

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

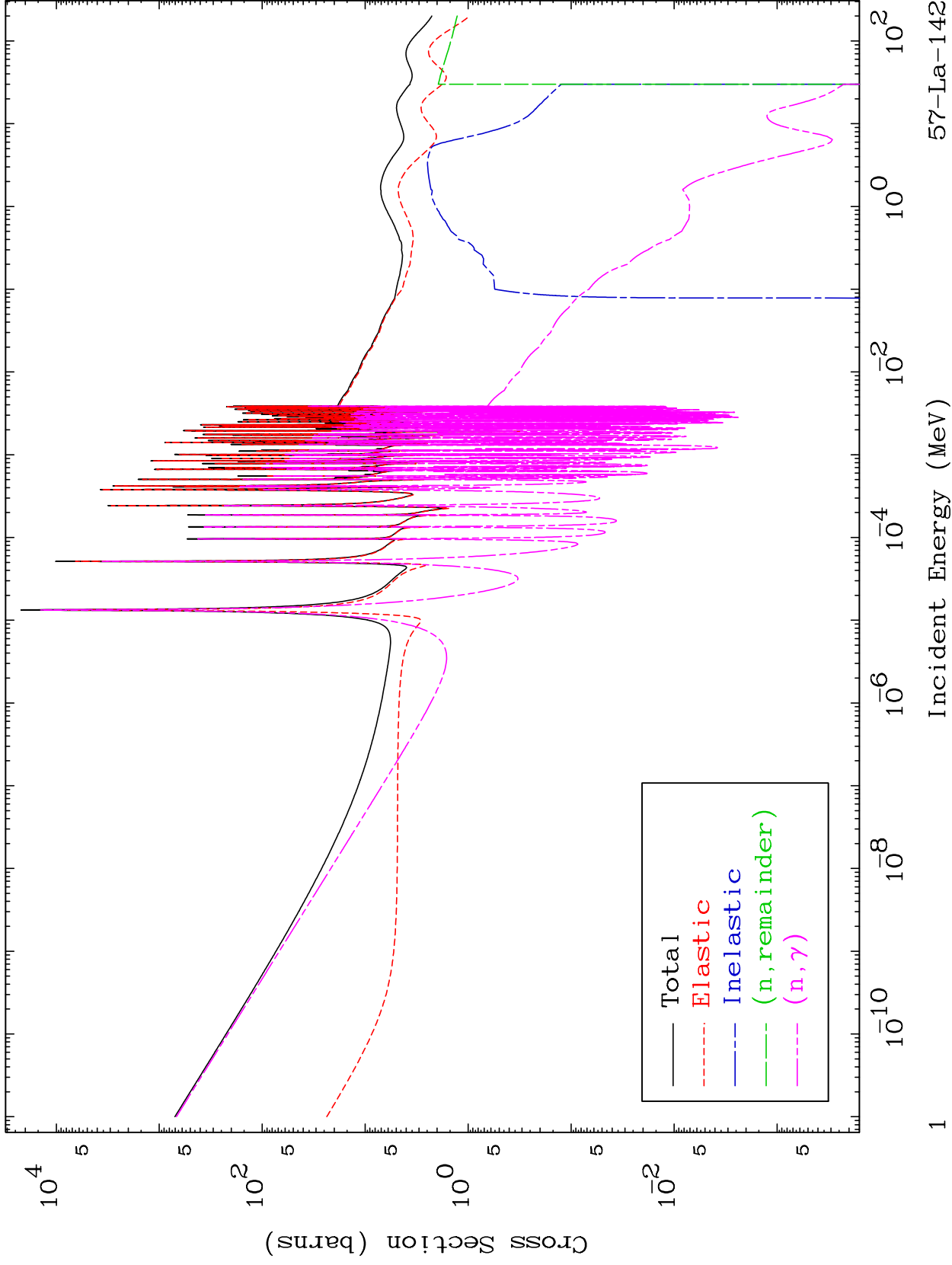
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Press Mouse Button to Start

MAT 5737

Major
293 Kelvin Cross Sections

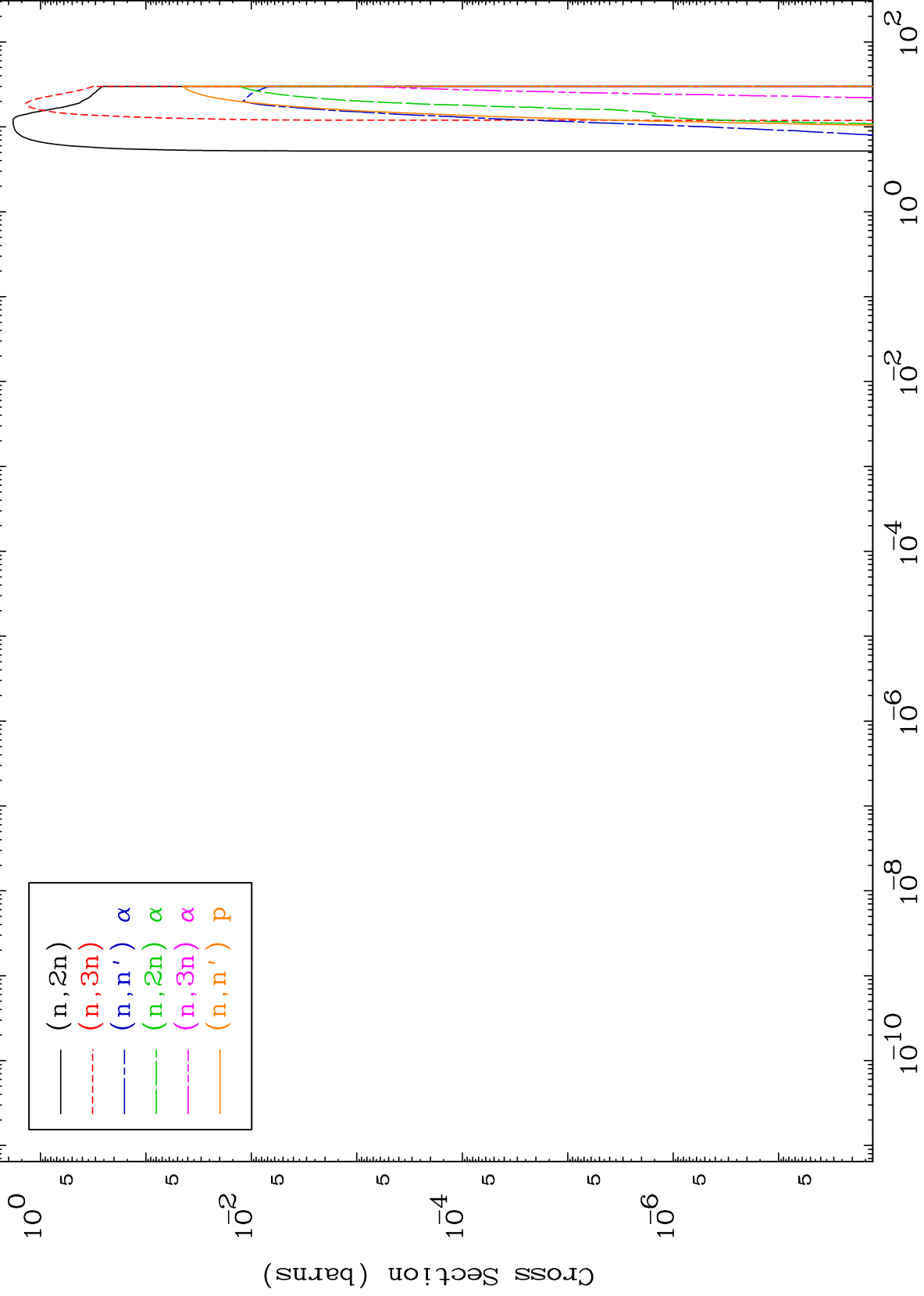
57-La-142



MAT 5737

Neutron Production
293 Kelvin Cross Sections

57-La-142



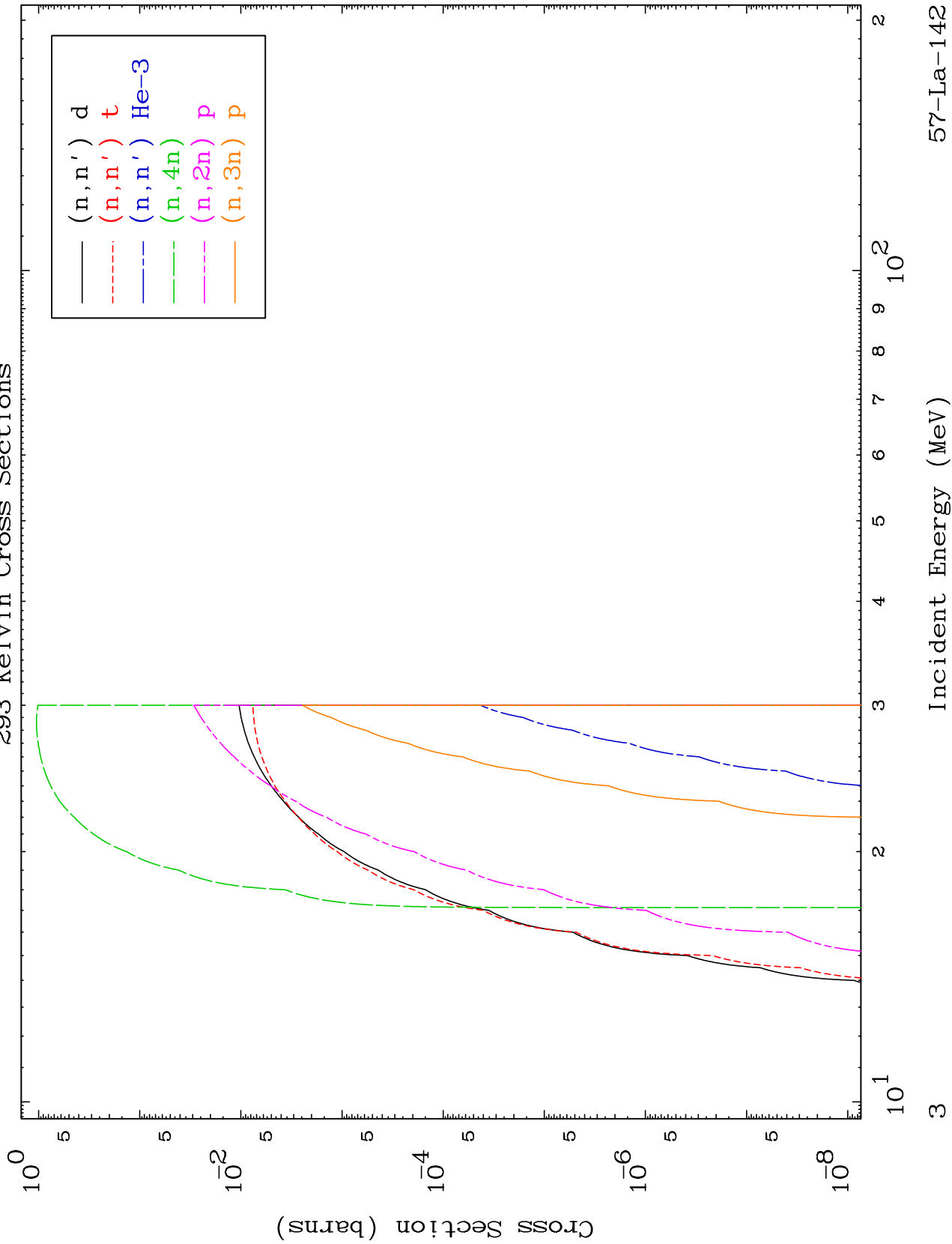
57-La-142

Incident Energy (MeV)

MAT 5737

Neutron Production
293 Kelvin Cross Sections

57-La-142

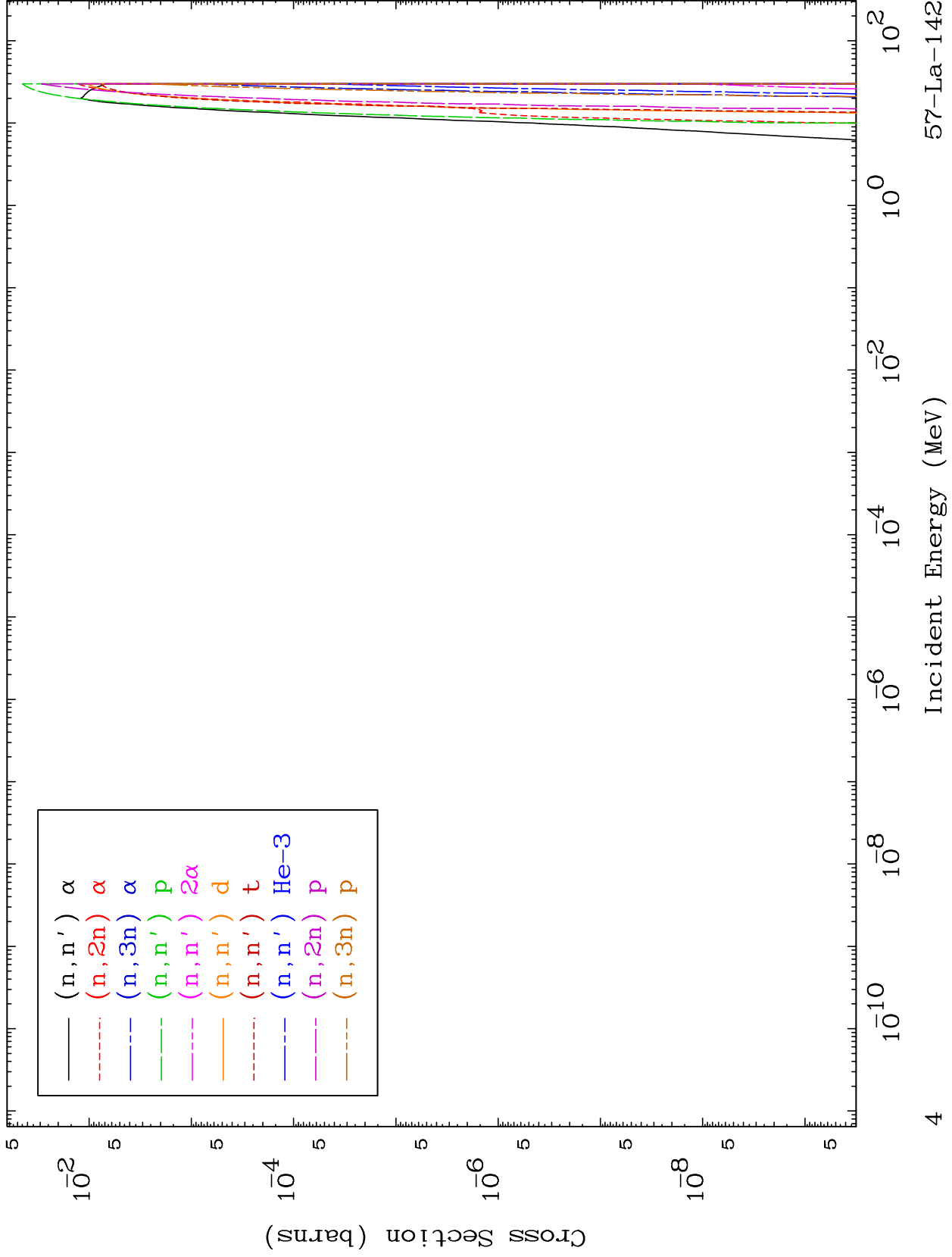


57-La-142

MAT 5737

Charged Particle
293 Kelvin Cross Sections

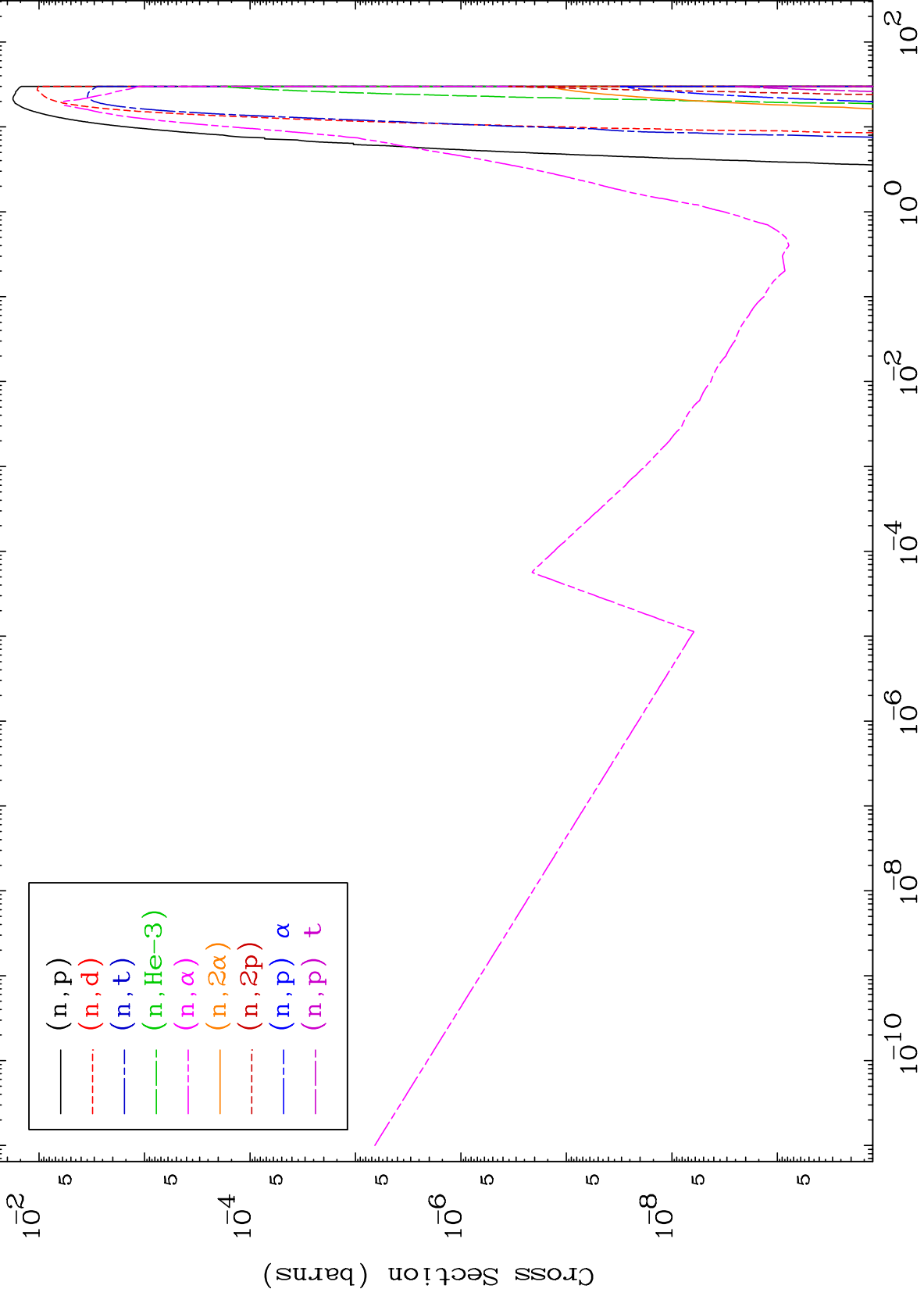
57-La-142



MAT 5737

Charged Particle
293 Kelvin Cross Sections

57-La-142



5

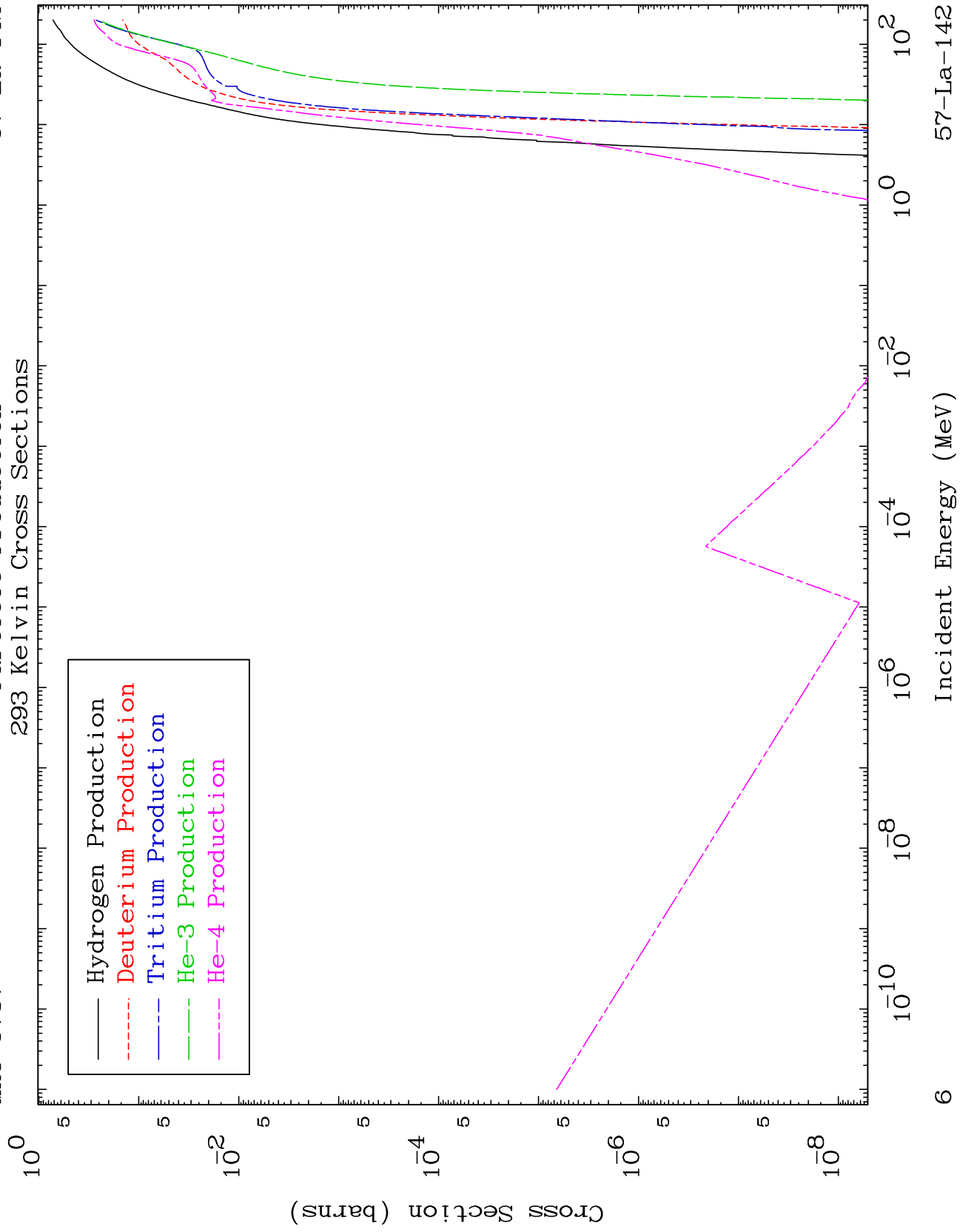
Incident Energy (MeV)

57-La-142

MAT 5737

Particle Production
293 Kelvin Cross Sections

57-La-142

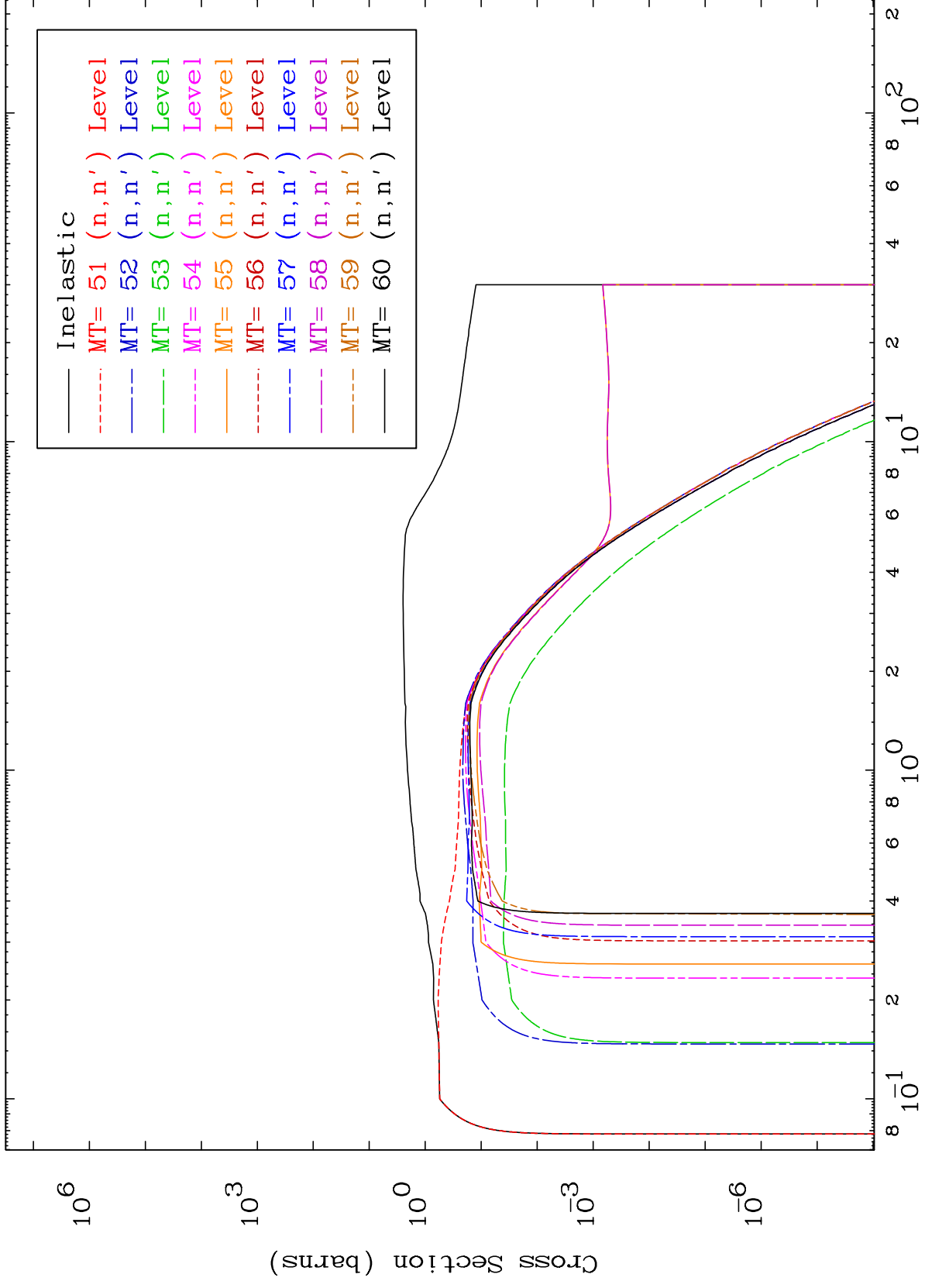


MAT 5737

(n,n') Level

57-La-142

293 Kelvin Cross Sections



Incident Energy (MeV)

57-La-142

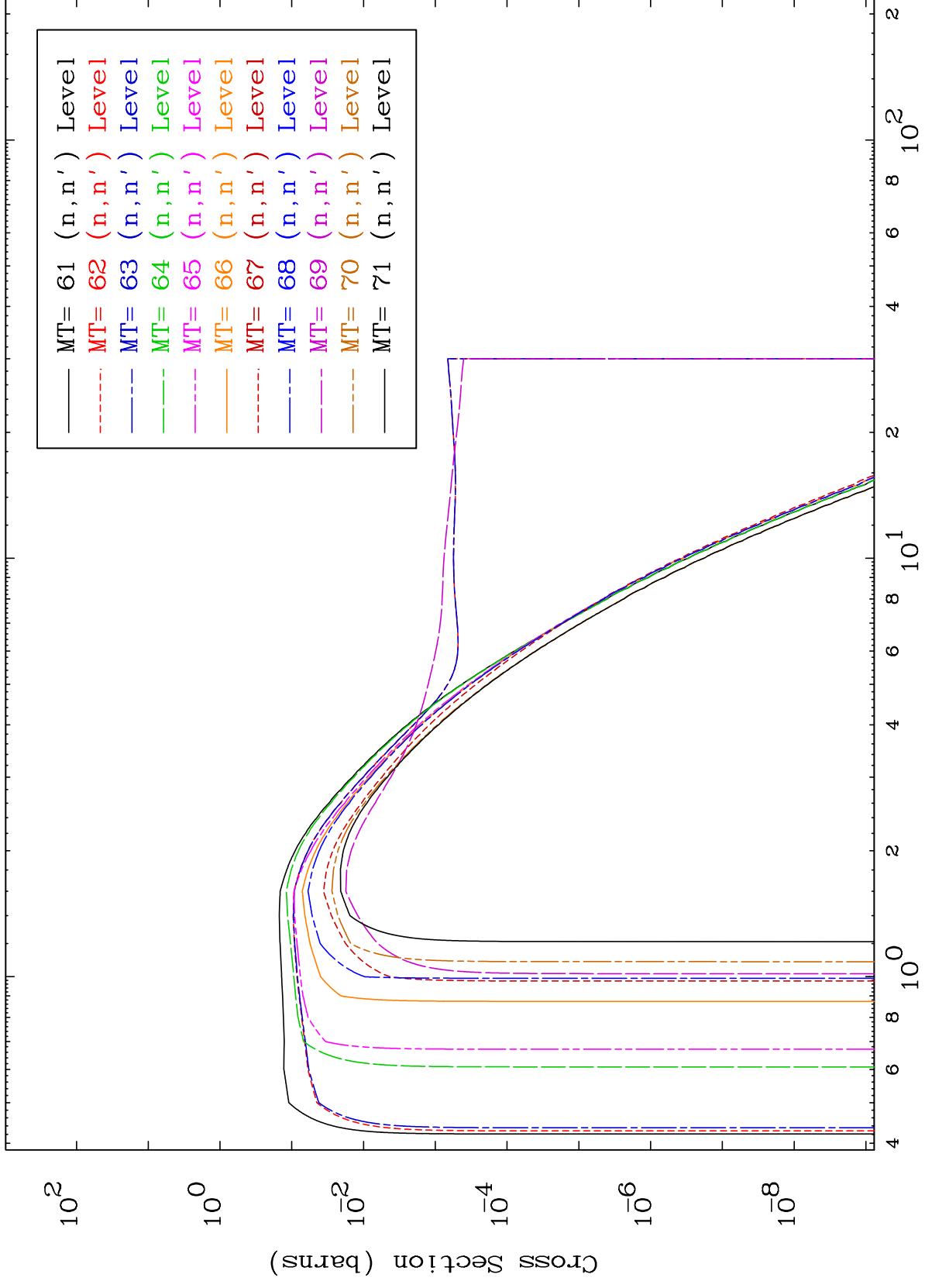
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MAT 5737

(n,n') Level

293 Kelvin Cross Sections

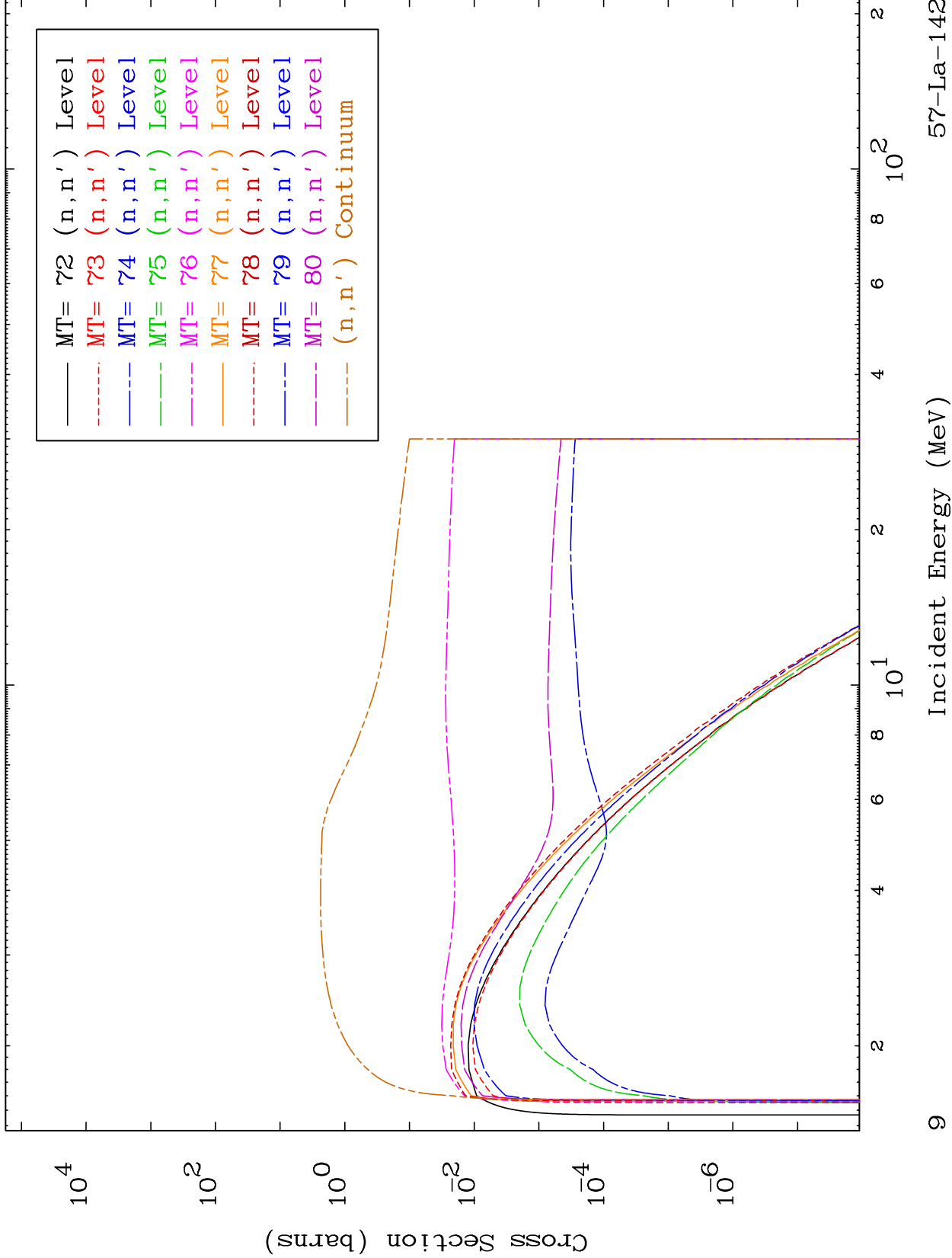
57-La-142



8

Incident Energy (MeV)

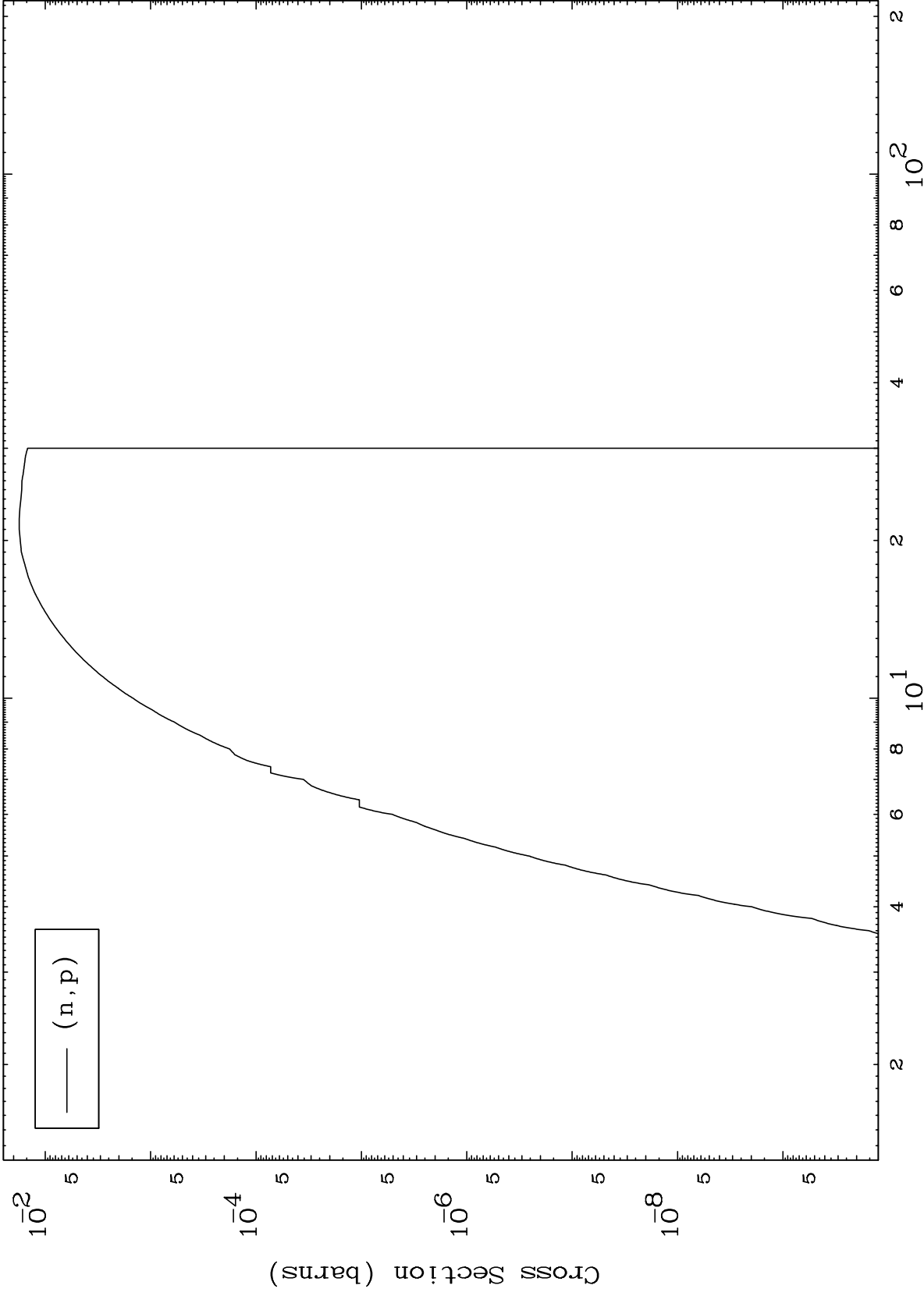
57-La-142



MAT 5737

(n,p) Levels
293 Kelvin Cross Sections

57-La-142



10

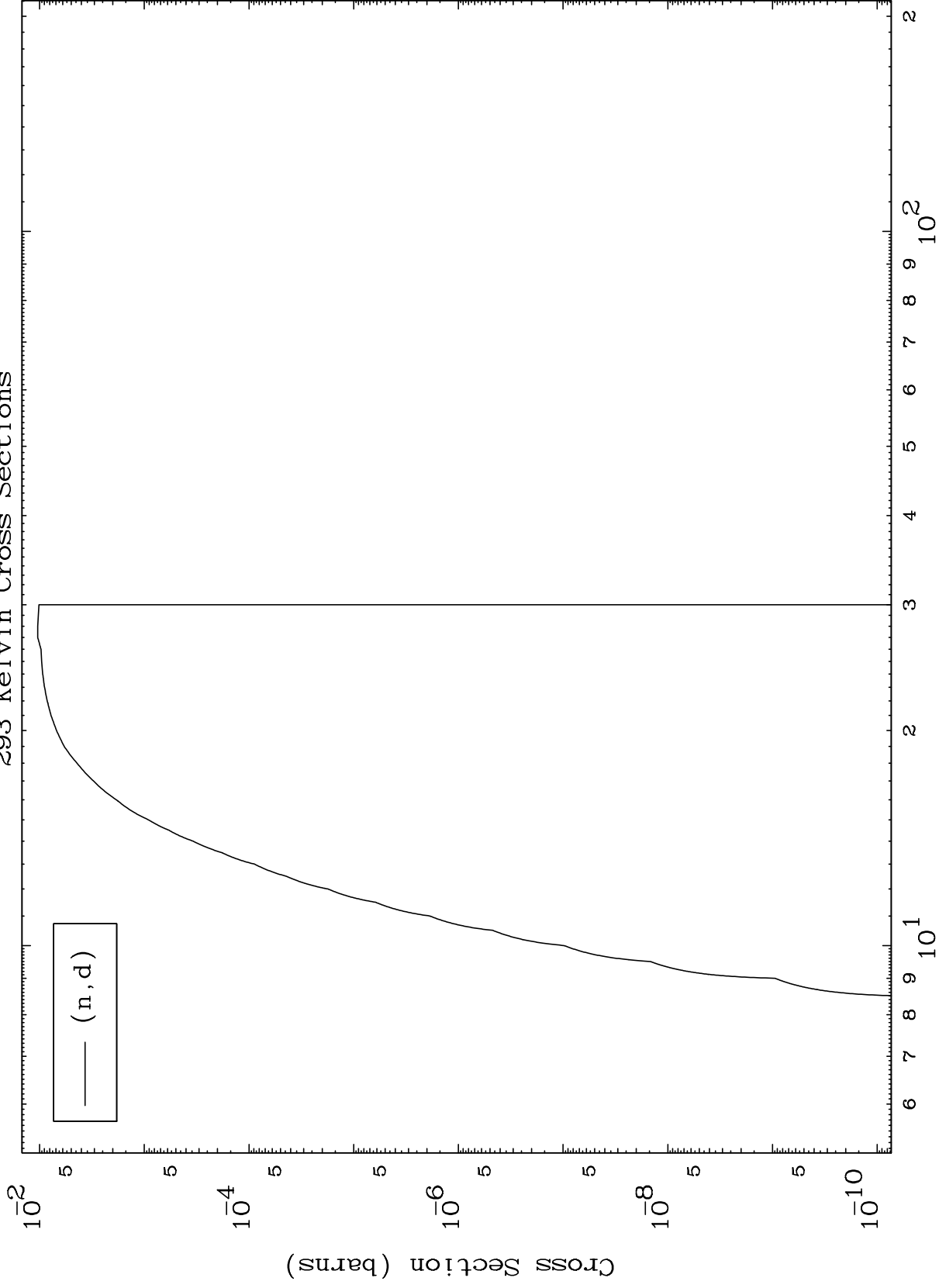
Incident Energy (MeV)

57-La-142

MAT 5737

(n,d) Levels
293 Kelvin Cross Sections

57-La-142



11

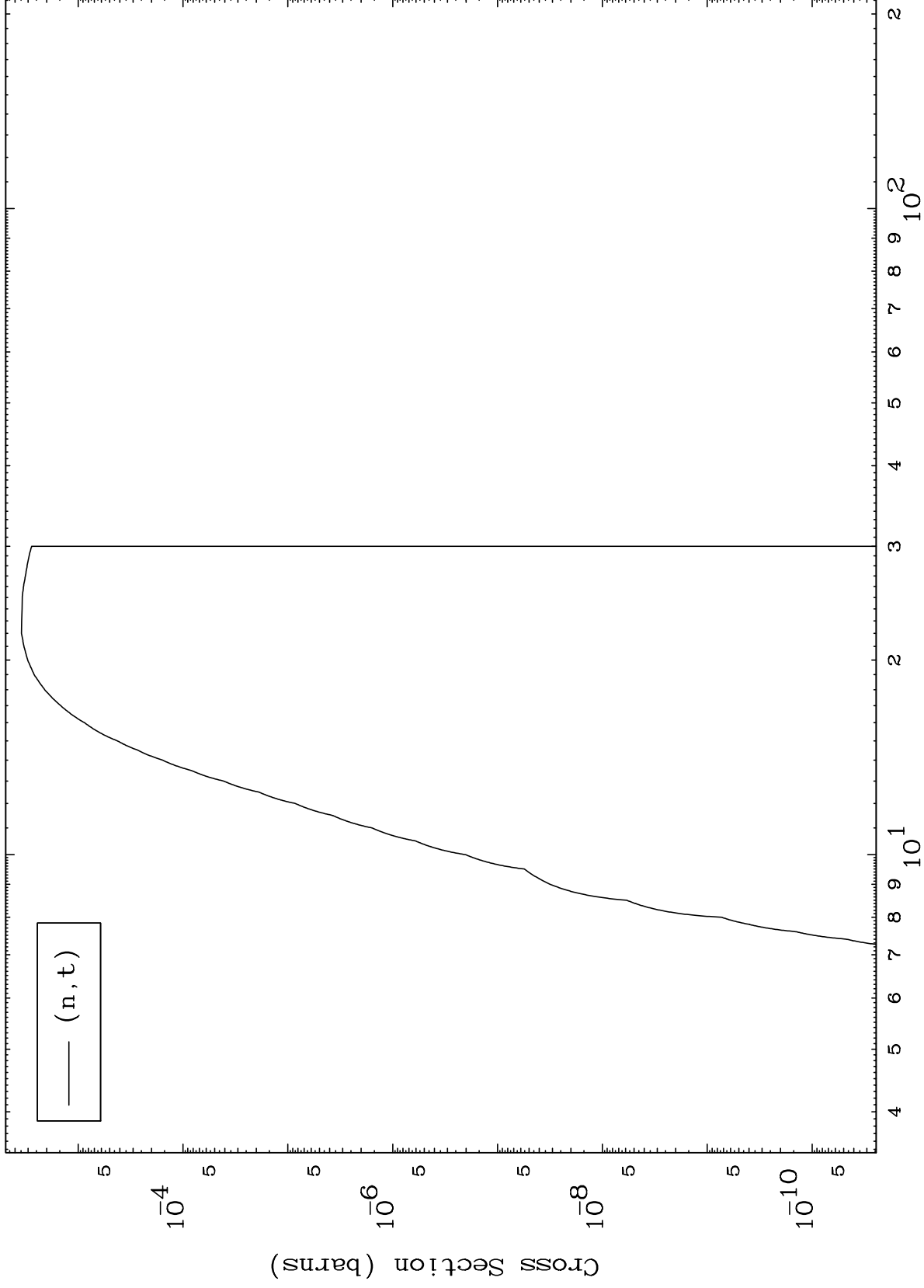
Incident Energy (MeV)

57-La-142

MAT 5737

(n,t) Levels
293 Kelvin Cross Sections

57-La-142



12

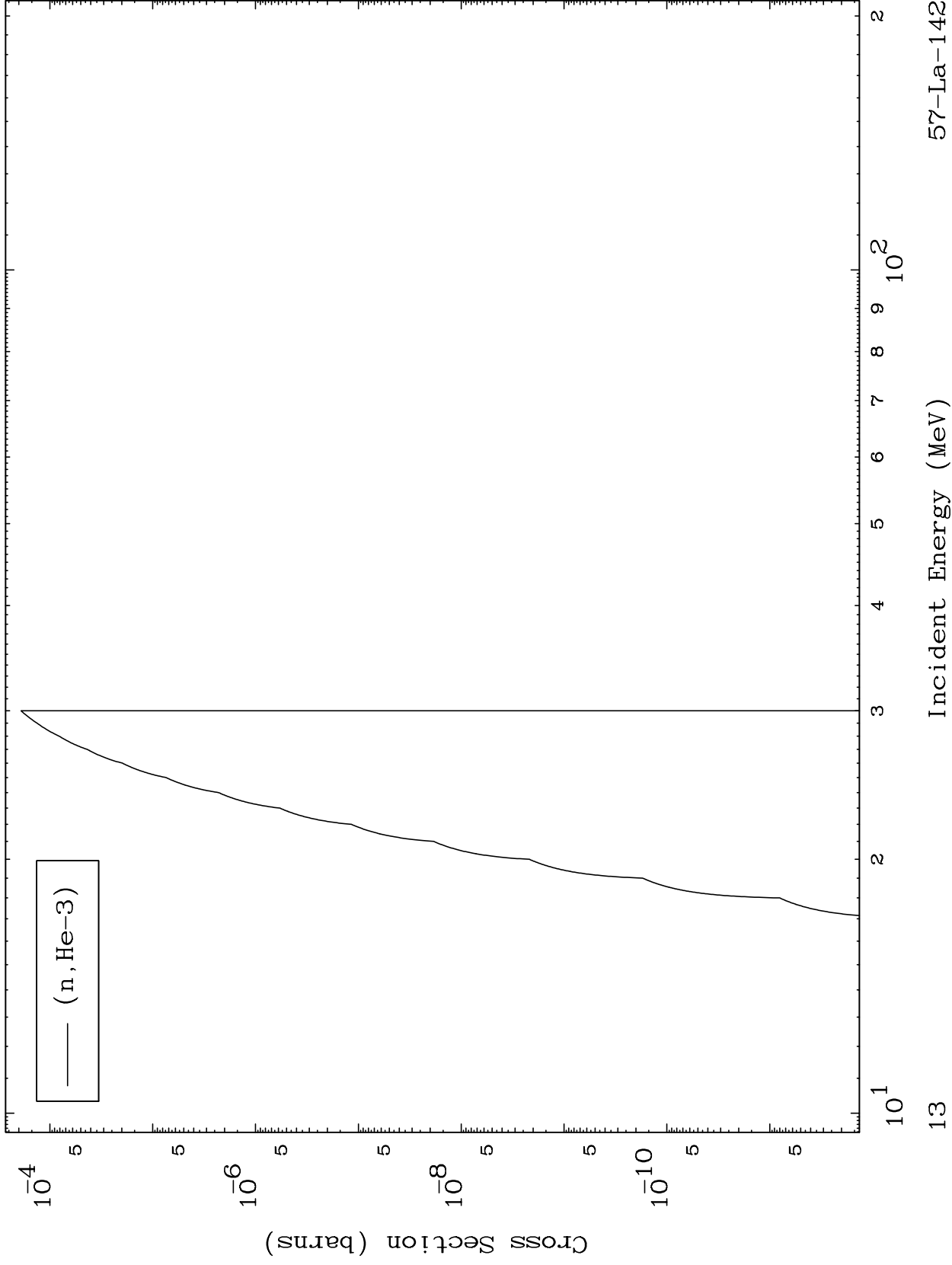
Incident Energy (MeV)

