

Program EVALPLOT  
(Version 2018-1)

by

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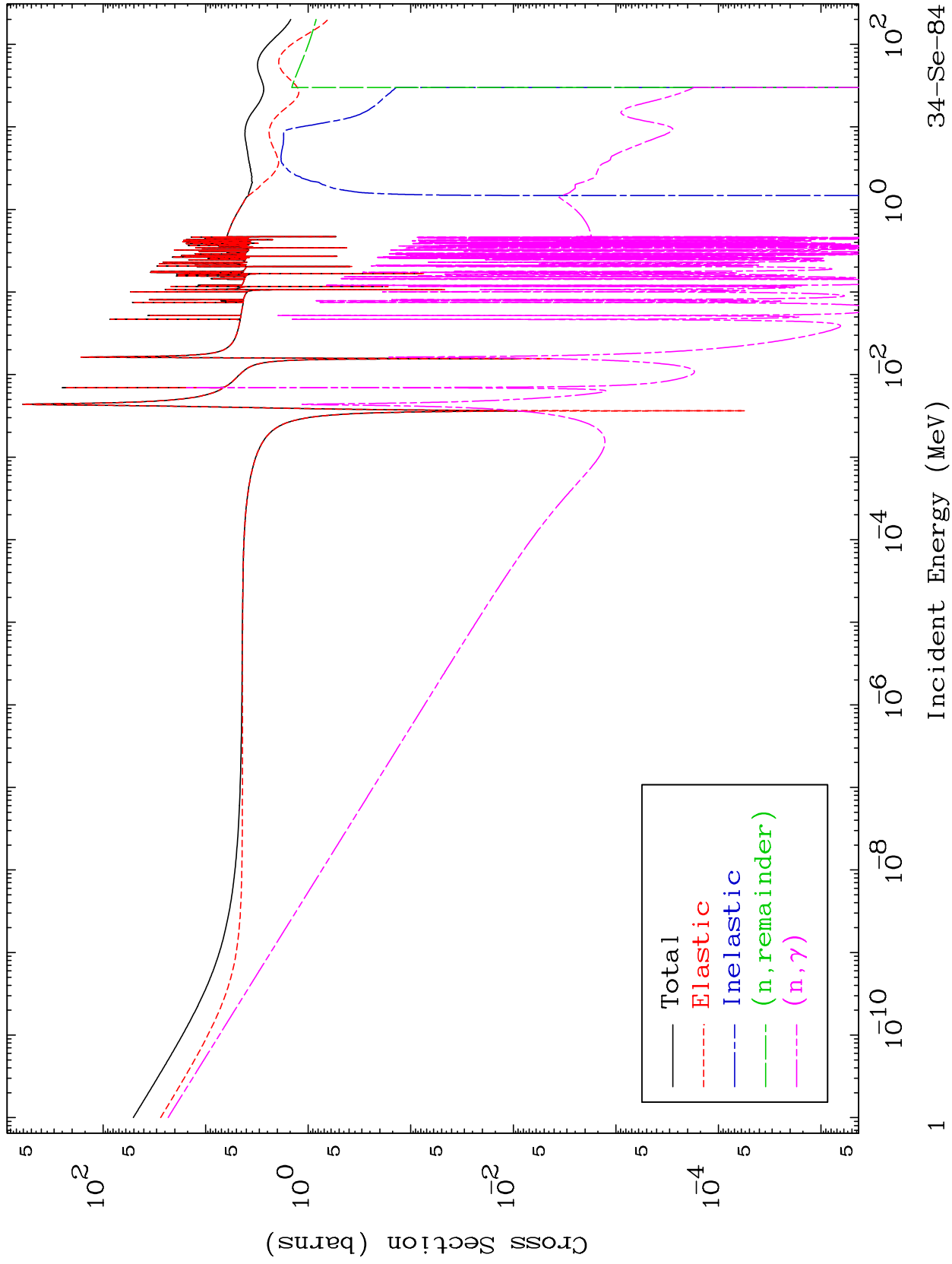
Press Mouse Button to Start

MAT 3455

Major

293 Kelvin Cross Sections

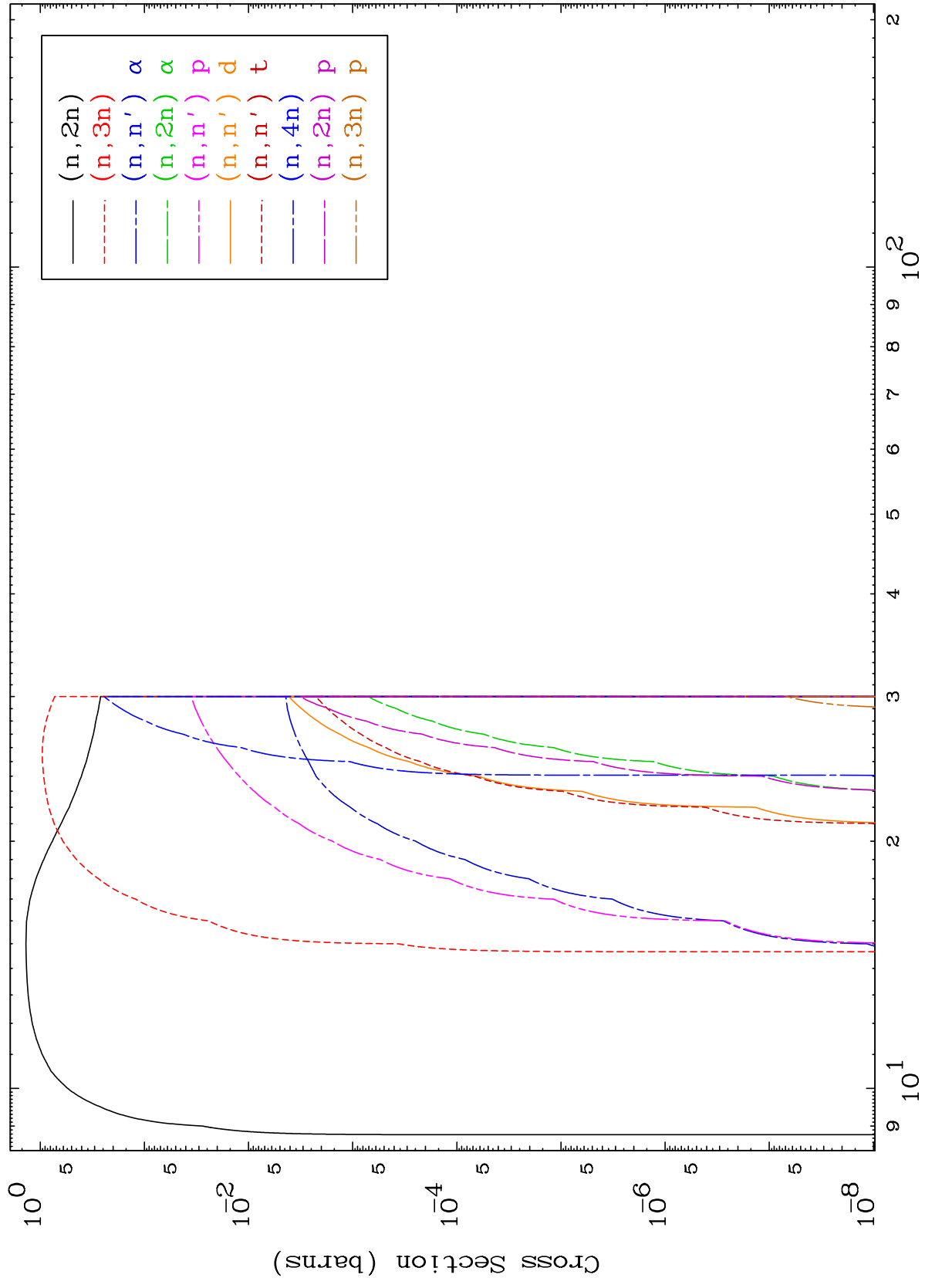
34-Se-84



MAT 3455

Neutron Production  
293 Kelvin Cross Sections

34-Se-84



2

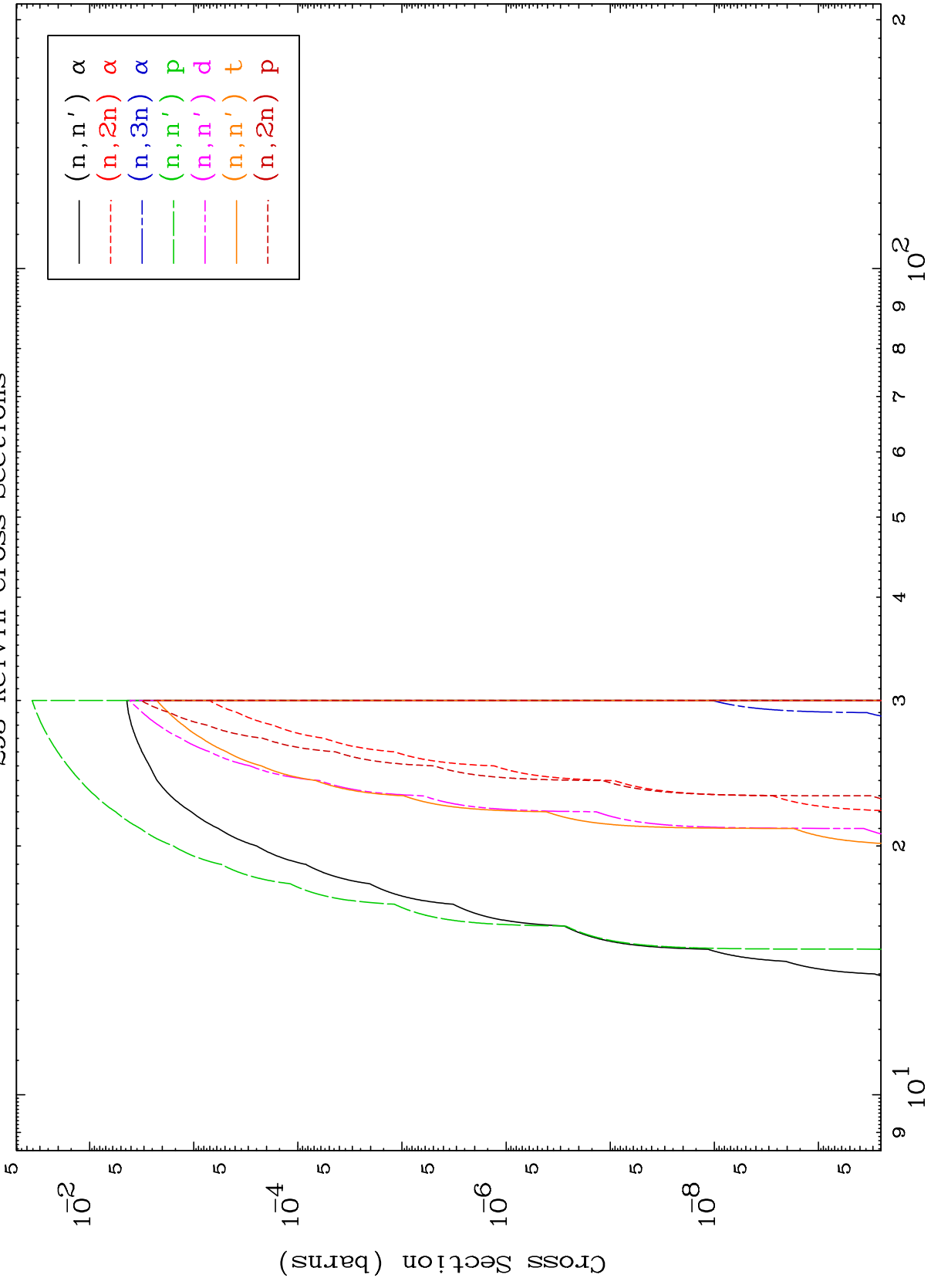
Incident Energy (MeV)

34-Se-84

MAT 3455

Charged Particle  
293 Kelvin Cross Sections

34-Se-84



3

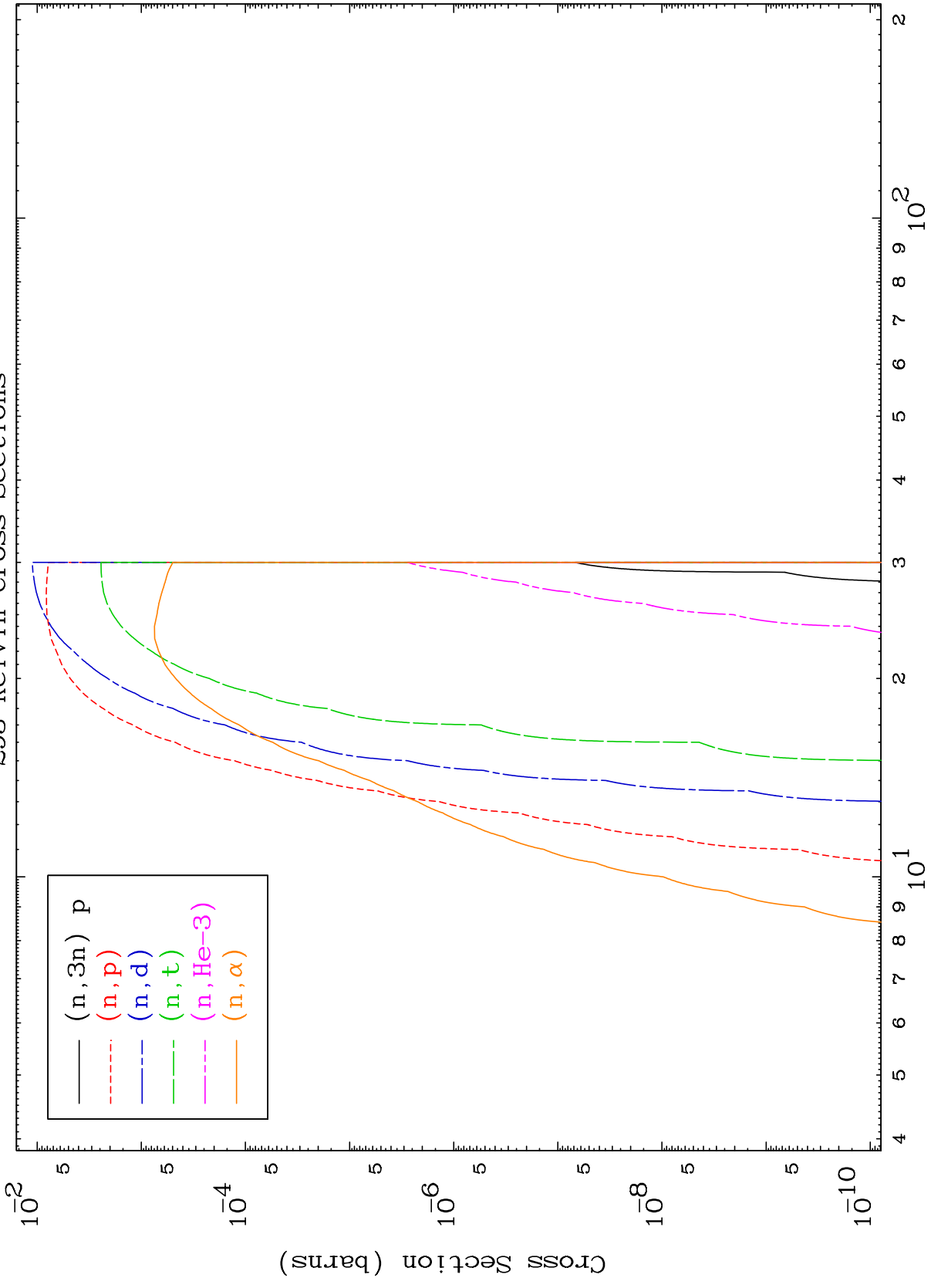
Incident Energy (MeV)

34-Se-84

MAT 3455

Charged Particle  
293 Kelvin Cross Sections

34-Se-84



4

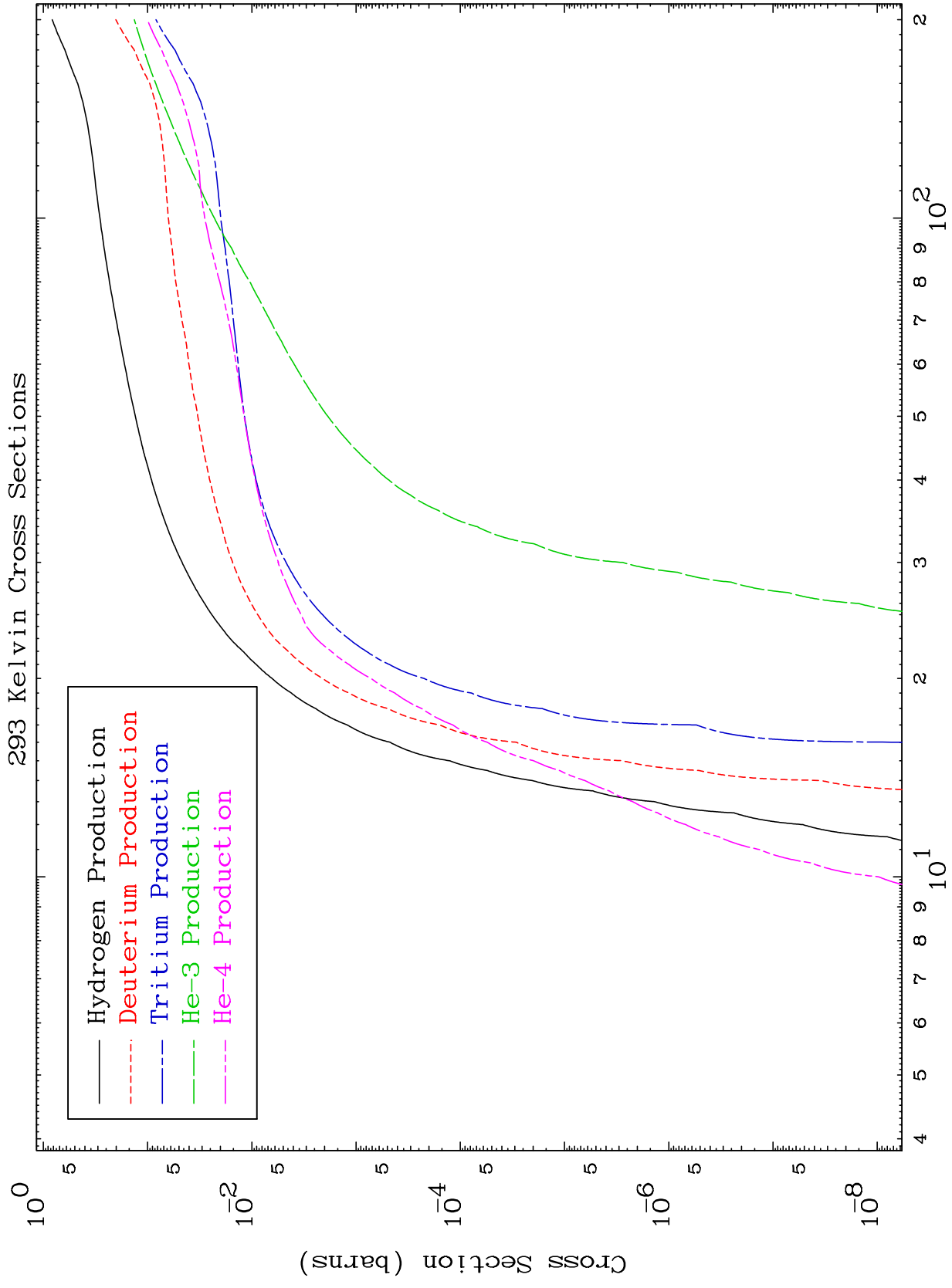
Incident Energy (MeV)

34-Se-84

MAT 3455

Particle Production  
293 Kelvin Cross Sections

34-Se-84



5

Incident Energy (MeV)

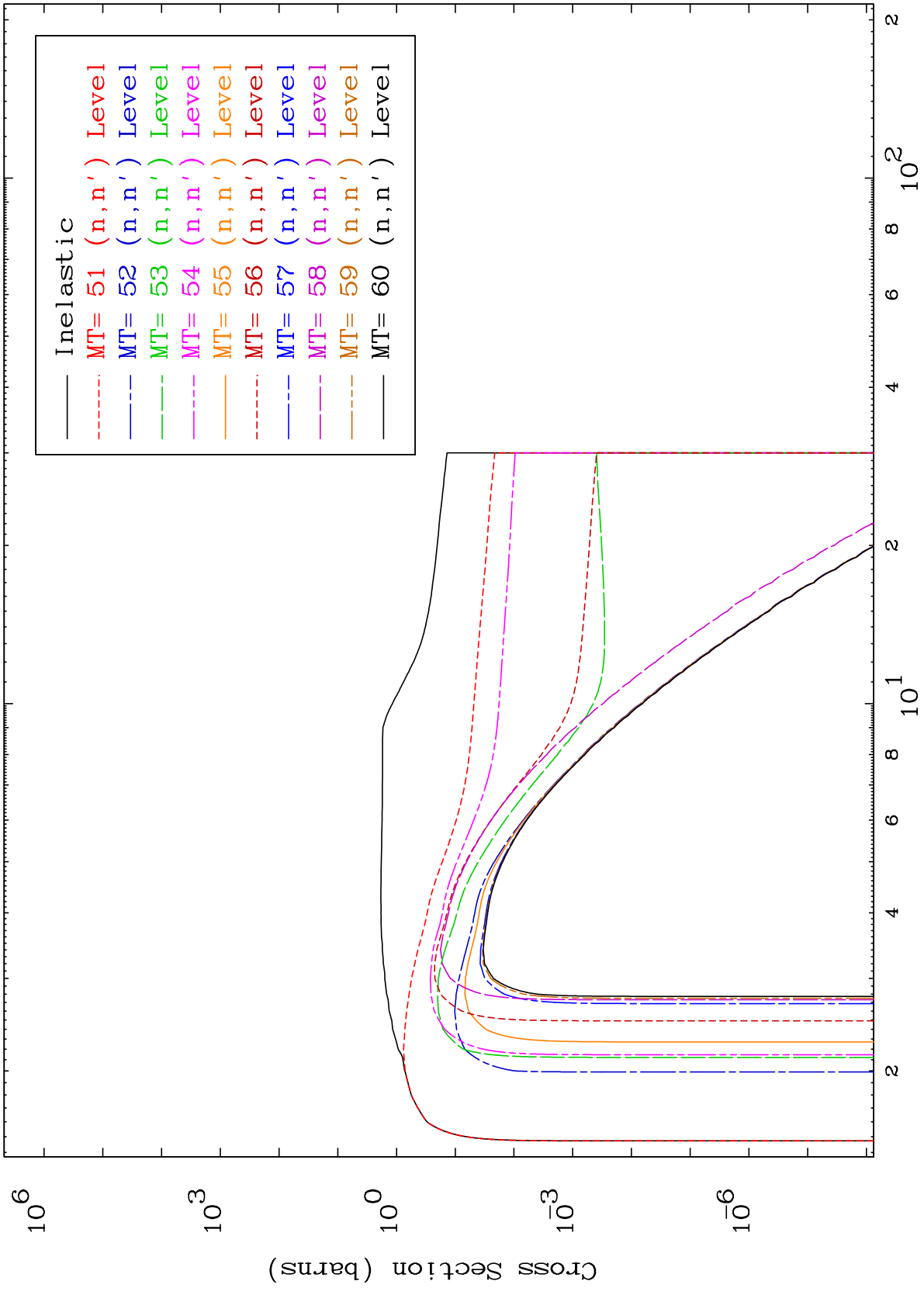
34-Se-84

MAT 3455

(n,n') Level

34-Se-84

293 Kelvin Cross Sections



6

Incident Energy (MeV)

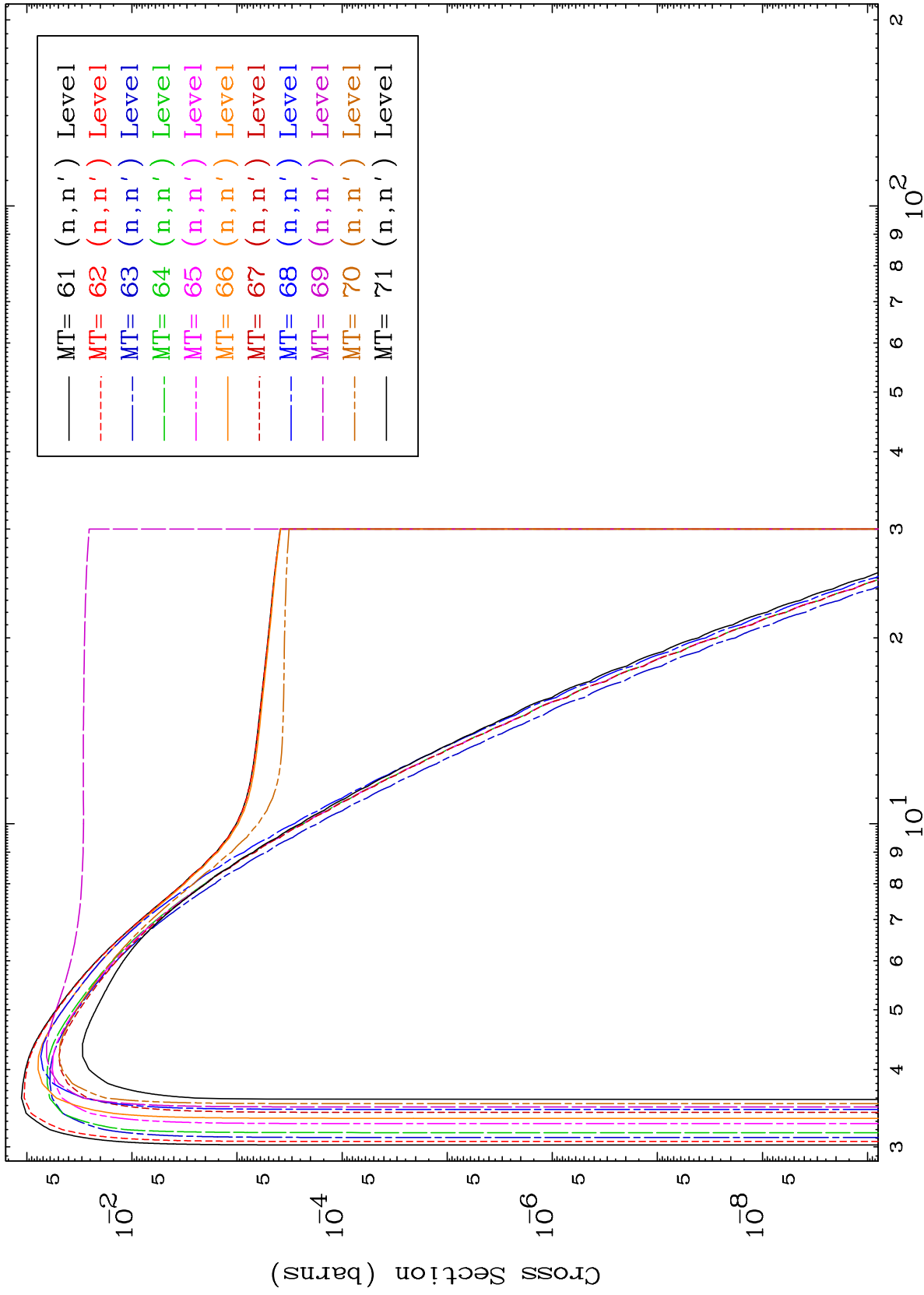
34-Se-84

MAT 3455

(n,n') Level

34-Se-84

293 Kelvin Cross Sections



7

Incident Energy (MeV)

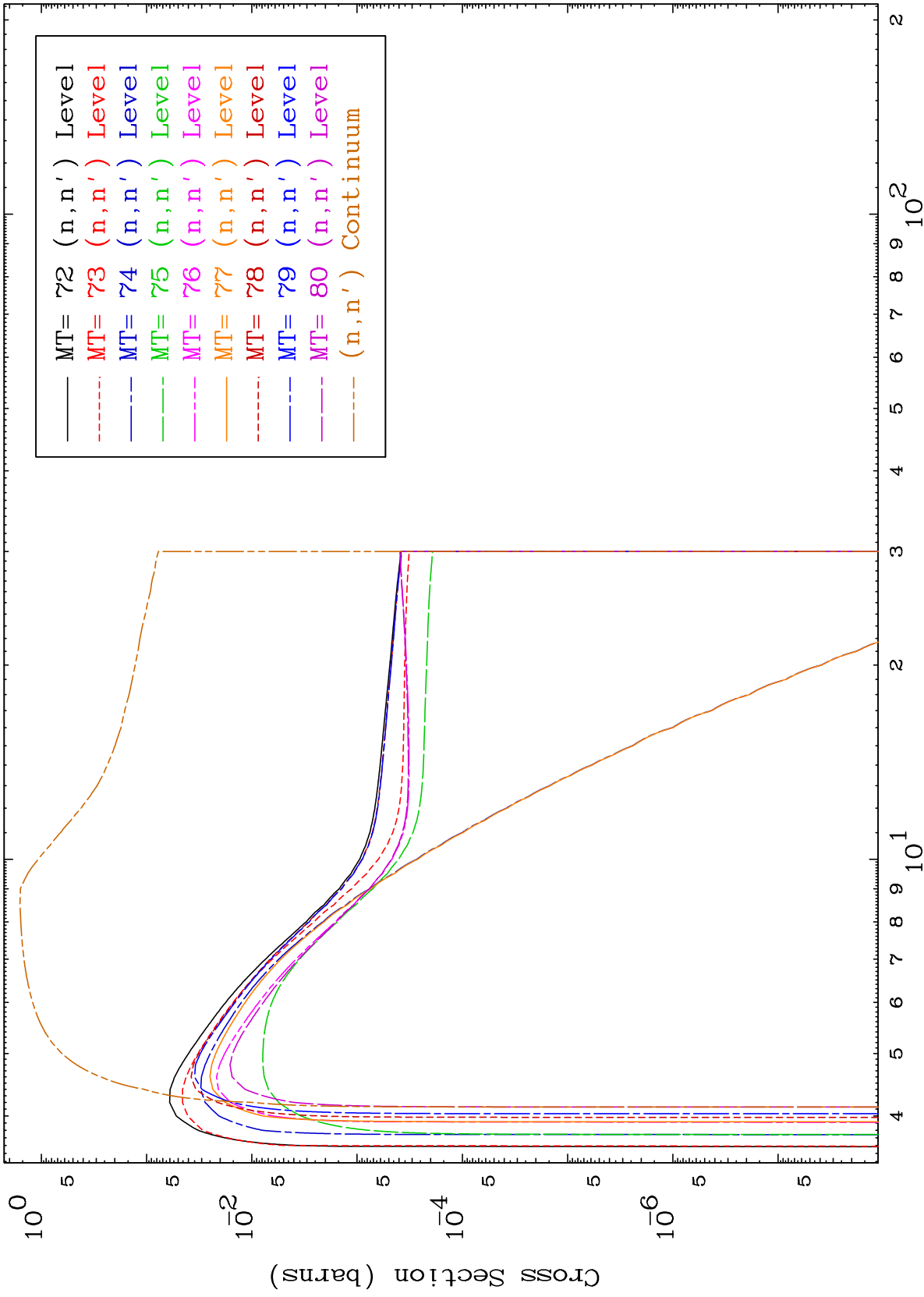
34-Se-84

MAT 3455

(n,n') Level

34-Se-84

293 Kelvin Cross Sections



8

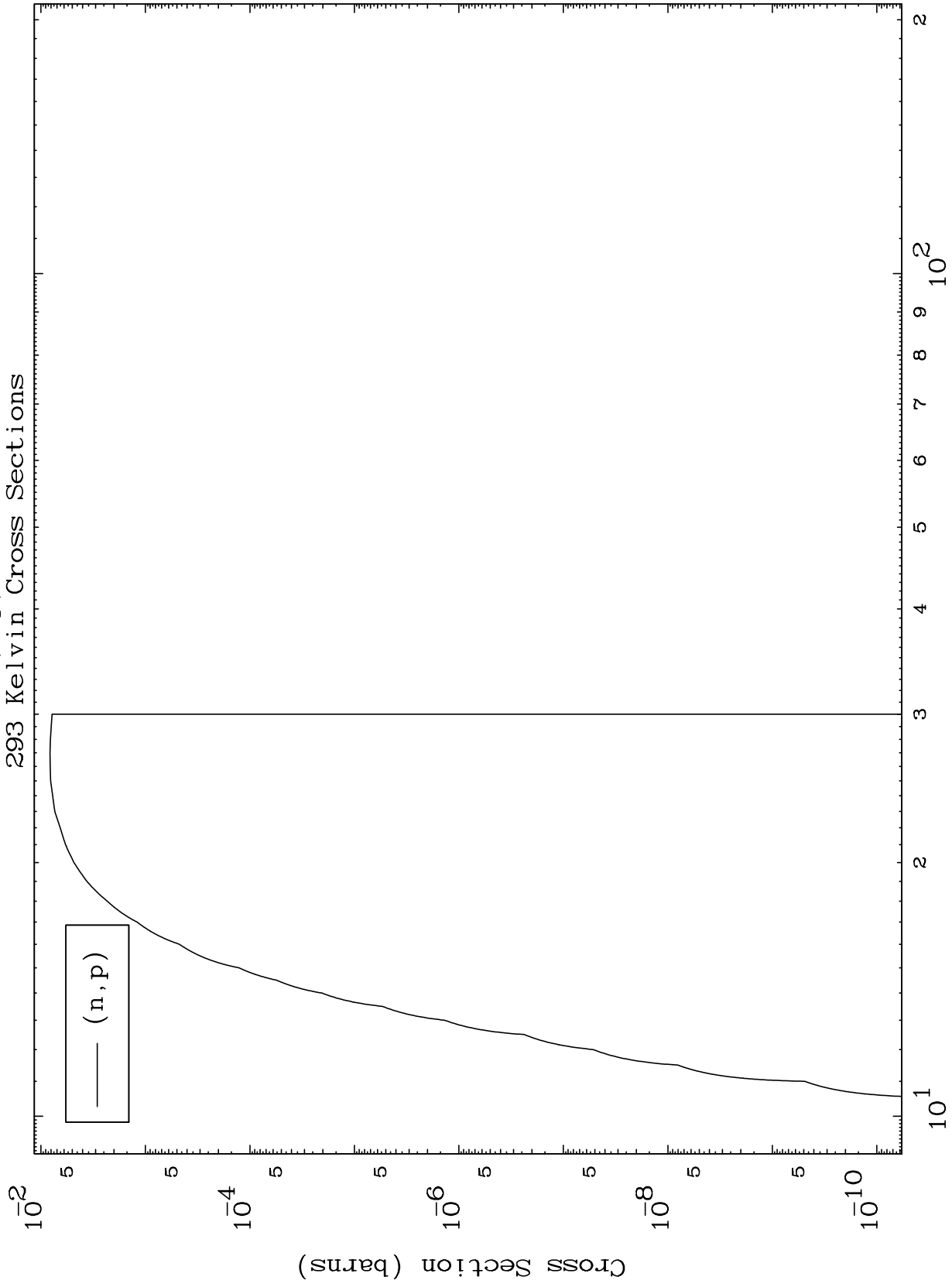
Incident Energy (MeV)

34-Se-84

MAT 3455

(n,p) Levels  
293 Kelvin Cross Sections

34-Se-84

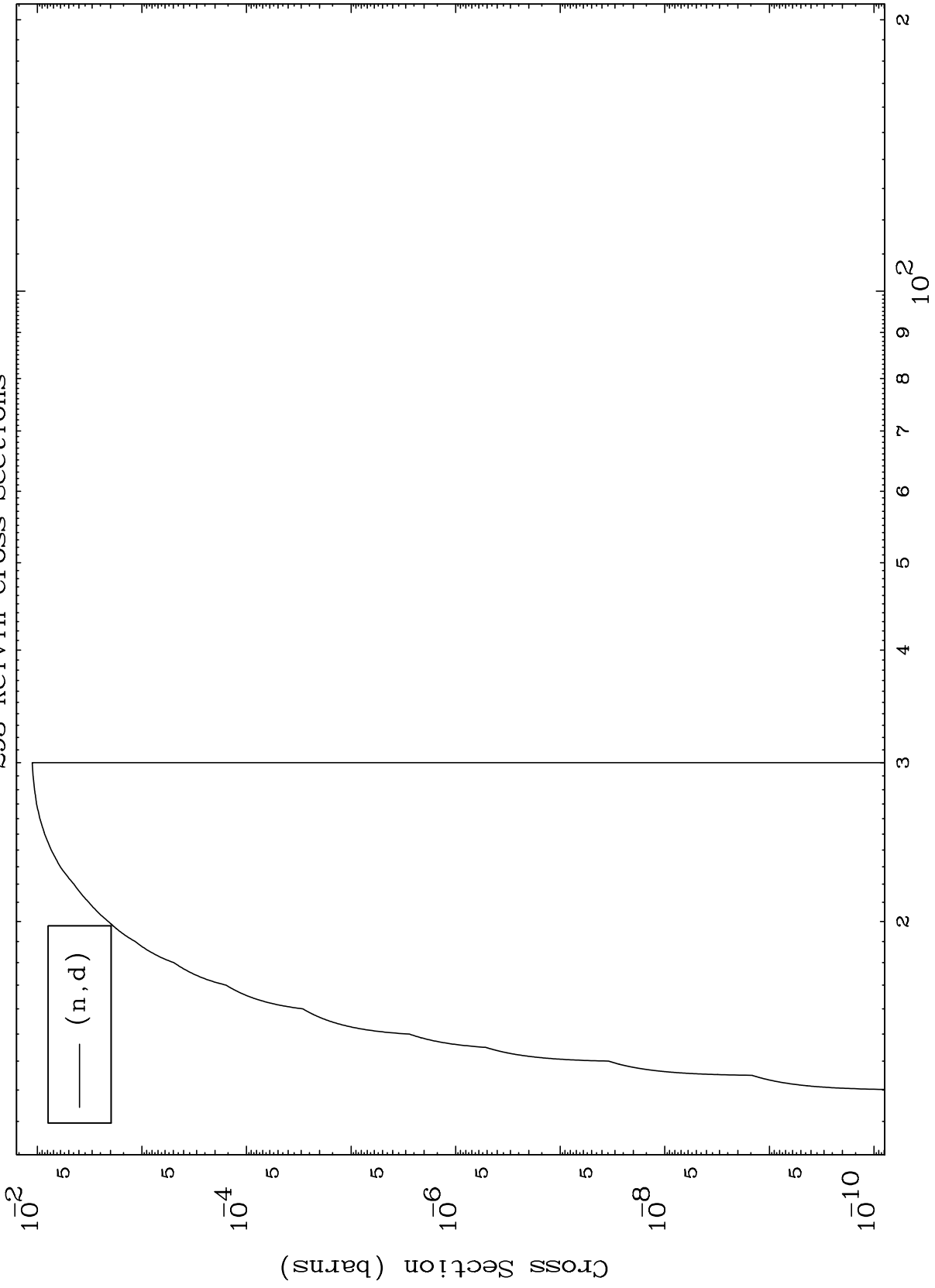


34-Se-84

MAT 3455

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-84



10

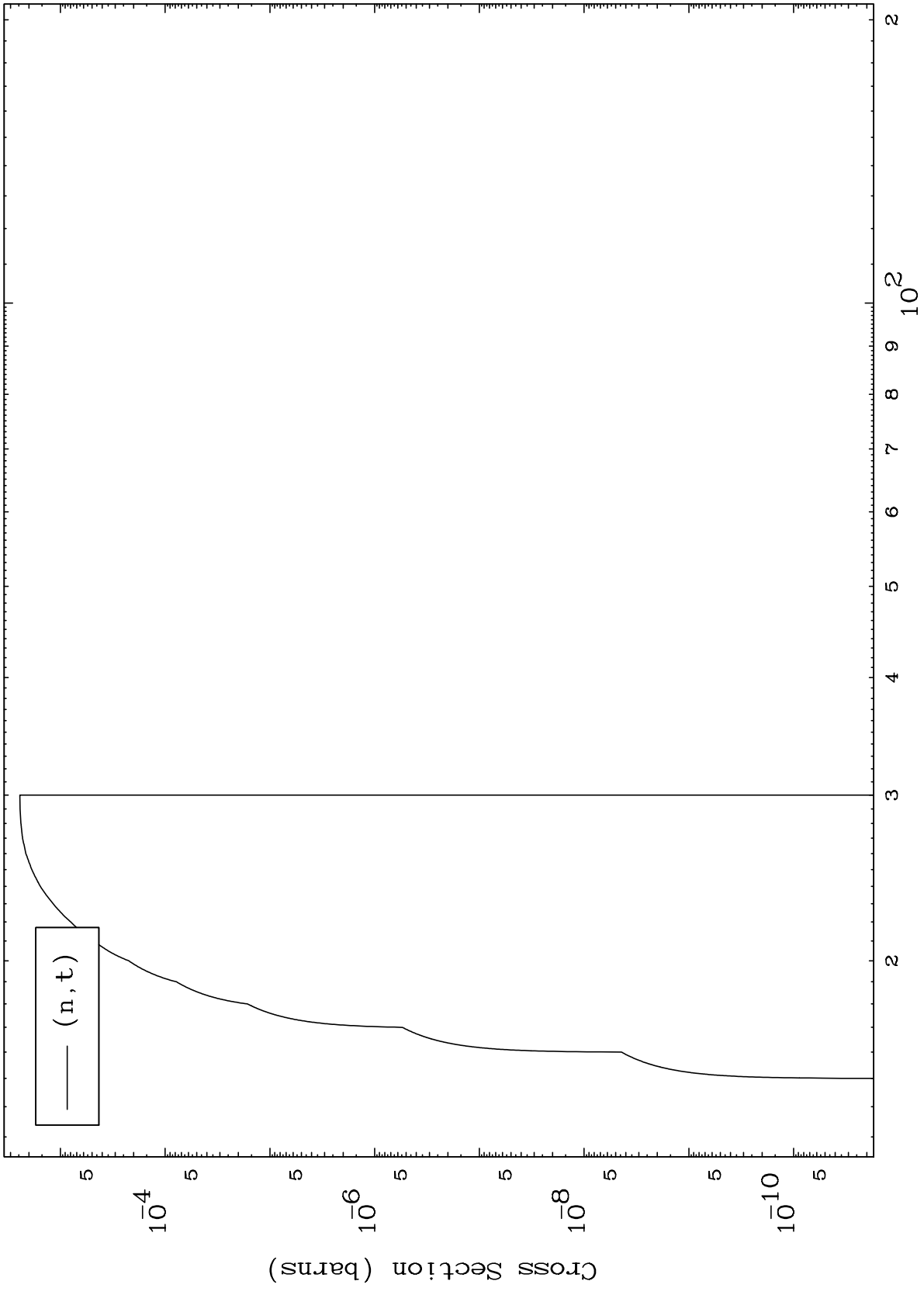
Incident Energy (MeV)

34-Se-84

MAT 3455

(n,t) Levels  
293 Kelvin Cross Sections

34-Se-84



11

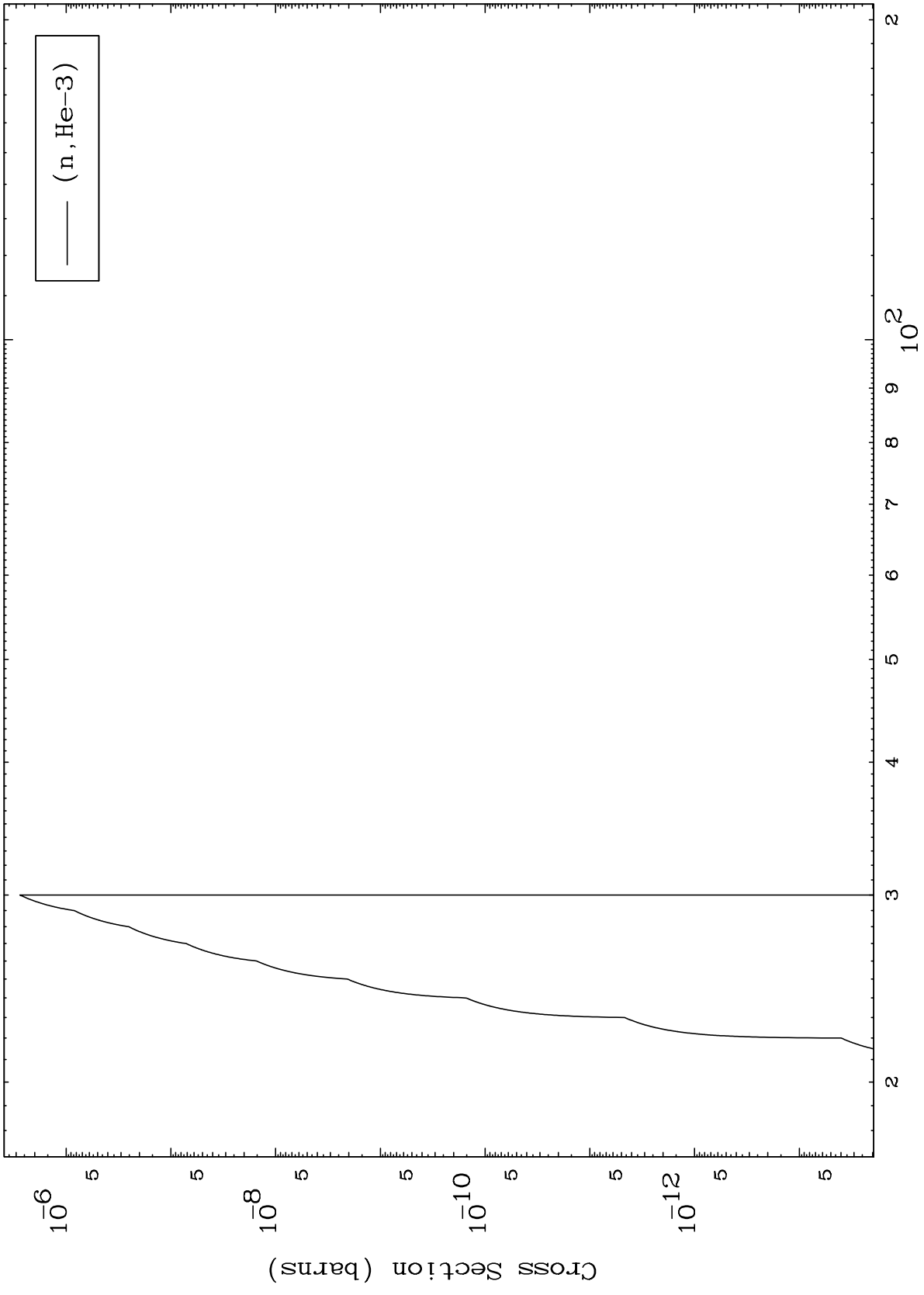
Incident Energy (MeV)

34-Se-84

MAT 3455

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-84



12

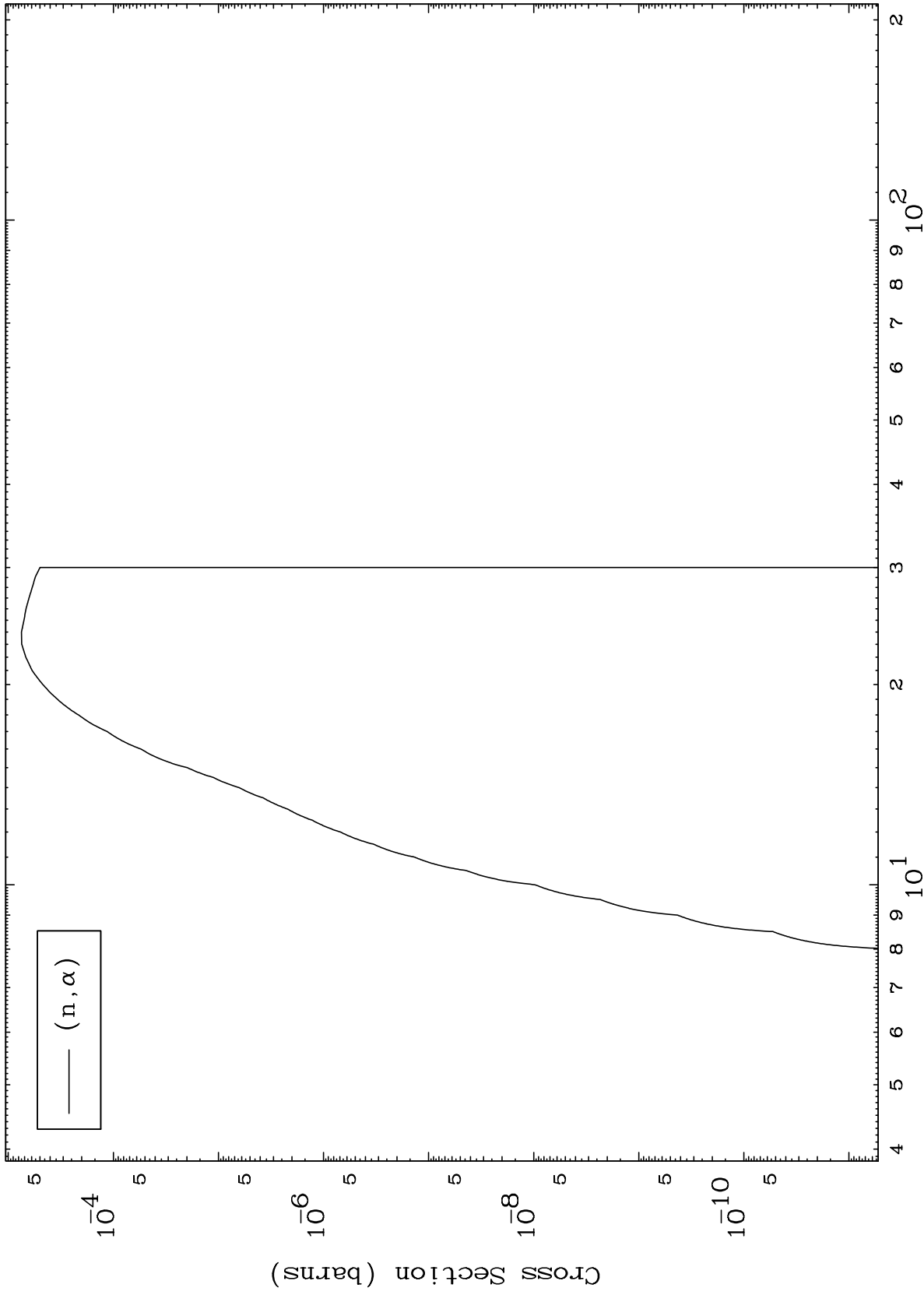
Incident Energy (MeV)

34-Se-84

MAT 3455

(n,α) Levels  
293 Kelvin Cross Sections

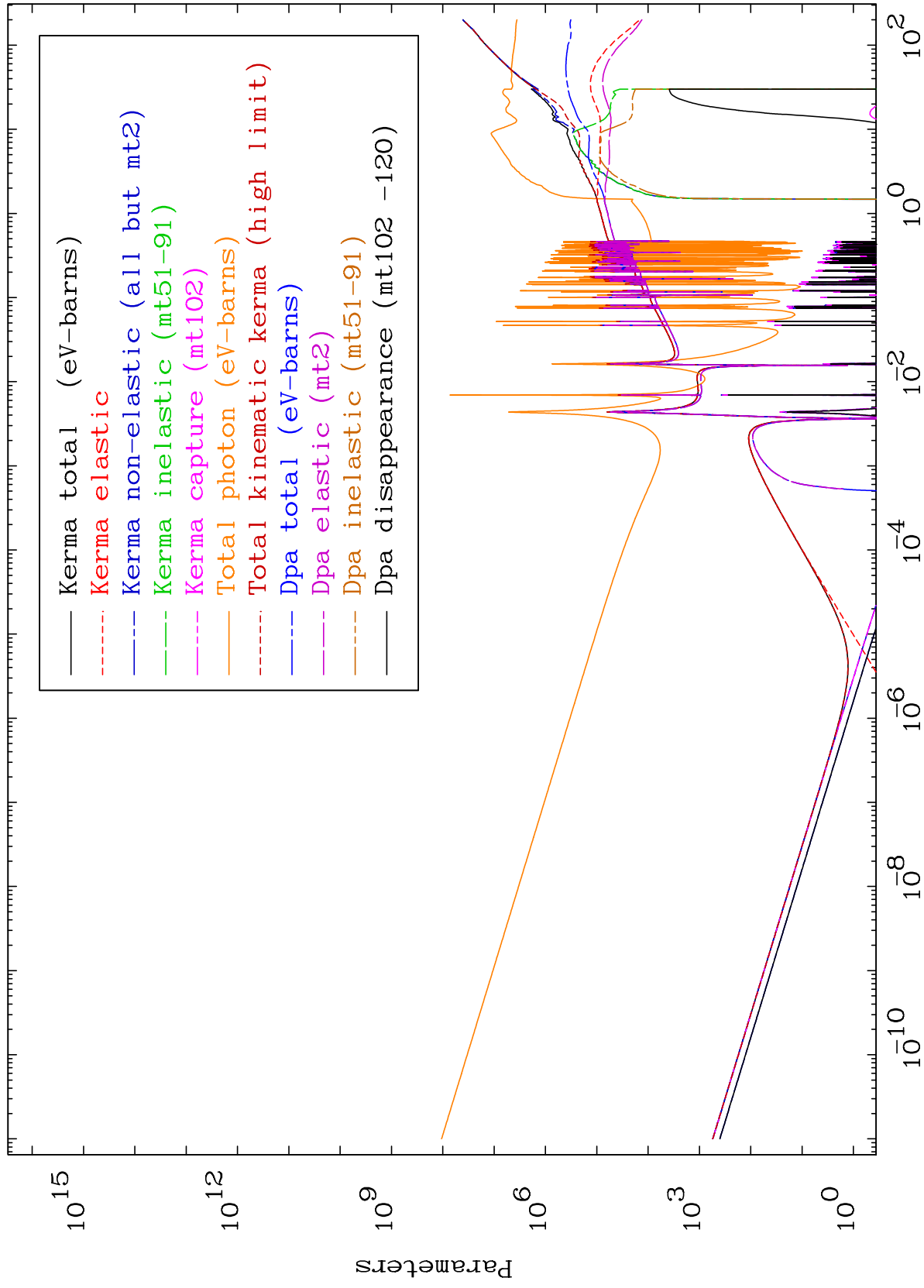
34-Se-84



13

Incident Energy (MeV)

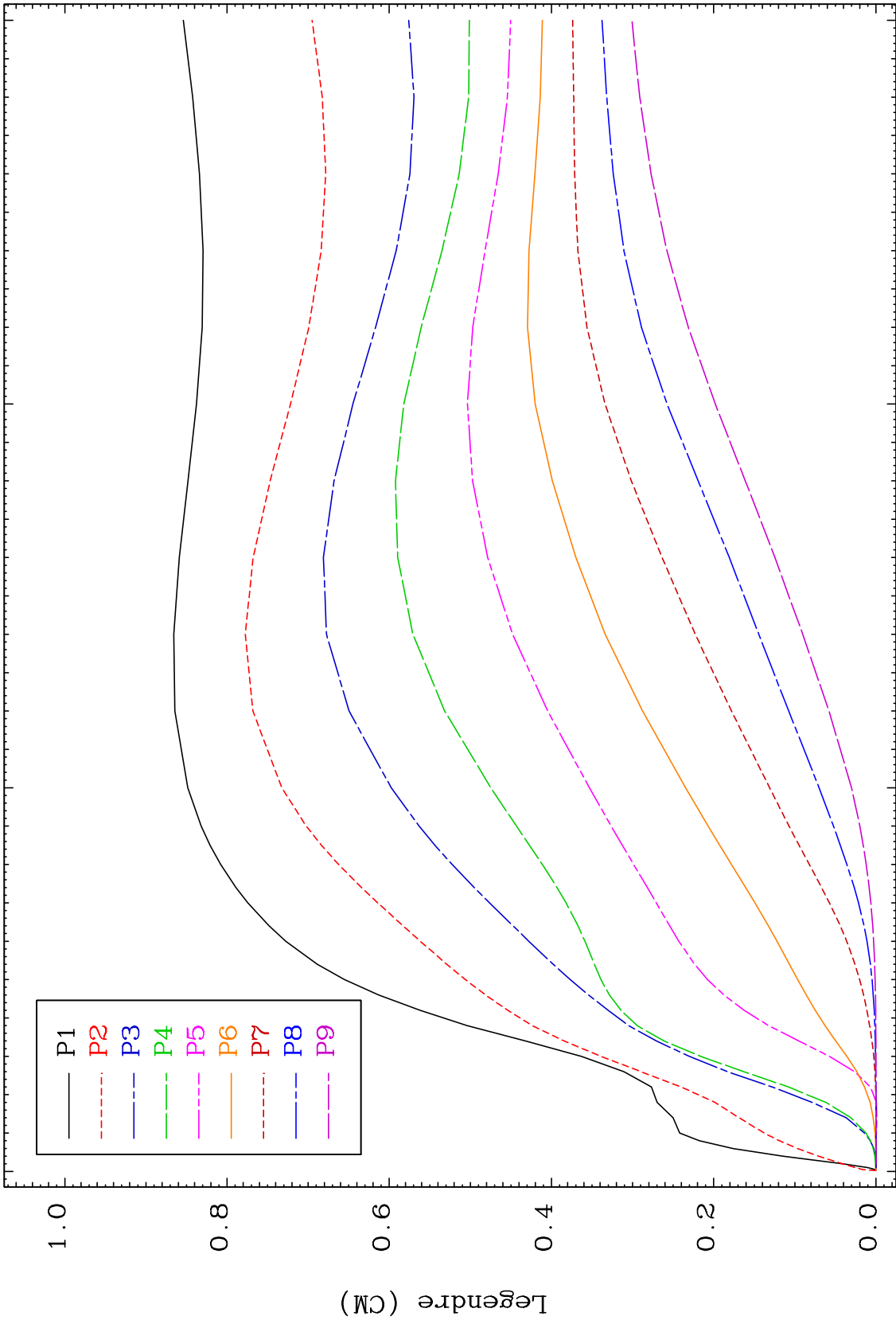
34-Se-84



MAT 3455

Elastic Legendre Coefficients

<sup>34</sup>Se-84



15

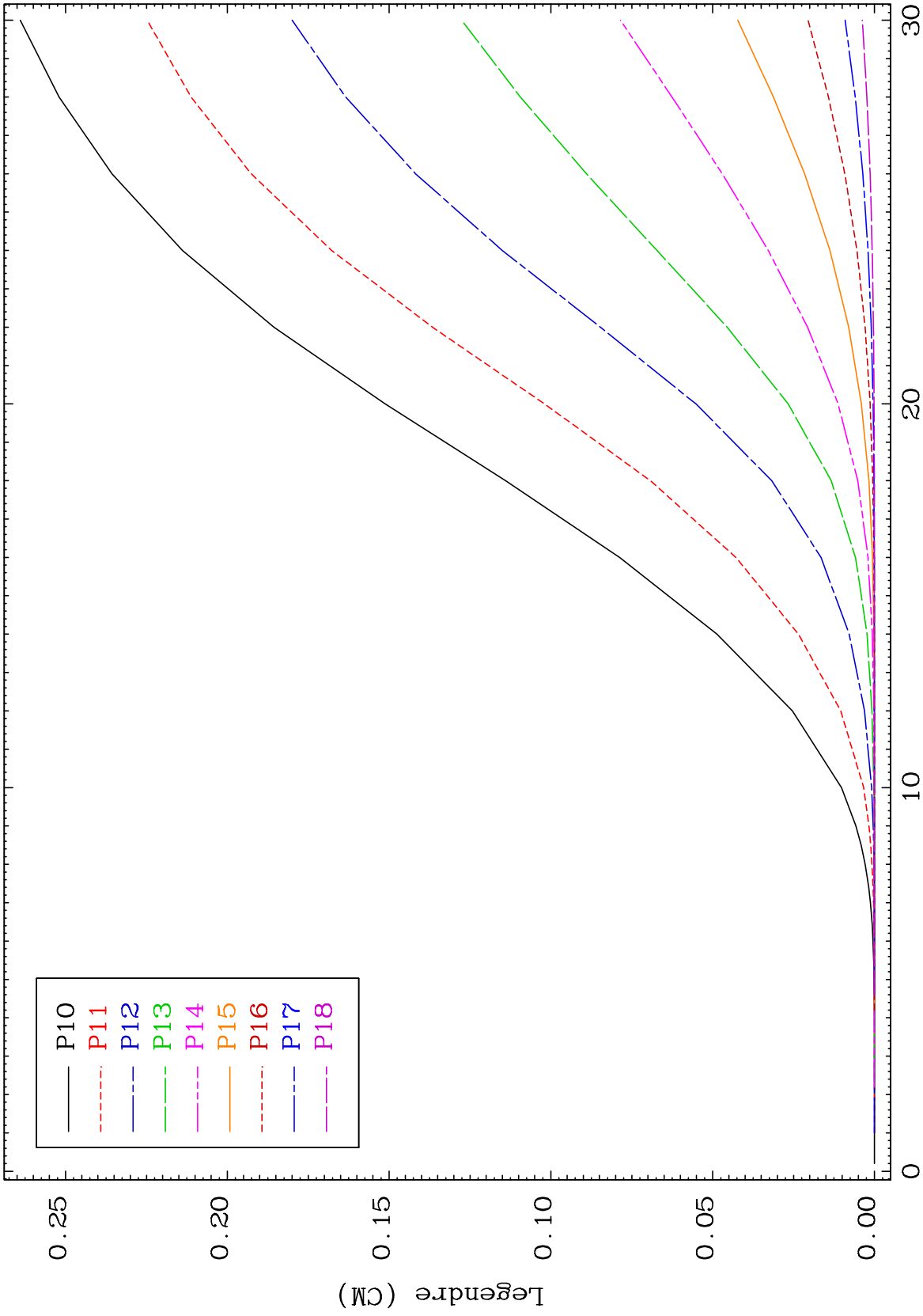
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

