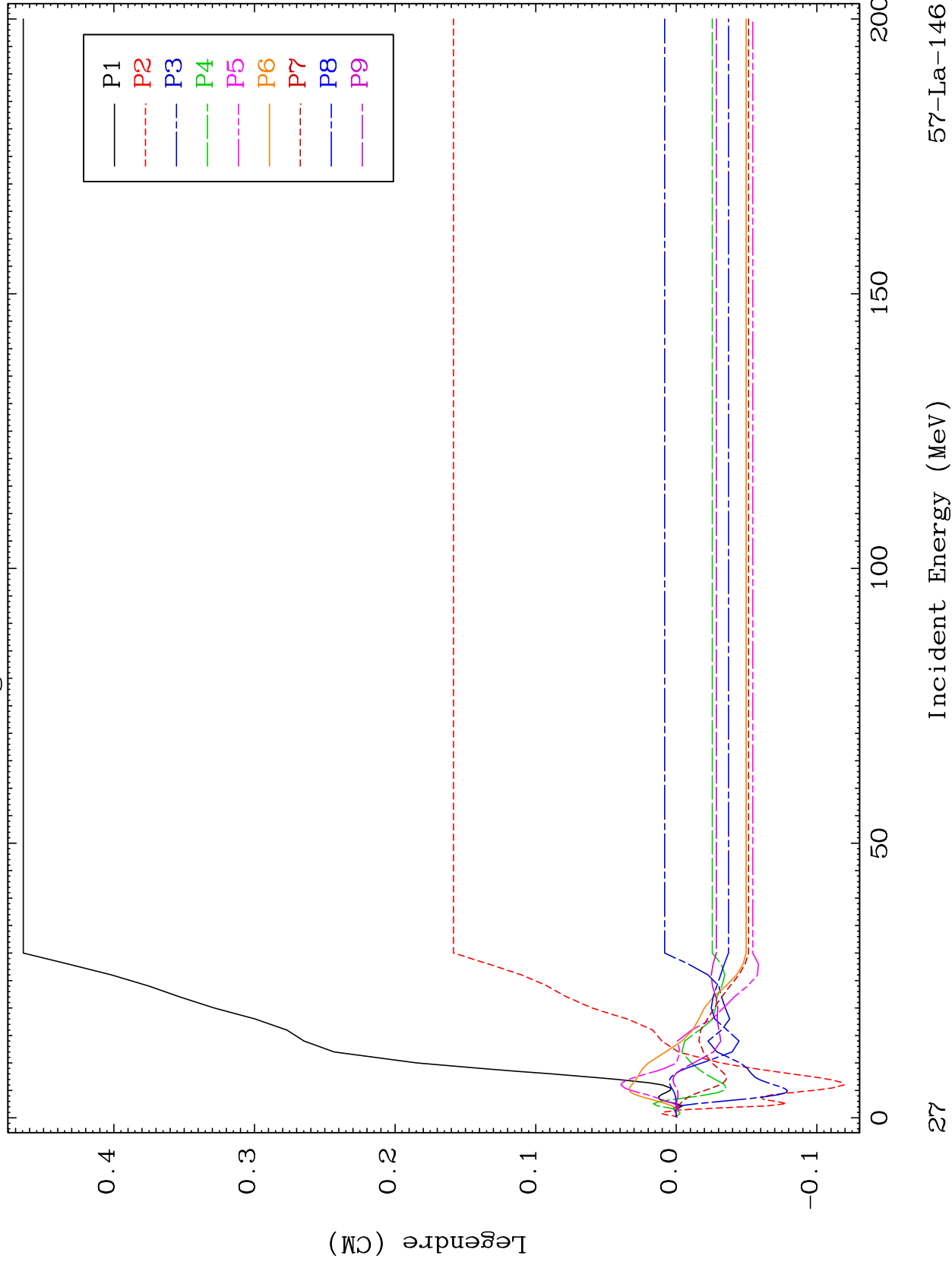
57-La-146



MAT 5749

144.7 keV (n, n') Level
Legendre Coefficients

57-La-146



57-La-146

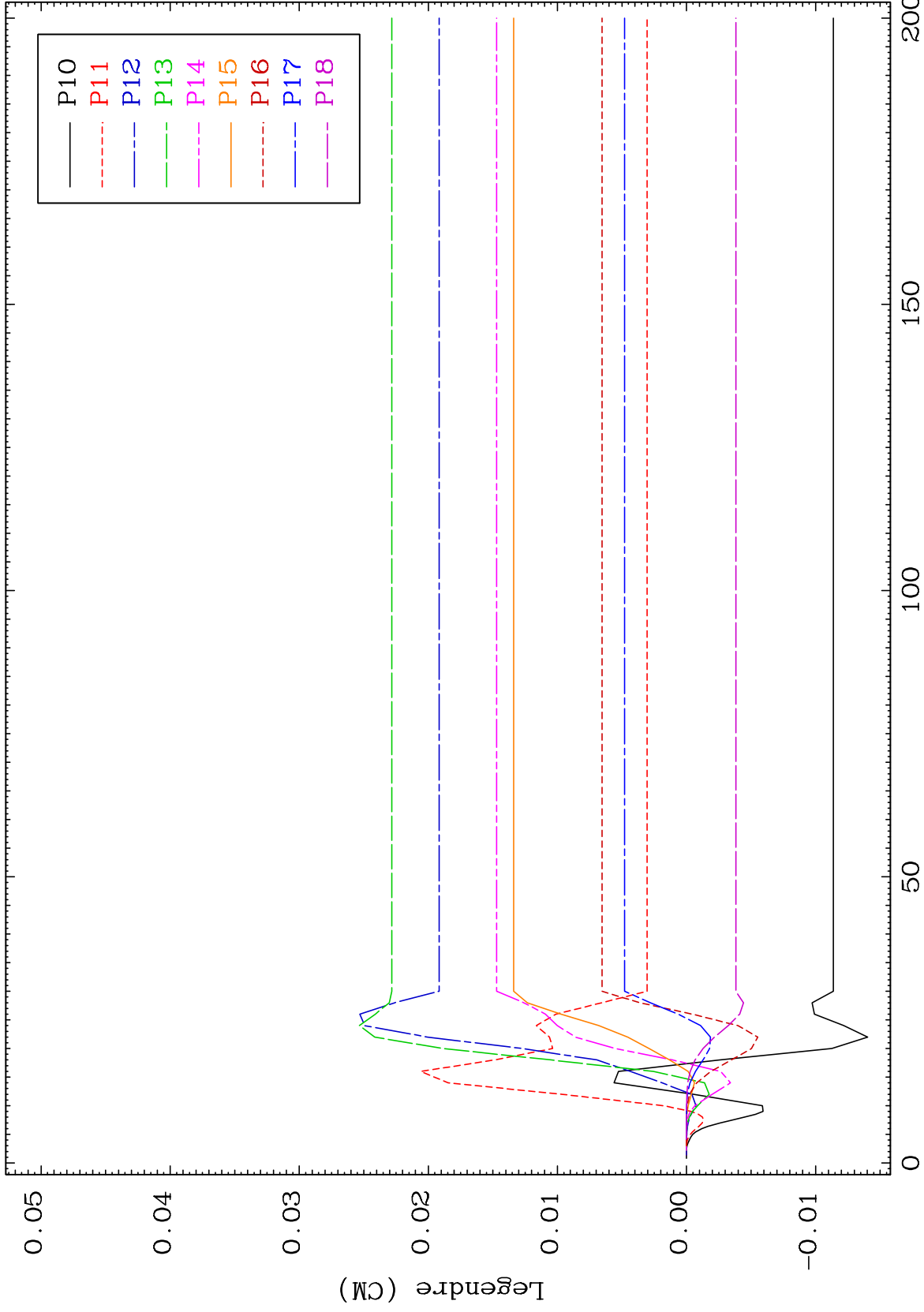
Incident Energy (MeV)

27

MAT 5749

144.7 keV (n,n') Level
Legendre Coefficients

57-La-146



28

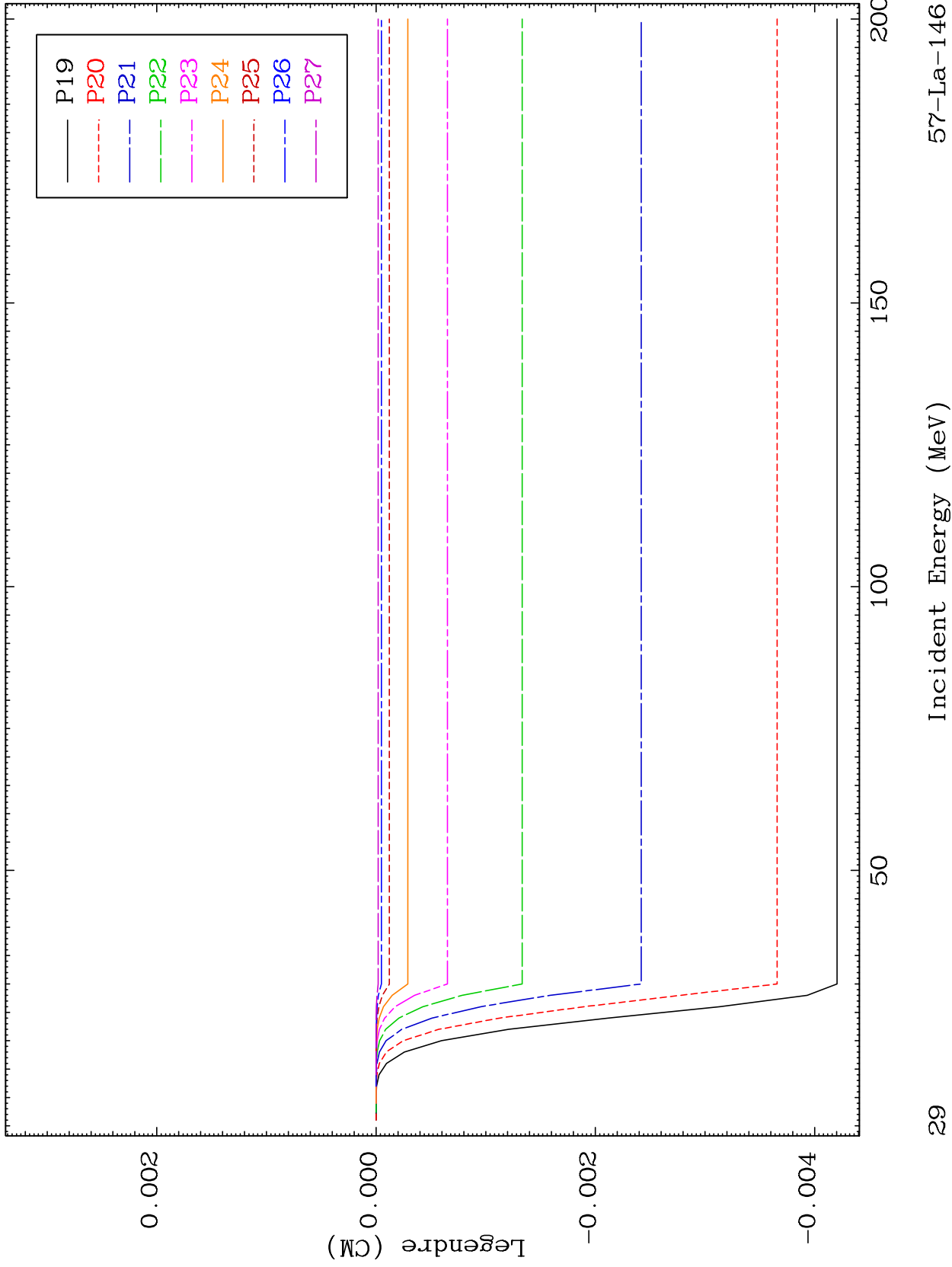
Incident Energy (MeV)

57-La-146

MAT 5749

144.7 keV (n,n') Level
Legendre Coefficients

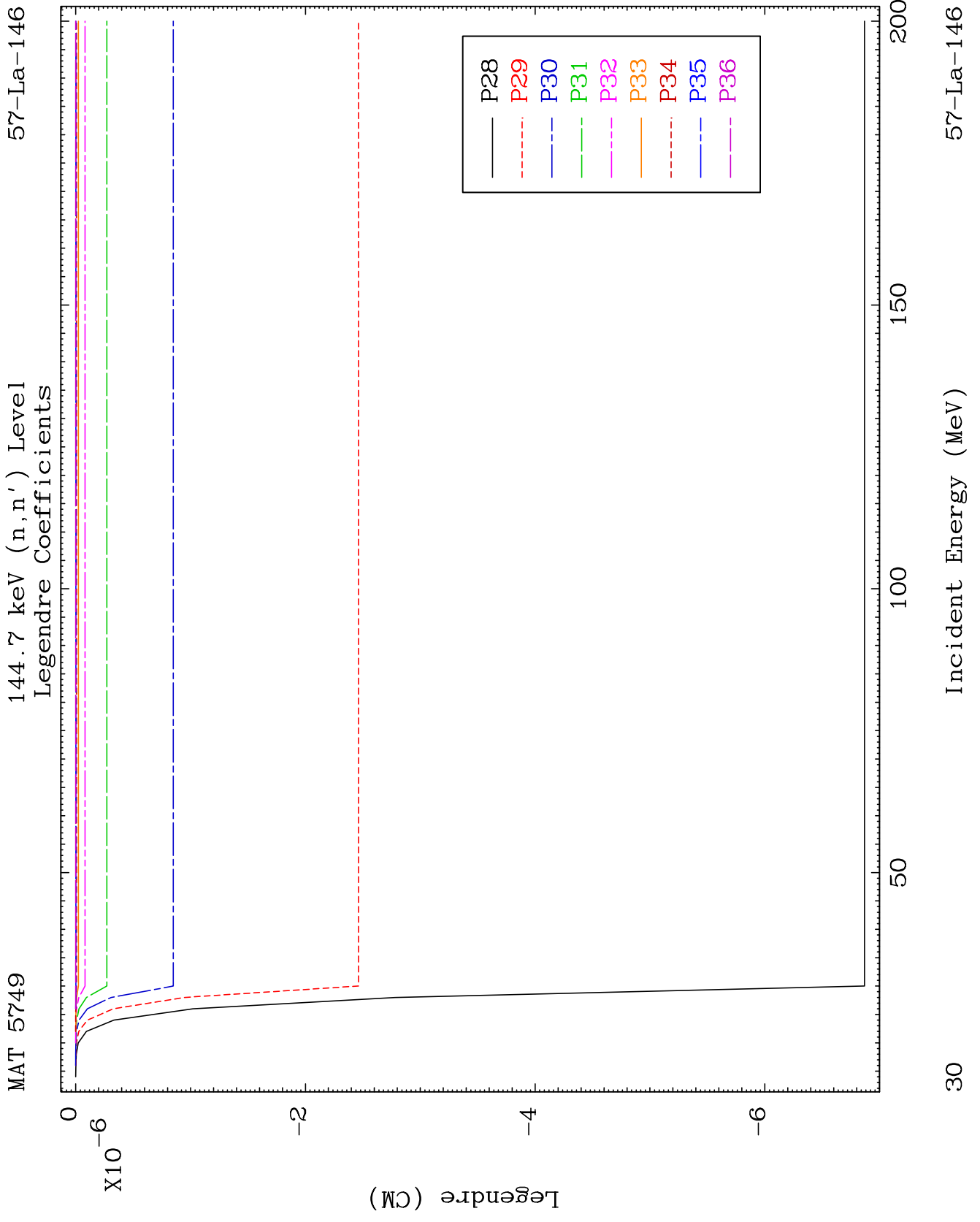
57-La-146

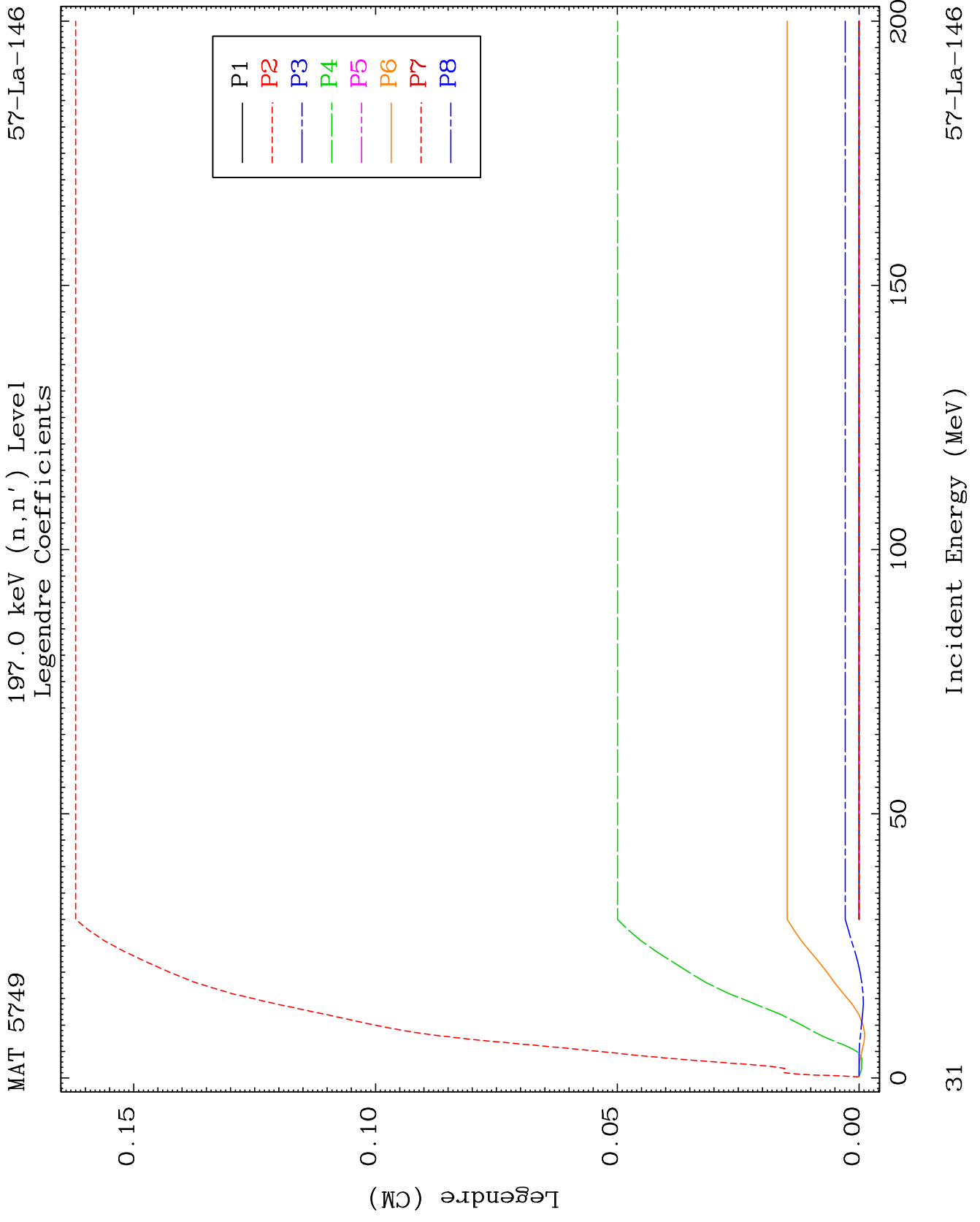


29

Incident Energy (MeV)

57-La-146

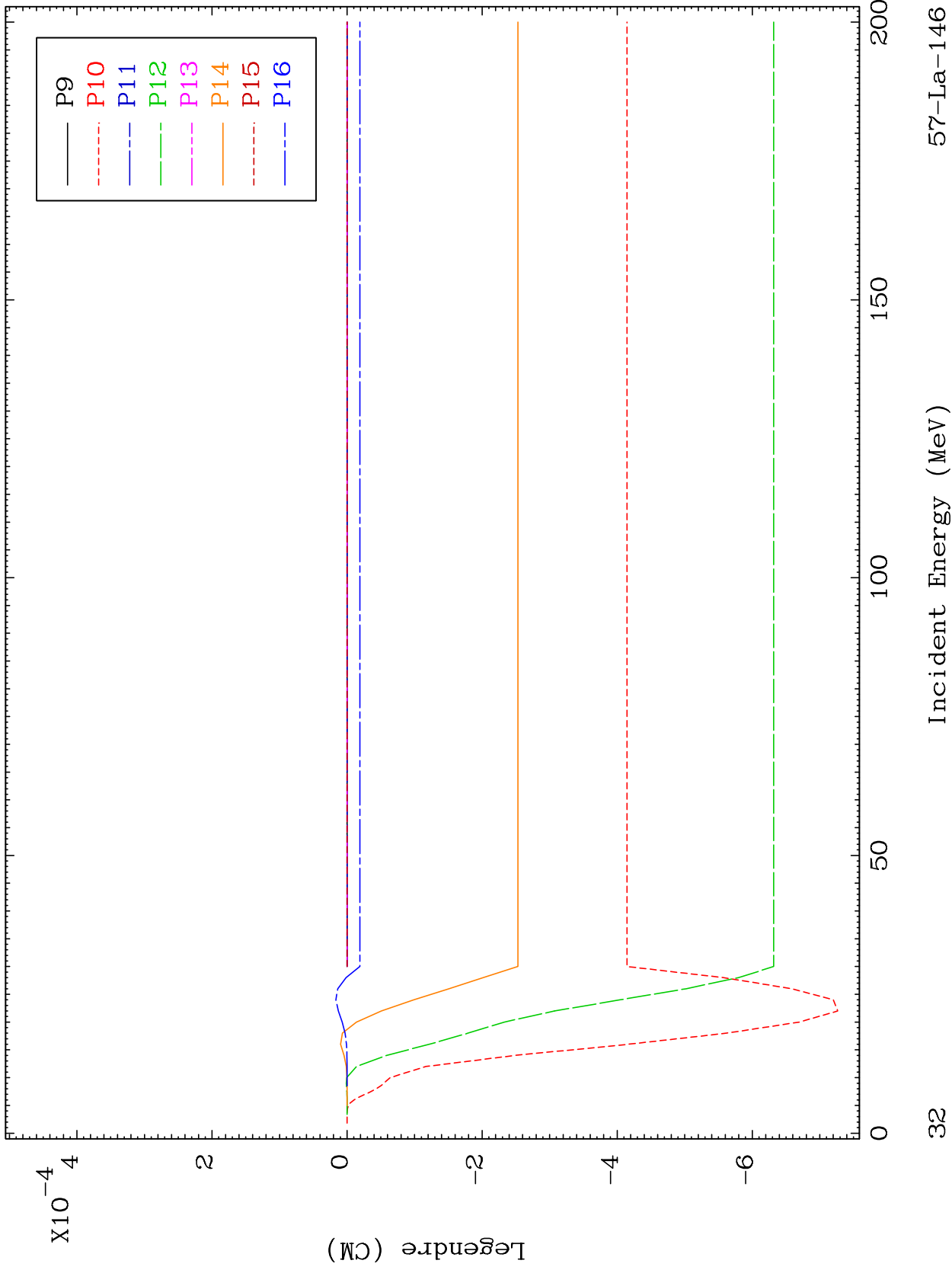




MAT 5749

197.0 keV (n,n') Level
Legendre Coefficients

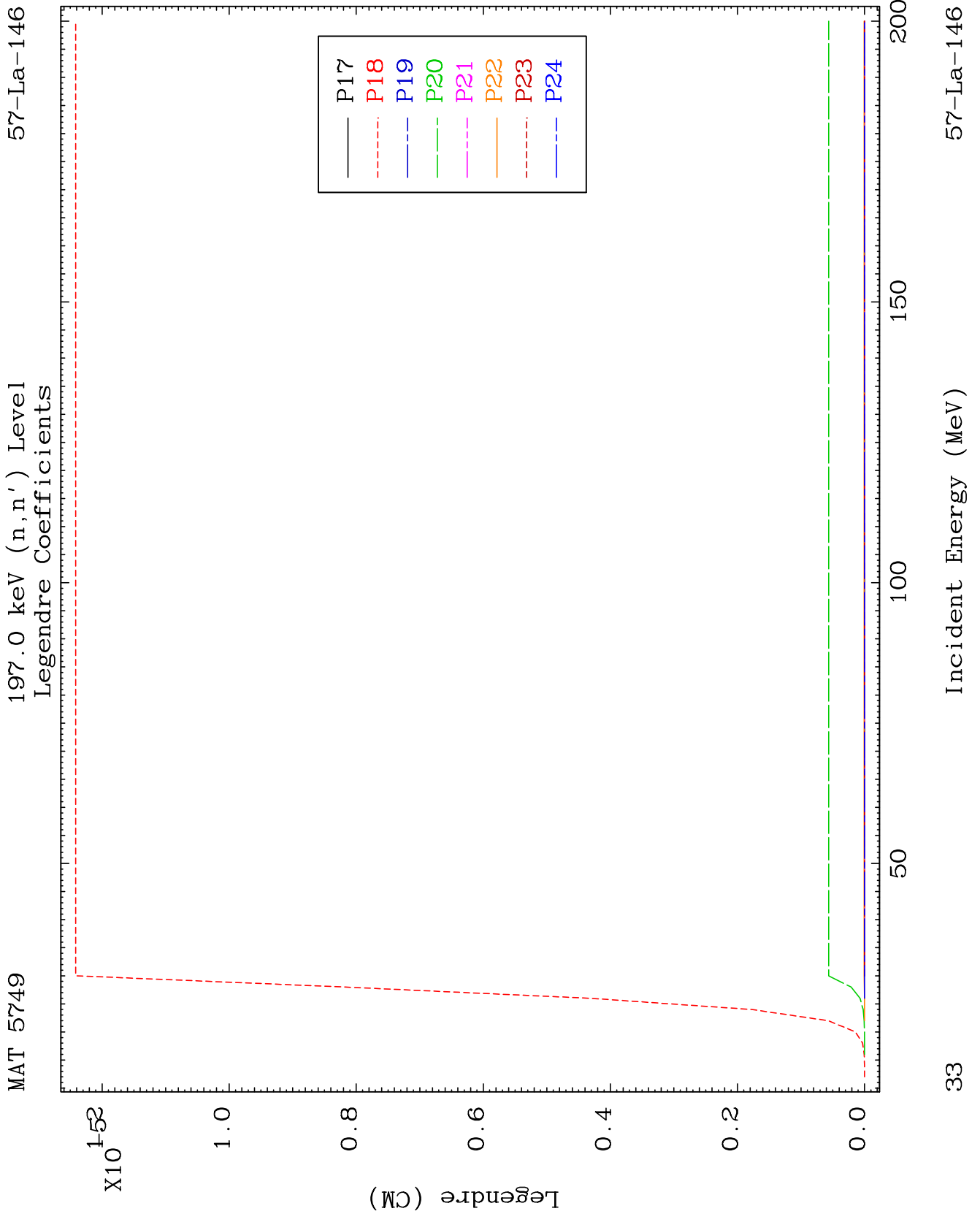
57-La-146

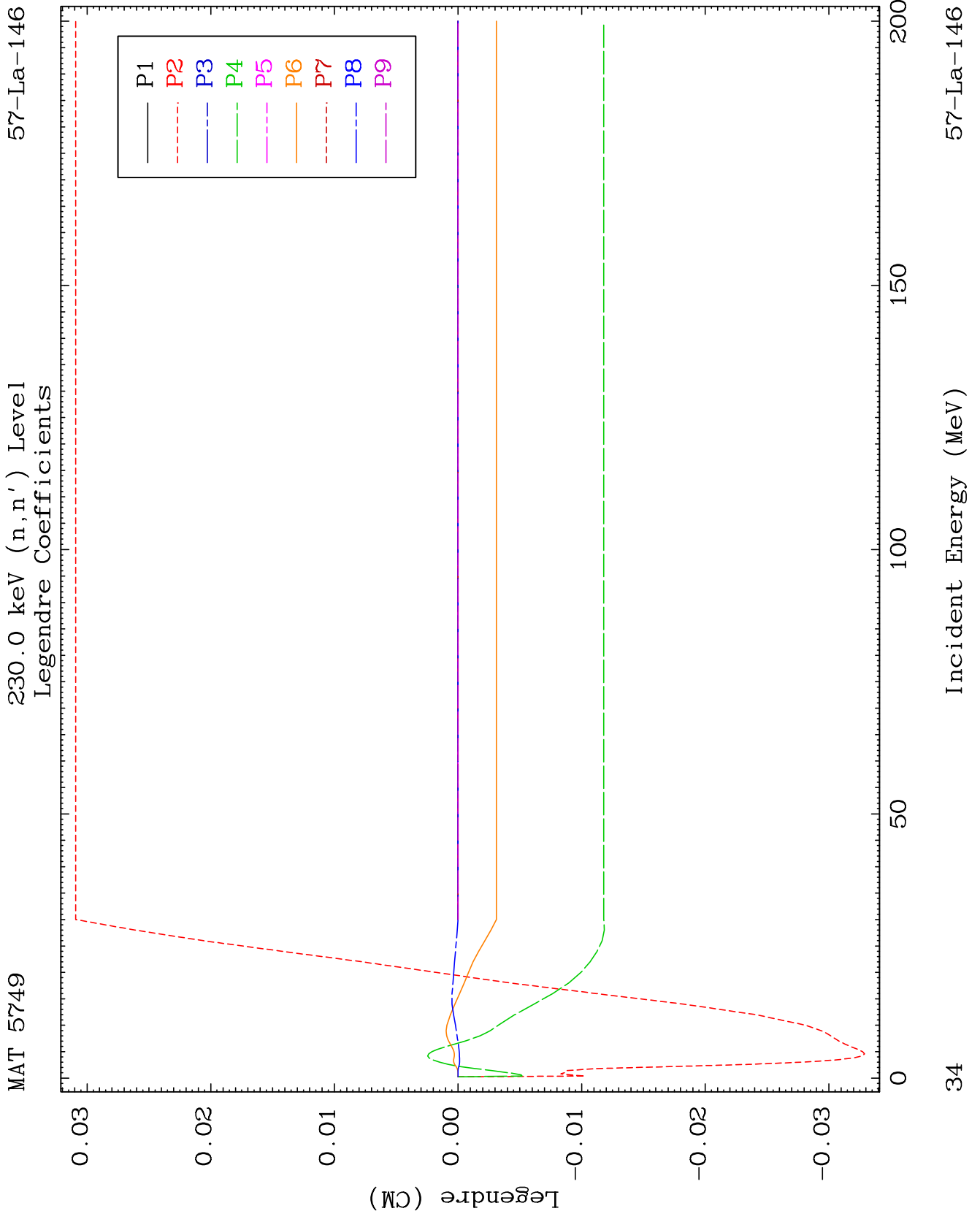


57-La-146

Incident Energy (MeV)

32

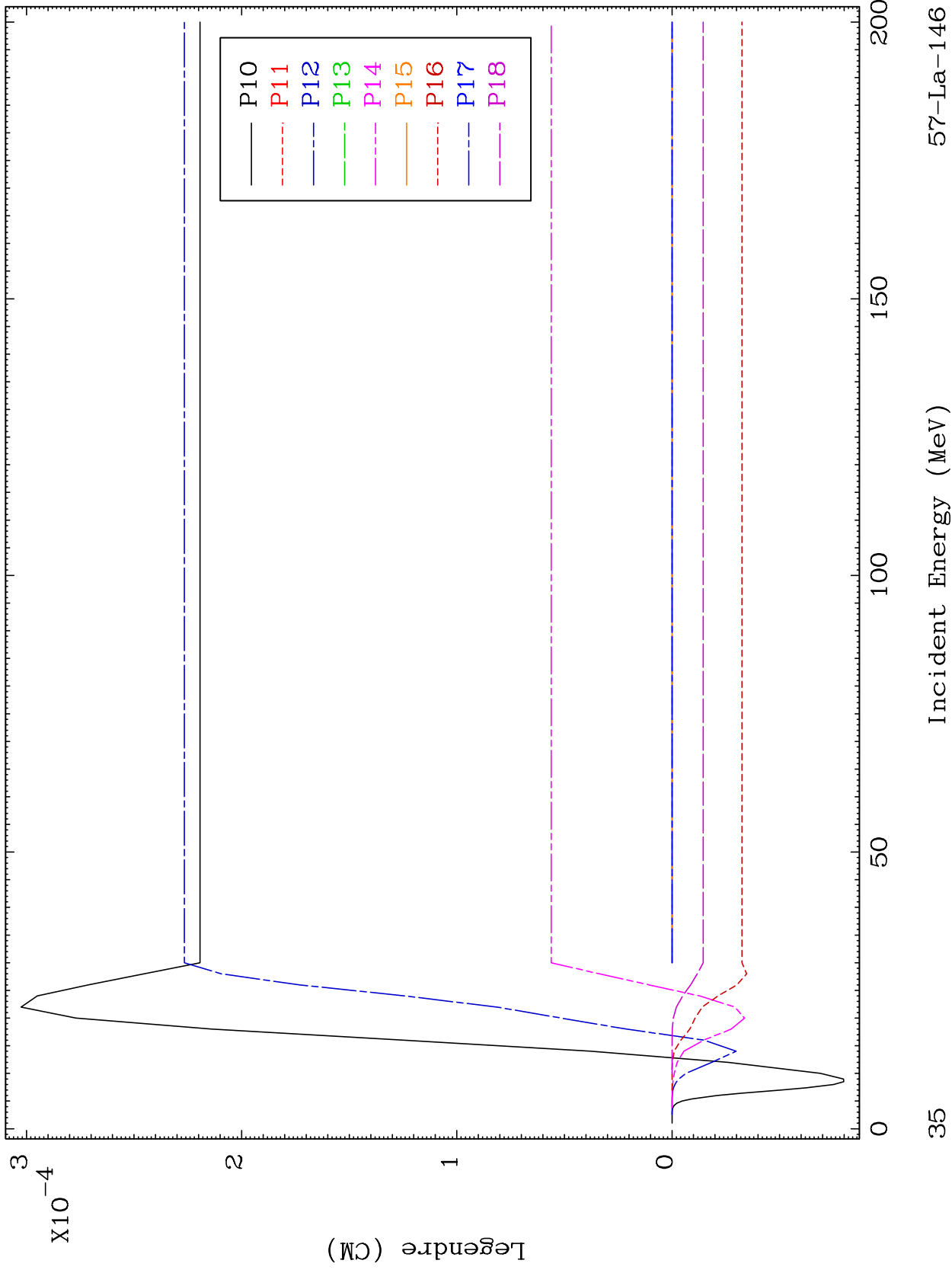




MAT 5749

230.0 keV (n,n') Level
Legendre Coefficients

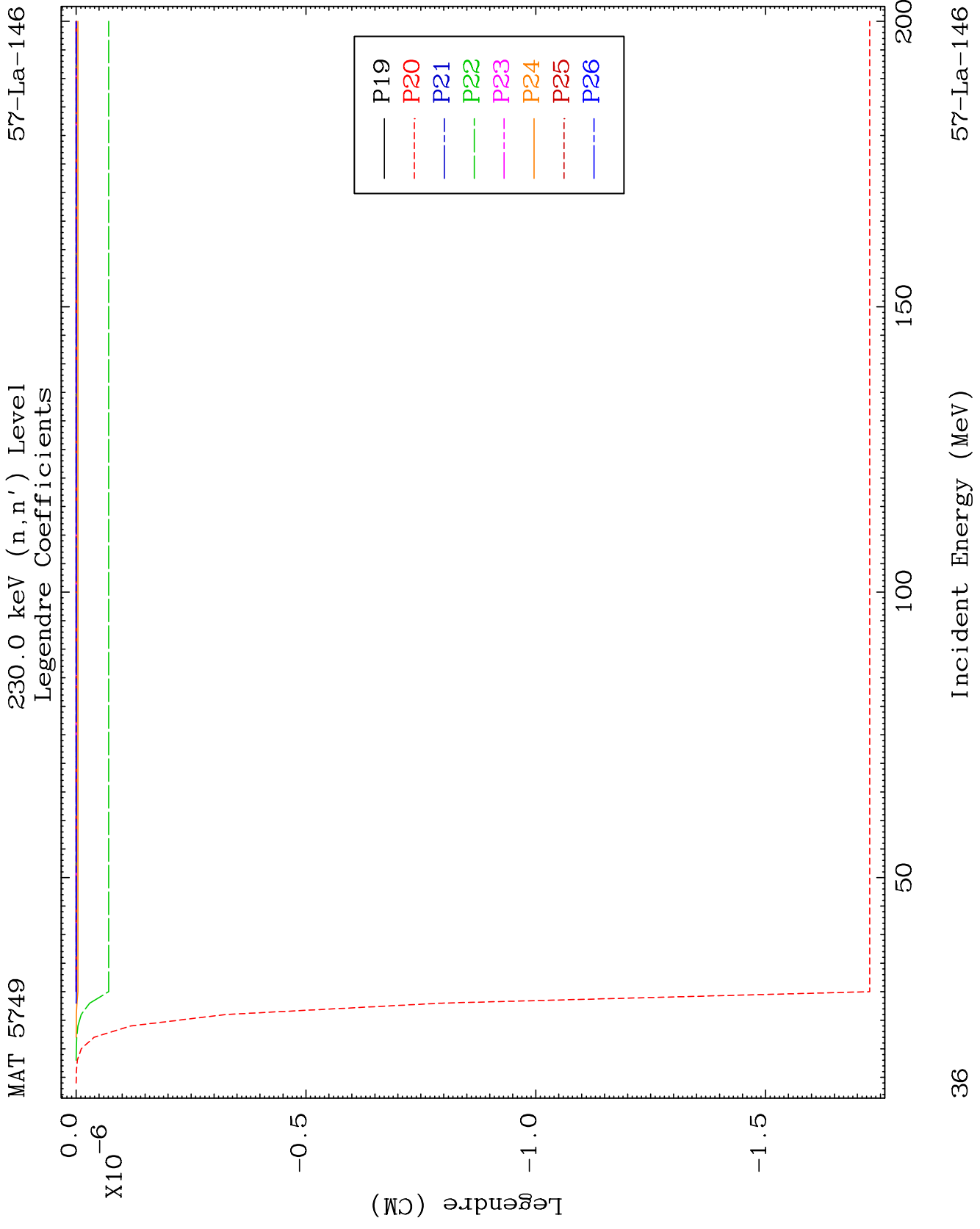
57-La-146



57-La-146

Incident Energy (MeV)