57-La-142

MAT 5737

(n,He3) Levels
293 Kelvin Cross Sections

57-La-142



57-La-142

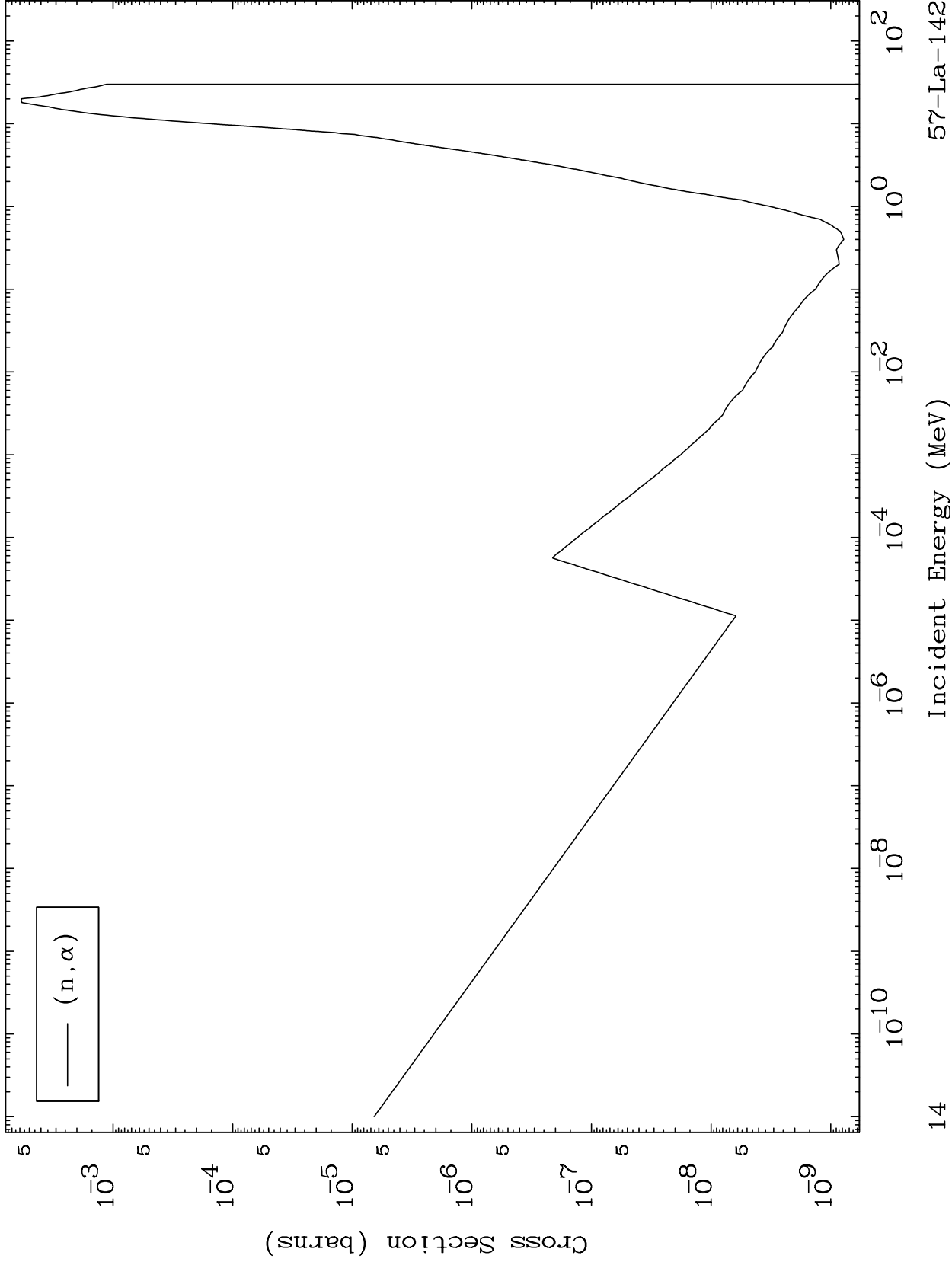
Incident Energy (MeV)

13

MAT 5737

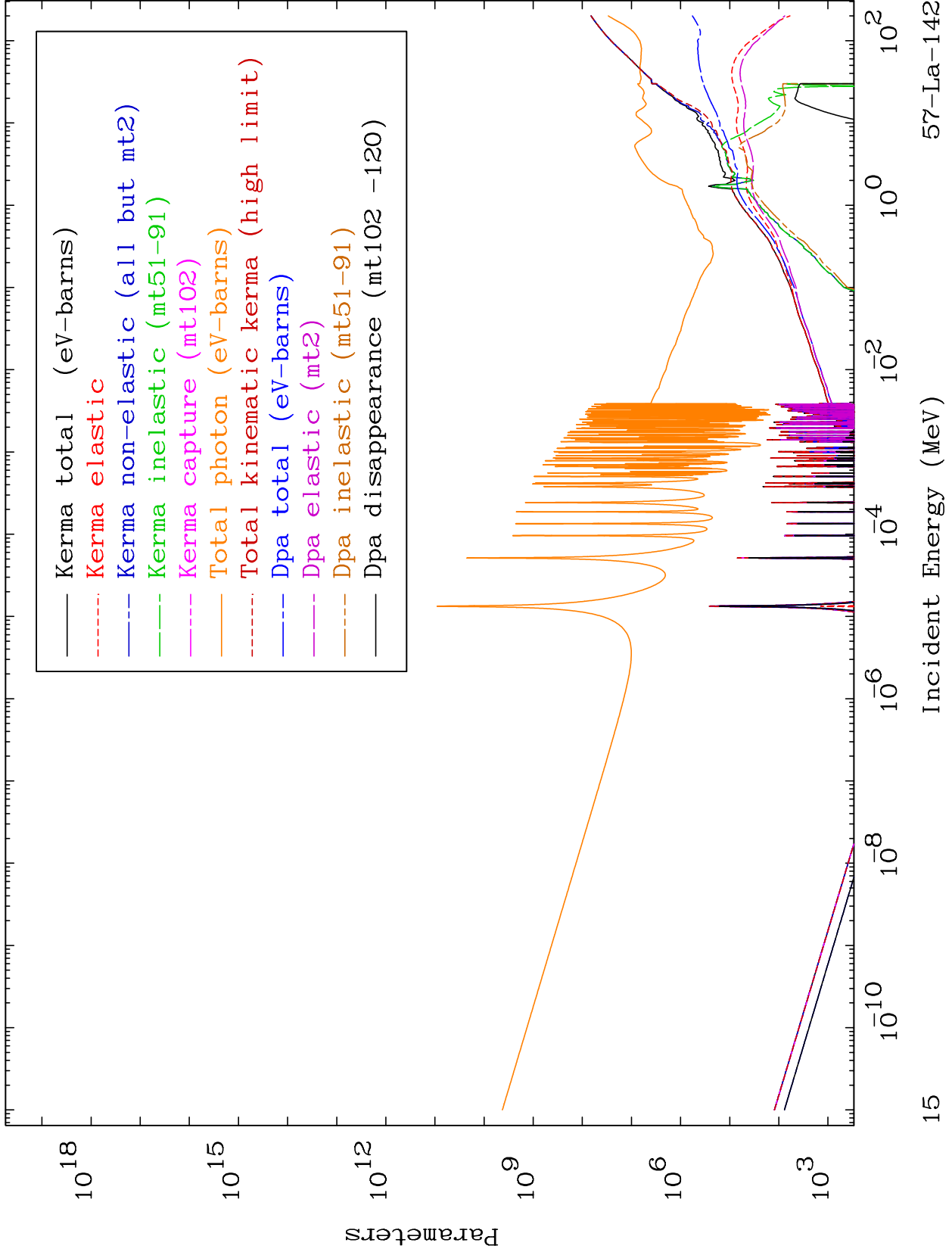
(n, α) Levels
293 Kelvin Cross Sections

57-La-142



14

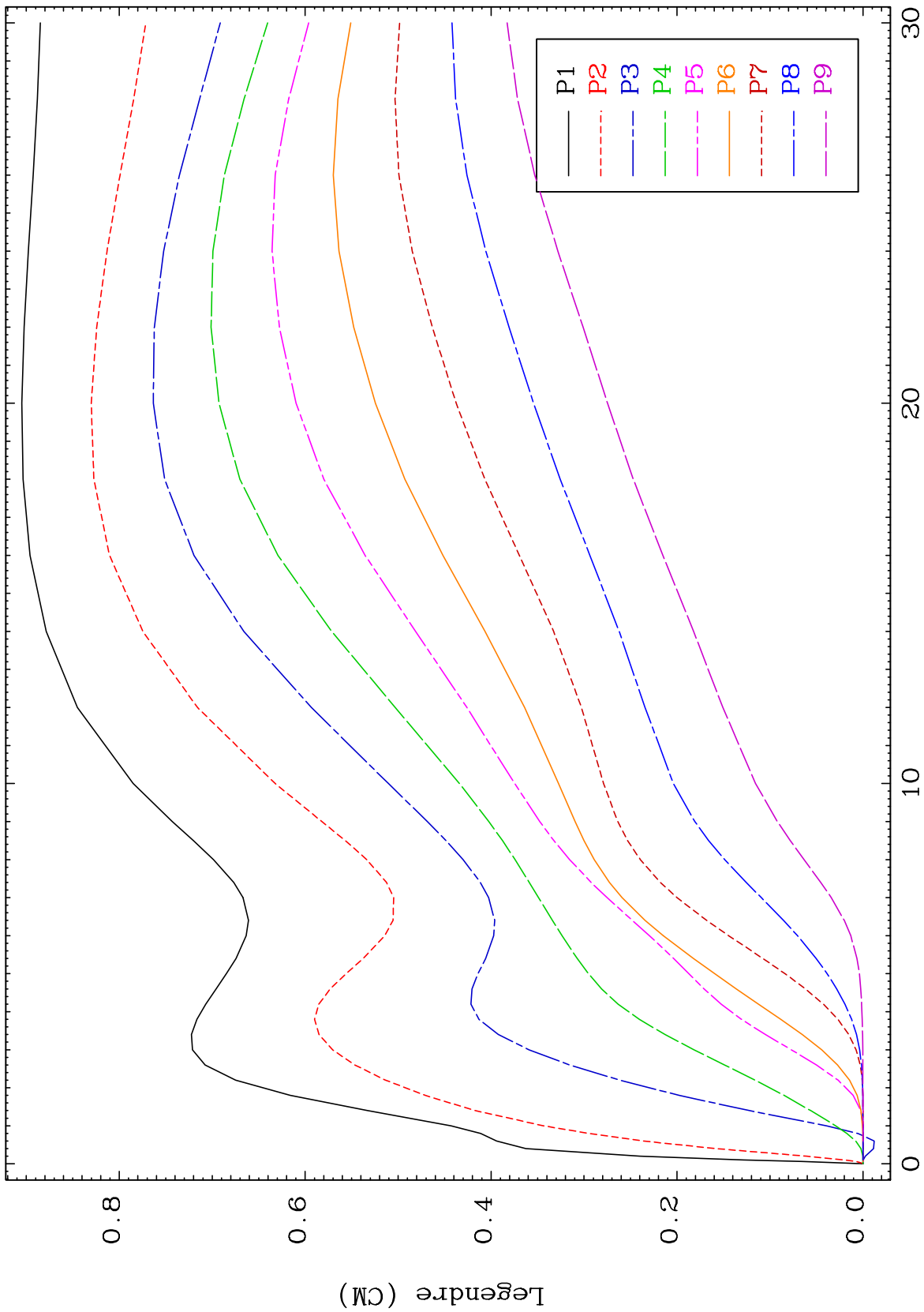
57-La-142



MAT 5737

57-La-142

Elastic Legendre Coefficients



57-La-142

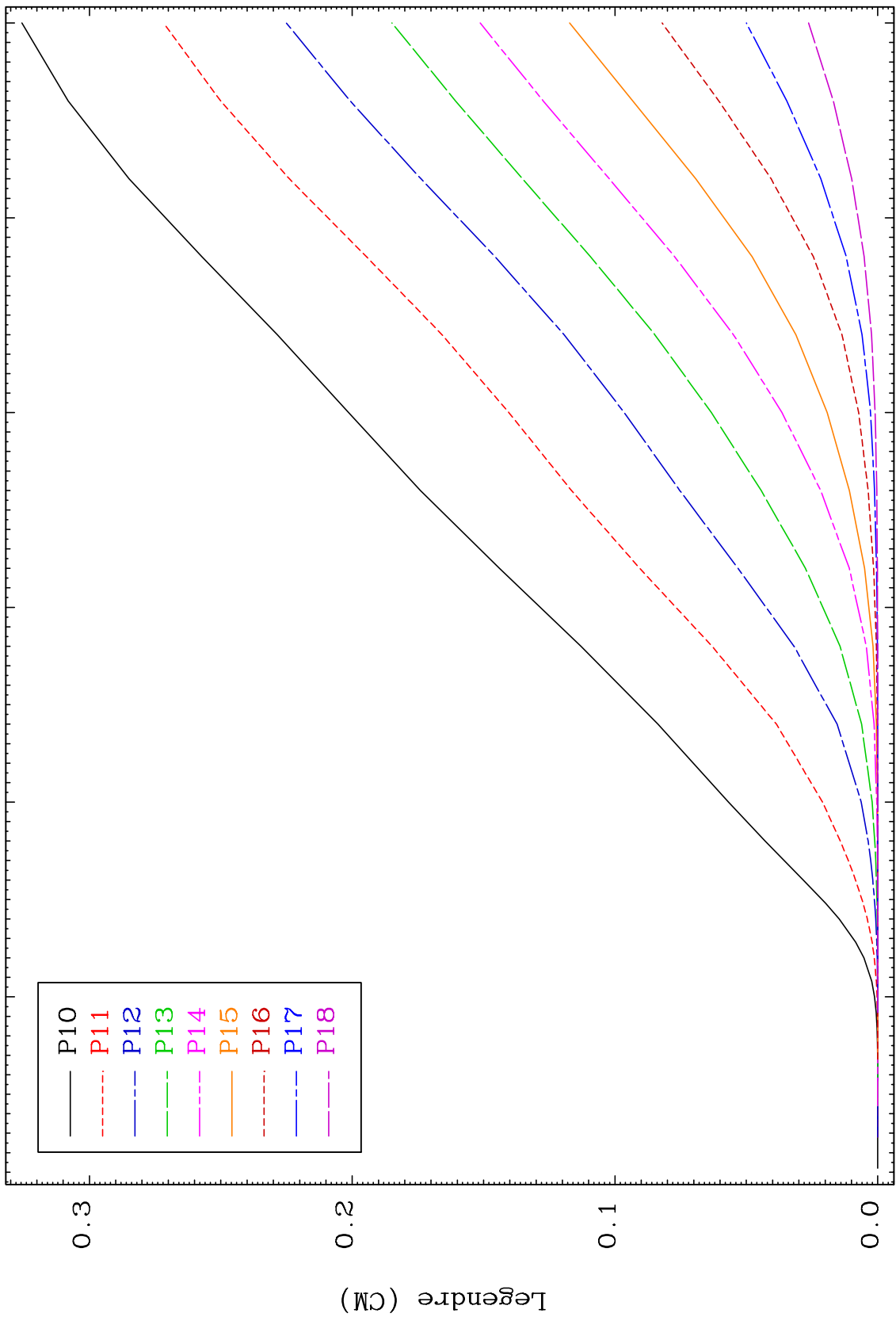
Incident Energy (MeV)

16

MAT 5737

Elastic Legendre Coefficients

57-La-142



17

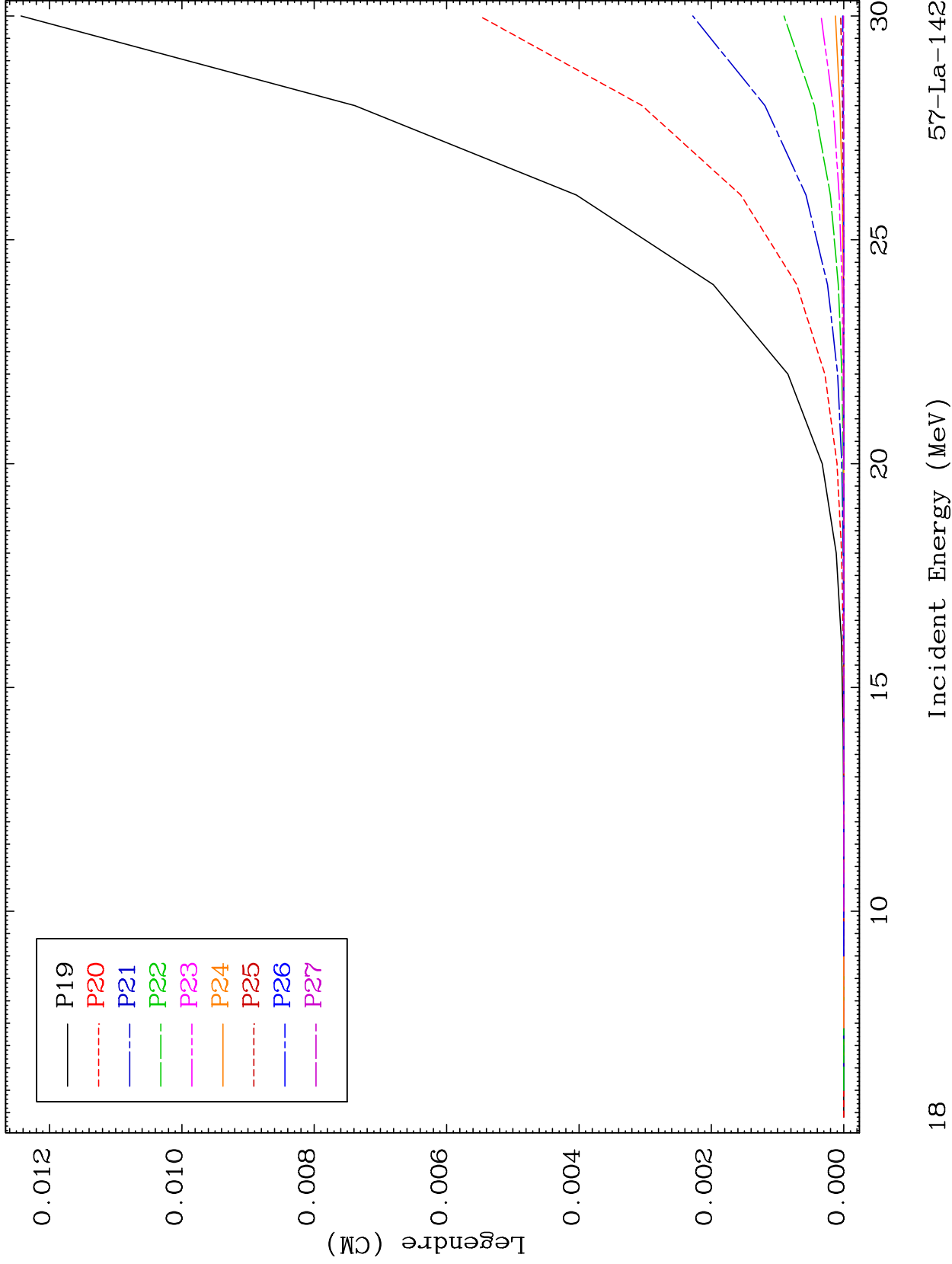
57-La-142

Incident Energy (MeV)

MAT 5737

Elastic Legendre Coefficients

57-La-142



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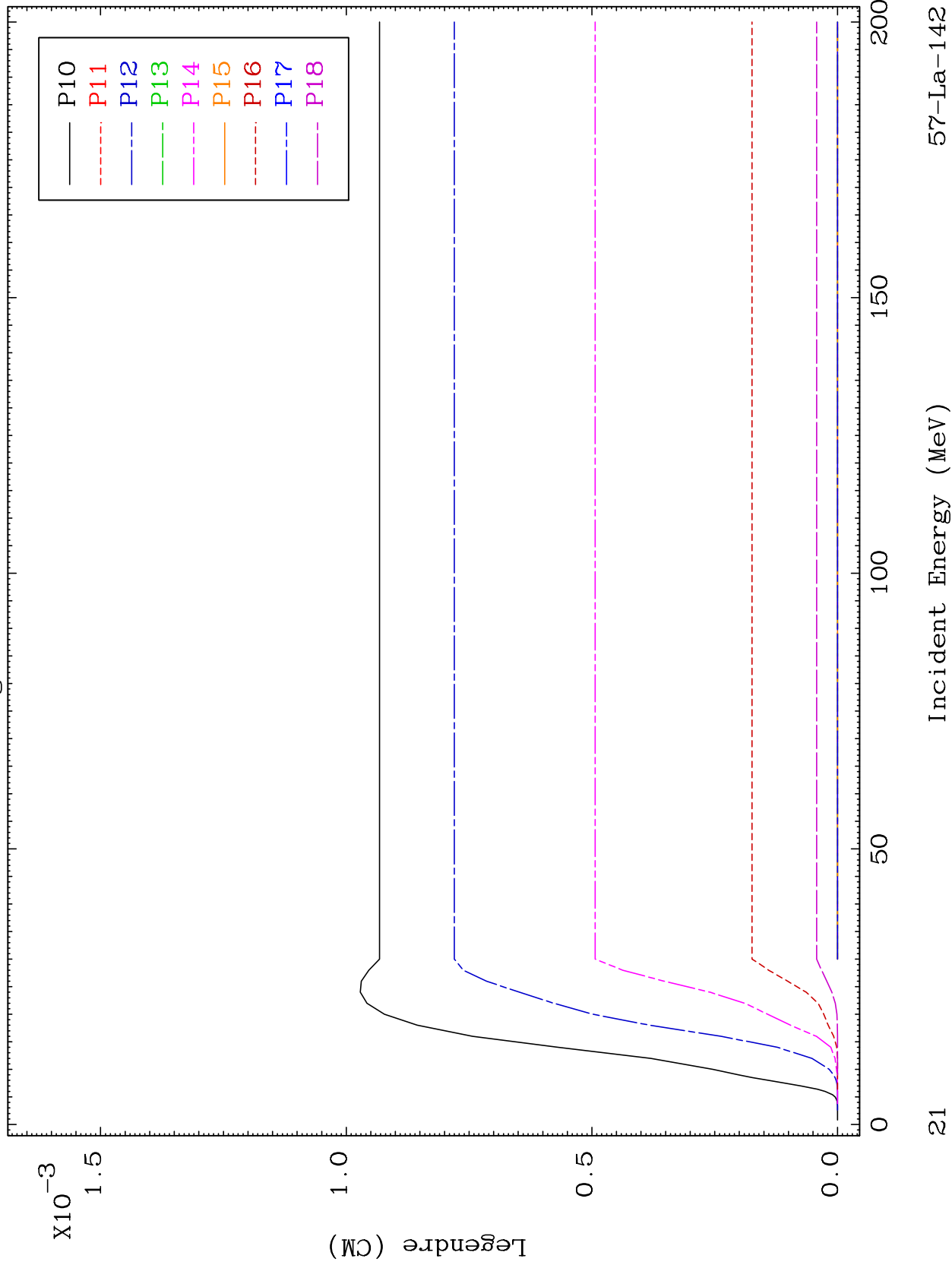
Incident Energy (MeV)

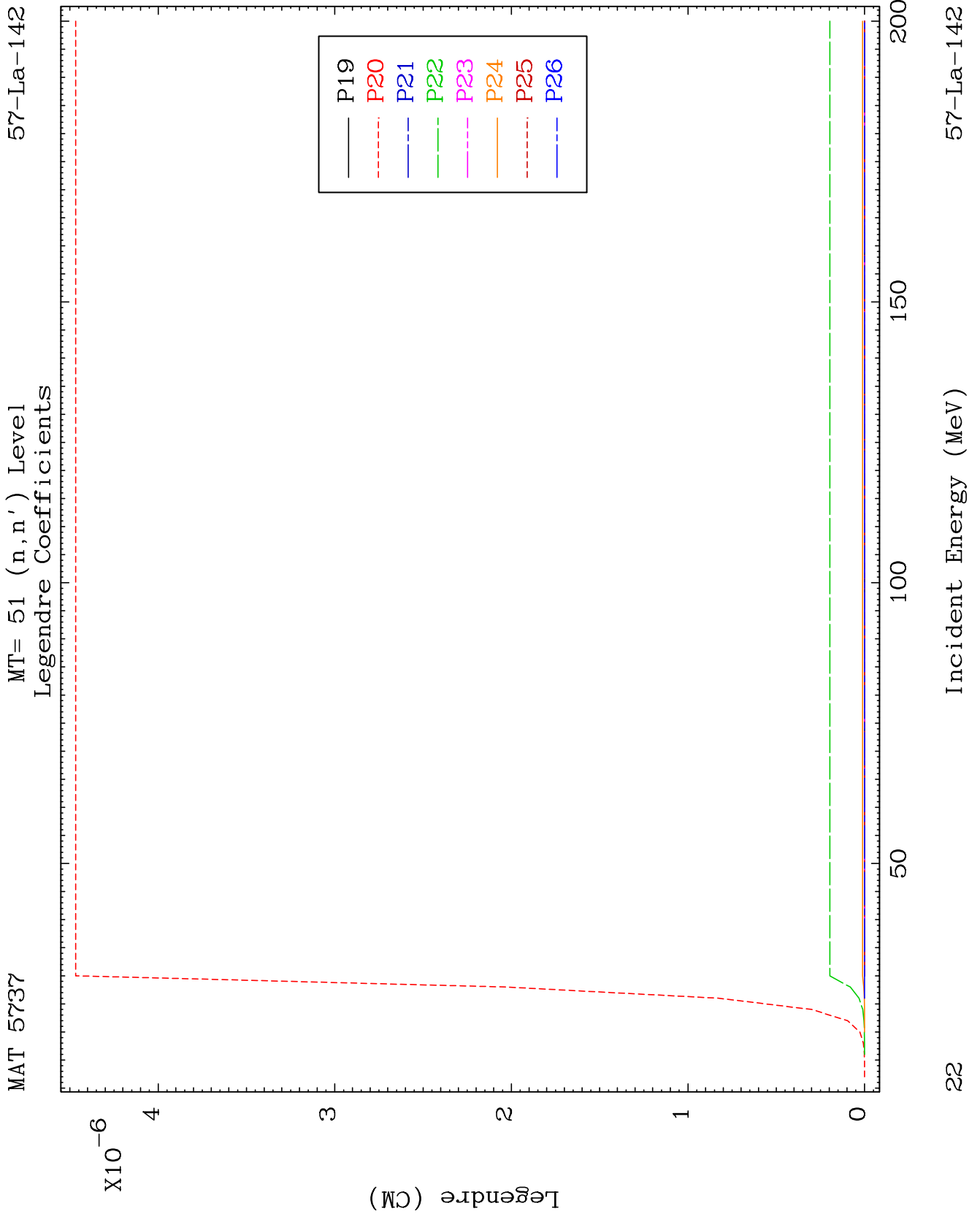
57-La-142

MAT 5737

MT= 51 (n,n') Level
Legendre Coefficients

57-La-142

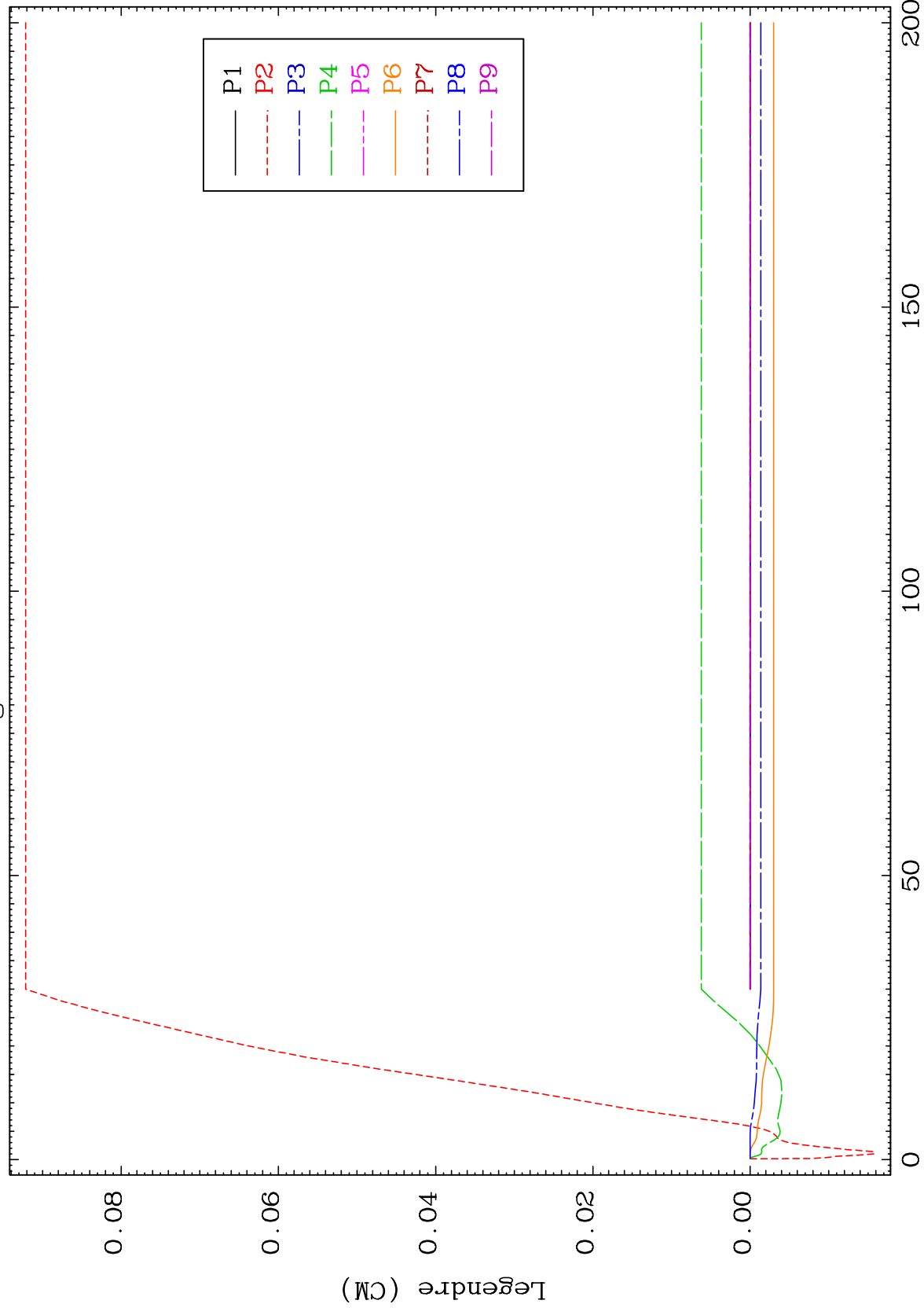




MAT 5737

MT= 52 (n,n') Level
Legendre Coefficients

57-La-142



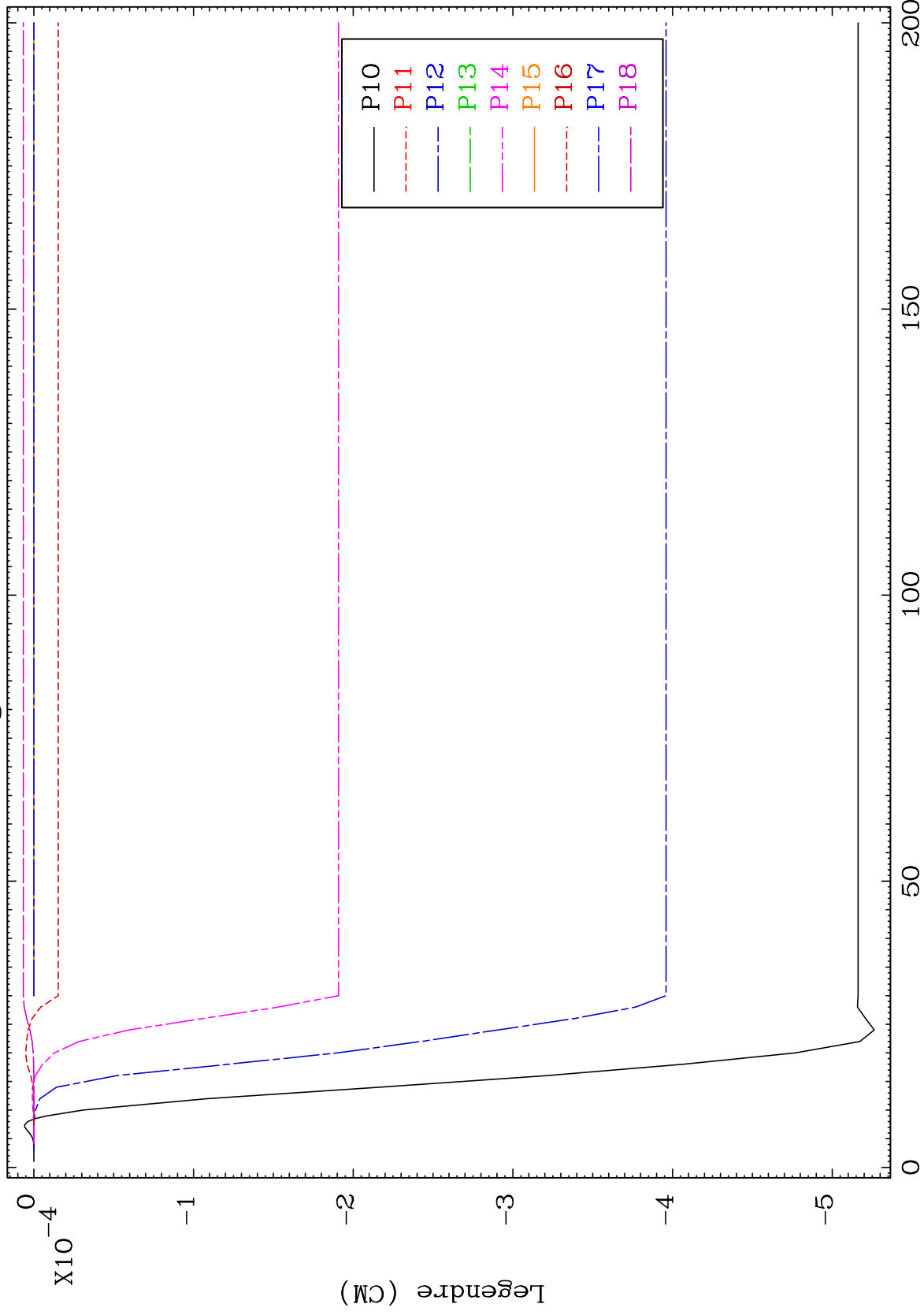
23

57-La-142

MAT 5737

MT= 52 (n,n') Level
Legendre Coefficients

57-La-142



24

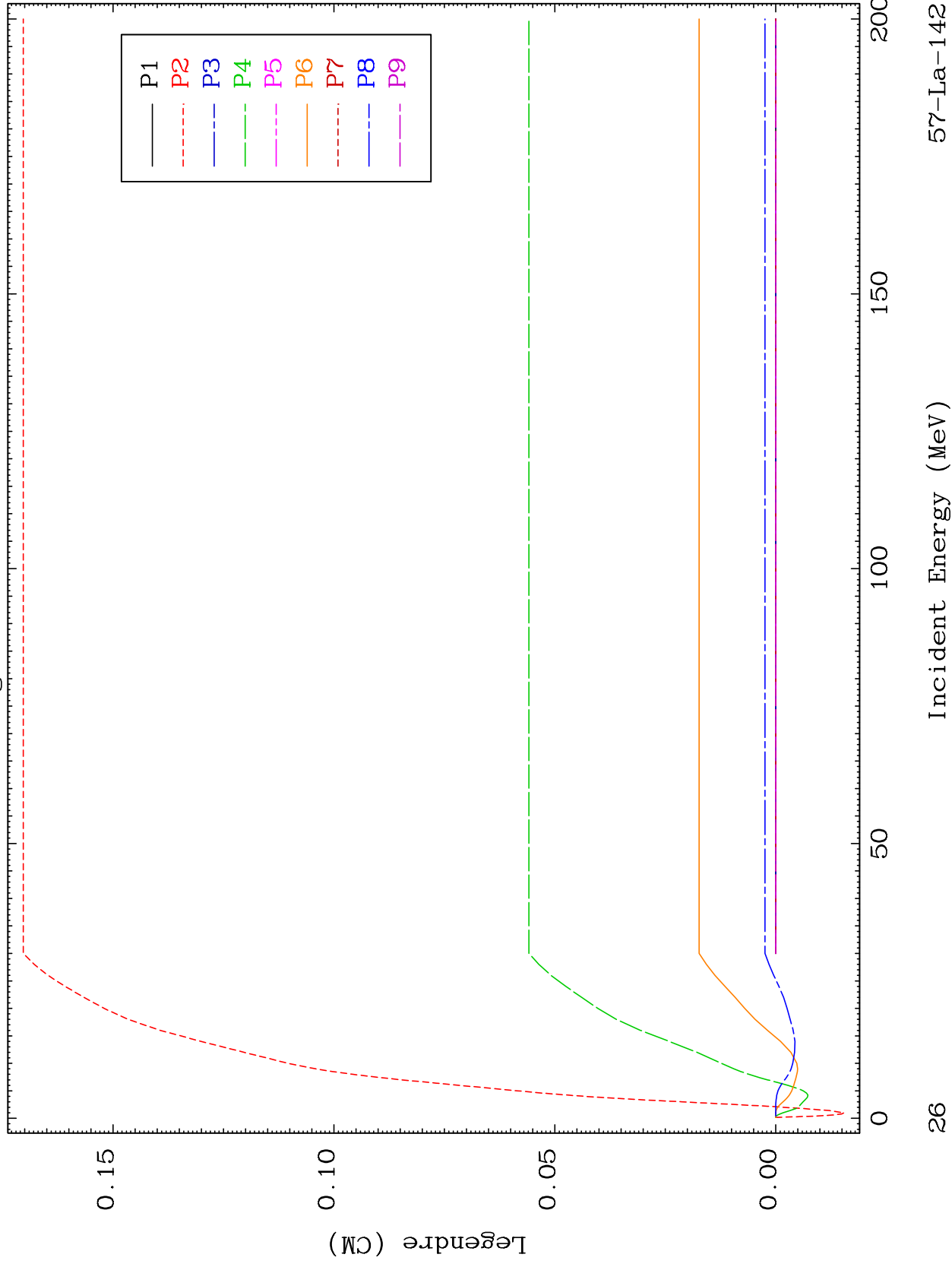
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 53 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

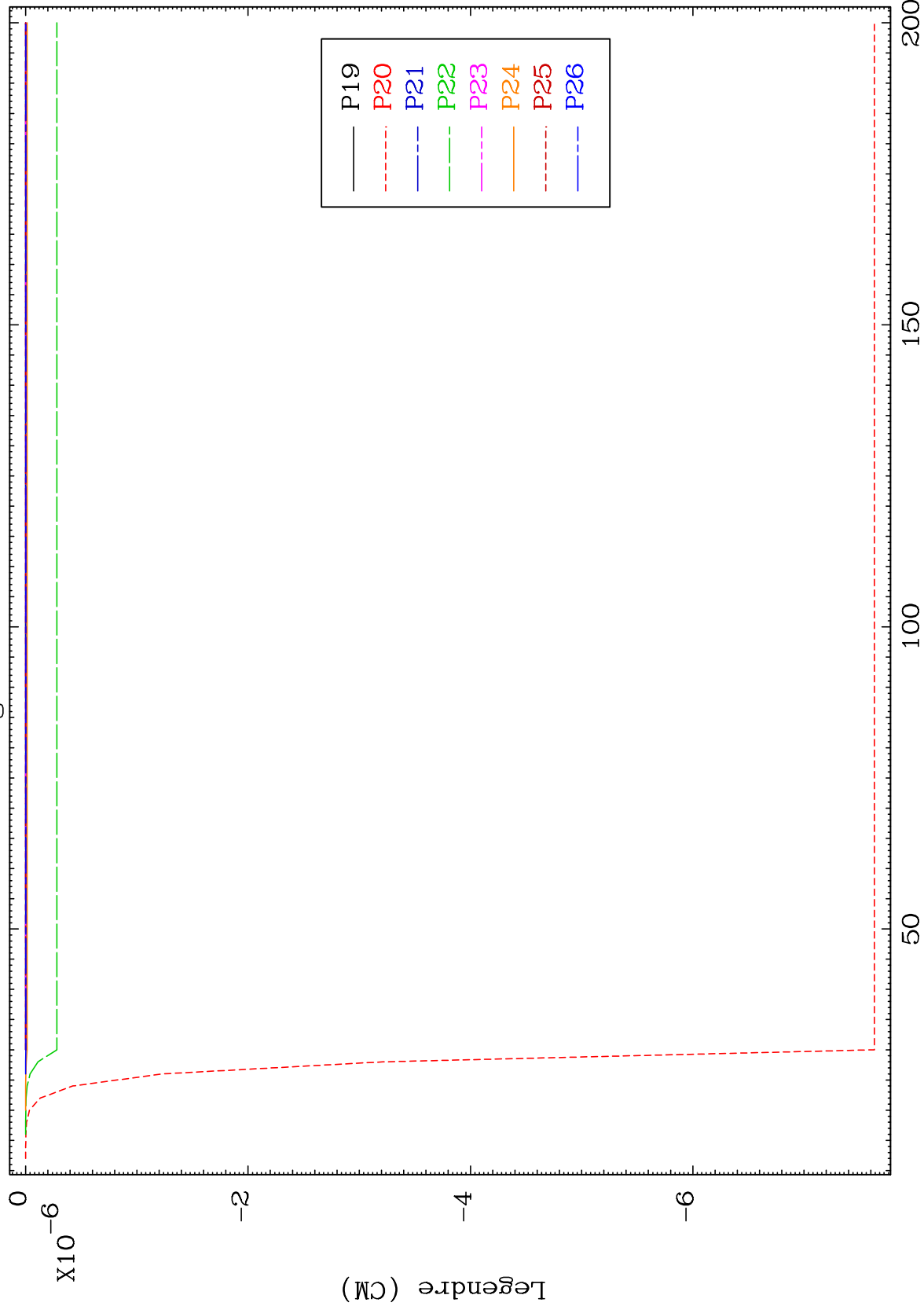
Incident Energy (MeV)

26

MAT 5737

MT= 53 (n,n') Level
Legendre Coefficients

57-La-142



28

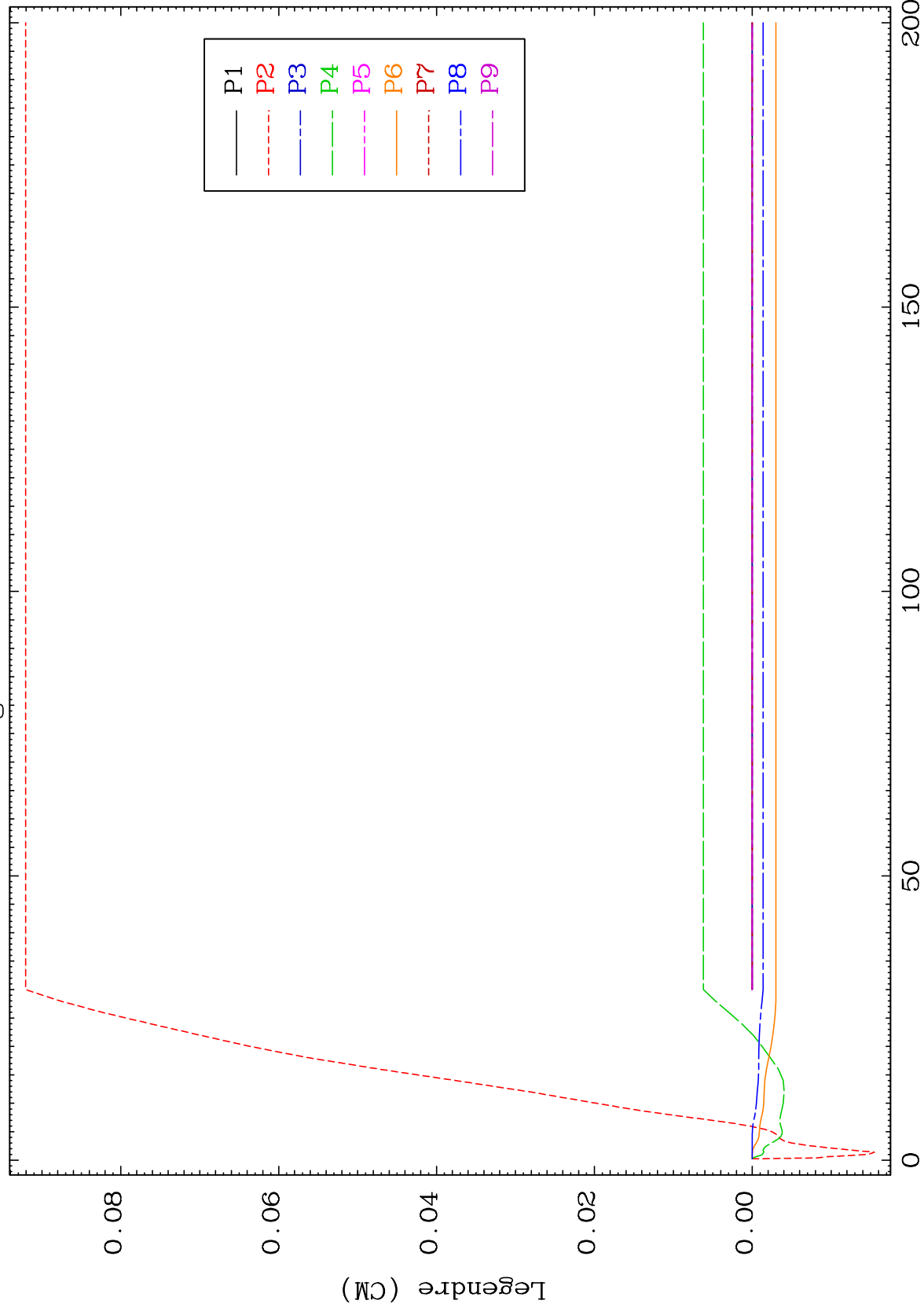
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 54 (n,n') Level
Legendre Coefficients

57-La-142



29

Incident Energy (MeV)

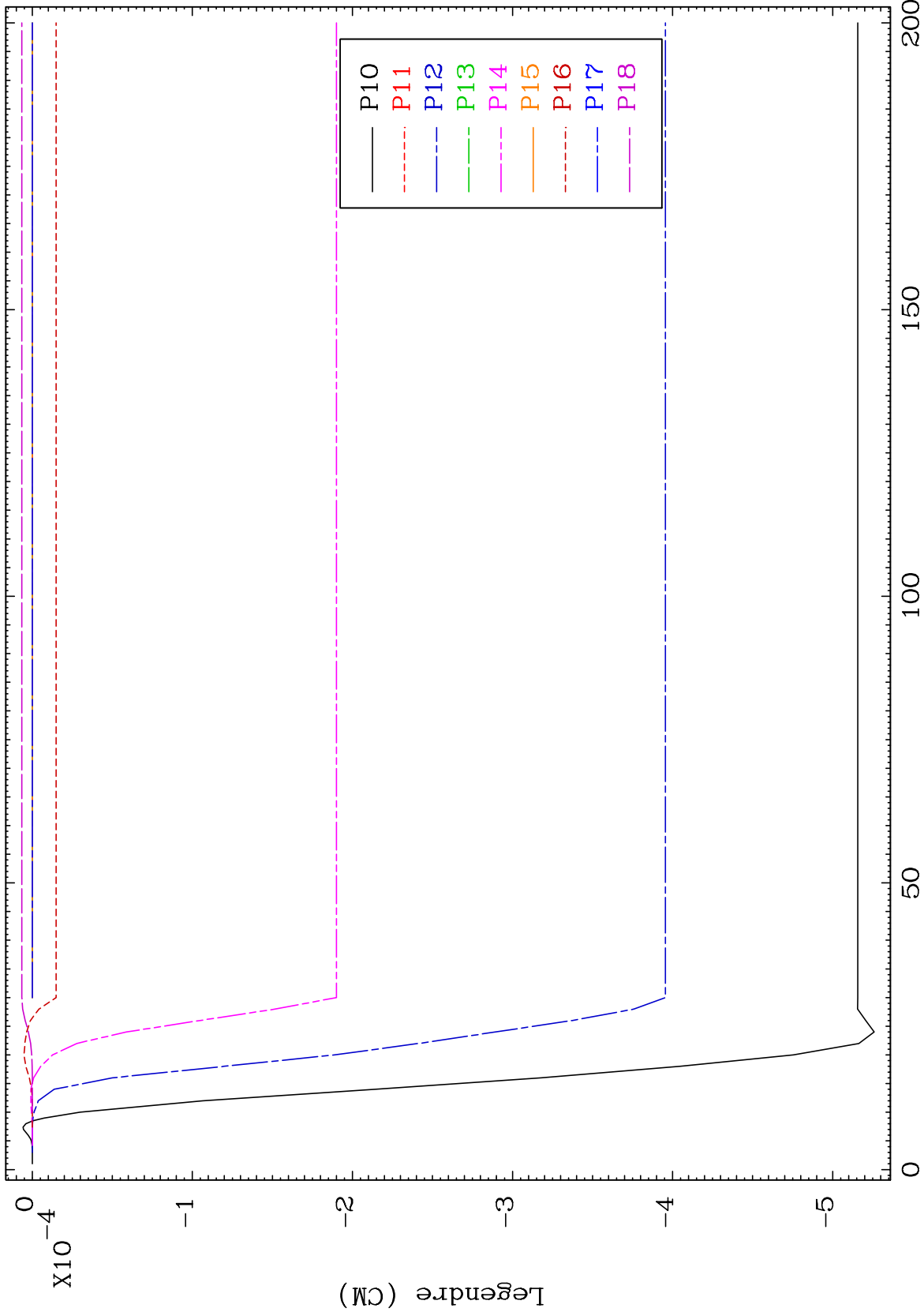
57-La-142

MAT 5737

MT= 54 (n,n') Level

57-La-142

Legendre Coefficients



57-La-142

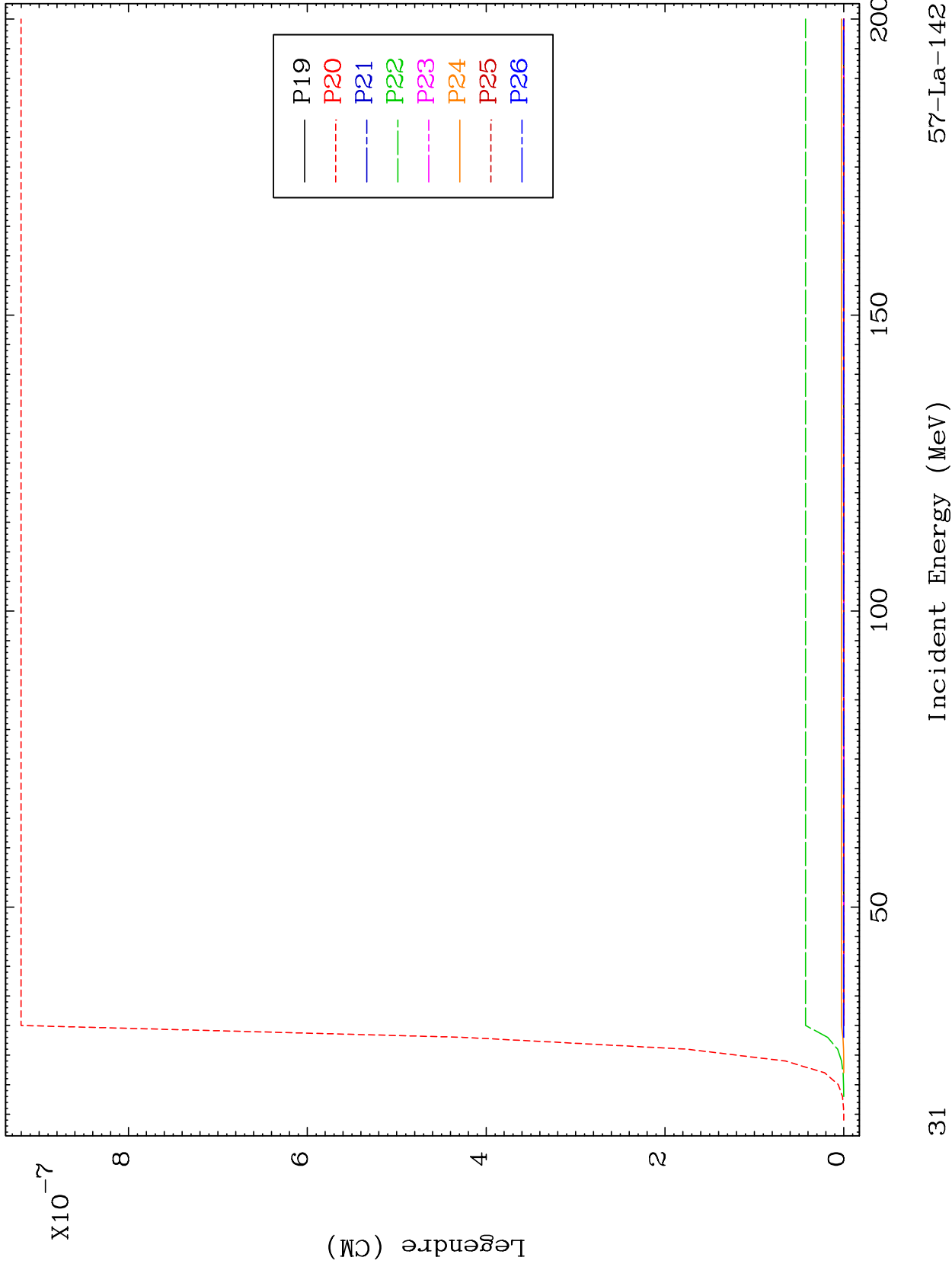
Incident Energy (MeV)

