

Program EVALPLOT
(Version 2015-2)

by

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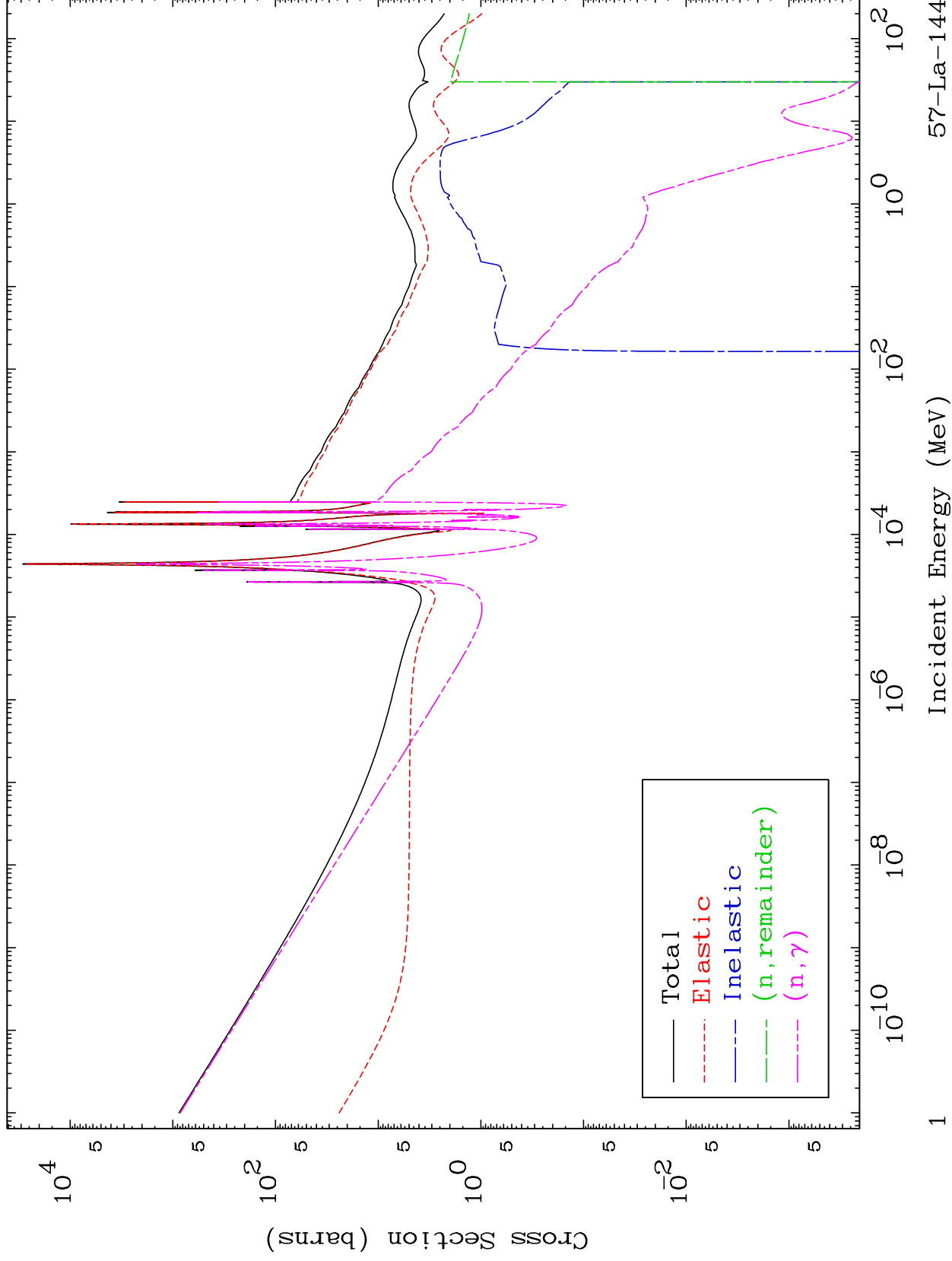
Press Mouse Button to Start

MAT 5743

Major

293 Kelvin Cross Sections

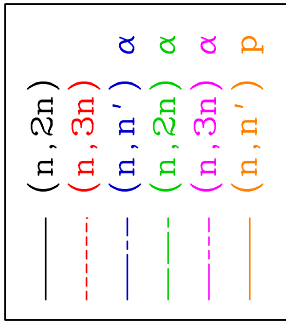
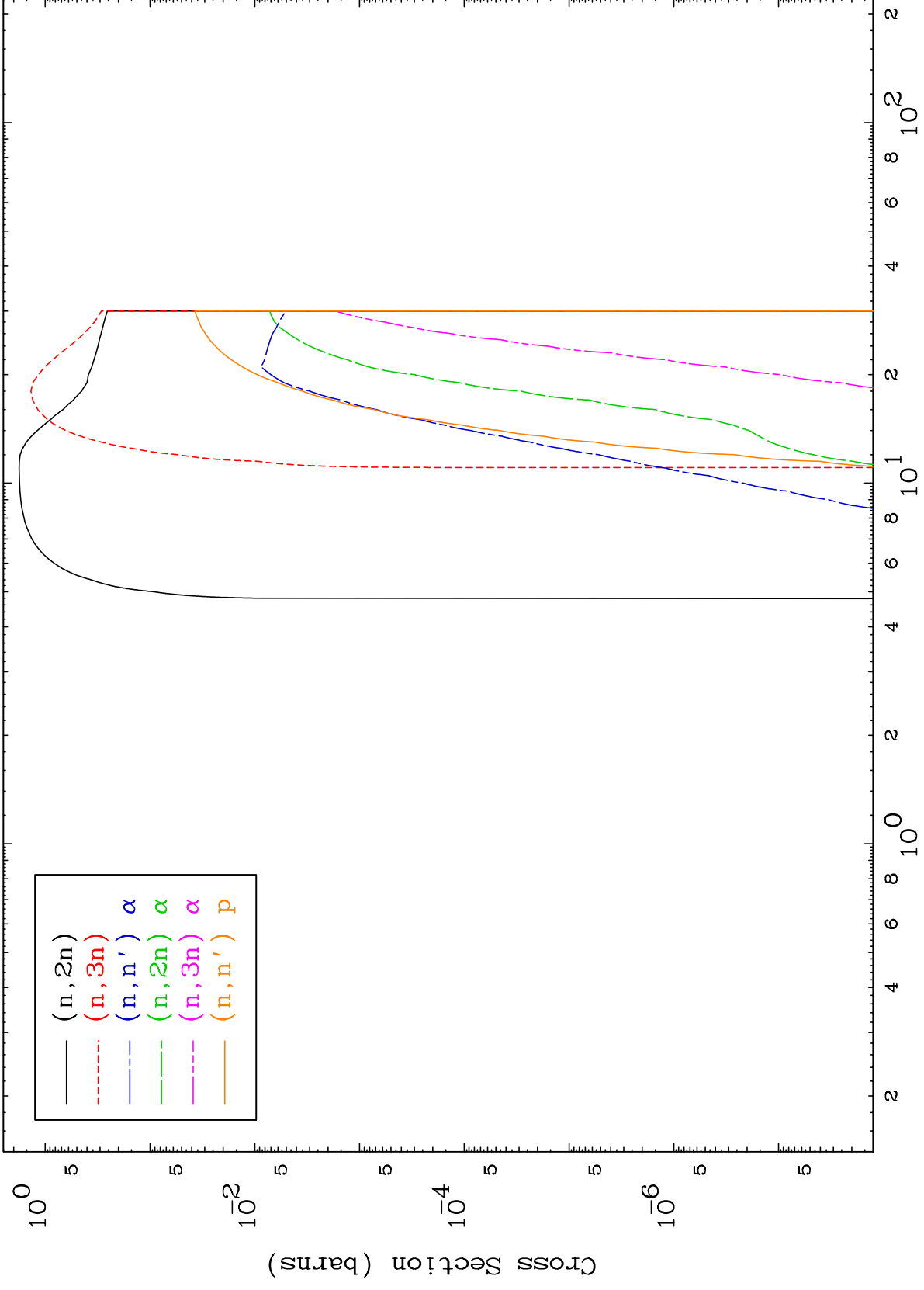
57-La-144



MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



57-La-144

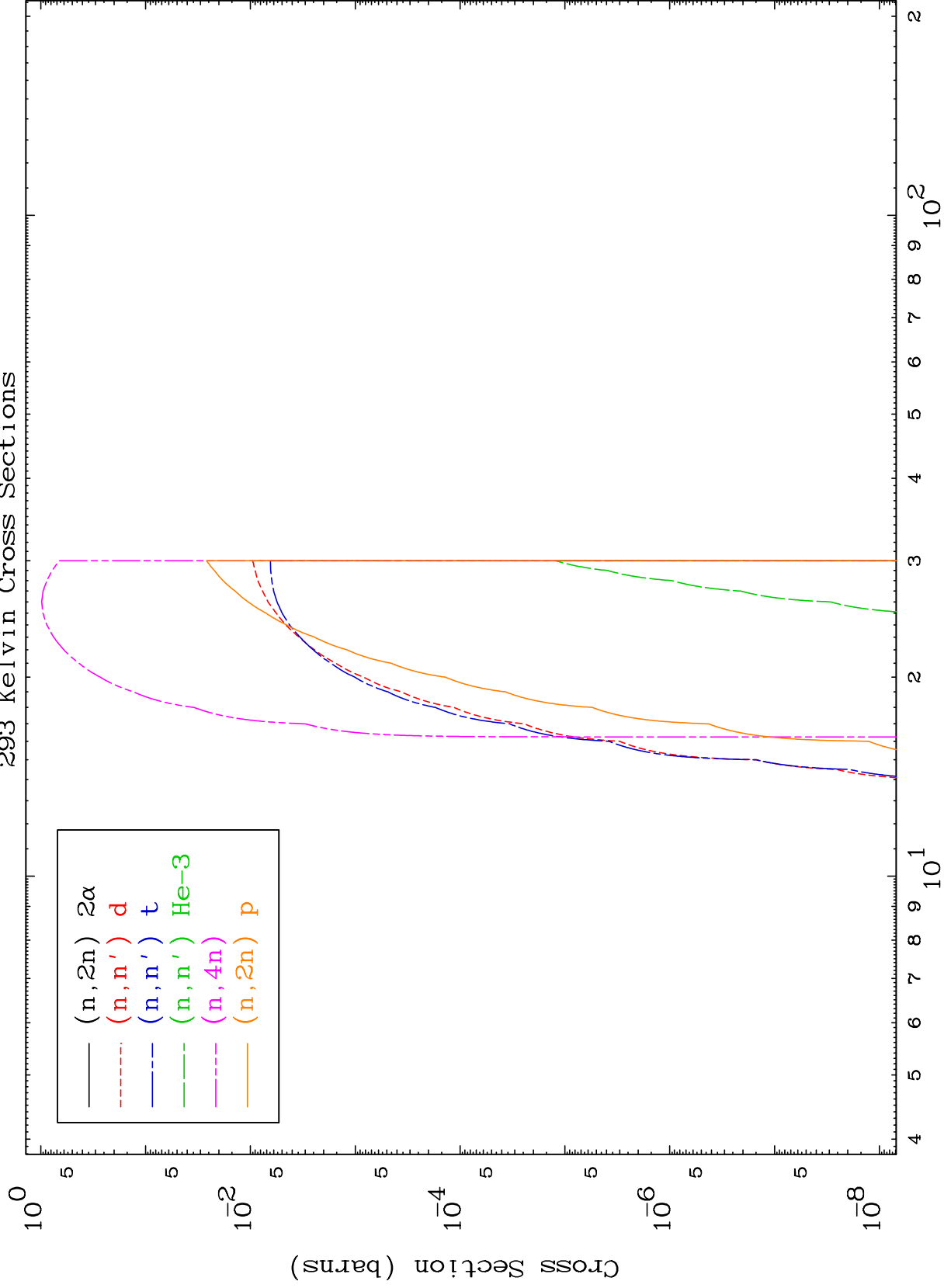
Incident Energy (MeV)

2

MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



3

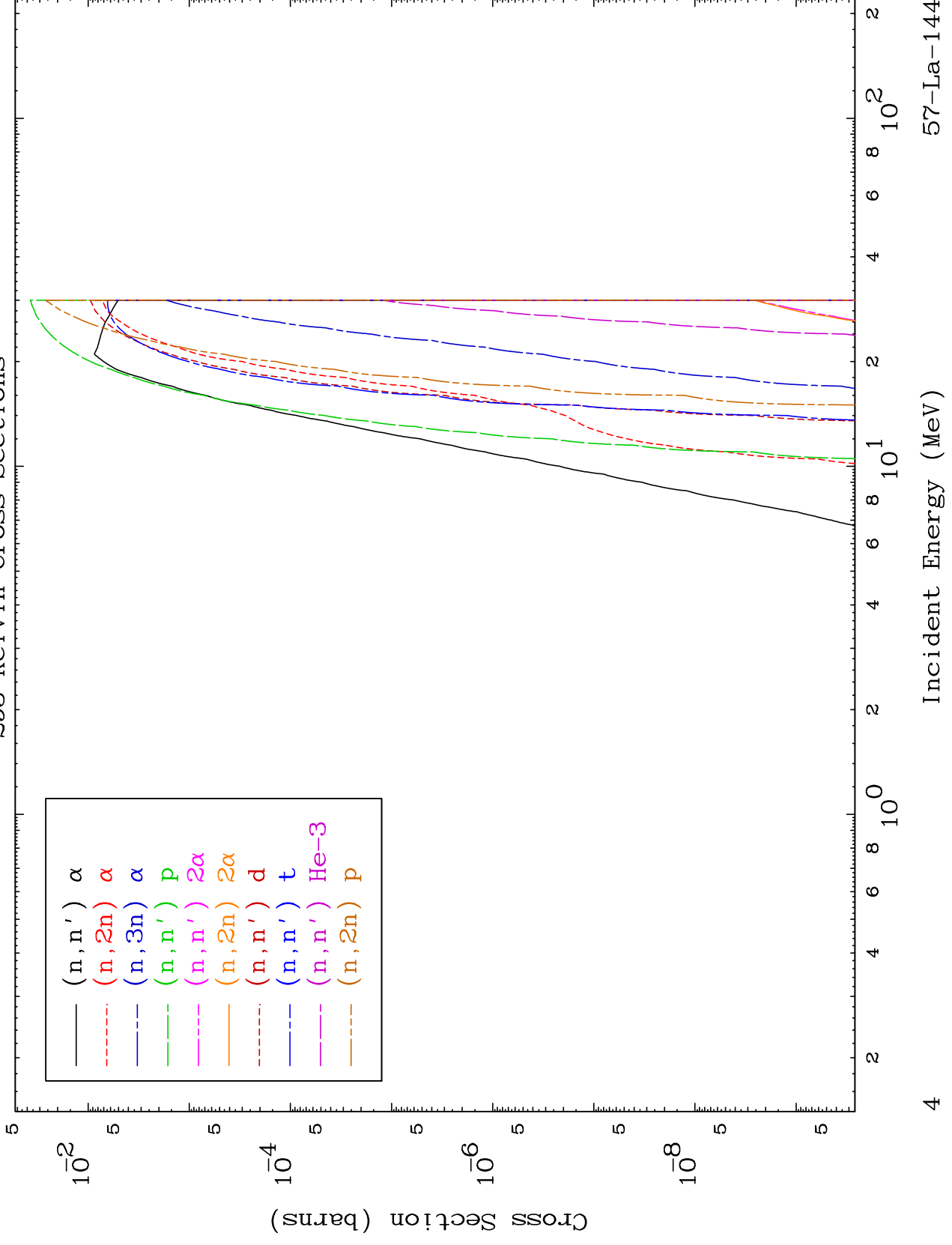
Incident Energy (MeV)

57-La-144

MAT 5743

Charged Particle
293 Kelvin Cross Sections

57-La-144



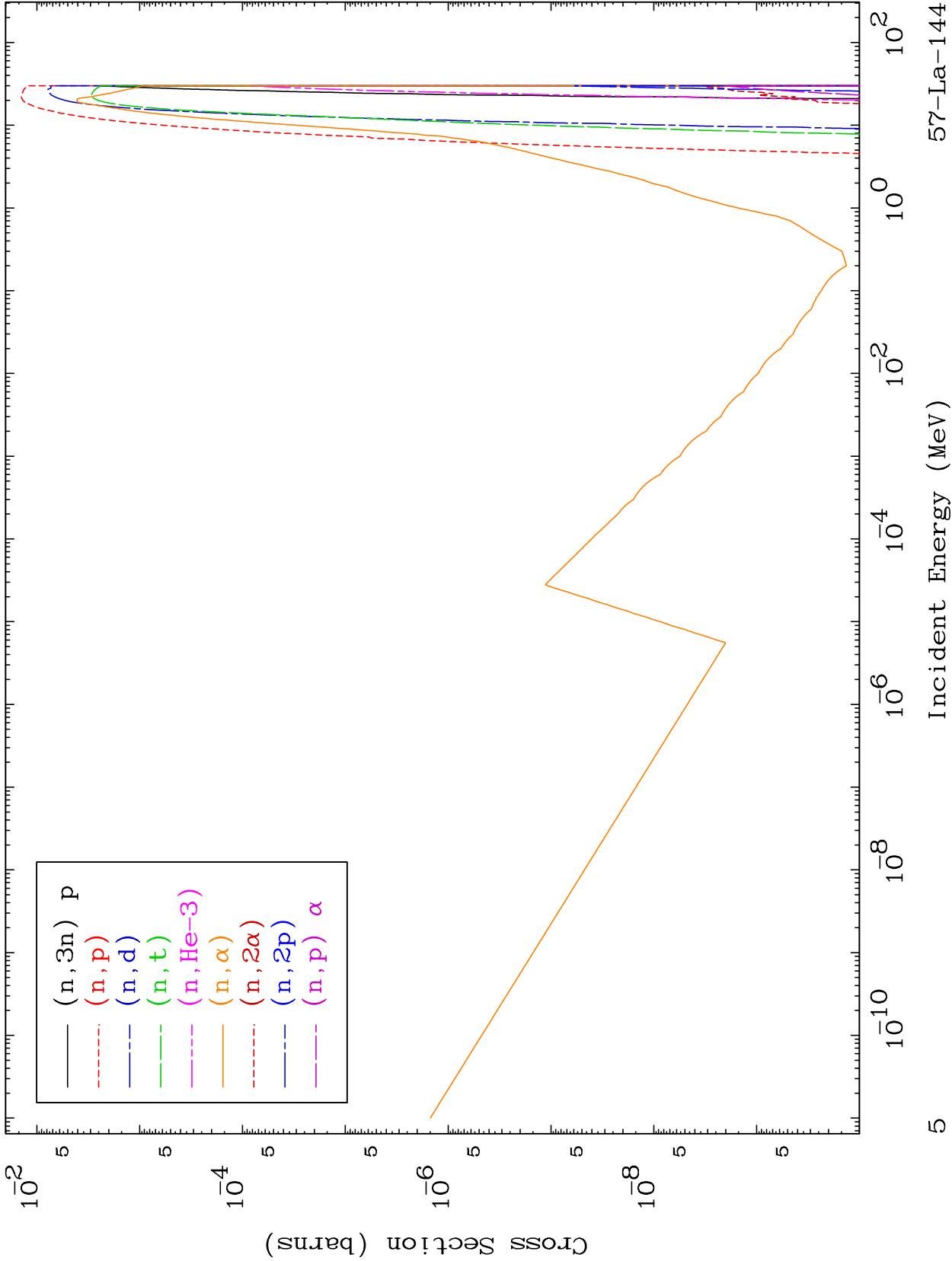
57-La-144

Incident Energy (MeV)

MAT 5743

Charged Particle
293 Kelvin Cross Sections

57-La-144



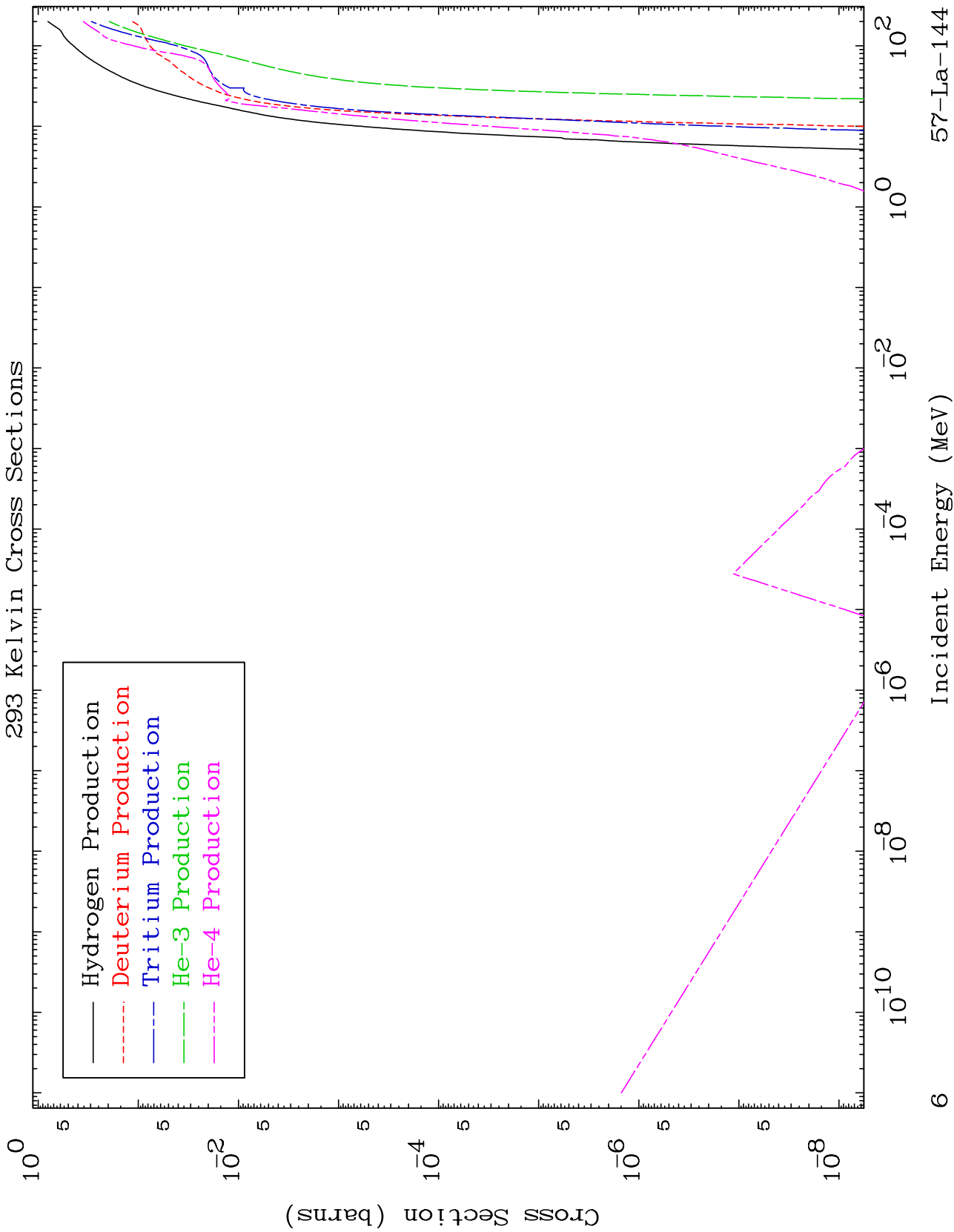
5

57-La-144

MAT 5743

Particle Production
293 Kelvin Cross Sections

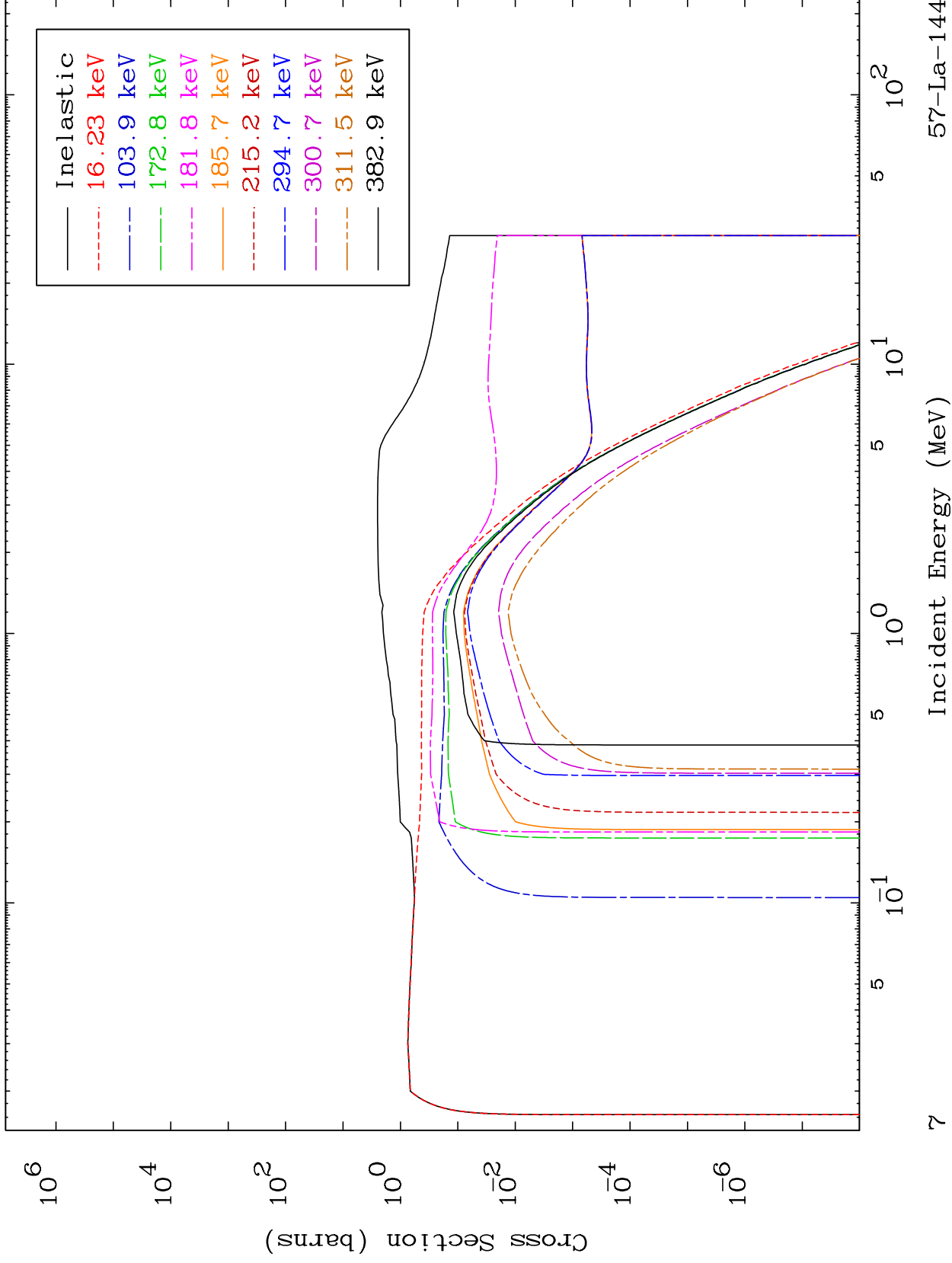
57-La-144



MAT 5743

(n,n') Level
293 Kelvin Cross Sections

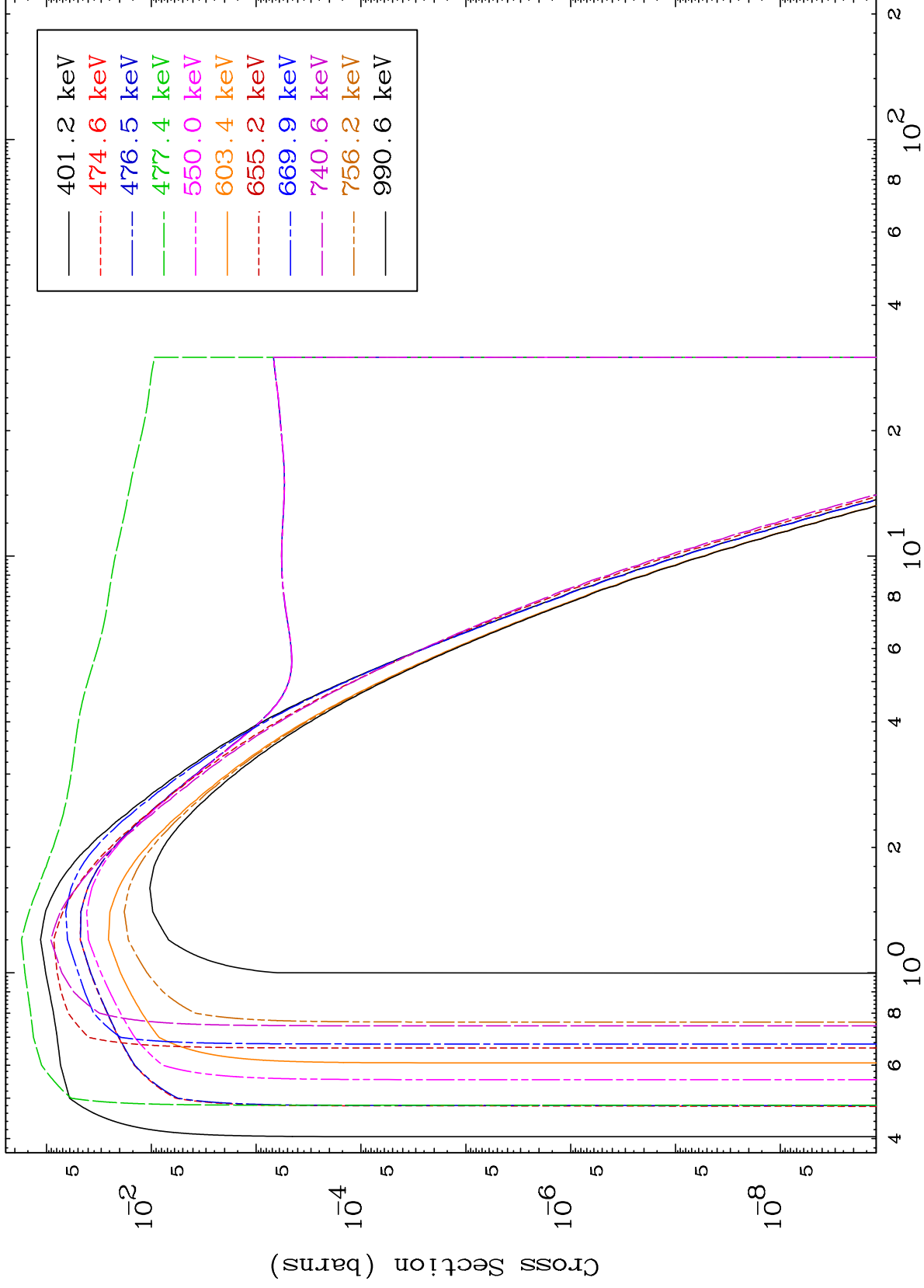
57-La-144



MAT 5743

(n,n') Level
293 Kelvin Cross Sections

57-La-144



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Incident Energy (MeV)

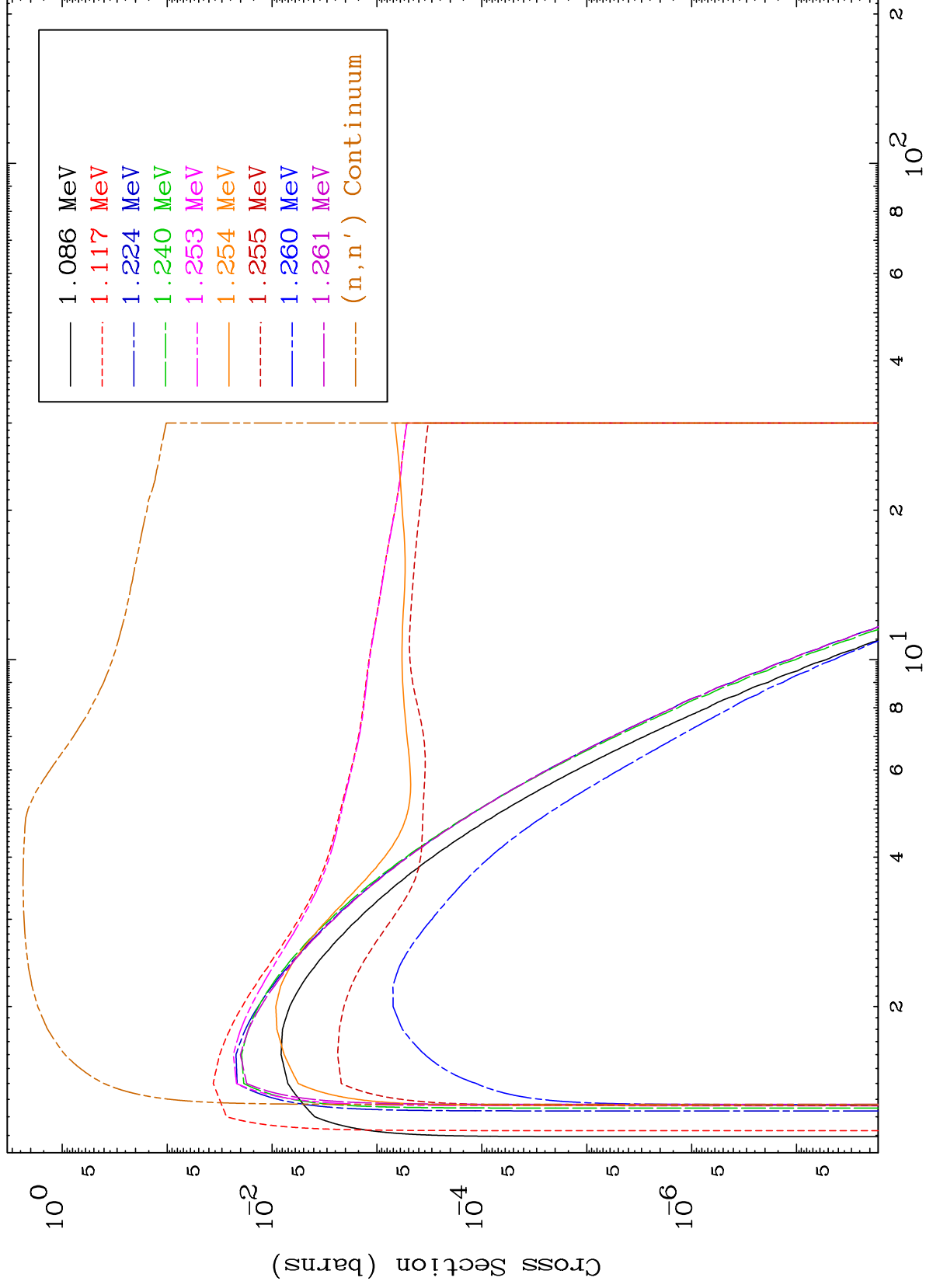
57-La-144

MAT 5743

(n,n') Level

57-La-144

293 Kelvin Cross Sections



9

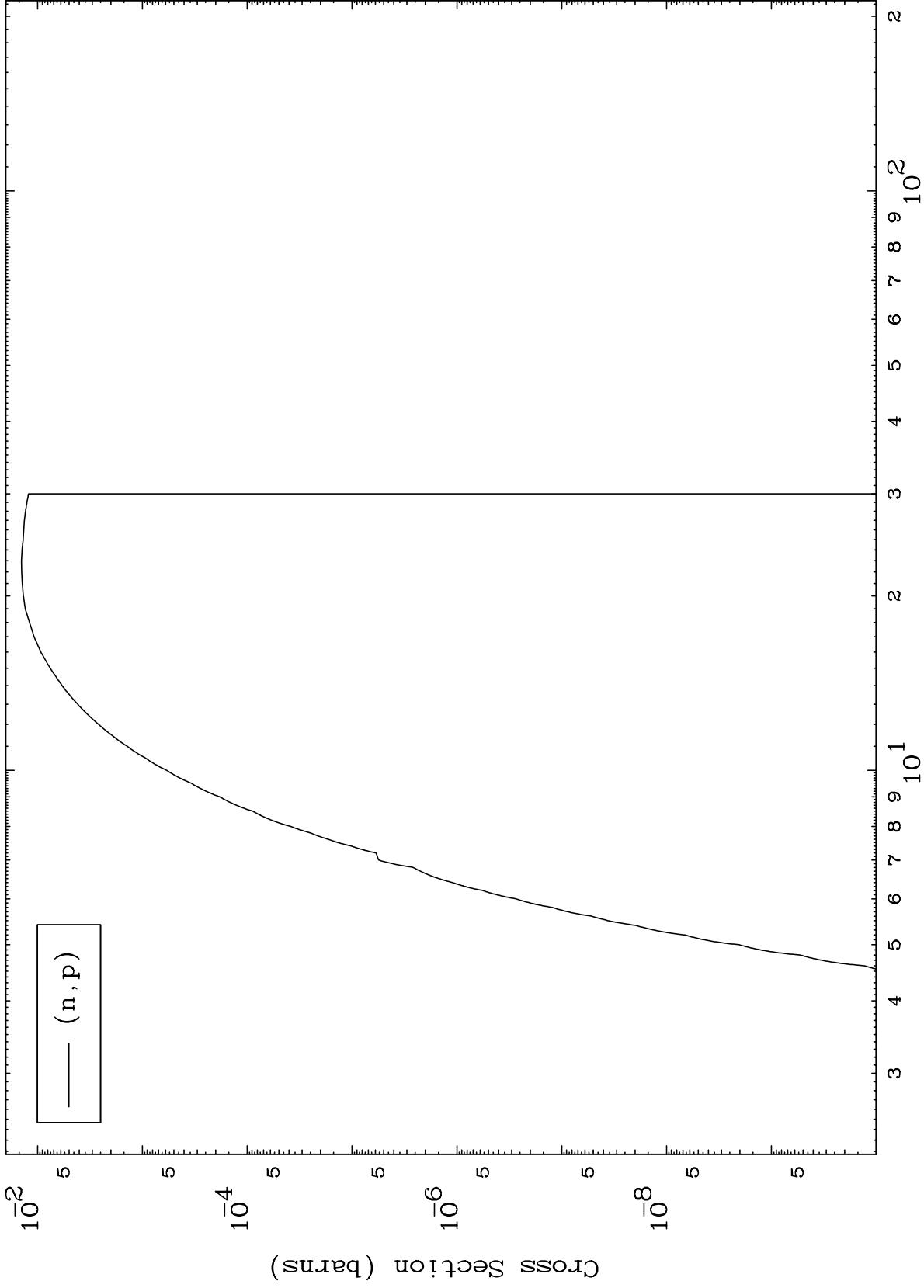
Incident Energy (MeV)

57-La-144

MAT 5743

(n,p) Levels
293 Kelvin Cross Sections

57-La-144



10

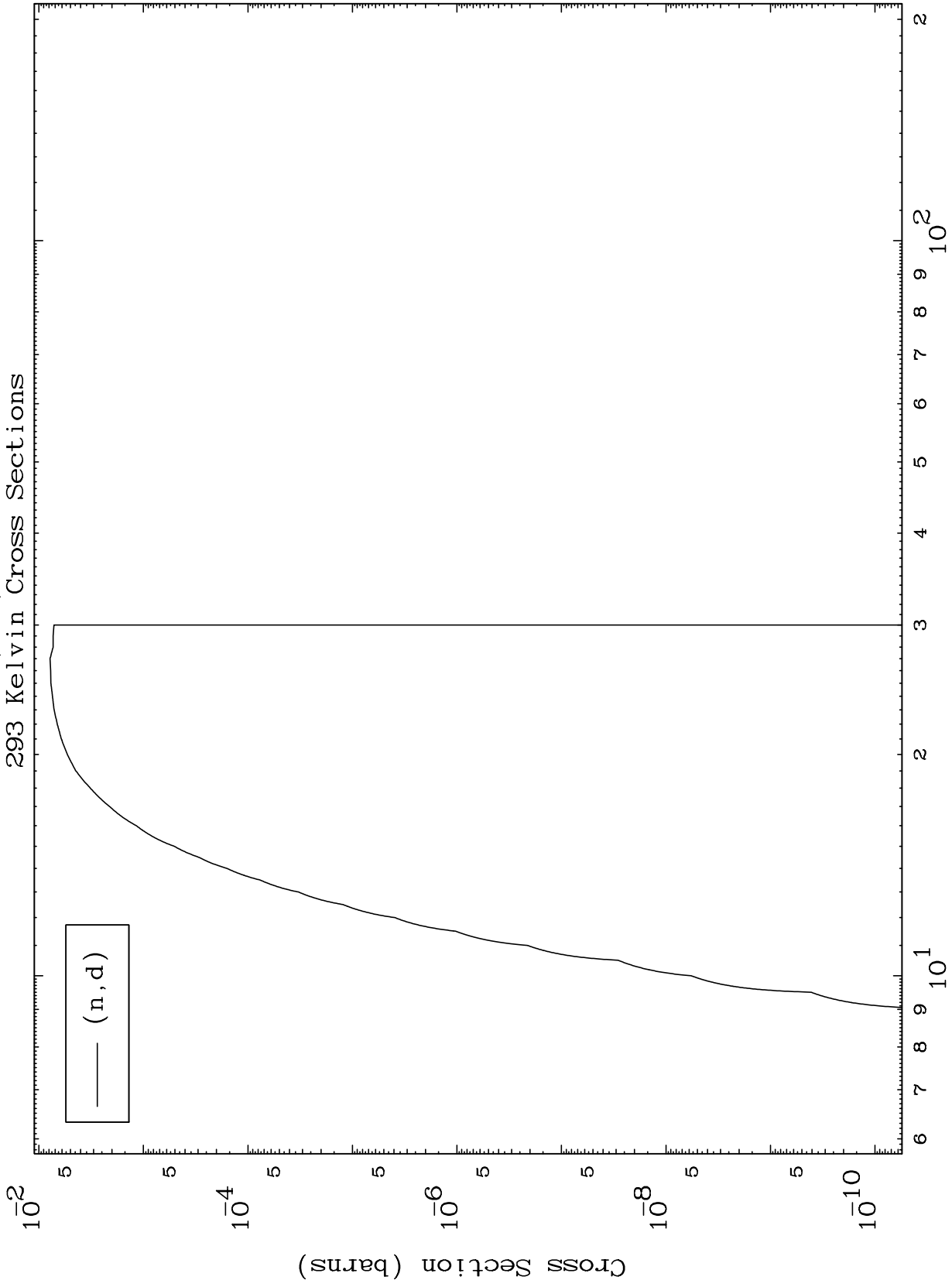
Incident Energy (MeV)

57-La-144

MAT 5743

(n,d) Levels
293 Kelvin Cross Sections

57-La-144



11

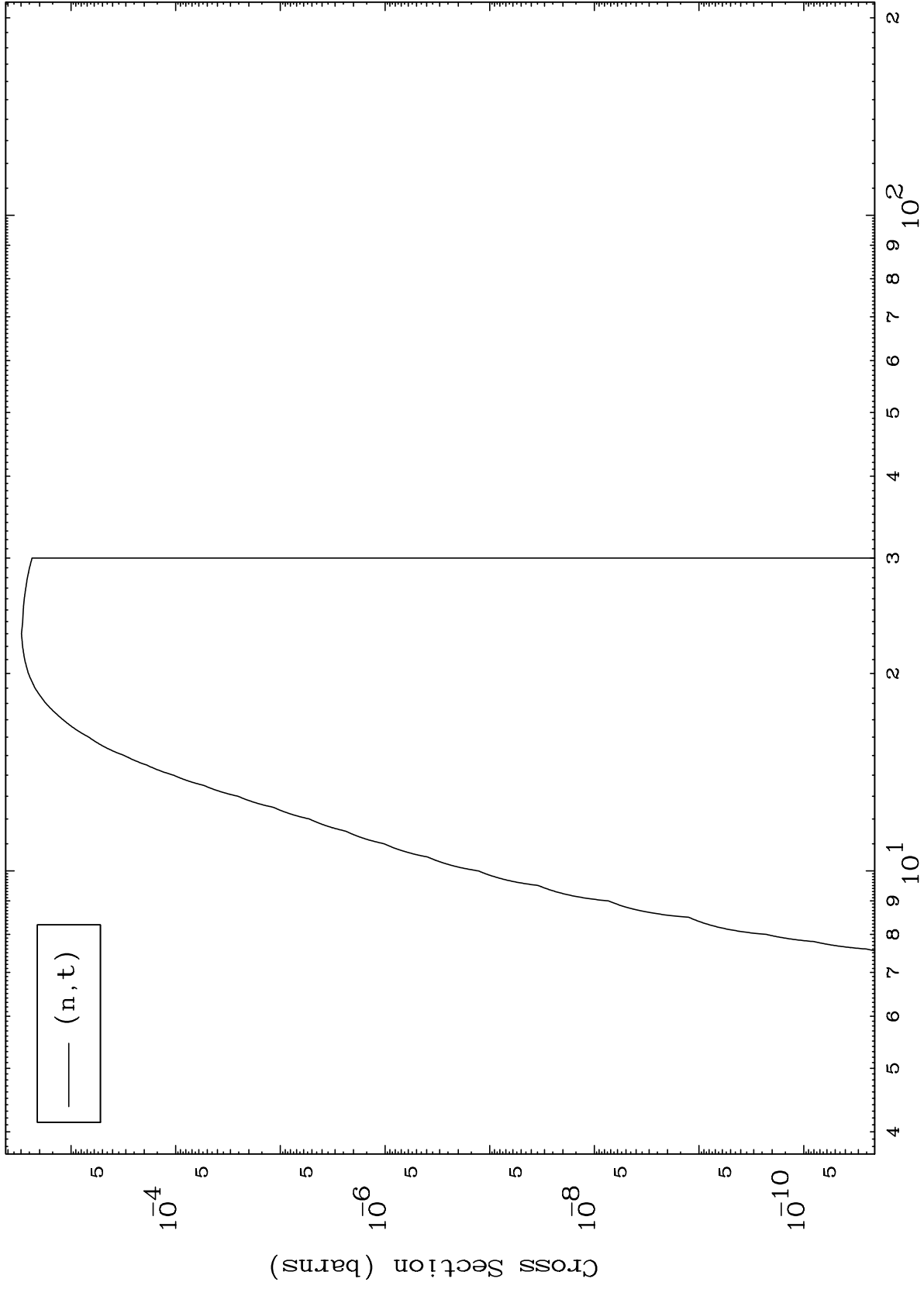
Incident Energy (MeV)

57-La-144

MAT 5743

(n,t) Levels
293 Kelvin Cross Sections

57-La-144



12

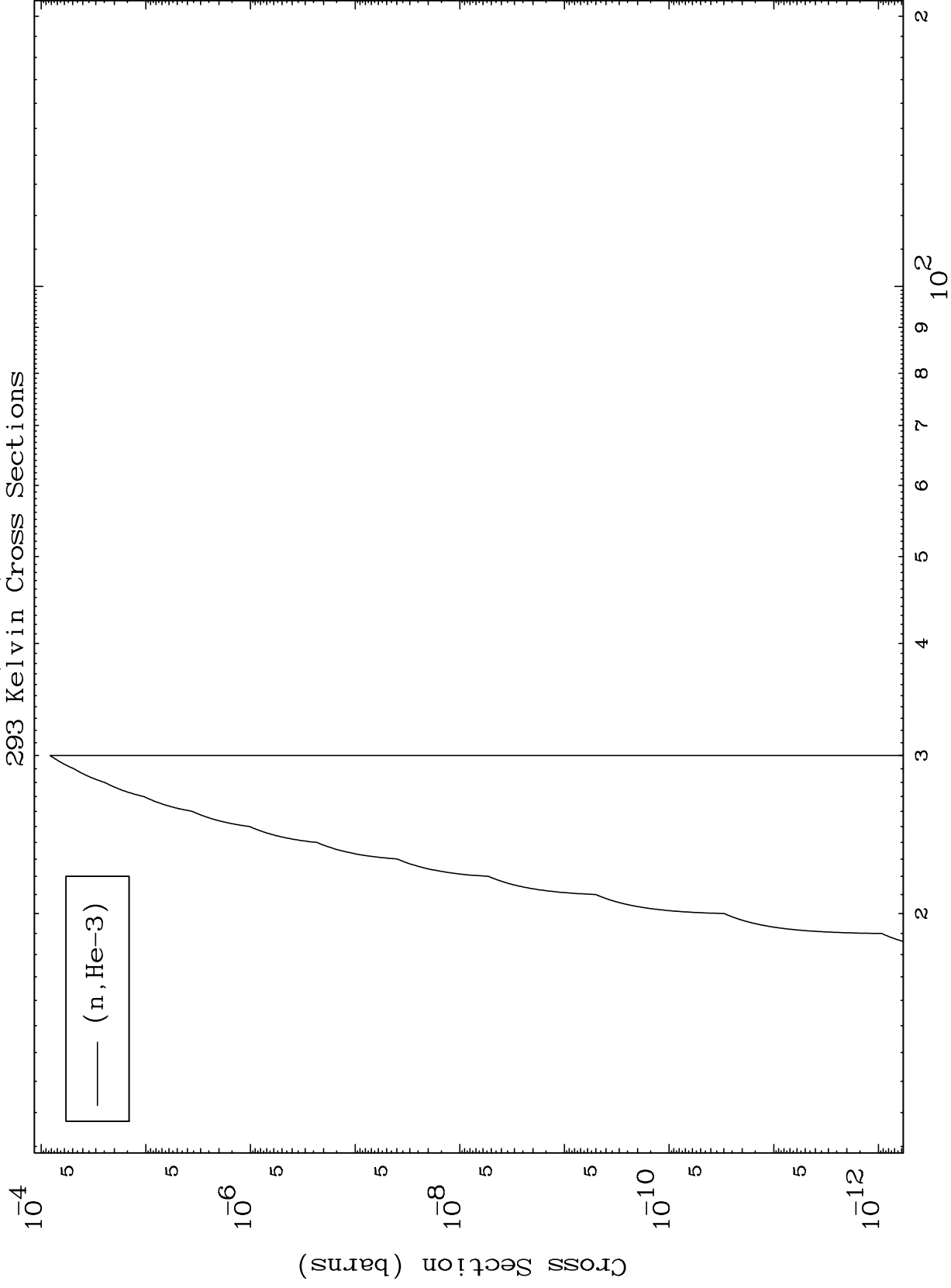
Incident Energy (MeV)

57-La-144

MAT 5743

(n,He3) Levels
293 Kelvin Cross Sections

57-La-144



13

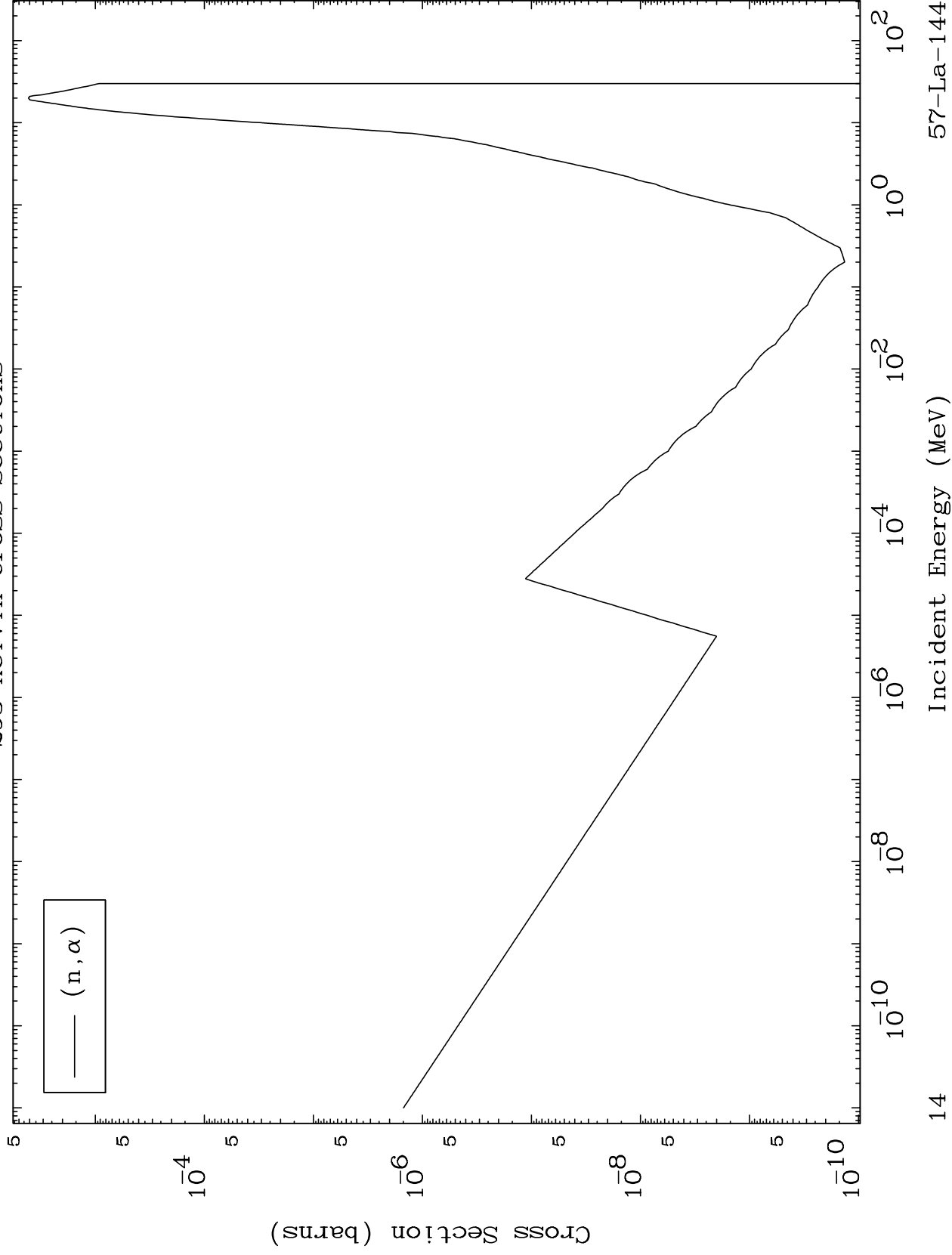
Incident Energy (MeV)

