

Program EVALPLOT
(Version 2017-1)

by

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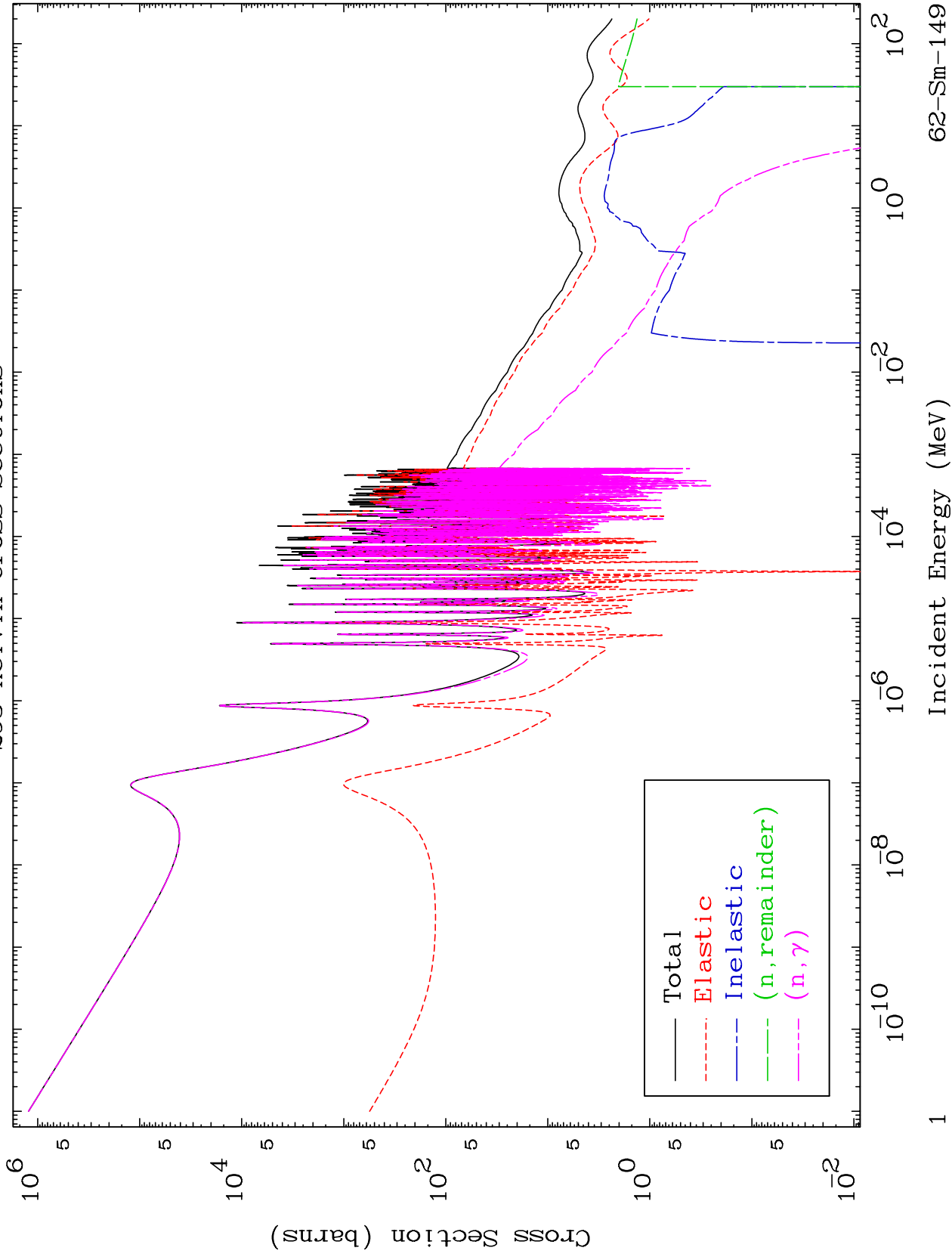
Press Mouse Button to Start

MAT 6240

Major

293 Kelvin Cross Sections

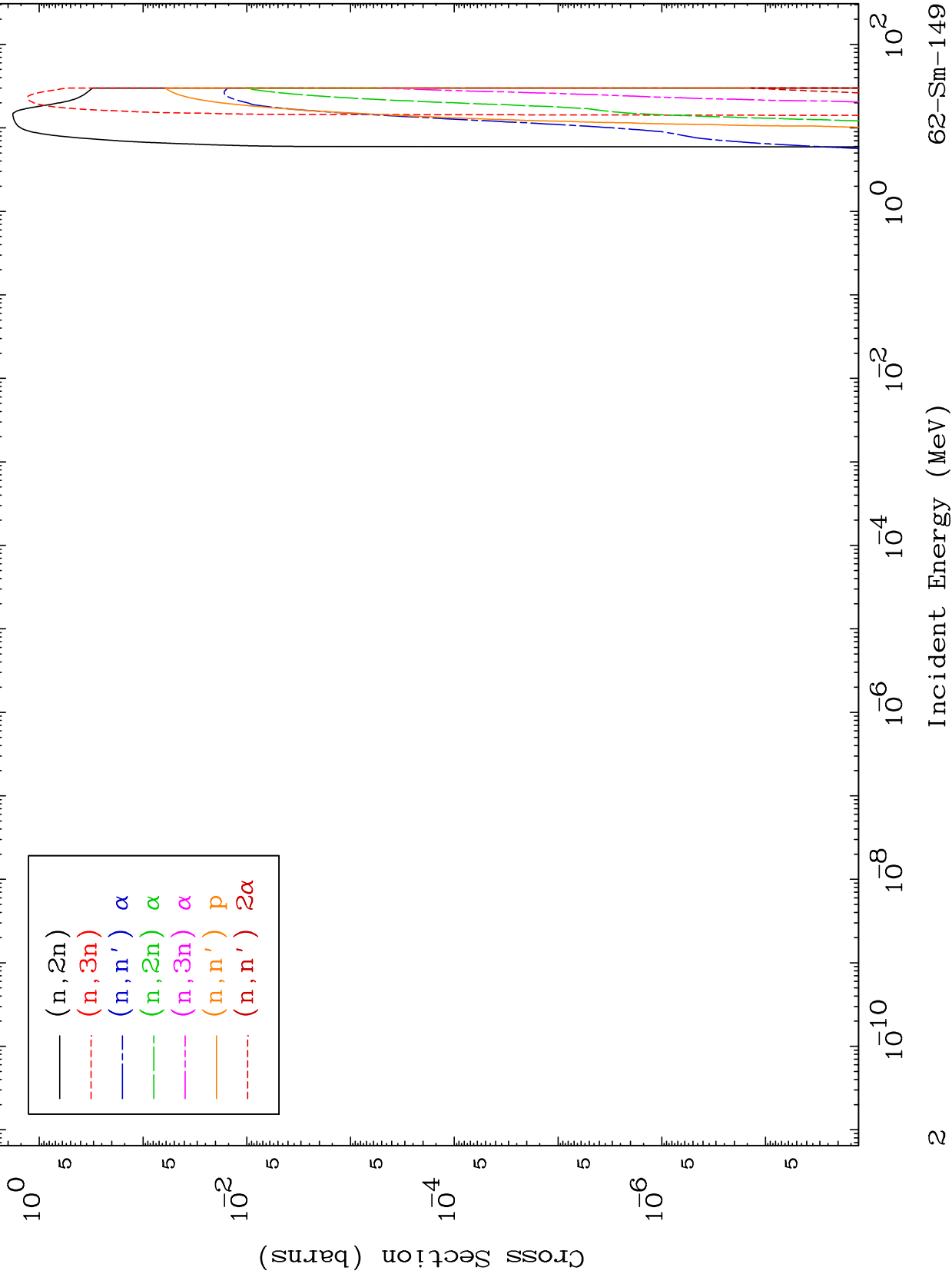
62-Sm-149



MAT 6240

Neutron Production
293 Kelvin Cross Sections

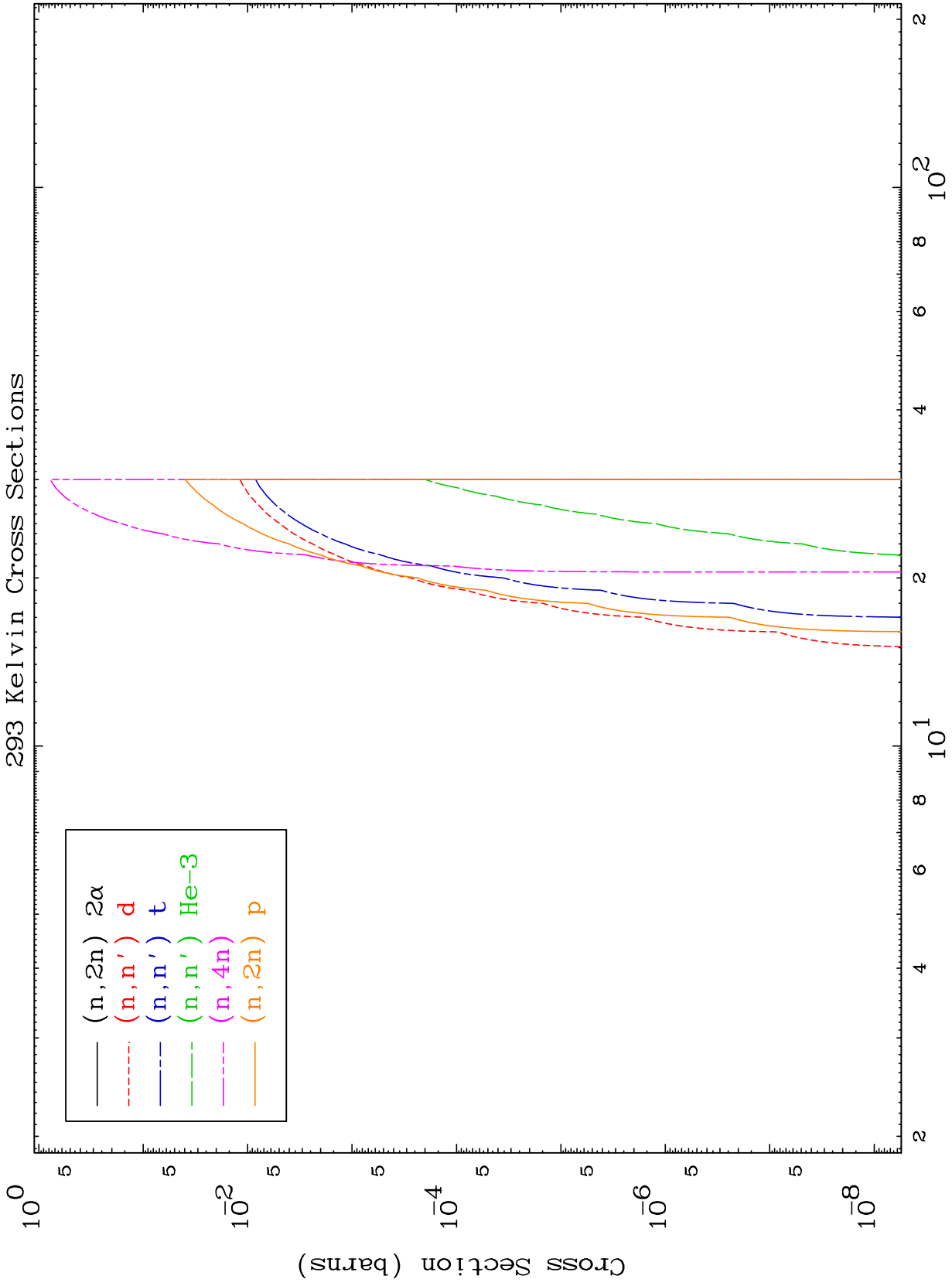
62-Sm-149



MAT 6240

Neutron Production
293 Kelvin Cross Sections

62-Sm-149



3

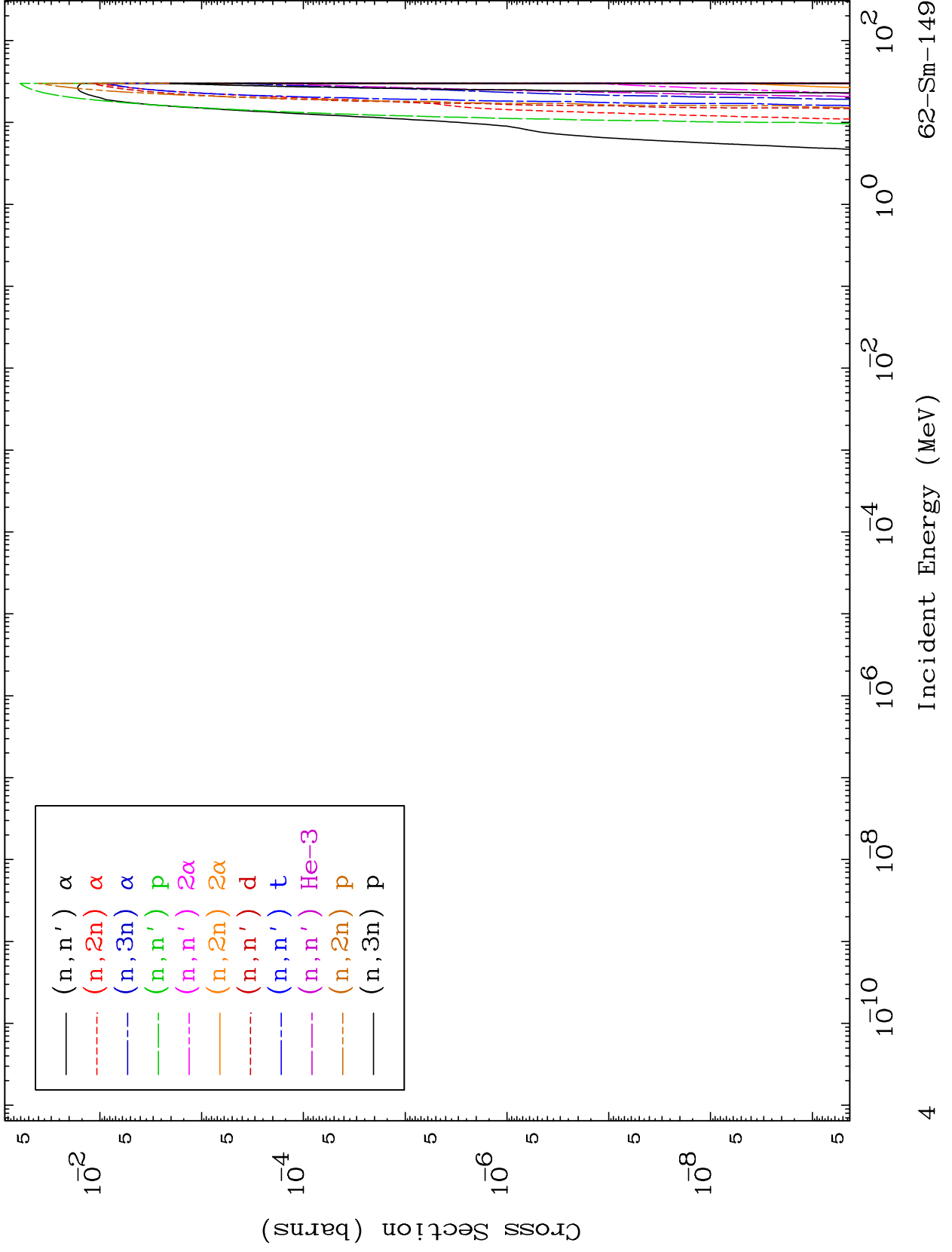
Incident Energy (MeV)

62-Sm-149

MAT 6240

Charged Particle
293 Kelvin Cross Sections

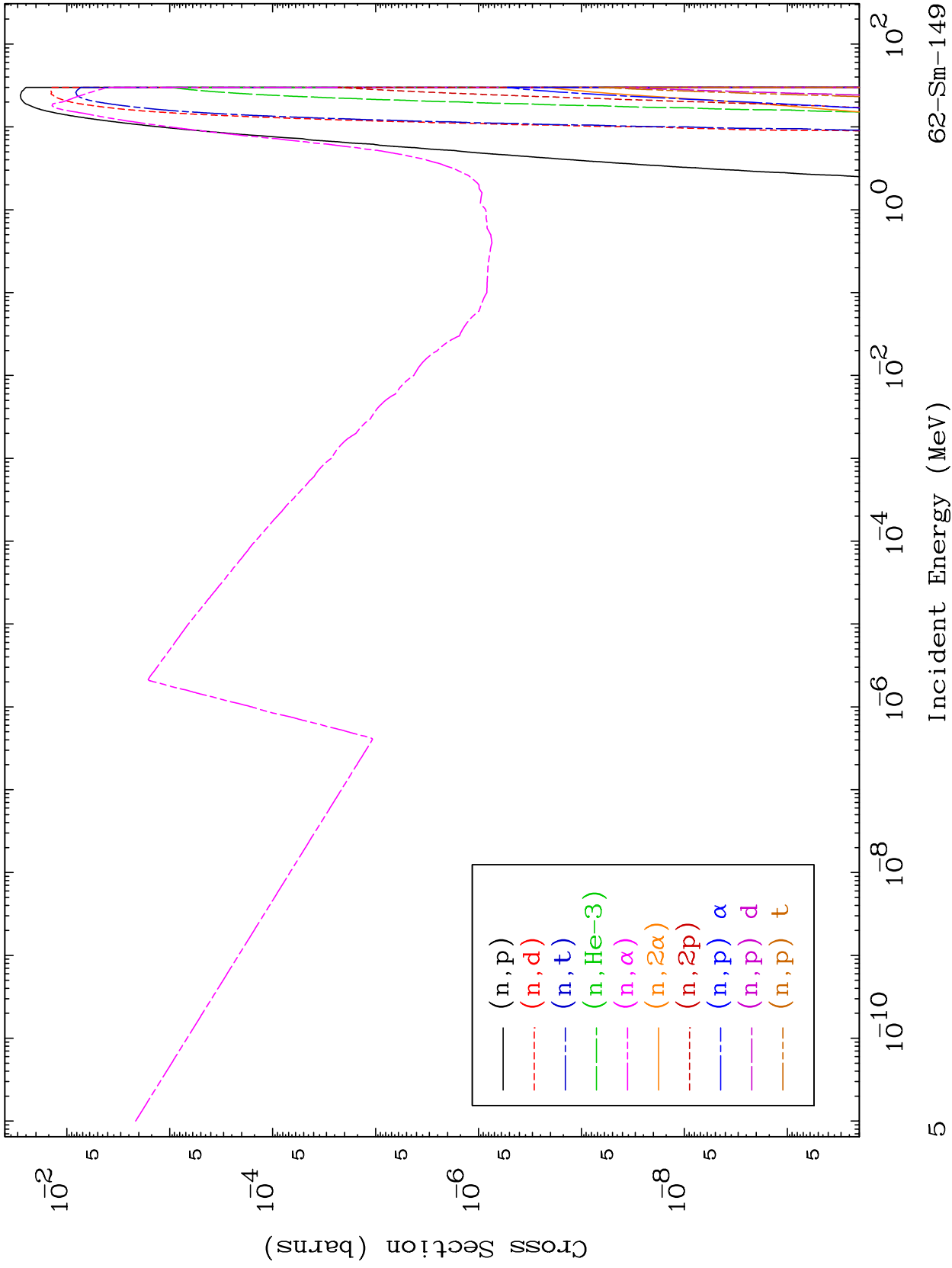
62-Sm-149



MAT 6240

Charged Particle
293 Kelvin Cross Sections

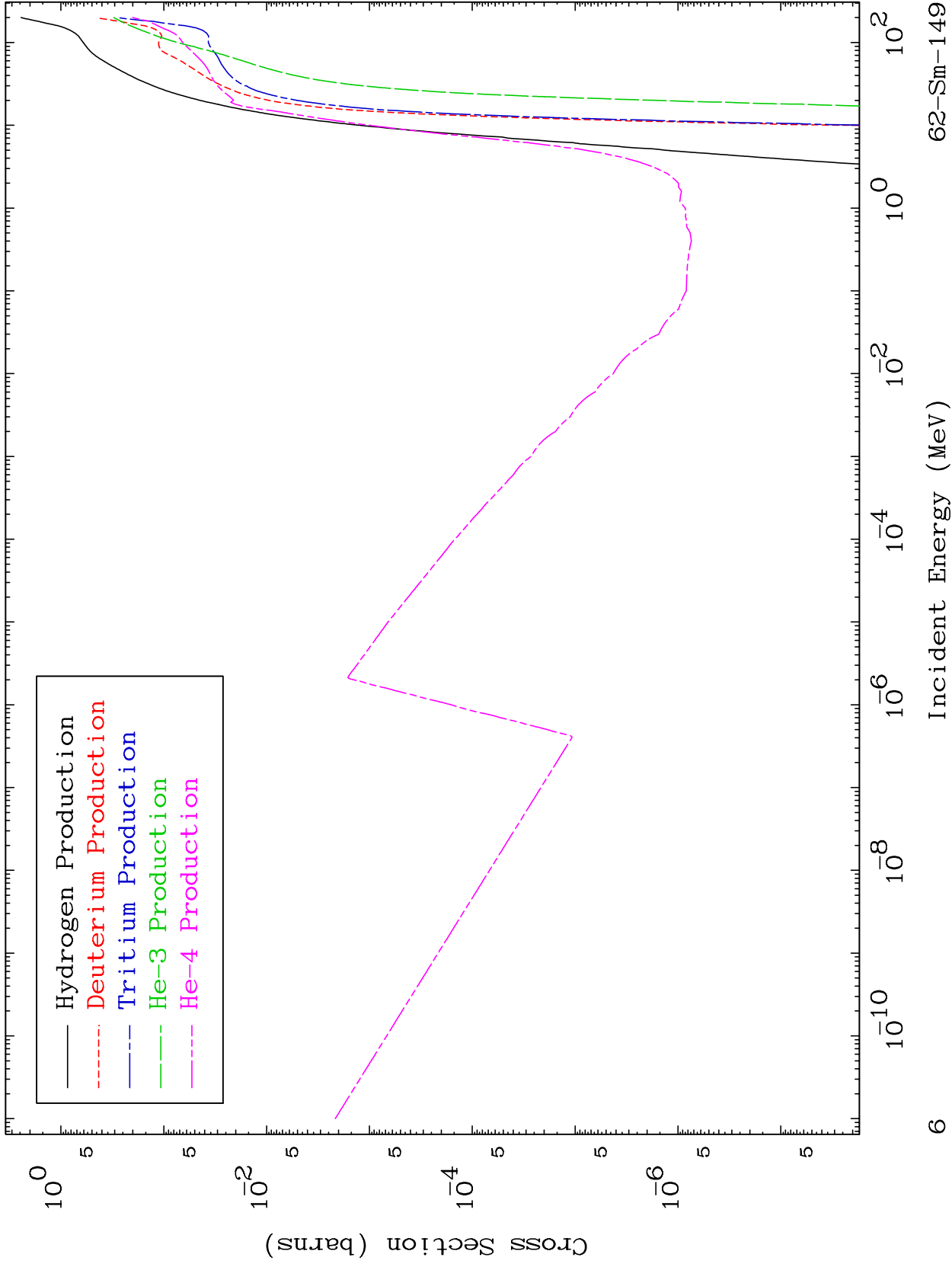
62-Sm-149



MAT 6240

Particle Production
293 Kelvin Cross Sections

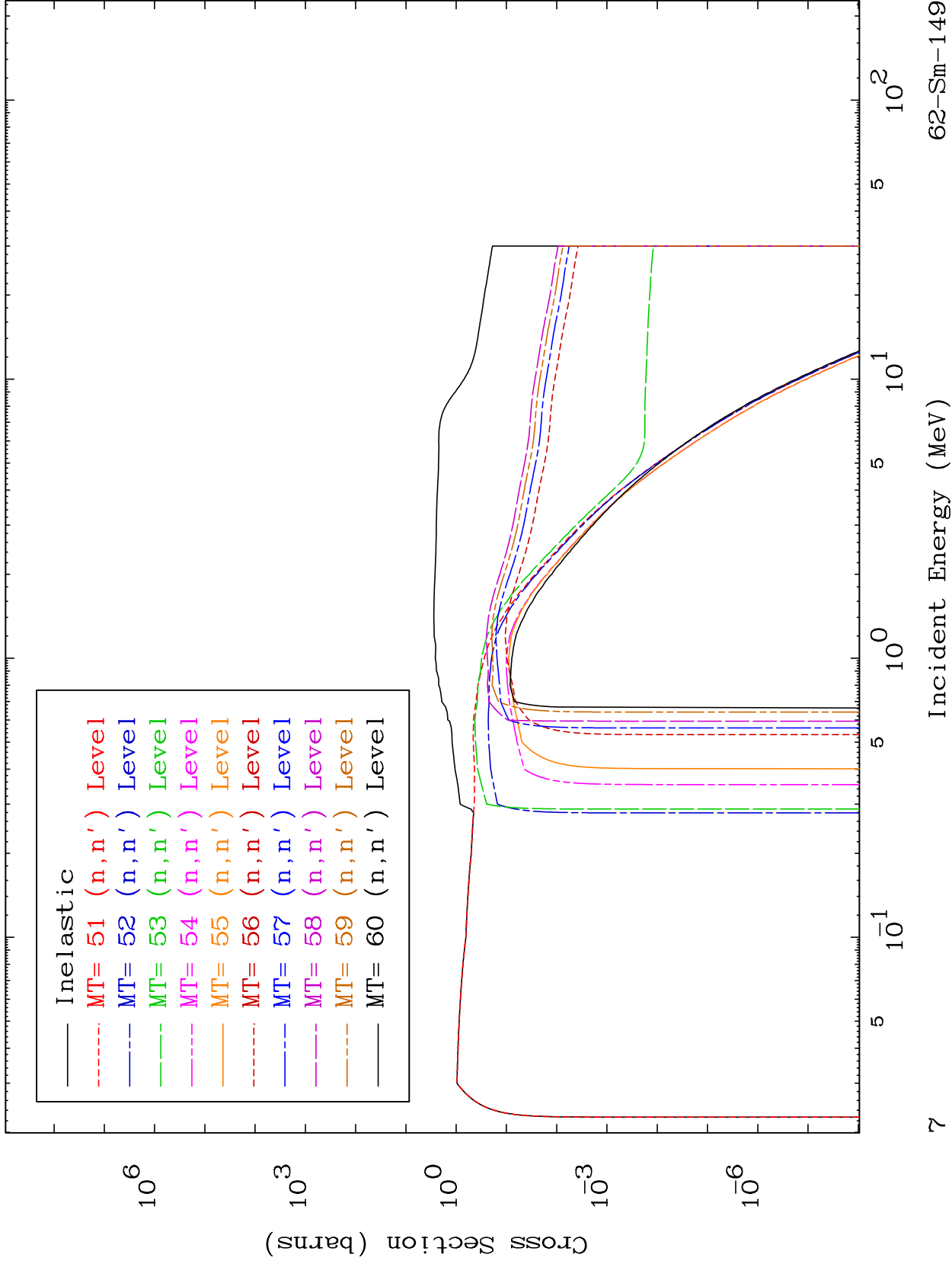
62-Sm-149



MAT 6240

(n,n') Level
293 Kelvin Cross Sections

62-Sm-149

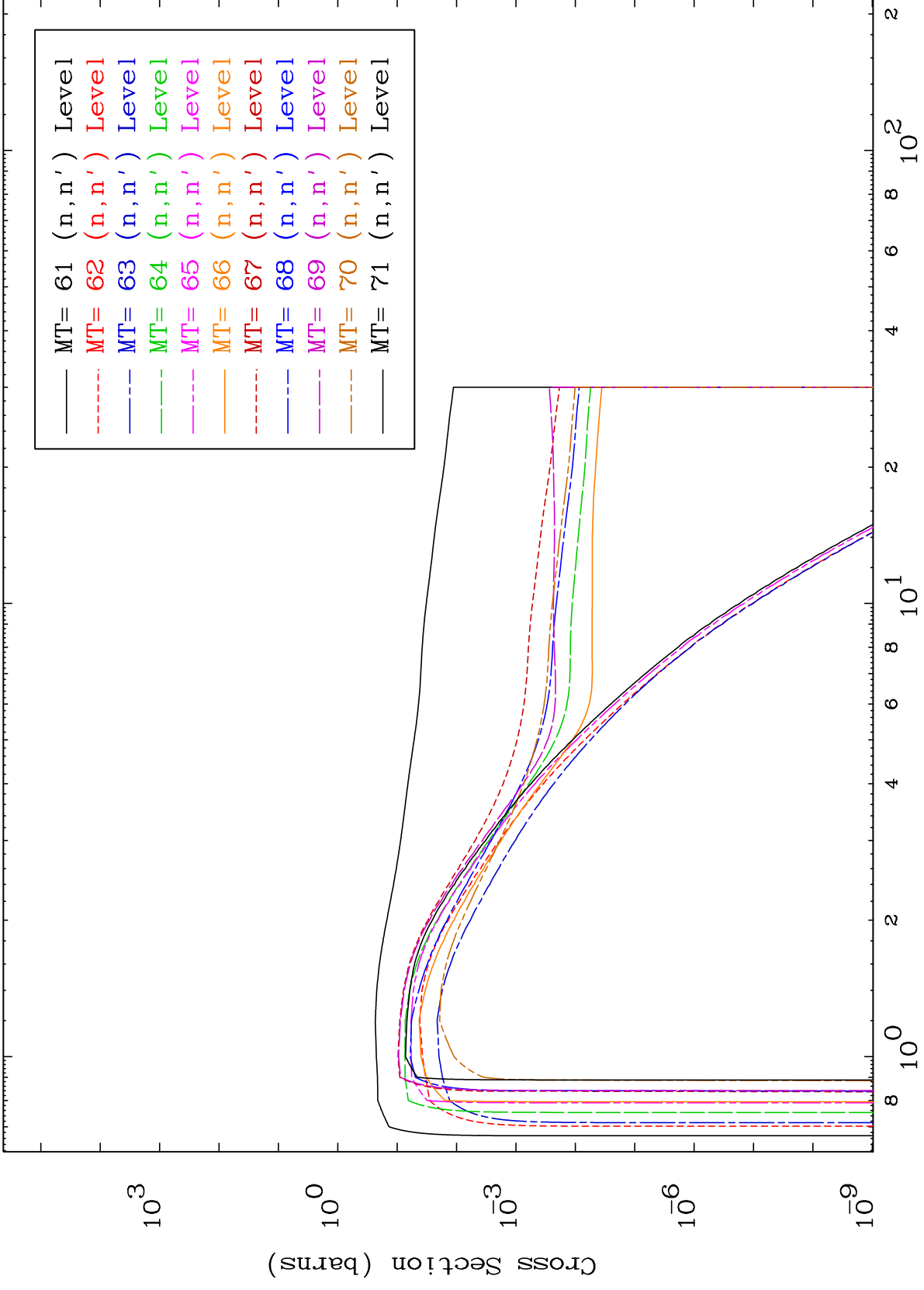


MAT 6240

(n,n') Level

62-Sm-149

293 Kelvin Cross Sections



8

Incident Energy (MeV)