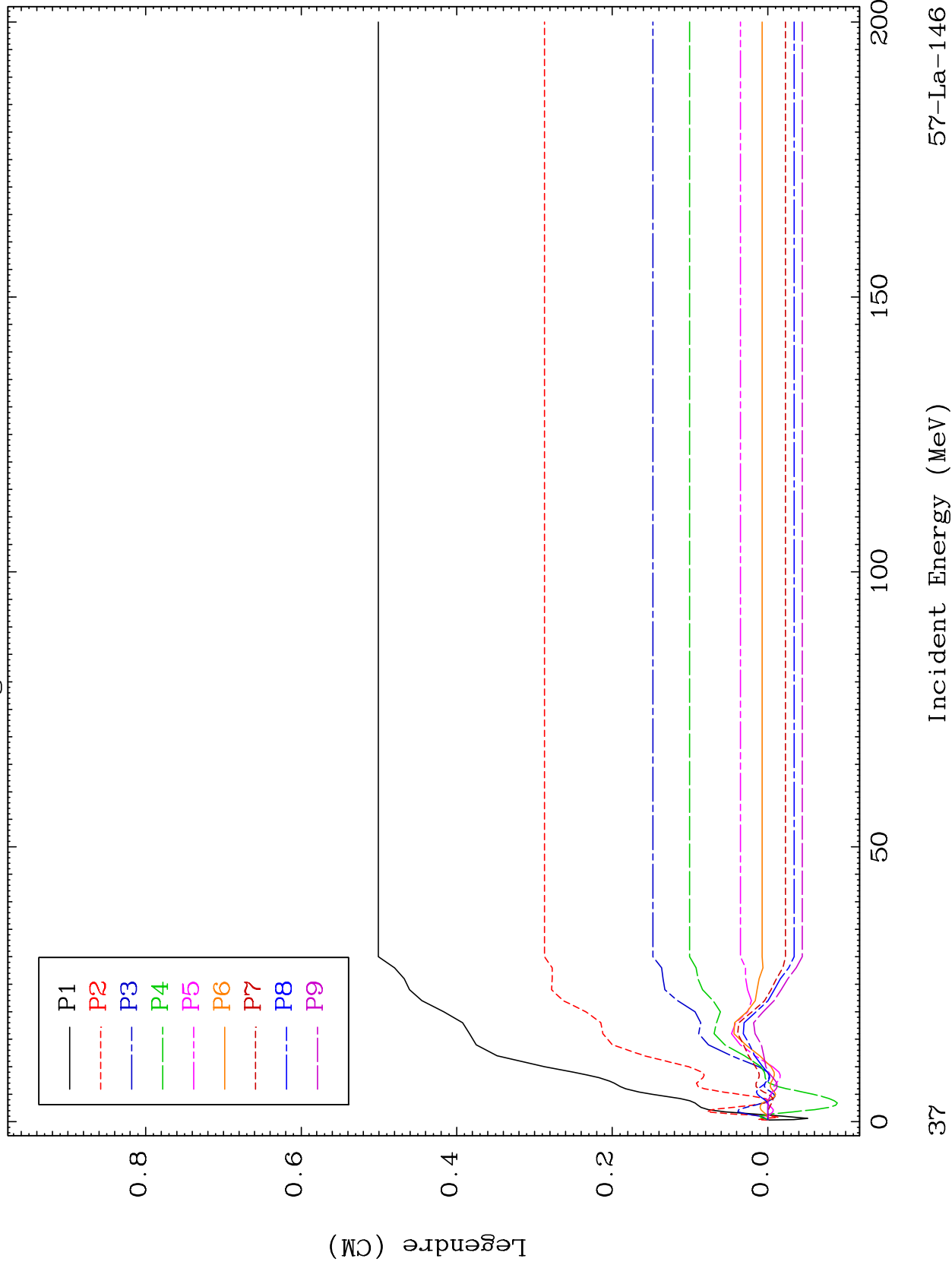
35



MAT 5749

294.7 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

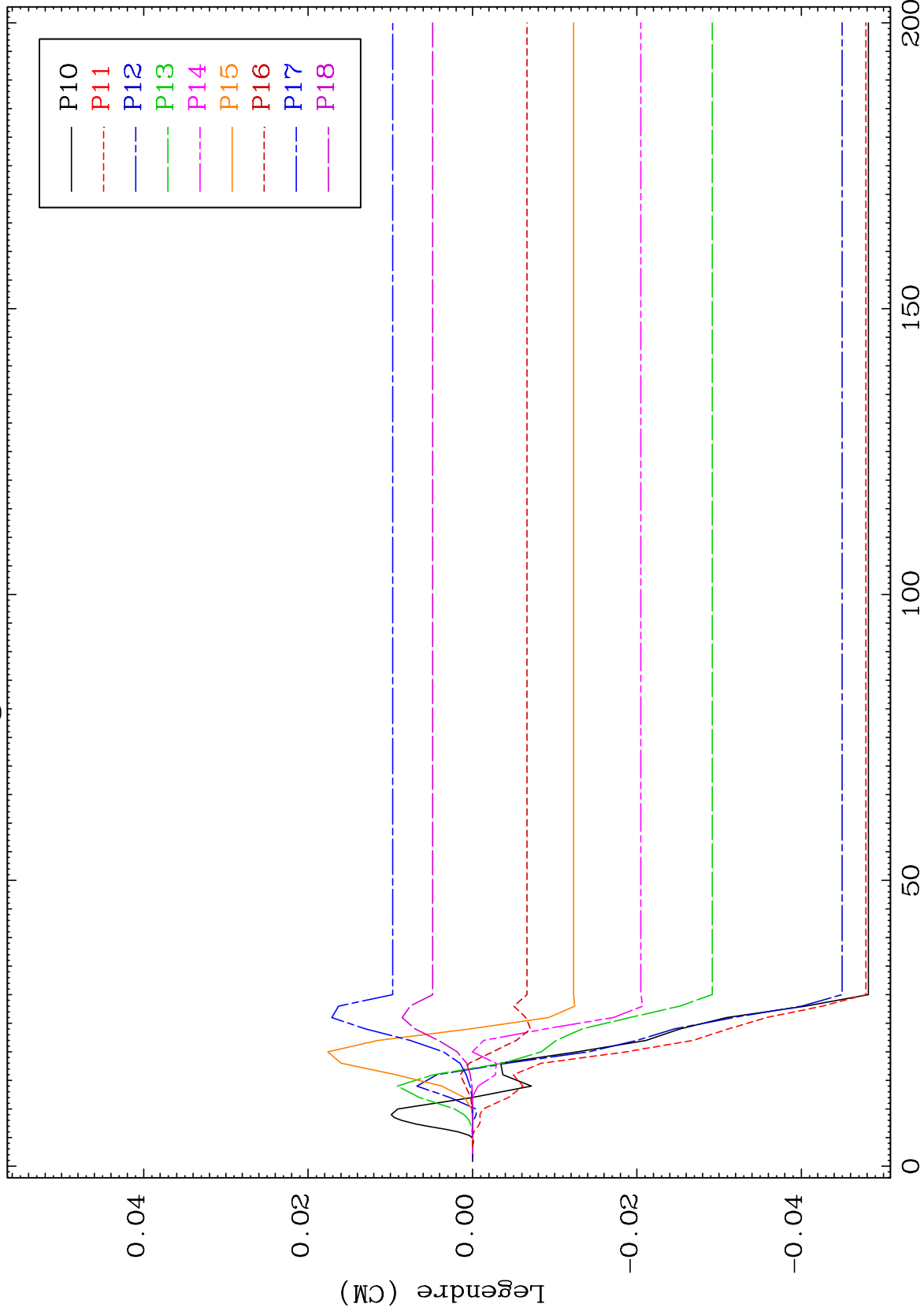
Incident Energy (MeV)

37

MAT 5749

294.7 keV (n,n') Level
Legendre Coefficients

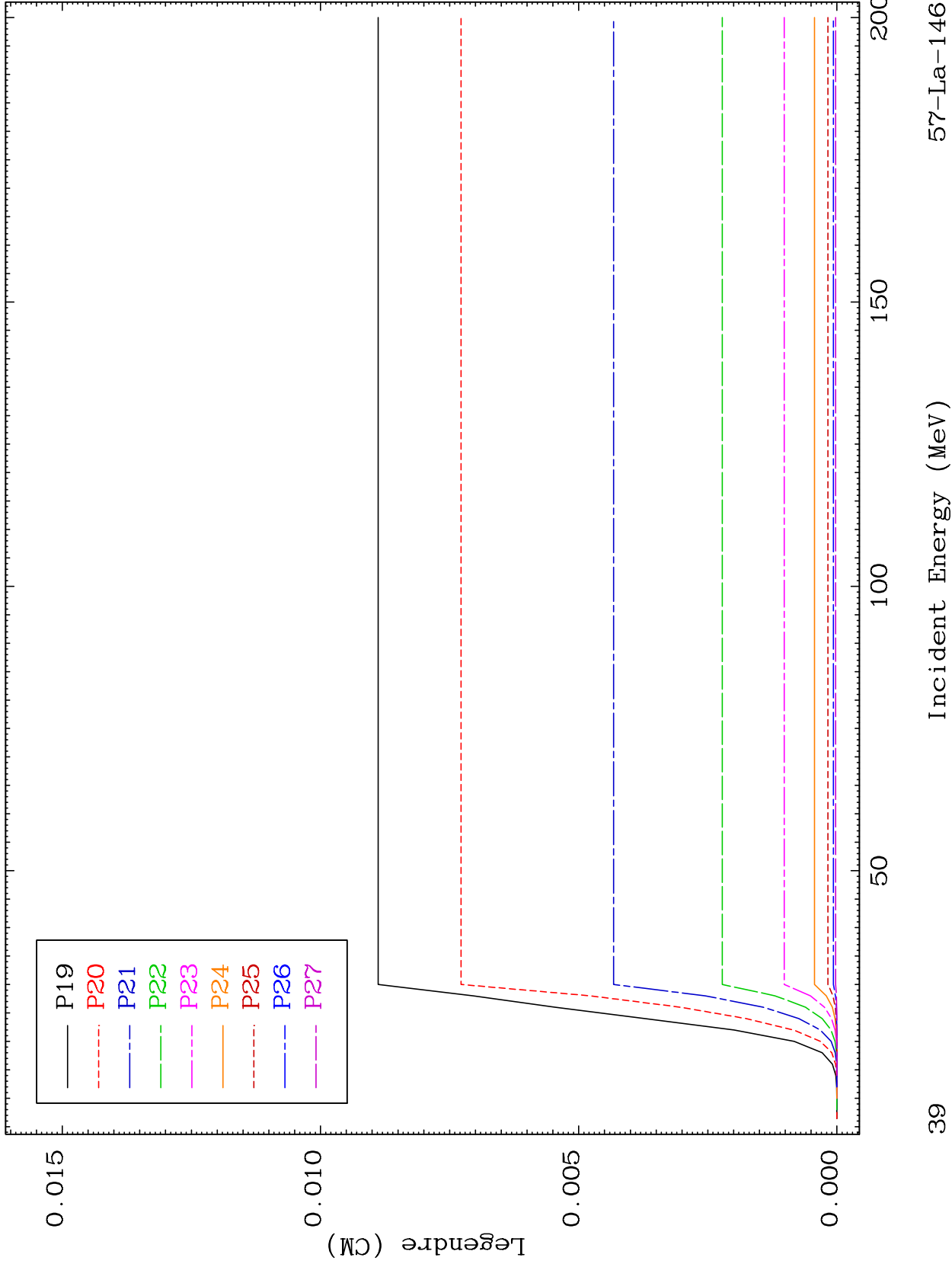
57-La-146



38

Incident Energy (MeV)

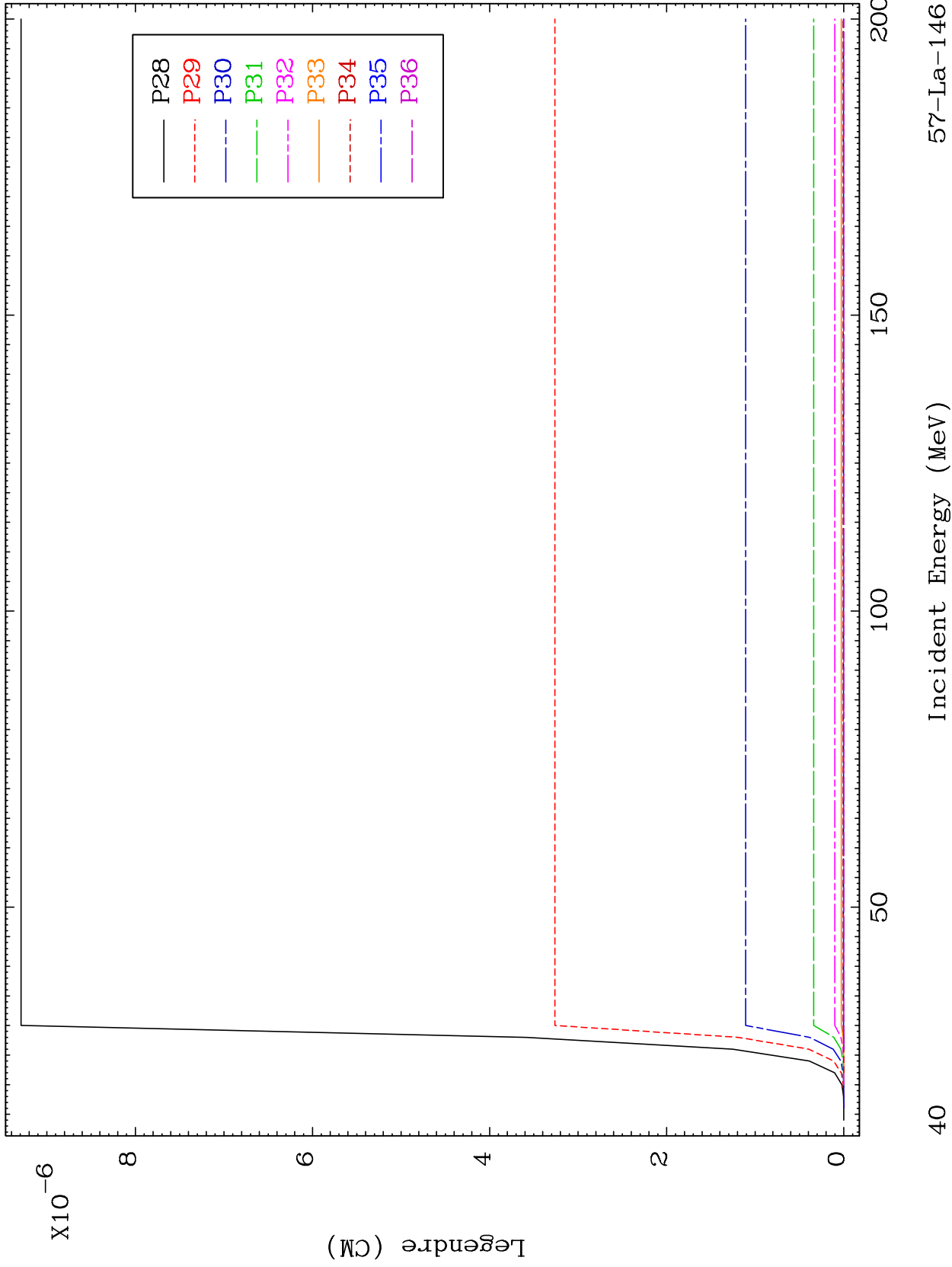
57-La-146



MAT 5749

294.7 keV (n, n') Level
Legendre Coefficients

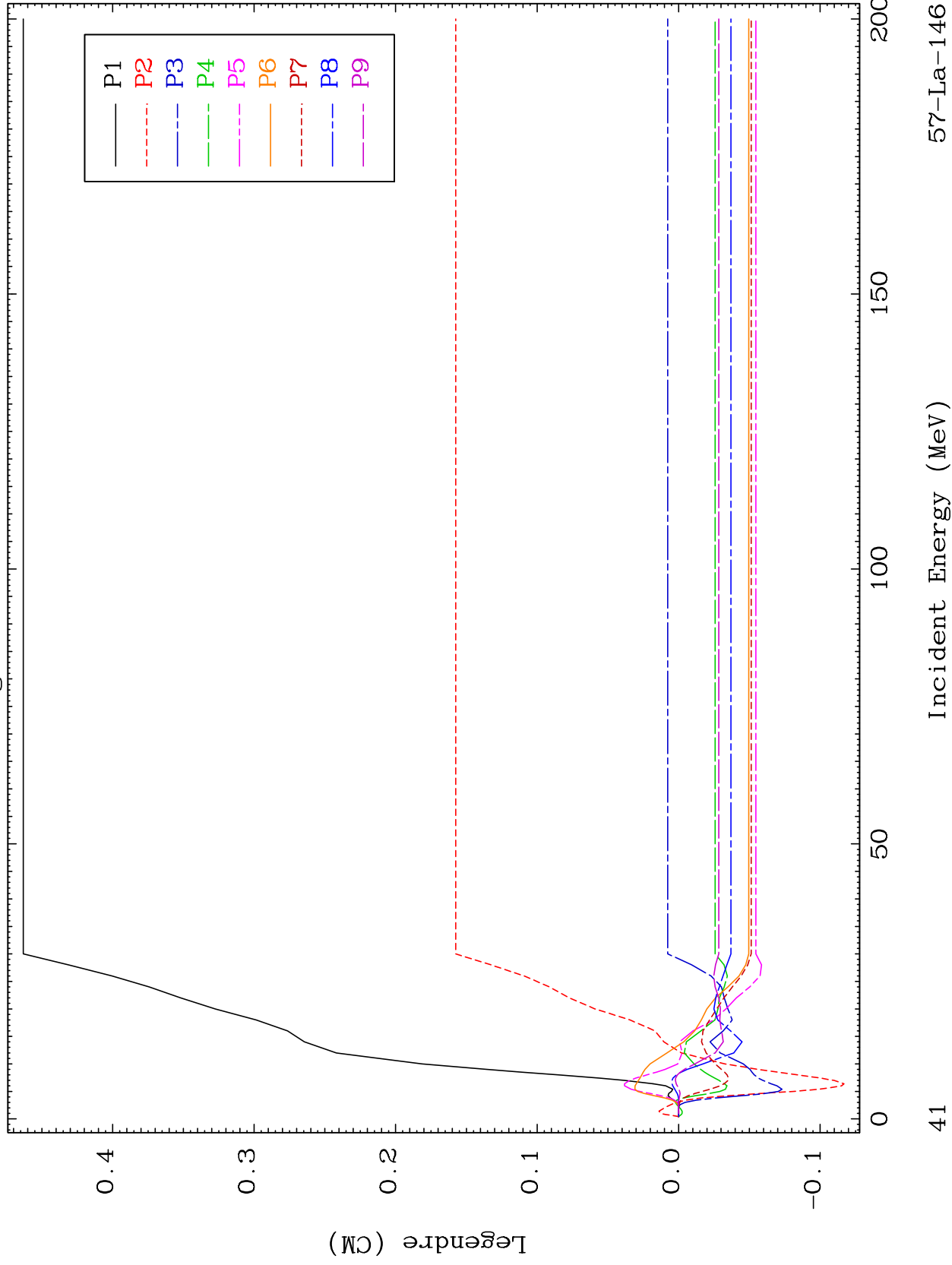
57-La-146



MAT 5749

326.5 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

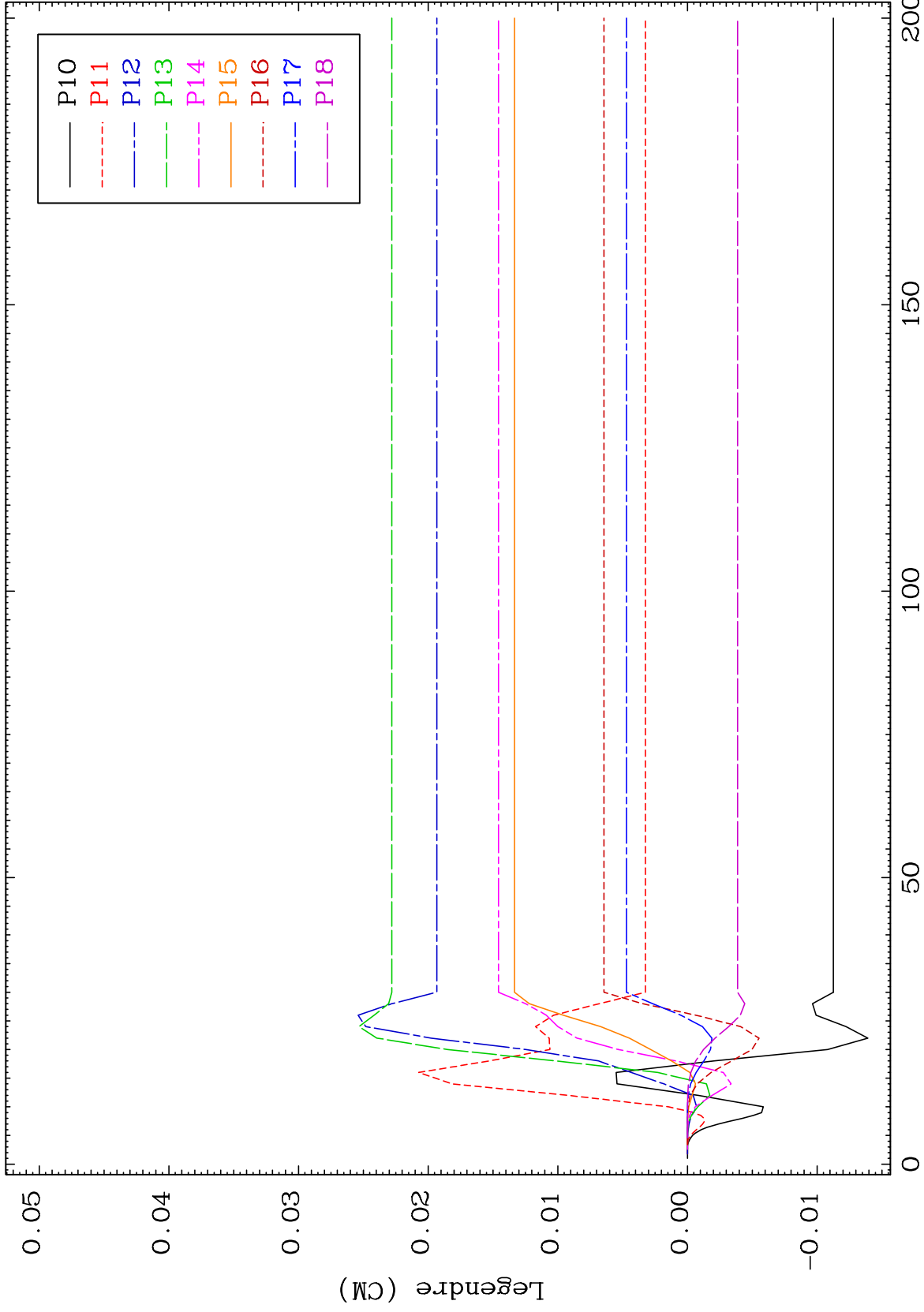
Incident Energy (MeV)

41

MAT 5749

326.5 keV (n,n') Level
Legendre Coefficients

57-La-146



42

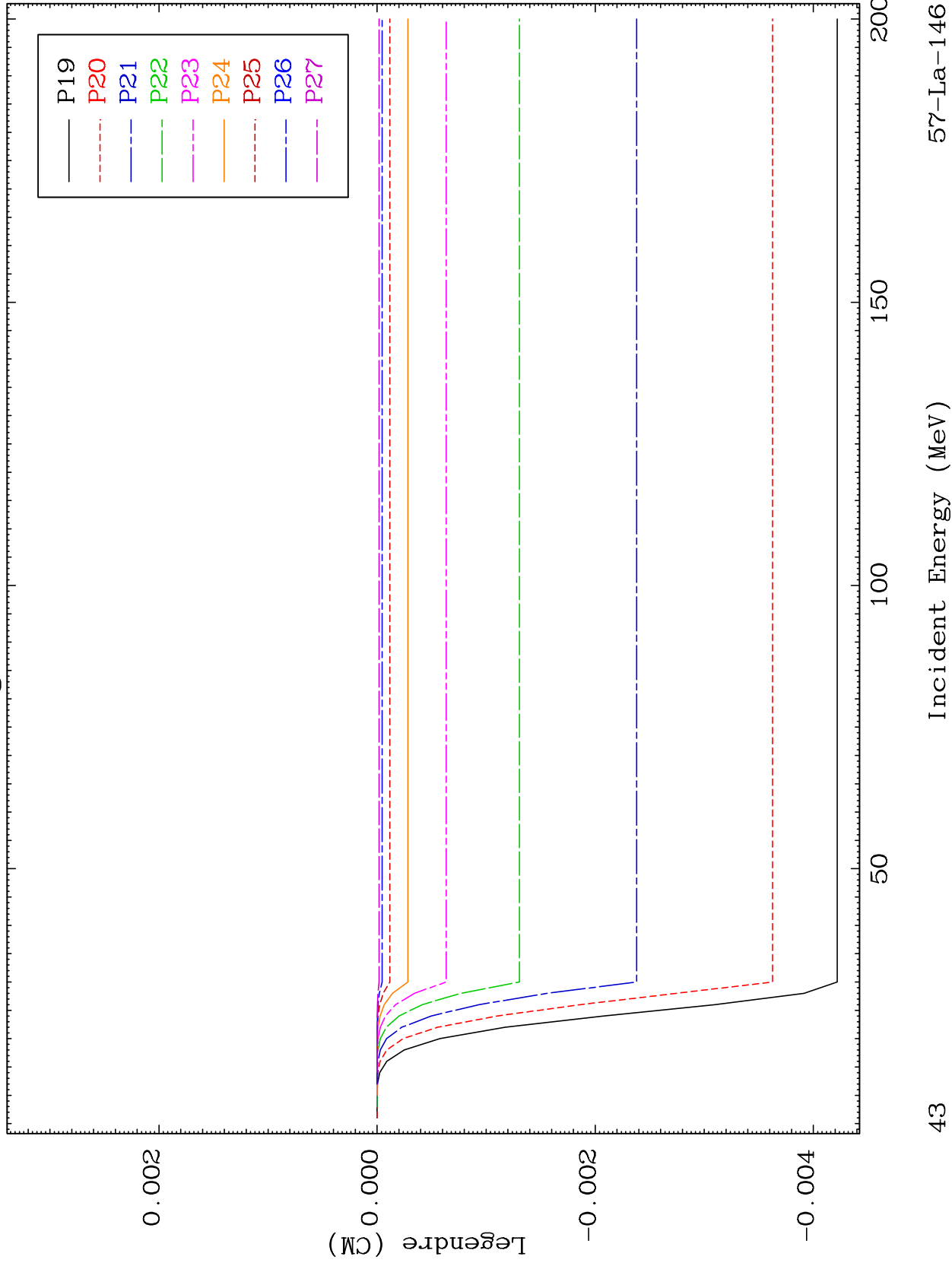
Incident Energy (MeV)

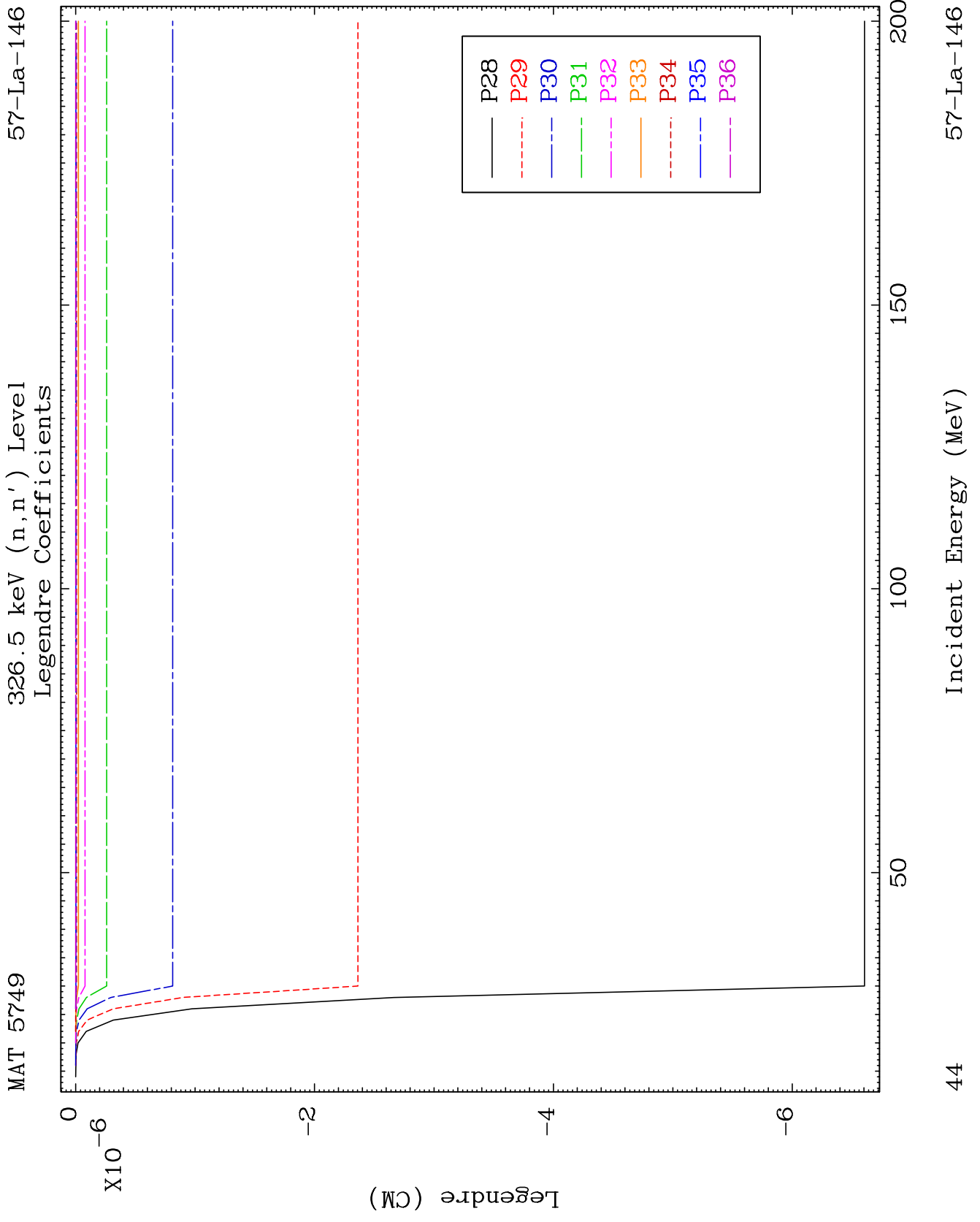
57-La-146

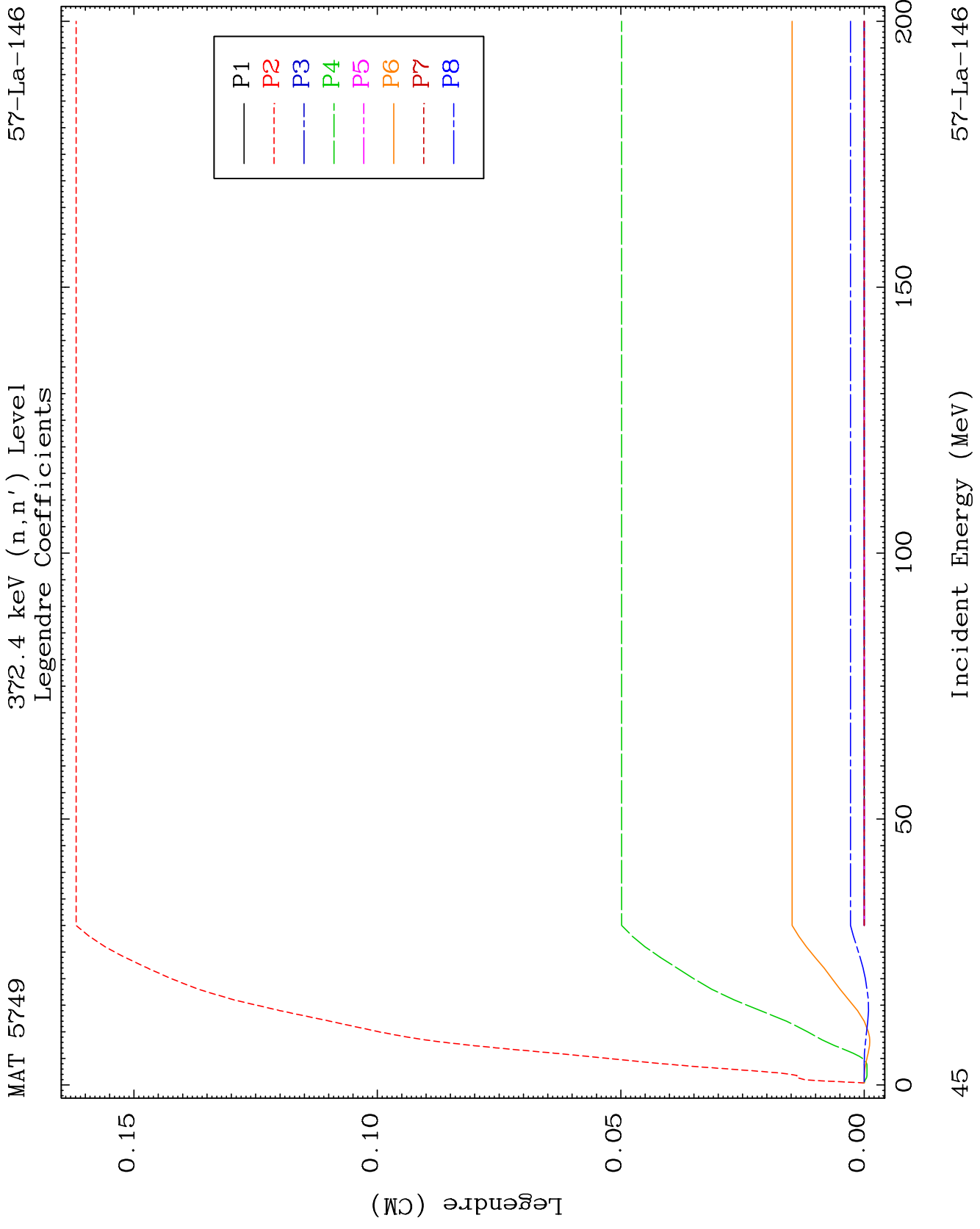
MAT 5749

326.5 keV (n,n') Level
Legendre Coefficients

57-La-146



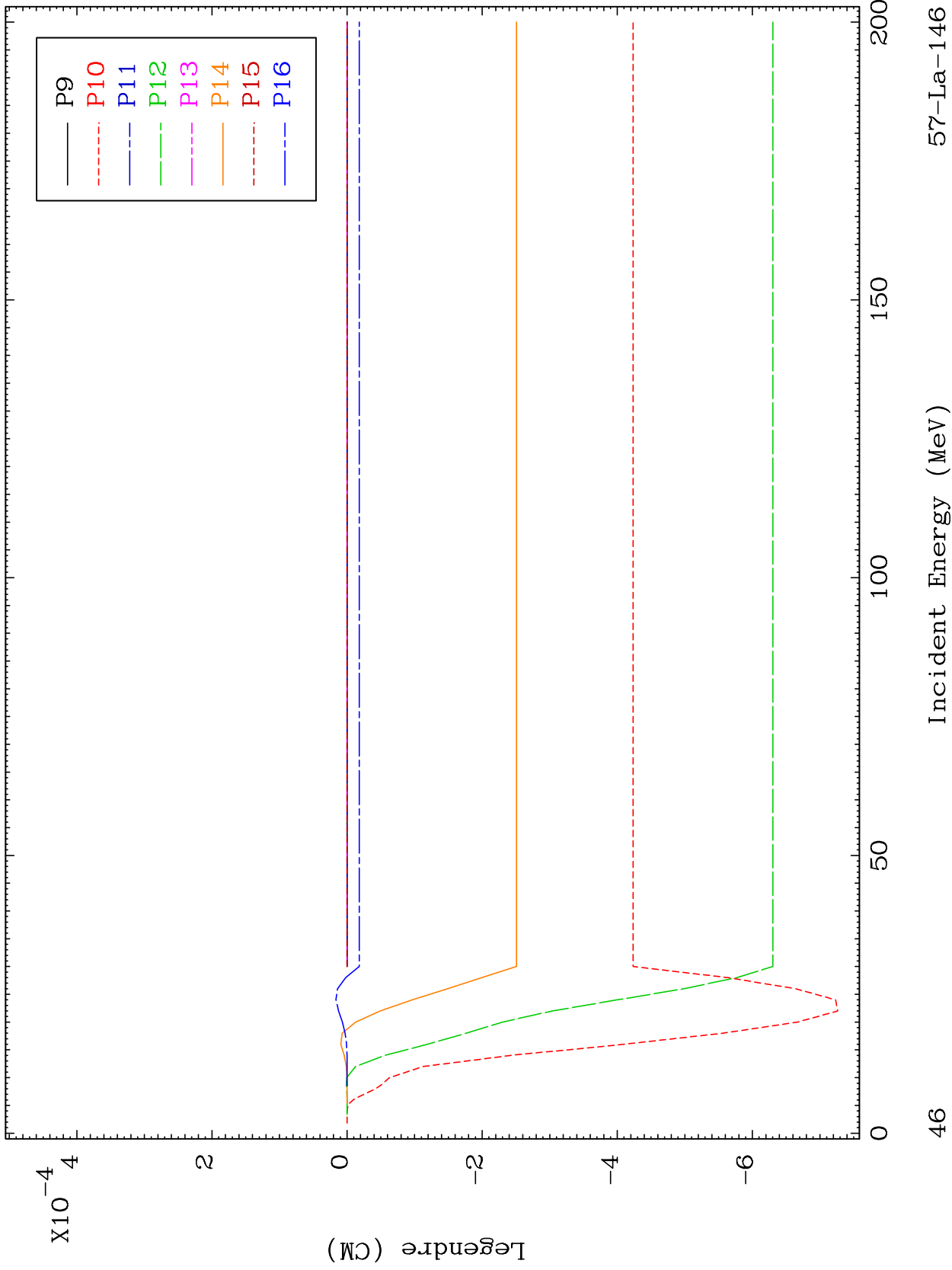




MAT 5749

372.4 keV (n,n') Level
Legendre Coefficients

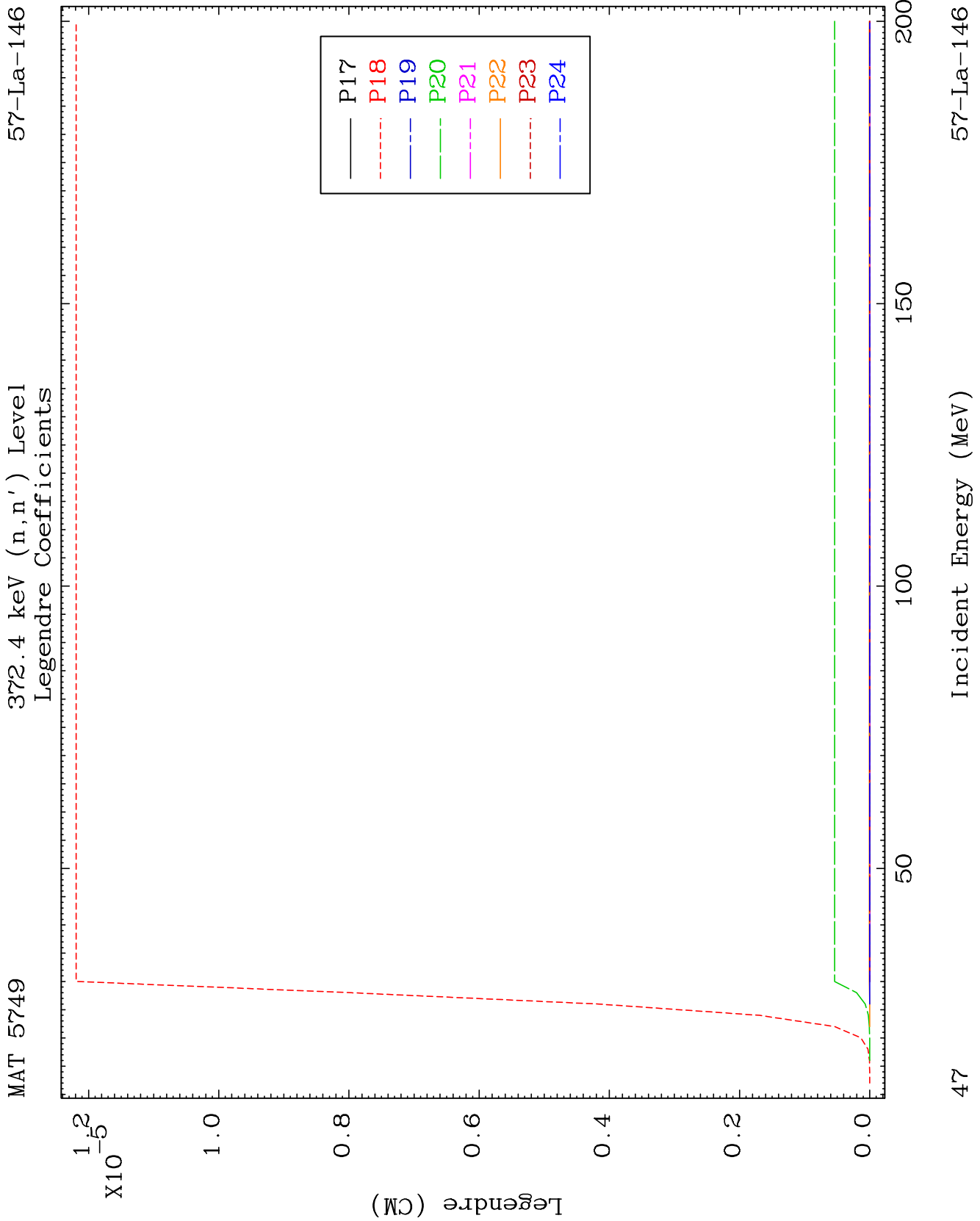
57-La-146



46

Incident Energy (MeV)

