

Program EVALPLOT
(Version 2021-1)

by

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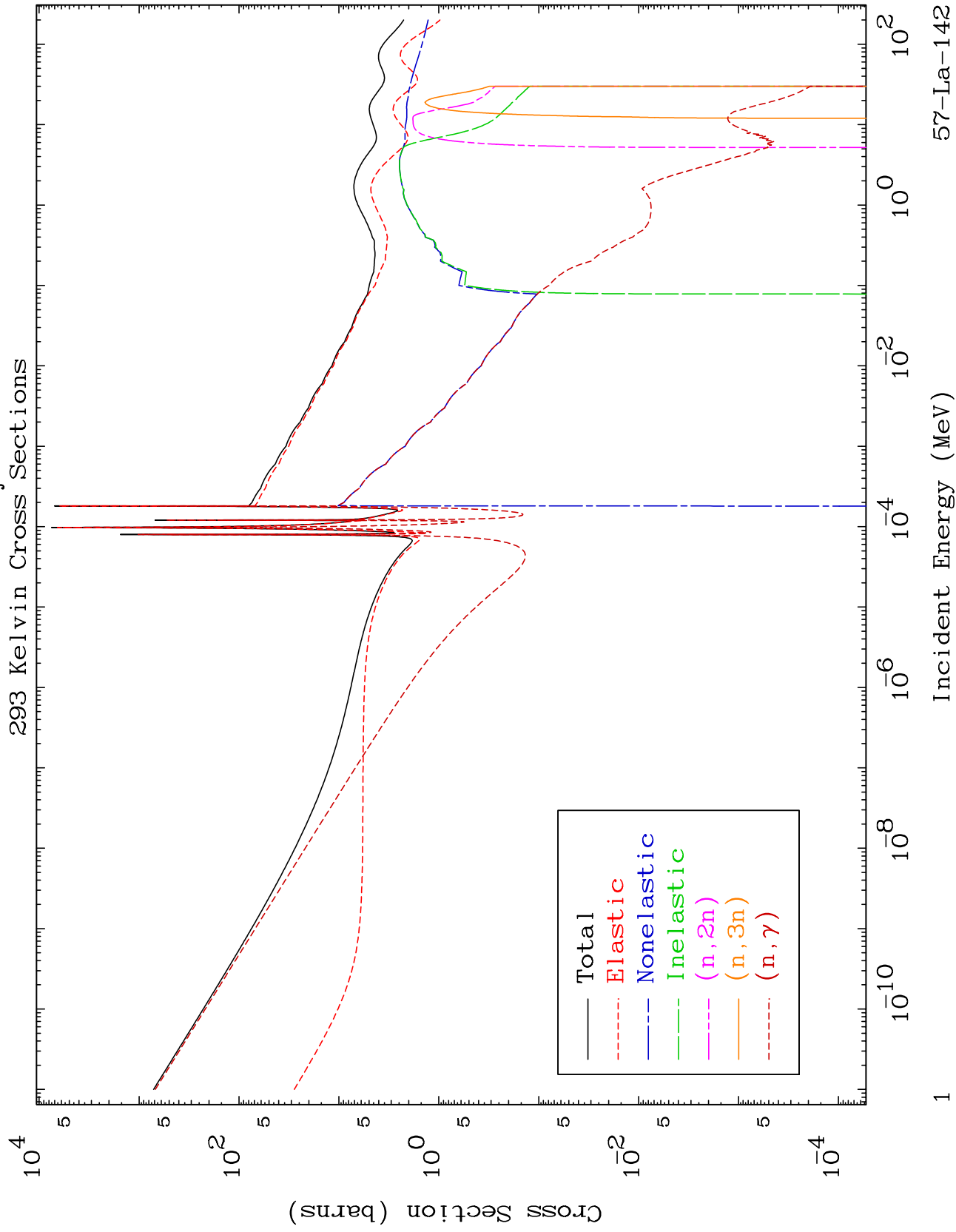
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Press Mouse Button to Start

MAT 5737

Neutron Major
293 Kelvin Cross Sections

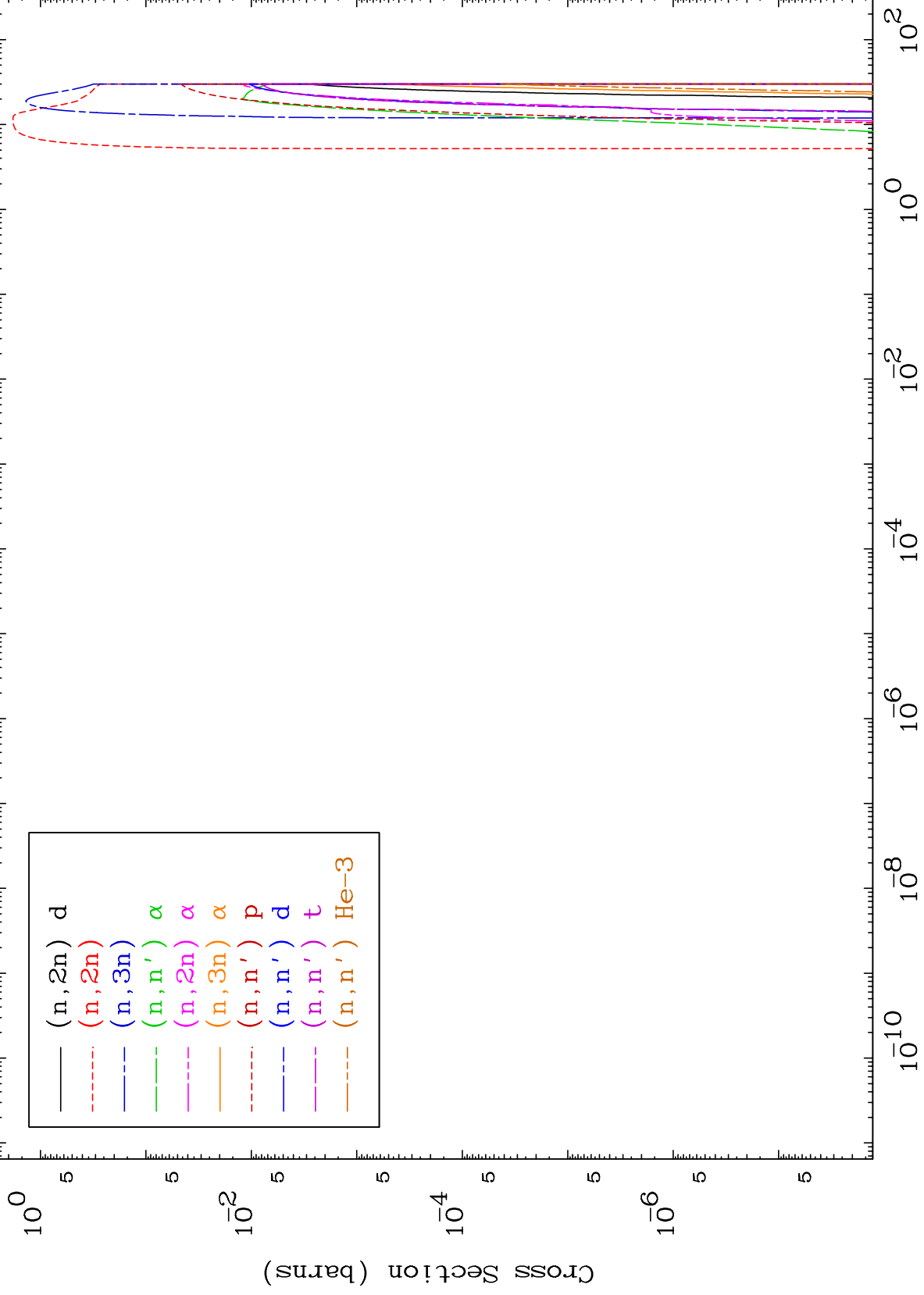
57-La-142



MAT 5737

Neutron Absorption
293 Kelvin Cross Sections

57-La-142



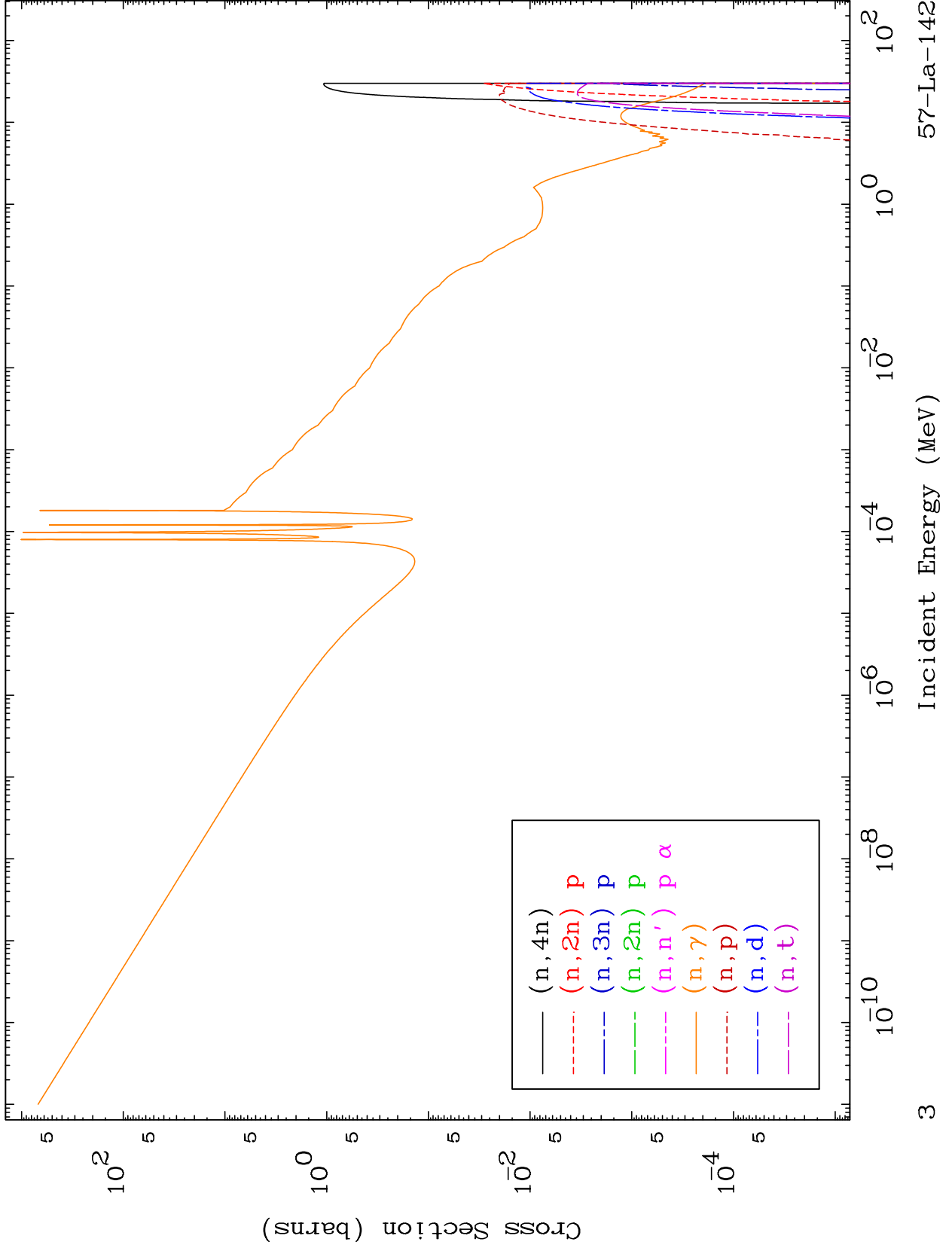
57-La-142

Incident Energy (MeV)

MAT 5737

Neutron Absorption
293 Kelvin Cross Sections

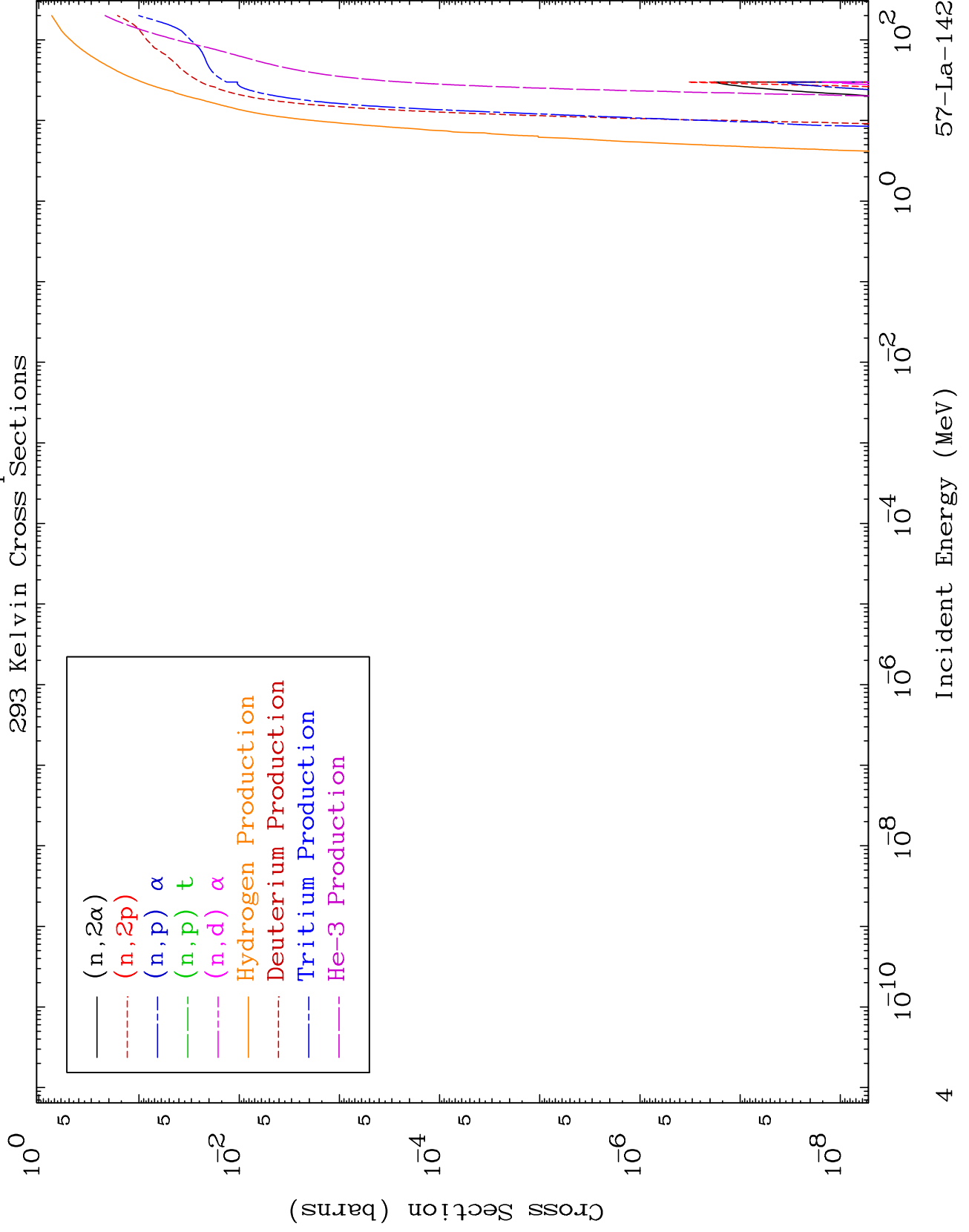
57-La-142



MAT 5737

Neutron Absorption
293 Kelvin Cross Sections

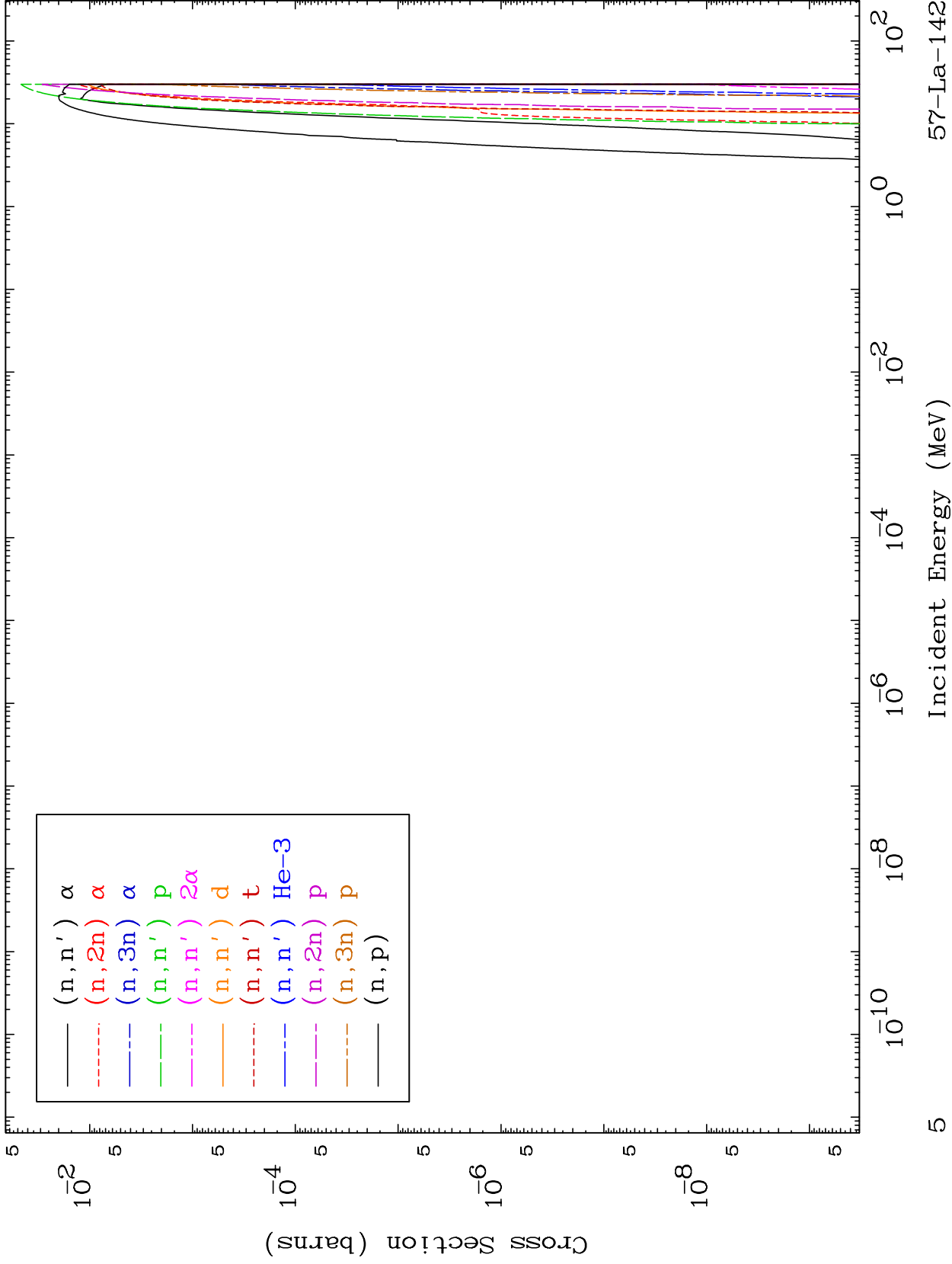
57-La-142



MAT 5737

Charged Particle
293 Kelvin Cross Sections

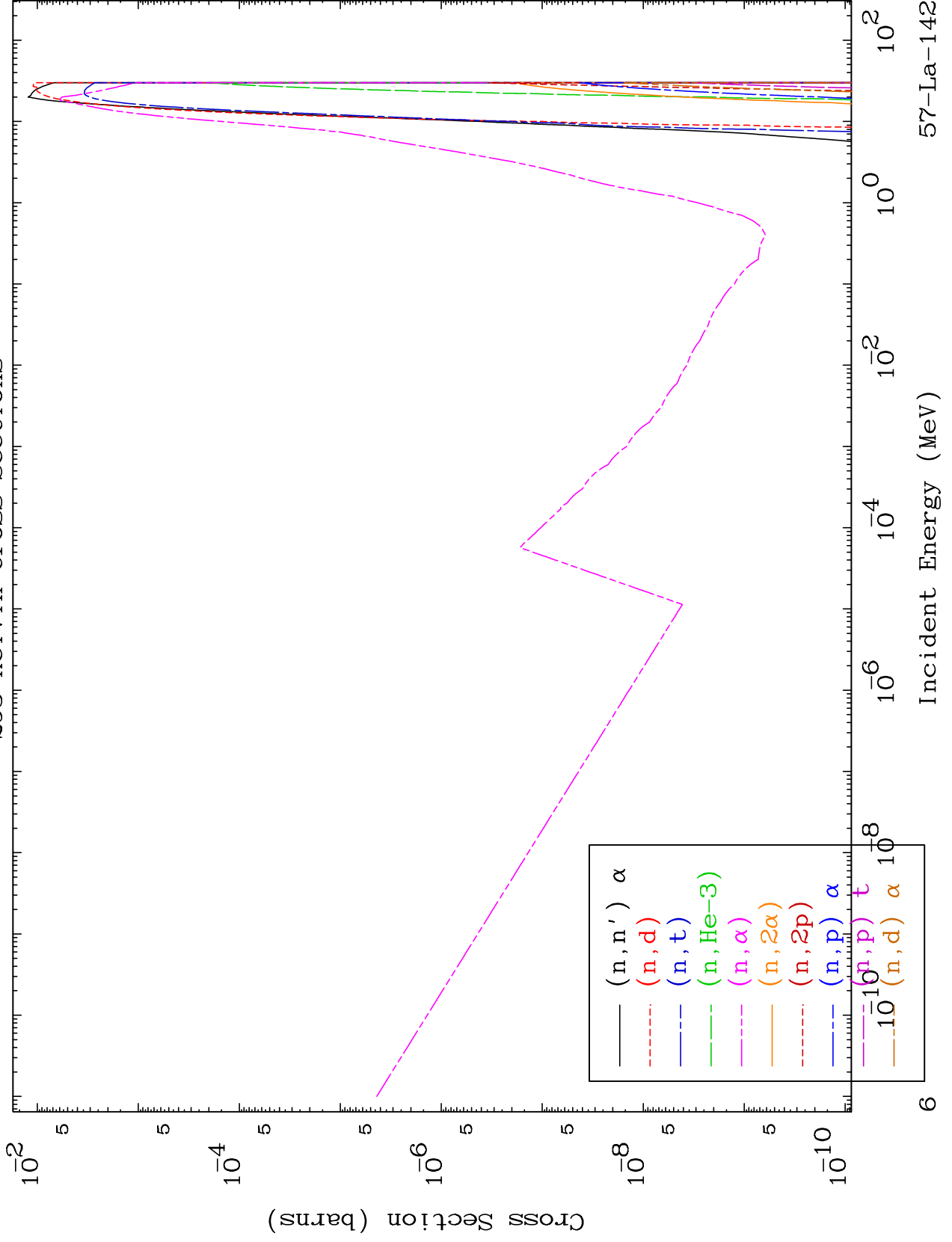
57-La-142



MAT 5737

Charged Particle
293 Kelvin Cross Sections

57-La-142



57-La-142

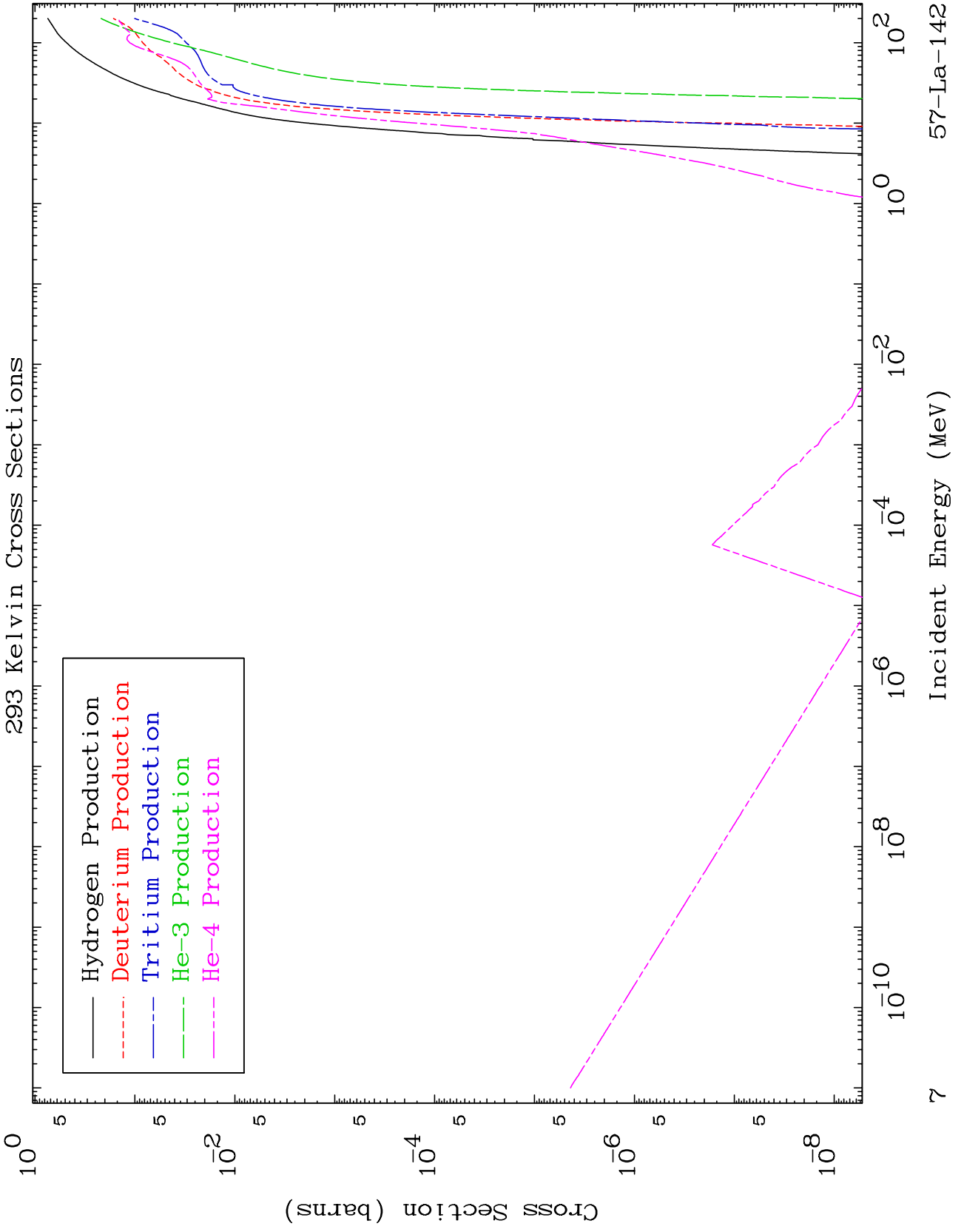
Incident Energy (MeV)

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MAT 5737

Particle Production
293 Kelvin Cross Sections

57-La-142

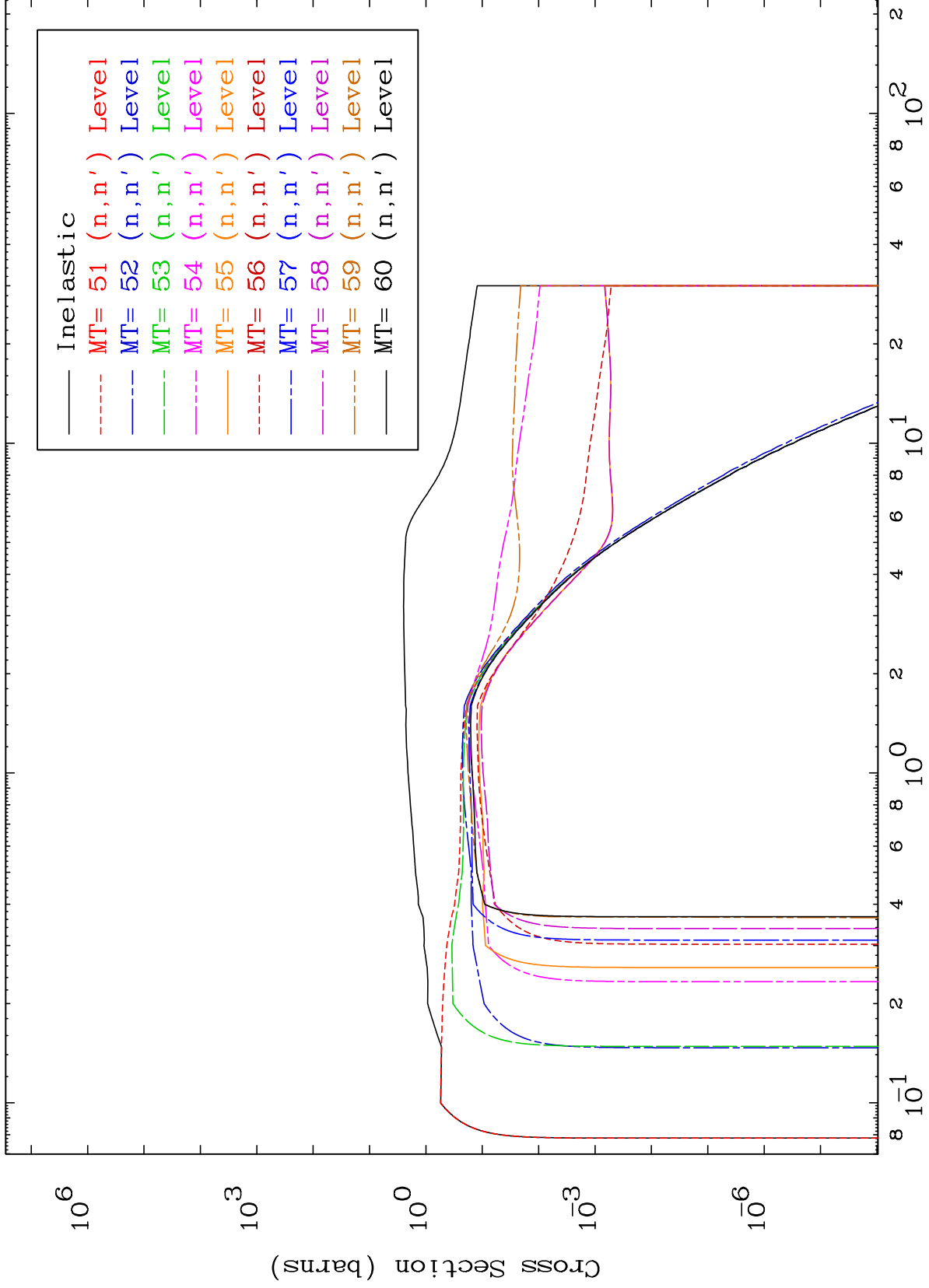


MAT 5737

(n,n') Levels

57-La-142

293 Kelvin Cross Sections

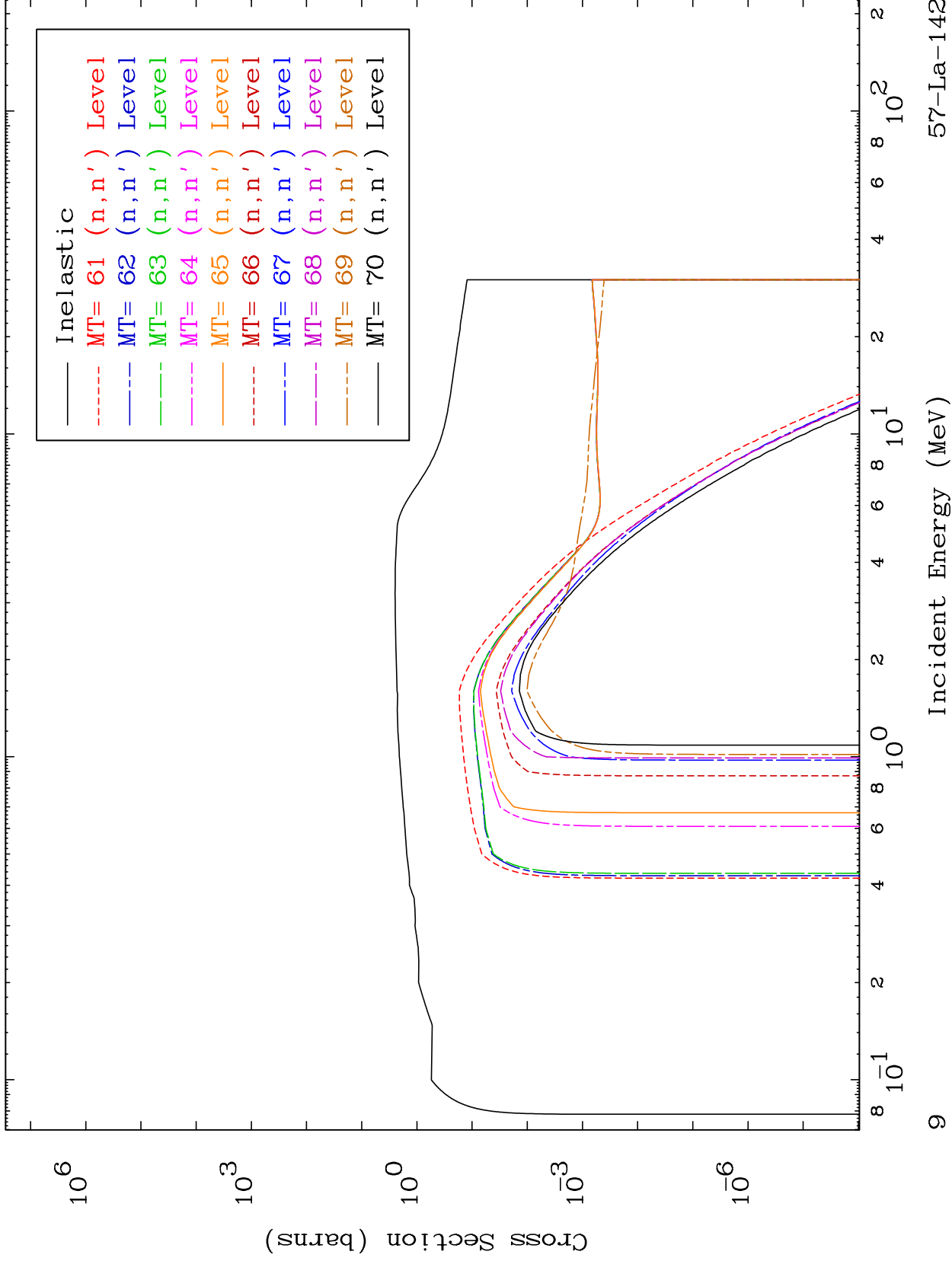


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Incident Energy (MeV)

57-La-142

293 Kelvin Cross Sections

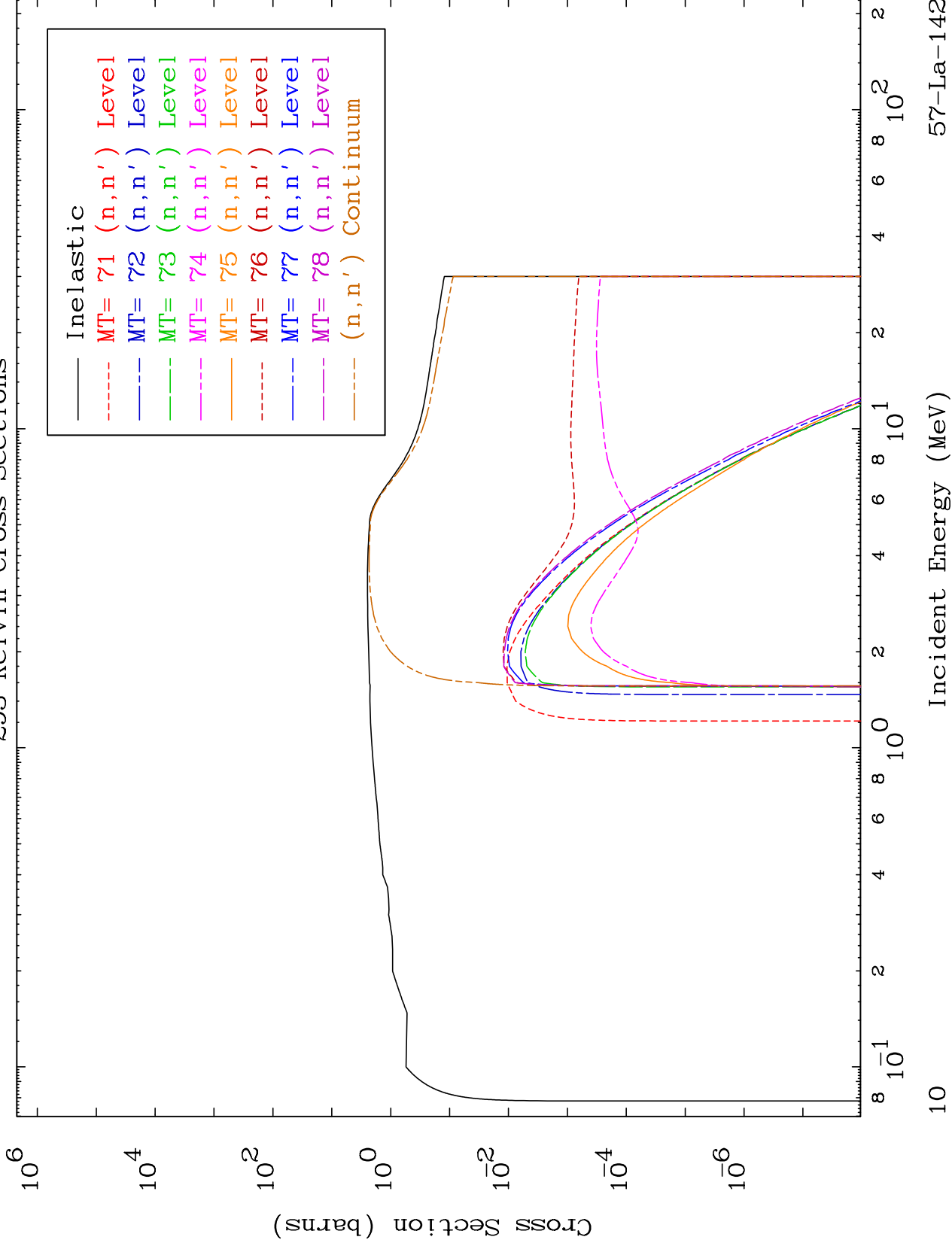


MAT 5737

(n,n') Levels

293 Kelvin Cross Sections

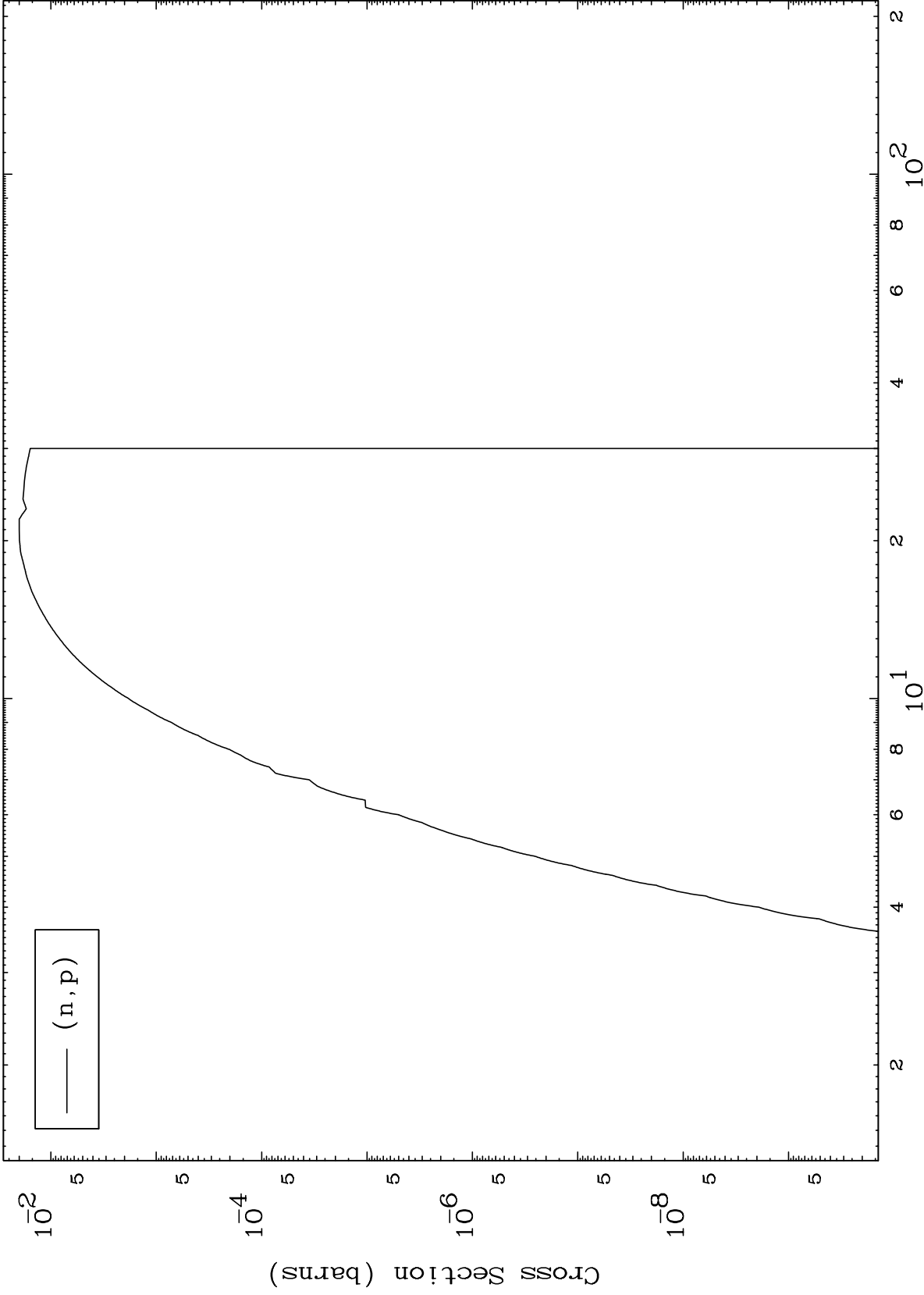
57-La-142



MAT 5737

(n,p) Levels
293 Kelvin Cross Sections

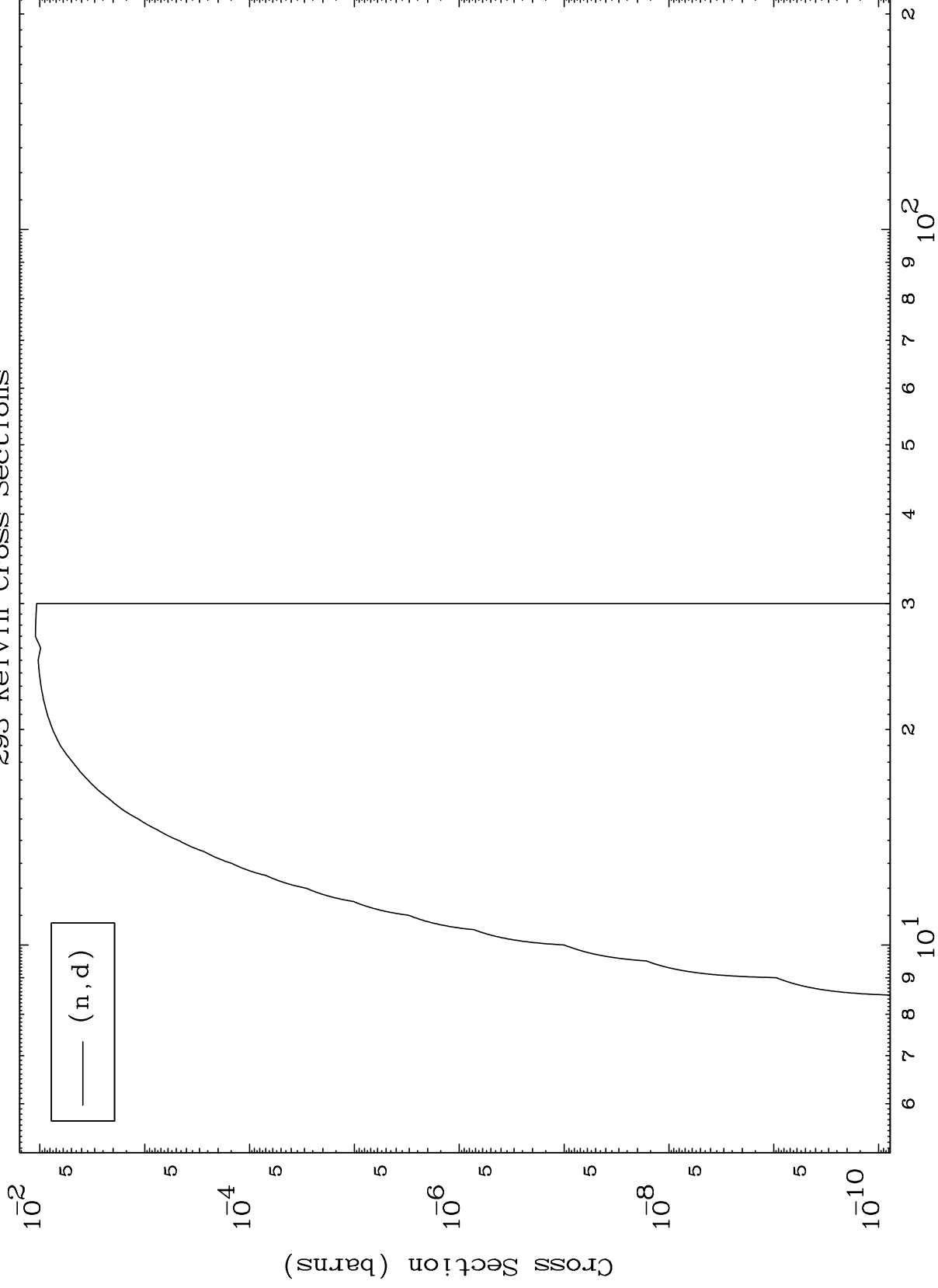
57-La-142



MAT 5737

(n,d) Levels
293 Kelvin Cross Sections

57-La-142



12

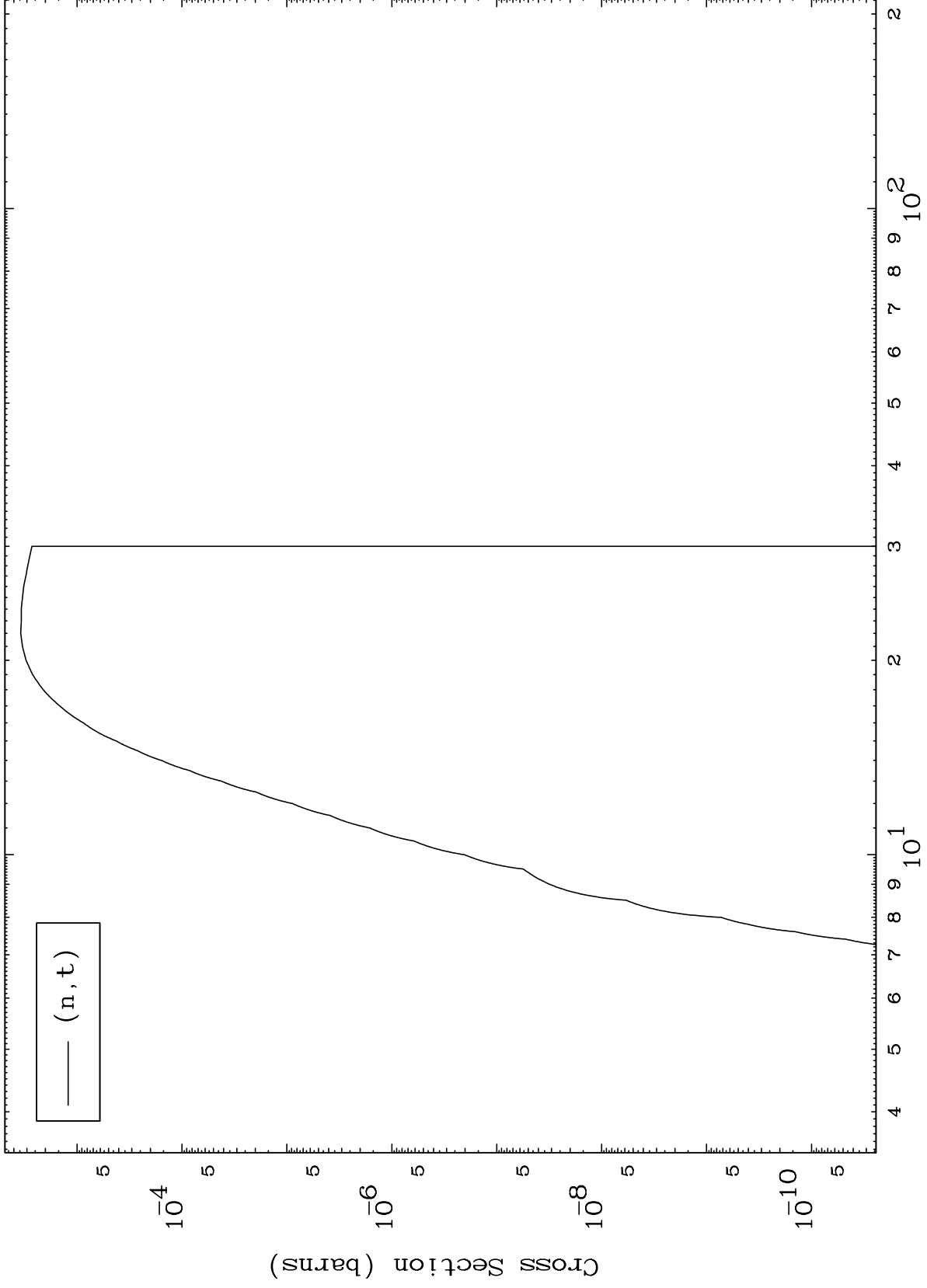
Incident Energy (MeV)