57-La-144

MAT 5743

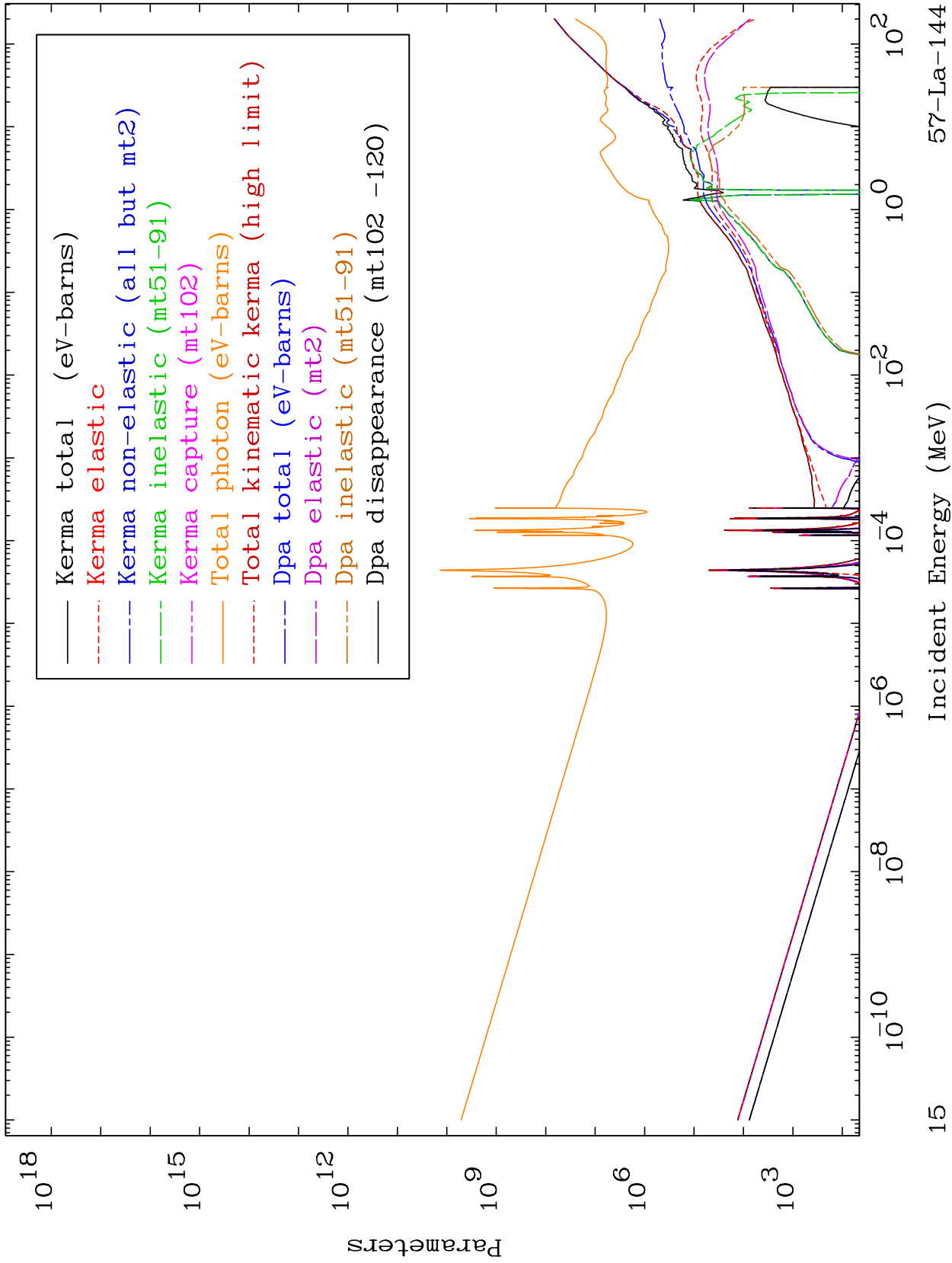
(n, α) Levels
293 Kelvin Cross Sections

57-La-144



14

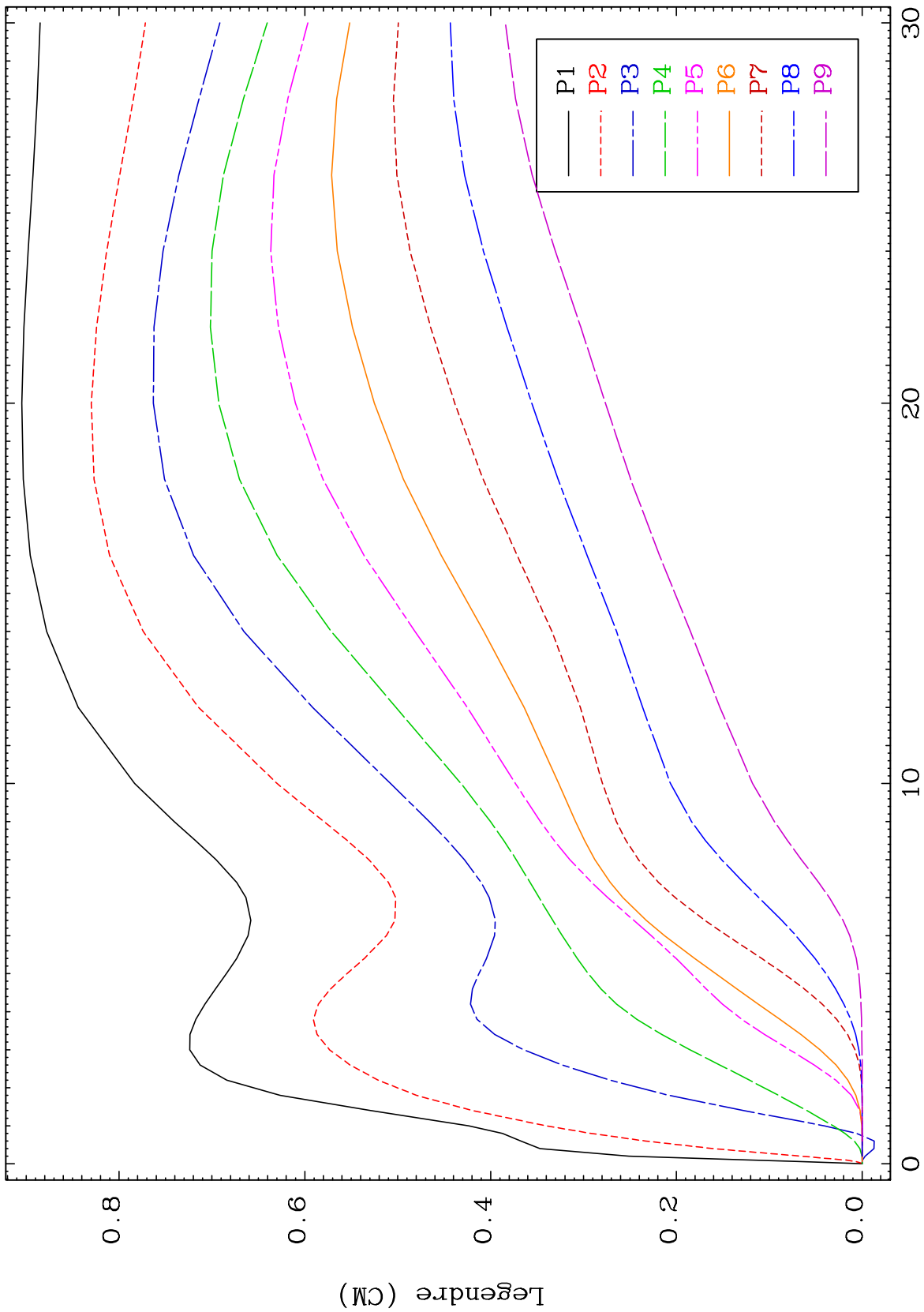
57-La-144



MAT 5743

57-La-144

Elastic Legendre Coefficients



57-La-144

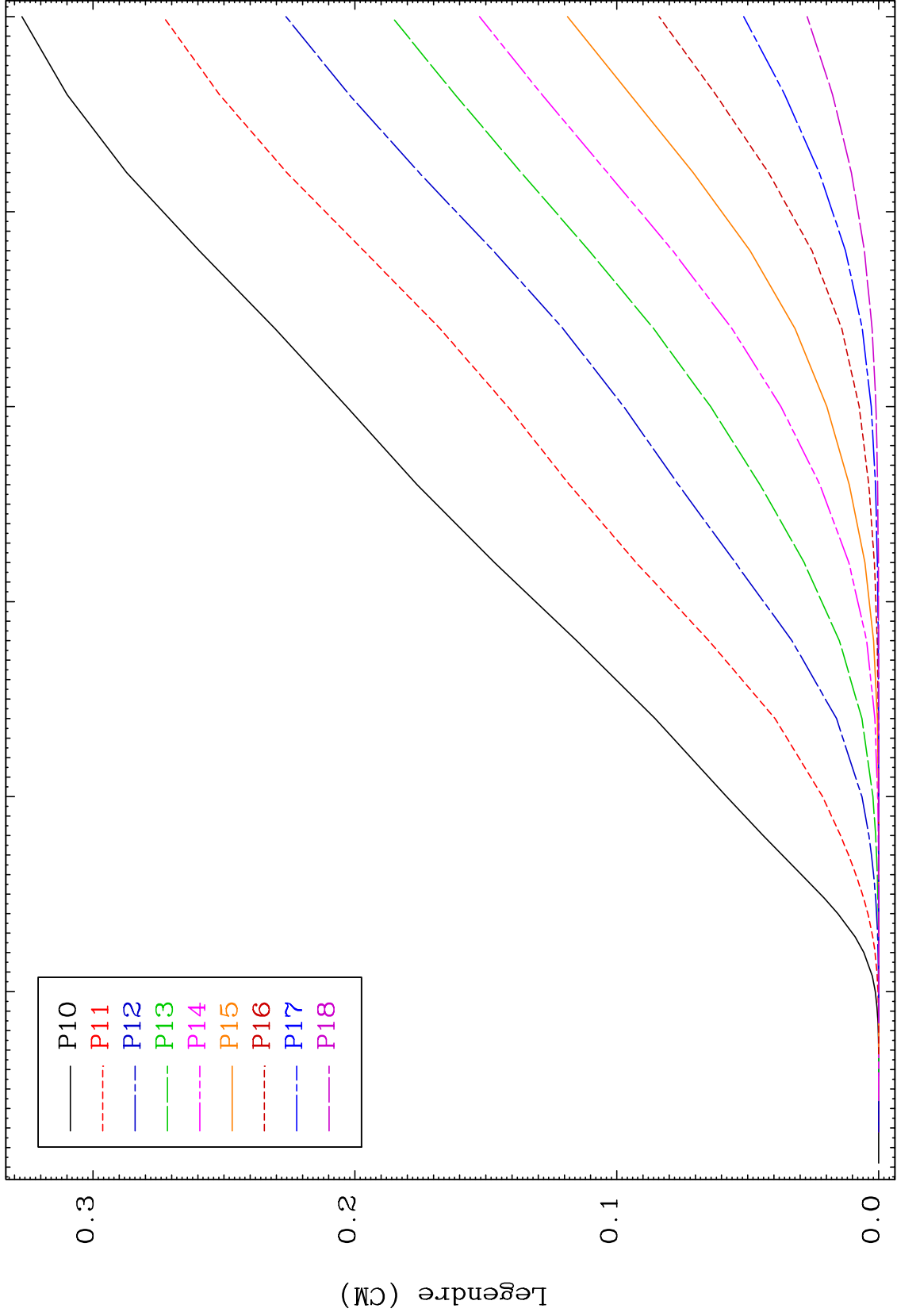
Incident Energy (MeV)

16

MAT 5743

Elastic
Legendre Coefficients

57-La-144



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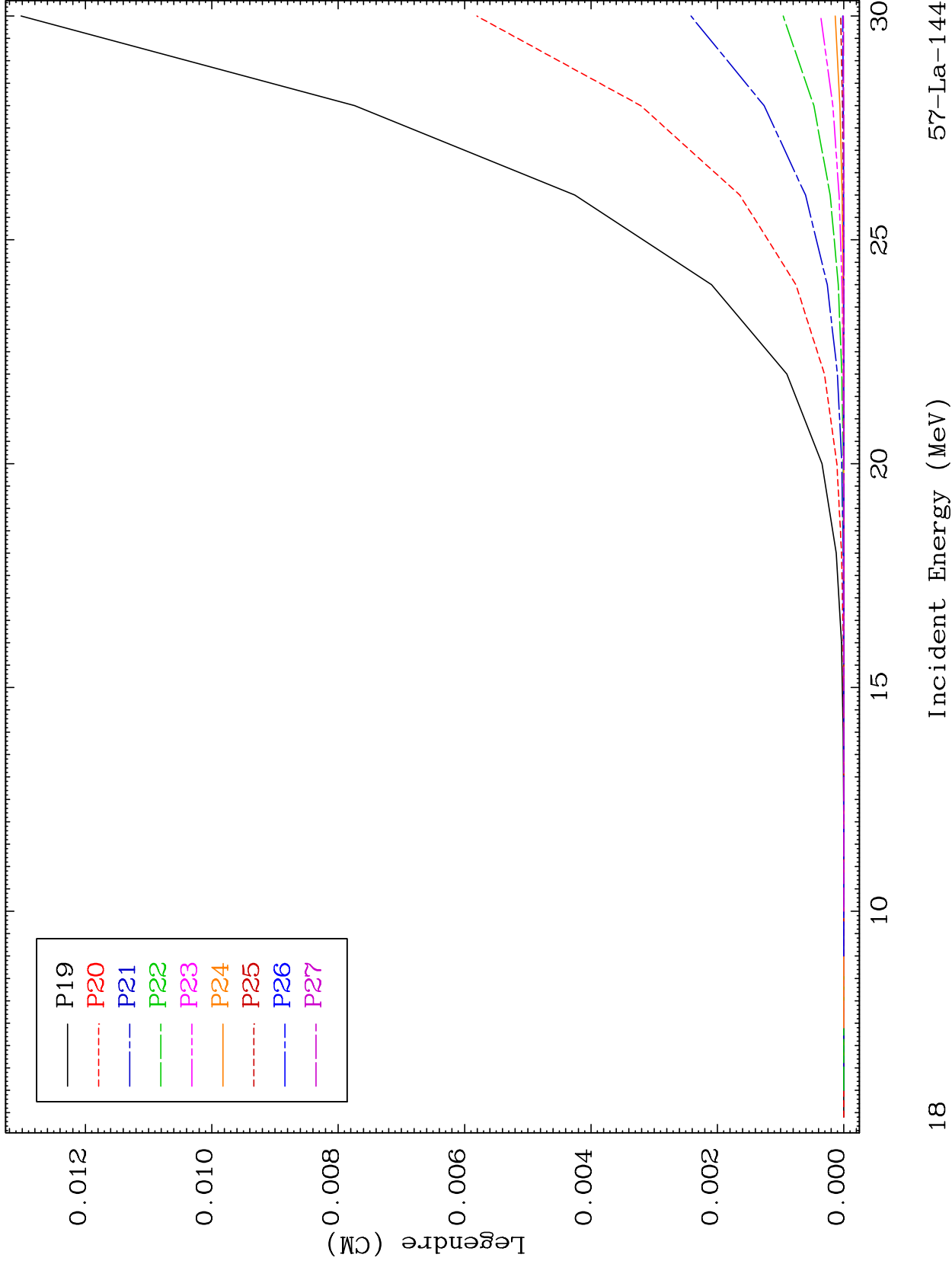
Incident Energy (MeV)

57-La-144

MAT 5743

Elastic Legendre Coefficients

57-La-144



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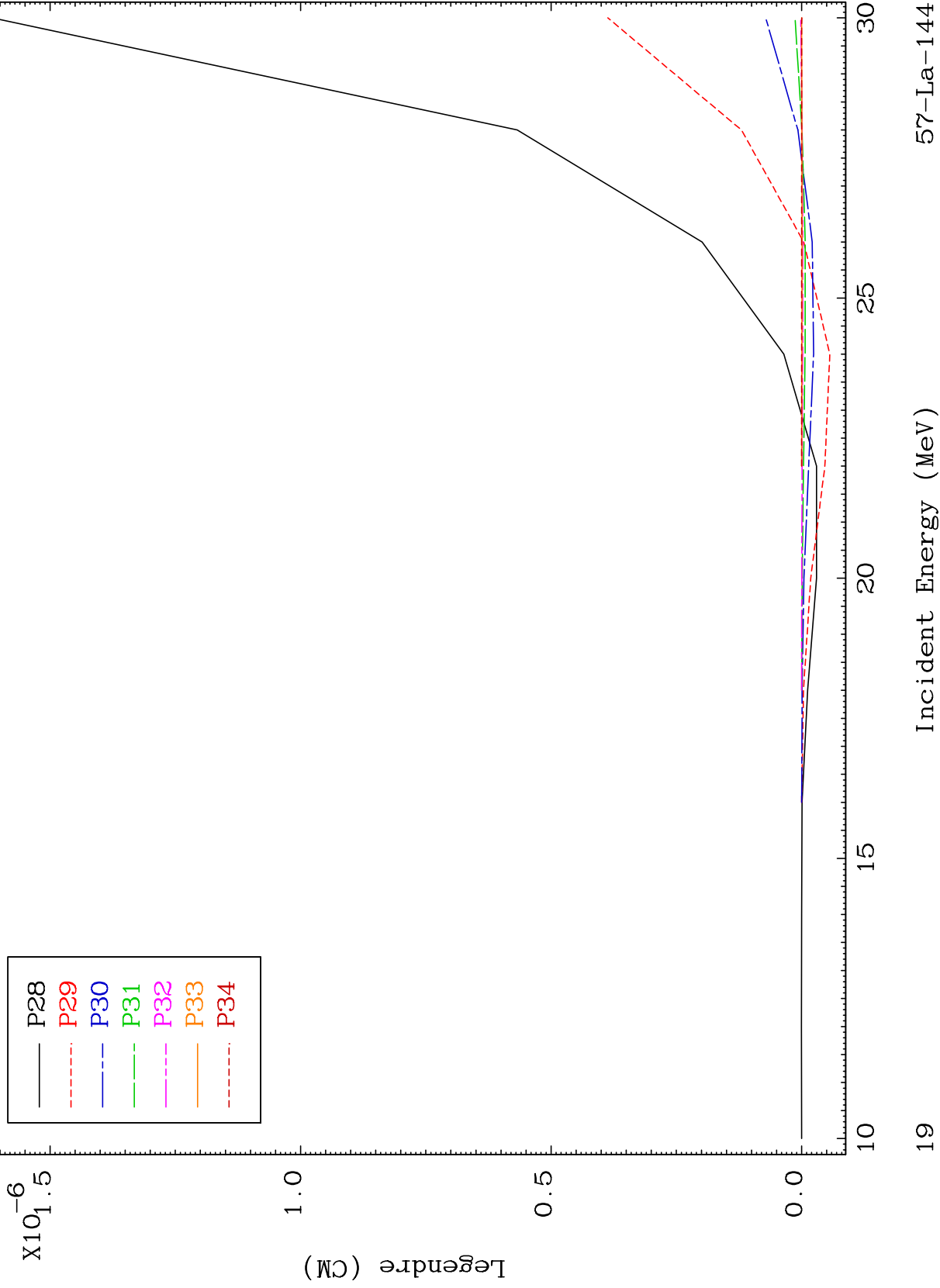
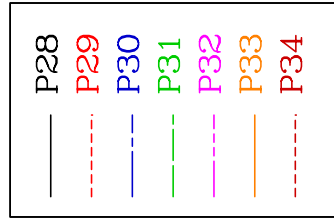
Incident Energy (MeV)

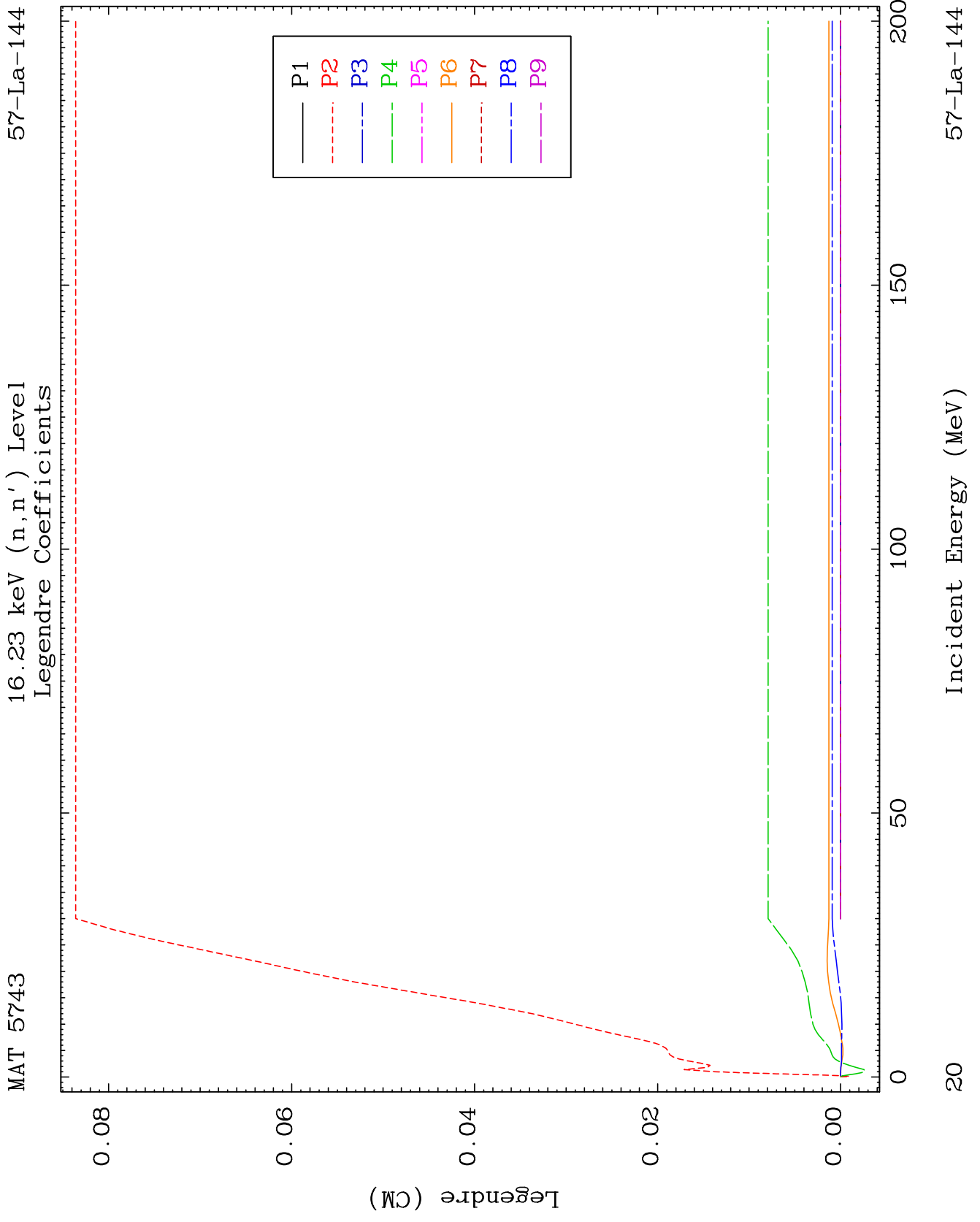
57-La-144

MAT 5743

Elastic
Legendre Coefficients

57-La-144

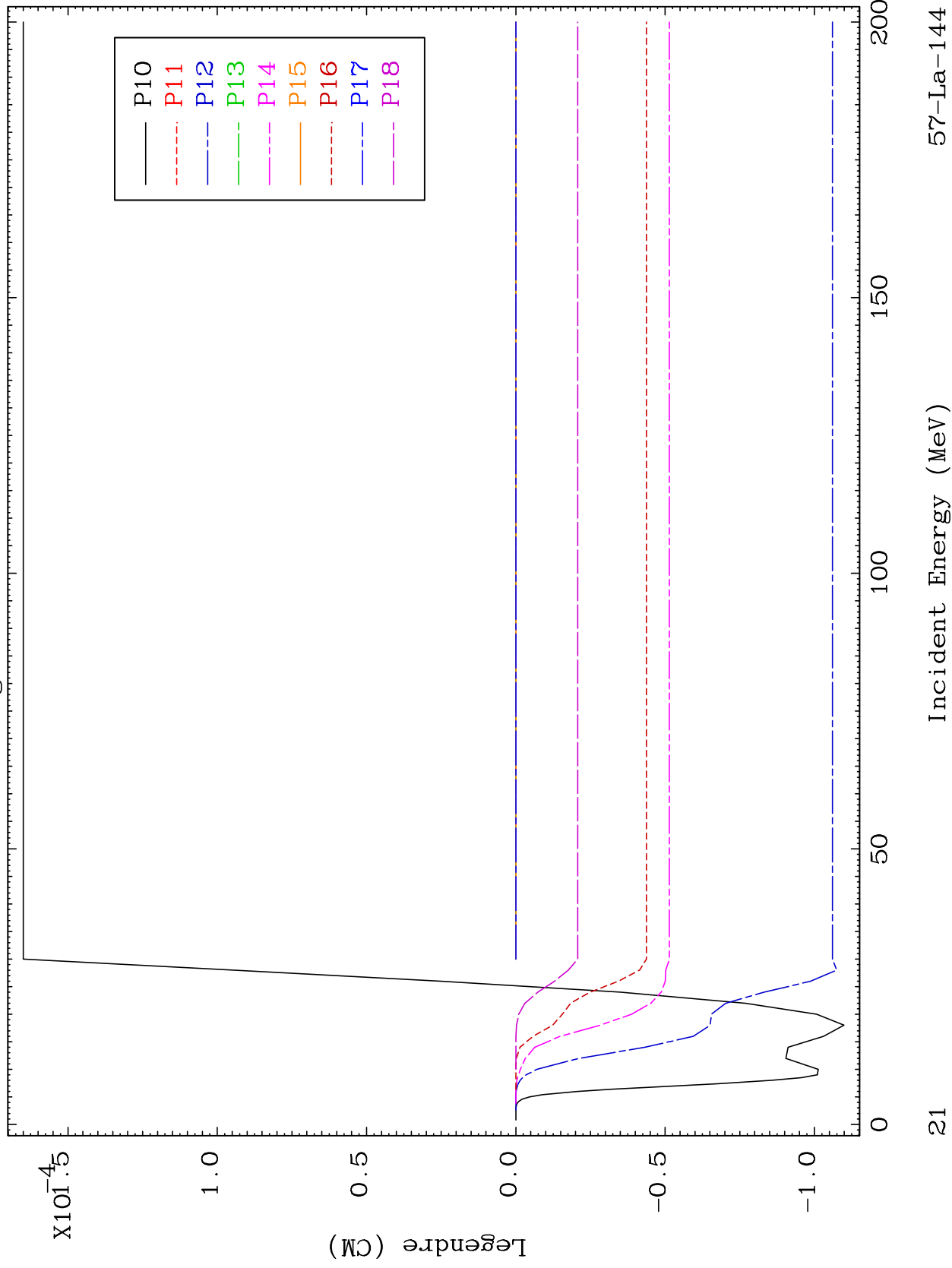




MAT 5743

16.23 keV (n,n') Level
Legendre Coefficients

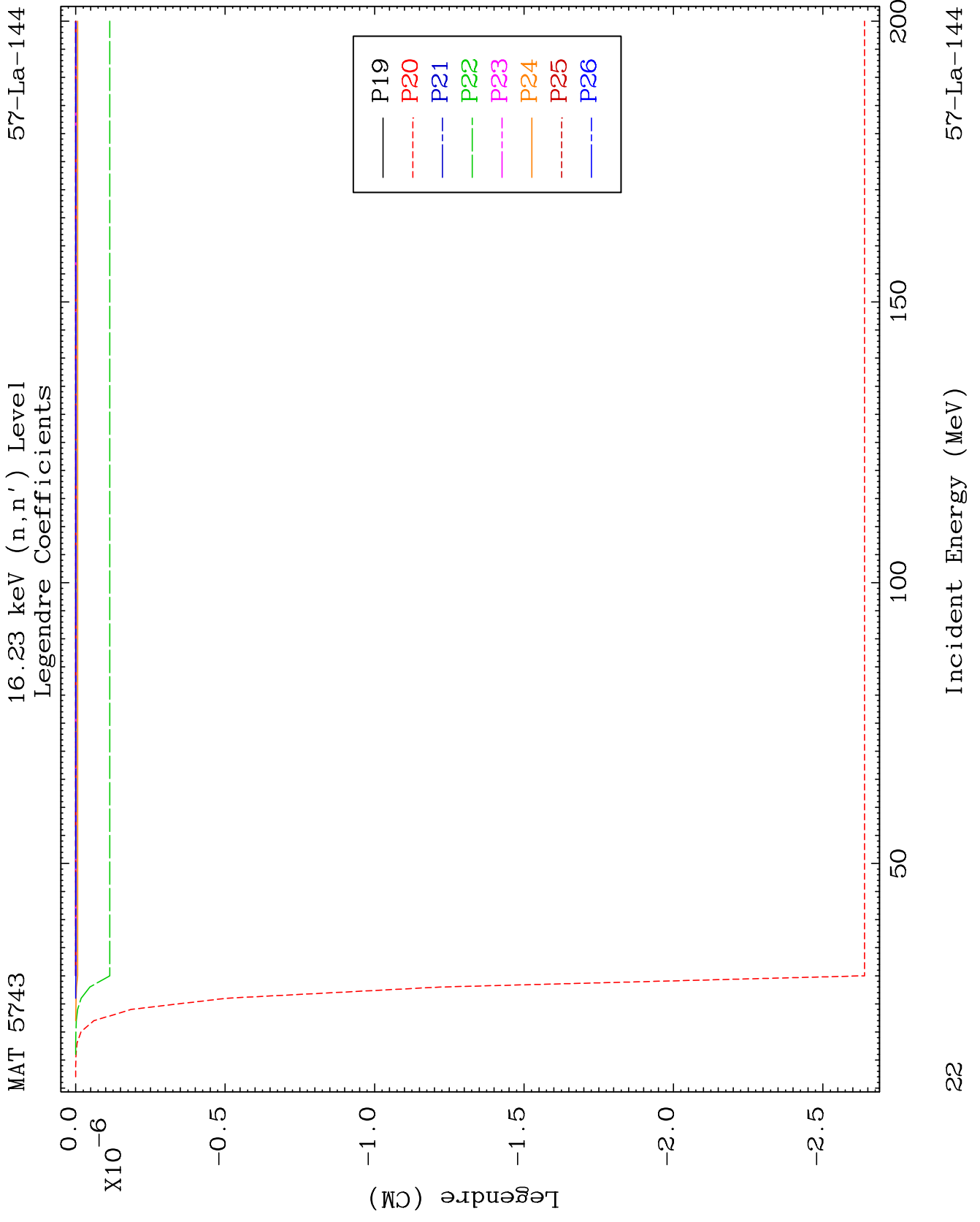
57-La-144

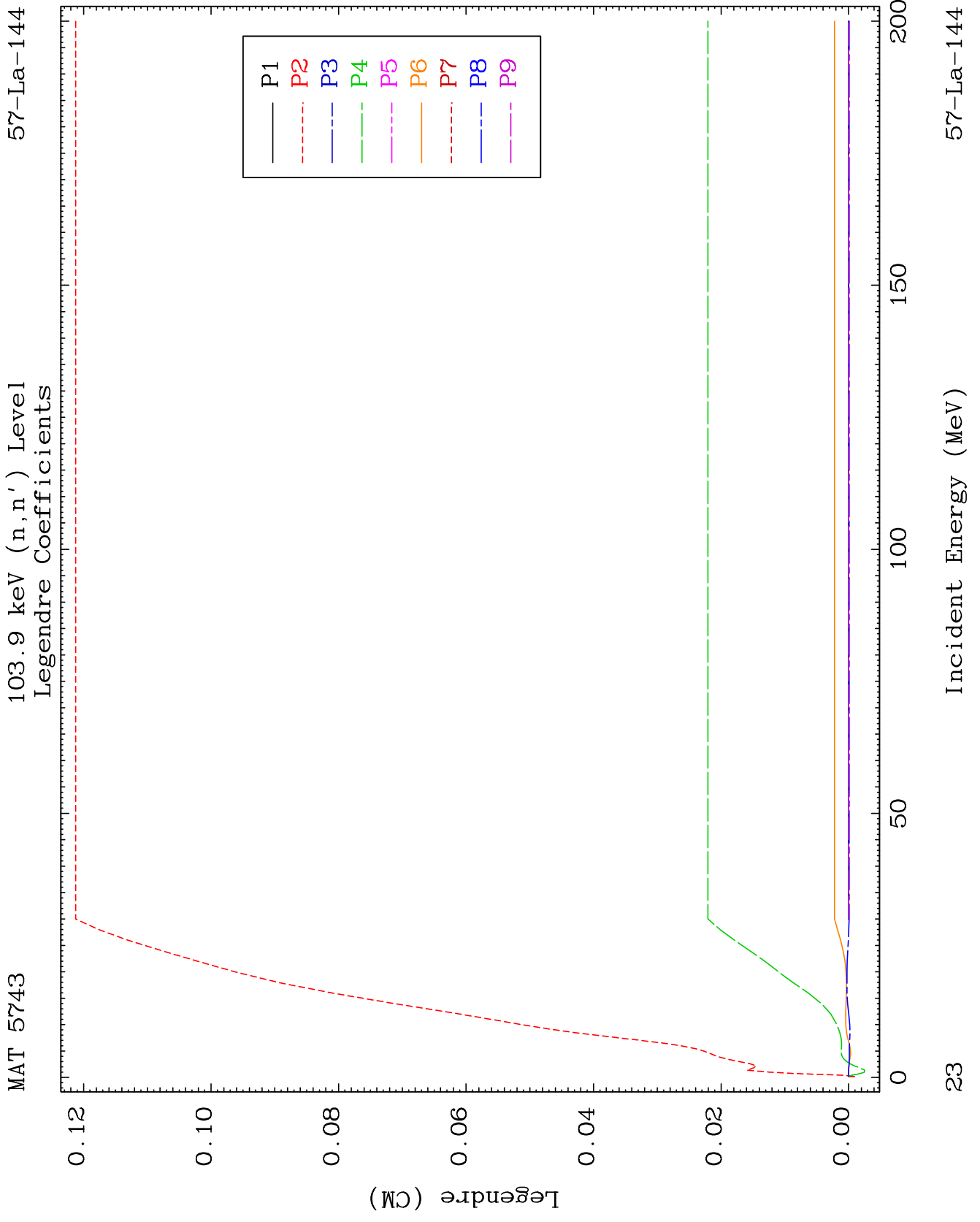


57-La-144

Incident Energy (MeV)

21

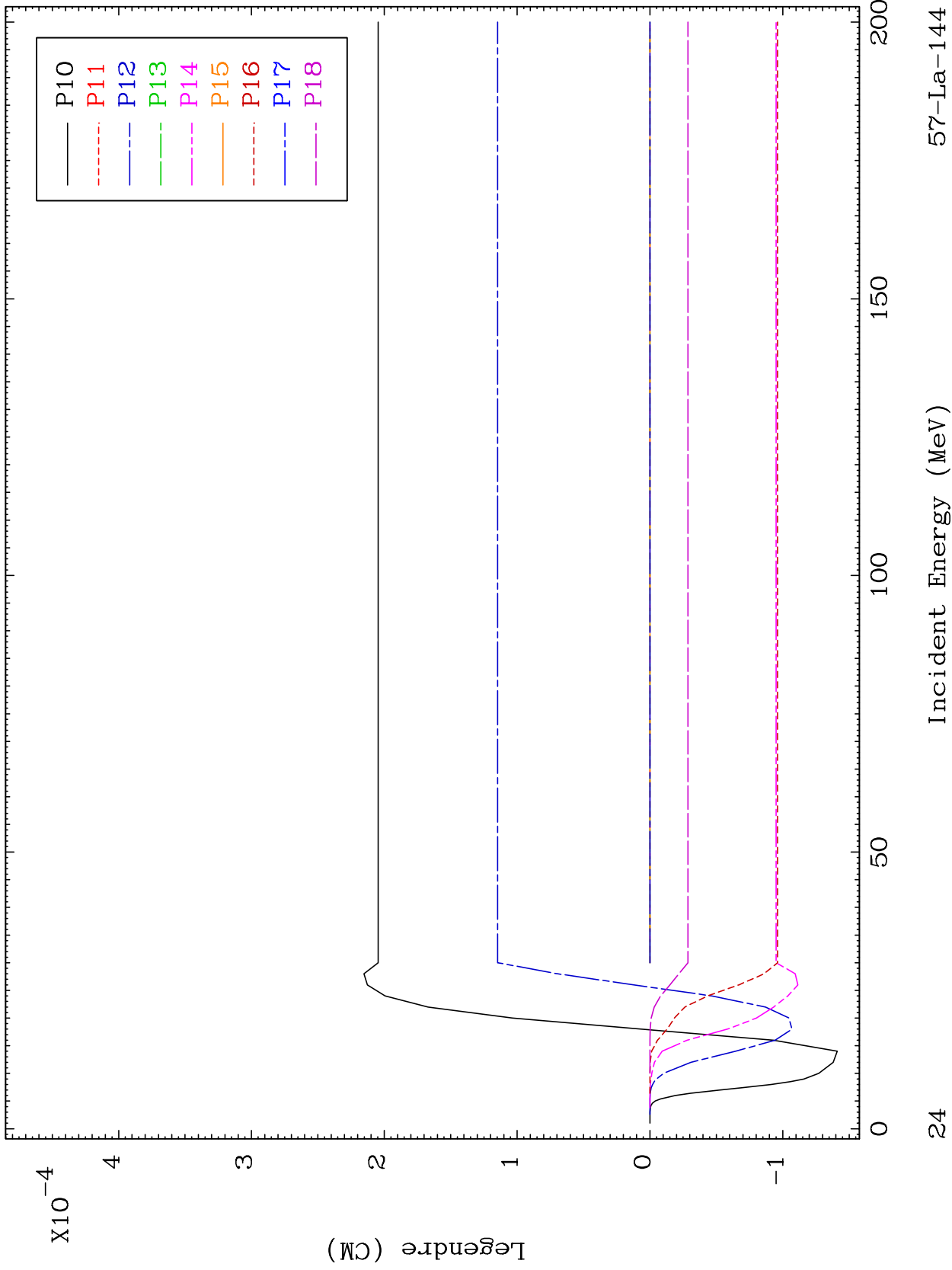




MAT 5743

103.9 keV (n,n') Level
Legendre Coefficients

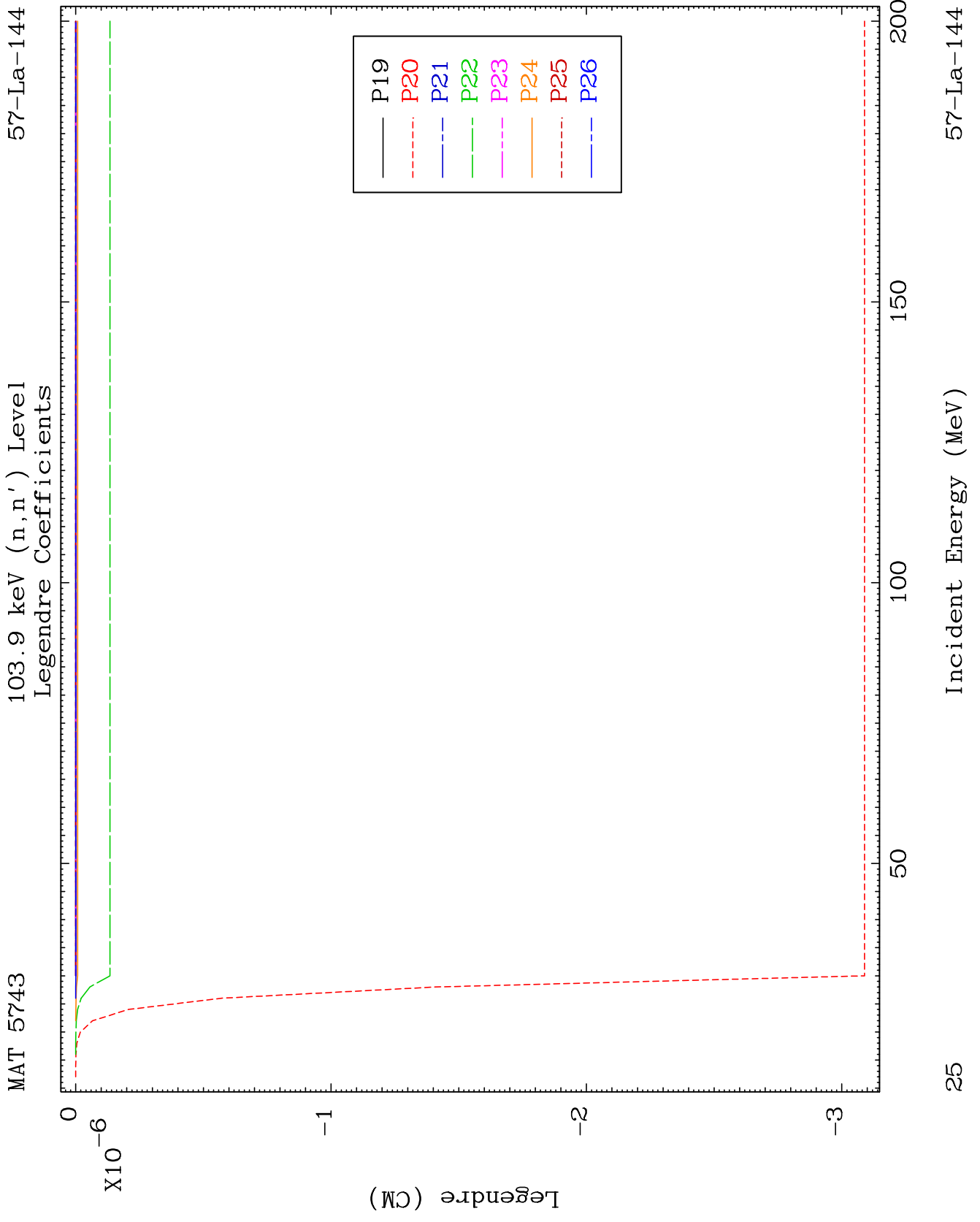
57-La-144

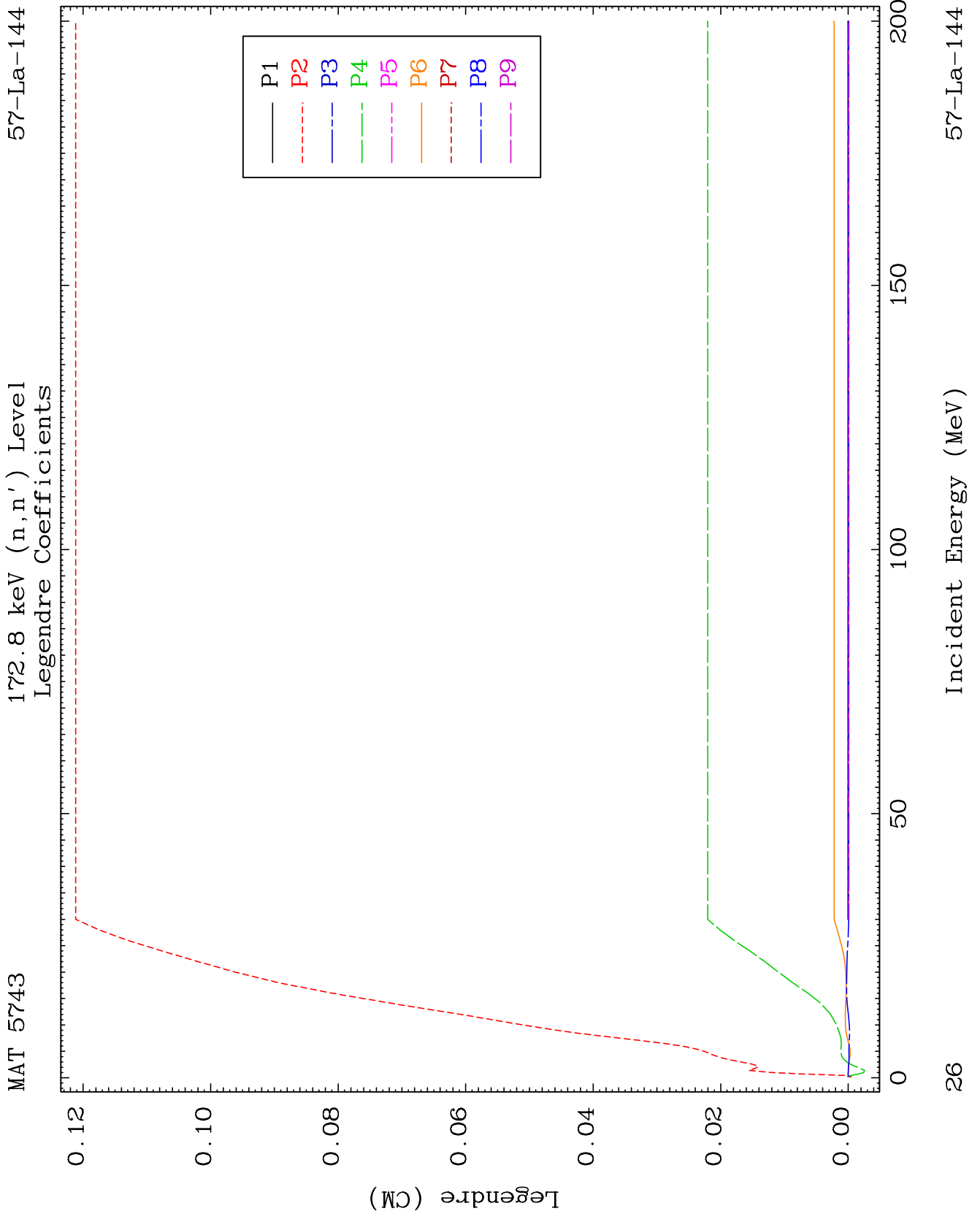


24

Incident Energy (MeV)

57-La-144

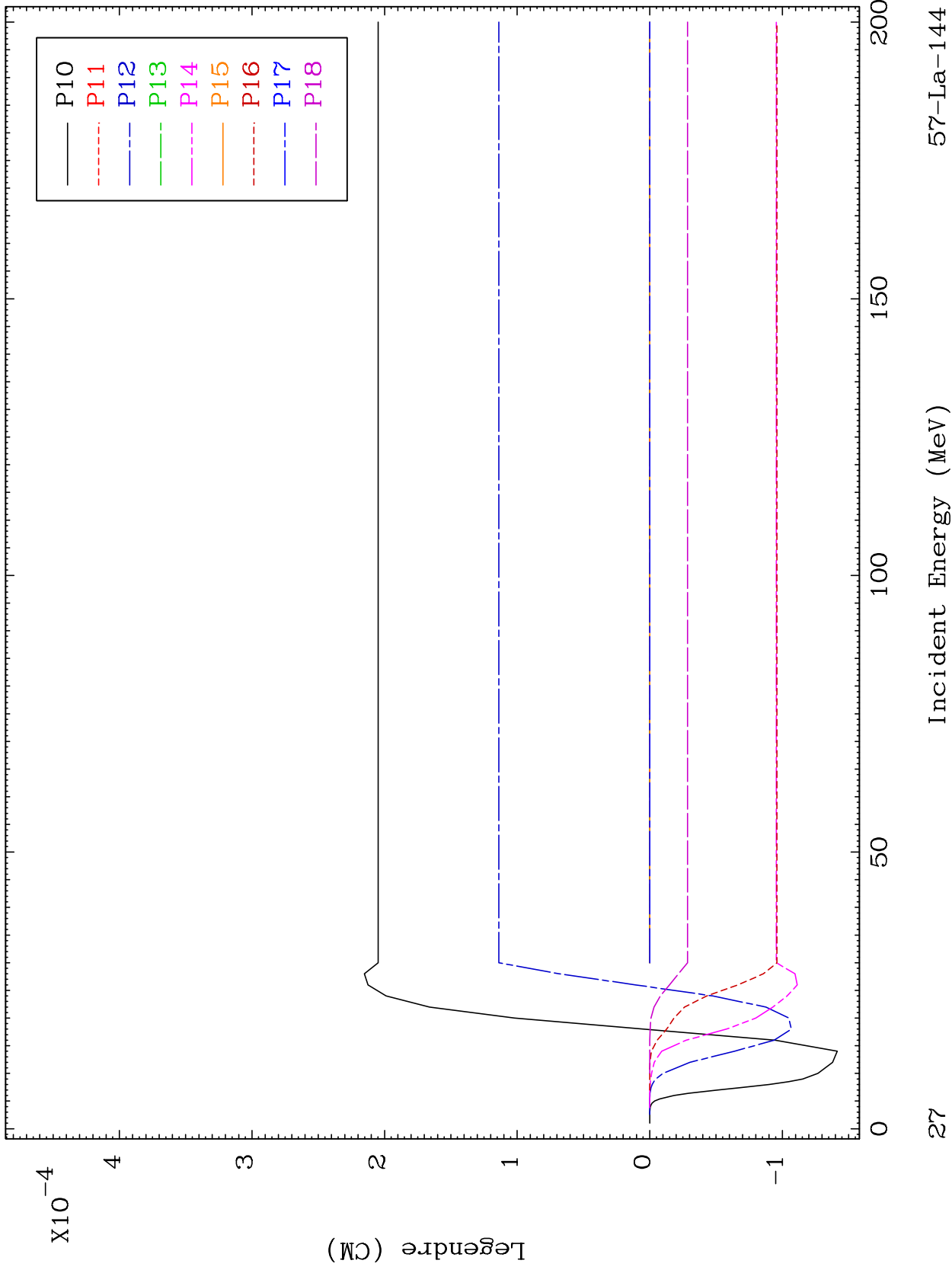




MAT 5743

172.8 keV (n,n') Level
Legendre Coefficients

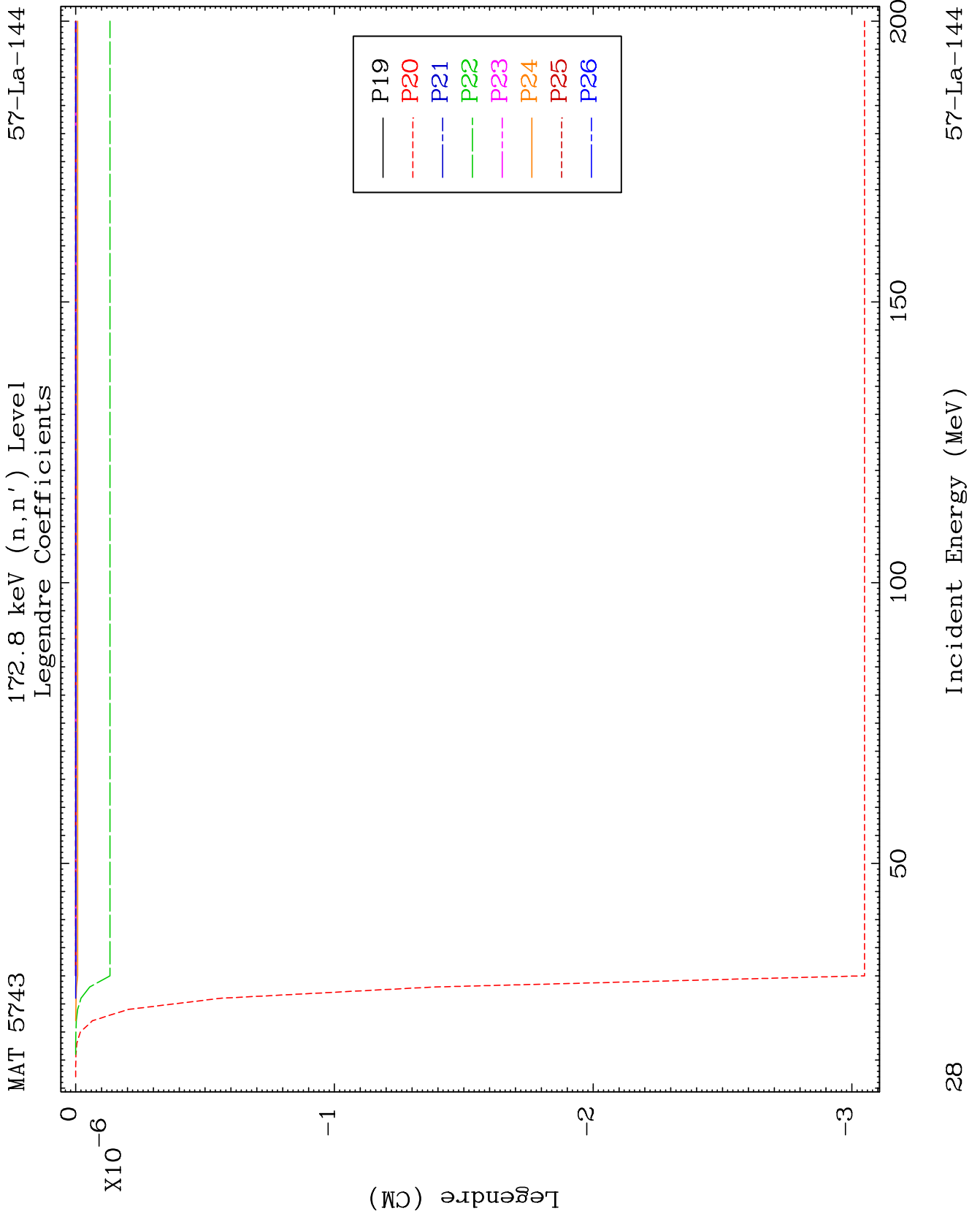
57-La-144

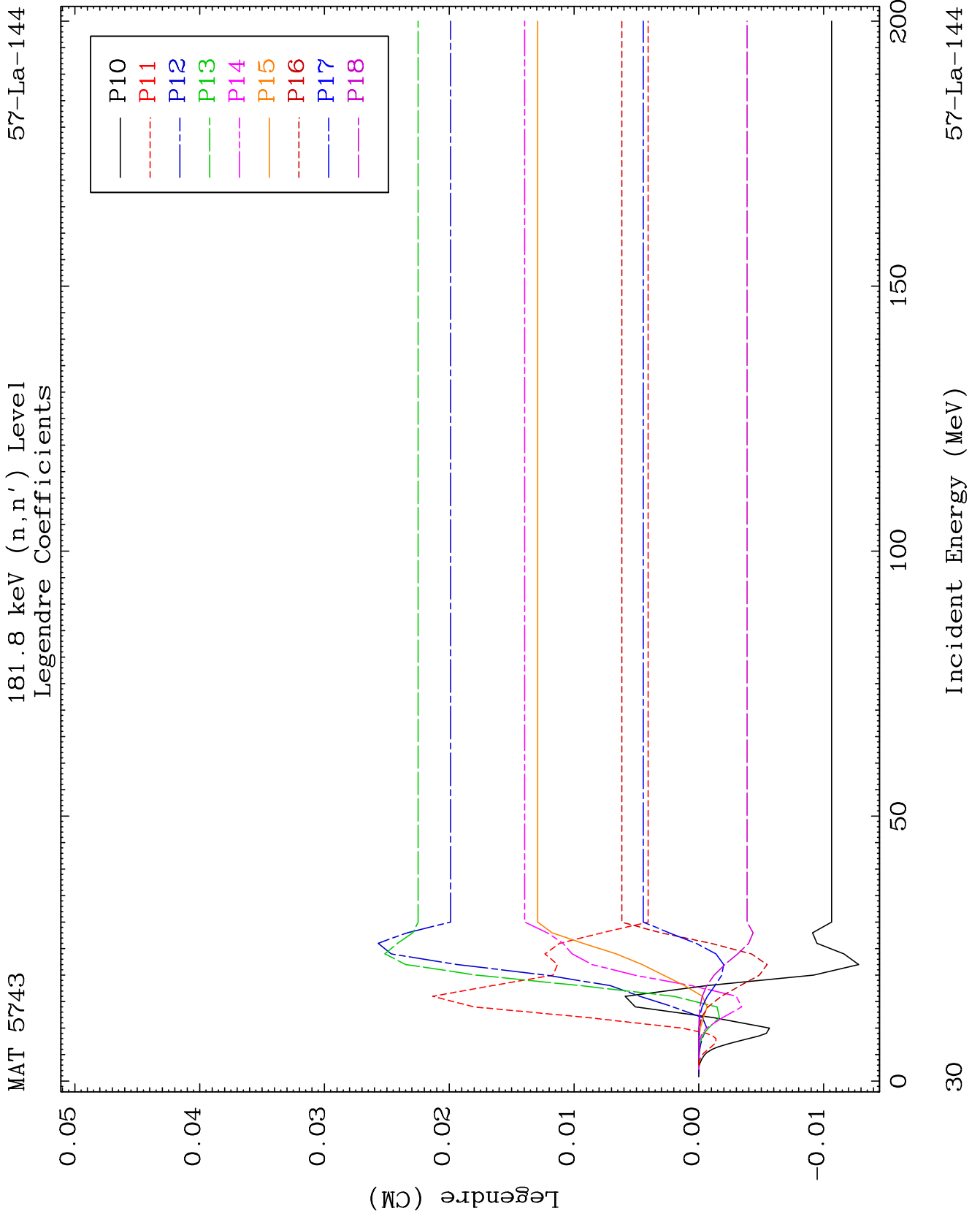


27

Incident Energy (MeV)