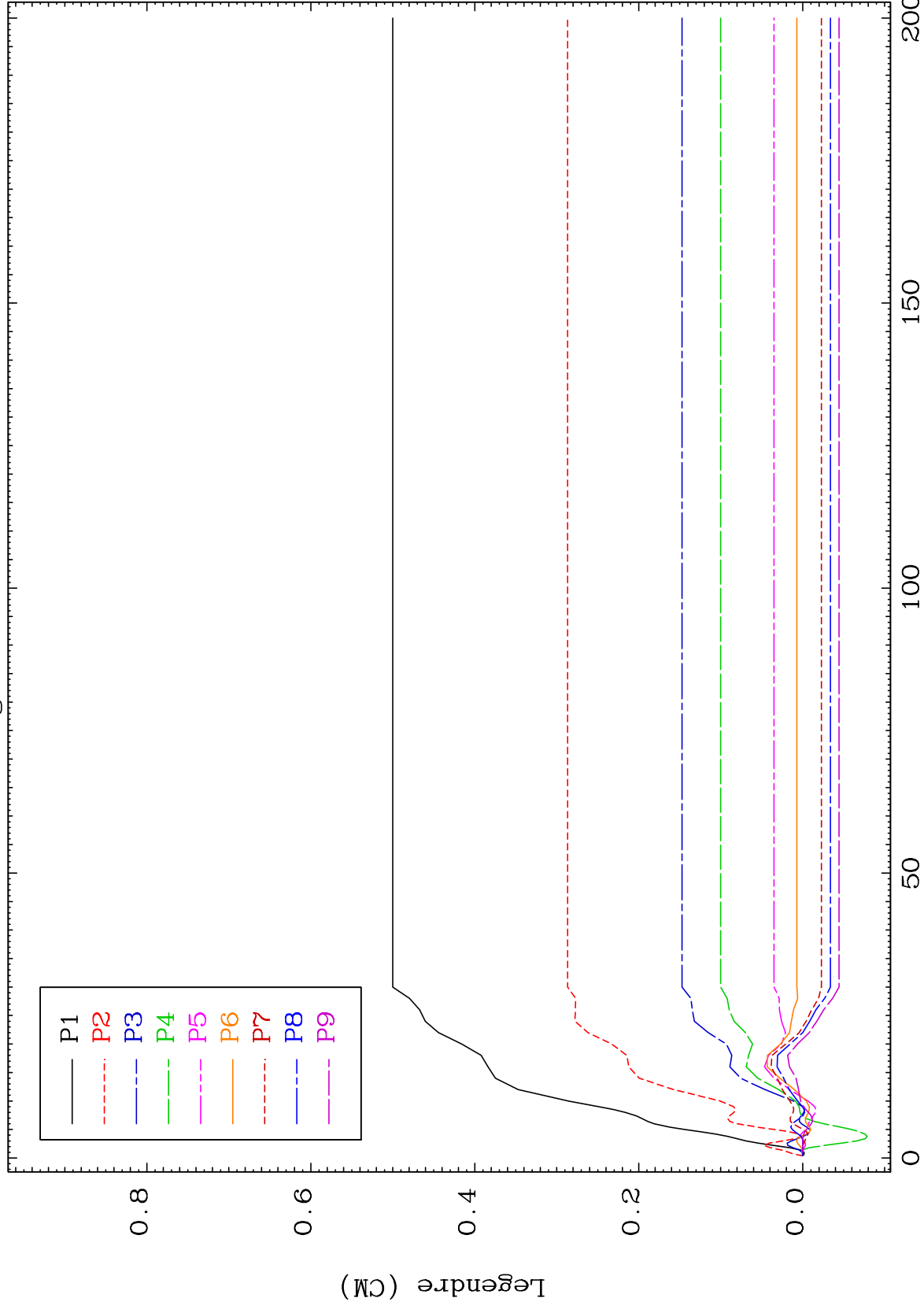
57-La-146



MAT 5749

392.5 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

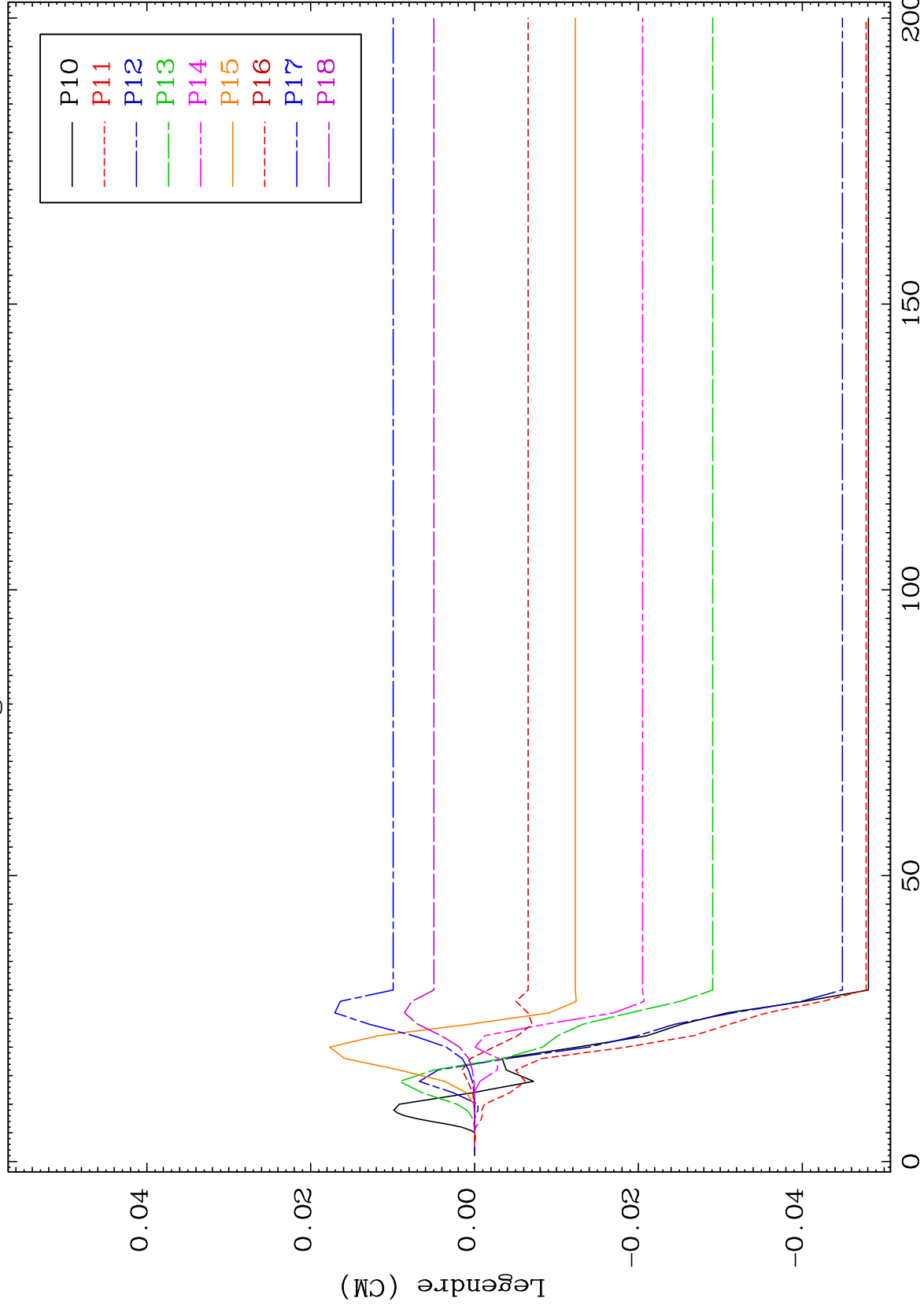
Incident Energy (MeV)

48

MAT 5749

392.5 keV (n,n') Level
Legendre Coefficients

57-La-146



49

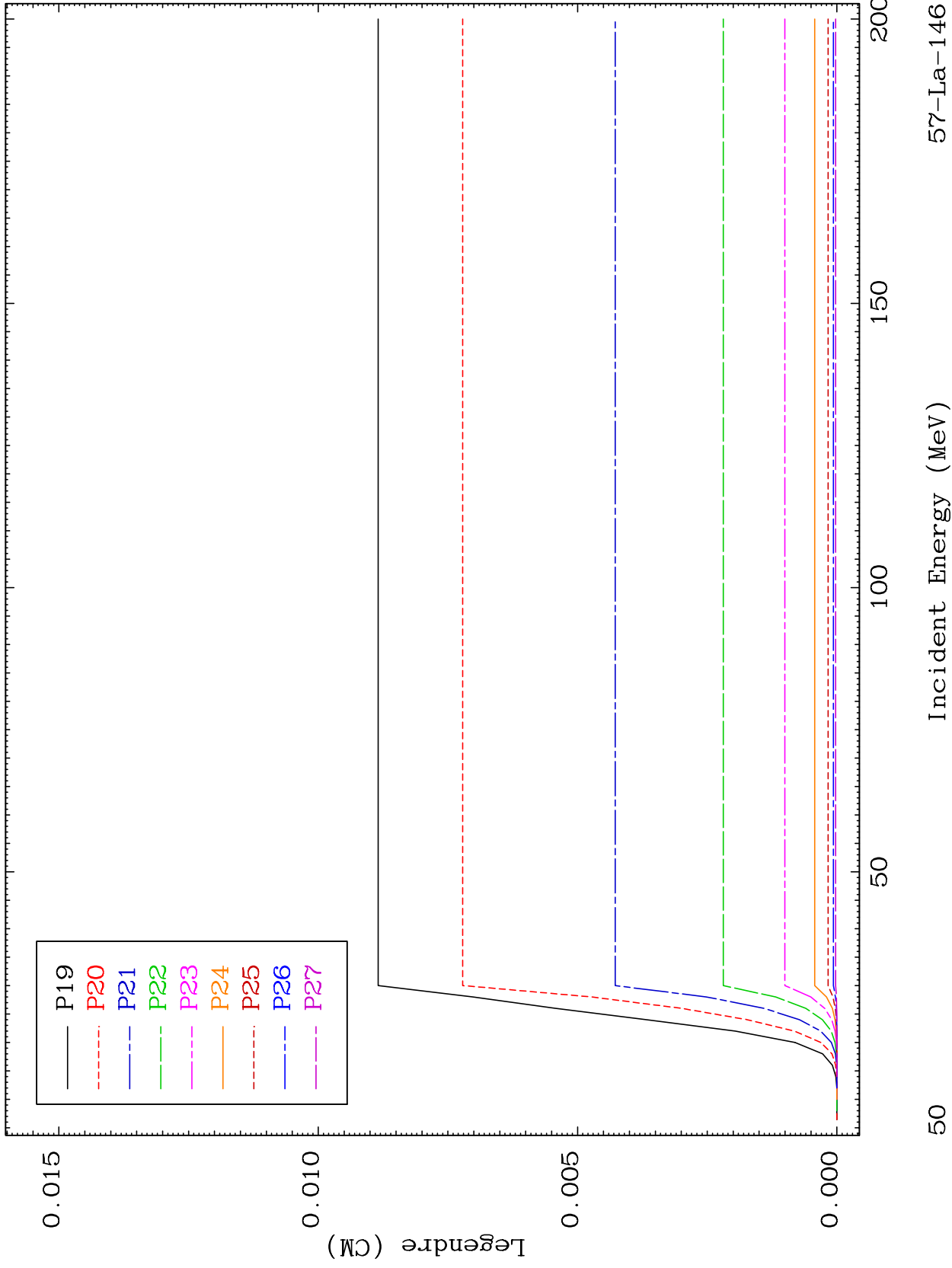
Incident Energy (MeV)

57-La-146

MAT 5749

392.5 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

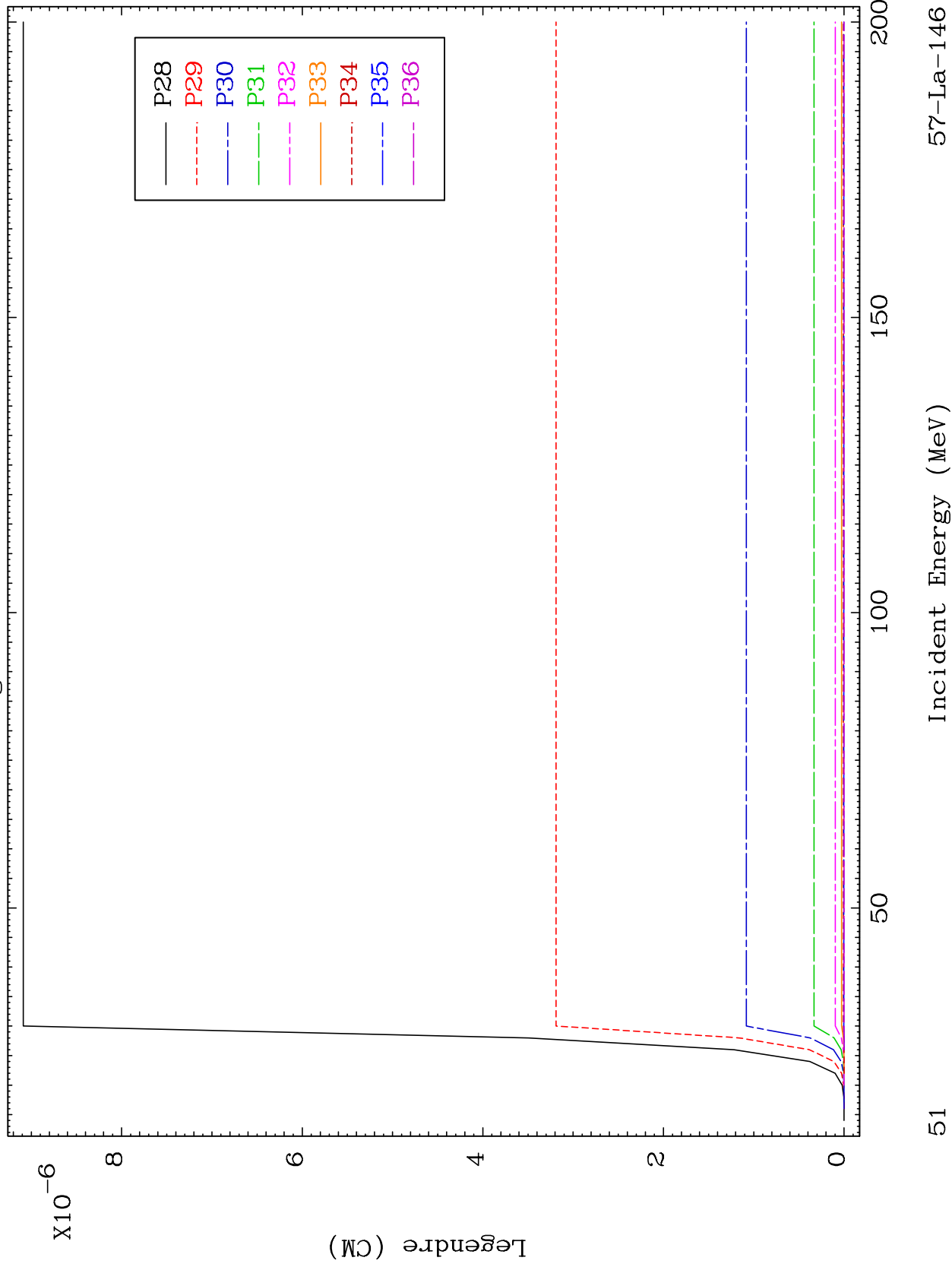
Incident Energy (MeV)

50

MAT 5749

392.5 keV (n,n') Level
Legendre Coefficients

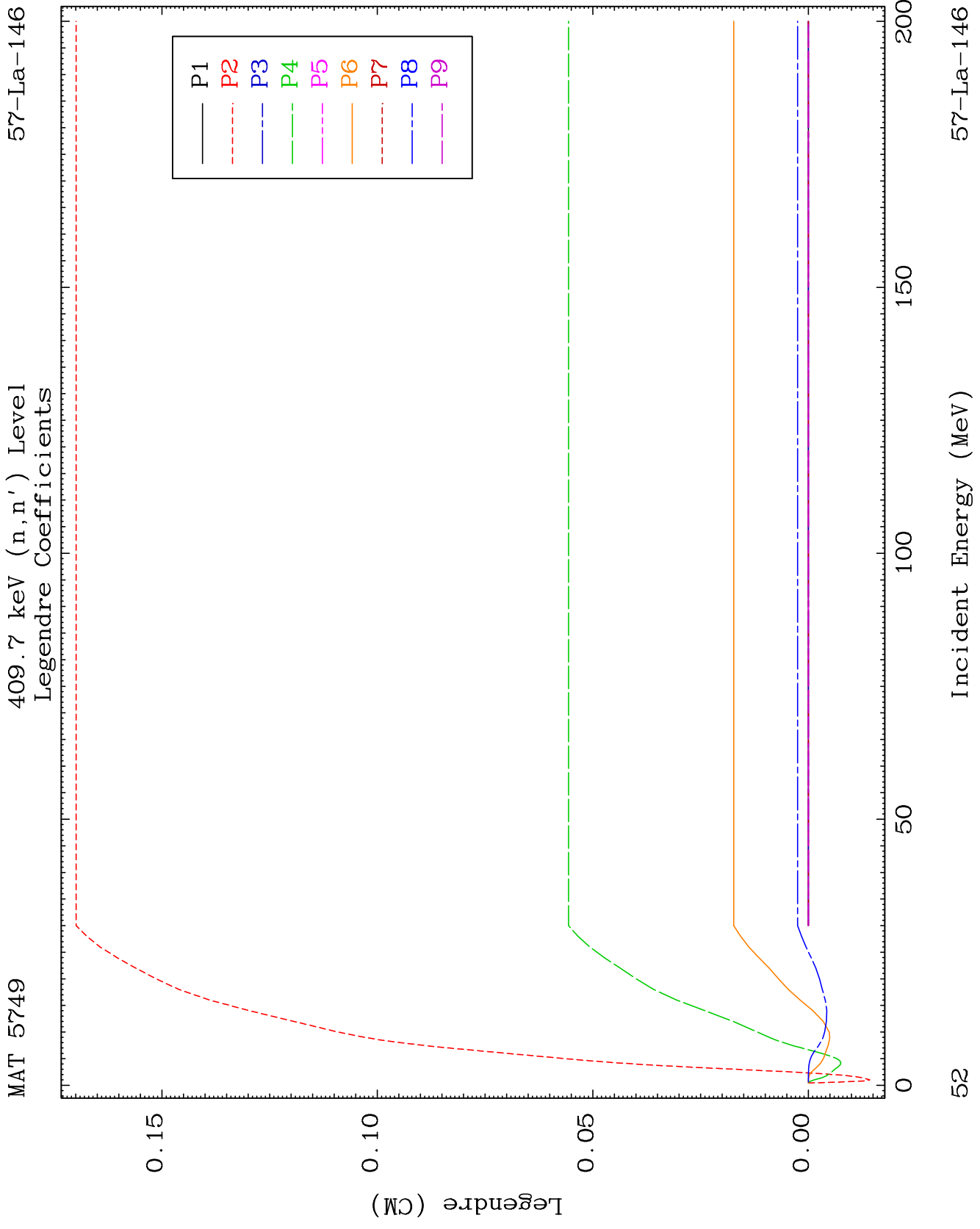
57-La-146

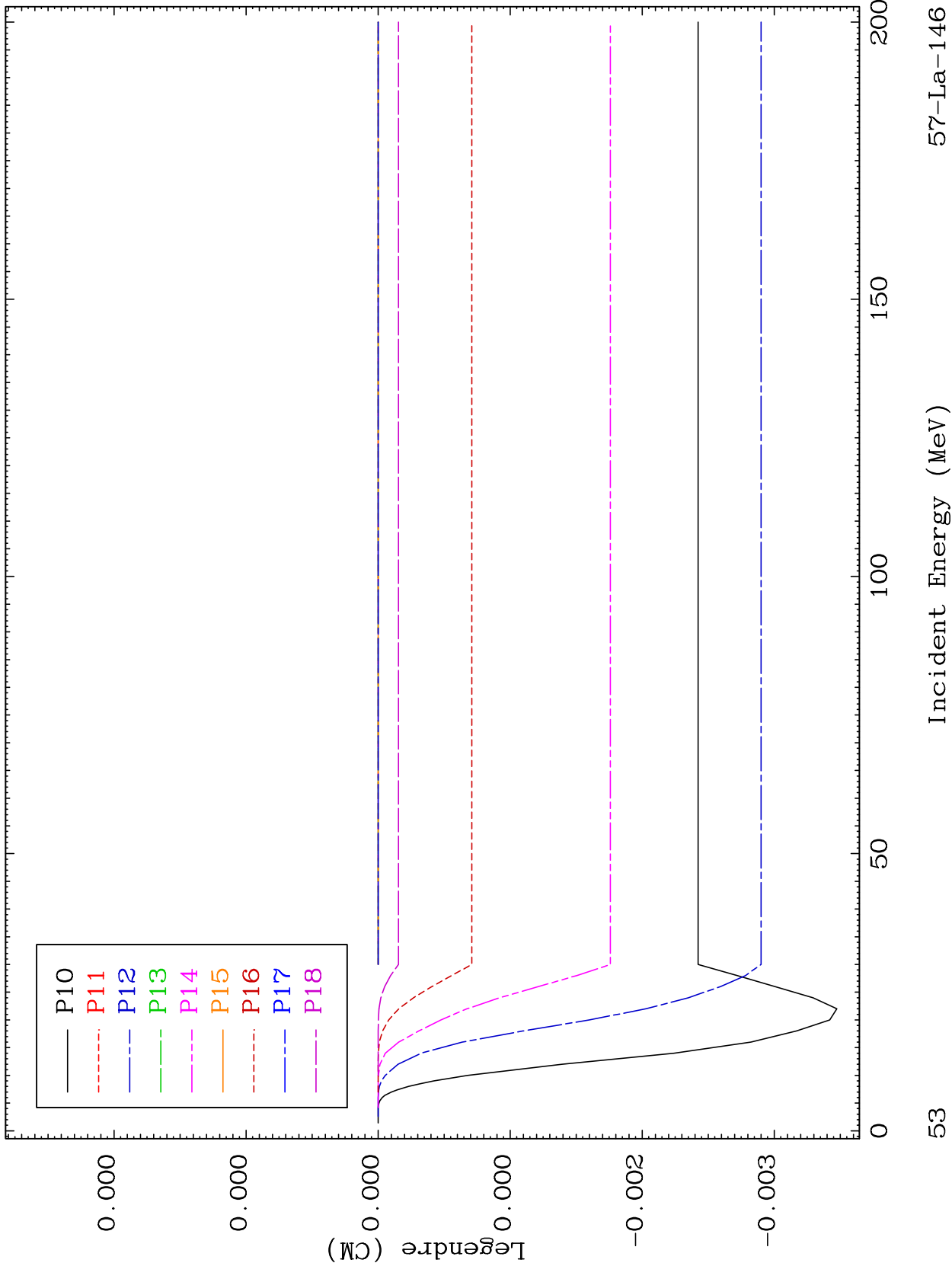


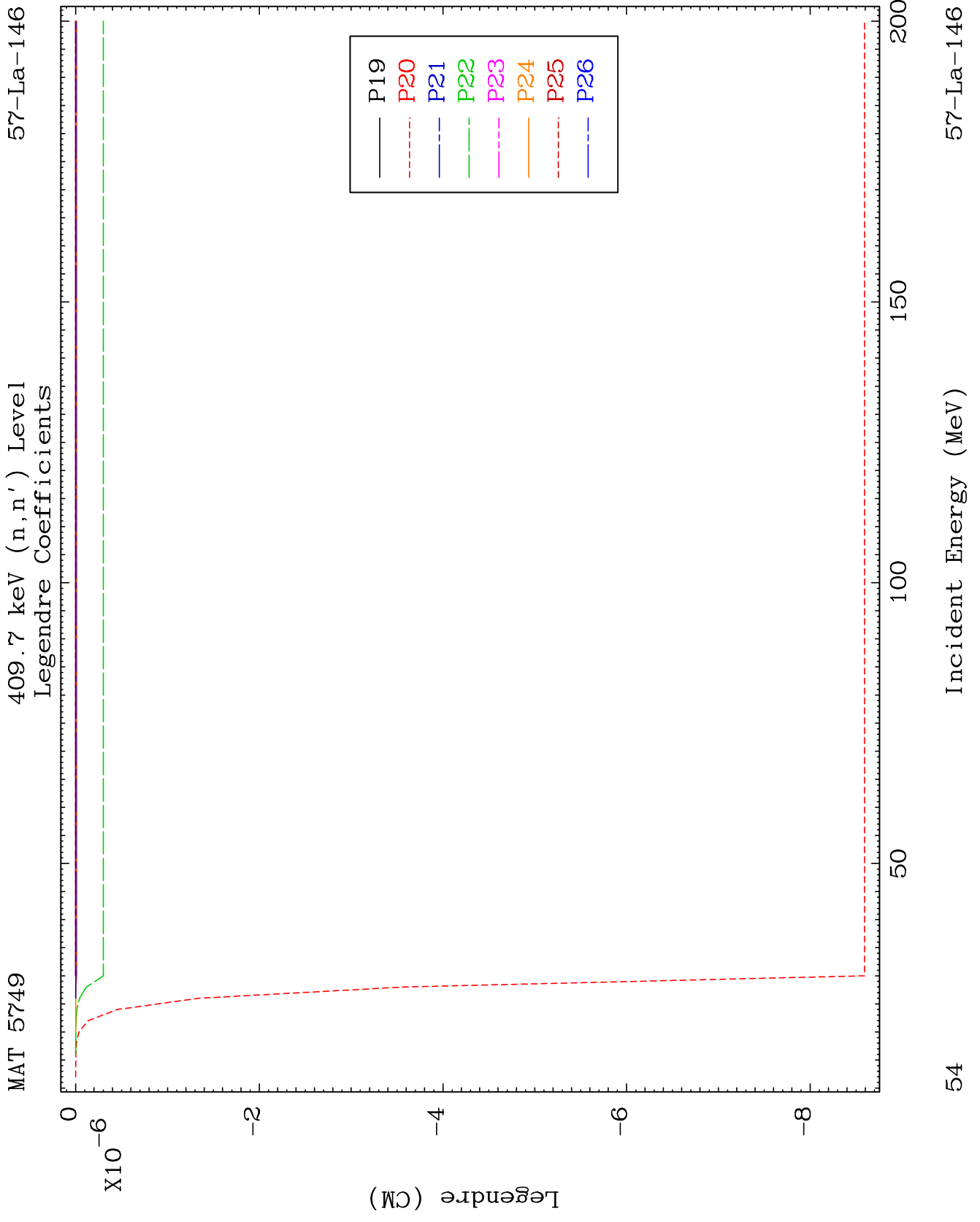
51

Incident Energy (MeV)

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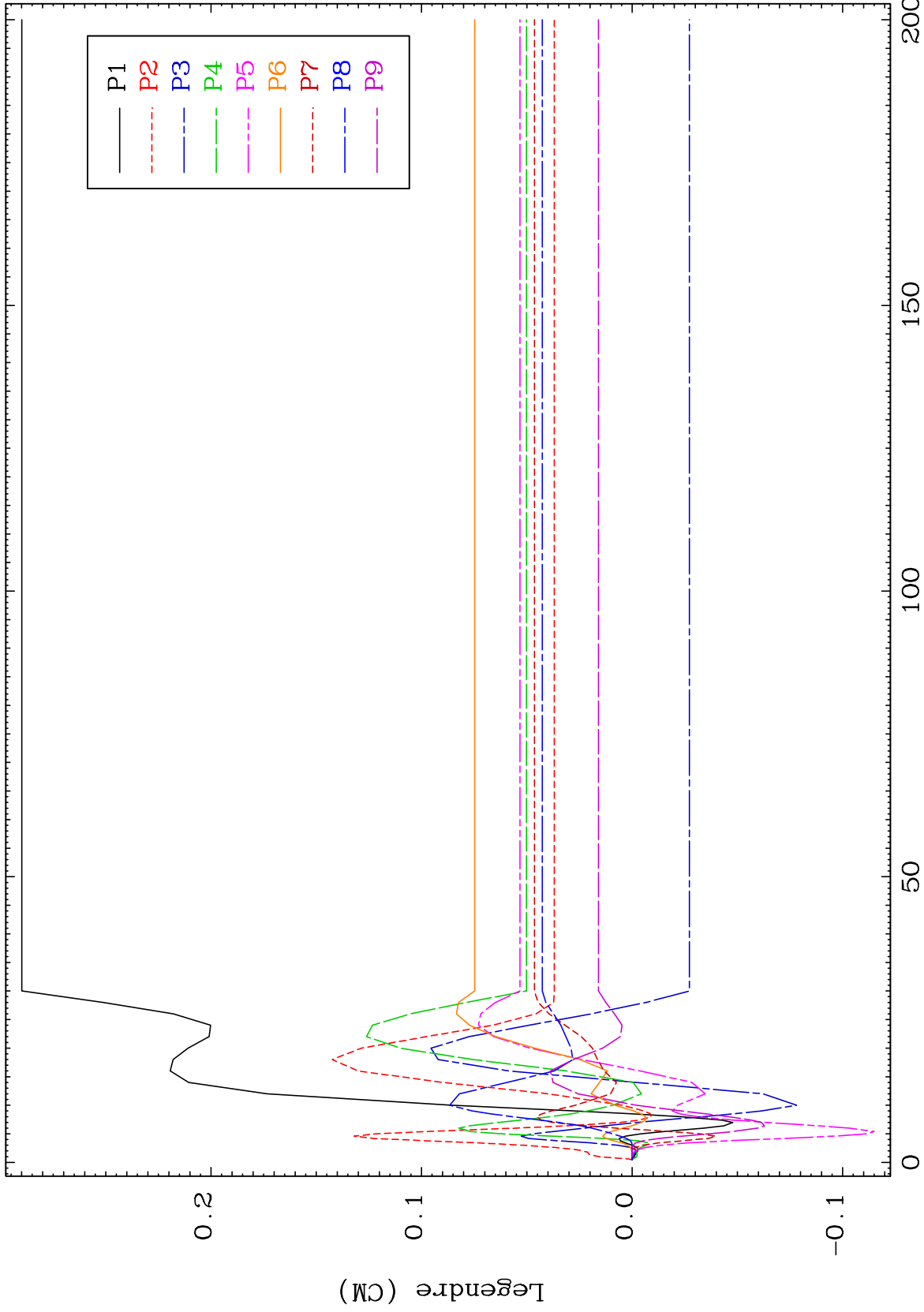




MAT 5749

417.6 keV (n,n') Level
Legendre Coefficients

57-La-146



55

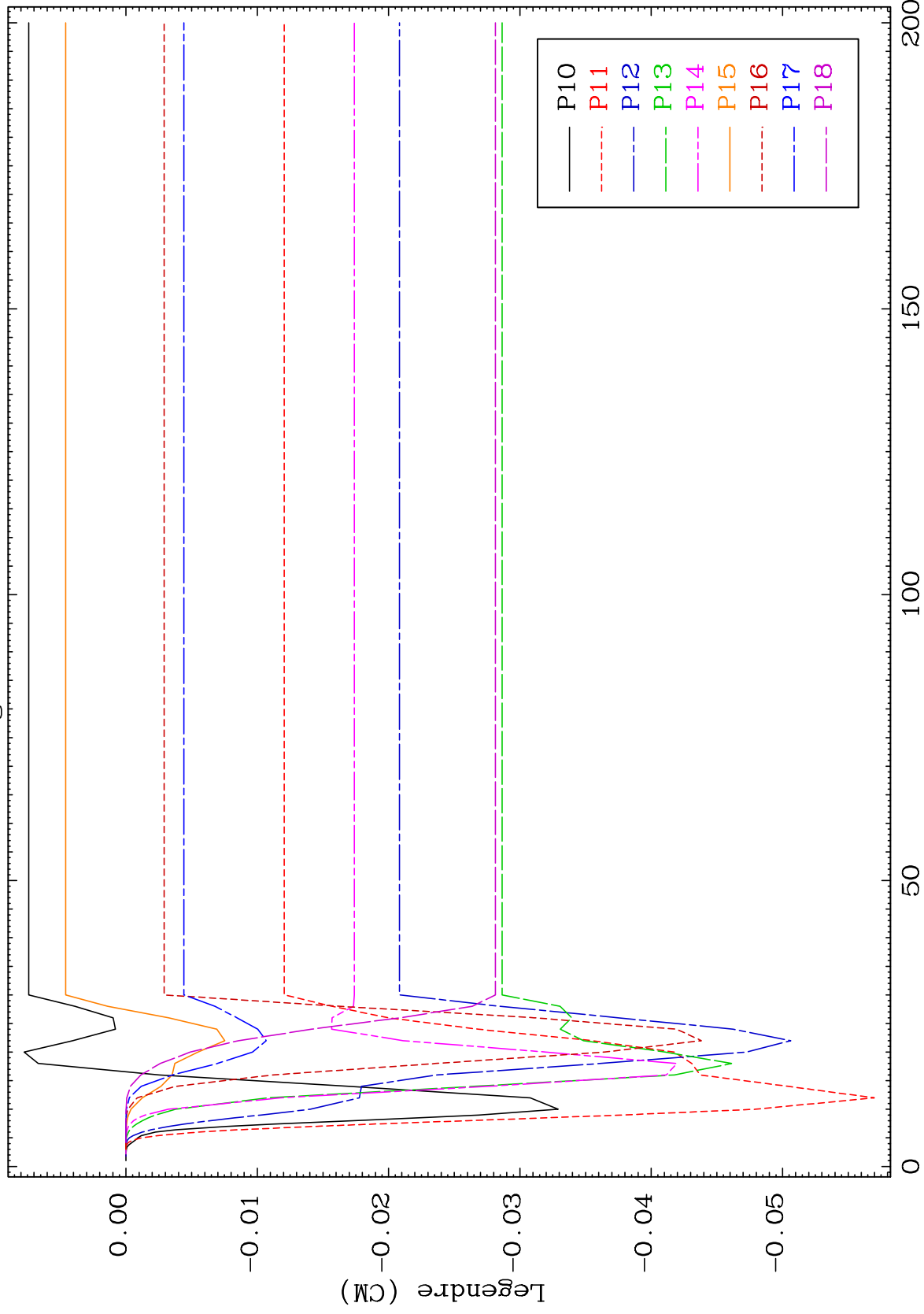
Incident Energy (MeV)

57-La-146

MAT 5749

417.6 keV (n,n') Level
Legendre Coefficients

57-La-146



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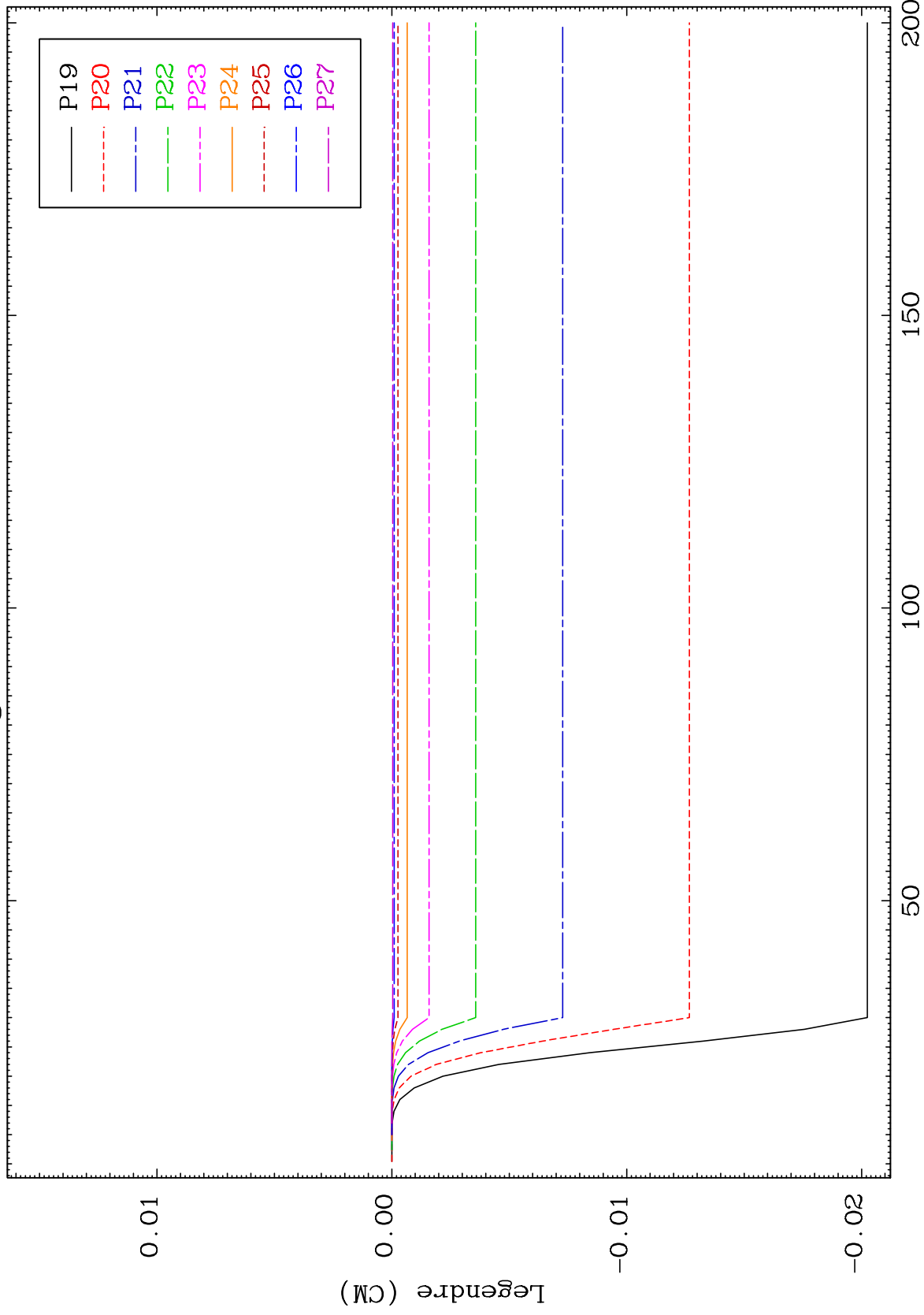
Incident Energy (MeV)