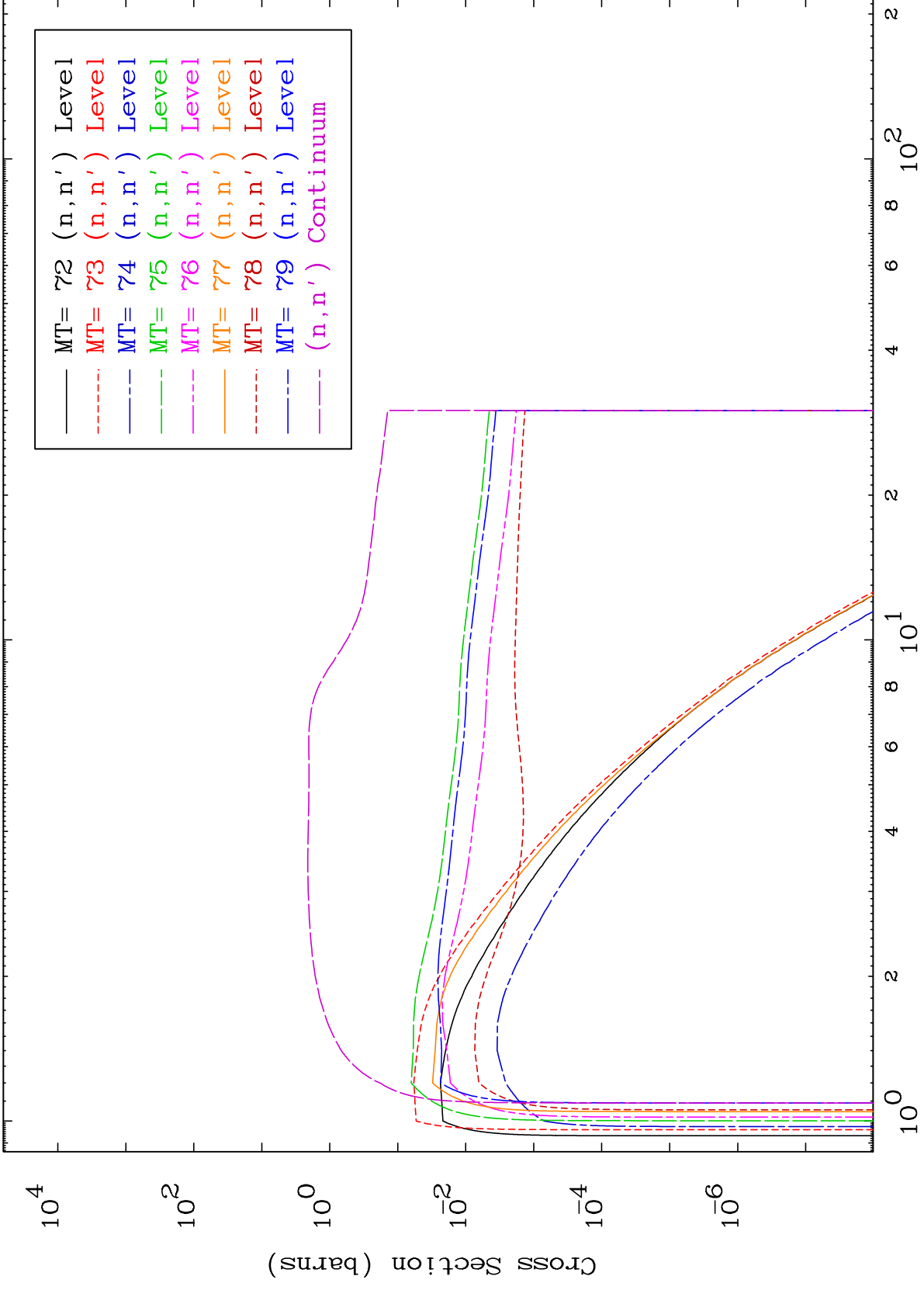
62-Sm-149

MAT 6240

(n,n') Level

62-Sm-149

293 Kelvin Cross Sections



9

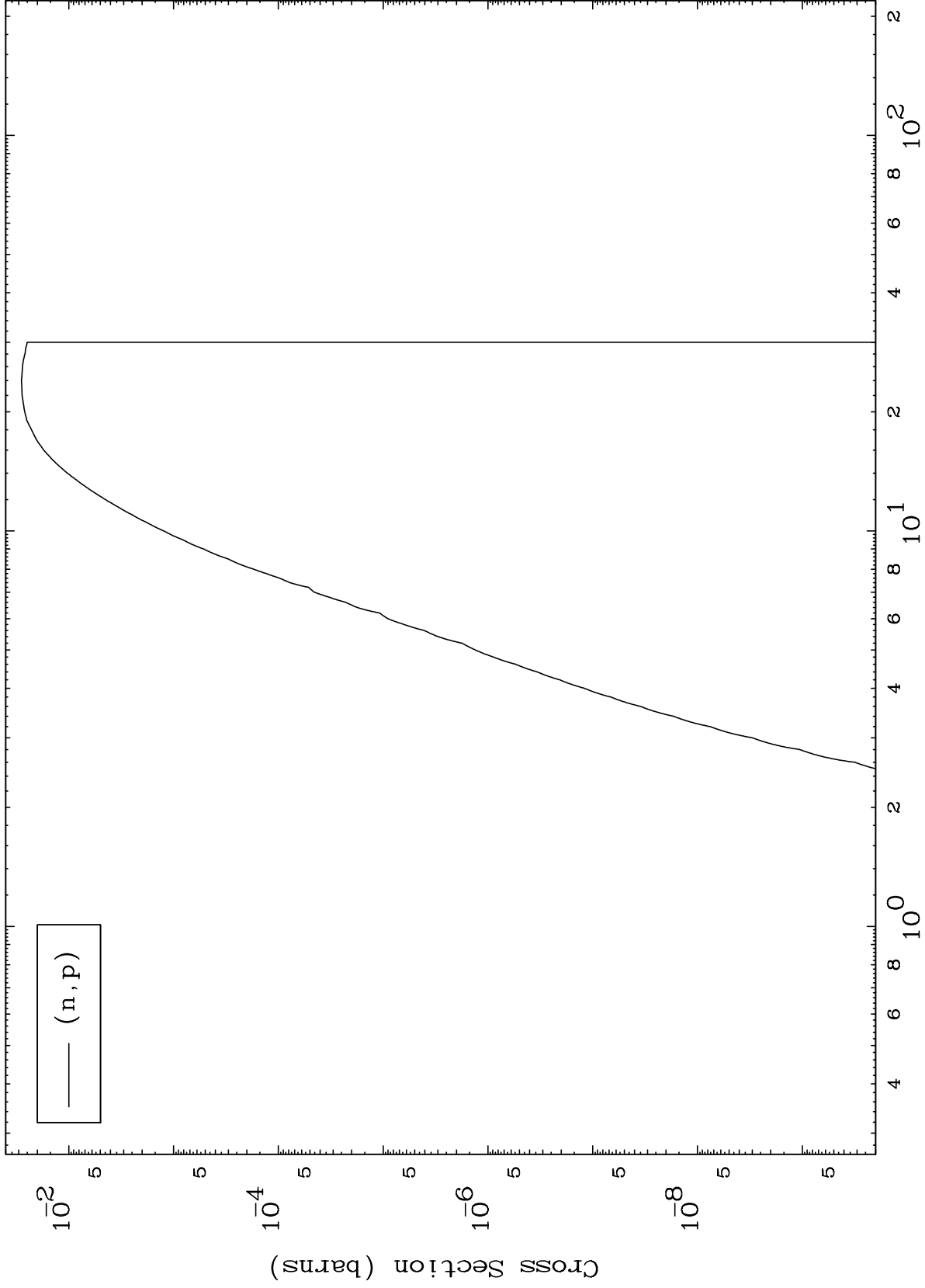
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-149



10

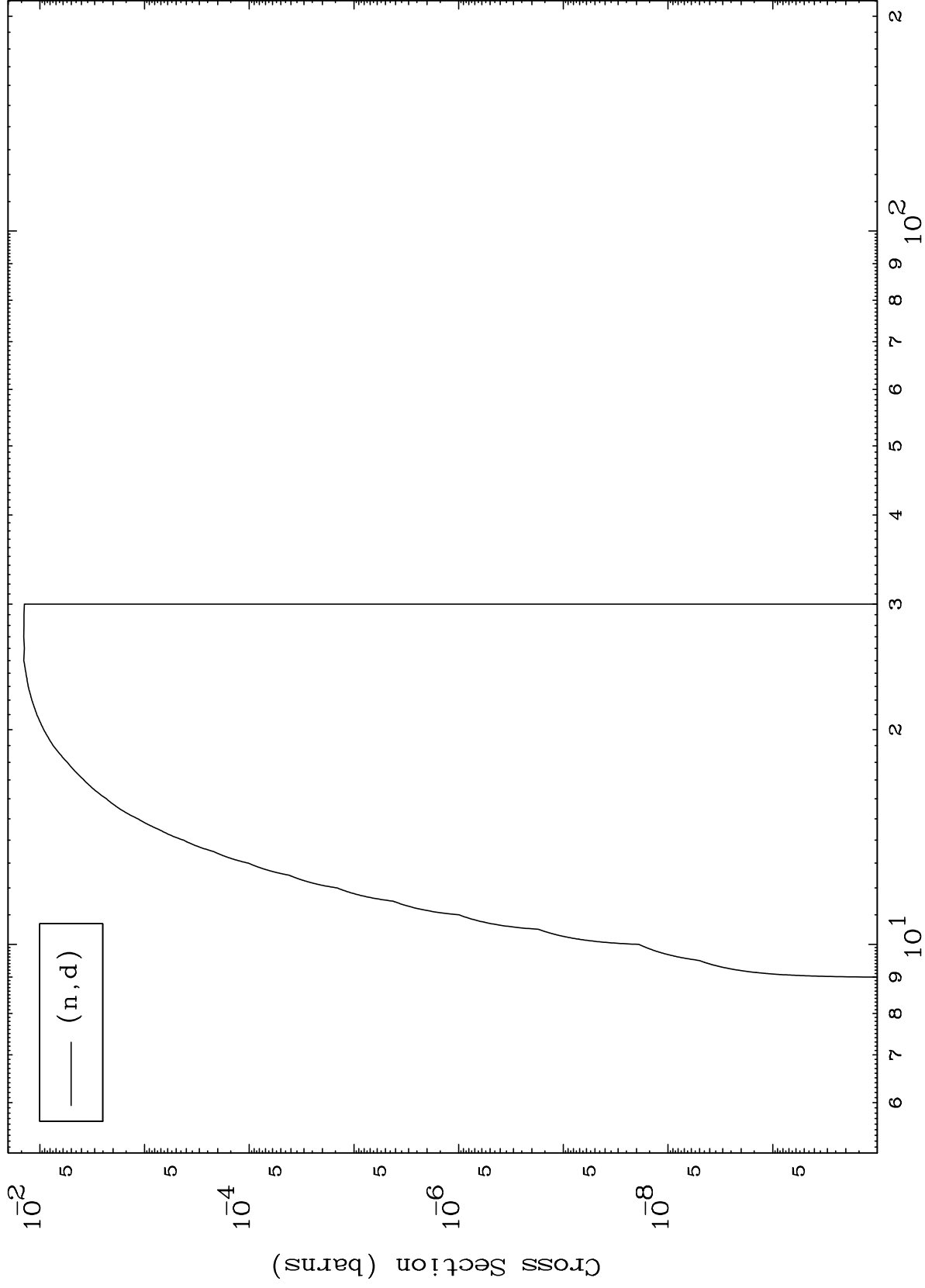
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-149



11

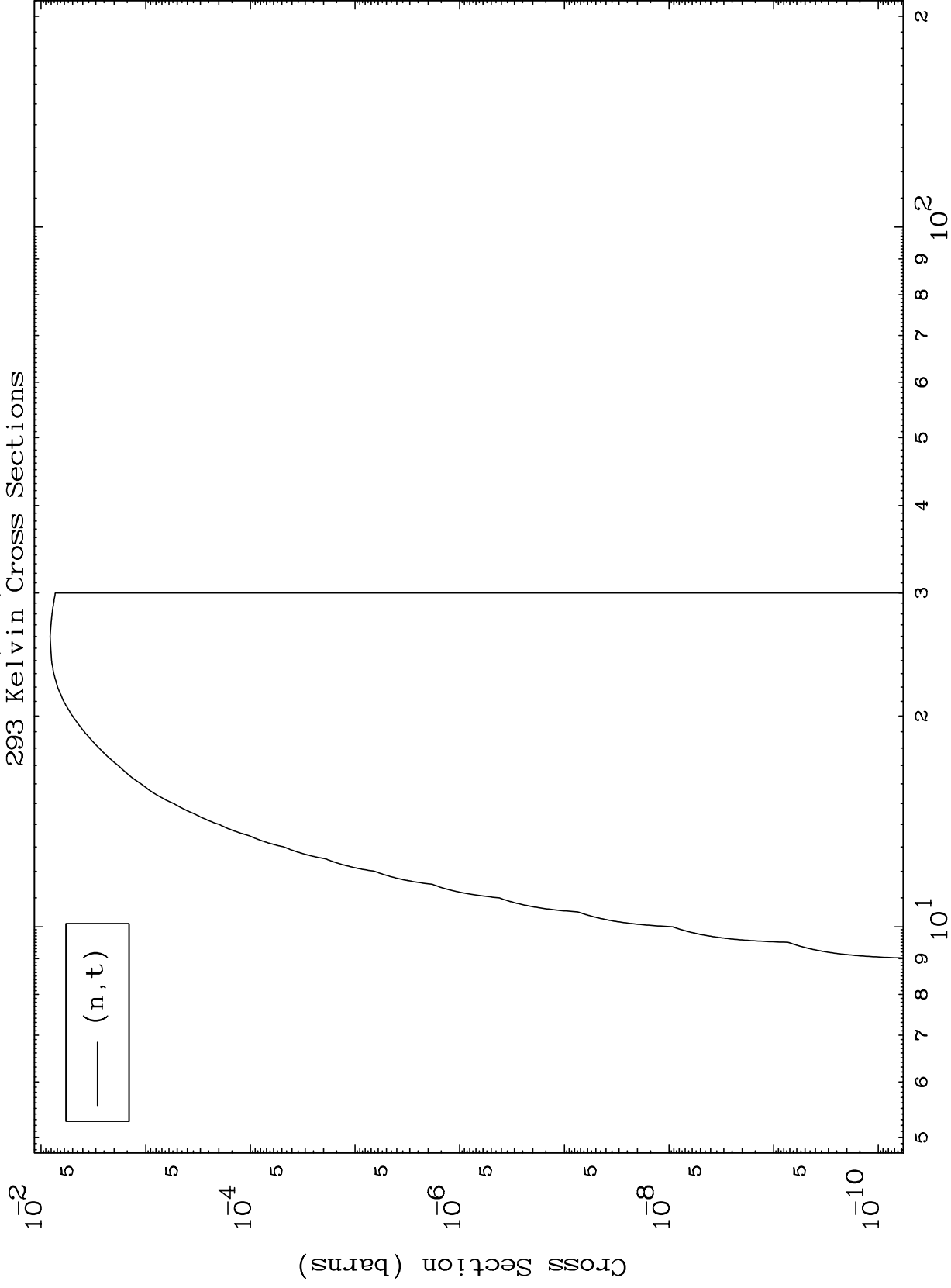
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-149



12

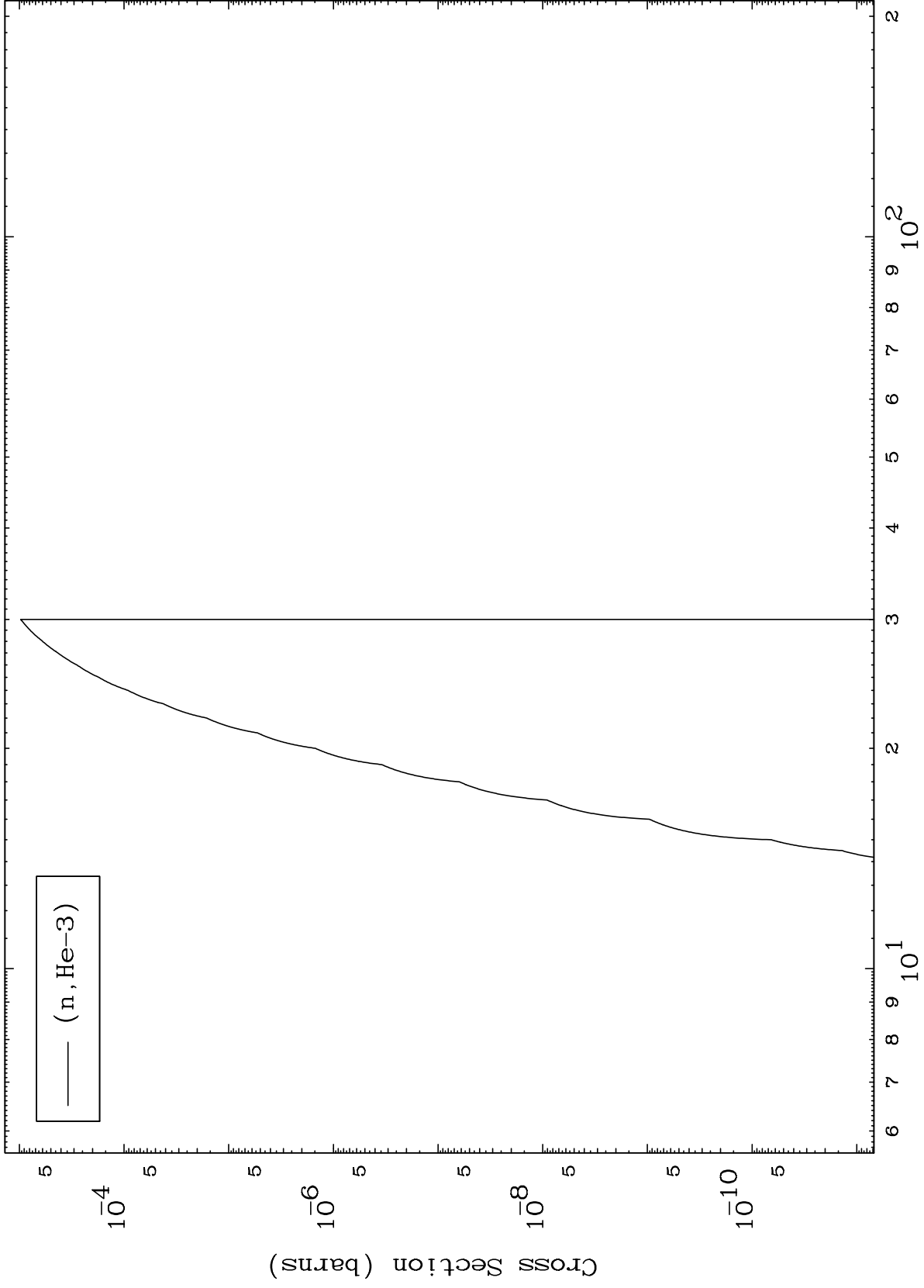
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-149



13

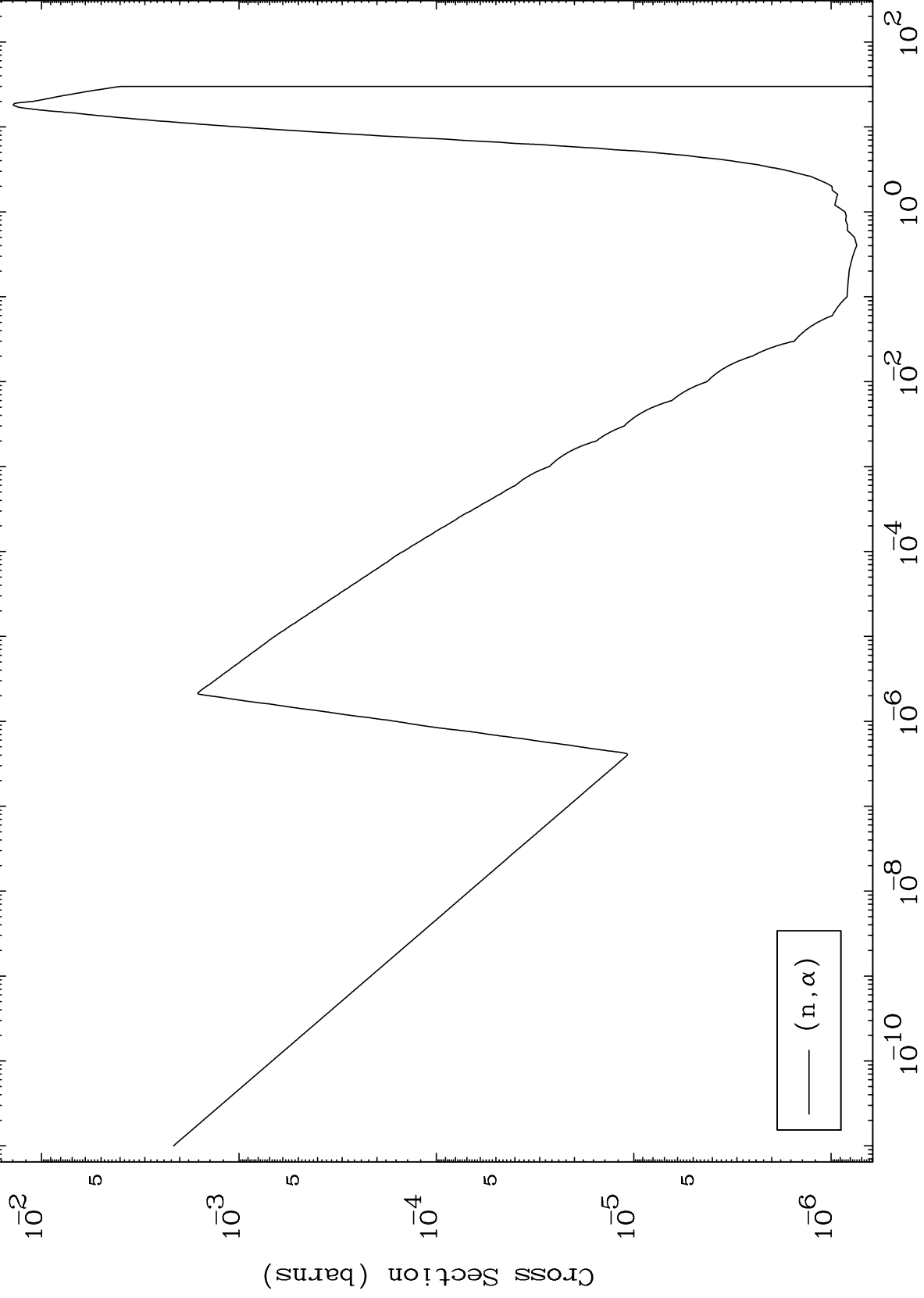
Incident Energy (MeV)