57-La-142

MAT 5737

(n,t) Levels
293 Kelvin Cross Sections

57-La-142



13

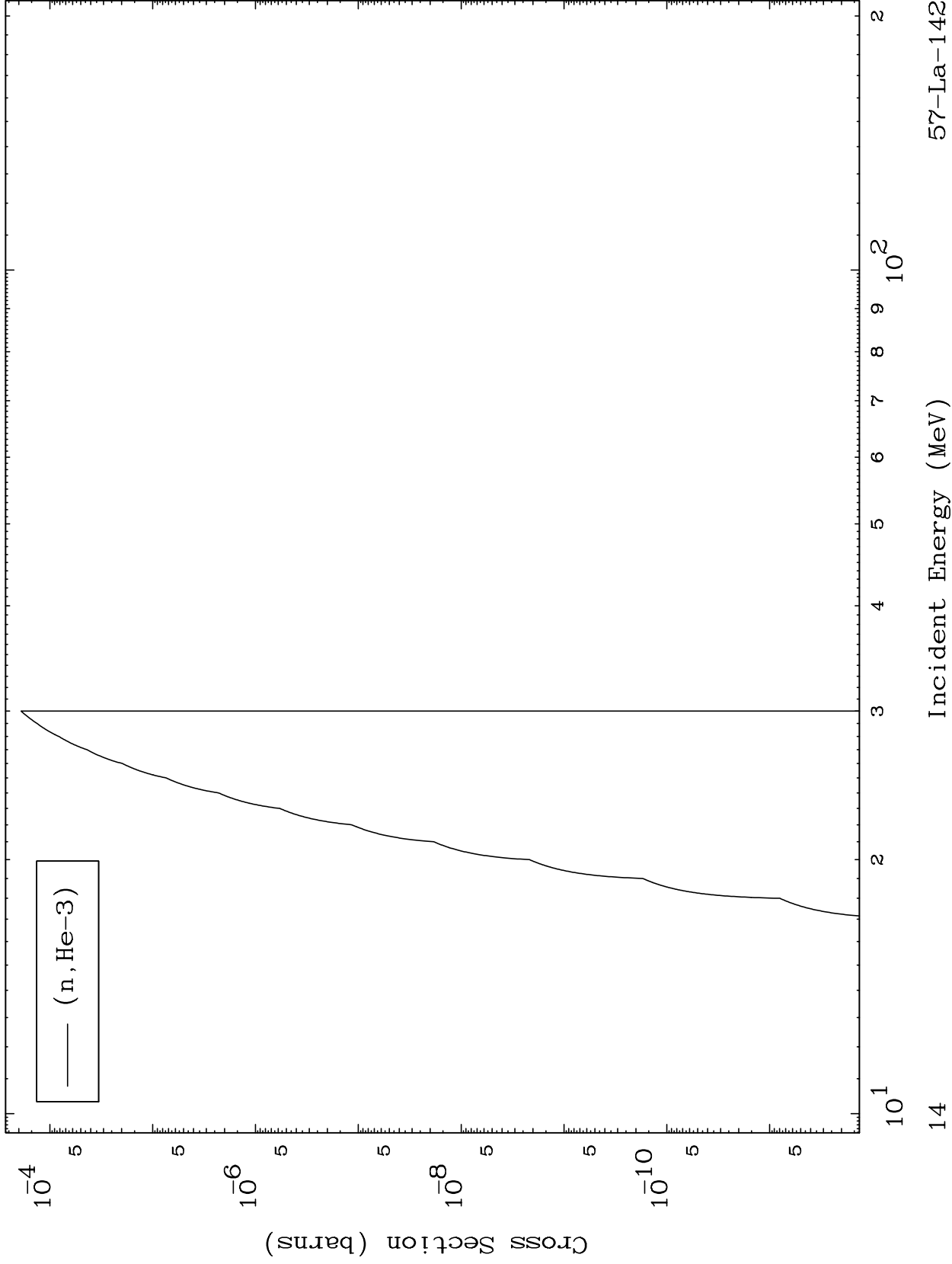
Incident Energy (MeV)

57-La-142

MAT 5737

(n,He3) Levels
293 Kelvin Cross Sections

57-La-142



57-La-142

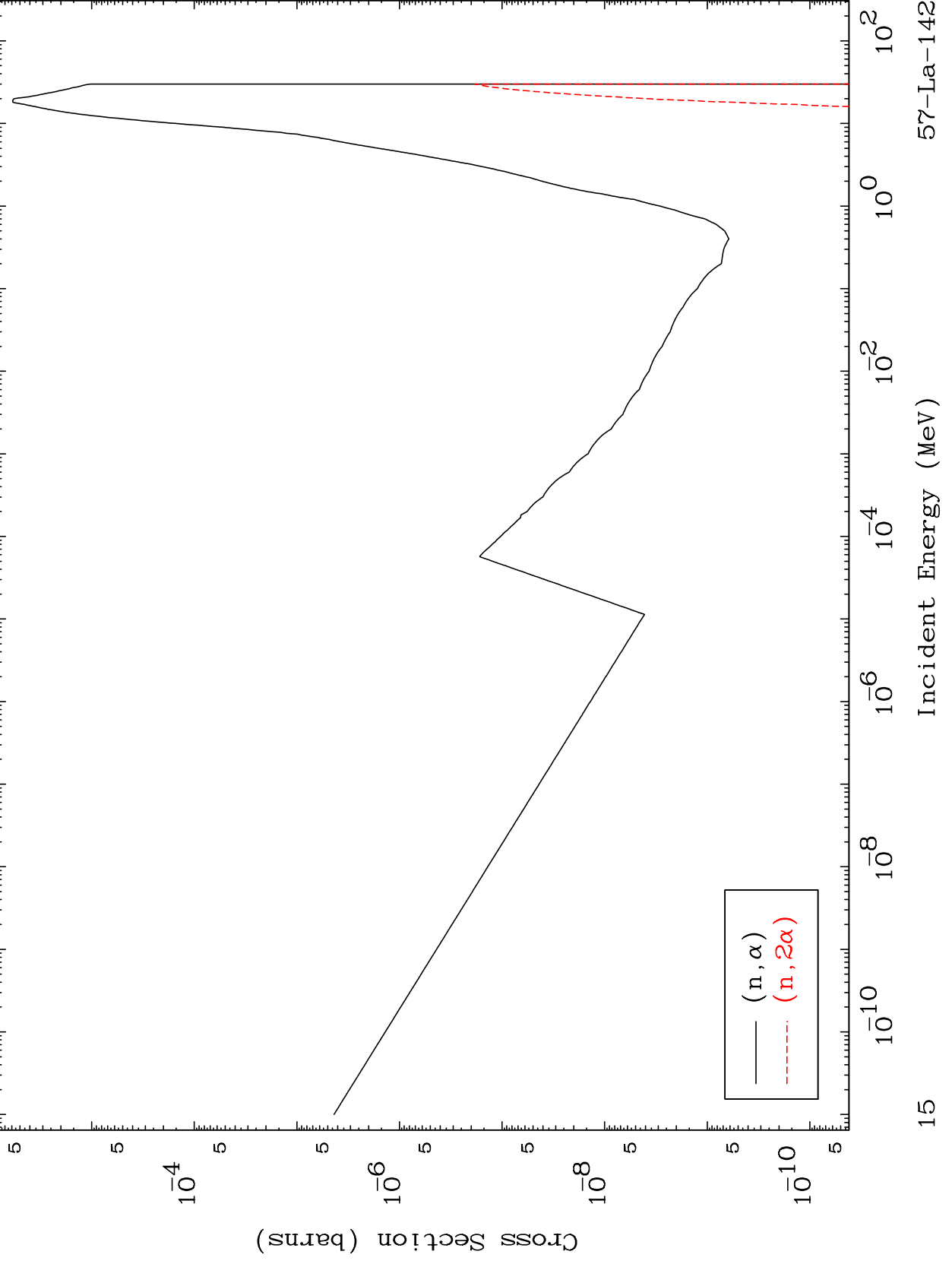
Incident Energy (MeV)

14

MAT 5737

(n, α) Levels
293 Kelvin Cross Sections

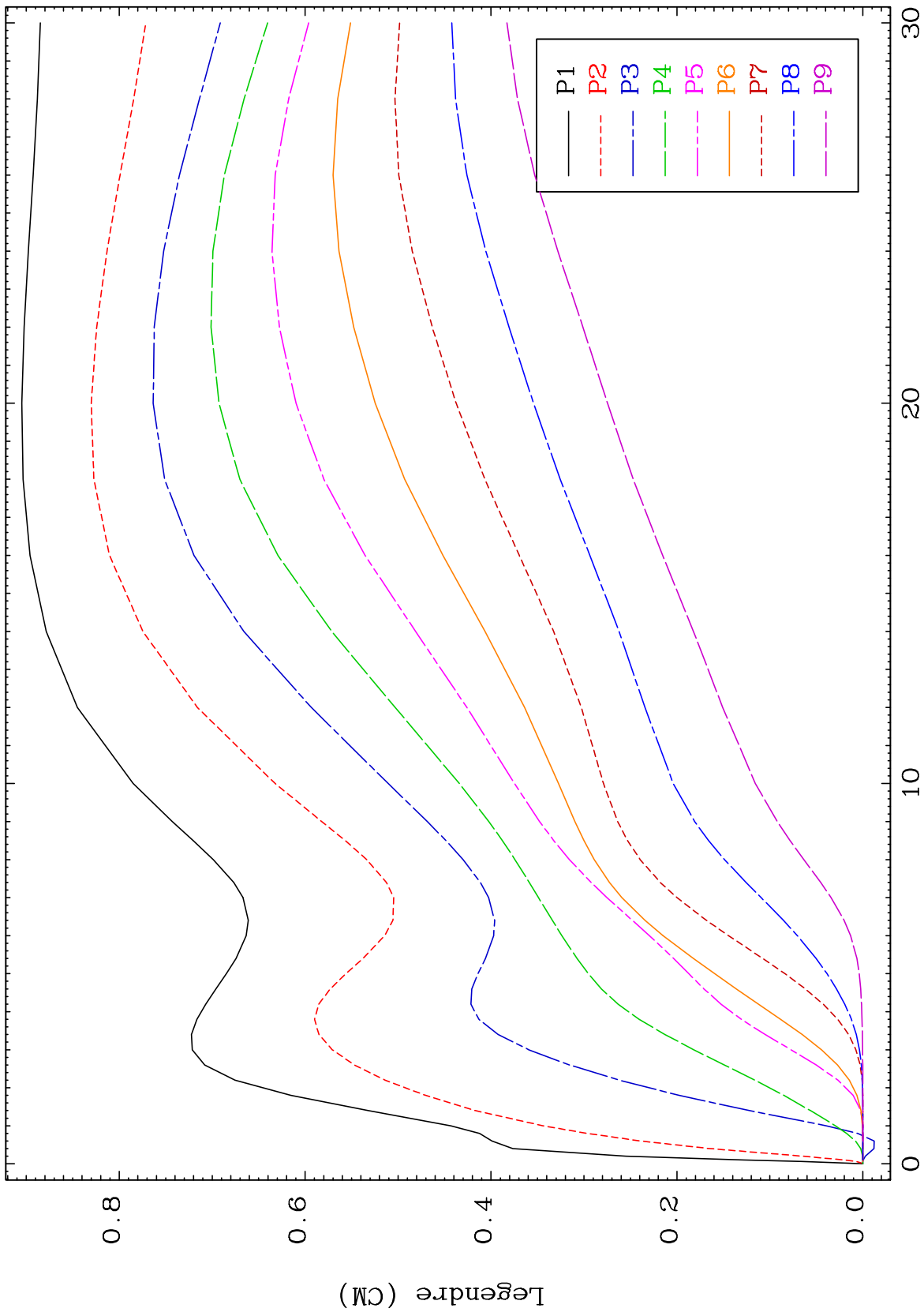
57-La-142



MAT 5737

Elastic Legendre Coefficients

57-La-142



16

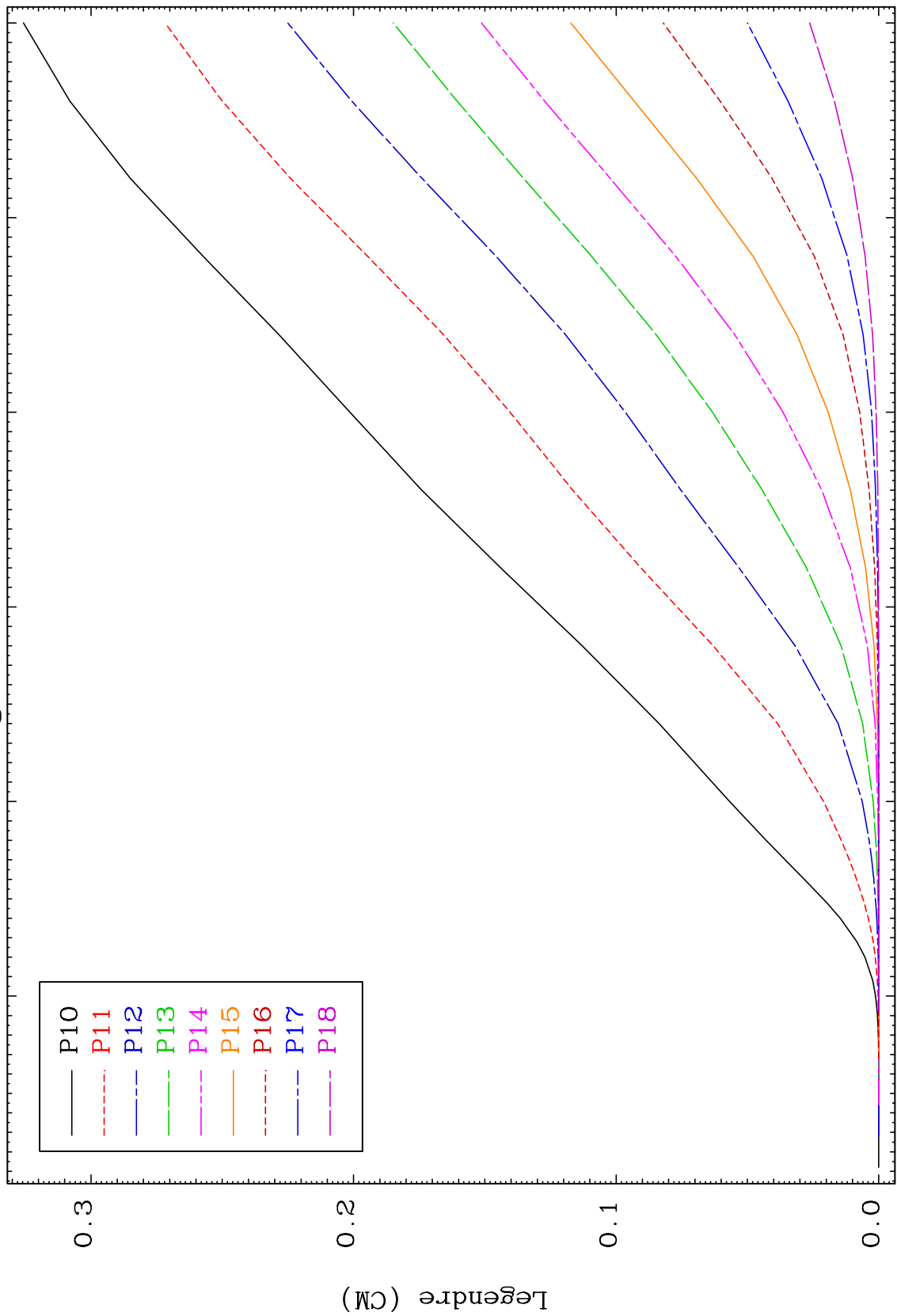
Incident Energy (MeV)

57-La-142

MAT 5737

Elastic Legendre Coefficients

57-La-142



17

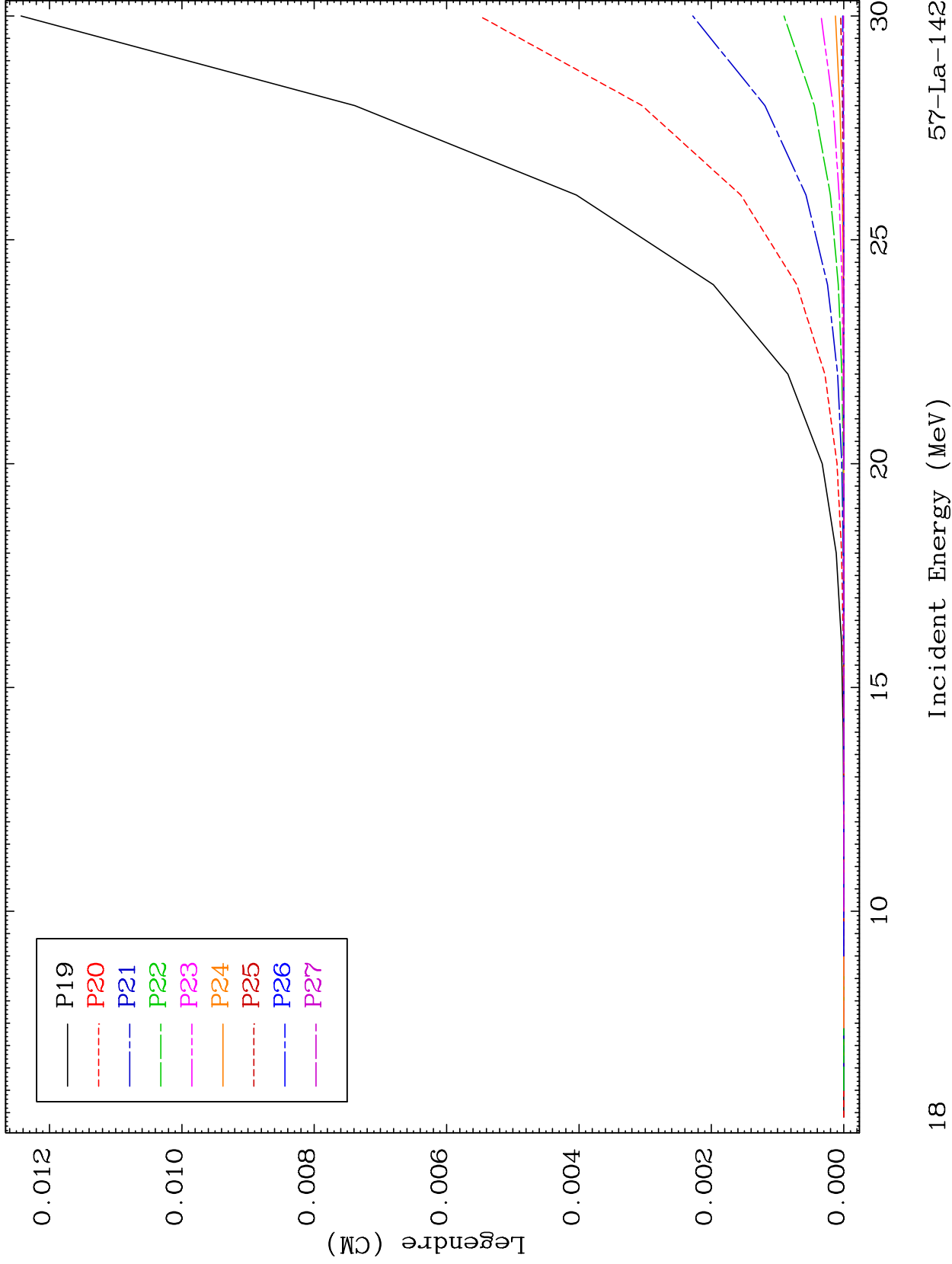
Incident Energy (MeV)

57-La-142

MAT 5737

Elastic Legendre Coefficients

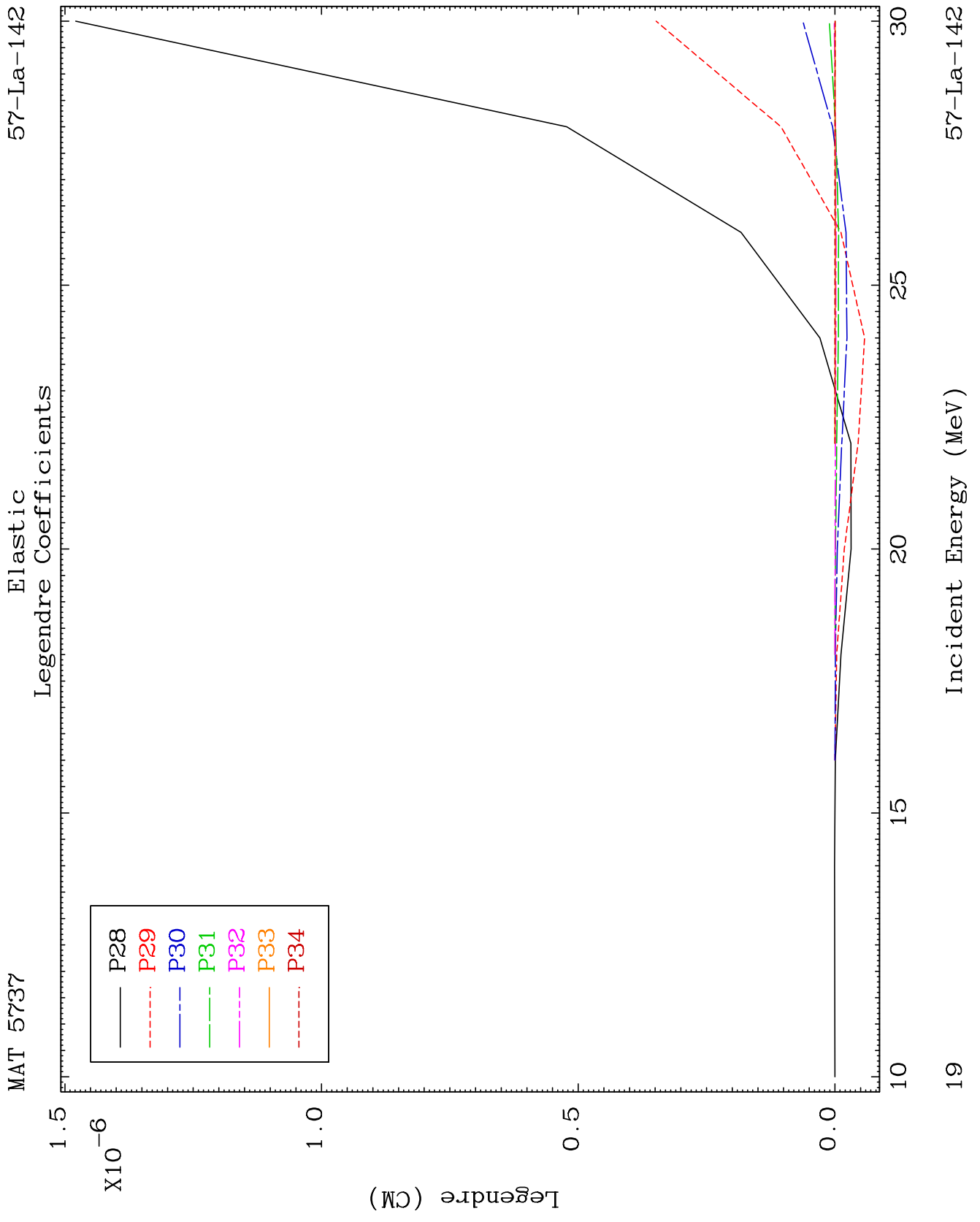
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Incident Energy (MeV)

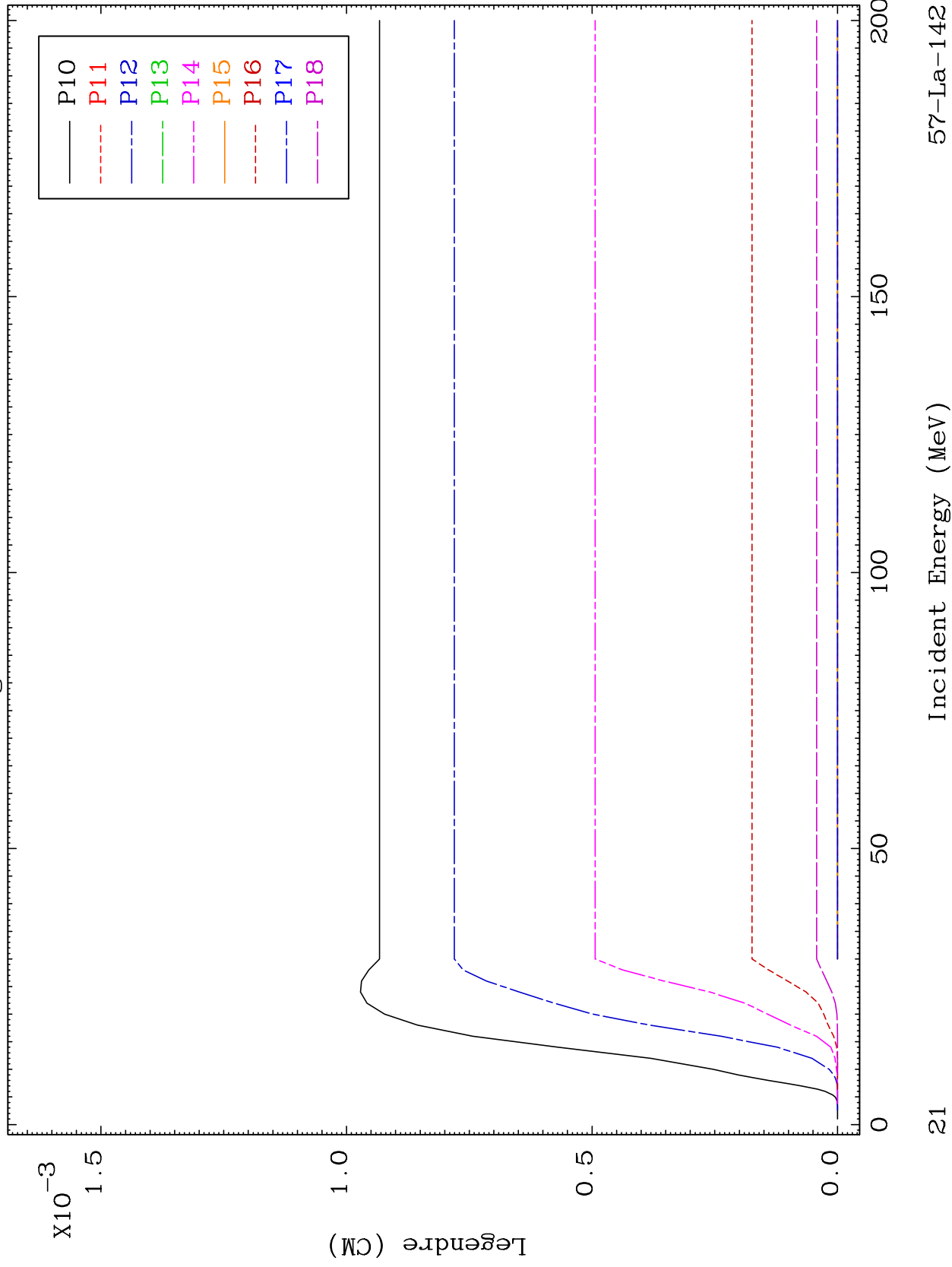
57-La-142

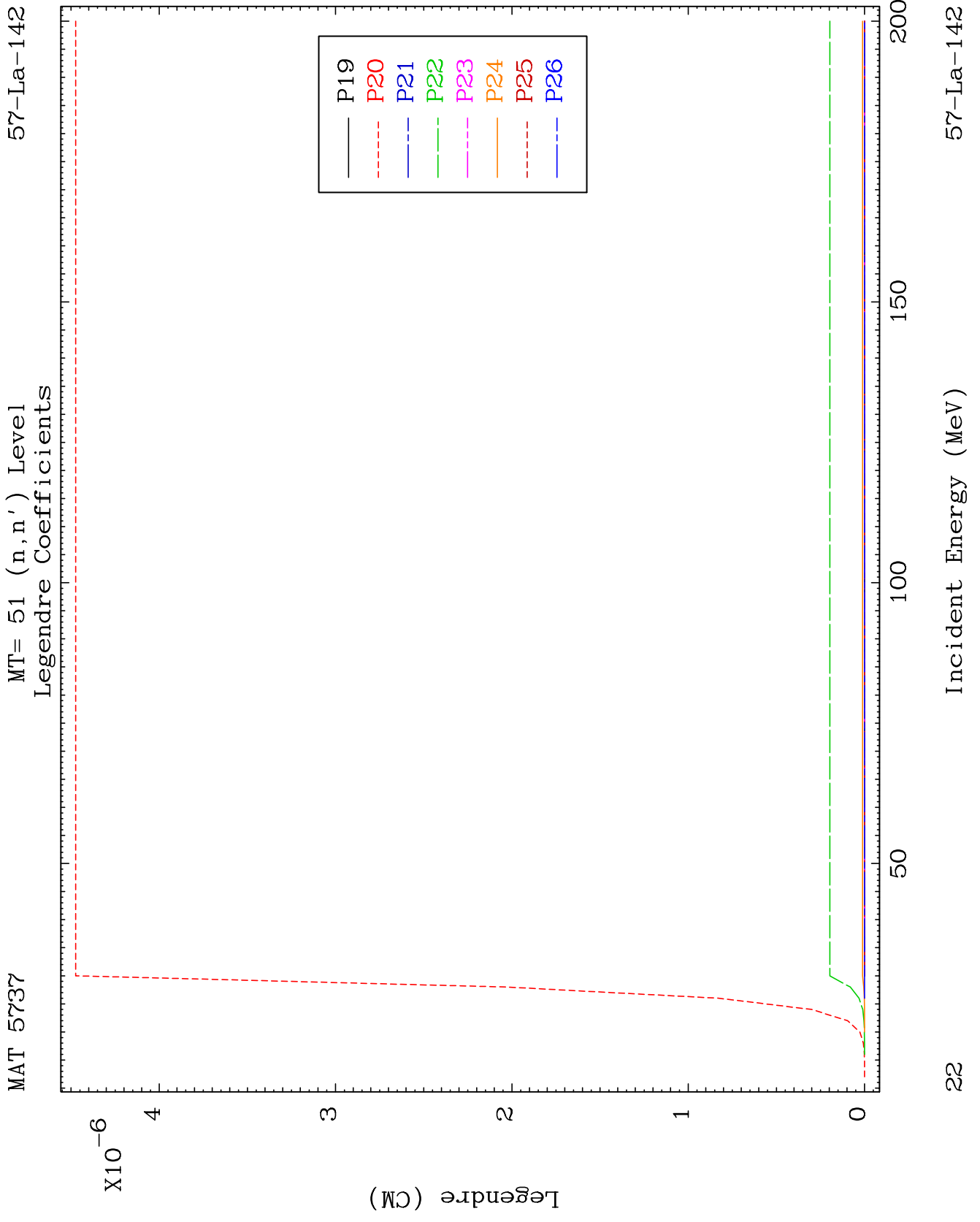


MAT 5737

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

57-La-142

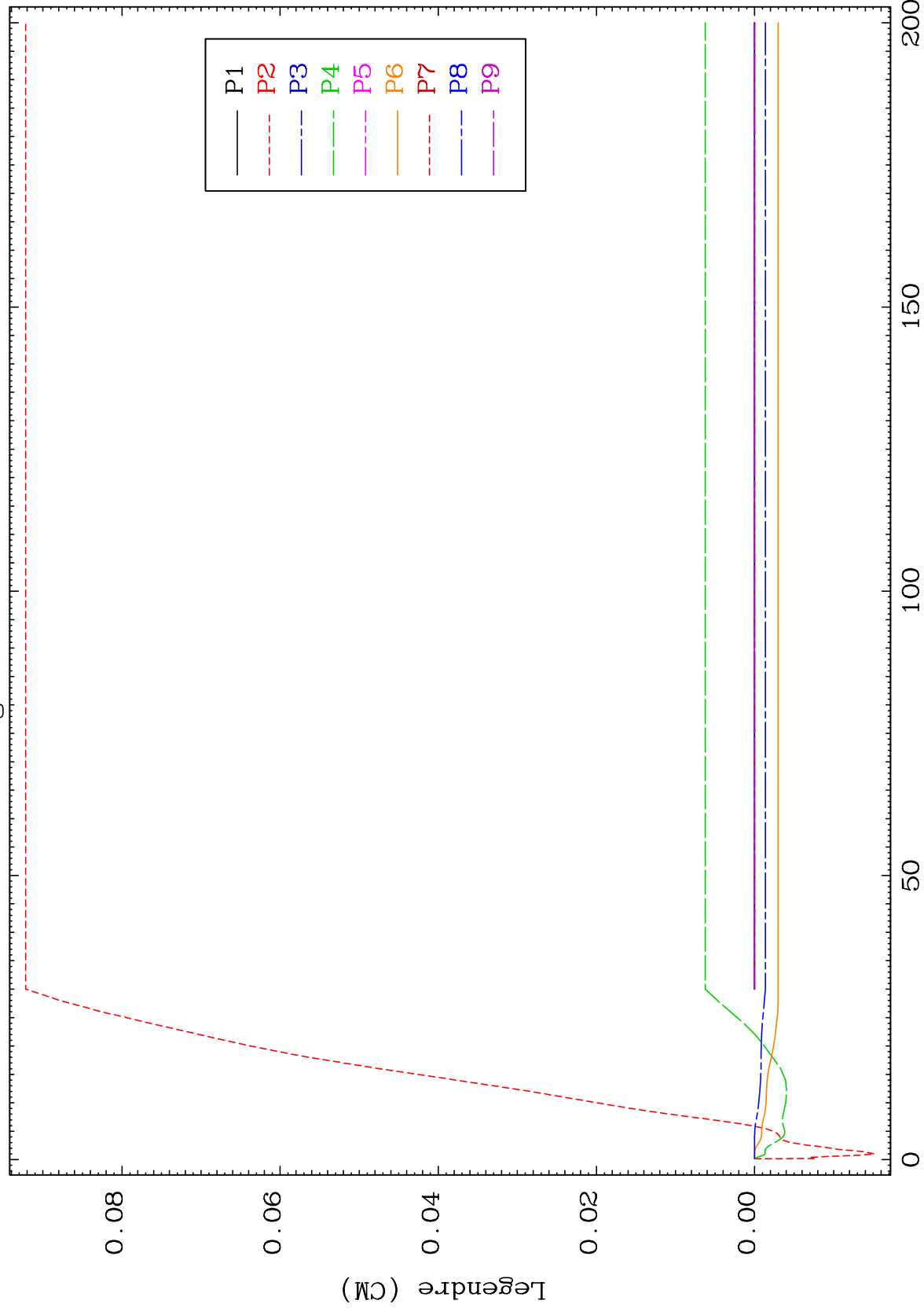




MAT 5737

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

57-La-142



23

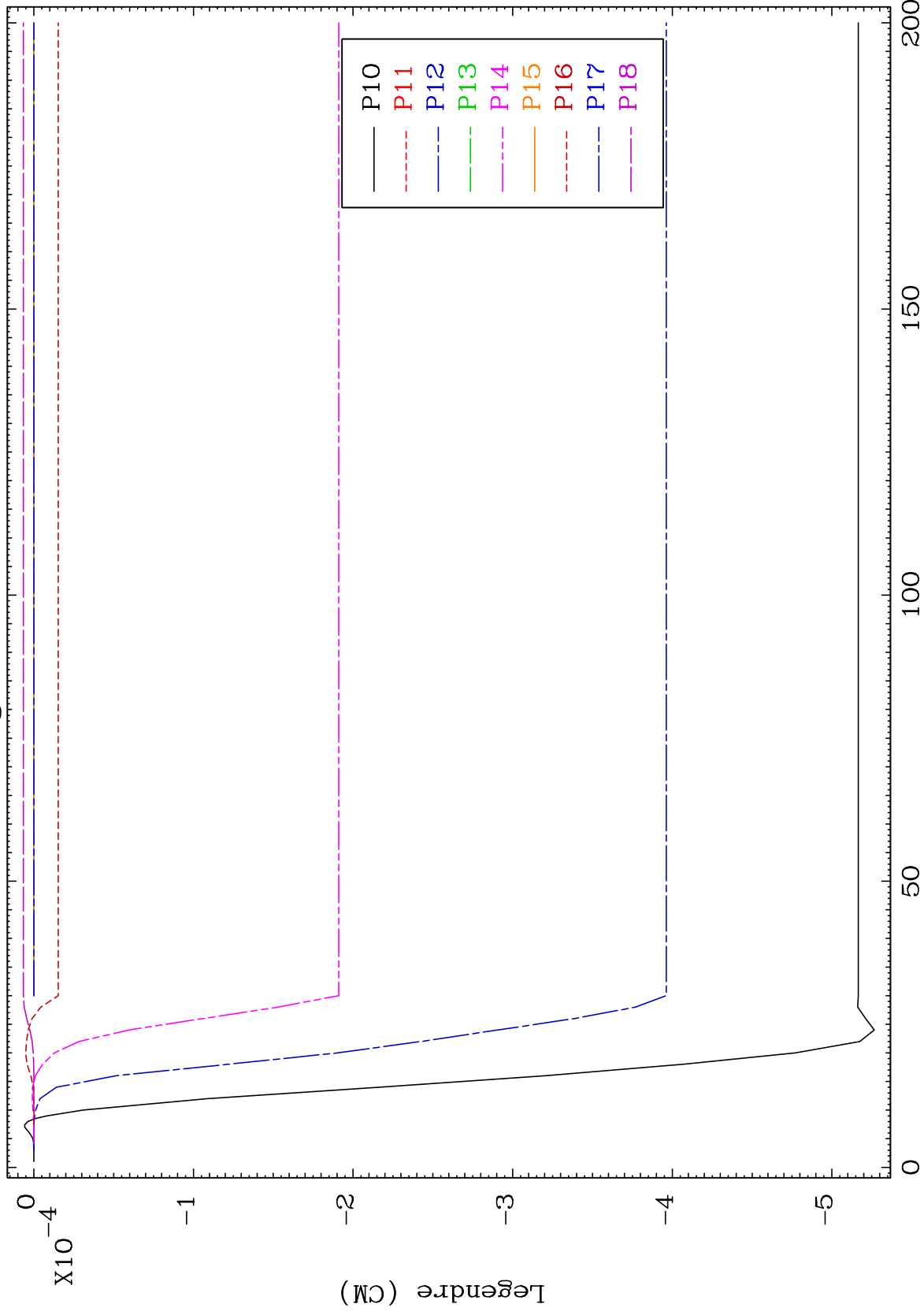
Incident Energy (MeV)

57-La-142

MAT 5737

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

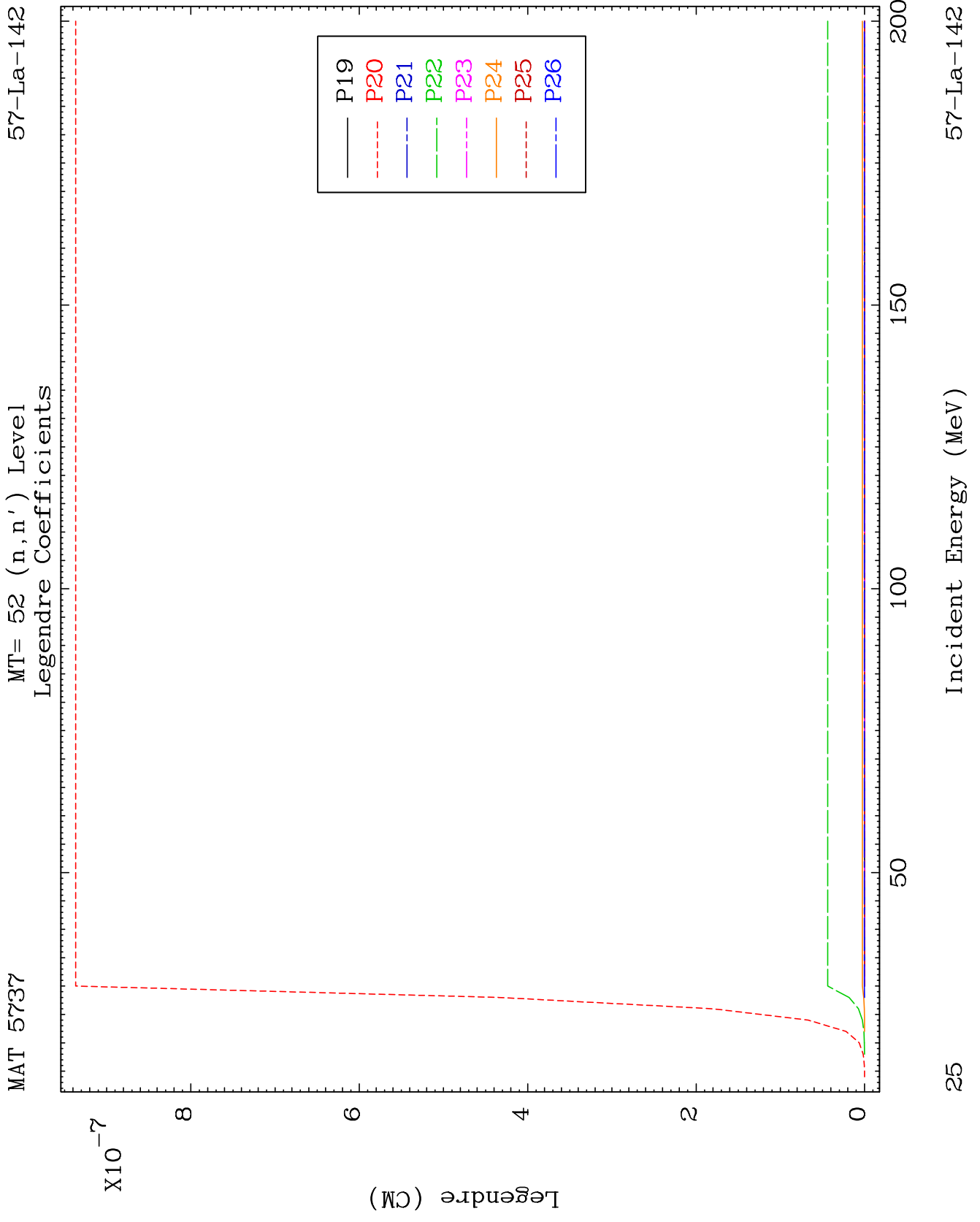
57-La-142



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Incident Energy (MeV)

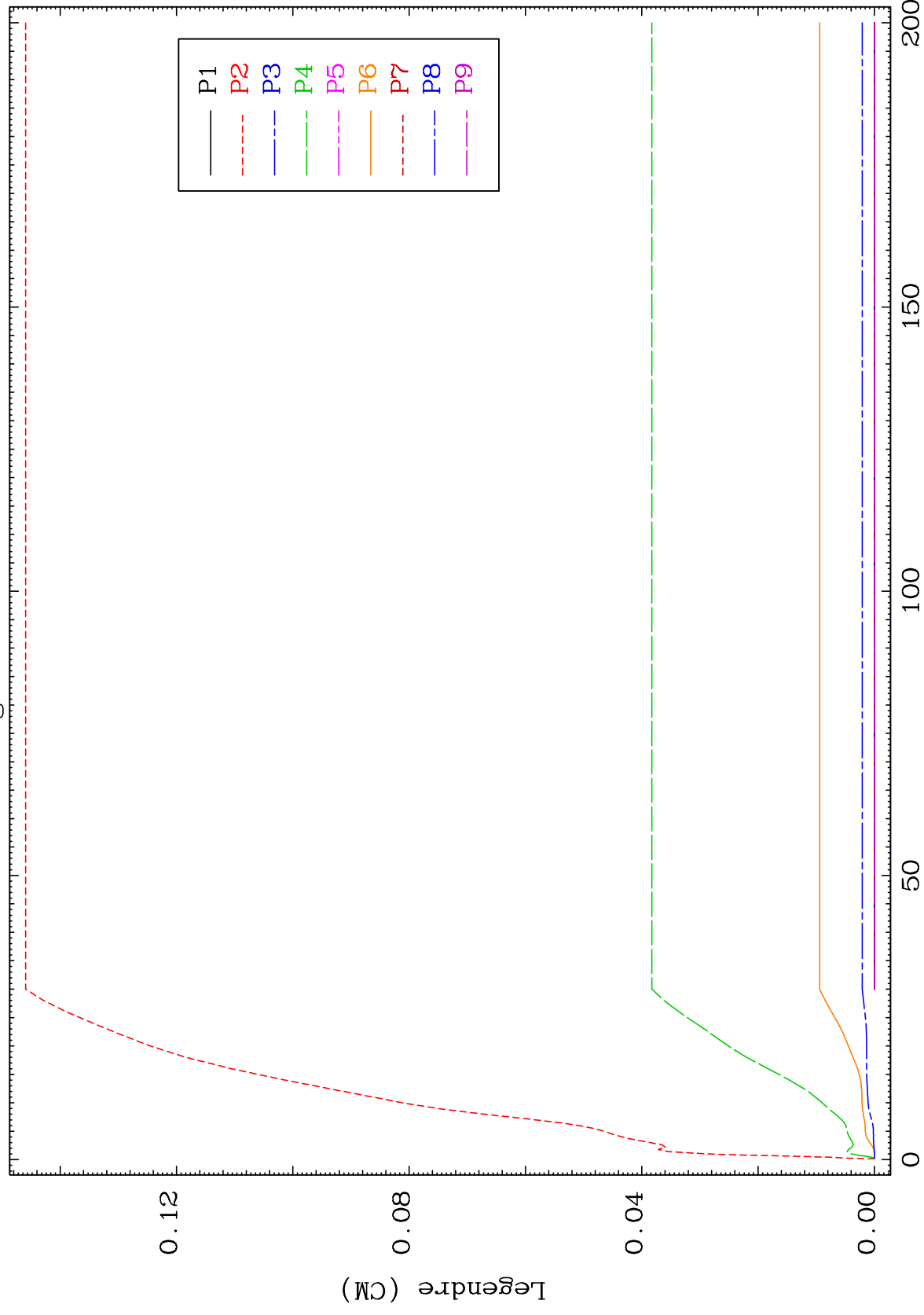
57-La-142



MAT 5737

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

57-La-142



26

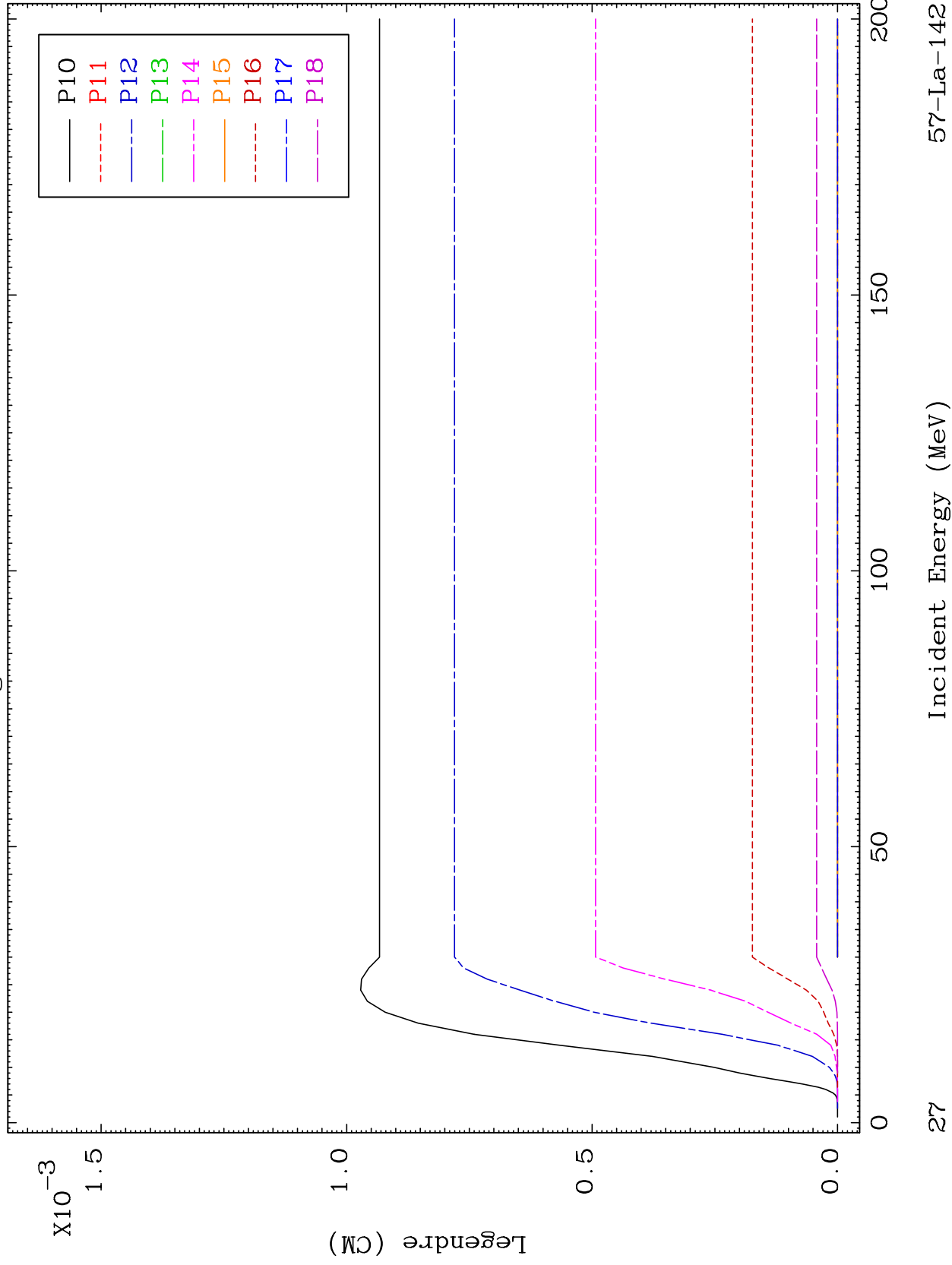
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