Elastic Legendre Coefficients

<sup>34</sup>Se-84



16

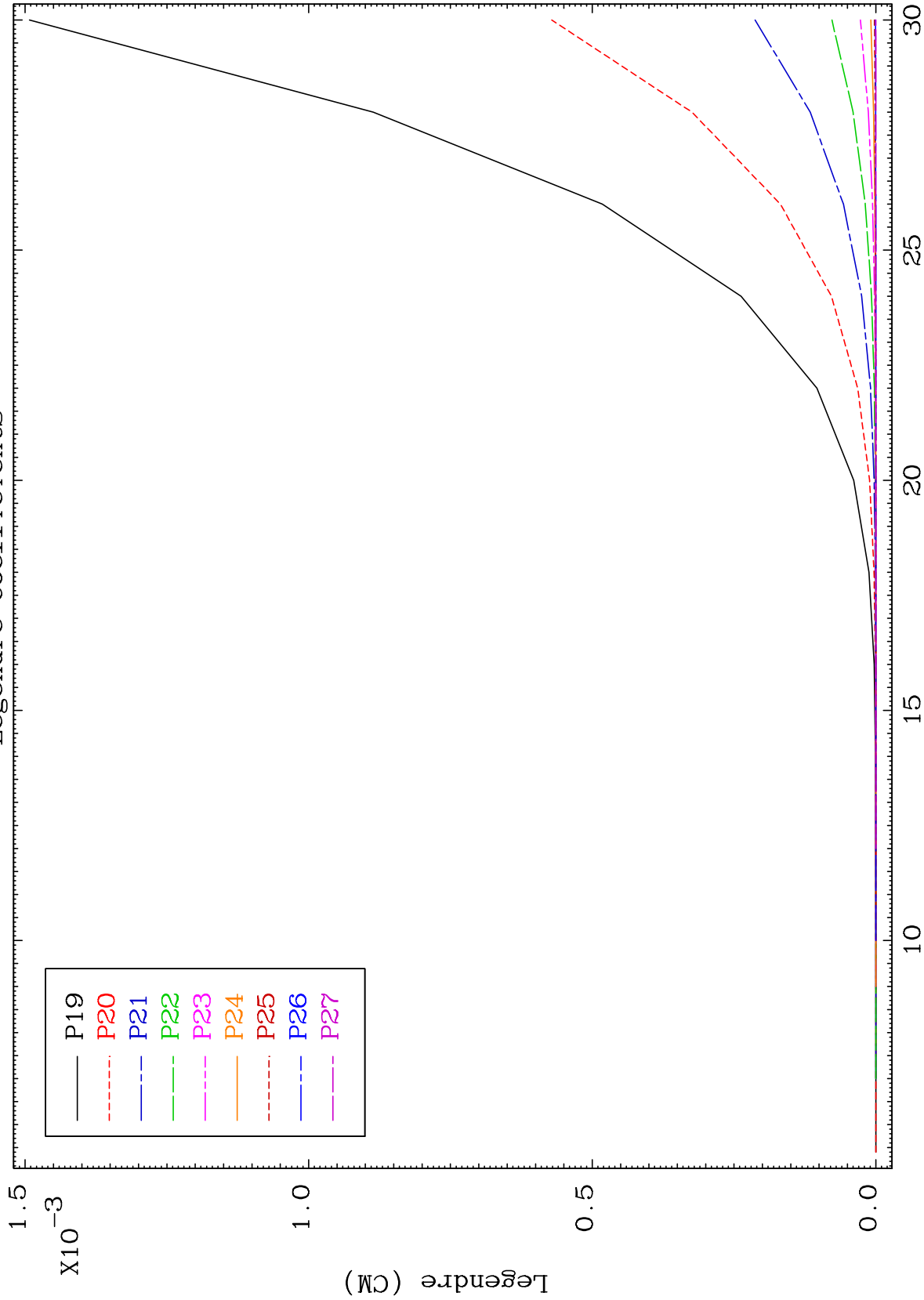
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

Elastic  
Legendre Coefficients

34-Se-84



17

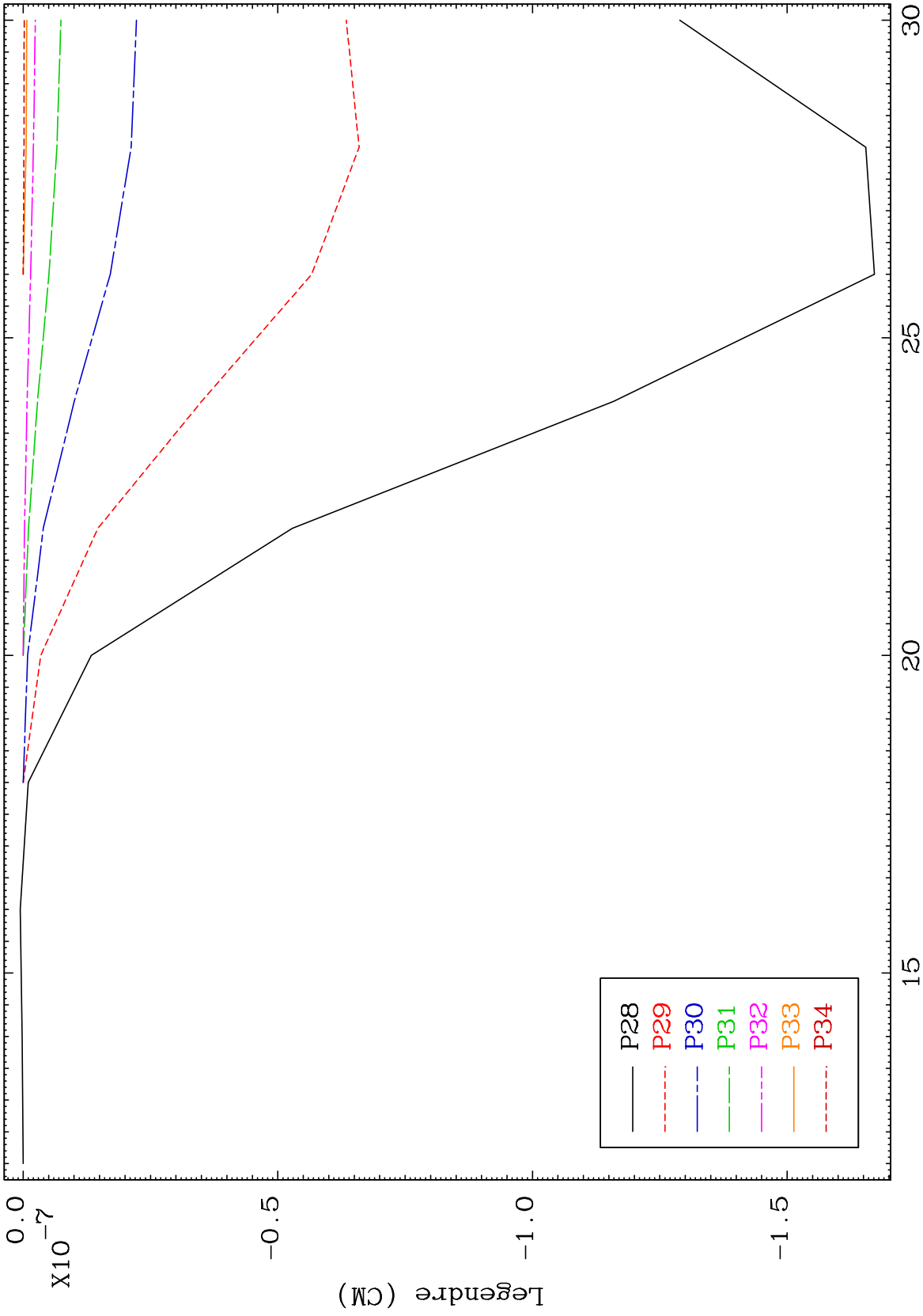
Incident Energy (MeV)

34-Se-84

MAT 3455

34-Se-84

Elastic  
Legendre Coefficients

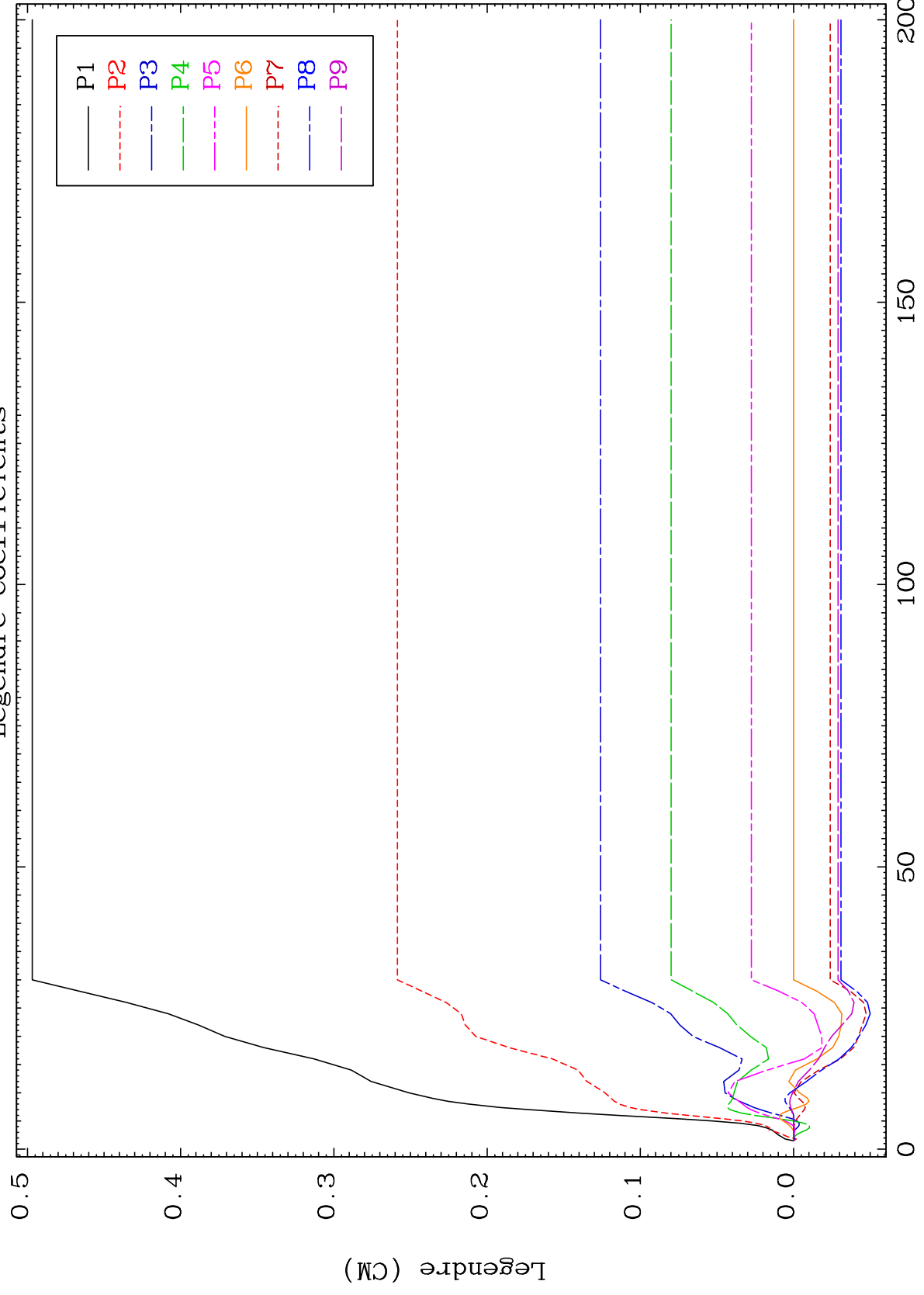


18

Incident Energy (MeV)

34-Se-84

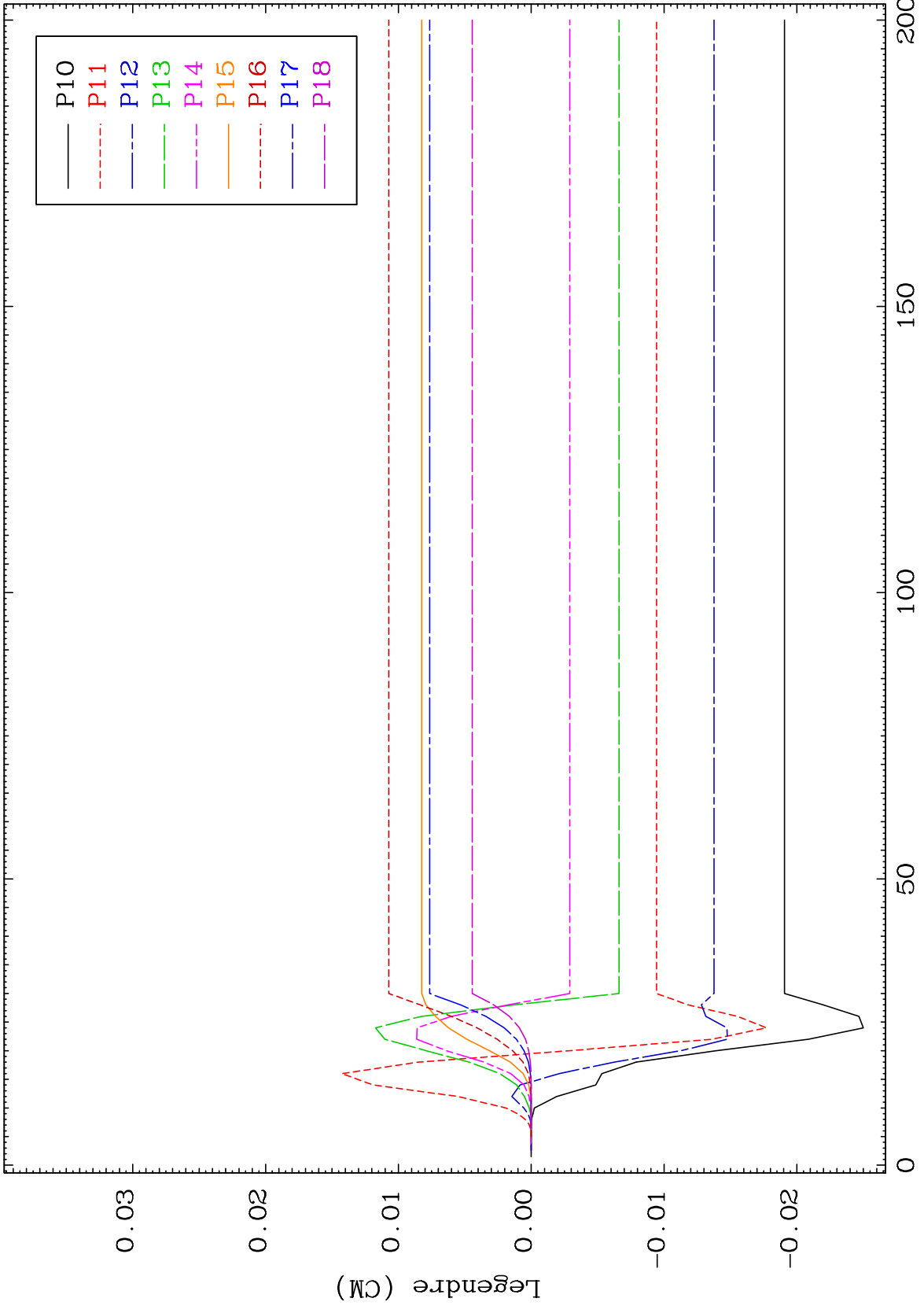
MAT 3455 MT= 51 (n,n') Level Legendre Coefficients 34-Se-84



MAT 3455

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

34-Se-84



34-Se-84

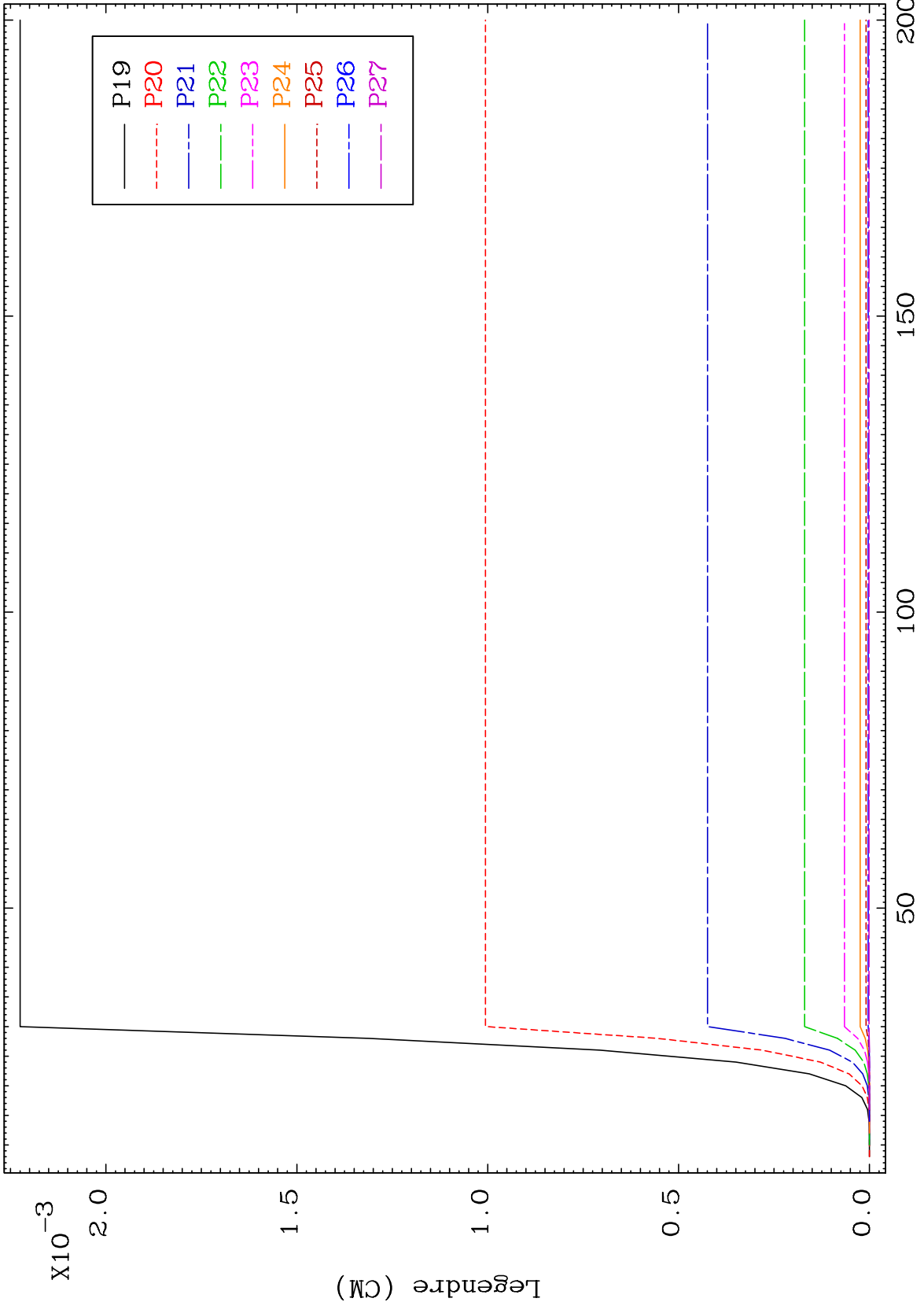
Incident Energy (MeV)

20

MAT 3455

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

34-Se-84



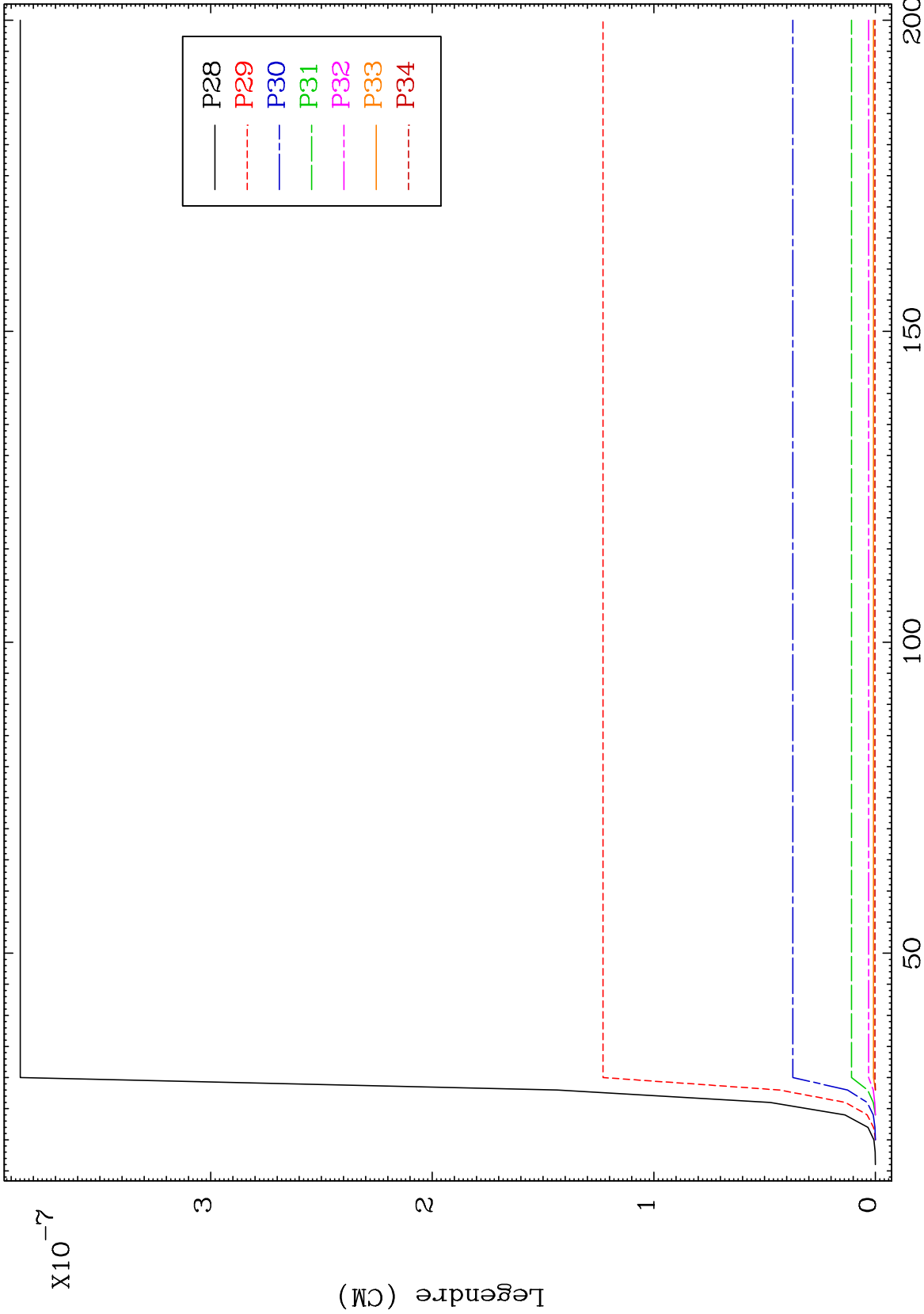
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34-Se-84

MAT 3455

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

34-Se-84



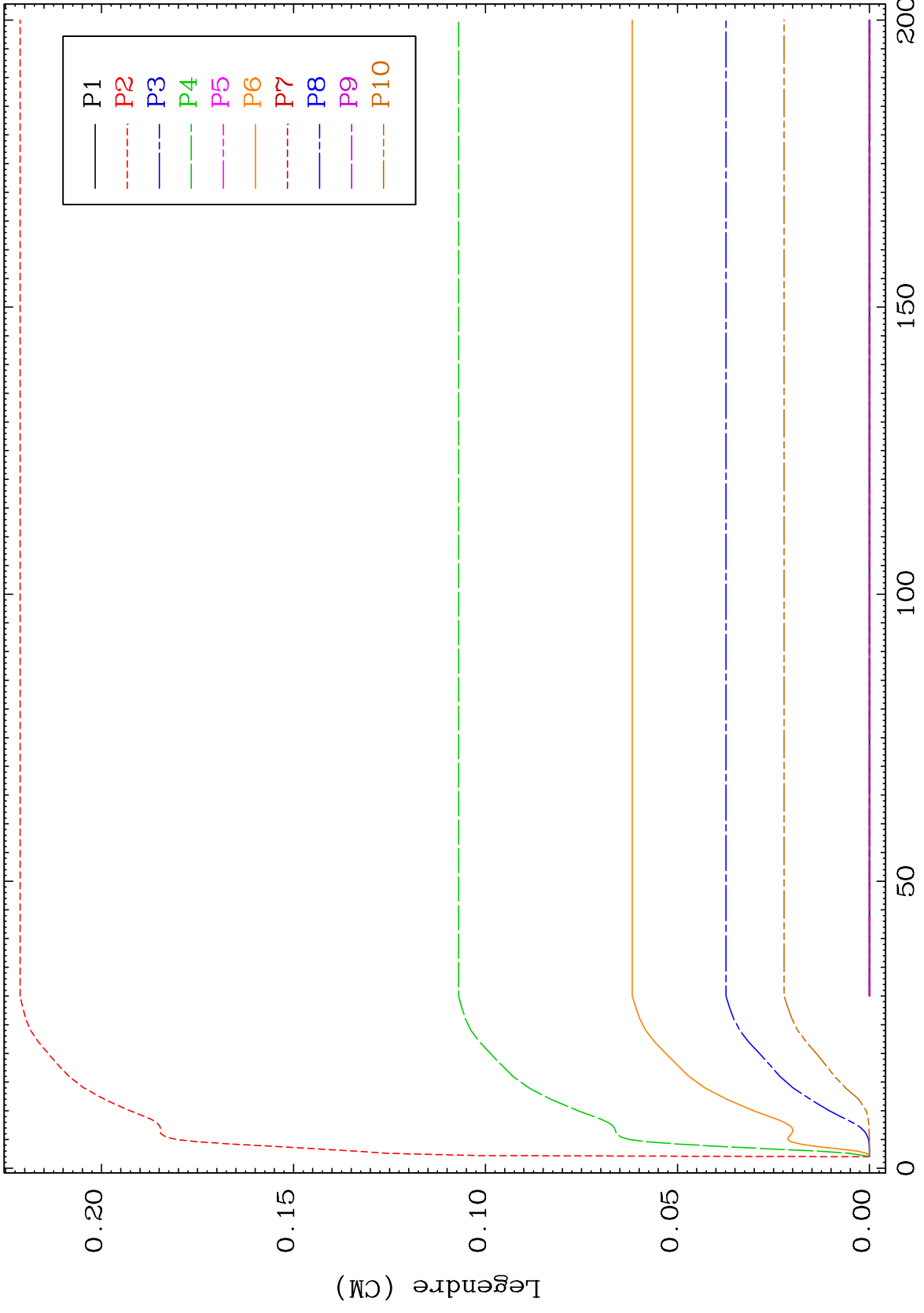
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34-Se-84

MAT 3455

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

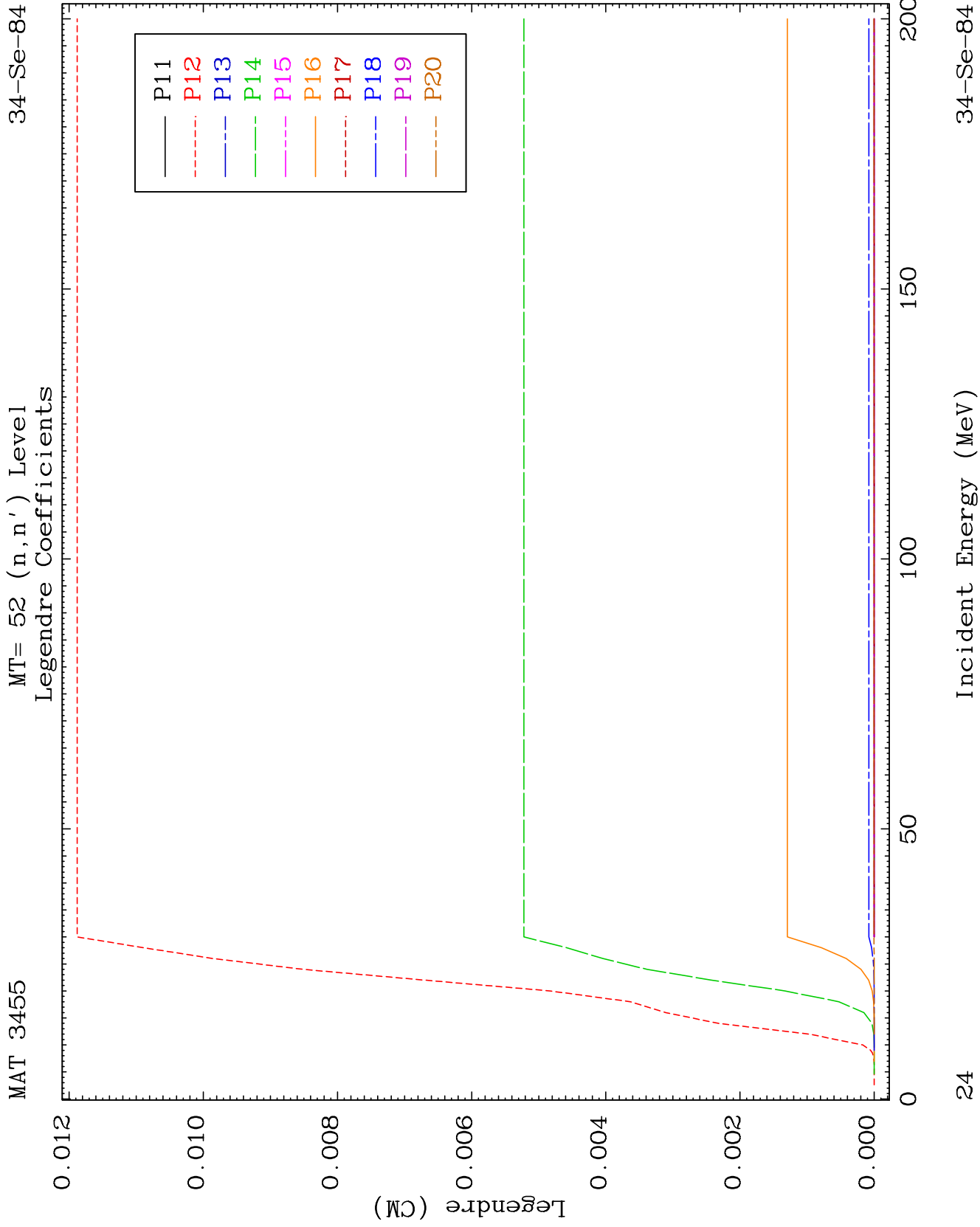
34-Se-84



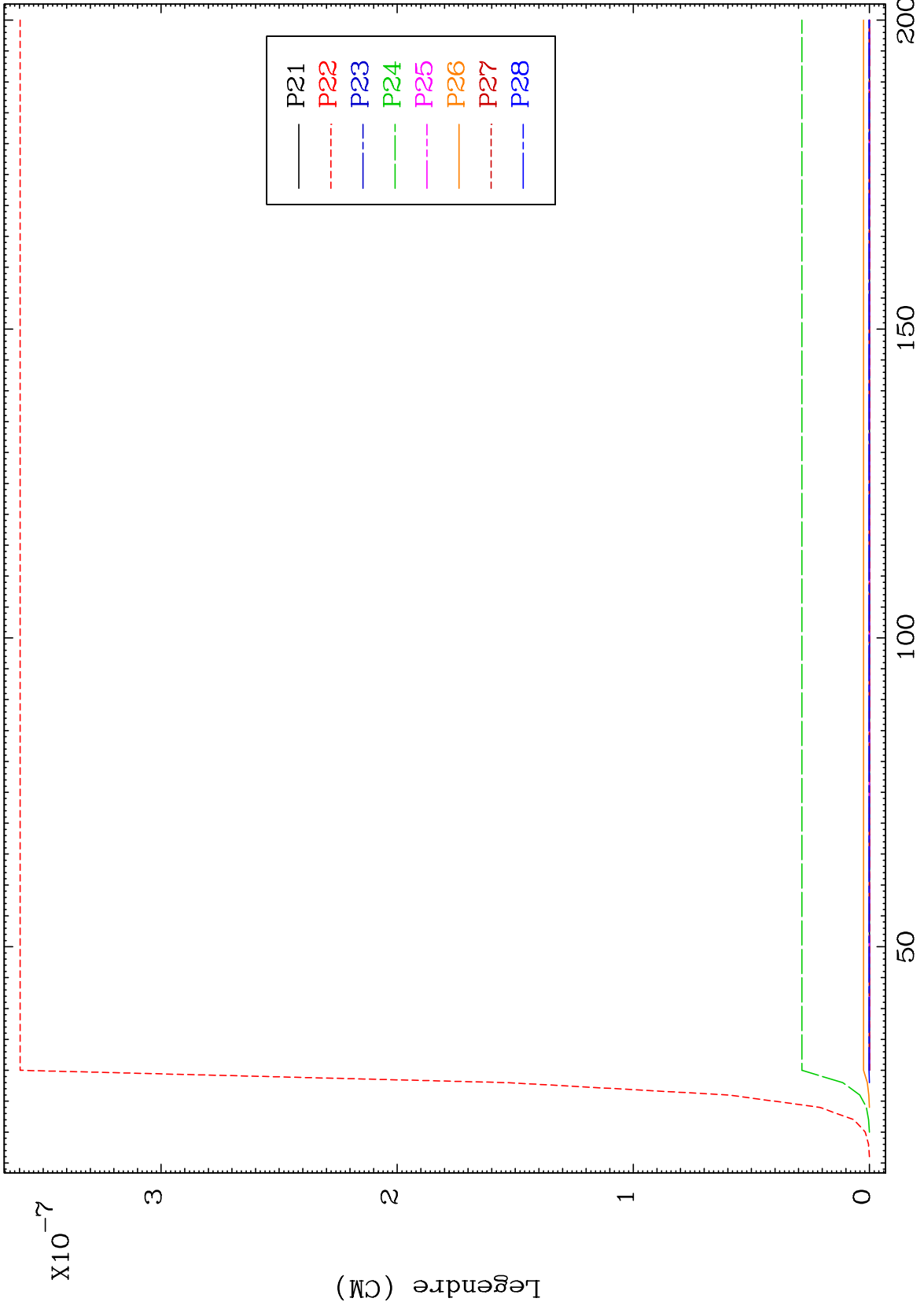
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Incident Energy (MeV)

34-Se-84



MAT 3455 MT= 52 (n,n') Level Legendre Coefficients 34-Se-84

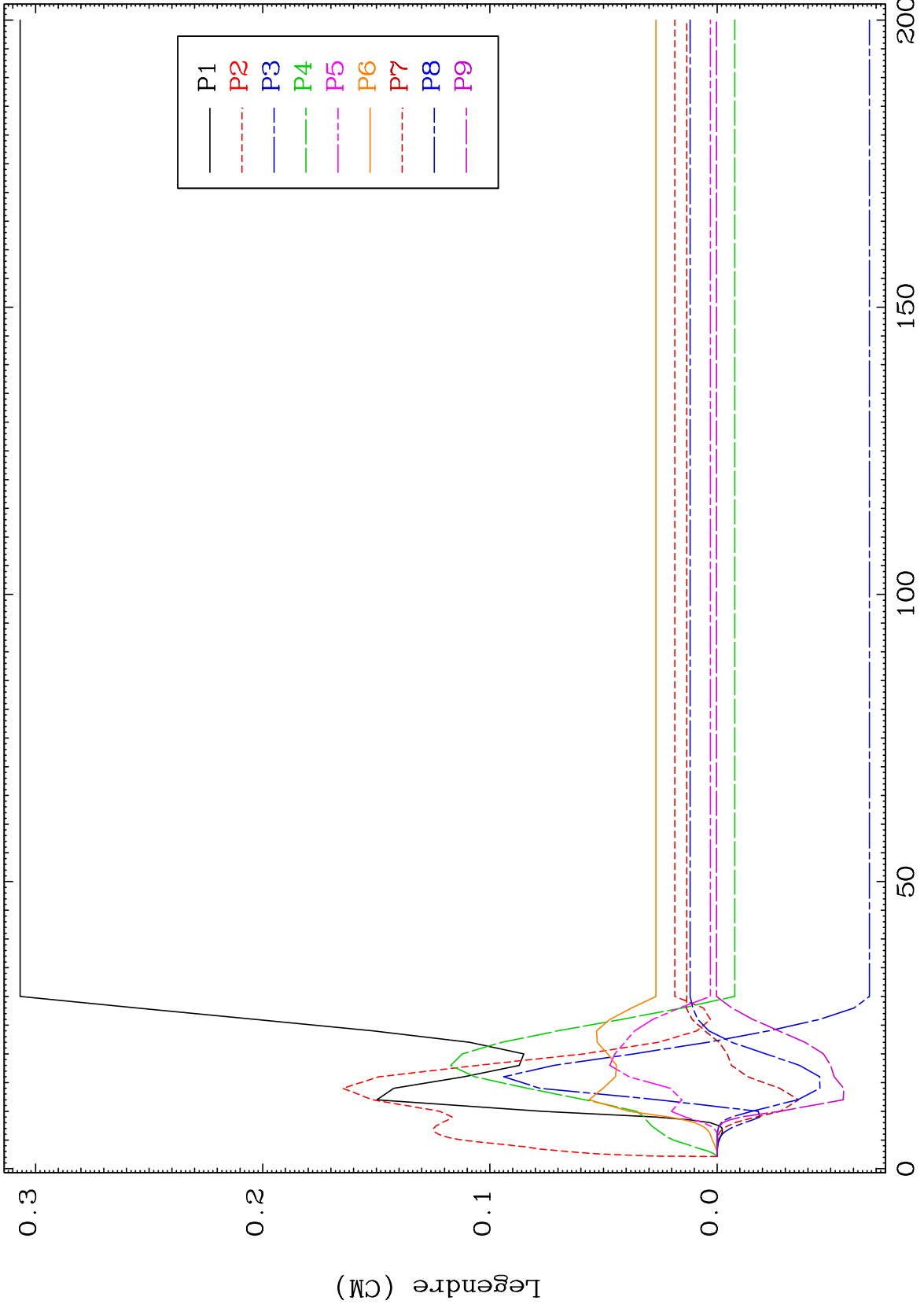


25 50 100 150 200 34-Se-84

MAT 3455

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

34-Se-84



26

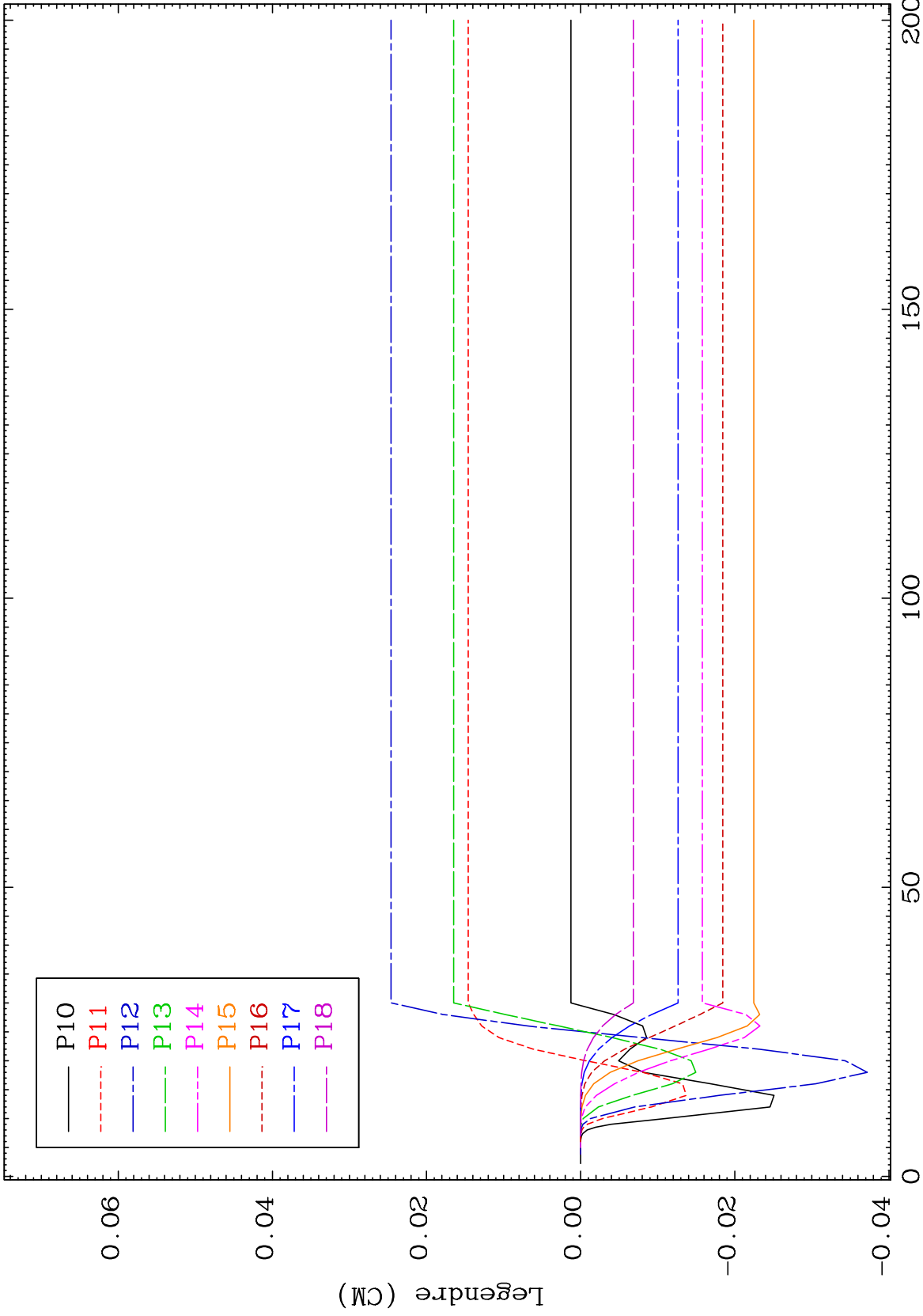
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

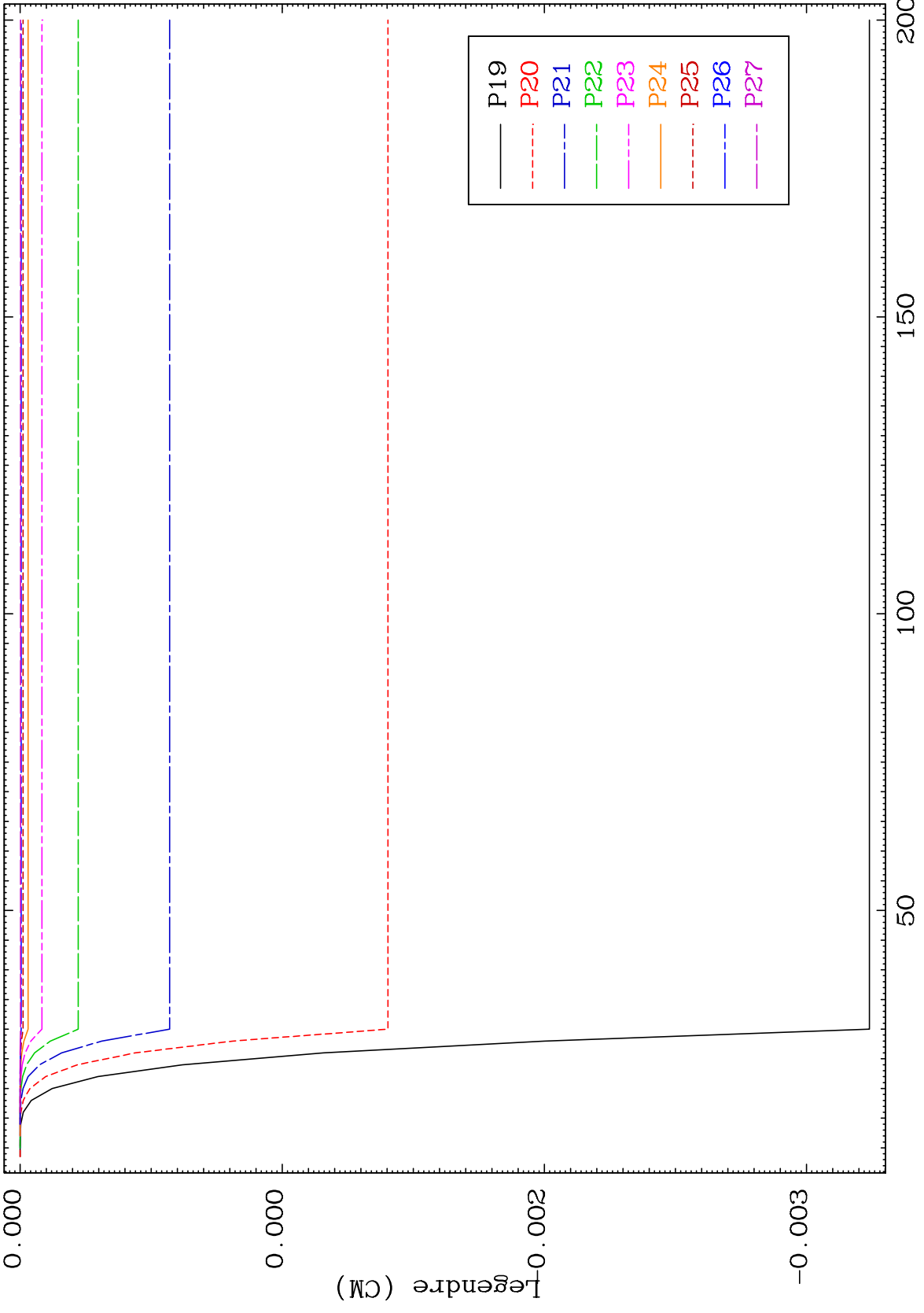


27

Incident Energy (MeV)

34-Se-84

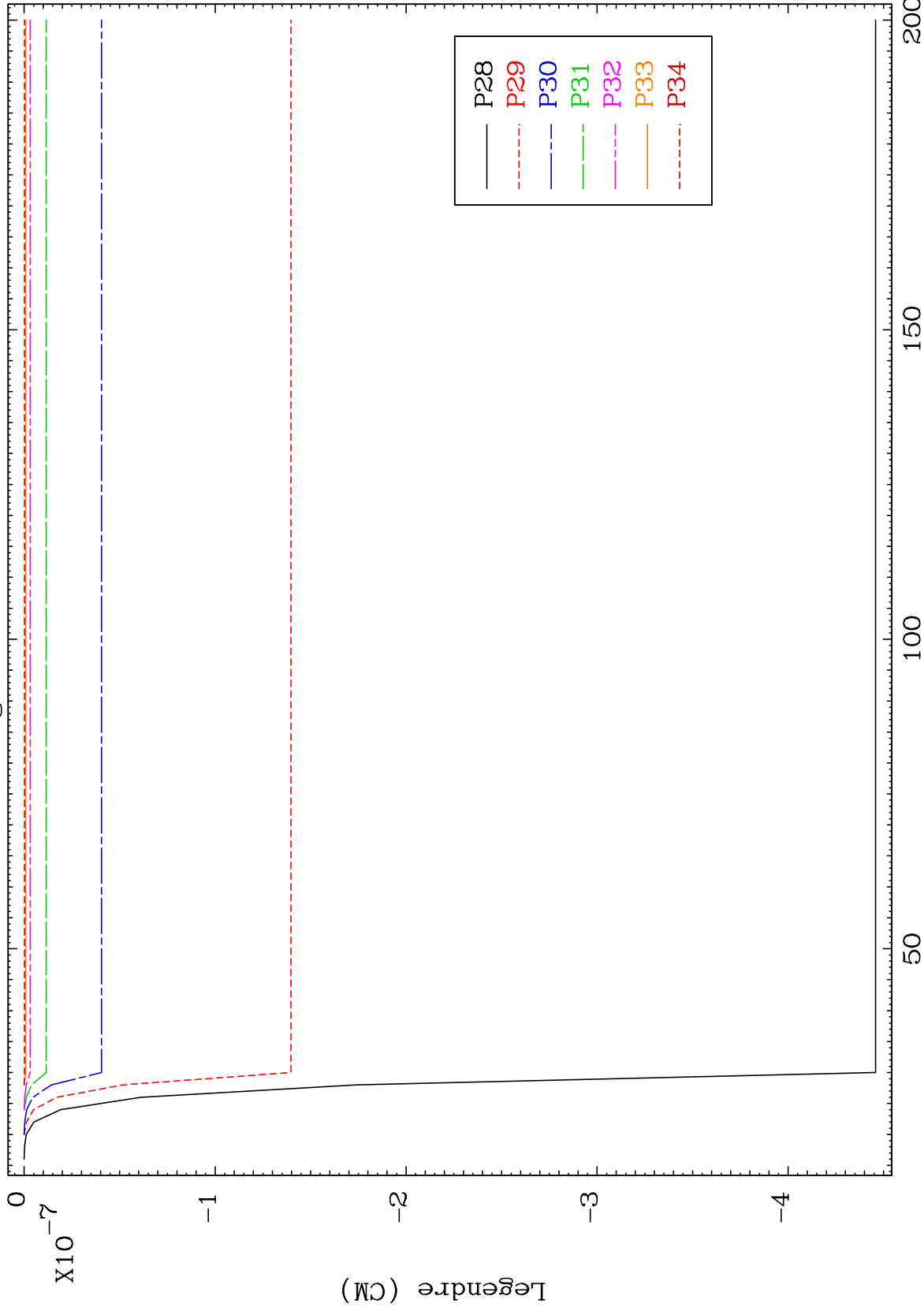
MAT 3455 MT= 53 (n,n') Level Legendre Coefficients 34-Se-84



MAT 3455

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

34-Se-84



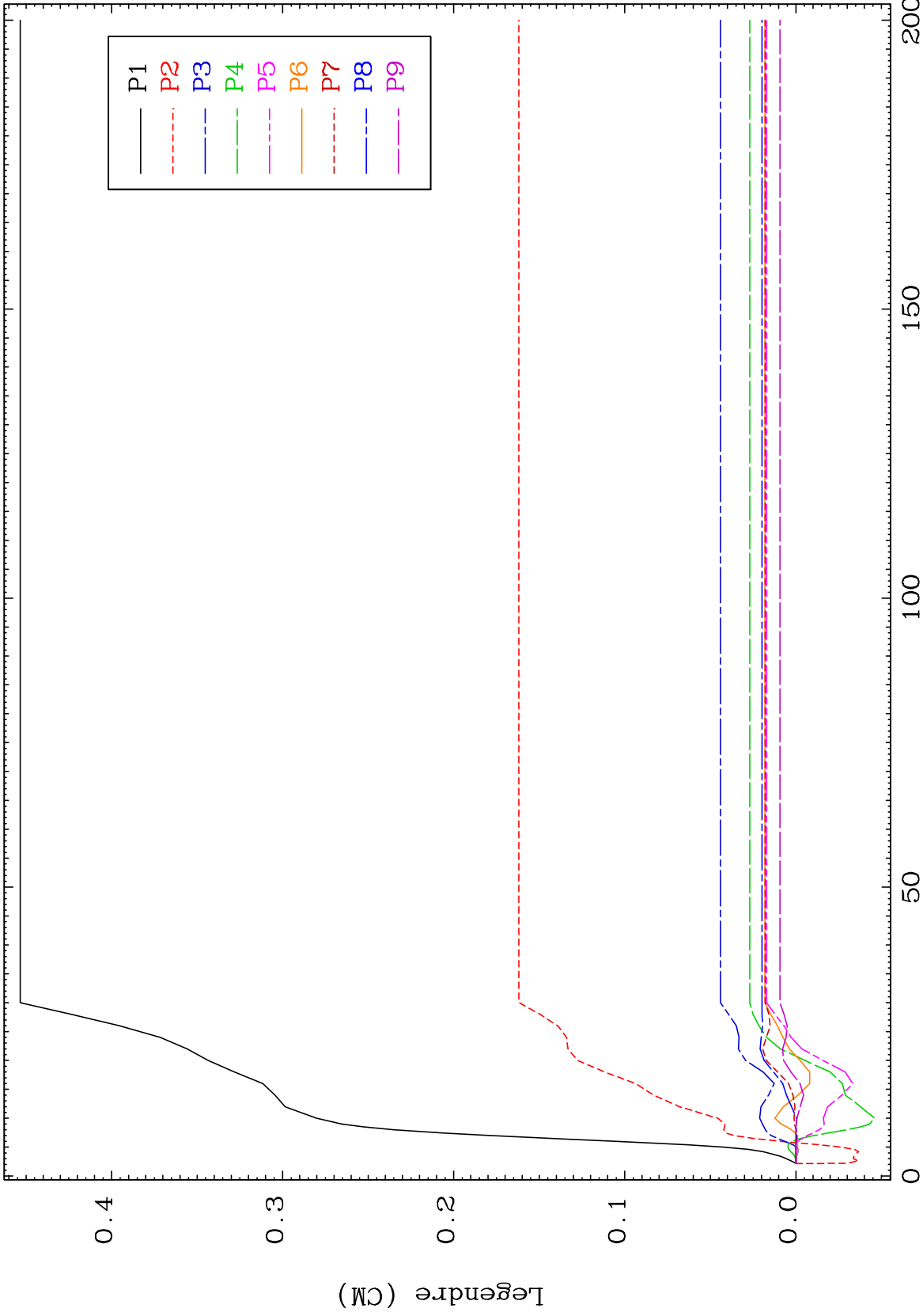
29

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

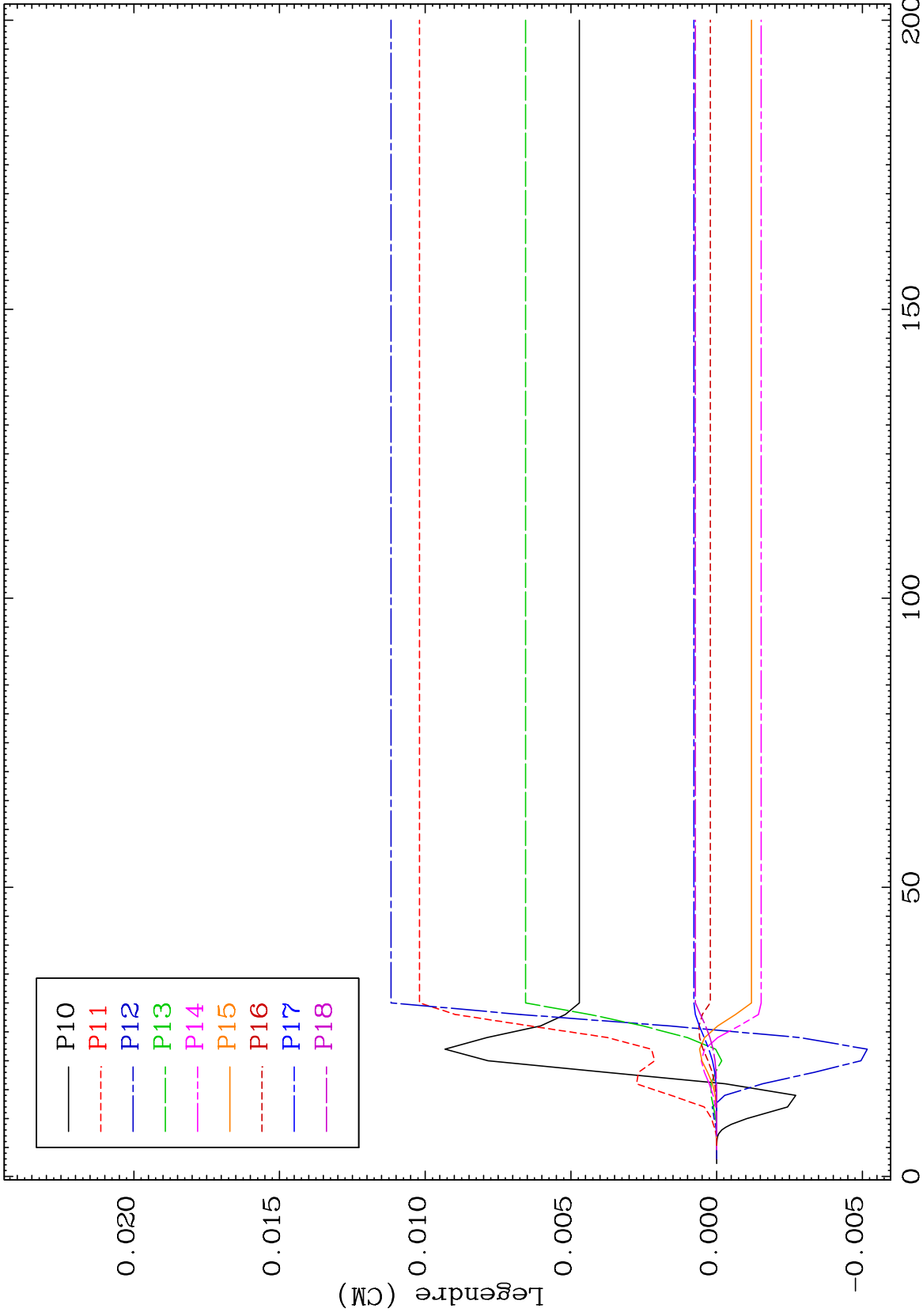
Incident Energy (MeV)

30

MAT 3455

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

34-Se-84



31

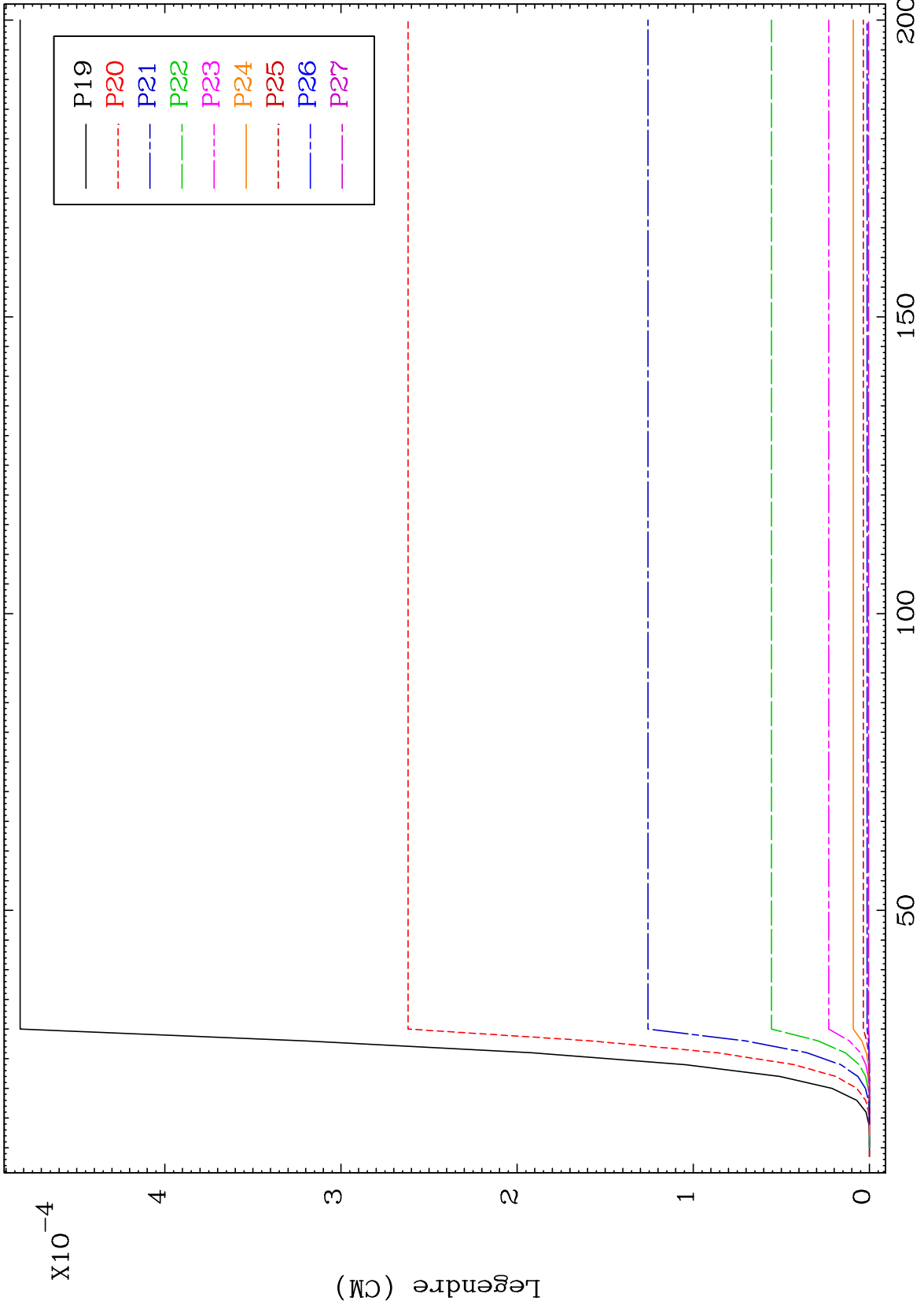
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



