

Program EVALPLOT
(Version 2015-2)

by

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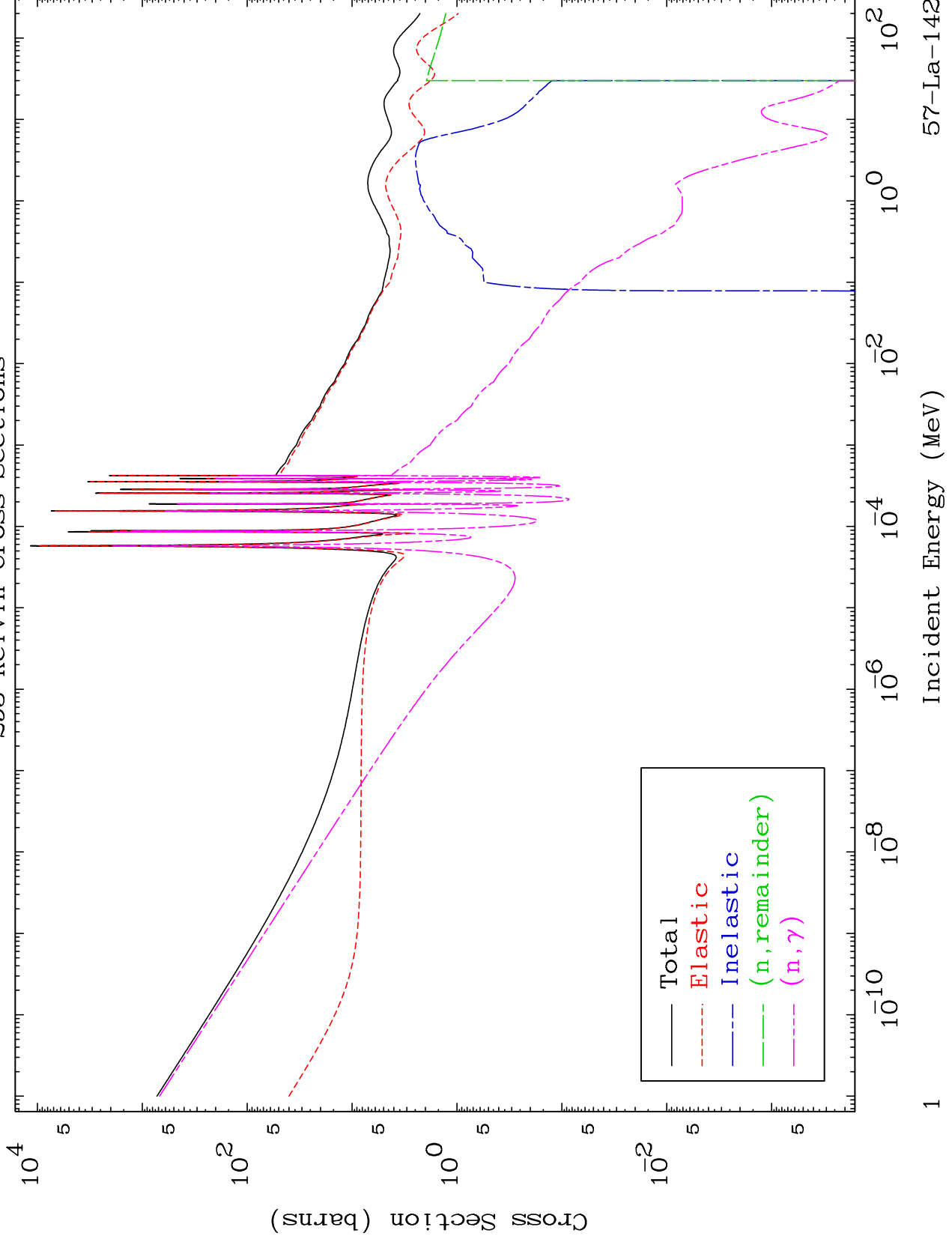
Press Mouse Button to Start

MAT 5737

Major

293 Kelvin Cross Sections

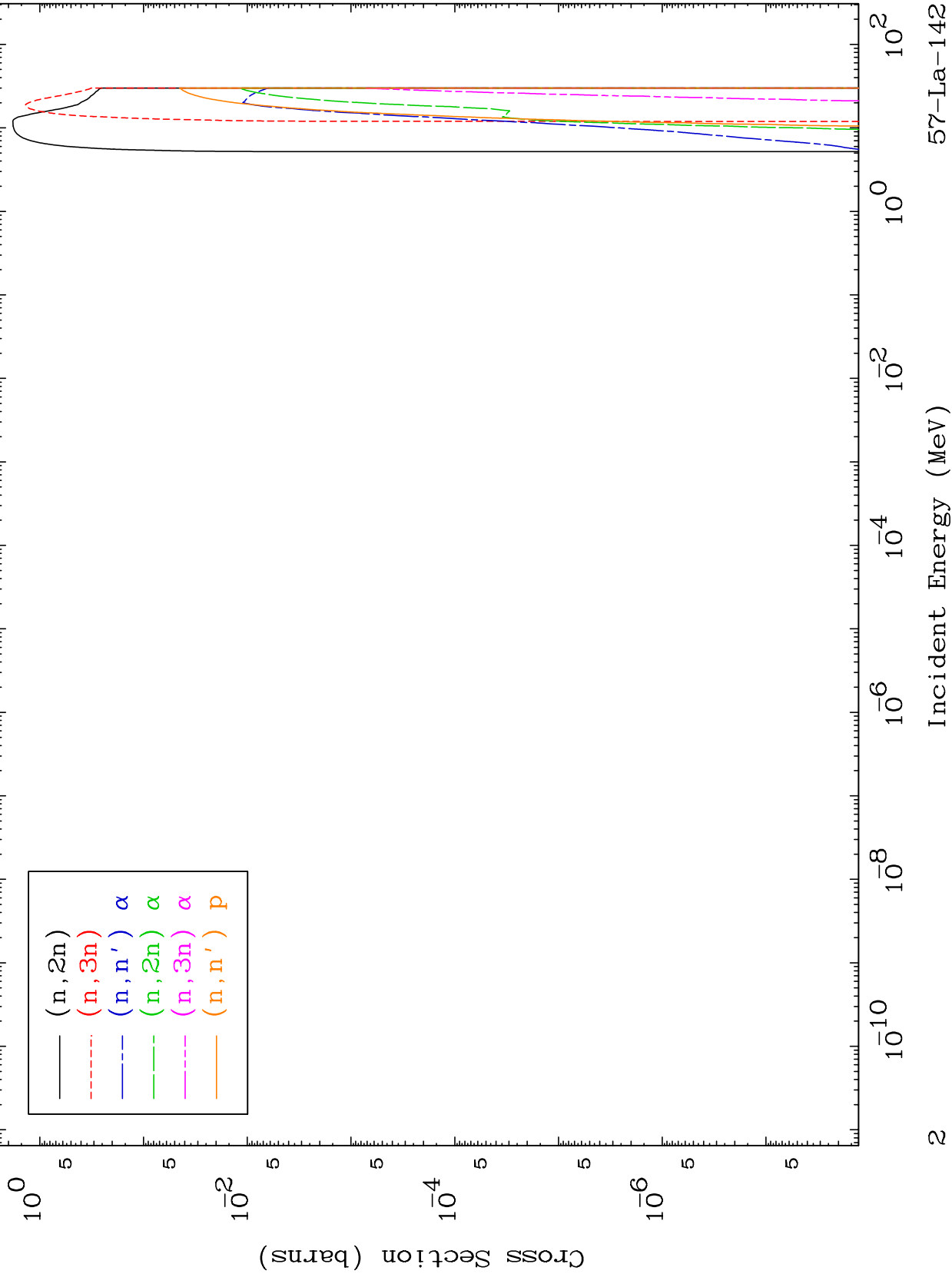
57-La-142



MAT 5737

Neutron Production
293 Kelvin Cross Sections

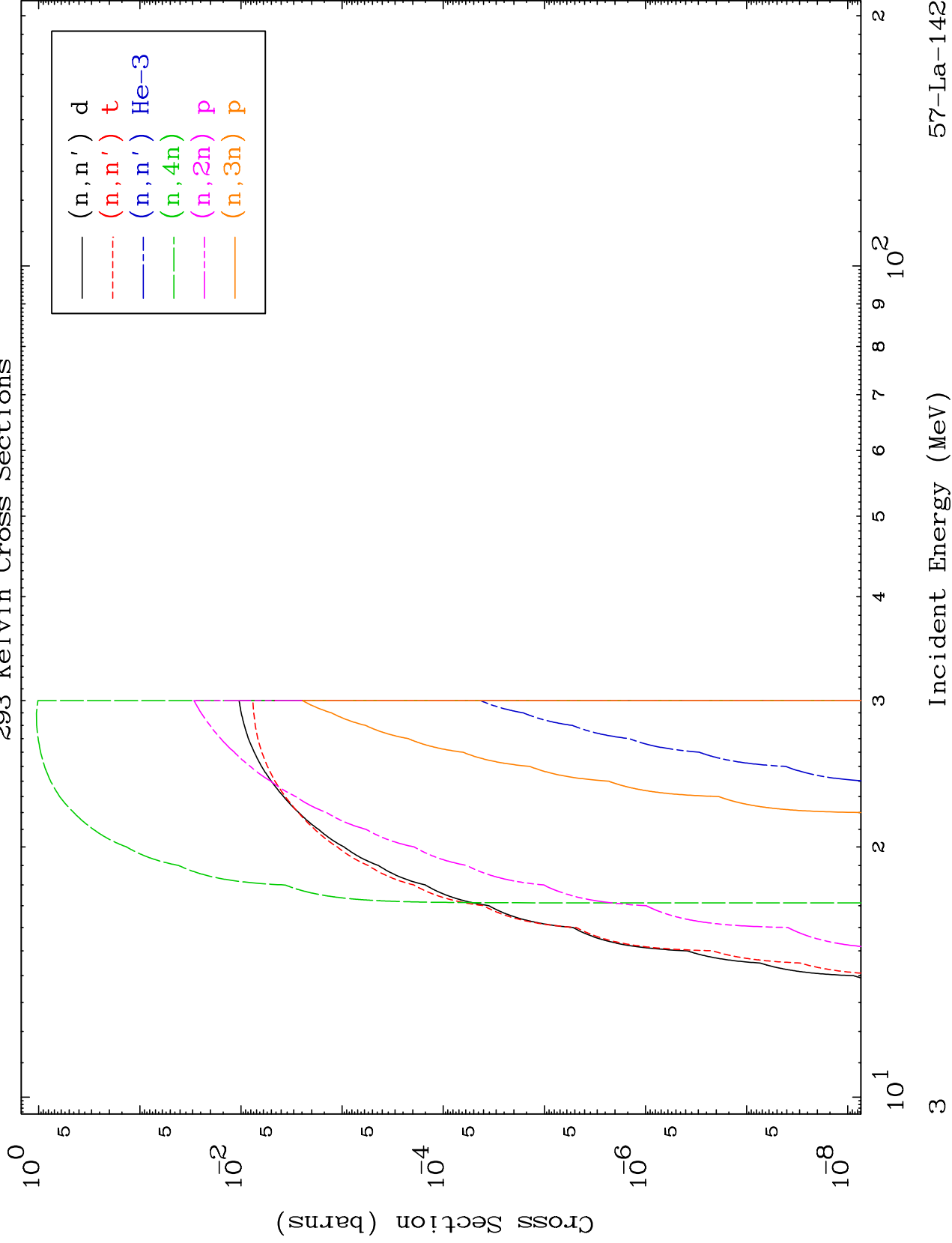
57-La-142



MAT 5737

Neutron Production
293 Kelvin Cross Sections

57-La-142

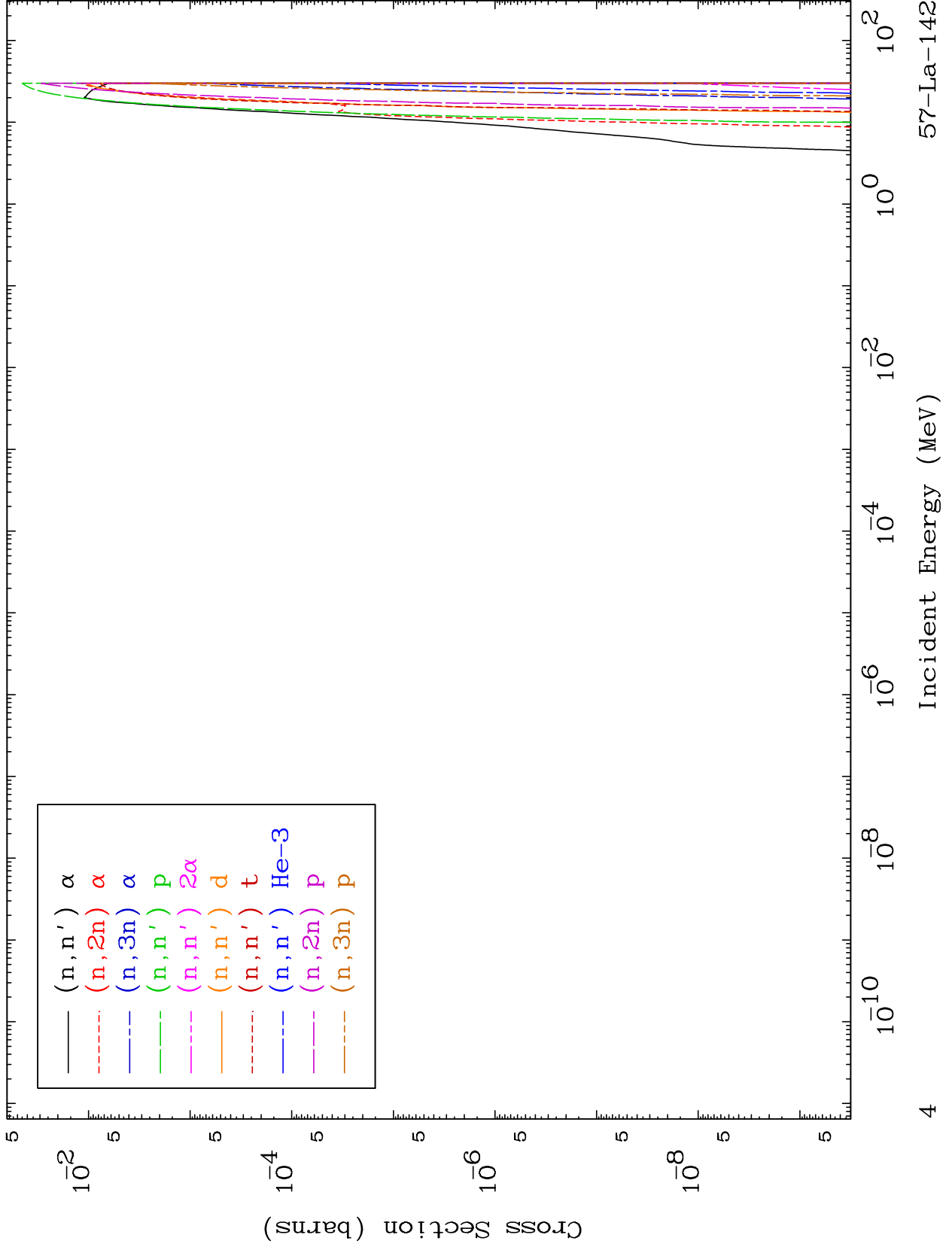


57-La-142

MAT 5737

Charged Particle
293 Kelvin Cross Sections

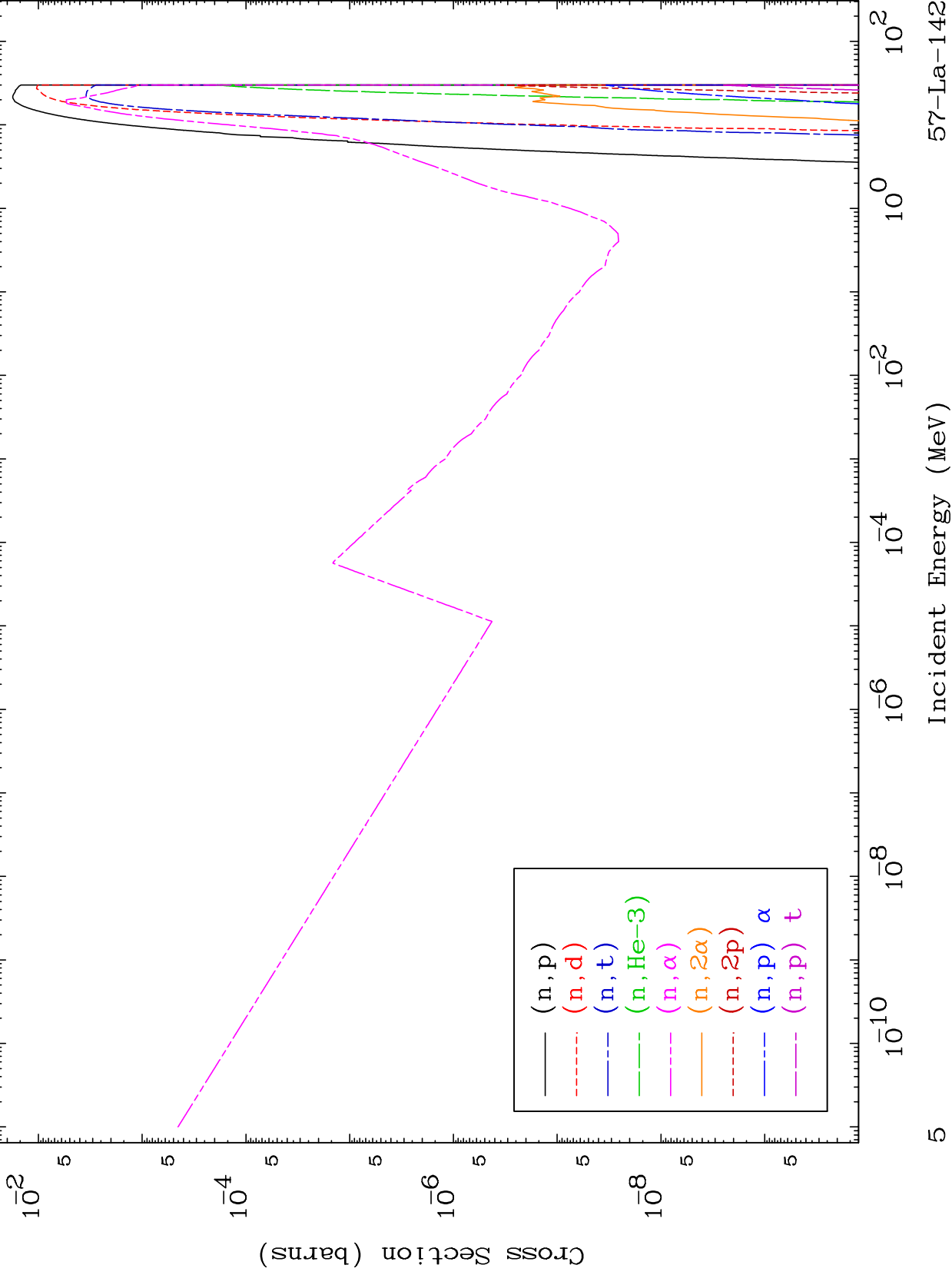
57-La-142



MAT 5737

Charged Particle
293 Kelvin Cross Sections

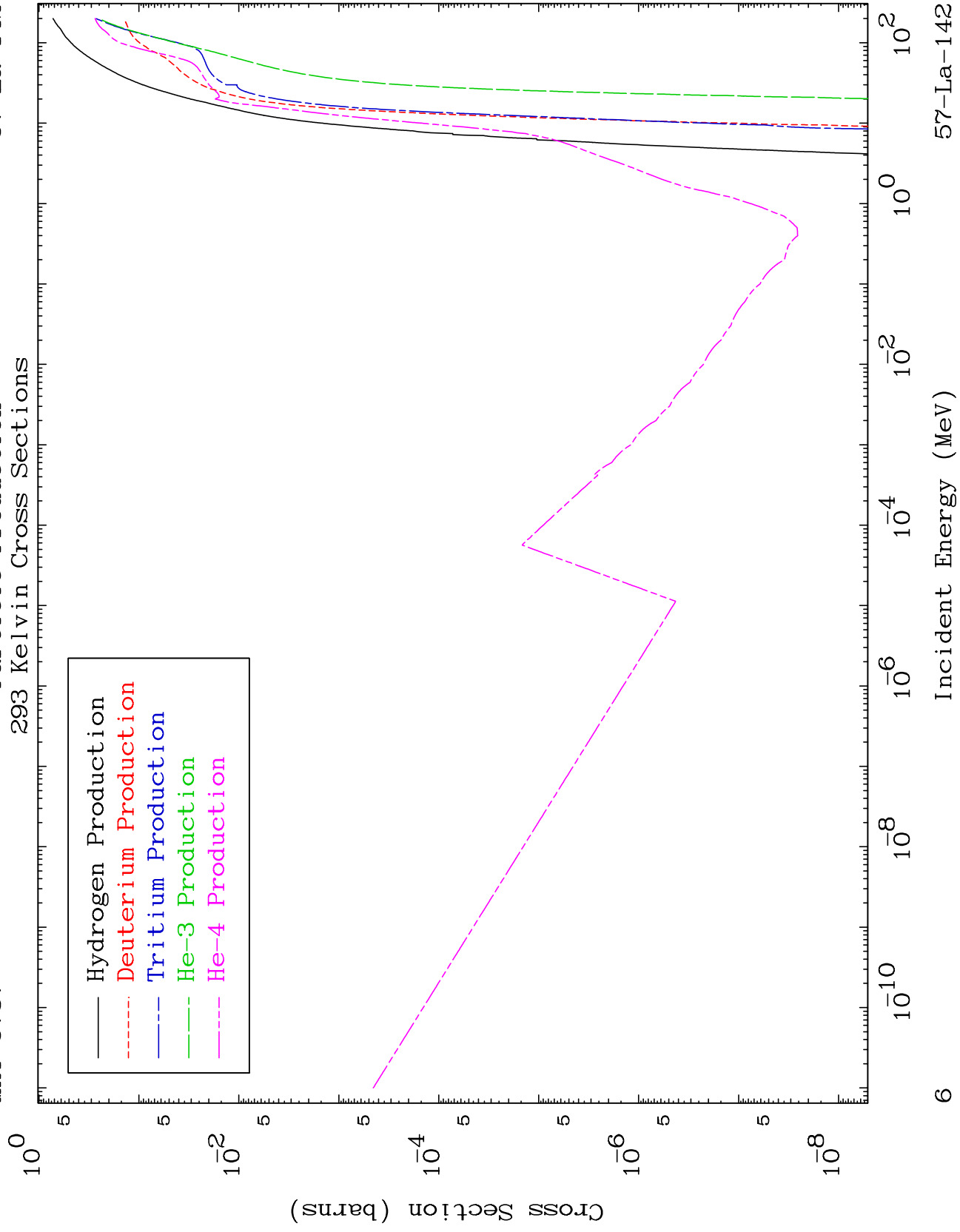
57-La-142



MAT 5737

Particle Production
293 Kelvin Cross Sections

57-La-142

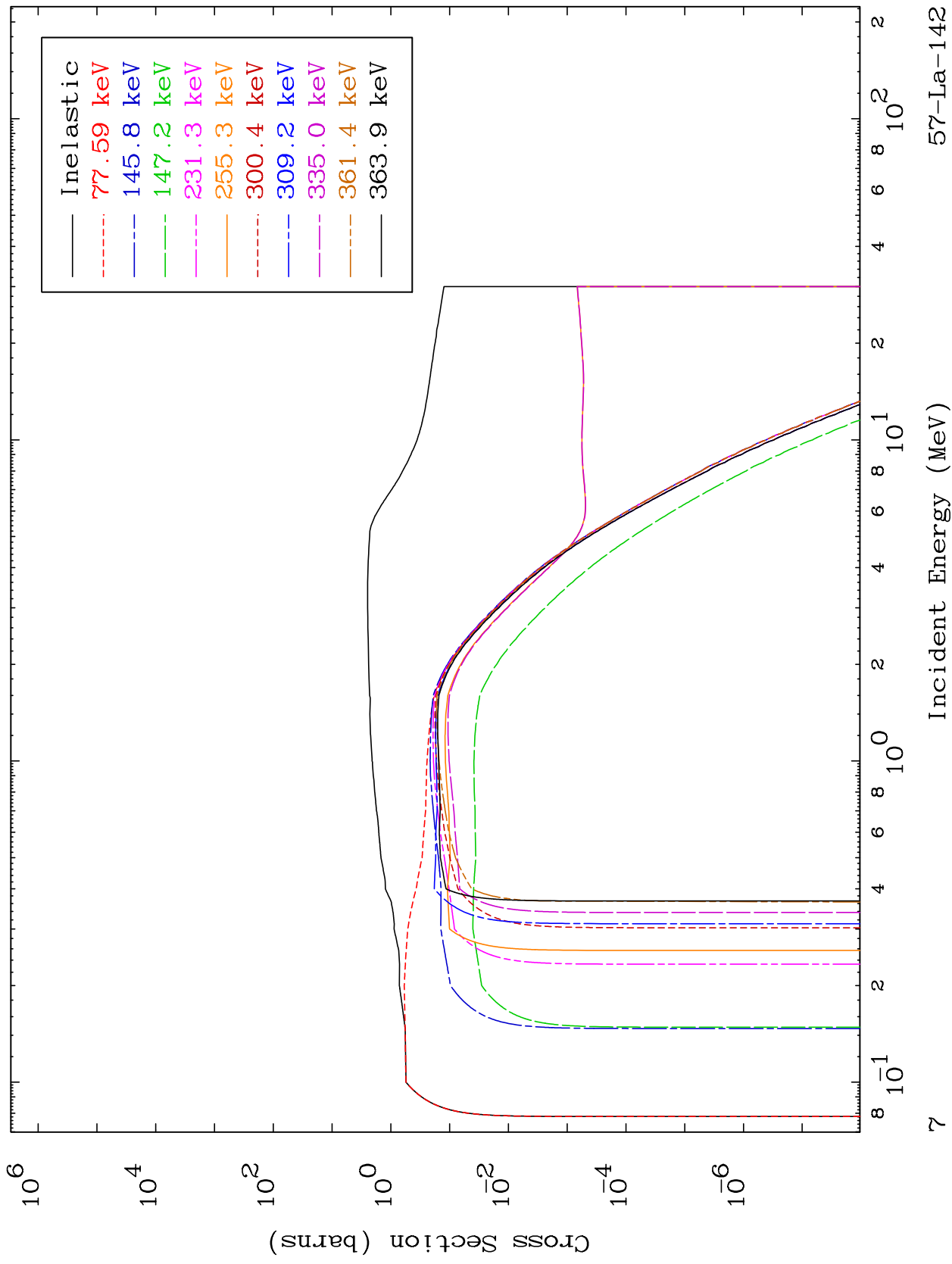


MAT 5737

(n,n') Level

57-La-142

293 Kelvin Cross Sections



57-La-142

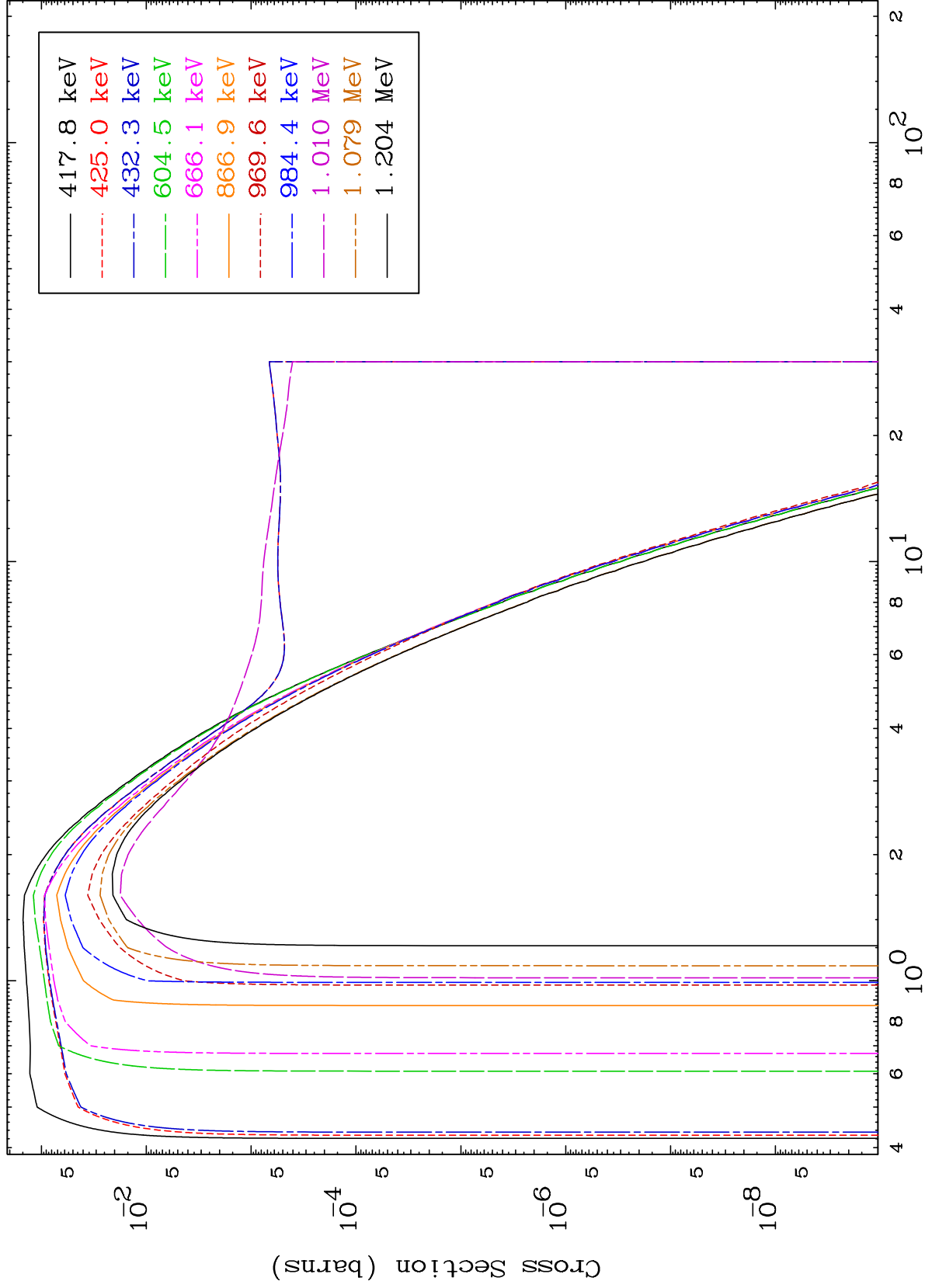
7

MAT 5737

(n,n') Level

57-La-142

293 Kelvin Cross Sections



8

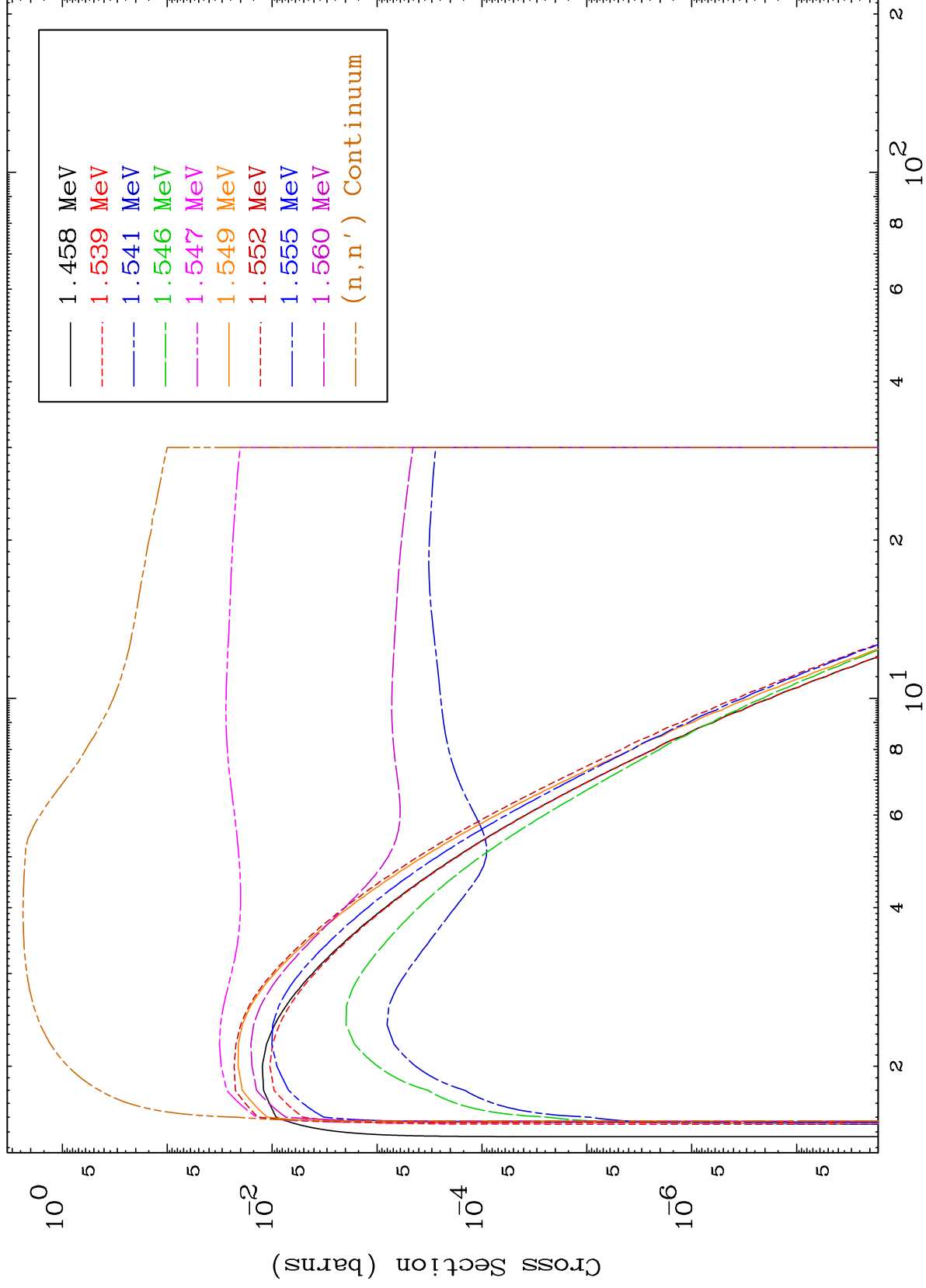
Incident Energy (MeV)

57-La-142

MAT 5737

(n,n') Level
293 Kelvin Cross Sections

57-La-142



9

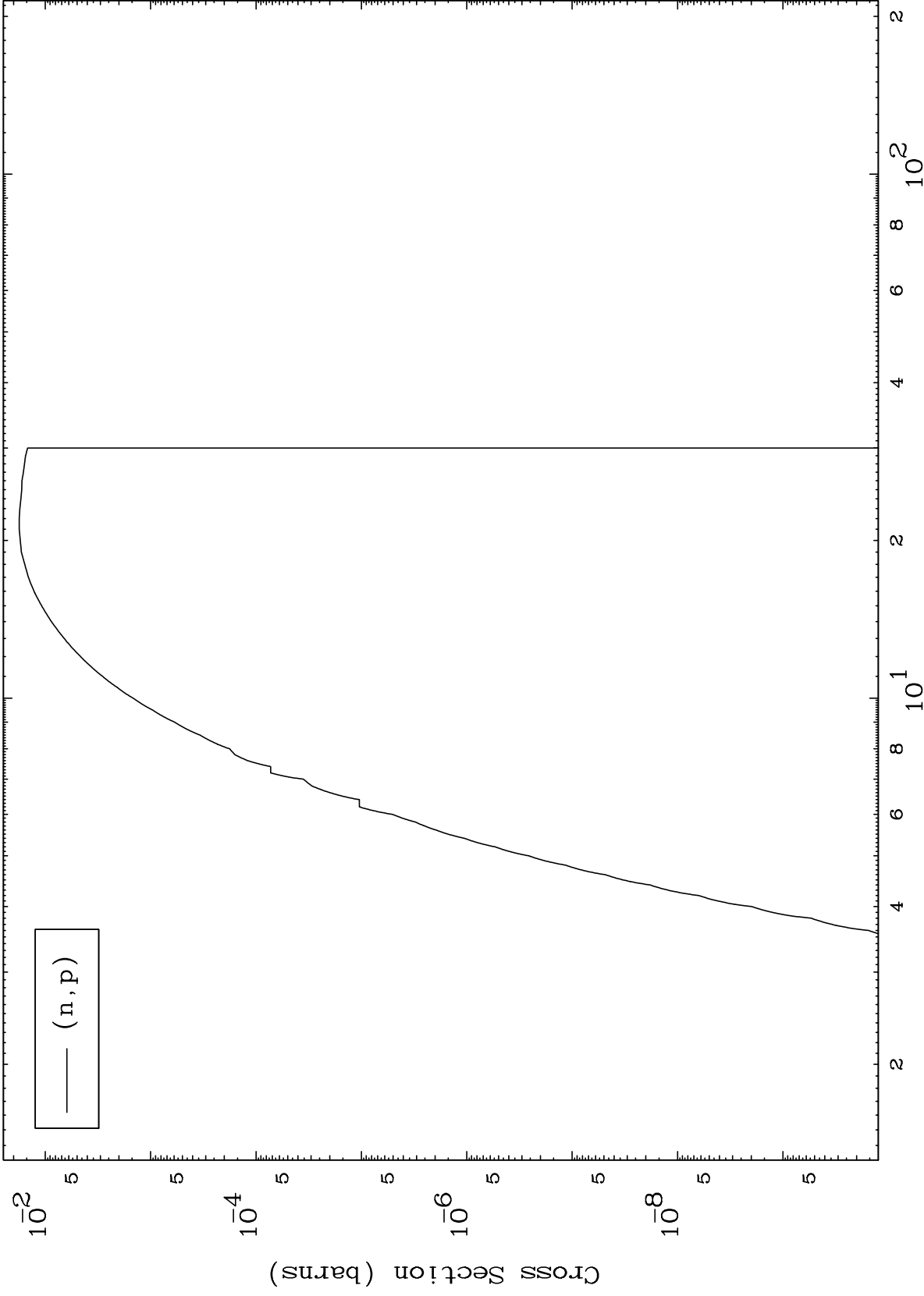
Incident Energy (MeV)

57-La-142

MAT 5737

(n,p) Levels
293 Kelvin Cross Sections

57-La-142



10

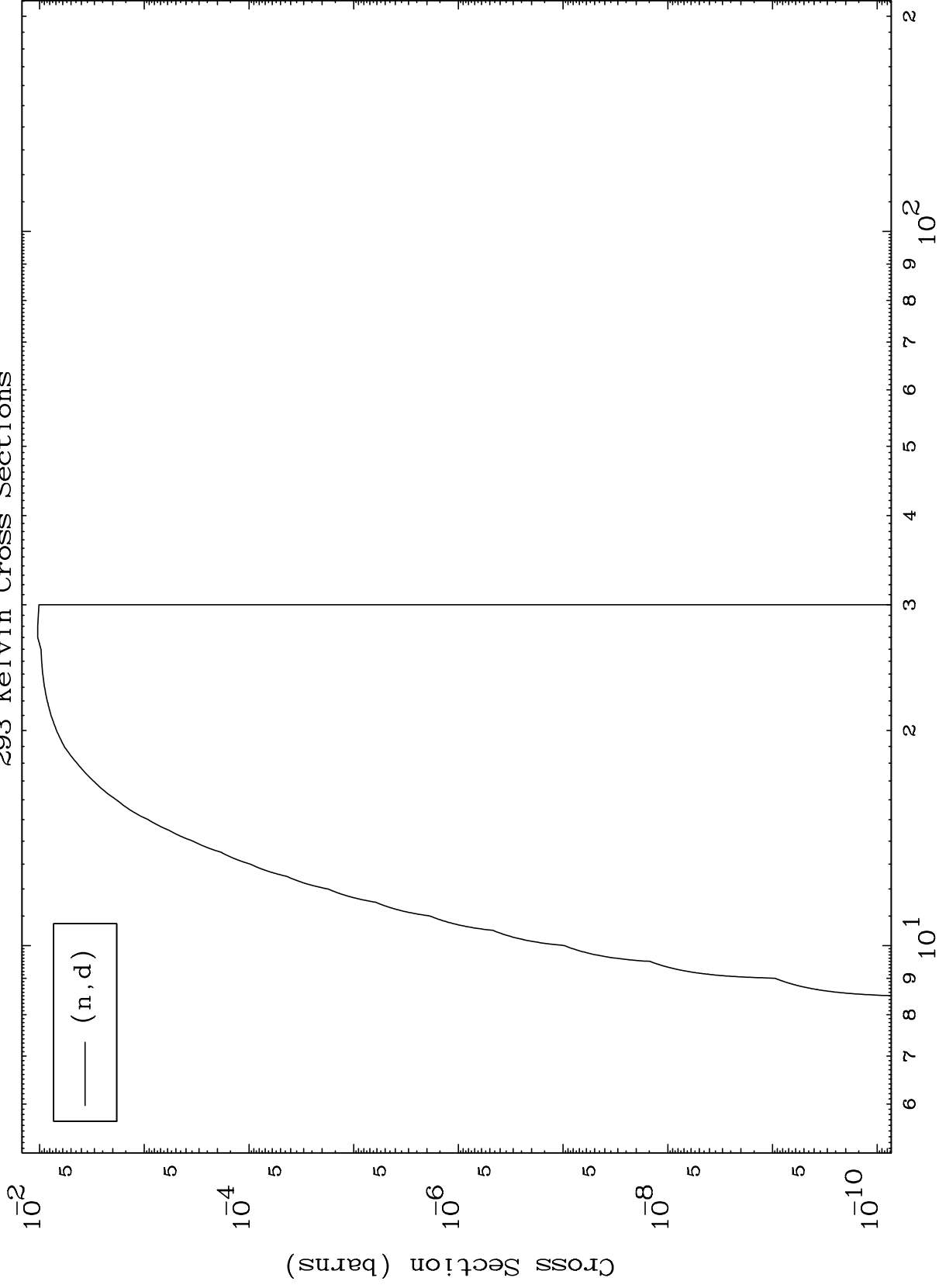
Incident Energy (MeV)

57-La-142

MAT 5737

(n,d) Levels
293 Kelvin Cross Sections

57-La-142



(n,d)

11

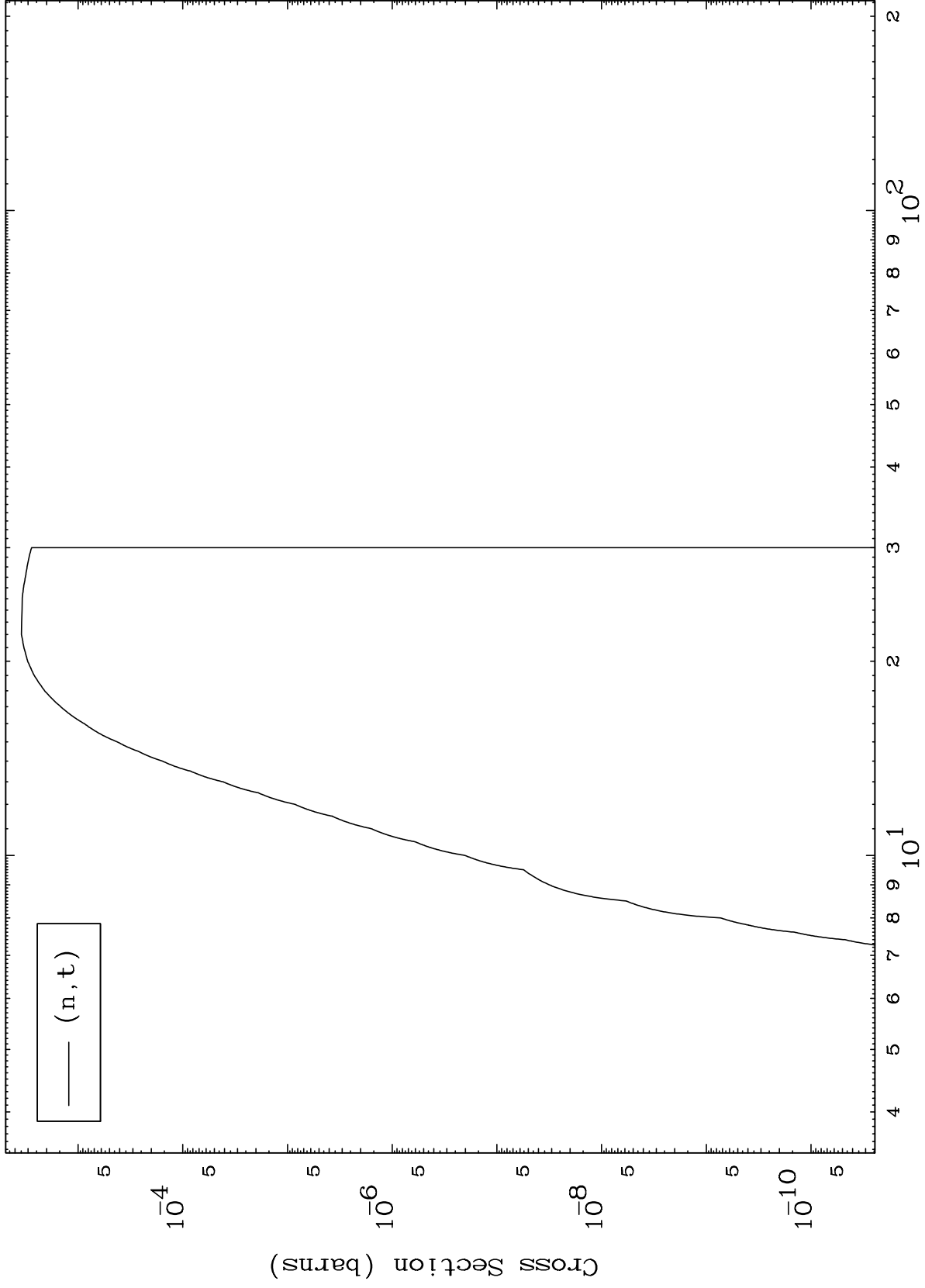
Incident Energy (MeV)

57-La-142

MAT 5737

(n,t) Levels
293 Kelvin Cross Sections

57-La-142



12

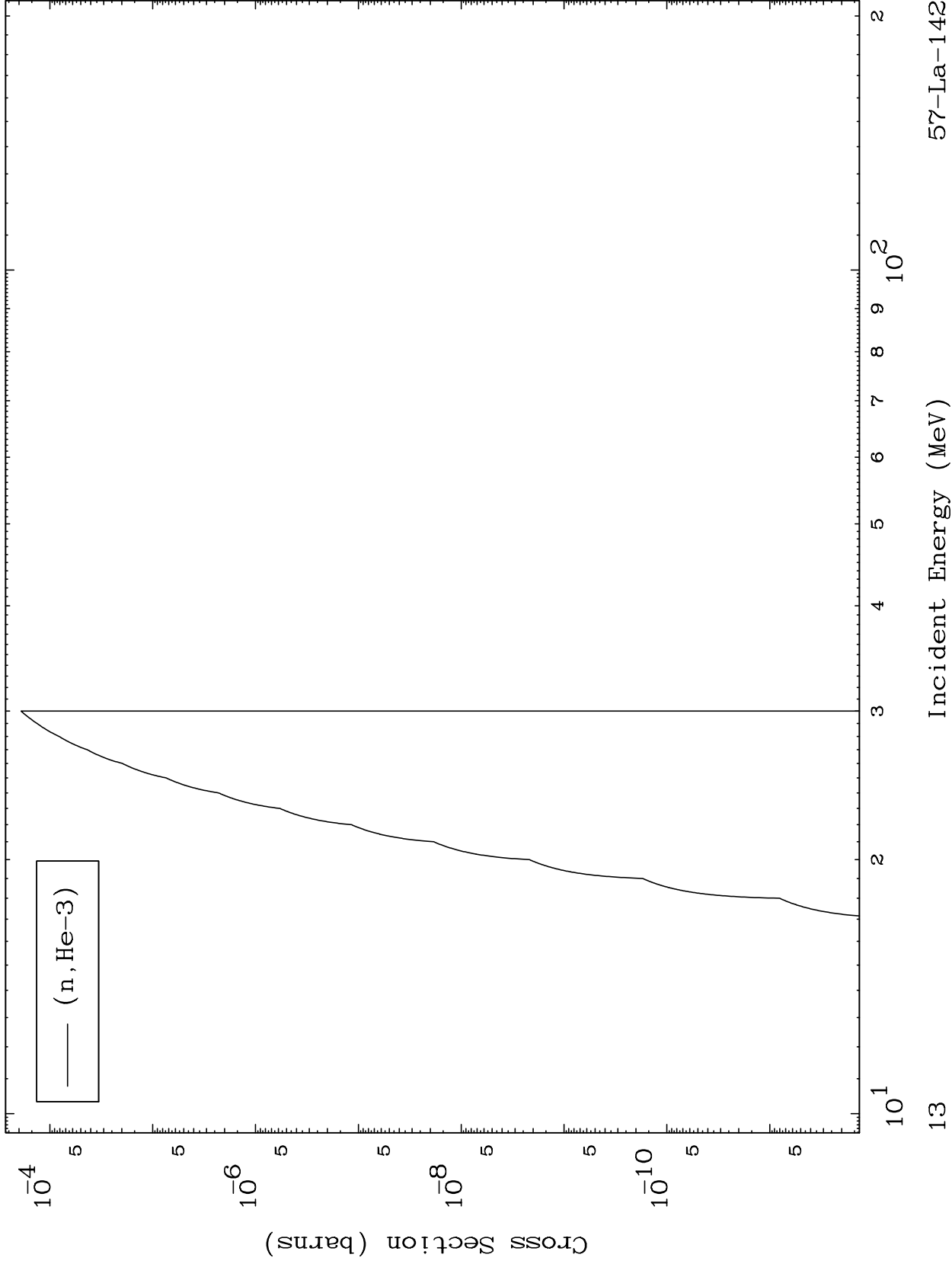
Incident Energy (MeV)