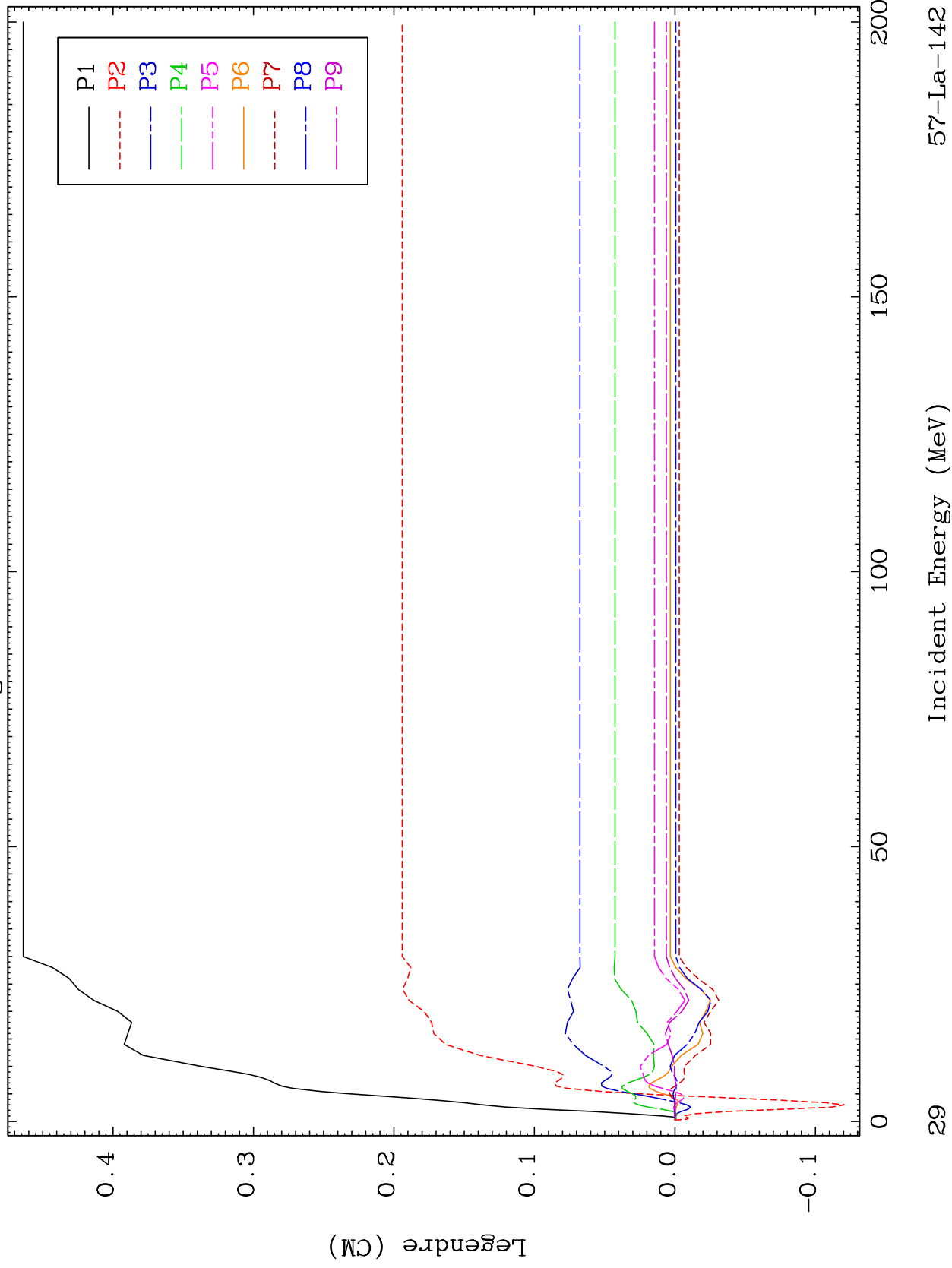
Incident Energy (MeV)

27

MAT 5737

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

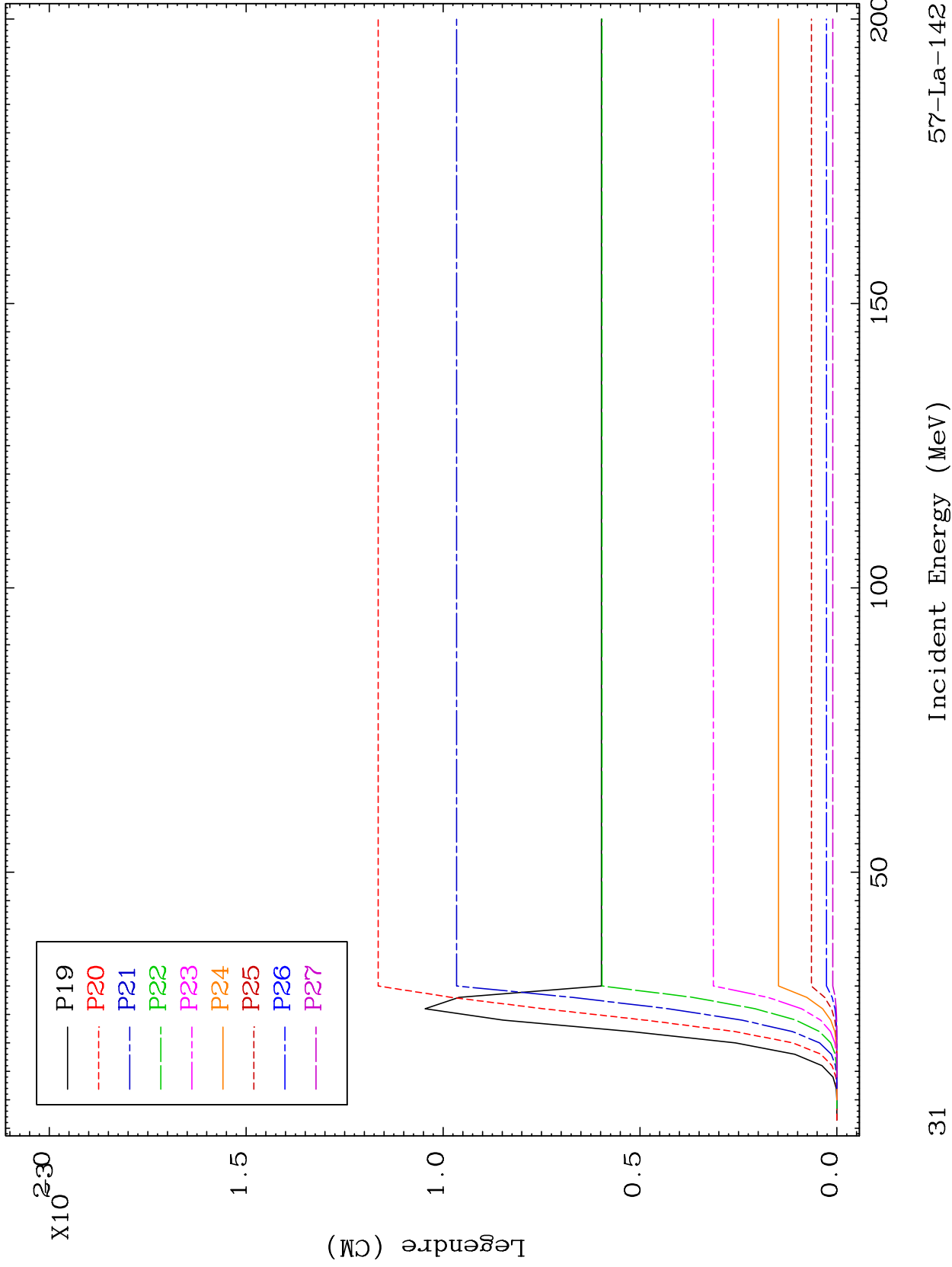
57-La-142



57-La-142

Incident Energy (MeV)

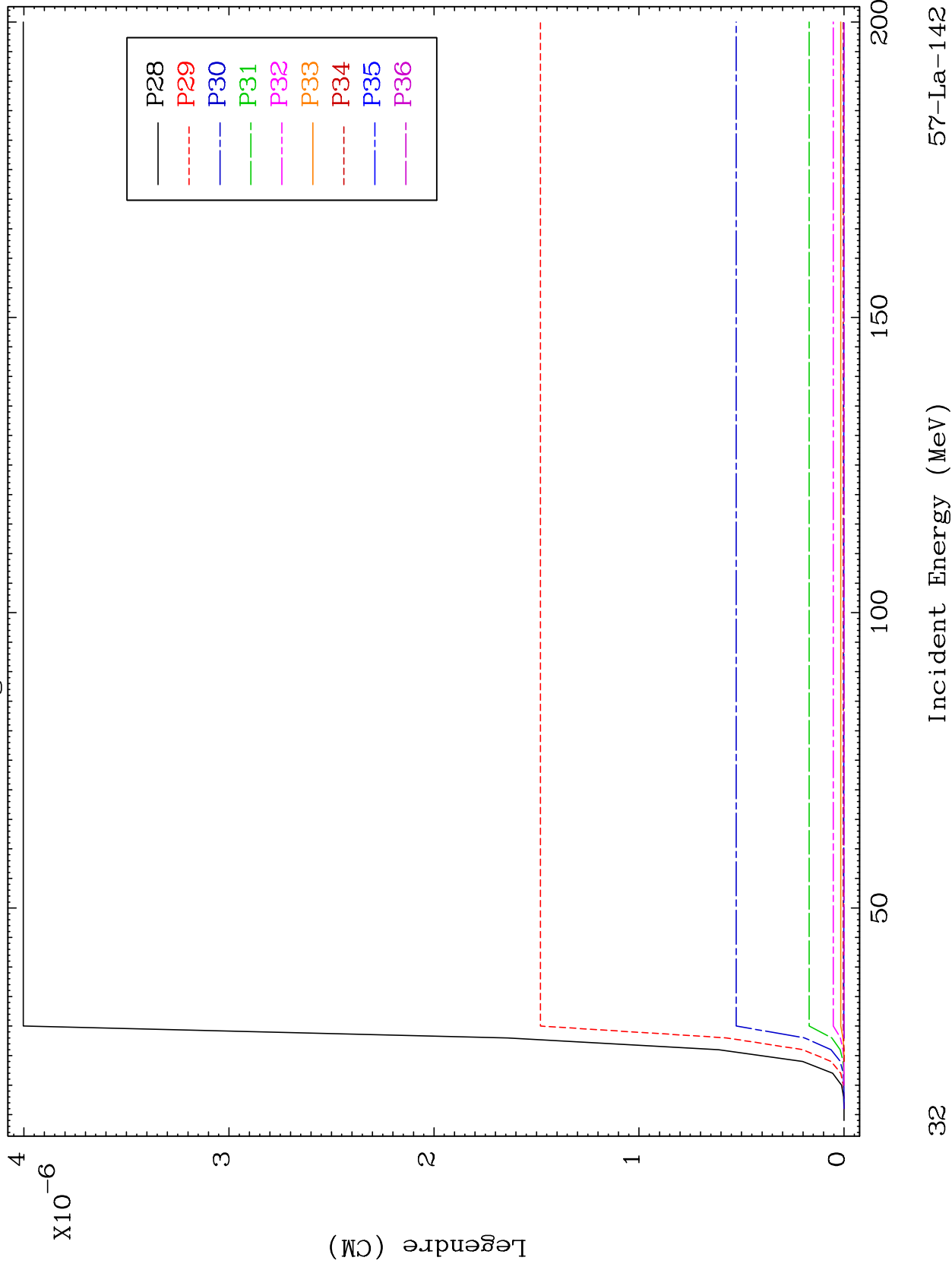
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MAT 5737

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

57-La-142



32

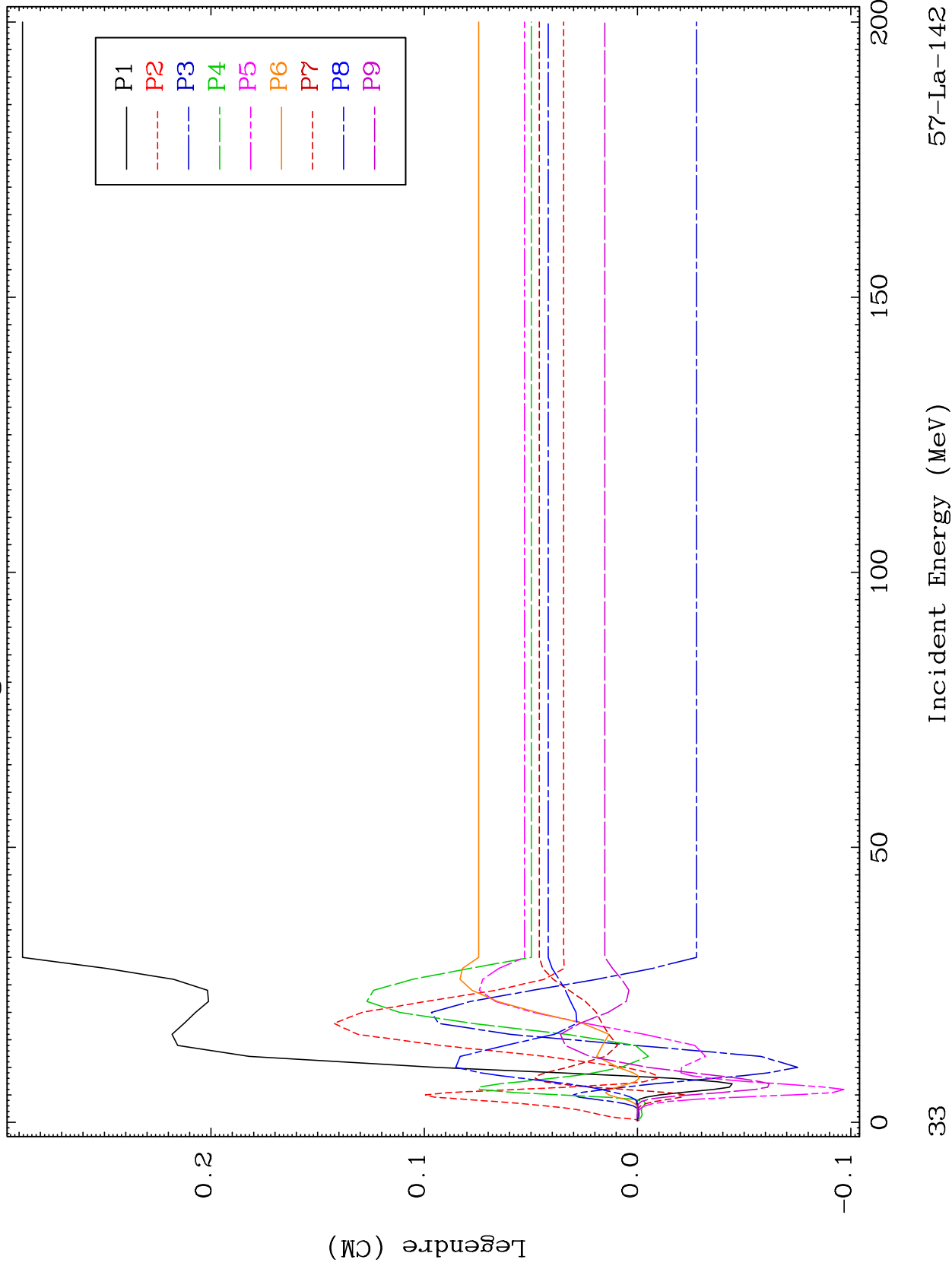
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

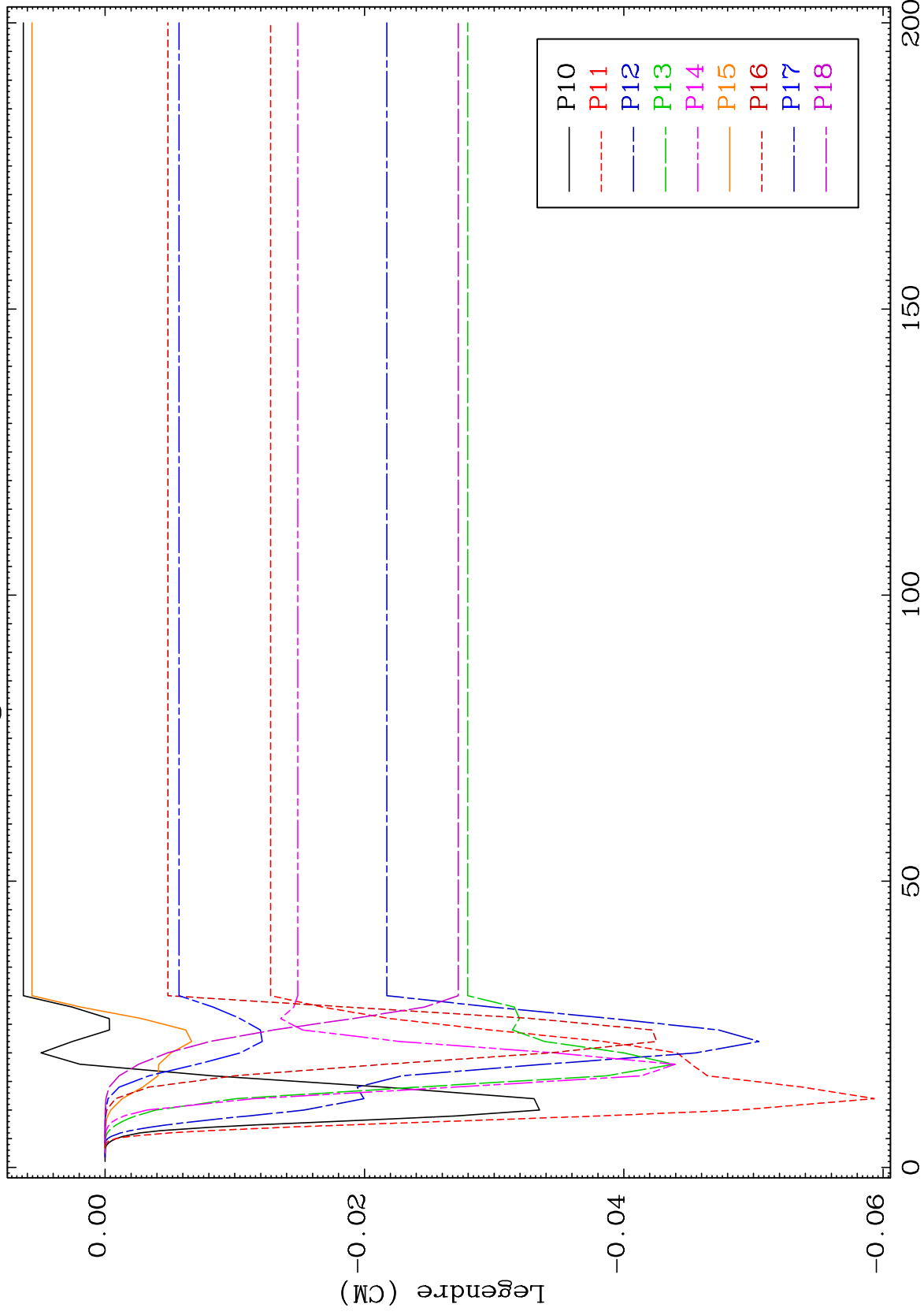
Incident Energy (MeV)

33

MAT 5737

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

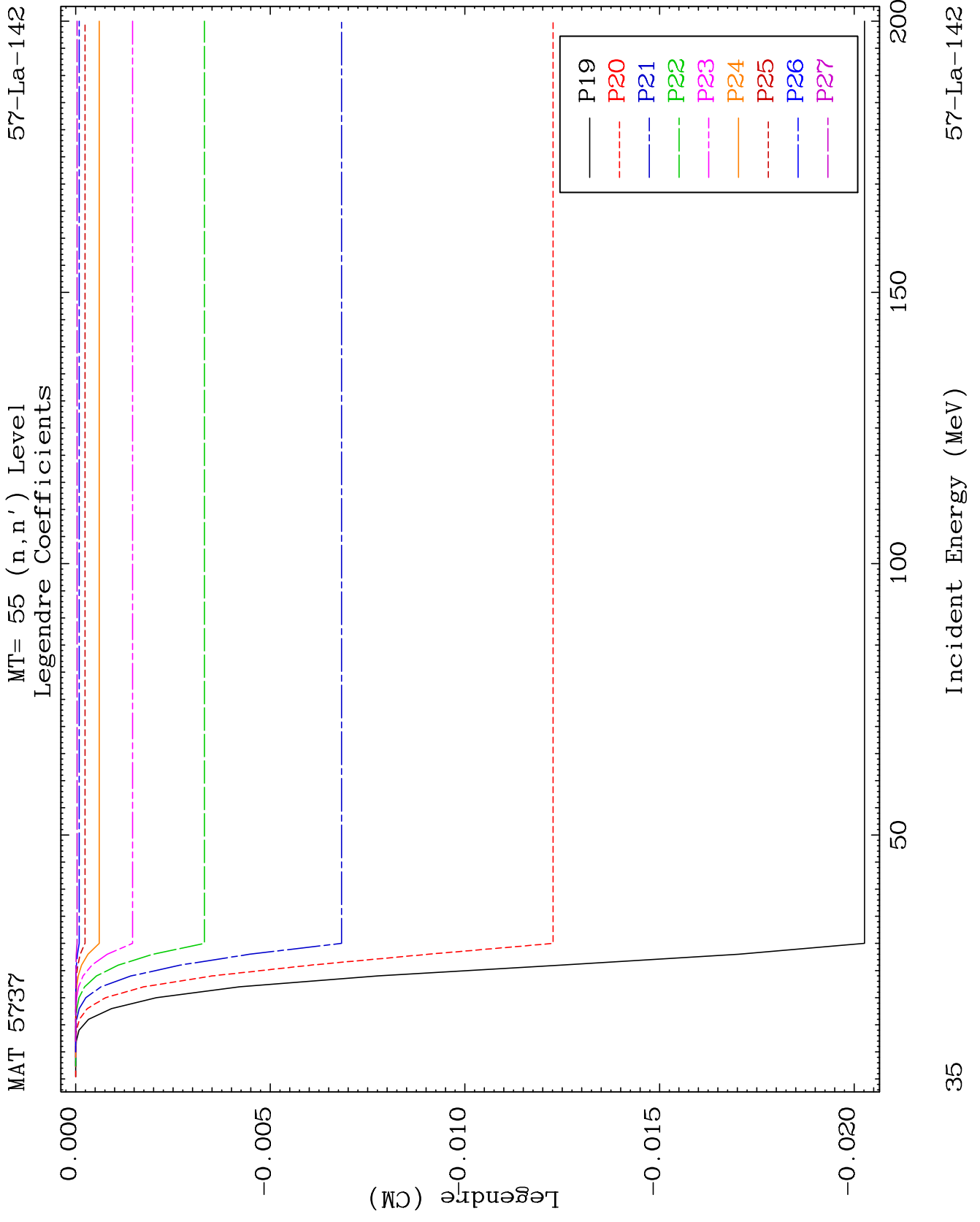
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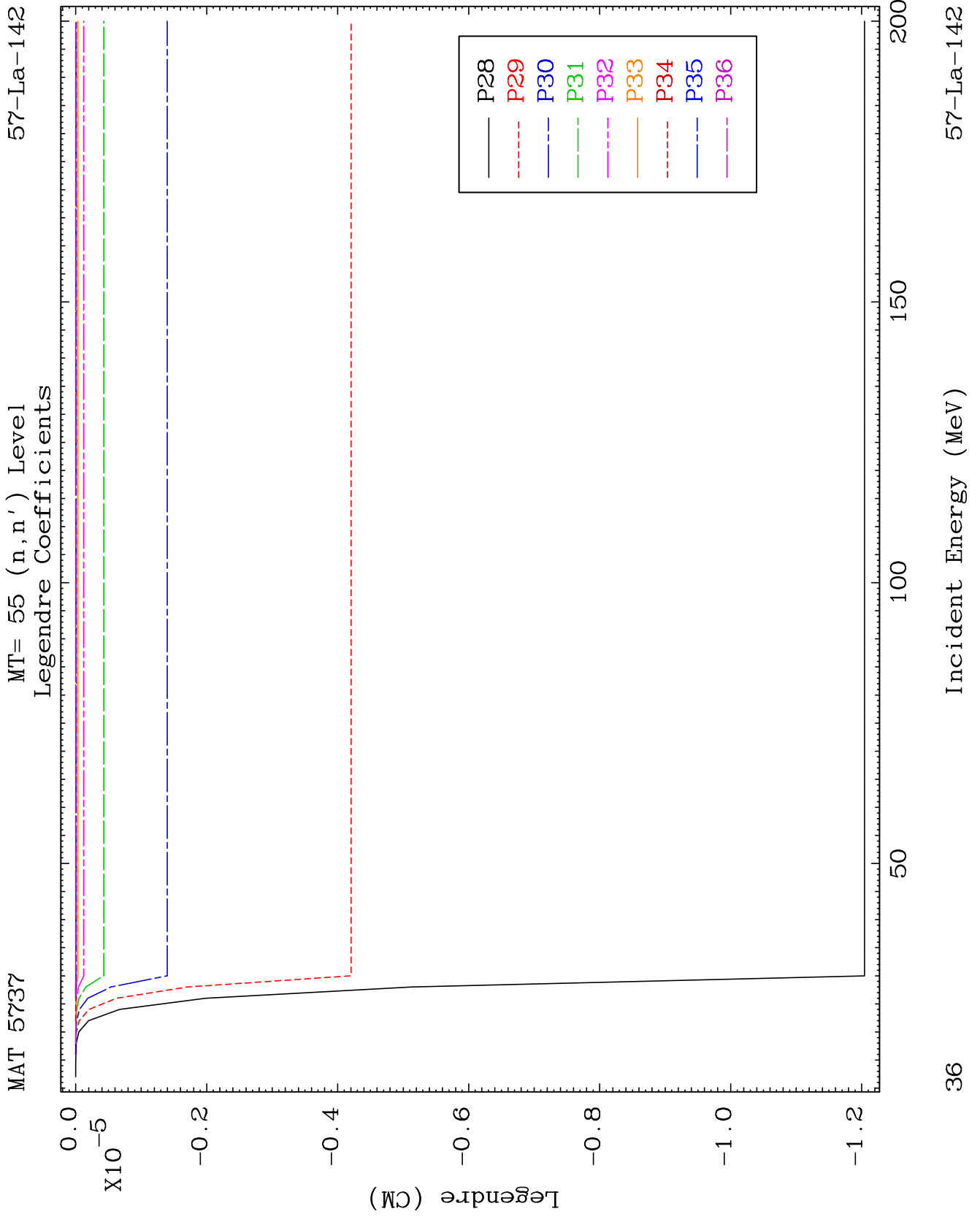


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Incident Energy (MeV)

57-La-142

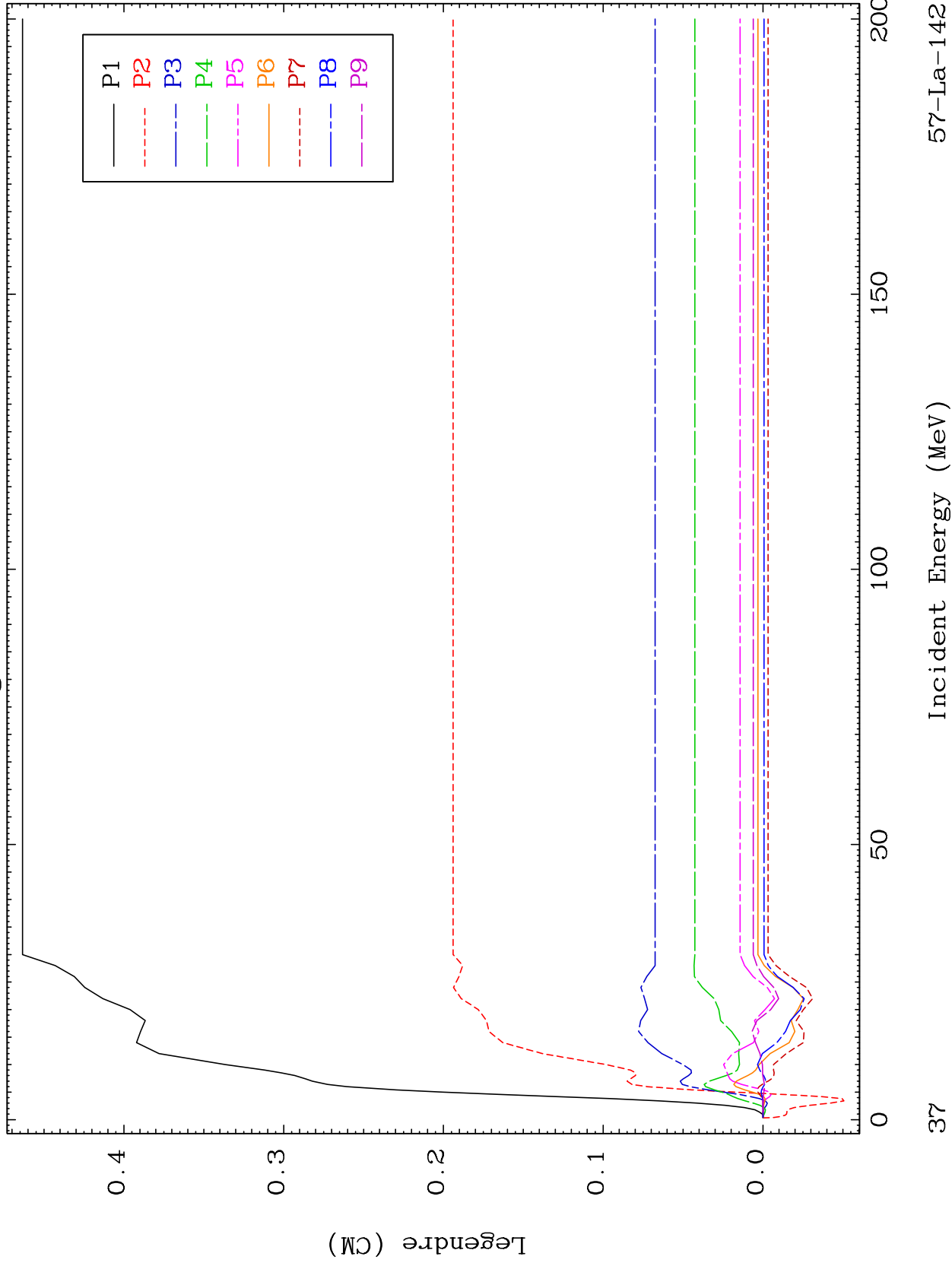




MAT 5737

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

57-La-142



57-La-142

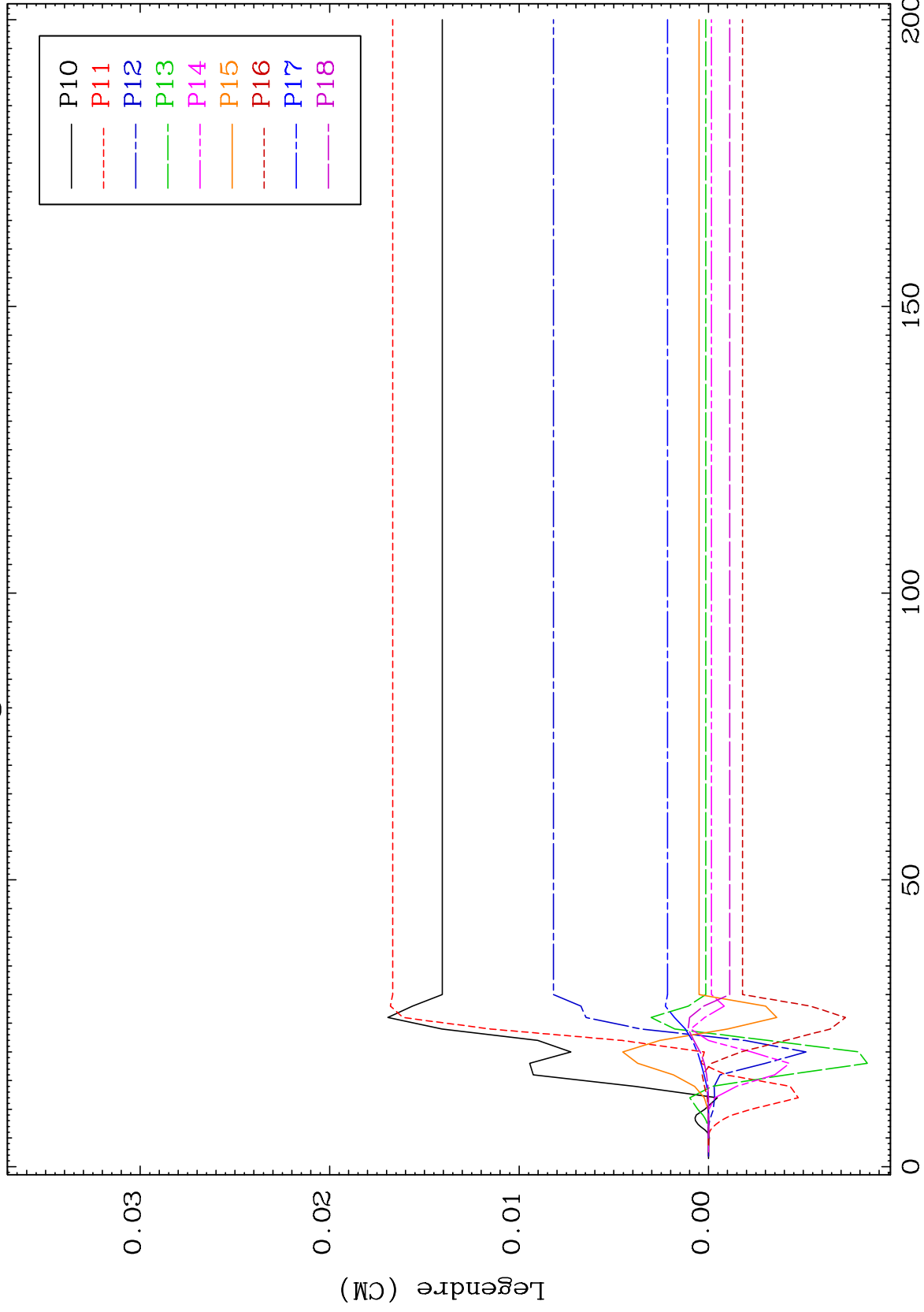
Incident Energy (MeV)

37

MAT 5737

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

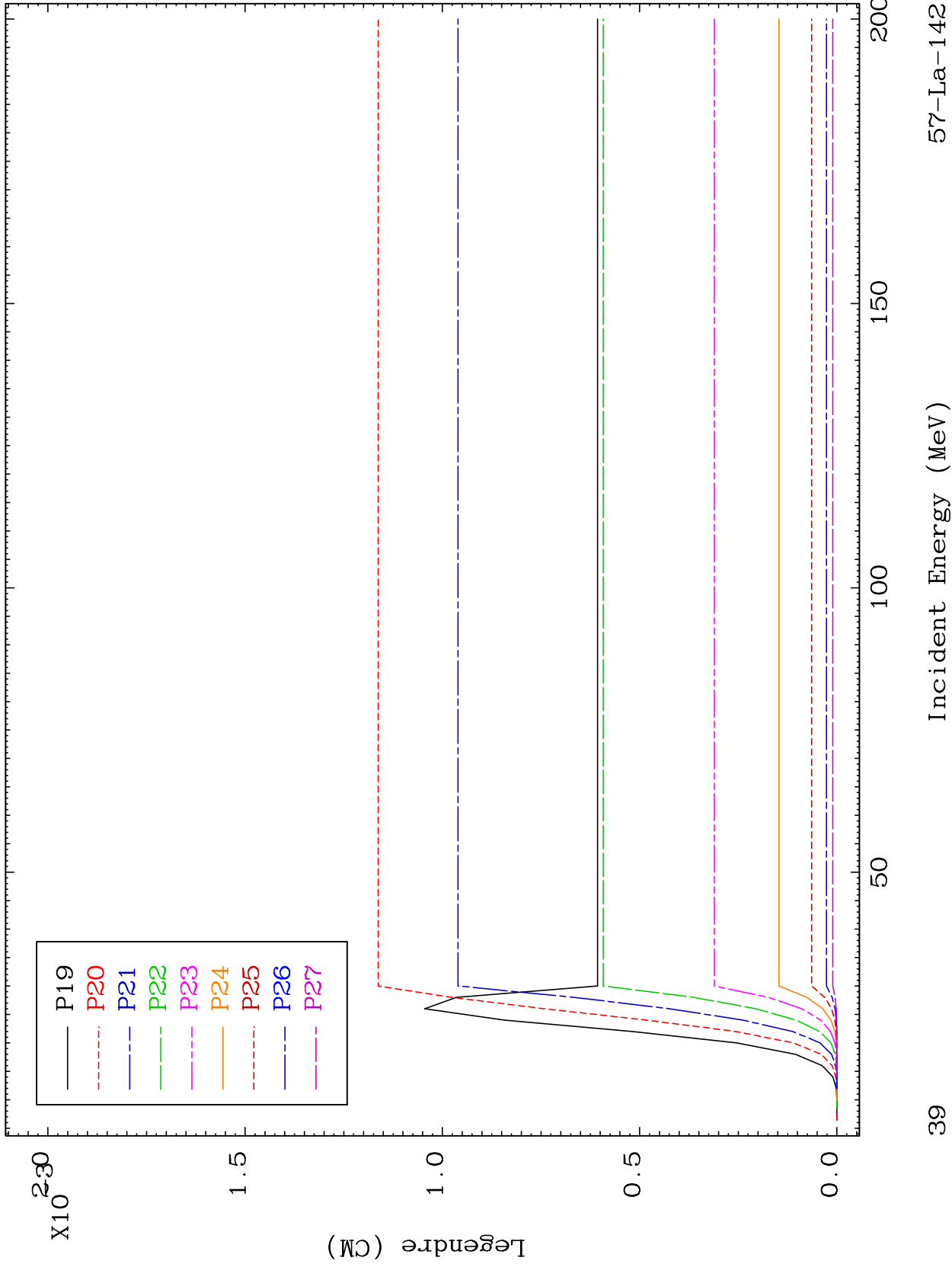
57-La-142



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Incident Energy (MeV)

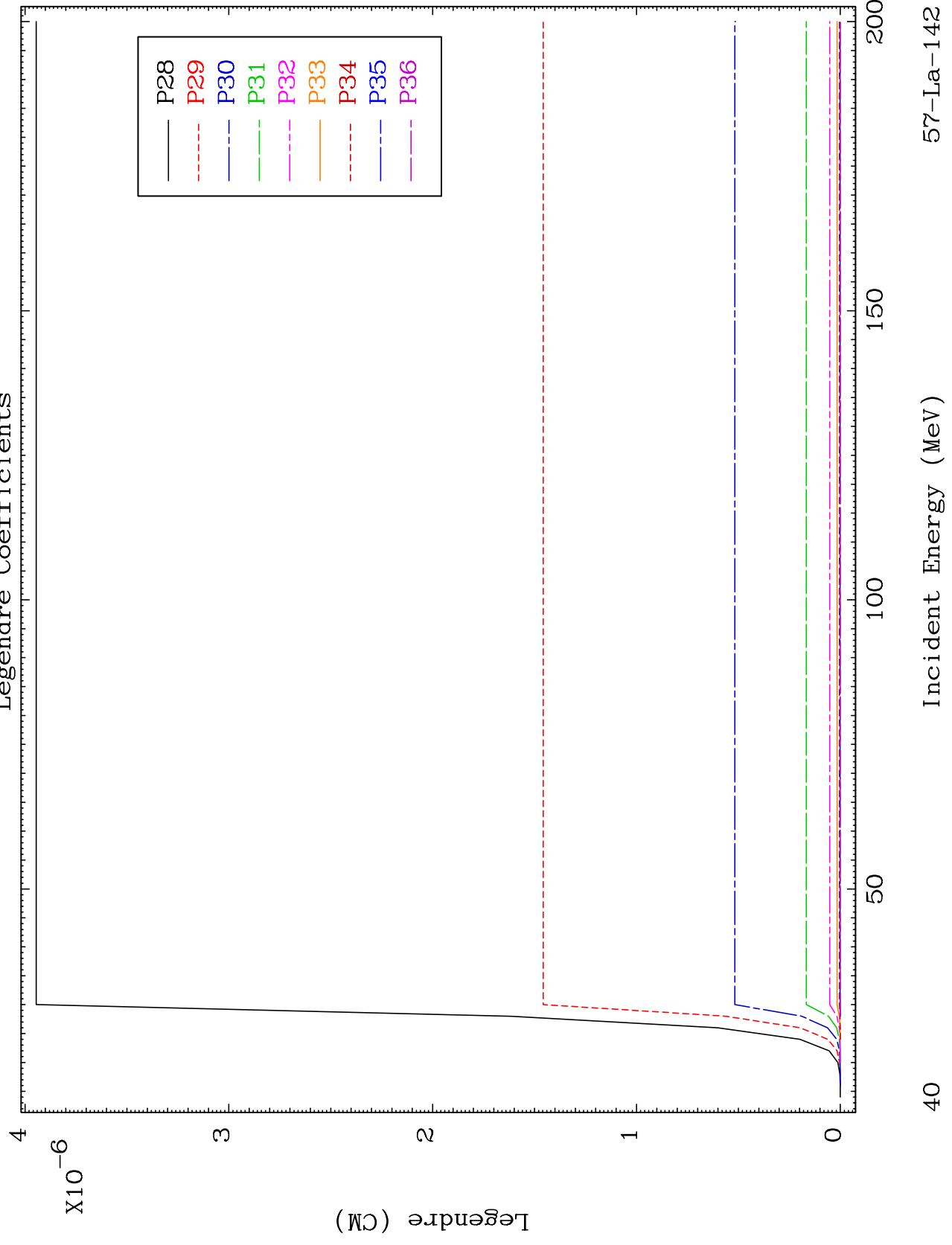
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MAT 5737

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

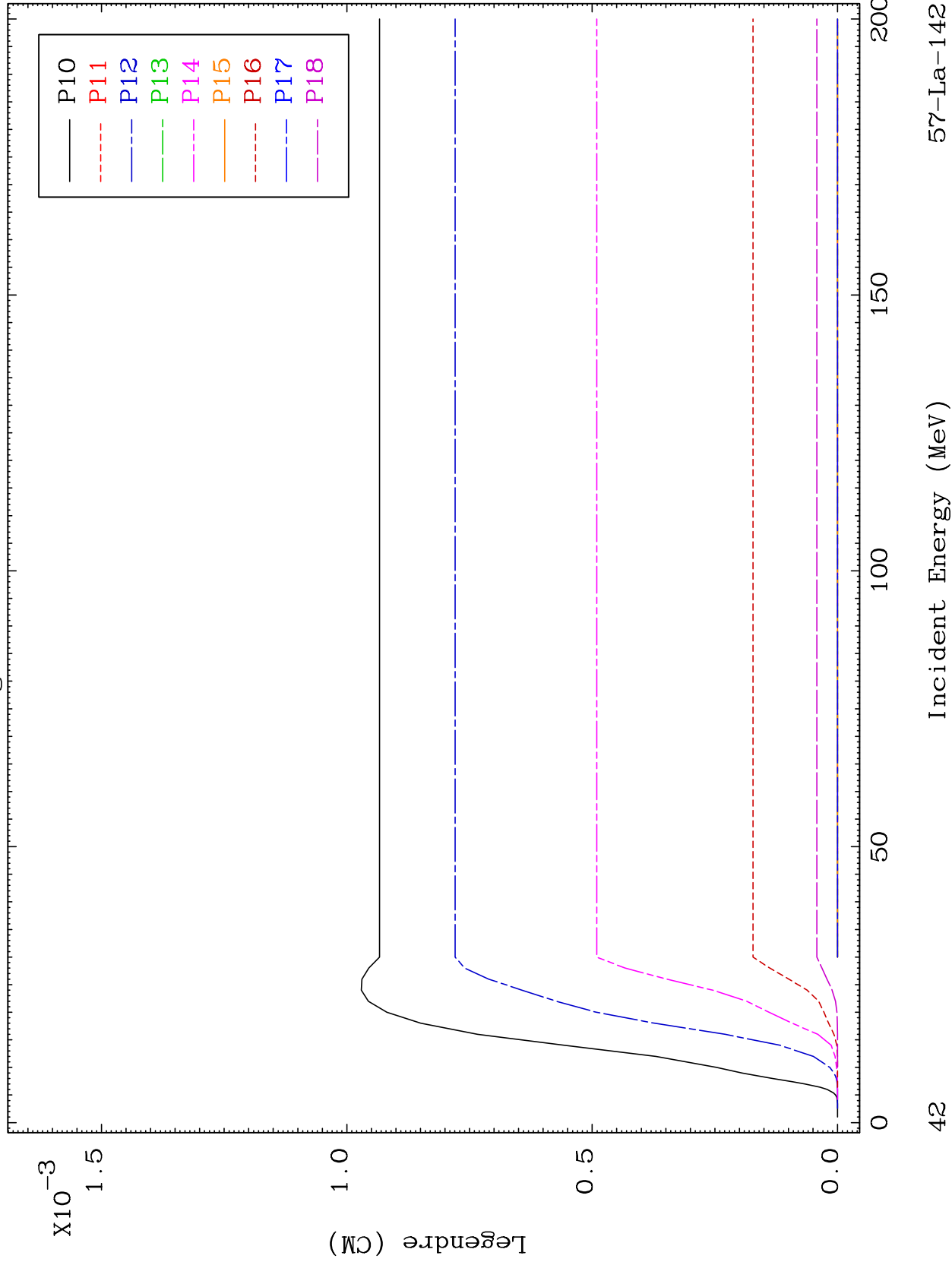
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MAT 5737

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

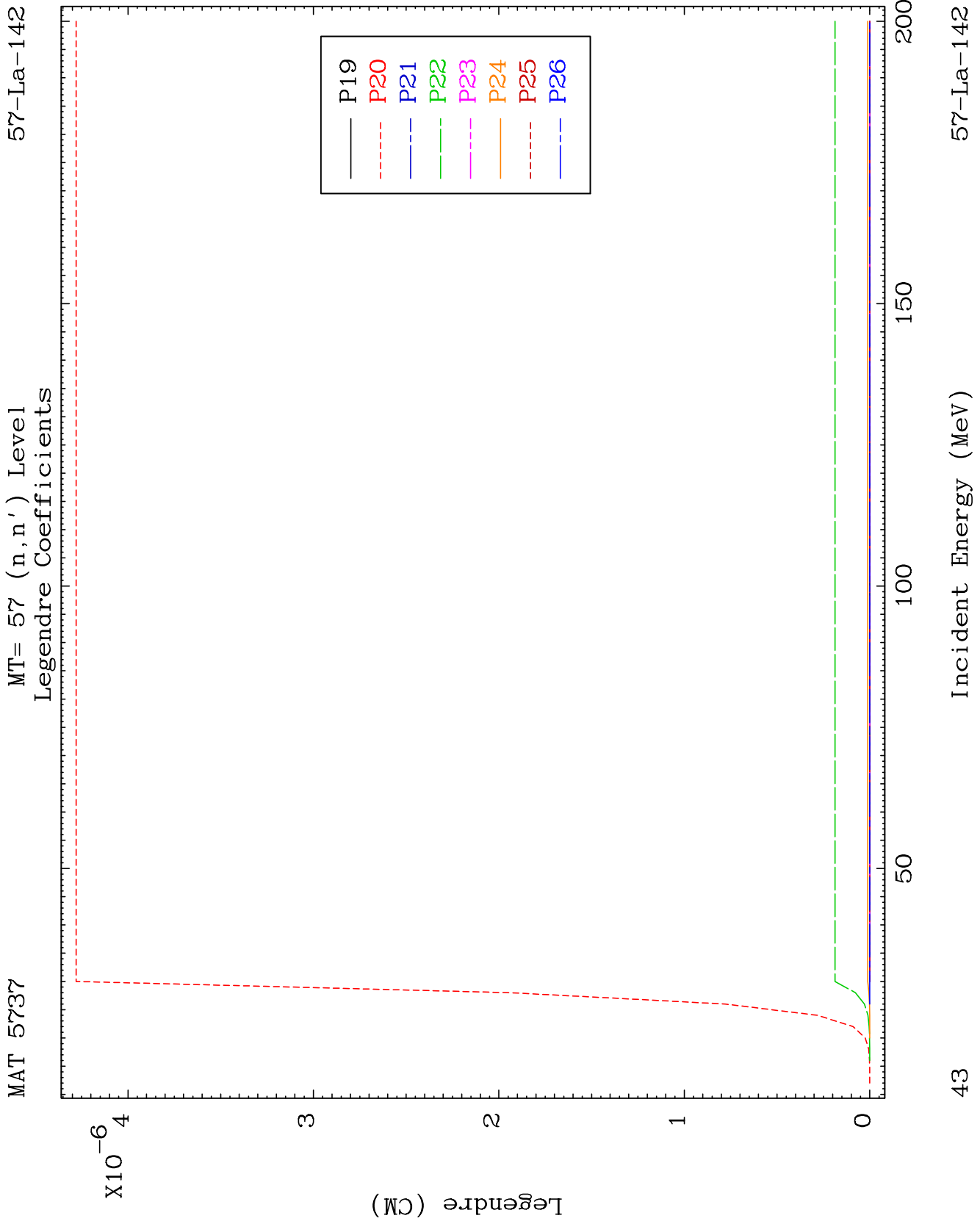
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42

Incident Energy (MeV)