32

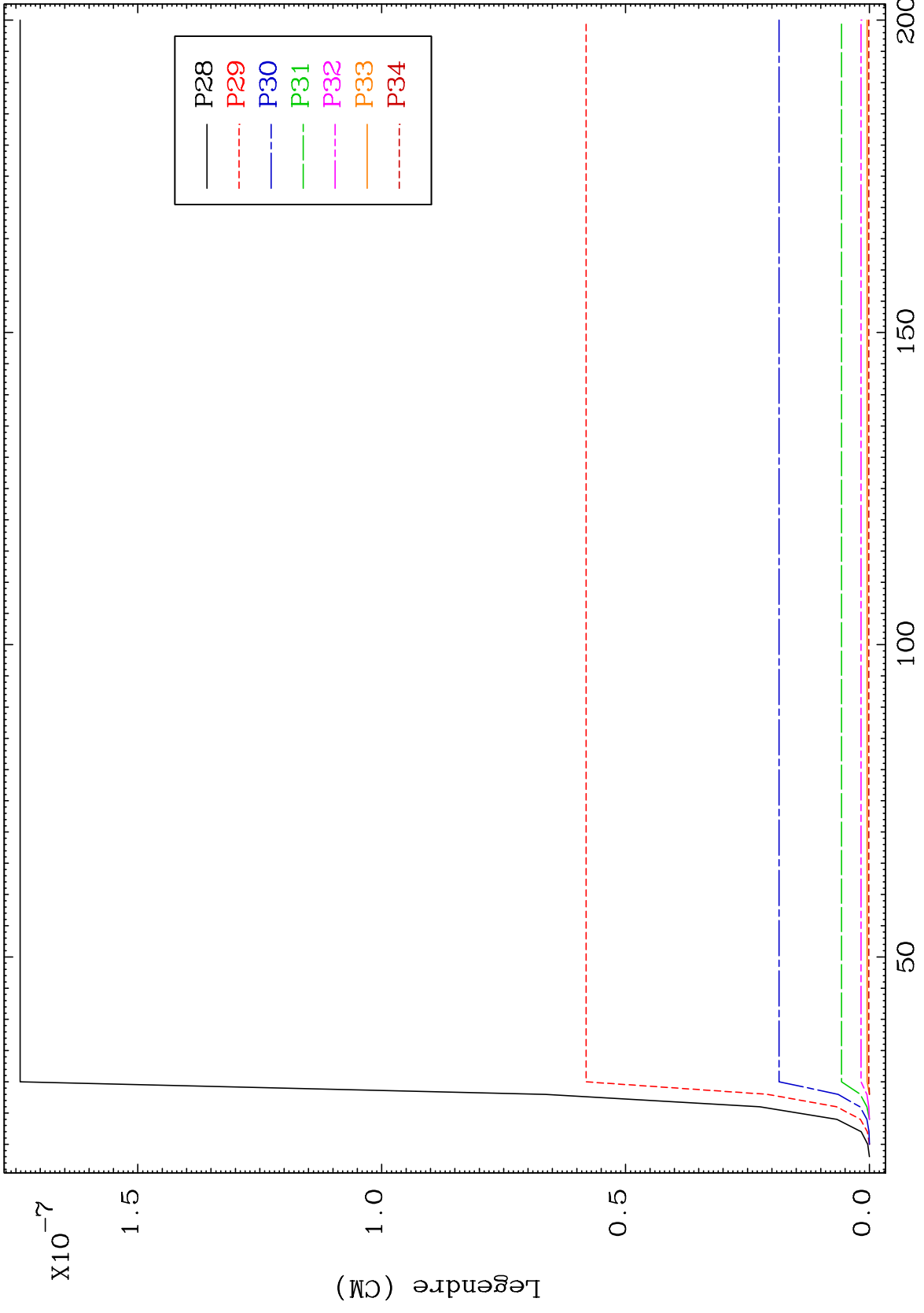
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

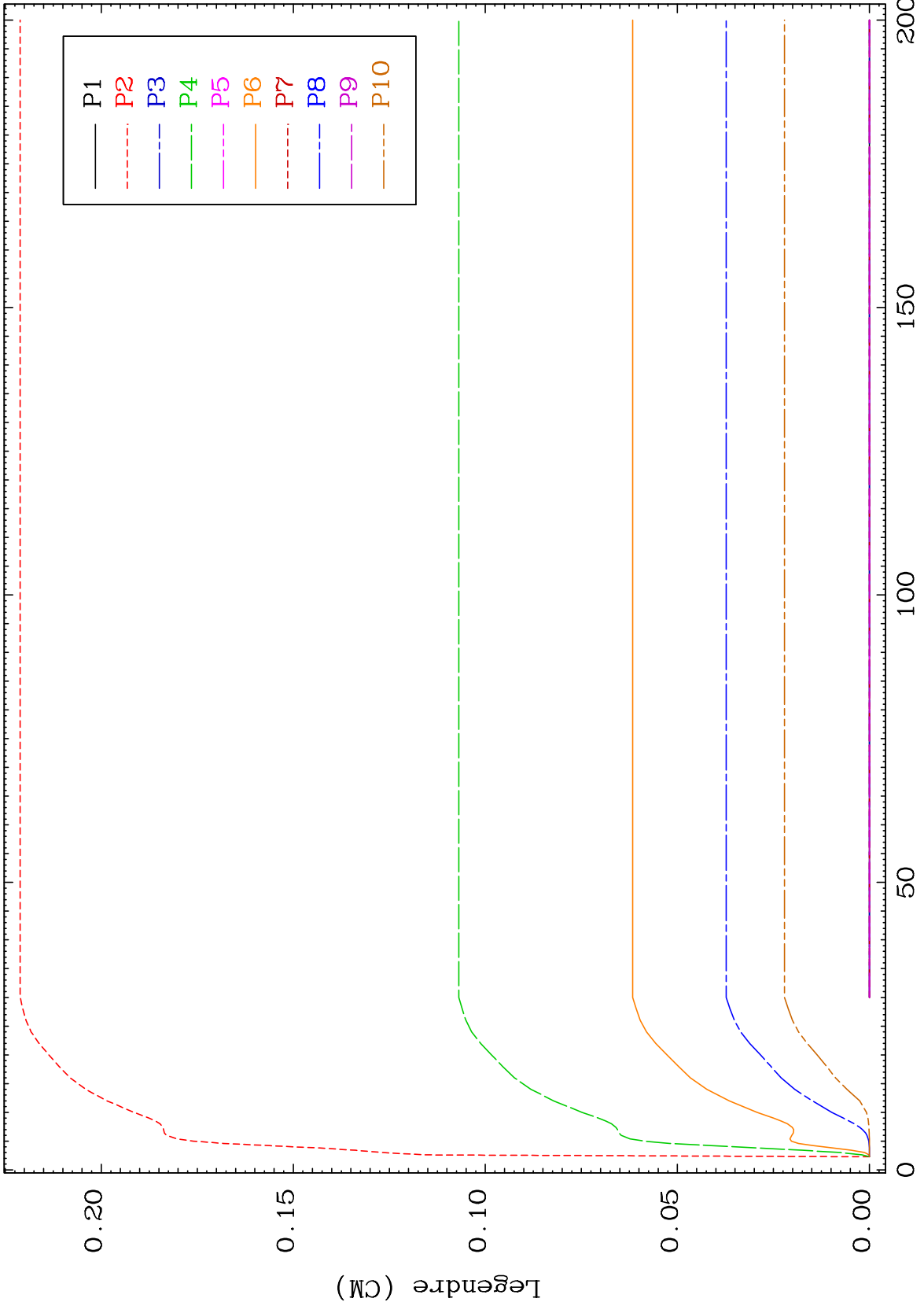


33

Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 55 (n,n') Level Legendre Coefficients 34-Se-84

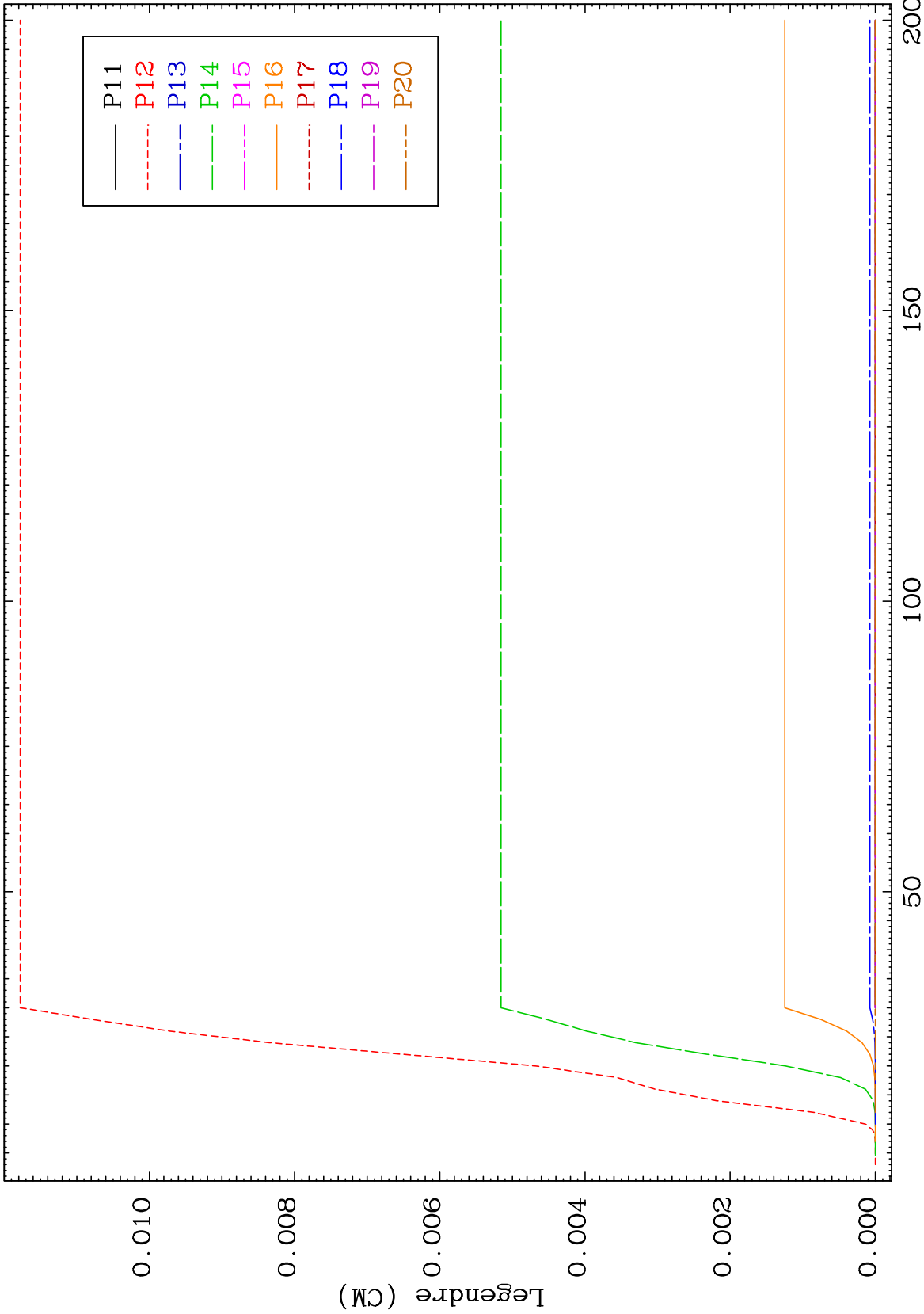


34 34-Se-84

MAT 3455

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

34-Se-84

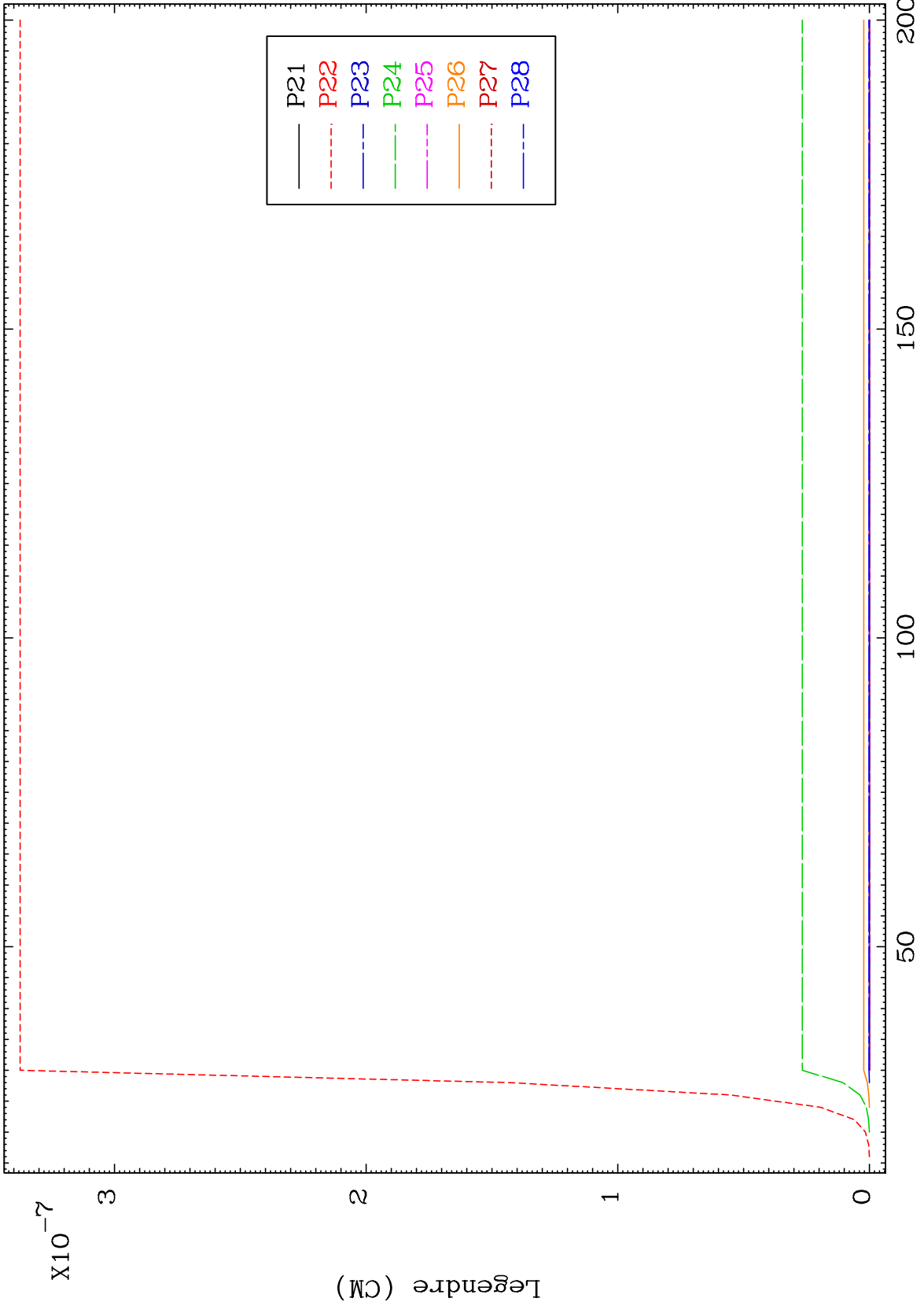


35

Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 55 (n,n') Level Legendre Coefficients 34-Se-84

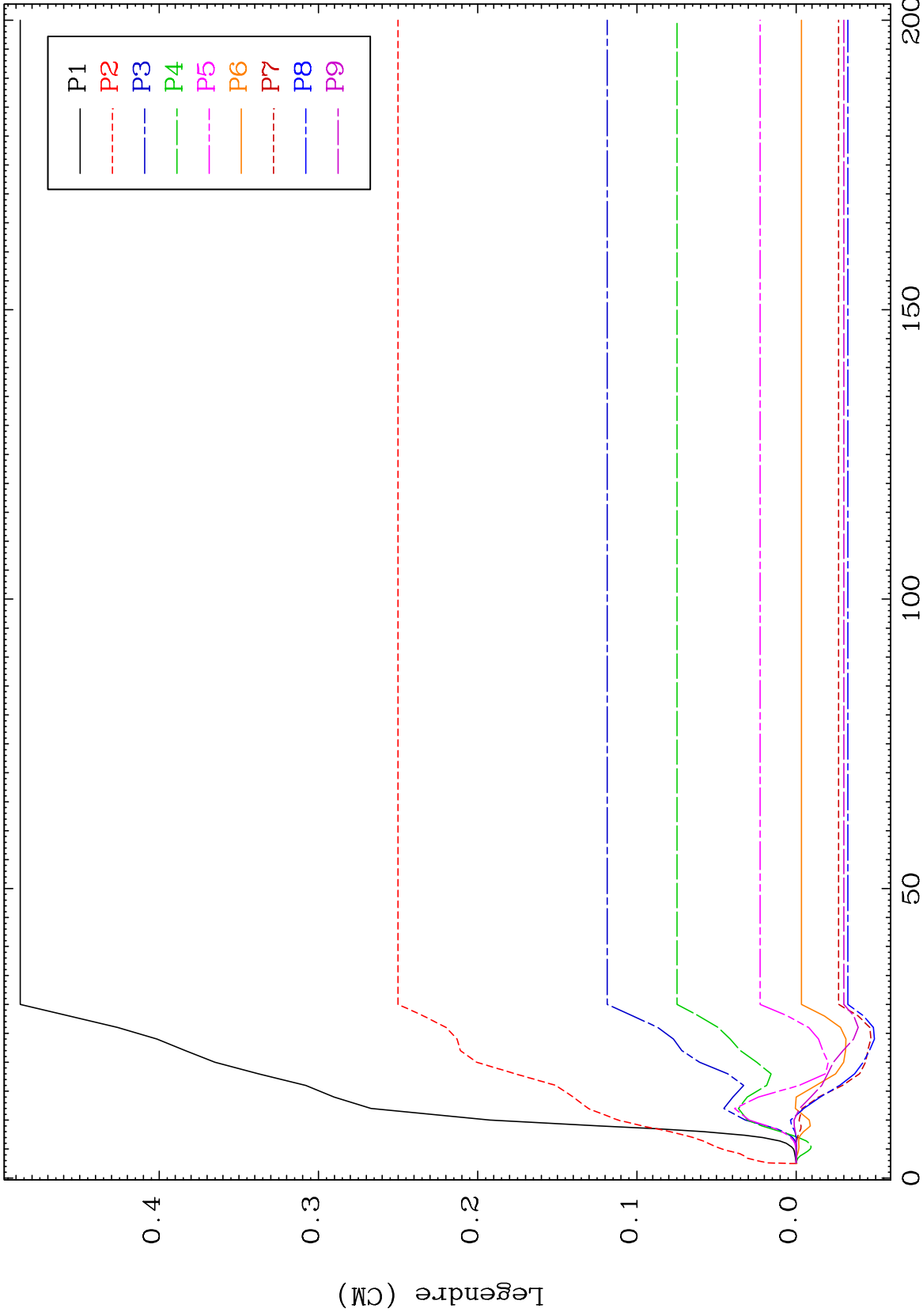


36 Incident Energy (MeV) 34-Se-84

MAT 3455

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

34-Se-84



37

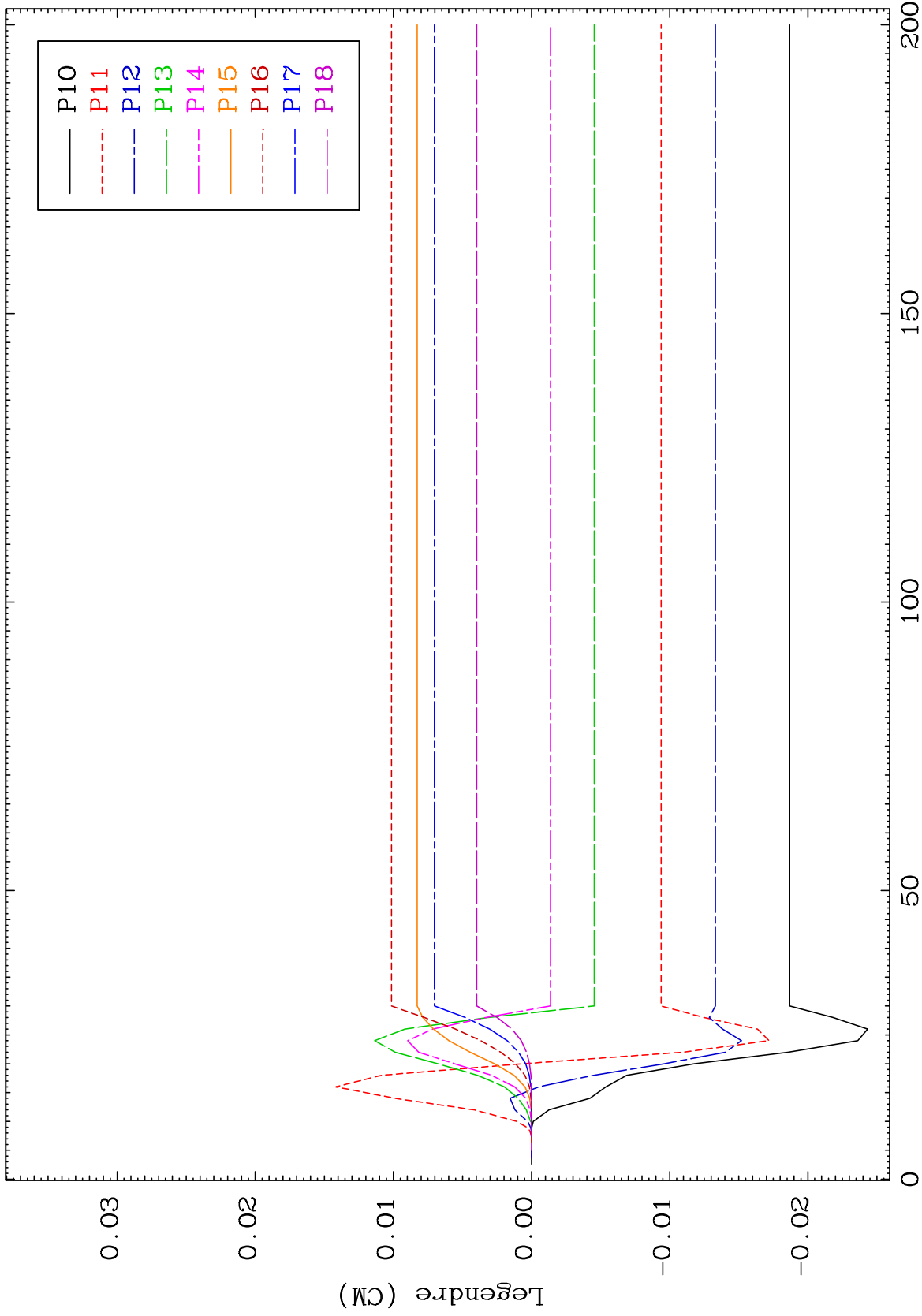
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



38

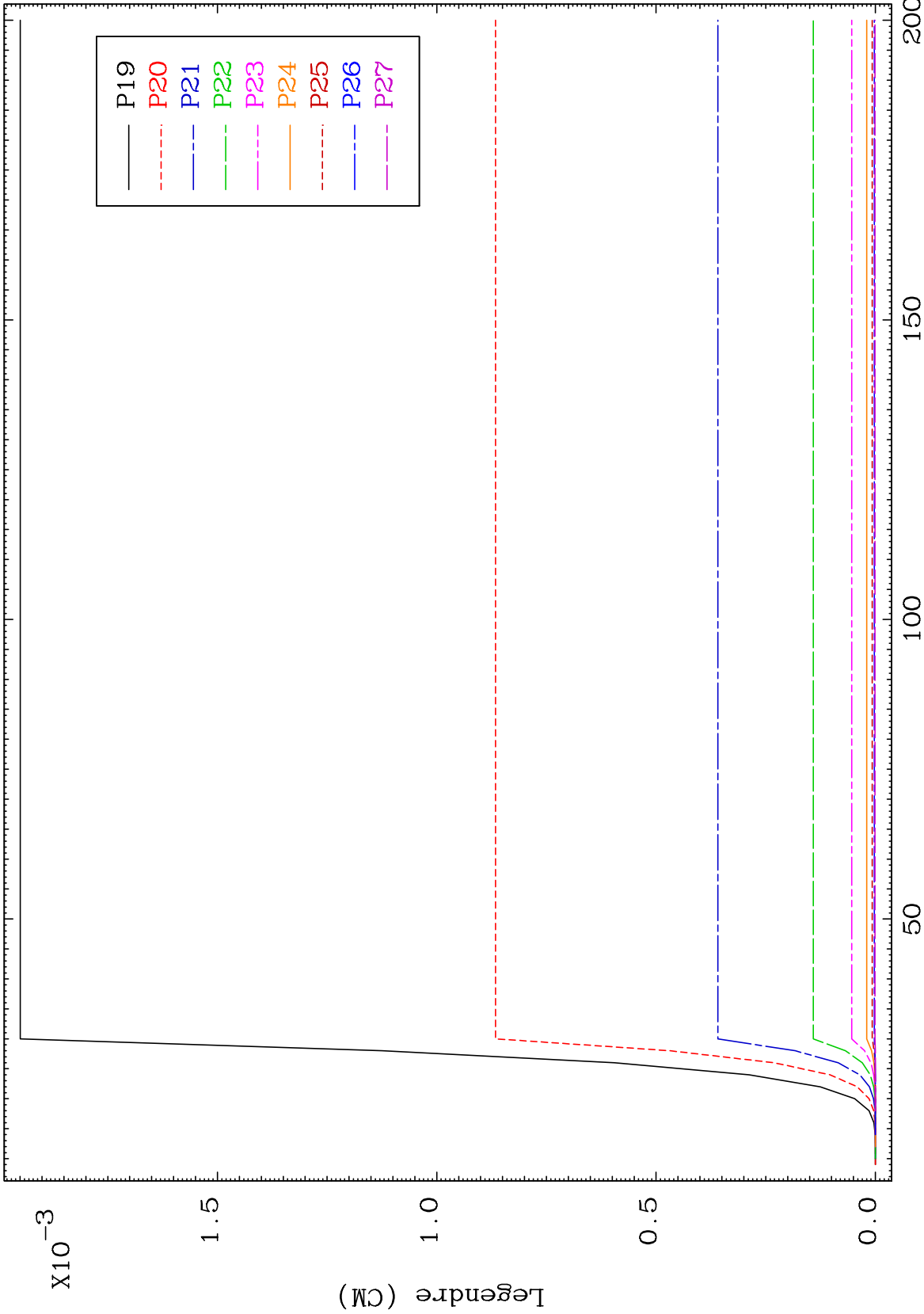
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



39

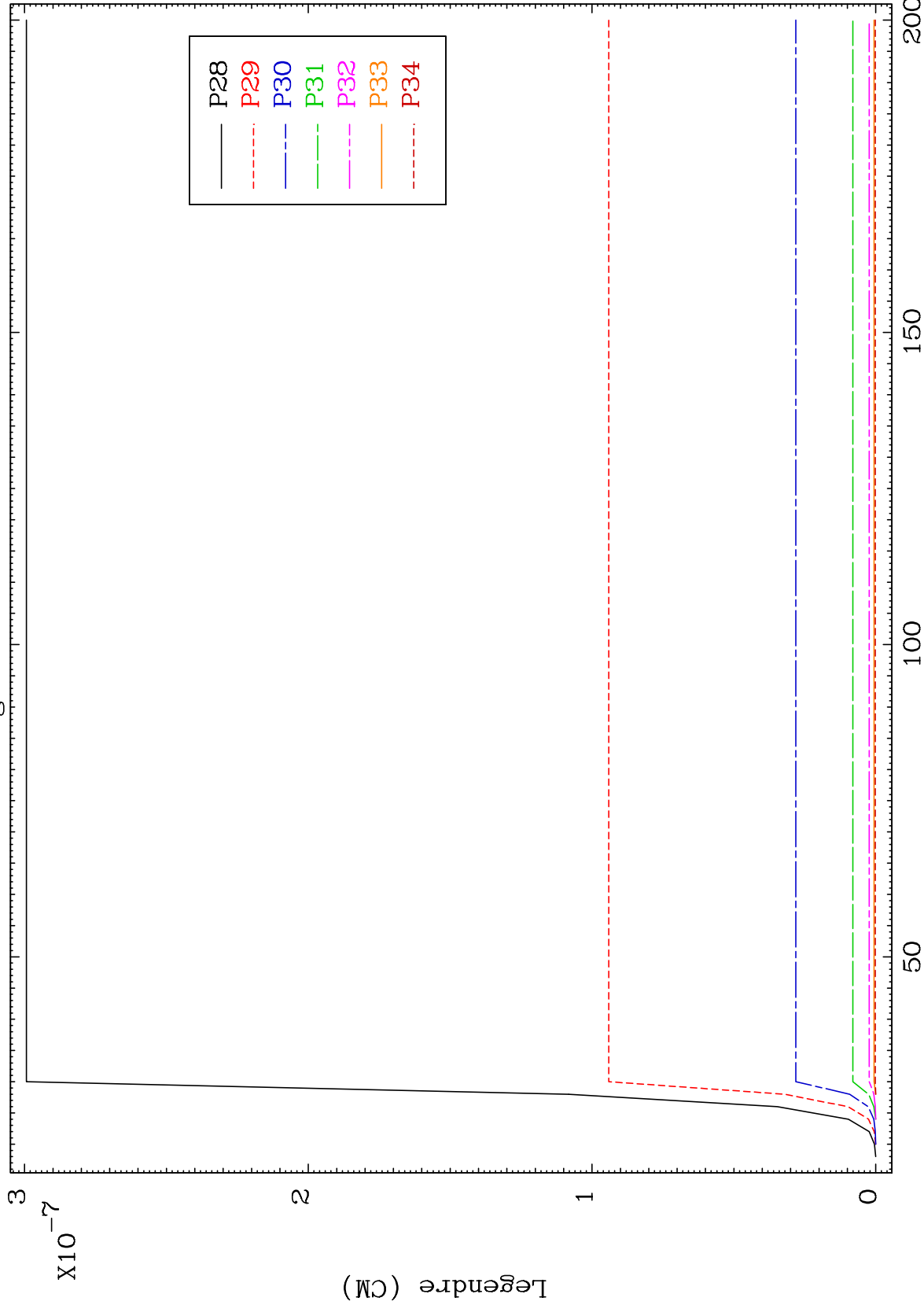
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

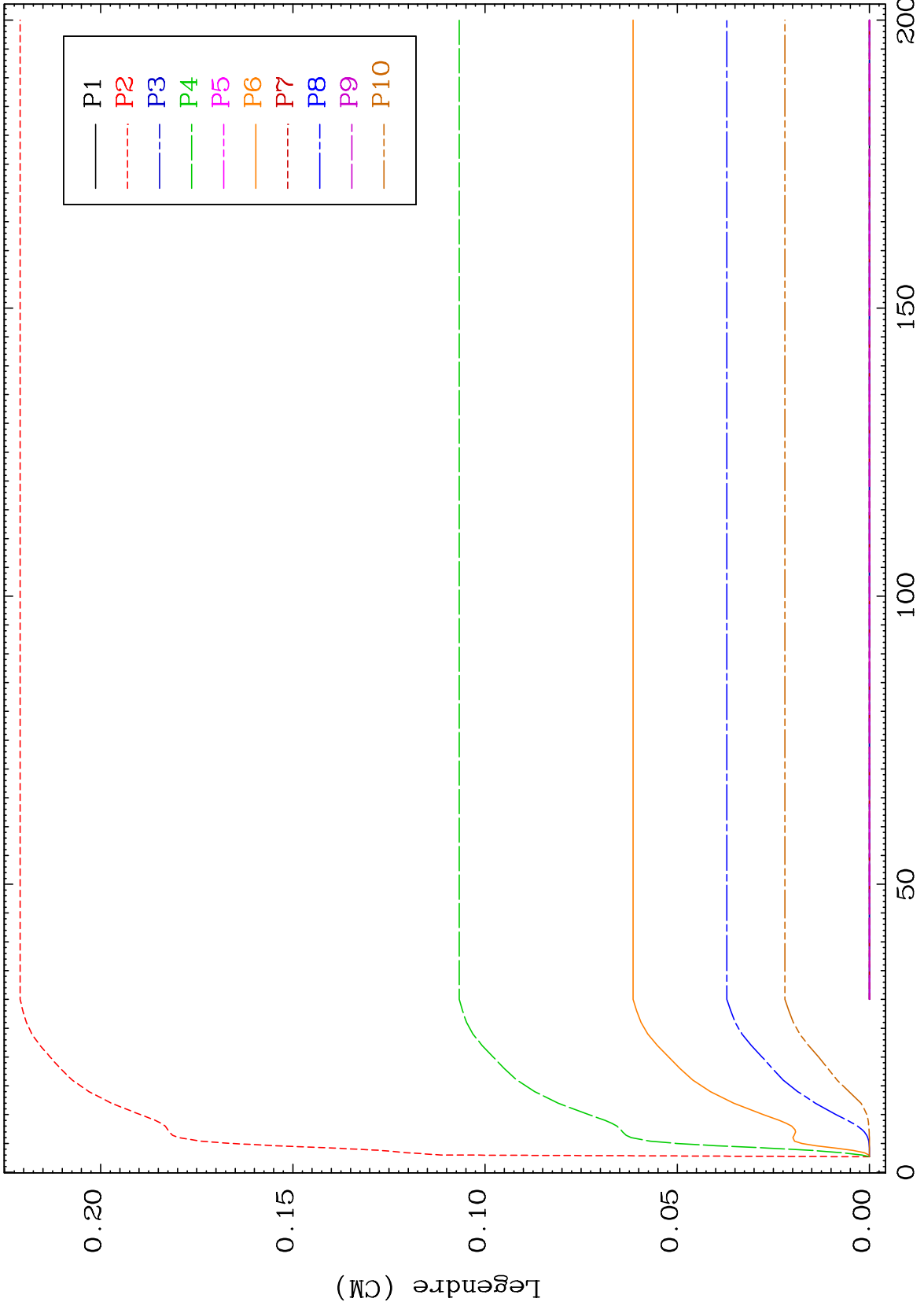


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Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 57 (n,n') Level Legendre Coefficients 34-Se-84

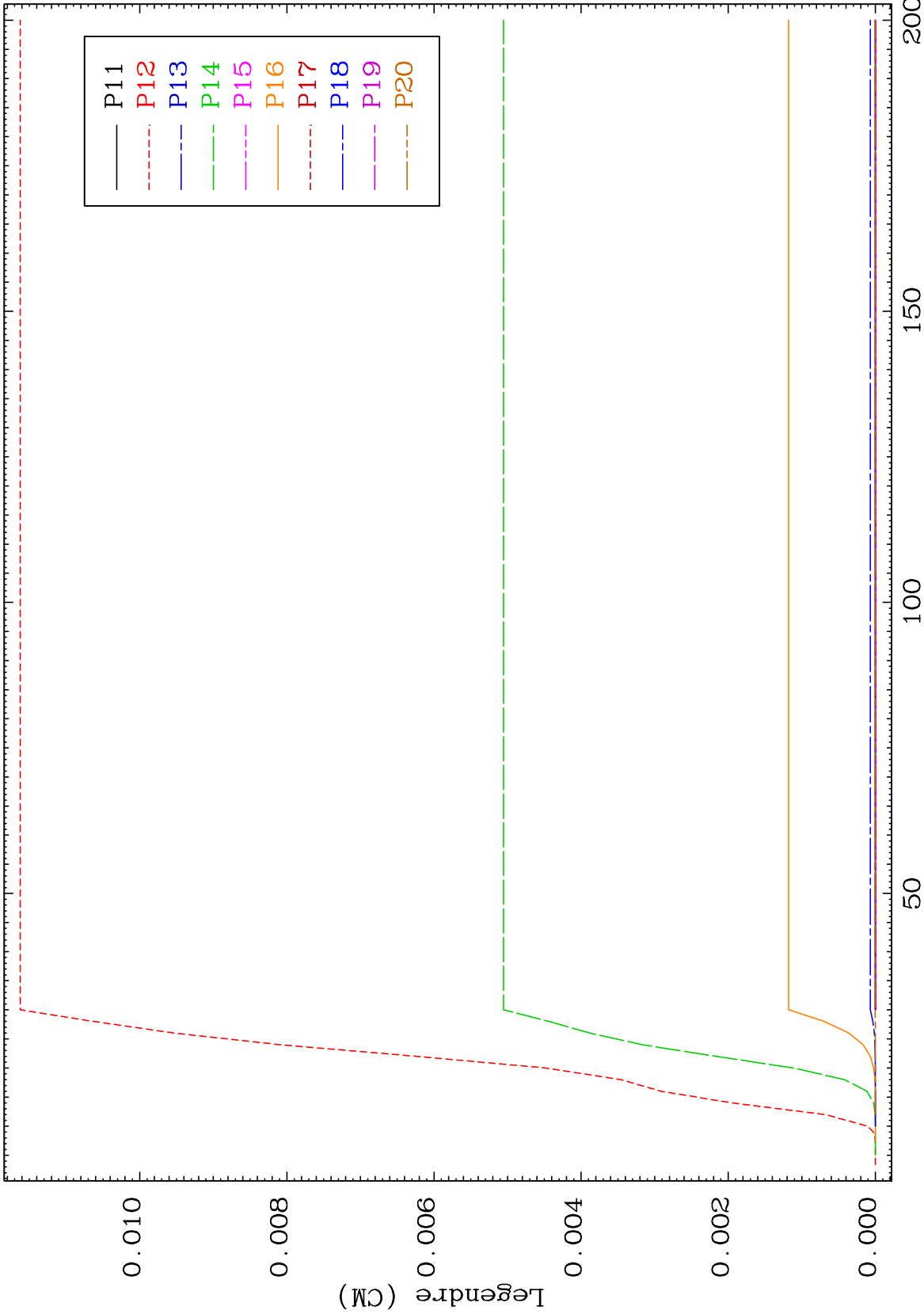


41 34-Se-84

MAT 3455

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

34-Se-84



42

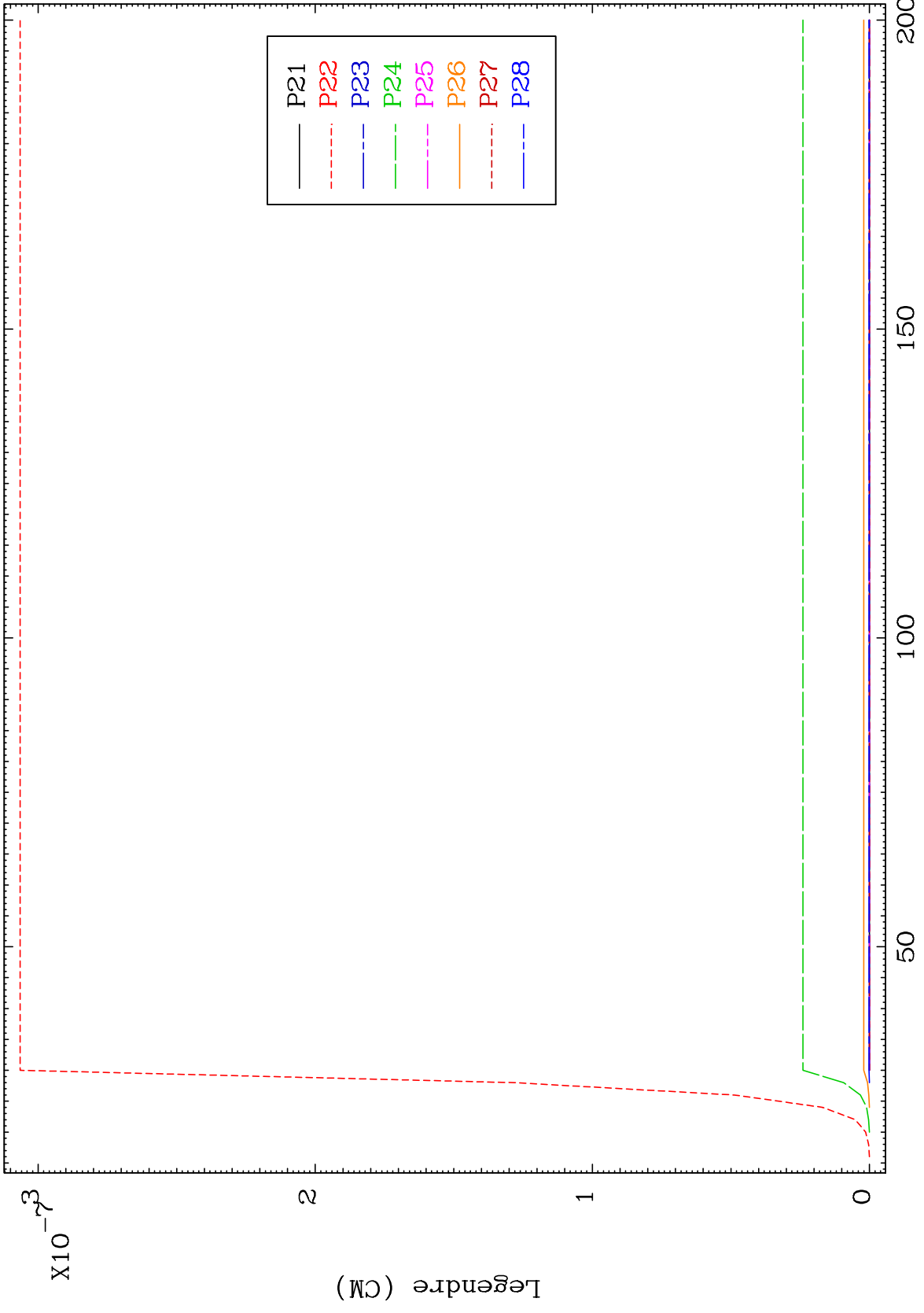
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

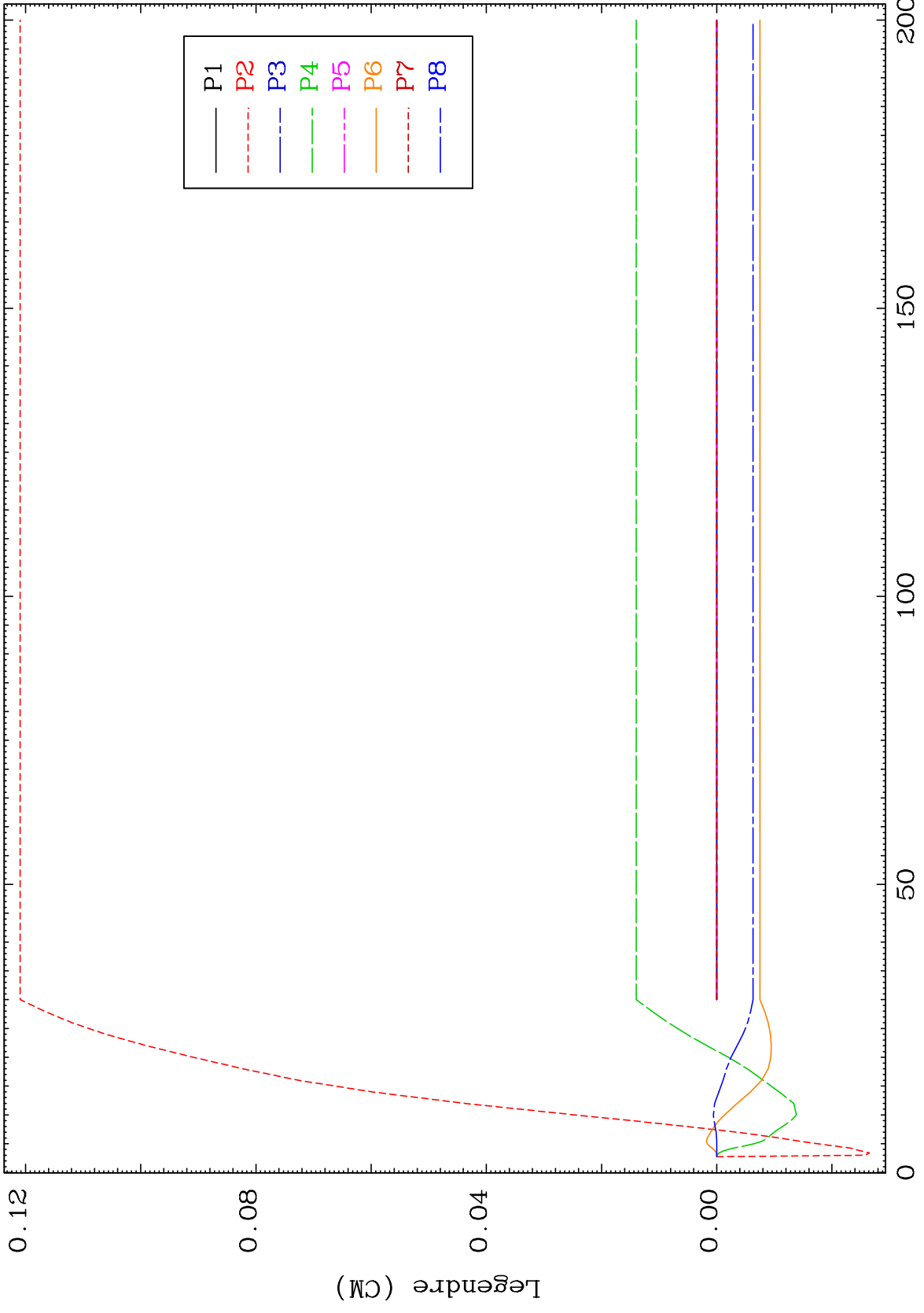


43

Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 58 (n,n') Level Legendre Coefficients 34-Se-84

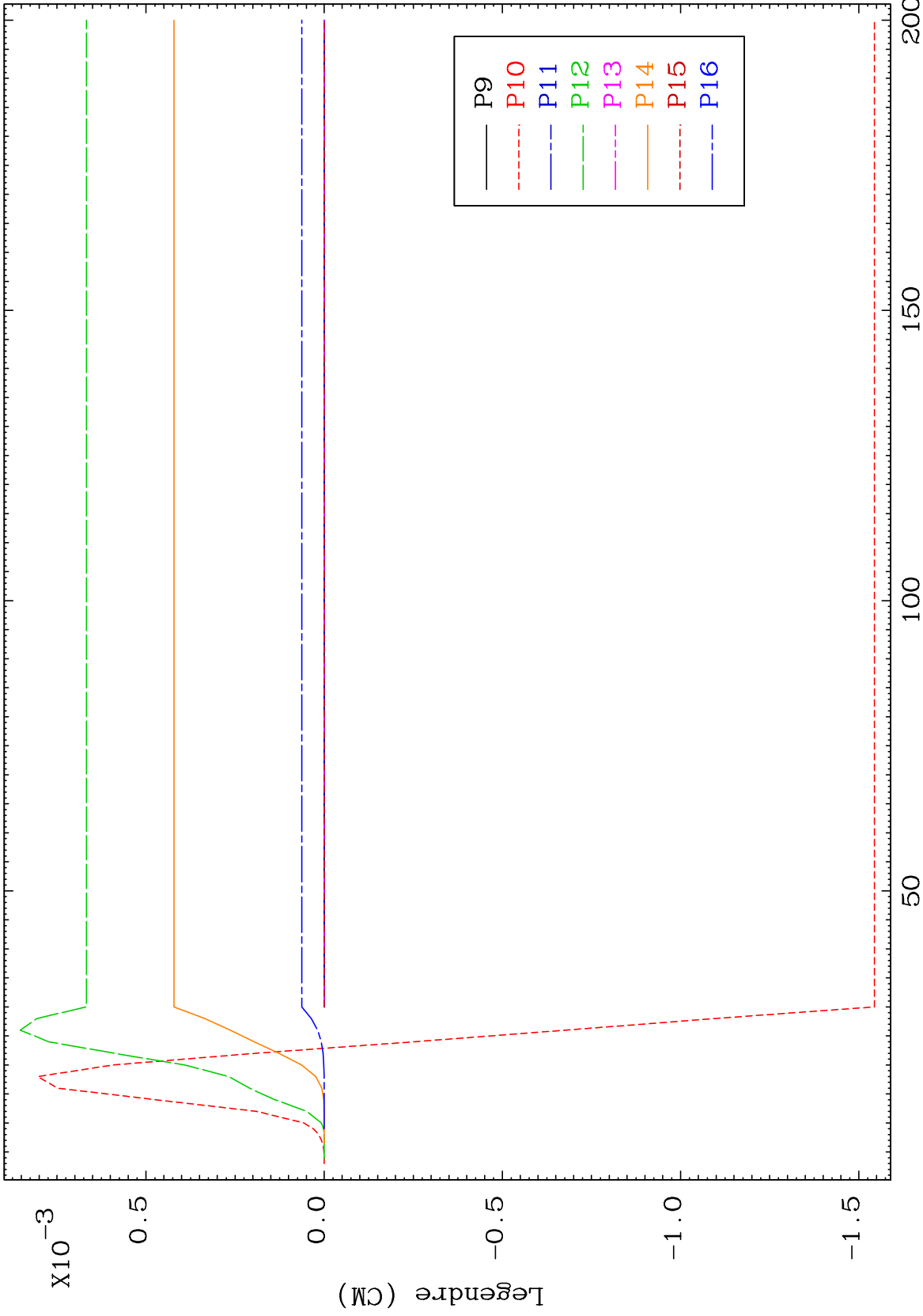


44 34-Se-84

MAT 3455

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

<sup>34</sup>Se-84

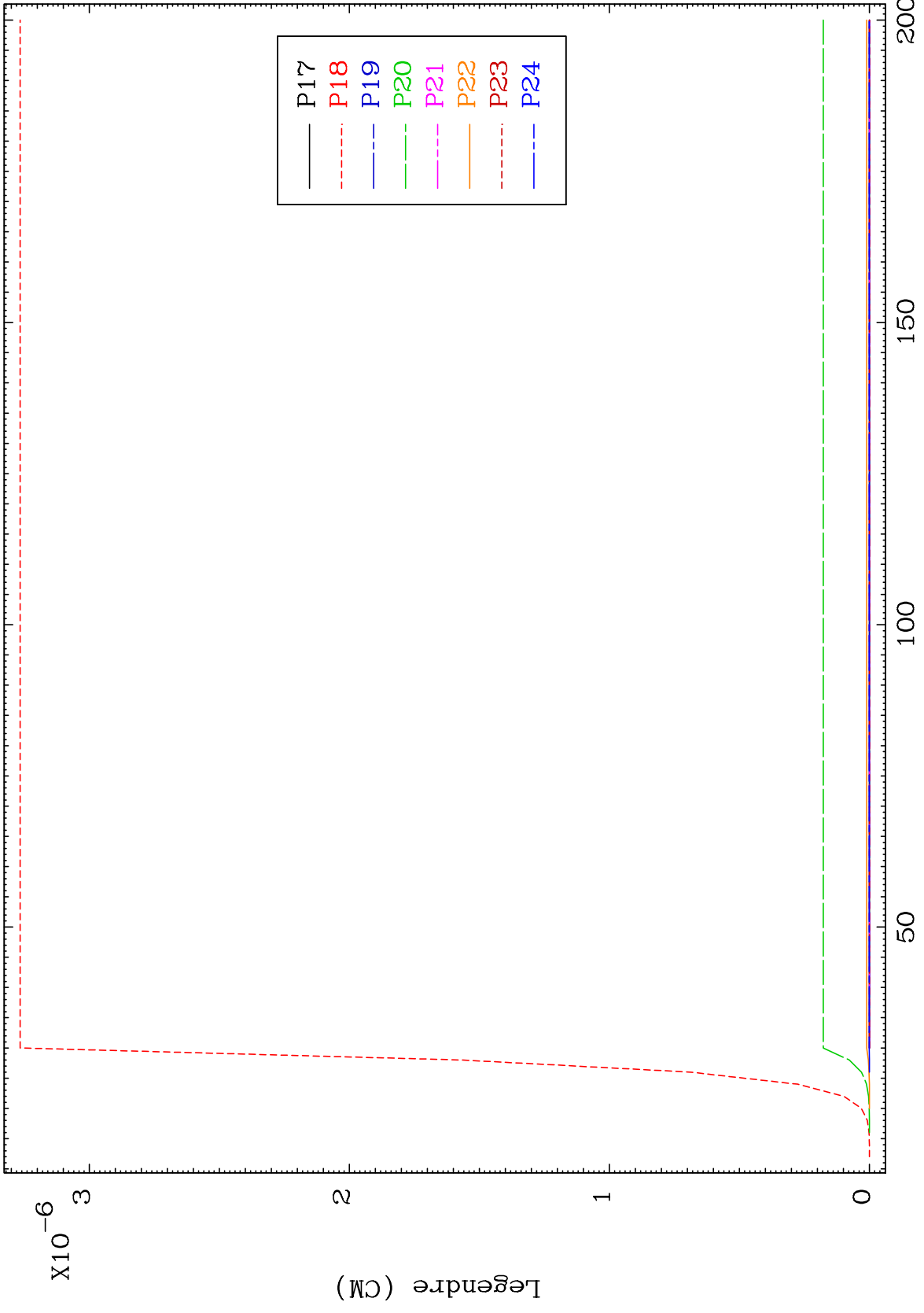


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Incident Energy (MeV)

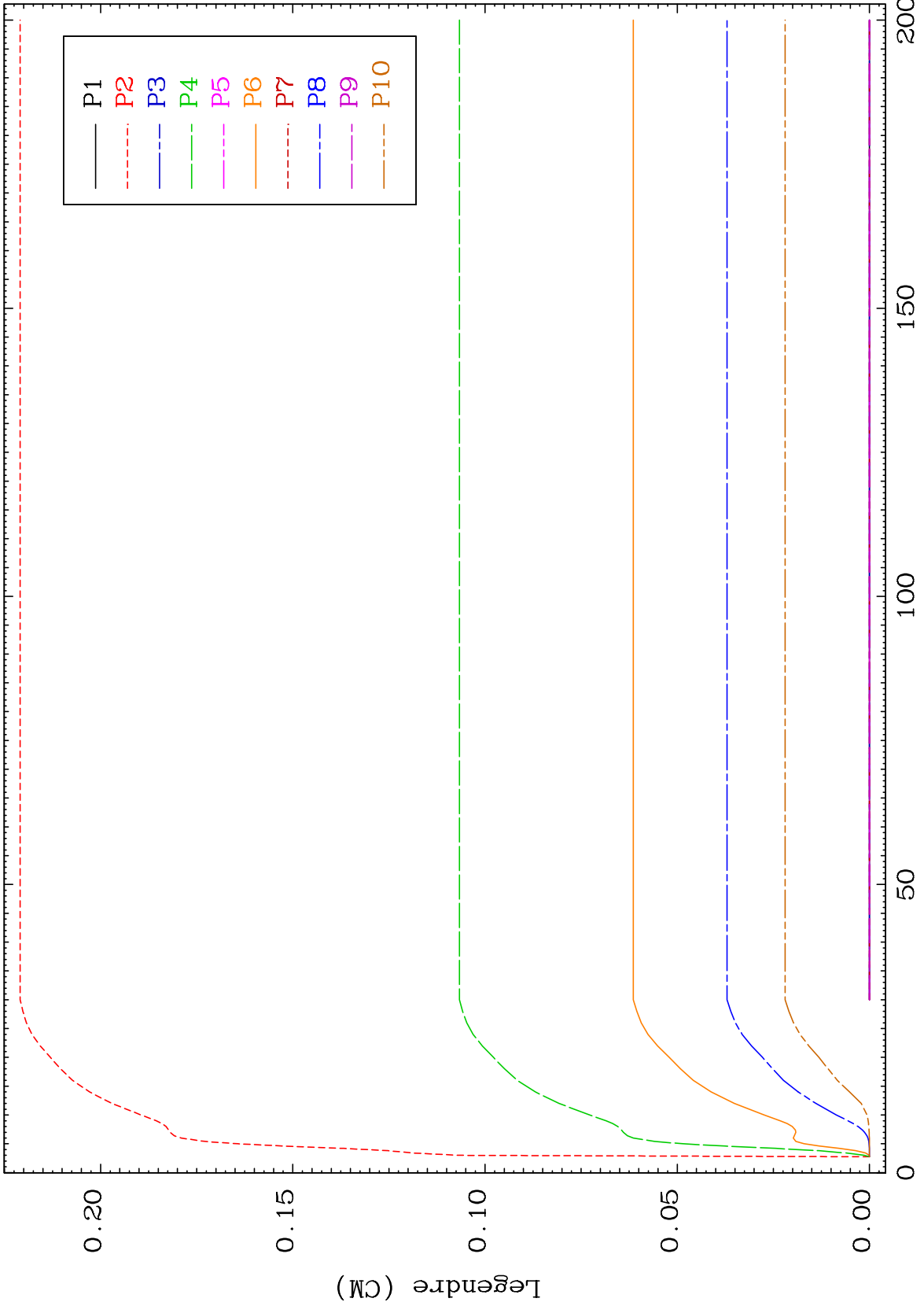
<sup>34</sup>Se-84

MAT 3455 MT= 58 (n,n') Level Legendre Coefficients 34-Se-84



46 Incident Energy (MeV) 200 34-Se-84

MAT 3455 MT= 59 (n,n') Level Legendre Coefficients 34-Se-84

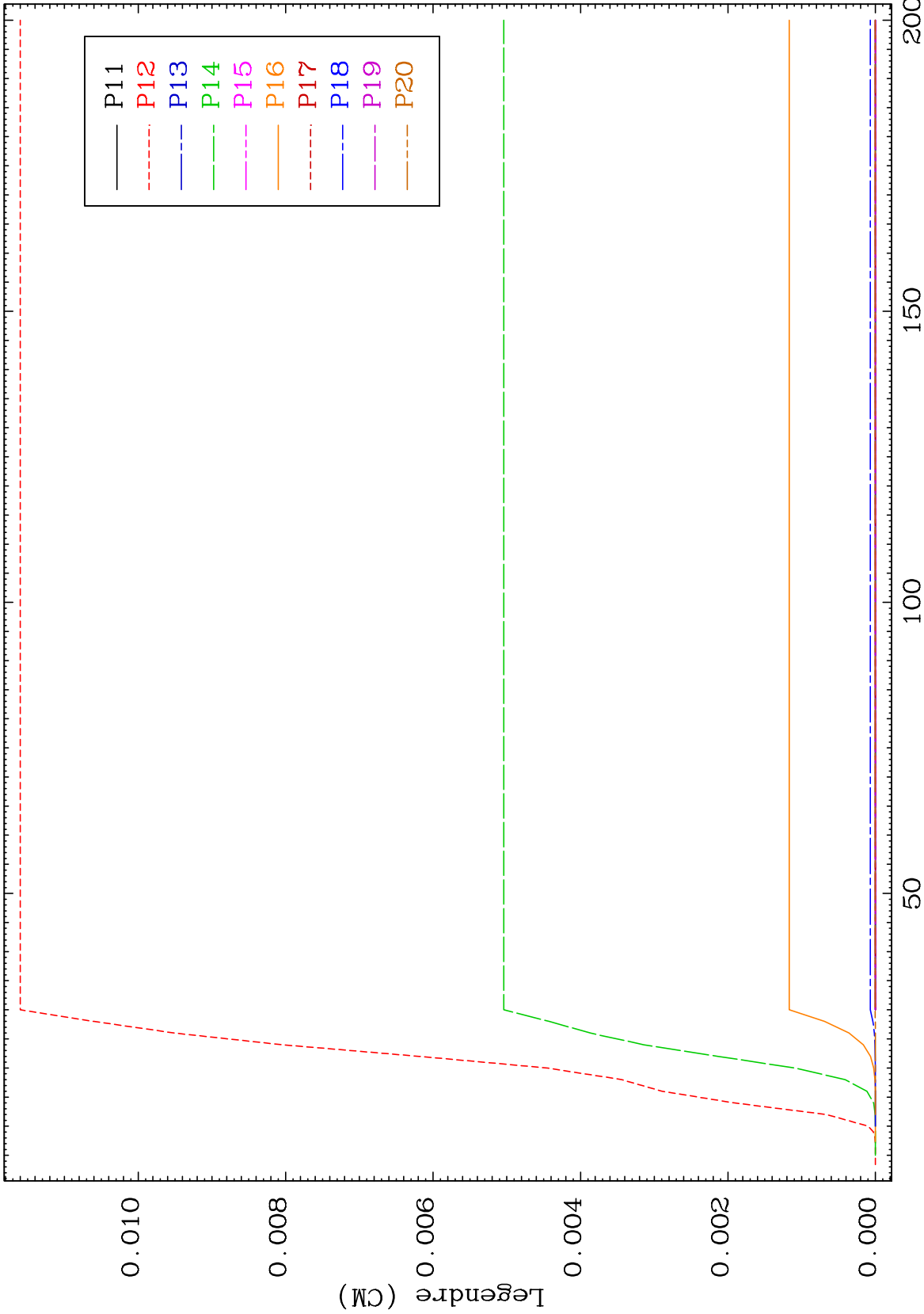


47 34-Se-84

MAT 3455

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

34-Se-84

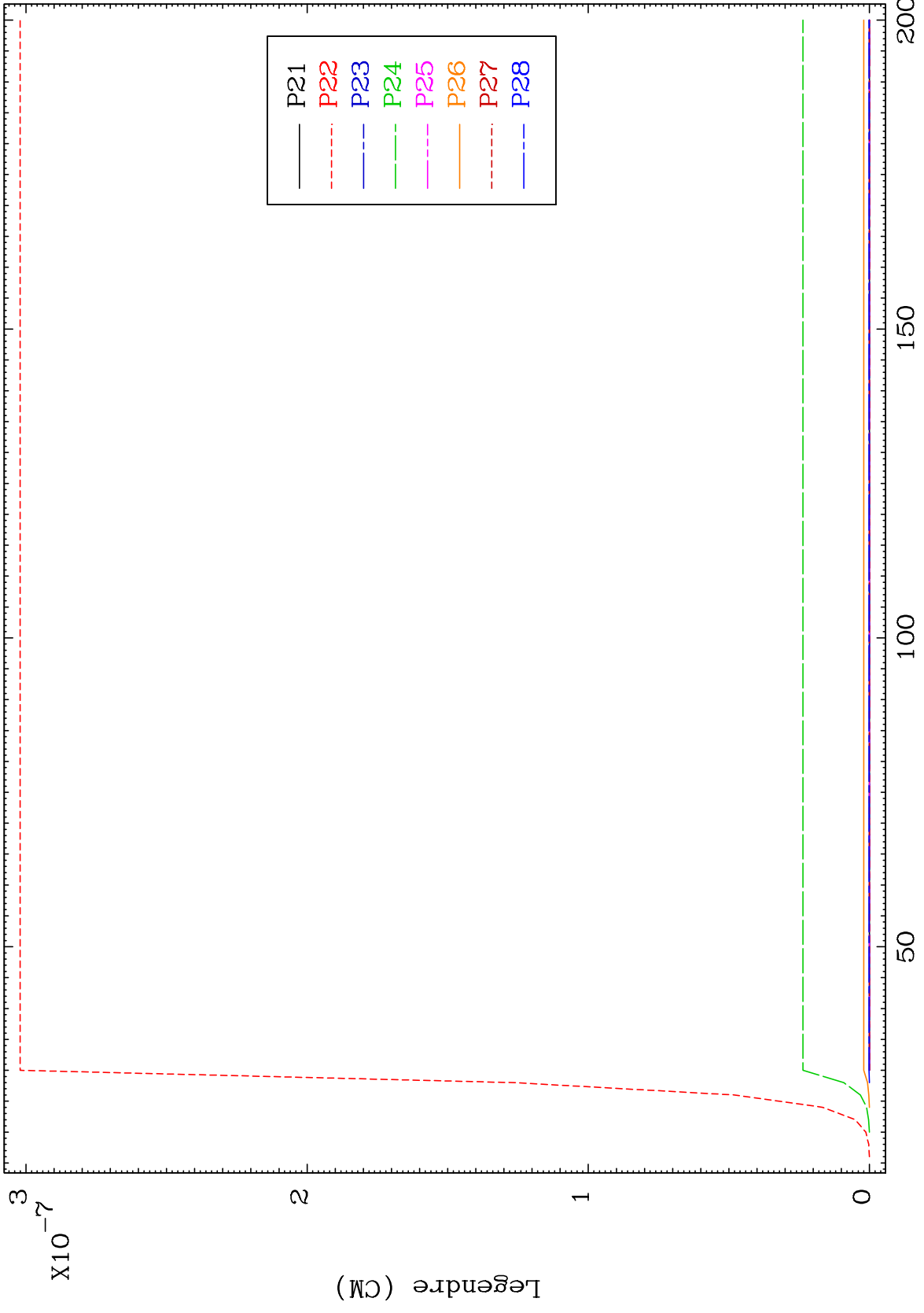


48

Incident Energy (MeV)