57-La-142

MAT 5737

(n,He3) Levels
293 Kelvin Cross Sections

57-La-142



57-La-142

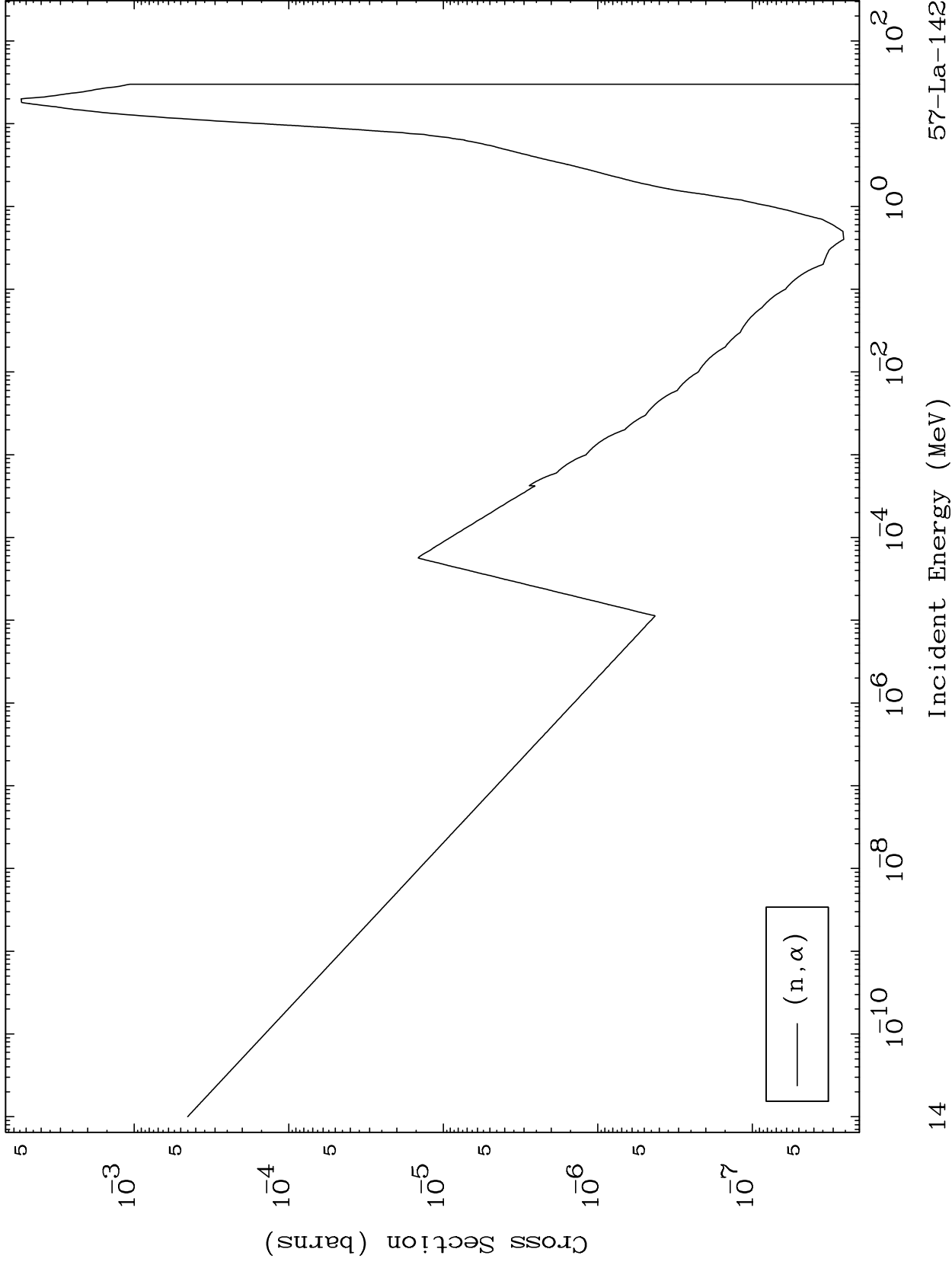
Incident Energy (MeV)

13

MAT 5737

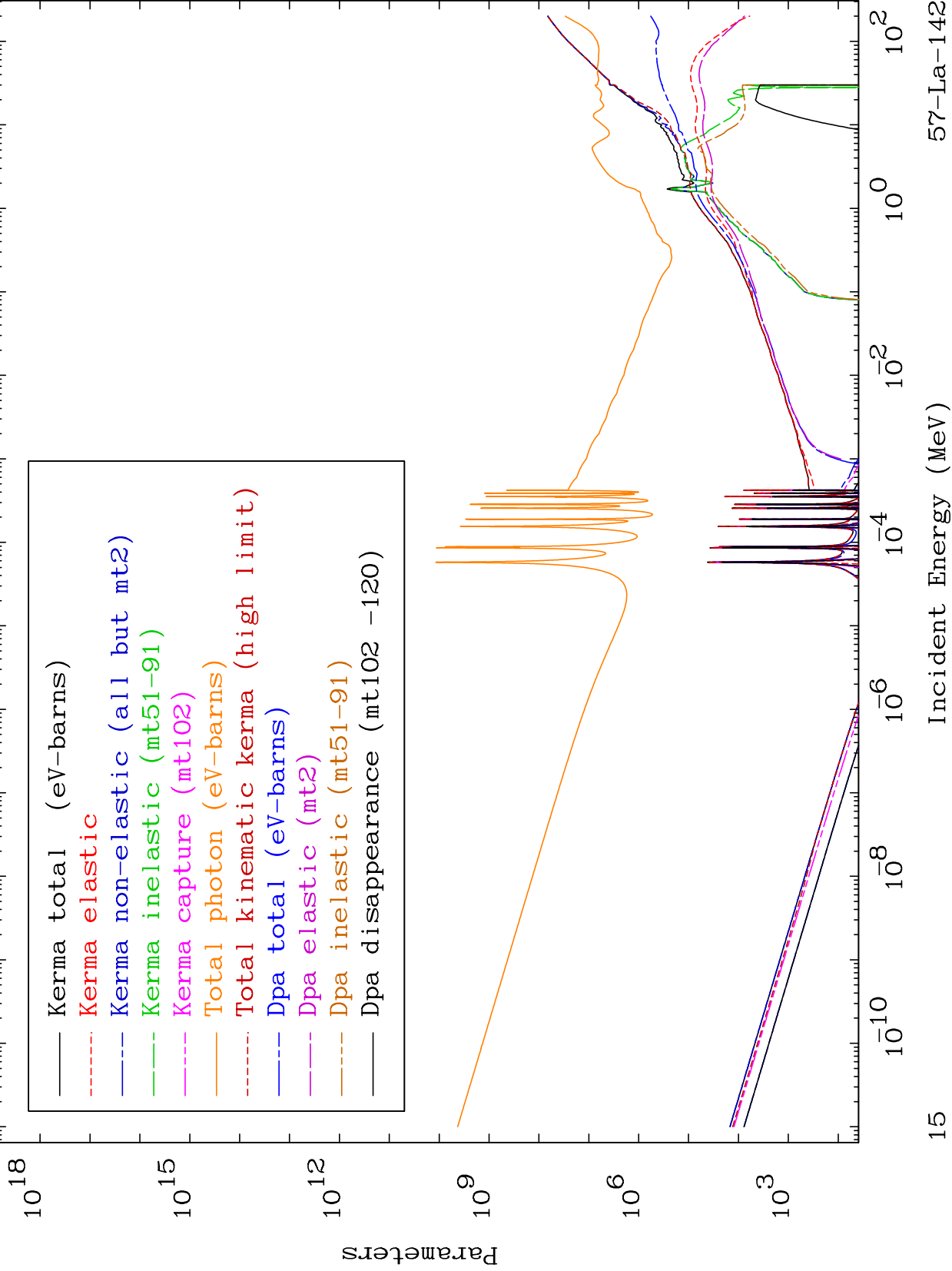
(n, α) Levels
293 Kelvin Cross Sections

57-La-142



14

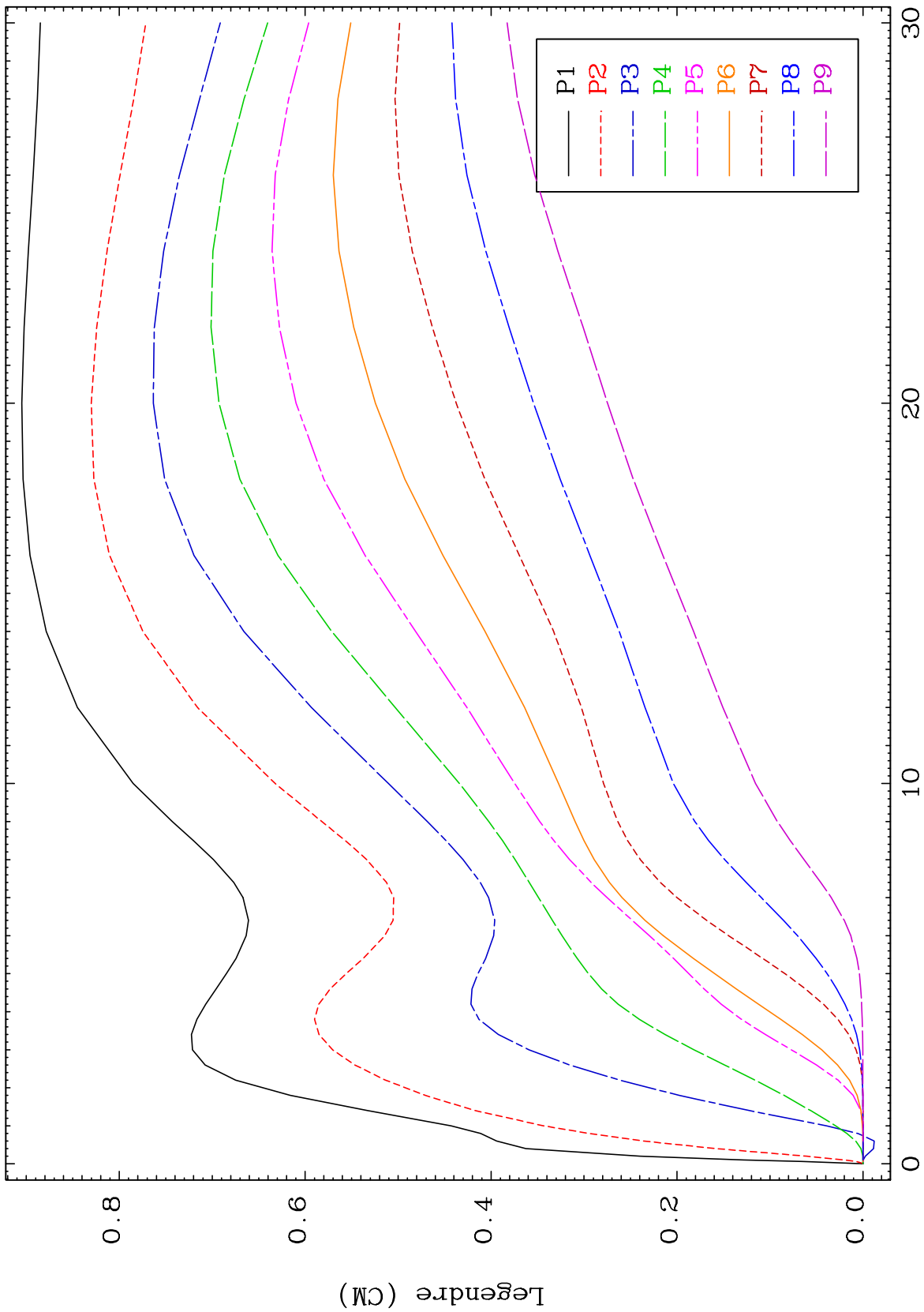
57-La-142



MAT 5737

Elastic Legendre Coefficients

57-La-142



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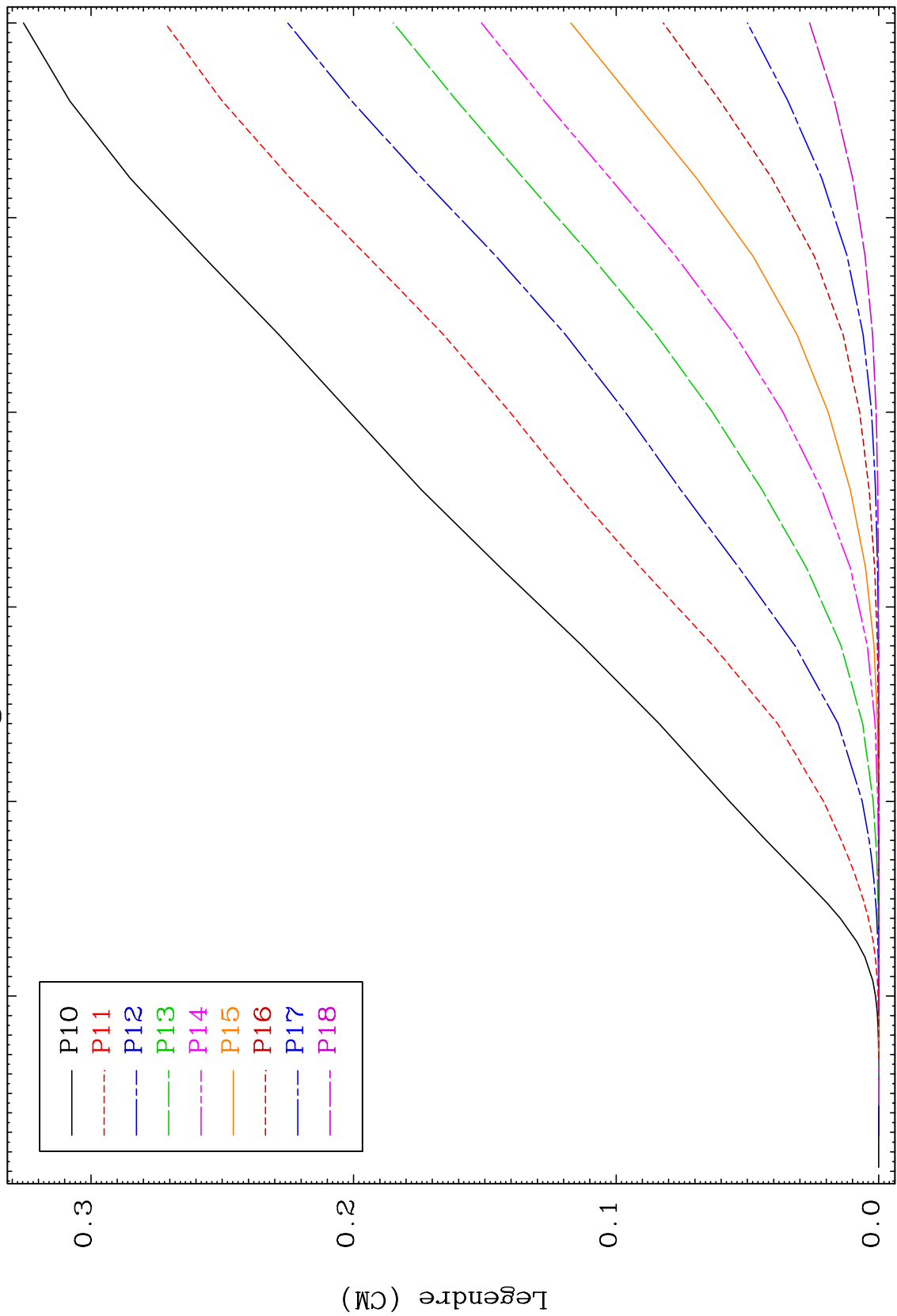
Incident Energy (MeV)

57-La-142

MAT 5737

Elastic Legendre Coefficients

57-La-142



17

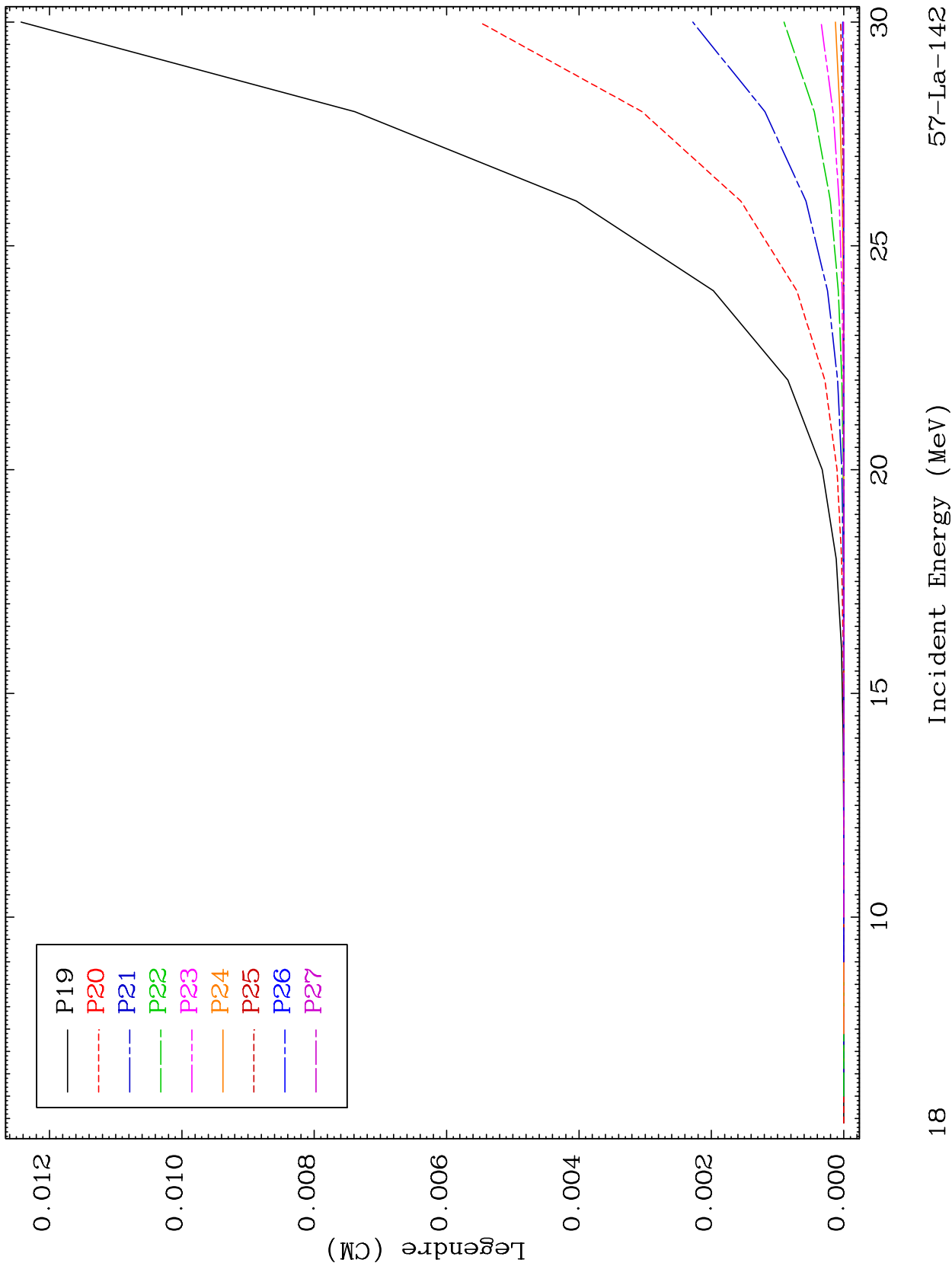
Incident Energy (MeV)

57-La-142

MAT 5737

Elastic Legendre Coefficients

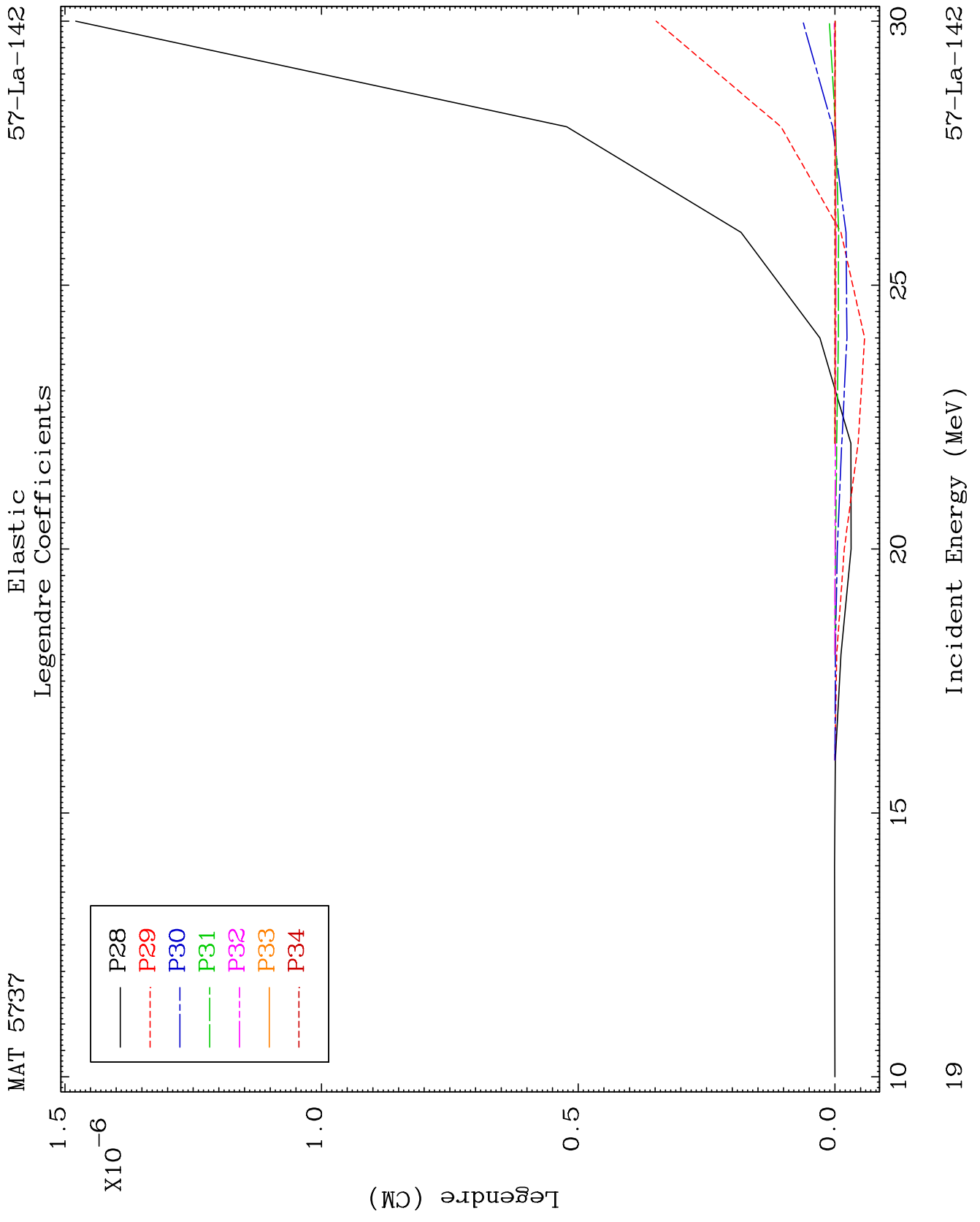
57-La-142

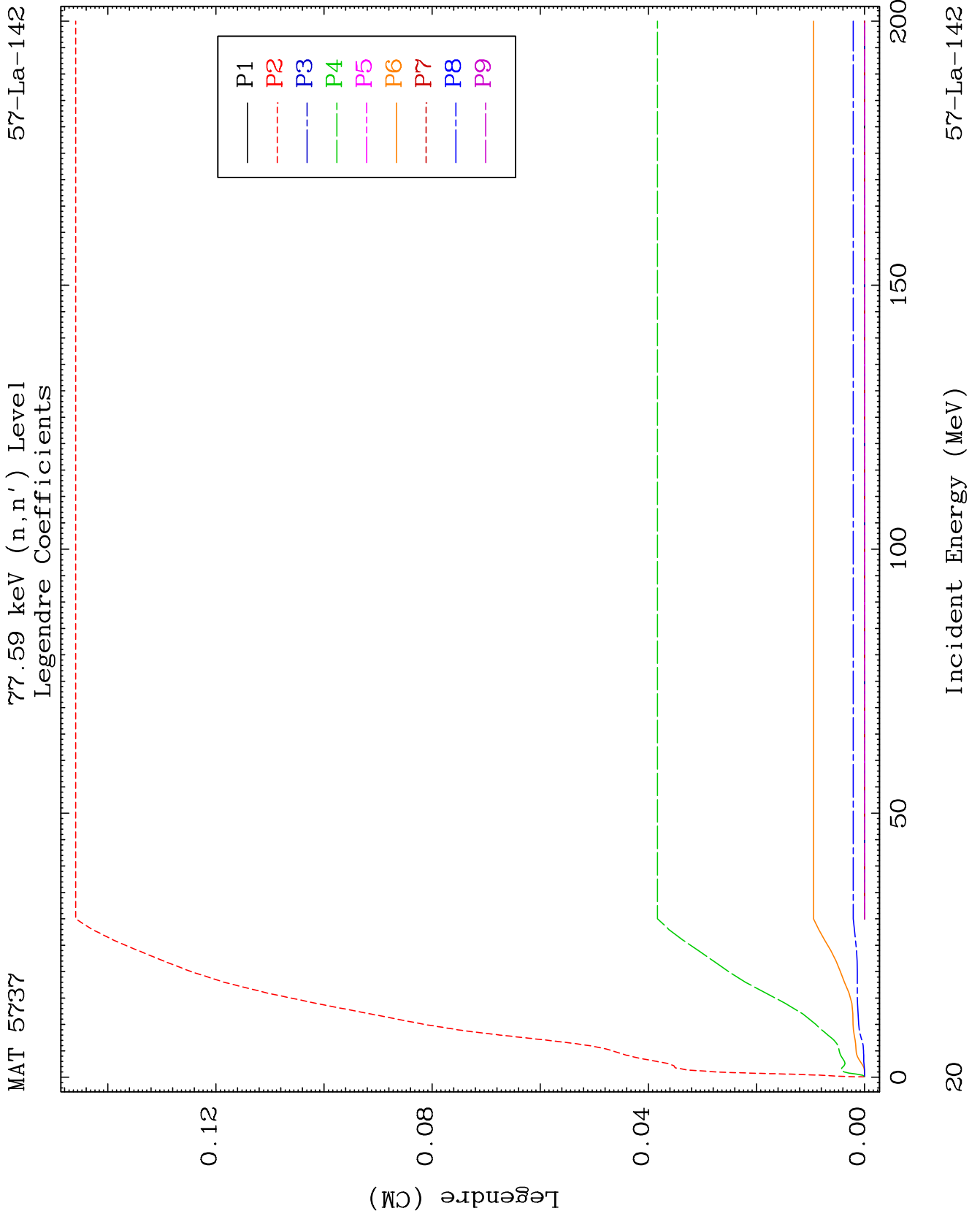


18

Incident Energy (MeV)

57-La-142

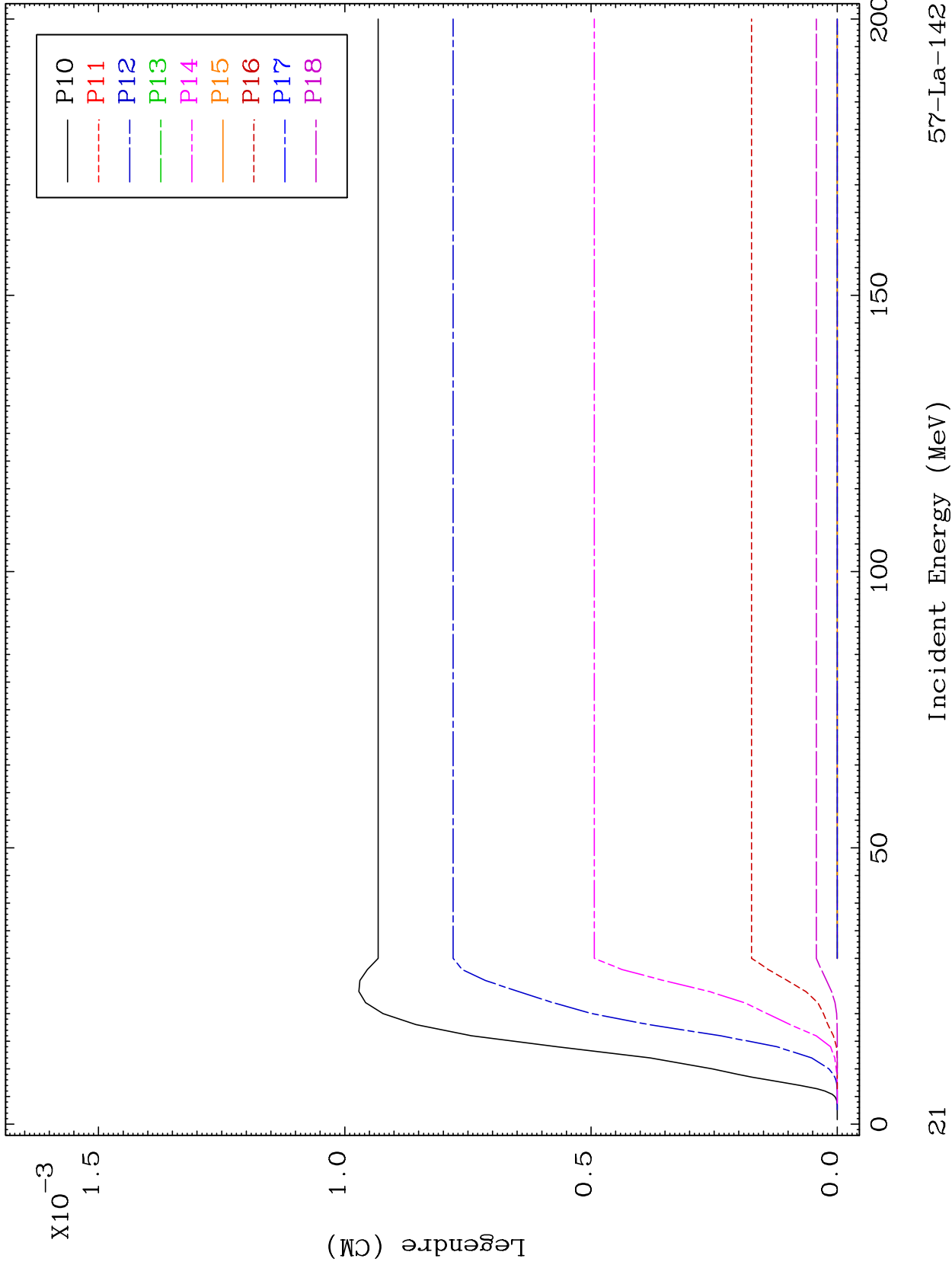


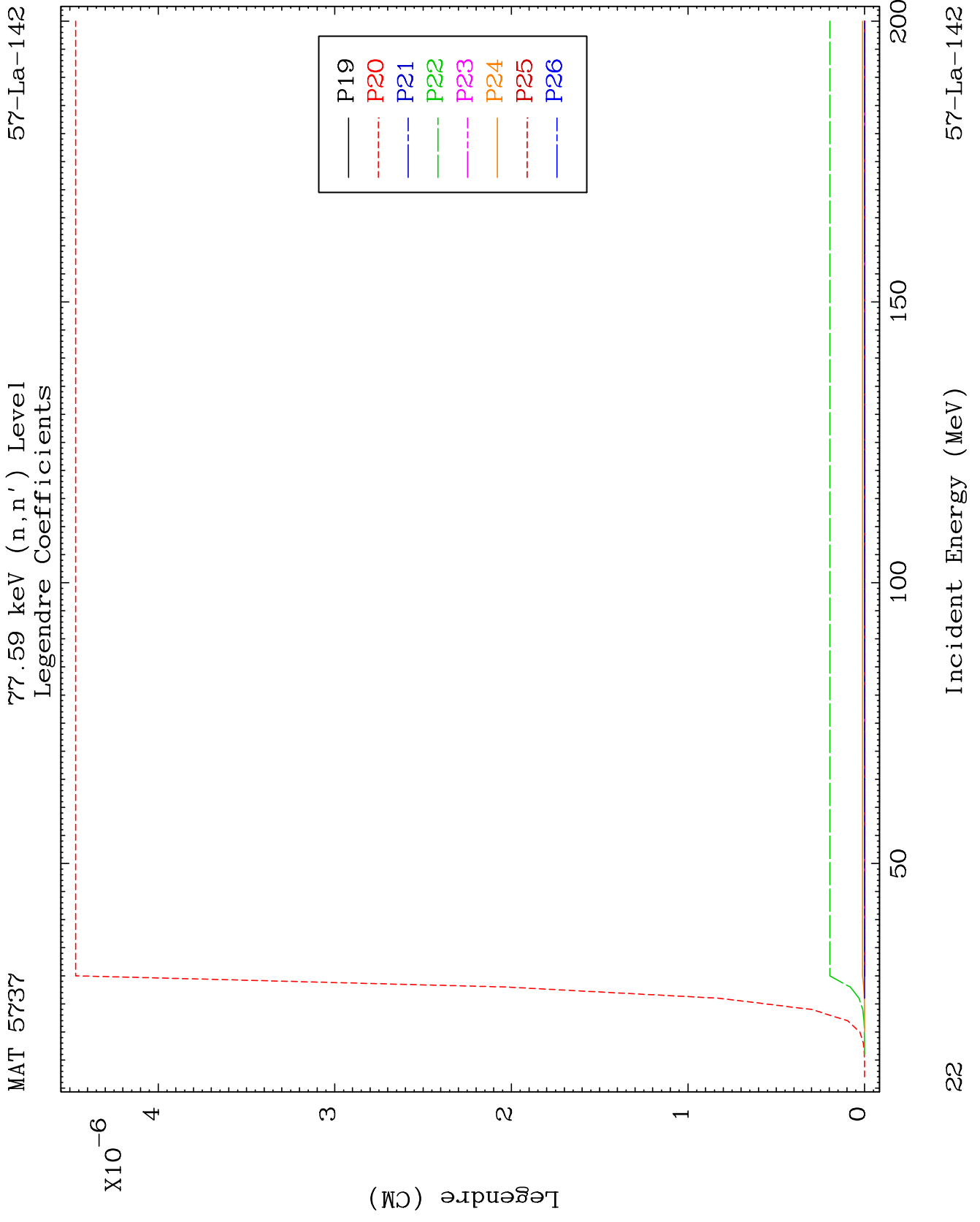


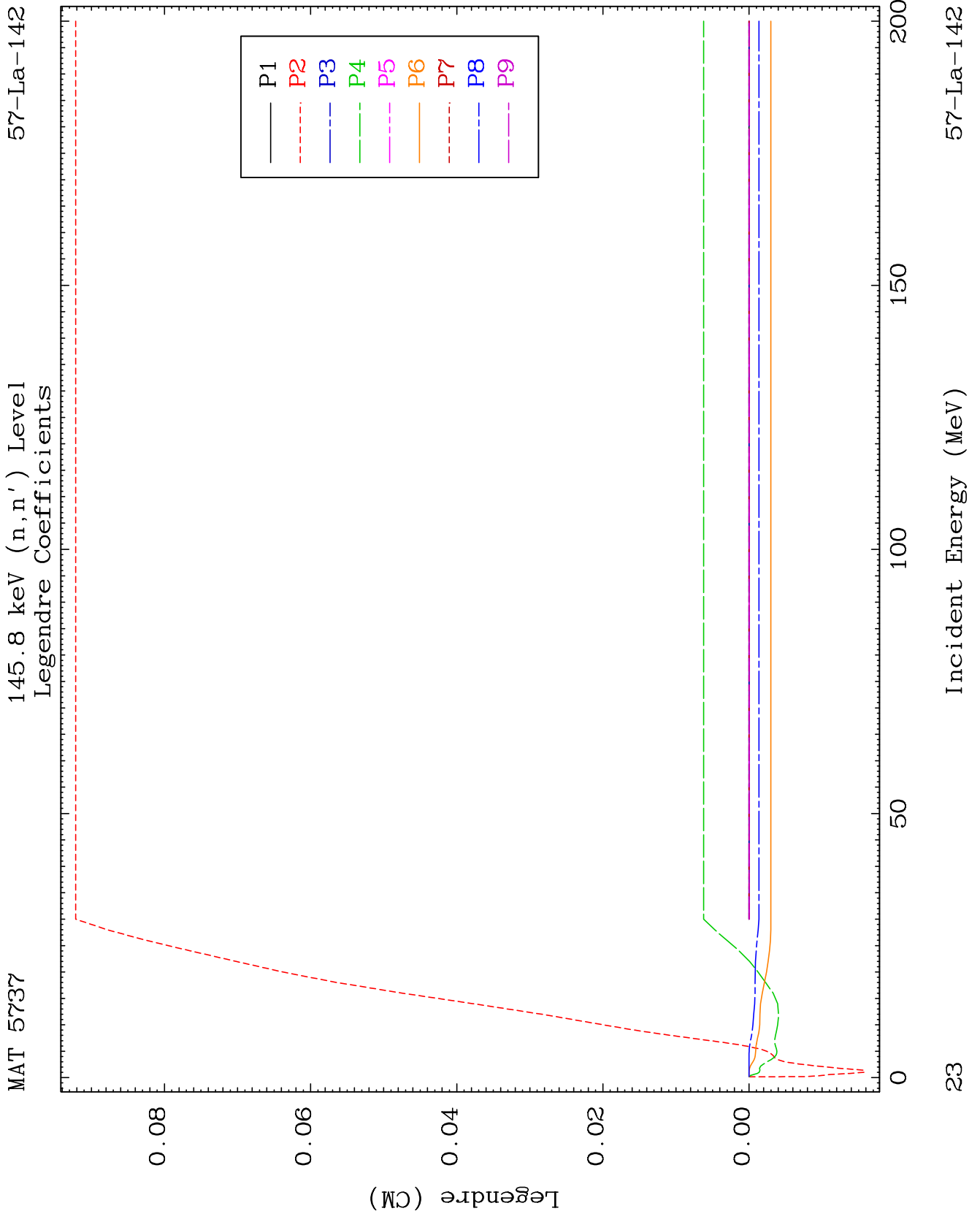
MAT 5737

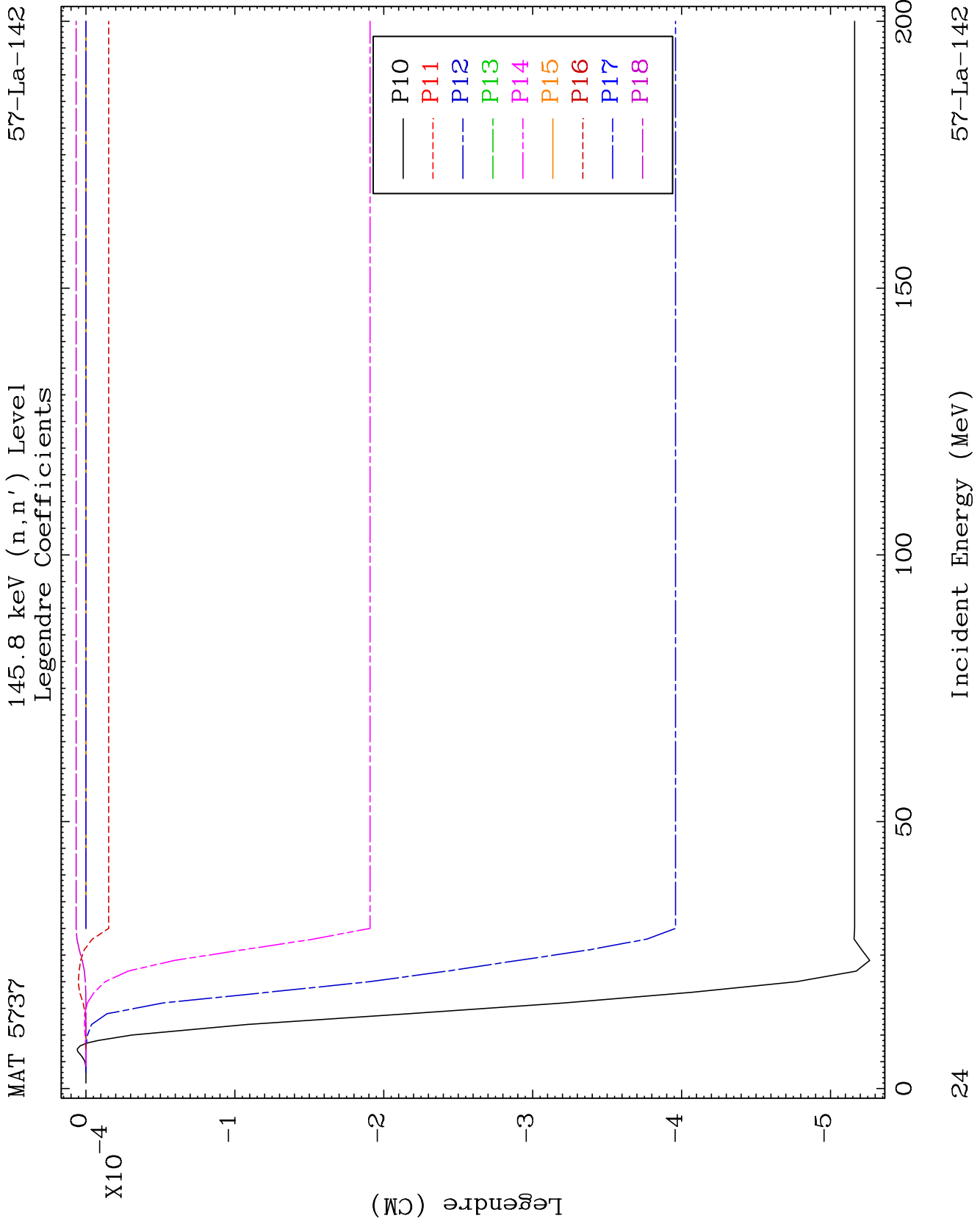
77.59 keV (n,n') Level
Legendre Coefficients

57-La-142





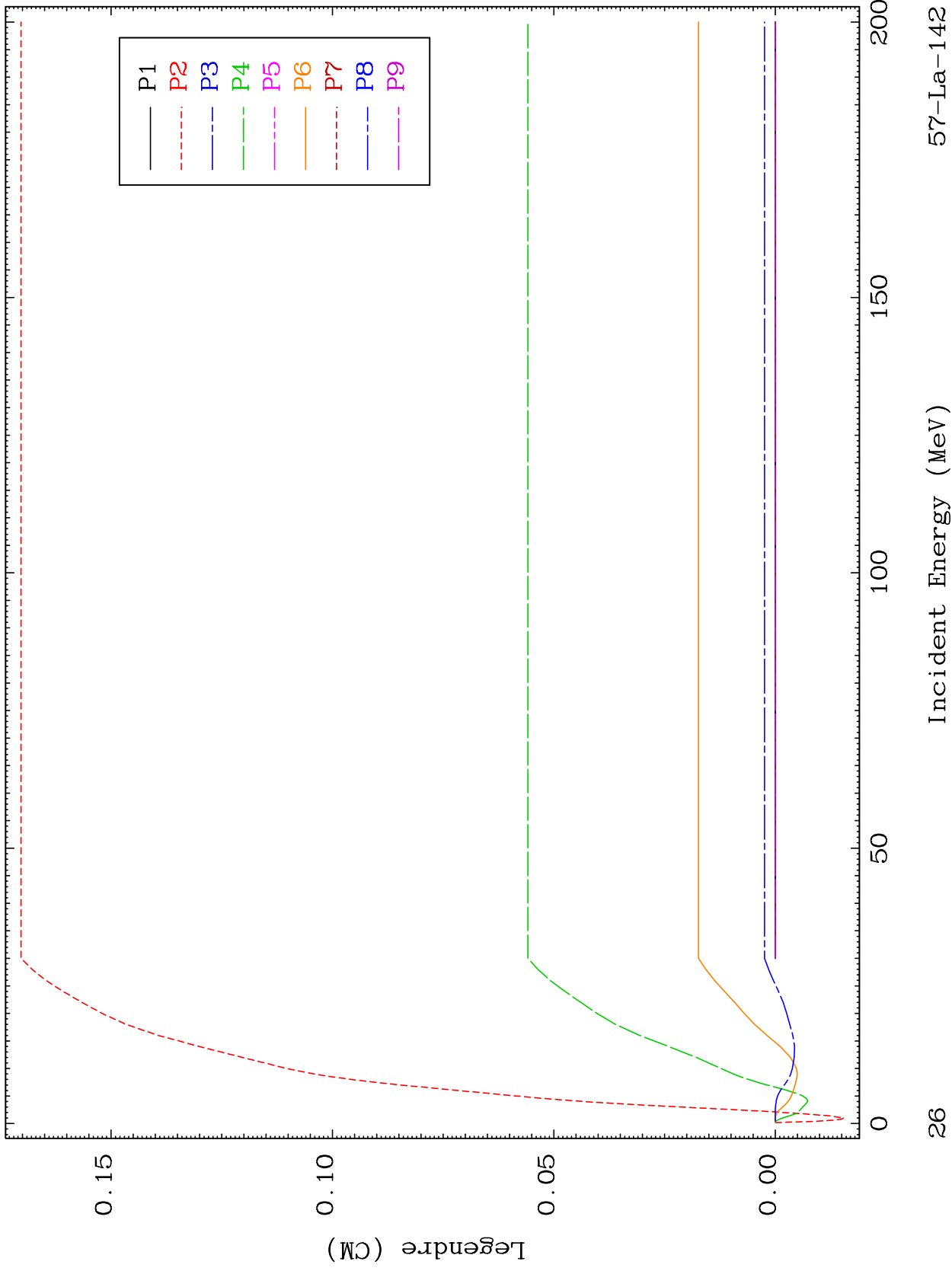




MAT 5737

147.2 keV (n,n') Level
Legendre Coefficients

57-La-142



26

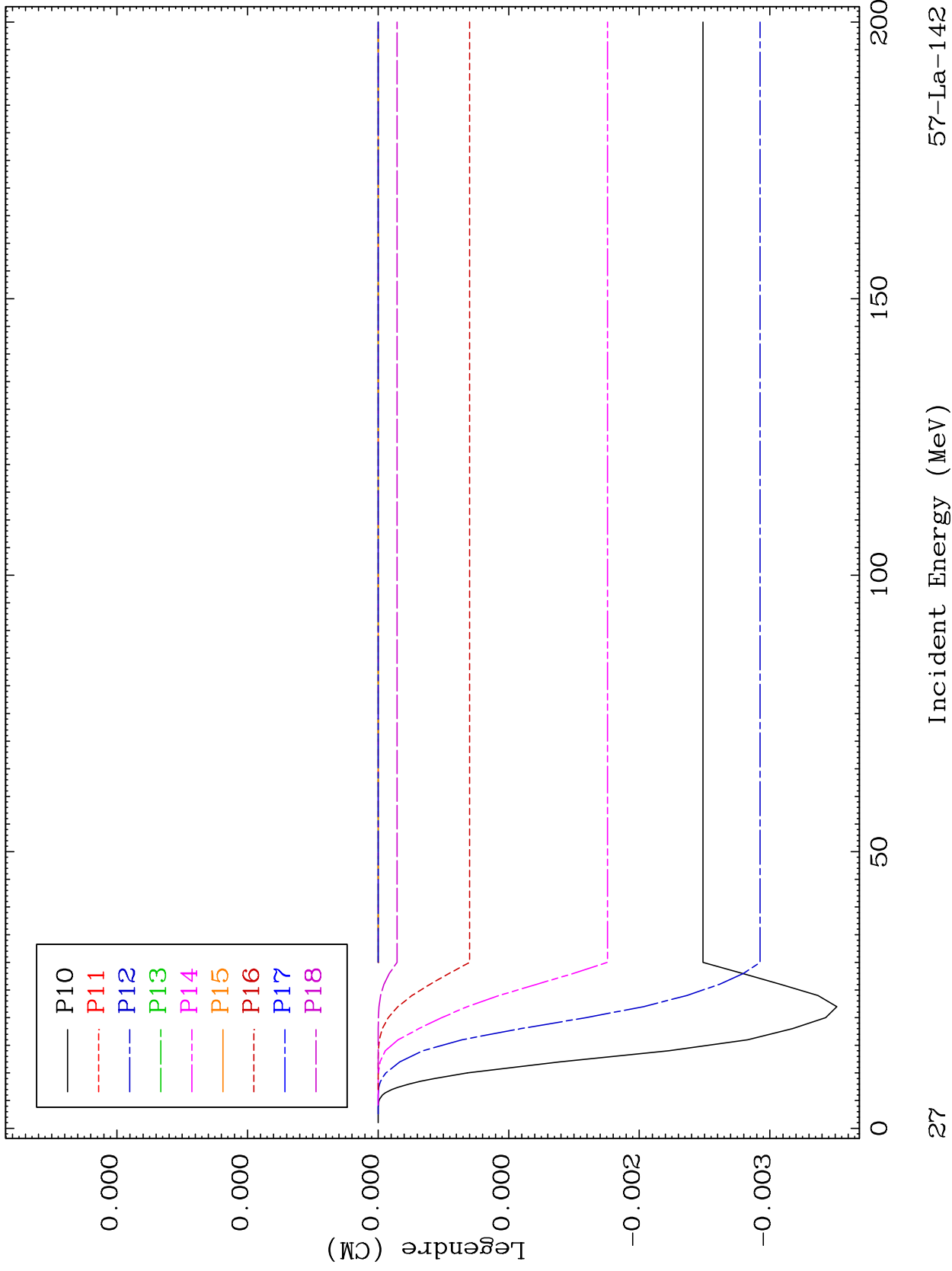
Incident Energy (MeV)

