

Program EVALPLOT
(Version 2017-1)

by

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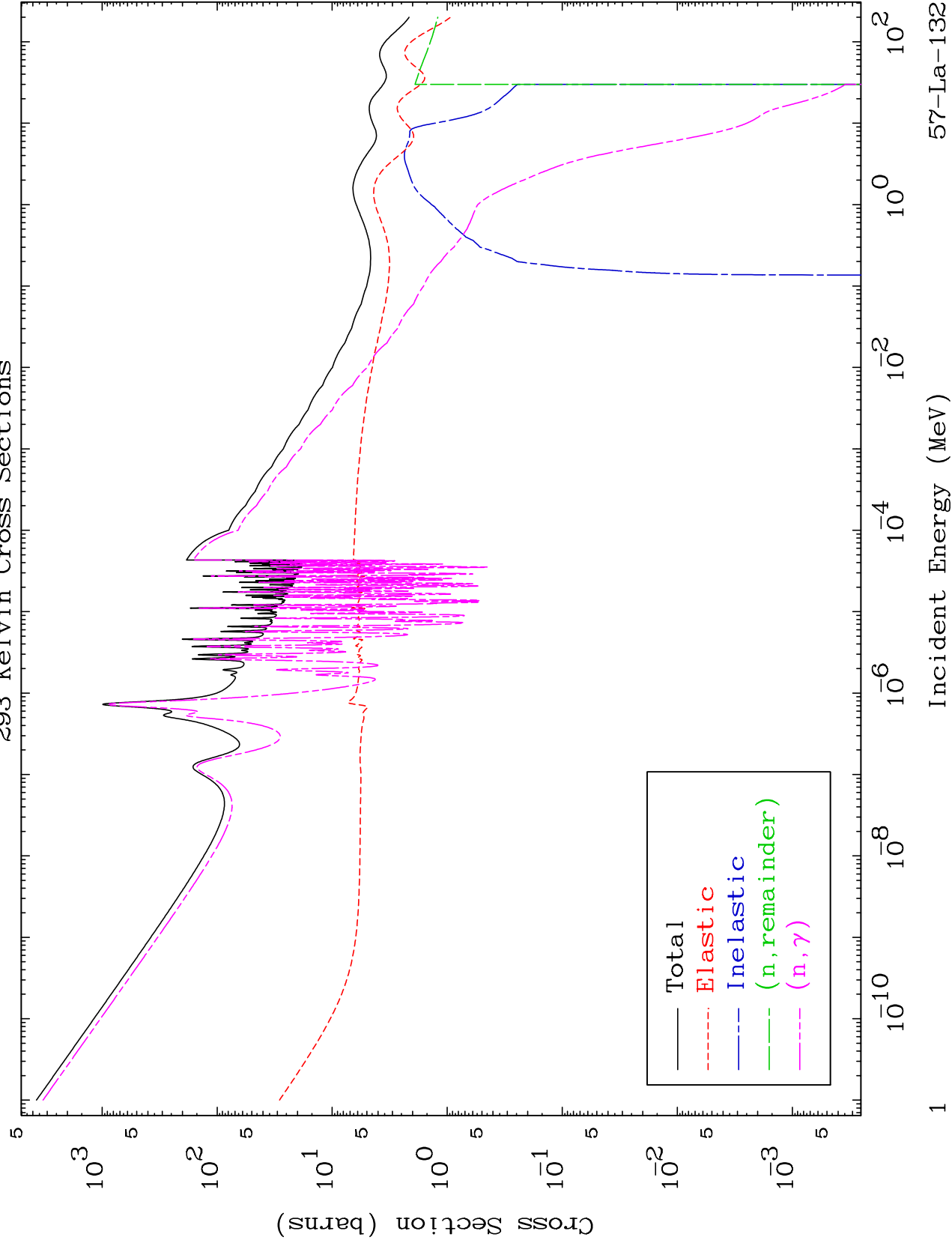
Press Mouse Button to Start

MAT 5707

Major

293 Kelvin Cross Sections

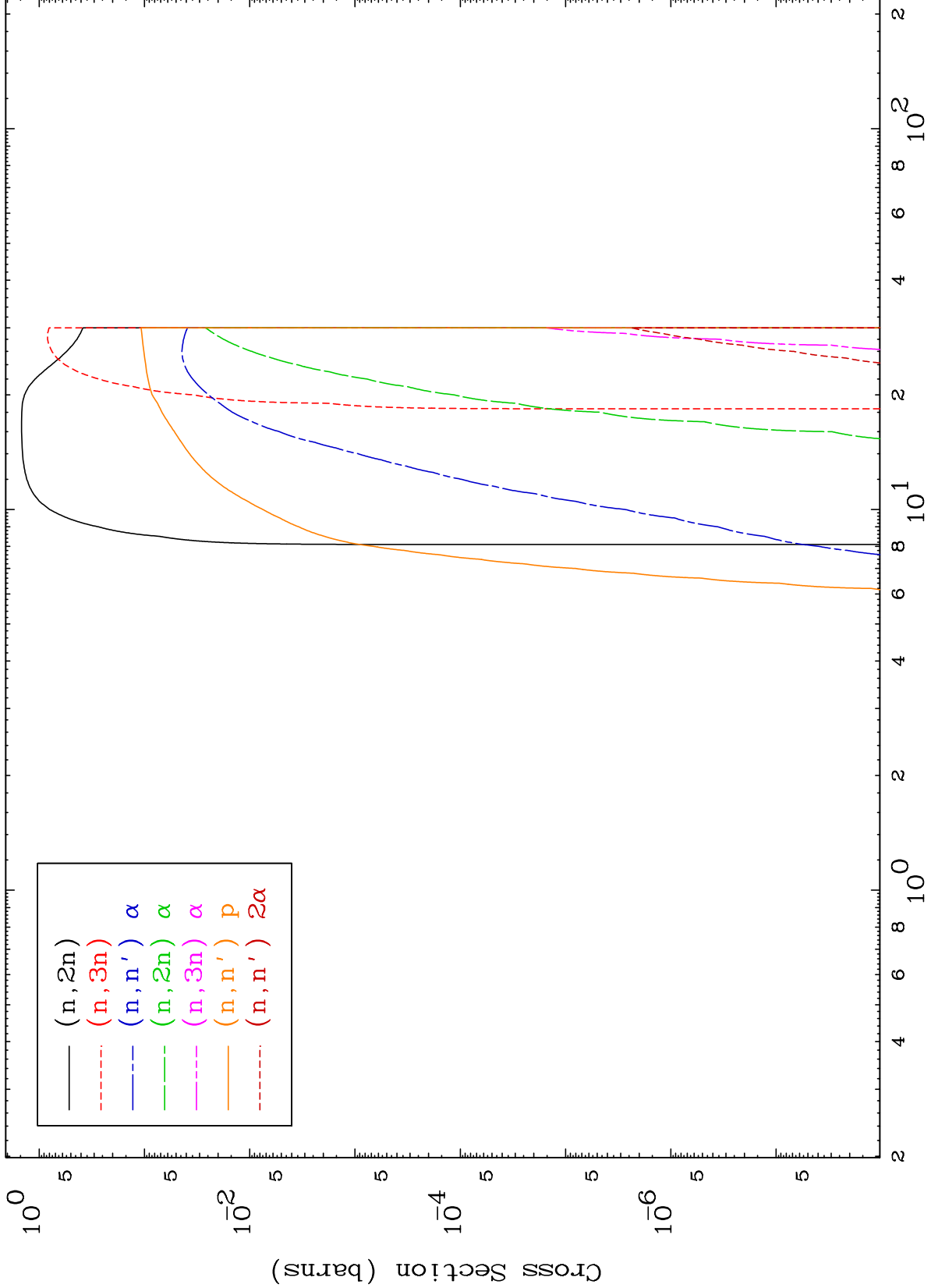
57-La-132



MAT 5707

Neutron Production
293 Kelvin Cross Sections

57-La-132



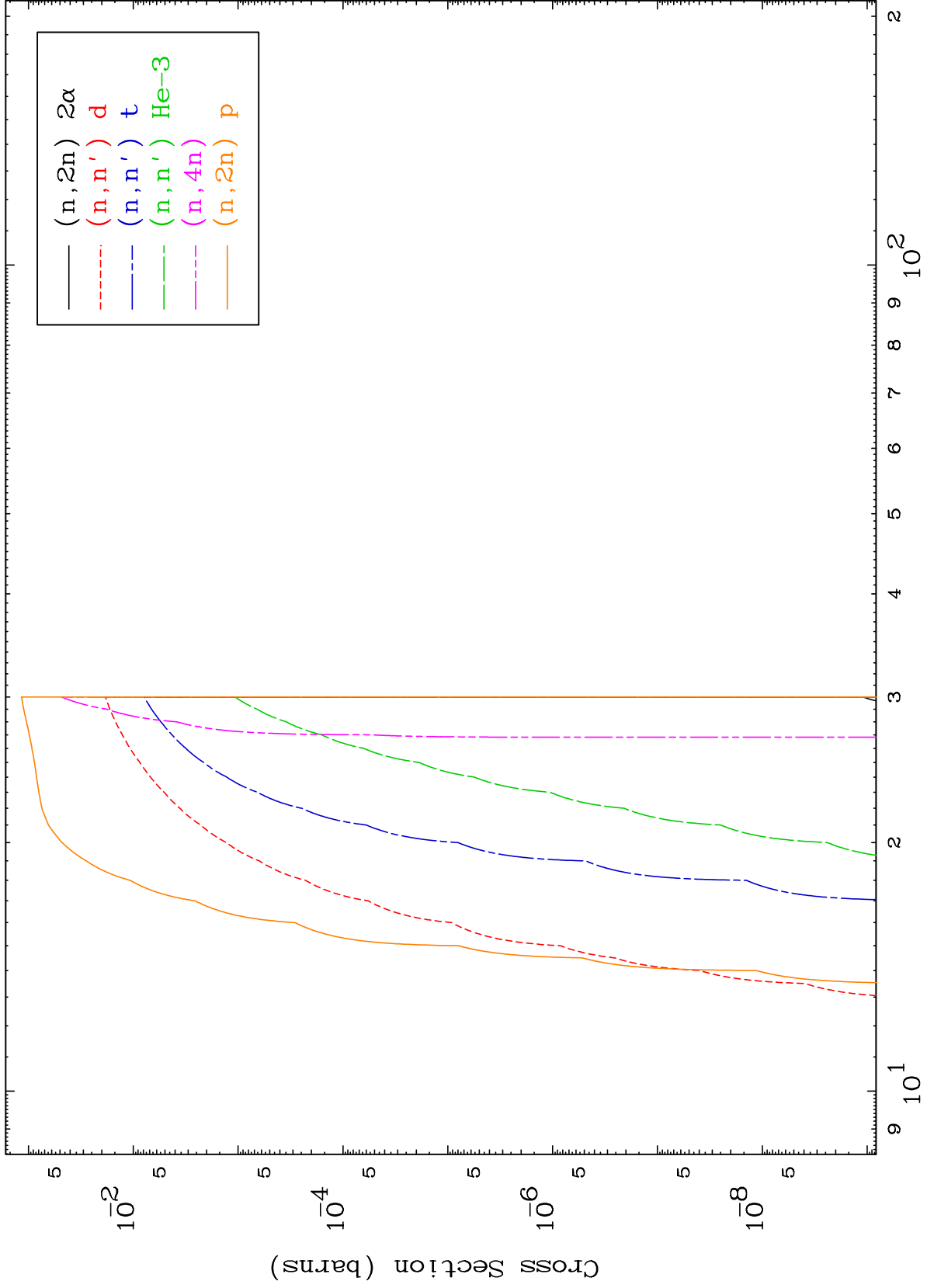
57-La-132

Incident Energy (MeV)

MAT 5707

Neutron Production
293 Kelvin Cross Sections

57-La-132



Incident Energy (MeV)

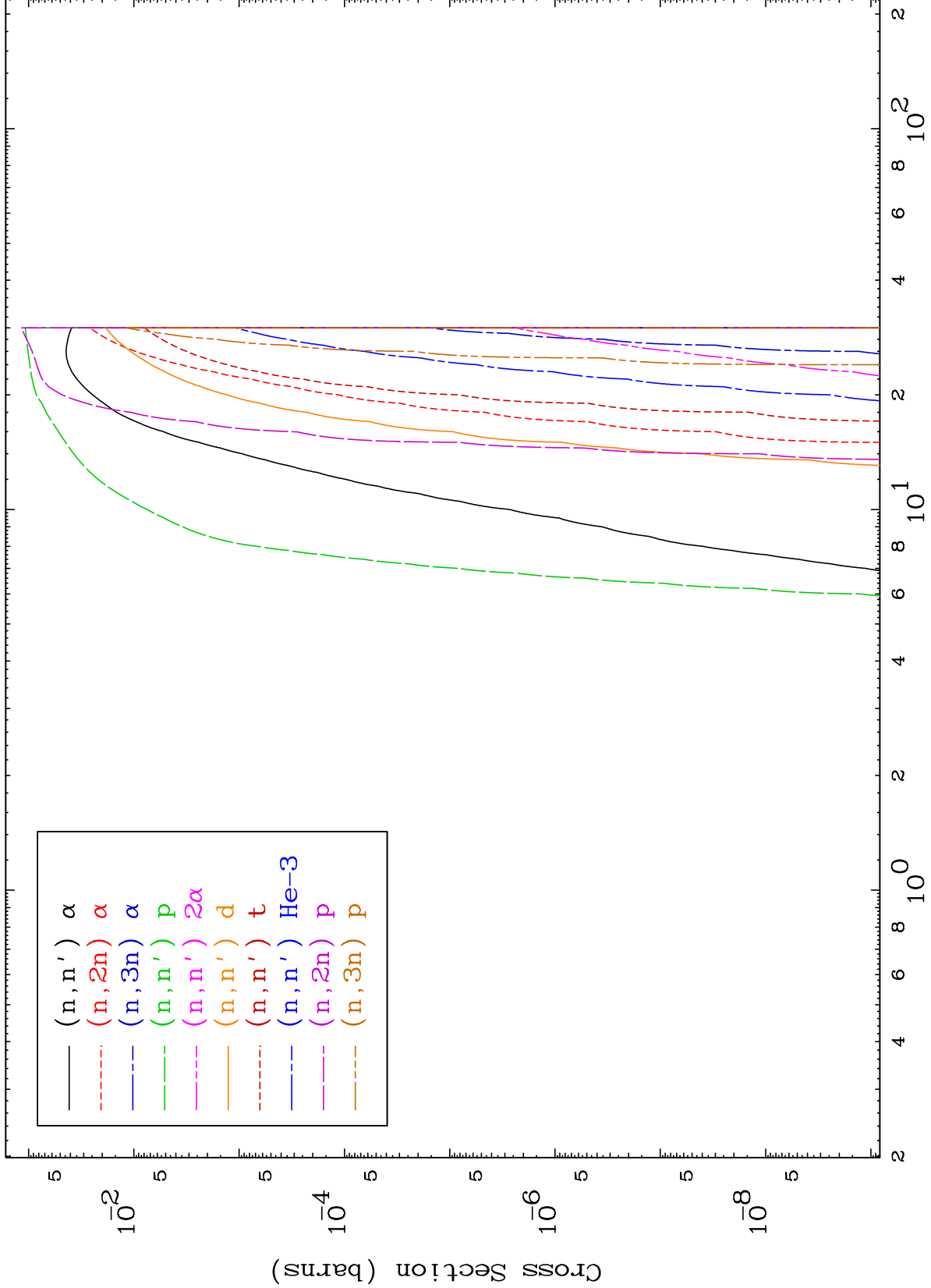
57-La-132

3

MAT 5707

Charged Particle
293 Kelvin Cross Sections

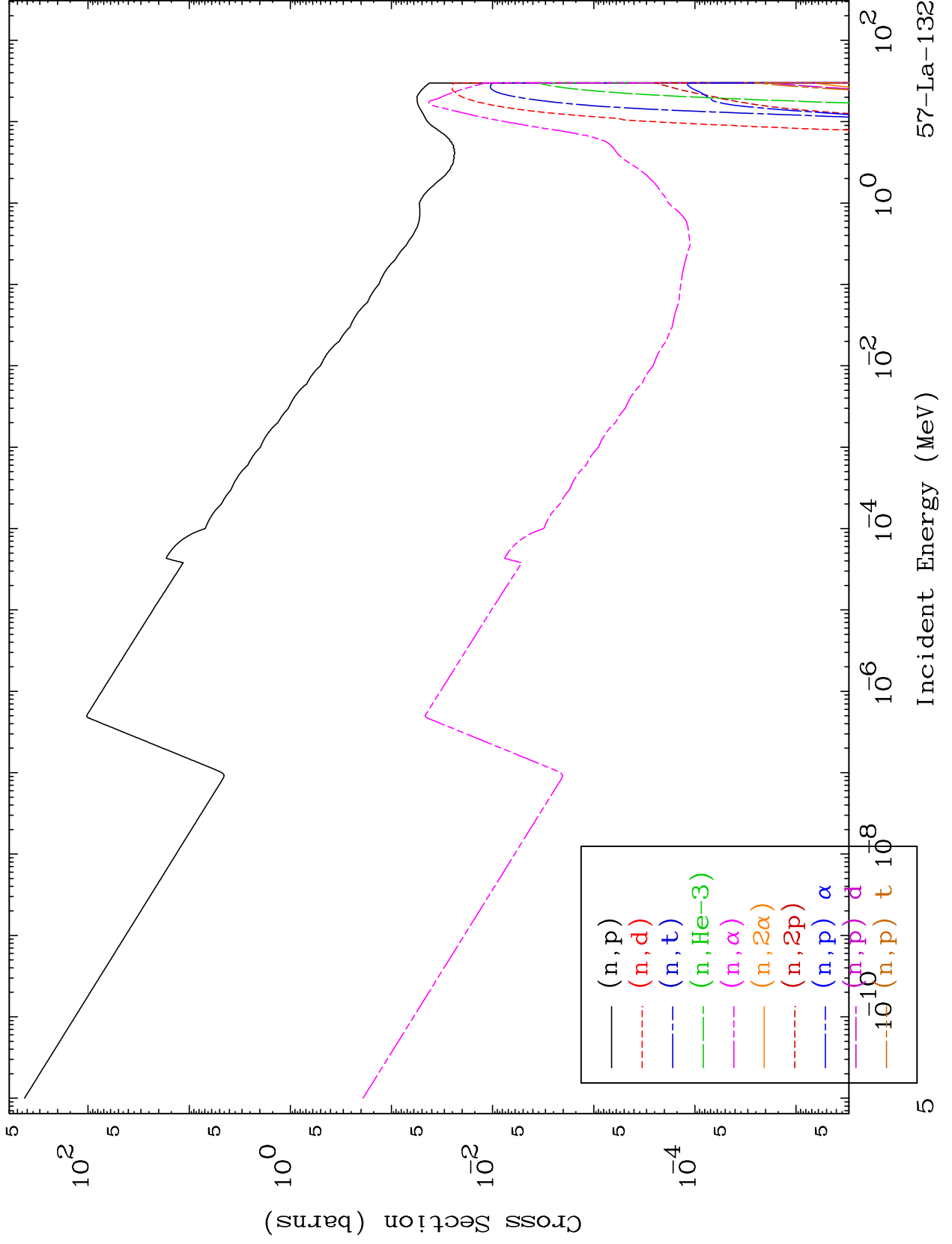
57-La-132



MAT 5707

Charged Particle
293 Kelvin Cross Sections

57-La-132

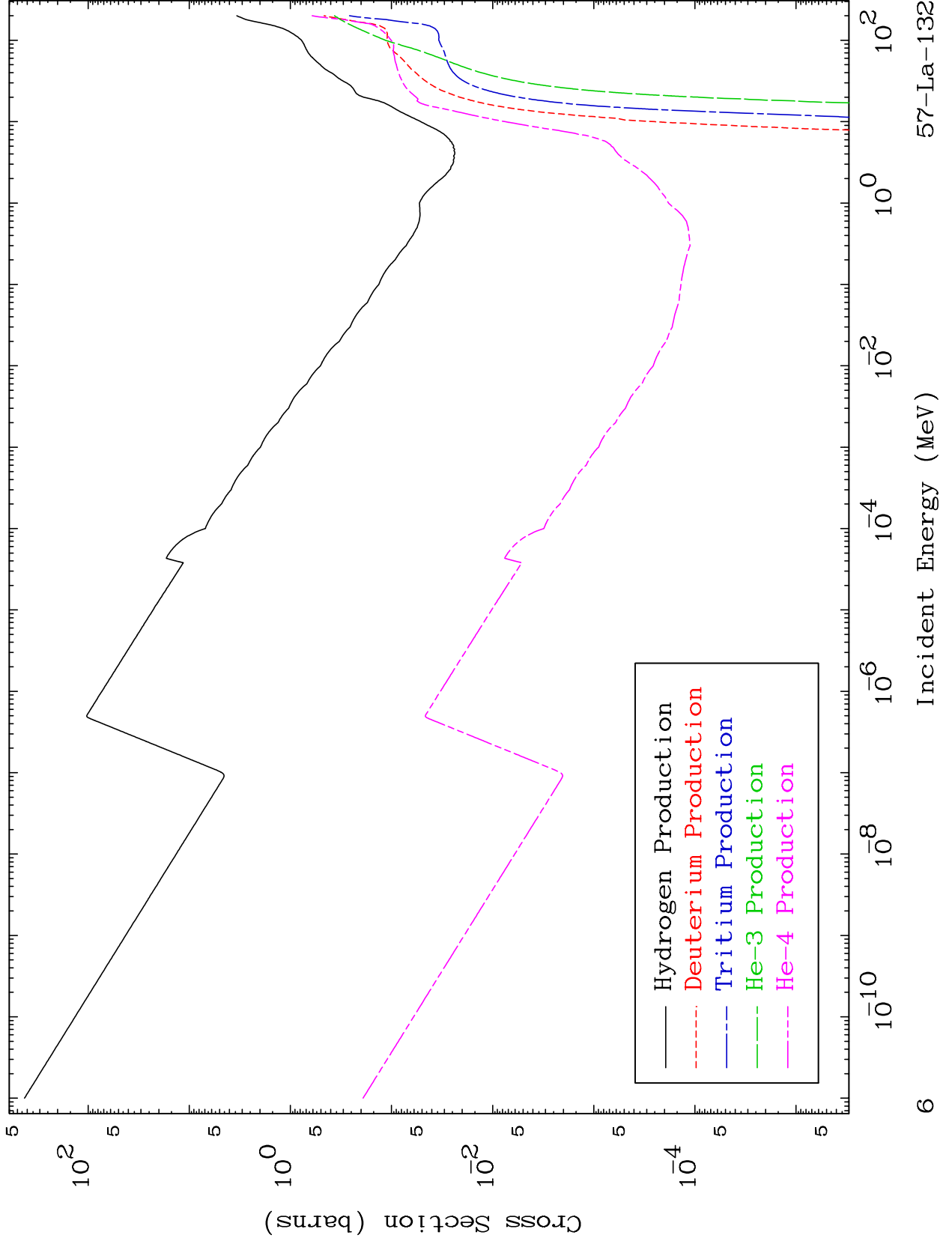


57-La-132

MAT 5707

Particle Production
293 Kelvin Cross Sections

57-La-132

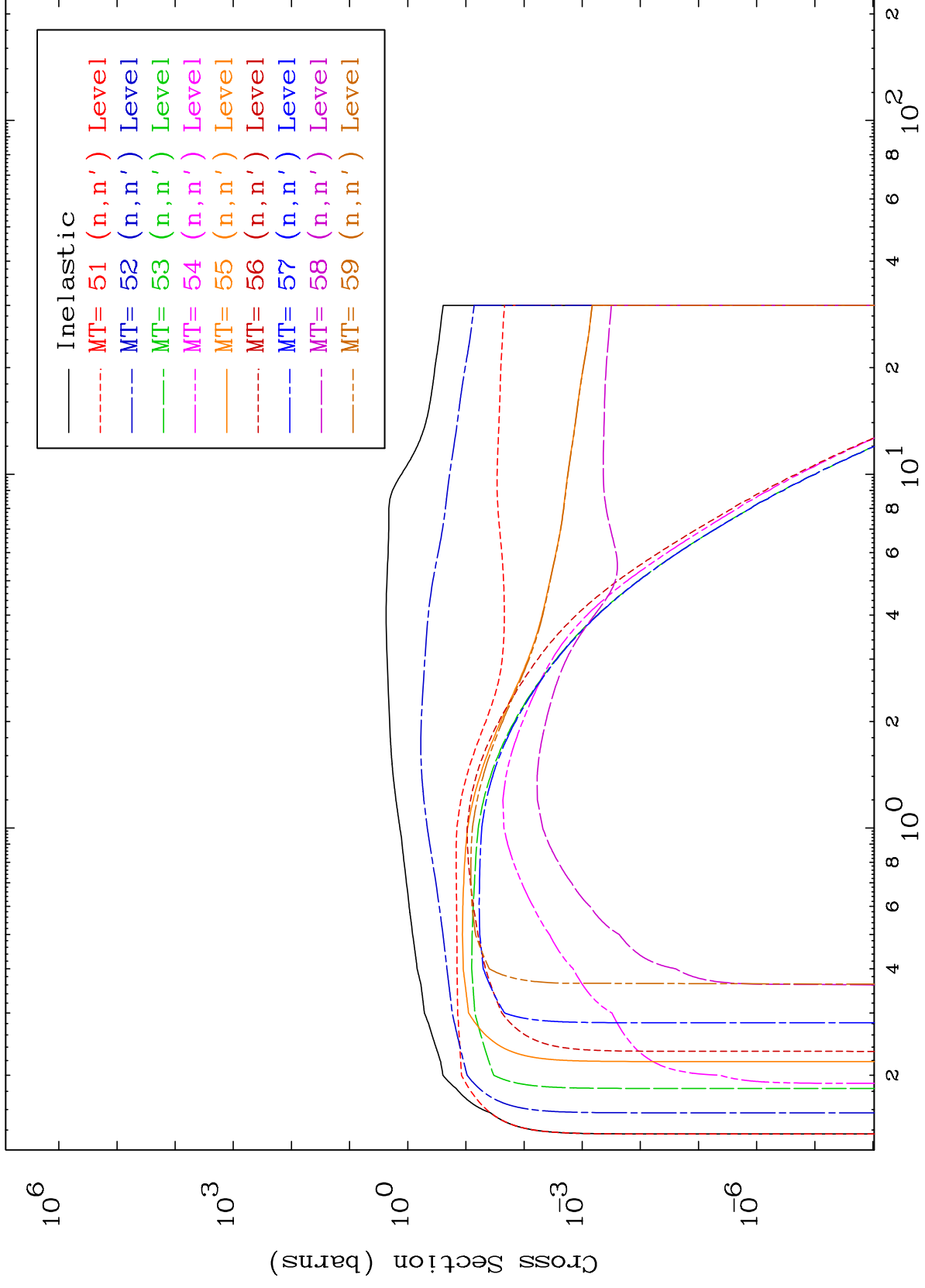


MAT 5707

(n,n') Level

57-La-132

293 Kelvin Cross Sections

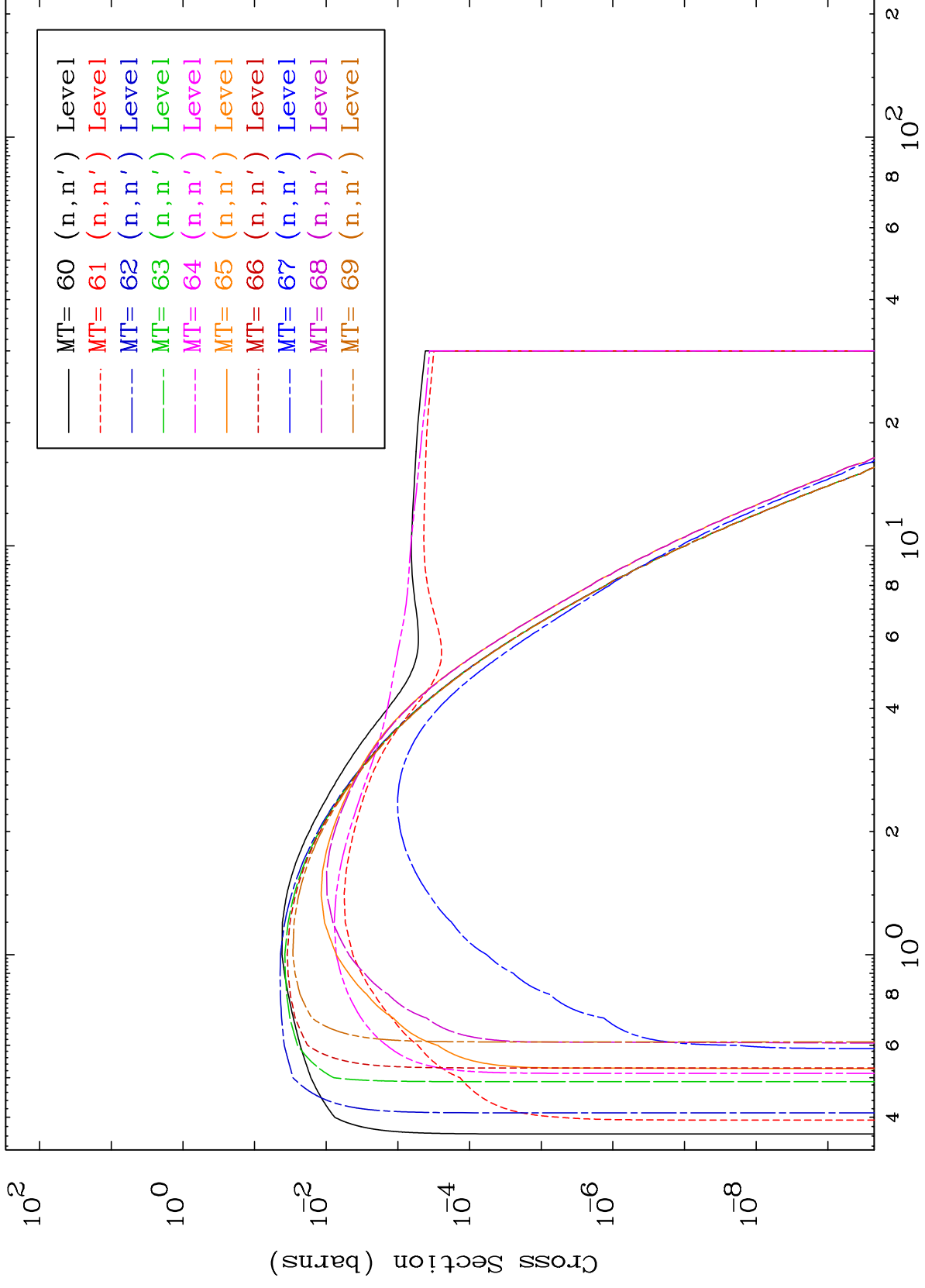


MAT 5707

(n,n') Level

293 Kelvin Cross Sections

57-La-132

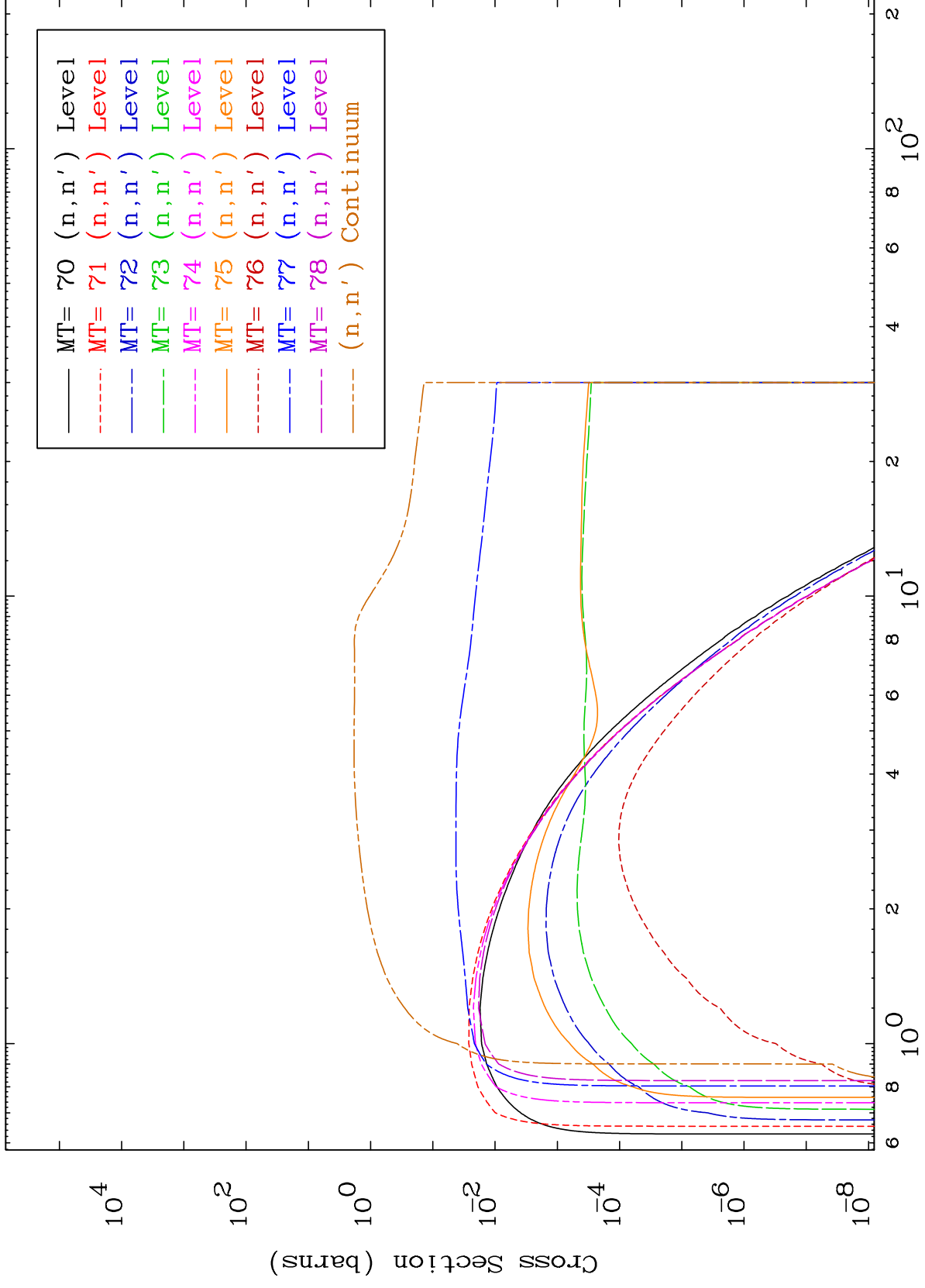


8

Incident Energy (MeV)

57-La-132

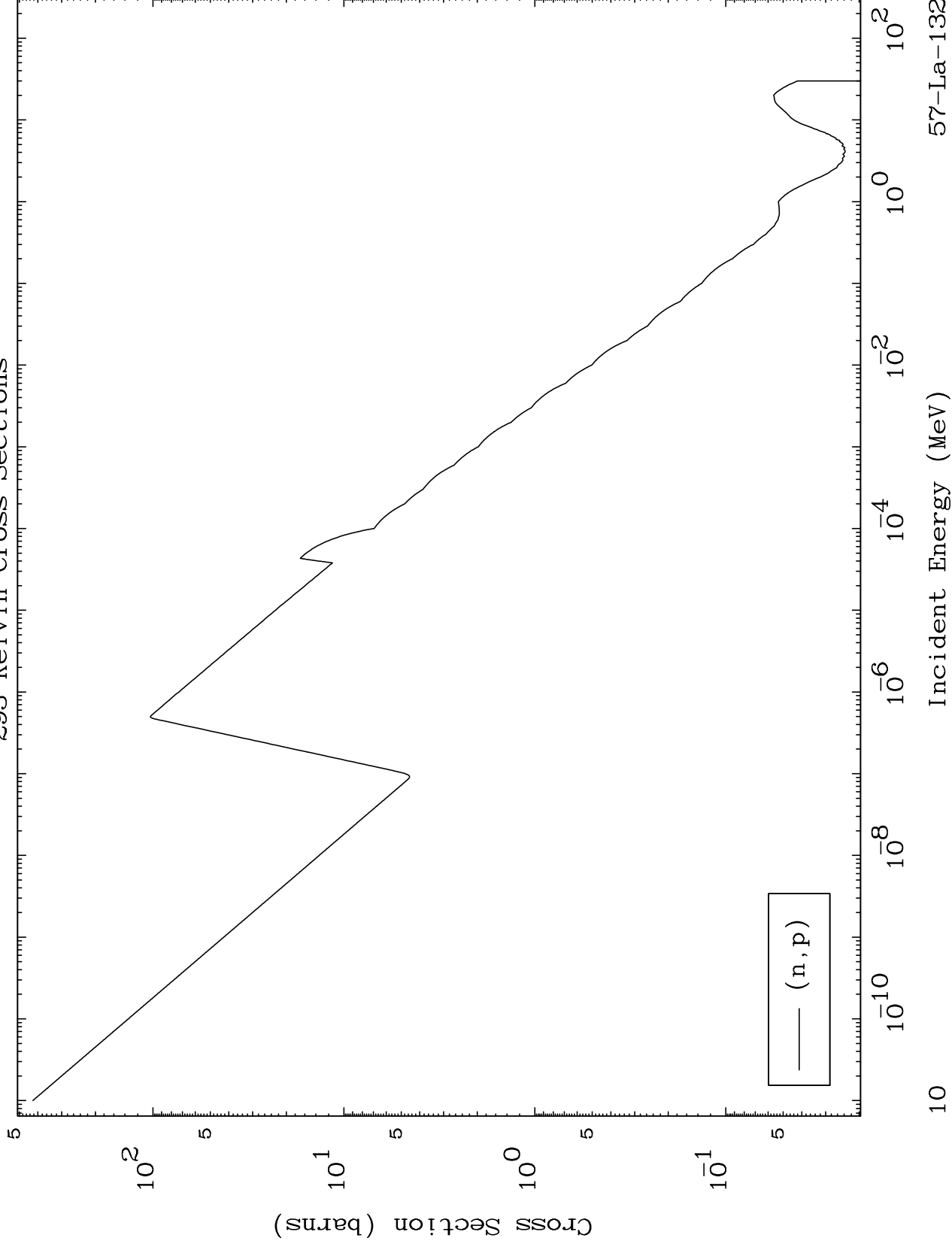
293 Kelvin Cross Sections



MAT 5707

(n,p) Levels
293 Kelvin Cross Sections

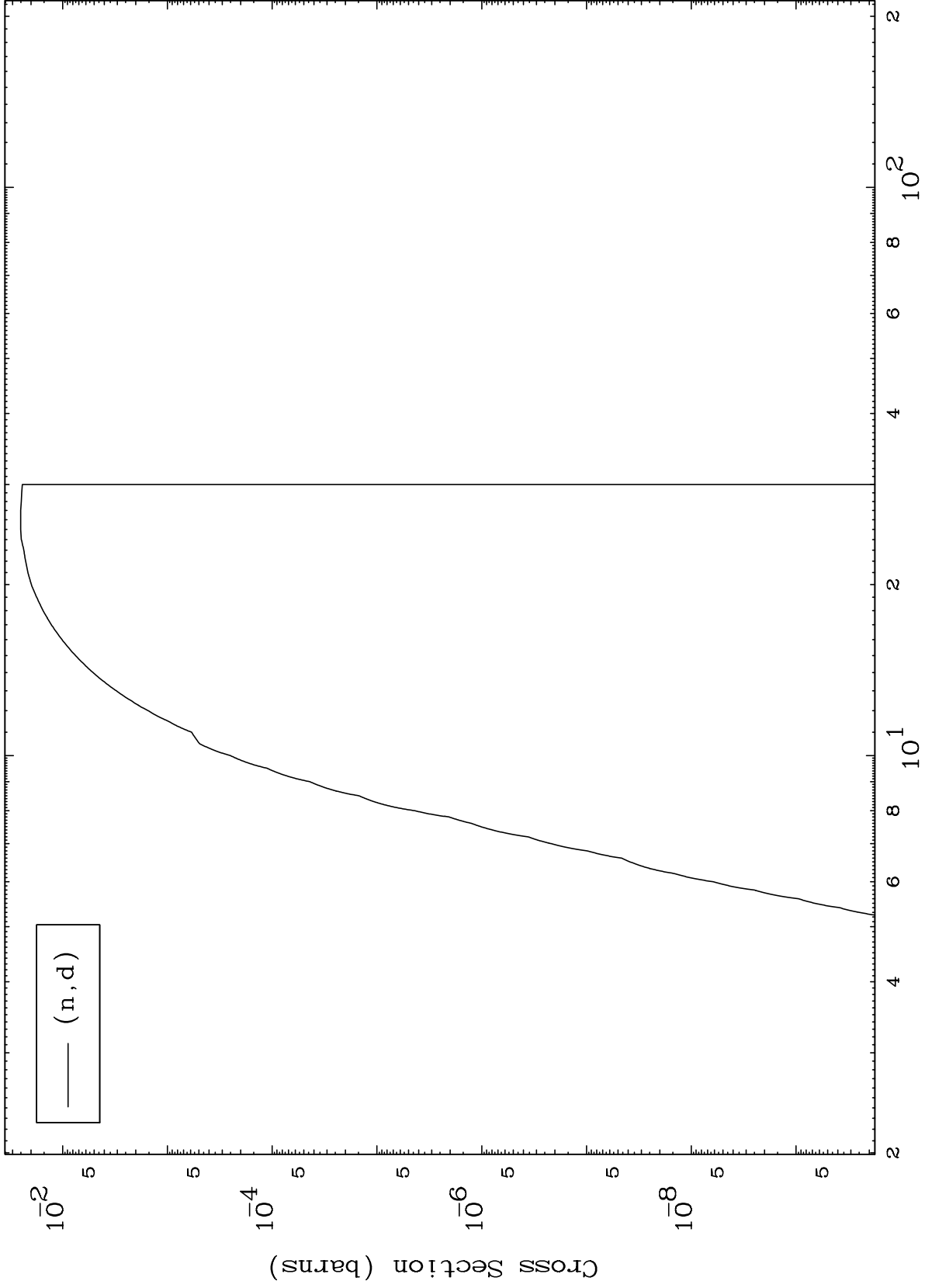
57-La-132



MAT 5707

(n,d) Levels
293 Kelvin Cross Sections

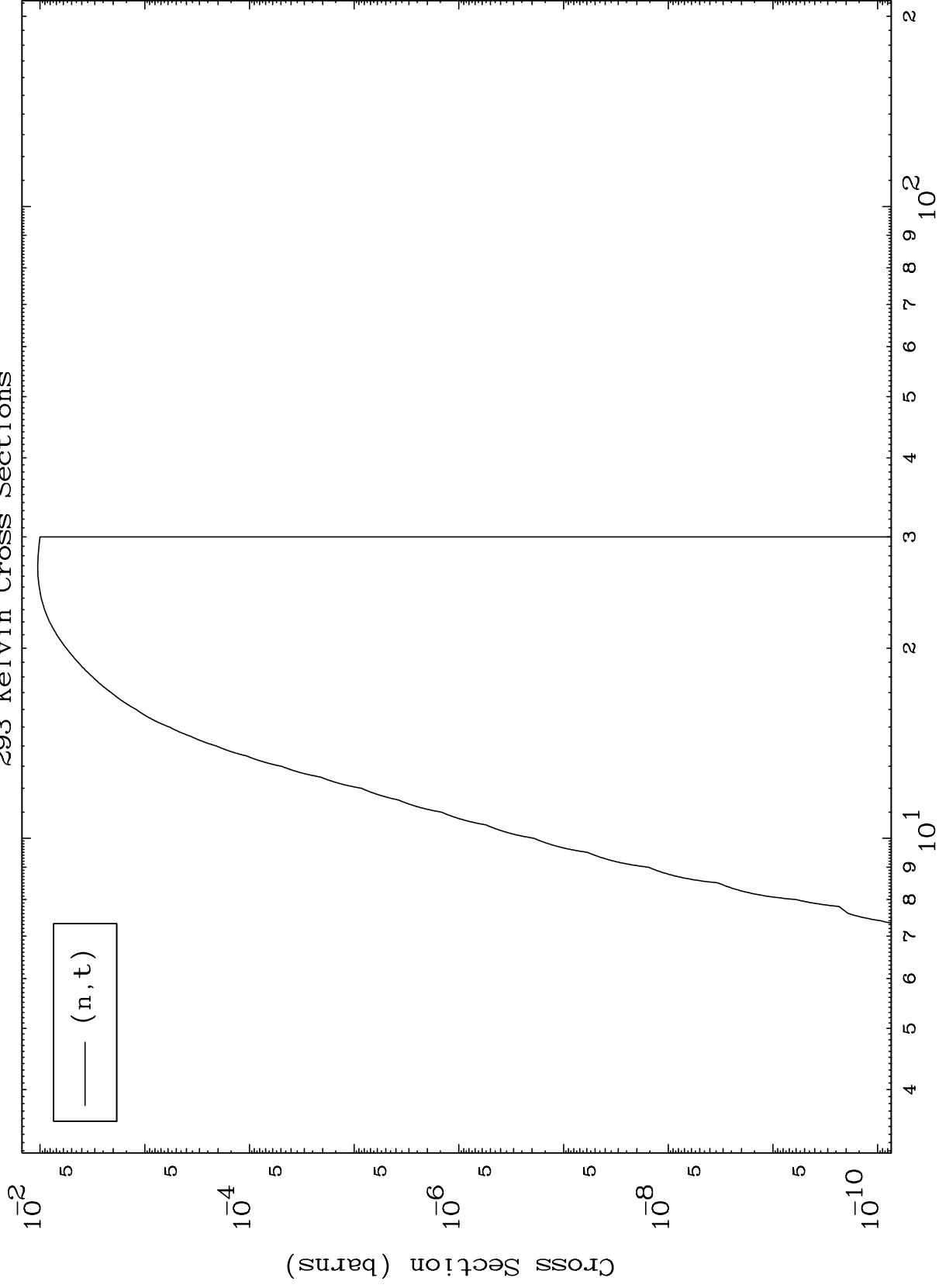
57-La-132



MAT 5707

(n,t) Levels
293 Kelvin Cross Sections

57-La-132



12

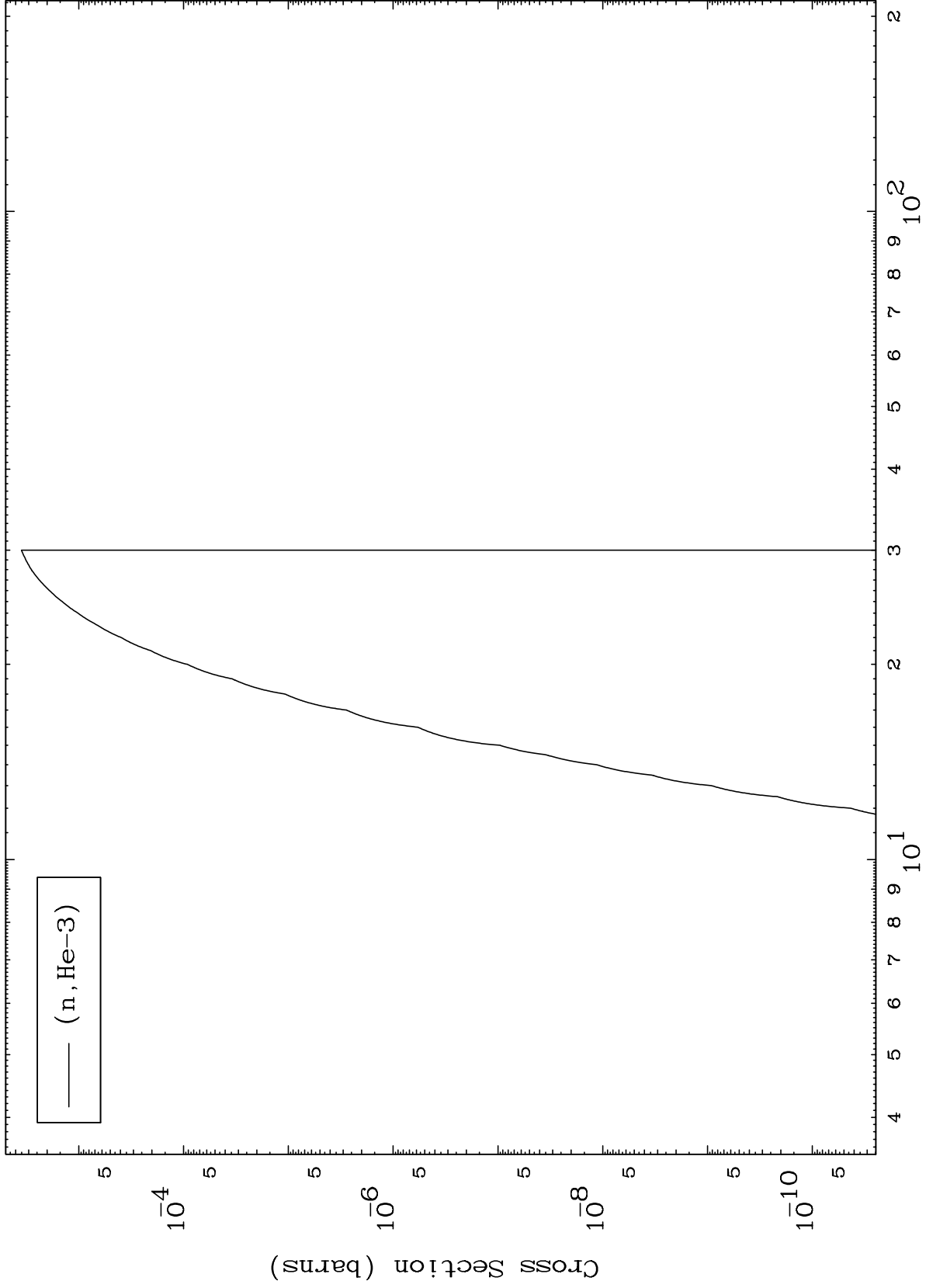
Incident Energy (MeV)

57-La-132

MAT 5707

(n,He3) Levels
293 Kelvin Cross Sections

57-La-132



13

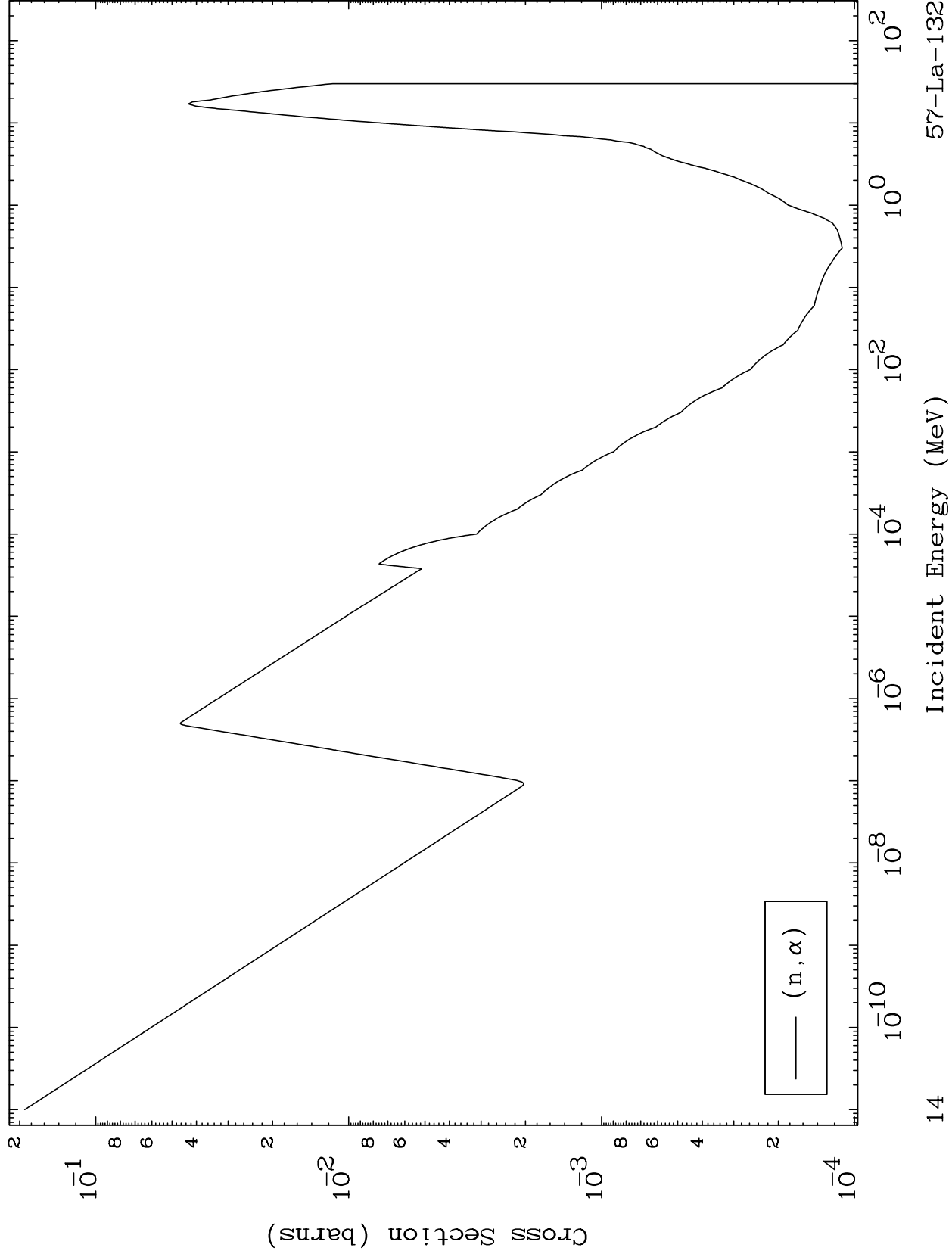
Incident Energy (MeV)