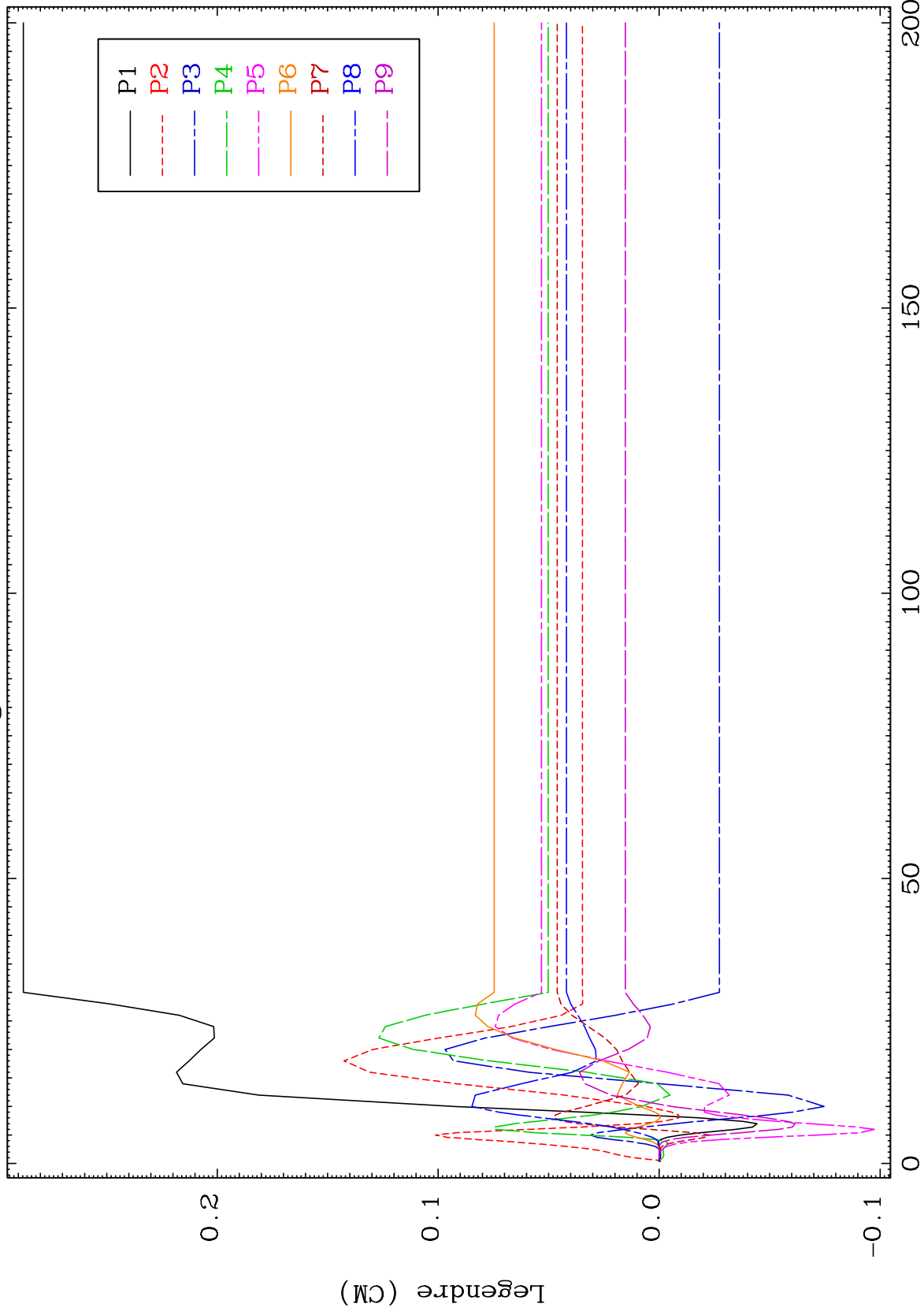
57-La-142



MAT 5737

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

57-La-142



44

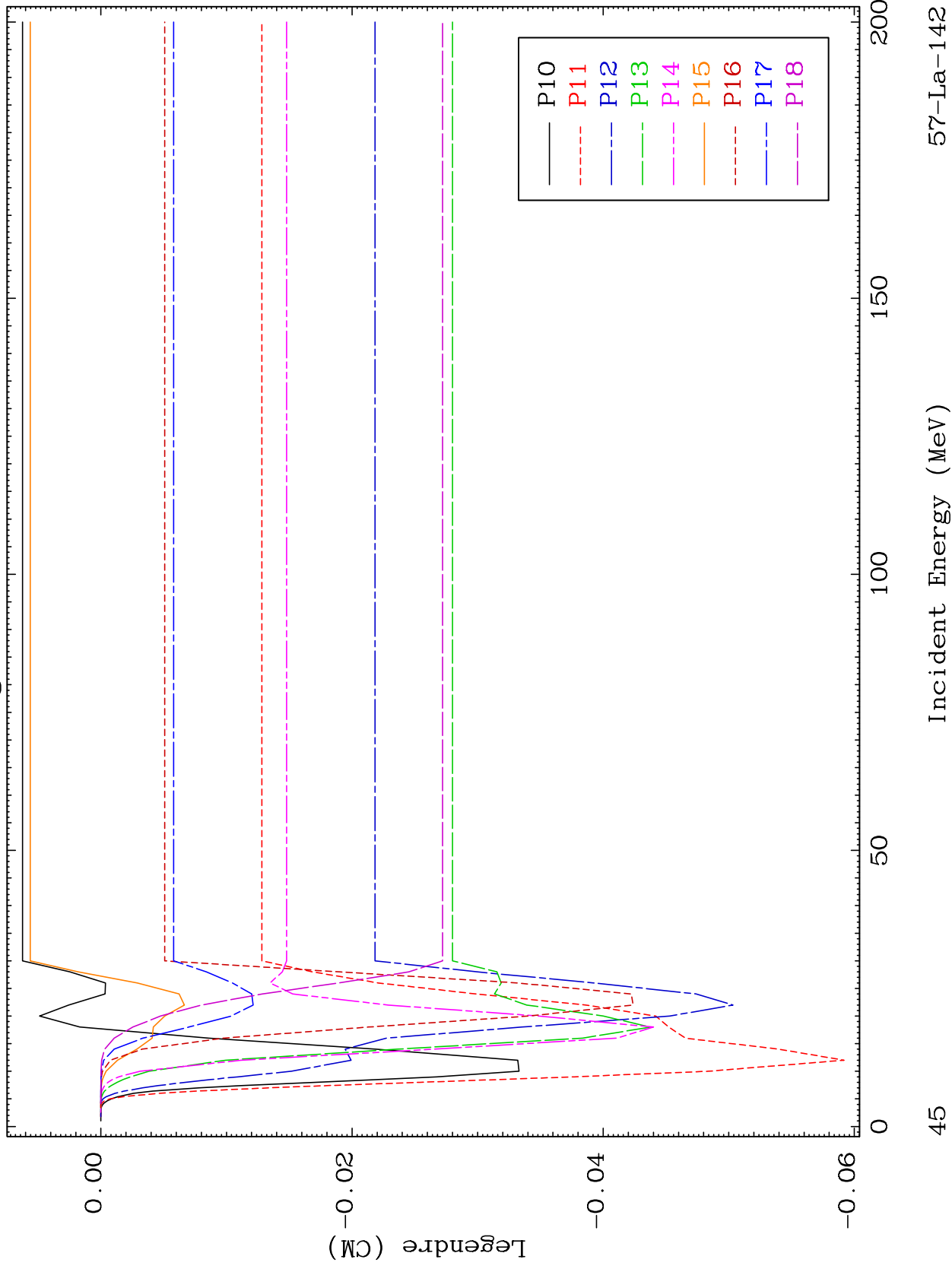
Incident Energy (MeV)

57-La-142

MAT 5737

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

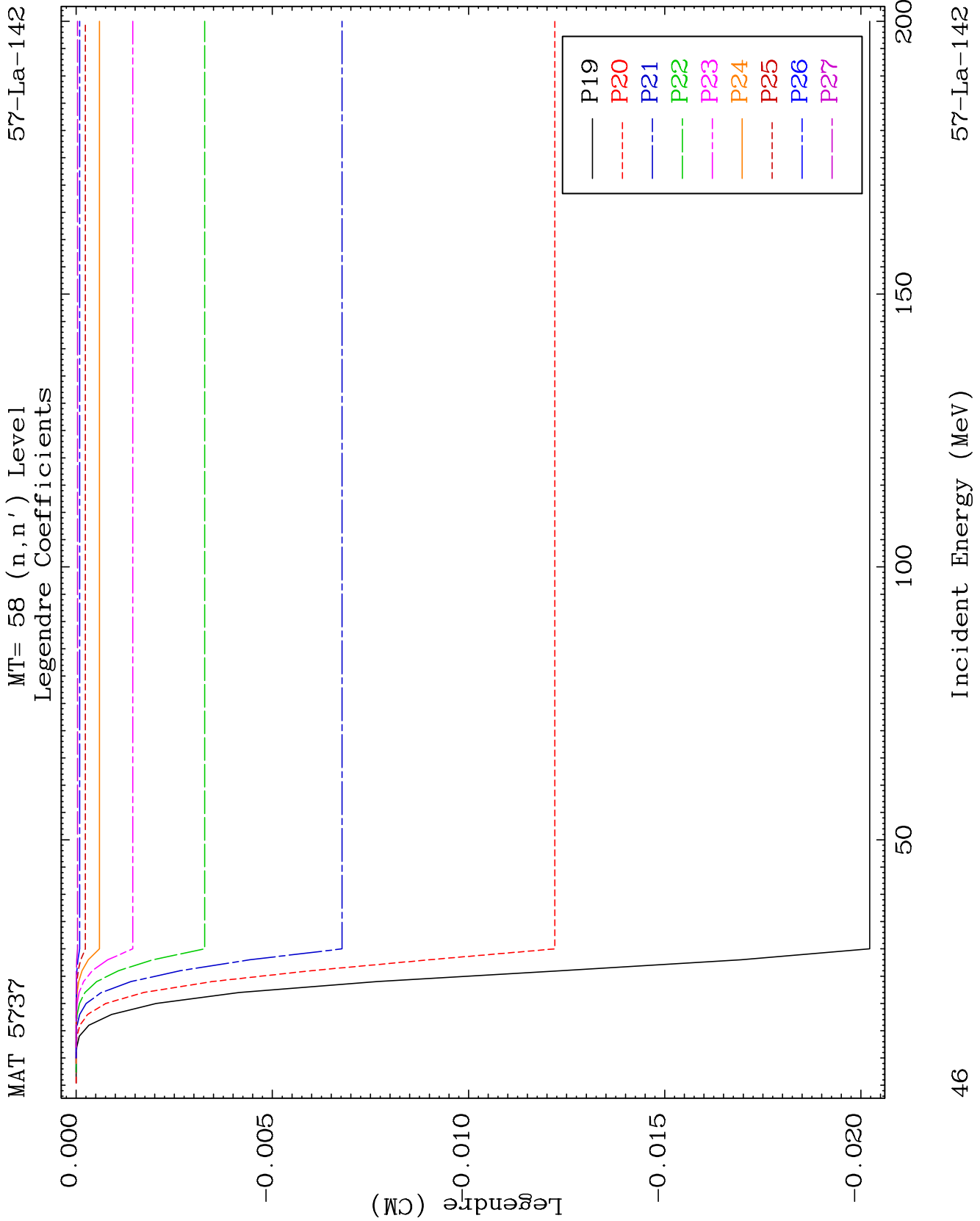
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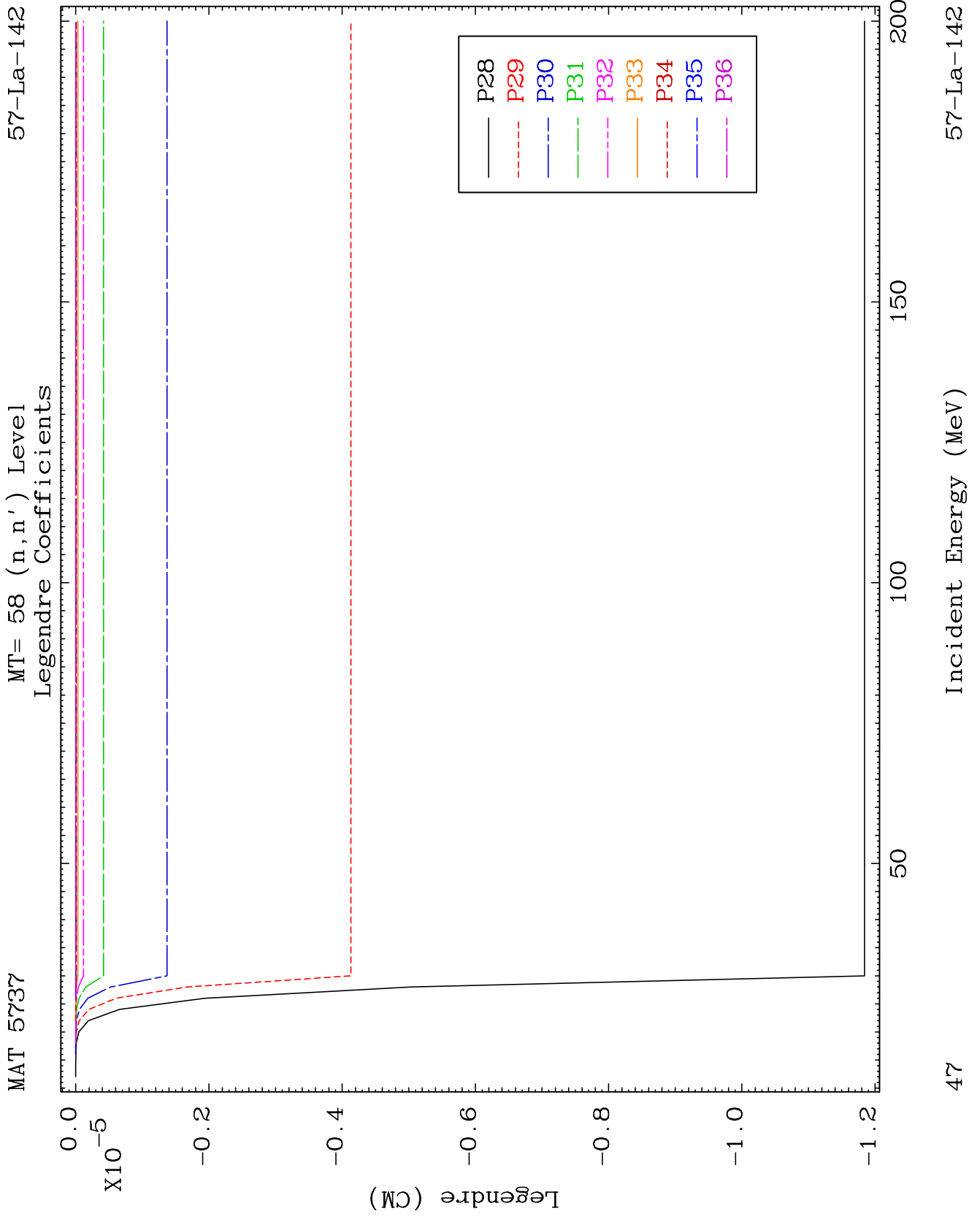


57-La-142

Incident Energy (MeV)

45

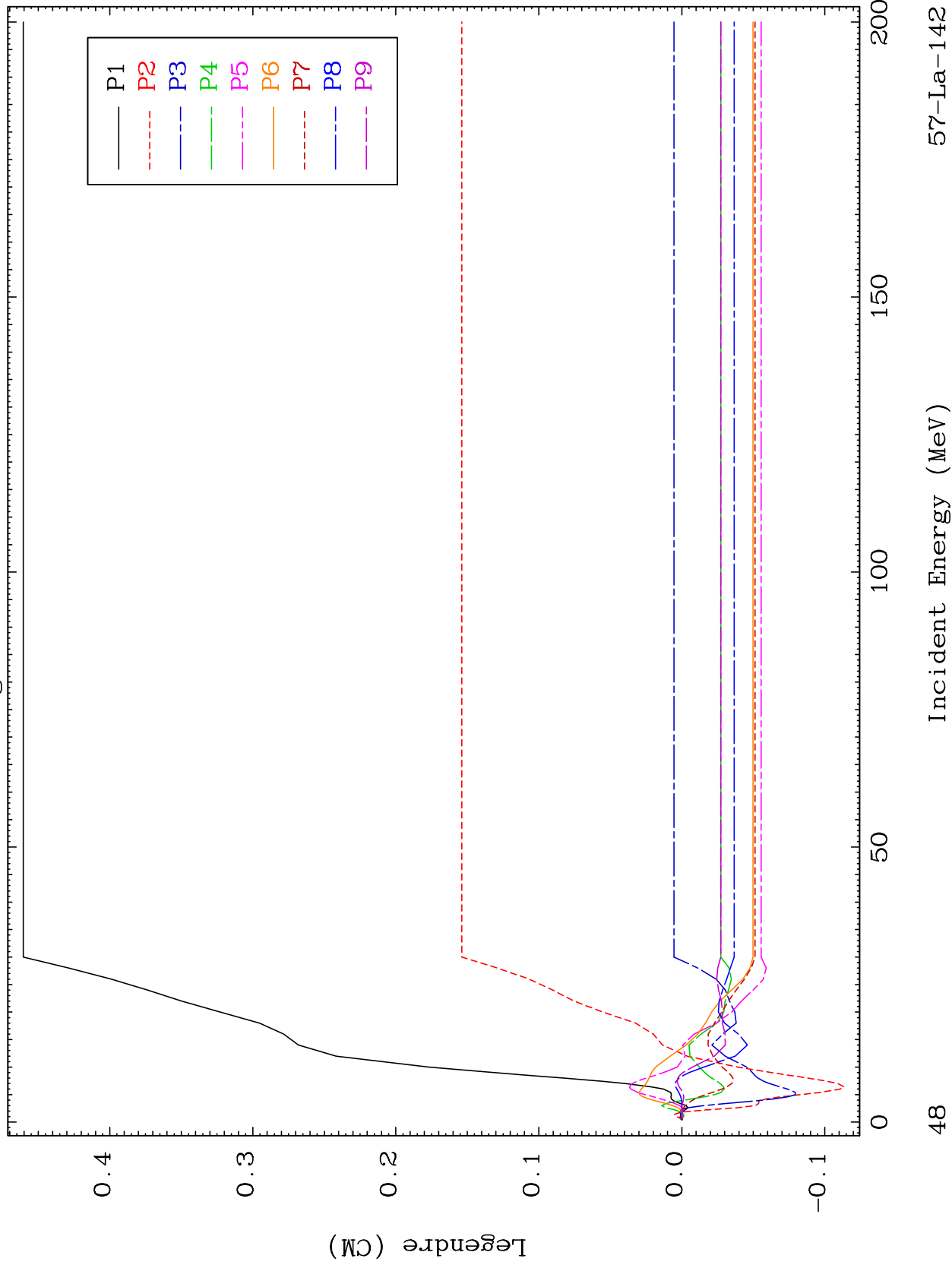




MAT 5737

MT= 59 (n,n') Level
Legendre Coefficients

57-La-142



57-La-142

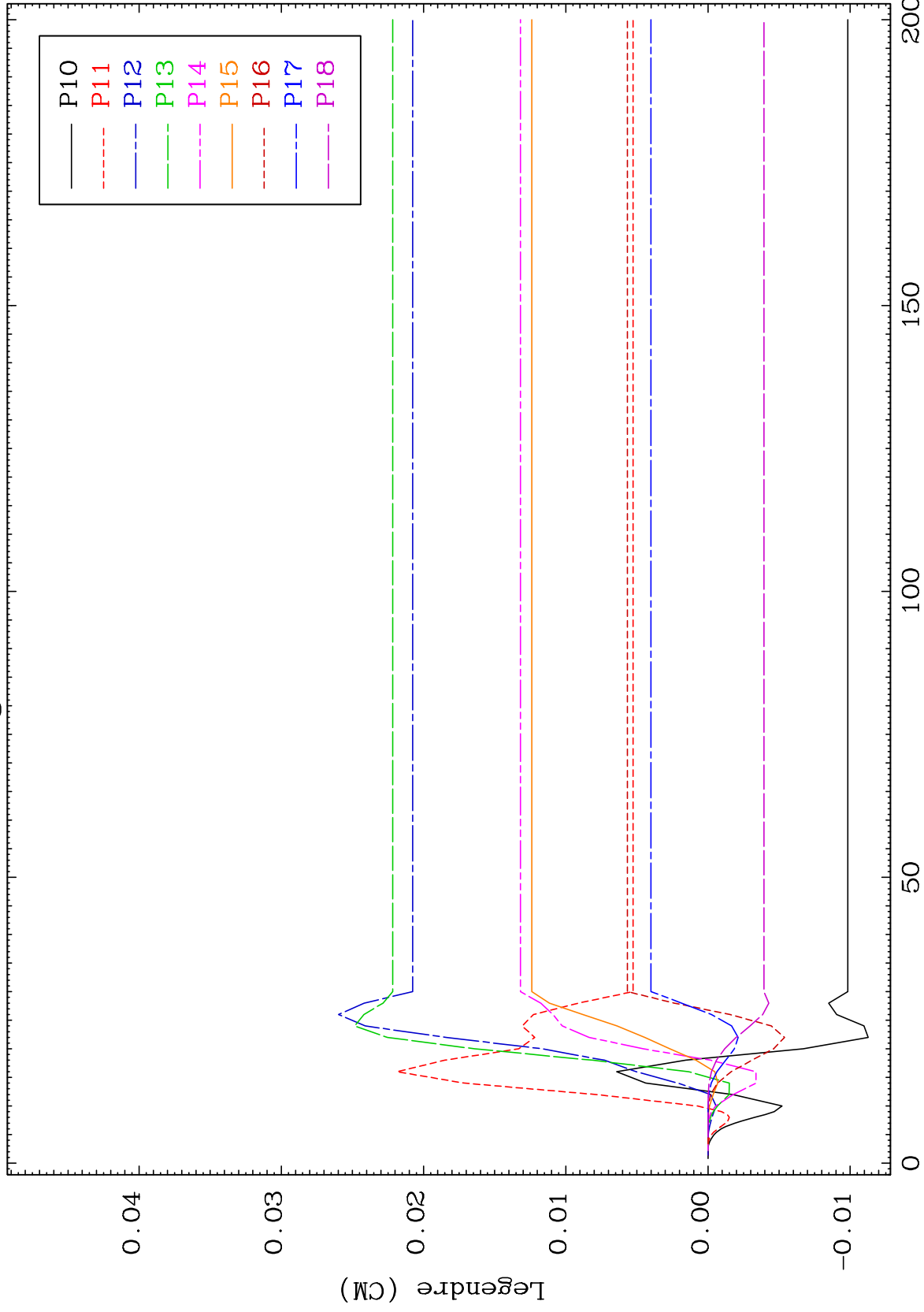
Incident Energy (MeV)

48

MAT 5737

MT= 59 (n,n') Level
Legendre Coefficients

57-La-142



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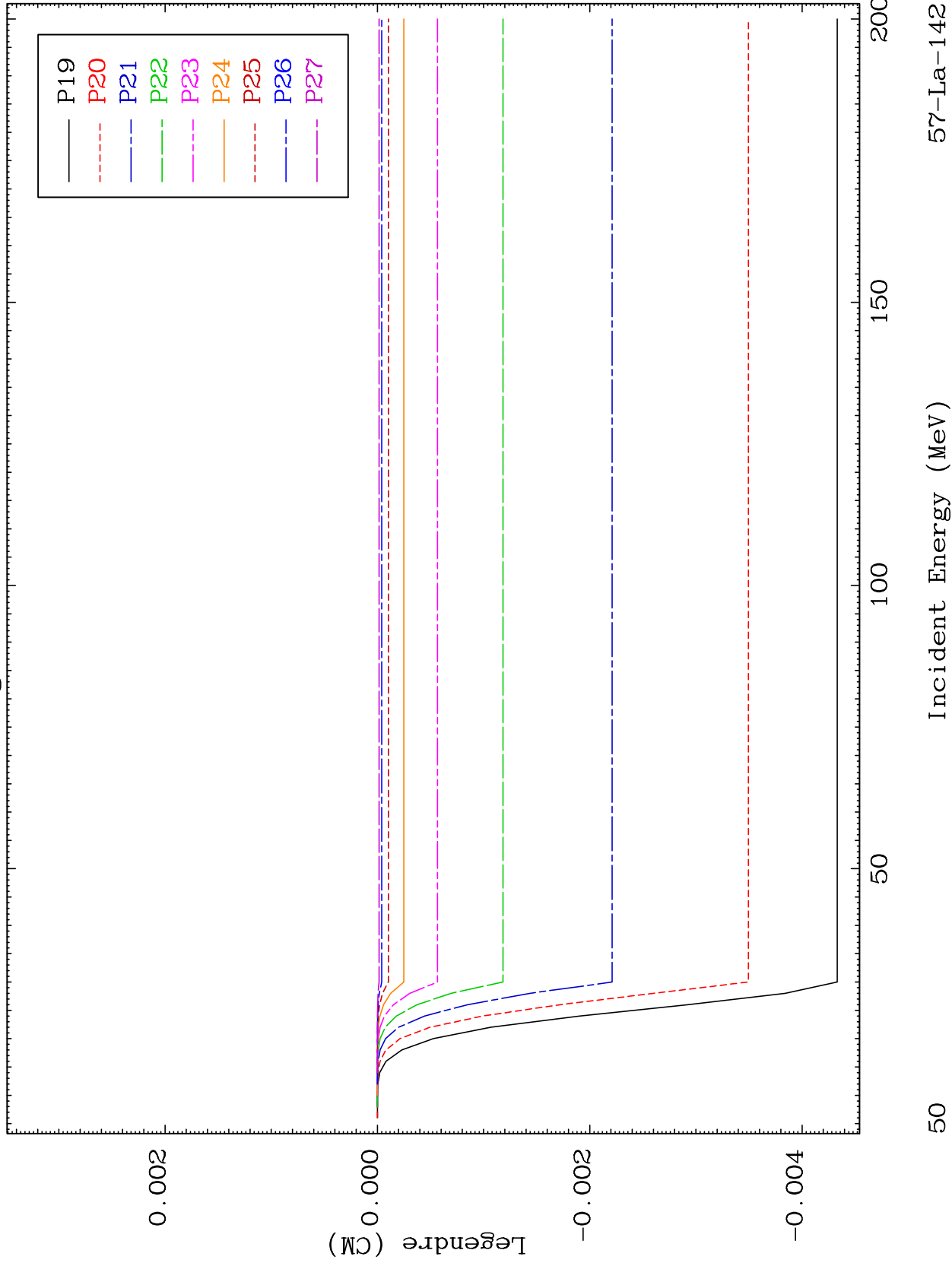
Incident Energy (MeV)

57-La-142

MAT 5737

MT= 59 (n,n') Level
Legendre Coefficients

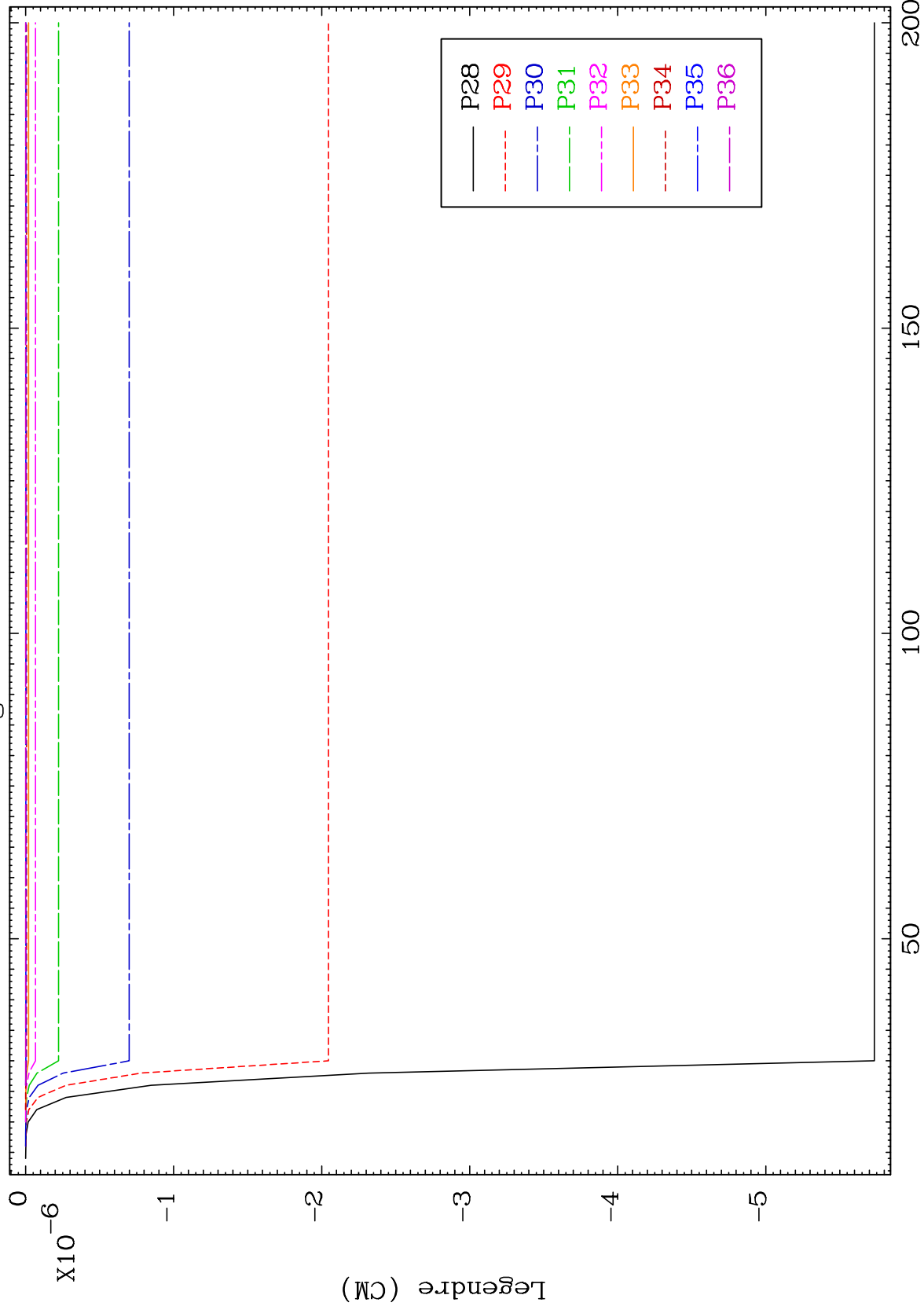
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MAT 5737

MT= 59 (n,n') Level
Legendre Coefficients

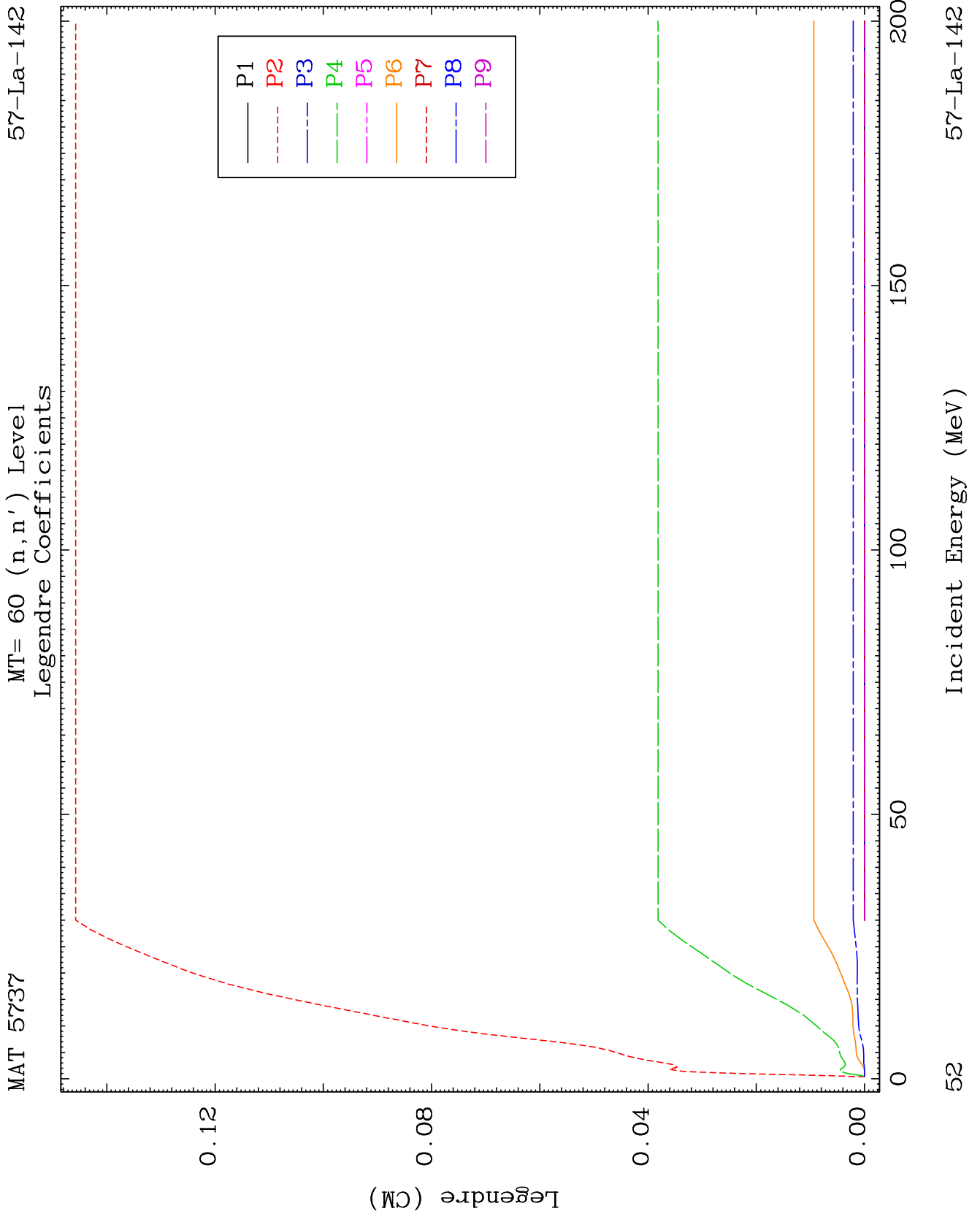
57-La-142



51

Incident Energy (MeV)

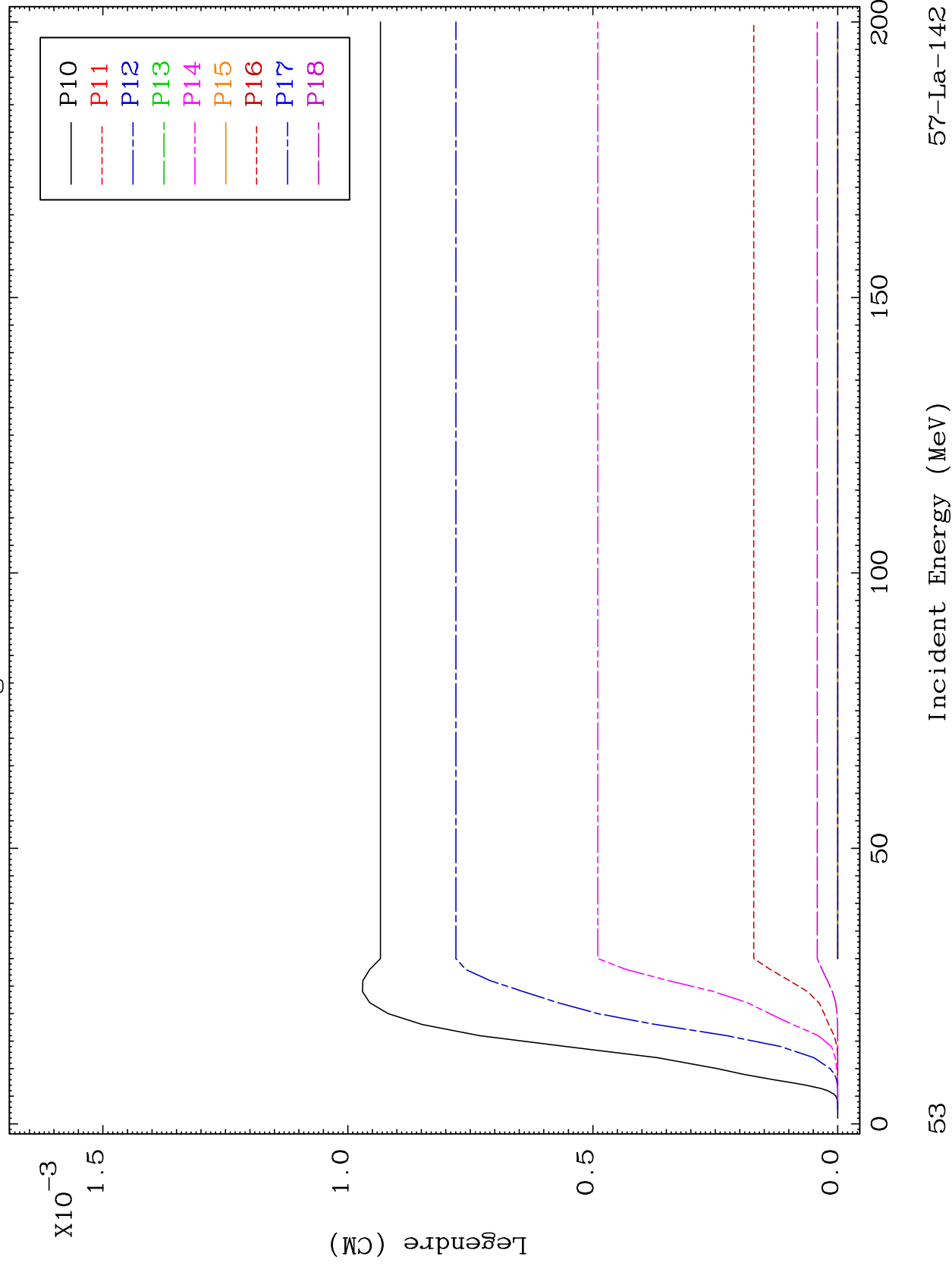
57-La-142



MAT 5737

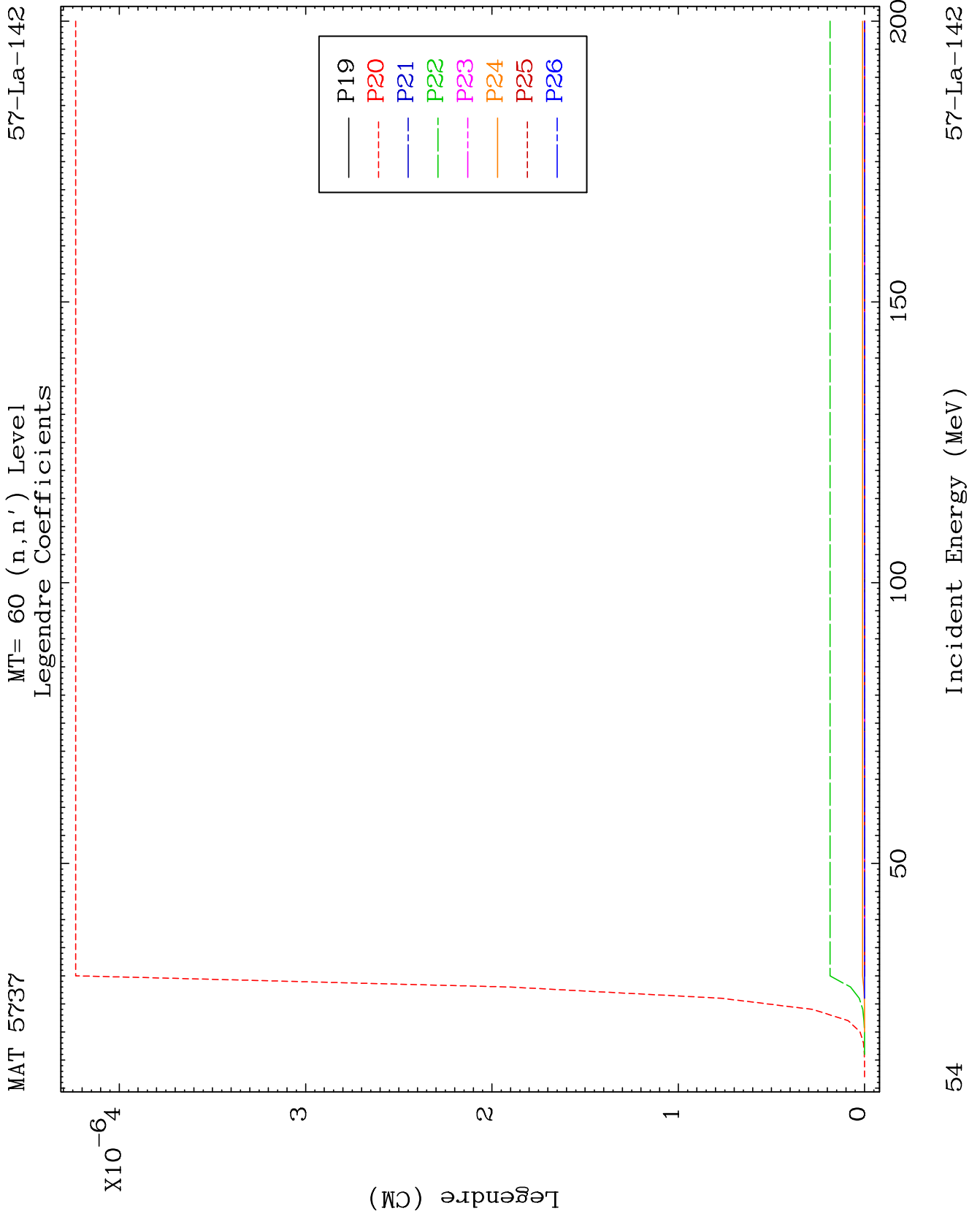
MT= 60 (n,n') Level
Legendre Coefficients

57-La-142



53

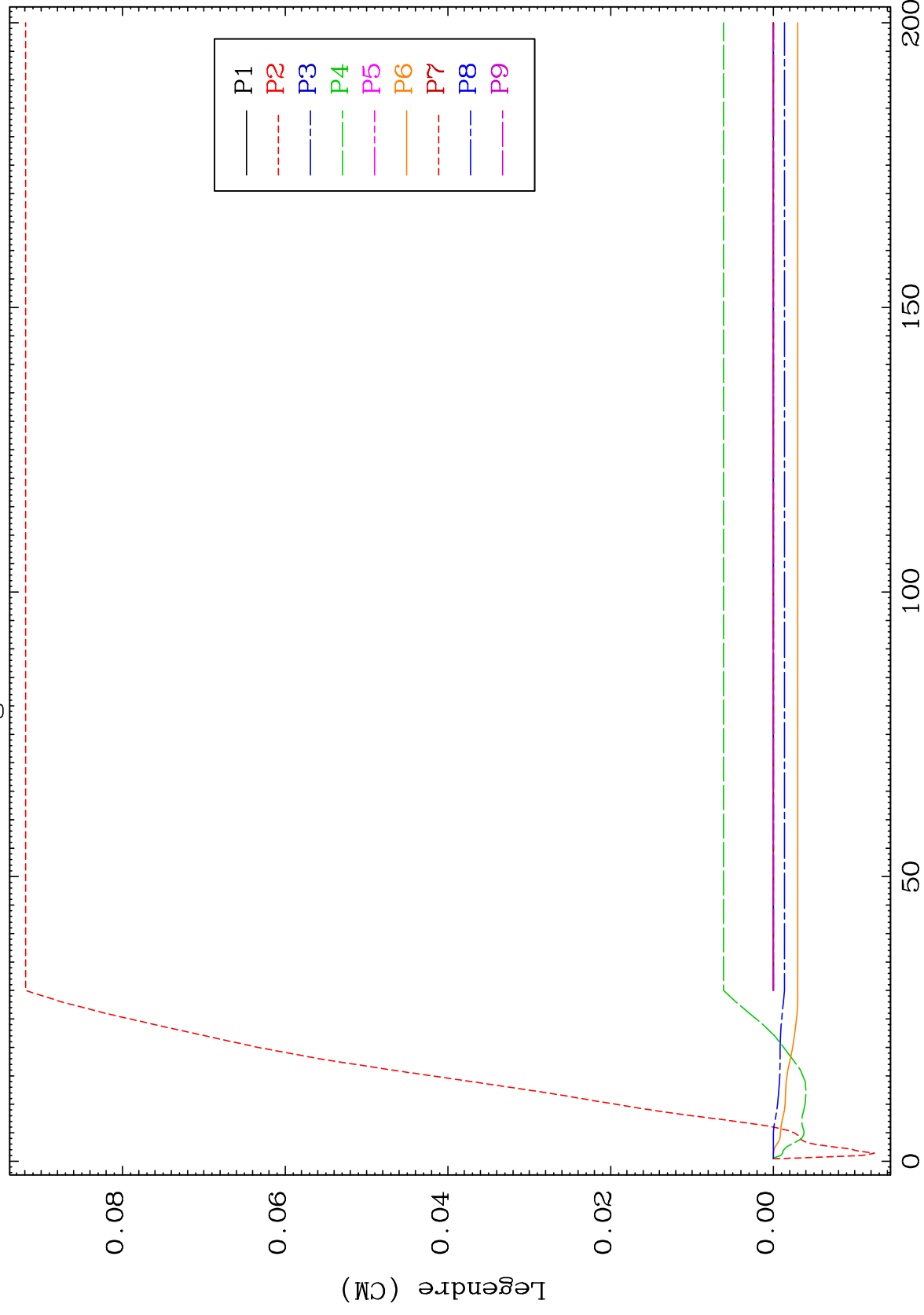
57-La-142



MAT 5737

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

57-La-142



57-La-142

Incident Energy (MeV)

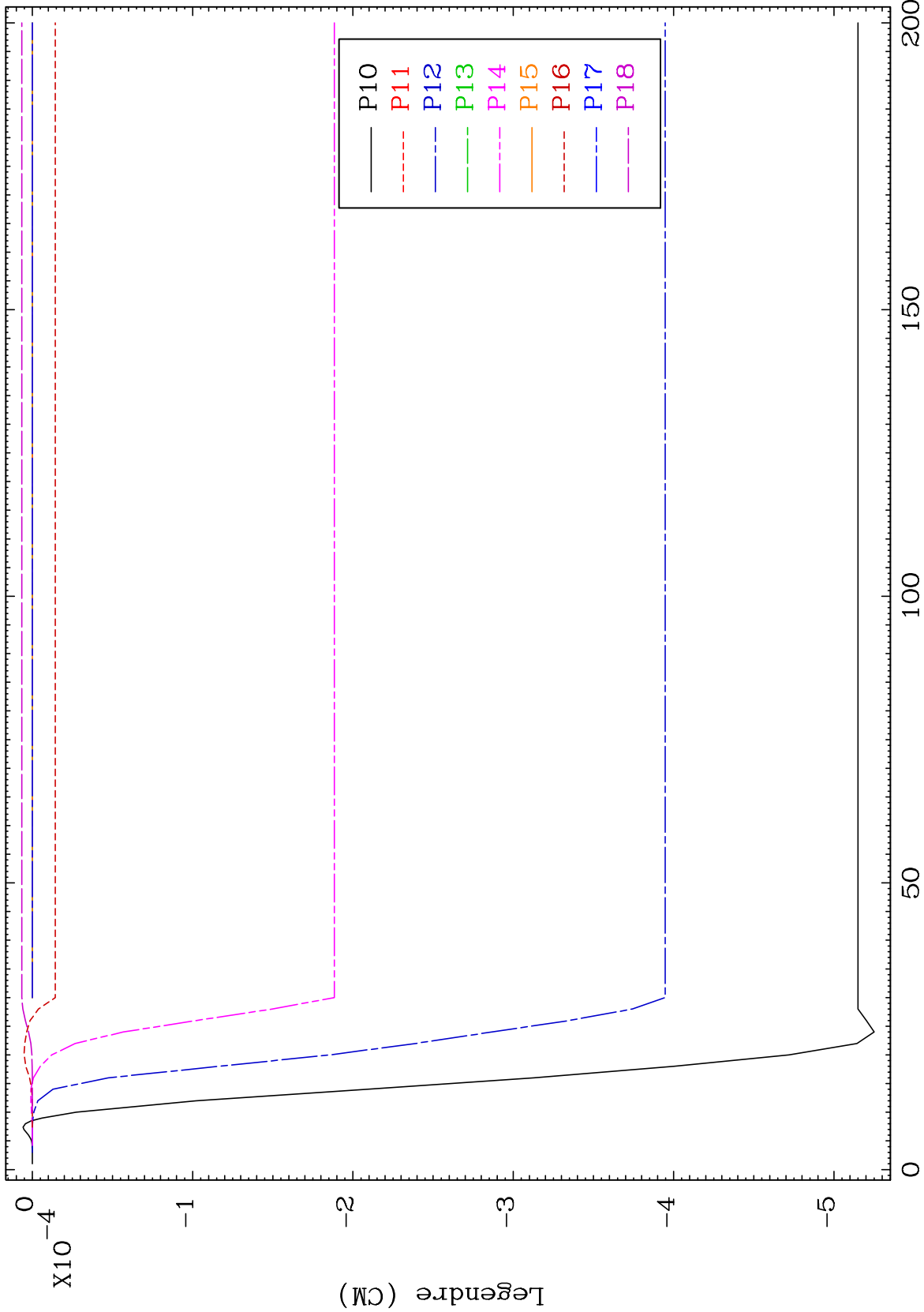
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MAT 5737

MT= 61 (n,n') Level

57-La-142

Legendre Coefficients



56

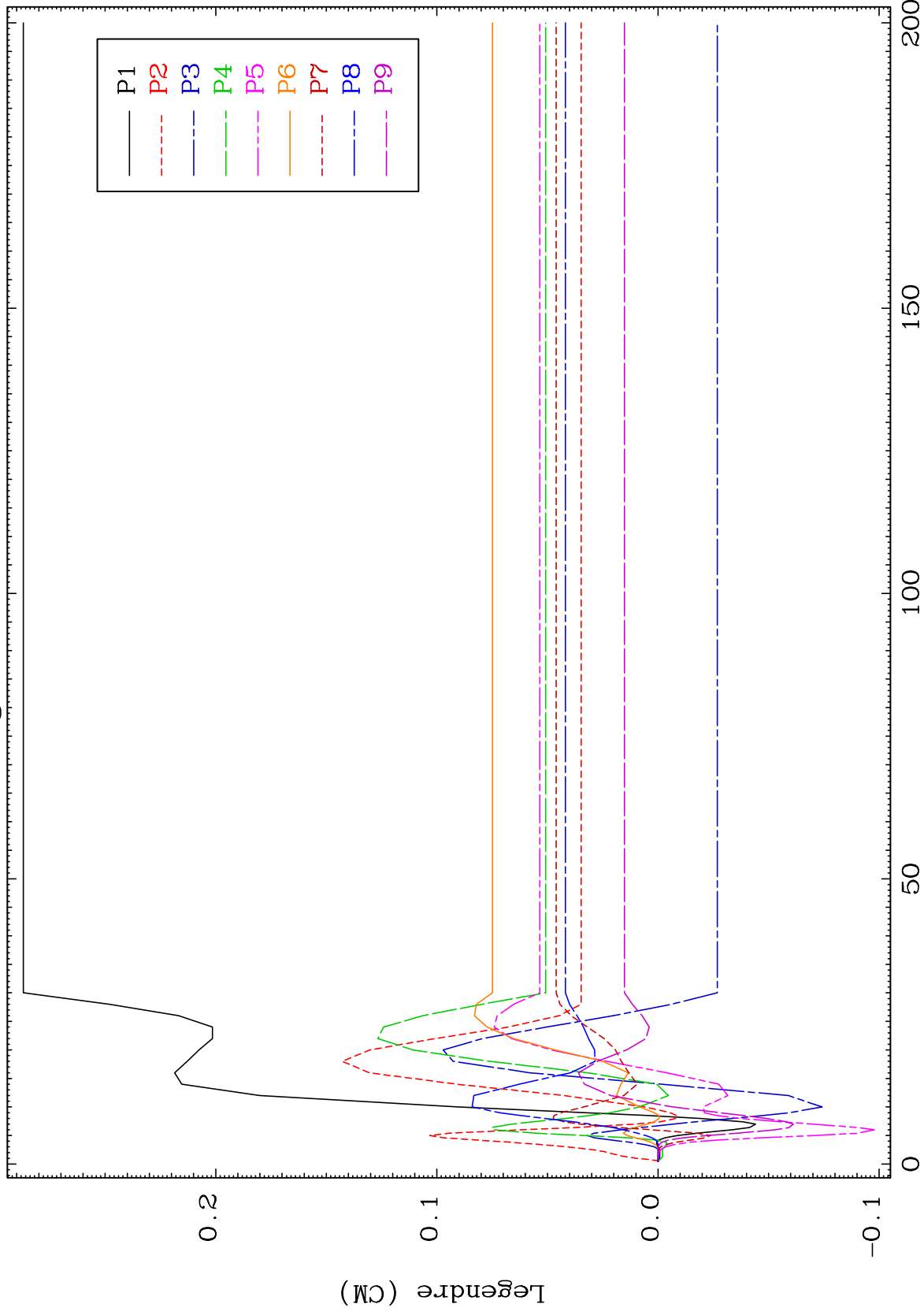
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



