

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

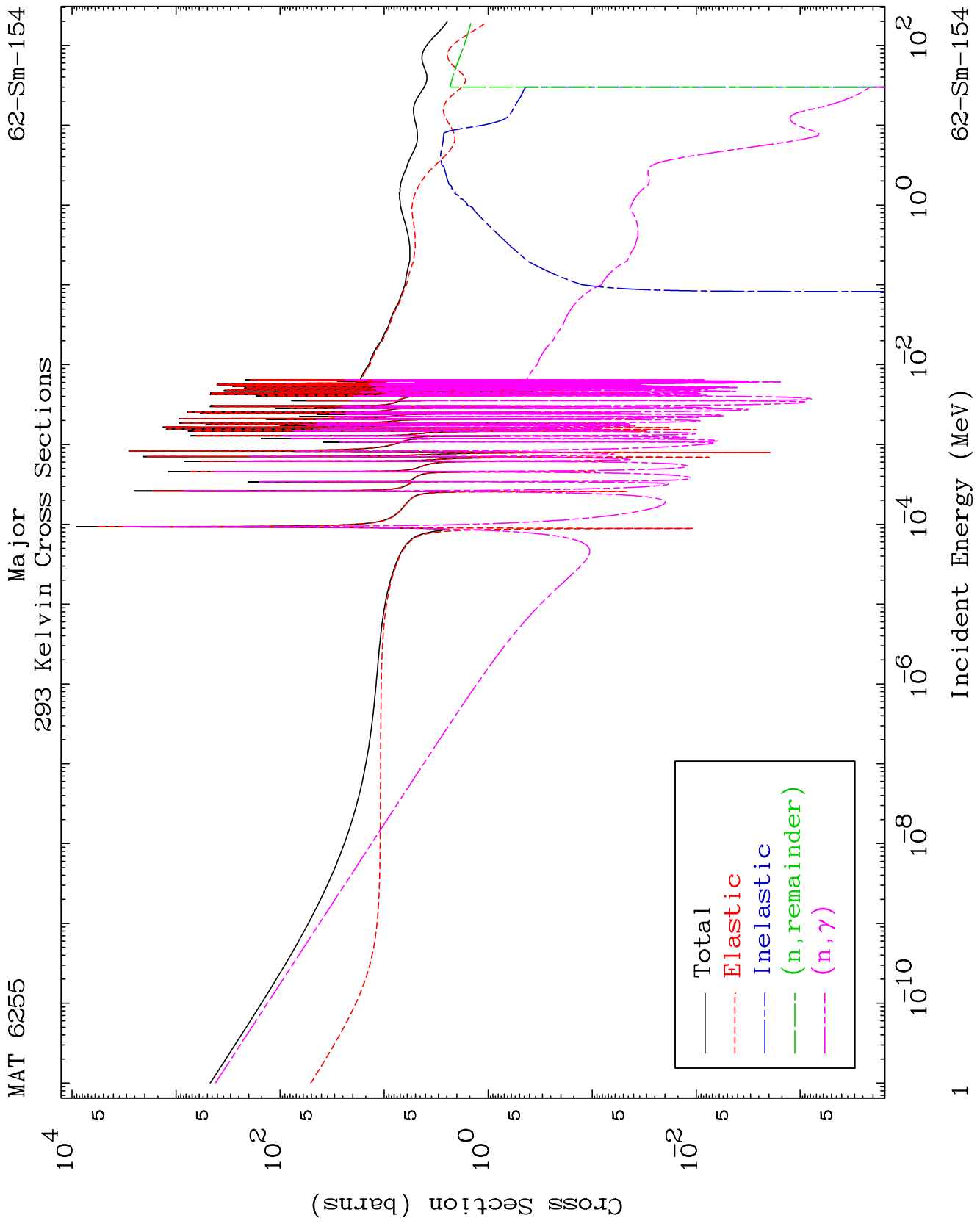
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

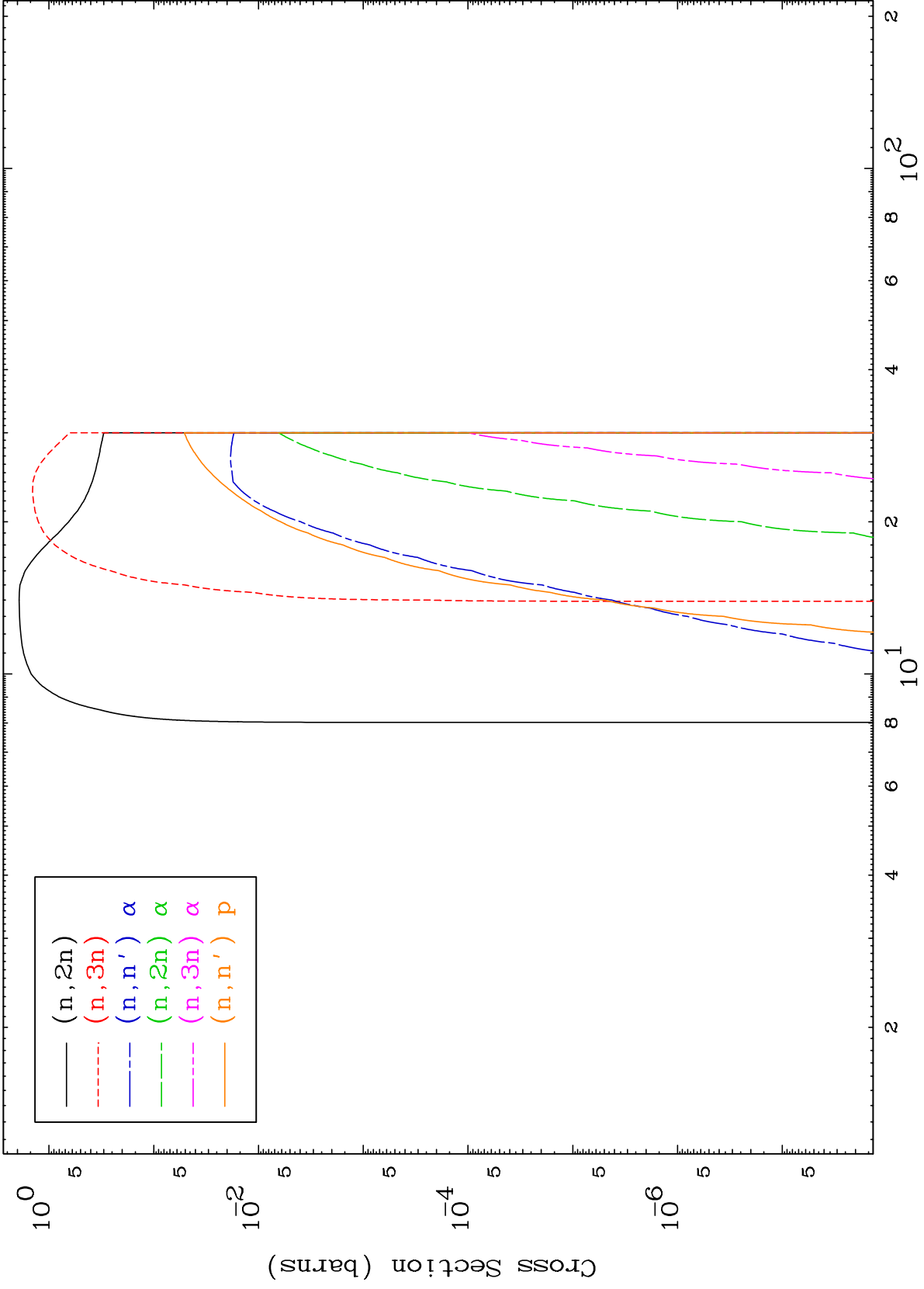
Tele: 925-443-1911

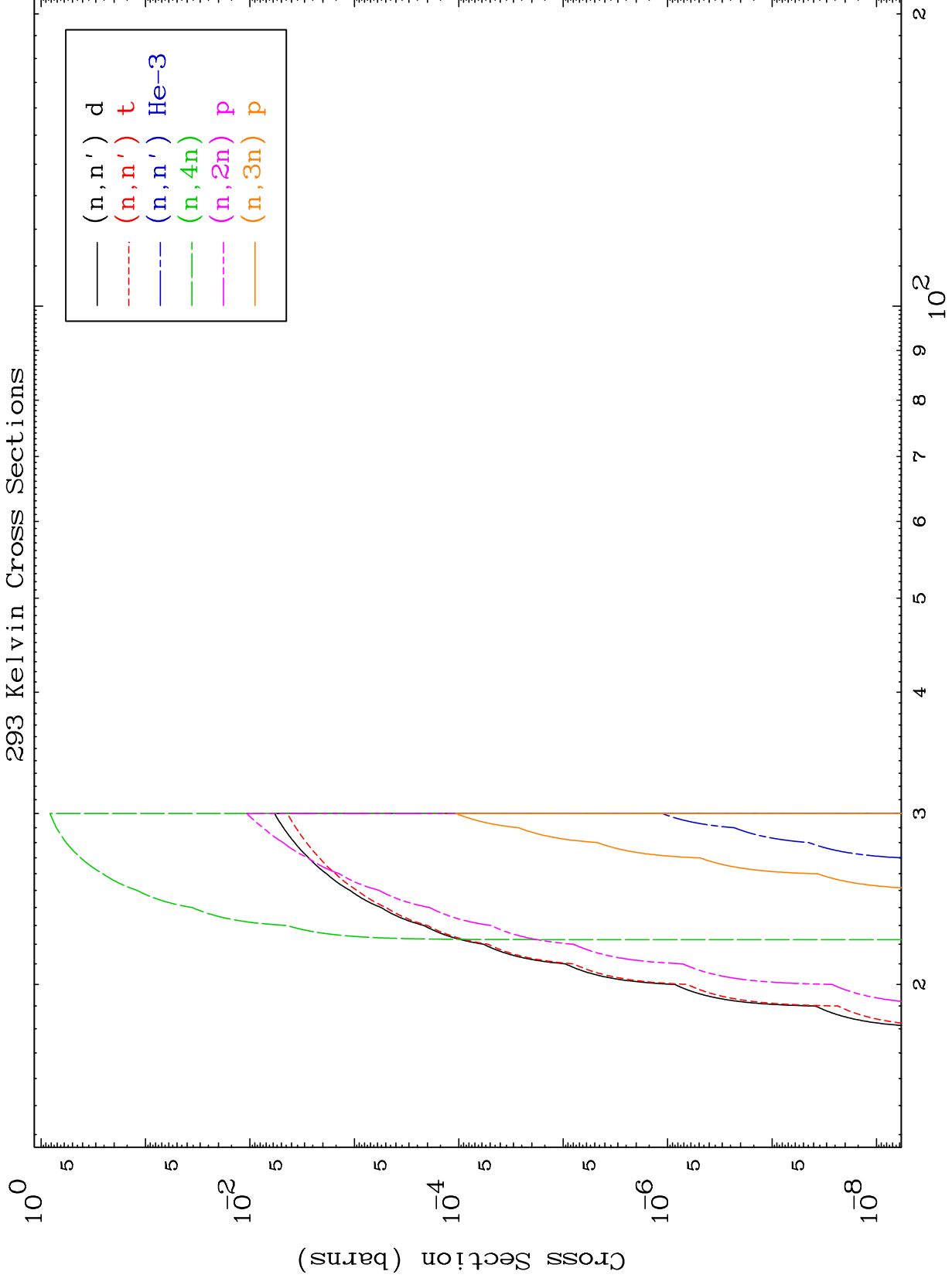
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



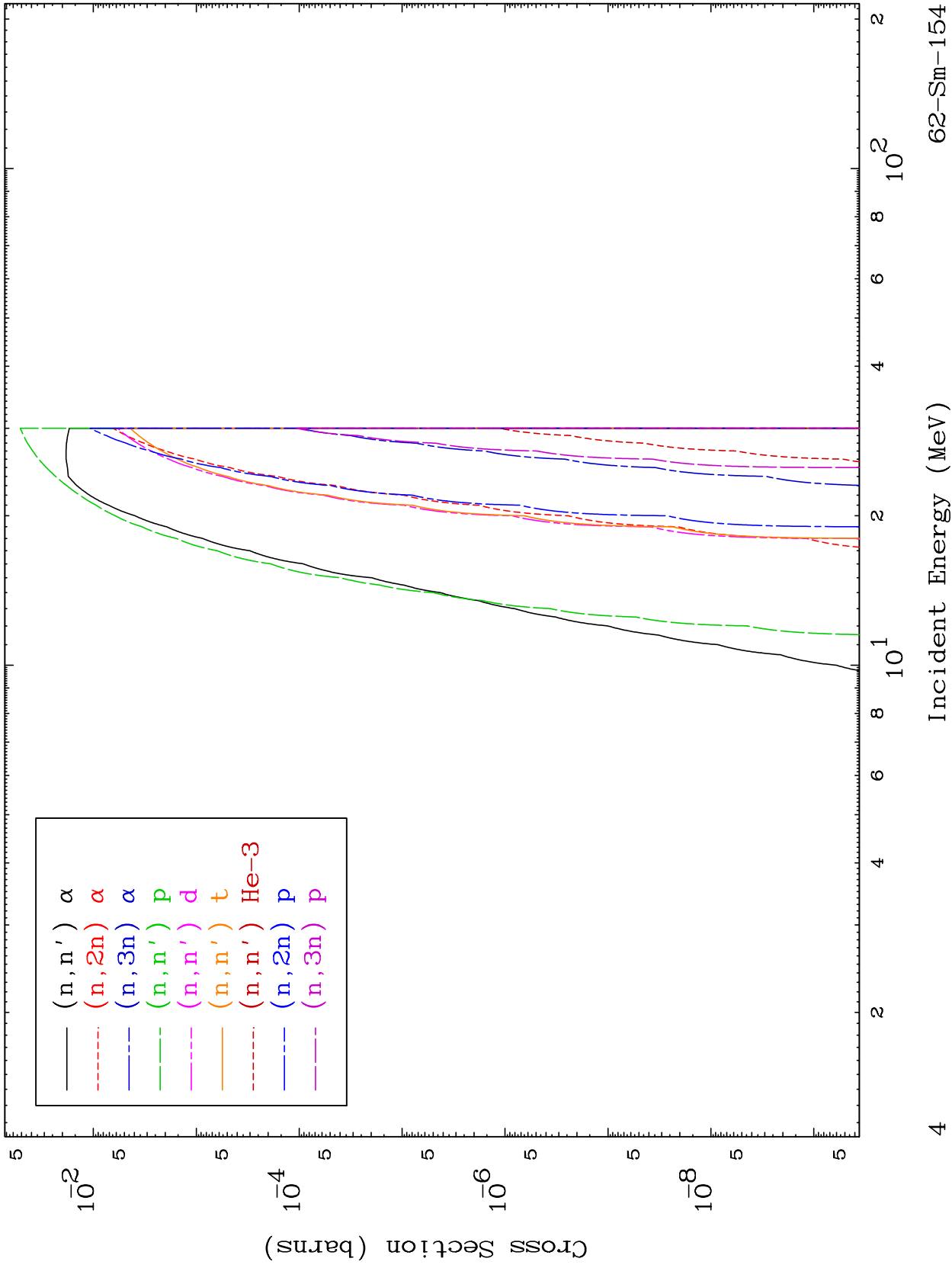




MAT 6255

Charged Particle
293 Kelvin Cross Sections

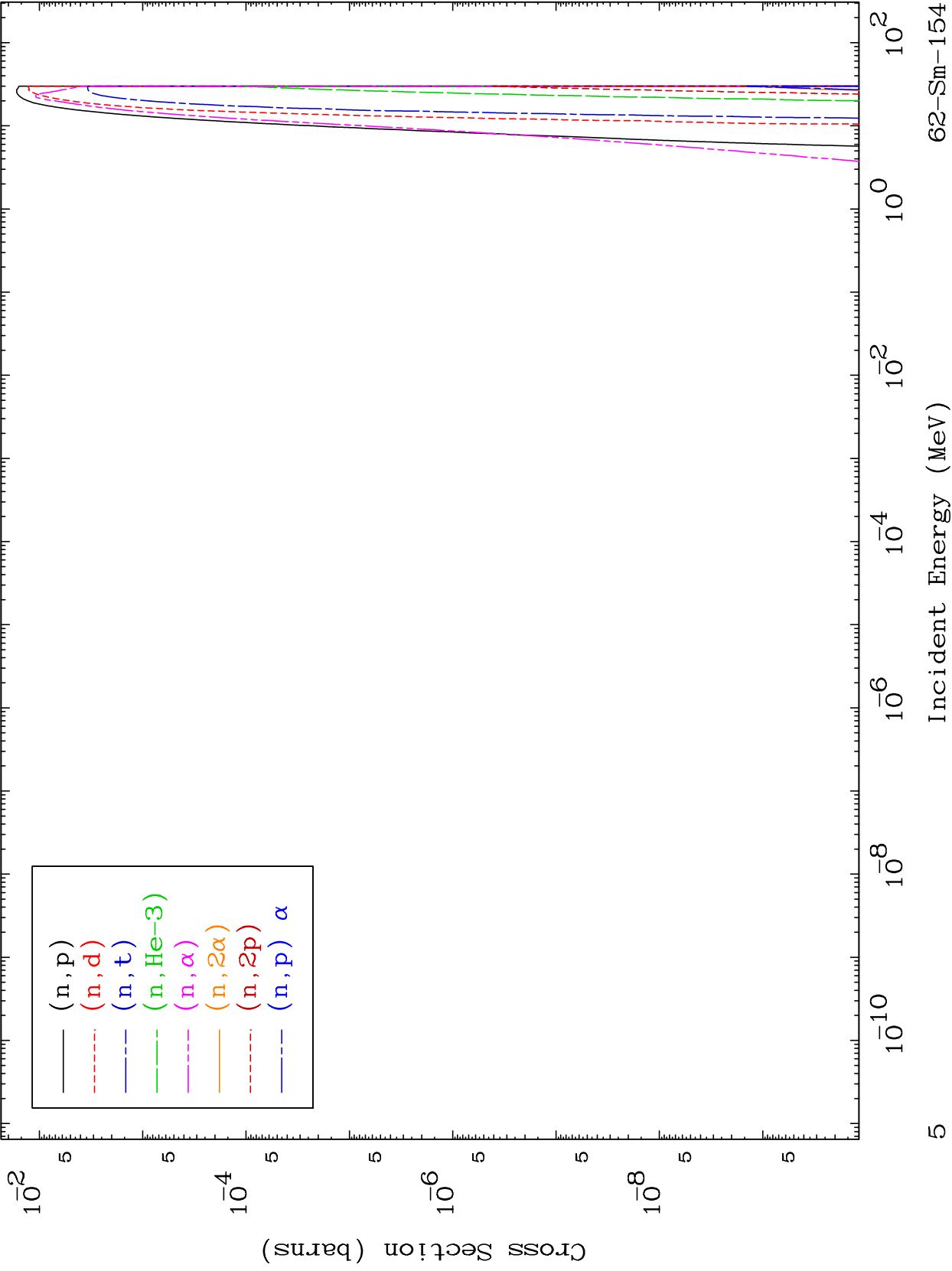
62-Sm-154



MAT 6255

Charged Particle
293 Kelvin Cross Sections

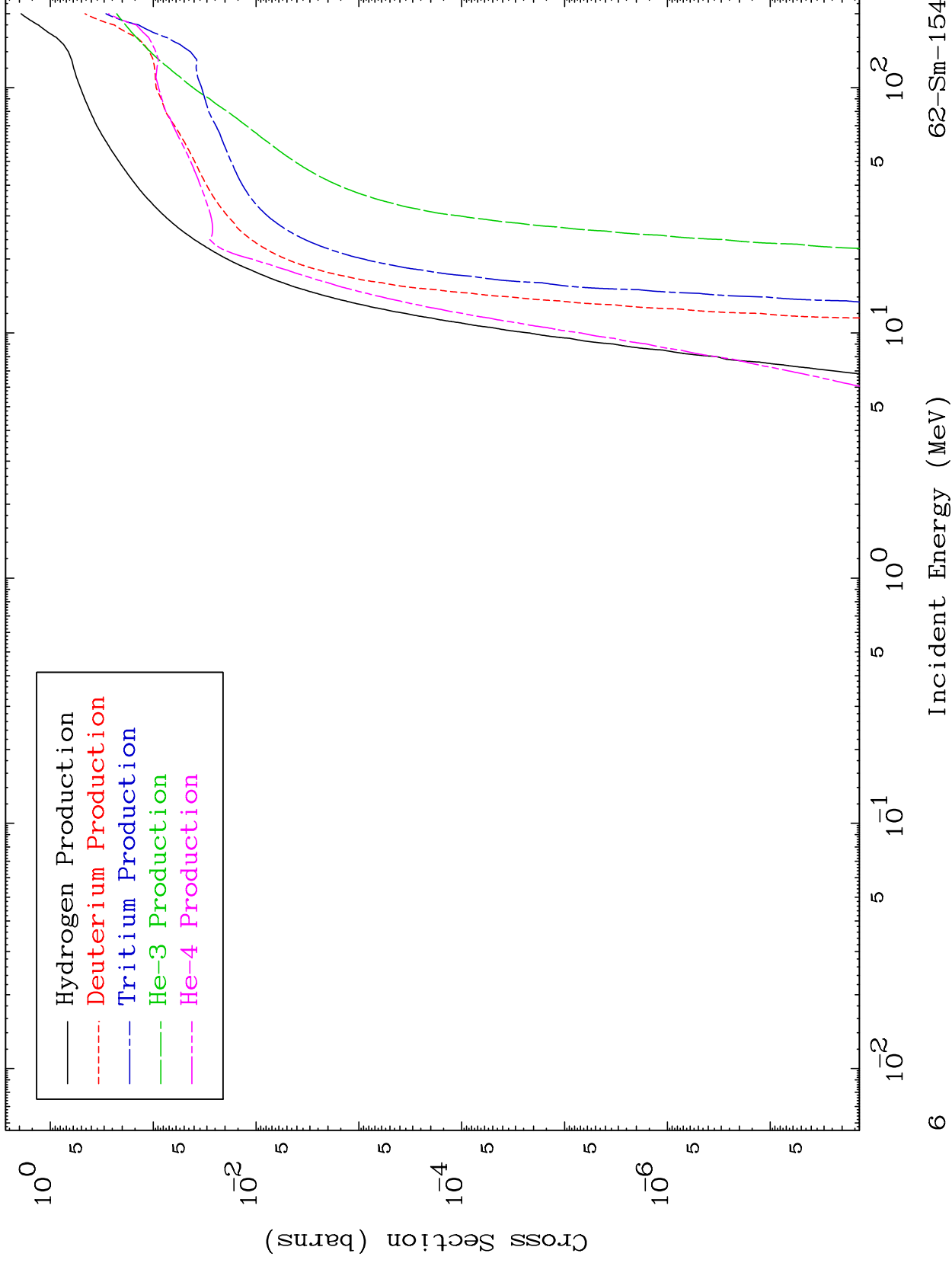
62-Sm-154



MAT 6255

Particle Production
293 Kelvin Cross Sections

62-Sm-154



6

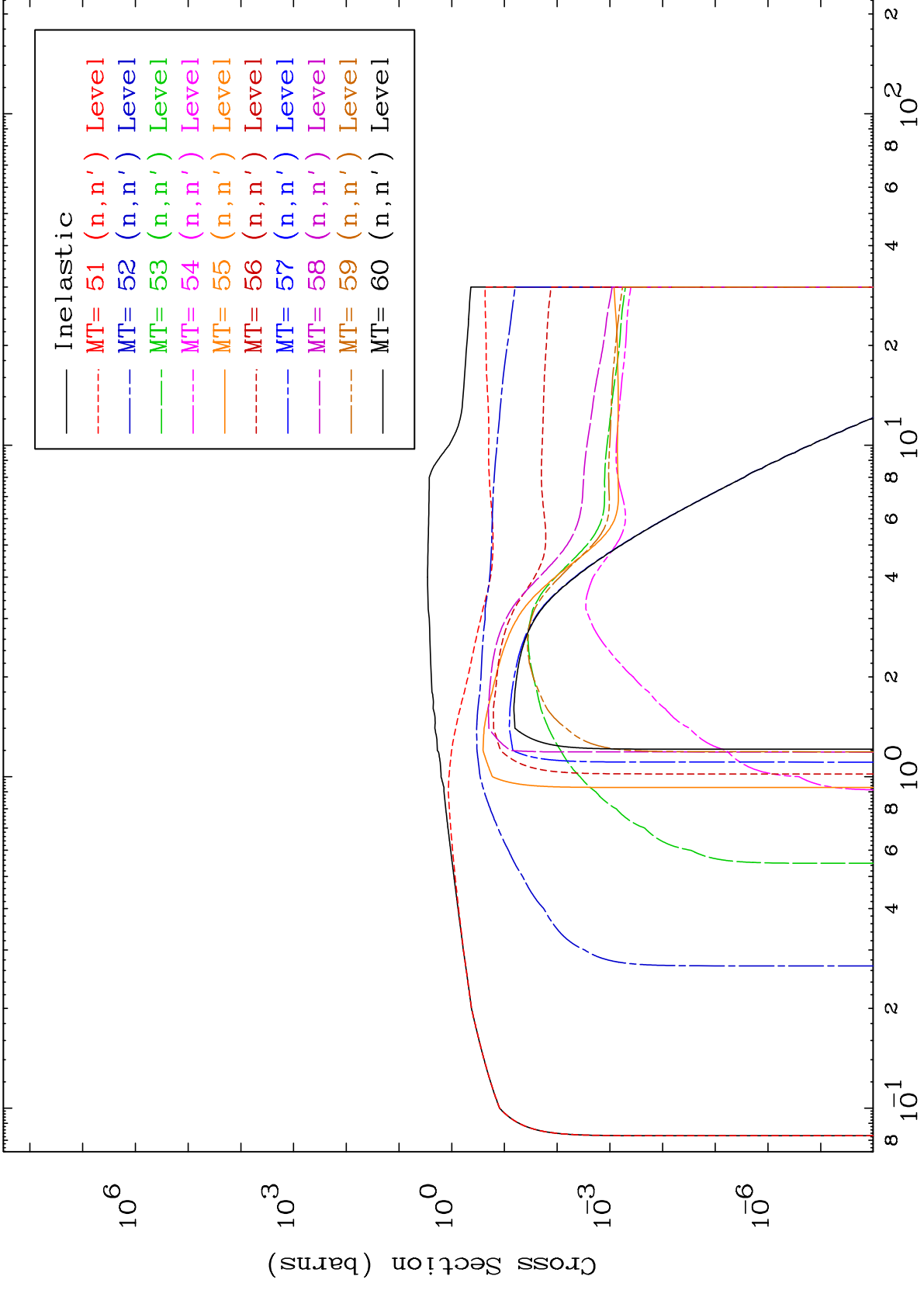
62-Sm-154

MAT 6255

(n,n') Level

62-Sm-154

293 Kelvin Cross Sections



Incident Energy (MeV)

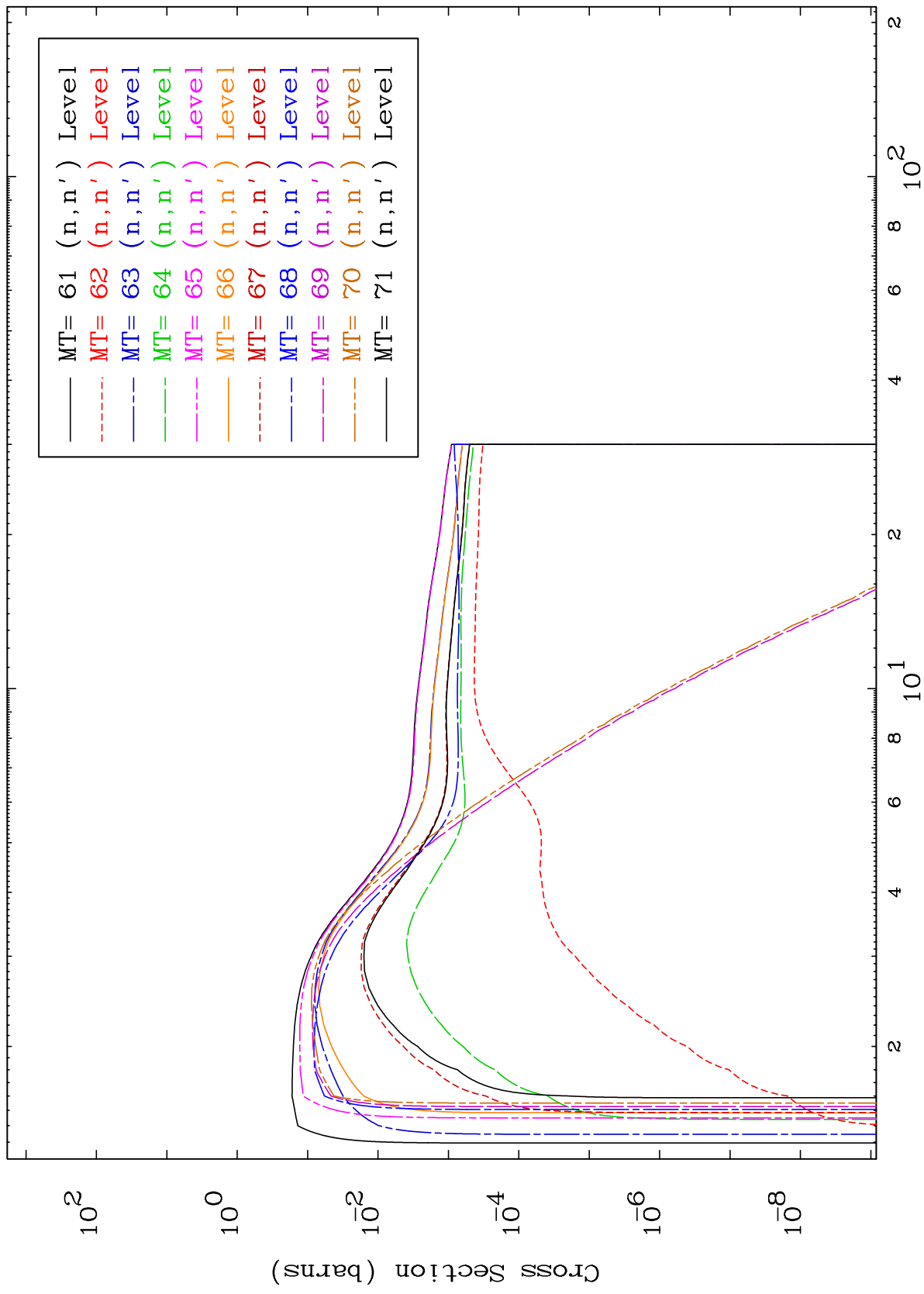
62-Sm-154

MAT 6255

(n,n') Level

62-Sm-154

293 Kelvin Cross Sections



8

Incident Energy (MeV)

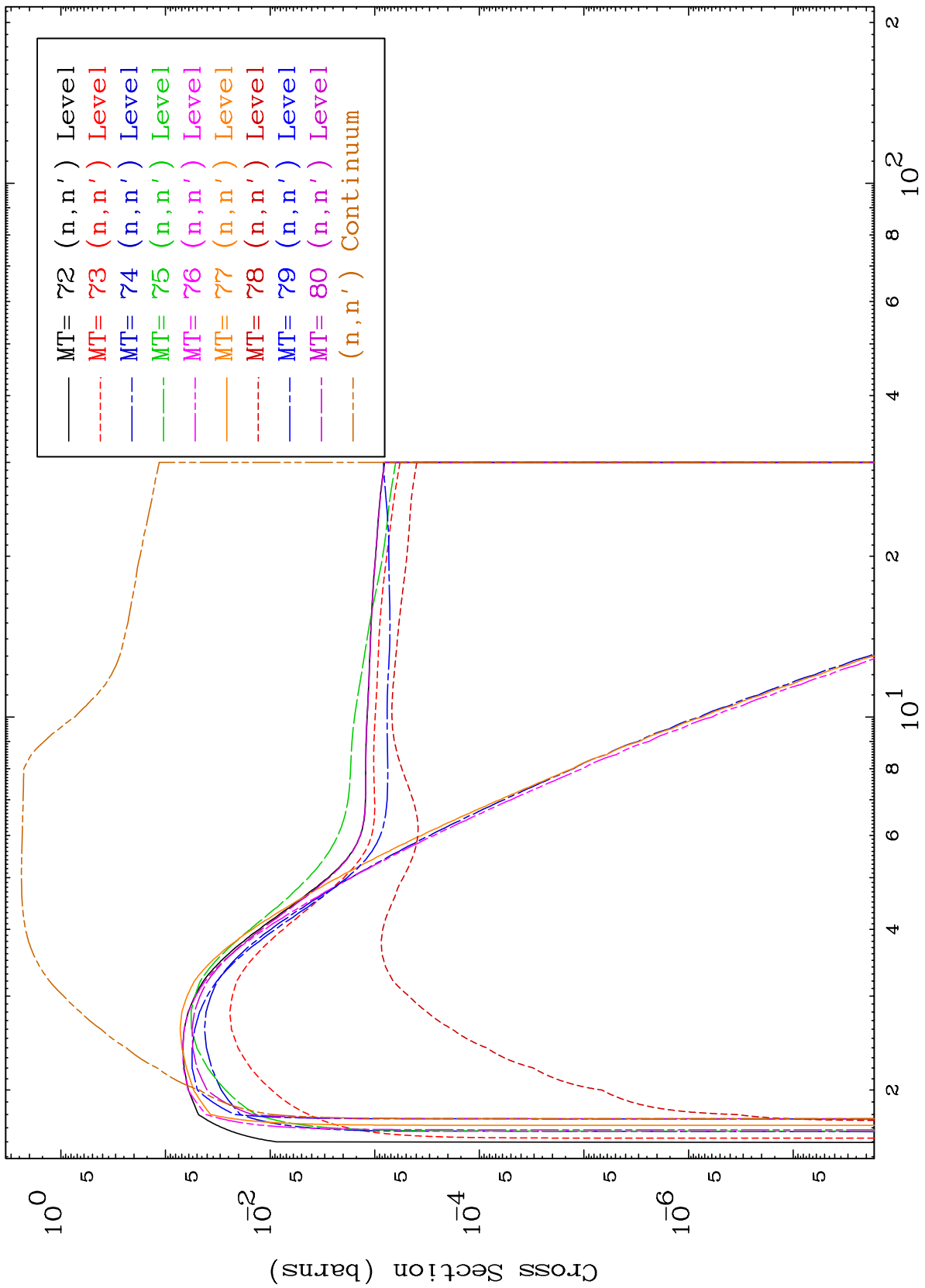
62-Sm-154

MAT 6255

(n,n') Level

62-Sm-154

293 Kelvin Cross Sections



9

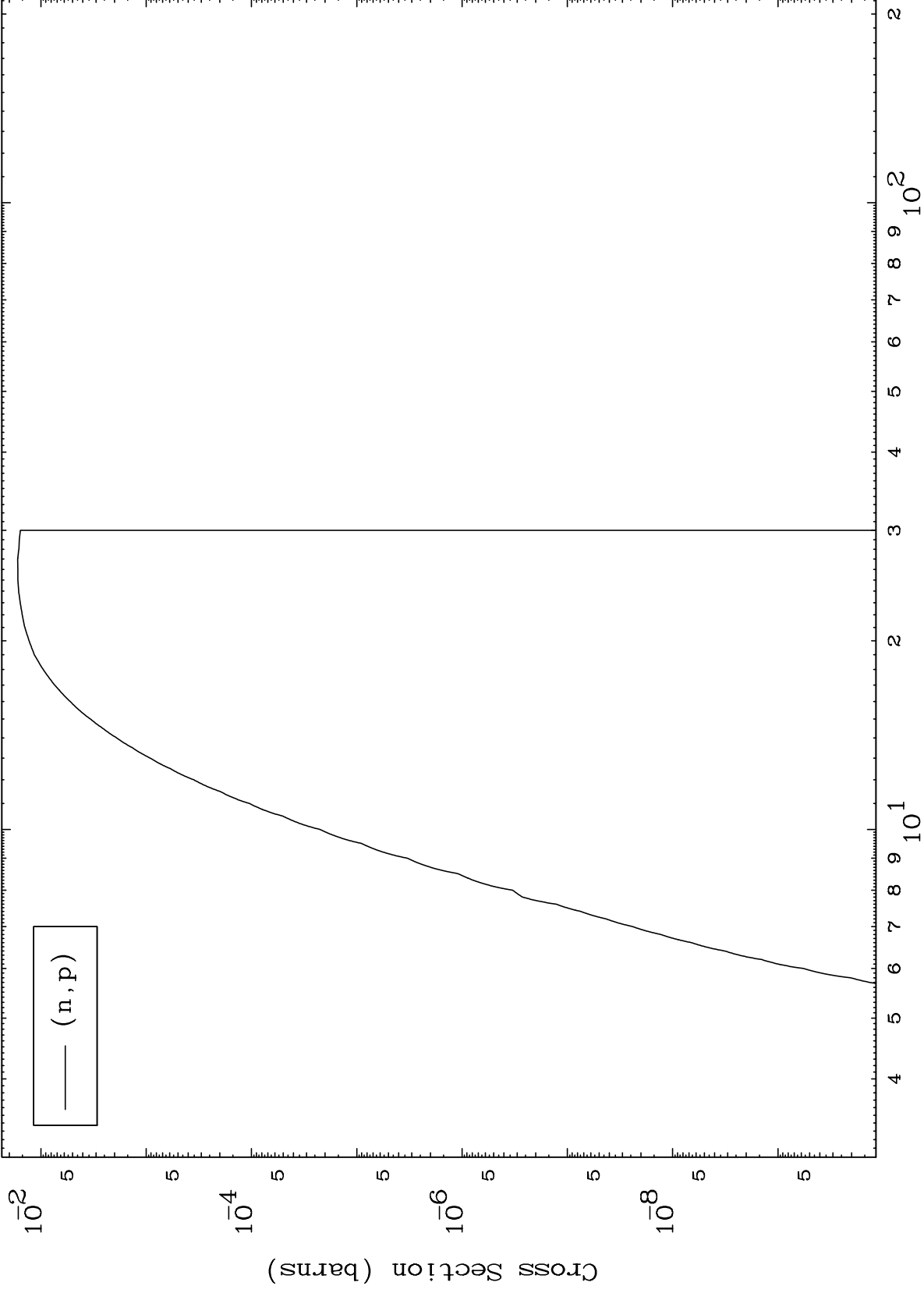
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-154



10

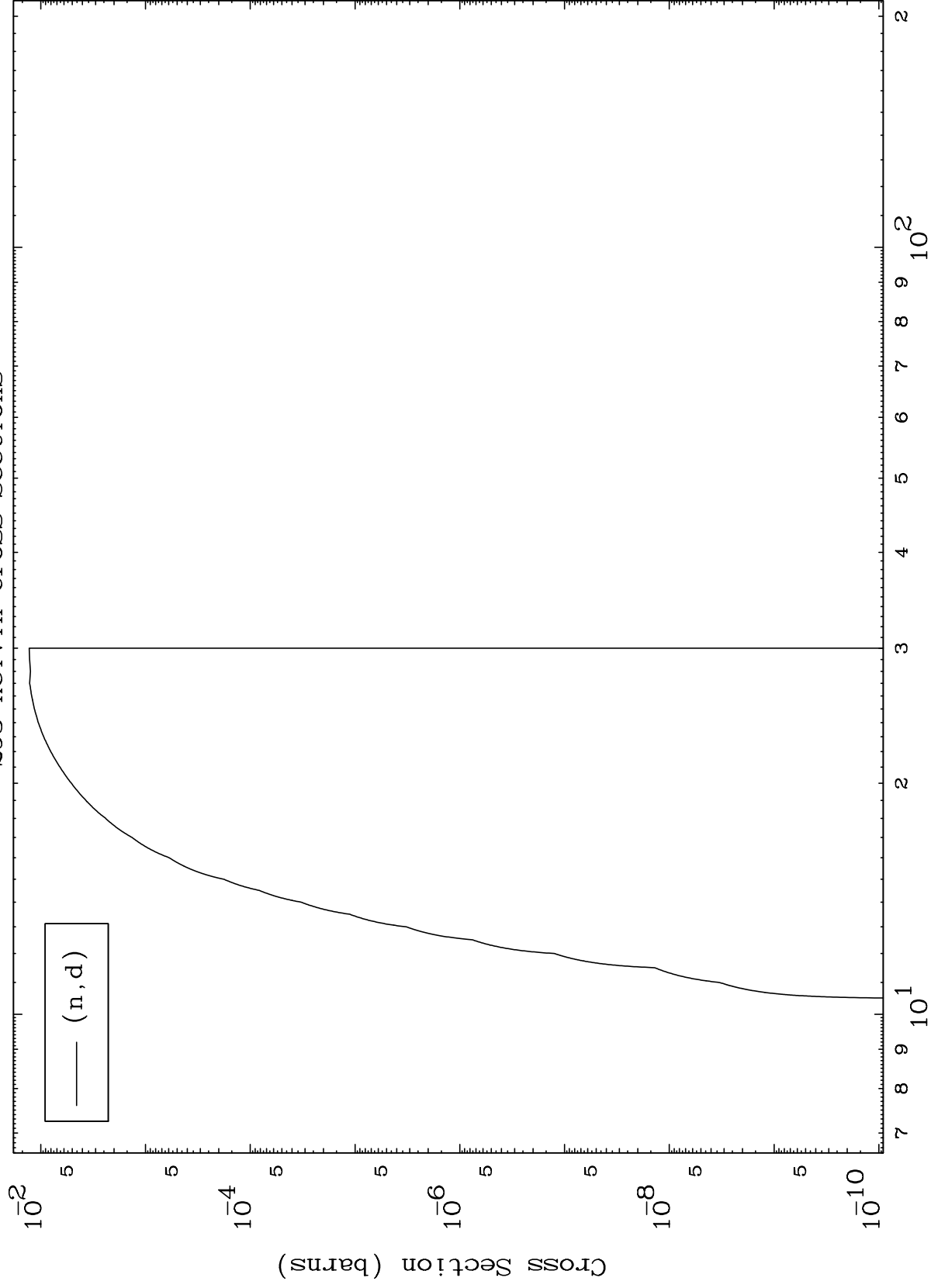
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-154



11

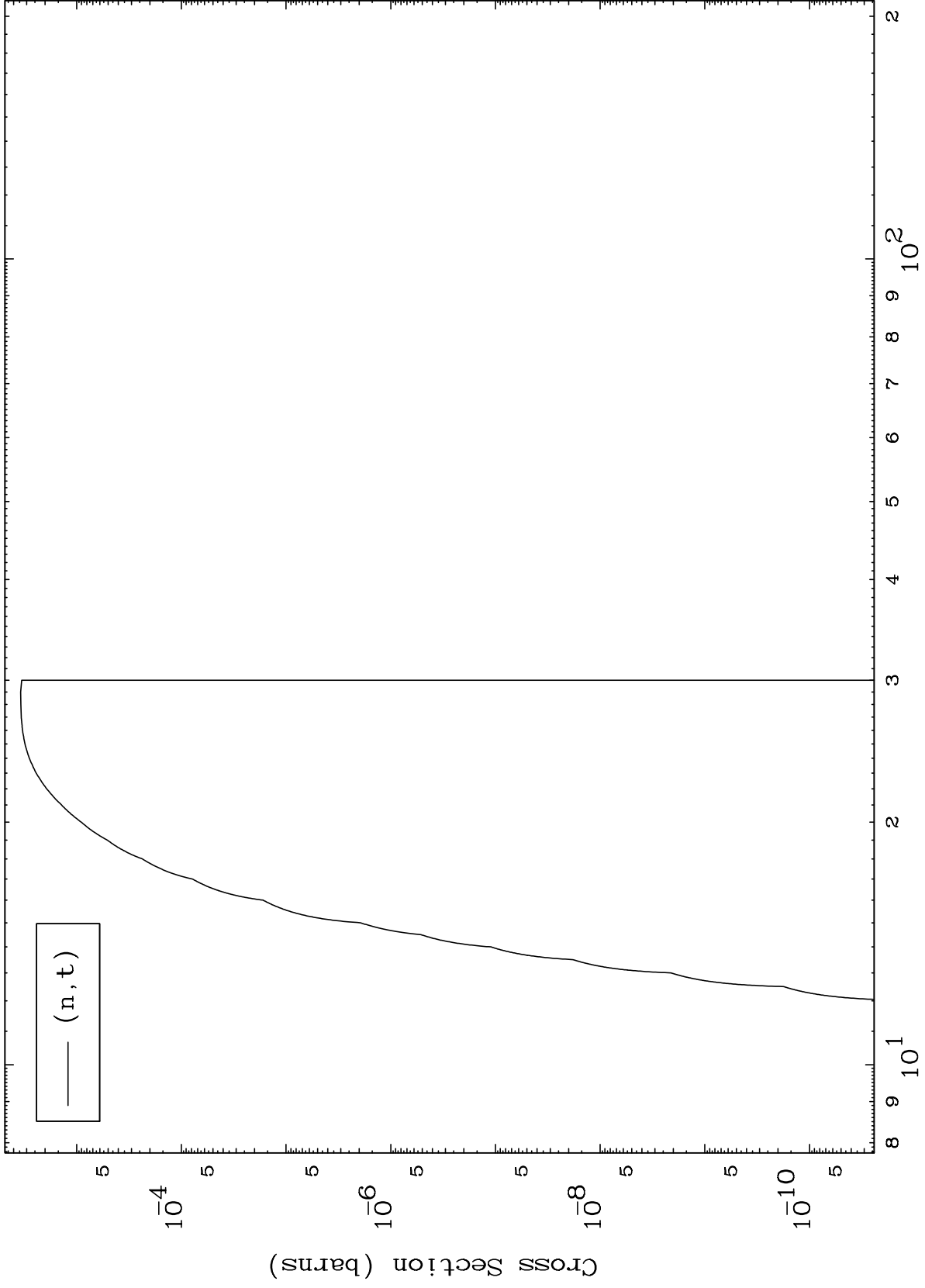
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-154



12

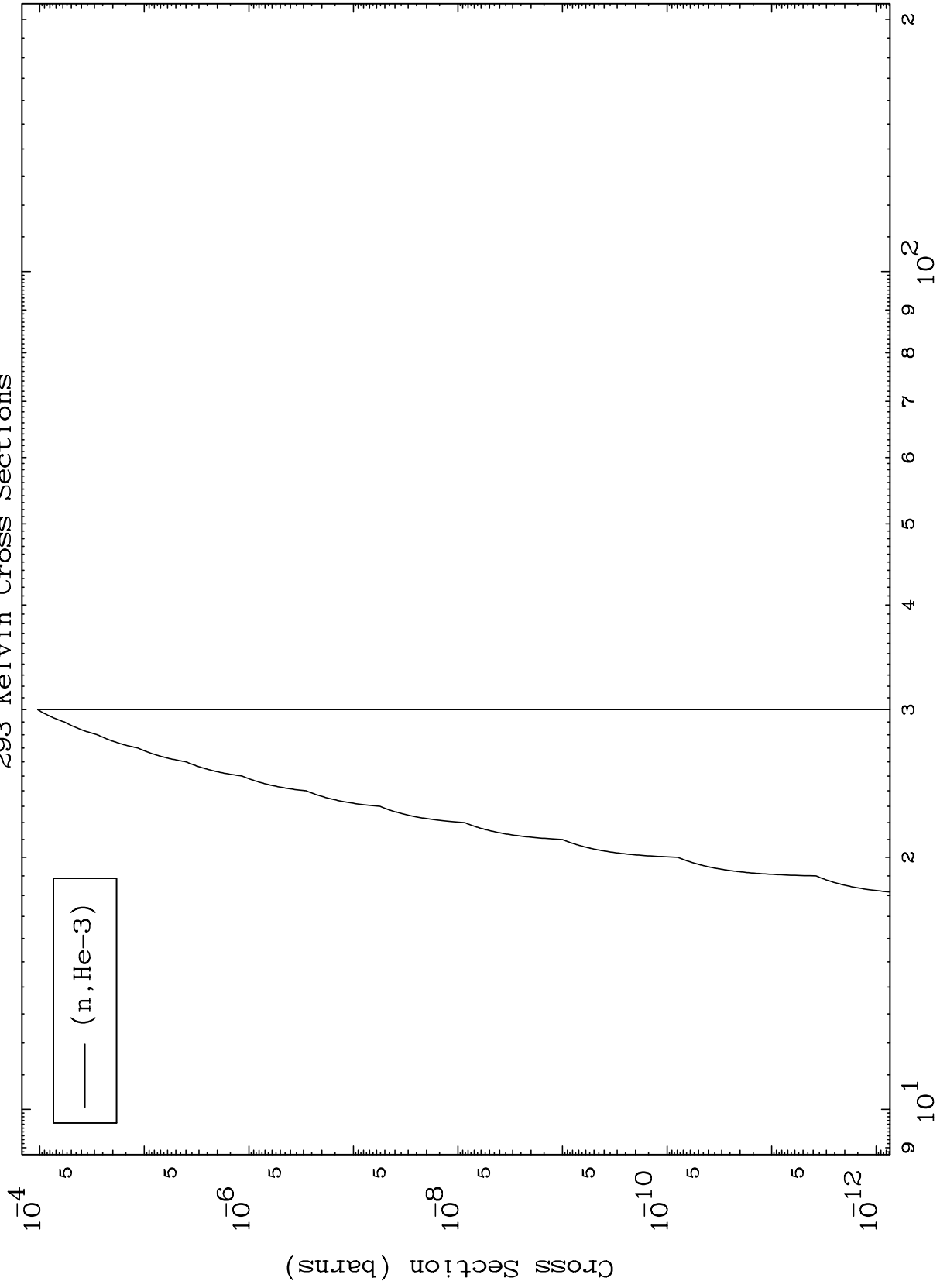
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-154



13

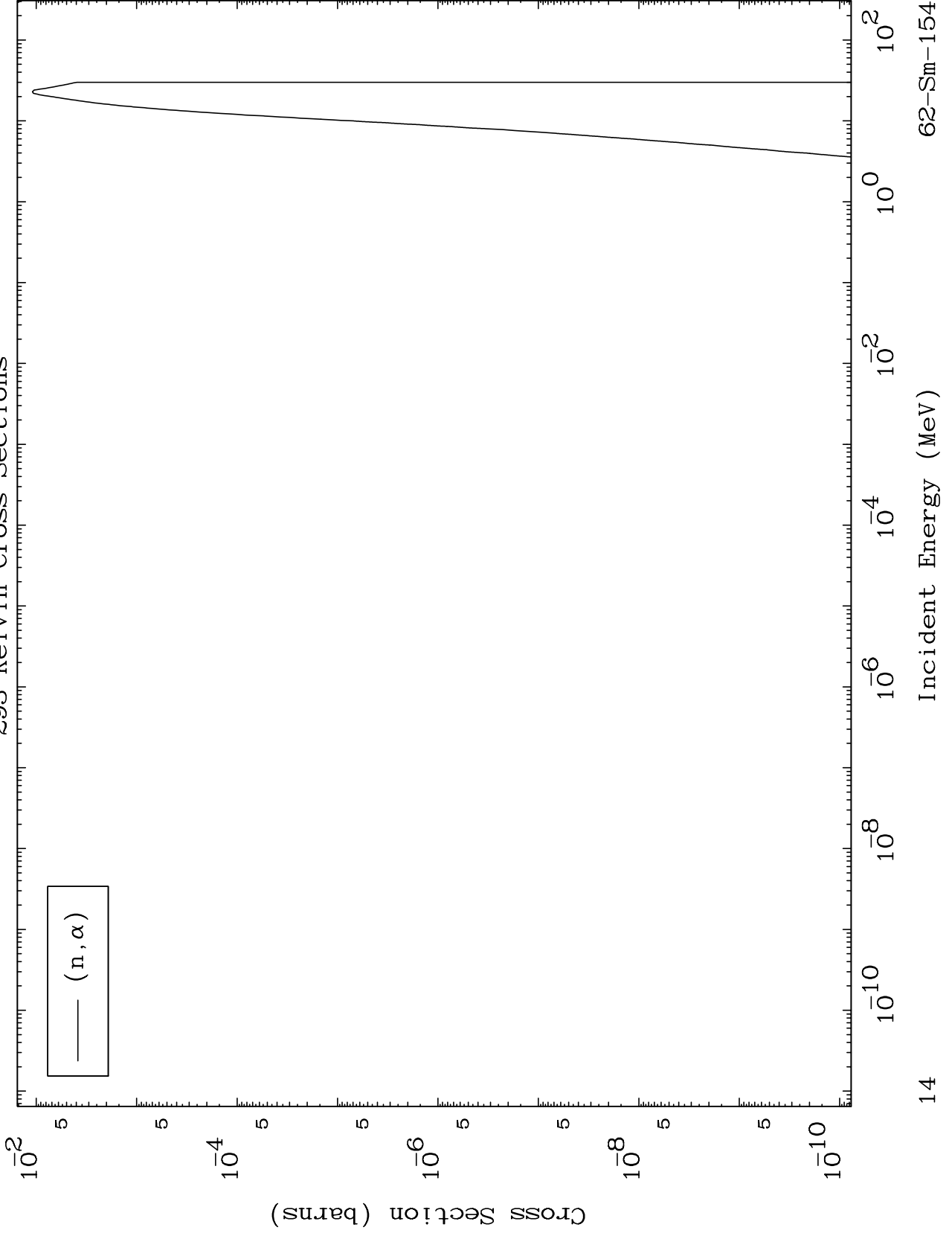
Incident Energy (MeV)

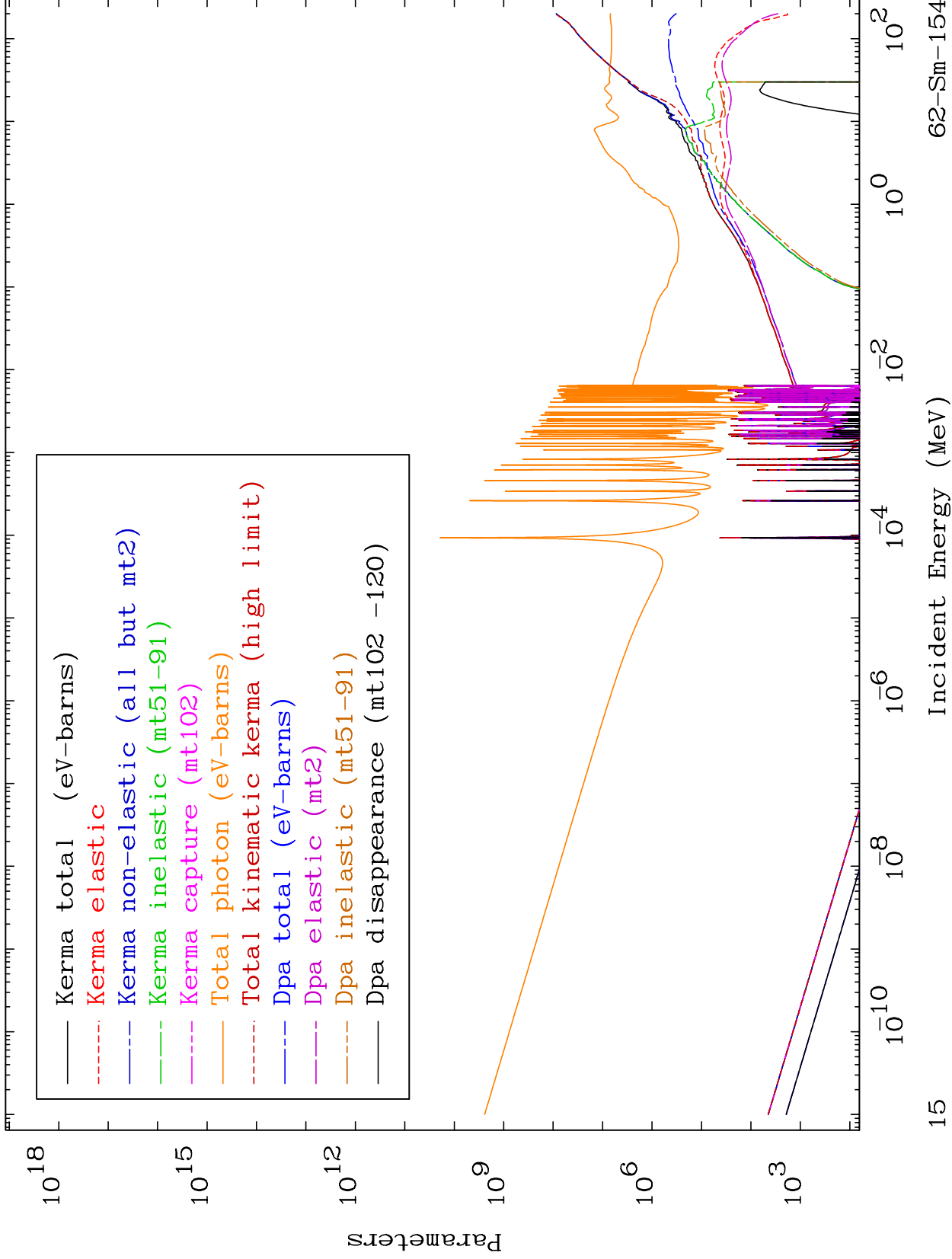
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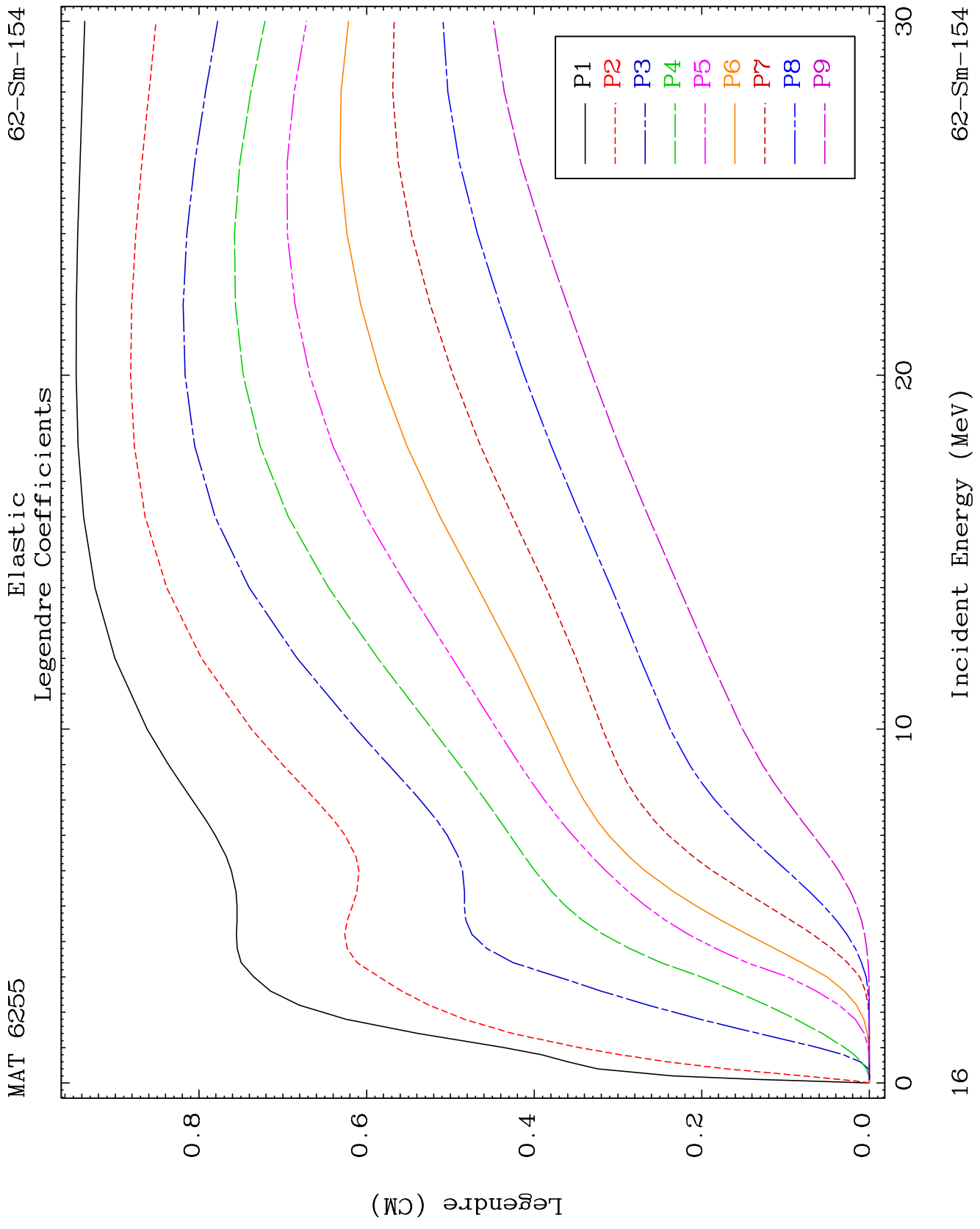
MAT 6255