57-La-132

MAT 5707

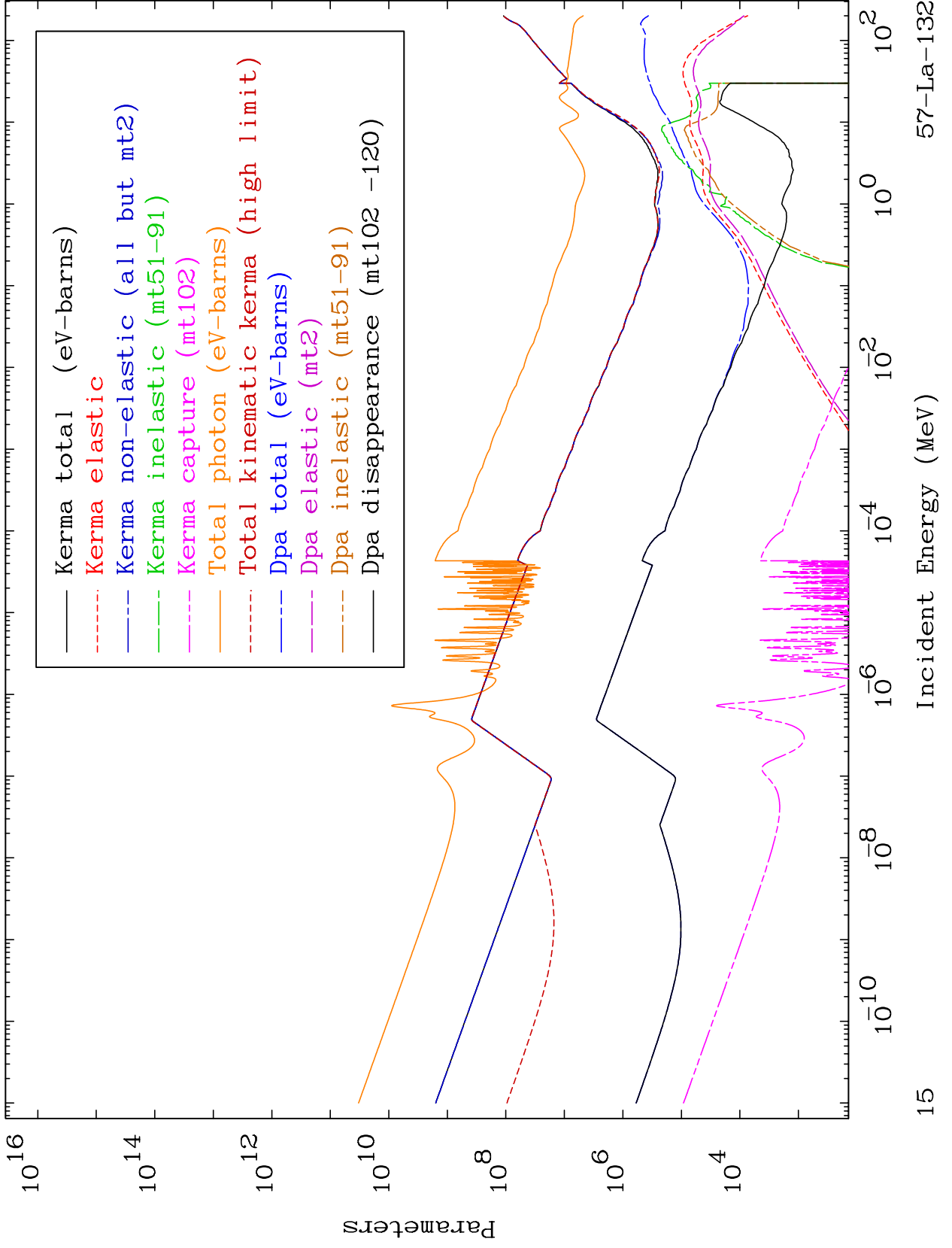
(n,α) Levels
293 Kelvin Cross Sections

57-La-132



14

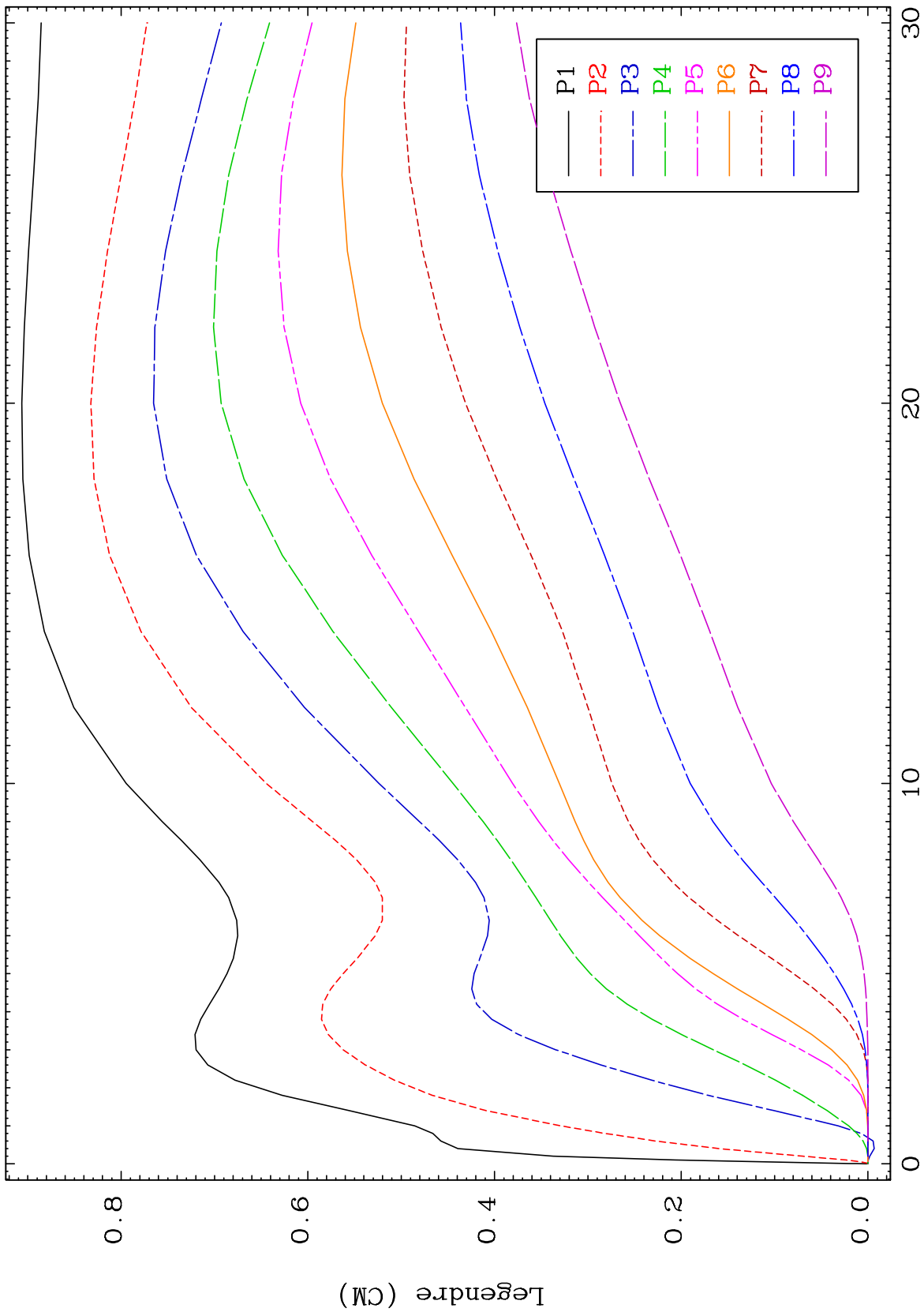
57-La-132



MAT 5707

Elastic Legendre Coefficients

57-La-132



16

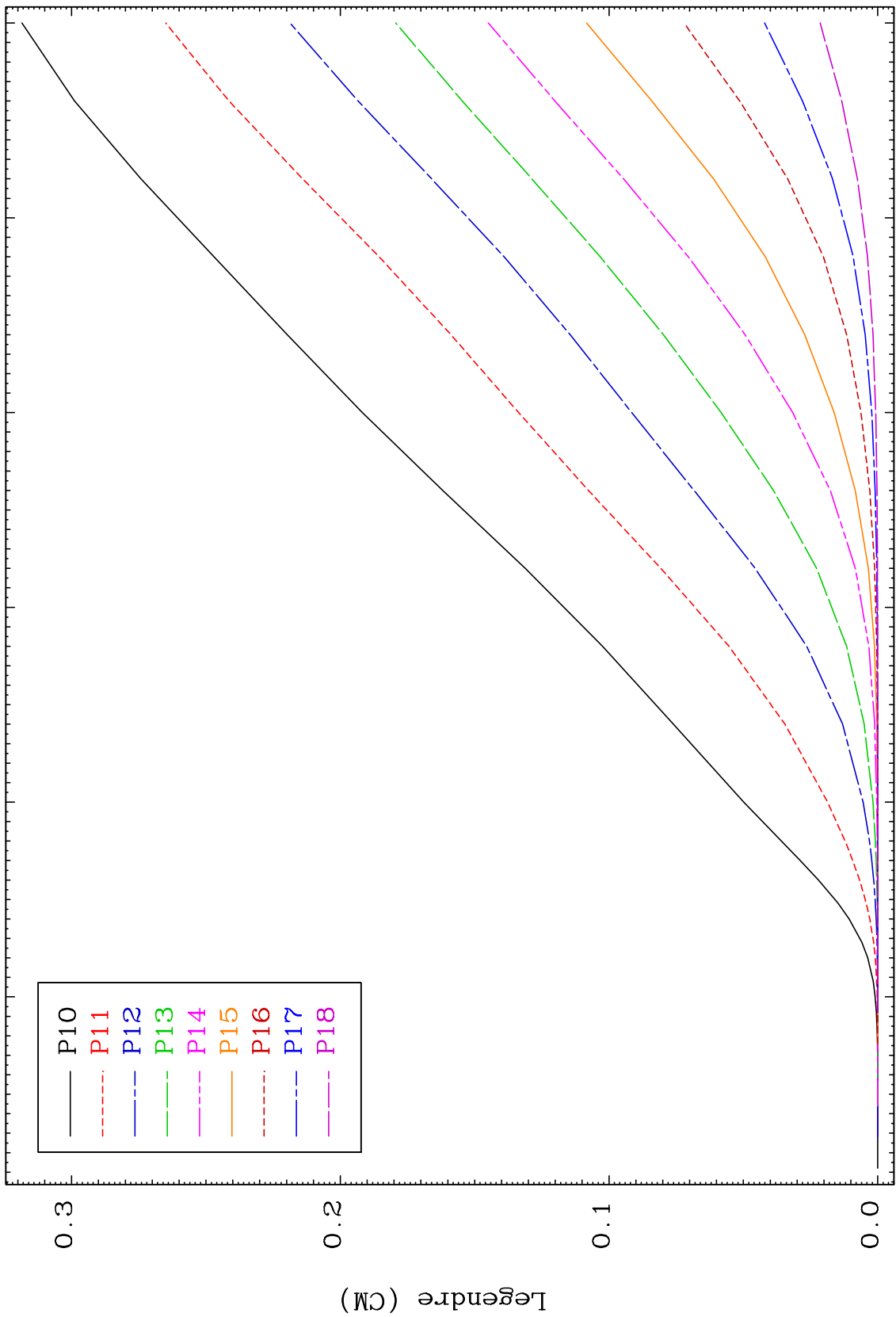
Incident Energy (MeV)

57-La-132

MAT 5707

Elastic Legendre Coefficients

57-La-132



17

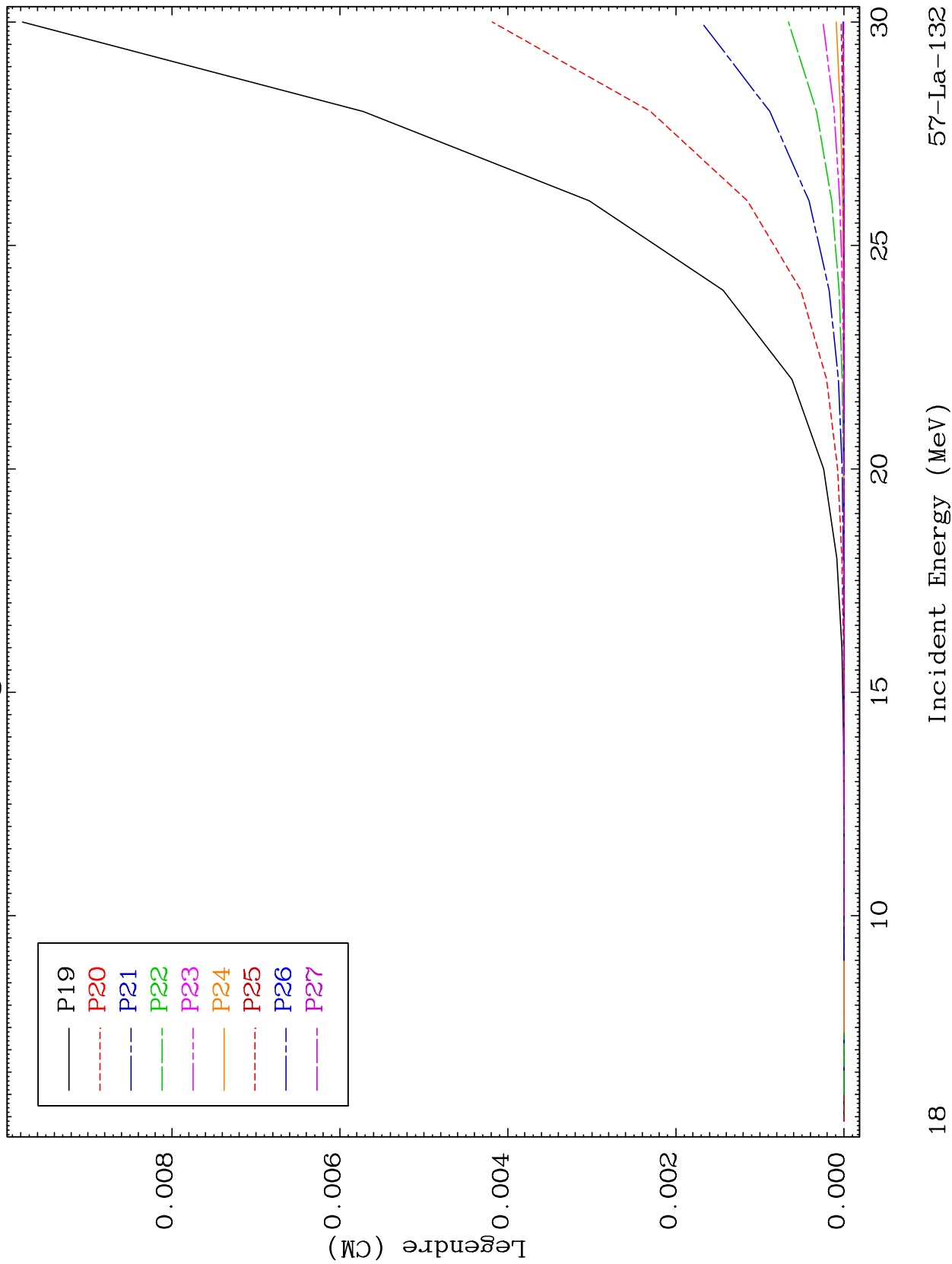
Incident Energy (MeV)

57-La-132

MAT 5707

Elastic Legendre Coefficients

57-La-132



18

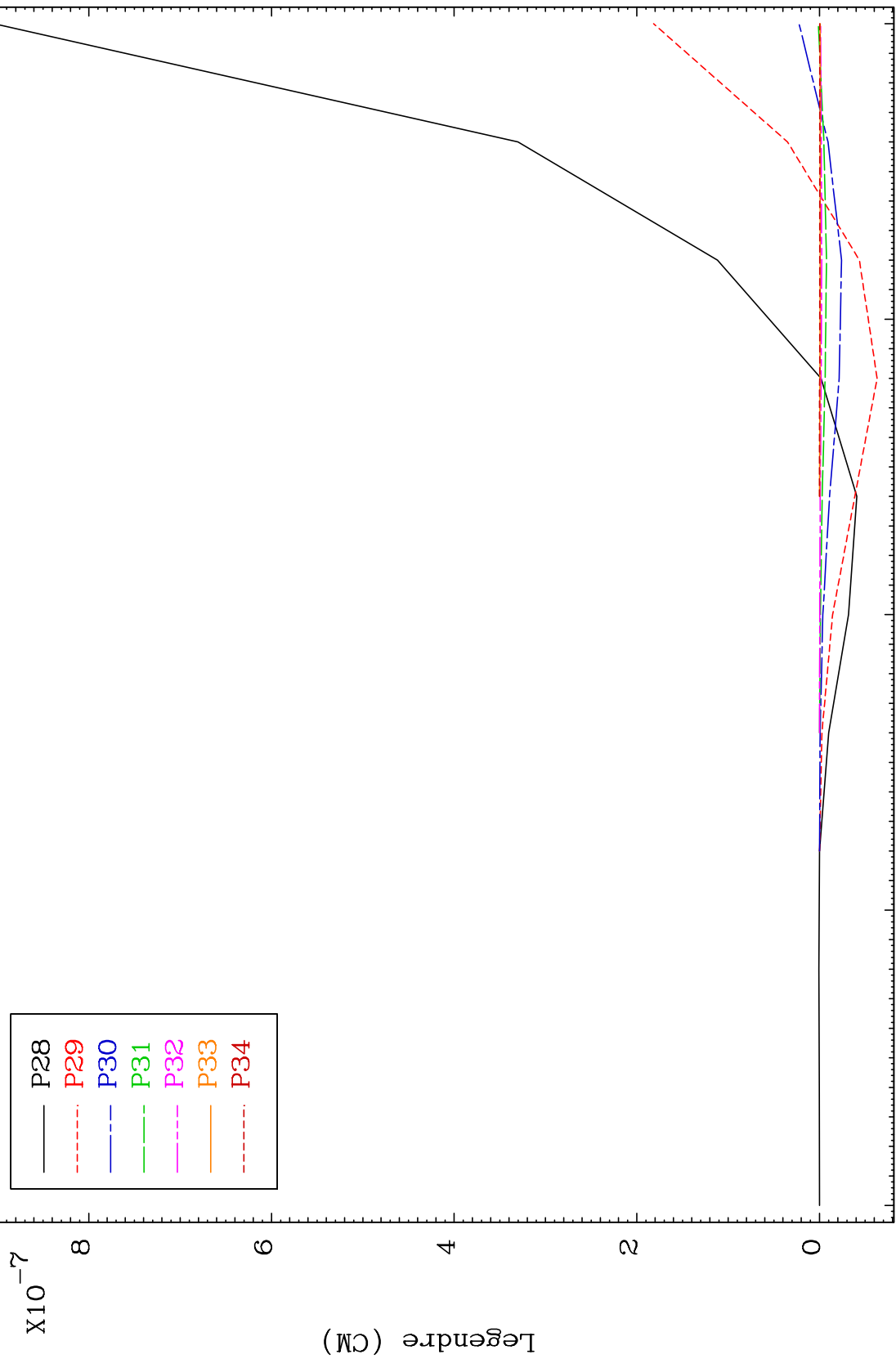
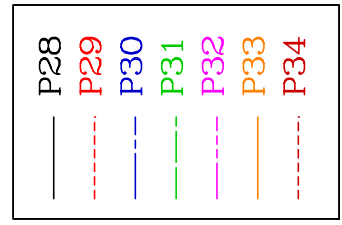
Incident Energy (MeV)

57-La-132

MAT 5707

Elastic Legendre Coefficients

57-La-132



19

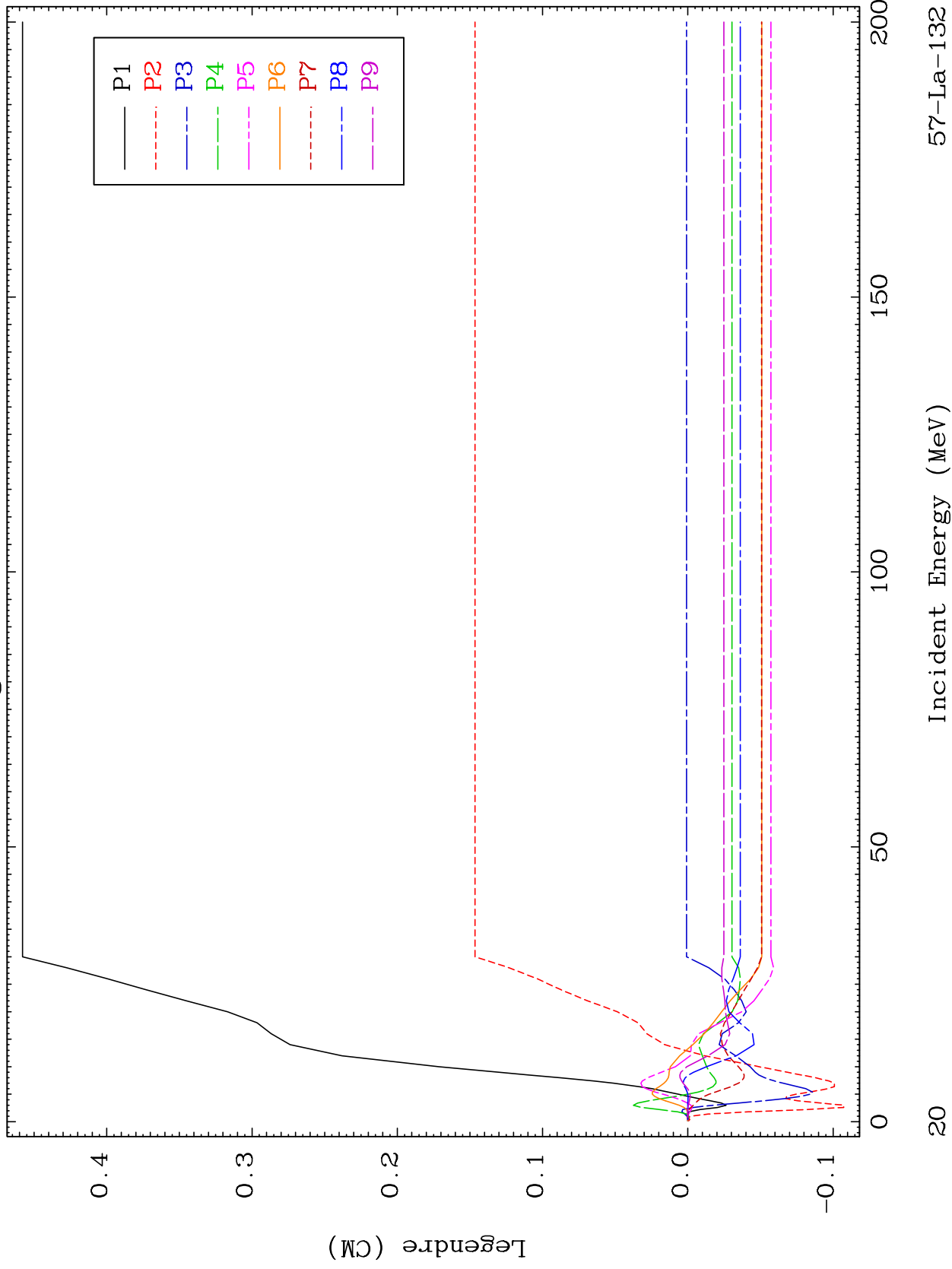
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



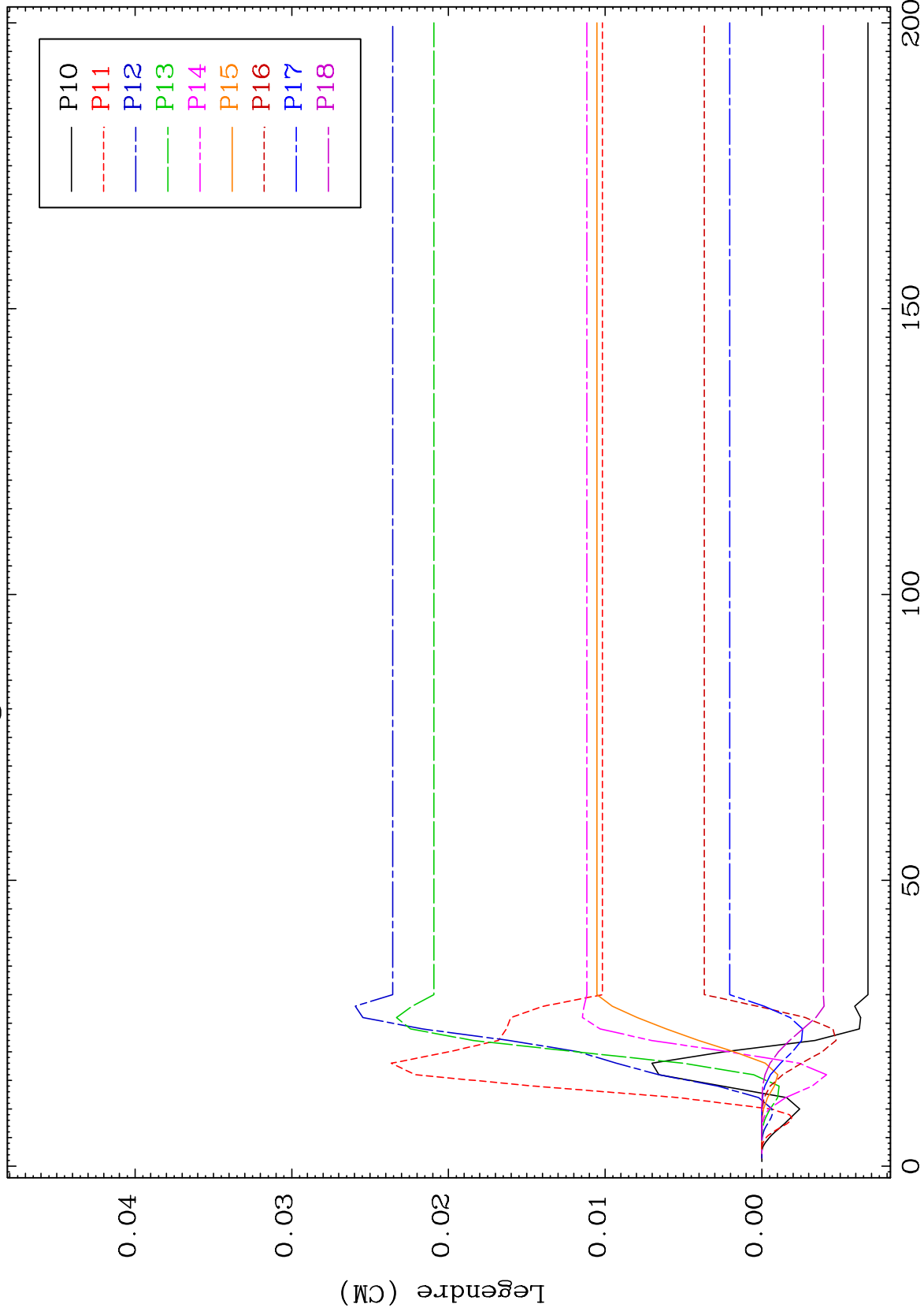
57-La-132

Incident Energy (MeV)

MAT 5707

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

57-La-132



21

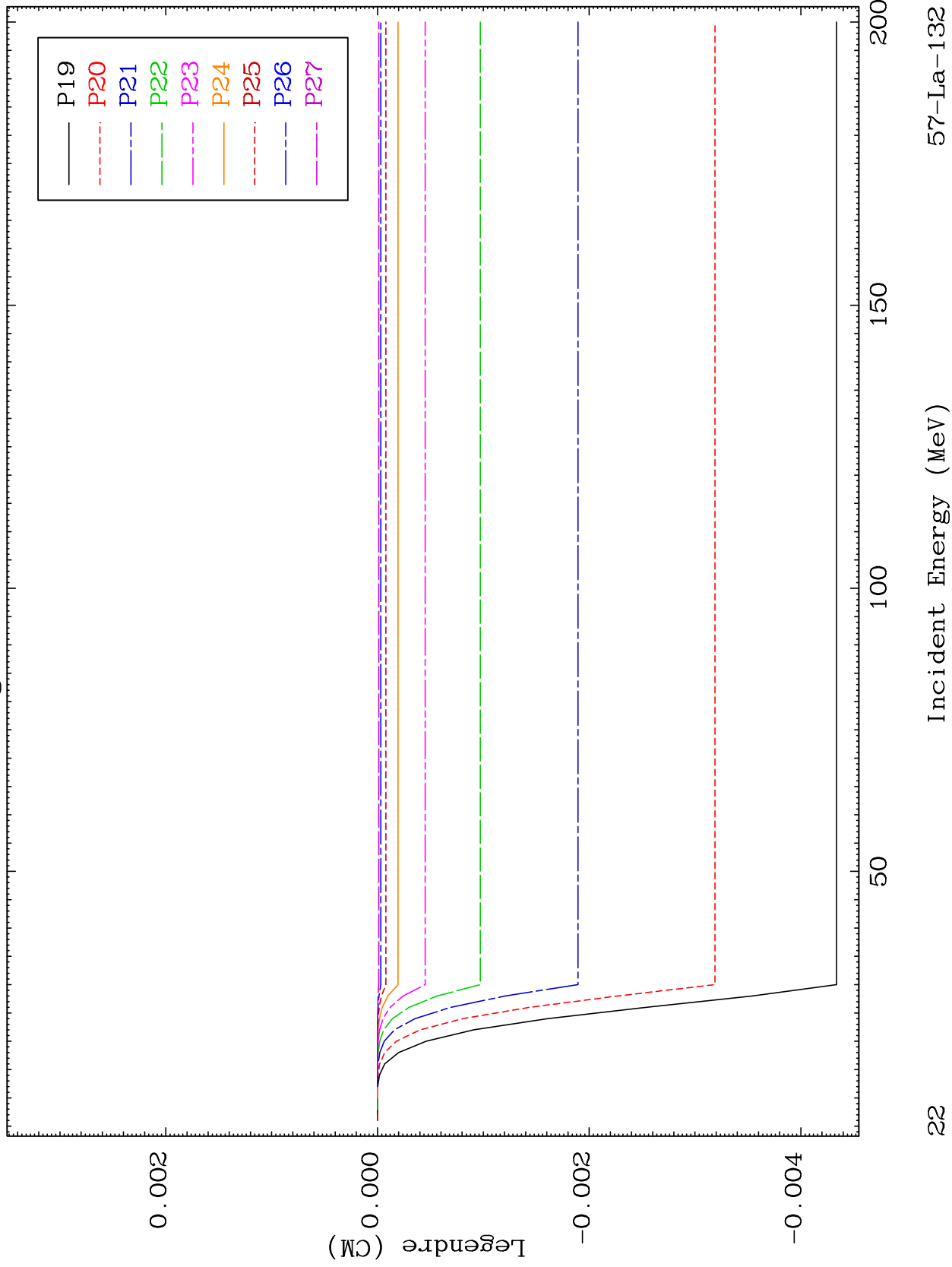
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



22

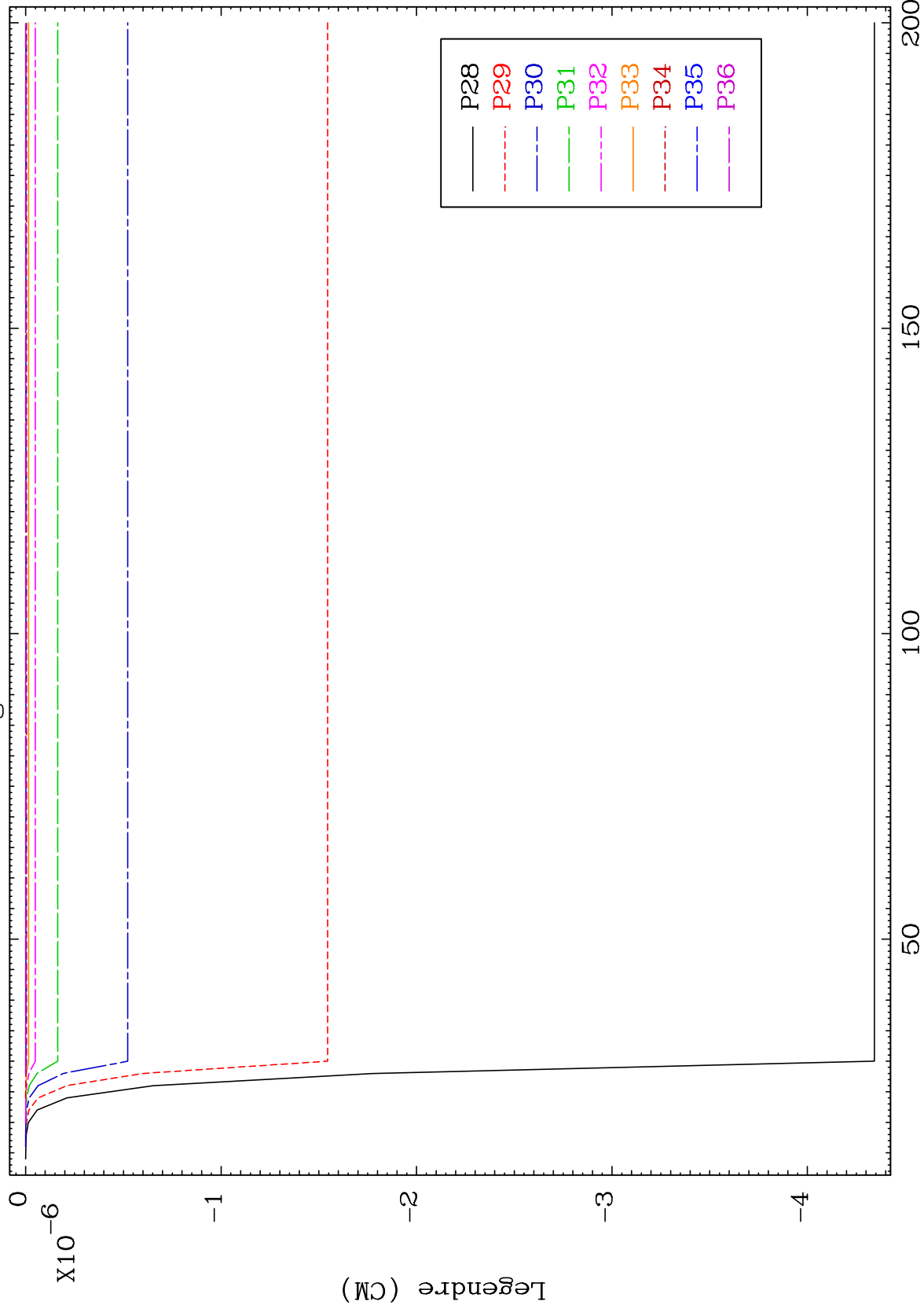
Incident Energy (MeV)

57-La-132

MAT 5707

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

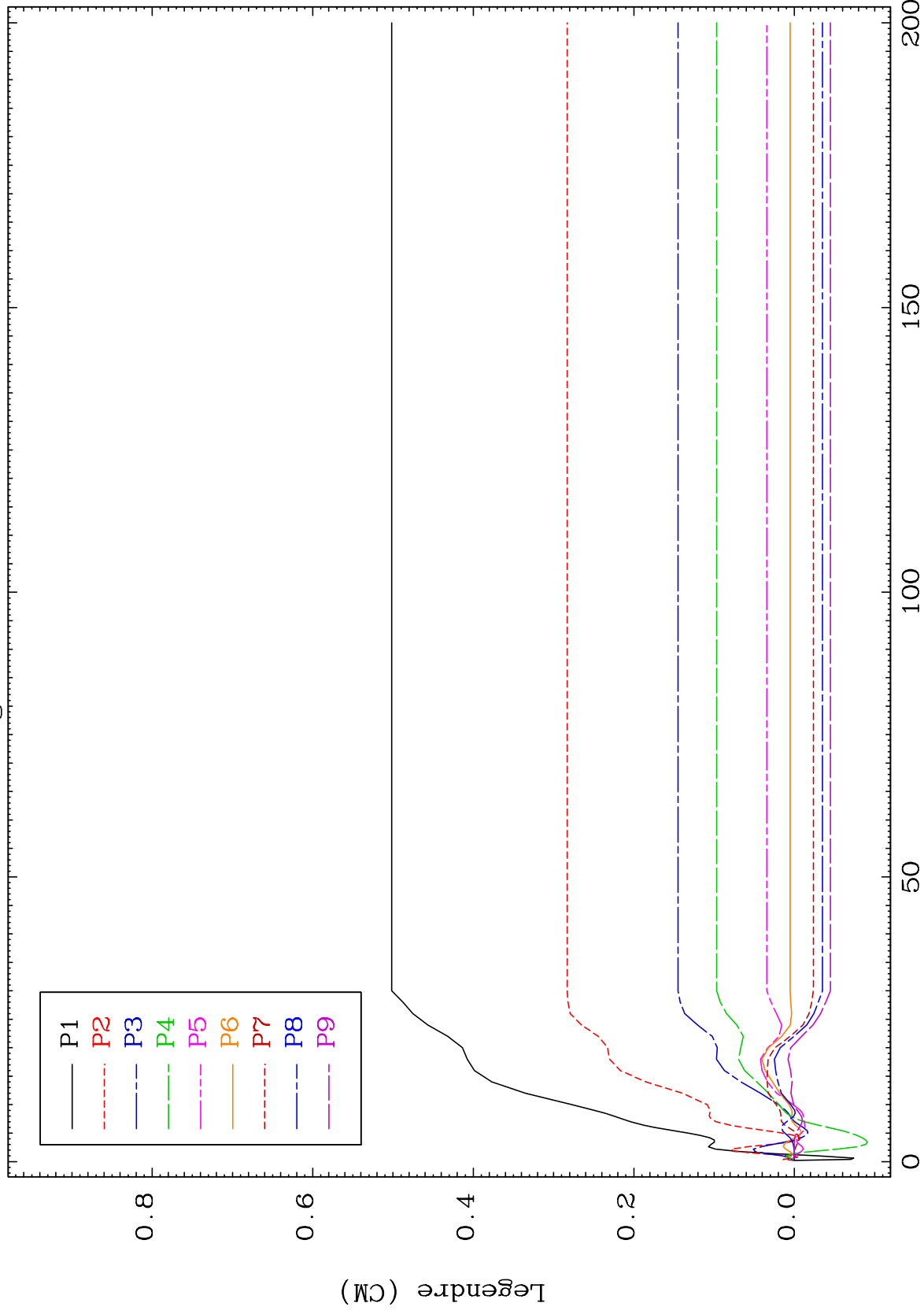
57-La-132



MAT 5707

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

57-La-132



24

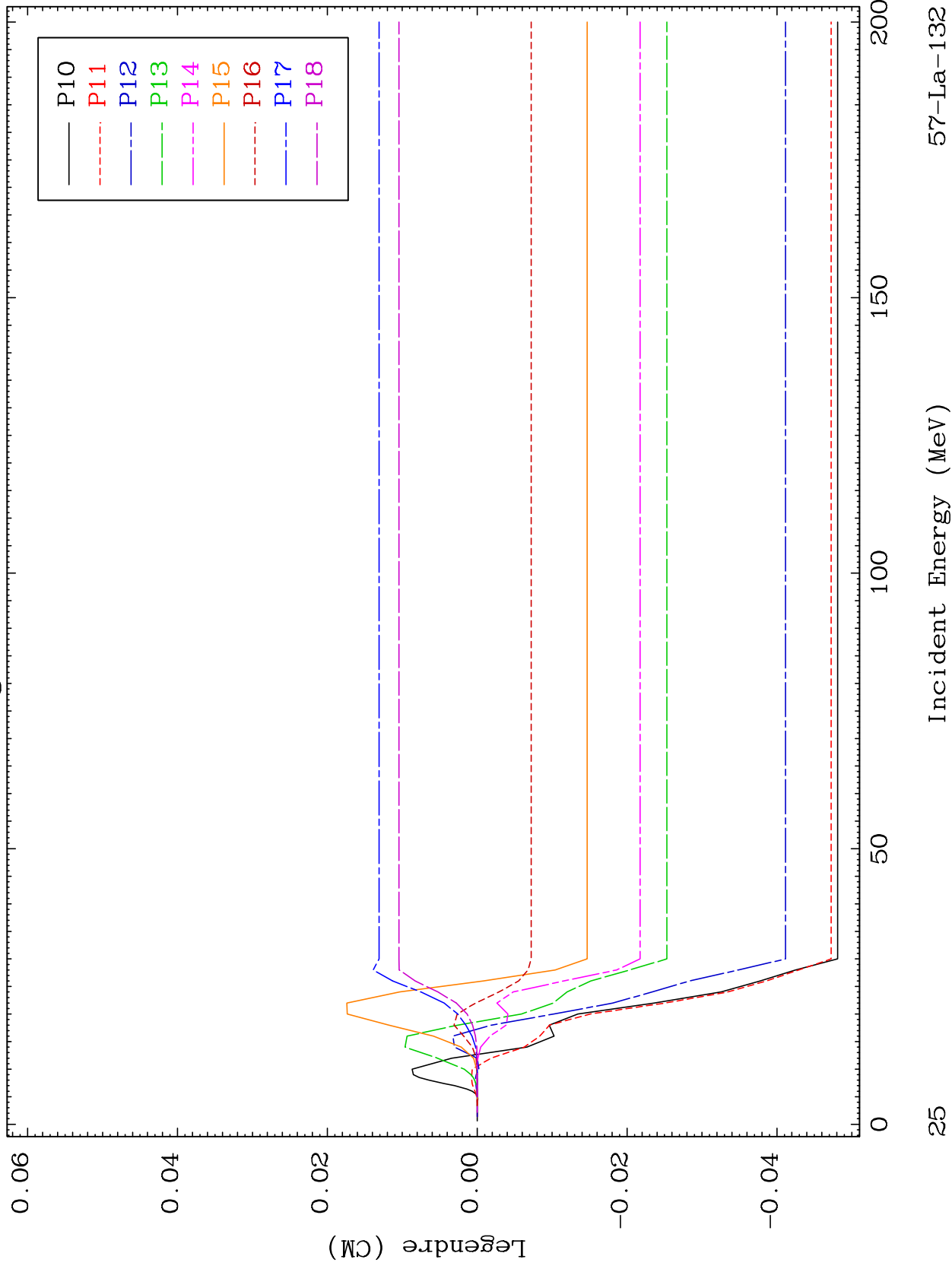
Incident Energy (MeV)

57-La-132

MAT 5707

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

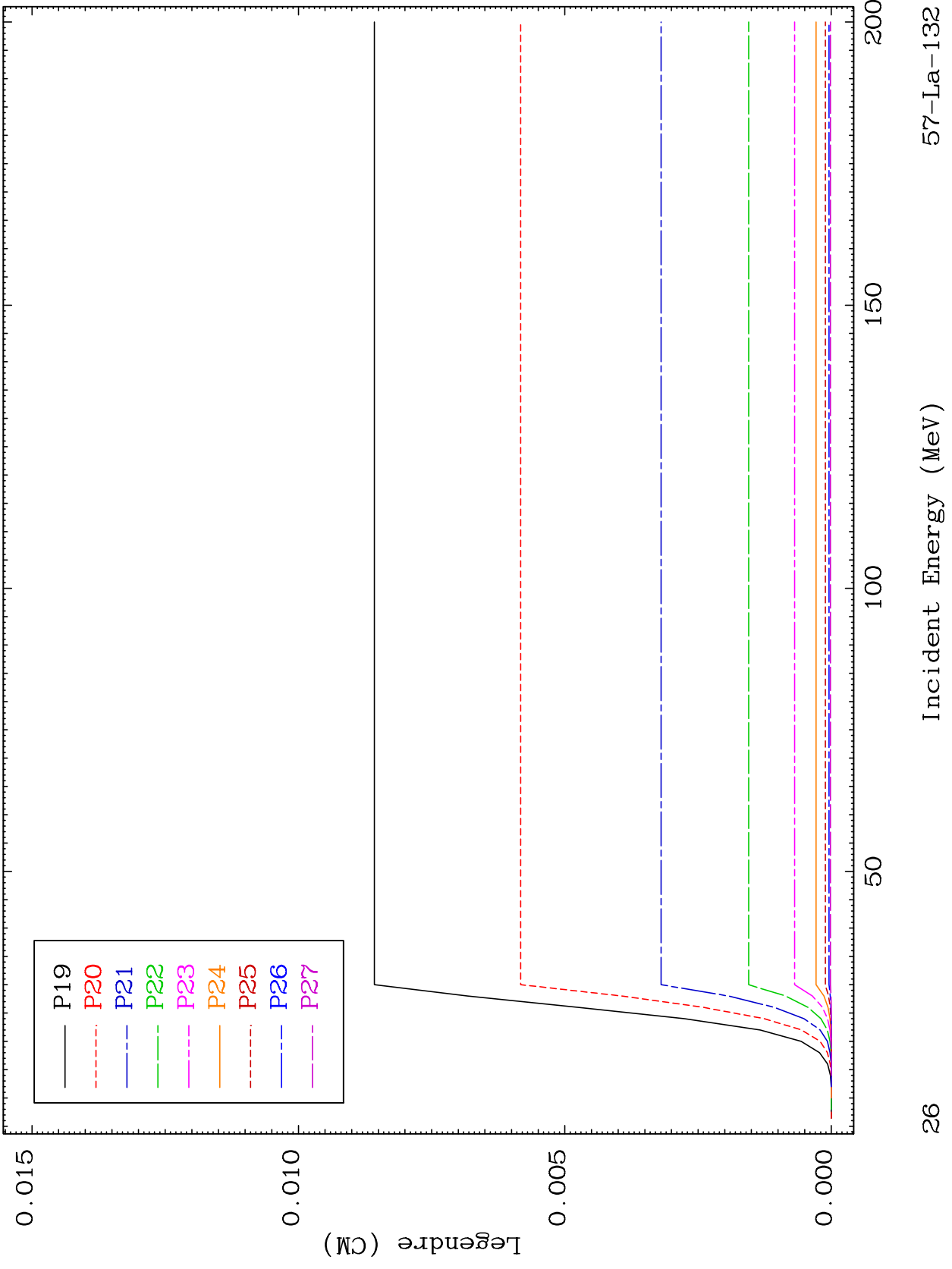
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57-La-132

Incident Energy (MeV)

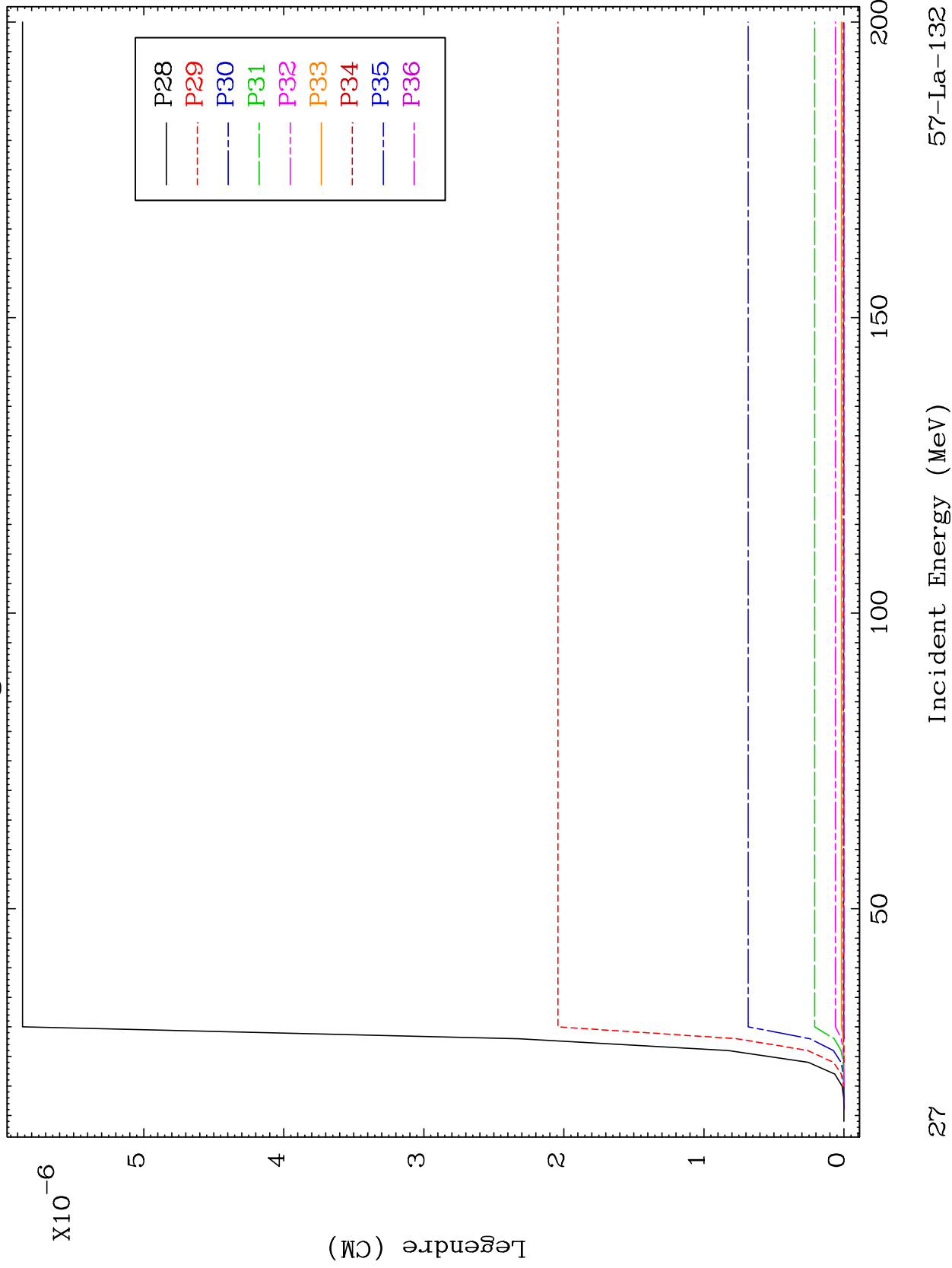
25

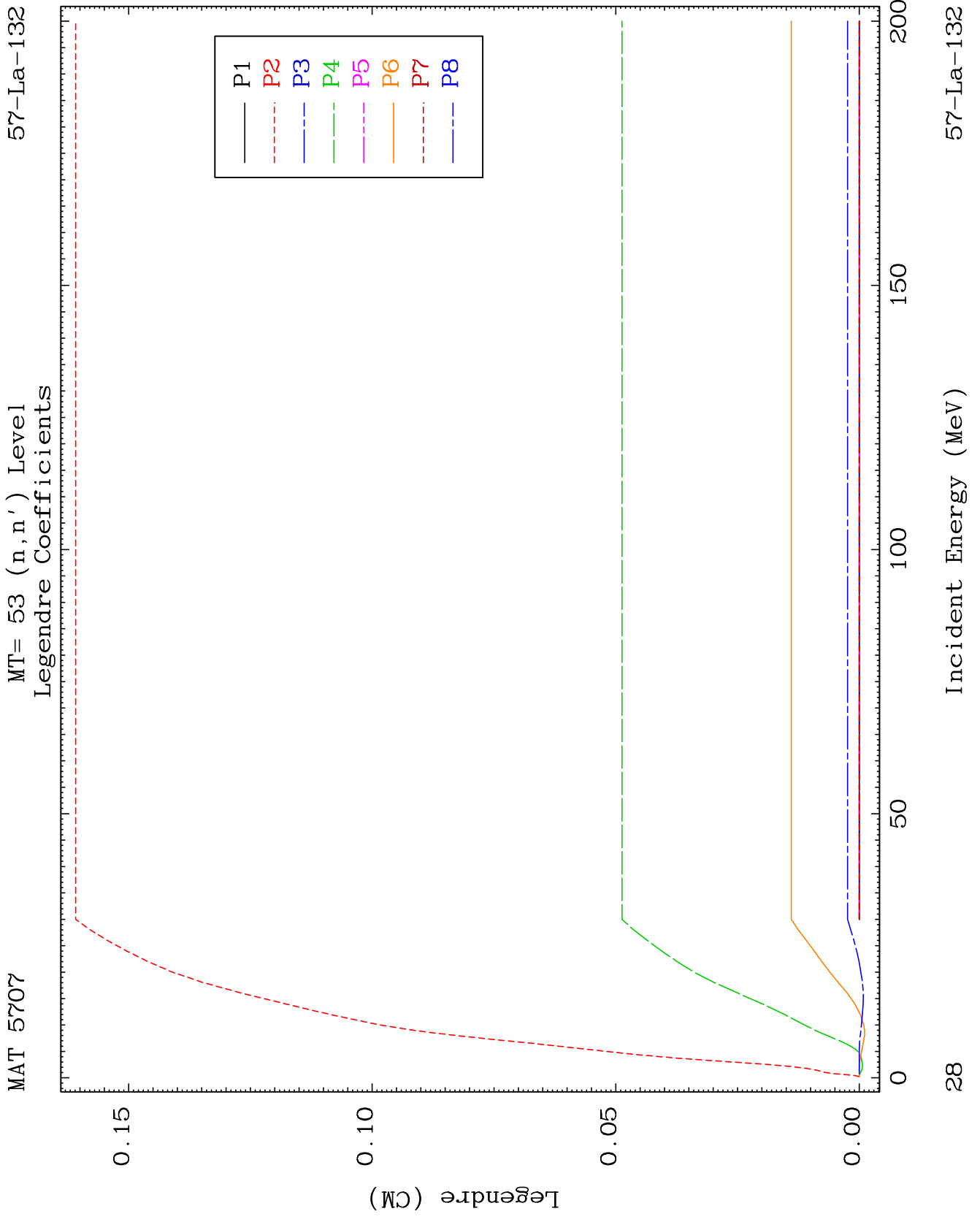


MAT 5707

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

57-La-132

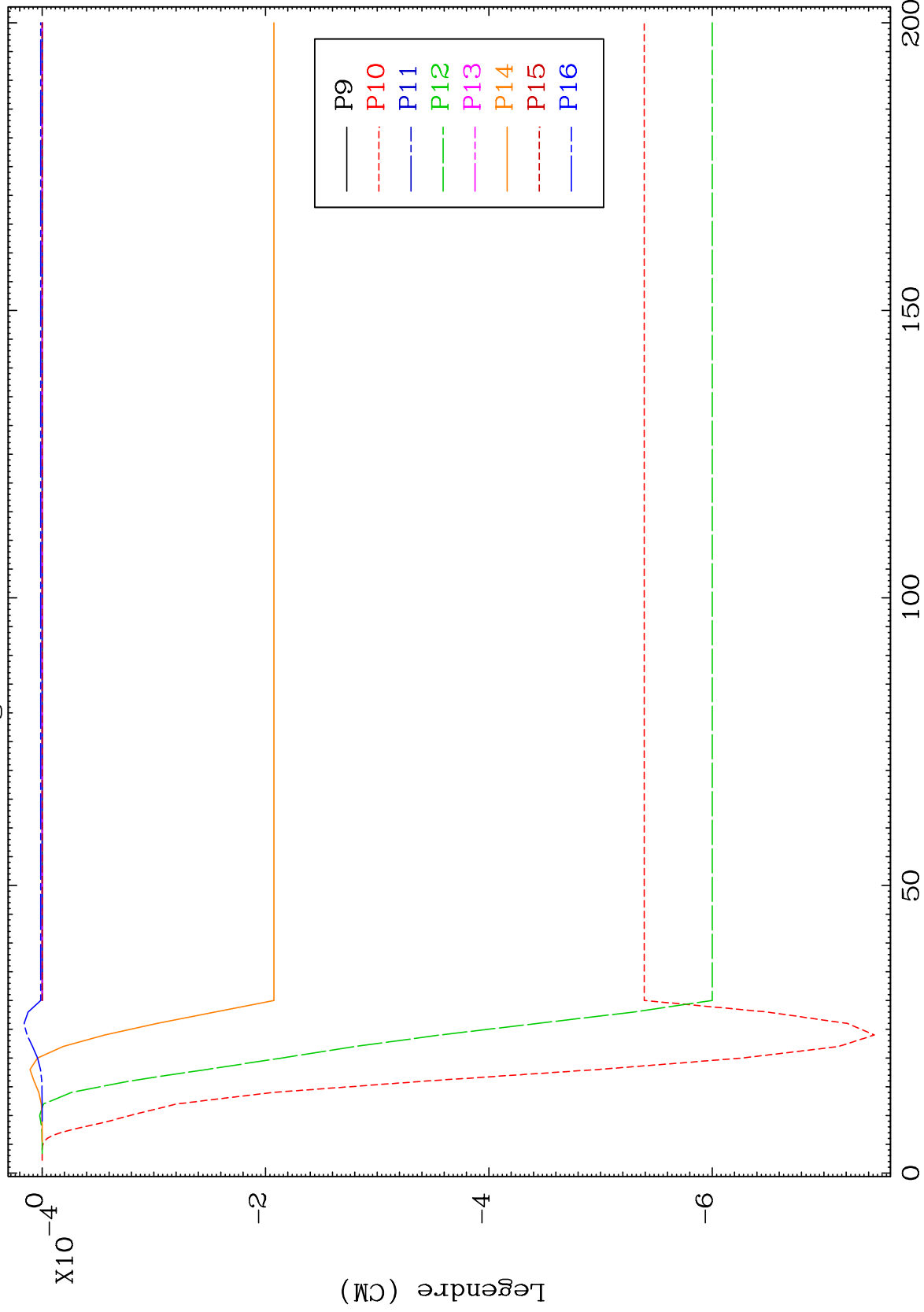




MAT 5707

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

57-La-132



29

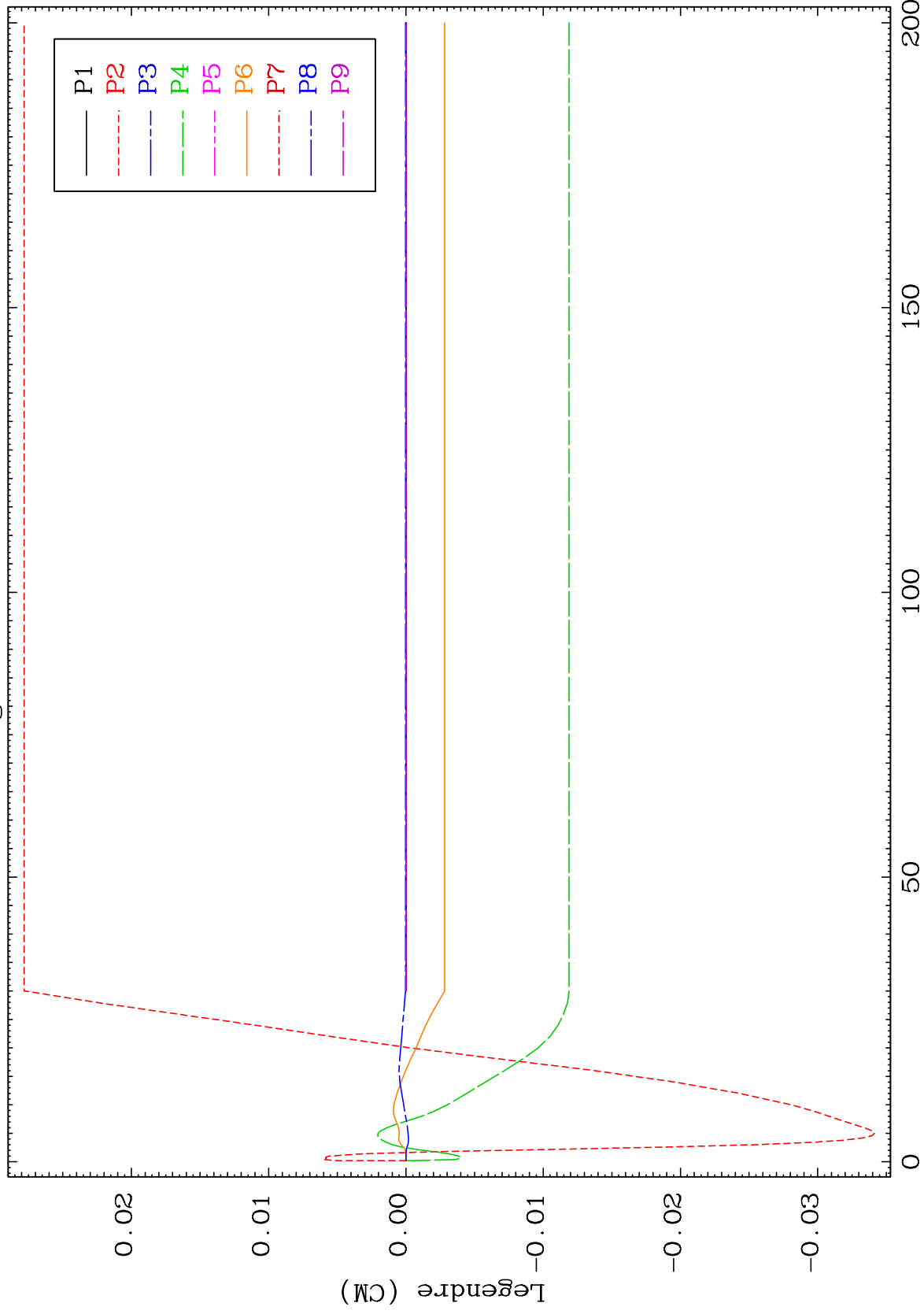
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