58

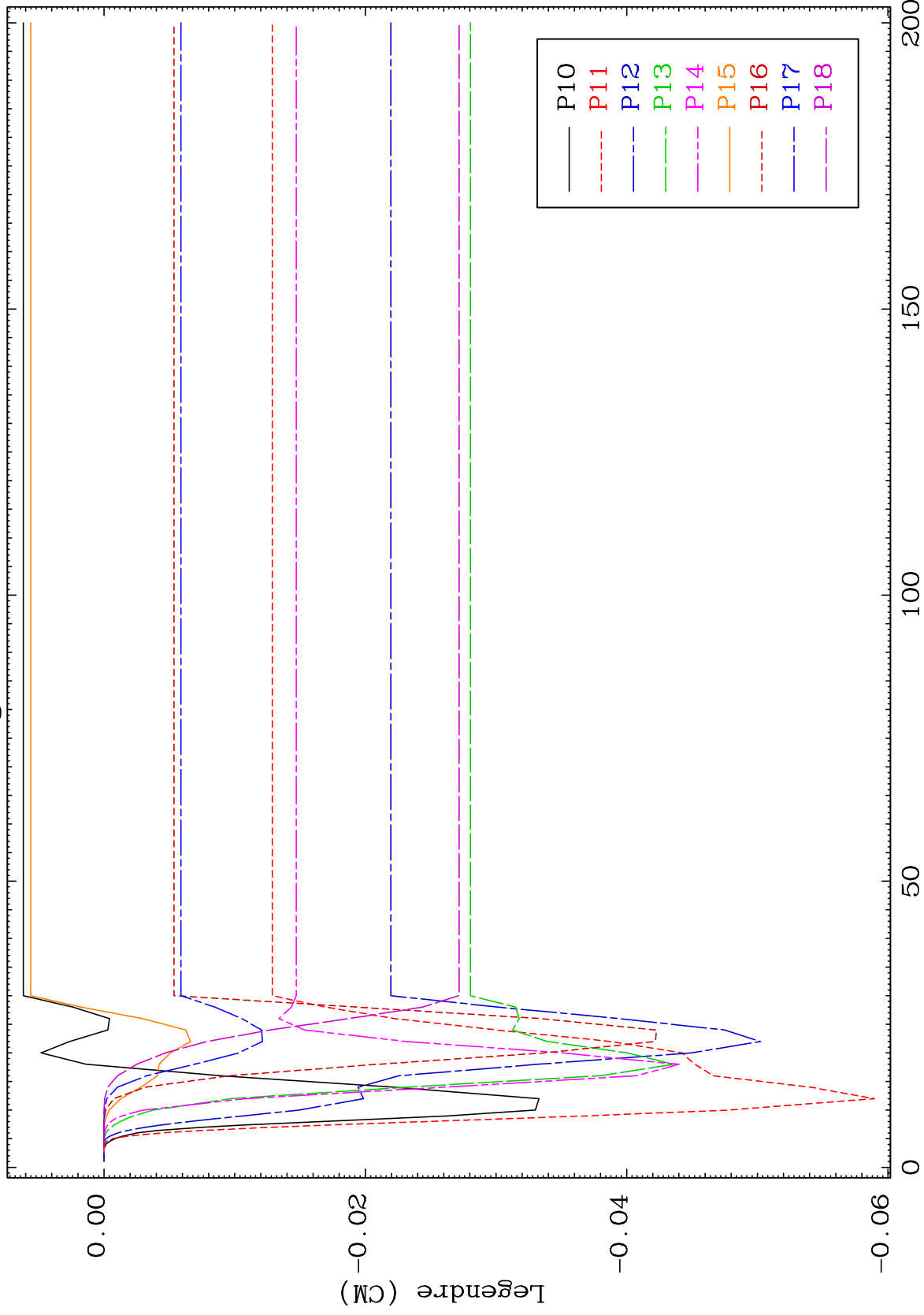
Incident Energy (MeV)

57-La-142

MAT 5737

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

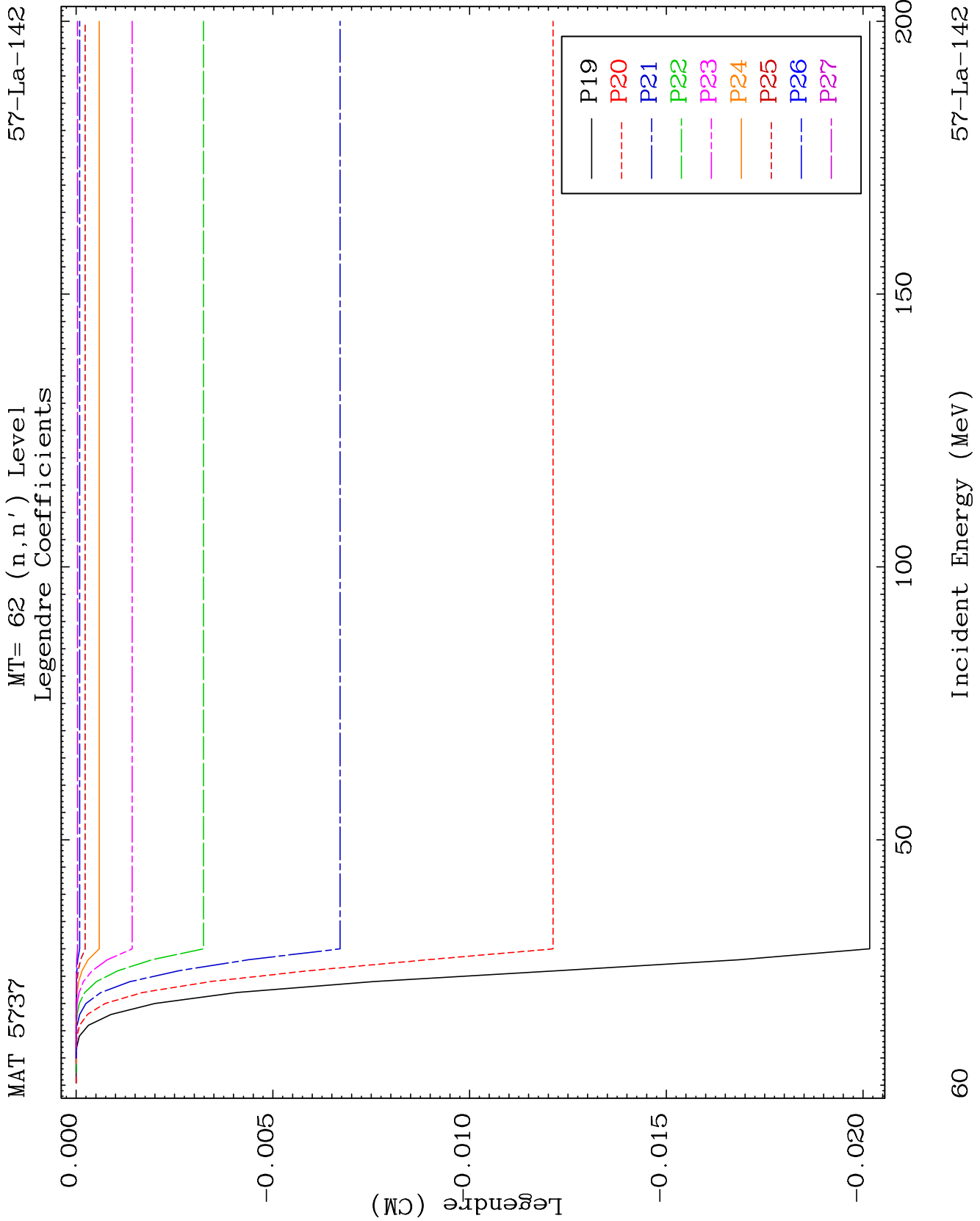
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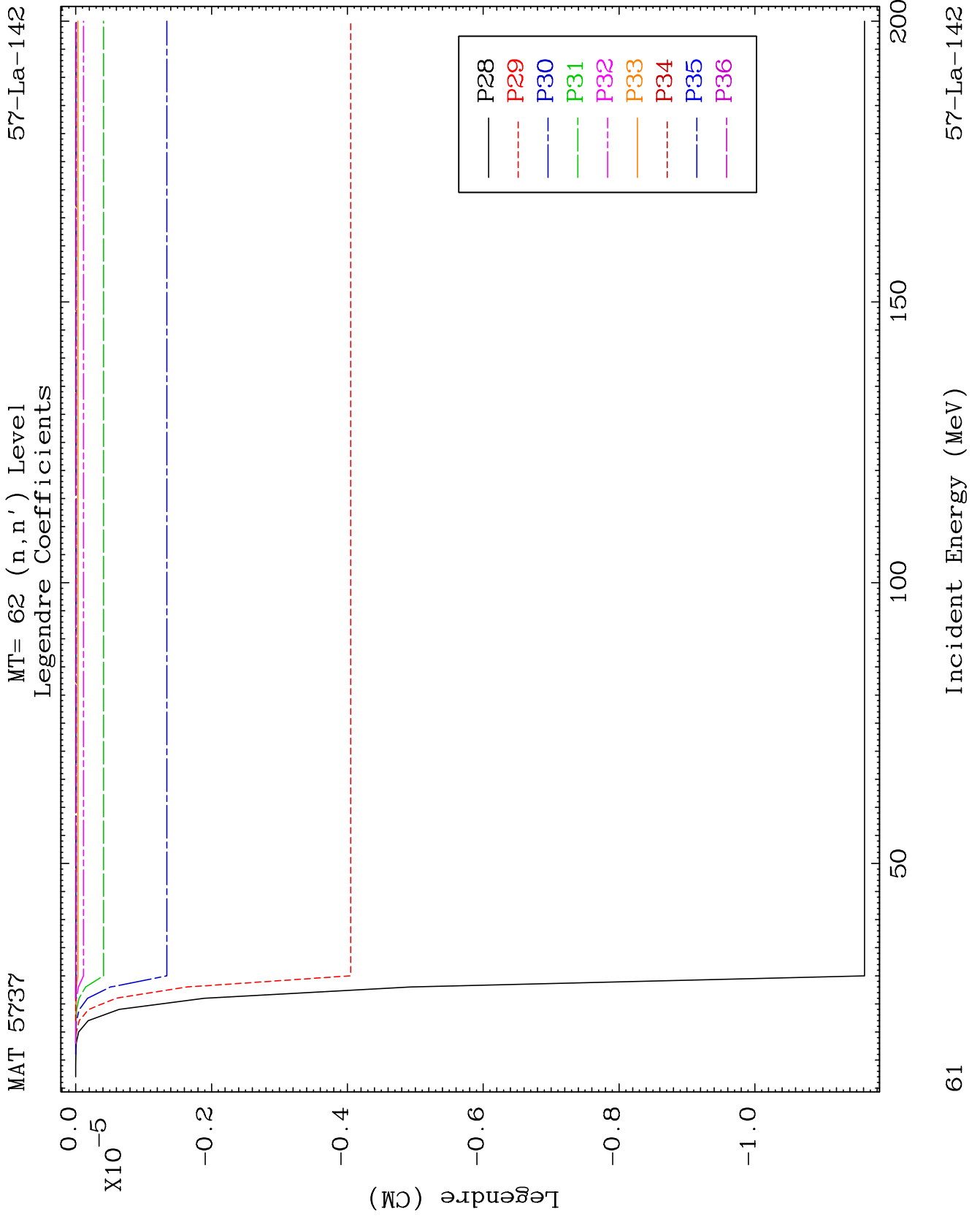


59

Incident Energy (MeV)

57-La-142

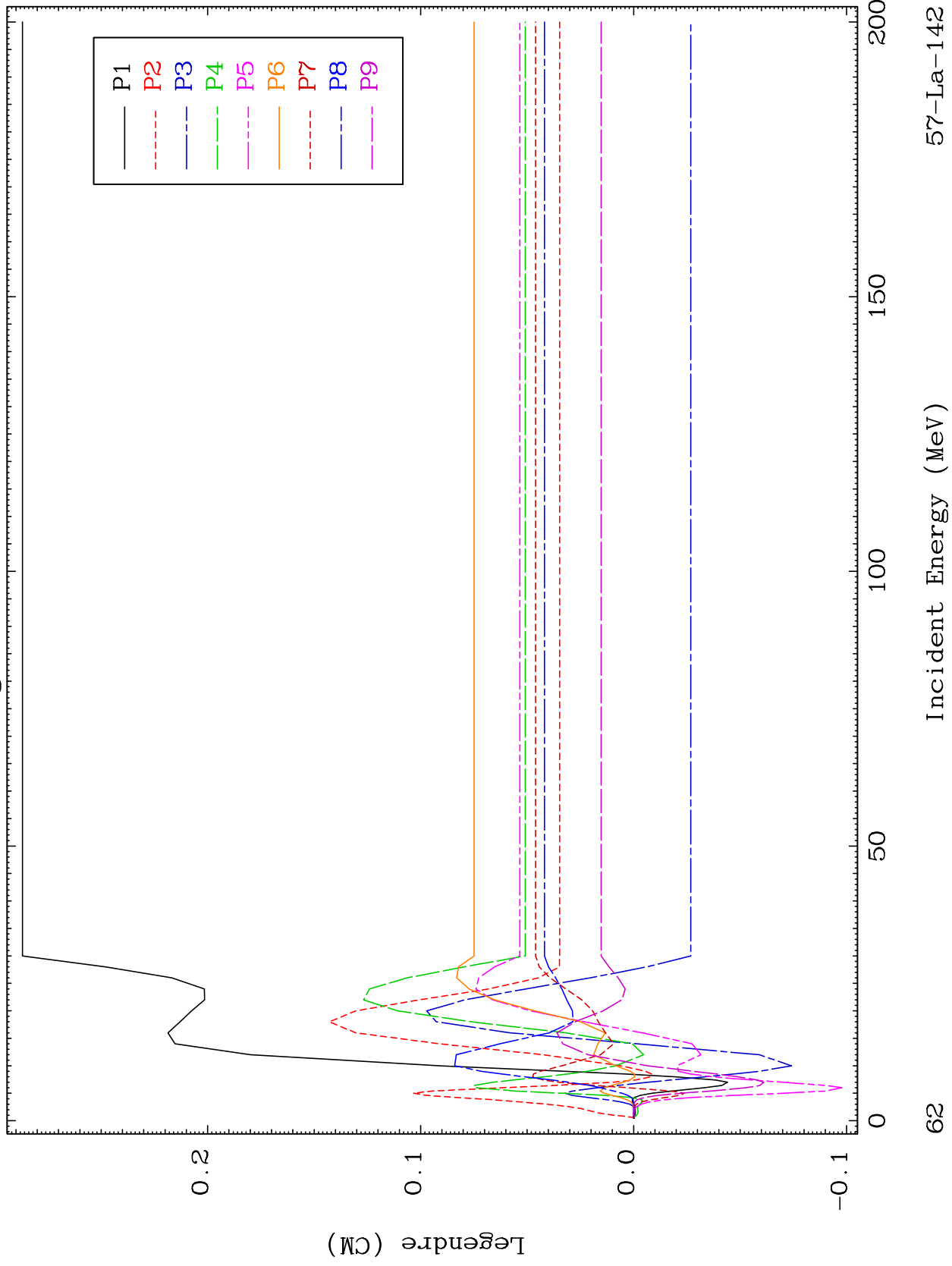




MAT 5737

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

57-La-142



57-La-142

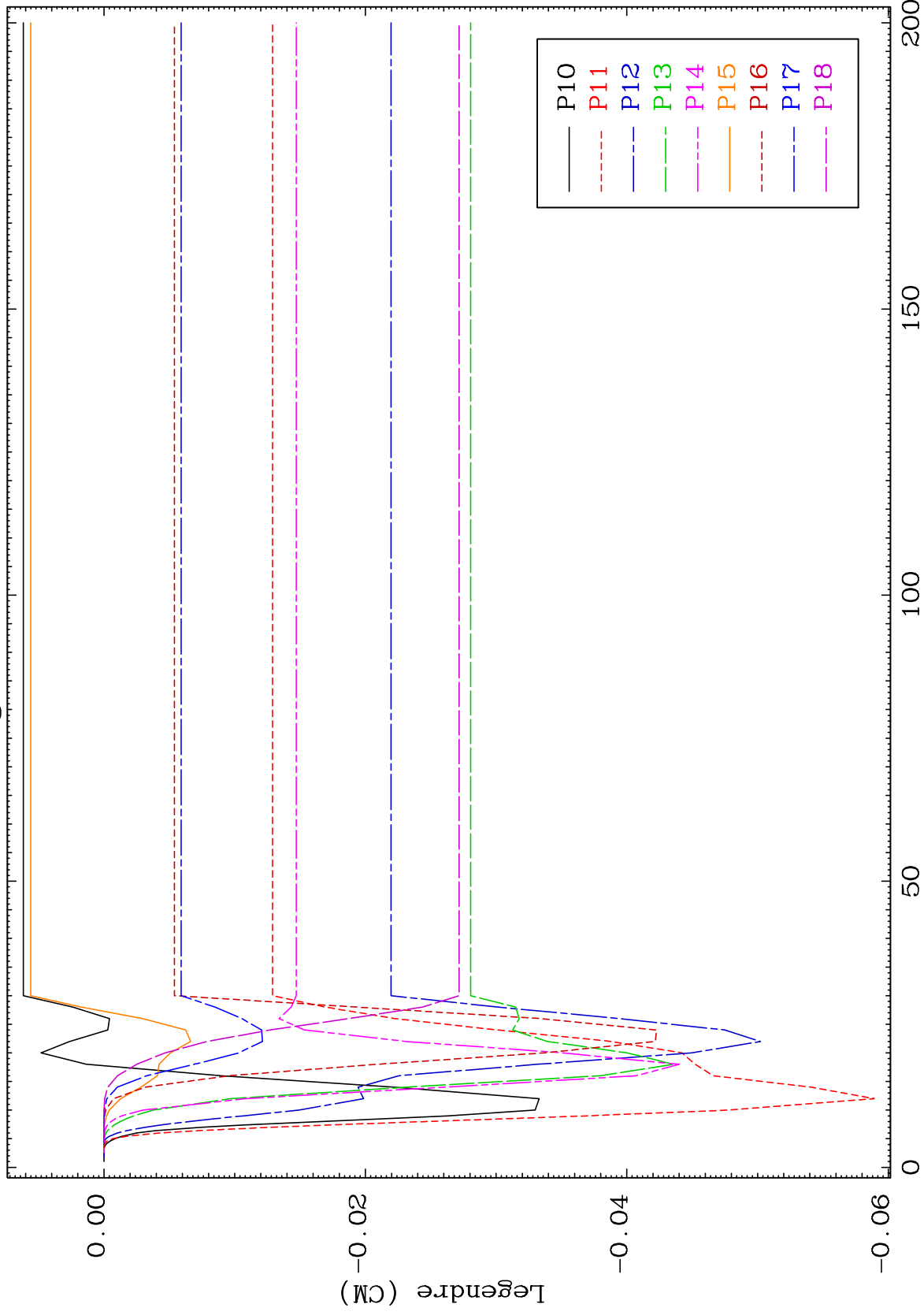
Incident Energy (MeV)

62

MAT 5737

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

57-La-142



63

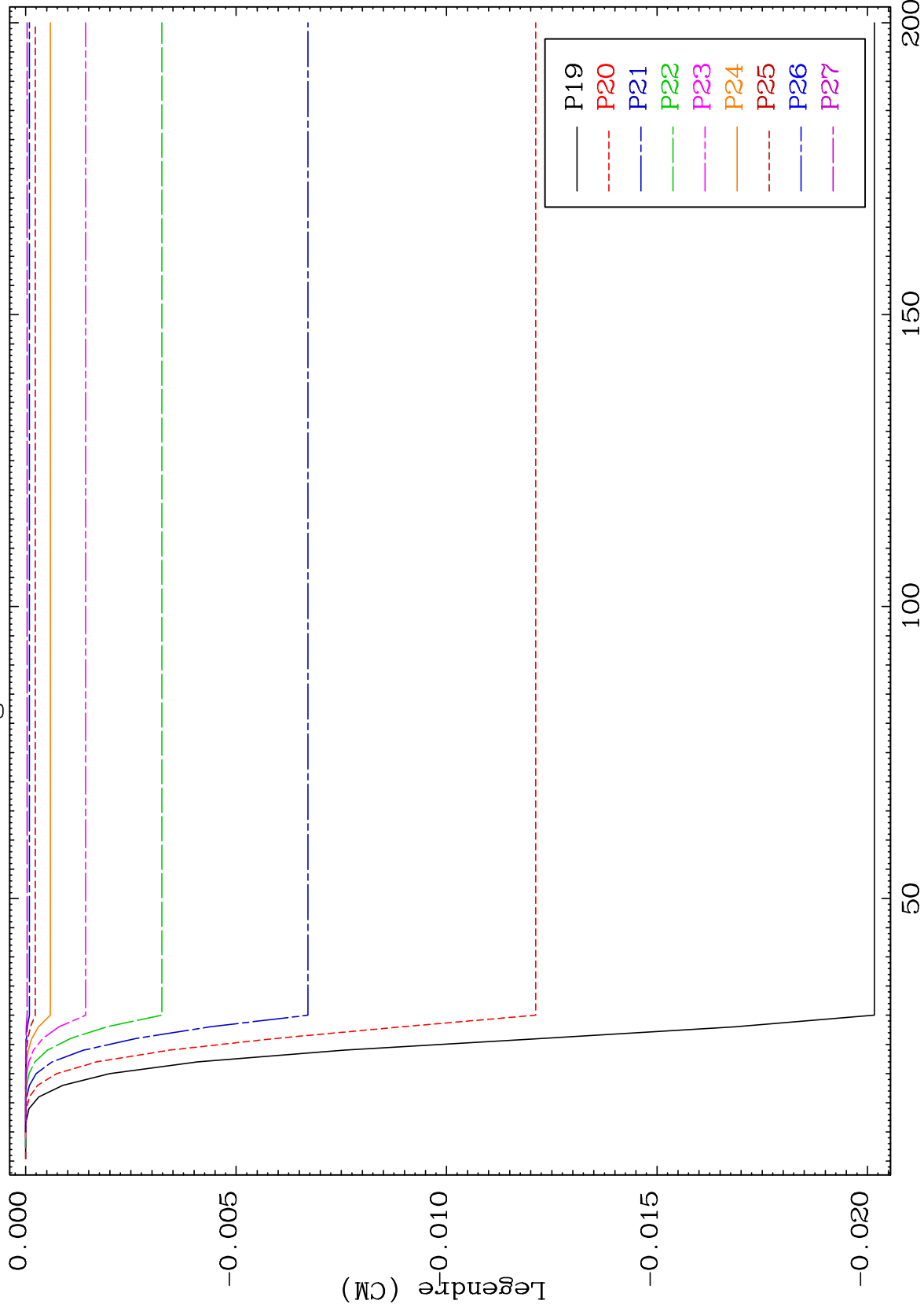
Incident Energy (MeV)

57-La-142

MAT 5737

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

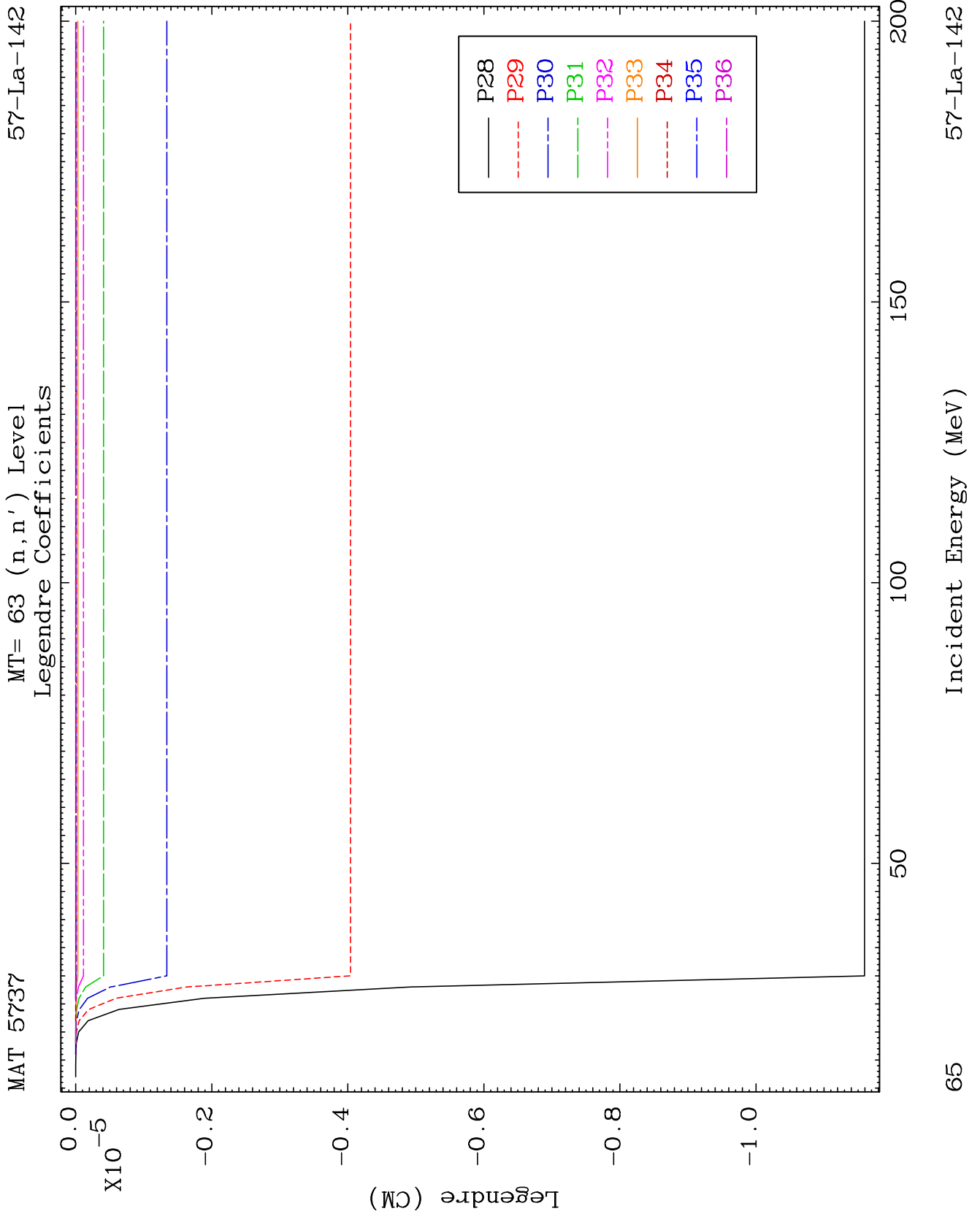
57-La-142



64

Incident Energy (MeV)

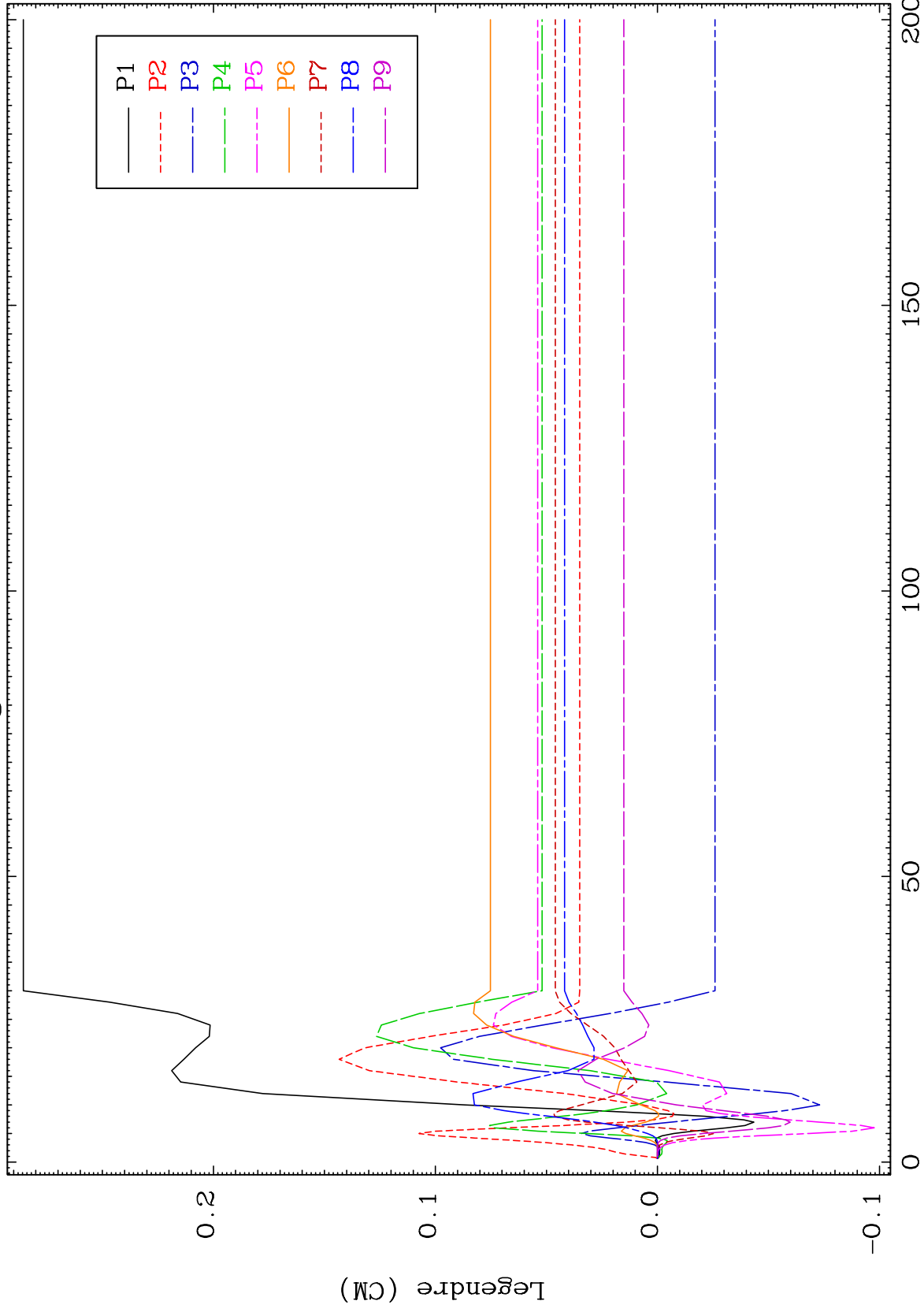
57-La-142



MAT 5737

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

57-La-142



66

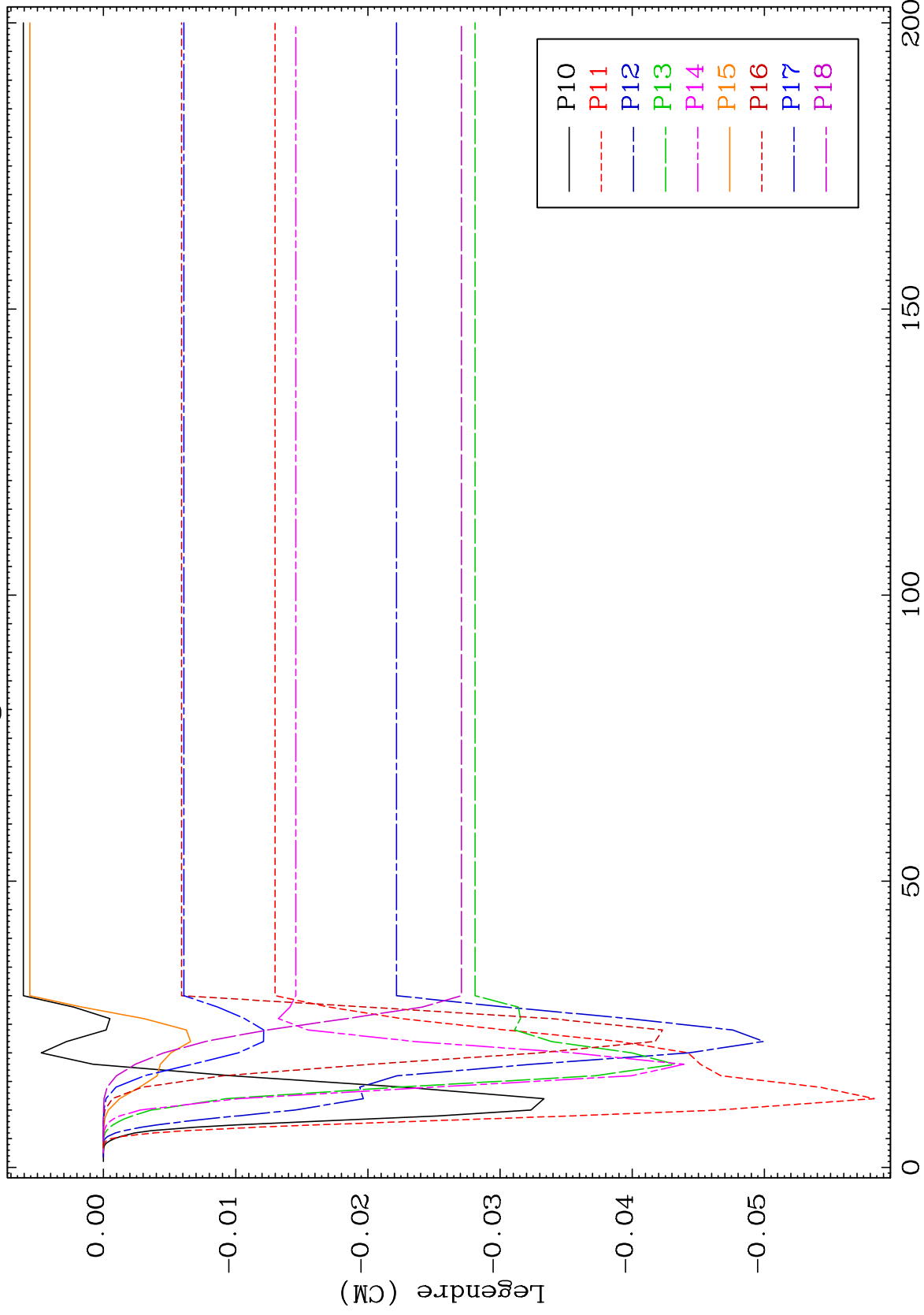
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



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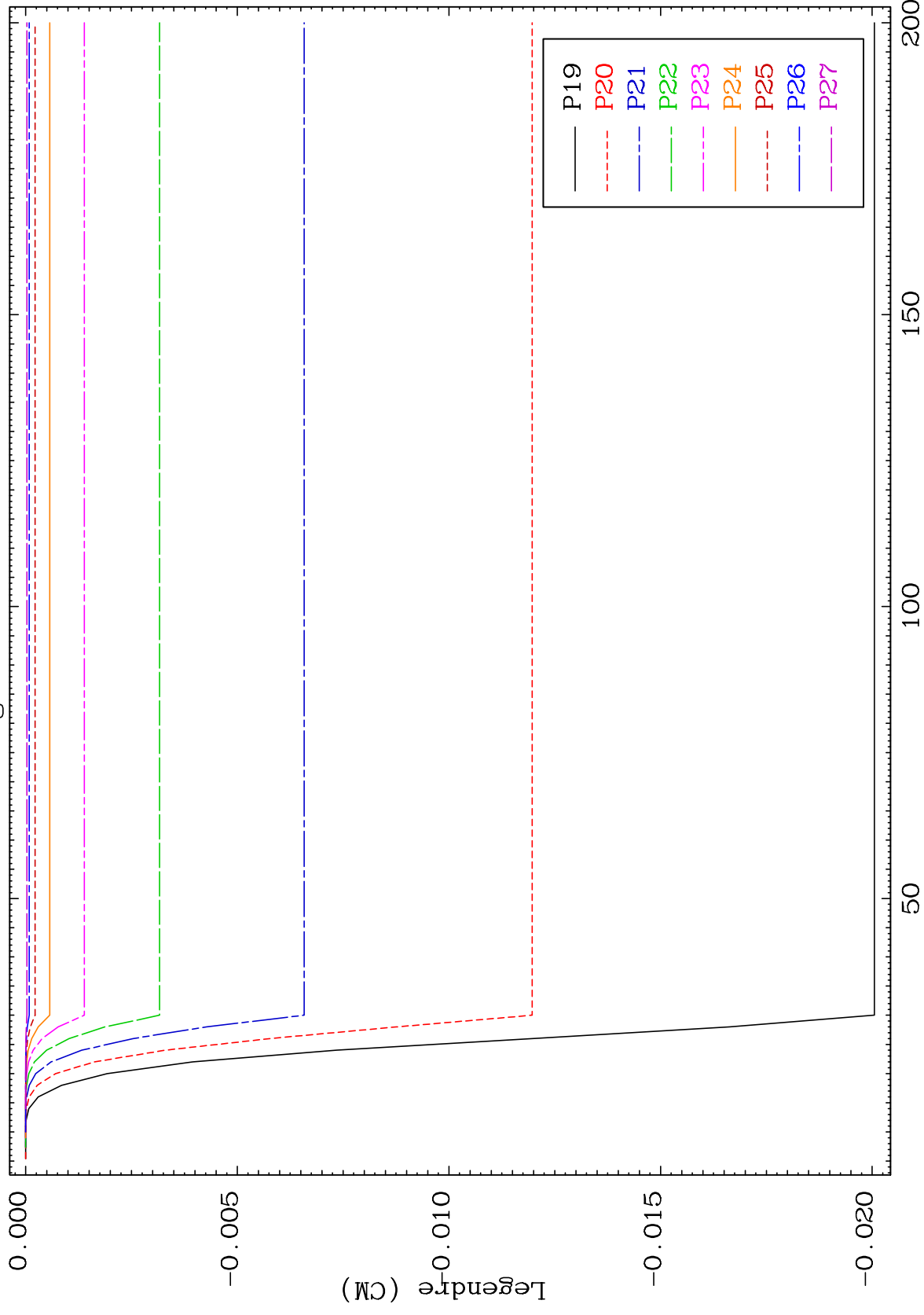
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



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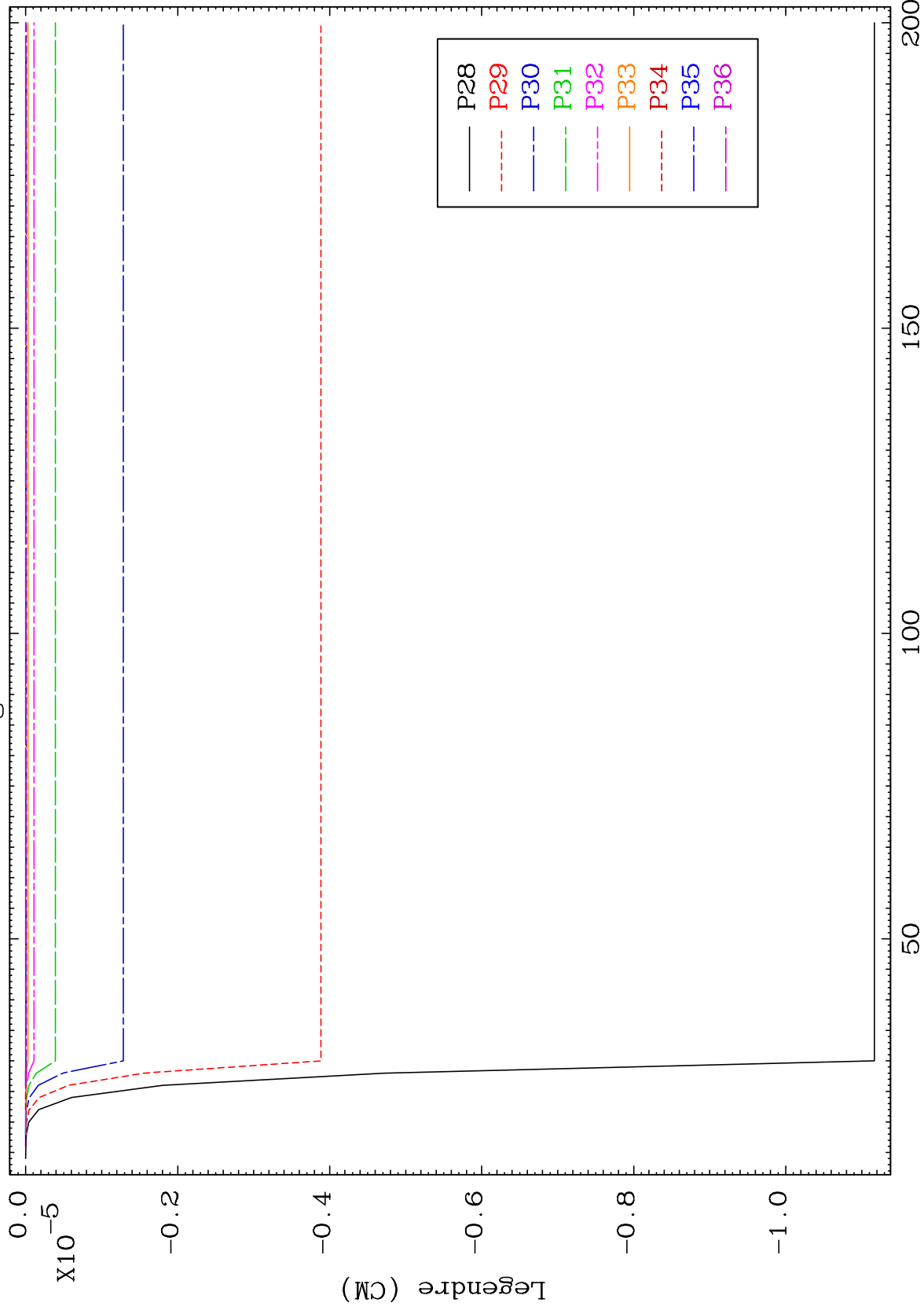
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



69

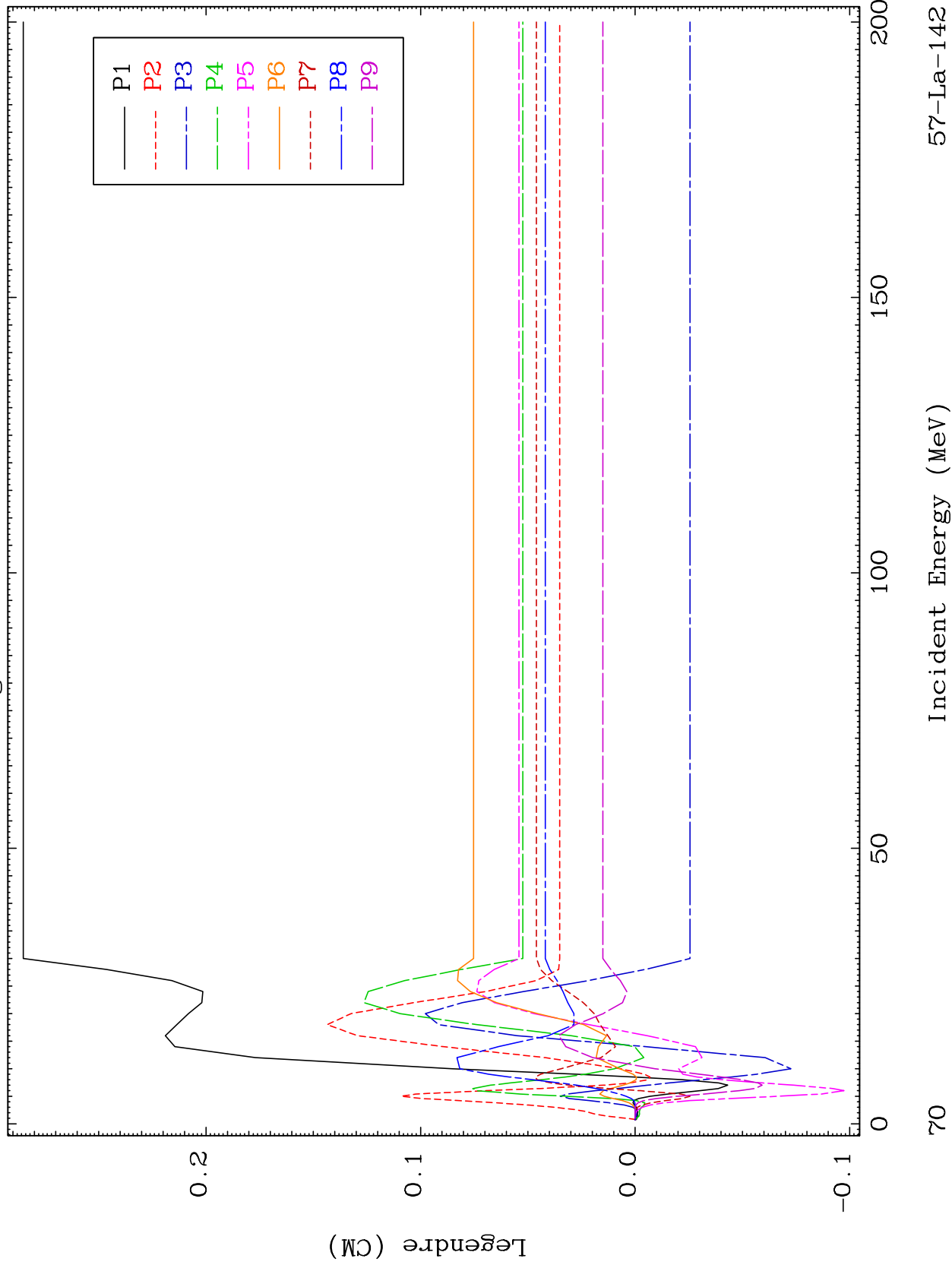
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

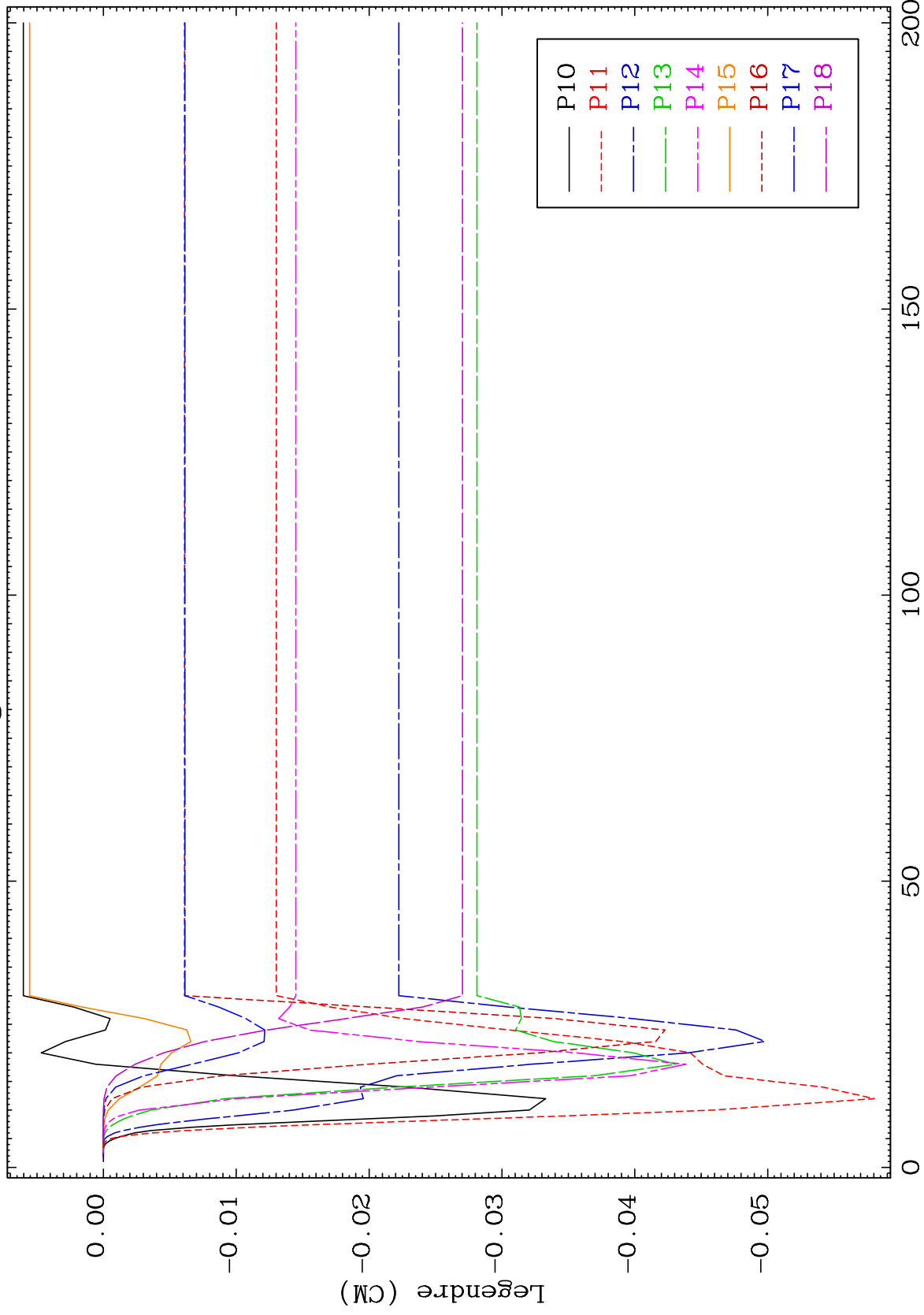
Incident Energy (MeV)