30

MAT 5737

MT= 54 (n,n') Level
Legendre Coefficients

57-La-142



31

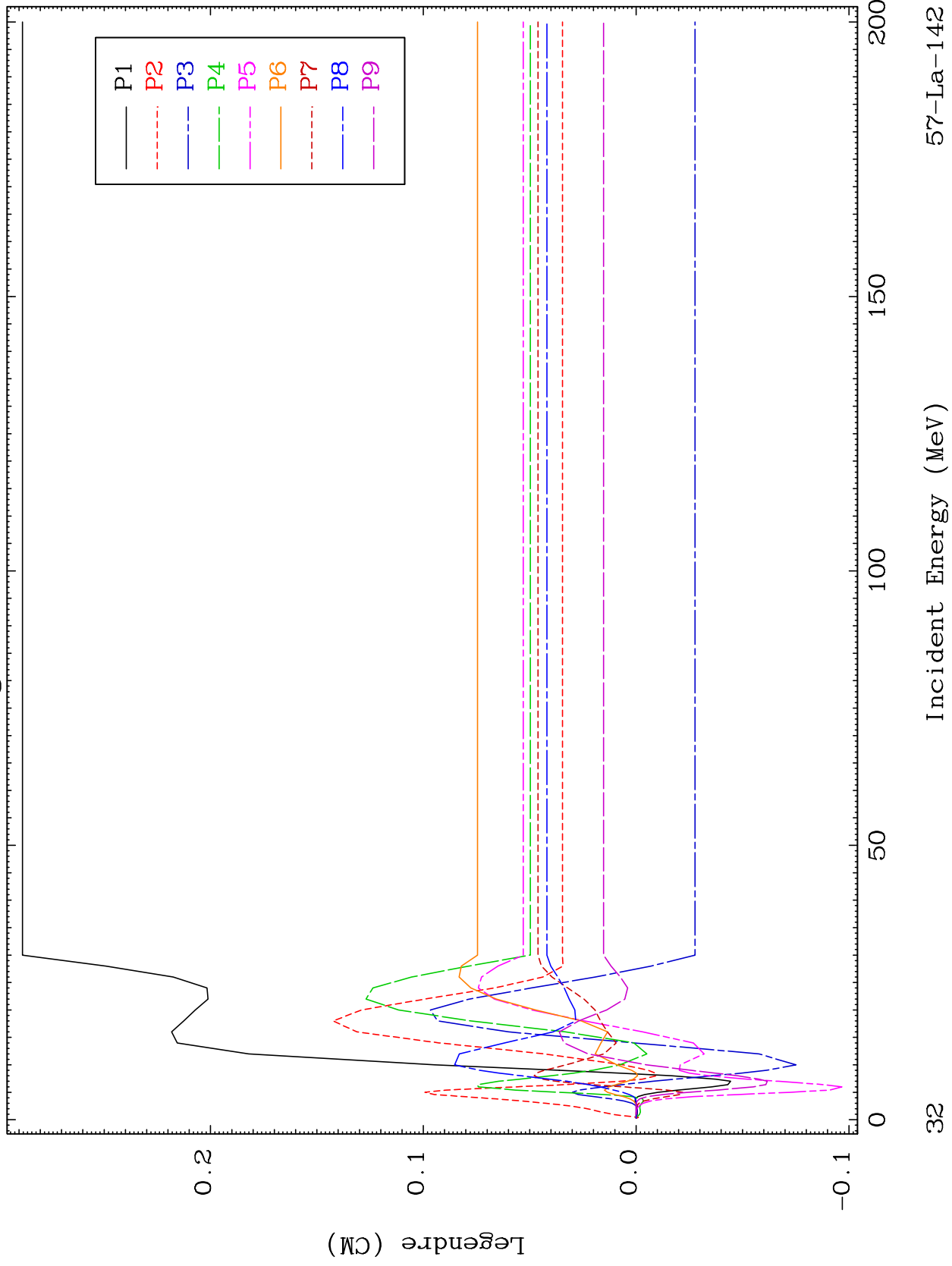
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 55 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

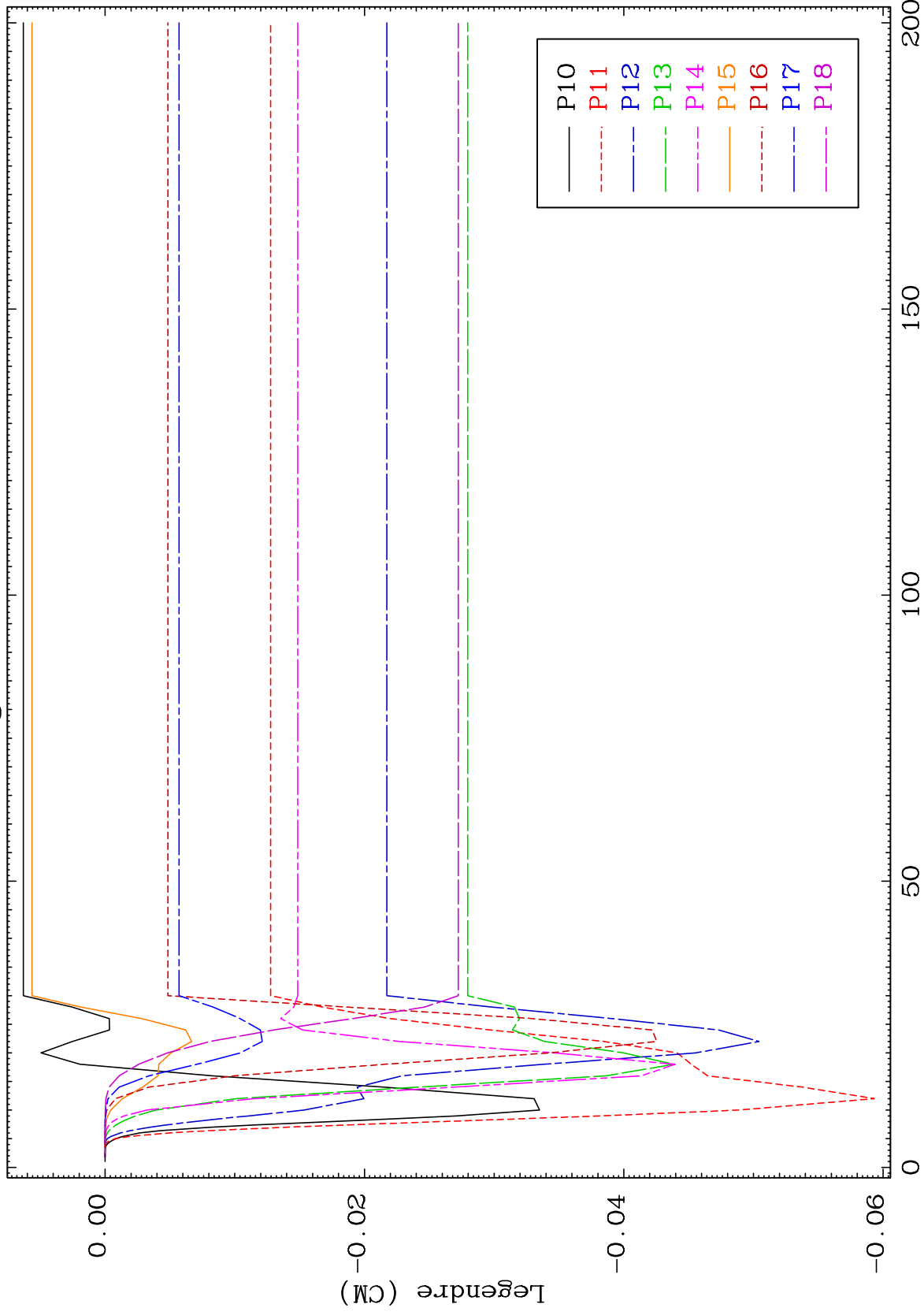
Incident Energy (MeV)

32

MAT 5737

MT= 55 (n,n') Level
Legendre Coefficients

57-La-142



33

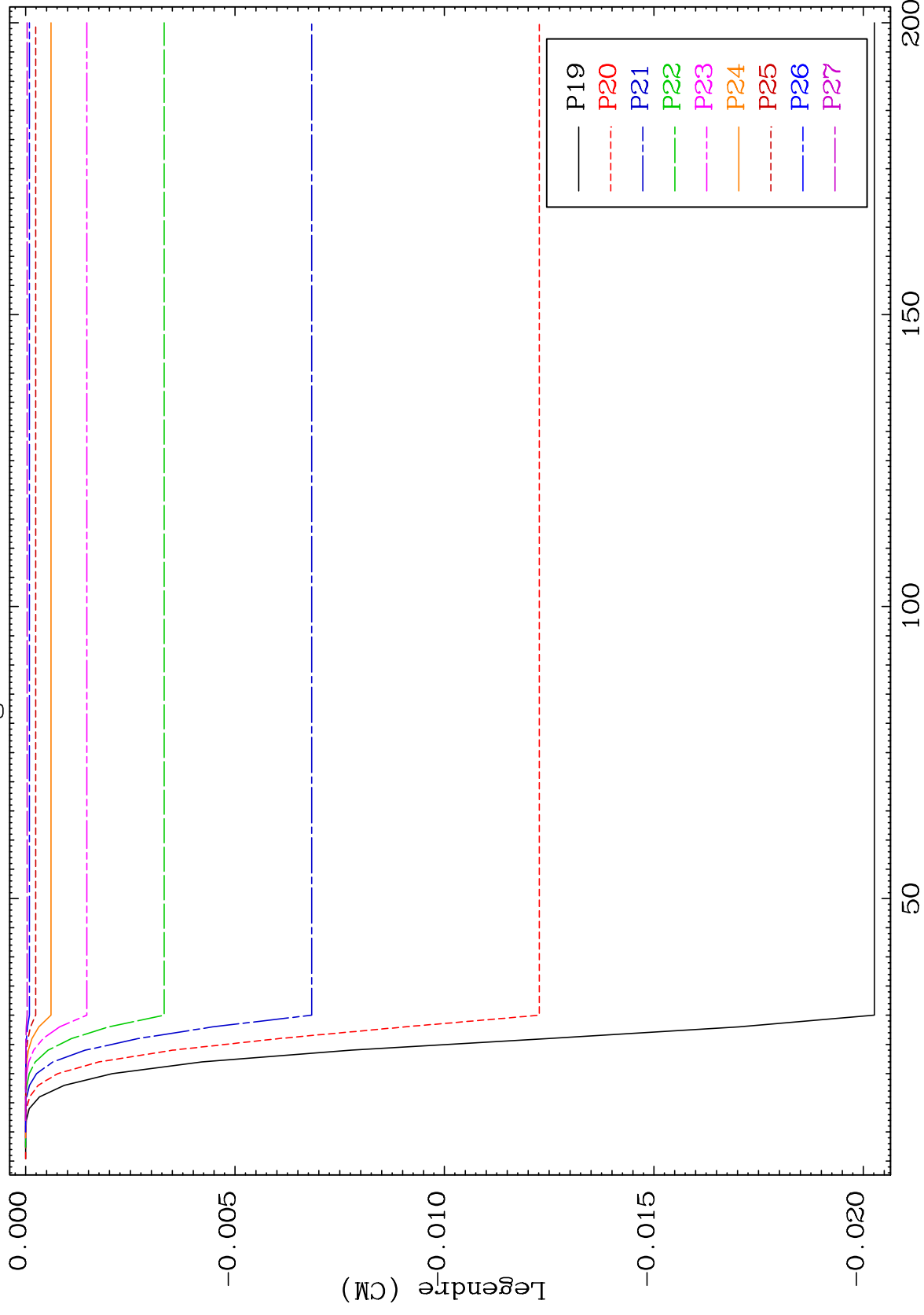
Incident Energy (MeV)

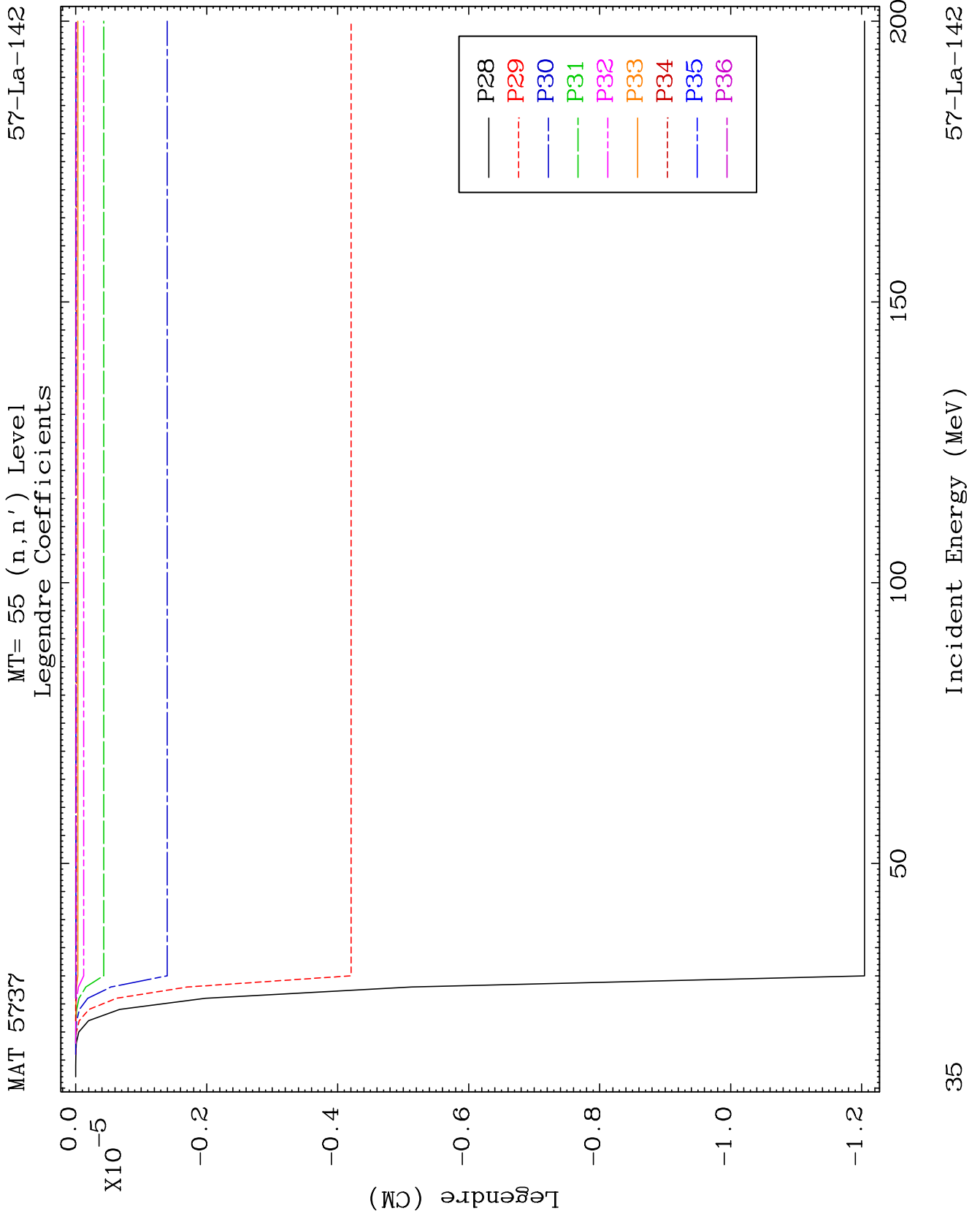
57-La-142

MAT 5737

MT= 55 (n,n') Level
Legendre Coefficients

57-La-142

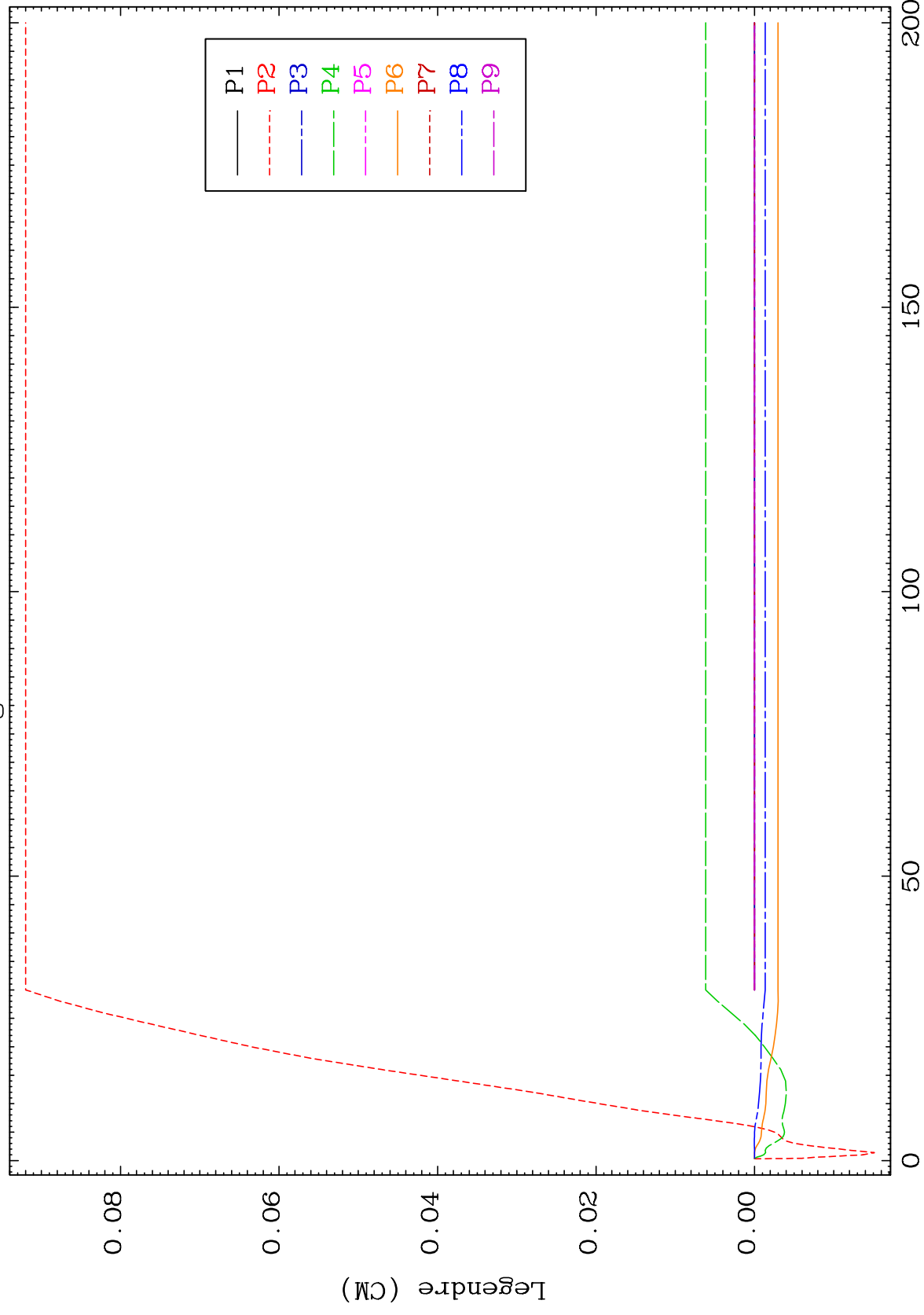




MAT 5737

MT= 56 (n,n') Level
Legendre Coefficients

57-La-142



36

Incident Energy (MeV)

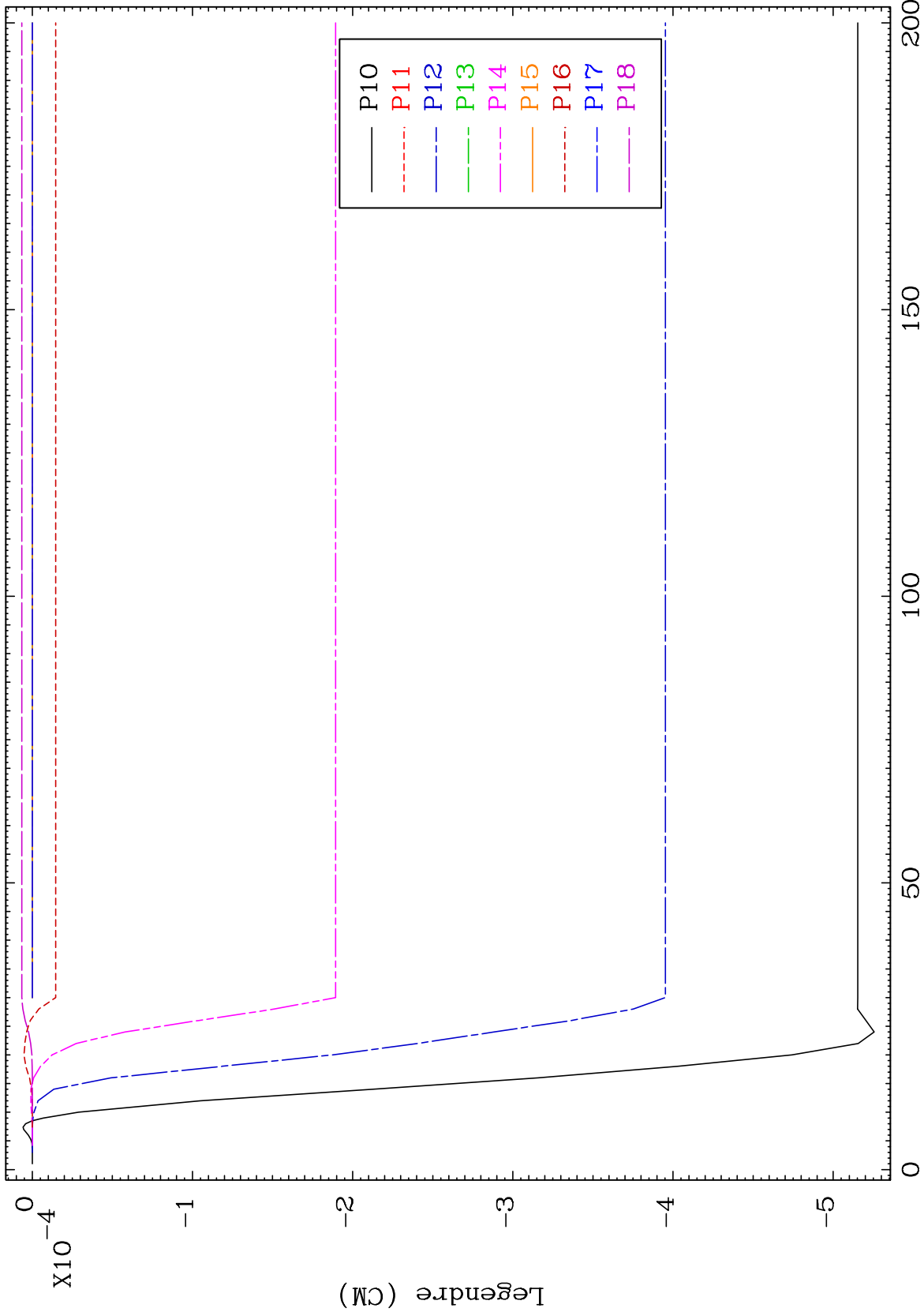
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MAT 5737

MT= 56 (n,n') Level

57-La-142

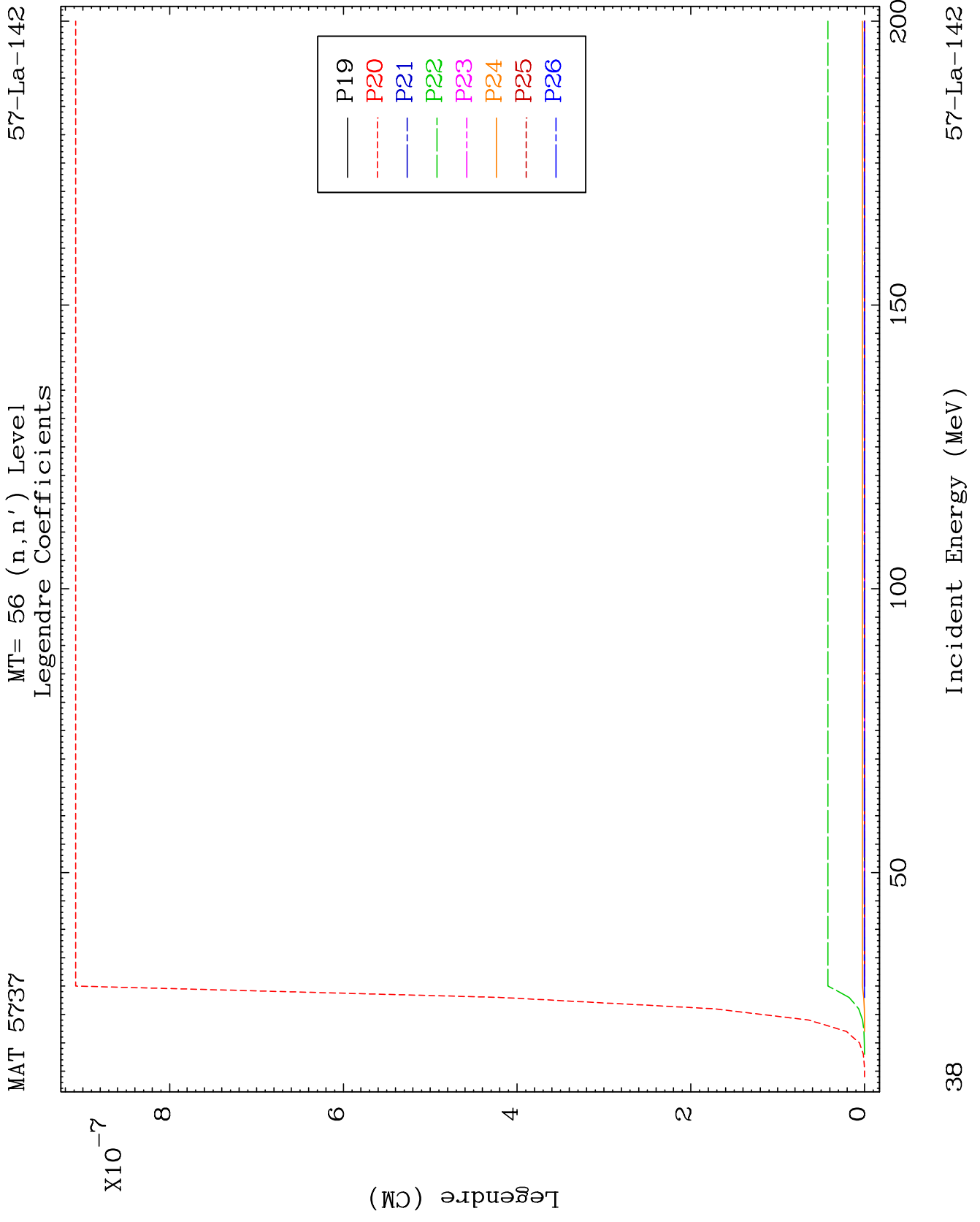
Legendre Coefficients



37

Incident Energy (MeV)

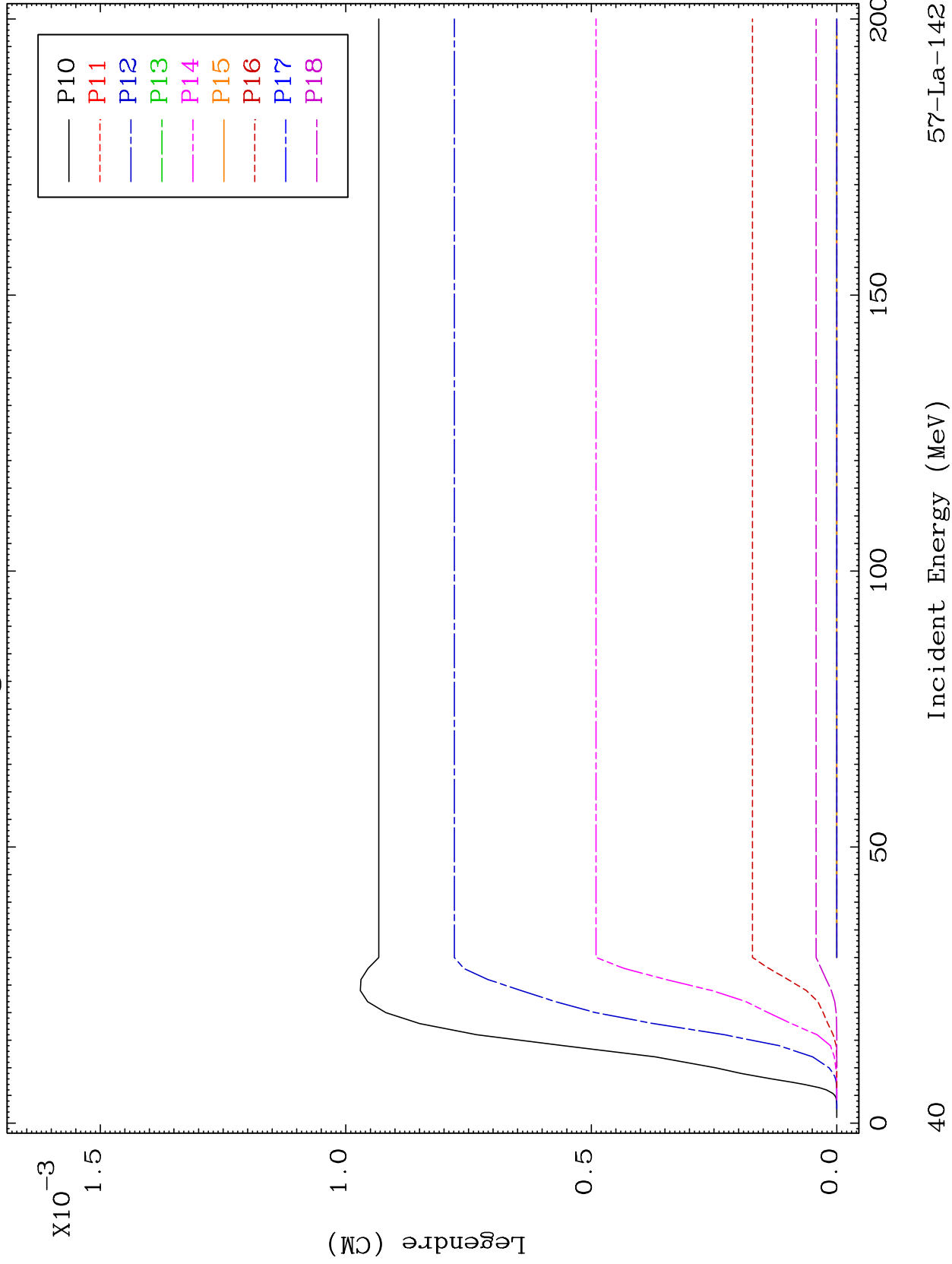
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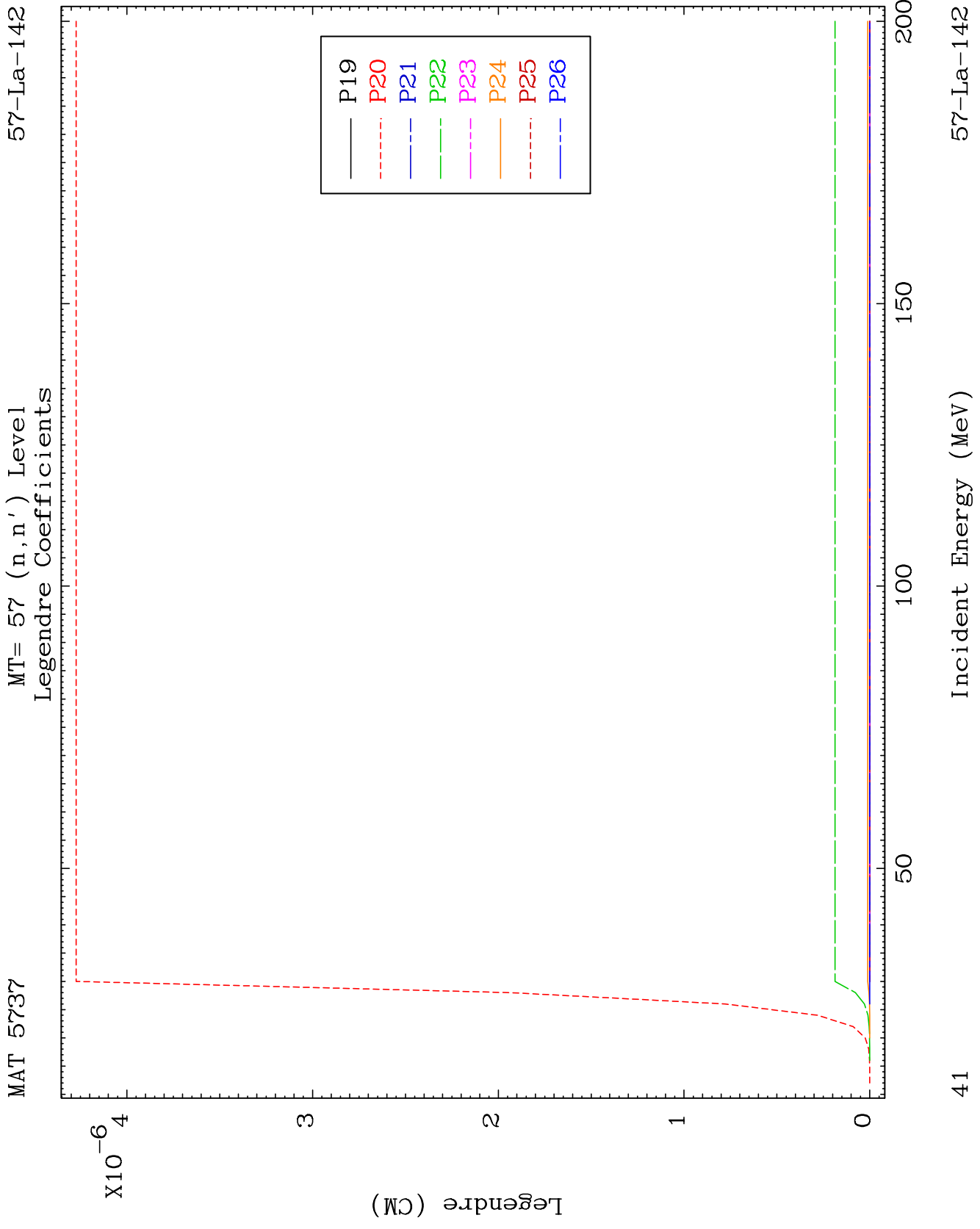


MAT 5737

MT= 57 (n,n') Level
Legendre Coefficients

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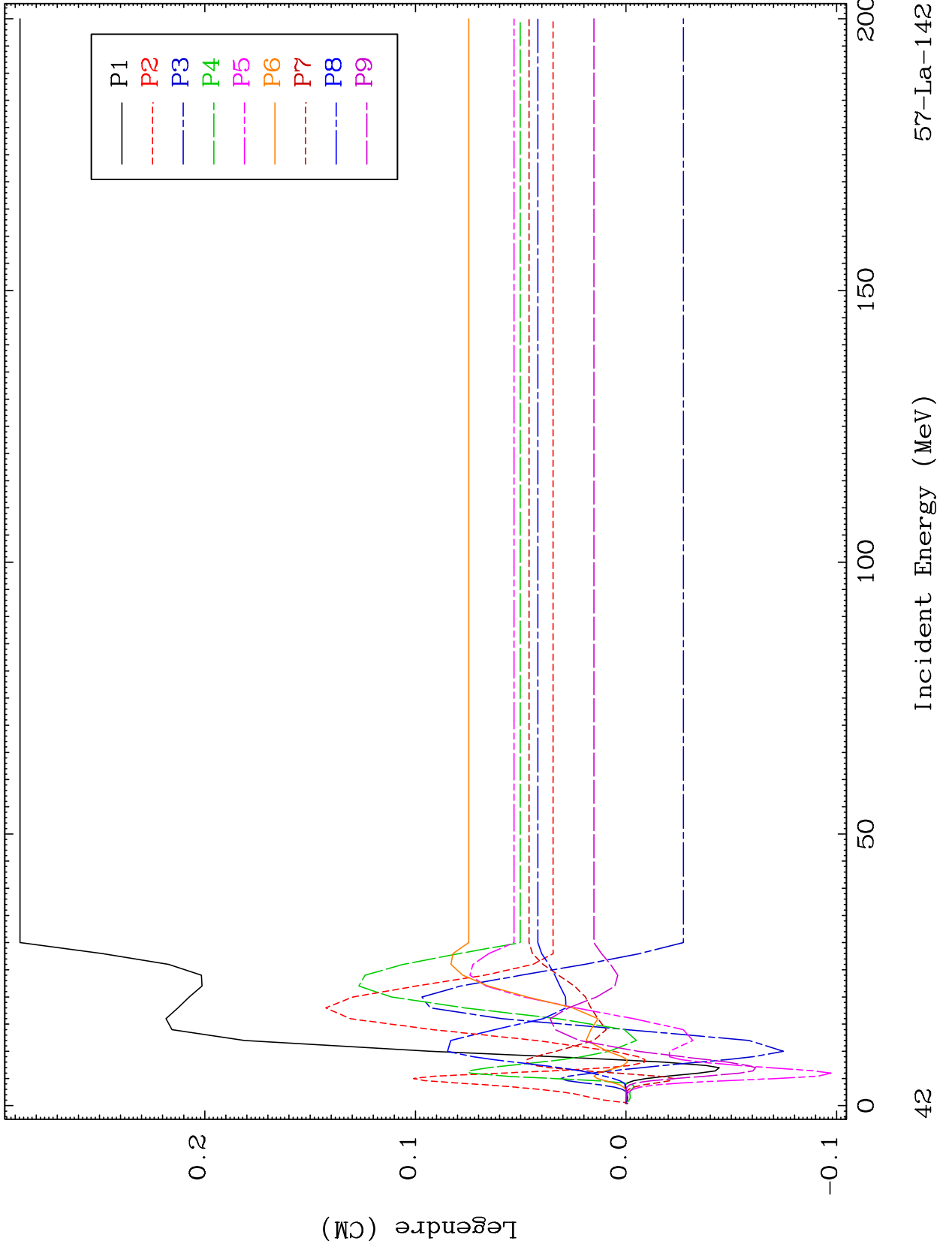




MAT 5737

MT= 58 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

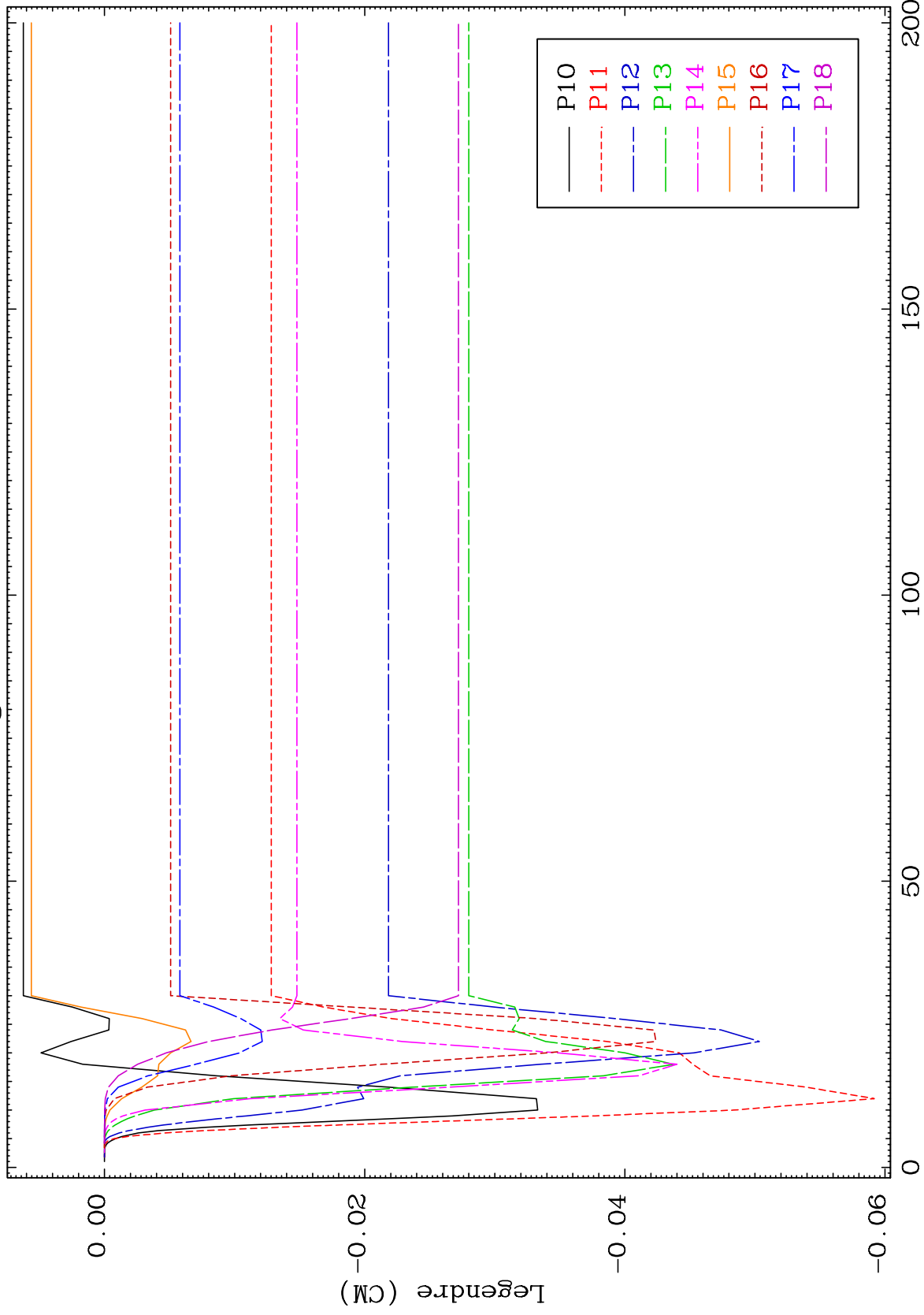
Incident Energy (MeV)

42

MAT 5737

MT= 58 (n,n') Level
Legendre Coefficients

57-La-142



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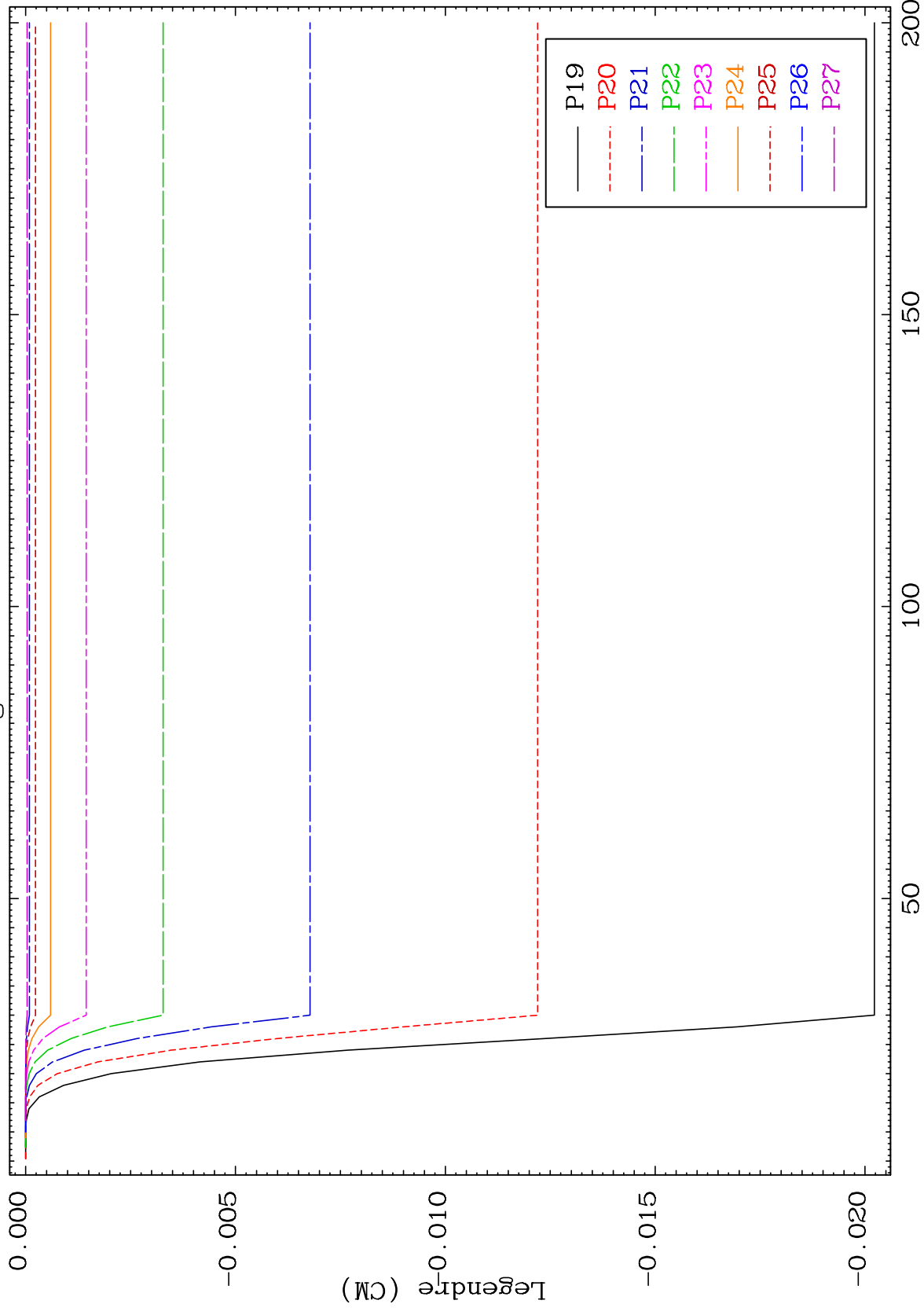
Incident Energy (MeV)

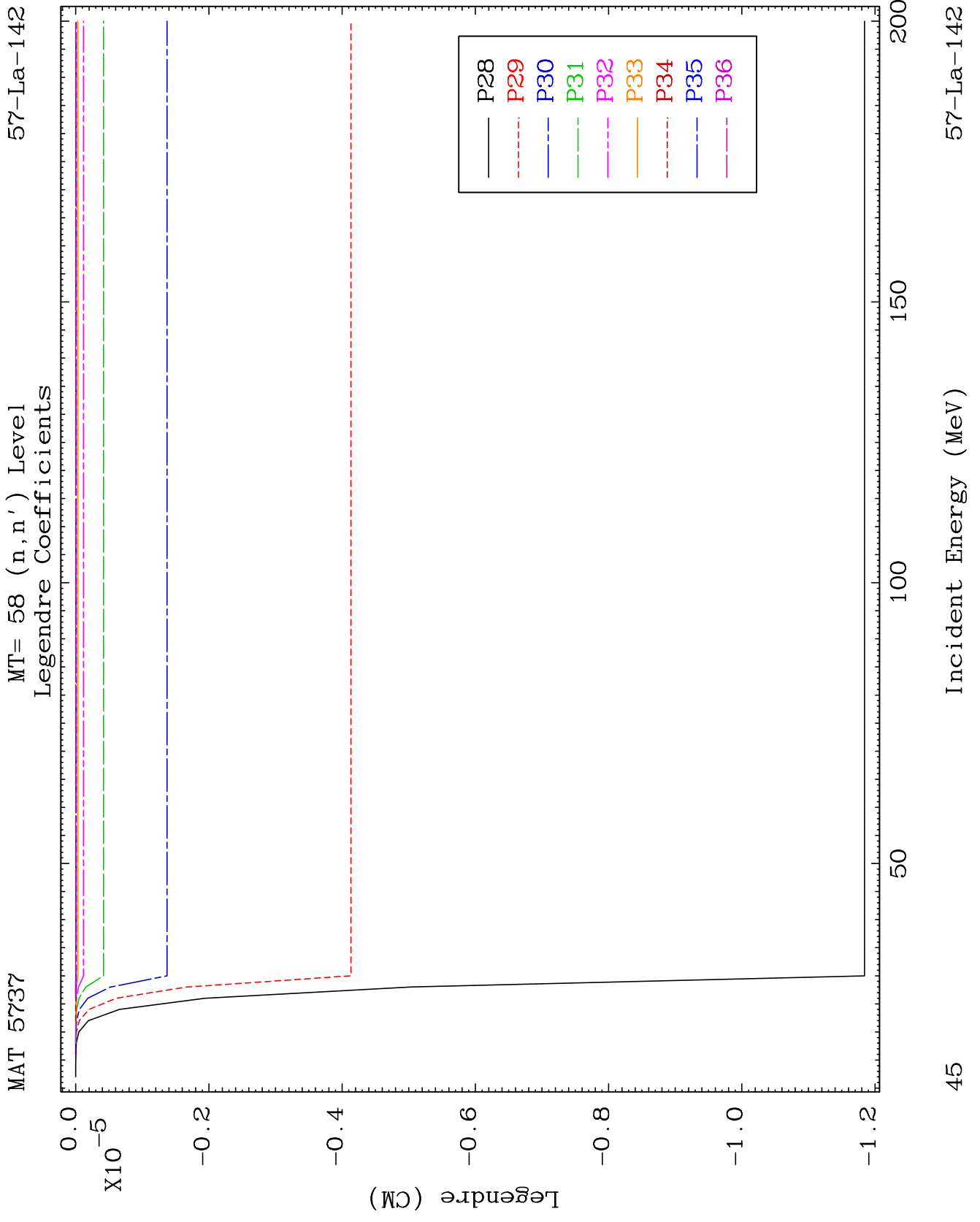
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MAT 5737