31

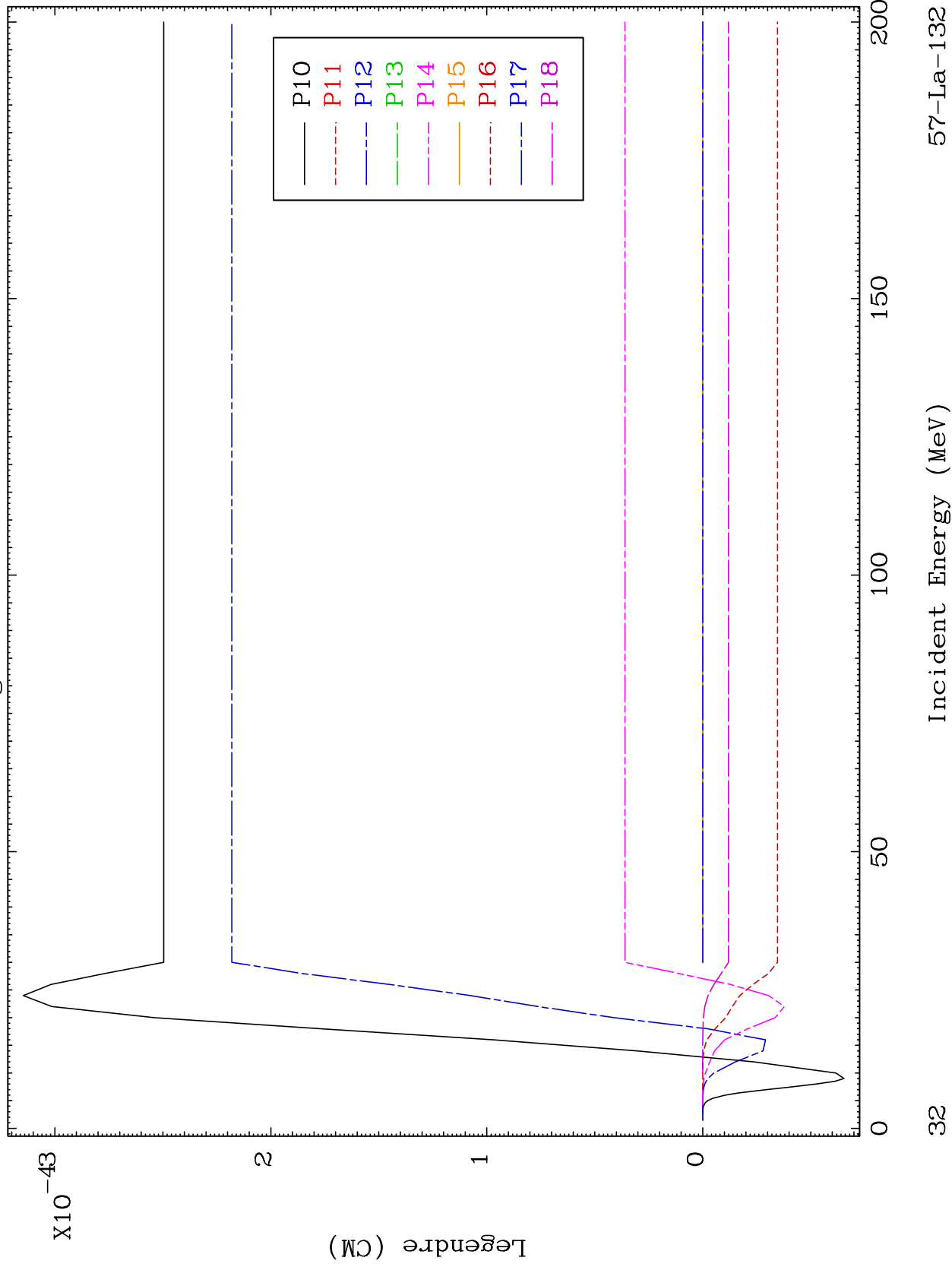
Incident Energy (MeV)

57-La-132

MAT 5707

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

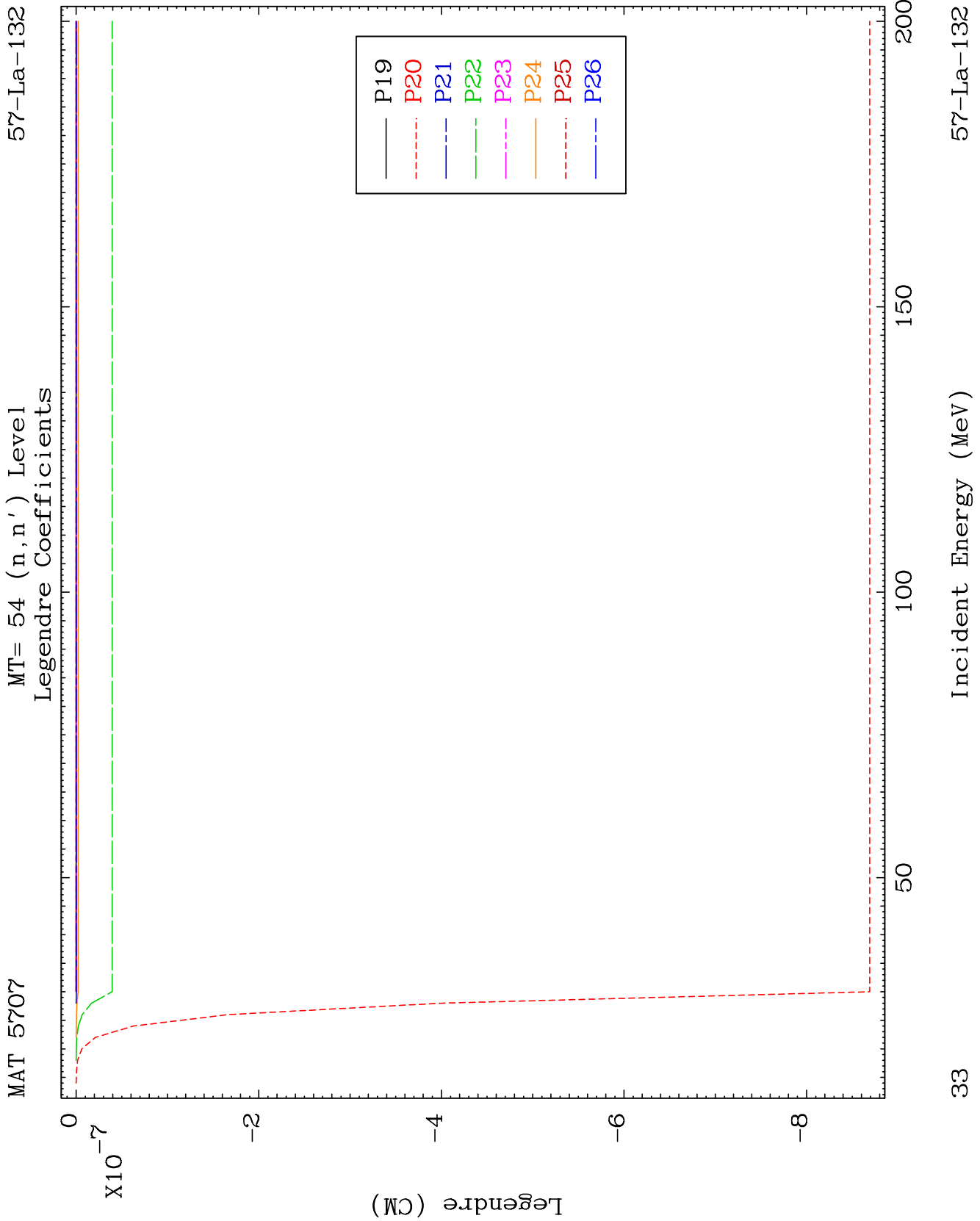
57-La-132



57-La-132

Incident Energy (MeV)

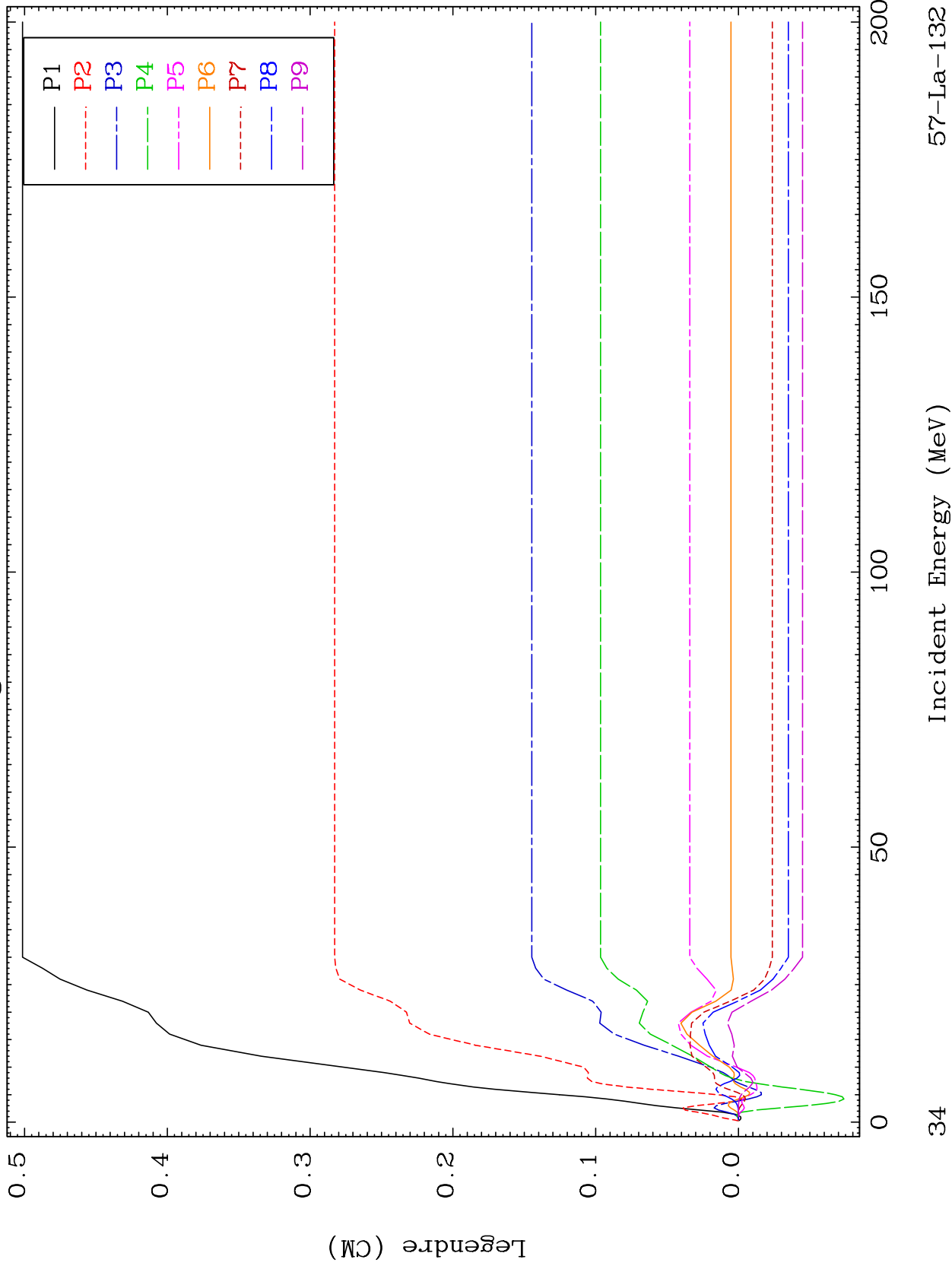
32



MAT 5707

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

57-La-132



34

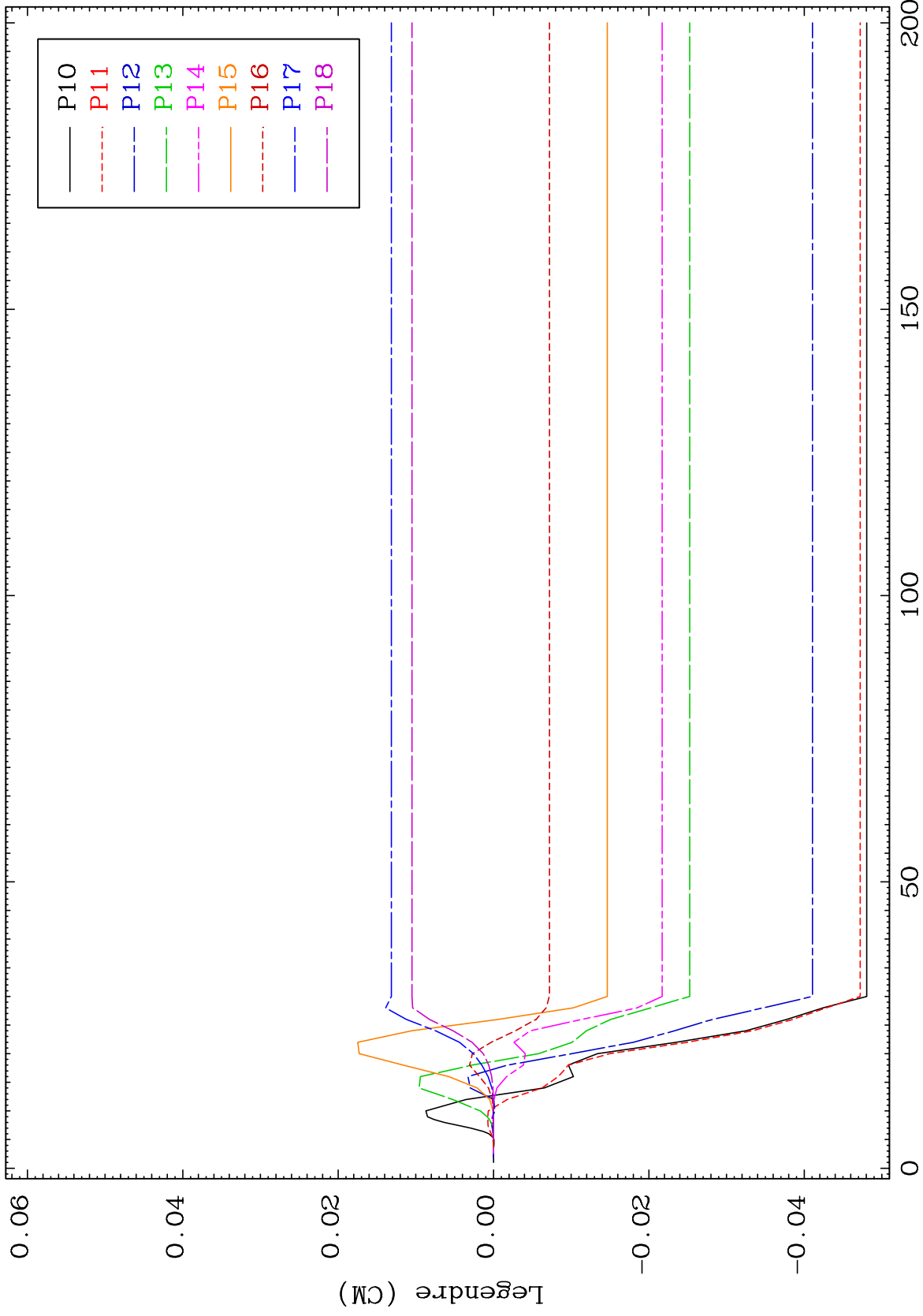
Incident Energy (MeV)

57-La-132

MAT 5707

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

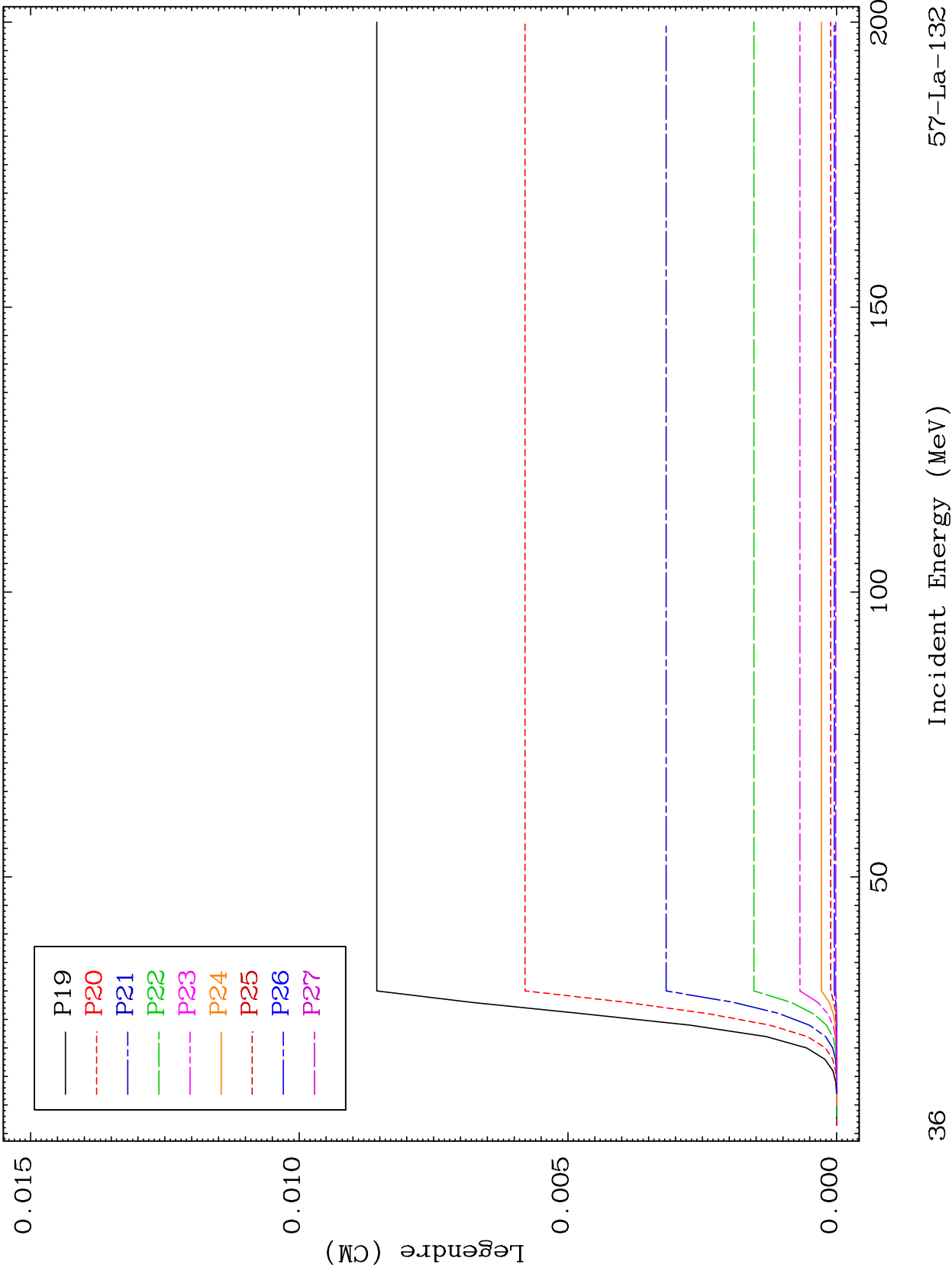
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35

Incident Energy (MeV)

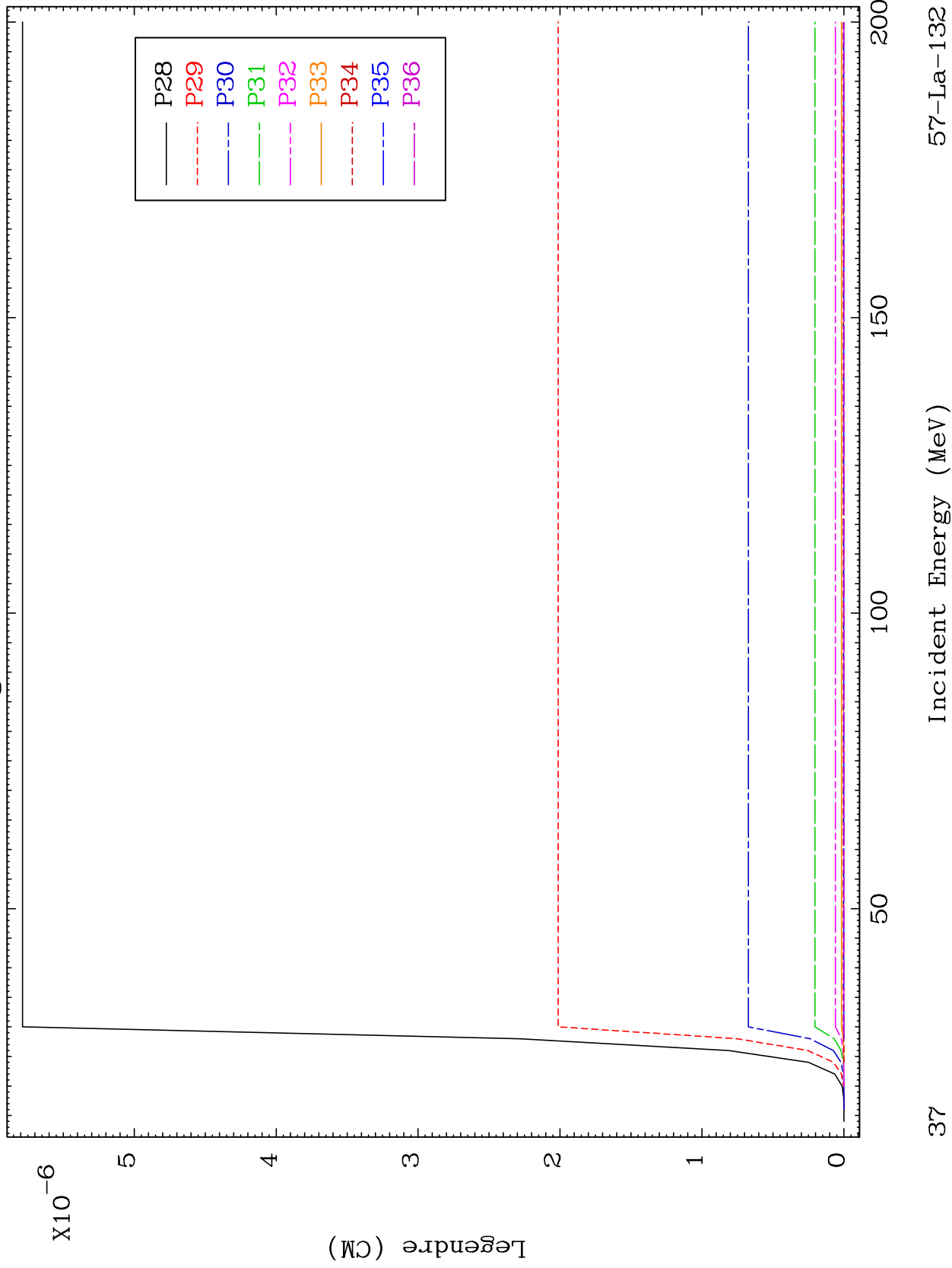
57-La-132



MAT 5707

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

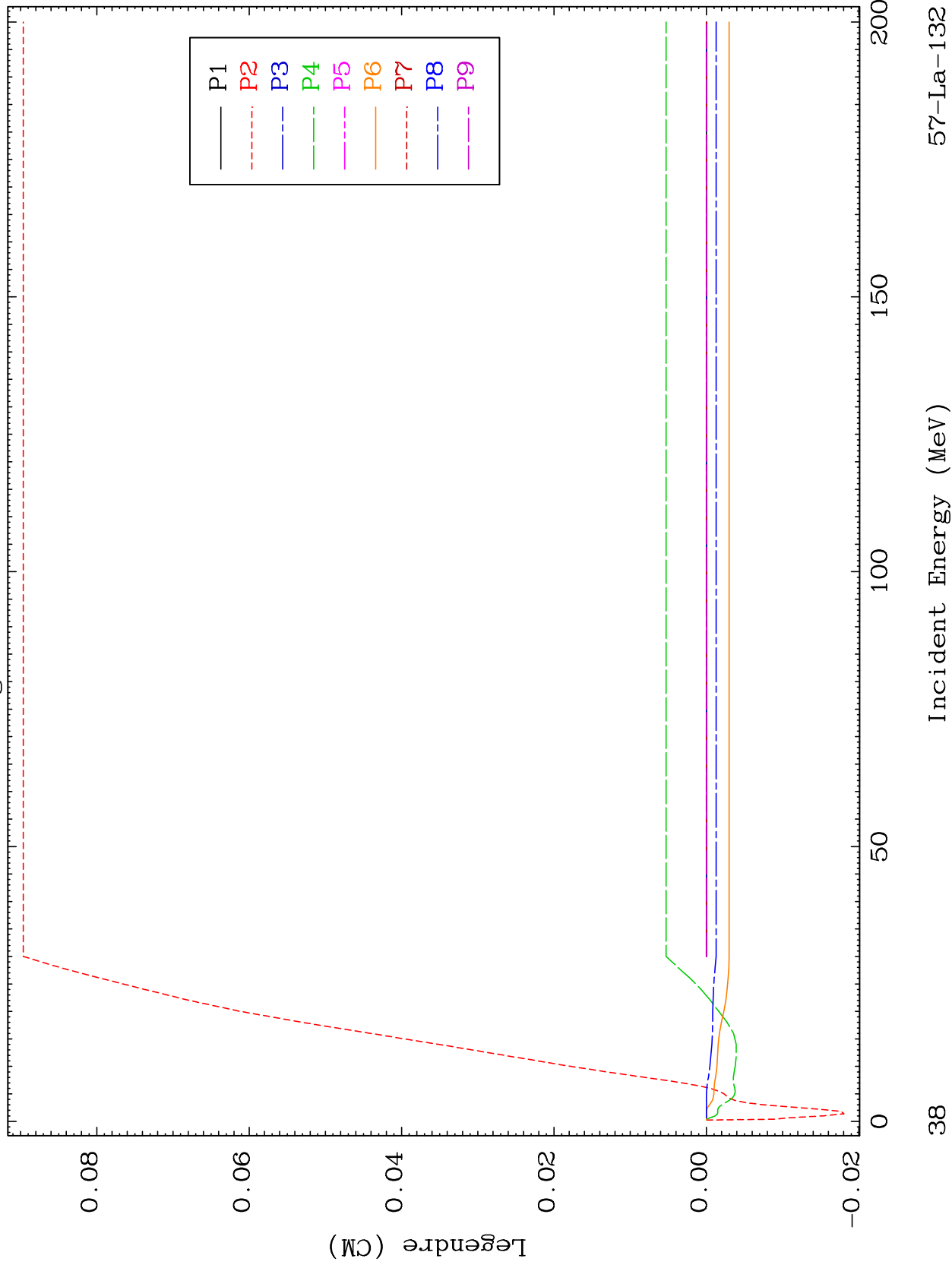
57-La-132



MAT 5707

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

57-La-132



38

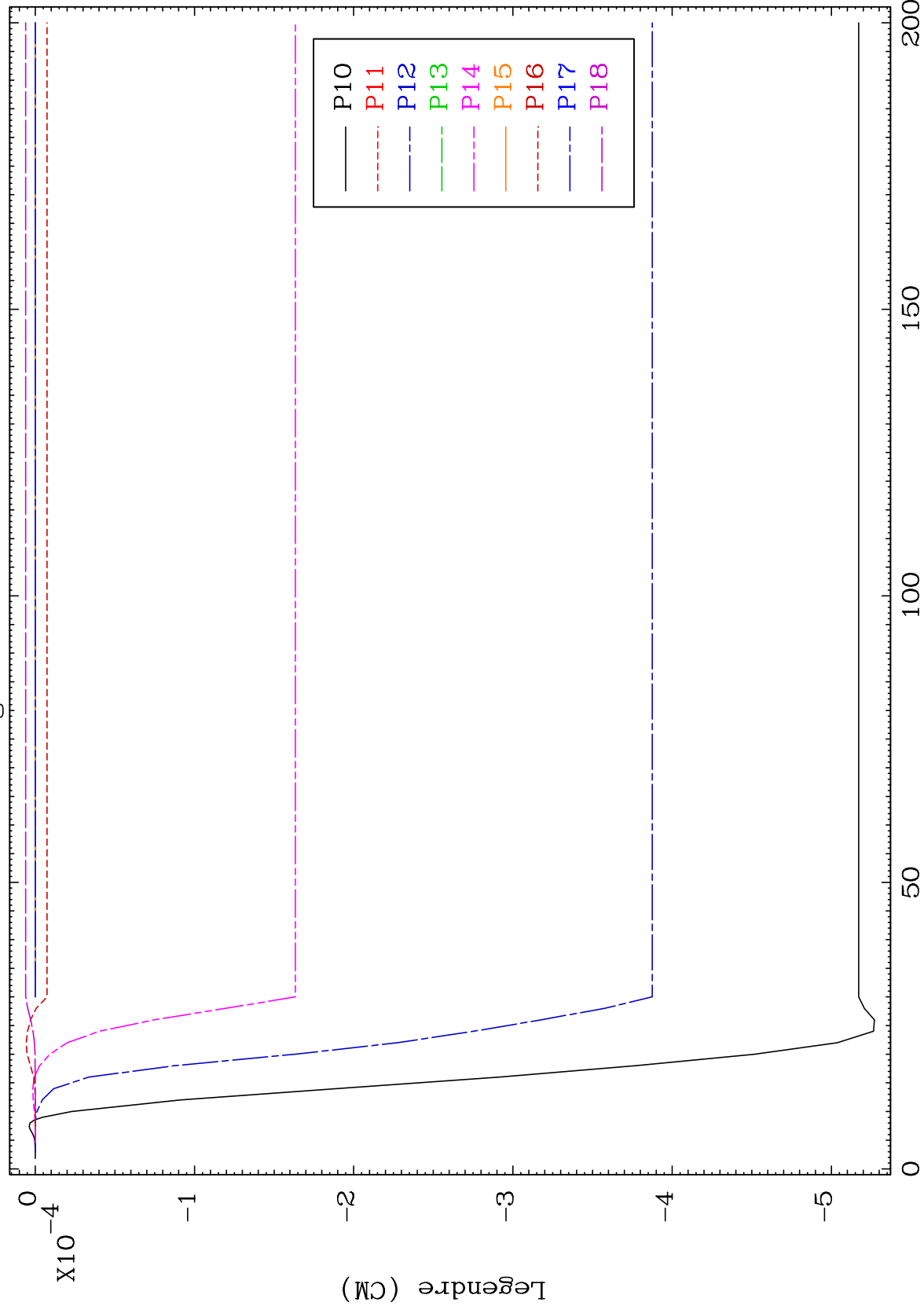
Incident Energy (MeV)

57-La-132

MAT 5707

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

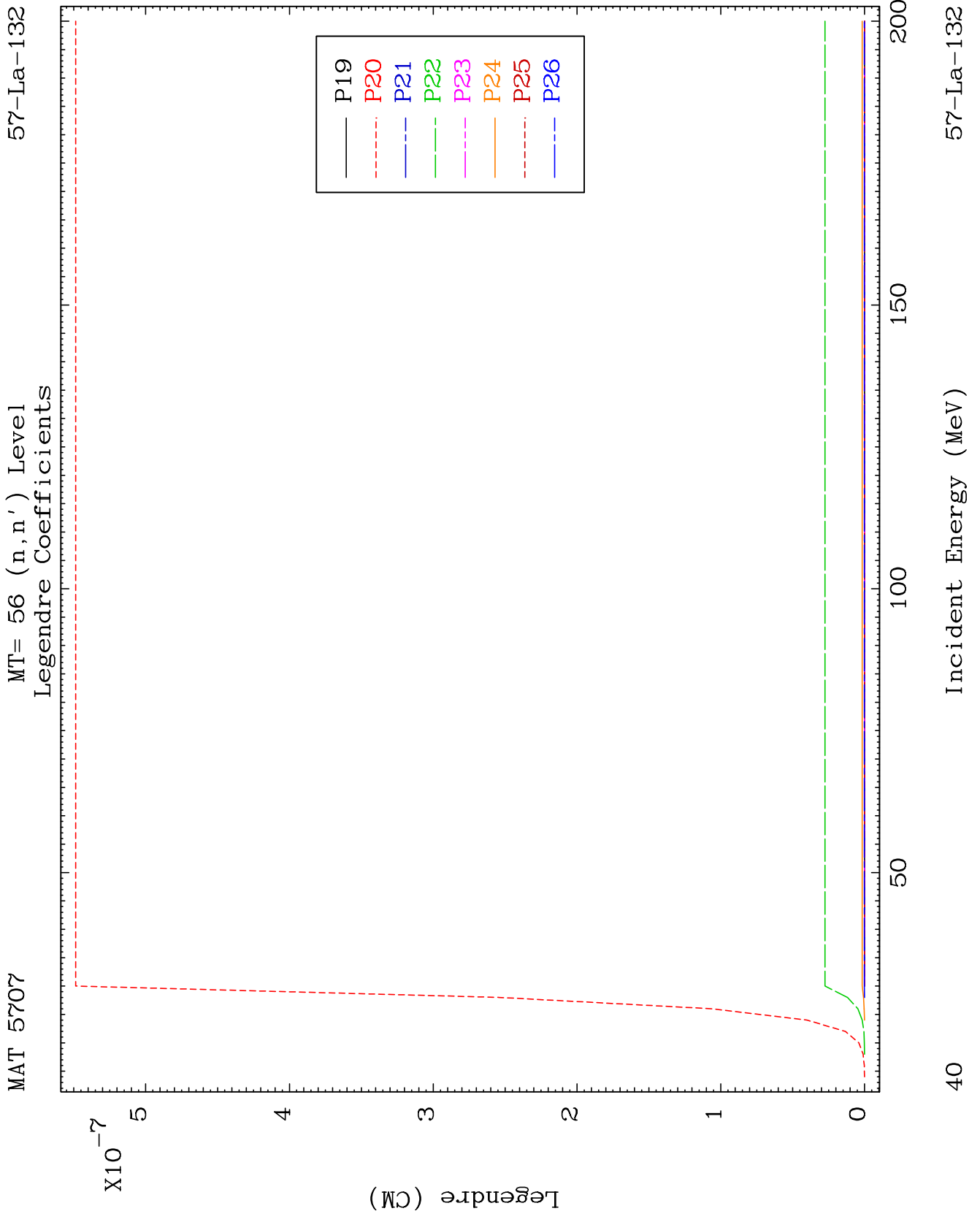
57-La-132



39

Incident Energy (MeV)

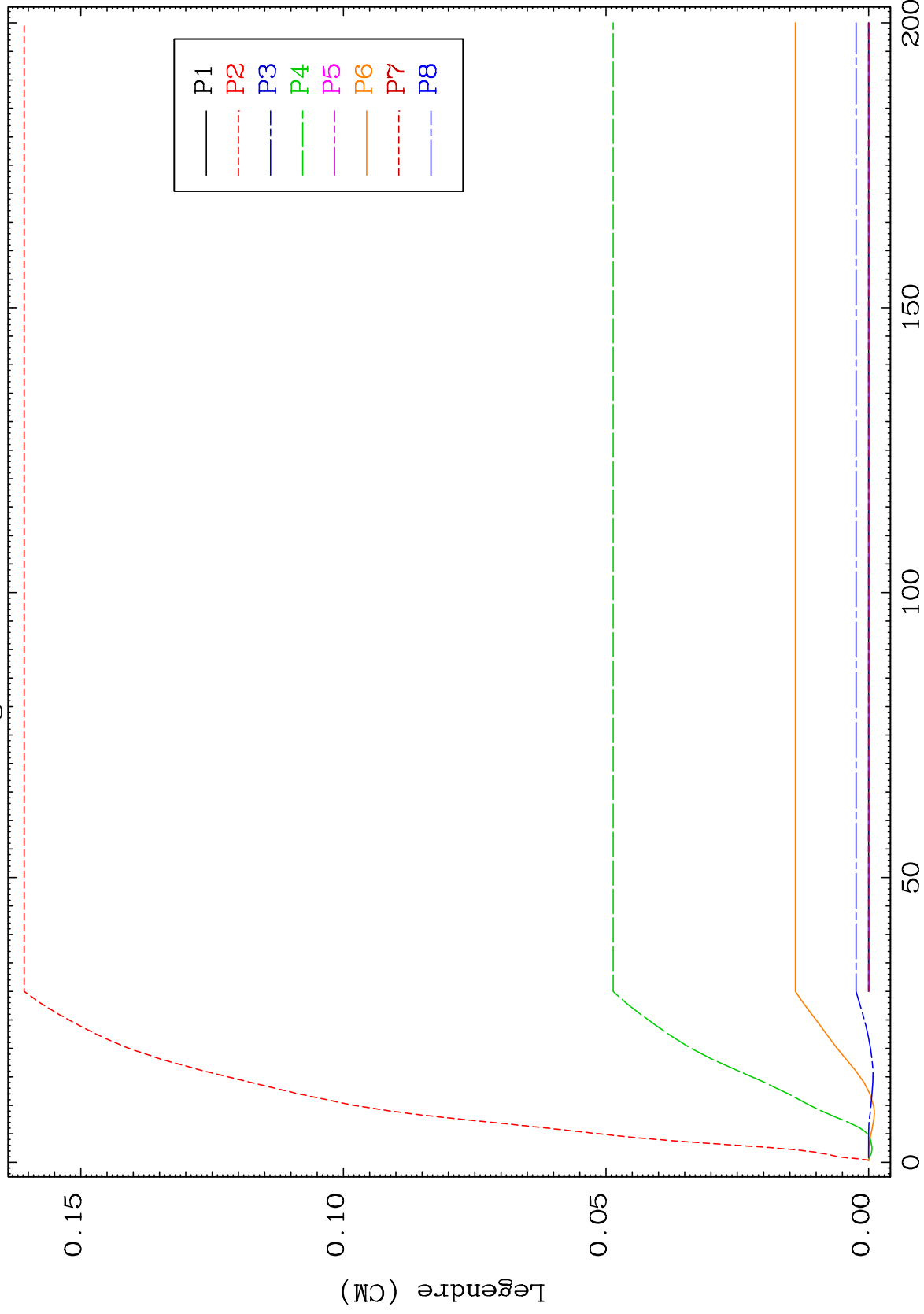
57-La-132



MAT 5707

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

57-La-132



41

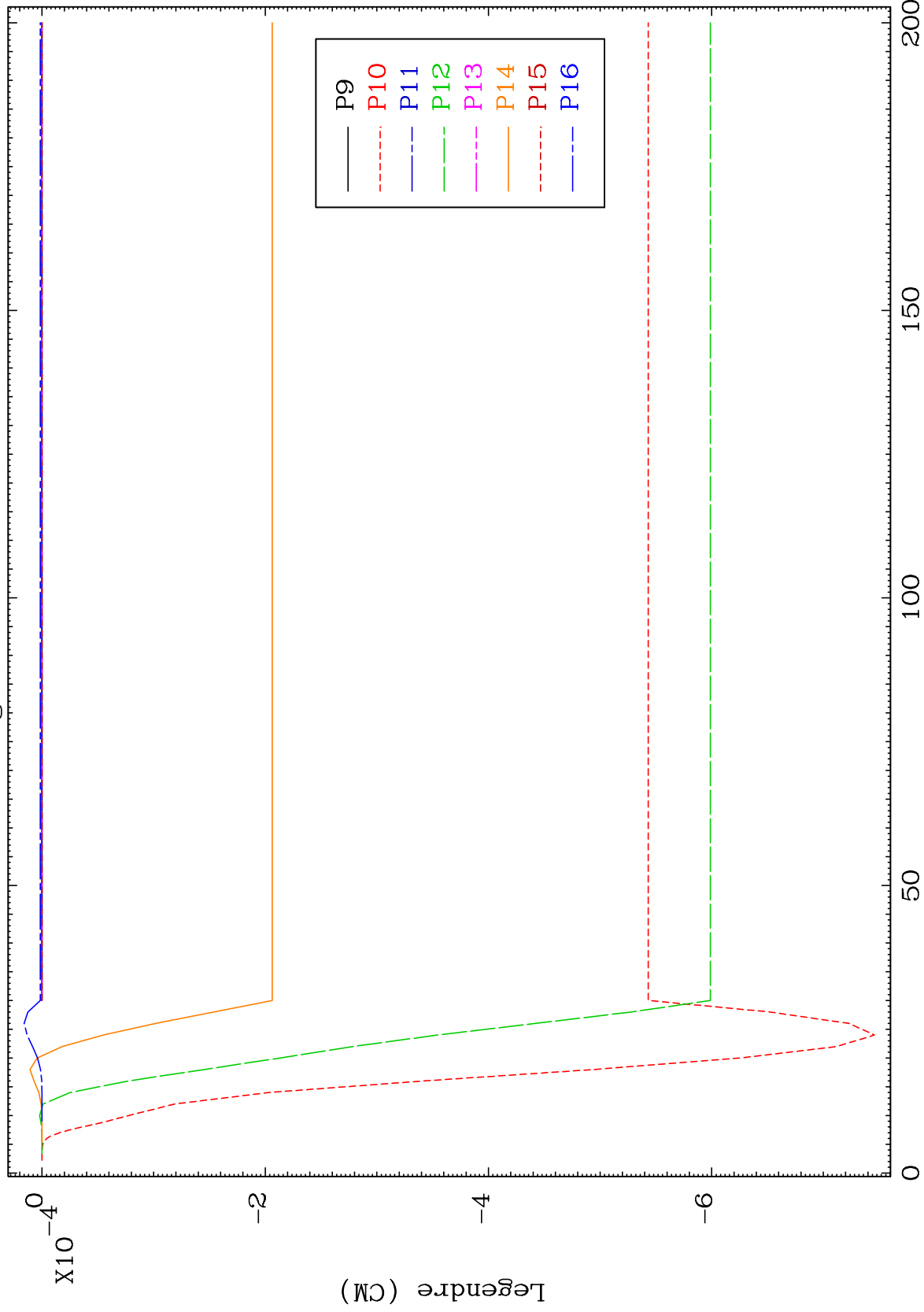
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



42

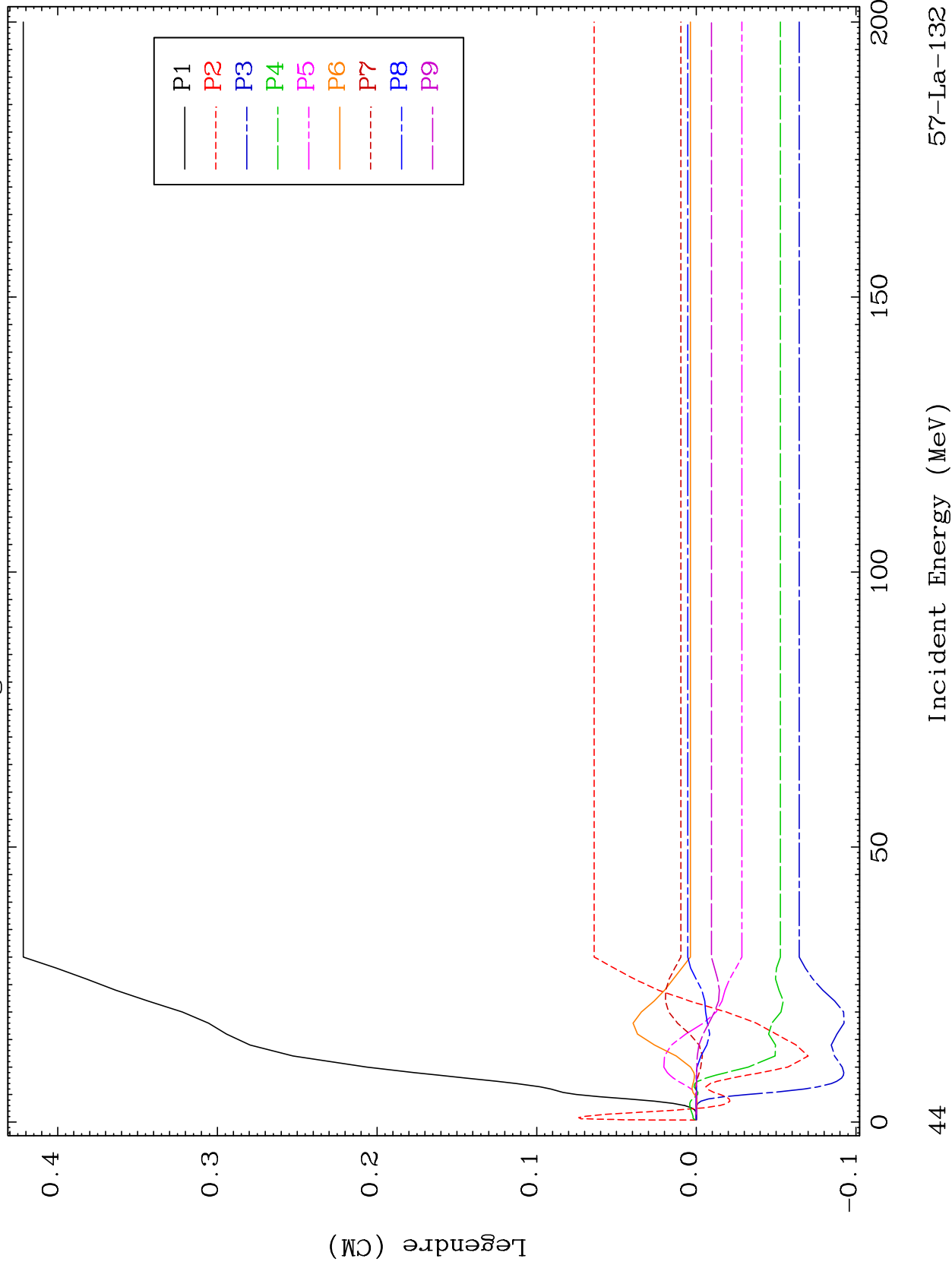
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



57-La-132

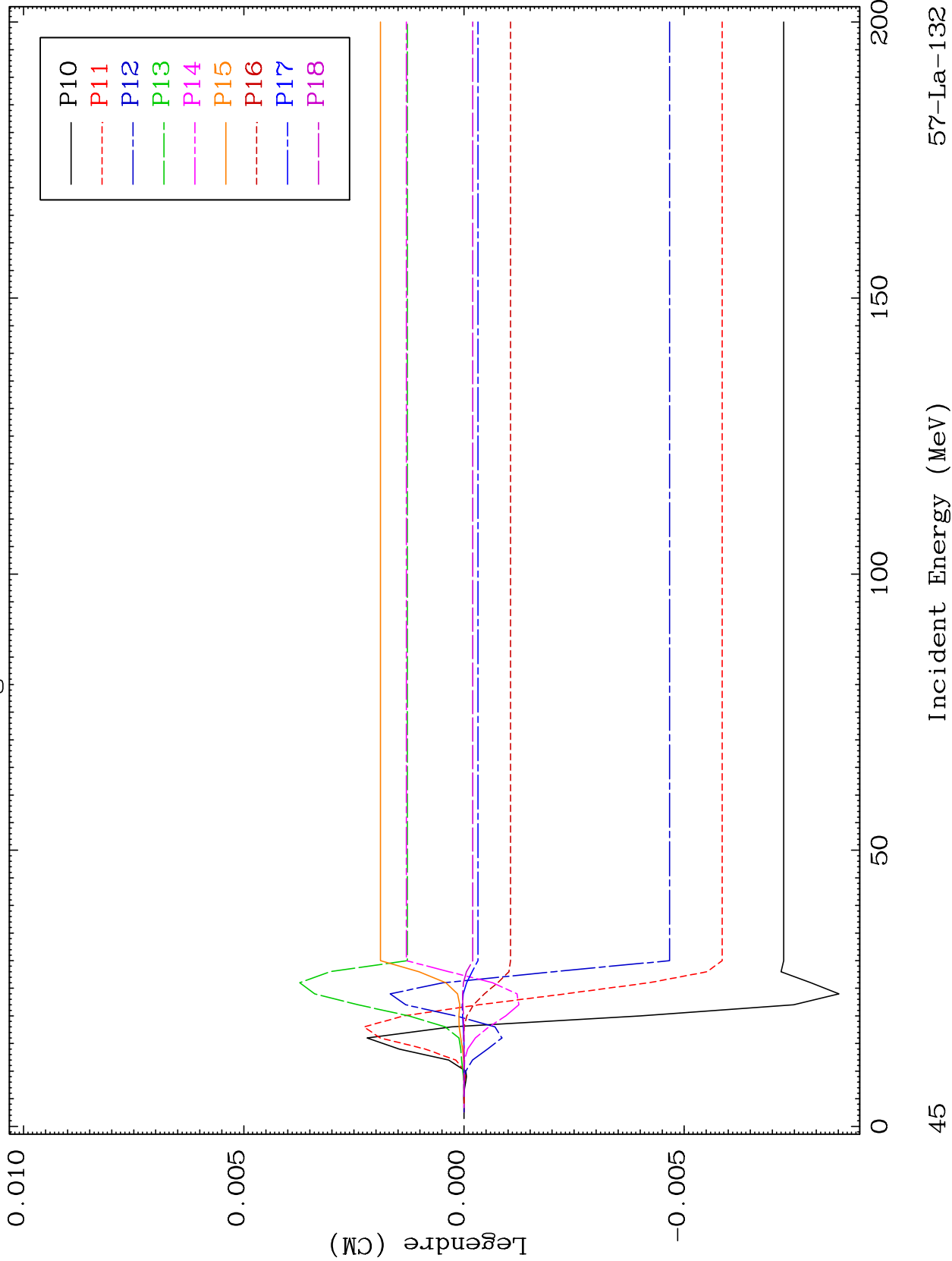
Incident Energy (MeV)