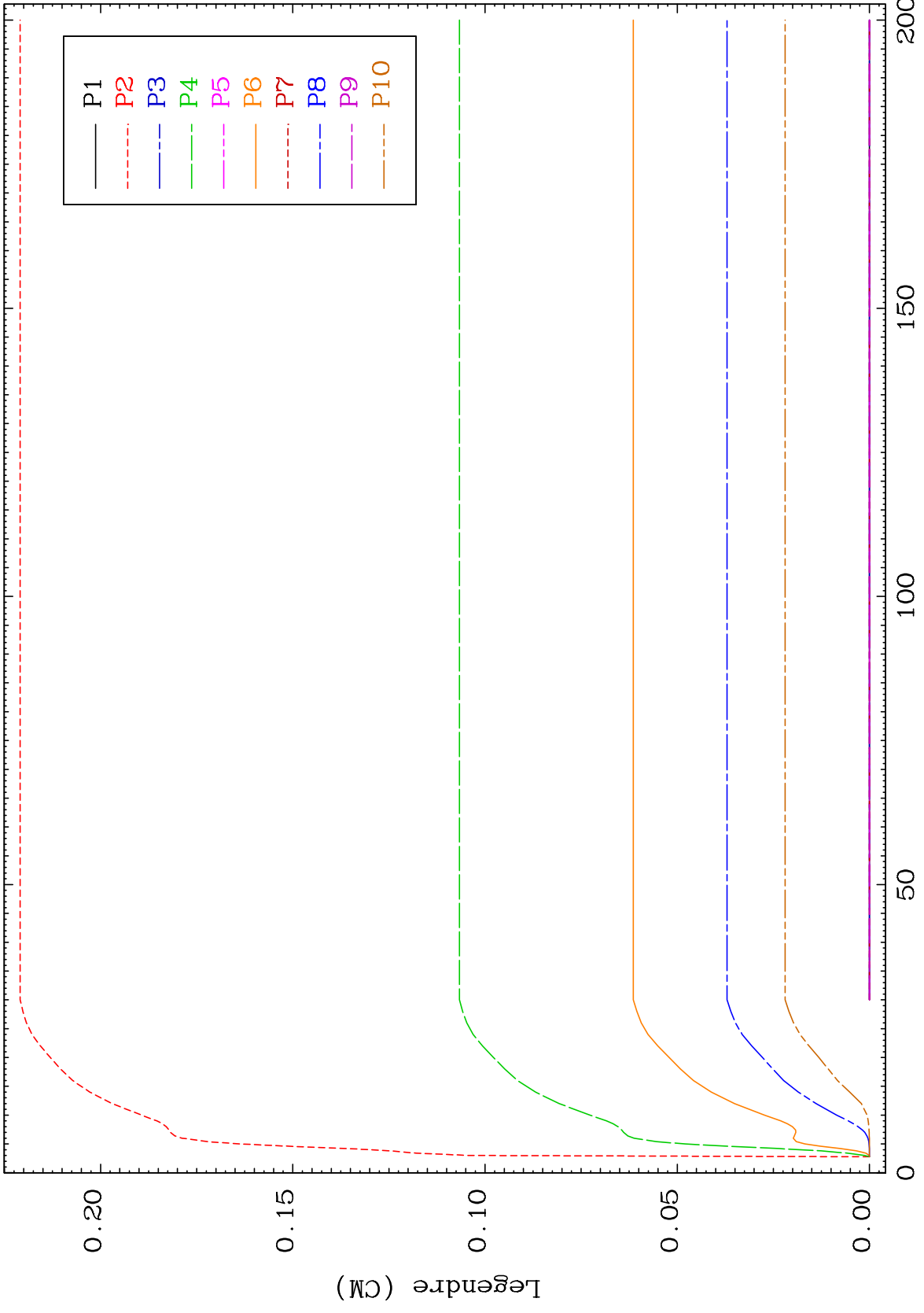
34-Se-84

MAT 3455 MT= 59 (n,n') Level Legendre Coefficients 34-Se-84



49 Incident Energy (MeV) 34-Se-84

MAT 3455 MT= 60 (n,n') Level Legendre Coefficients 34-Se-84

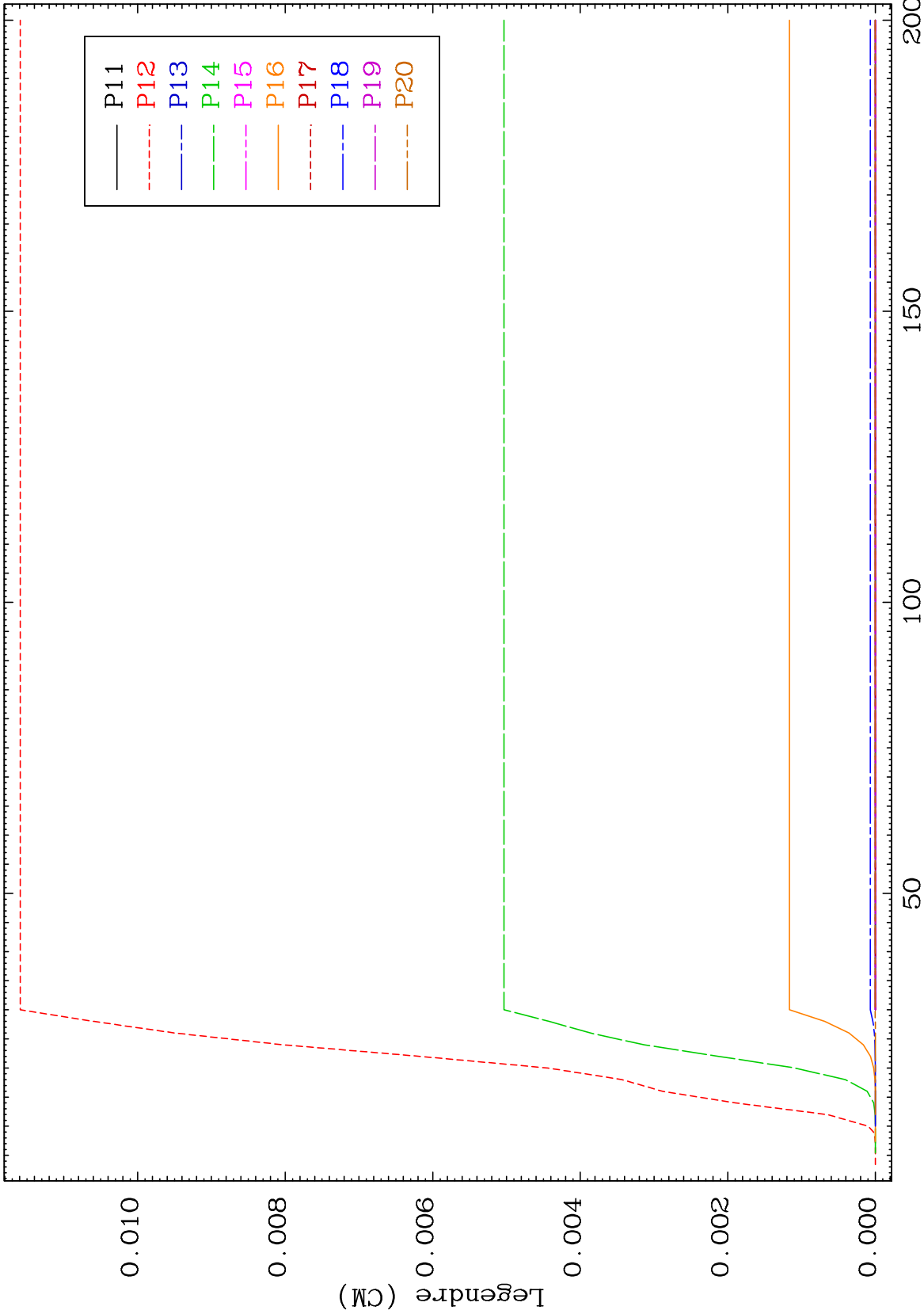


34-Se-84 Incident Energy (MeV)

MAT 3455

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

34-Se-84

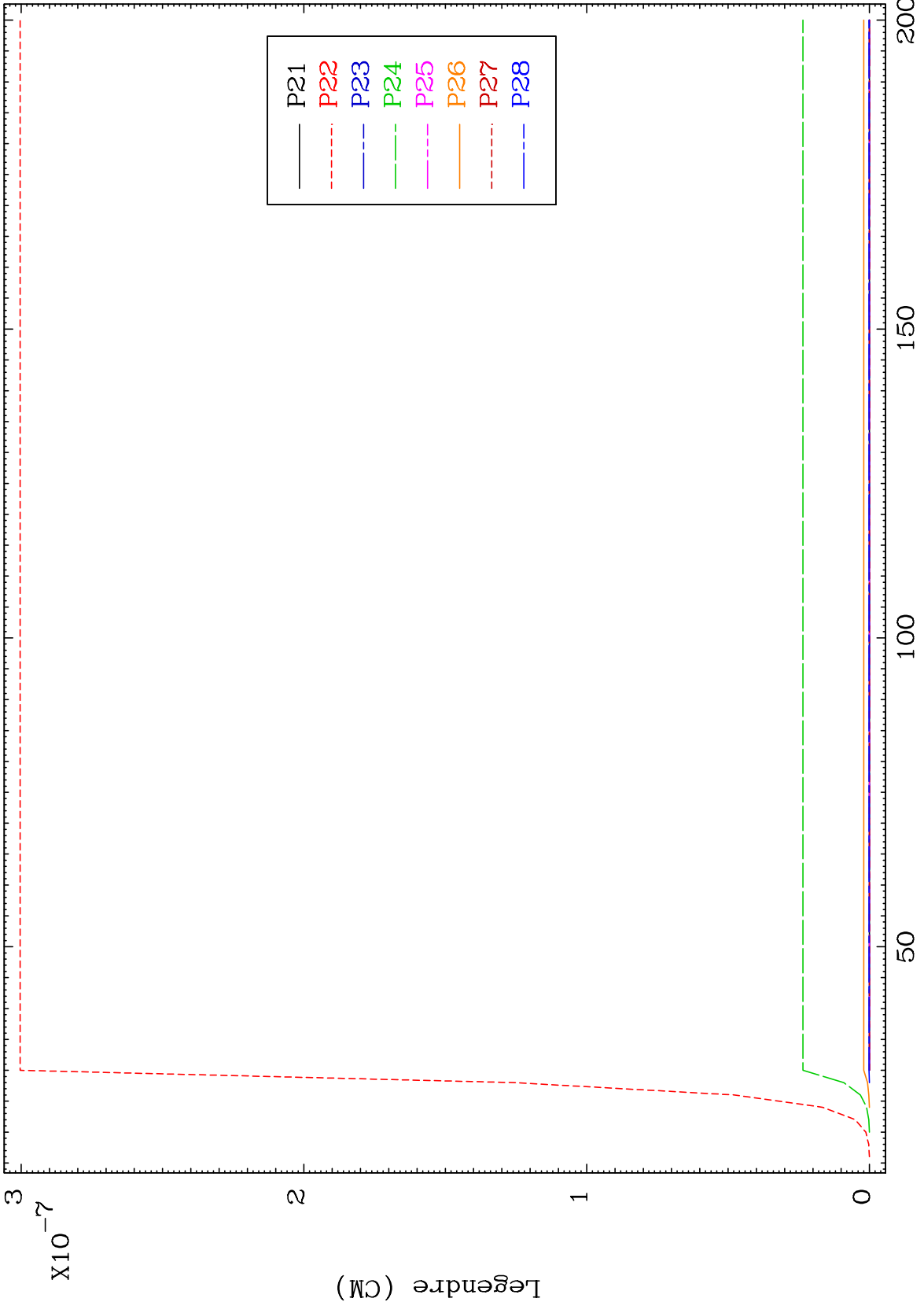


51

Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 60 (n,n') Level Legendre Coefficients 34-Se-84

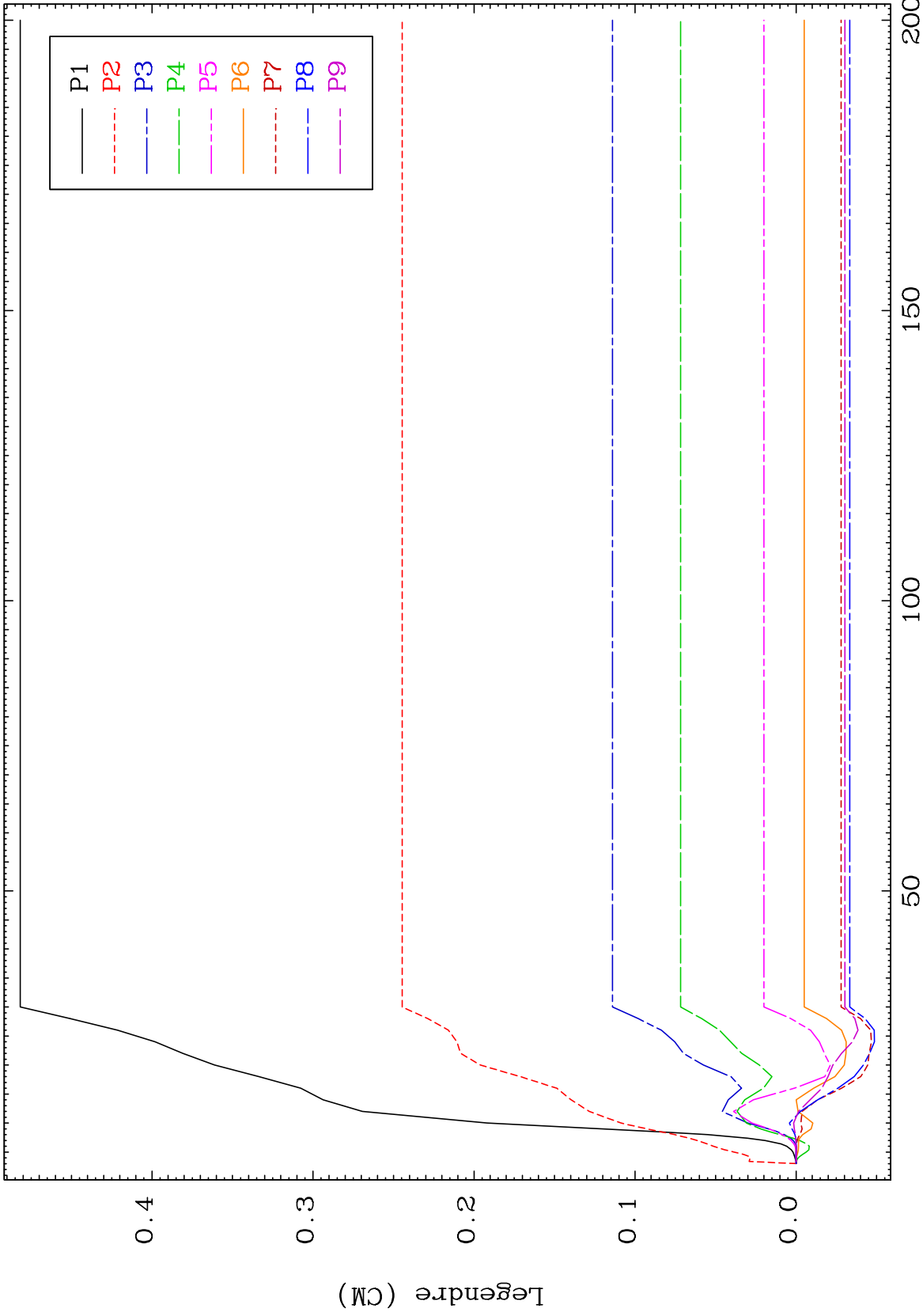


52 34-Se-84

MAT 3455

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

34-Se-84



53

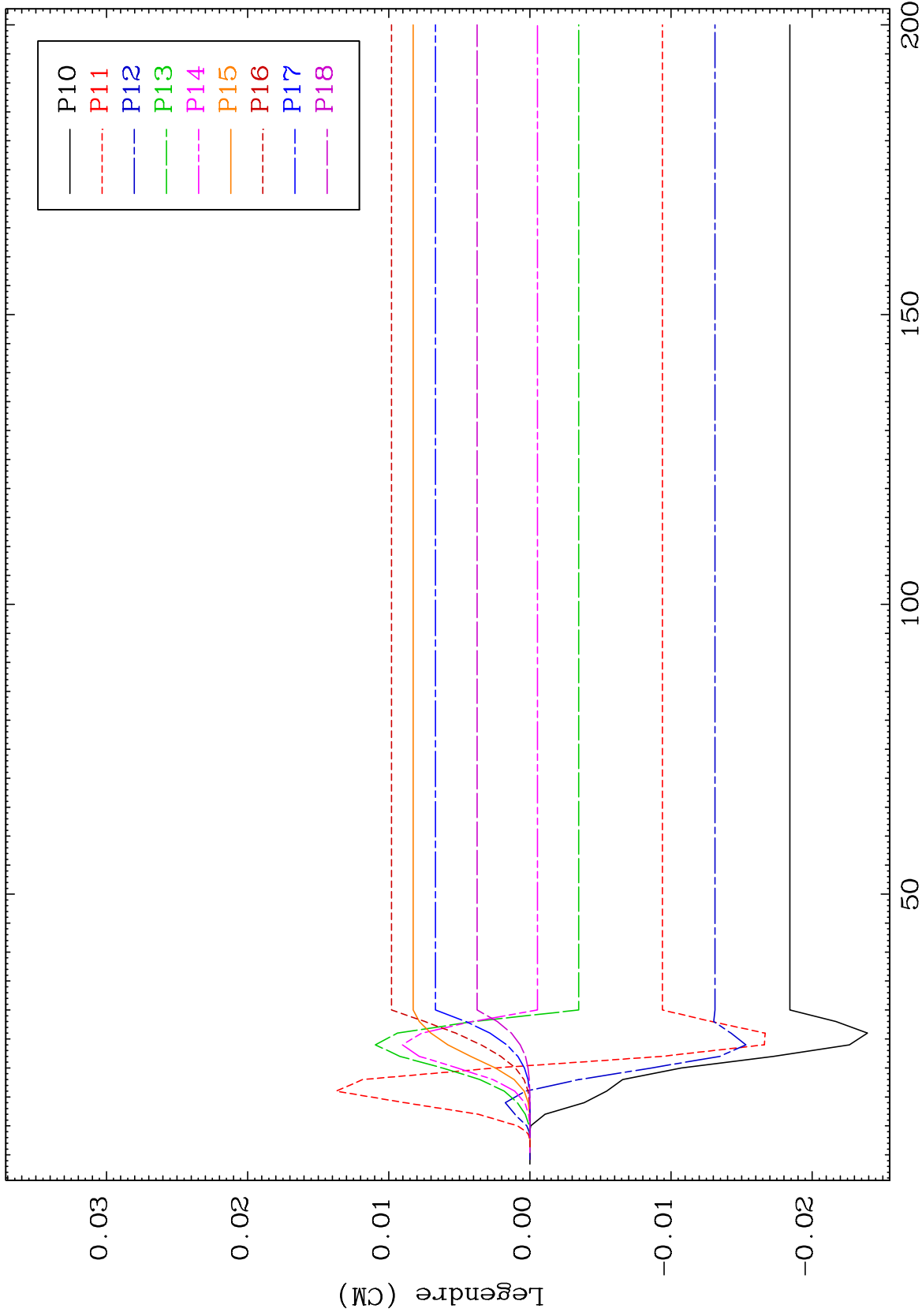
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



54

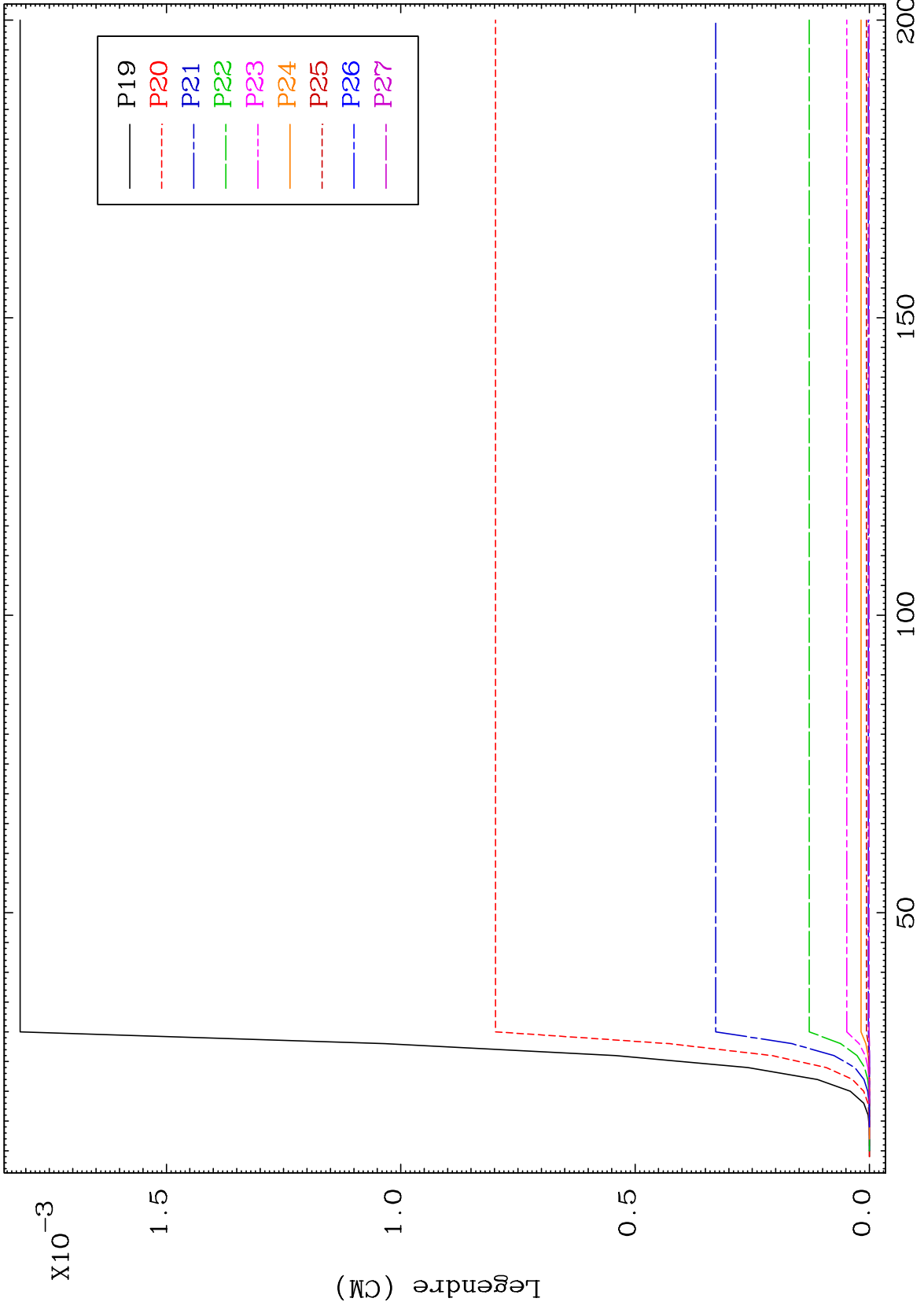
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



55

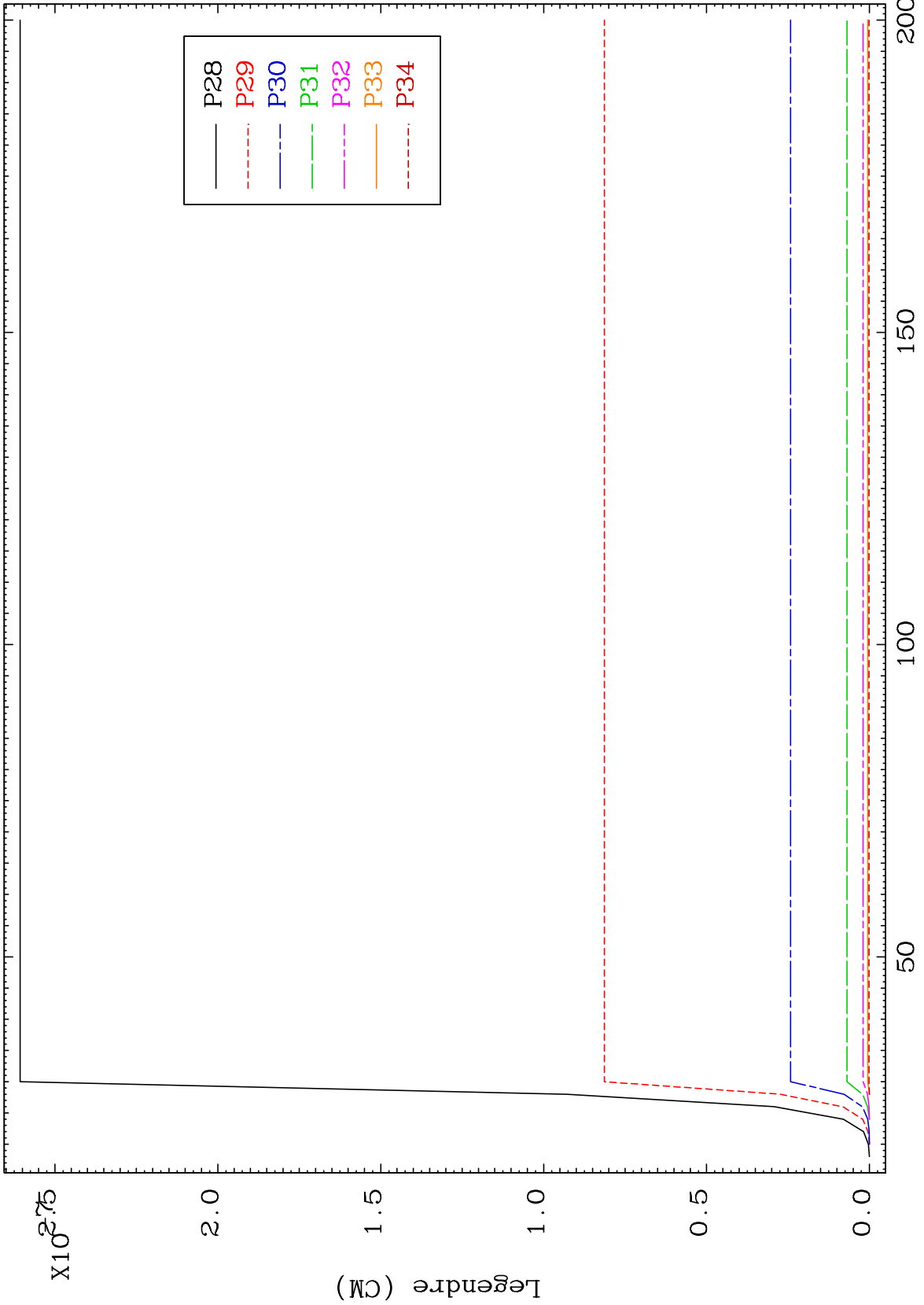
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



56

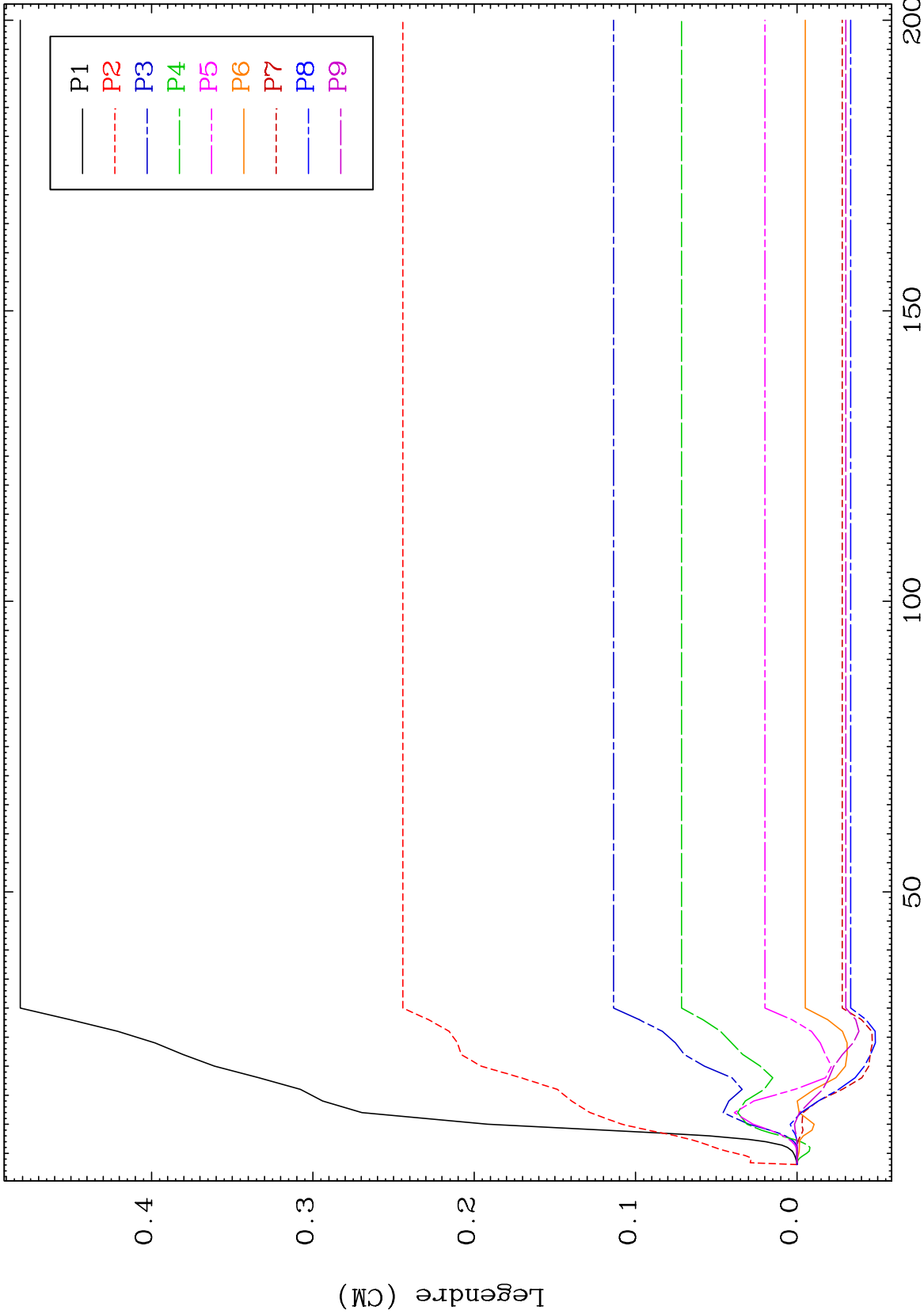
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



57

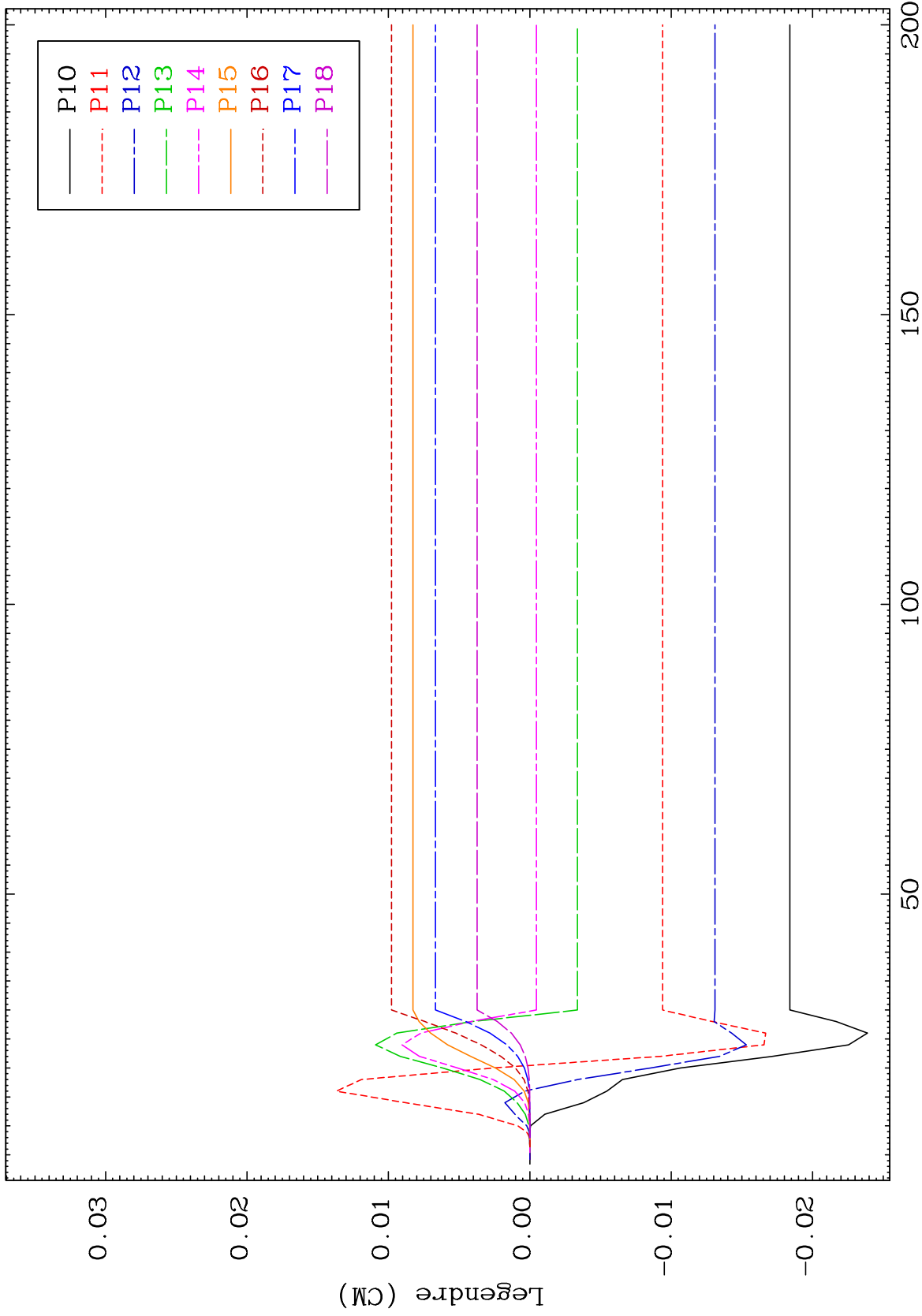
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



58

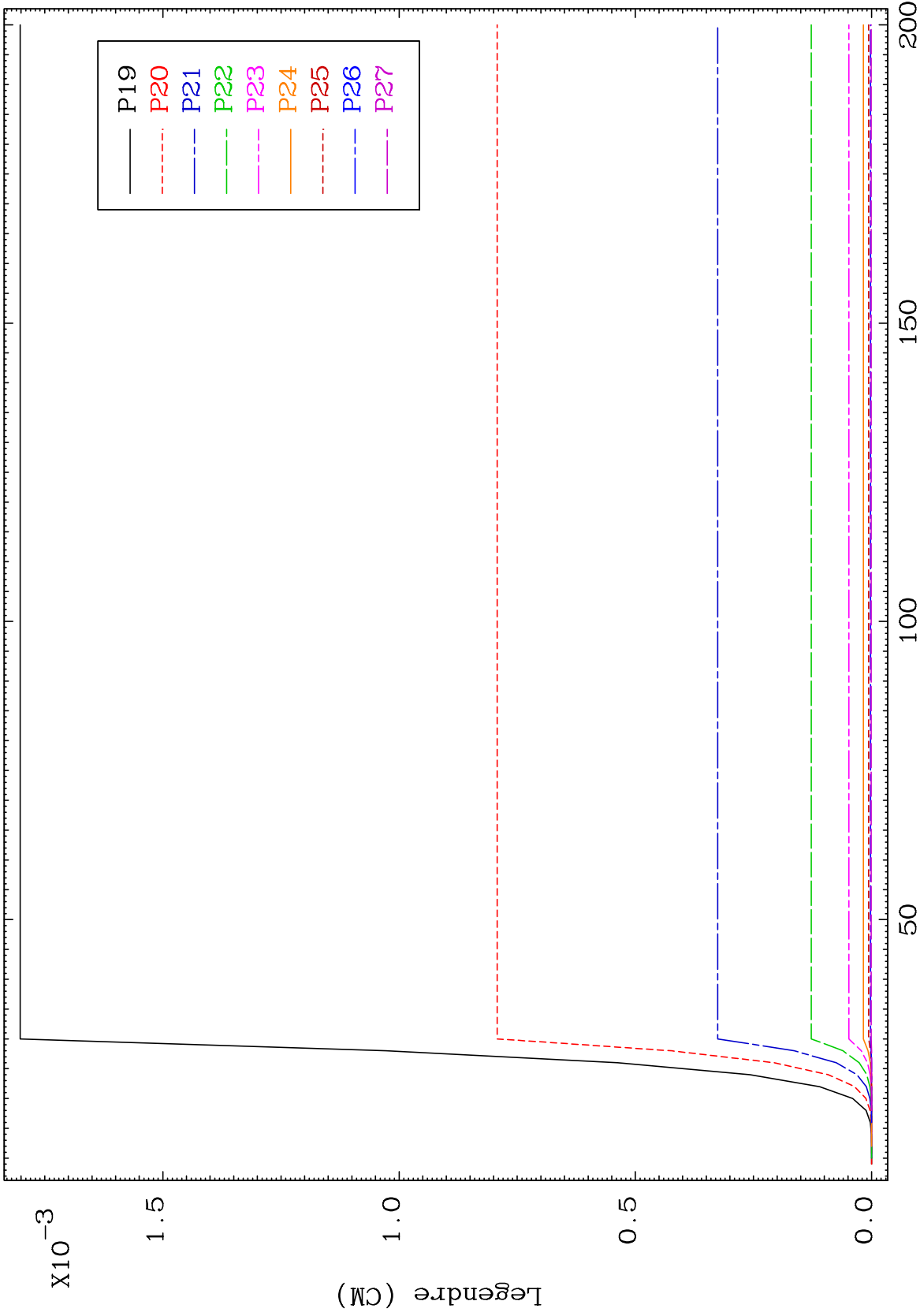
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



59

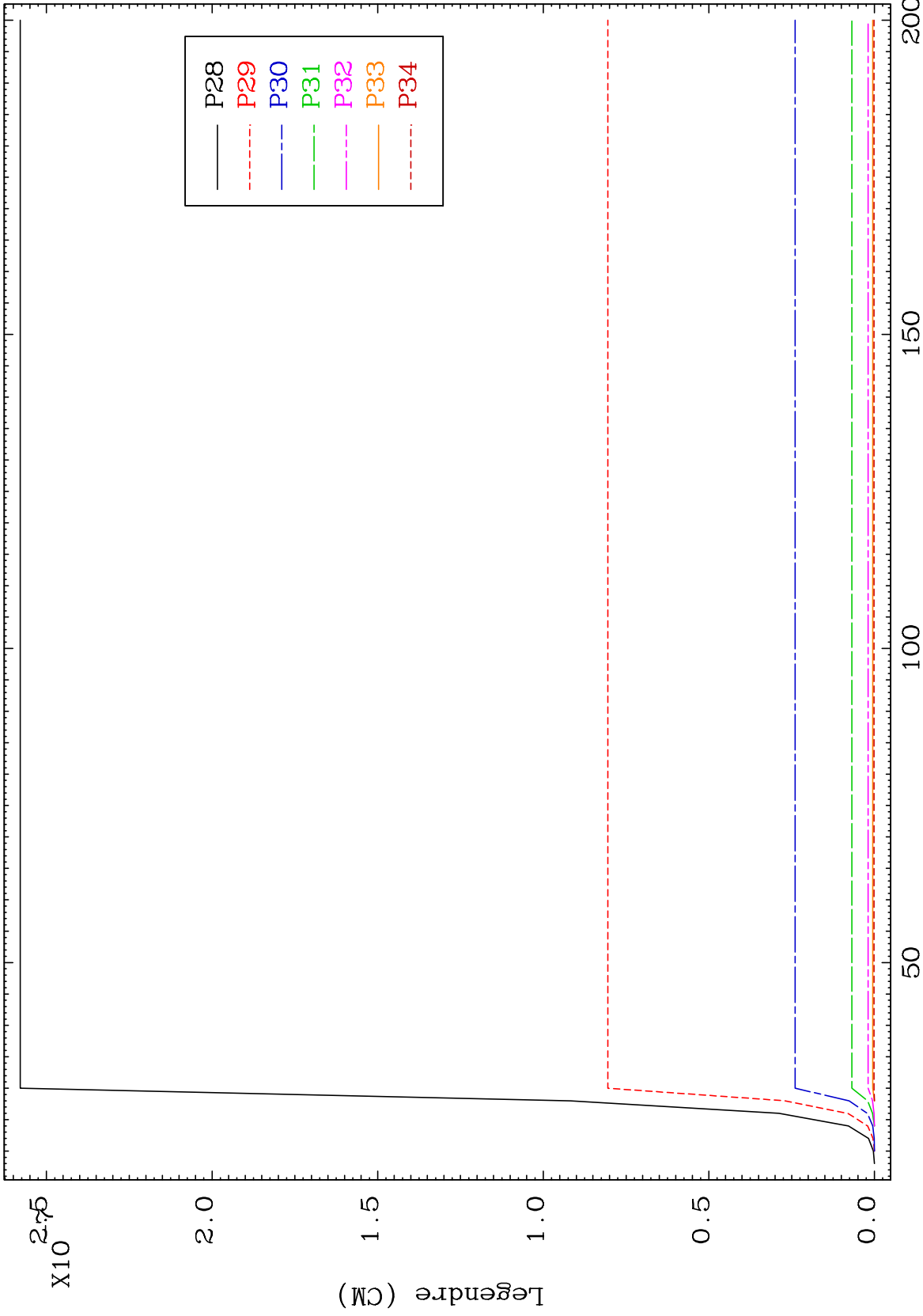
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



60

Incident Energy (MeV)

50

100

150

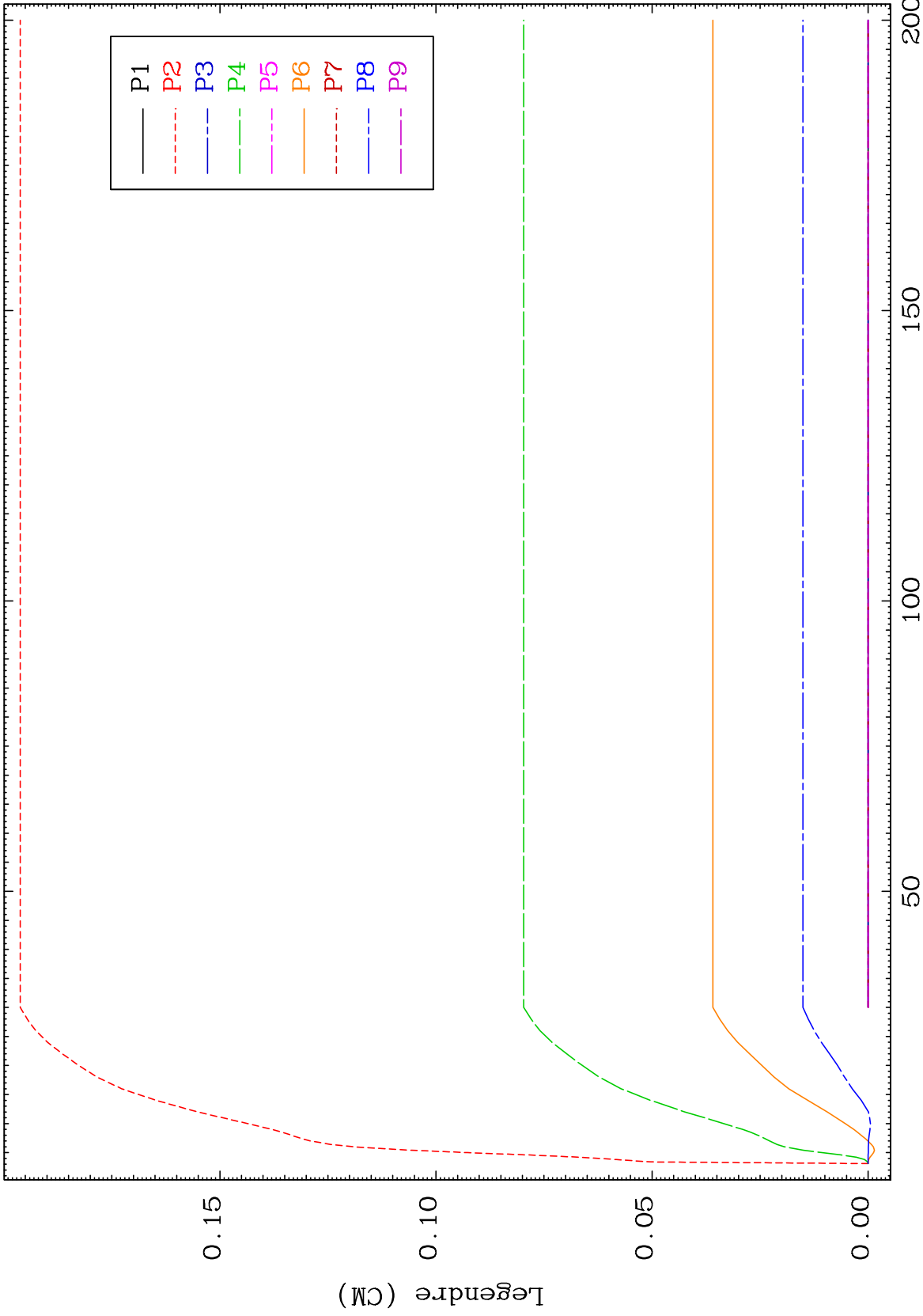
200

34-Se-84

MAT 3455

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

34-Se-84



61

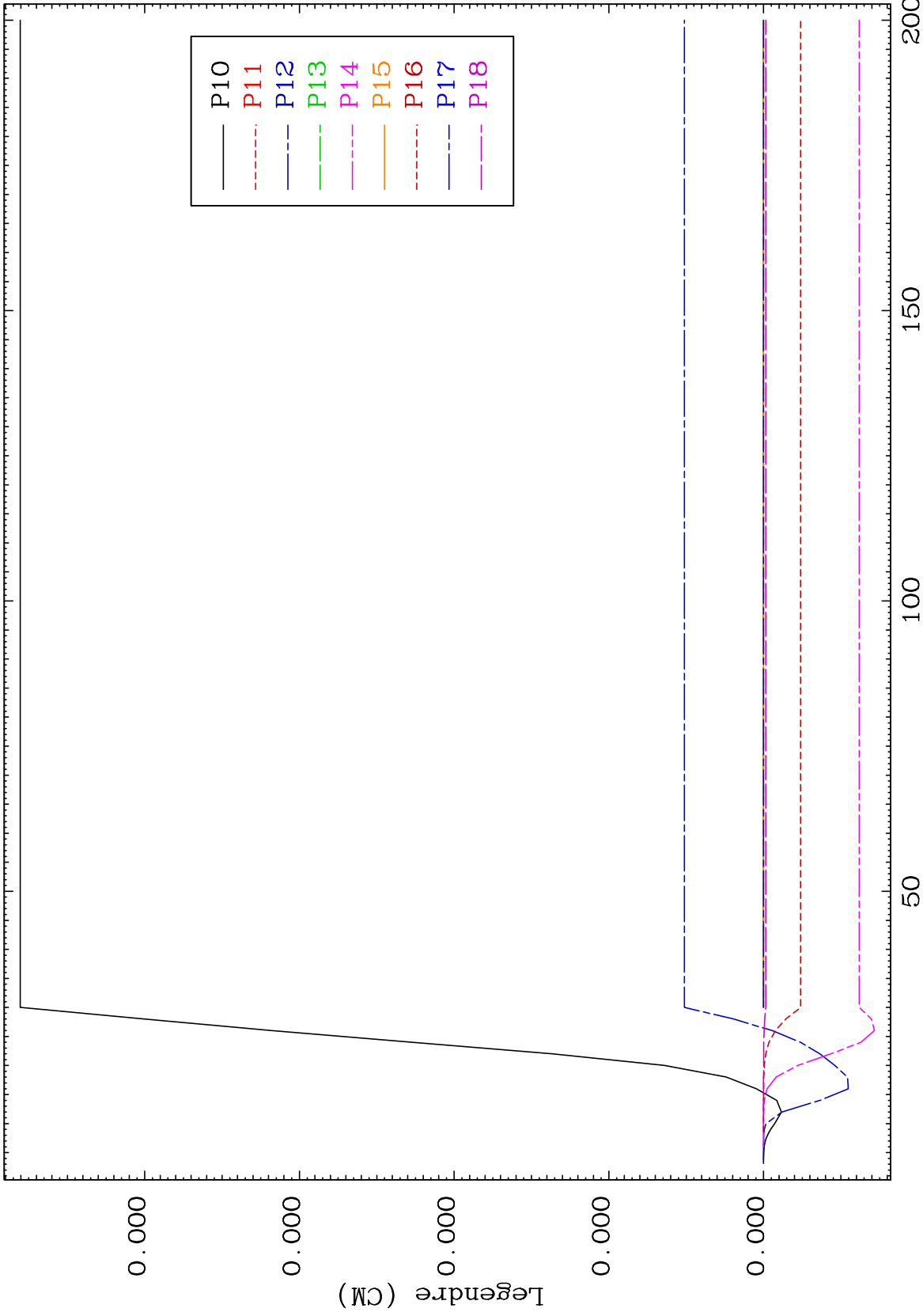
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

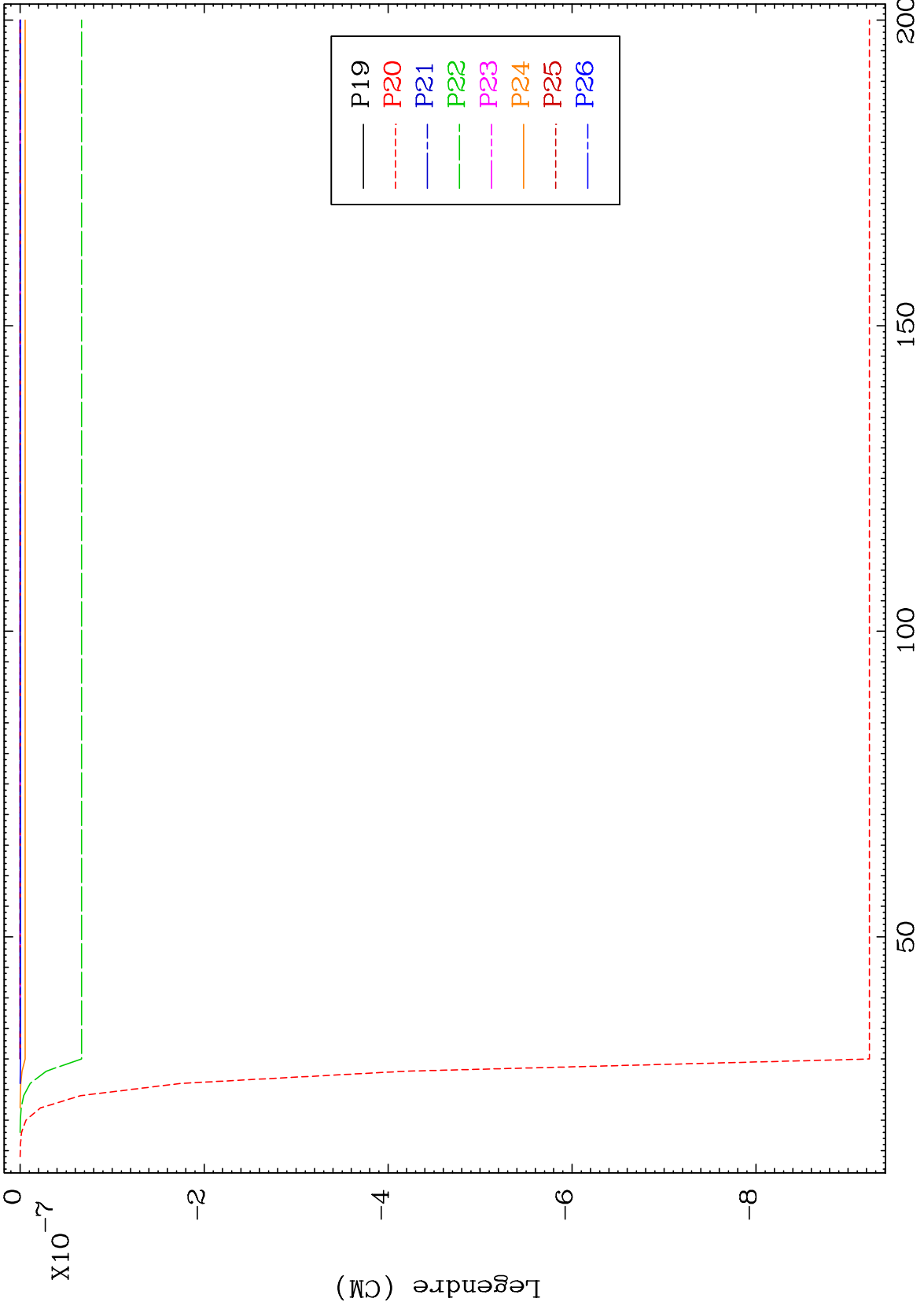


62

Incident Energy (MeV)