MT= 58 (n,n') Level
Legendre Coefficients

57-La-142



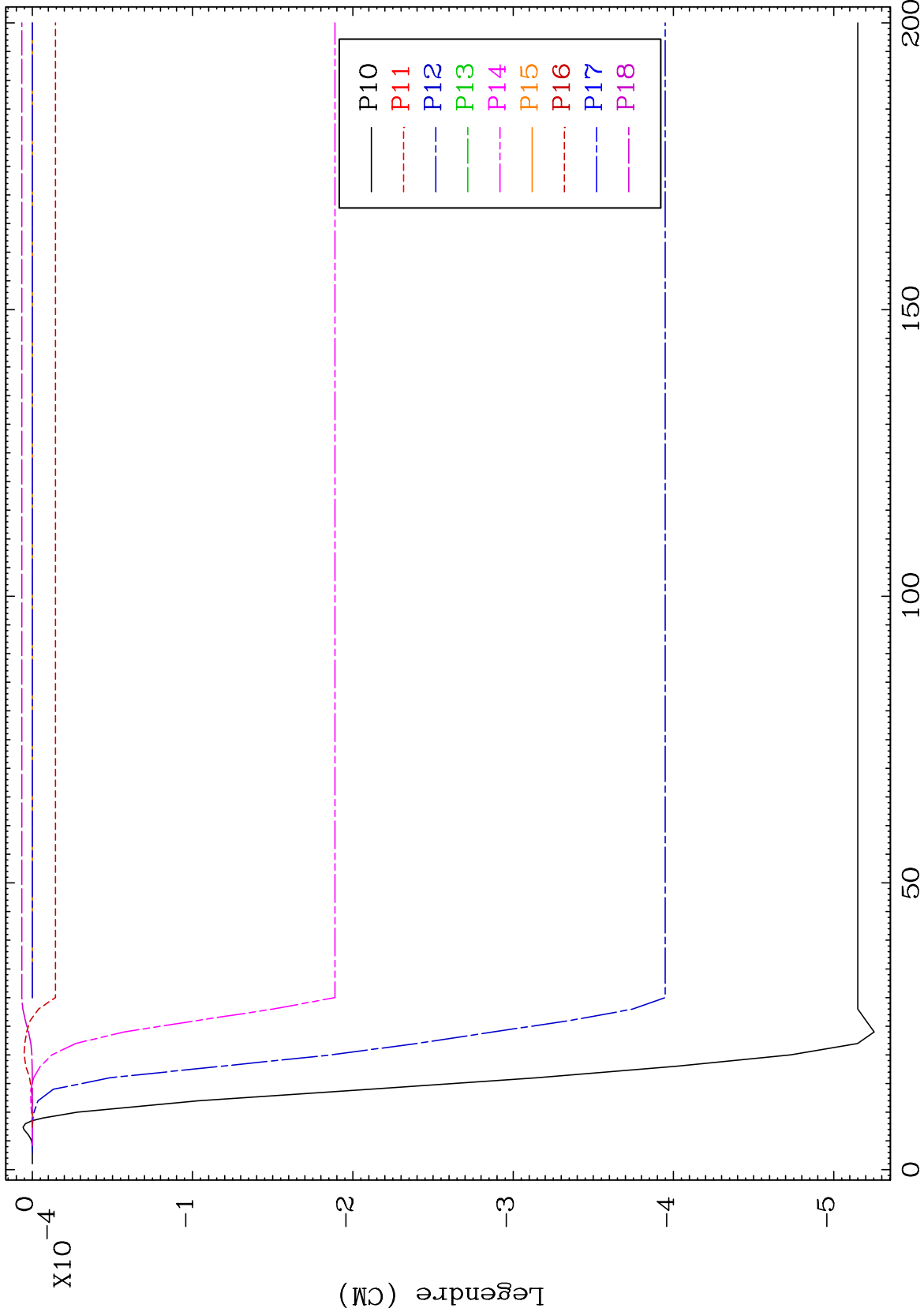


MAT 5737

MT= 59 (n,n') Level

57-La-142

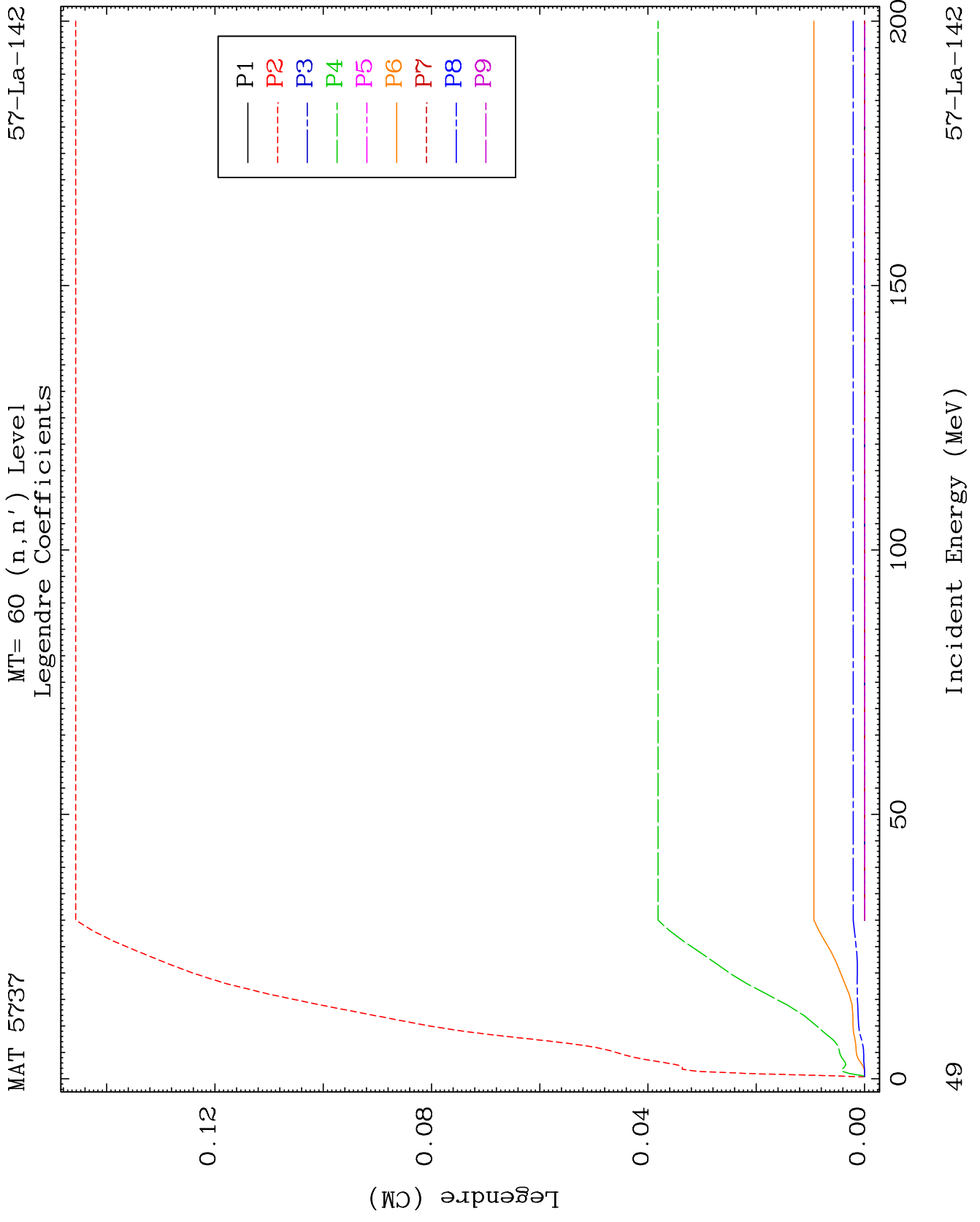
Legendre Coefficients



47

Incident Energy (MeV)

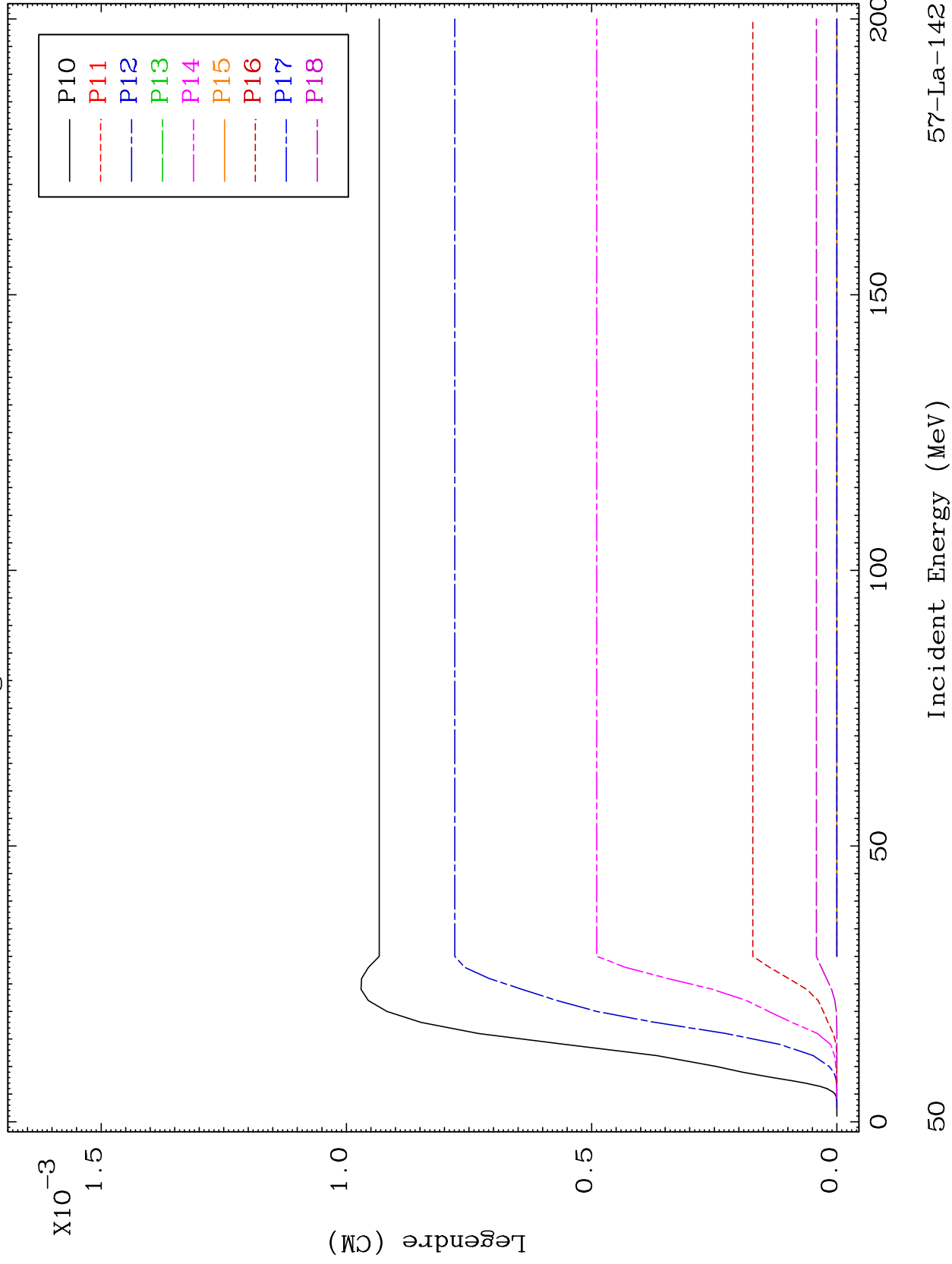
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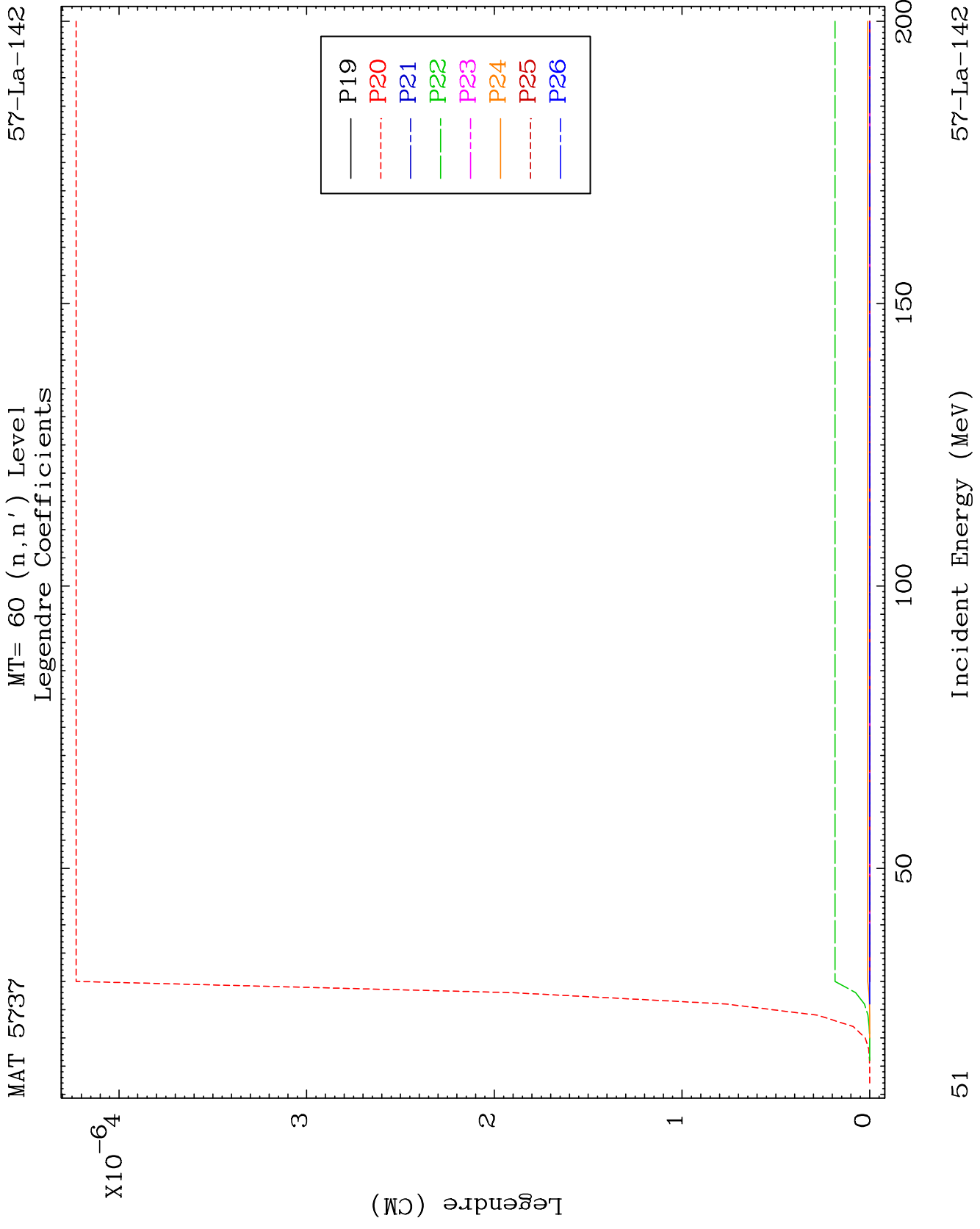


MAT 5737

MT= 60 (n,n') Level
Legendre Coefficients

57-La-142

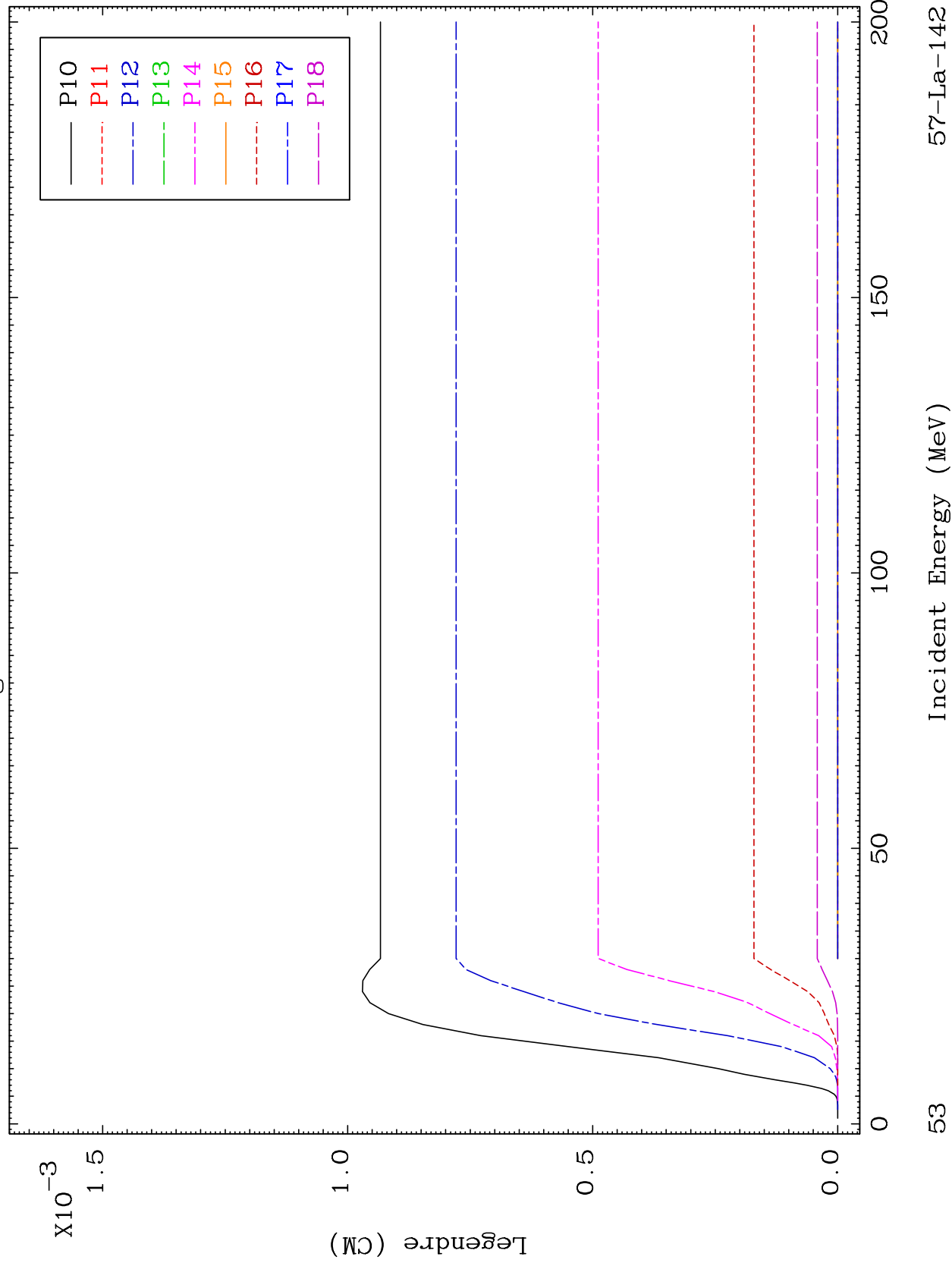




MAT 5737

MT= 61 (n,n') Level
Legendre Coefficients

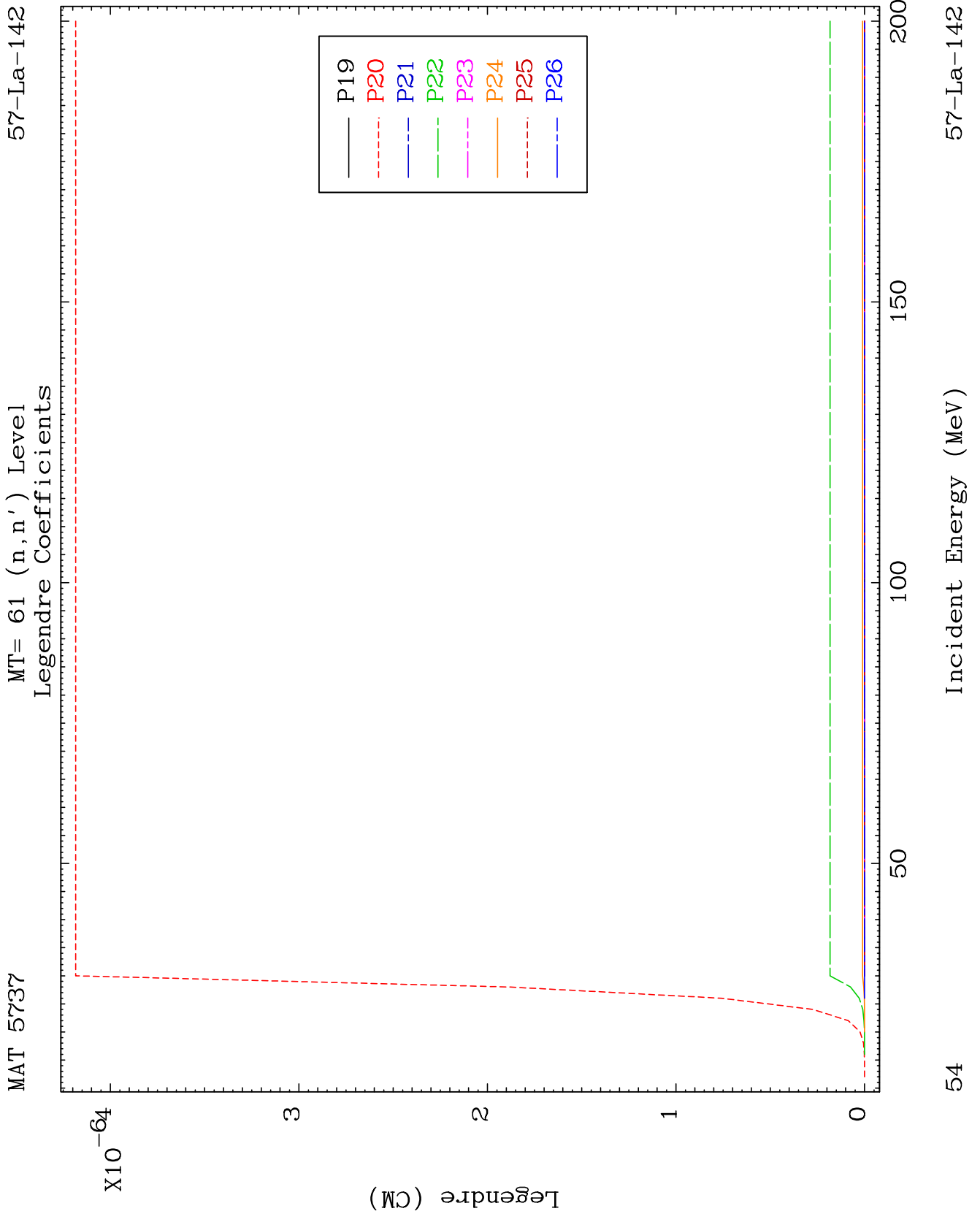
57-La-142



57-La-142

Incident Energy (MeV)

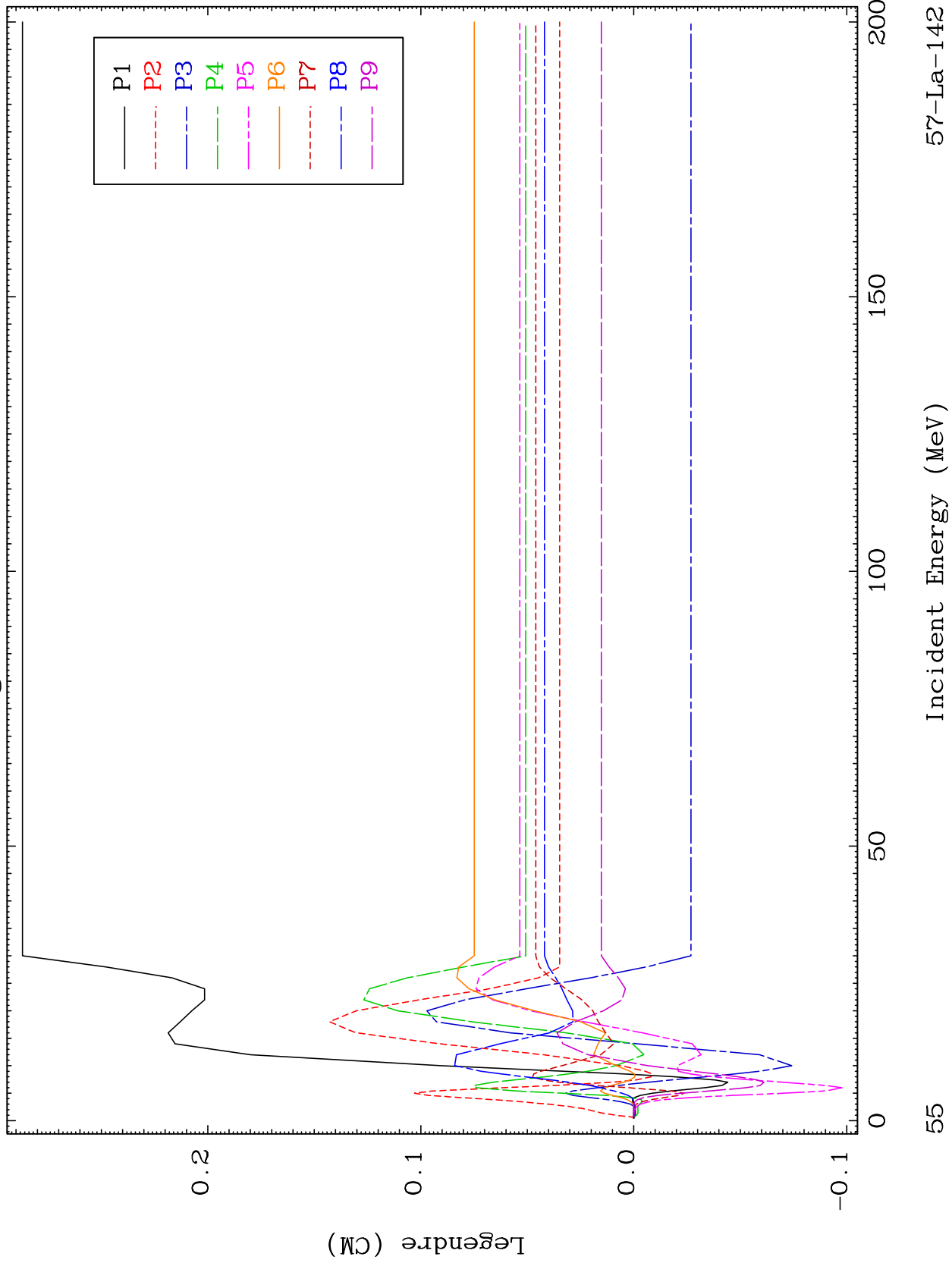
53



MAT 5737

MT= 62 (n,n') Level
Legendre Coefficients

57-La-142



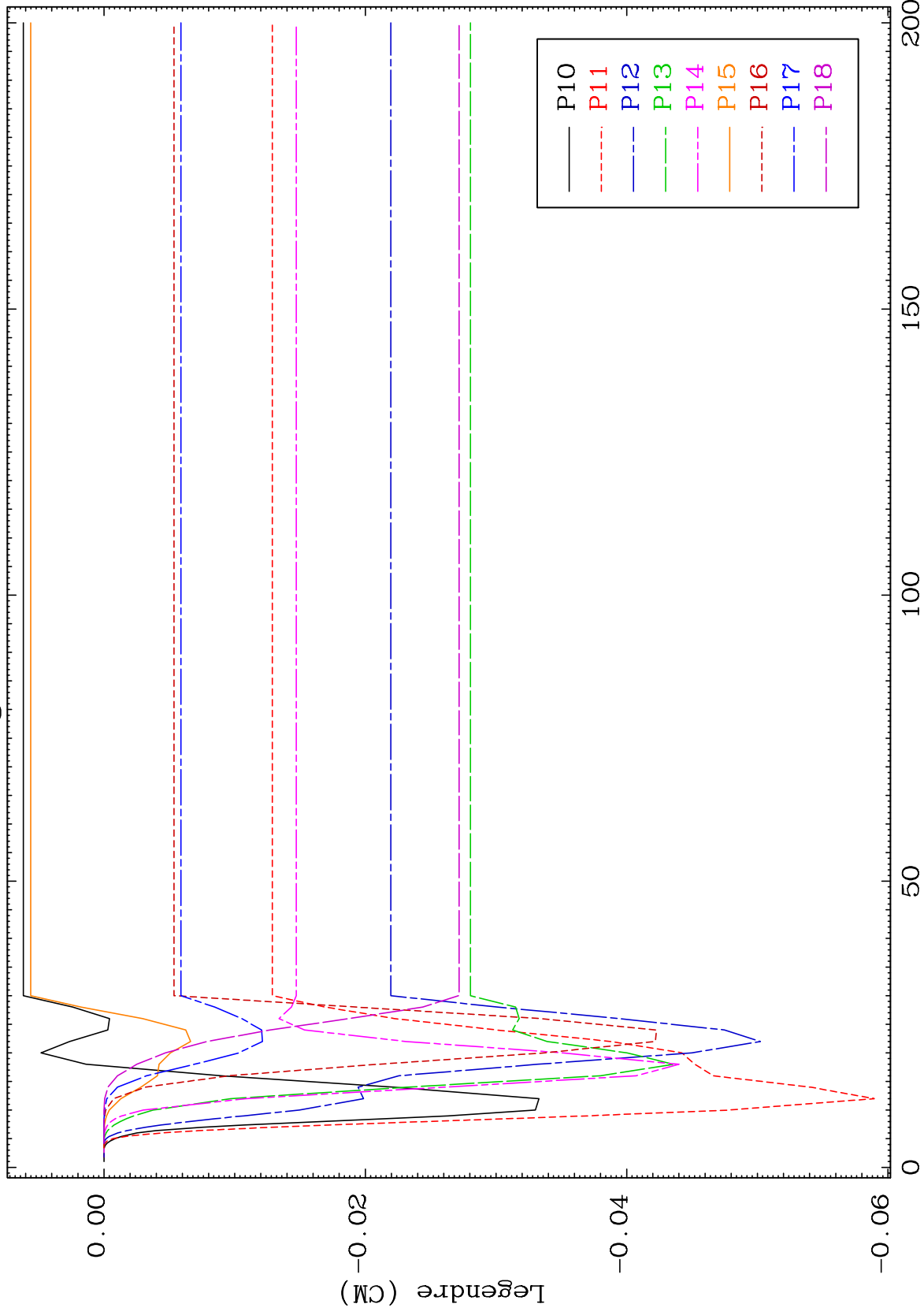
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57-La-142

MAT 5737

MT= 62 (n,n') Level
Legendre Coefficients

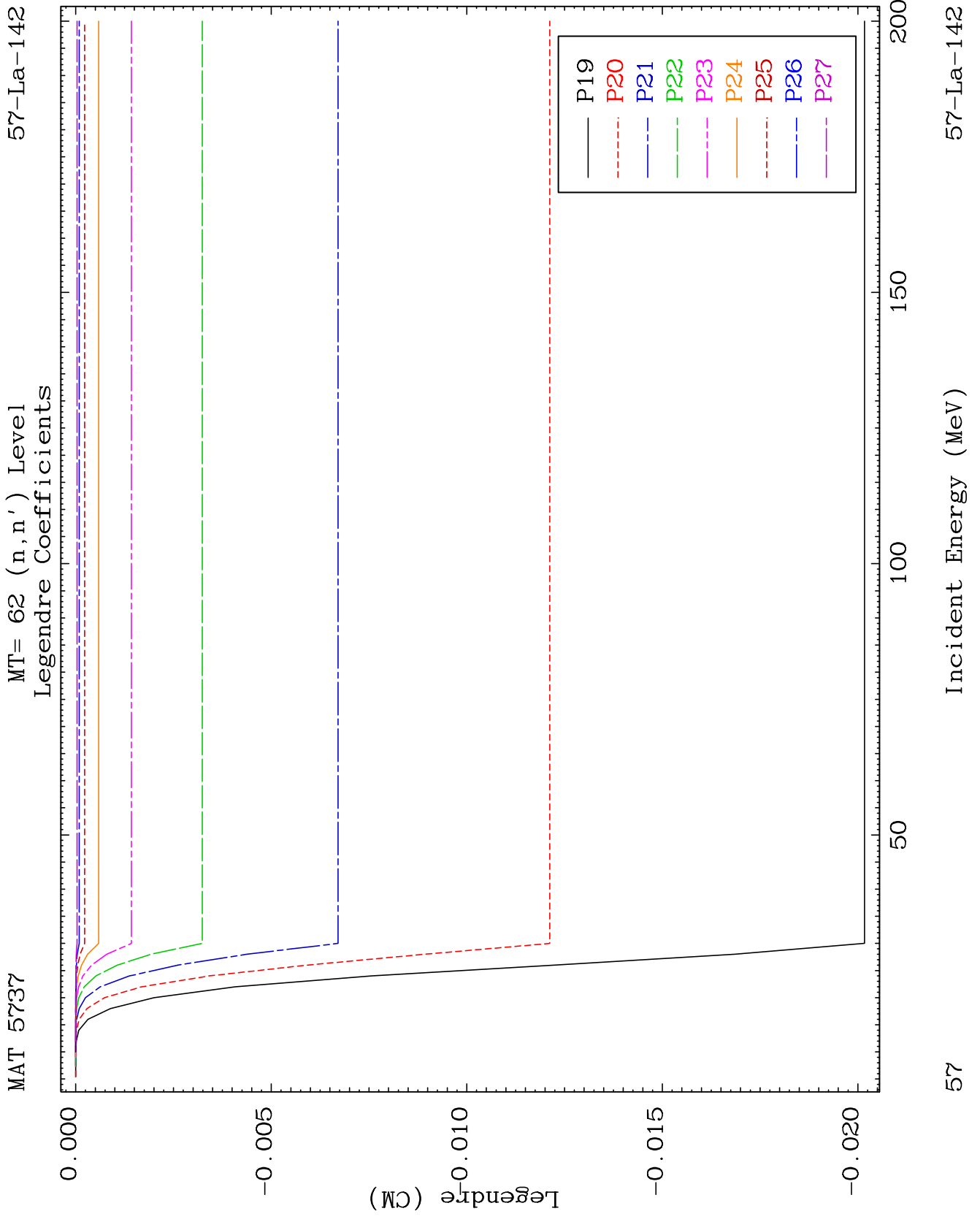
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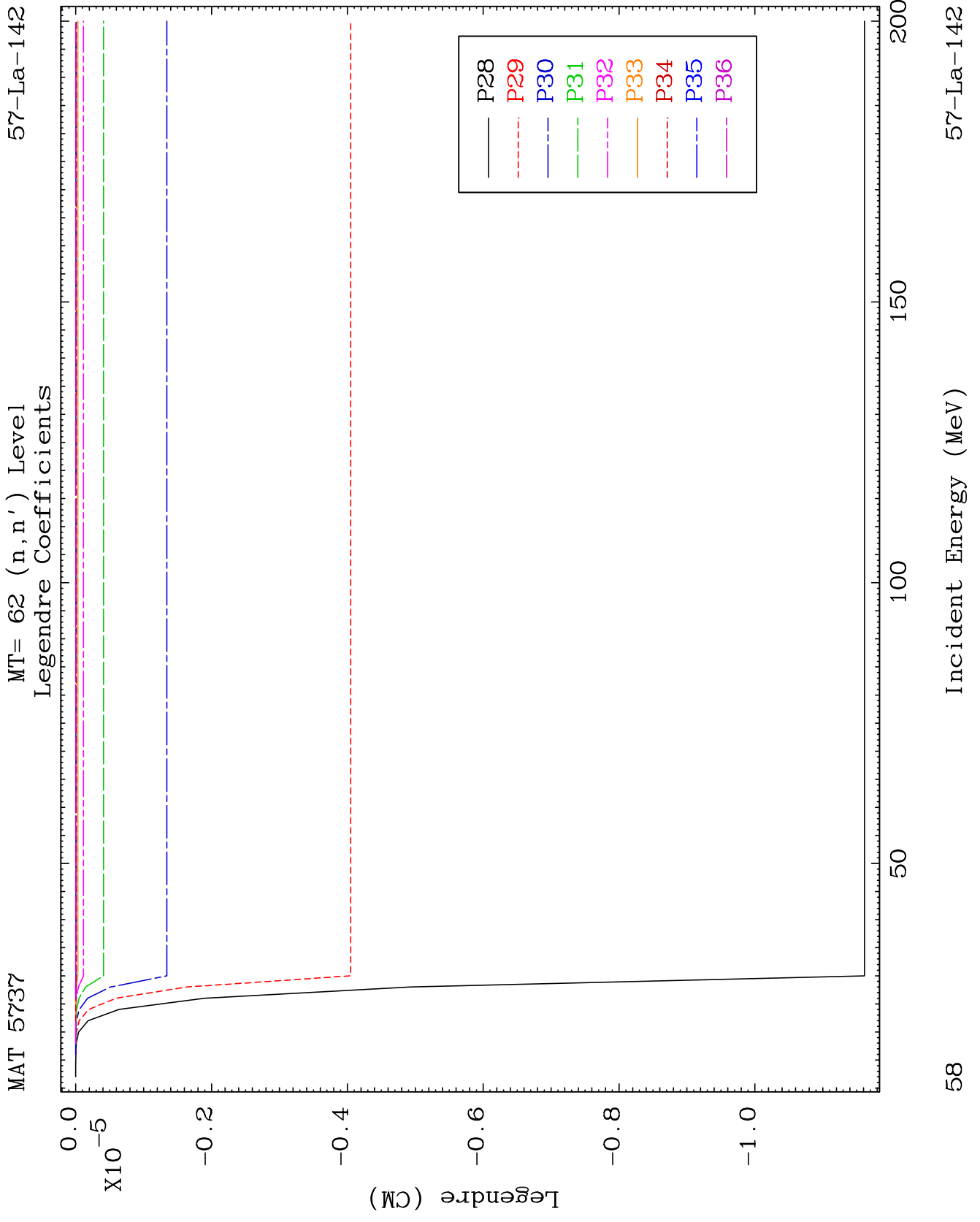


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Incident Energy (MeV)

57-La-142

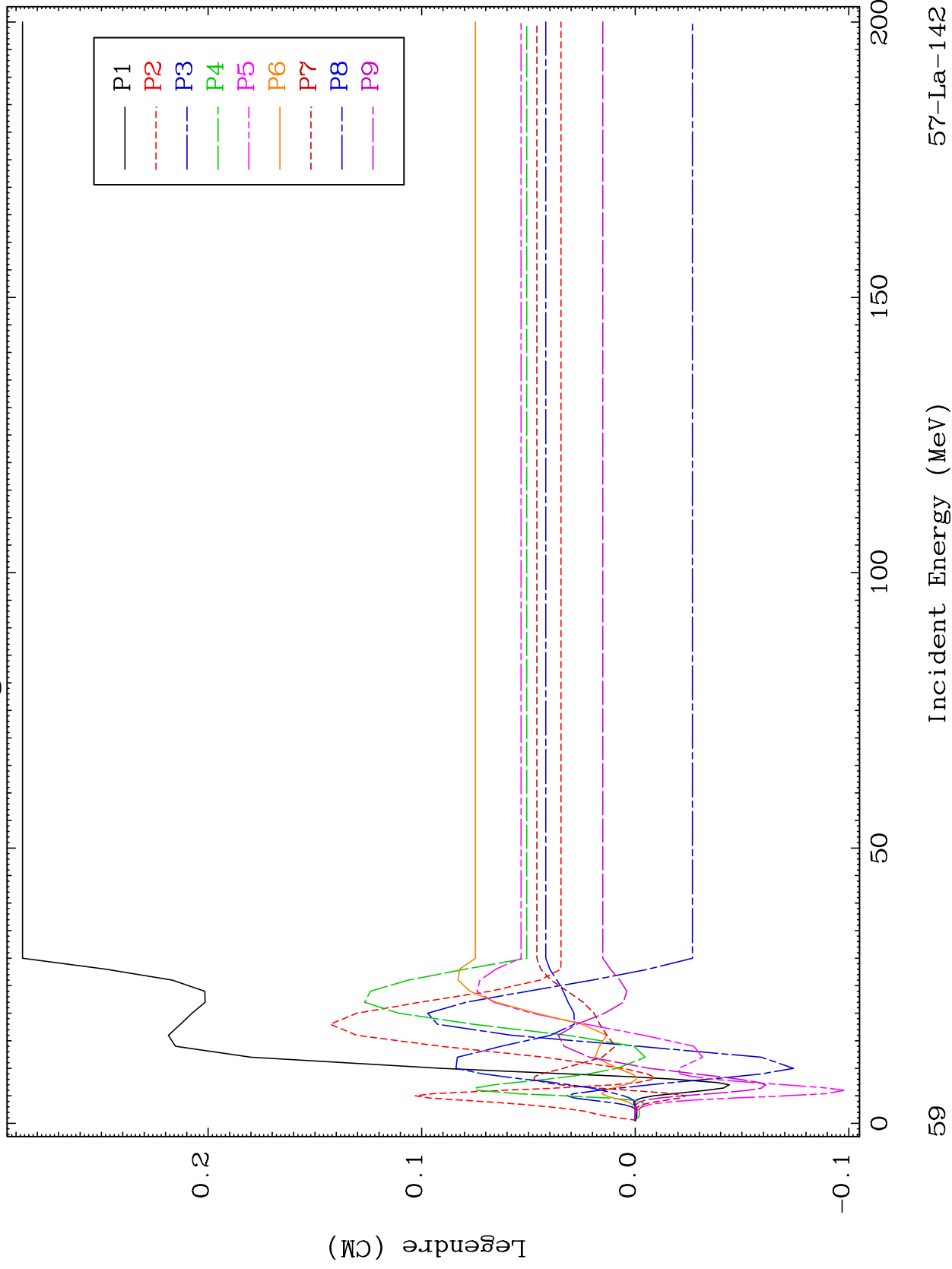




MAT 5737

MT= 63 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

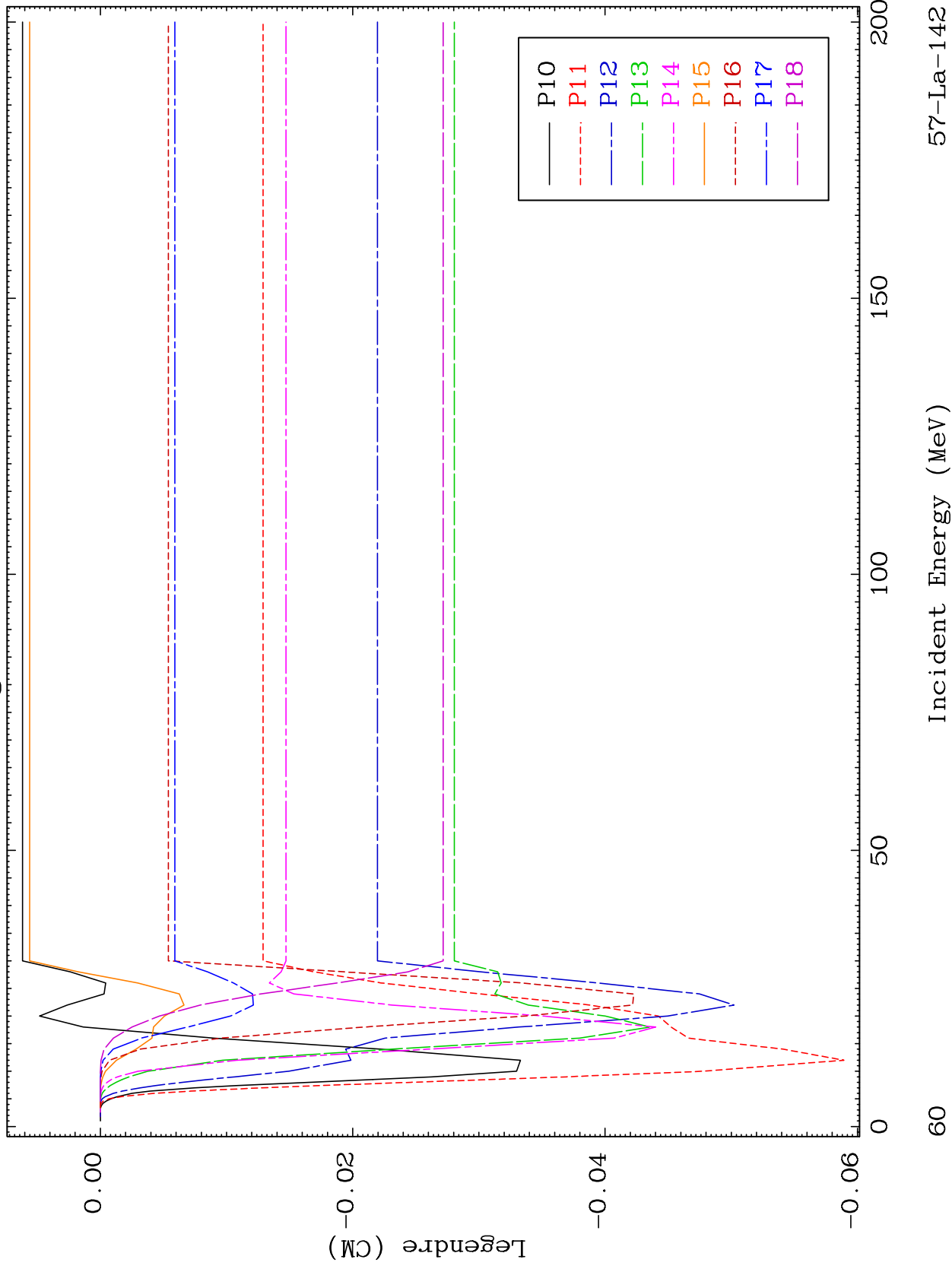
Incident Energy (MeV)