44

MAT 5707

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

57-La-132



57-La-132

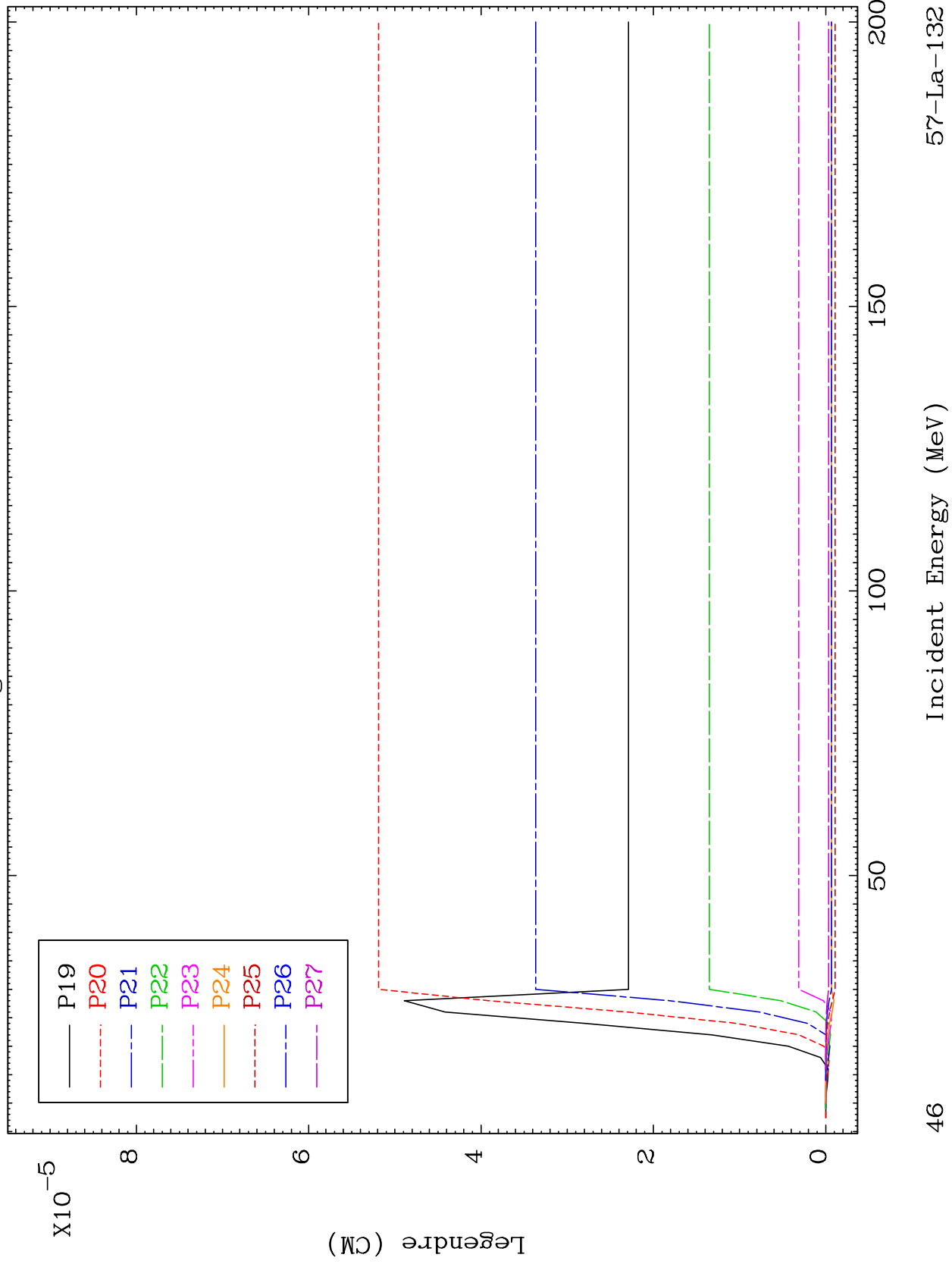
Incident Energy (MeV)

45

MAT 5707

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

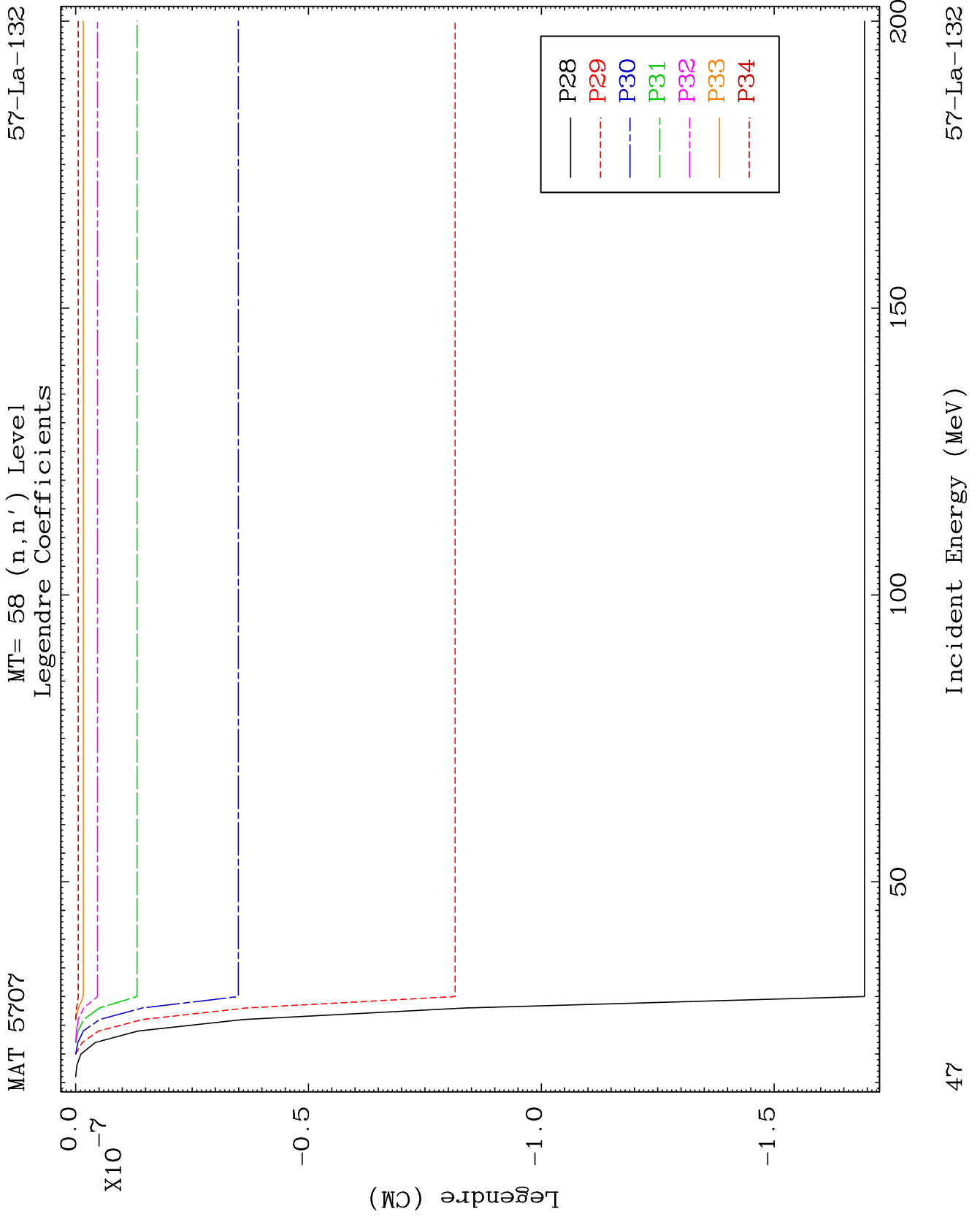
57-La-132



46

Incident Energy (MeV)

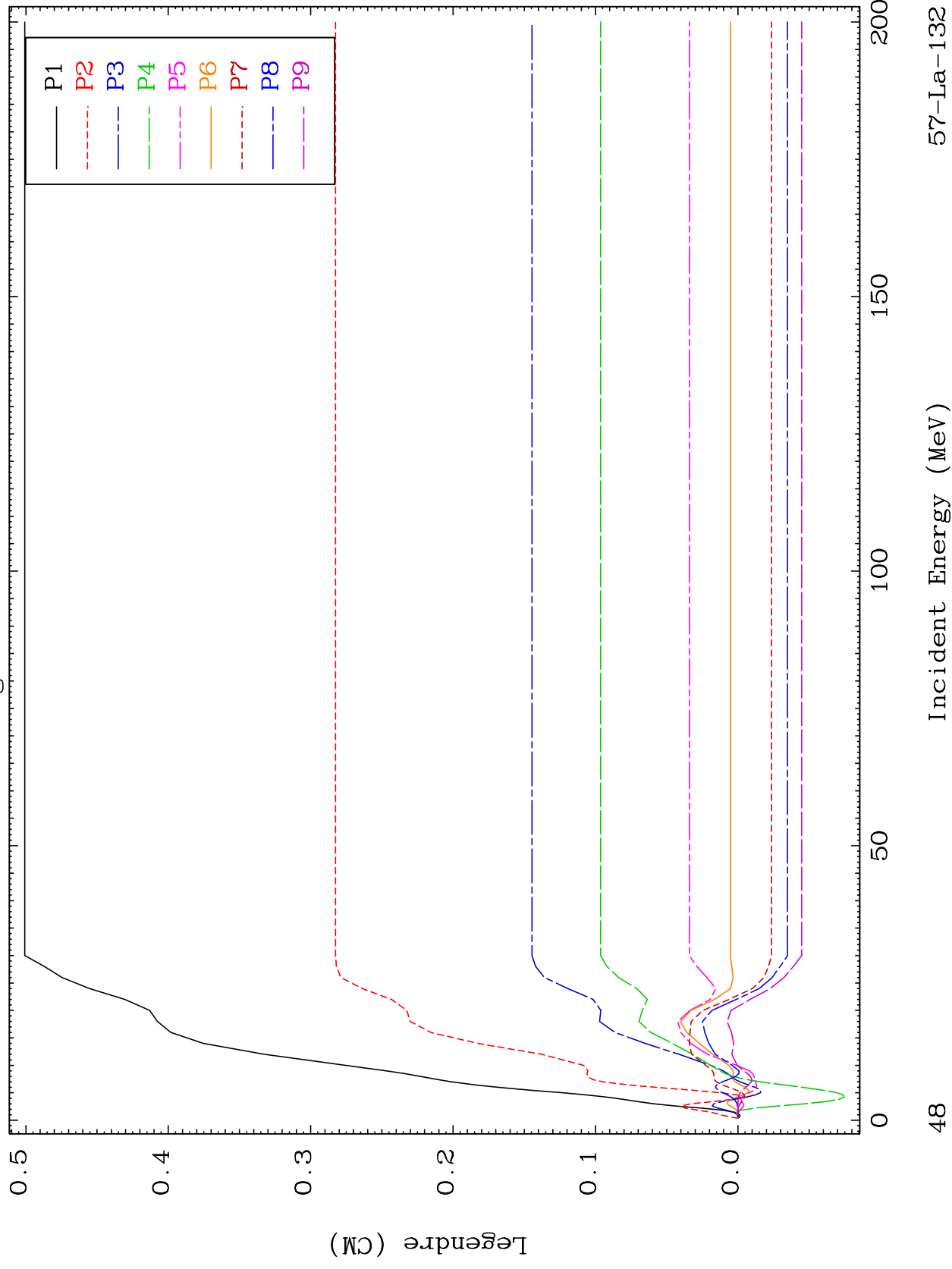
57-La-132



MAT 5707

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

57-La-132



57-La-132

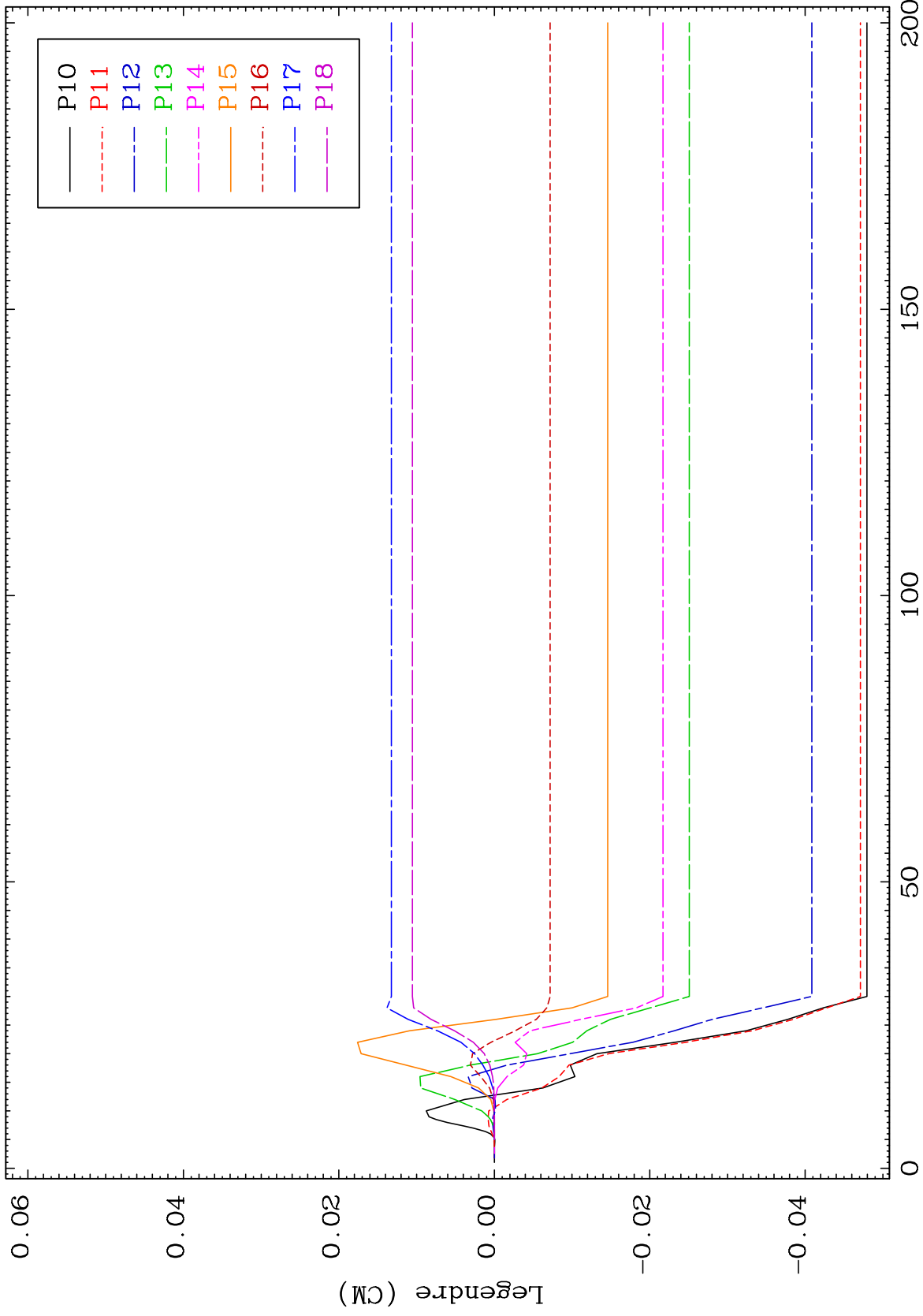
Incident Energy (MeV)

48

MAT 5707

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

57-La-132



49

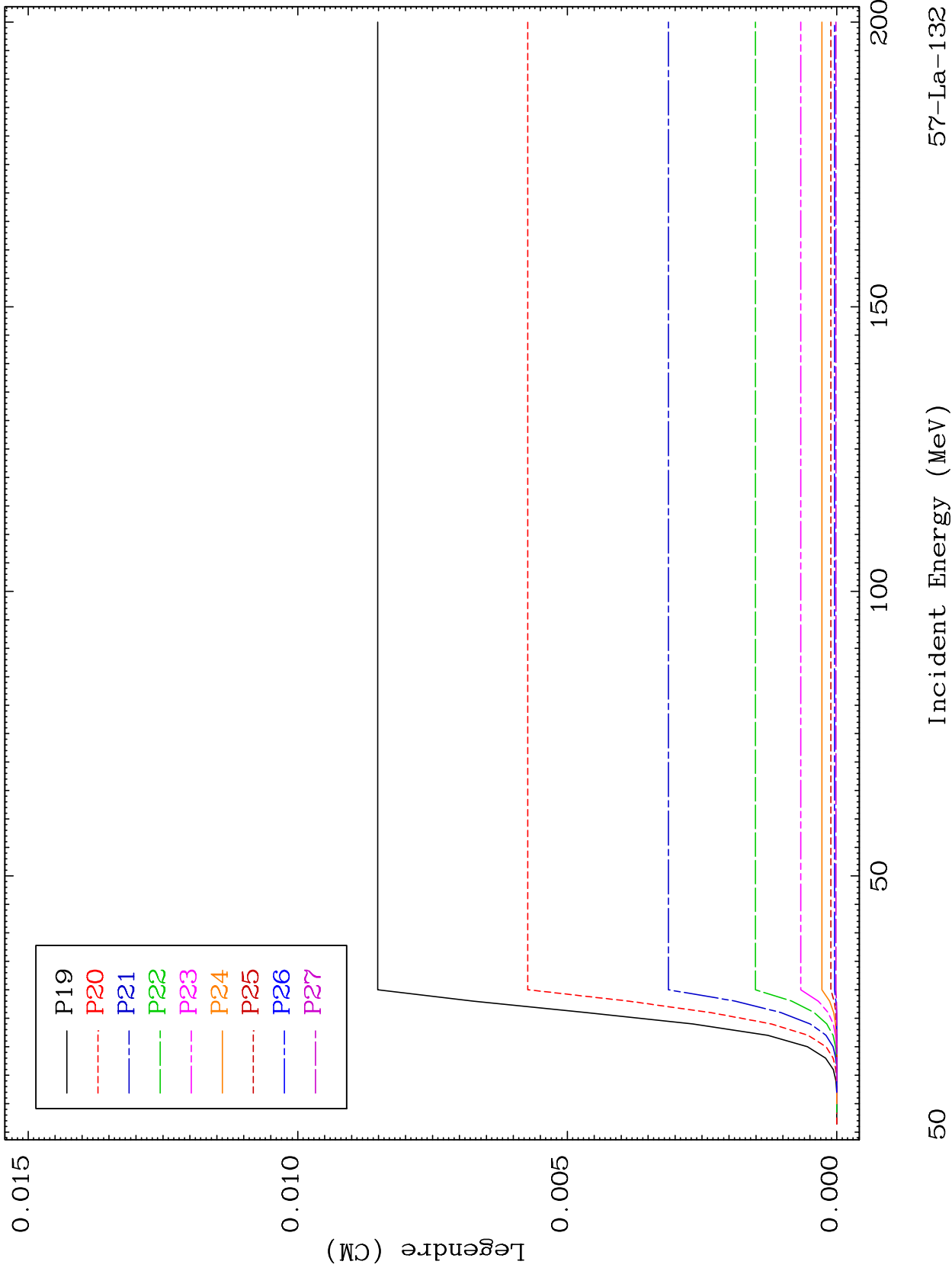
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



57-La-132

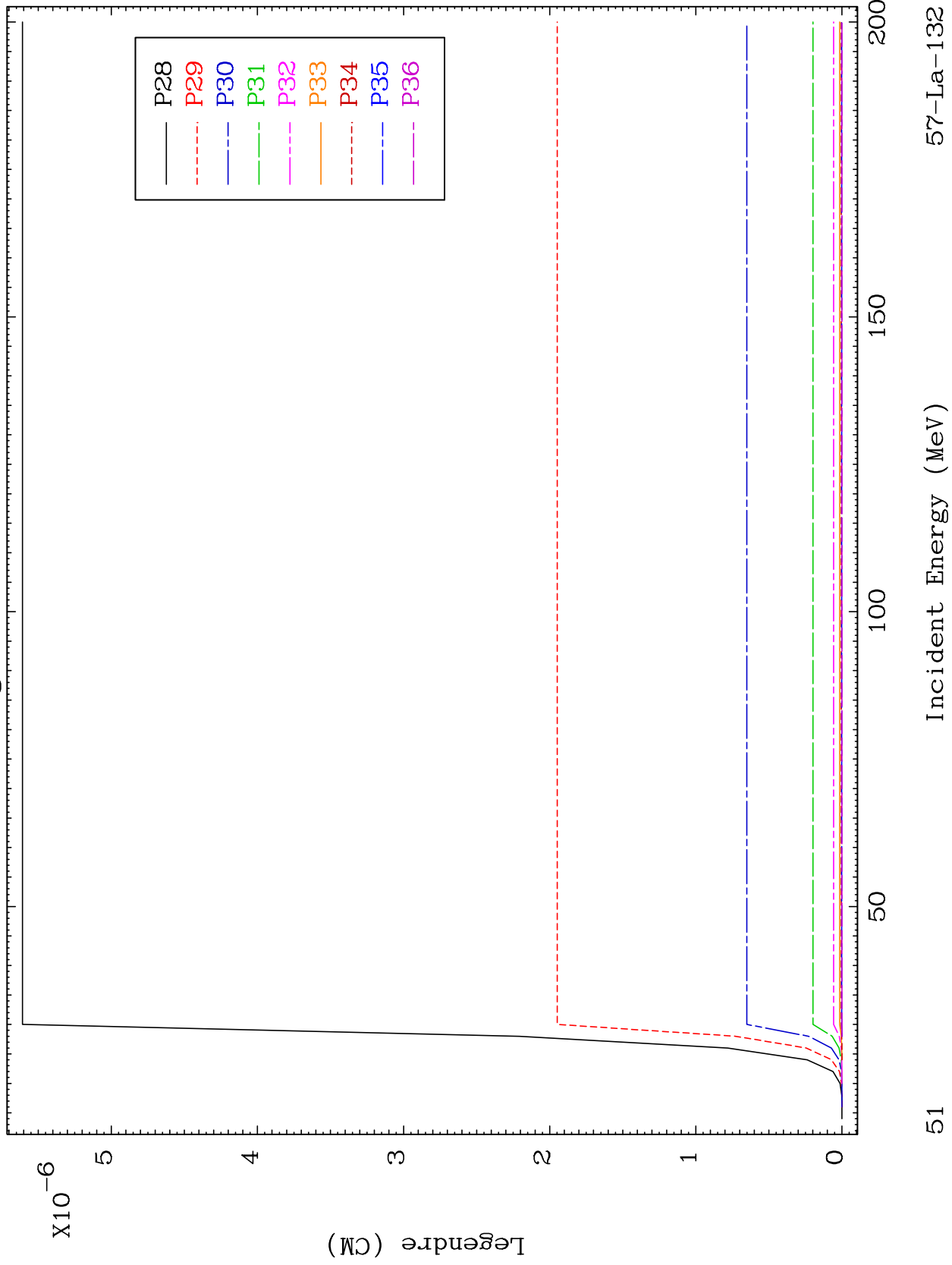
Incident Energy (MeV)

50

MAT 5707

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

57-La-132



51

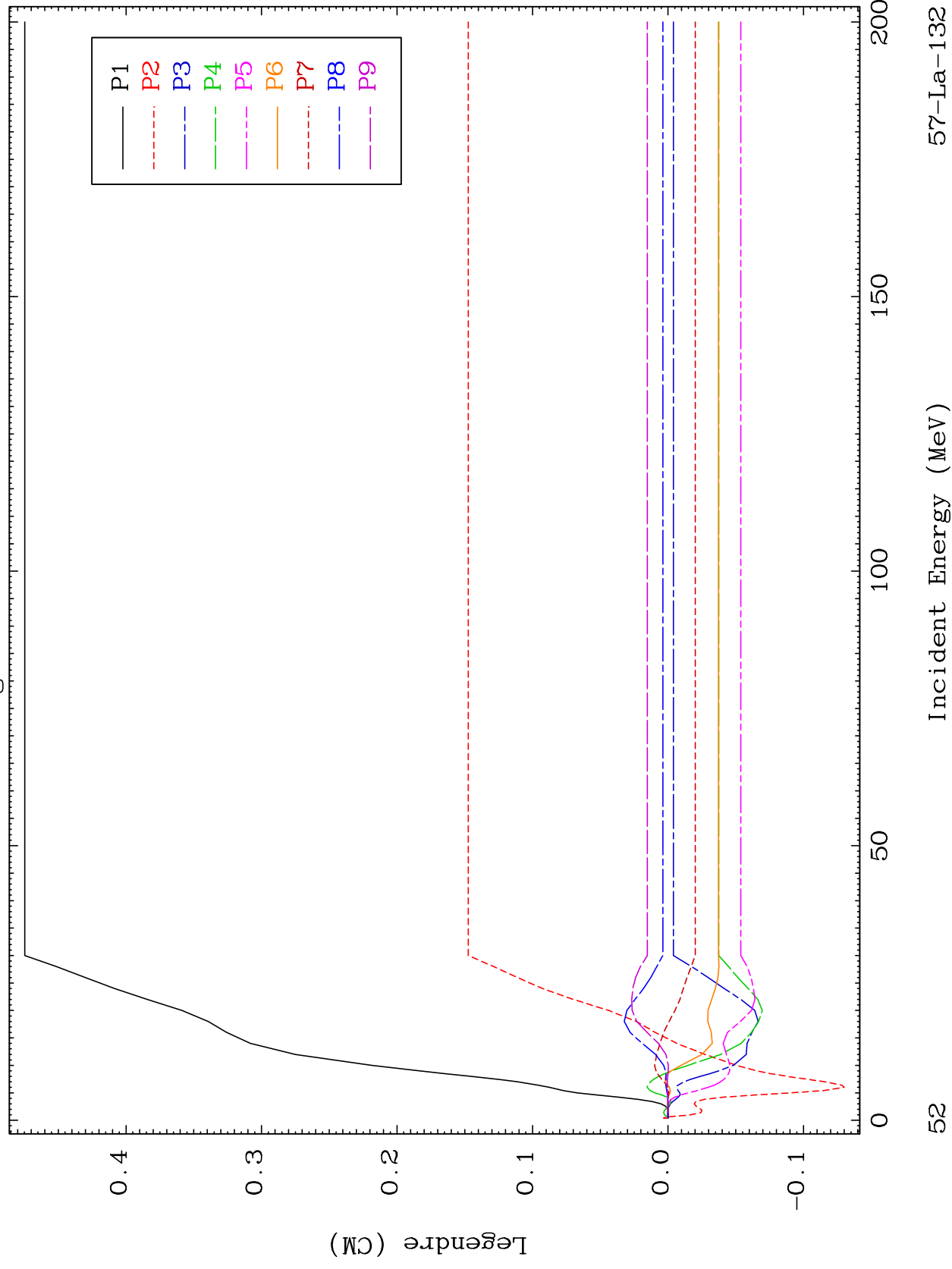
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



57-La-132

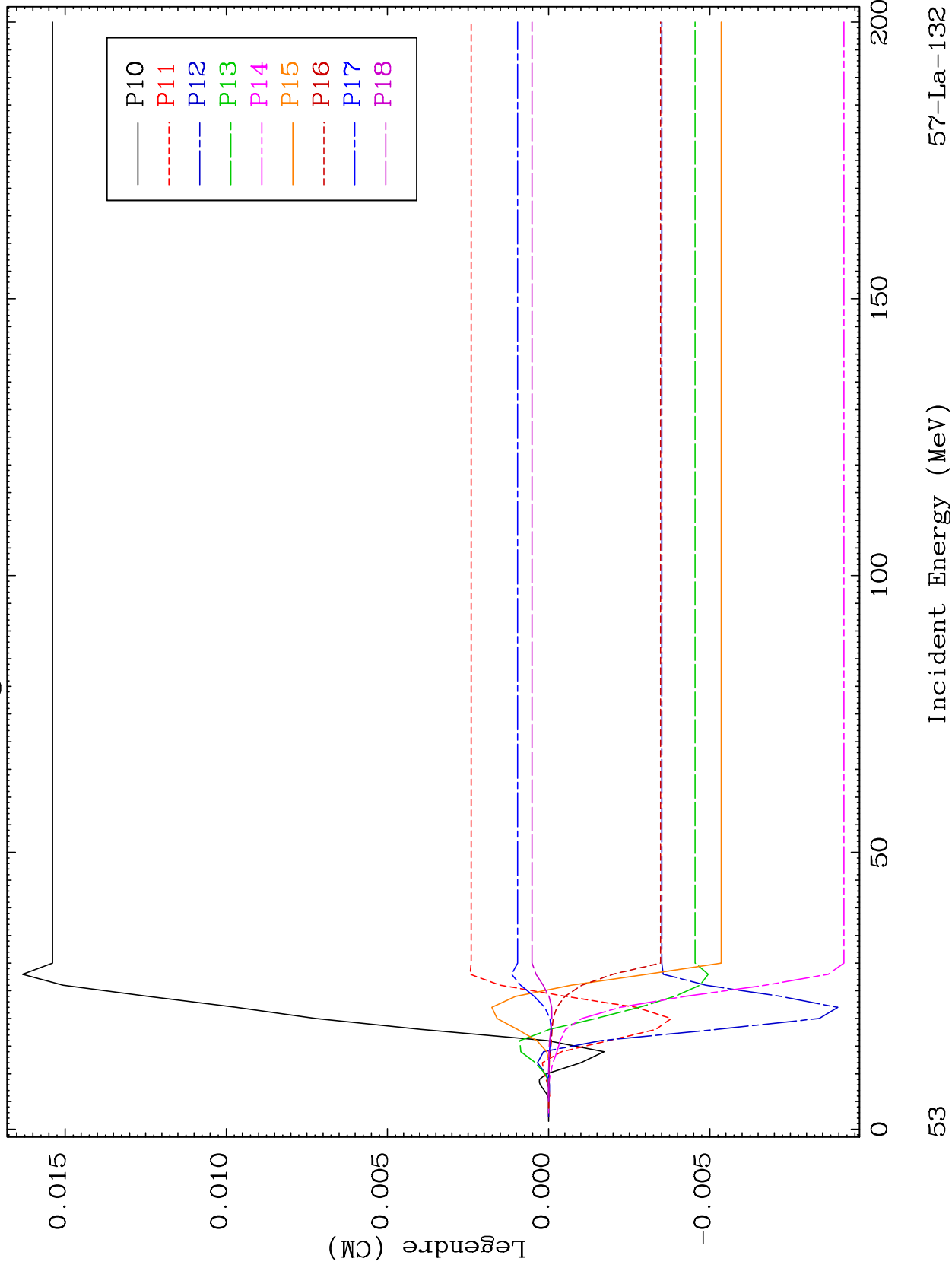
Incident Energy (MeV)

52

MAT 5707

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

57-La-132



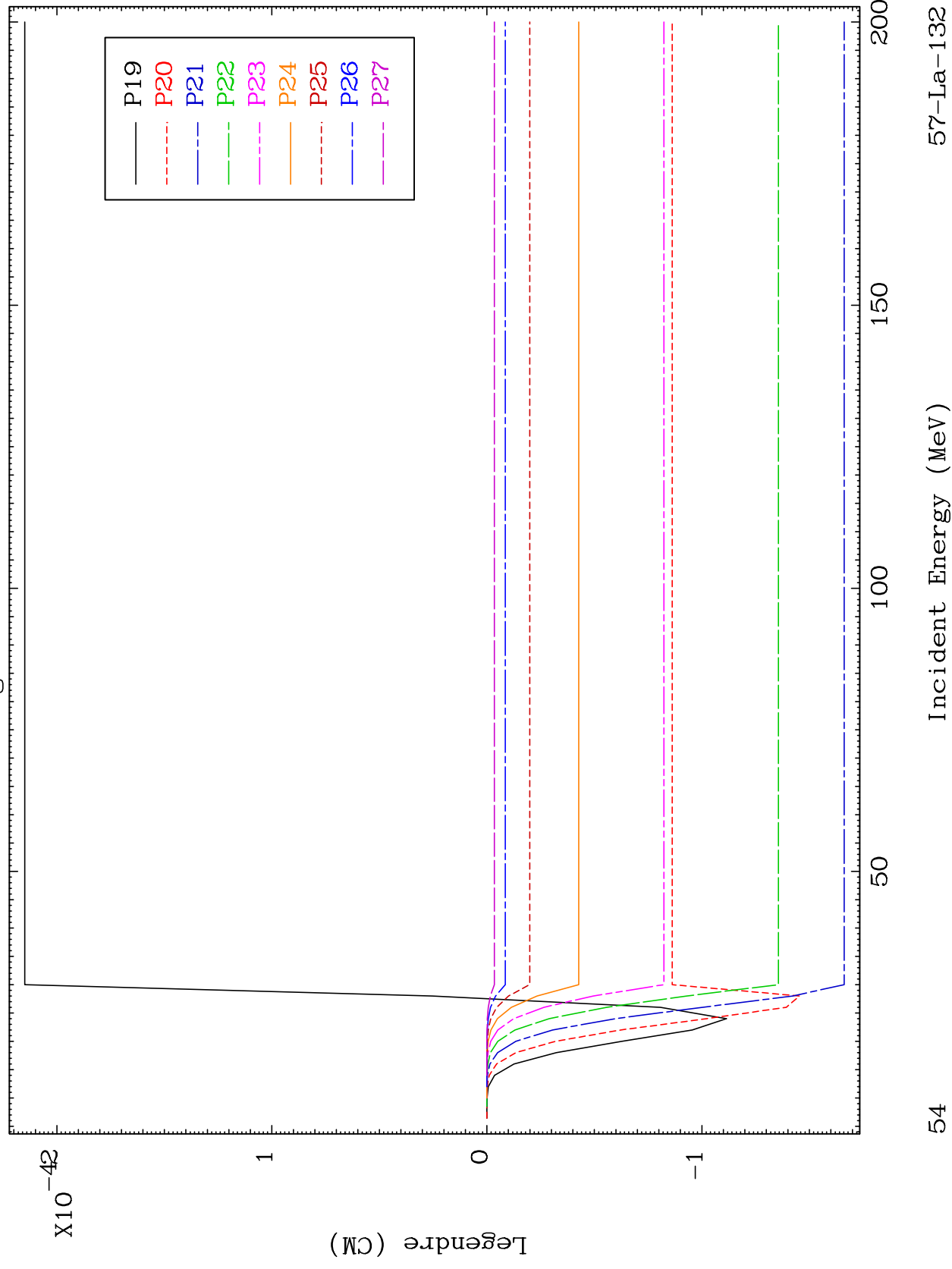
53

57-La-132

MAT 5707

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

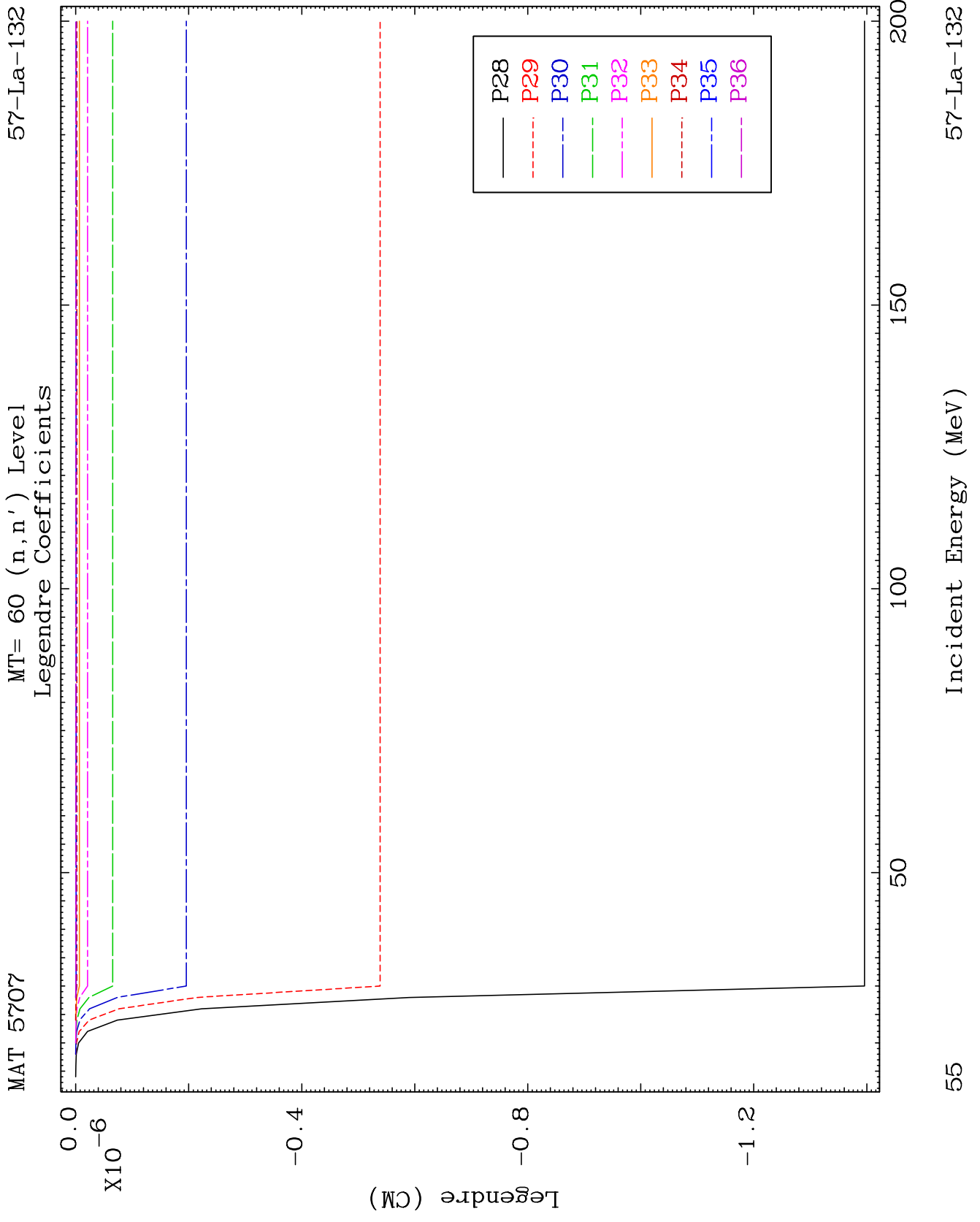
57-La-132



54

Incident Energy (MeV)

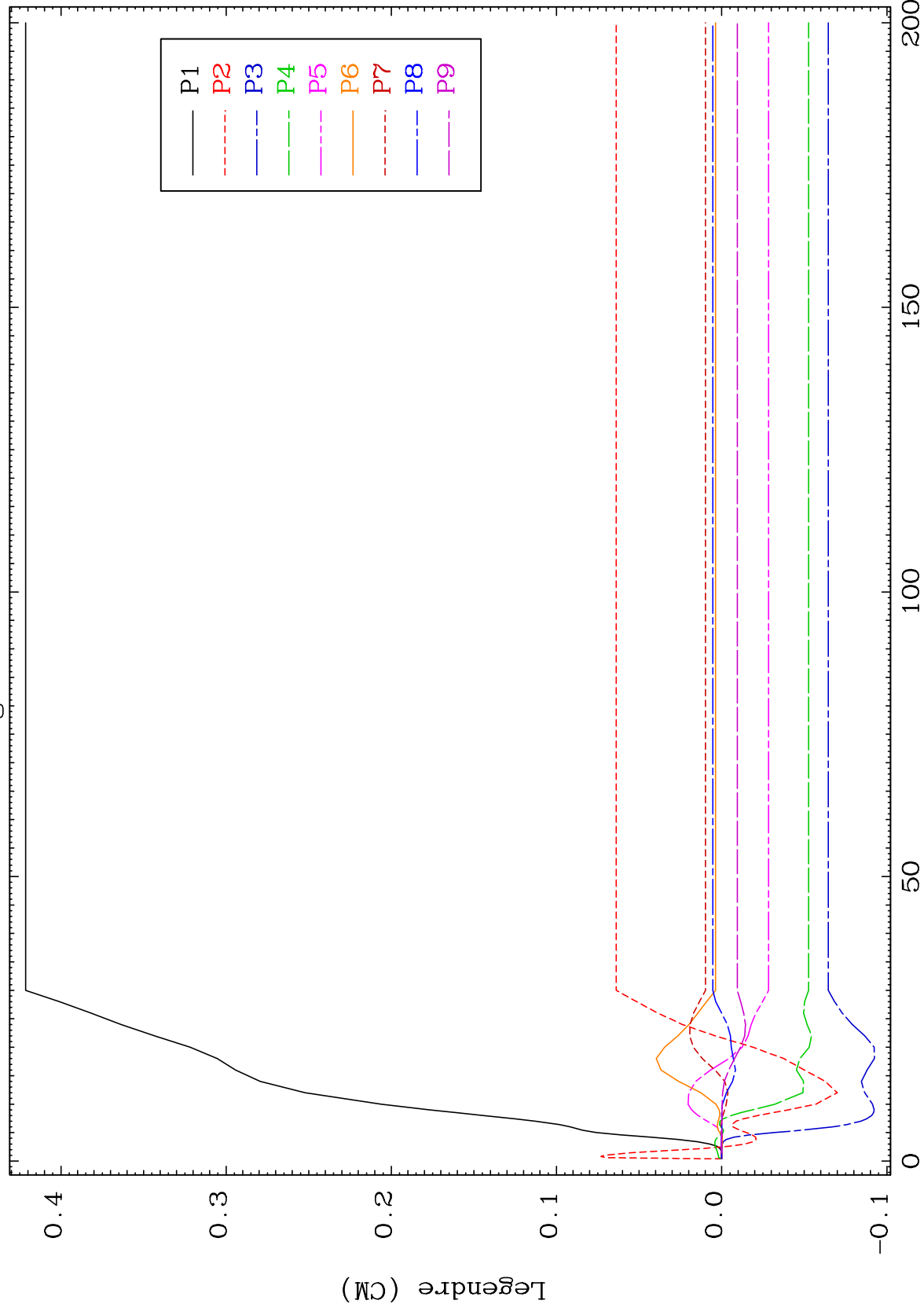
57-La-132



MAT 5707

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

57-La-132



57-La-132

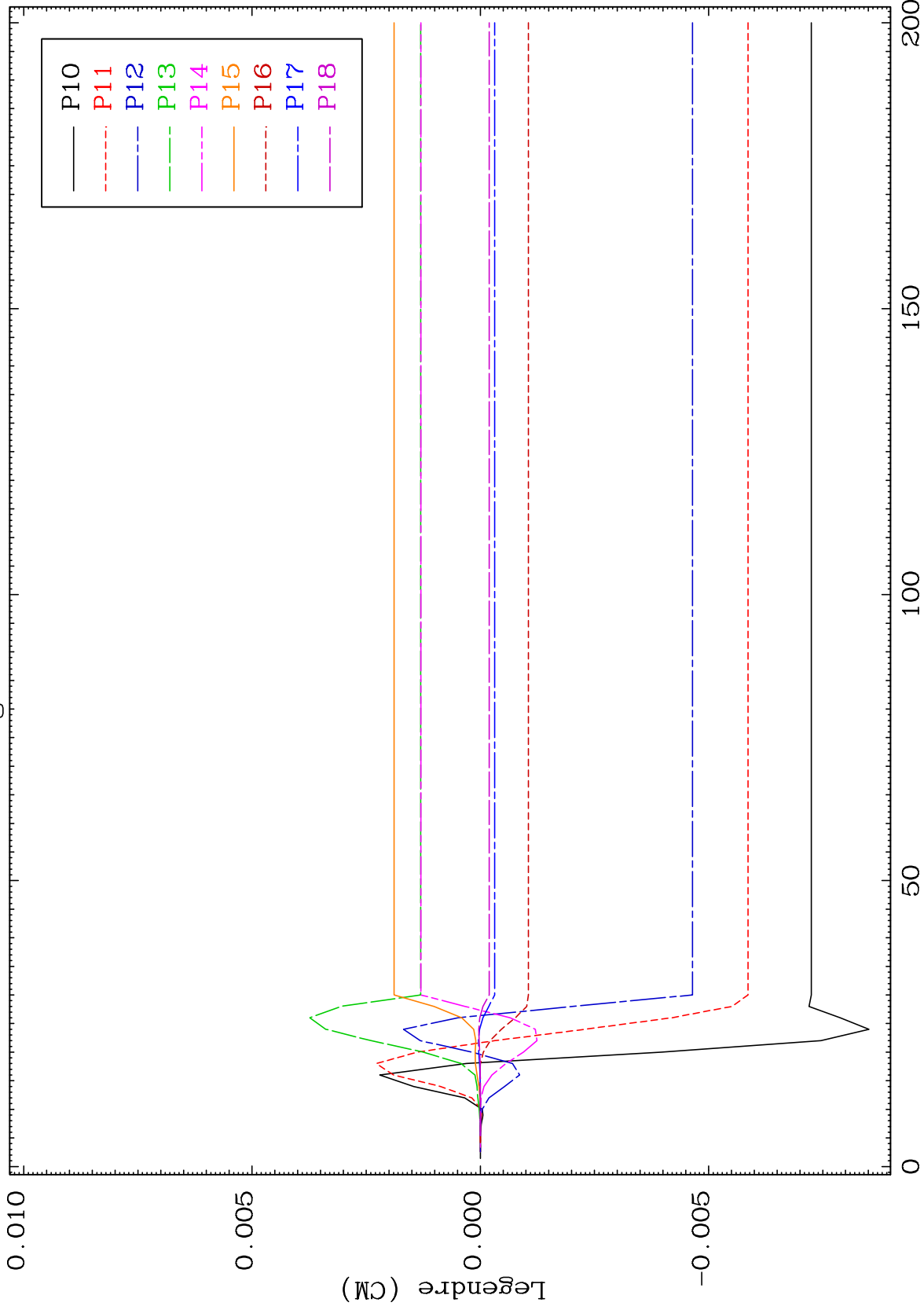
Incident Energy (MeV)

56

MAT 5707

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

57-La-132



57

Incident Energy (MeV)

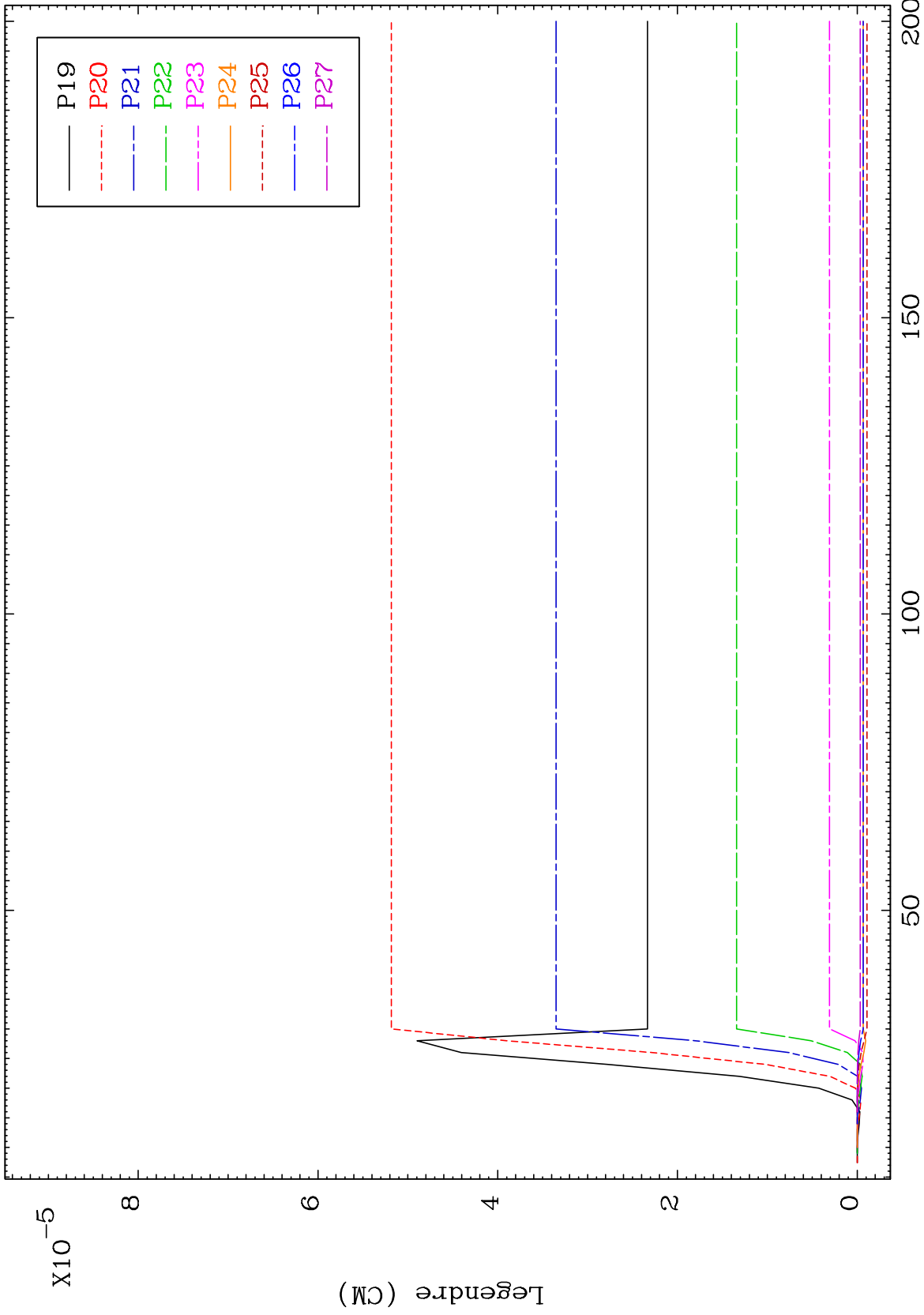
57-La-132

MAT 5707

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

57-La-132

$\times 10^{-5}$



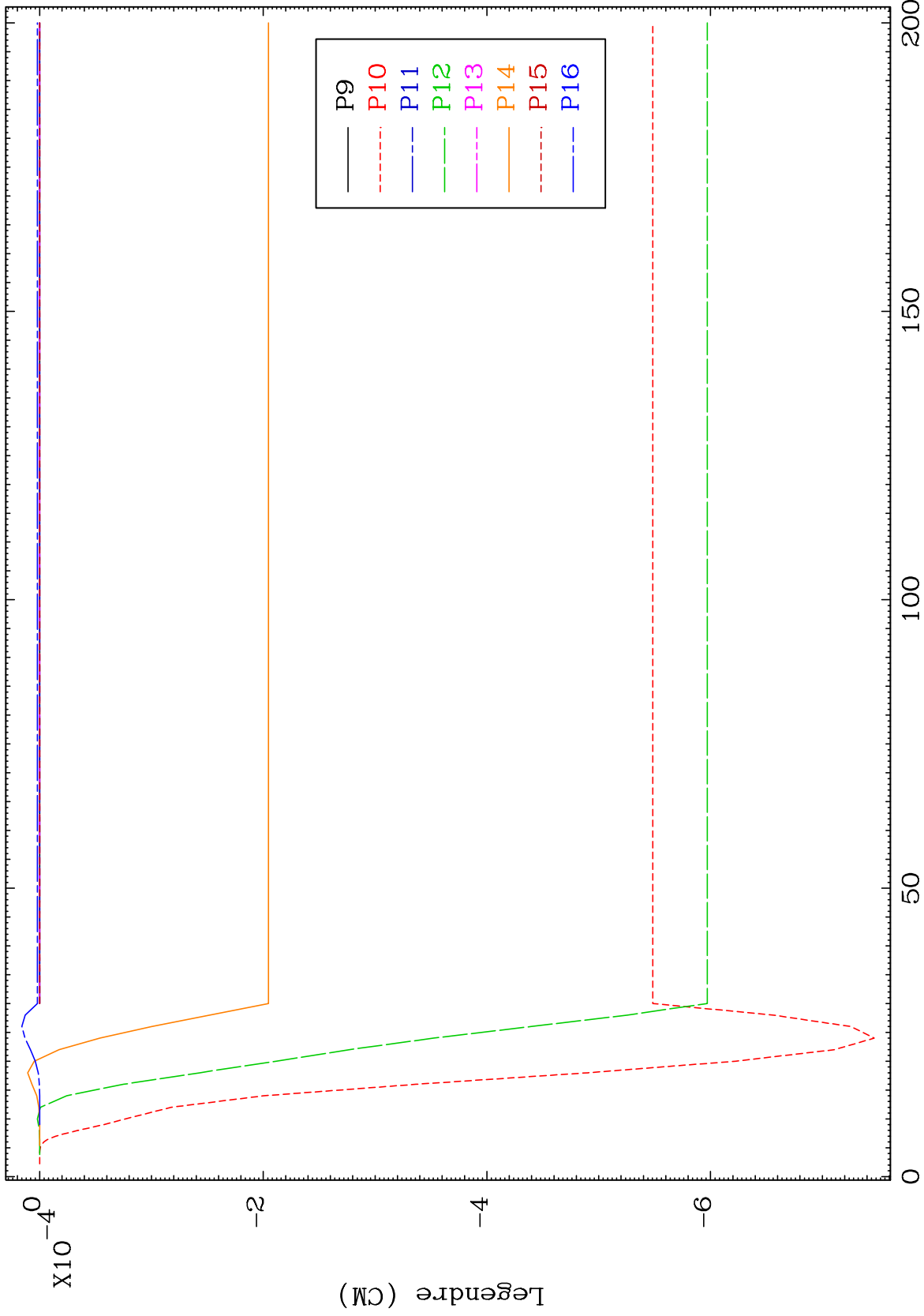
58

57-La-132

MAT 5707

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

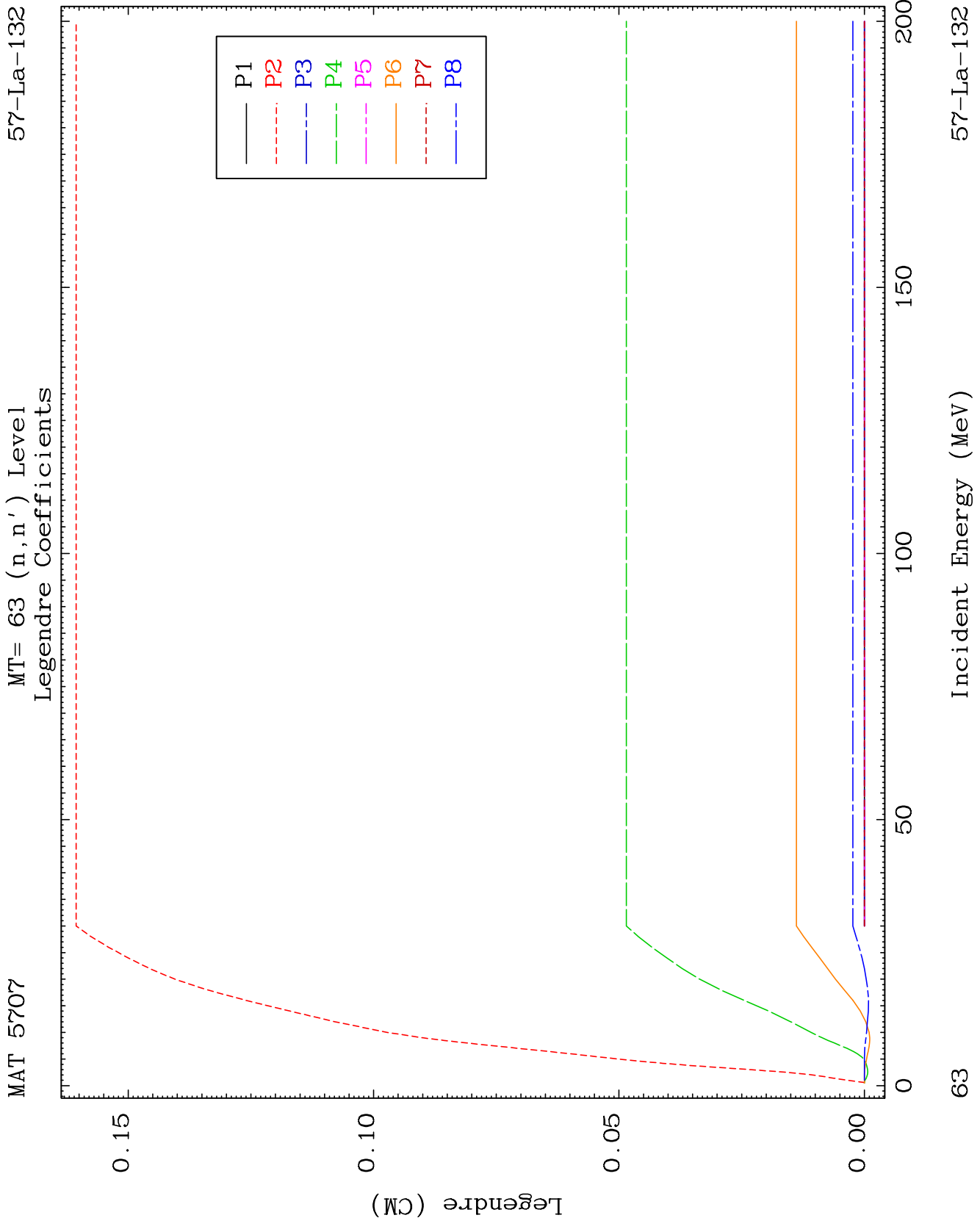
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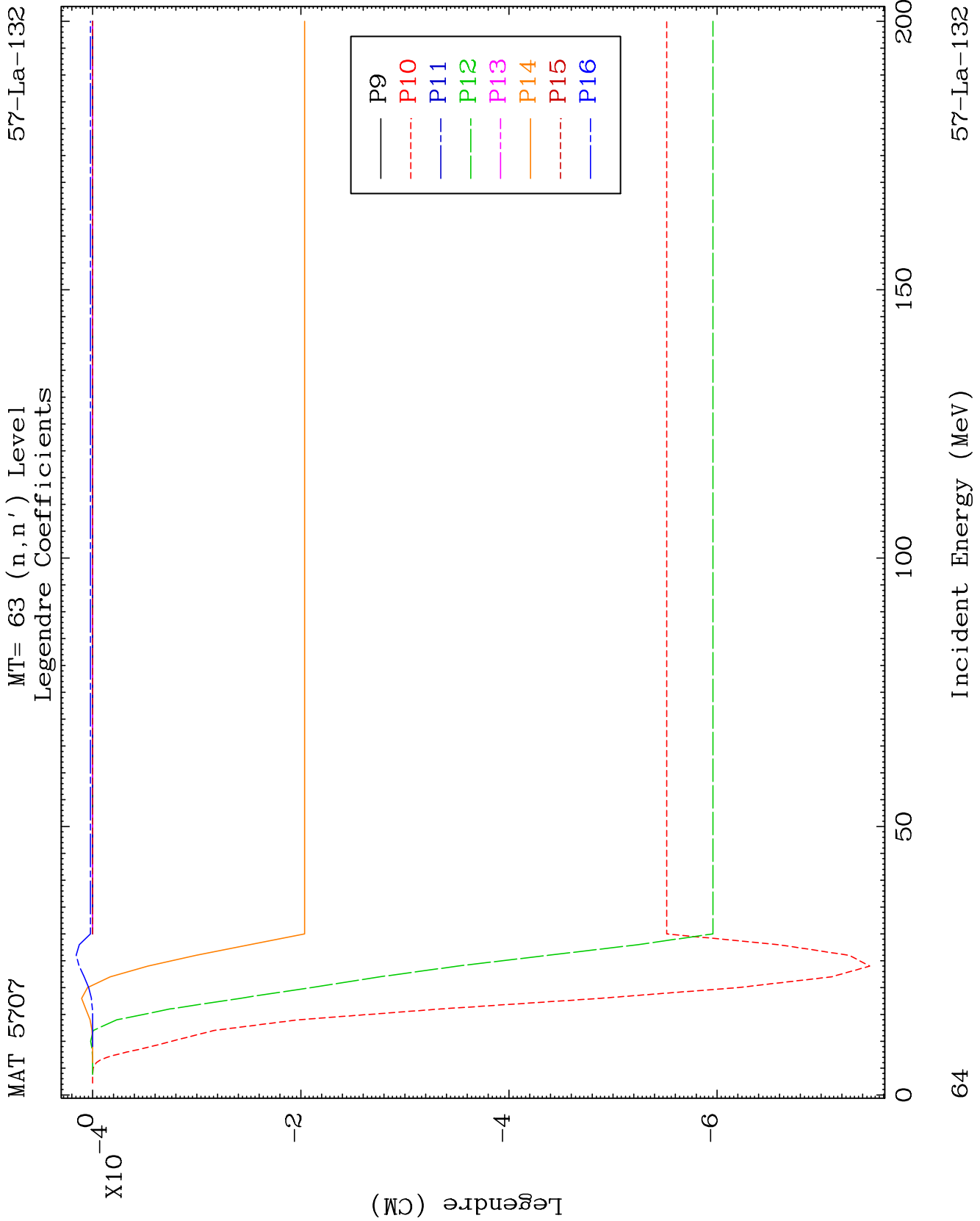