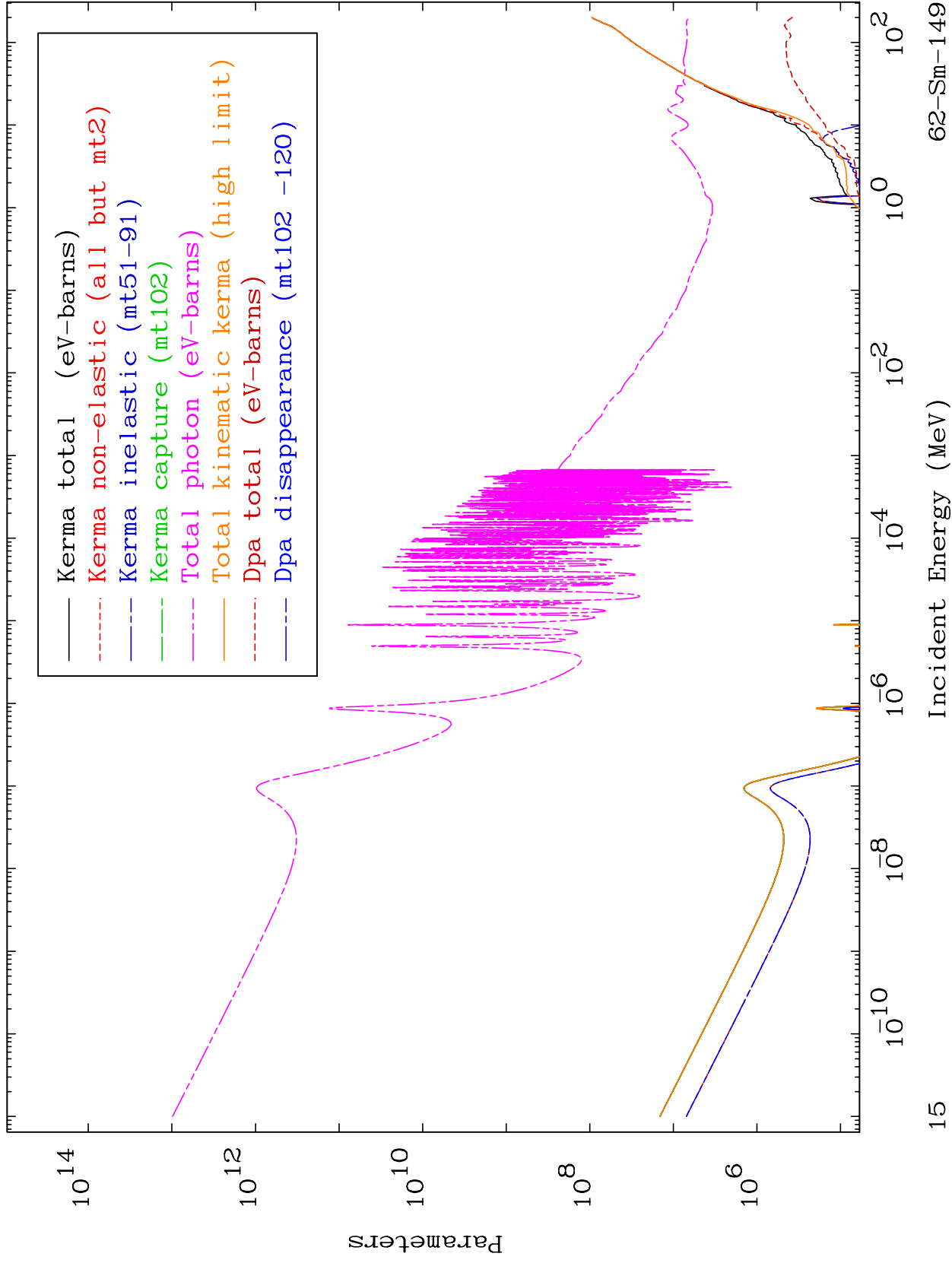
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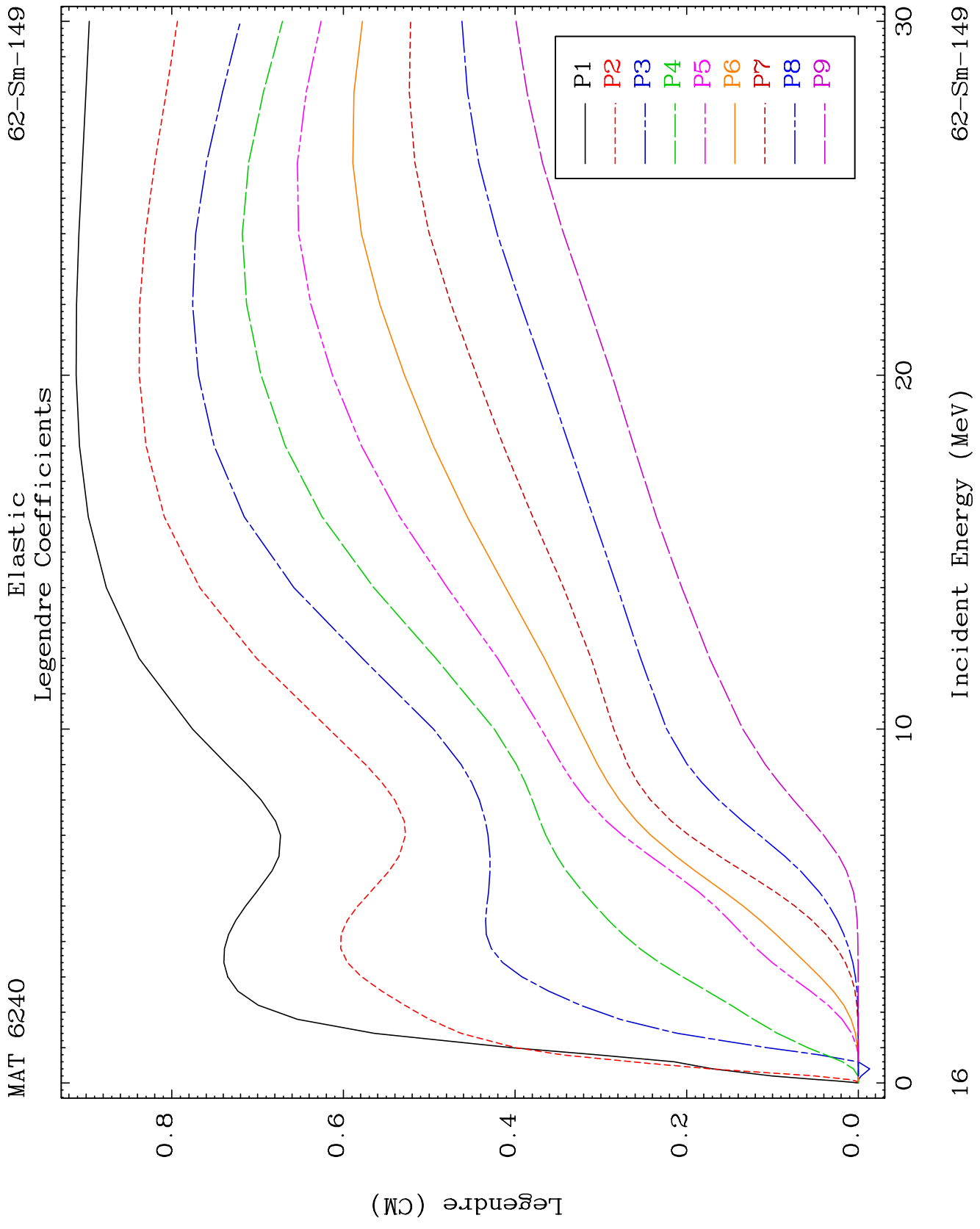
MAT 6240

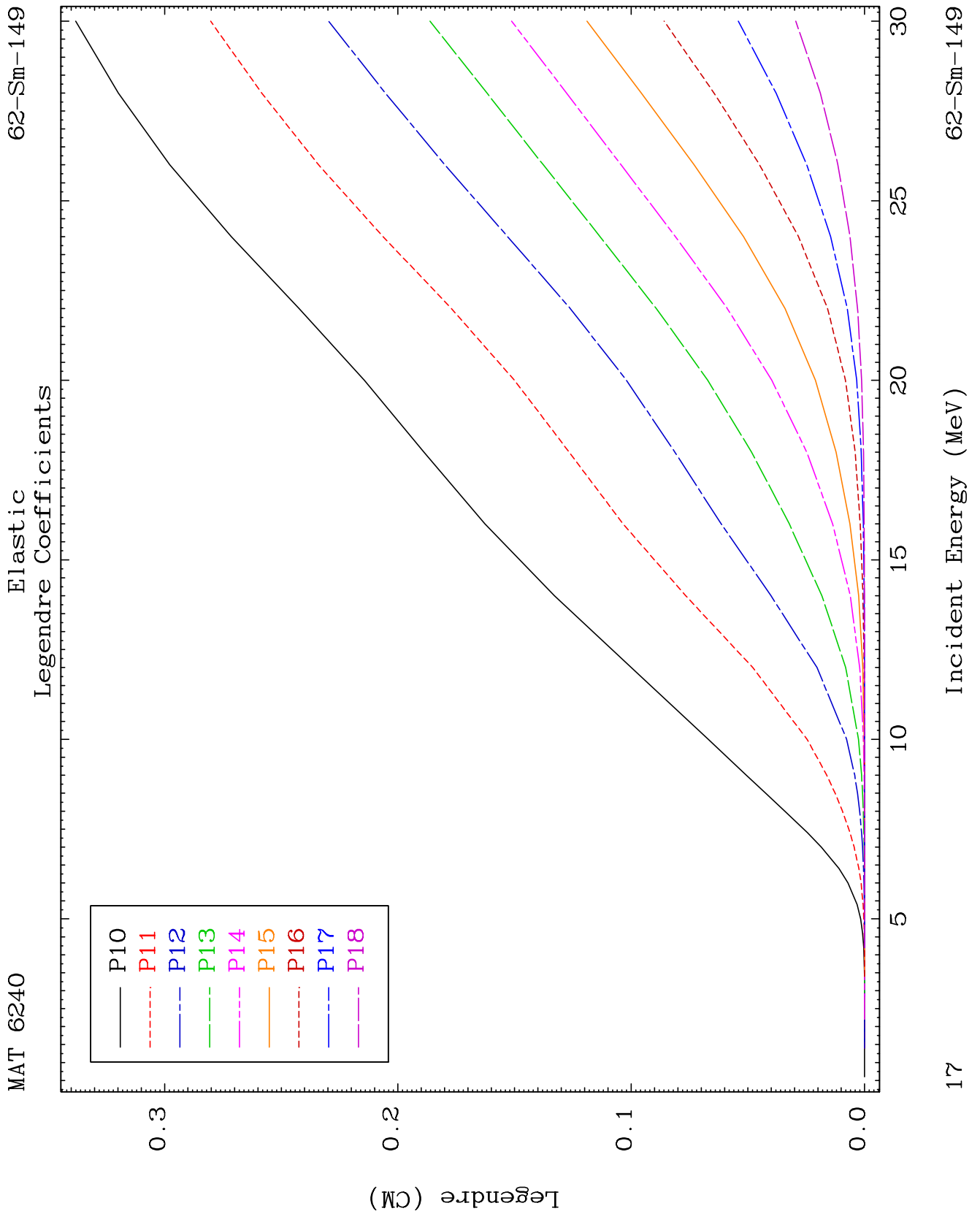
(n, α) Levels
293 Kelvin Cross Sections

62-Sm-149





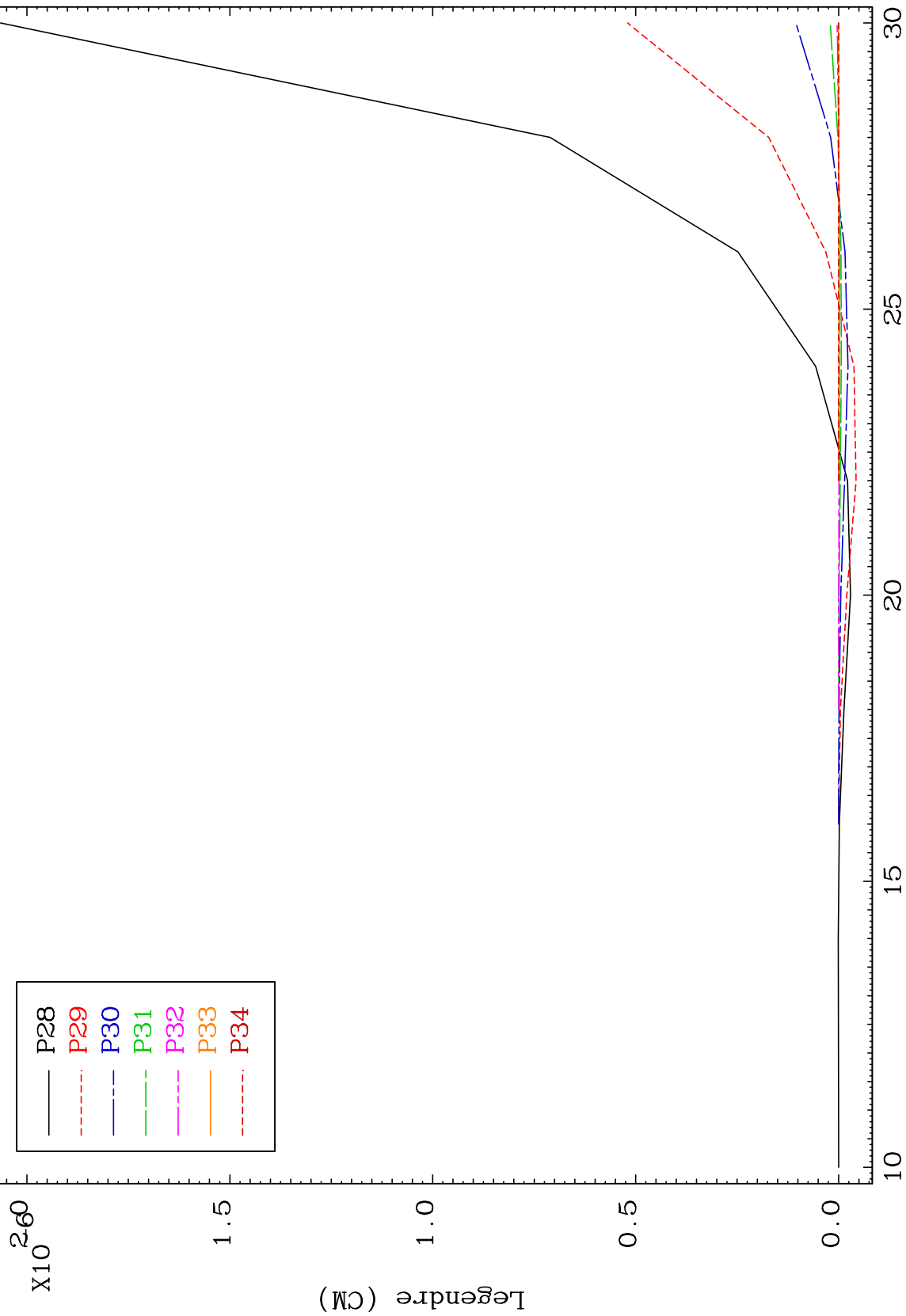




MAT 6240

Elastic Legendre Coefficients

62-Sm-149



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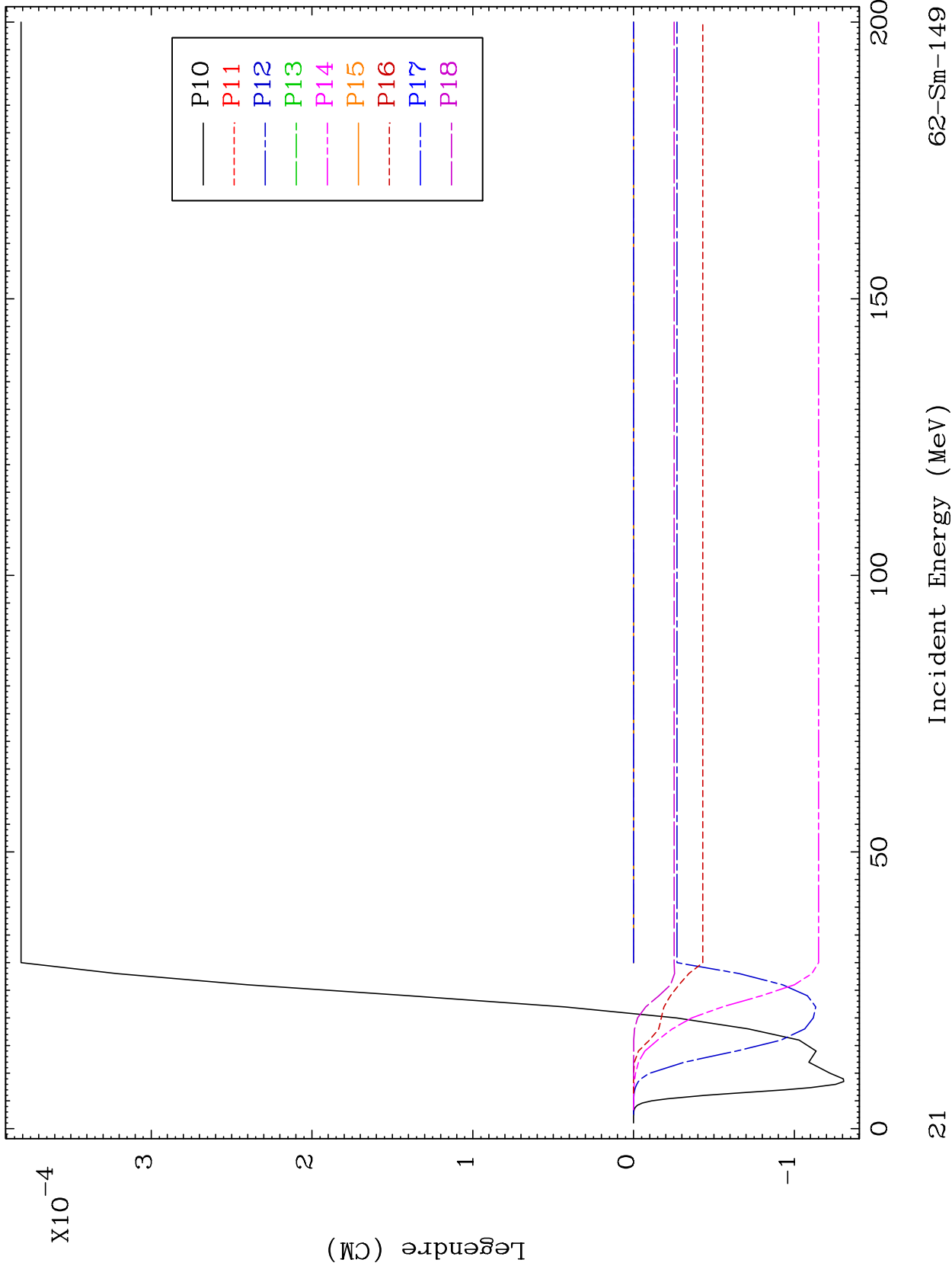
Incident Energy (MeV)

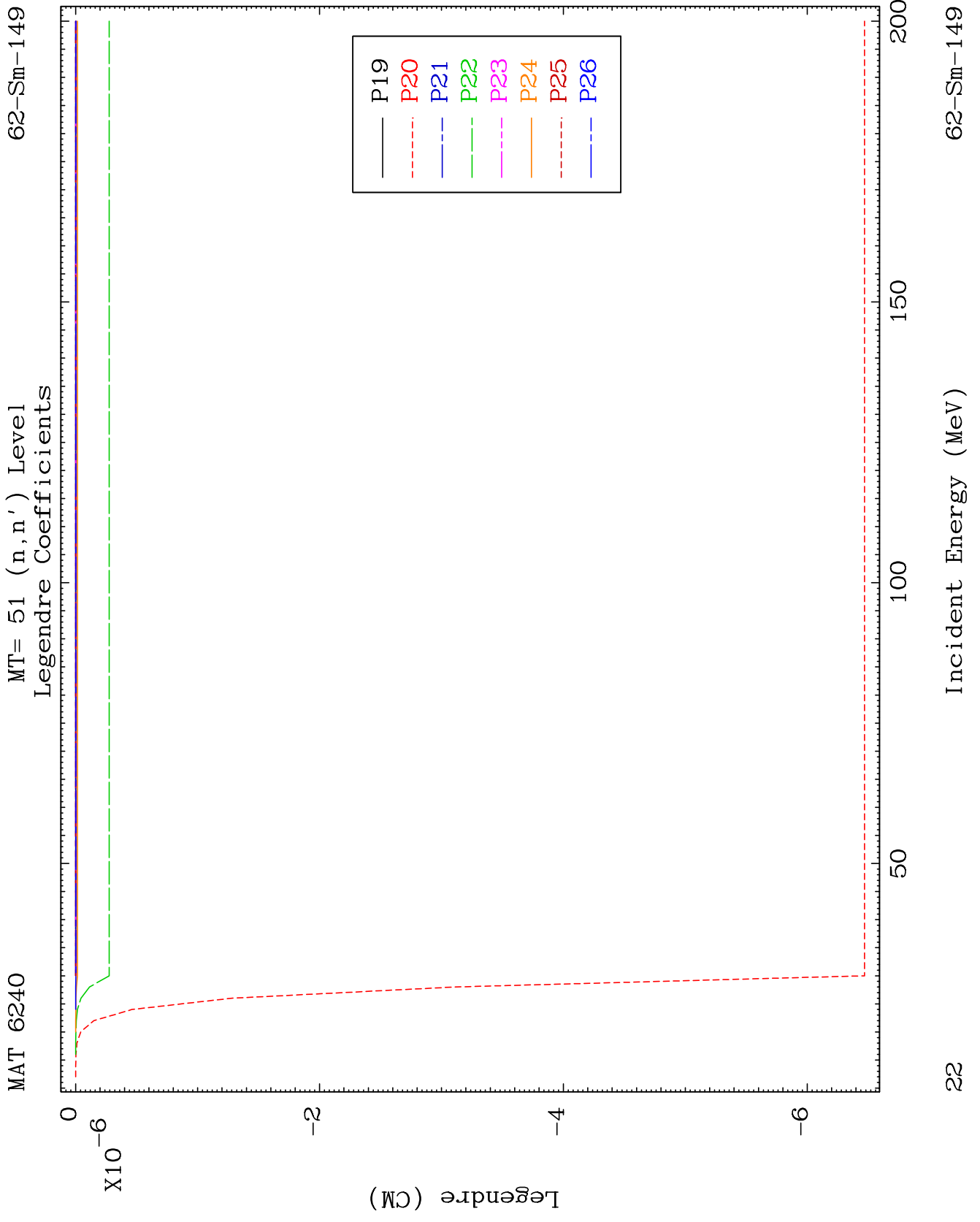
62-Sm-149

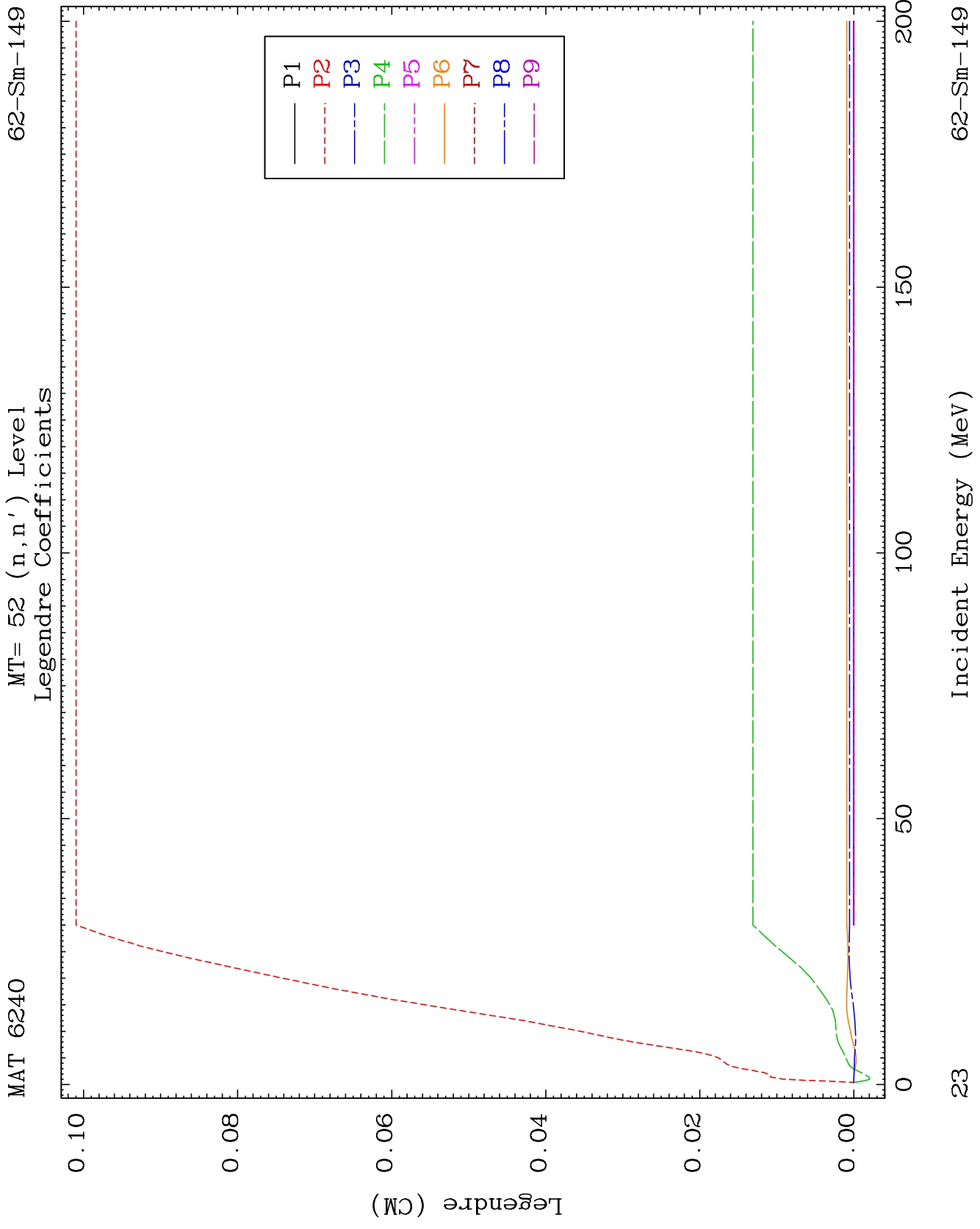
MAT 6240

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

62-Sm-149



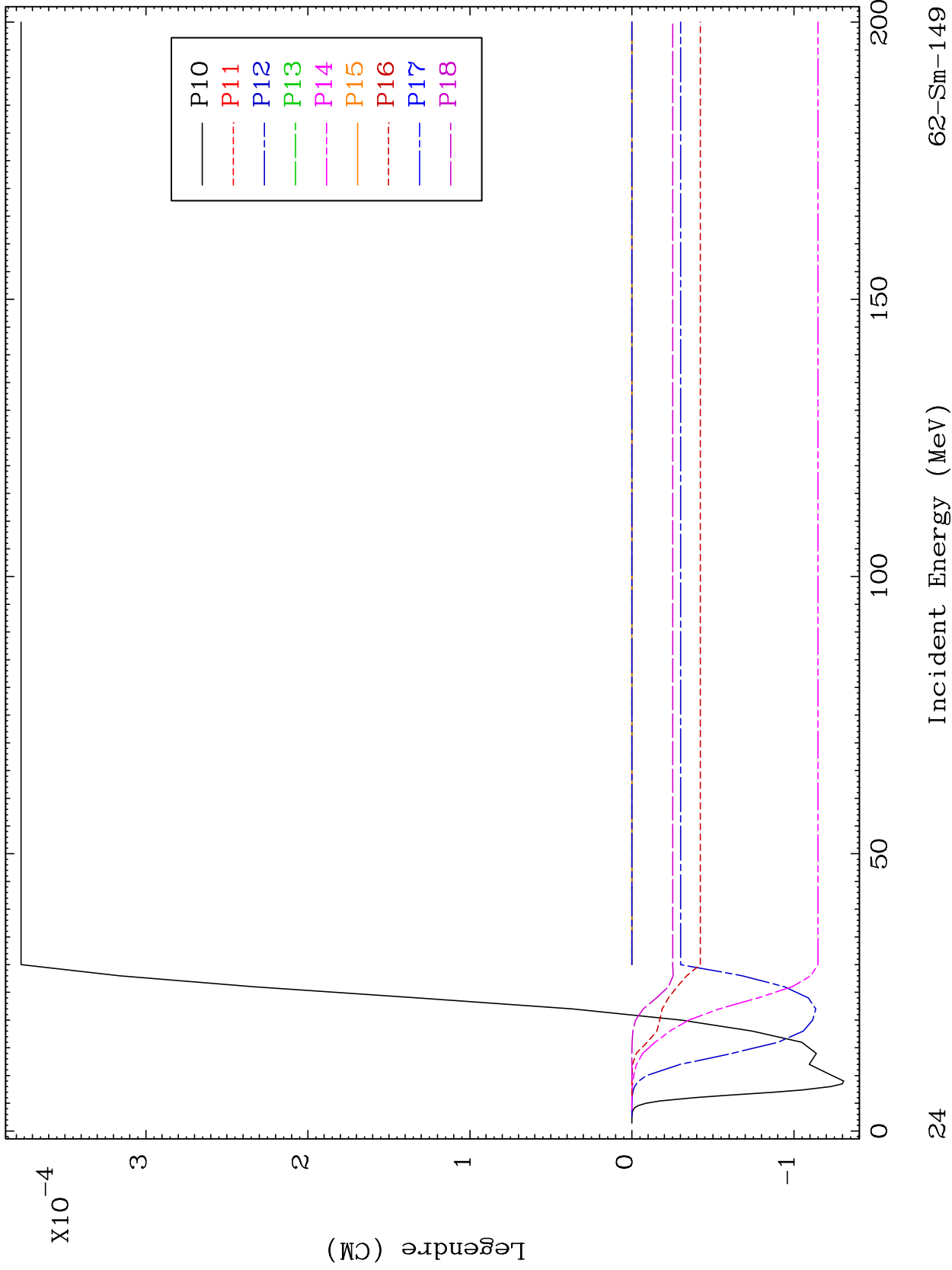




MAT 6240

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

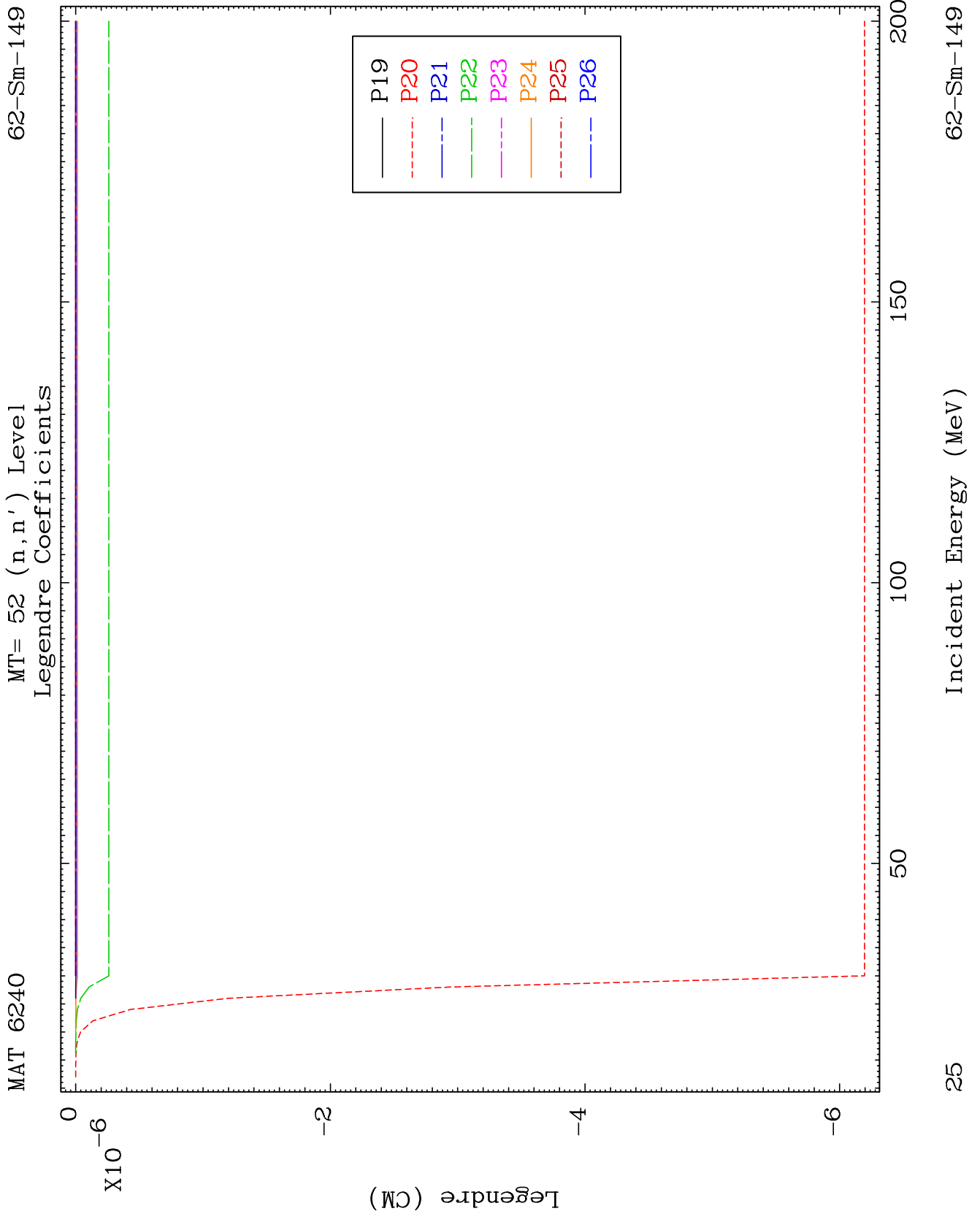
62-Sm-149



62-Sm-149

Incident Energy (MeV)