59

MAT 5737

MT= 63 (n,n') Level
Legendre Coefficients

57-La-142

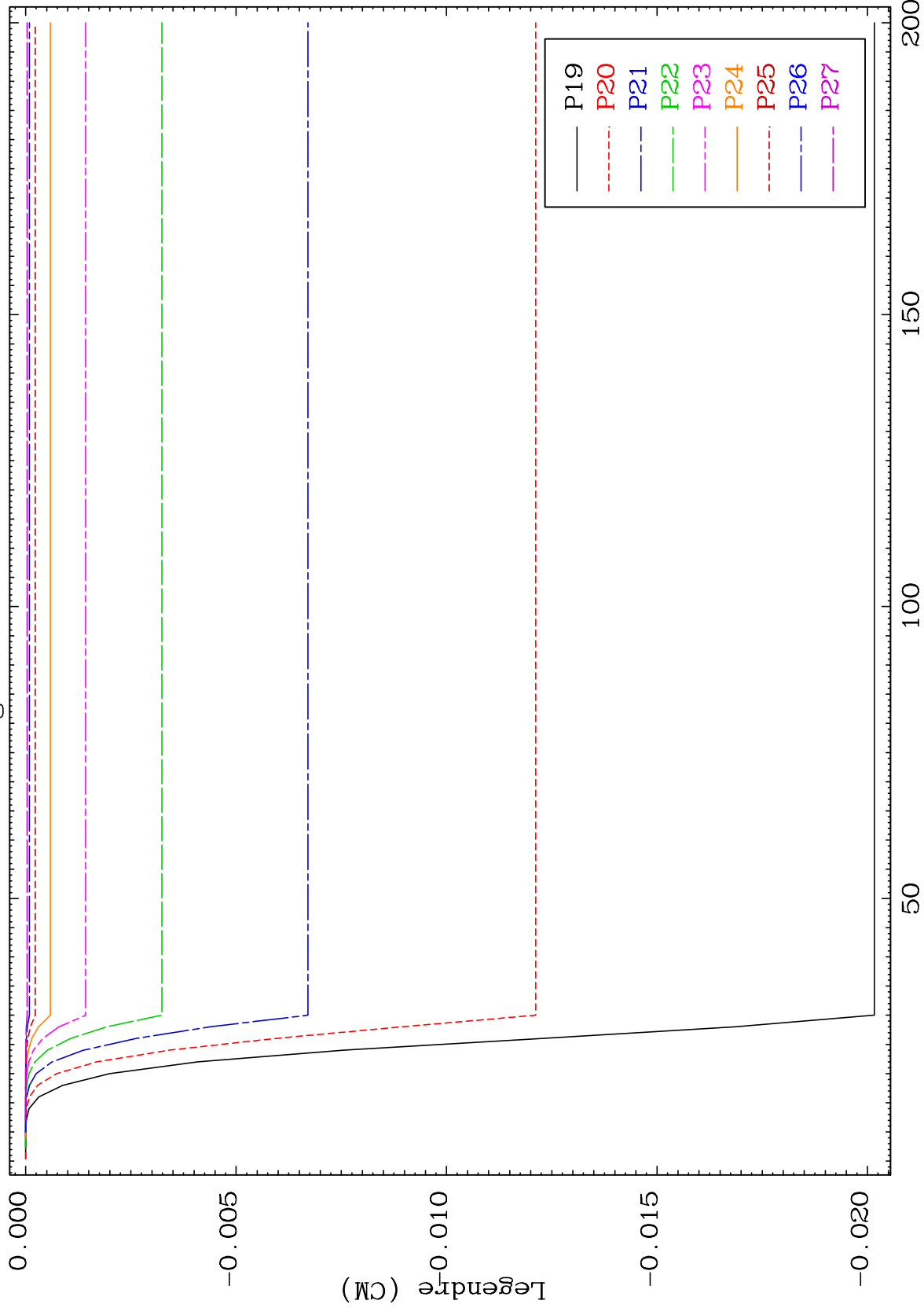


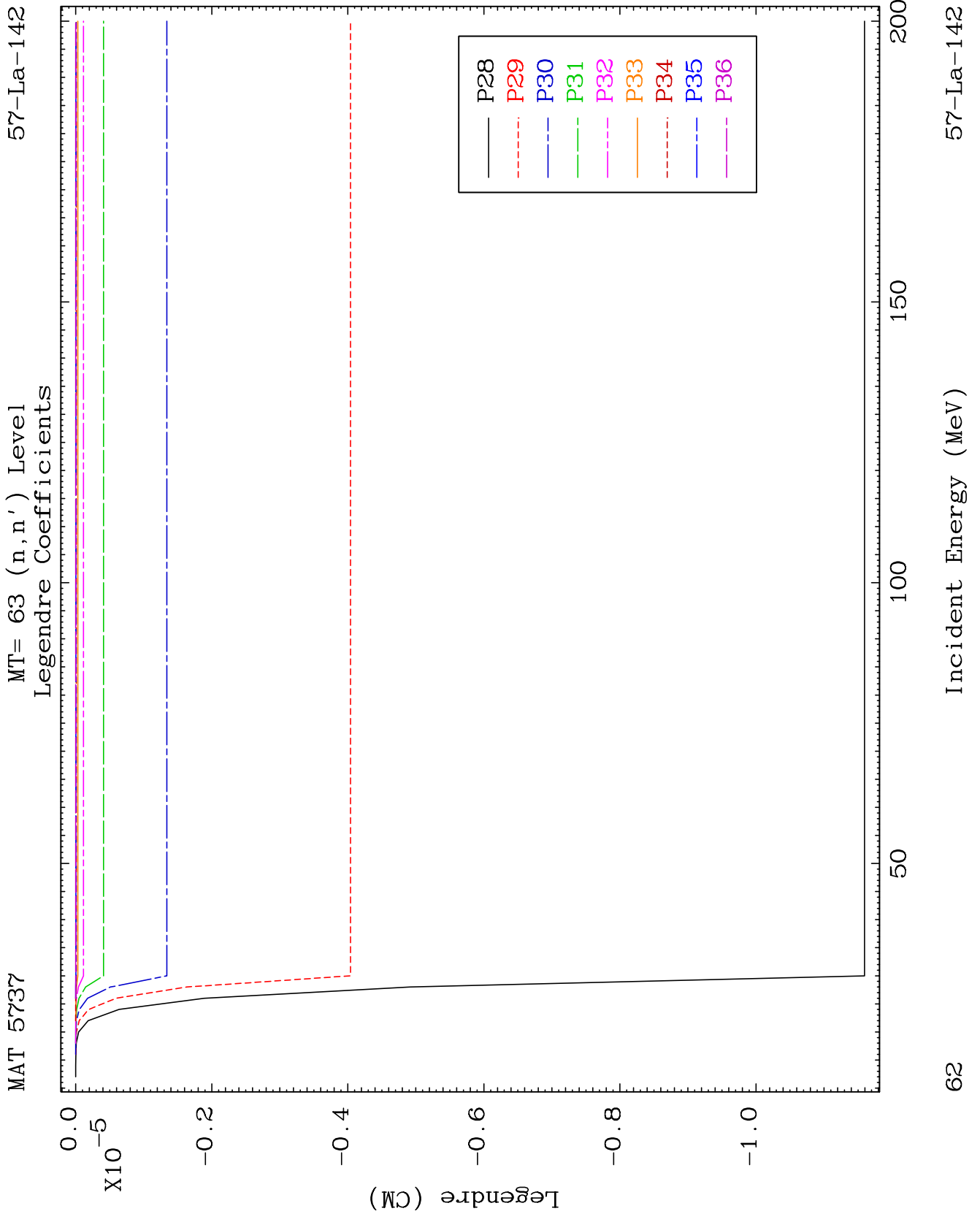
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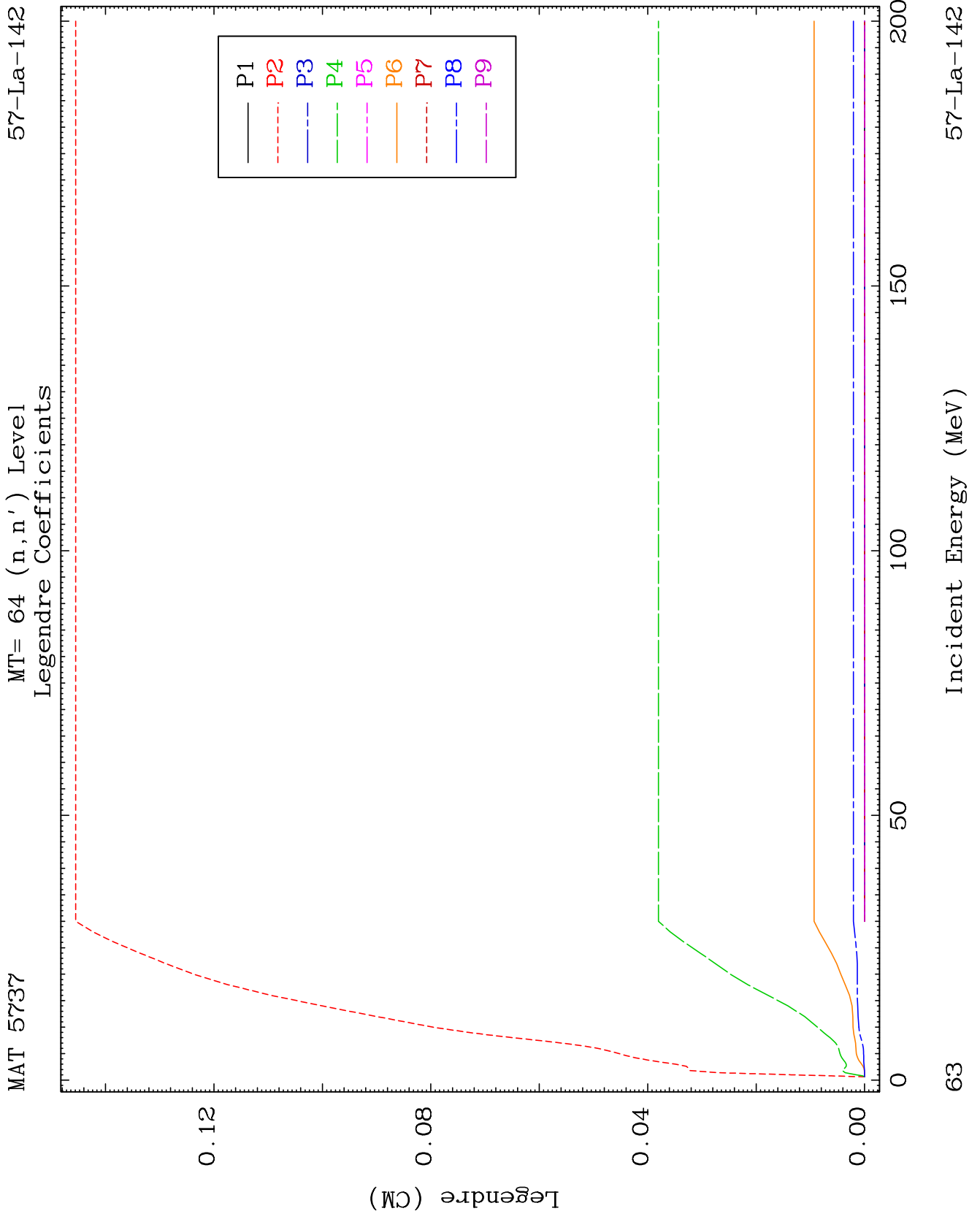
MAT 5737

MT= 63 (n,n') Level
Legendre Coefficients

57-La-142



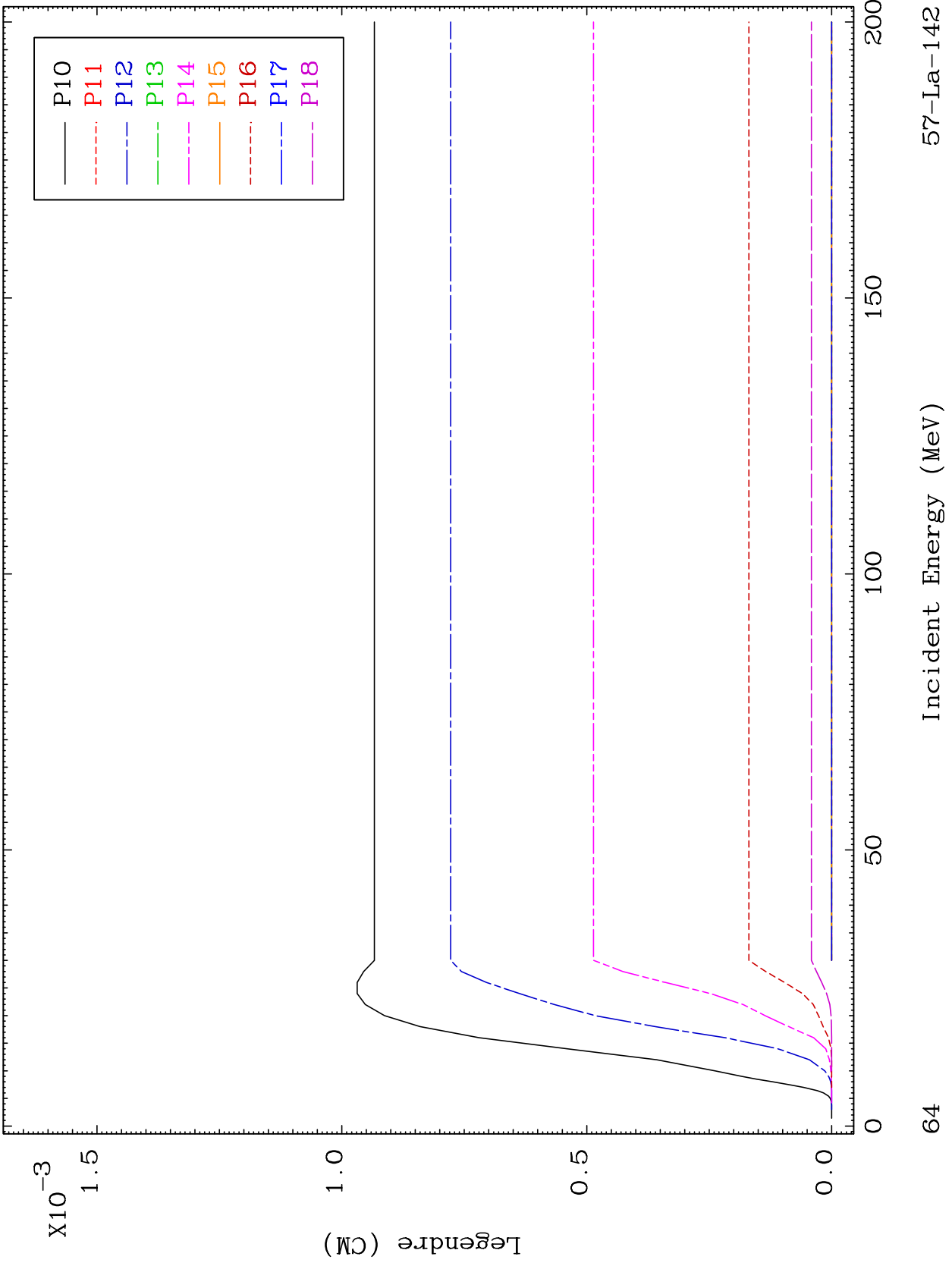


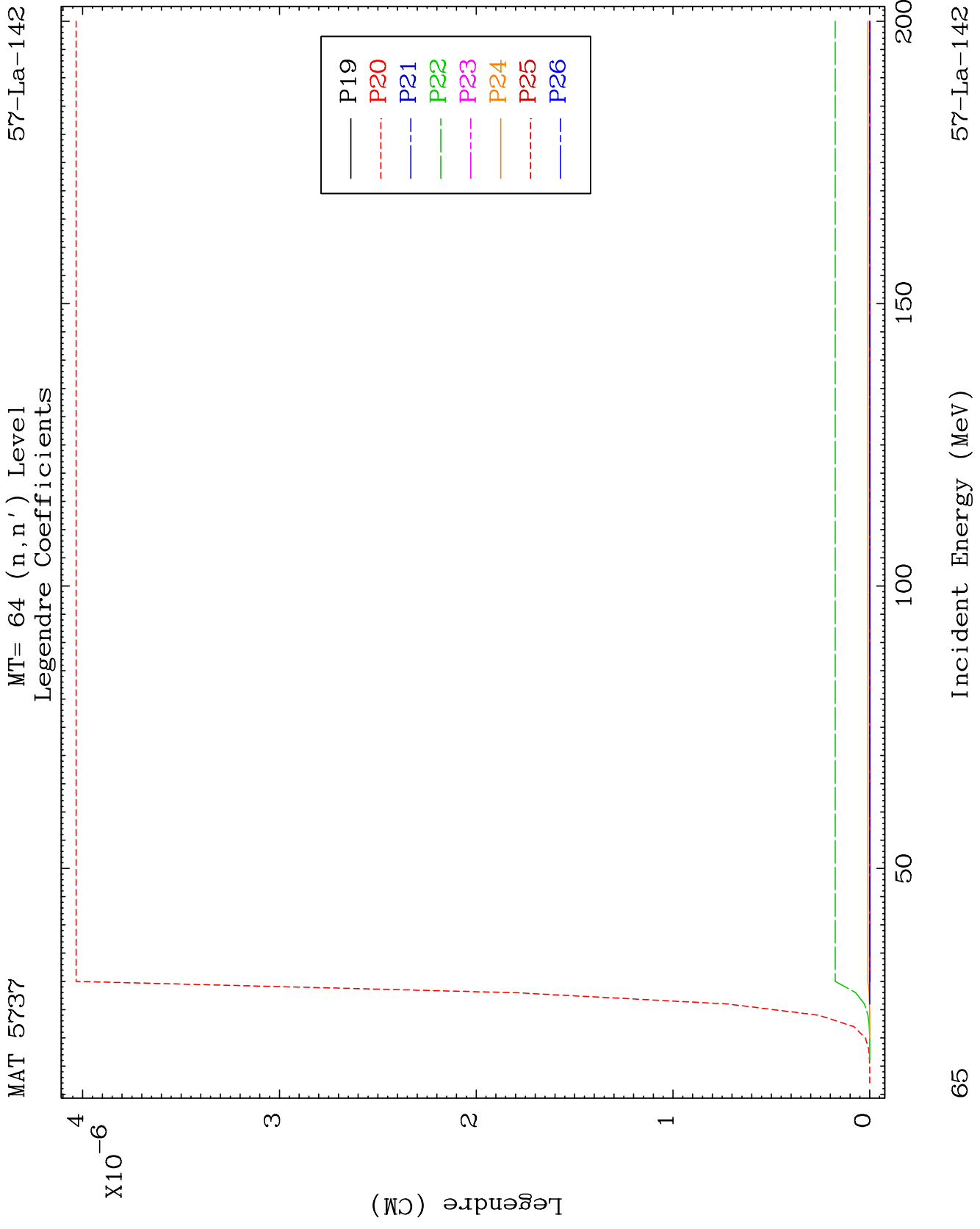


MAT 5737

MT= 64 (n,n') Level
Legendre Coefficients

57-La-142

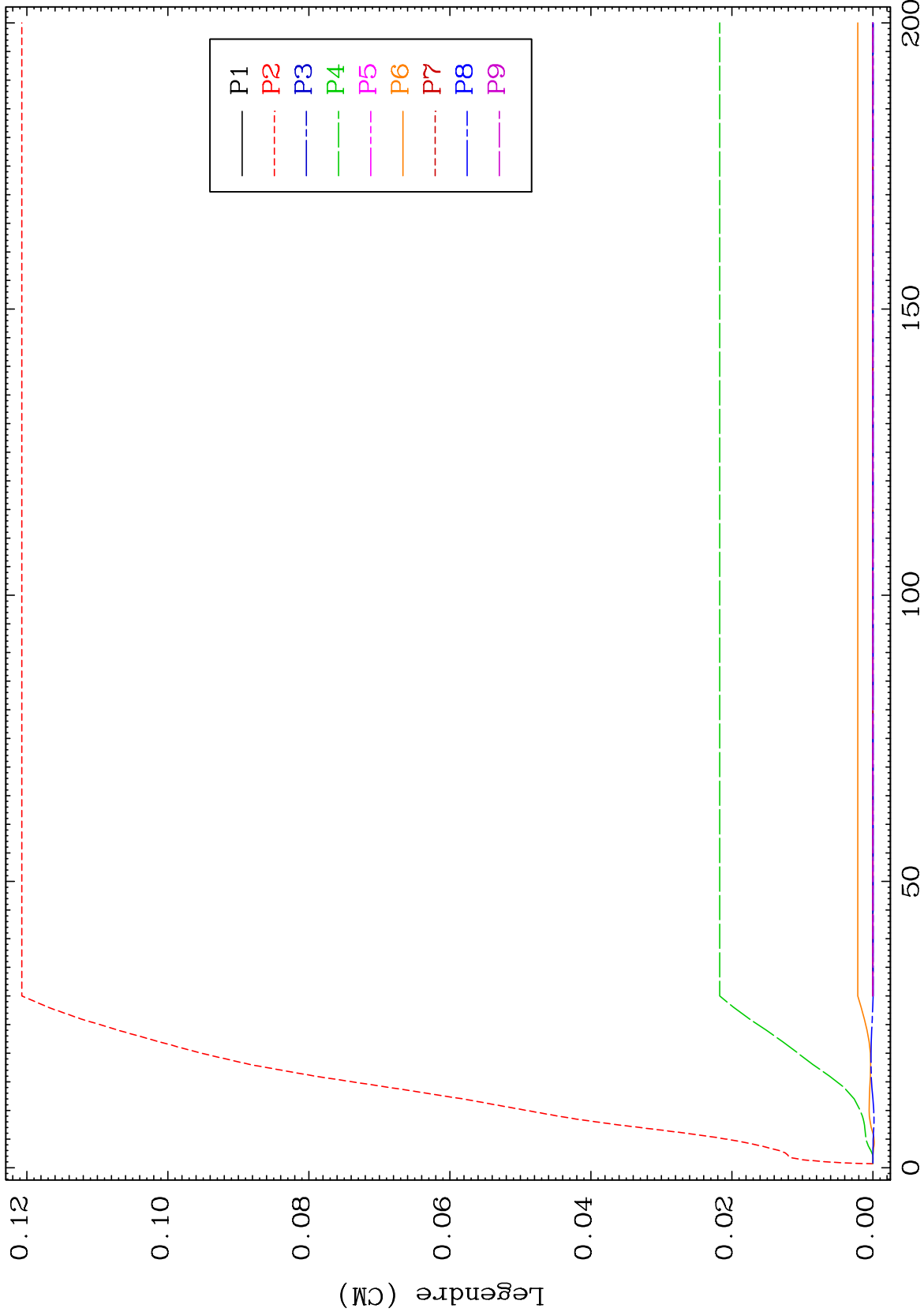




MAT 5737

MT= 65 (n,n') Level
Legendre Coefficients

57-La-142



66

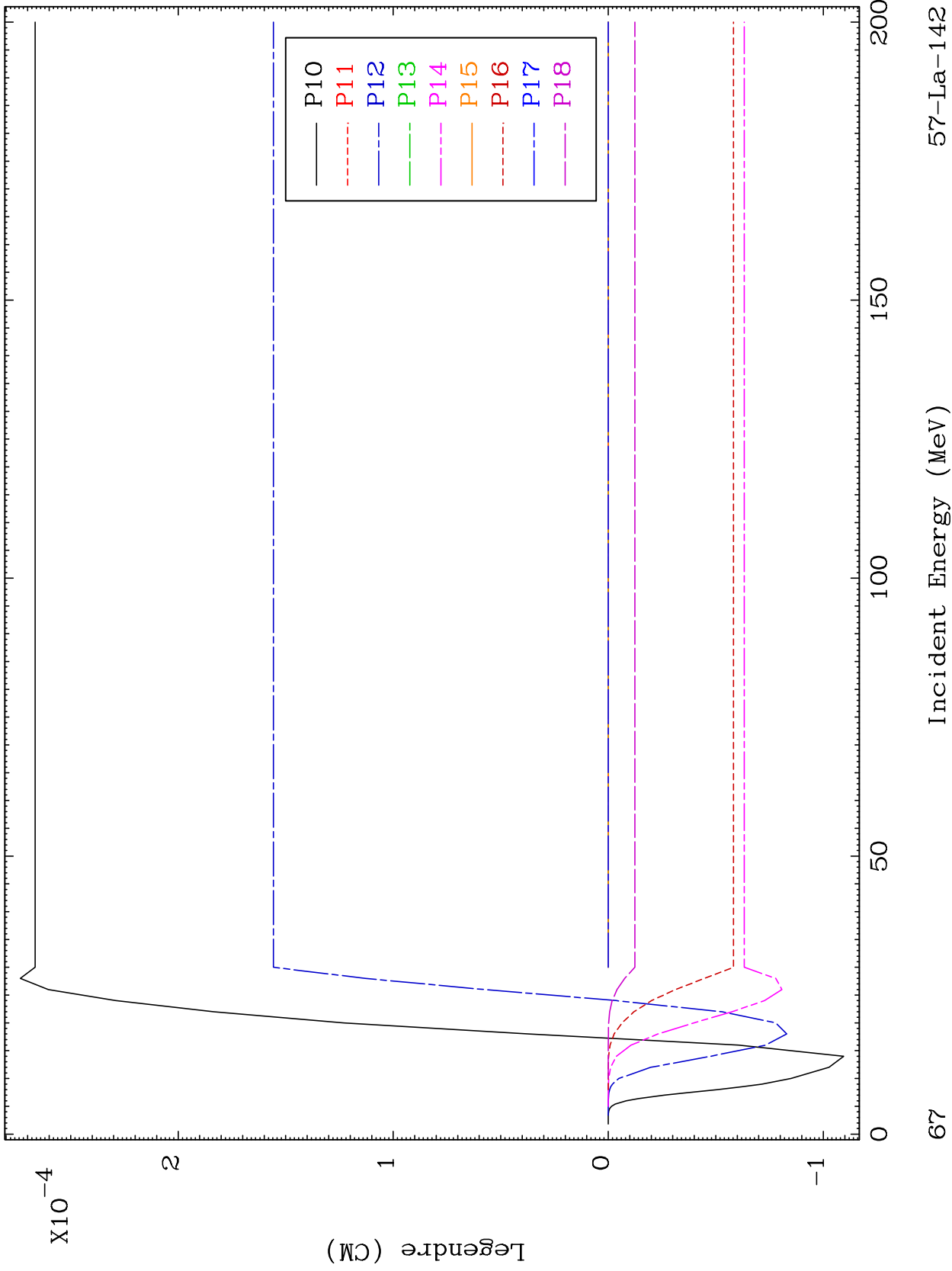
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 65 (n,n') Level
Legendre Coefficients

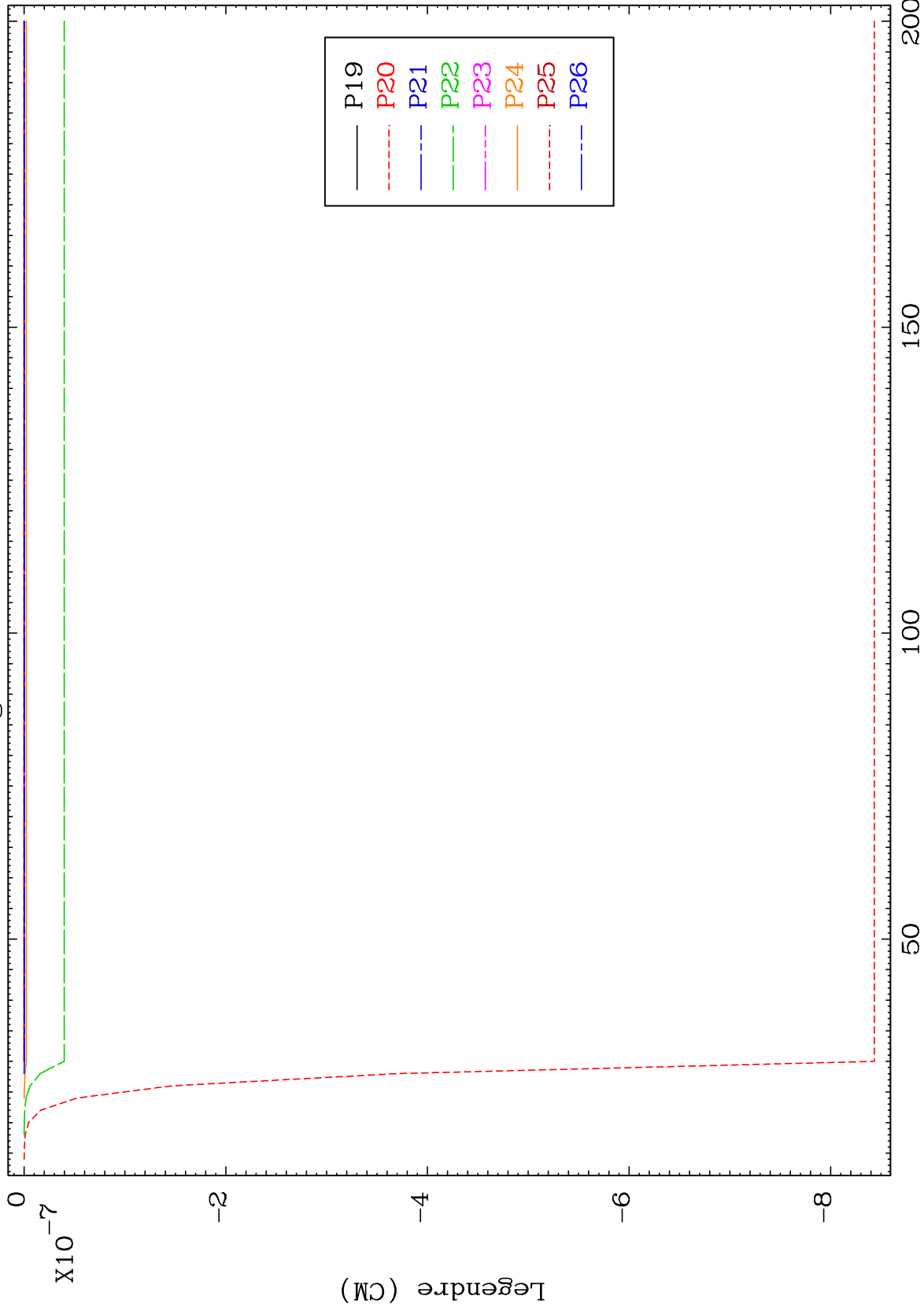
57-La-142



MAT 5737

MT= 65 (n,n') Level
Legendre Coefficients

57-La-142



68

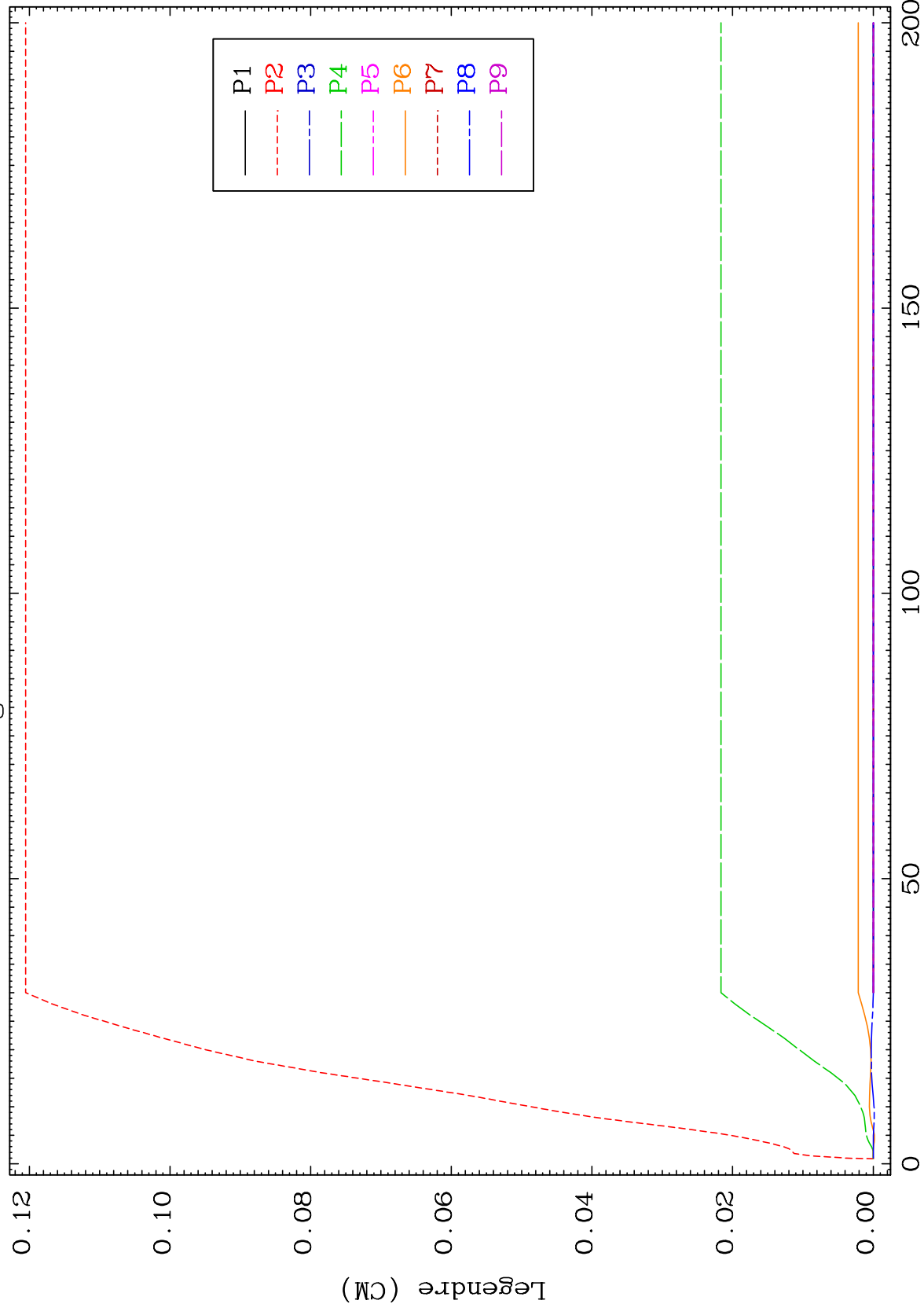
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 66 (n,n') Level
Legendre Coefficients

57-La-142



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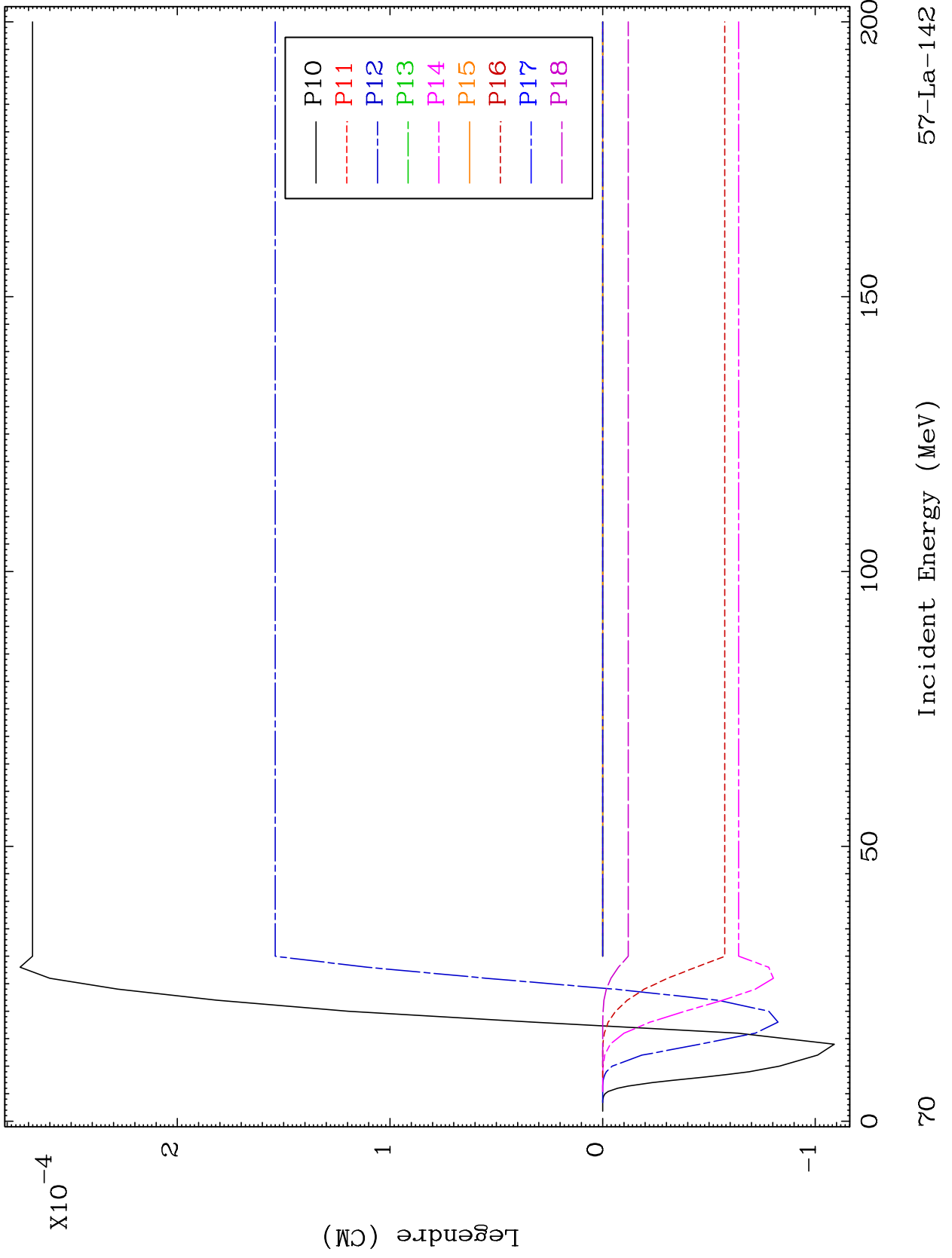
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 66 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

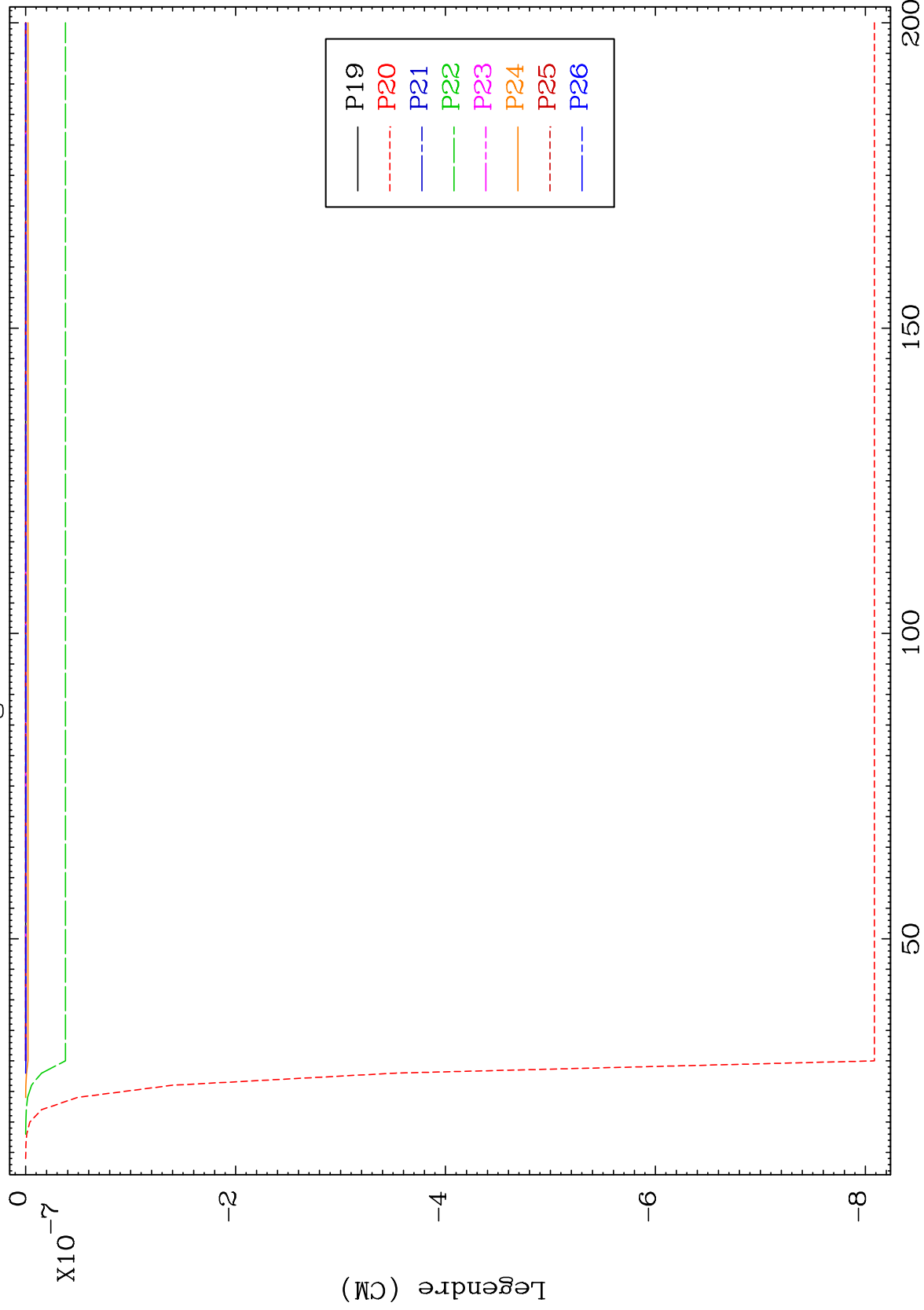
Incident Energy (MeV)

70

MAT 5737

MT= 66 (n,n') Level
Legendre Coefficients

57-La-142



71

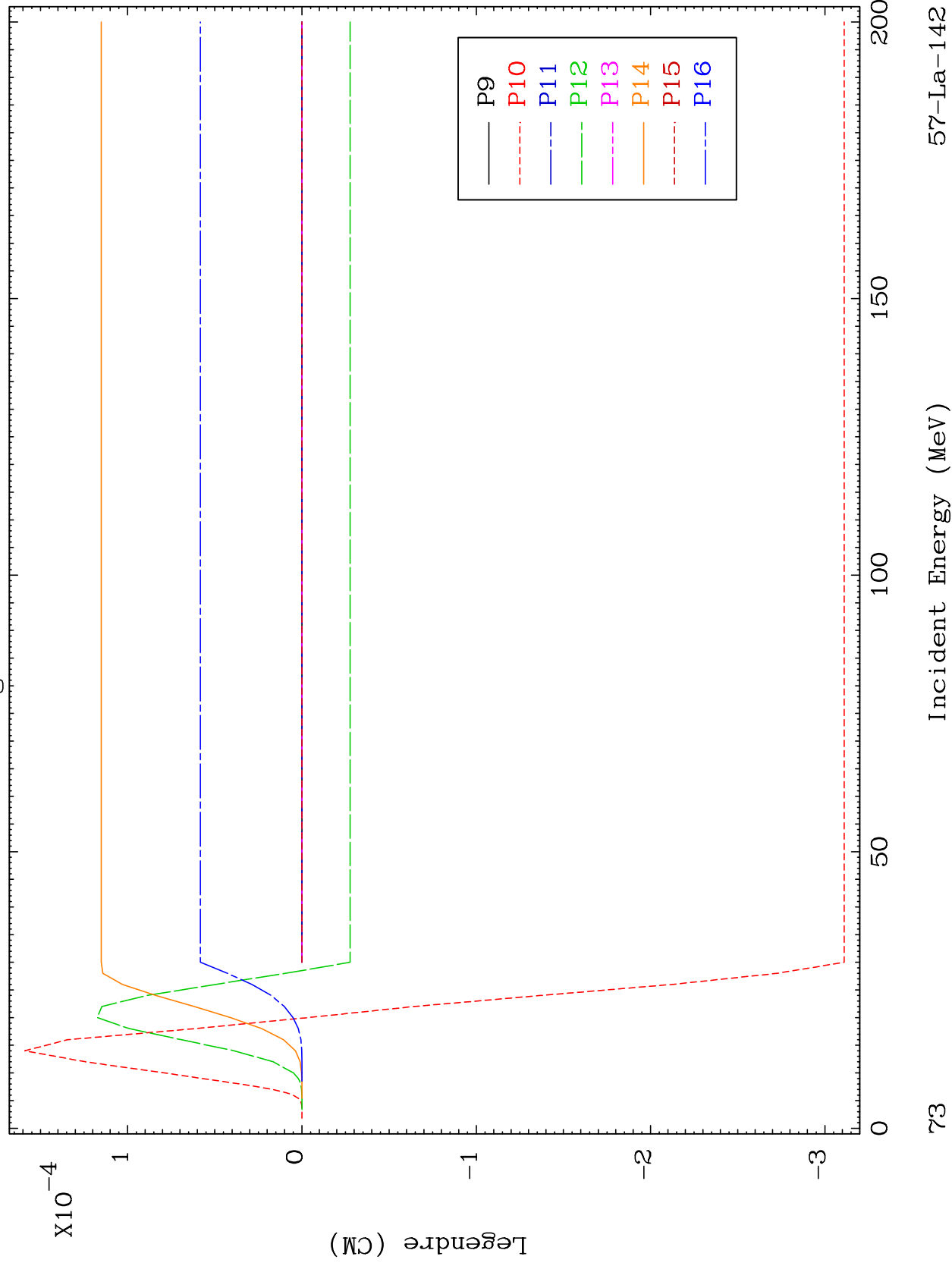
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 67 (n,n') Level
Legendre Coefficients

57-La-142



73

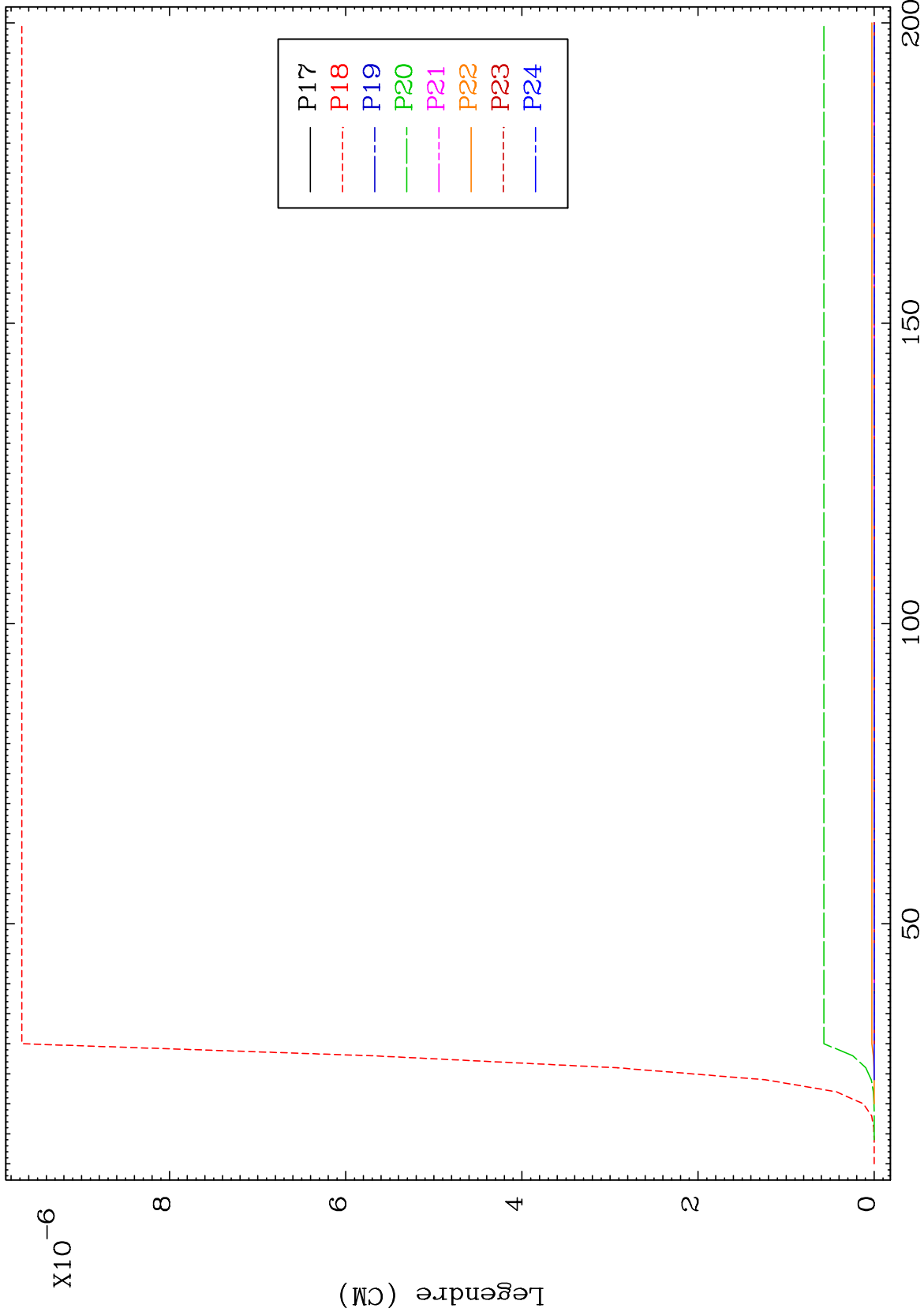
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 67 (n,n') Level
Legendre Coefficients

57-La-142



74

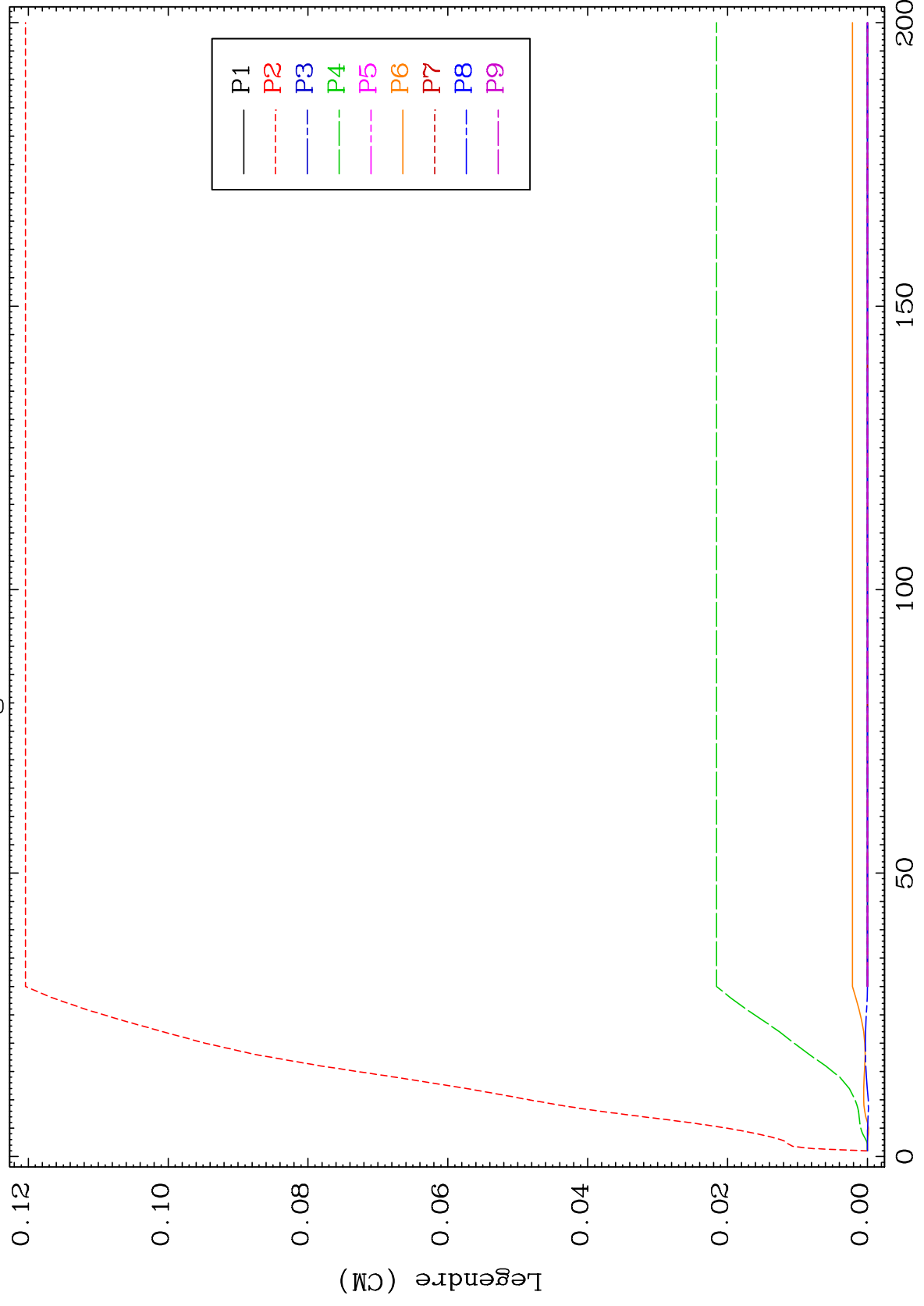
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 68 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