61

Incident Energy (MeV)

57-La-132

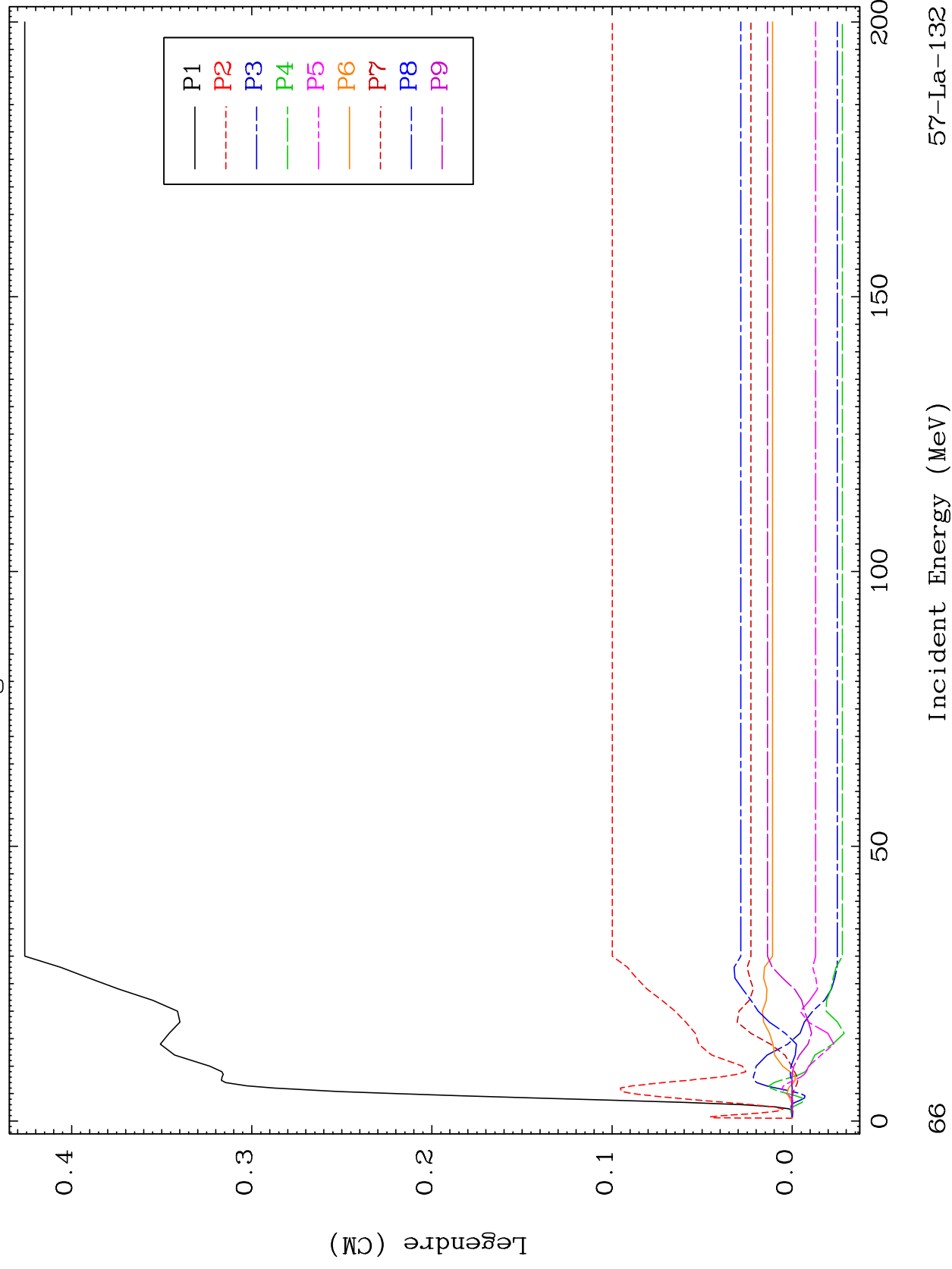




MAT 5707

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

57-La-132



66

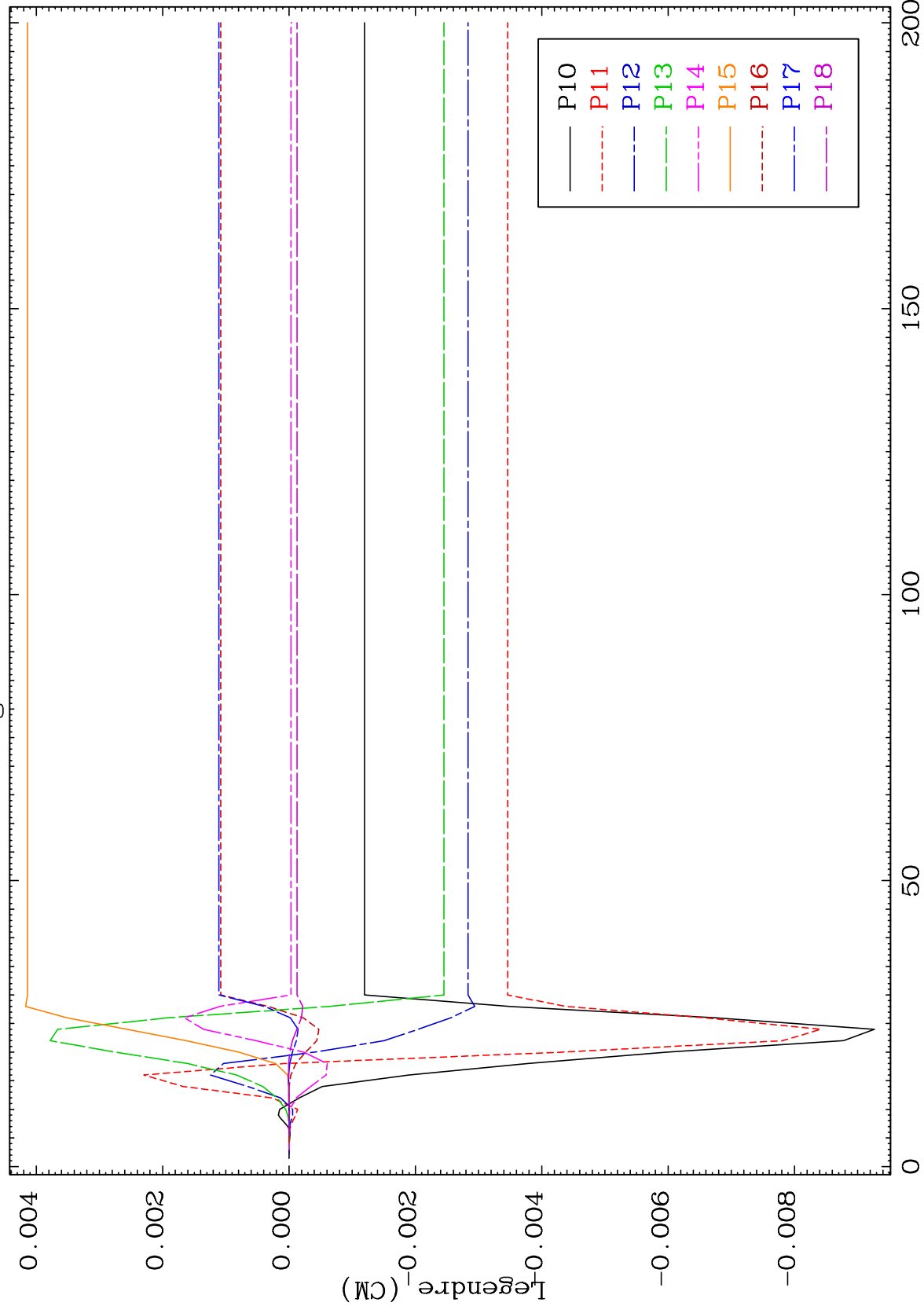
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



67

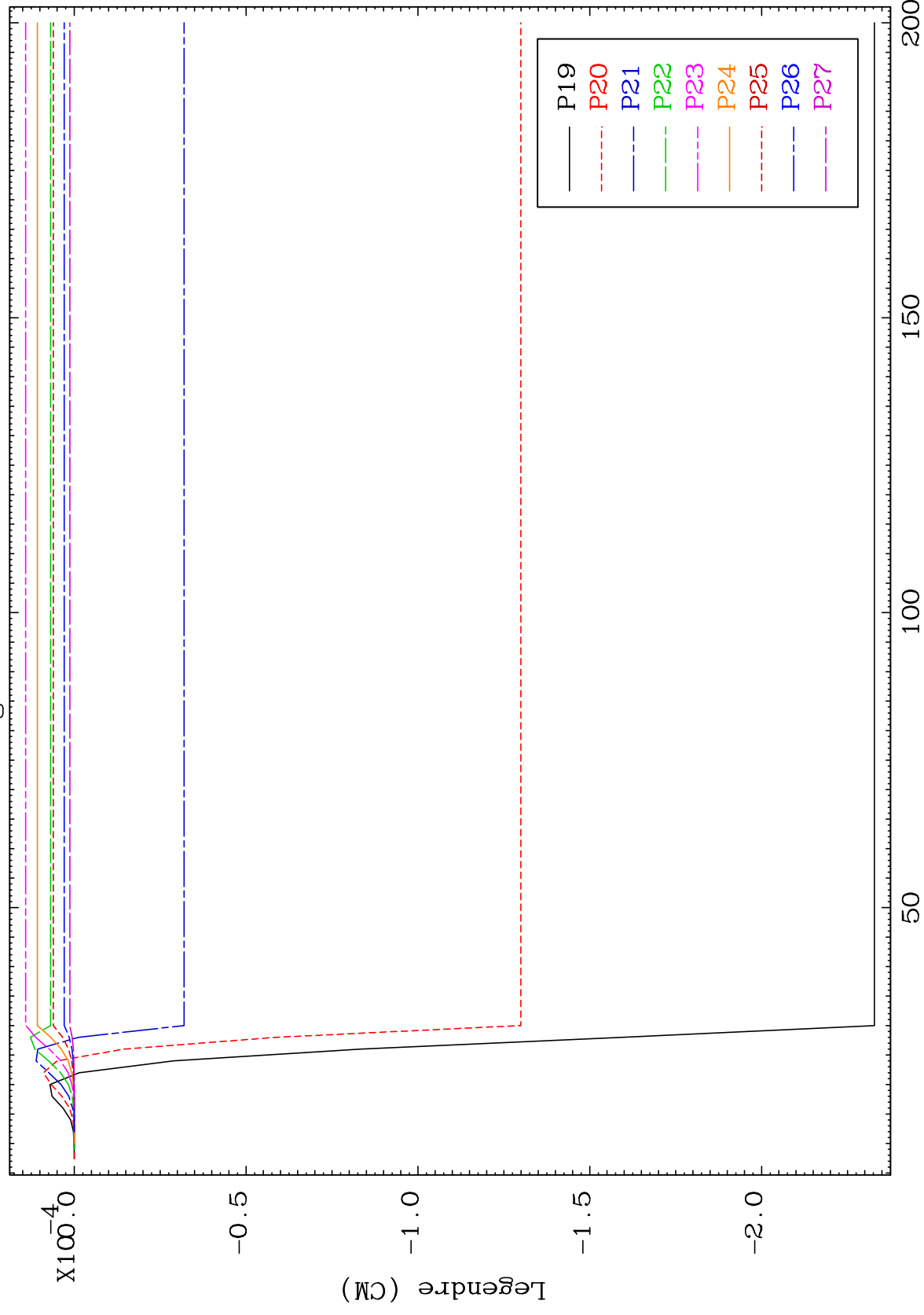
Incident Energy (MeV)

57-La-132

MAT 5707

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

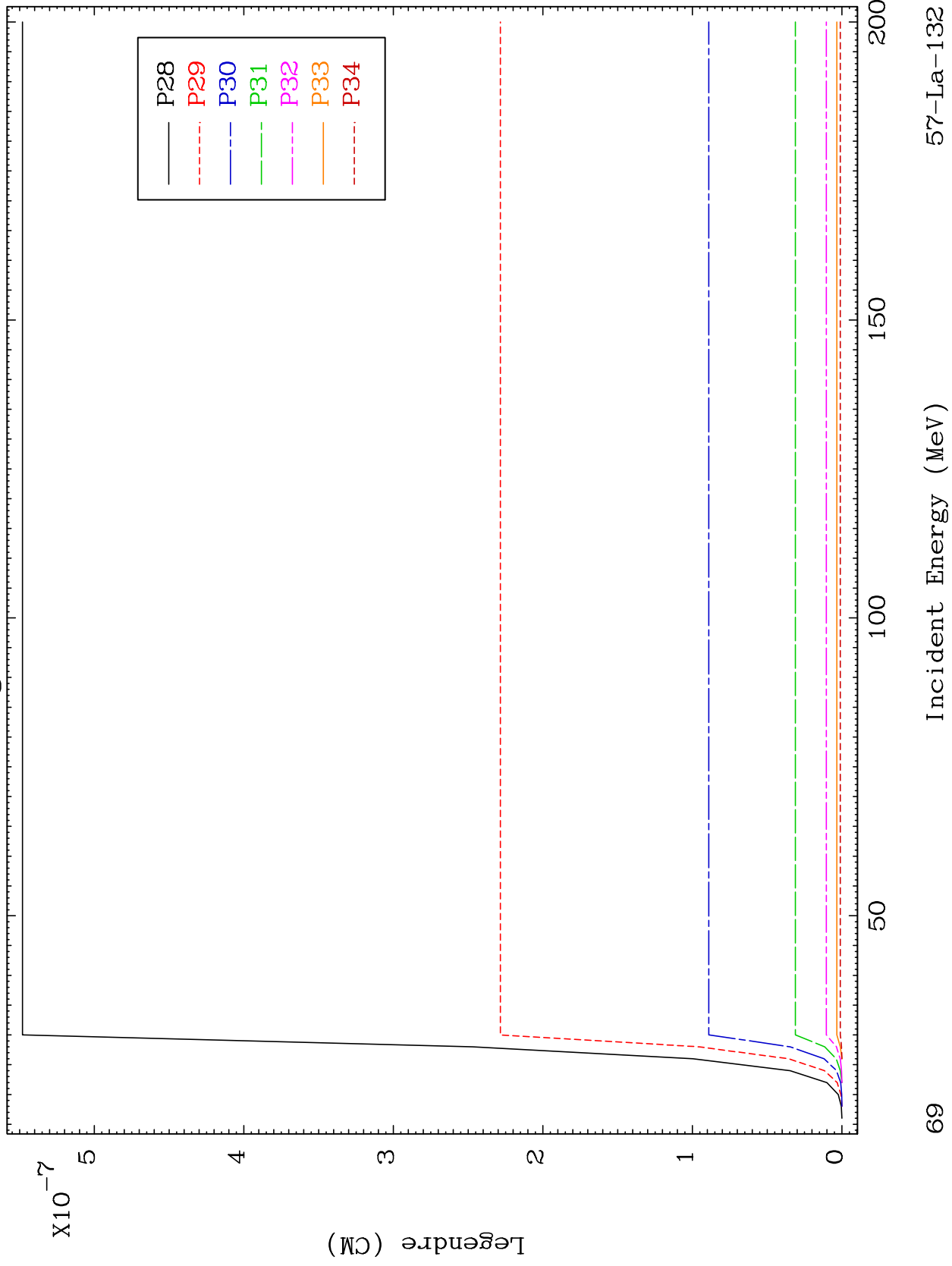
57-La-132



MAT 5707

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

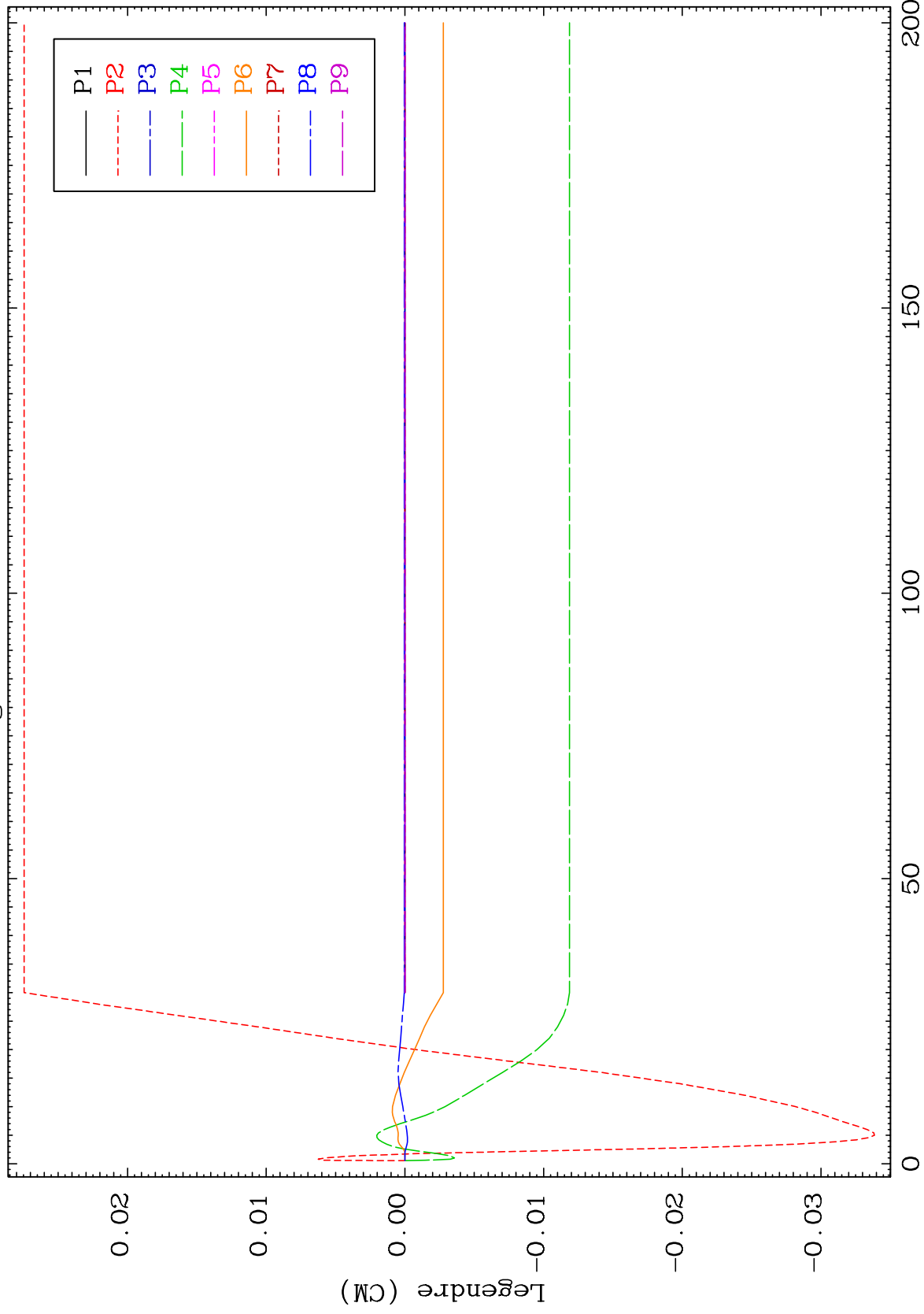
57-La-132



MAT 5707

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

57-La-132



57-La-132

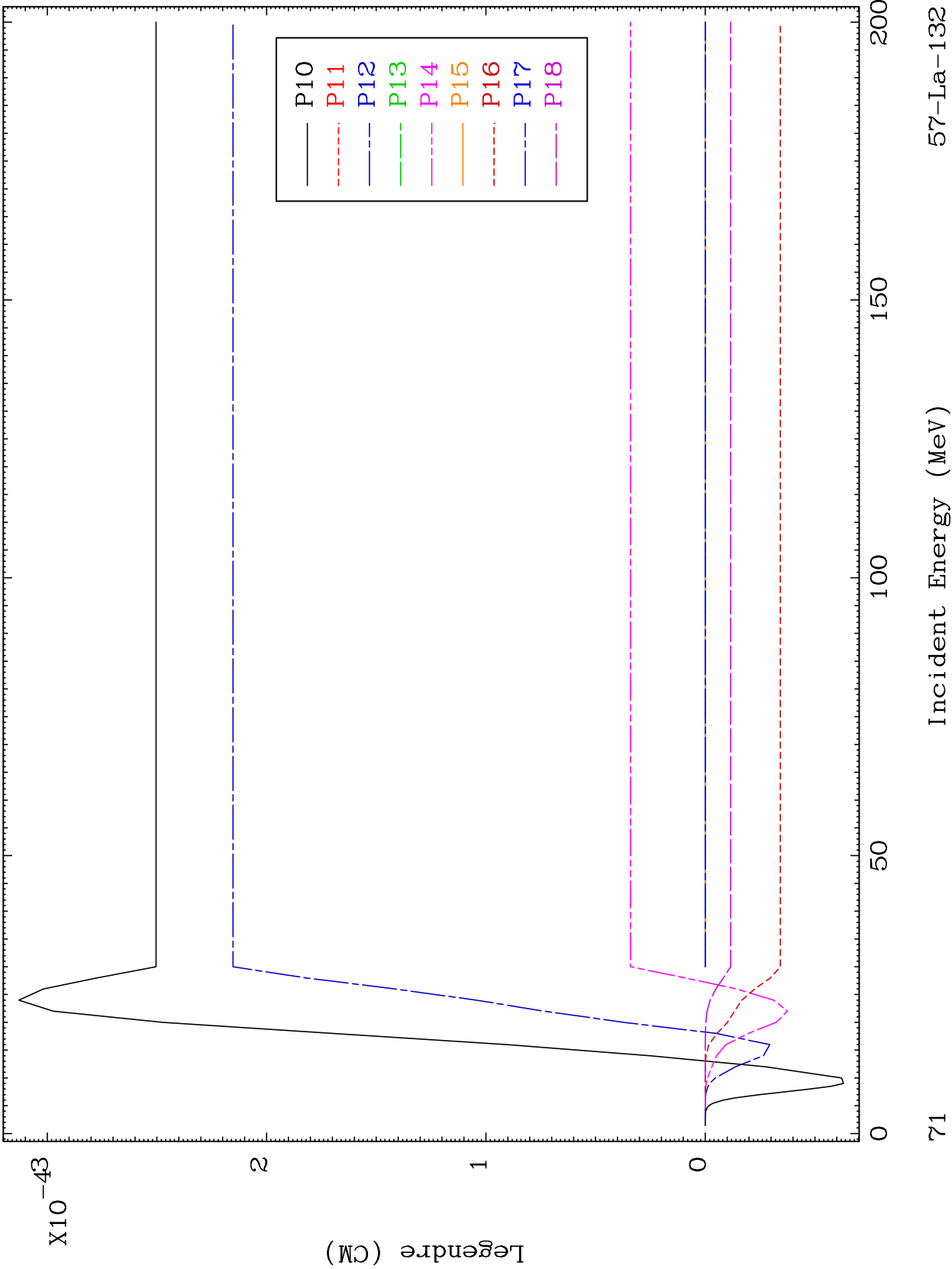
Incident Energy (MeV)

70

MAT 5707

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

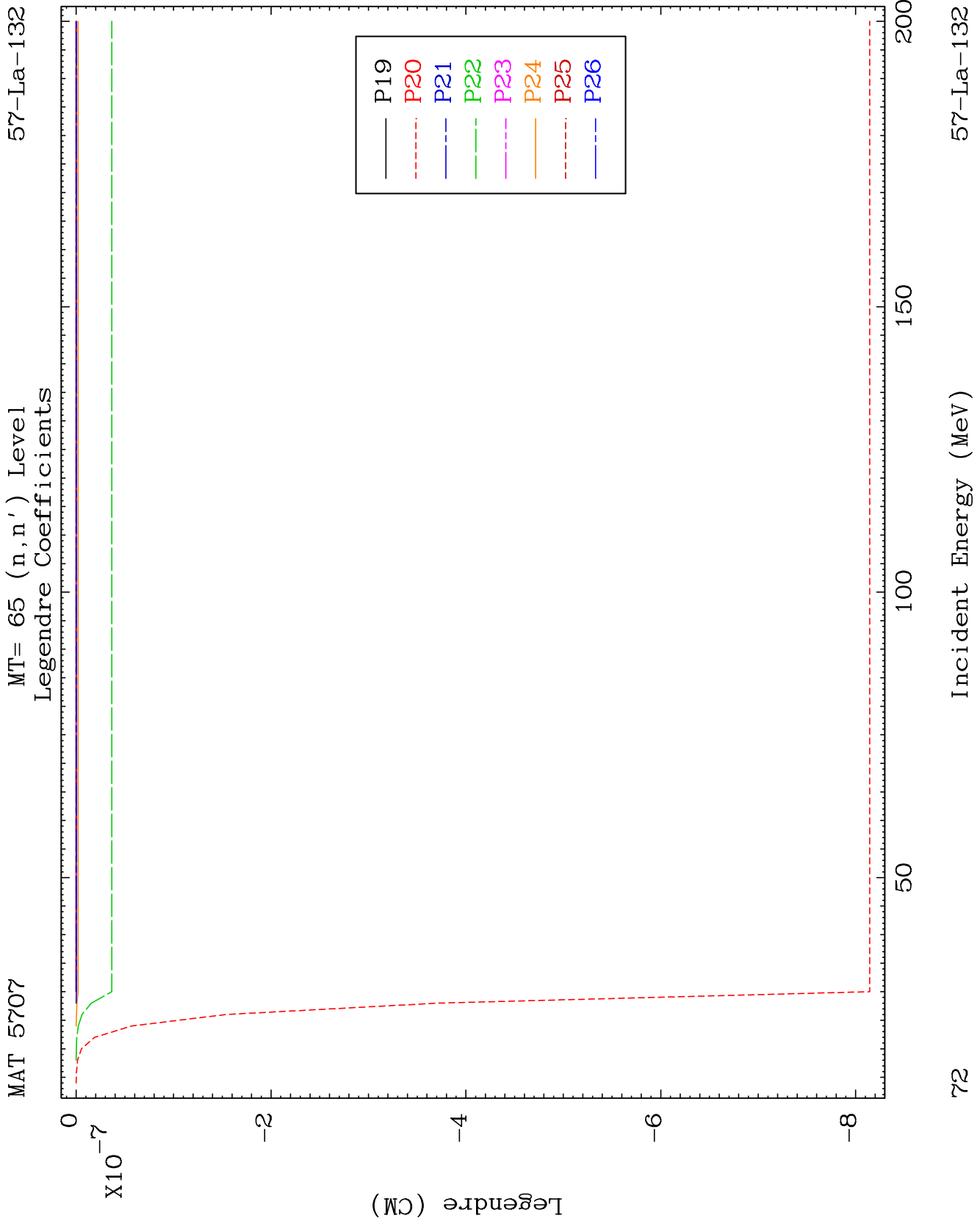
57-La-132



57-La-132

Incident Energy (MeV)

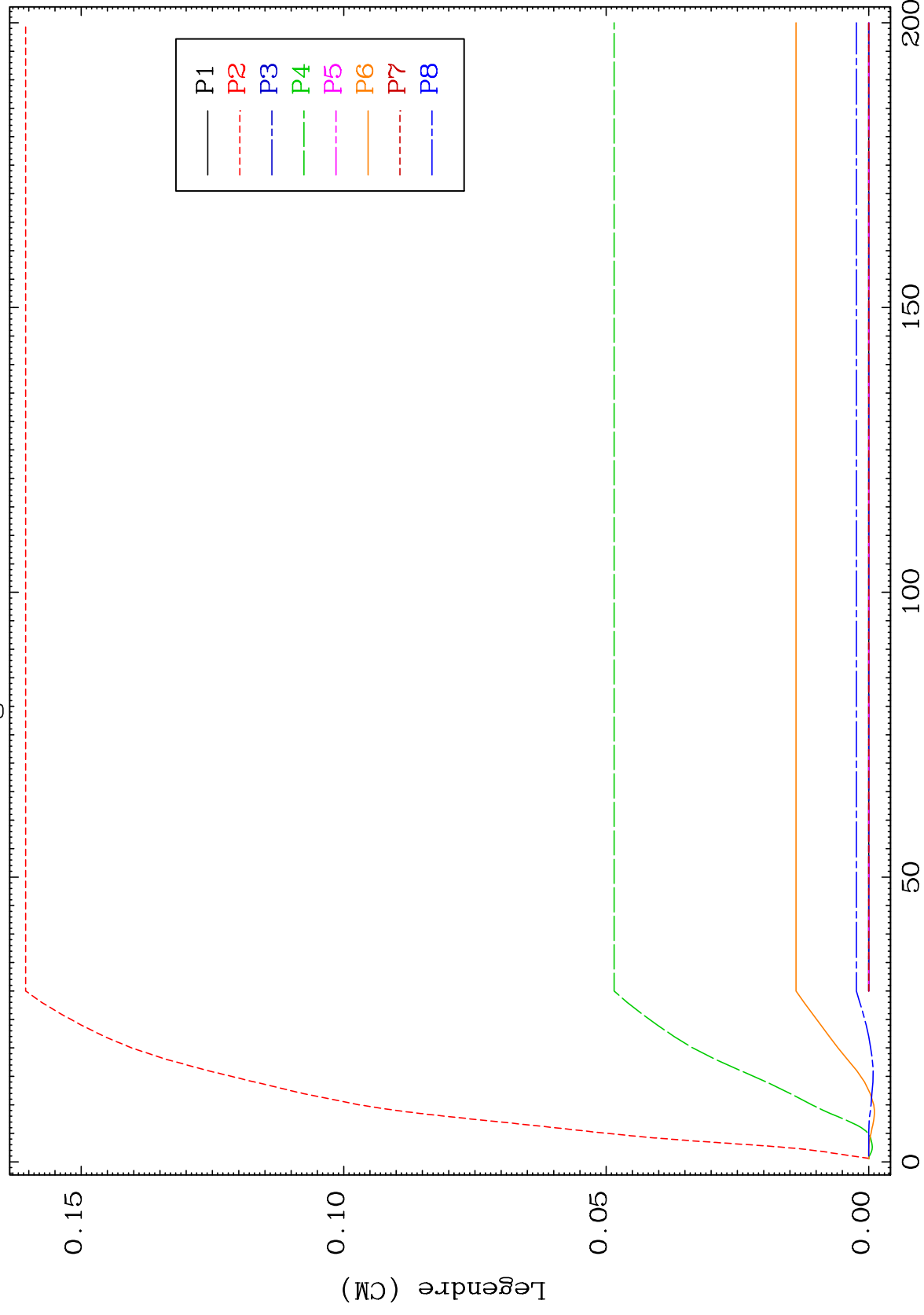
71



MAT 5707

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

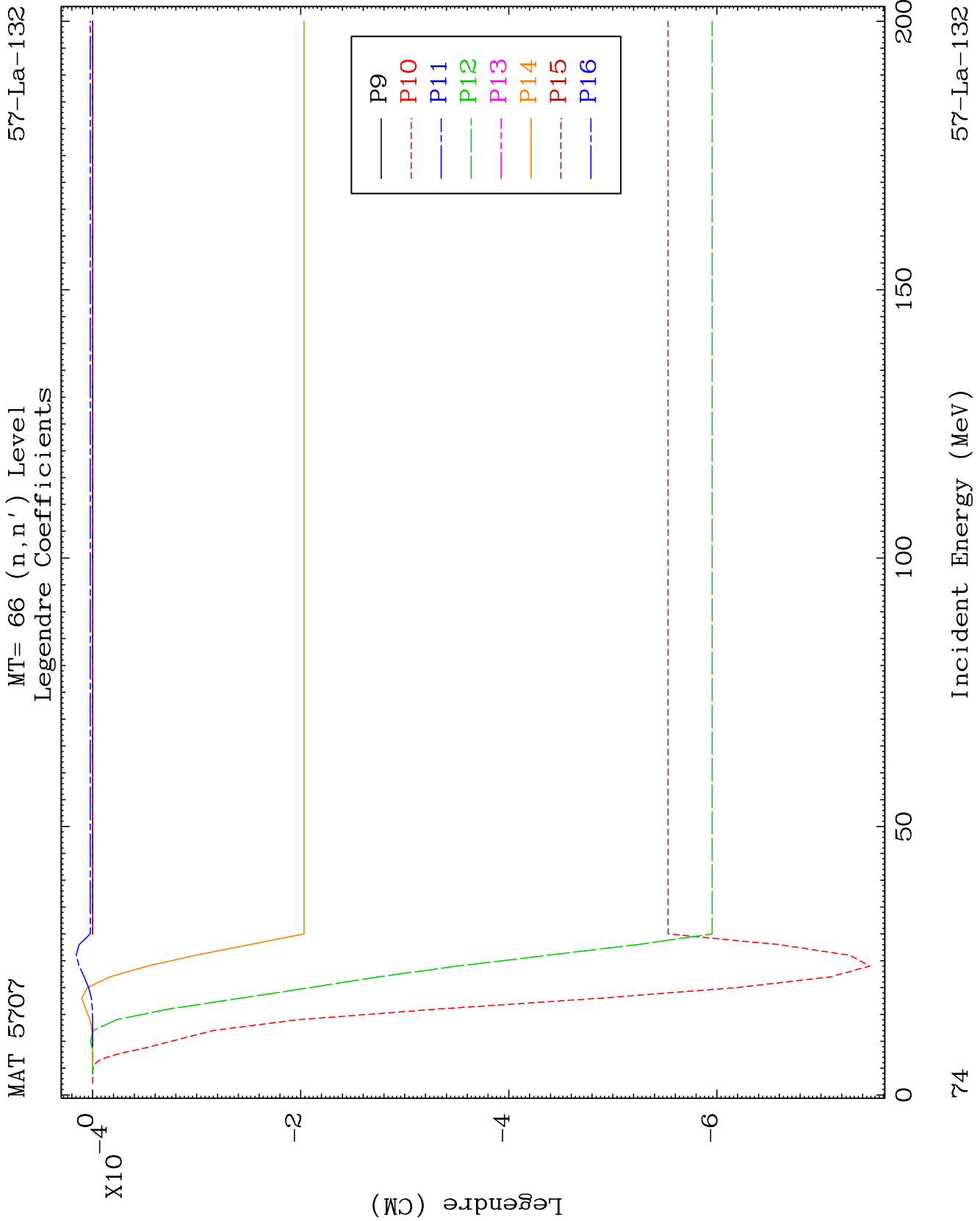
57-La-132



73

Incident Energy (MeV)

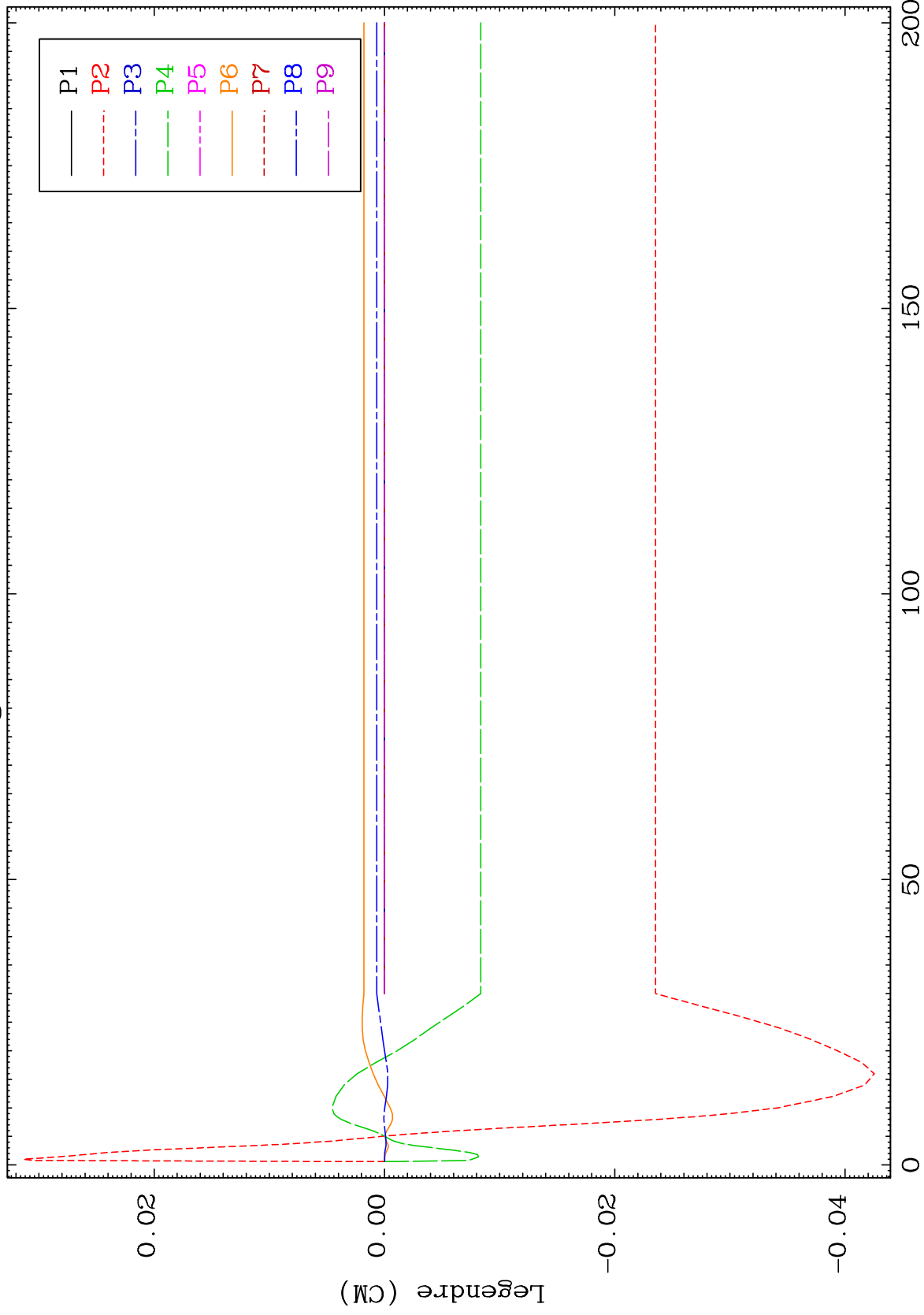
57-La-132



MAT 5707

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

57-La-132



76

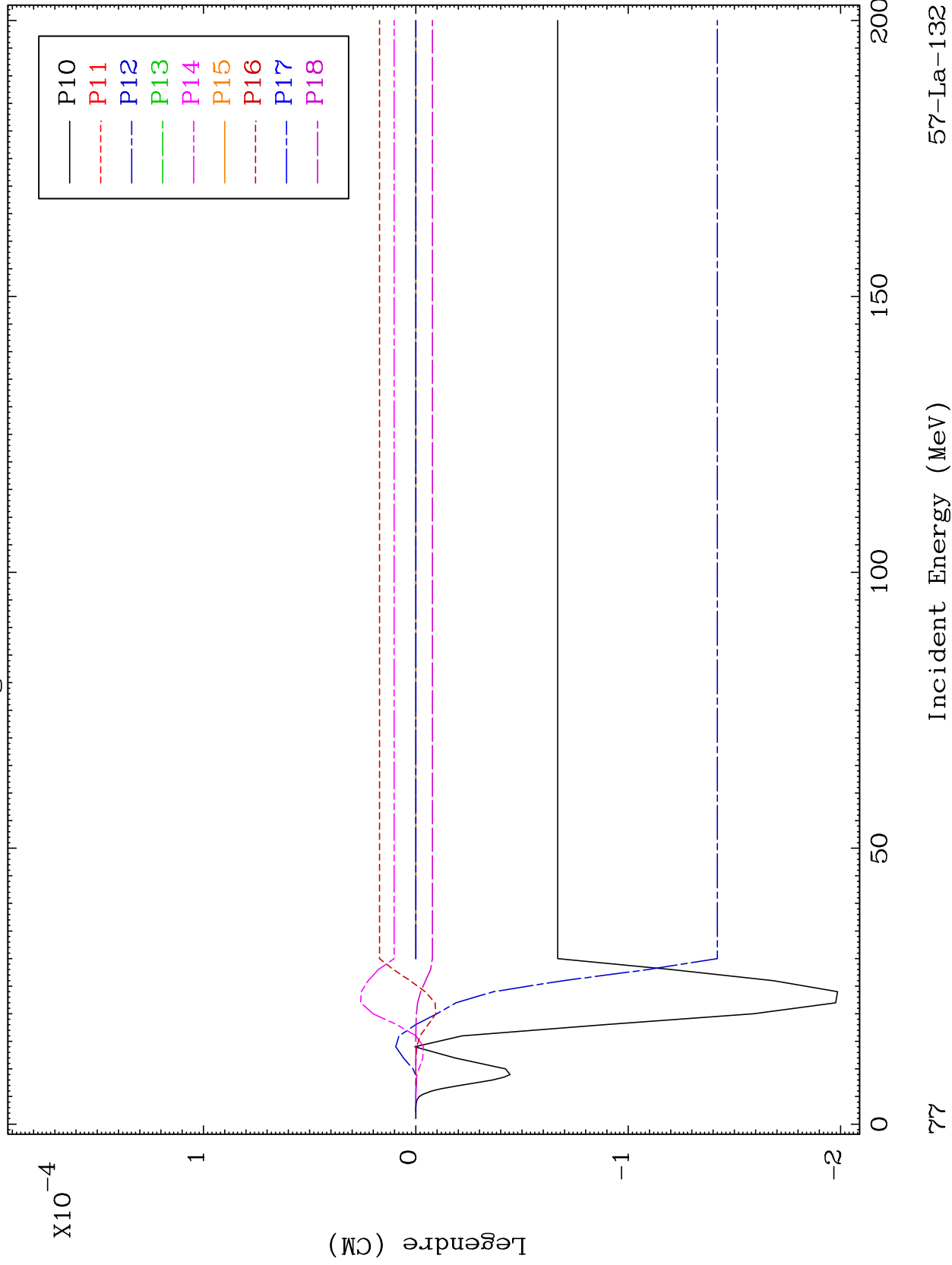
Incident Energy (MeV)

57-La-132

MAT 5707

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

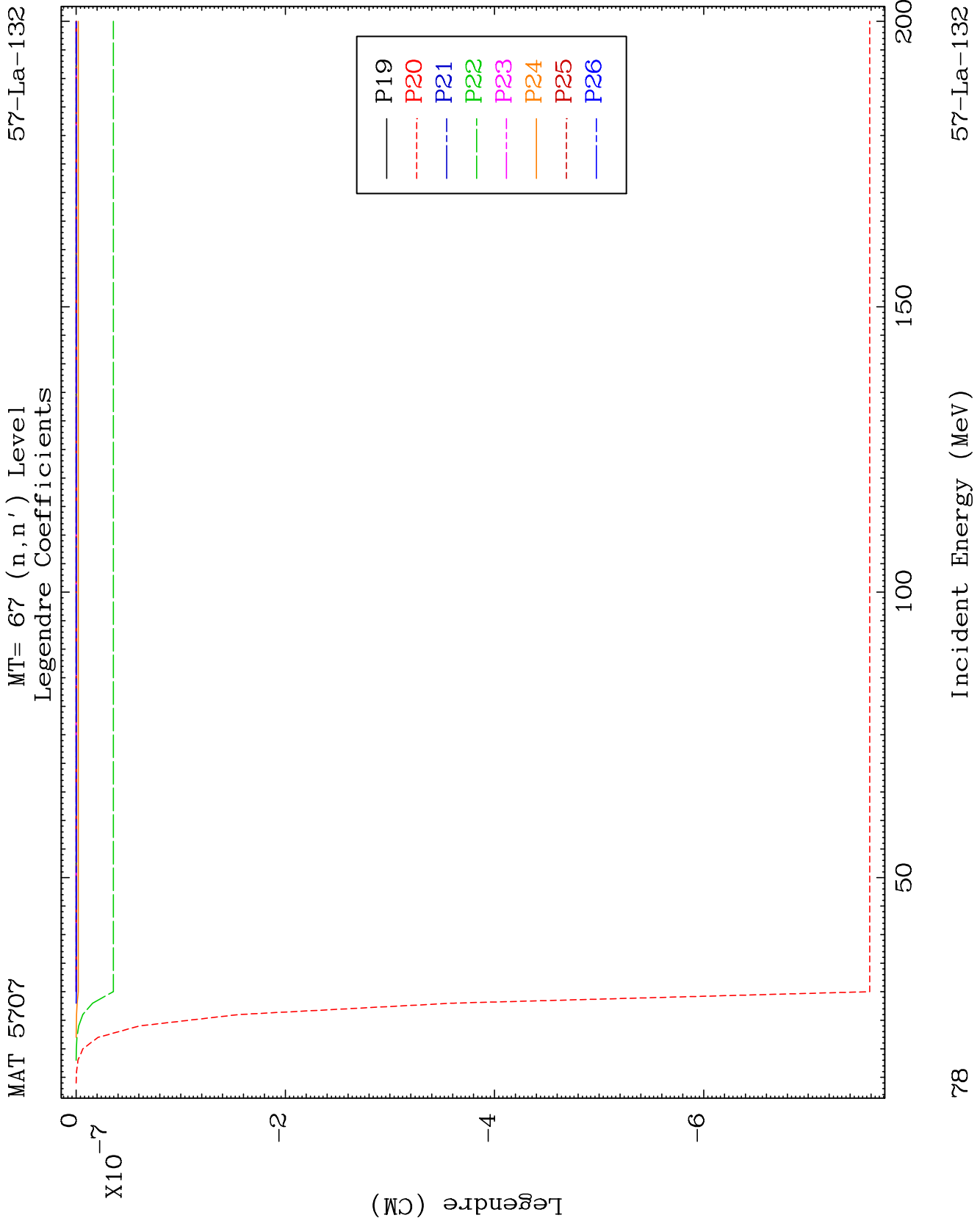
57-La-132



77

Incident Energy (MeV)