57-La-146

MAT 5749

417.6 keV (n,n') Level
Legendre Coefficients

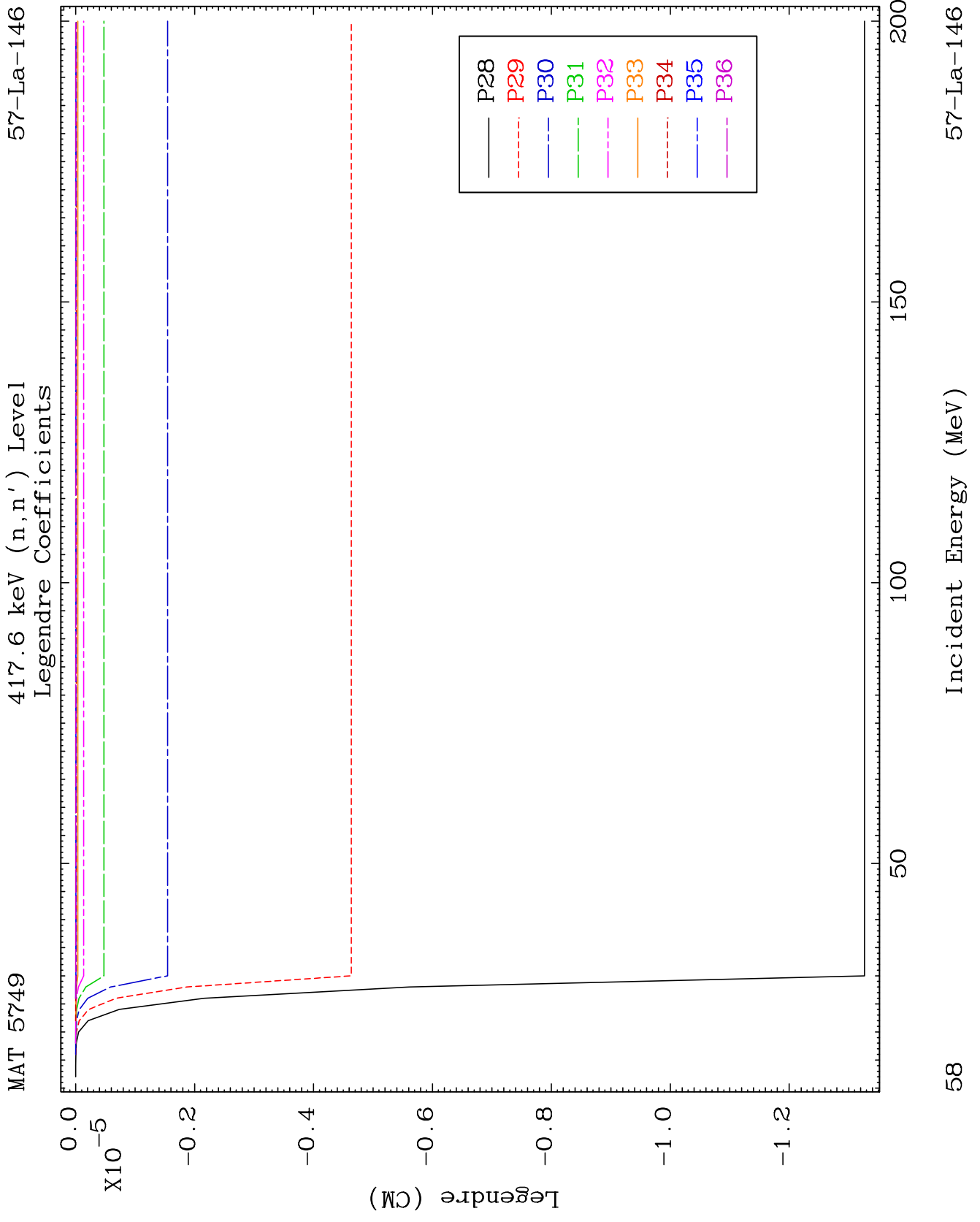
57-La-146

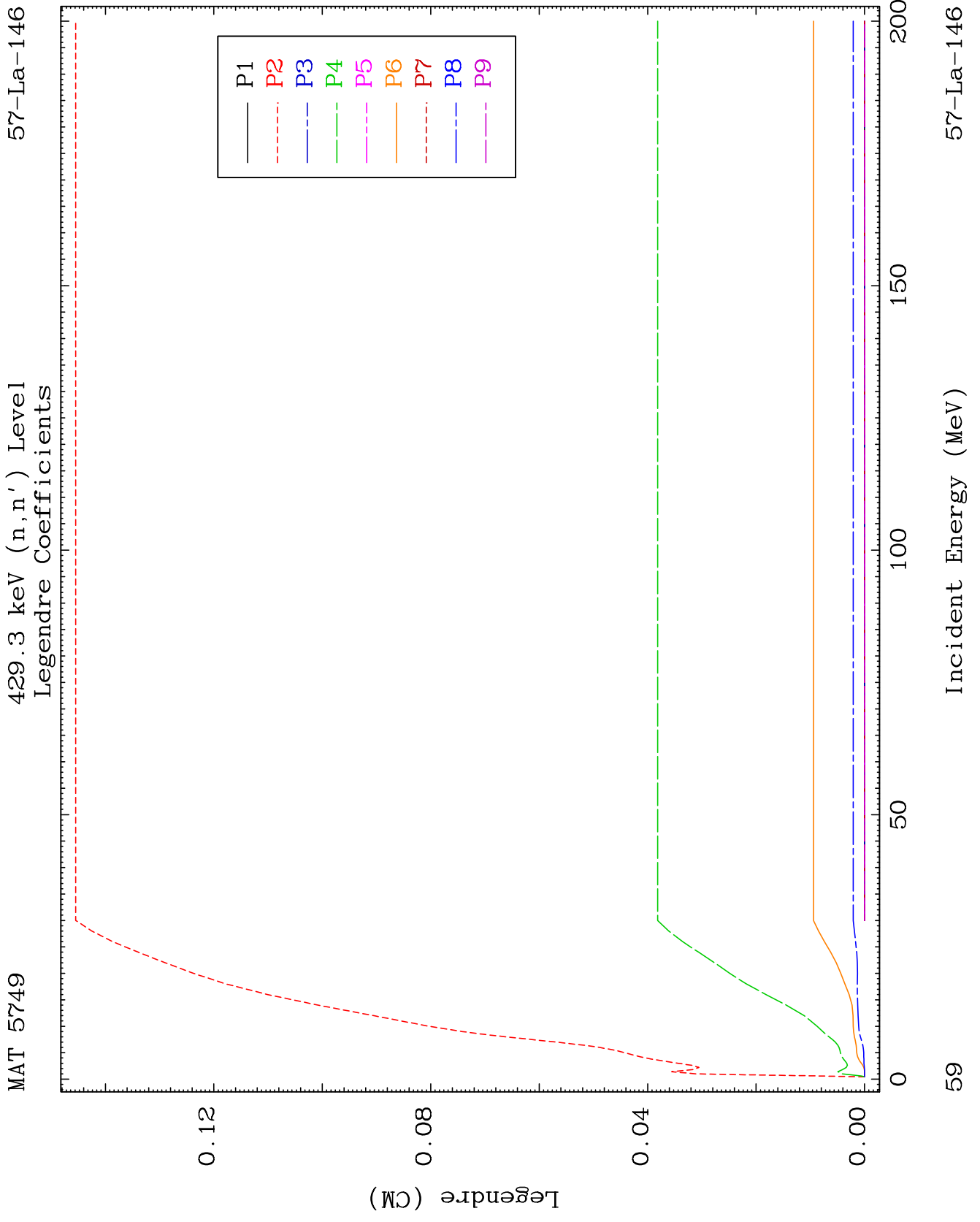


57

Incident Energy (MeV)

57-La-146

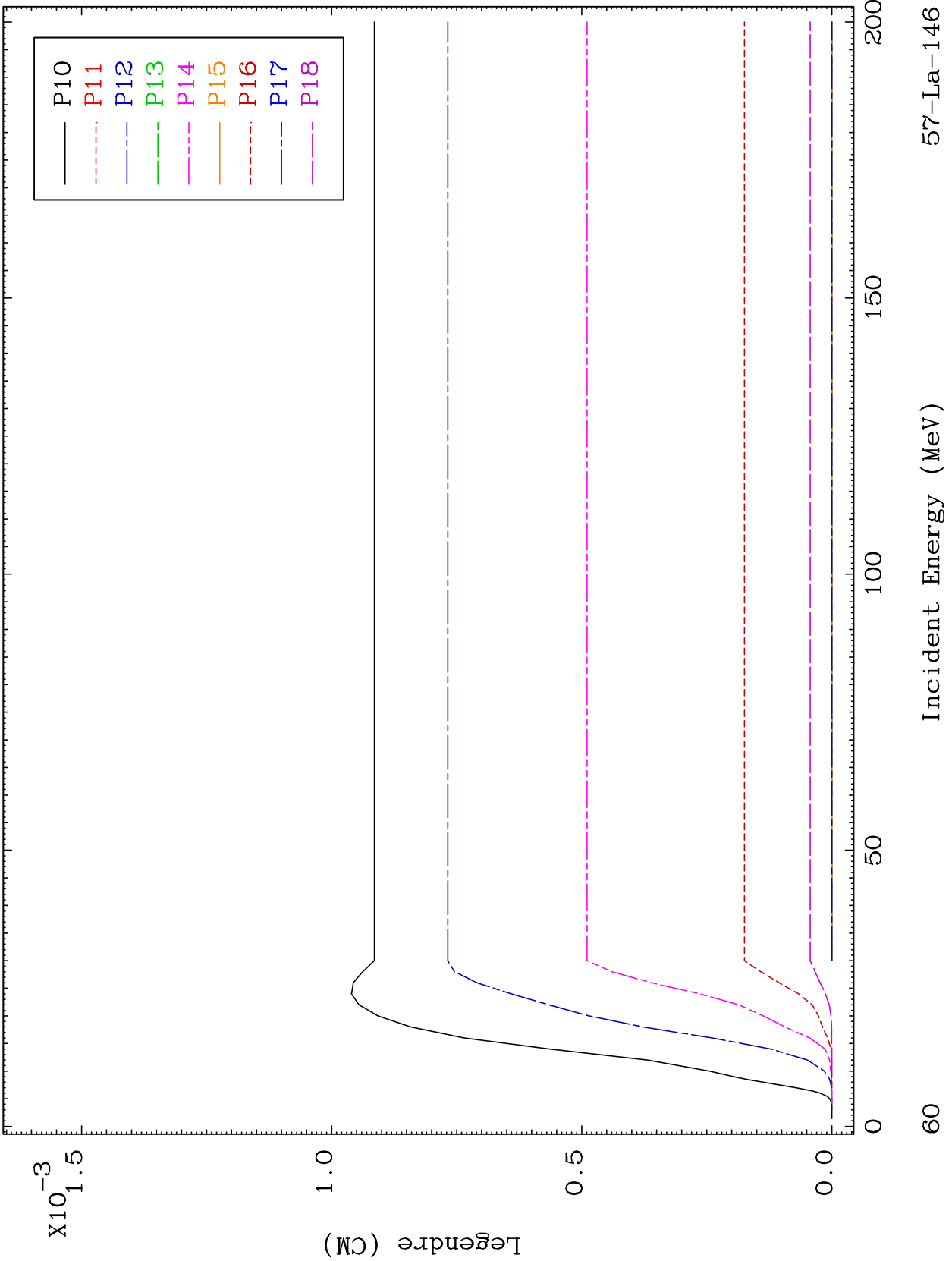




MAT 5749

429.3 keV (n,n') Level
Legendre Coefficients

57-La-146

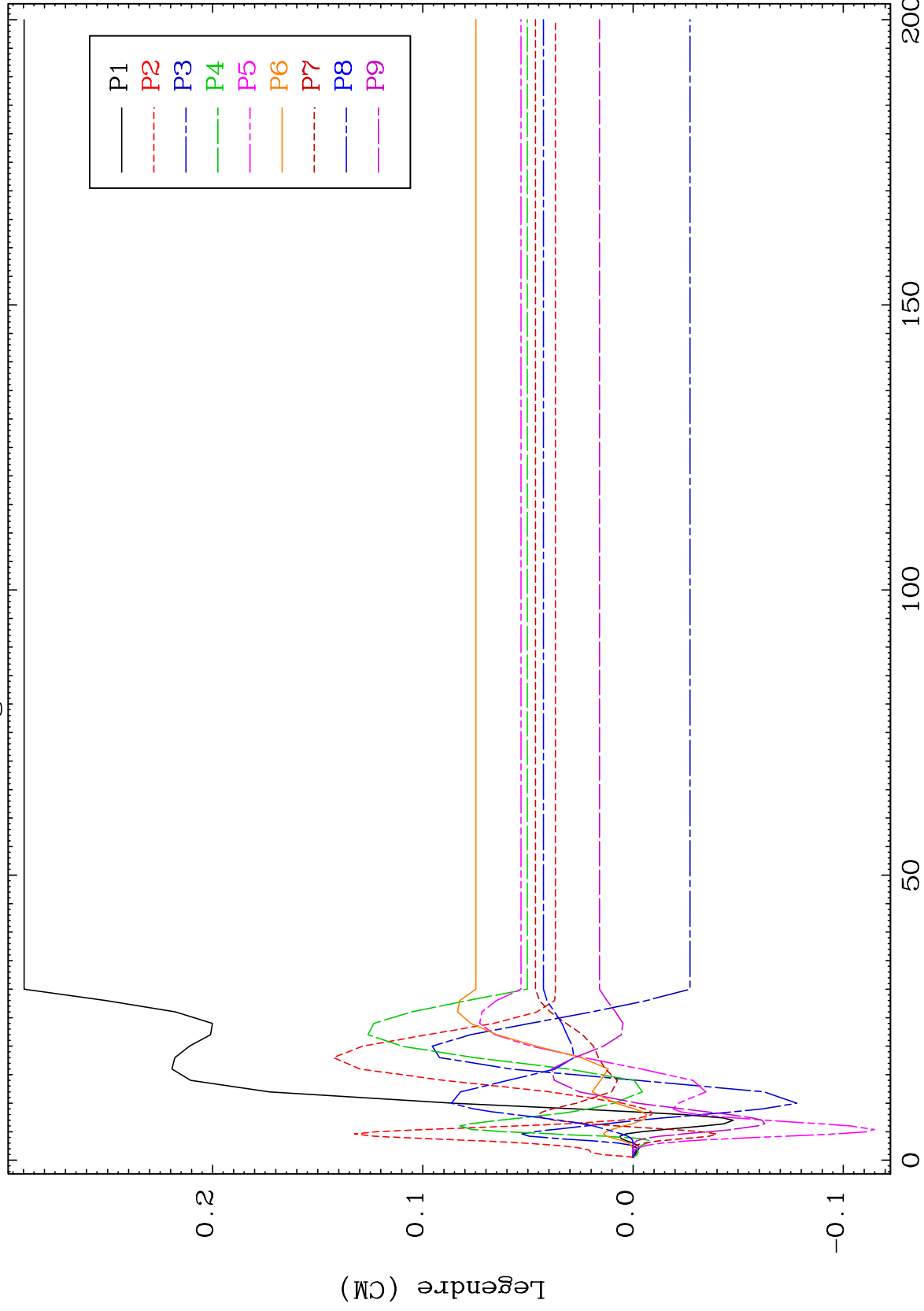


57-La-146

MAT 5749

438.9 keV (n,n') Level
Legendre Coefficients

57-La-146



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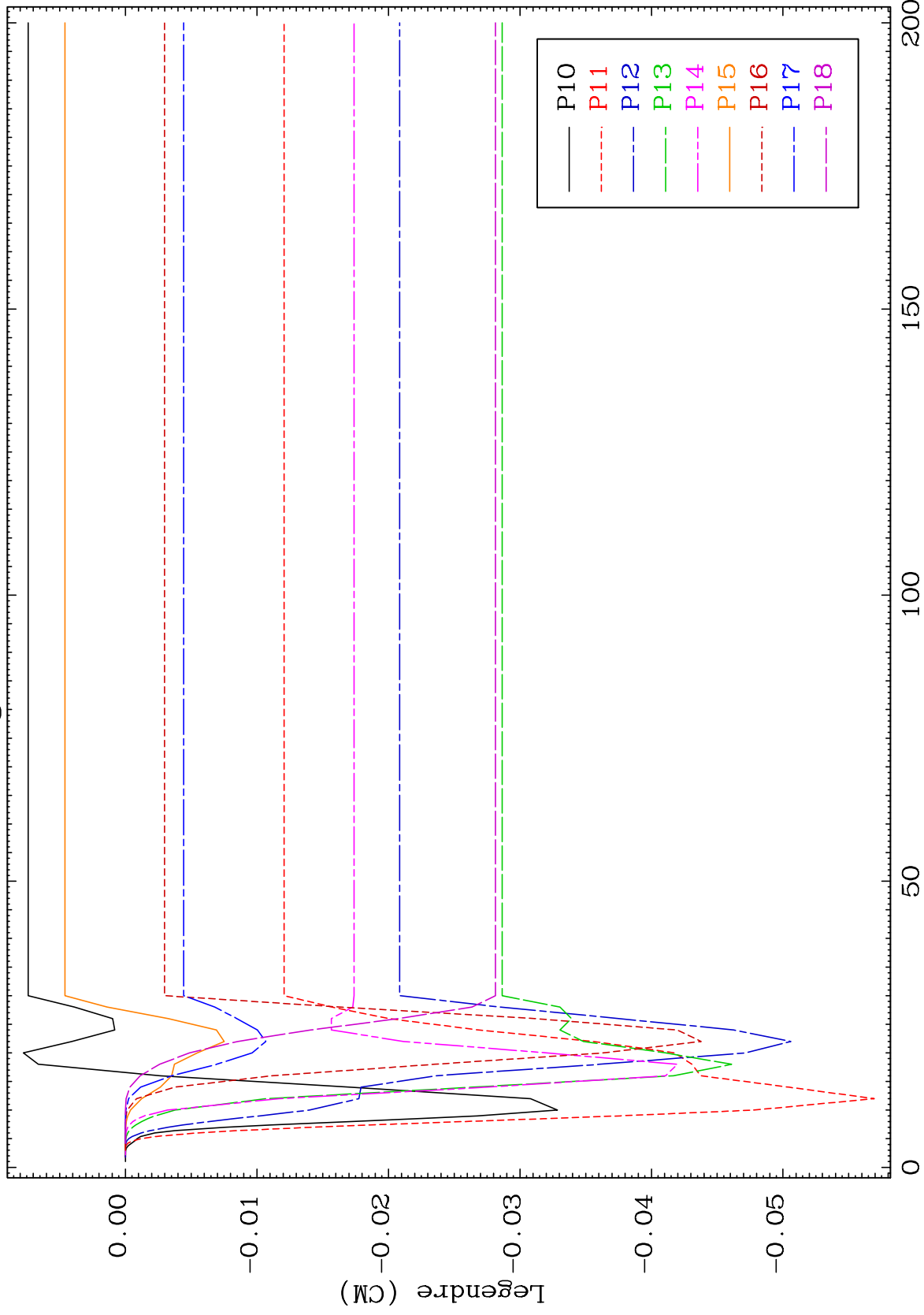
Incident Energy (MeV)

57-La-146

MAT 5749

438.9 keV (n,n') Level
Legendre Coefficients

57-La-146



63

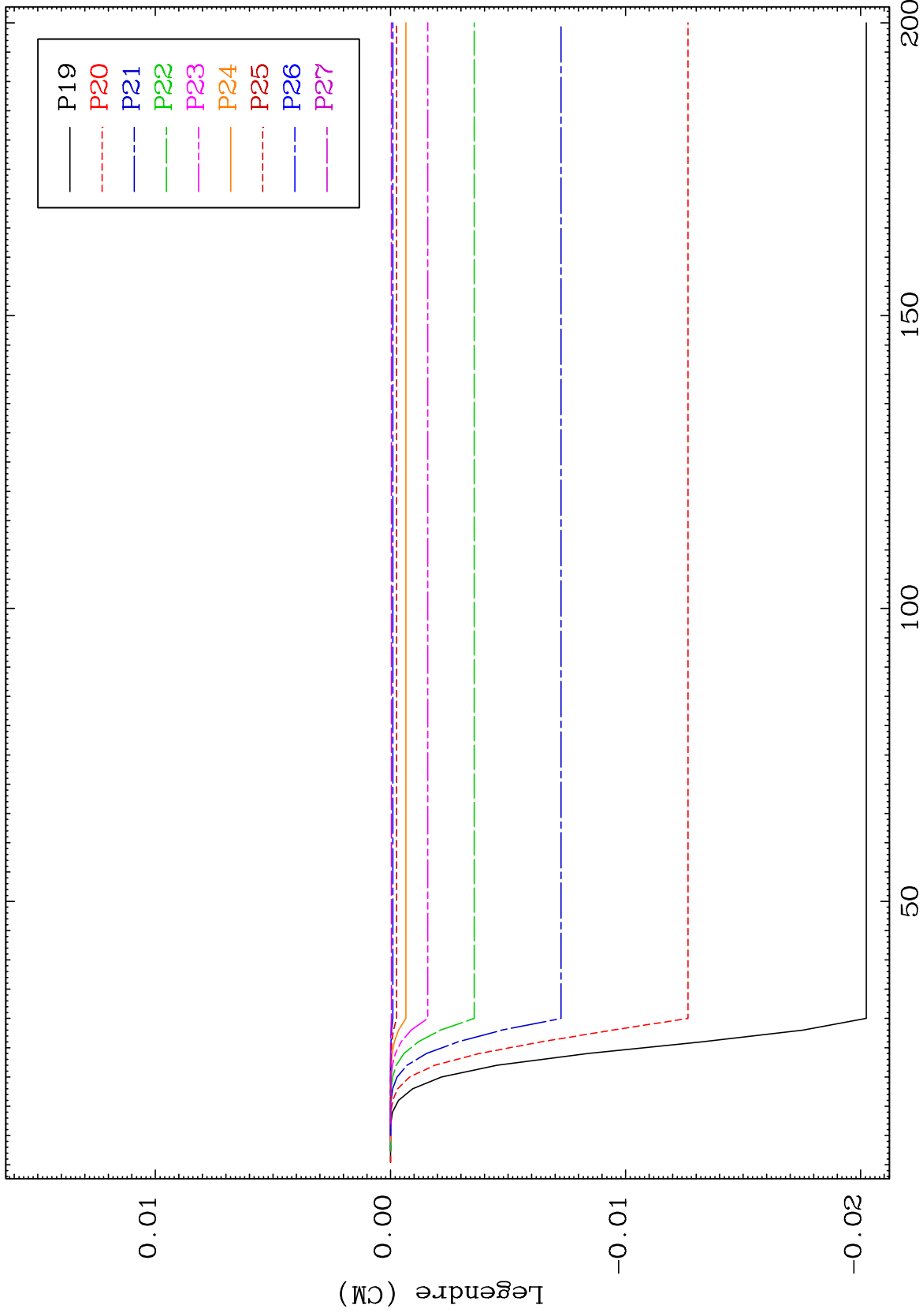
Incident Energy (MeV)

57-La-146

MAT 5749

438.9 keV (n,n') Level
Legendre Coefficients

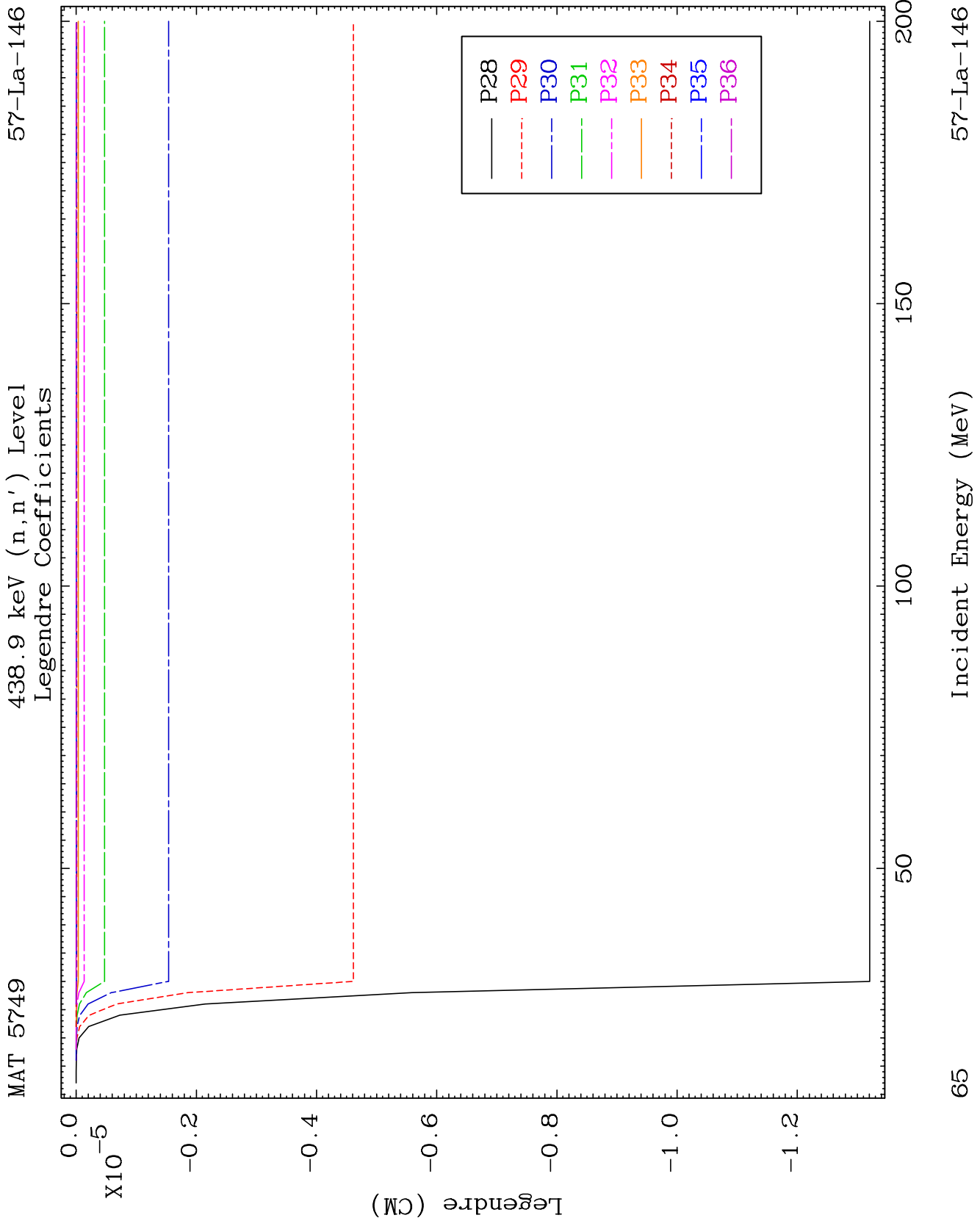
57-La-146



64

Incident Energy (MeV)

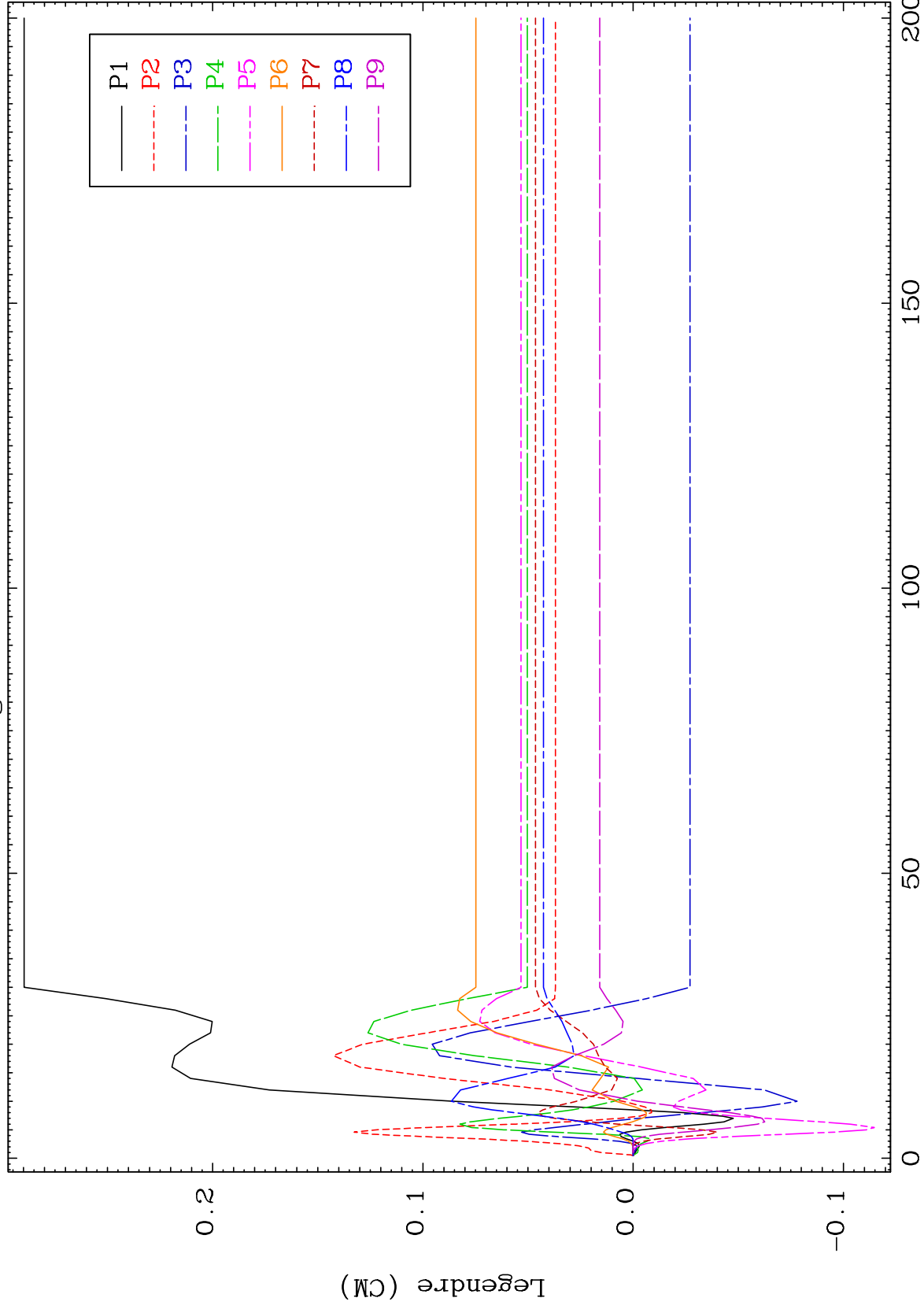
57-La-146



MAT 5749

443.4 keV (n,n') Level
Legendre Coefficients

57-La-146



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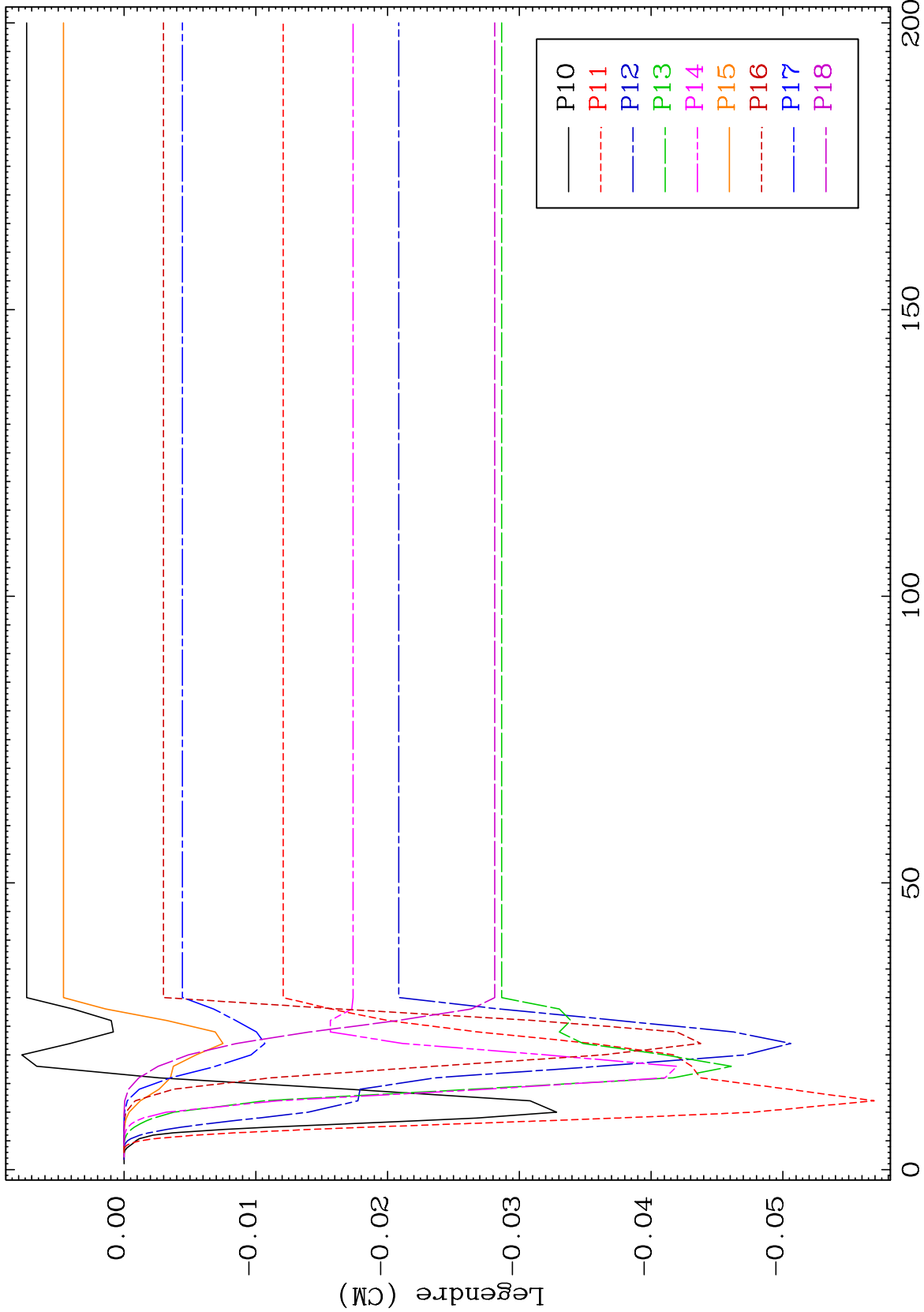
Incident Energy (MeV)

57-La-146

MAT 5749

443.4 keV (n, n') Level
Legendre Coefficients

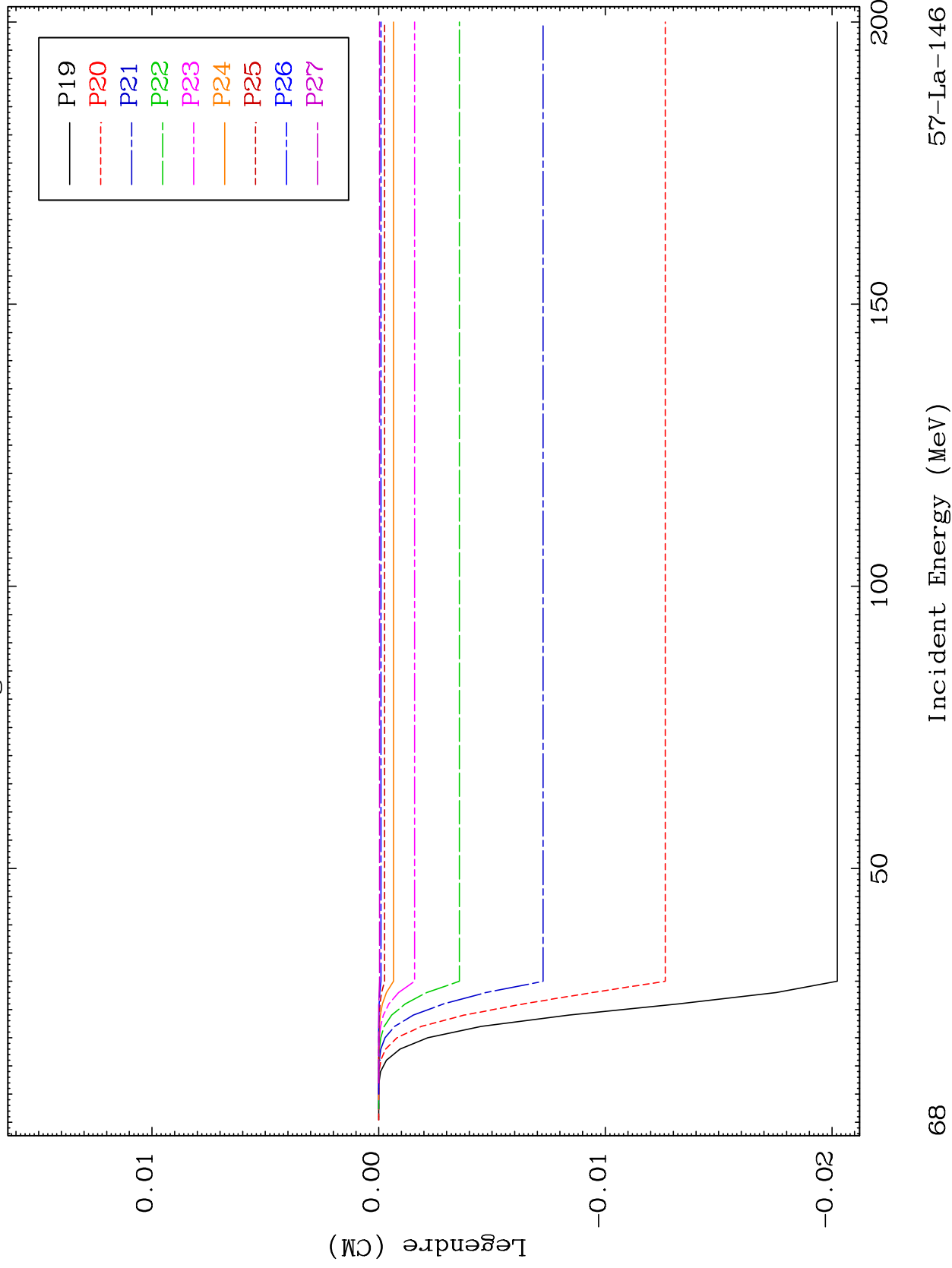
57-La-146

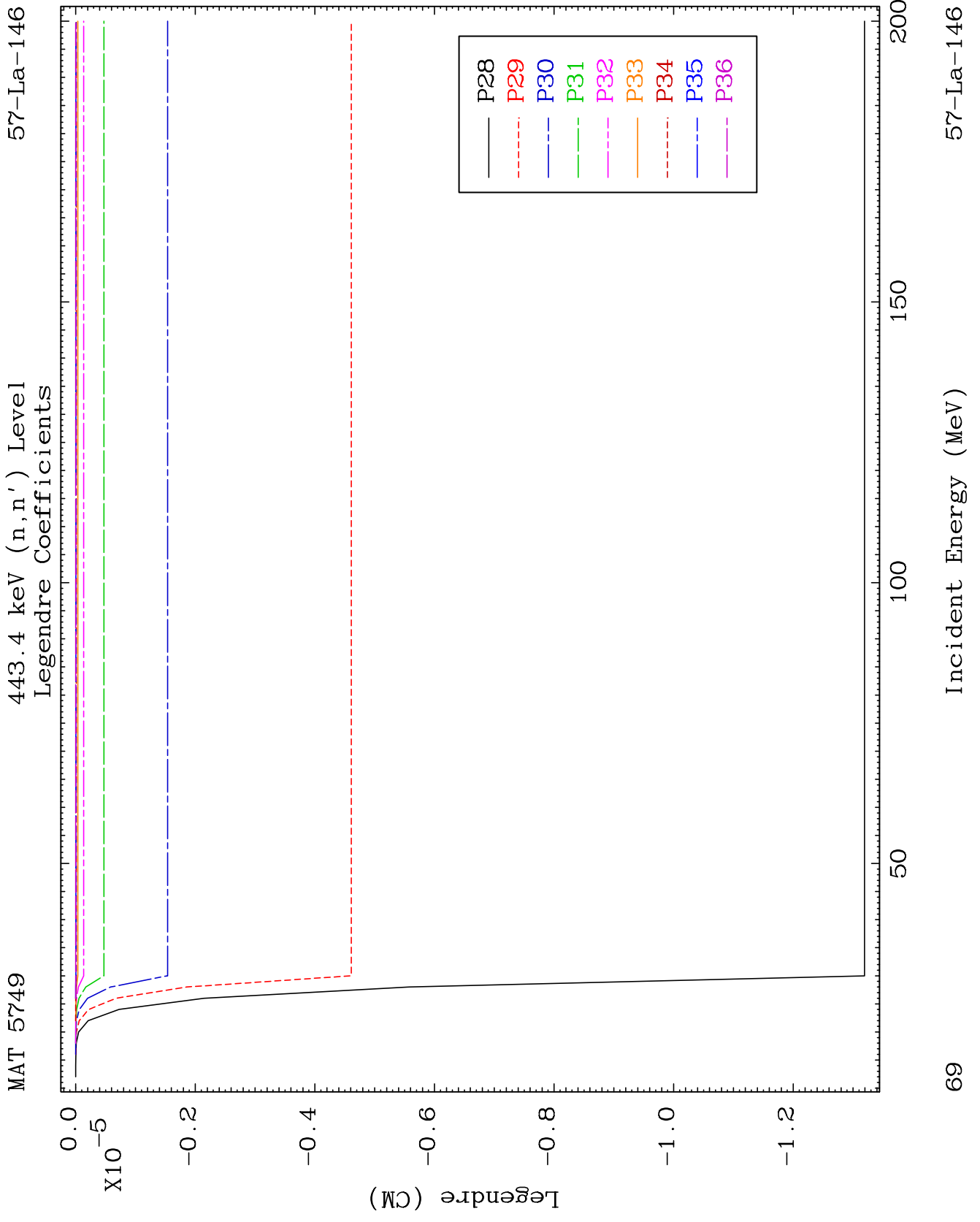


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Incident Energy (MeV)