70

MAT 5737

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

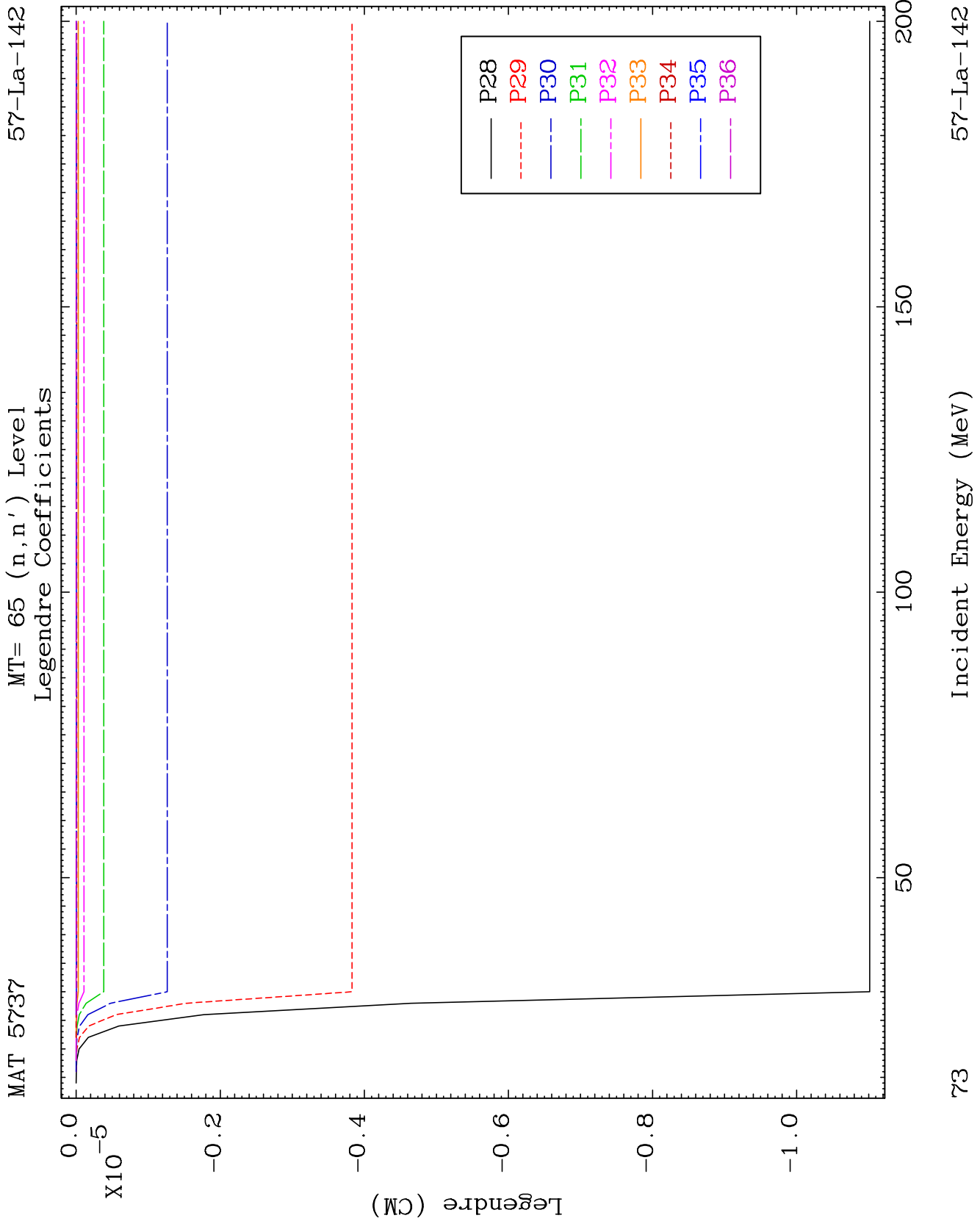
57-La-142



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Incident Energy (MeV)

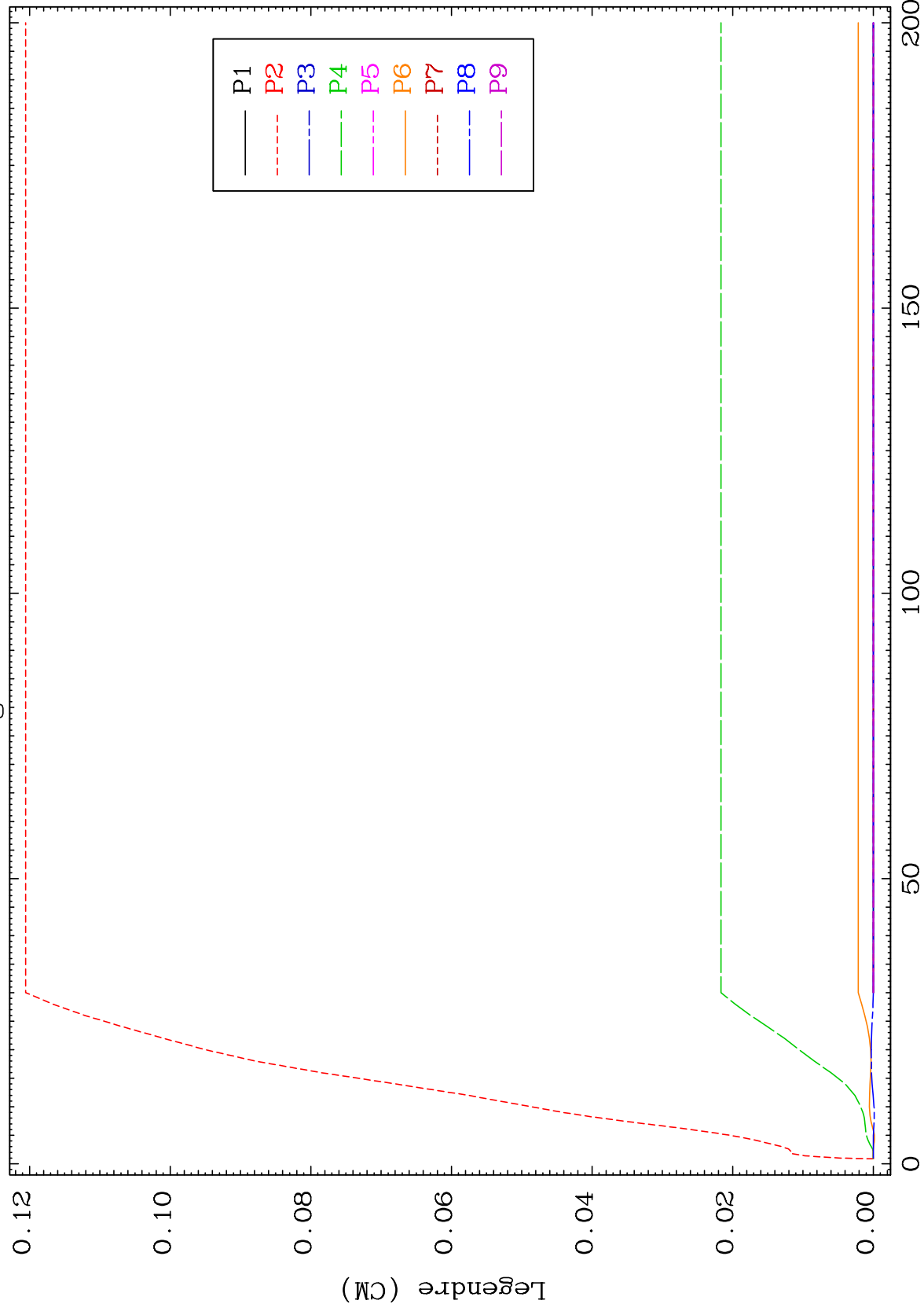
57-La-142



MAT 5737

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

57-La-142



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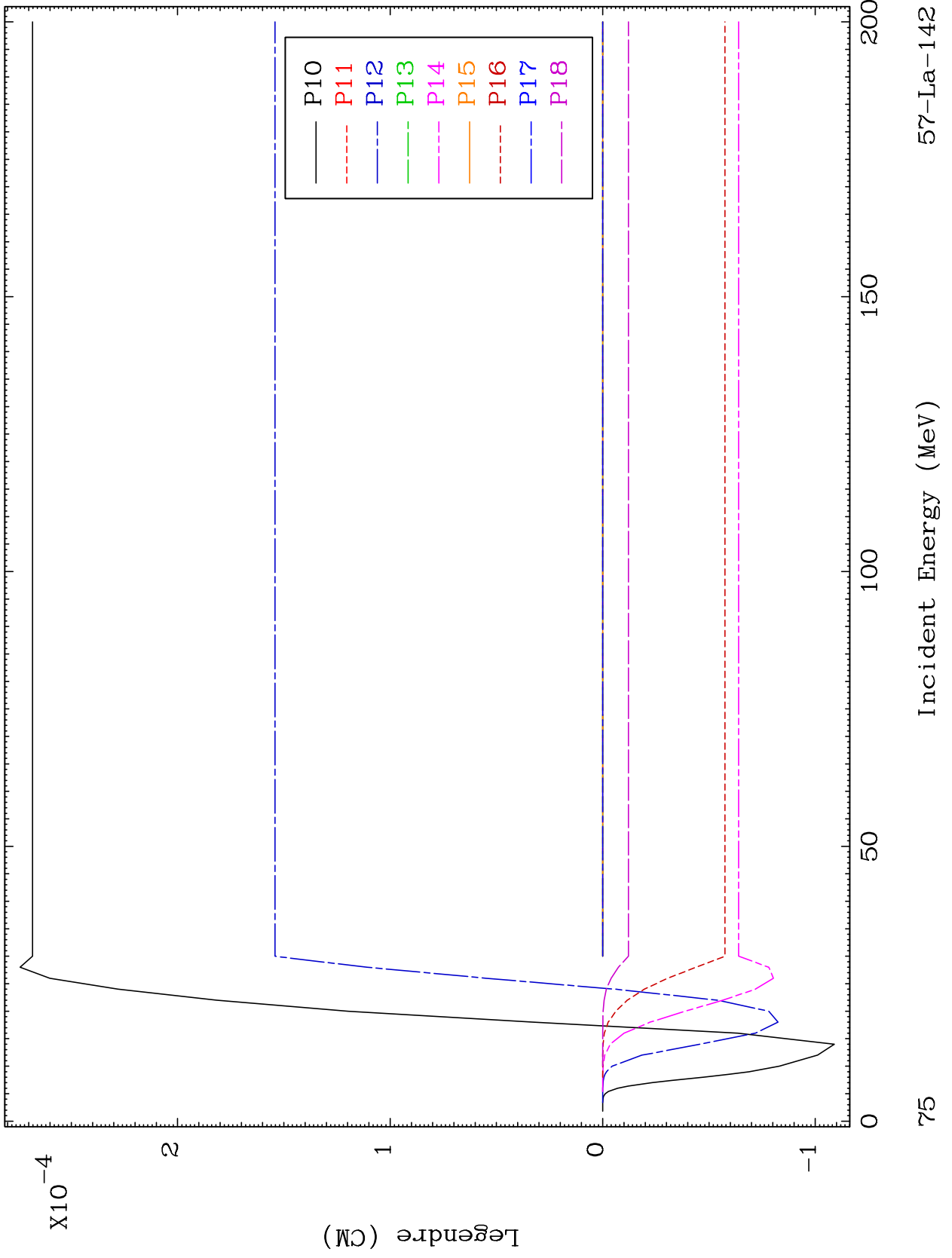
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

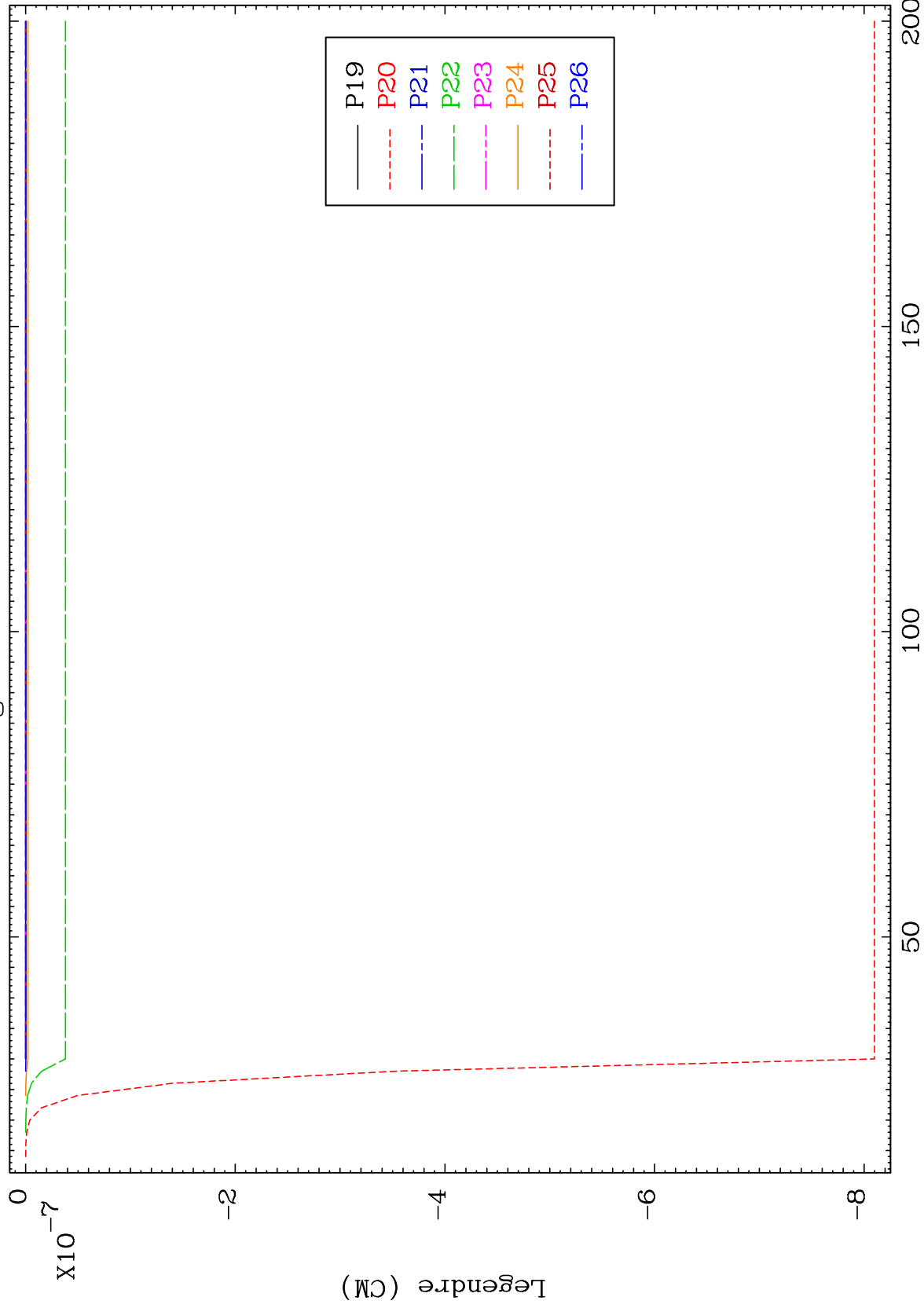
Incident Energy (MeV)

75

MAT 5737

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

57-La-142



76

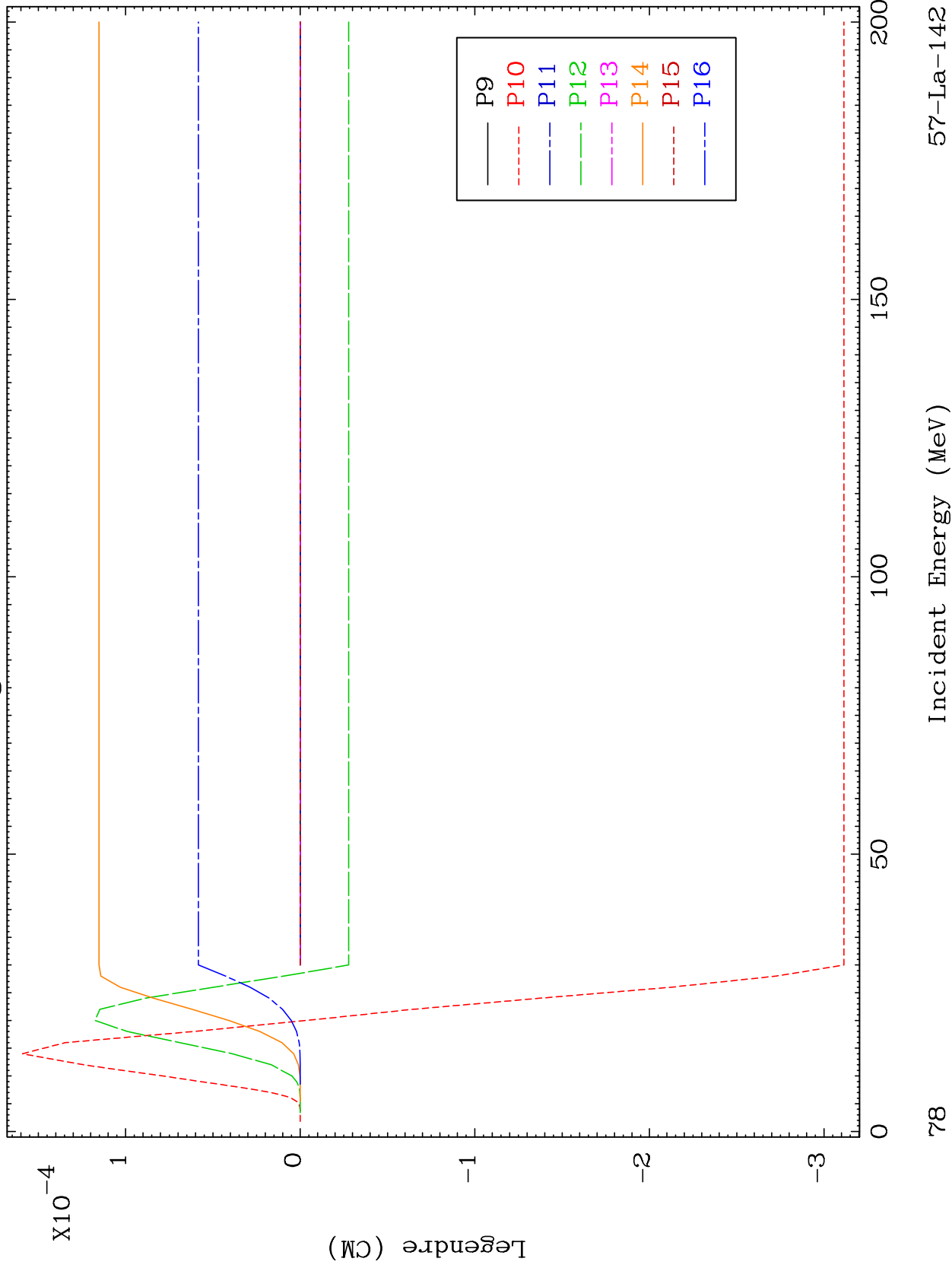
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



78

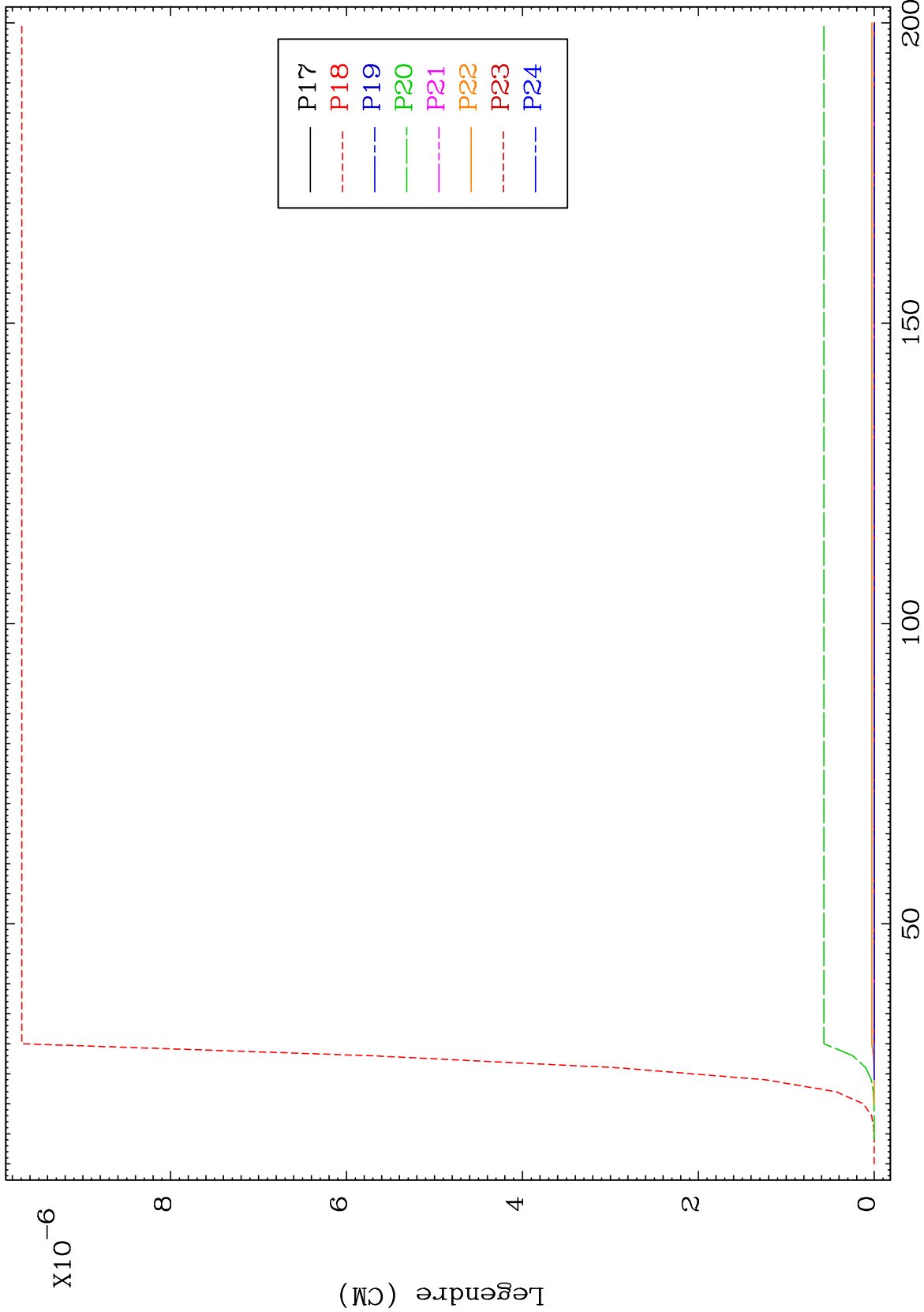
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



79

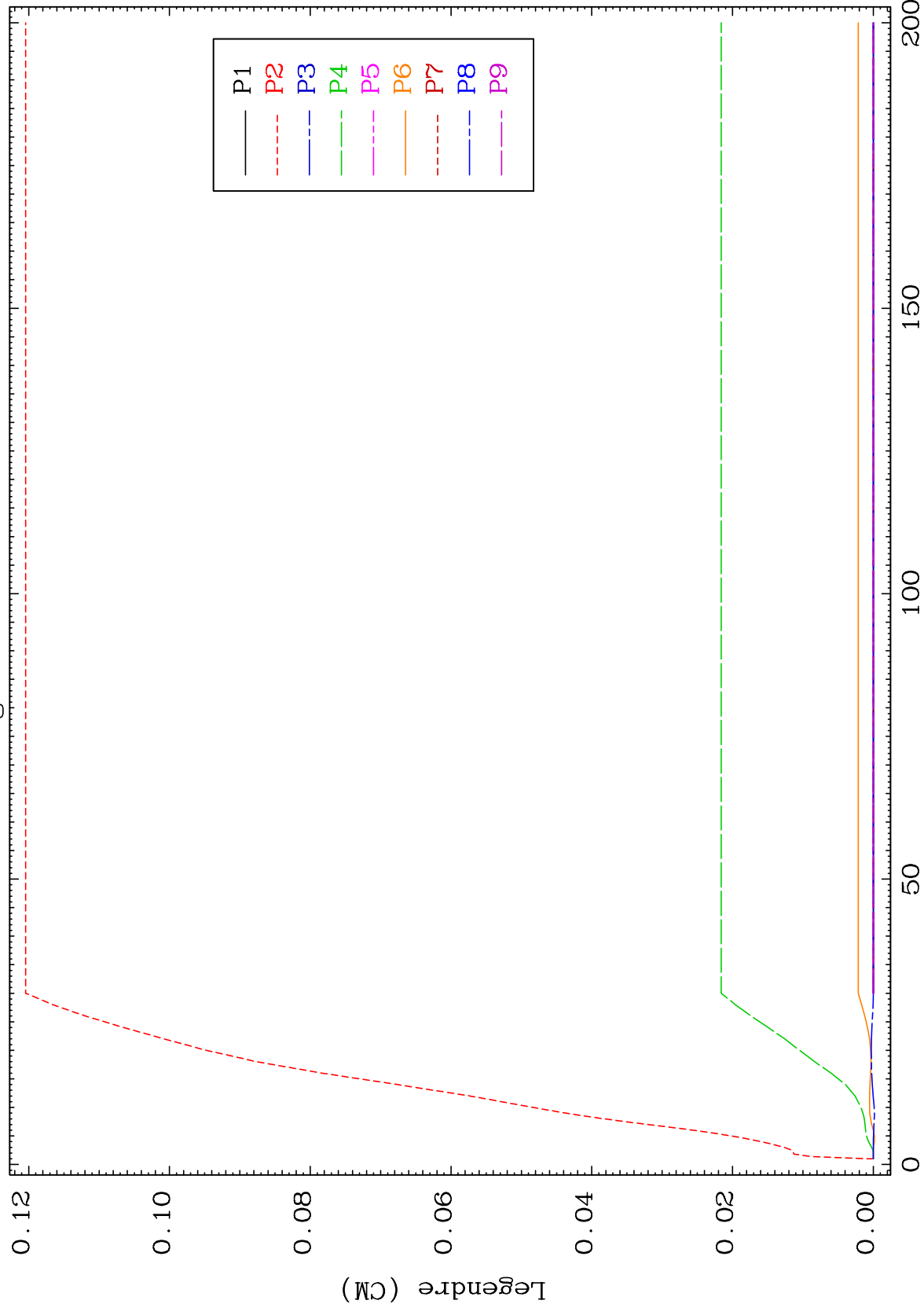
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

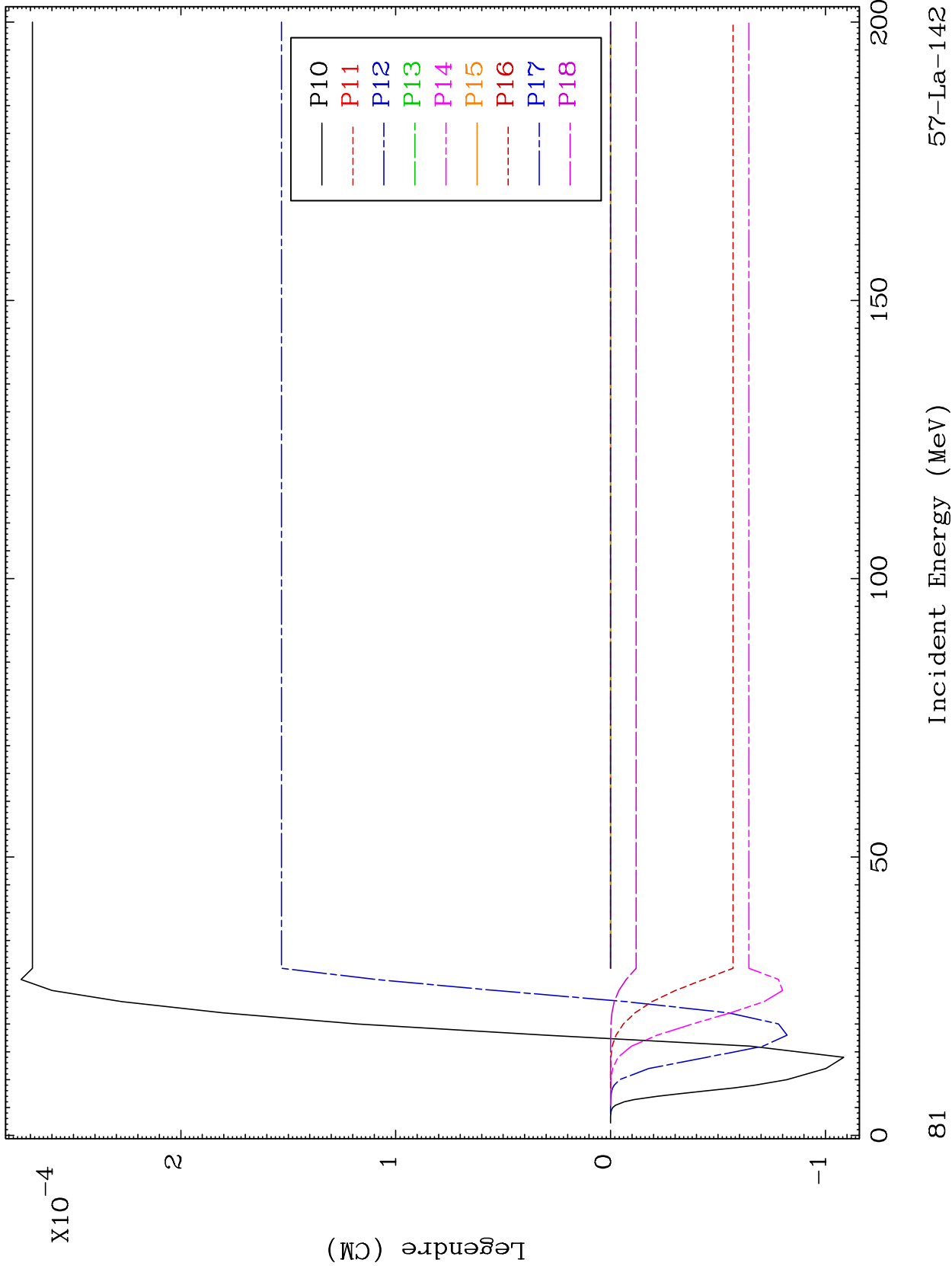
Incident Energy (MeV)

80

MAT 5737

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

57-La-142



57-La-142

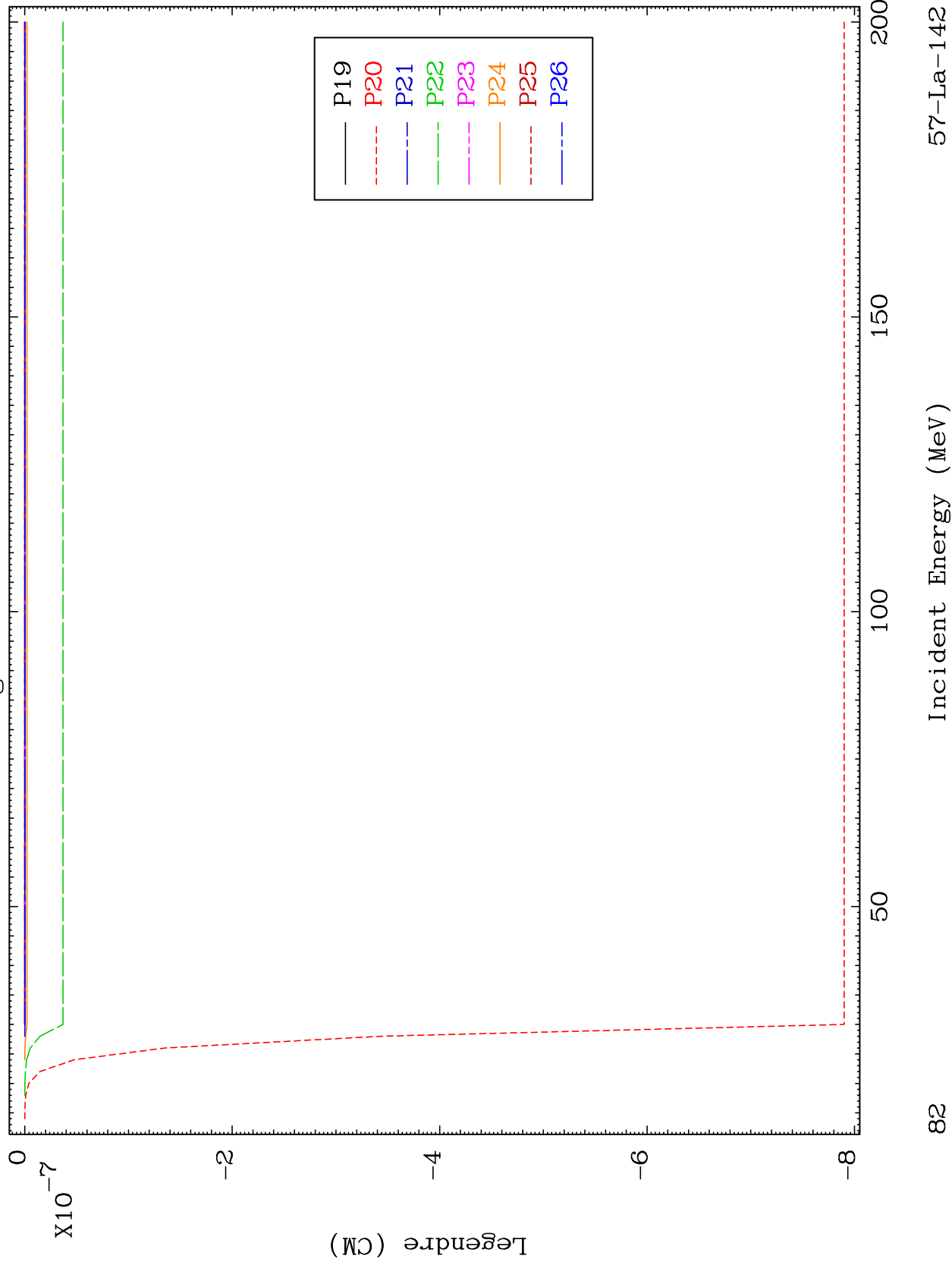
Incident Energy (MeV)

81

MAT 5737

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

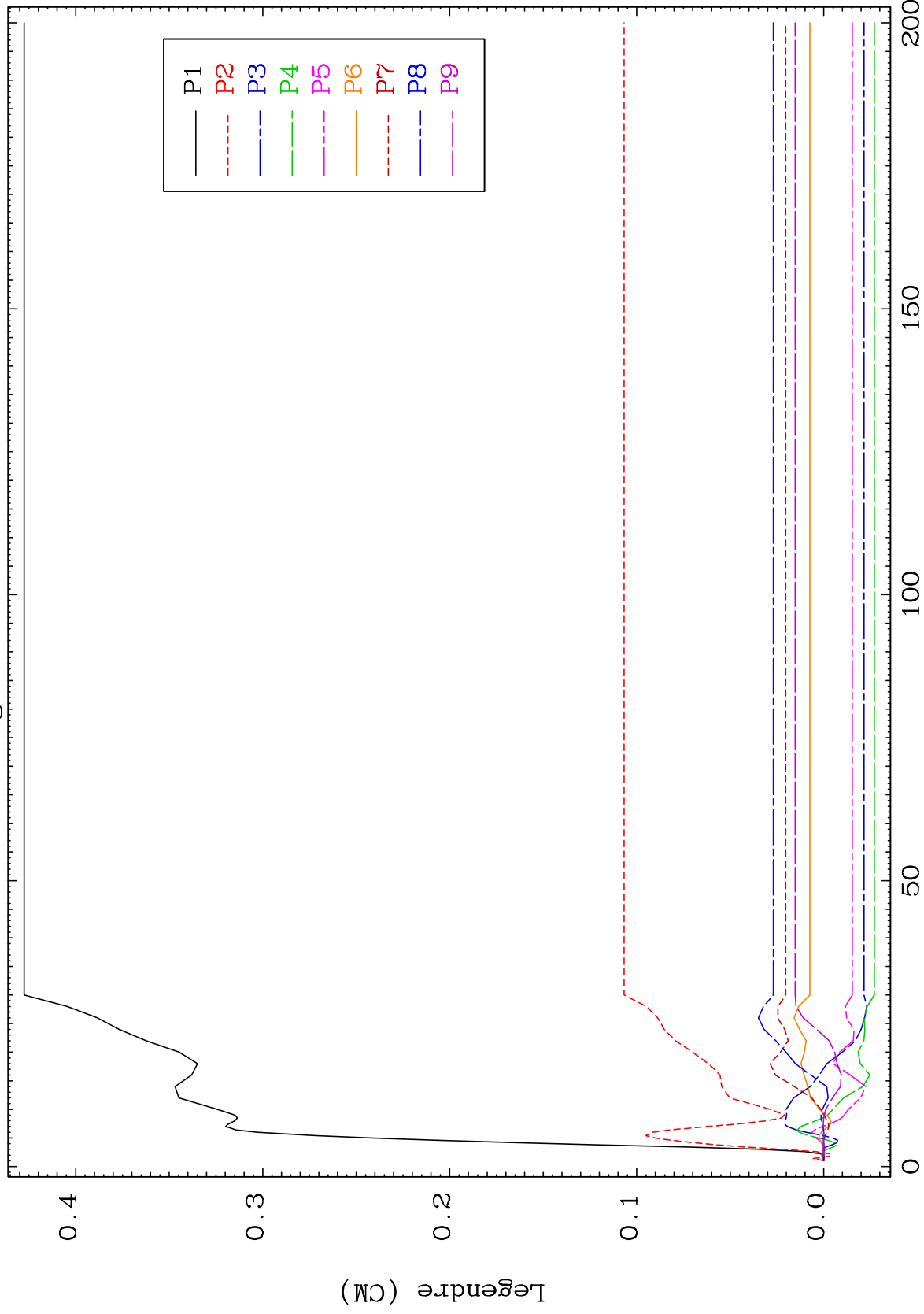
57-La-142



MAT 5737

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

57-La-142



83

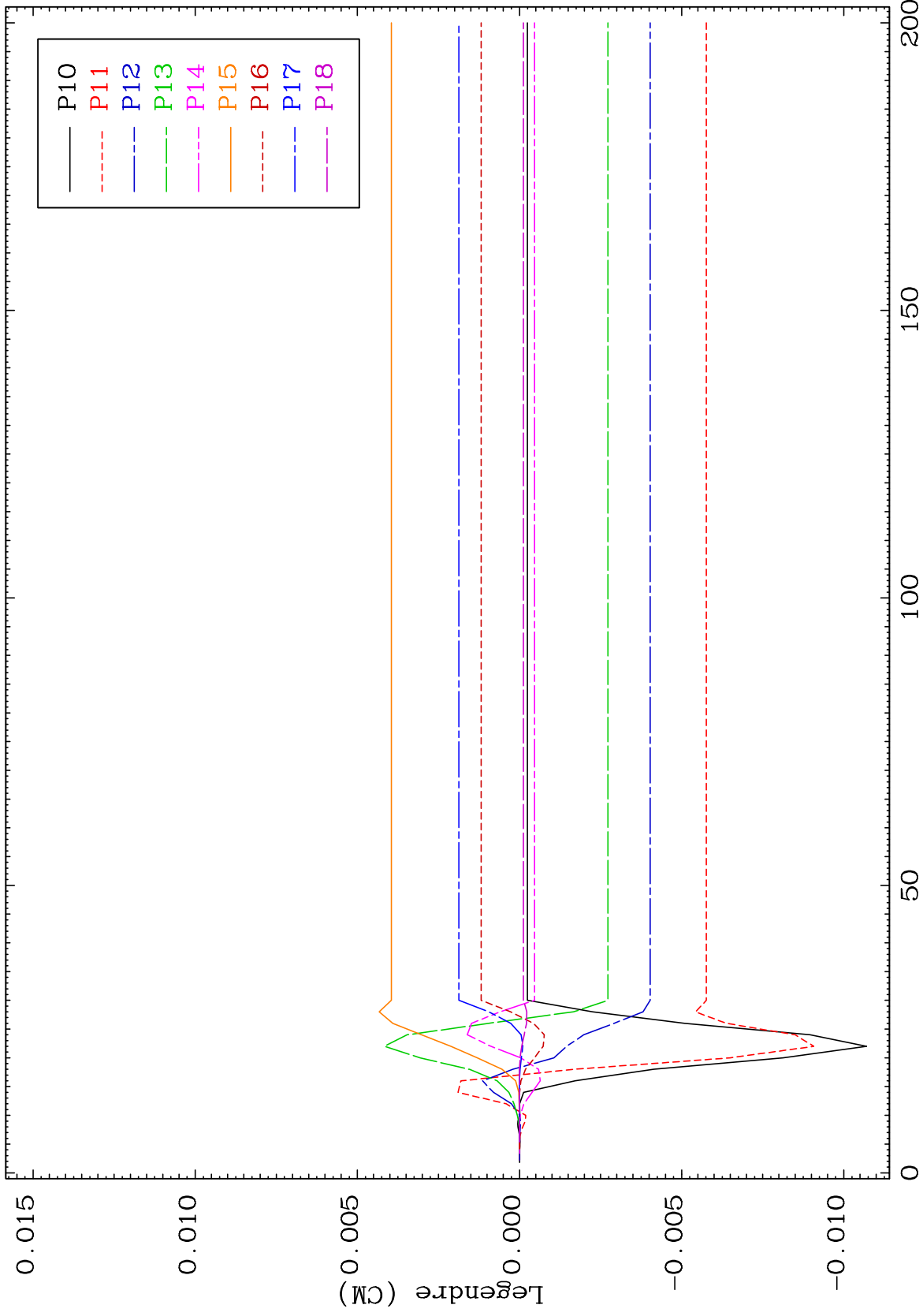
Incident Energy (MeV)

57-La-142

MAT 5737

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

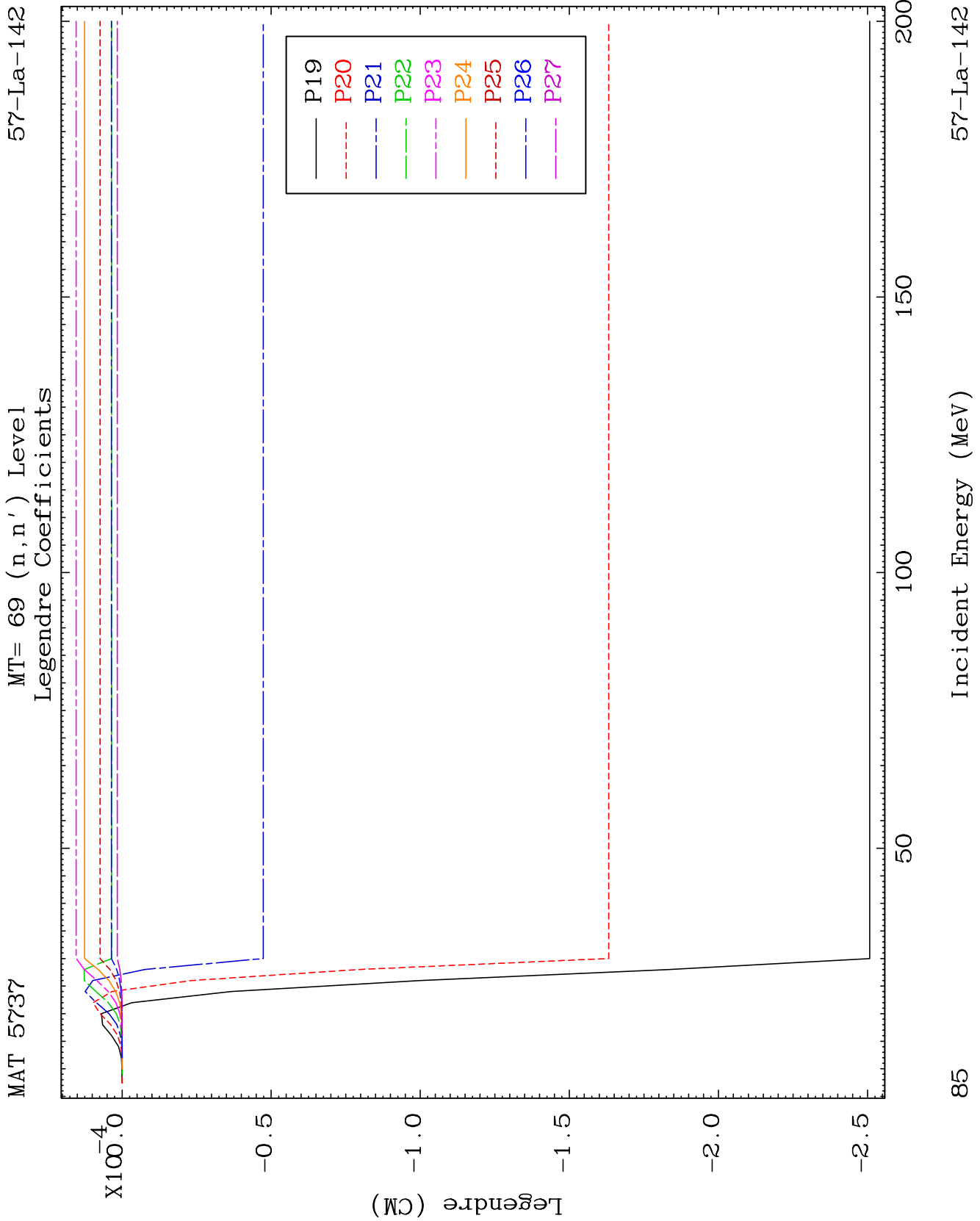
57-La-142



84

Incident Energy (MeV)

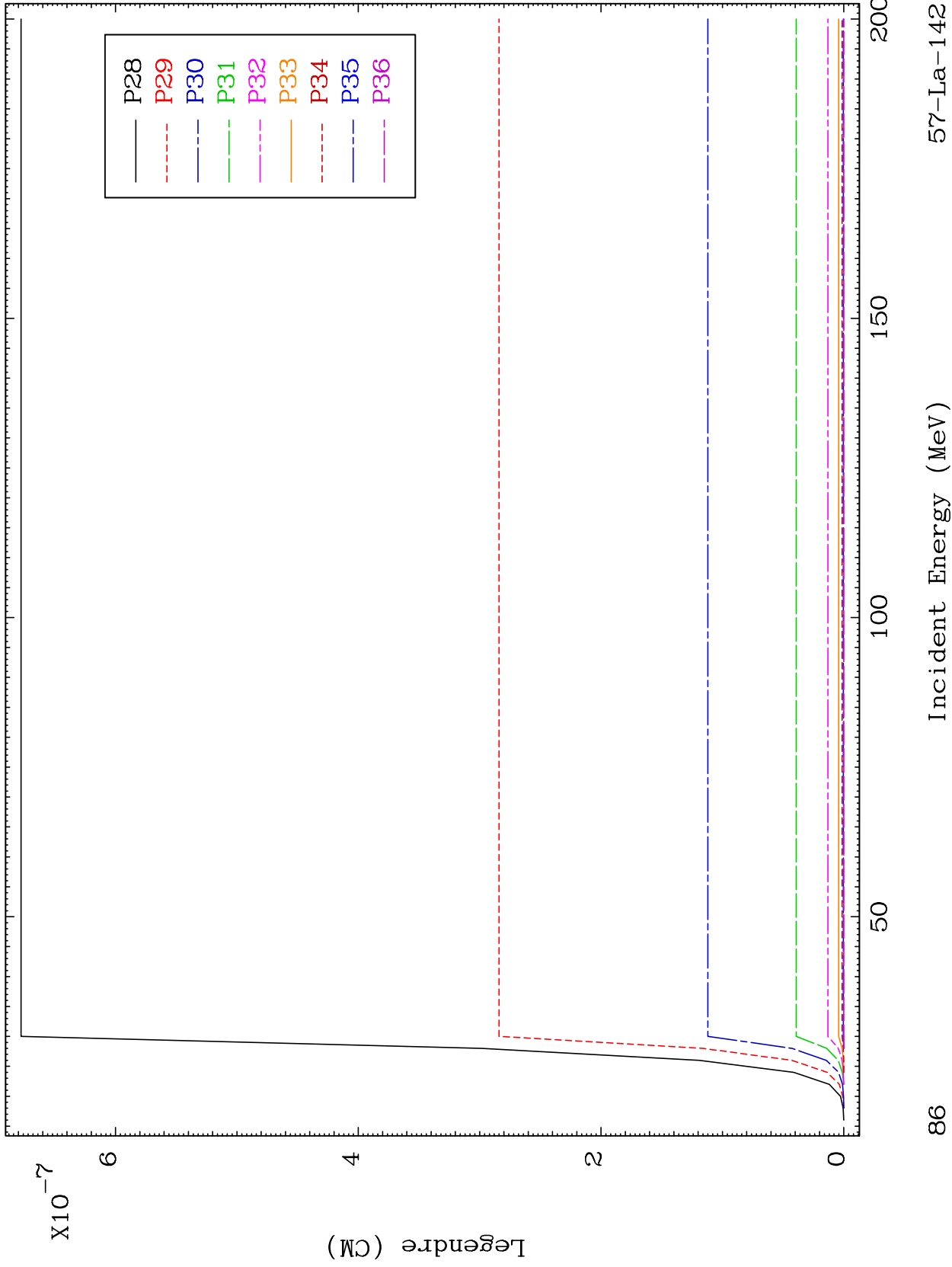
57-La-142



MAT 5737

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

57-La-142



86

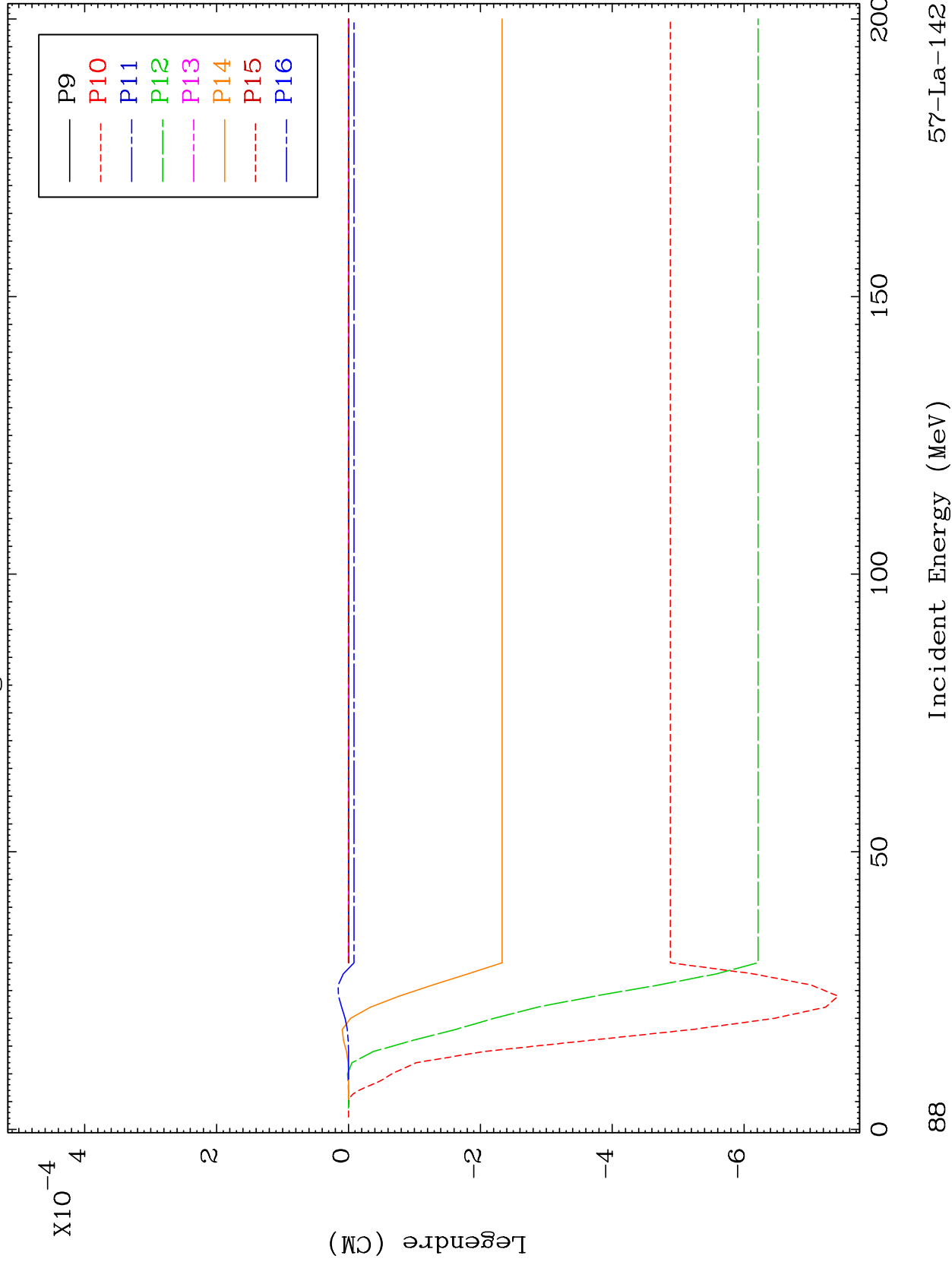
Incident Energy (MeV)