57-La-144

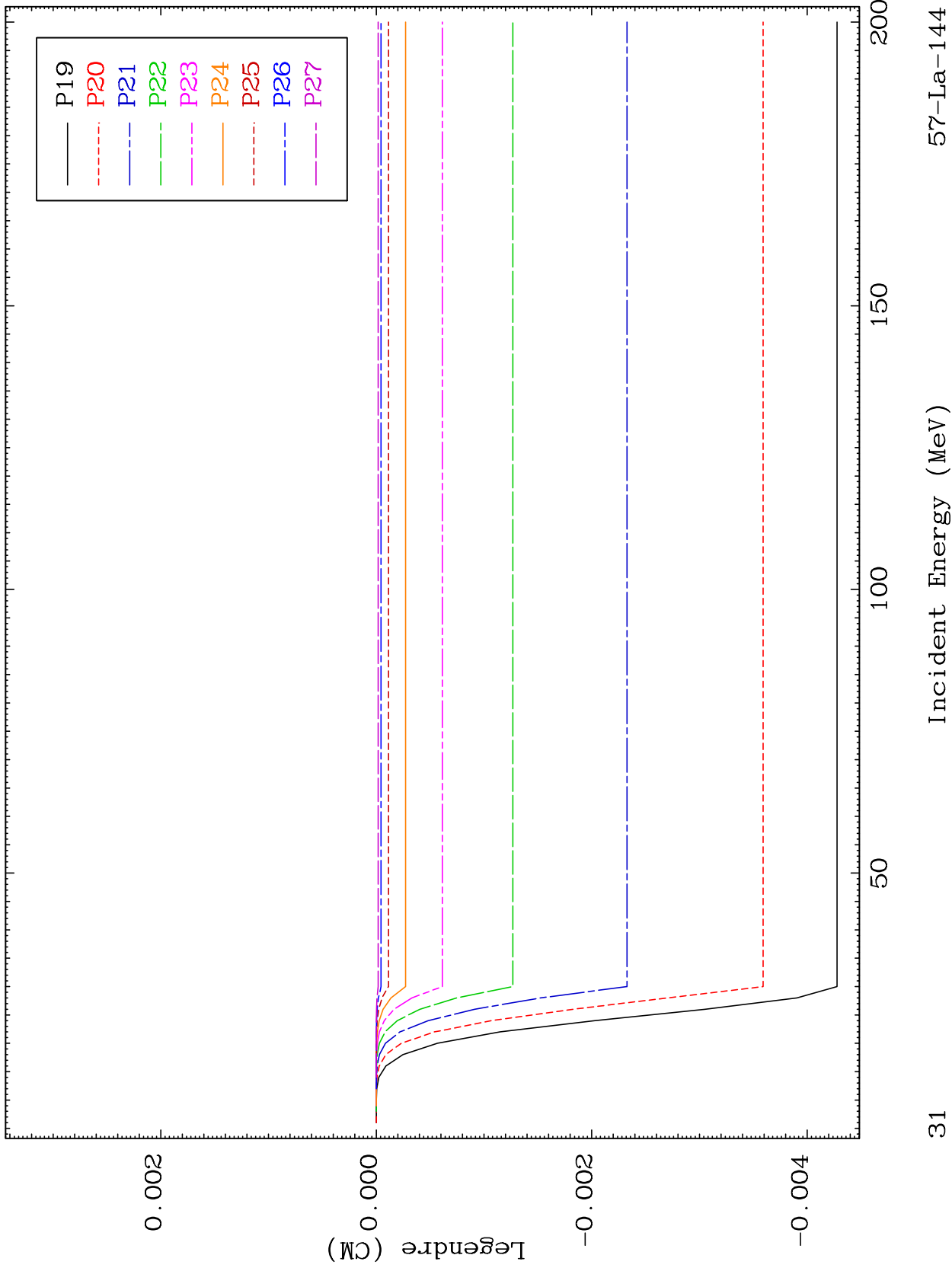




MAT 5743

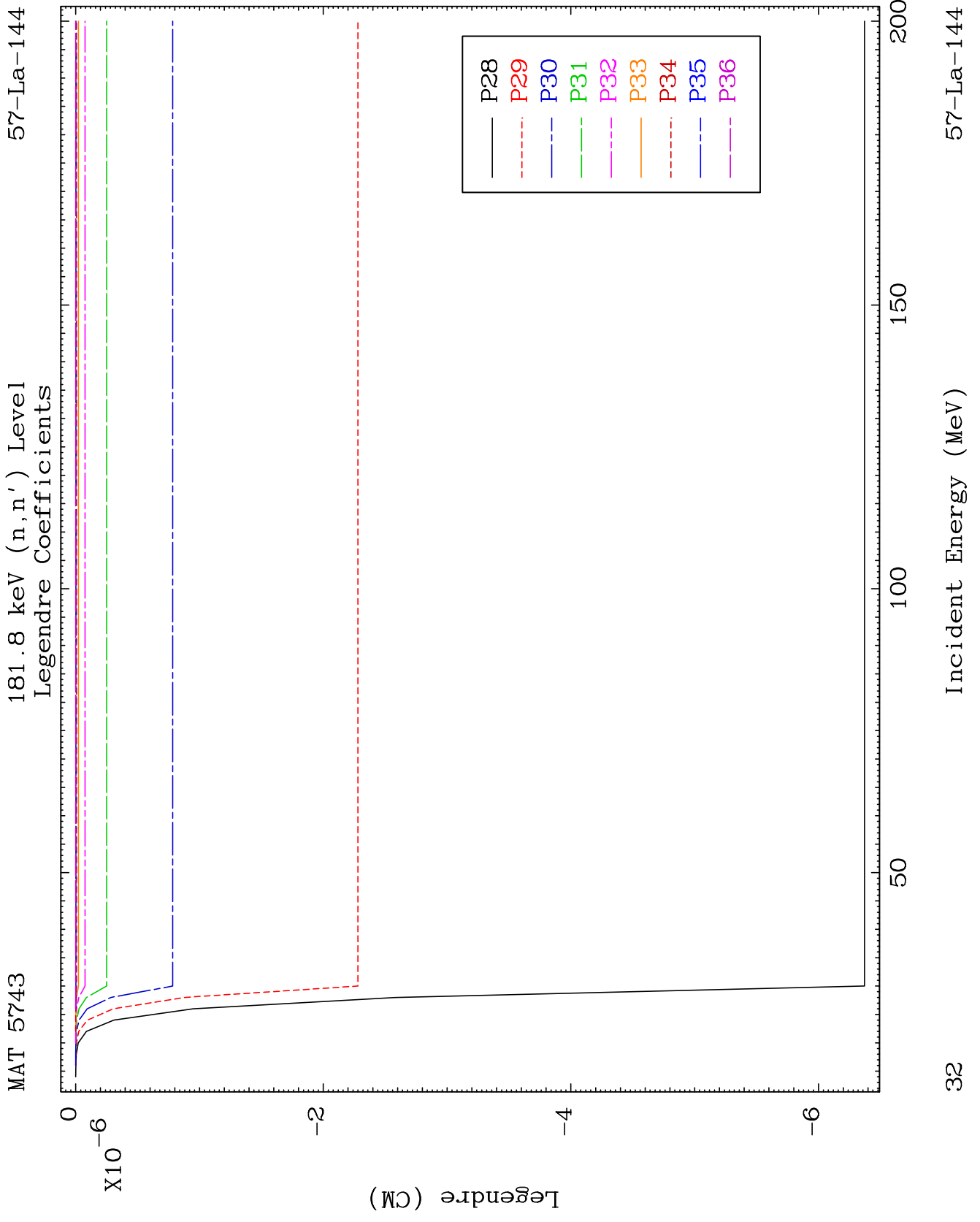
181.8 keV (n,n') Level
Legendre Coefficients

57-La-144



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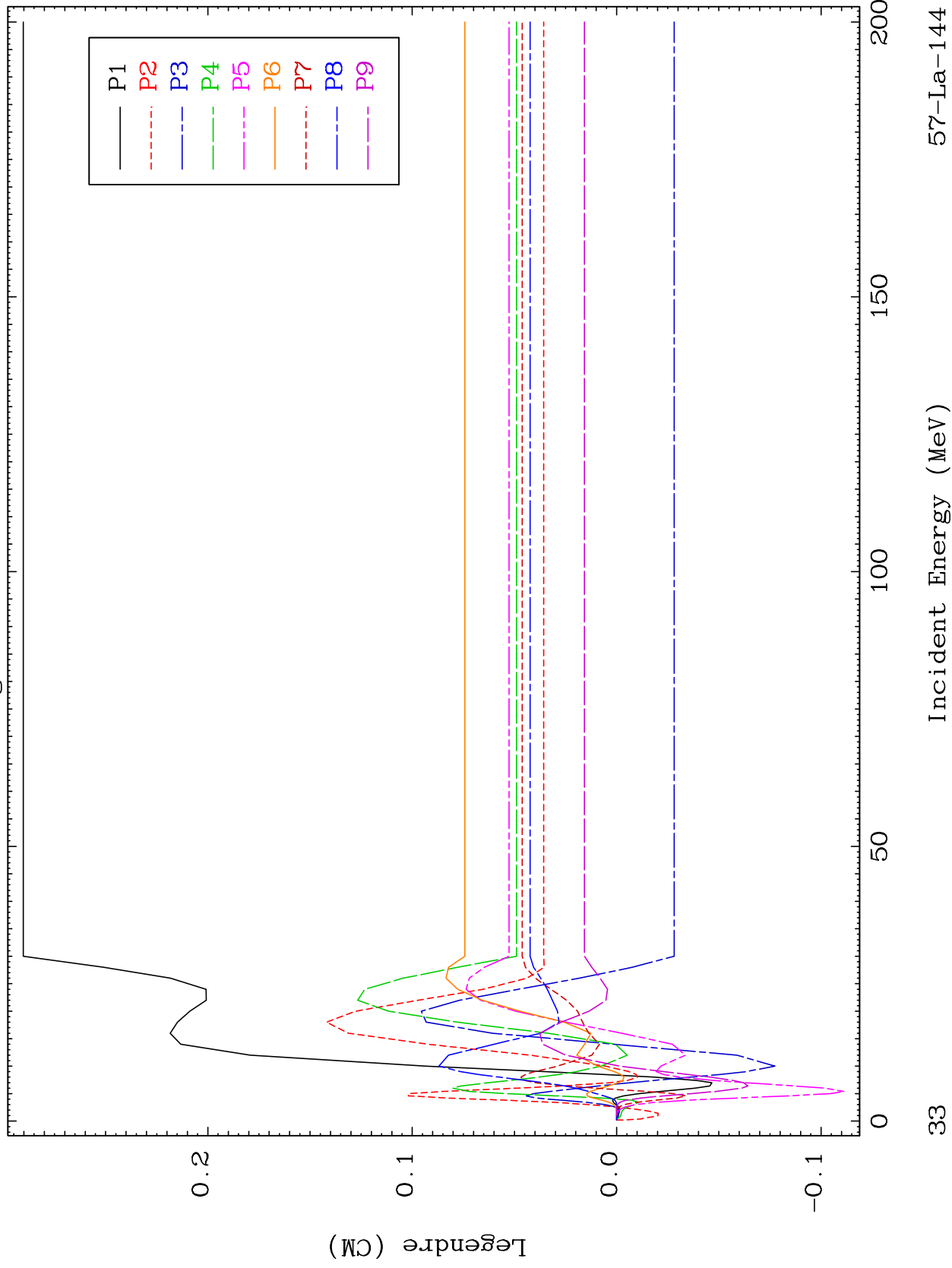
57-La-144



MAT 5743

185.7 keV (n,n') Level
Legendre Coefficients

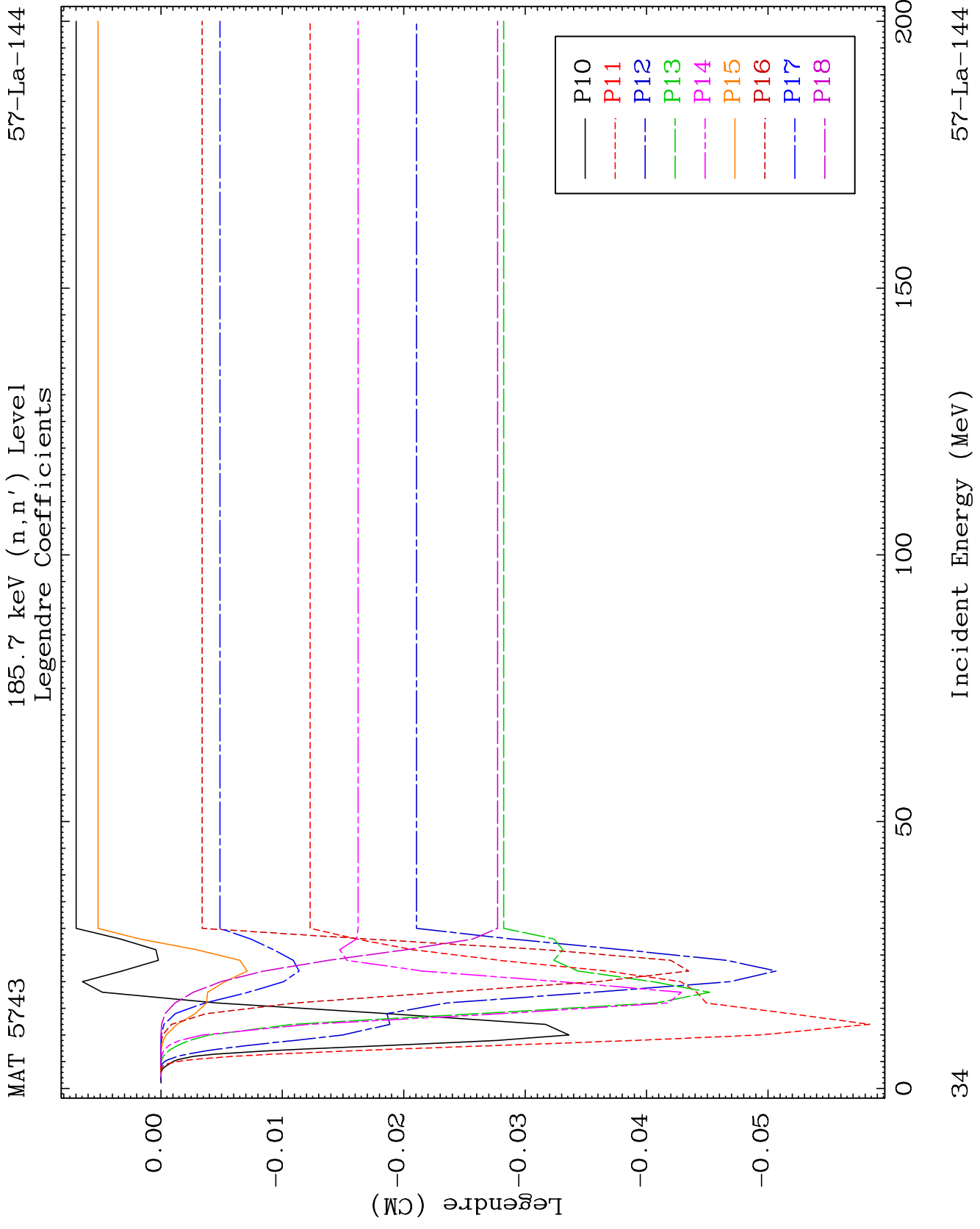
57-La-144

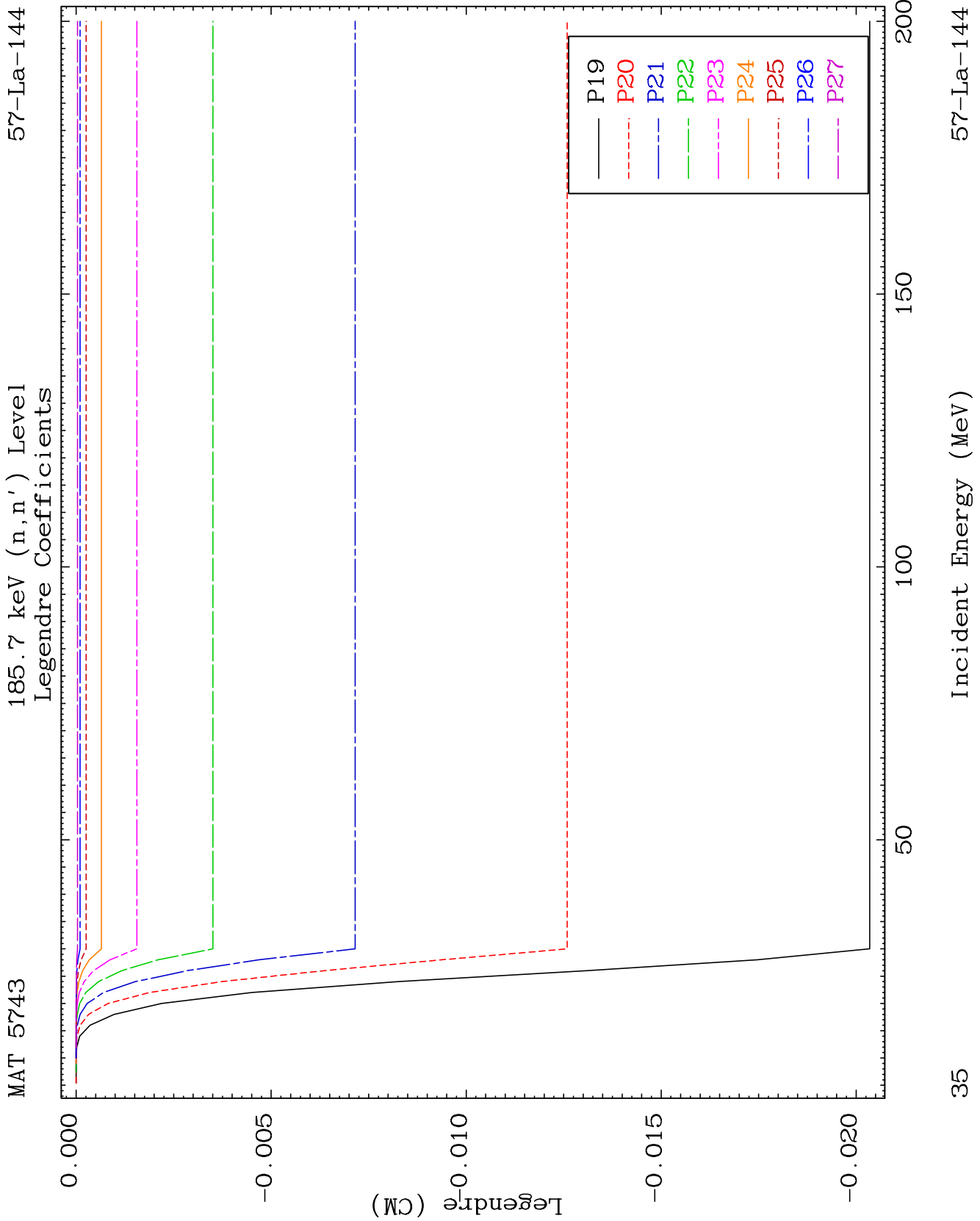


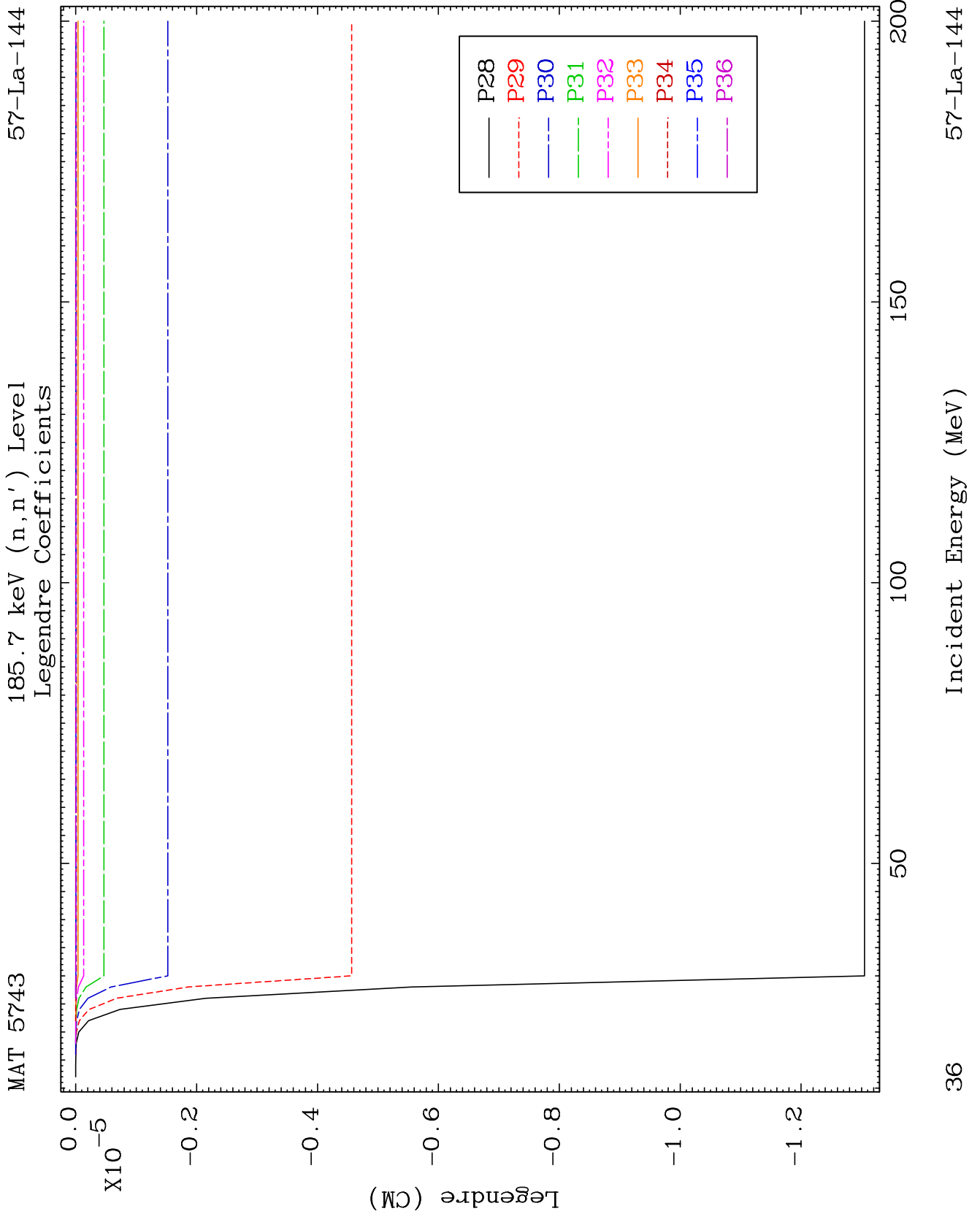
57-La-144

Incident Energy (MeV)

33



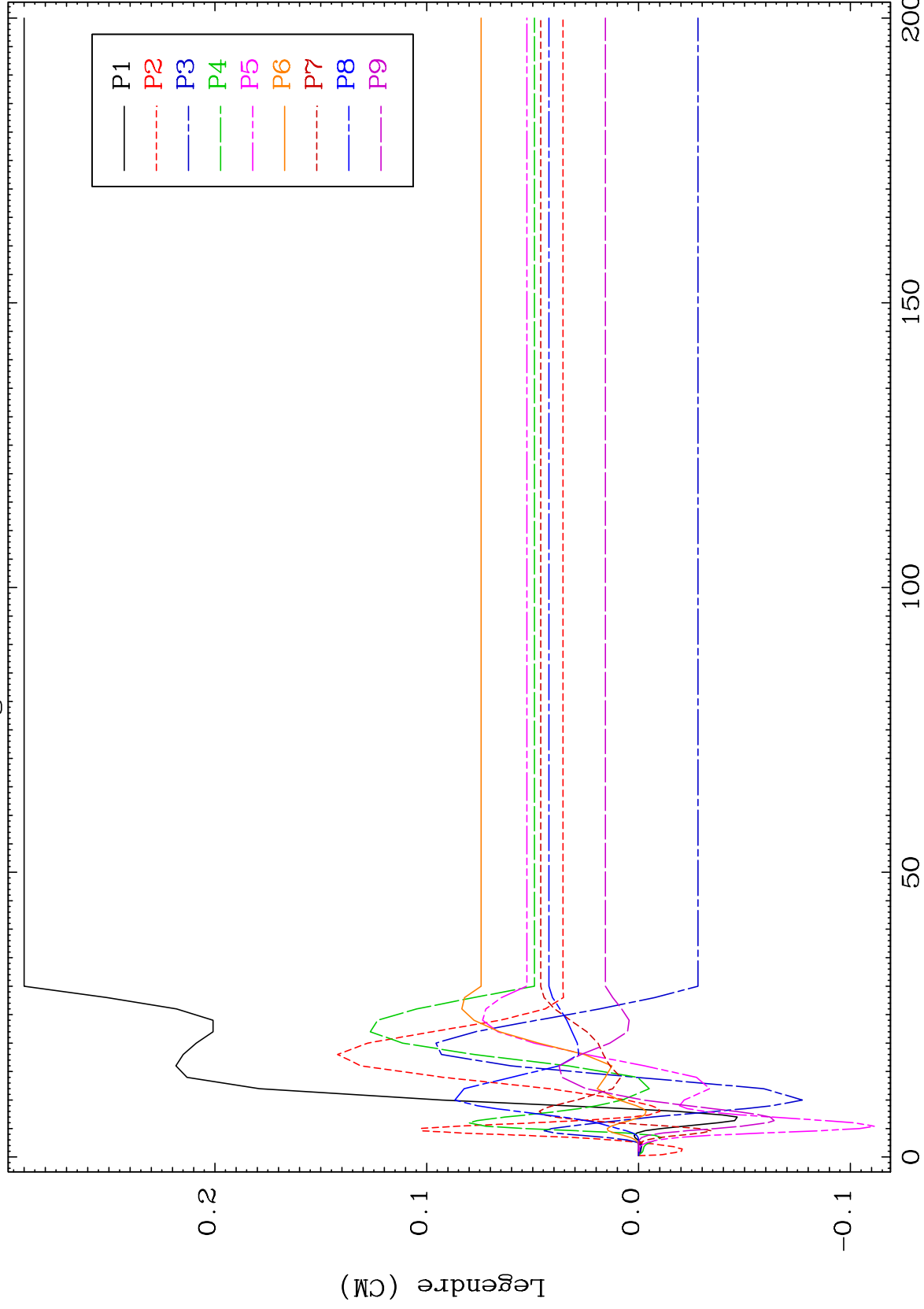




MAT 5743

215.2 keV (n,n') Level
Legendre Coefficients

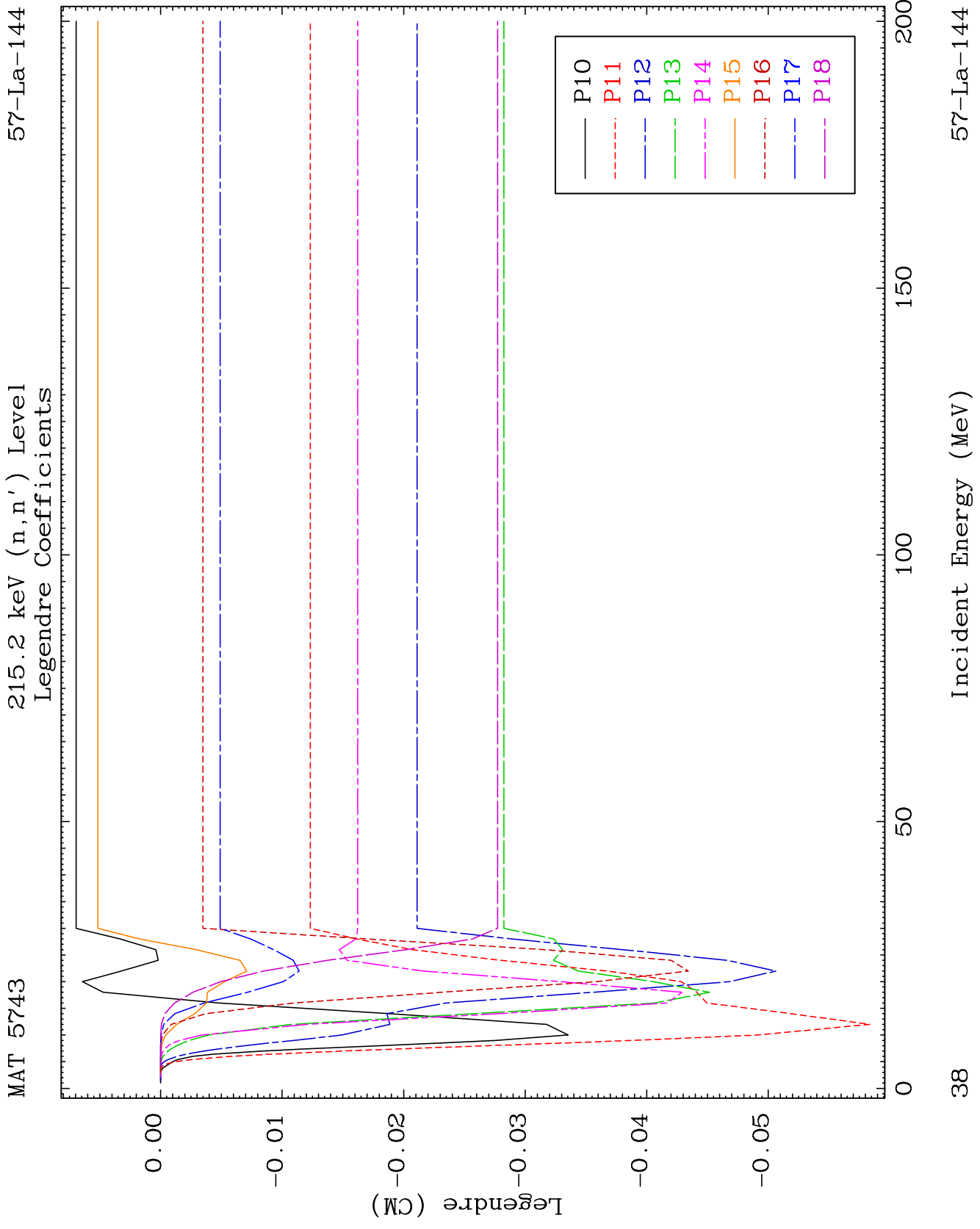
57-La-144

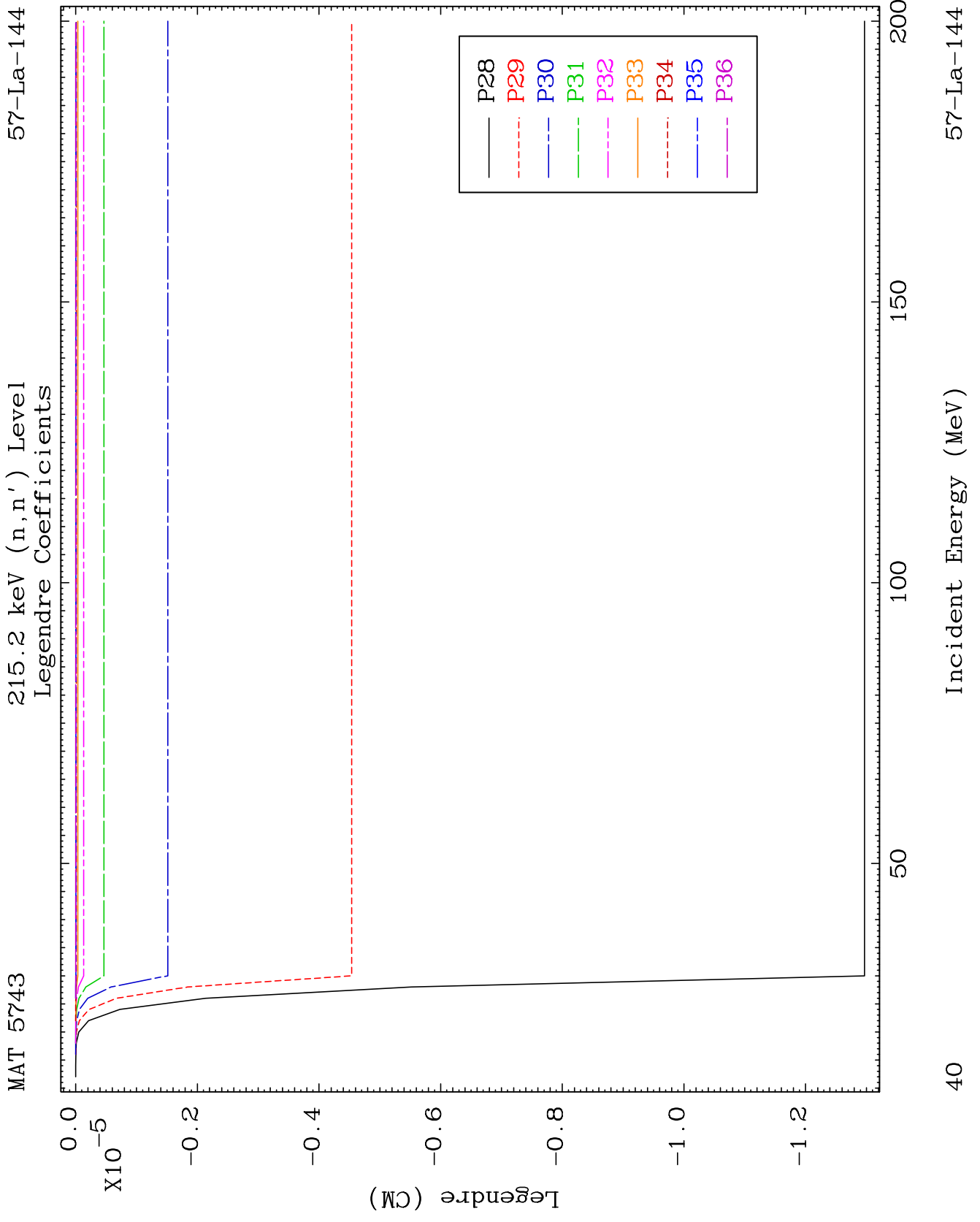


37

Incident Energy (MeV)

57-La-144

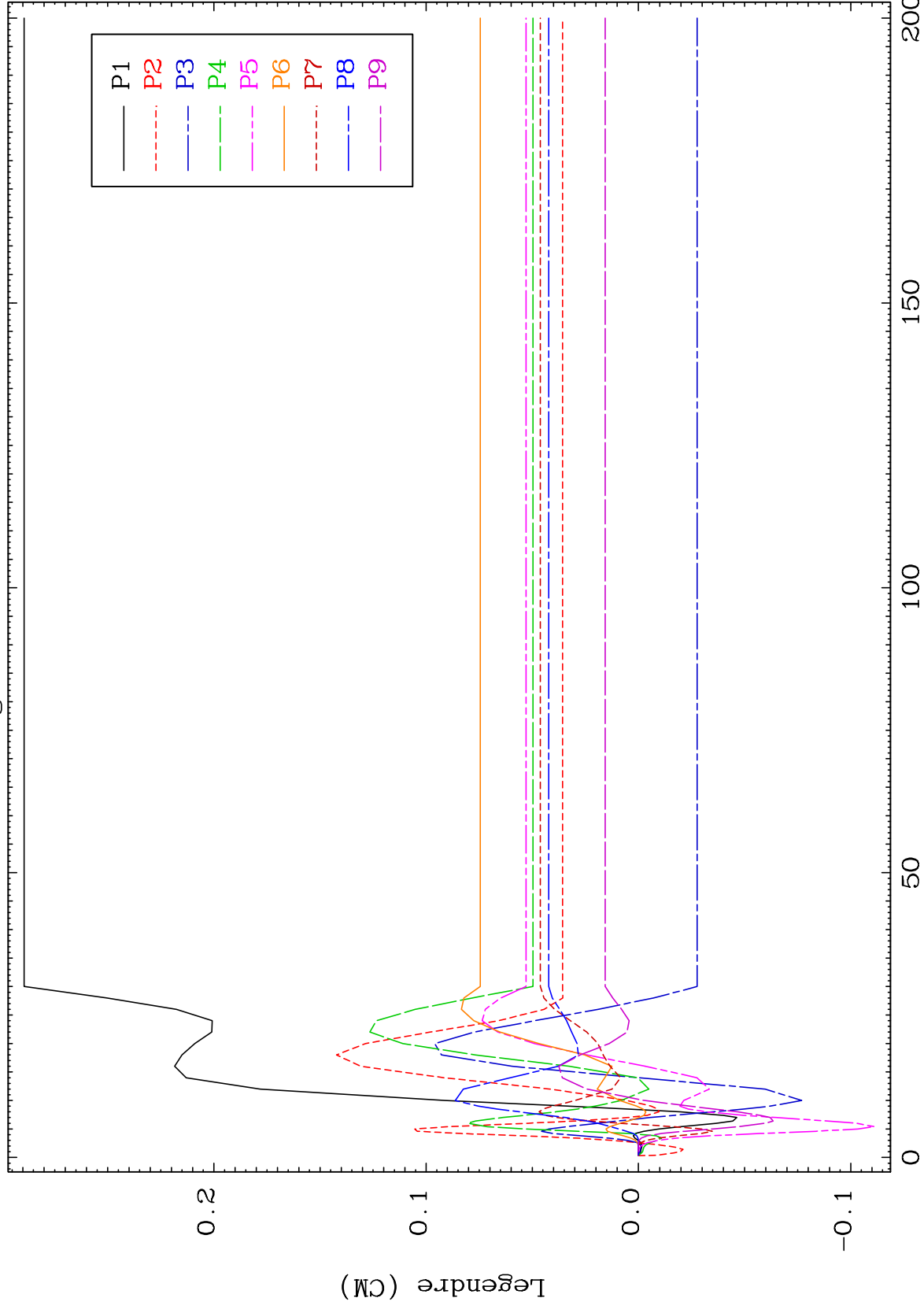




MAT 5743

294.7 keV (n,n') Level
Legendre Coefficients

57-La-144



41

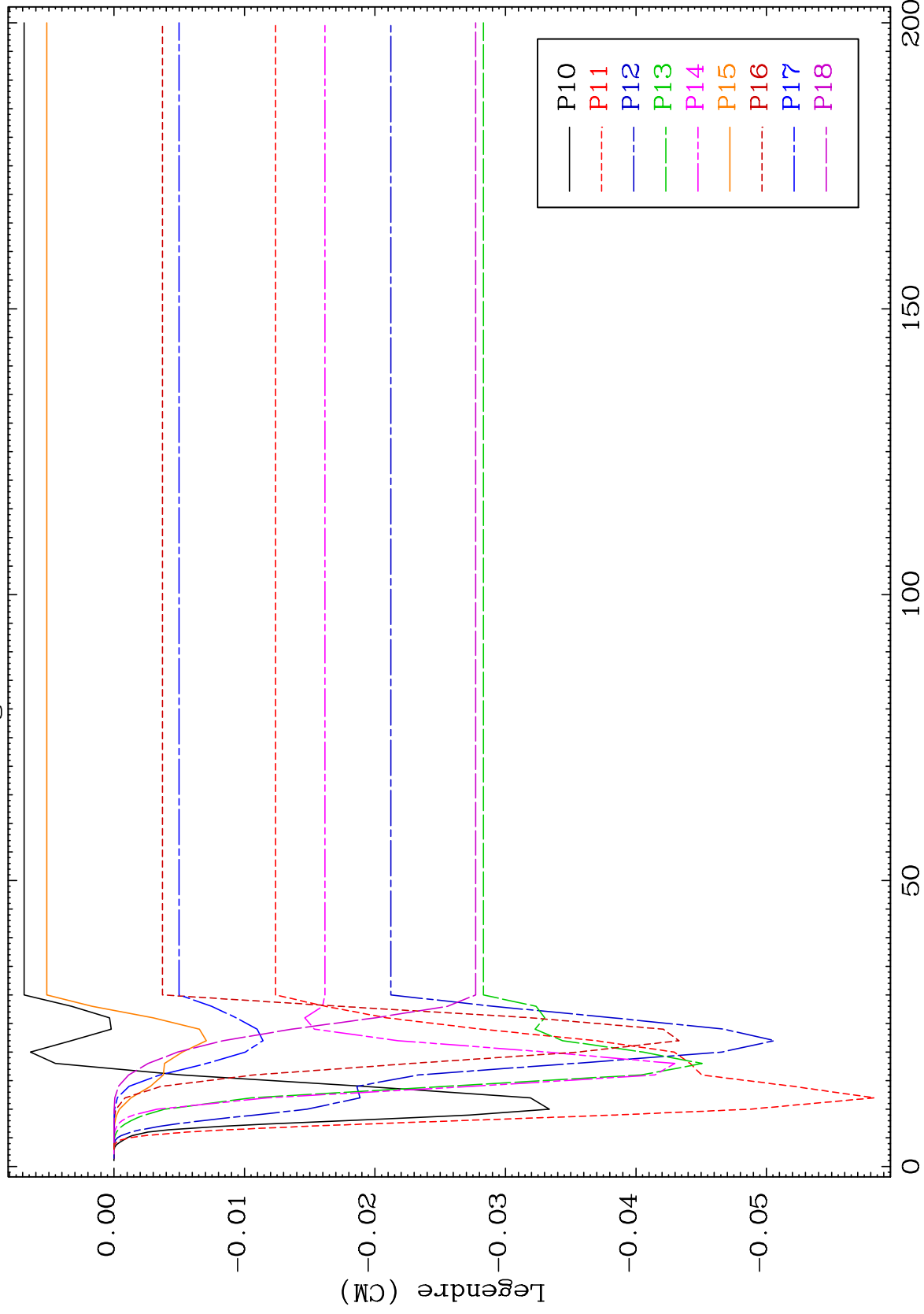
Incident Energy (MeV)

57-La-144

MAT 5743

294.7 keV (n,n') Level
Legendre Coefficients

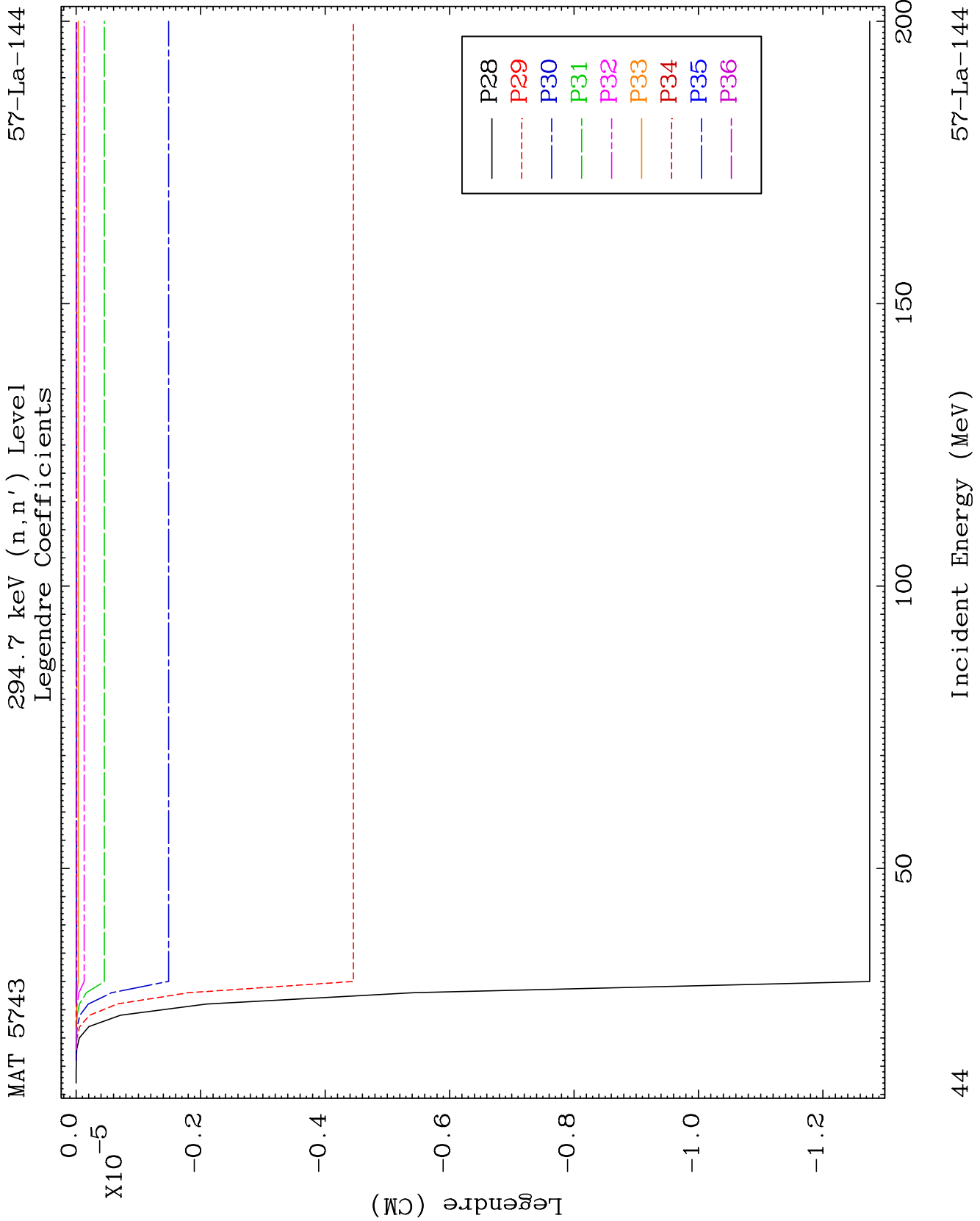
57-La-144

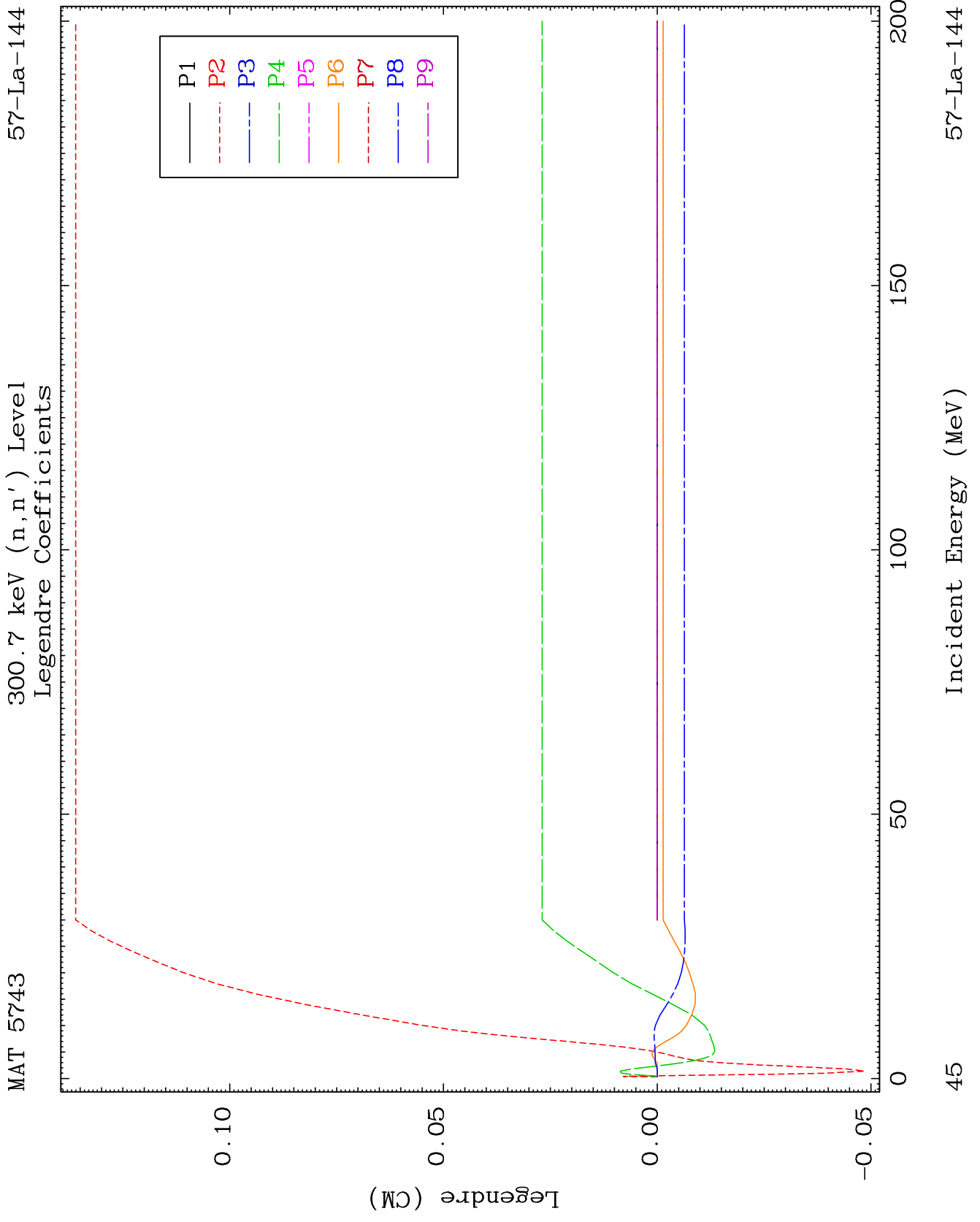


42

Incident Energy (MeV)