57-La-146

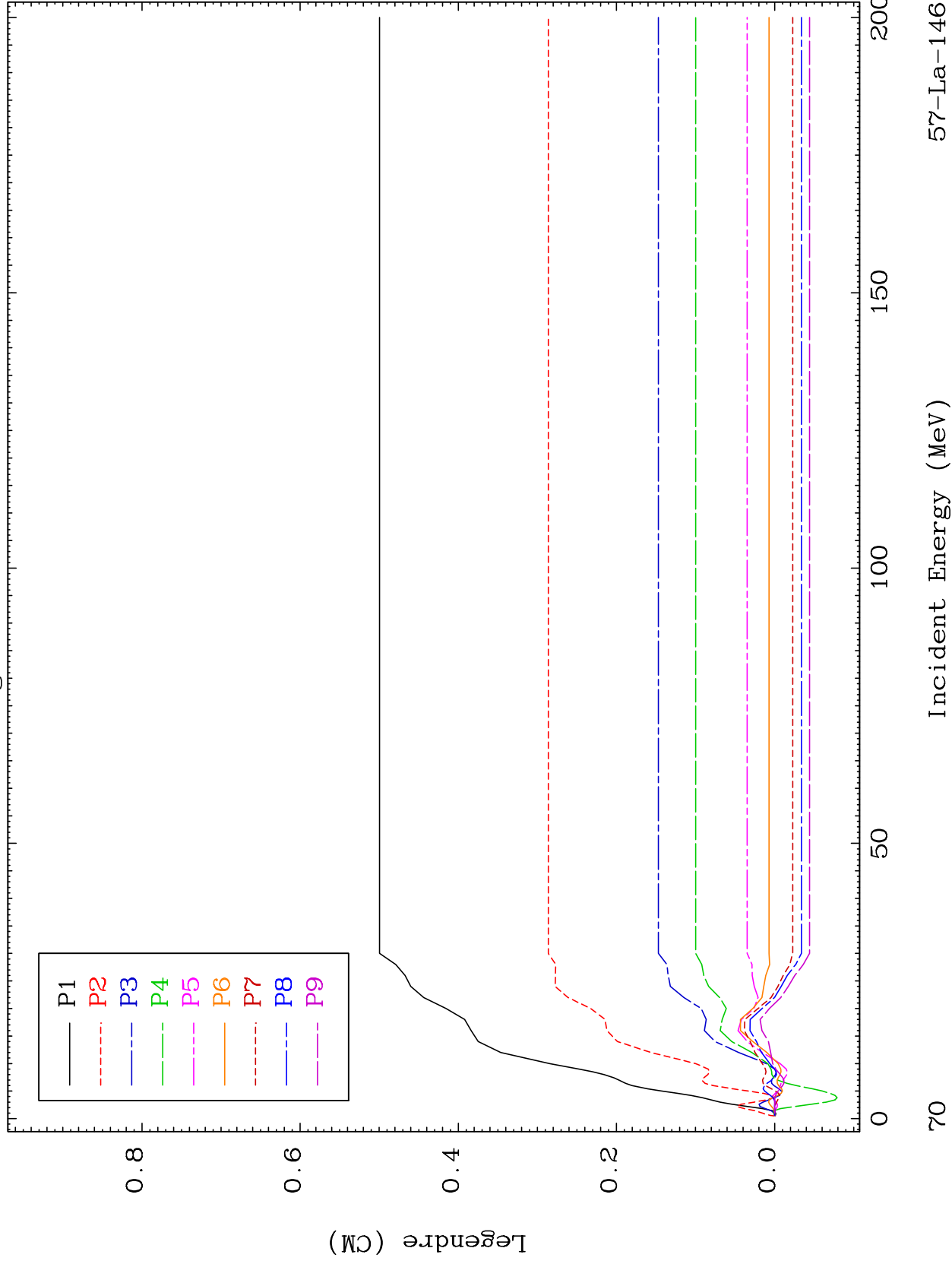




MAT 5749

466.6 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

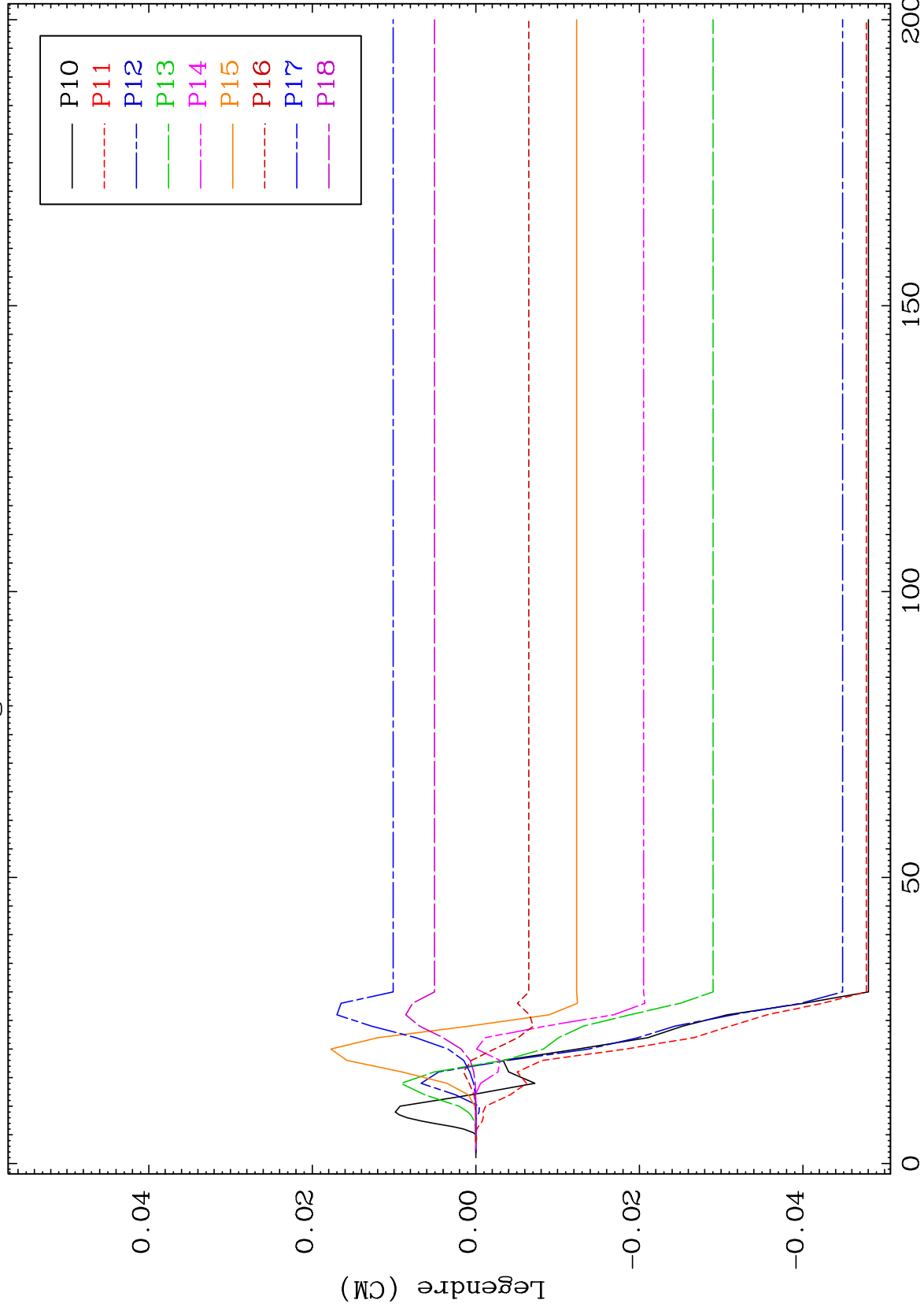
Incident Energy (MeV)

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MAT 5749

466.6 keV (n,n') Level
Legendre Coefficients

57-La-146



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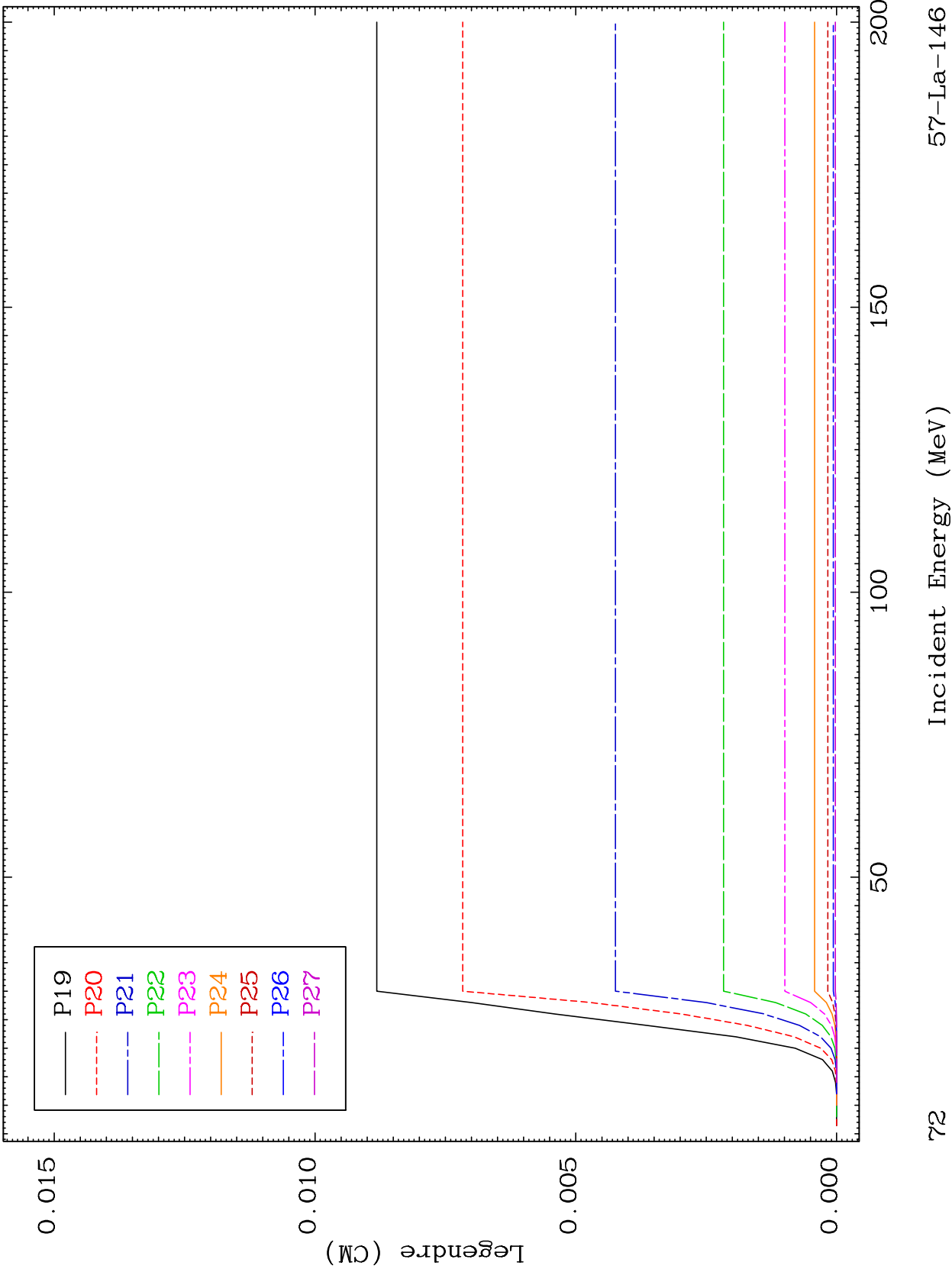
Incident Energy (MeV)

57-La-146

MAT 5749

466.6 keV (n,n') Level
Legendre Coefficients

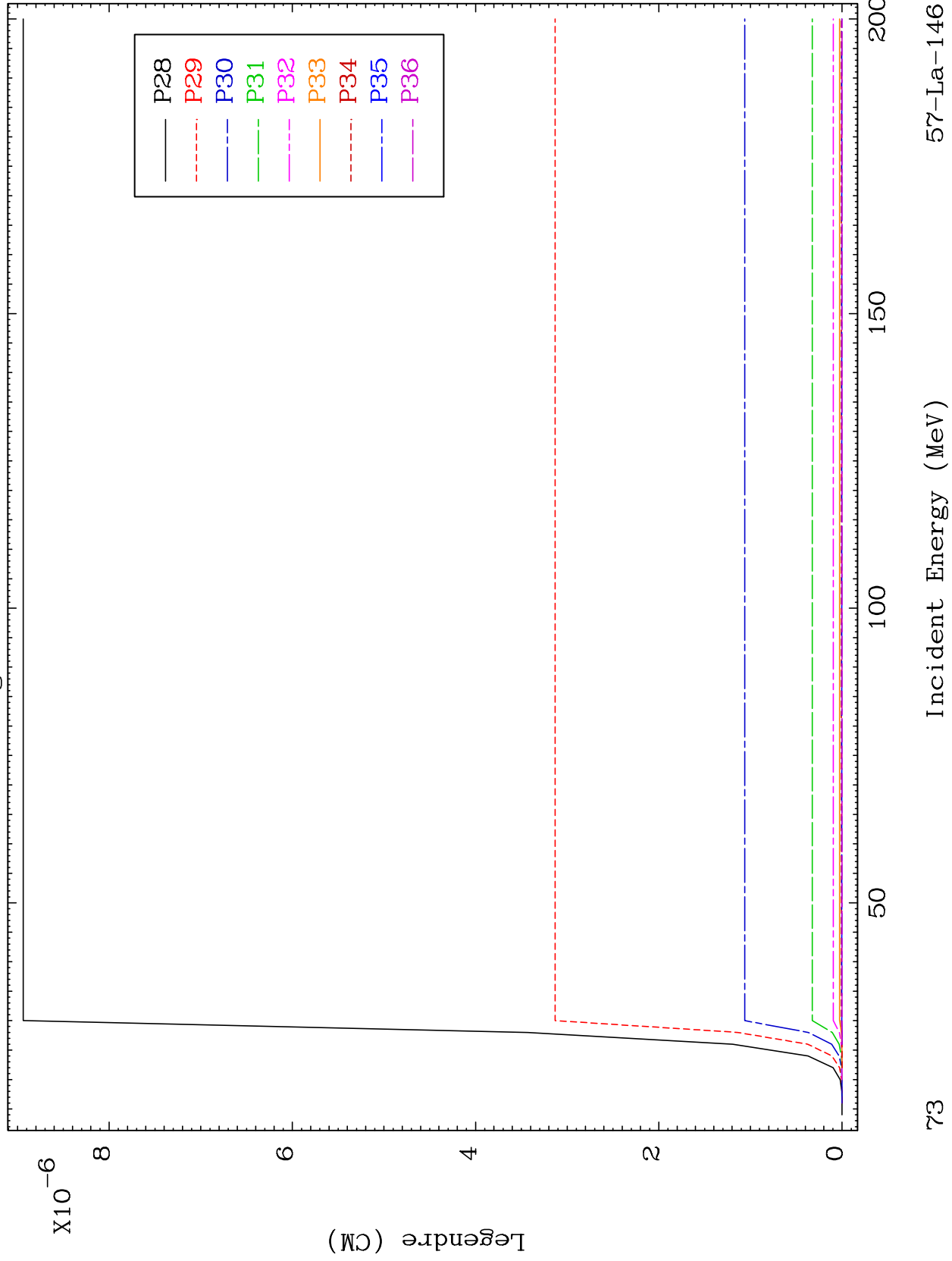
57-La-146



MAT 5749

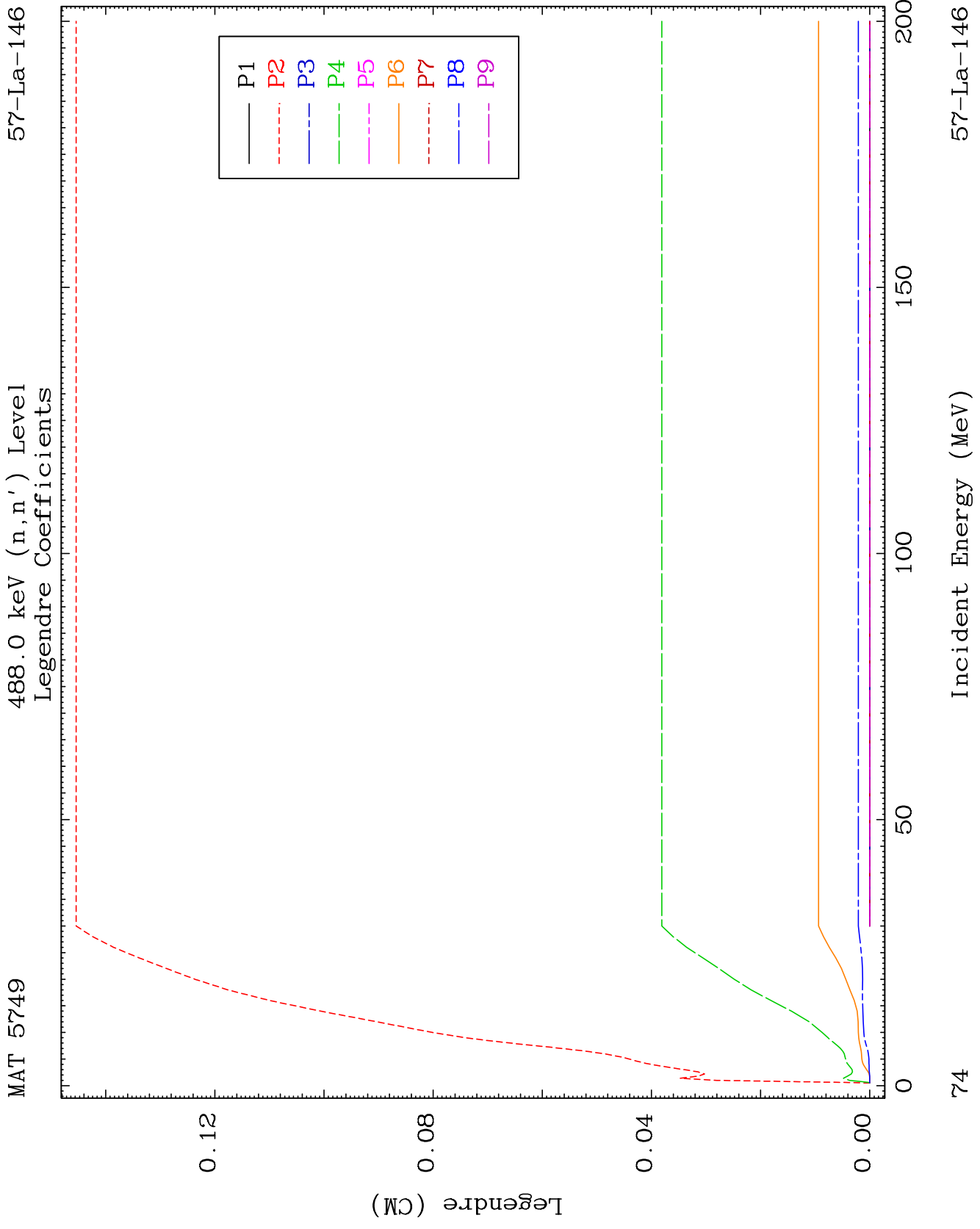
466.6 keV (n,n') Level
Legendre Coefficients

57-La-146



73

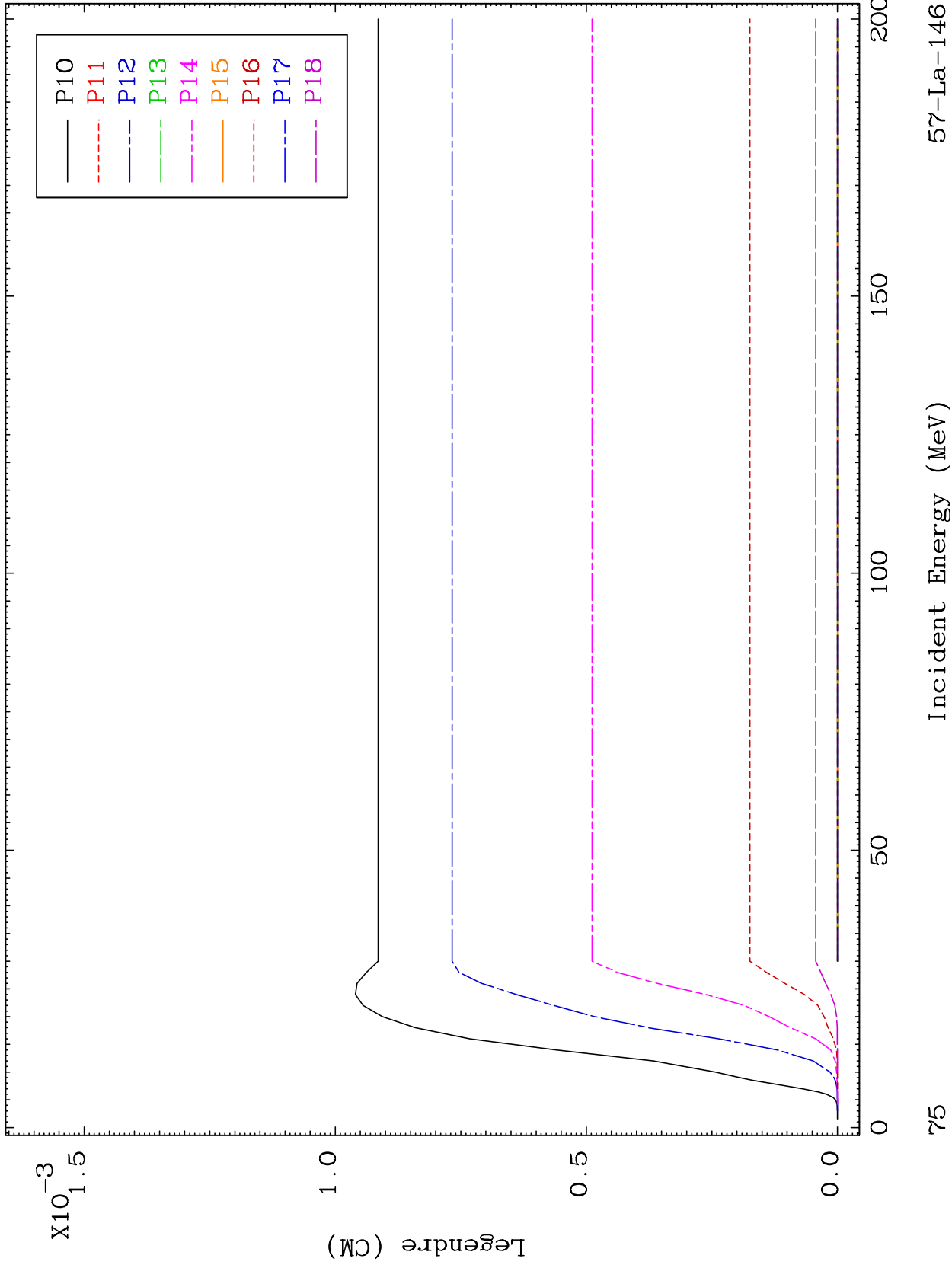
57-La-146



MAT 5749

488.0 keV (n,n') Level
Legendre Coefficients

57-La-146



75

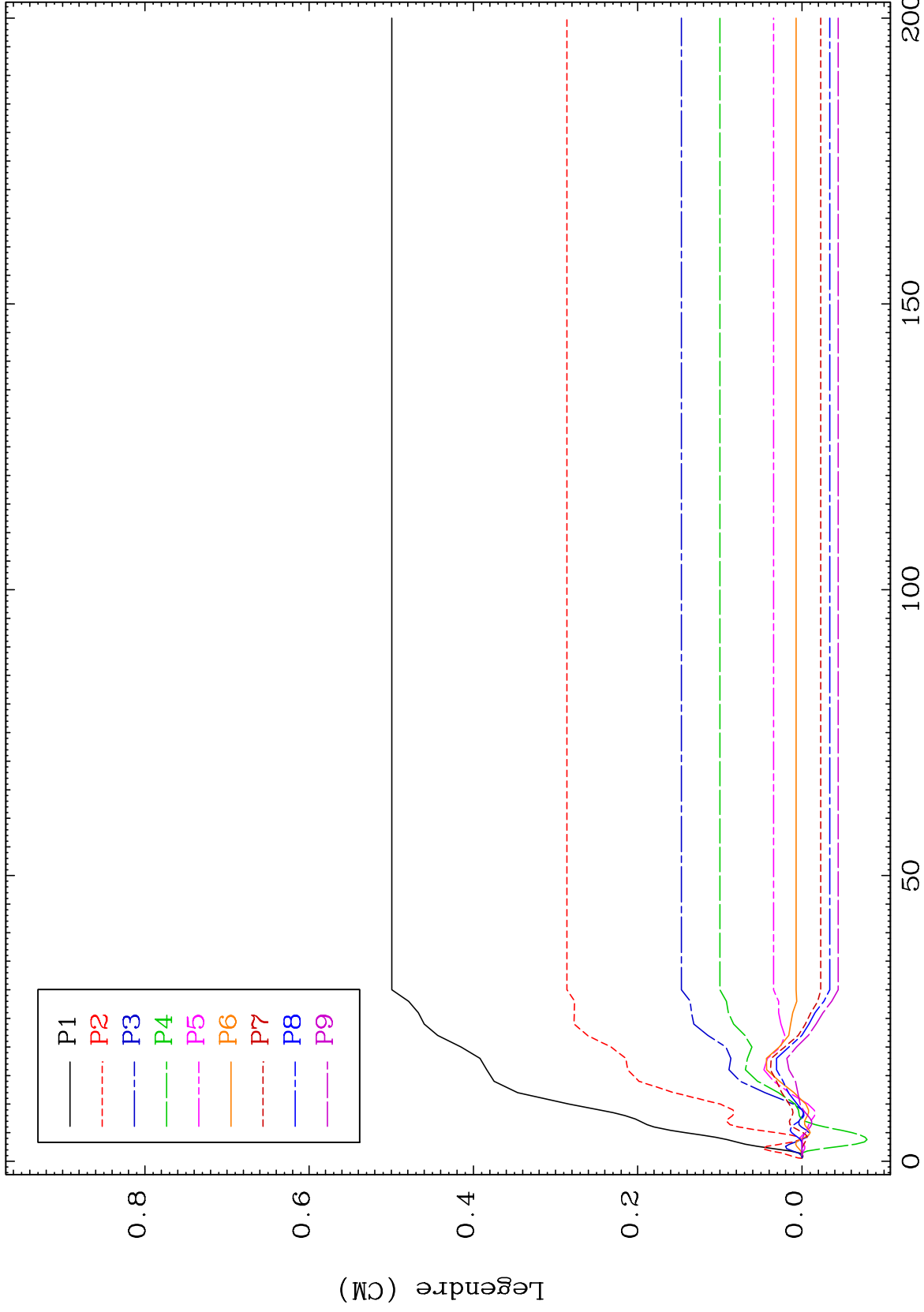
Incident Energy (MeV)

57-La-146

MAT 5749

499.8 keV (n,n') Level
Legendre Coefficients

57-La-146



77

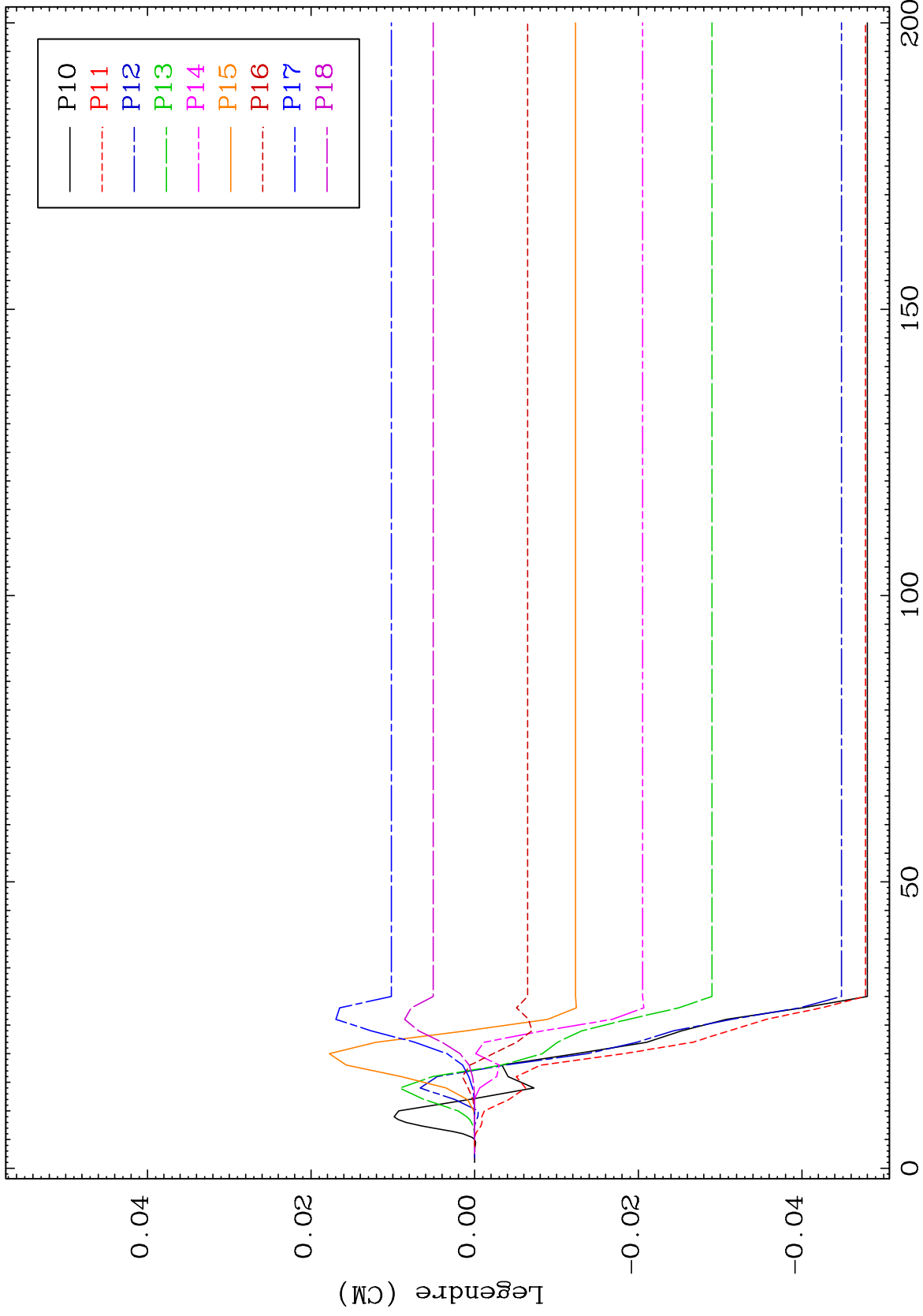
Incident Energy (MeV)

57-La-146

MAT 5749

499.8 keV (n,n') Level
Legendre Coefficients

57-La-146



78

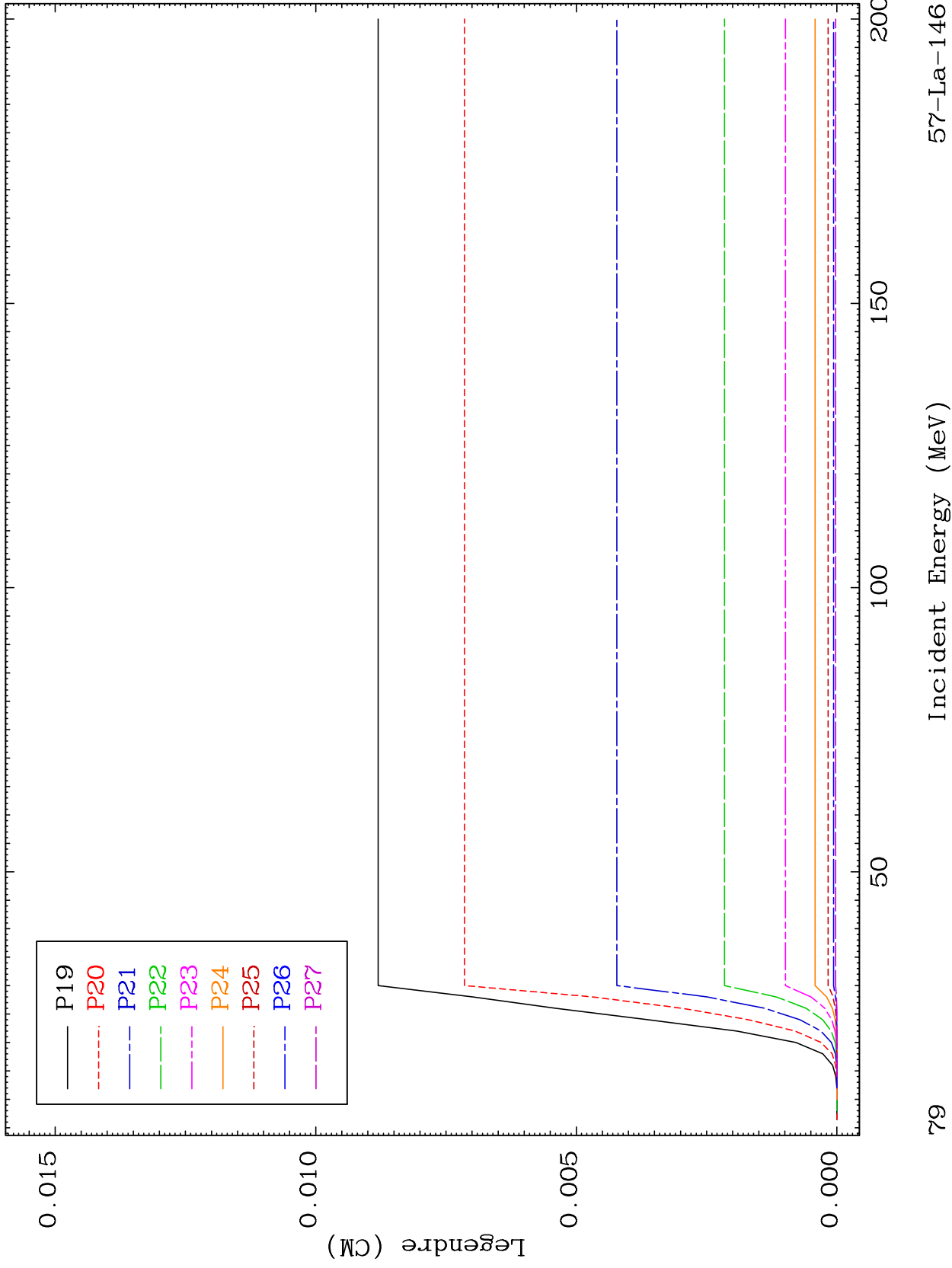
Incident Energy (MeV)

57-La-146

MAT 5749

499.8 keV (n,n') Level
Legendre Coefficients

57-La-146



79

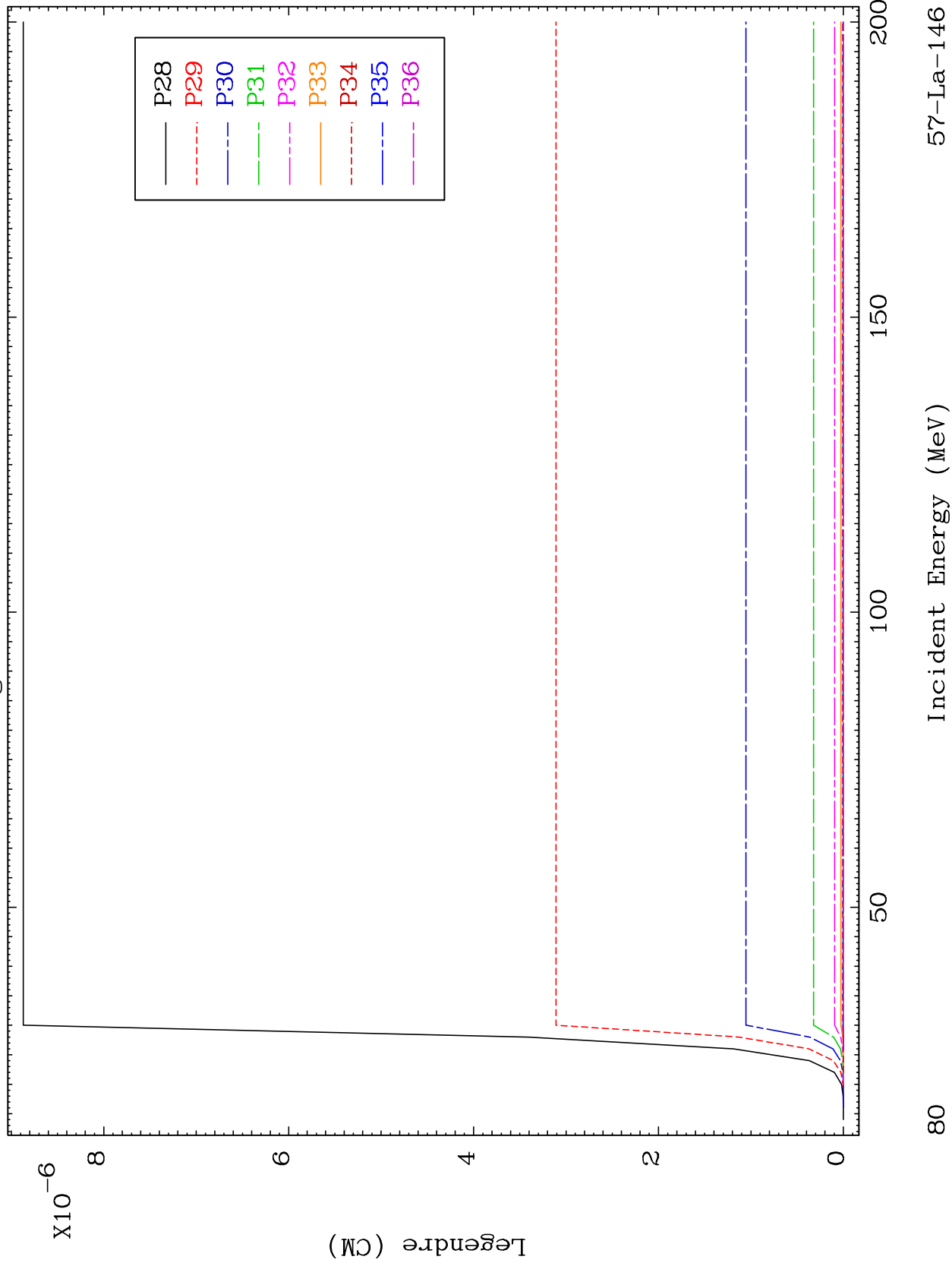
Incident Energy (MeV)