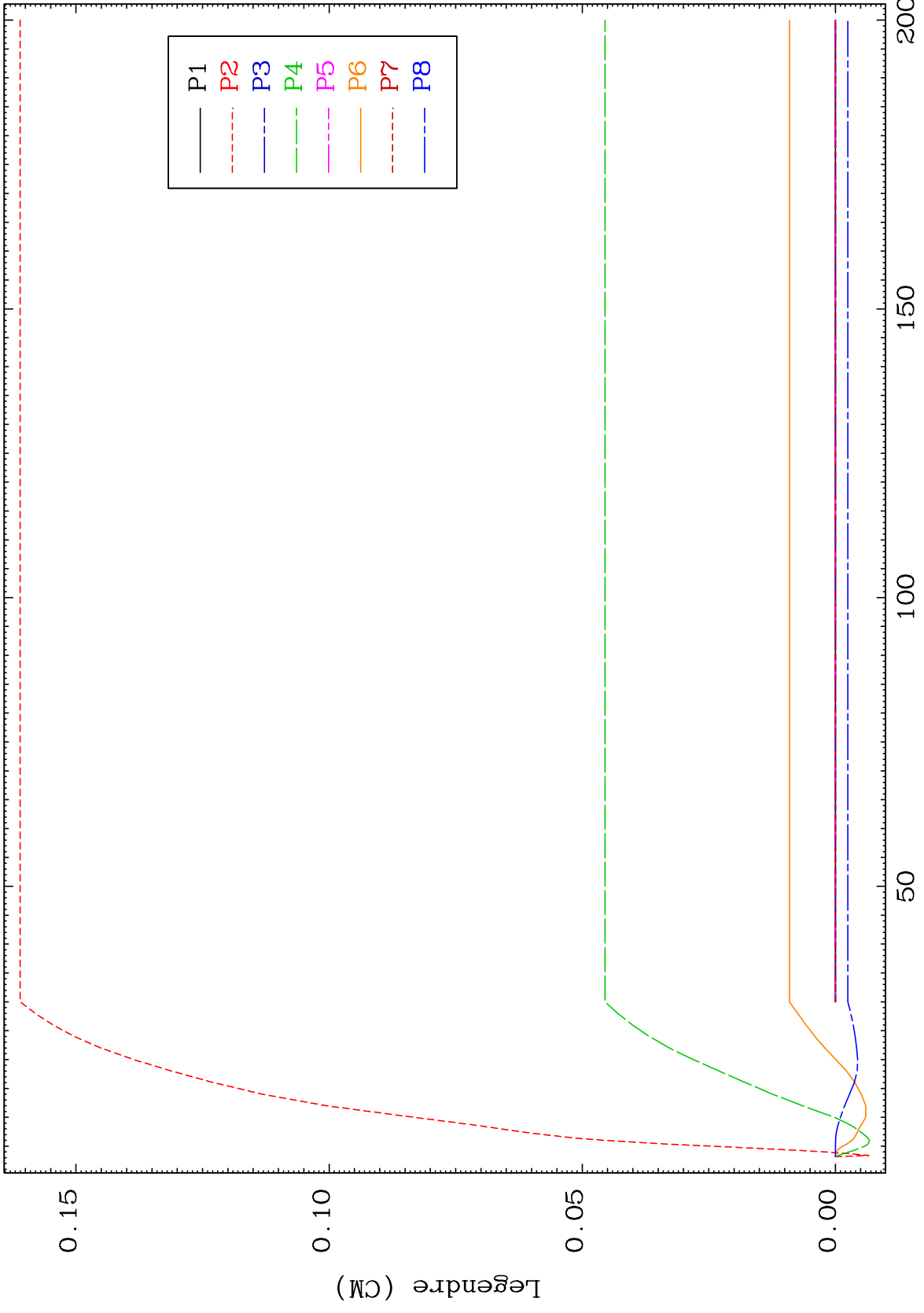
34-Se-84

MAT 3455 MT= 63 (n,n') Level Legendre Coefficients 34-Se-84



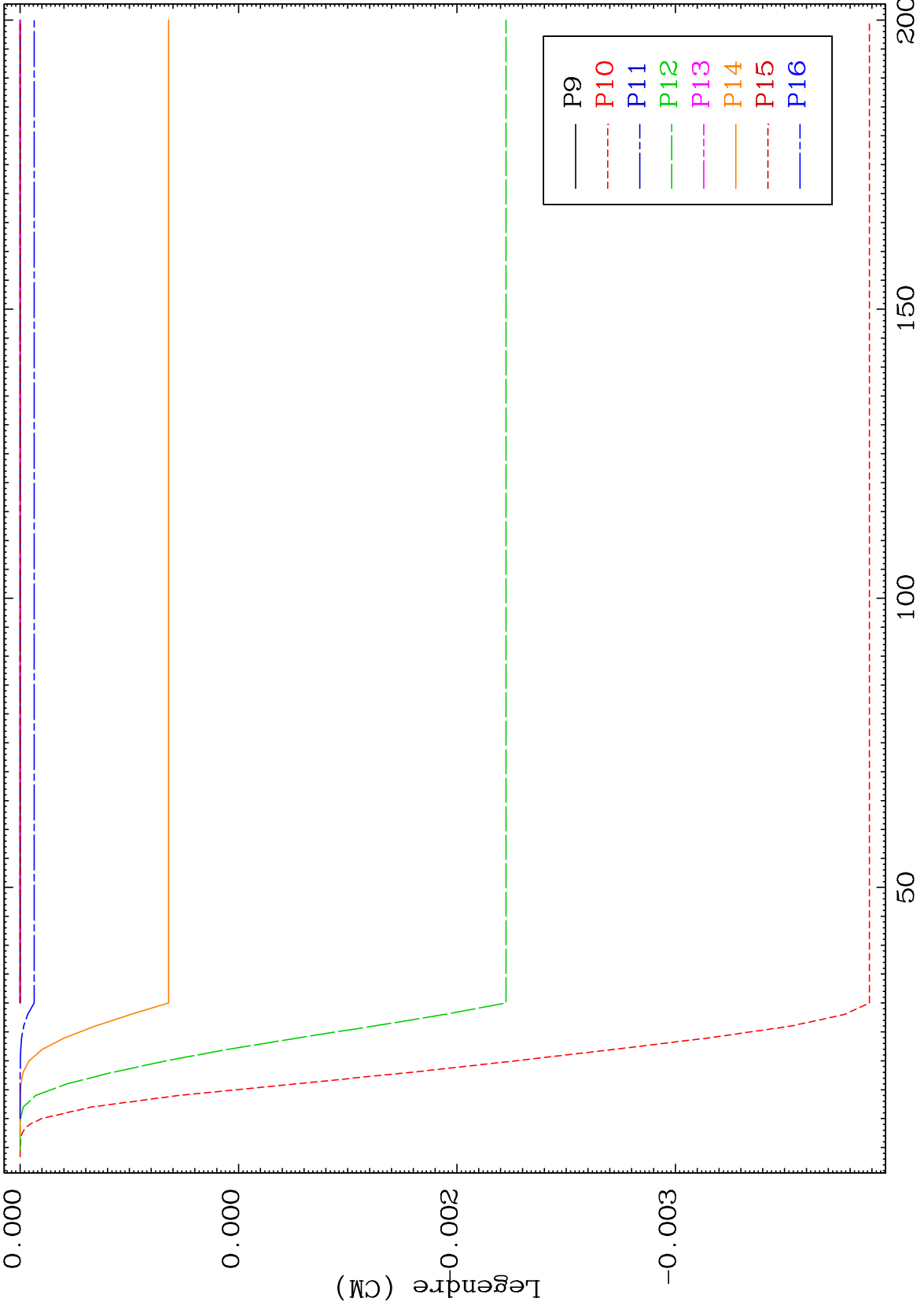
63 34-Se-84

MAT 3455 MT= 64 (n,n') Level Legendre Coefficients 34-Se-84



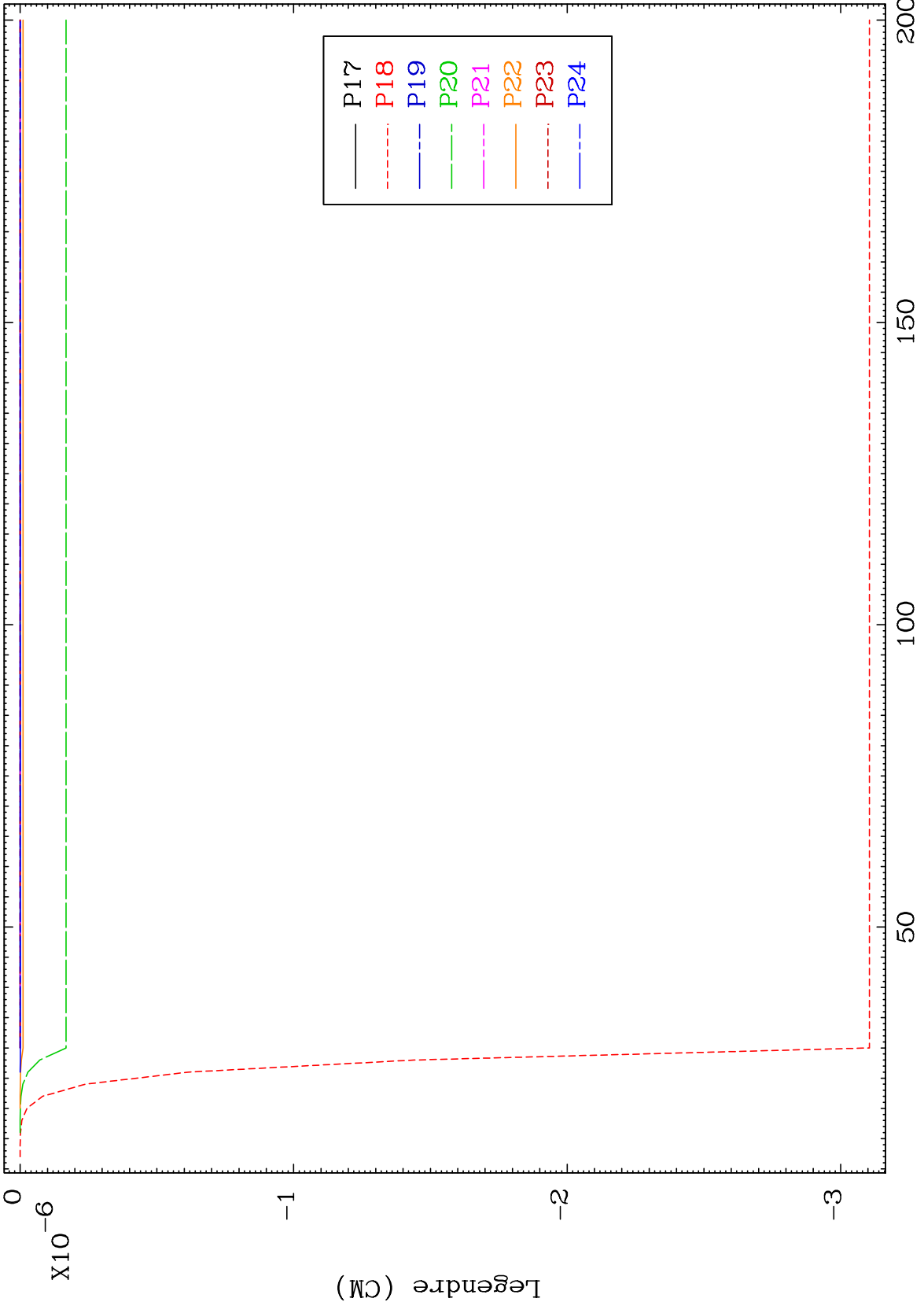
64 Incident Energy (MeV) 34-Se-84

MAT 3455 MT= 64 (n,n') Level Legendre Coefficients 34-Se-84



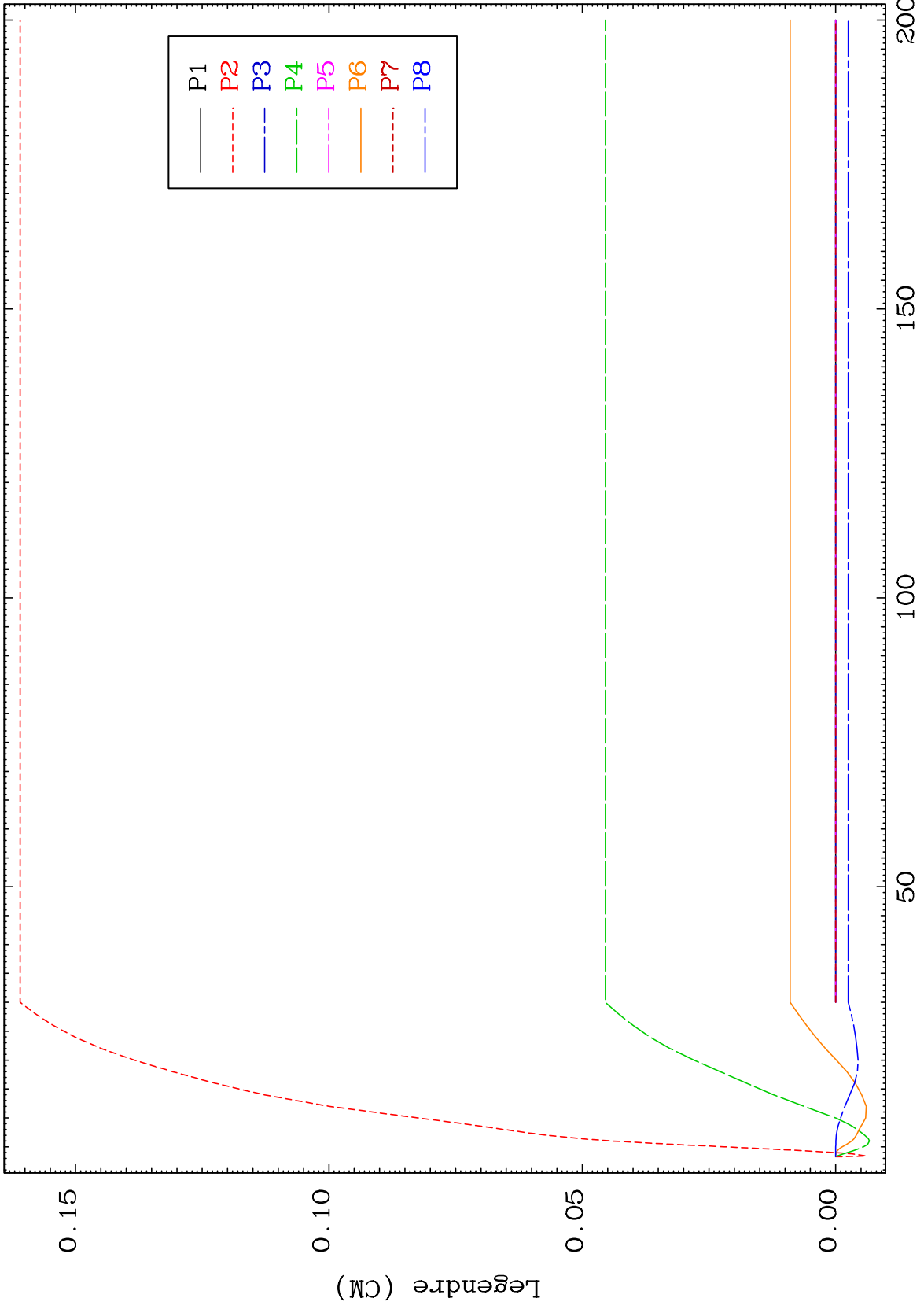
65 34-Se-84

MAT 3455 MT= 64 (n,n') Level Legendre Coefficients 34-Se-84



66 34-Se-84

MAT 3455 MT= 65 (n,n') Level Legendre Coefficients 34-Se-84

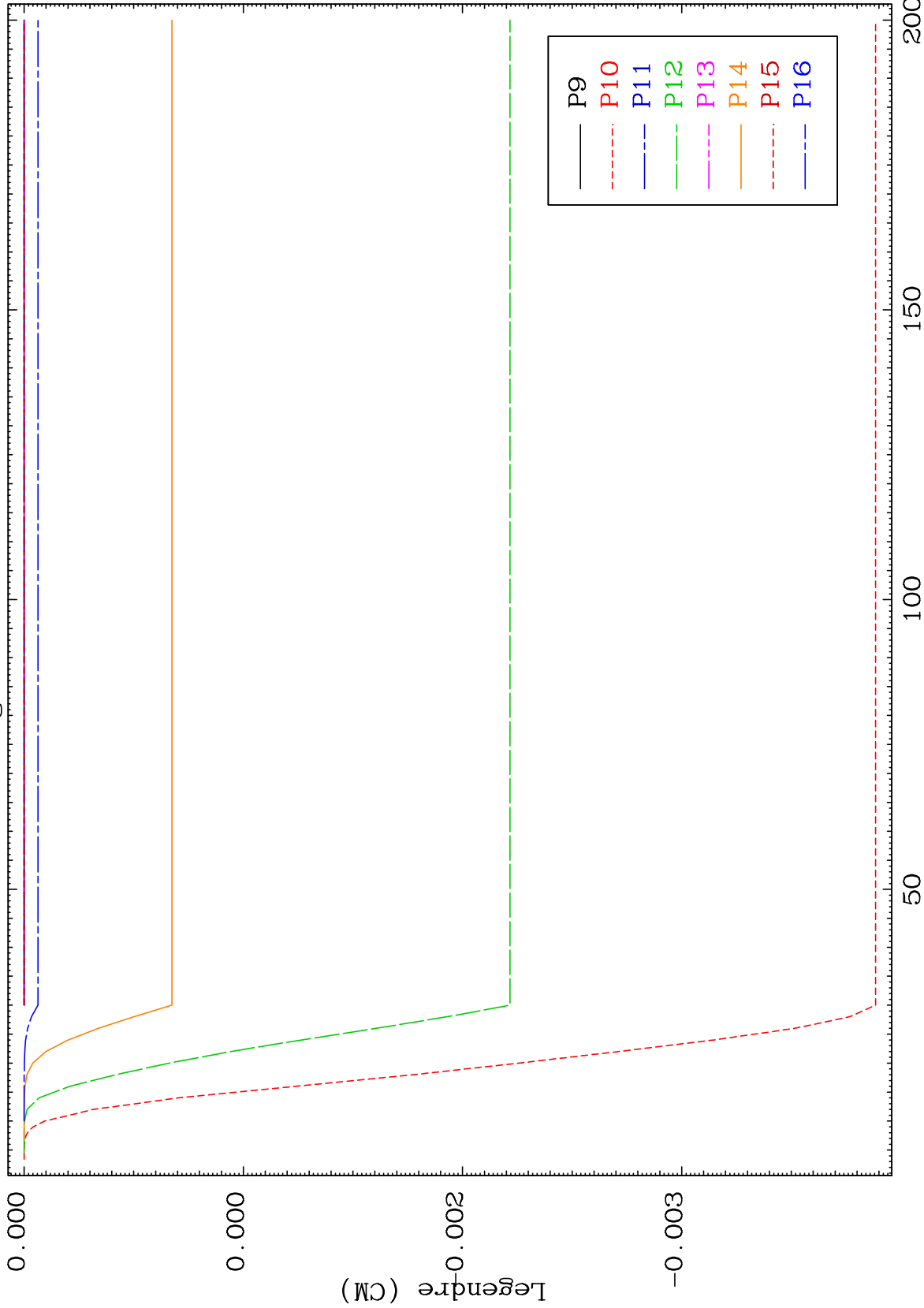


67 Incident Energy (MeV) 34-Se-84

MAT 3455

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

34-Se-84



68

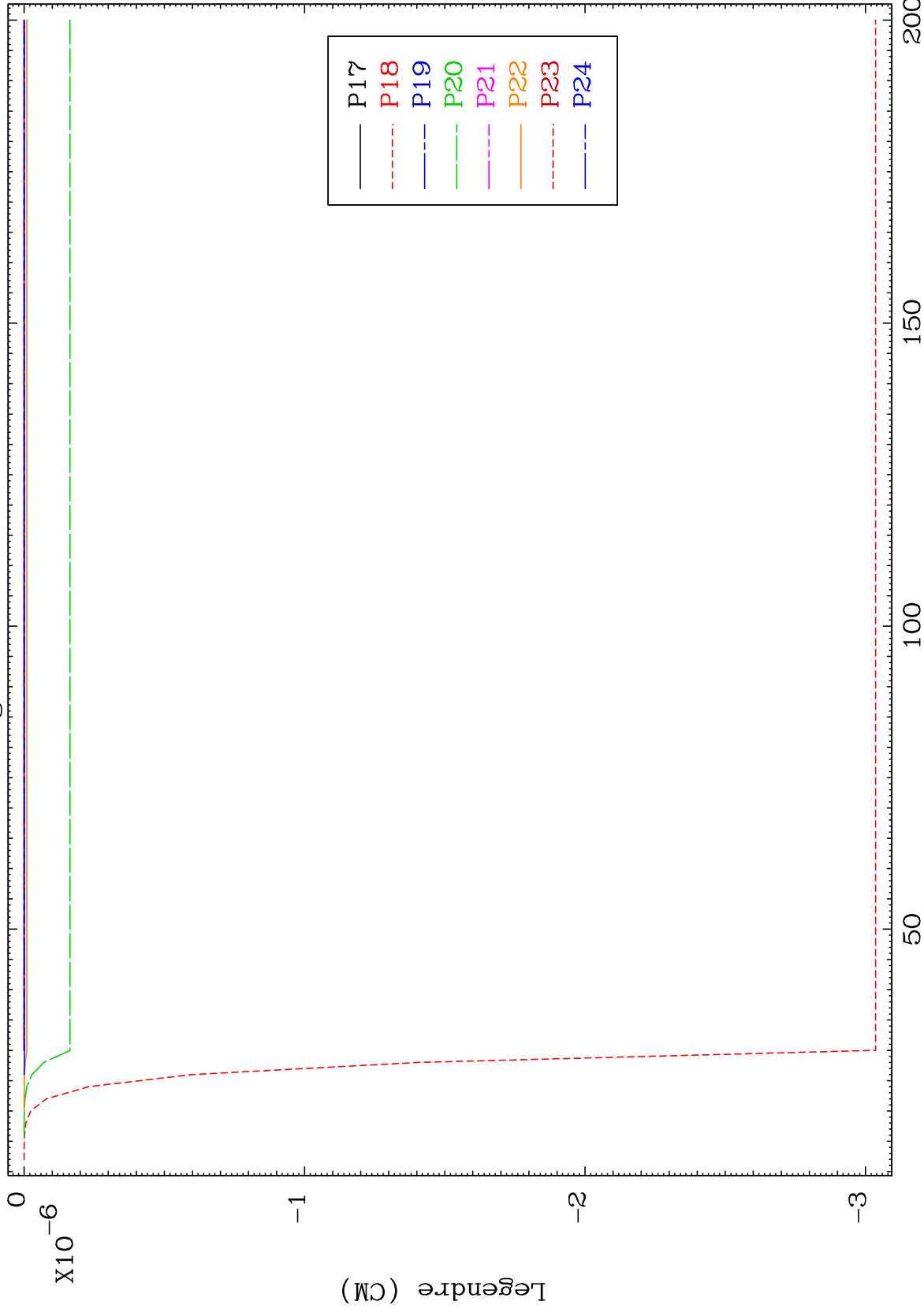
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

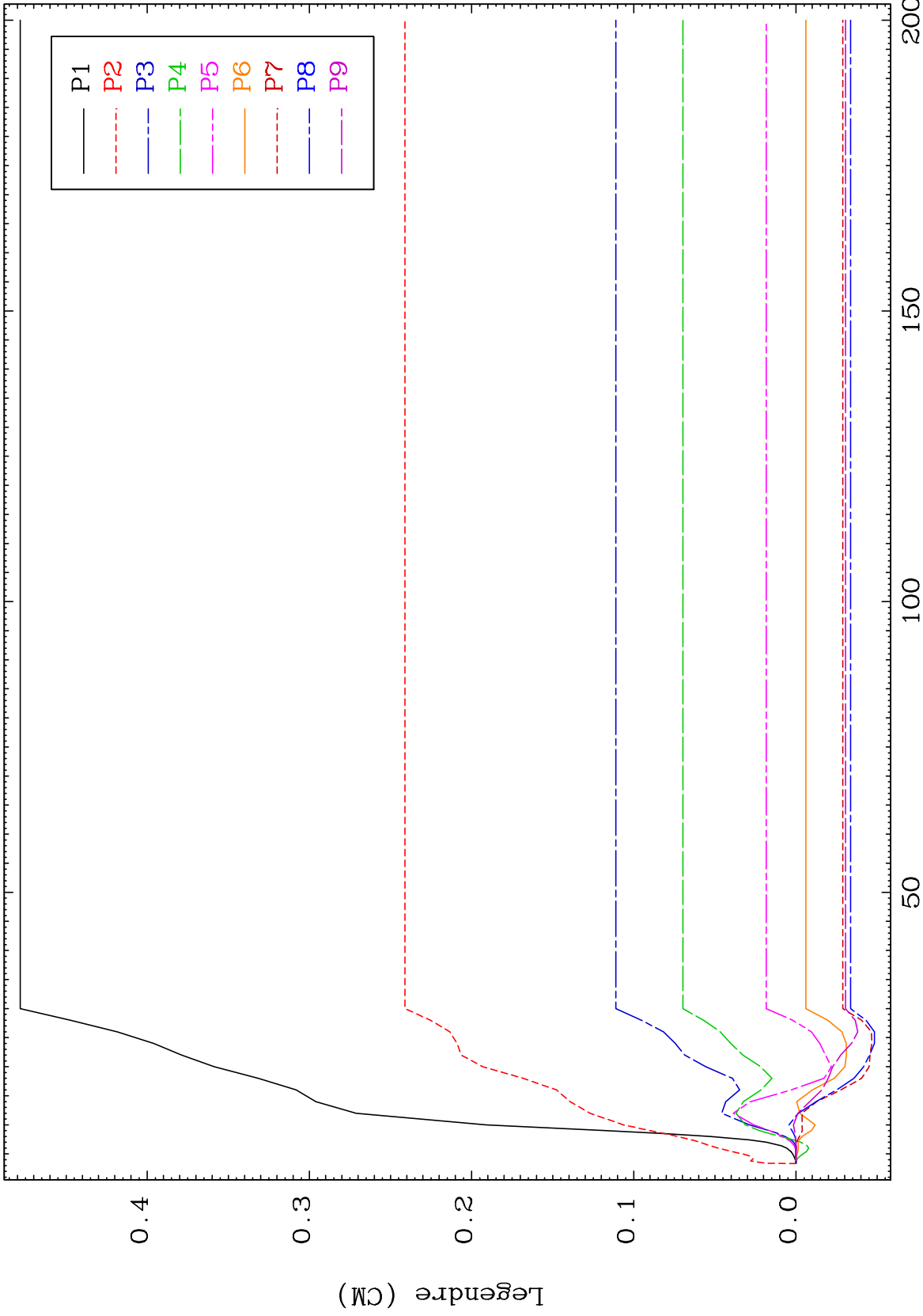
Incident Energy (MeV)

69

MAT 3455

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

34-Se-84



70

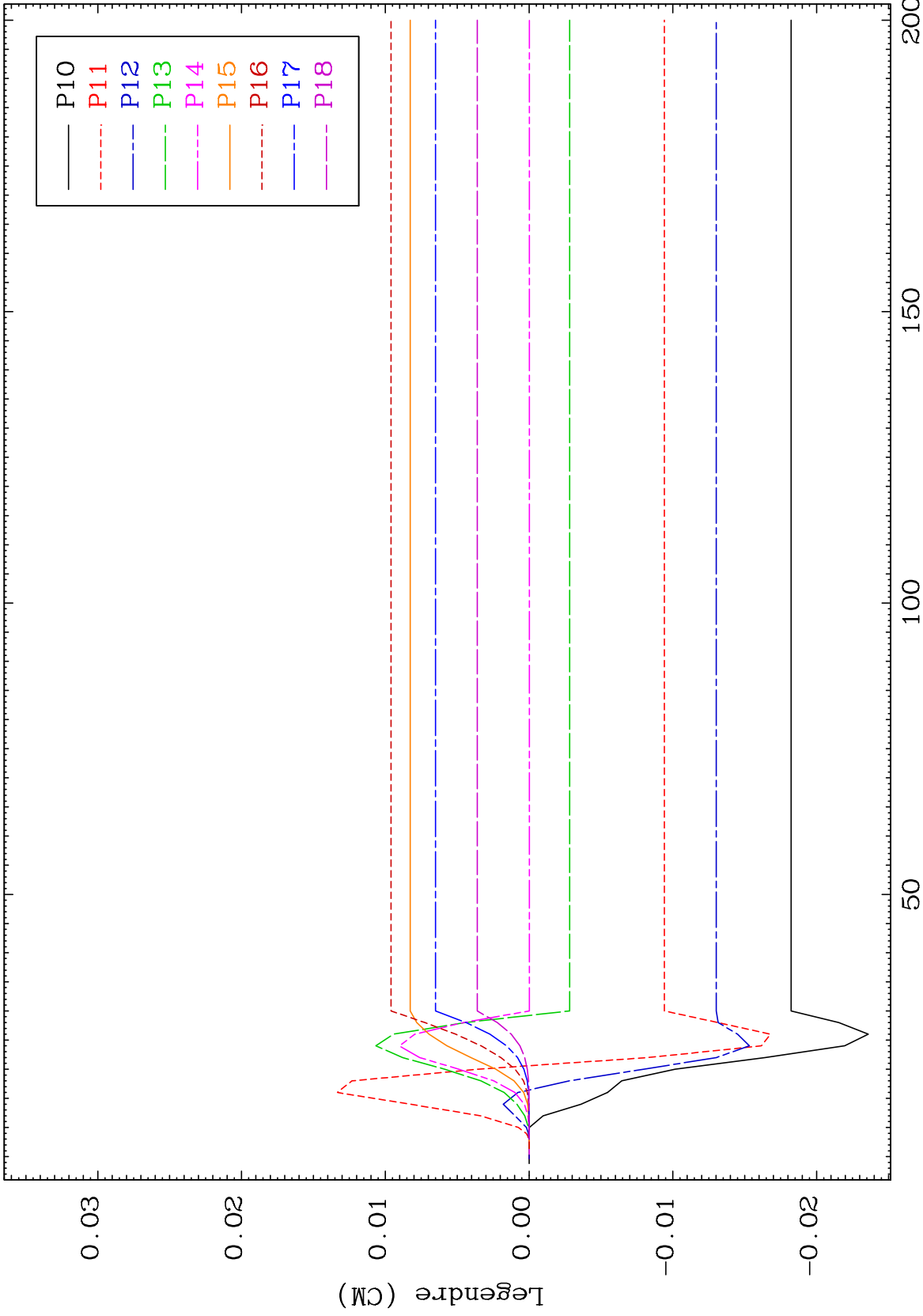
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



71

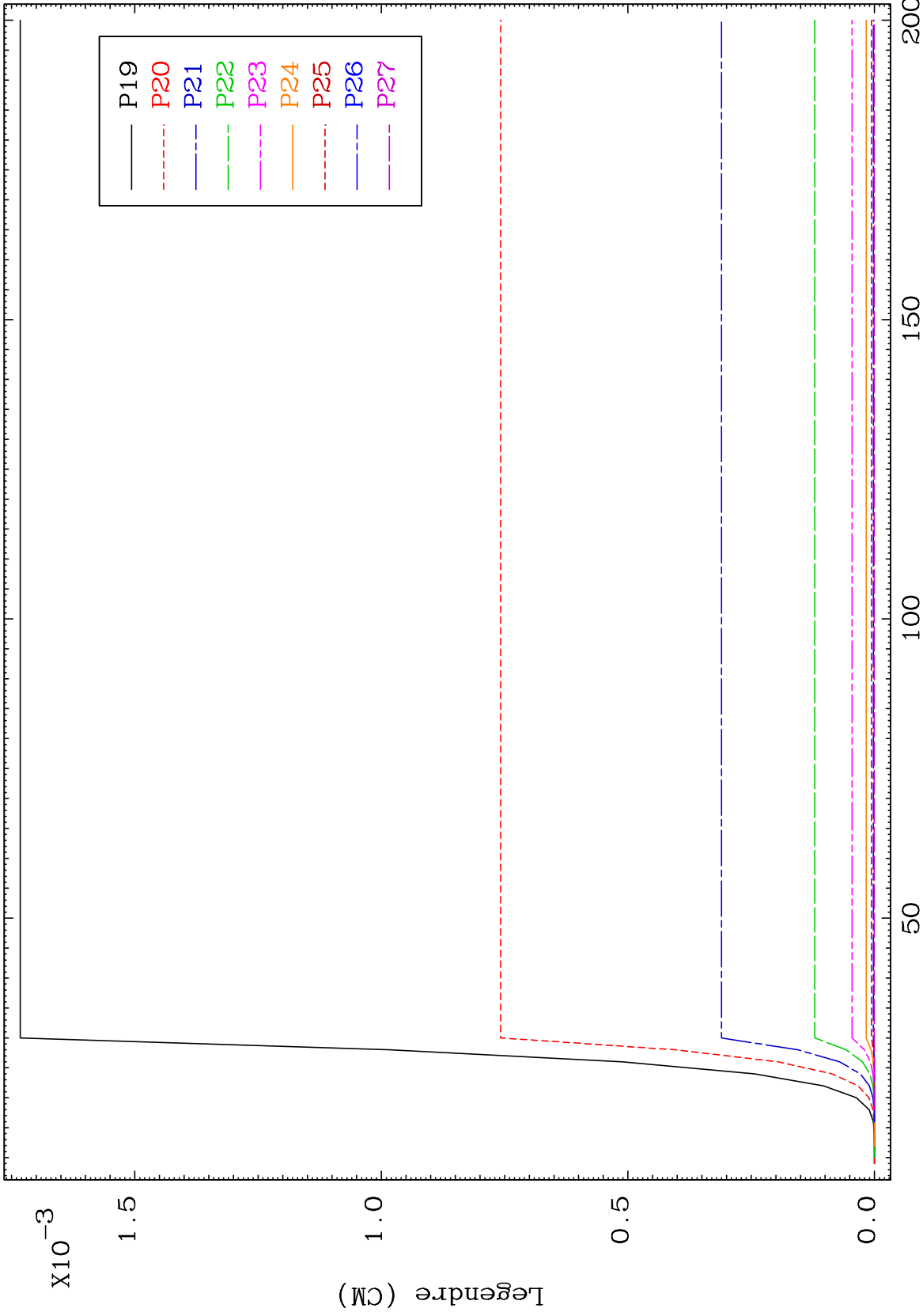
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



72

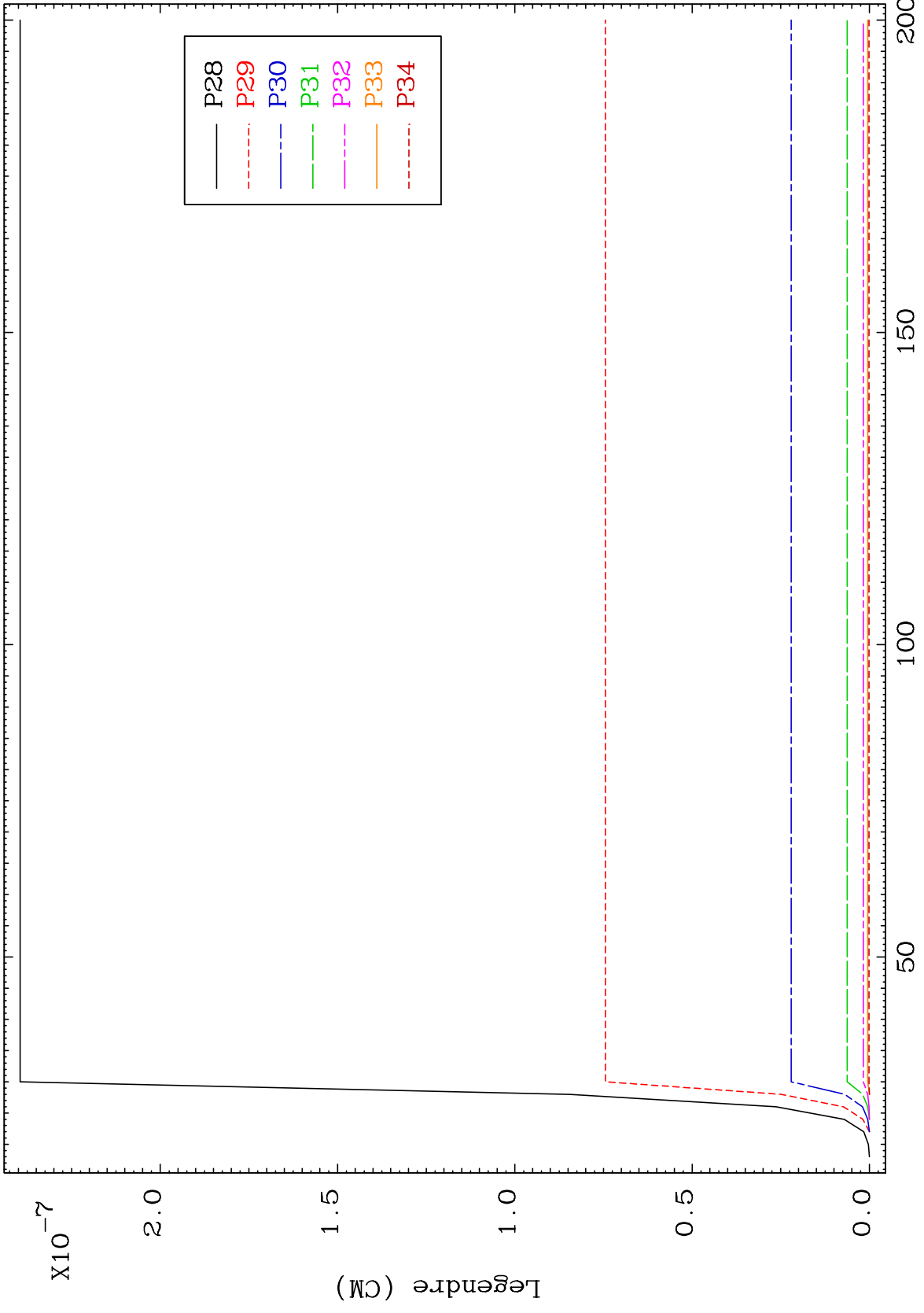
Incident Energy (MeV)

34-Se-84

MAT 3455

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

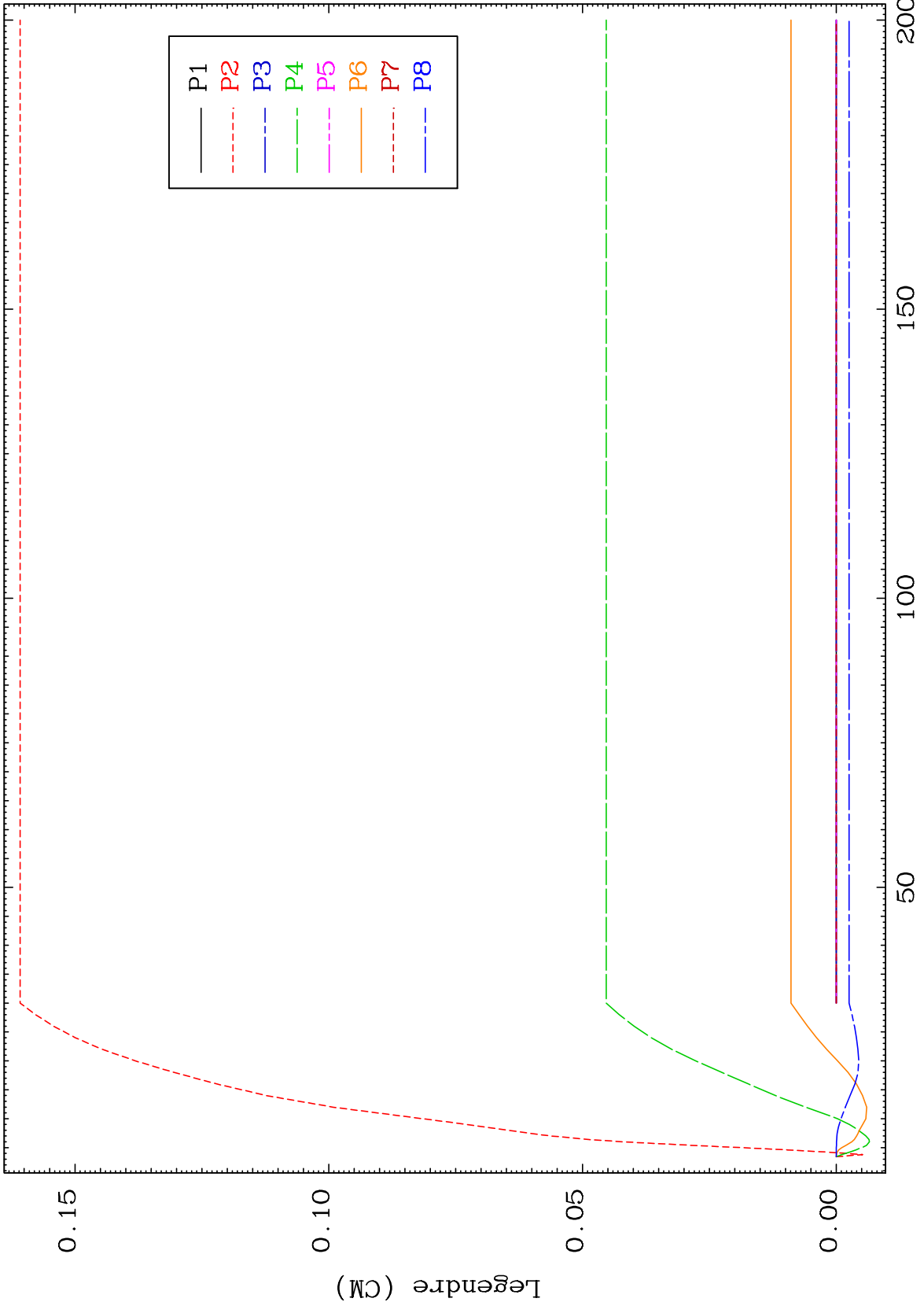
34-Se-84



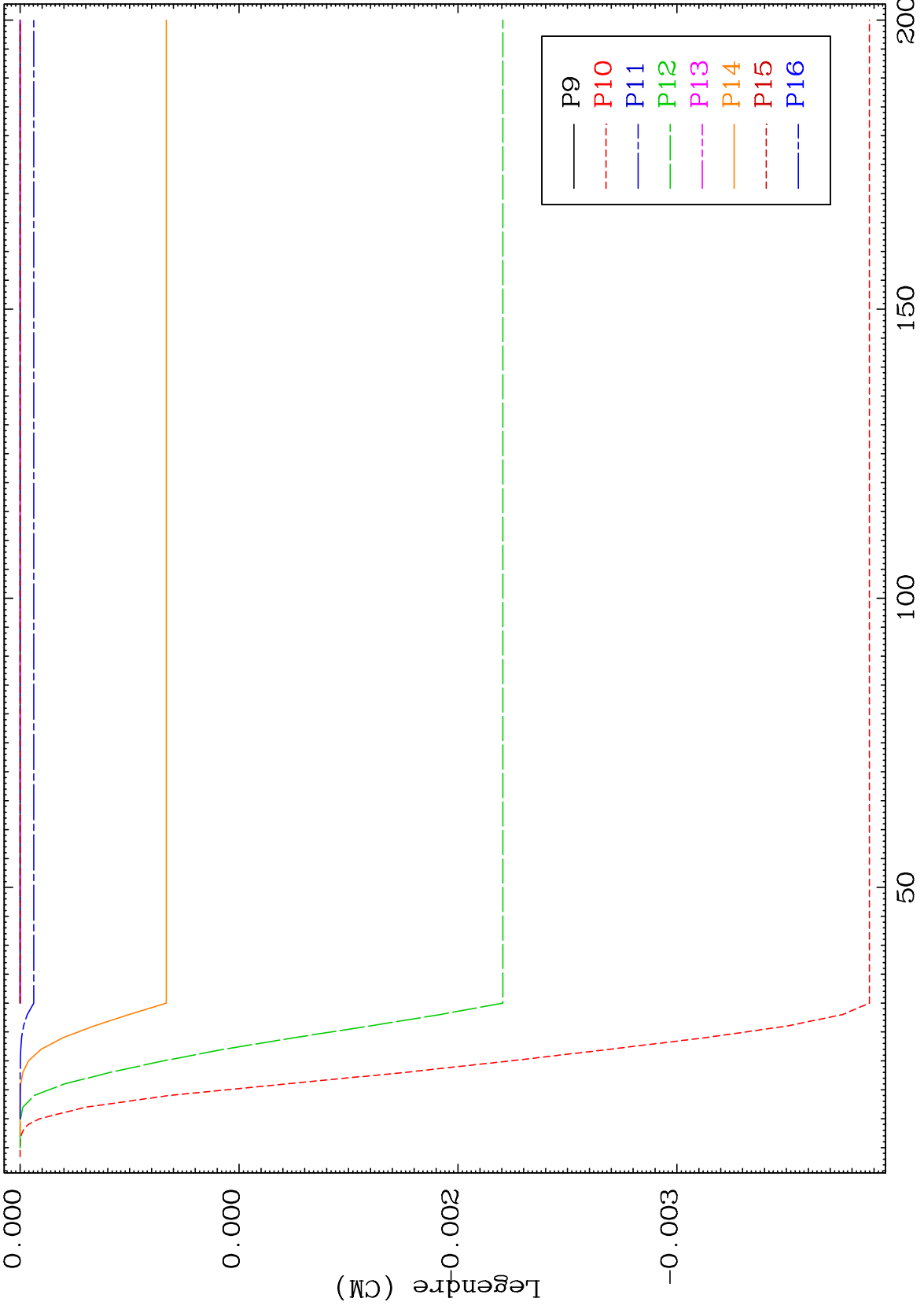
73

34-Se-84

MAT 3455 MT= 67 (n,n') Level Legendre Coefficients 34-Se-84



MAT 3455 MT= 67 (n,n') Level Legendre Coefficients 34-Se-84

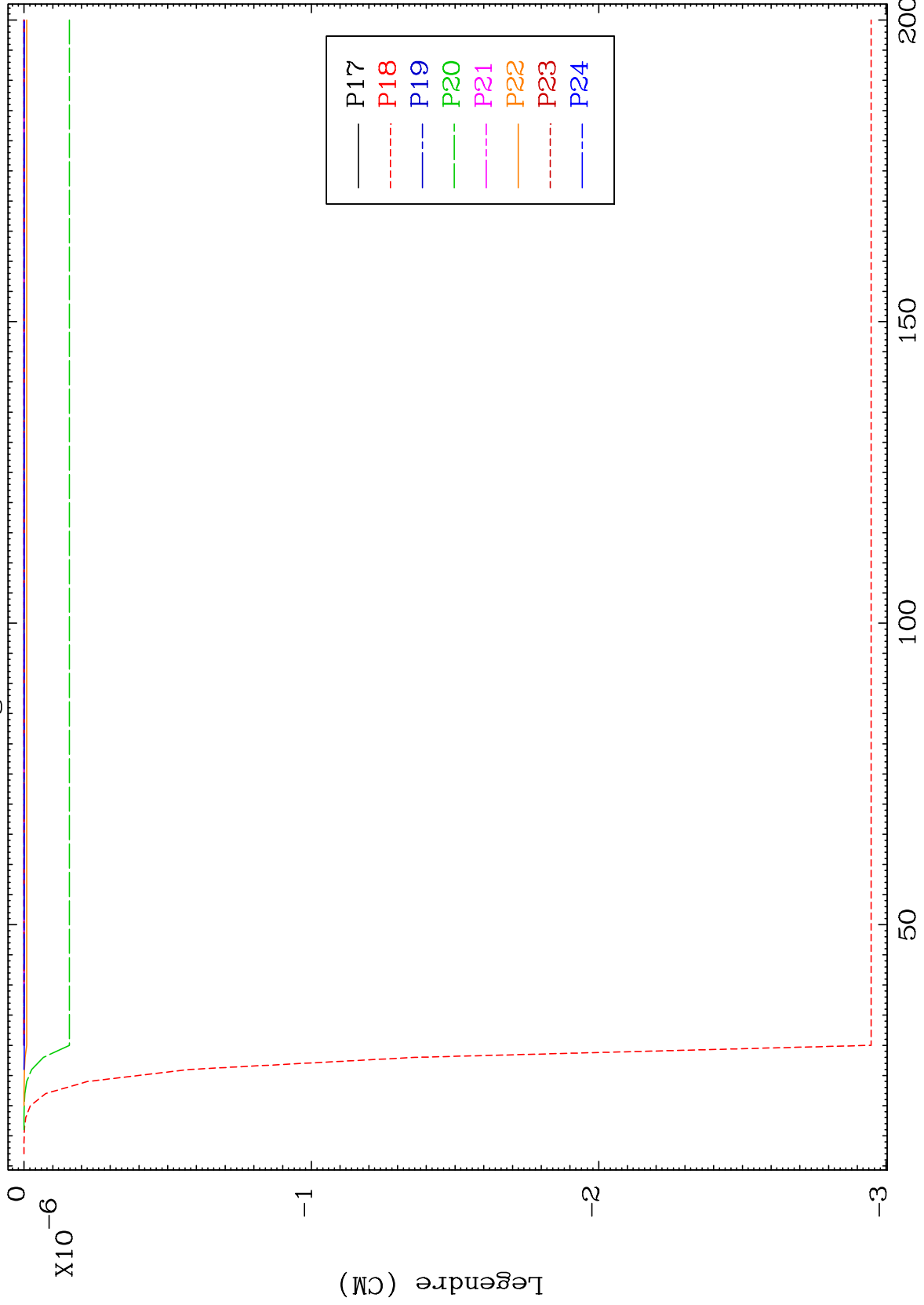


75 50 100 150 200 34-Se-84

MAT 3455

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

34-Se-84

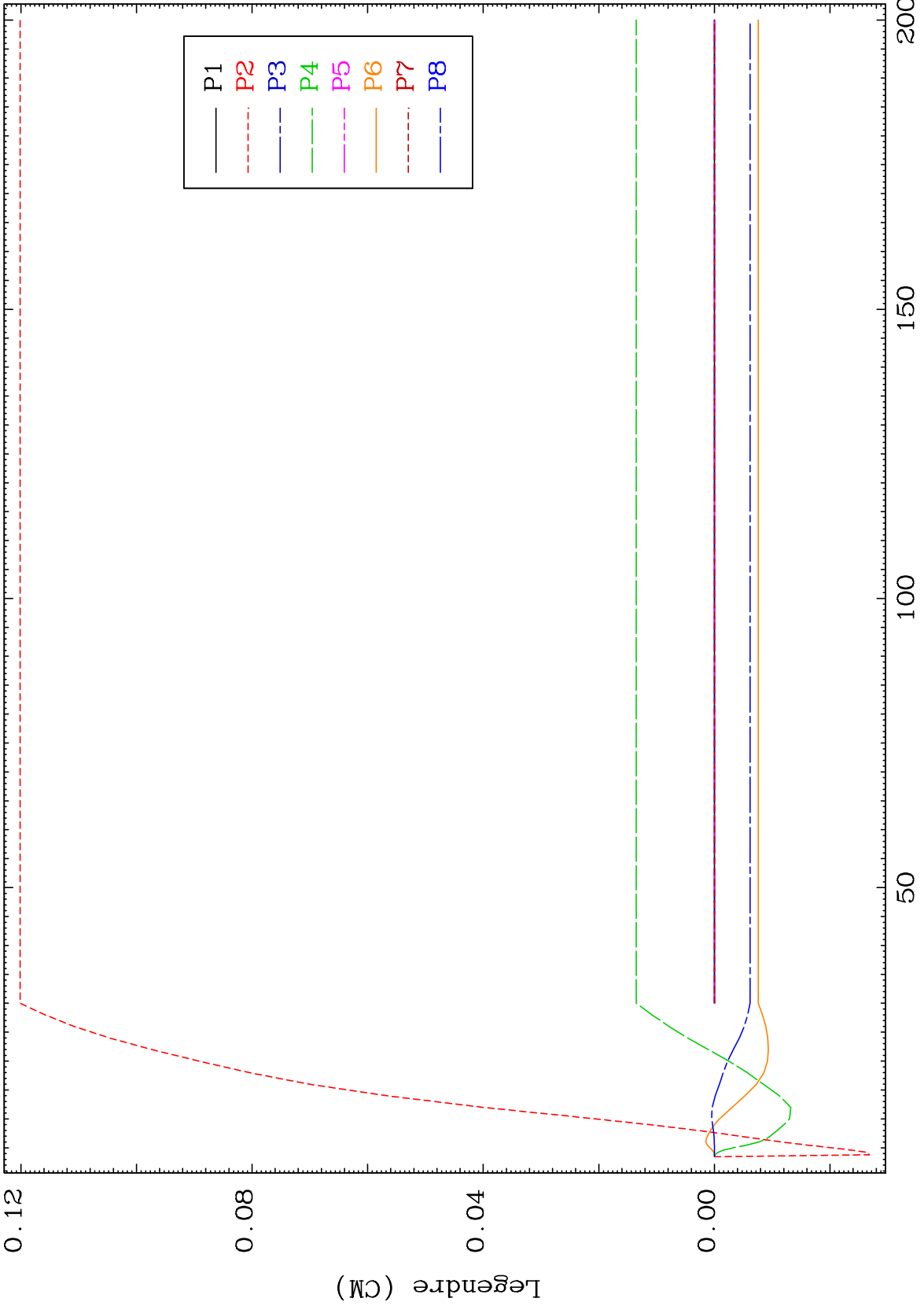


34-Se-84

Incident Energy (MeV)

76

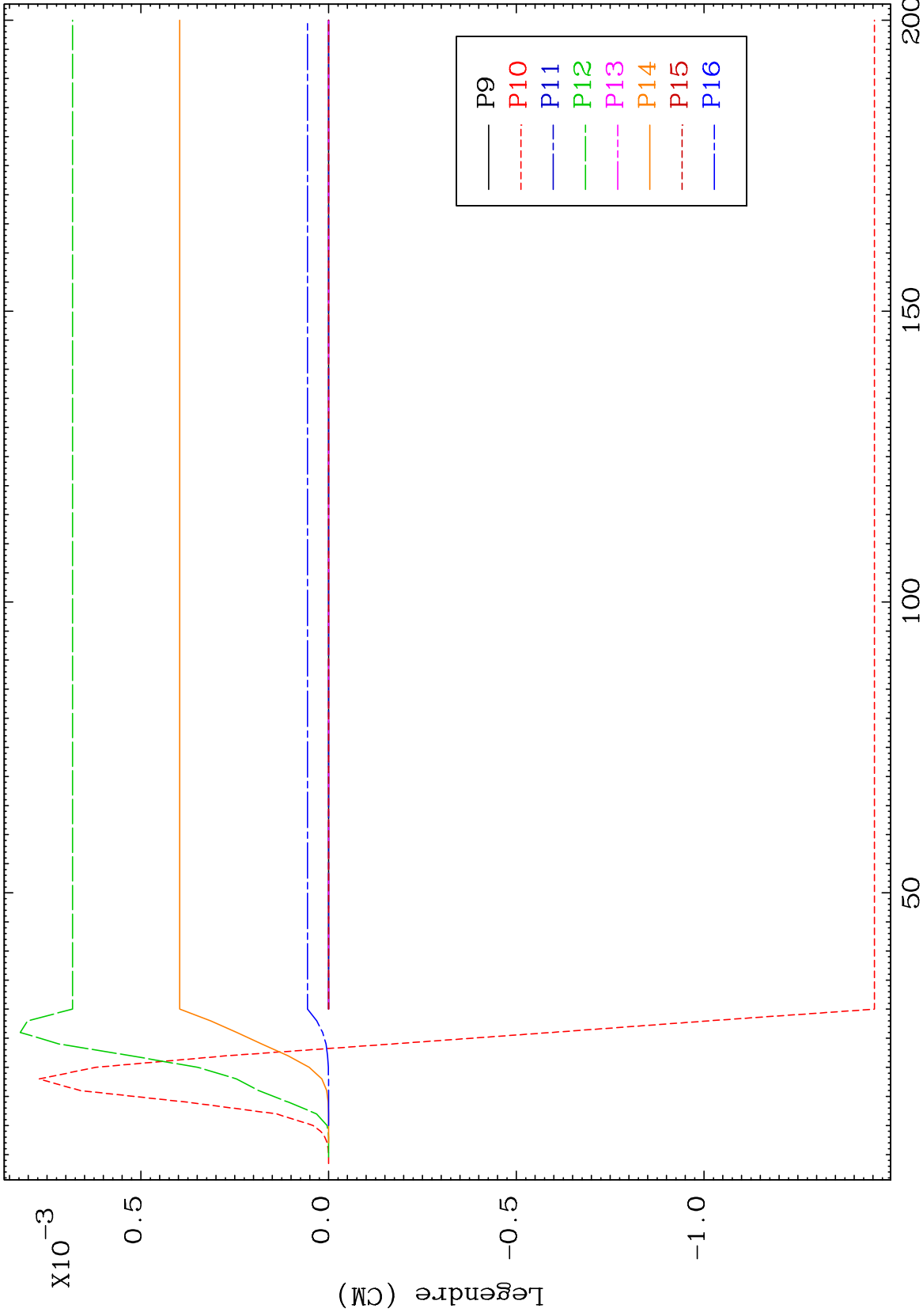
MAT 3455 MT= 68 (n,n') Level Legendre Coefficients 34-Se-84



MAT 3455

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

34-Se-84

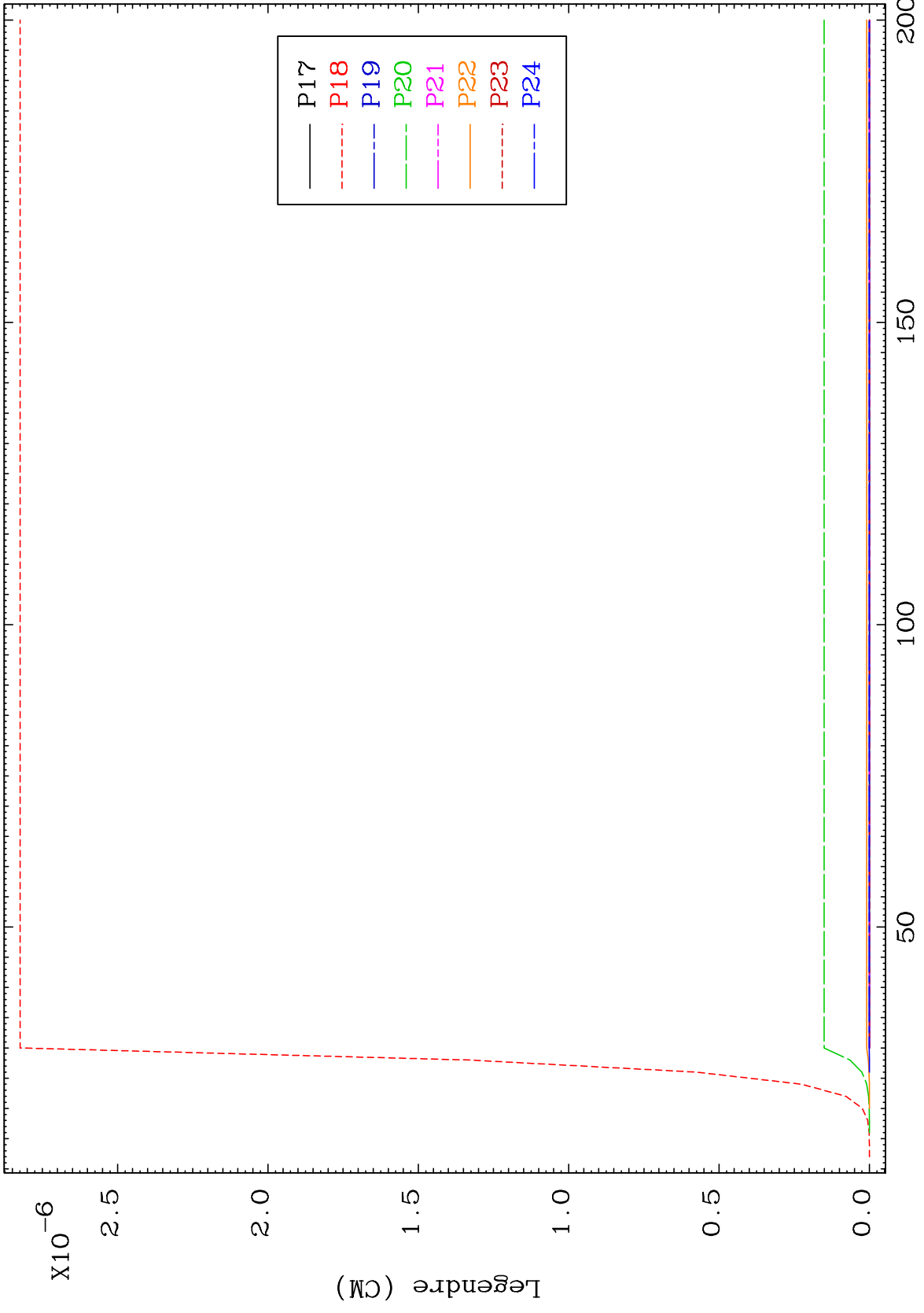


78

Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 68 (n,n') Level Legendre Coefficients 34-Se-84

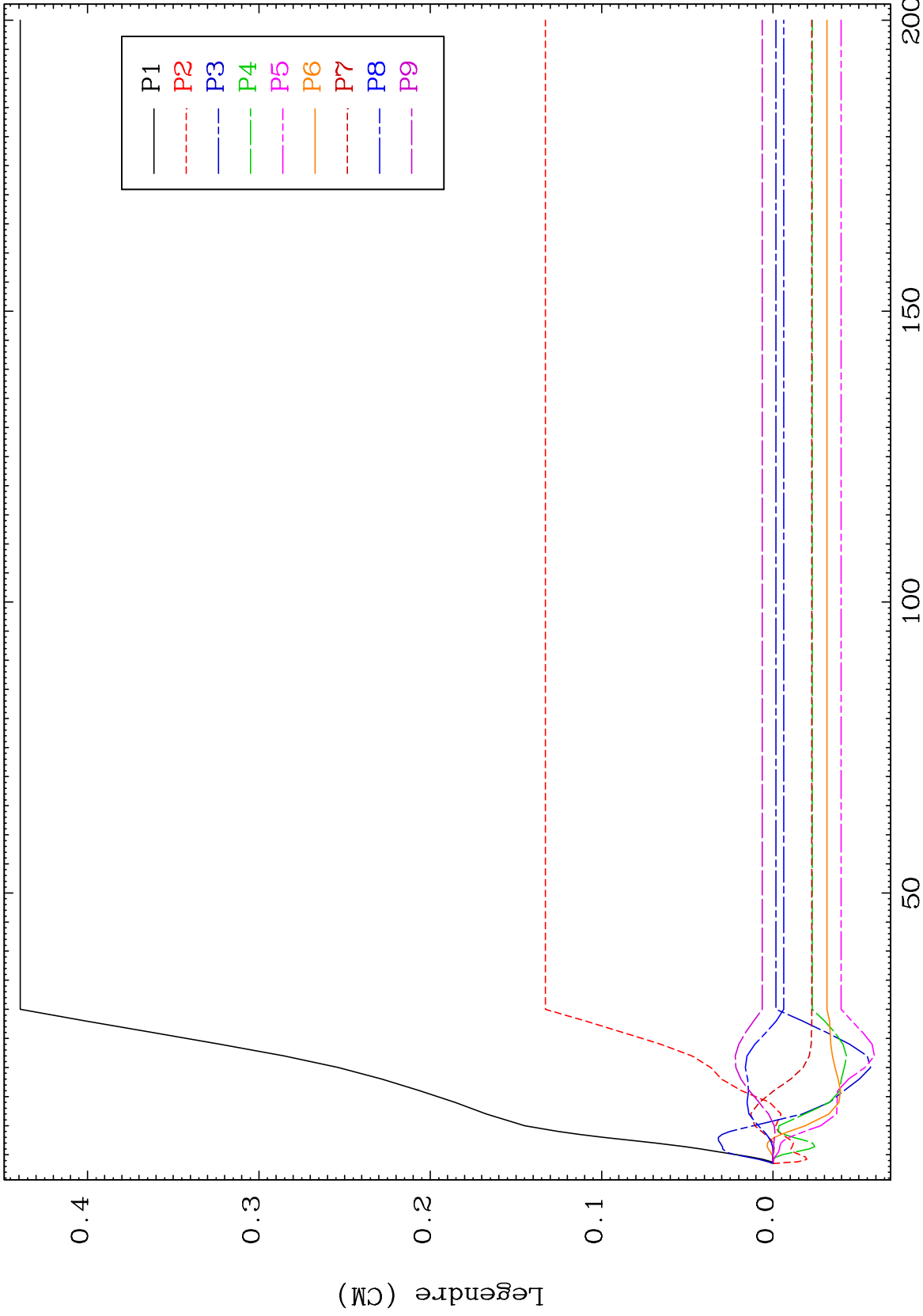


79 Incident Energy (MeV) 34-Se-84

MAT 3455

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

34-Se-84



80

Incident Energy (MeV)