57-La-144

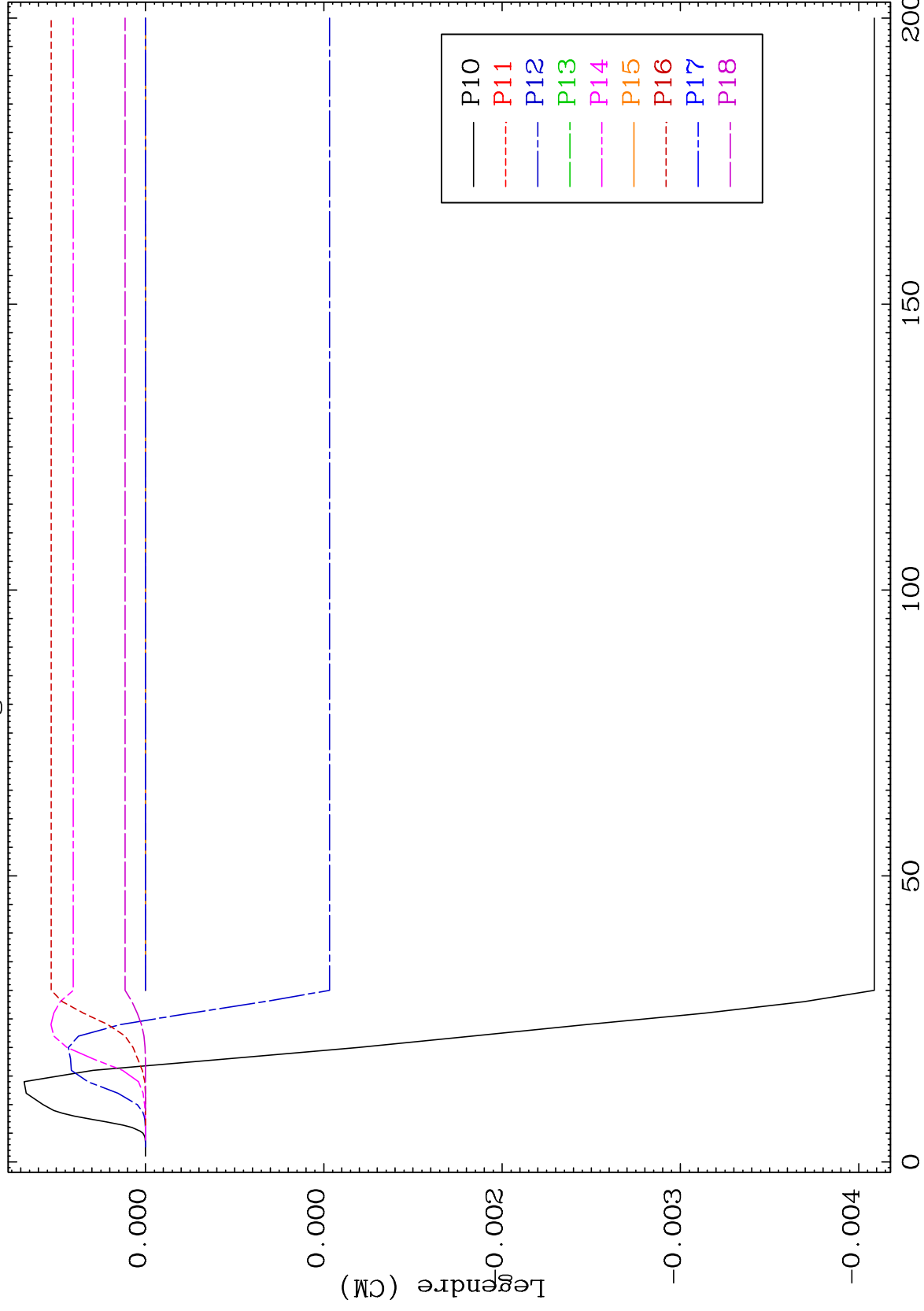




MAT 5743

300.7 keV (n,n') Level
Legendre Coefficients

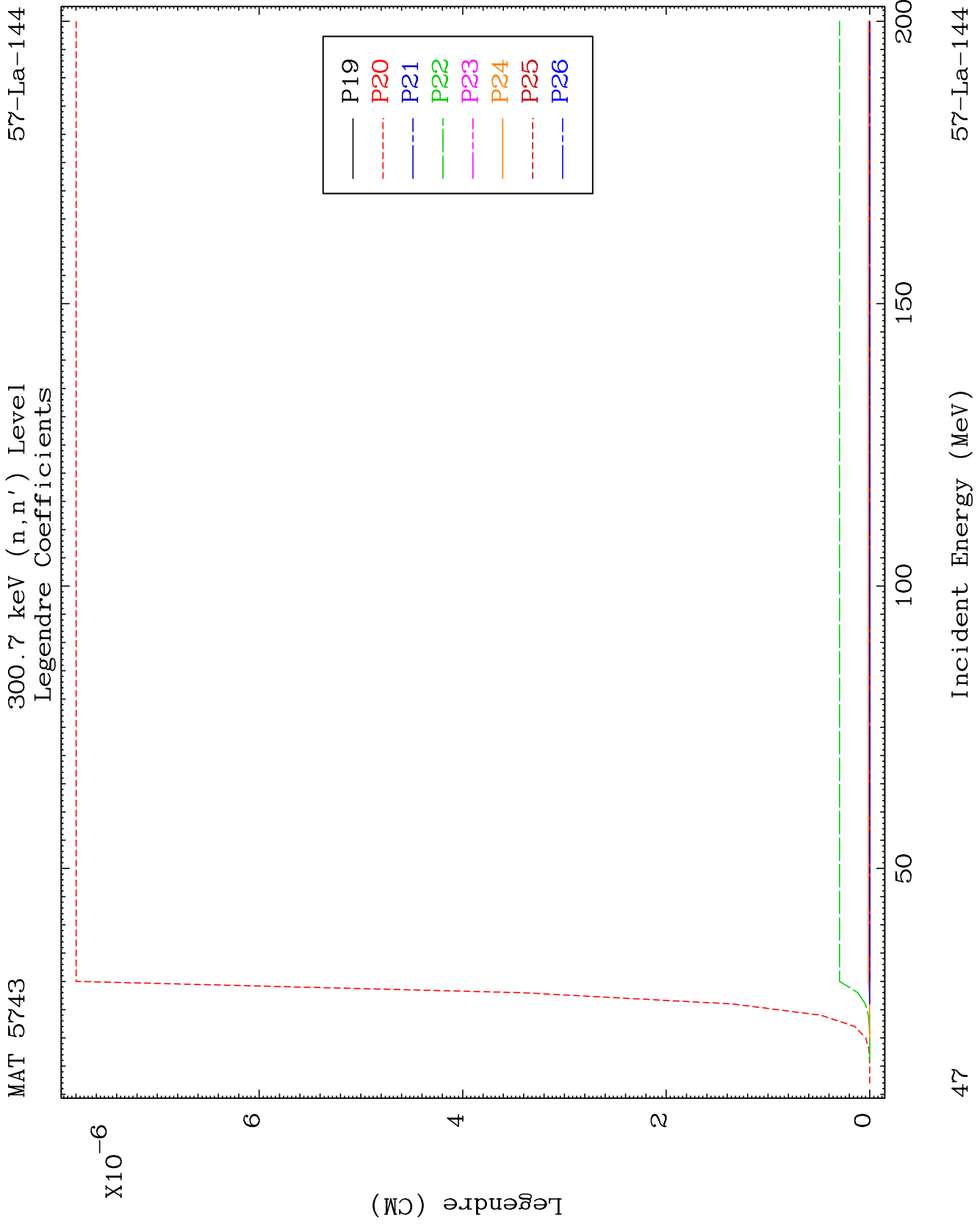
57-La-144

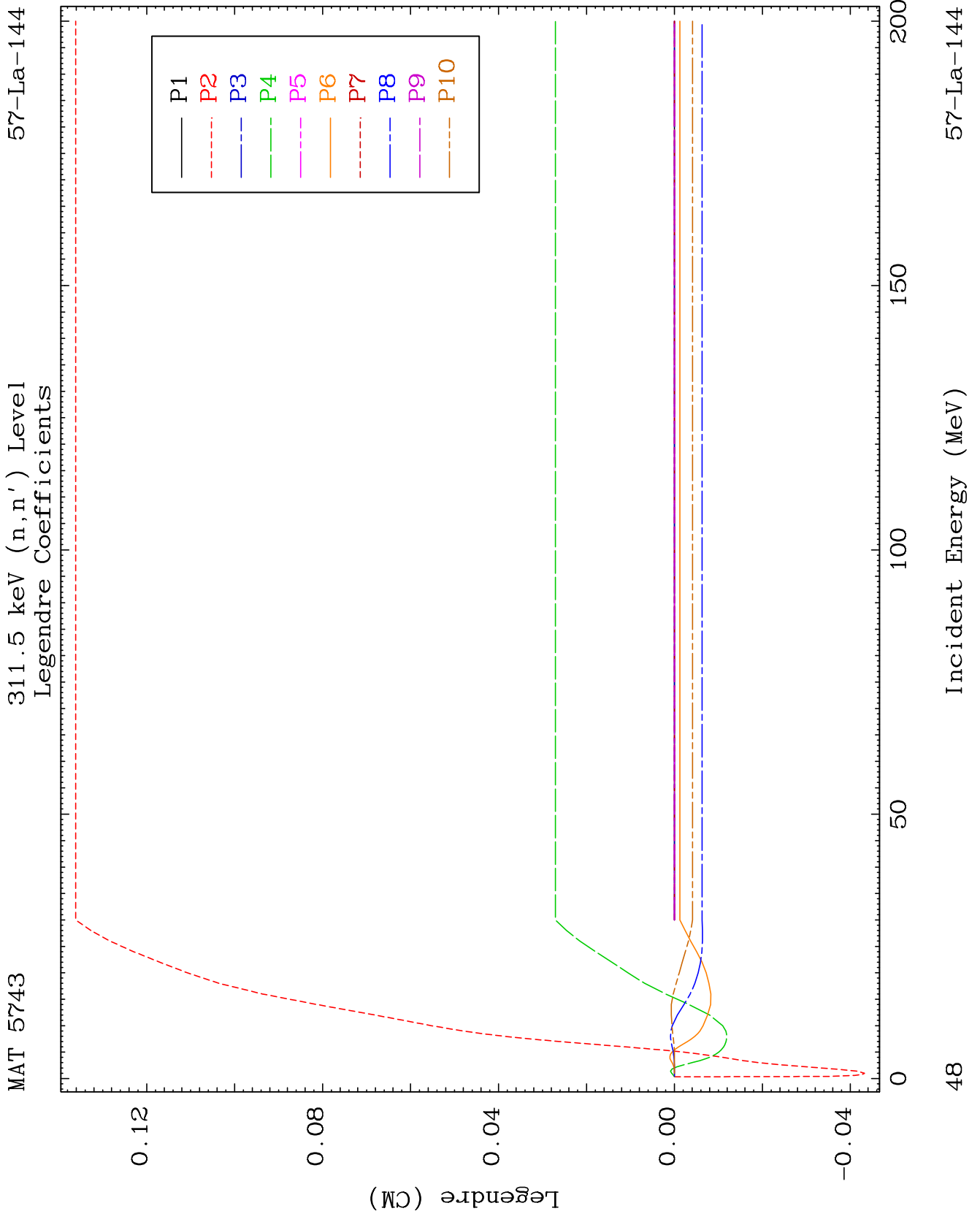


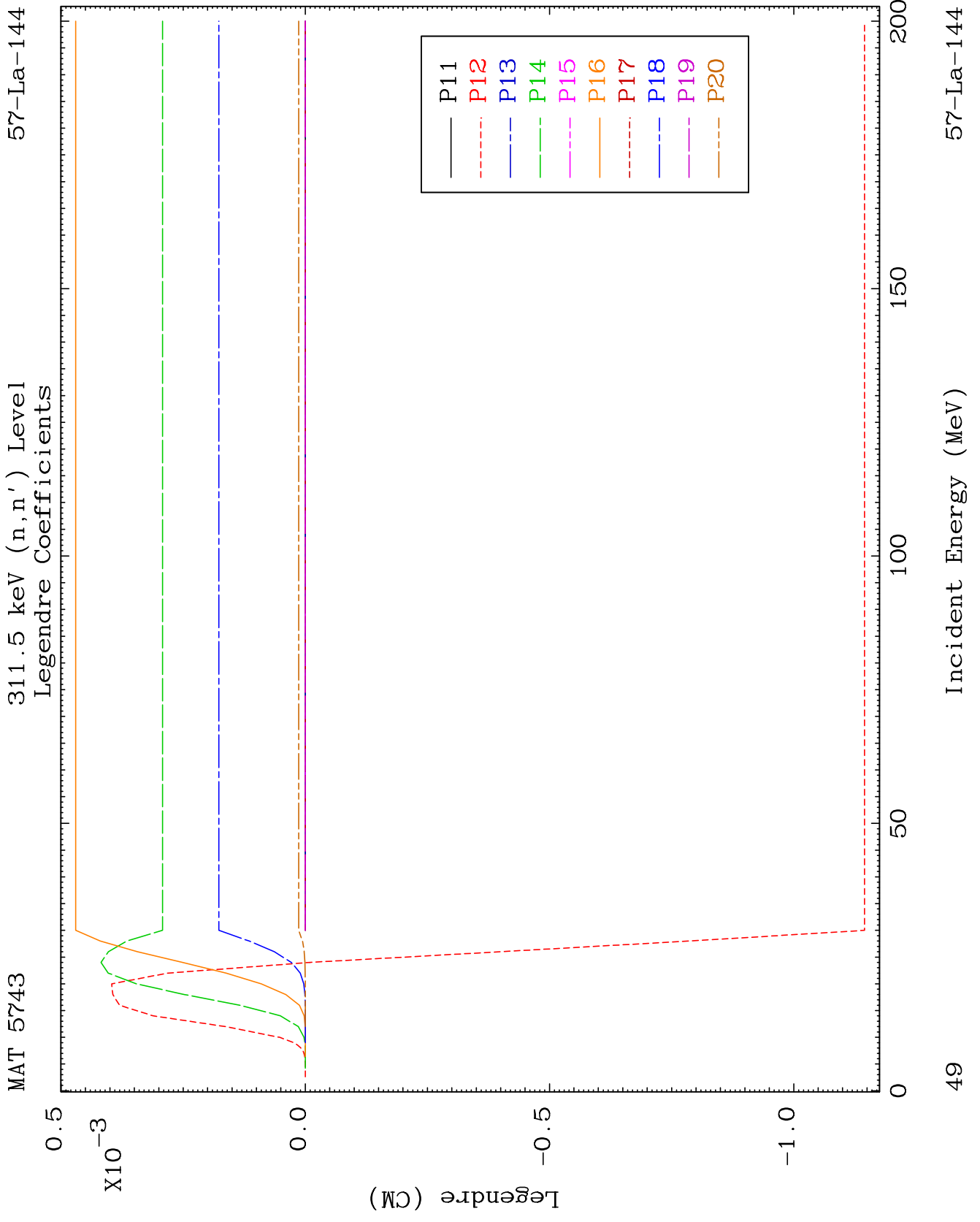
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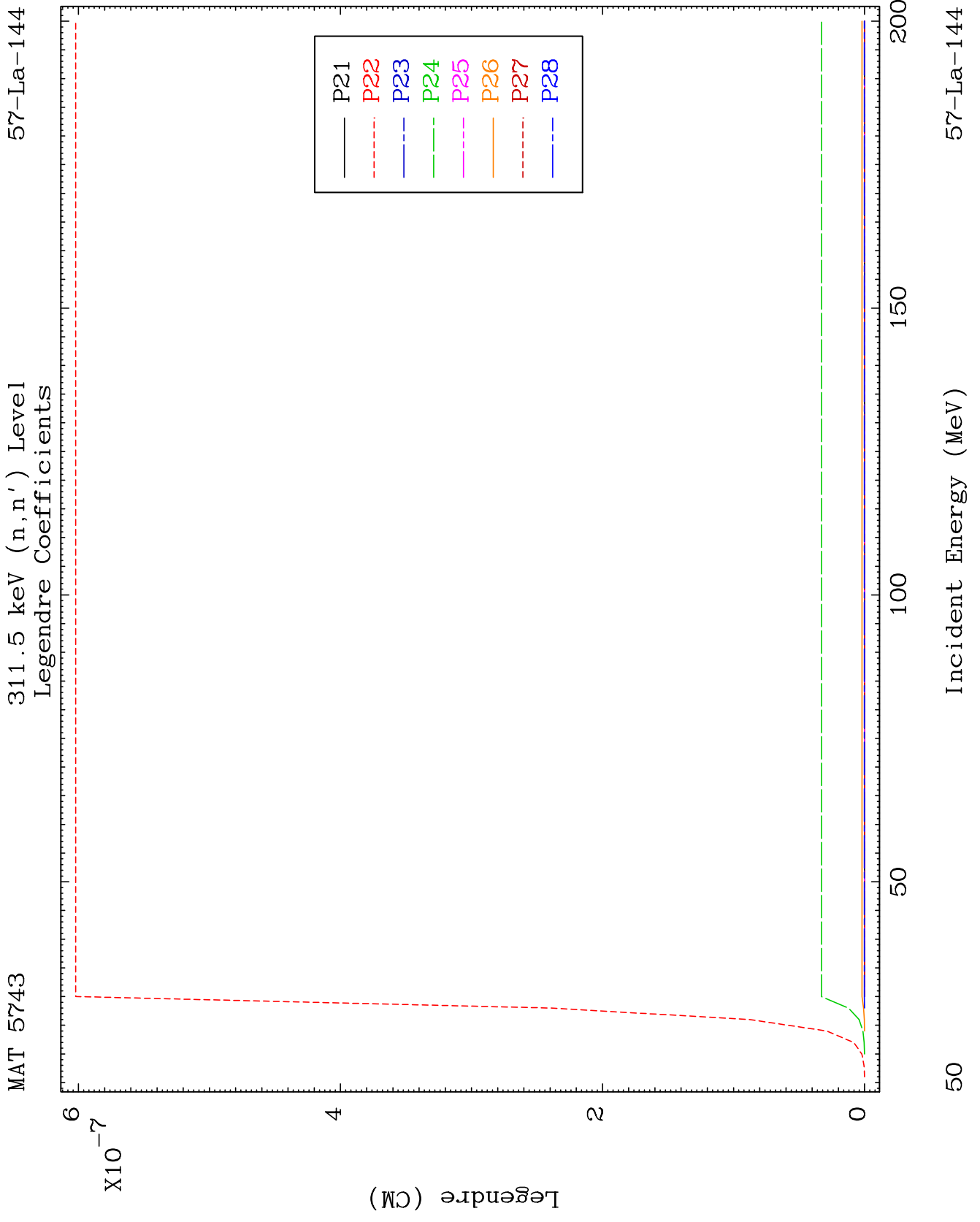
Incident Energy (MeV)

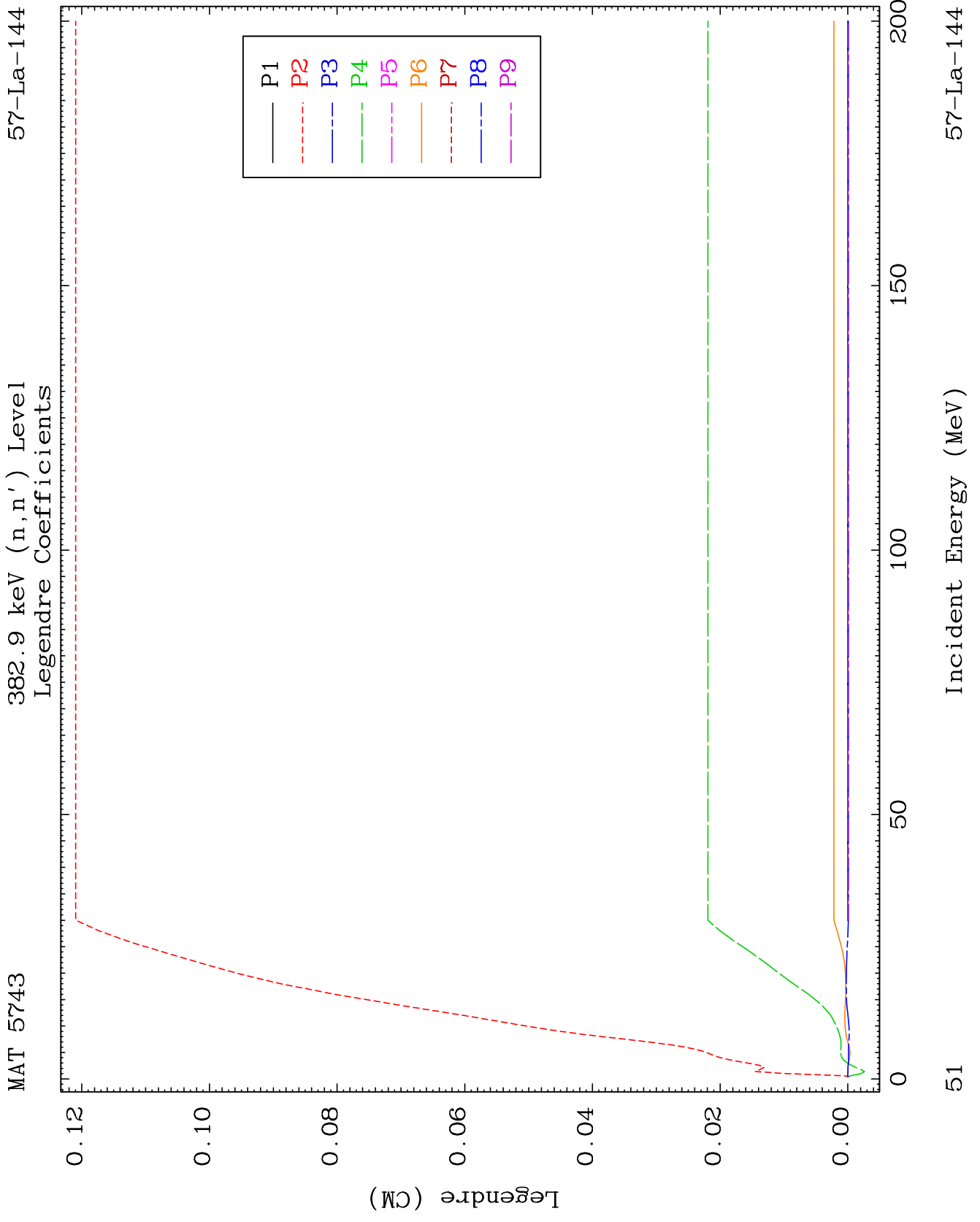
57-La-144







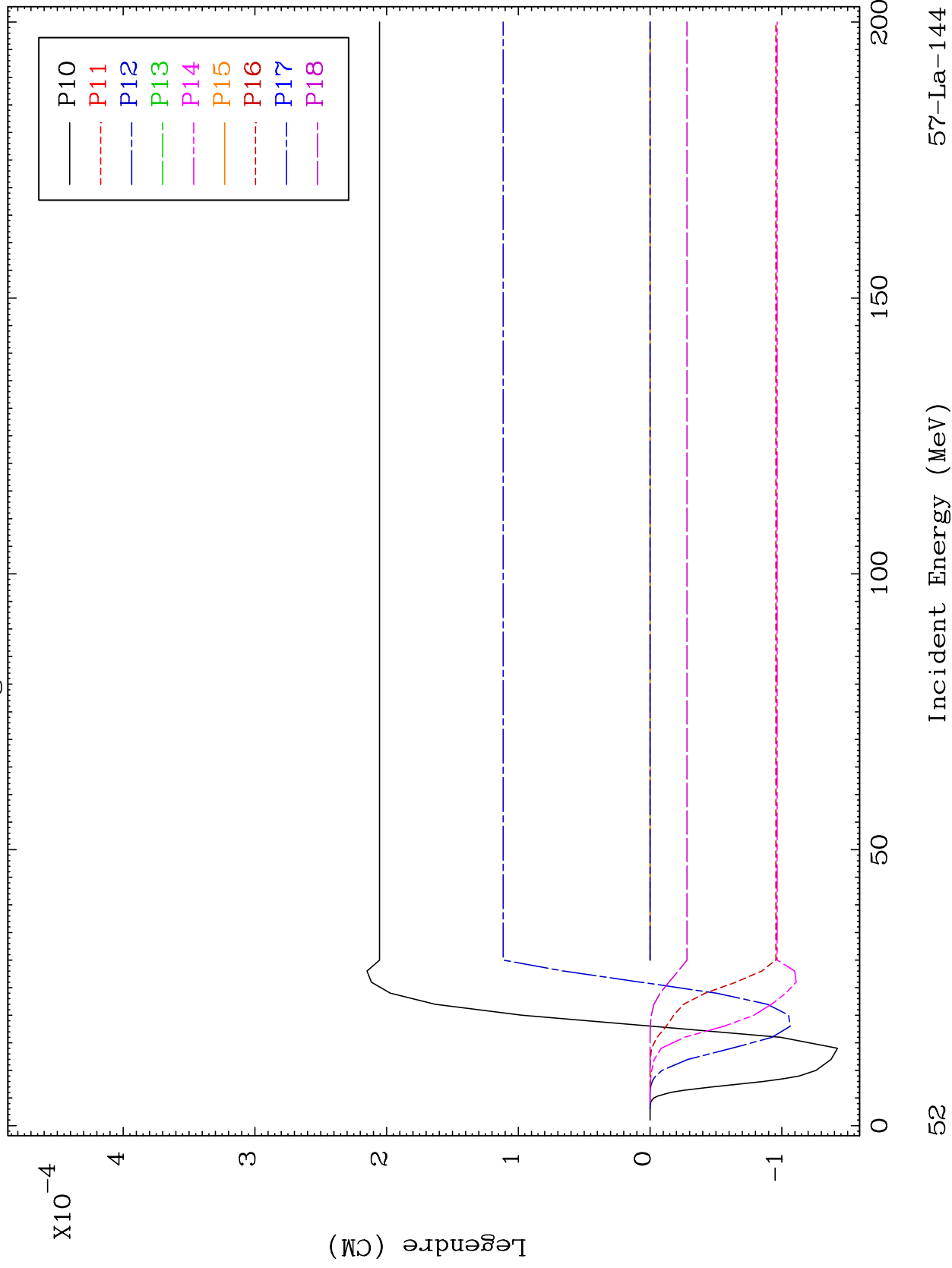




MAT 5743

382.9 keV (n,n') Level
Legendre Coefficients

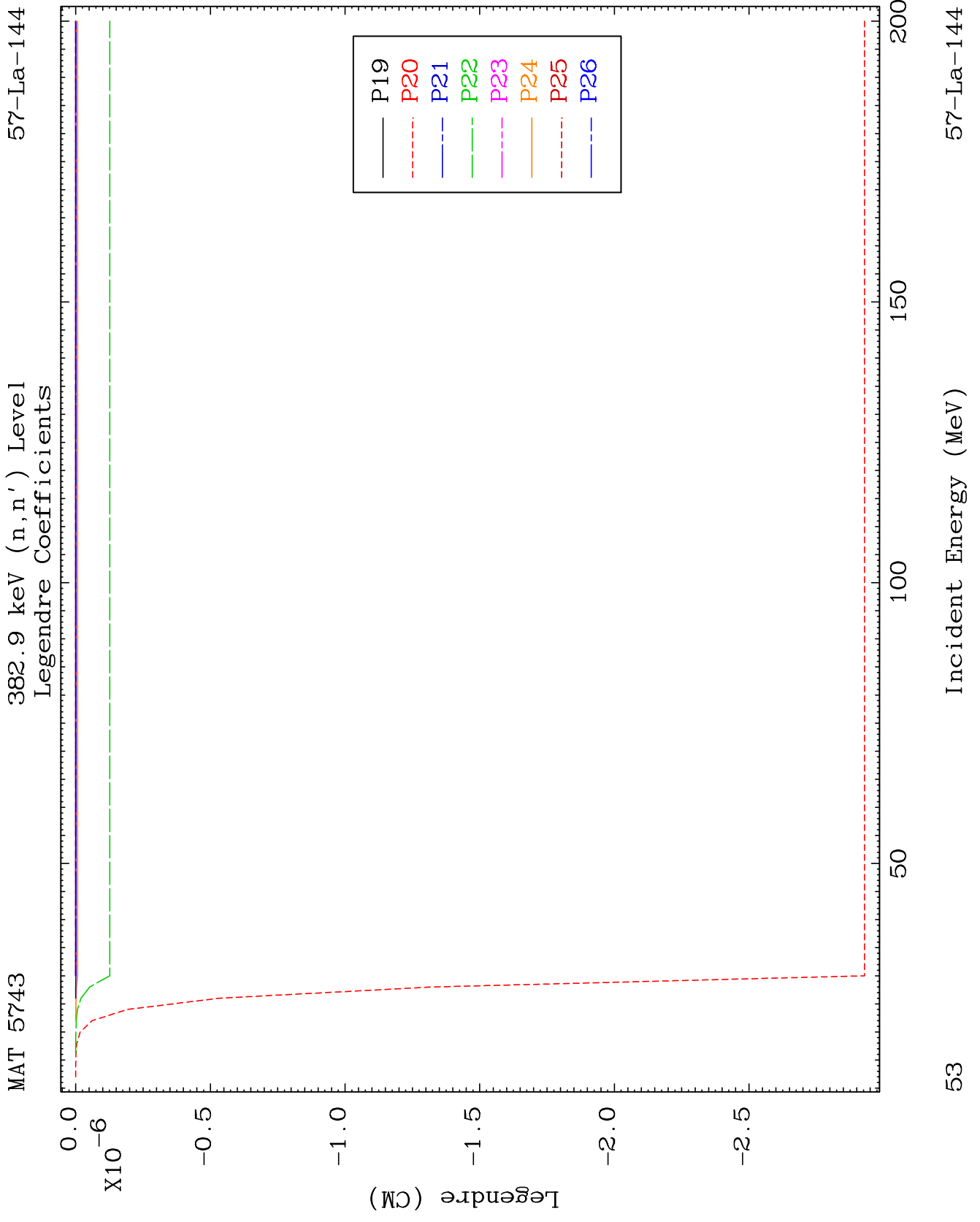
57-La-144

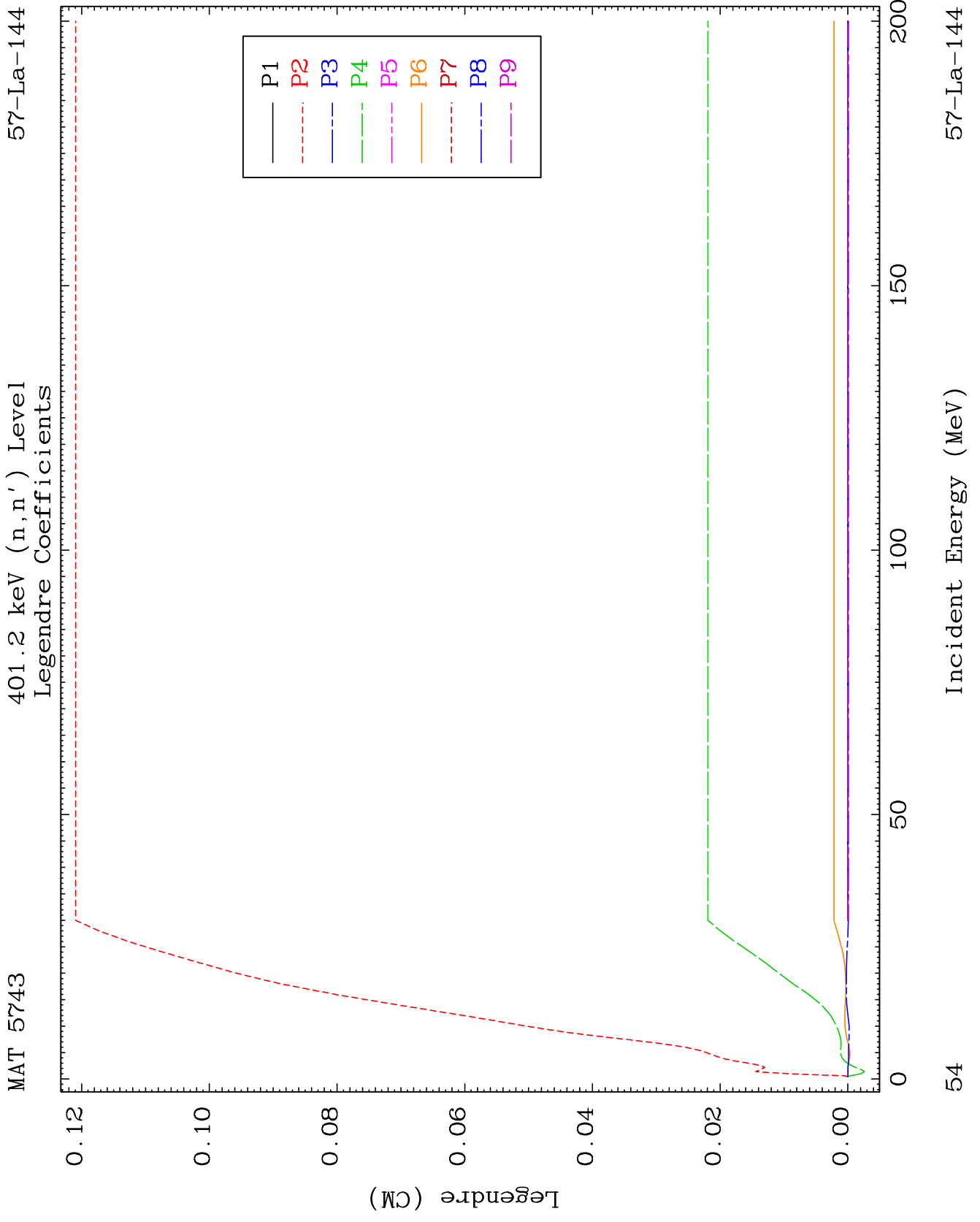


57-La-144

Incident Energy (MeV)

52

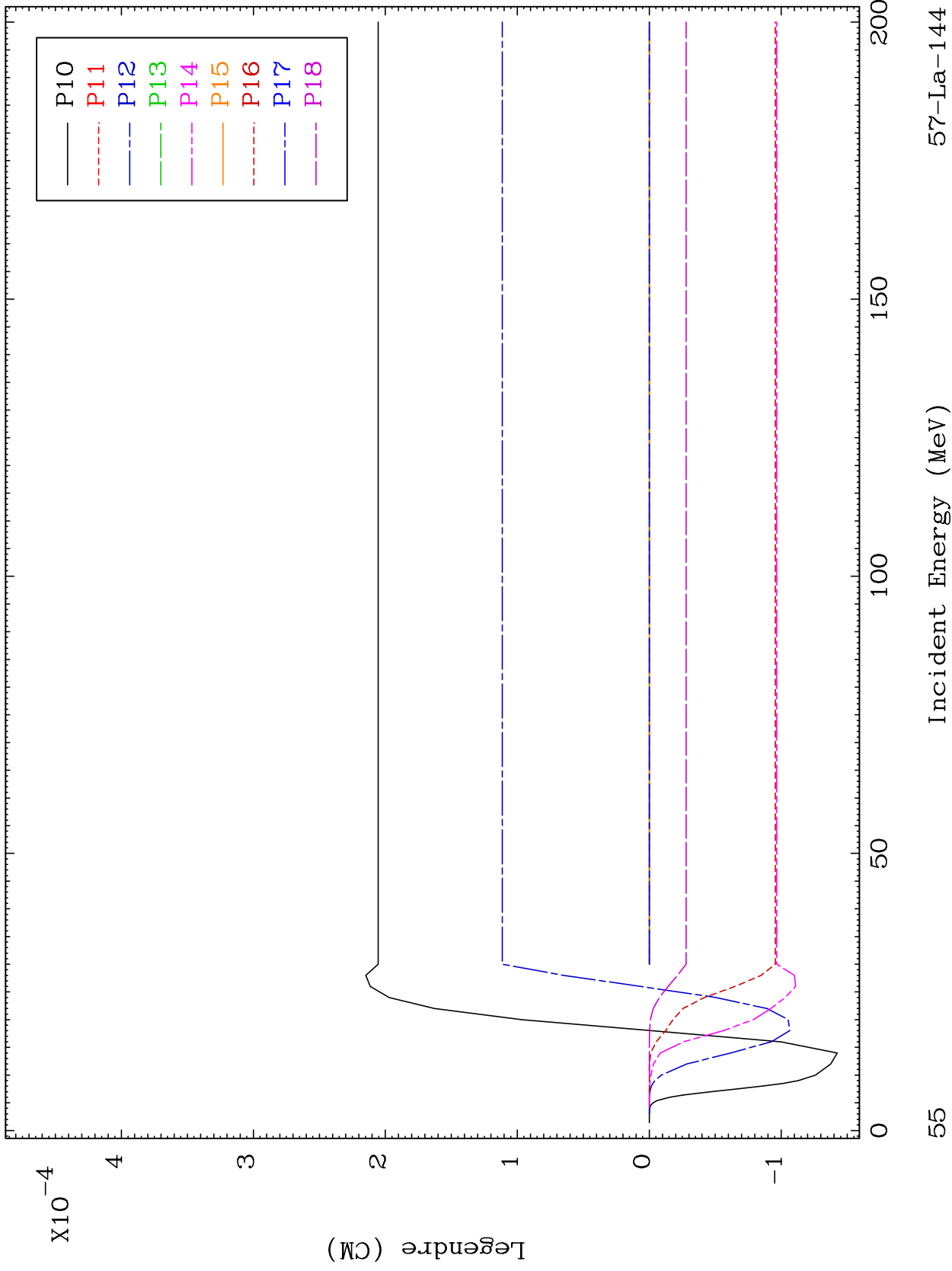




MAT 5743

401.2 keV (n,n') Level
Legendre Coefficients

57-La-144



57-La-144

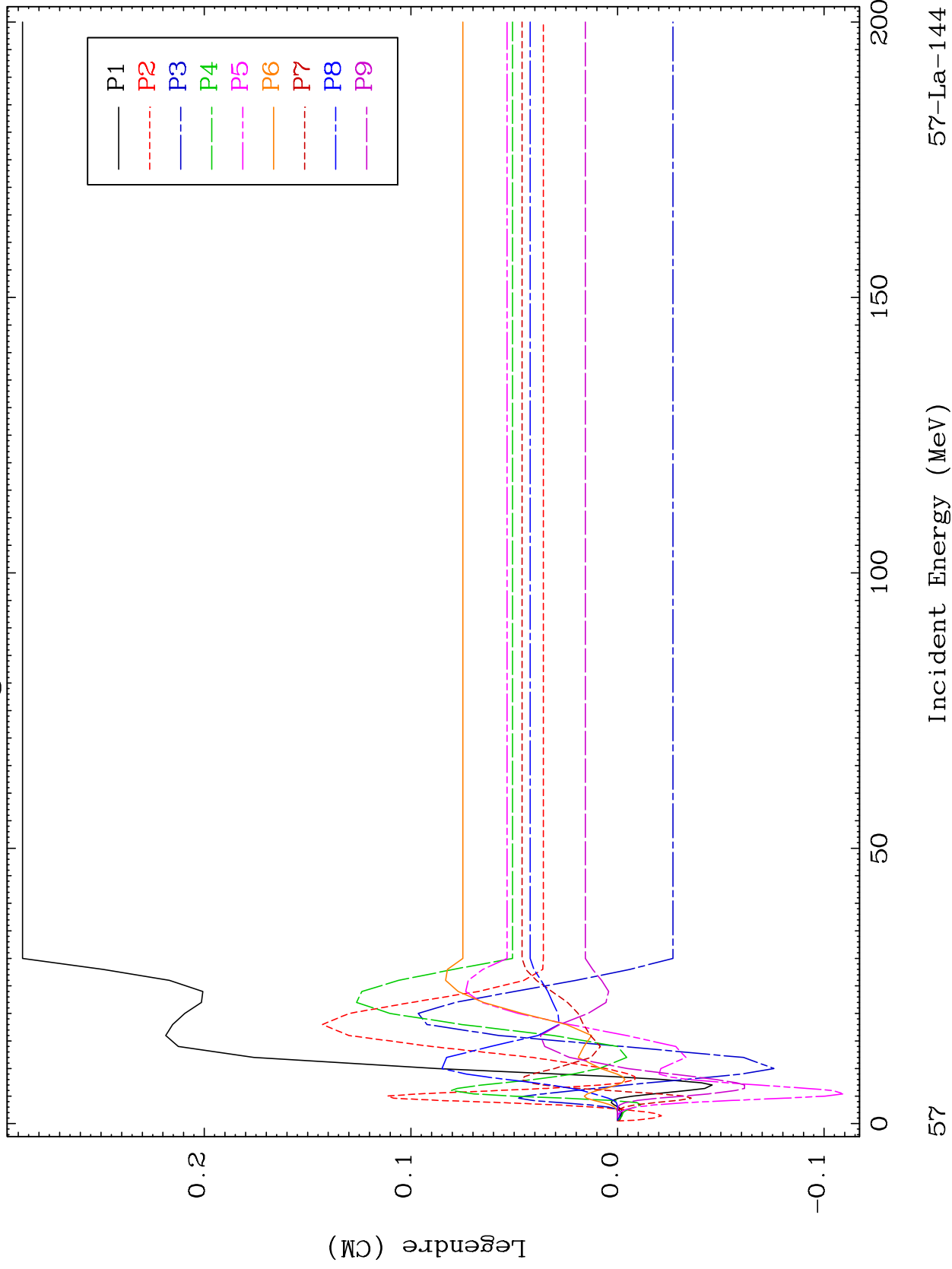
Incident Energy (MeV)

55

MAT 5743

474.6 keV (n,n') Level
Legendre Coefficients

57-La-144



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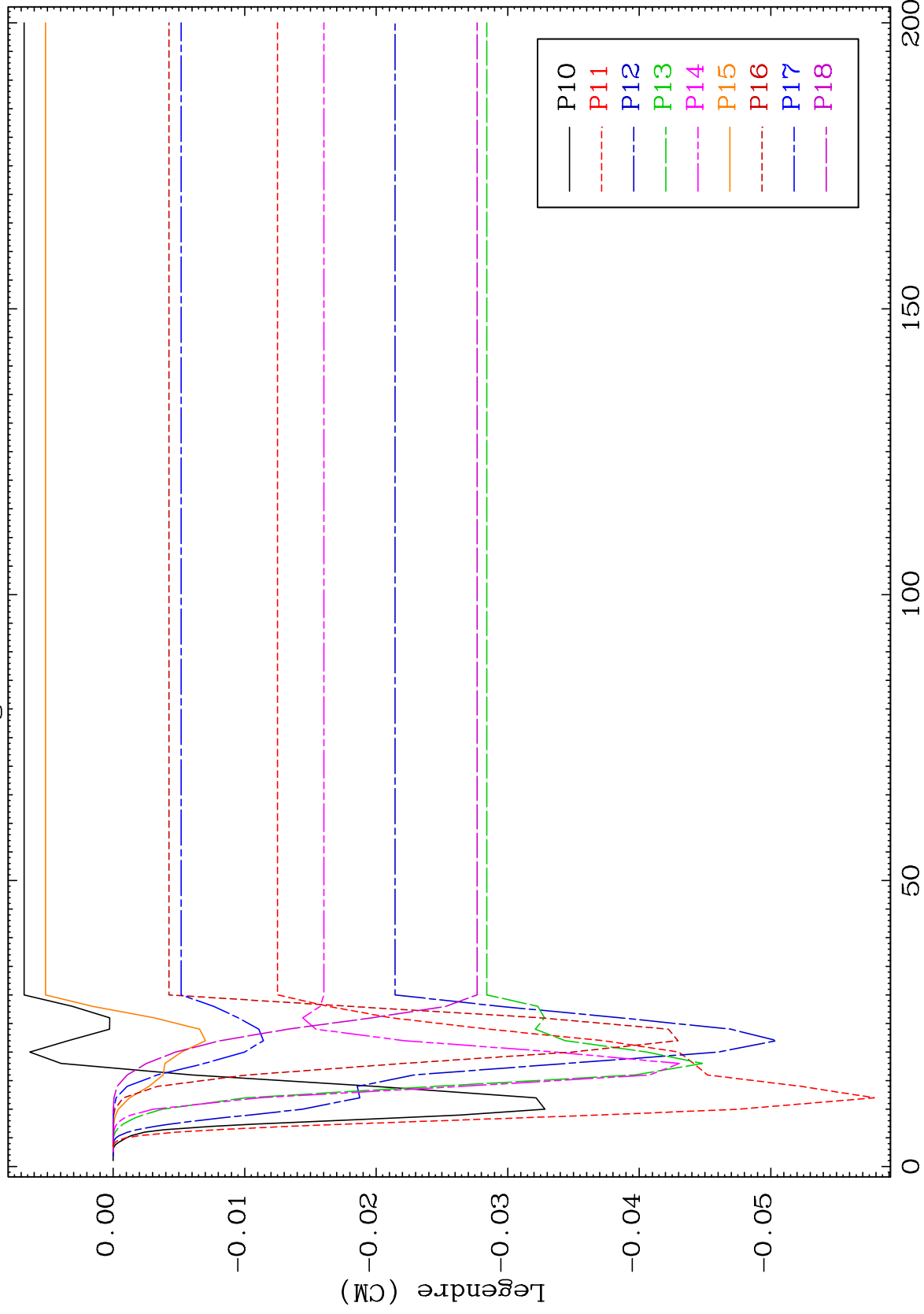
Incident Energy (MeV)

57-La-144

MAT 5743

474.6 keV (n,n') Level
Legendre Coefficients

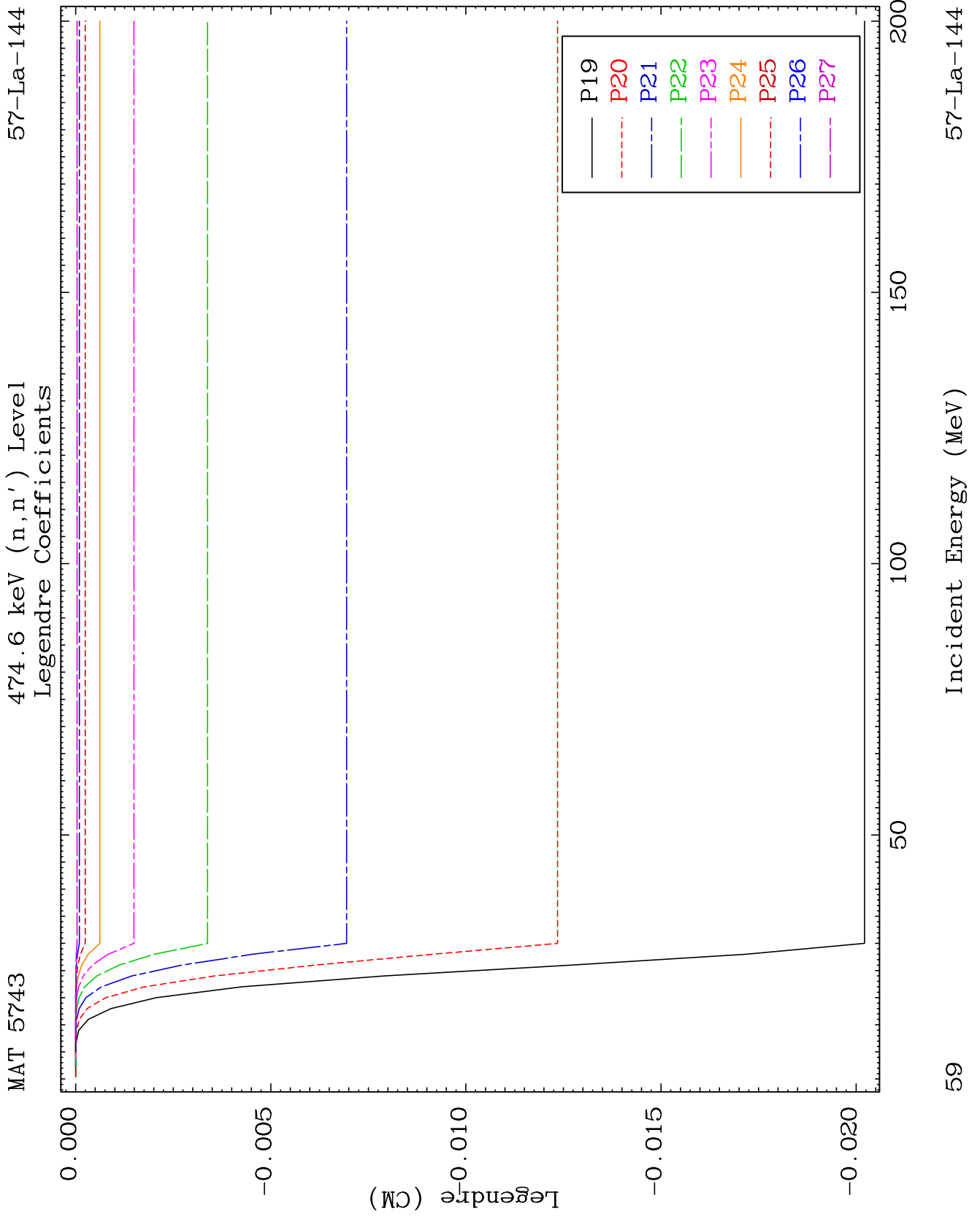
57-La-144

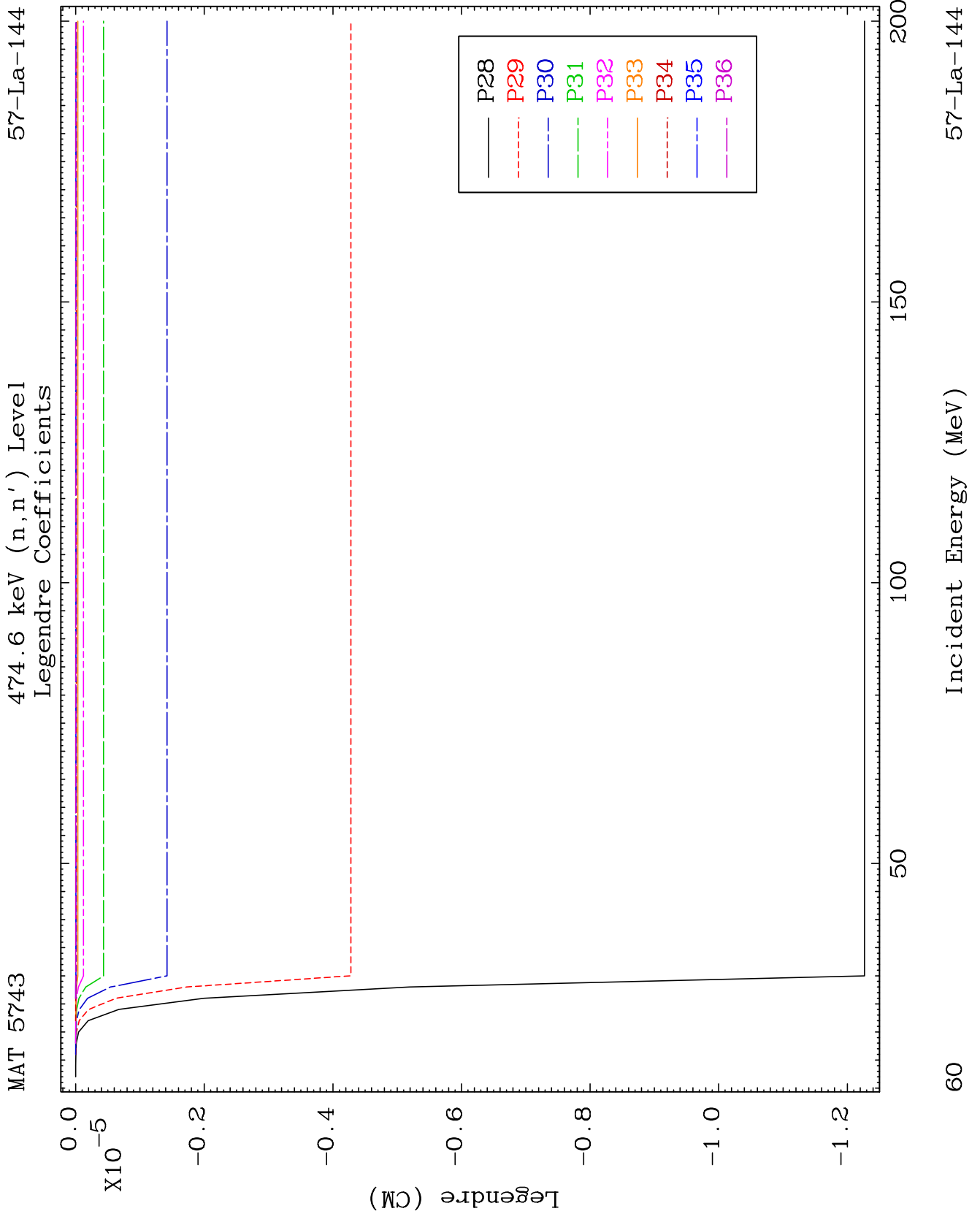


58

Incident Energy (MeV)