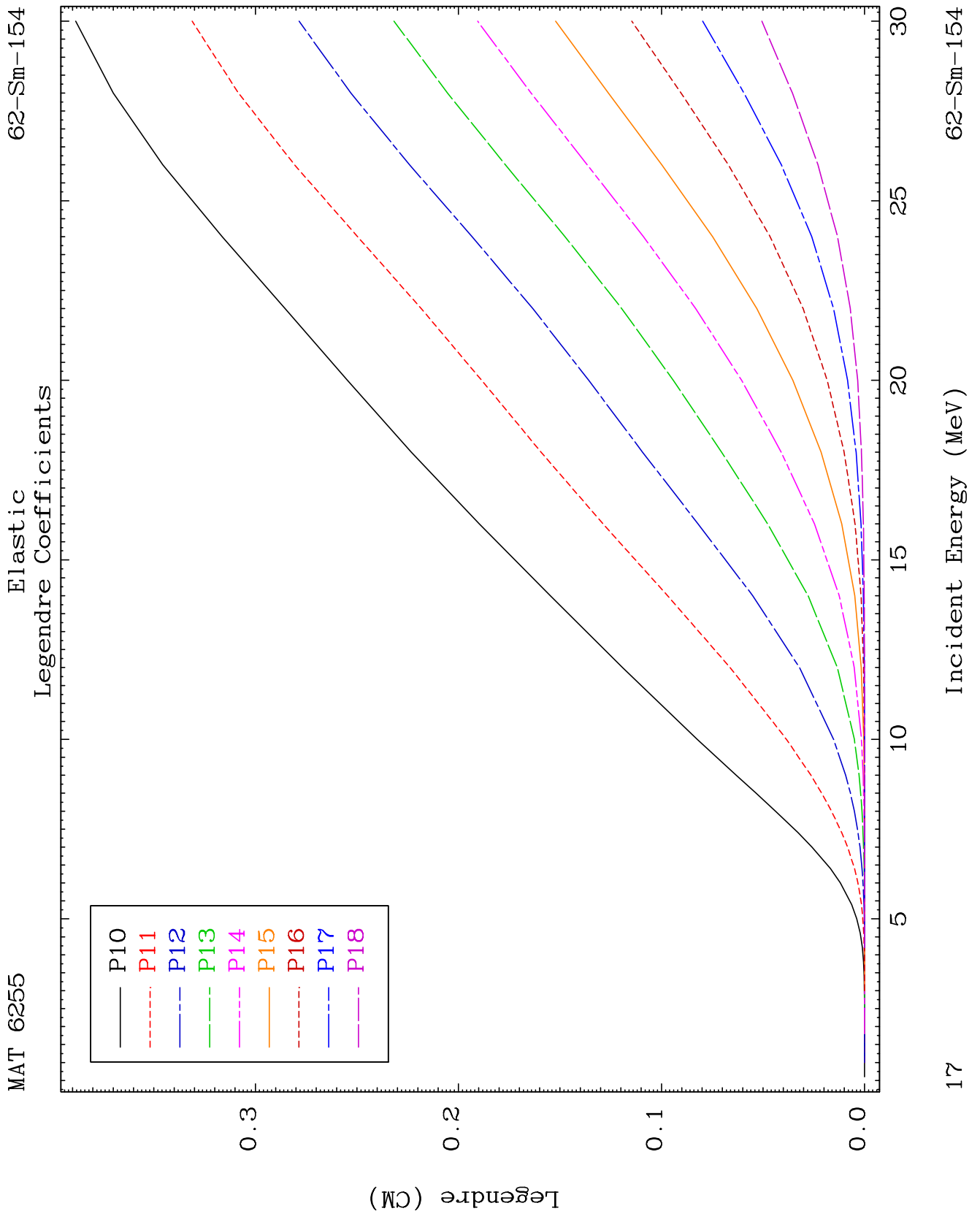
(n, α) Levels
293 Kelvin Cross Sections

62-Sm-154





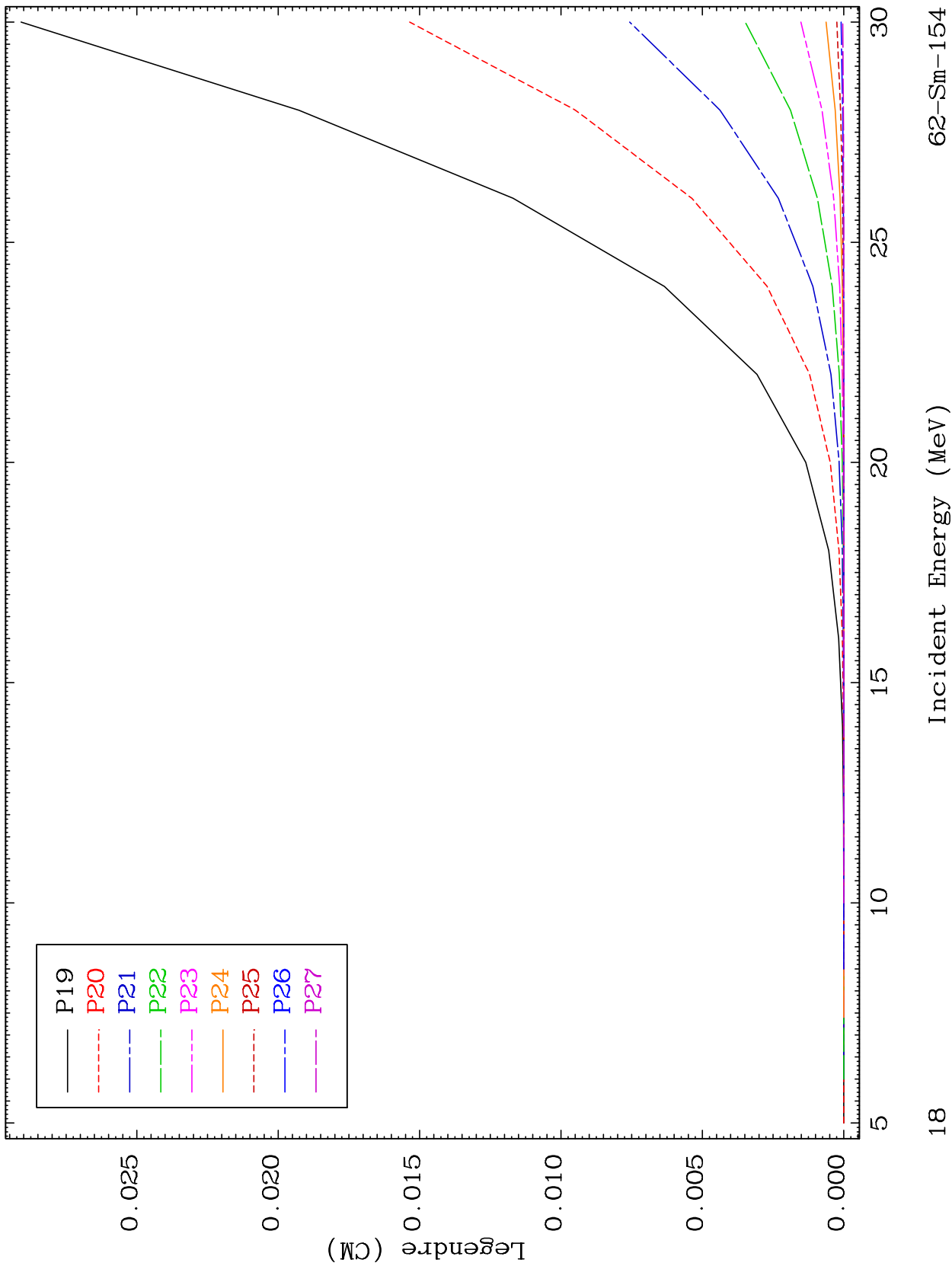




MAT 6255

Elastic Legendre Coefficients

62-Sm-154



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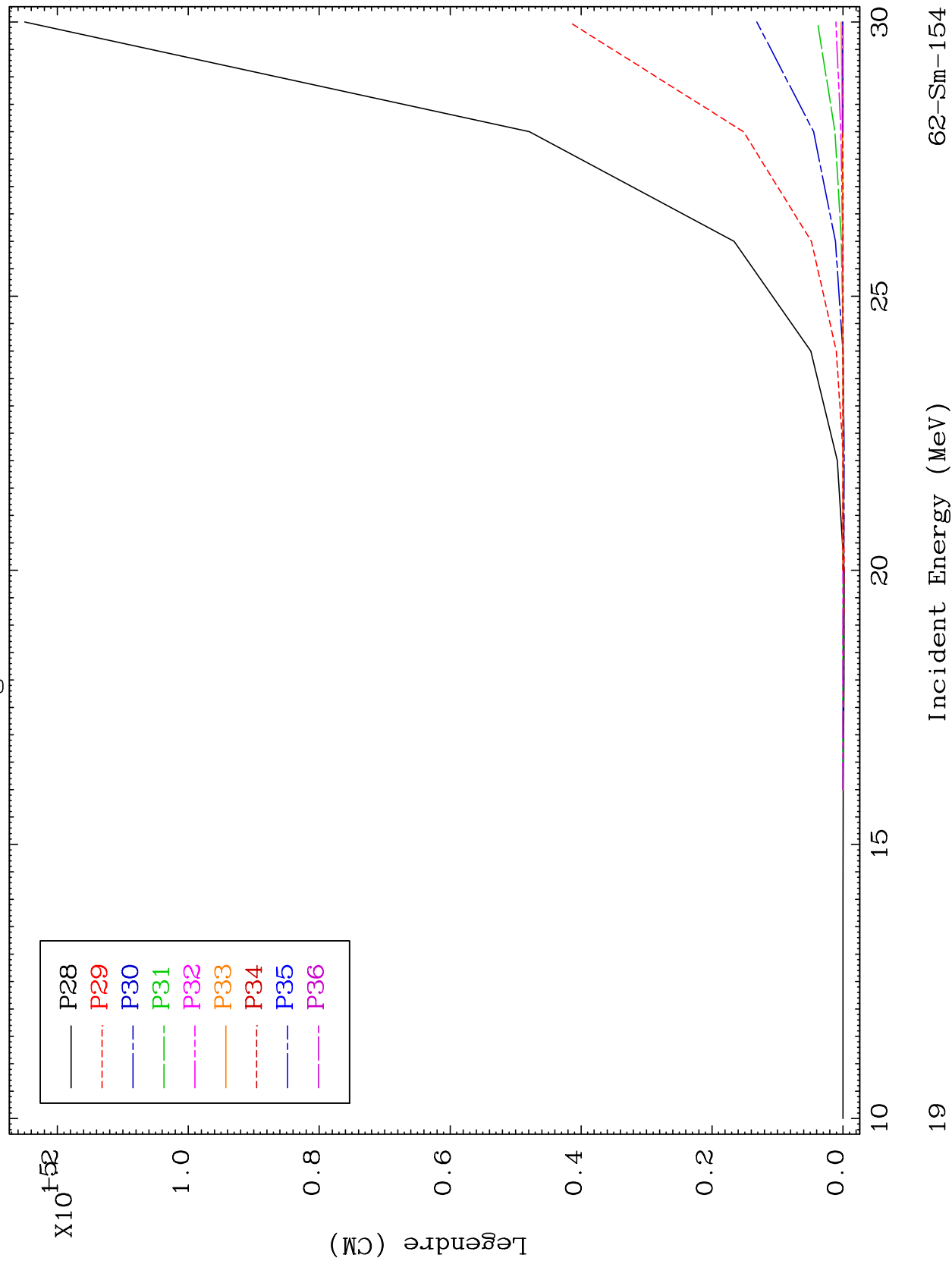
Incident Energy (MeV)

62-Sm-154

MAT 6255

Elastic Legendre Coefficients

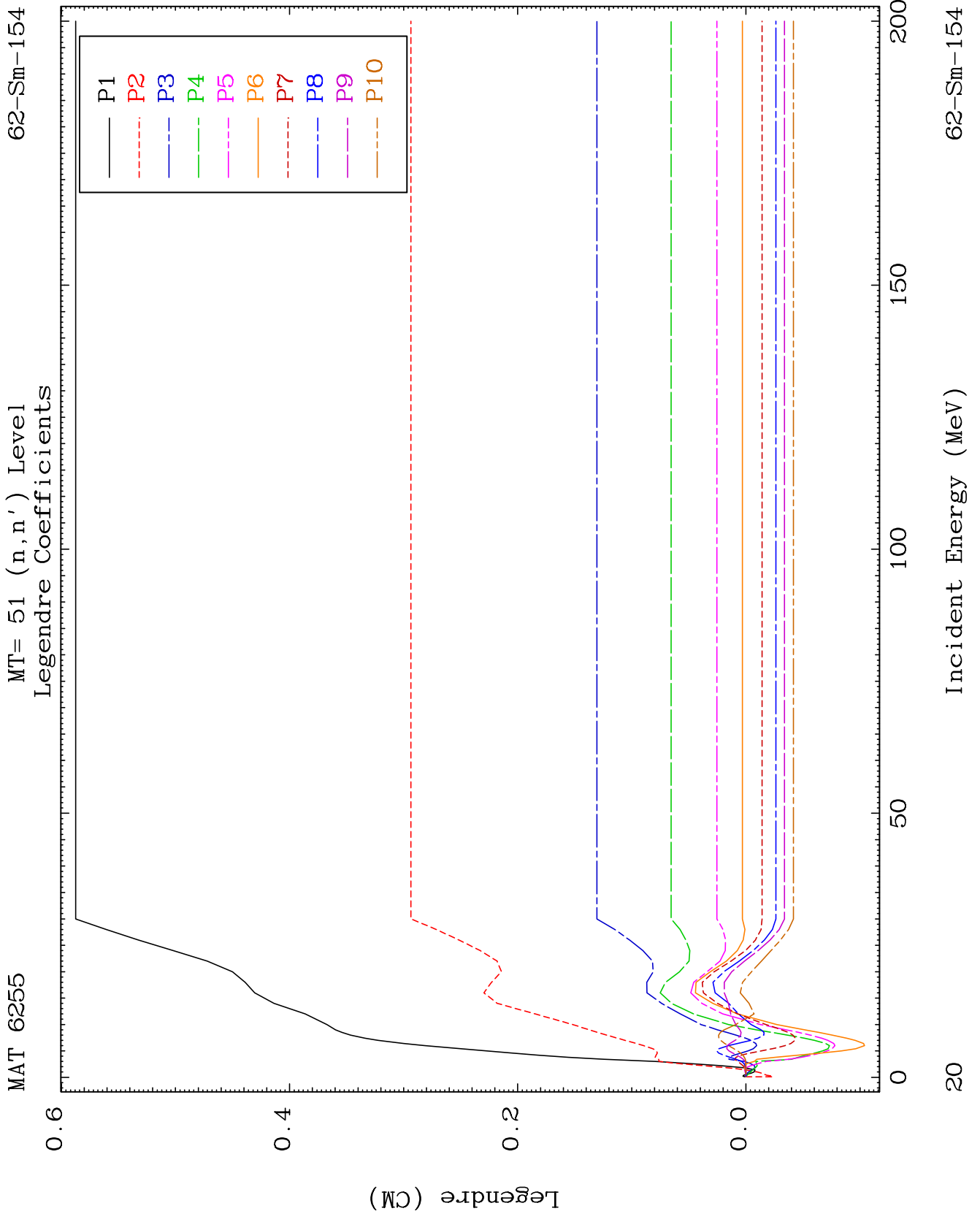
62-Sm-154



19

Incident Energy (MeV)

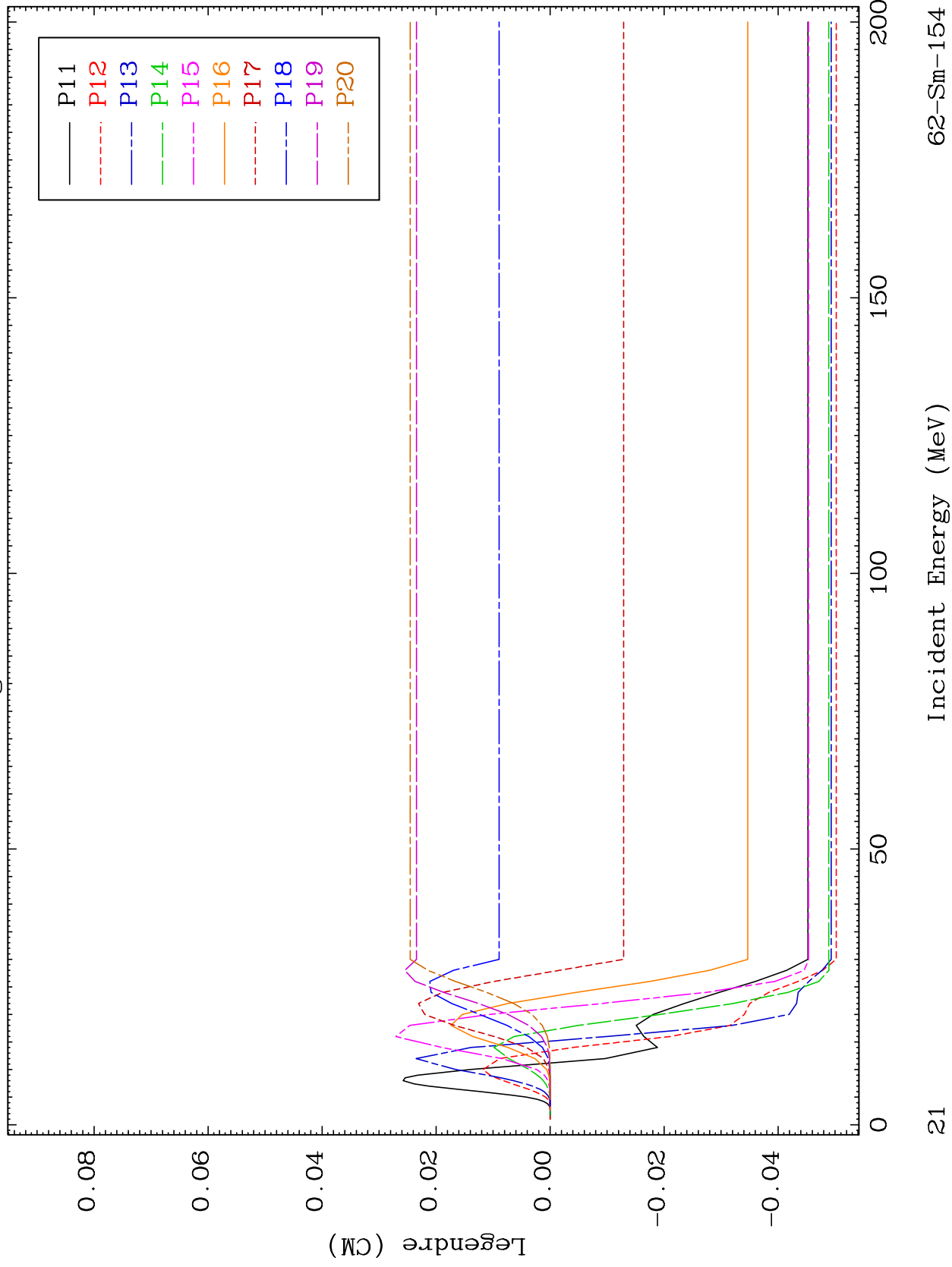
62-Sm-154



MAT 6255

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

62-Sm-154



21

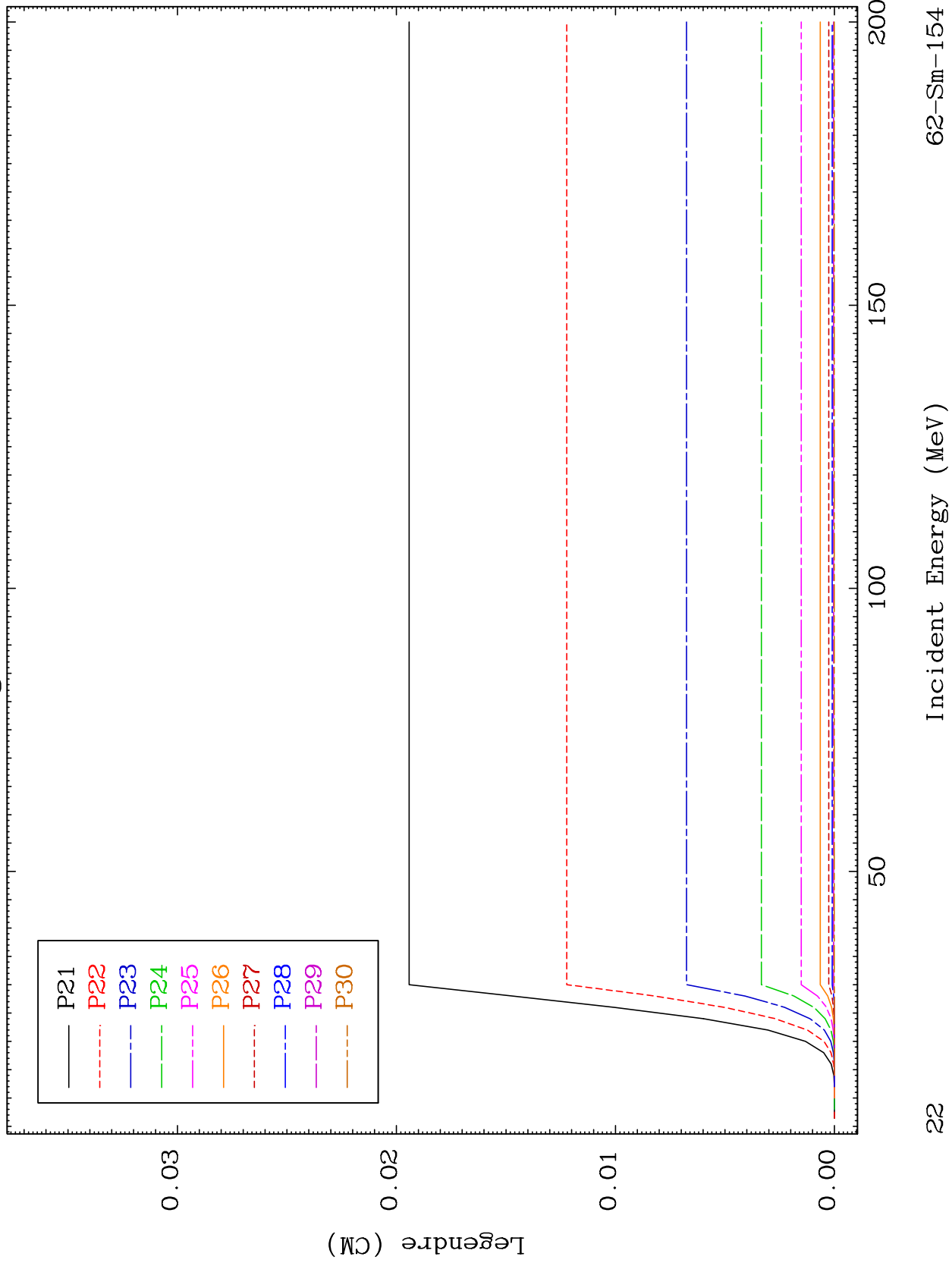
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



22

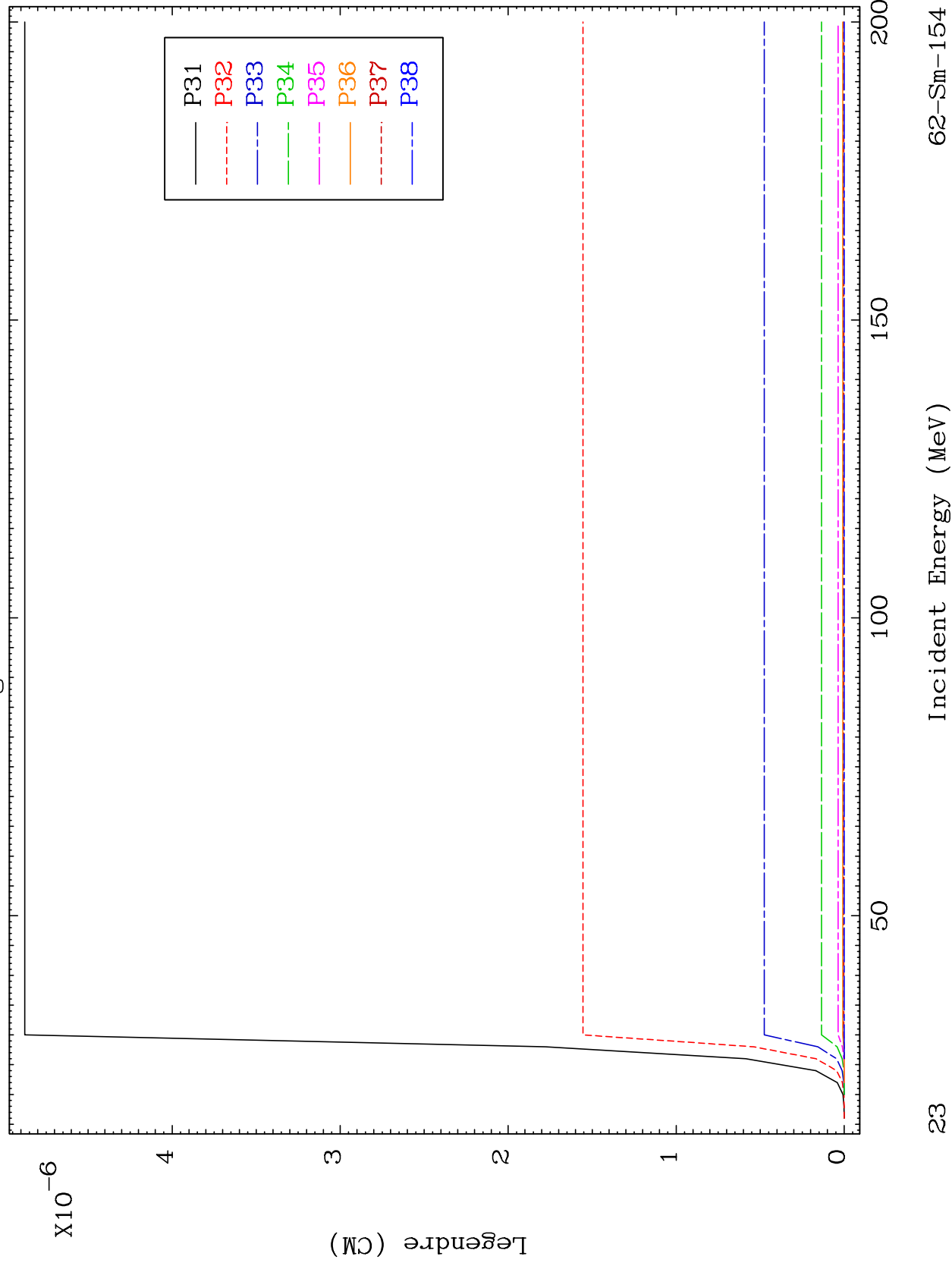
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

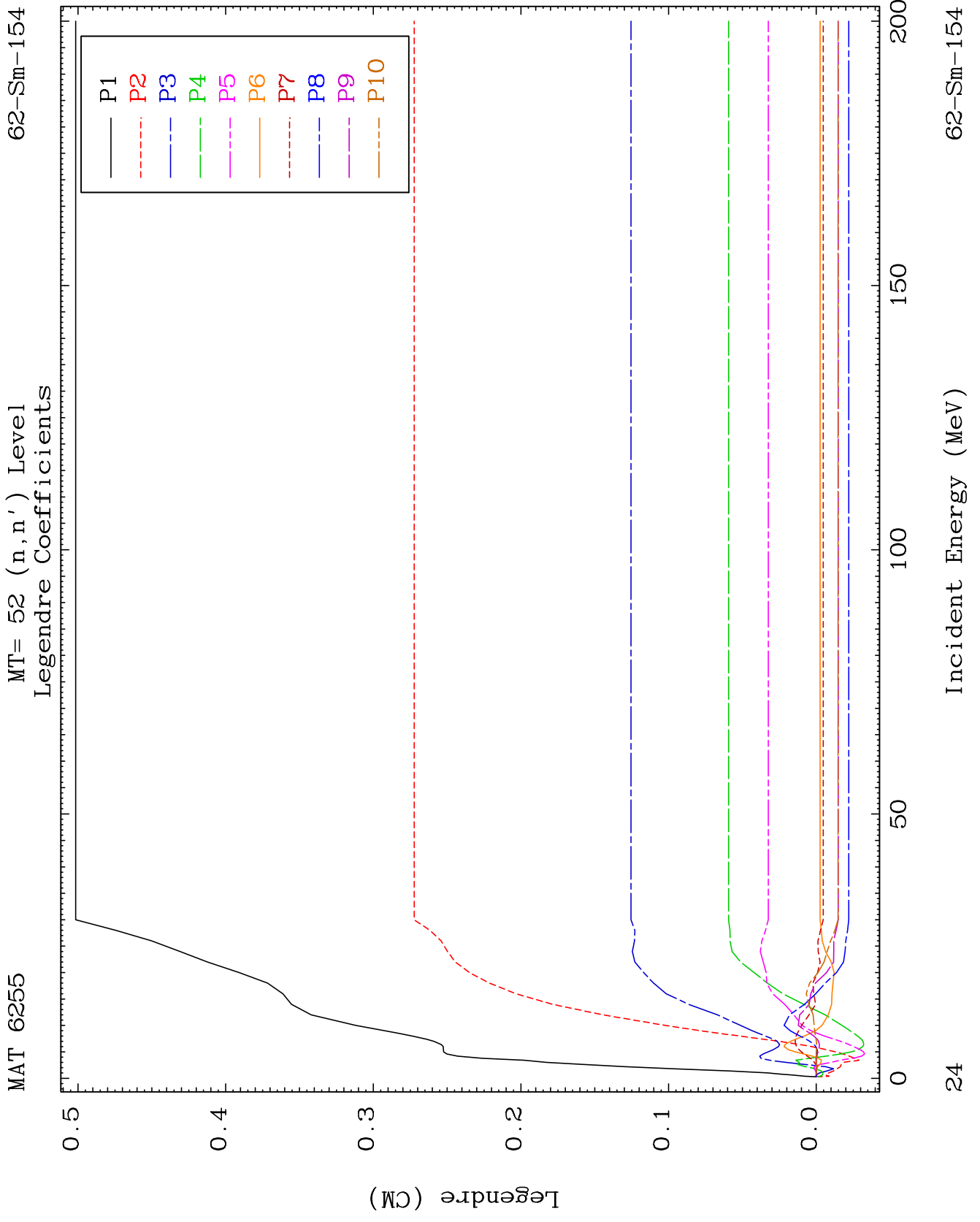
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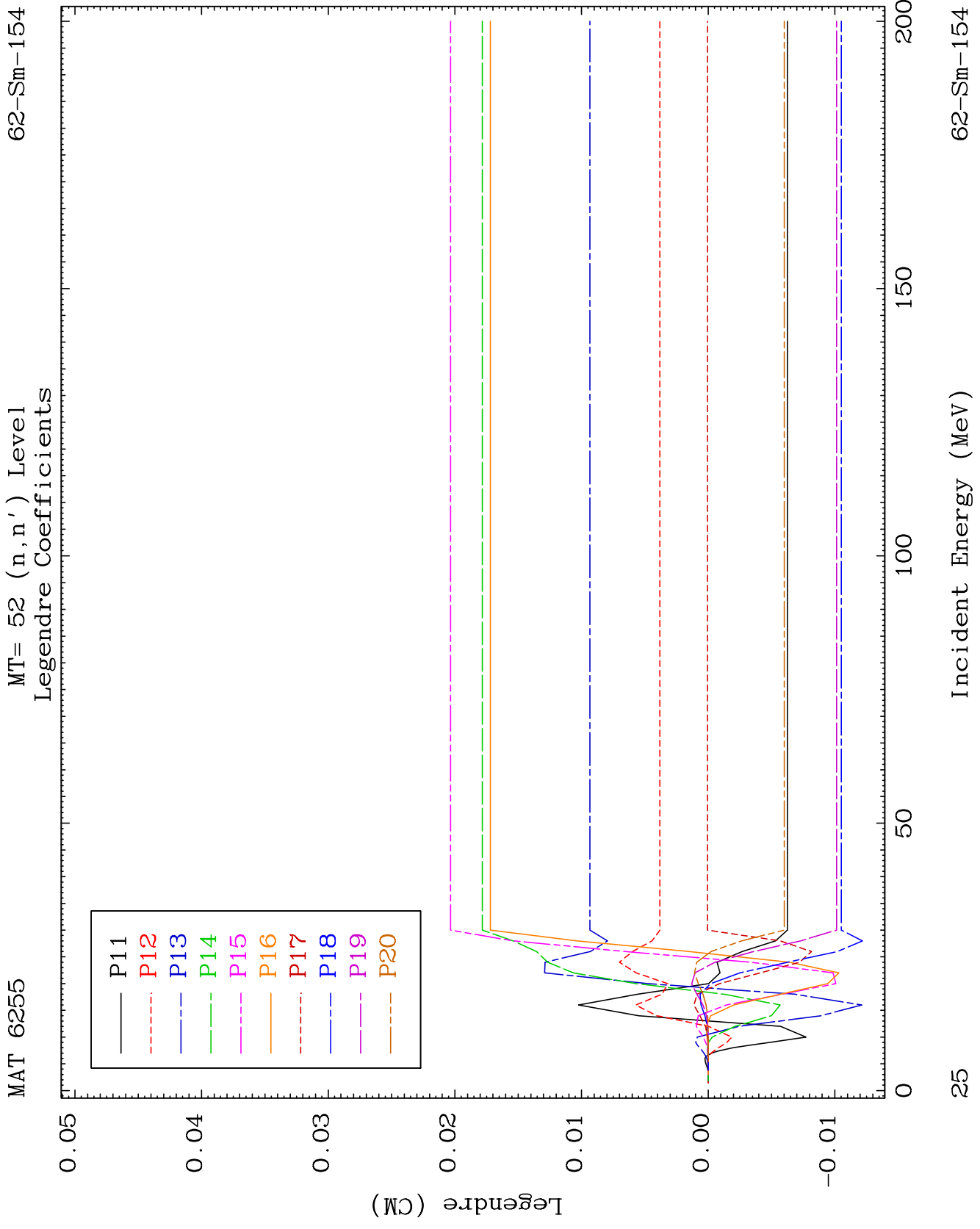


23

Incident Energy (MeV)

62-Sm-154

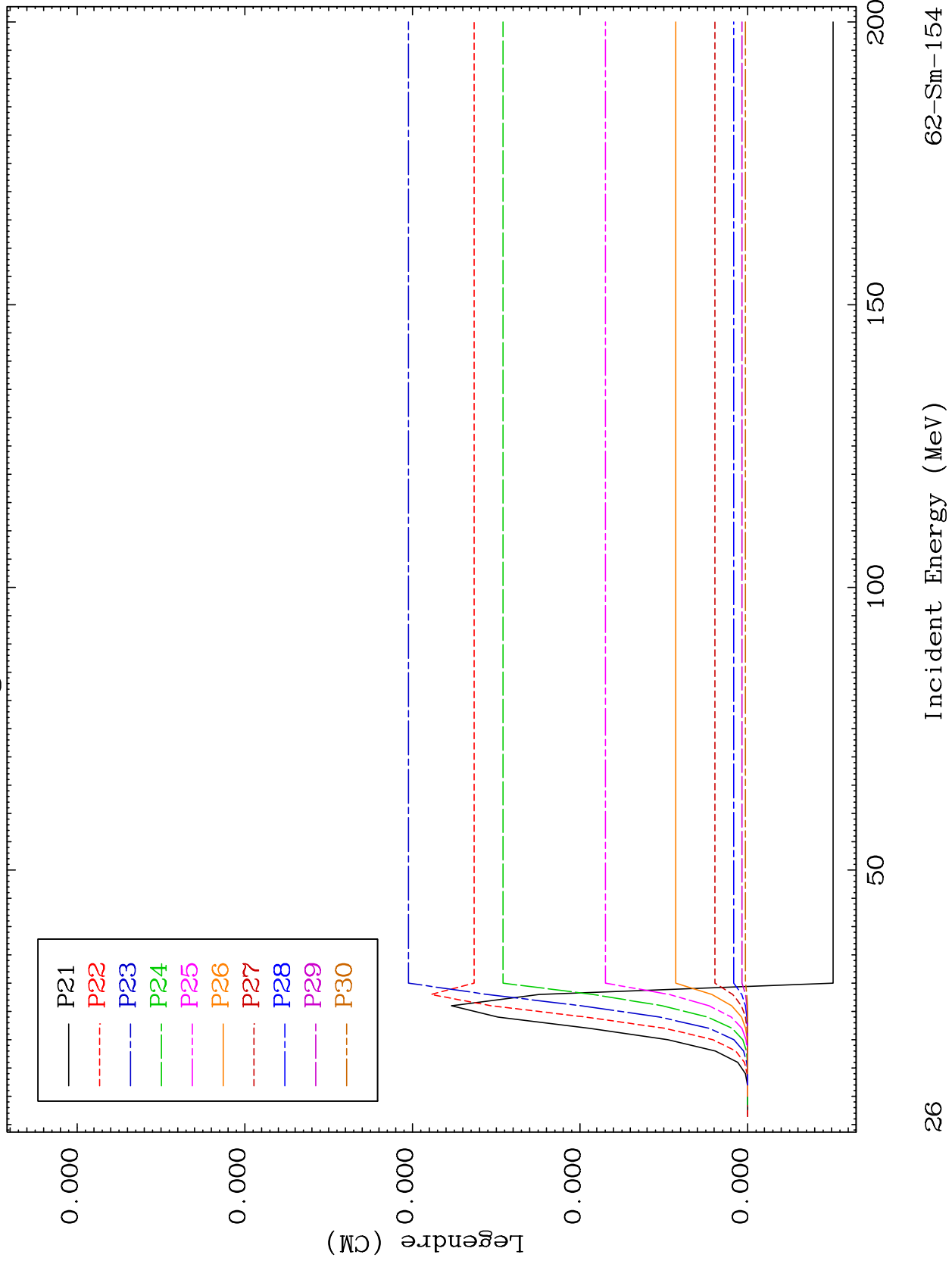




MAT 6255

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

62-Sm-154



26

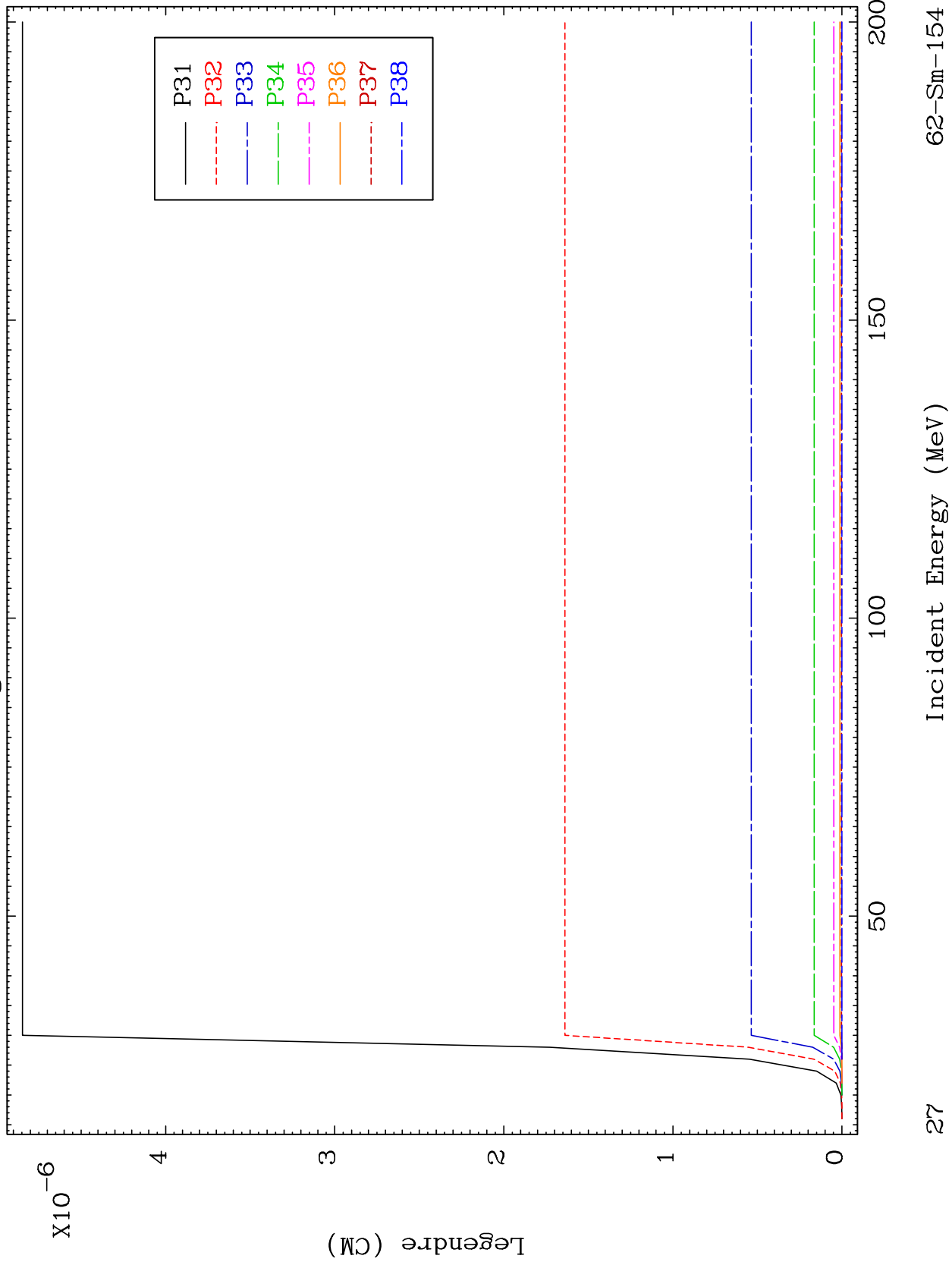
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



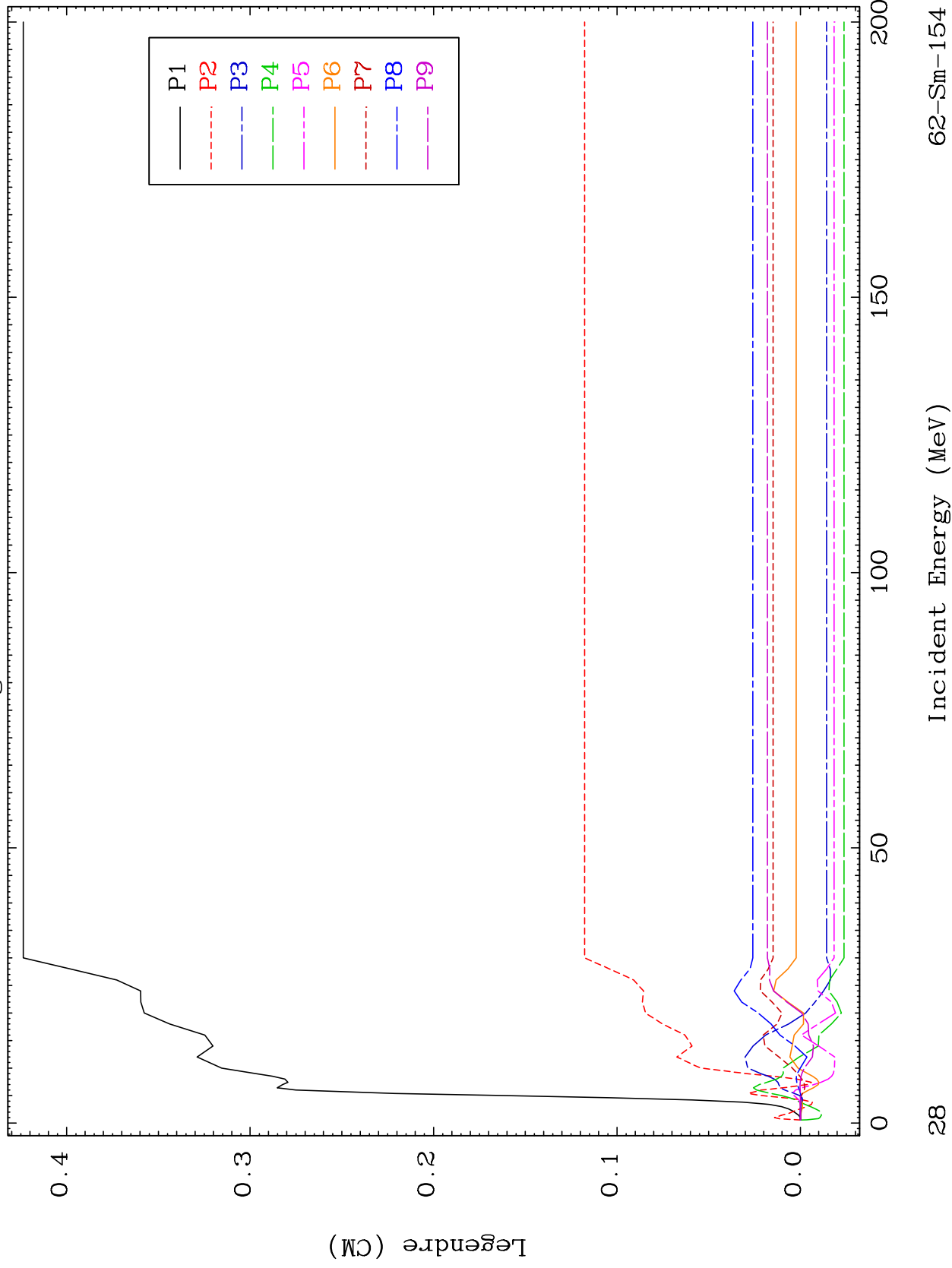
27

62-Sm-154

MAT 6255

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

62-Sm-154



62-Sm-154

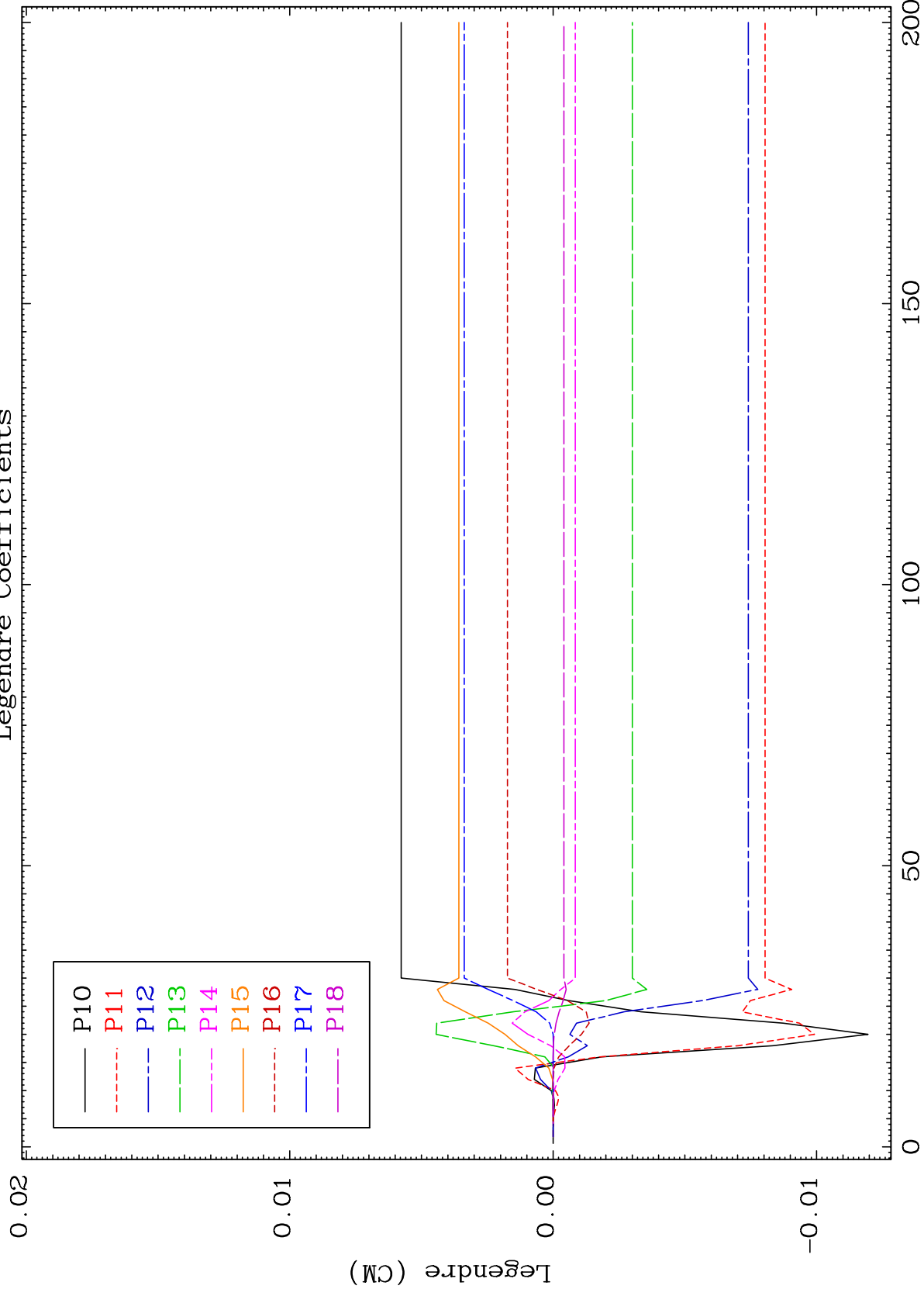
Incident Energy (MeV)

28

MAT 6255

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

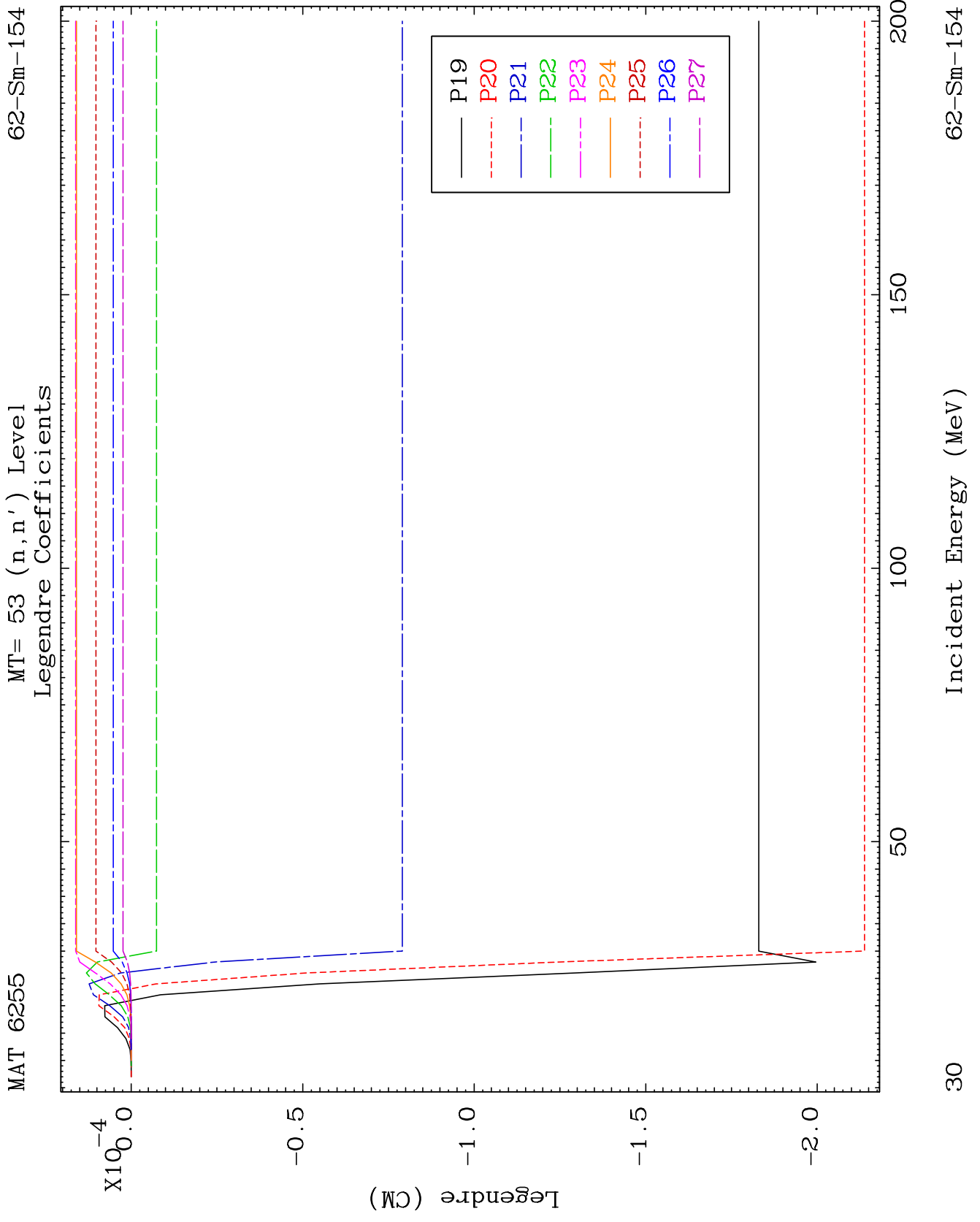
62-Sm-154



29

Incident Energy (MeV)