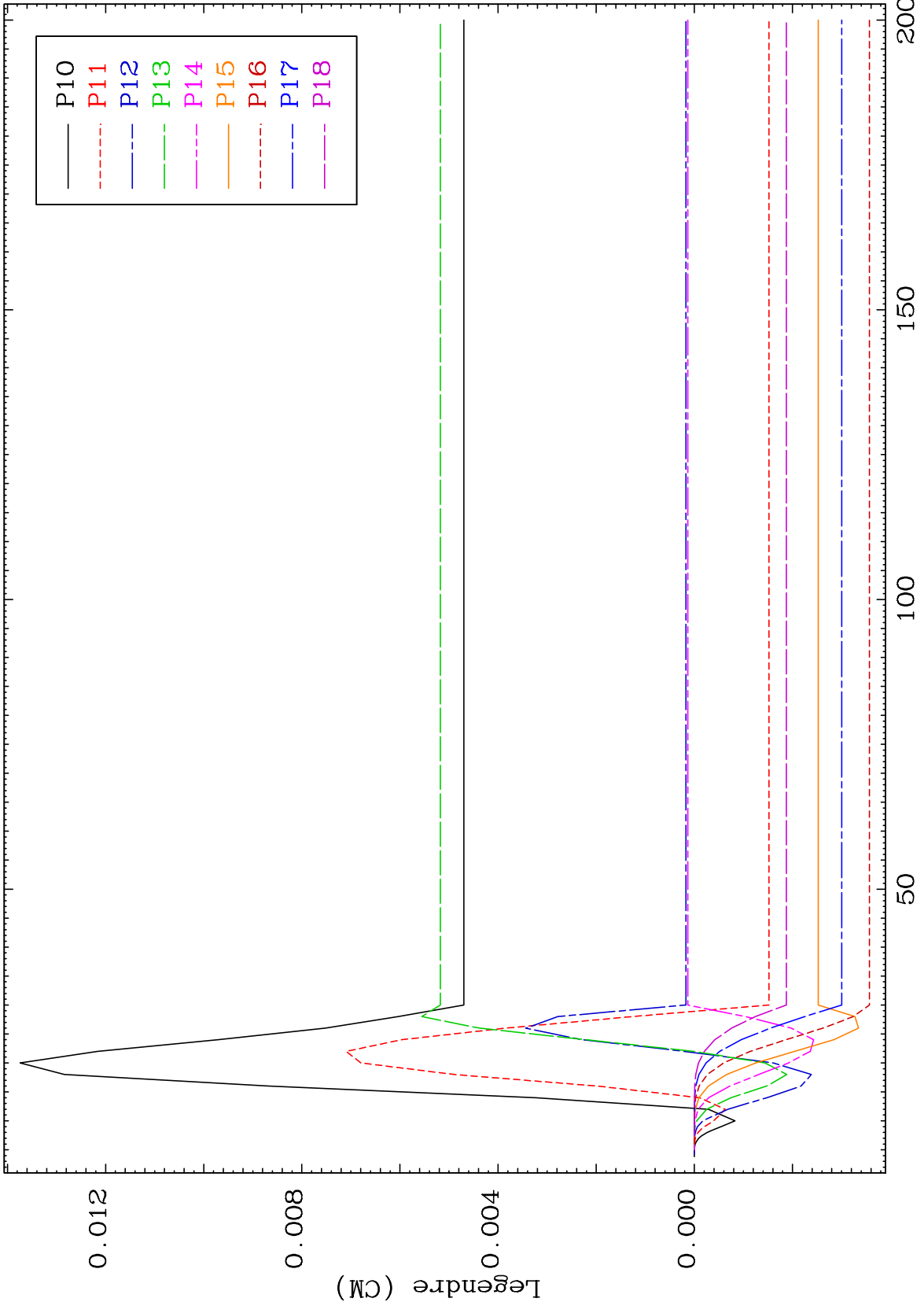
34-Se-84

200

150

100

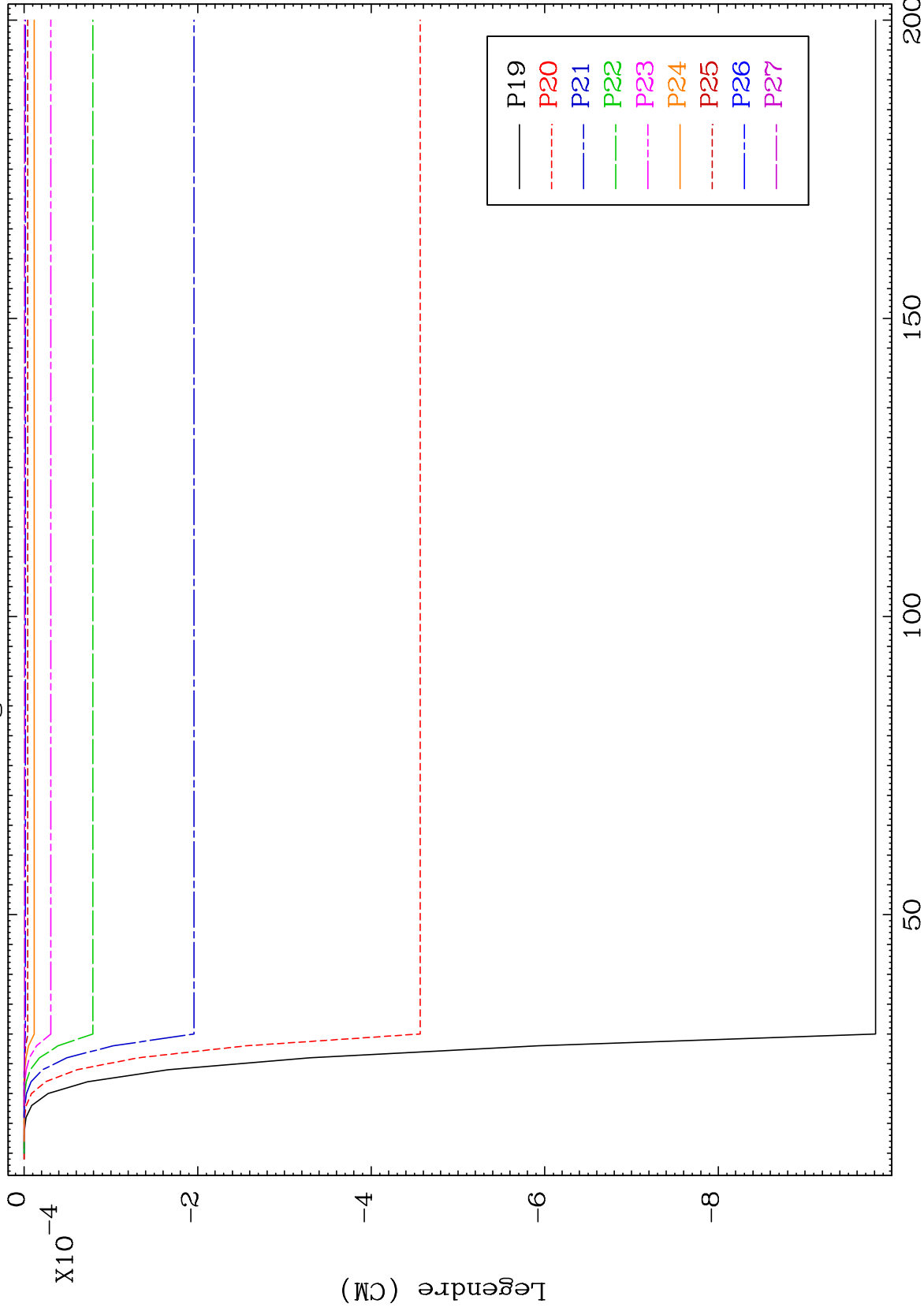
50



MAT 3455

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

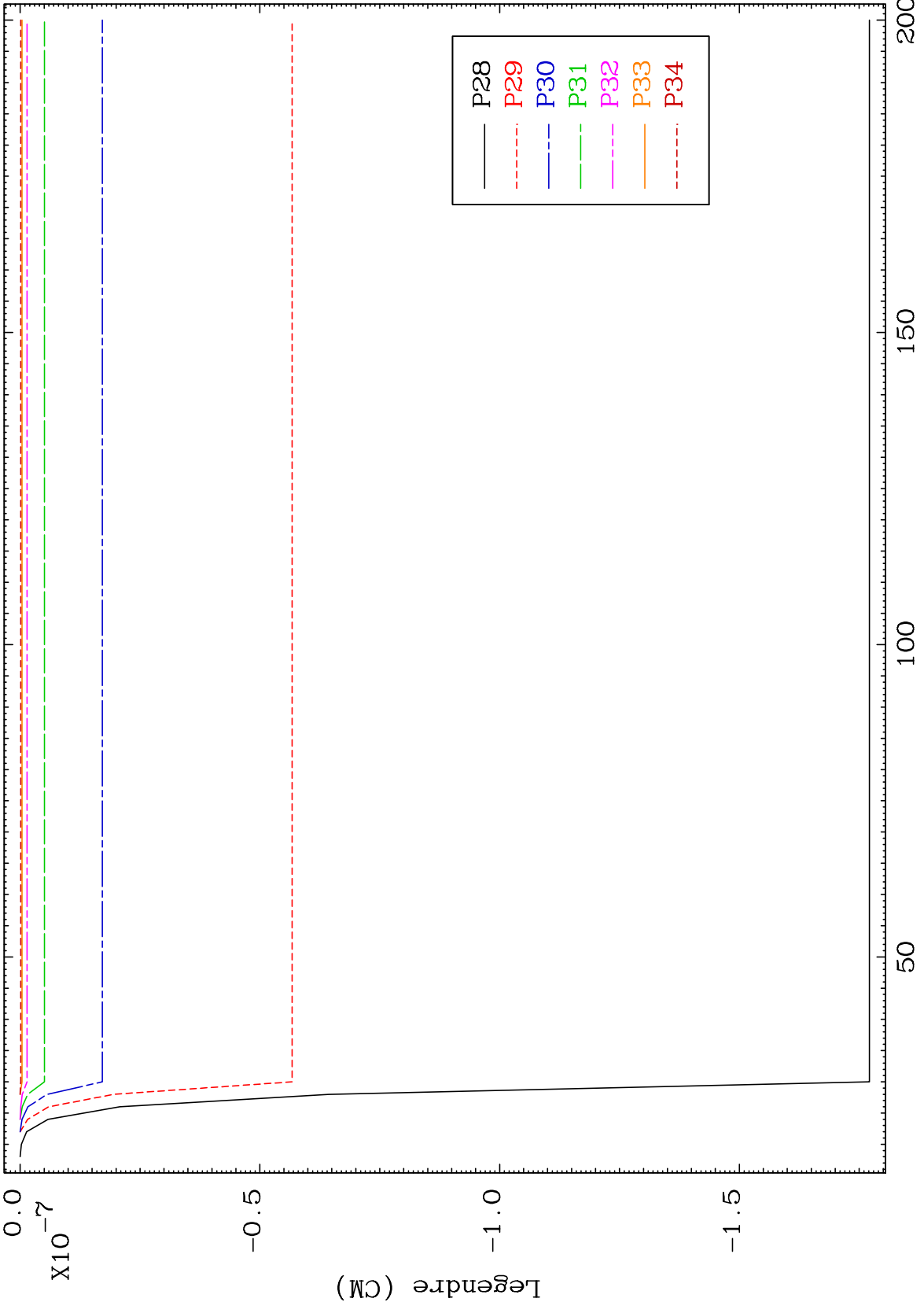
34-Se-84



82

Incident Energy (MeV)

34-Se-84



MAT 3455

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

34-Se-84

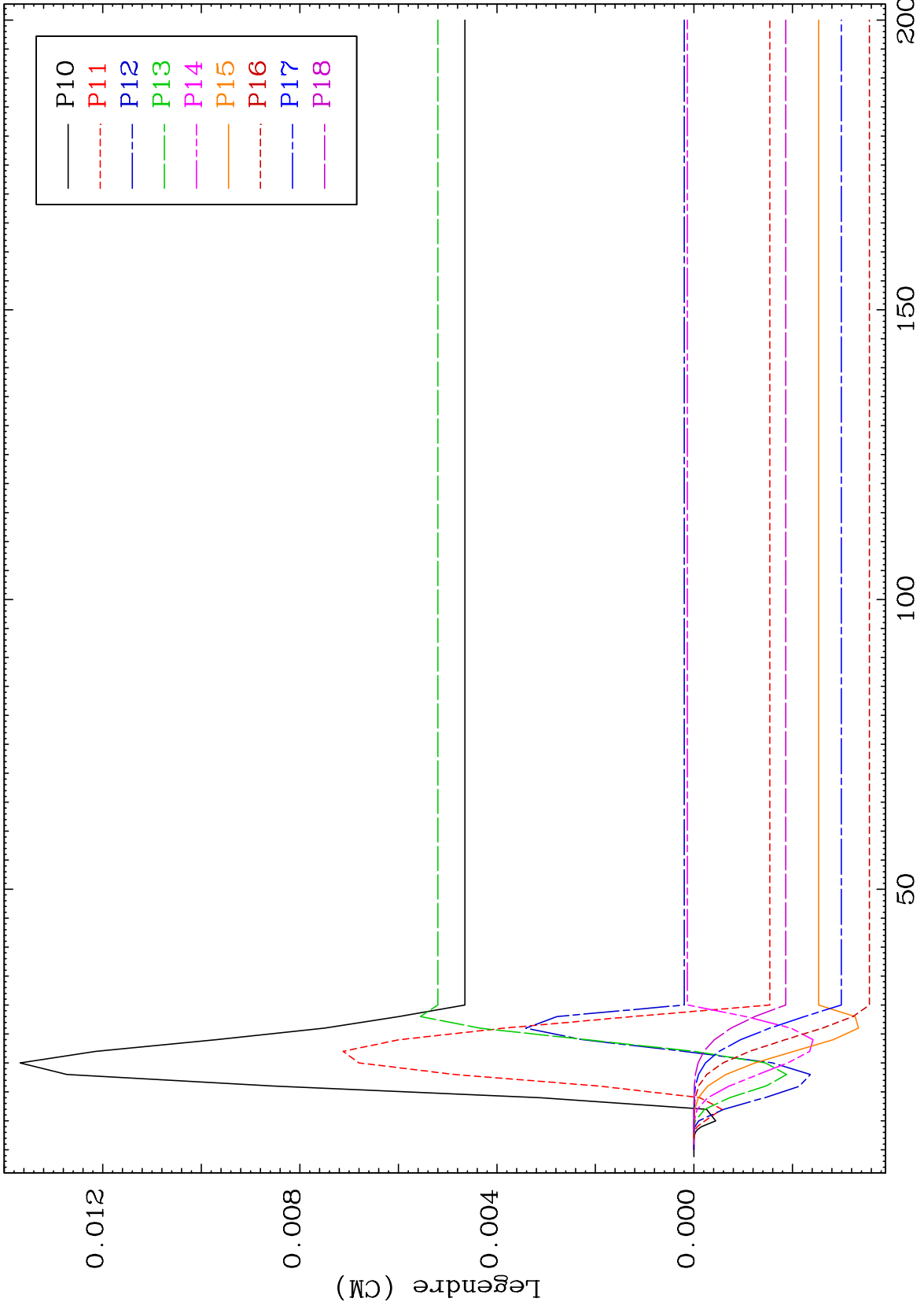


84

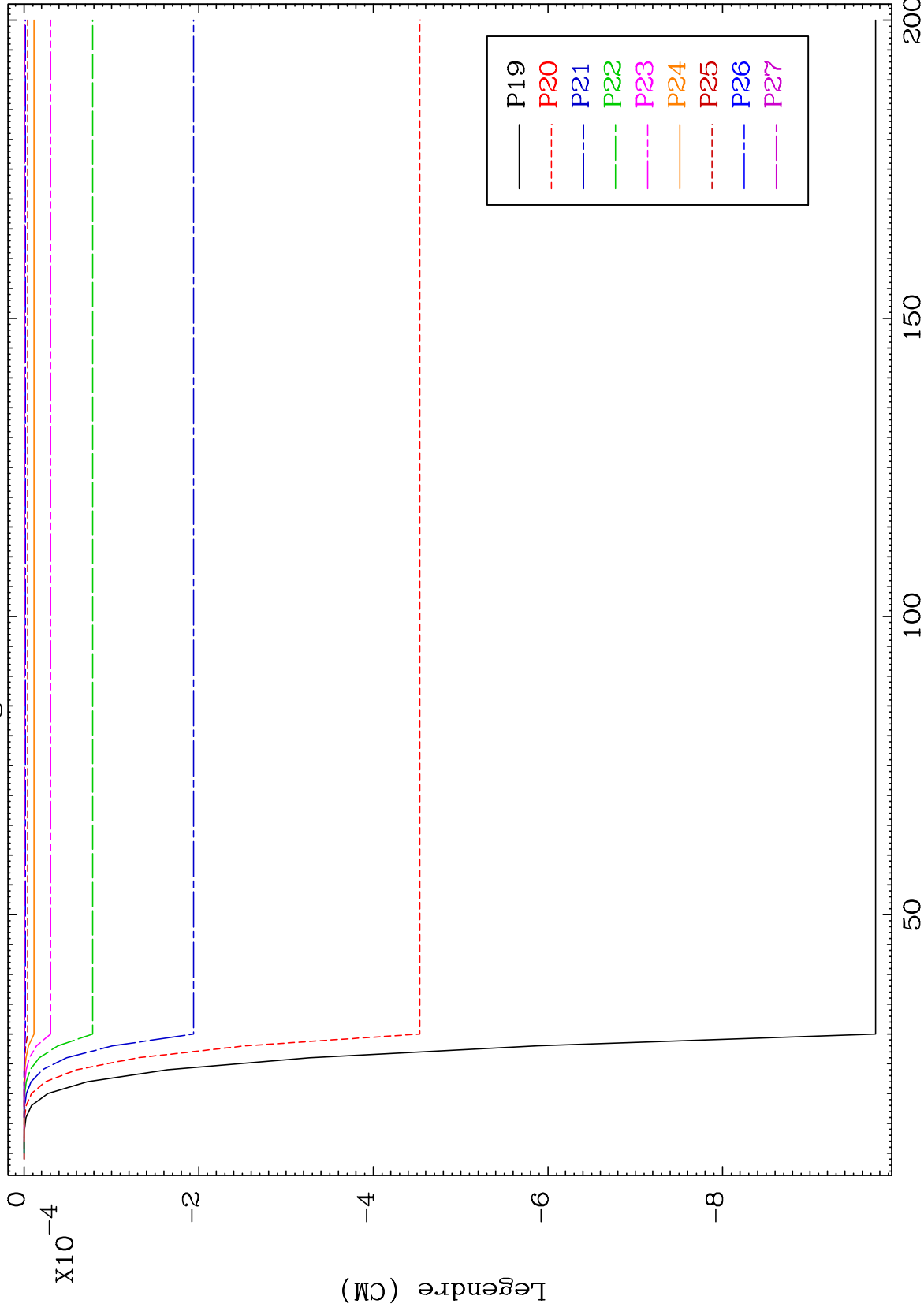
Incident Energy (MeV)

34-Se-84

MAT 3455 MT= 70 (n,n') Level Legendre Coefficients 34-Se-84



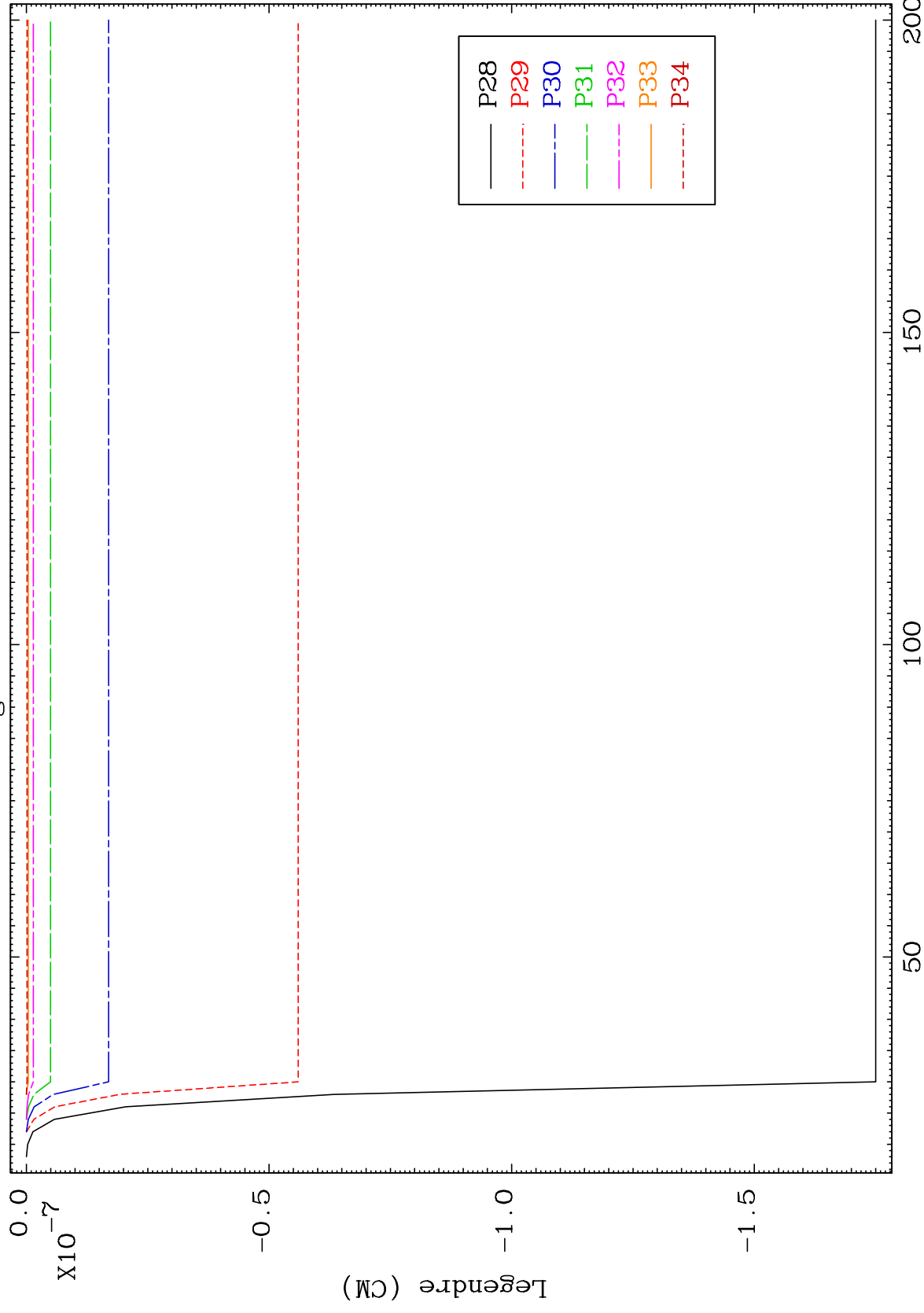
85 34-Se-84



MAT 3455

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

34-Se-84



34-Se-84

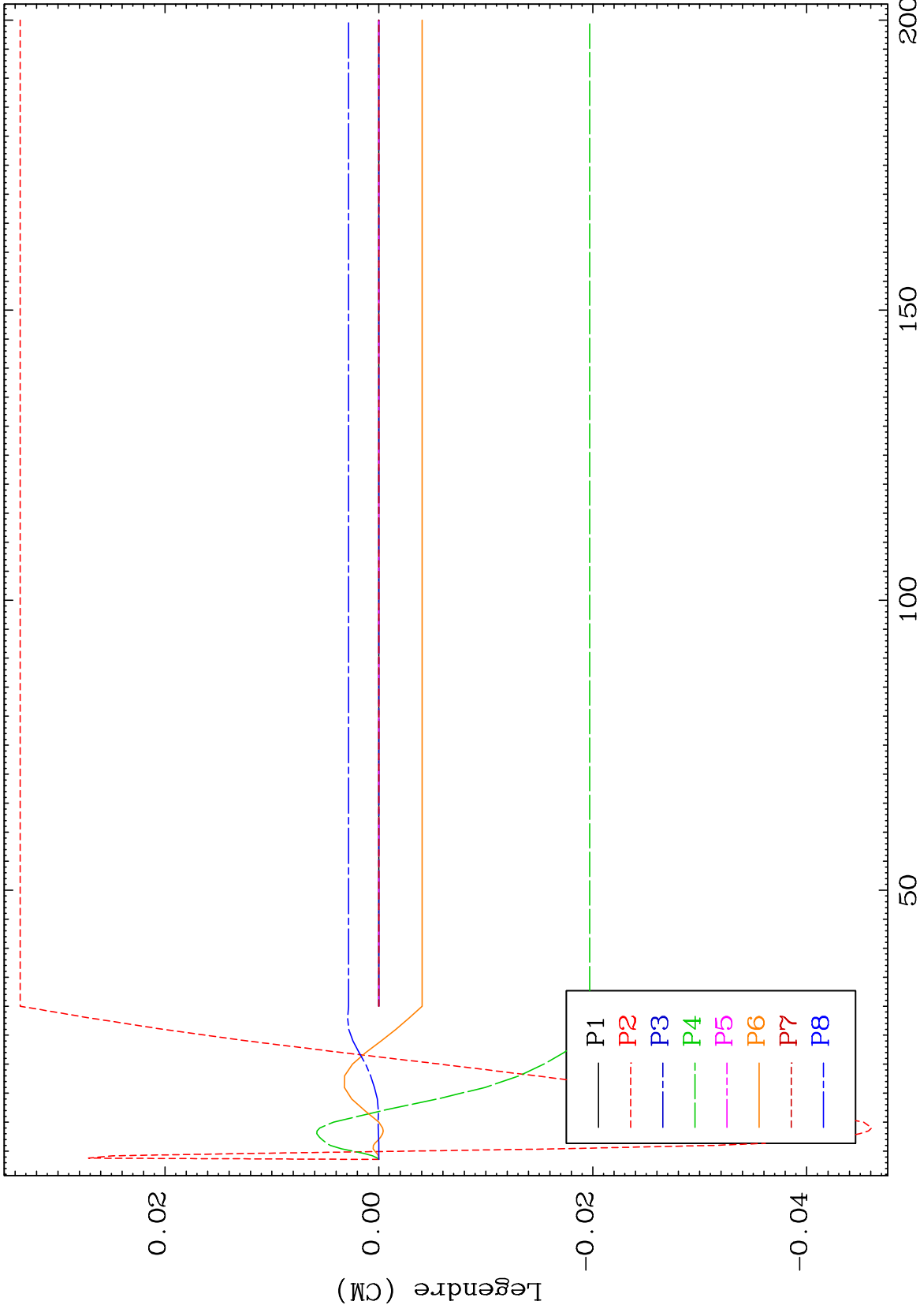
Incident Energy (MeV)

87

MAT 3455

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

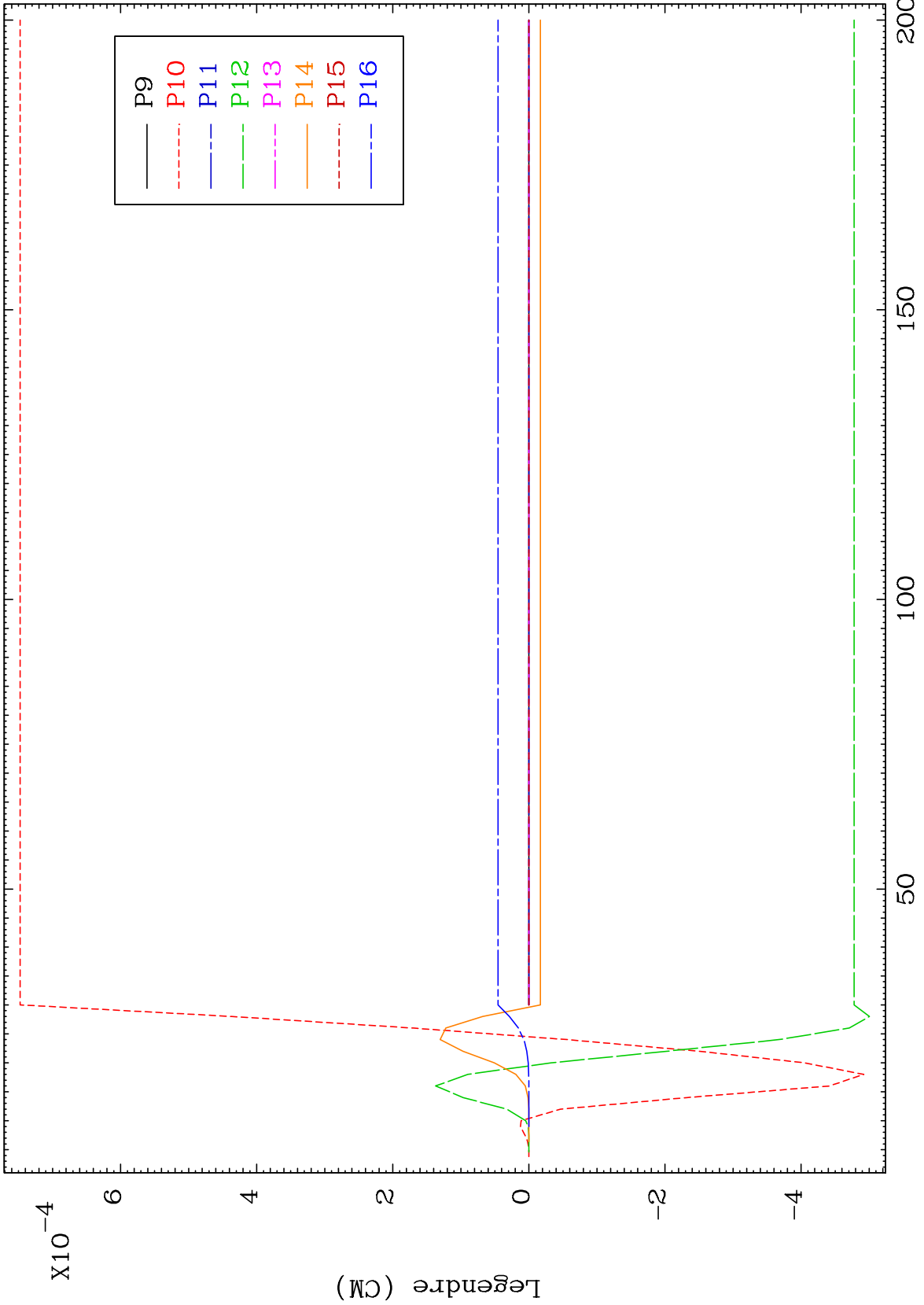
34-Se-84



MAT 3455

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

34-Se-84



89

Incident Energy (MeV)

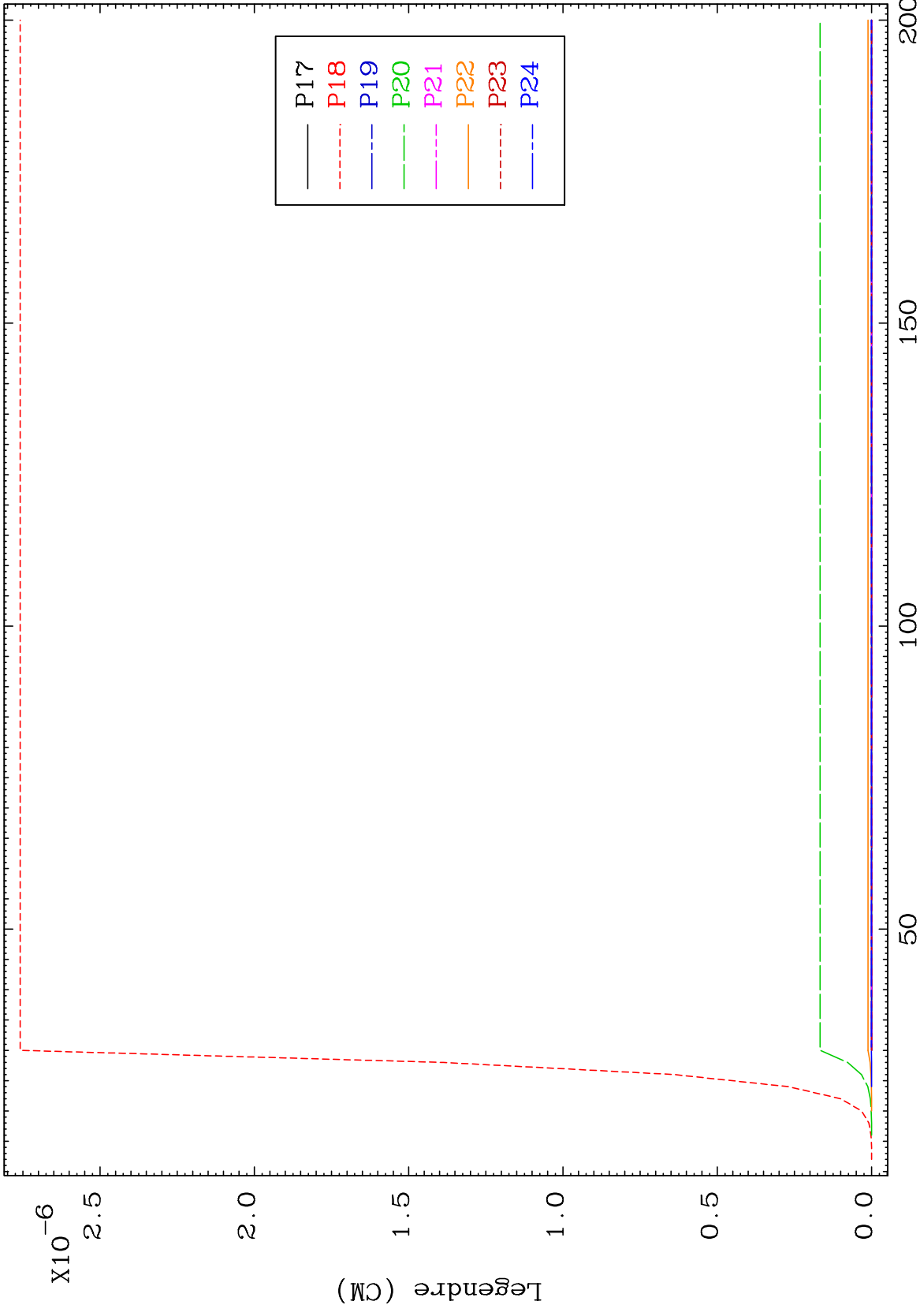
34-Se-84

MAT 3455

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

34-Se-84

Incident Energy (MeV)



90

50

100

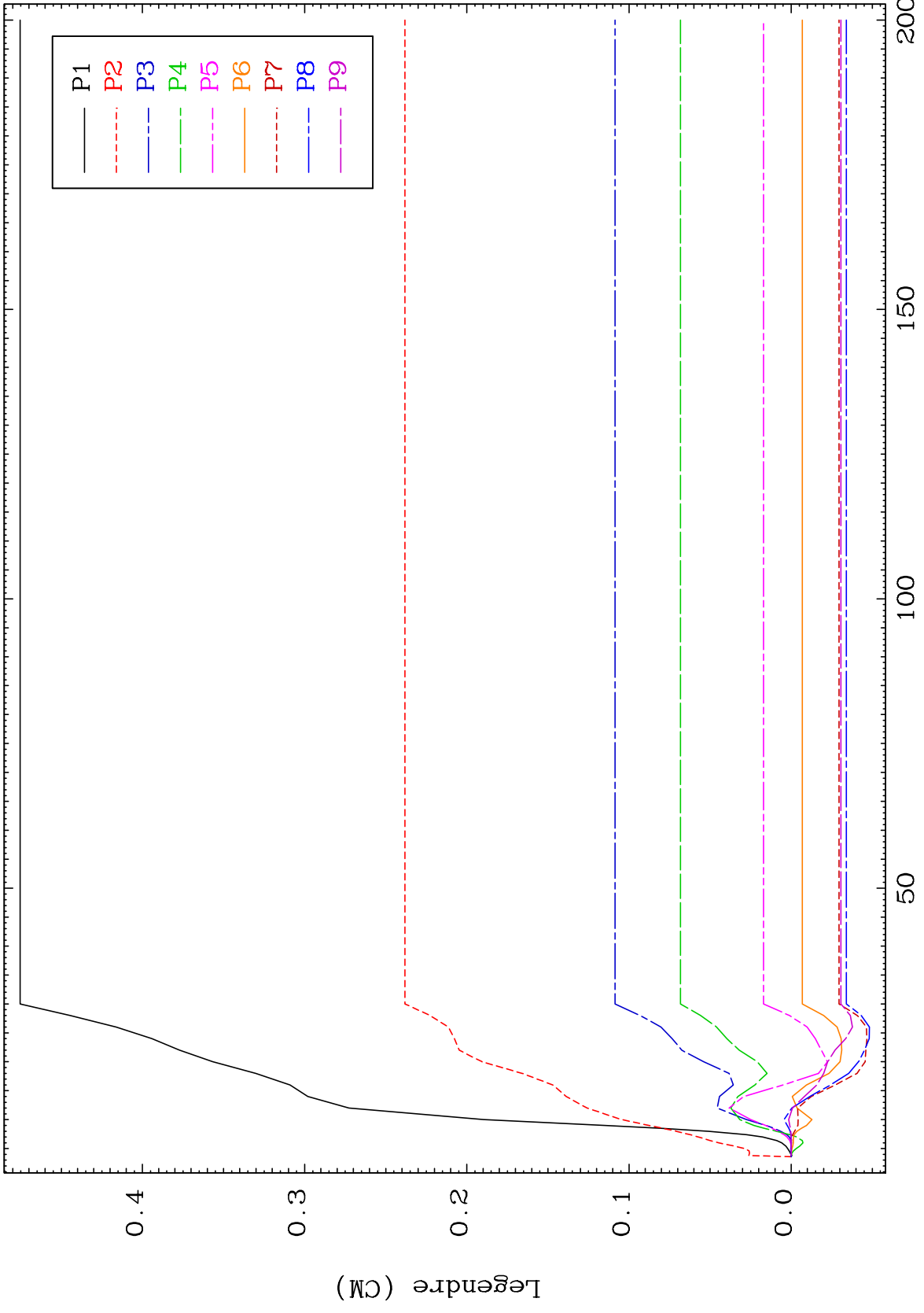
150

200

MAT 3455

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

34-Se-84



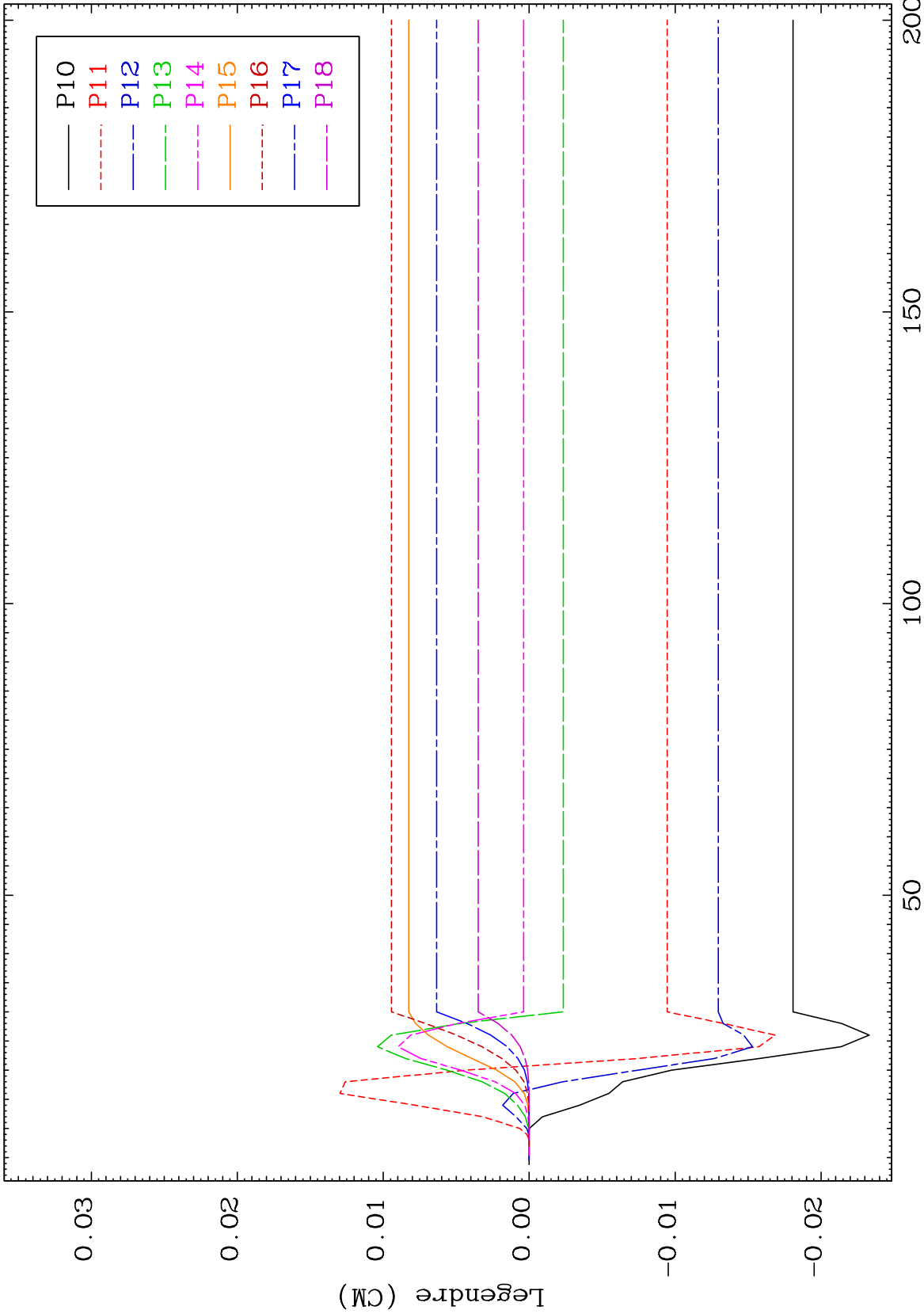
91

34-Se-84

MAT 3455

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

<sup>34</sup>Se-84



92

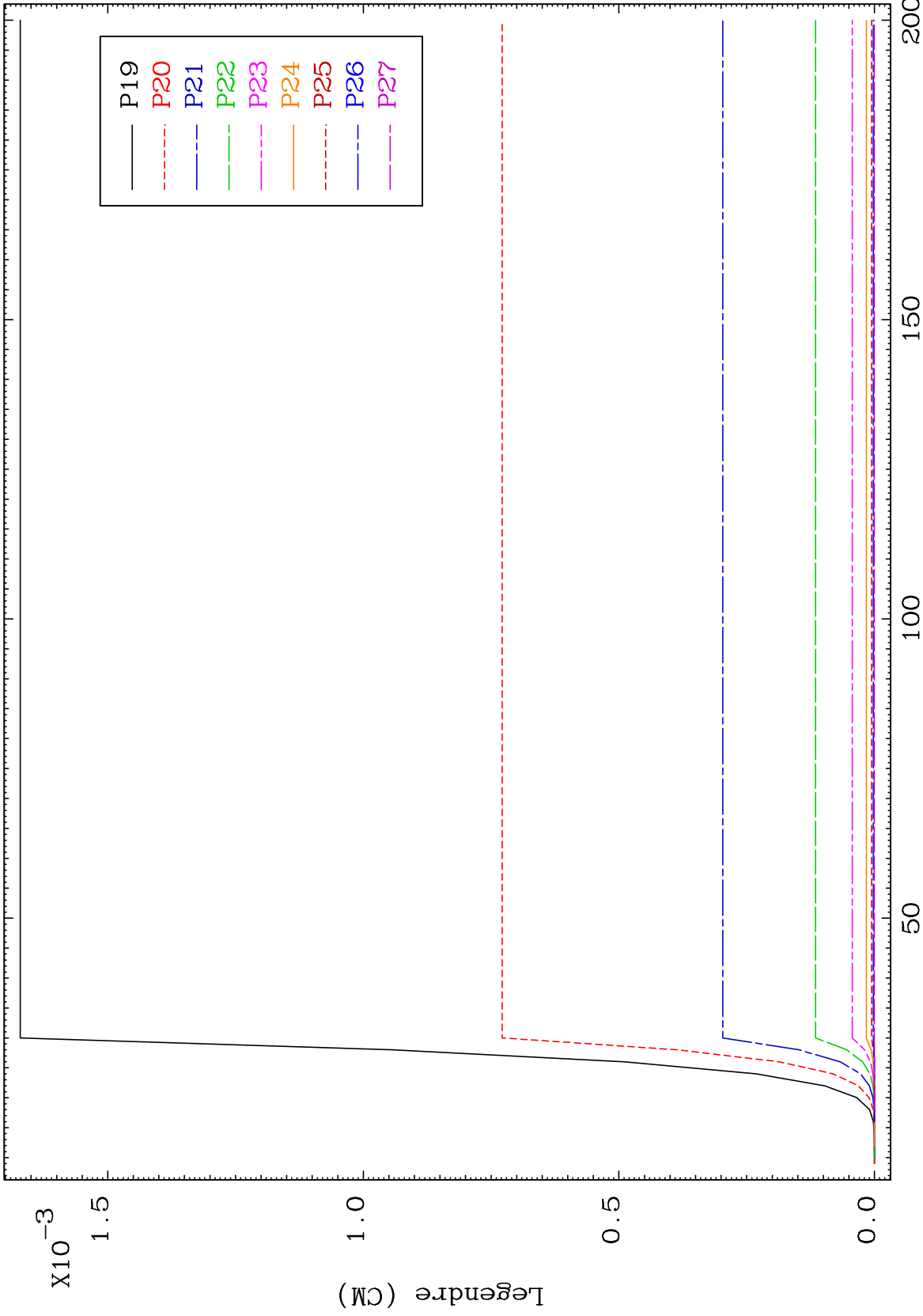
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

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

34-Se-84



93

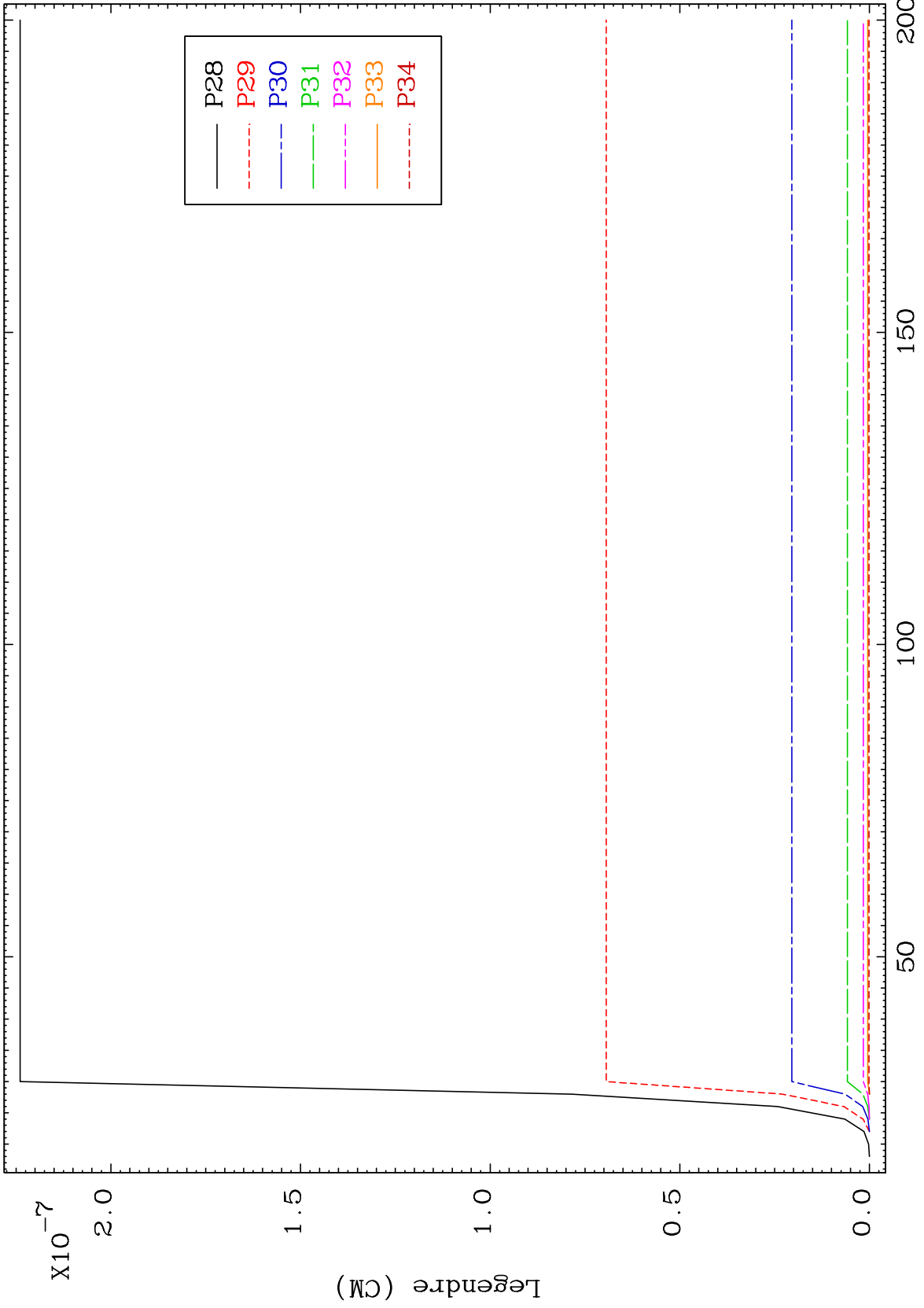
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



94

Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

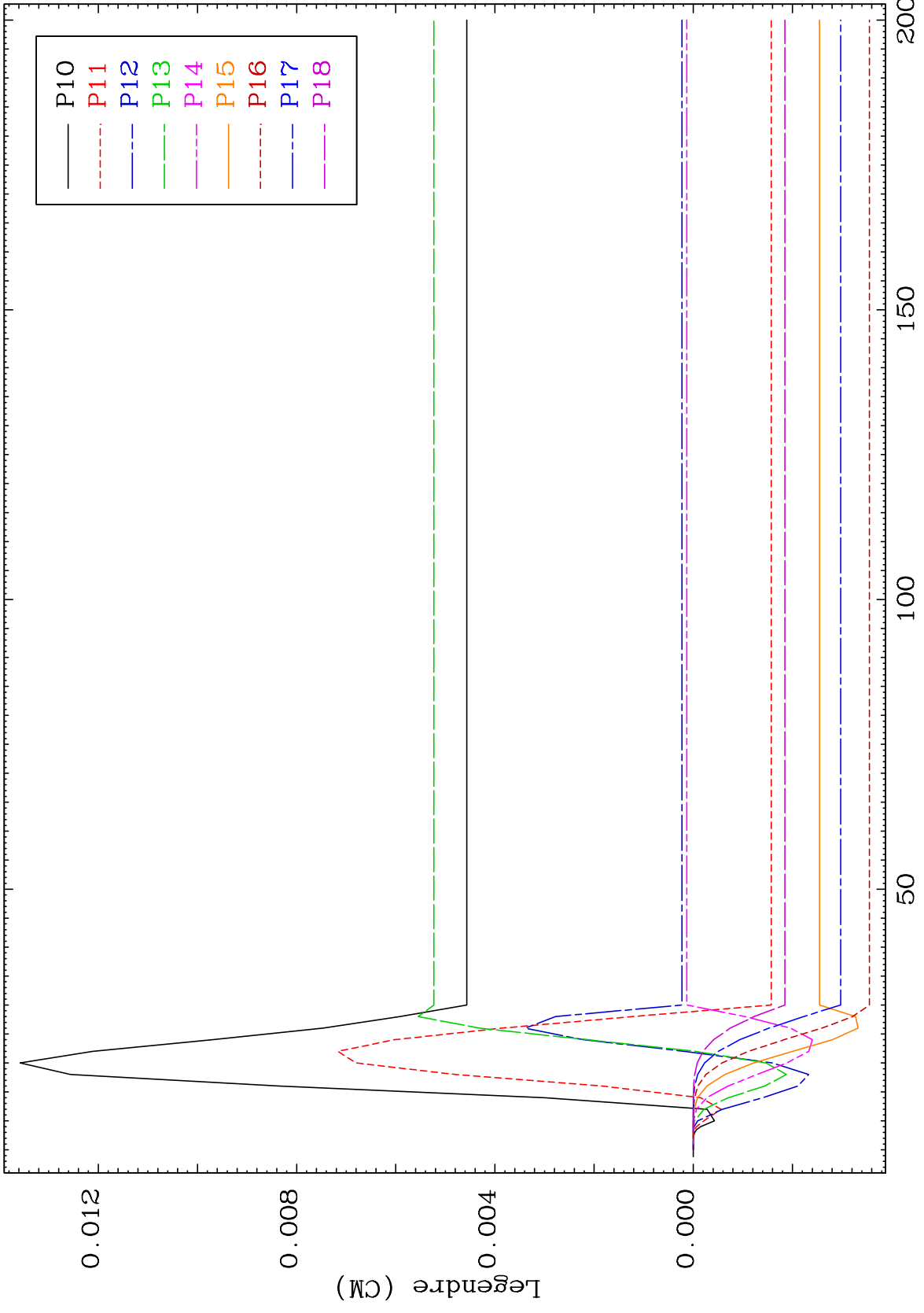


95

Incident Energy (MeV)

34-Se-84

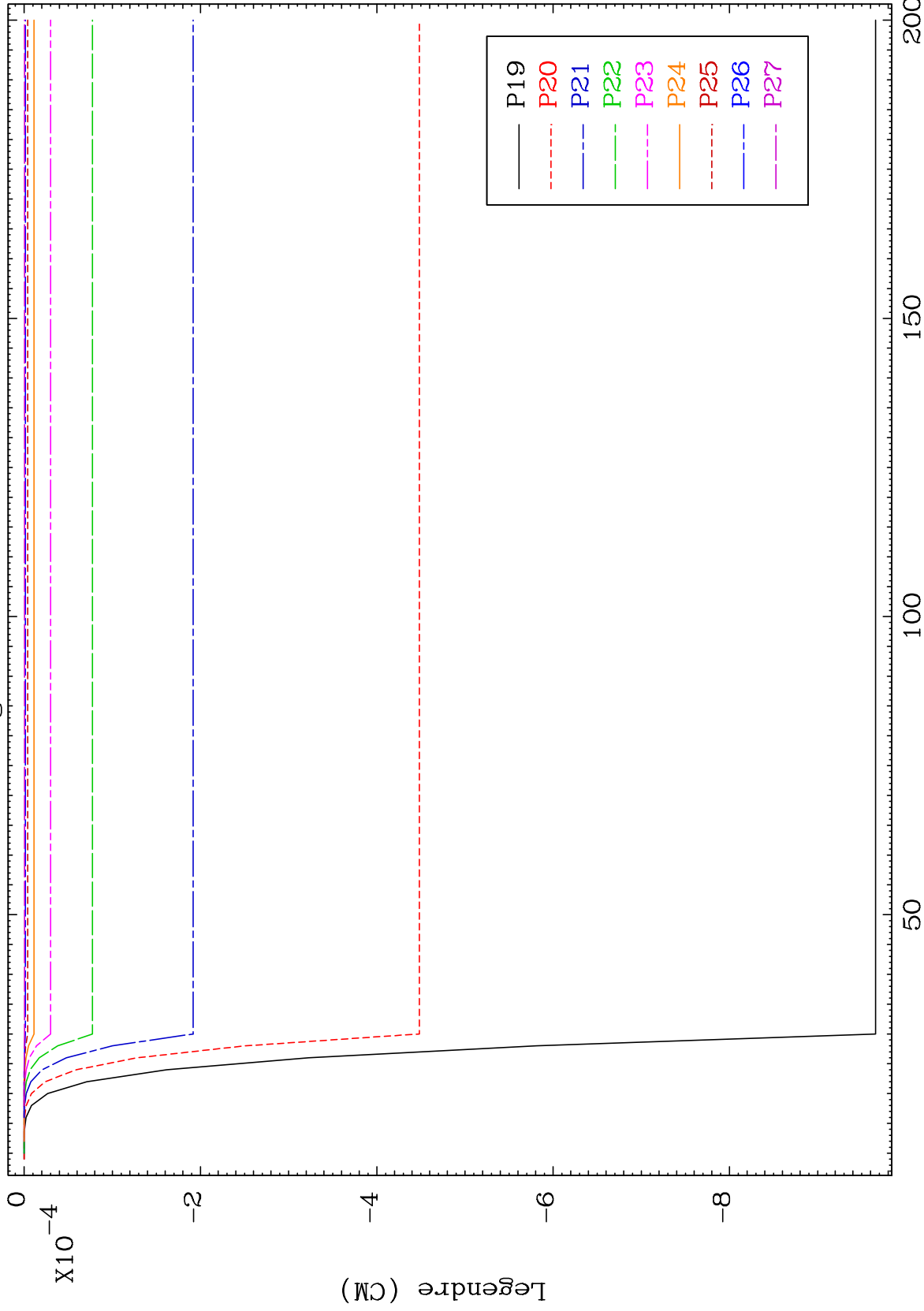
MAT 3455 MT= 73 (n,n') Level Legendre Coefficients 34-Se-84



MAT 3455

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

34-Se-84



34-Se-84

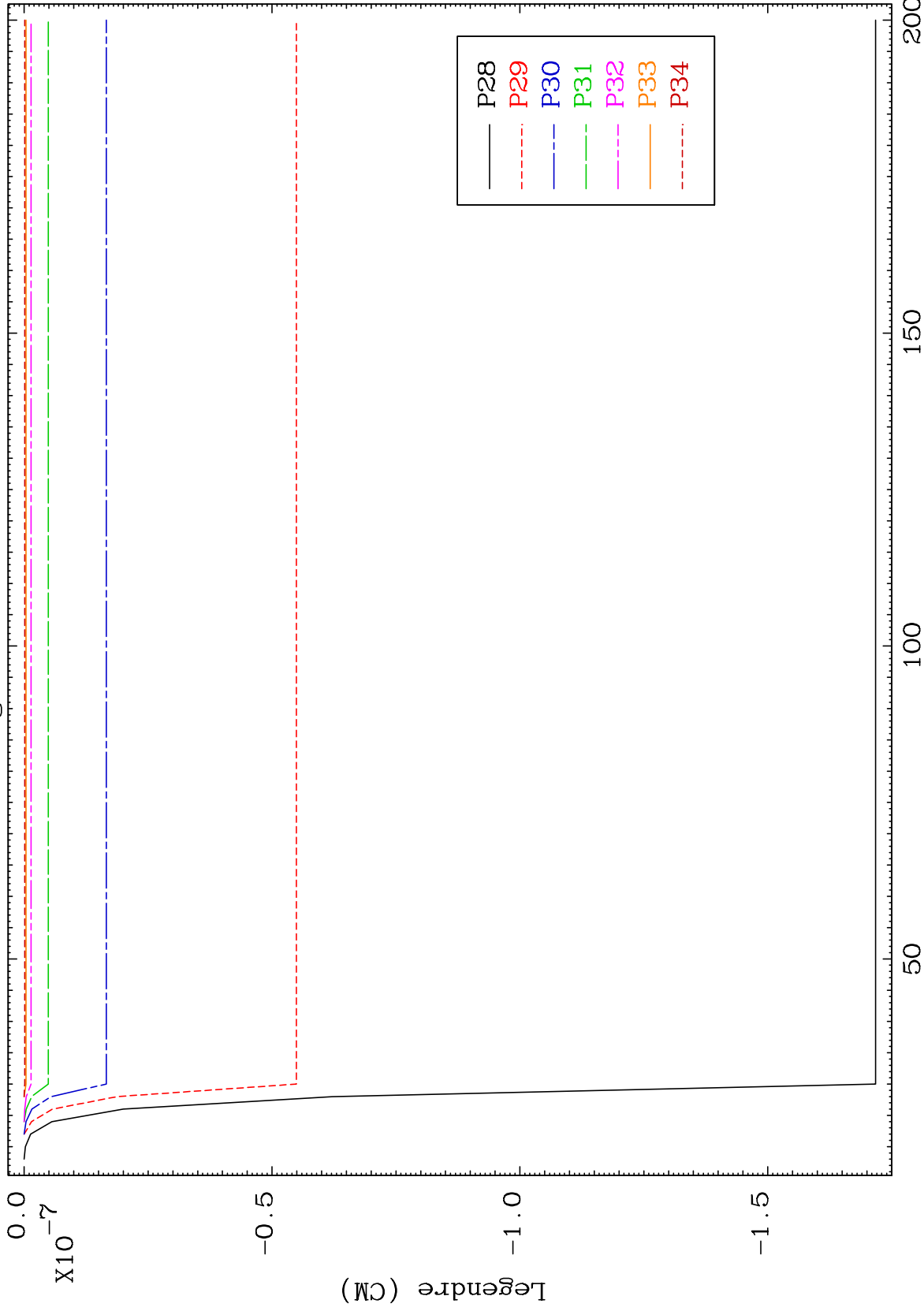
Incident Energy (MeV)