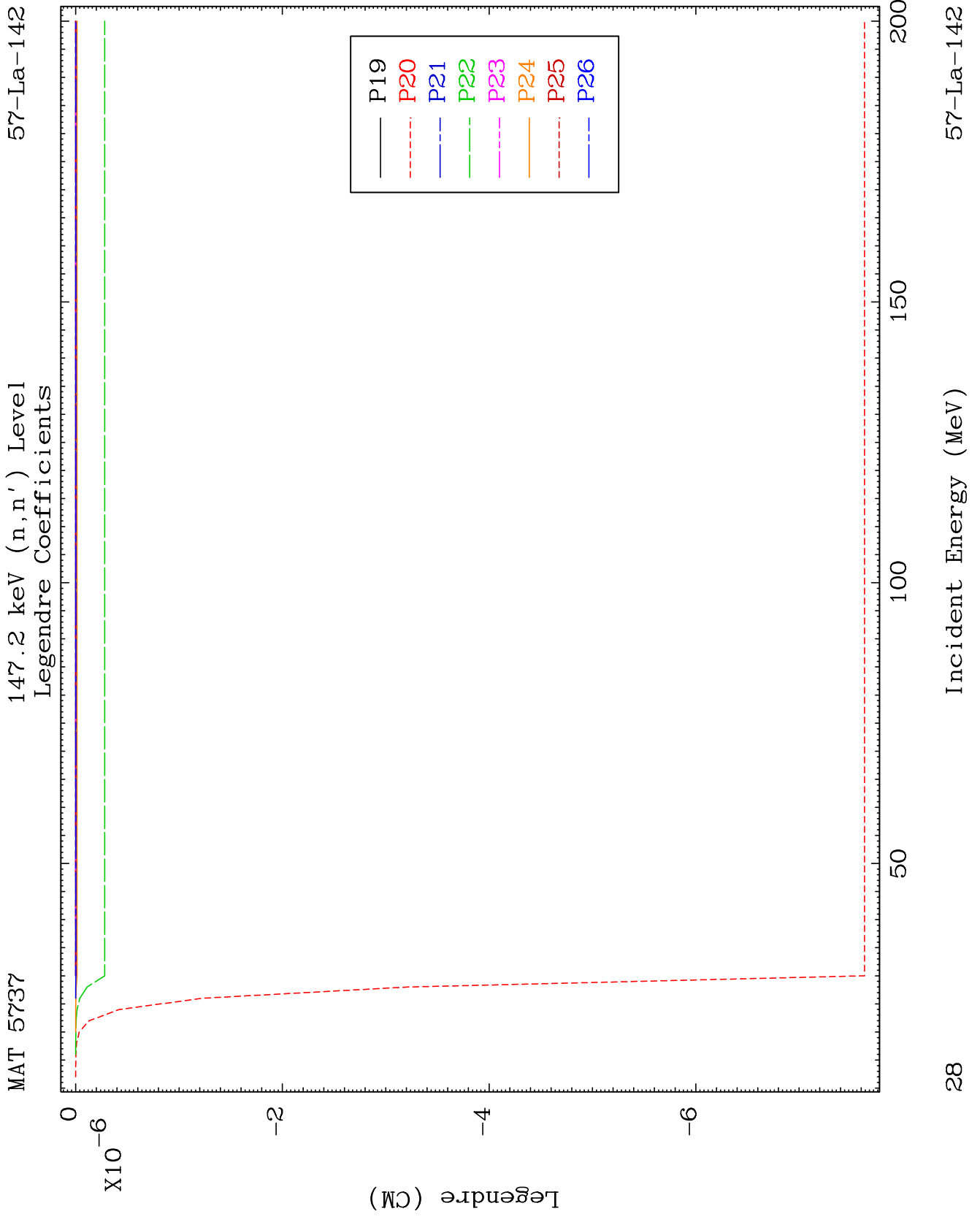
57-La-142

MAT 5737

147.2 keV (n,n') Level
Legendre Coefficients

57-La-142

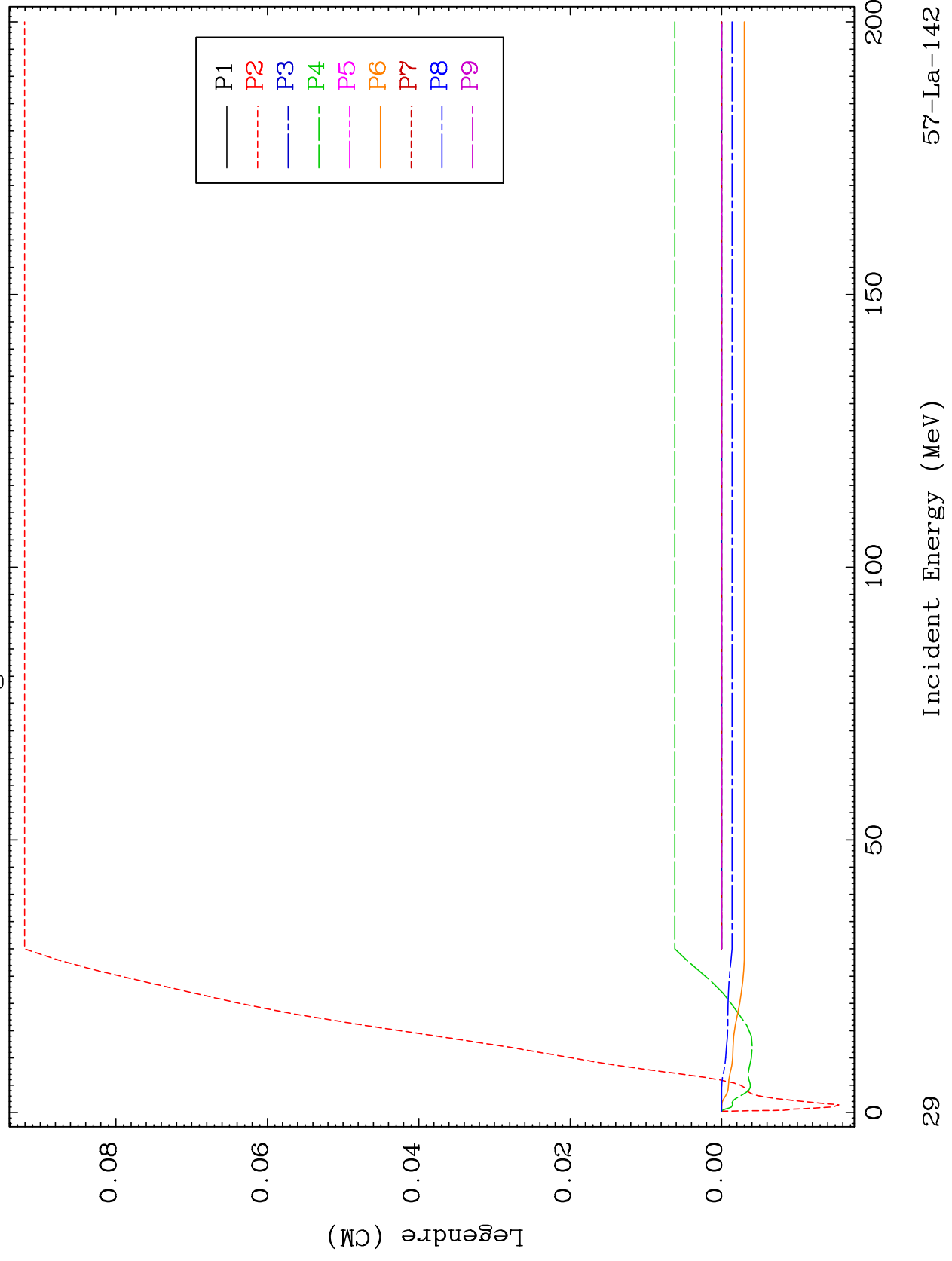




MAT 5737

231.3 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

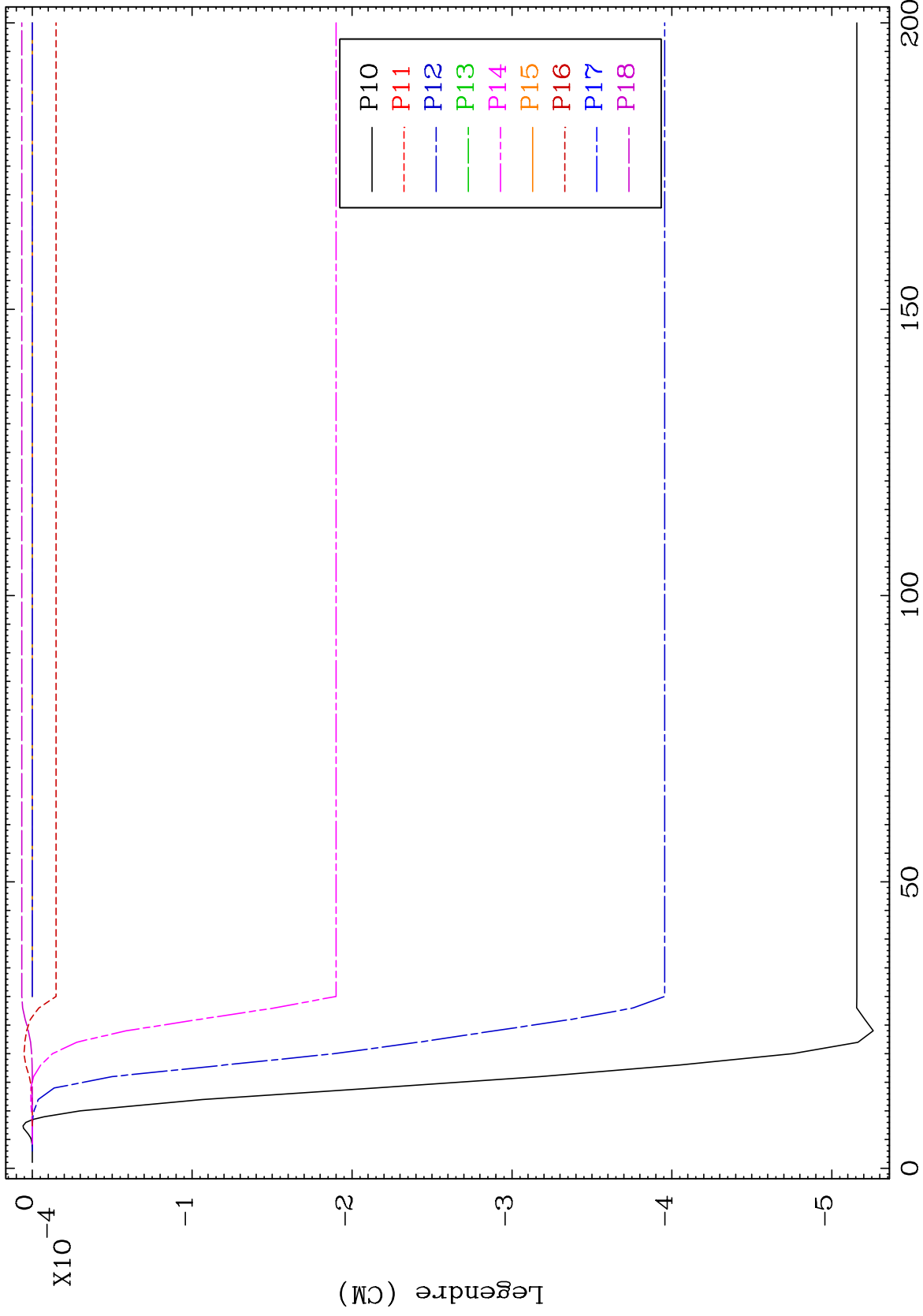
Incident Energy (MeV)

29

MAT 5737

231.3 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

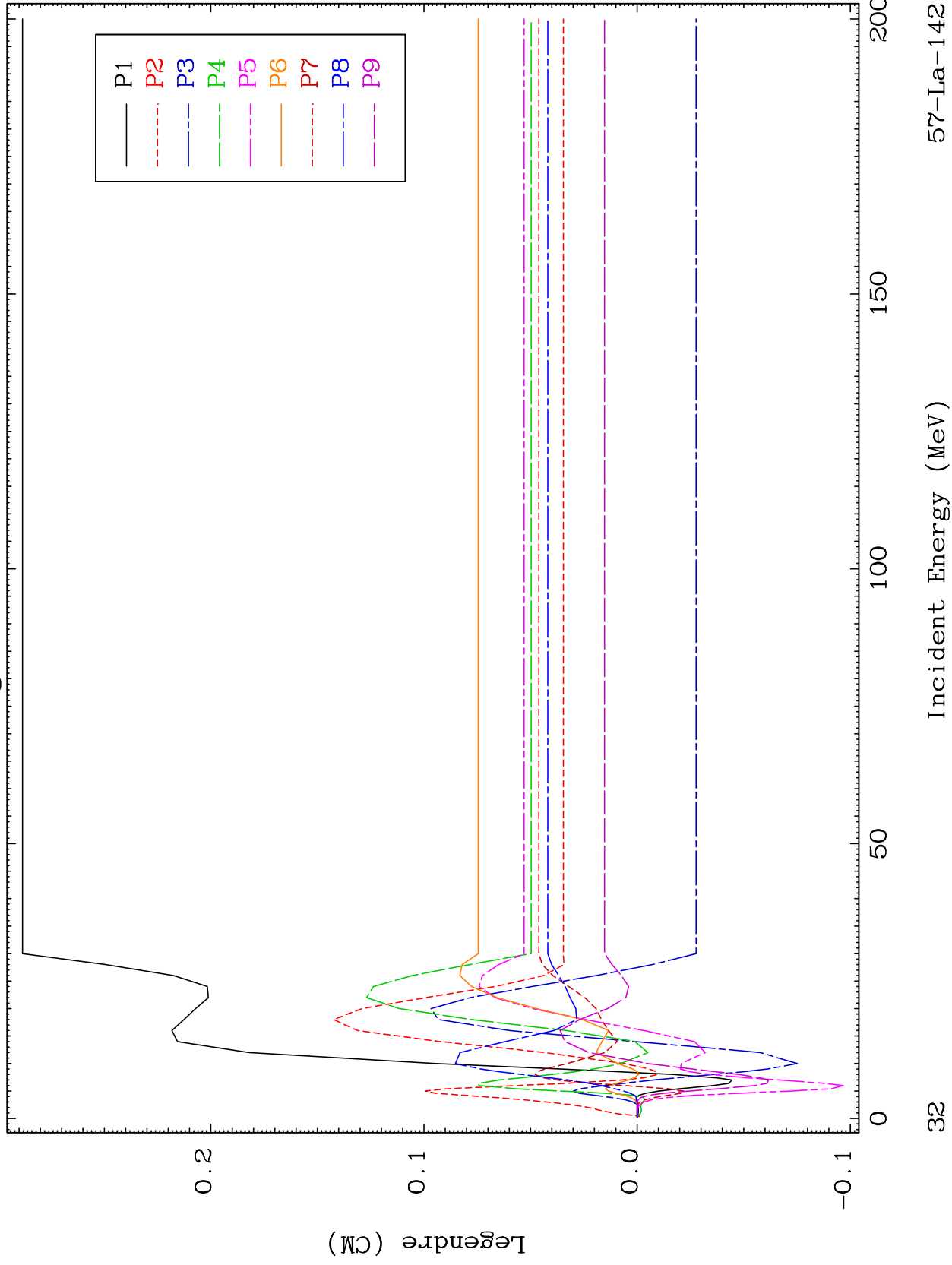
Incident Energy (MeV)

30

MAT 5737

255.3 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

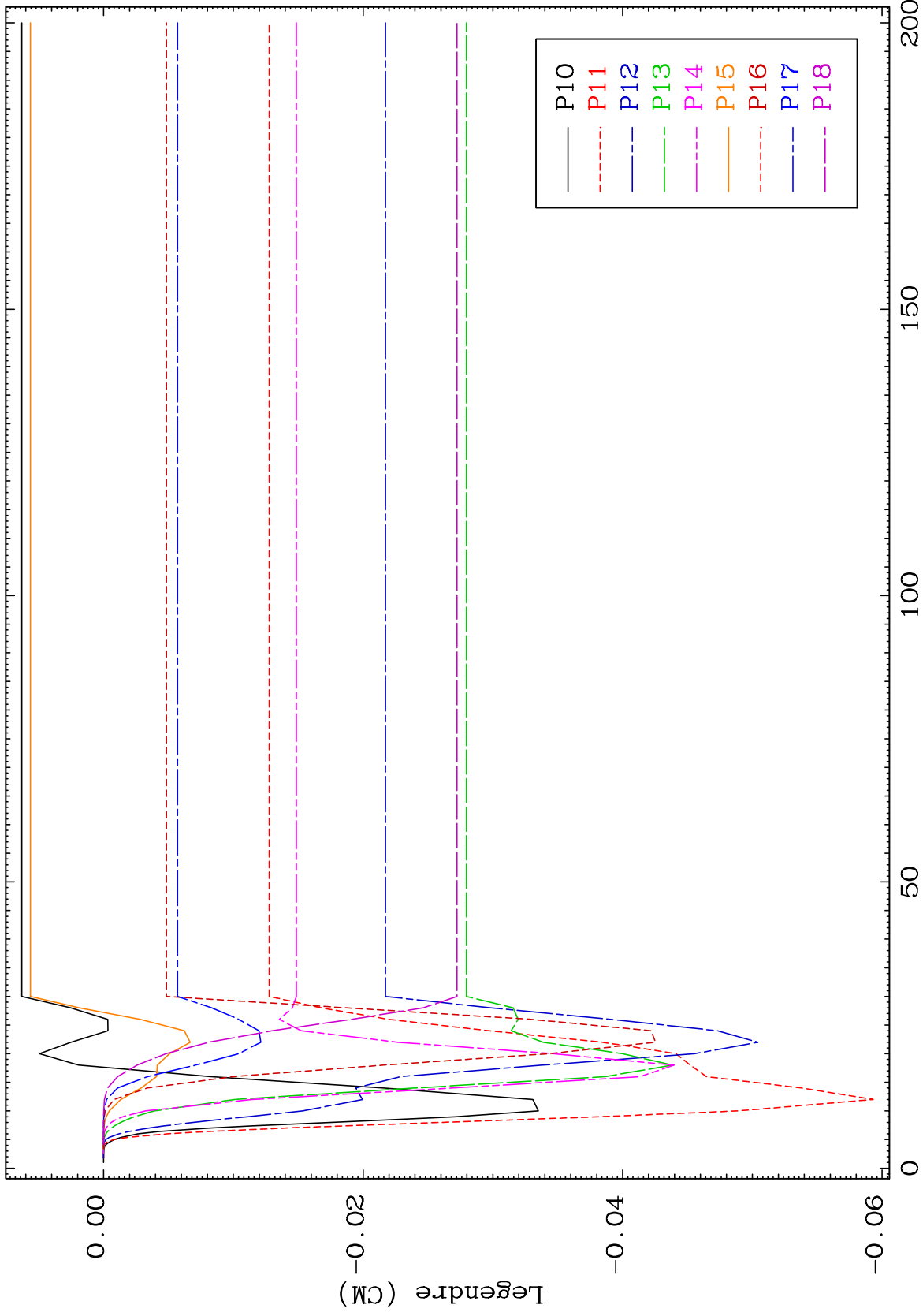
Incident Energy (MeV)

32

MAT 5737

255.3 keV (n,n') Level
Legendre Coefficients

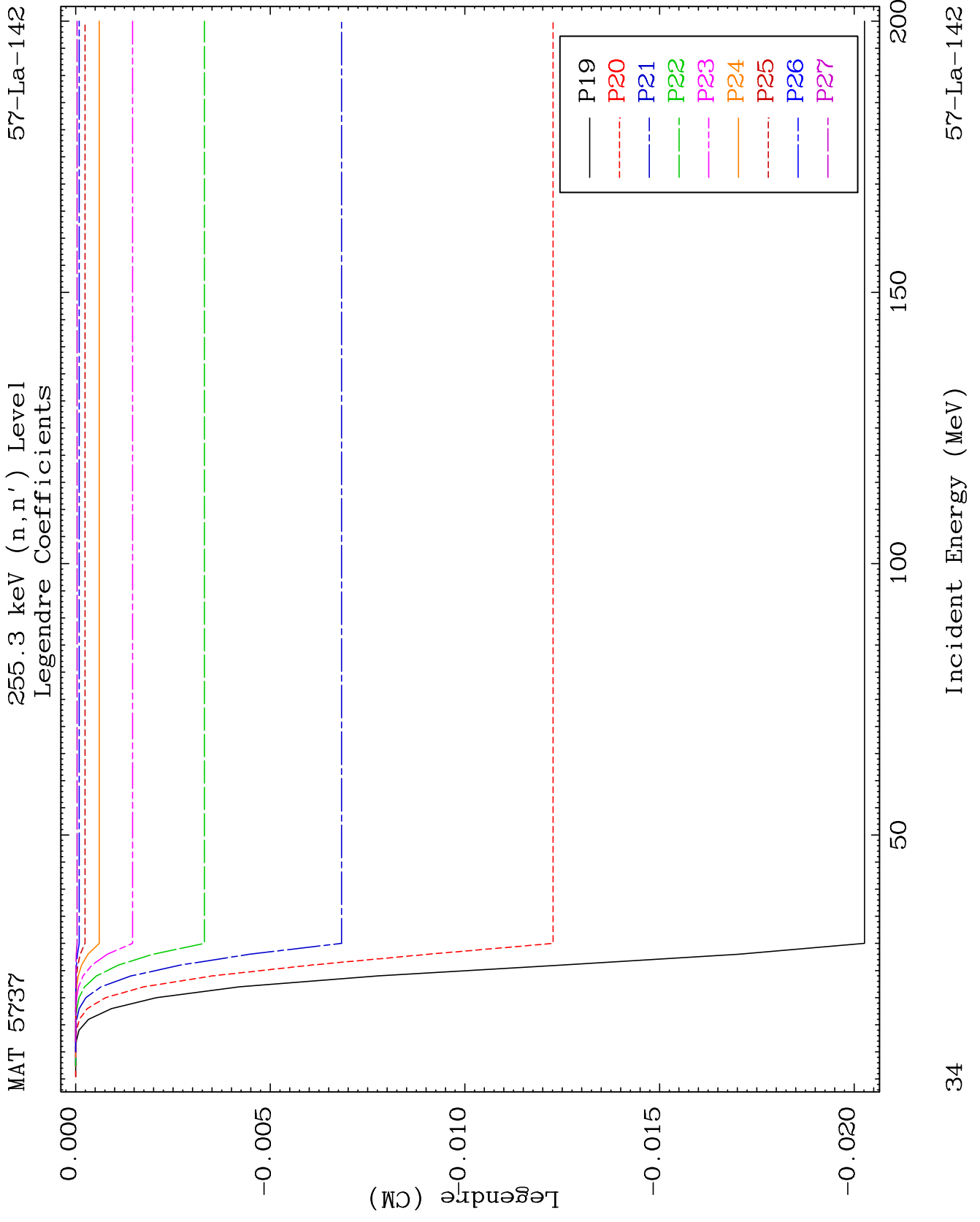
57-La-142

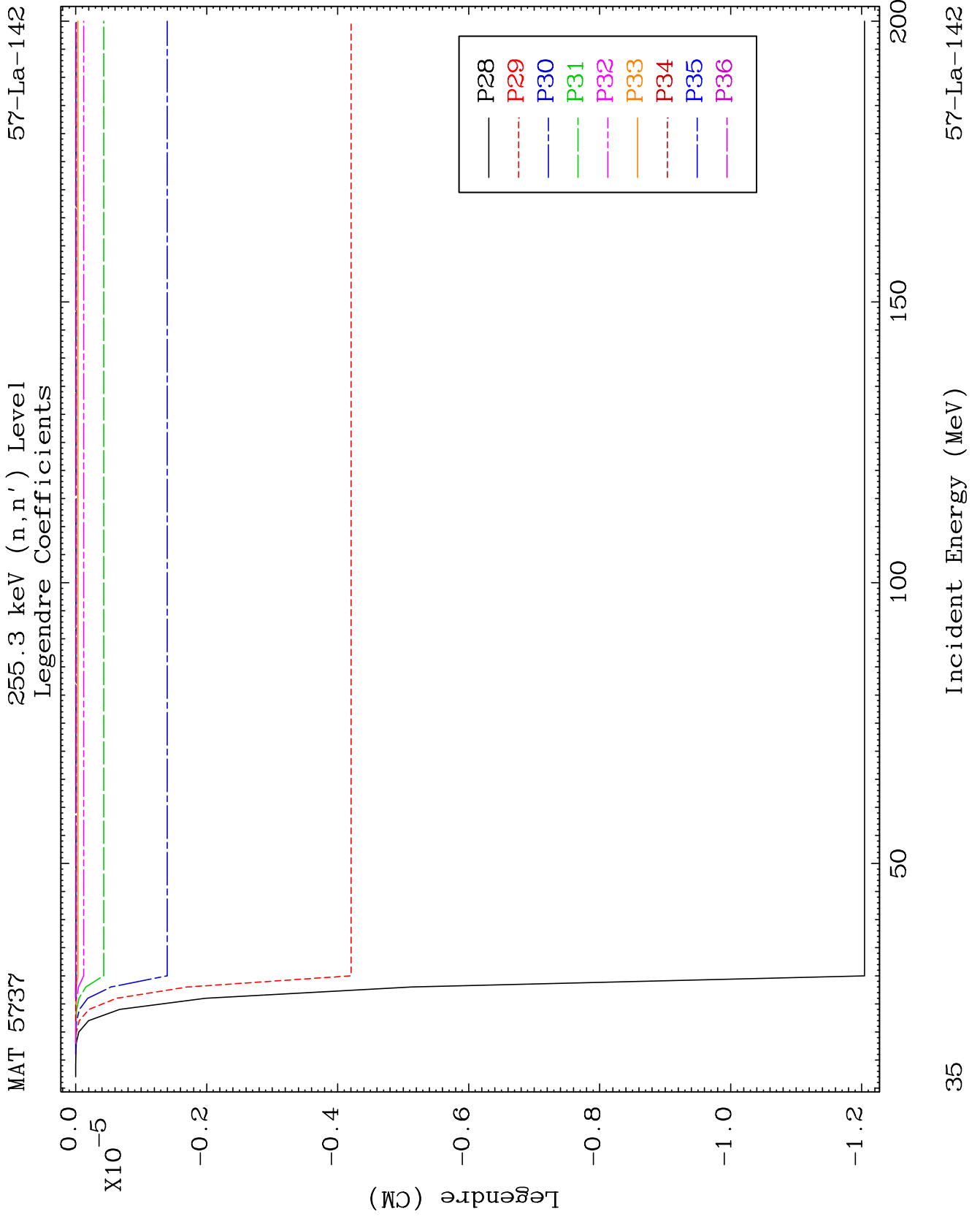


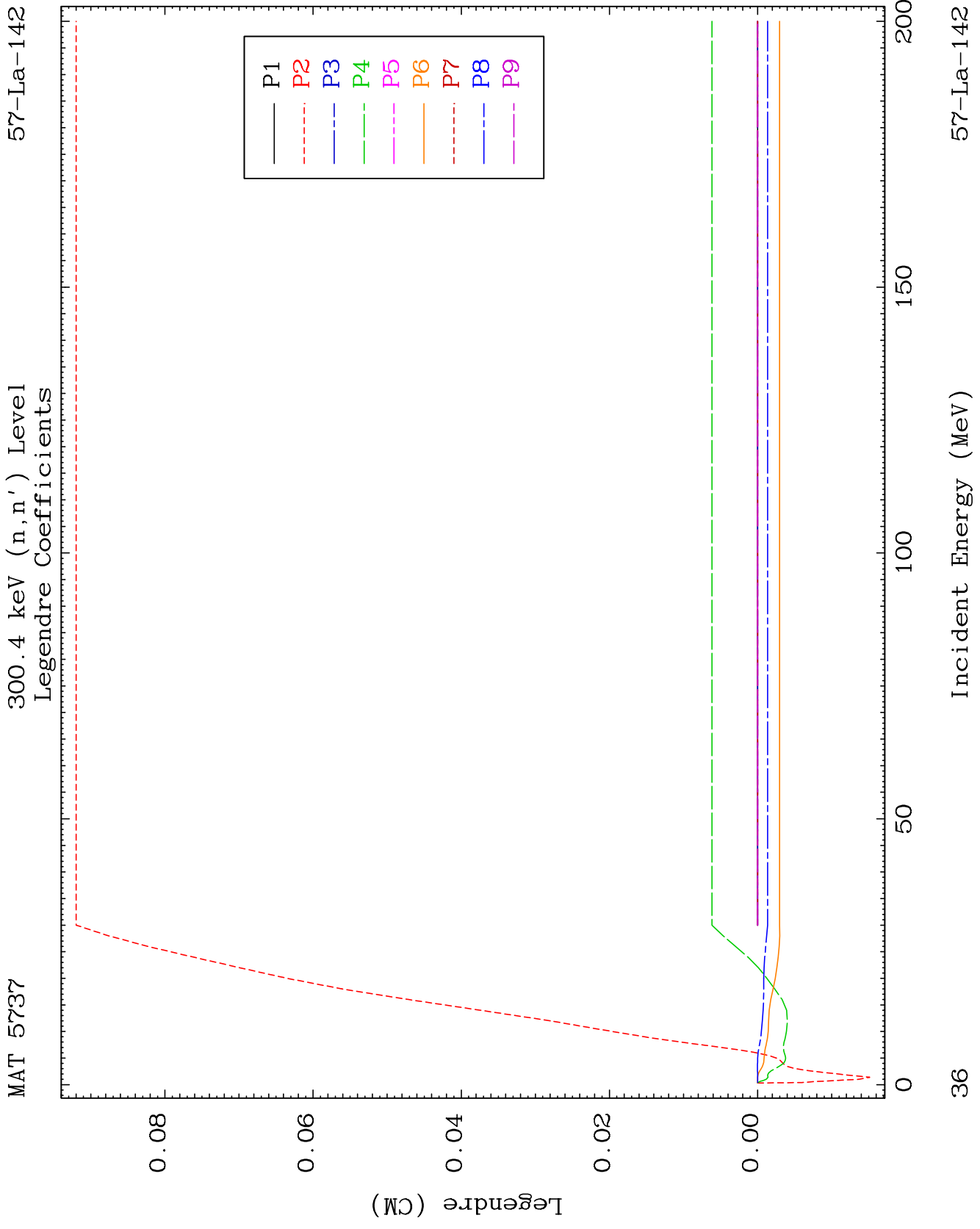
33

Incident Energy (MeV)

57-La-142



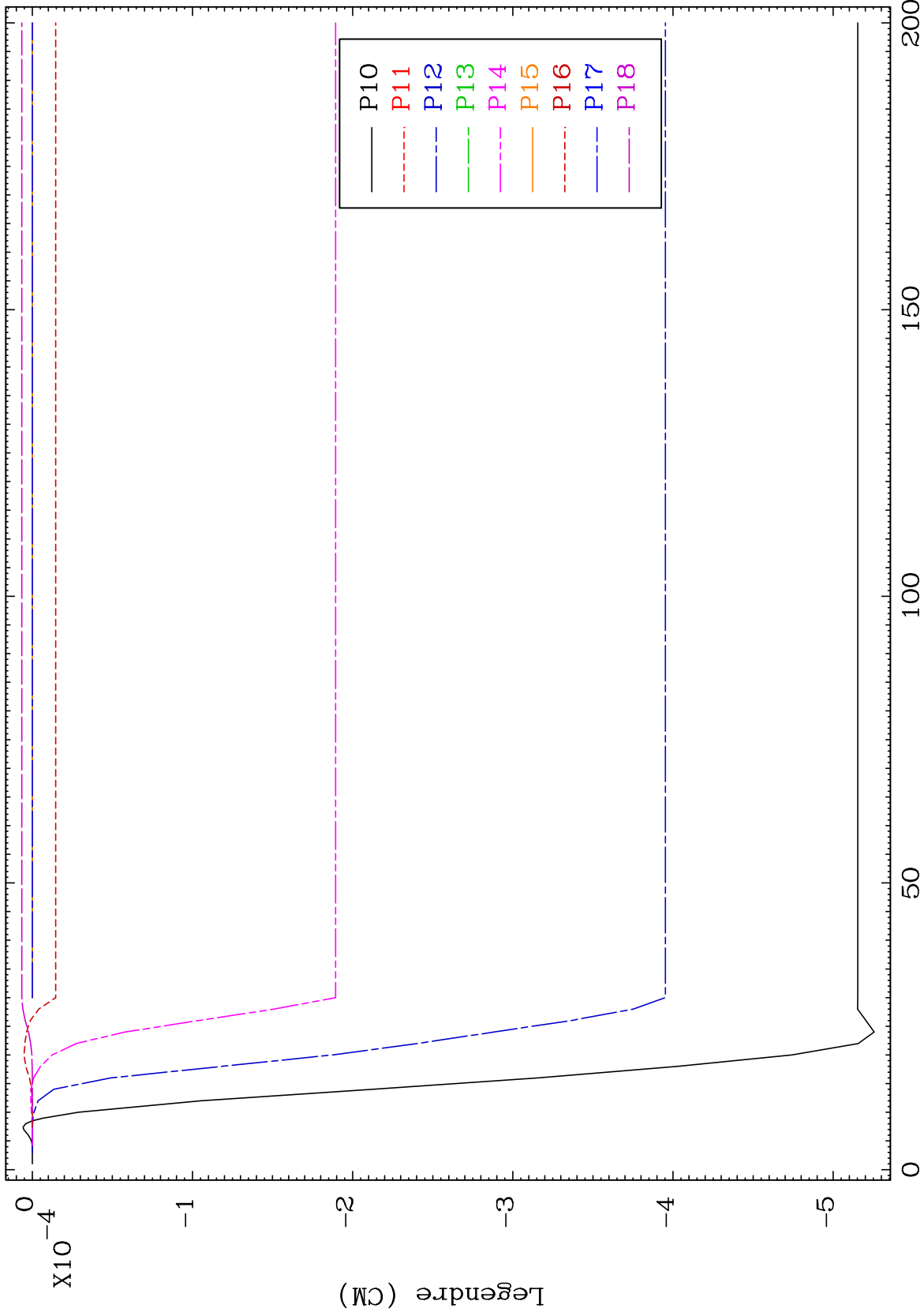




MAT 5737

300.4 keV (n,n') Level
Legendre Coefficients

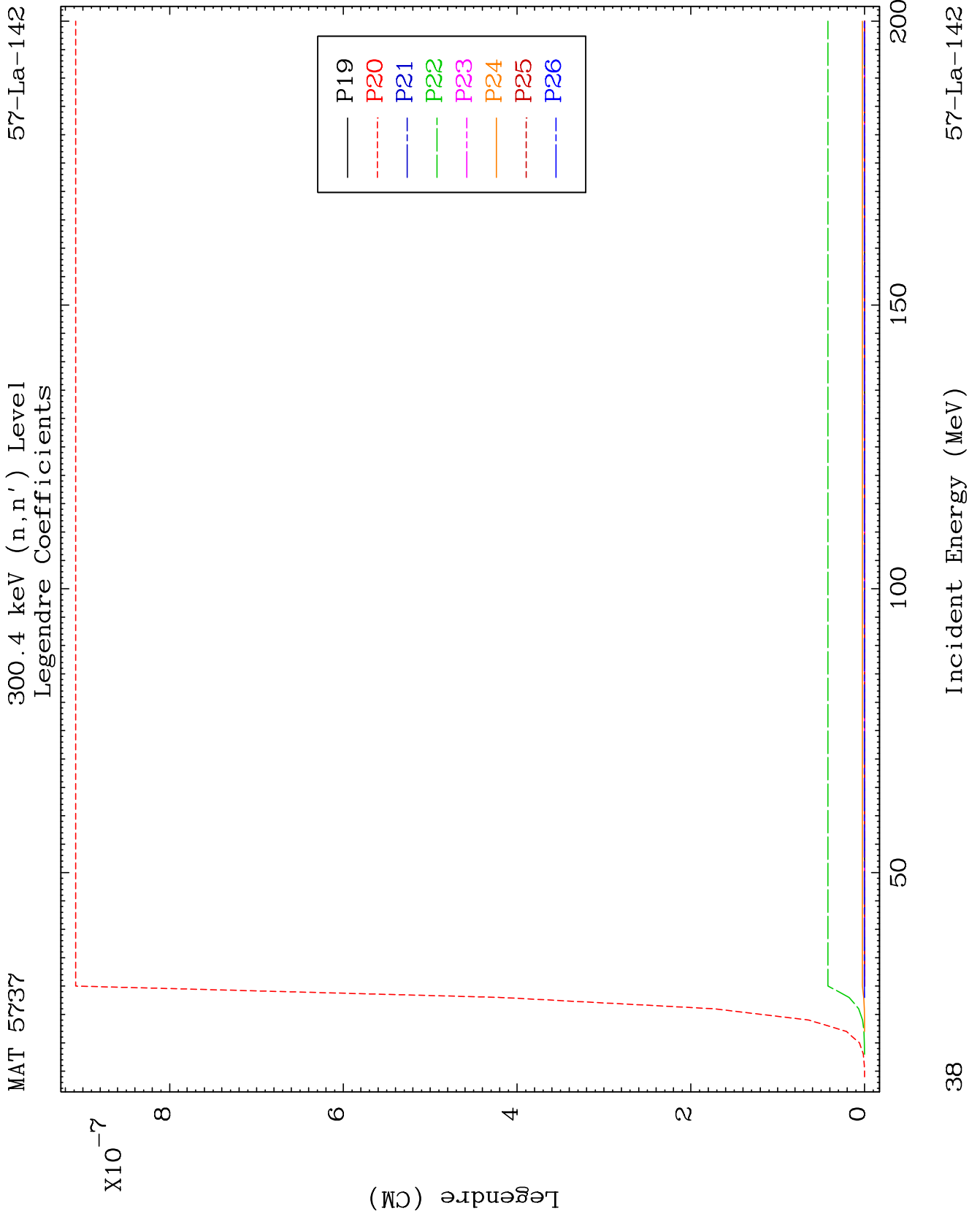
57-La-142



37

Incident Energy (MeV)

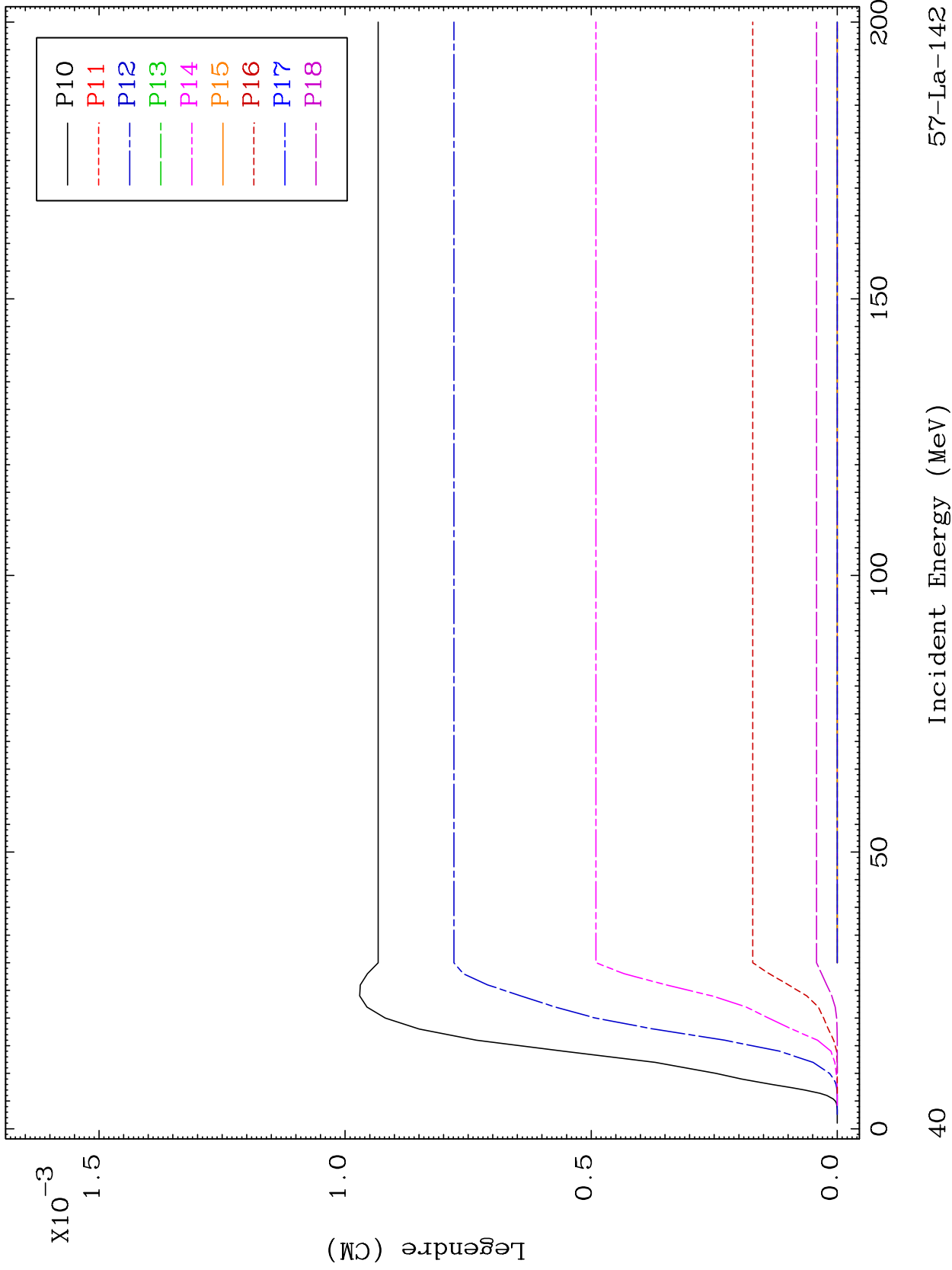
57-La-142

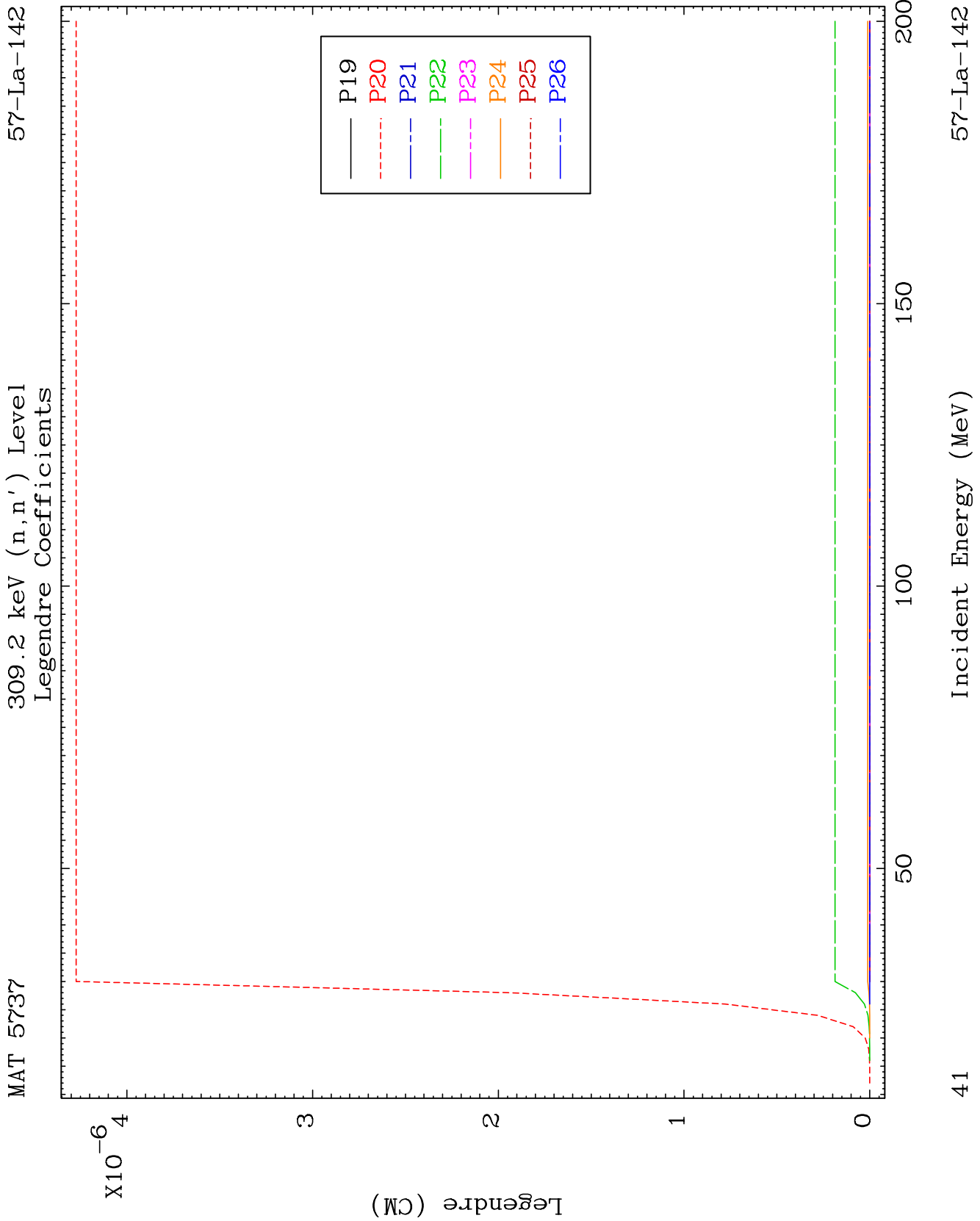


MAT 5737

309.2 keV (n,n') Level
Legendre Coefficients

57-La-142

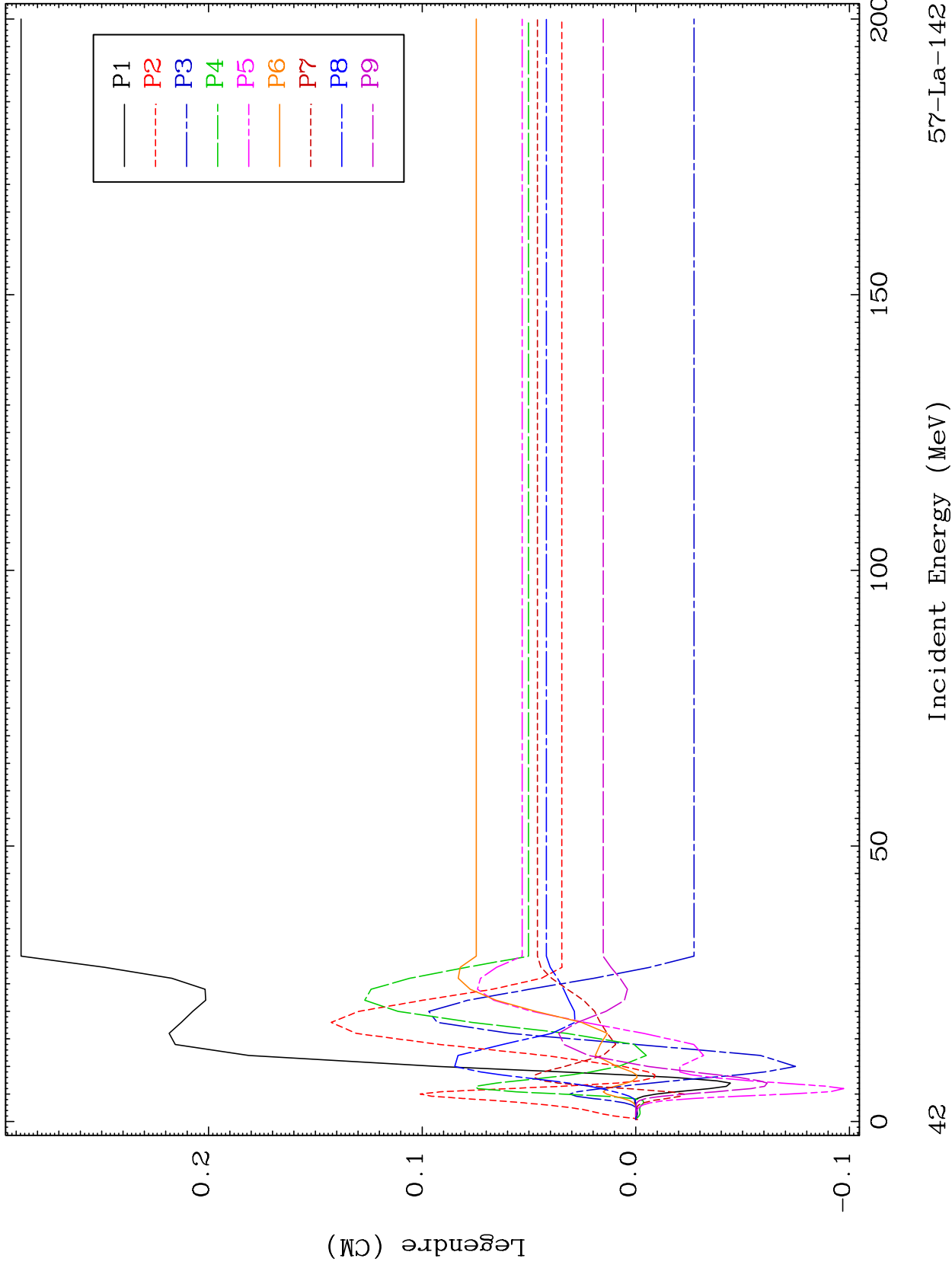




MAT 5737

335.0 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

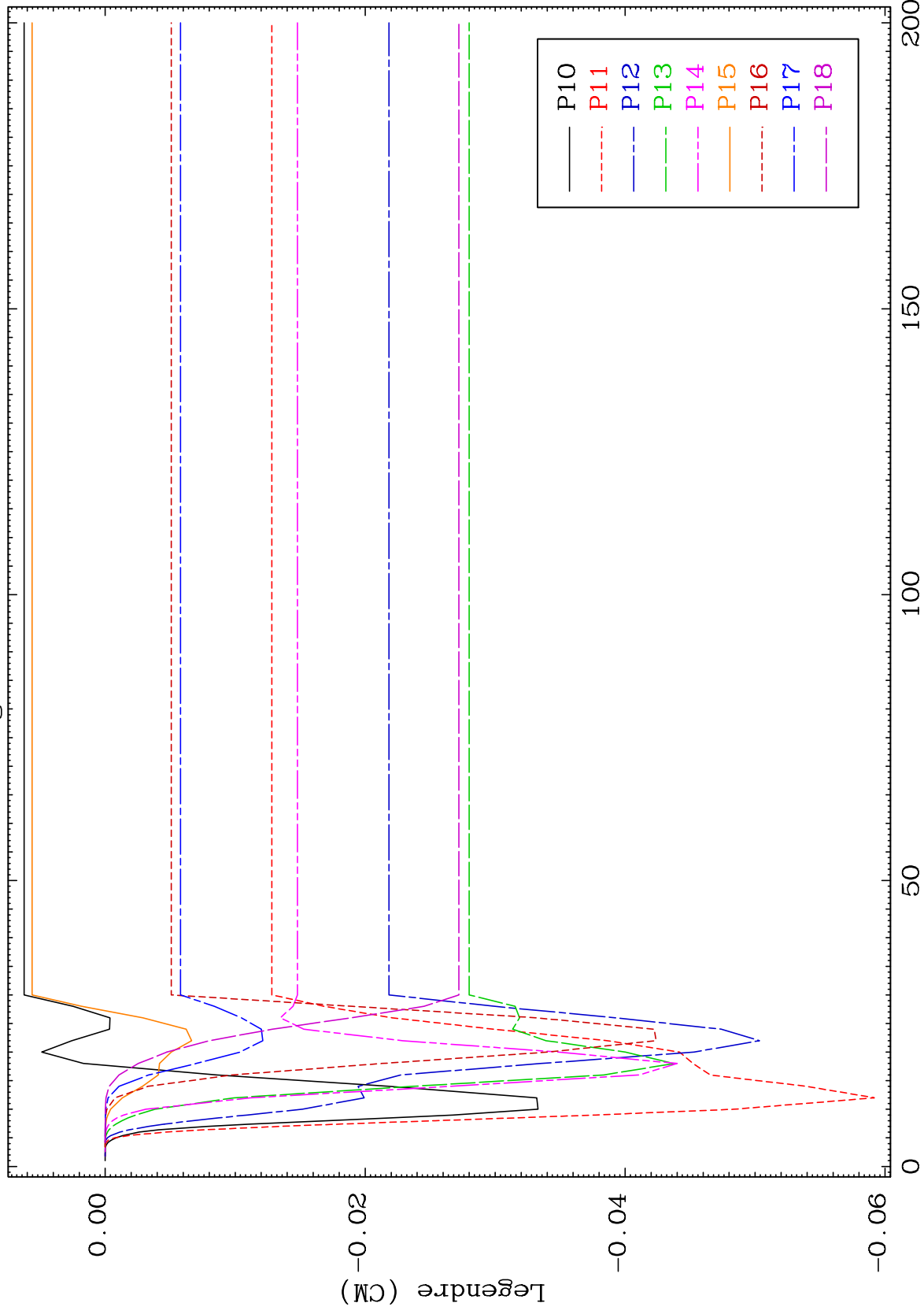
Incident Energy (MeV)