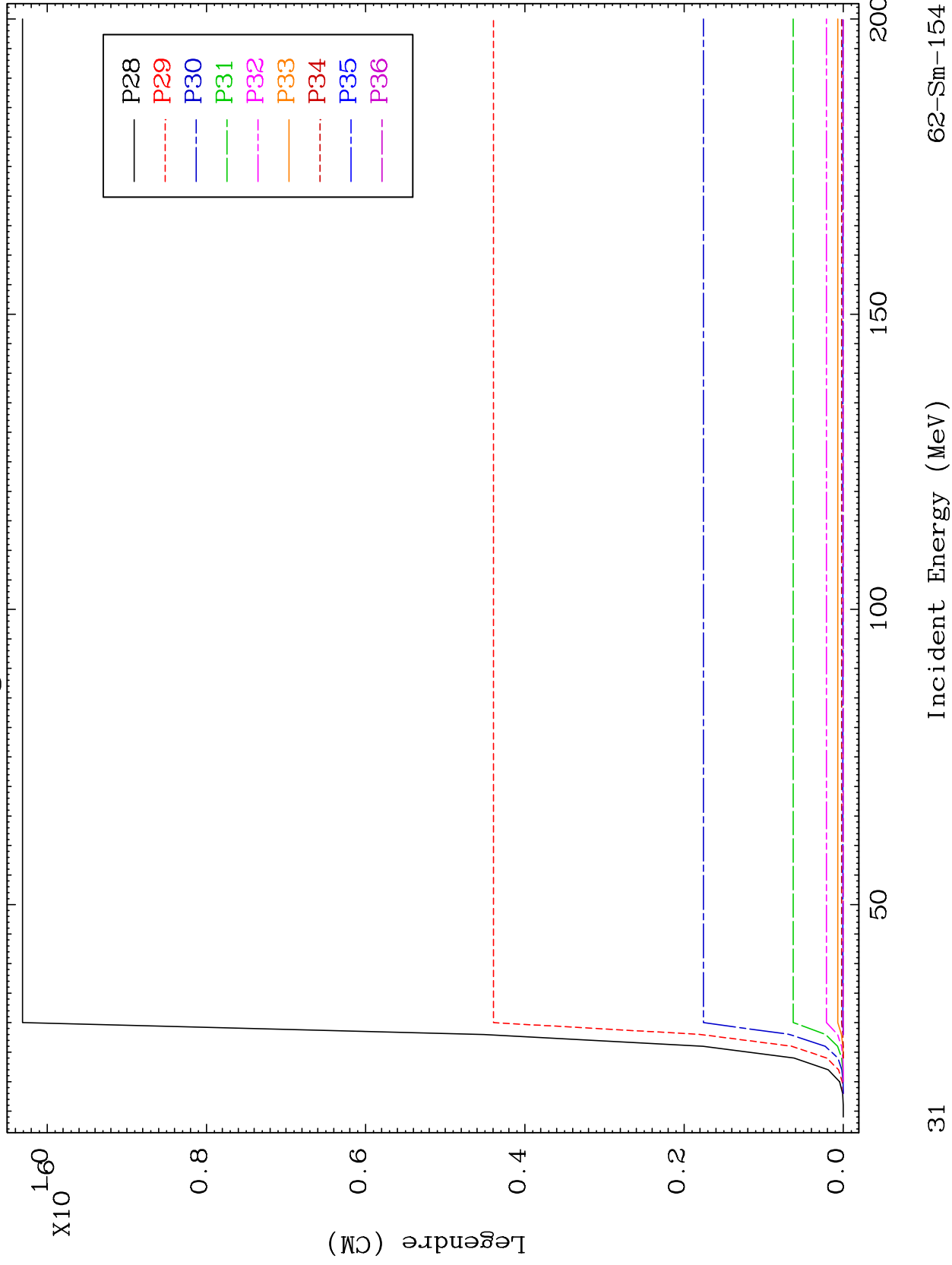
62-Sm-154



MAT 6255

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

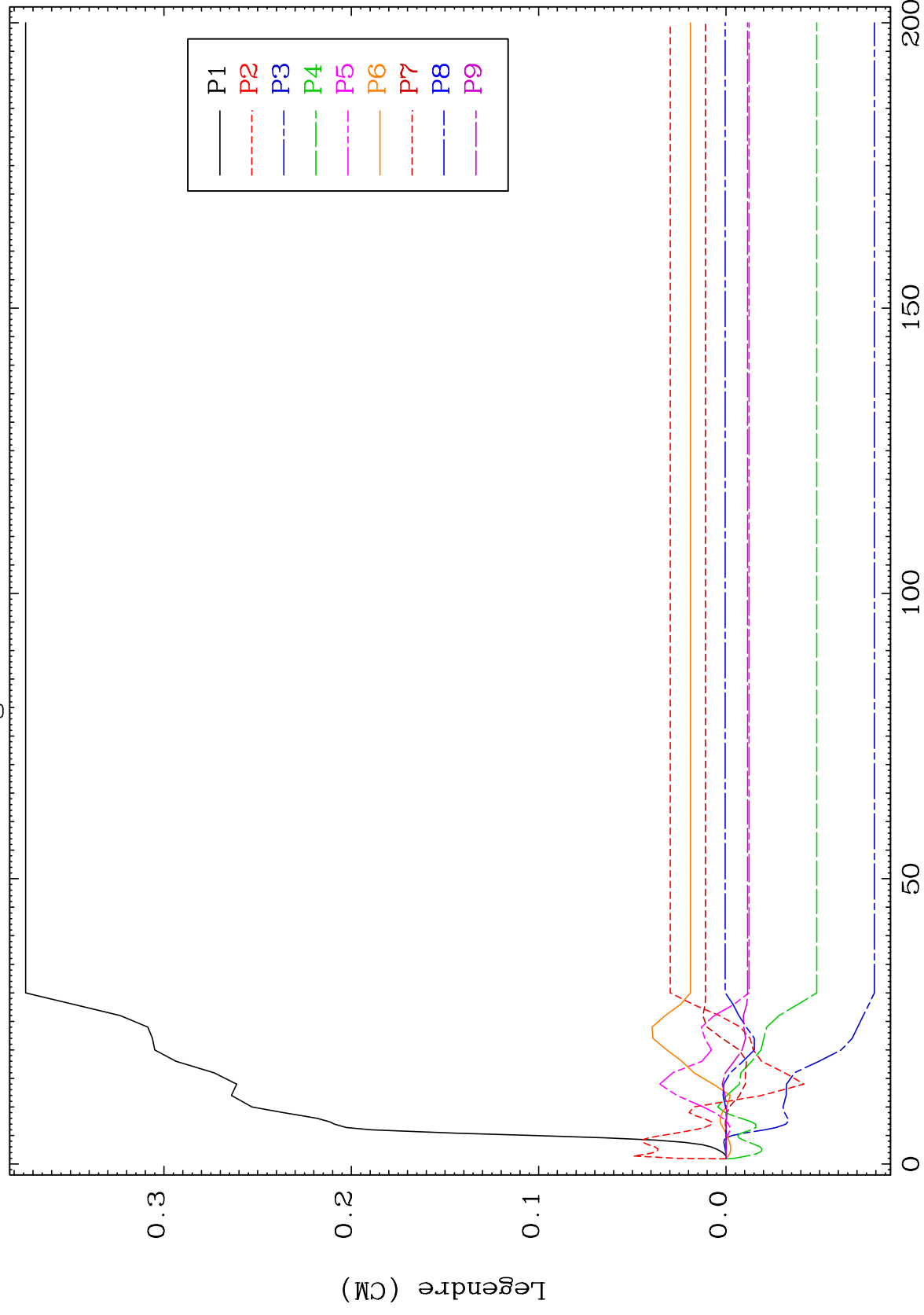
62-Sm-154



MAT 6255

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

62-Sm-154



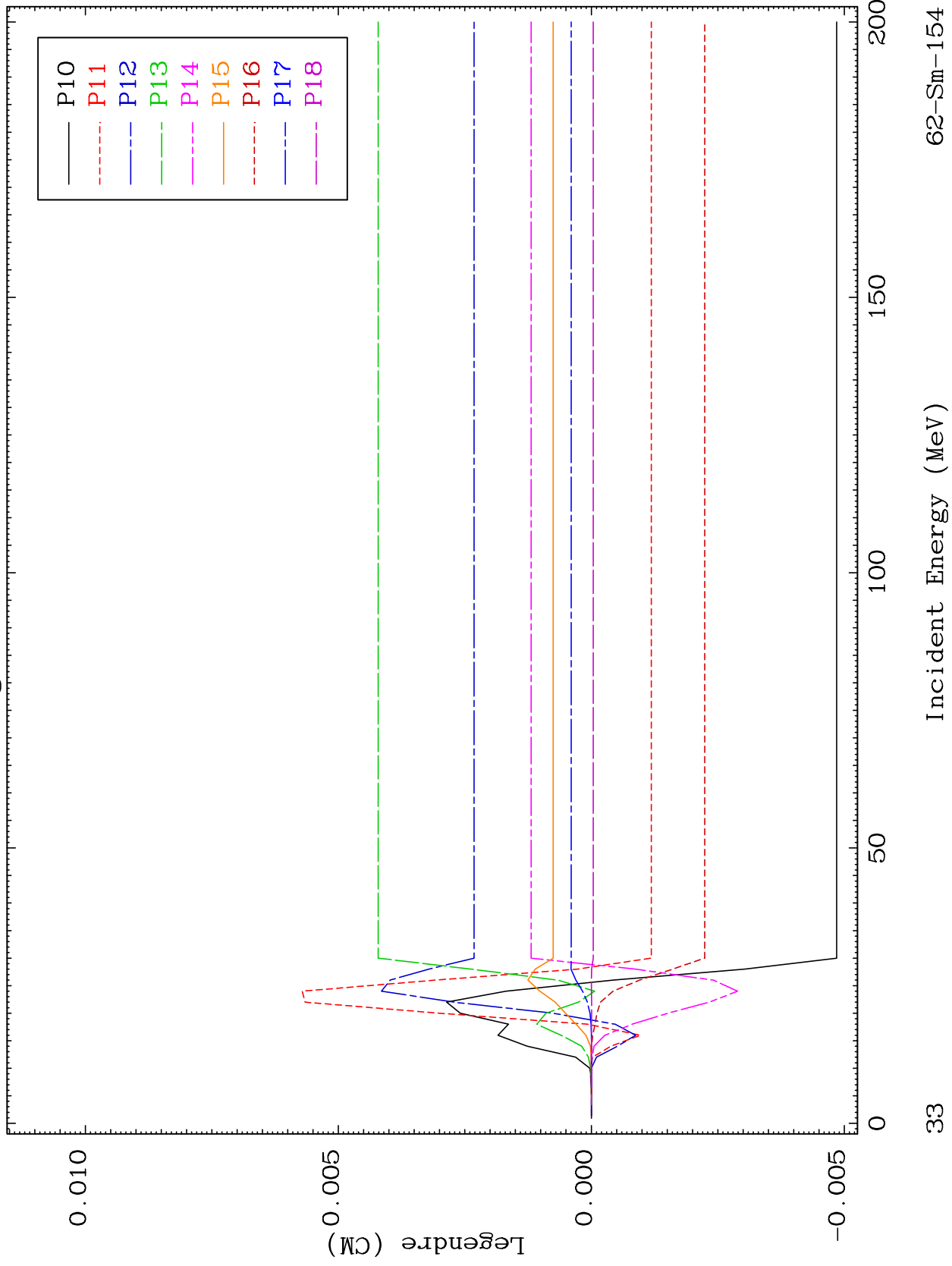
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62-Sm-154

MAT 6255

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

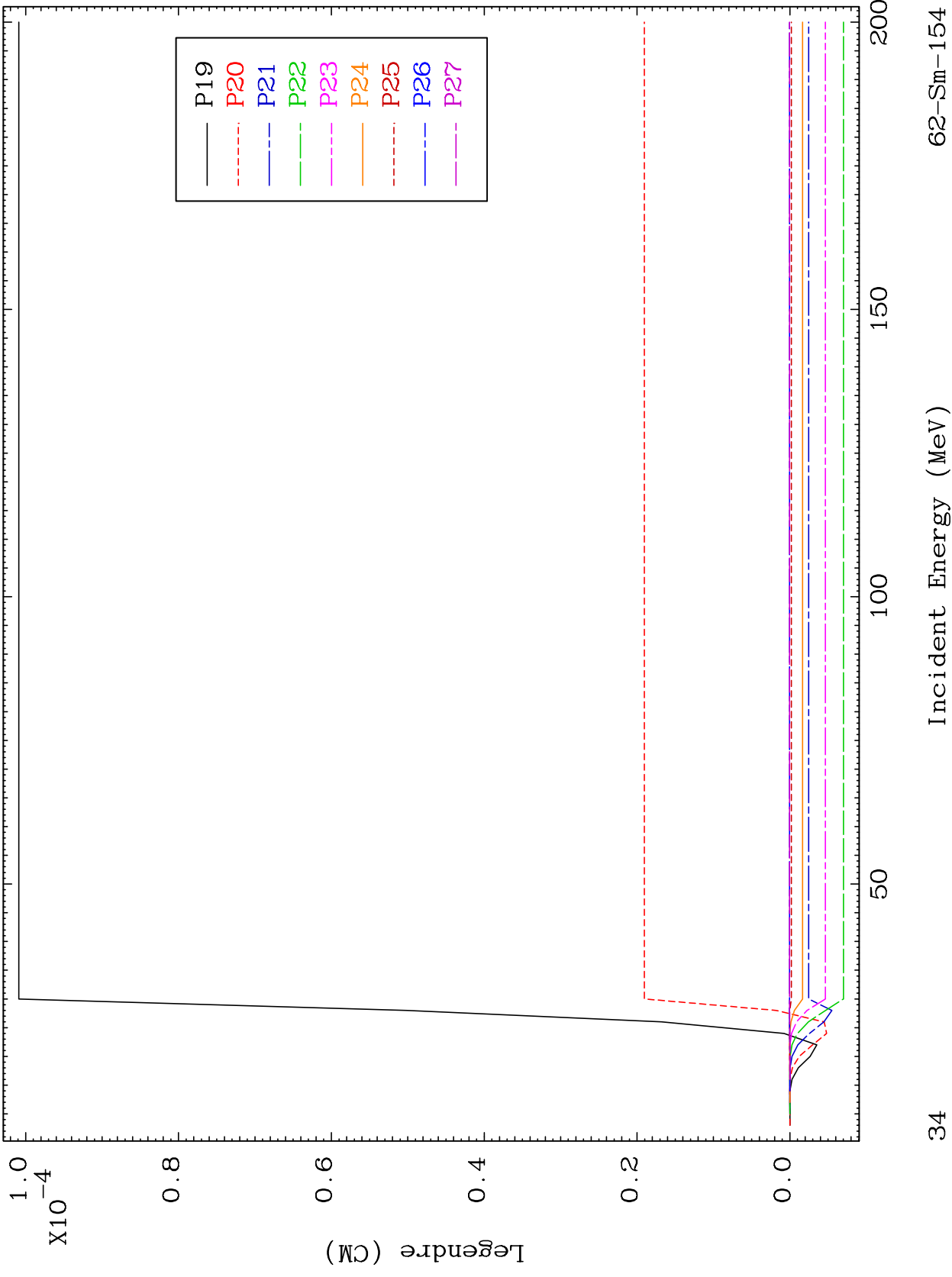
62-Sm-154



33

Incident Energy (MeV)

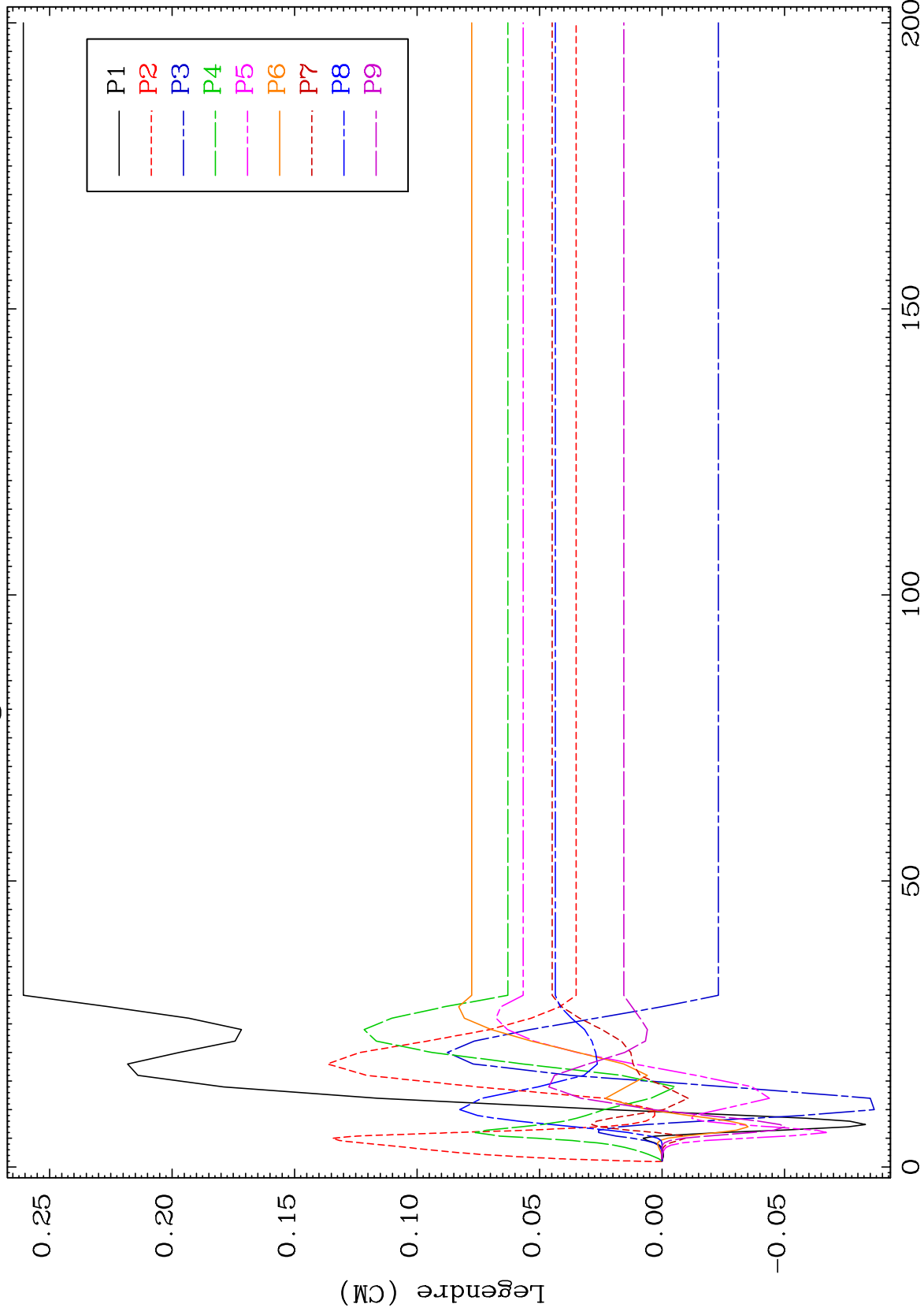
62-Sm-154



MAT 6255

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

62-Sm-154



36

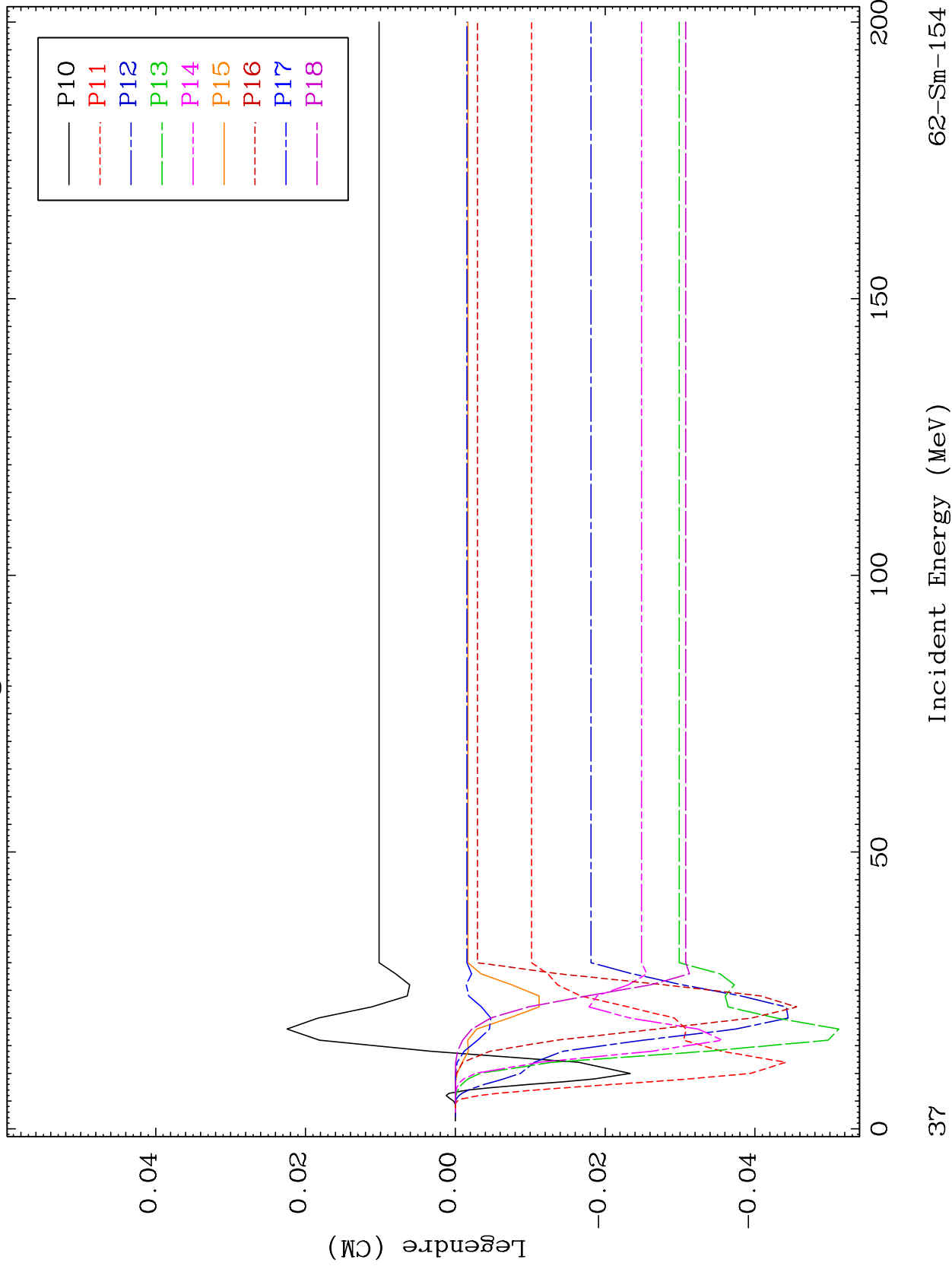
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



37

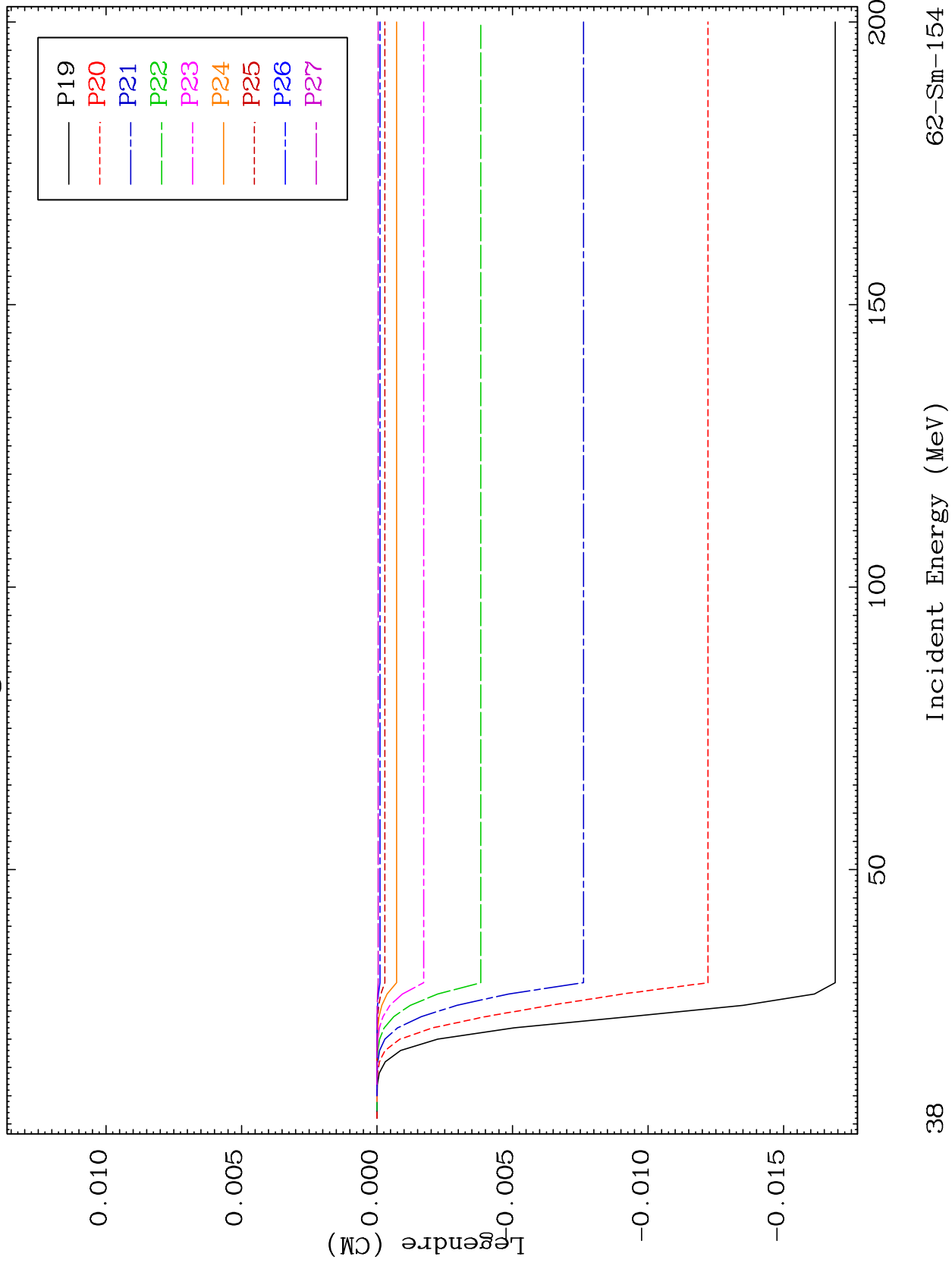
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

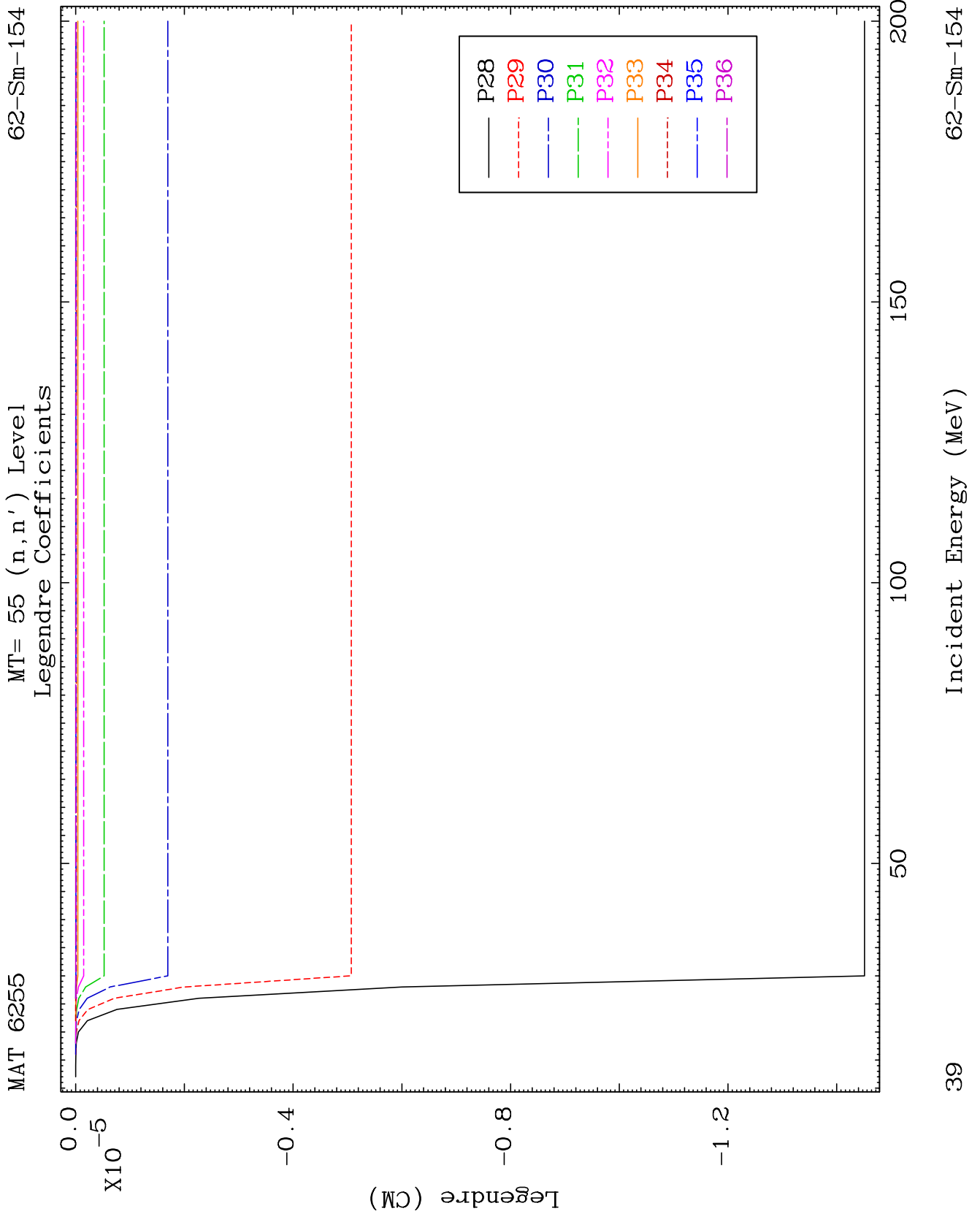
62-Sm-154



38

Incident Energy (MeV)

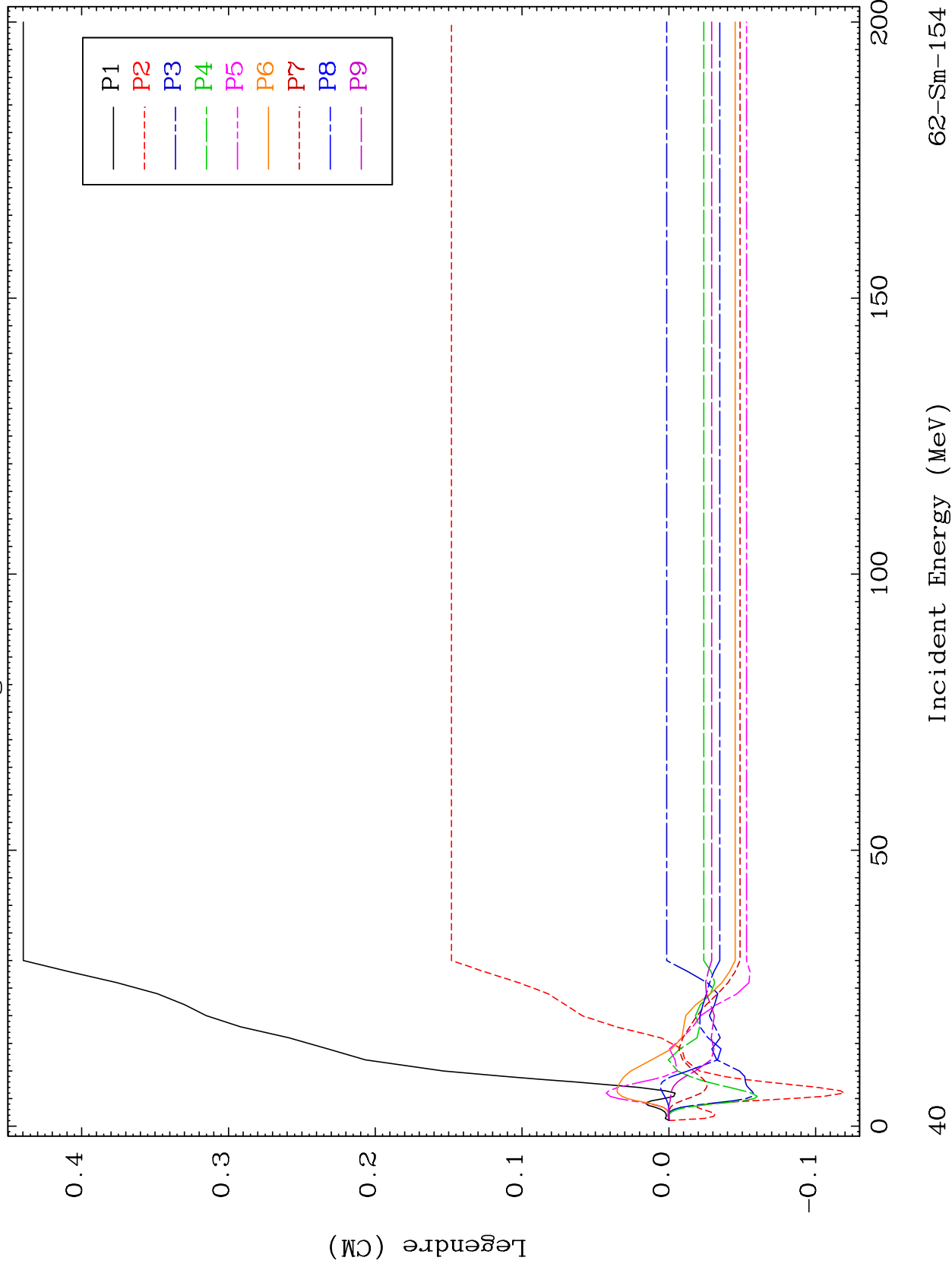
62-Sm-154



MAT 6255

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

62-Sm-154



62-Sm-154

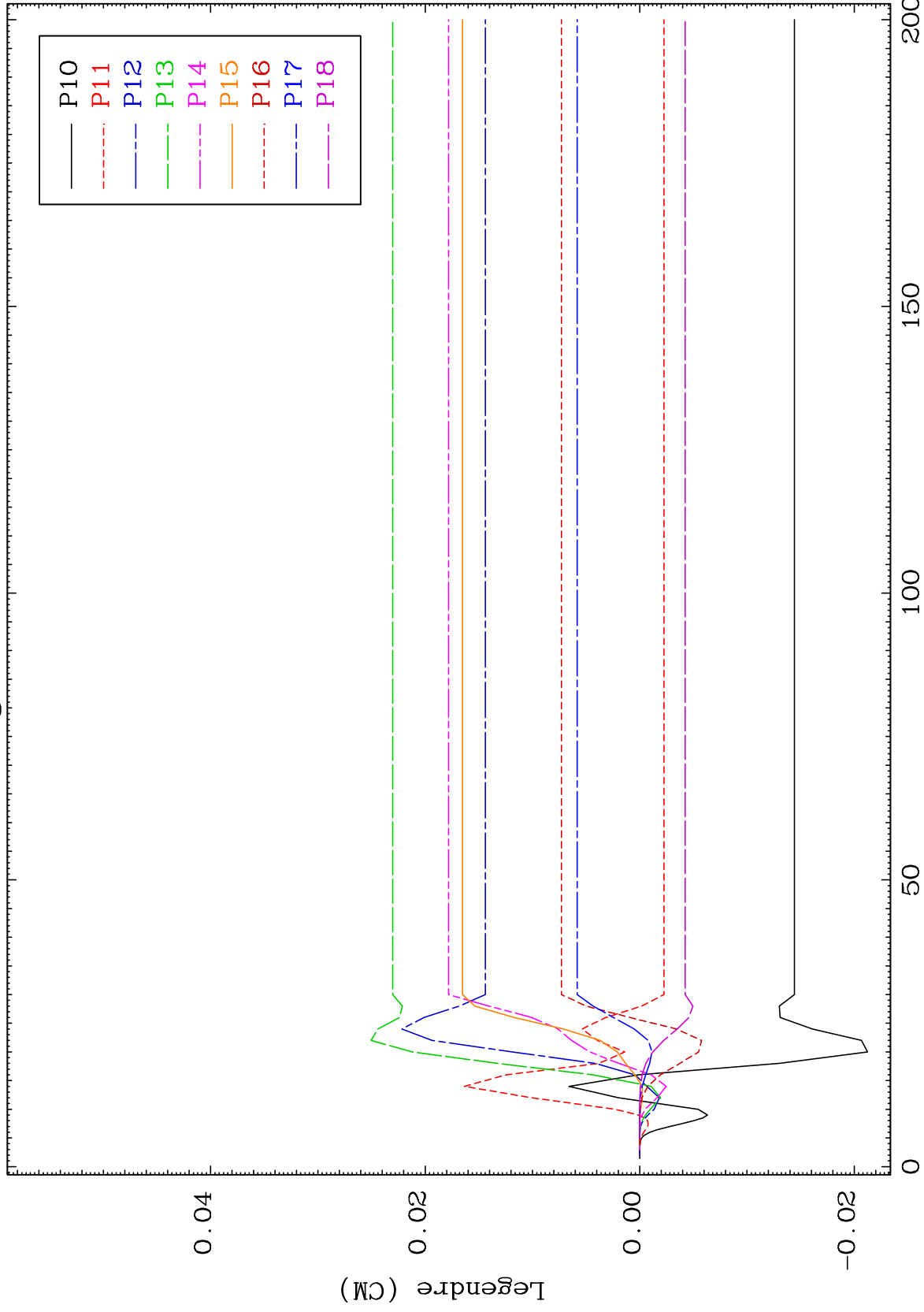
Incident Energy (MeV)

40

MAT 6255

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

62-Sm-154



41

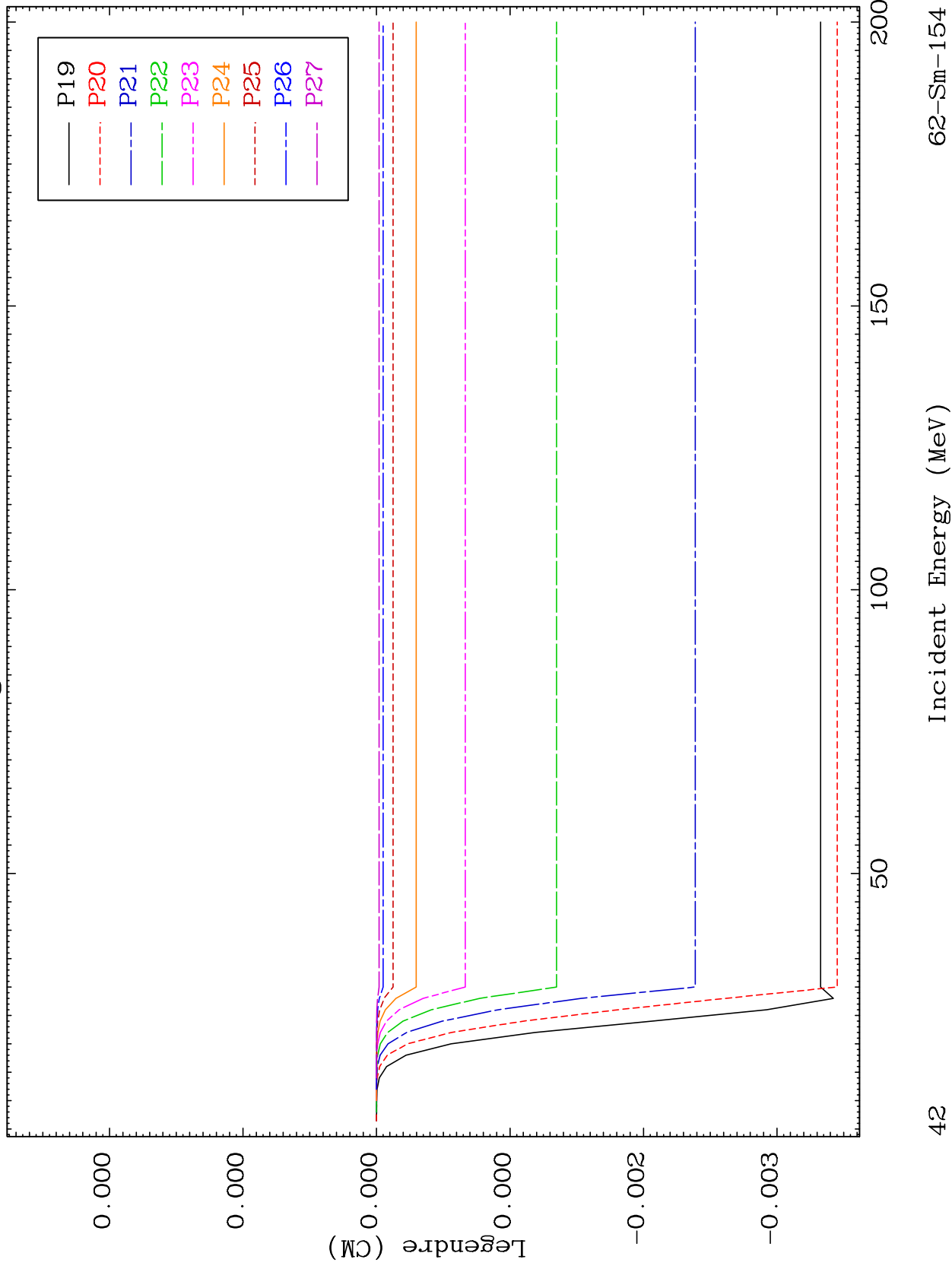
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

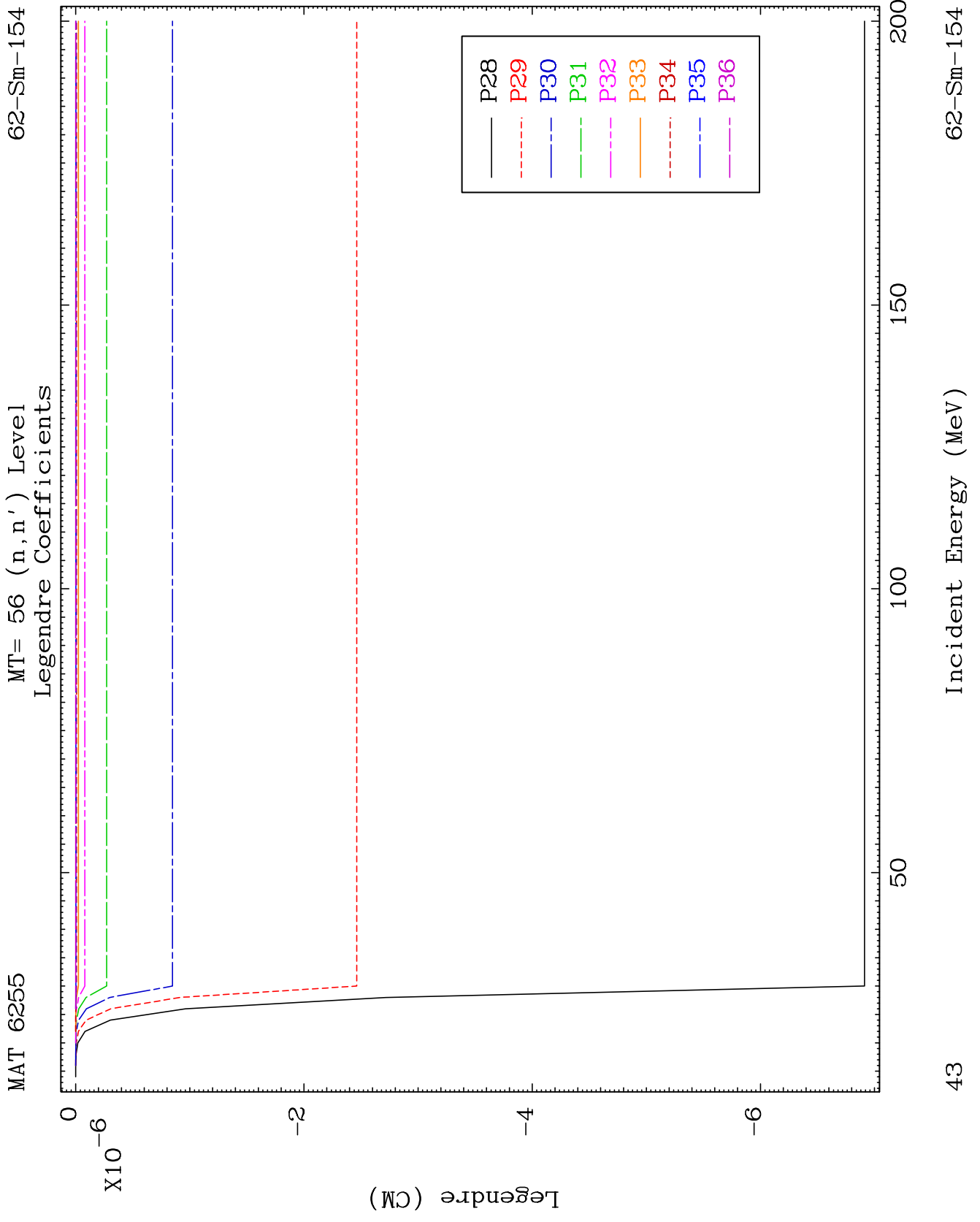
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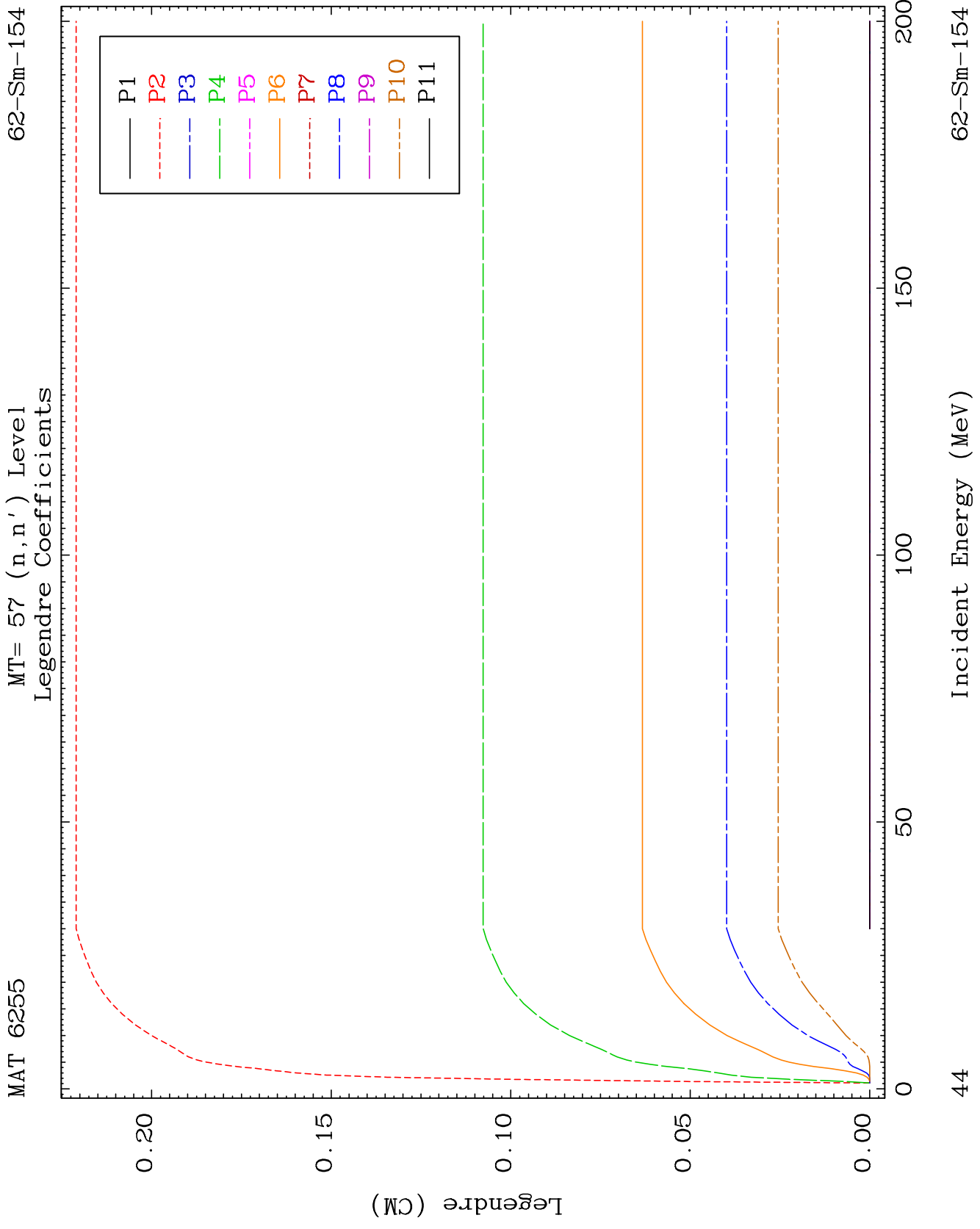


42

Incident Energy (MeV)

62-Sm-154

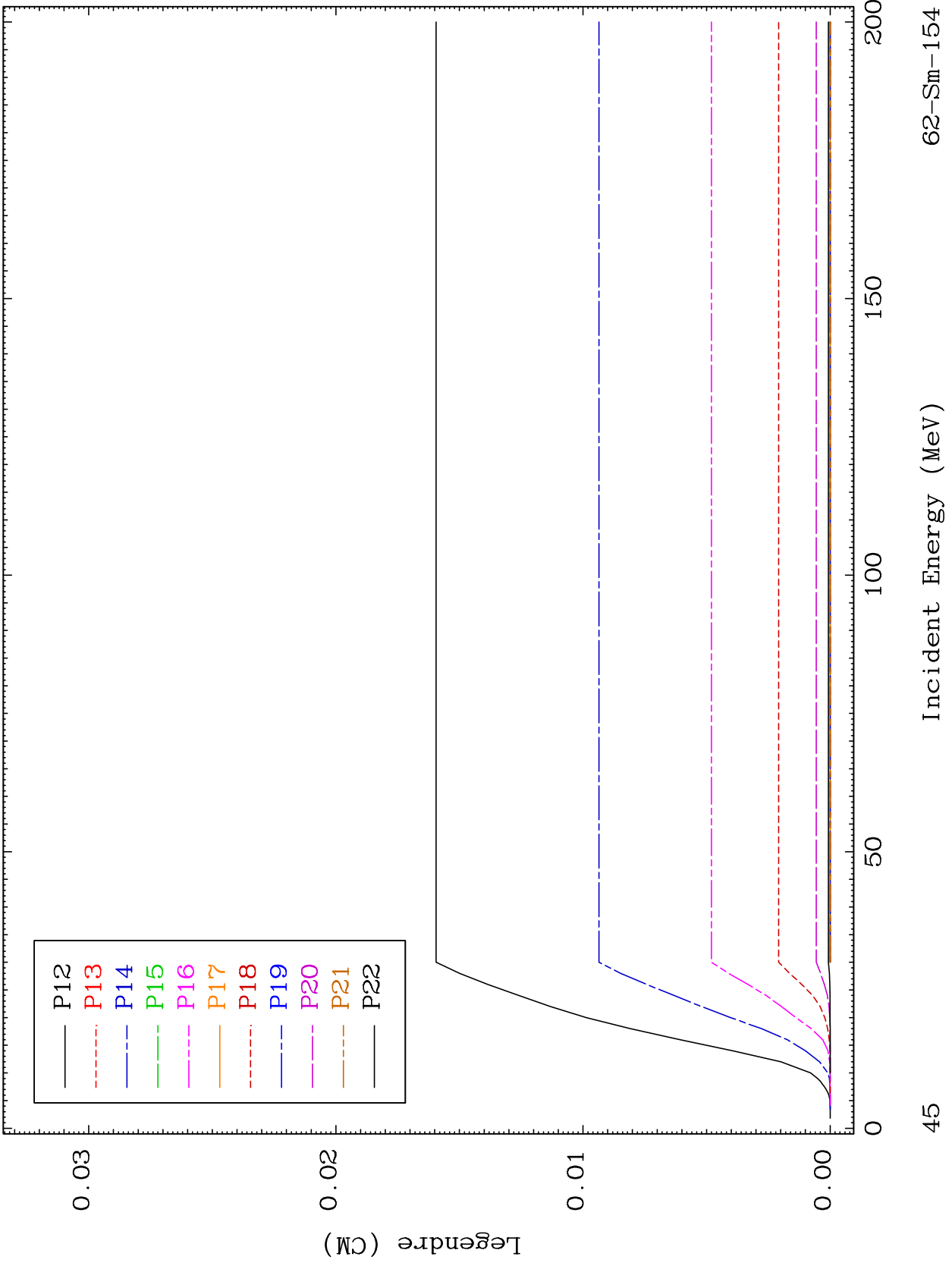




MAT 62555

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

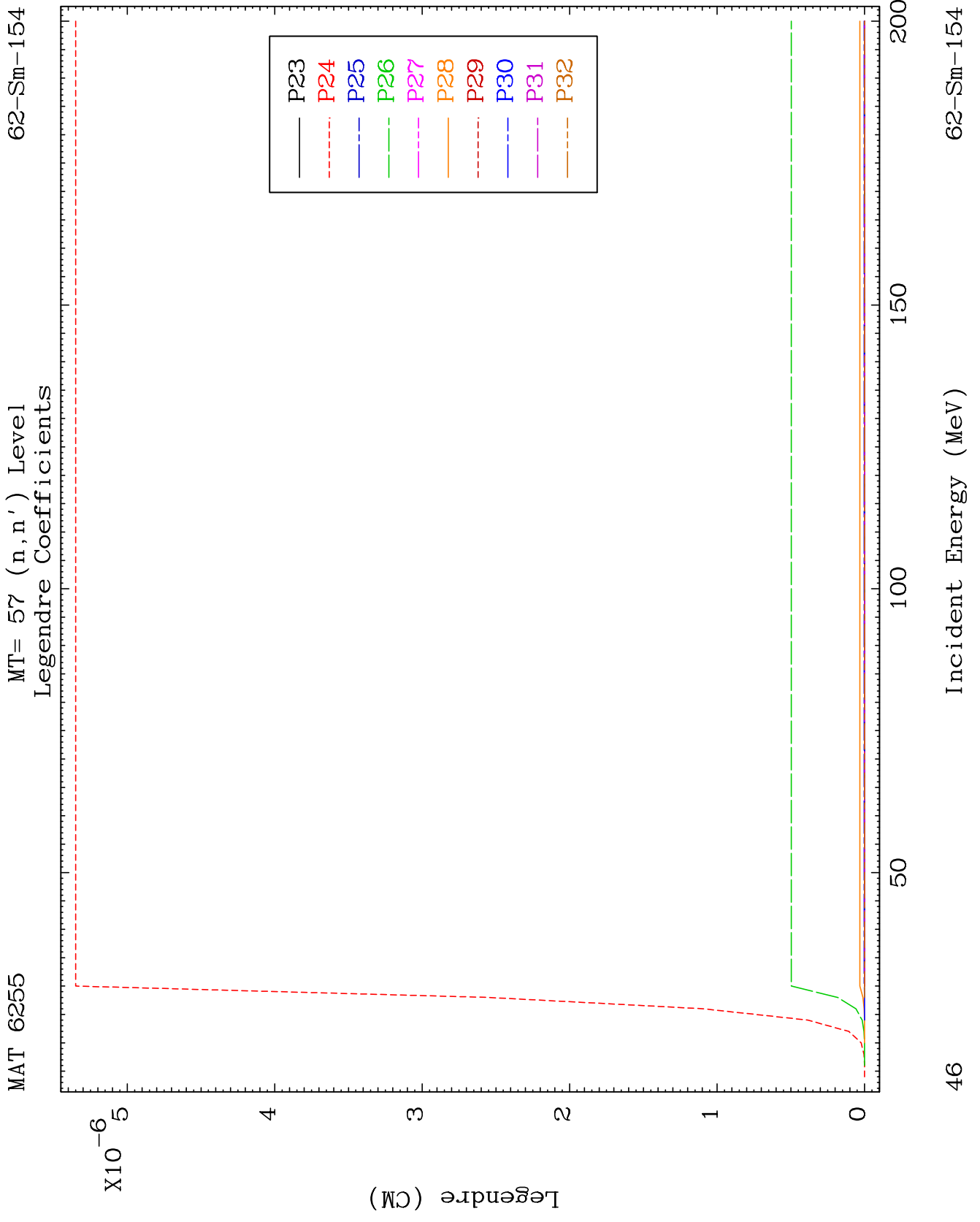
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62-Sm-154

Incident Energy (MeV)

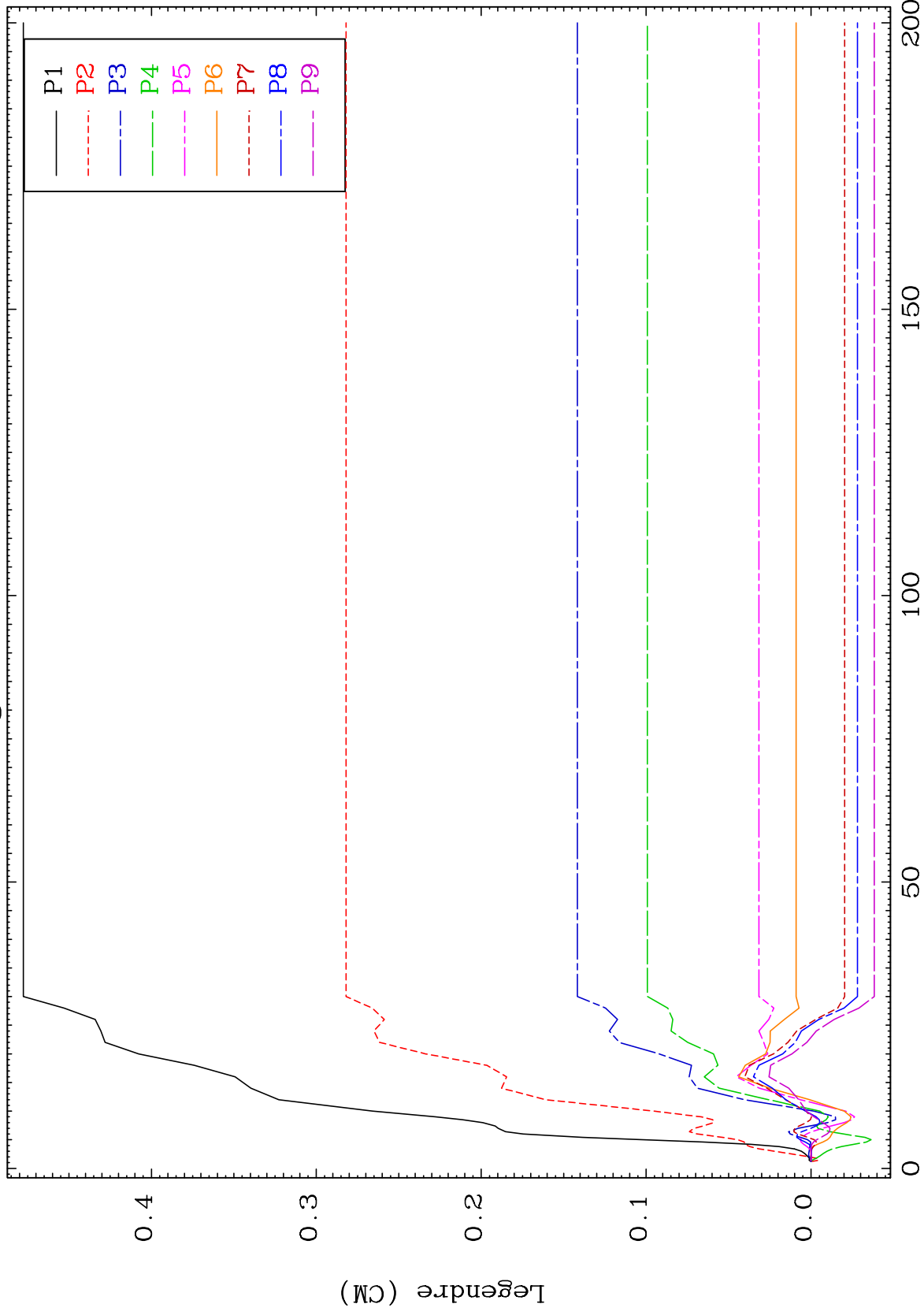
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MAT 6255

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

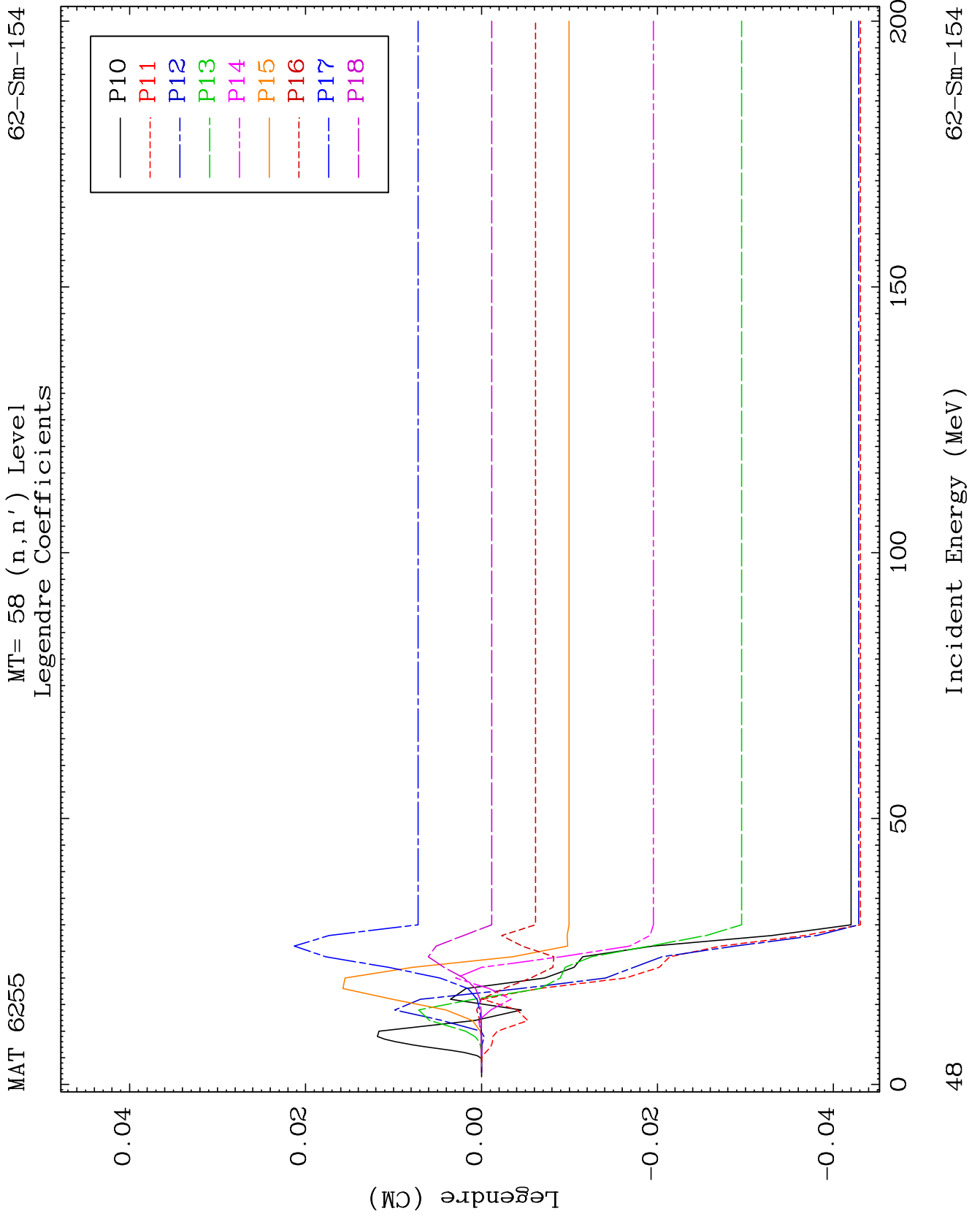
62-Sm-154



47

Incident Energy (MeV)