57-La-146

MAT 5749

499.8 keV (n,n') Level
Legendre Coefficients

57-La-146

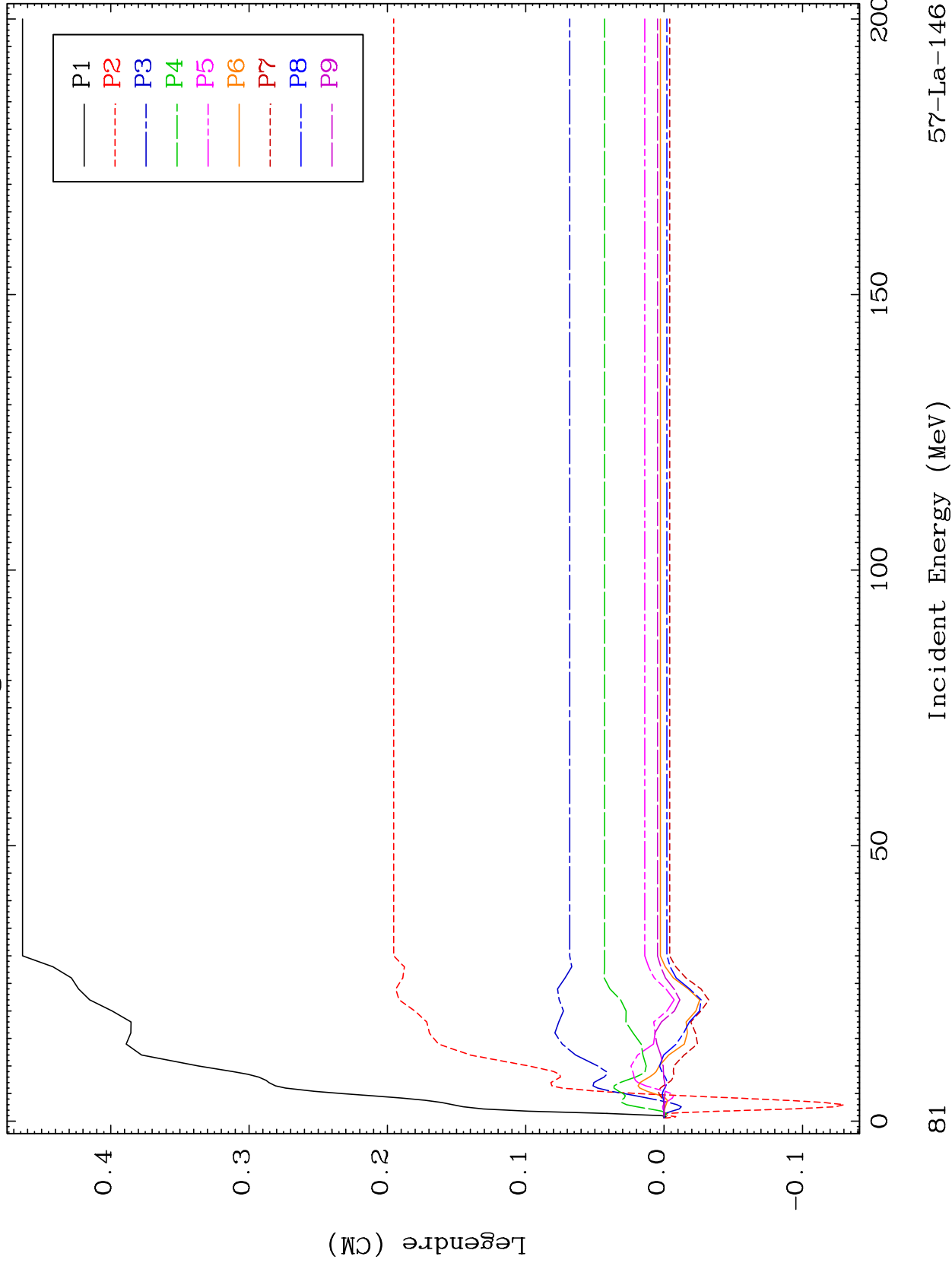


57-La-146

MAT 5749

574.3 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

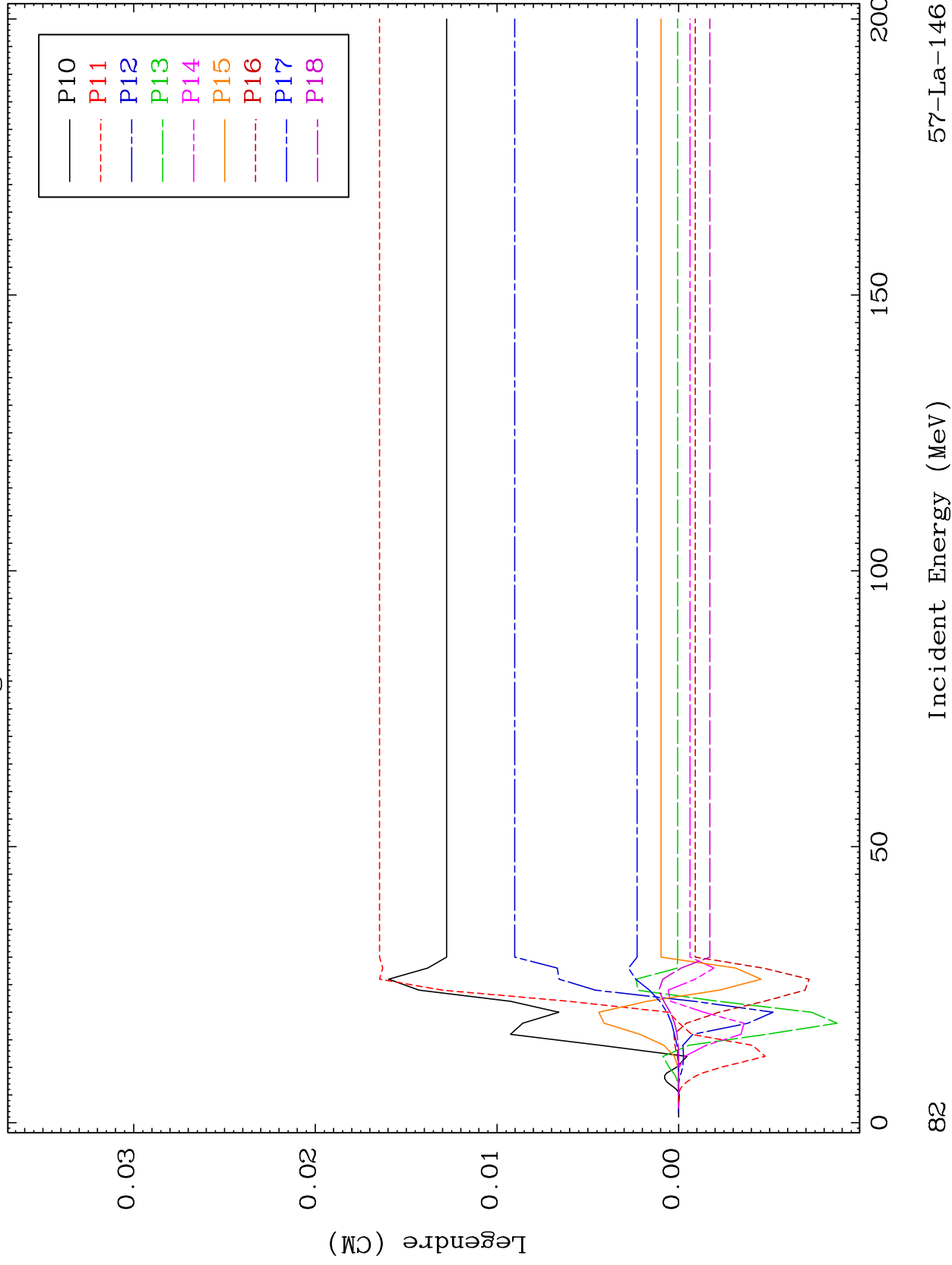
Incident Energy (MeV)

81

MAT 5749

574.3 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

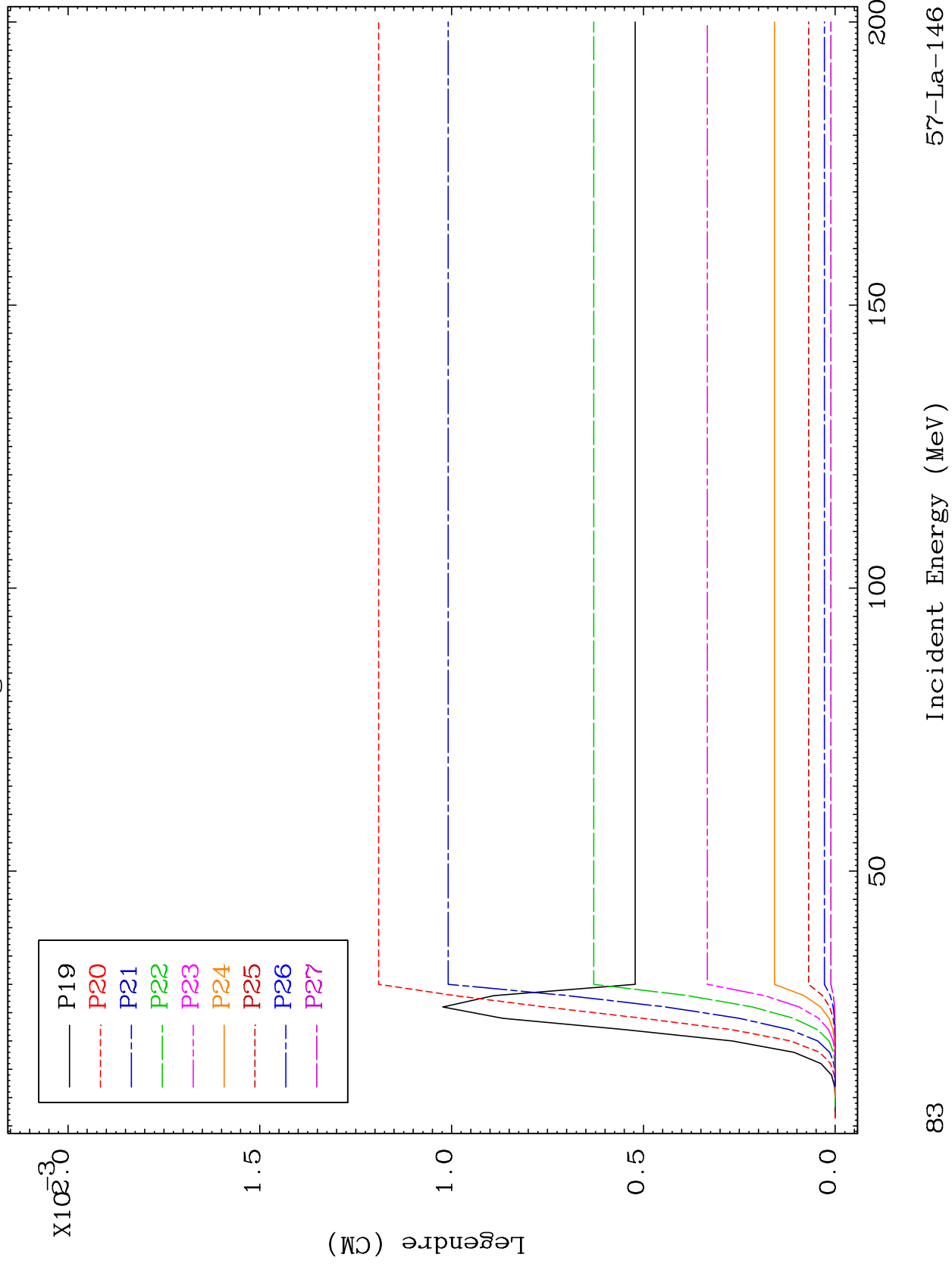
Incident Energy (MeV)

82

MAT 5749

574.3 keV (n, n') Level
Legendre Coefficients

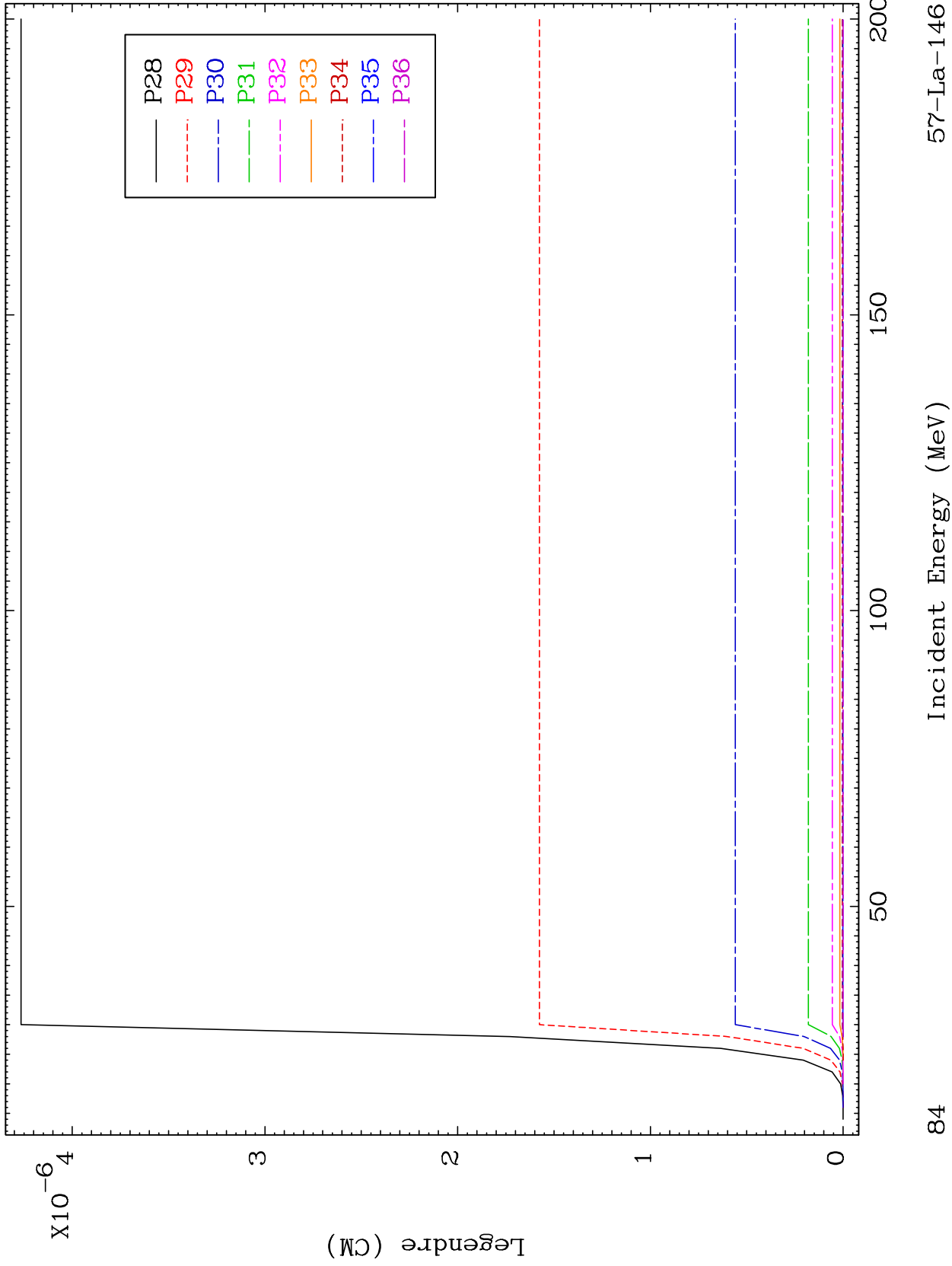
57-La-146



MAT 5749

574.3 keV (n,n') Level
Legendre Coefficients

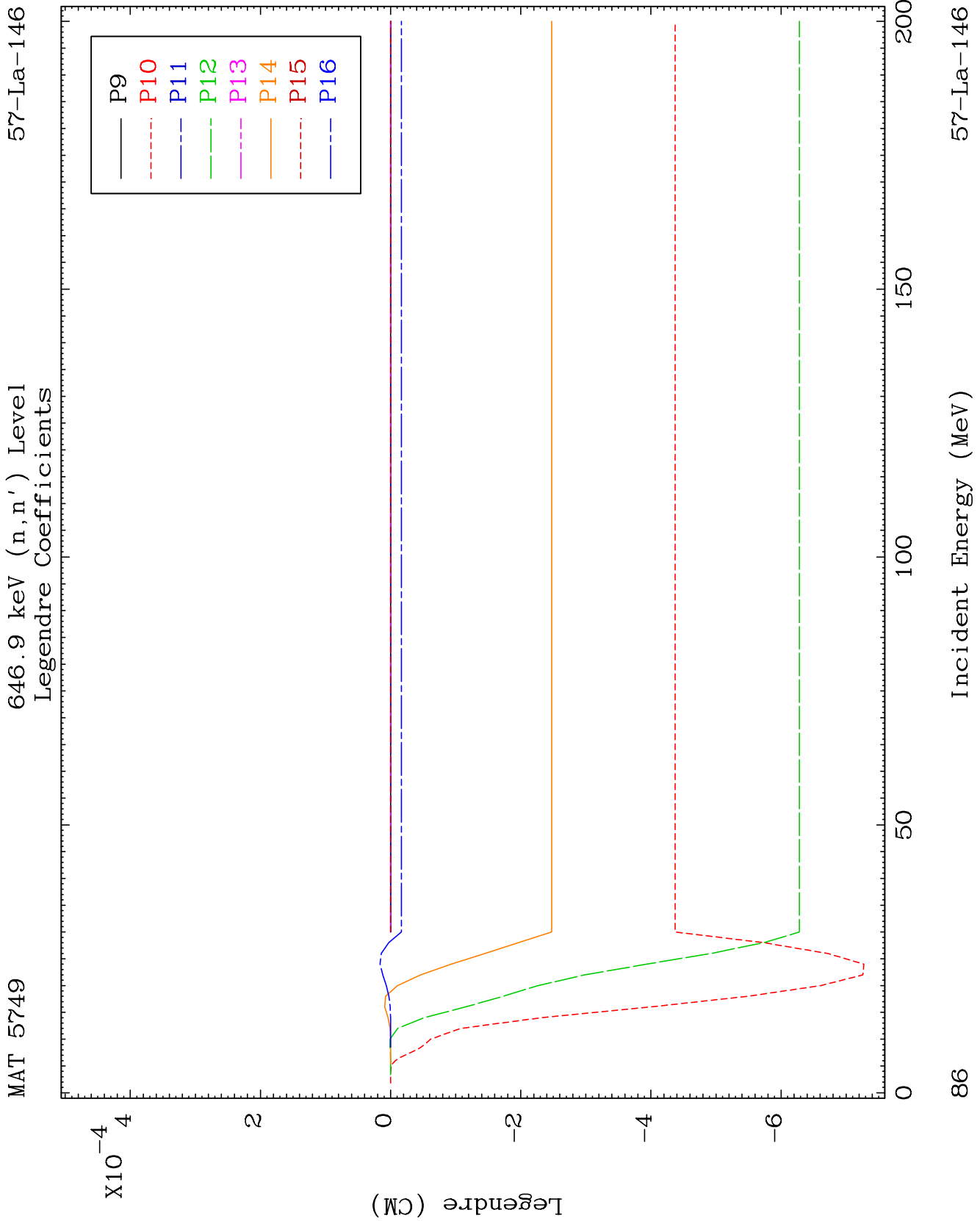
57-La-146

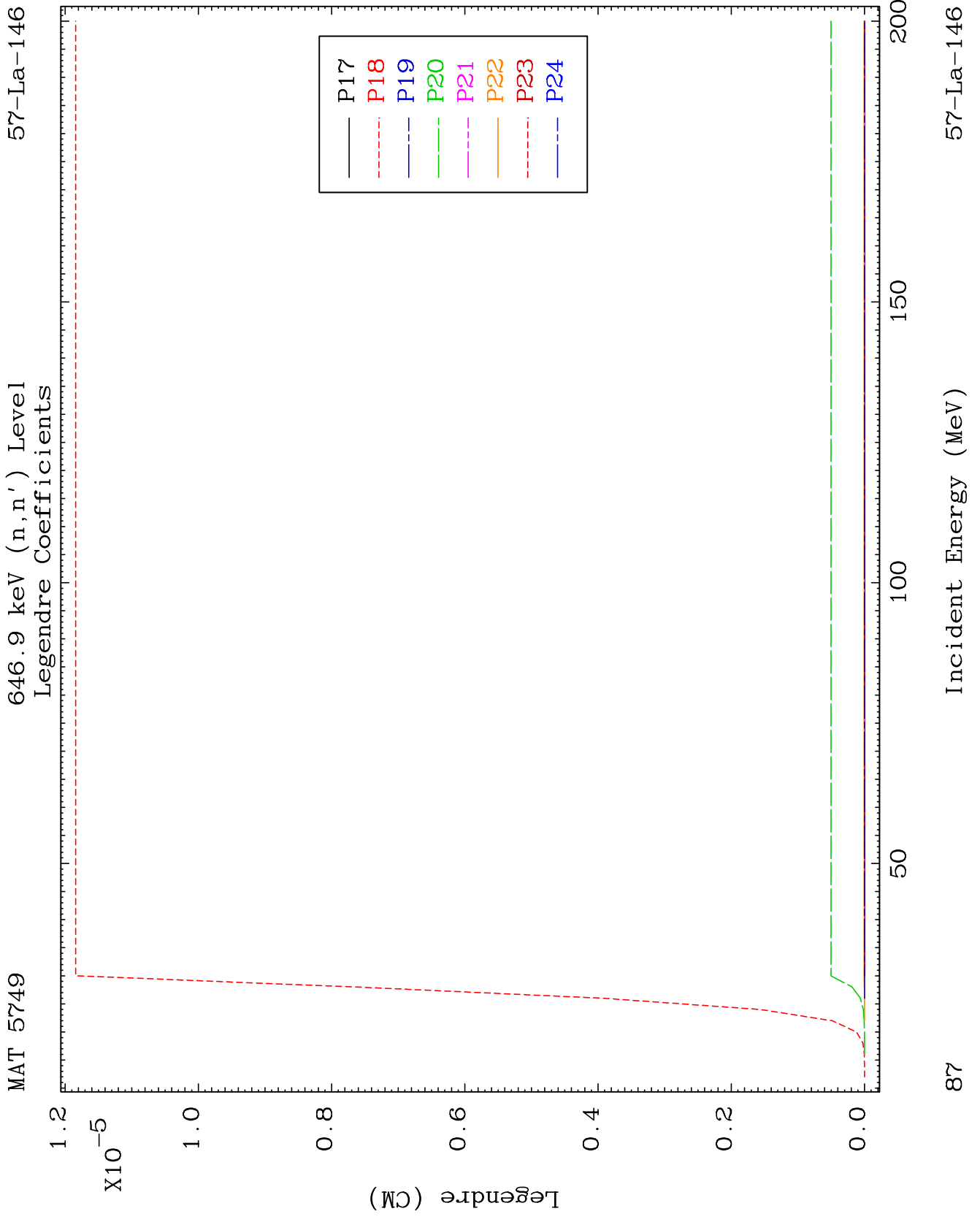


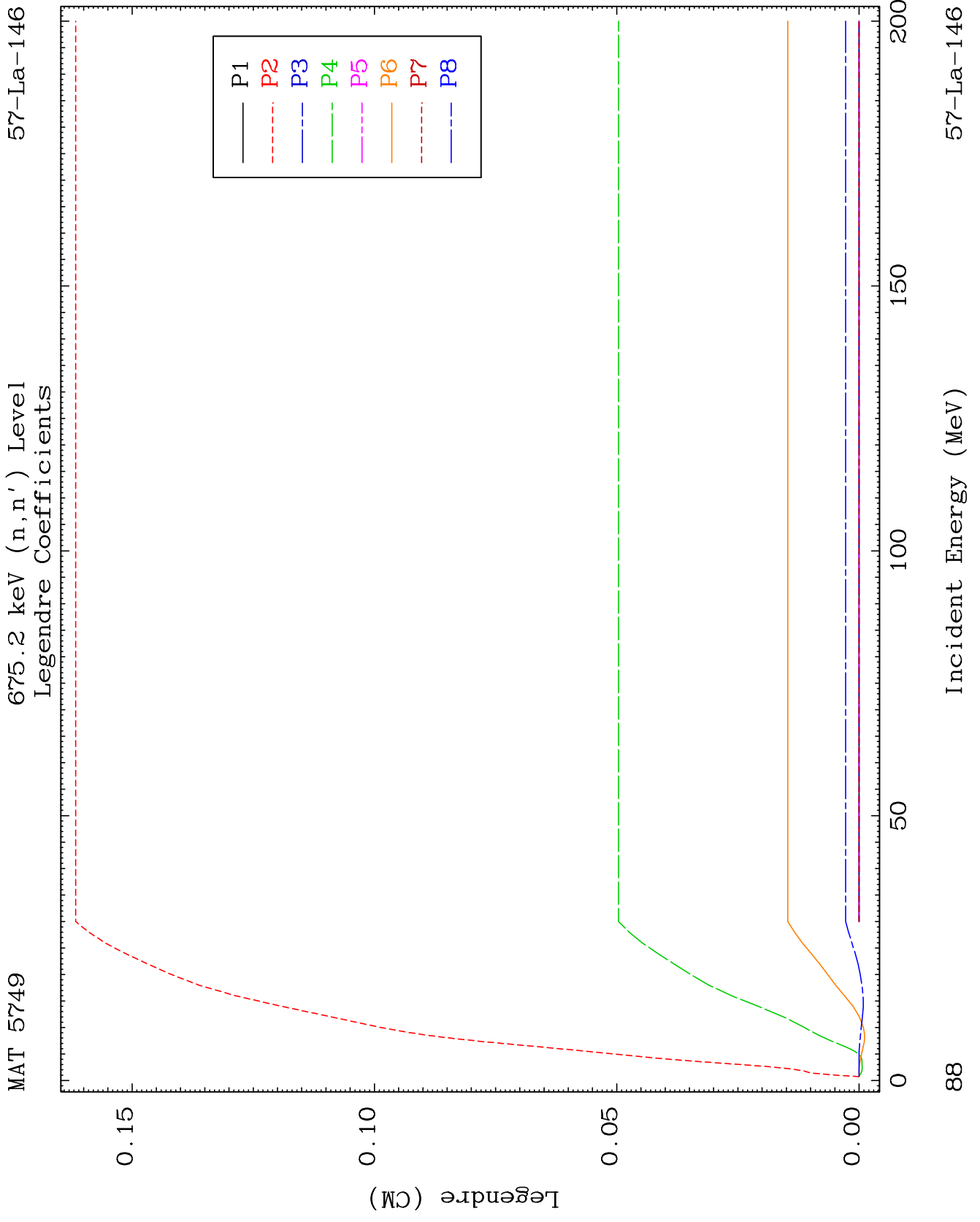
84

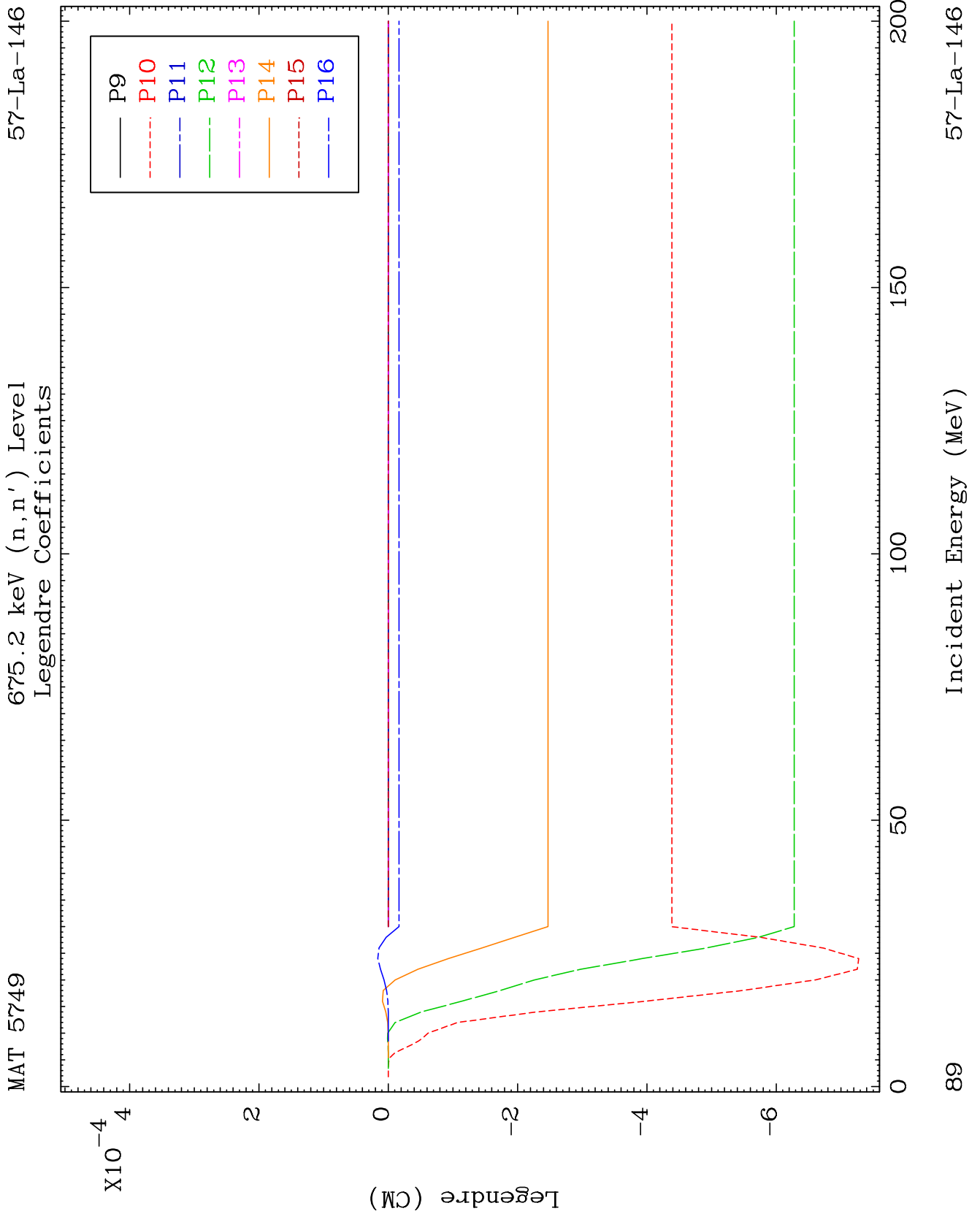
Incident Energy (MeV)