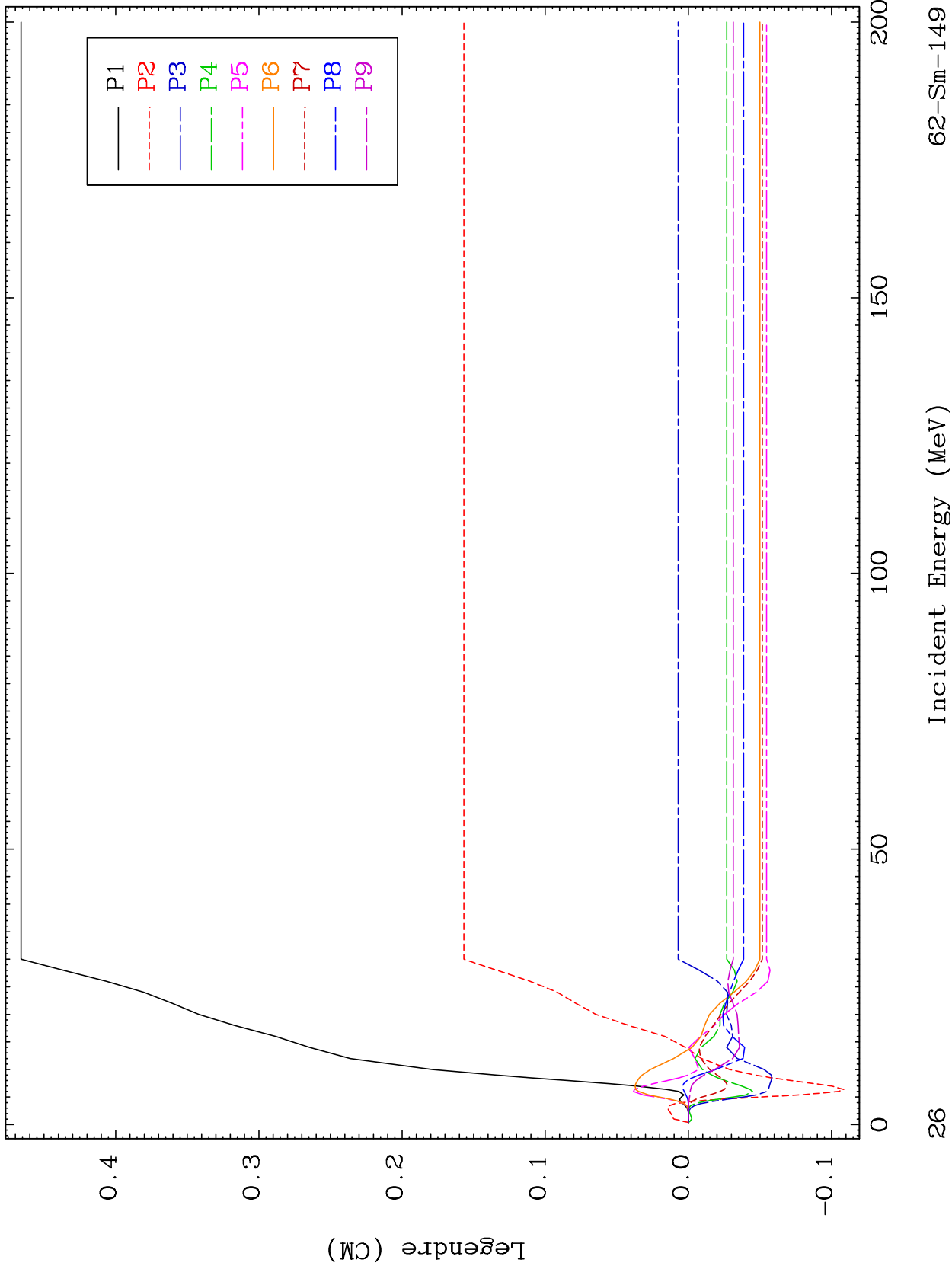
24



MAT 6240

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

62-Sm-149



62-Sm-149

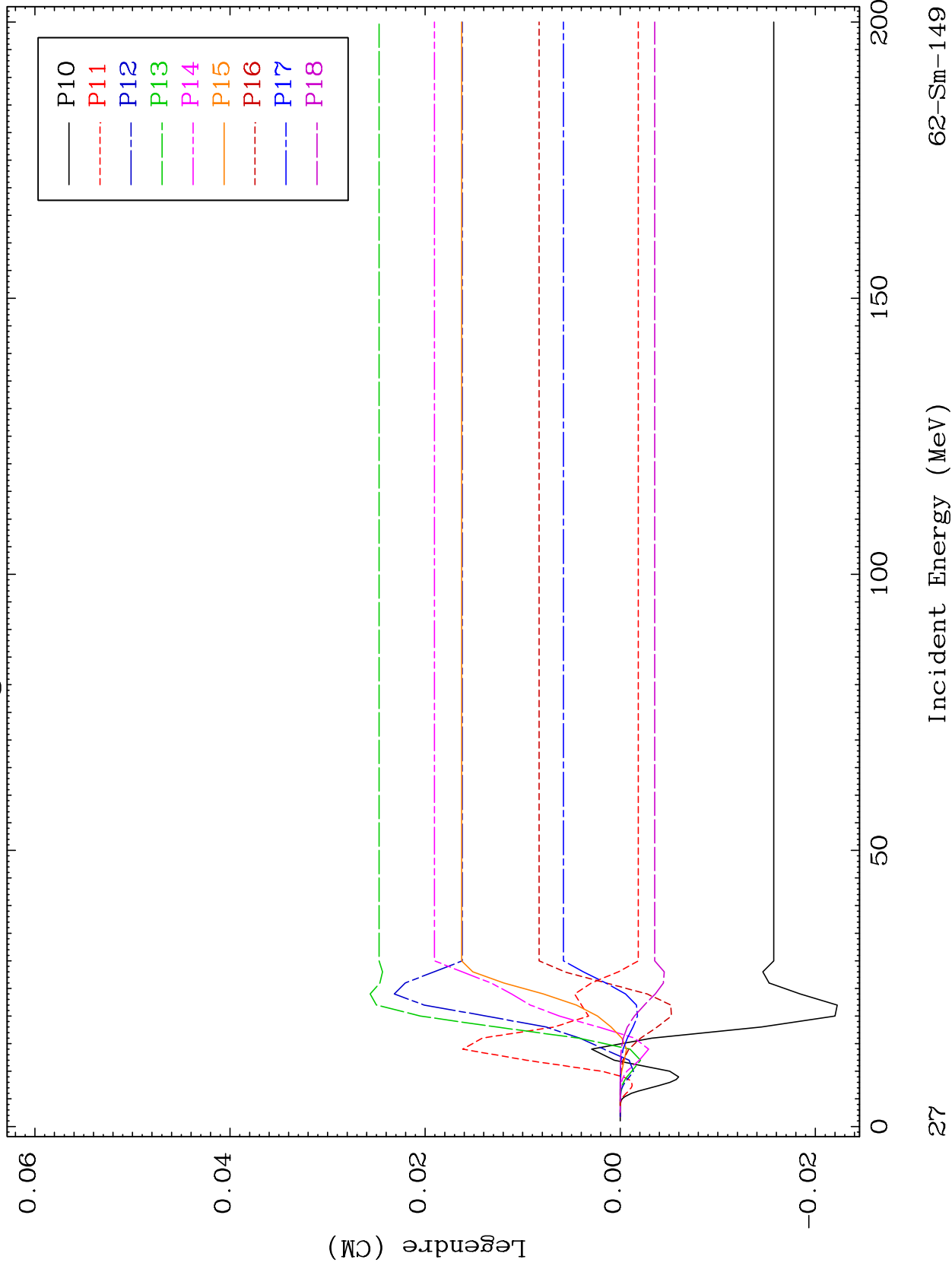
Incident Energy (MeV)

26

MAT 6240

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

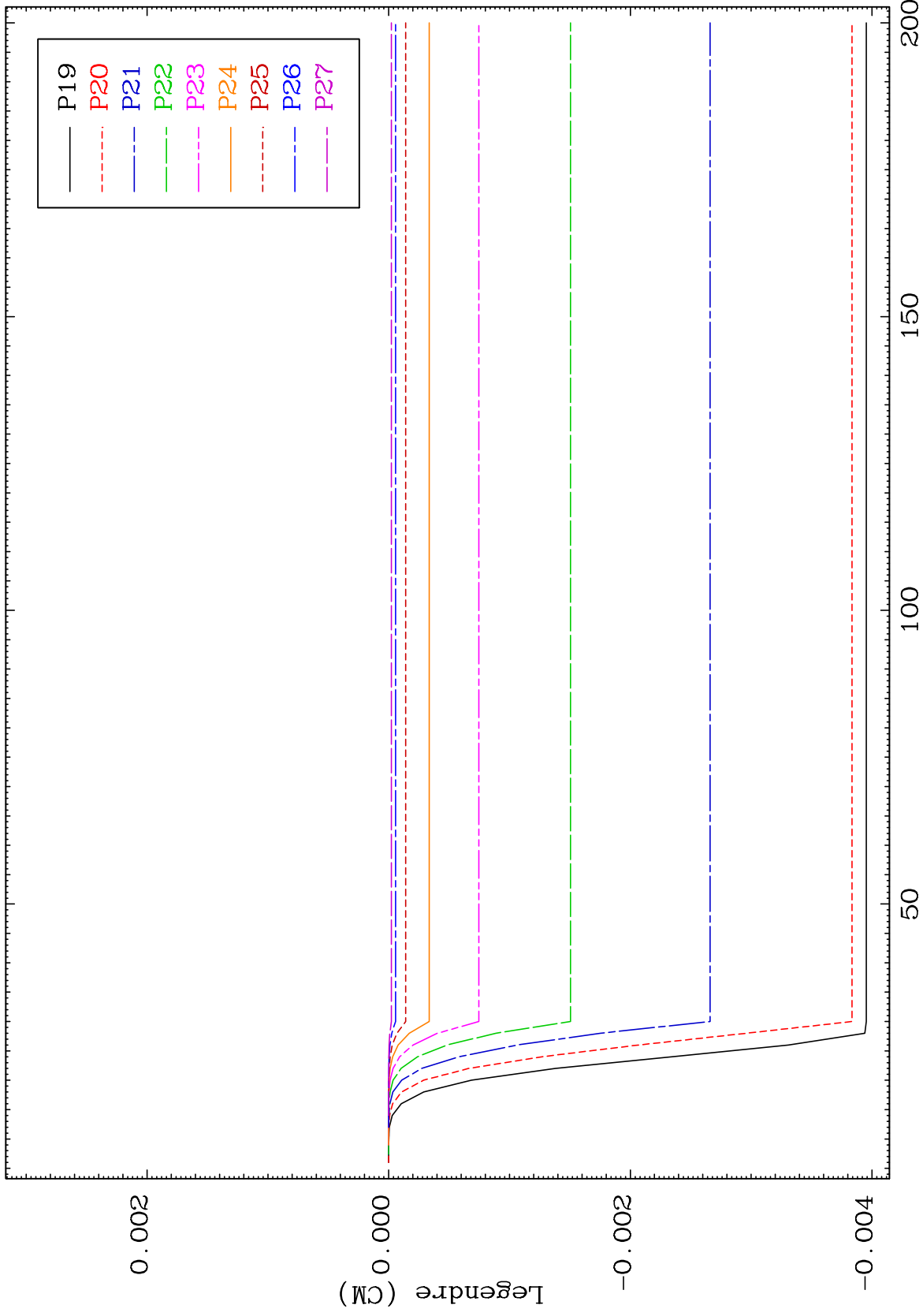
62-Sm-149



MAT 6240

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

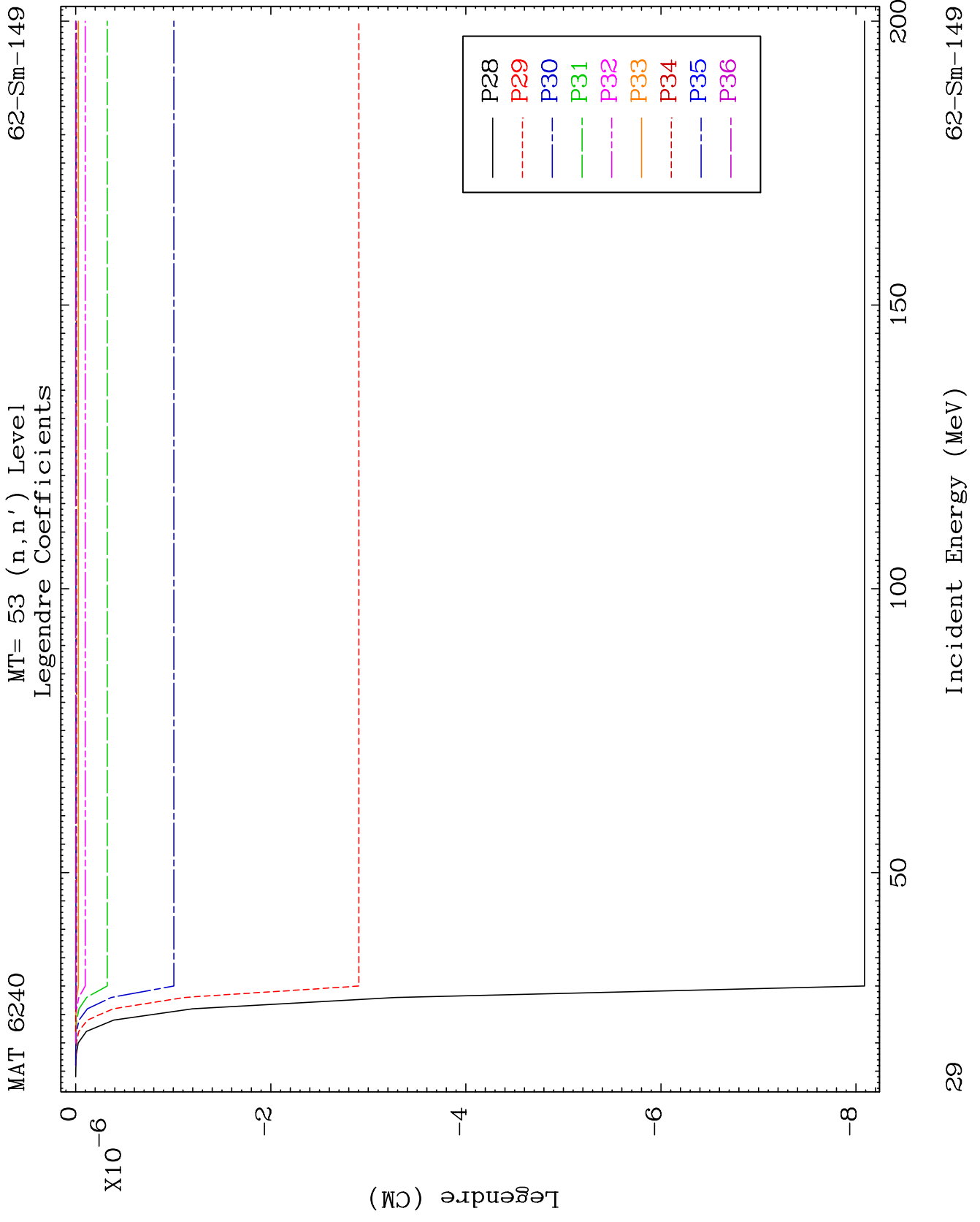
62-Sm-149



28

Incident Energy (MeV)

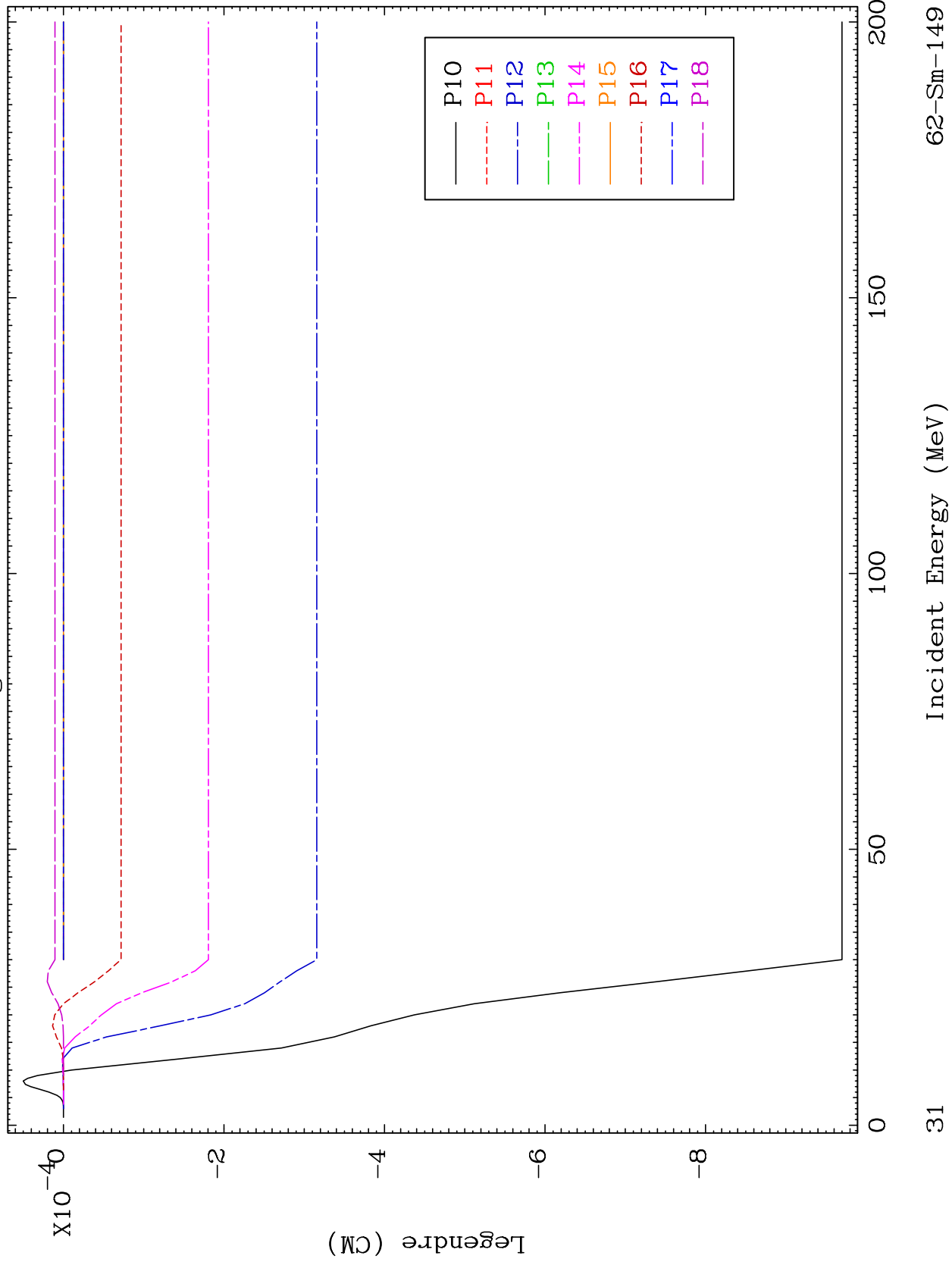
62-Sm-149



MAT 6240

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

62-Sm-149



31

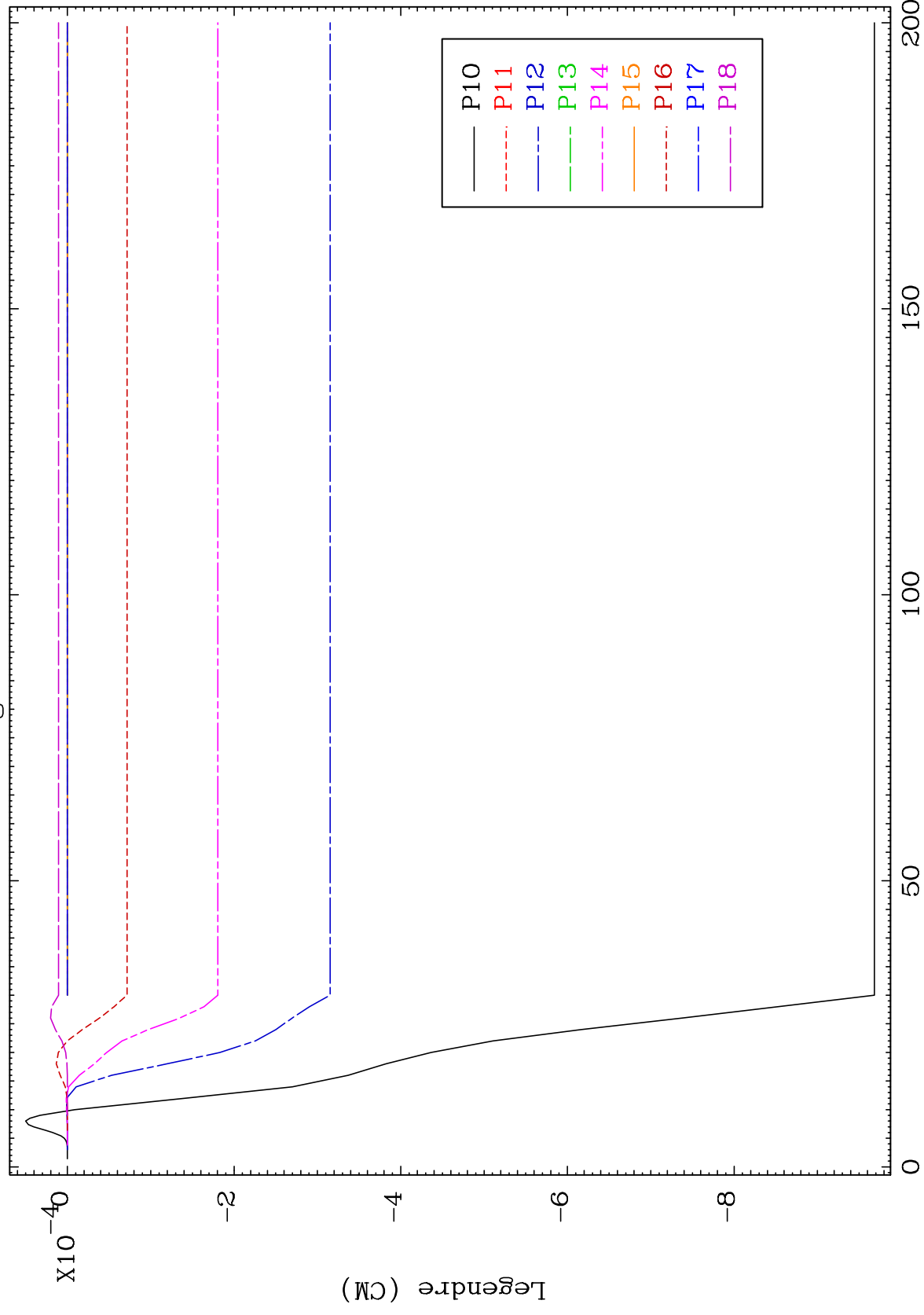
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