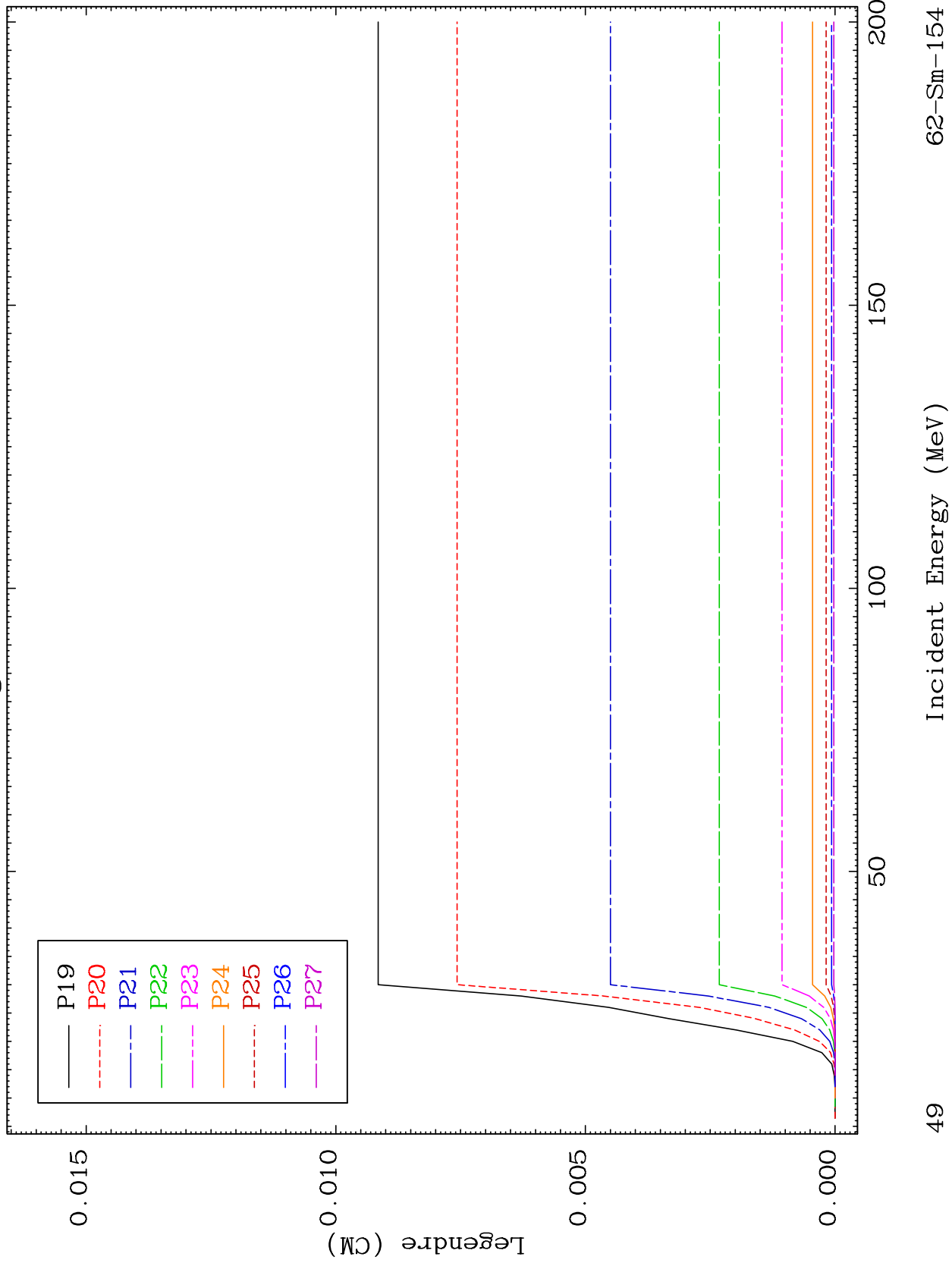
62-Sm-154



MAT 6255

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

62-Sm-154



49

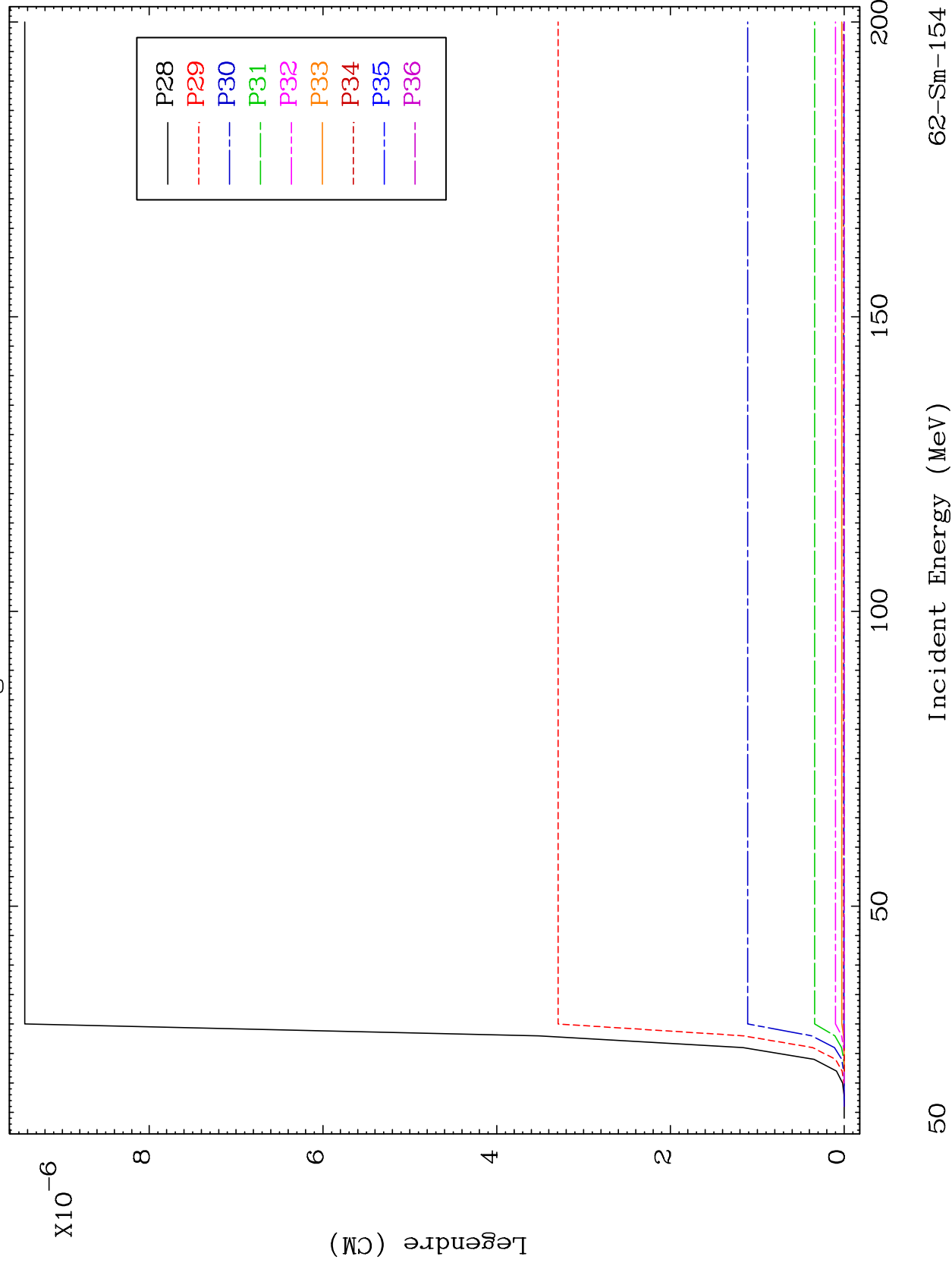
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



50

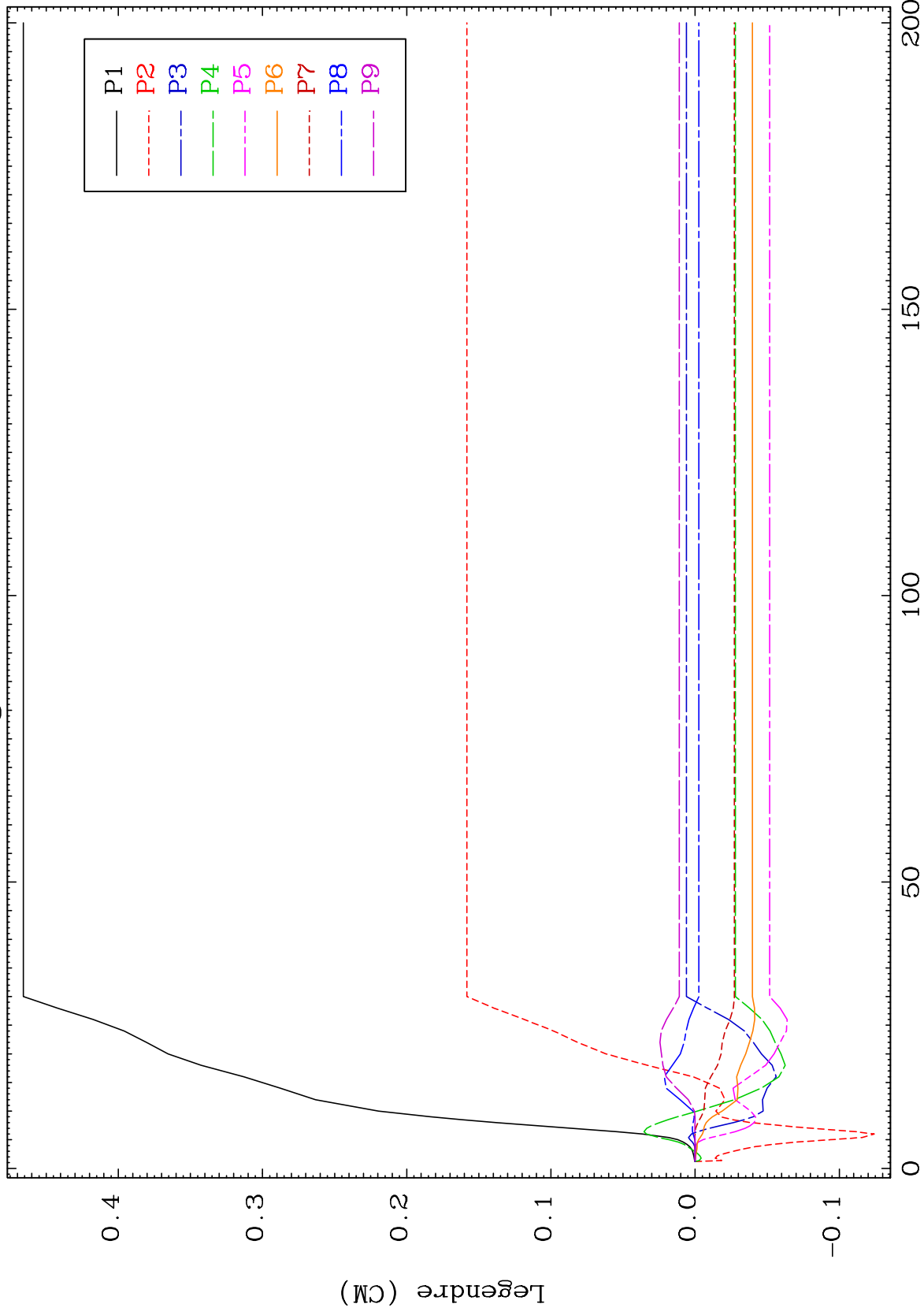
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

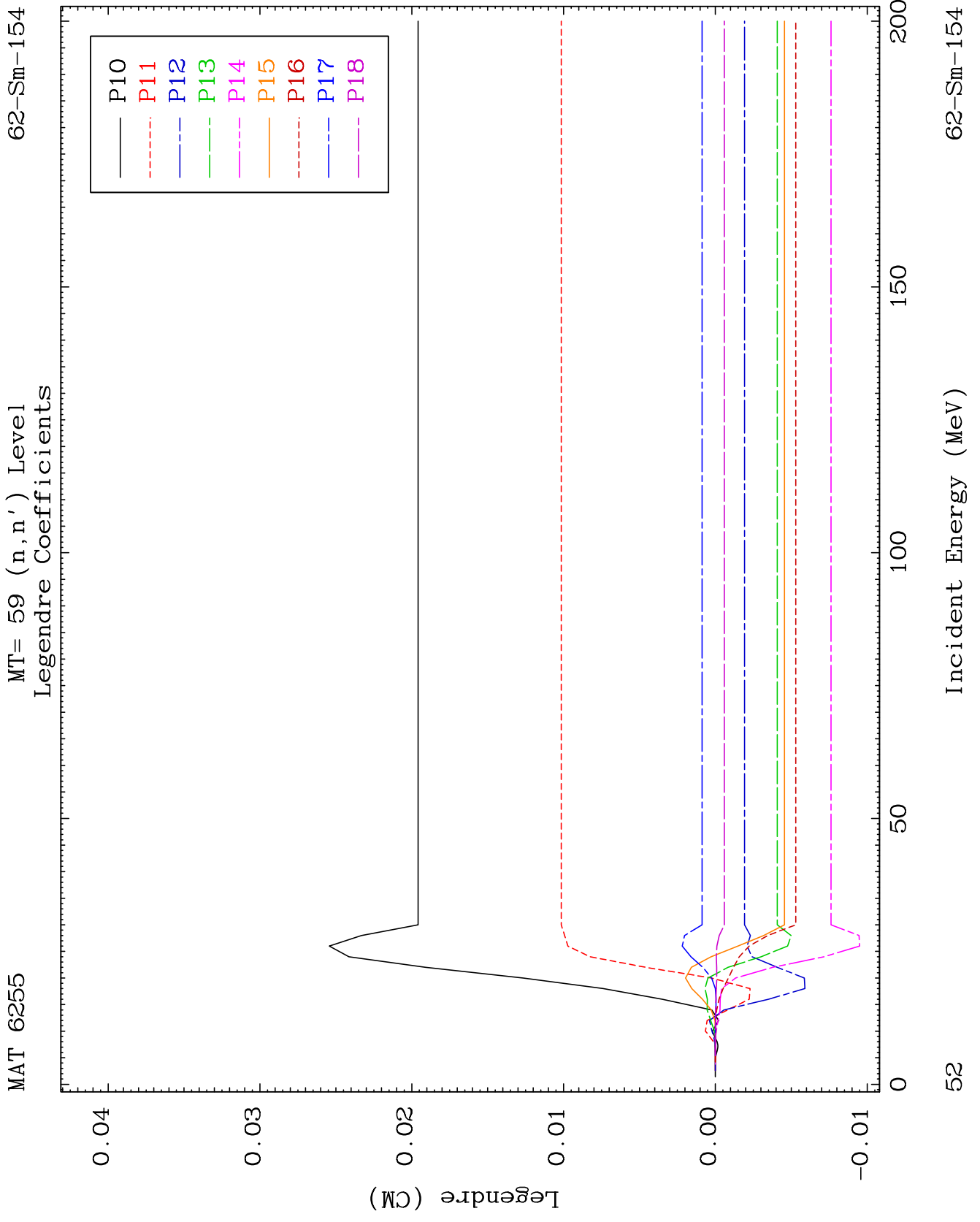
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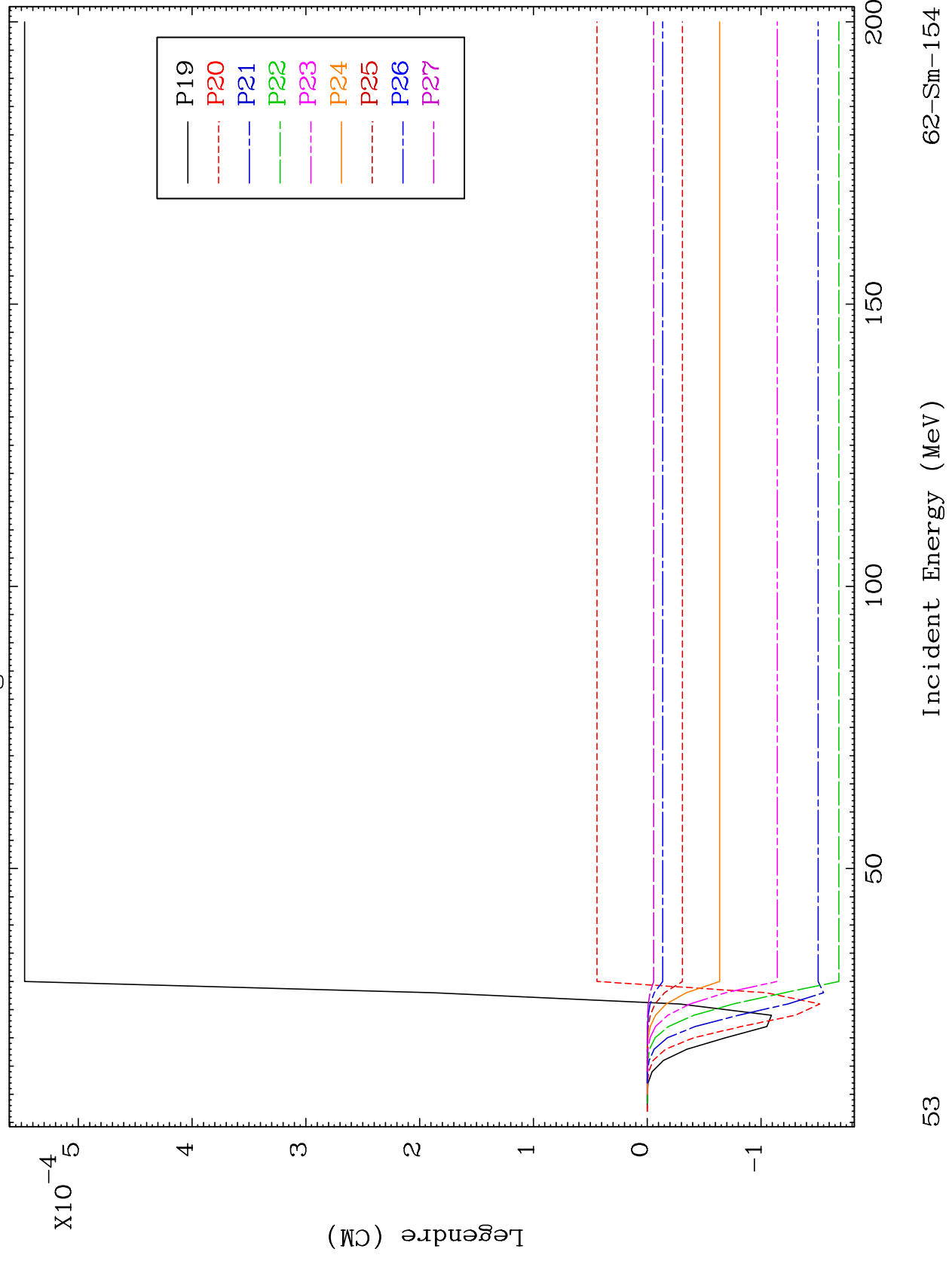


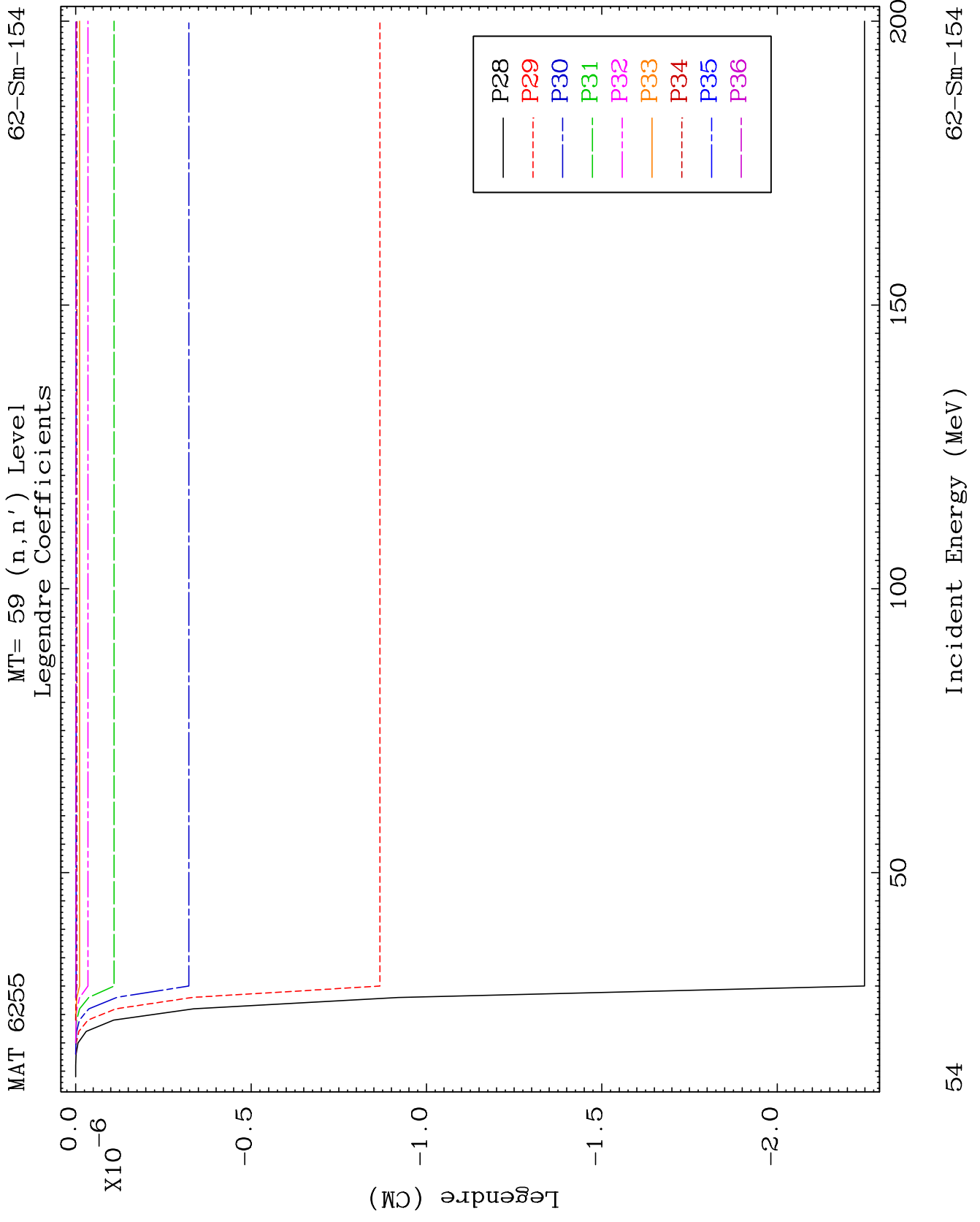
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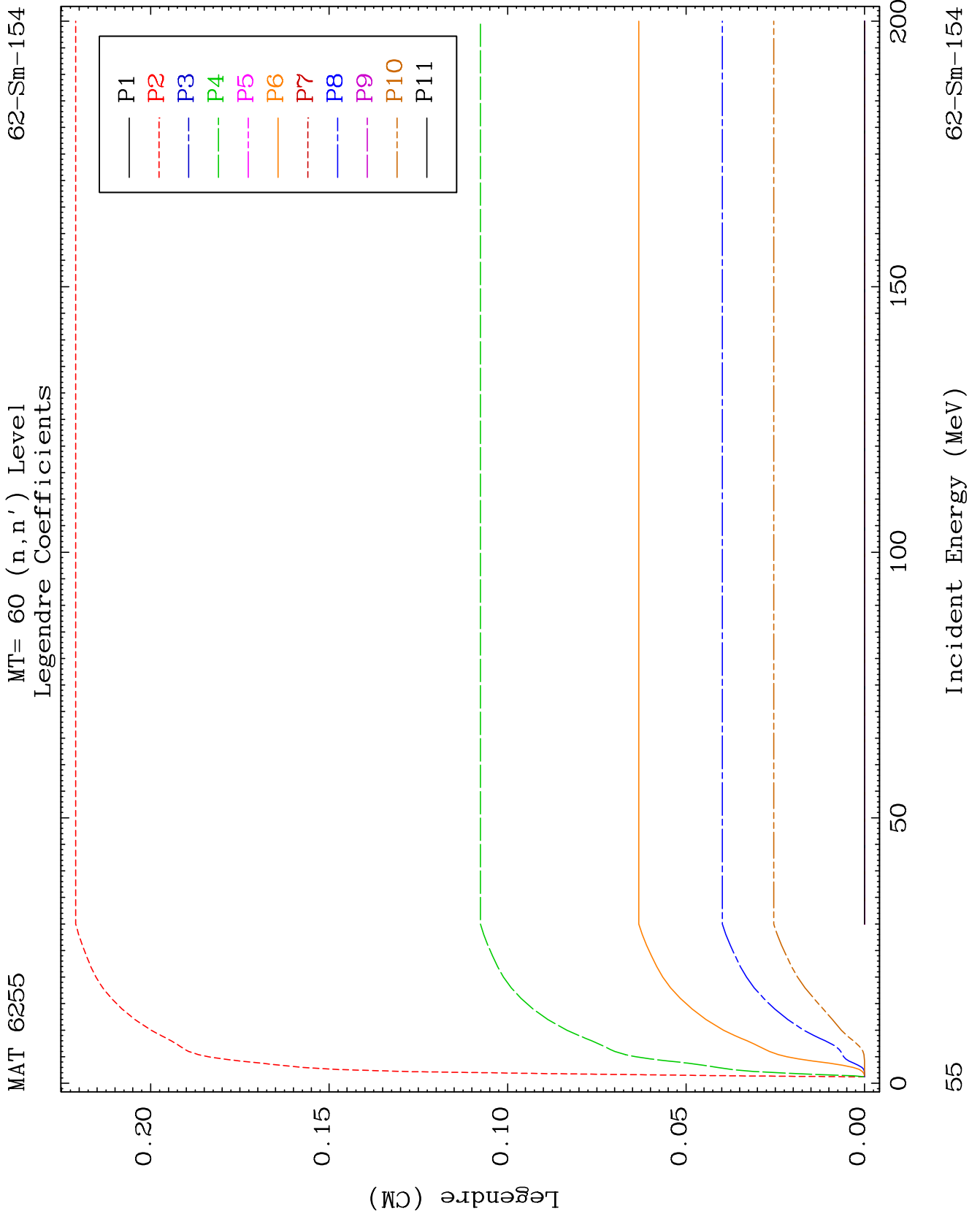
Incident Energy (MeV)

62-Sm-154





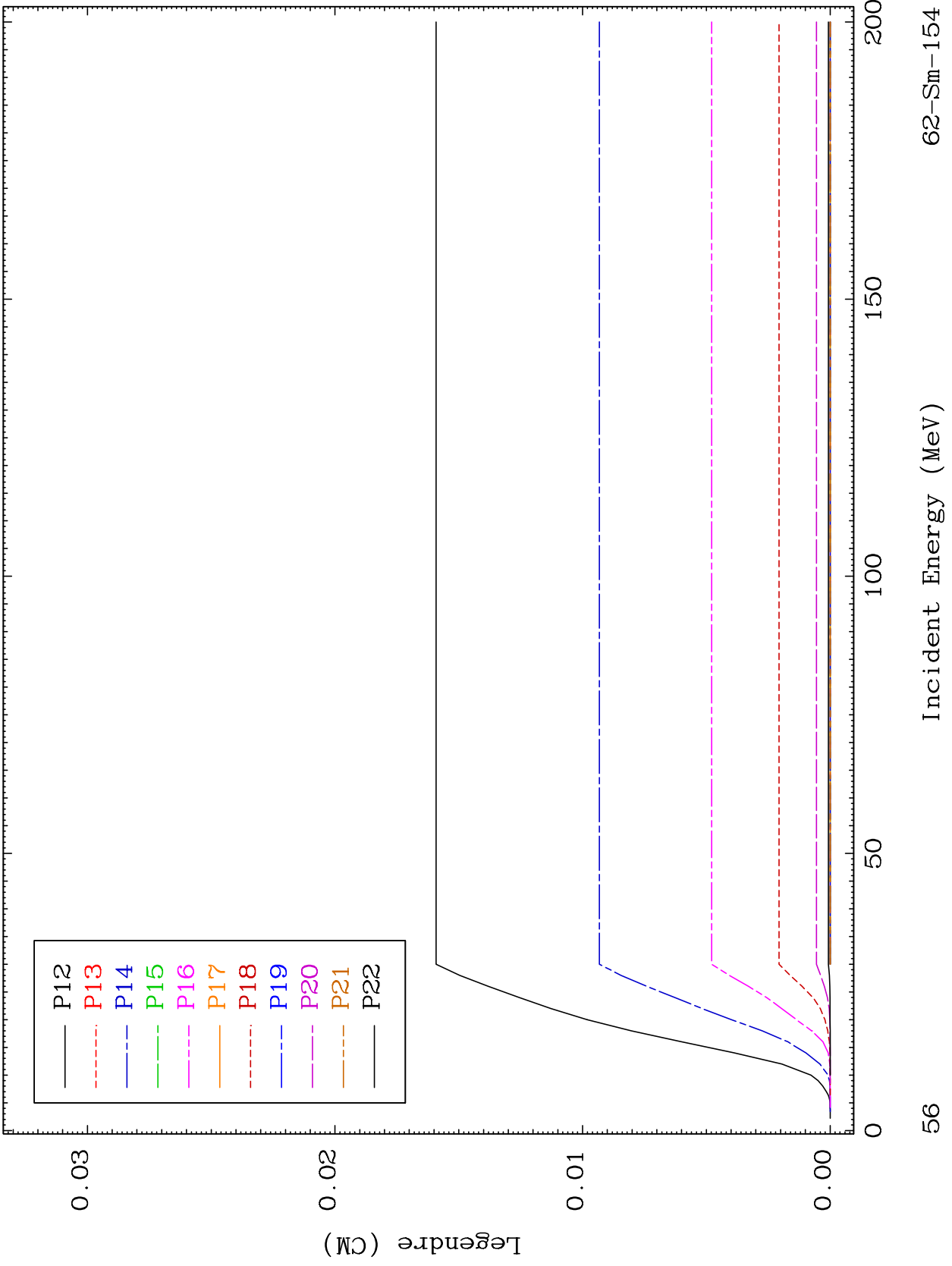




MAT 62555

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

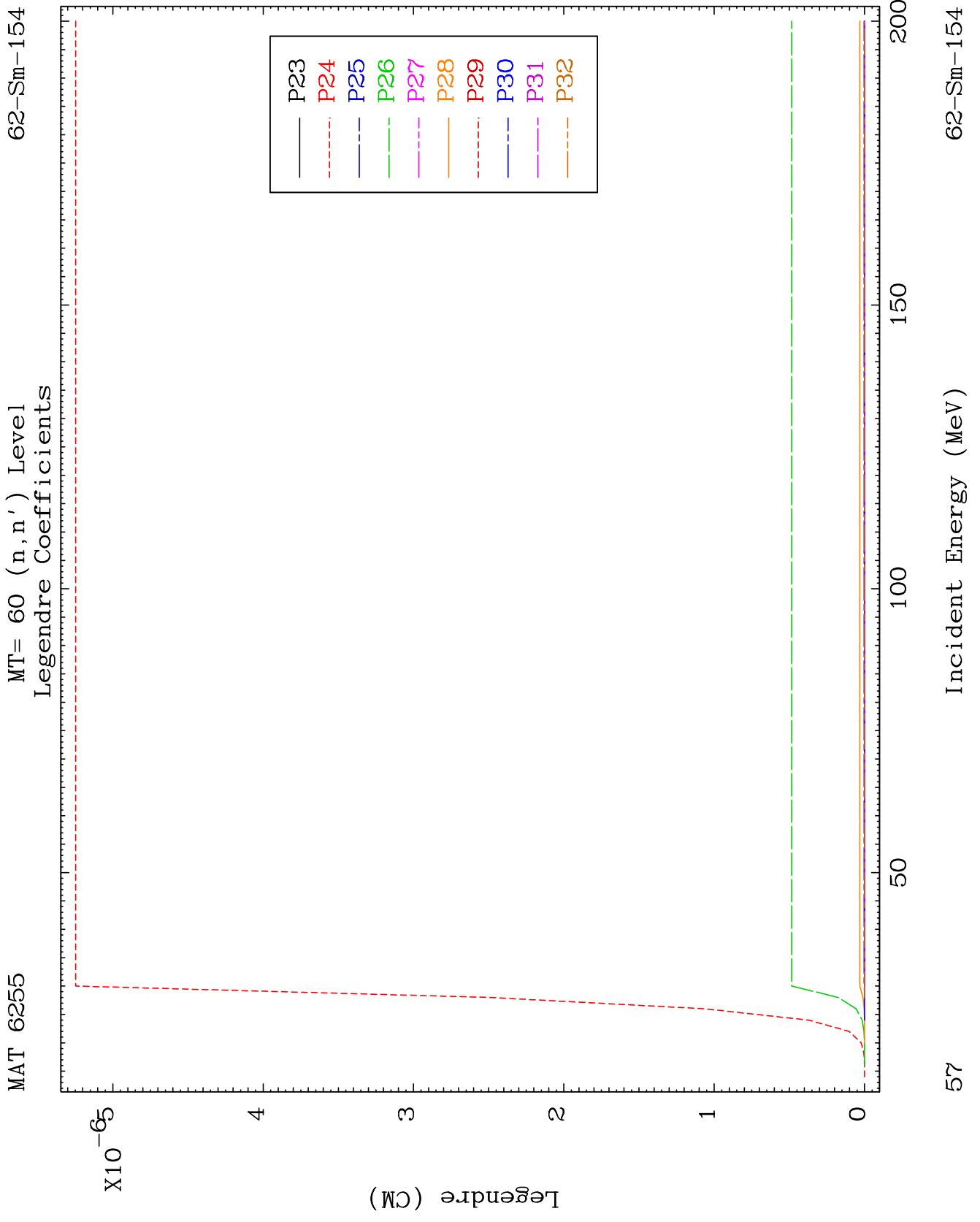
62-Sm-154

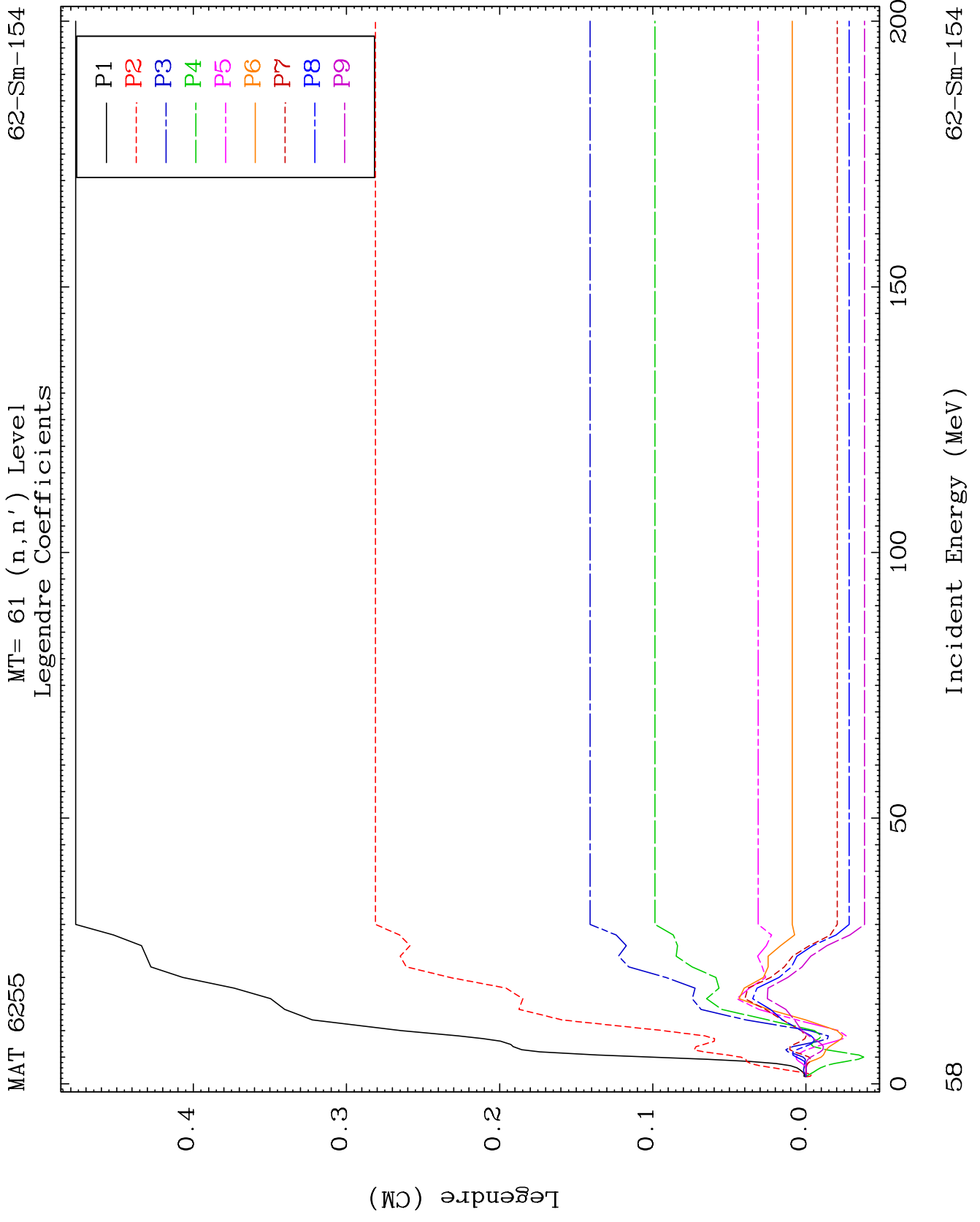


56

Incident Energy (MeV)

62-Sm-154

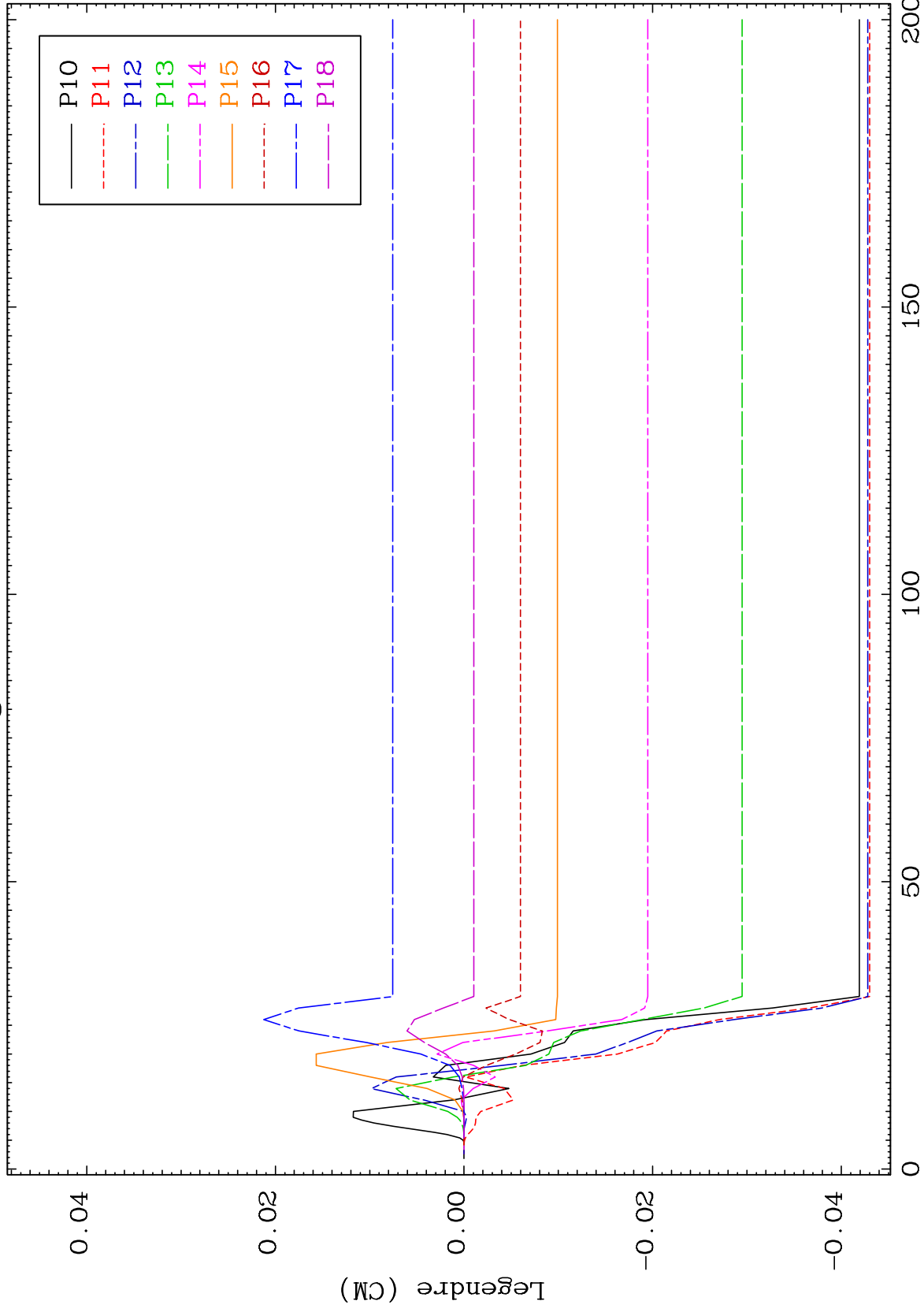




MAT 6255

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

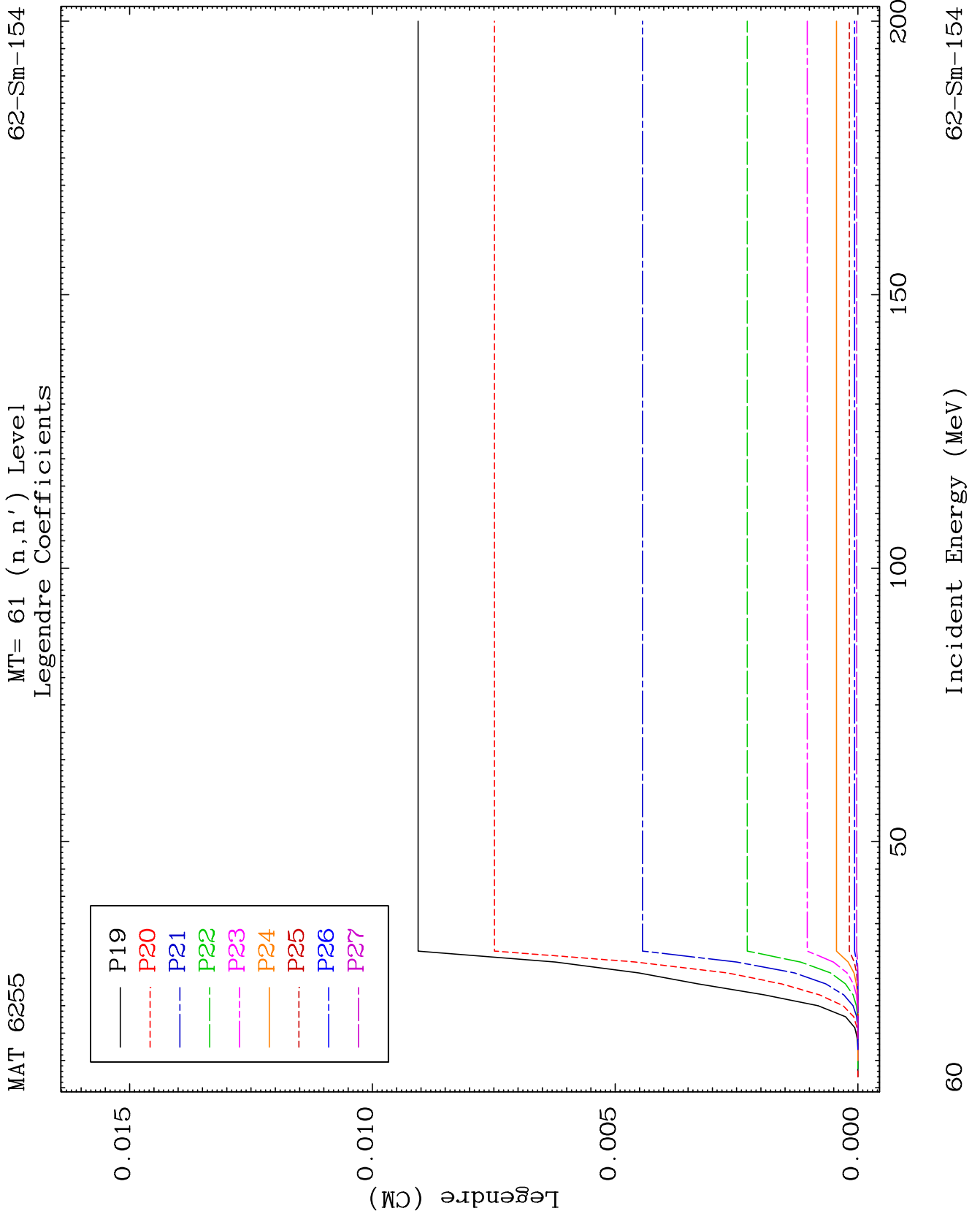
62-Sm-154



59

Incident Energy (MeV)

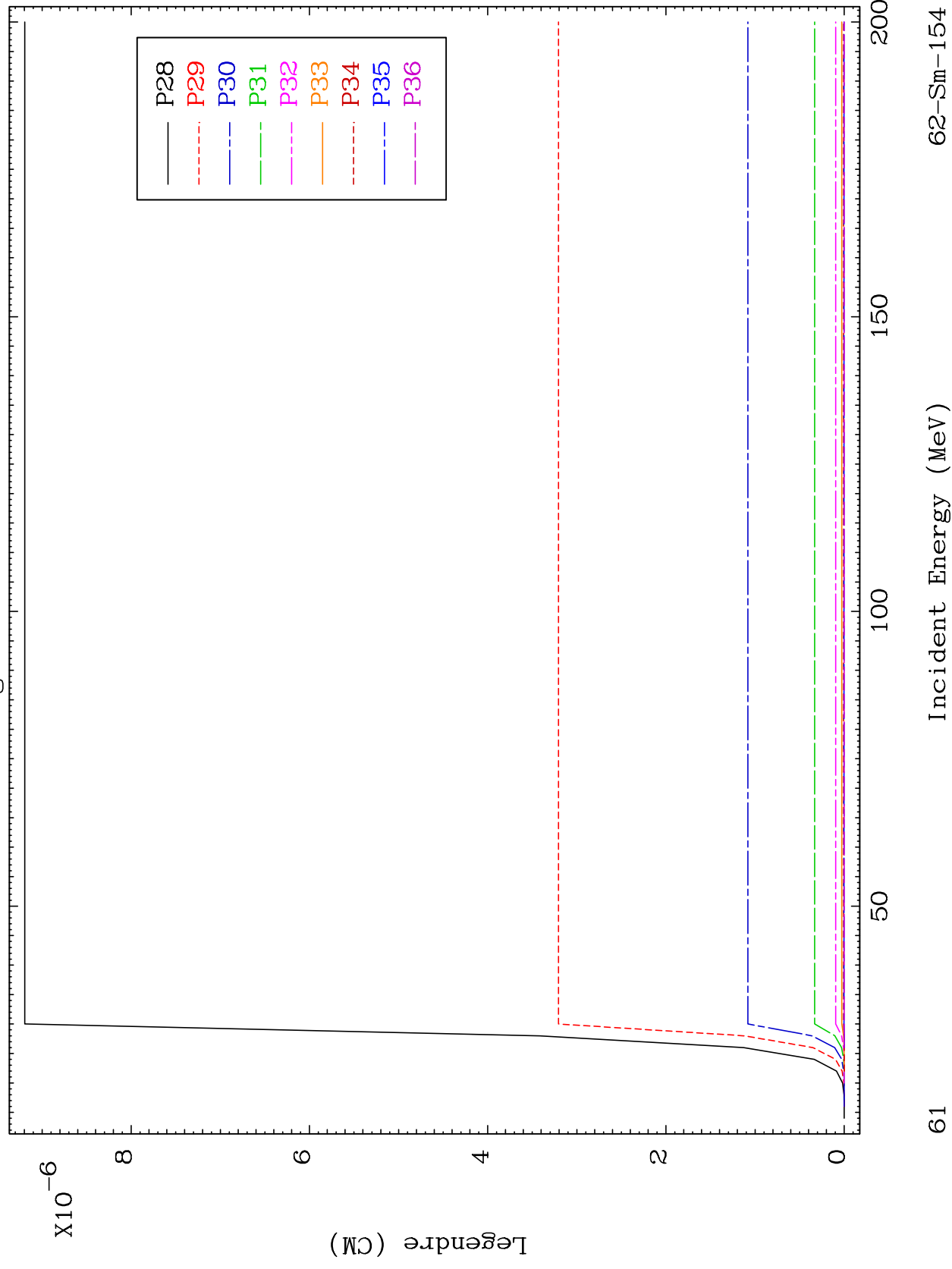
62-Sm-154



MAT 6255

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

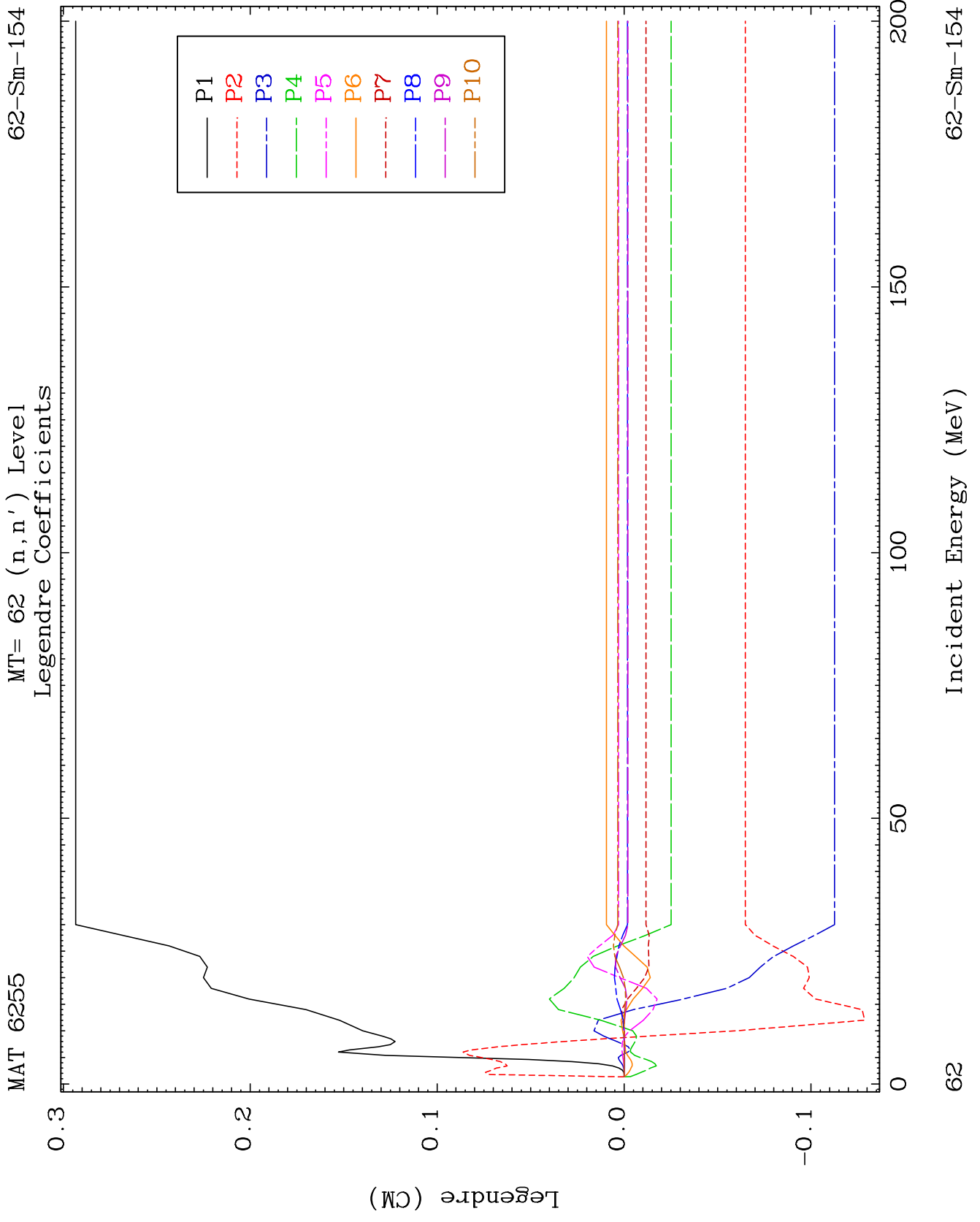
62-Sm-154



61

Incident Energy (MeV)

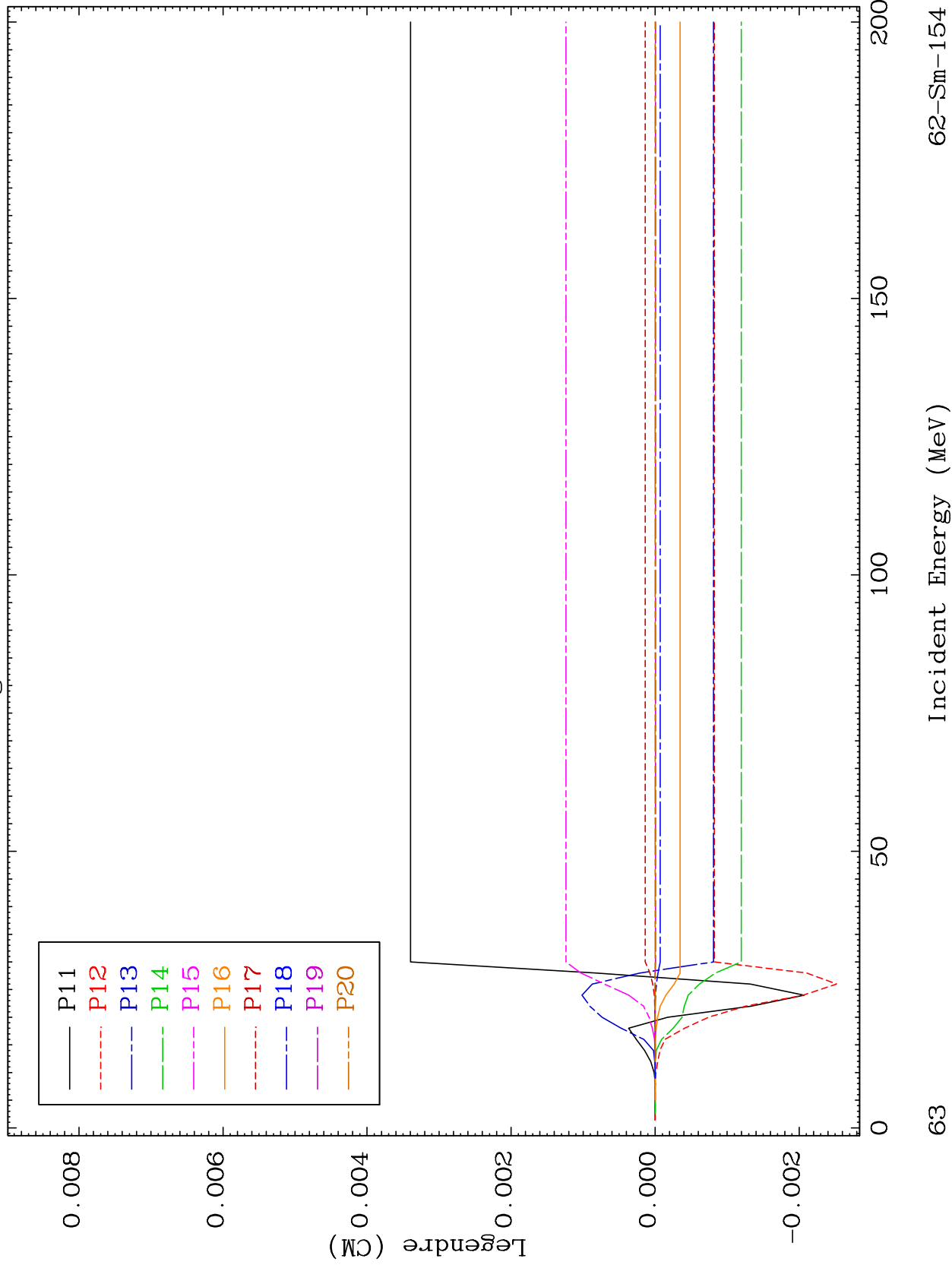
62-Sm-154



MAT 6255

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

62-Sm-154



63

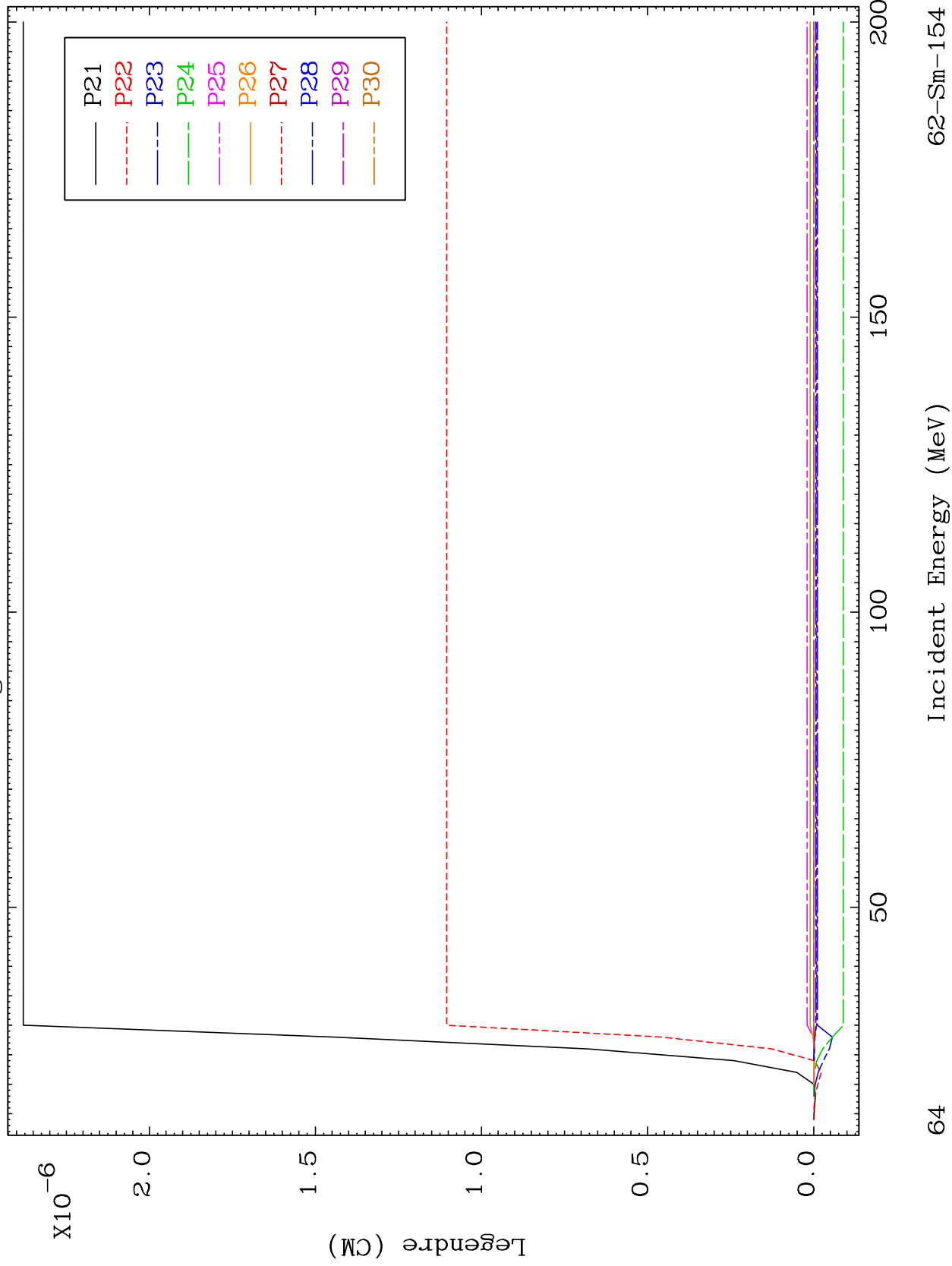
Incident Energy (MeV)