42

MAT 5737

335.0 keV (n,n') Level
Legendre Coefficients

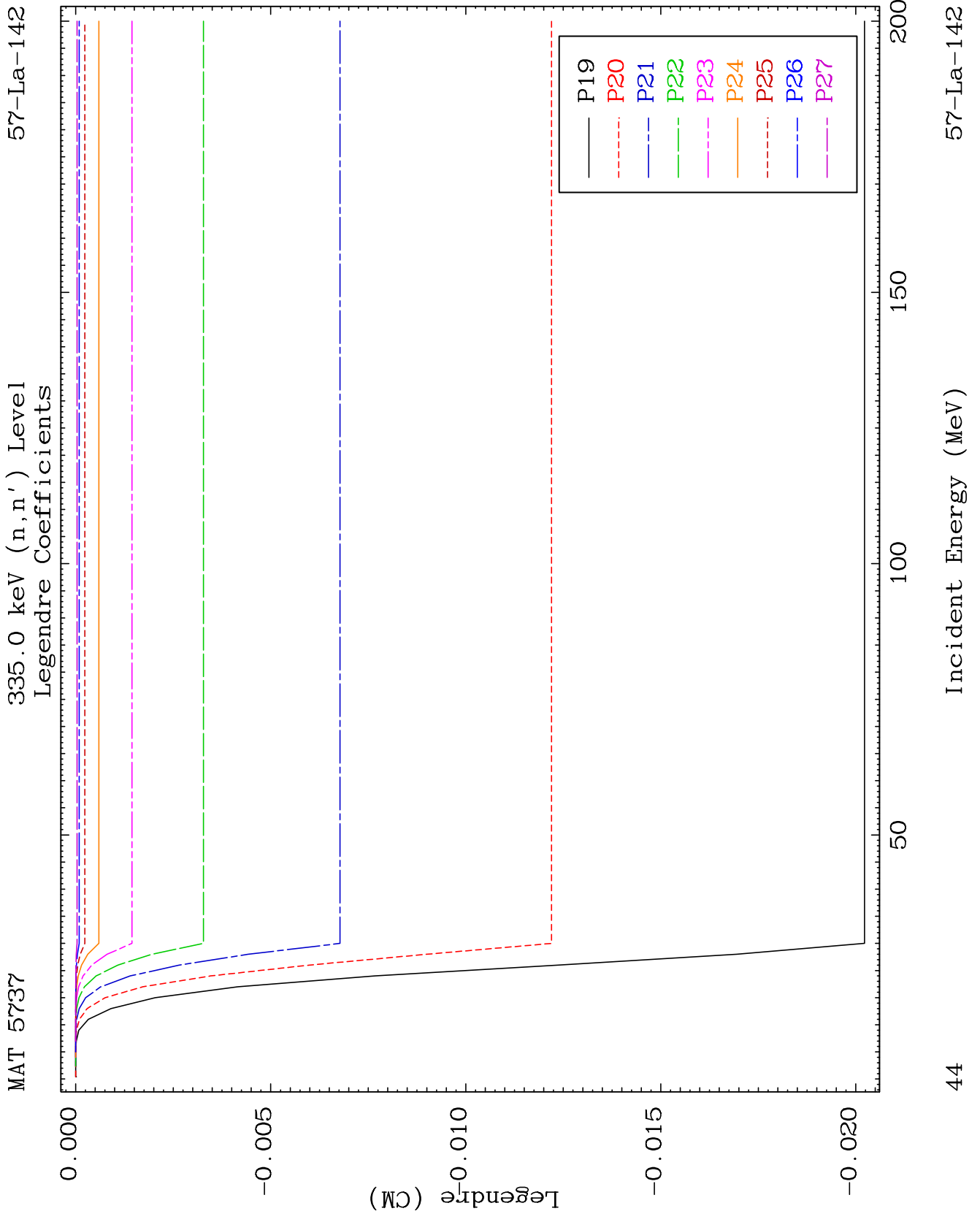
57-La-142

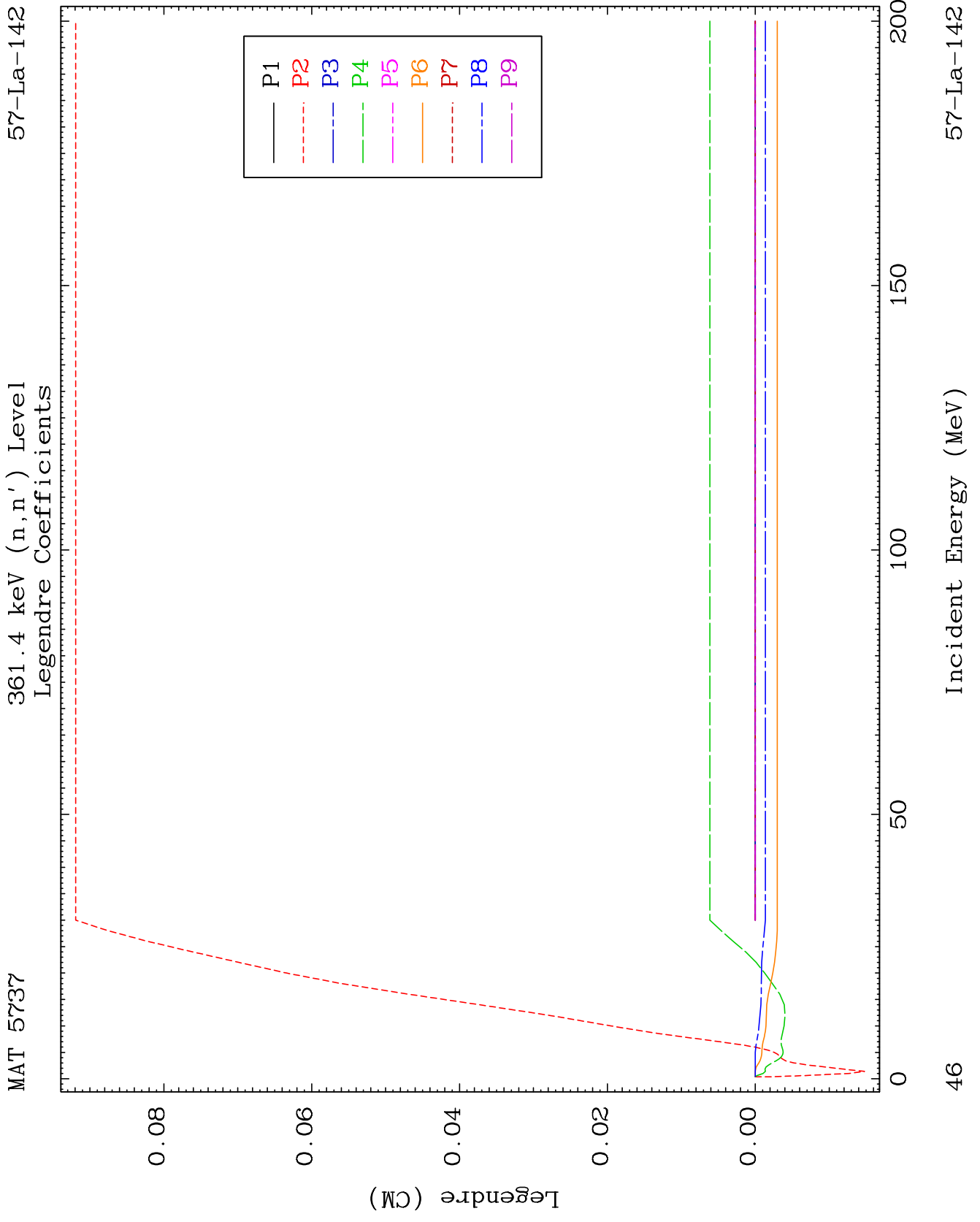


43

Incident Energy (MeV)

57-La-142

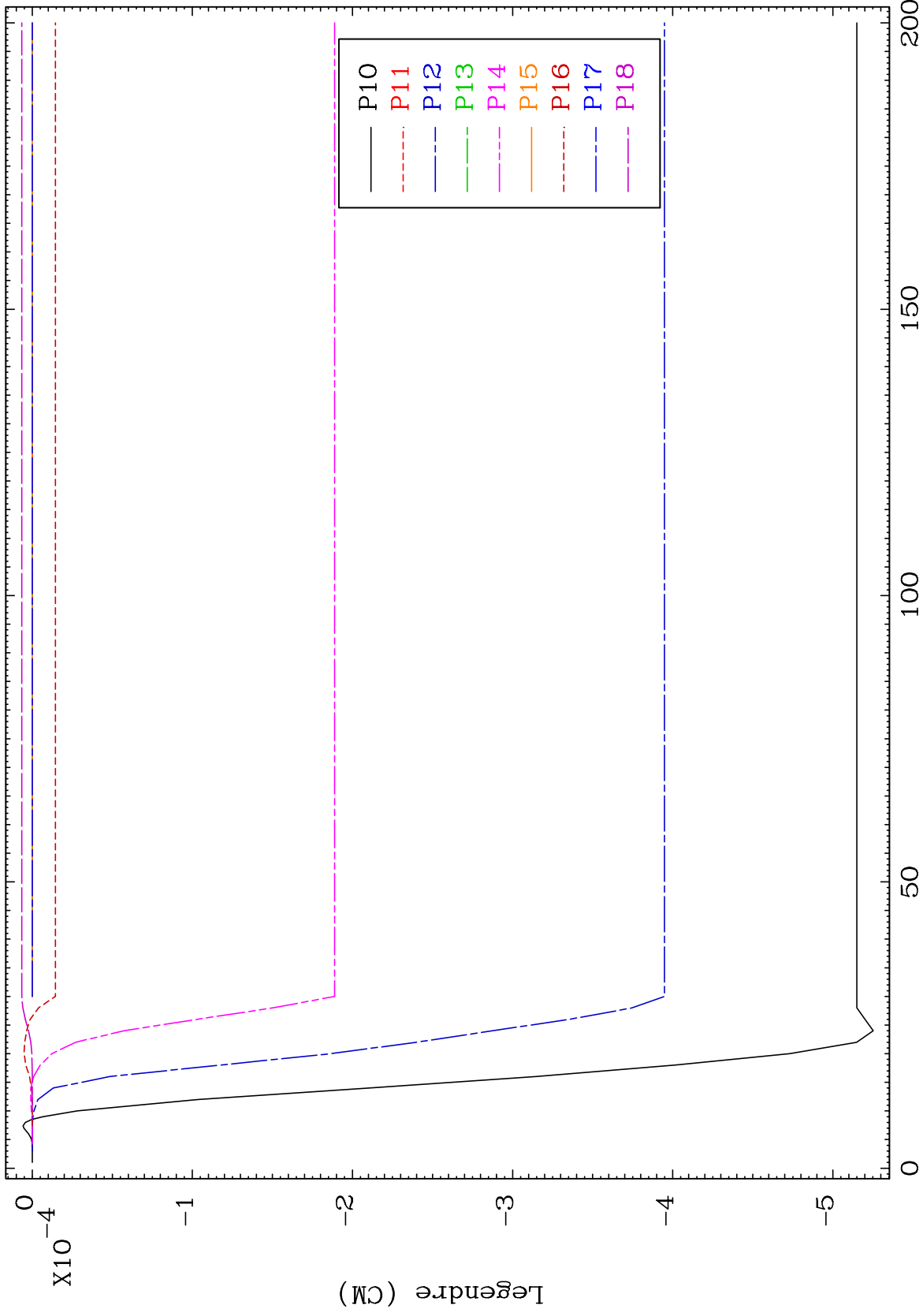




MAT 5737

361.4 keV (n,n') Level
Legendre Coefficients

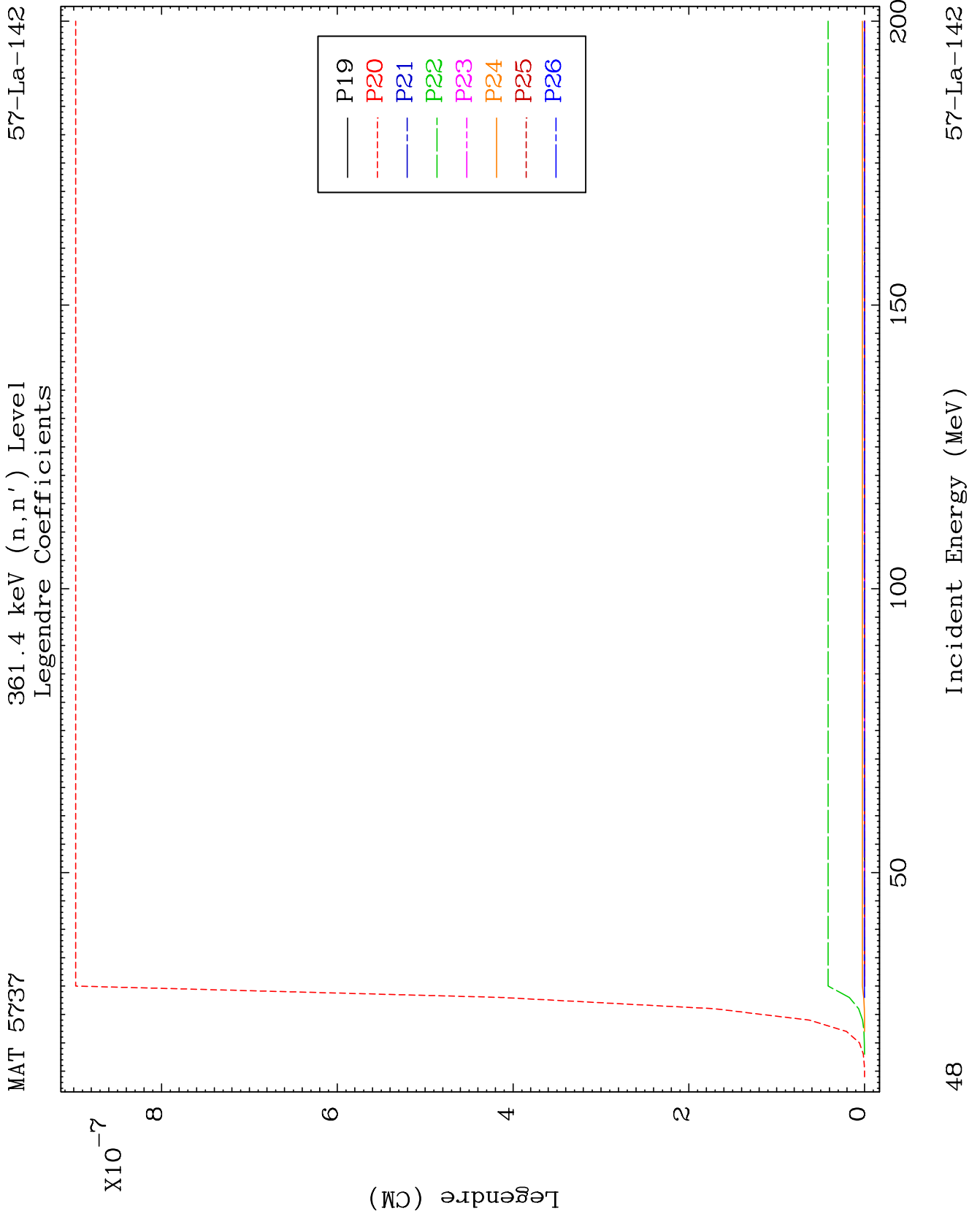
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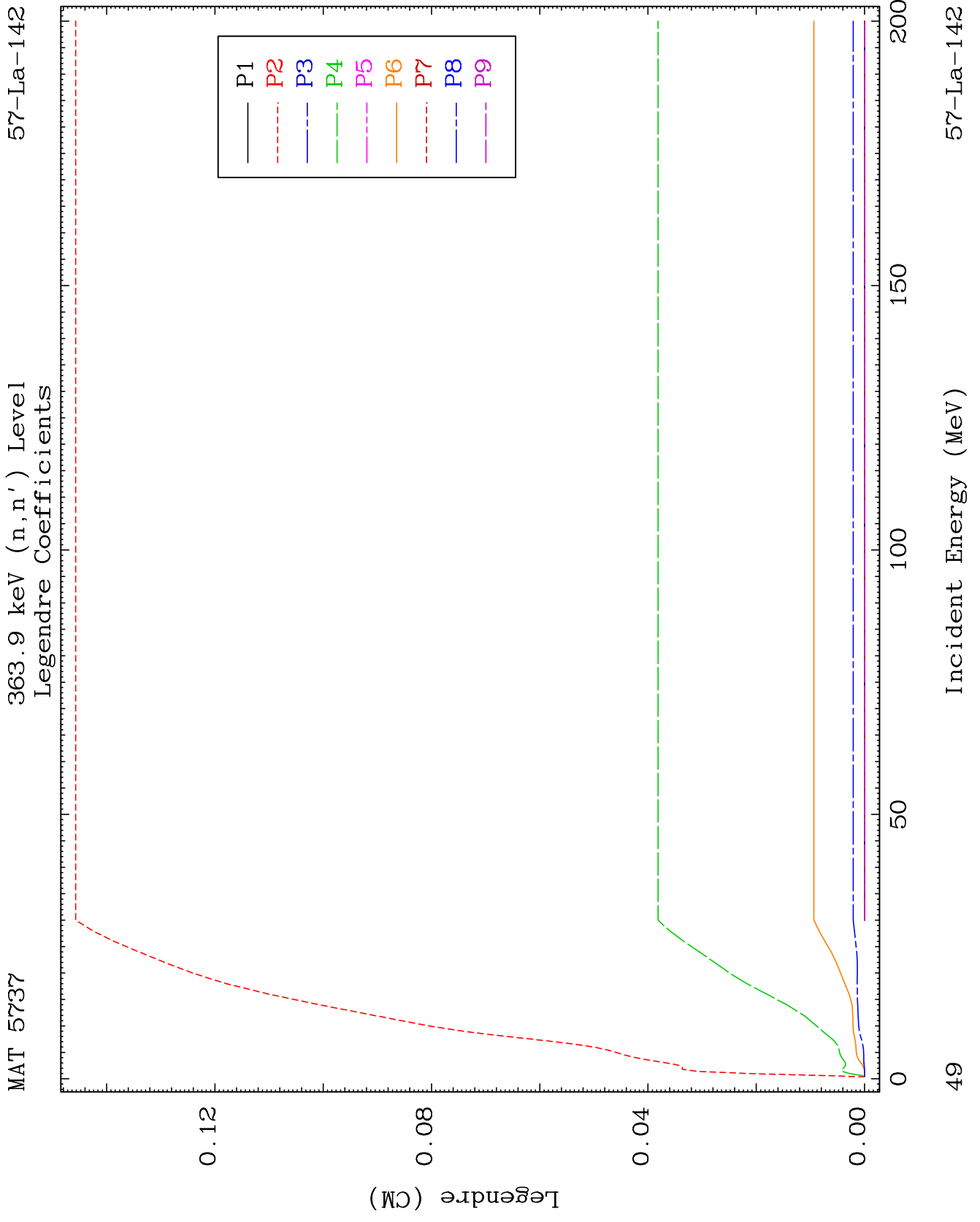


47

Incident Energy (MeV)

57-La-142

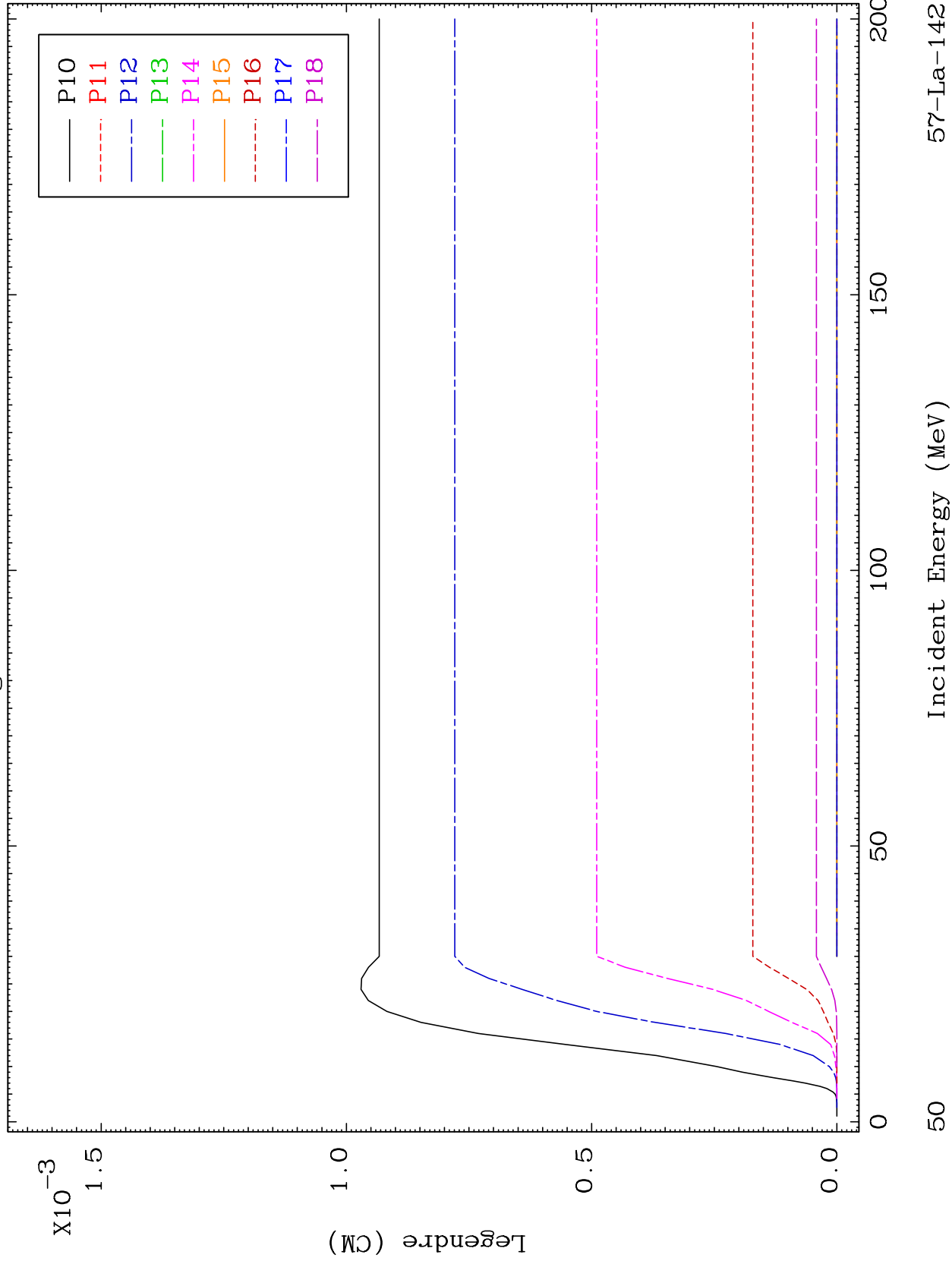


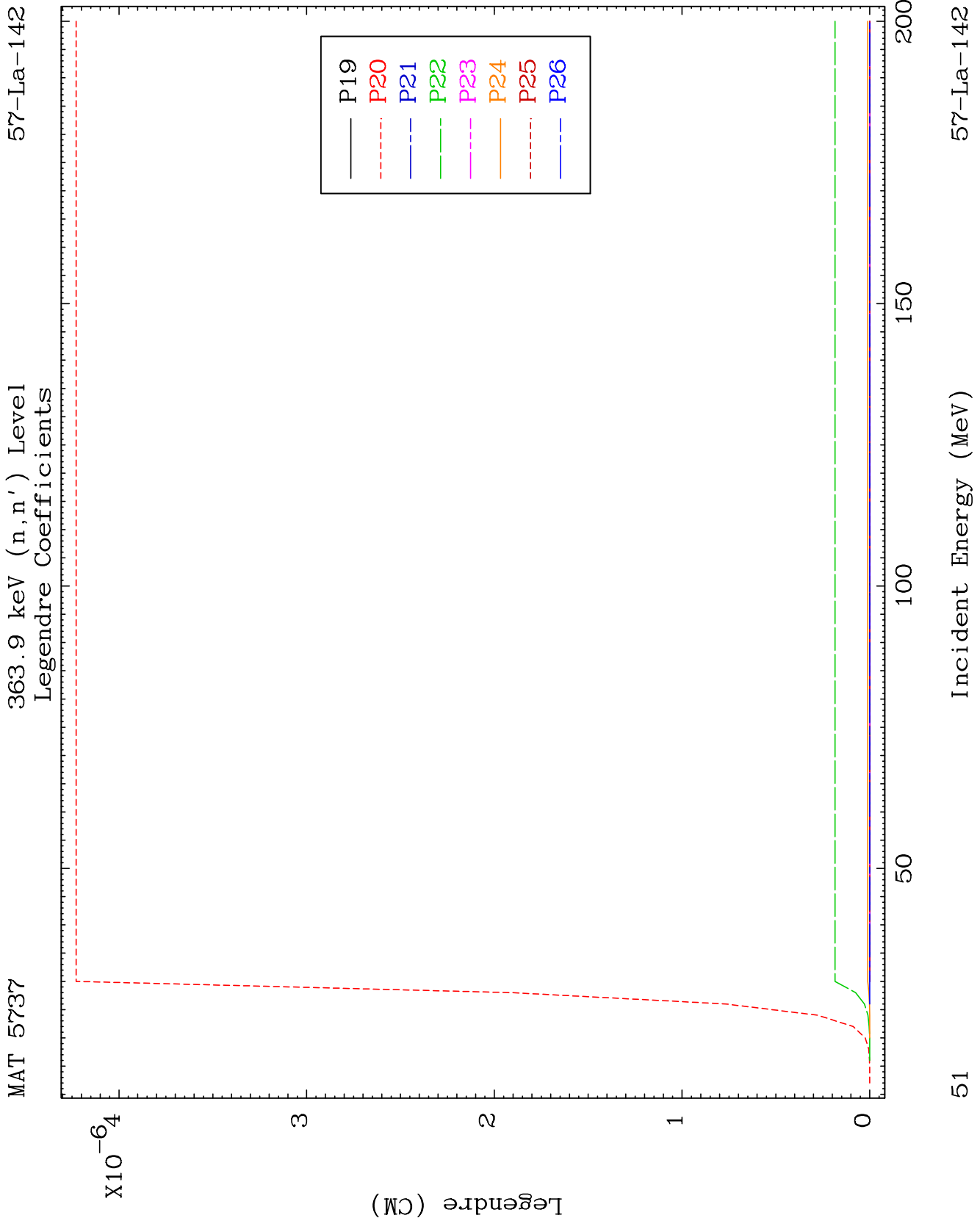


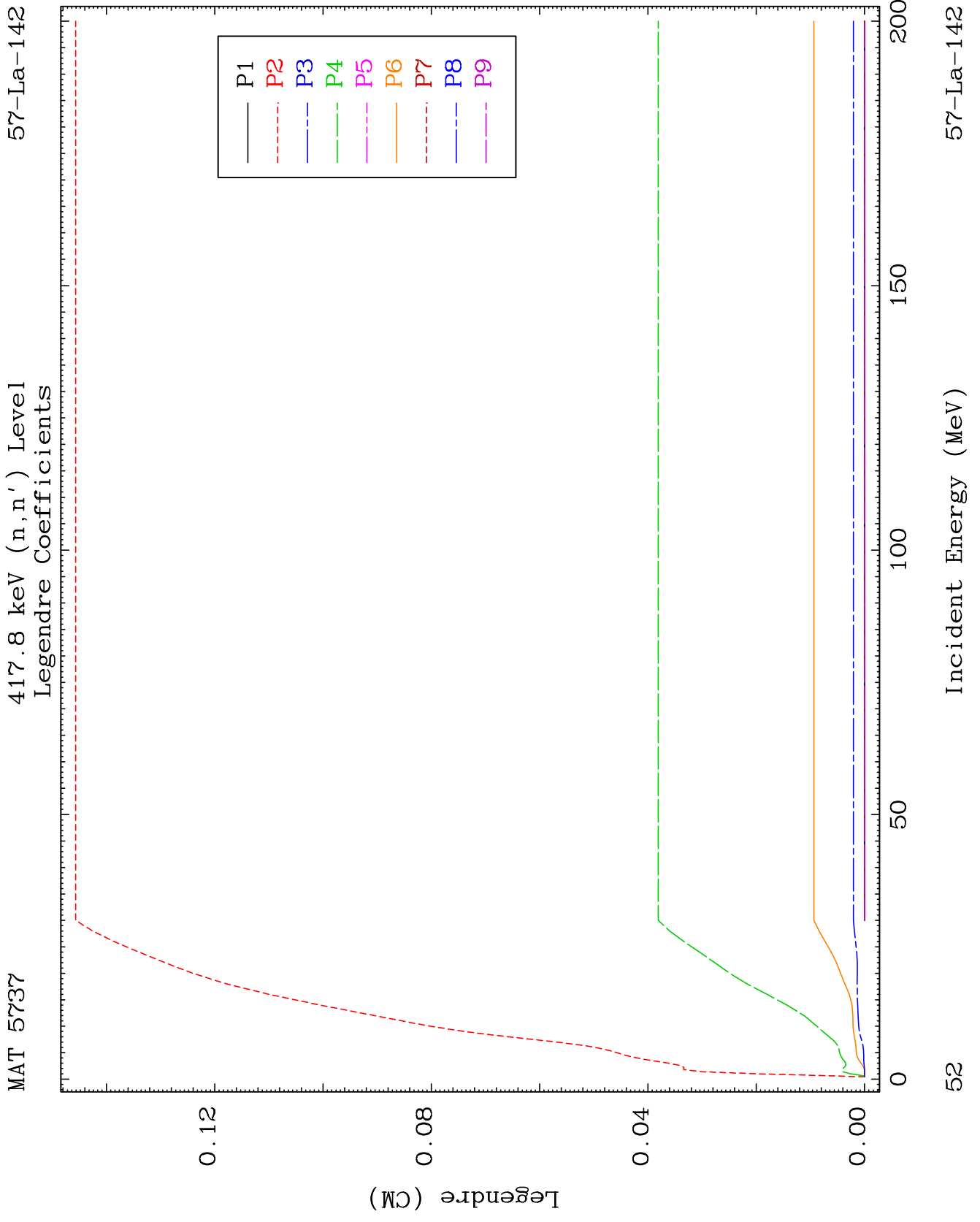
MAT 5737

363.9 keV (n,n') Level
Legendre Coefficients

57-La-142



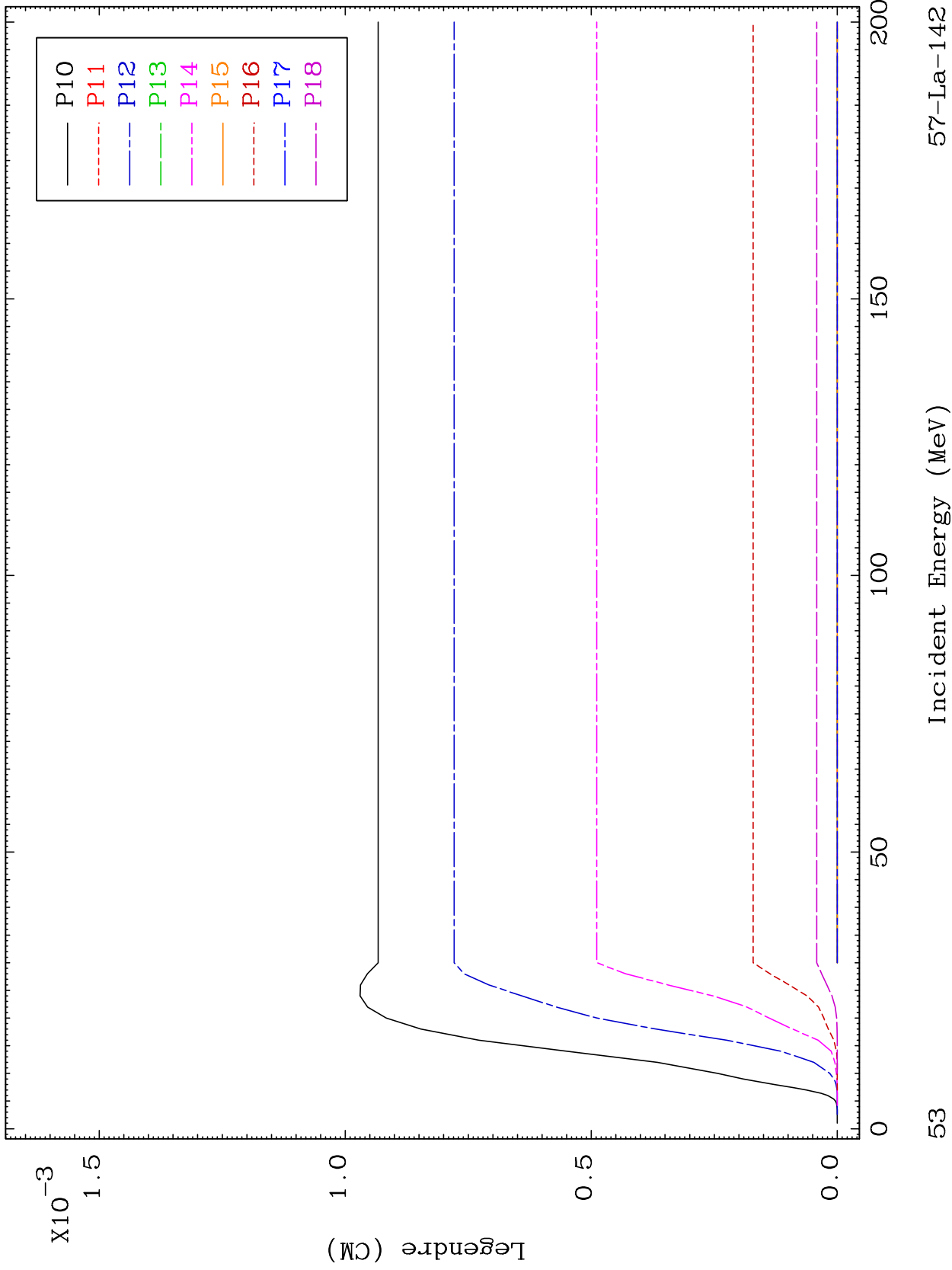




MAT 5737

417.8 keV (n,n') Level
Legendre Coefficients

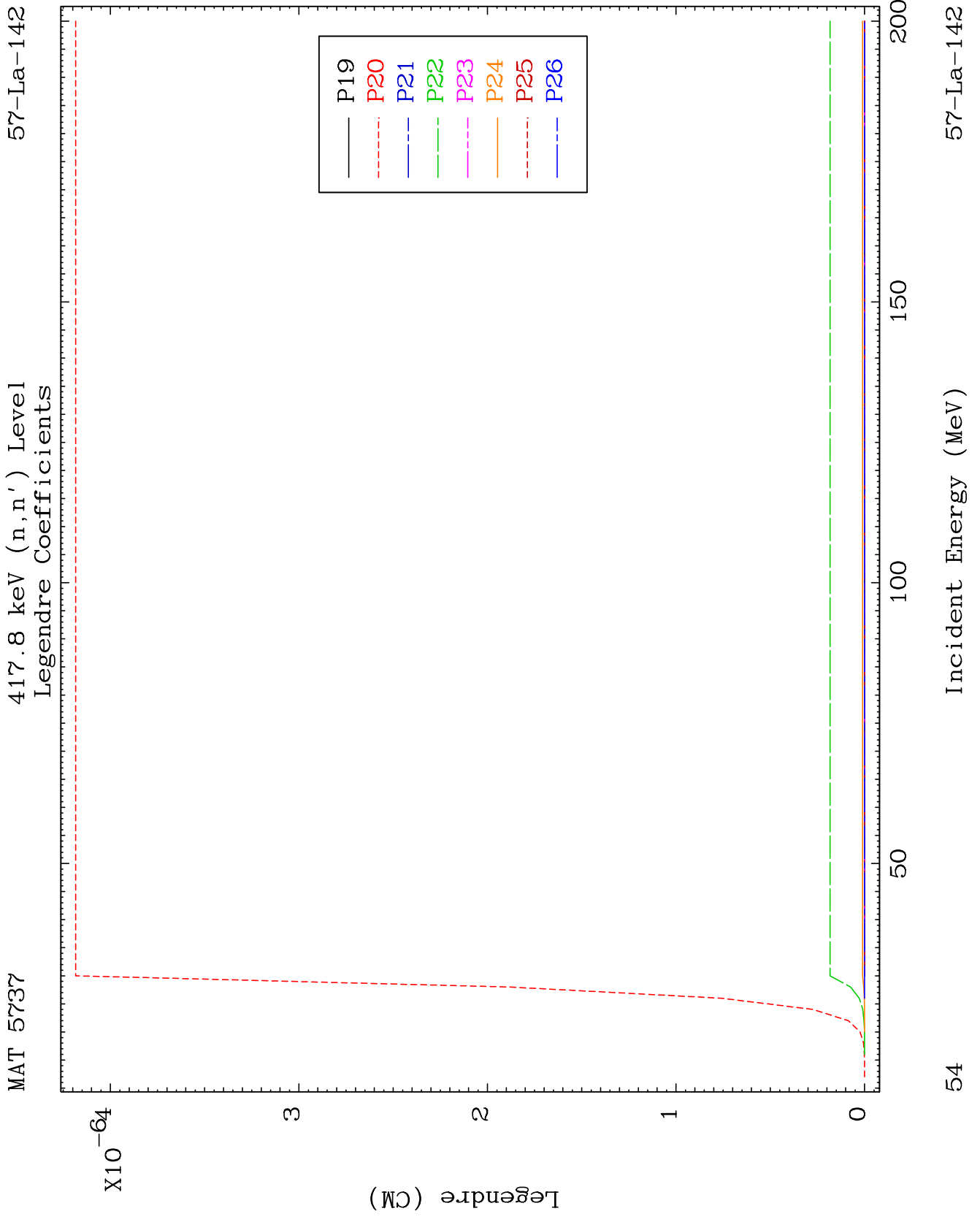
57-La-142



53

Incident Energy (MeV)

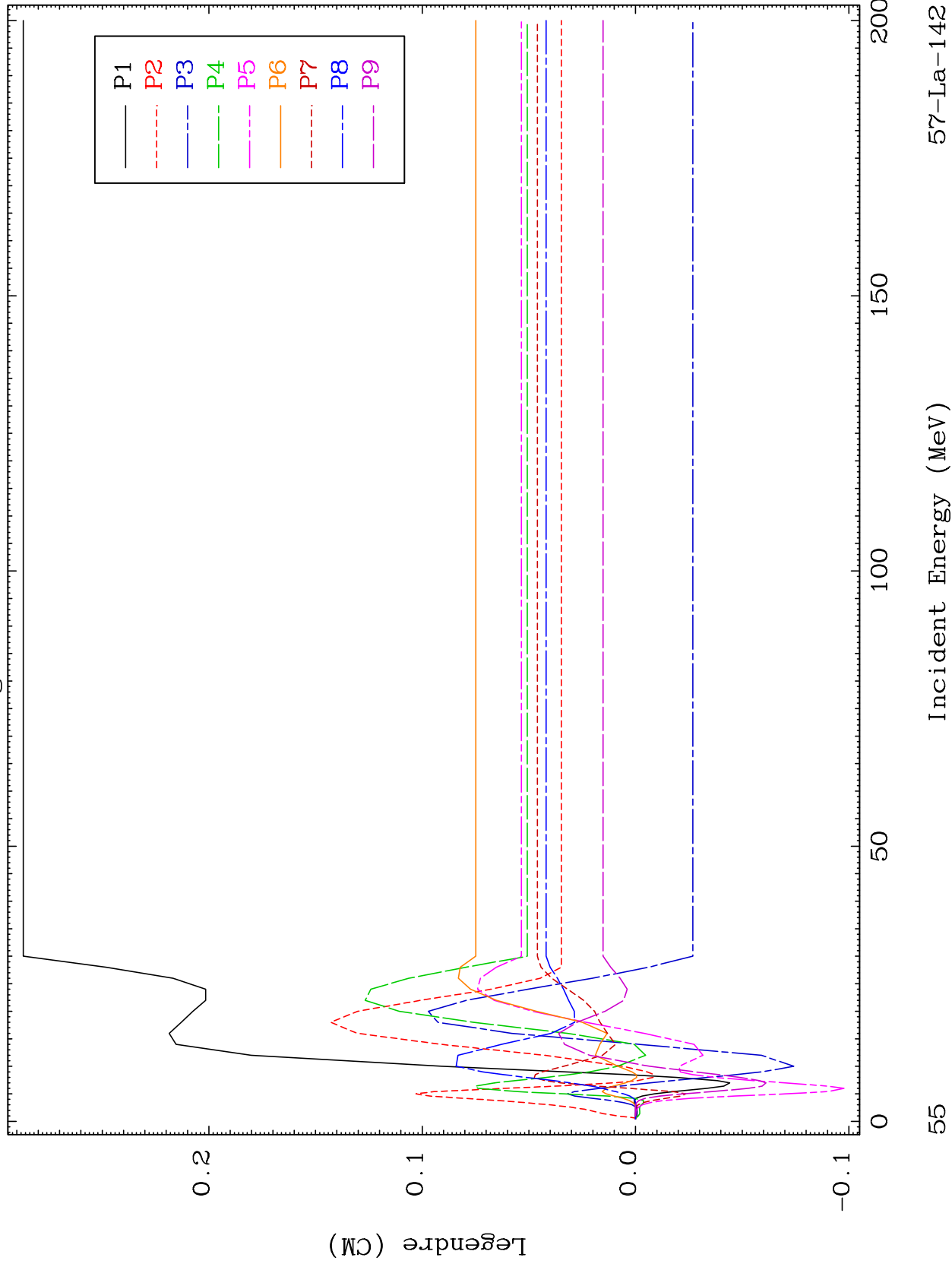
57-La-142



MAT 5737

425.0 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

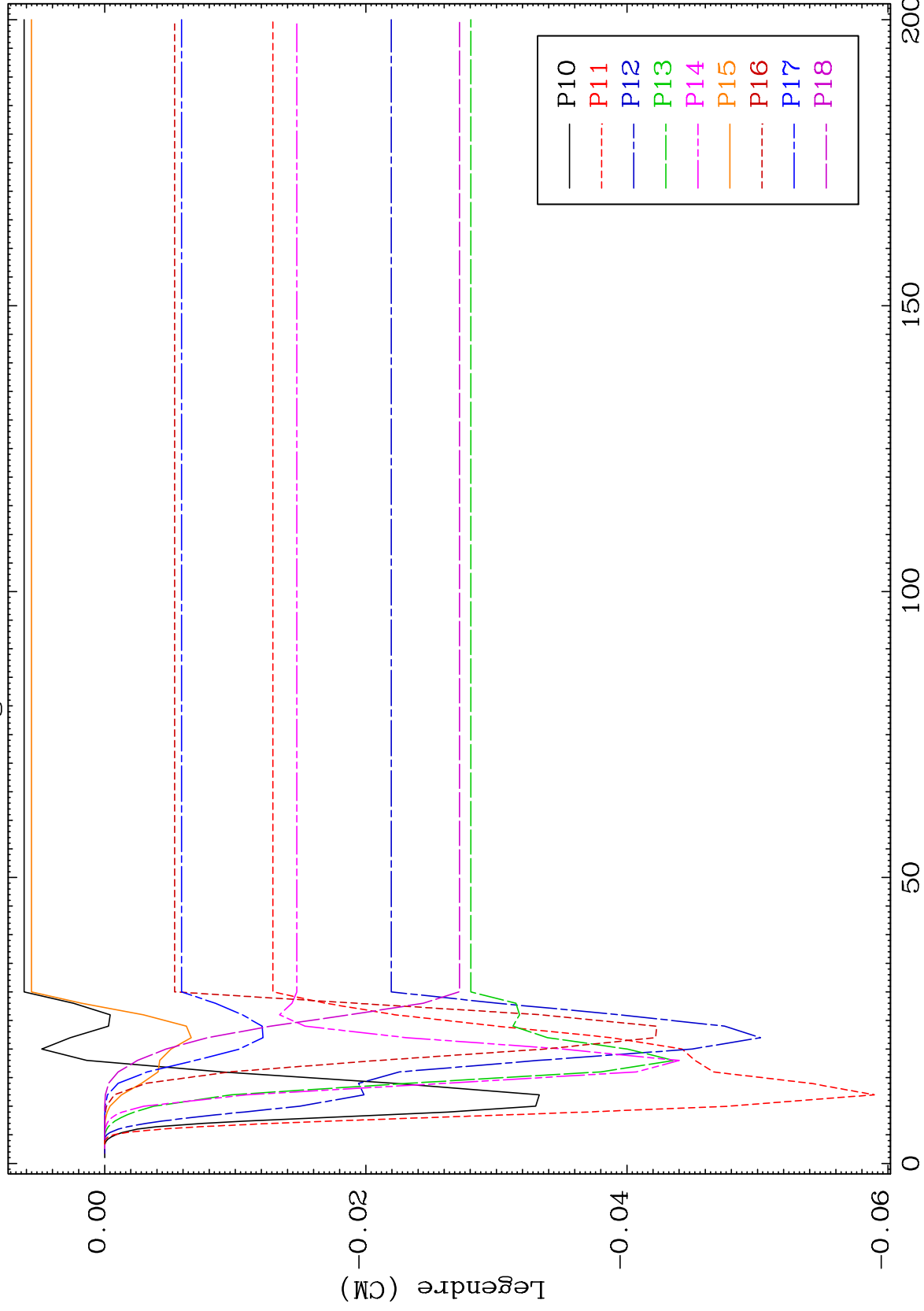
Incident Energy (MeV)

55

MAT 5737

425.0 keV (n,n') Level
Legendre Coefficients

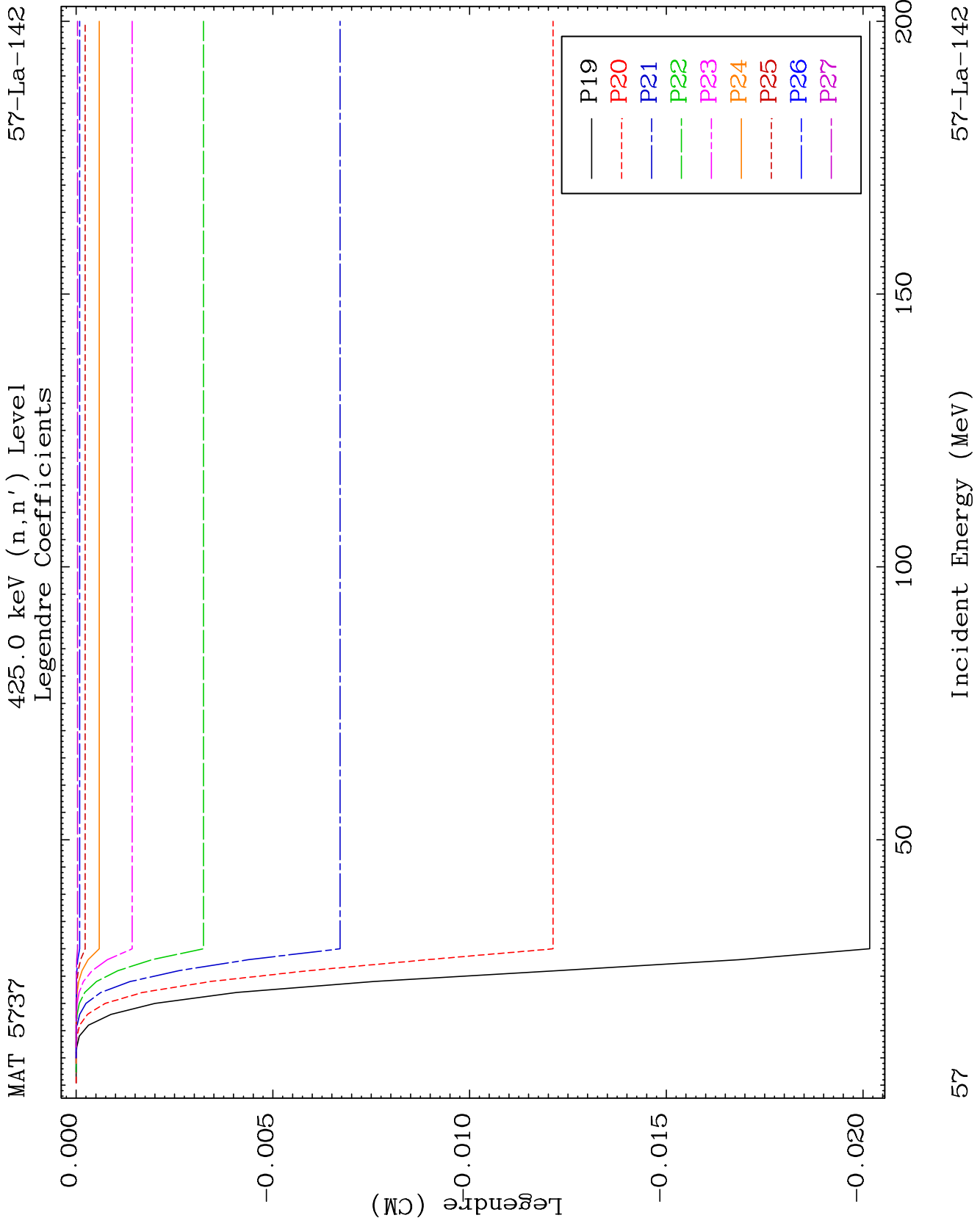
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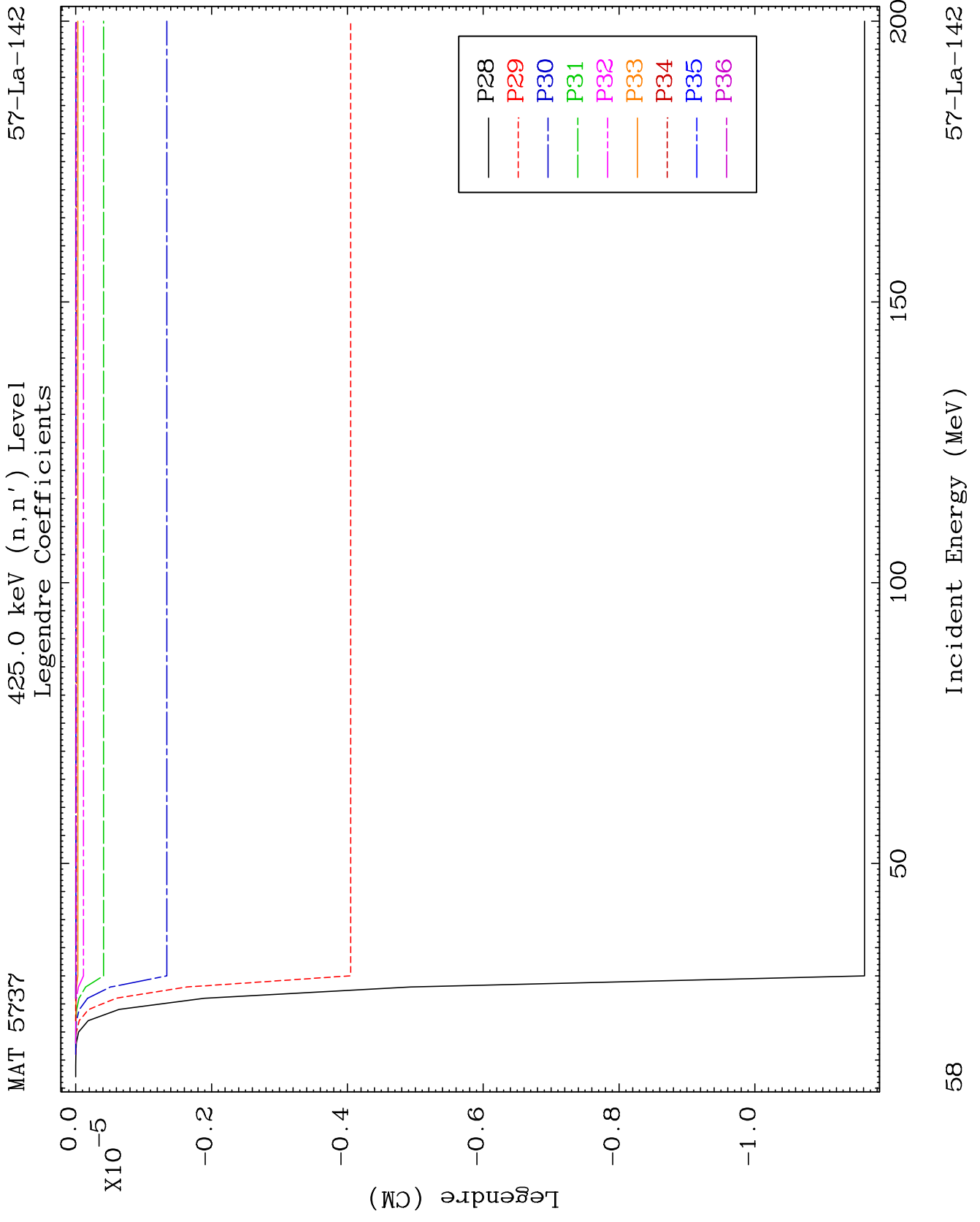