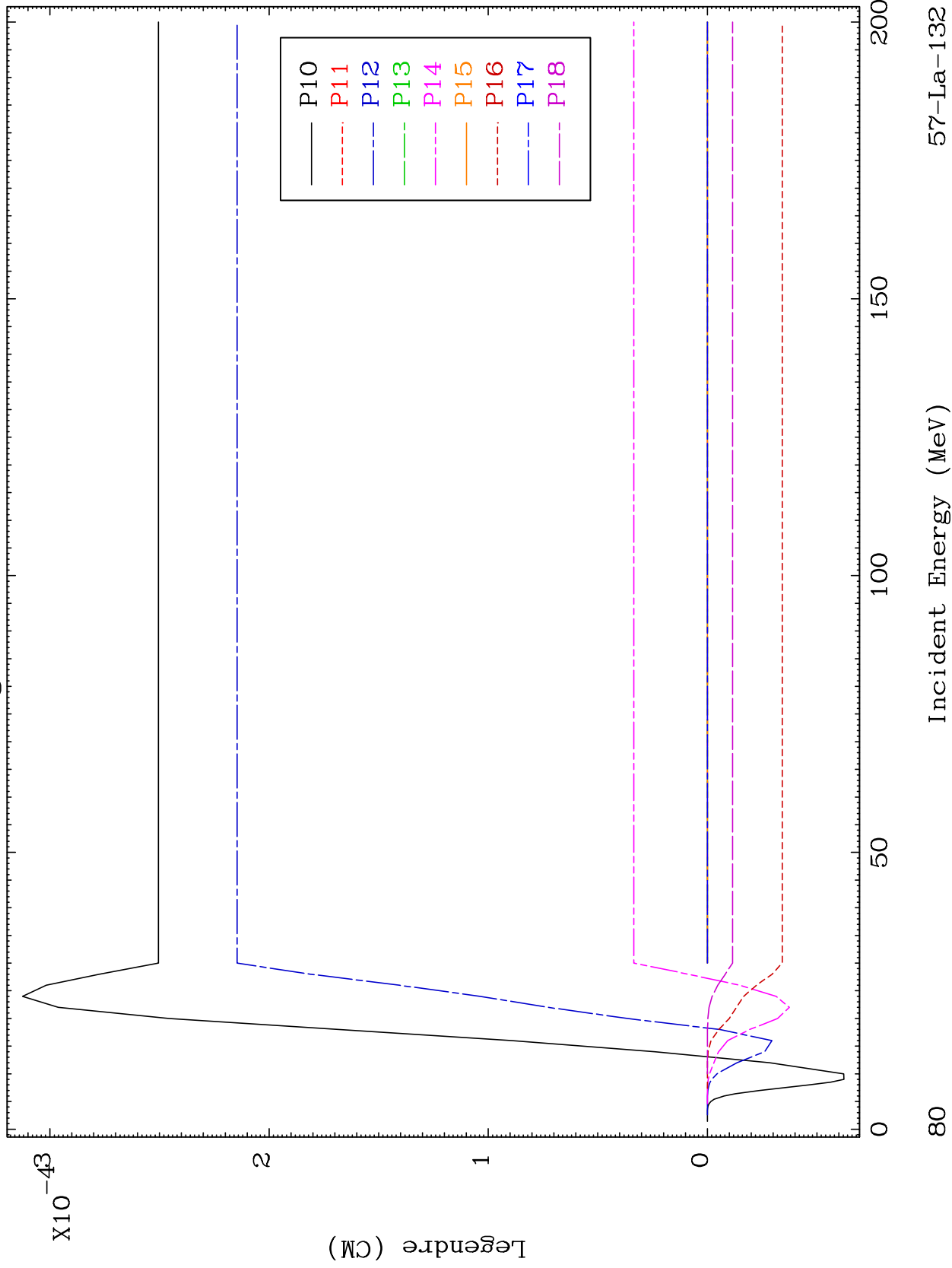
57-La-132

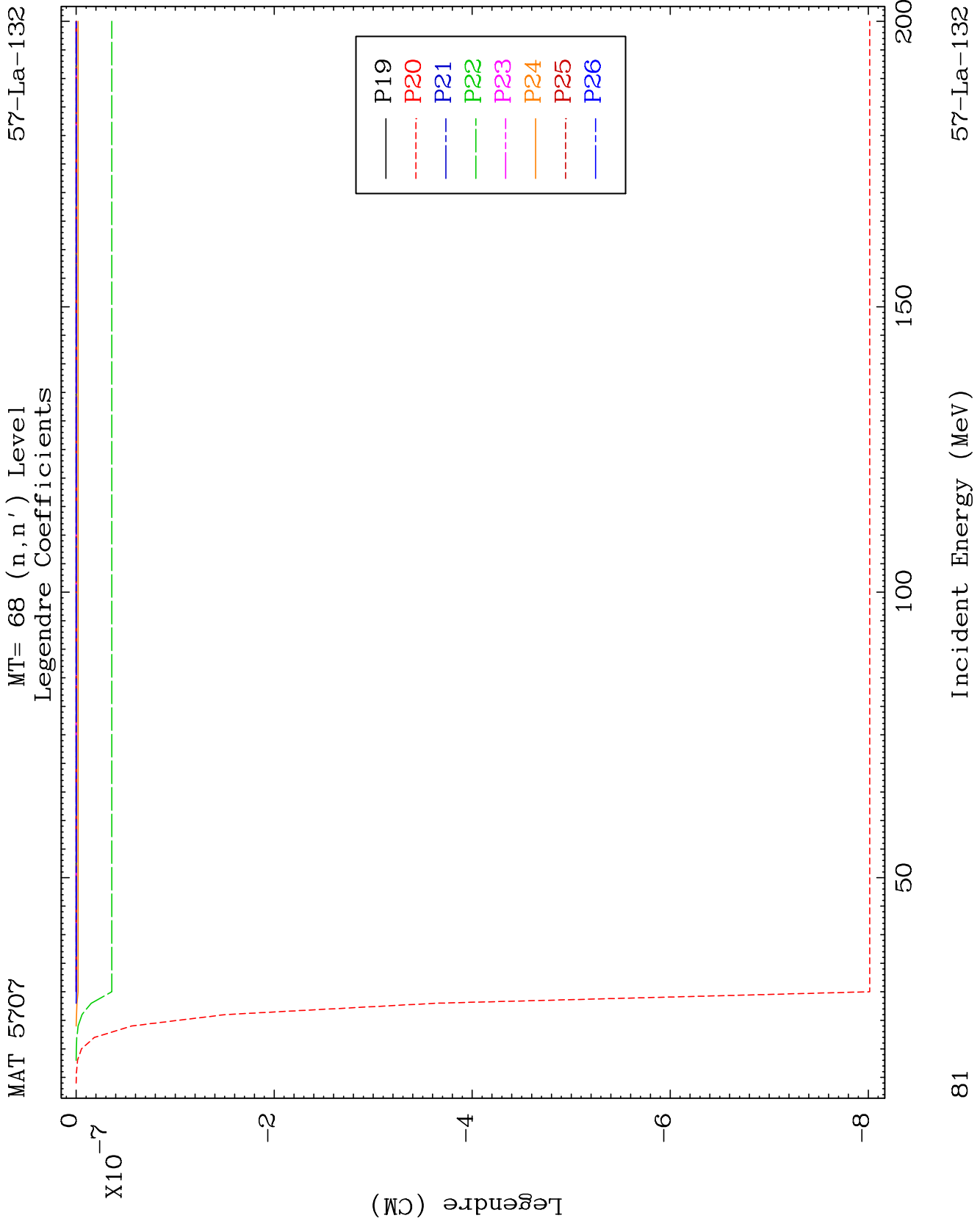


MAT 5707

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

57-La-132

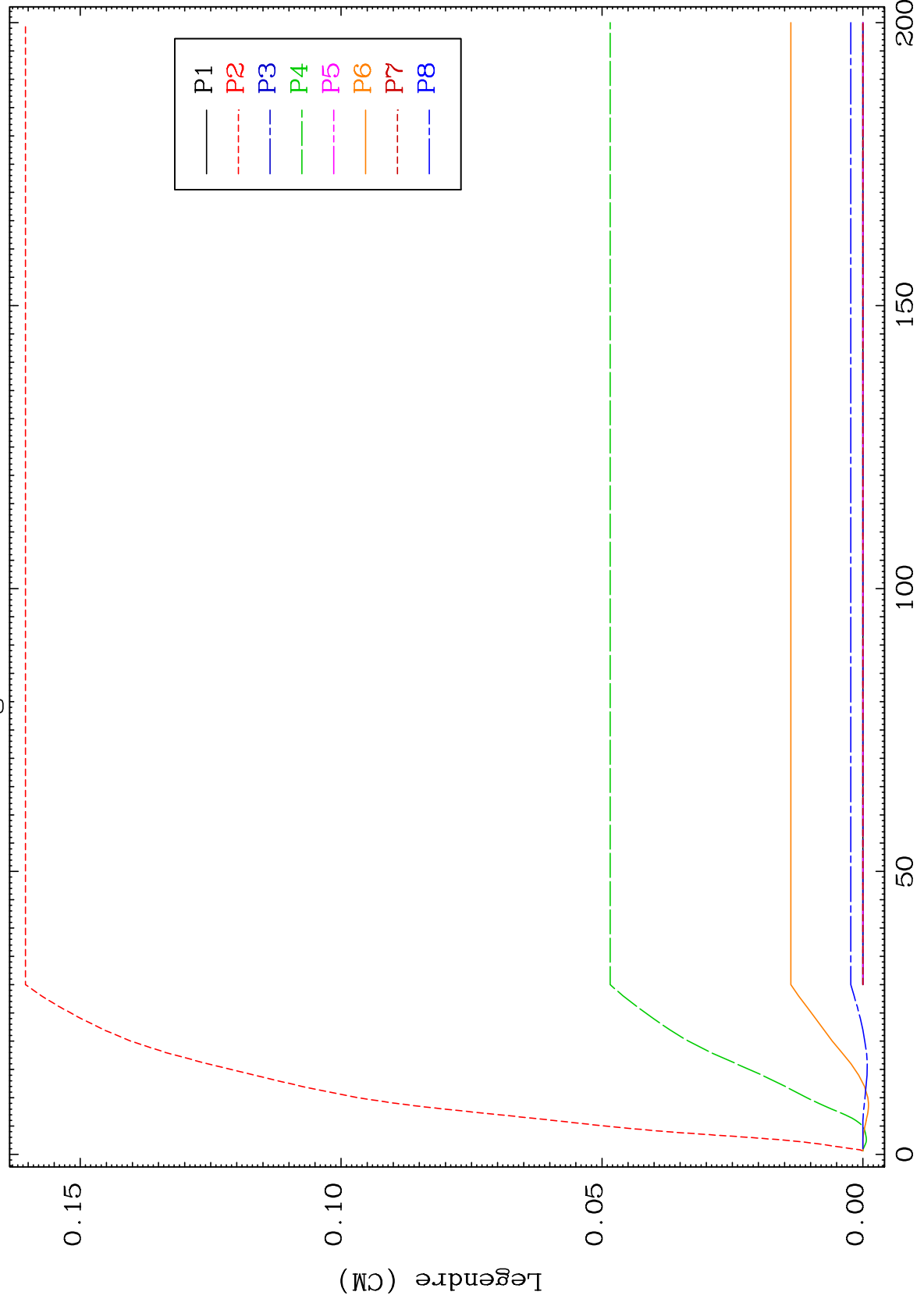




MAT 5707

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

57-La-132



82

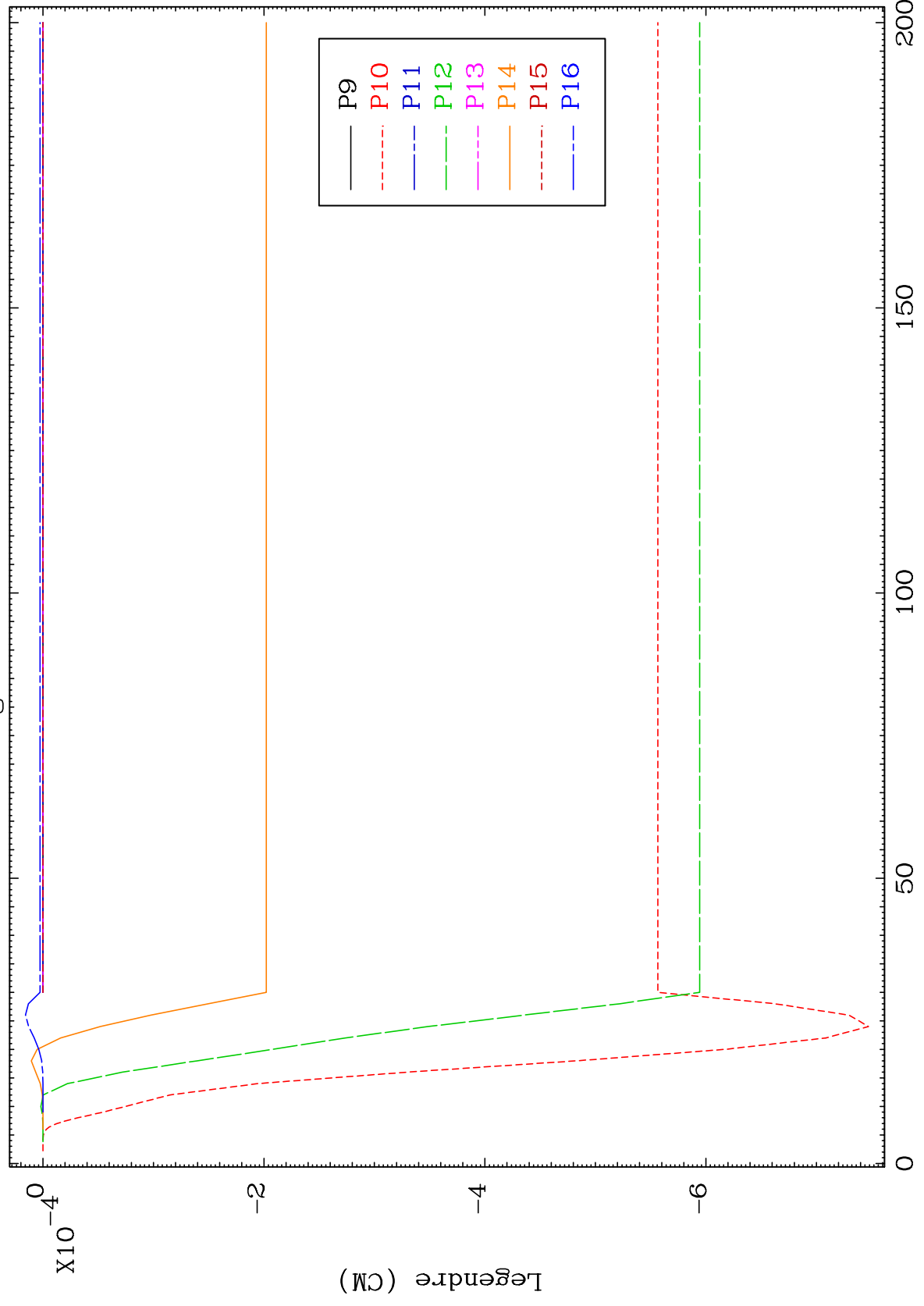
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



83

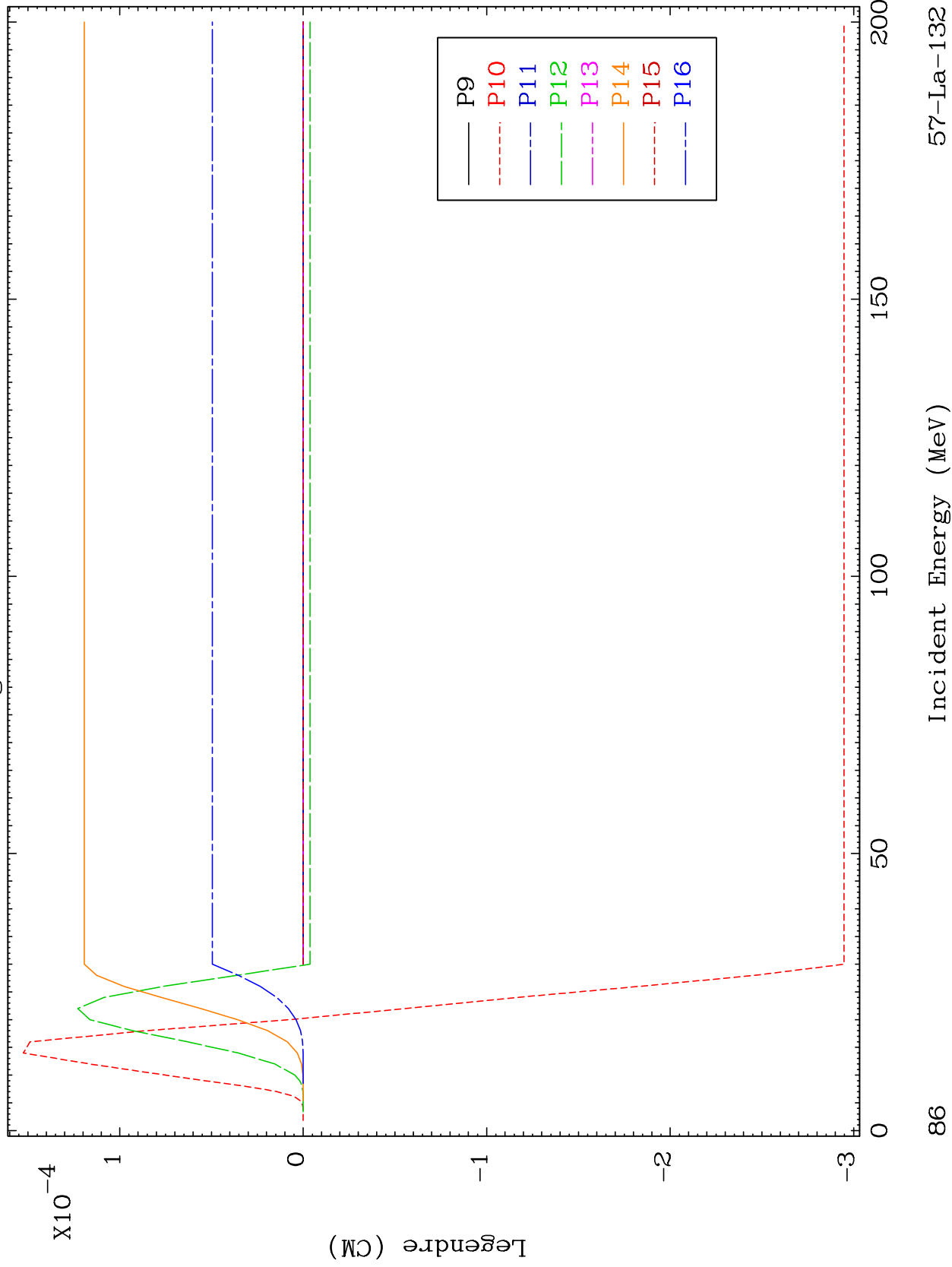
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



86

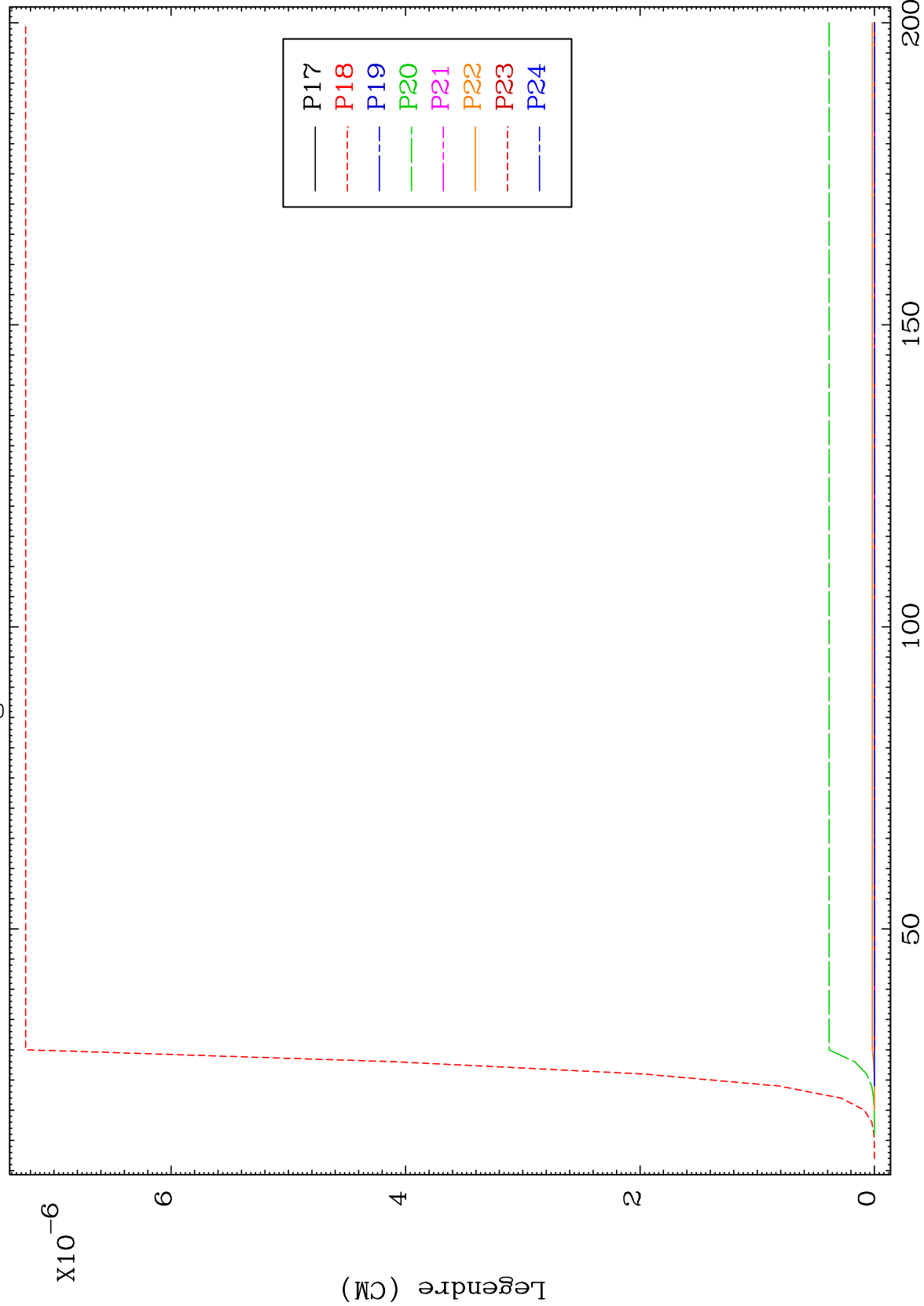
Incident Energy (MeV)

57-La-132

MAT 5707

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

57-La-132



57-La-132

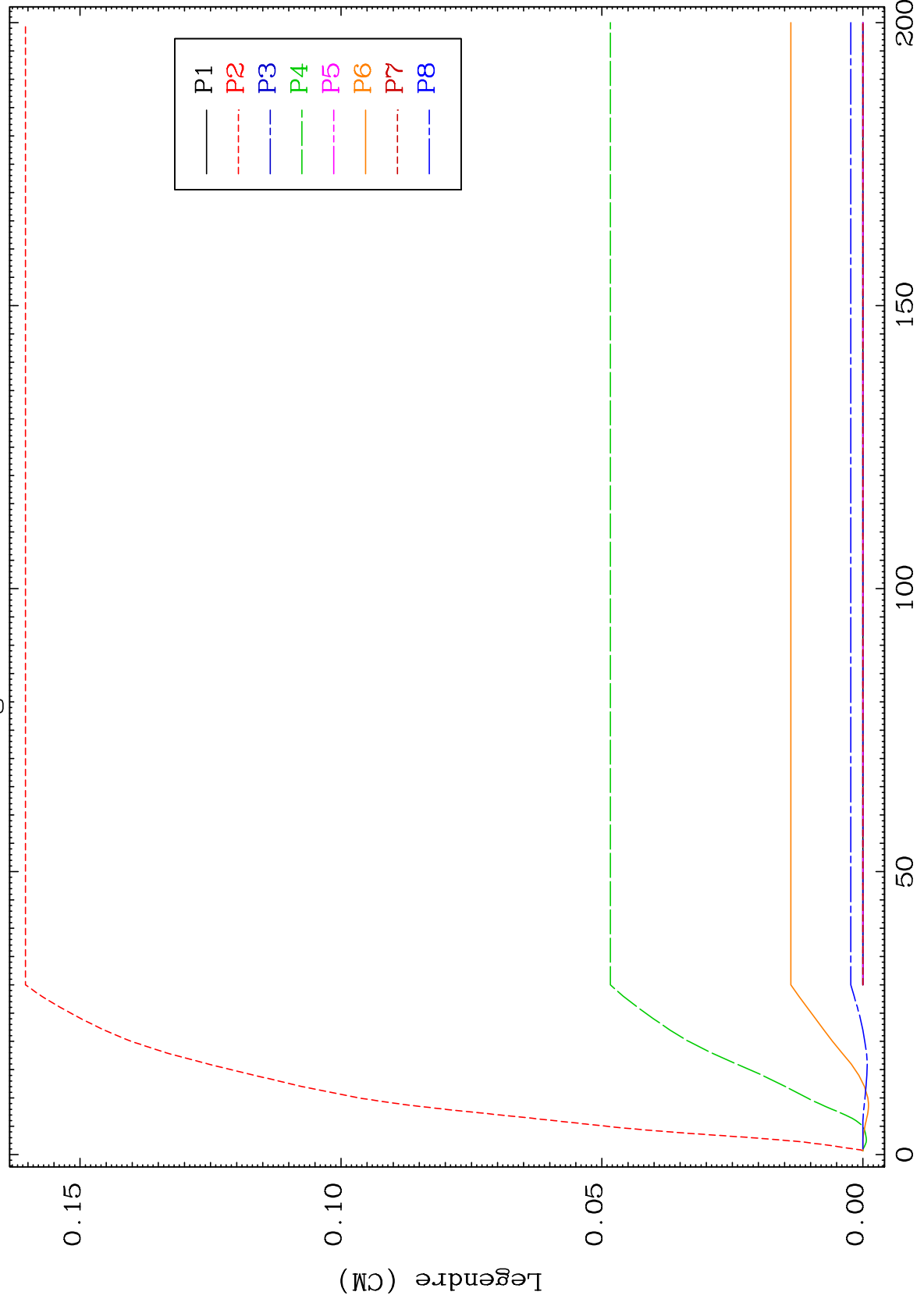
Incident Energy (MeV)

87

MAT 5707

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

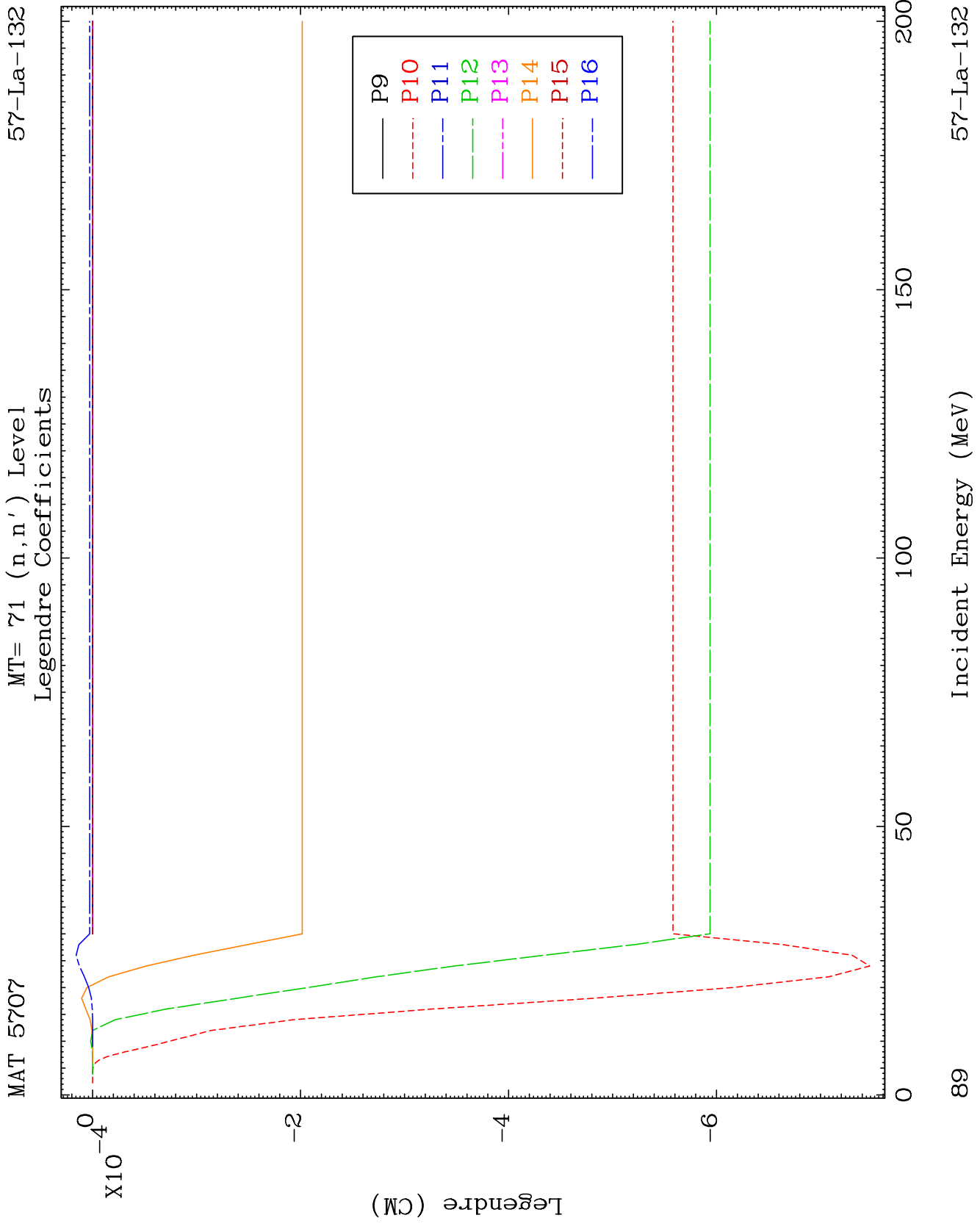
57-La-132

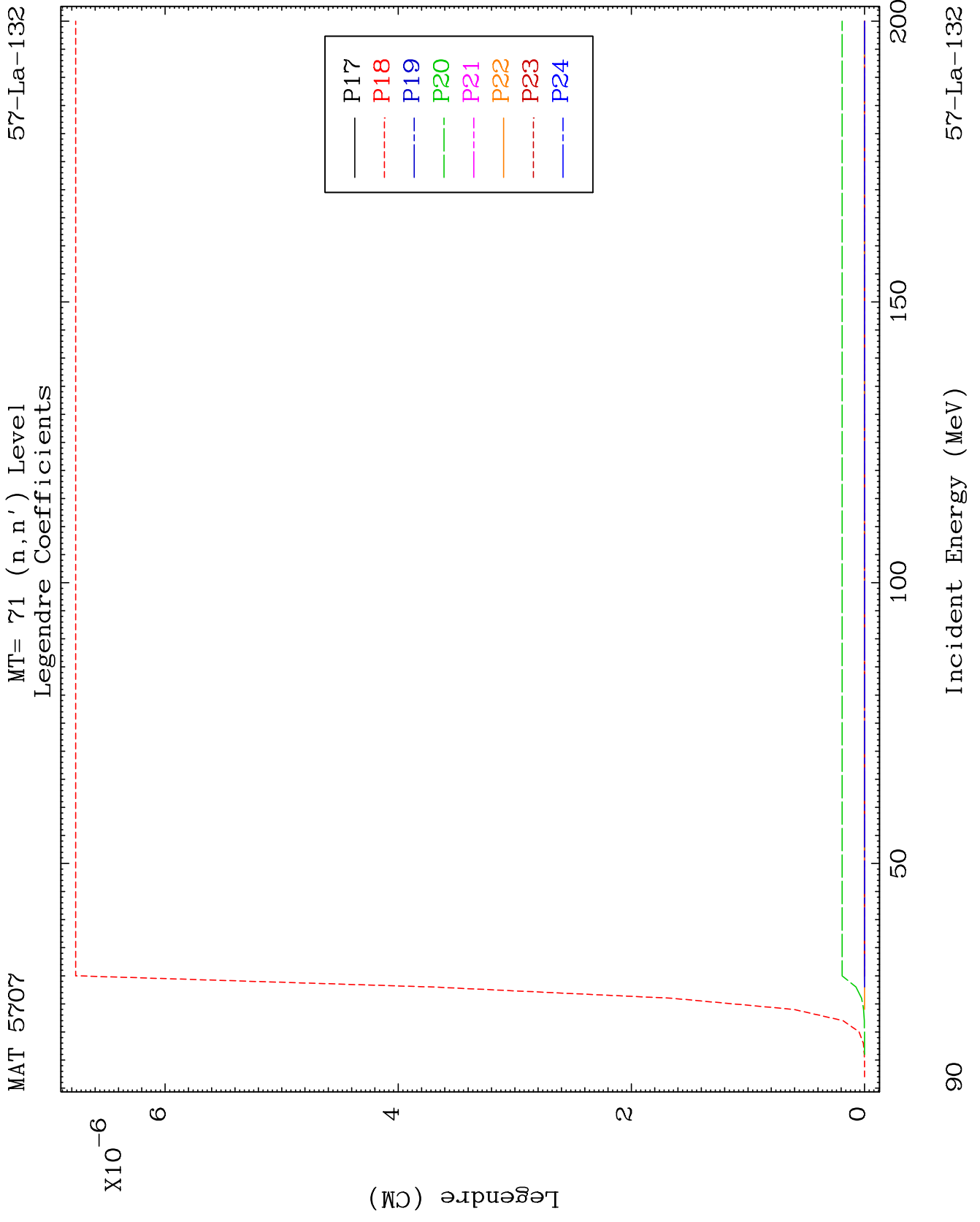


88

Incident Energy (MeV)

57-La-132

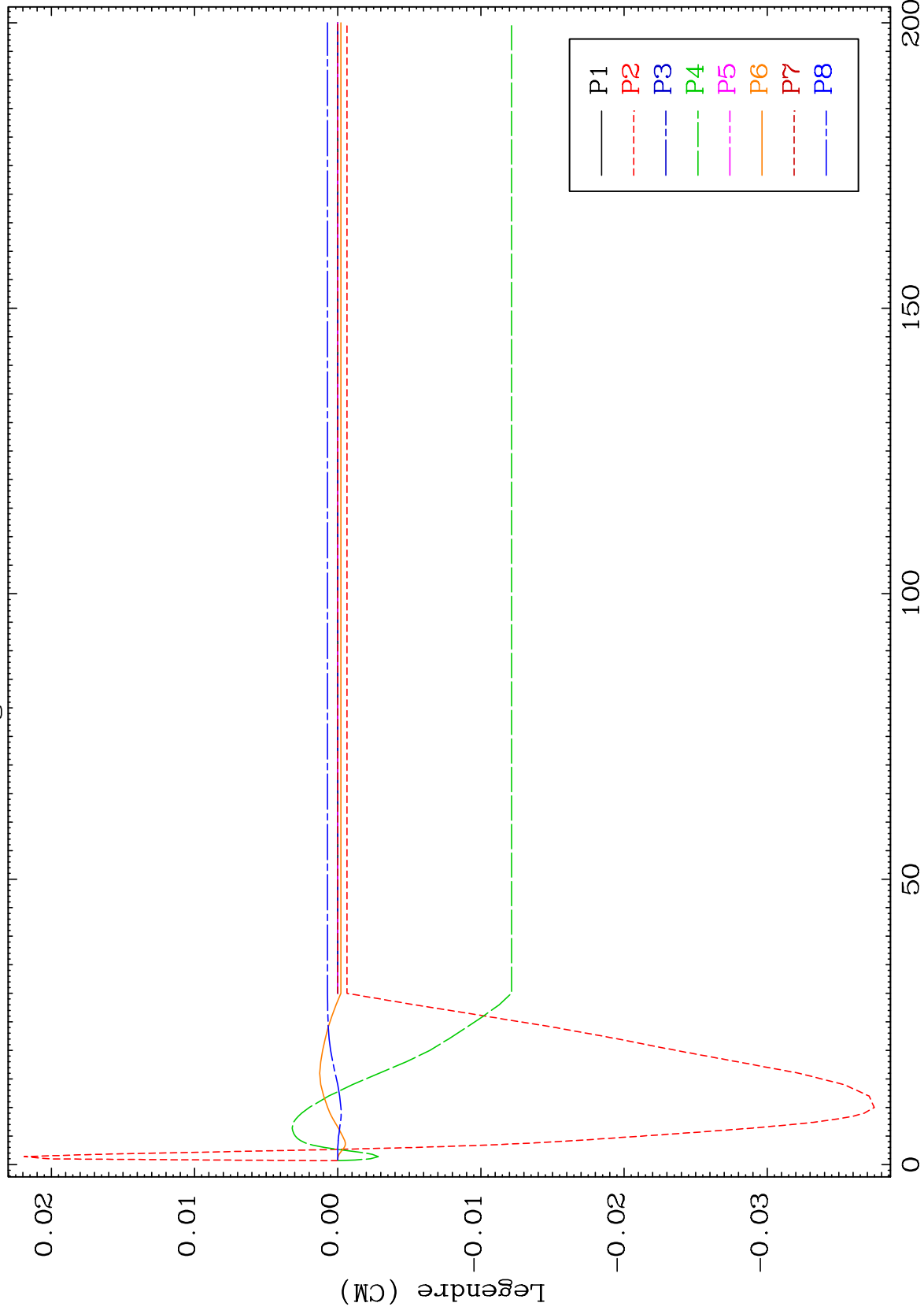




MAT 5707

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

57-La-132



91

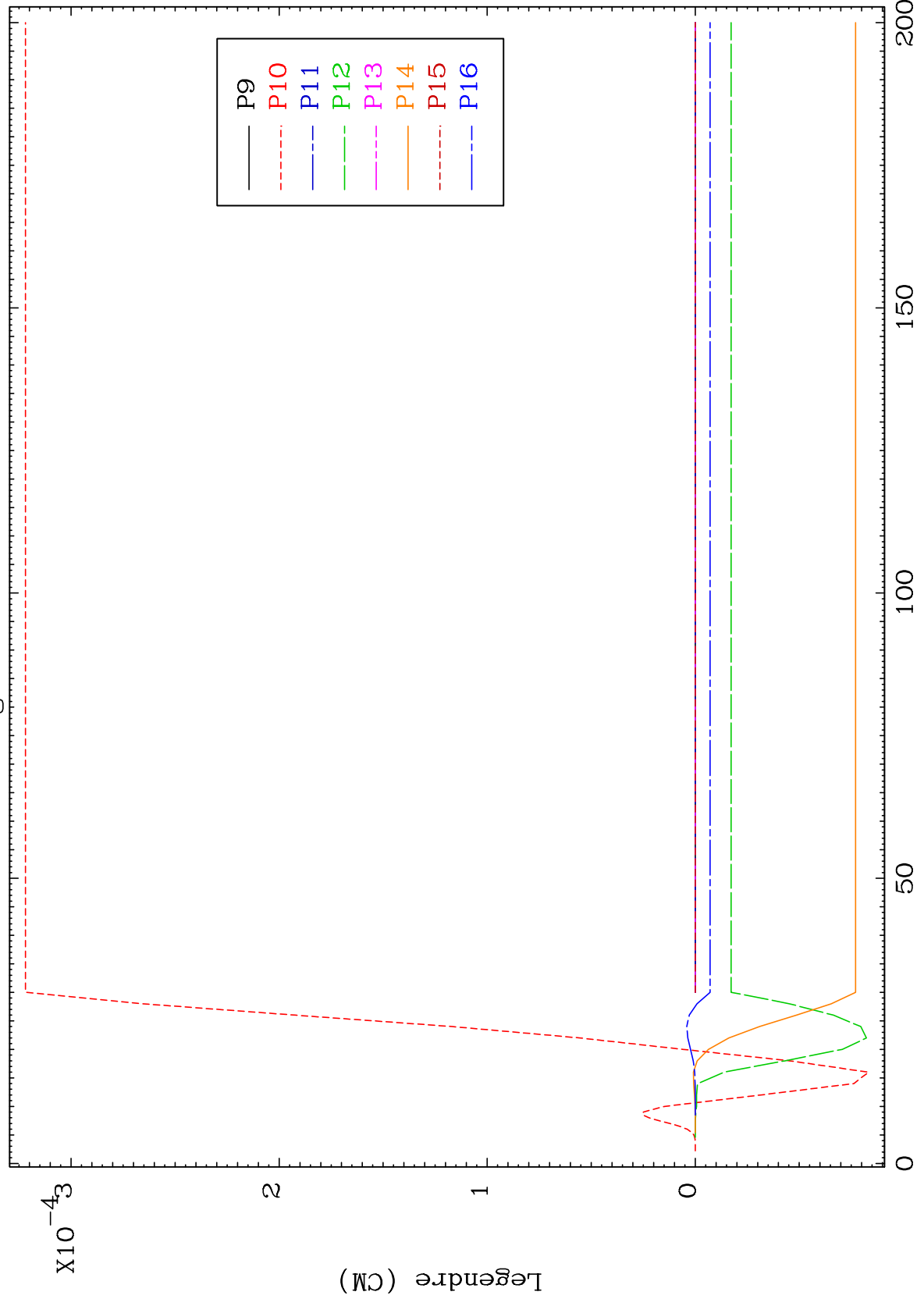
Incident Energy (MeV)

57-La-132

MAT 5707

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

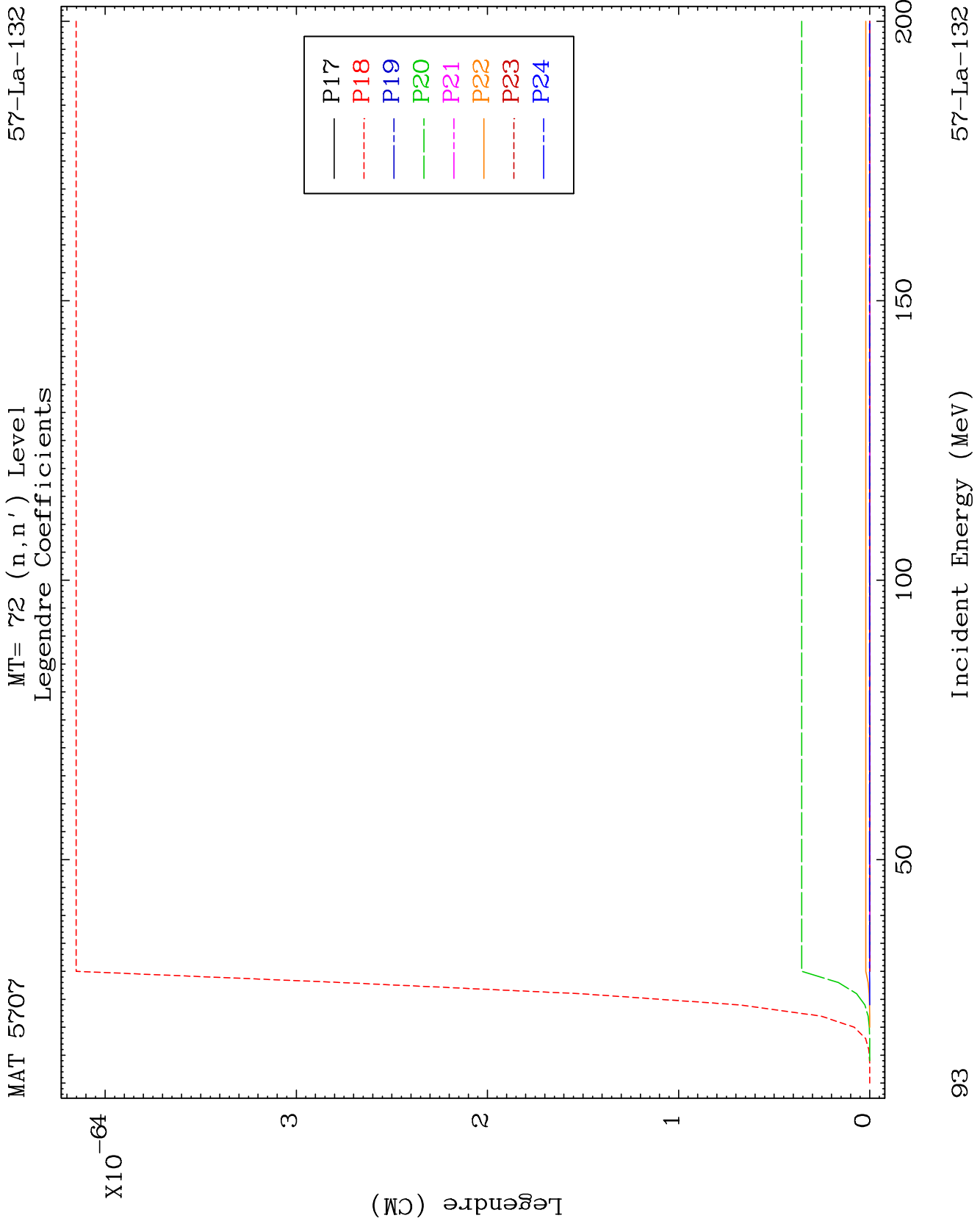
57-La-132



92

Incident Energy (MeV)

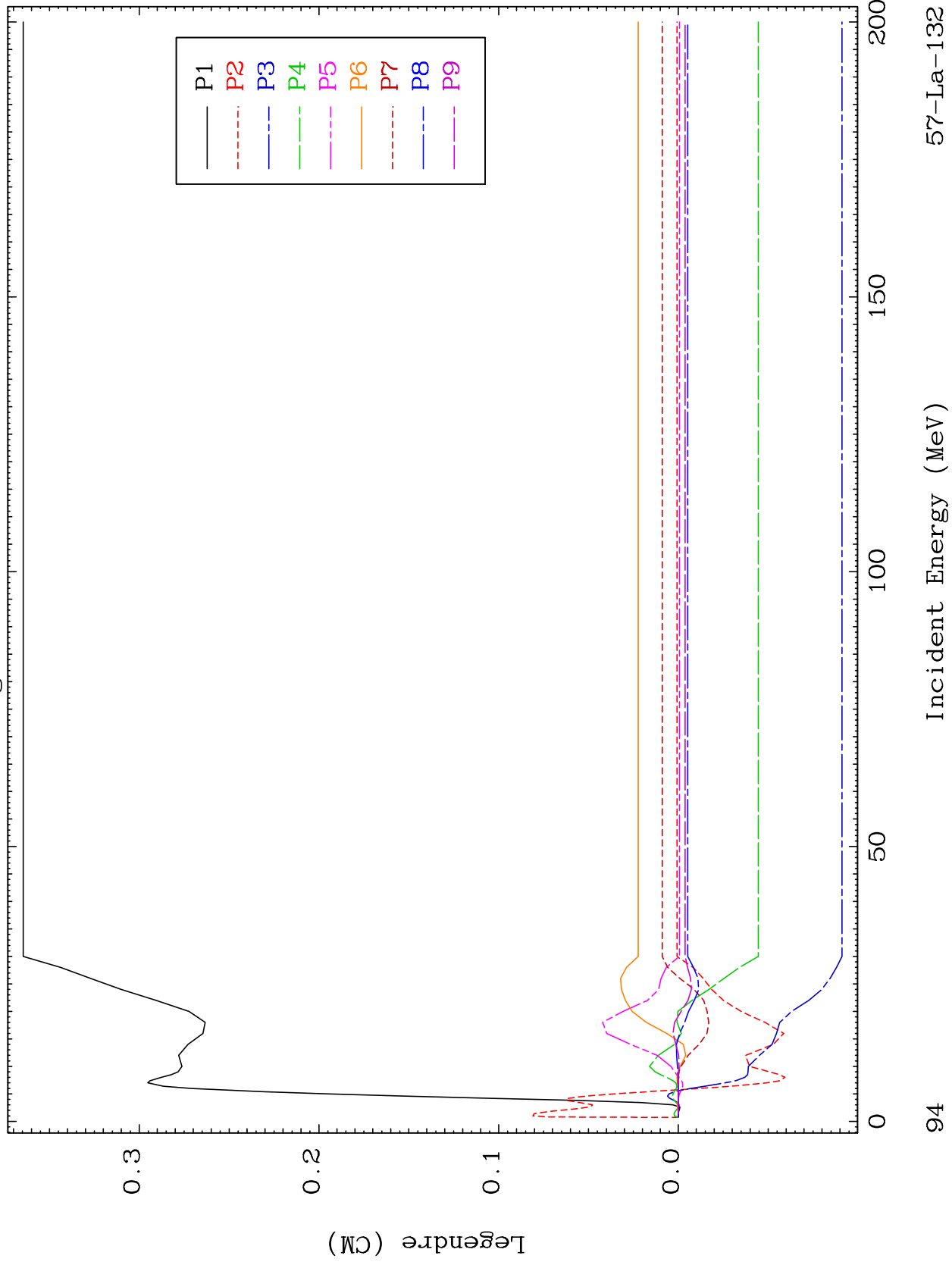
57-La-132

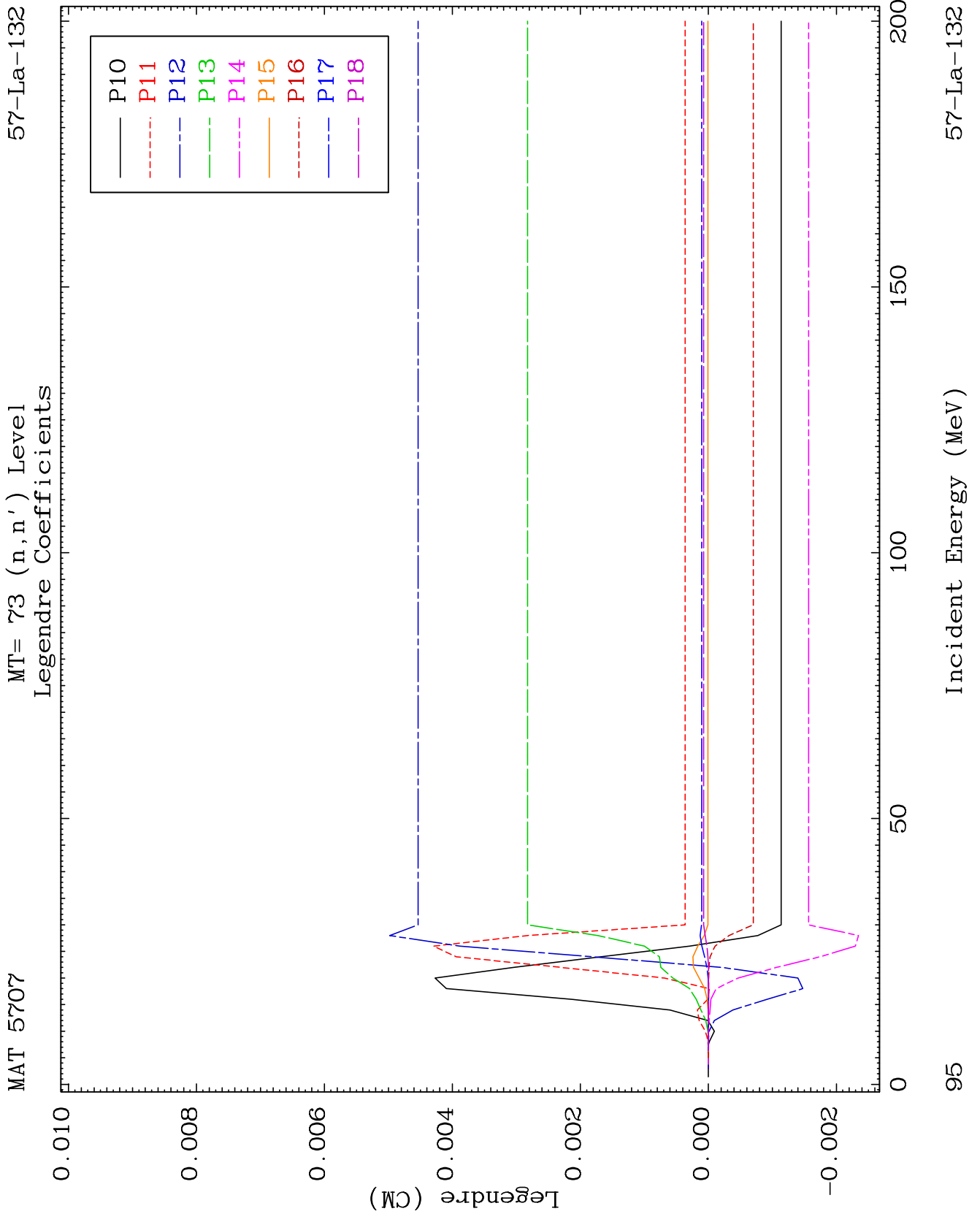


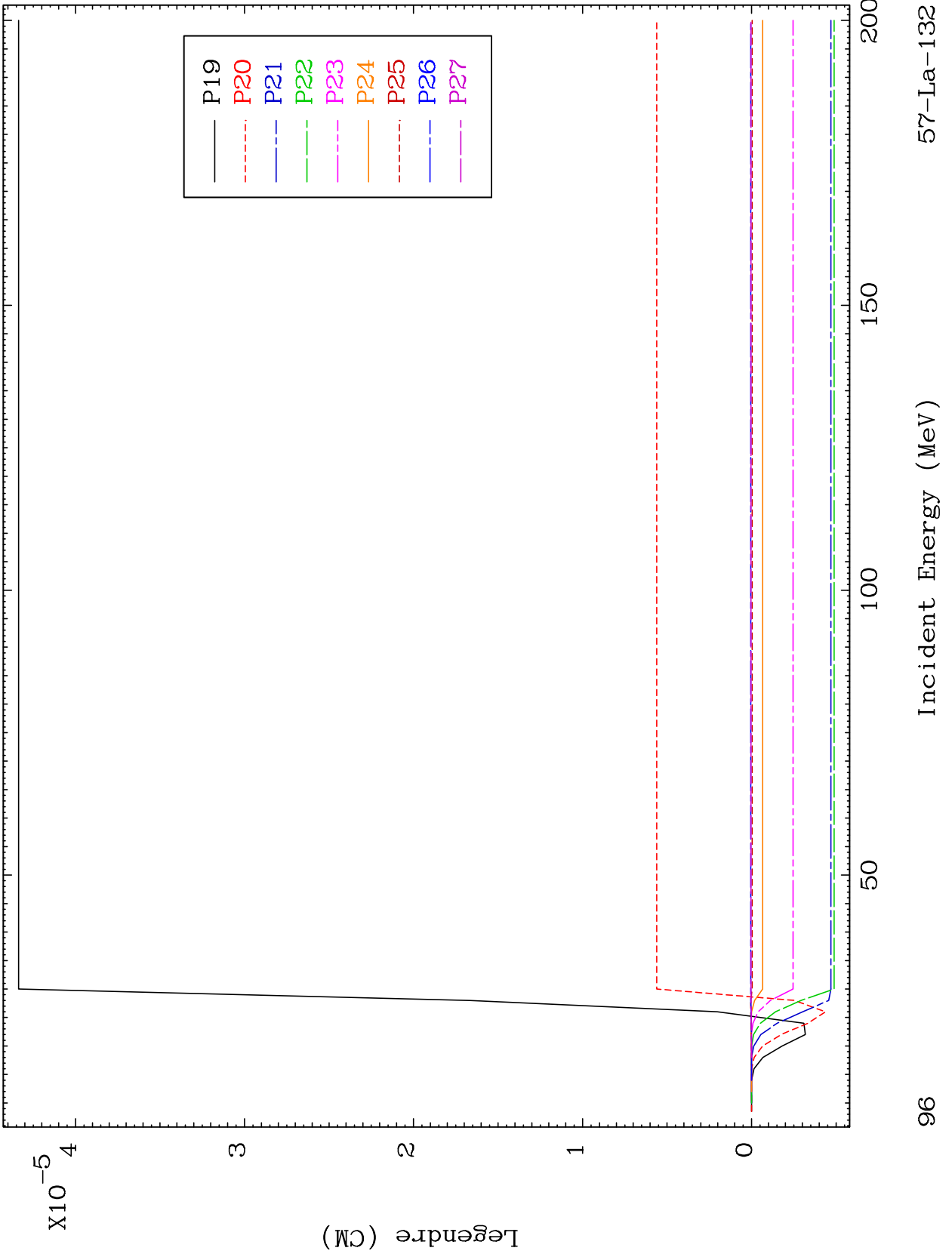
MAT 5707

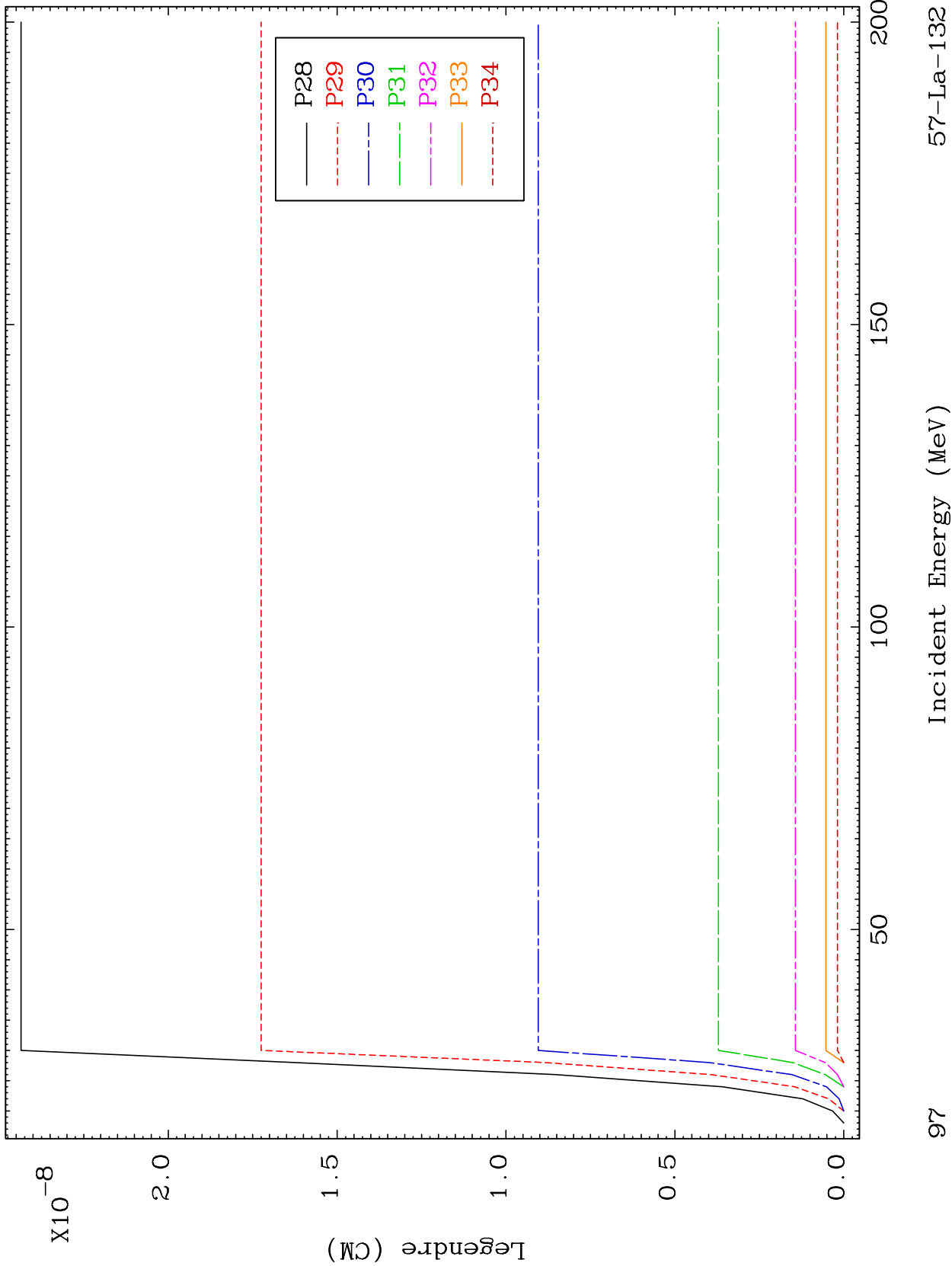
MT= 73 (n,n') Level
Legendre Coefficients