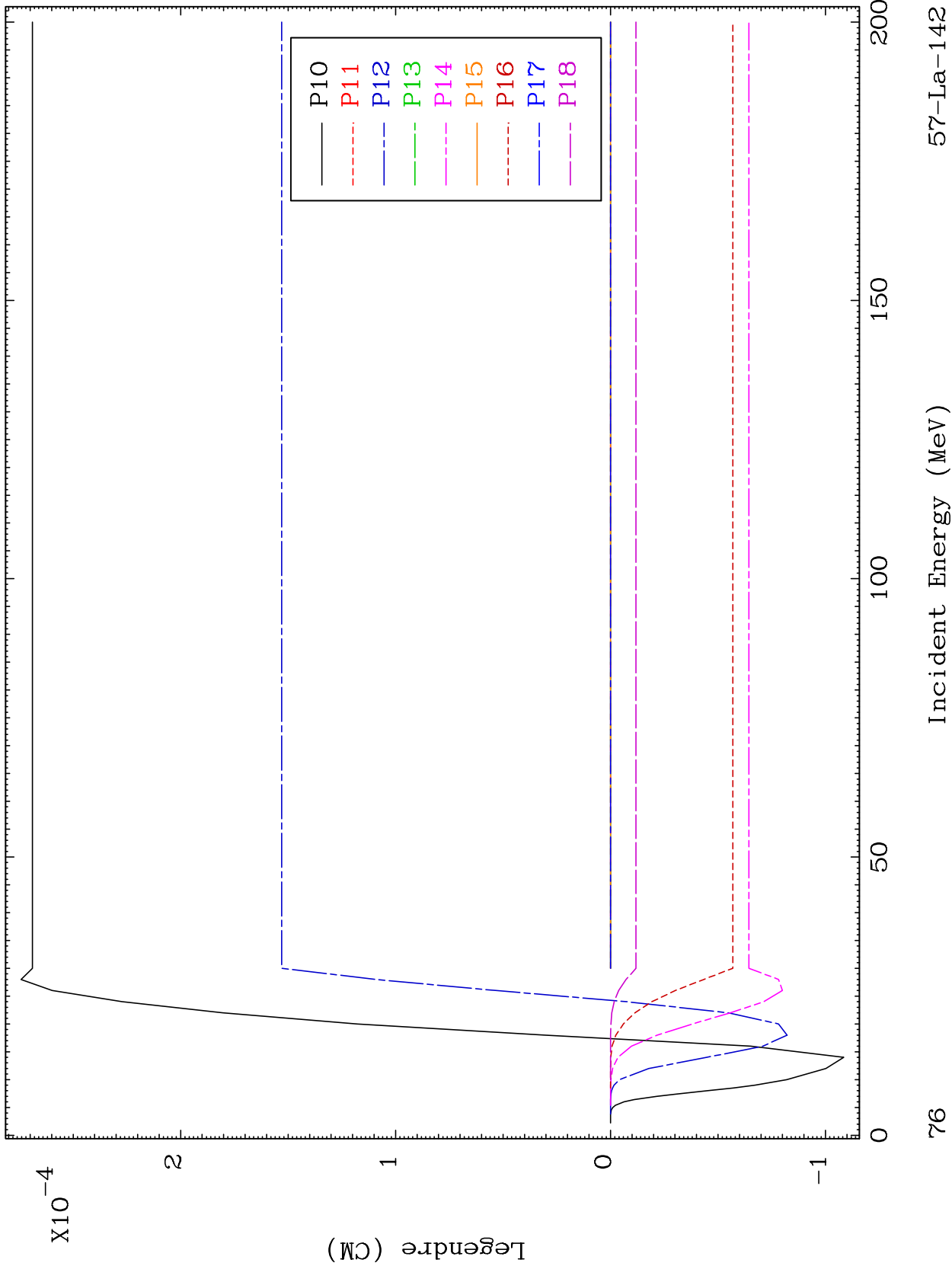
Incident Energy (MeV)

75

MAT 5737

MT= 68 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

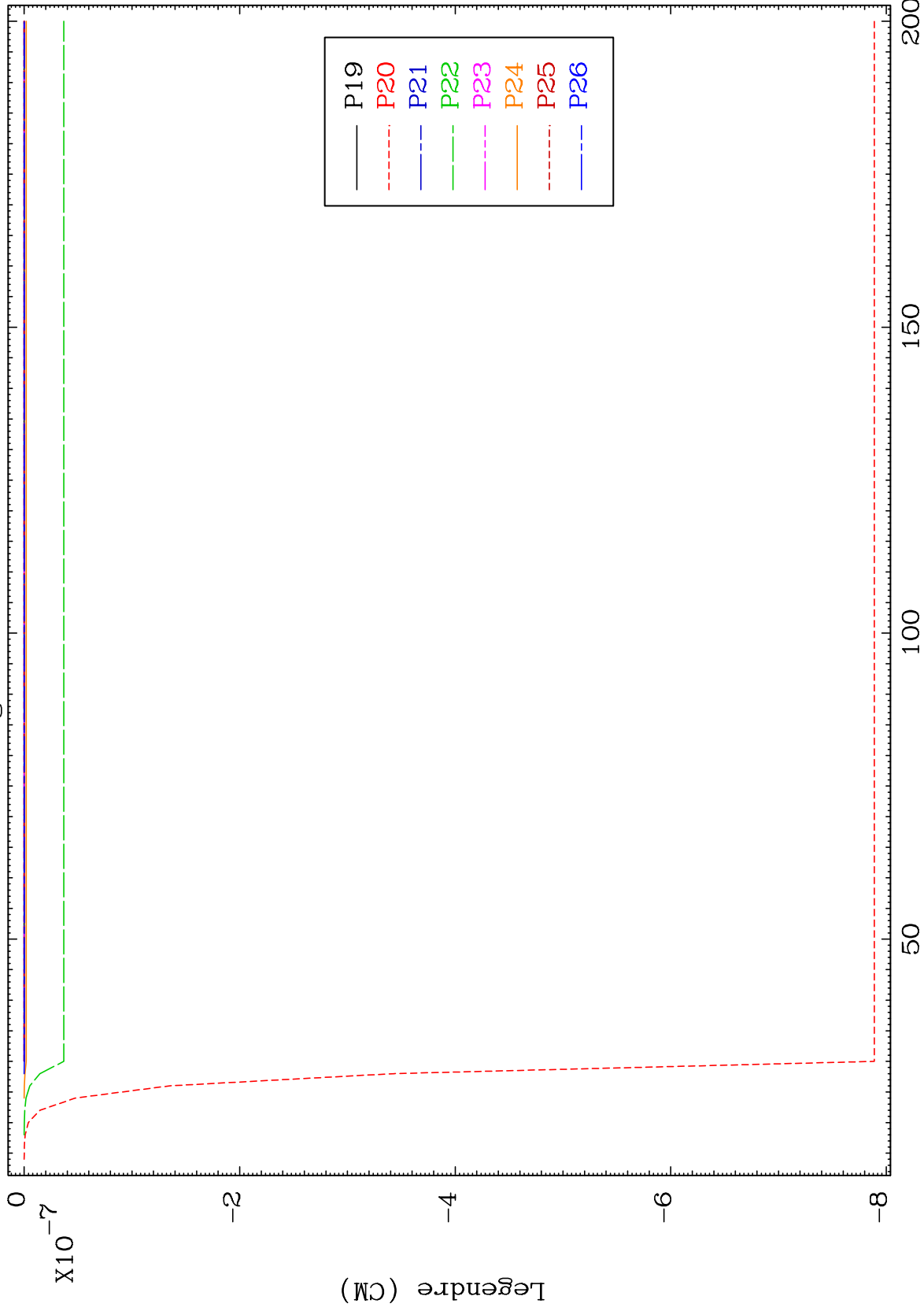
Incident Energy (MeV)

76

MAT 5737

MT= 68 (n,n') Level
Legendre Coefficients

57-La-142



77

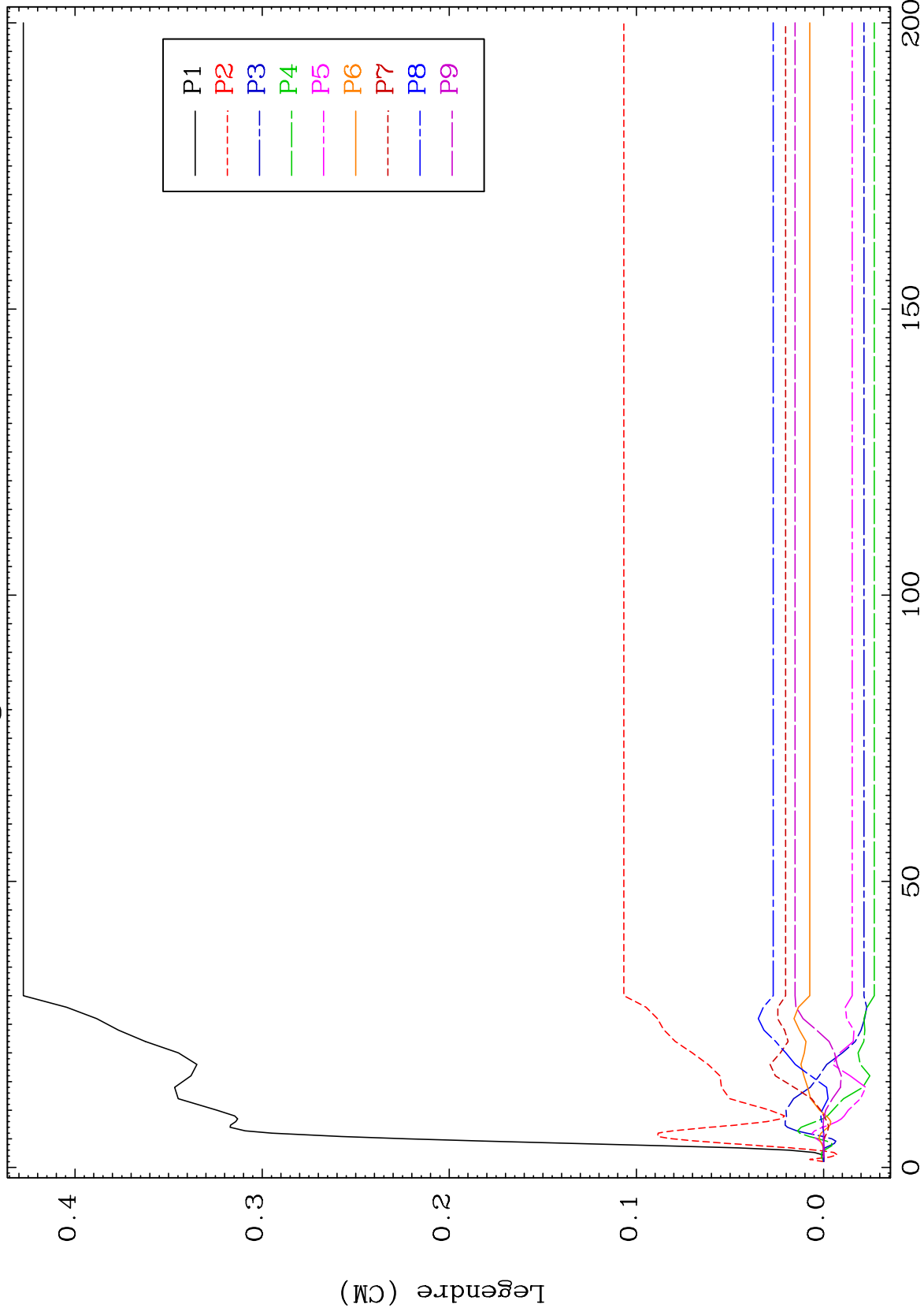
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 69 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

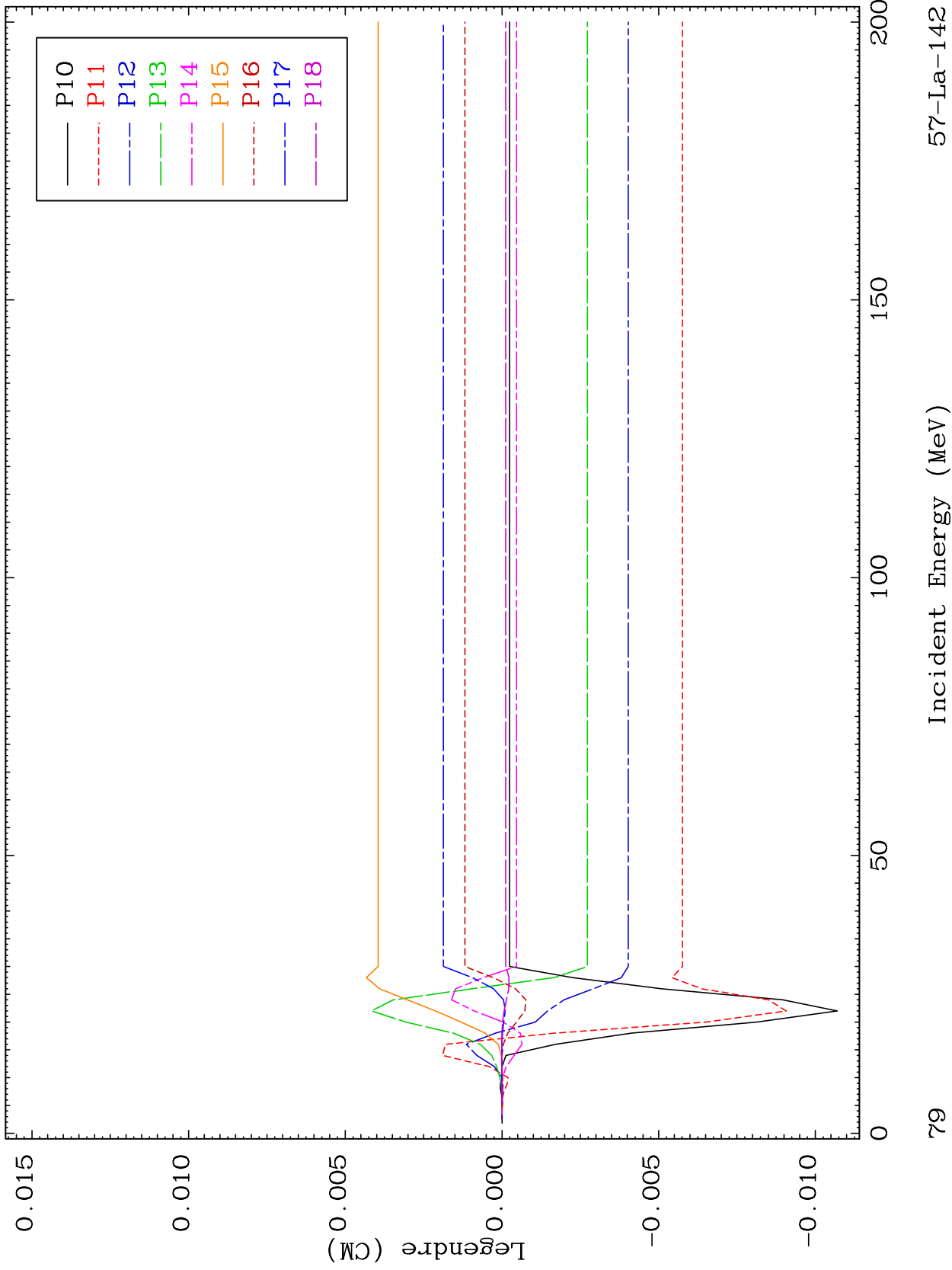
Incident Energy (MeV)

78

MAT 5737

MT= 69 (n,n') Level
Legendre Coefficients

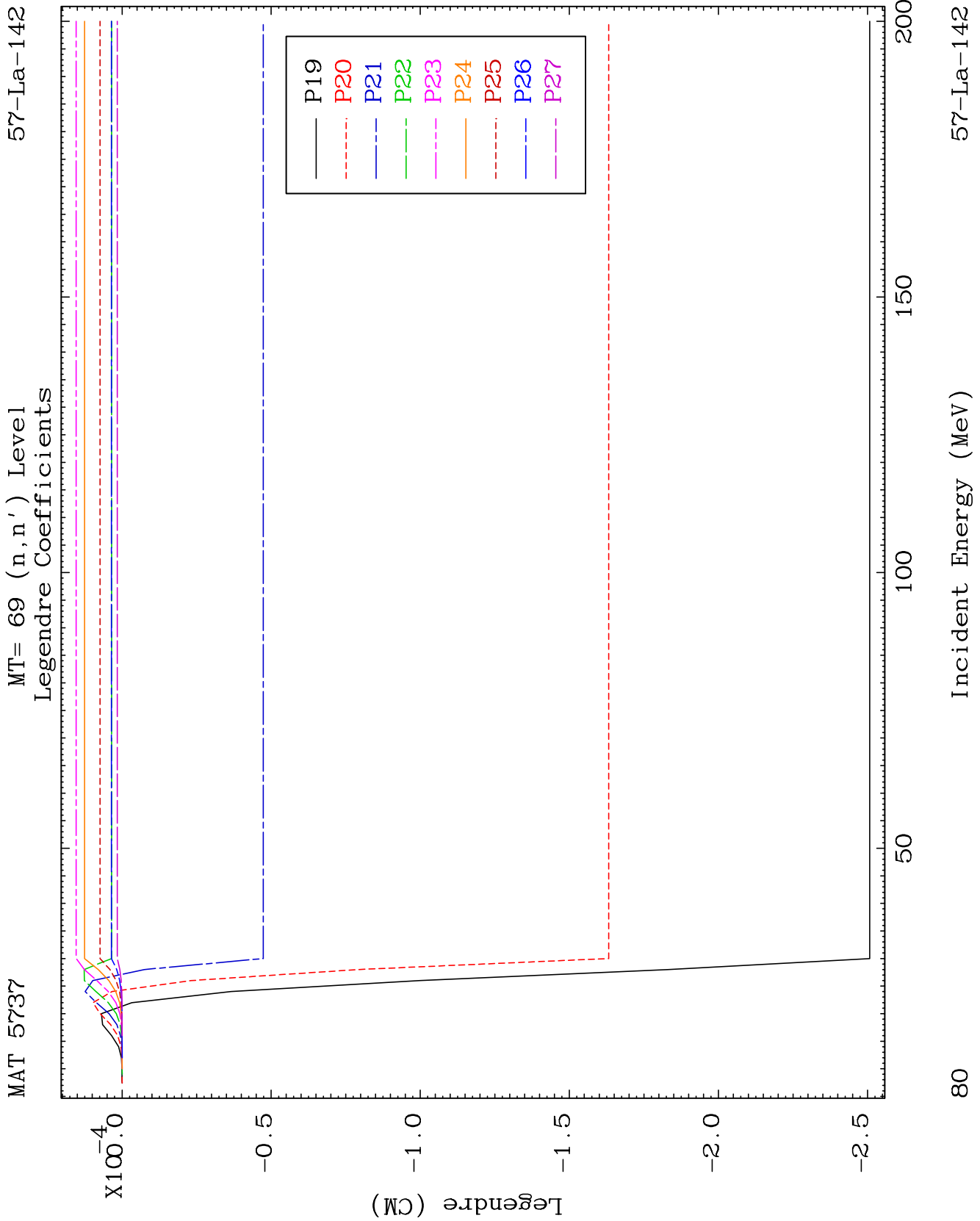
57-La-142



79

Incident Energy (MeV)

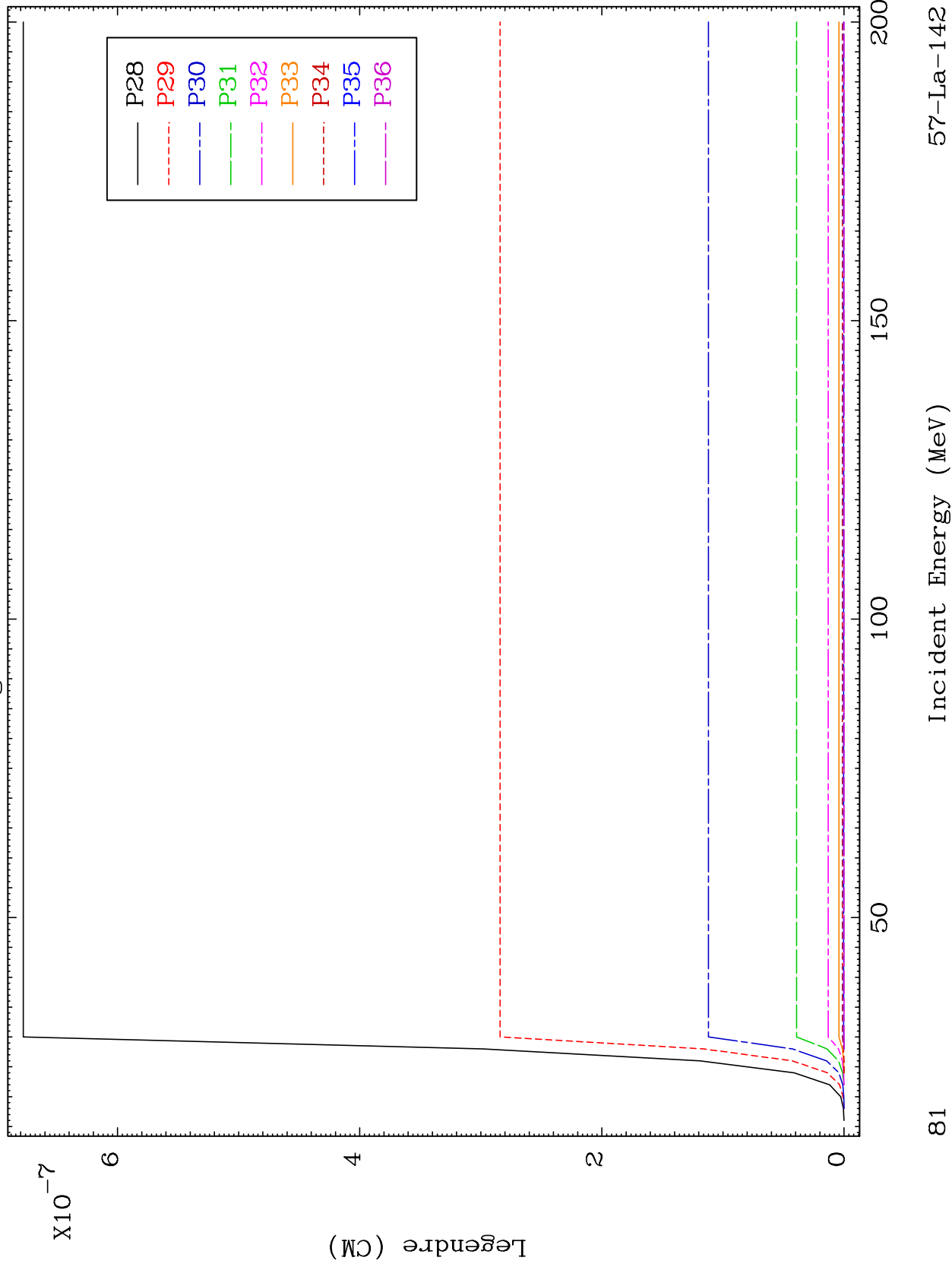
57-La-142



MAT 5737

MT= 69 (n,n') Level
Legendre Coefficients

57-La-142



81

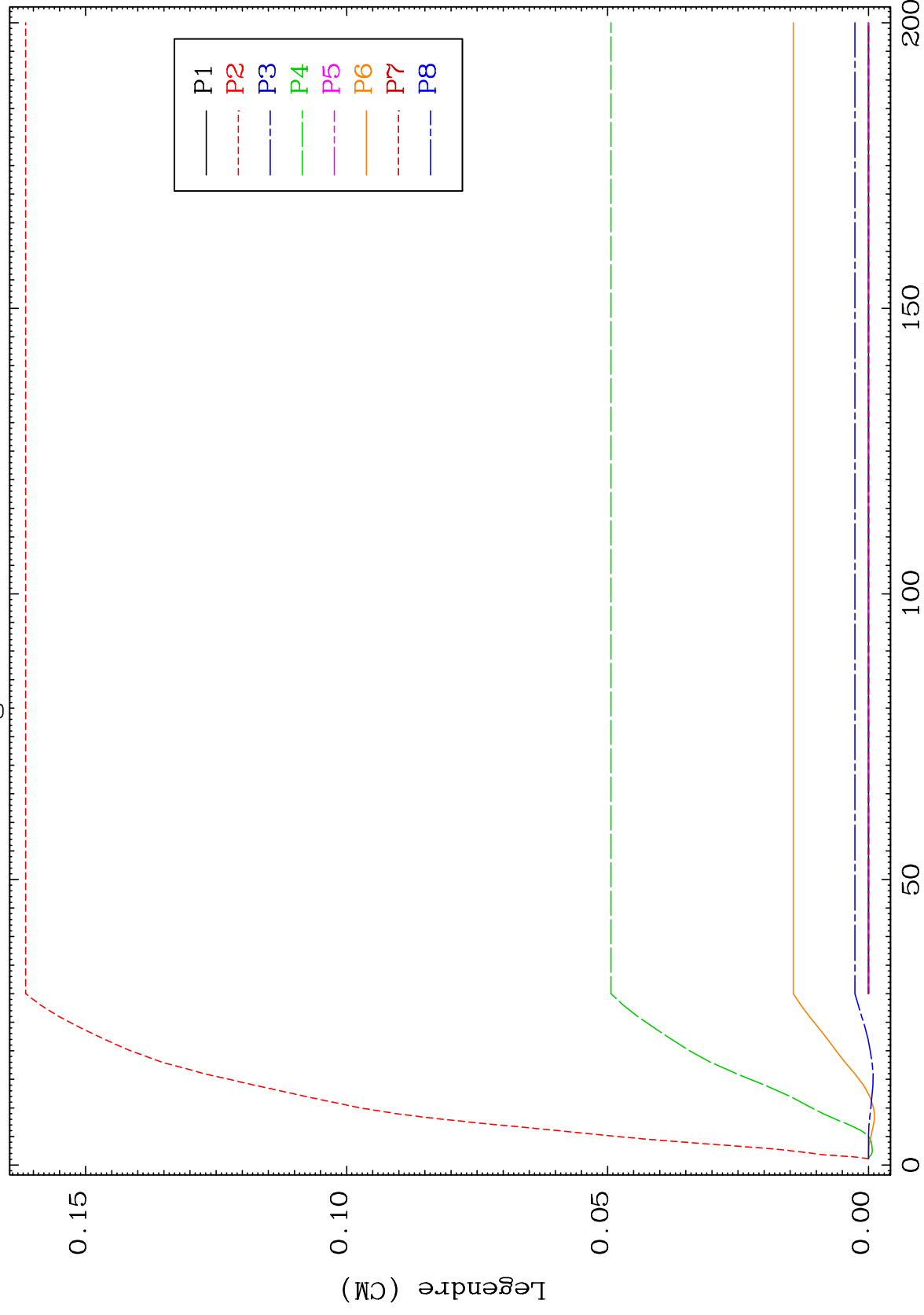
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 70 (n,n') Level
Legendre Coefficients

57-La-142



82

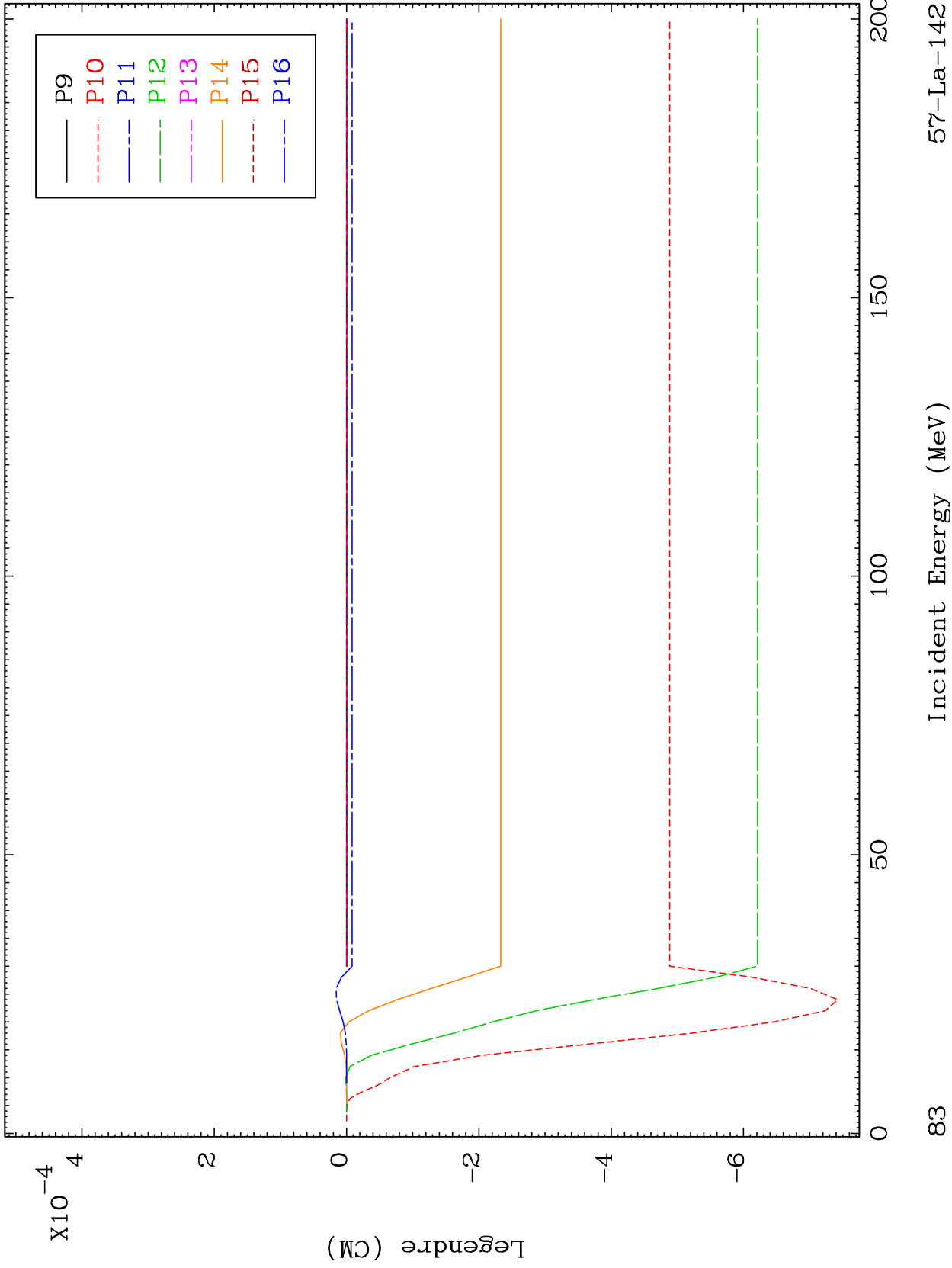
Incident Energy (MeV)

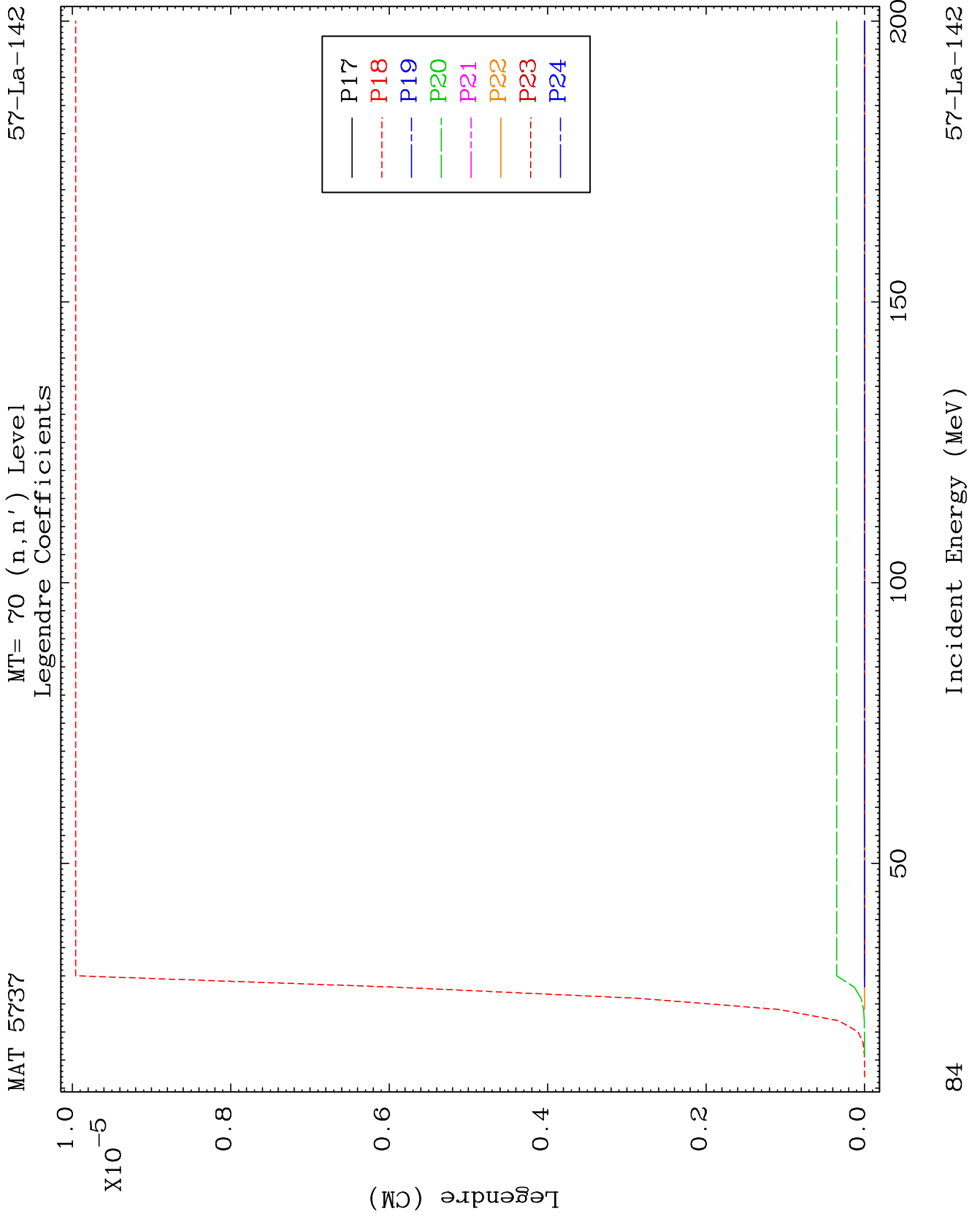
57-La-142

MAT 5737

MT= 70 (n,n') Level
Legendre Coefficients

57-La-142

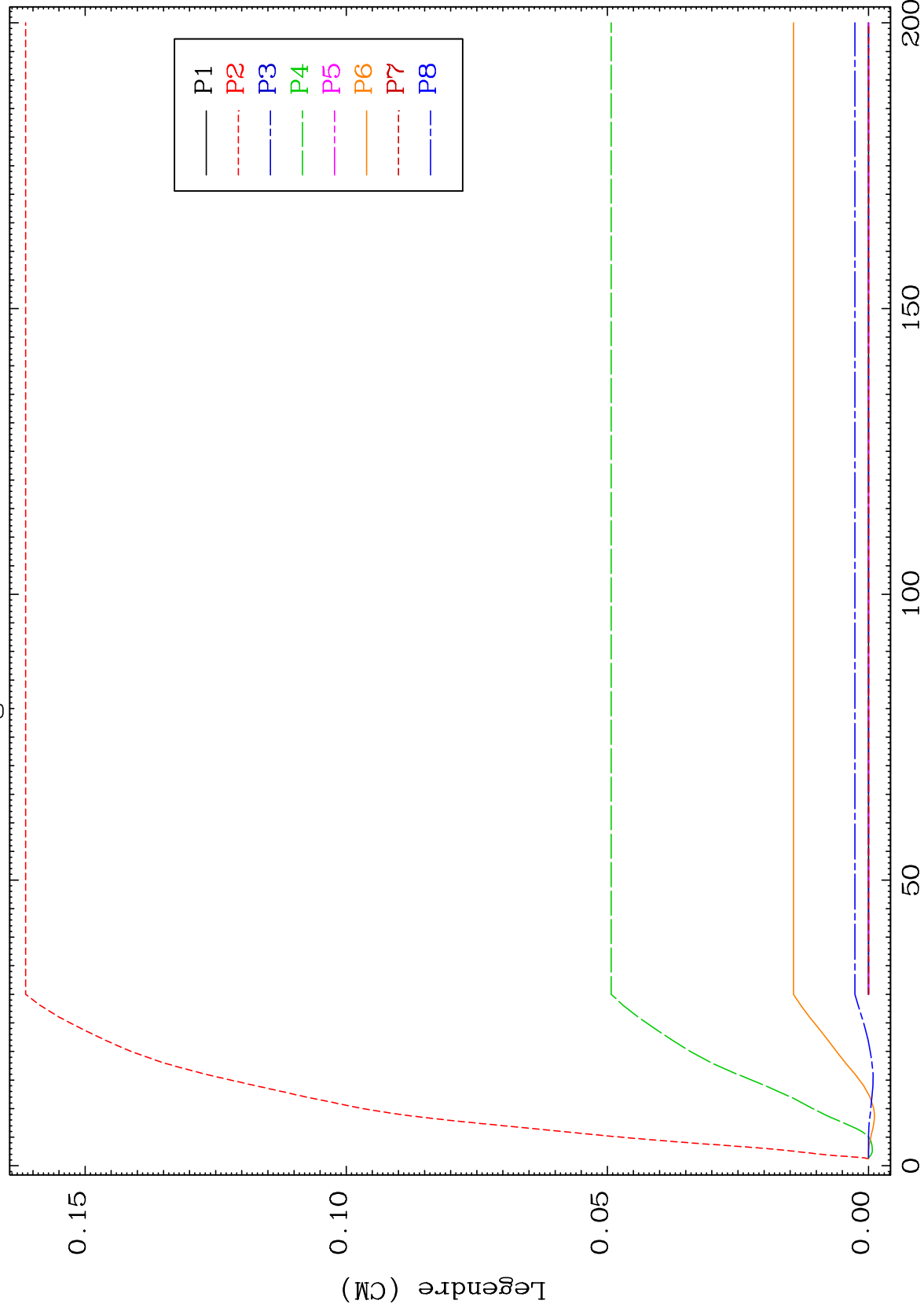




MAT 5737

MT= 71 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

Incident Energy (MeV)

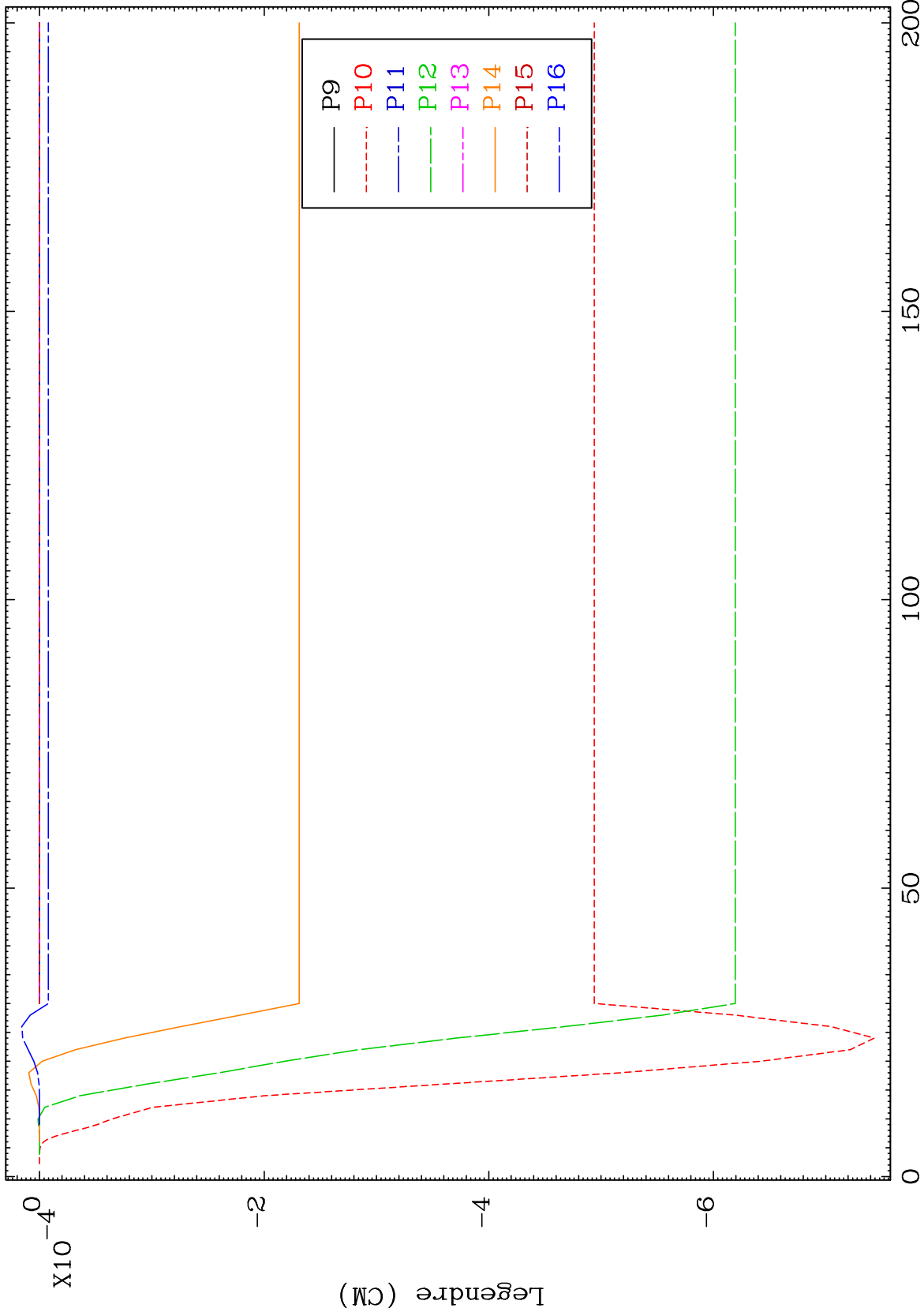
85

MAT 5737

MT= 71 (n,n') Level

57-La-142

Legendre Coefficients



86

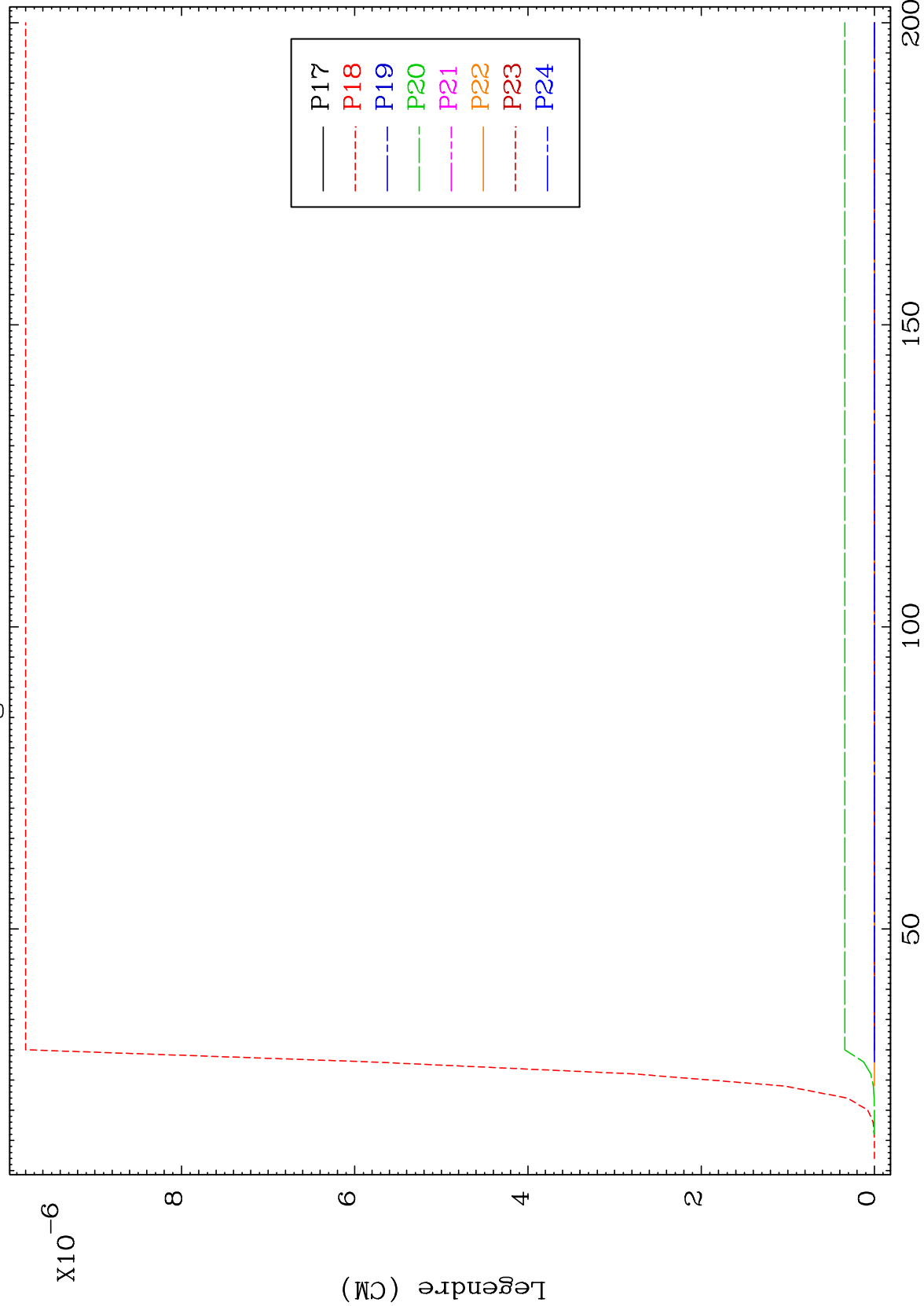
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 71 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

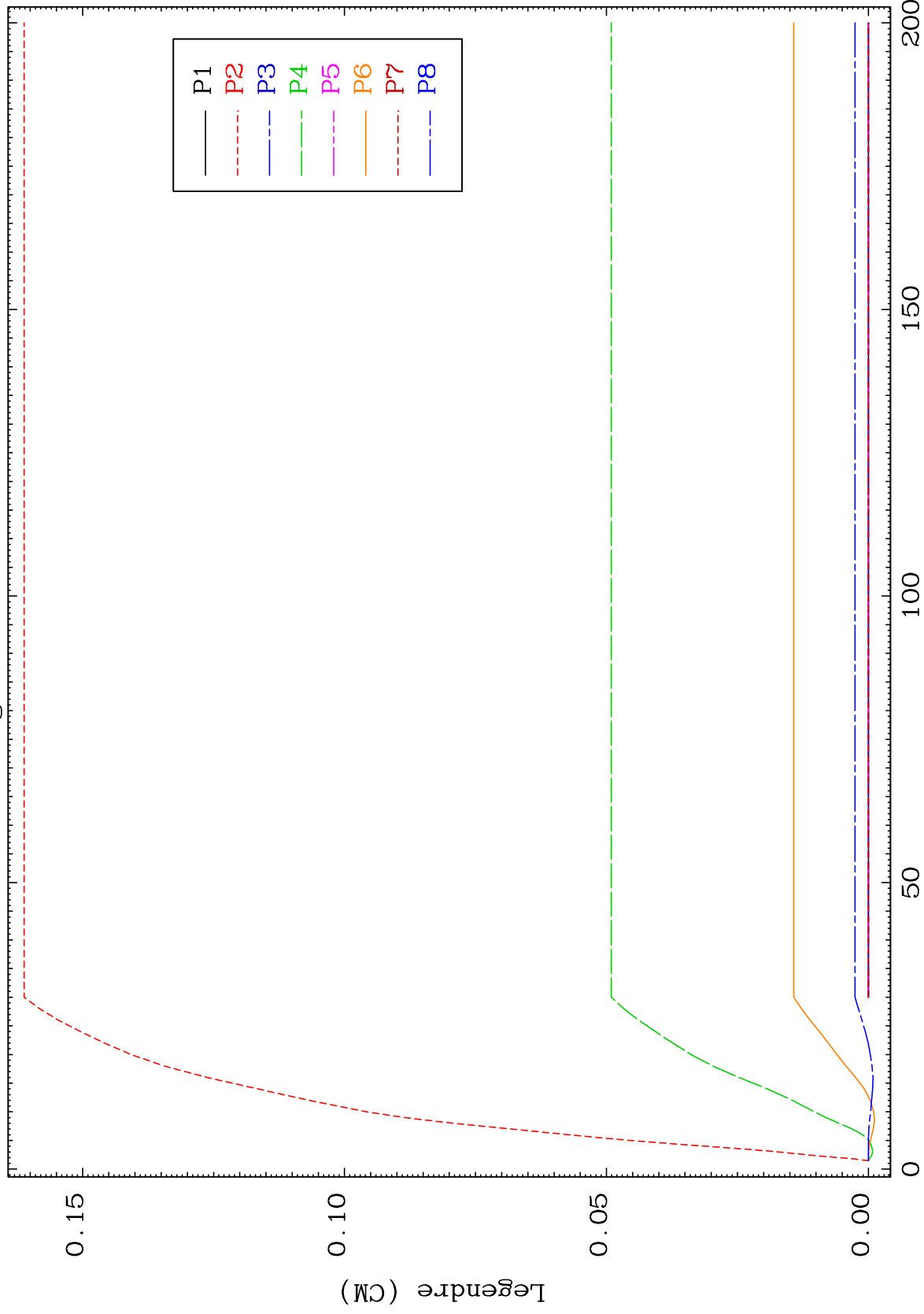
Incident Energy (MeV)