56

Incident Energy (MeV)

57-La-142

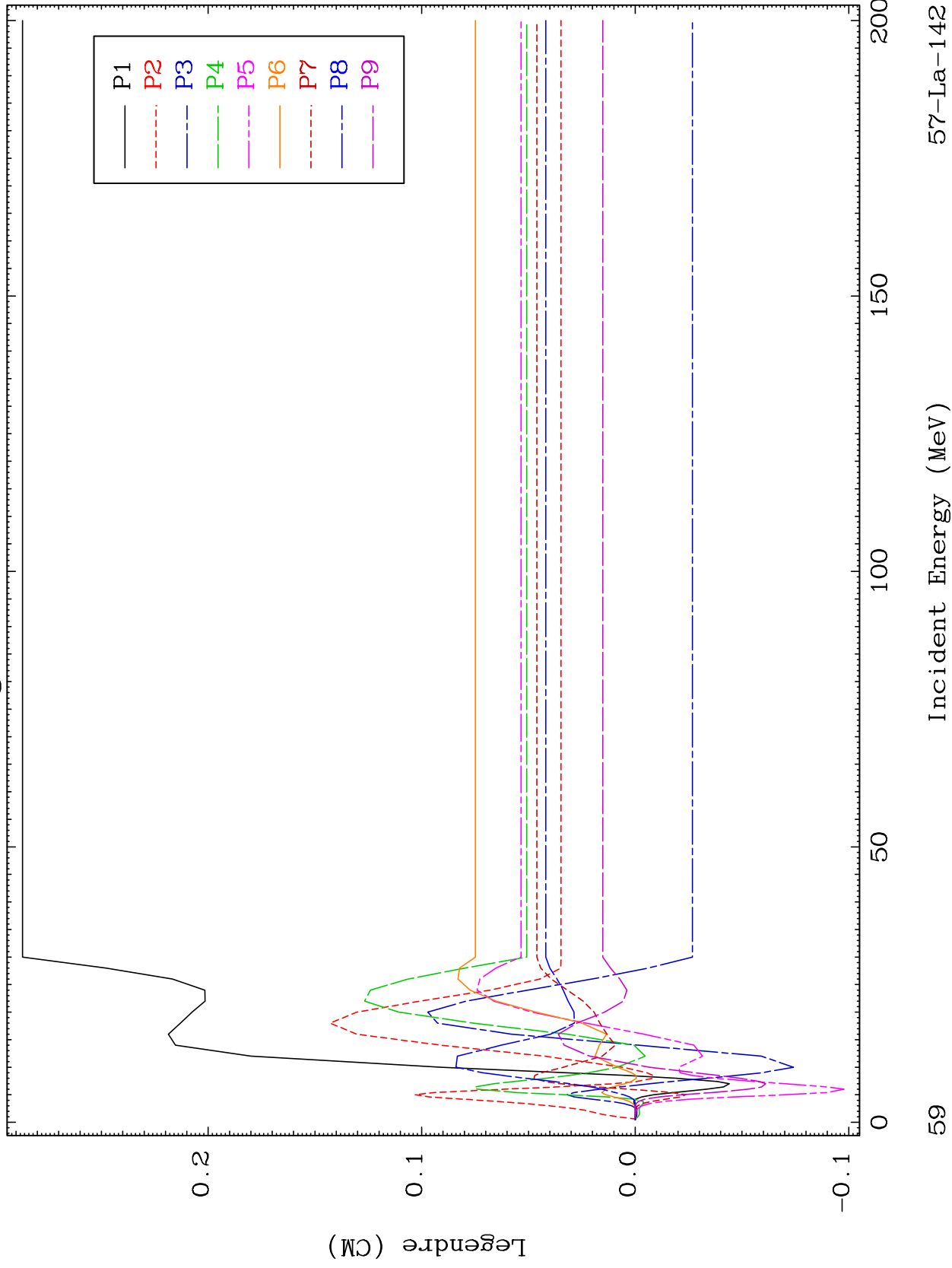




MAT 5737

432.3 keV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

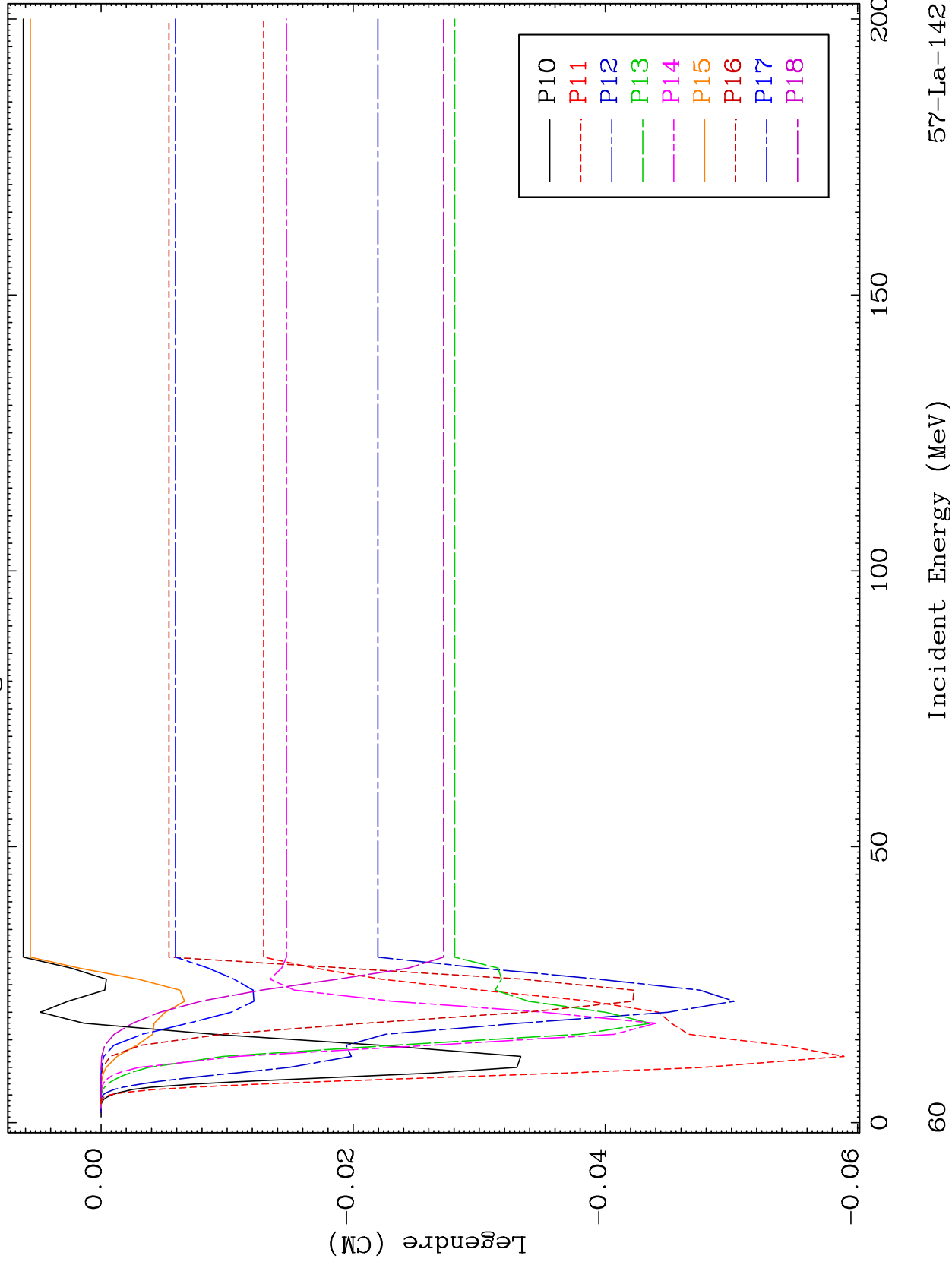
Incident Energy (MeV)

59

MAT 5737

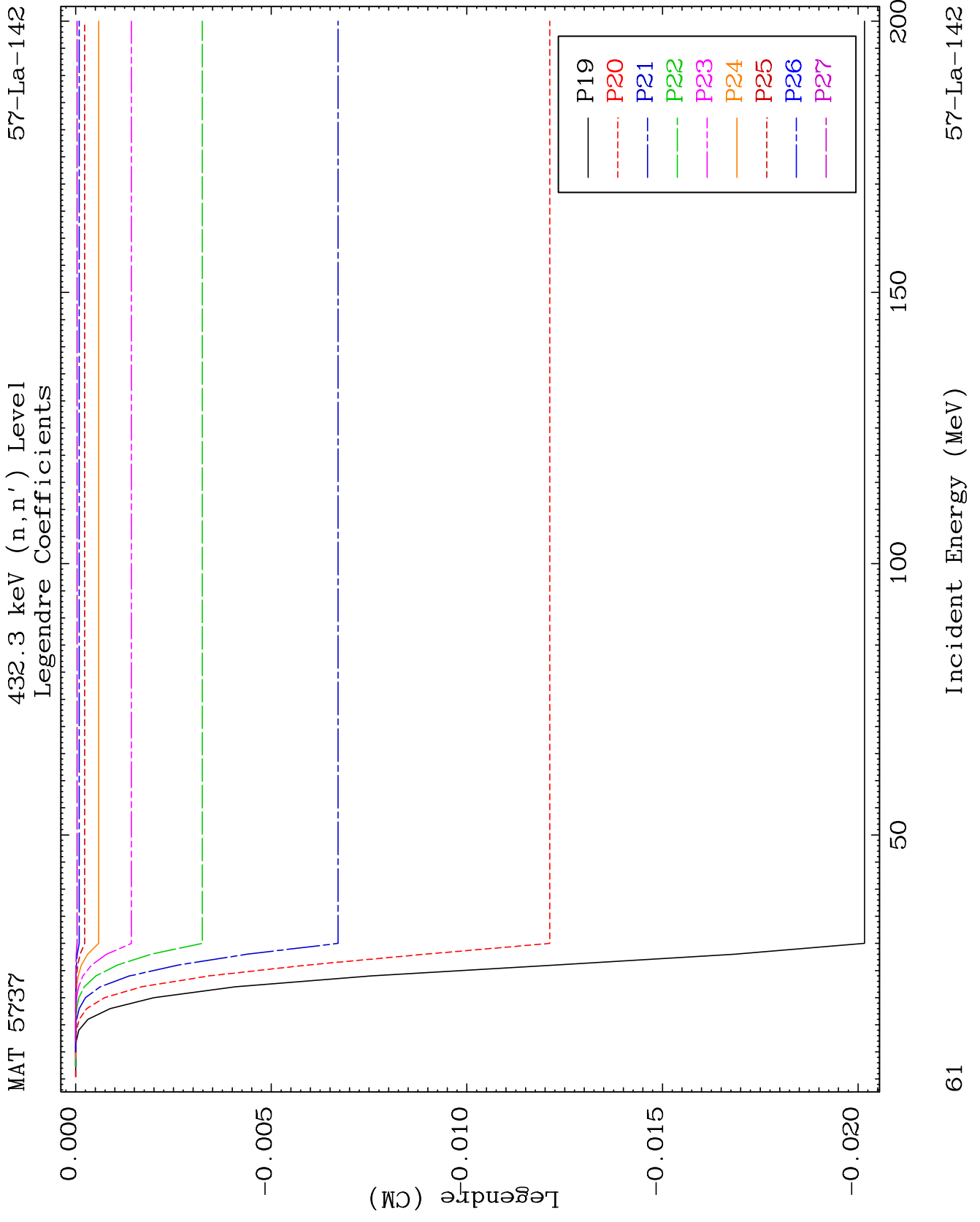
432.3 keV (n,n') Level
Legendre Coefficients

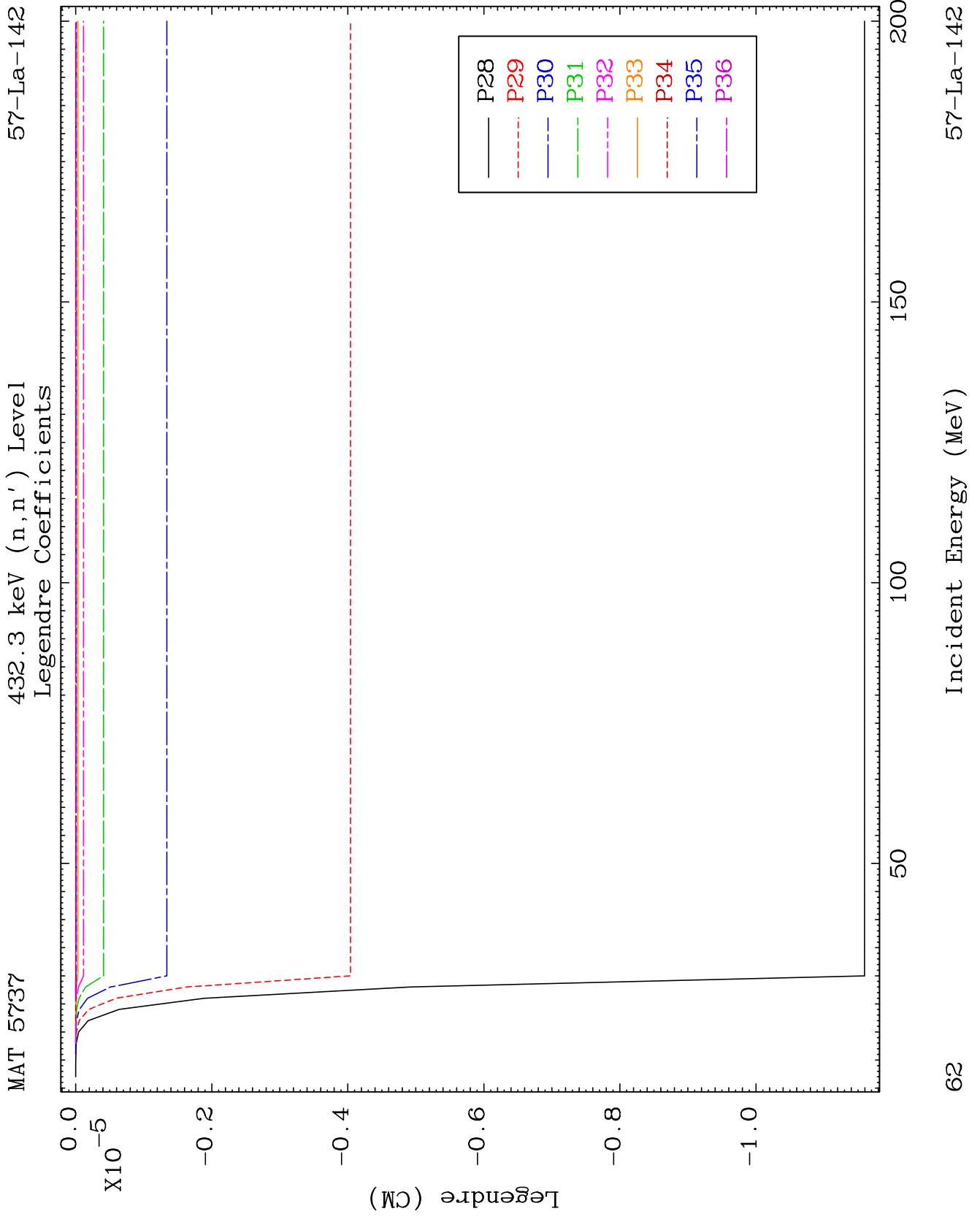
57-La-142

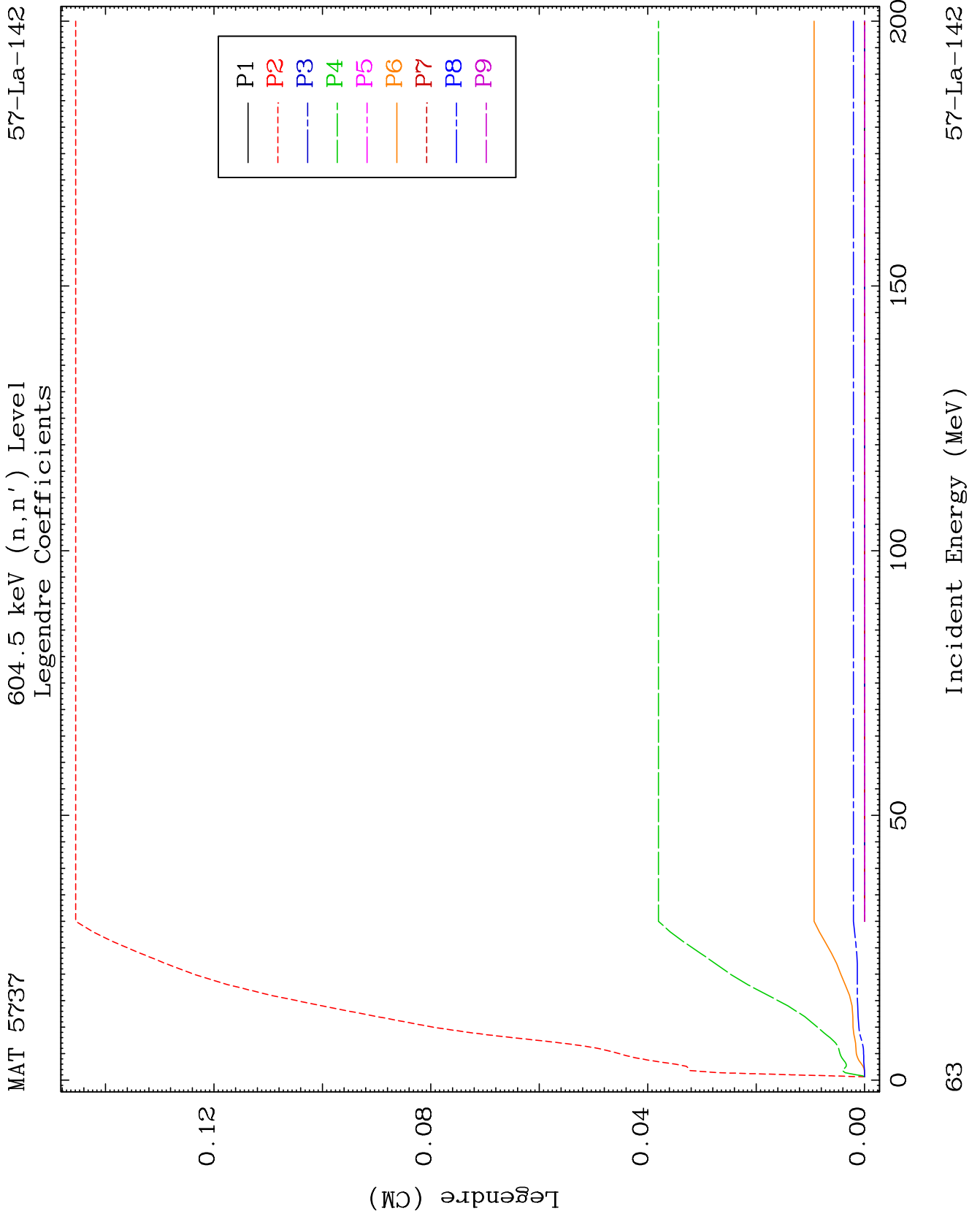


57-La-142

Incident Energy (MeV)



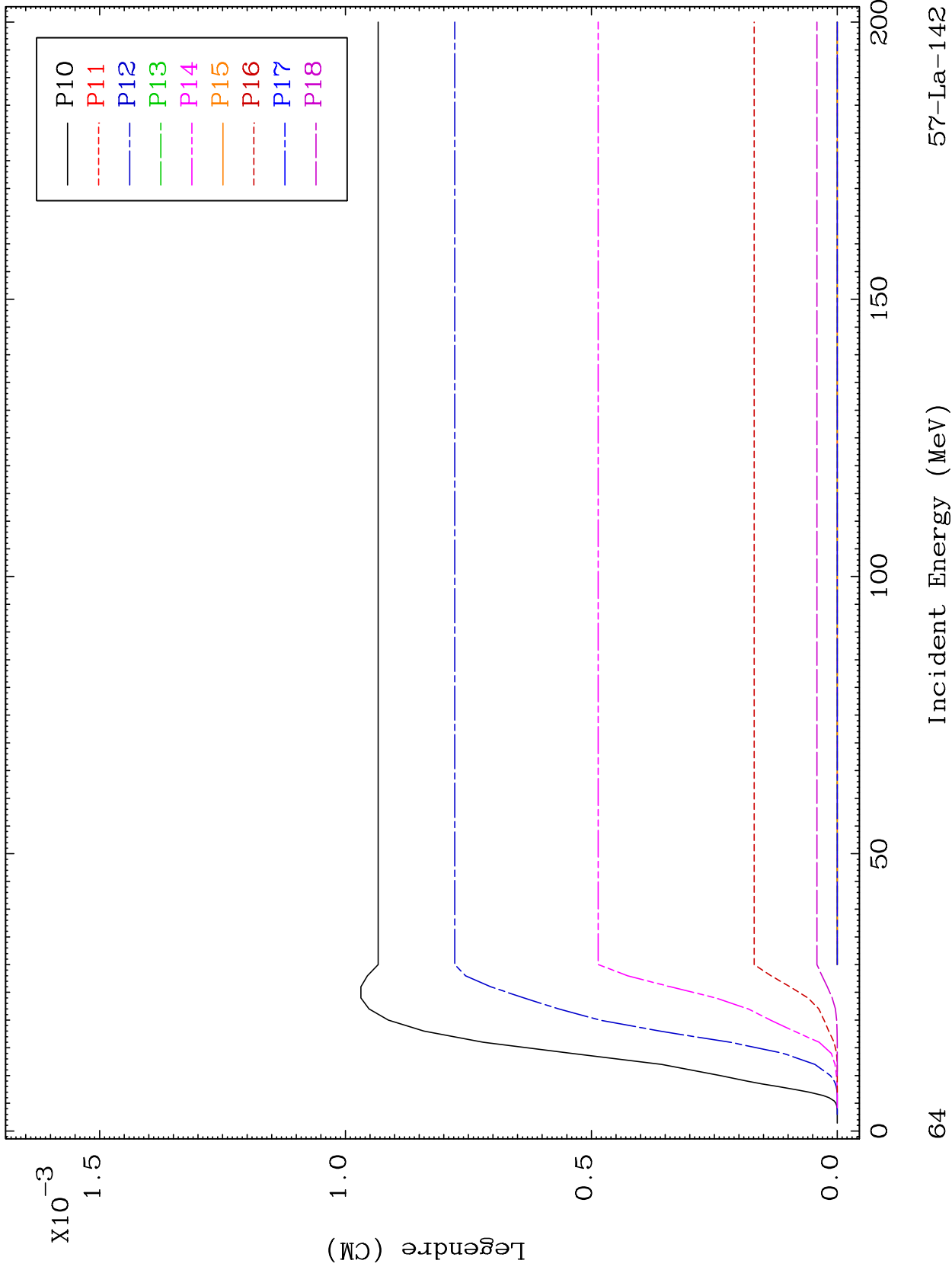




MAT 5737

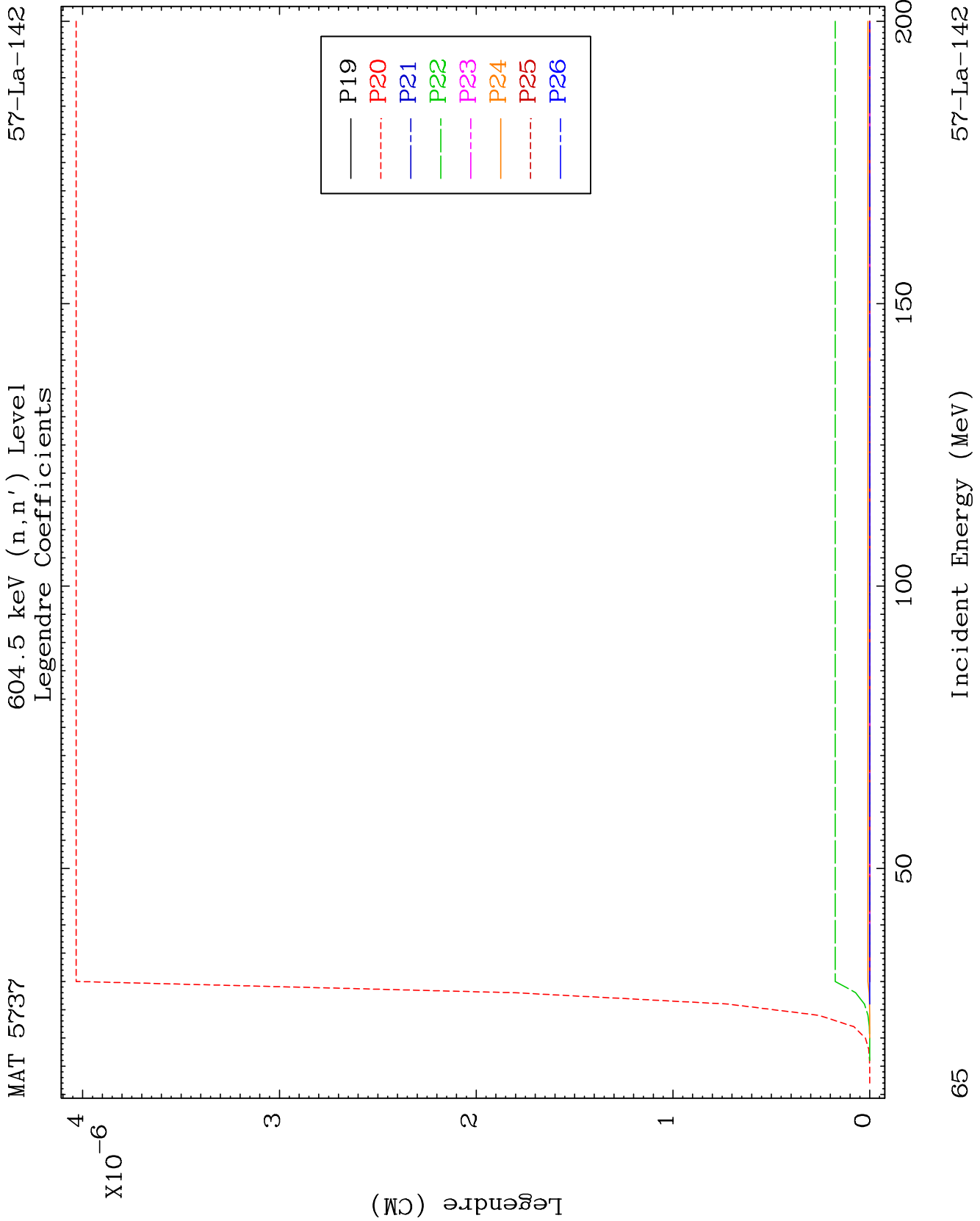
604.5 keV (n,n') Level
Legendre Coefficients

57-La-142



64

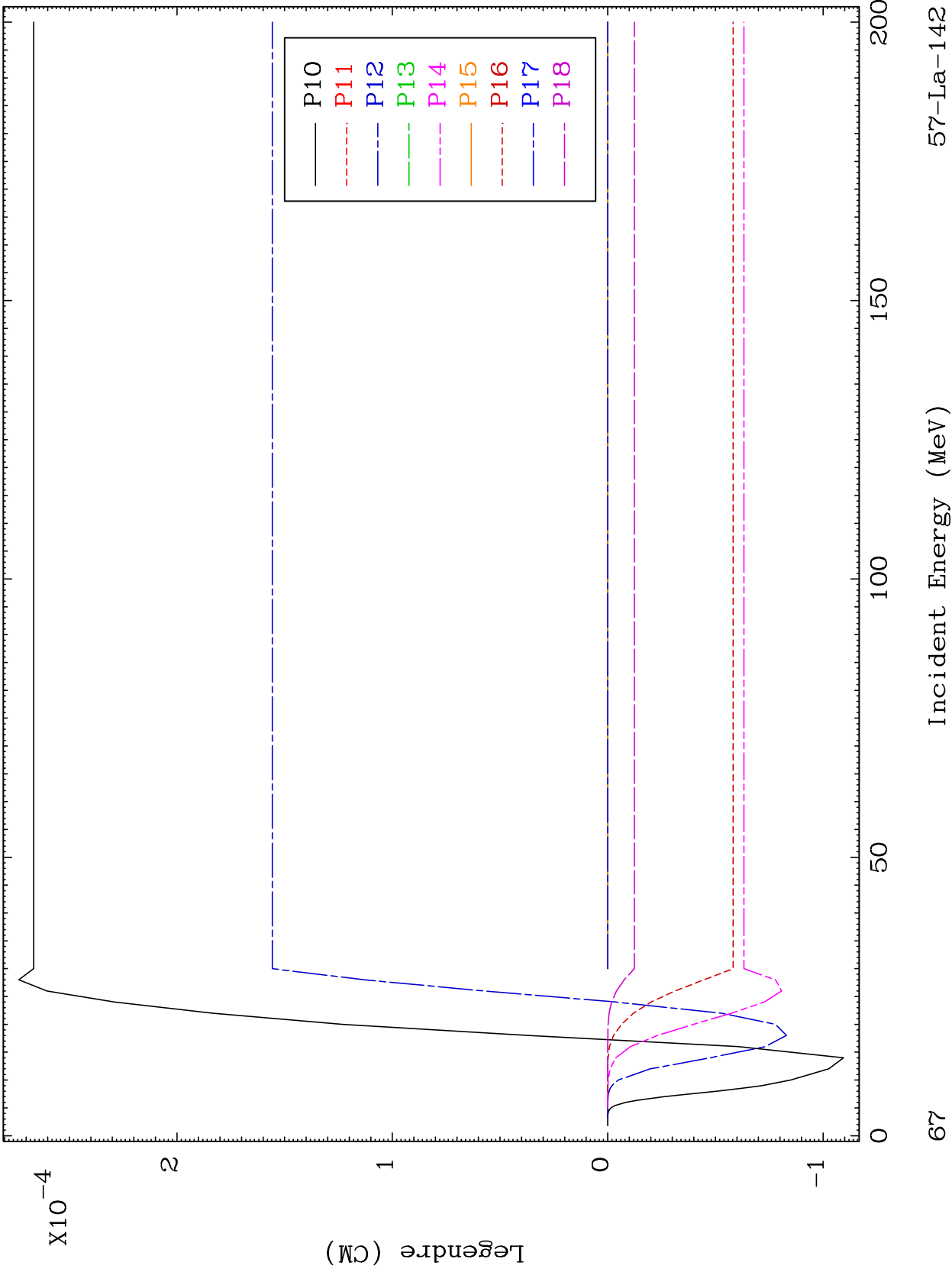
57-La-142



MAT 5737

666.1 keV (n,n') Level
Legendre Coefficients

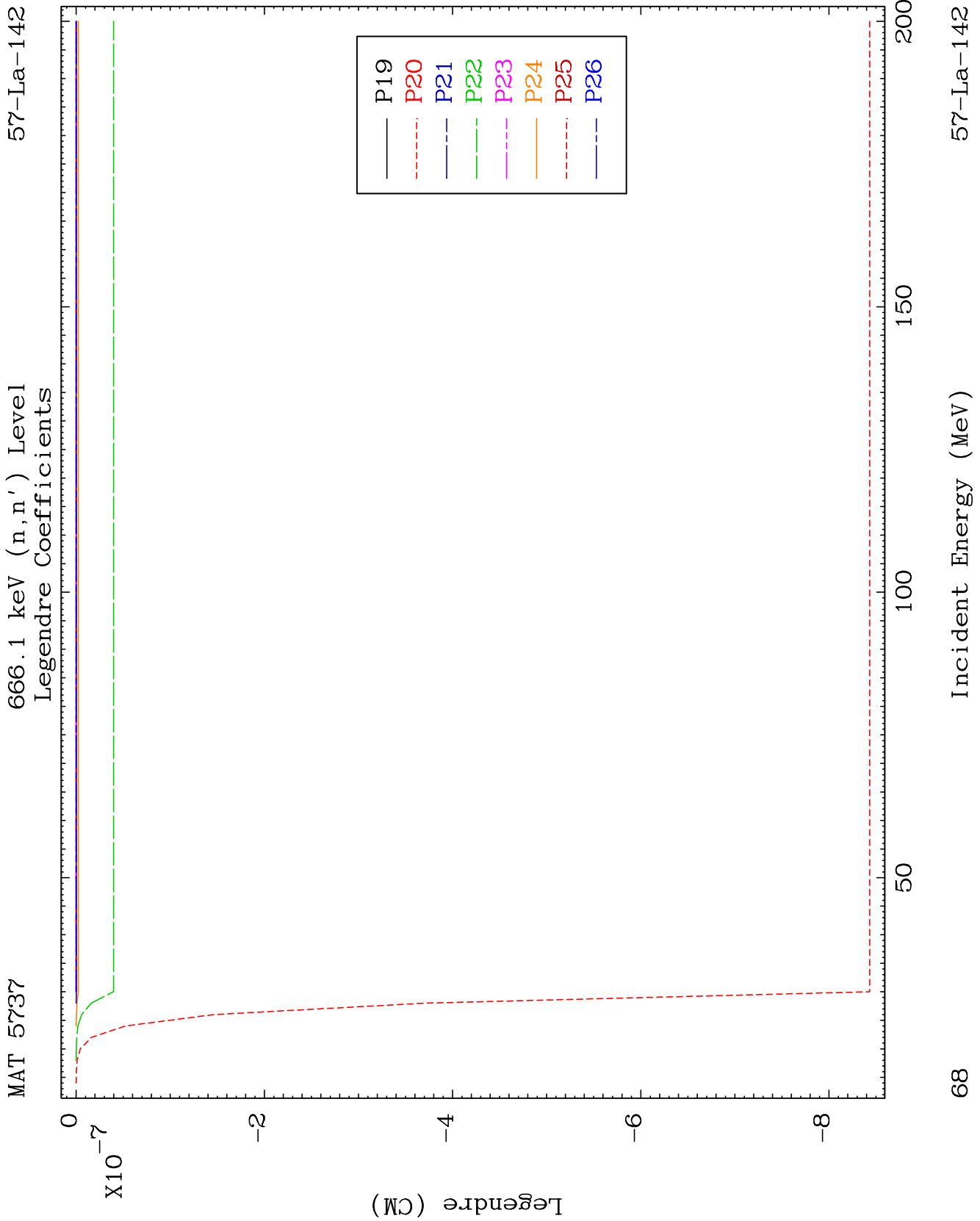
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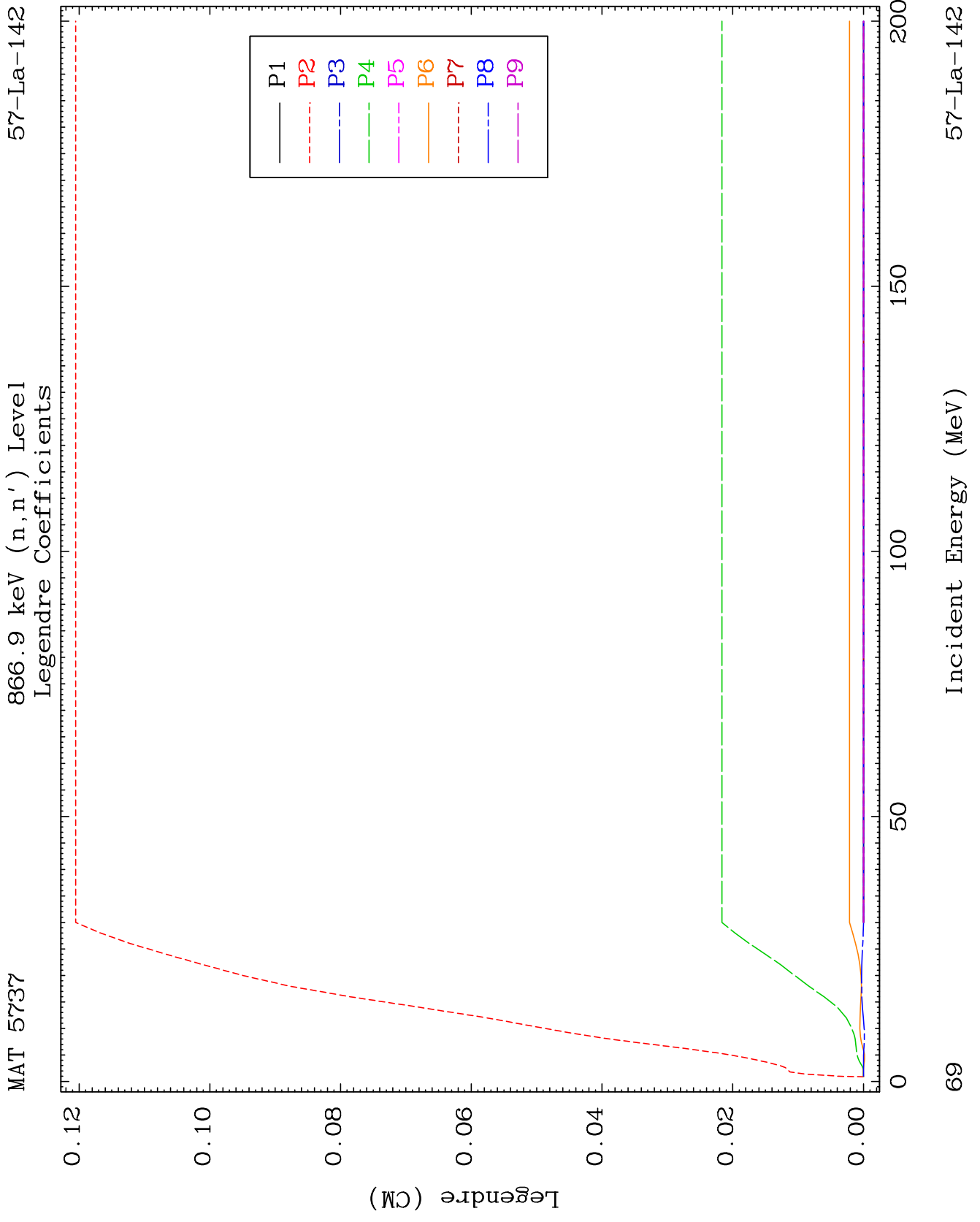


57-La-142

Incident Energy (MeV)

67

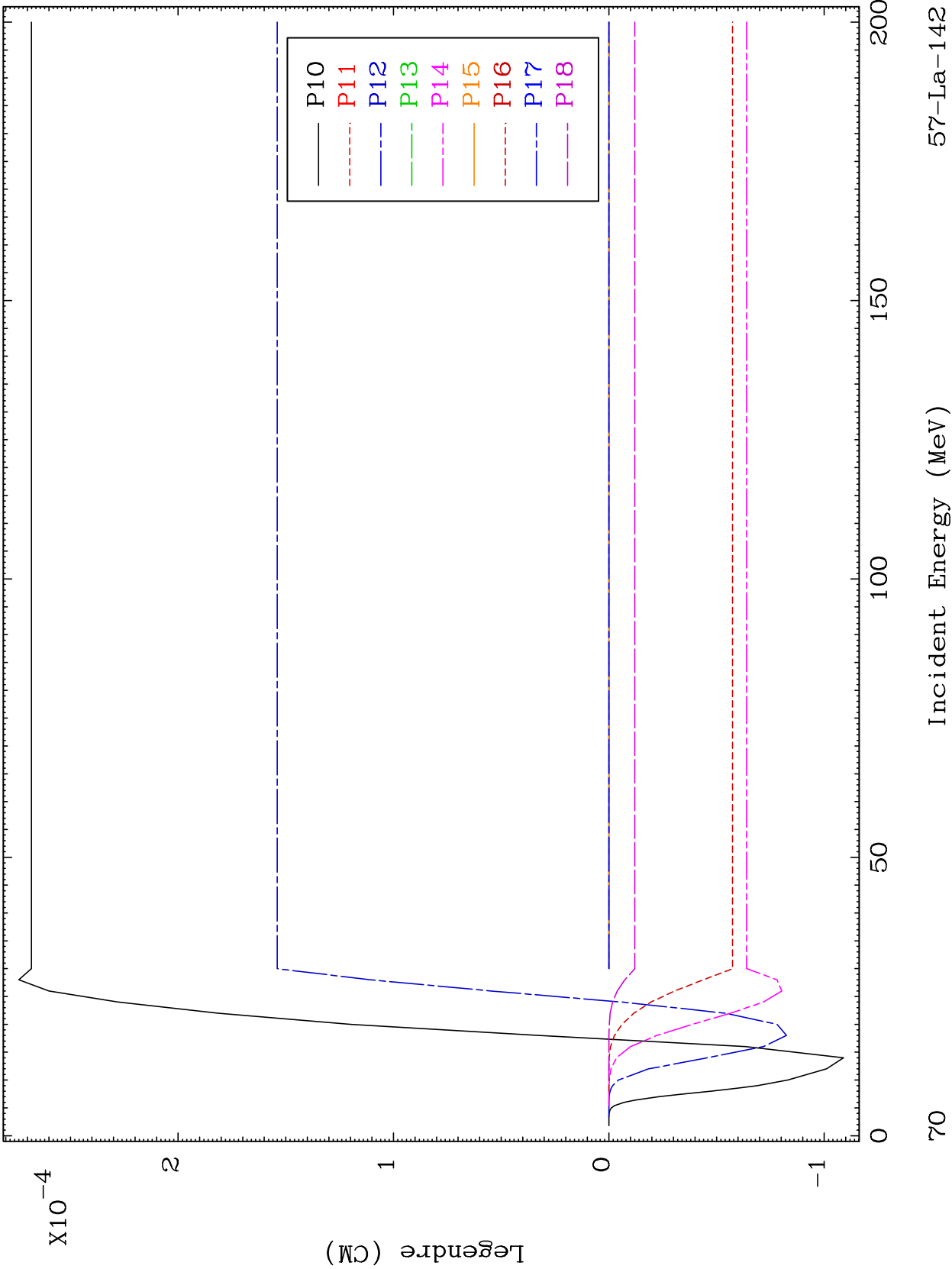




MAT 5737

866.9 keV (n,n') Level
Legendre Coefficients

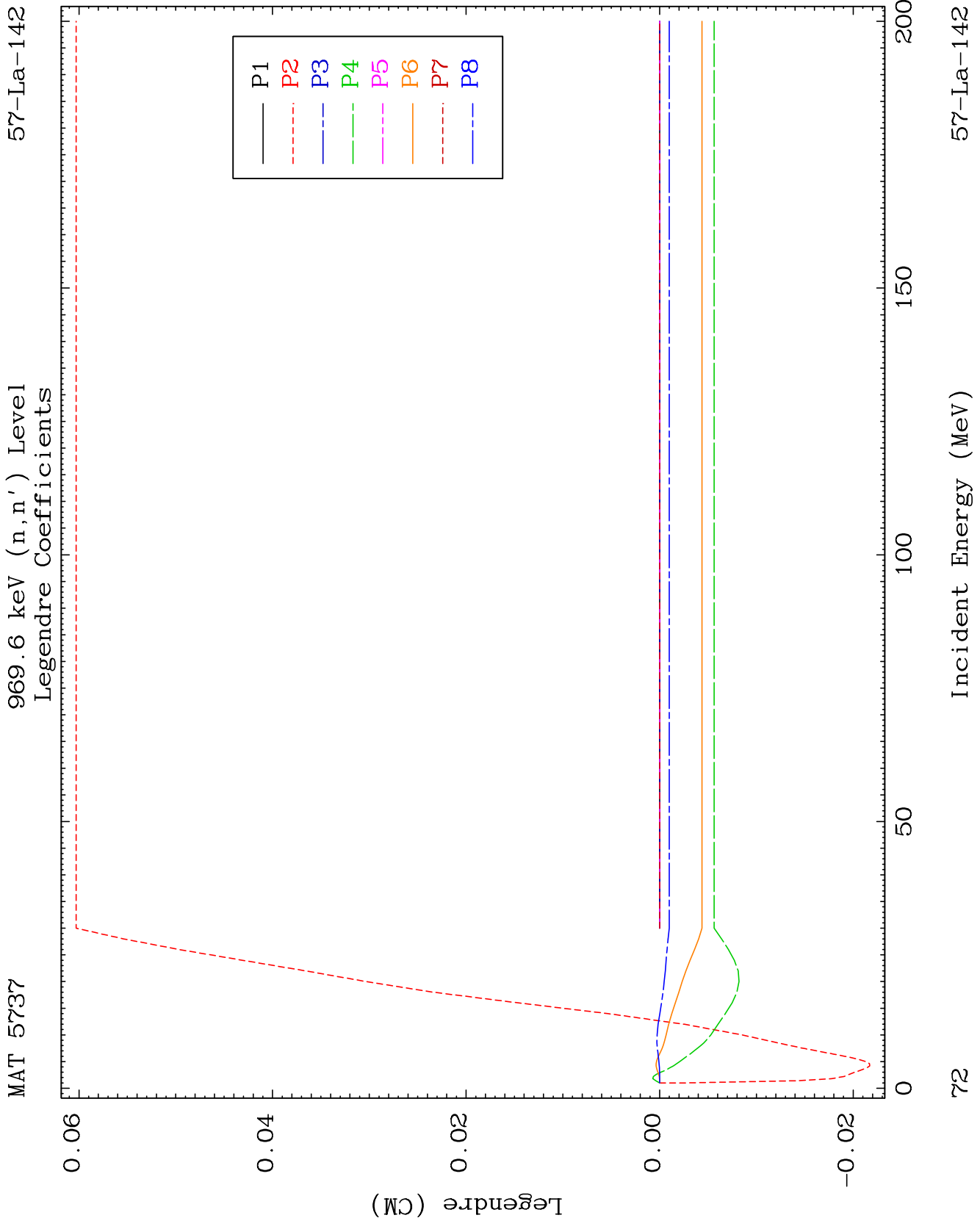
57-La-142



57-La-142

Incident Energy (MeV)