34

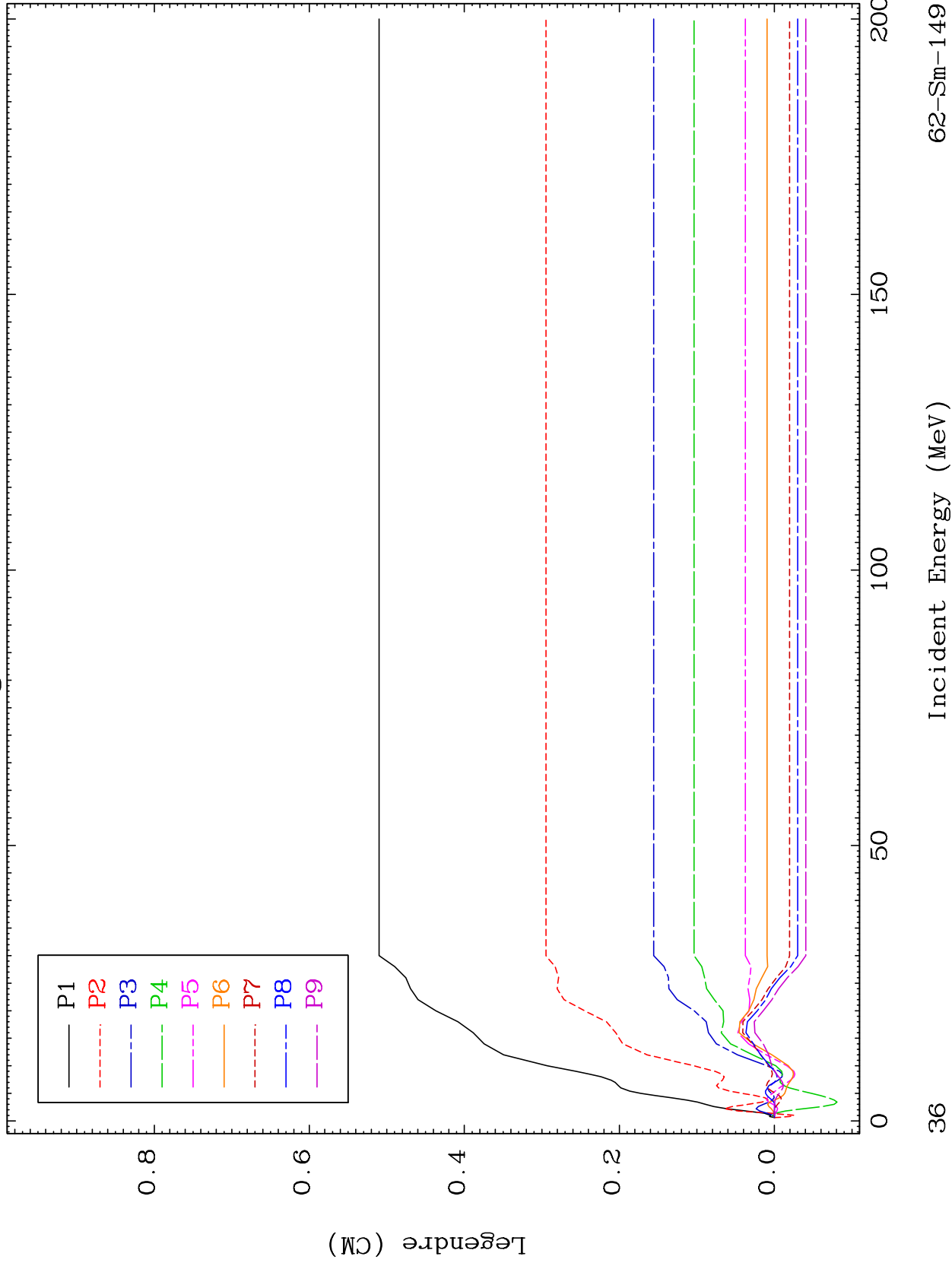
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

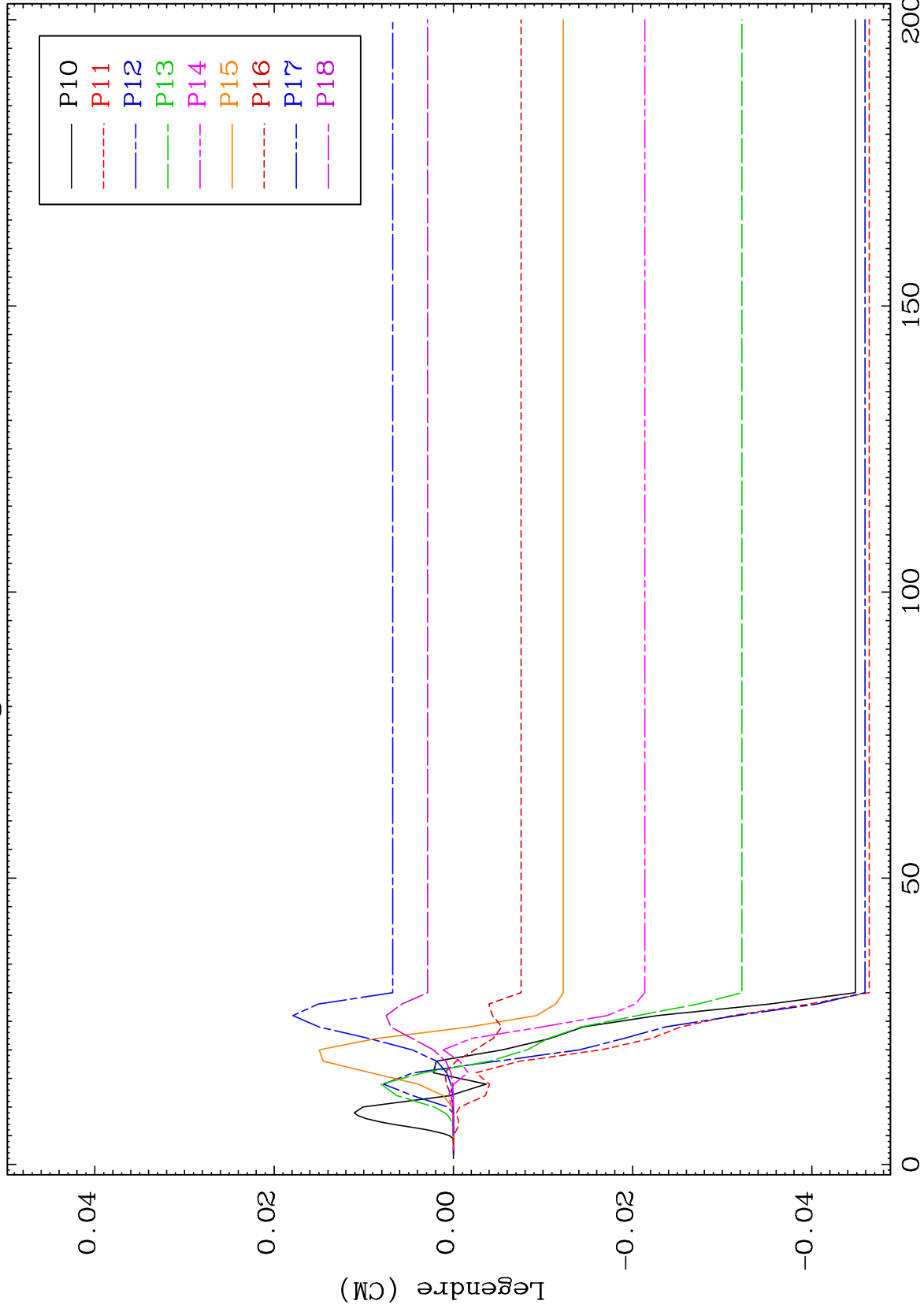
Incident Energy (MeV)

36

MAT 6240

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

62-Sm-149



37

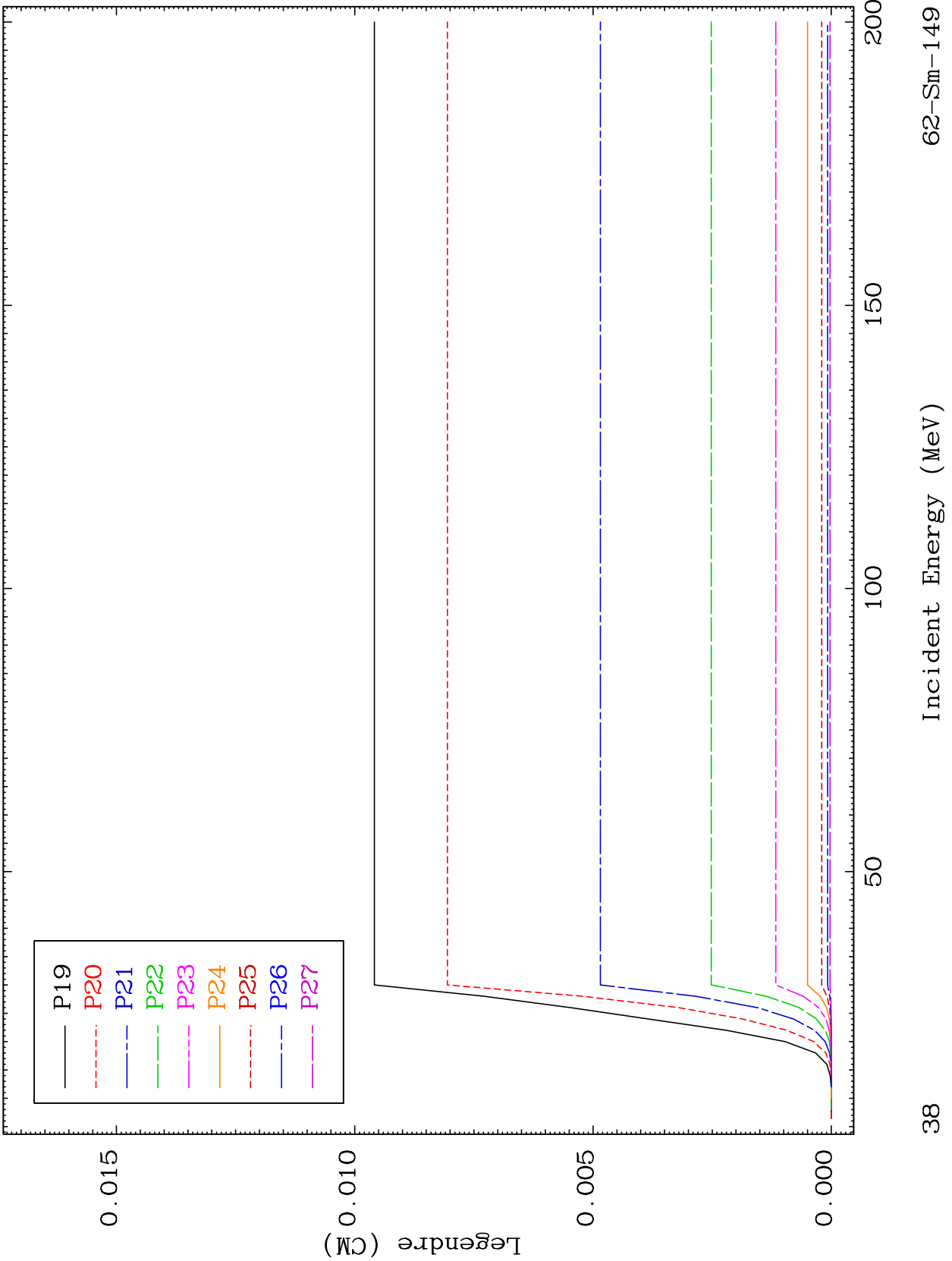
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

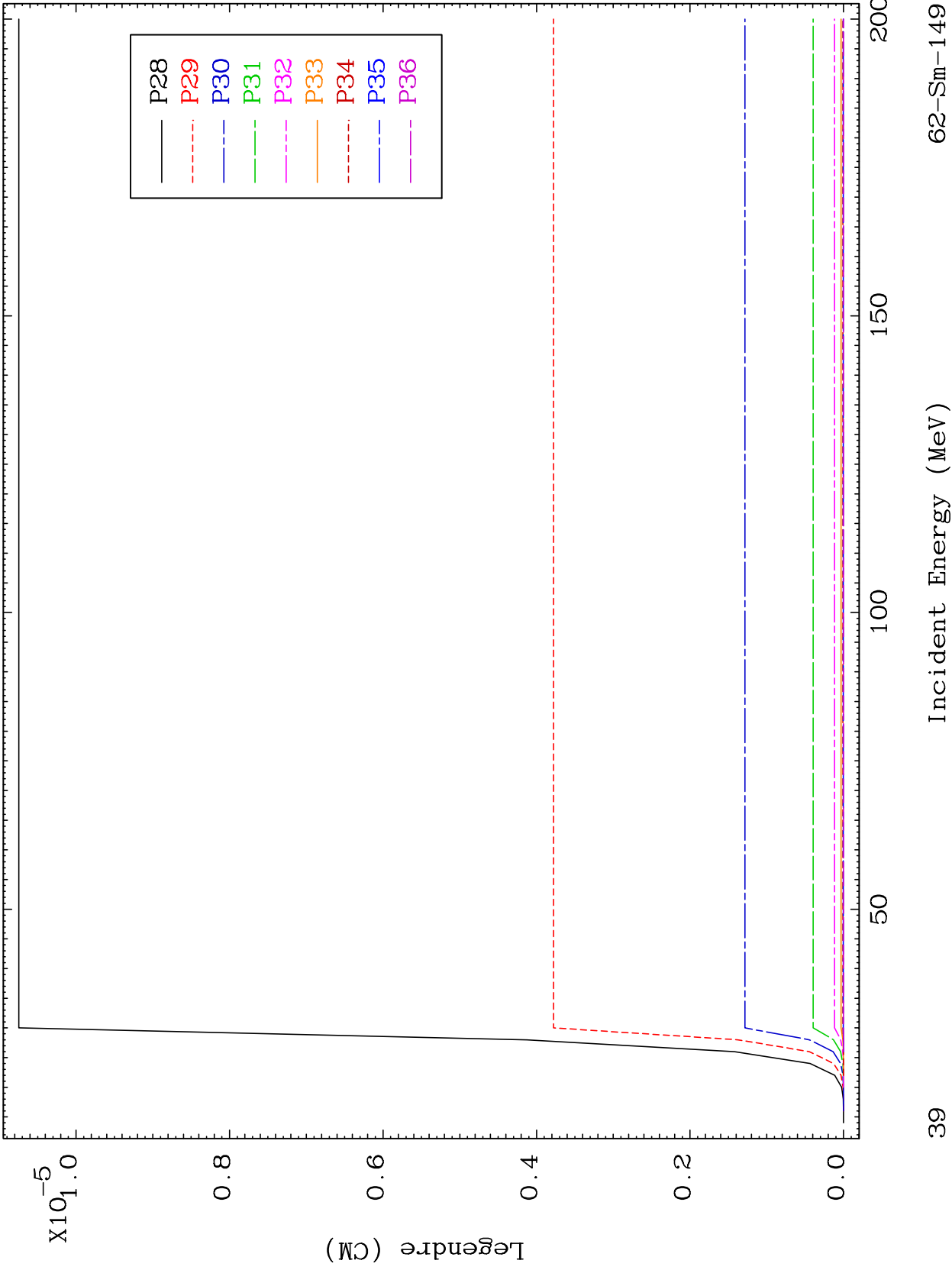
62-Sm-149



MAT 6240

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

62-Sm-149



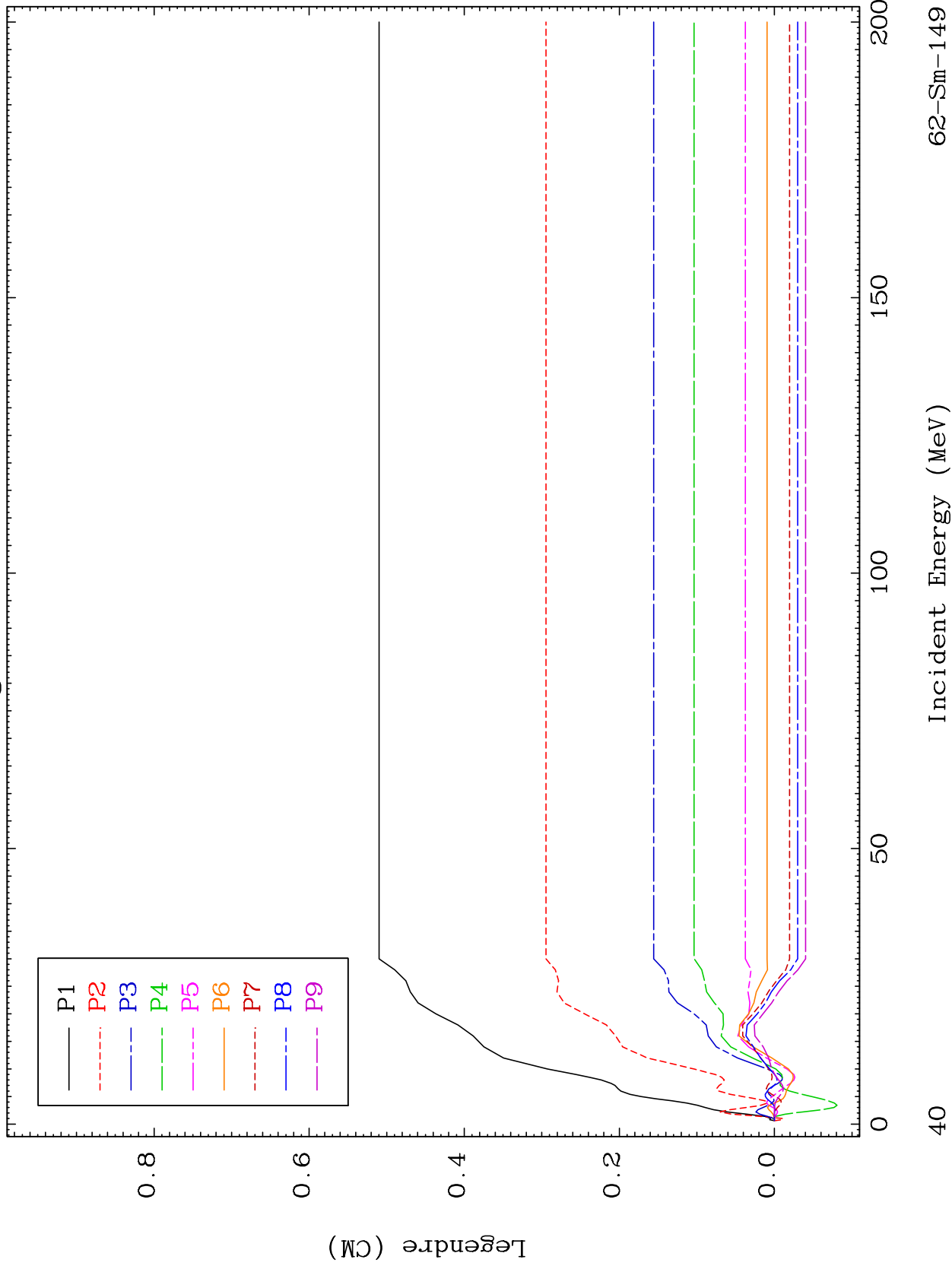
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62-Sm-149

MAT 6240

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

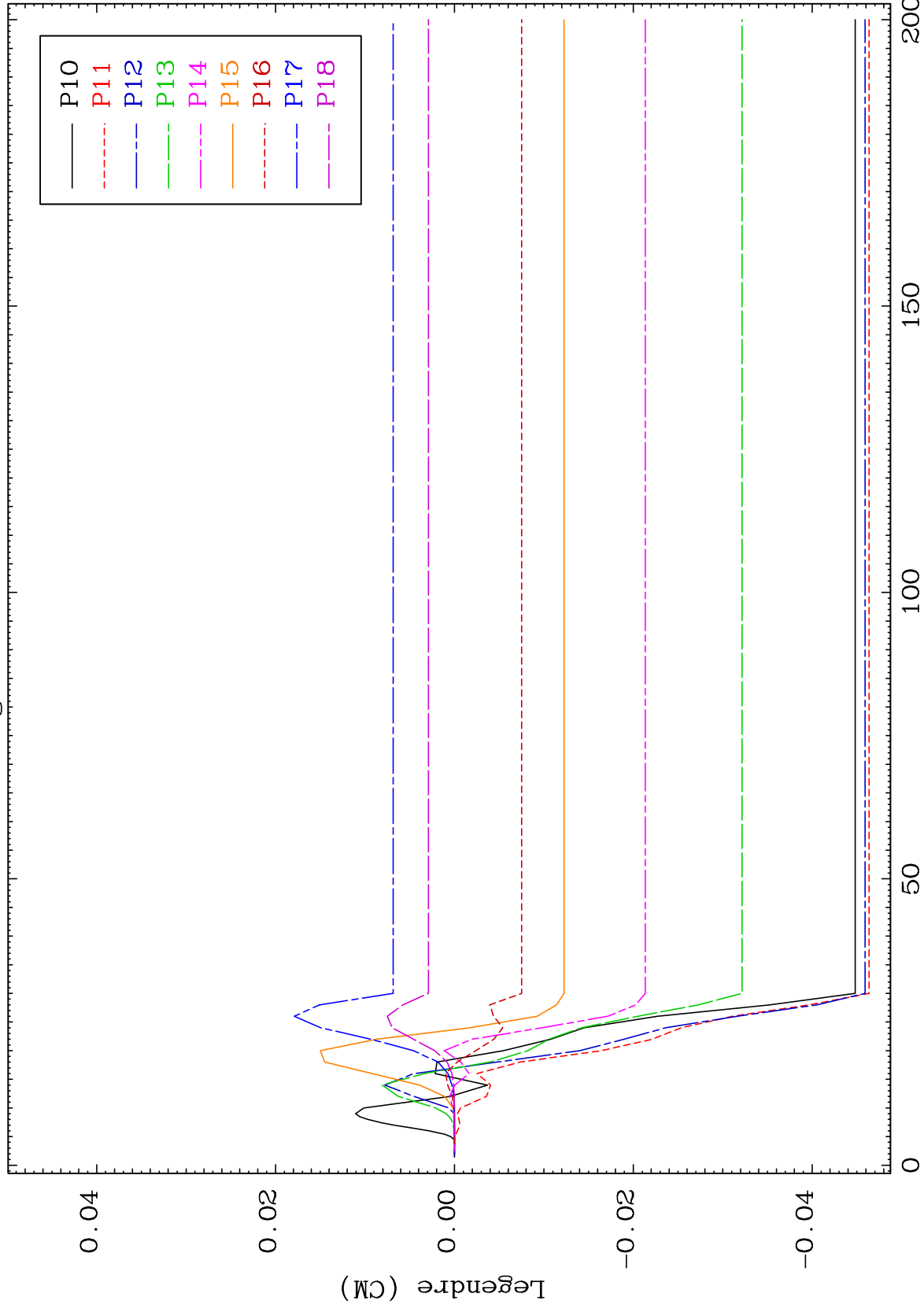
62-Sm-149



MAT 6240

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

62-Sm-149



41

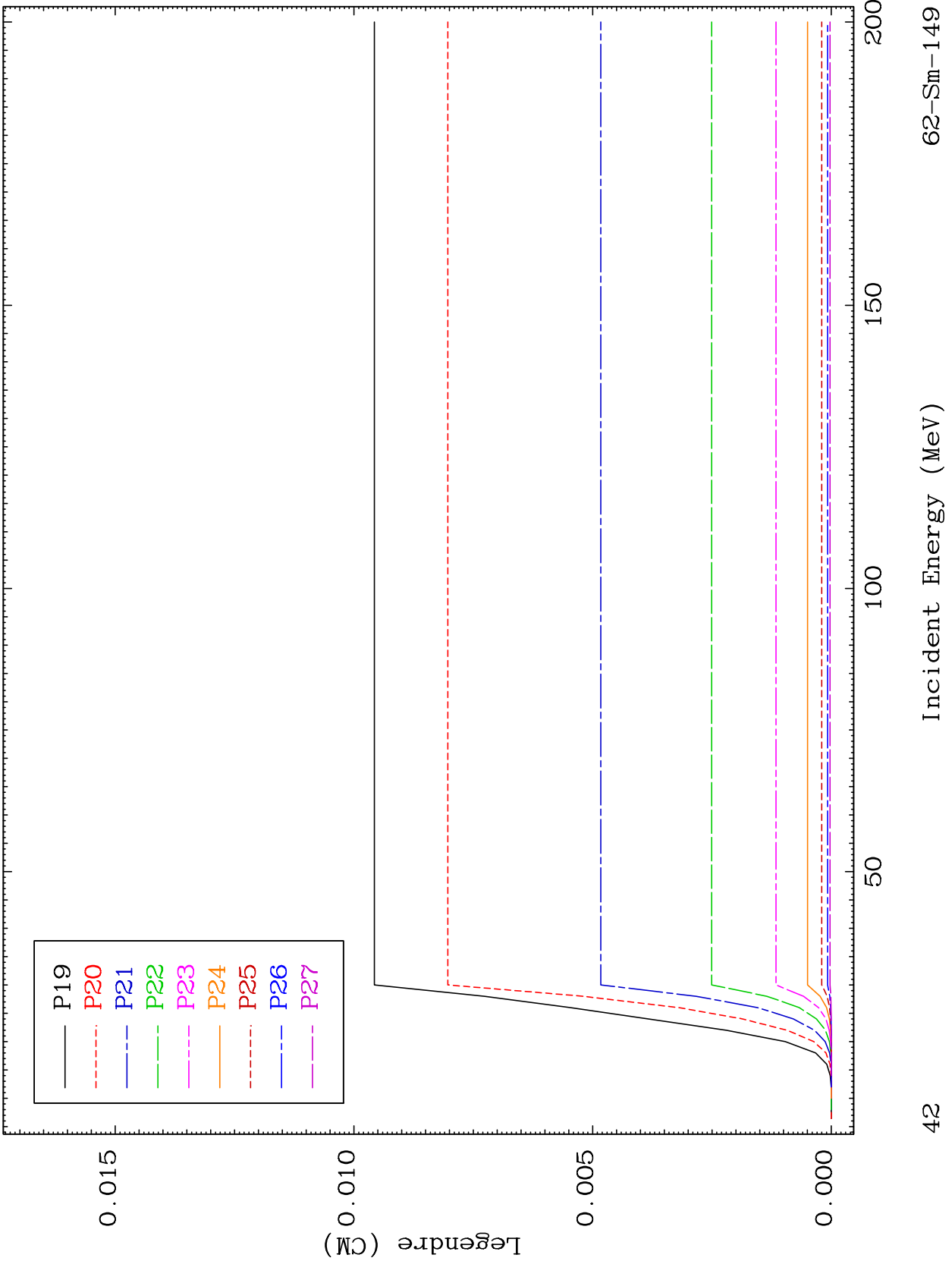
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



42

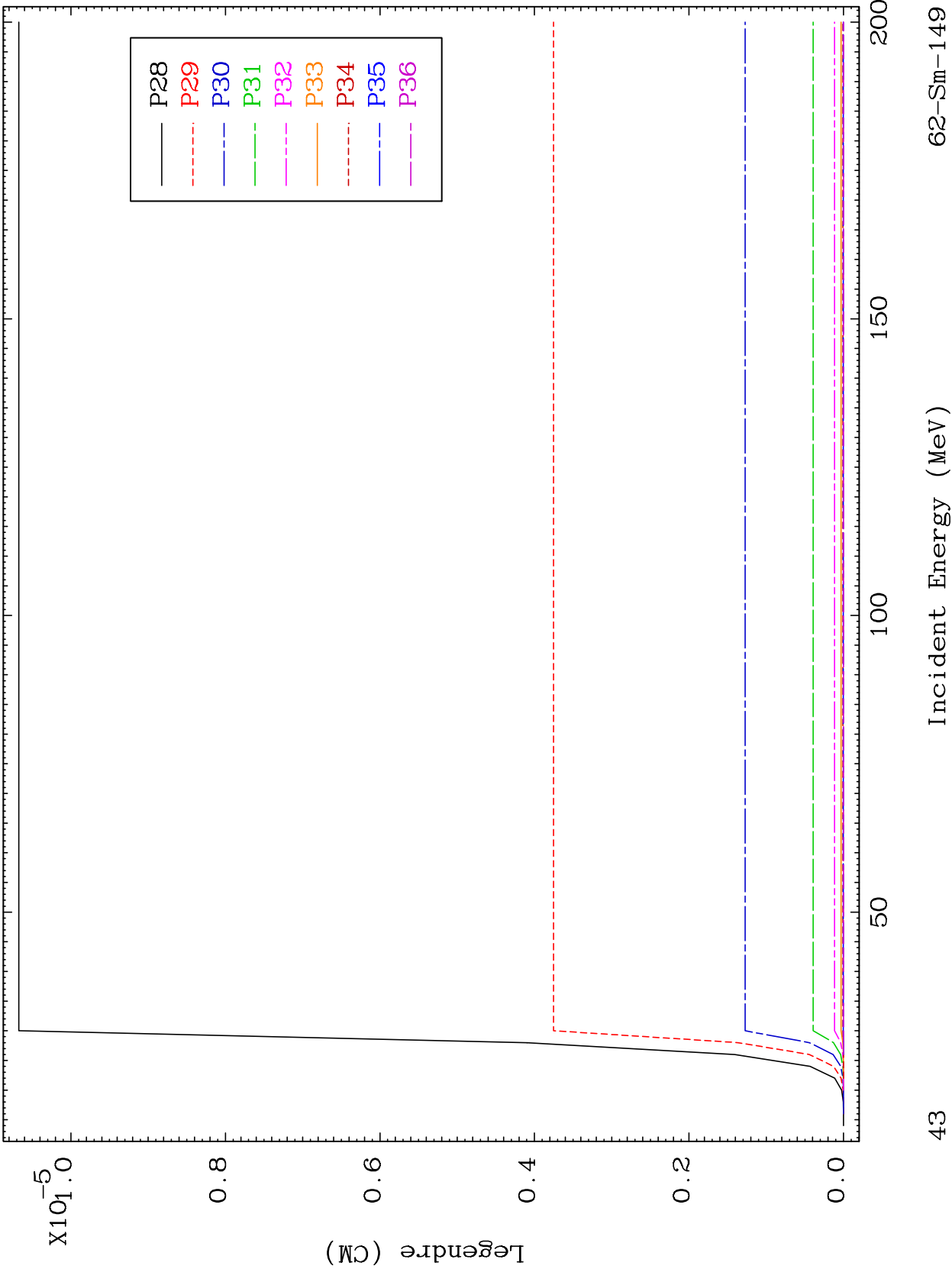
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