87

MAT 5737

MT= 72 (n,n') Level
Legendre Coefficients

57-La-142



88

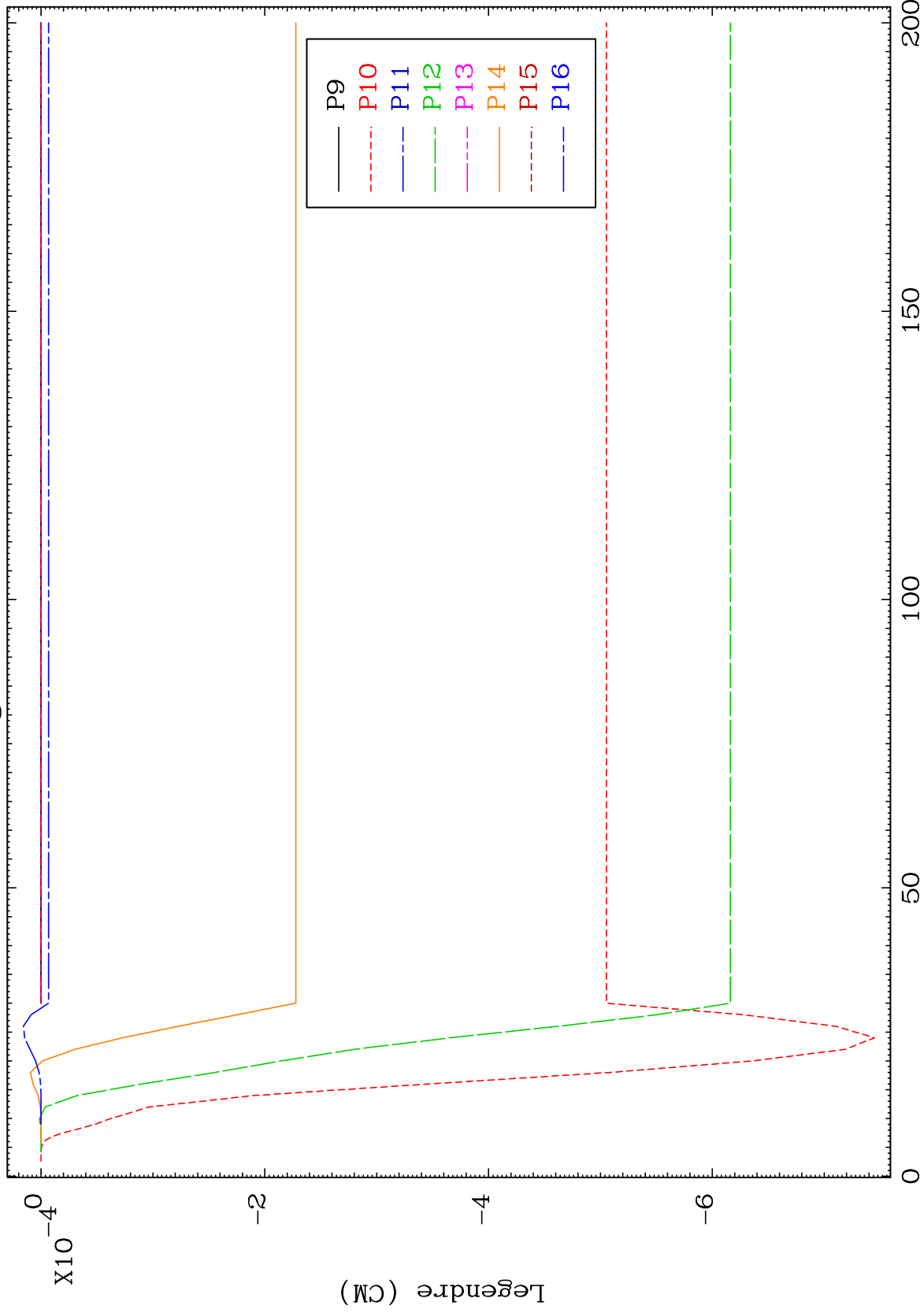
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 72 (n,n') Level
Legendre Coefficients

57-La-142



89

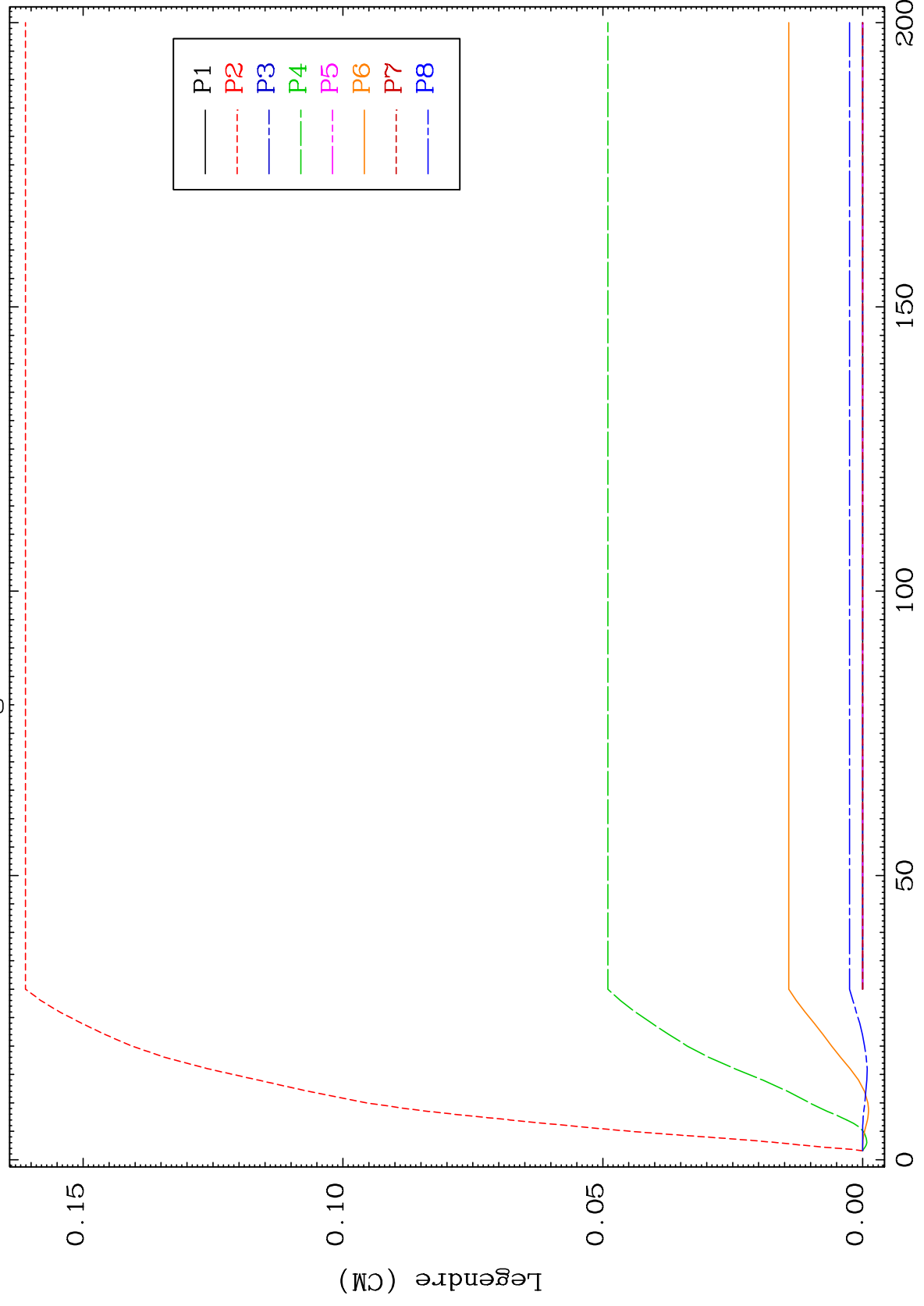
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 73 (n,n') Level
Legendre Coefficients

57-La-142



91

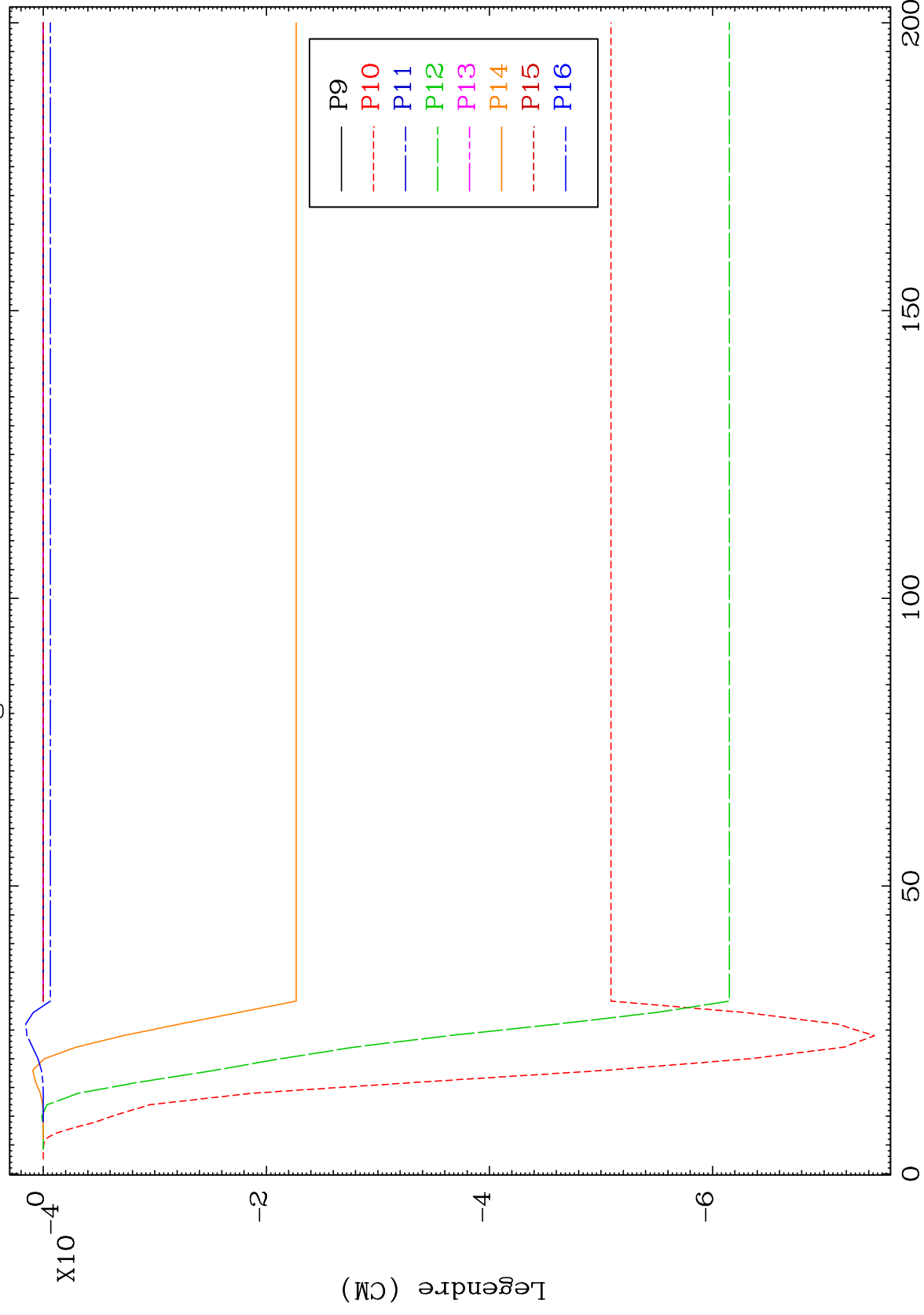
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 73 (n,n') Level
Legendre Coefficients

57-La-142



92

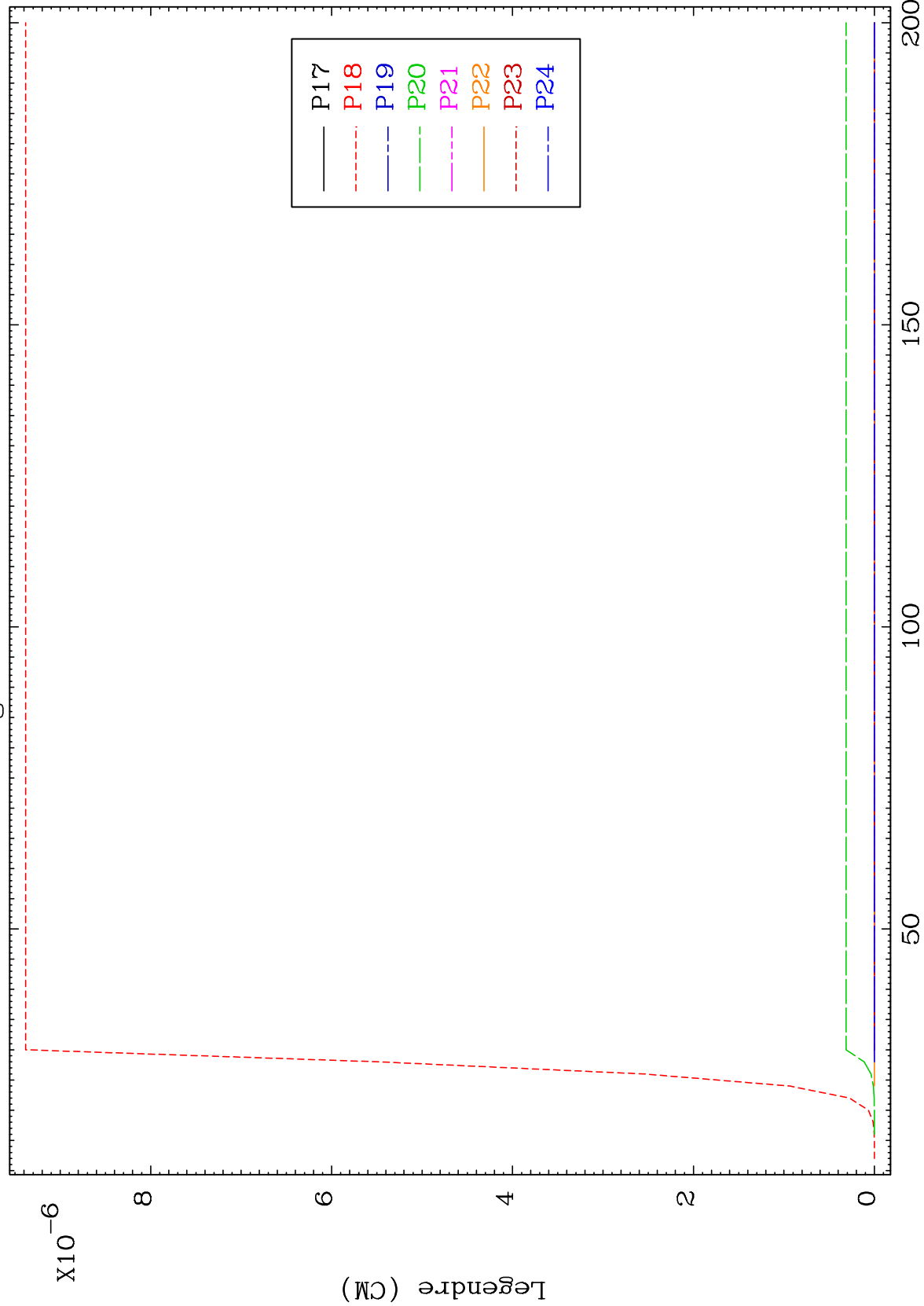
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 73 (n,n') Level
Legendre Coefficients

57-La-142



93

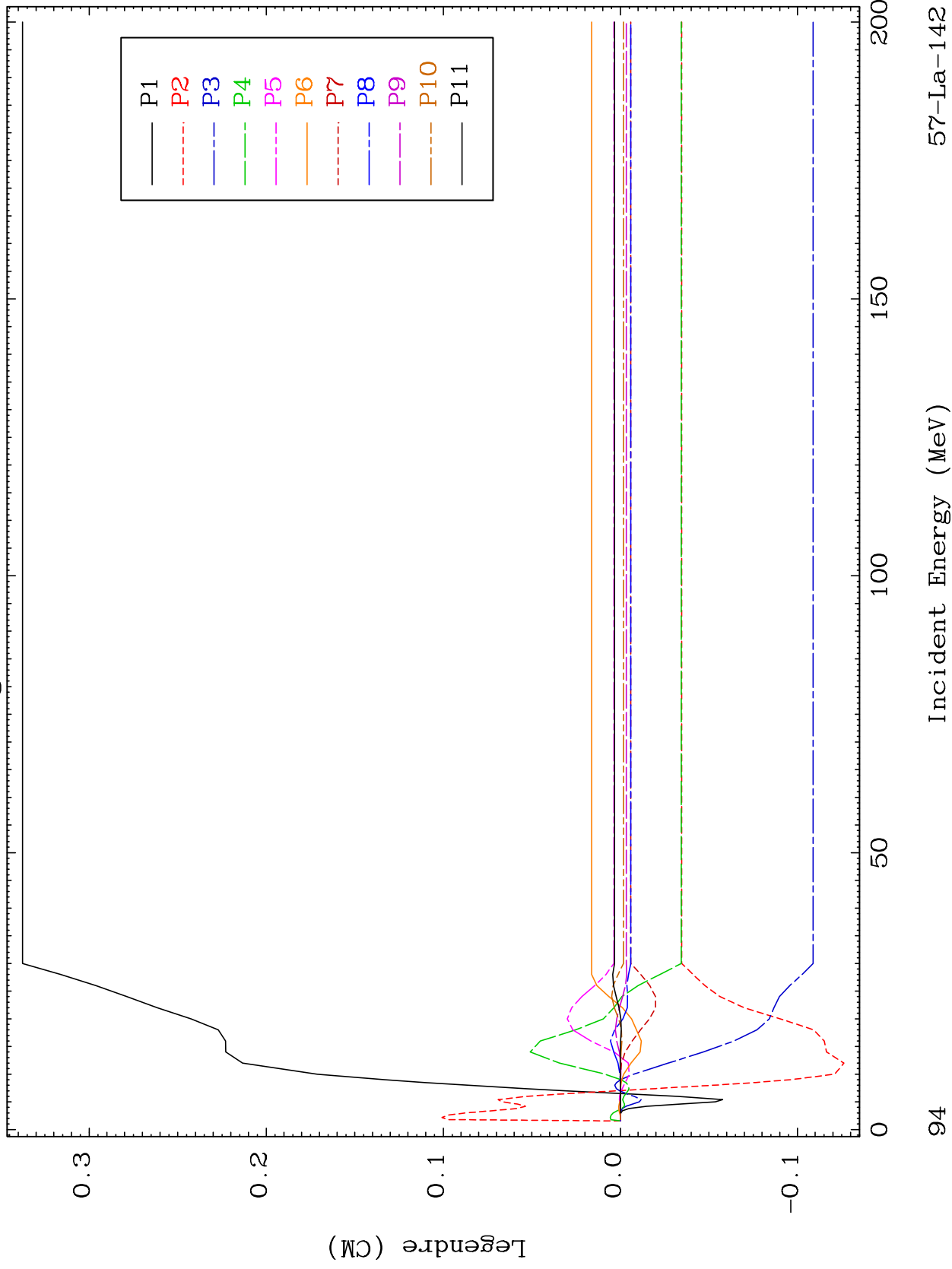
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 74 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

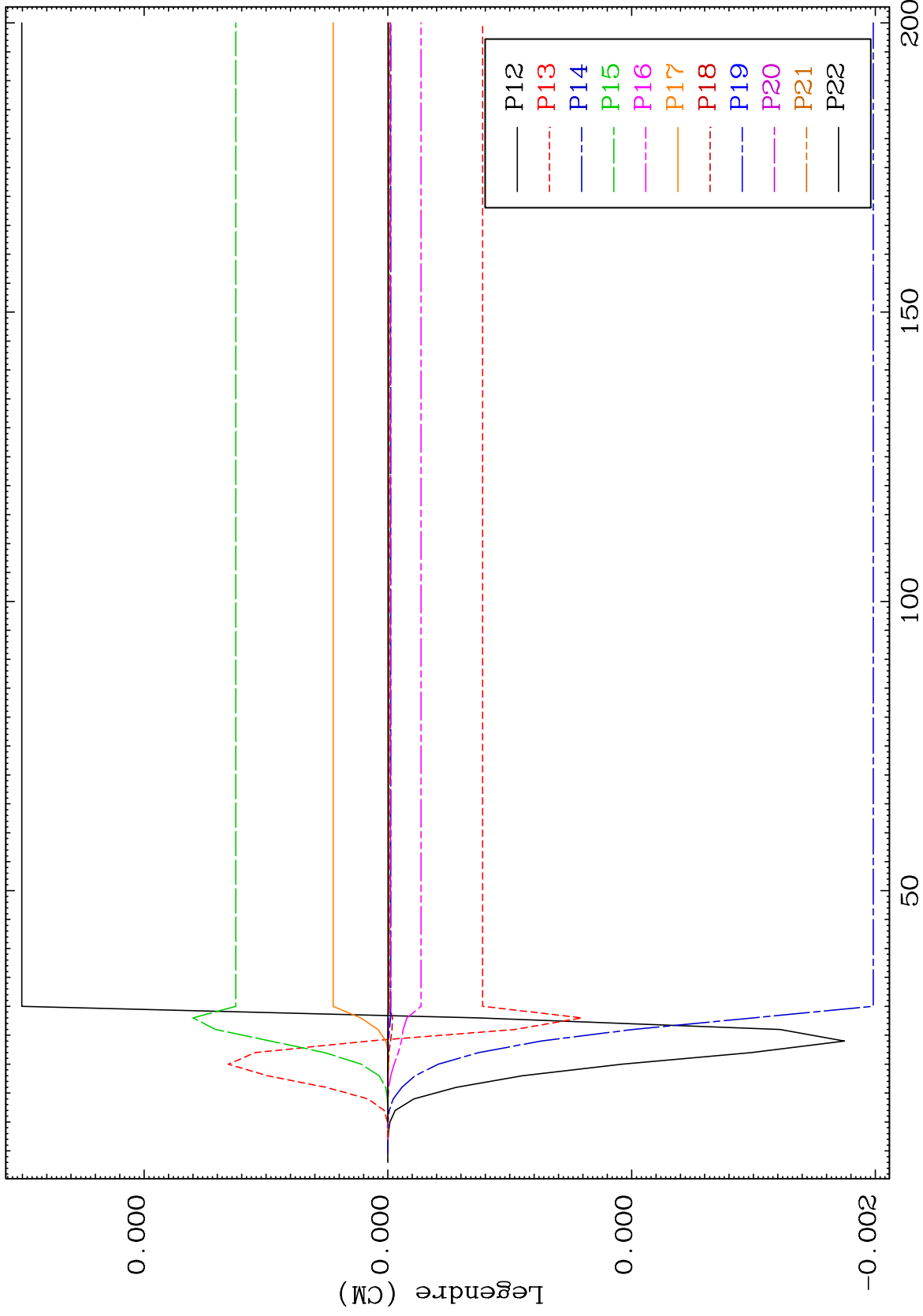
Incident Energy (MeV)

94

MAT 5737

MT= 74 (n,n') Level
Legendre Coefficients

57-La-142



95

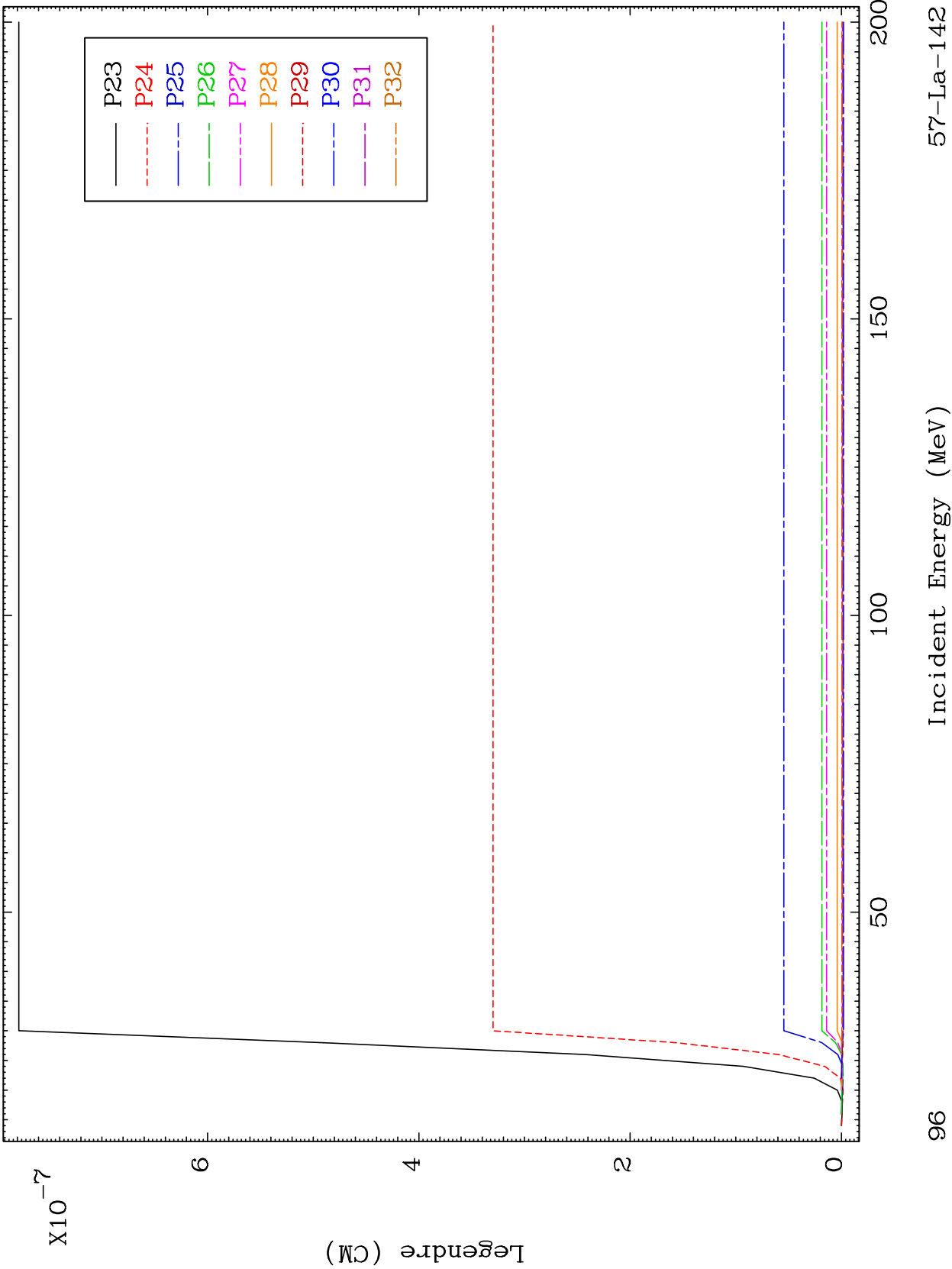
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 74 (n,n') Level
Legendre Coefficients

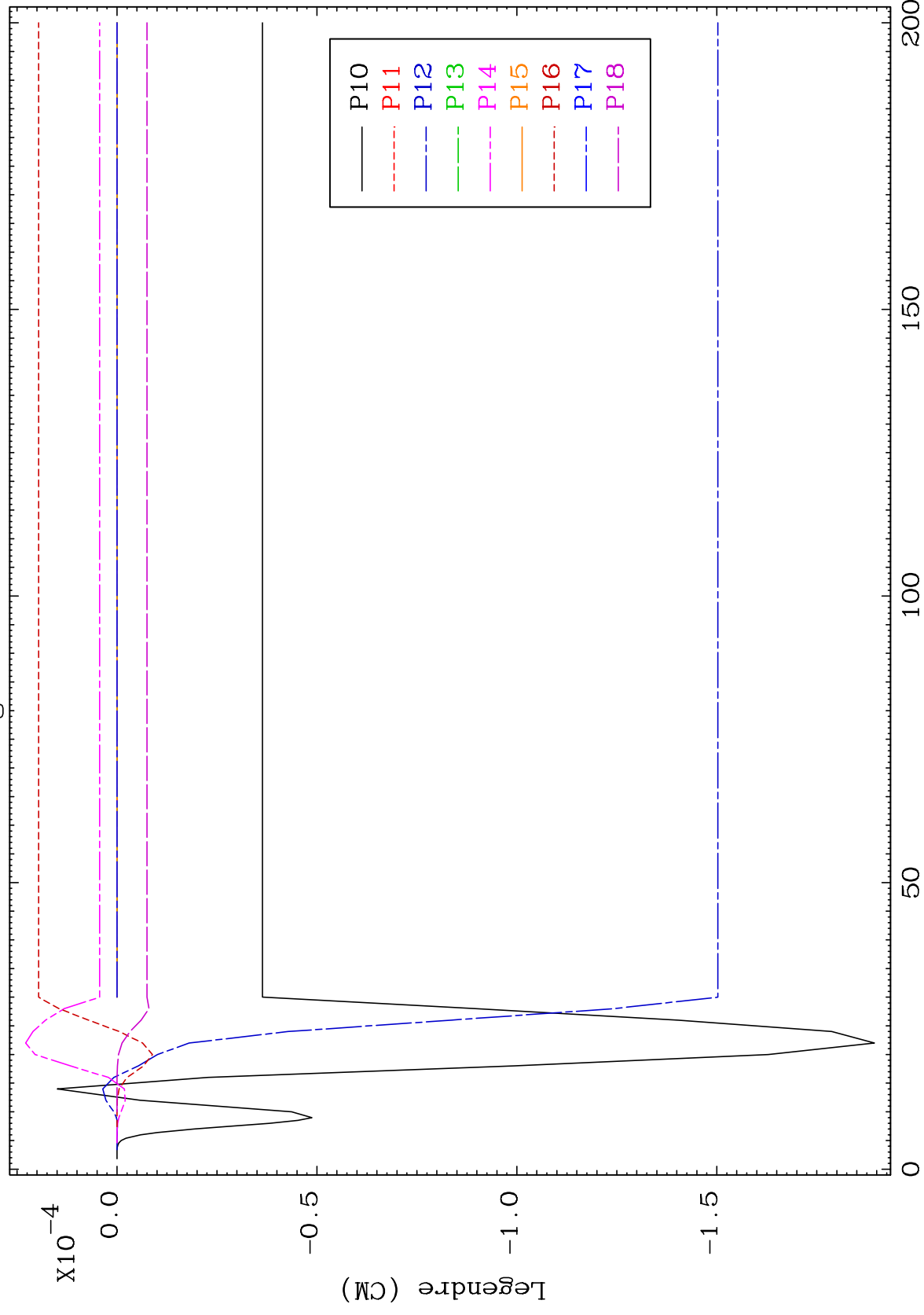
57-La-142



MAT 5737

MT= 75 (n,n') Level
Legendre Coefficients

57-La-142



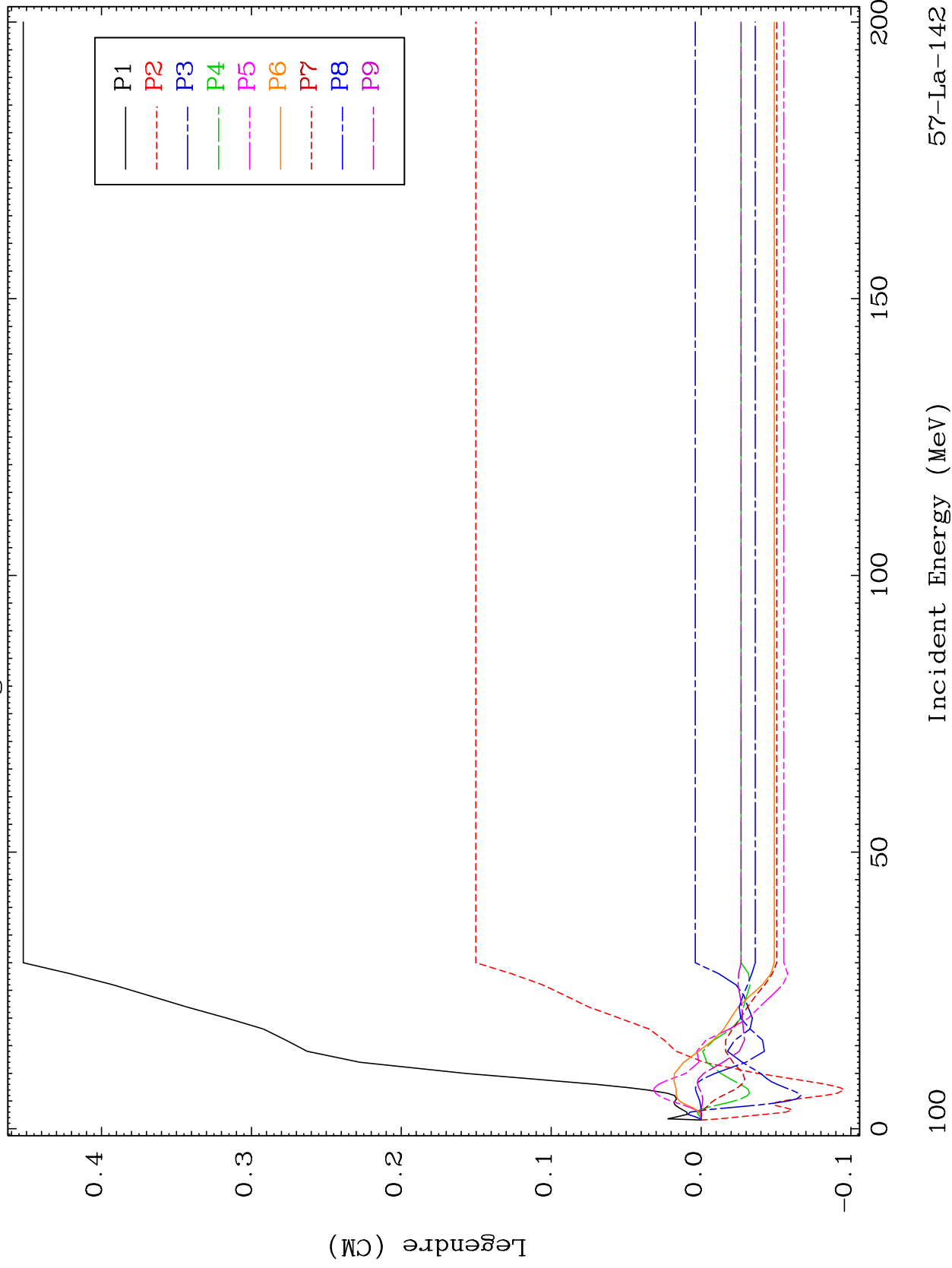
98

57-La-142

MAT 5737

MT= 76 (n,n') Level
Legendre Coefficients

57-La-142

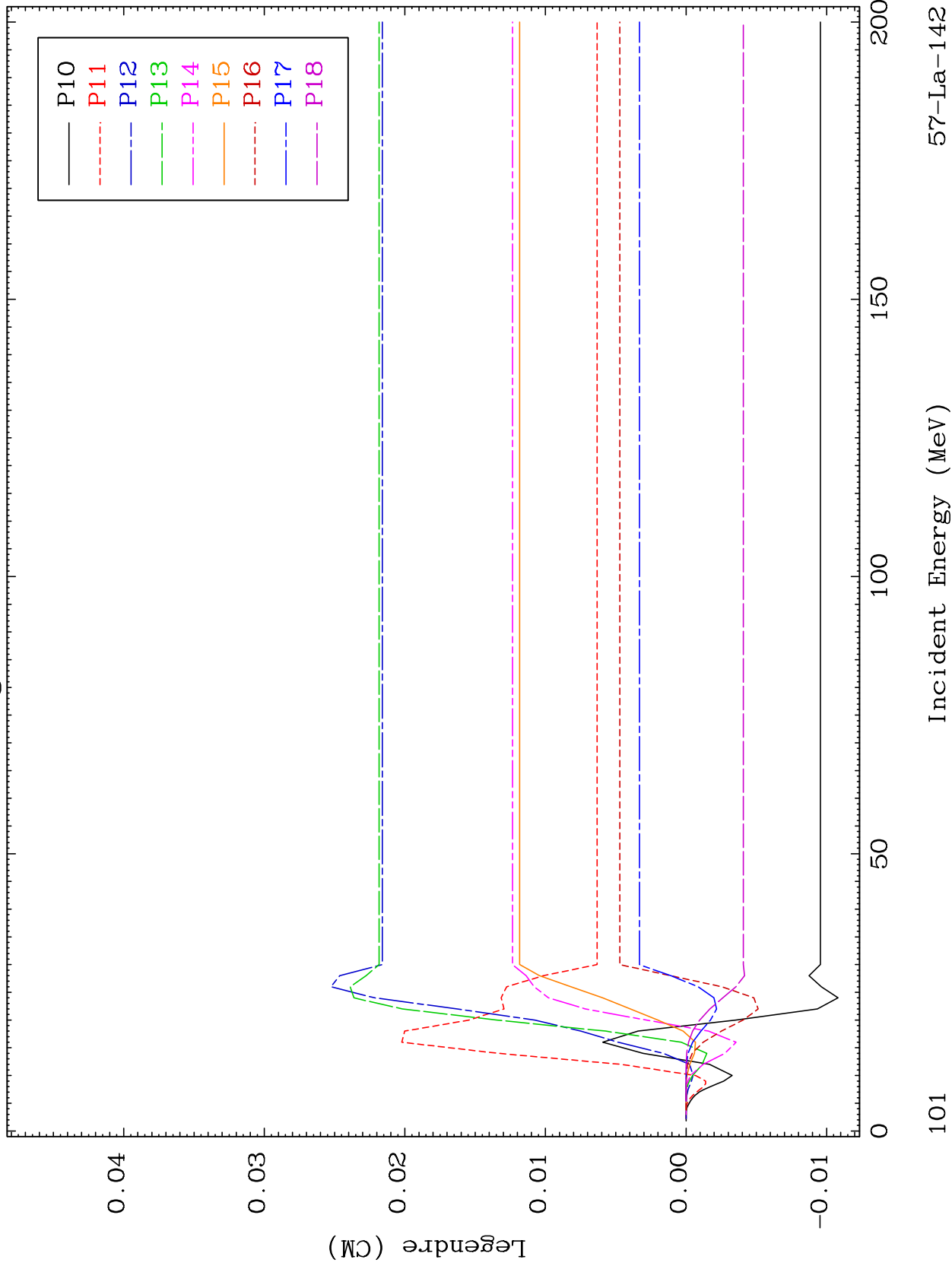


57-La-142

MAT 5737

MT= 76 (n,n') Level
Legendre Coefficients

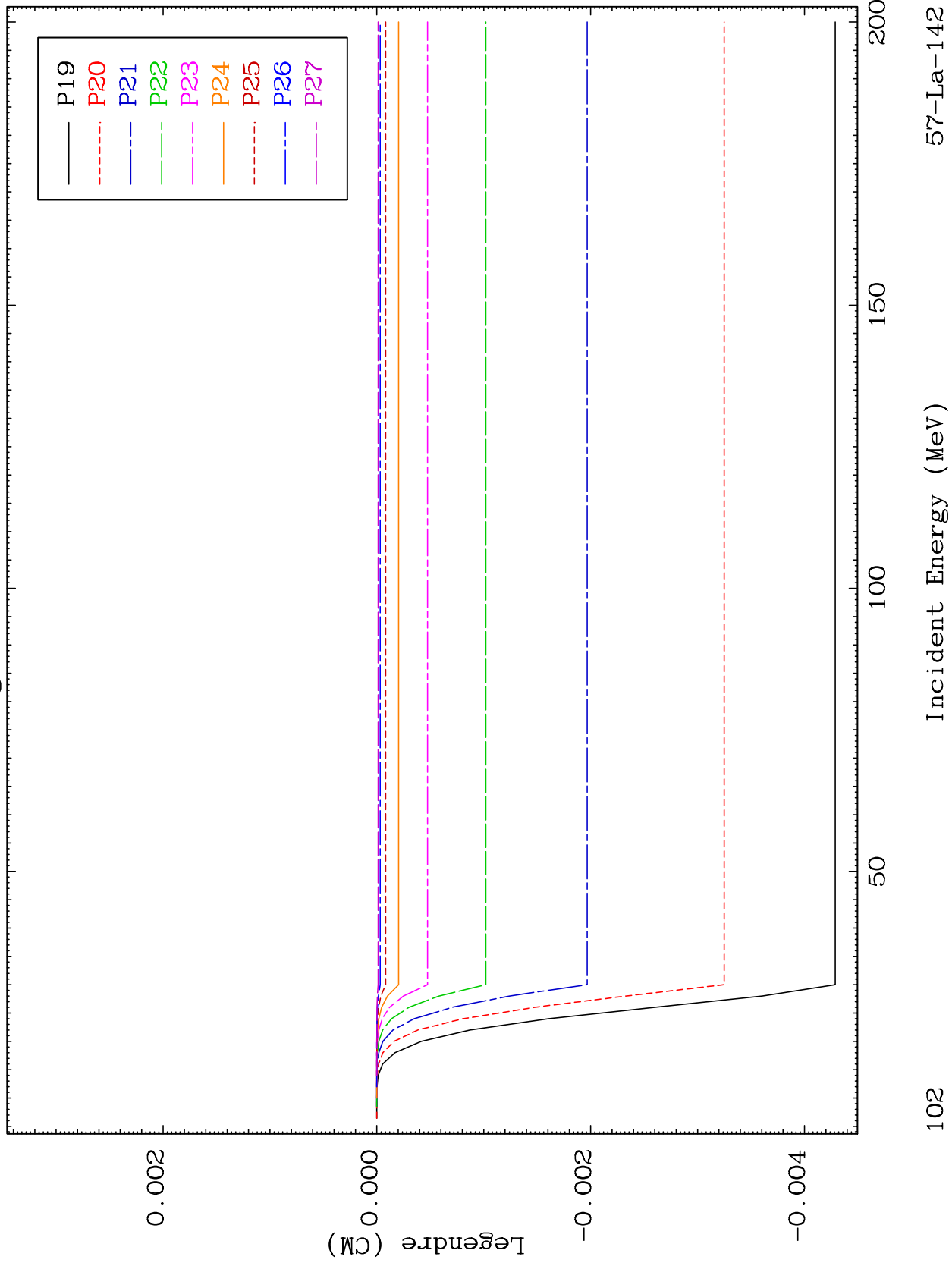
57-La-142



MAT 5737

MT= 76 (n,n') Level
Legendre Coefficients

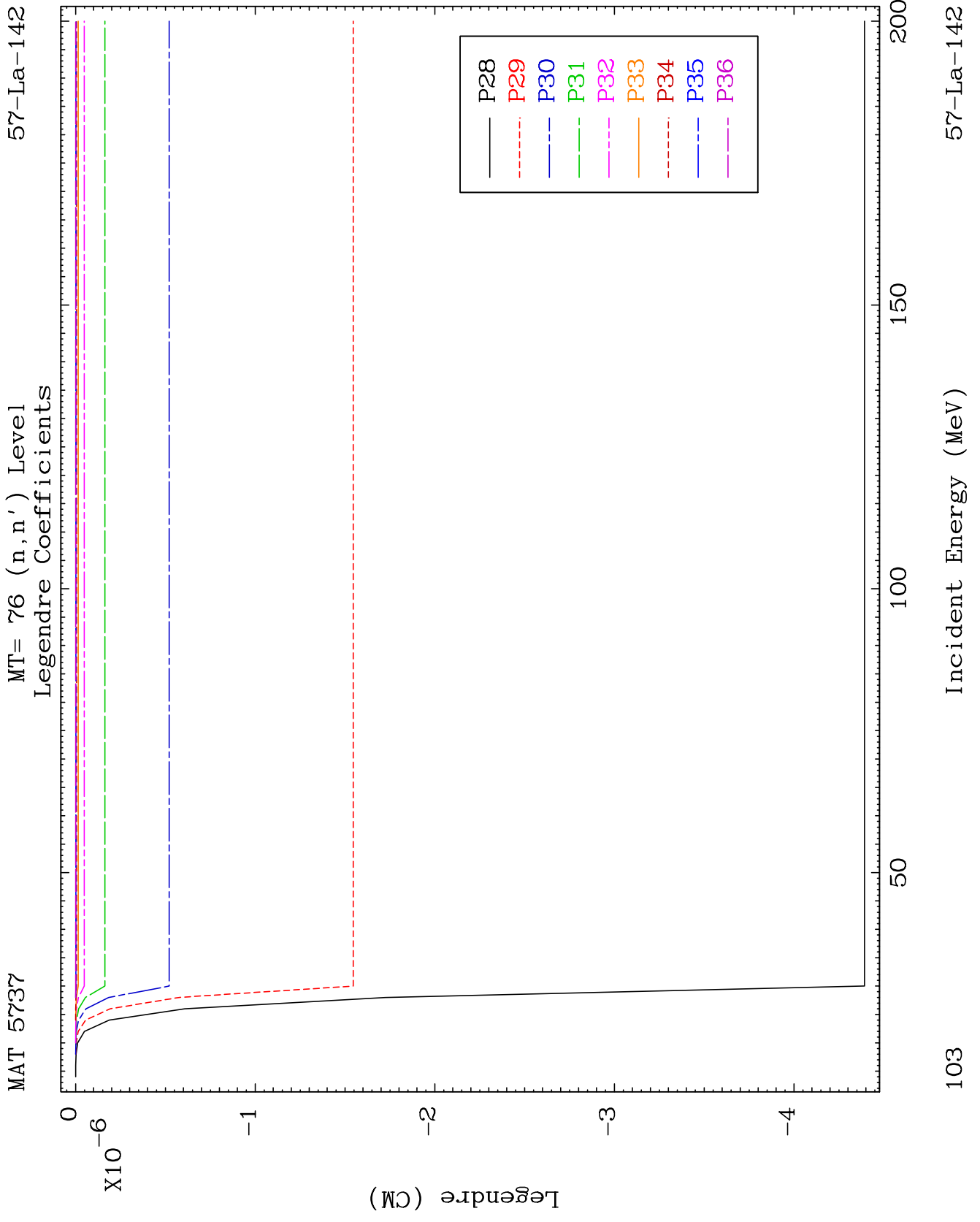
57-La-142

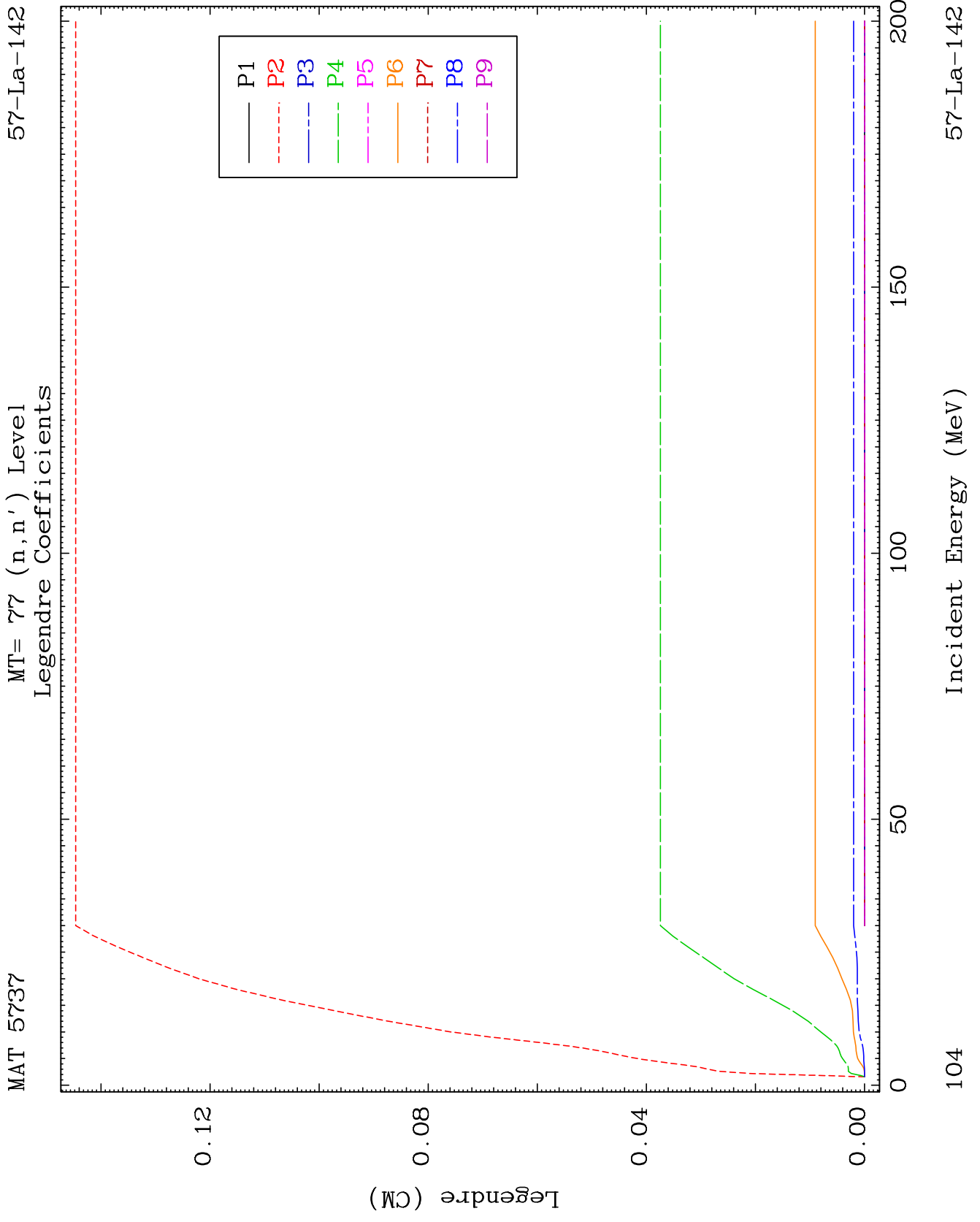


102

Incident Energy (MeV)