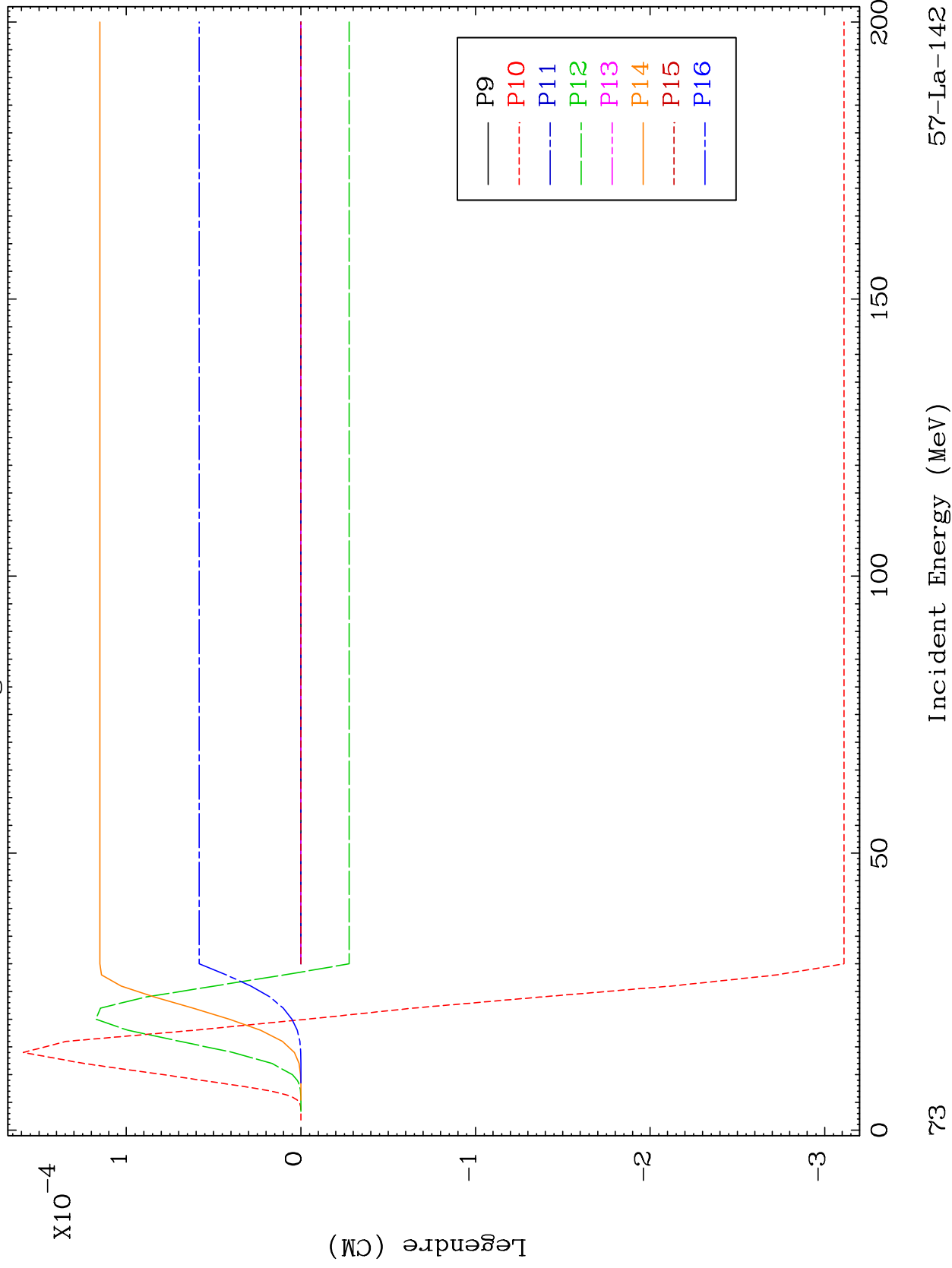
70



MAT 5737

969.6 keV (n,n') Level
Legendre Coefficients

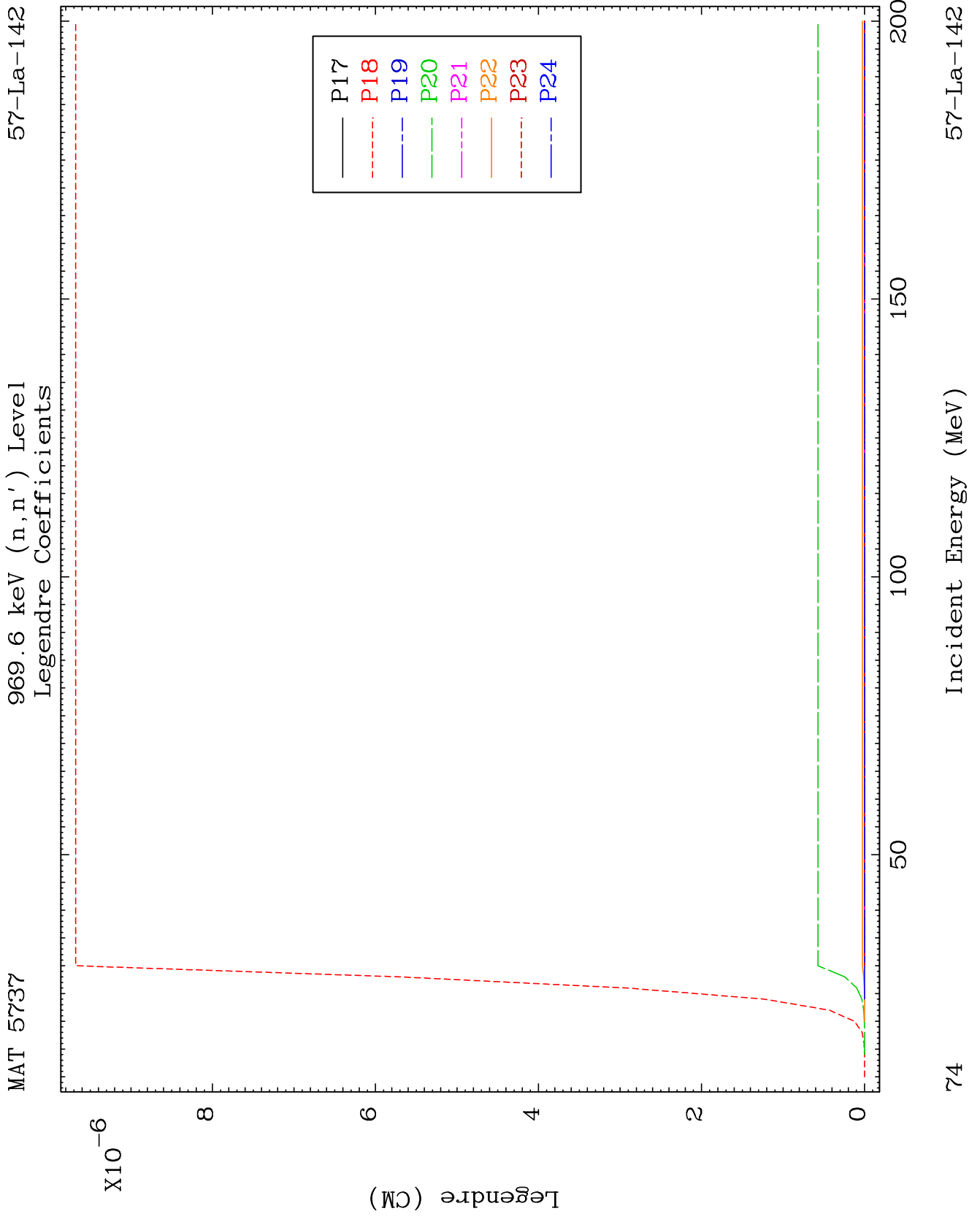
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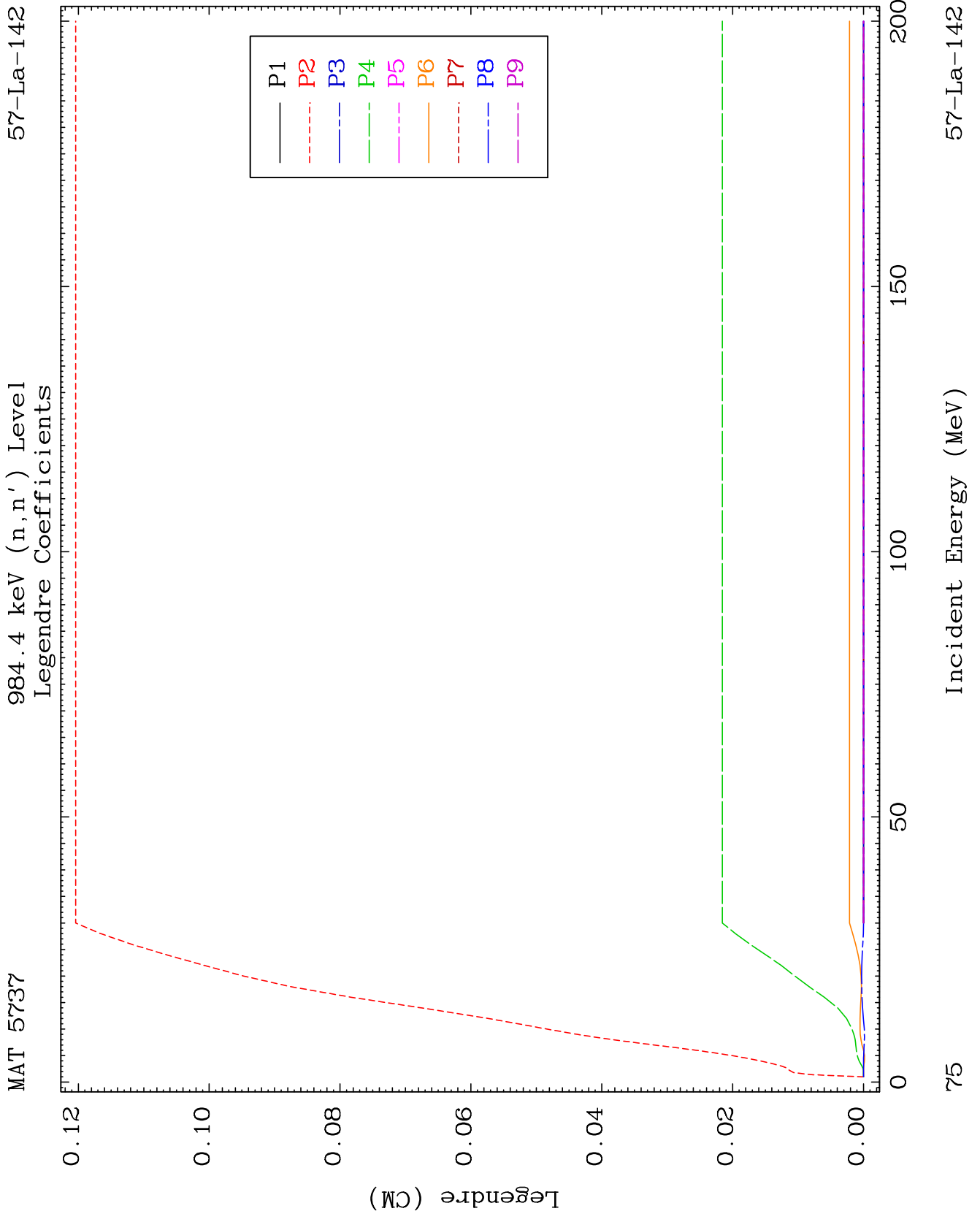


73

Incident Energy (MeV)

57-La-142

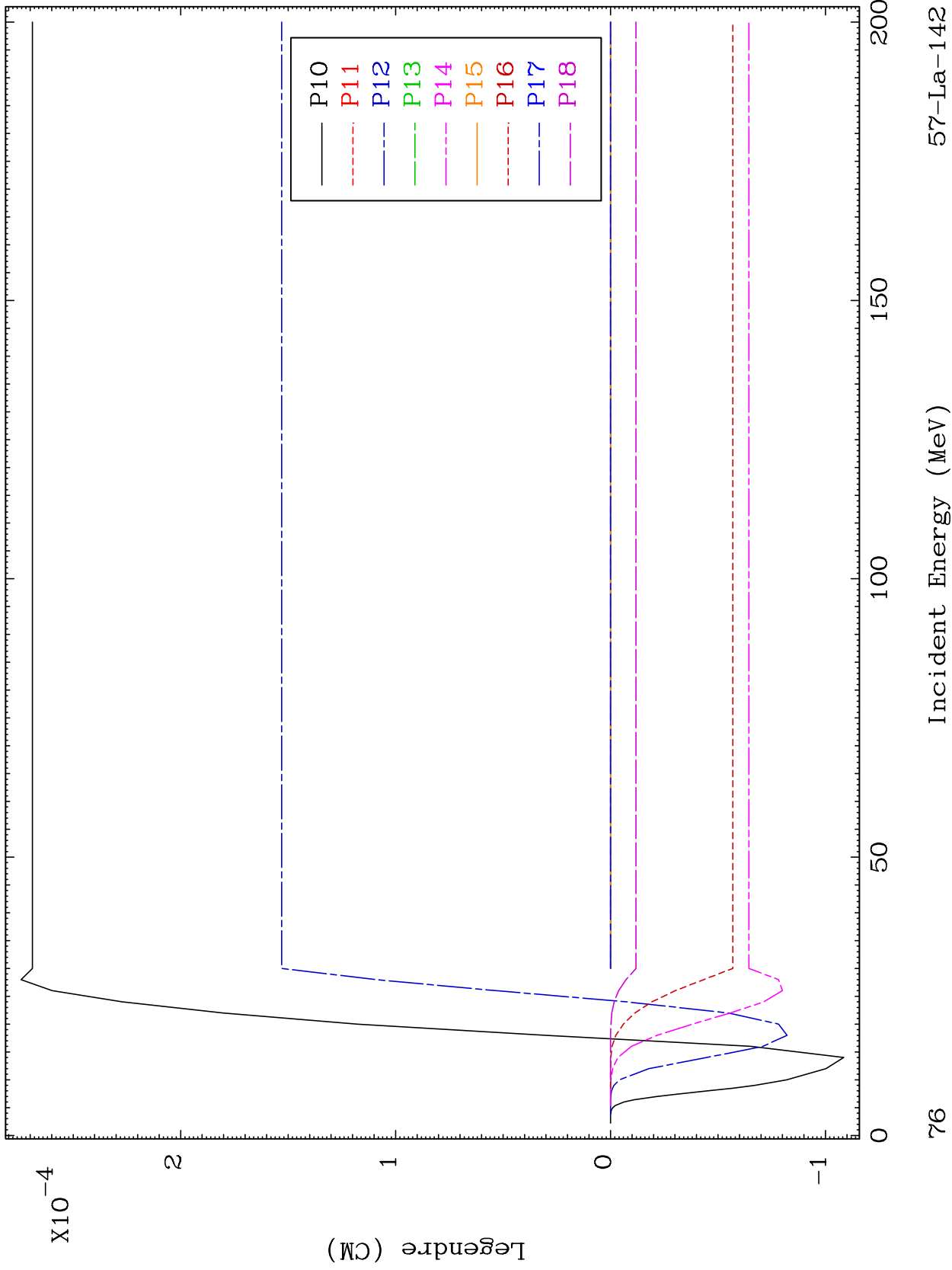




MAT 5737

984.4 keV (n,n') Level
Legendre Coefficients

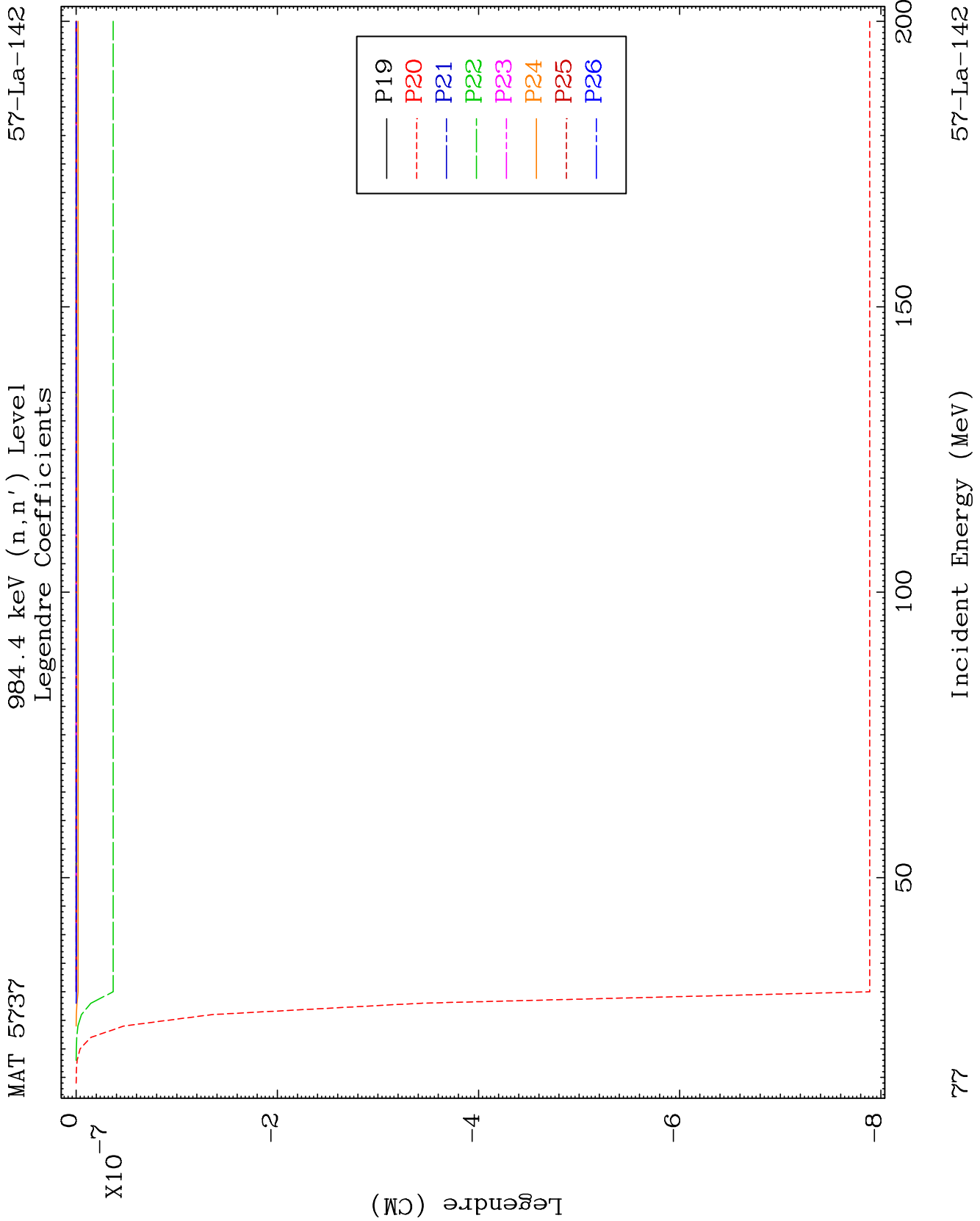
57-La-142



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Incident Energy (MeV)

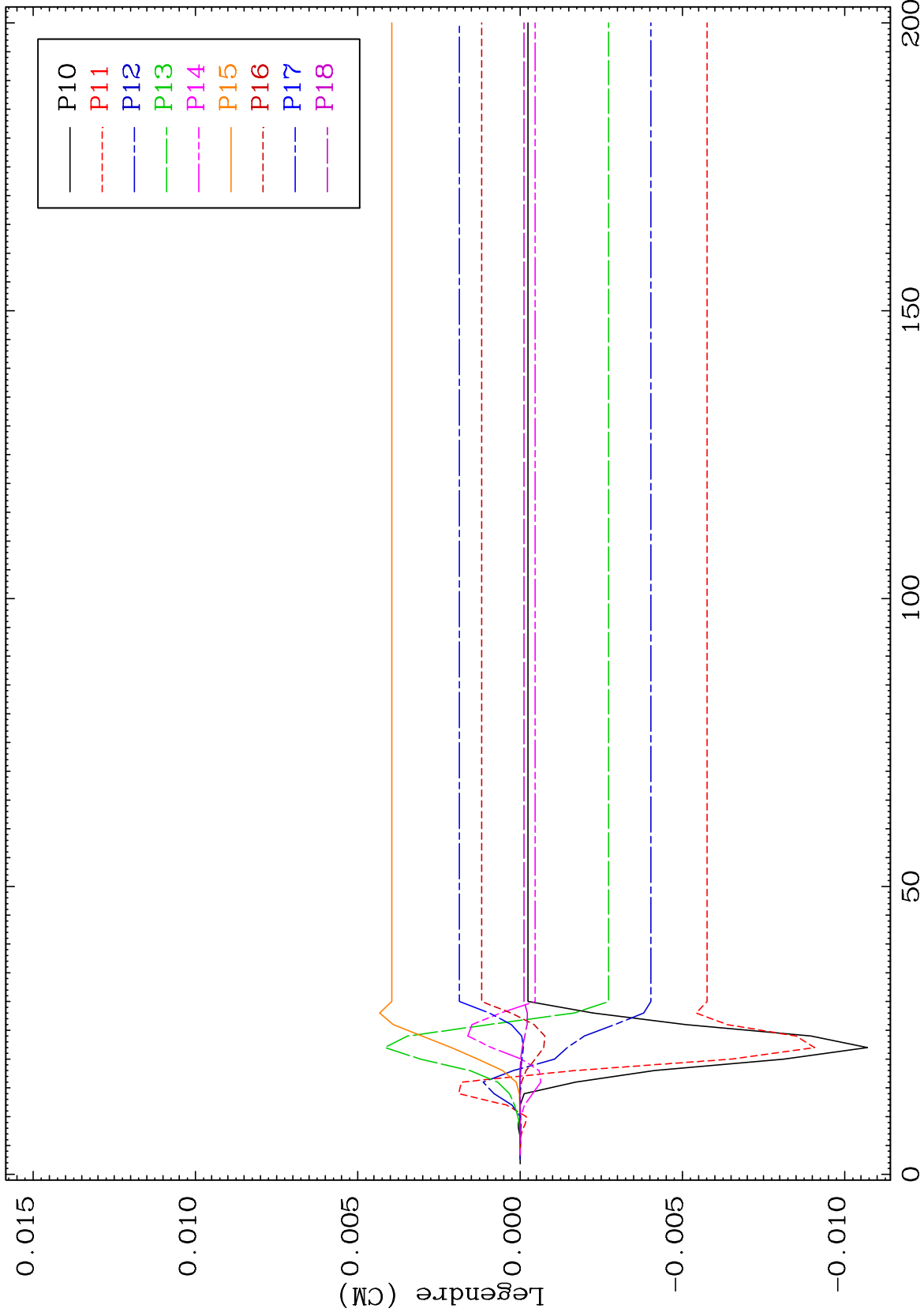
57-La-142



MAT 5737

1.010 MeV (n,n') Level
Legendre Coefficients

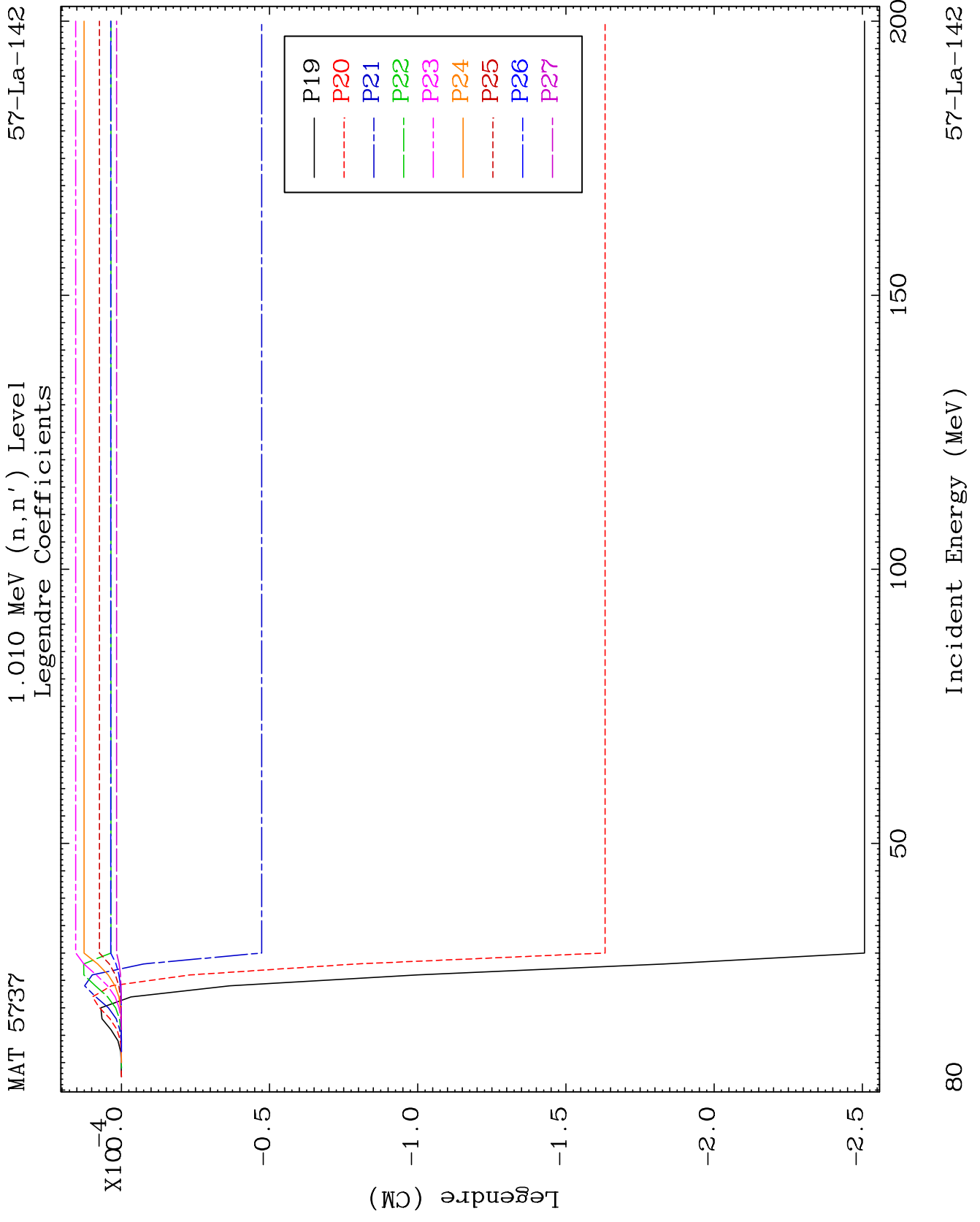
57-La-142



79

Incident Energy (MeV)

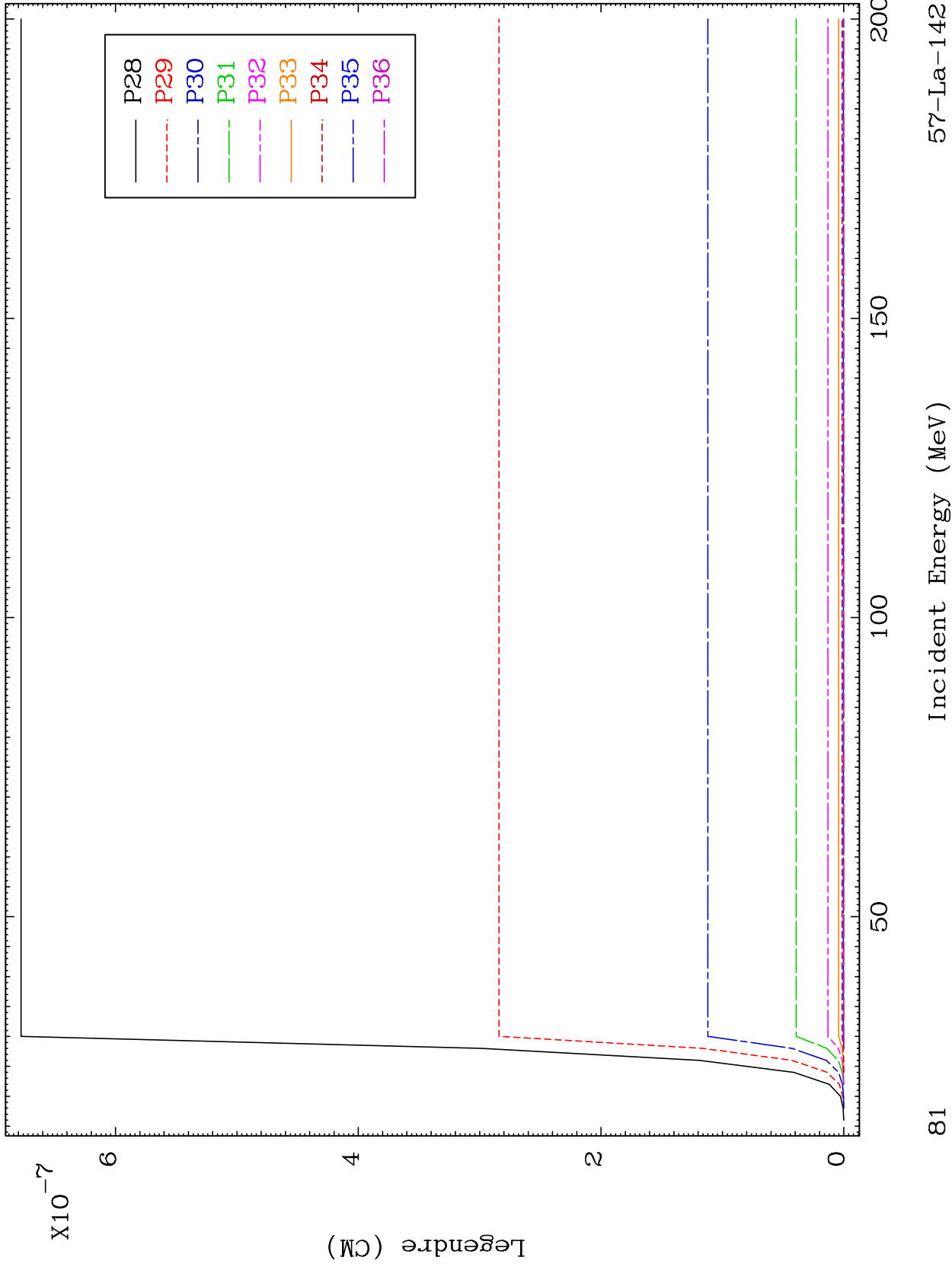
57-La-142

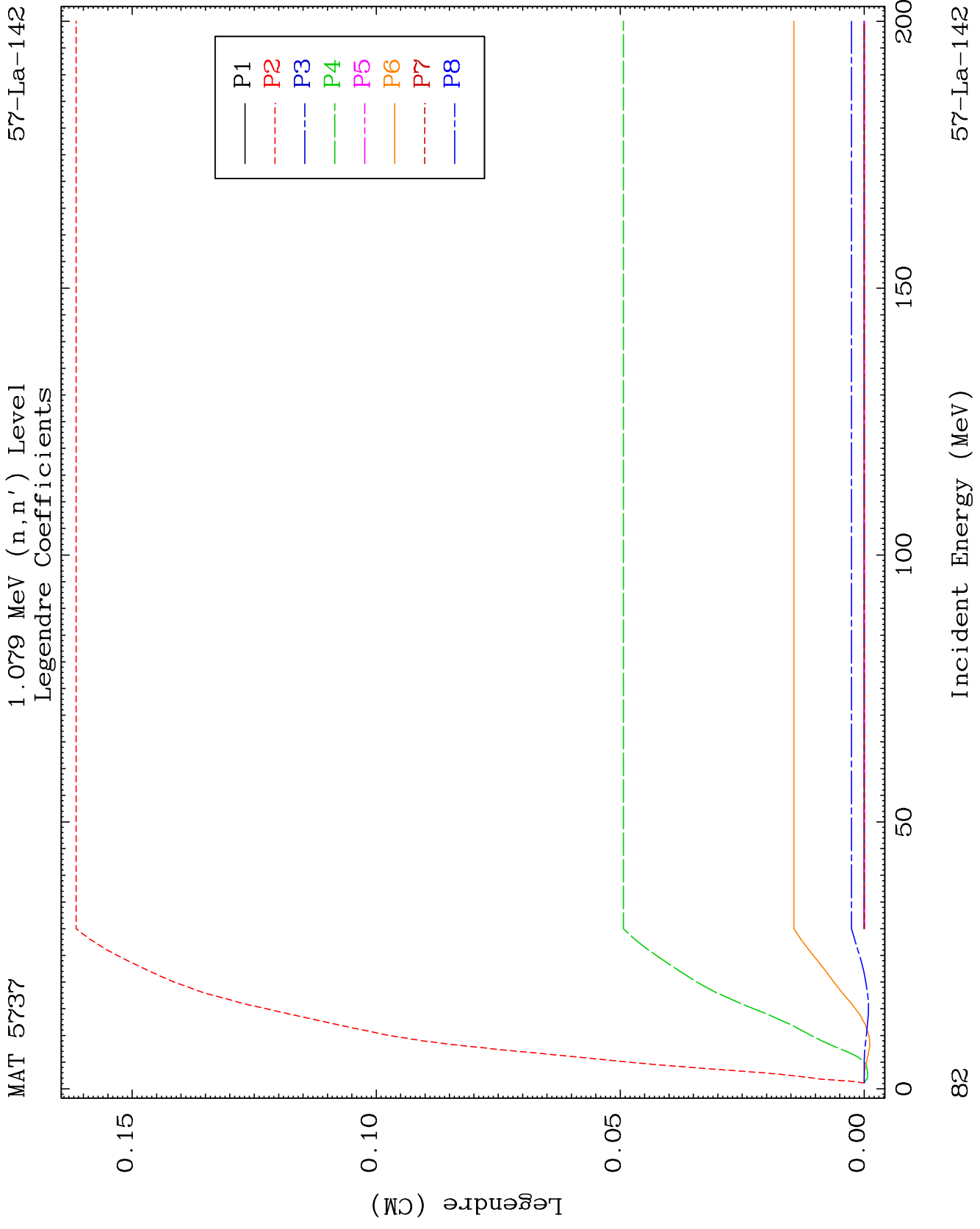


MAT 5737

1.010 MeV (n,n') Level
Legendre Coefficients

57-La-142

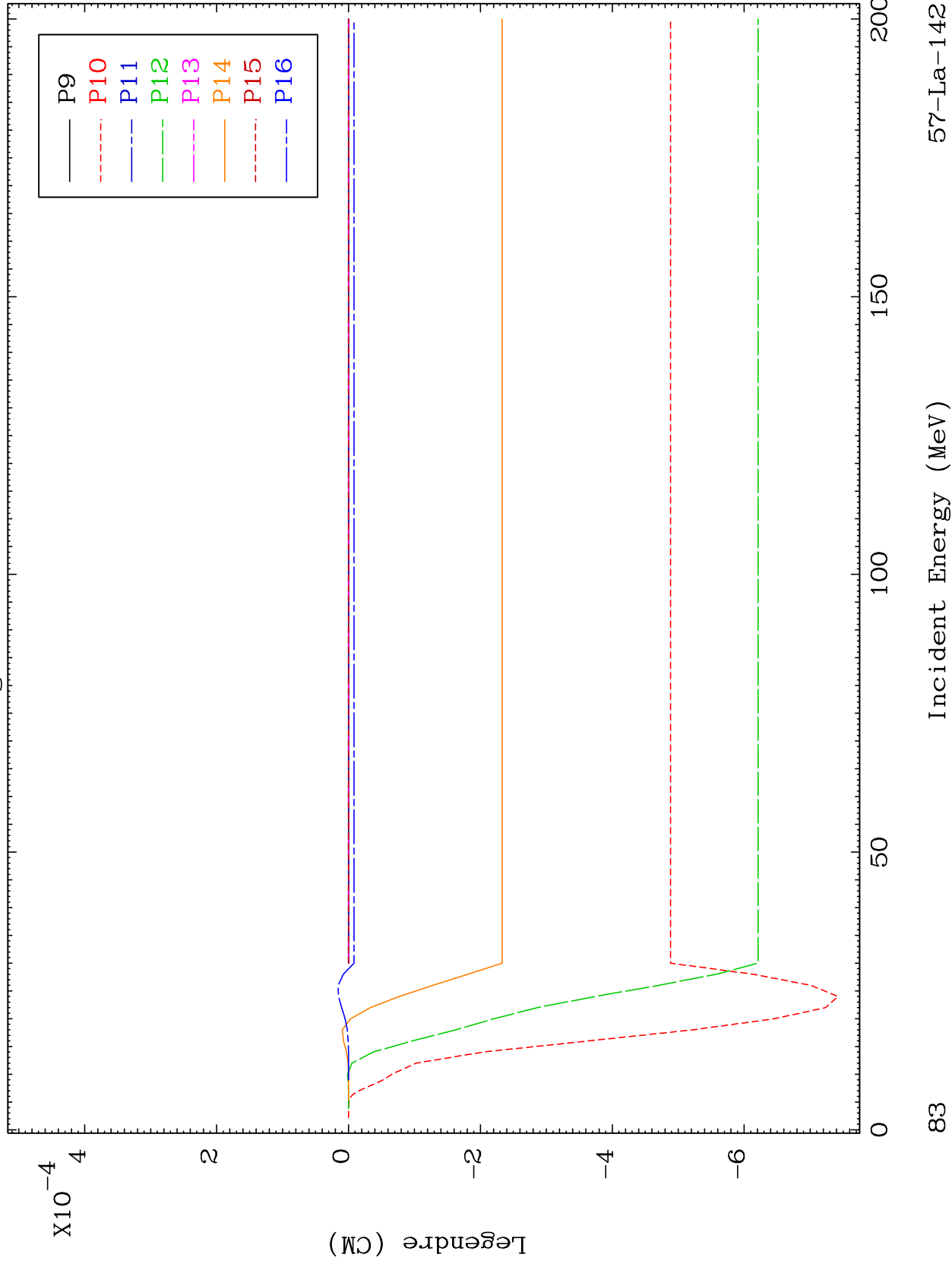




MAT 5737

1.079 MeV (n,n') Level
Legendre Coefficients

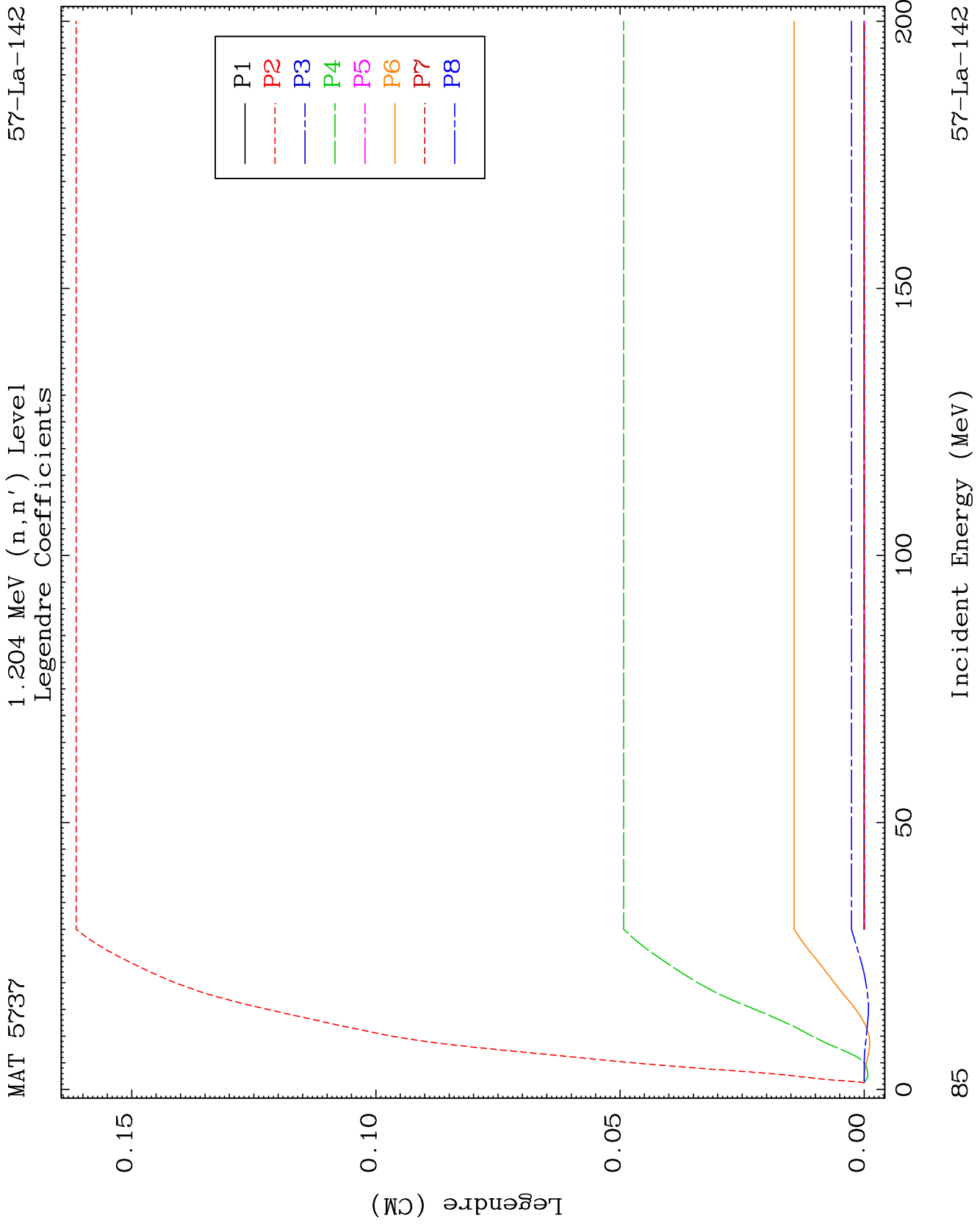
57-La-142

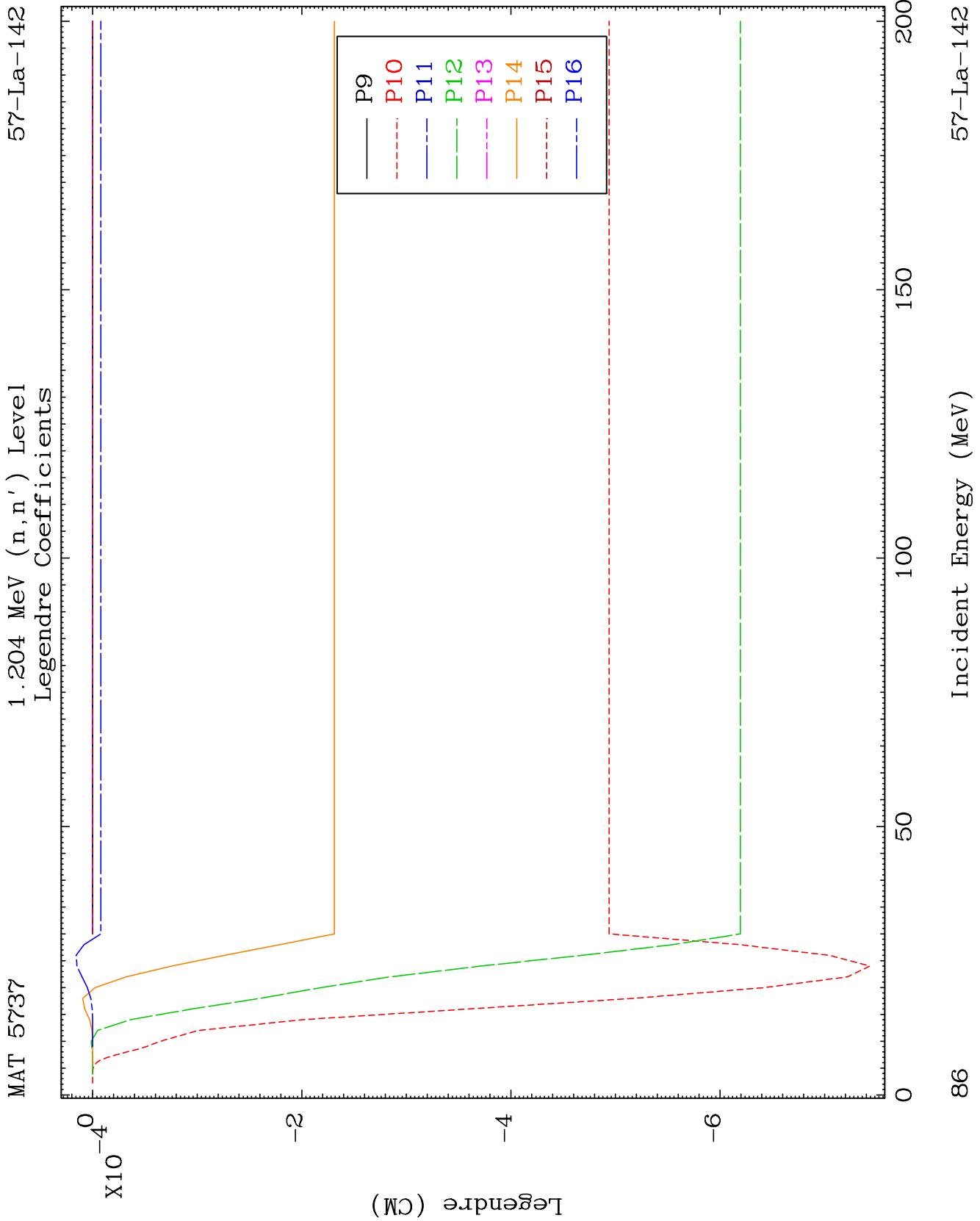


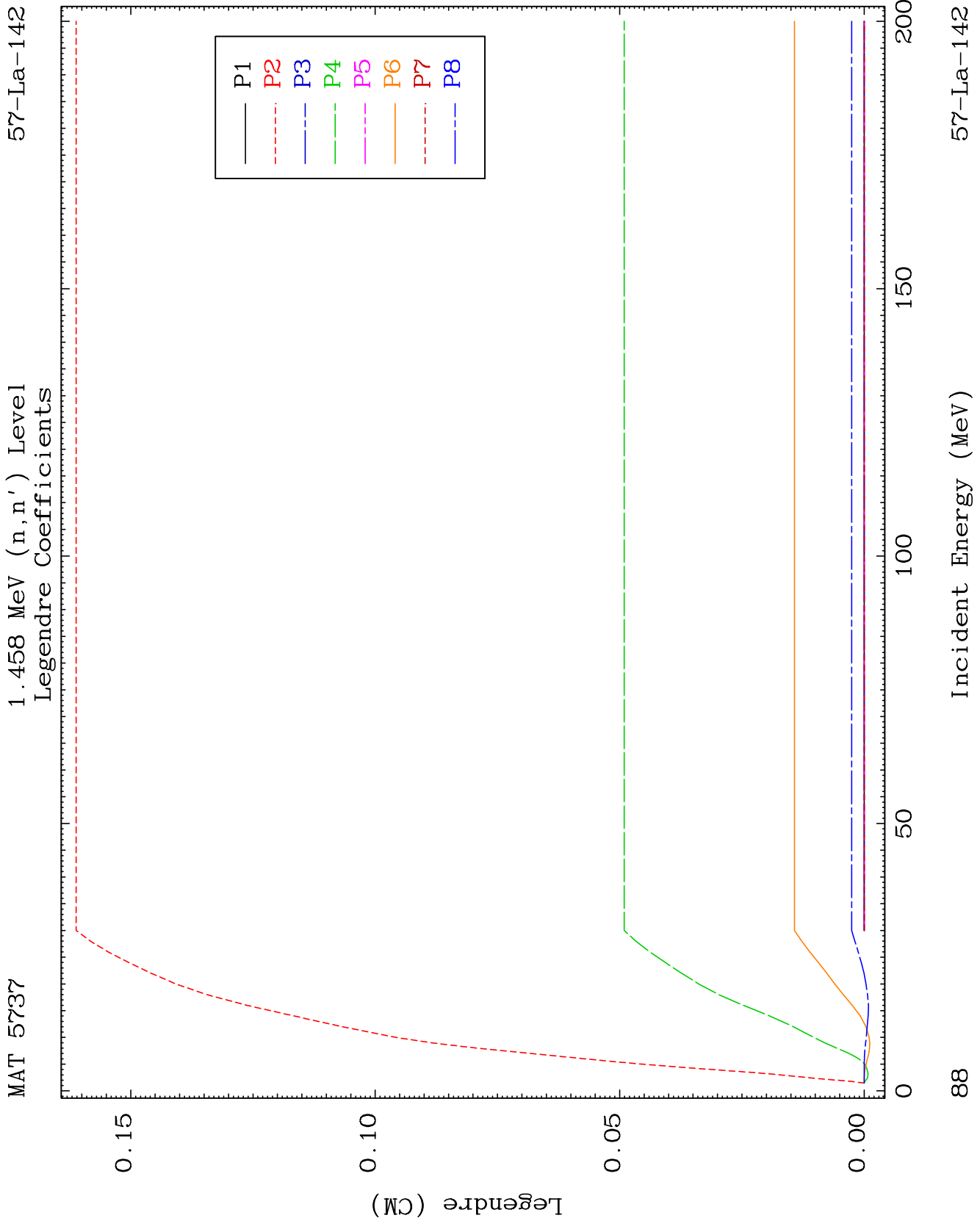
57-La-142

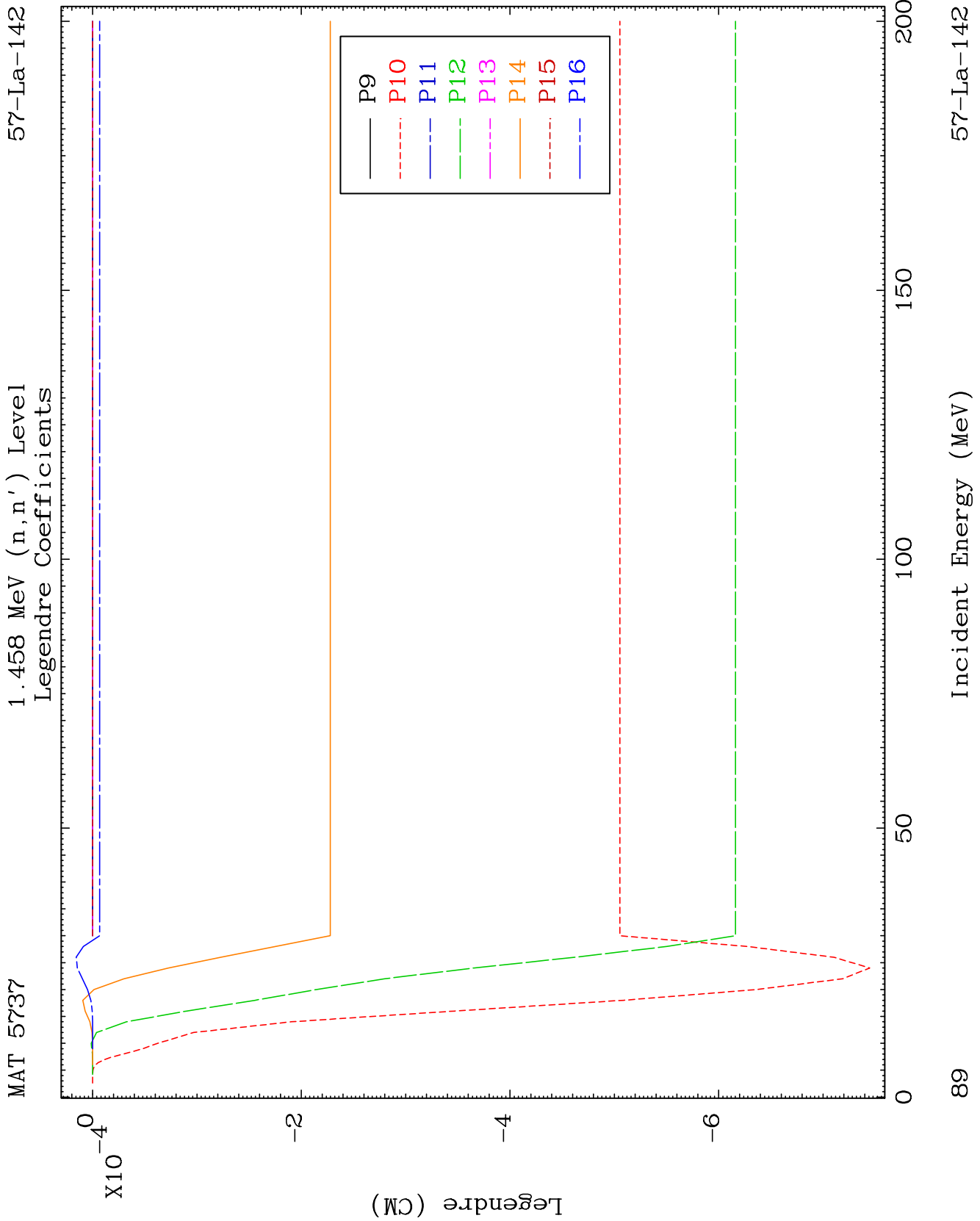
Incident Energy (MeV)