57-La-144

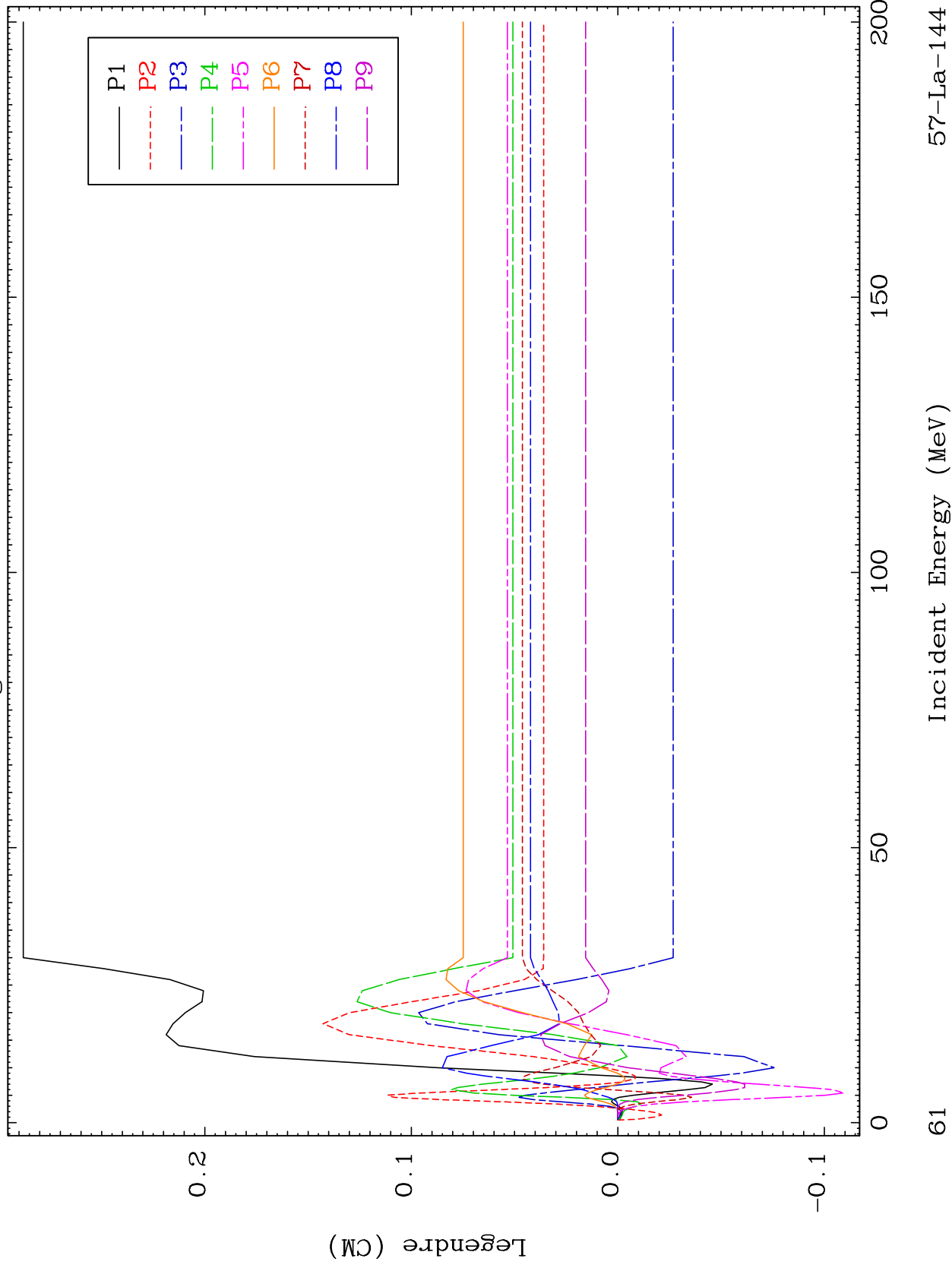




MAT 5743

476.5 keV (n,n') Level
Legendre Coefficients

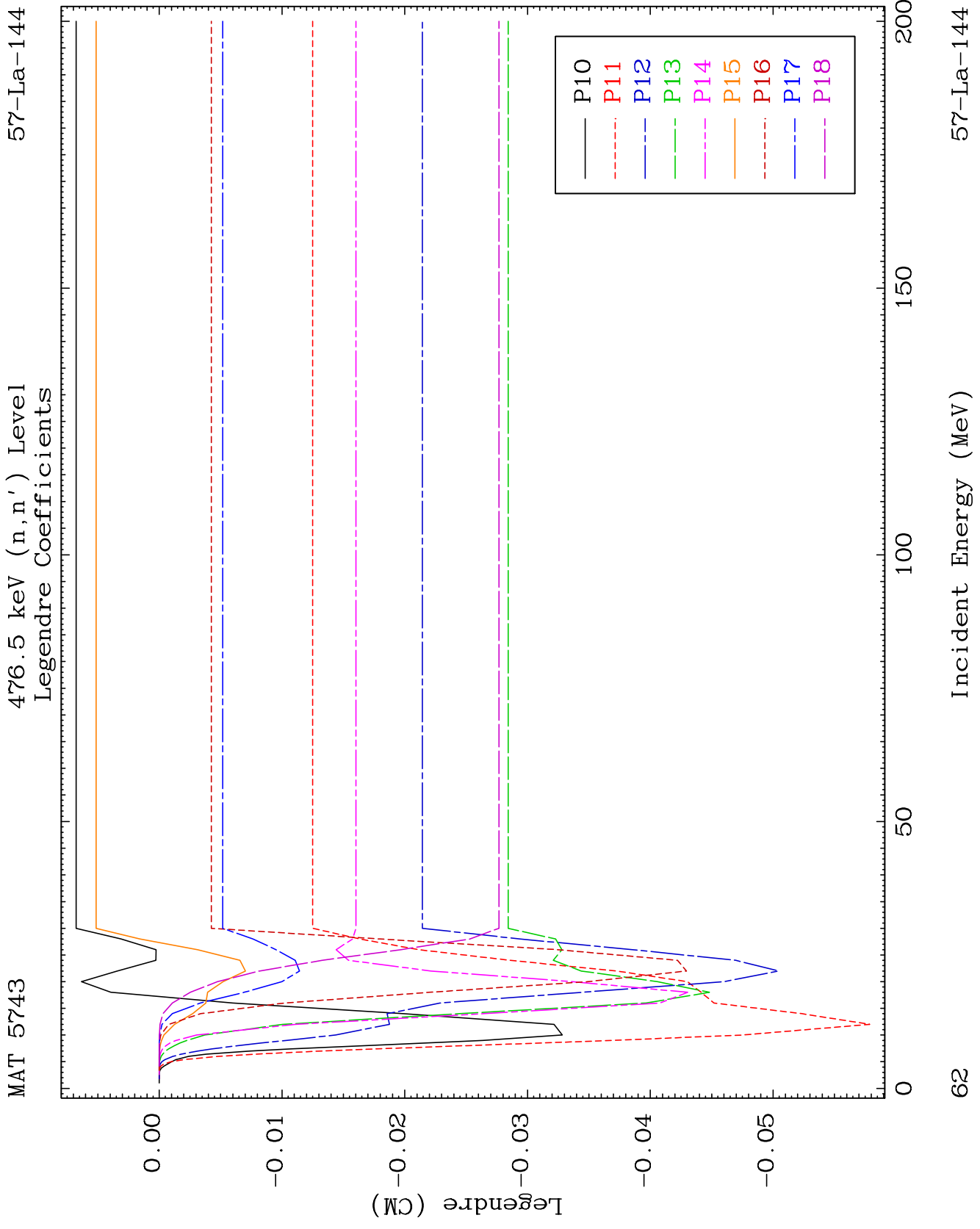
57-La-144

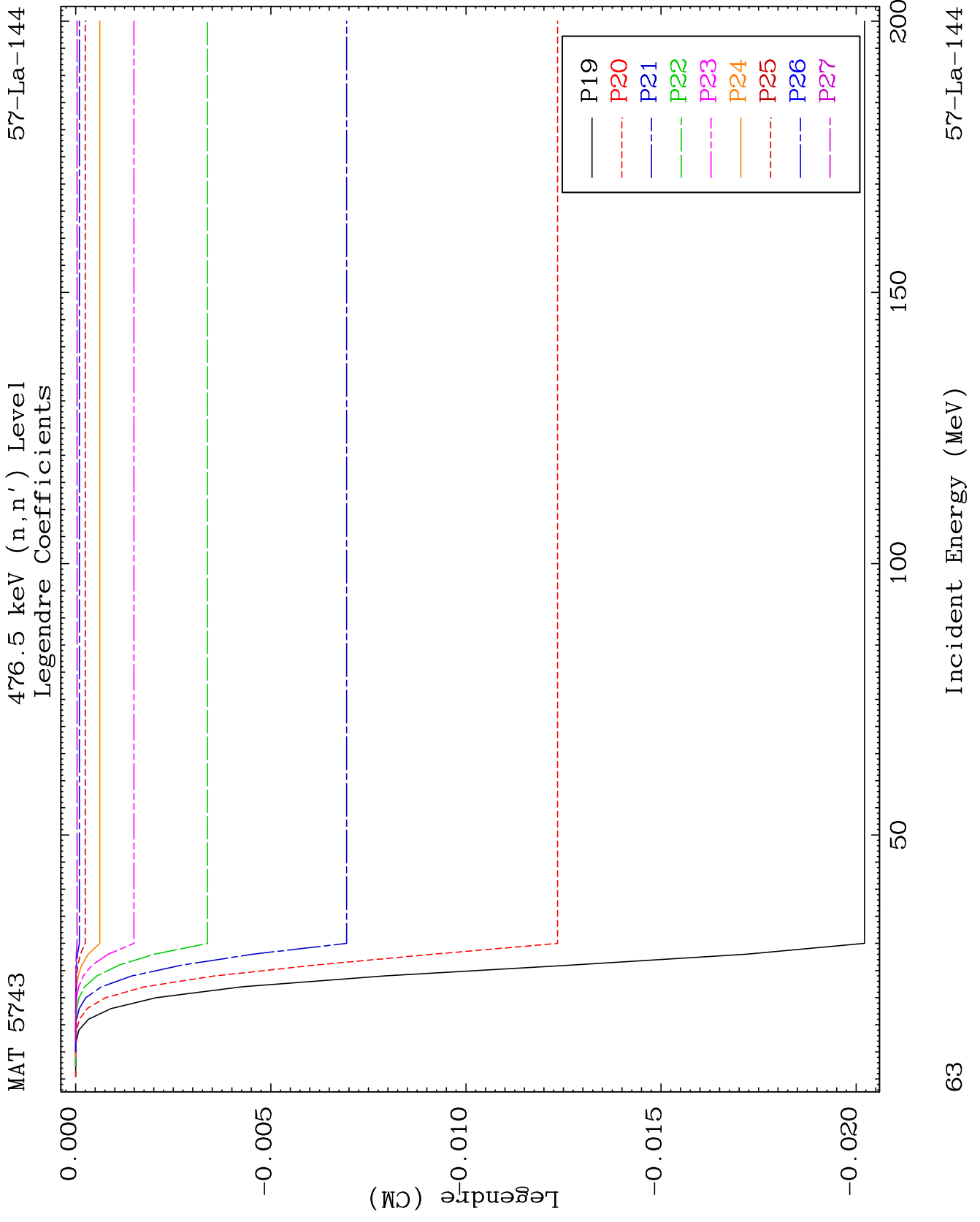


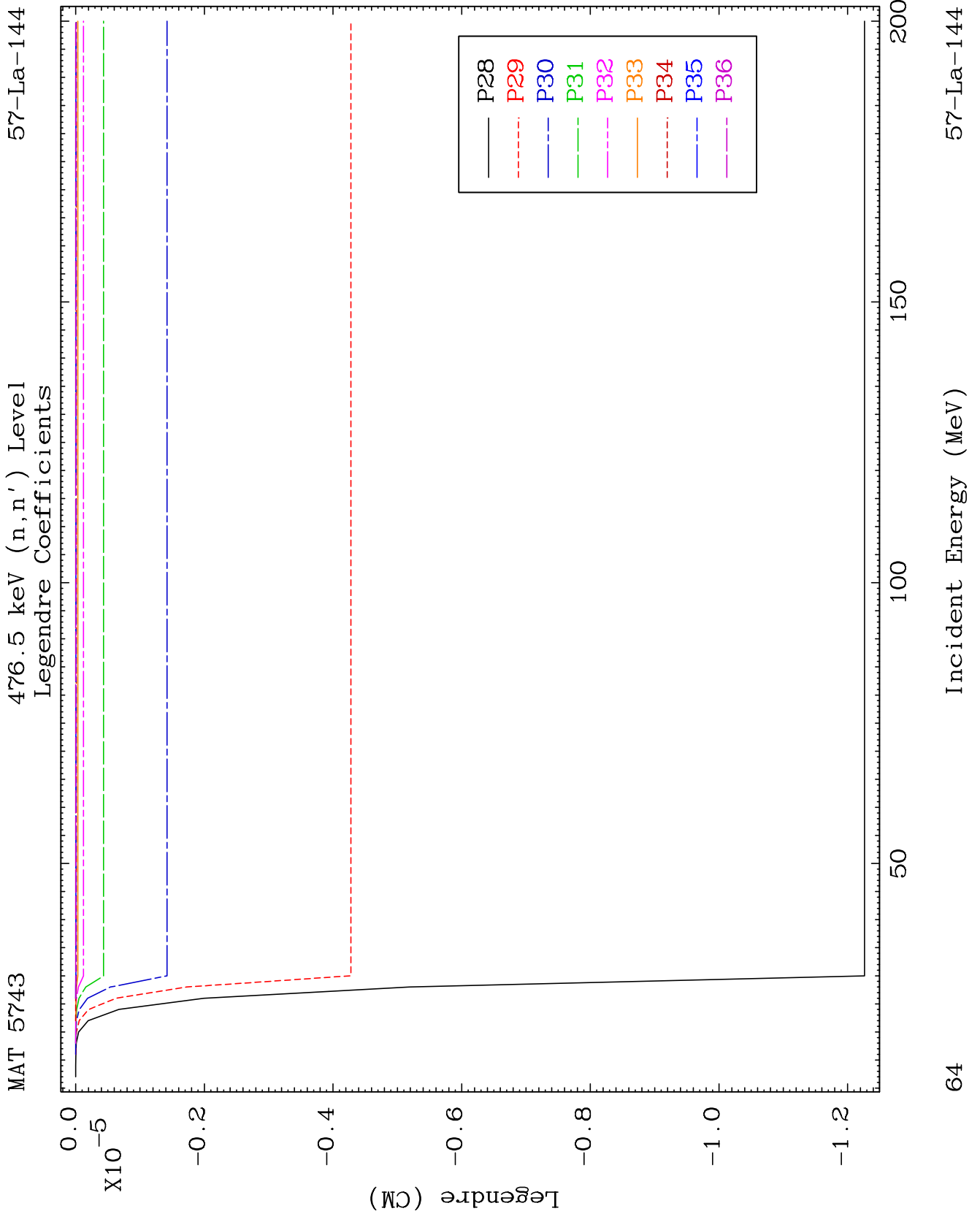
61

Incident Energy (MeV)

57-La-144



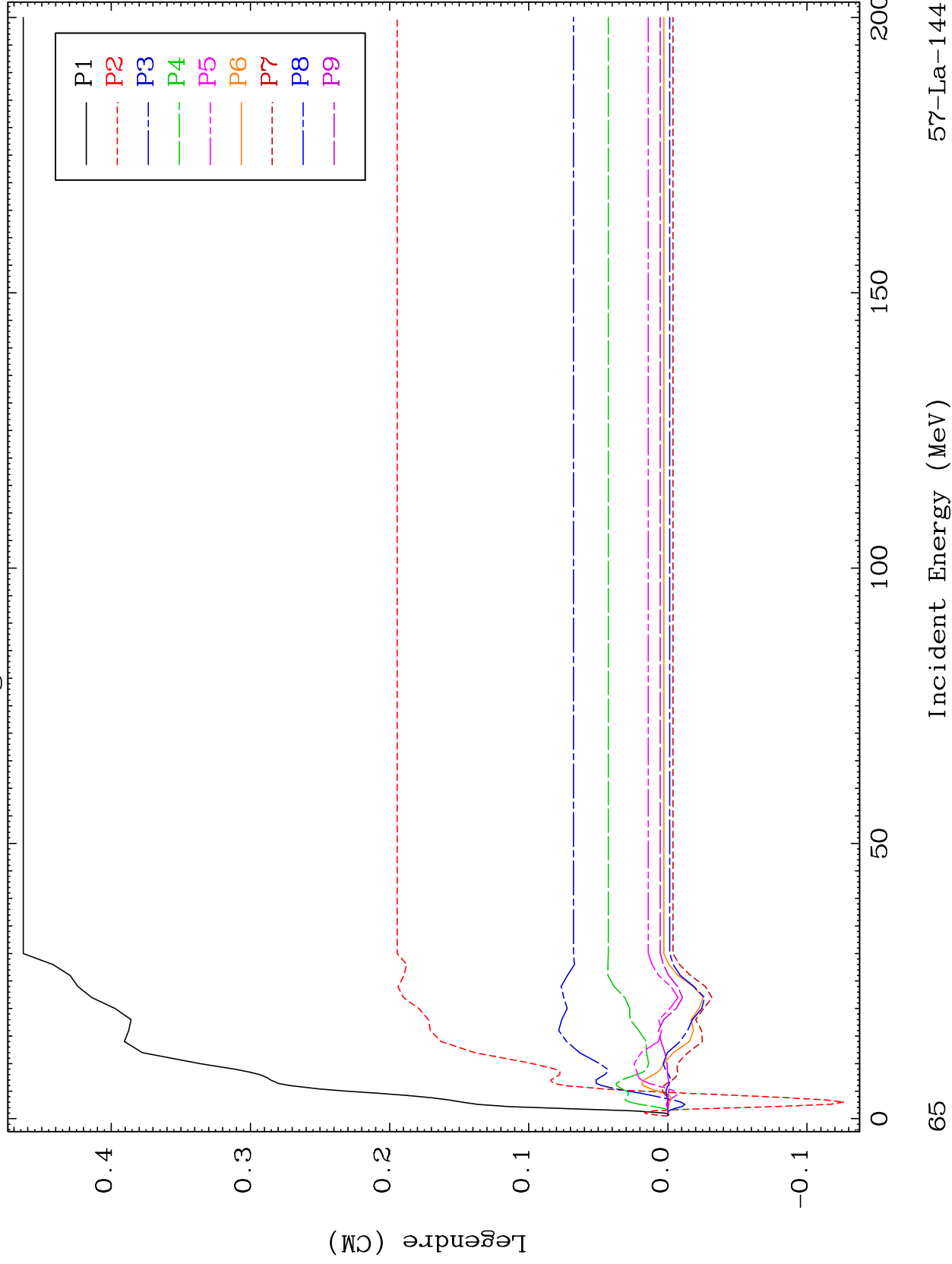




MAT 5743

477.4 keV (n,n') Level
Legendre Coefficients

57-La-144



57-La-144

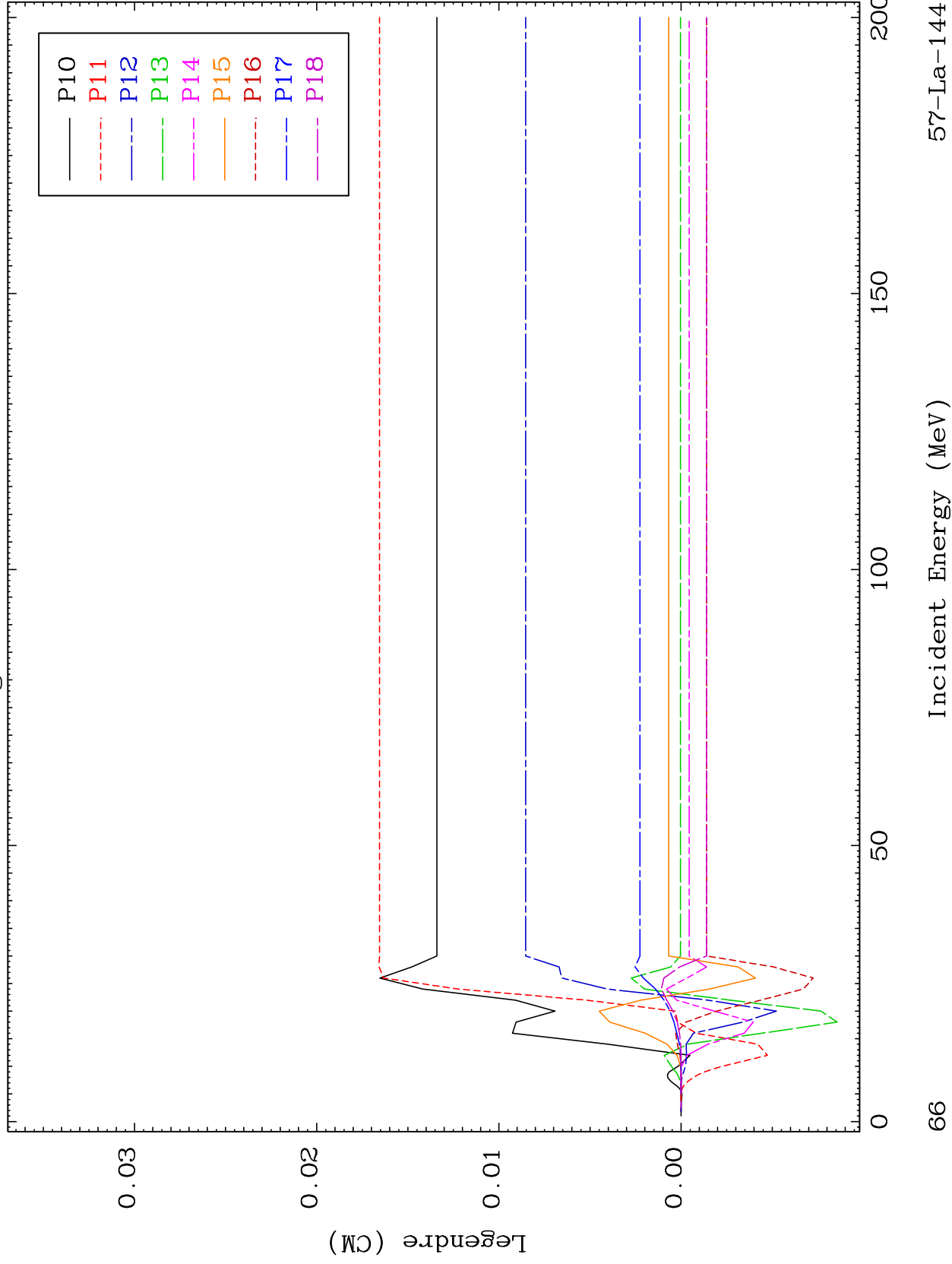
Incident Energy (MeV)

65

MAT 5743

477.4 keV (n,n') Level
Legendre Coefficients

57-La-144



57-La-144

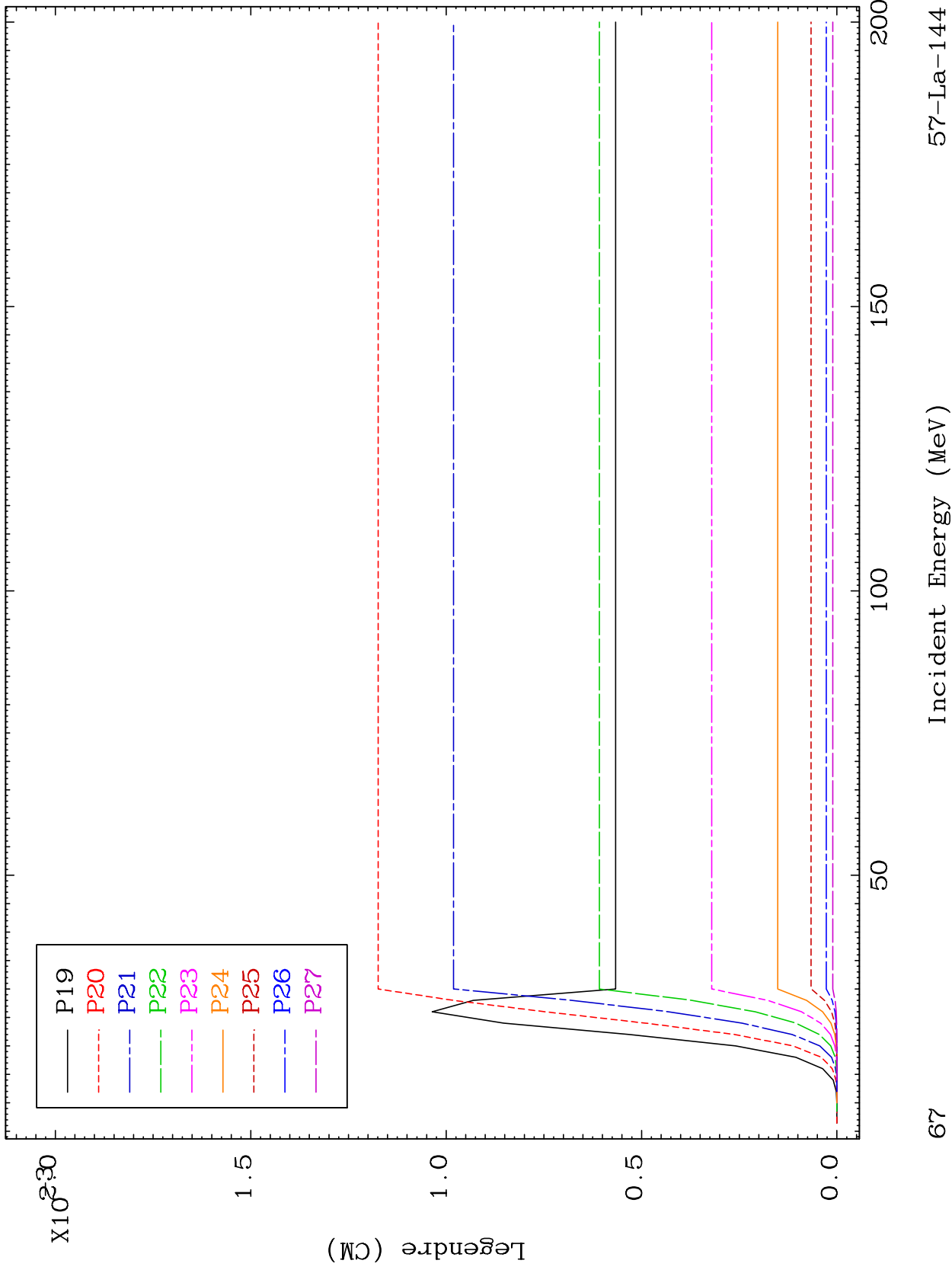
Incident Energy (MeV)

66

MAT 5743

477.4 keV (n,n') Level
Legendre Coefficients

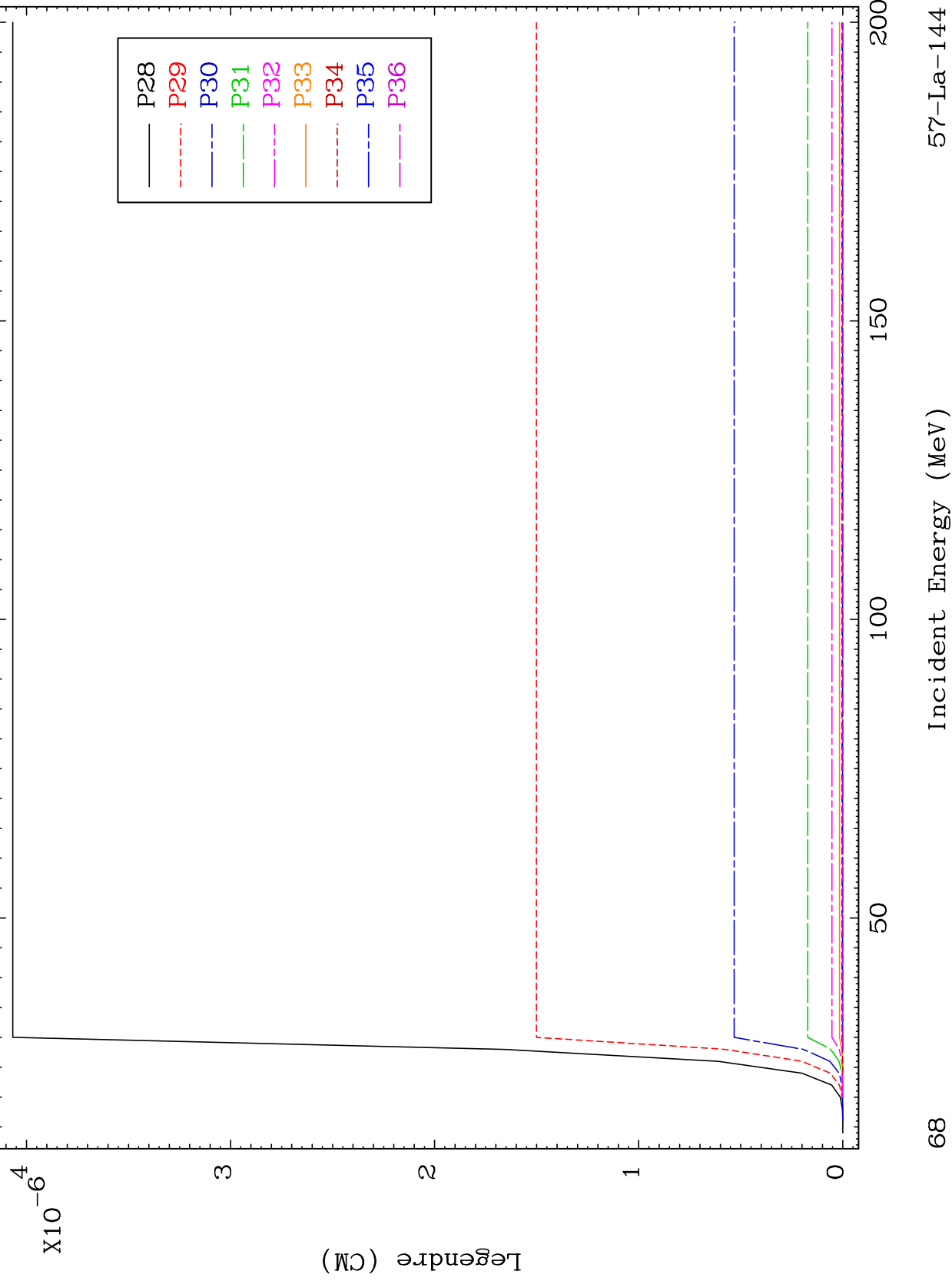
57-La-144



MAT 5743

477.4 keV (n,n') Level
Legendre Coefficients

57-La-144



68

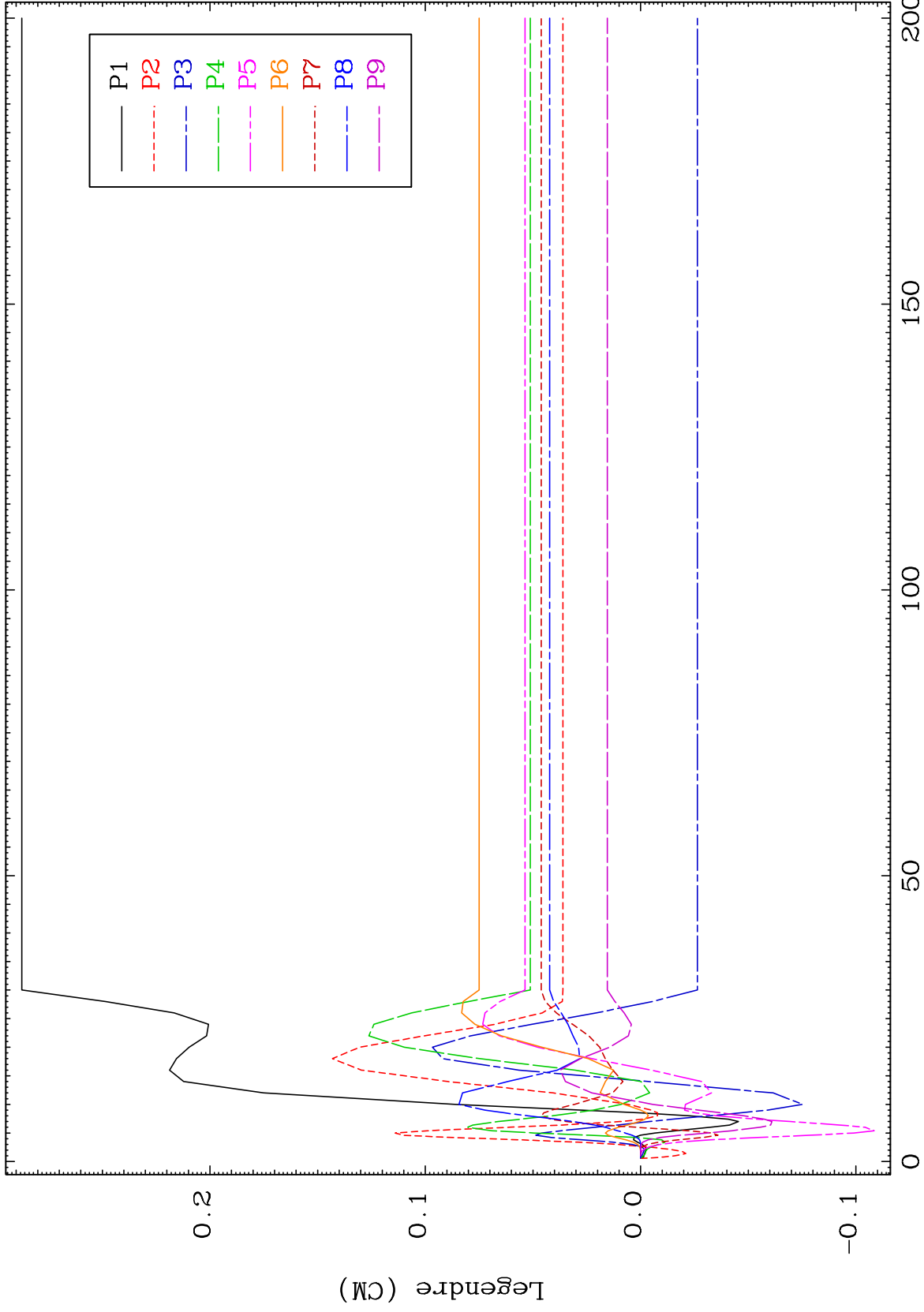
Incident Energy (MeV)

57-La-144

MAT 5743

550.0 keV (n,n') Level
Legendre Coefficients

57-La-144



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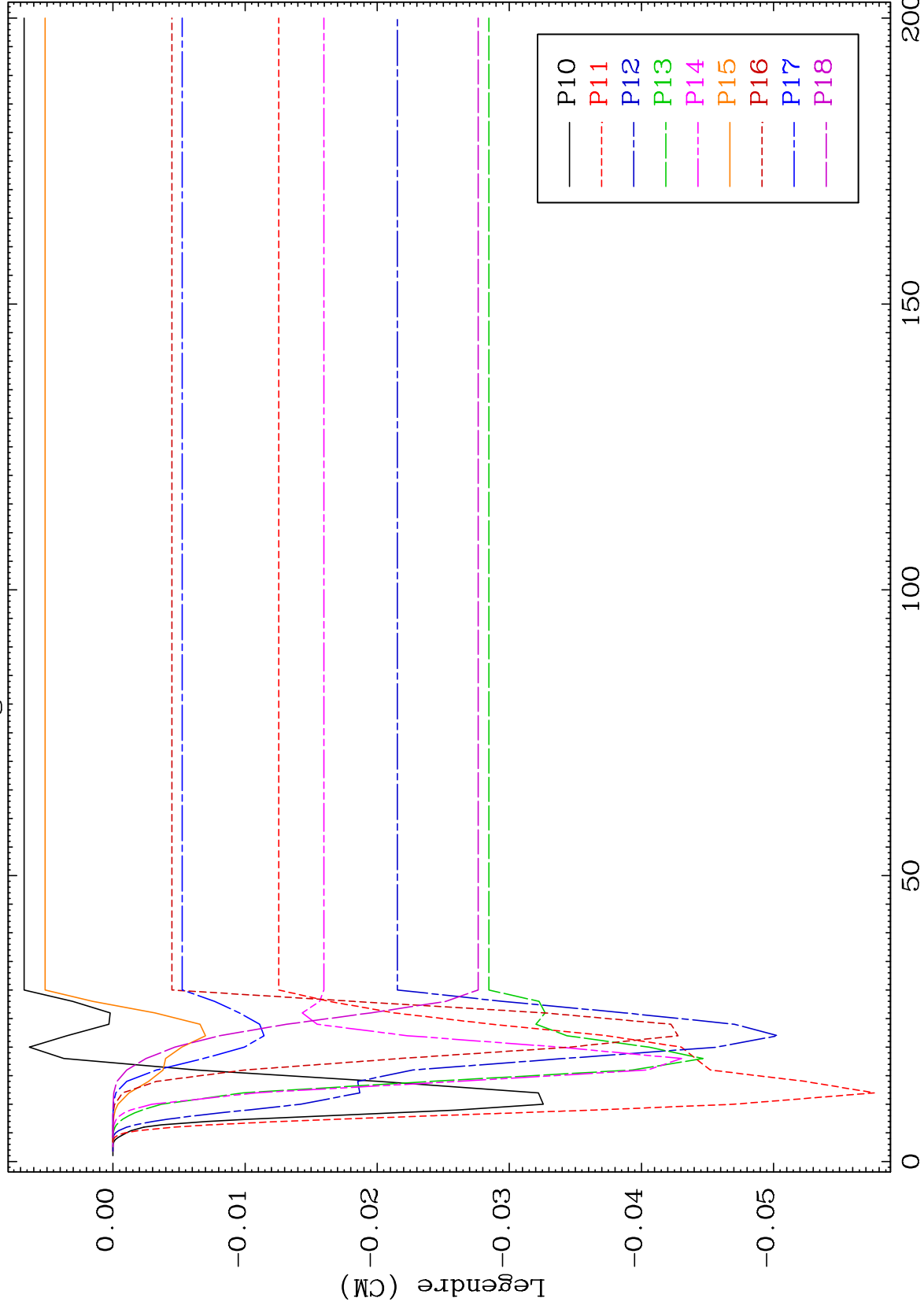
Incident Energy (MeV)

57-La-144

MAT 5743

550.0 keV (n,n') Level
Legendre Coefficients

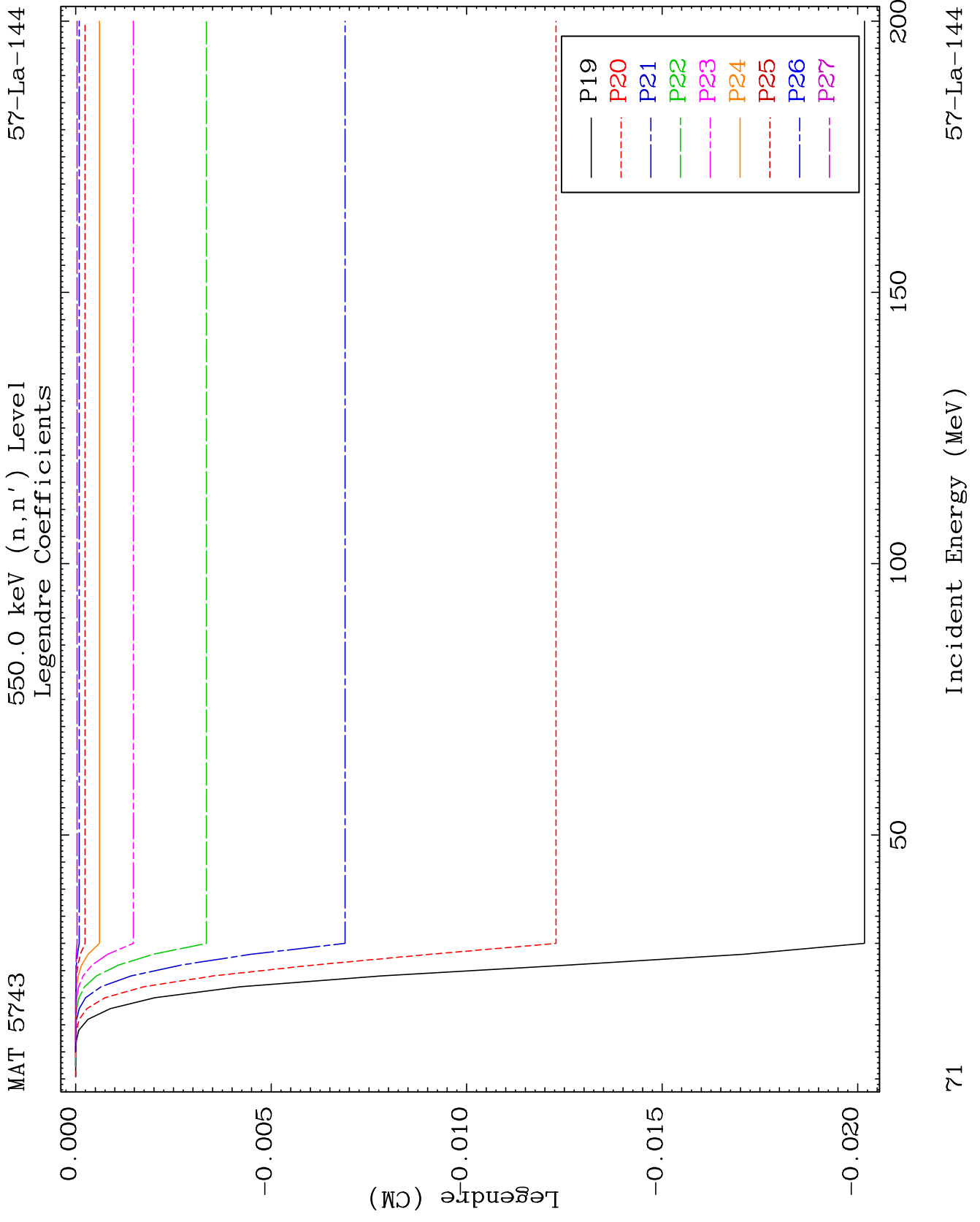
57-La-144

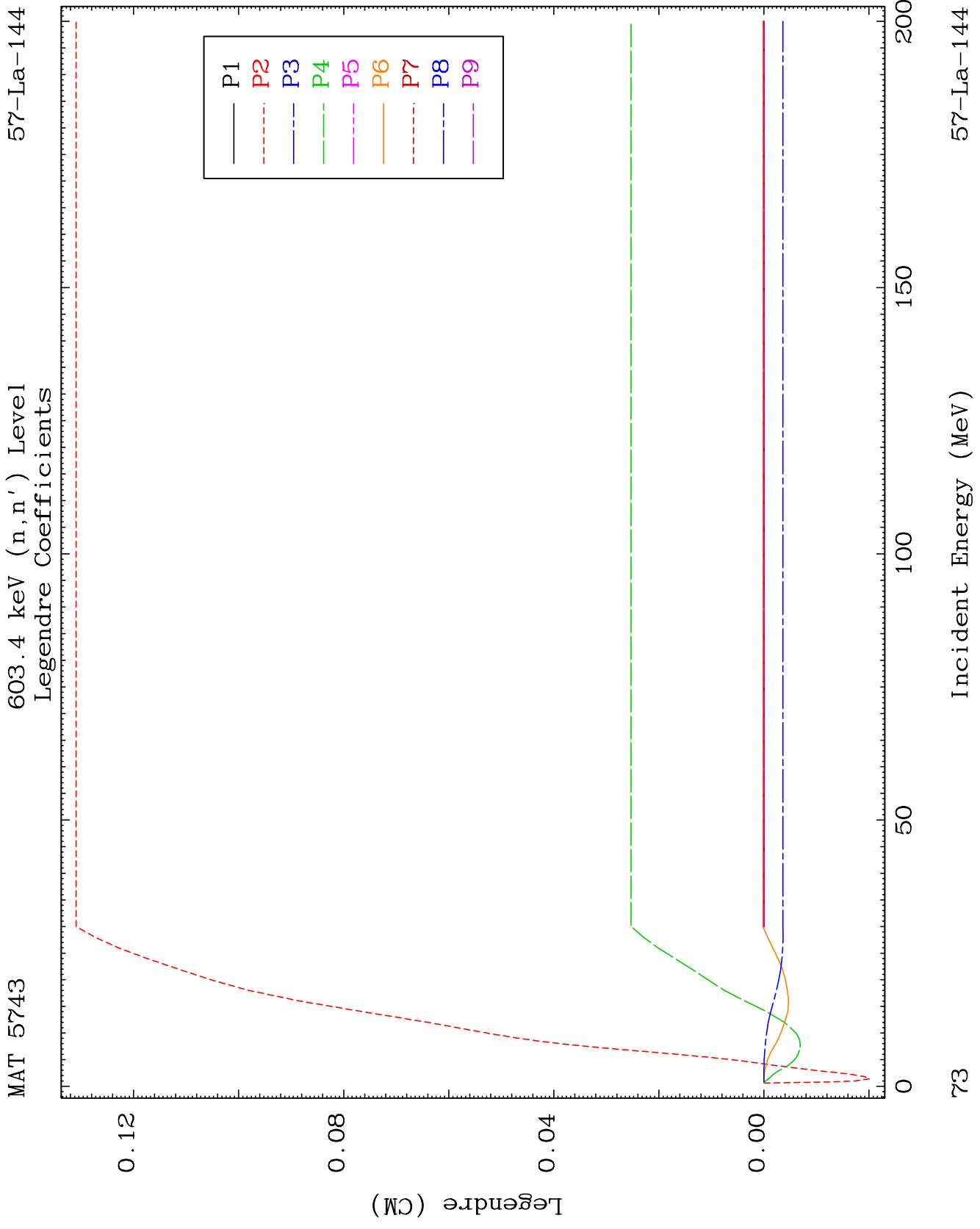


57-La-144

Incident Energy (MeV)

70

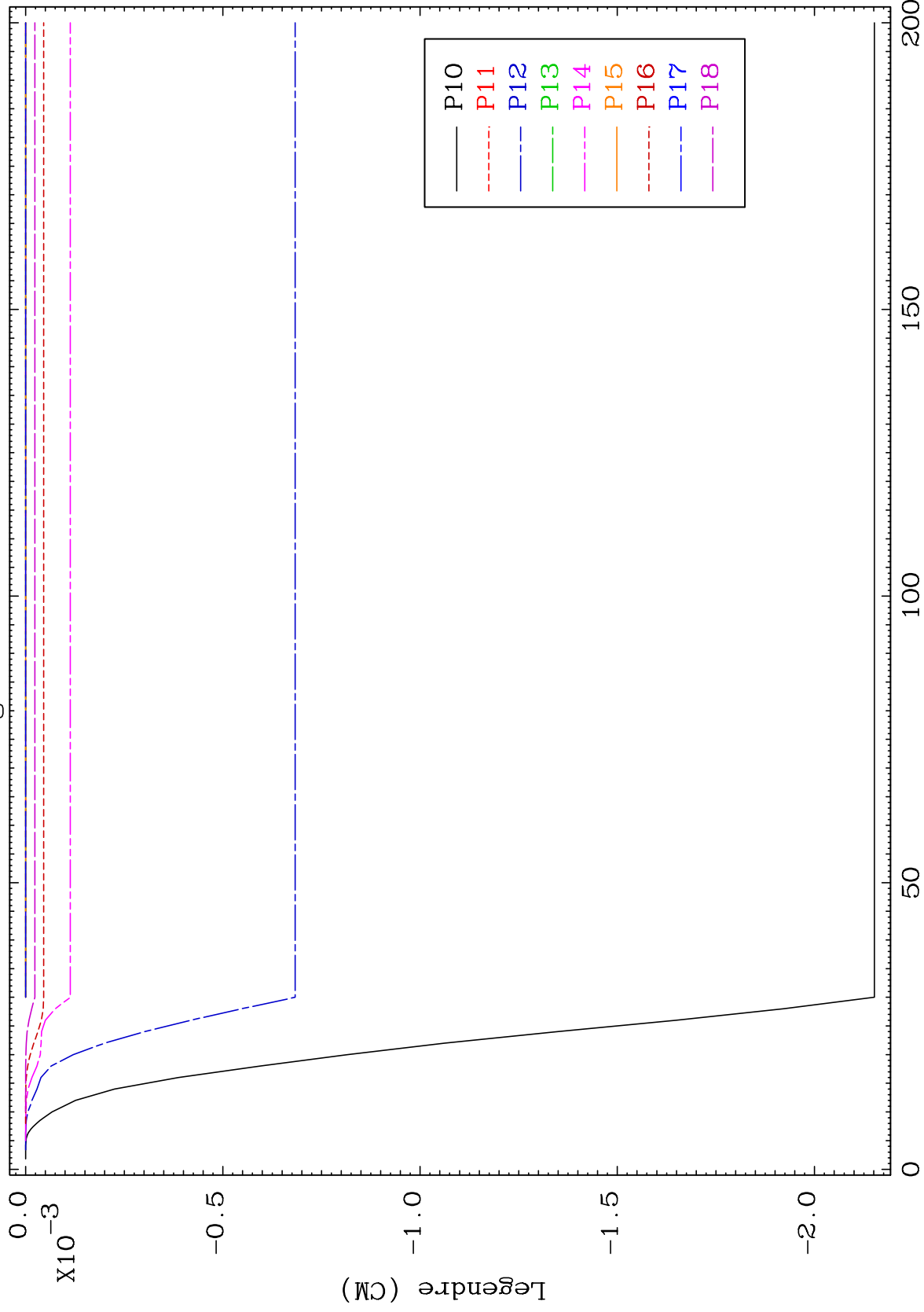




MAT 5743

603.4 keV (n,n') Level
Legendre Coefficients

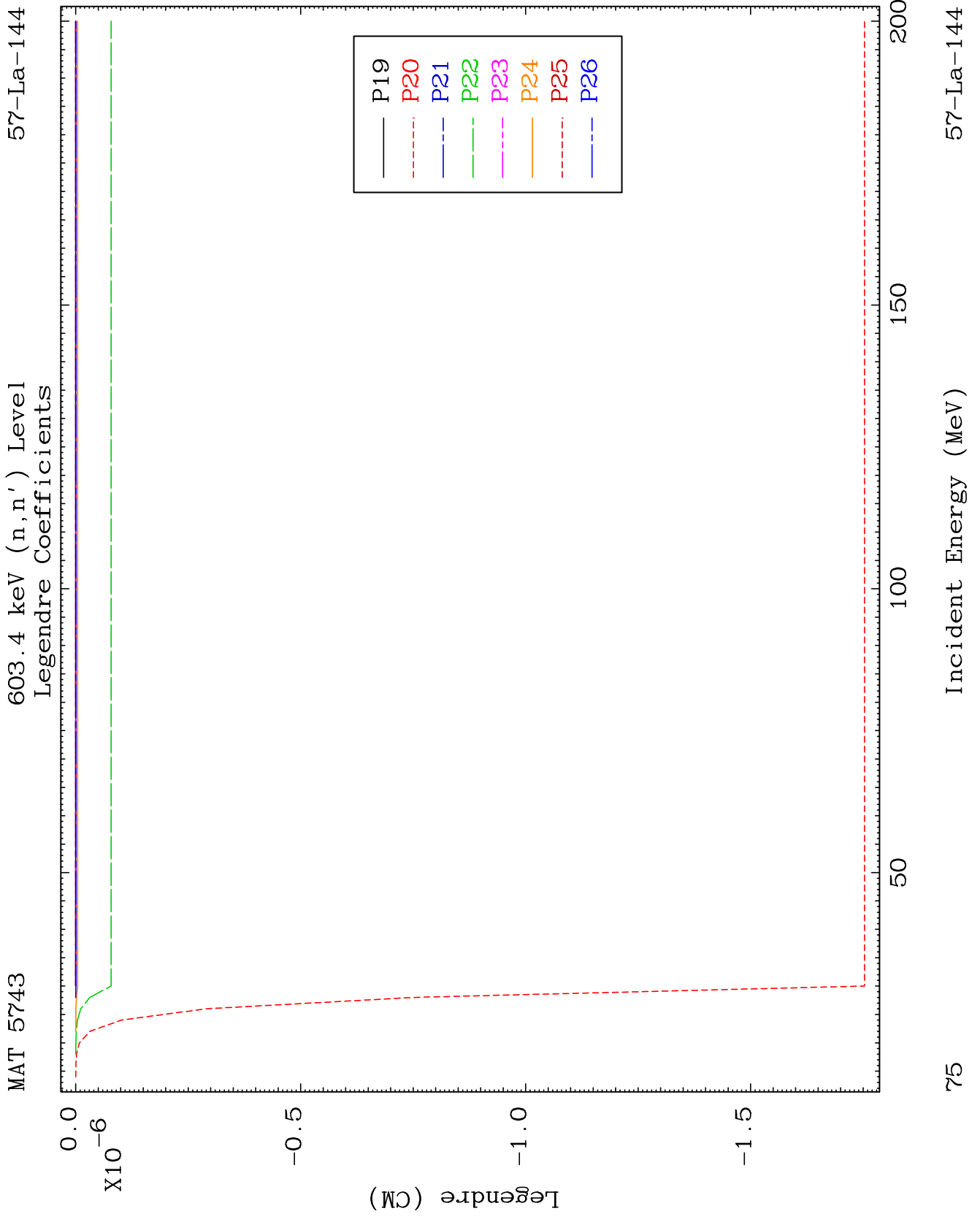
57-La-144

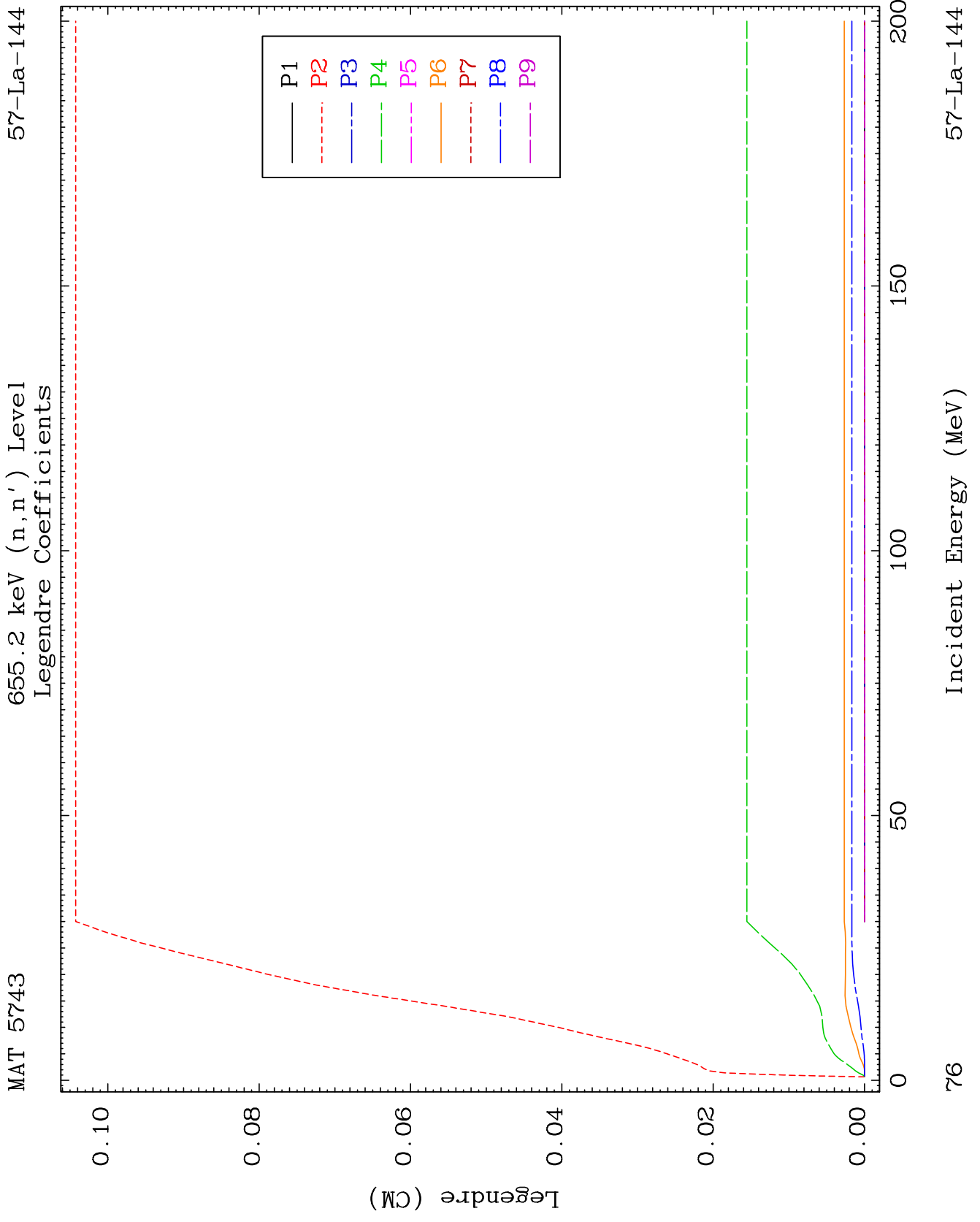


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Incident Energy (MeV)