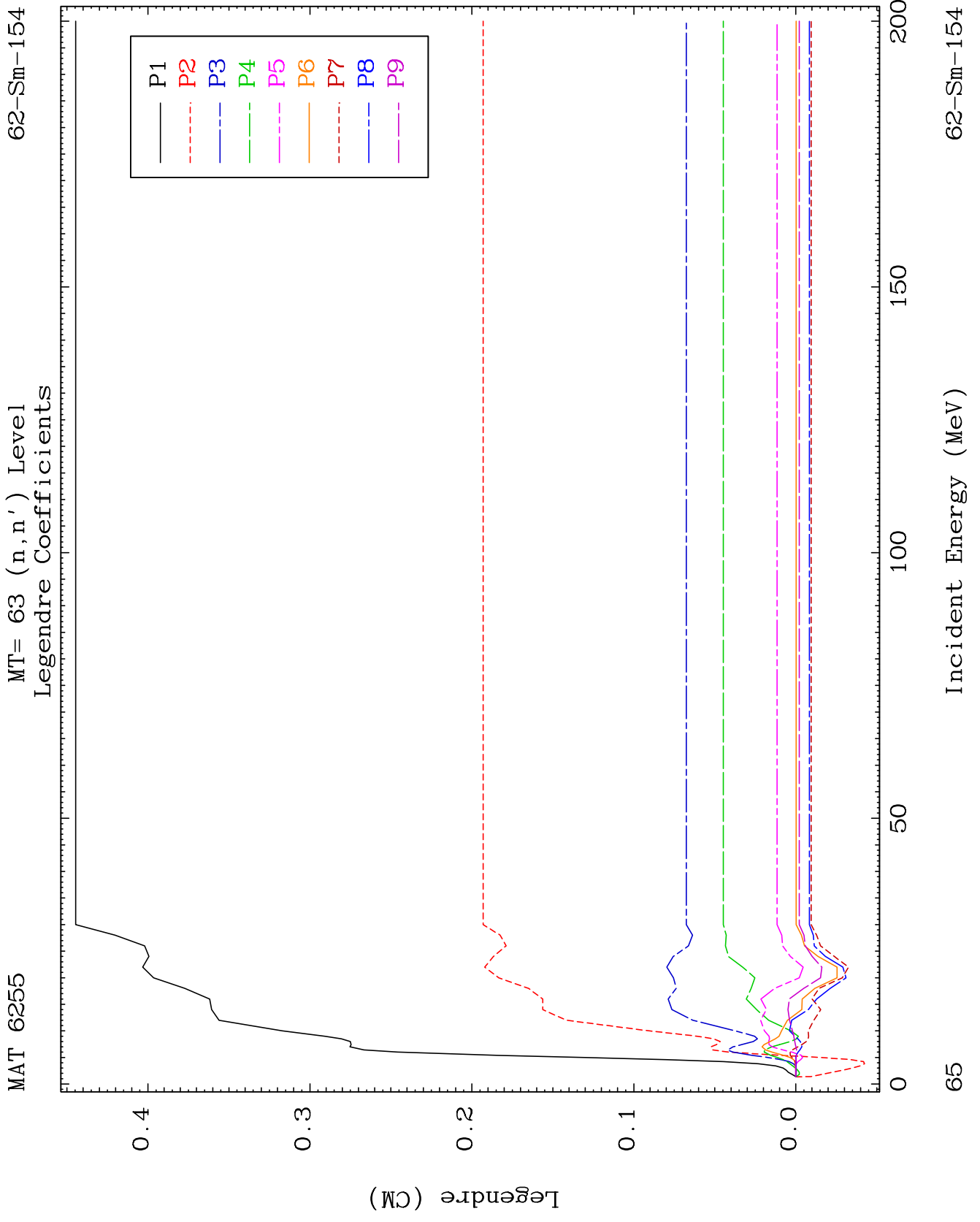
62-Sm-154

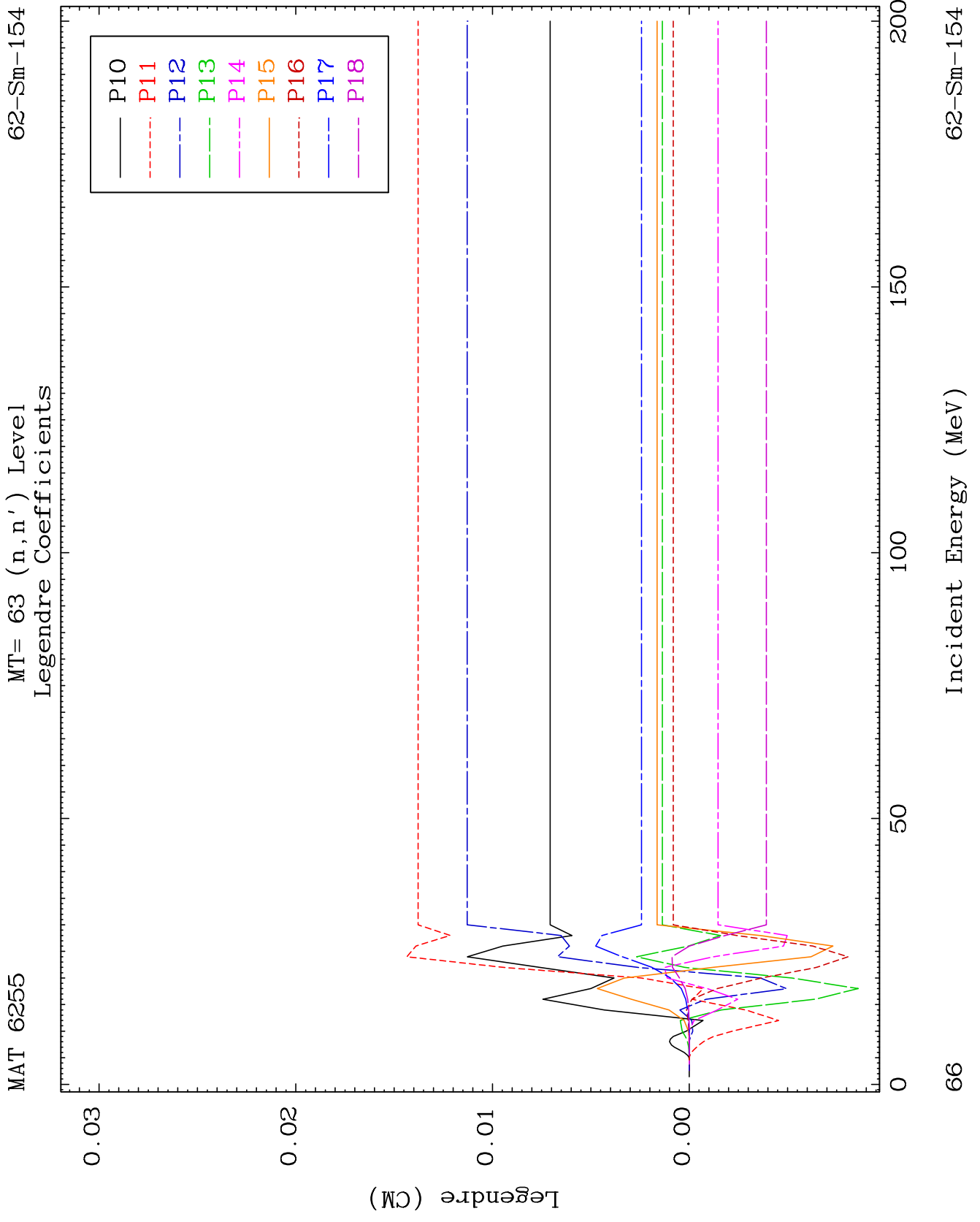
MAT 6255

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

62-Sm-154



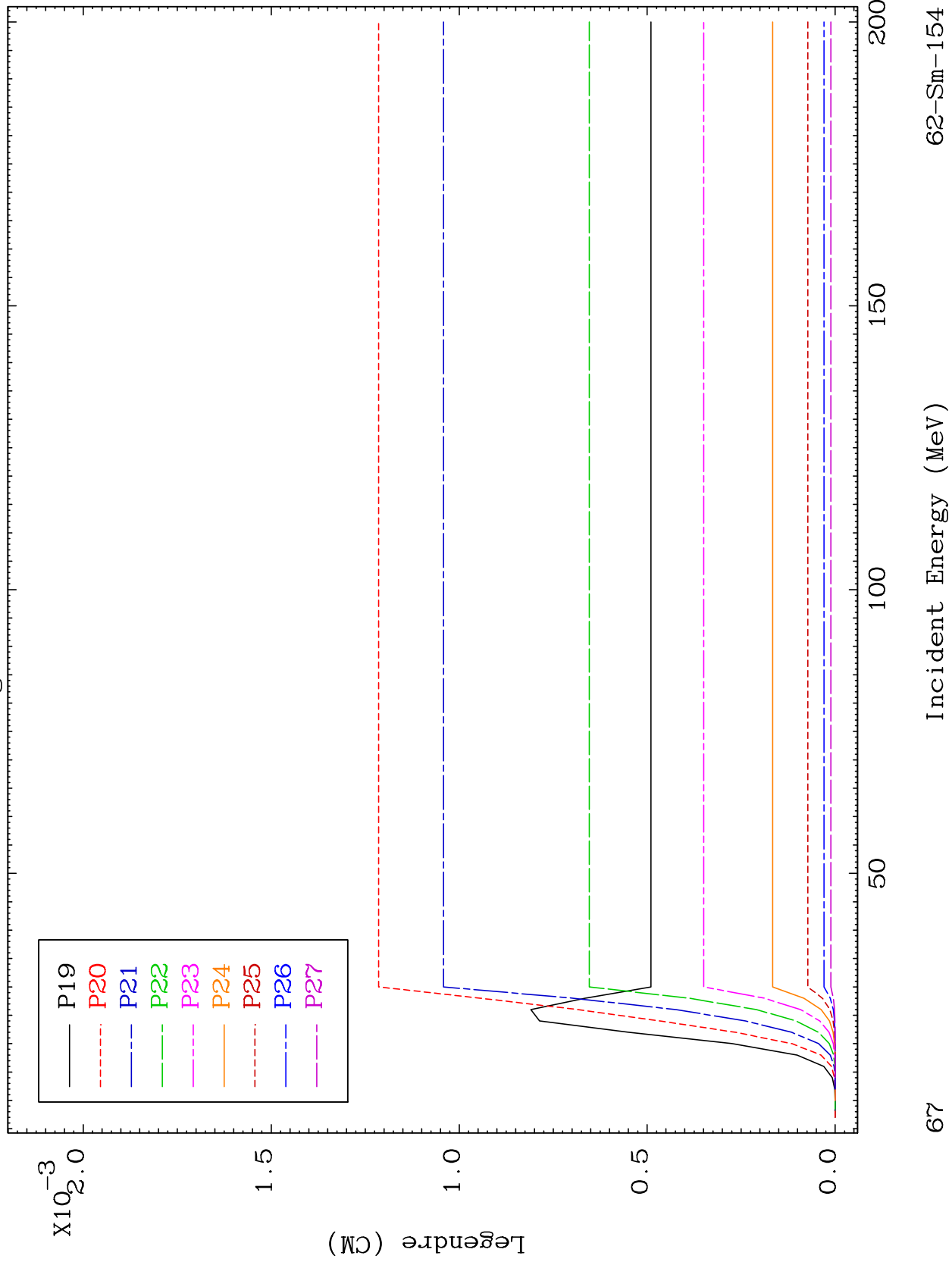




MAT 6255

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

62-Sm-154



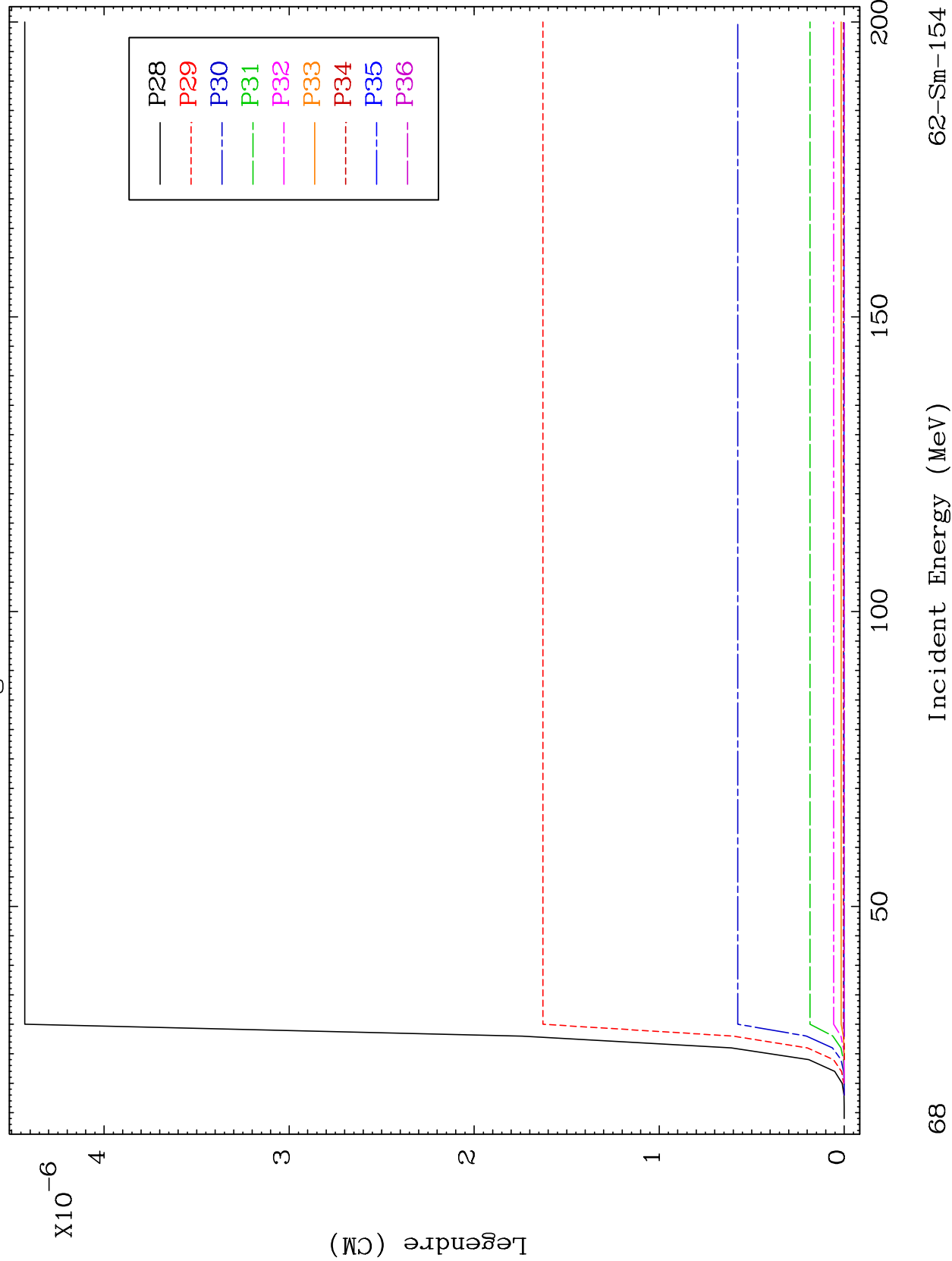
67

62-Sm-154

MAT 6255

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

62-Sm-154

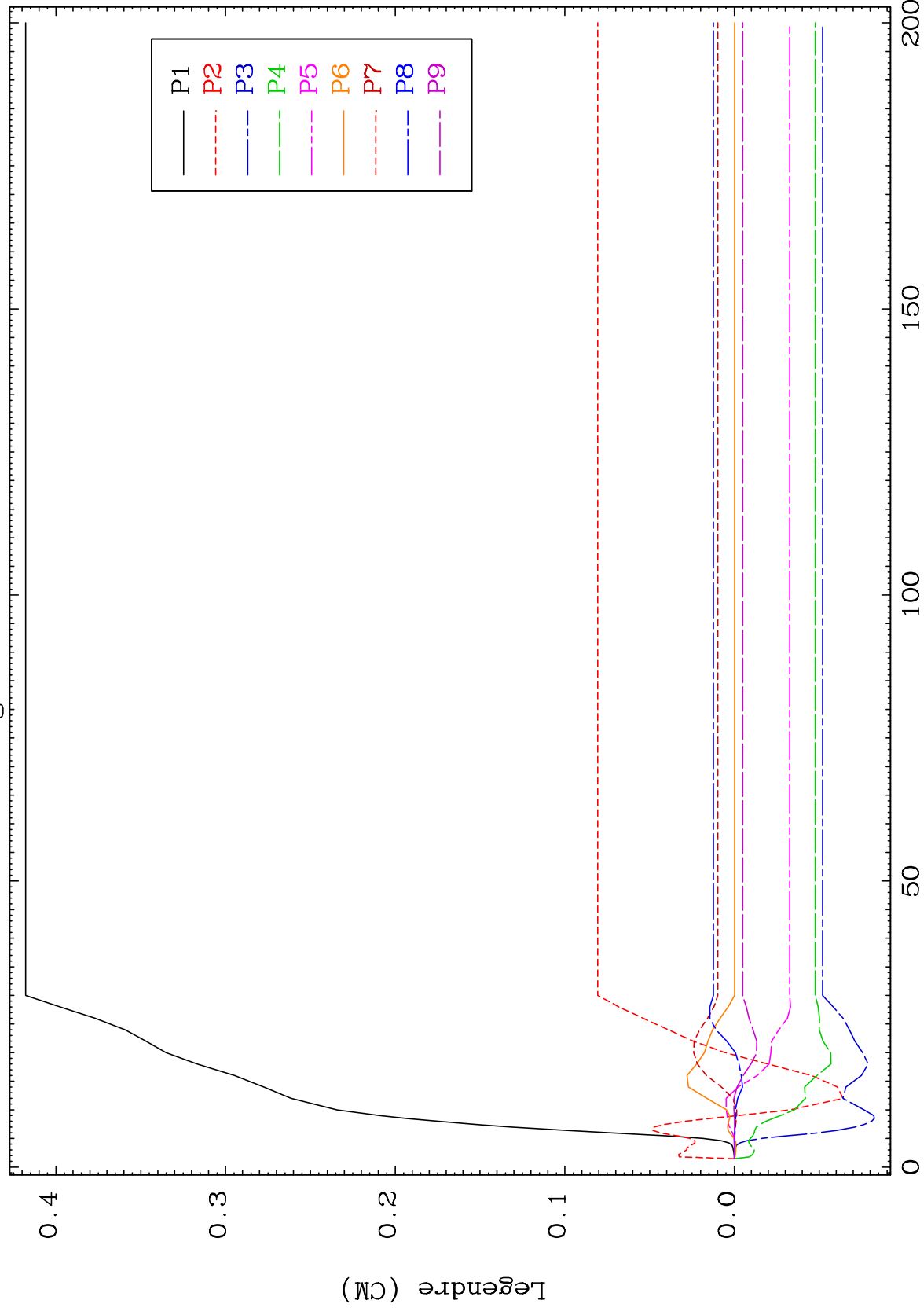


68

MAT 6255

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

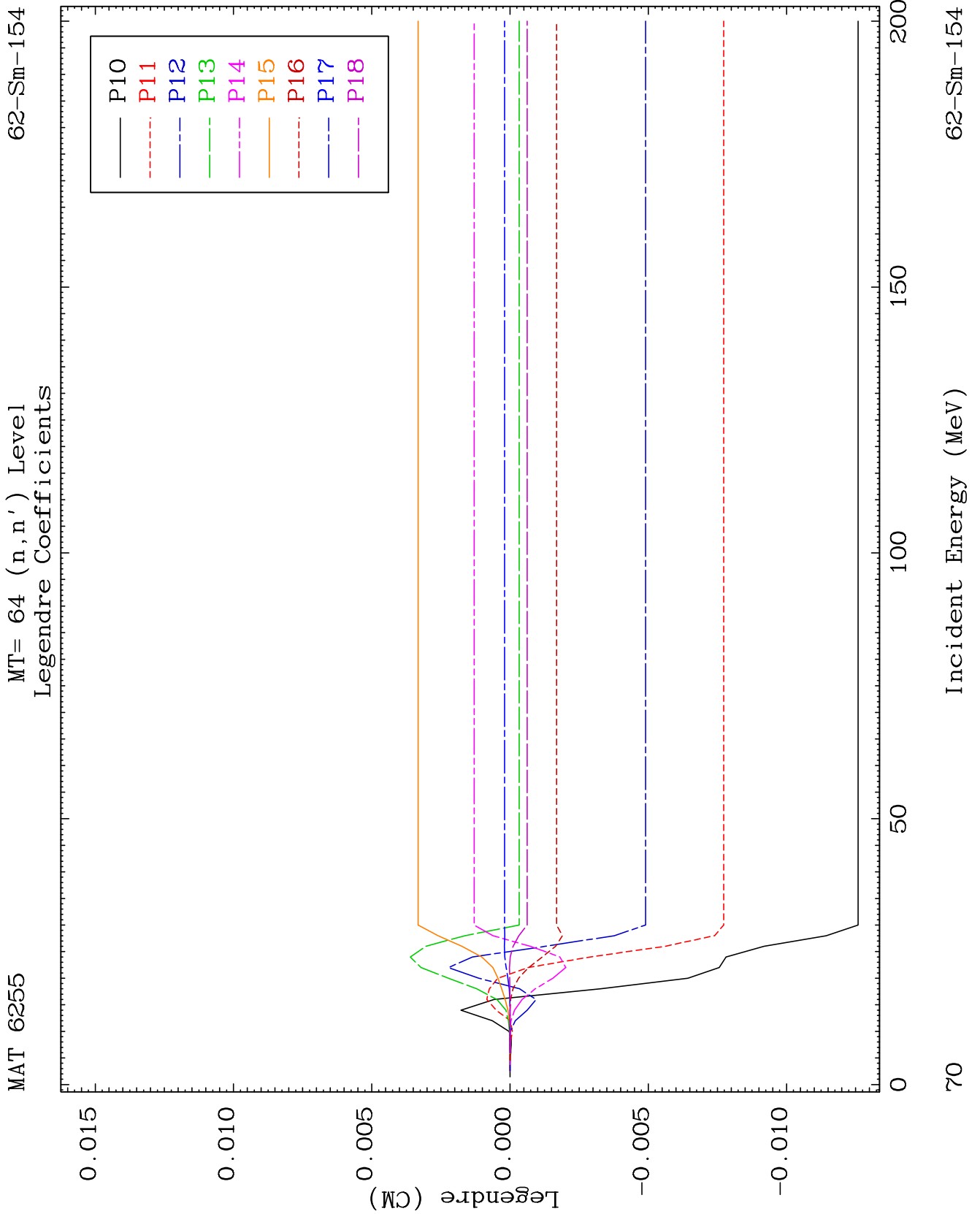
62-Sm-154

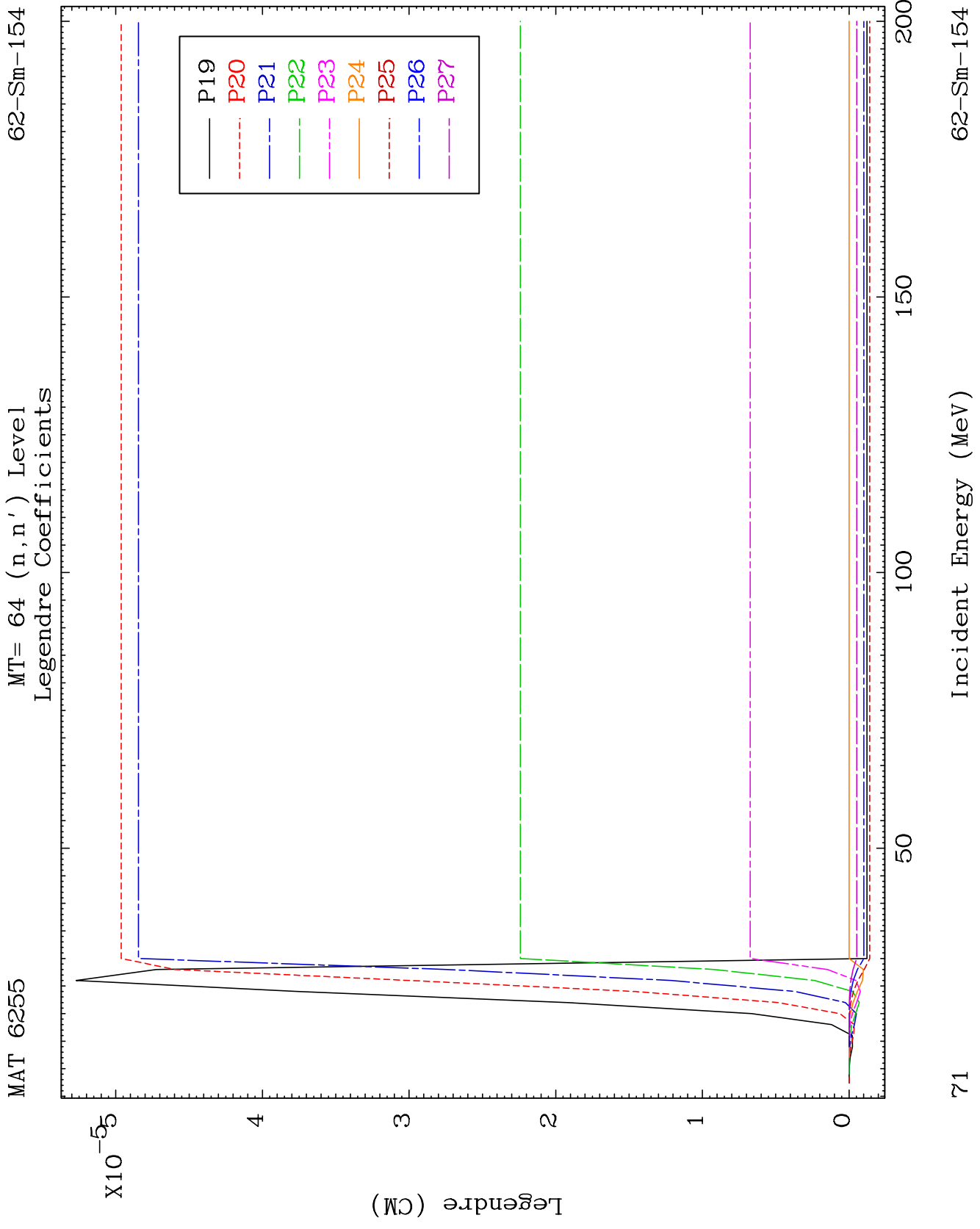


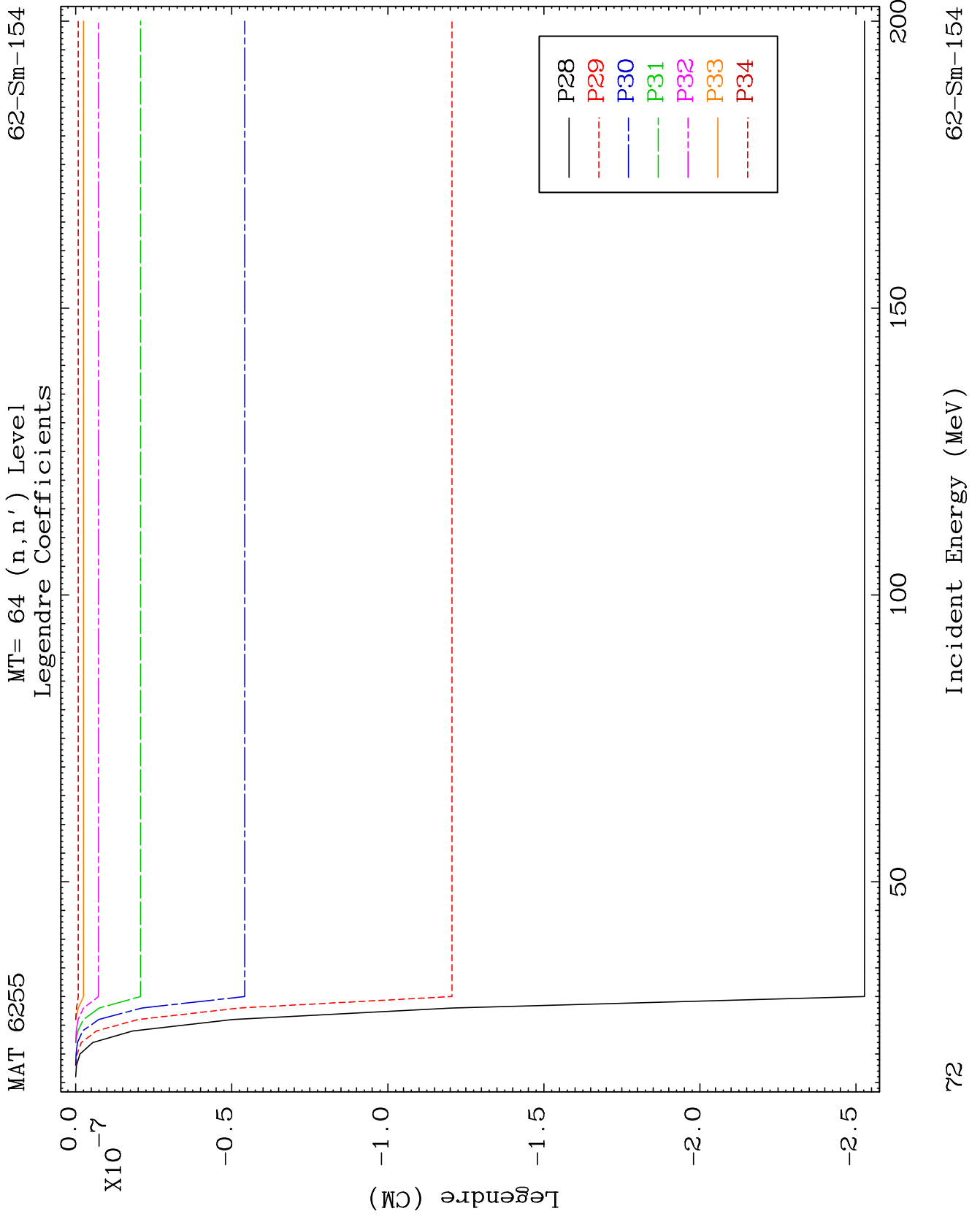
69

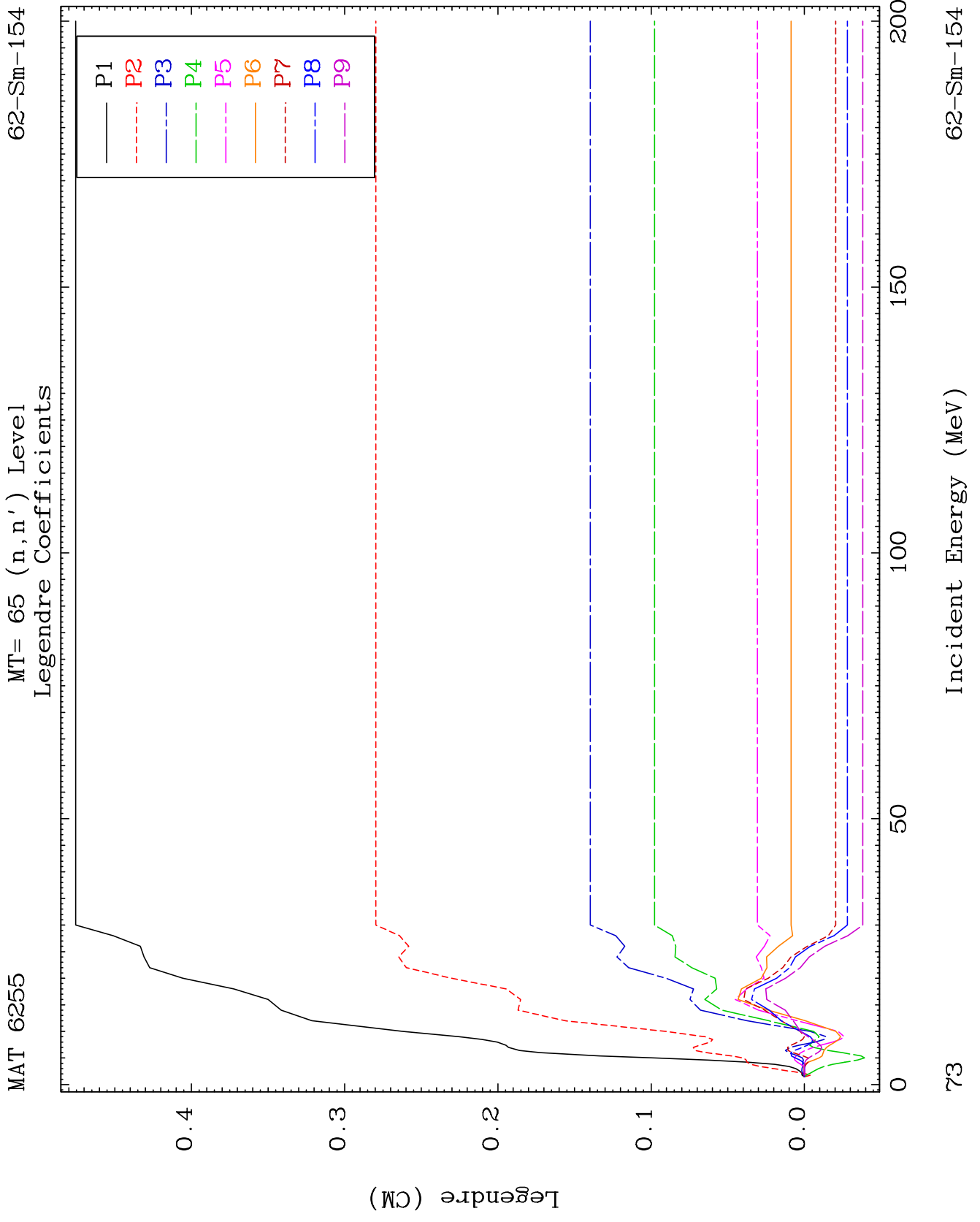
Incident Energy (MeV)

62-Sm-154





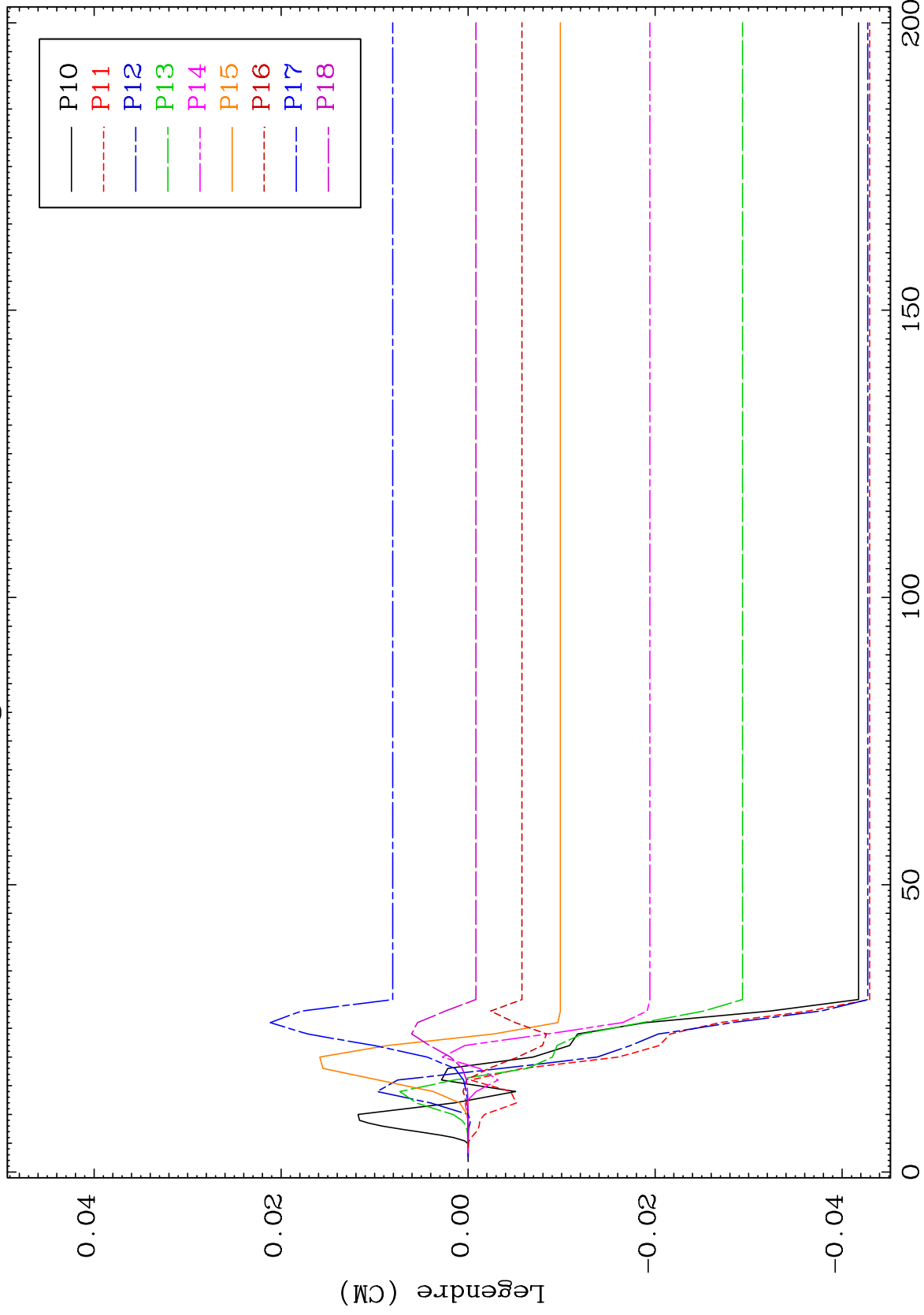




MAT 6255

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

62-Sm-154

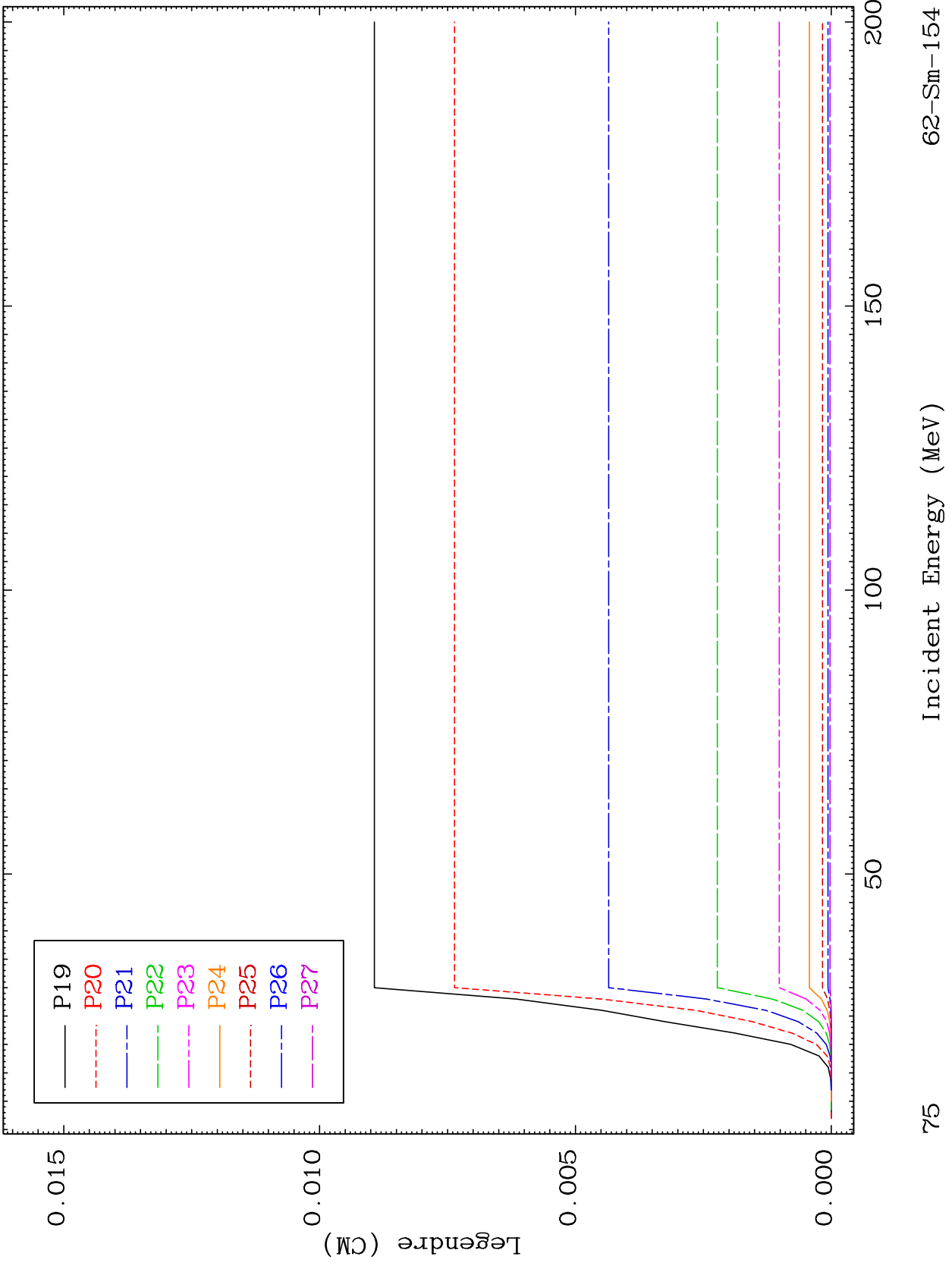


74

Incident Energy (MeV)

62-Sm-154

MAT 6255 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-154

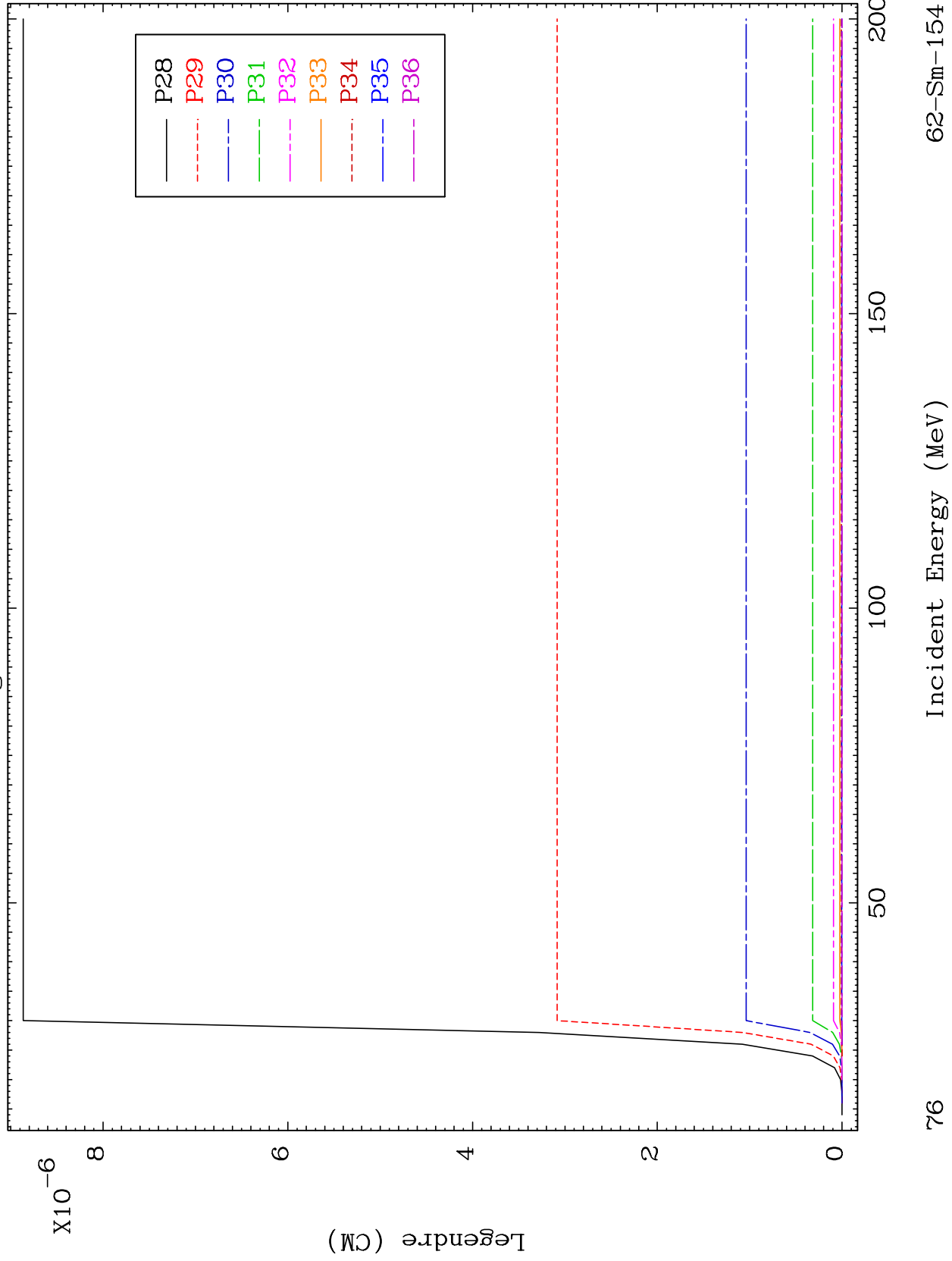


75 Incident Energy (MeV) 62-Sm-154

MAT 6255

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

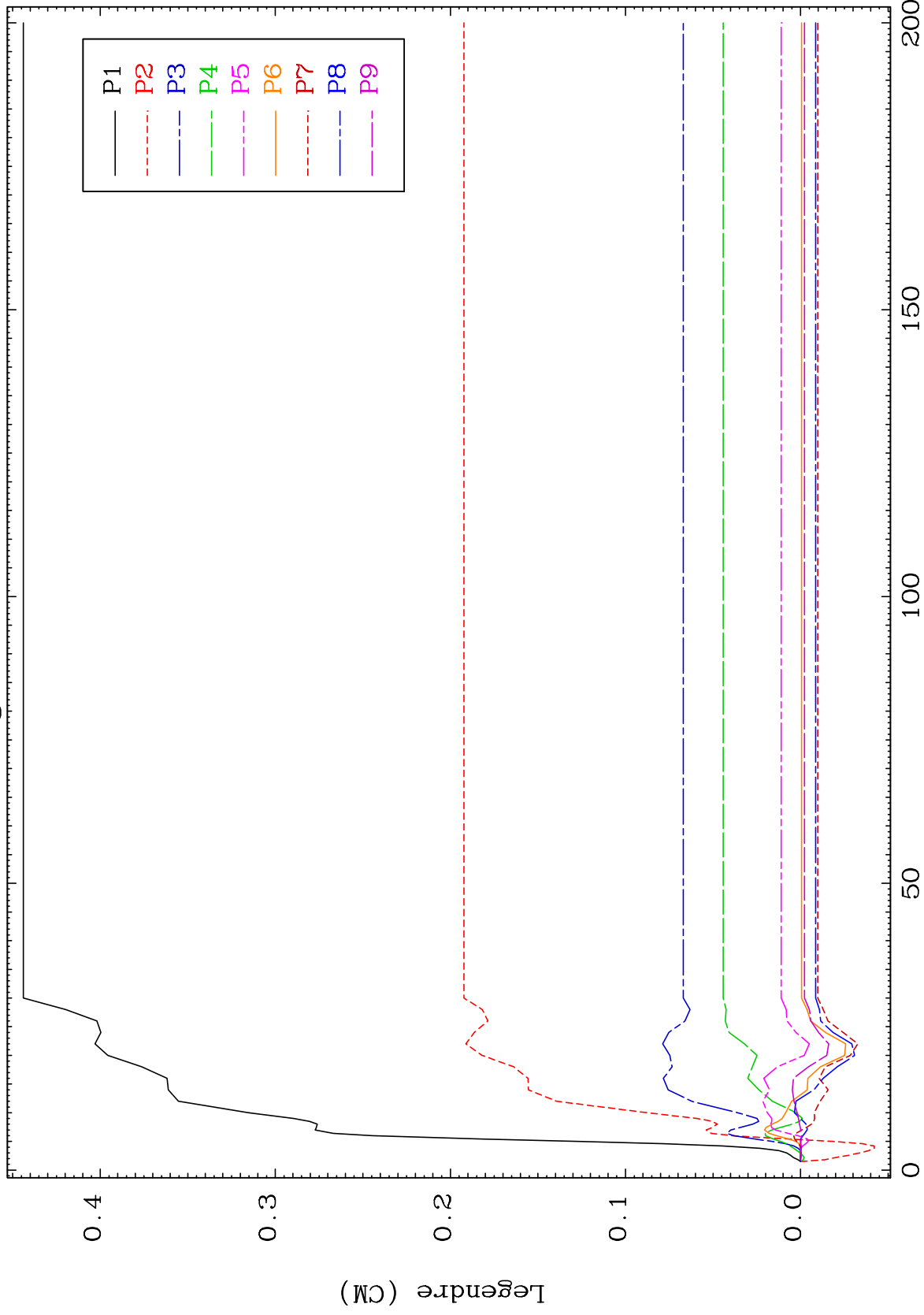
62-Sm-154



MAT 6255

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

62-Sm-154



77

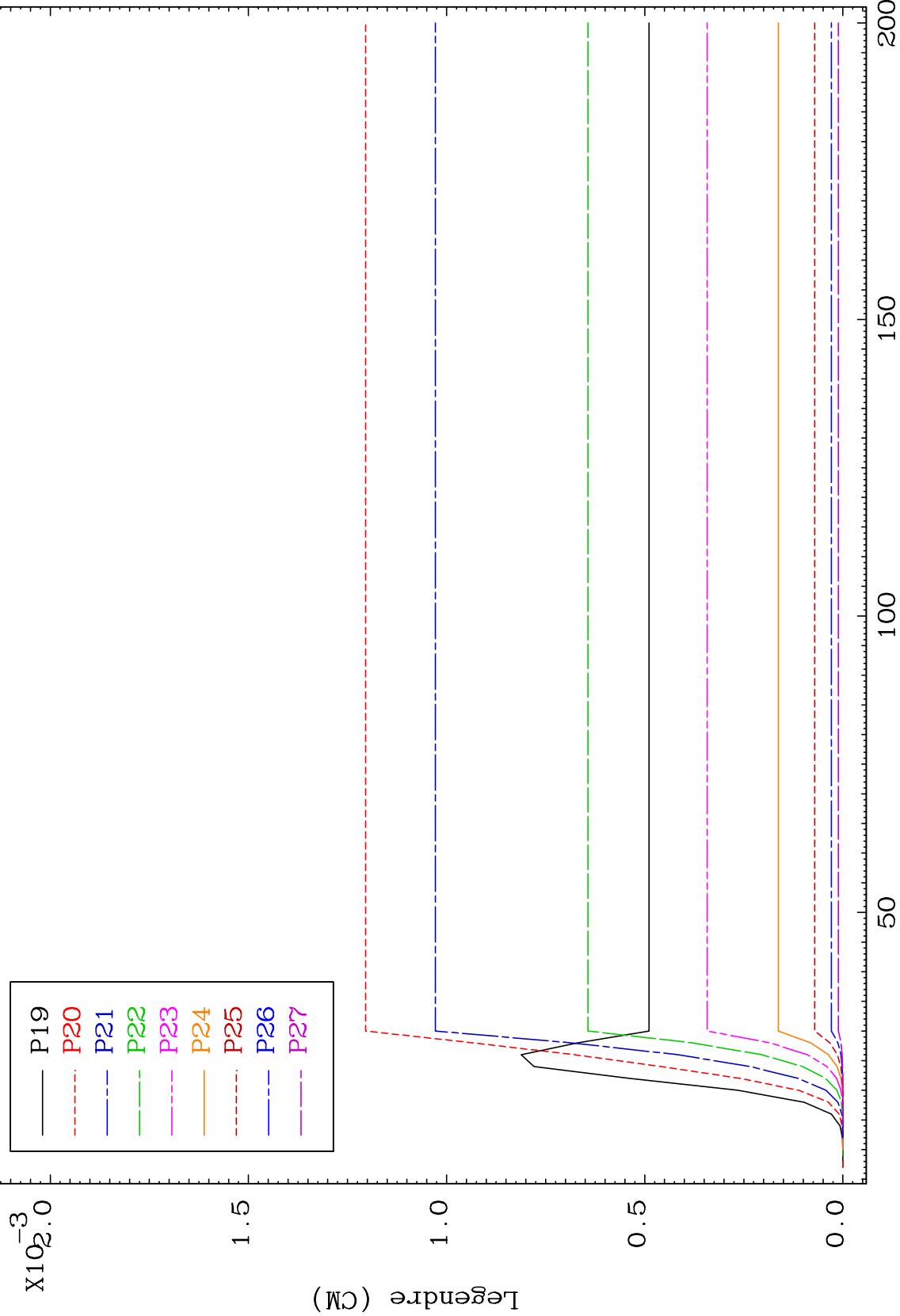
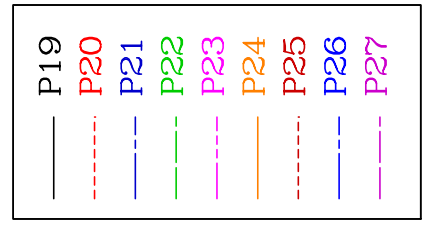
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

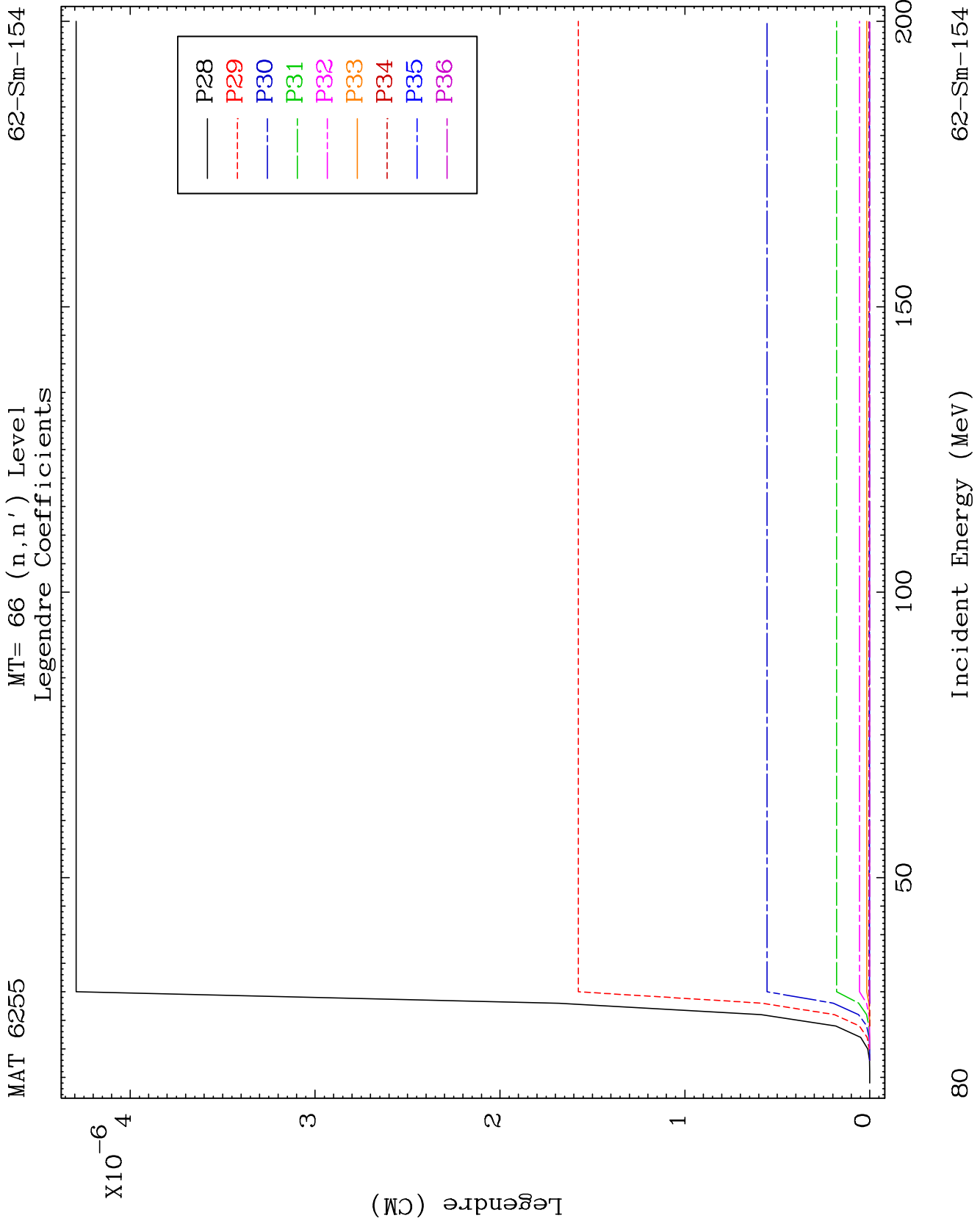
62-Sm-154



79

Incident Energy (MeV)