97

MAT 3455

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

34-Se-84



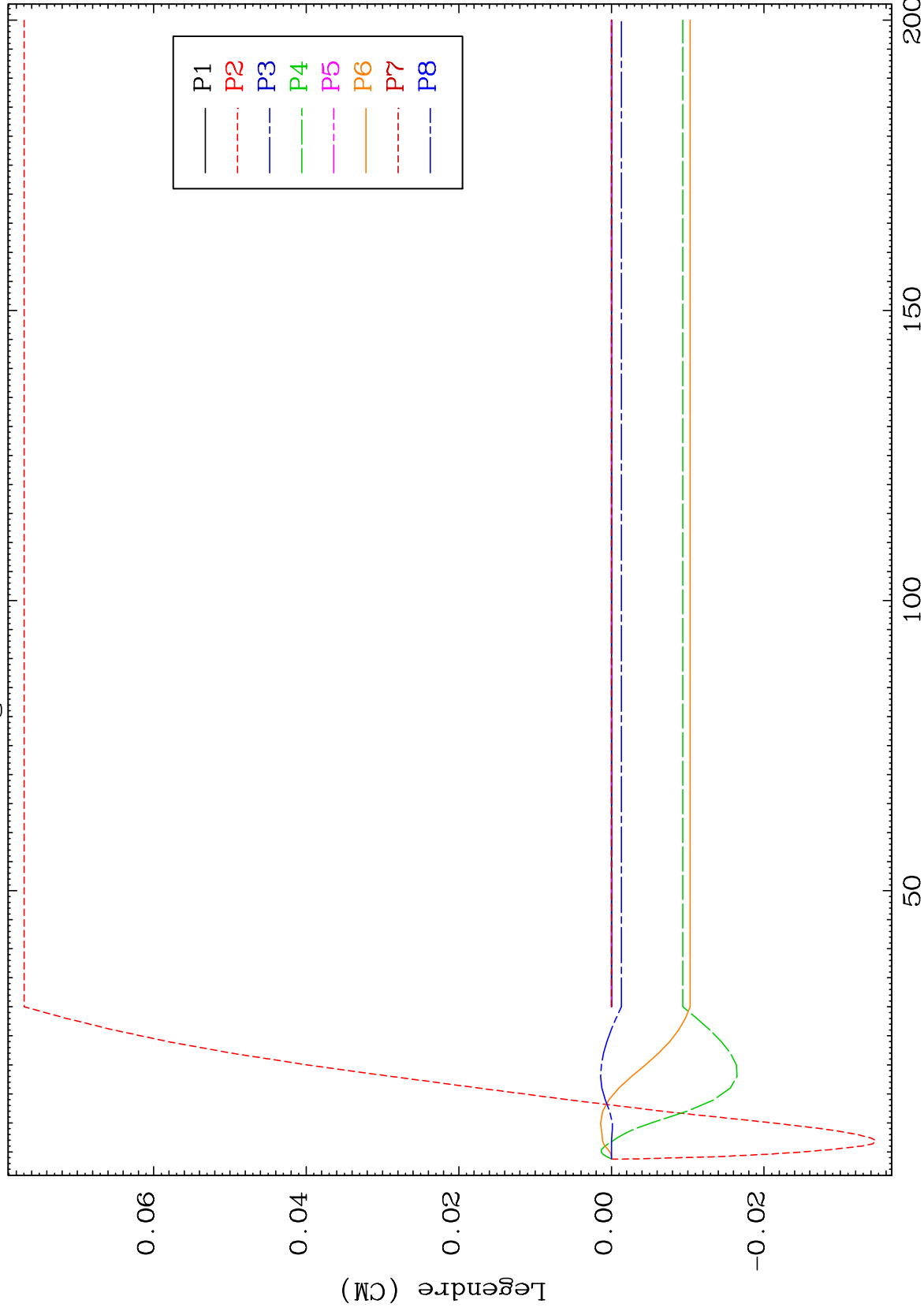
98

34-Se-84

MAT 3455

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

34-Se-84



99

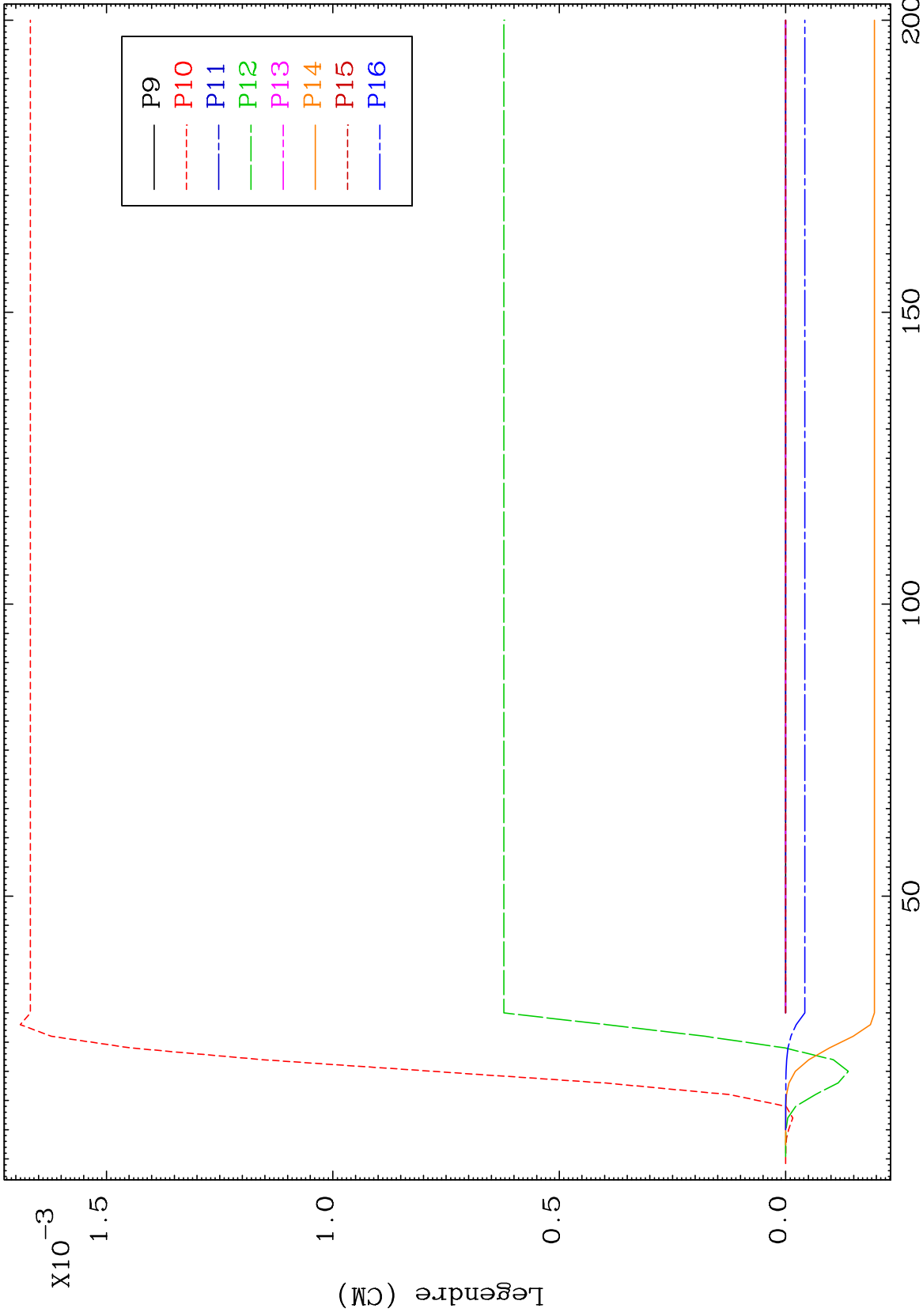
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

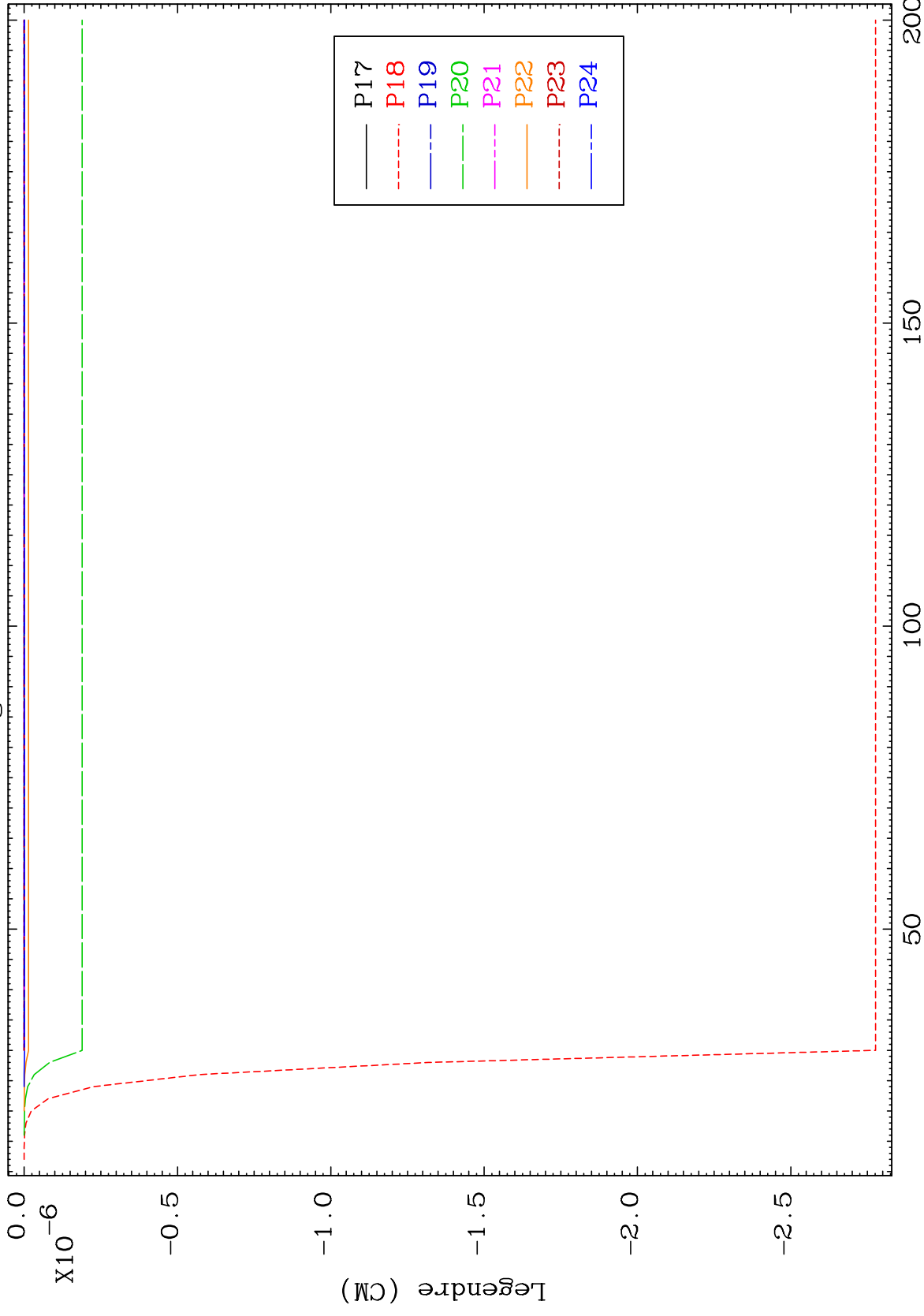
Incident Energy (MeV)

100

MAT 3455

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

34-Se-84



34-Se-84

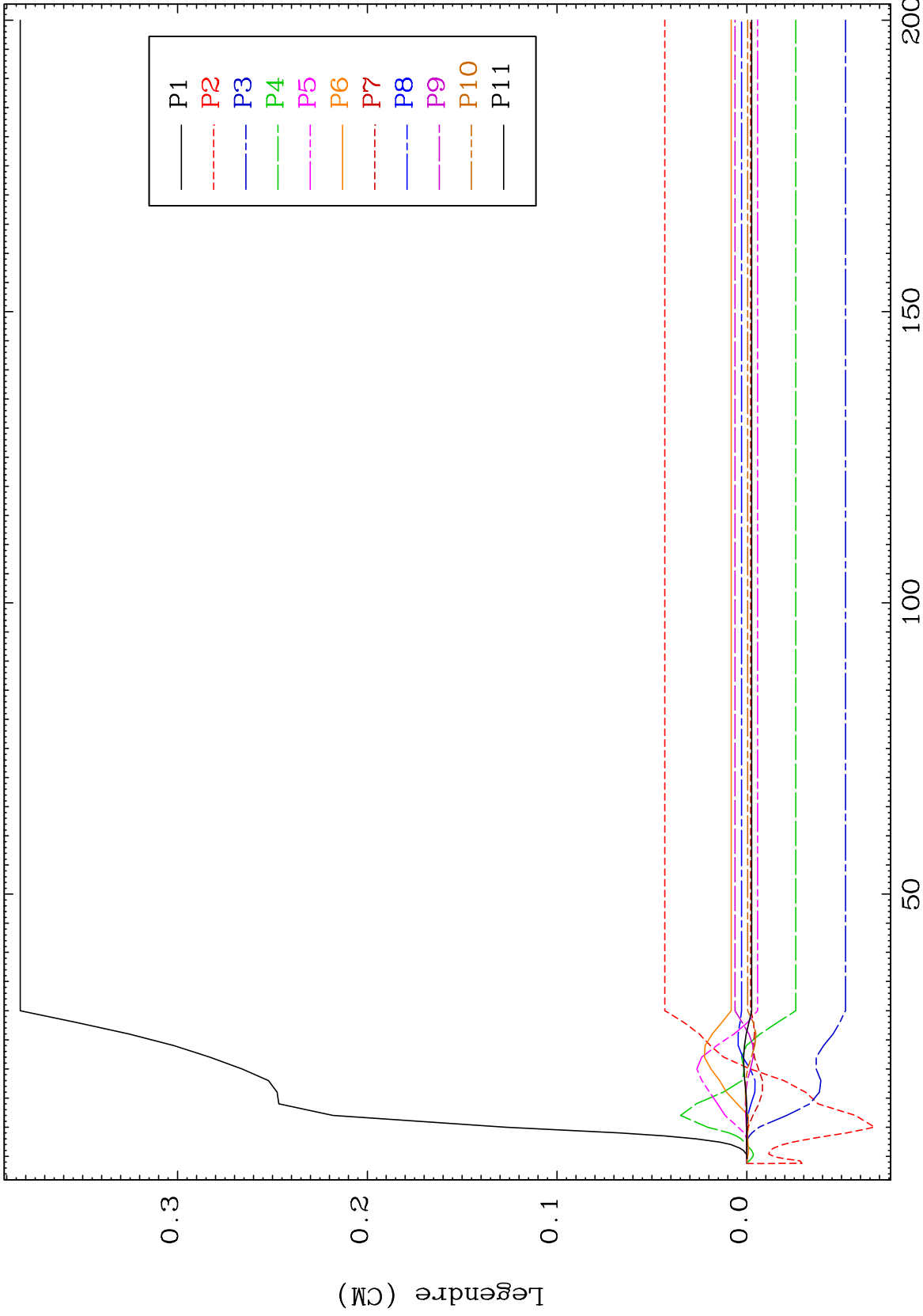
Incident Energy (MeV)

101

MAT 3455

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

34-Se-84



102

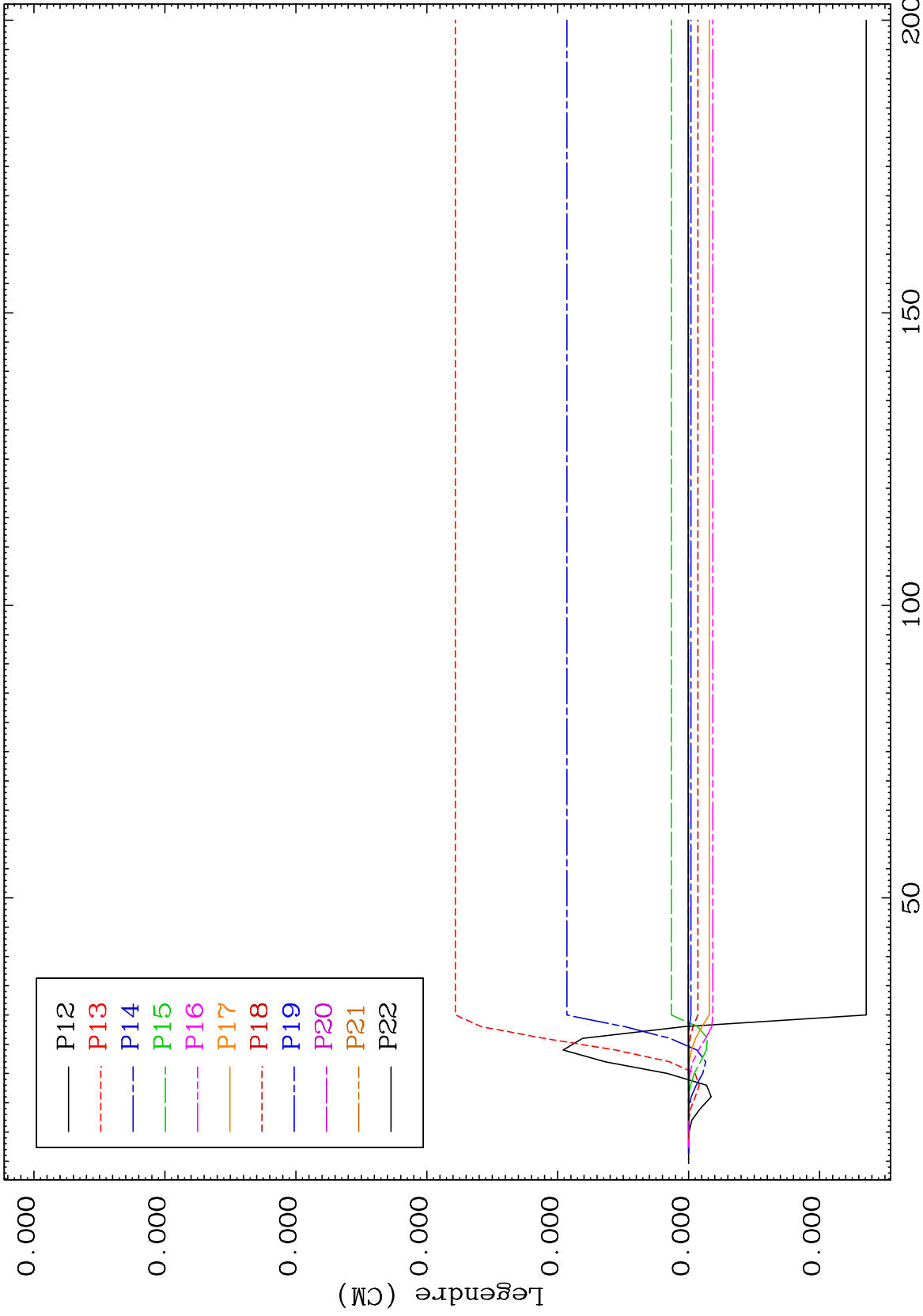
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



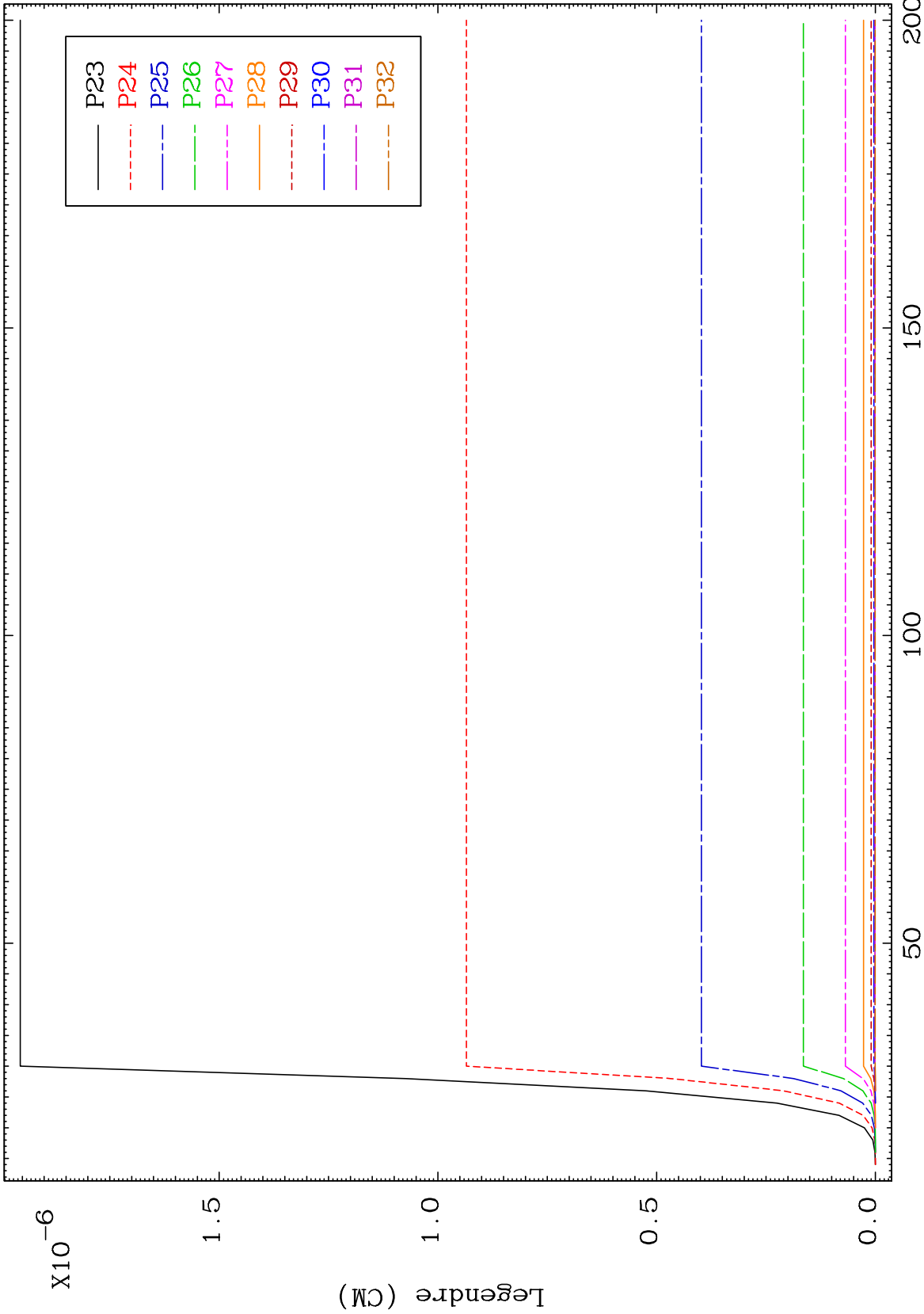
103

34-Se-84

MAT 3455

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

34-Se-84



104

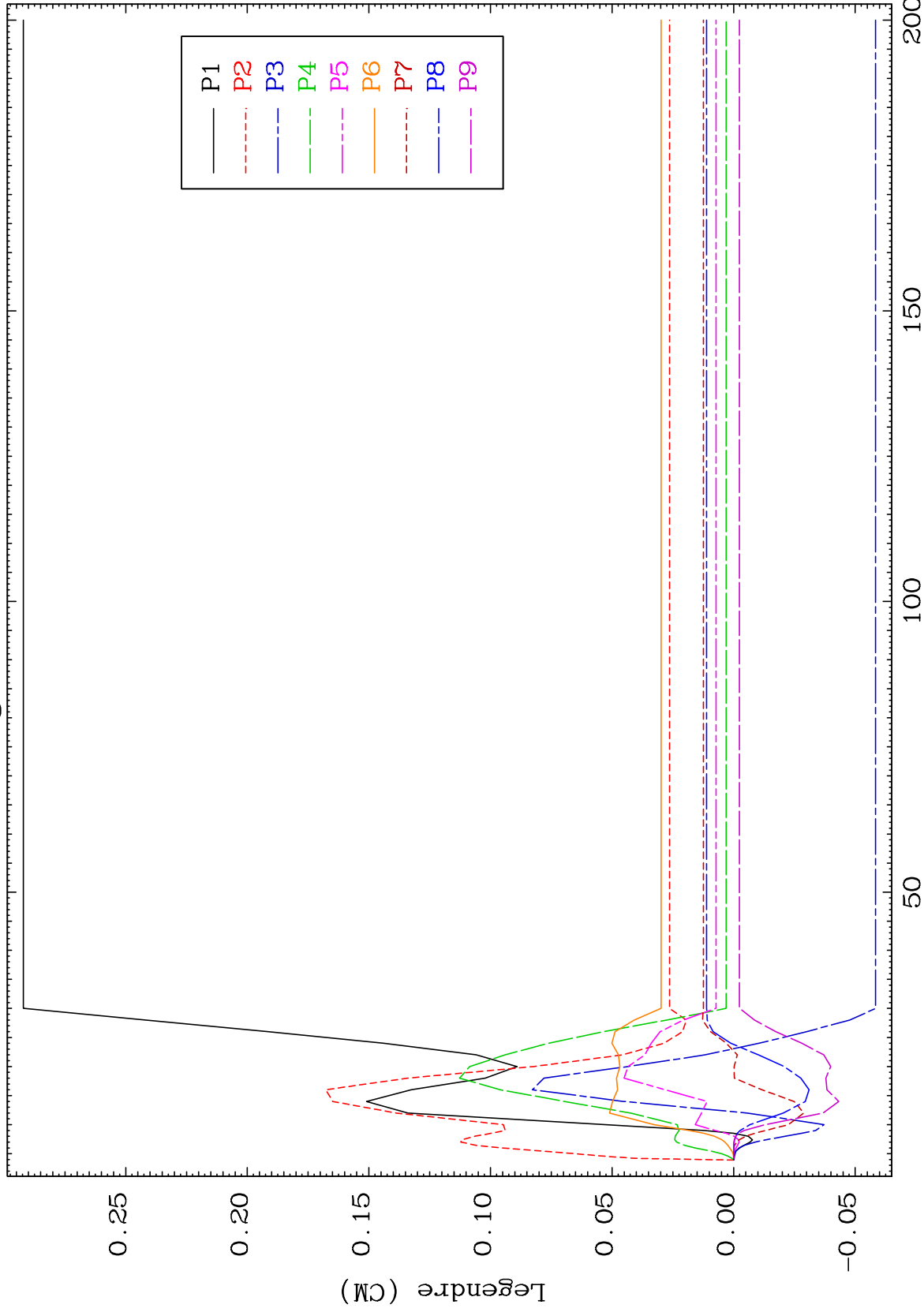
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



105

Incident Energy (MeV)

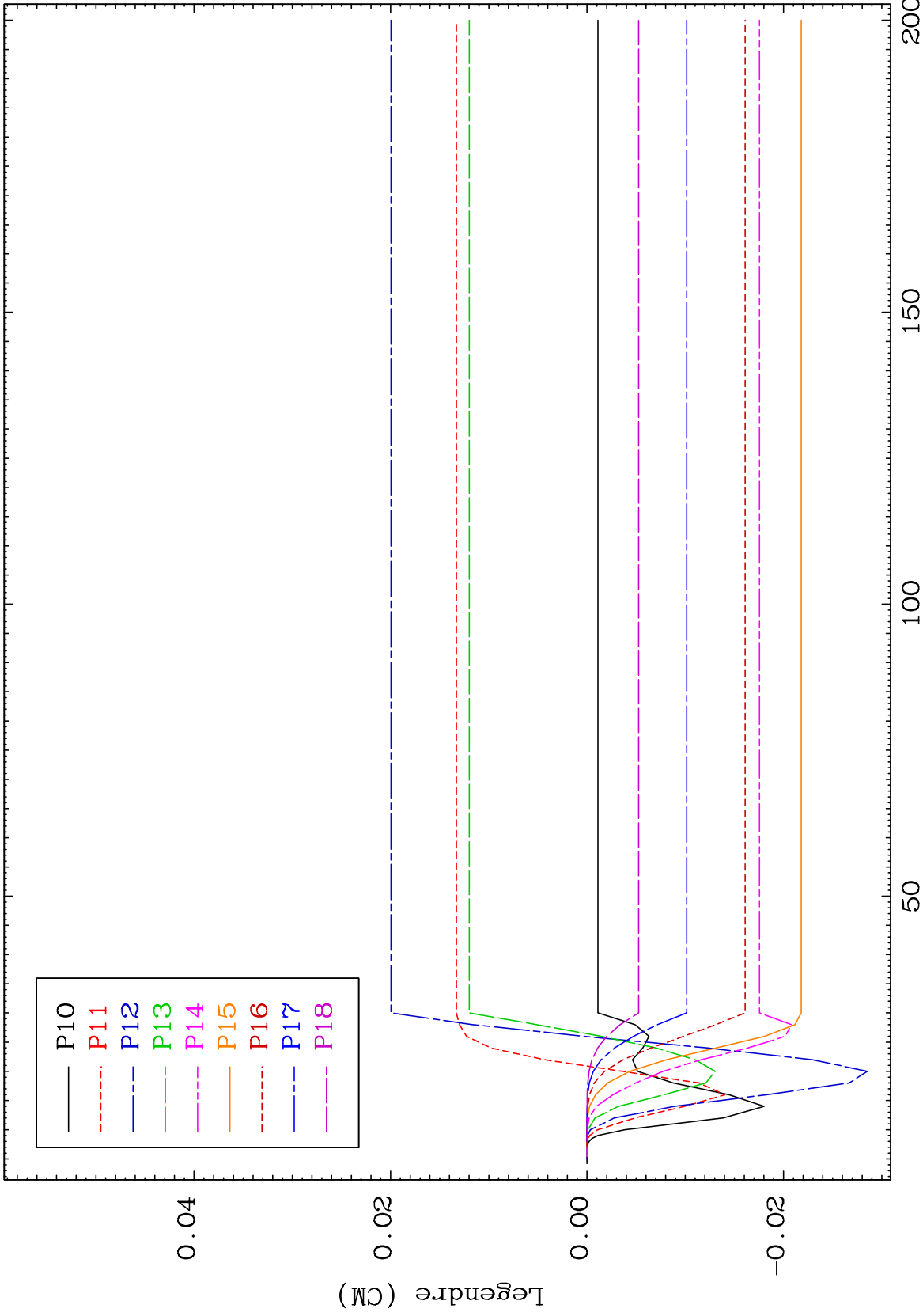
150

34-Se-84

MAT 3455

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

34-Se-84



106

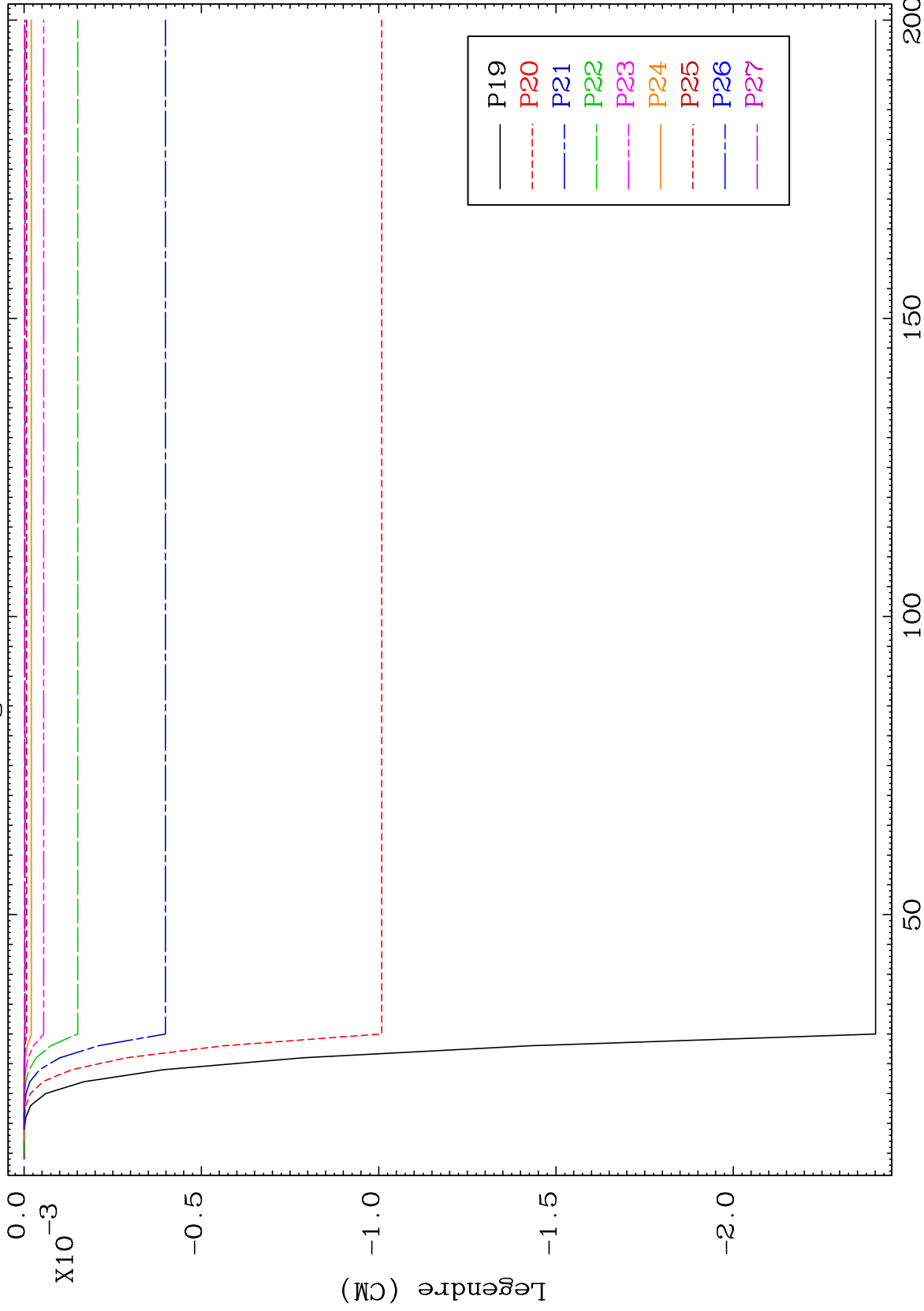
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84

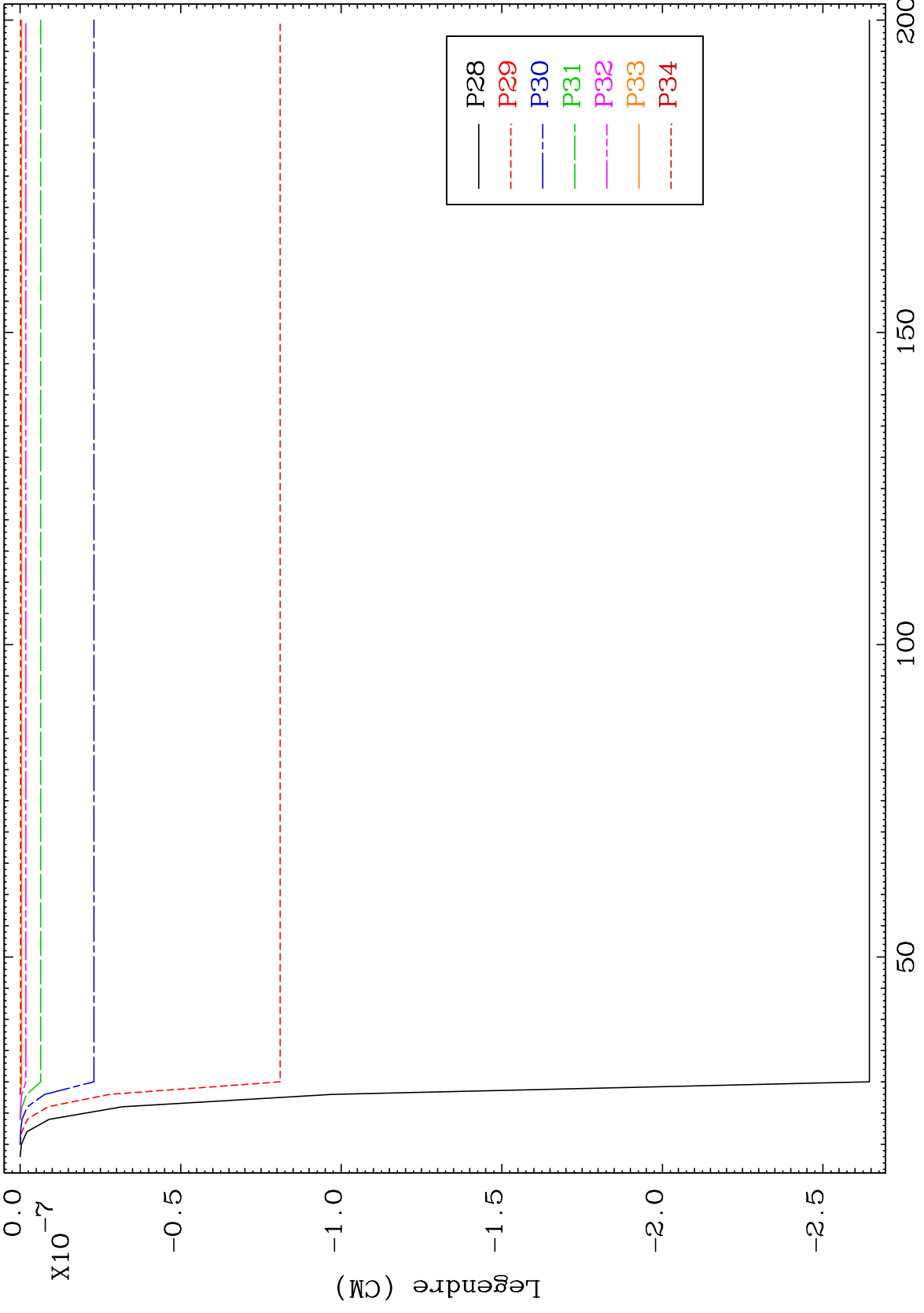


34-Se-84

Incident Energy (MeV)

107

MAT 3455 MT= 76 (n,n') Level Legendre Coefficients 34-Se-84

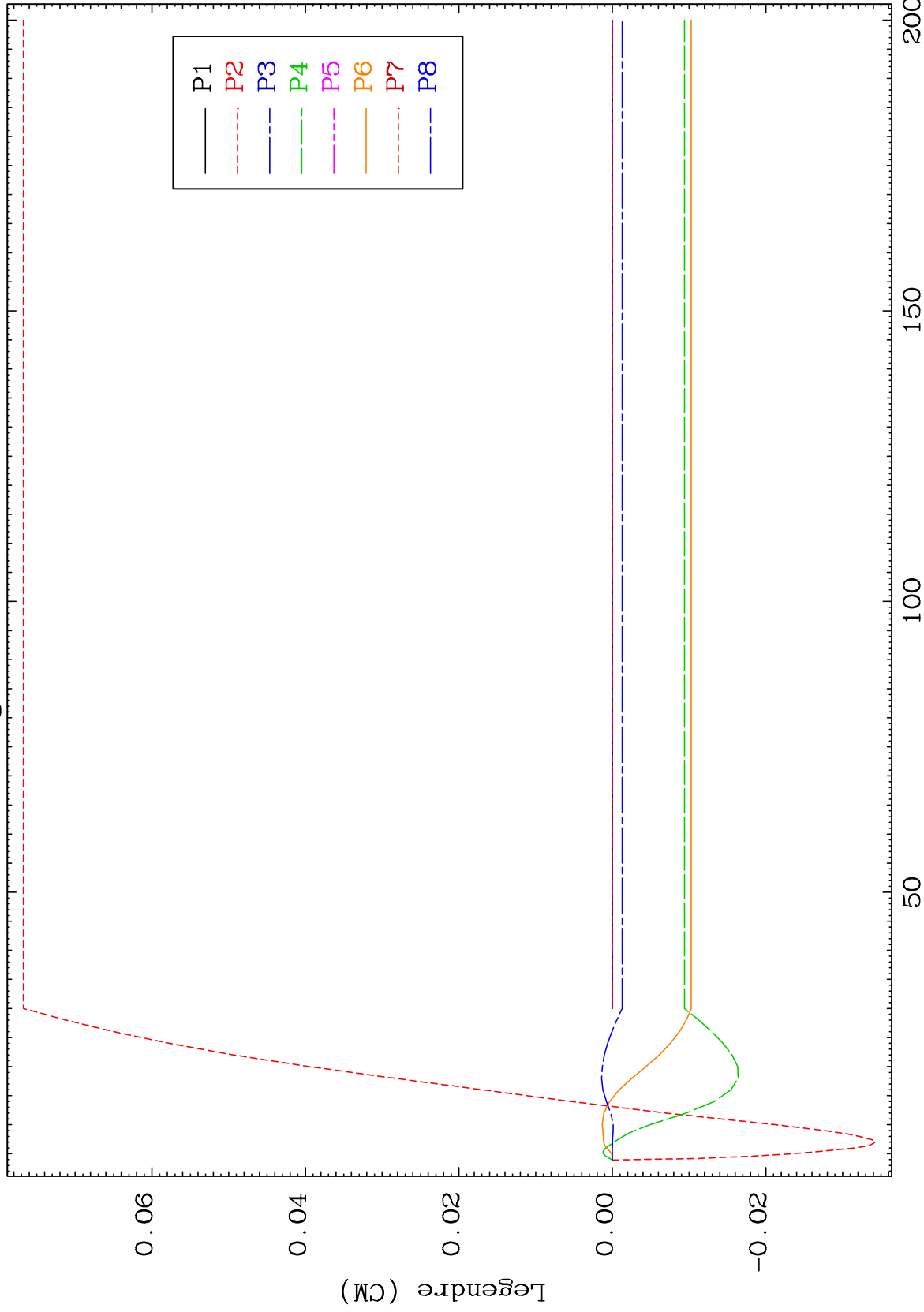


108 34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

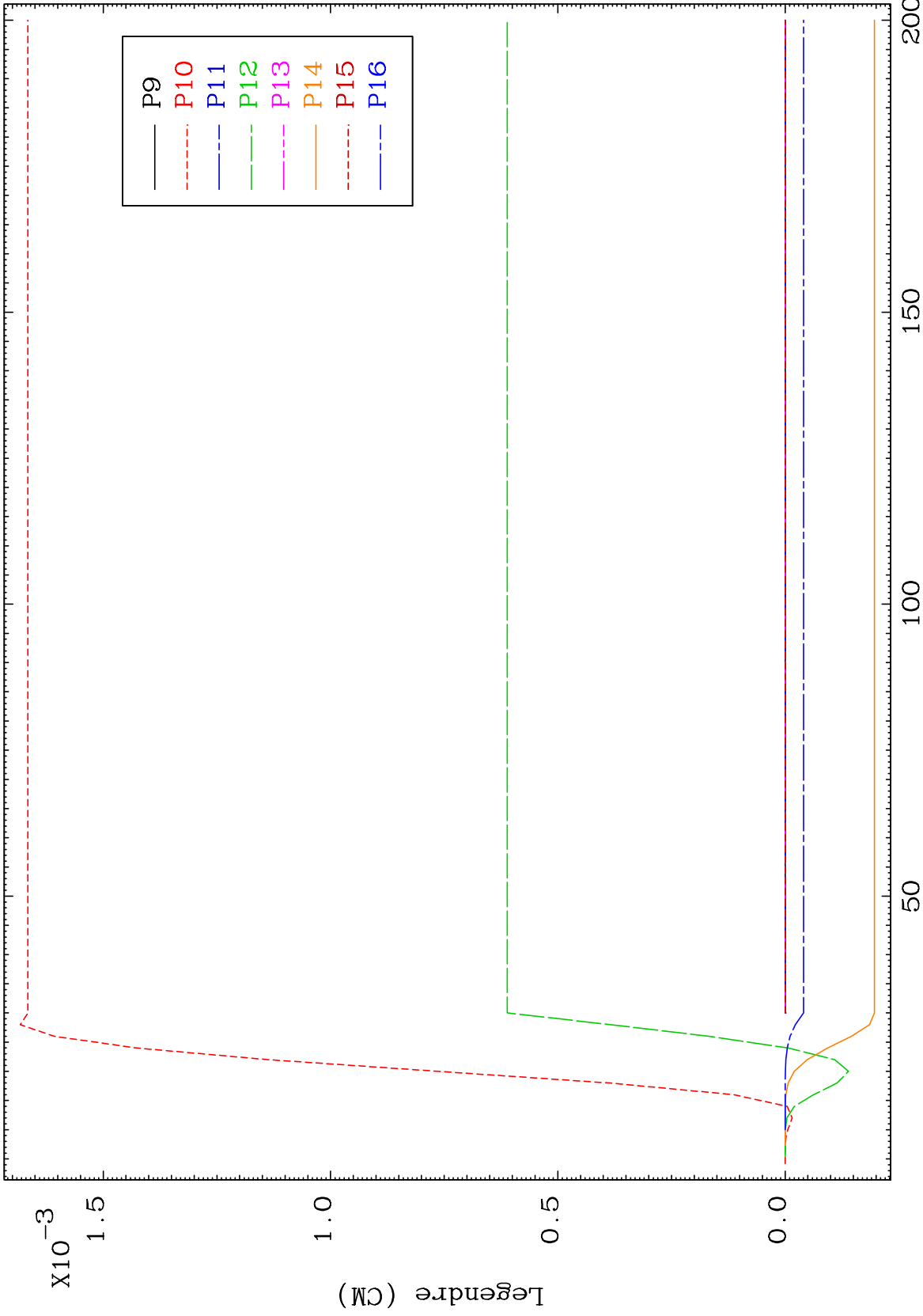
Incident Energy (MeV)

109

MAT 3455

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

34-Se-84



110

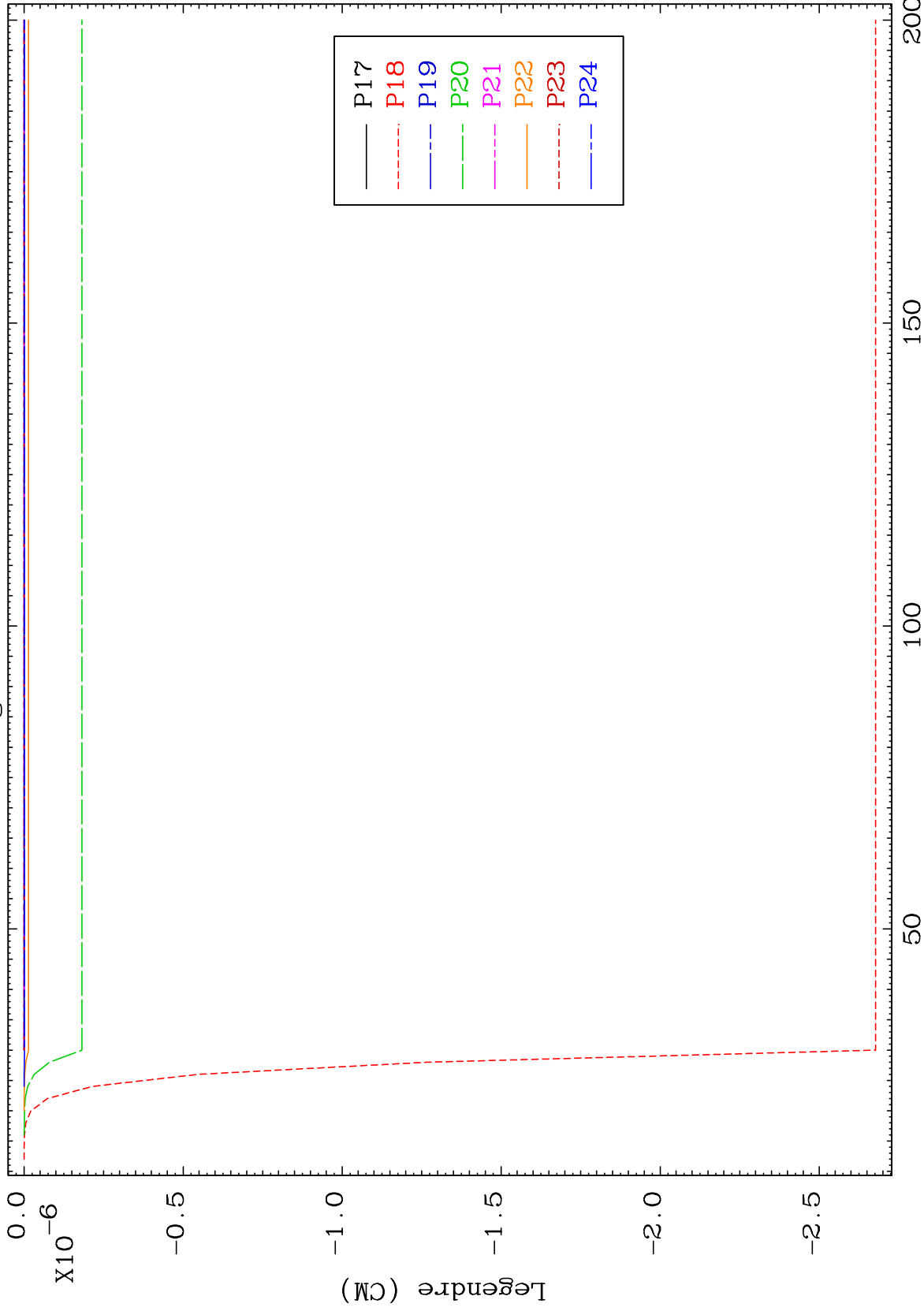
Incident Energy (MeV)

34-Se-84

MAT 3455

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

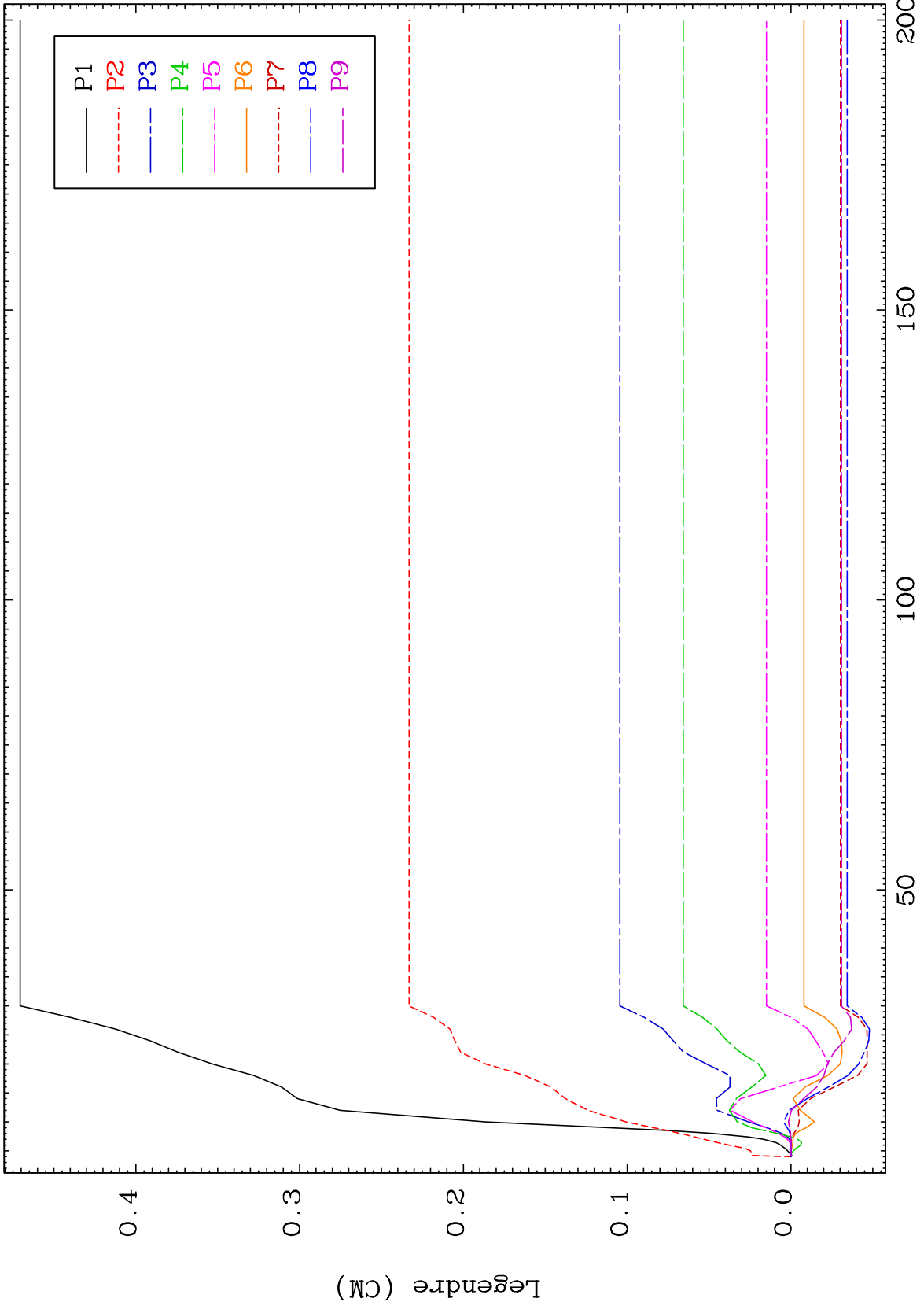
34-Se-84



111

Incident Energy (MeV)

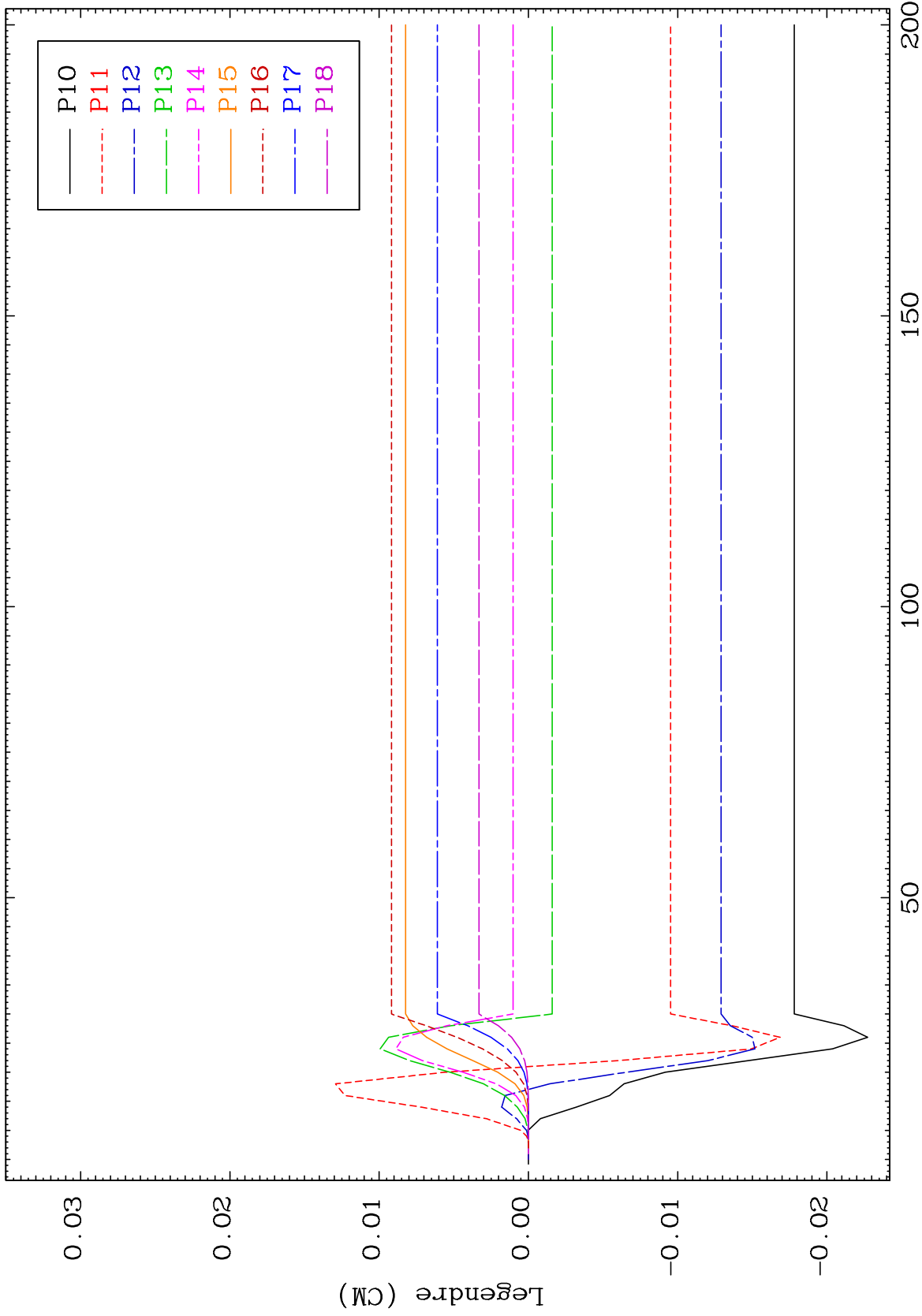
34-Se-84



MAT 3455

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

<sup>34</sup>Se-84



113

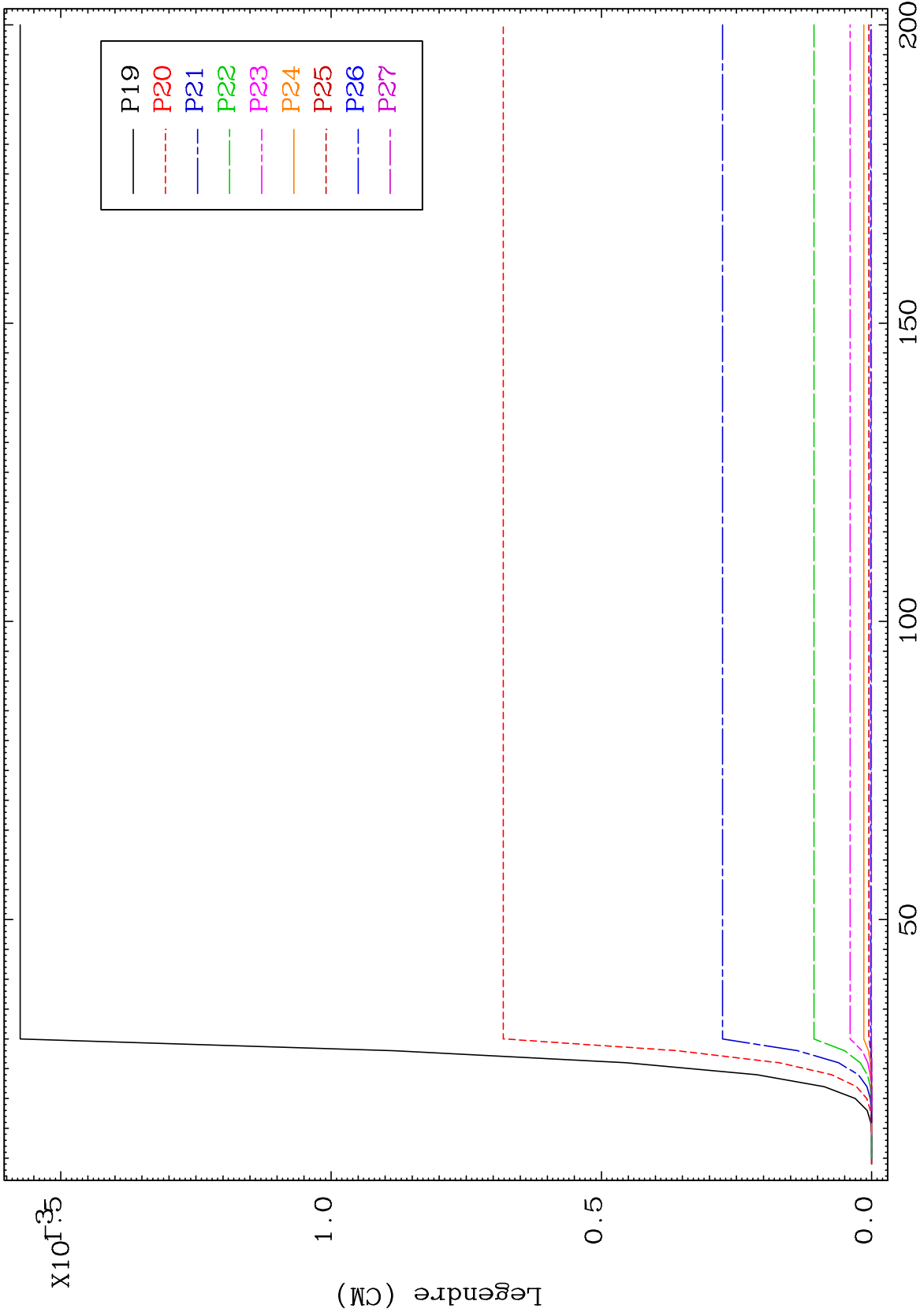
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