57-La-144

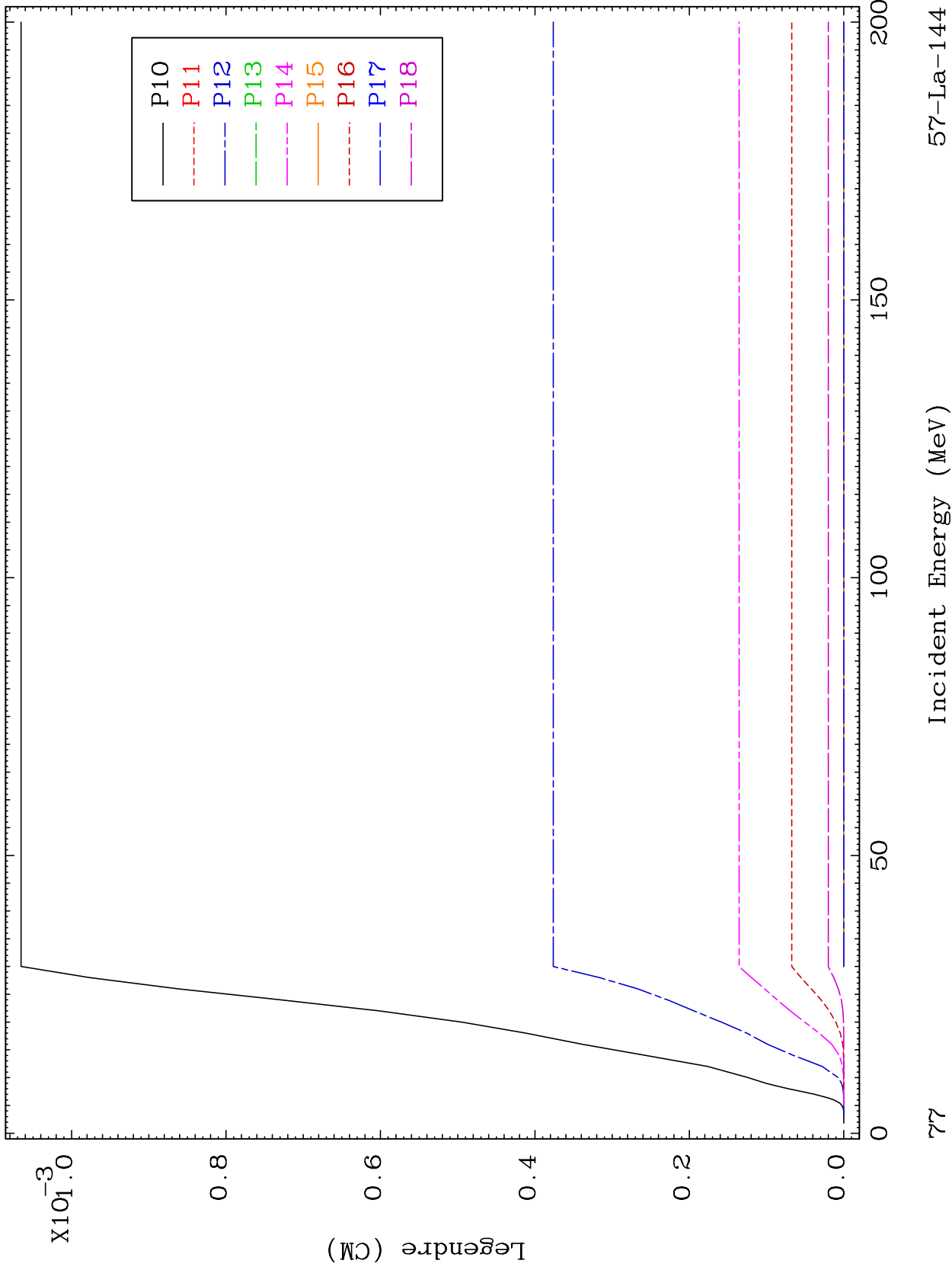




MAT 5743

655.2 keV (n,n') Level
Legendre Coefficients

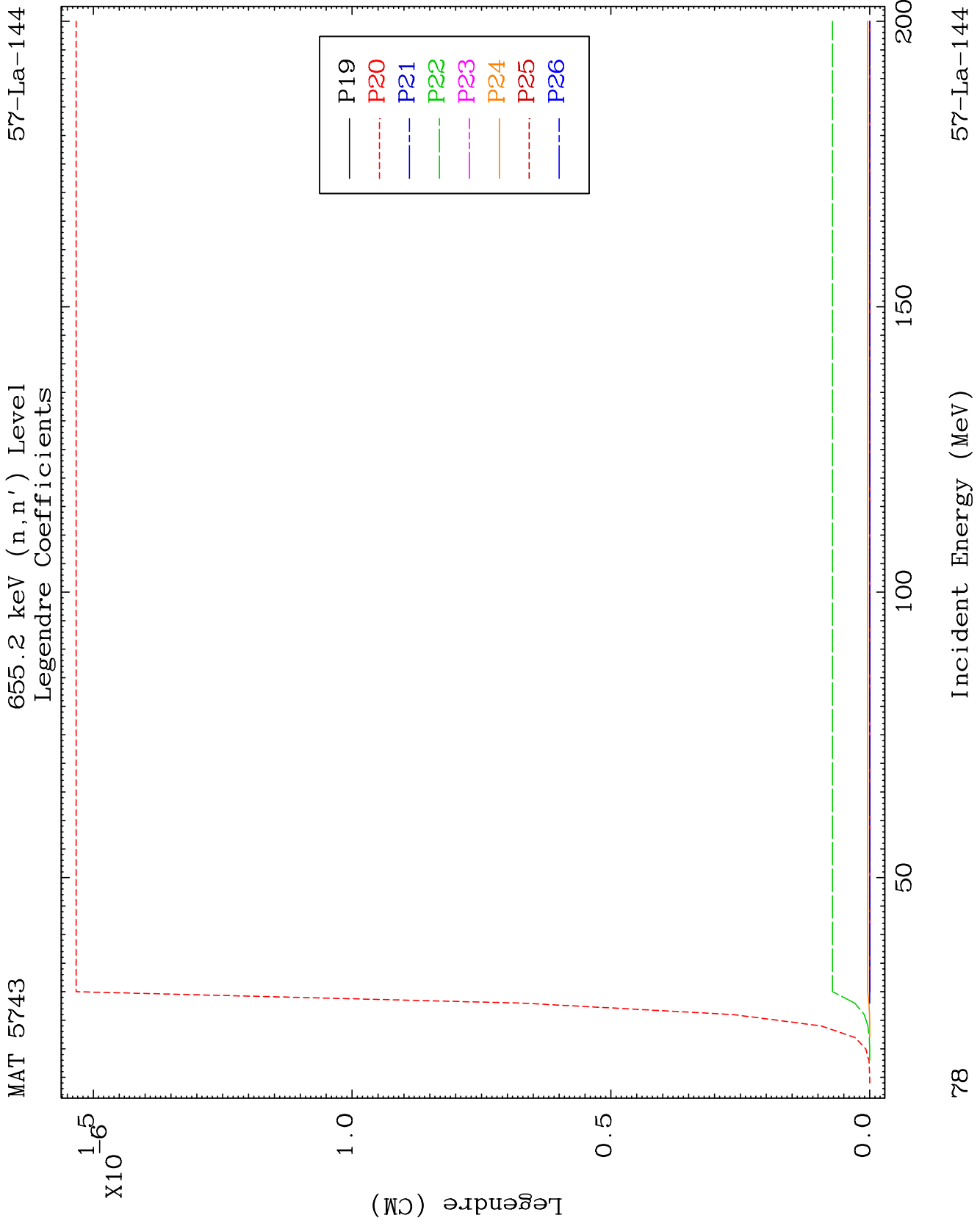
57-La-144



77

Incident Energy (MeV)

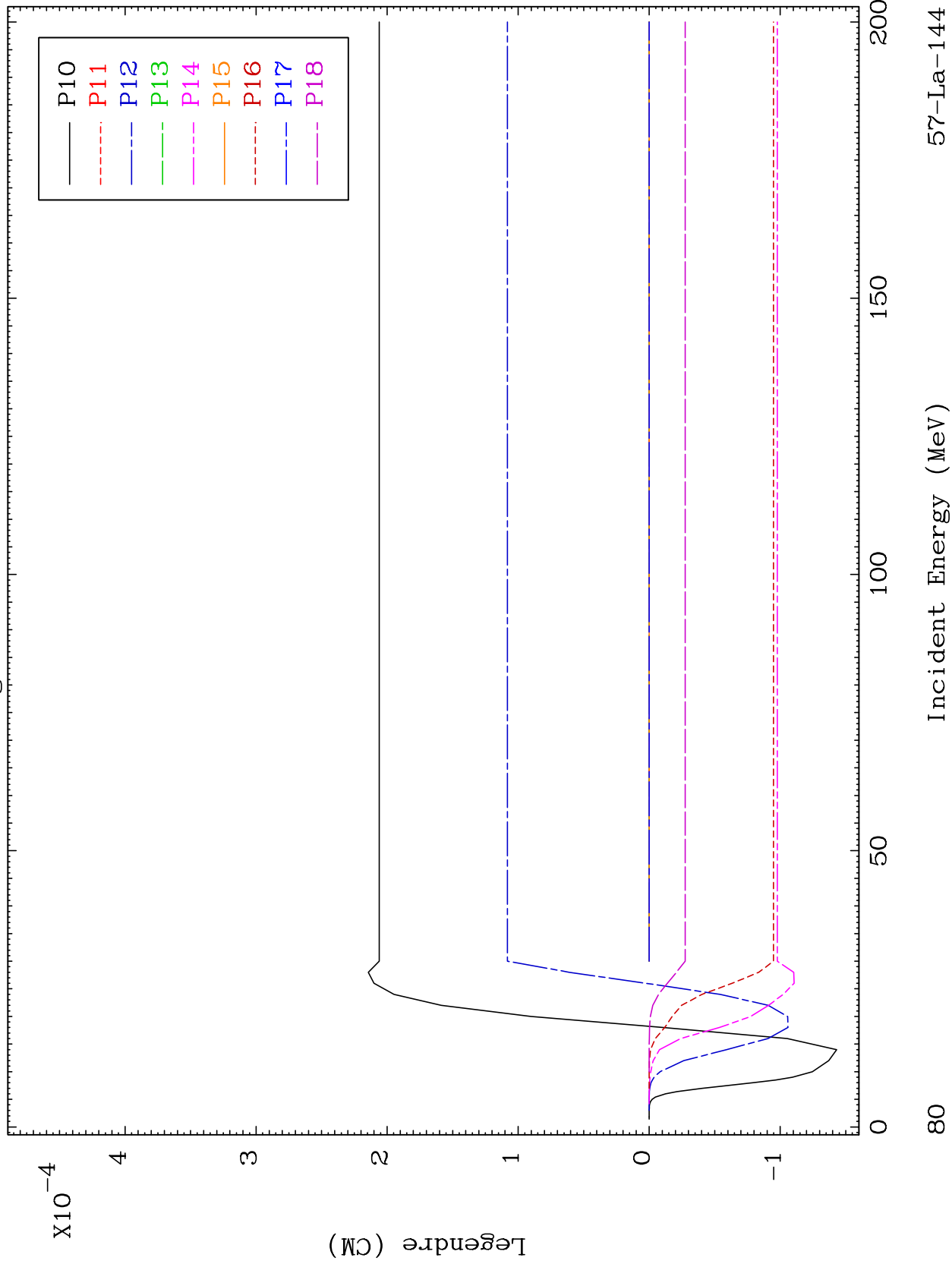
57-La-144



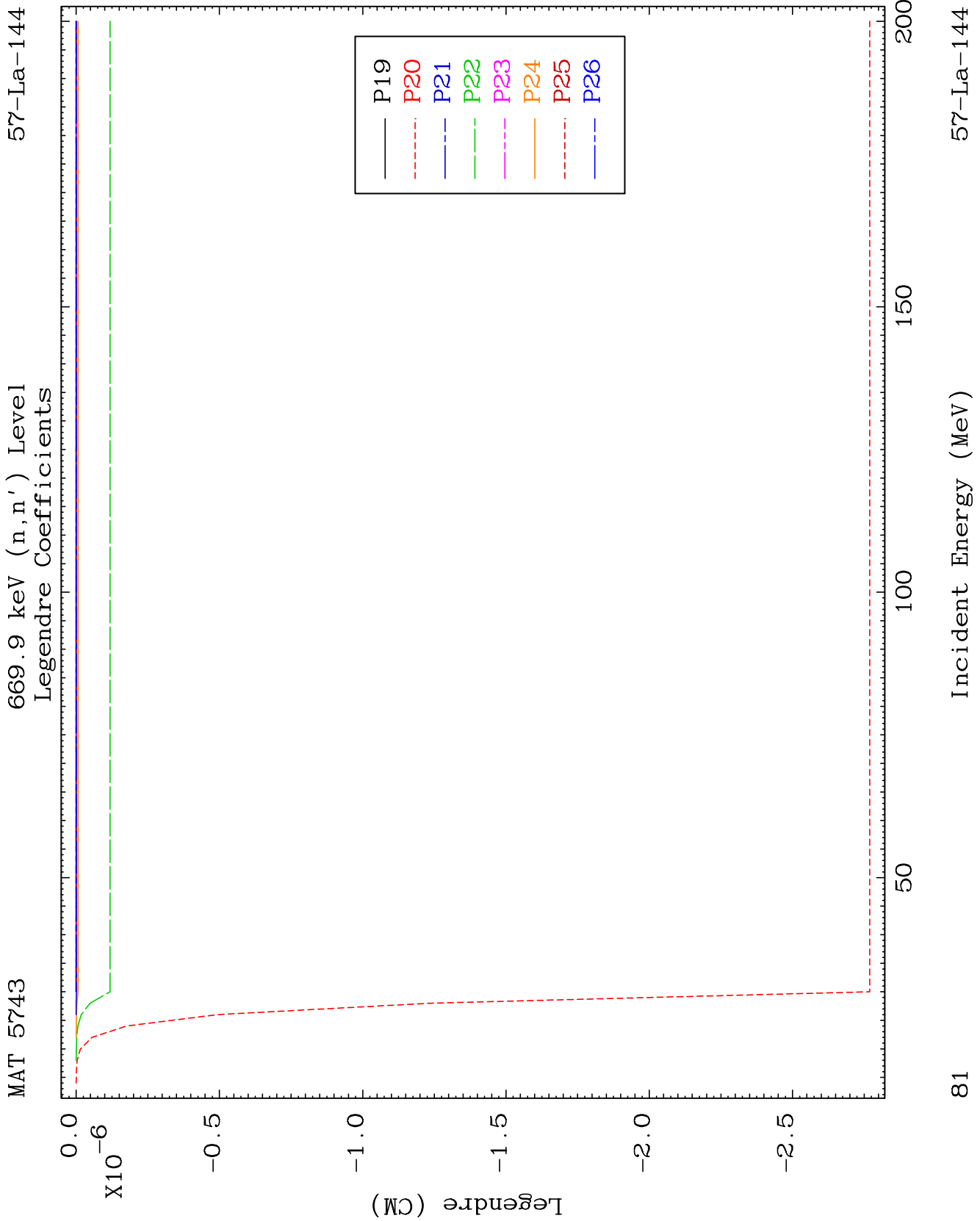
MAT 5743

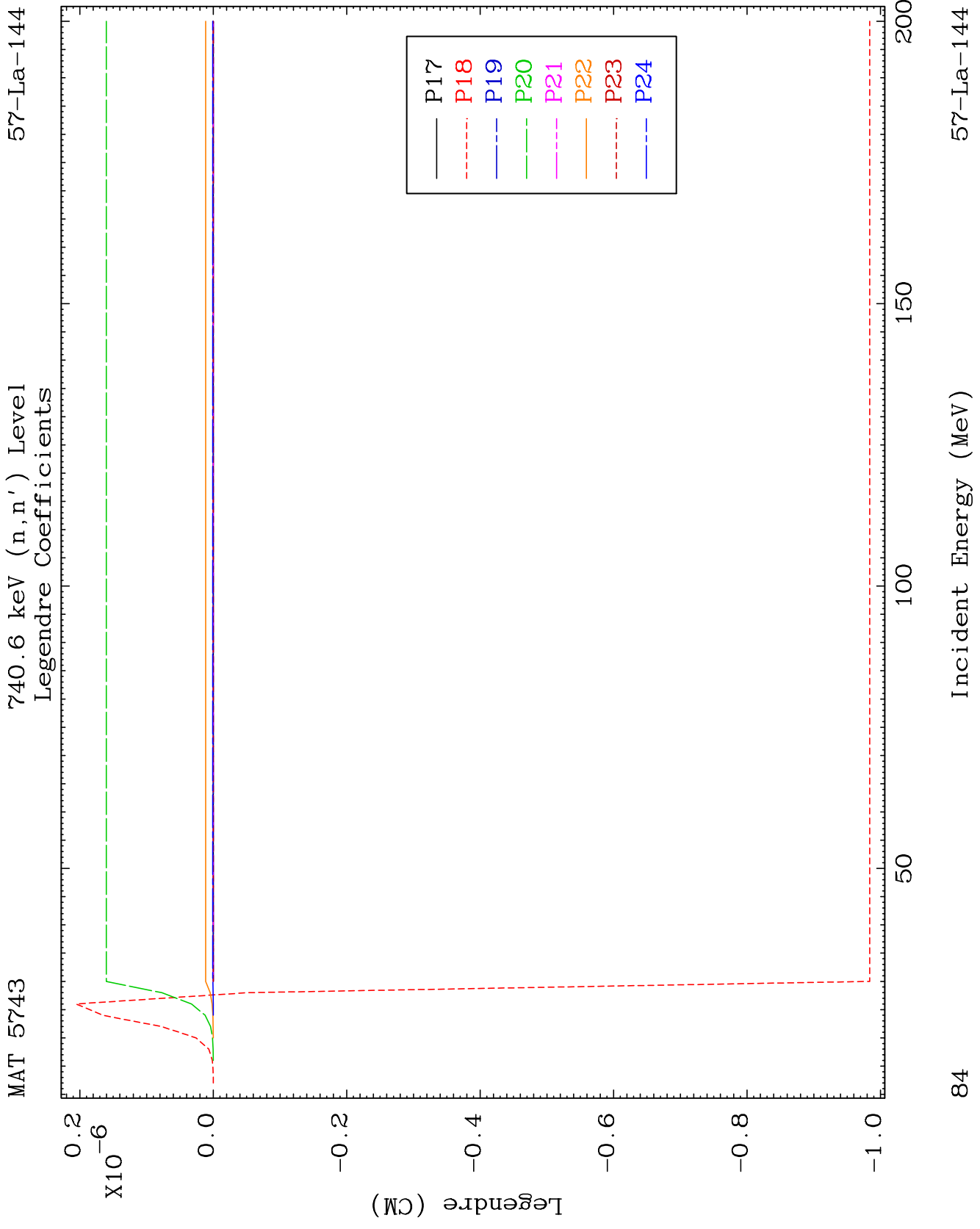
669.9 keV (n,n') Level
Legendre Coefficients

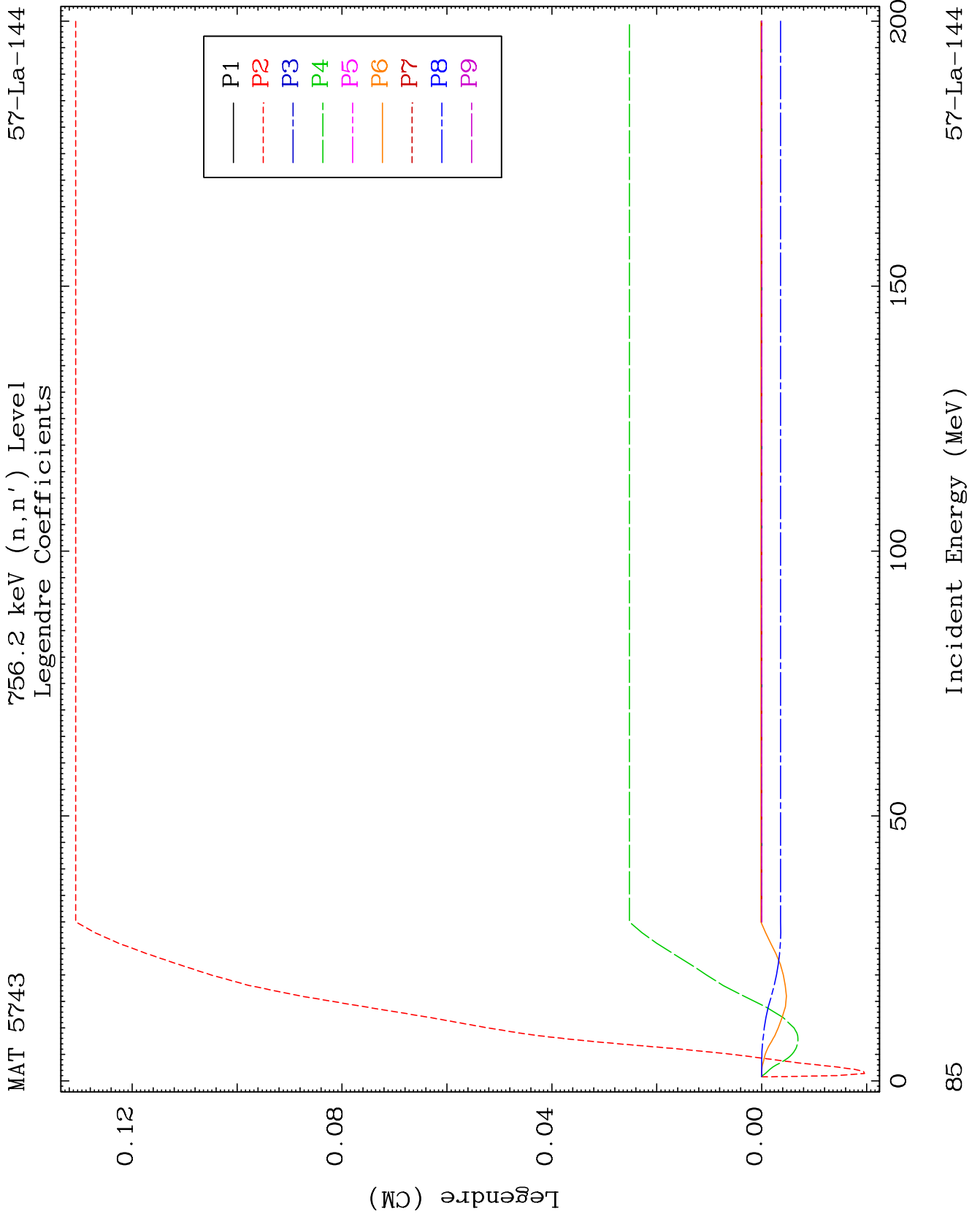
57-La-144

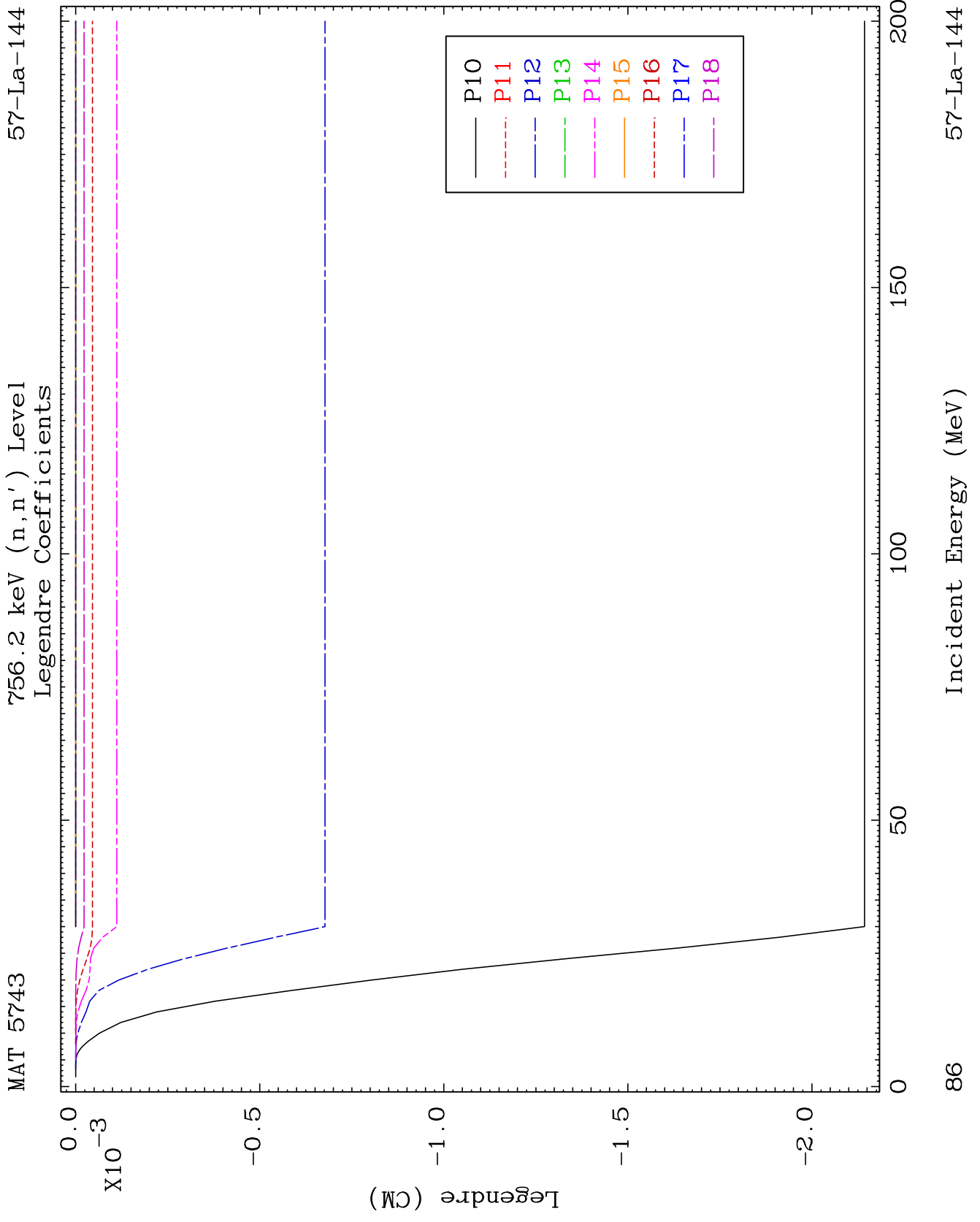


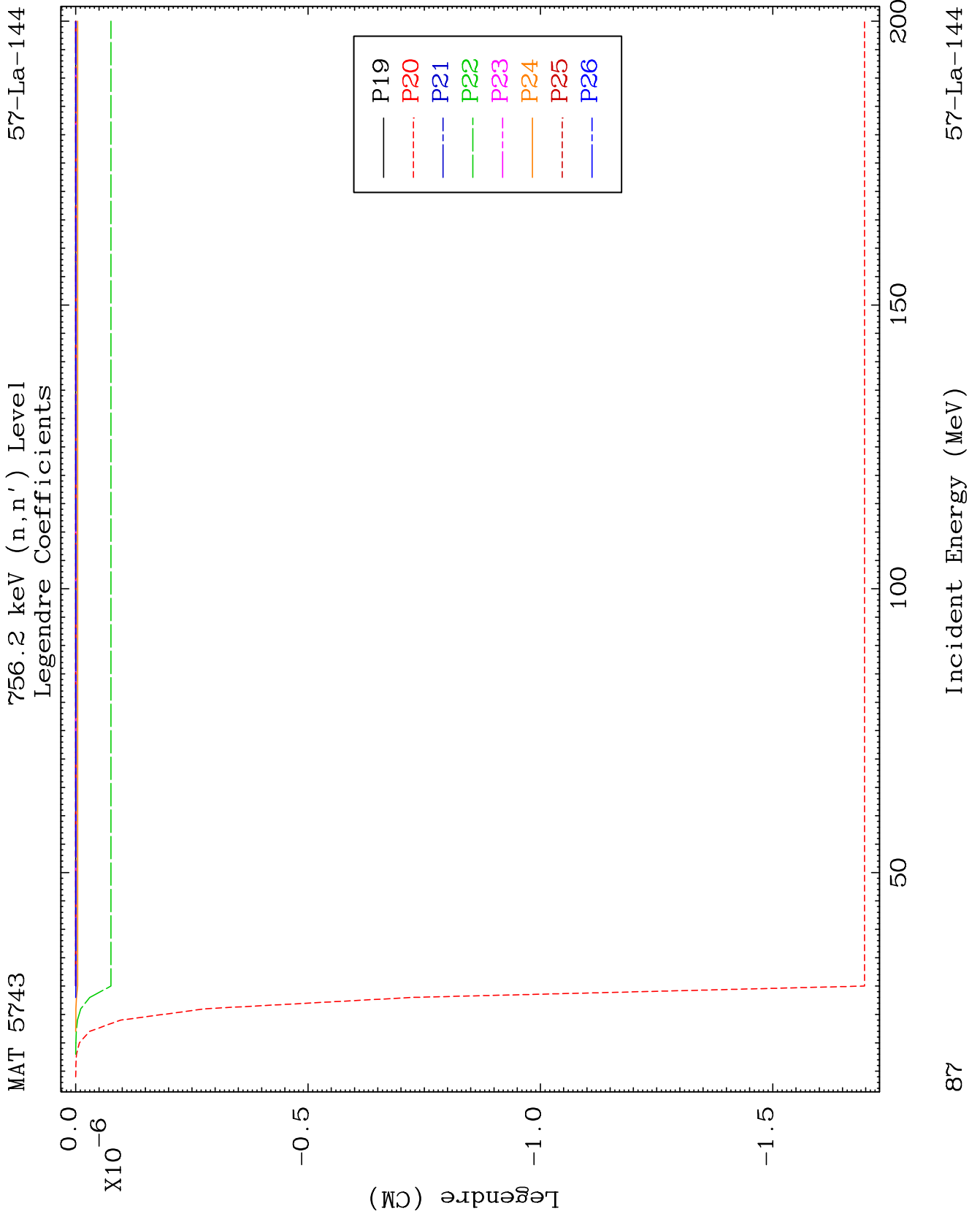
57-La-144

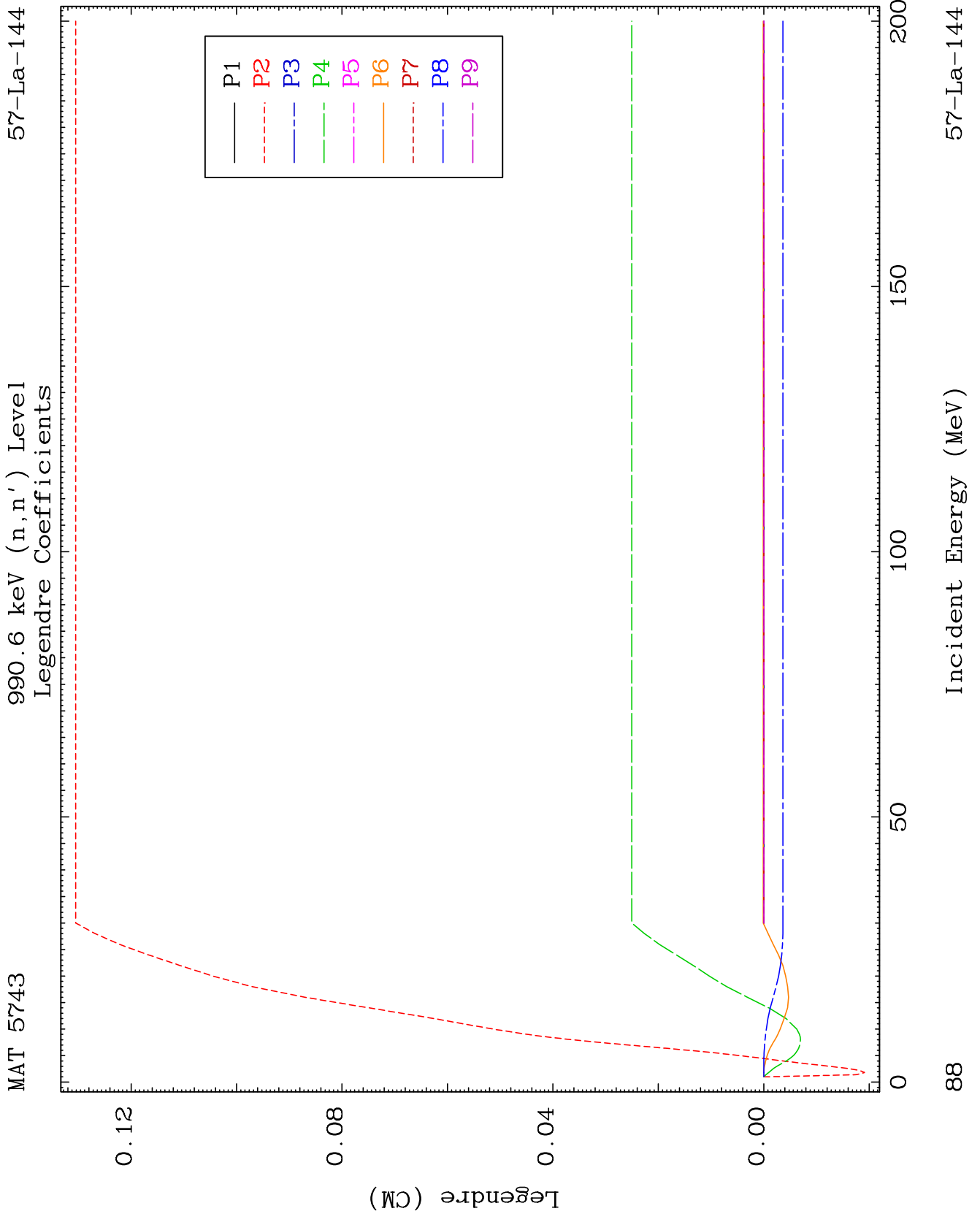


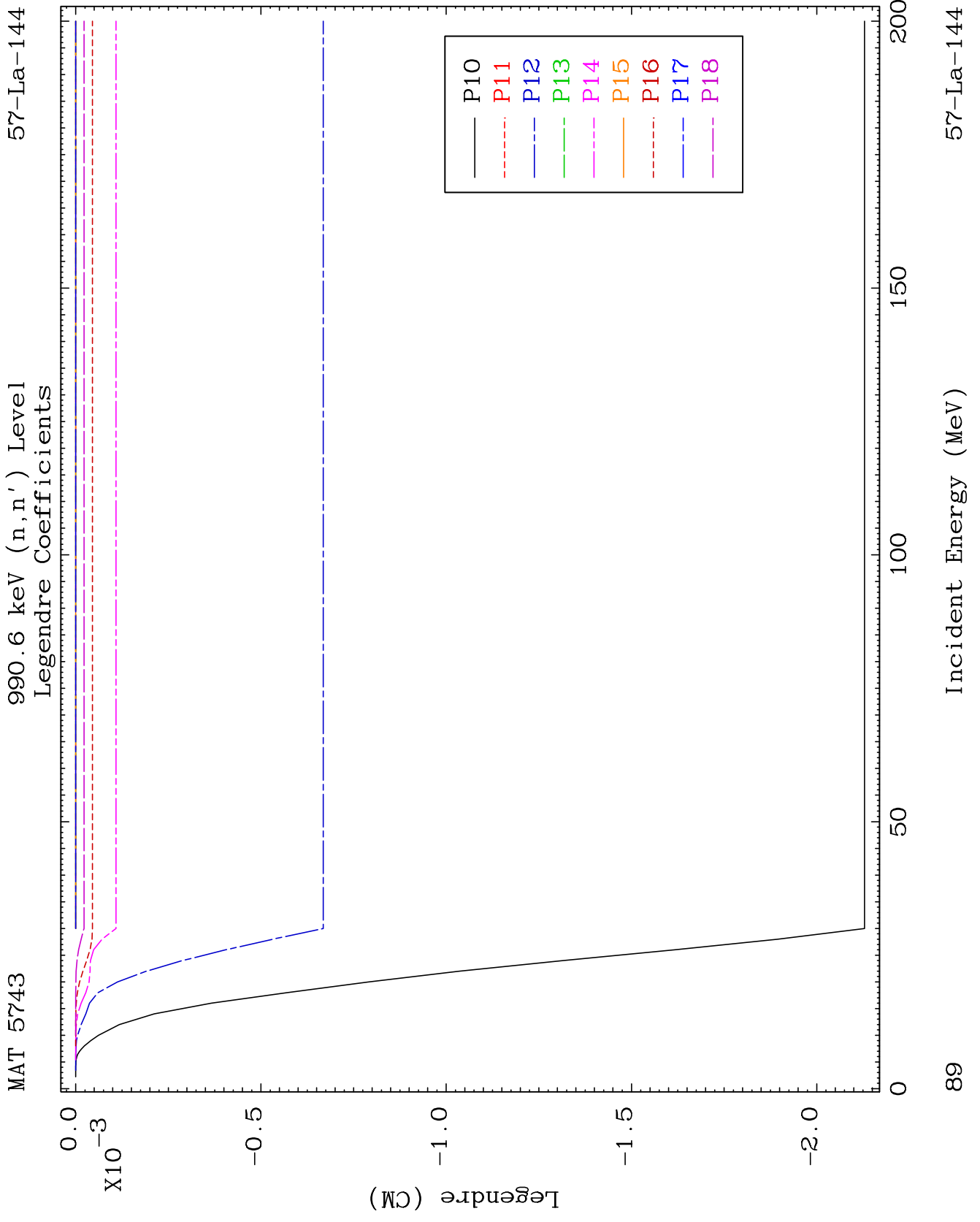


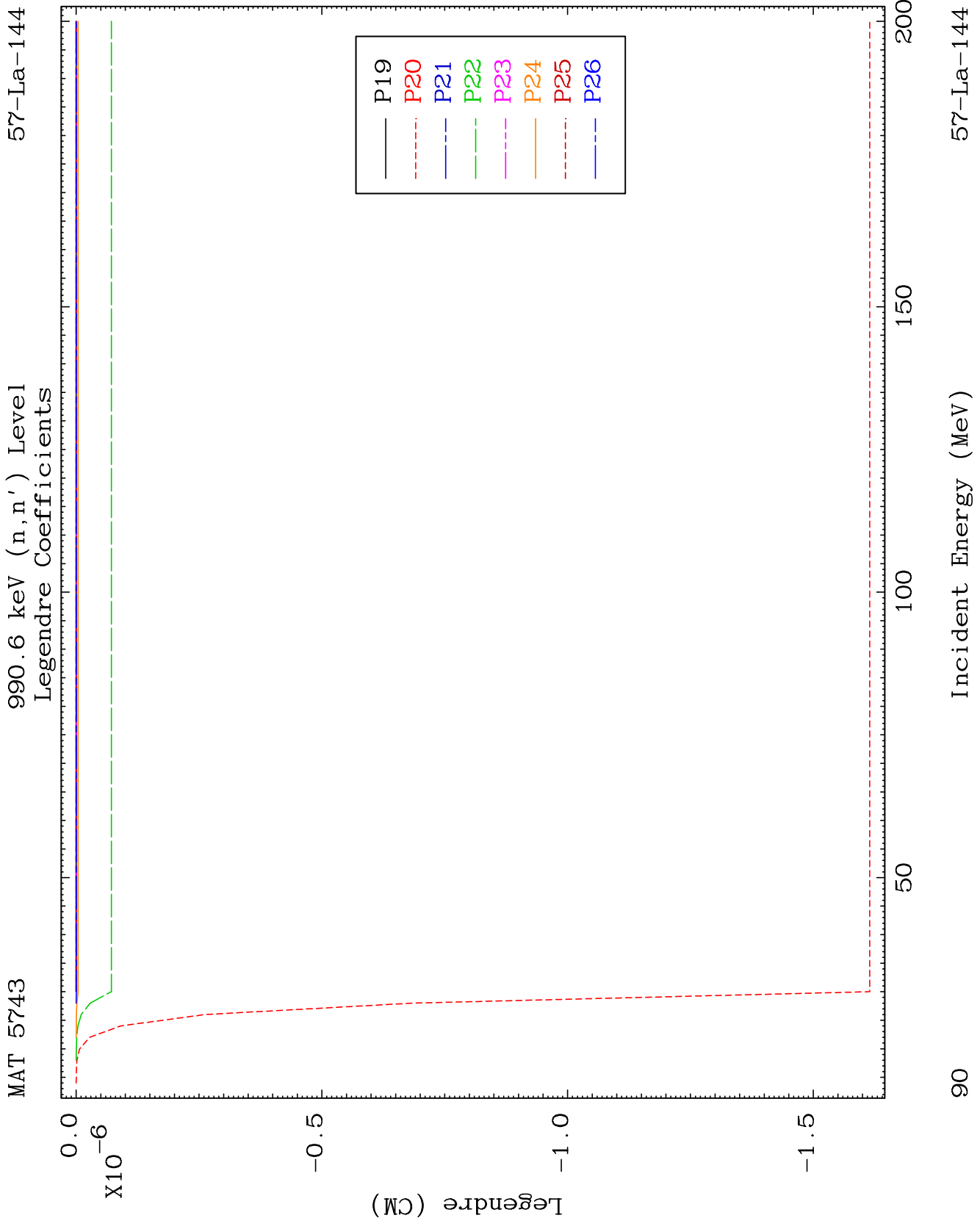


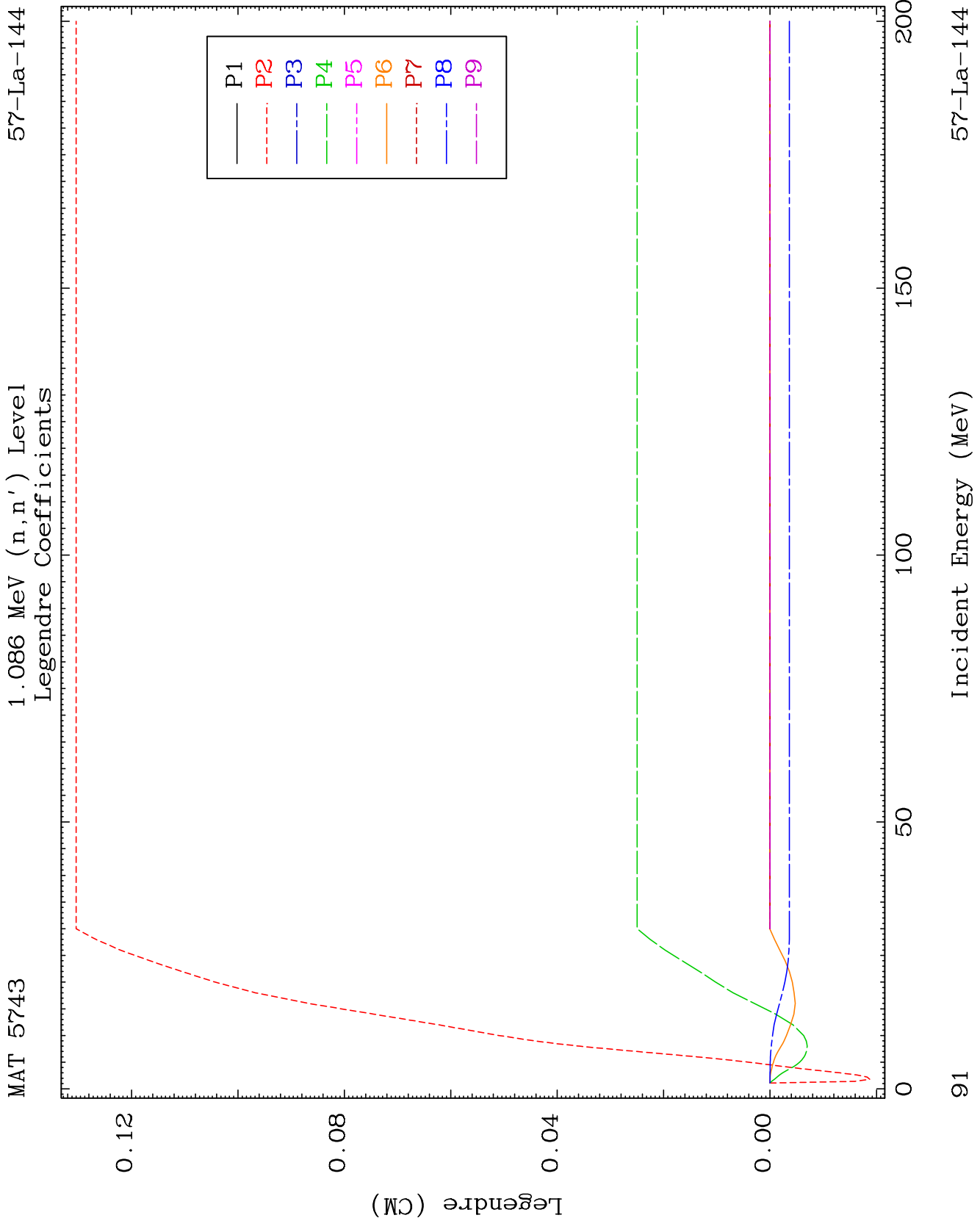


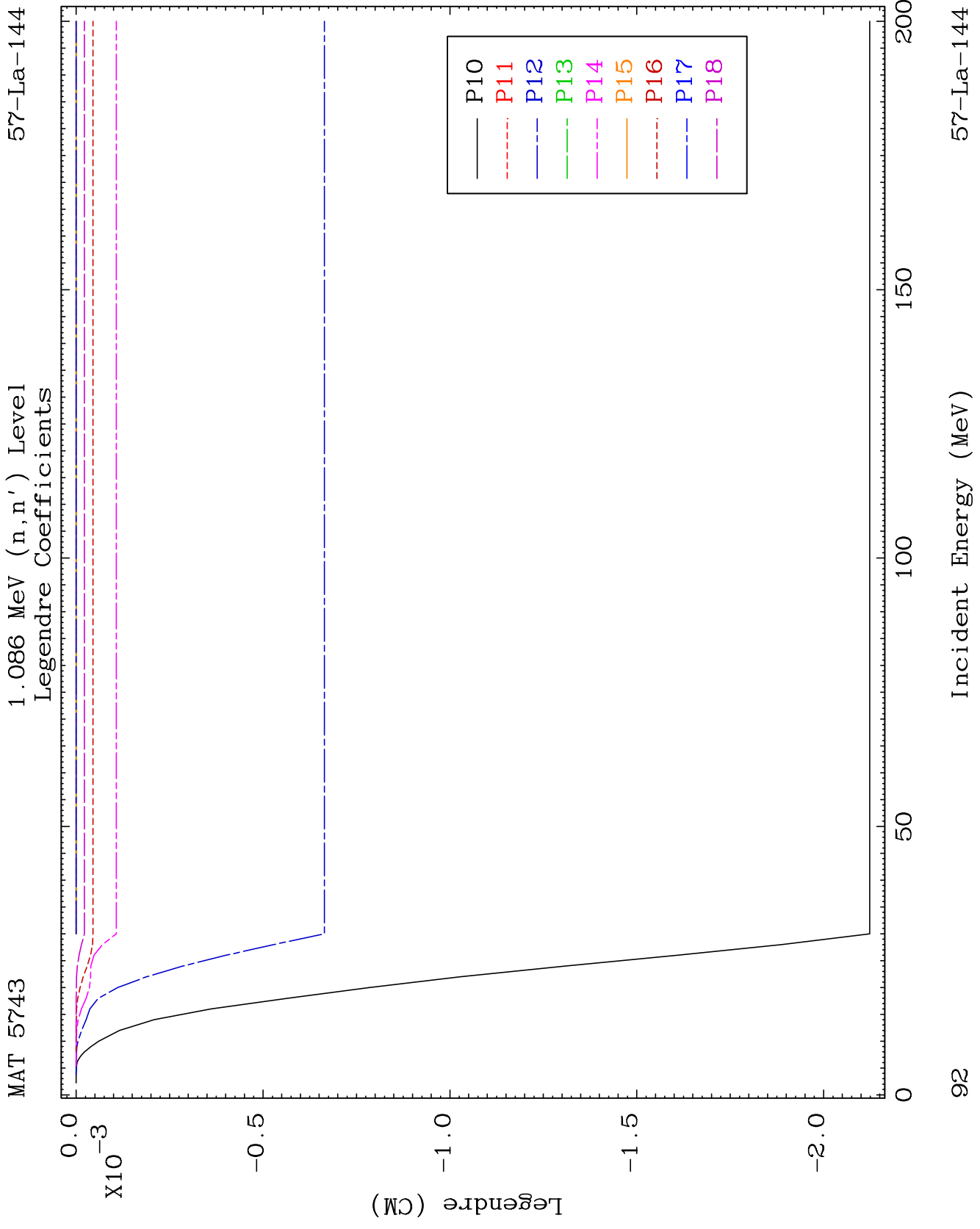


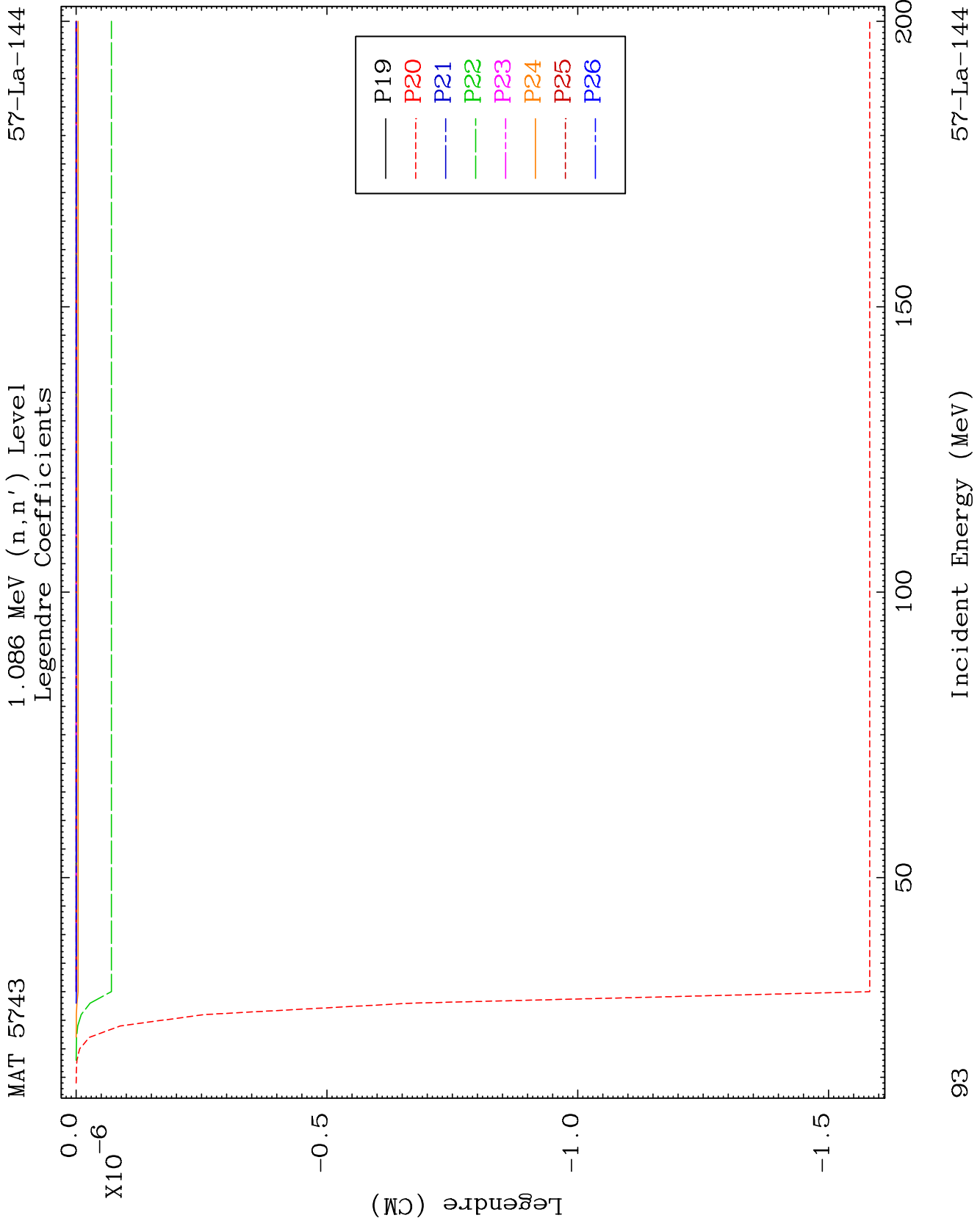








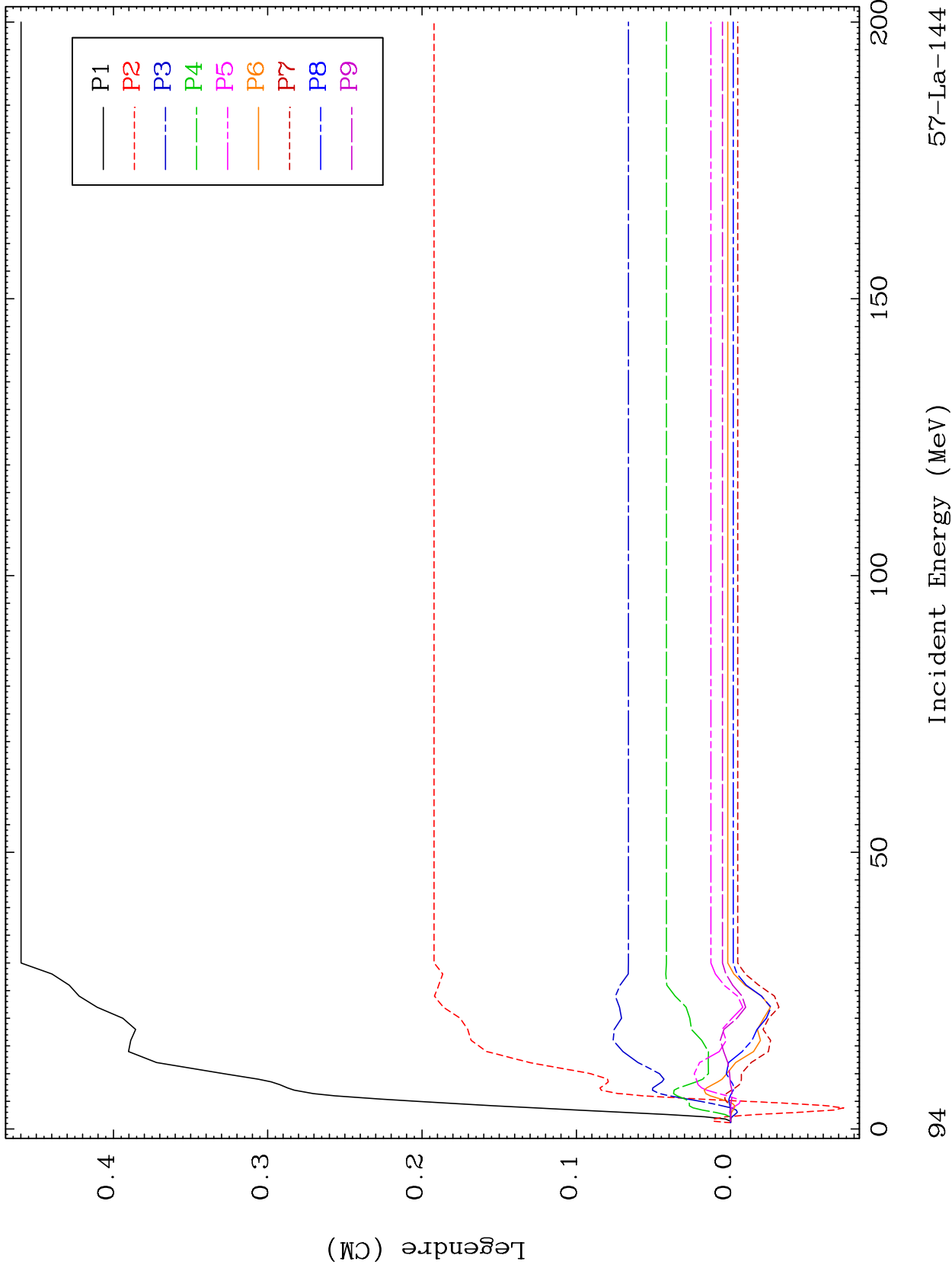




MAT 5743

1.117 MeV (n,n') Level
Legendre Coefficients

57-La-144



57-La-144

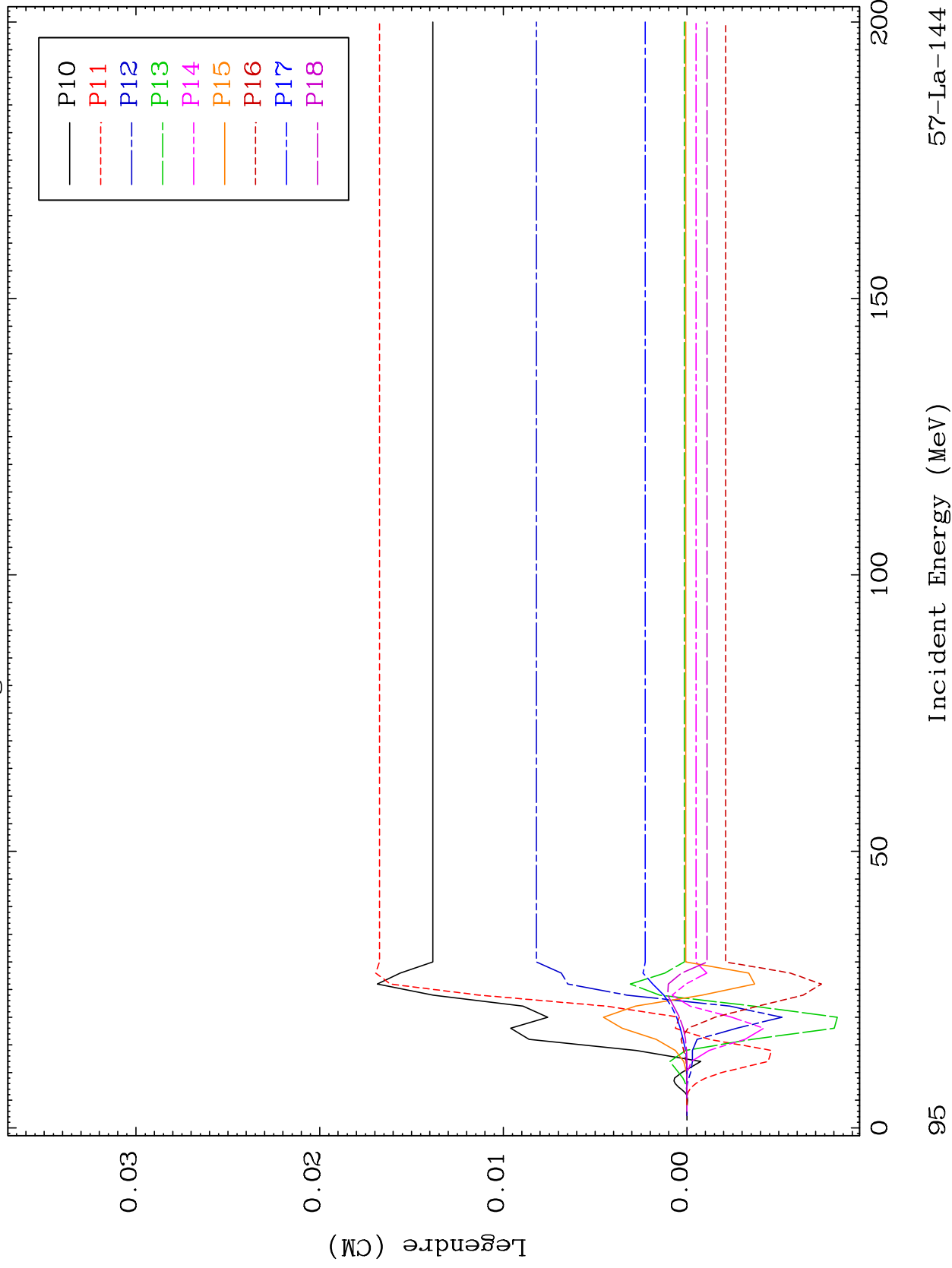
Incident Energy (MeV)