57-La-132





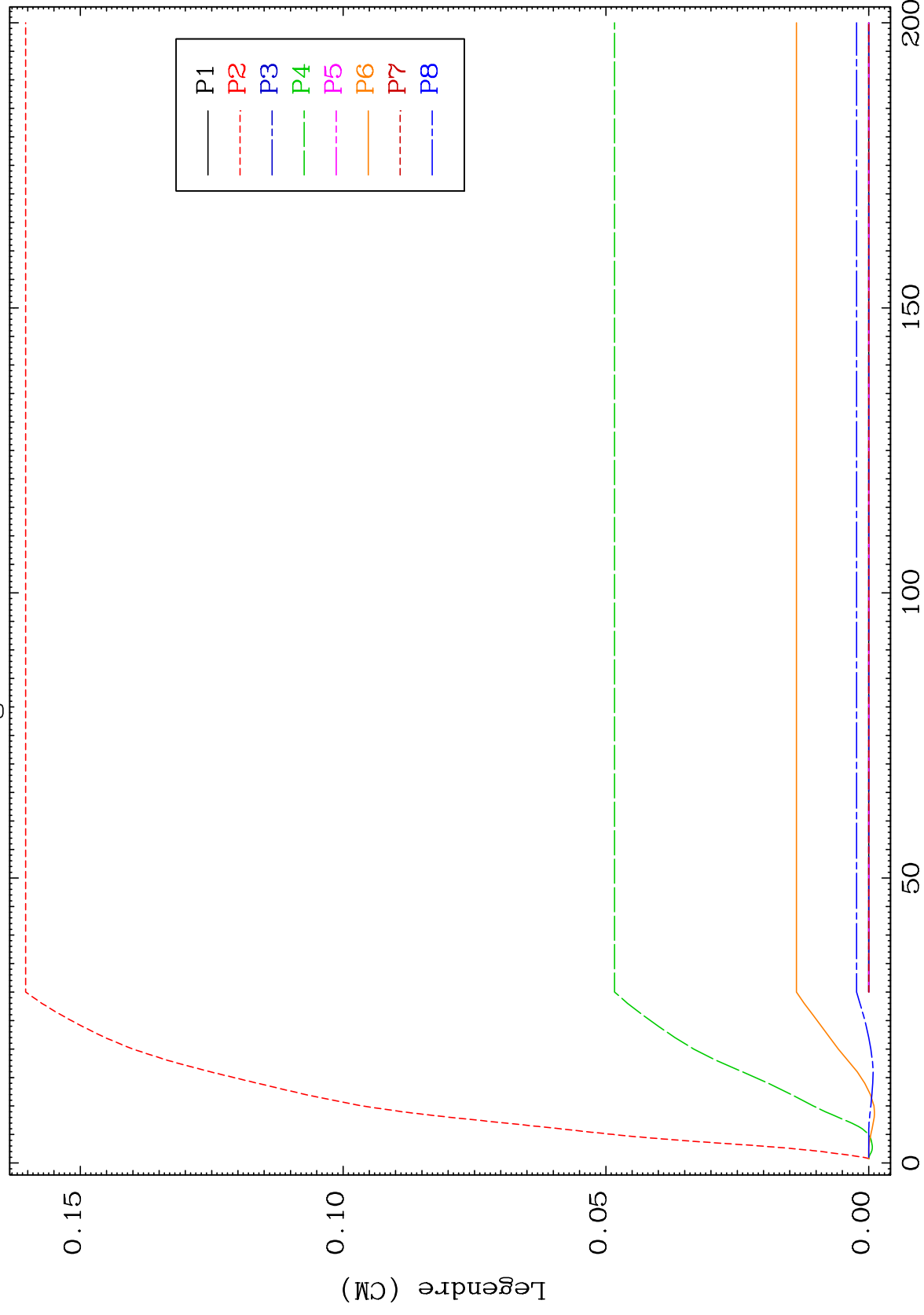




MAT 5707

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

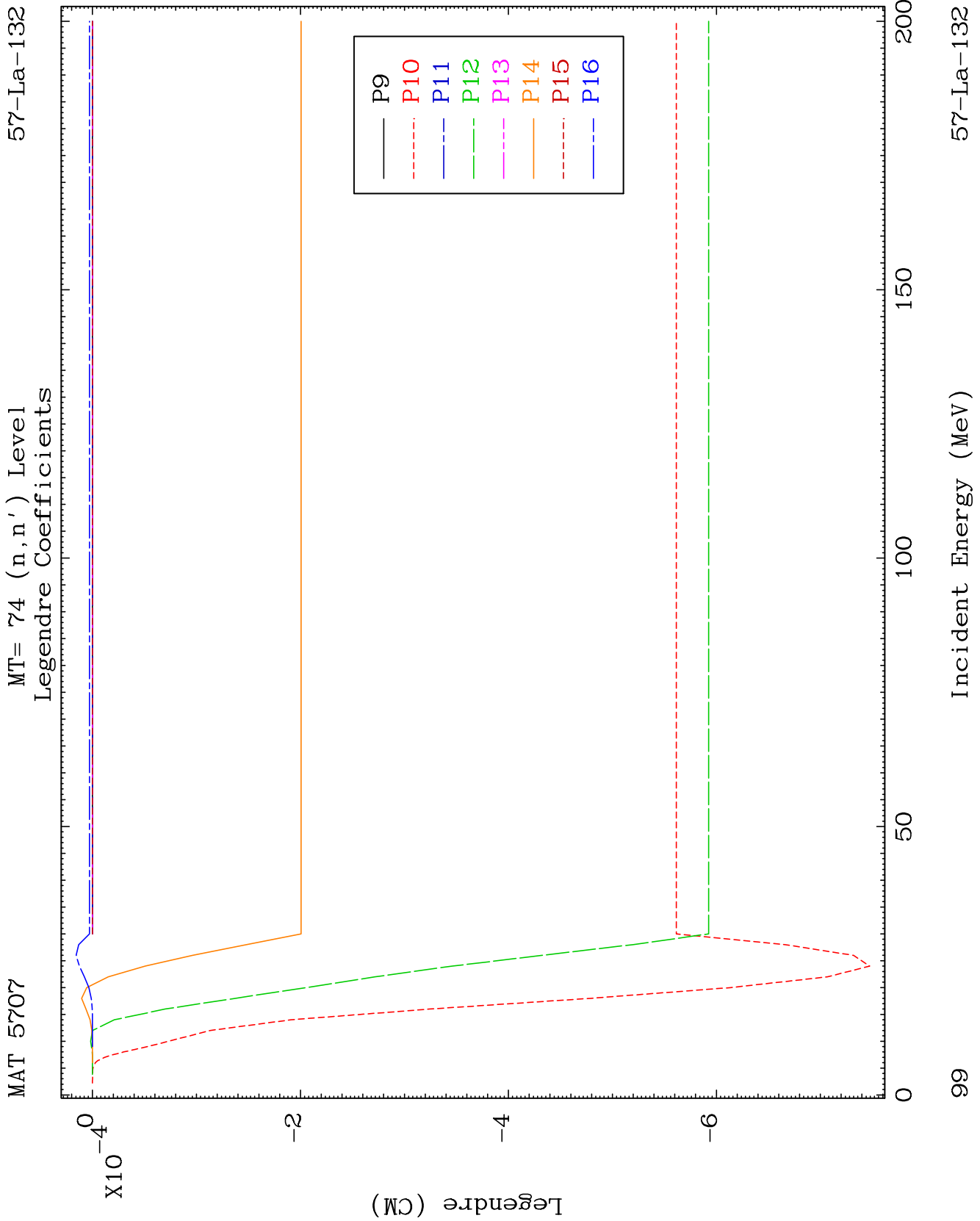
57-La-132

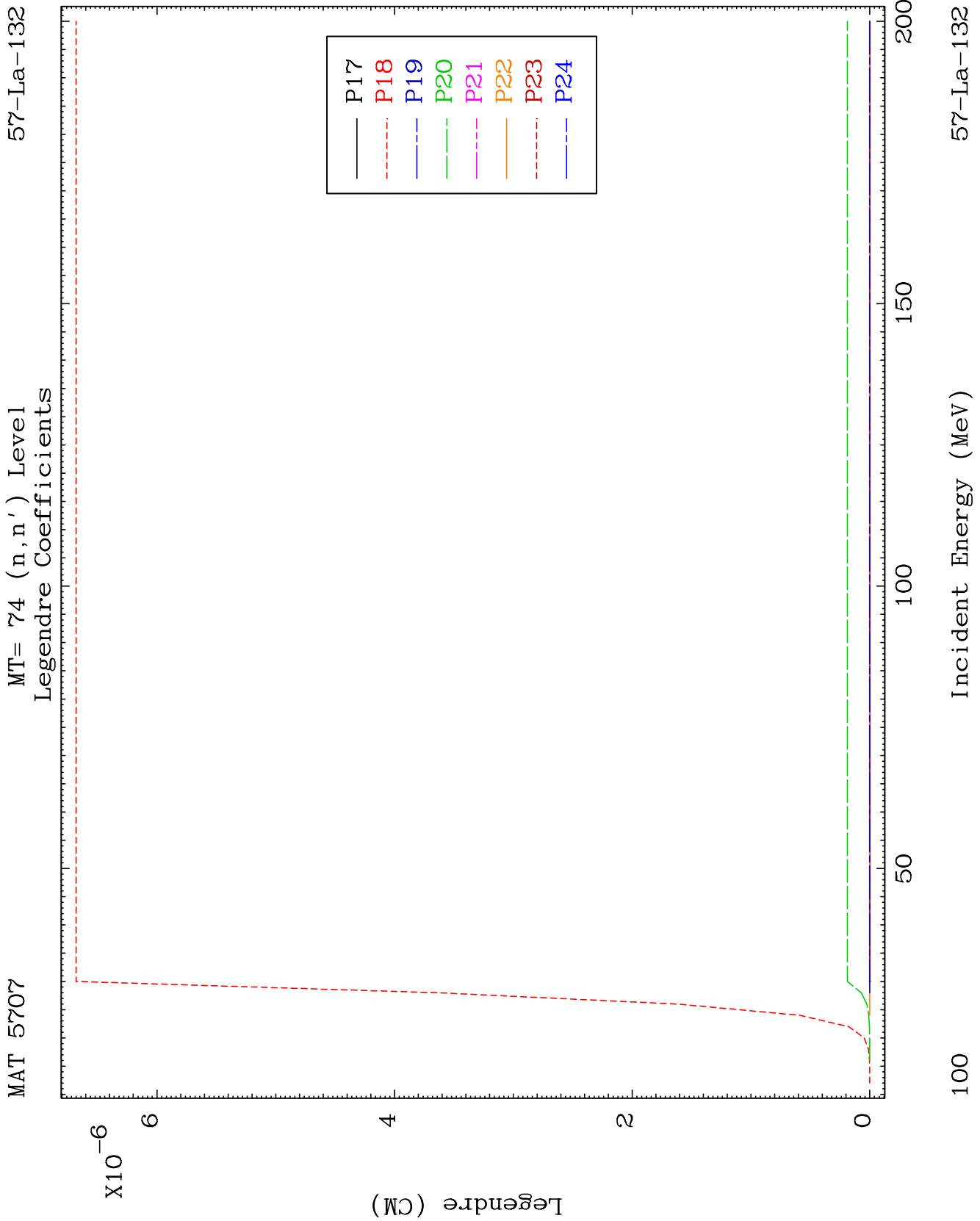


98

Incident Energy (MeV)

57-La-132

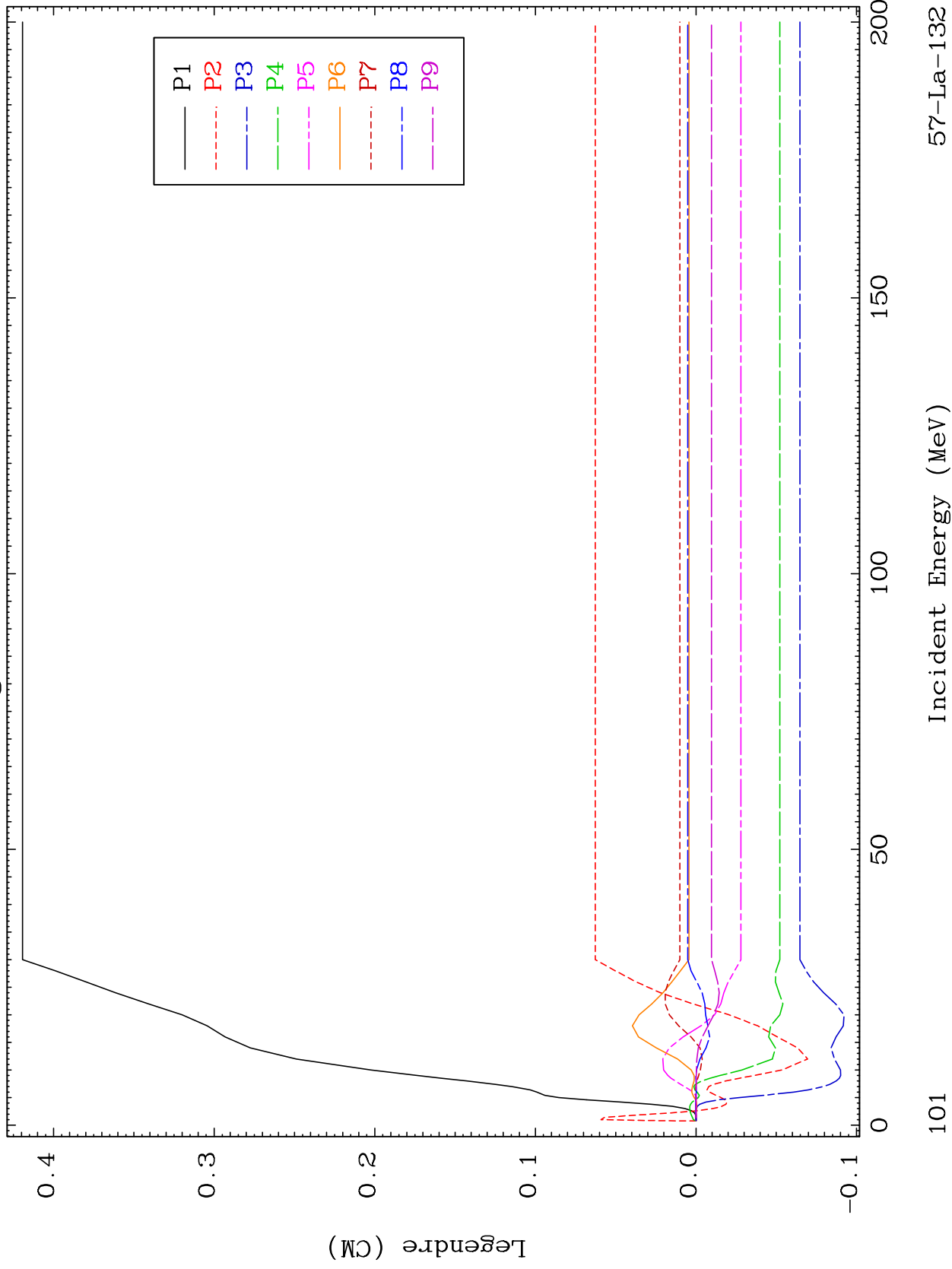




MAT 5707

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

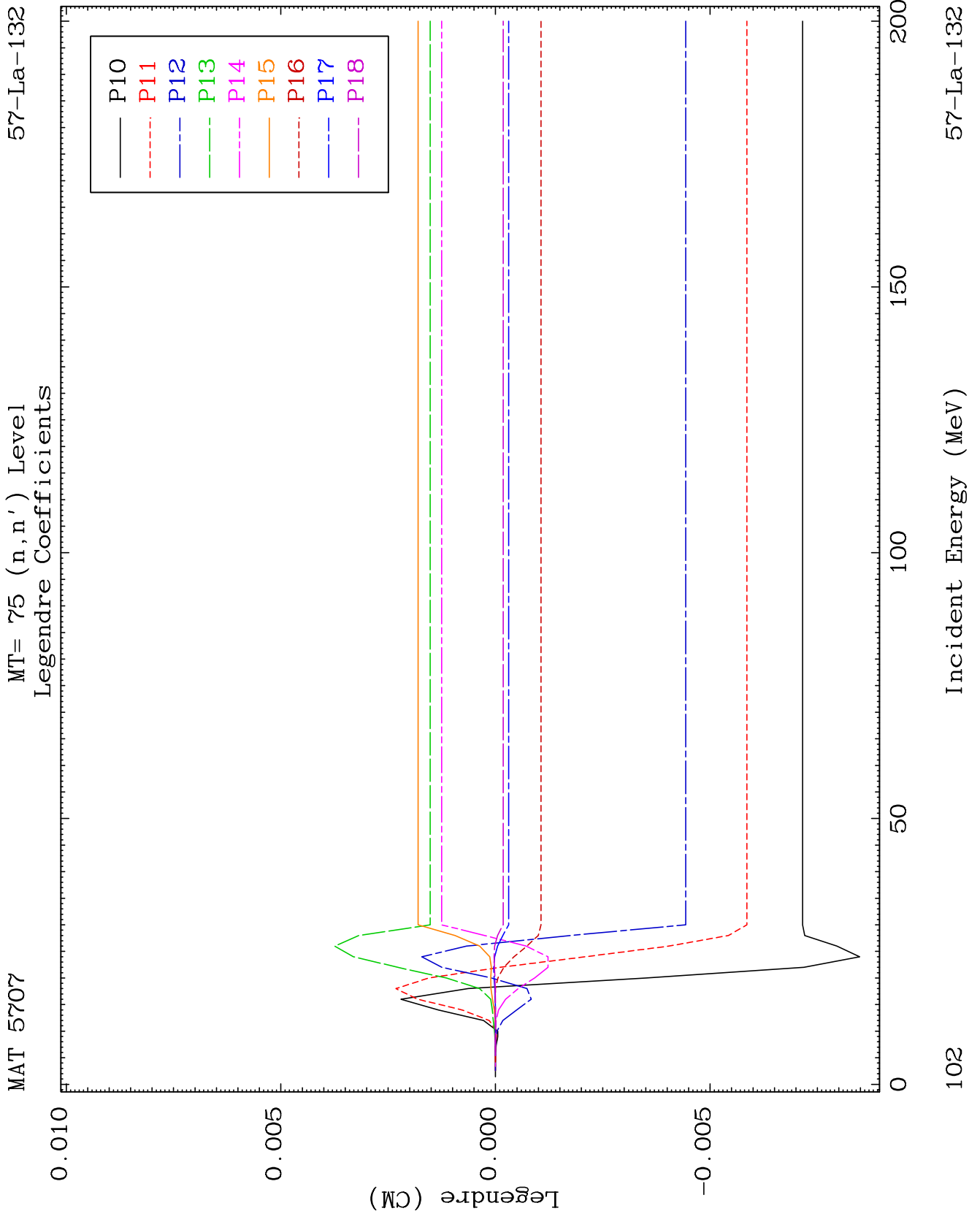
57-La-132



57-La-132

Incident Energy (MeV)

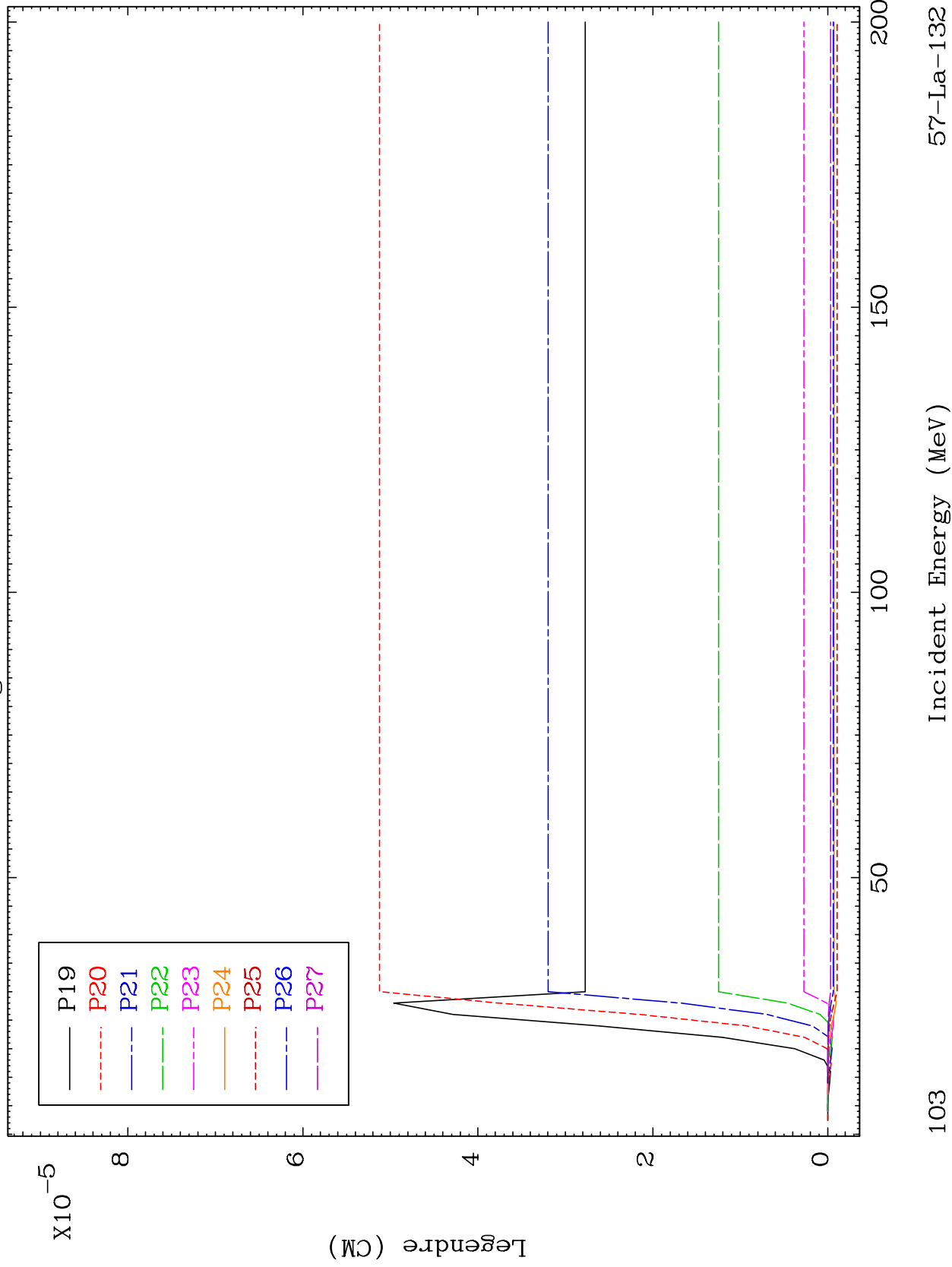
101



MAT 5707

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

57-La-132



103

Incident Energy (MeV)

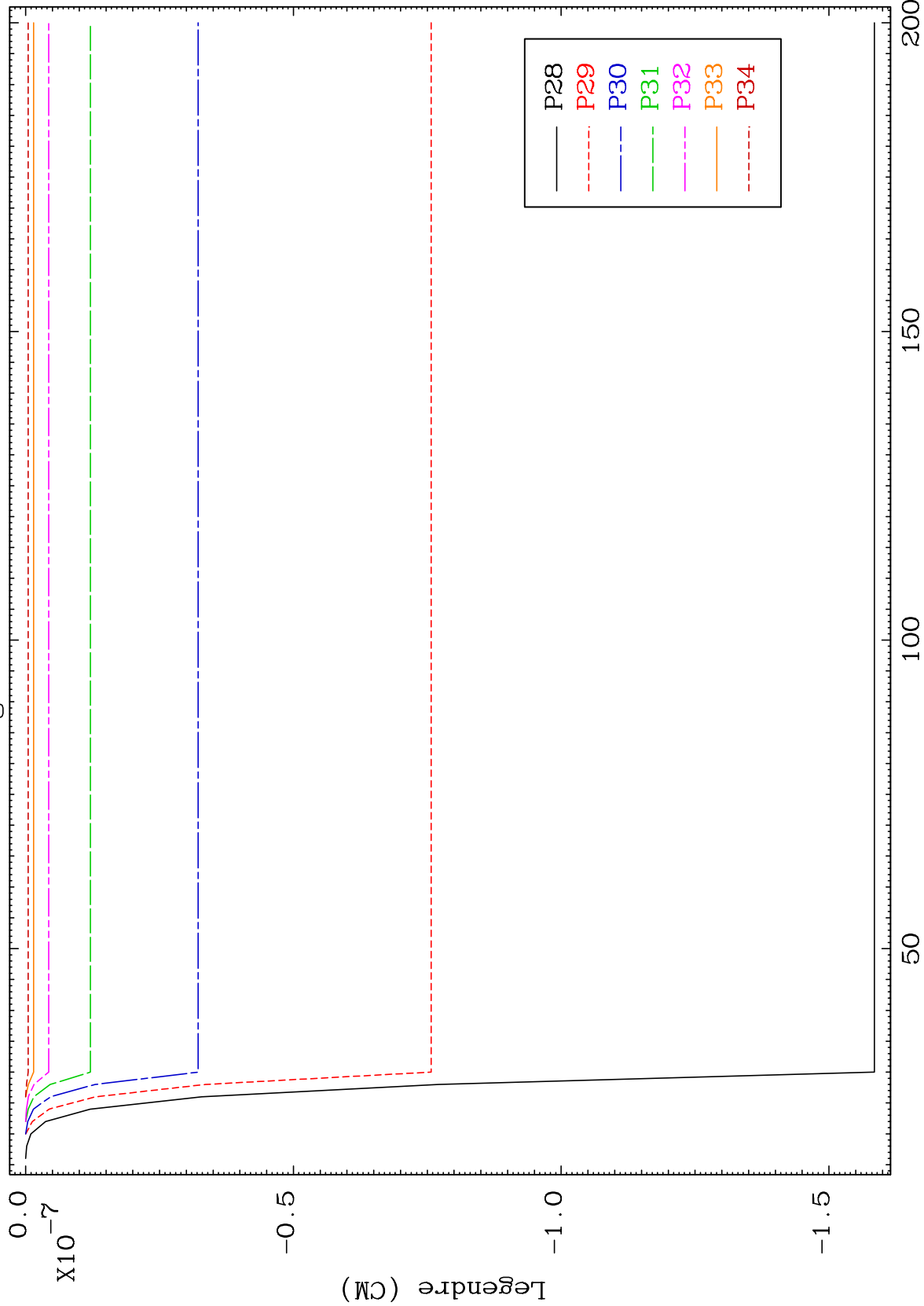
57-La-132

MAT 5707

MT= 75 (n,n') Level

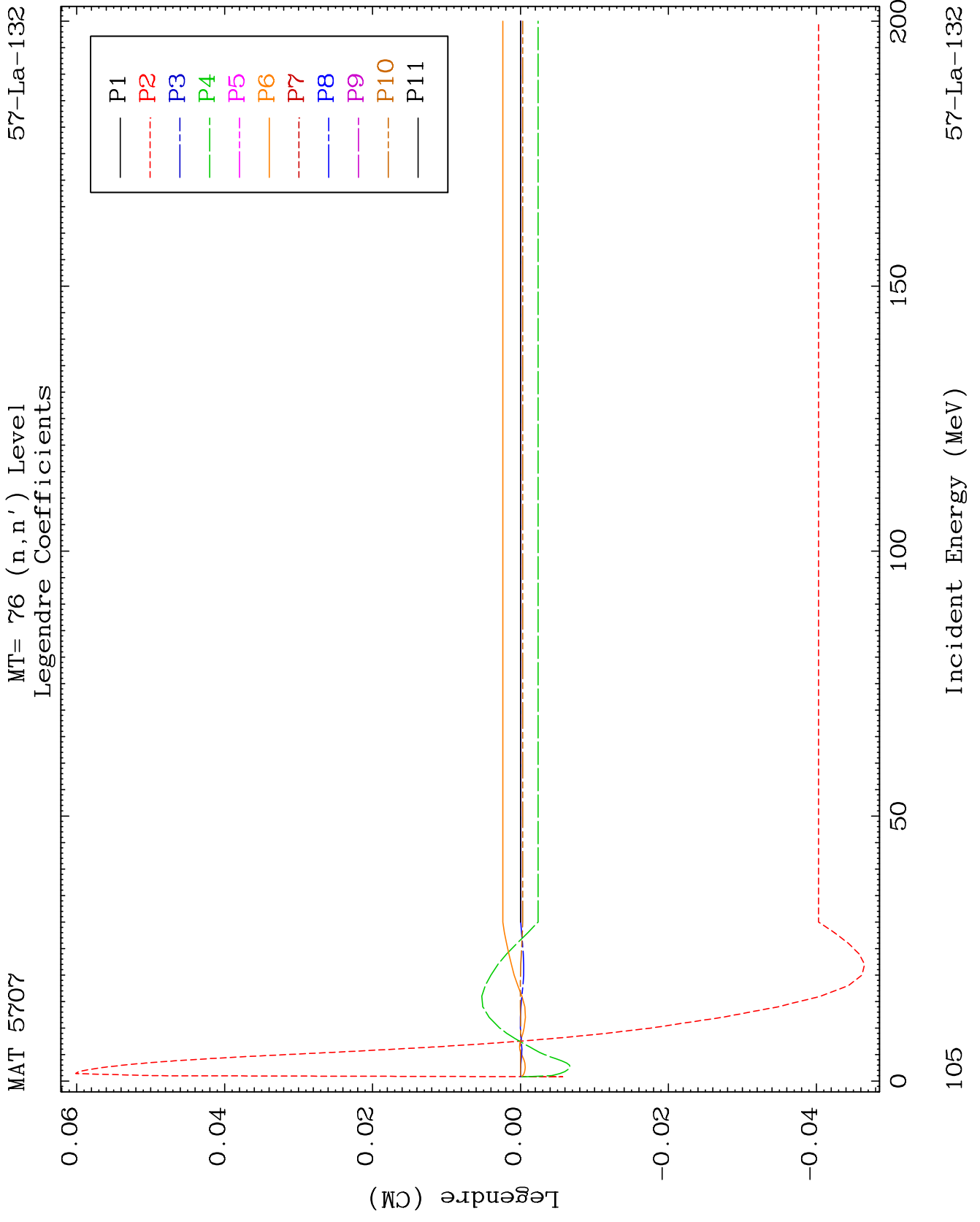
57-La-132

Legendre Coefficients



104

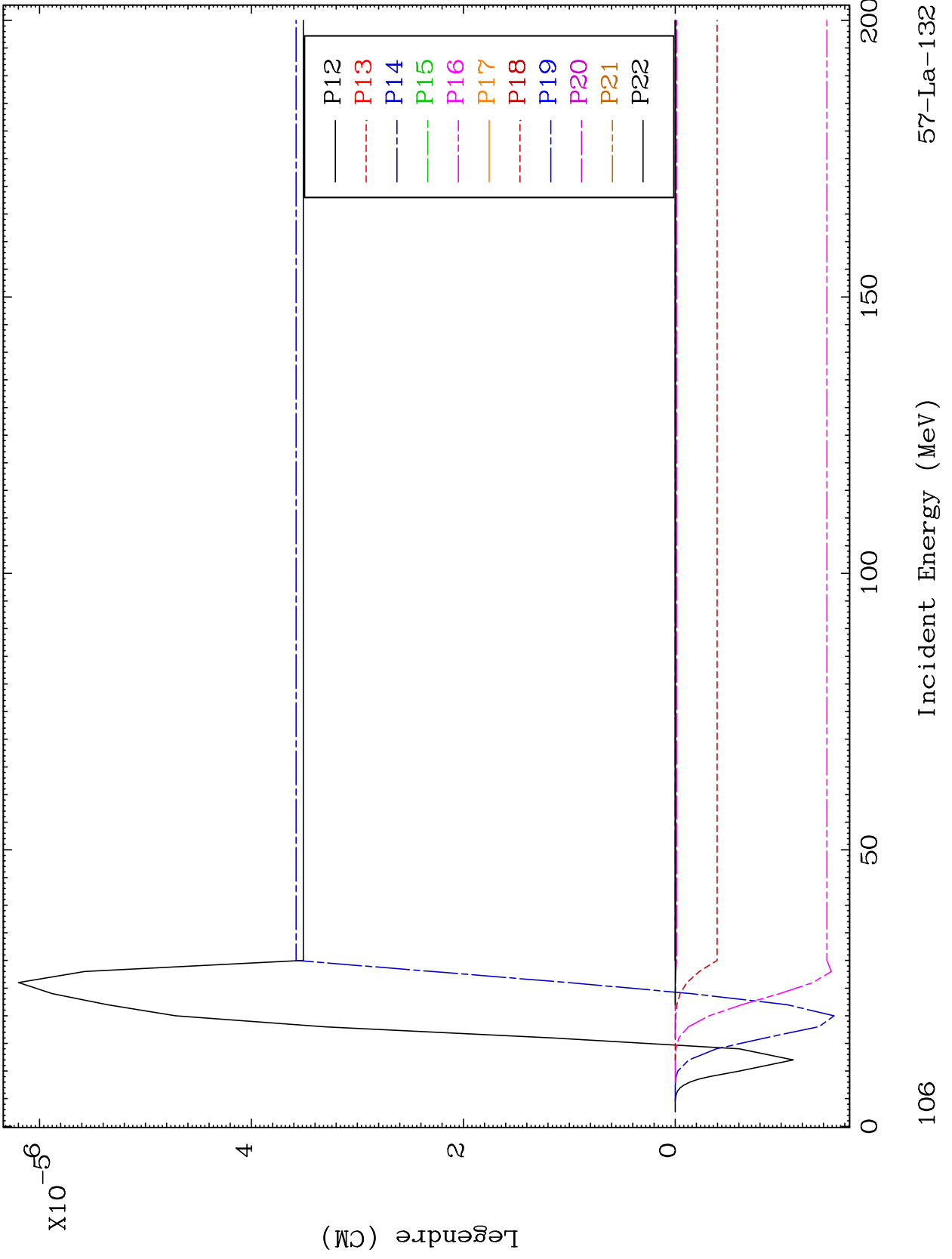
57-La-132



MAT 5707

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

57-La-132



57-La-132

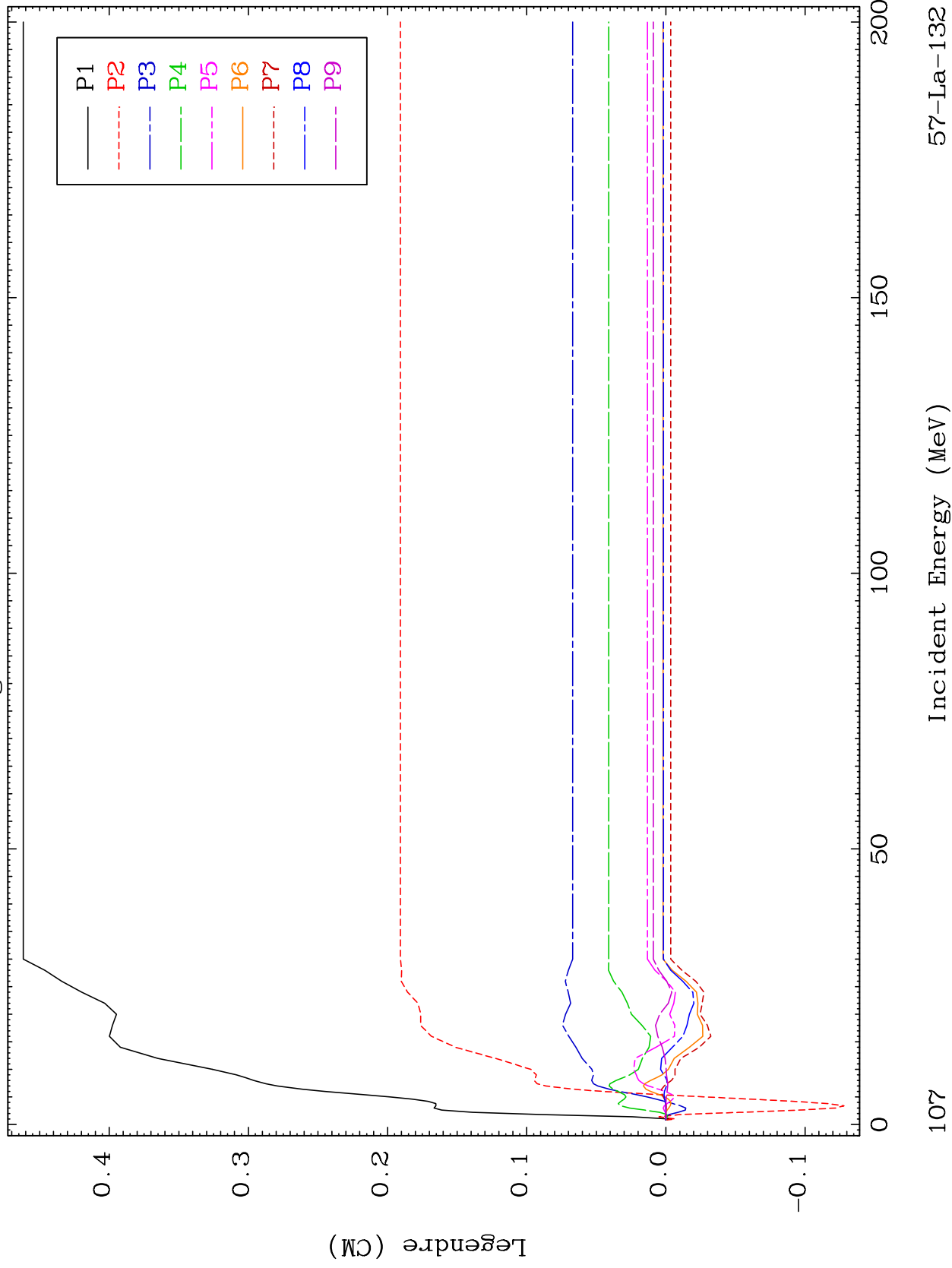
Incident Energy (MeV)