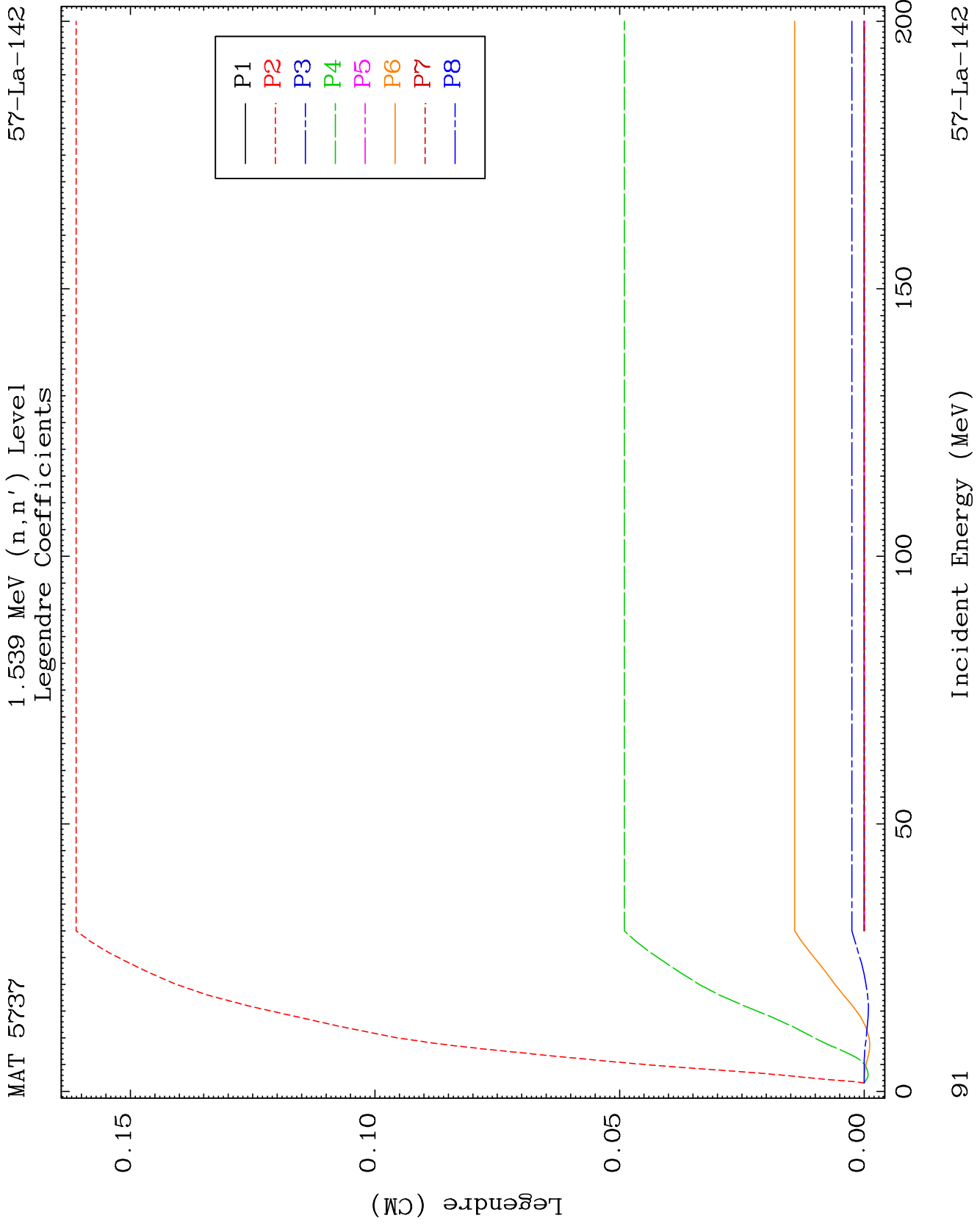
83

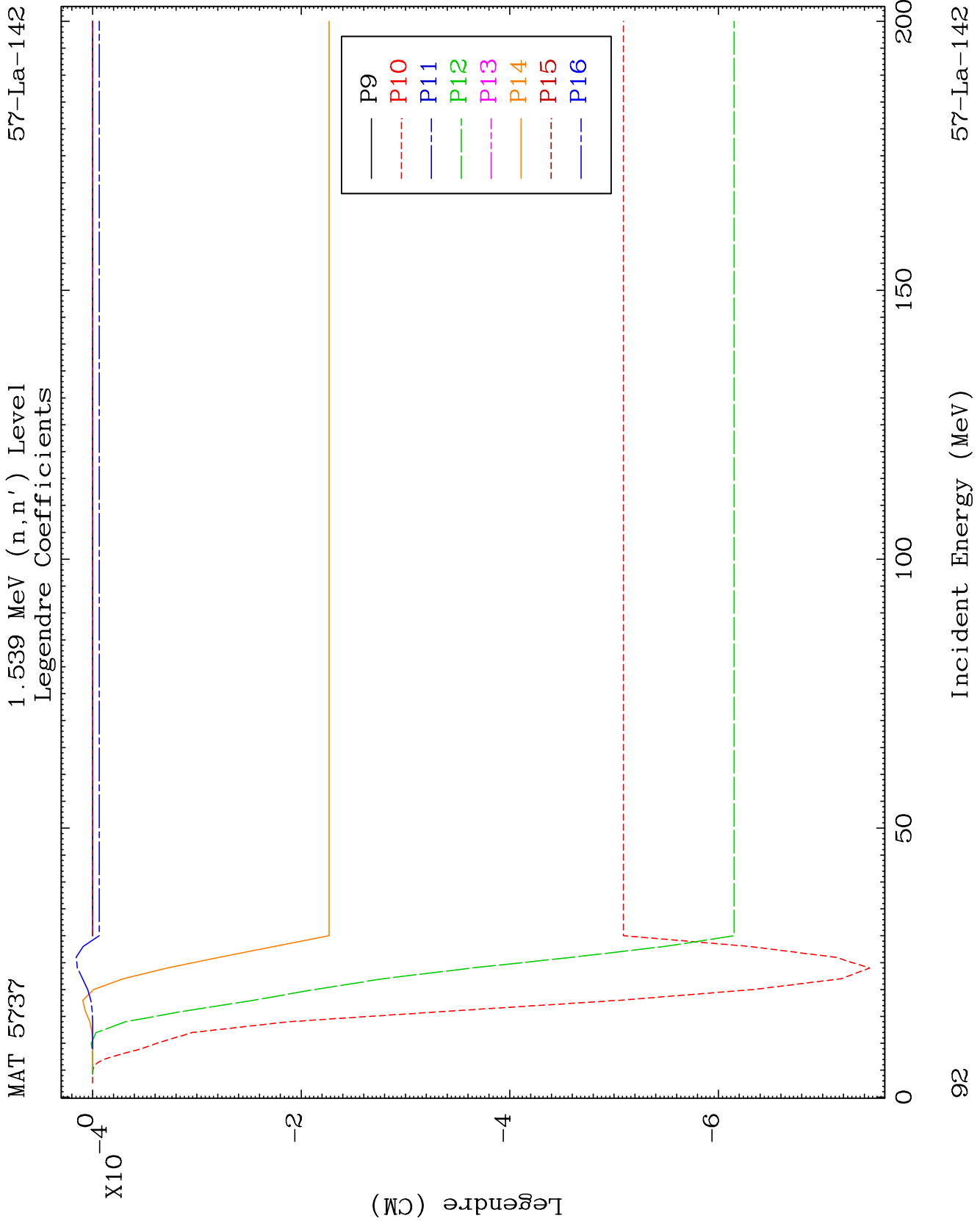








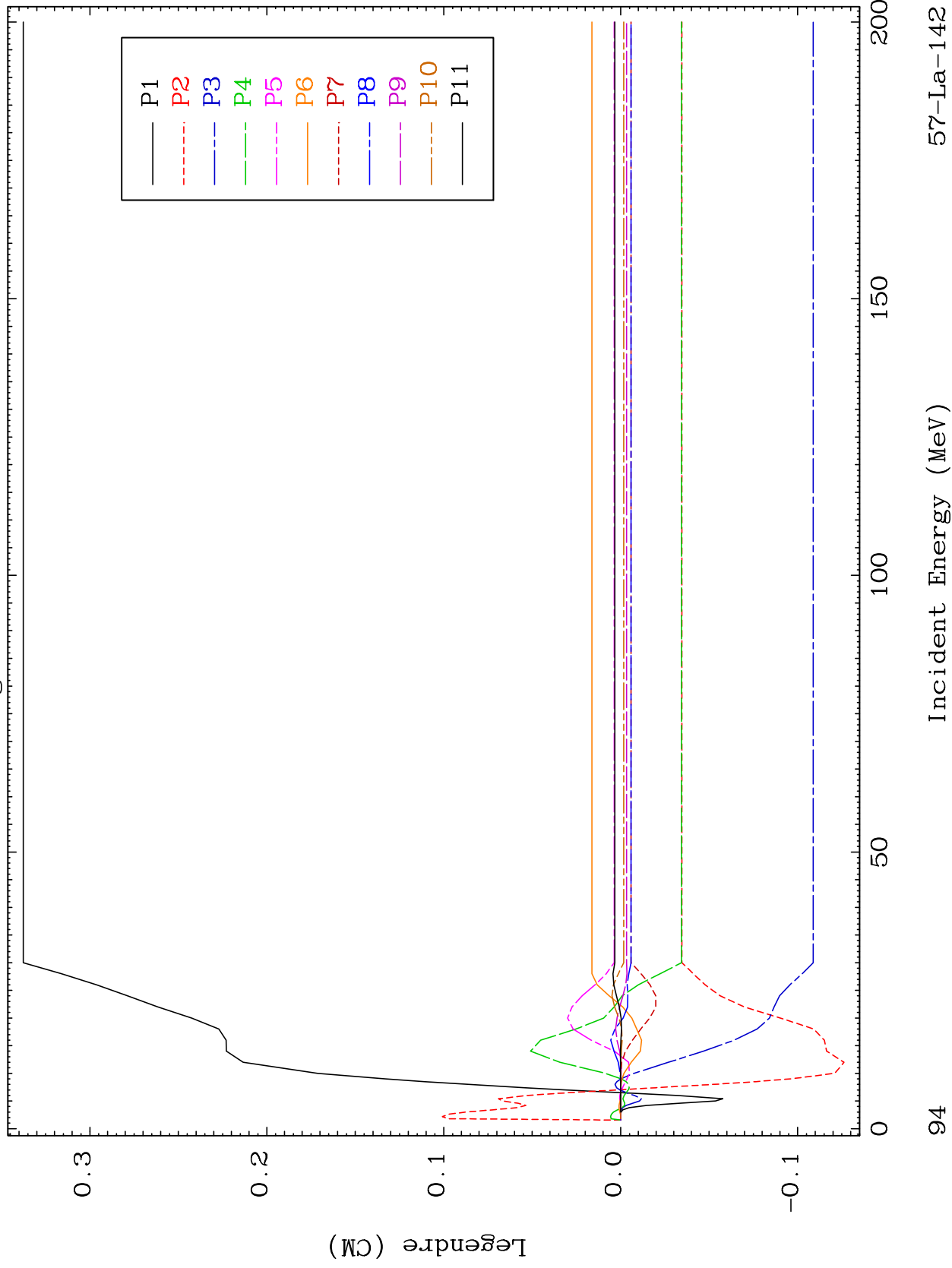




MAT 5737

1.541 MeV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

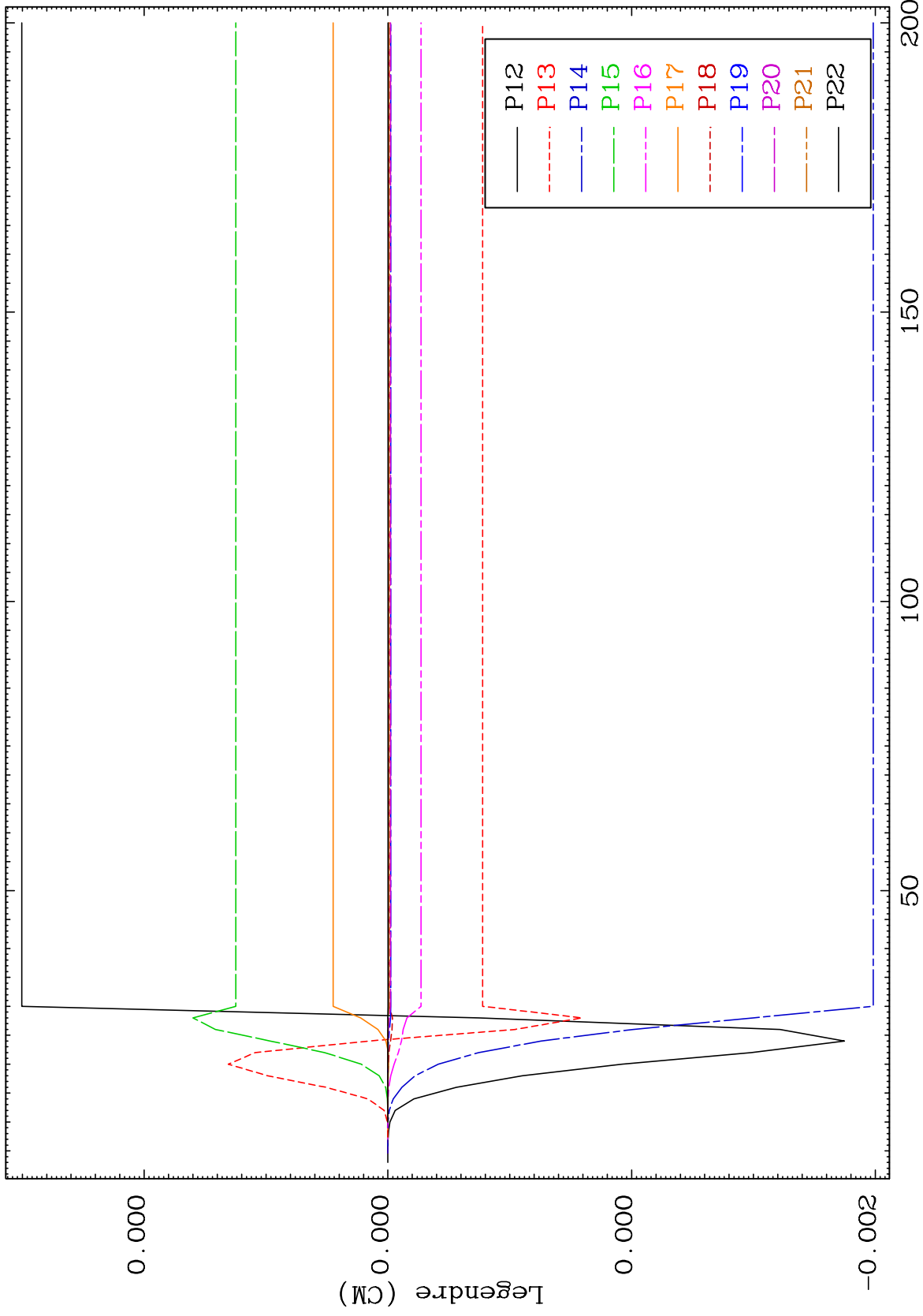
Incident Energy (MeV)

94

MAT 5737

1.541 MeV (n,n') Level
Legendre Coefficients

57-La-142



95

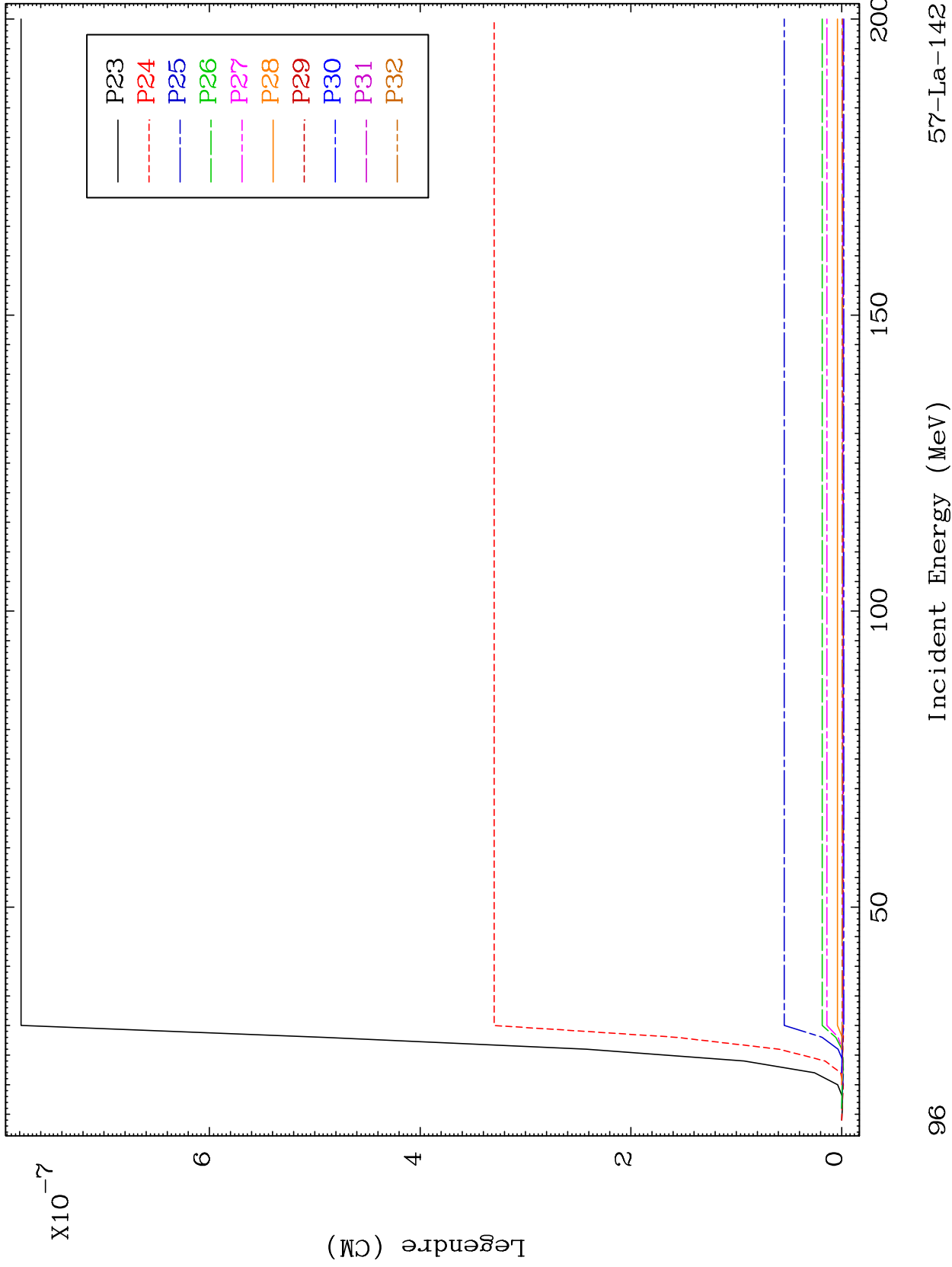
Incident Energy (MeV)

57-La-142

MAT 5737

1.541 MeV (n,n') Level
Legendre Coefficients

57-La-142



96

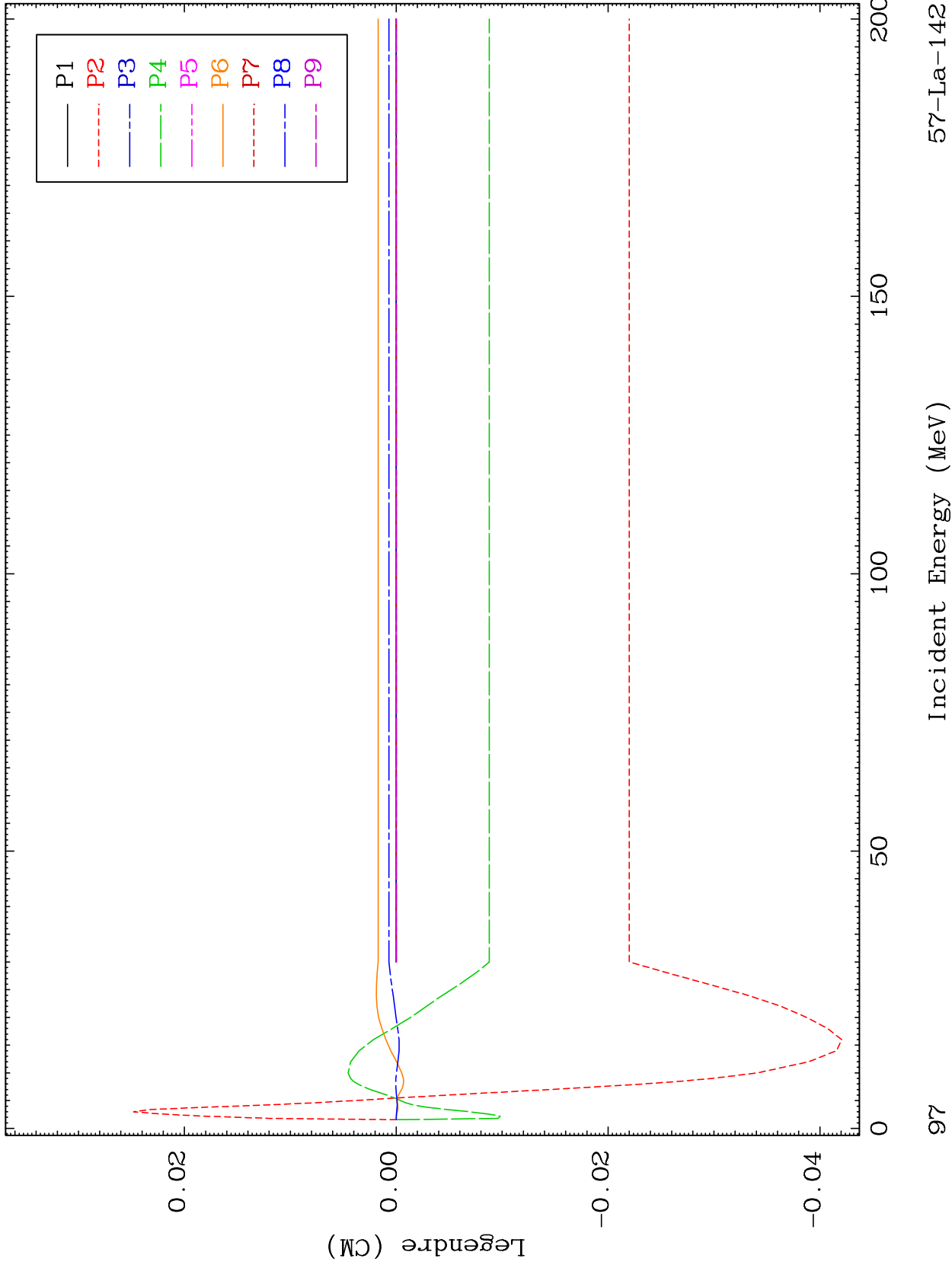
Incident Energy (MeV)

57-La-142

MAT 5737

1.546 MeV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

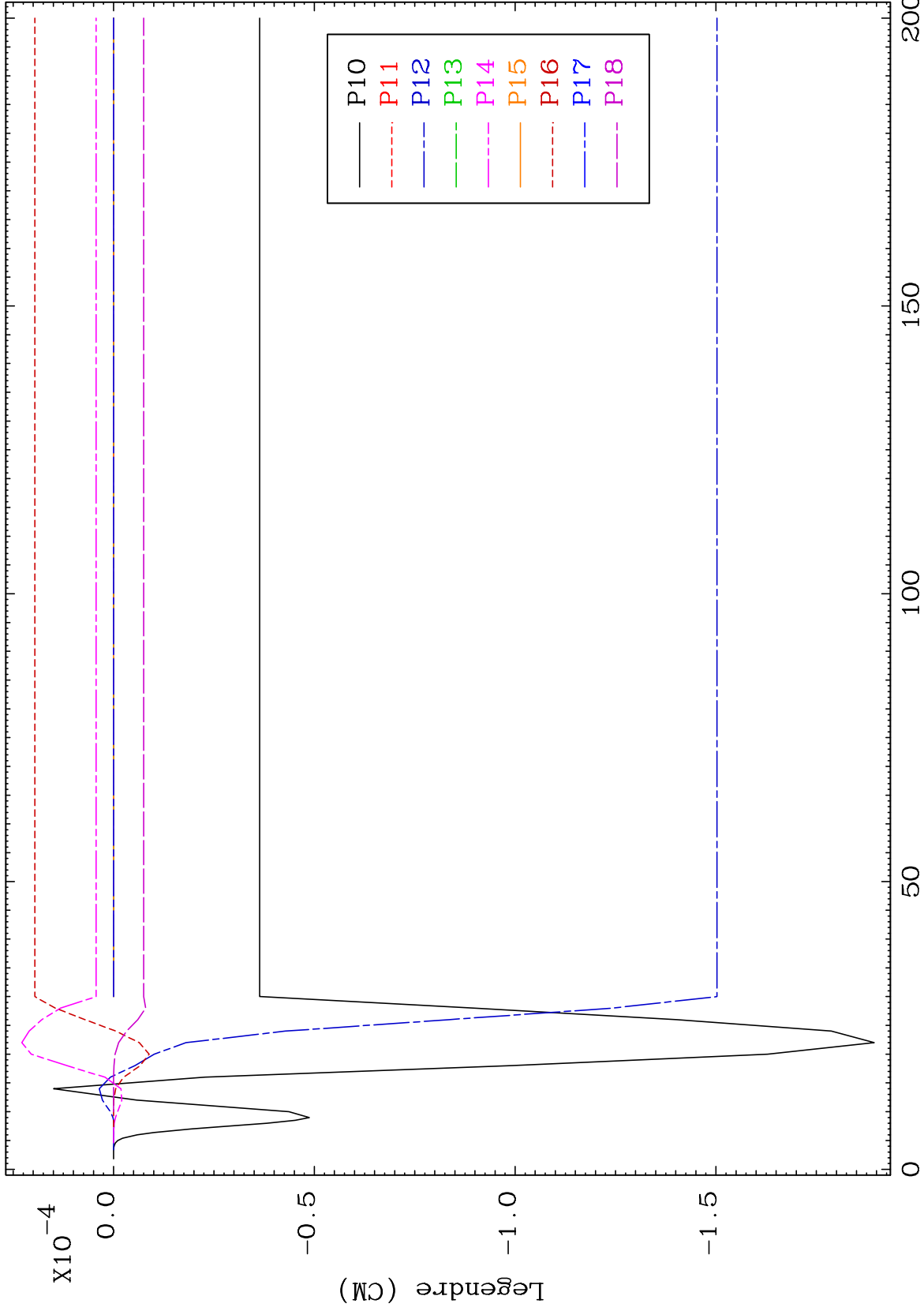
Incident Energy (MeV)

97

MAT 5737

1.546 MeV (n,n') Level
Legendre Coefficients

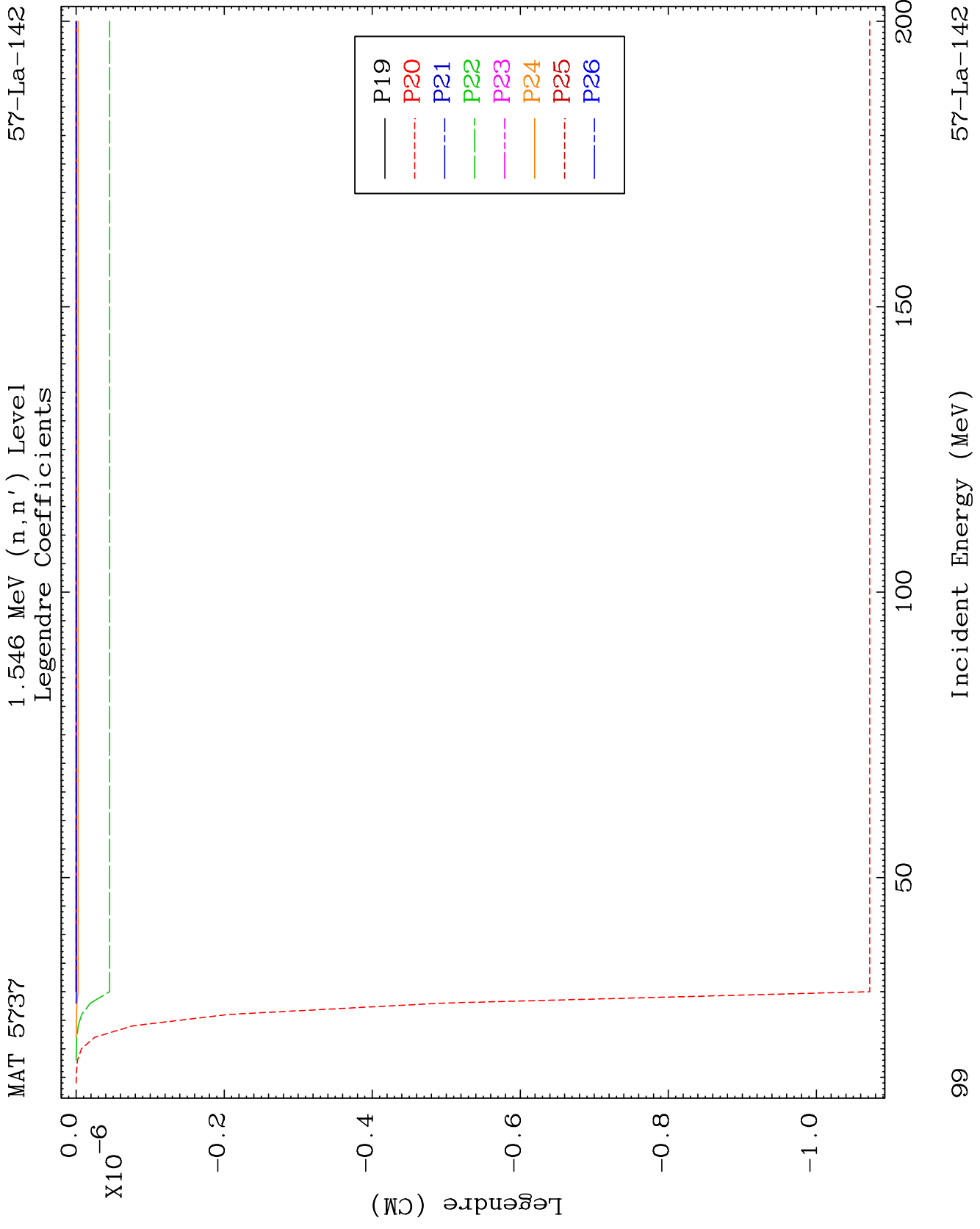
57-La-142



98

Incident Energy (MeV)

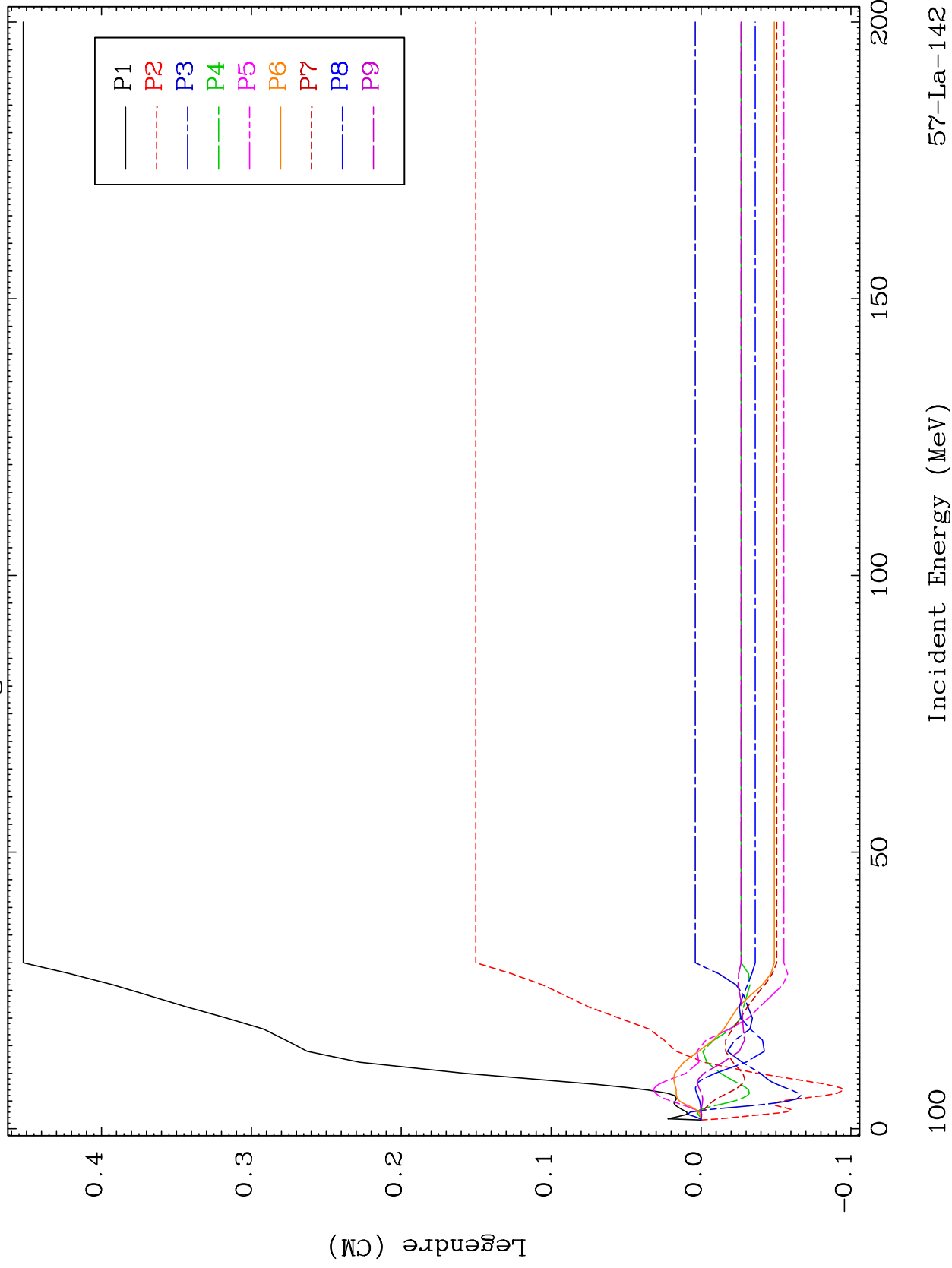
57-La-142



MAT 5737

1.547 MeV (n,n') Level
Legendre Coefficients

57-La-142

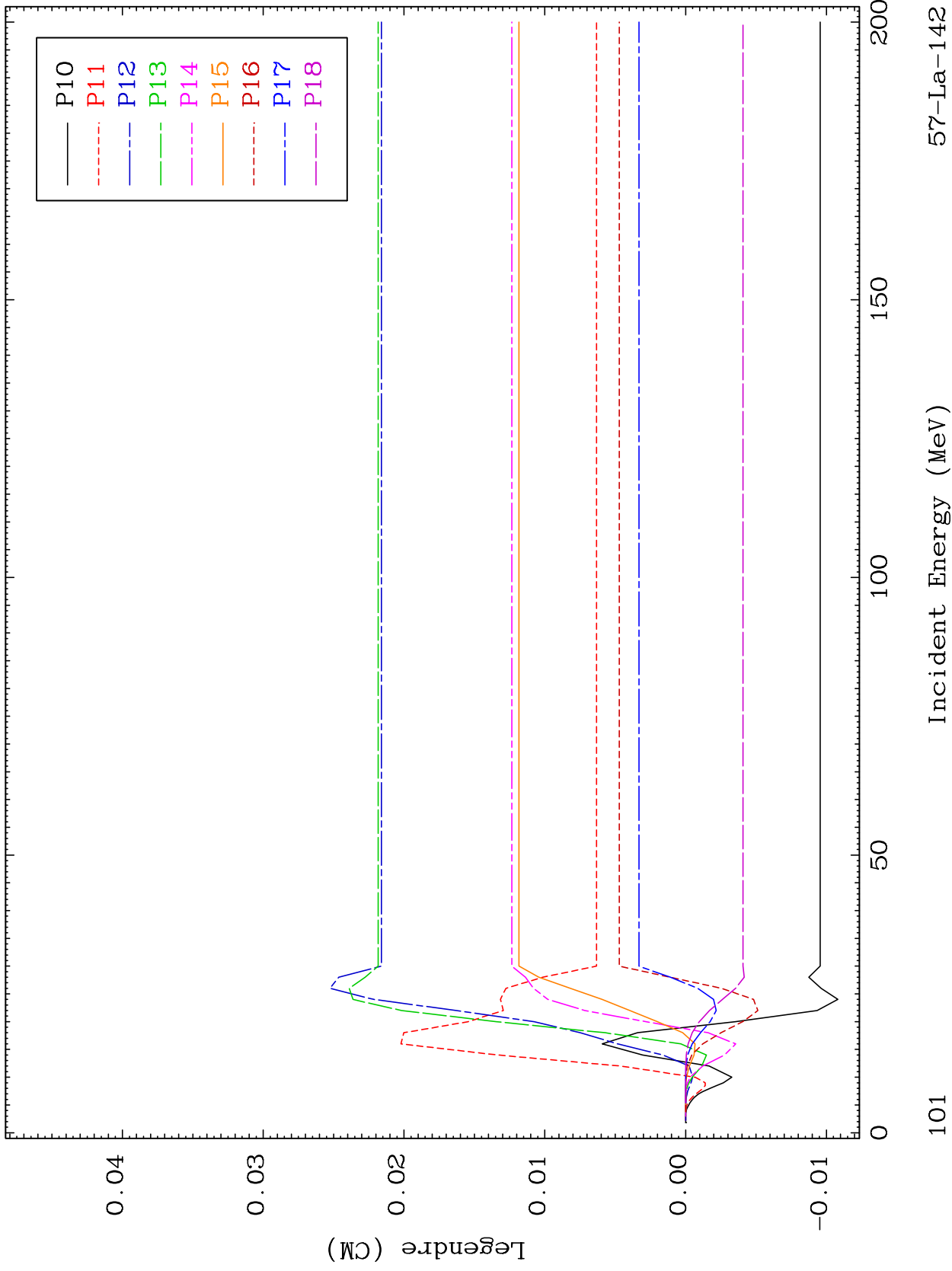


57-La-142

MAT 5737

1.547 MeV (n,n') Level
Legendre Coefficients

57-La-142



101

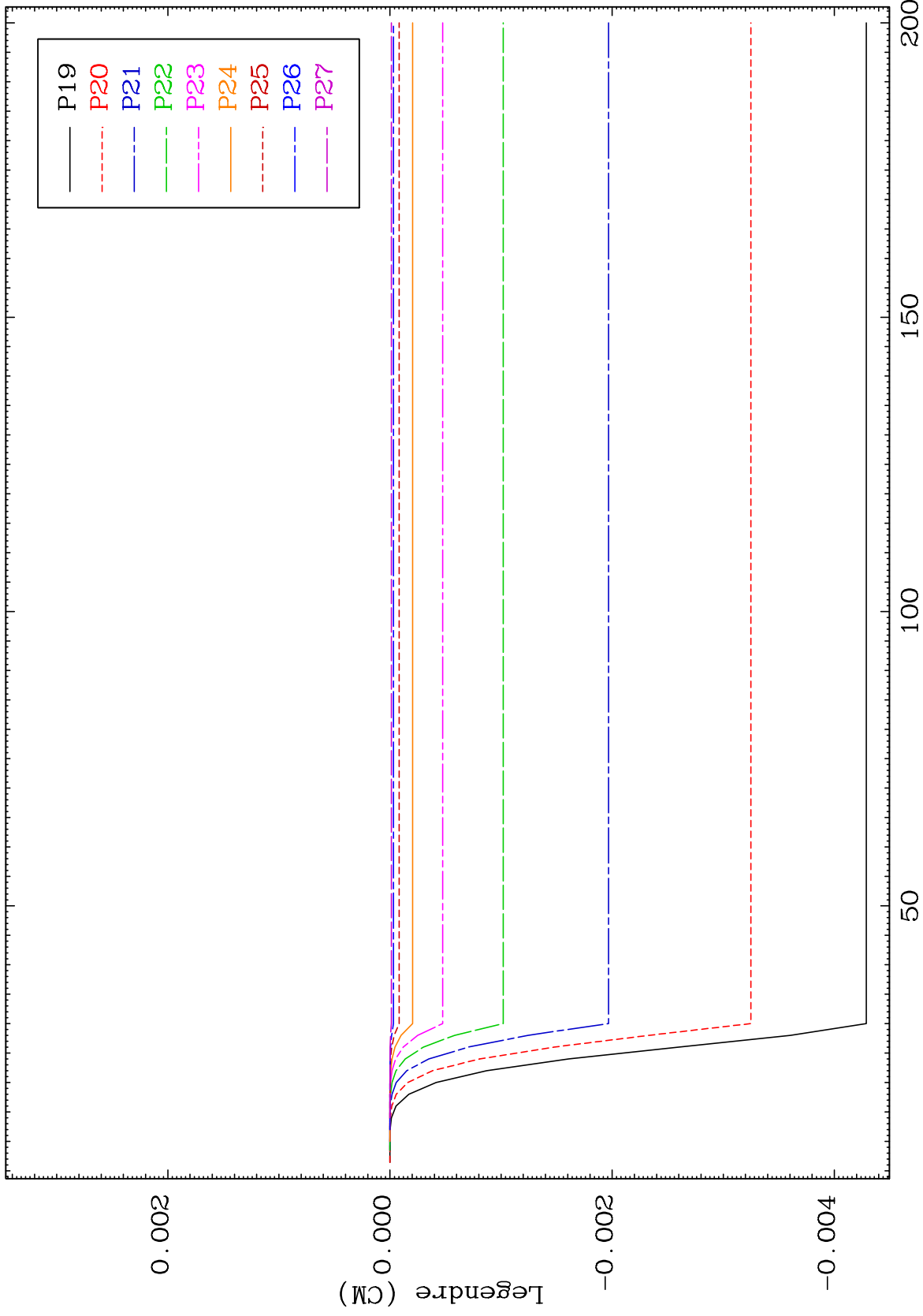
Incident Energy (MeV)

57-La-142

MAT 5737

1.547 MeV (n,n') Level
Legendre Coefficients

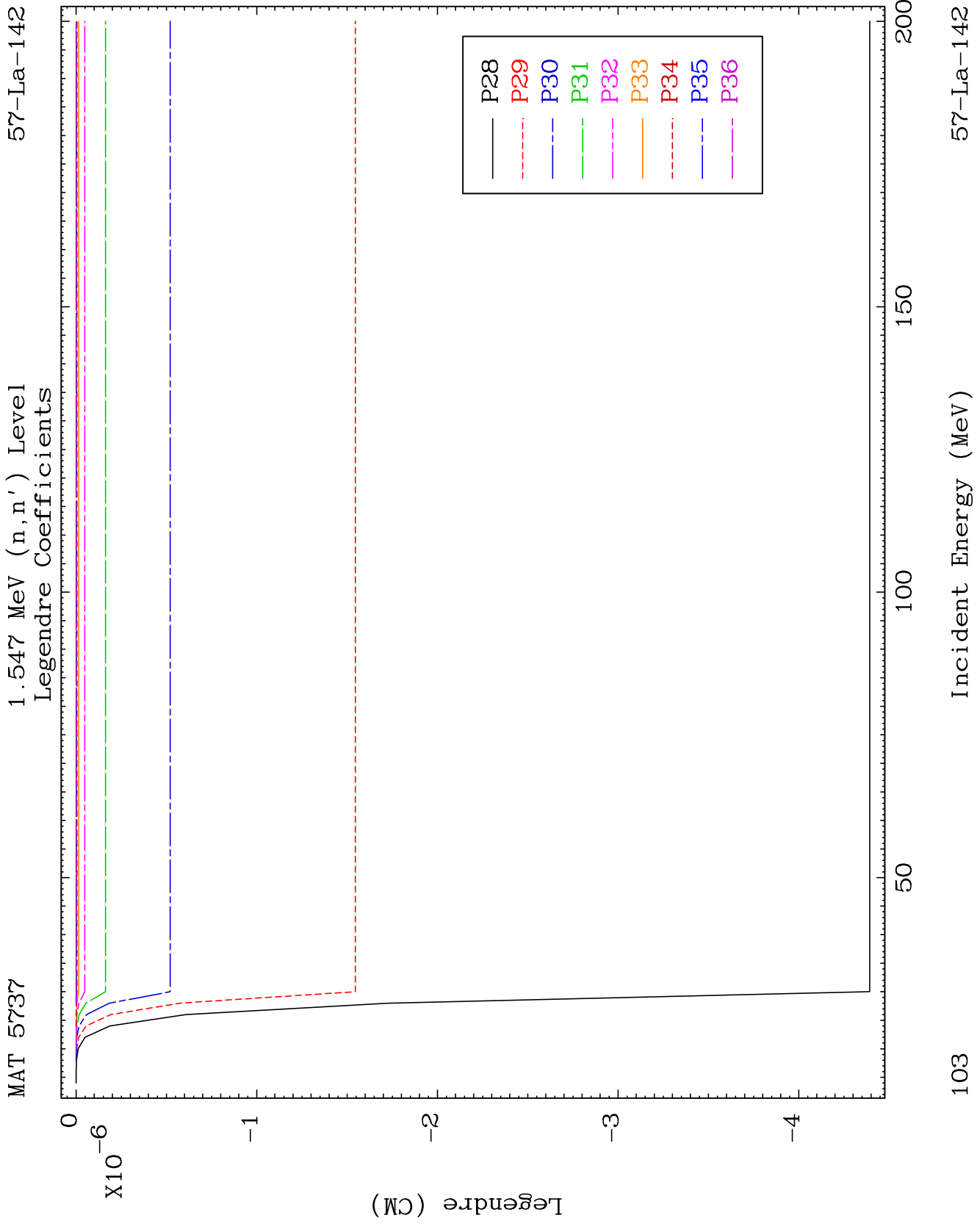
57-La-142

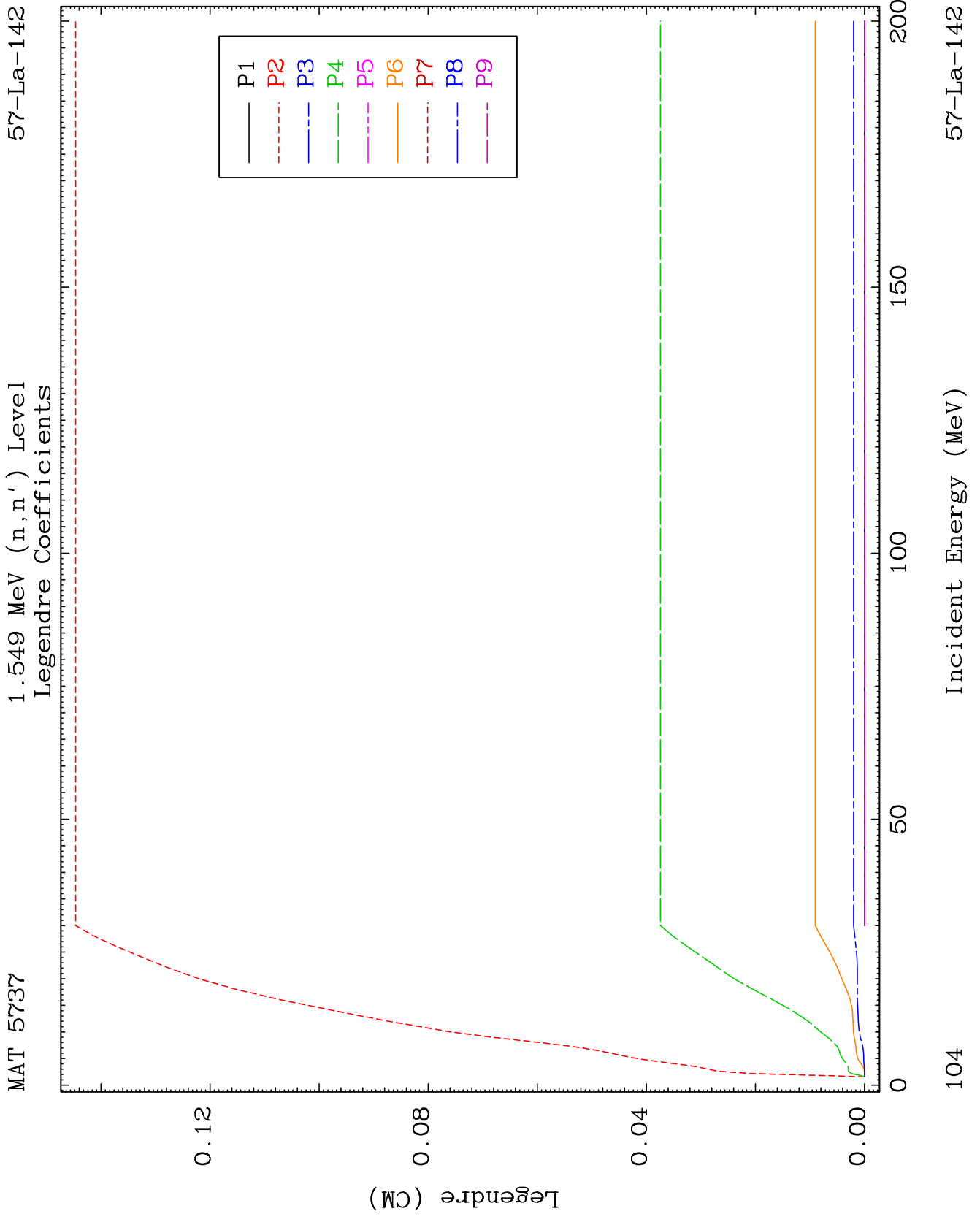


102

Incident Energy (MeV)

57-La-142

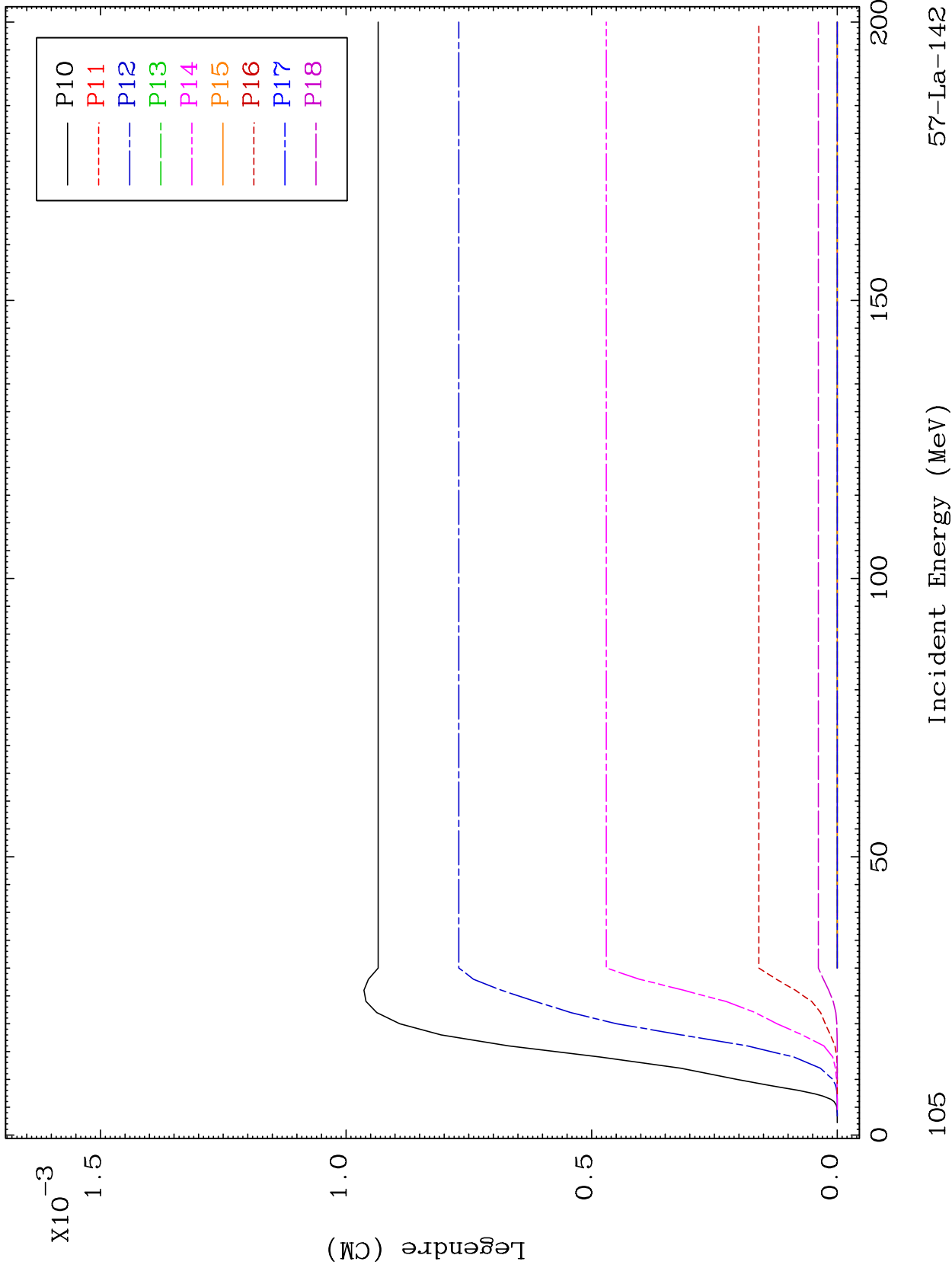




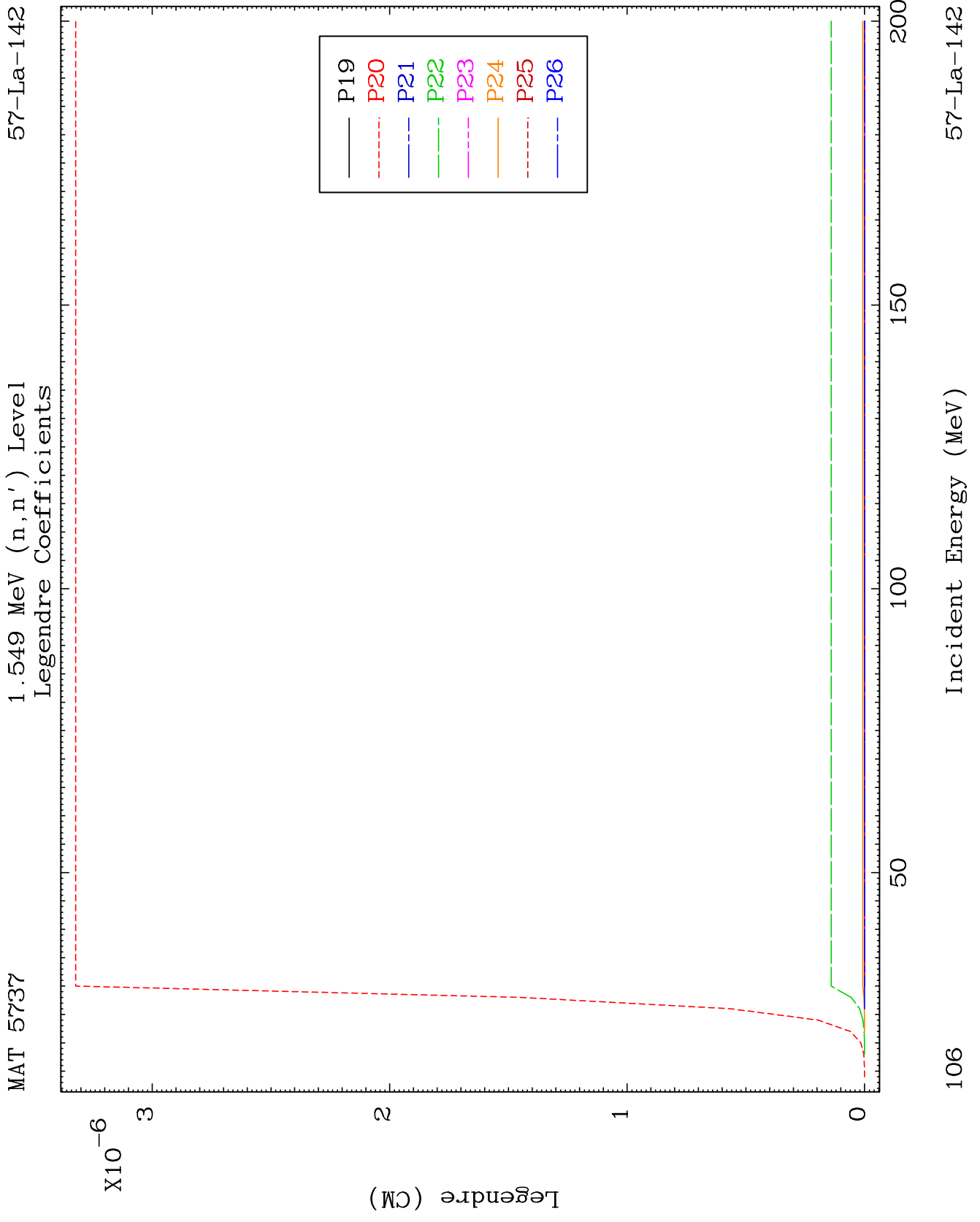
MAT 5737

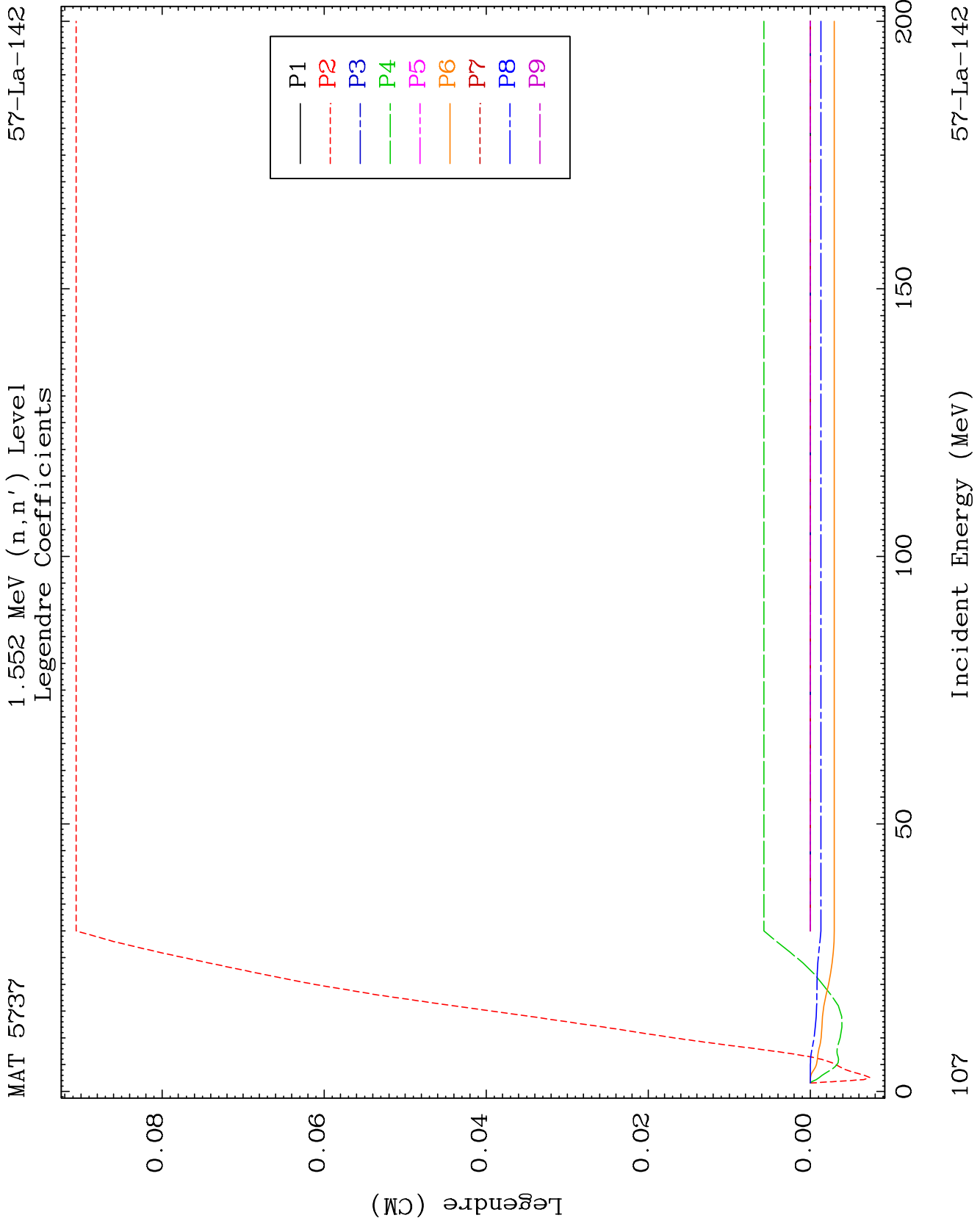
1.549 MeV (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