94

MAT 5743

1.117 MeV (n,n') Level
Legendre Coefficients

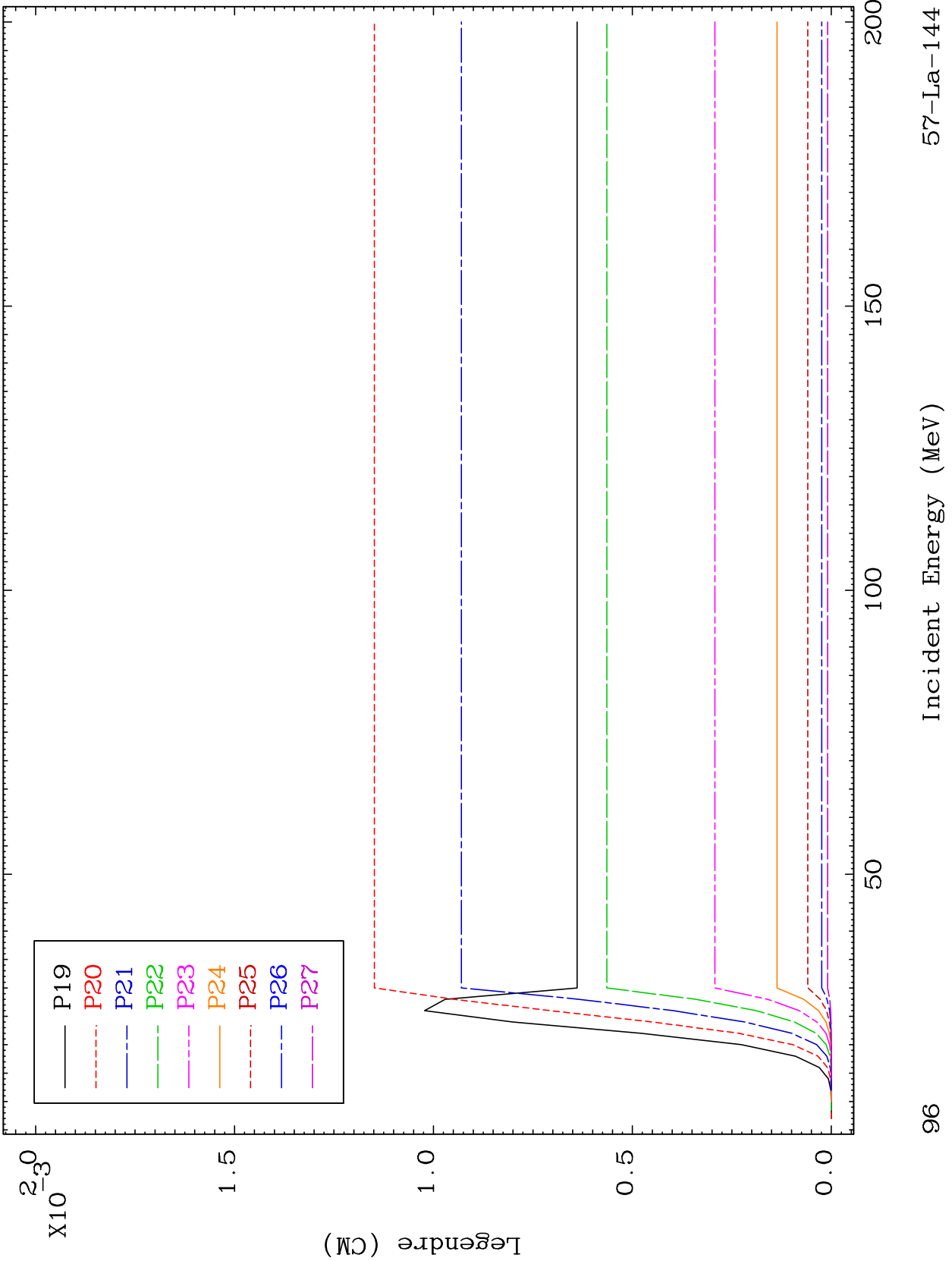
57-La-144



57-La-144

Incident Energy (MeV)

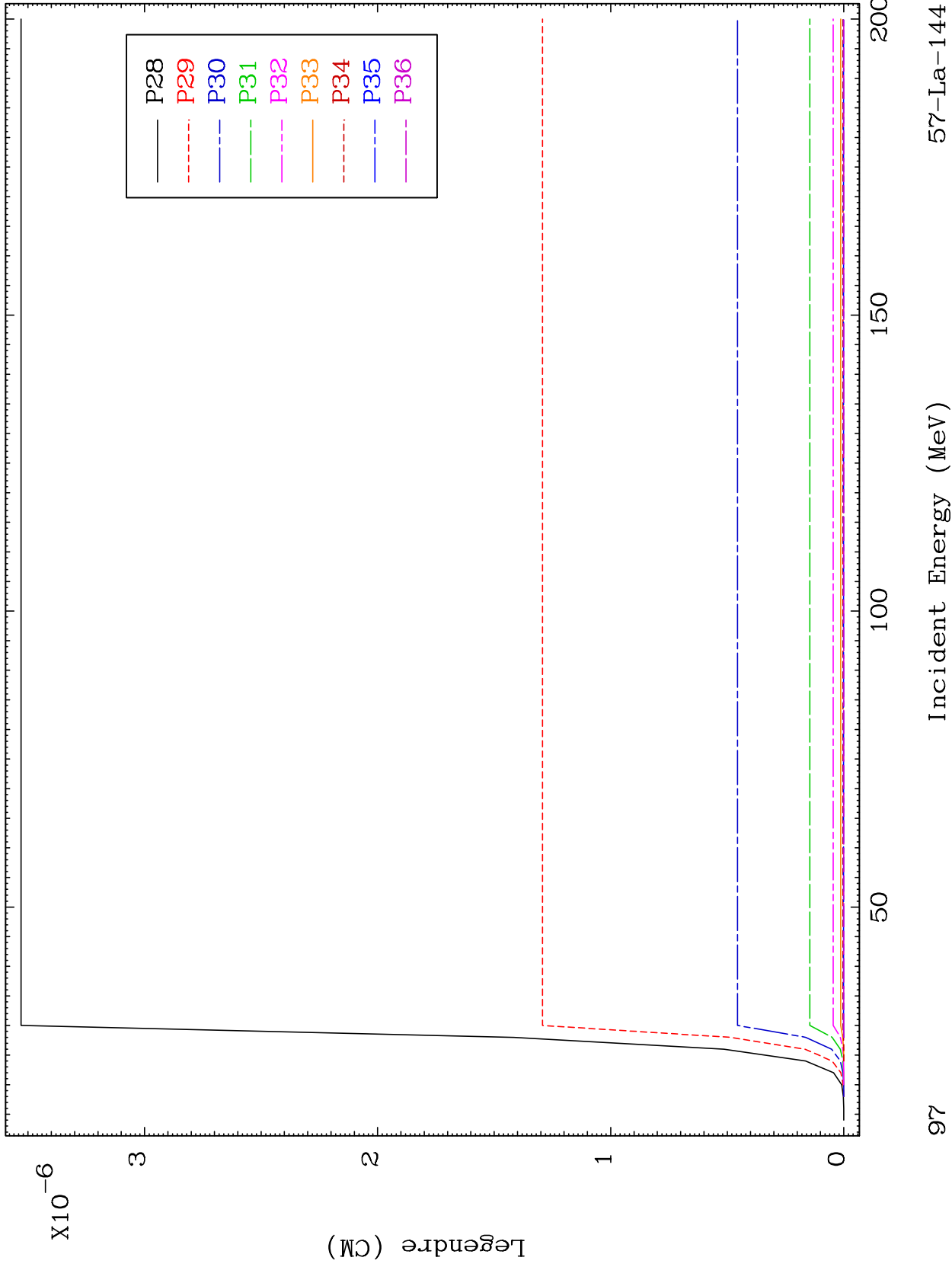
95



MAT 5743

1.117 MeV (n,n') Level
Legendre Coefficients

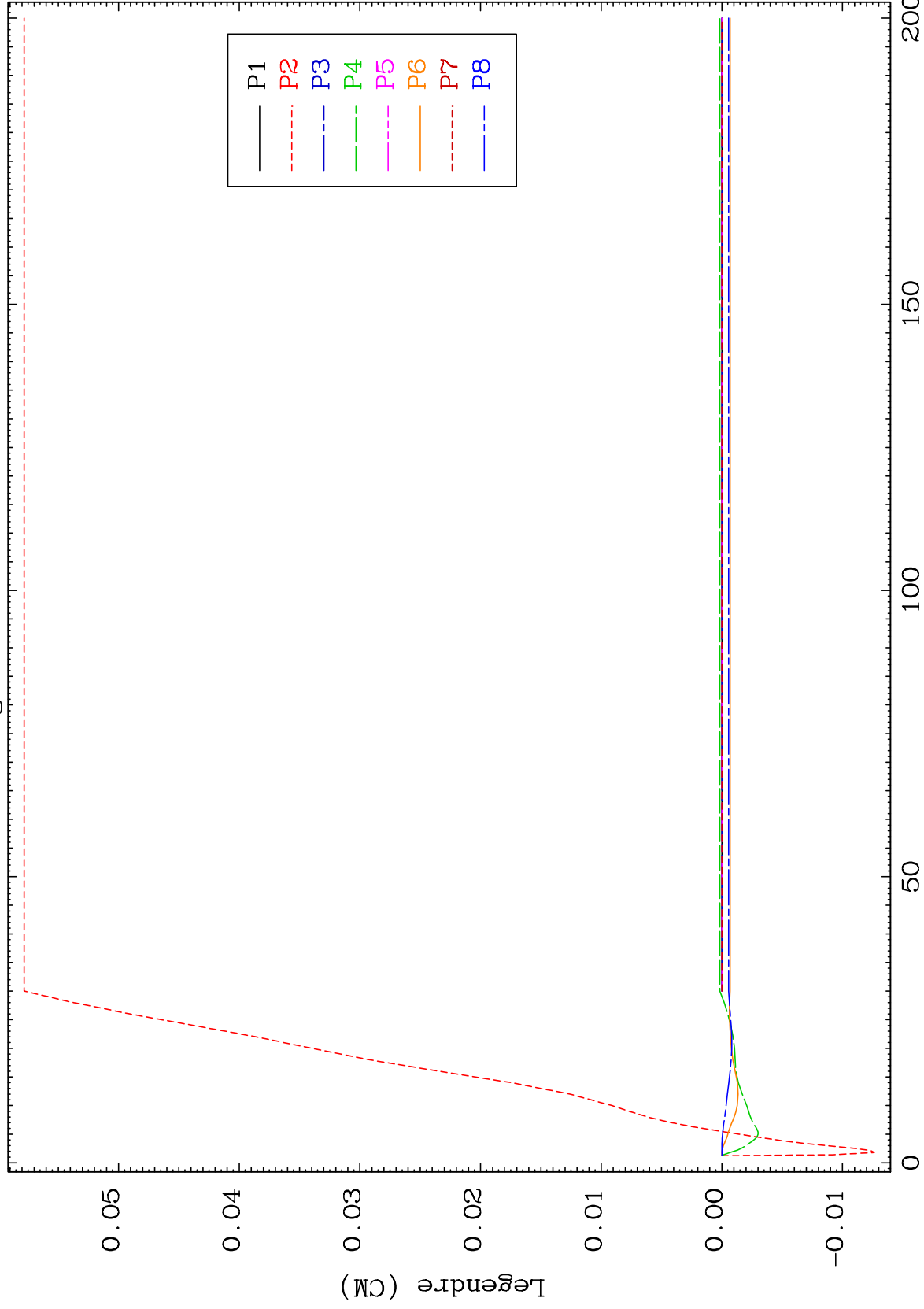
57-La-144



MAT 5743

1.224 MeV (n,n') Level
Legendre Coefficients

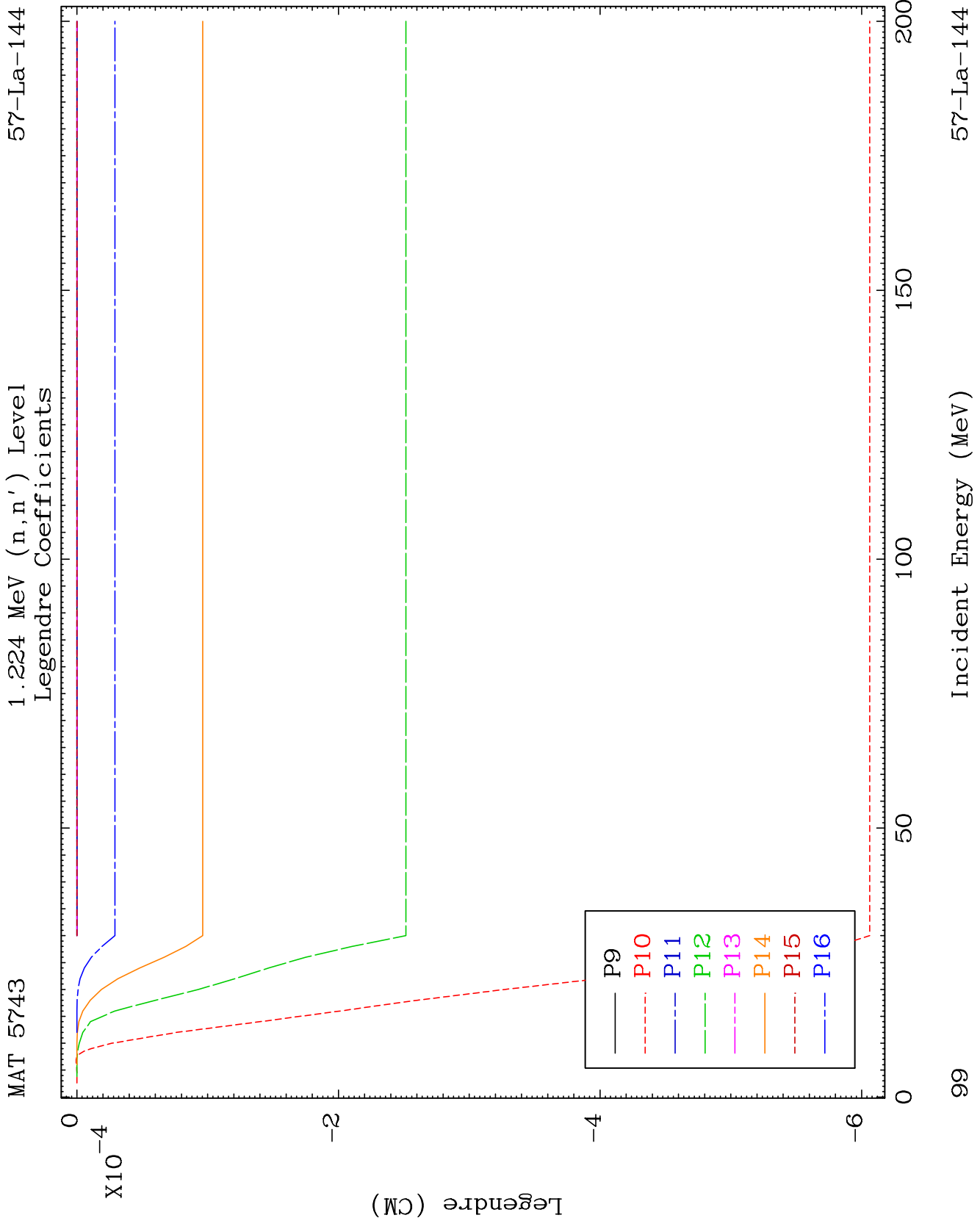
57-La-144

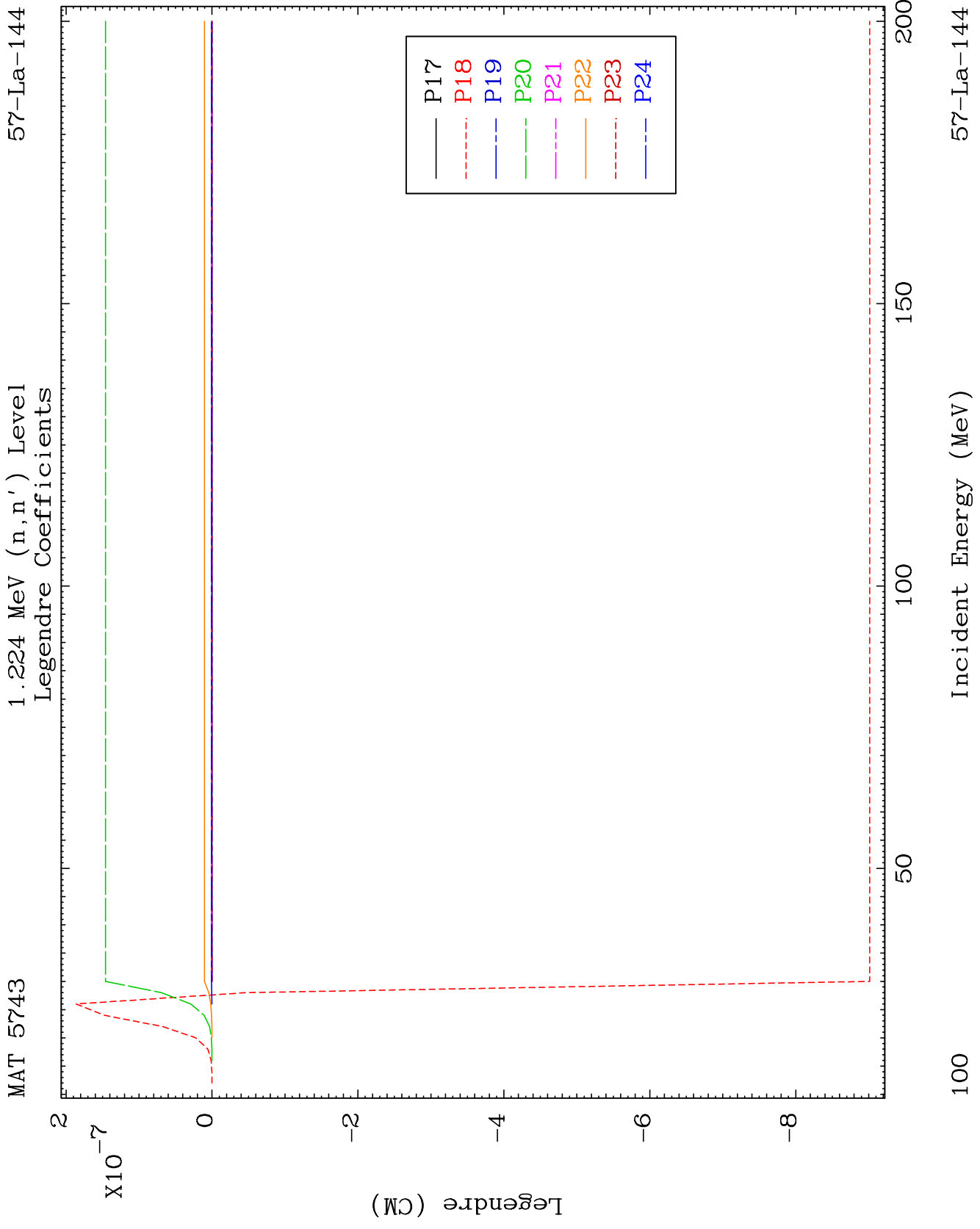


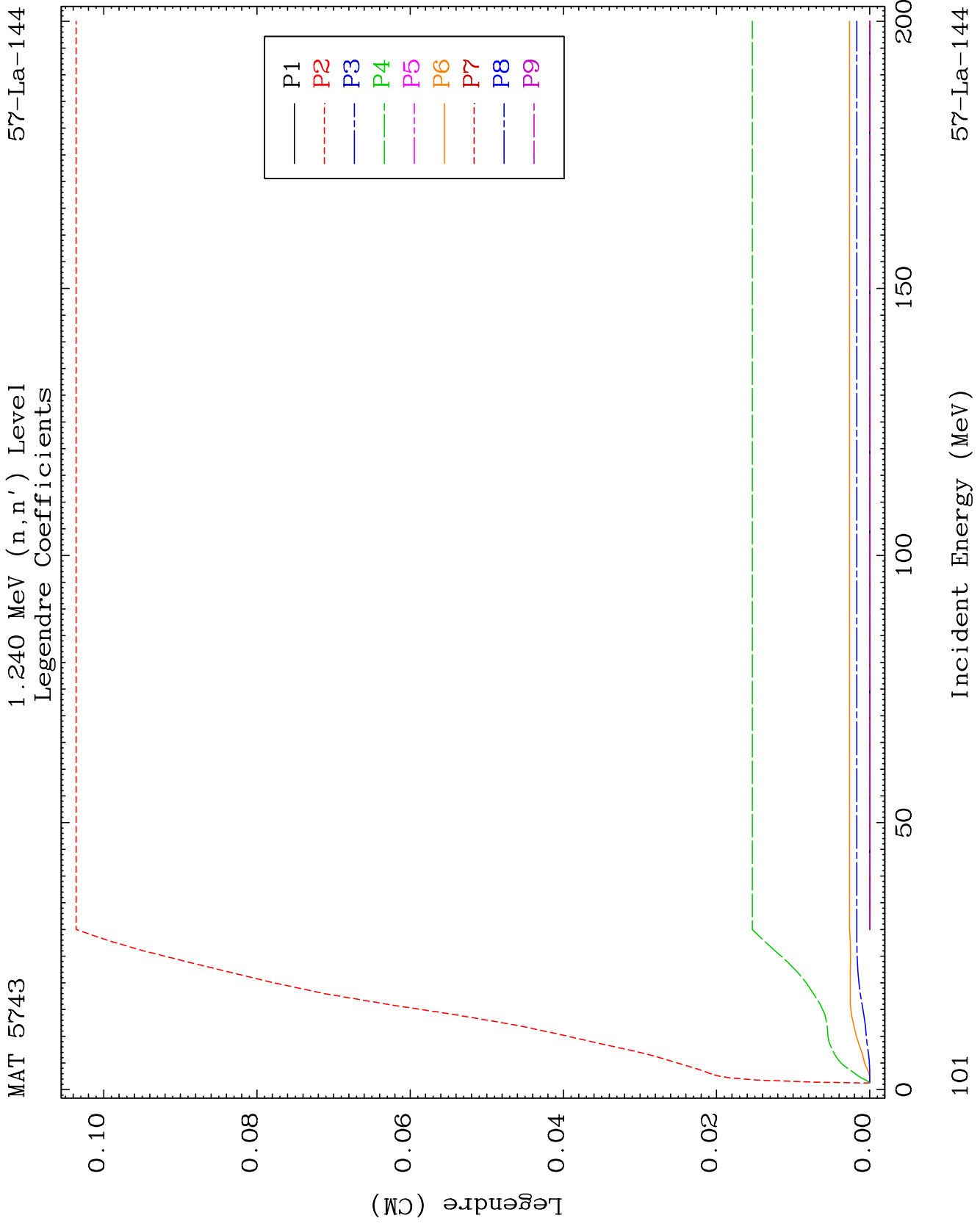
98

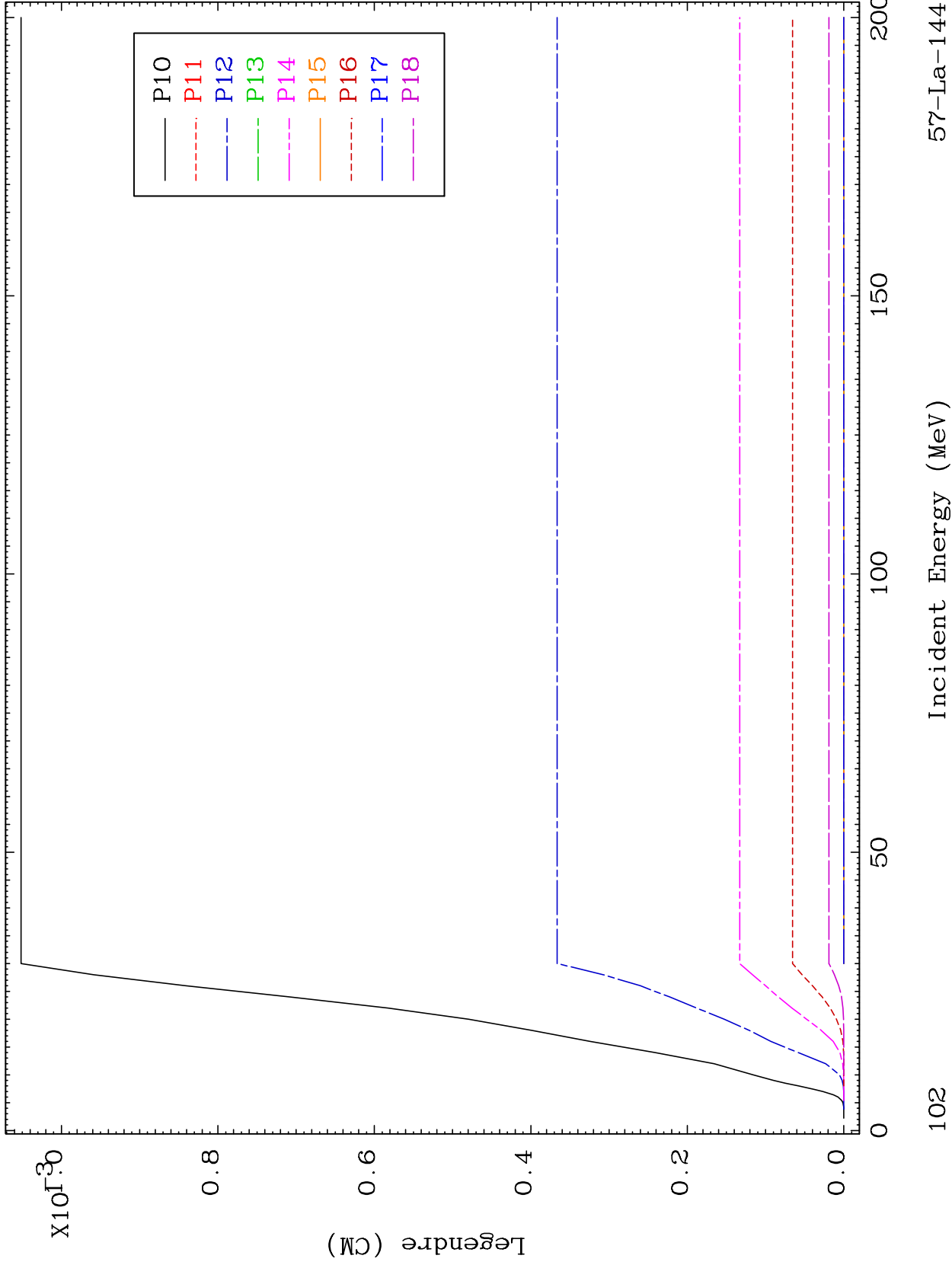
Incident Energy (MeV)

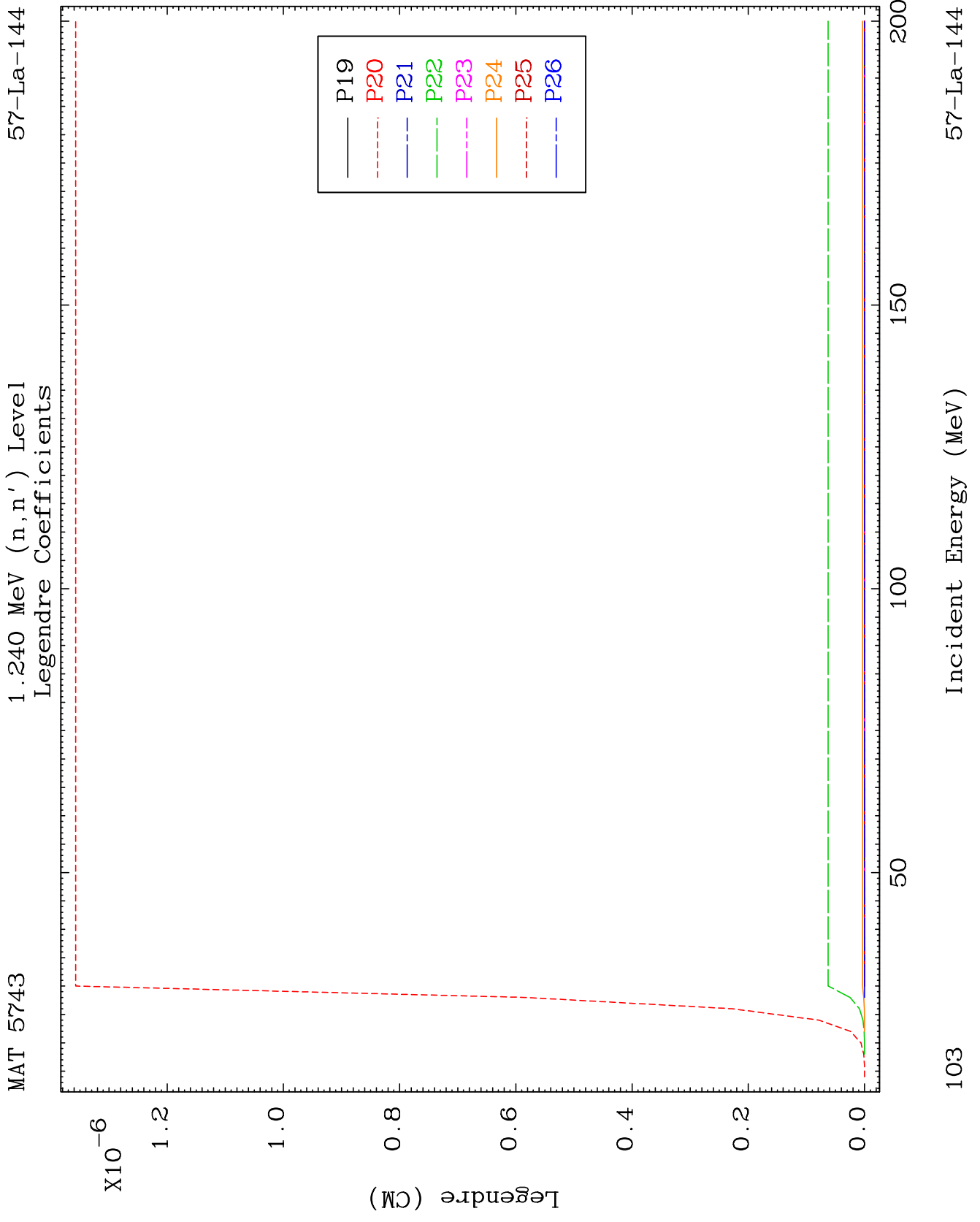
57-La-144







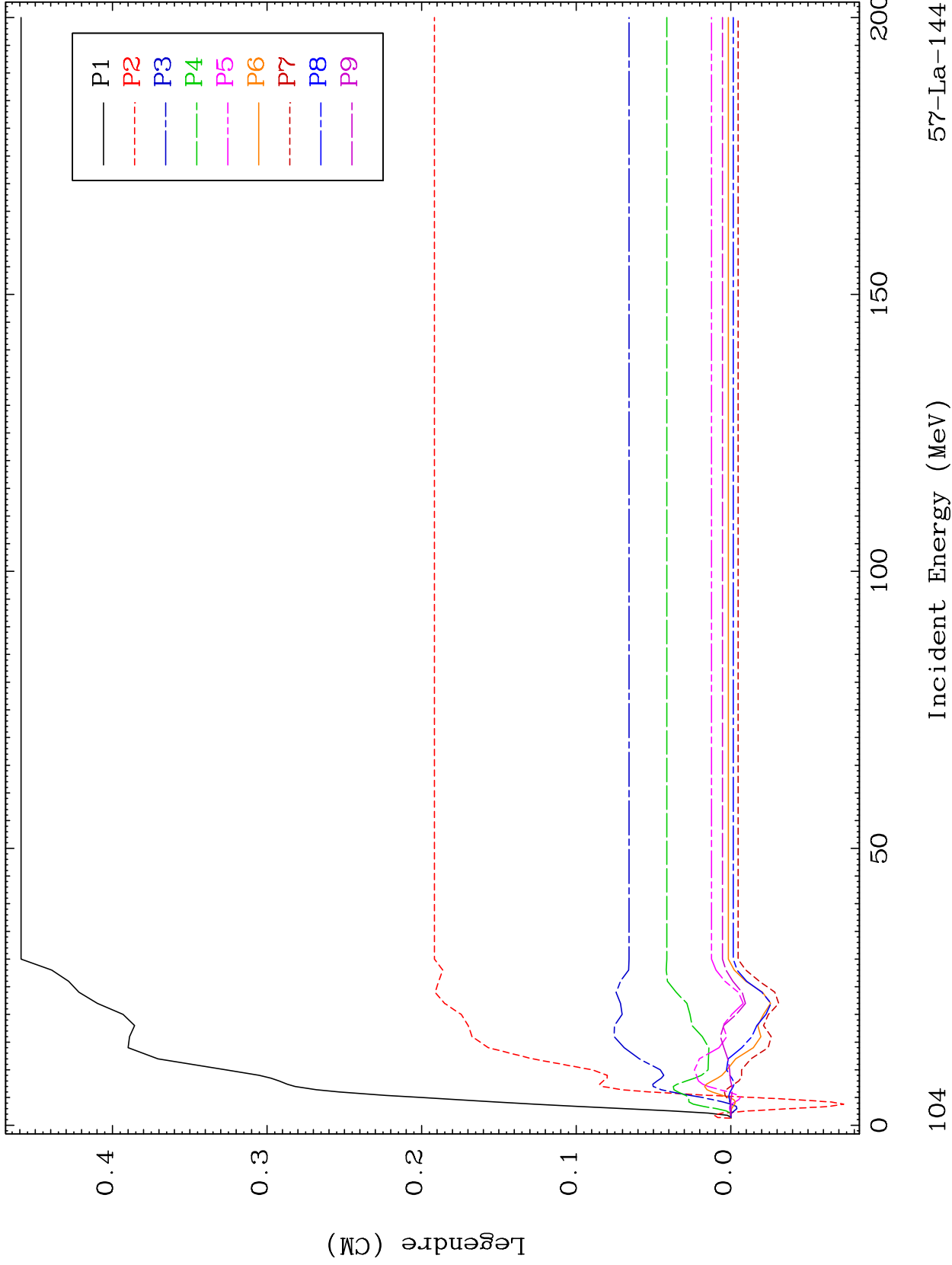




MAT 5743

1.253 MeV (n,n') Level
Legendre Coefficients

57-La-144



57-La-144

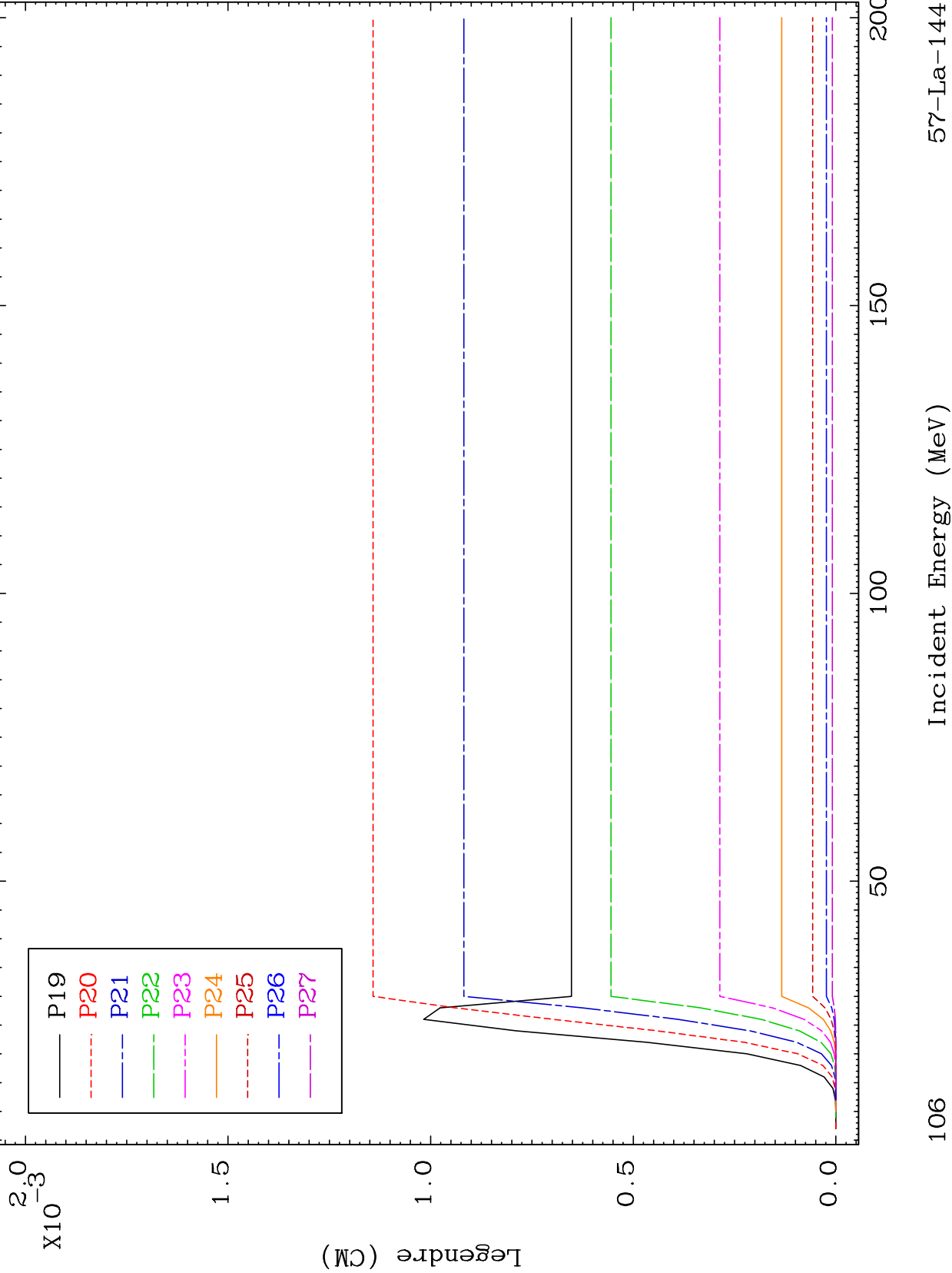
Incident Energy (MeV)

104

MAT 5743

1.253 MeV (n, n') Level
Legendre Coefficients

57-La-144



106

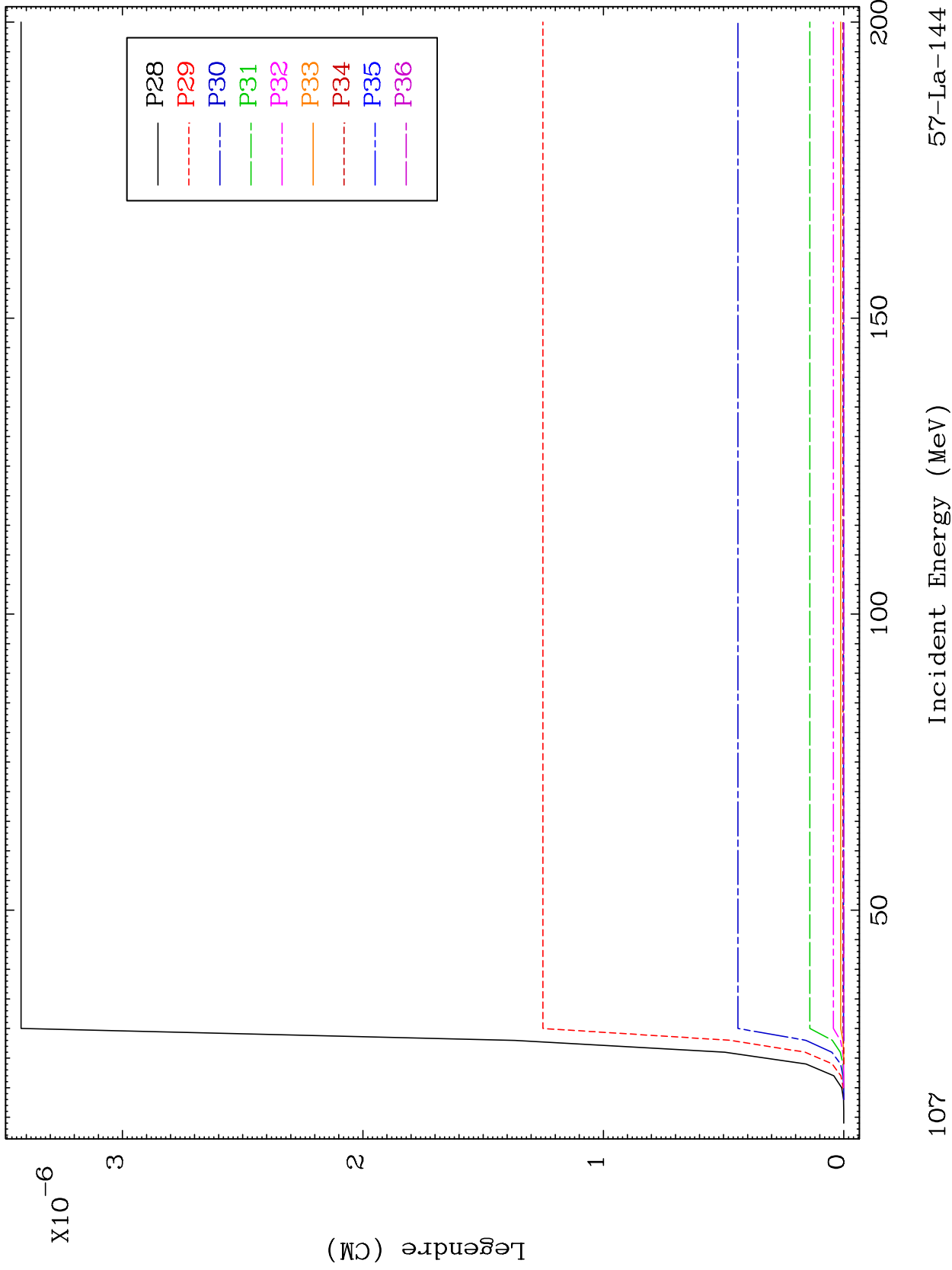
Incident Energy (MeV)

57-La-144

MAT 5743

1.253 MeV (n,n') Level
Legendre Coefficients

57-La-144



107

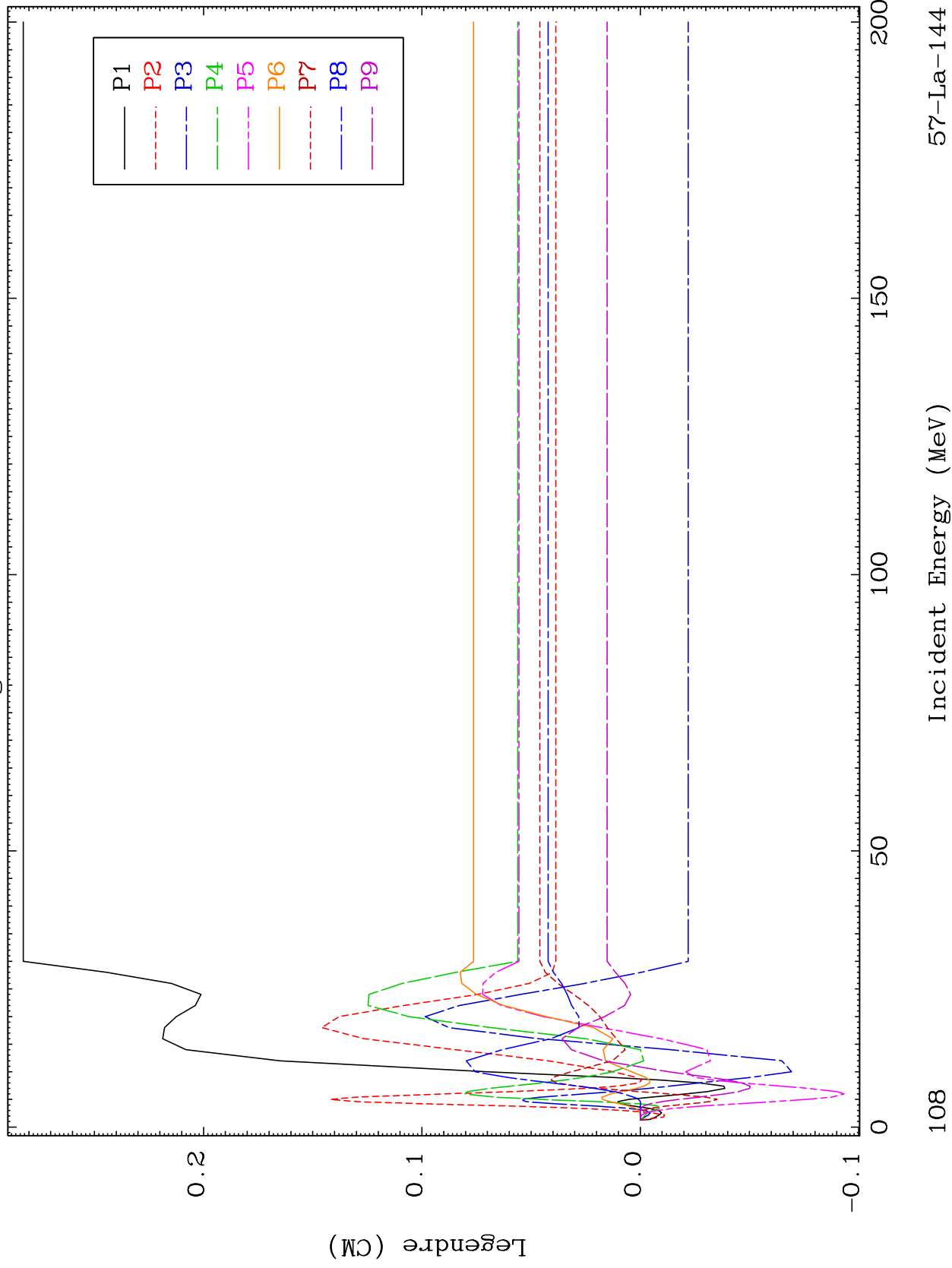
Incident Energy (MeV)