57-La-142

MAT 5737

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

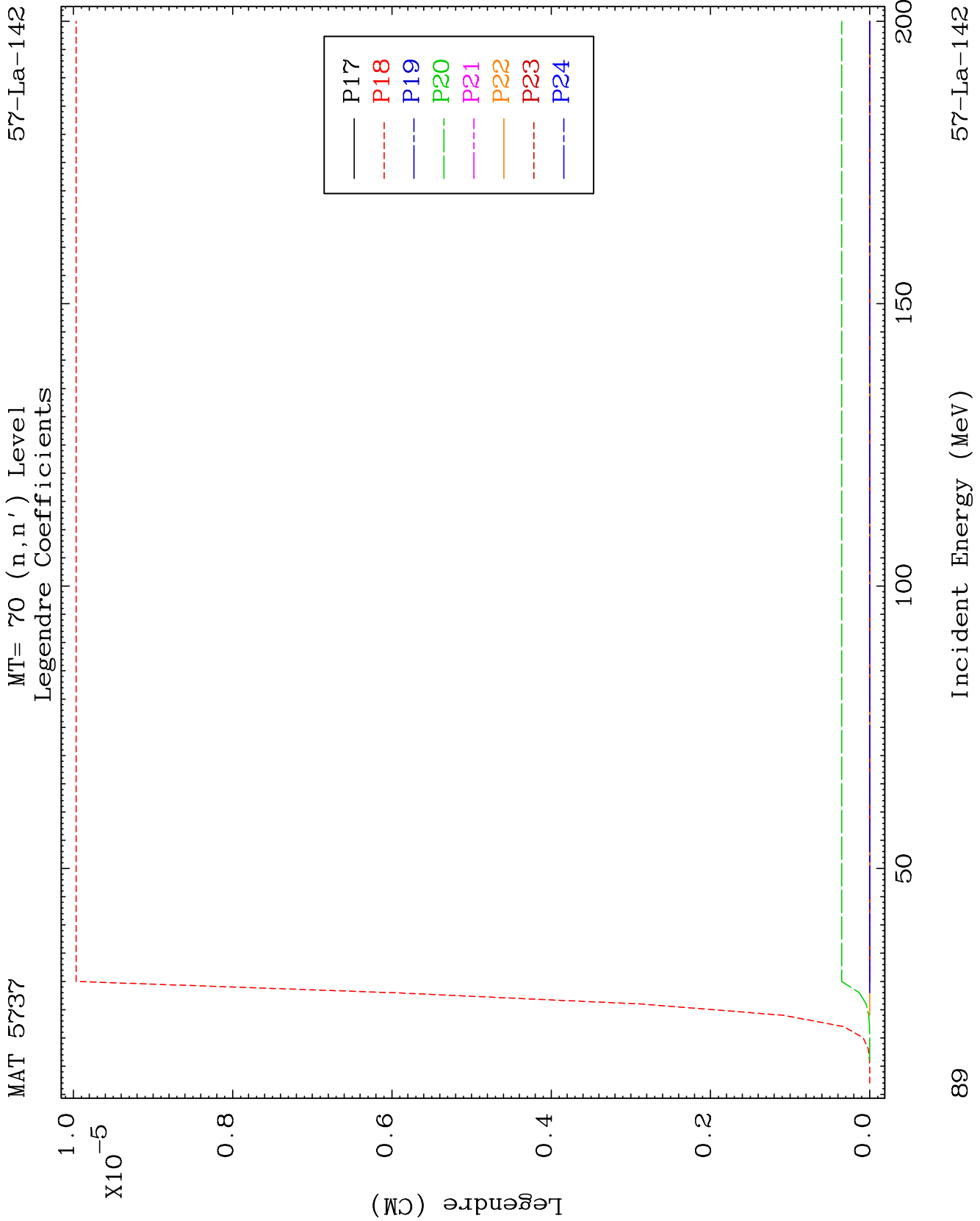
57-La-142



88

Incident Energy (MeV)

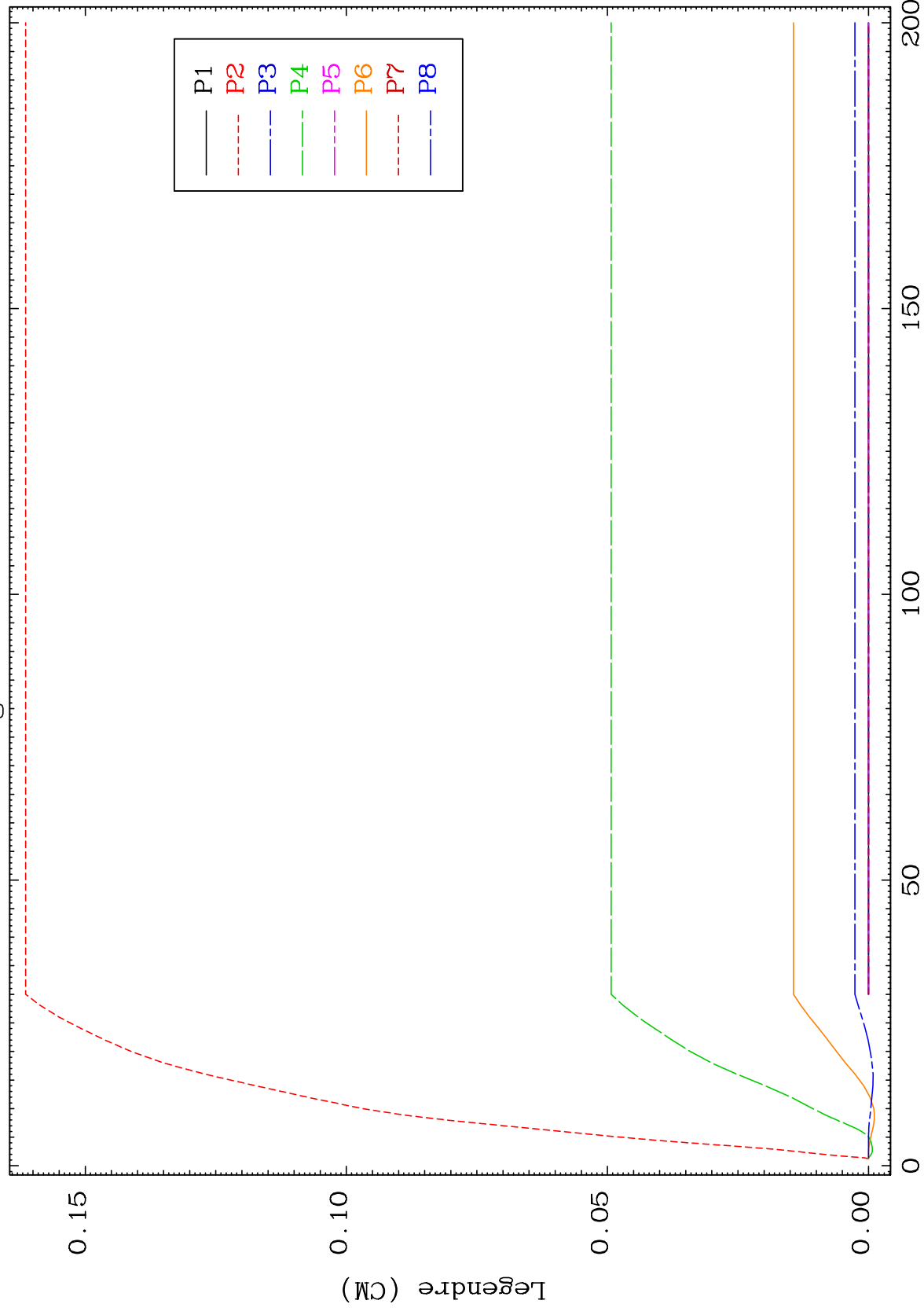
57-La-142



MAT 5737

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

57-La-142



57-La-142

Incident Energy (MeV)

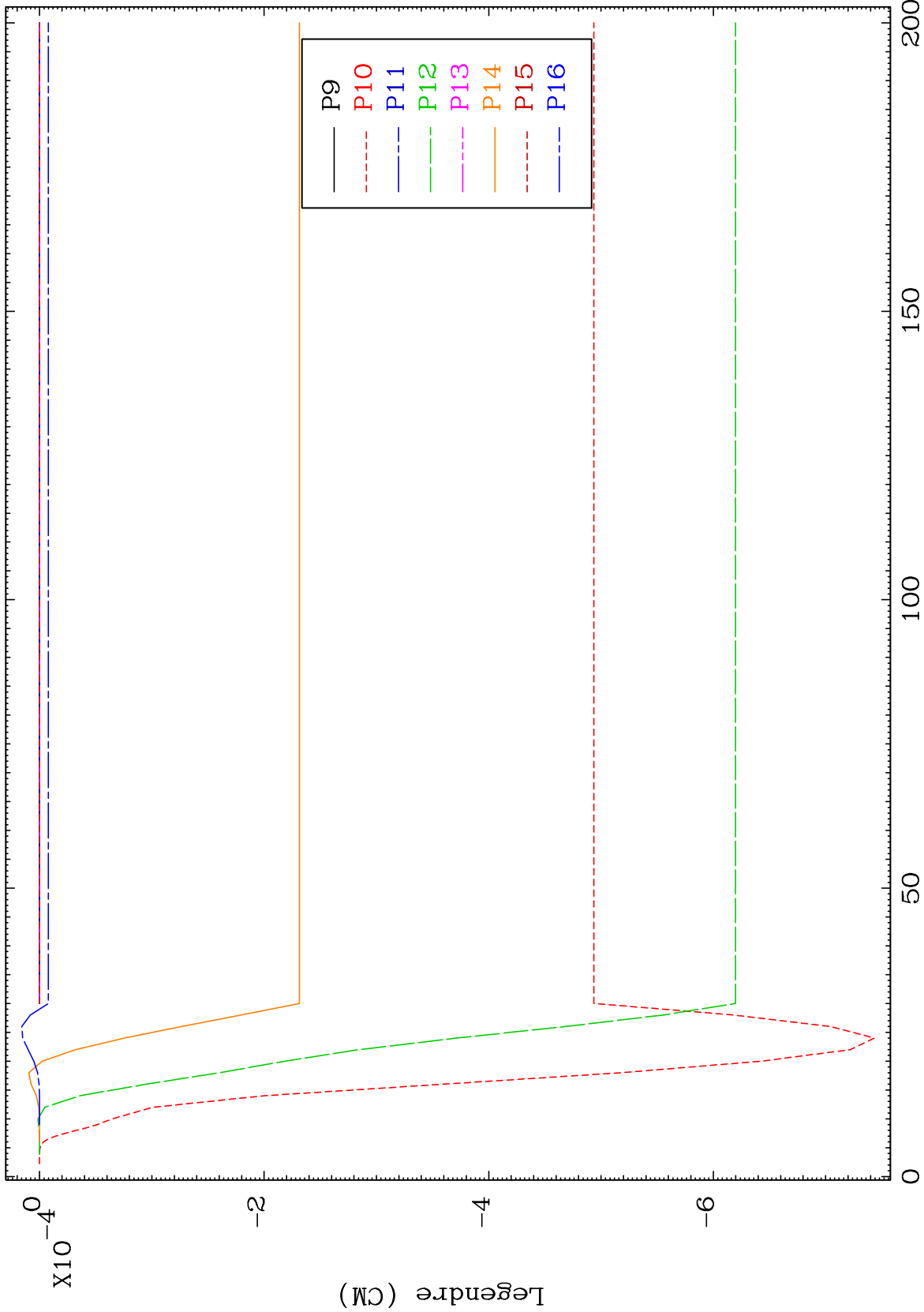
90

MAT 5737

MT= 71 (n,n') Level

57-La-142

Legendre Coefficients



91

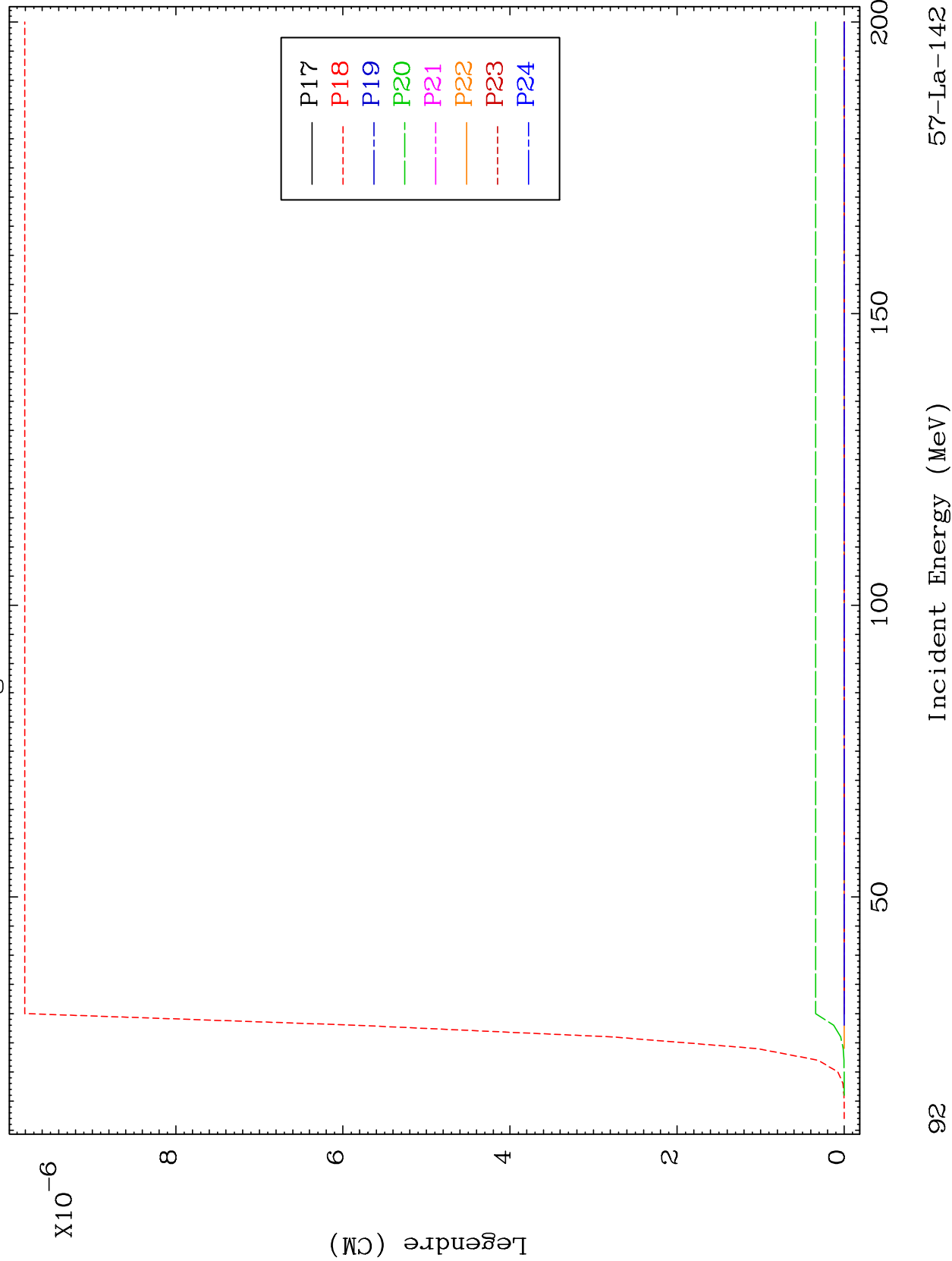
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142

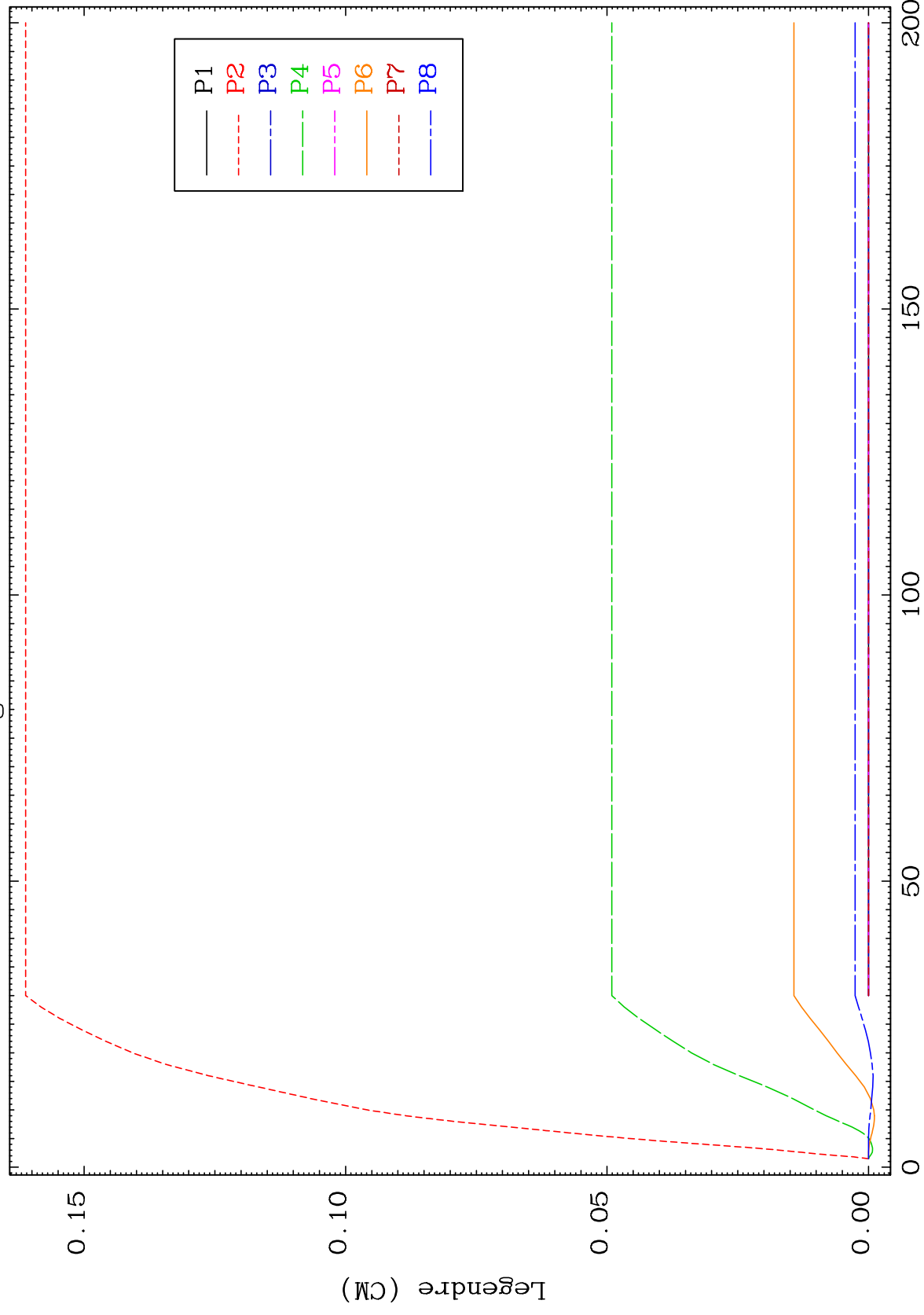


92

MAT 5737

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

57-La-142



93

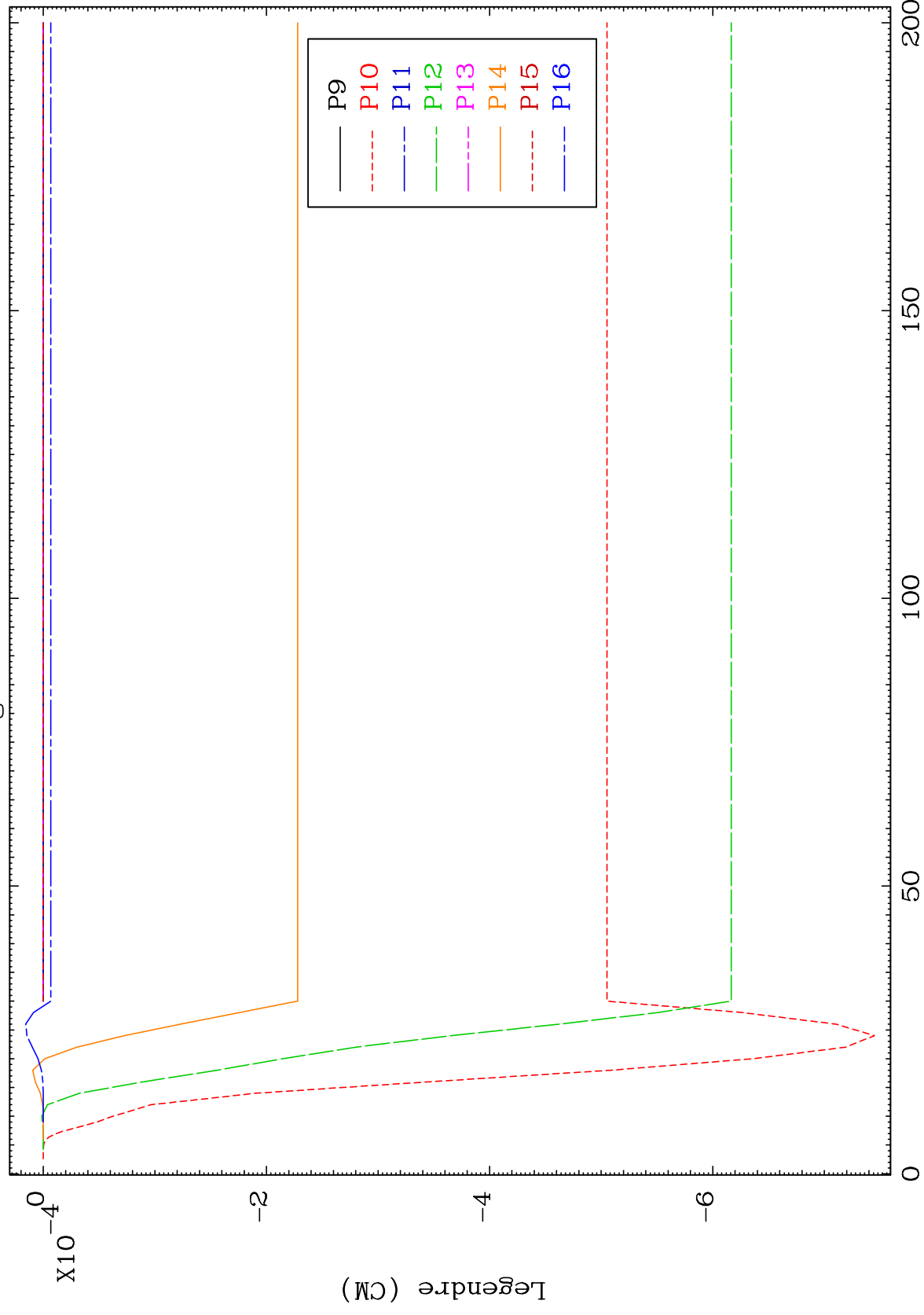
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



94

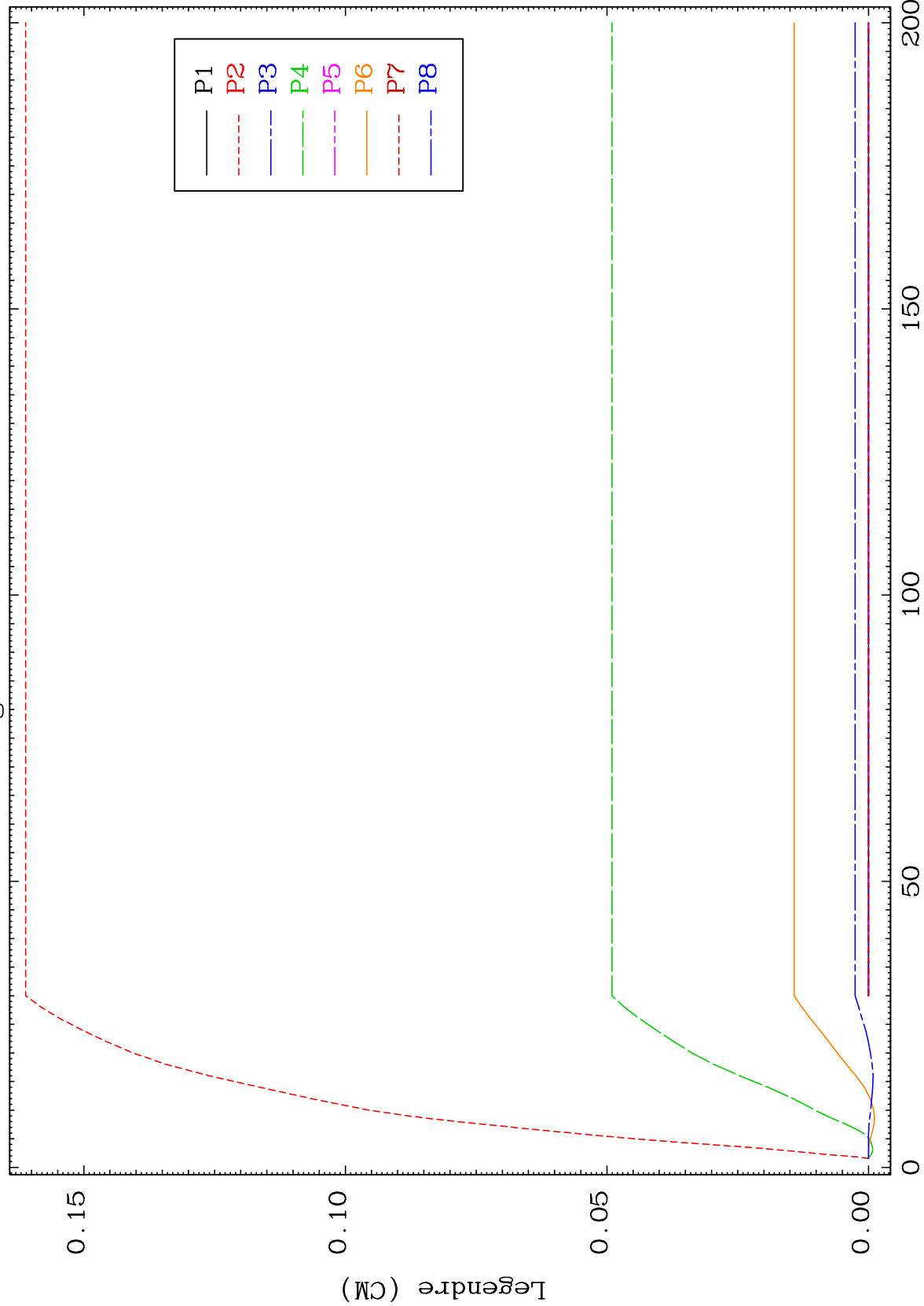
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

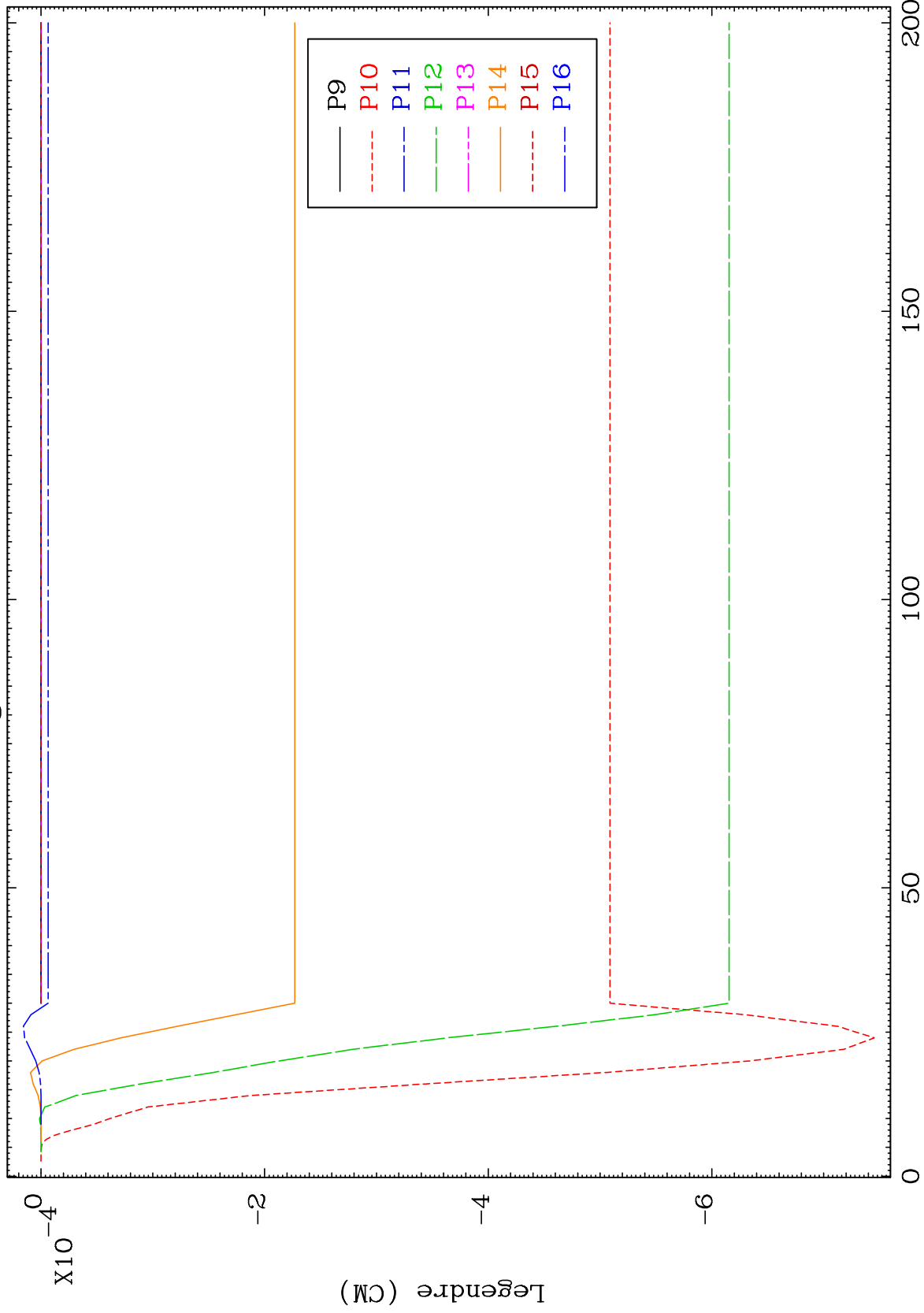
Incident Energy (MeV)

96

MAT 5737

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

57-La-142



97

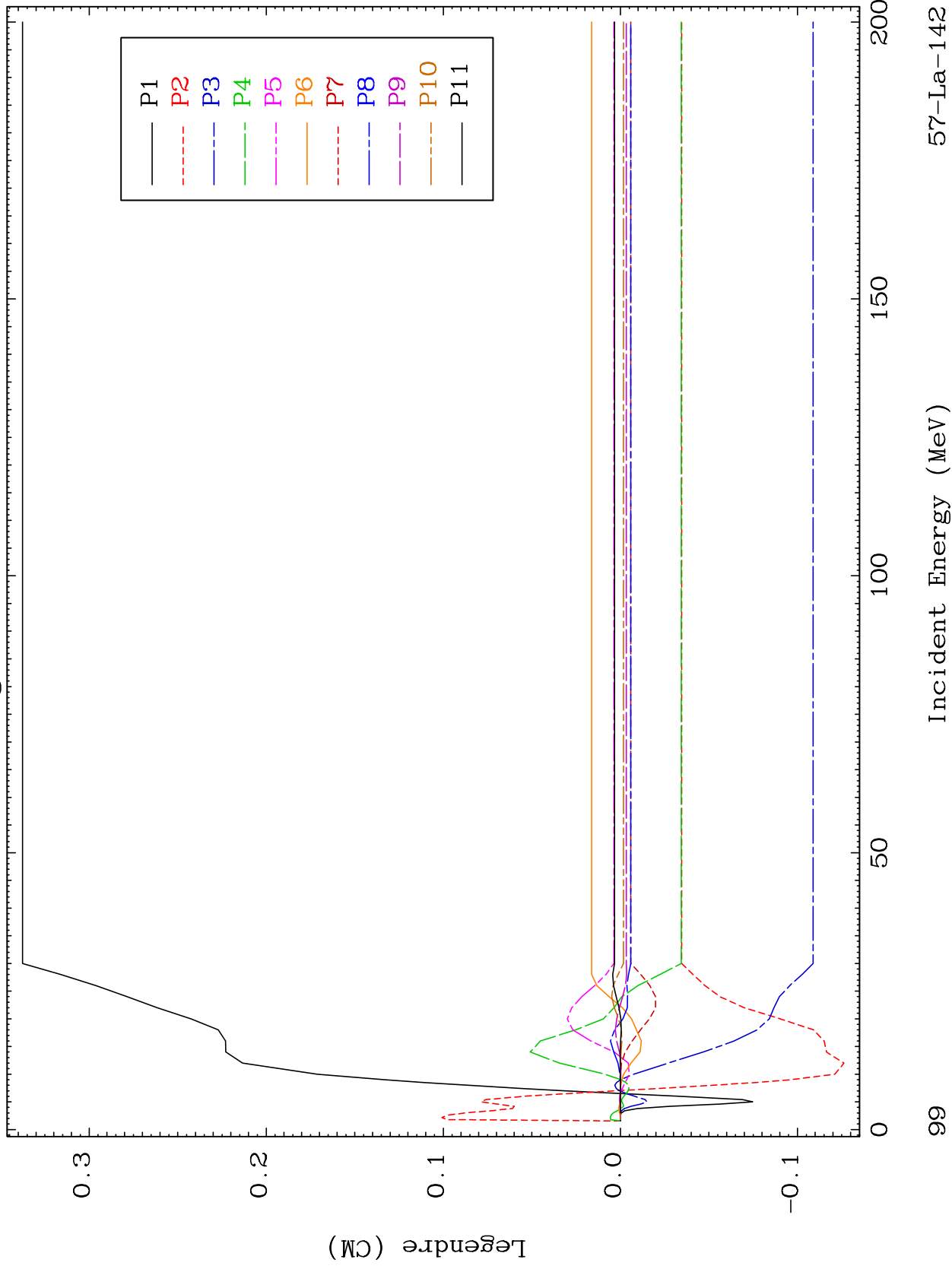
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



57-La-142

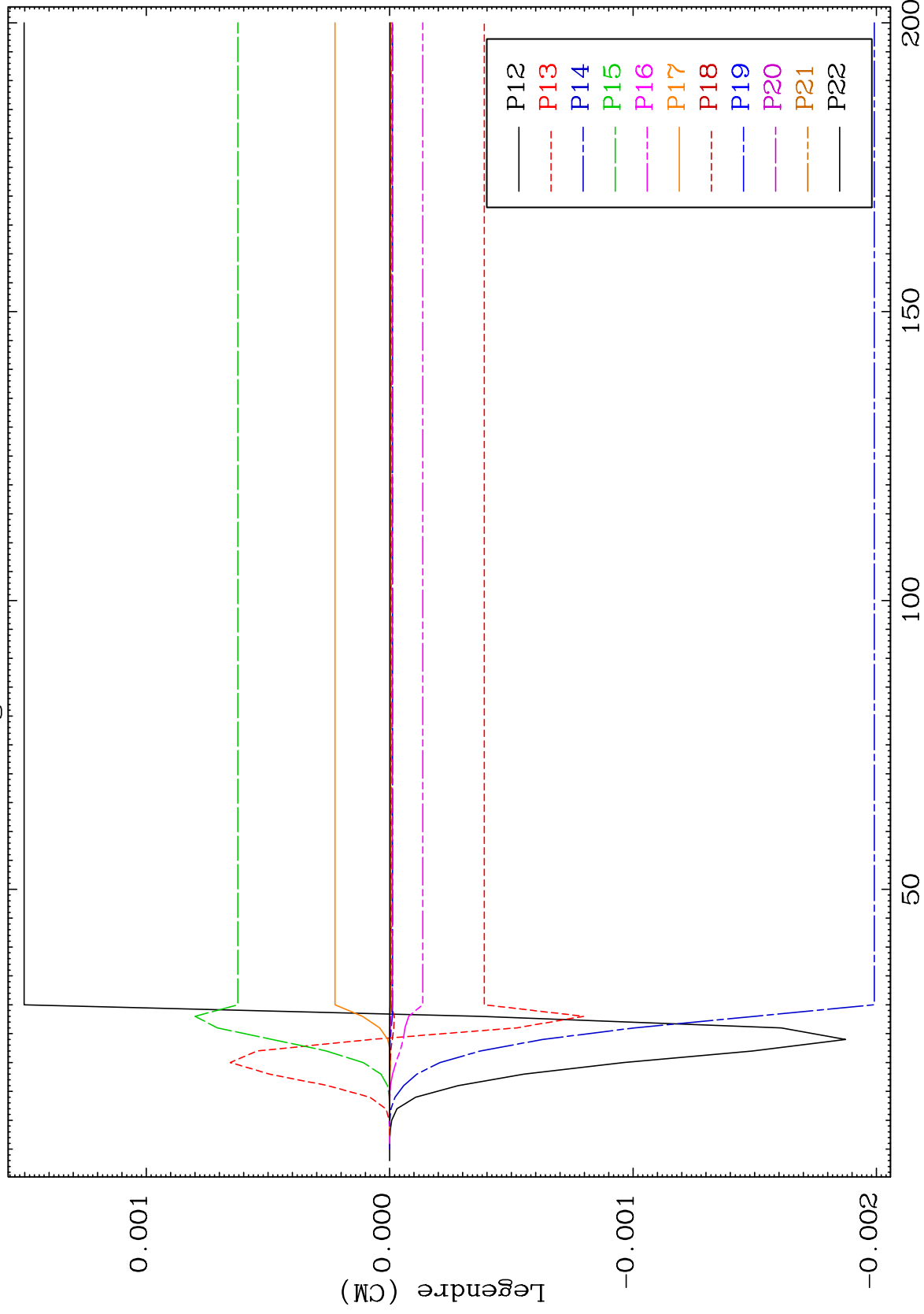
Incident Energy (MeV)

99

MAT 5737

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

57-La-142



100

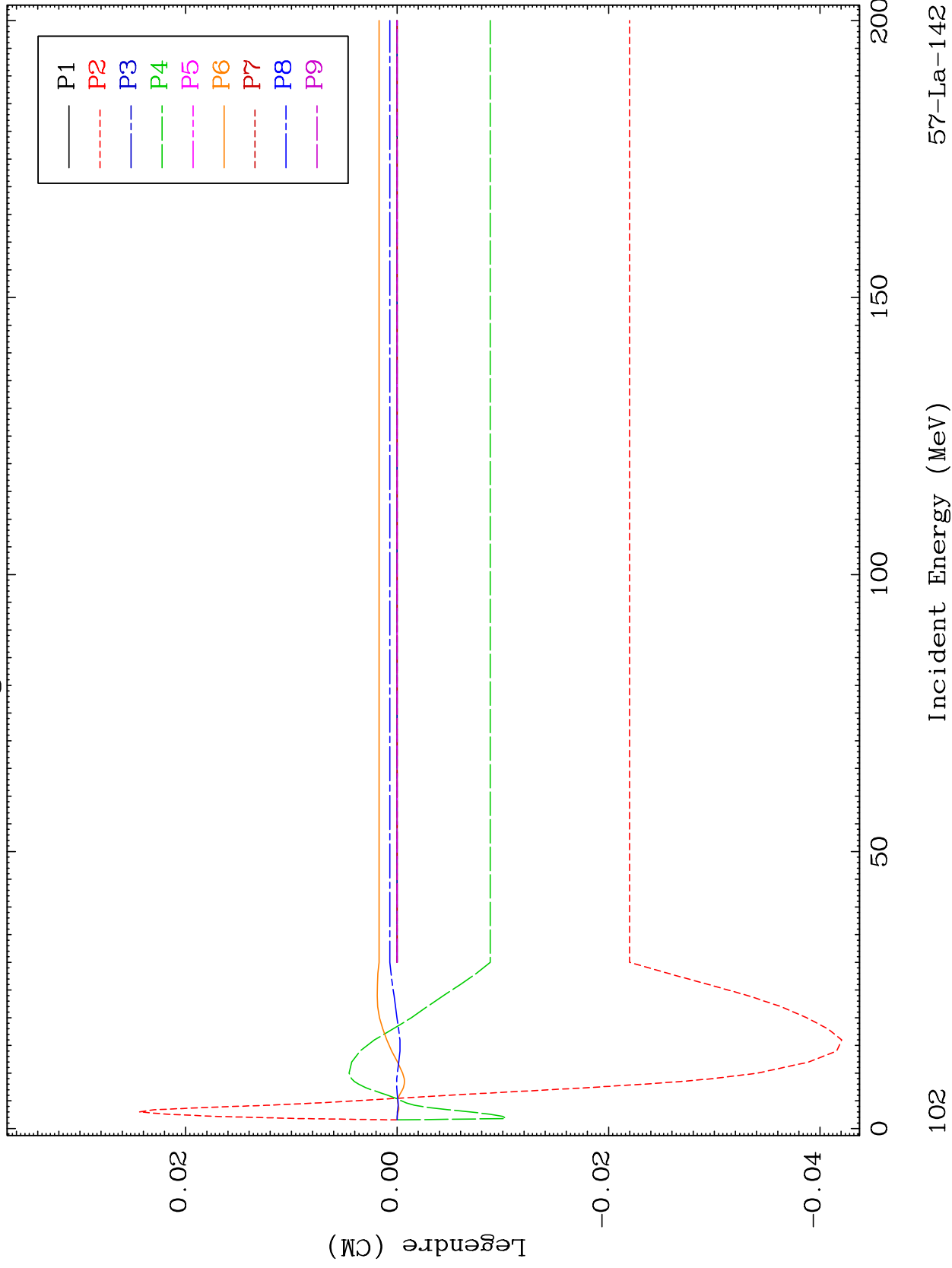
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142