43

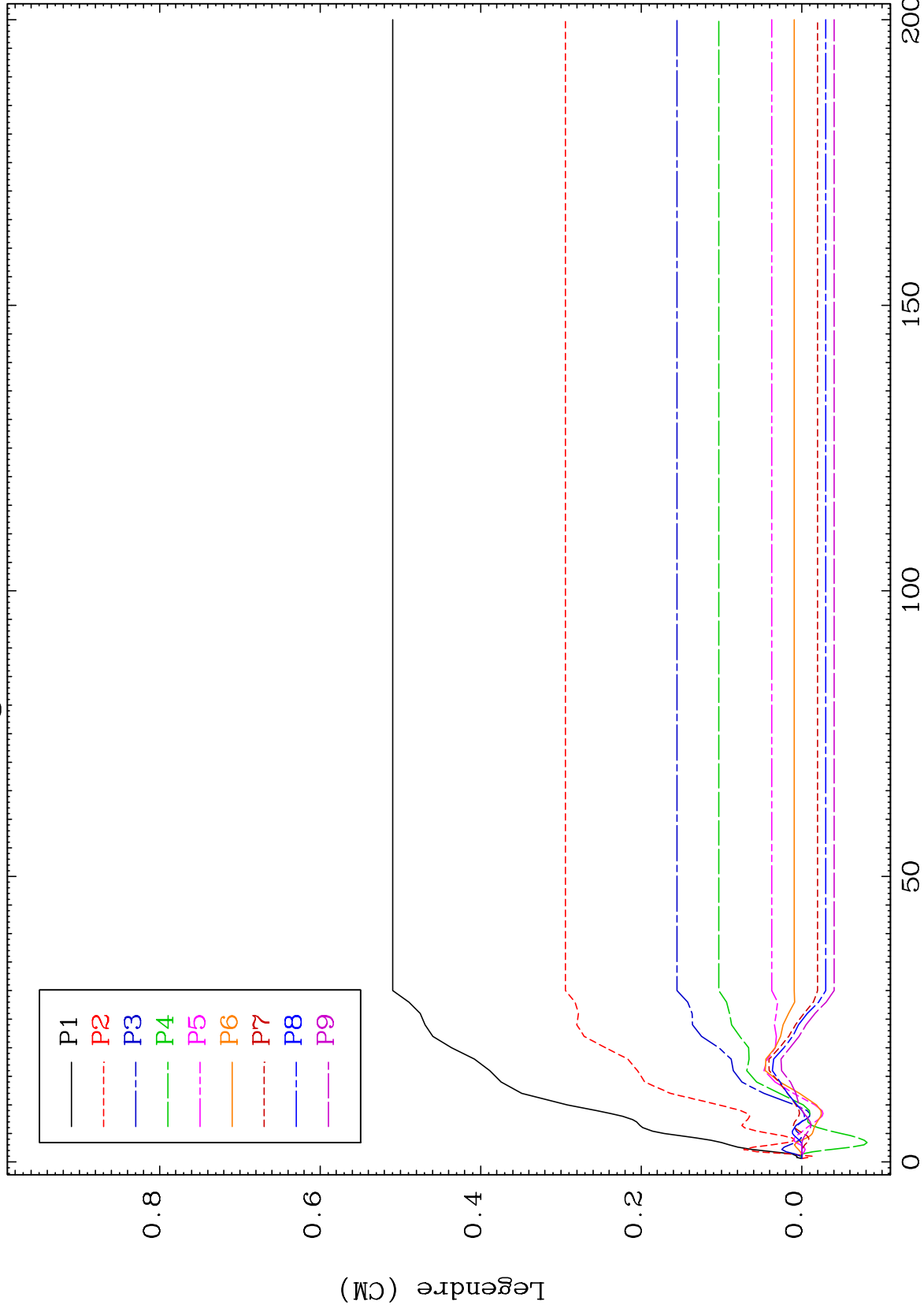
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



44

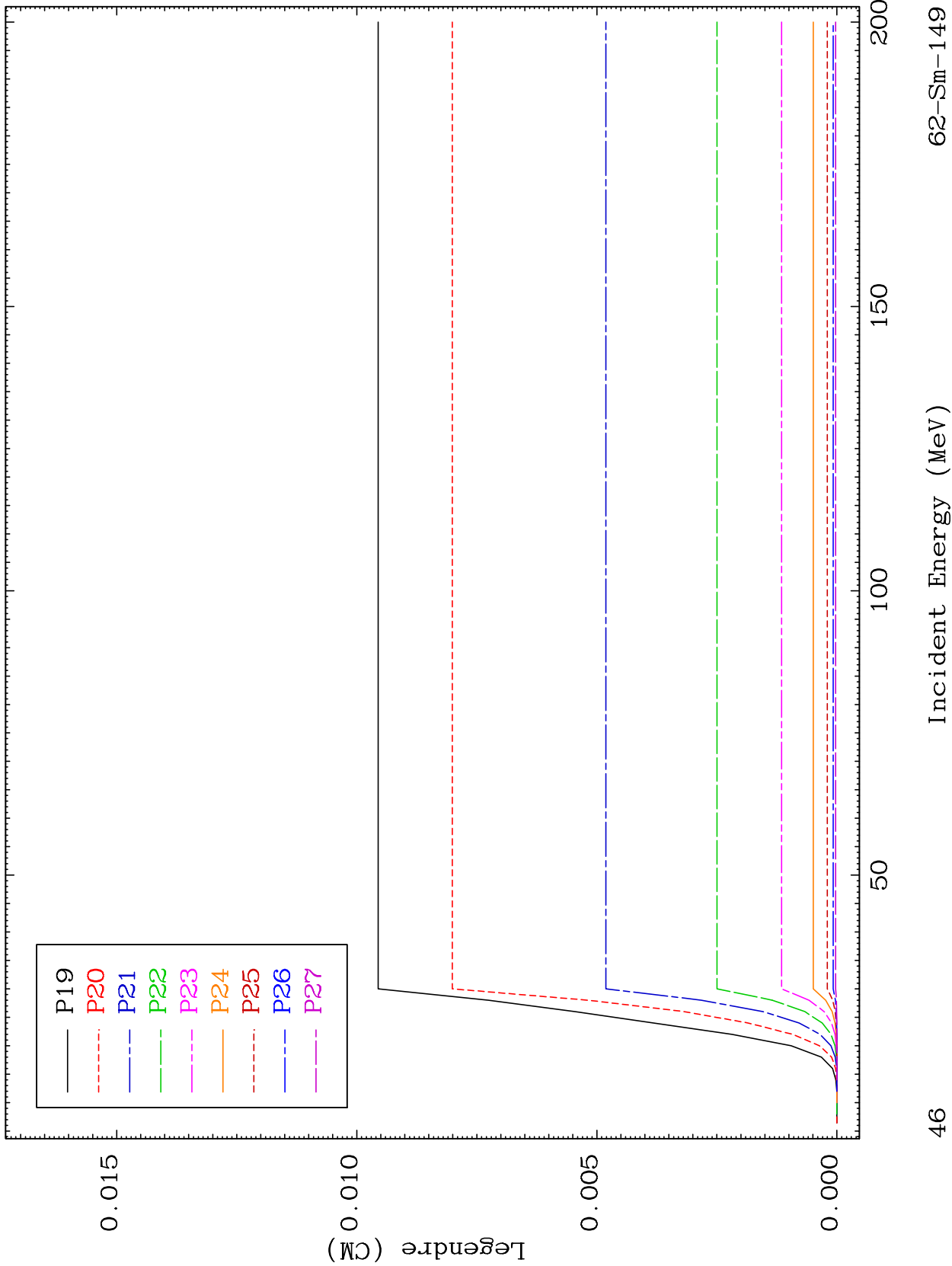
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



46

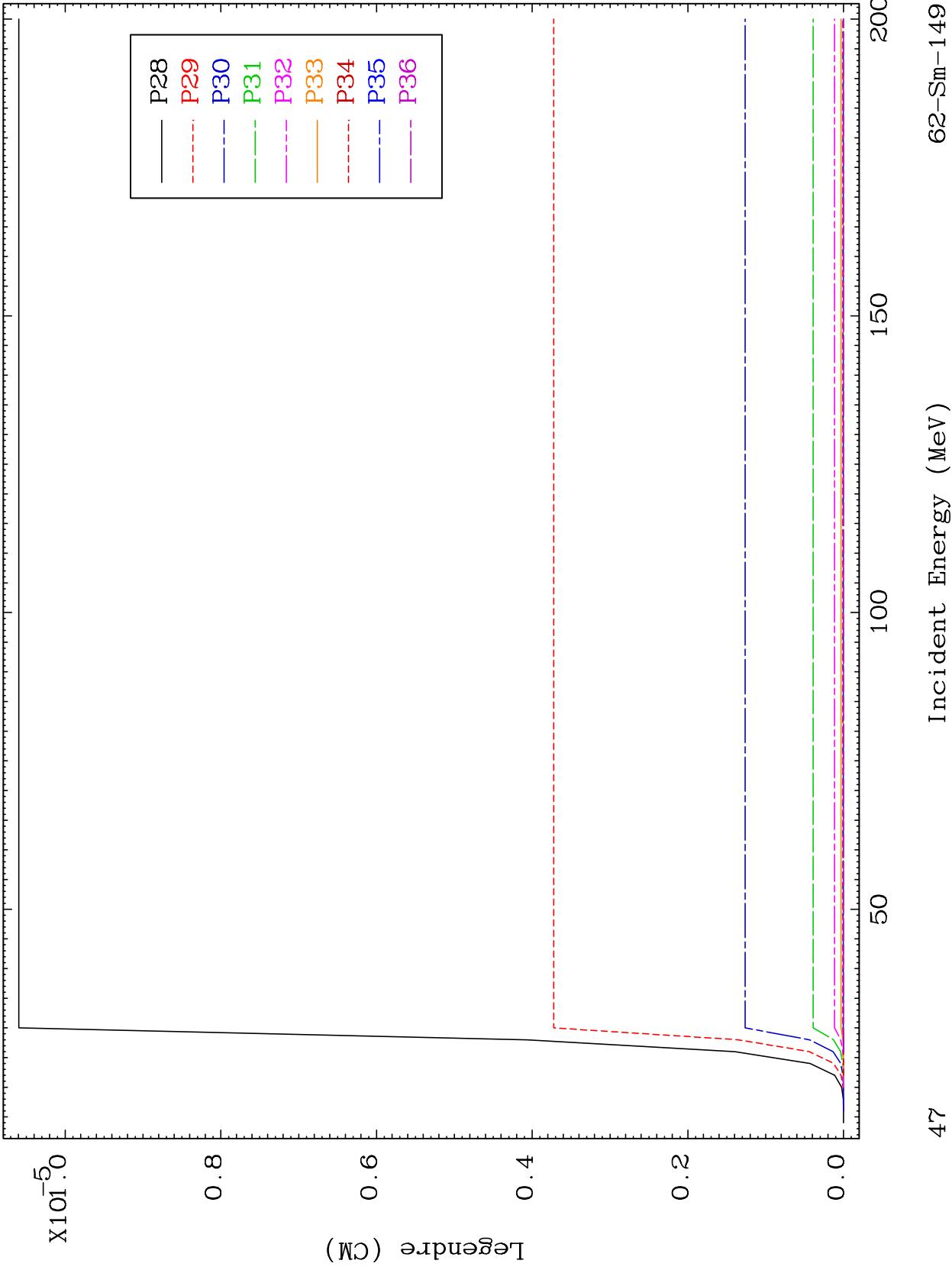
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



47

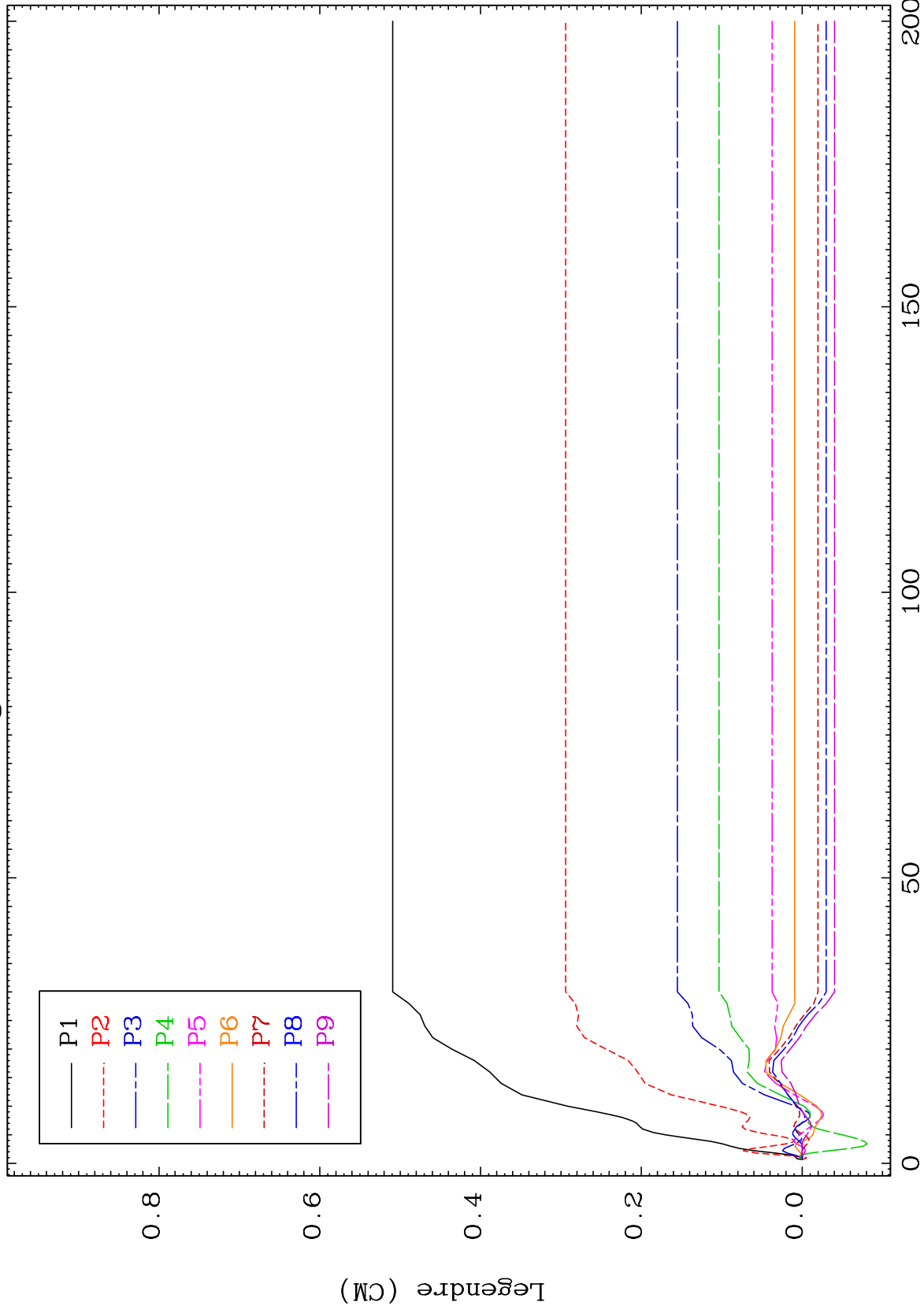
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



48

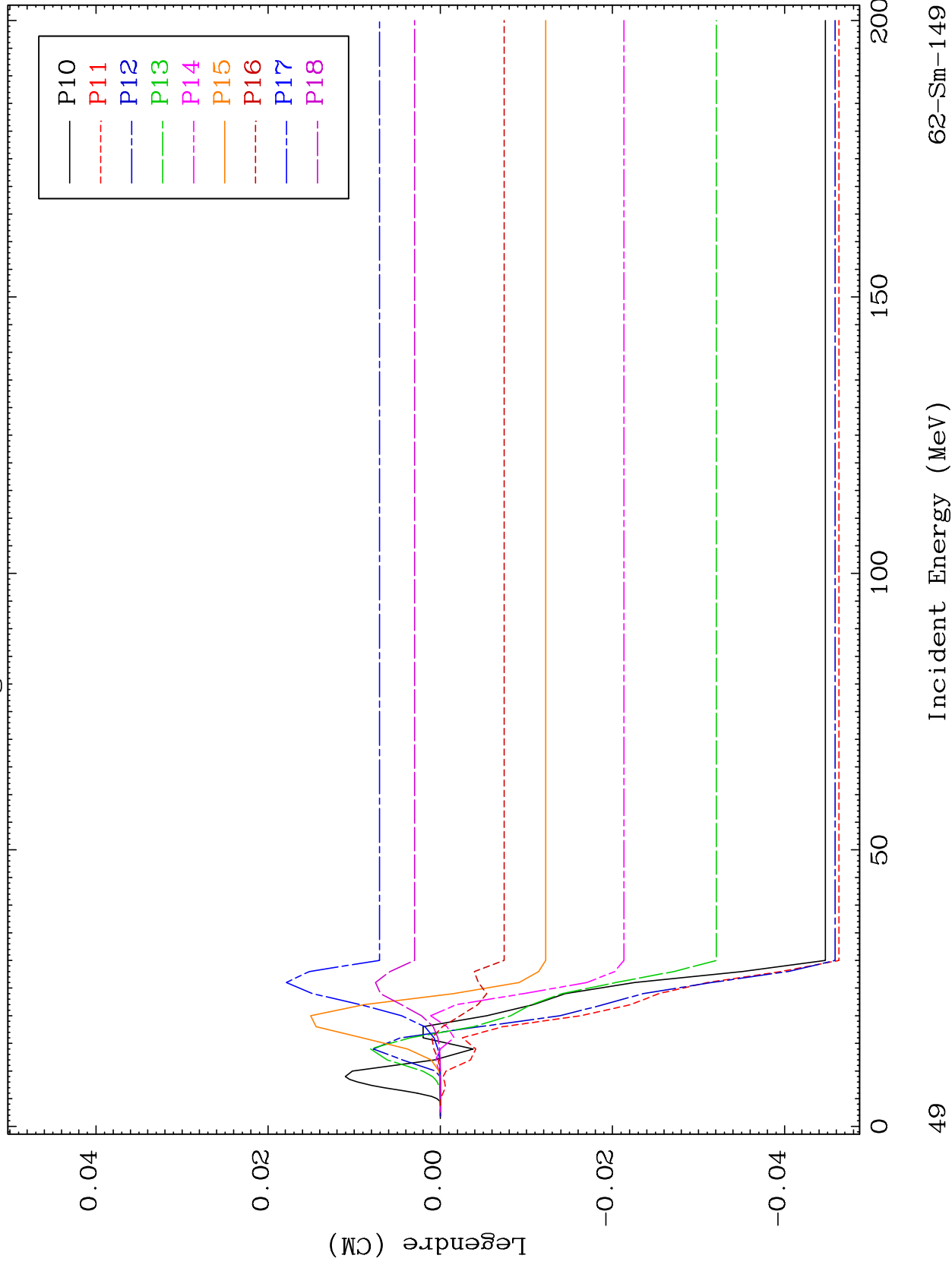
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

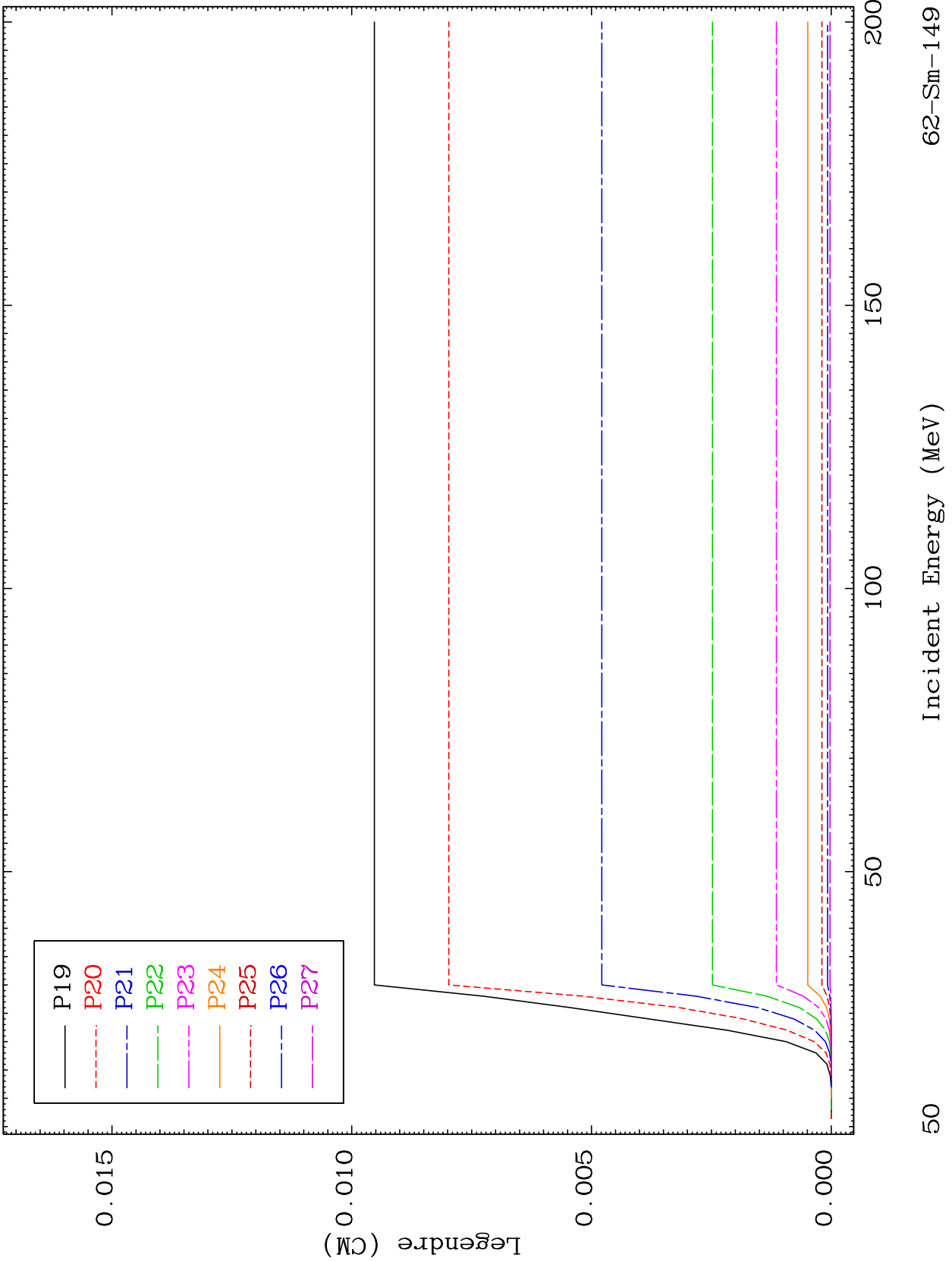
Incident Energy (MeV)

49

MAT 6240

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

62-Sm-149



62-Sm-149

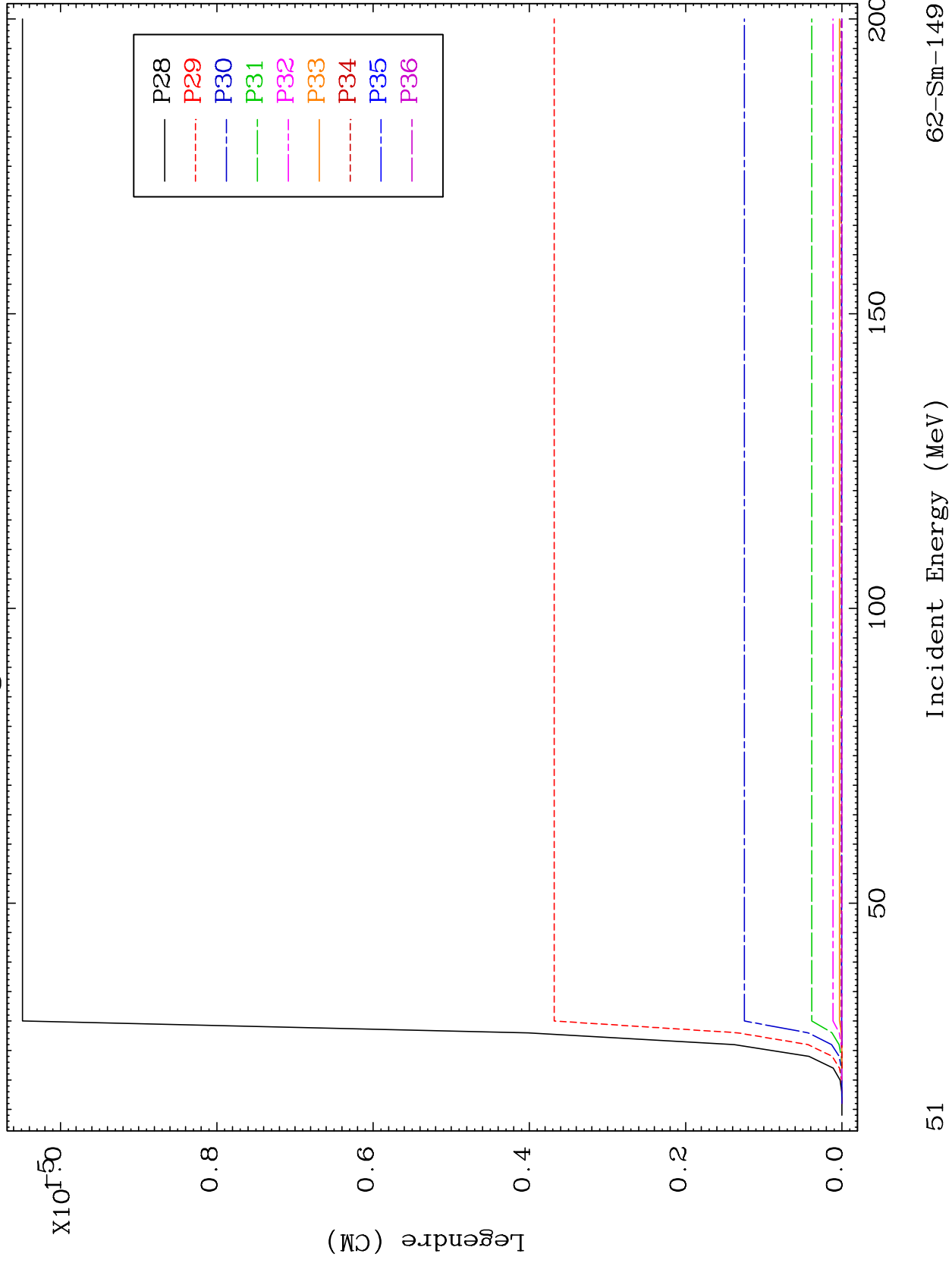
Incident Energy (MeV)