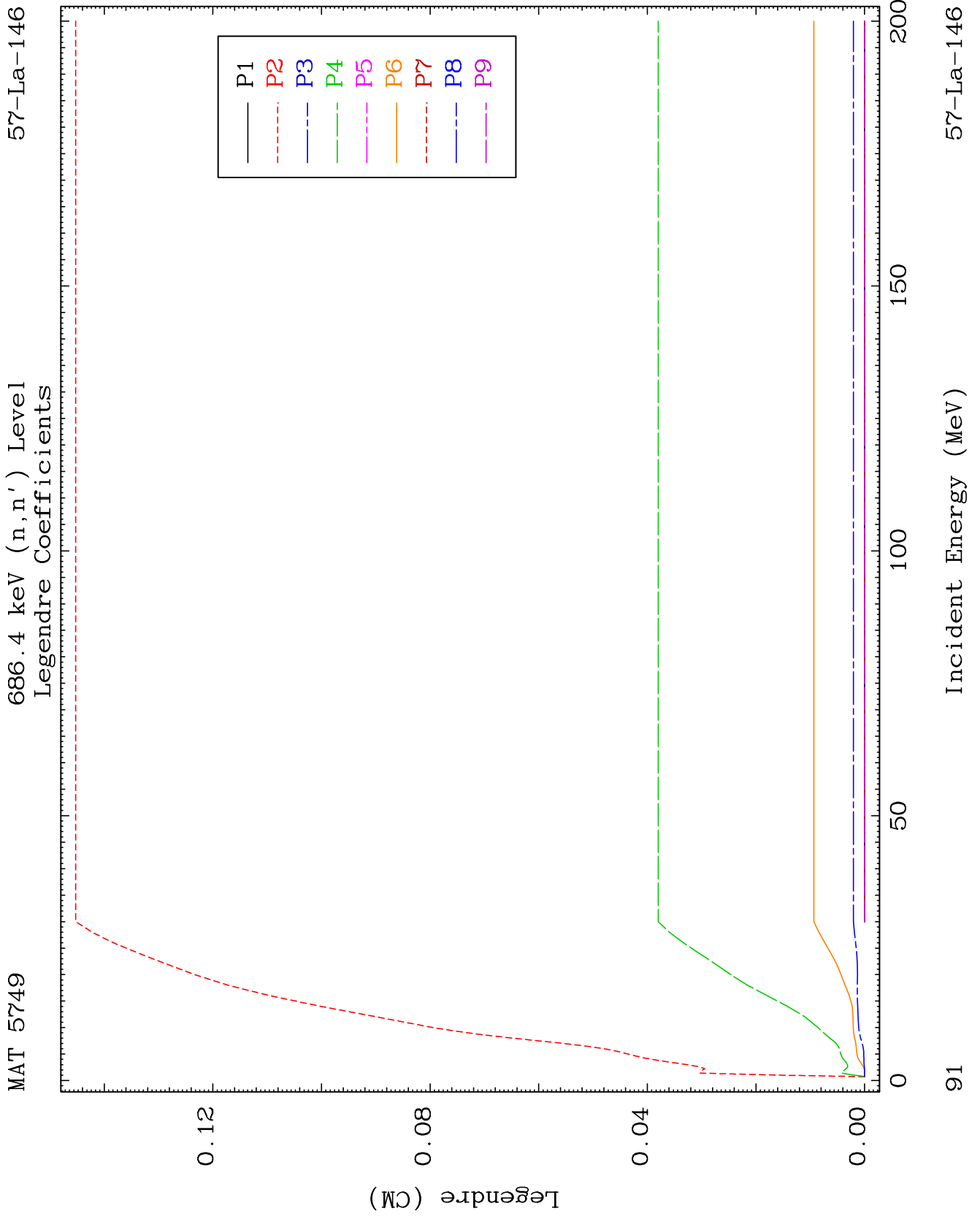
57-La-146







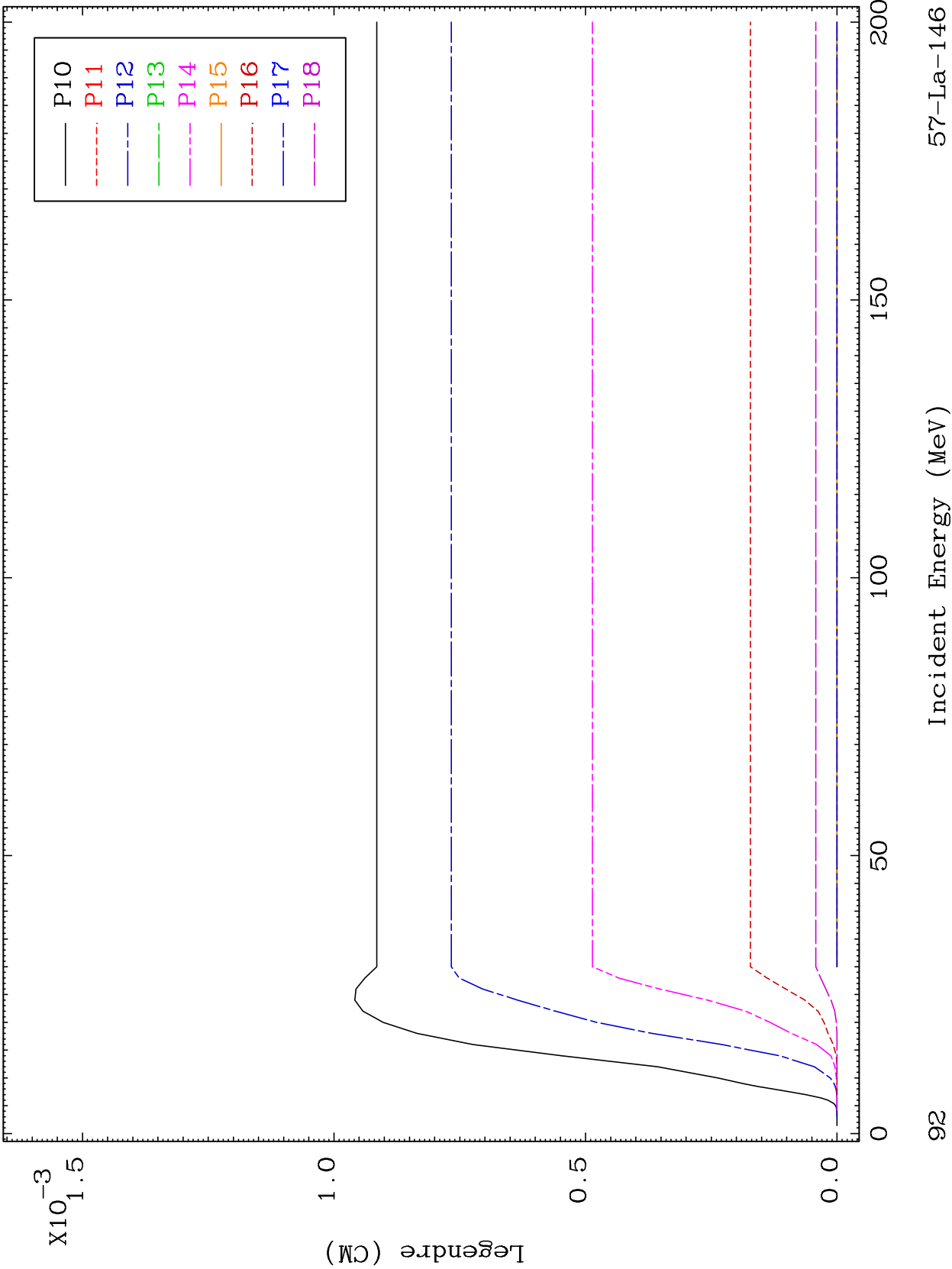




MAT 5749

686.4 keV (n,n') Level
Legendre Coefficients

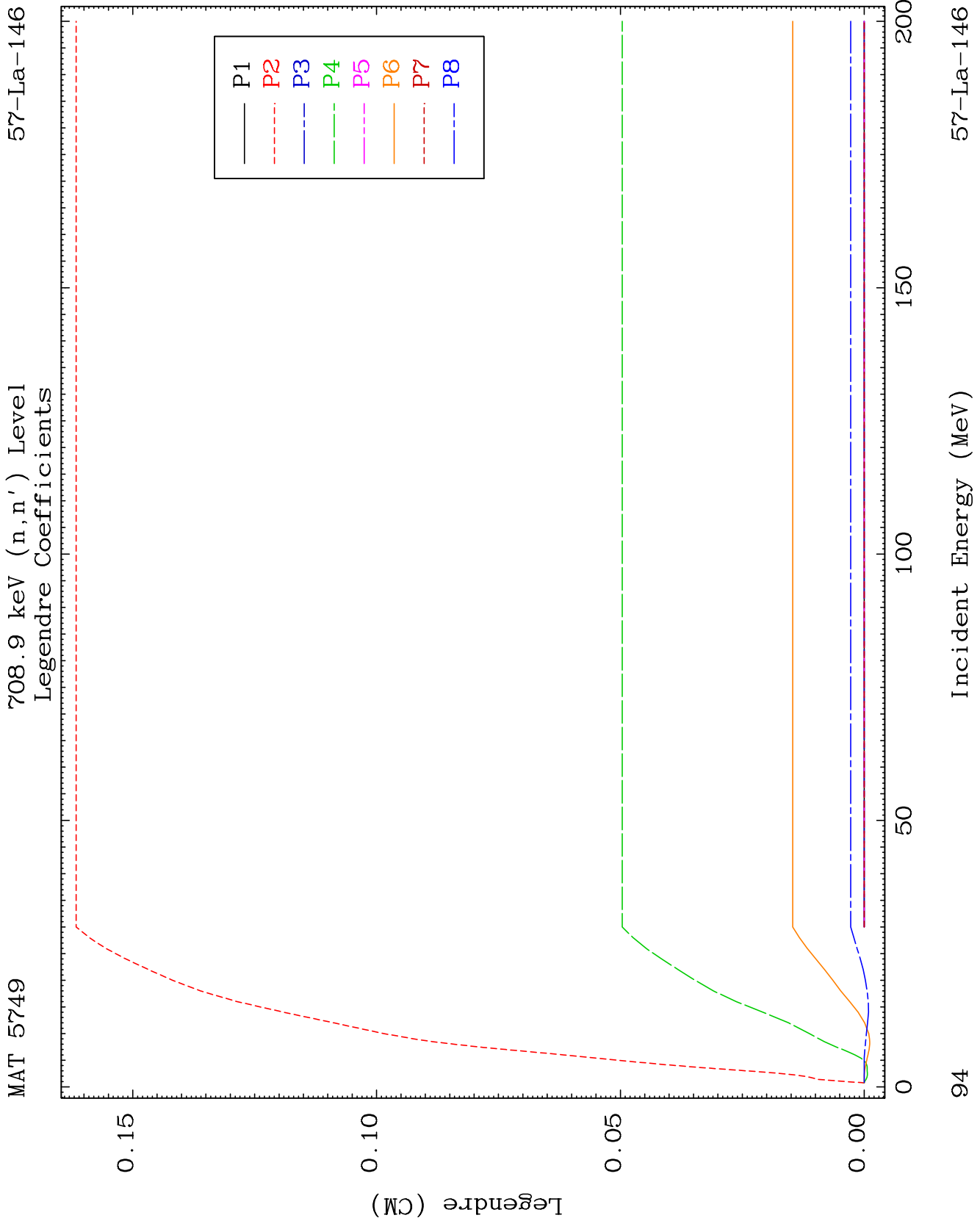
57-La-146

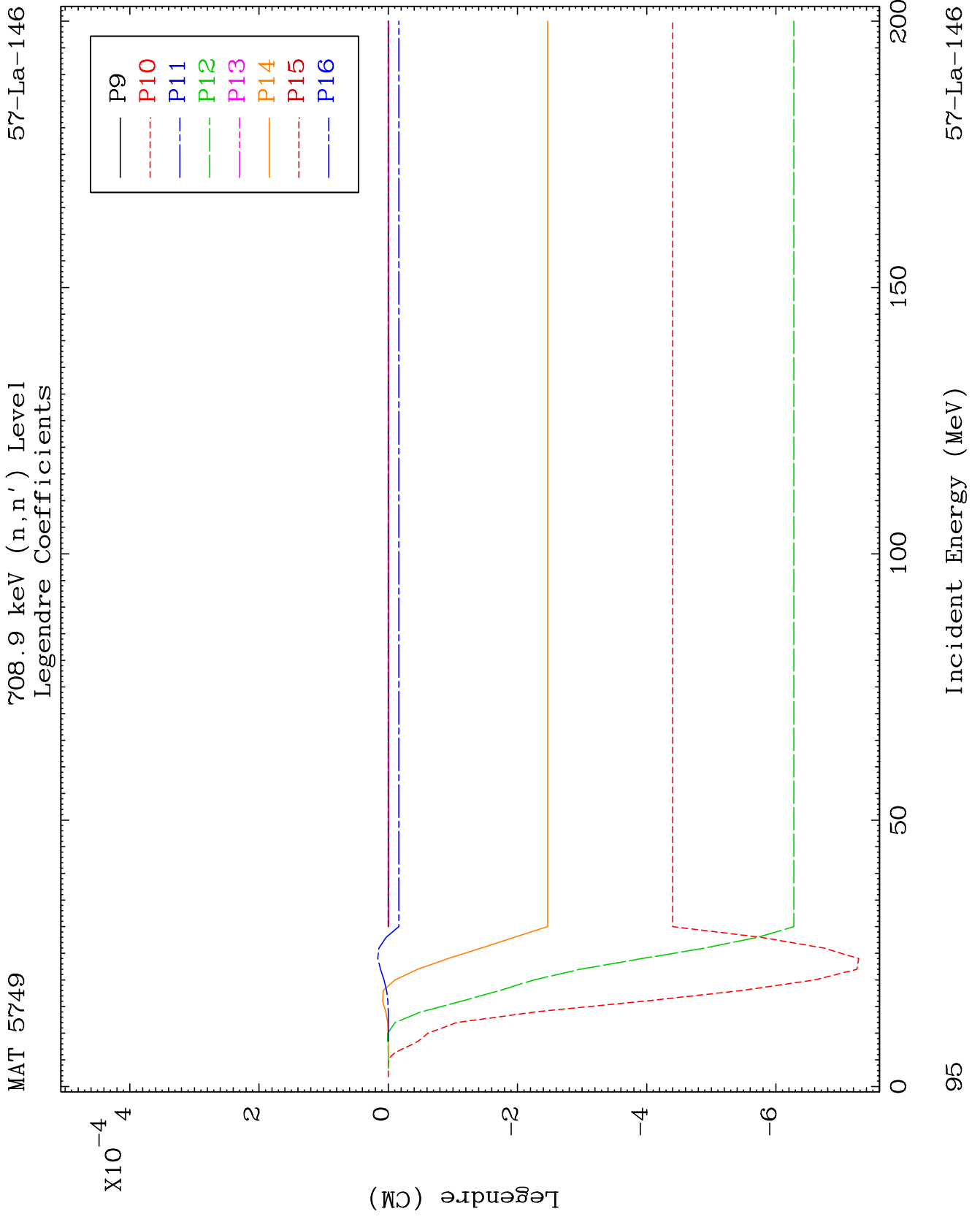


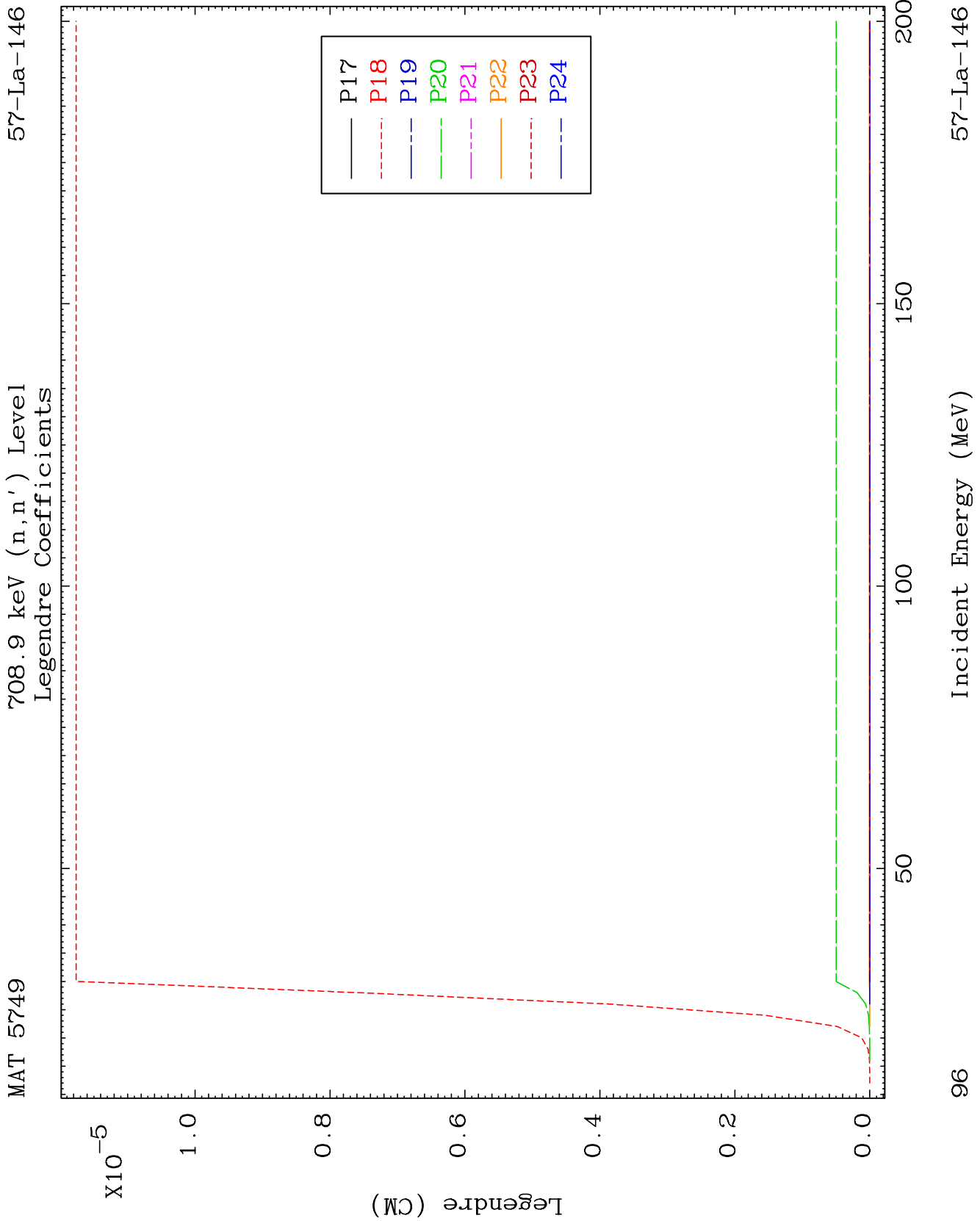
57-La-146

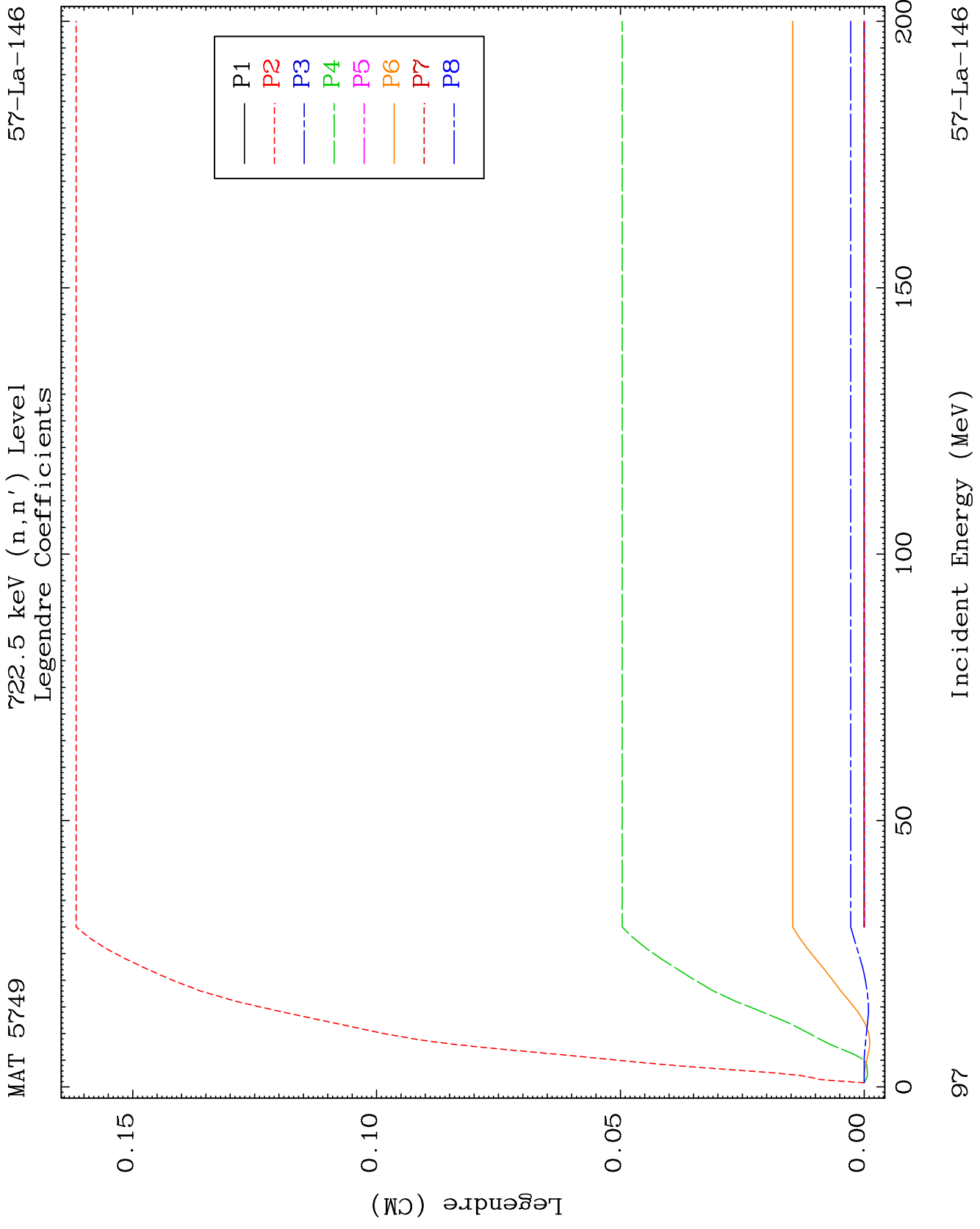
Incident Energy (MeV)

92





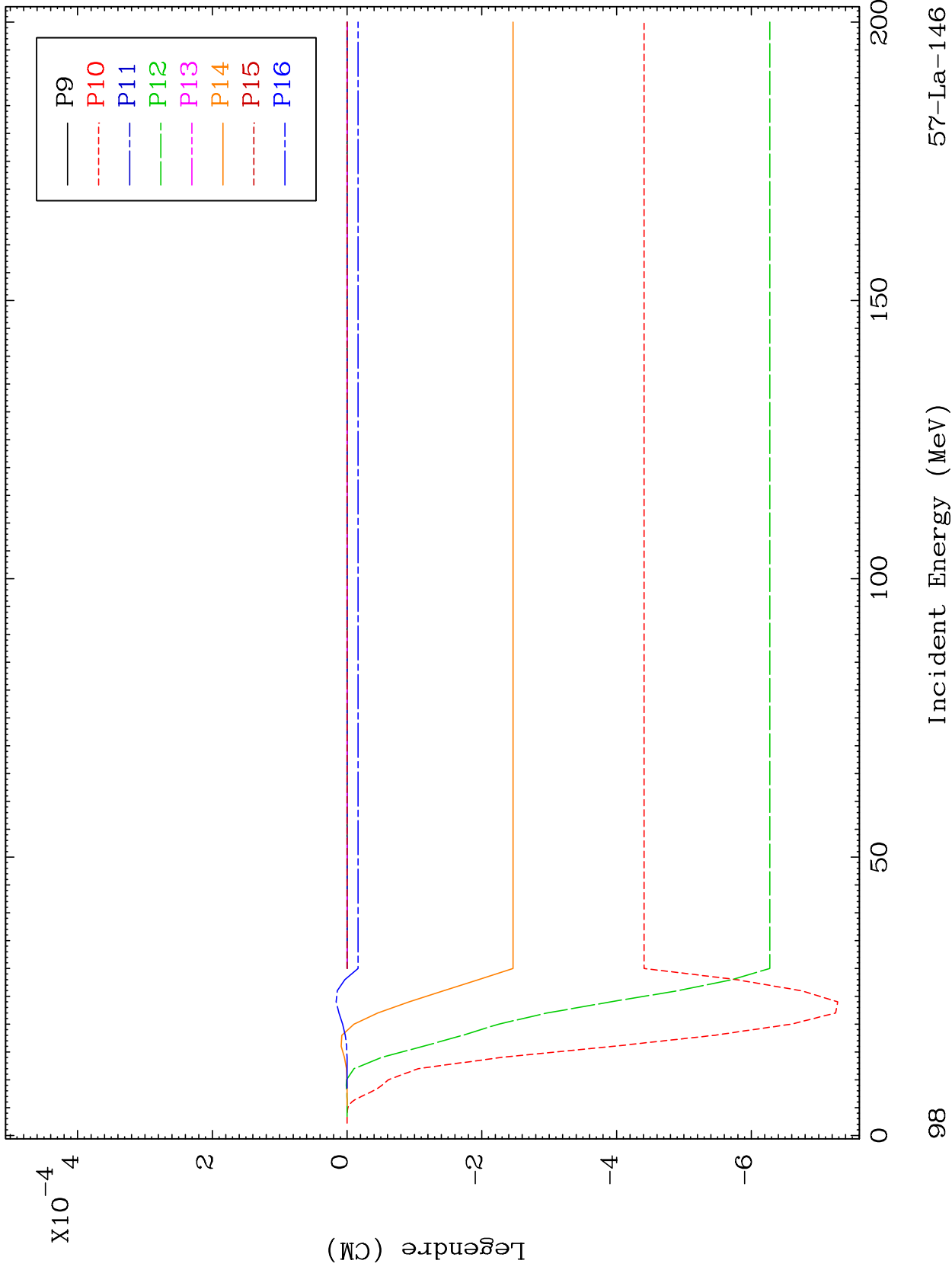




MAT 5749

722.5 keV (n,n') Level
Legendre Coefficients

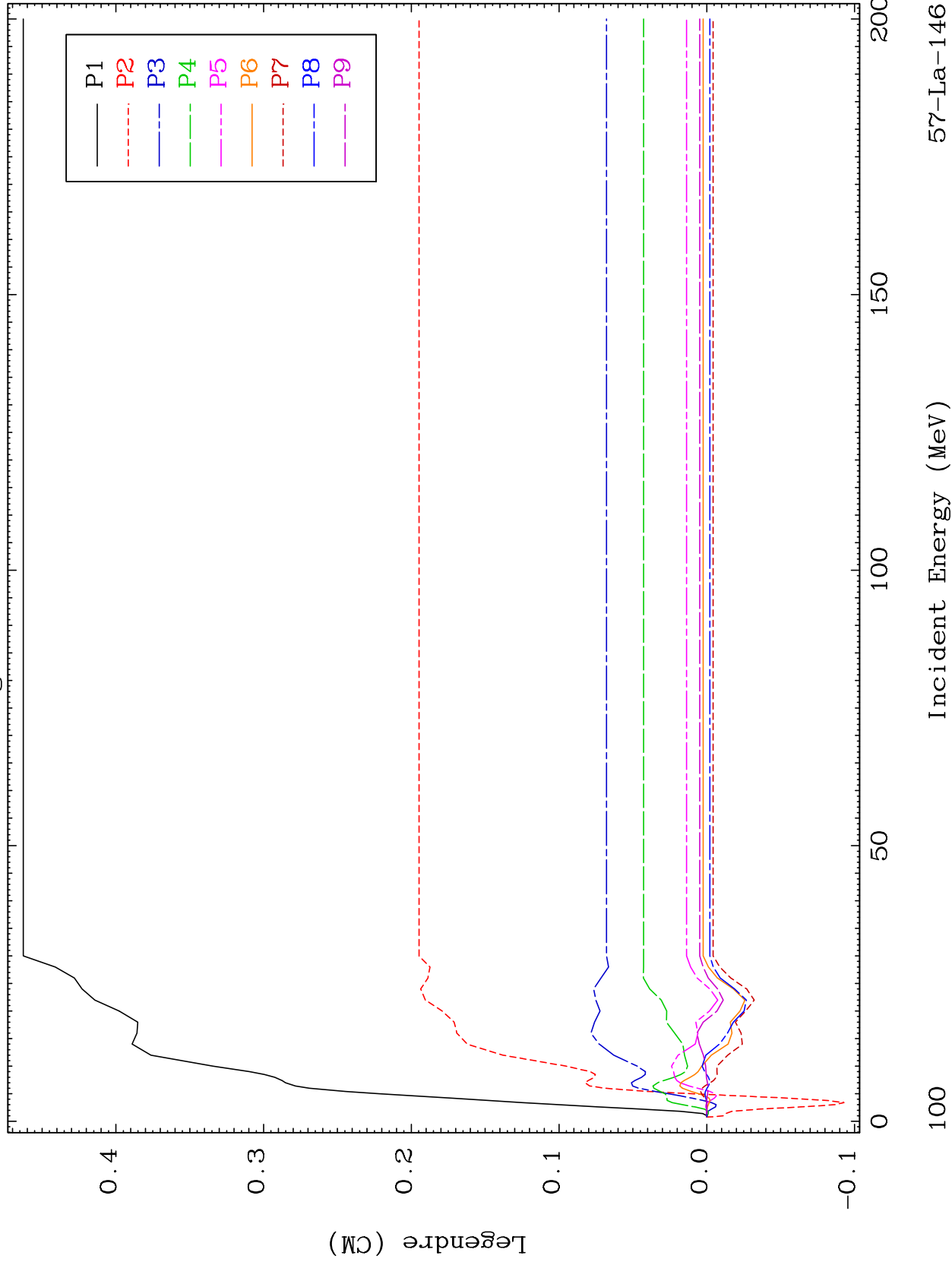
57-La-146



MAT 5749

757.7 keV (n,n') Level
Legendre Coefficients

57-La-146

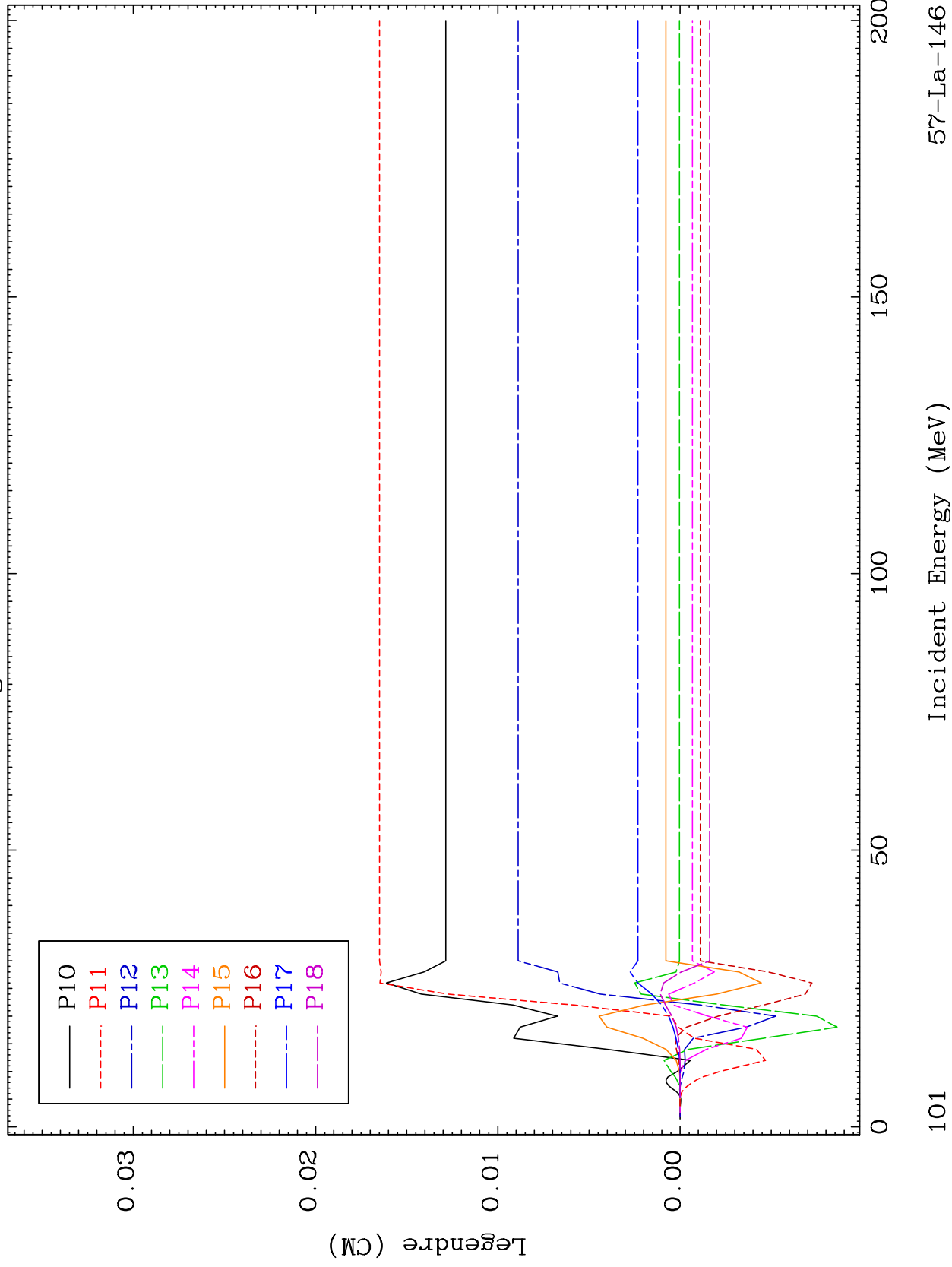


57-La-146

MAT 5749

757.7 keV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

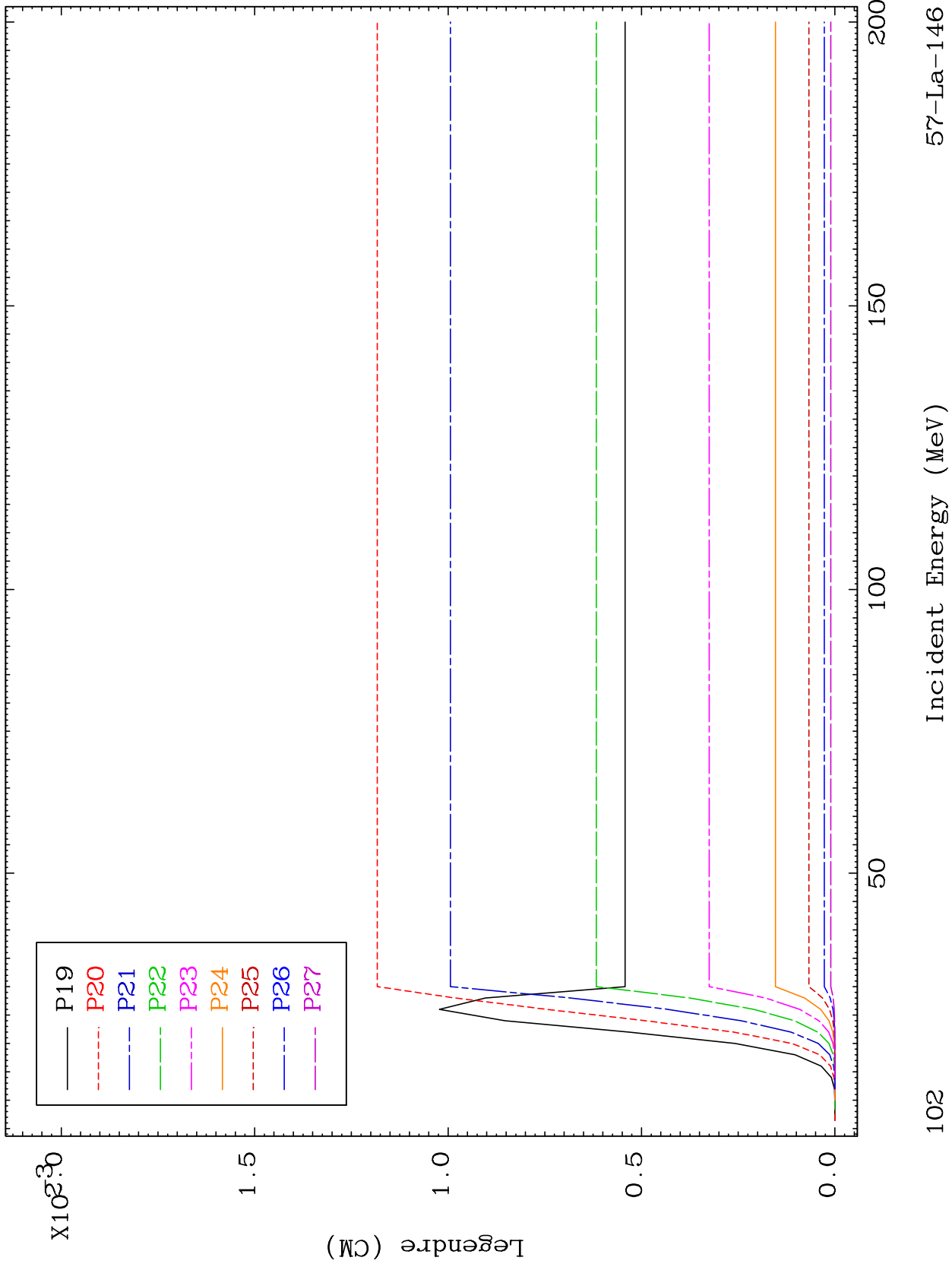
Incident Energy (MeV)

101

MAT 5749

757.7 keV (n, n') Level
Legendre Coefficients

57-La-146

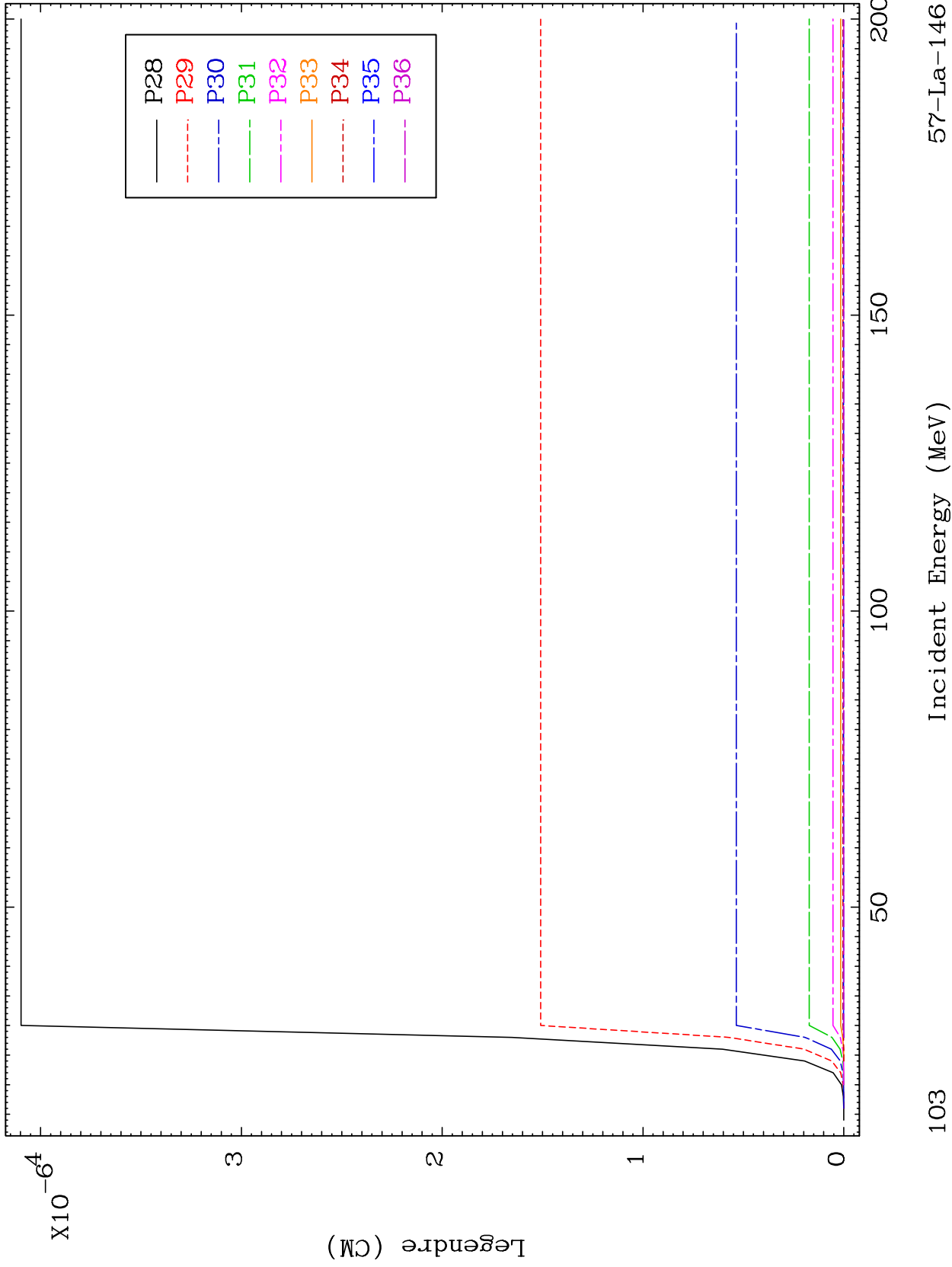


102

MAT 5749

757.7 keV (n,n') Level
Legendre Coefficients

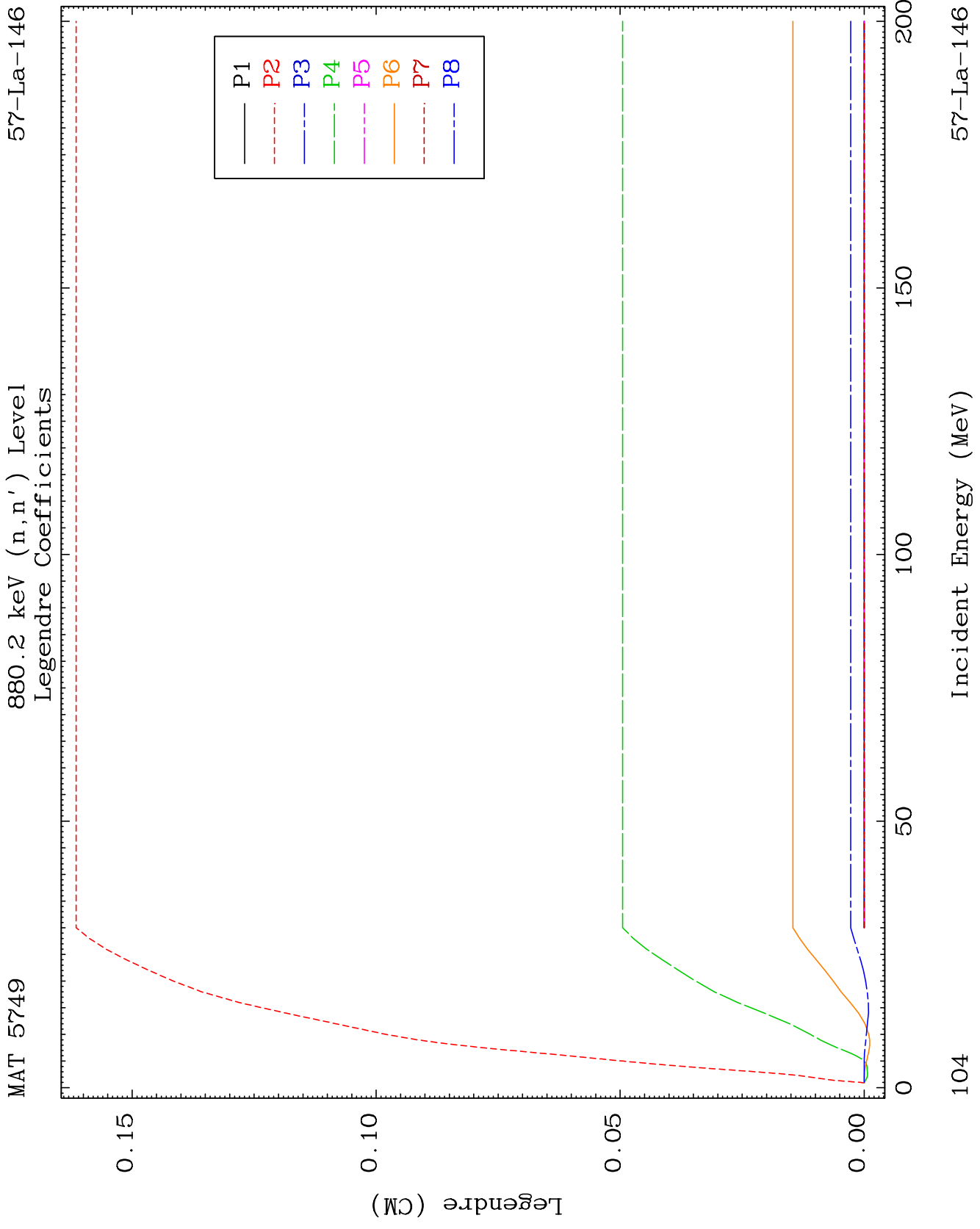
57-La-146



103

Incident Energy (MeV)