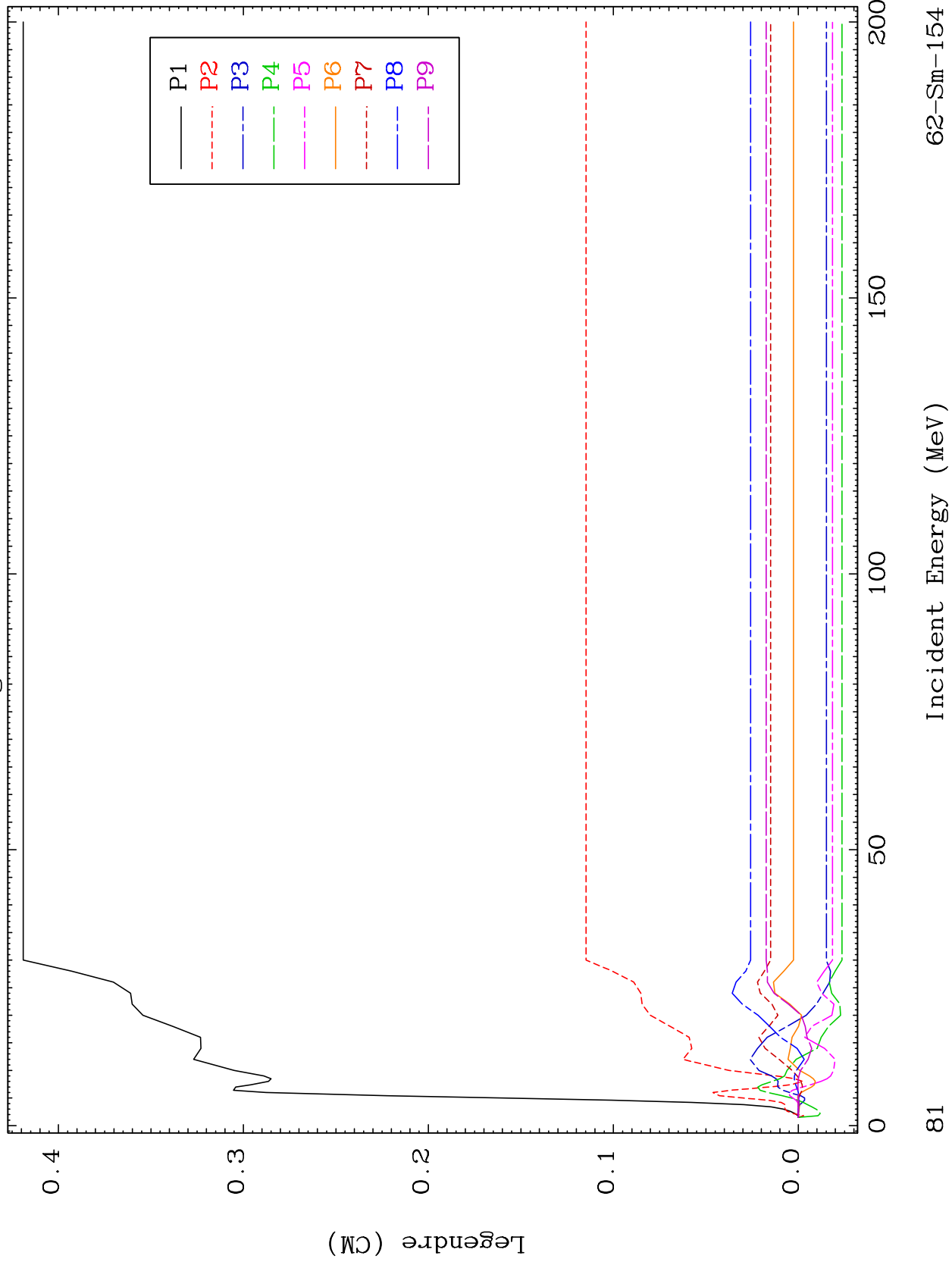
62-Sm-154



MAT 6255

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

62-Sm-154



81

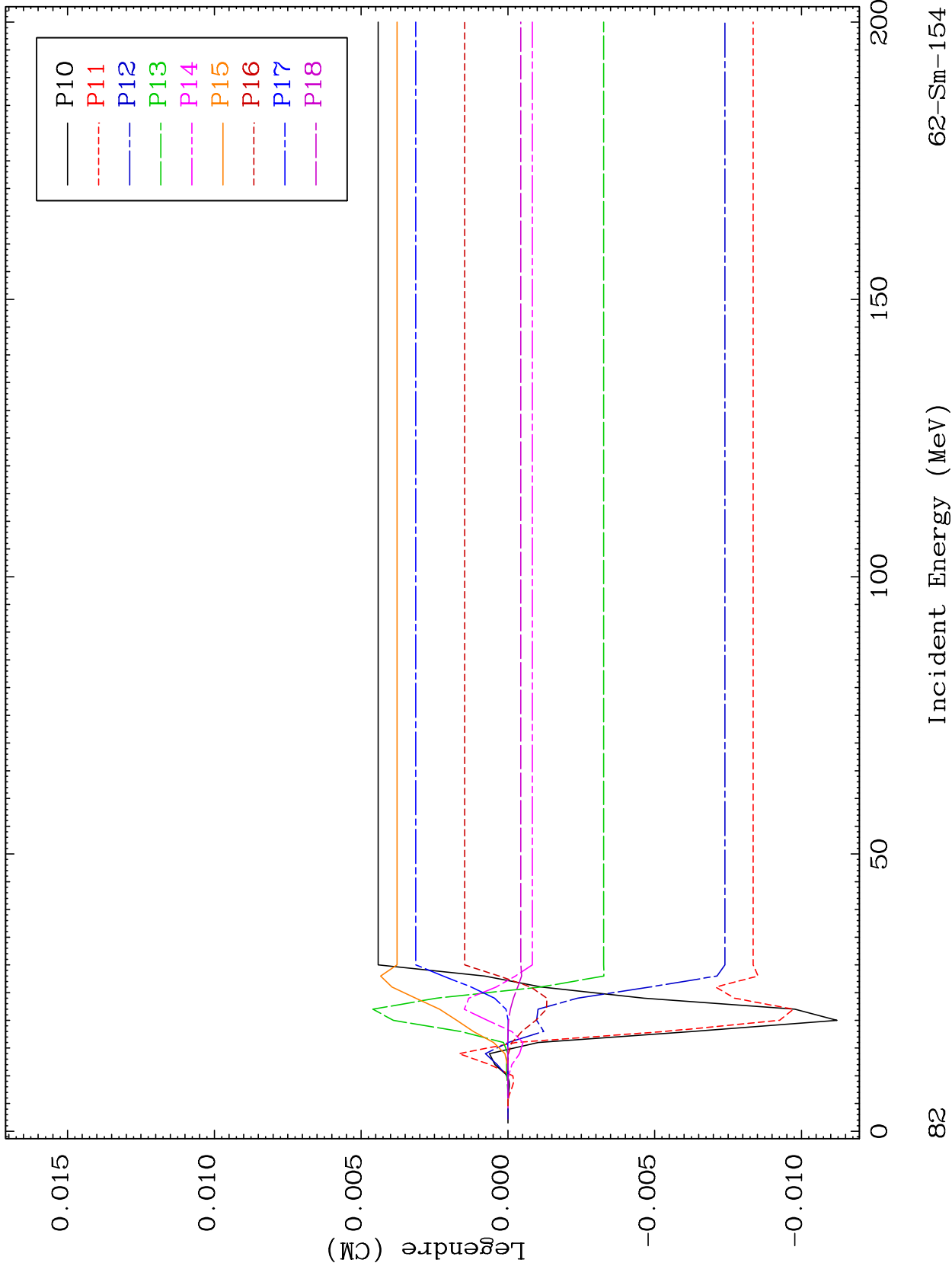
Incident Energy (MeV)

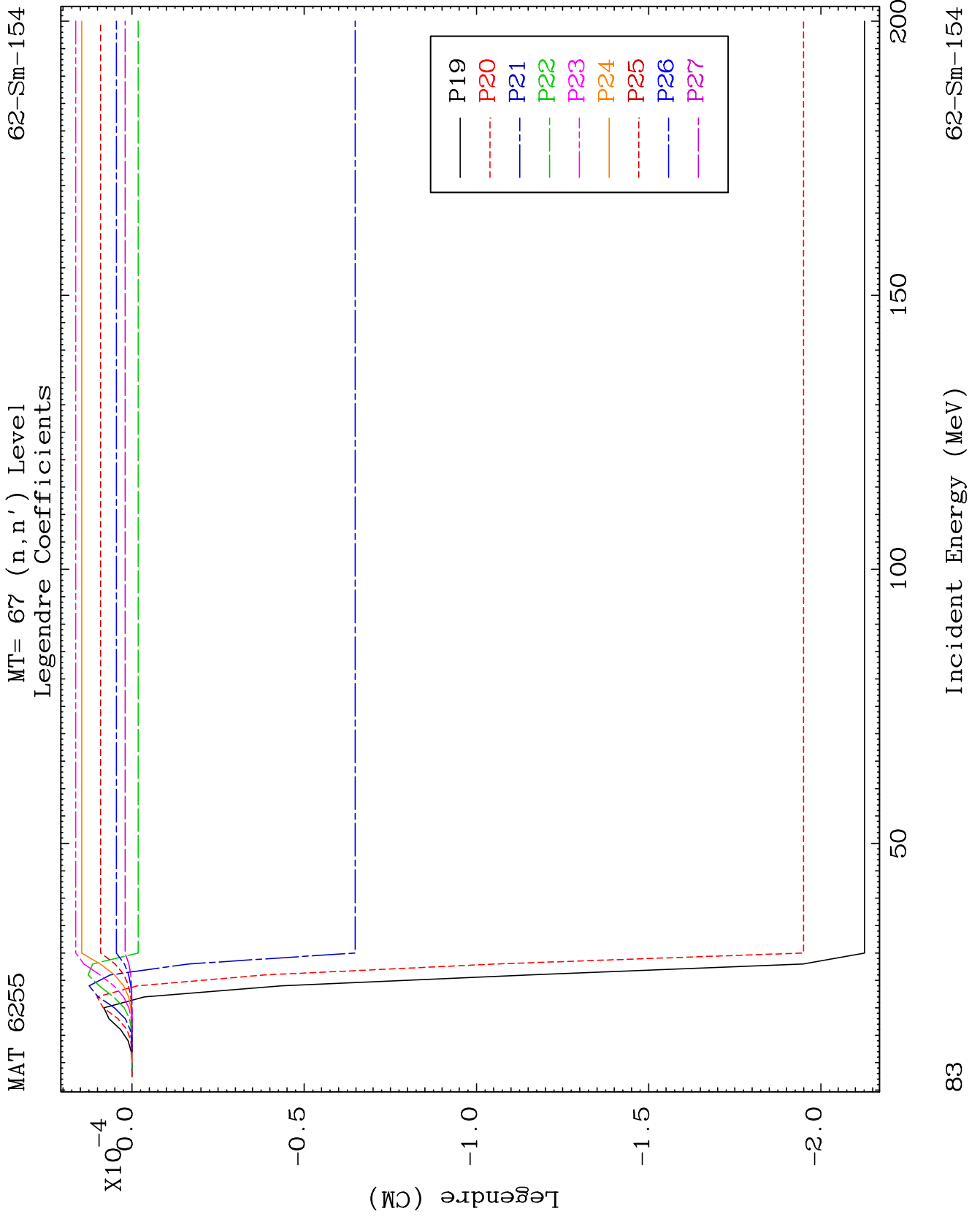
62-Sm-154

MAT 6255

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

62-Sm-154

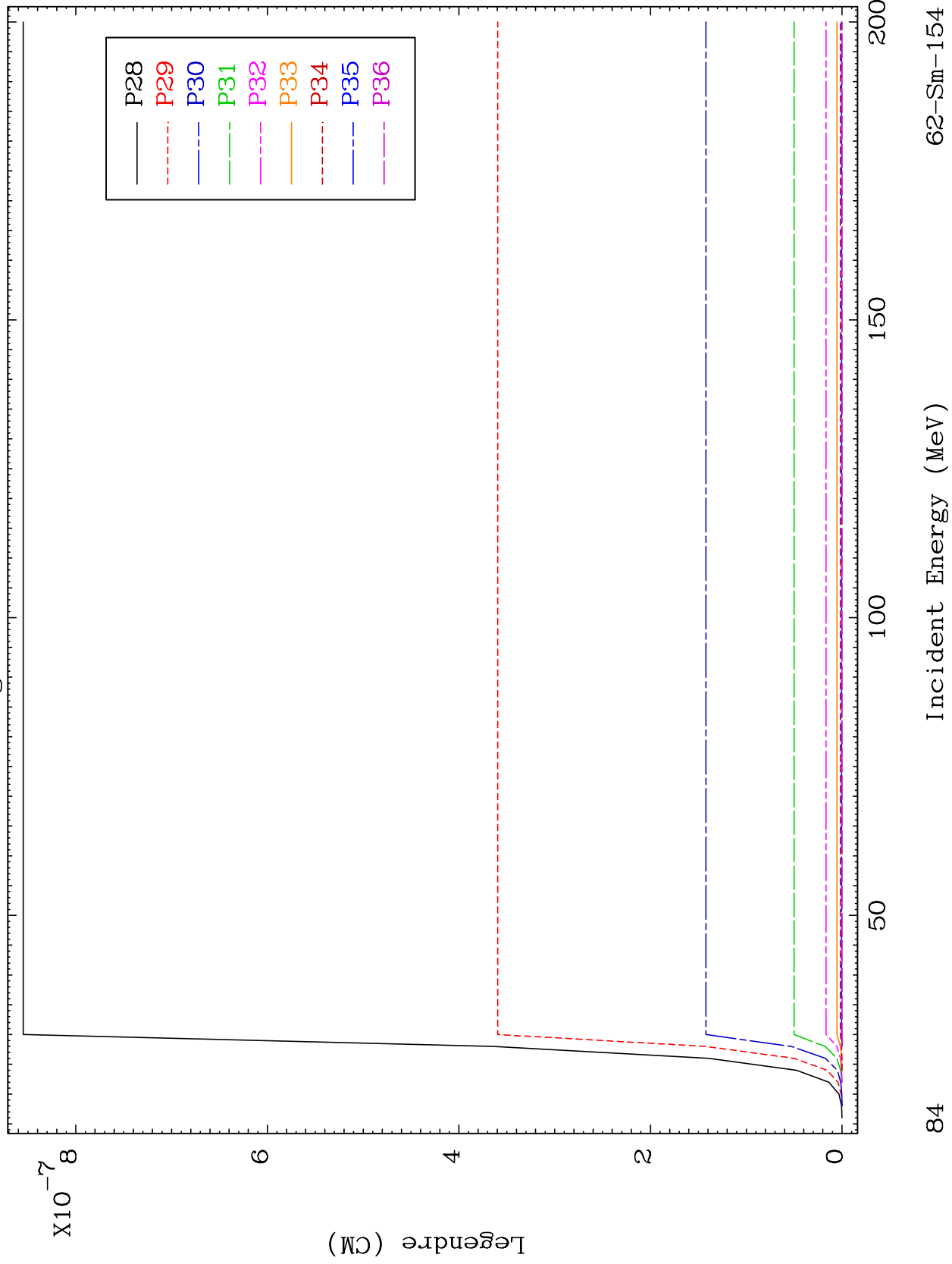




MAT 6255

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

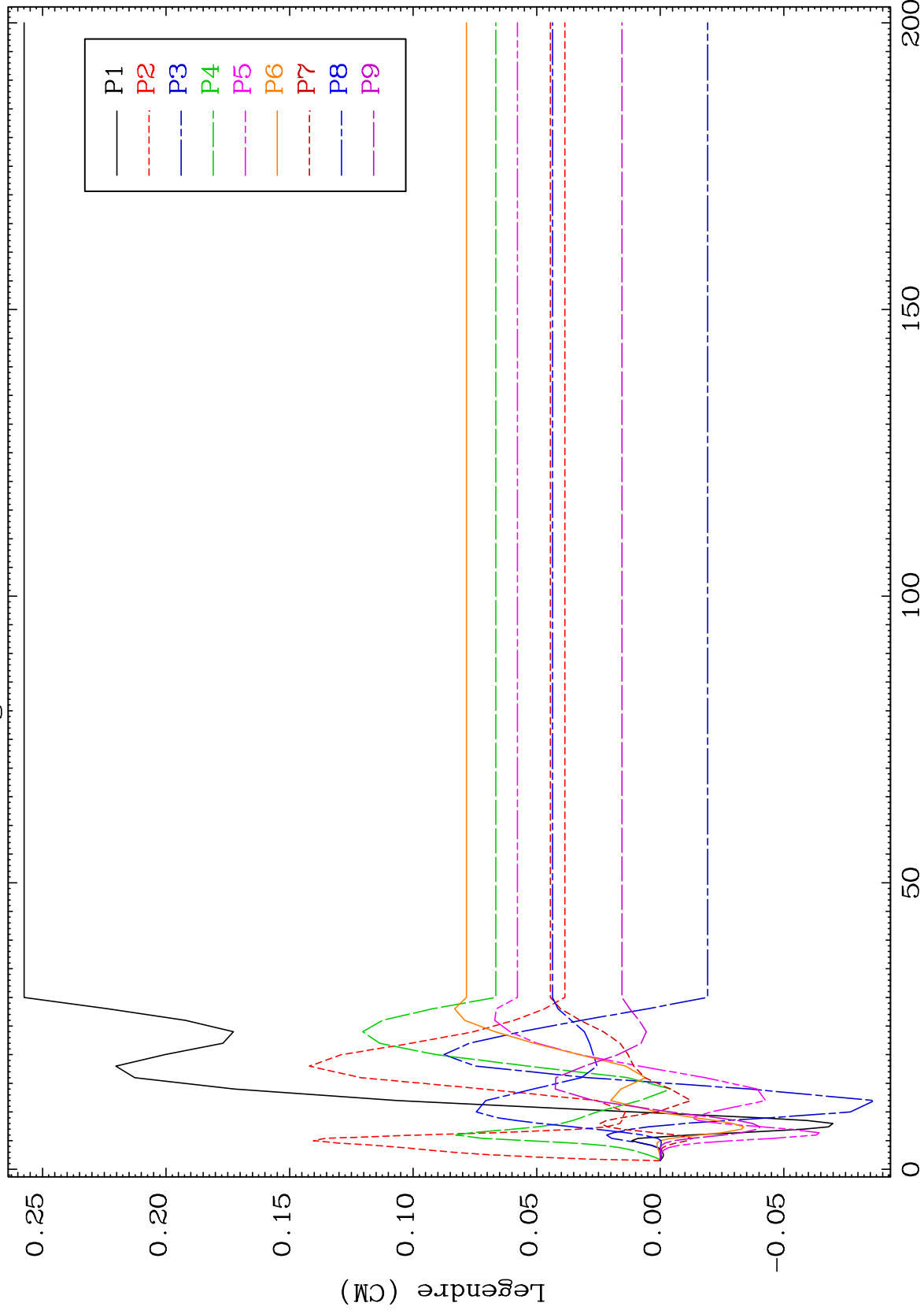
62-Sm-154



MAT 62555

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

62-Sm-154



85

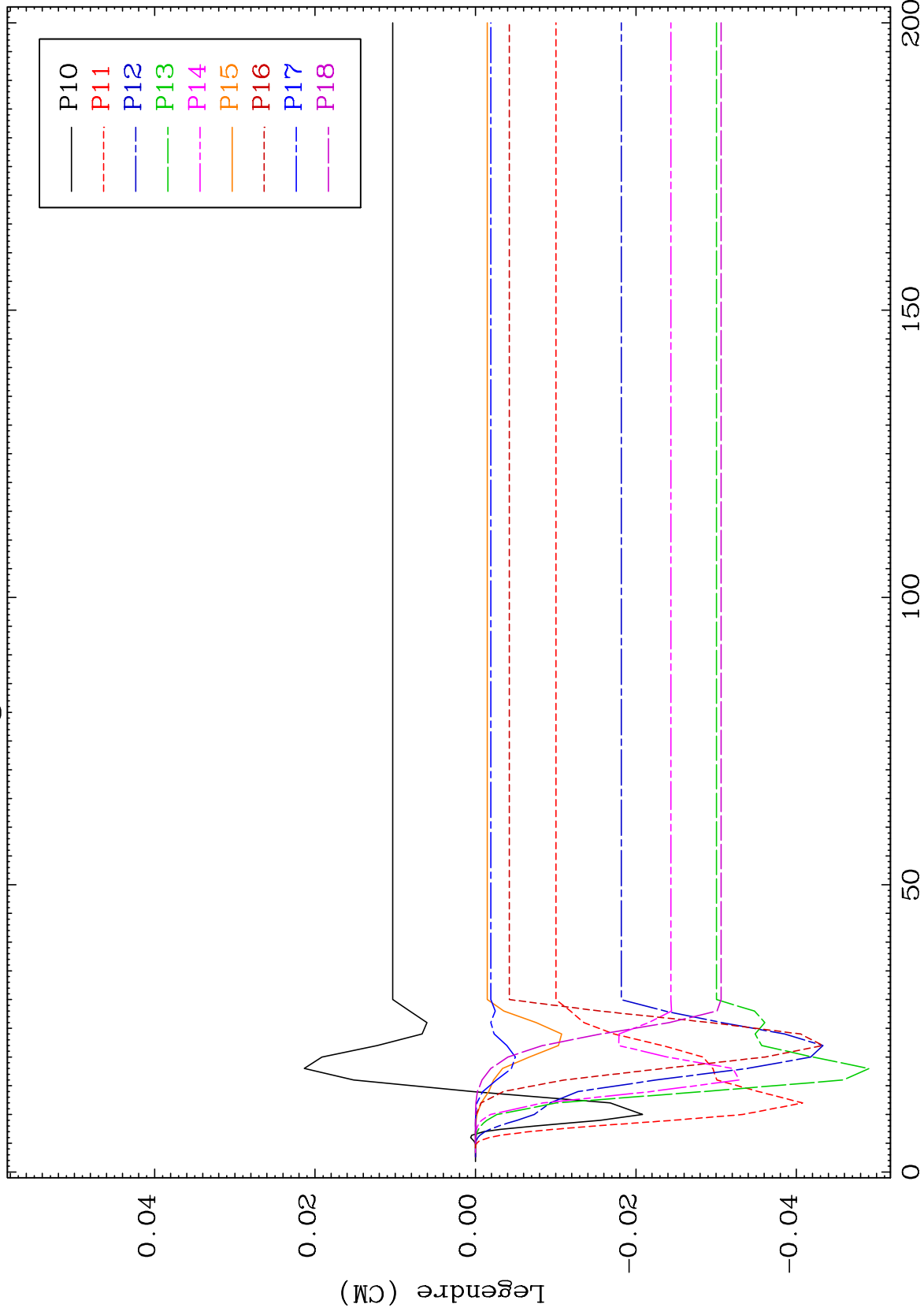
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



86

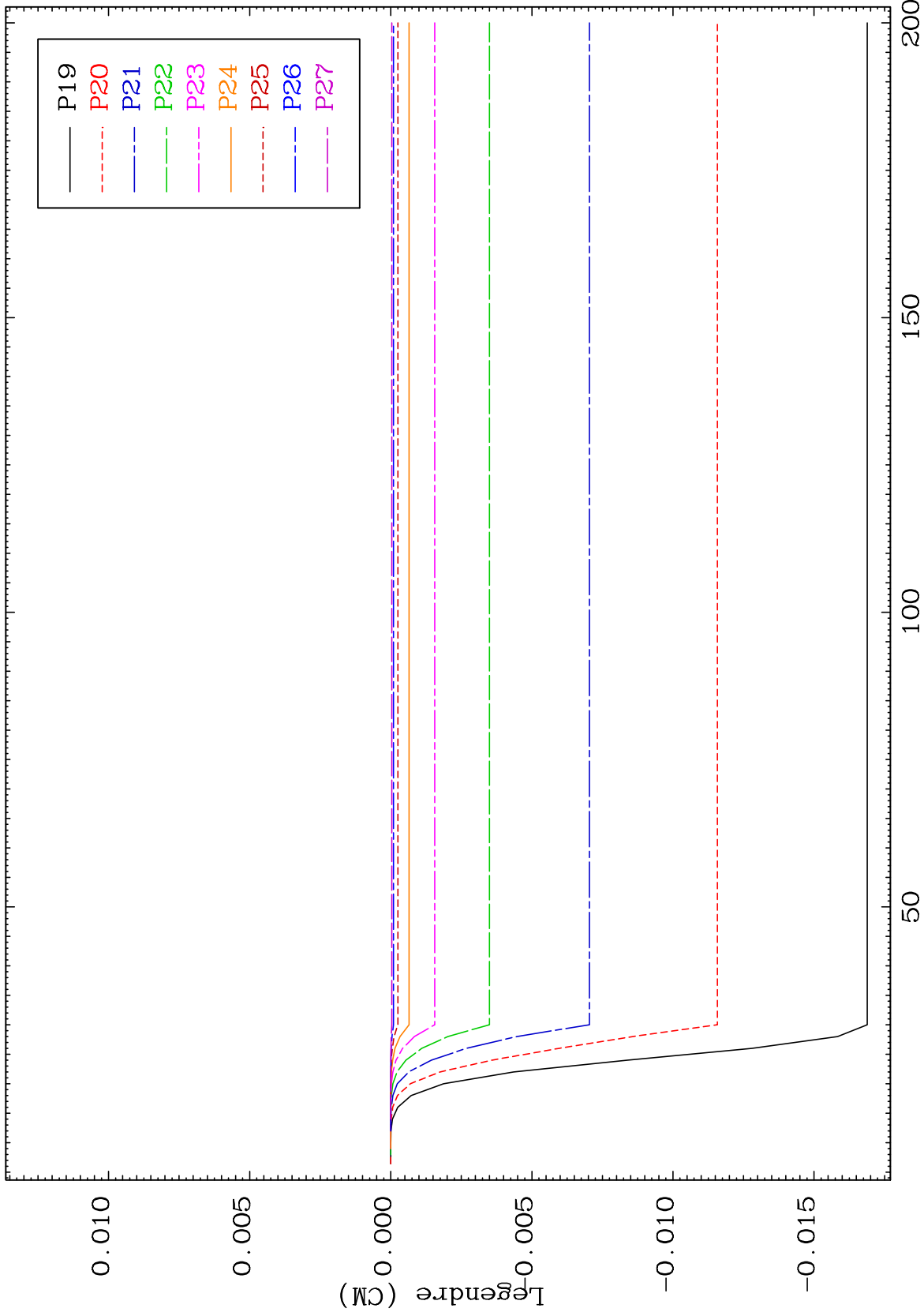
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

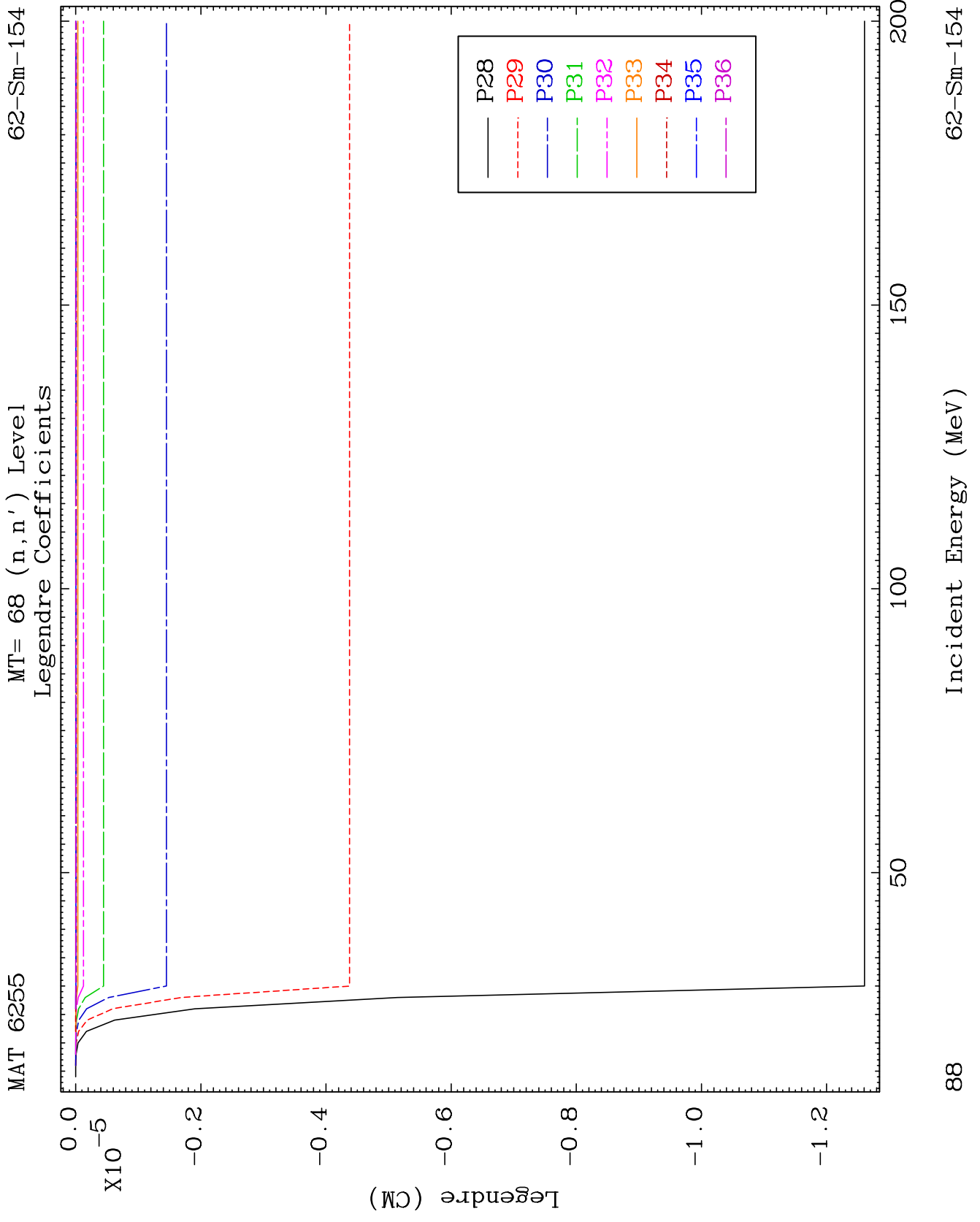
62-Sm-154

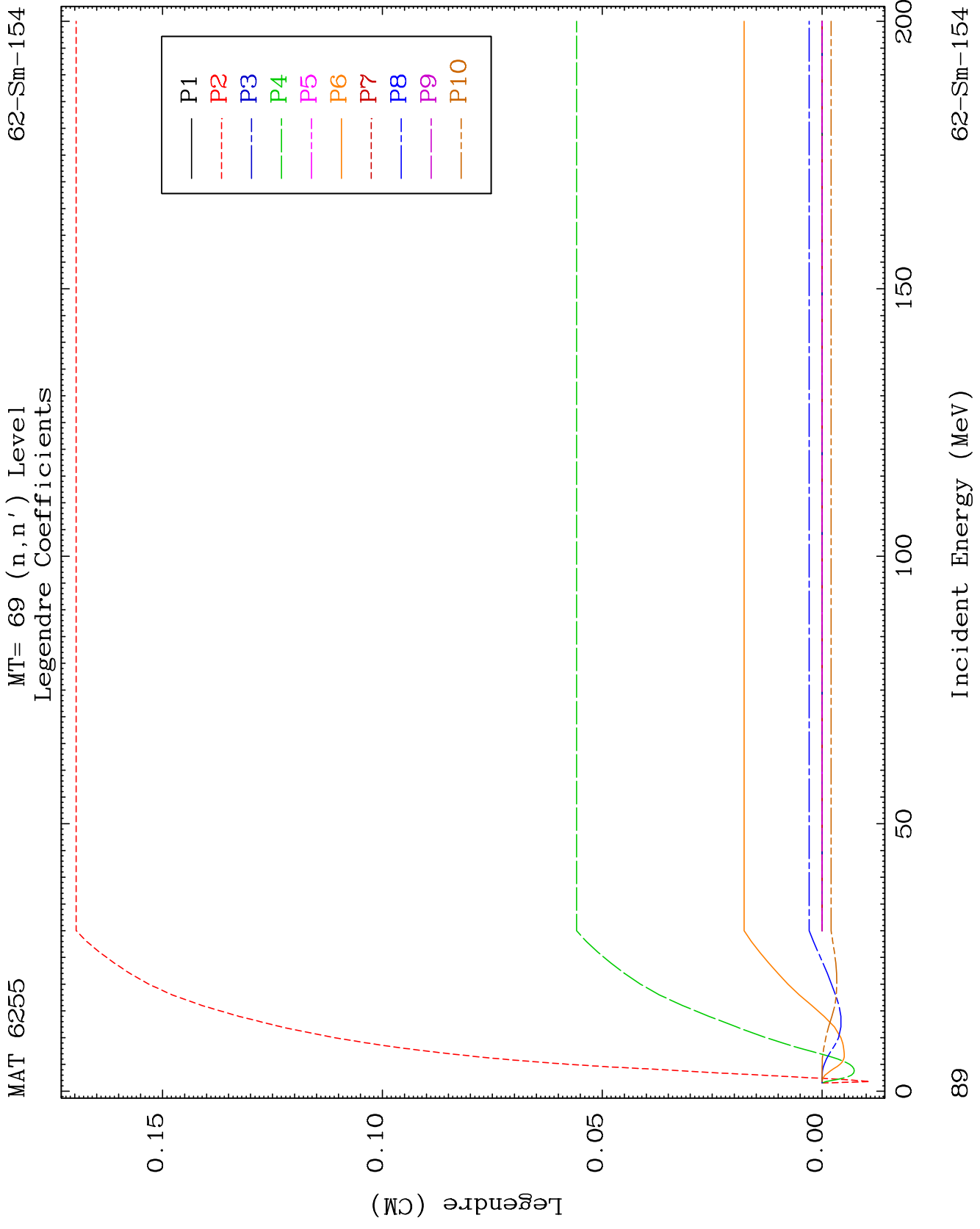


87

Incident Energy (MeV)

62-Sm-154

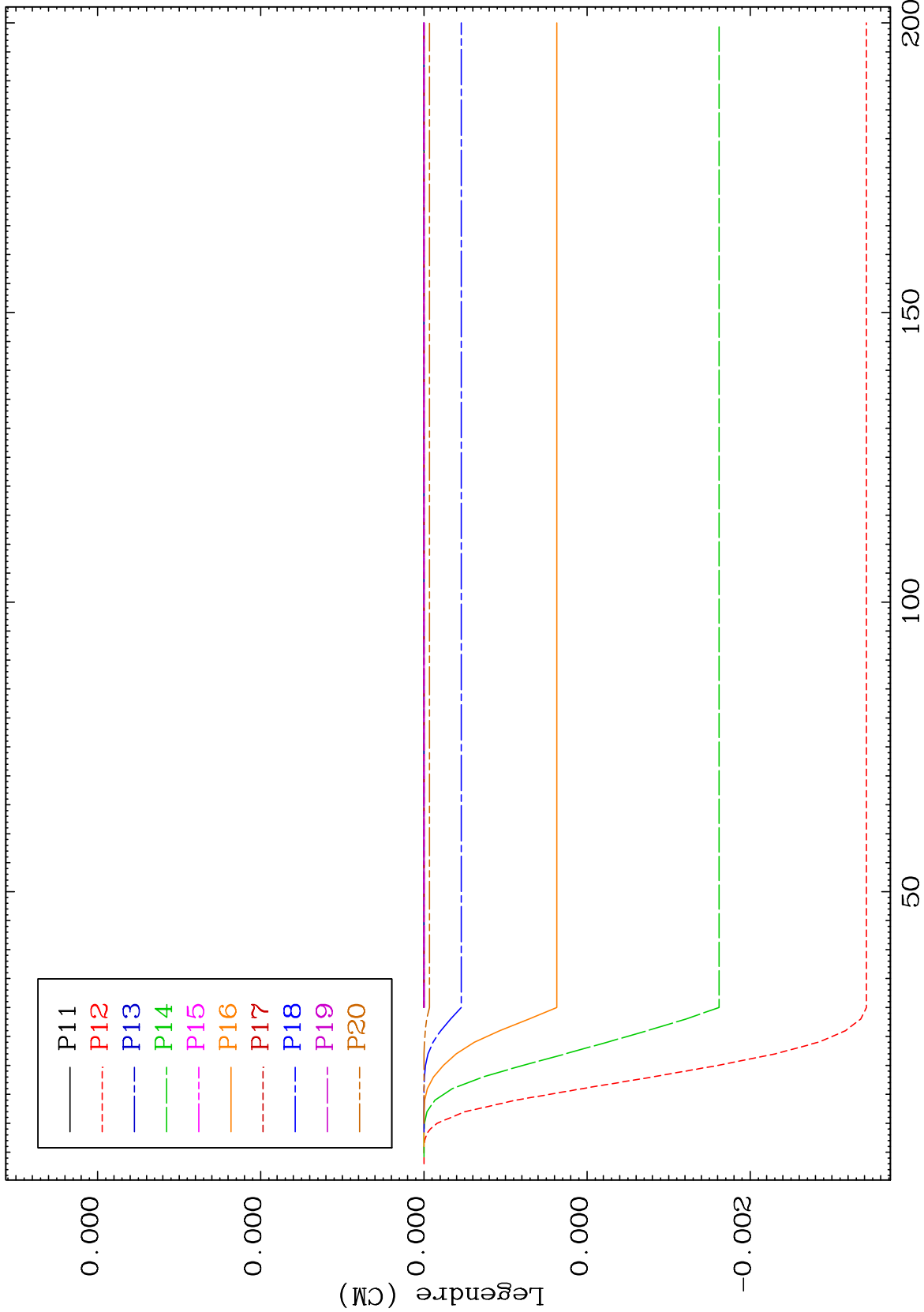




MAT 6255

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

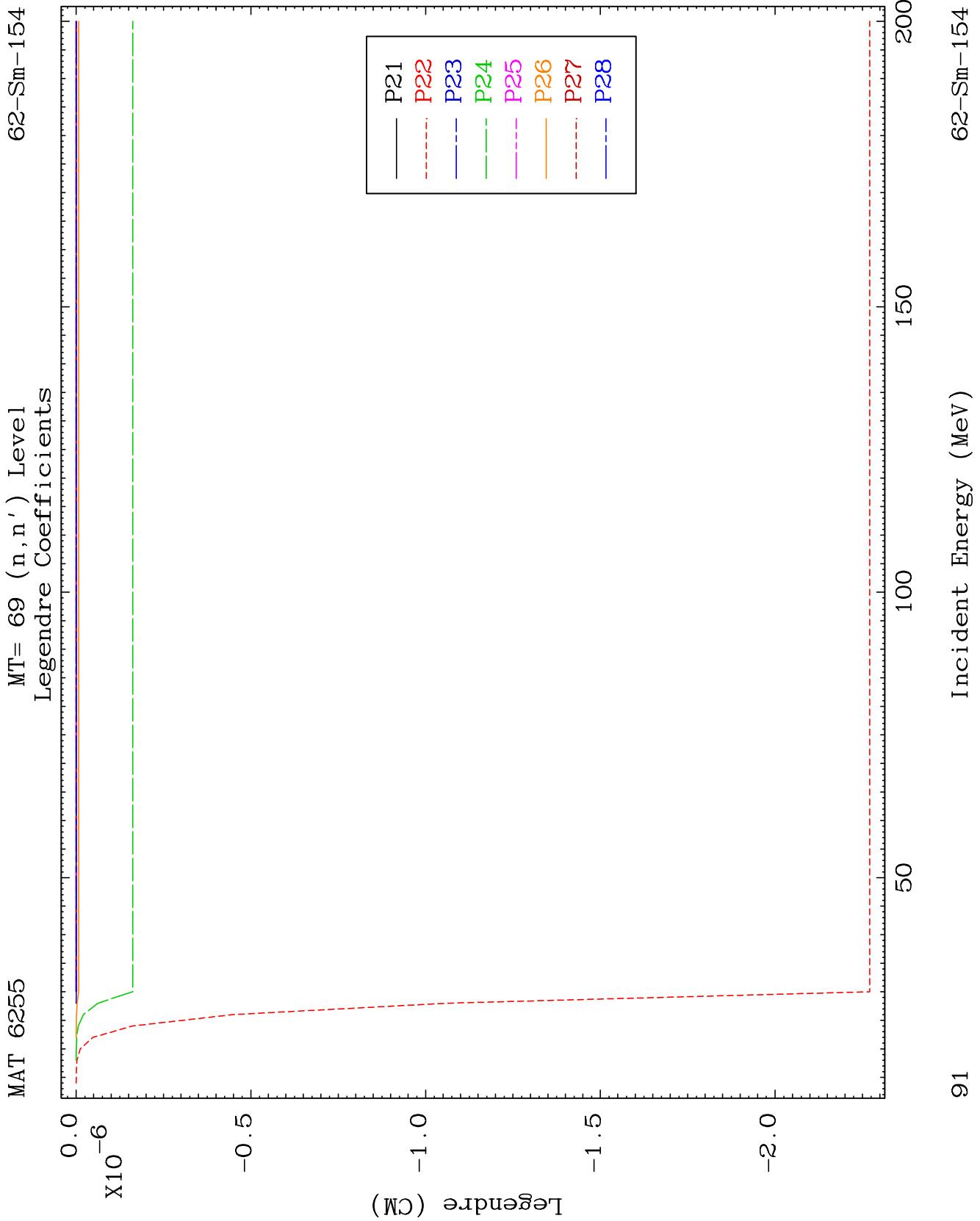
62-Sm-154

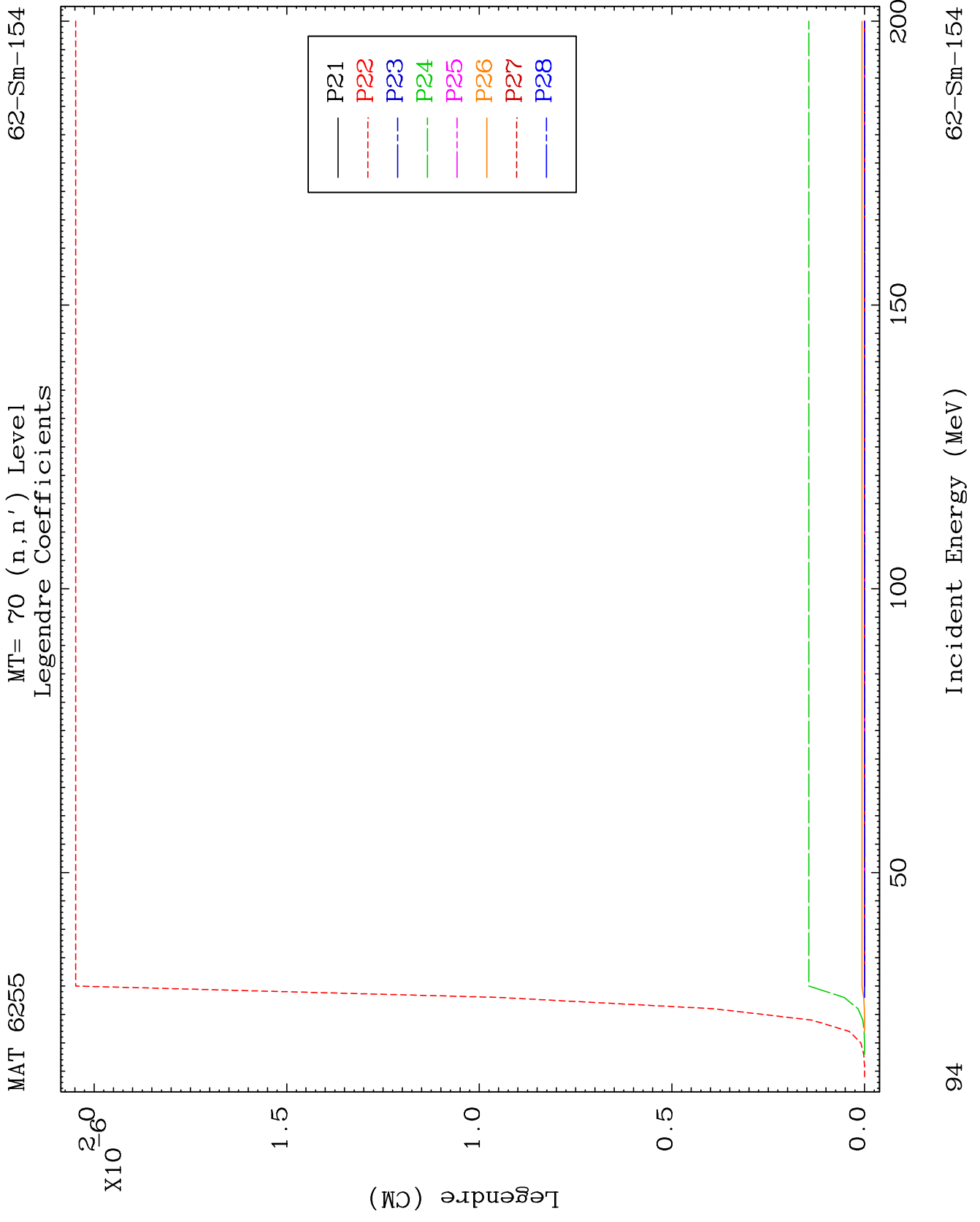


90

Incident Energy (MeV)

62-Sm-154

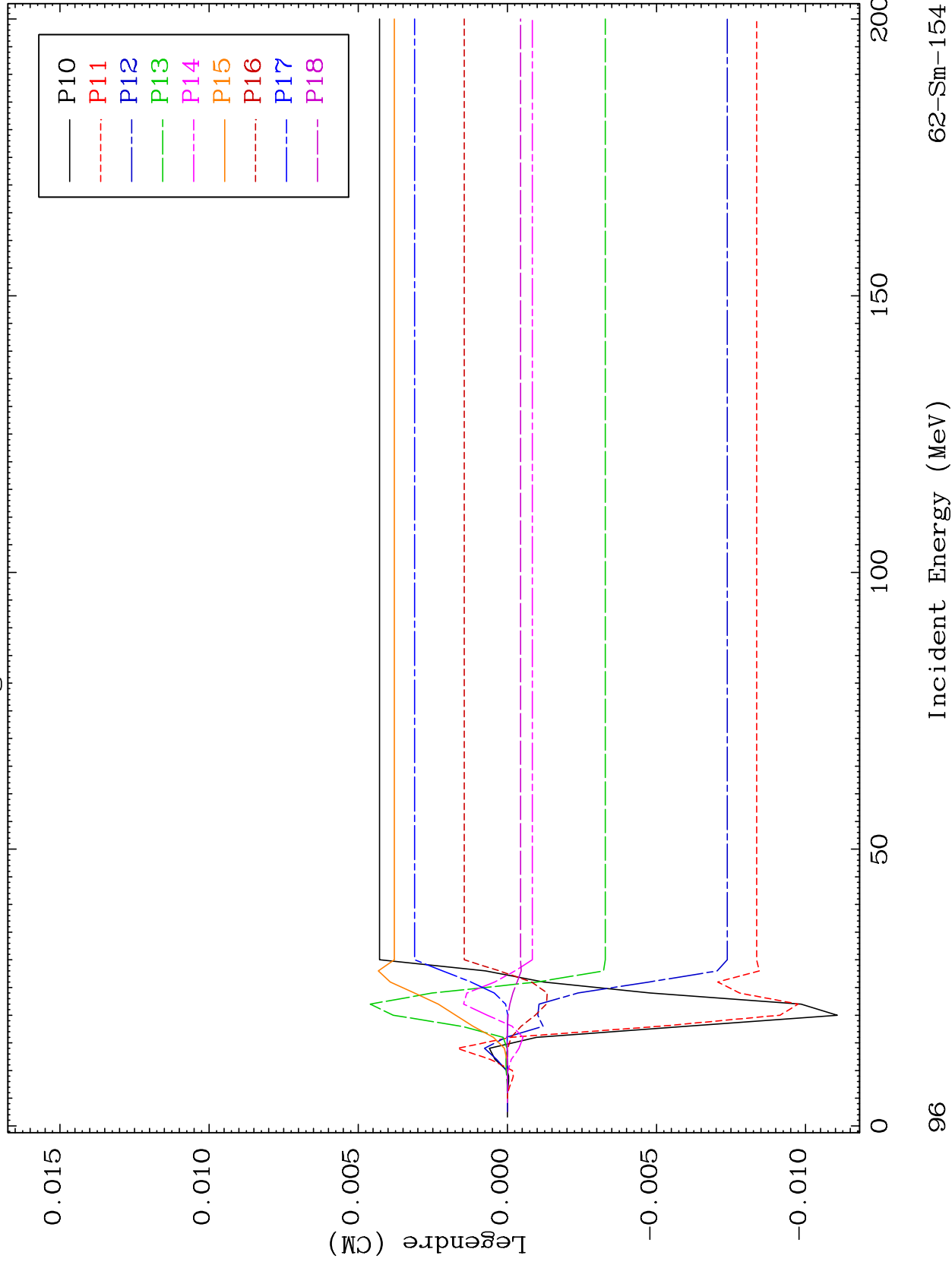




MAT 6255

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

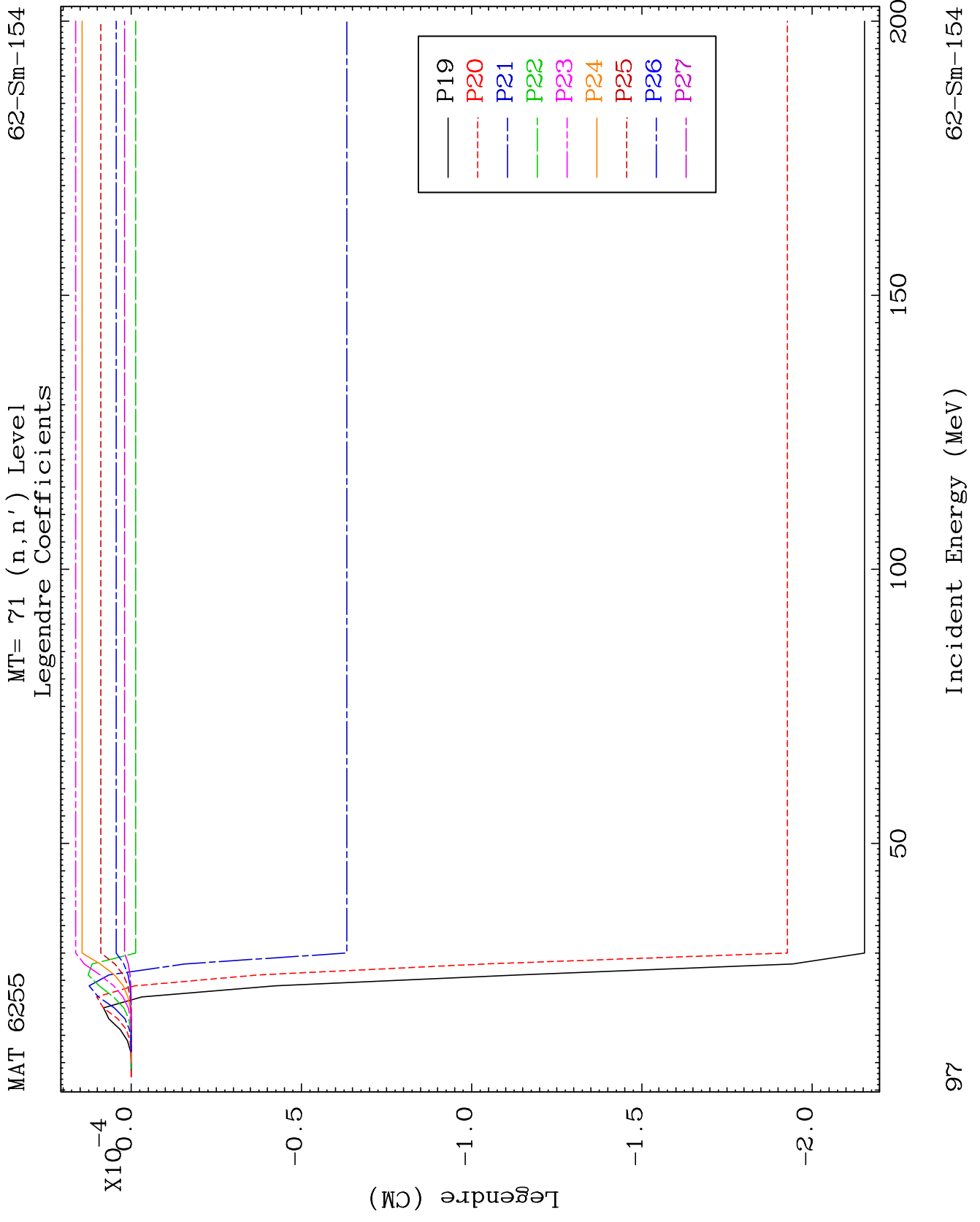
62-Sm-154



96

Incident Energy (MeV)

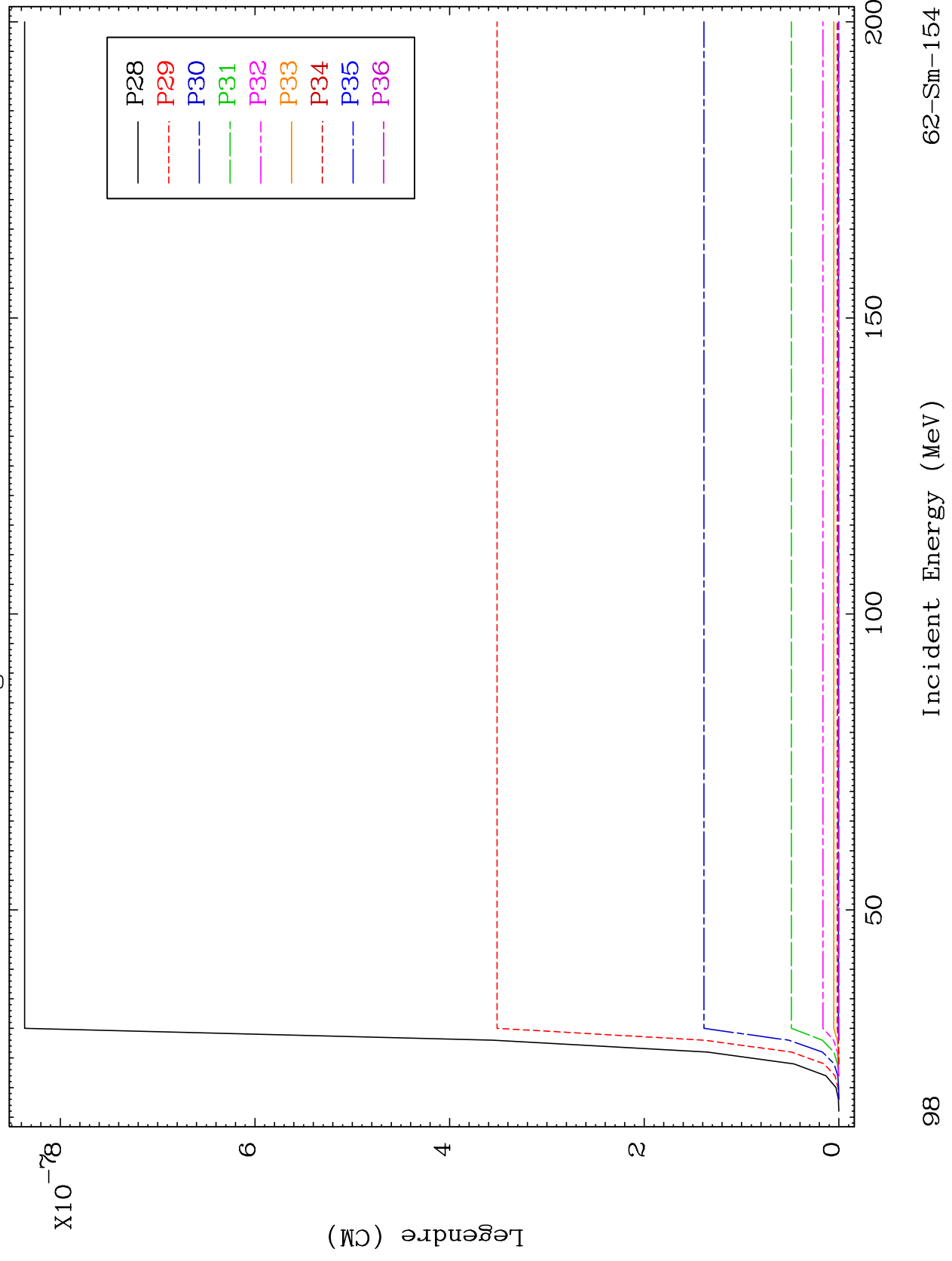
62-Sm-154



MAT 6255

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

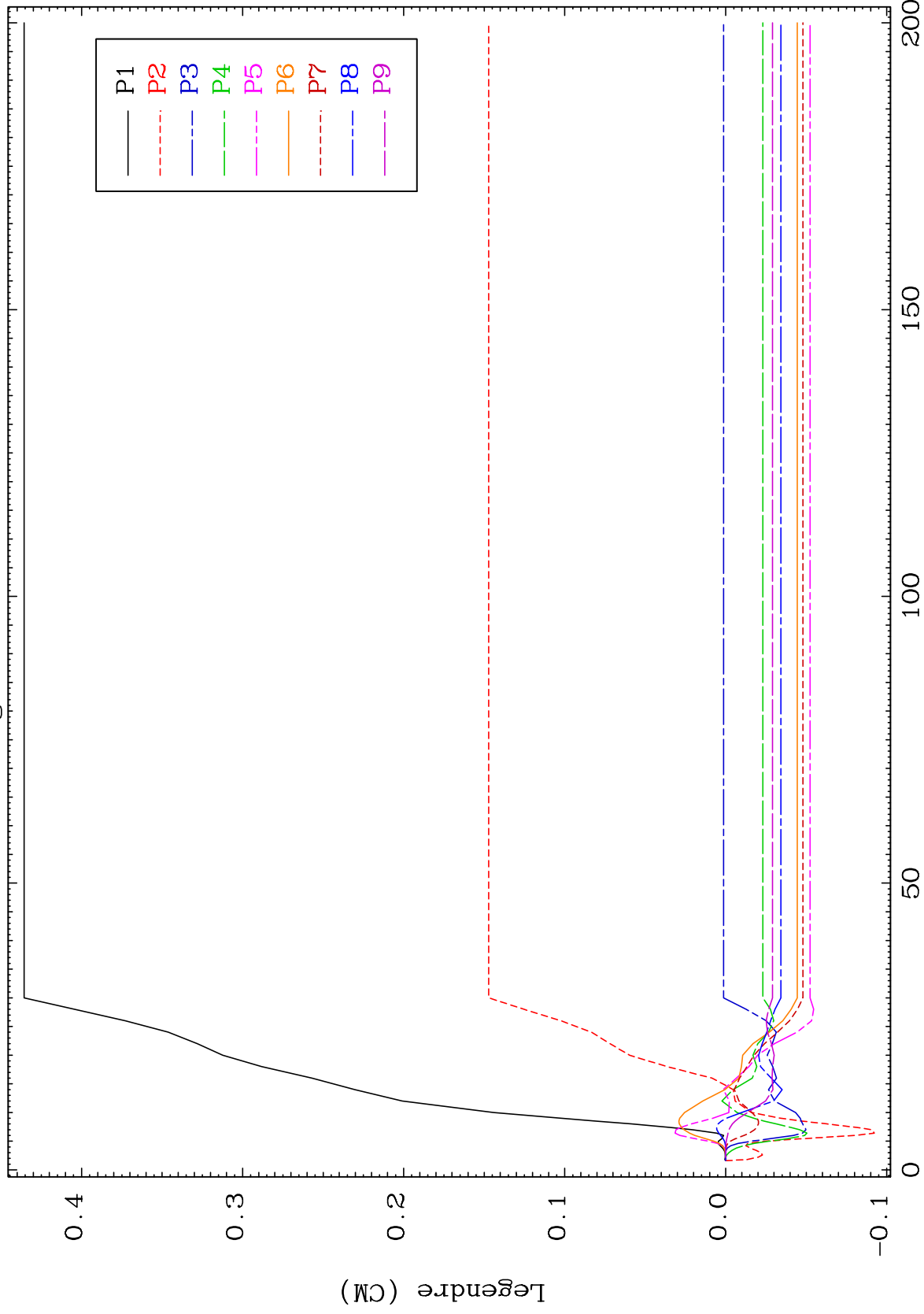
62-Sm-154



MAT 6255

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

62-Sm-154



99

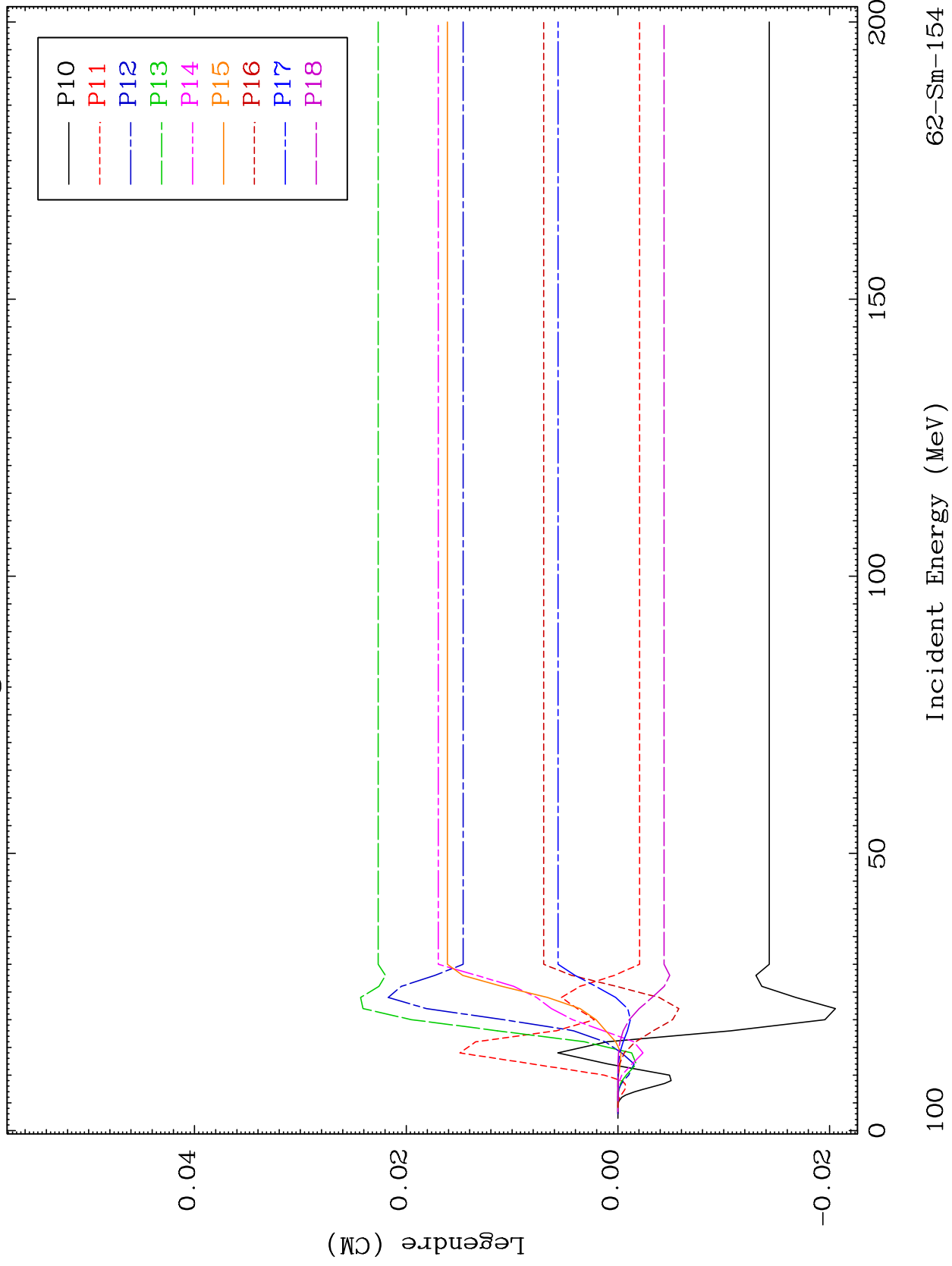
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