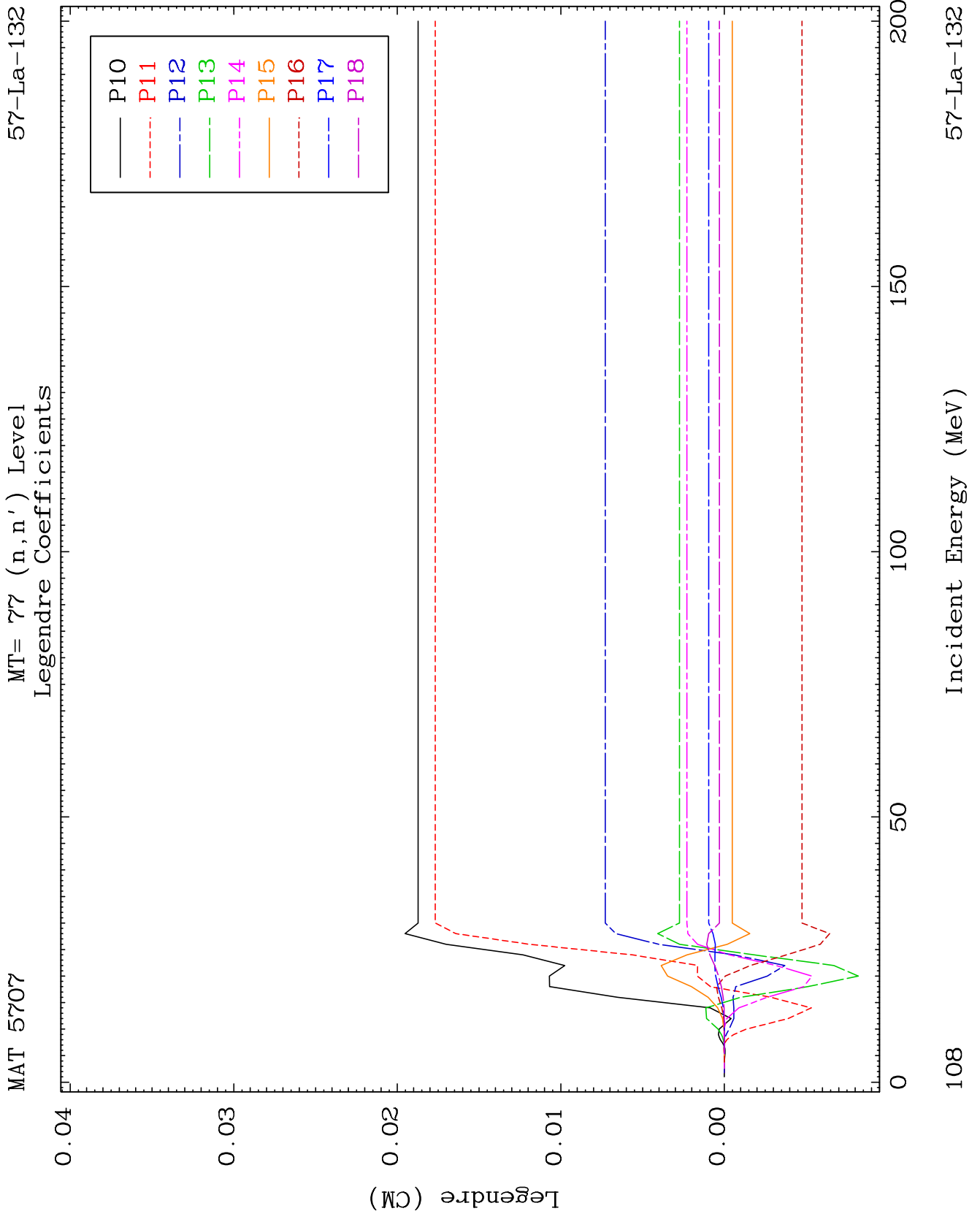
106

MAT 5707

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

57-La-132

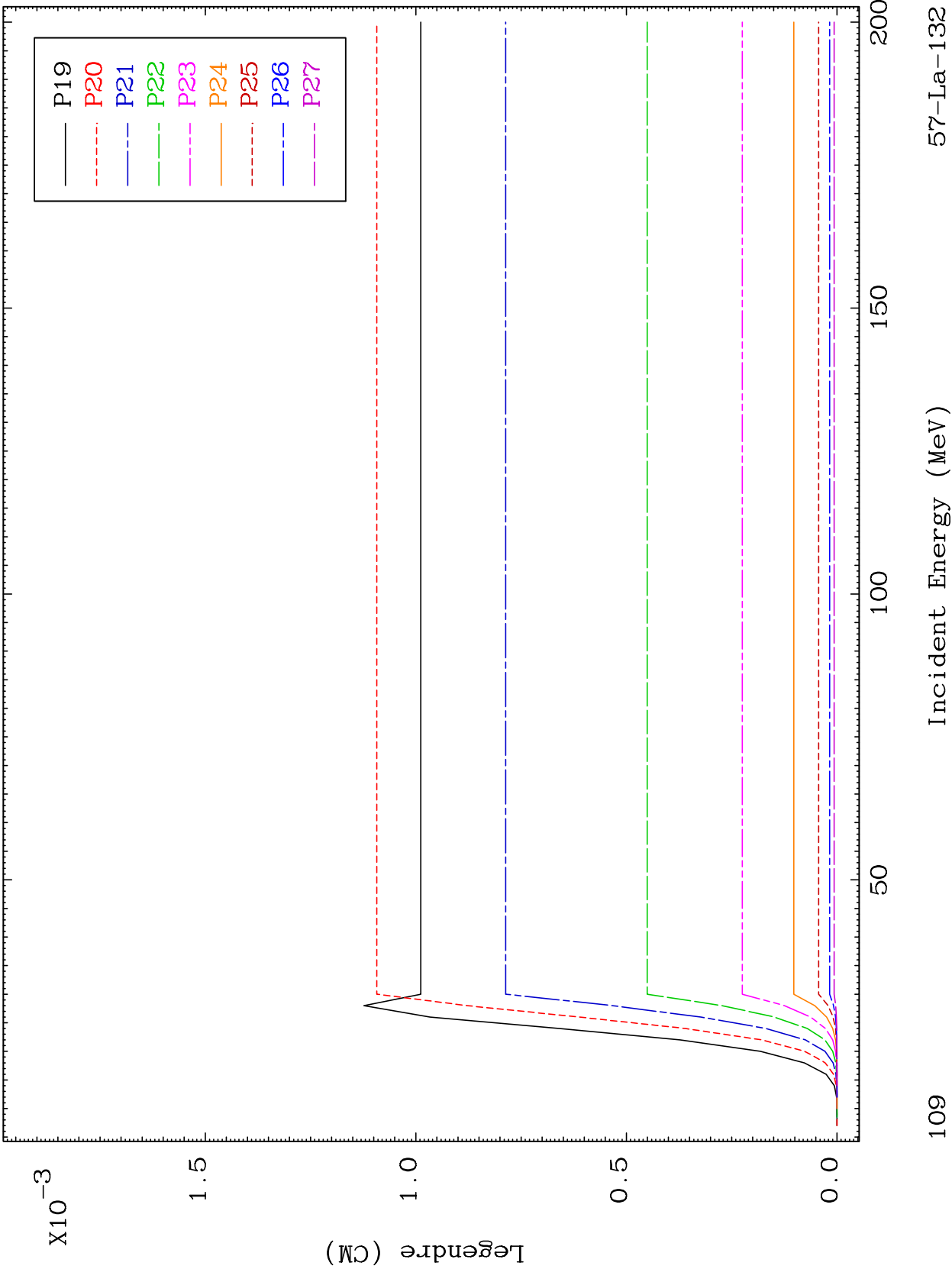




MAT 5707

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

57-La-132



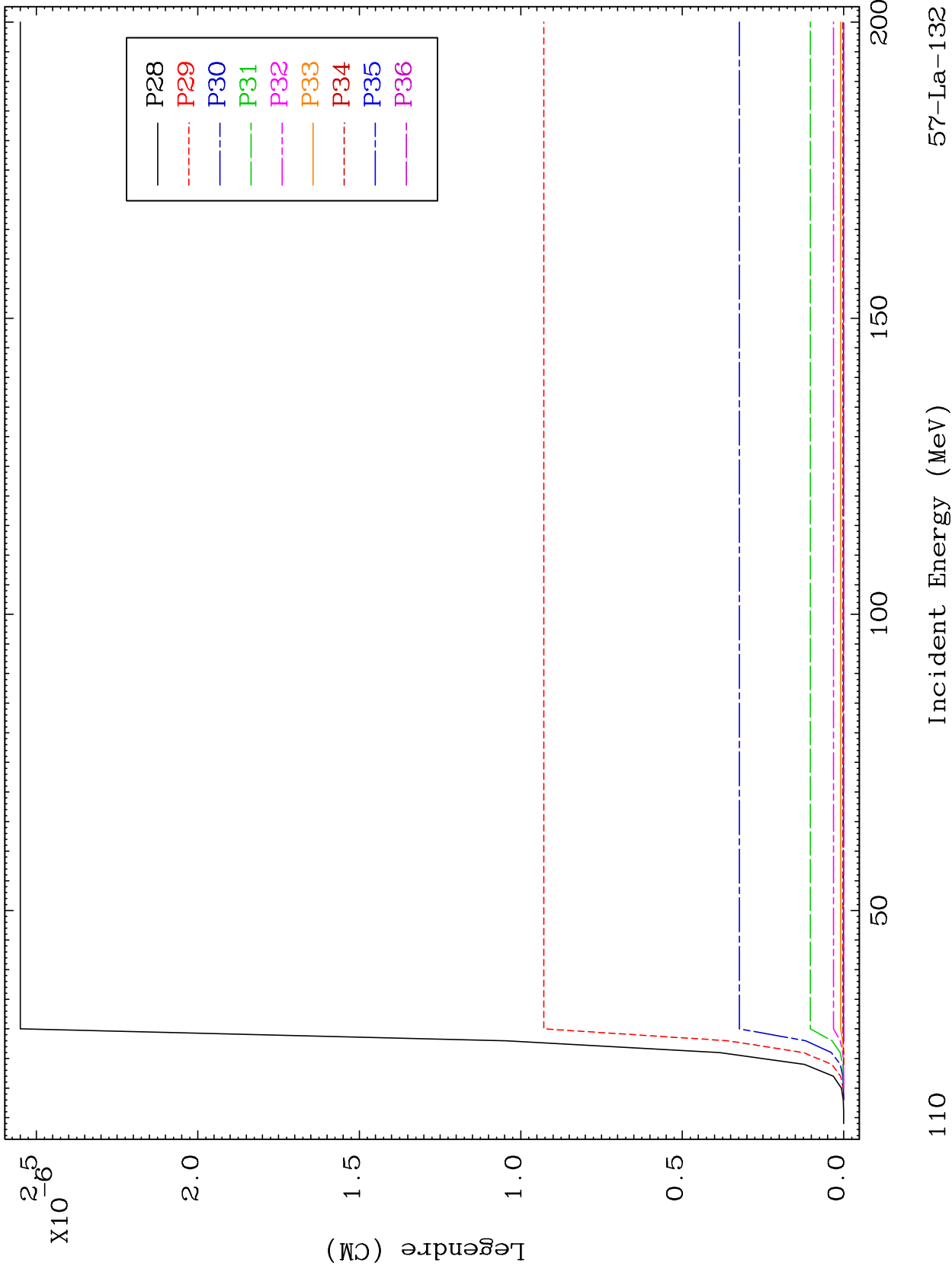
109

57-La-132

MAT 5707

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

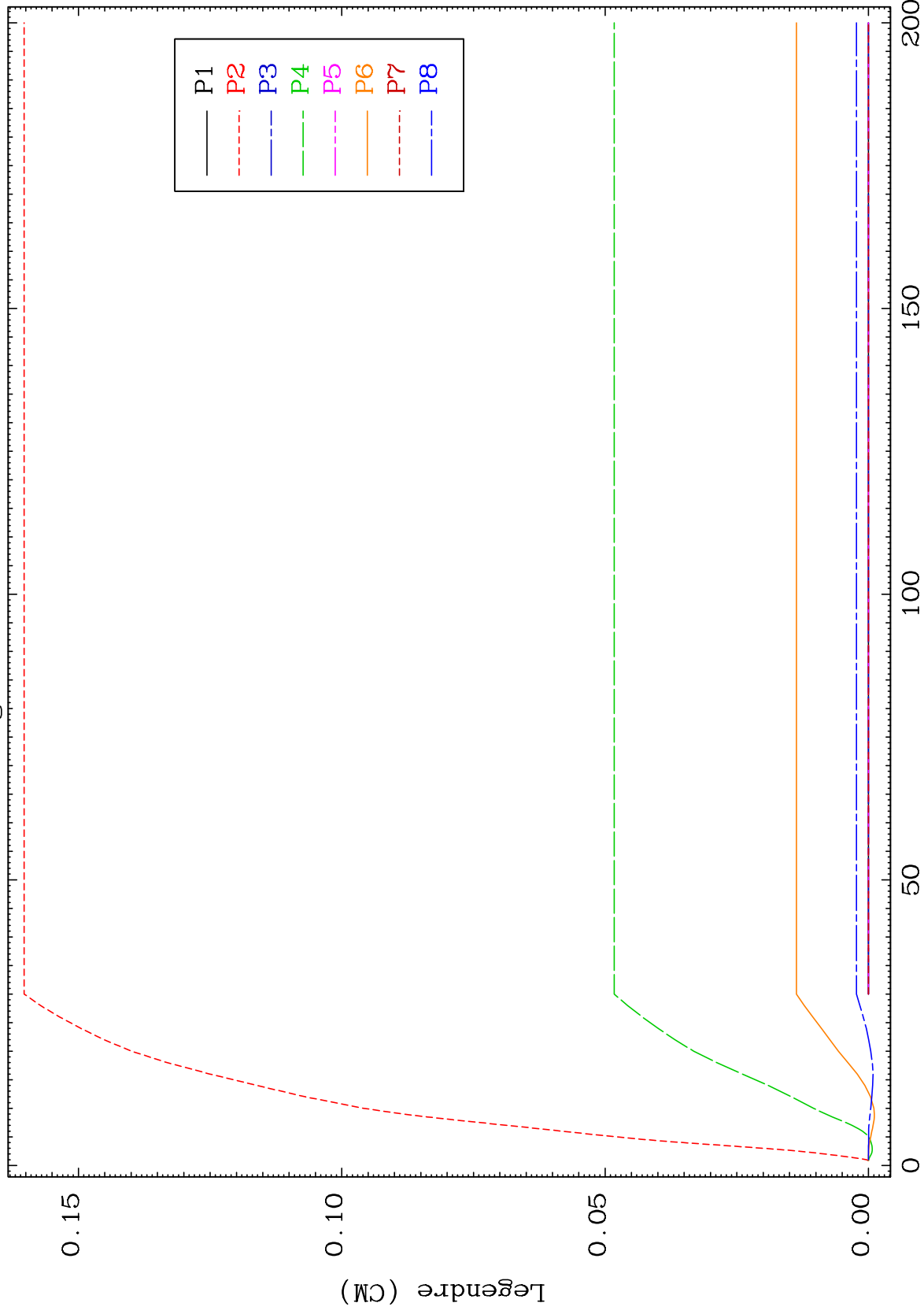
57-La-132



MAT 5707

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

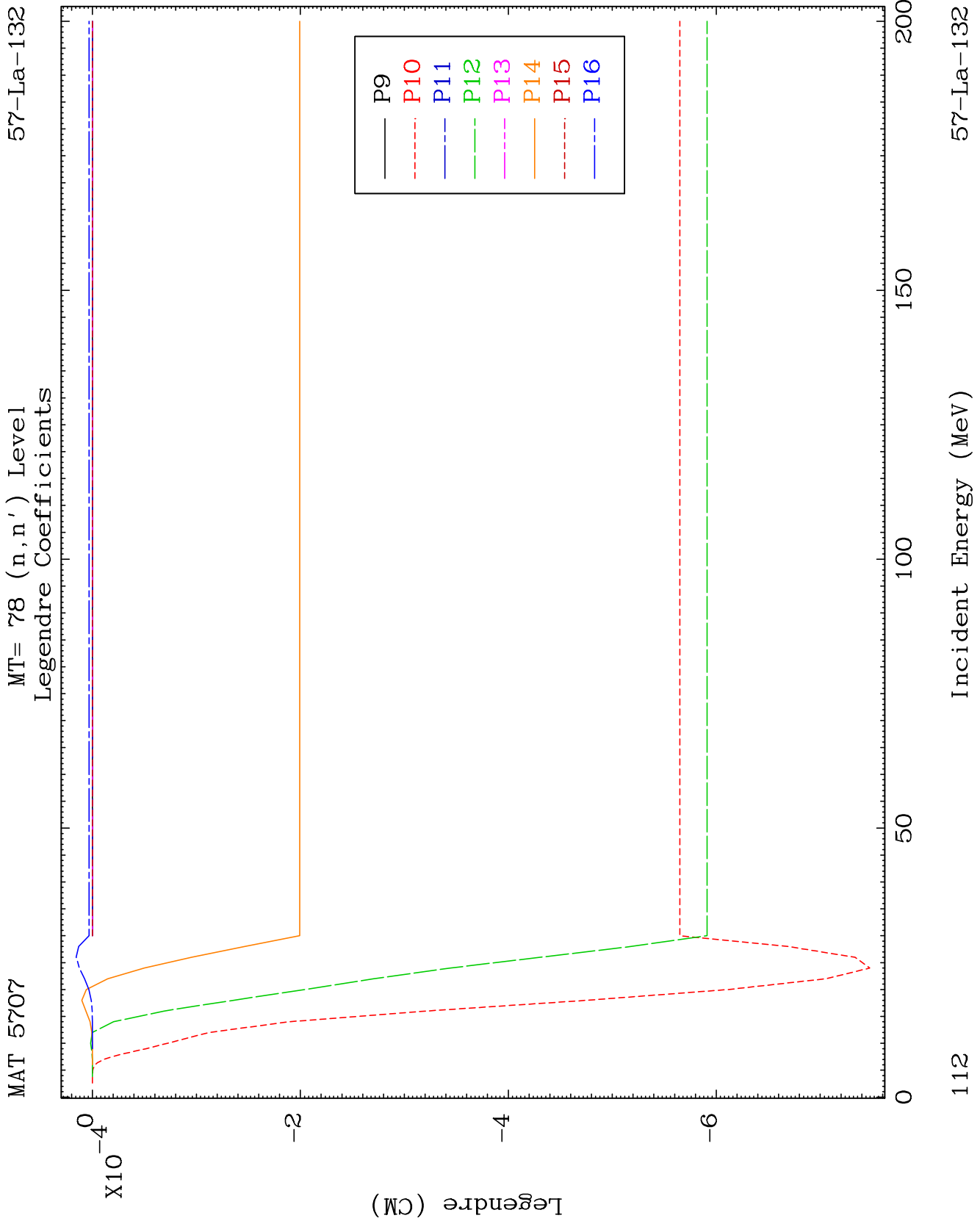
57-La-132

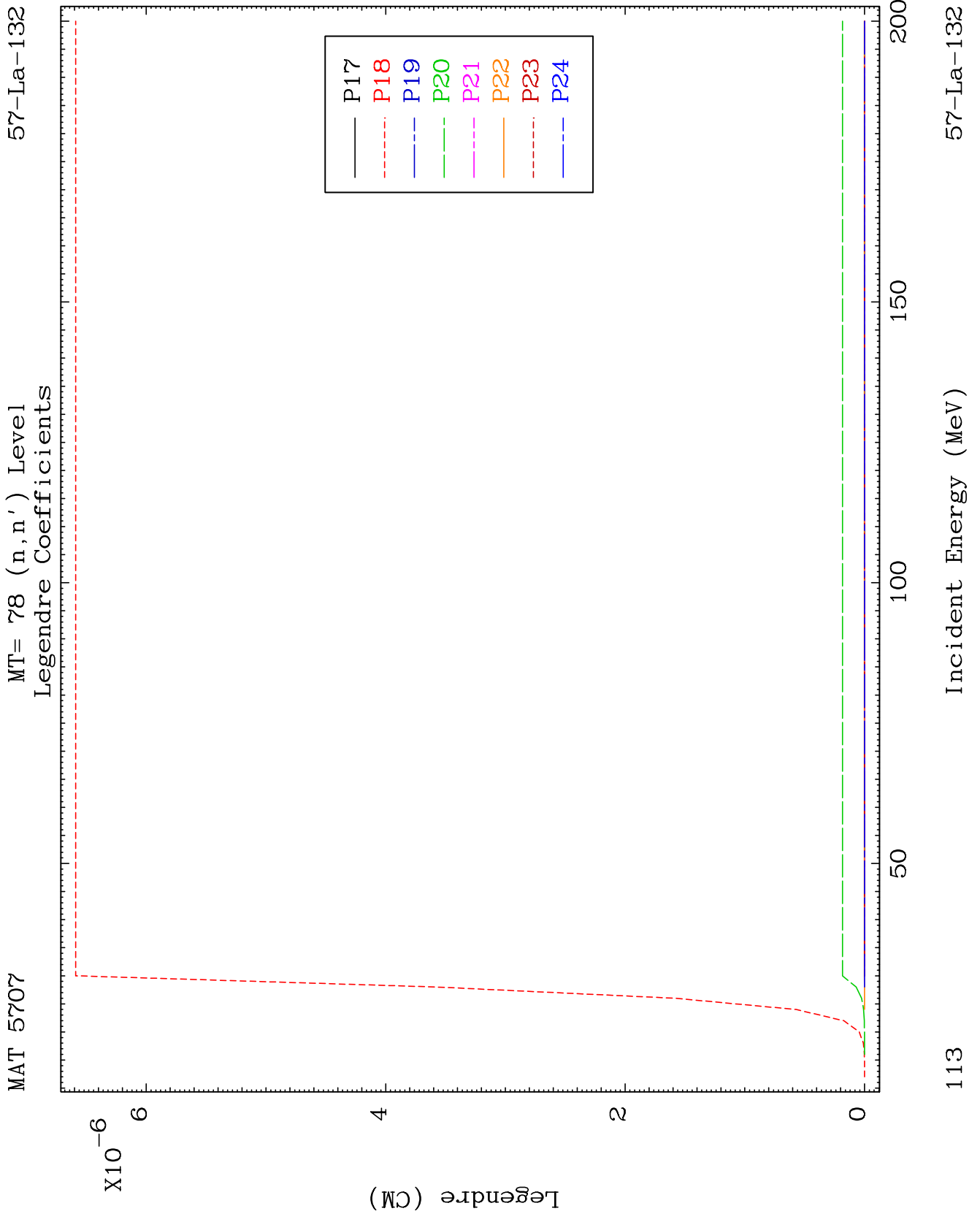


111

Incident Energy (MeV)

57-La-132

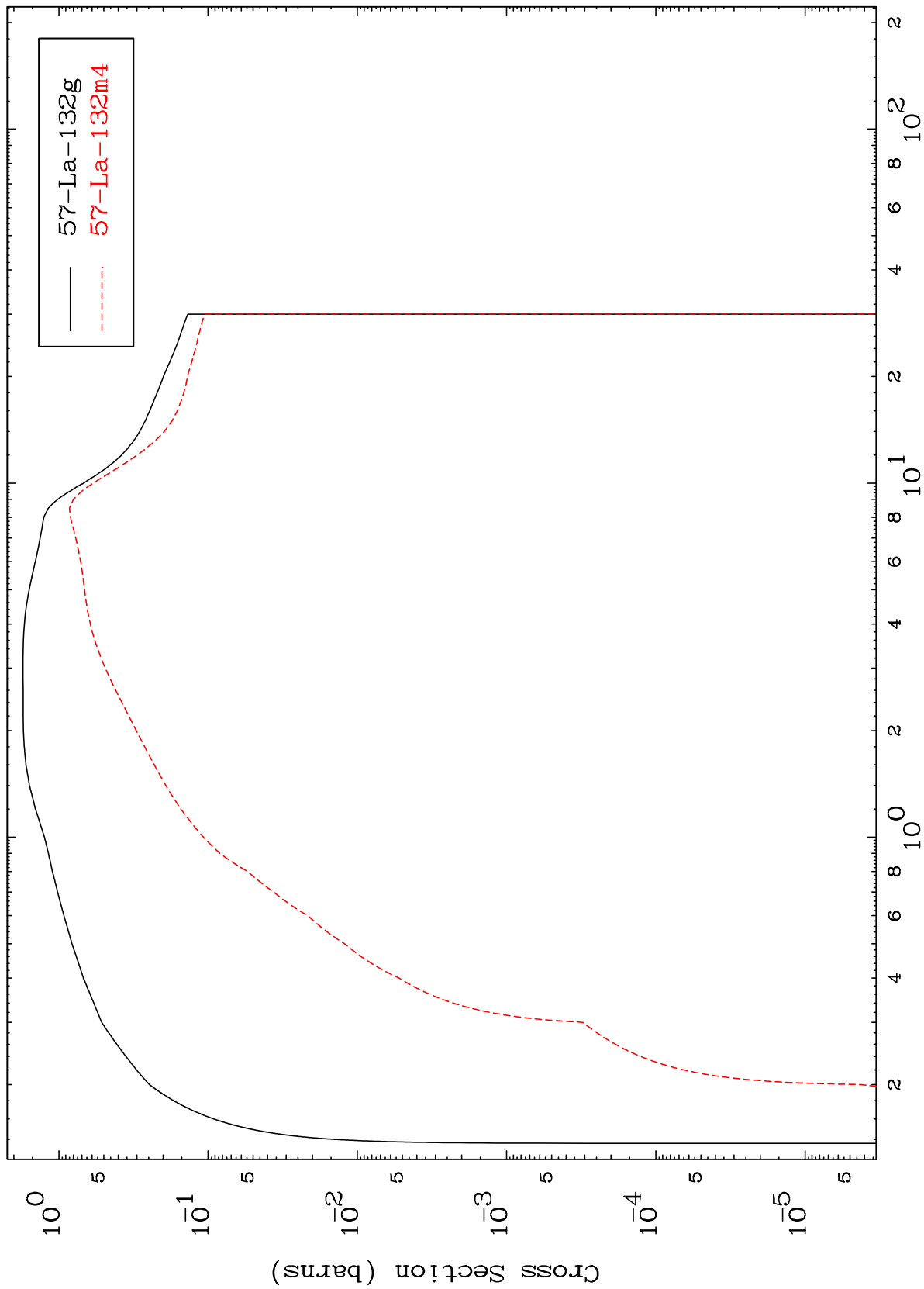




MAT 5707

57-La-132

Inelastic
Radionuclide Production Cross Section



114

Incident Energy (MeV)

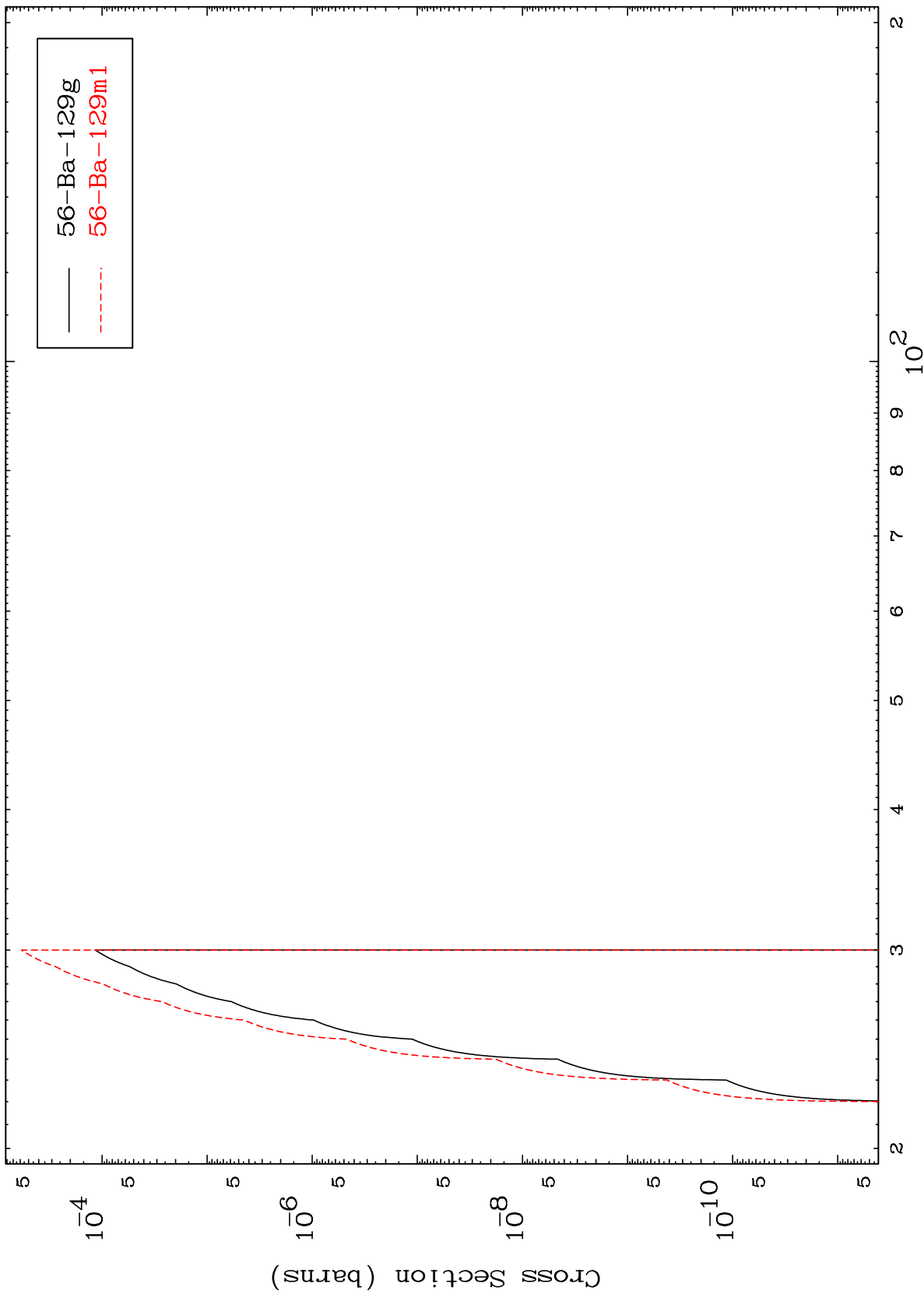
57-La-132

MAT 5707

(n,2n) d

57-La-132

Radionuclide Production Cross Section



115

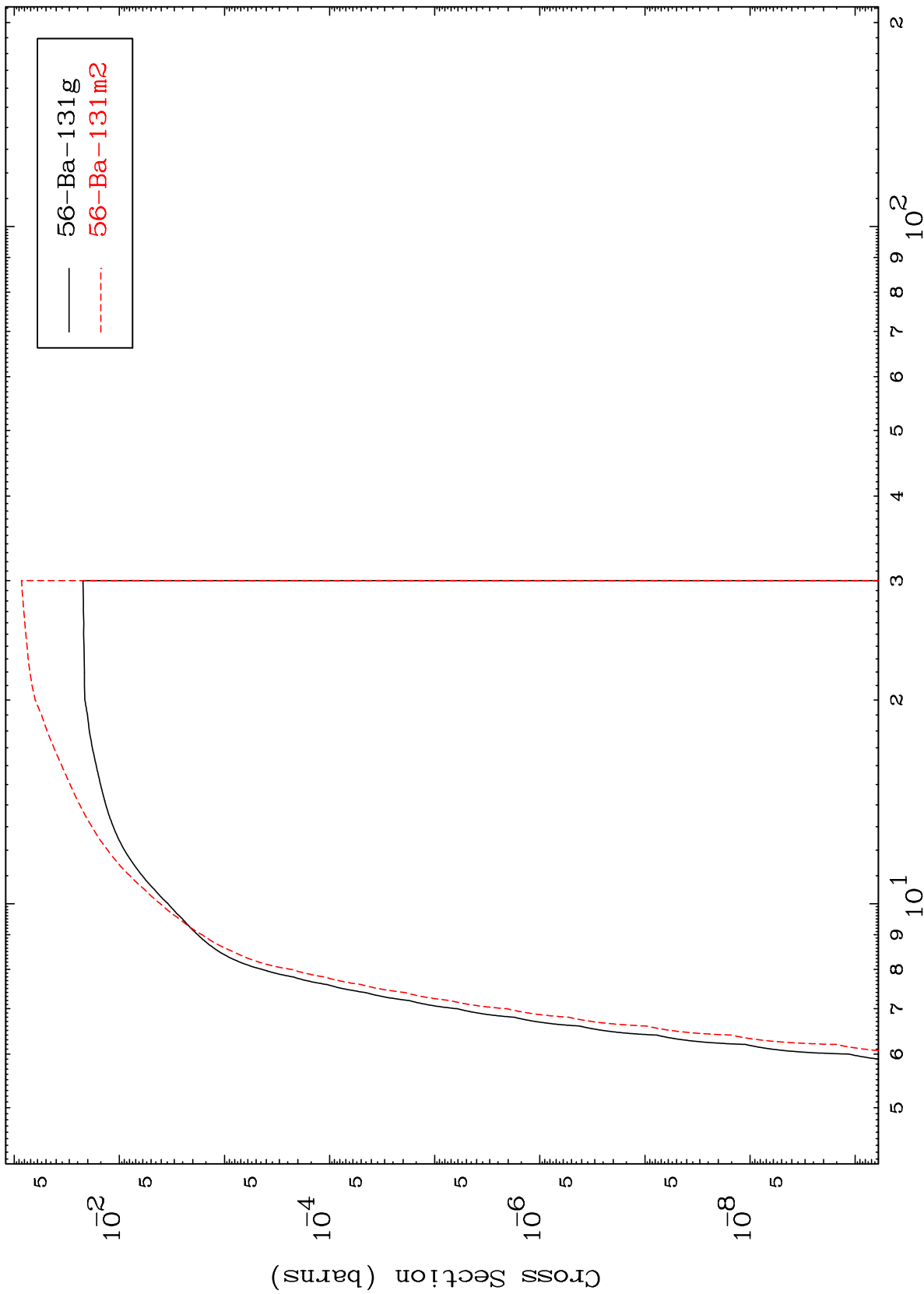
Incident Energy (MeV)

57-La-132

MAT 5707

57-La-132

(n,n') p
Radionuclide Production Cross Section

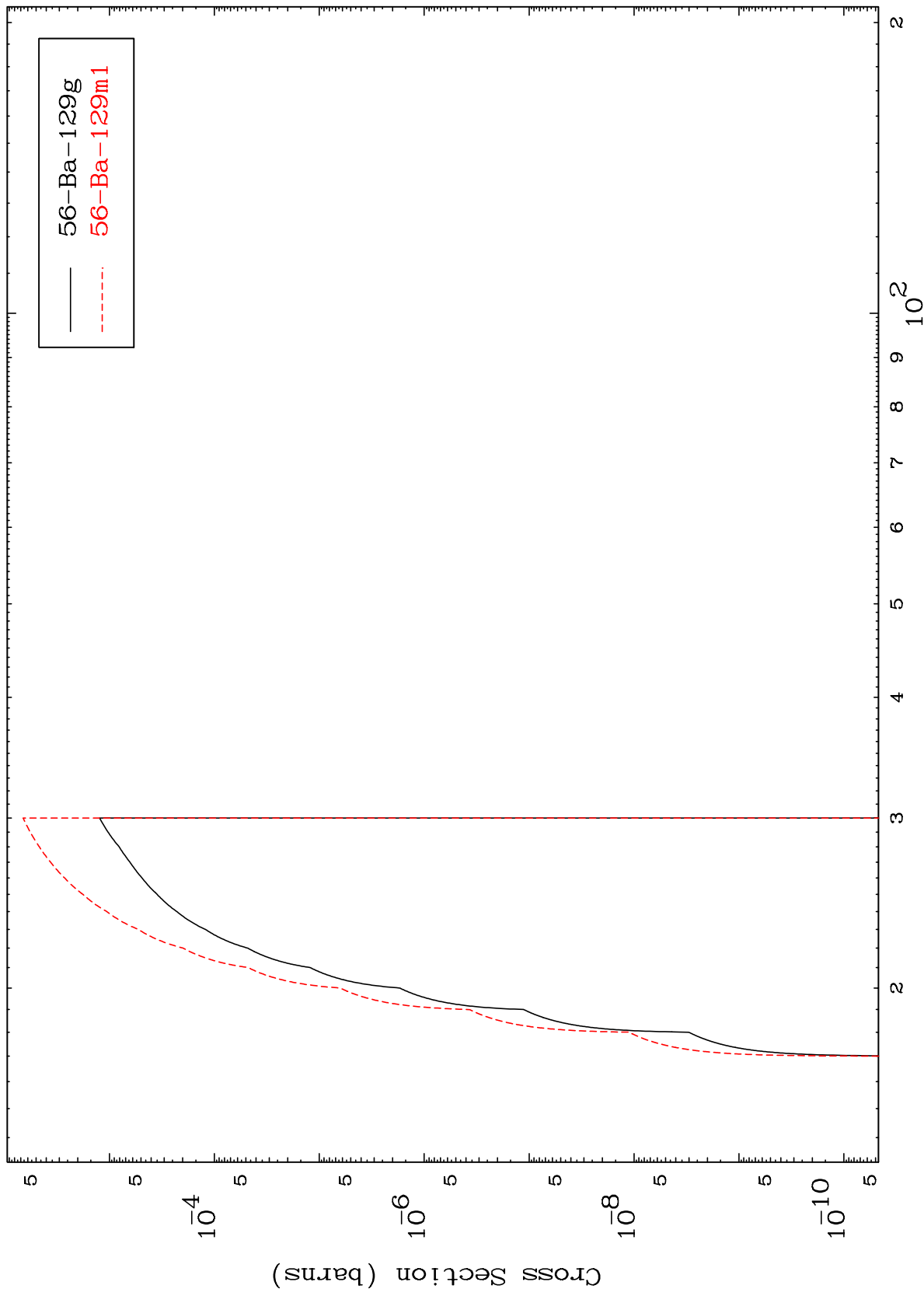


116

Incident Energy (MeV)

57-La-132

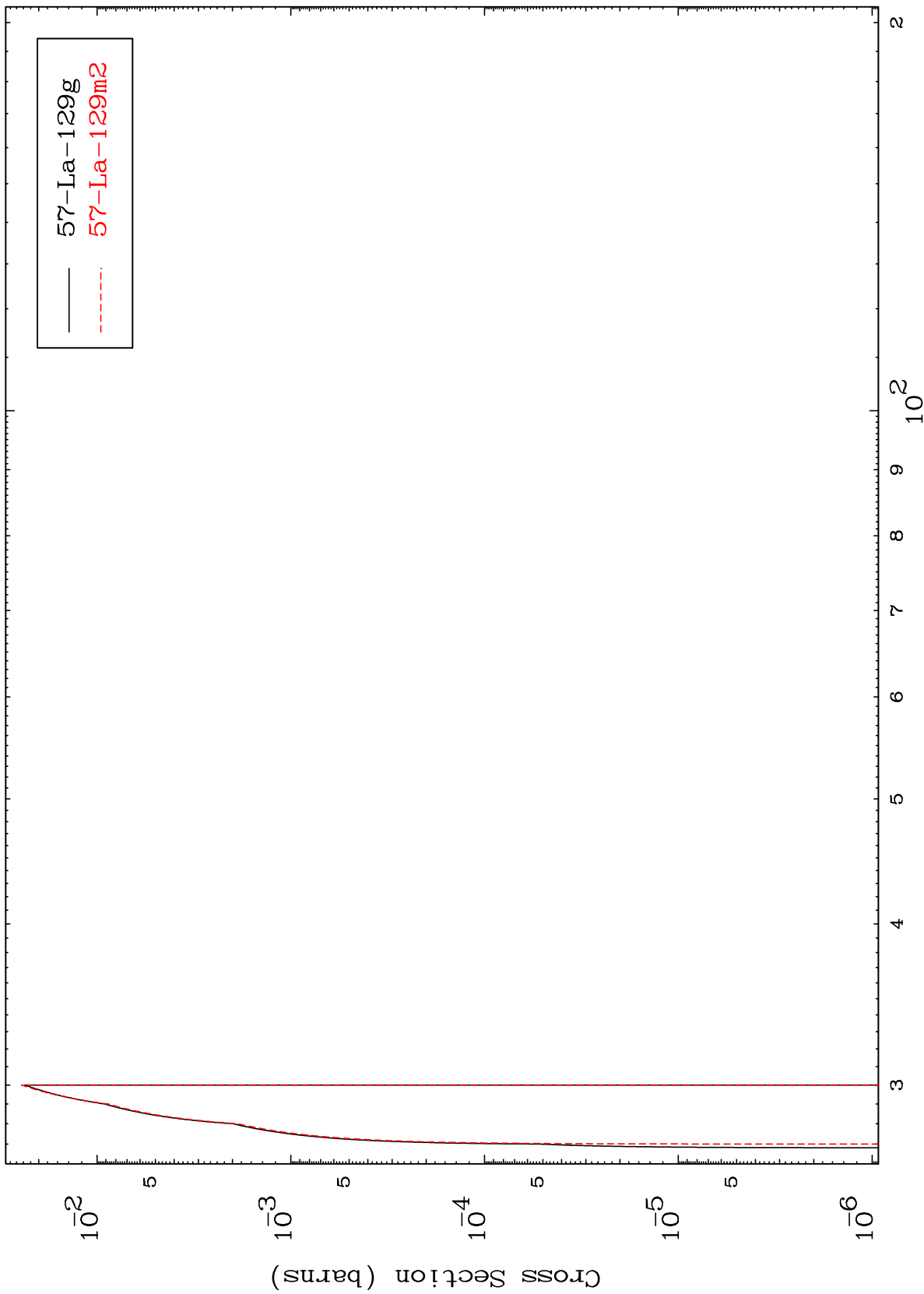
Radionuclide Production Cross Section



MAT 5707

57-La-132

(n,4n)
Radionuclide Production Cross Section



57-La-129g
57-La-129m2

118

57-La-132

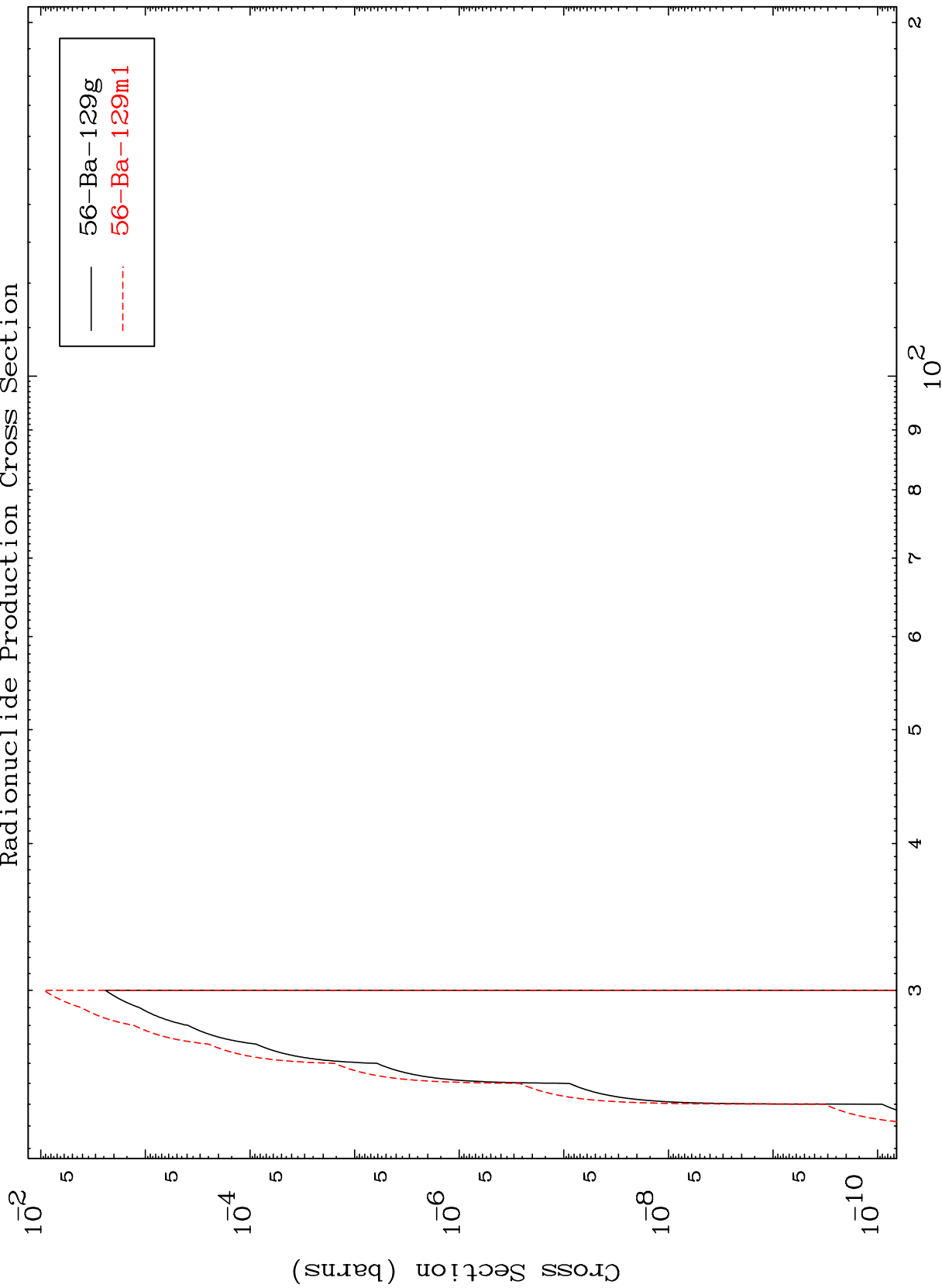
Incident Energy (MeV)

MAT 5707

(n,3n) p

57-La-132

Radionuclide Production Cross Section



119

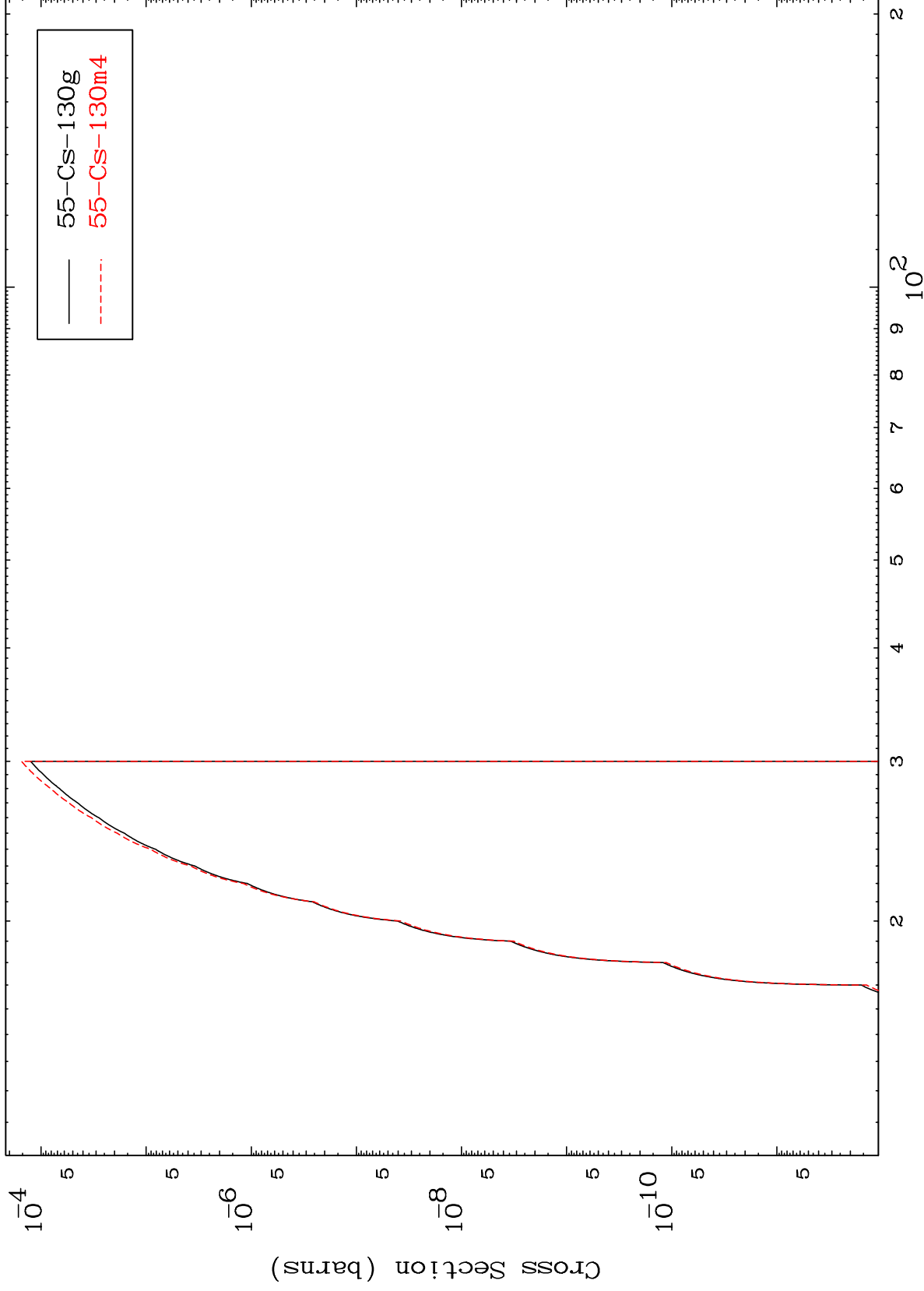
Incident Energy (MeV)

57-La-132

MAT 5707

57-La-132

(n,2n) p
Radionuclide Production Cross Section



120

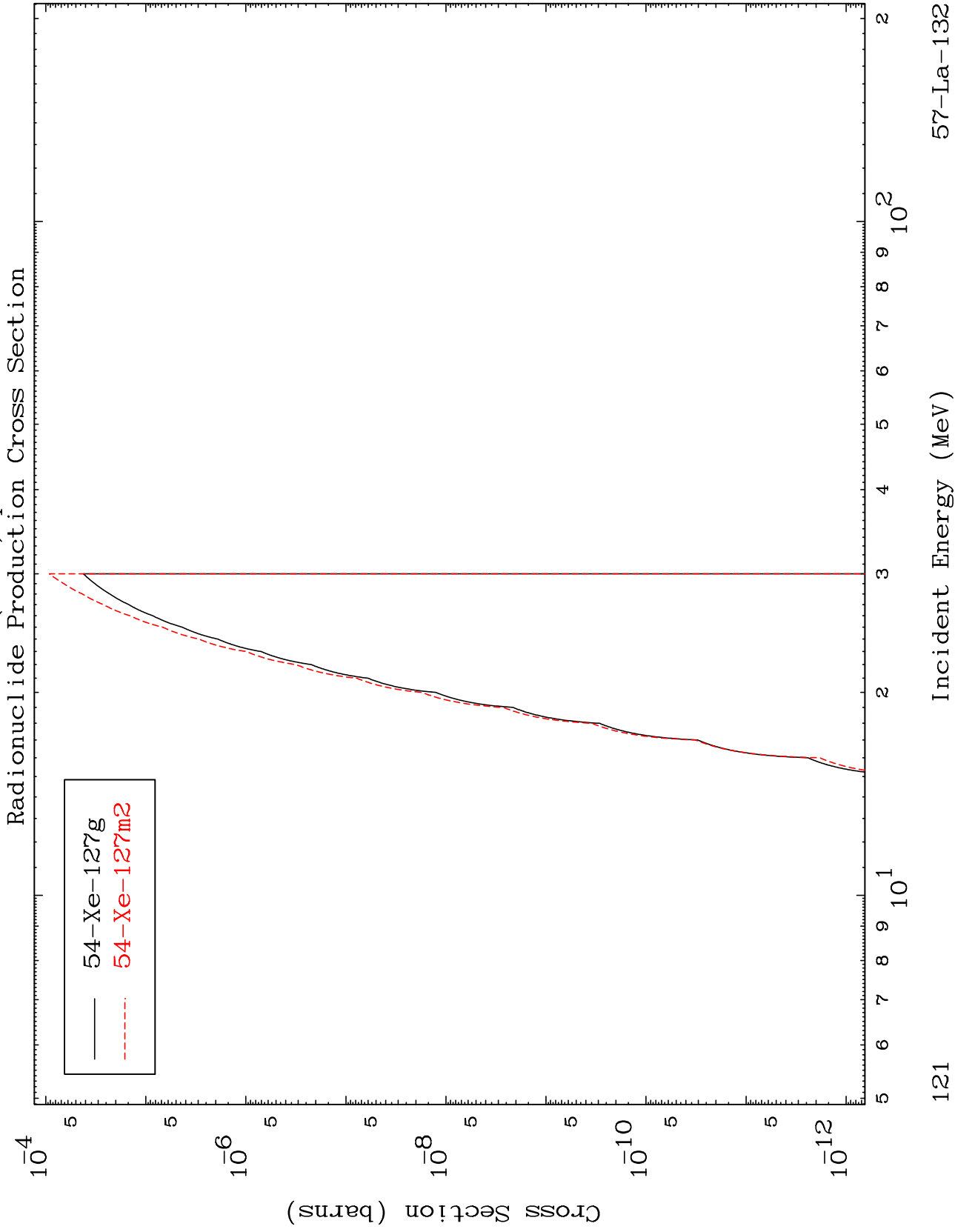
Incident Energy (MeV)

57-La-132

MAT 5707

(n,n') p α

57-La-132



121

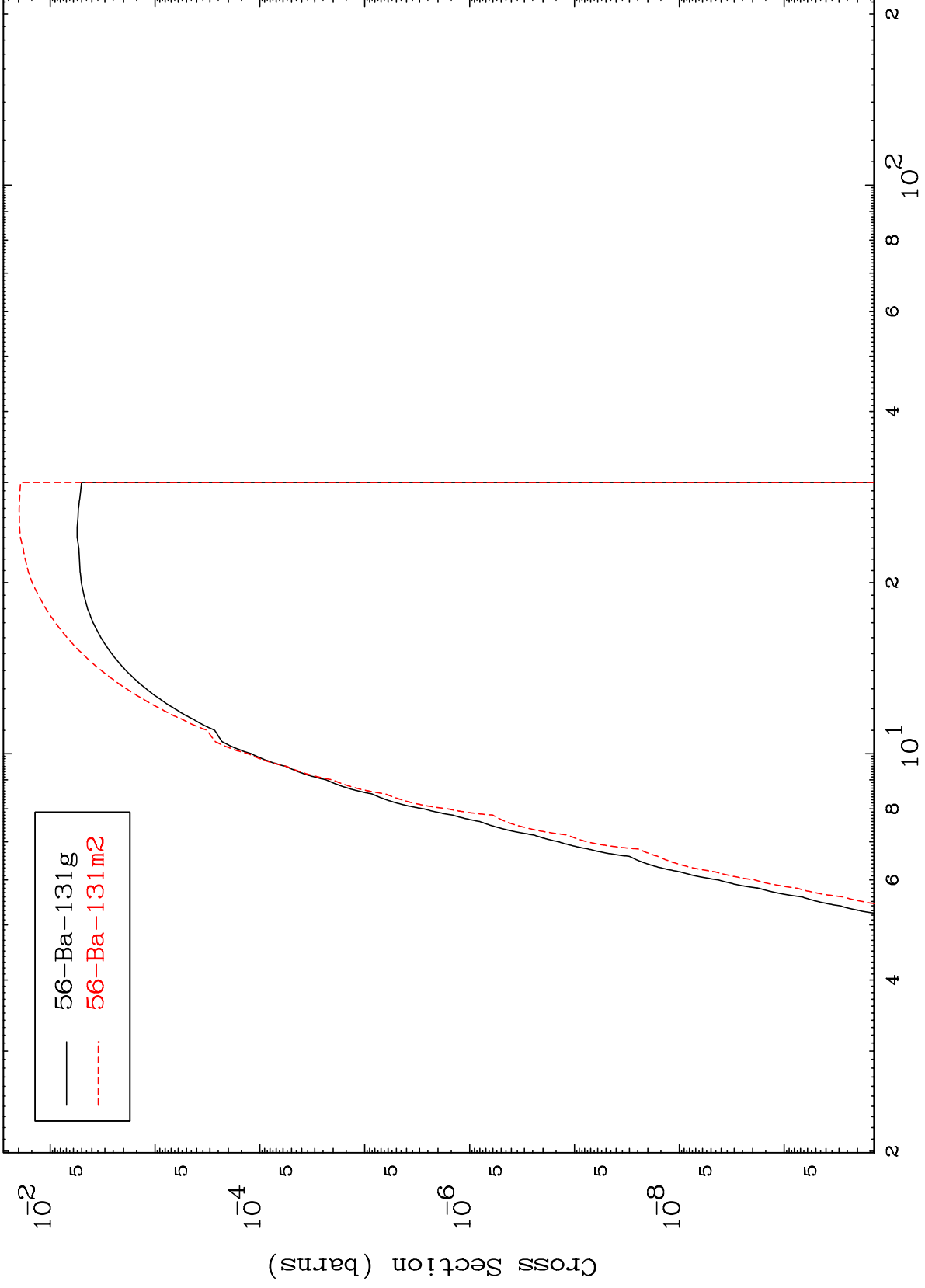
Incident Energy (MeV)

57-La-132

MAT 5707

57-La-132

(n,d)
Radionuclide Production Cross Section

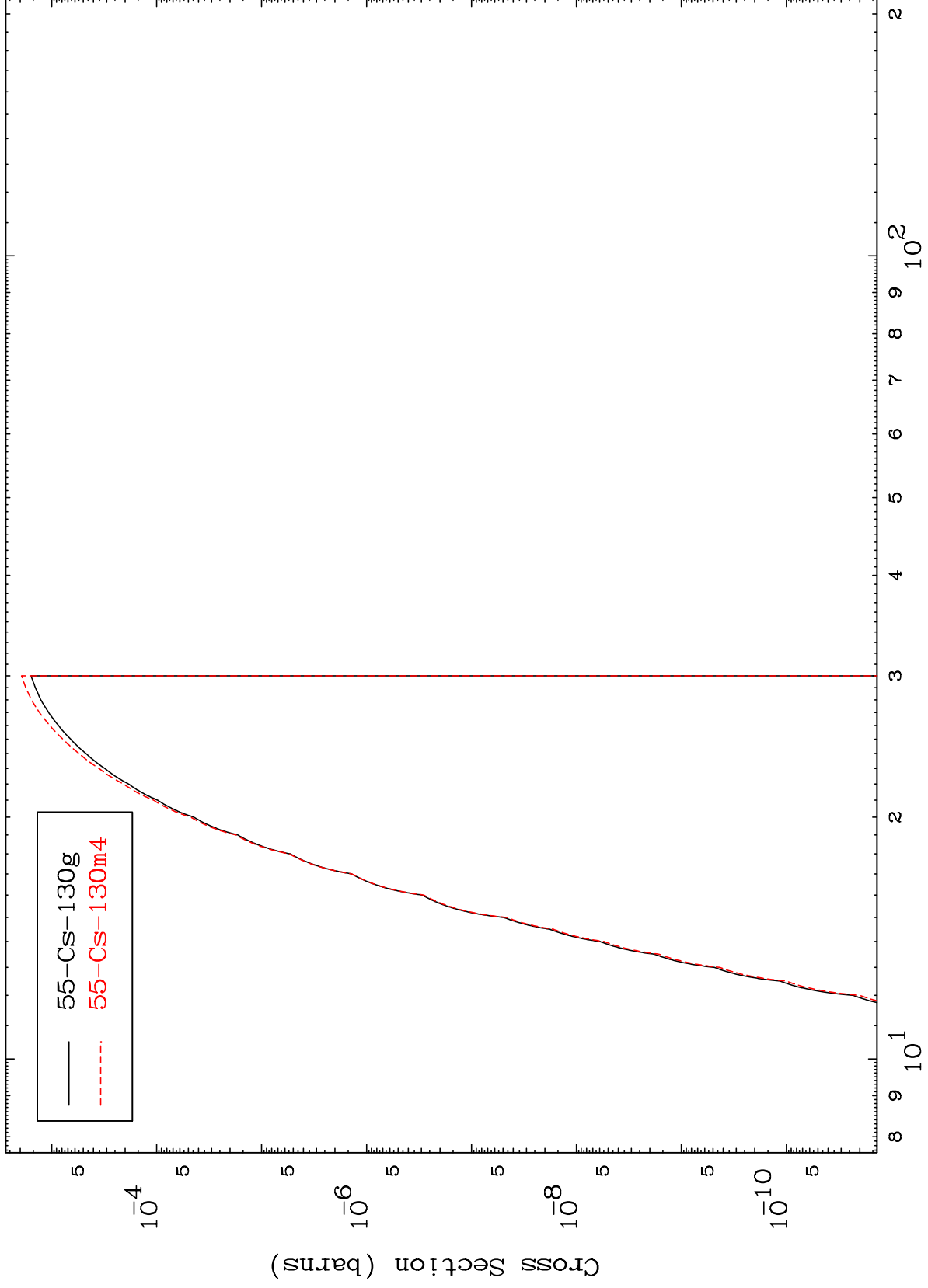


MAT 5707

(n,He-3)

57-La-132

Radionuclide Production Cross Section



55-Cs-130g
55-Cs-130m4

123

Incident Energy (MeV)

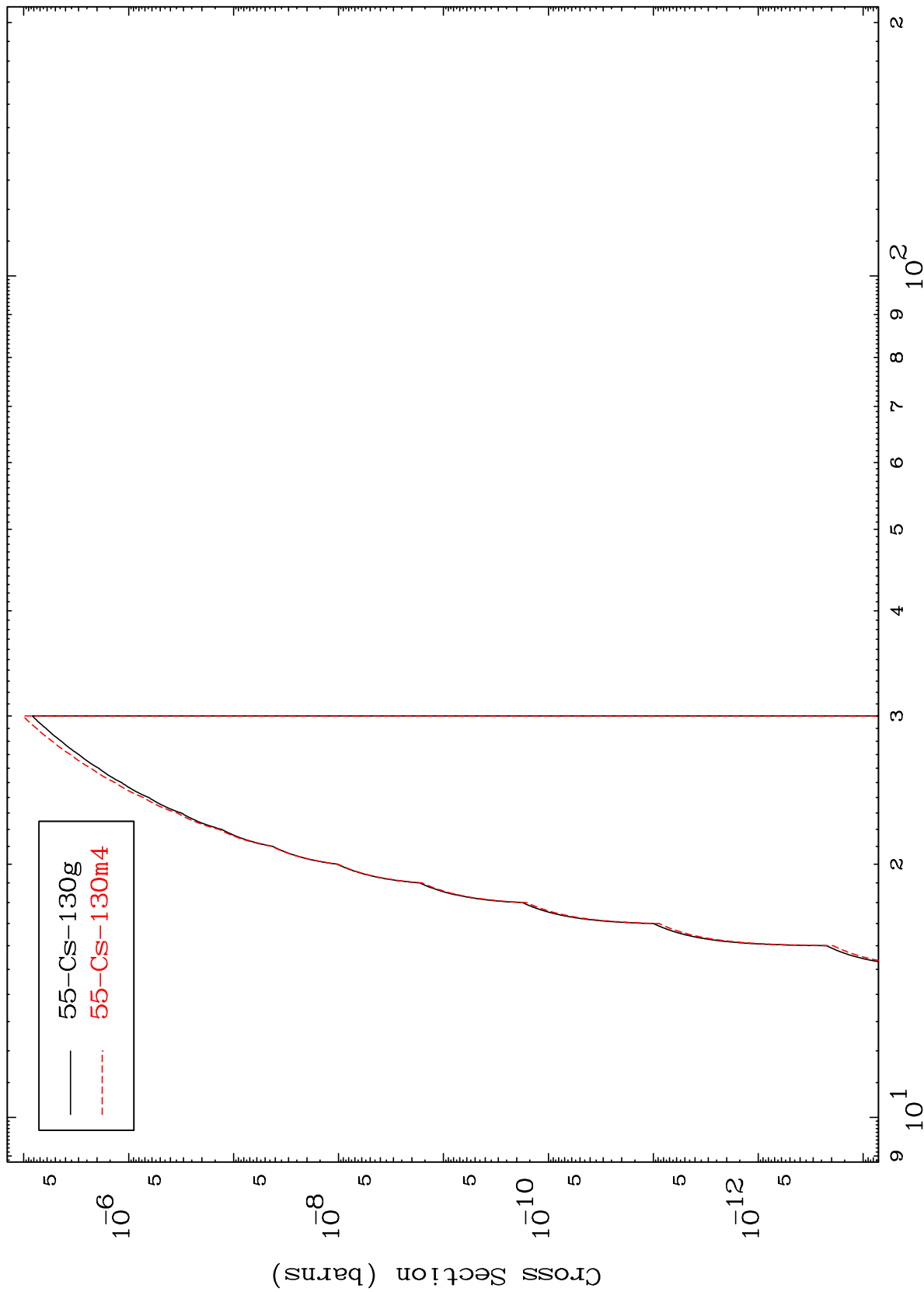
57-La-132

MAT 5707

(n,p) d

57-La-132

Radionuclide Production Cross Section



124

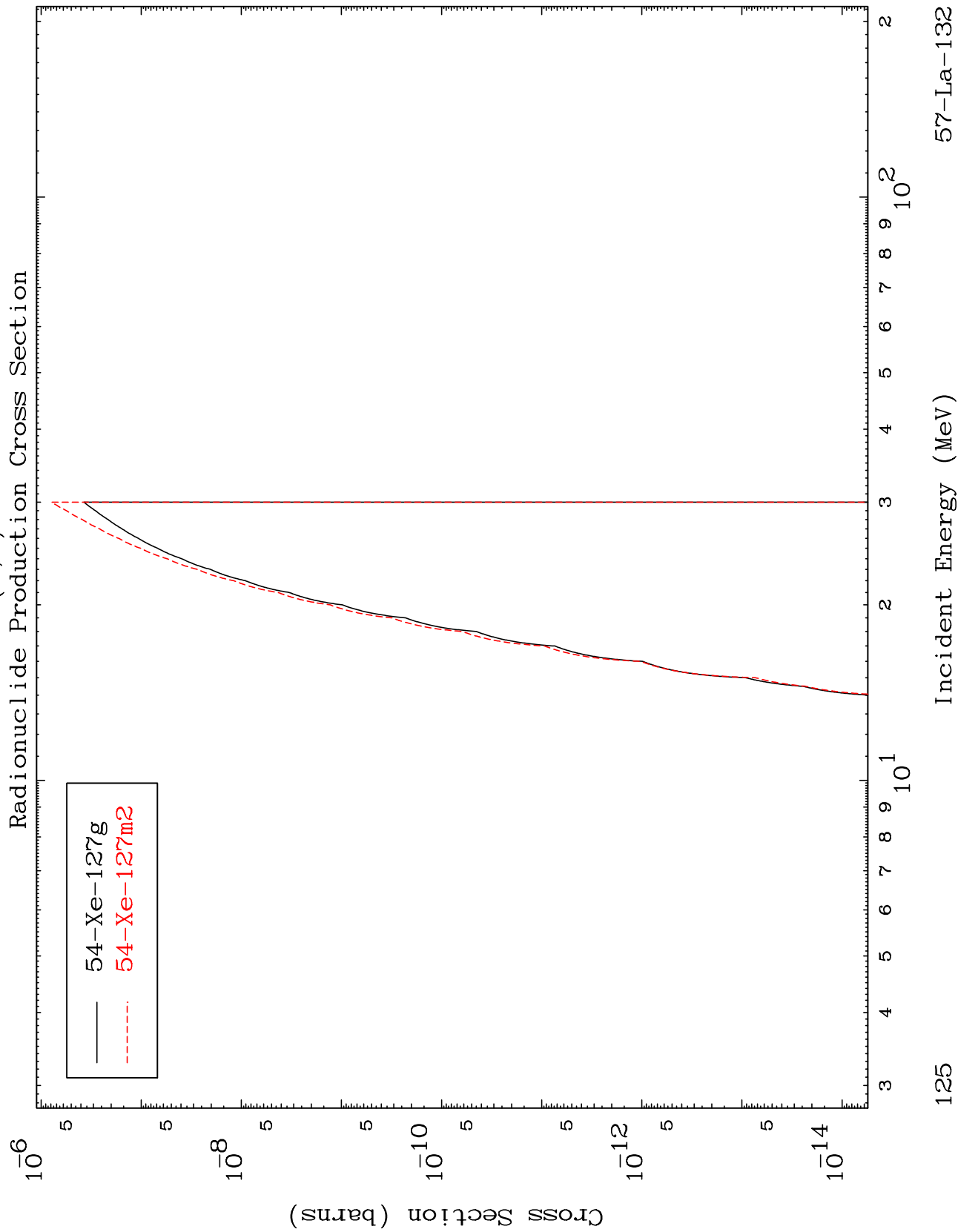
Incident Energy (MeV)

57-La-132

MAT 5707

(n,d) α

57-La-132



125