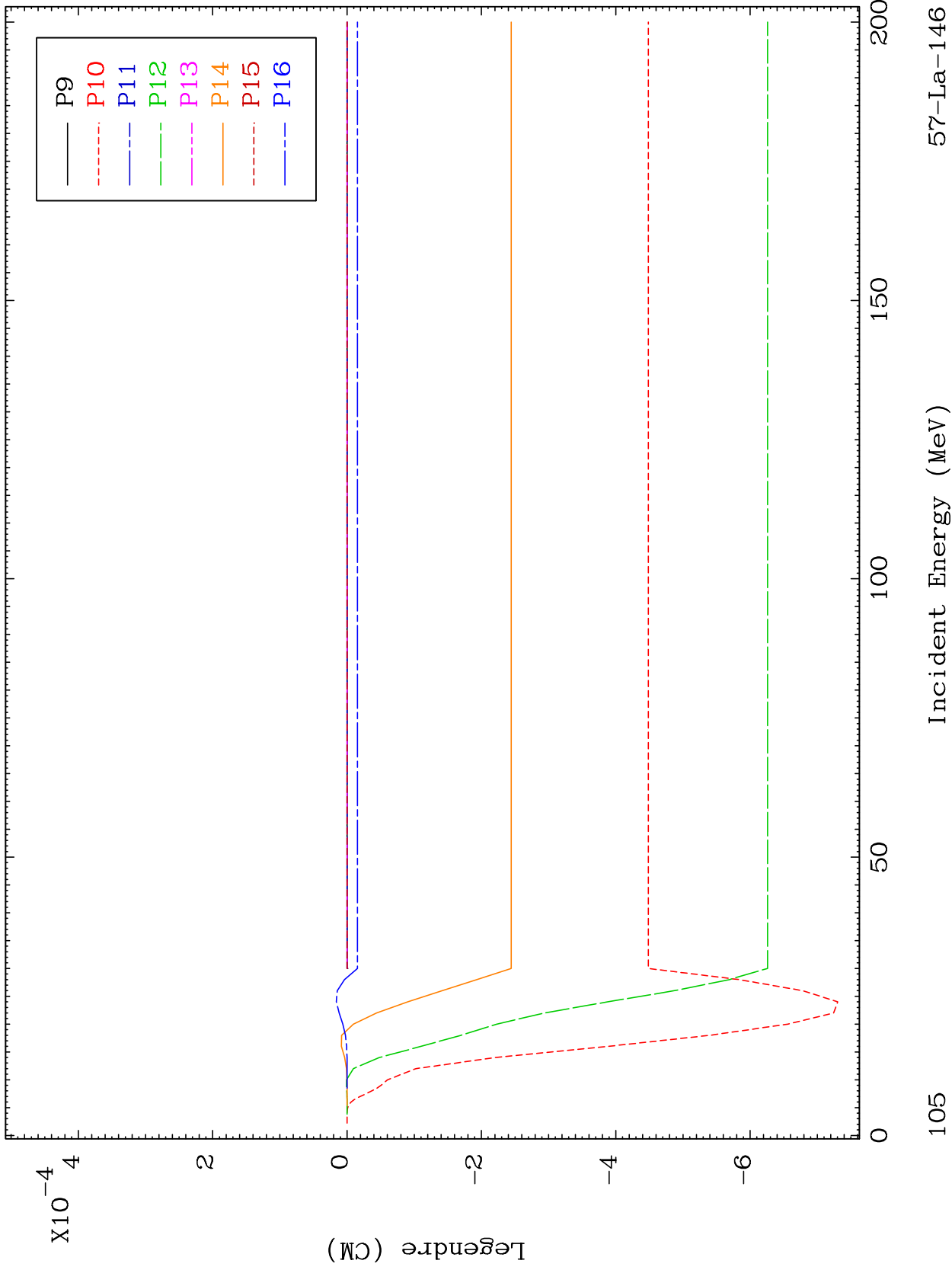
57-La-146

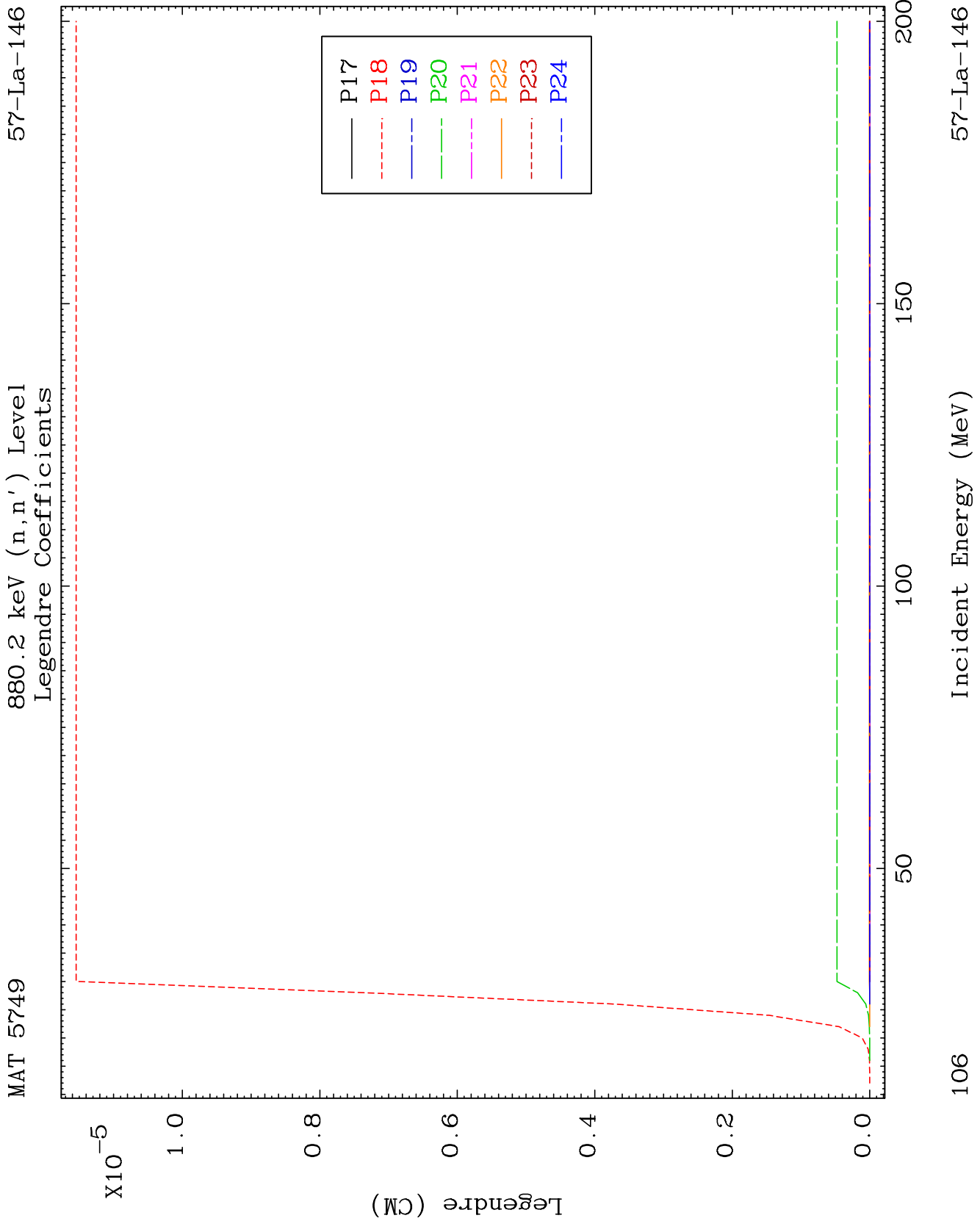


MAT 5749

880.2 keV (n,n') Level
Legendre Coefficients

57-La-146

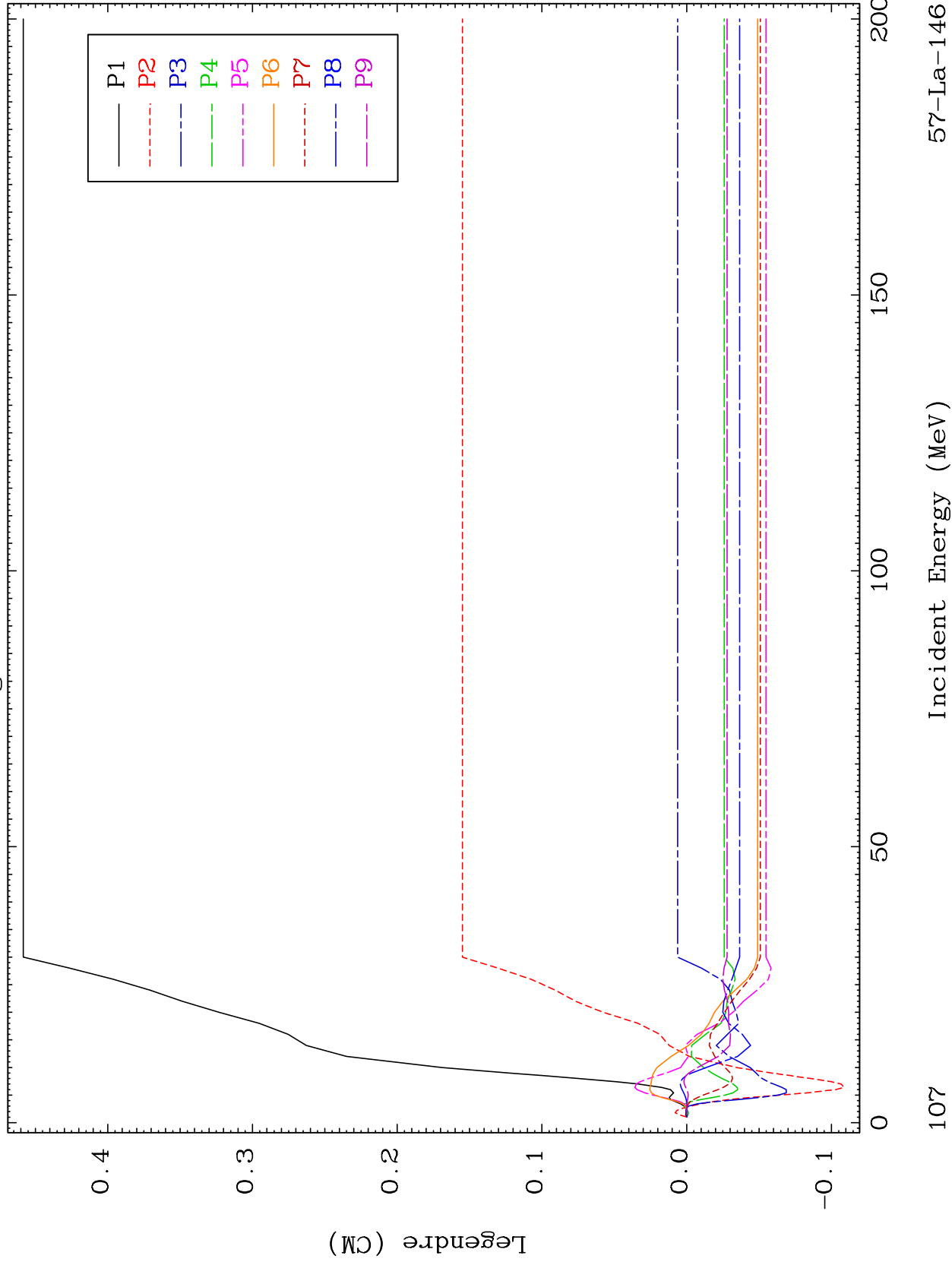




MAT 5749

1.005 MeV (n,n') Level
Legendre Coefficients

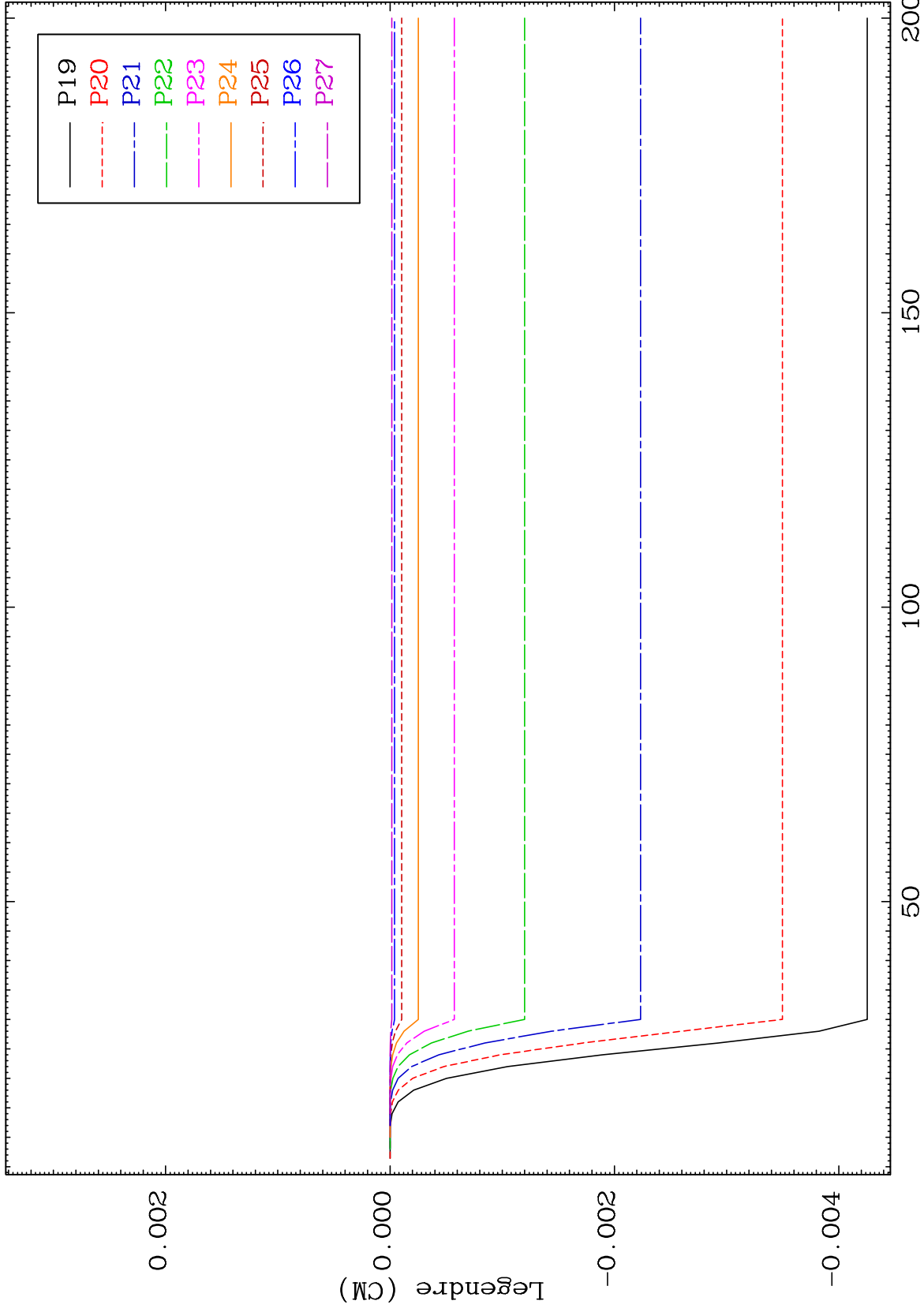
57-La-146

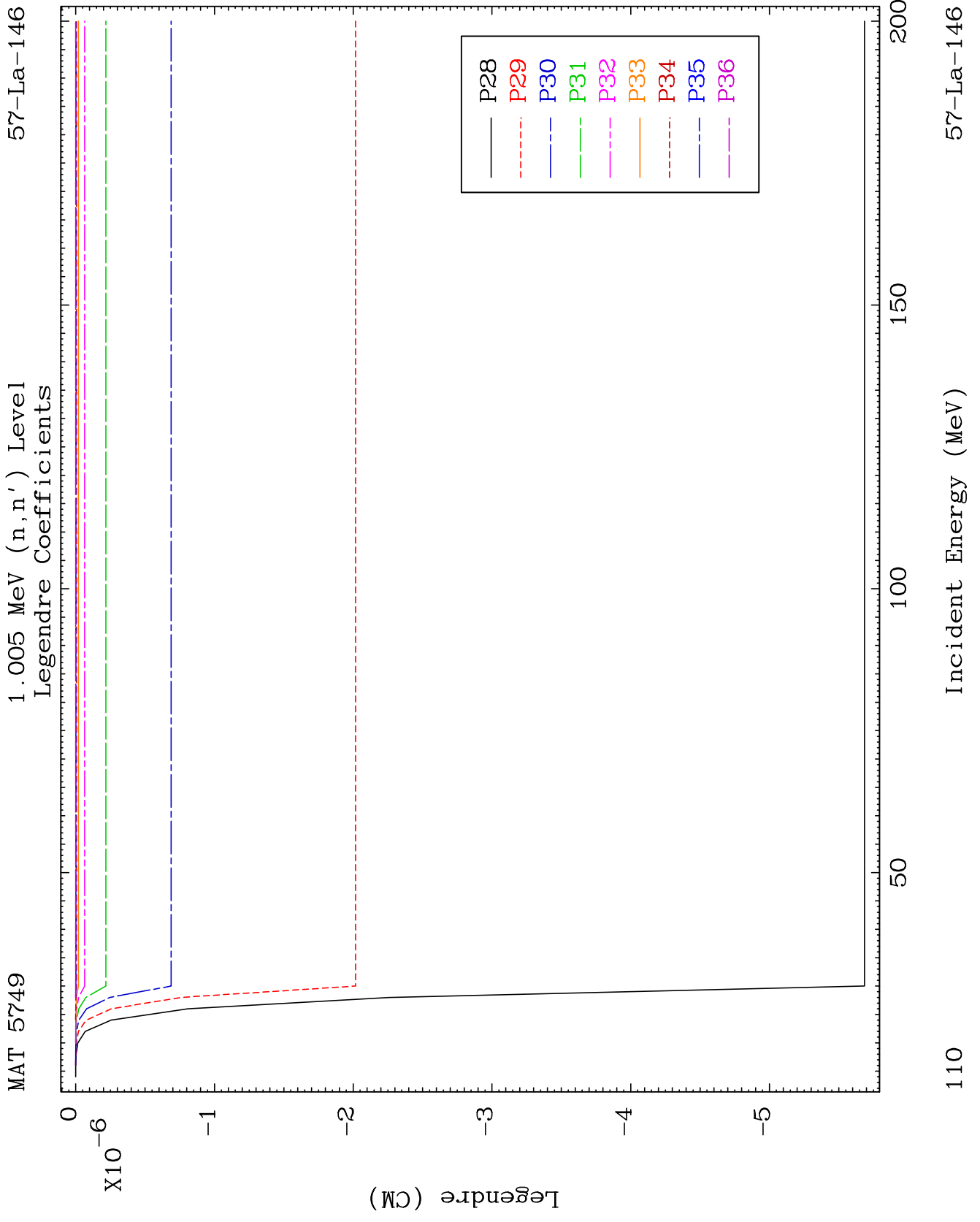


57-La-146

Incident Energy (MeV)

107

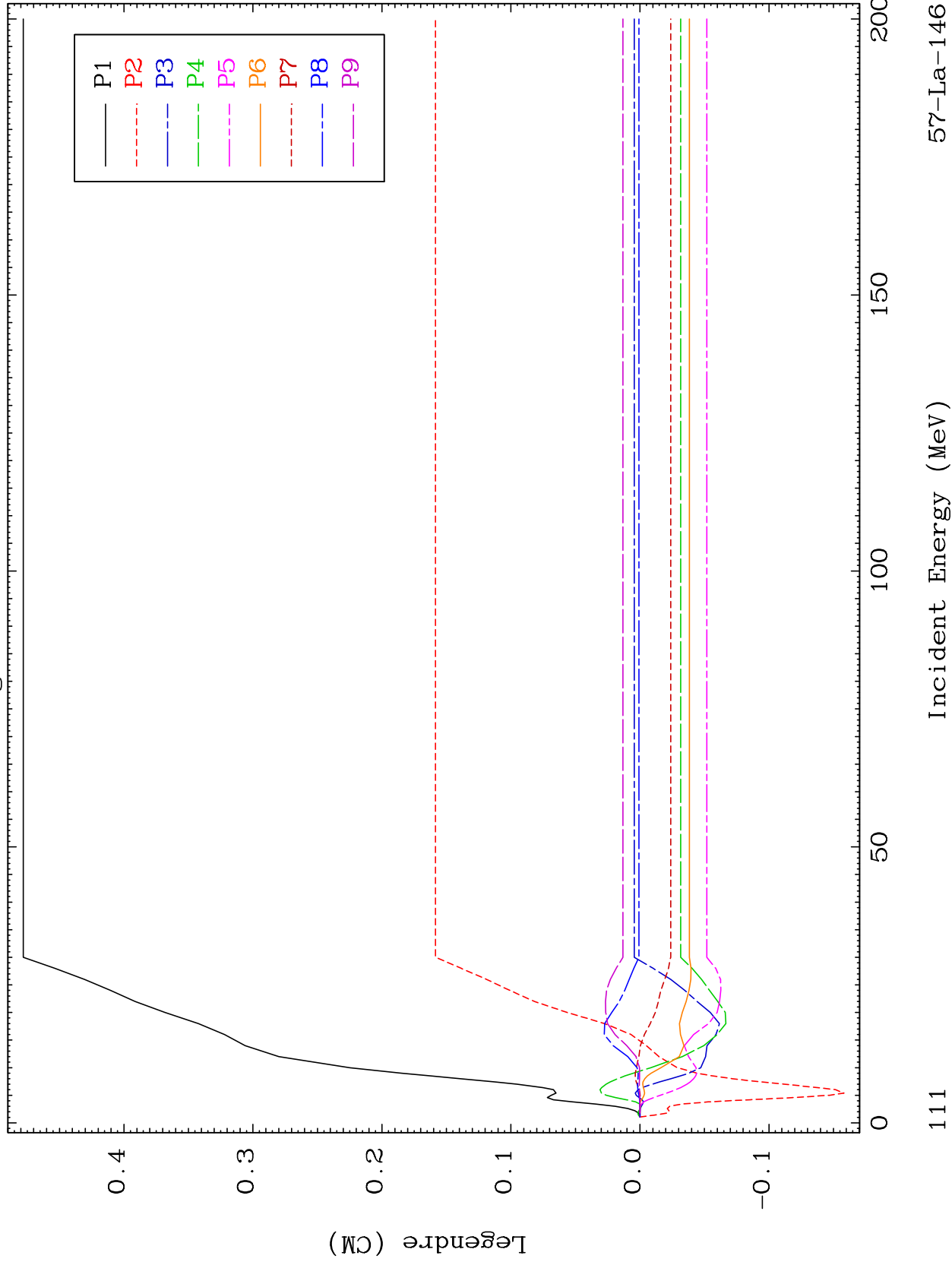




MAT 5749

1.041 MeV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

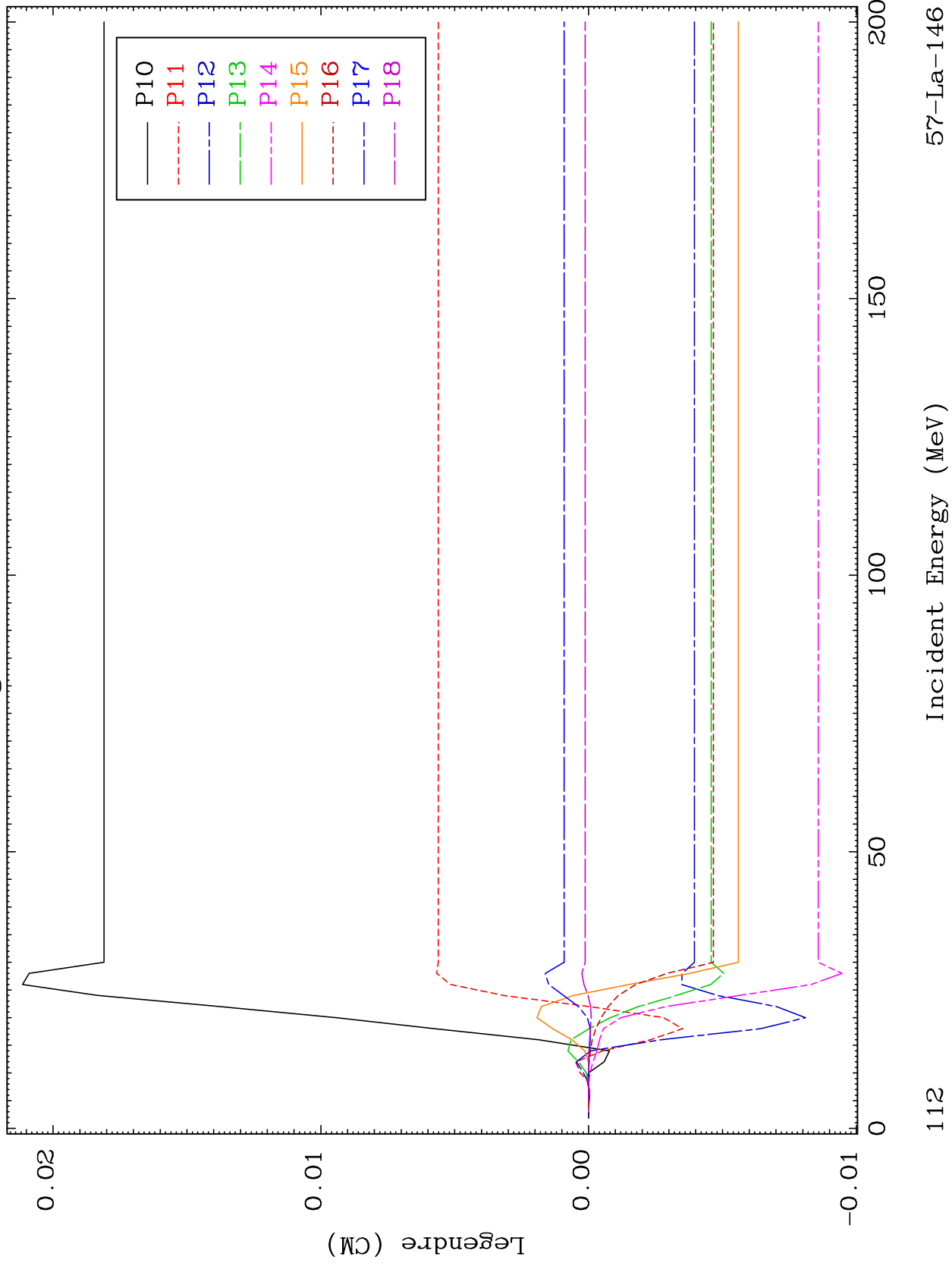
Incident Energy (MeV)

111

MAT 5749

1.041 MeV (n,n') Level
Legendre Coefficients

57-La-146



57-La-146

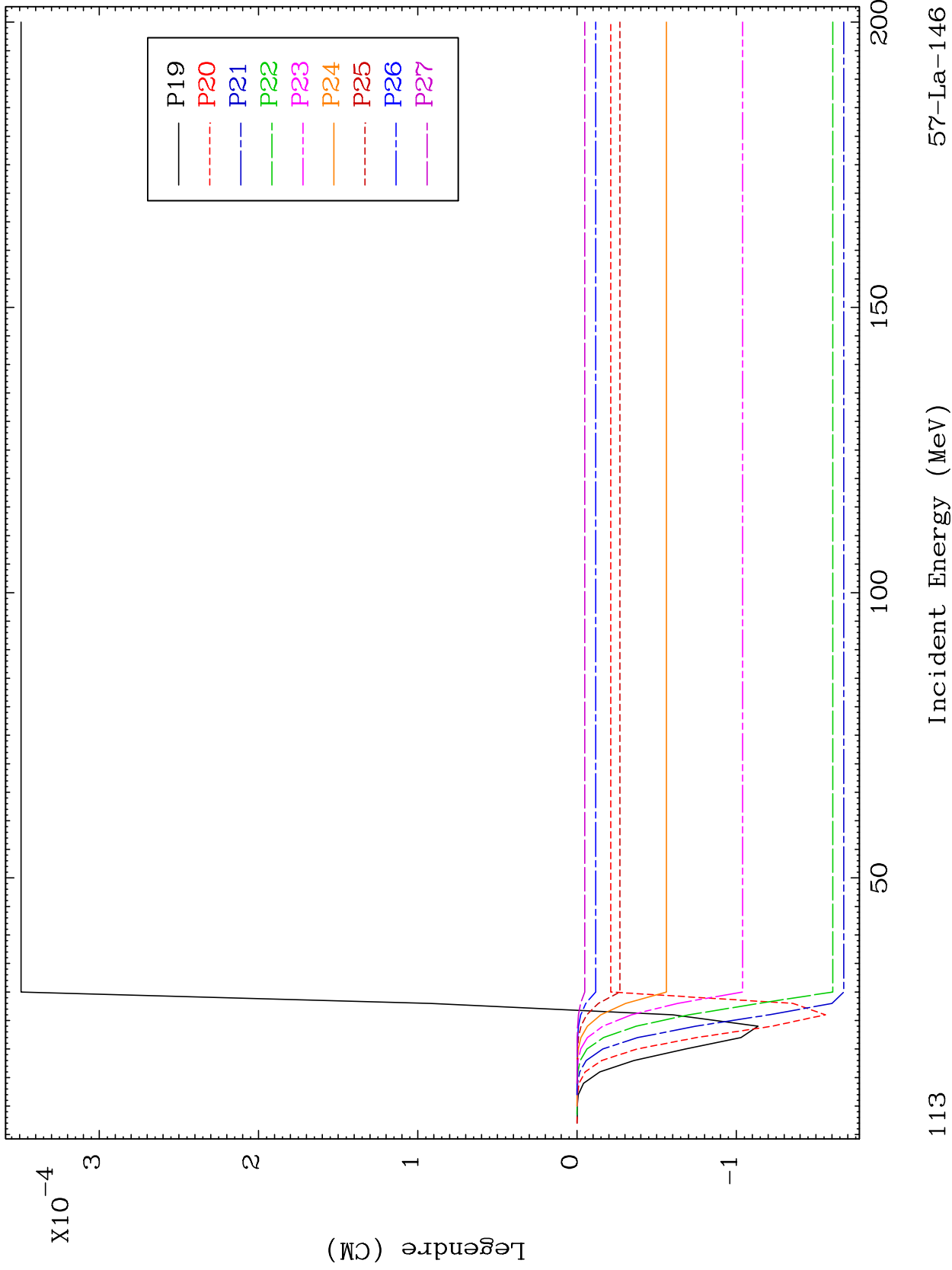
Incident Energy (MeV)

112

MAT 5749

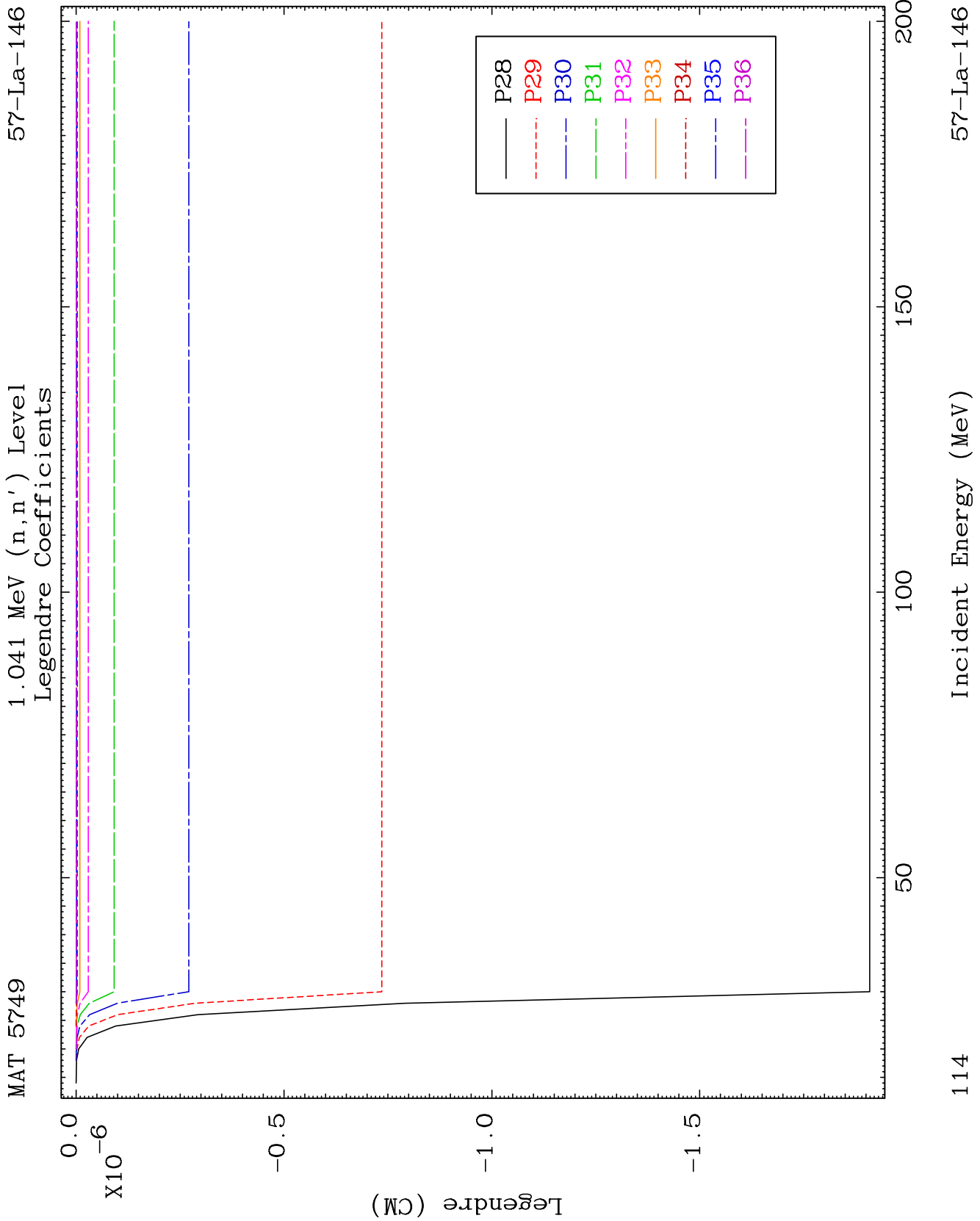
1.041 MeV (n,n') Level
Legendre Coefficients

57-La-146



113

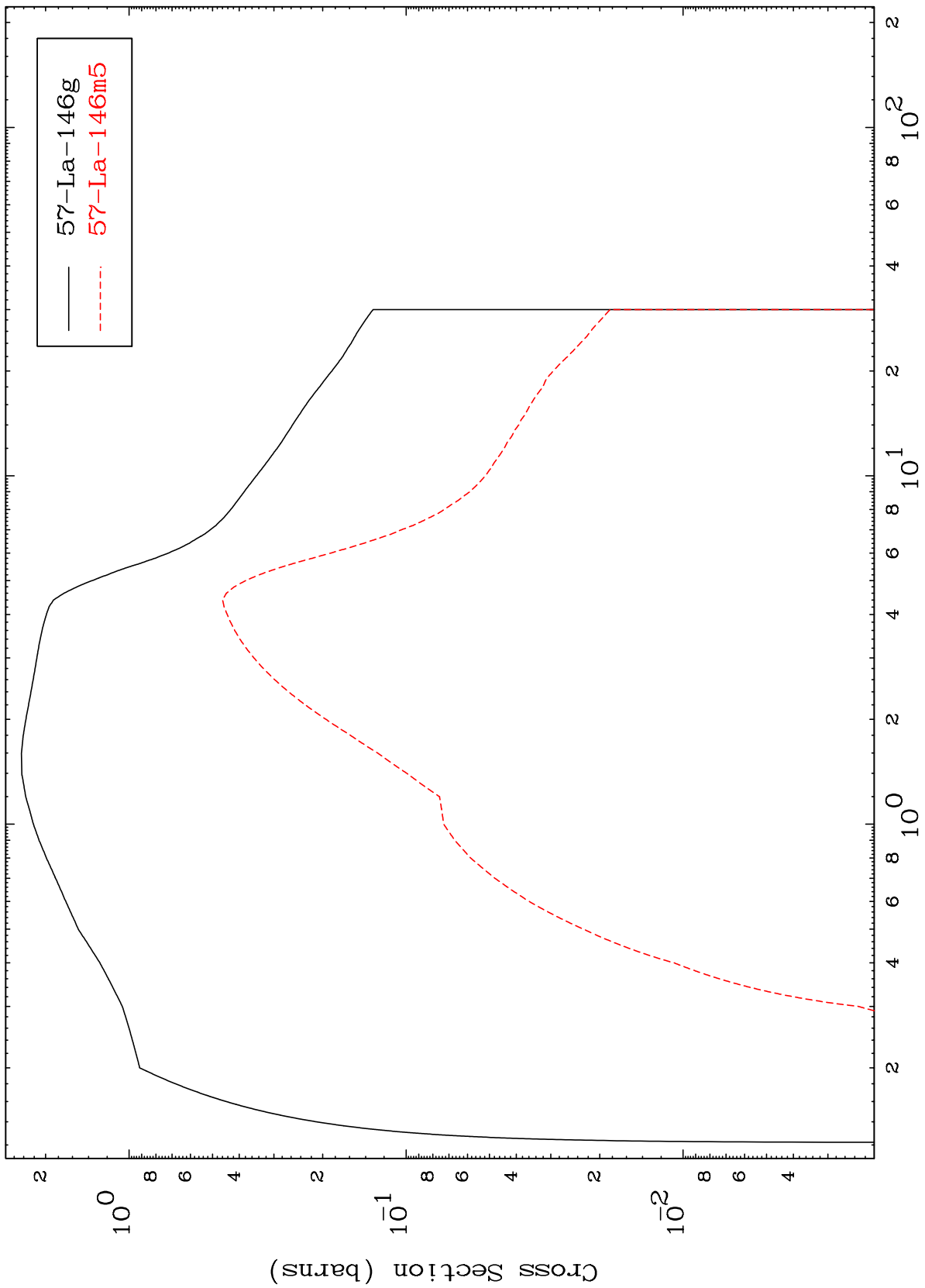
57-La-146



MAT 5749

57-La-146

Inelastic
Radionuclide Production Cross Section



57-La-146g
57-La-146m5

115

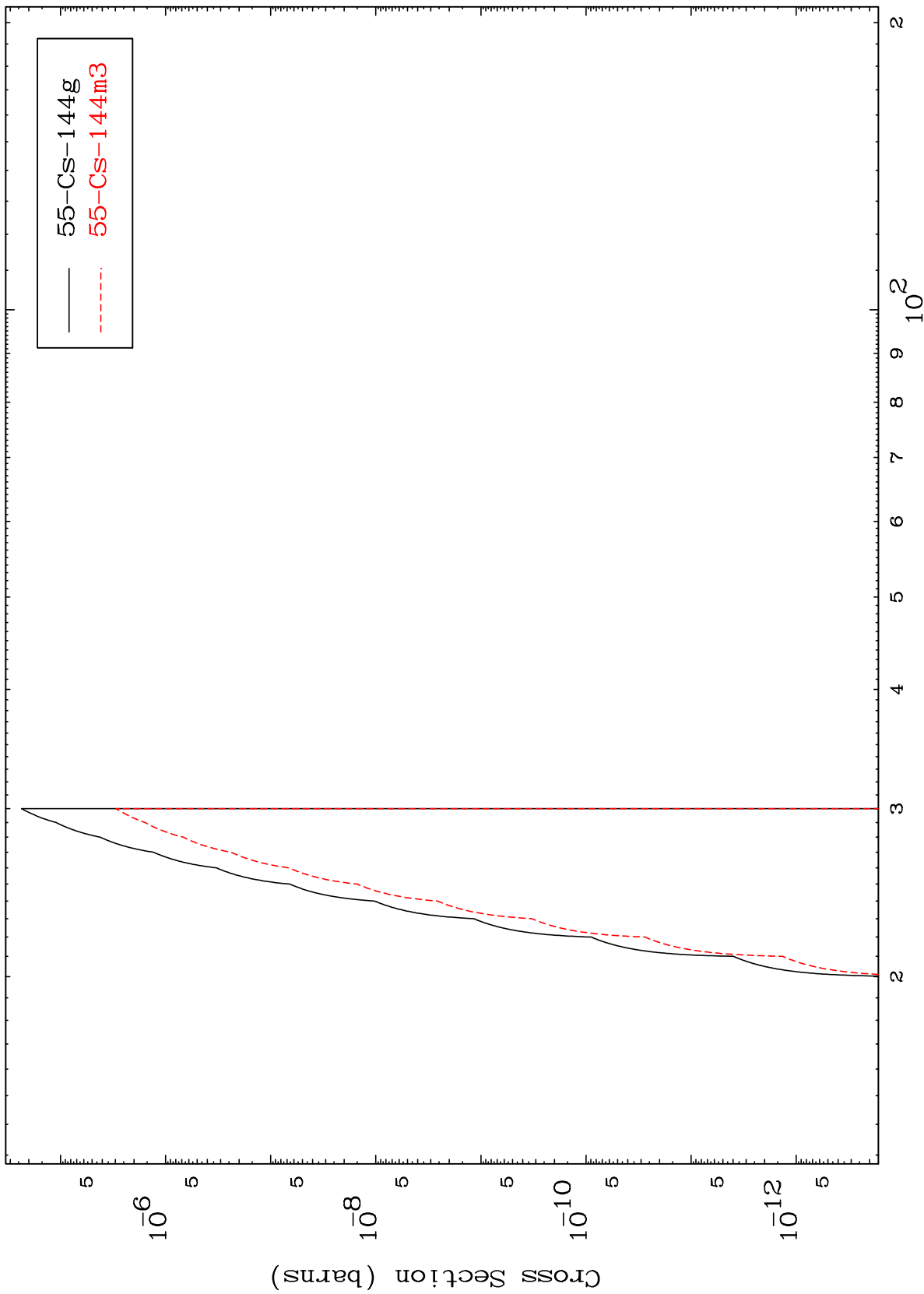
Incident Energy (MeV)

57-La-146

MAT 5749

57-La-146

(n,He-3)
Radionuclide Production Cross Section



116

57-La-146

Incident Energy (MeV)