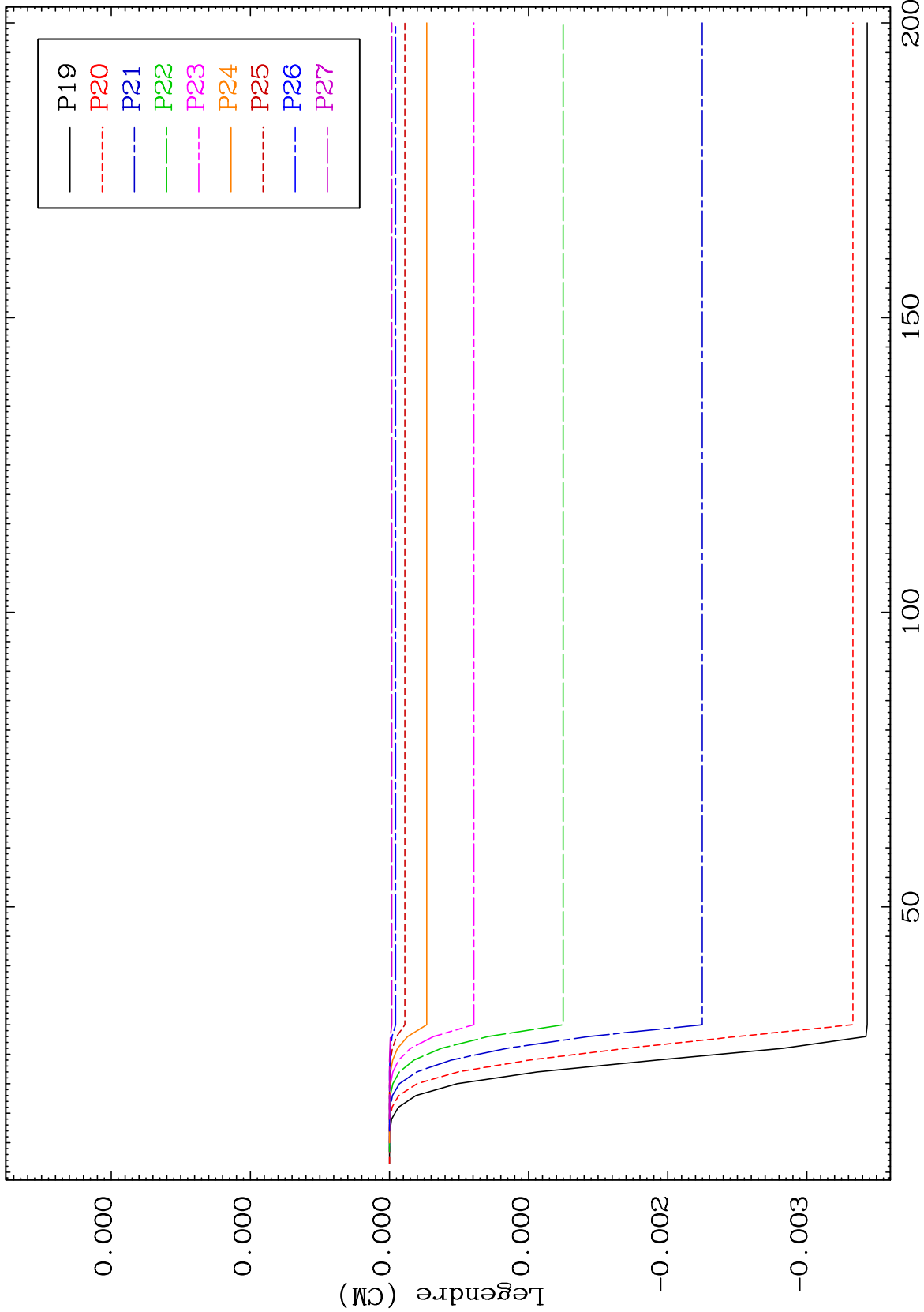
62-Sm-154

Incident Energy (MeV)

MAT 6255

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

62-Sm-154



101

Incident Energy (MeV)

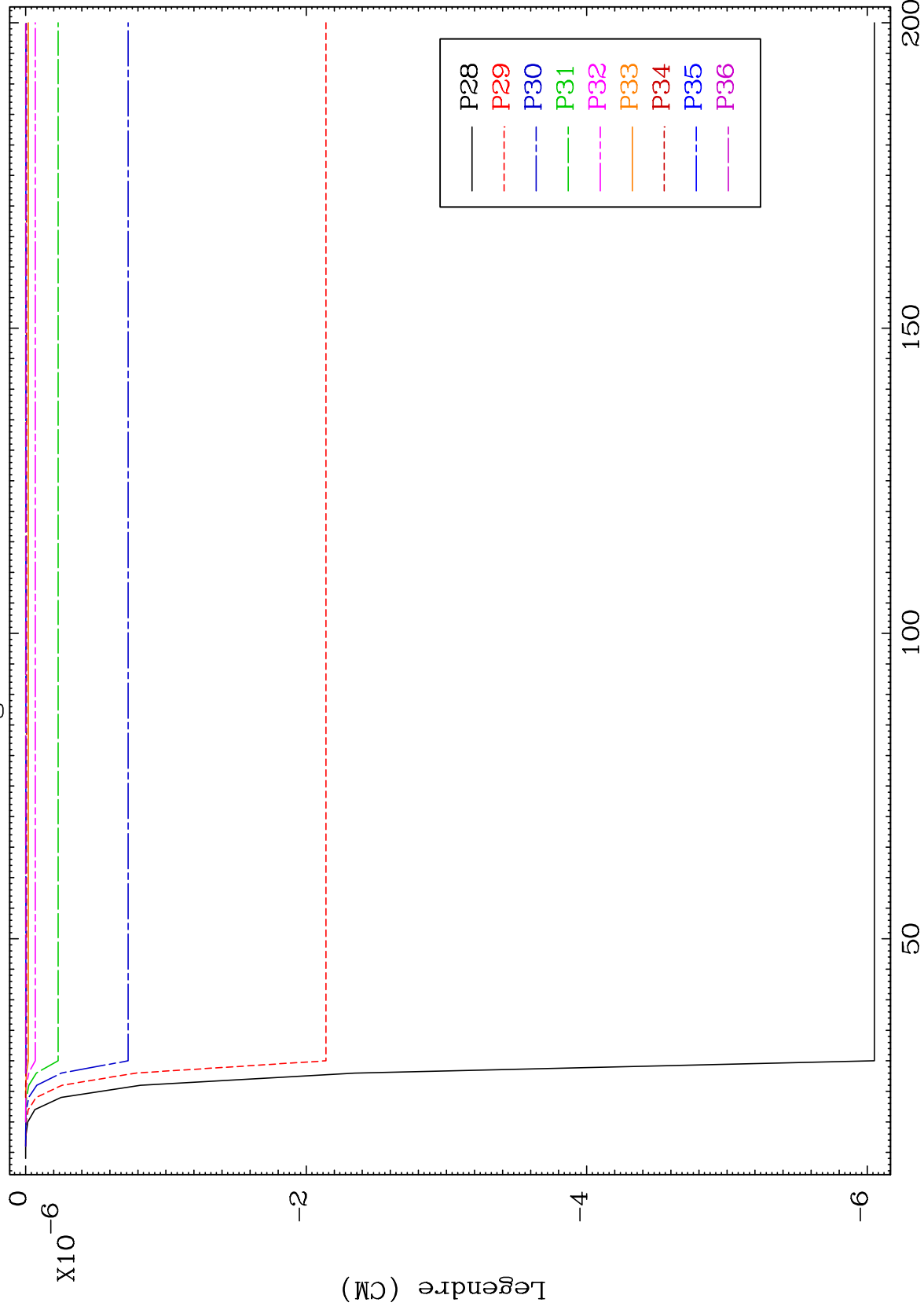
62-Sm-154

MAT 6255

MT= 72 (n,n') Level

62-Sm-154

Legendre Coefficients



62-Sm-154

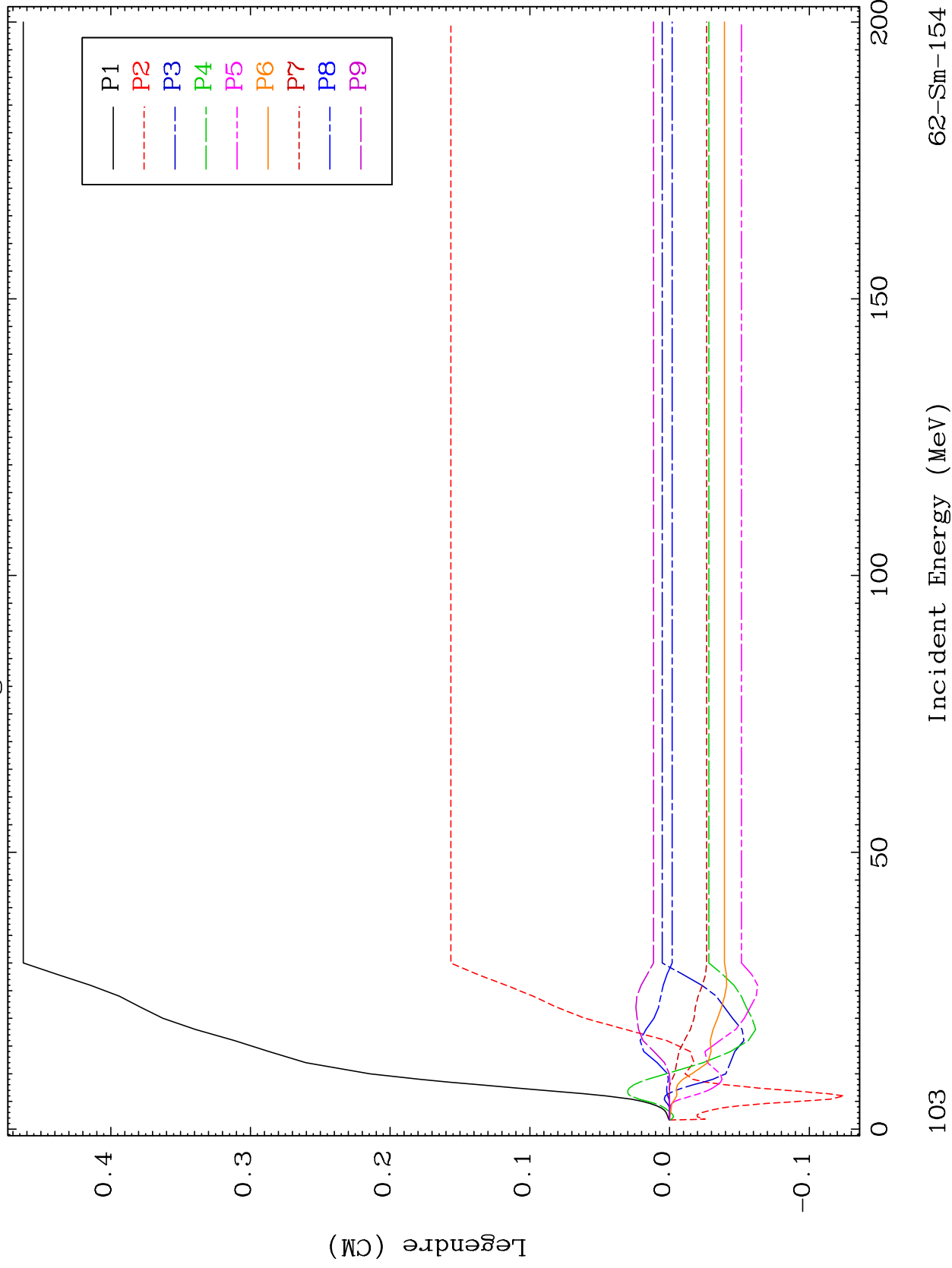
Incident Energy (MeV)

102

MAT 6255

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

62-Sm-154



62-Sm-154

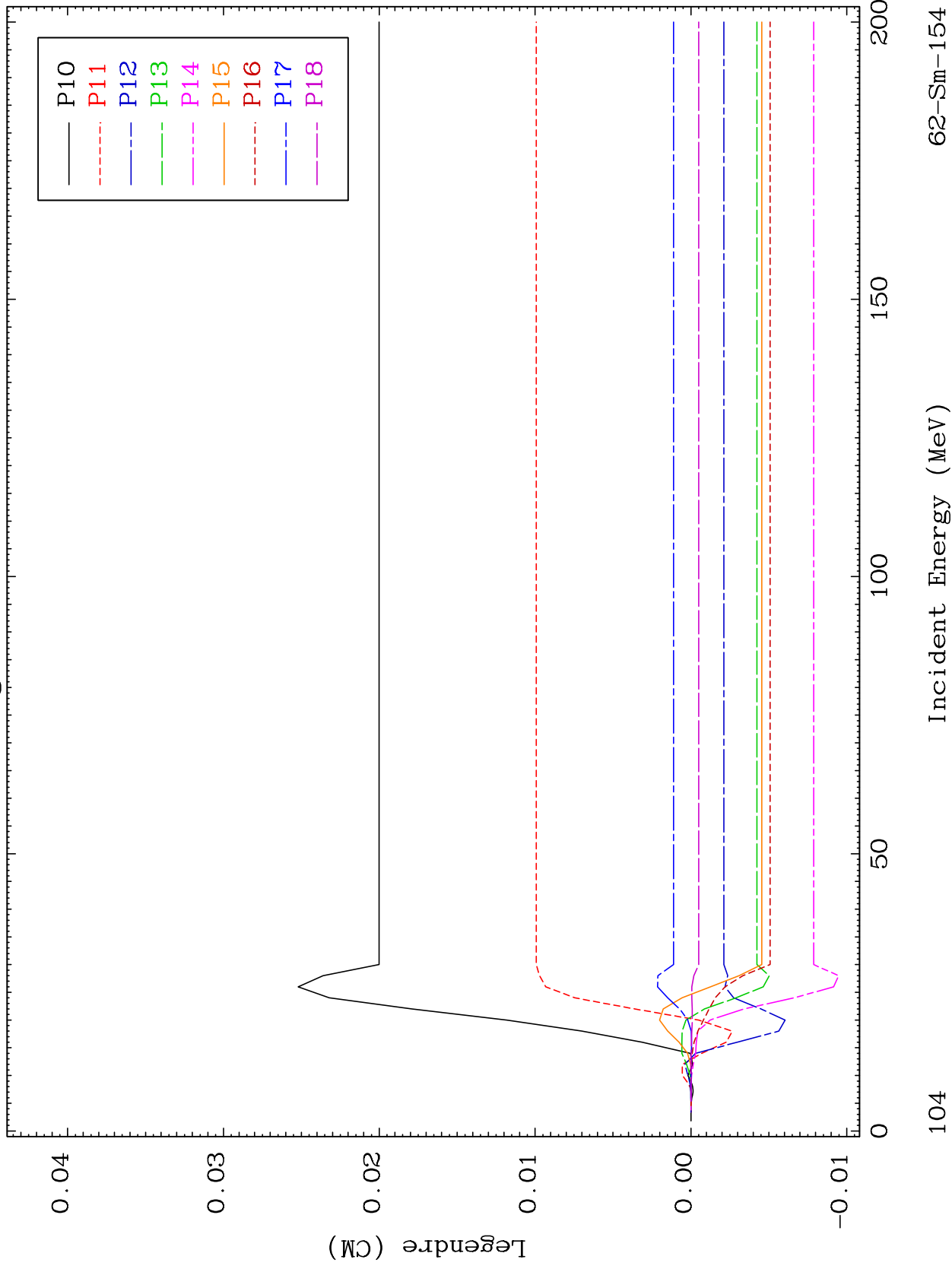
Incident Energy (MeV)

103

MAT 6255

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

62-Sm-154



62-Sm-154

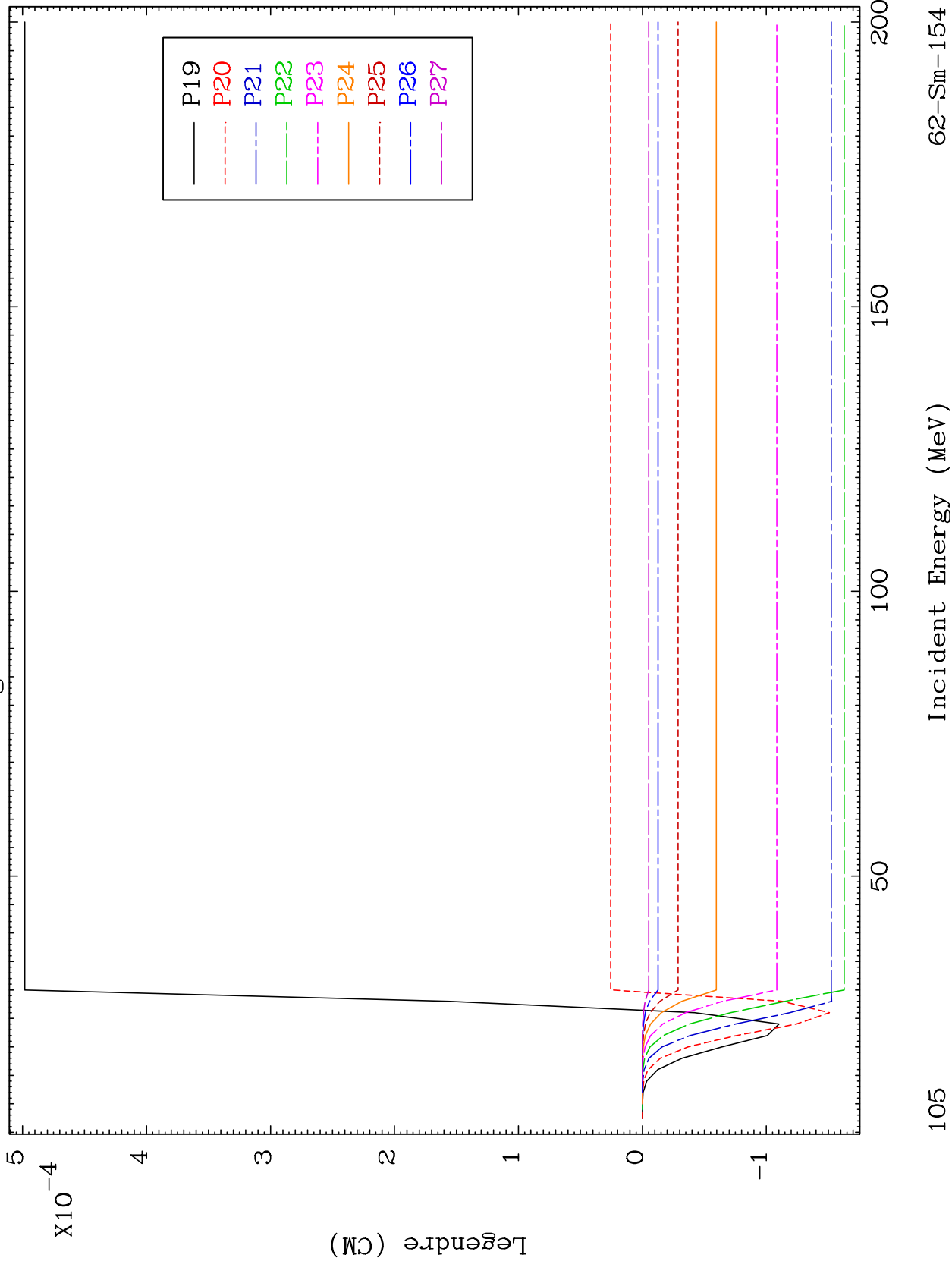
Incident Energy (MeV)

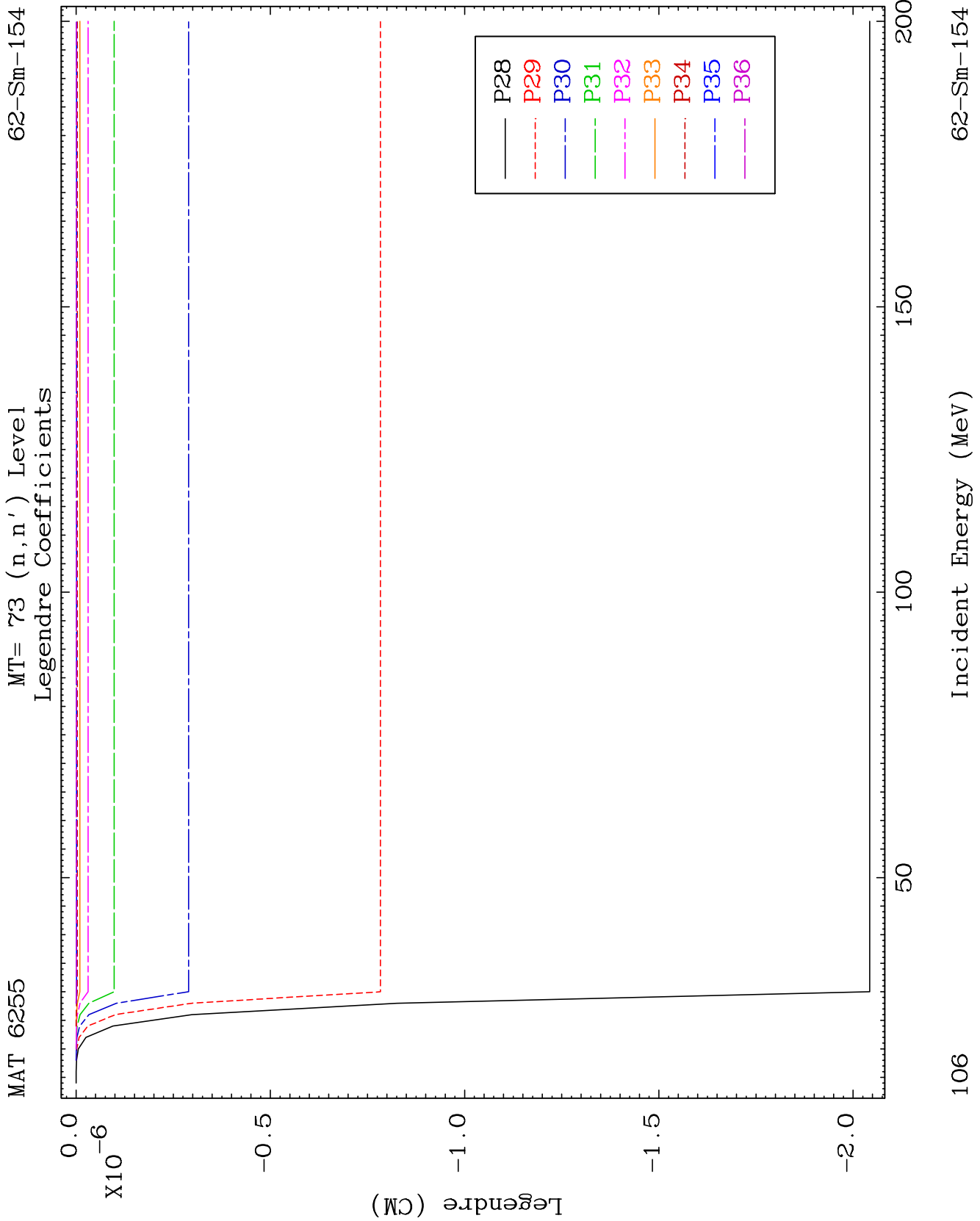
104

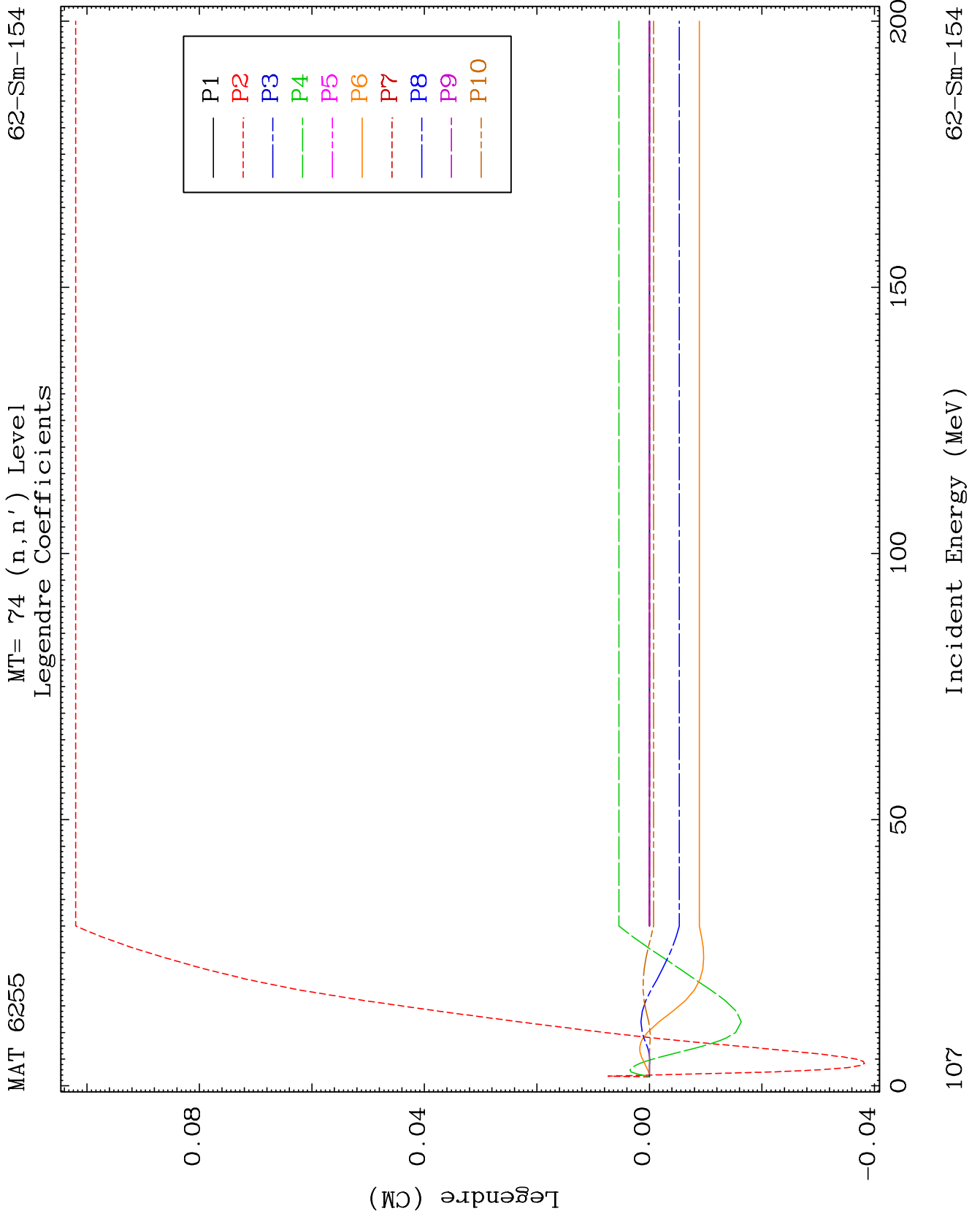
MAT 6255

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

62-Sm-154



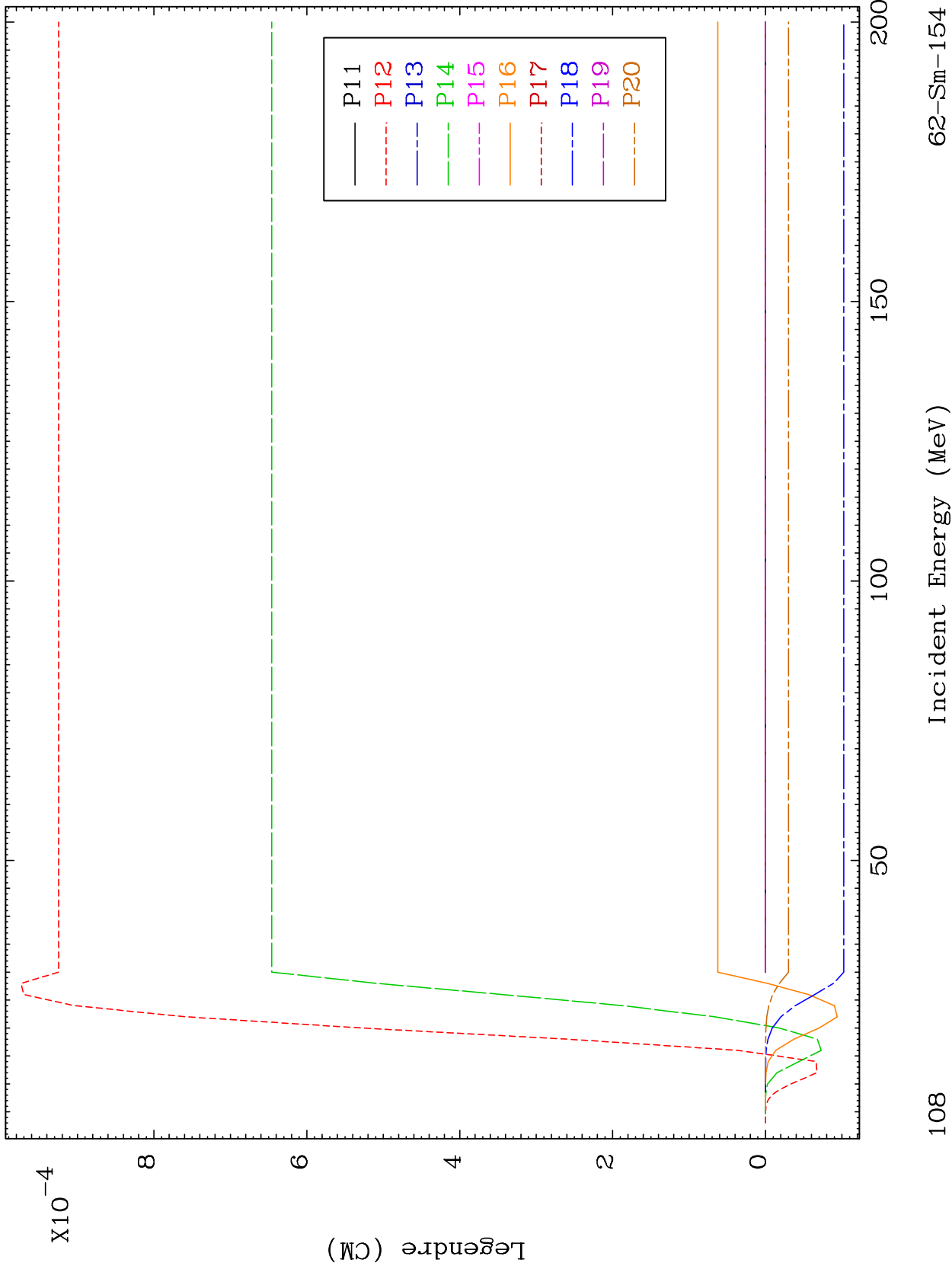




MAT 6255

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

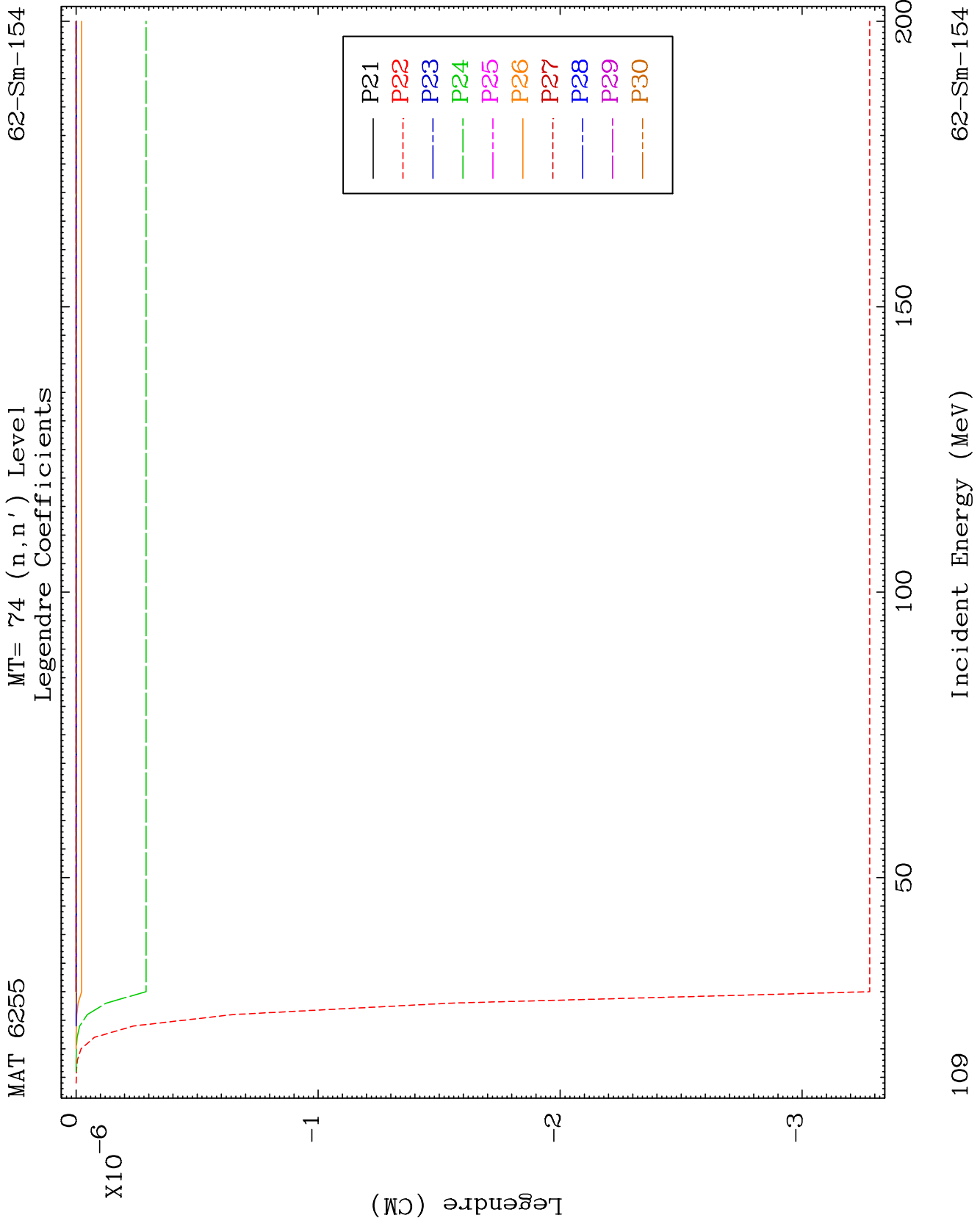
62-Sm-154

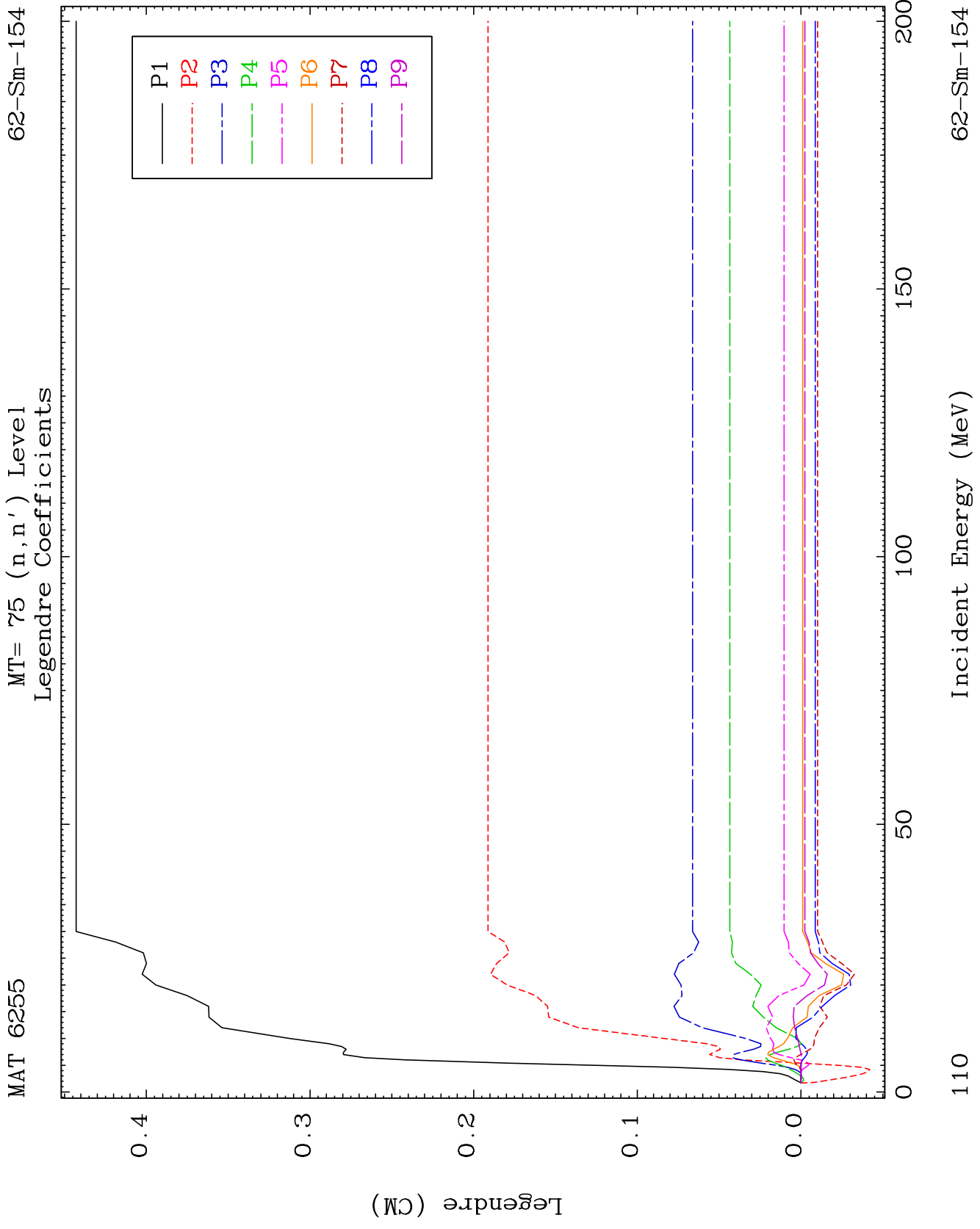


108

Incident Energy (MeV)

62-Sm-154

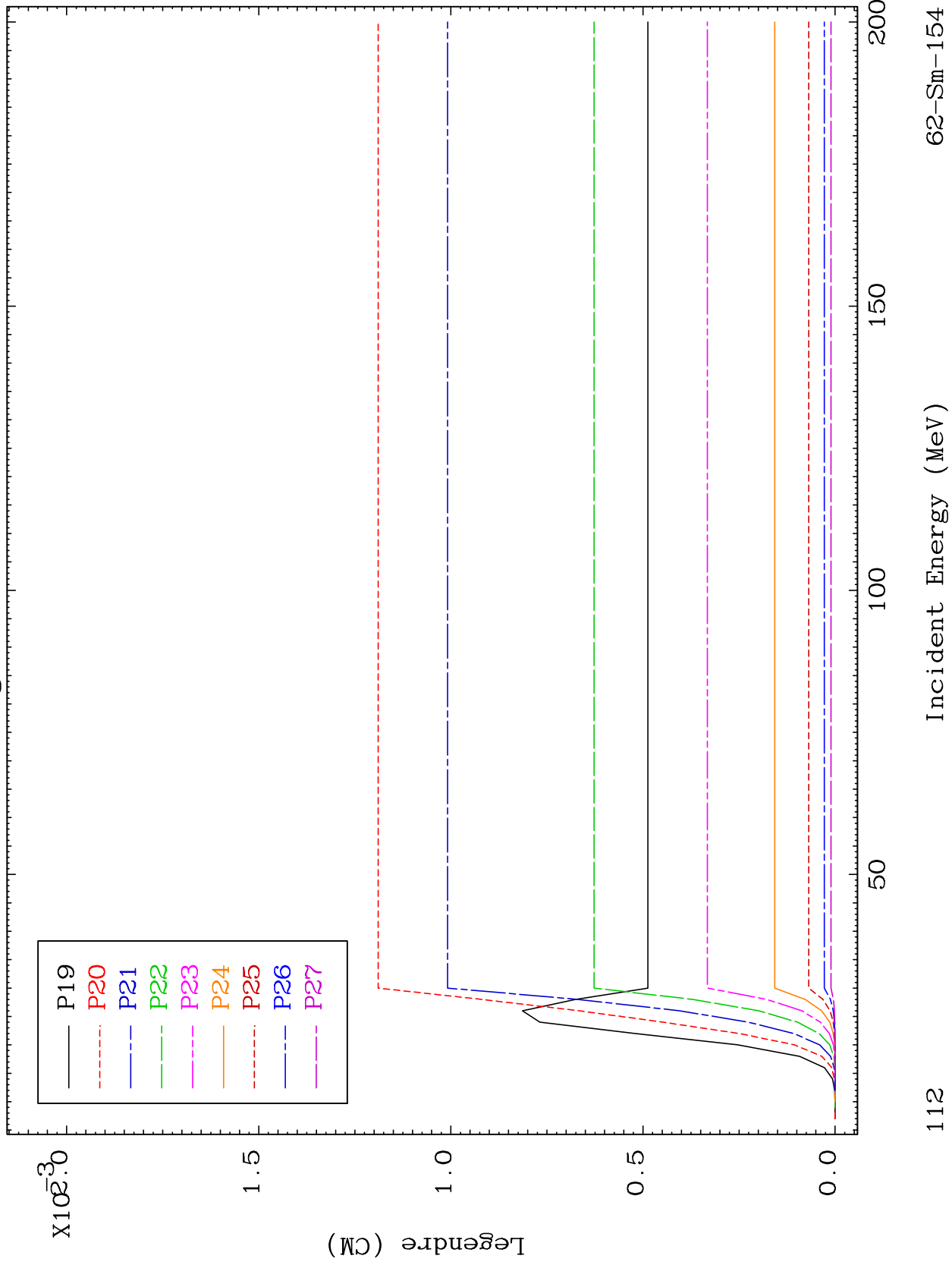




MAT 6255

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

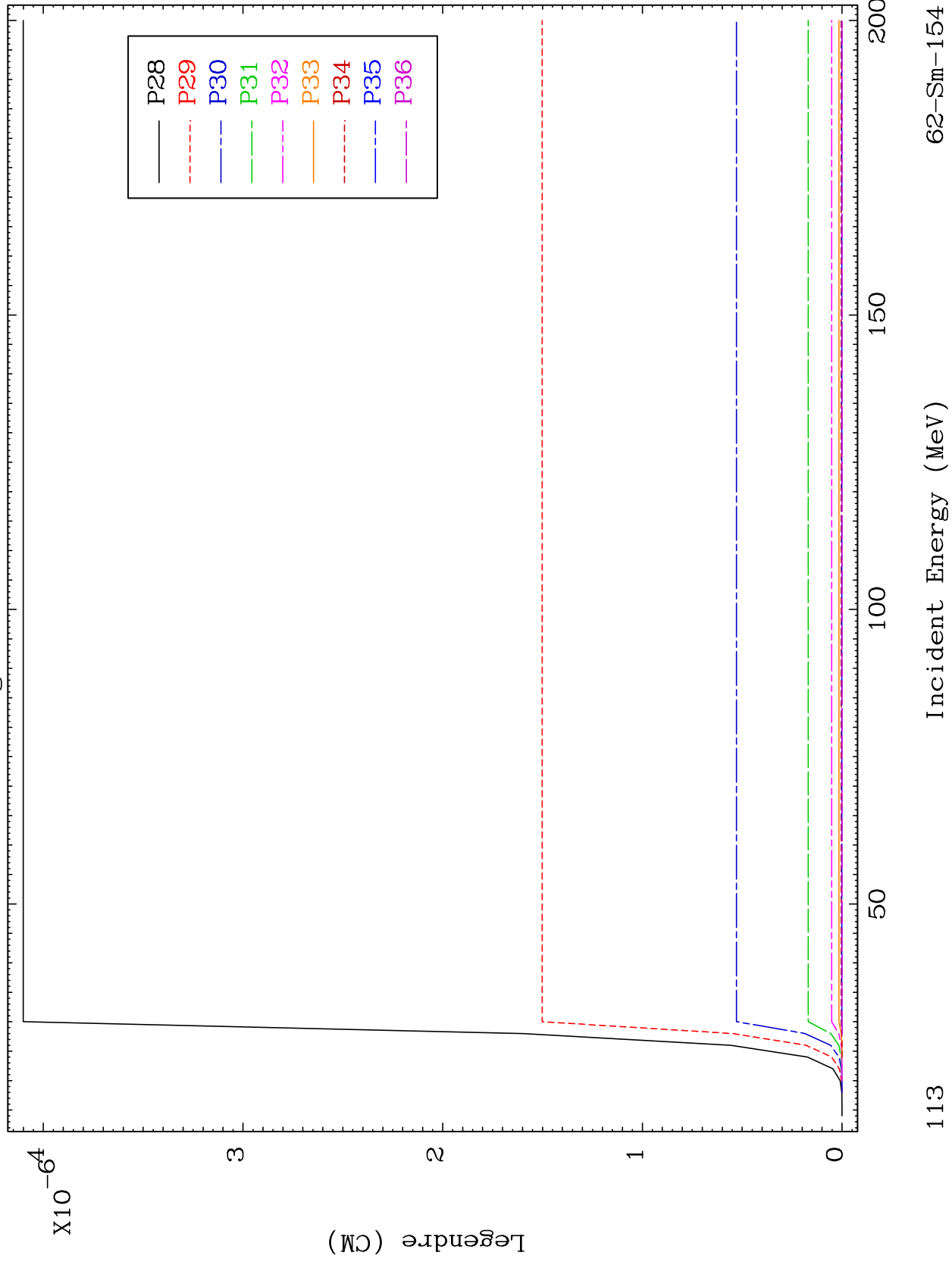
62-Sm-154



MAT 6255

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

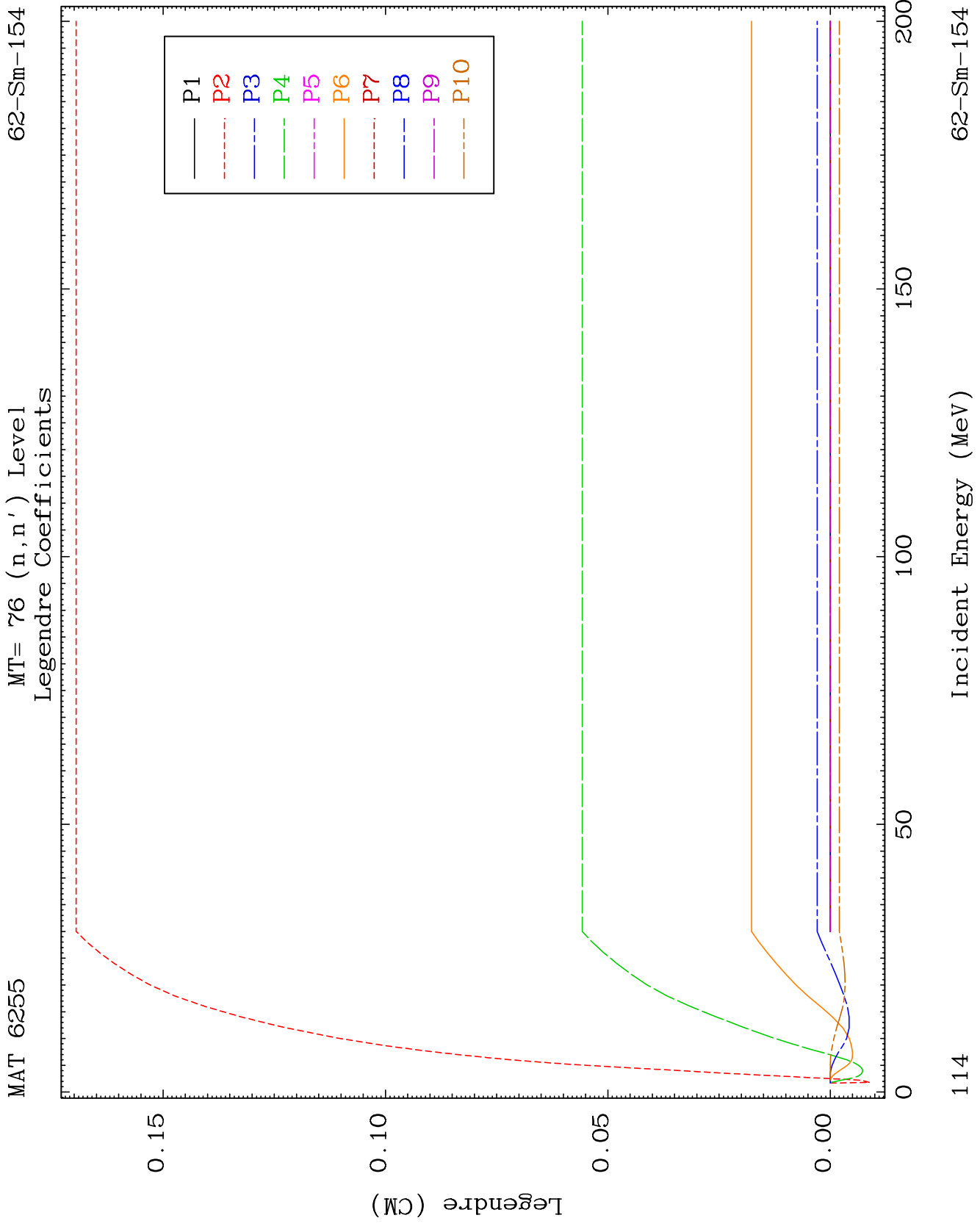
62-Sm-154



113

Incident Energy (MeV)

62-Sm-154



62-Sm-154

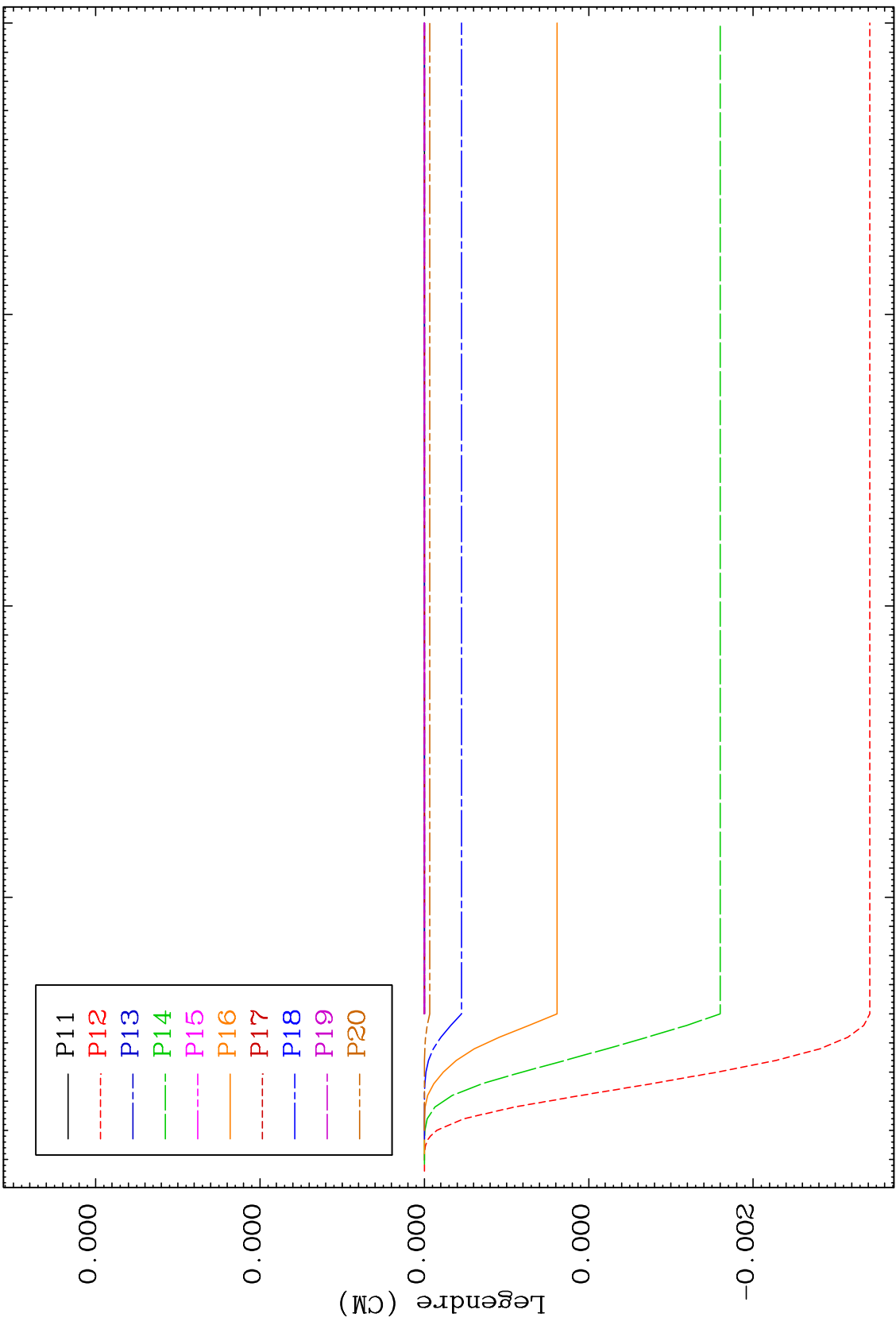
Incident Energy (MeV)