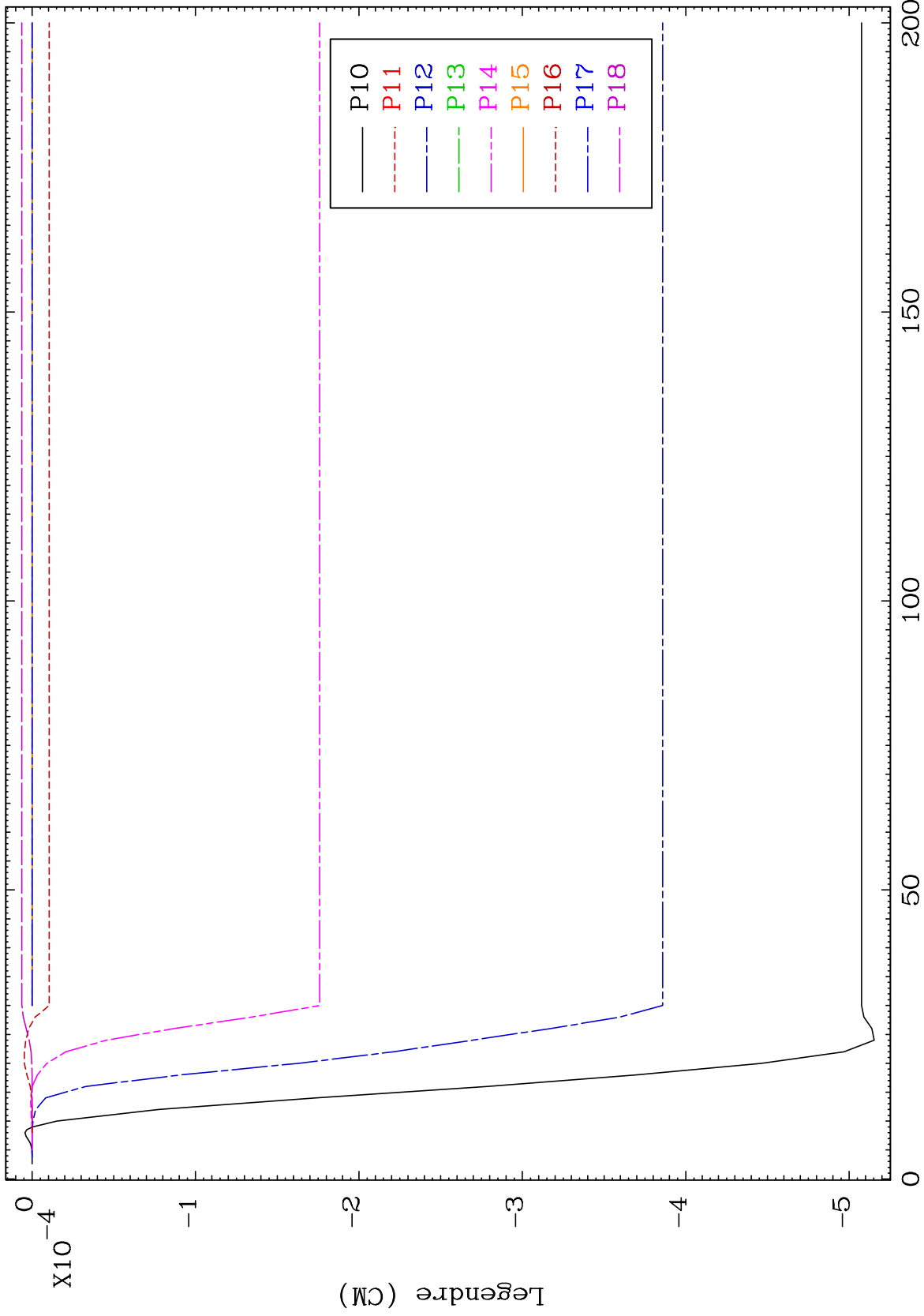




MAT 5737

1.552 MeV (n, n') Level
Legendre Coefficients

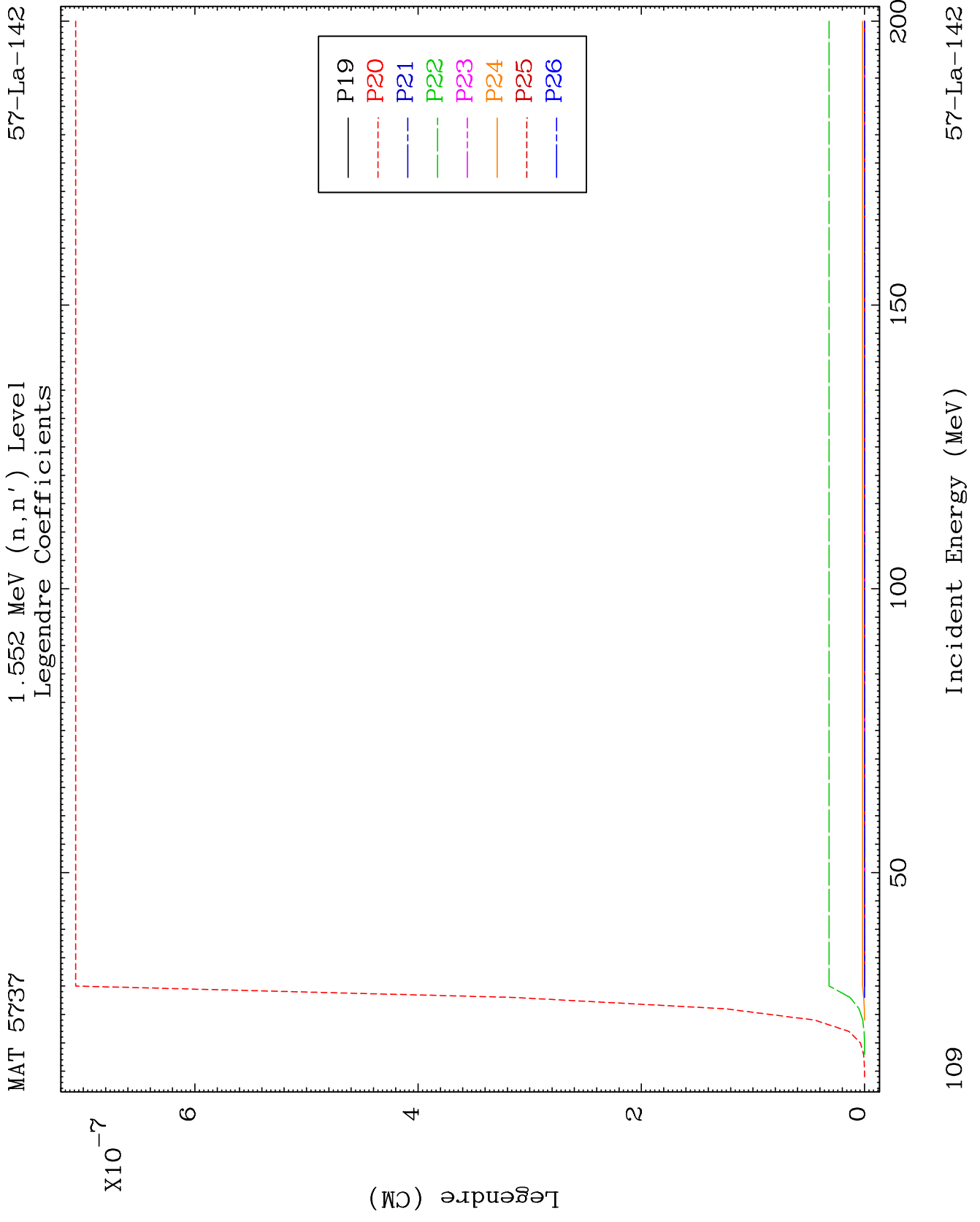
57-La-142

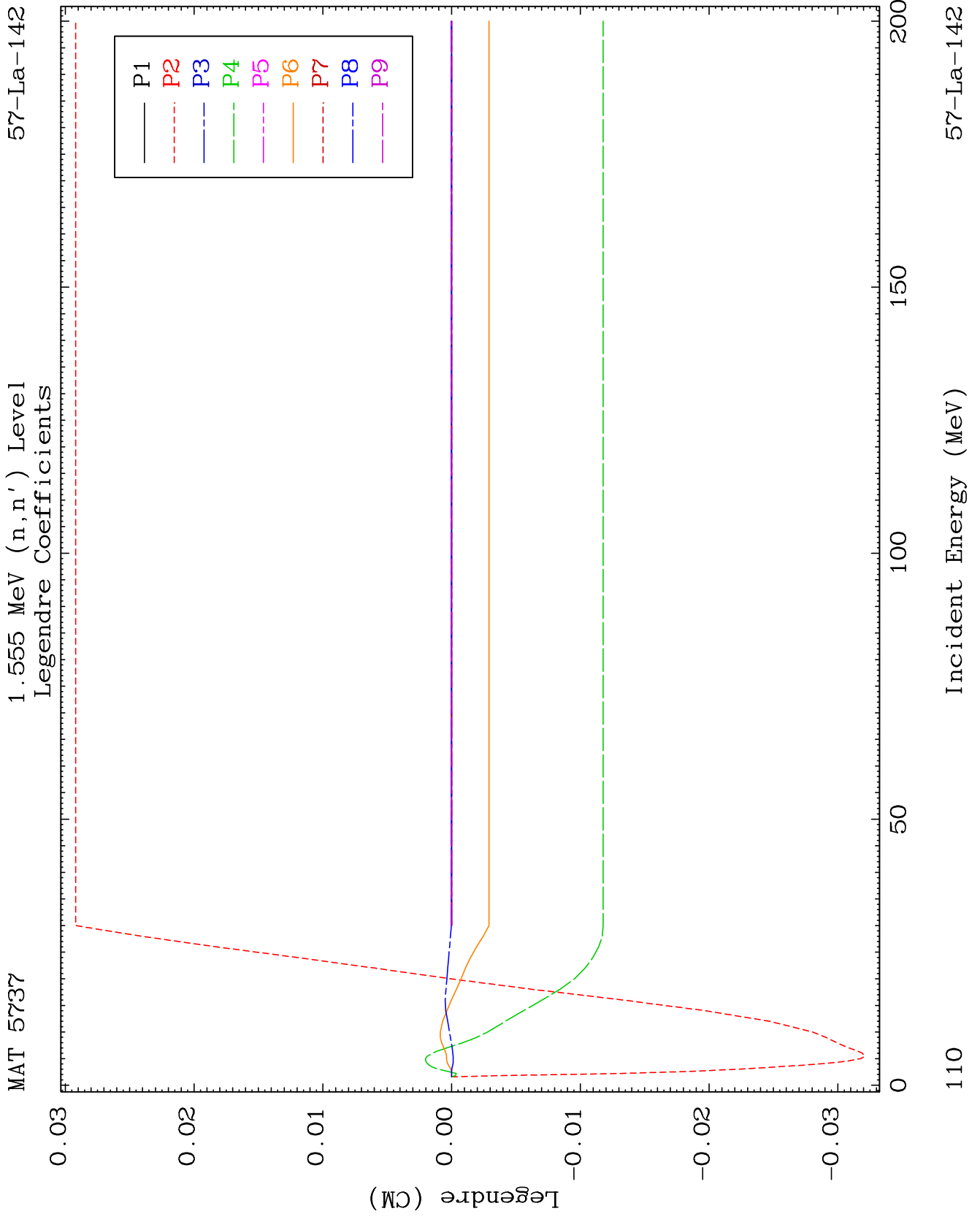


108

Incident Energy (MeV)

57-La-142

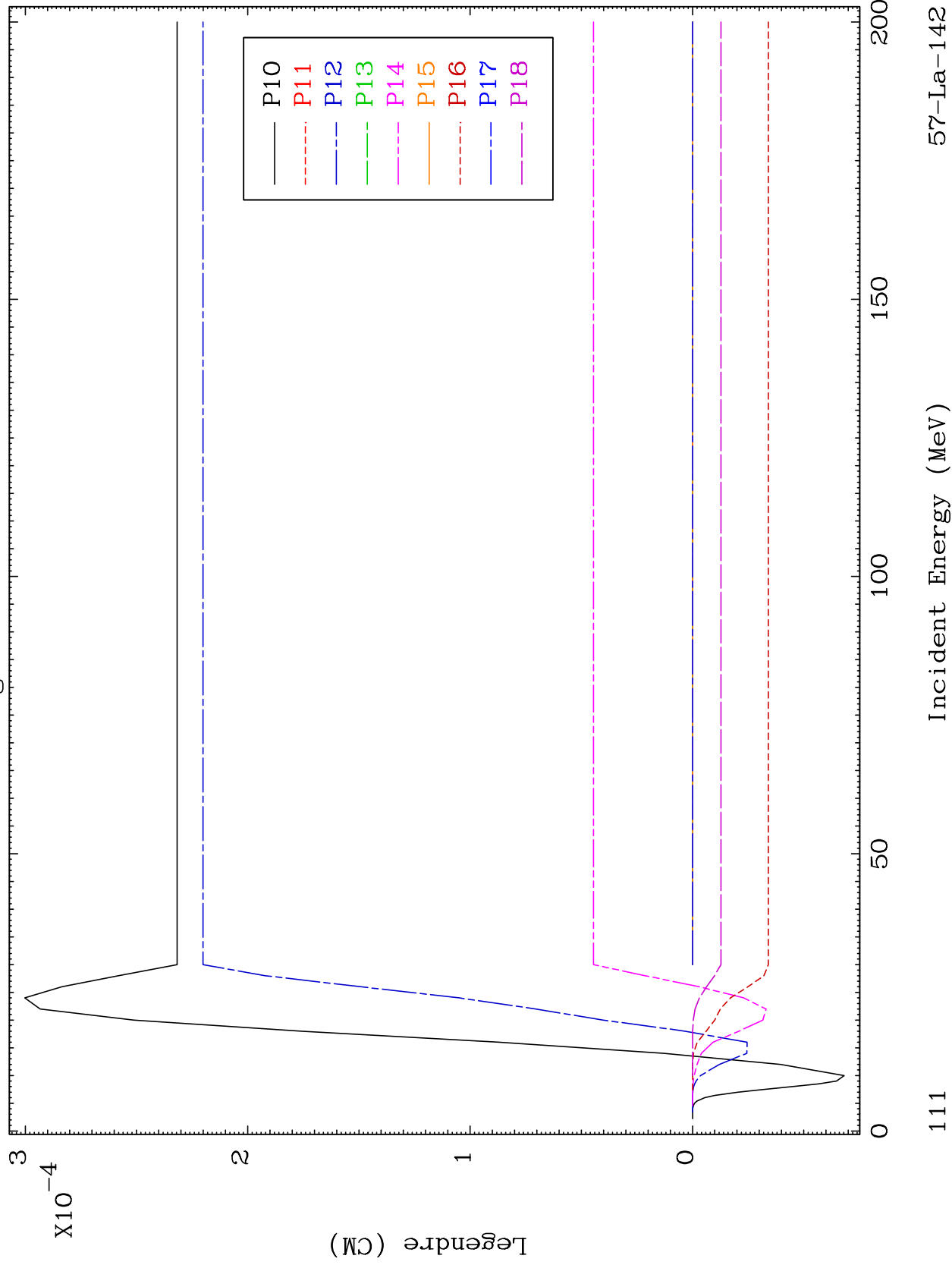




MAT 5737

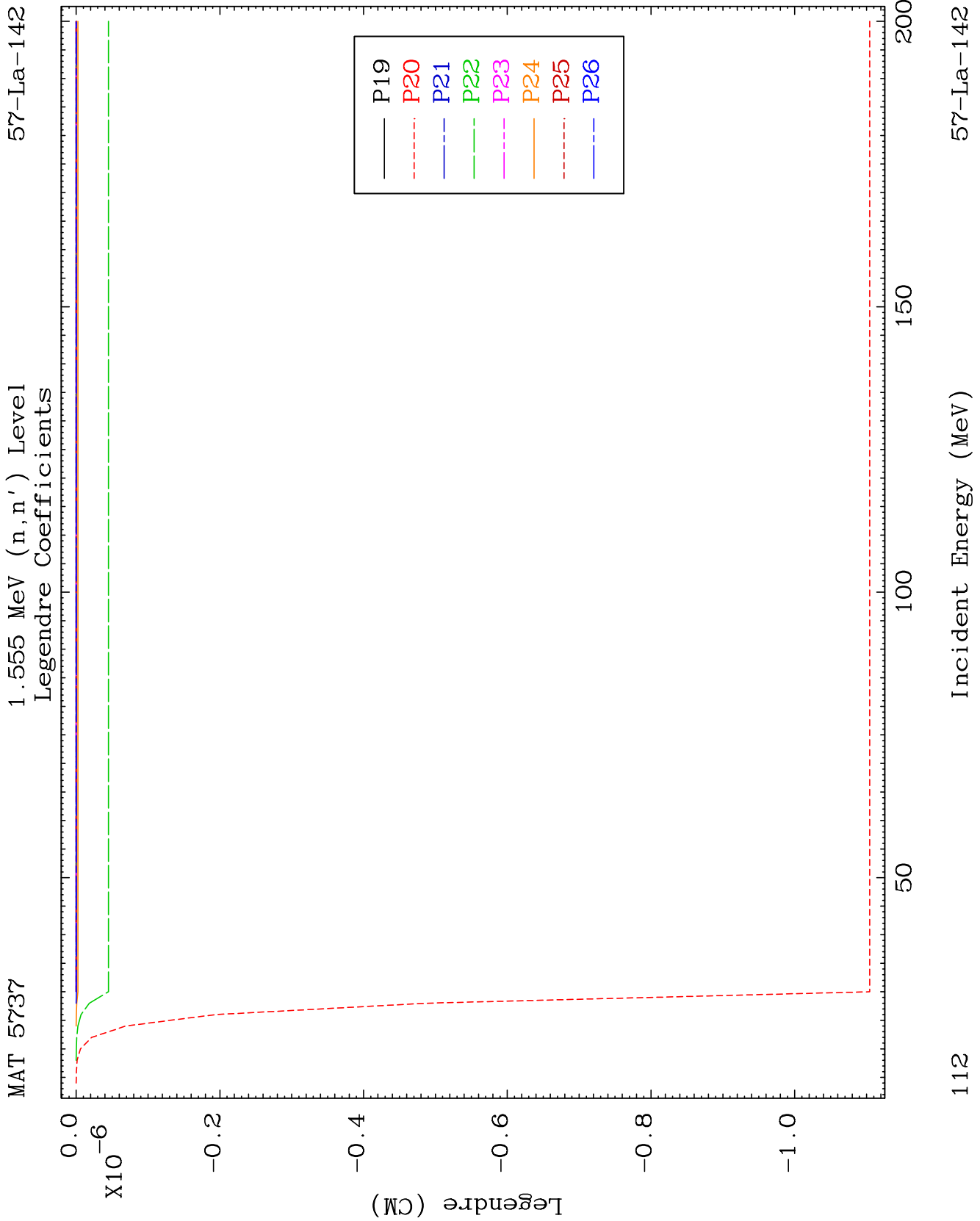
1.555 MeV (n,n') Level
Legendre Coefficients

57-La-142



111

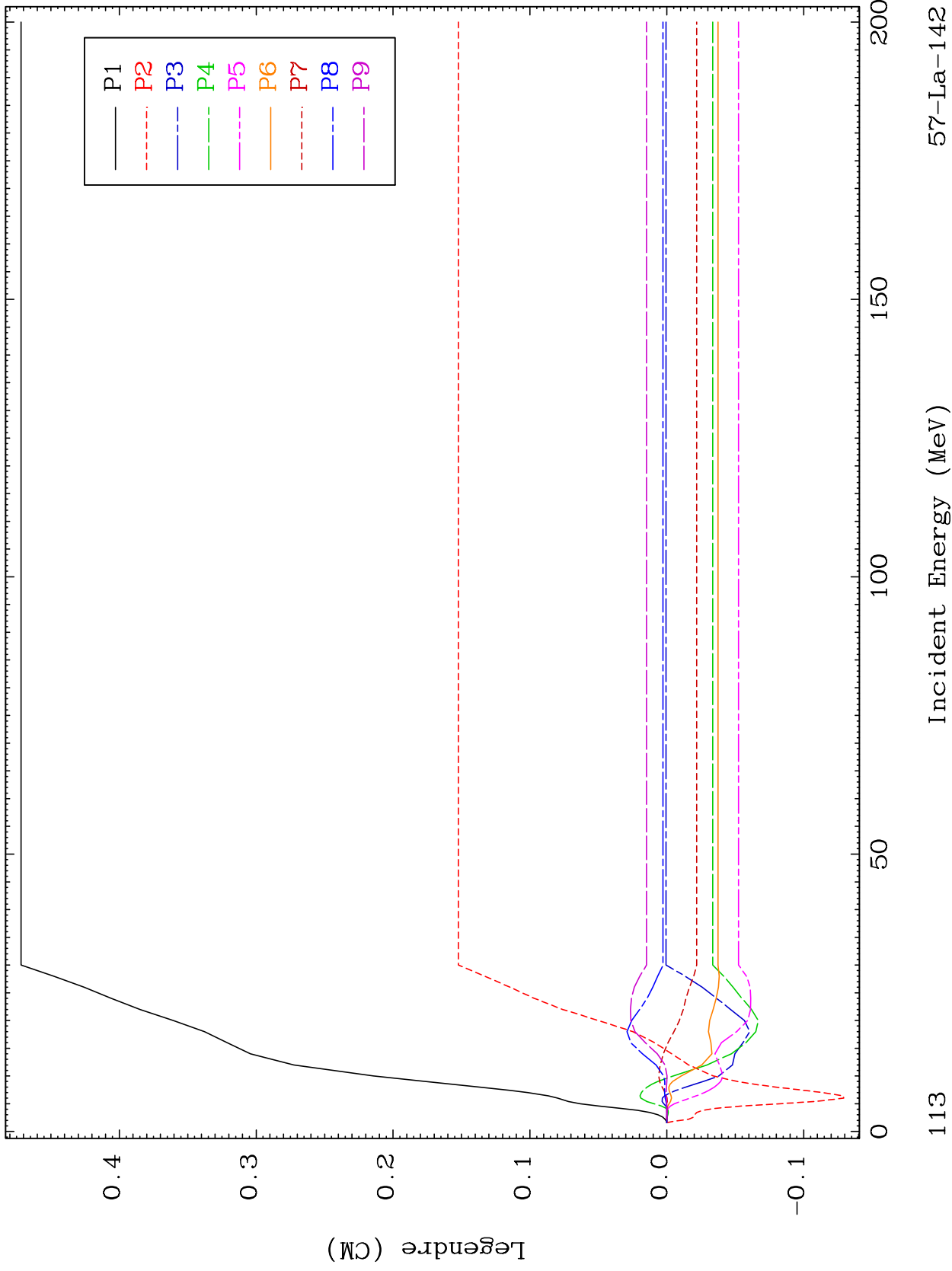
57-La-142



MAT 5737

1.560 MeV (n,n') Level
Legendre Coefficients

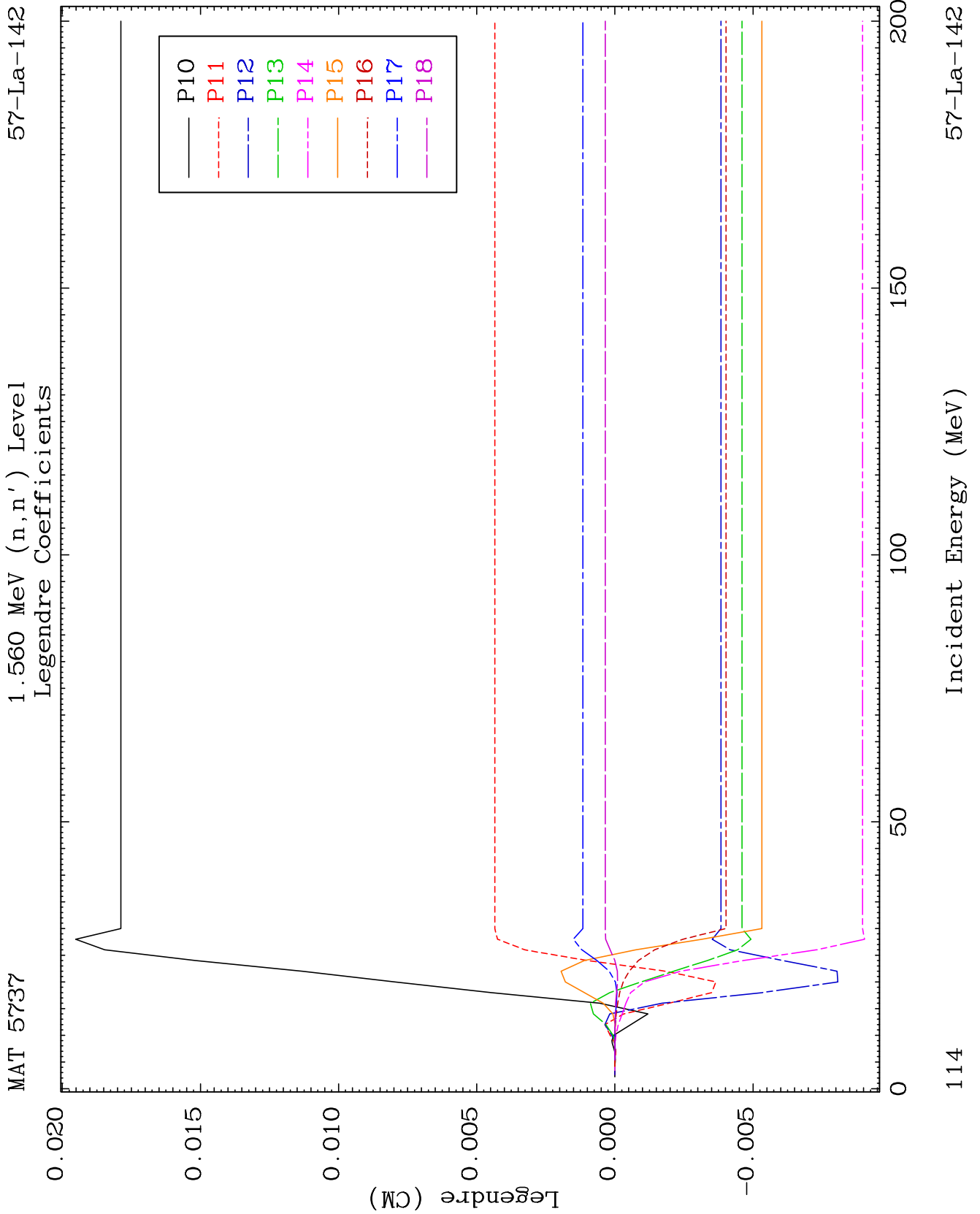
57-La-142



57-La-142

Incident Energy (MeV)

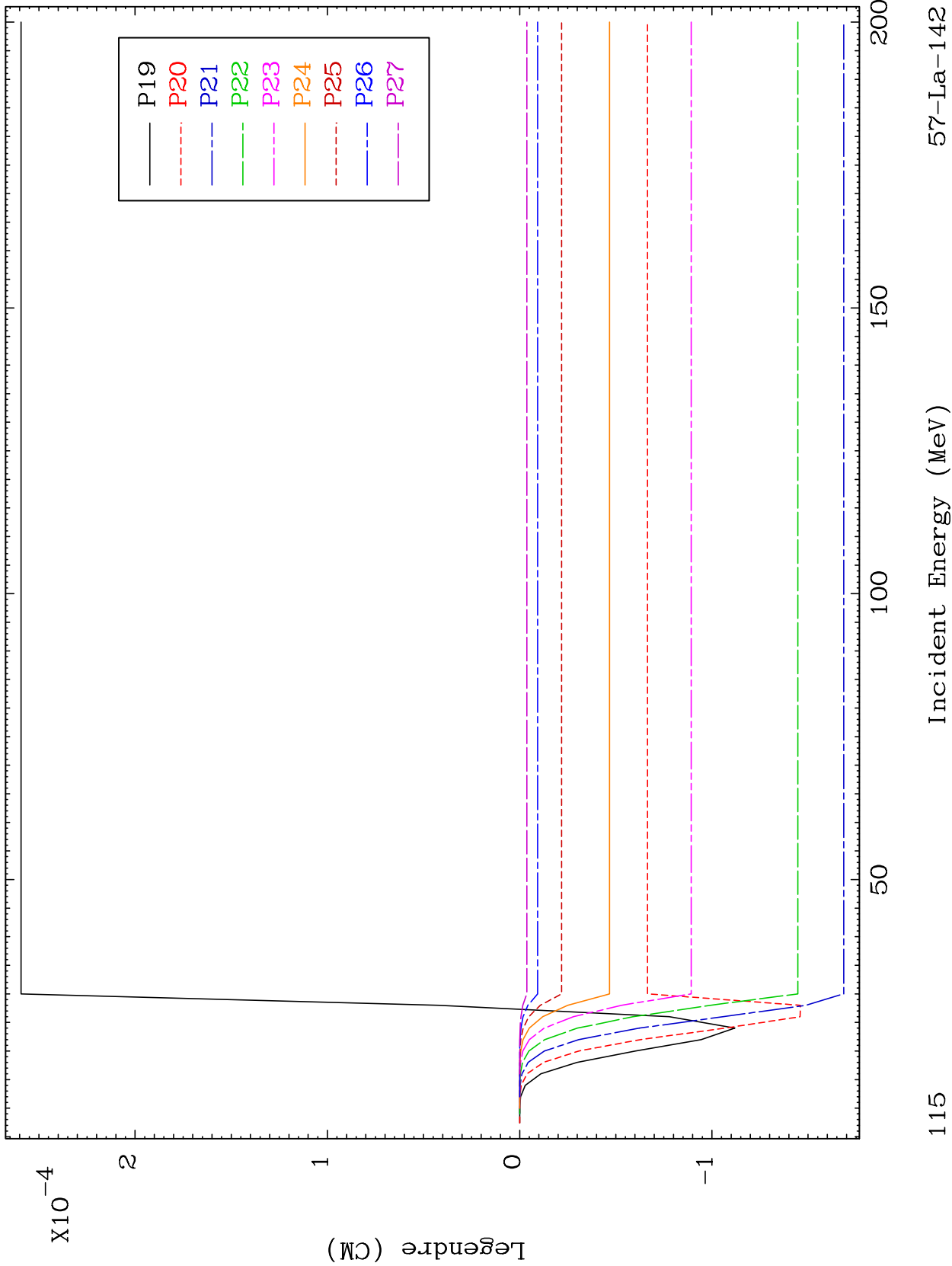
113



MAT 5737

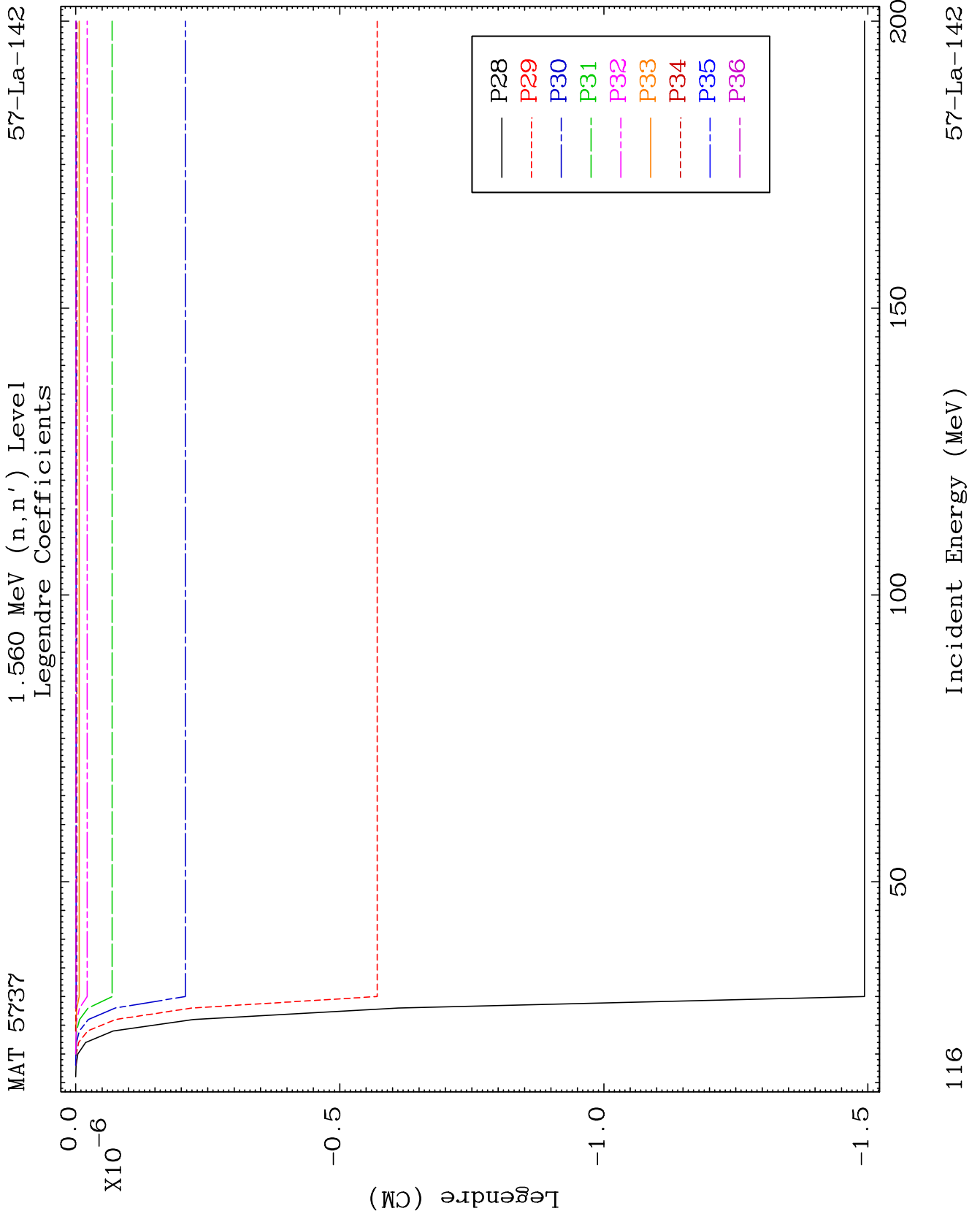
1.560 MeV (n,n') Level
Legendre Coefficients

57-La-142



115

57-La-142

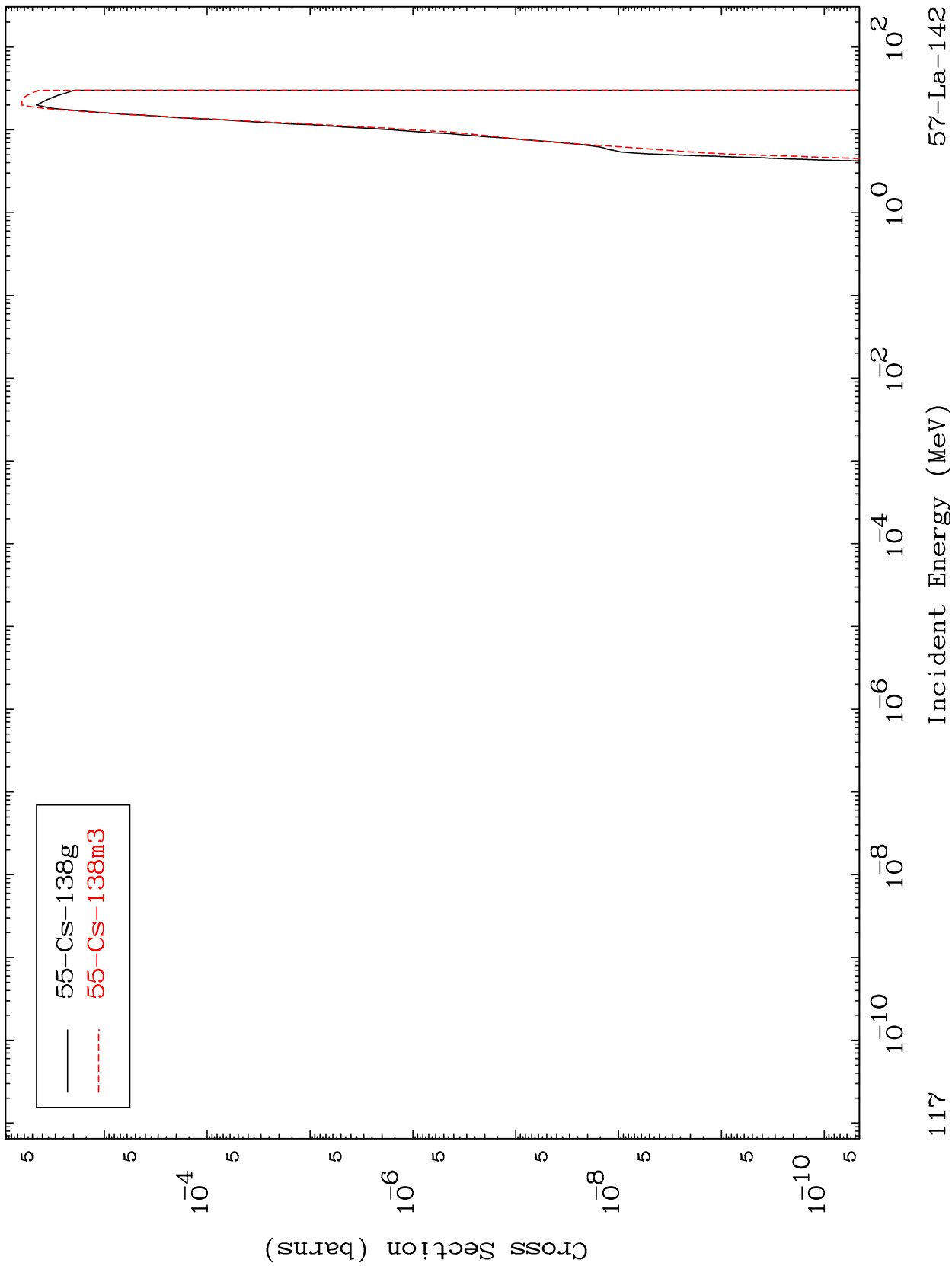


MAT 5737

(n,n') α

57-La-142

Radionuclide Production Cross Section

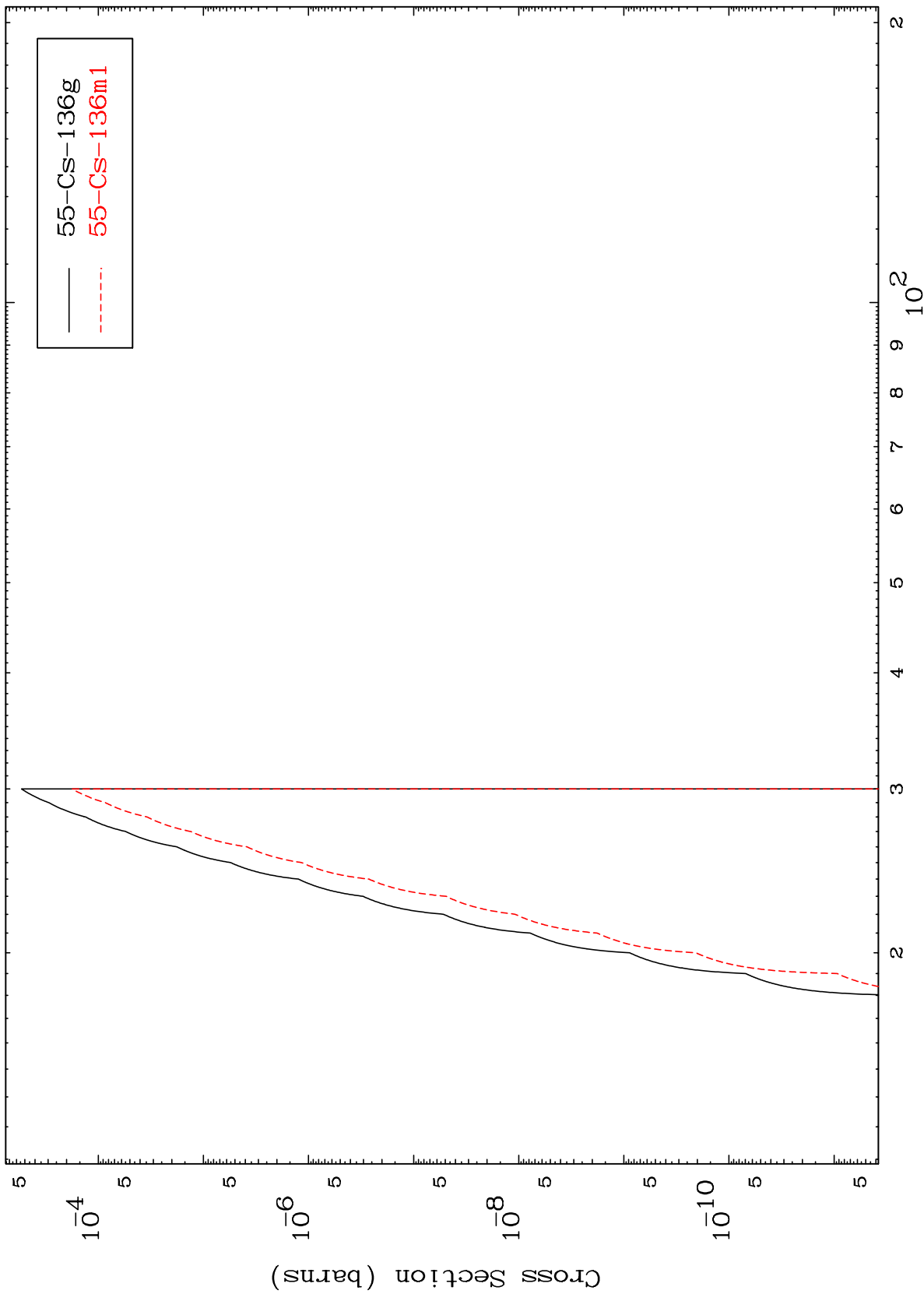


MAT 5737

(n,3n) α

57-La-142

Radionuclide Production Cross Section



118

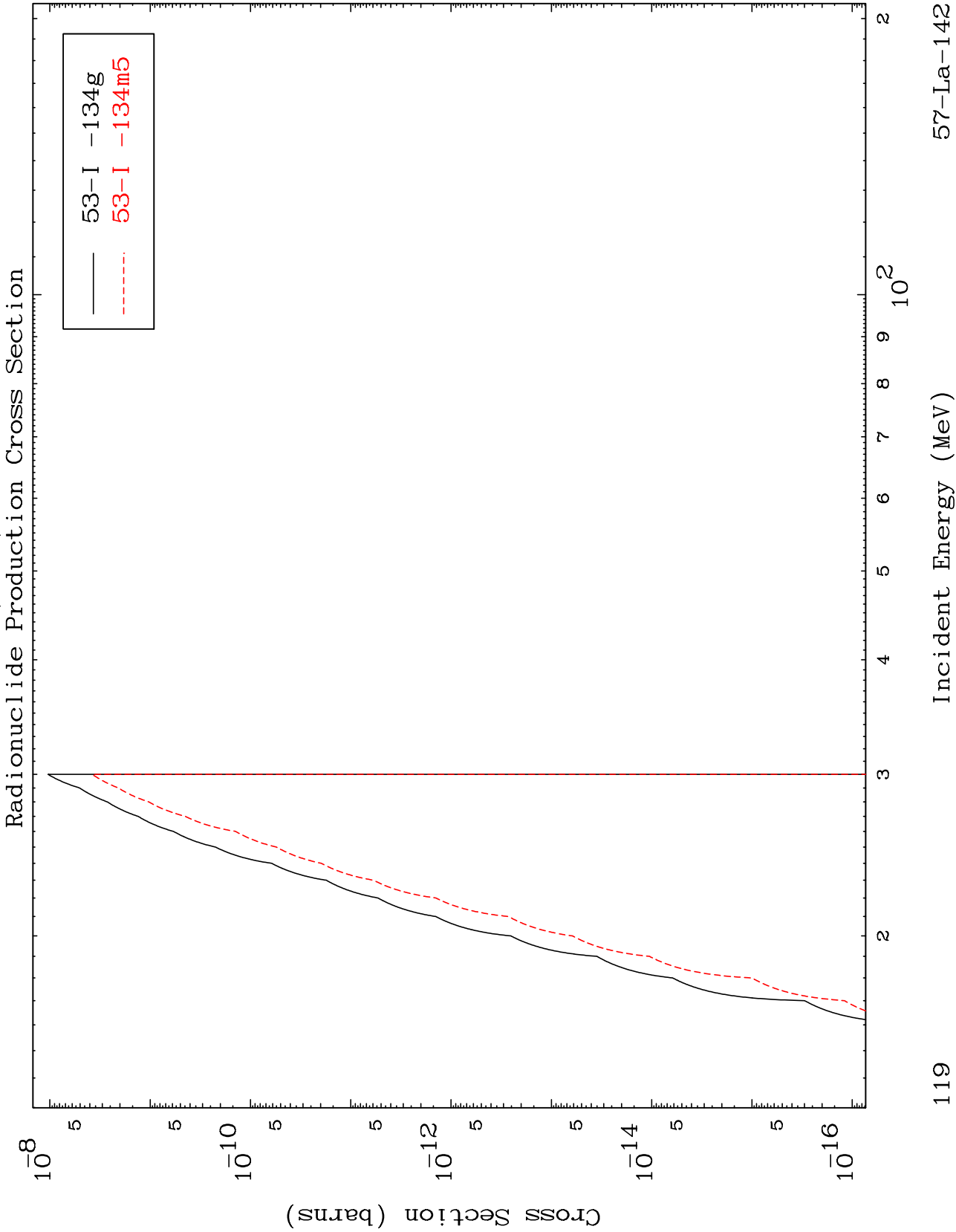
Incident Energy (MeV)

57-La-142

MAT 5737

(n,n') 2α

57-La-142



119

Incident Energy (MeV)

57-La-142