57-La-144

MAT 5743

1.254 MeV (n,n') Level
Legendre Coefficients

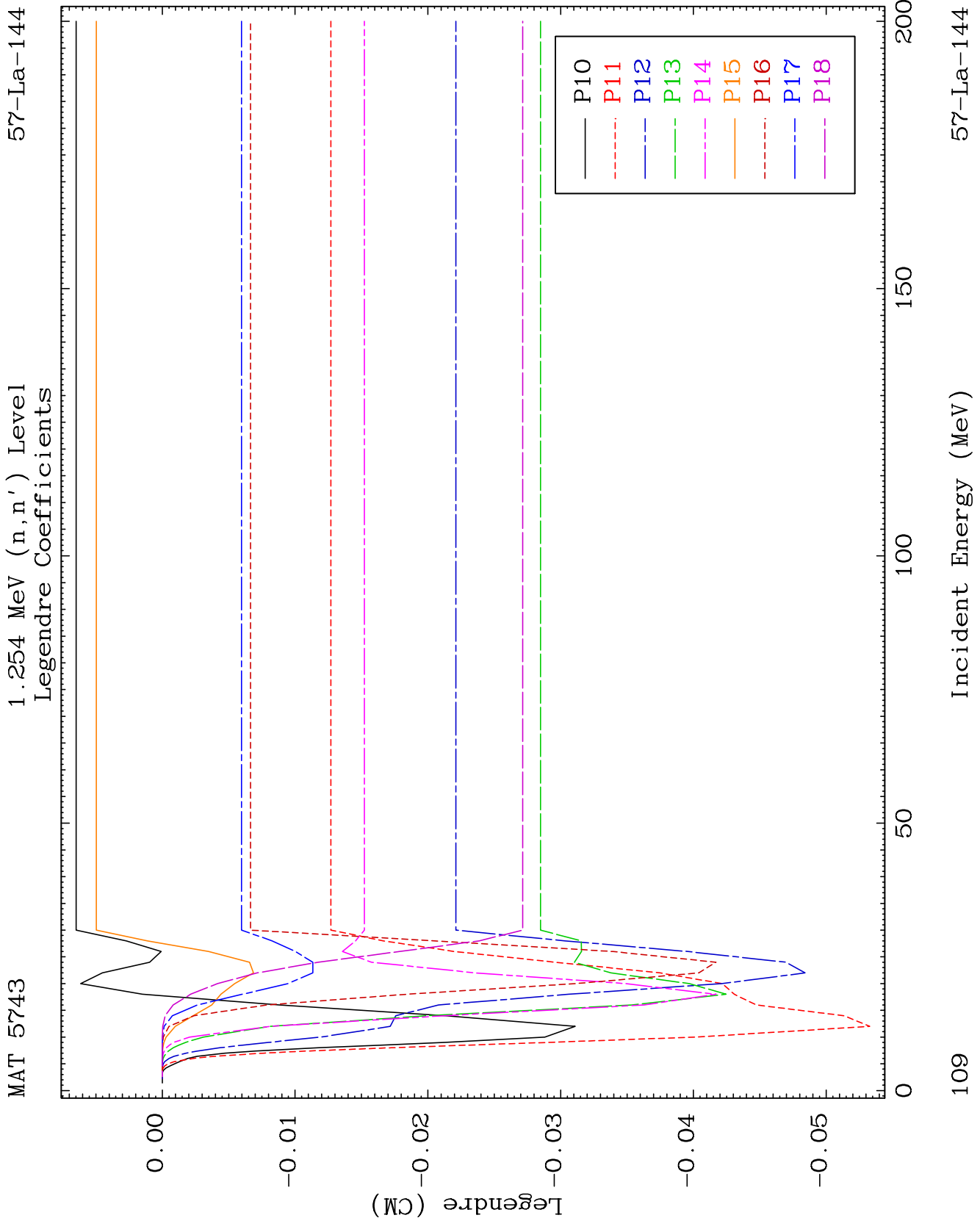
57-La-144

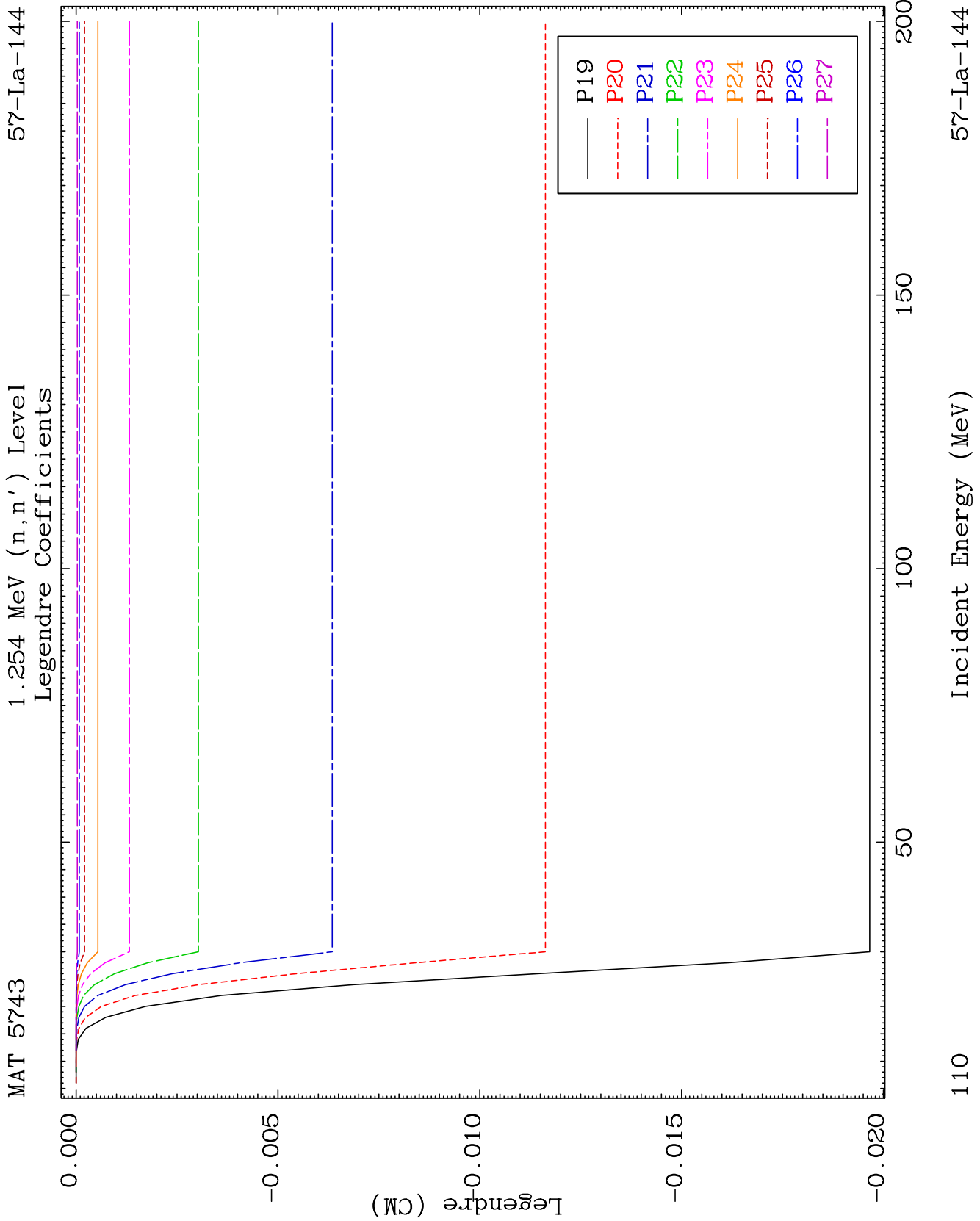


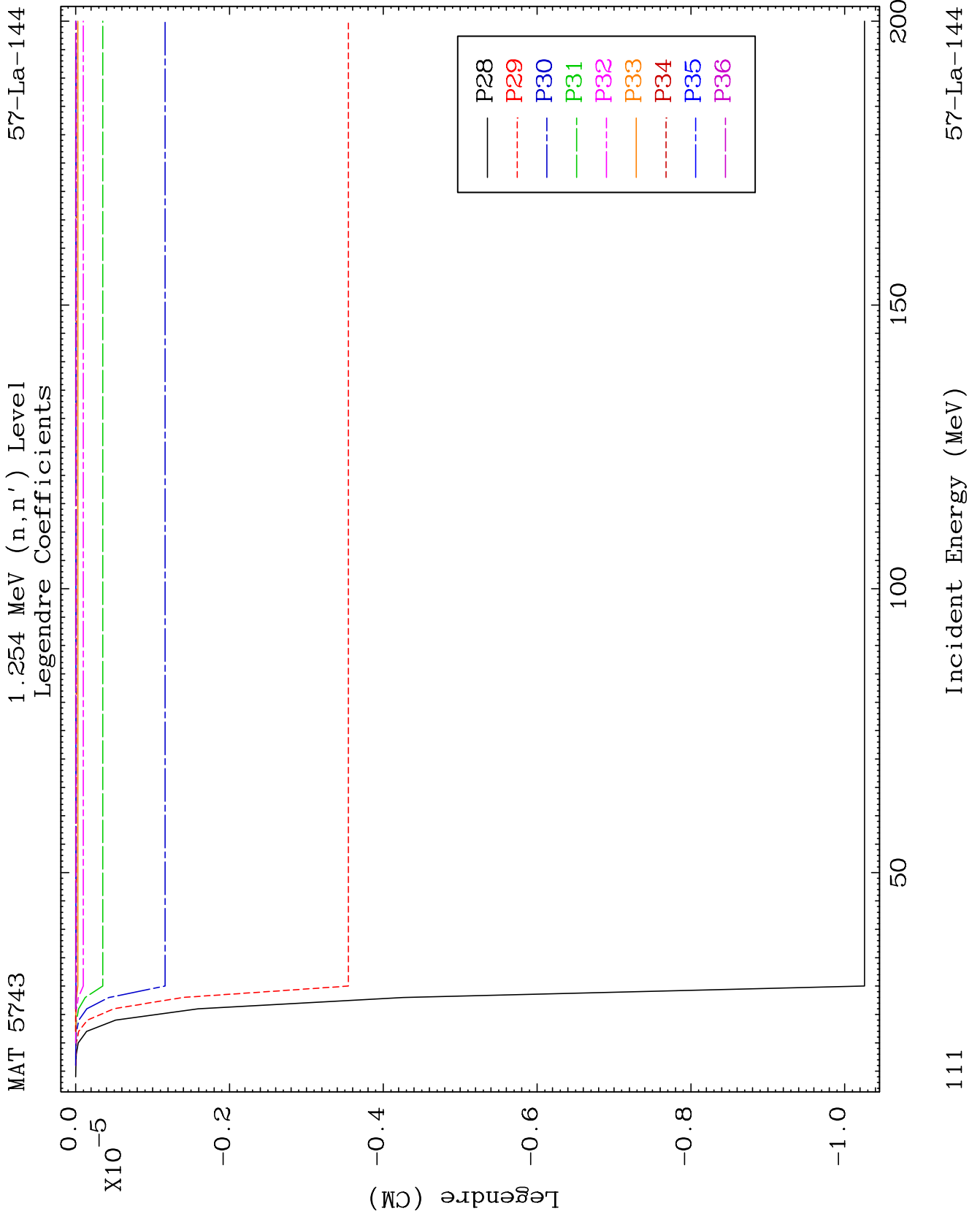
57-La-144

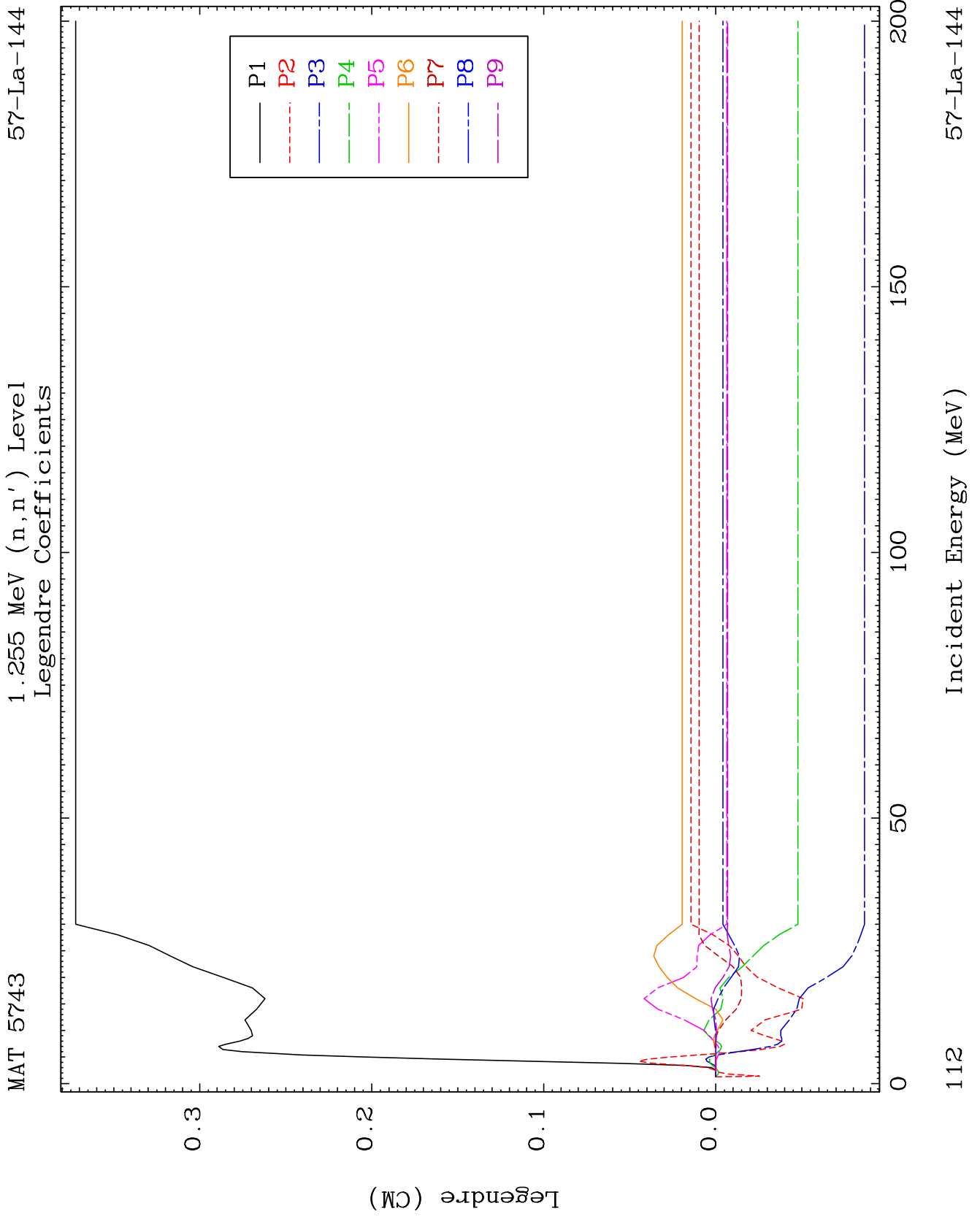
Incident Energy (MeV)

108





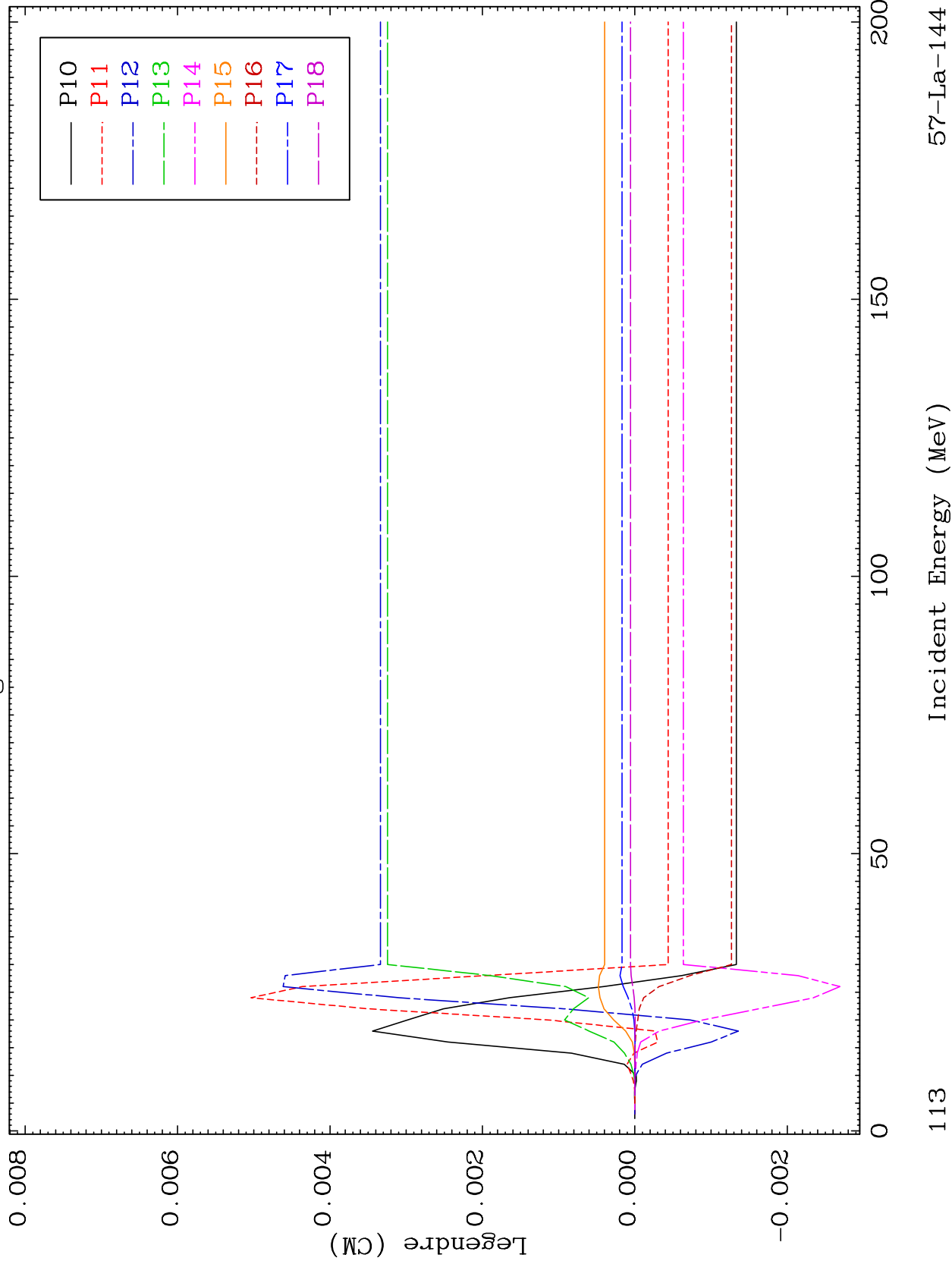




MAT 5743

1.255 MeV (n,n') Level
Legendre Coefficients

57-La-144



113

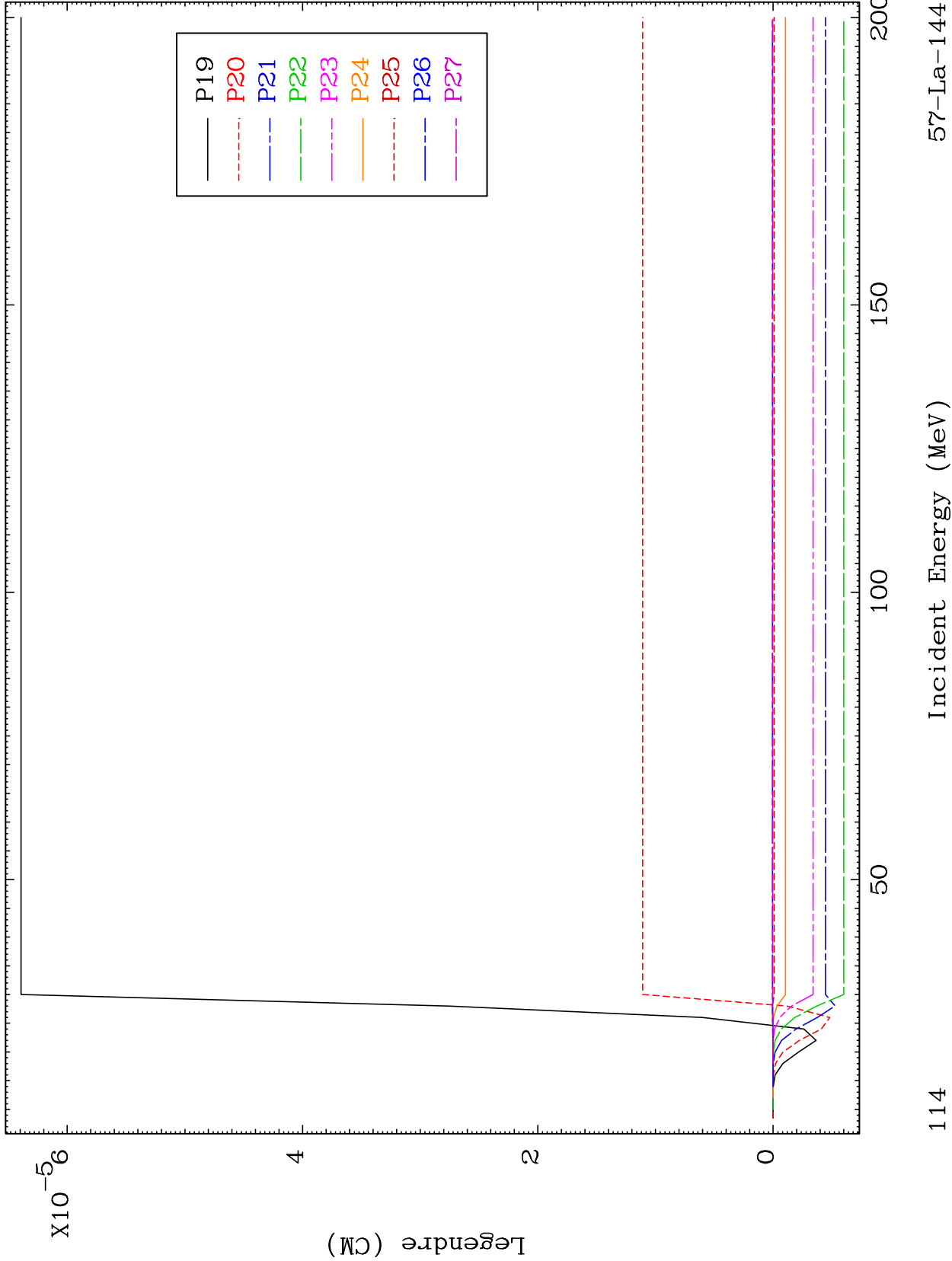
Incident Energy (MeV)

57-La-144

MAT 5743

1.255 MeV (n,n') Level
Legendre Coefficients

57-La-144



114

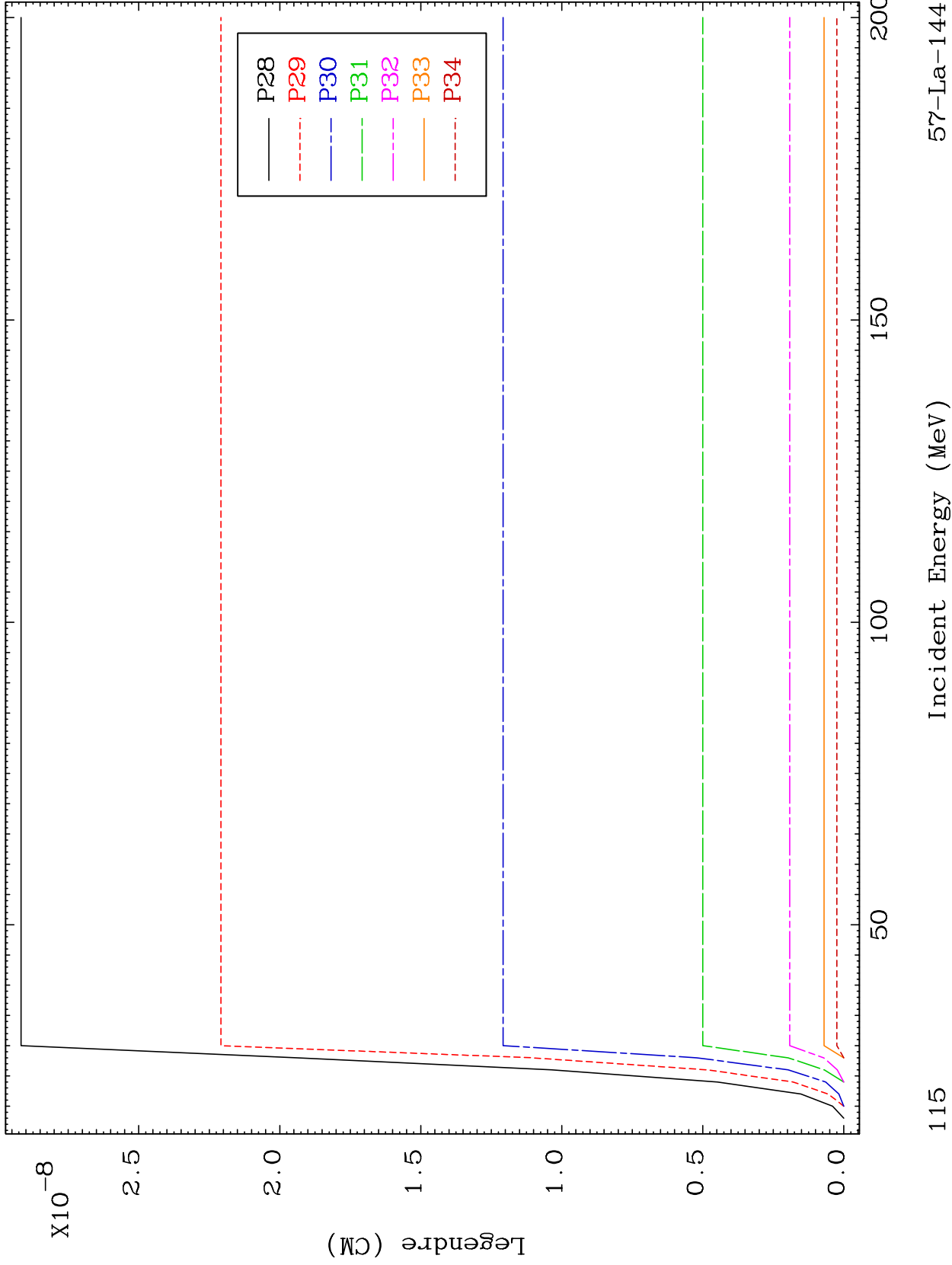
Incident Energy (MeV)

57-La-144

MAT 5743

1.255 MeV (n,n') Level
Legendre Coefficients

57-La-144



115

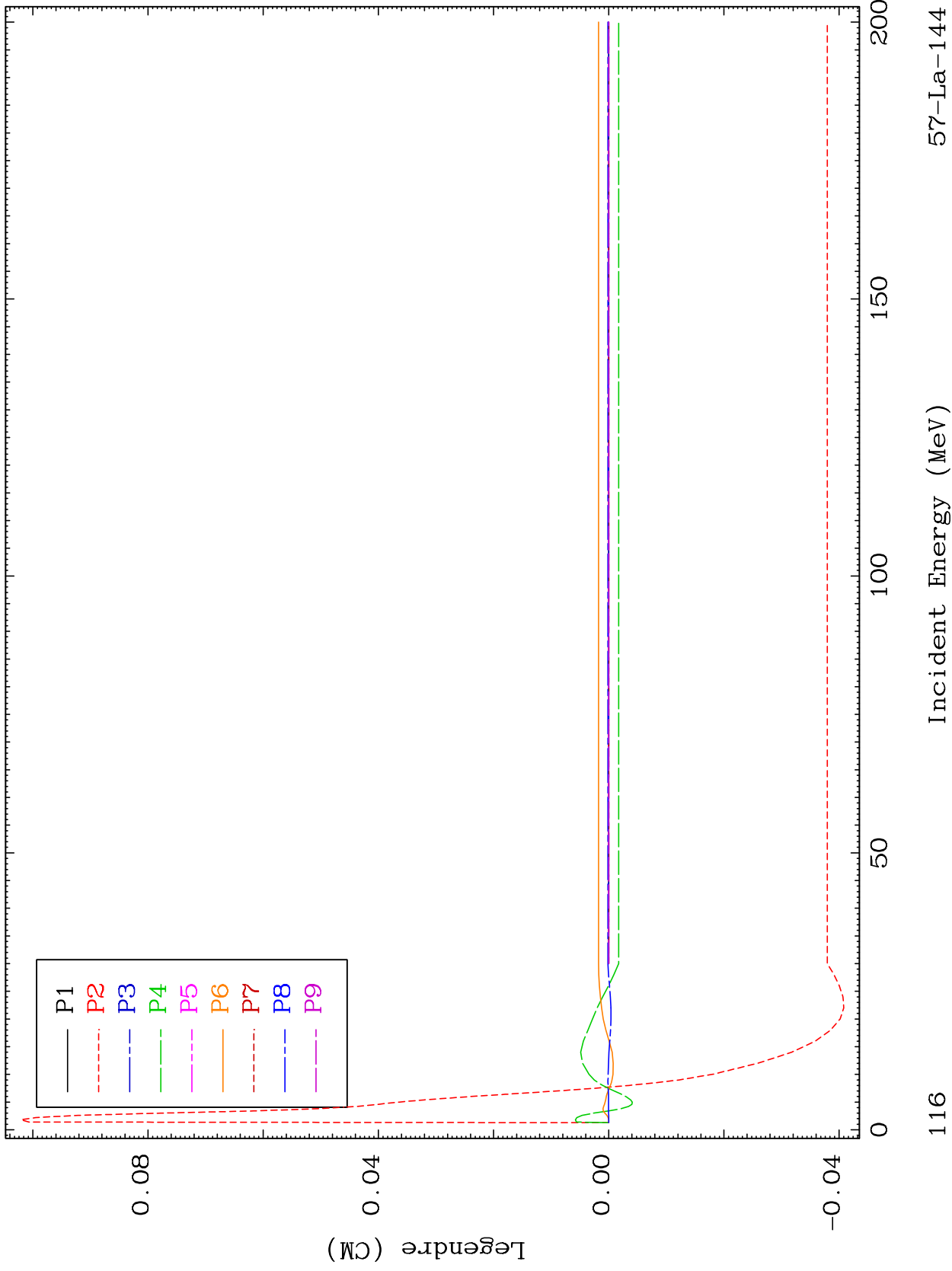
Incident Energy (MeV)

57-La-144

MAT 5743

1.260 MeV (n,n') Level
Legendre Coefficients

57-La-144

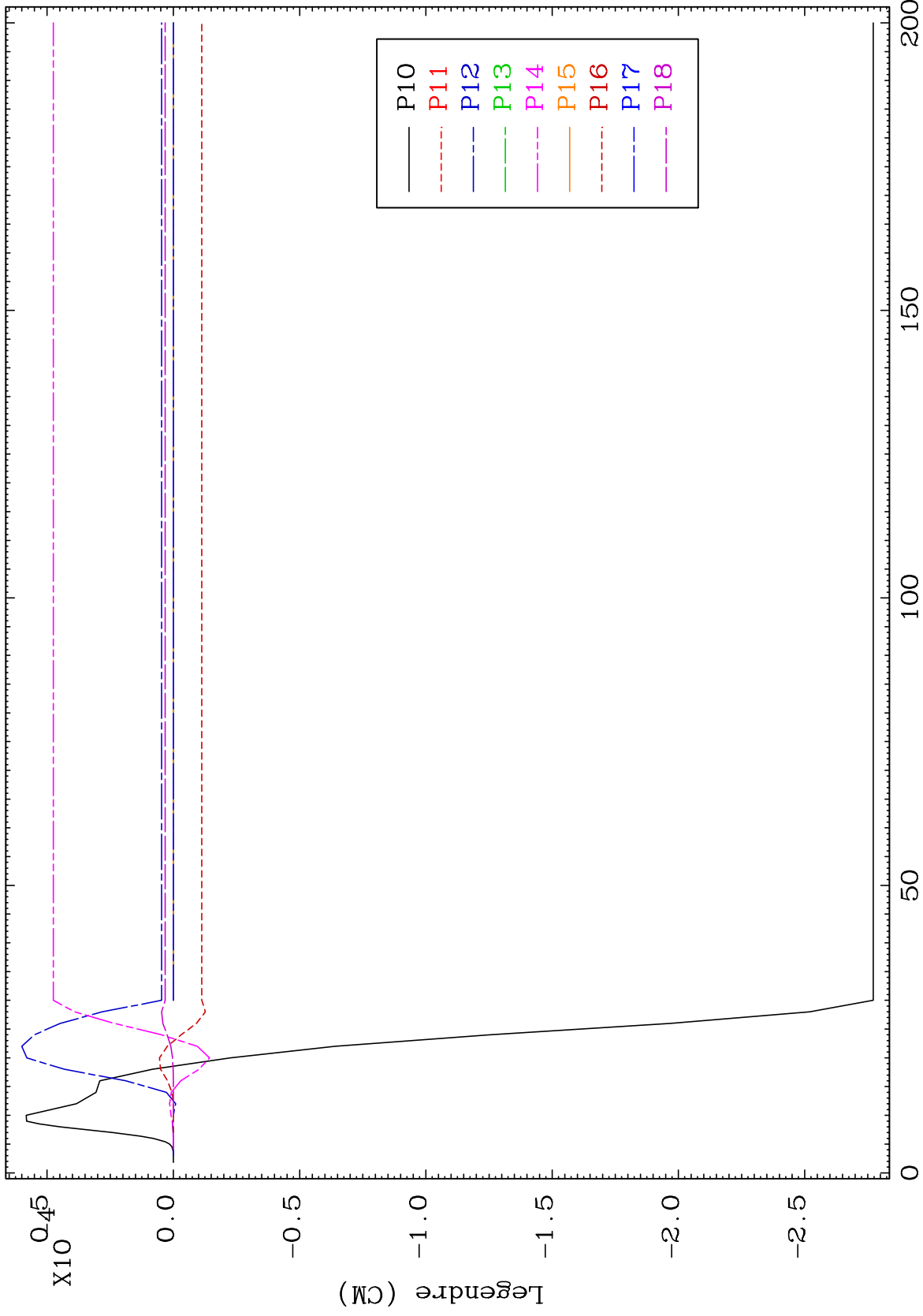


116

MAT 5743

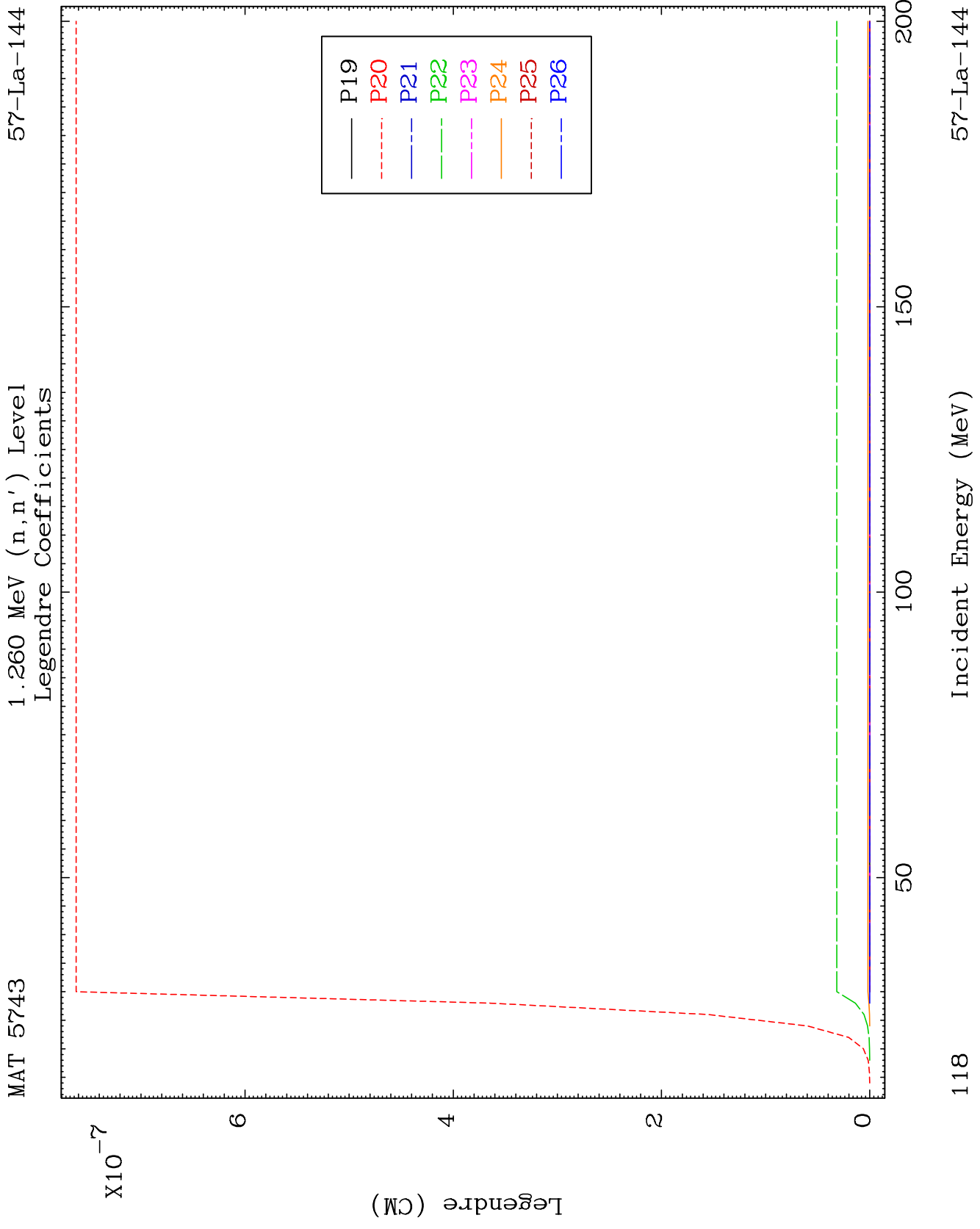
1.260 MeV (n,n') Level
Legendre Coefficients

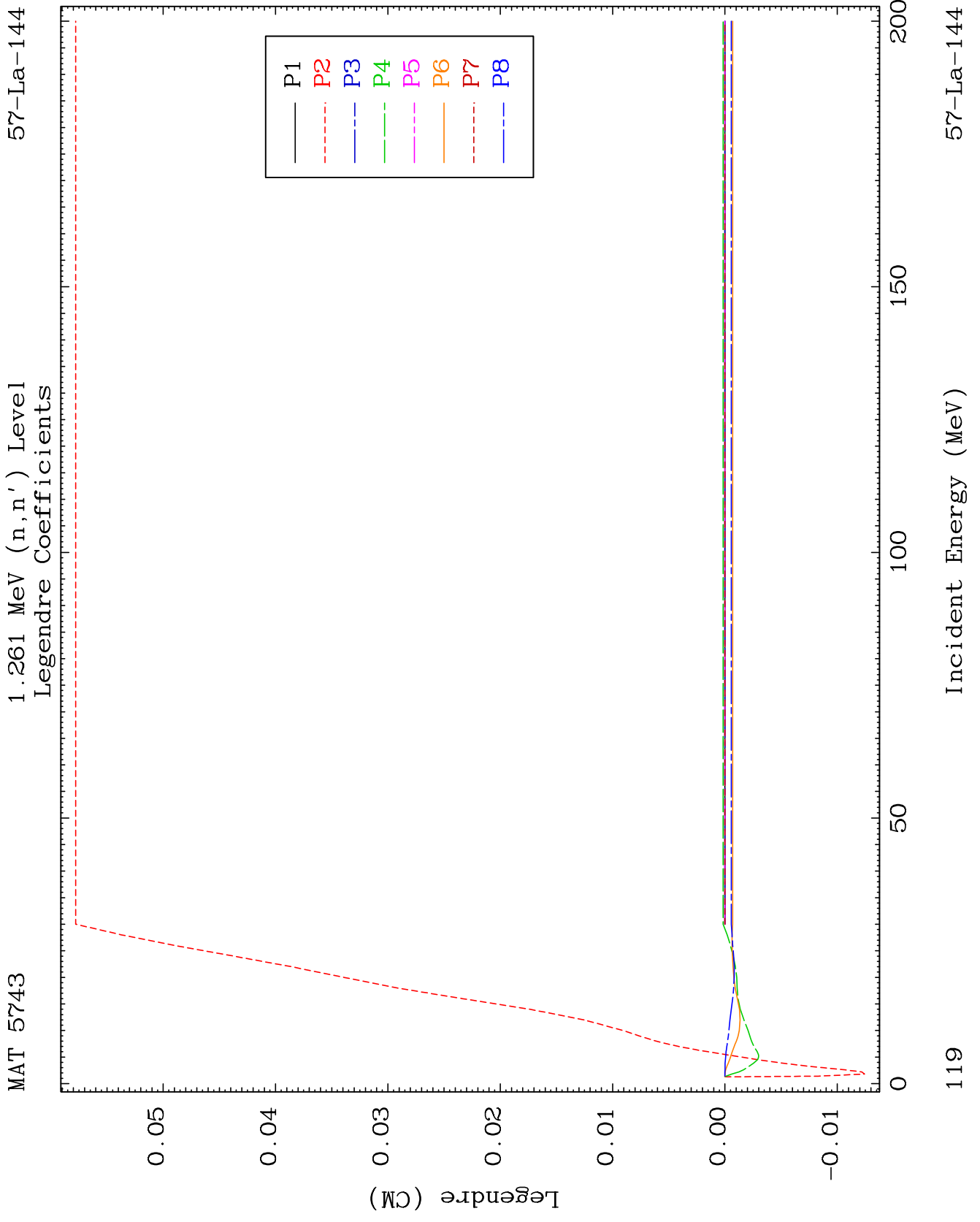
57-La-144

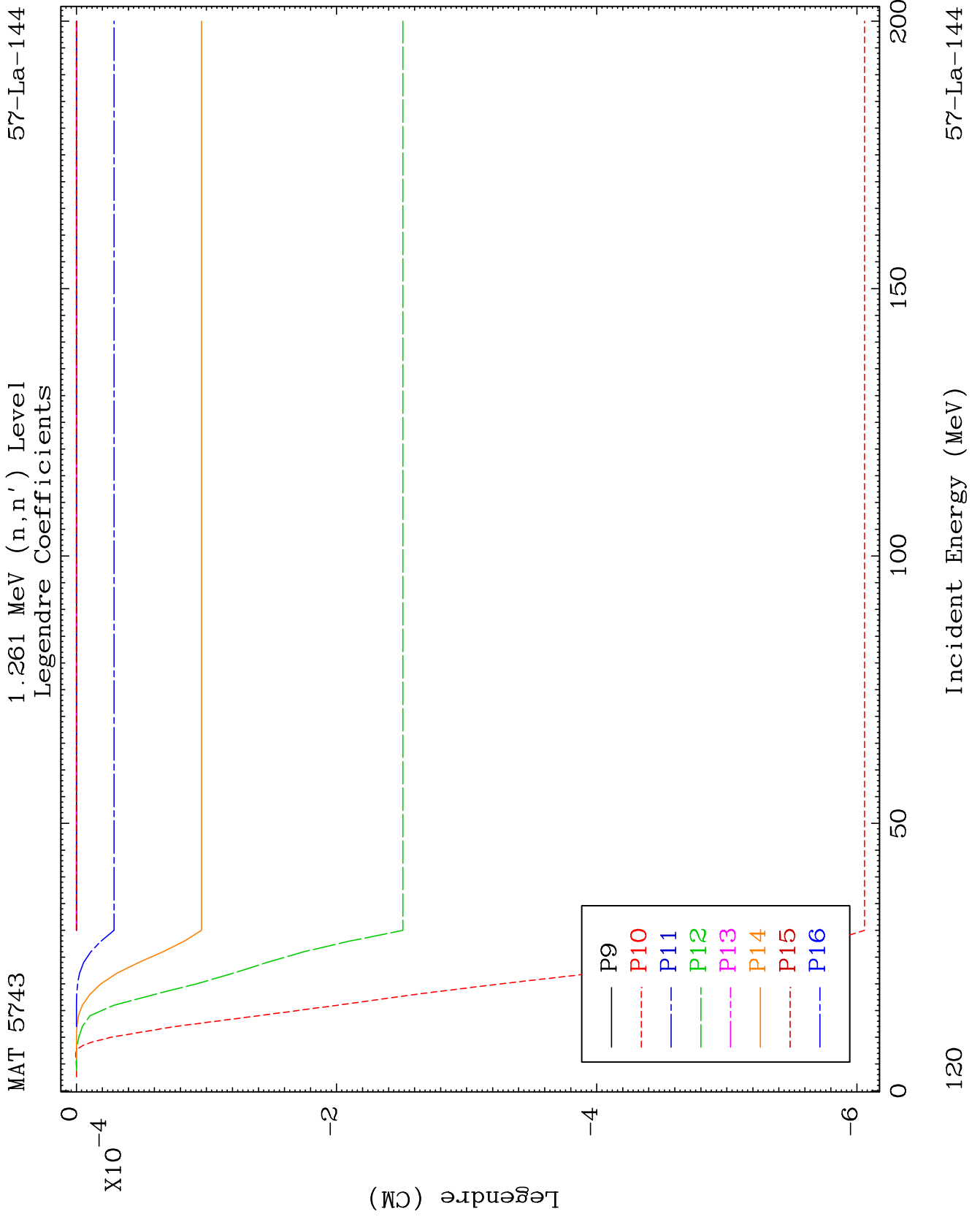


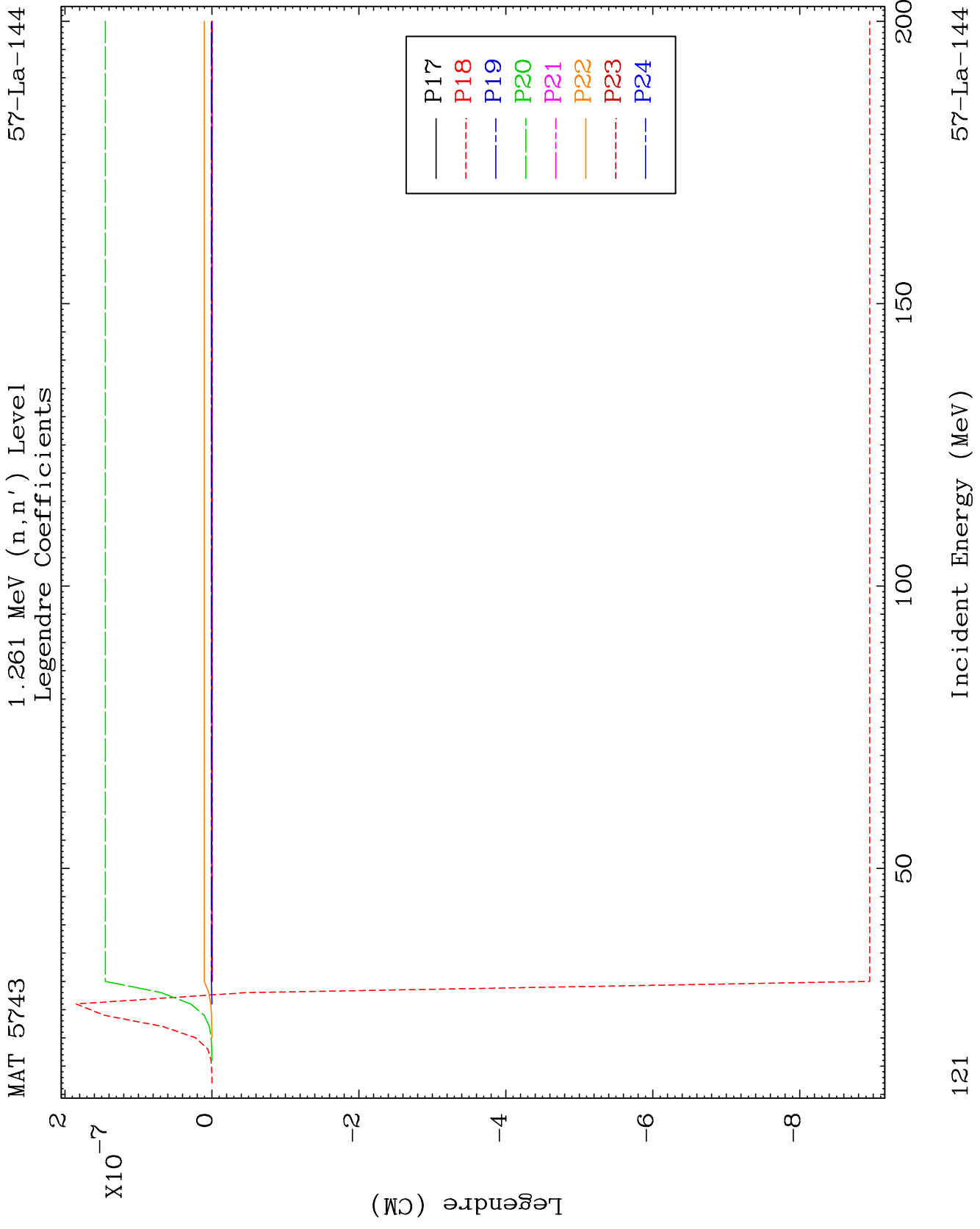
117

57-La-144







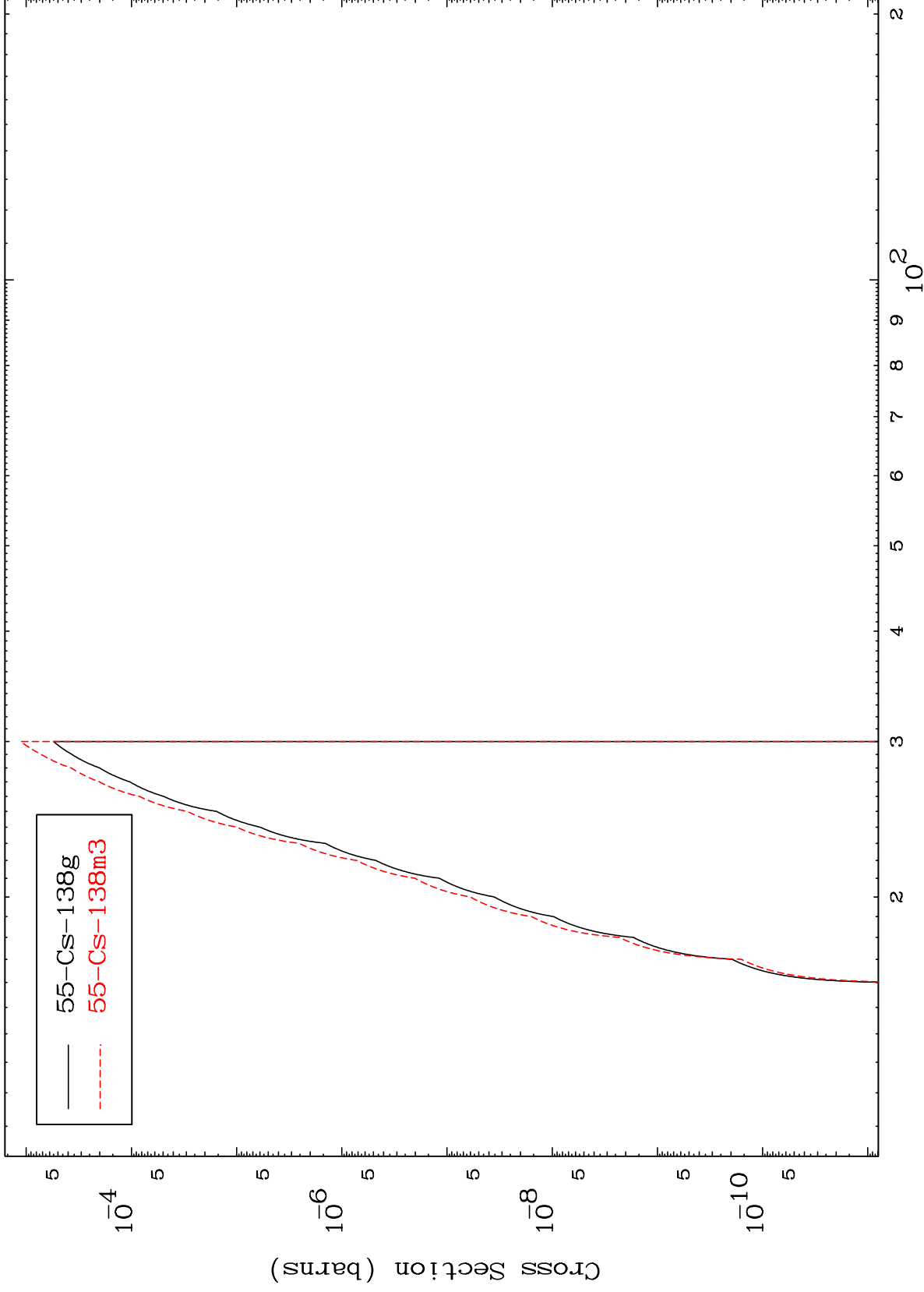


MAT 5743

(n,3n) α

57-La-144

Radionuclide Production Cross Section



122

Incident Energy (MeV)

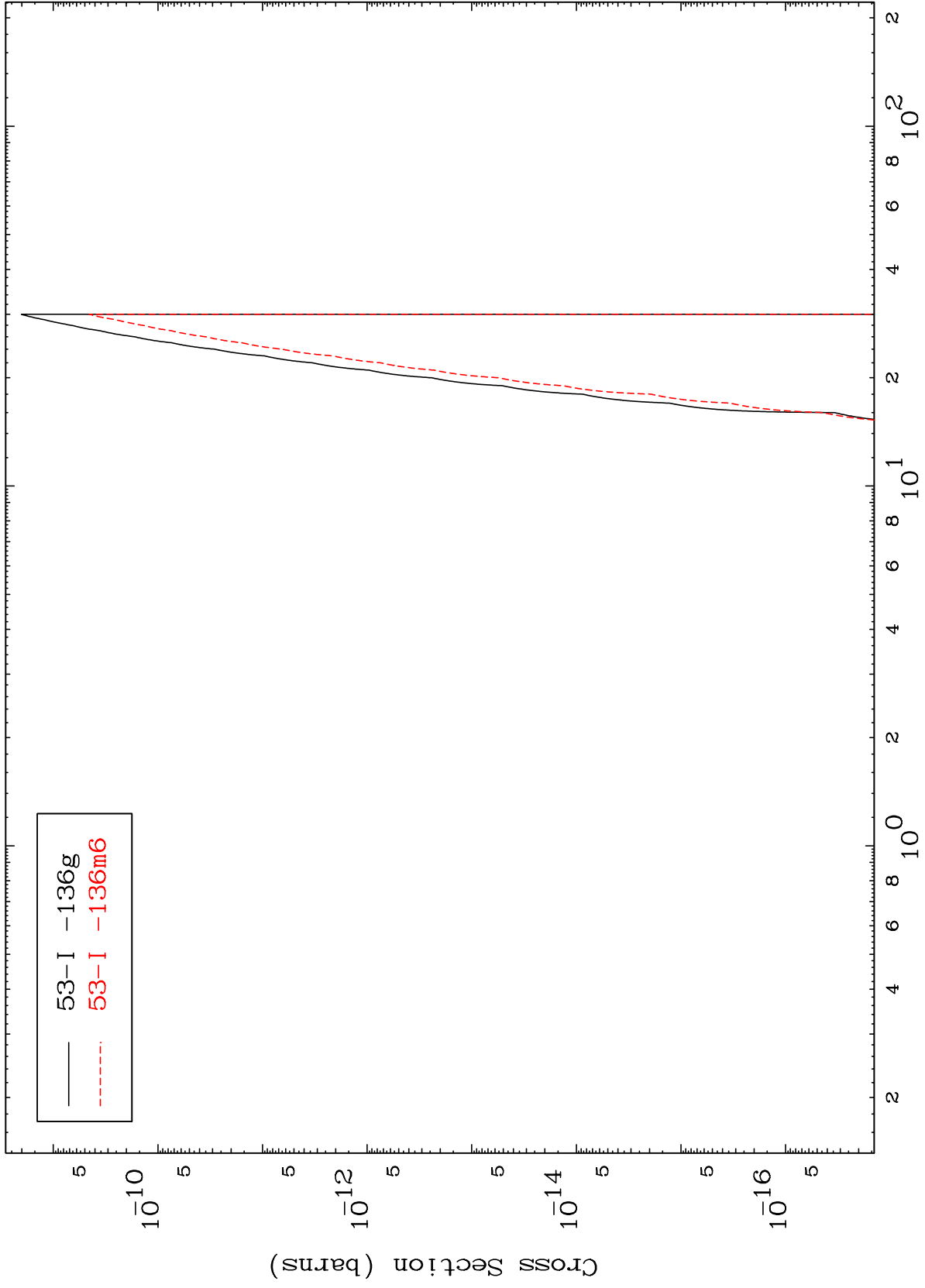
57-La-144

MAT 5743

(n,n') 2 α

57-La-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

57-La-144