114

MAT 6255

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

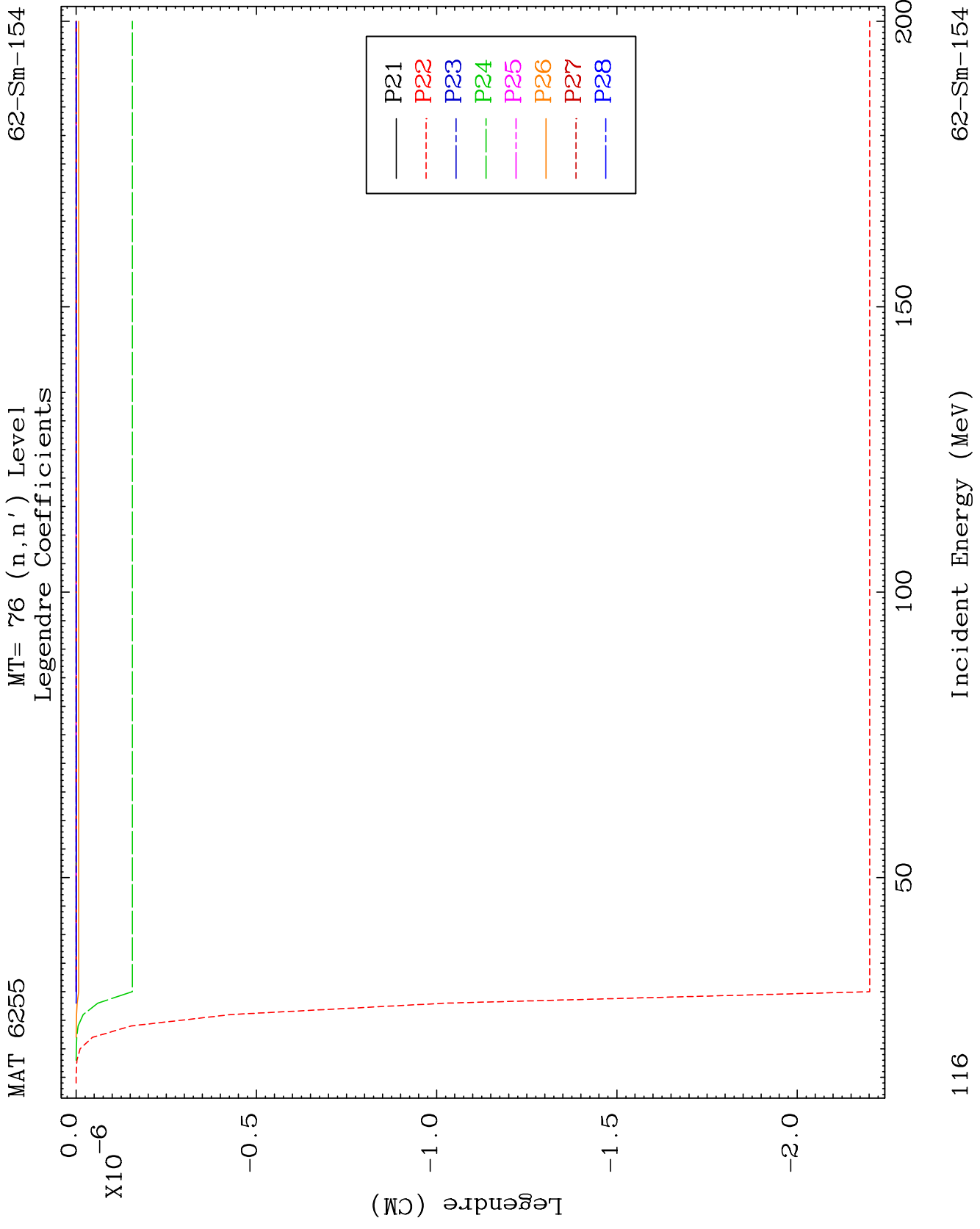
62-Sm-154

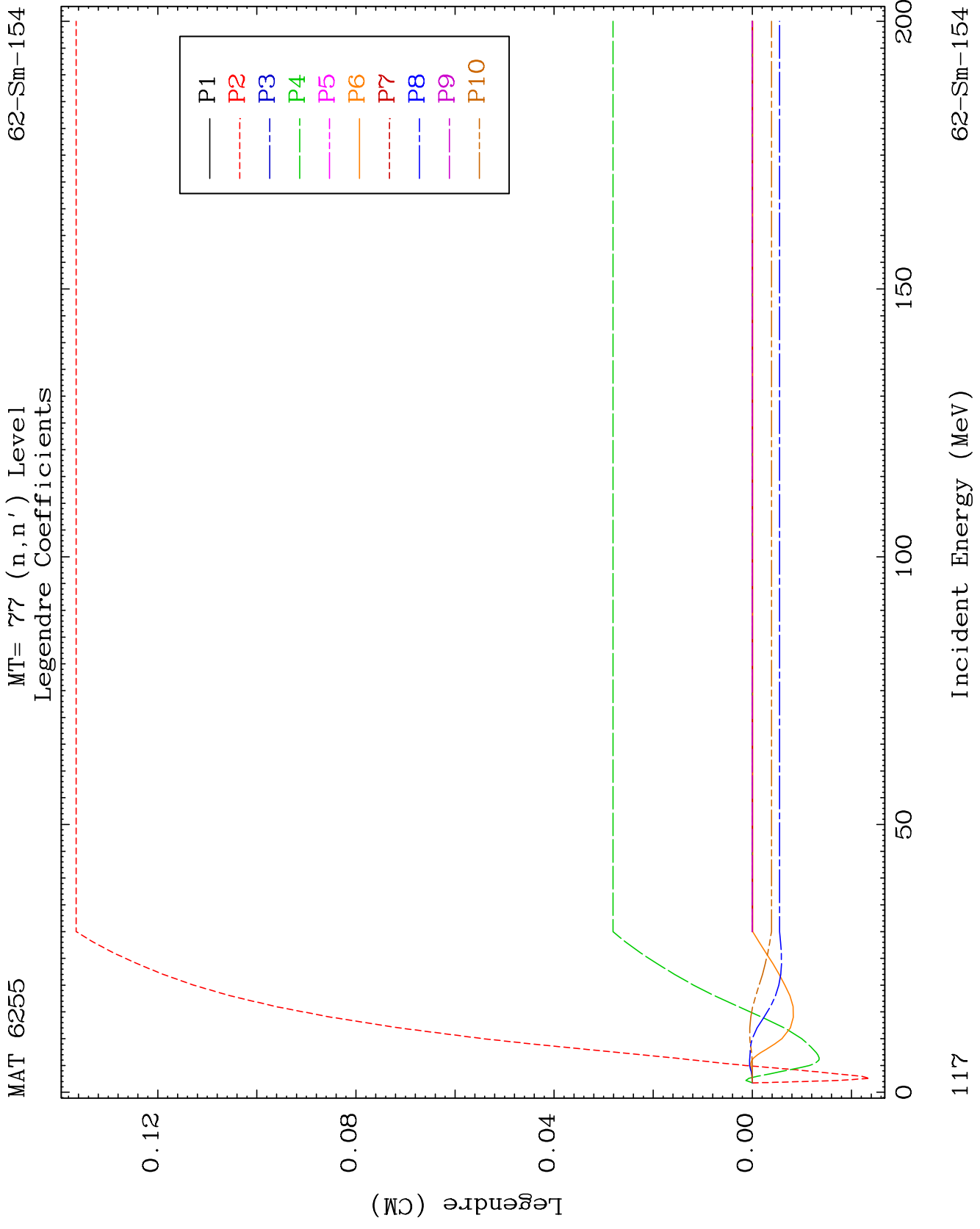


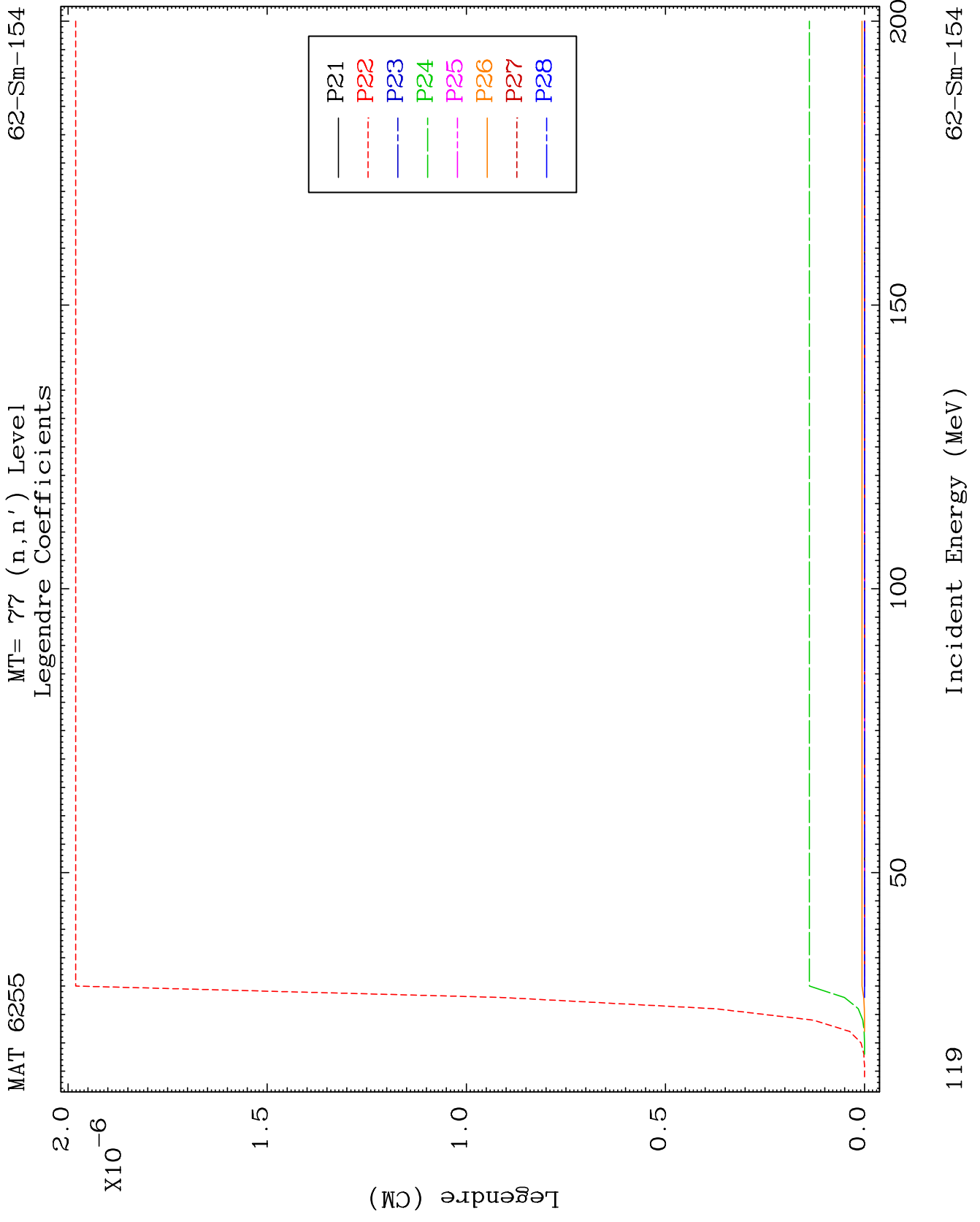
115

Incident Energy (MeV)

62-Sm-154



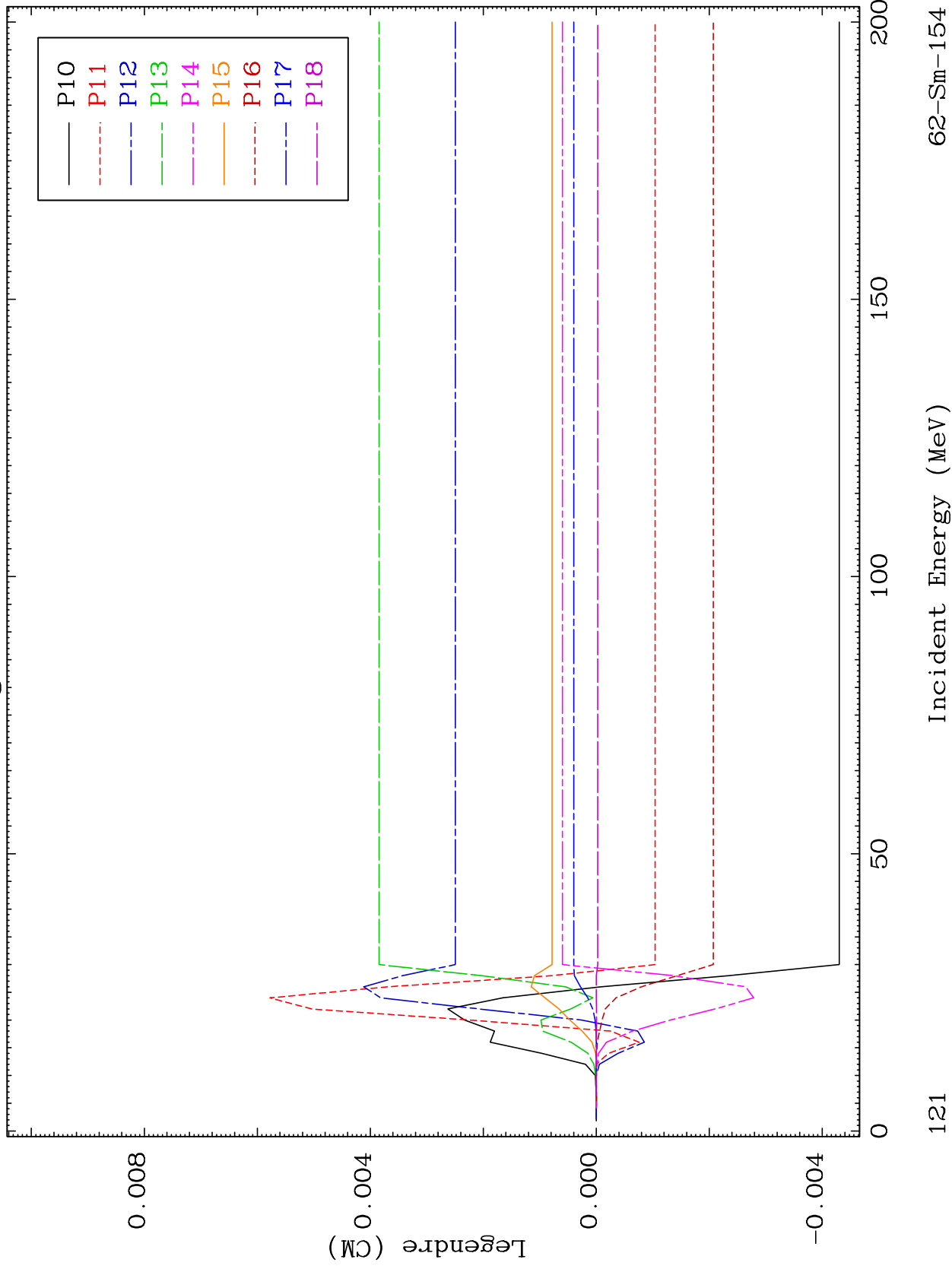




MAT 6255

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

62-Sm-154



121

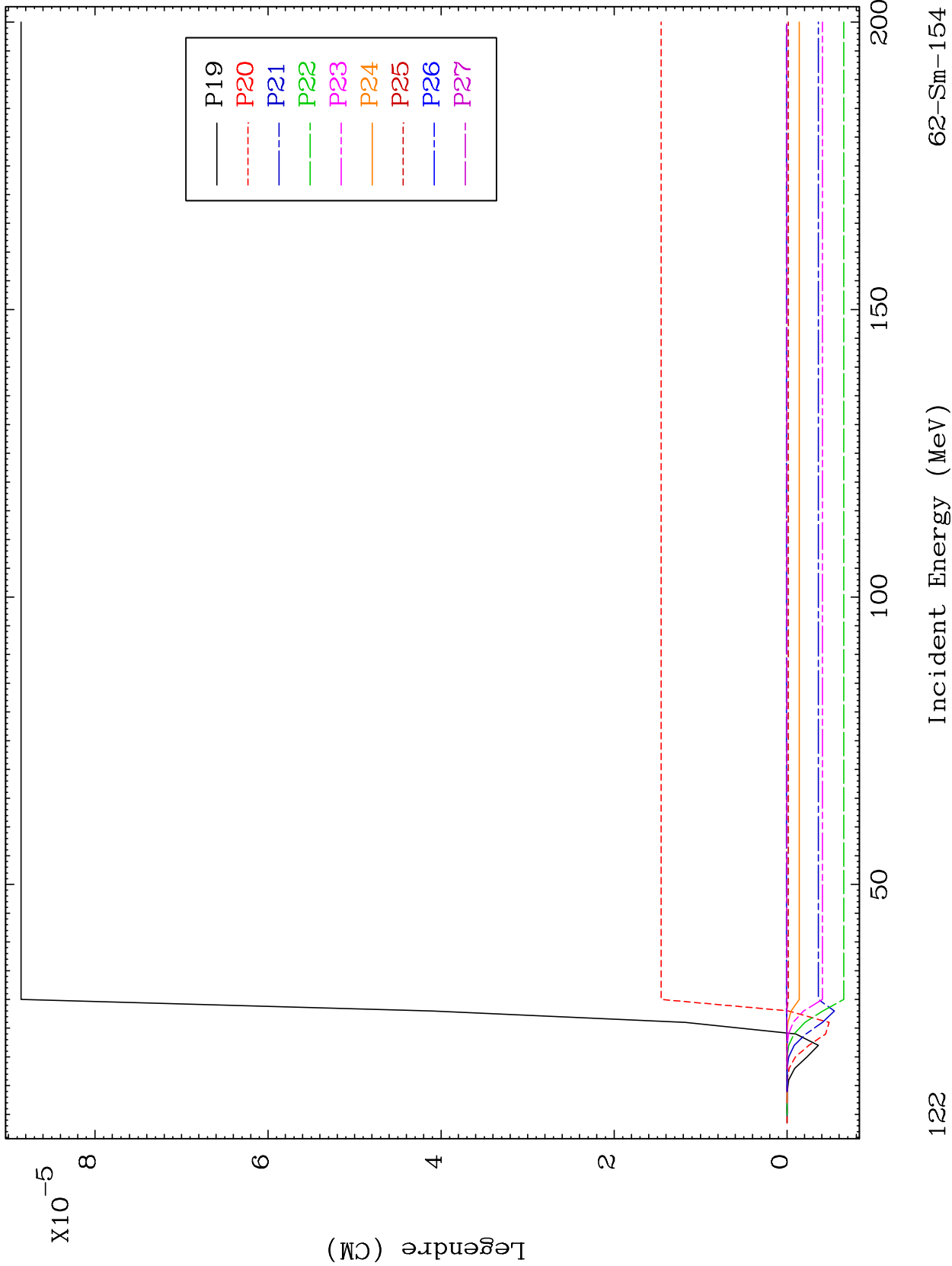
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



122

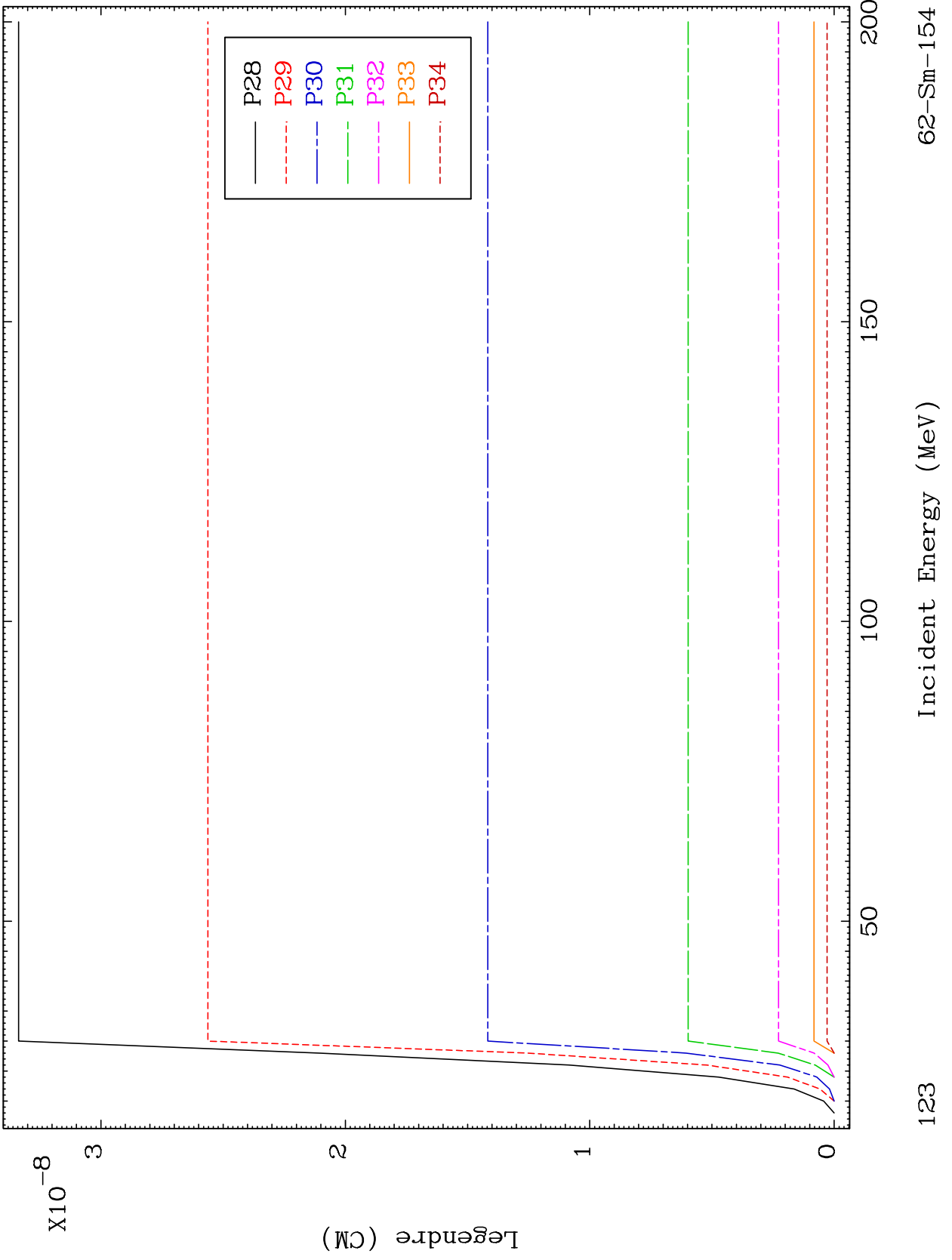
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

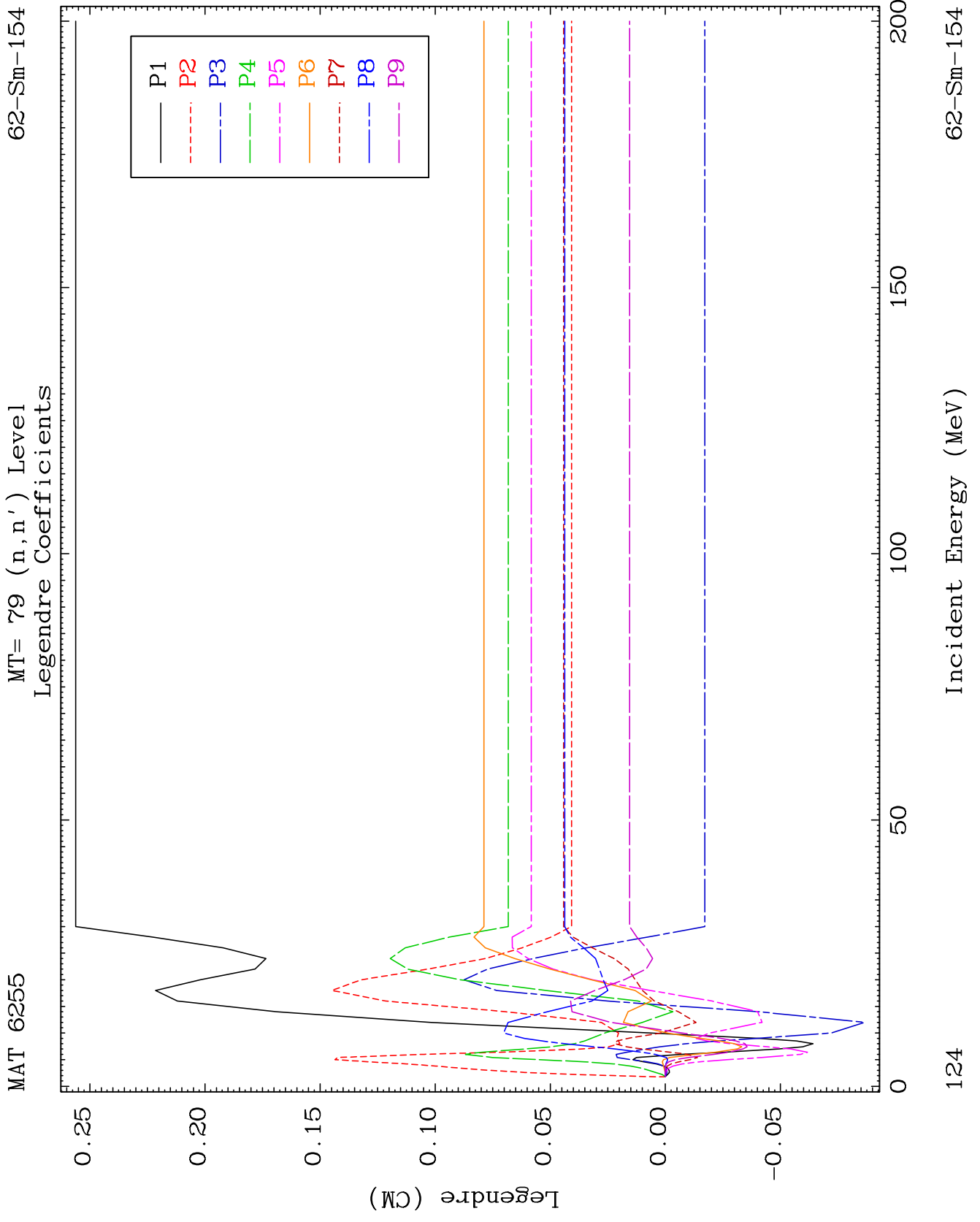
62-Sm-154



123

Incident Energy (MeV)

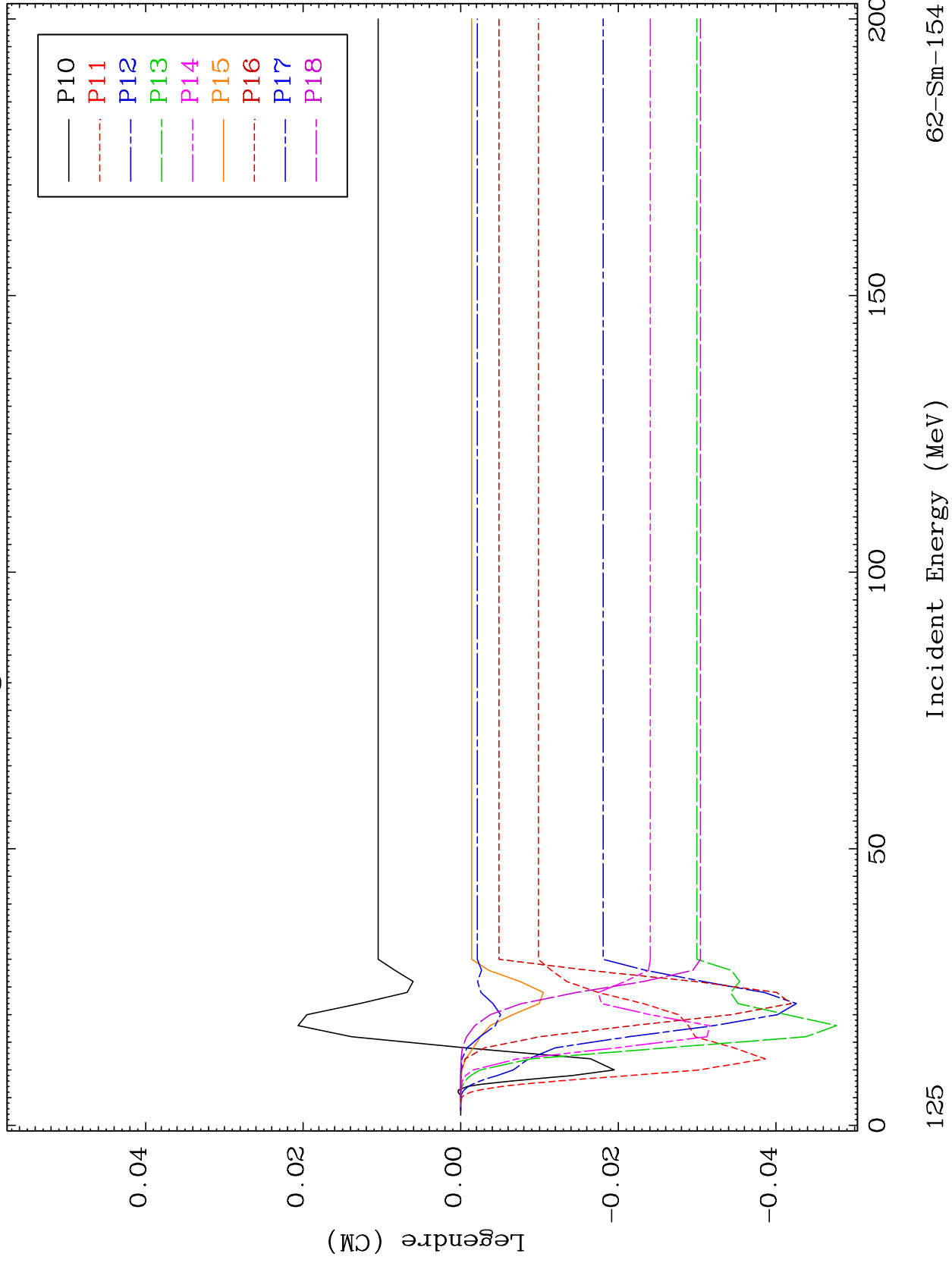
62-Sm-154



MAT 6255

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

62-Sm-154



62-Sm-154

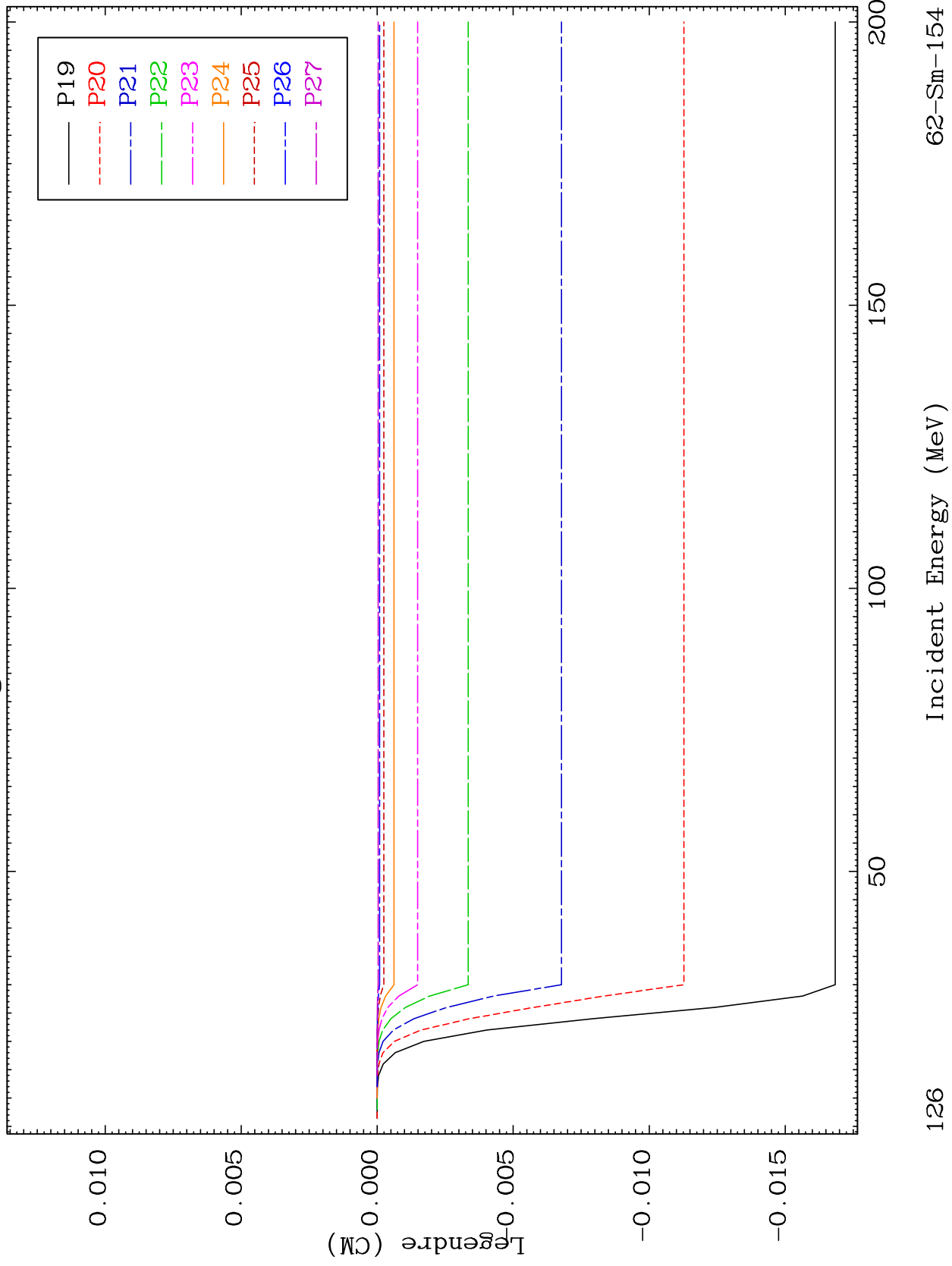
Incident Energy (MeV)

125

MAT 6255

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

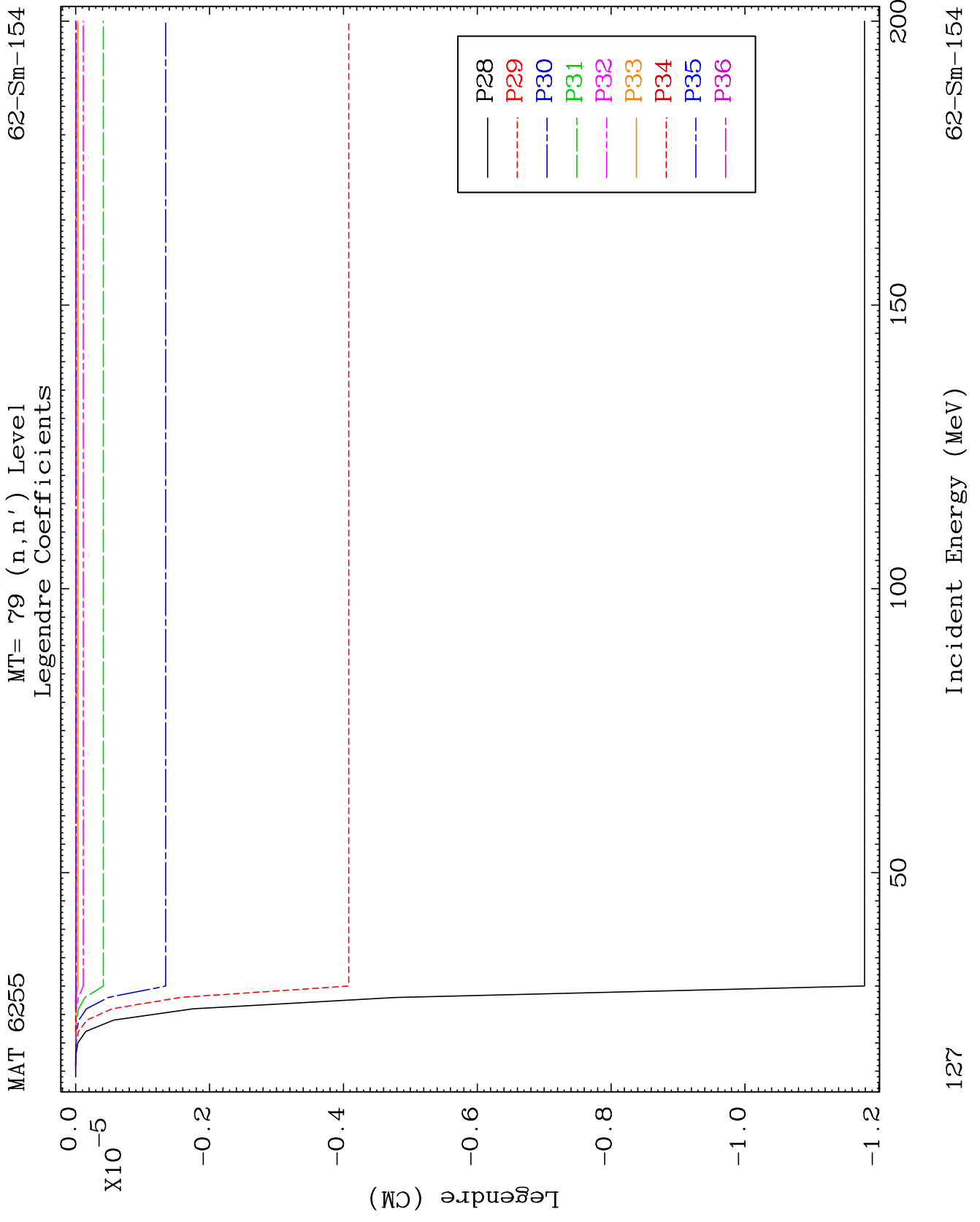
62-Sm-154

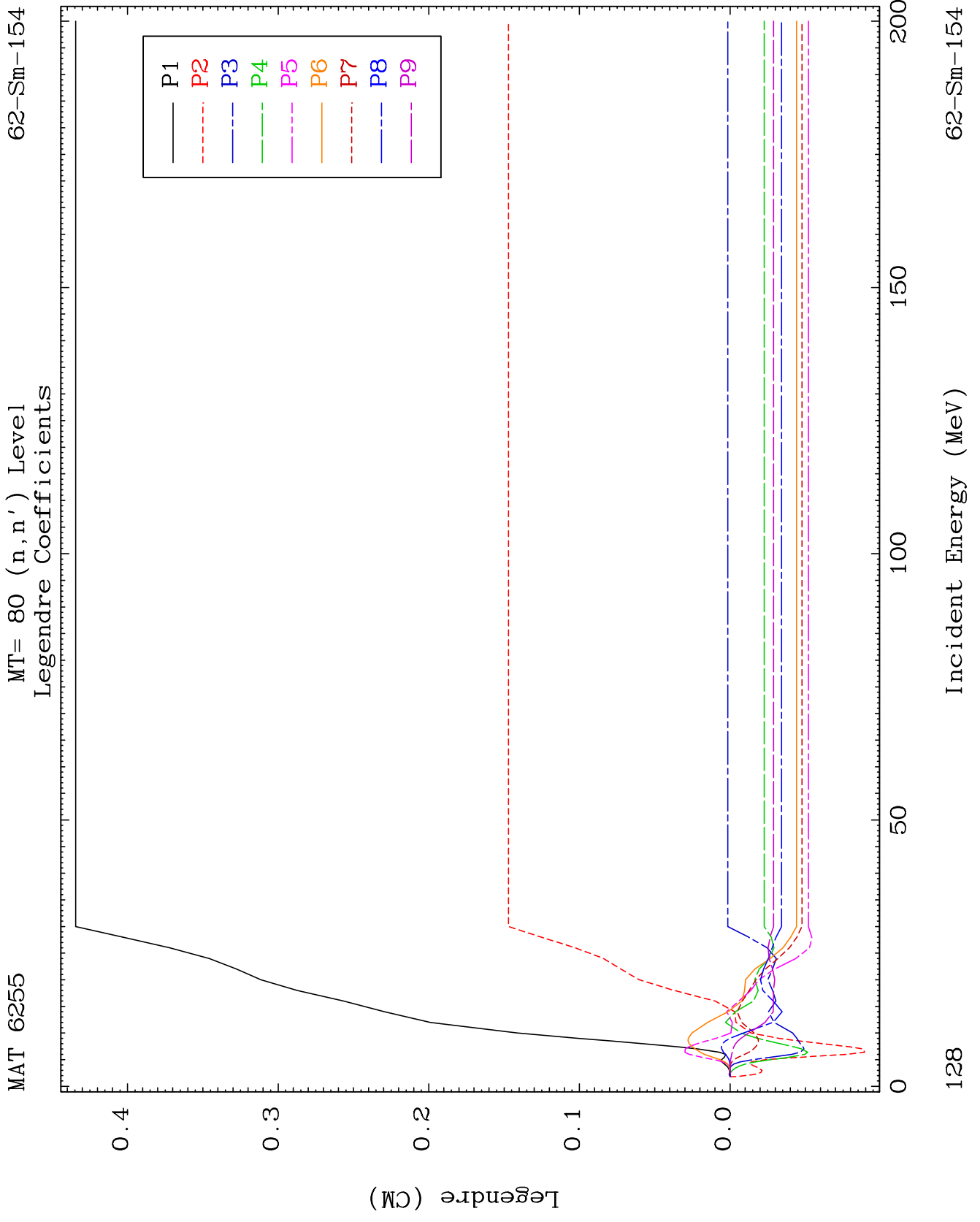


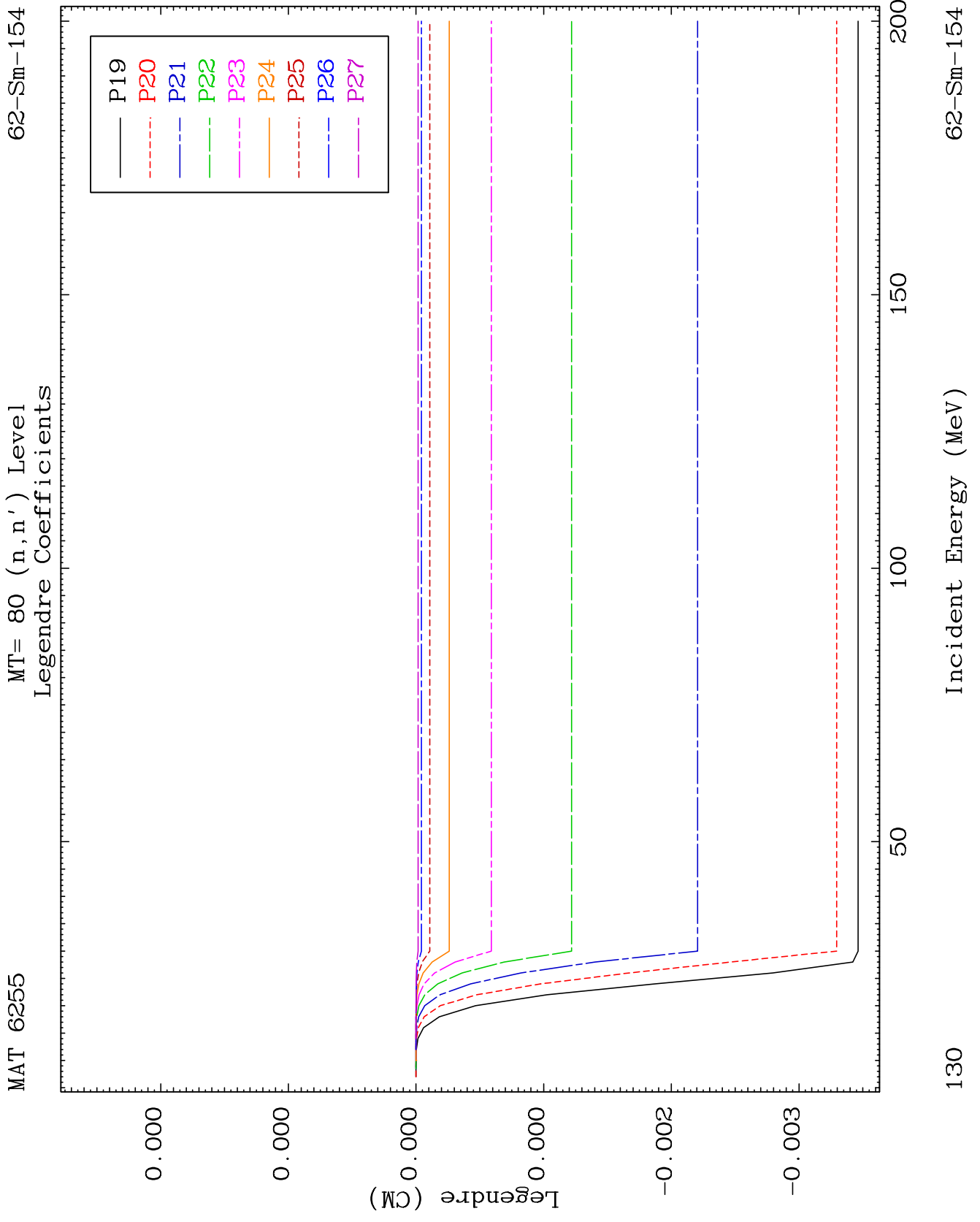
126

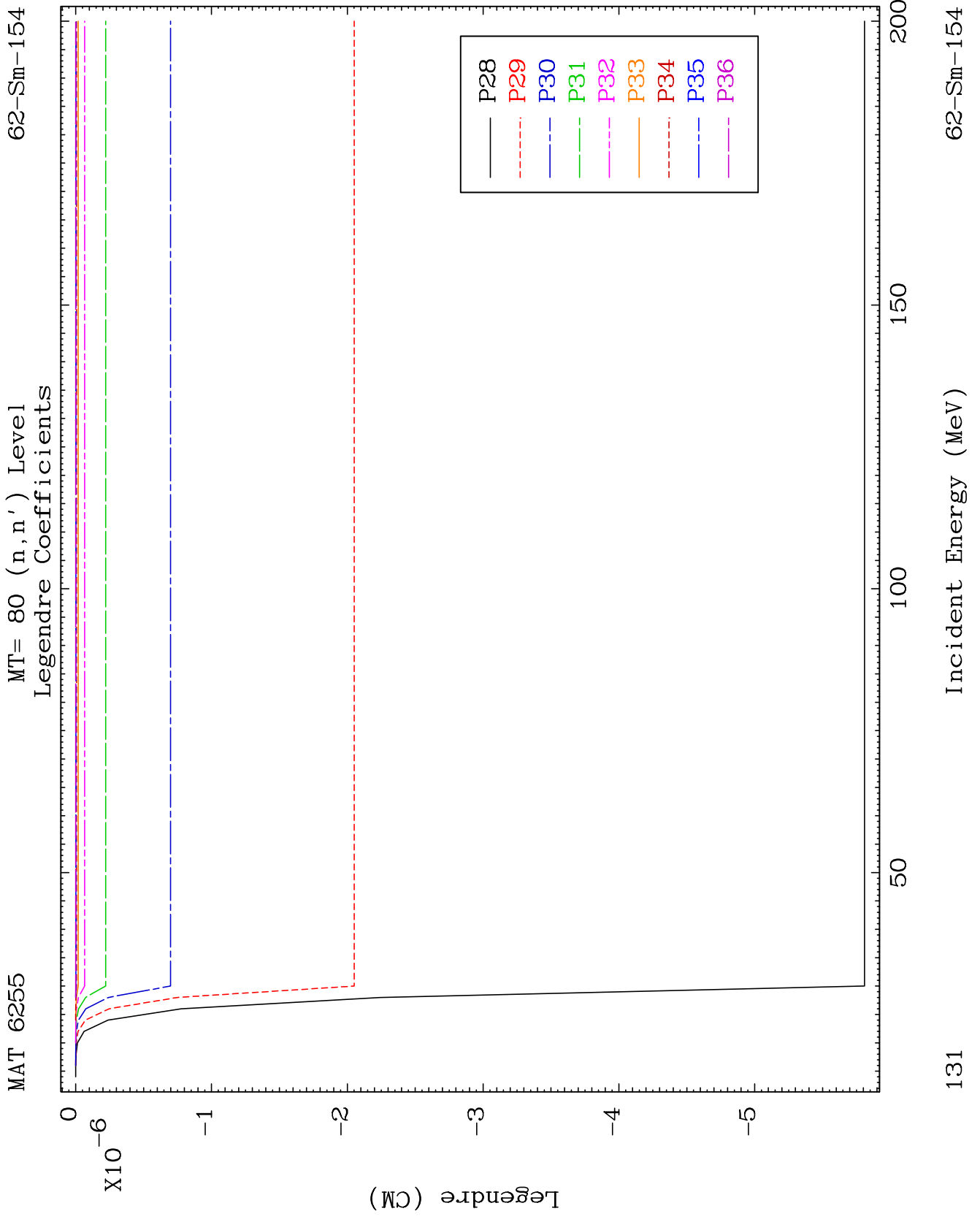
Incident Energy (MeV)

62-Sm-154







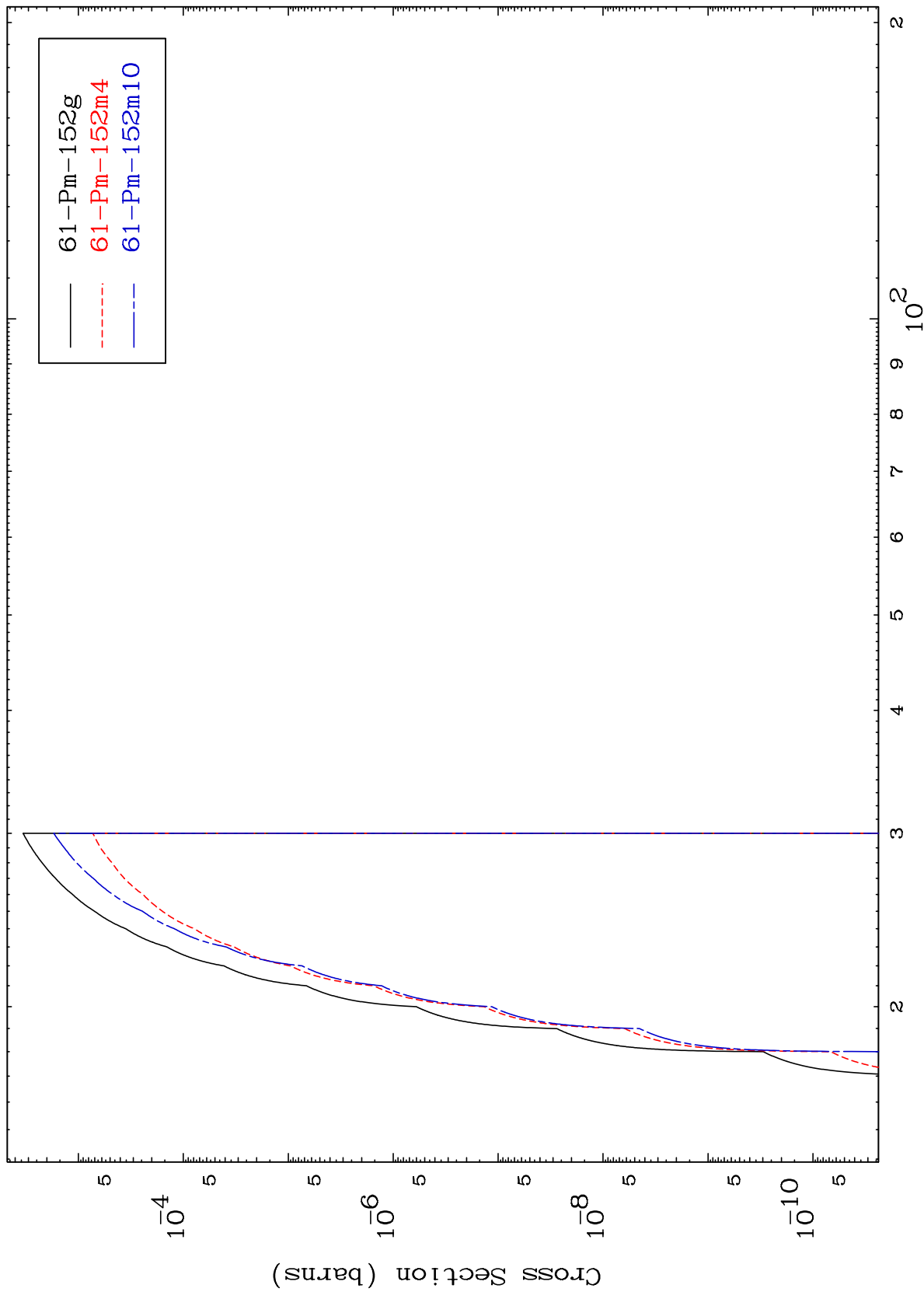


MAT 6255

(n,n') d

62-Sm-154

Radionuclide Production Cross Section

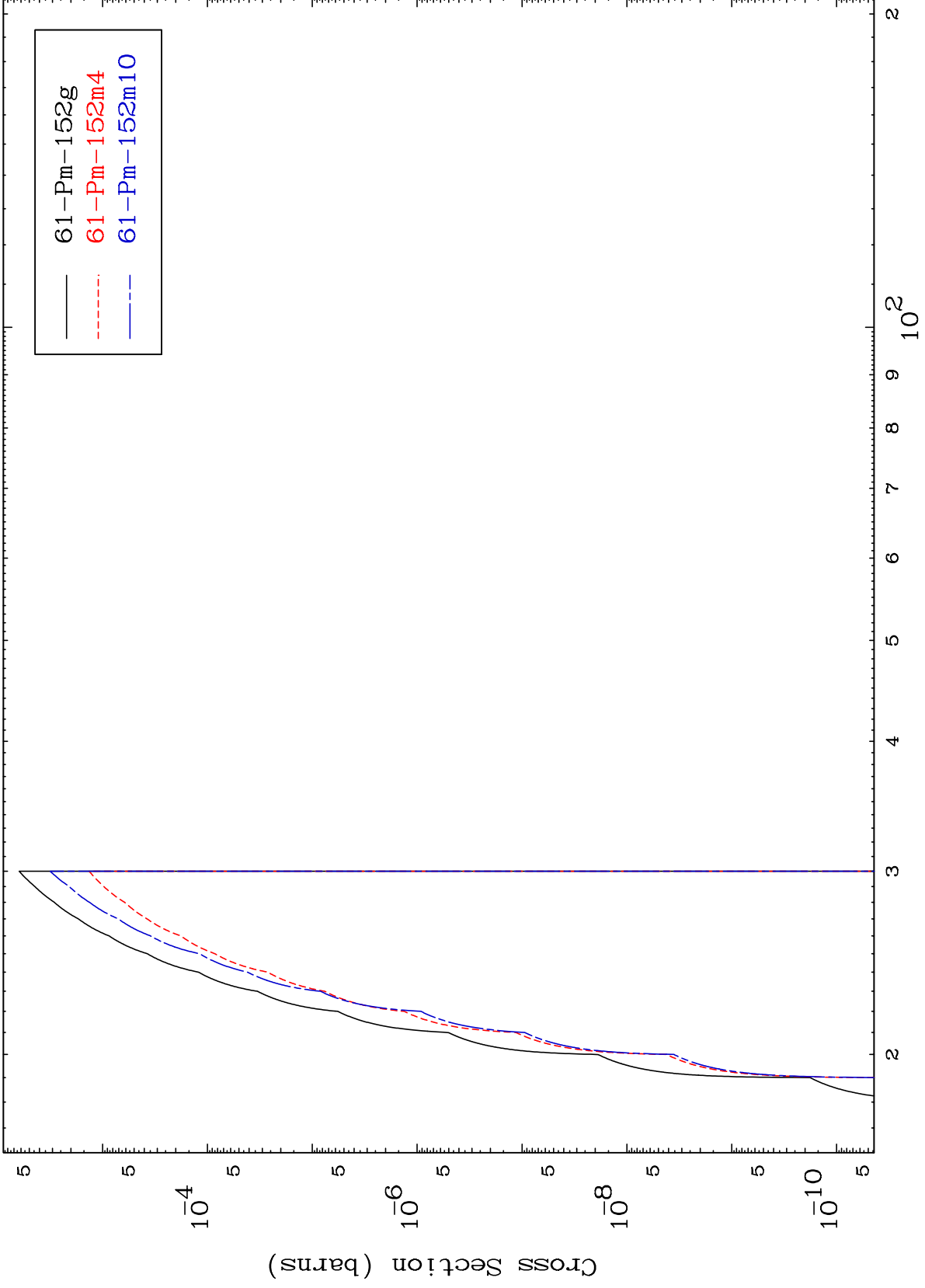


132

Incident Energy (MeV)

62-Sm-154

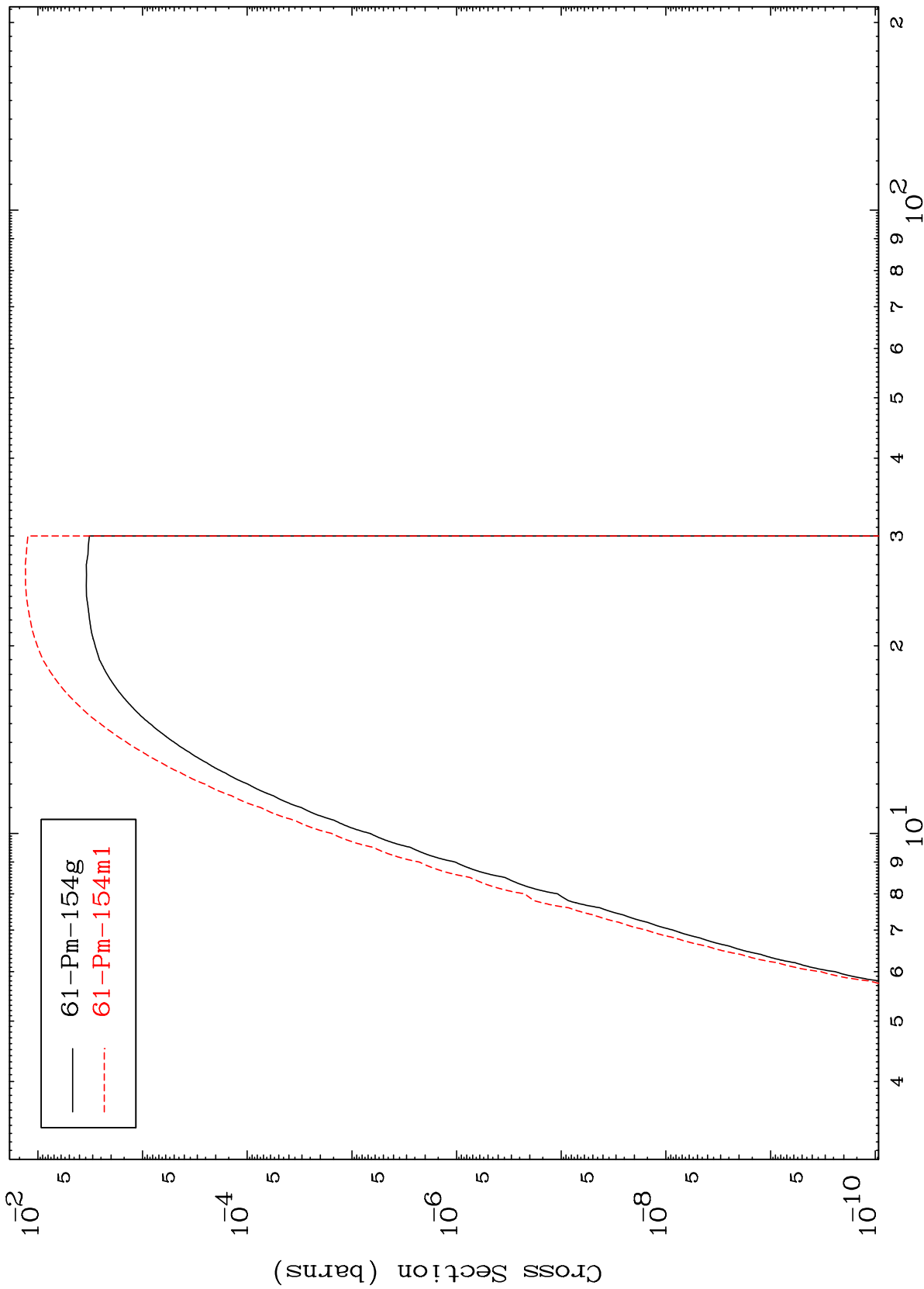
Radionuclide Production Cross Section



MAT 6255

62-Sm-154

(n,p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

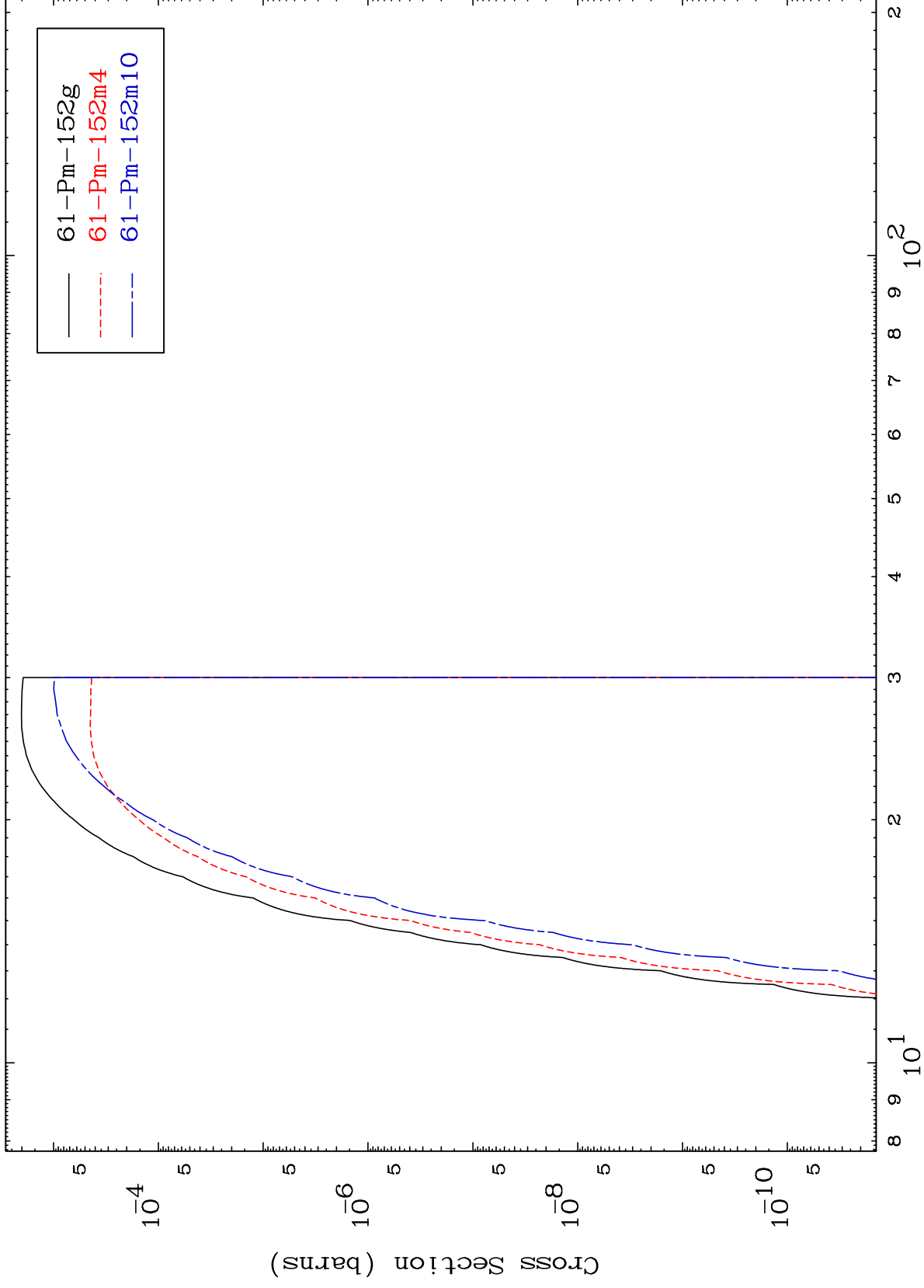
62-Sm-154

MAT 6255

(n, t)

62-Sm-154

Radionuclide Production Cross Section



135

Incident Energy (MeV)

62-Sm-154