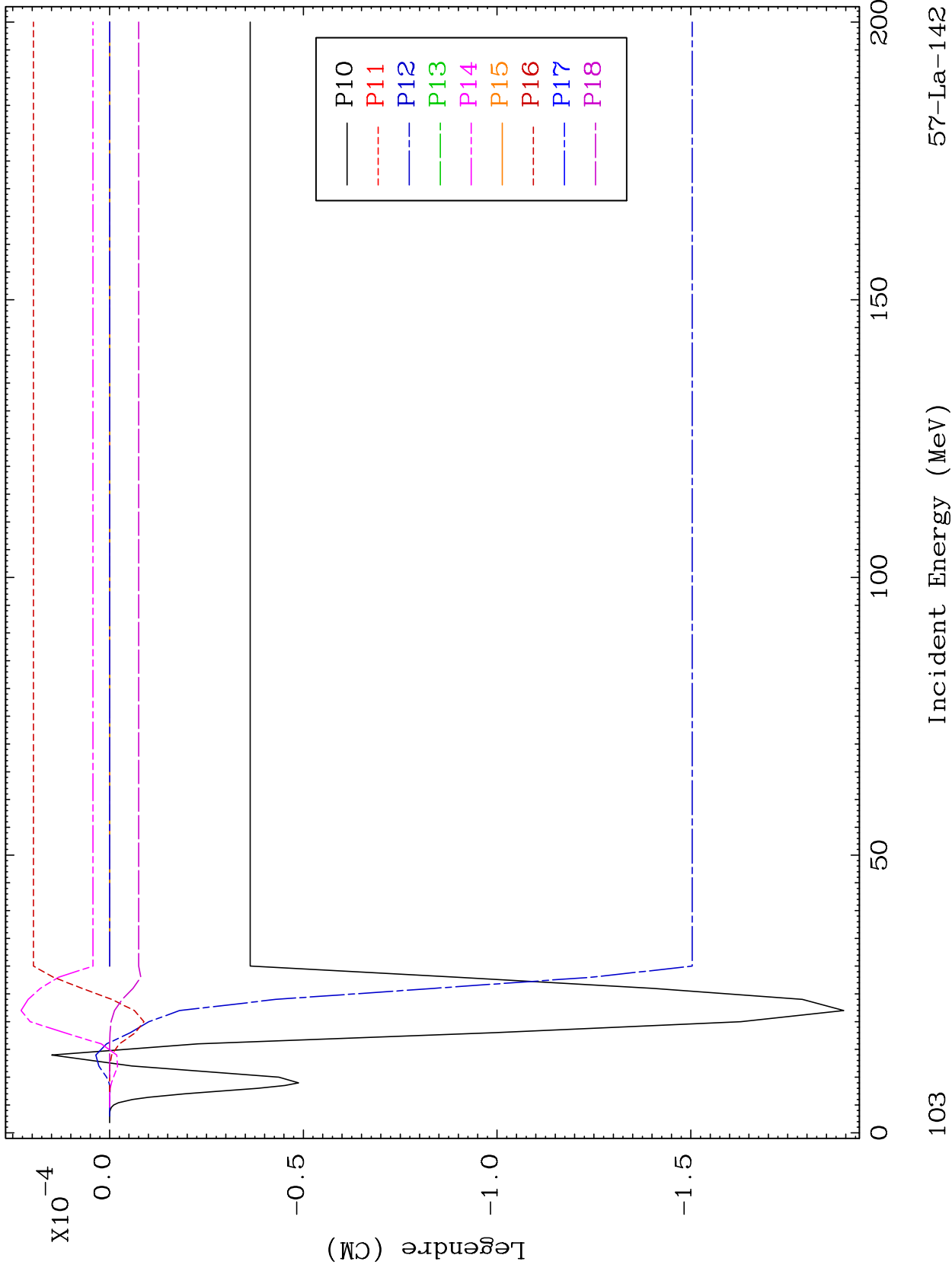


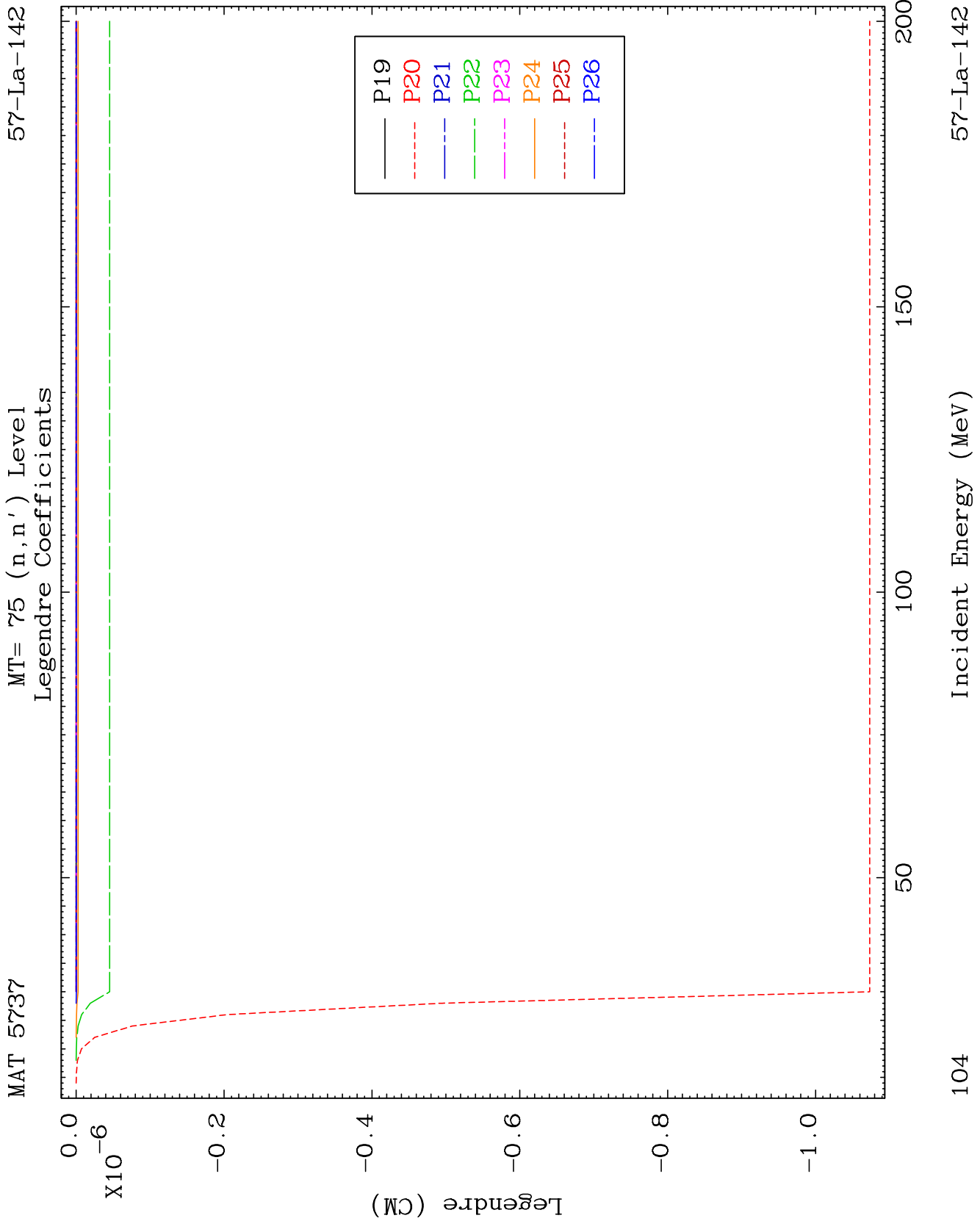
57-La-142

MAT 5737

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

57-La-142

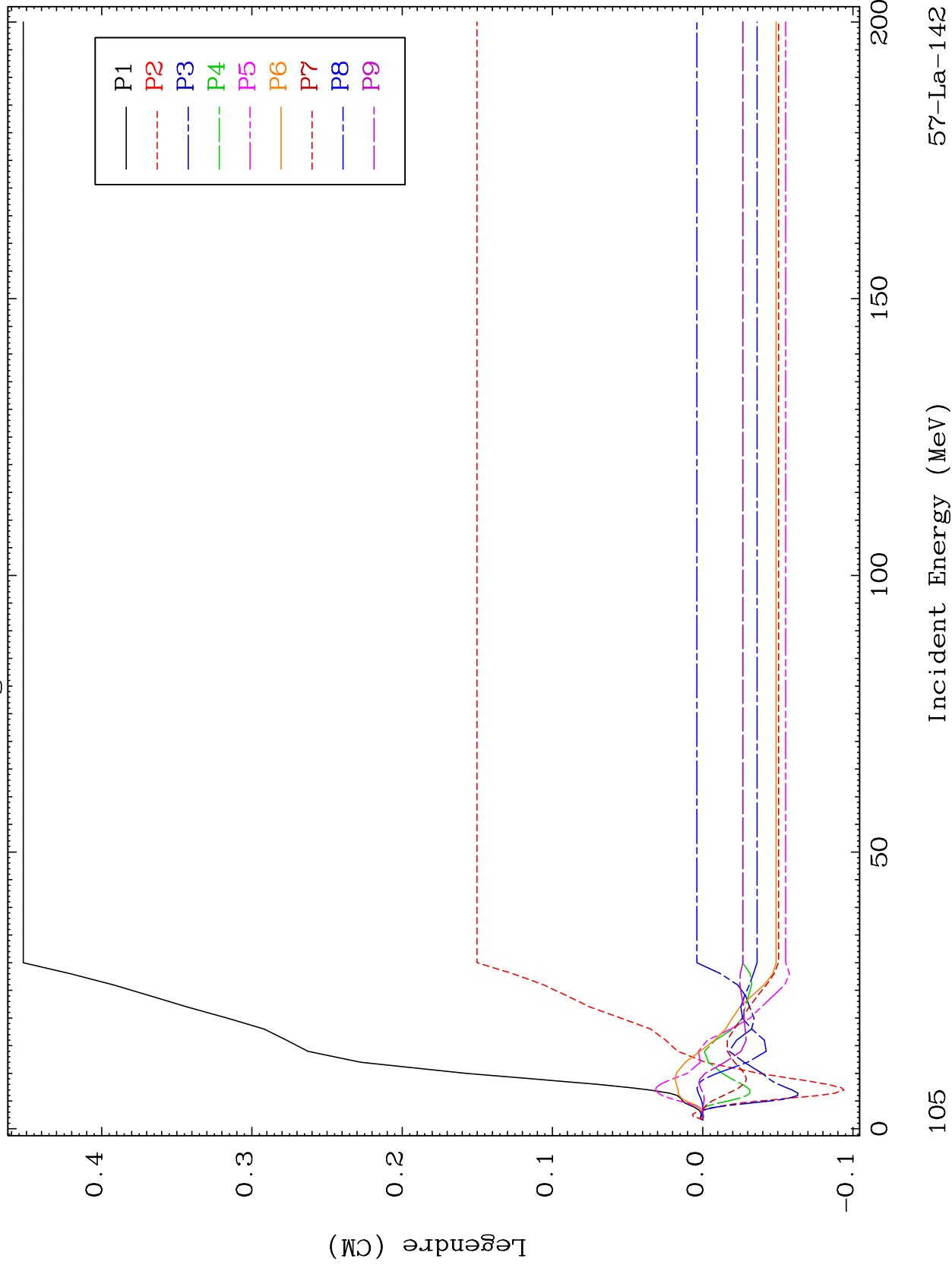




MAT 5737

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

57-La-142



57-La-142

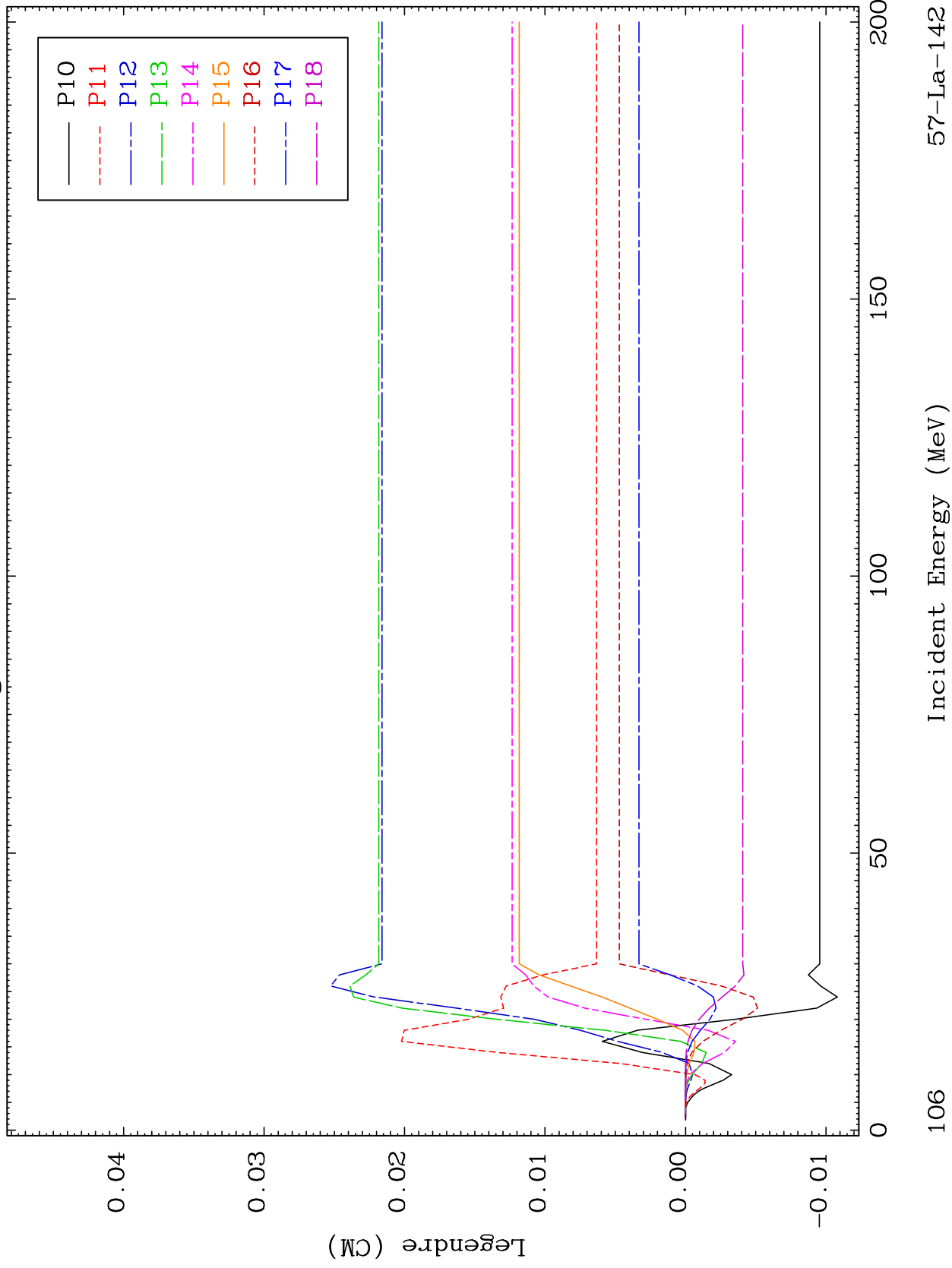
Incident Energy (MeV)

105

MAT 5737

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

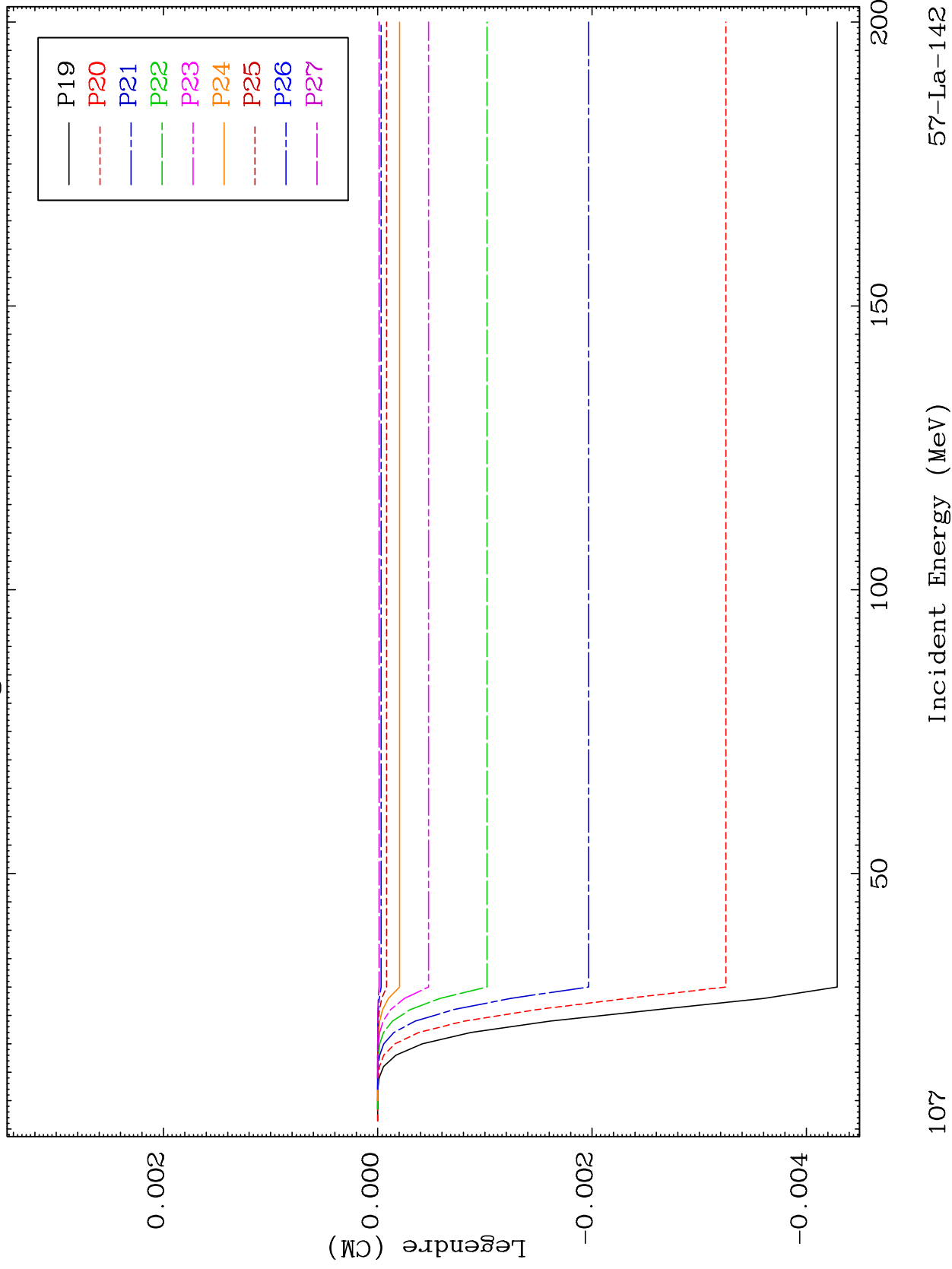
57-La-142



MAT 5737

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

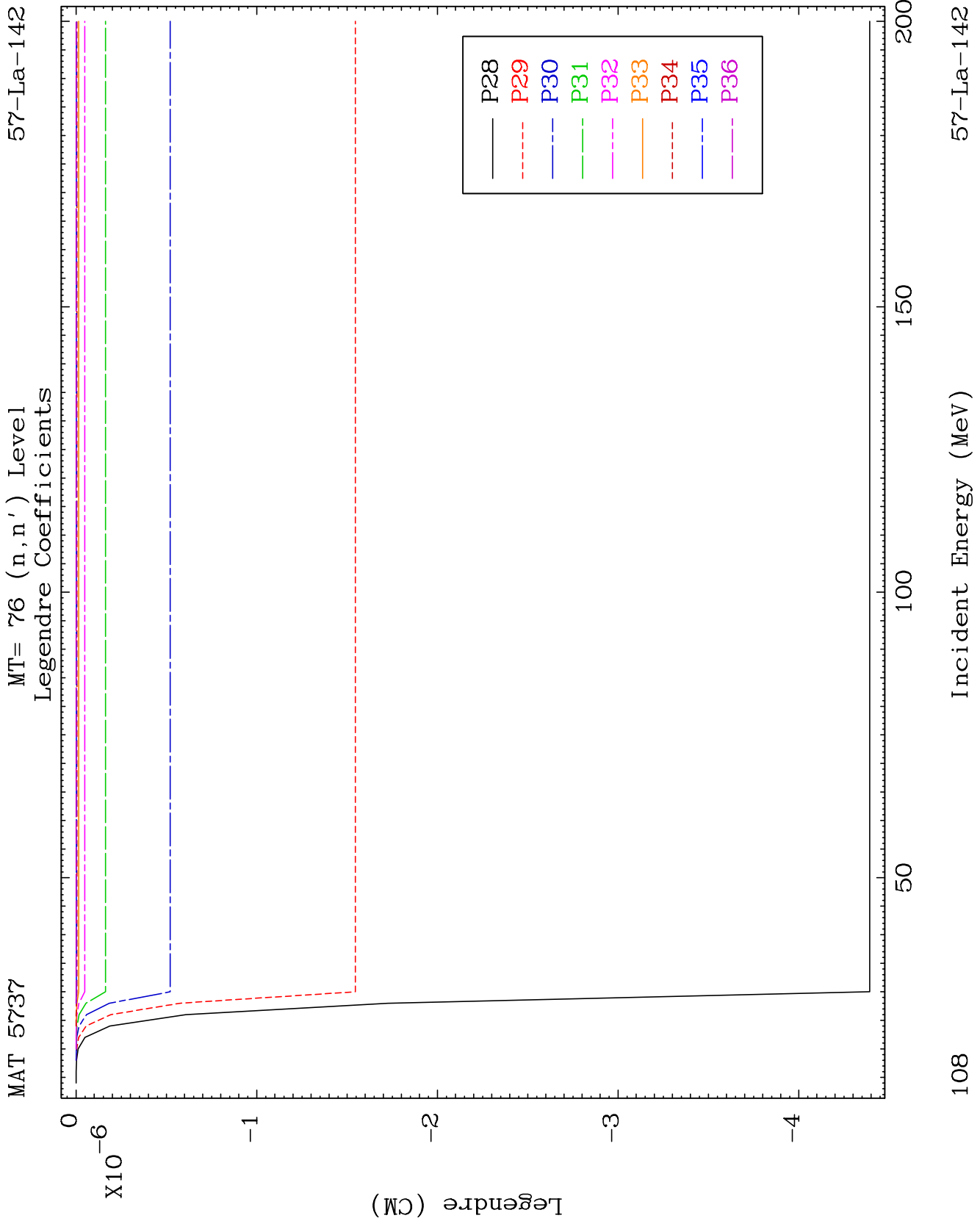
57-La-142

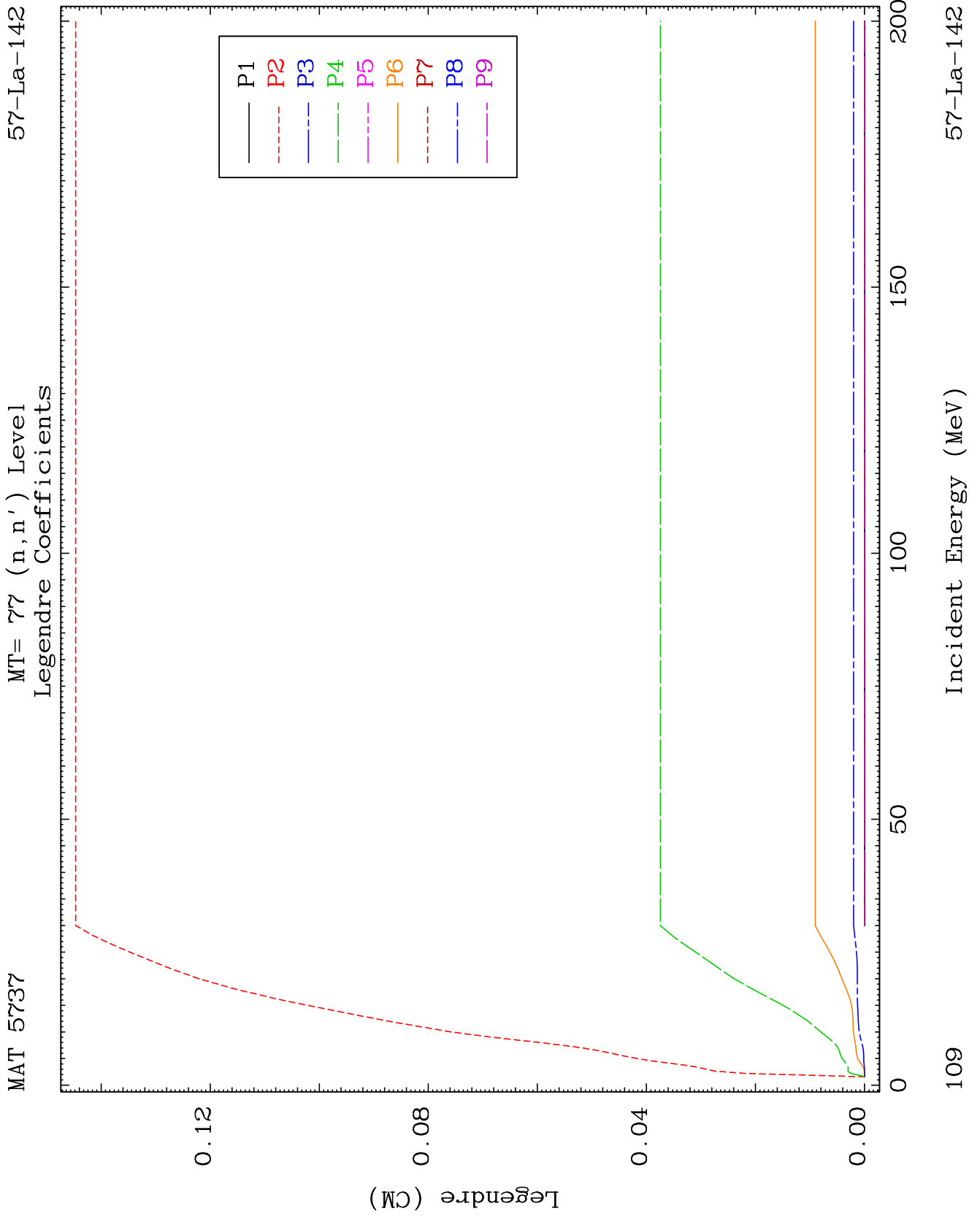


107

Incident Energy (MeV)

57-La-142

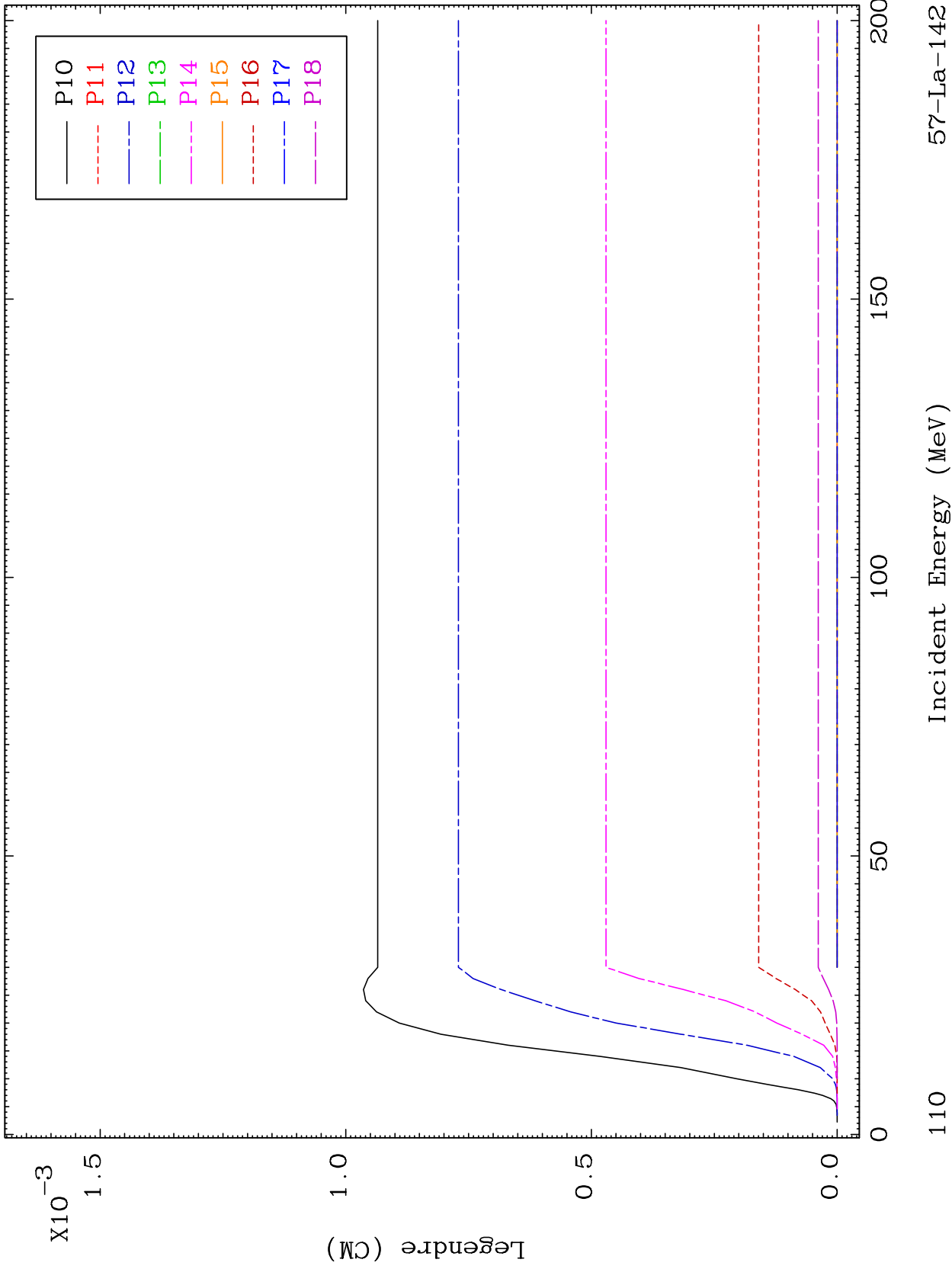




MAT 5737

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

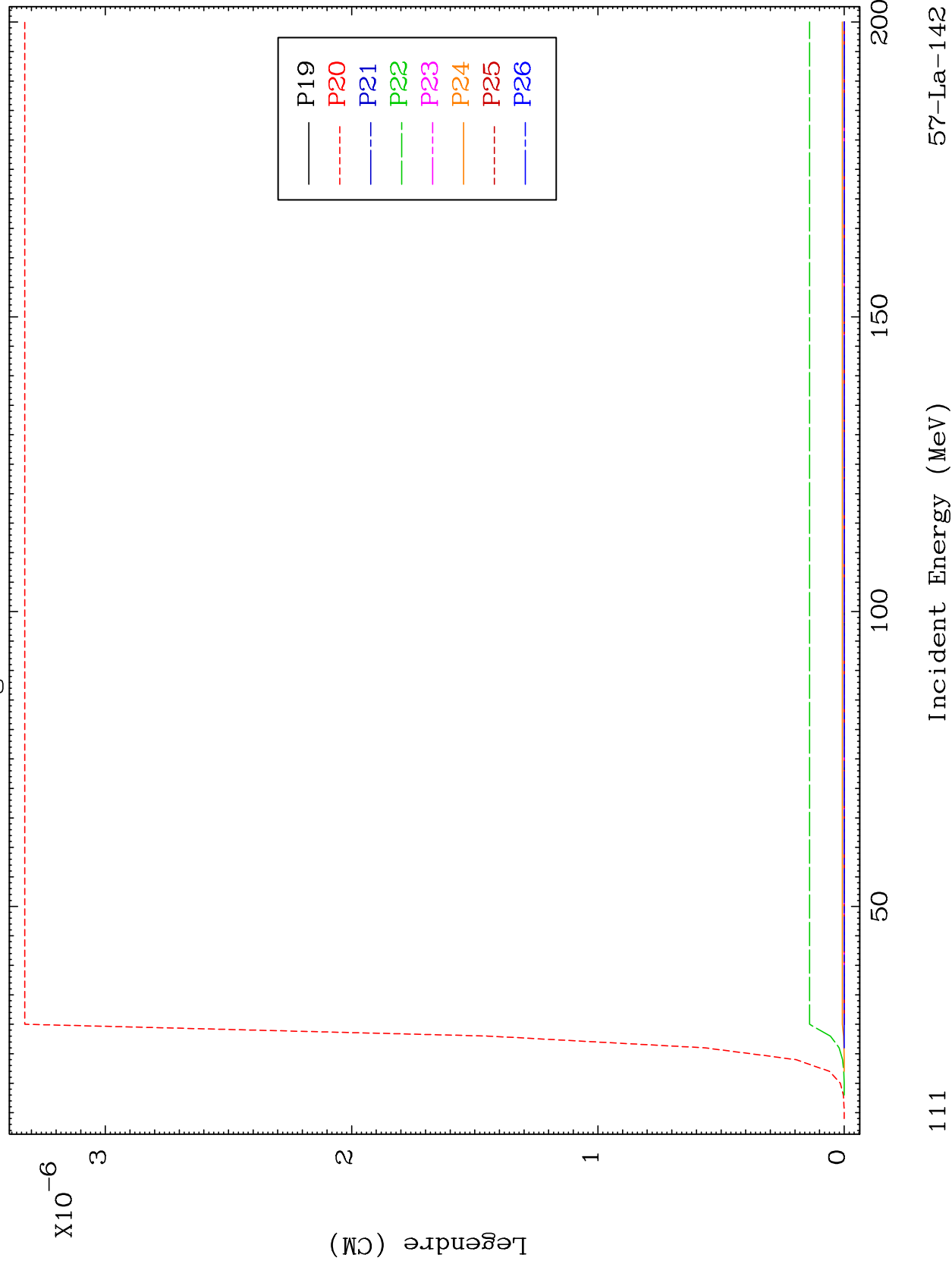
57-La-142

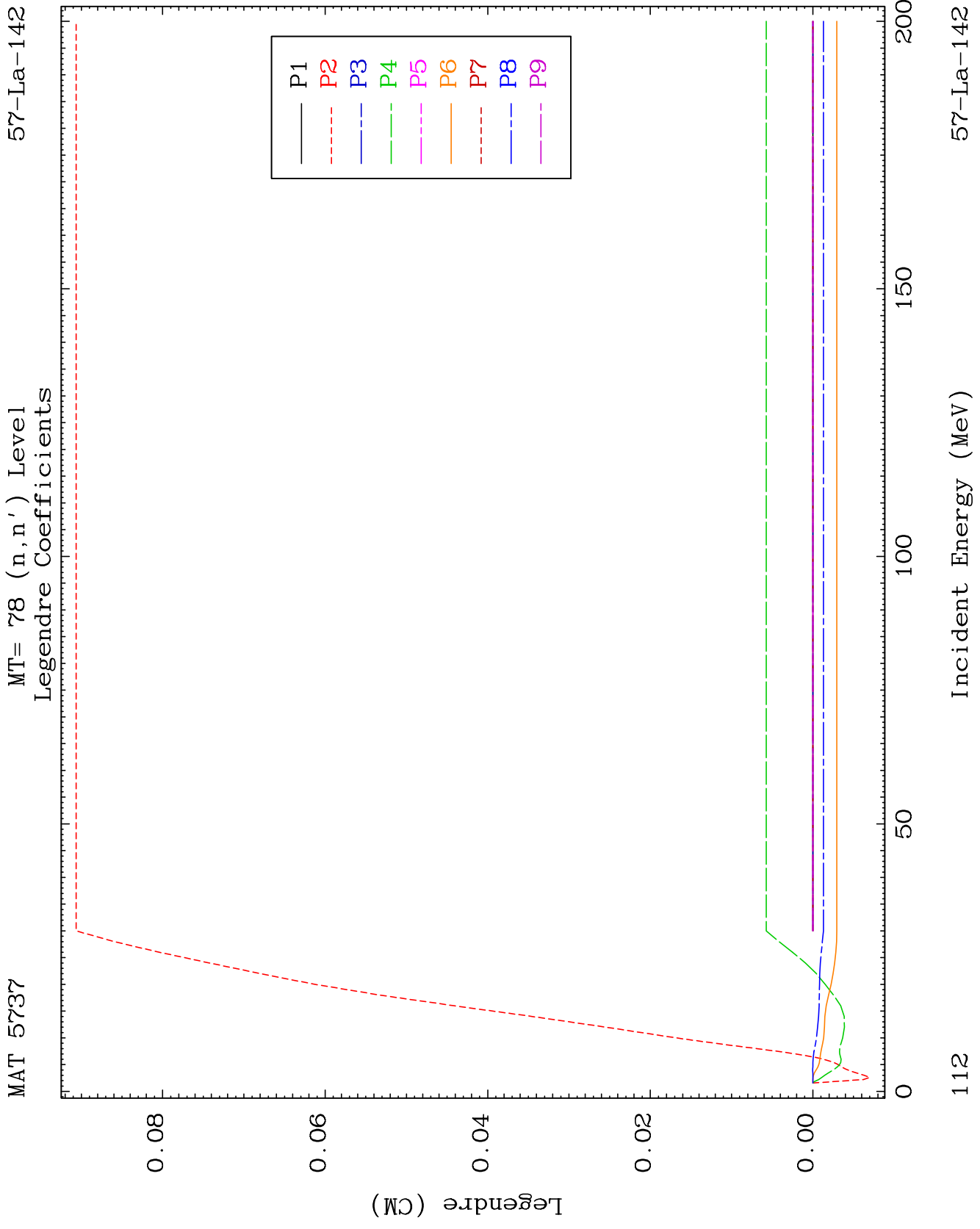


MAT 5737

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

57-La-142





57-La-142

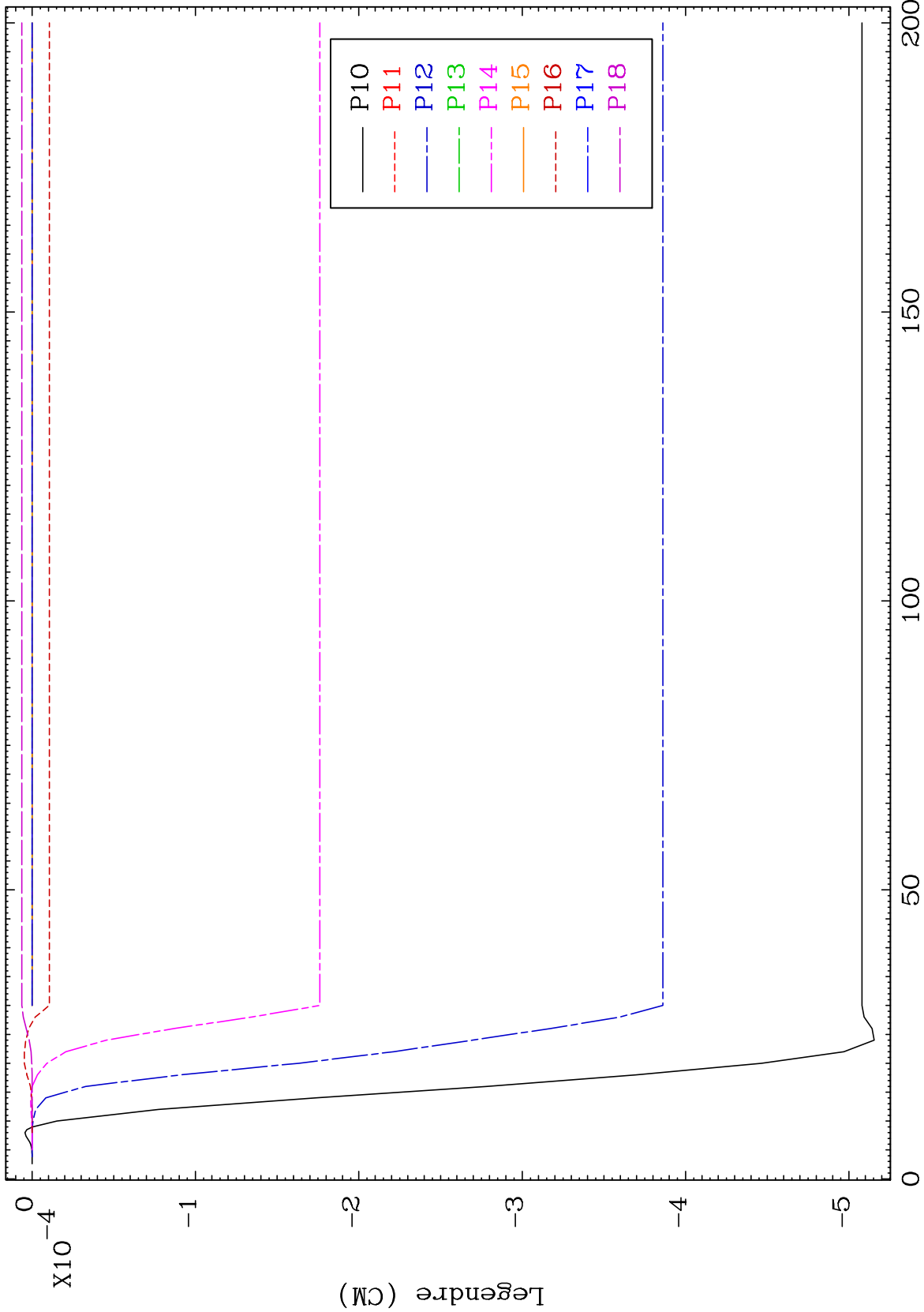
Incident Energy (MeV)

112

MAT 5737

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

57-La-142



113

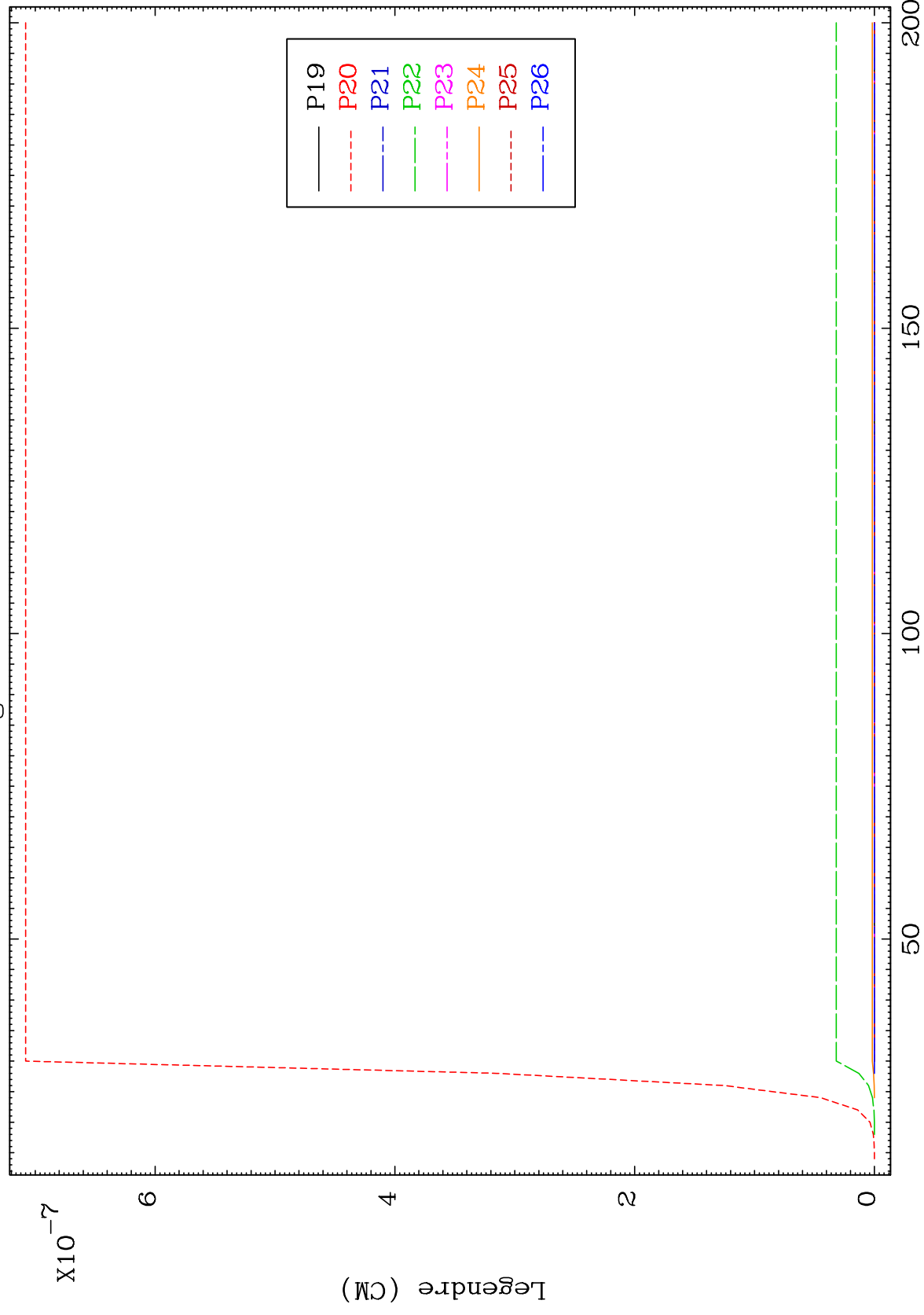
Incident Energy (MeV)

57-La-142

MAT 5737

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

57-La-142



114

Incident Energy (MeV)

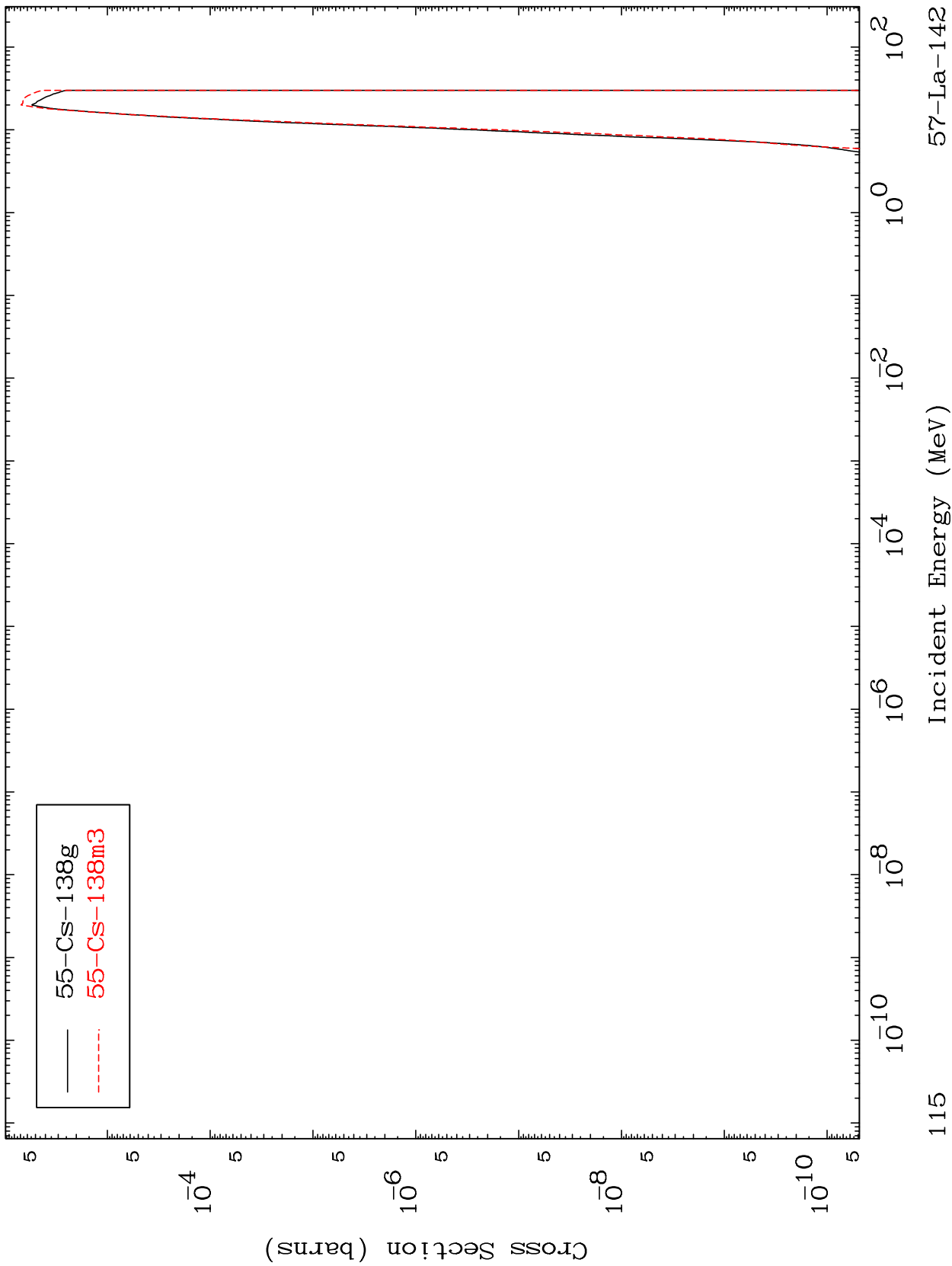
57-La-142

MAT 5737

$(n, n') \alpha$

57-La-142

Radionuclide Production Cross Section



115

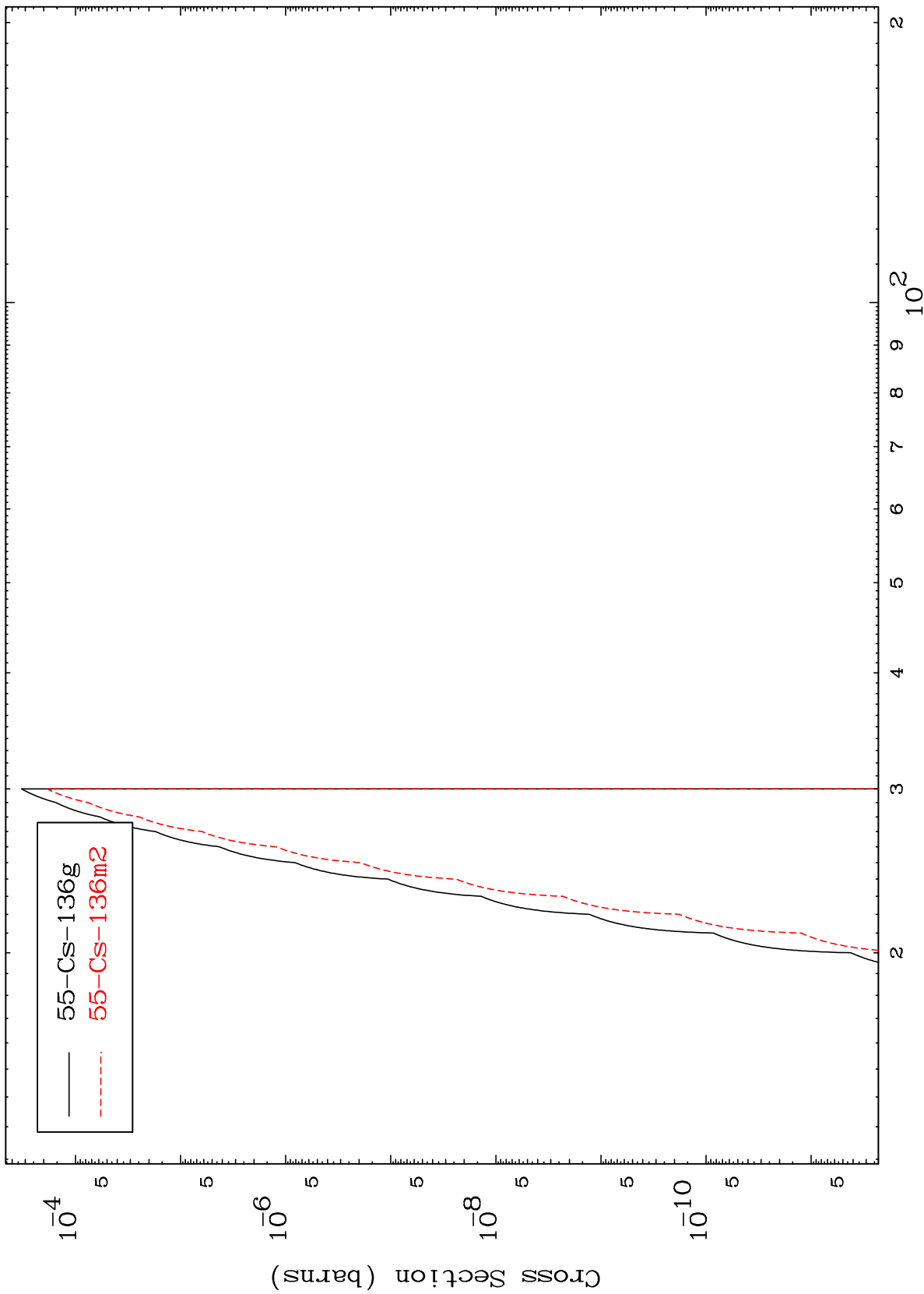
Incident Energy (MeV)

57-La-142

MAT 5737

57-La-142

(n,3n) α
Radionuclide Production Cross Section



116

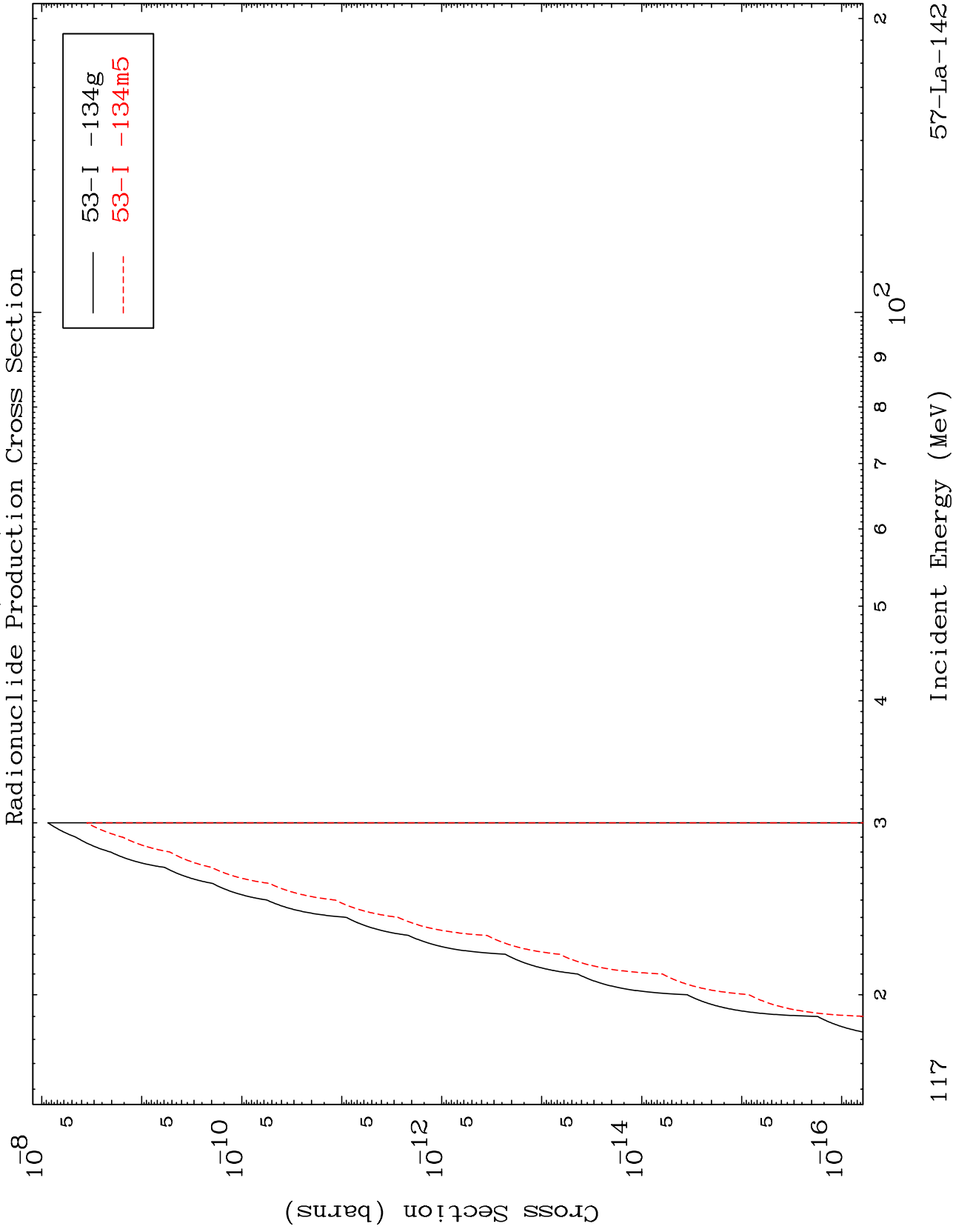
57-La-142

Incident Energy (MeV)

MAT 5737

(n,n') 2α

57-La-142



117

57-La-142