50

MAT 6240

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

62-Sm-149

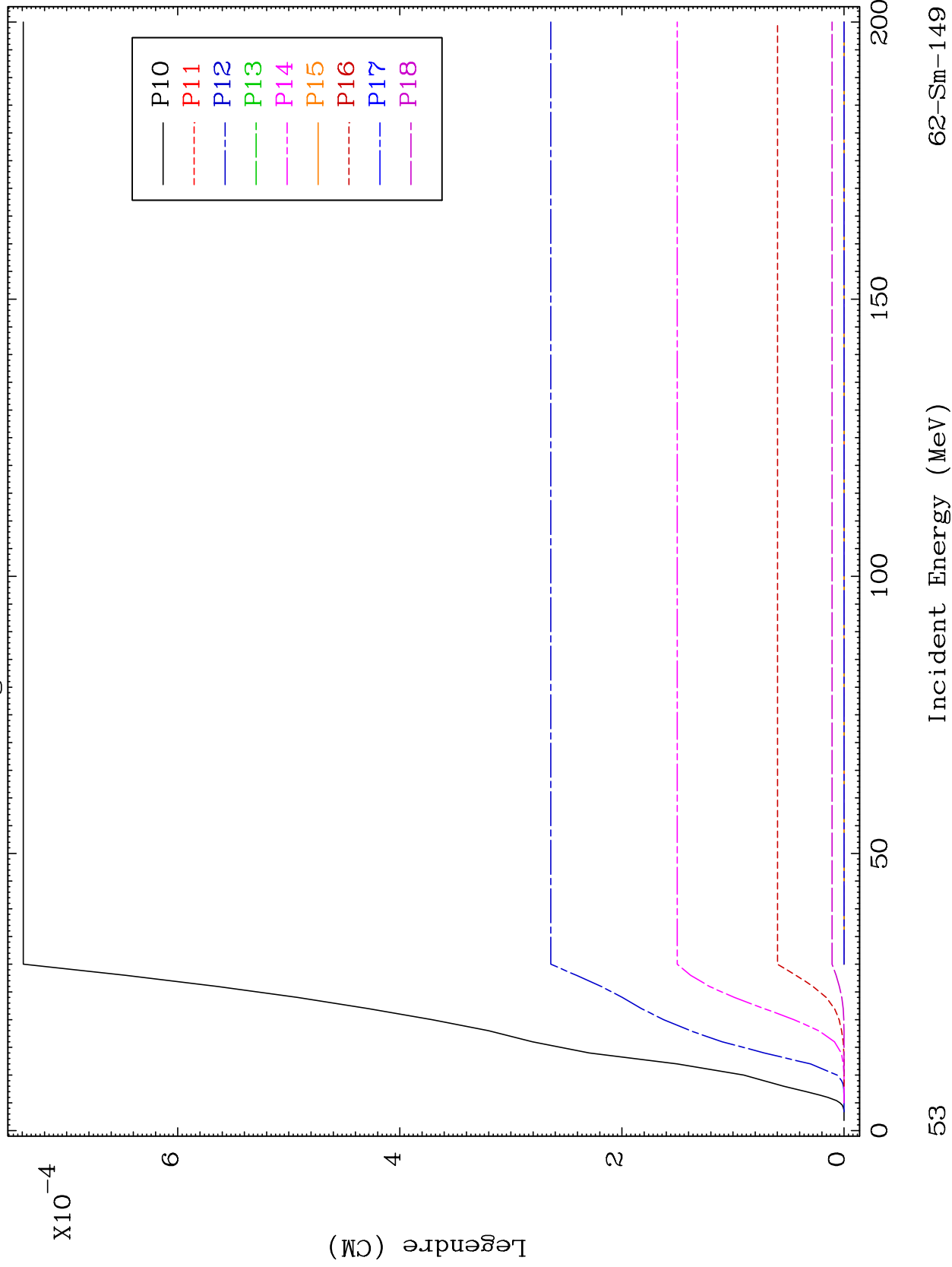


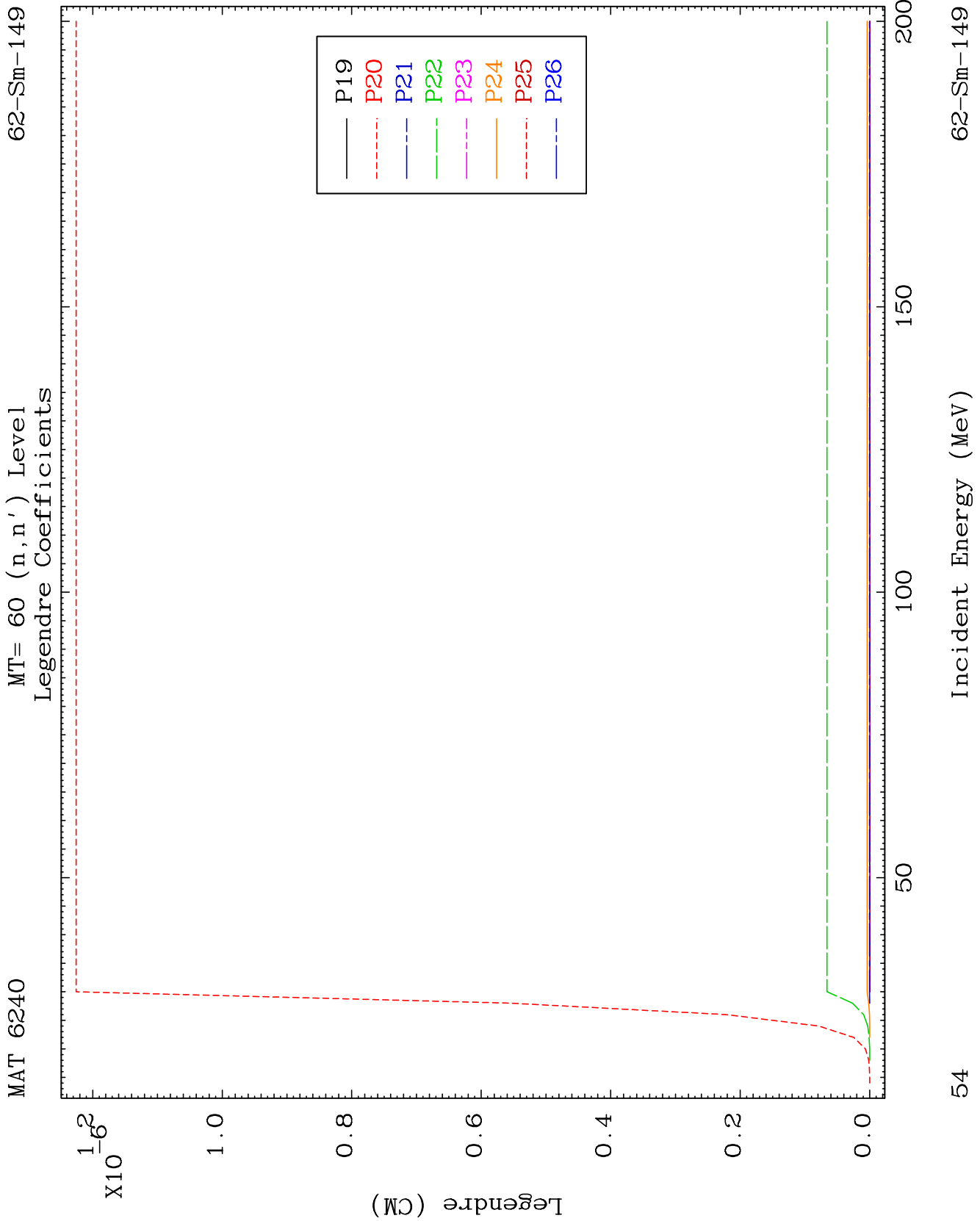
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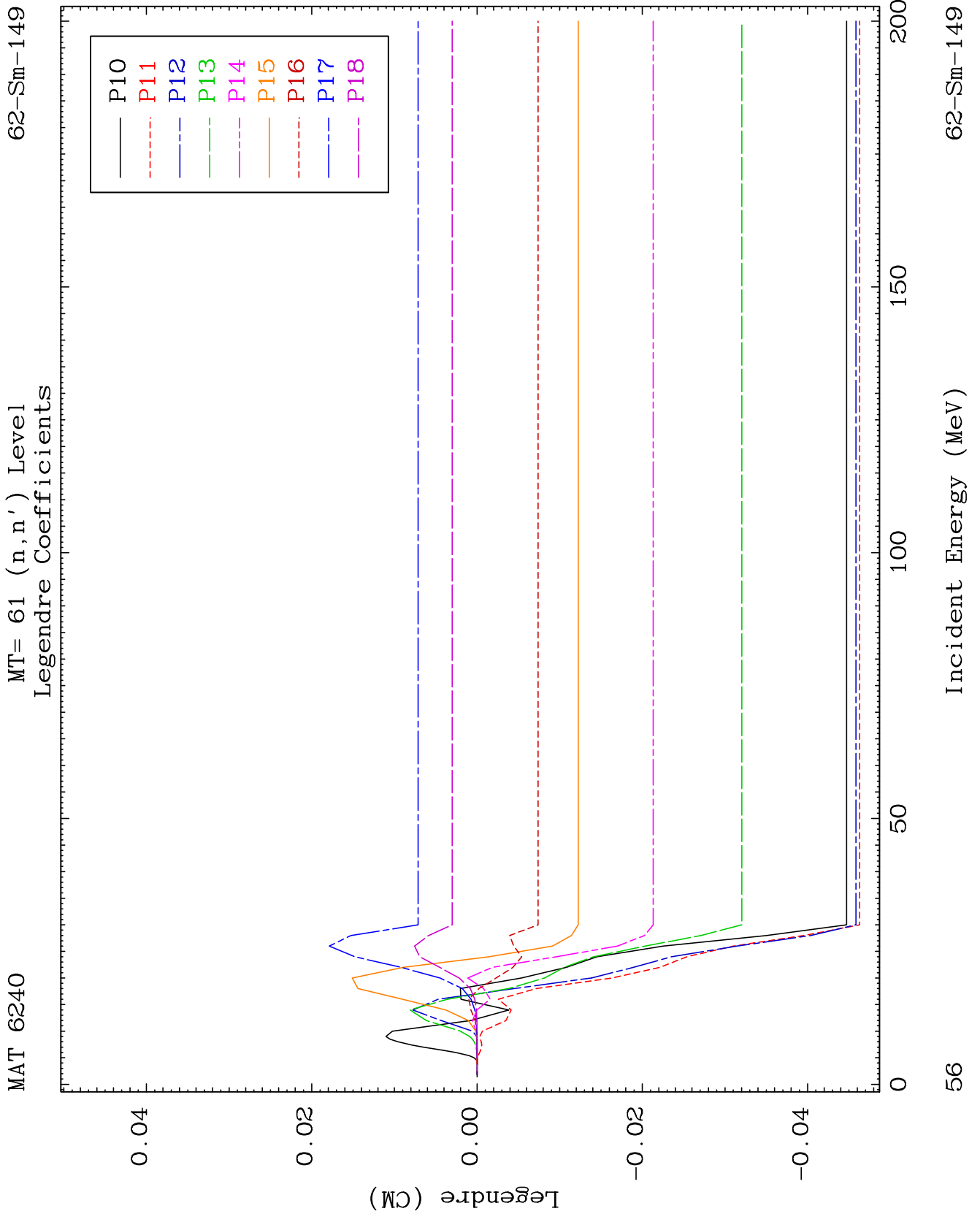
MAT 6240

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

62-Sm-149



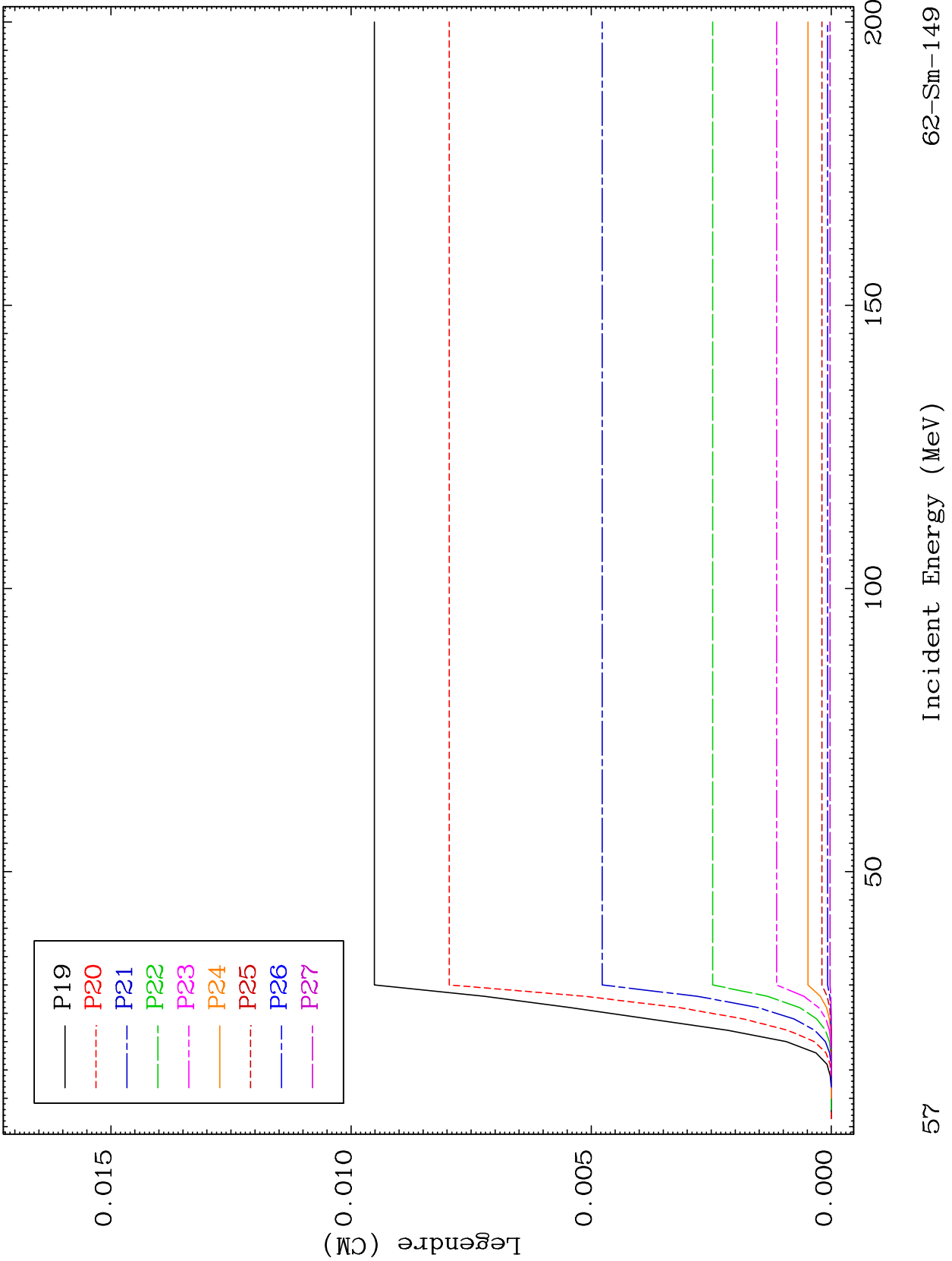




MAT 6240

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

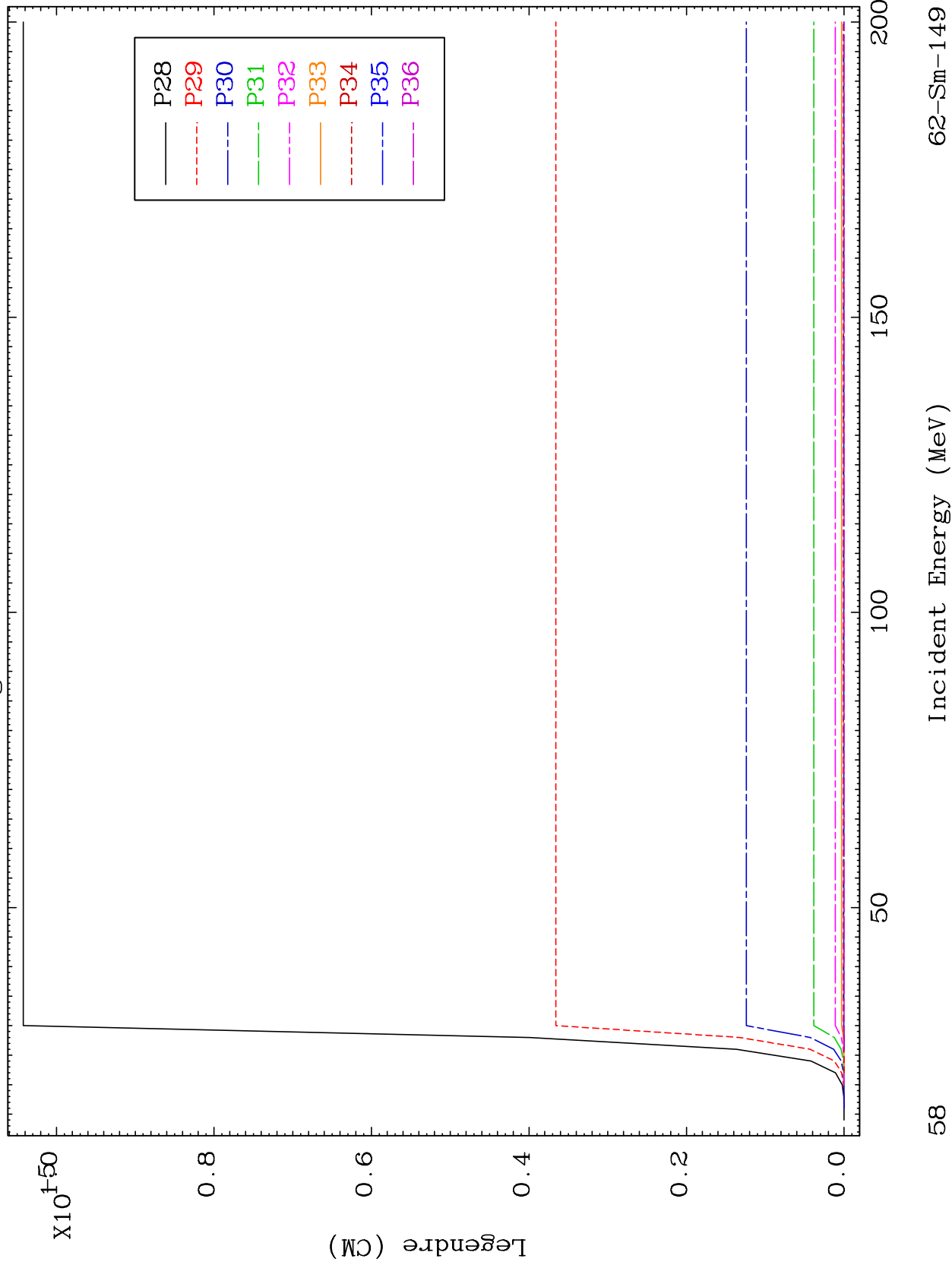
62-Sm-149



MAT 6240

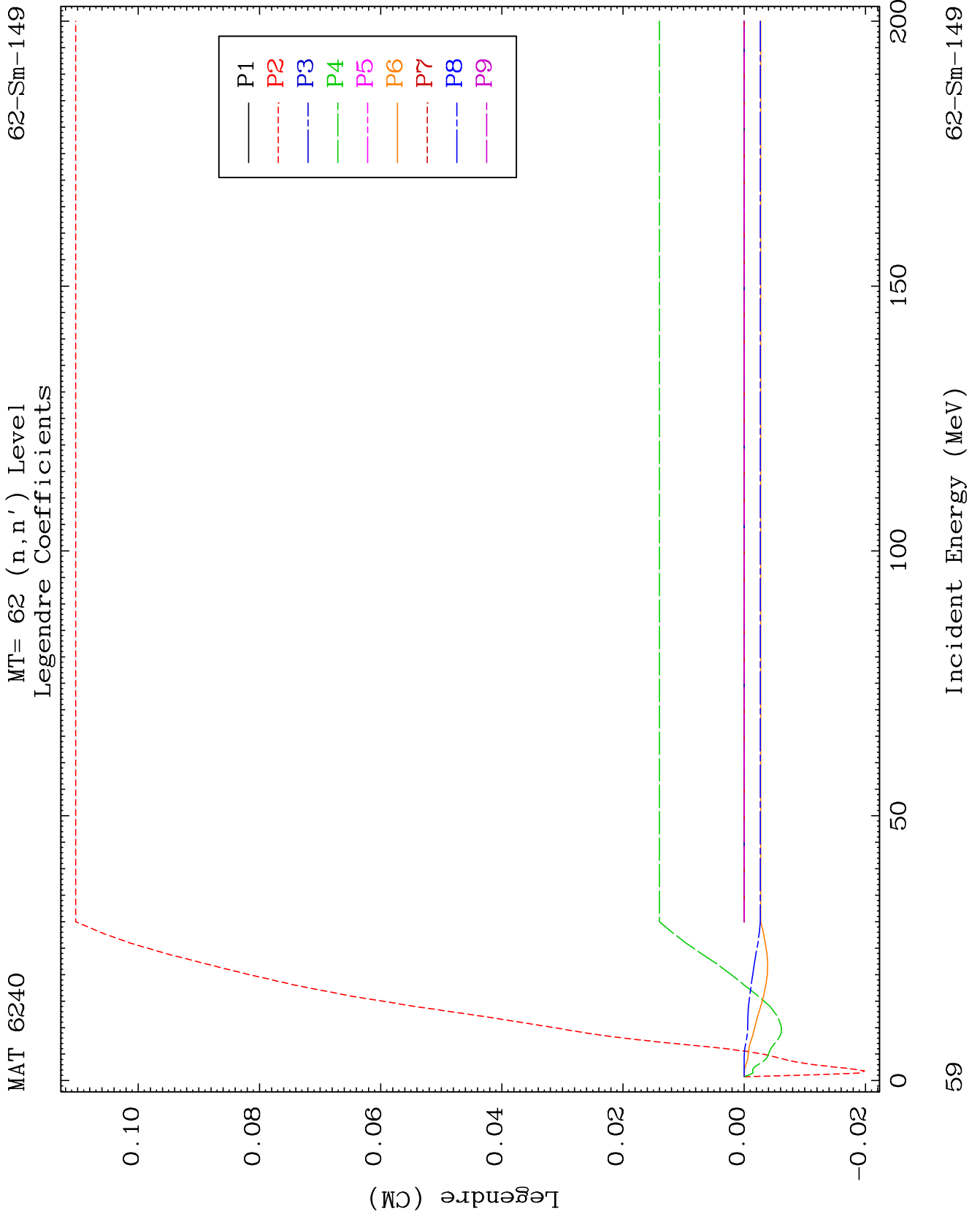
MT= 61 (n,n') Level
Legendre Coefficients

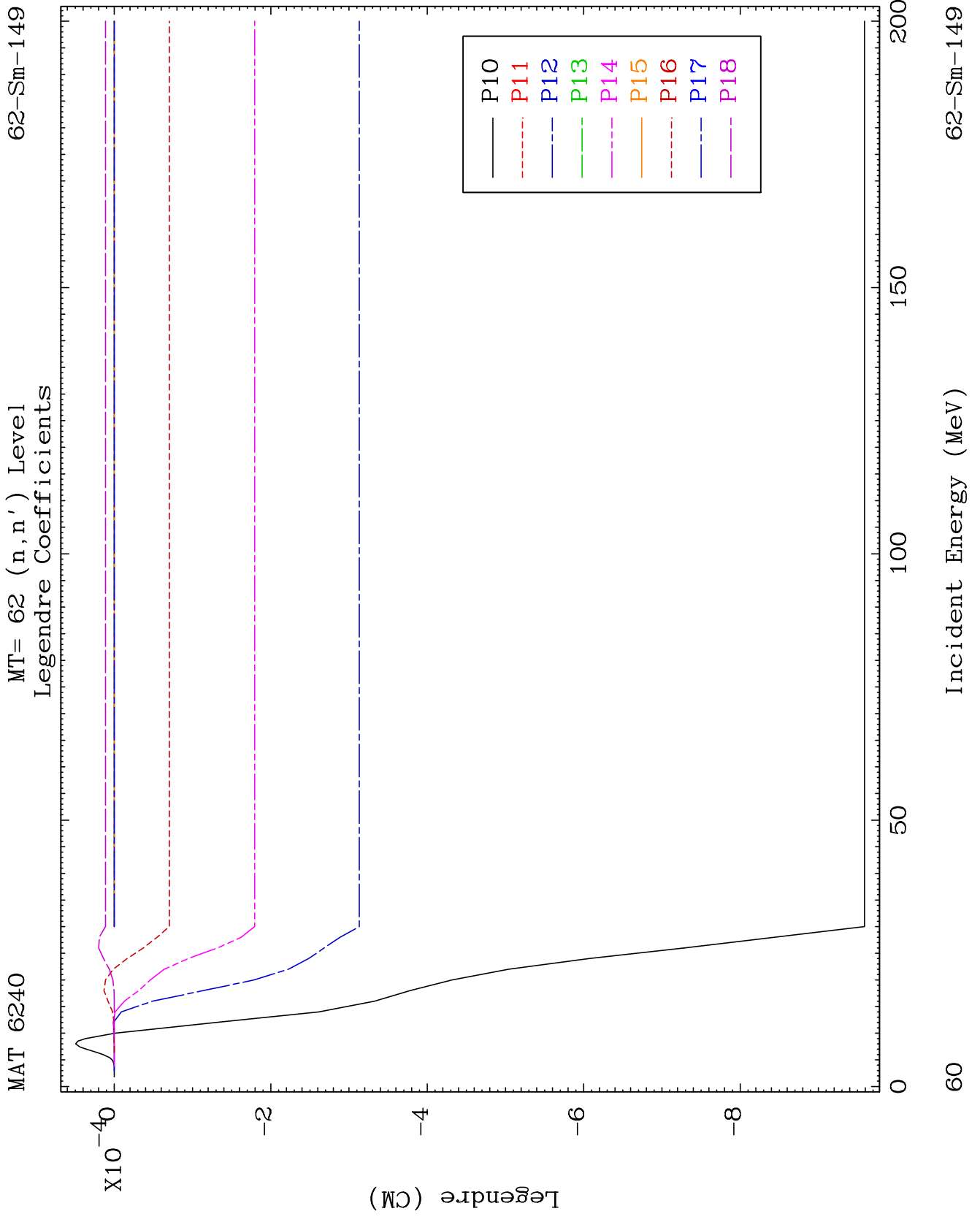
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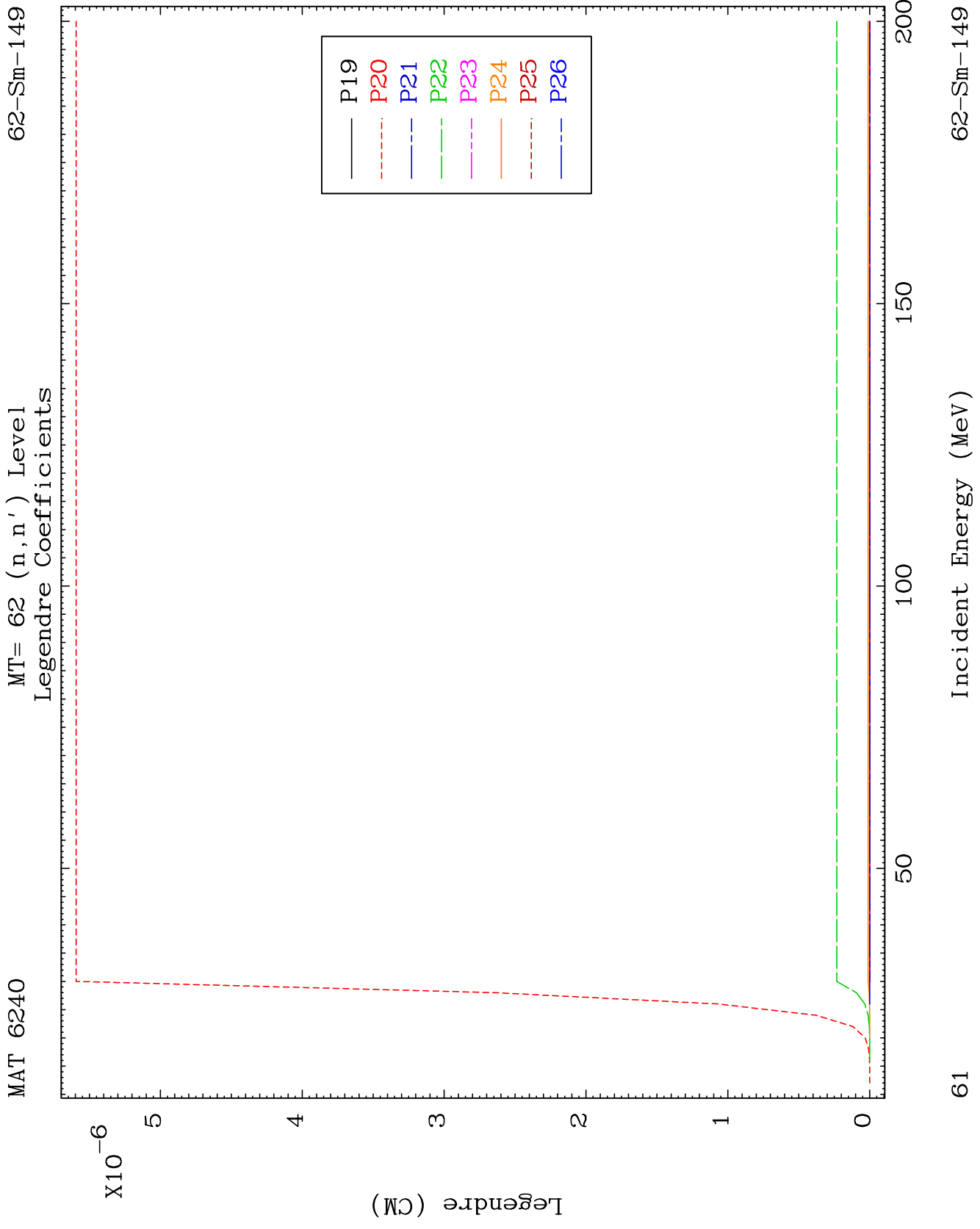