57-La-142

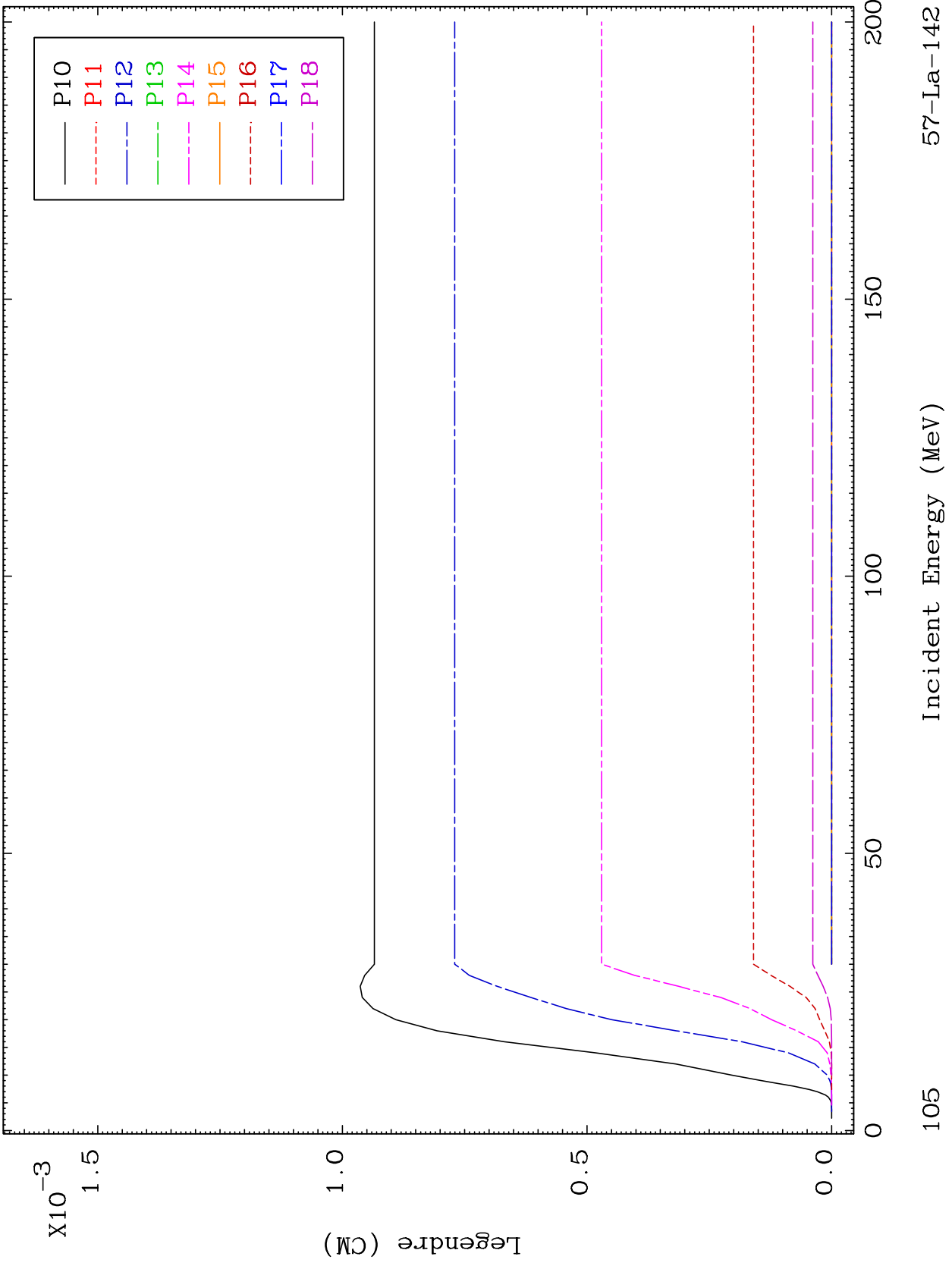




MAT 5737

MT= 77 (n,n') Level
Legendre Coefficients

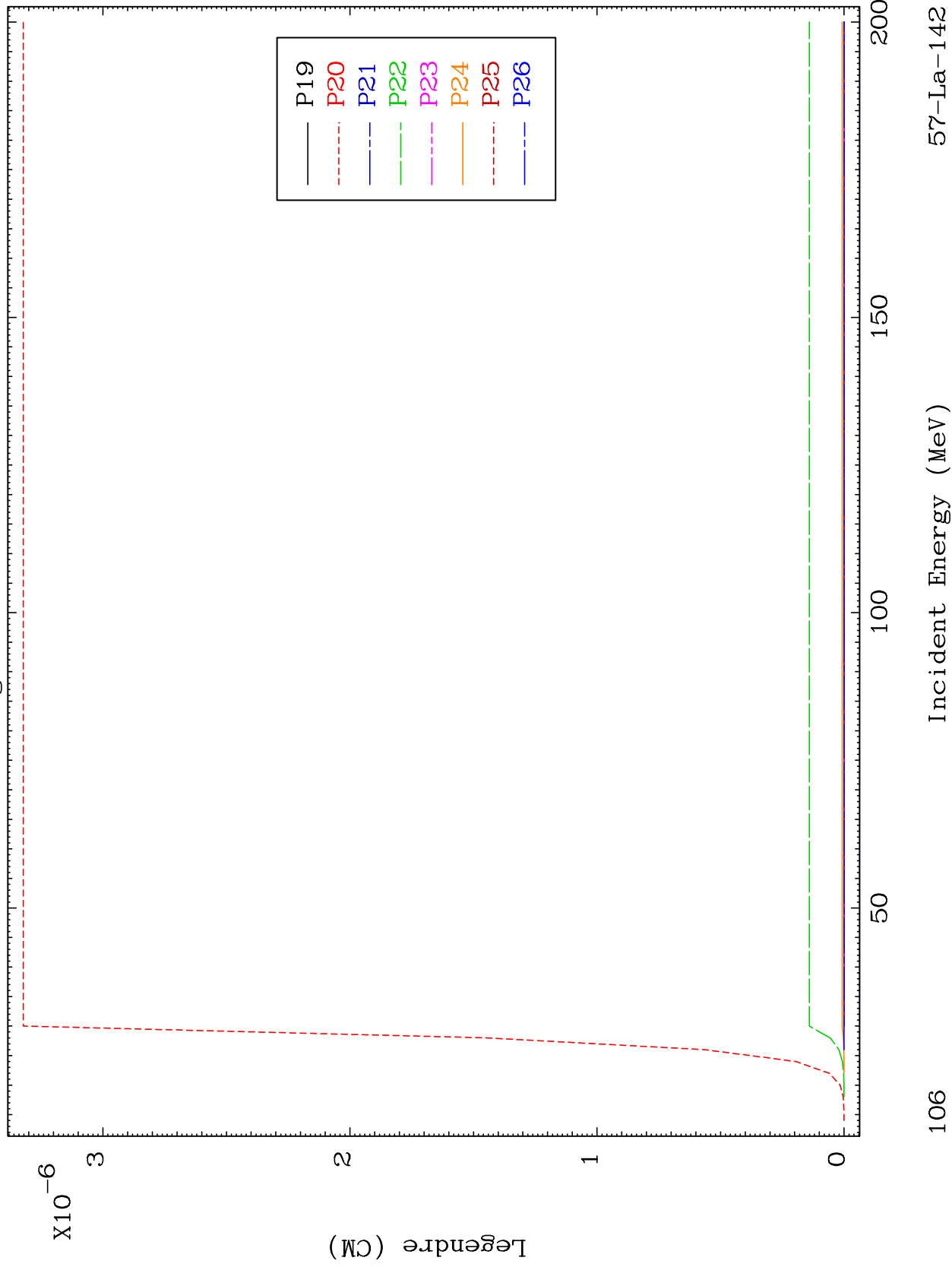
57-La-142



MAT 5737

MT= 77 (n,n') Level
Legendre Coefficients

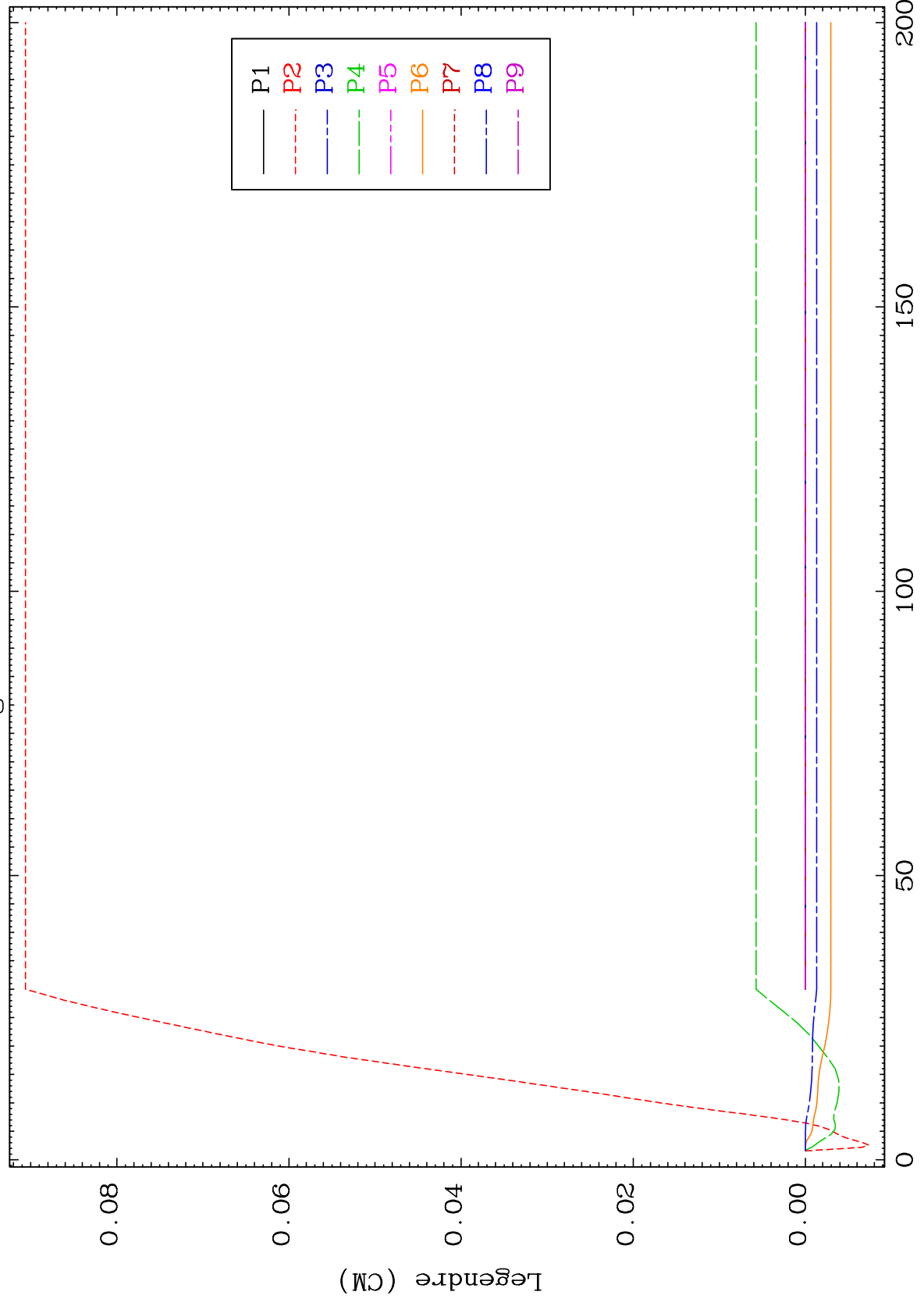
57-La-142



MAT 5737

MT= 78 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

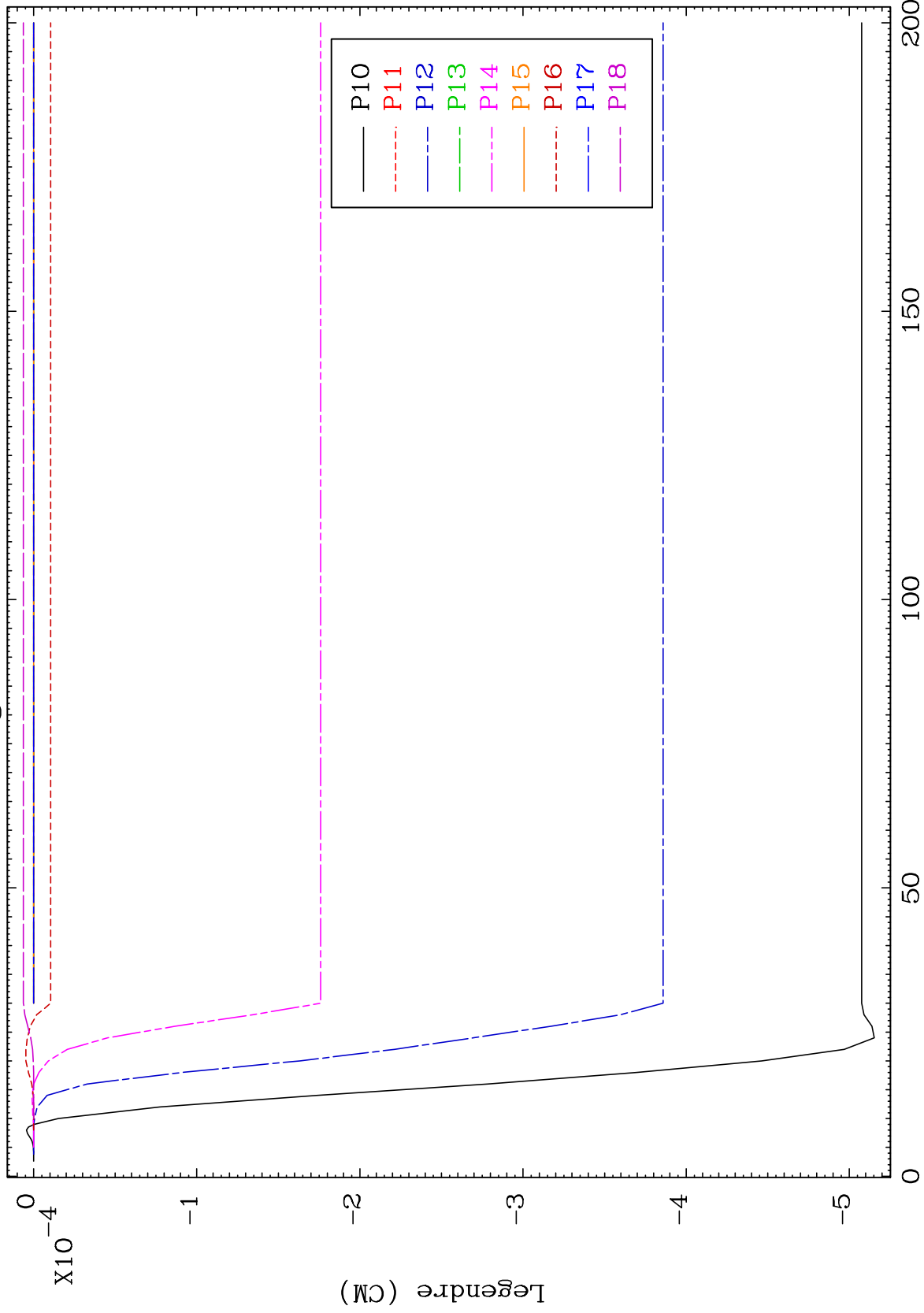
Incident Energy (MeV)

107

MAT 5737

MT= 78 (n,n') Level
Legendre Coefficients

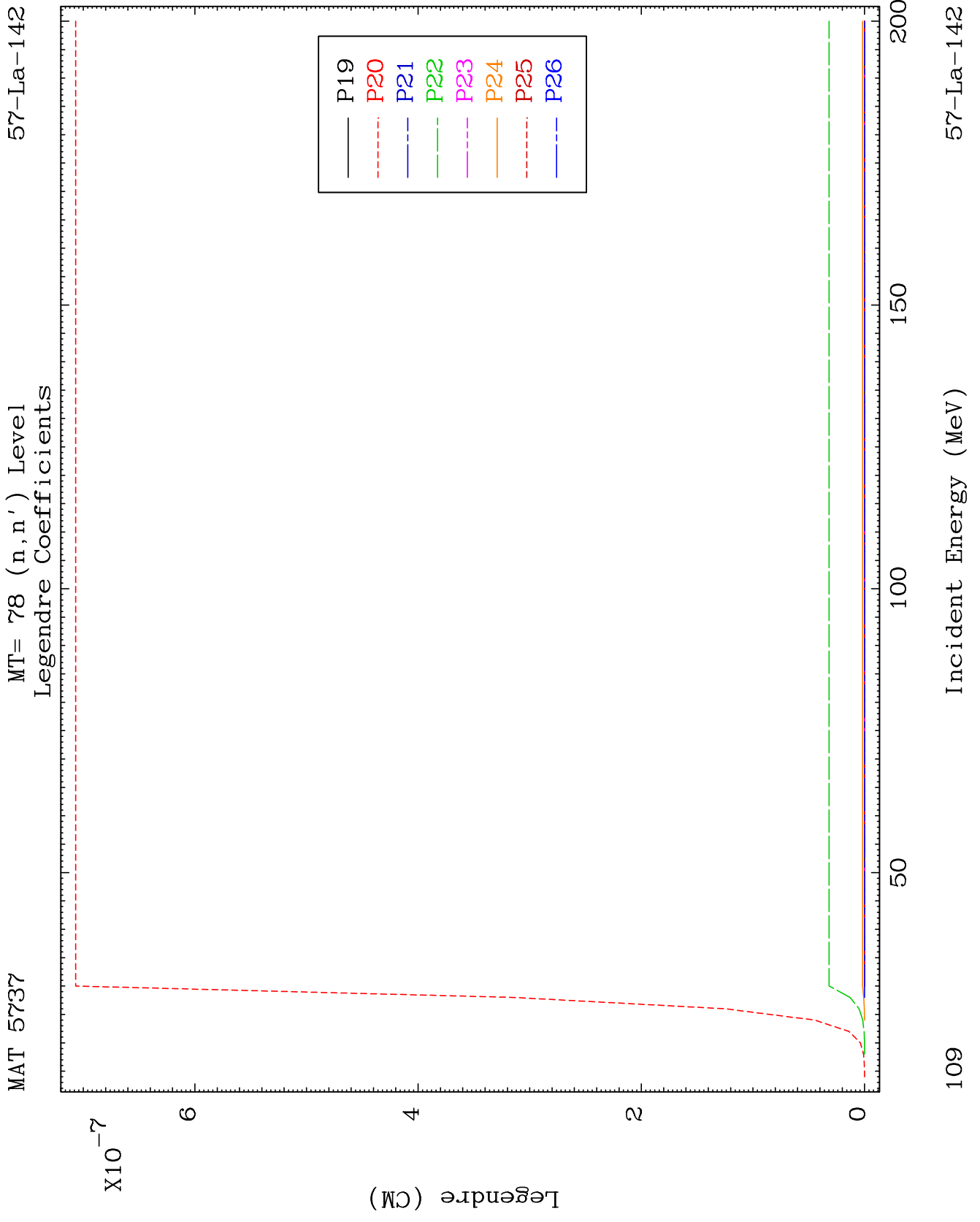
57-La-142

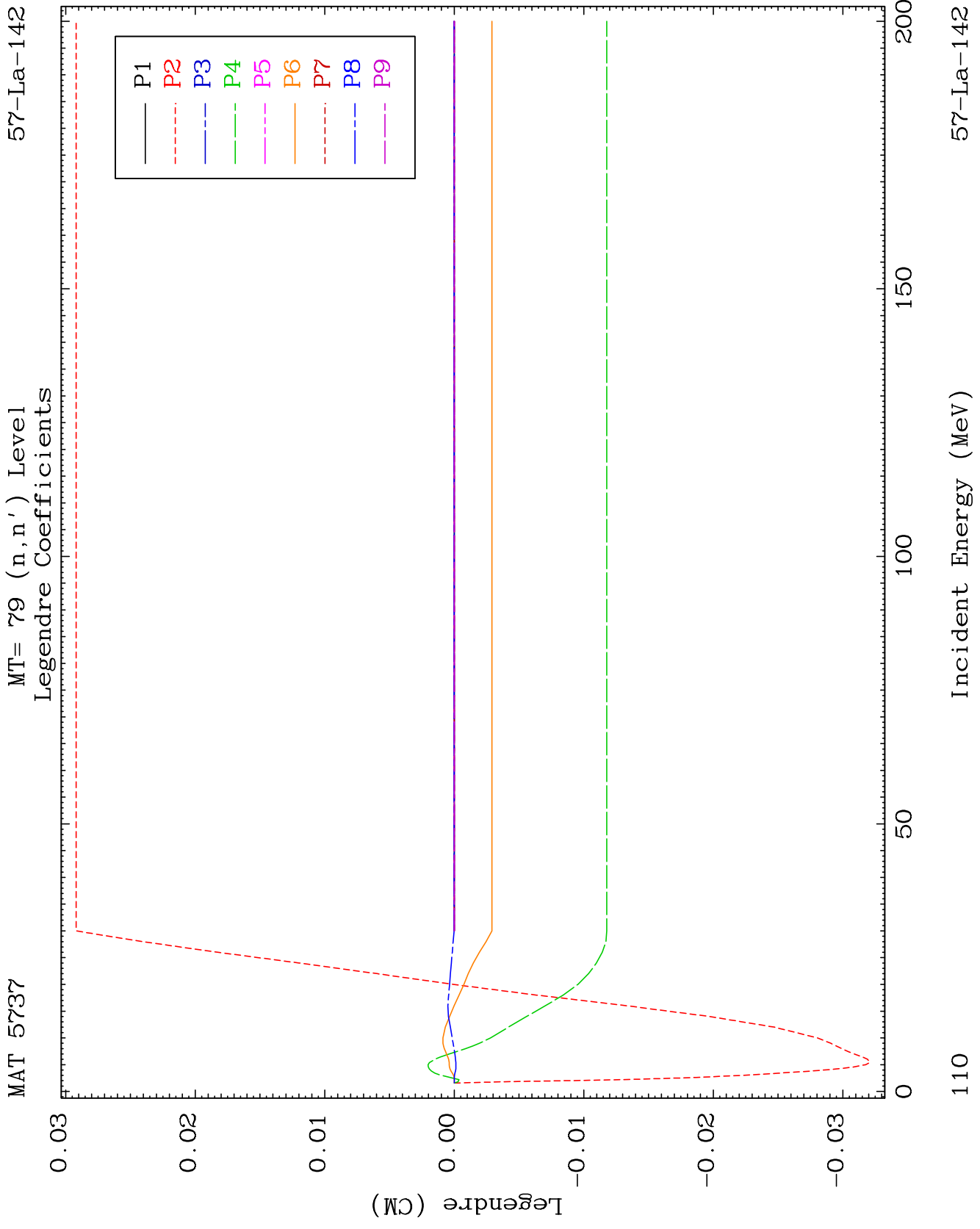


108

Incident Energy (MeV)

57-La-142

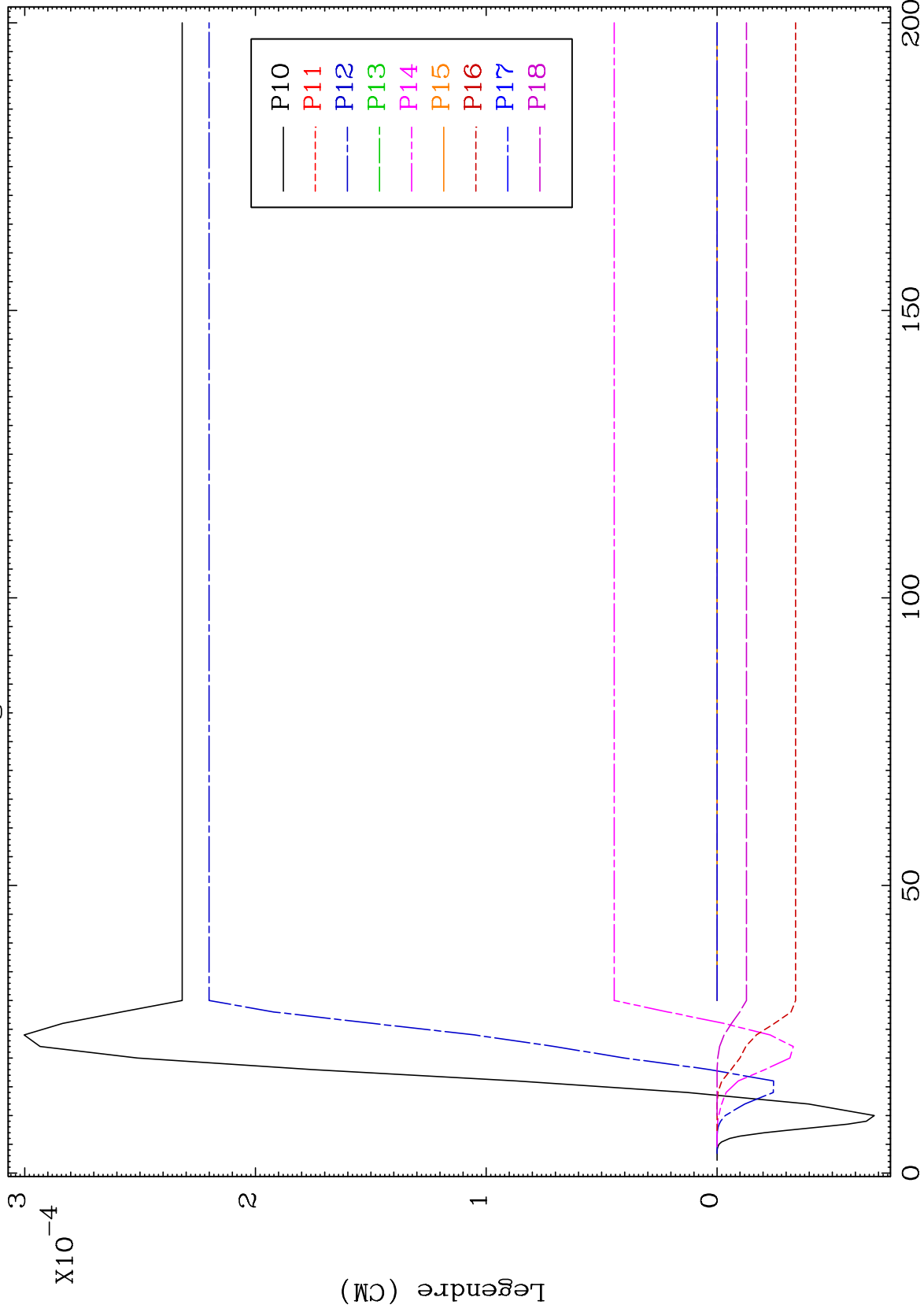




MAT 5737

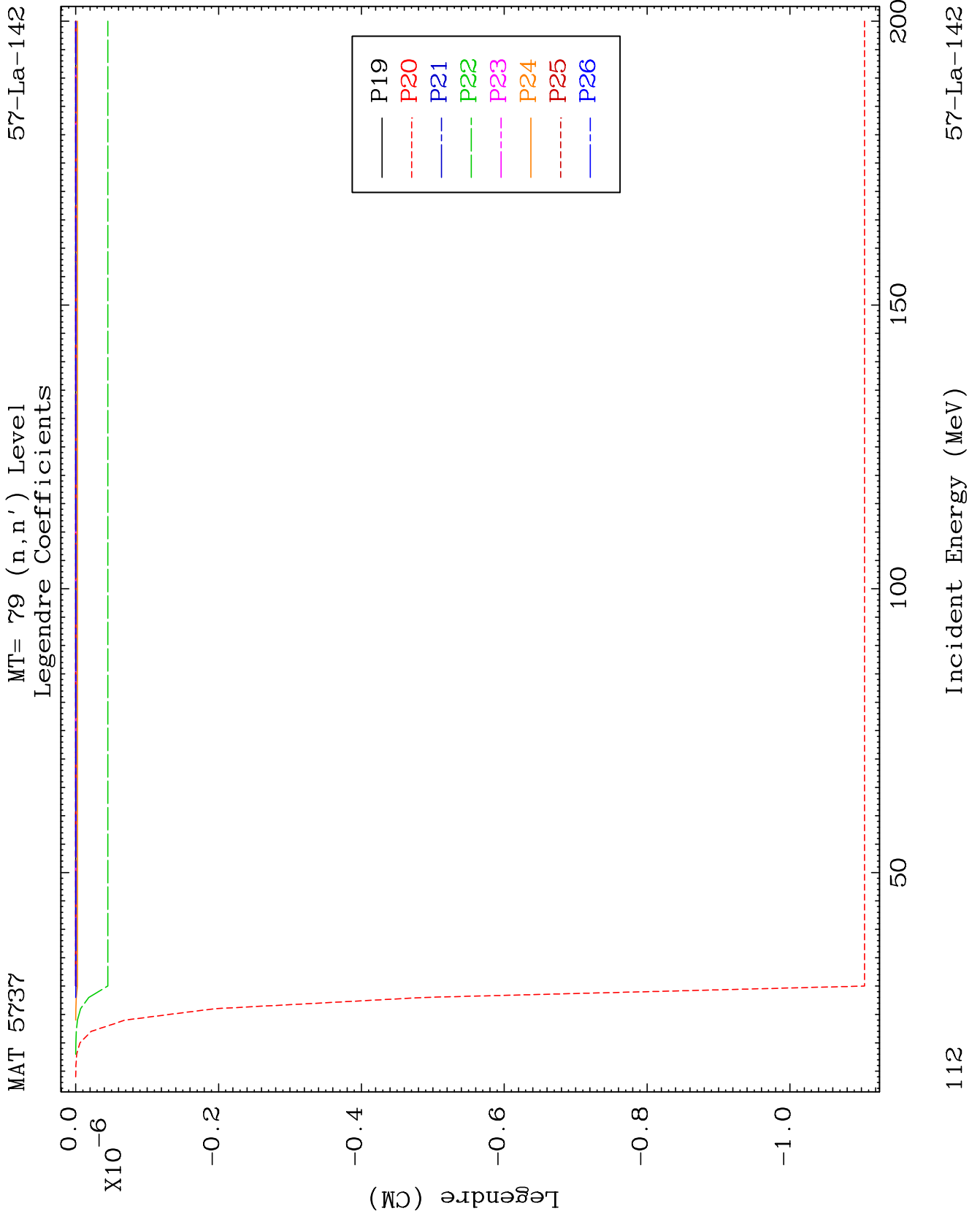
MT= 79 (n,n') Level
Legendre Coefficients

57-La-142



111

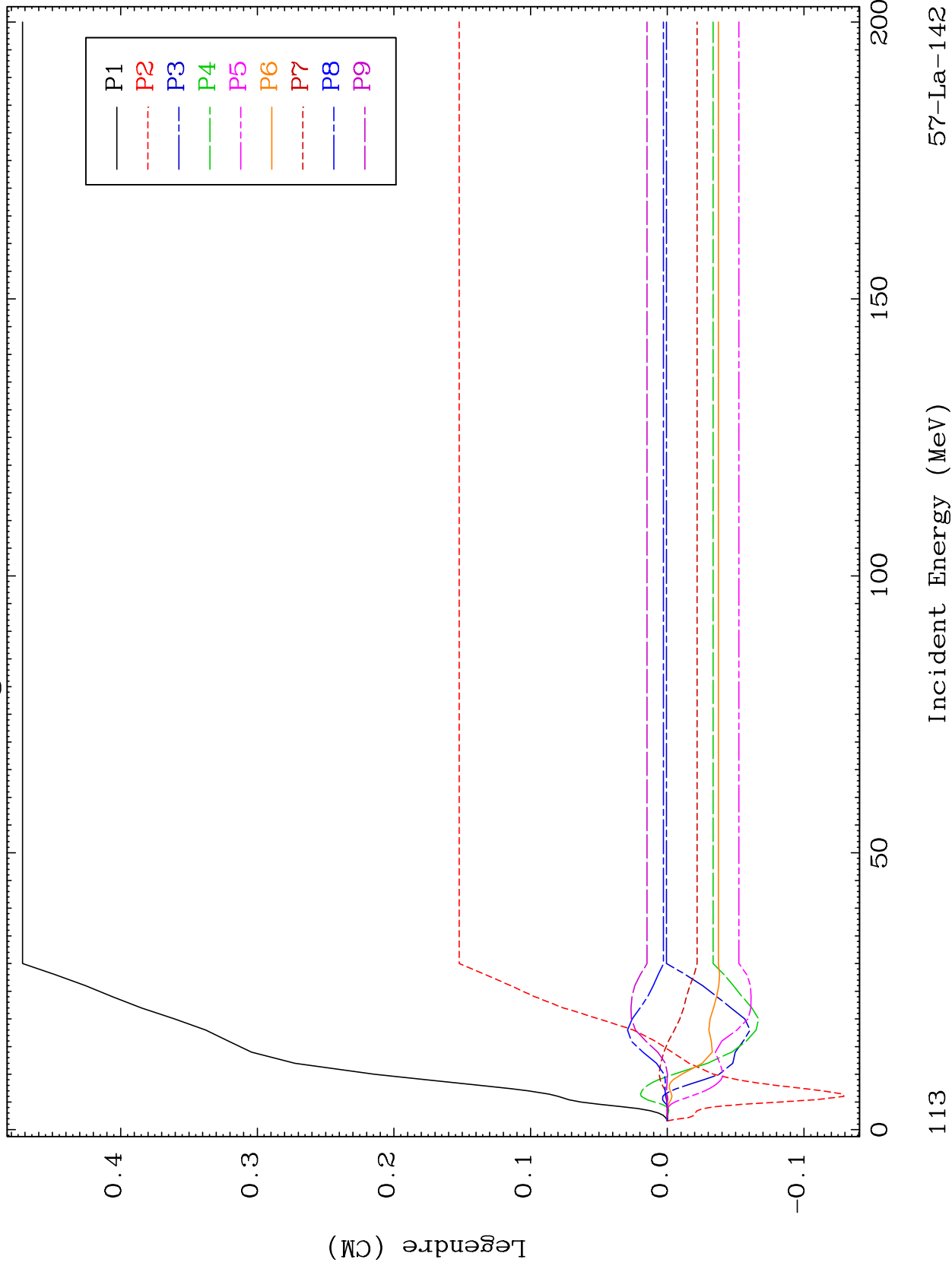
57-La-142



MAT 5737

MT= 80 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

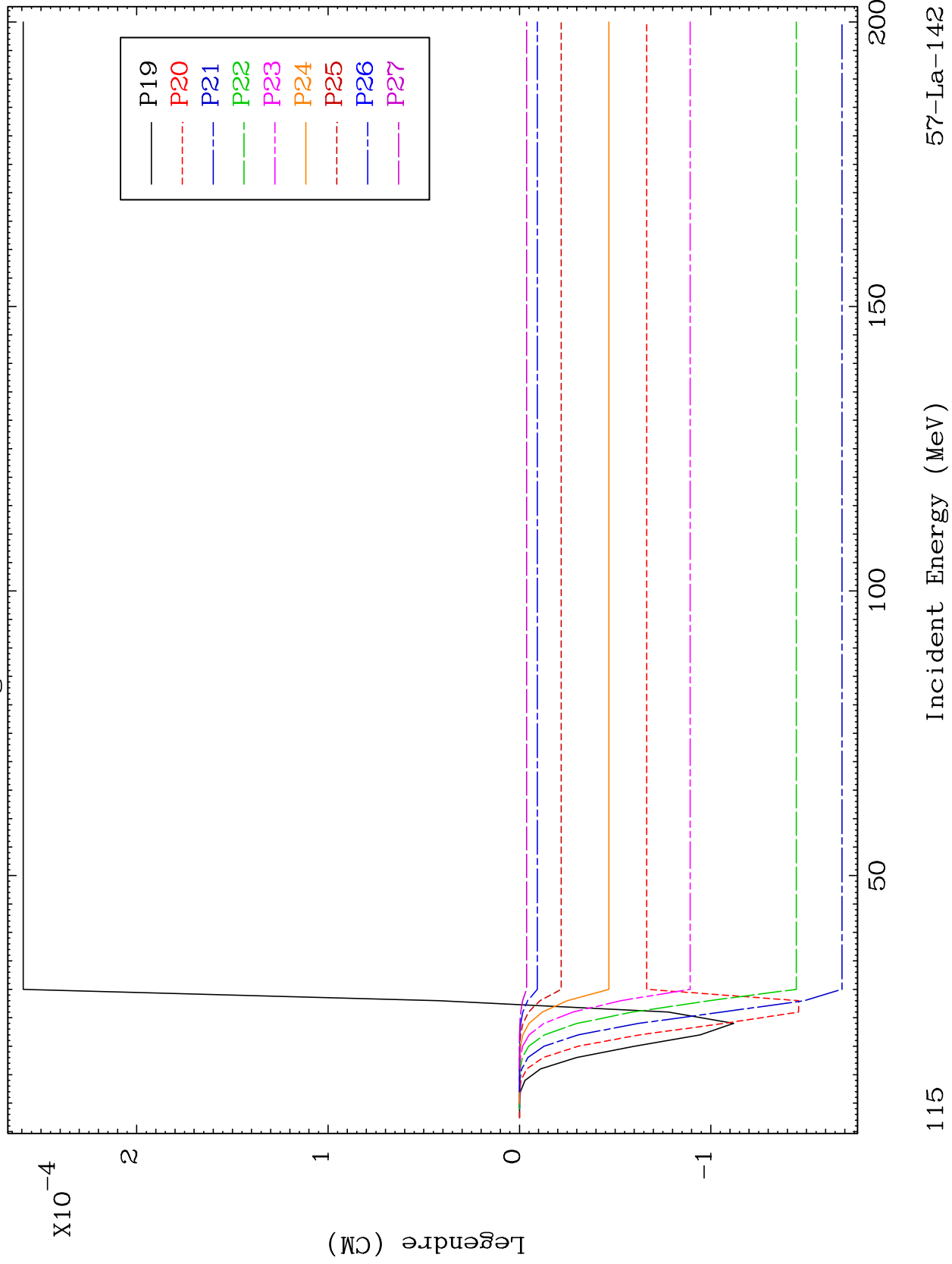
Incident Energy (MeV)

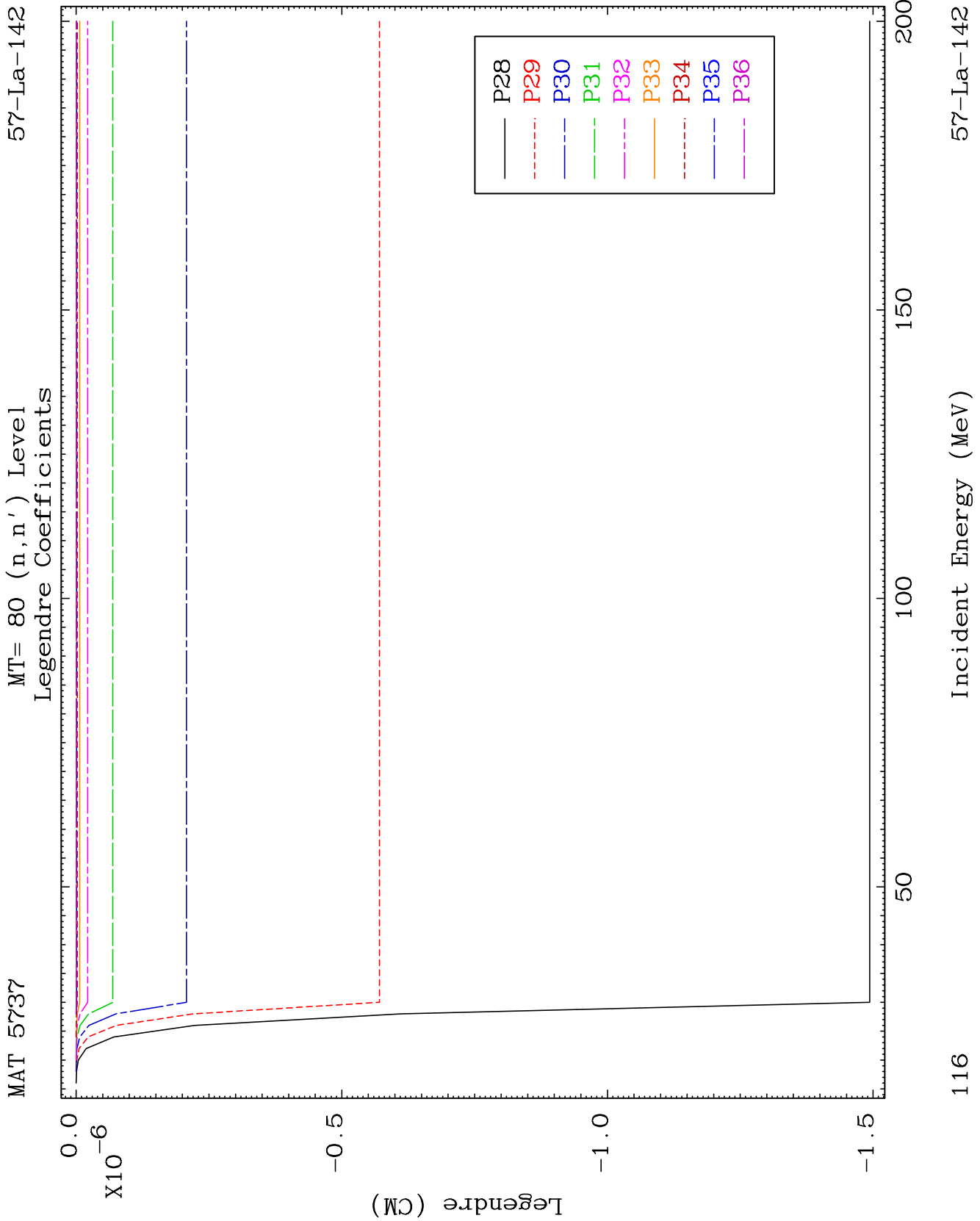
113

MAT 5737

MT= 80 (n,n') Level
Legendre Coefficients

57-La-142



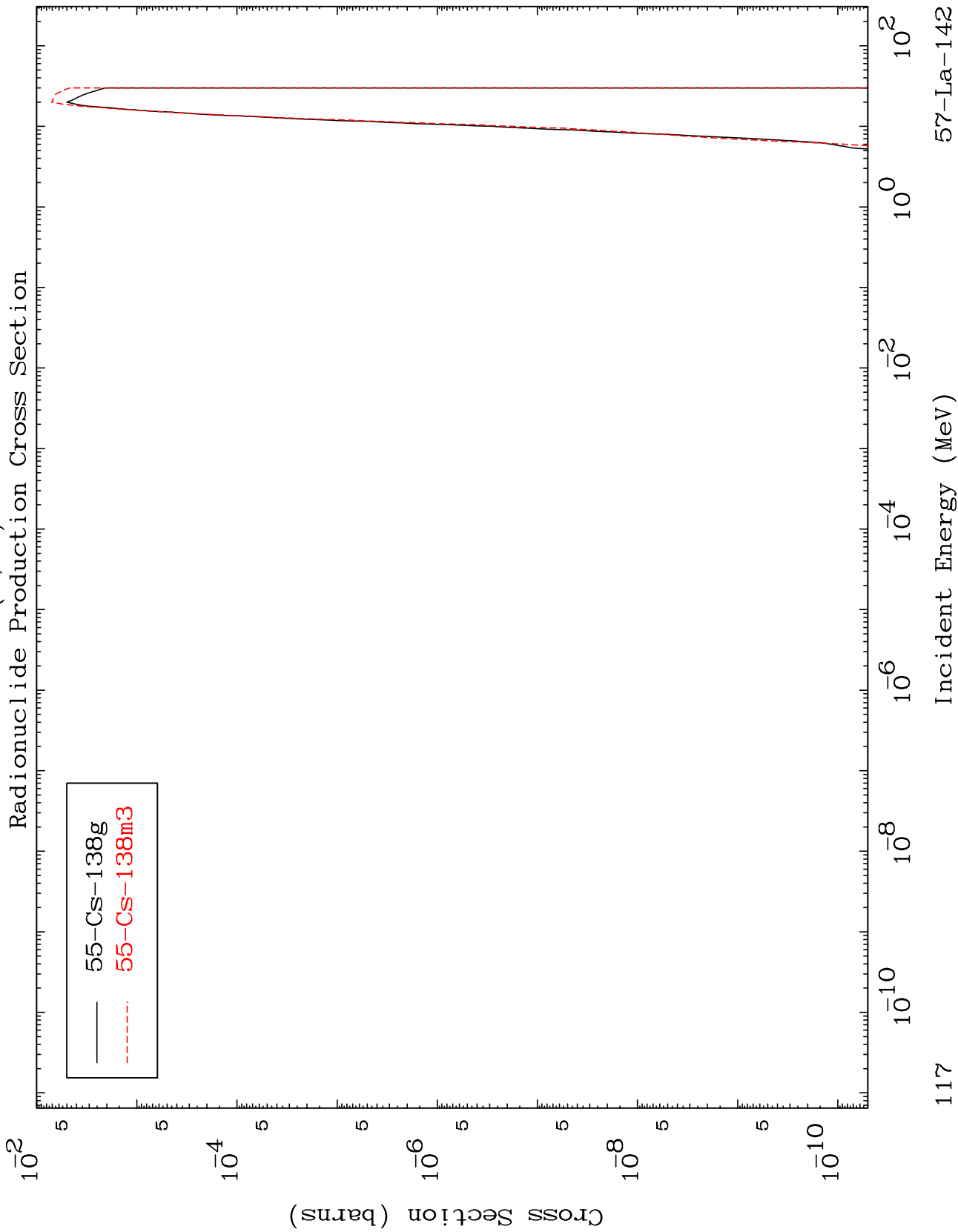


MAT 5737

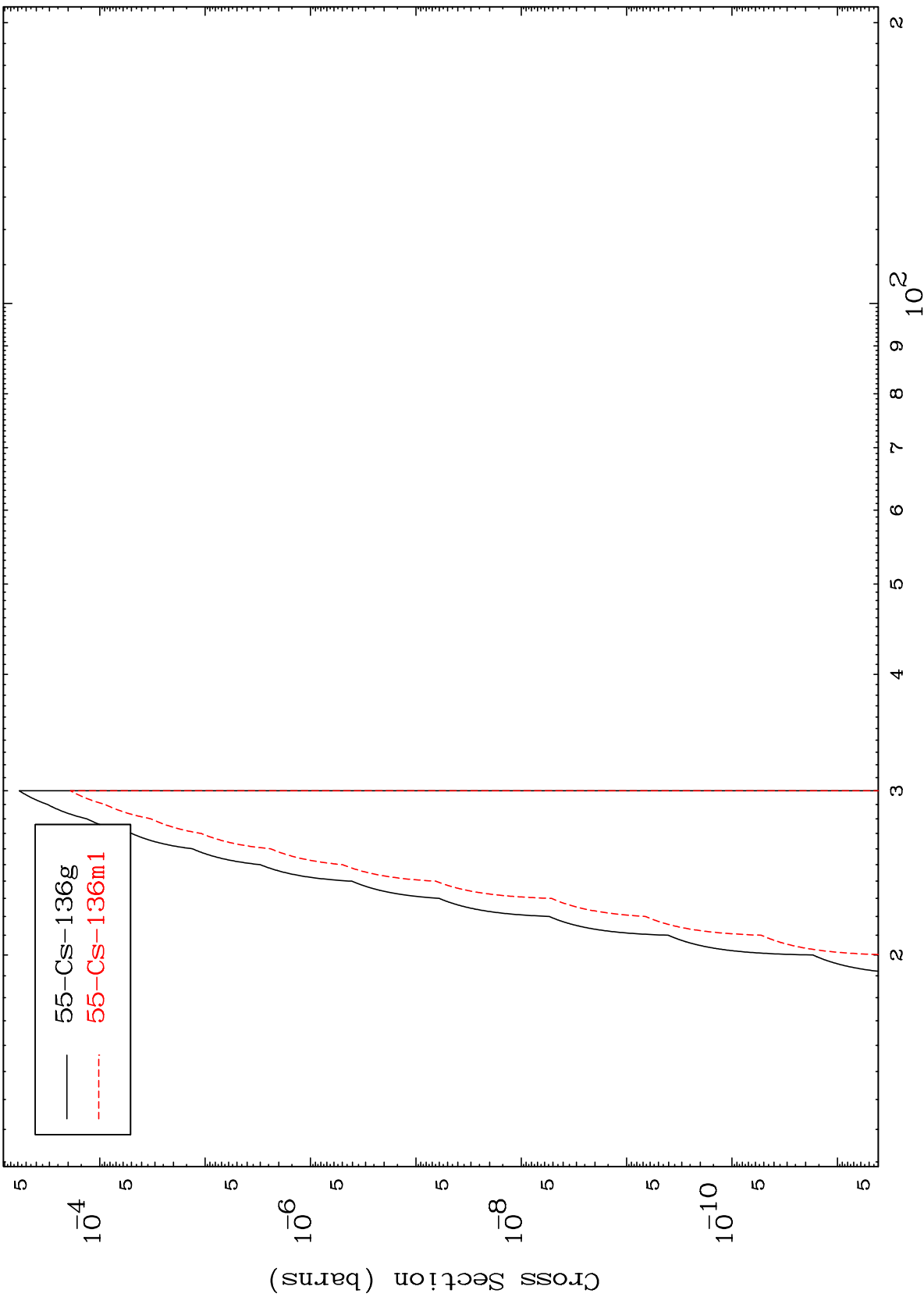
$(n, n') \alpha$

57-La-142

Radionuclide Production Cross Section



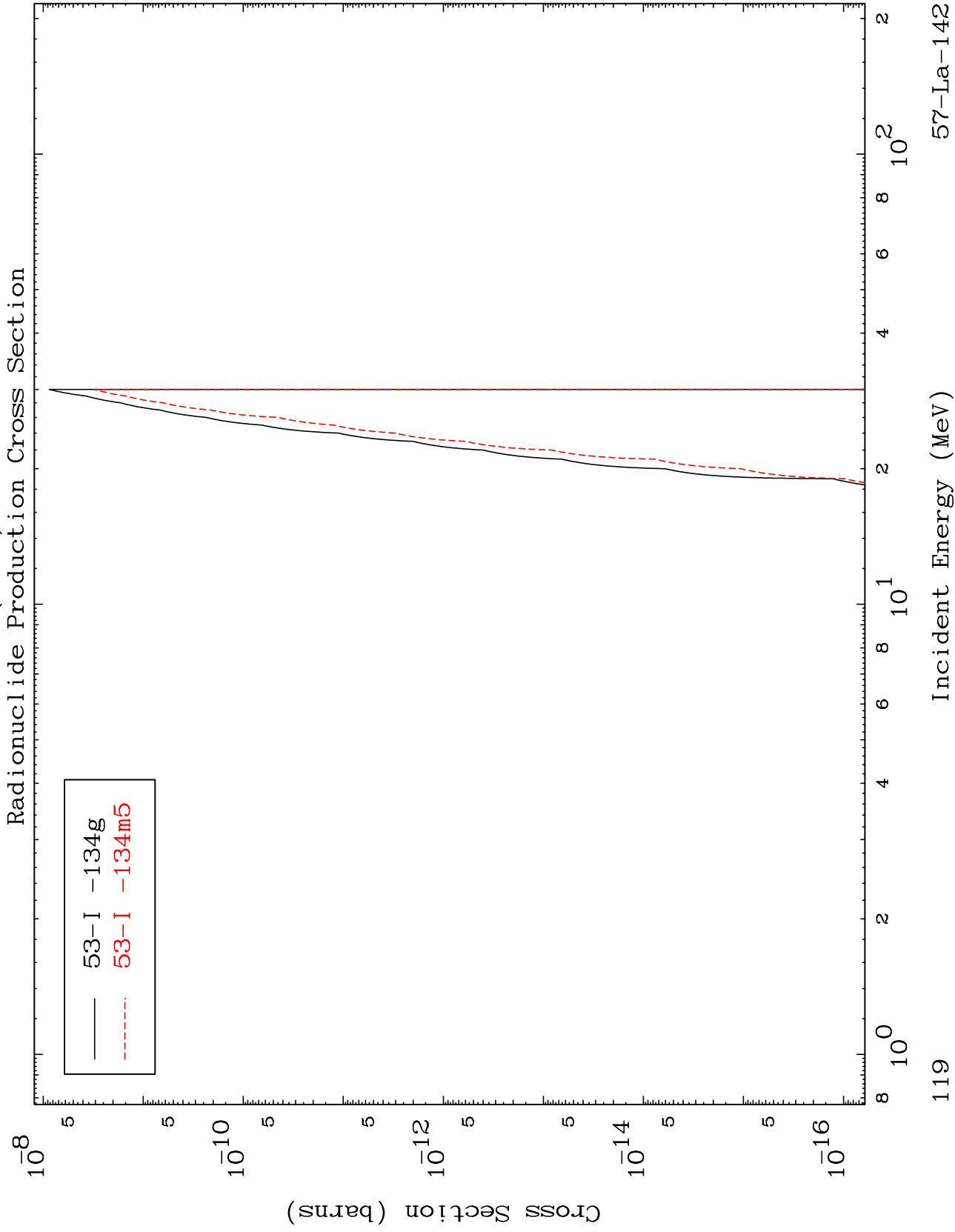
Radionuclide Production Cross Section



MAT 5737

(n,n') 2α

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Incident Energy (MeV)

57-La-142