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

34-Se-84



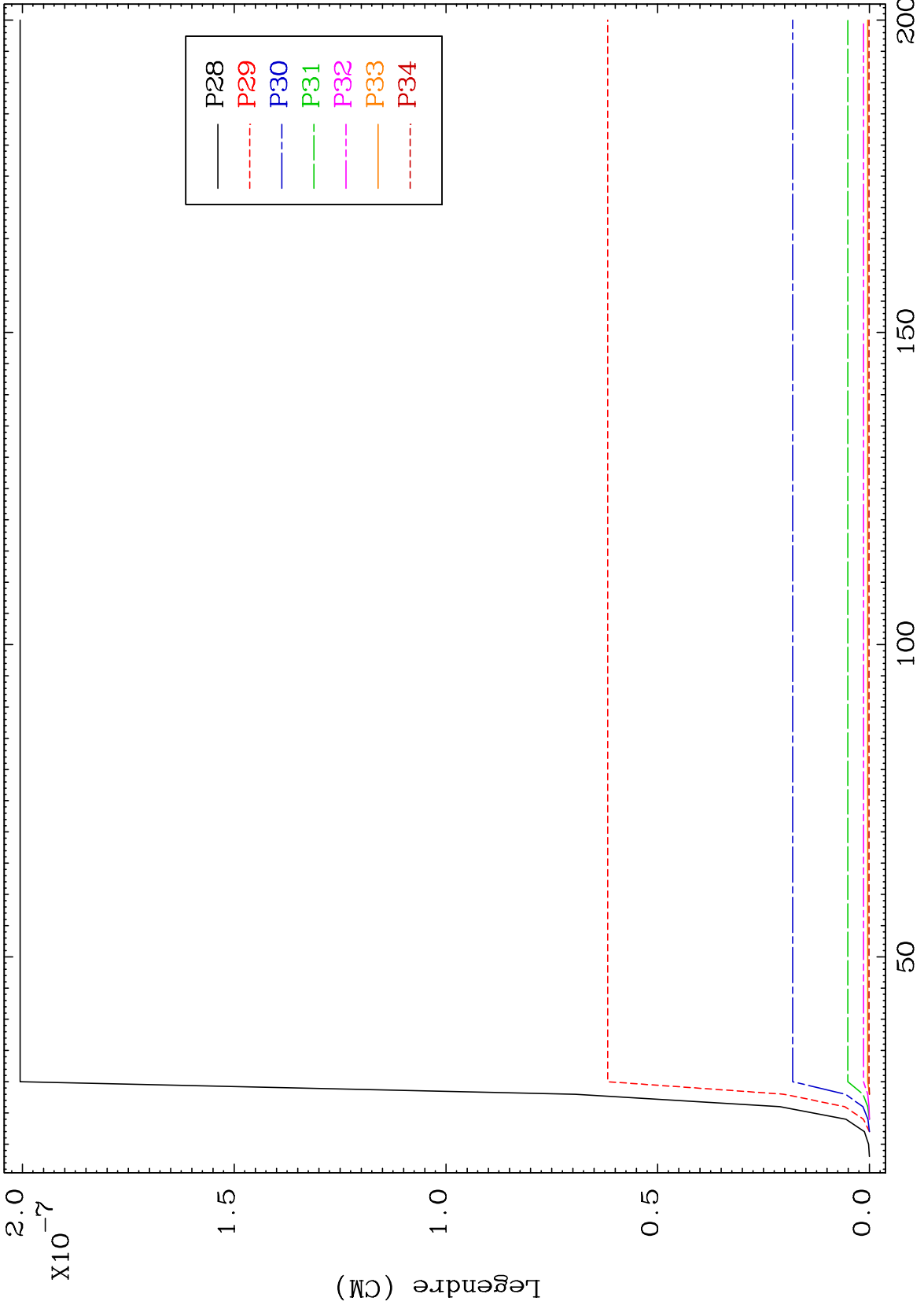
114

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

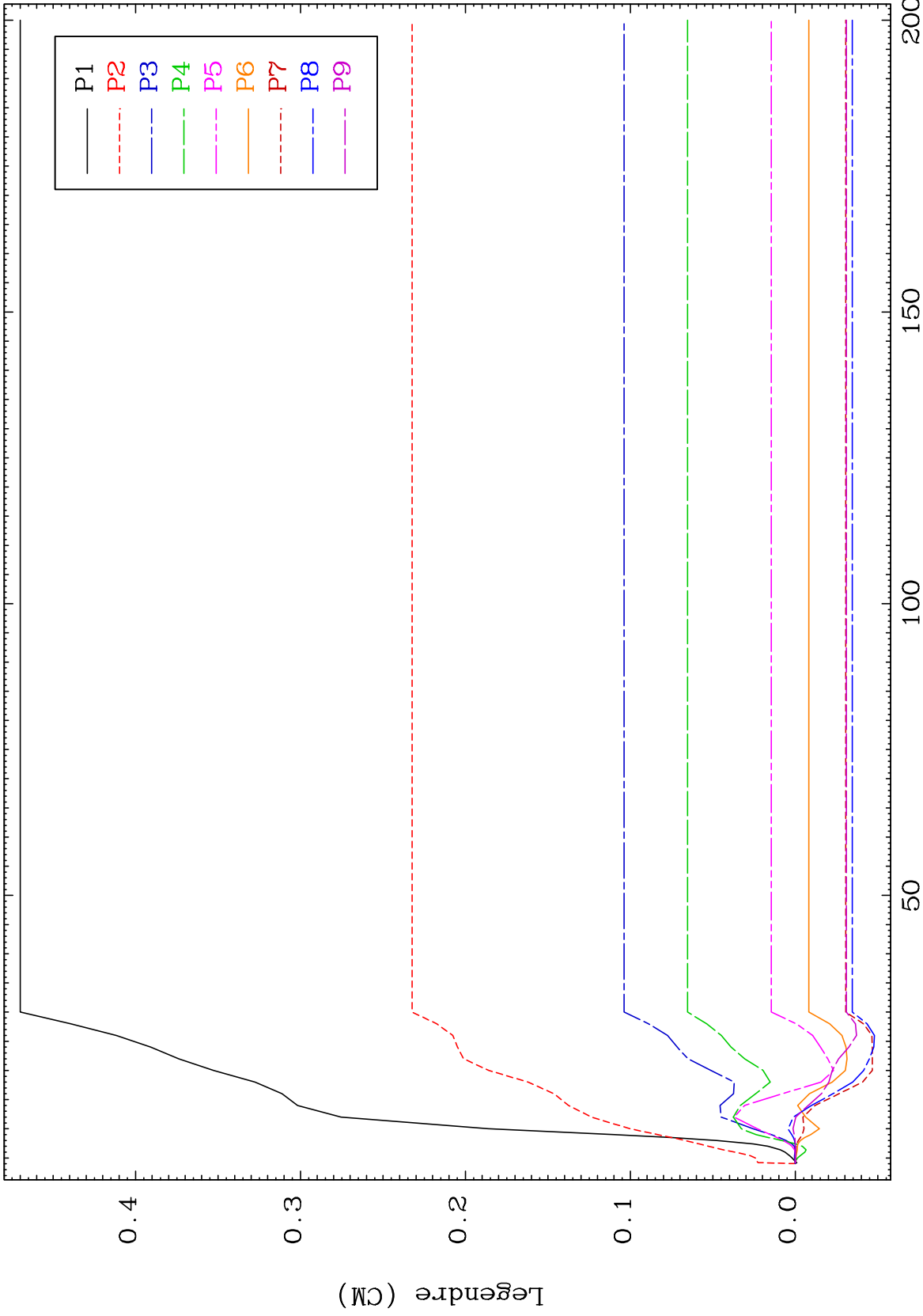
Incident Energy (MeV)

115

MAT 3455

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

34-Se-84



116

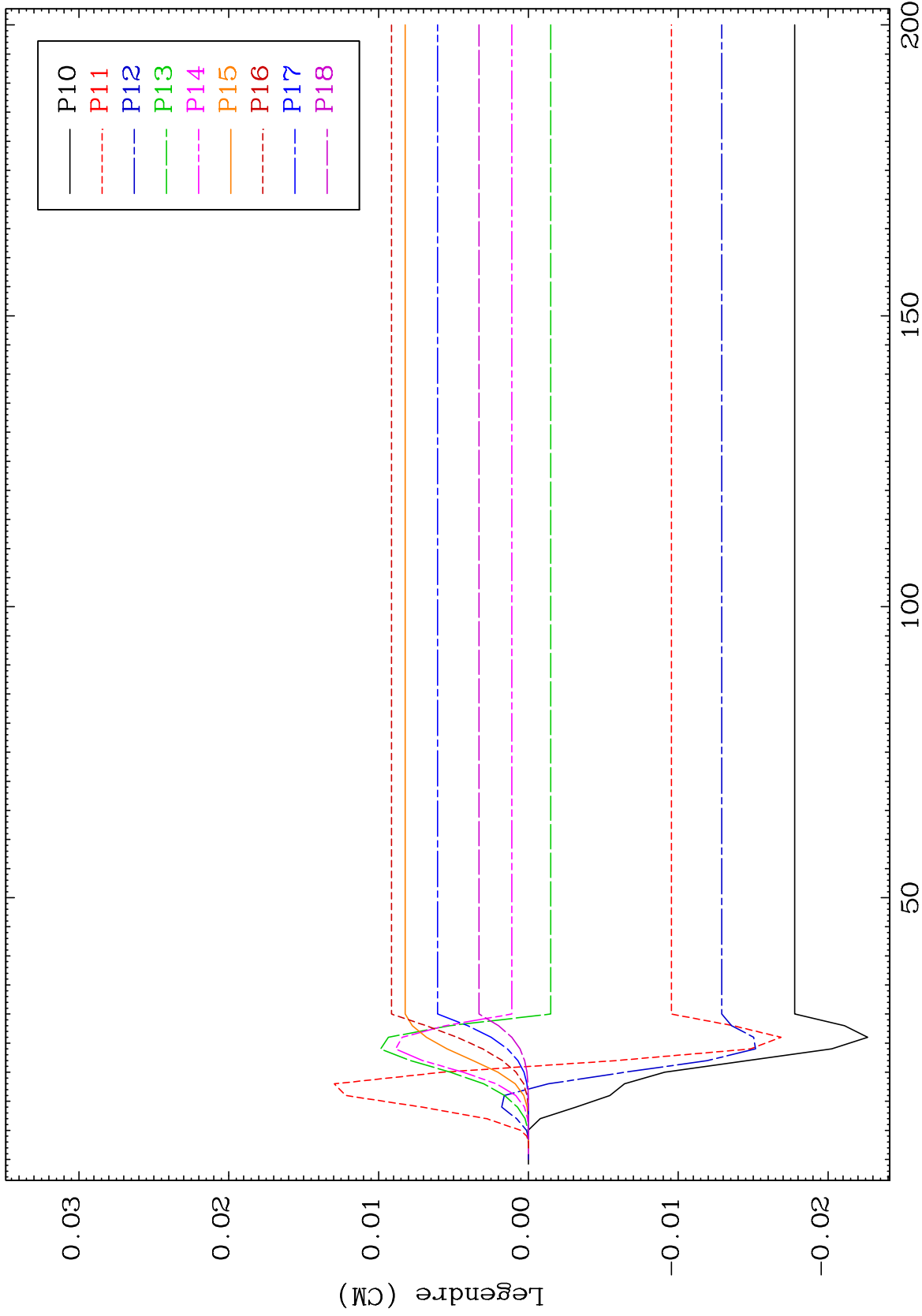
Incident Energy (MeV)

34-Se-84

MAT 3455

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

<sup>34</sup>Se-84



117

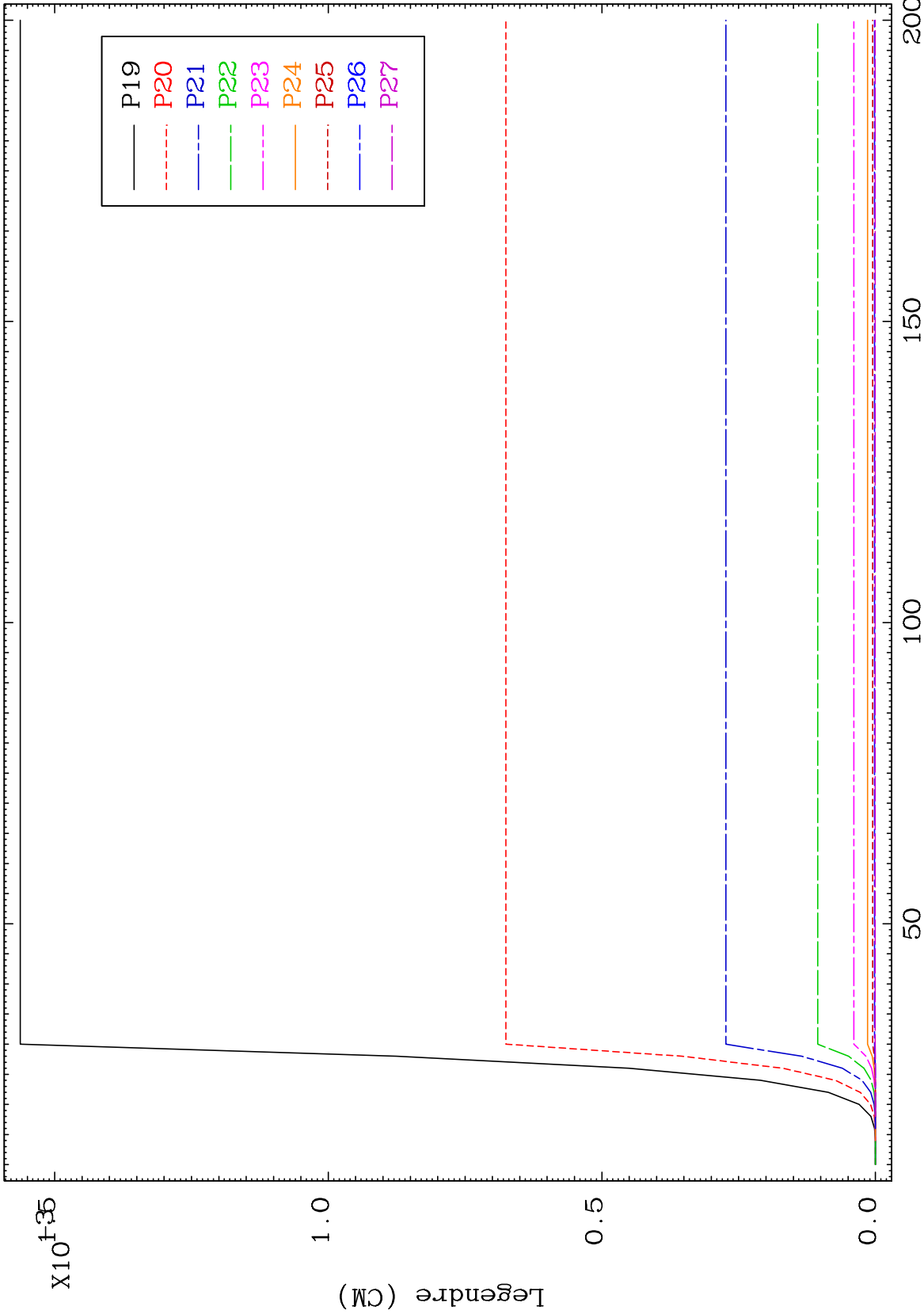
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

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

34-Se-84



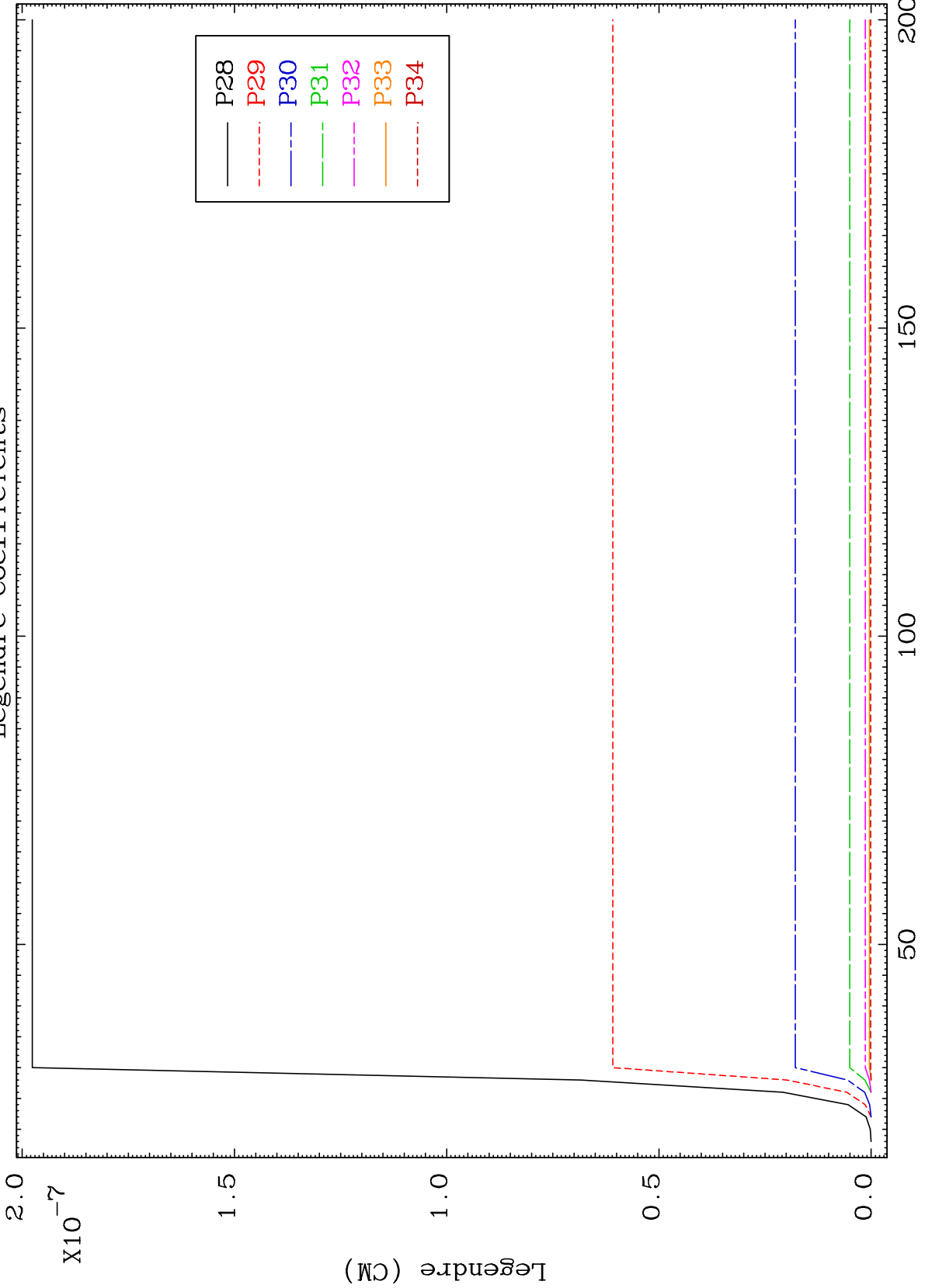
118

34-Se-84

MAT 3455

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

34-Se-84



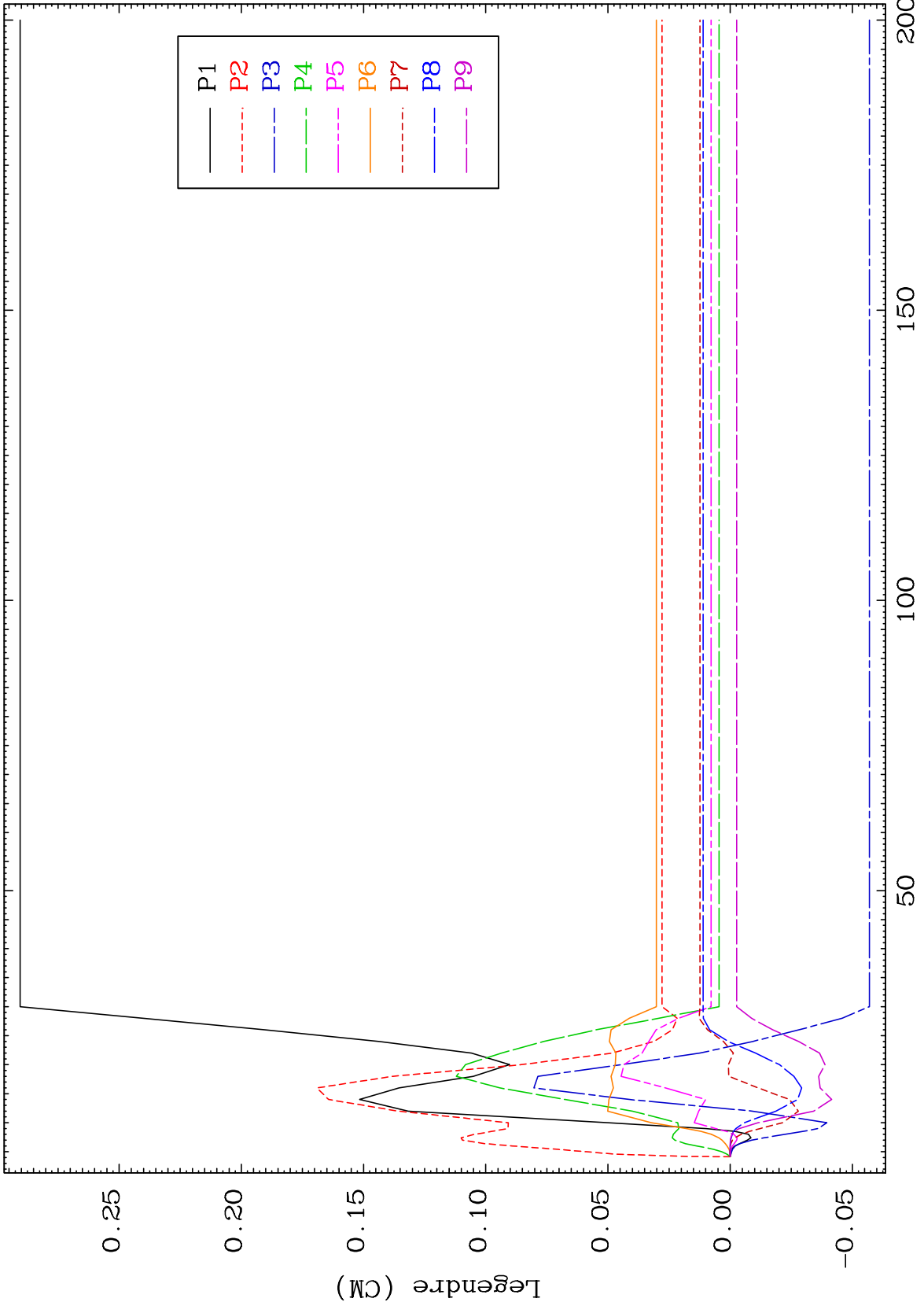
119

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

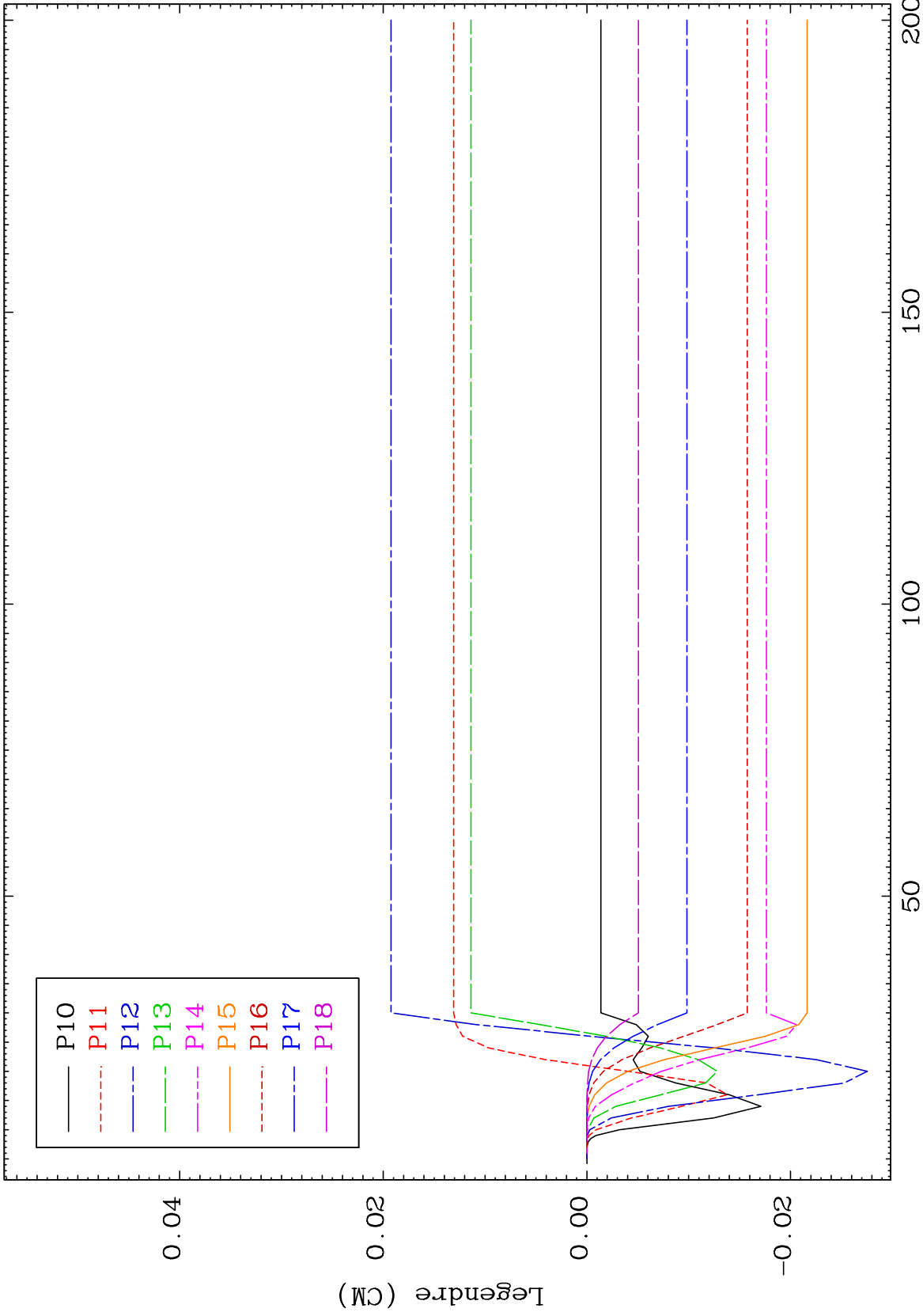
Incident Energy (MeV)

Legendre (CM)

MAT 3455

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

34-Se-84



121

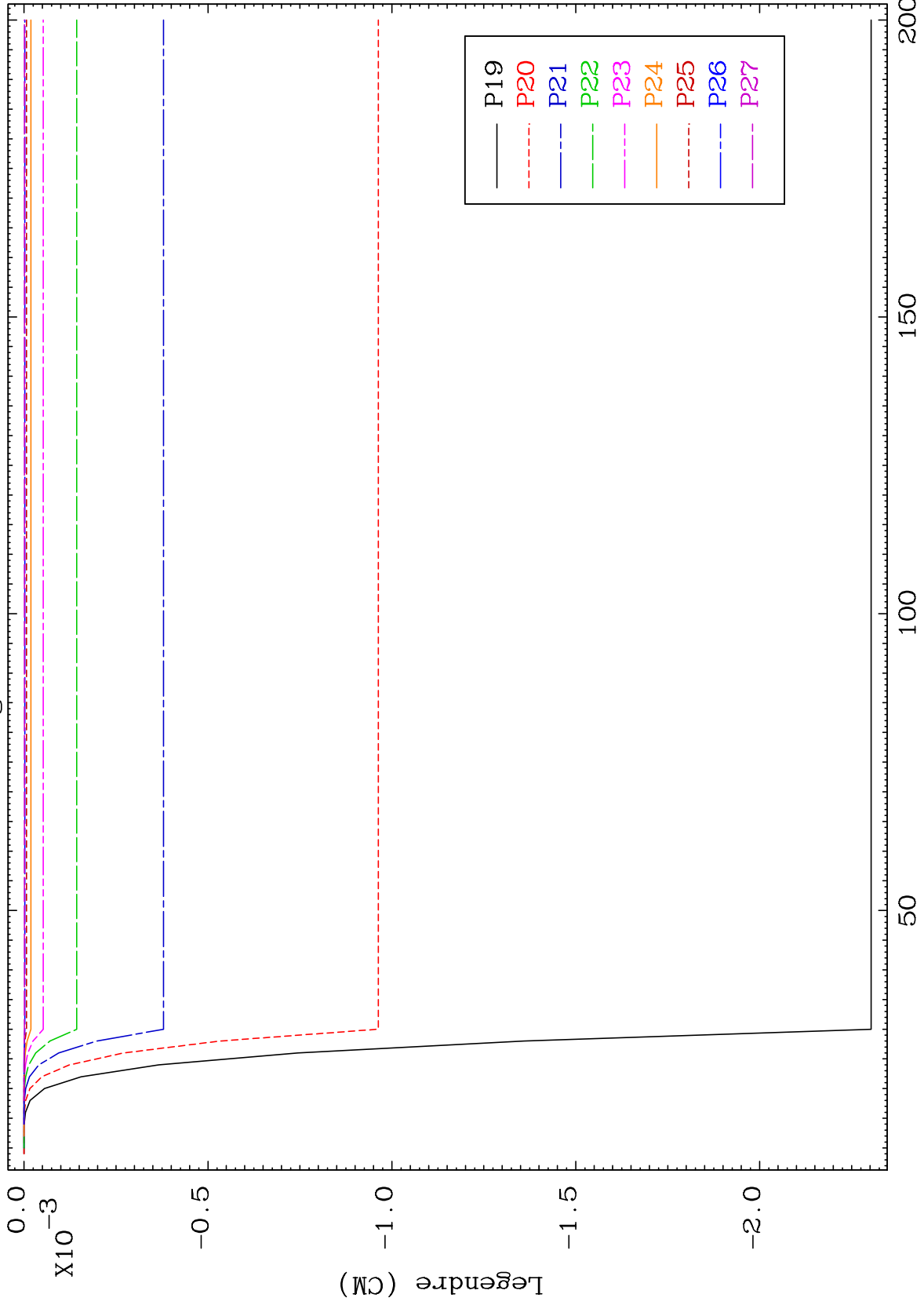
Incident Energy (MeV)

34-Se-84

MAT 3455

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

34-Se-84



34-Se-84

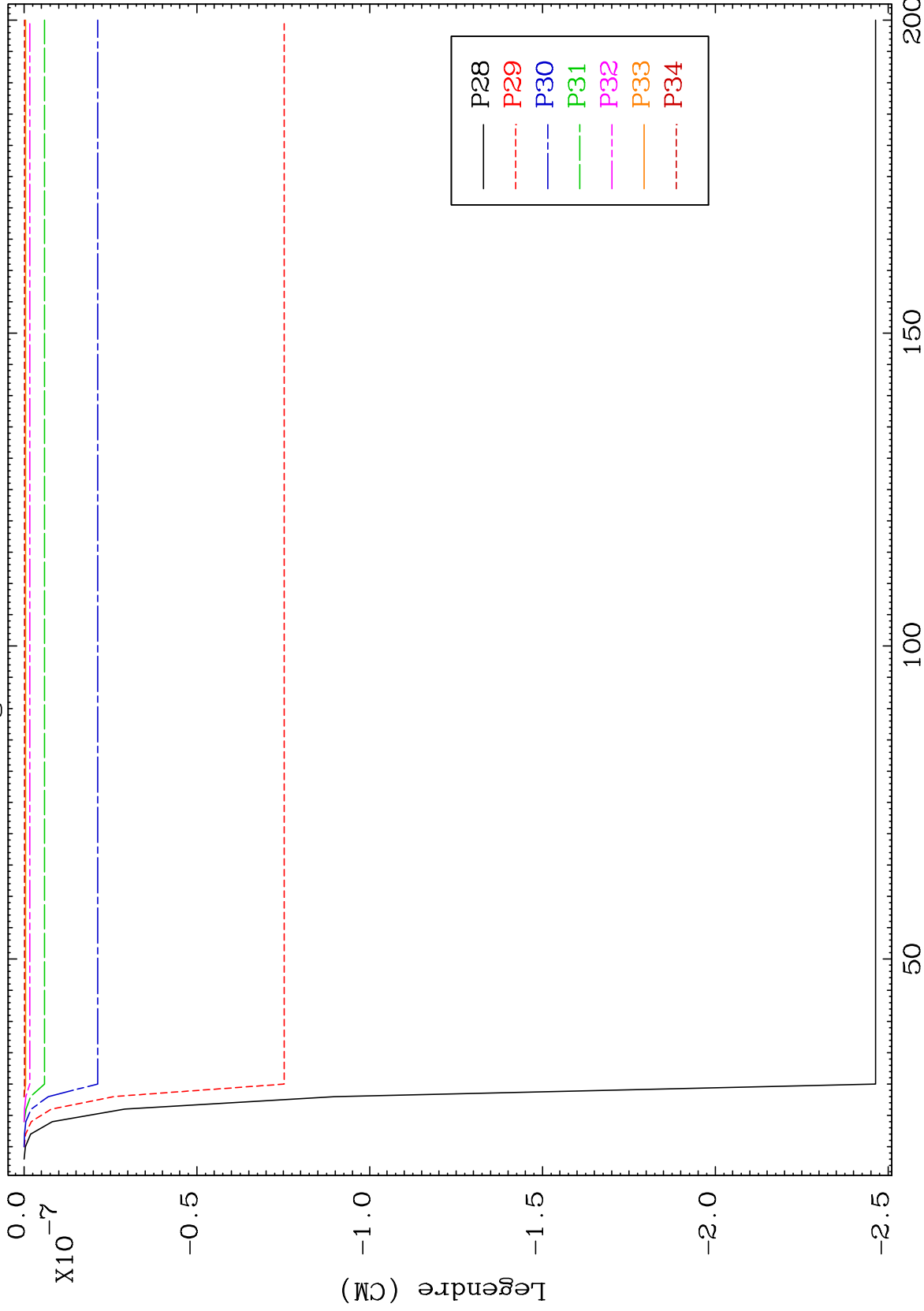
Incident Energy (MeV)

122

MAT 3455

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

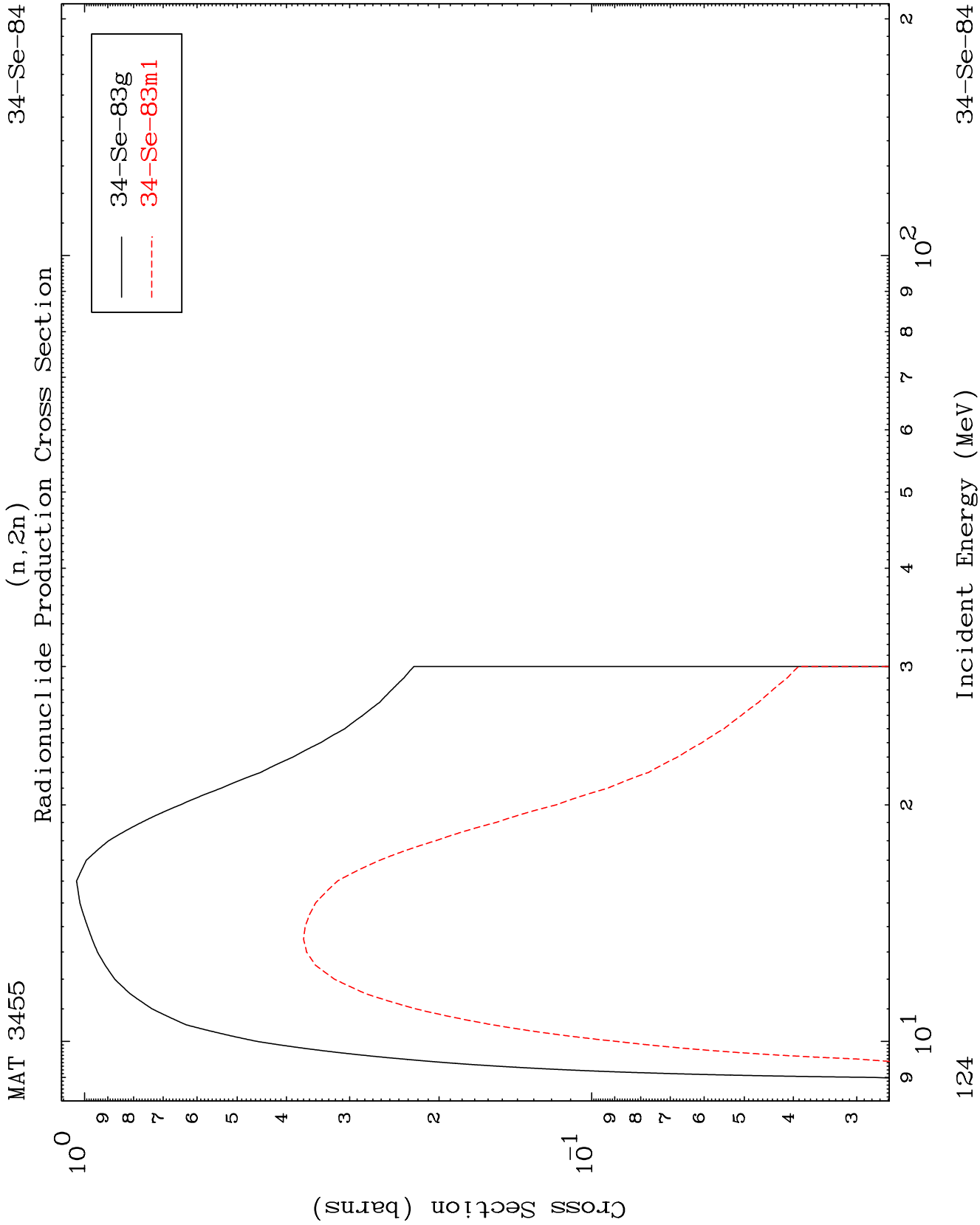
34-Se-84



34-Se-84

Incident Energy (MeV)

123

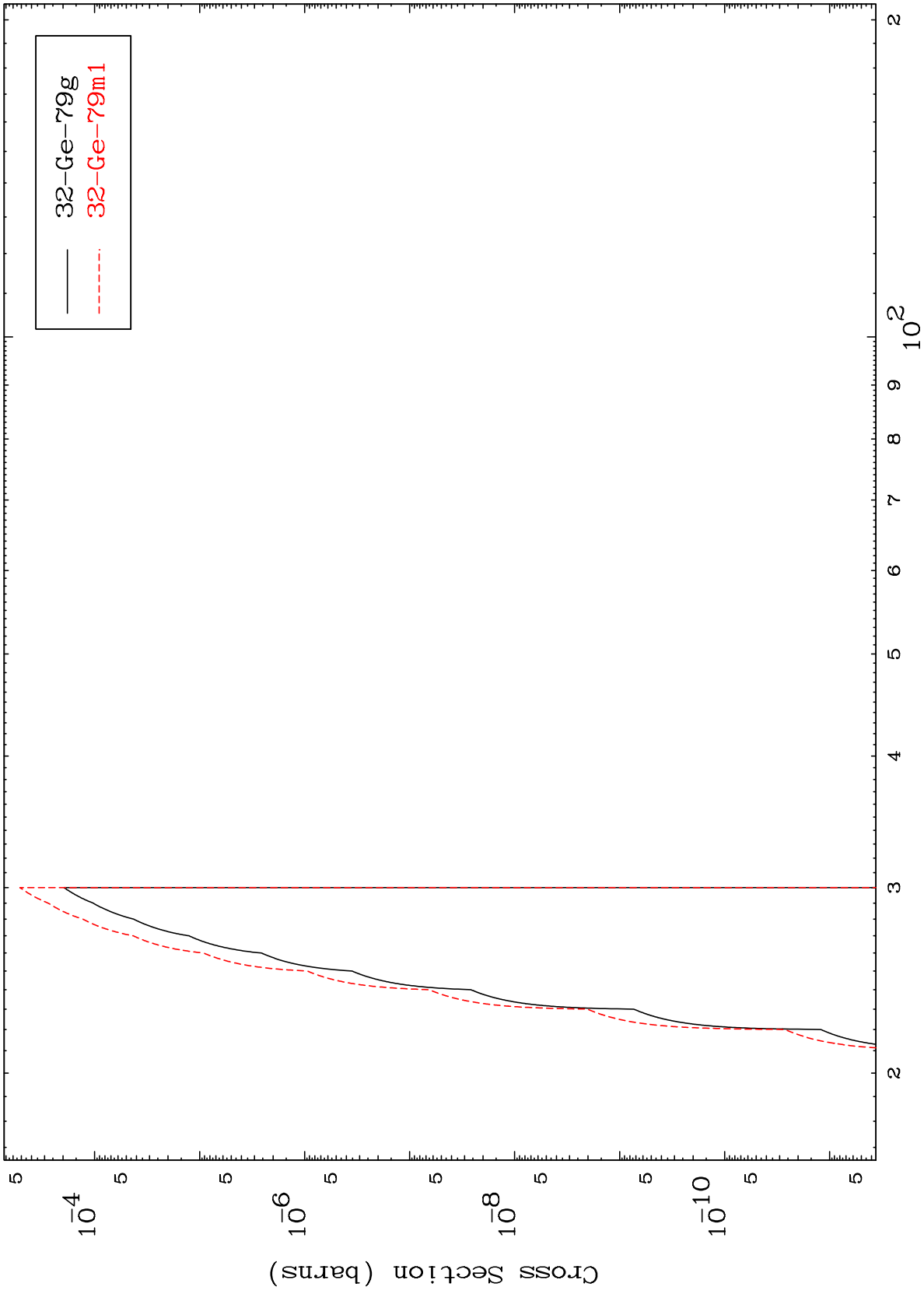


MAT 3455

(n,2n)  $\alpha$

34-<sup>Se</sup>-84

Radionuclide Production Cross Section



125

Incident Energy (MeV)

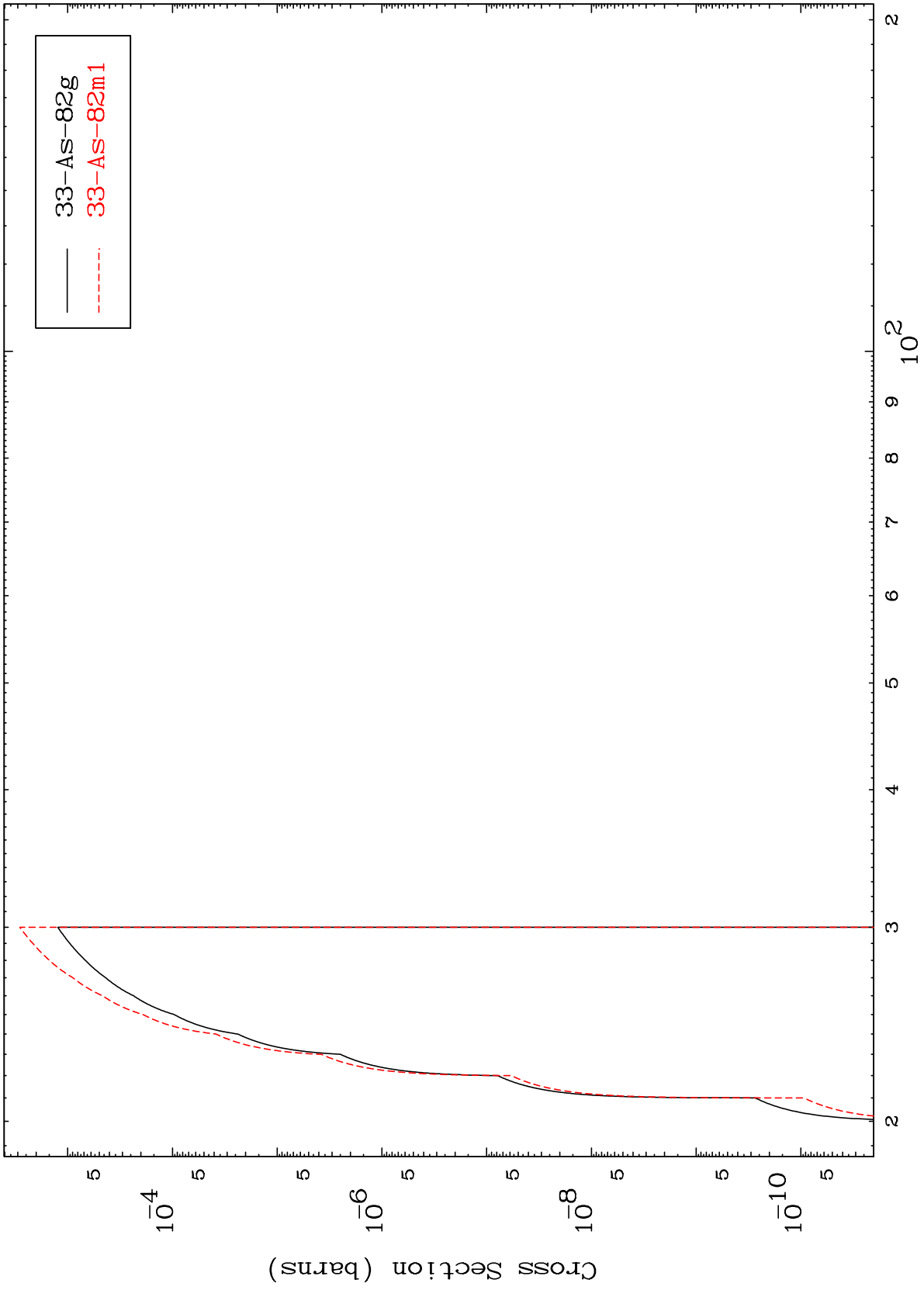
34-<sup>Se</sup>-84

MAT 3455

(n,n') d

<sup>34</sup>Se-84

Radionuclide Production Cross Section



126

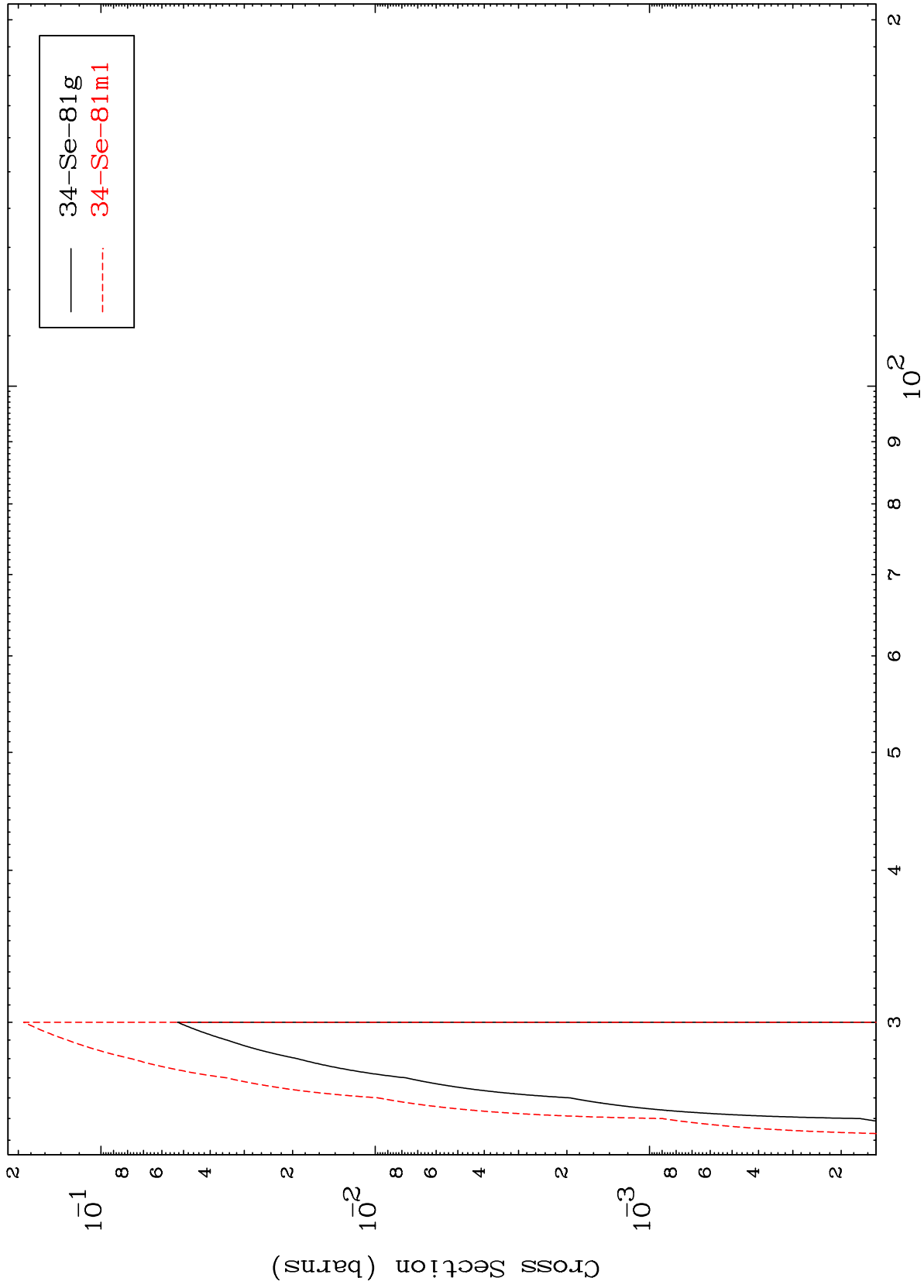
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

<sup>34</sup>Se-84

(n,4n)  
Radionuclide Production Cross Section



127

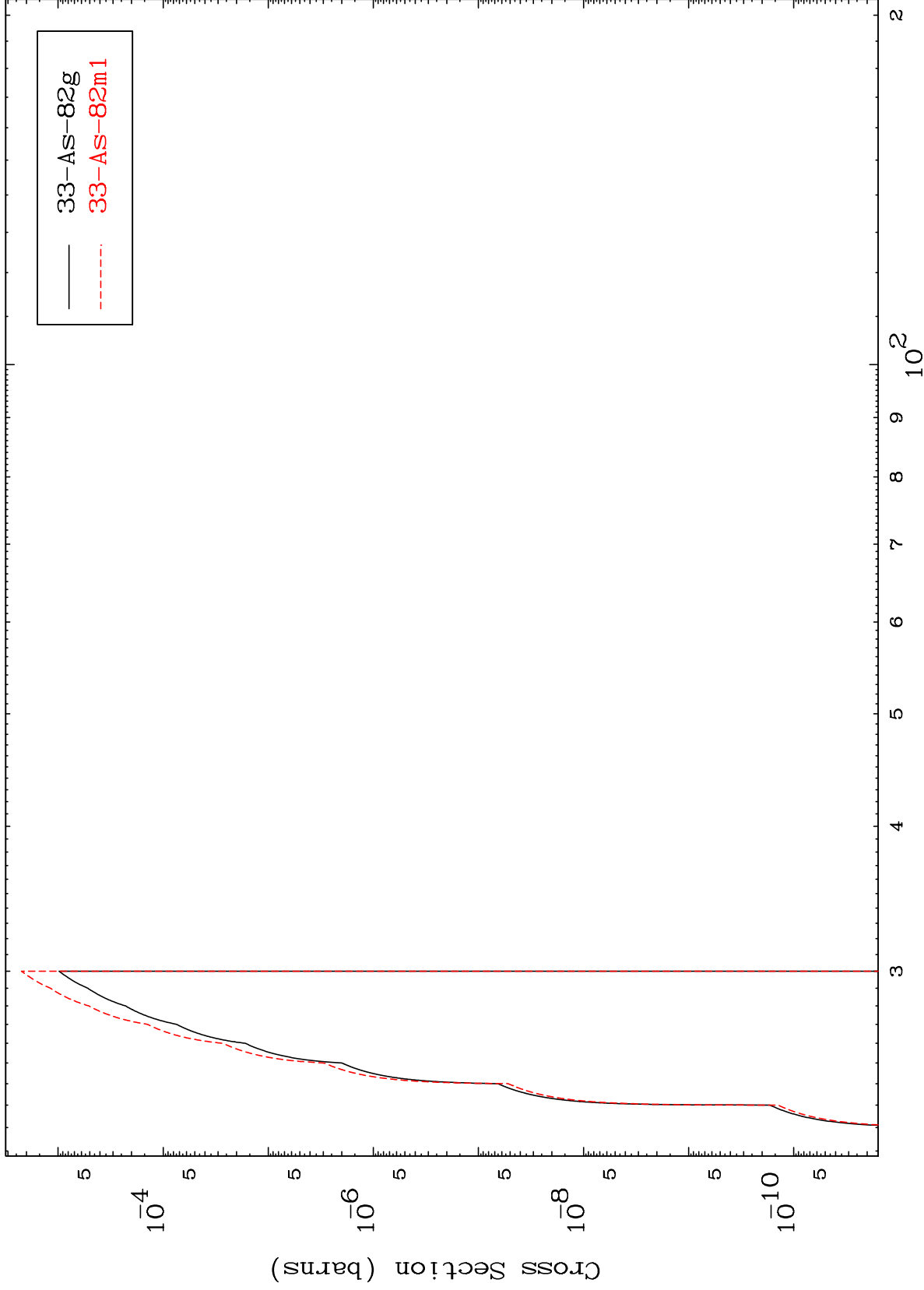
<sup>34</sup>Se-84

MAT 3455

(n,2n) p

<sup>34</sup>Se-84

Radionuclide Production Cross Section



128

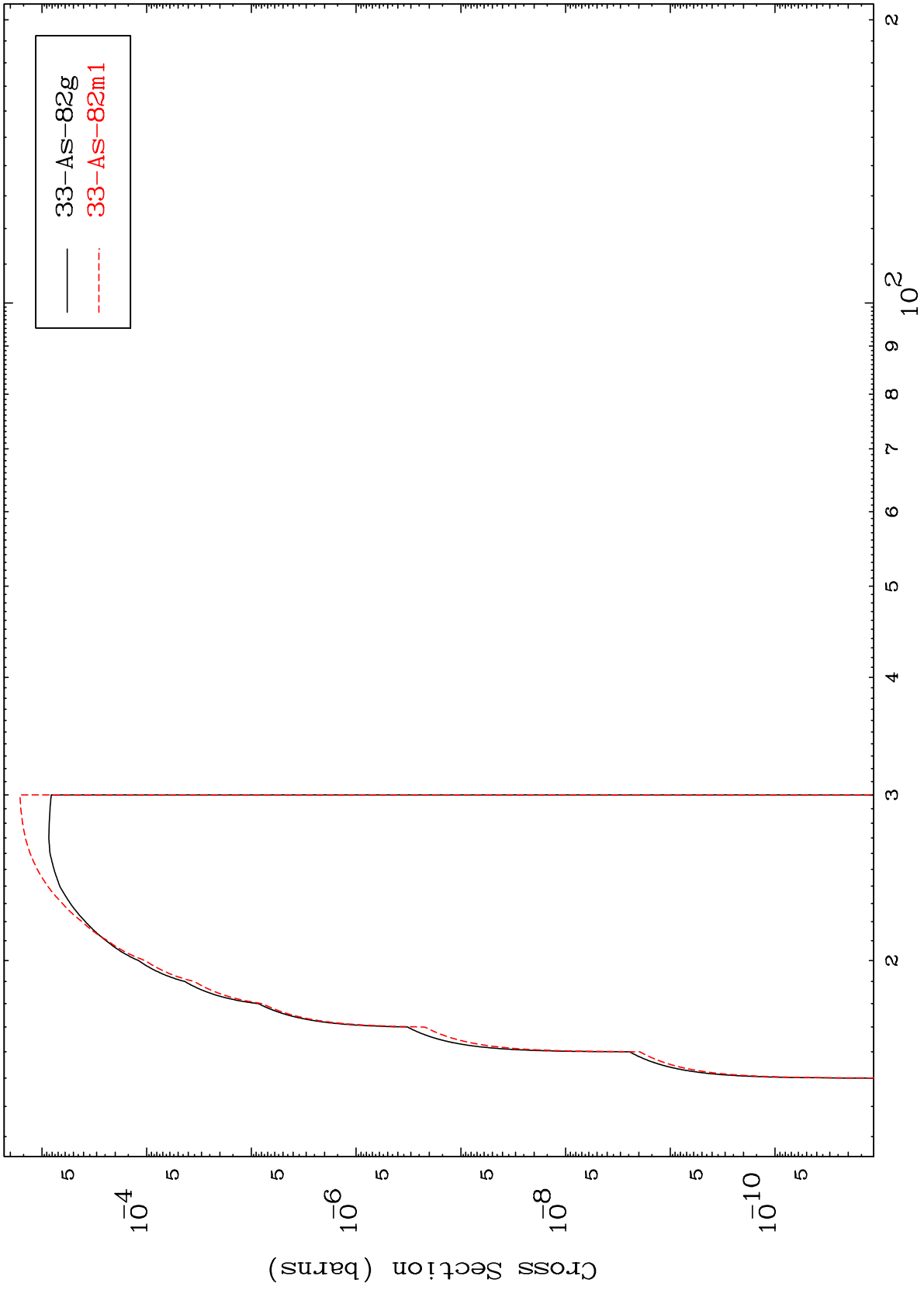
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

34-Se-84

(n, t)  
Radionuclide Production Cross Section



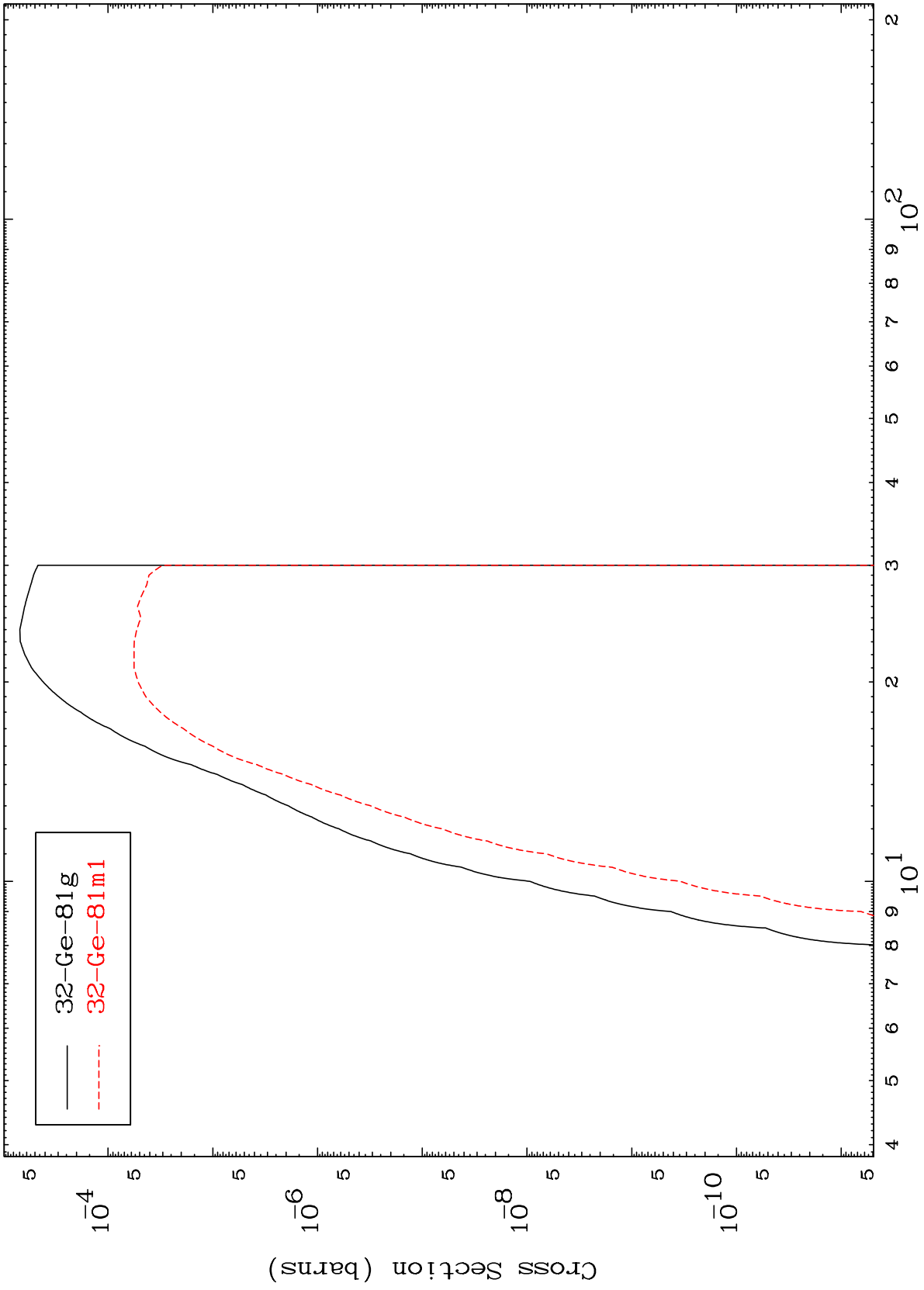
129

34-Se-84

MAT 3455

34-<sup>Se-84</sup>

Radionuclide Production Cross Section



130

Incident Energy (MeV)

34-<sup>Se-84</sup>