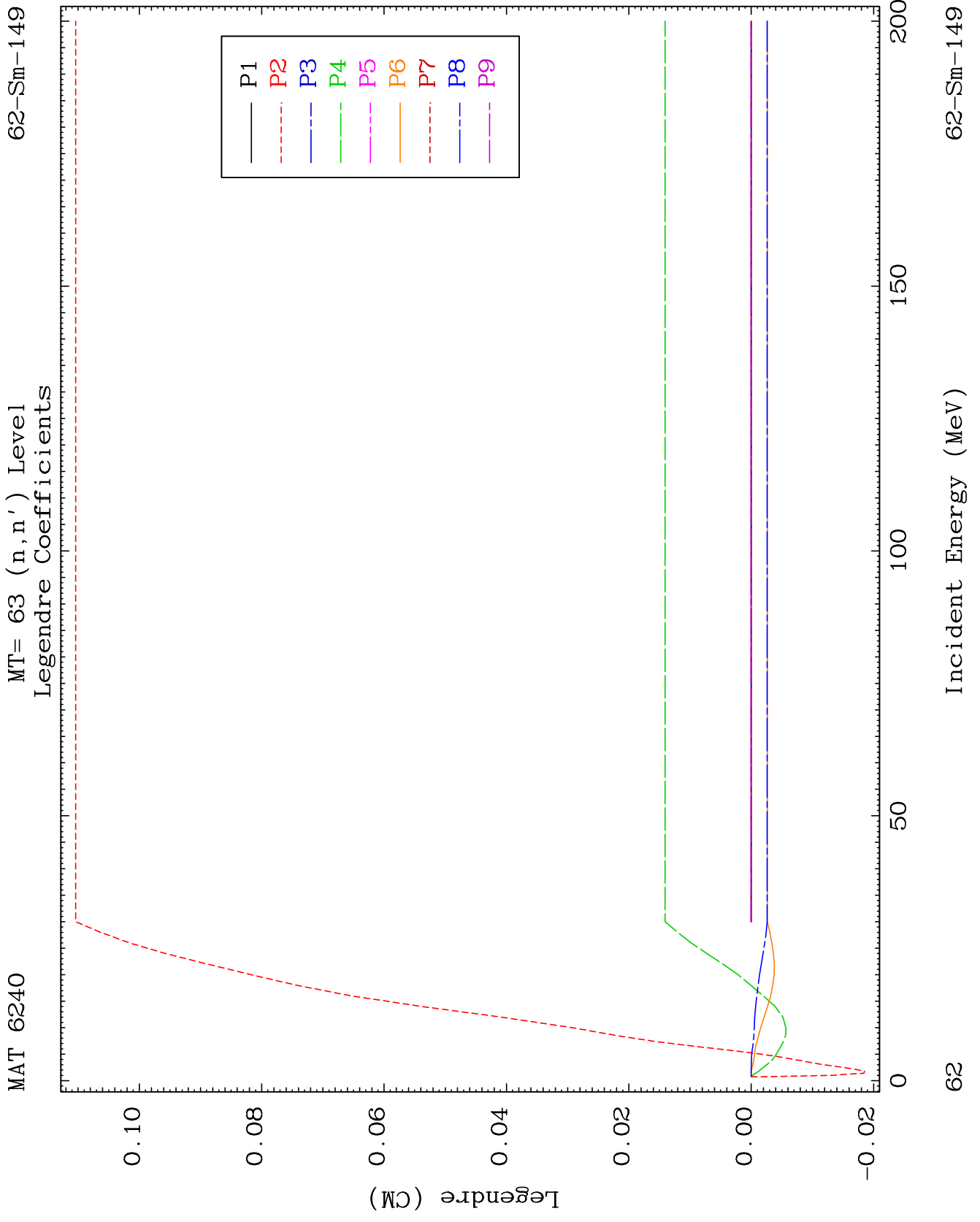
58

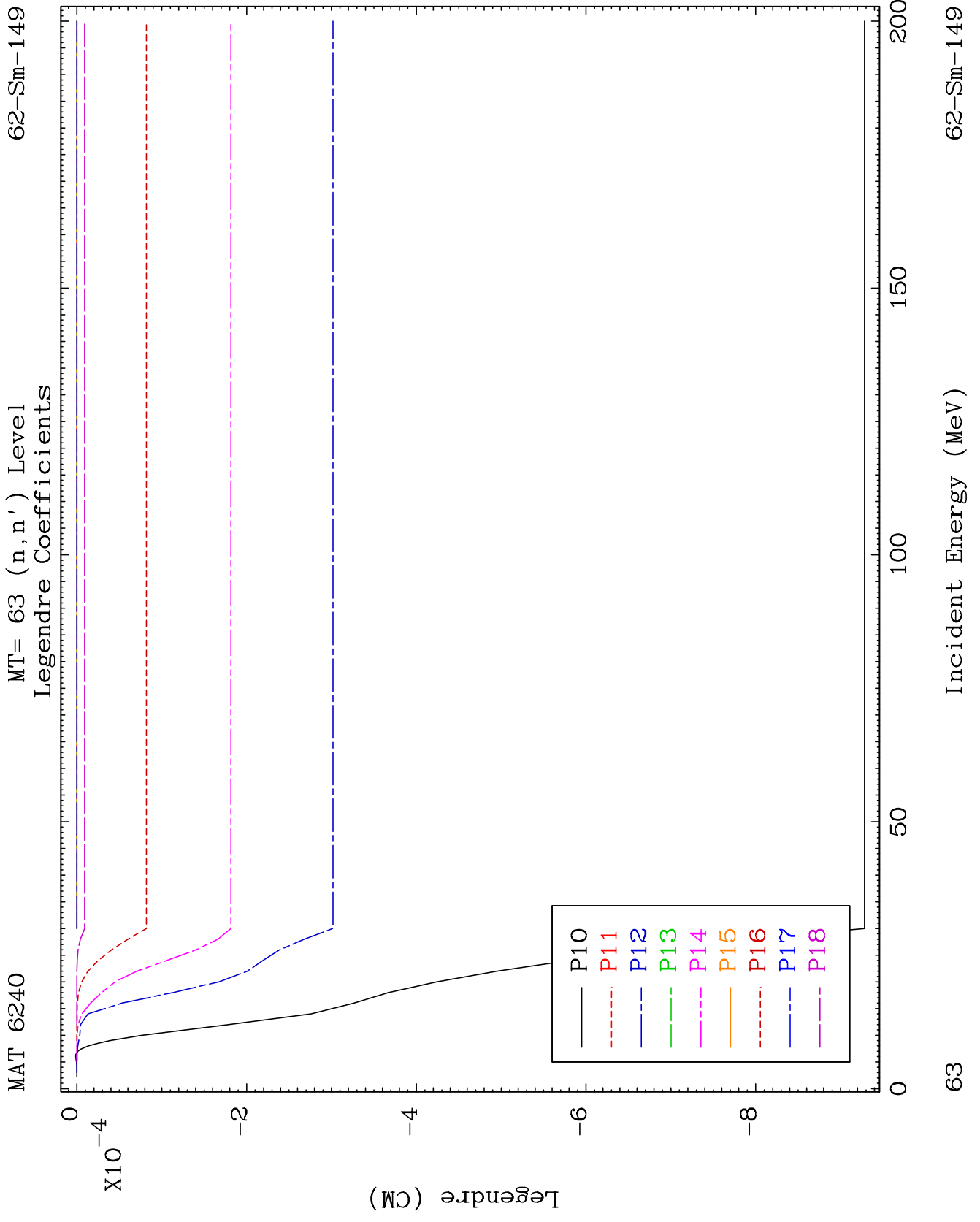
62-Sm-149







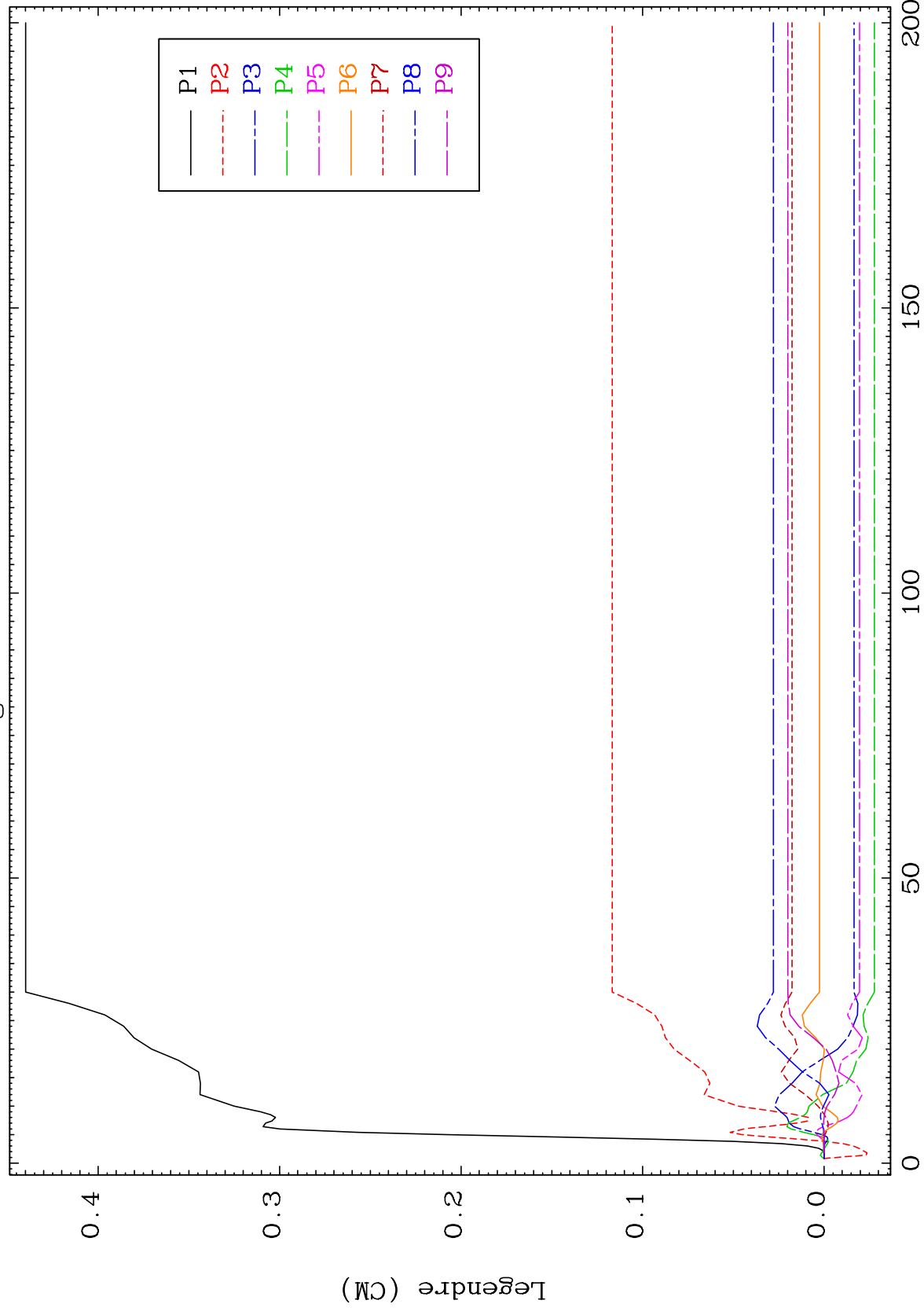




MAT 6240

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

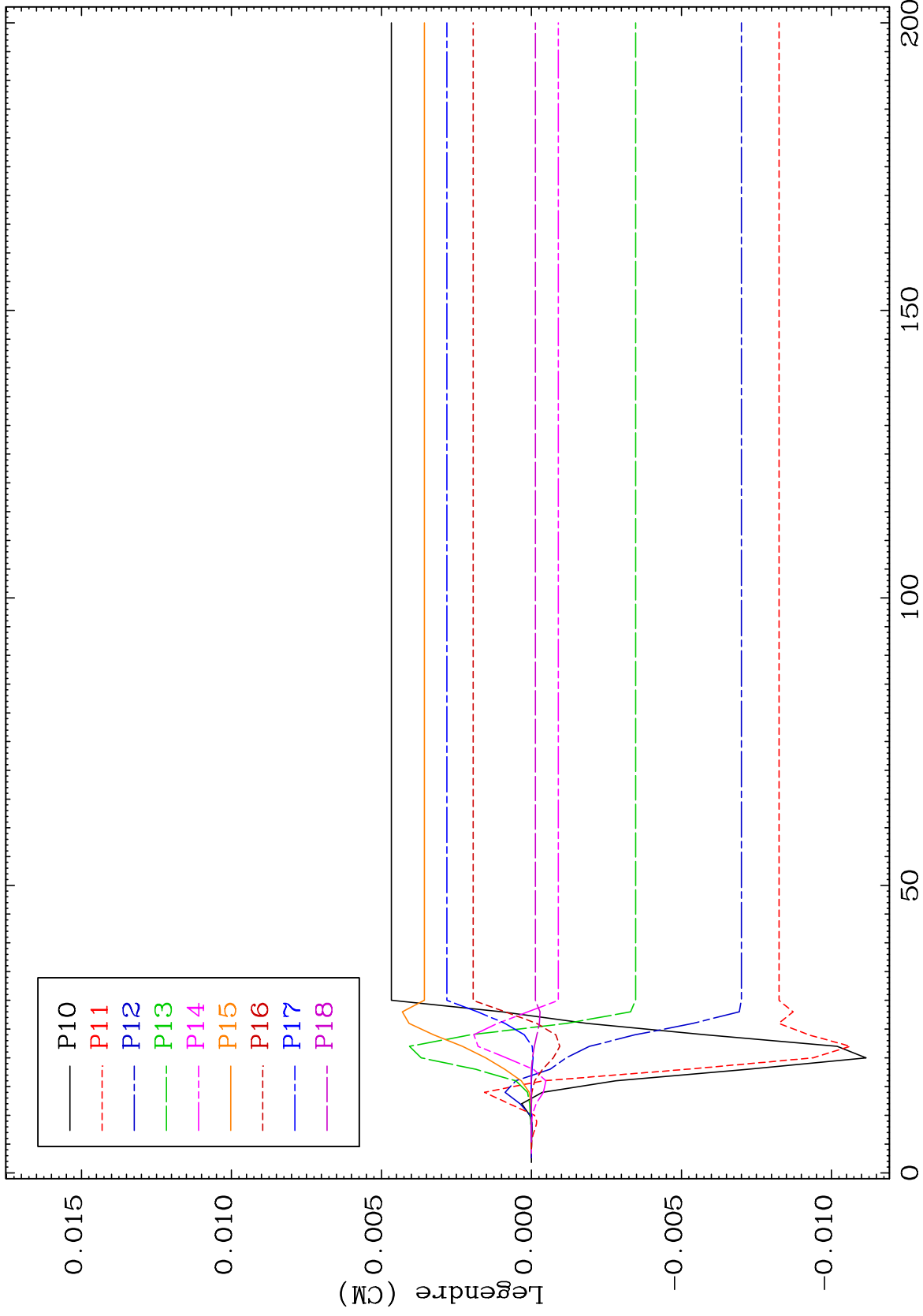
62-Sm-149

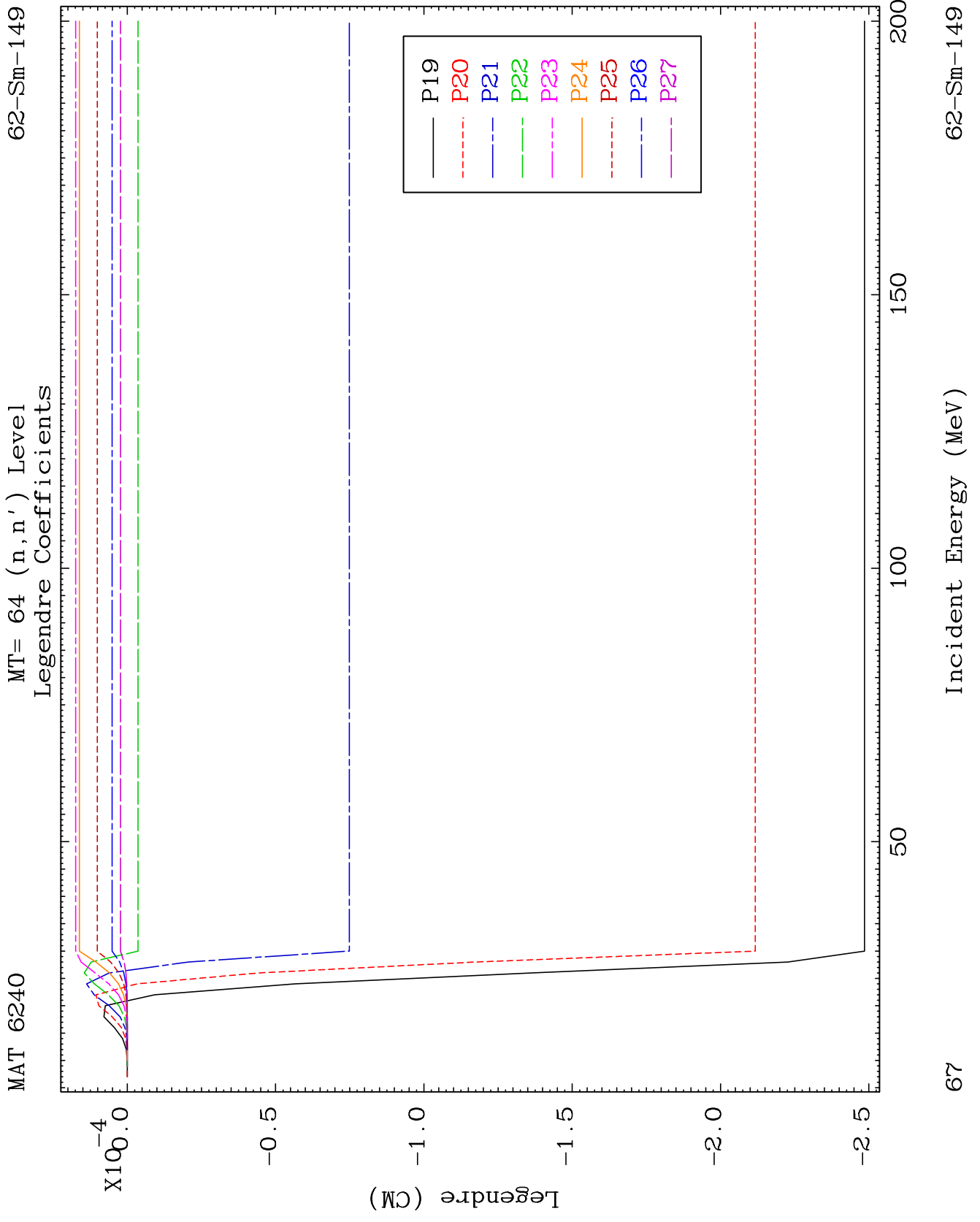


65

Incident Energy (MeV)

62-Sm-149

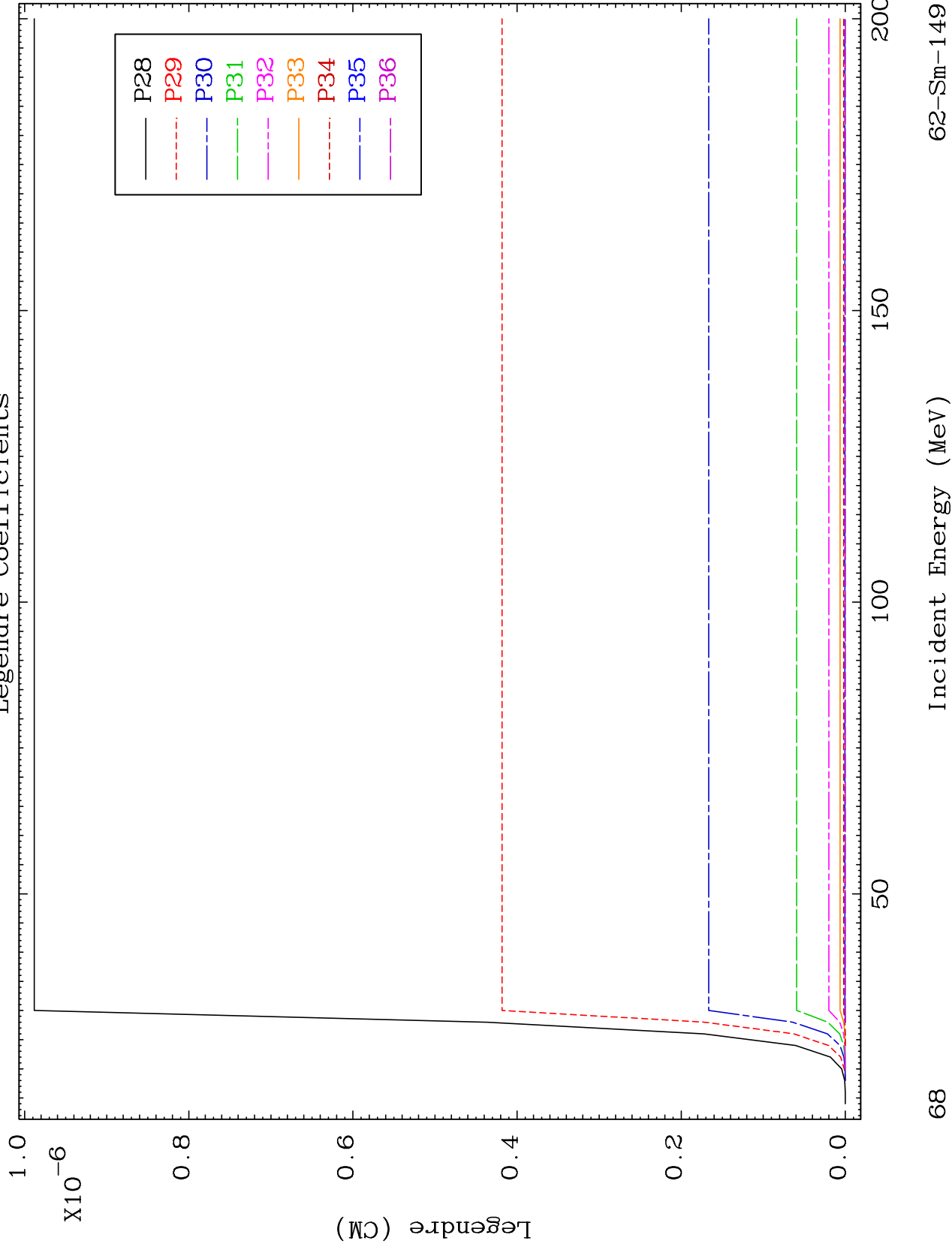




MAT 6240

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

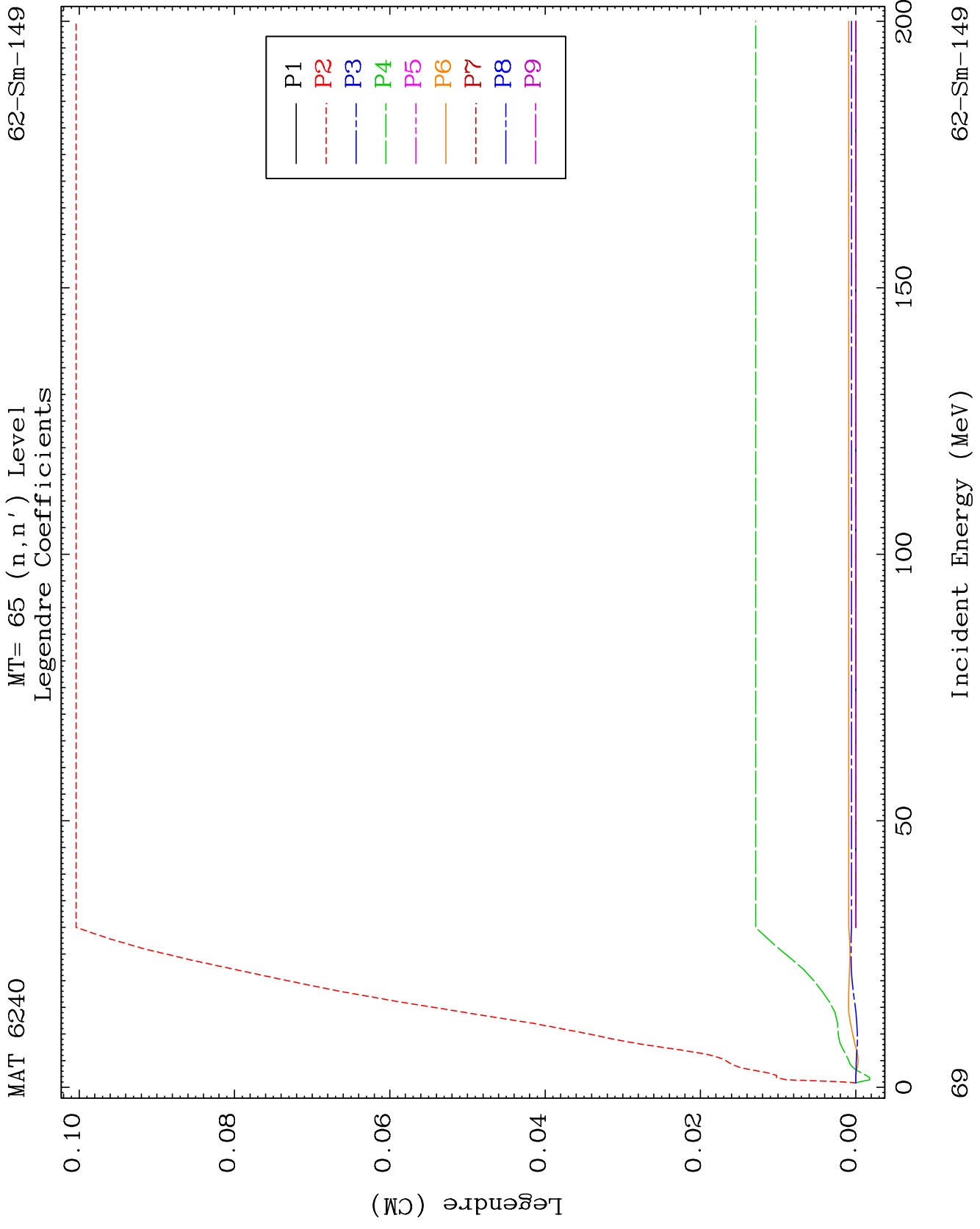
62-Sm-149



68

Incident Energy (MeV)

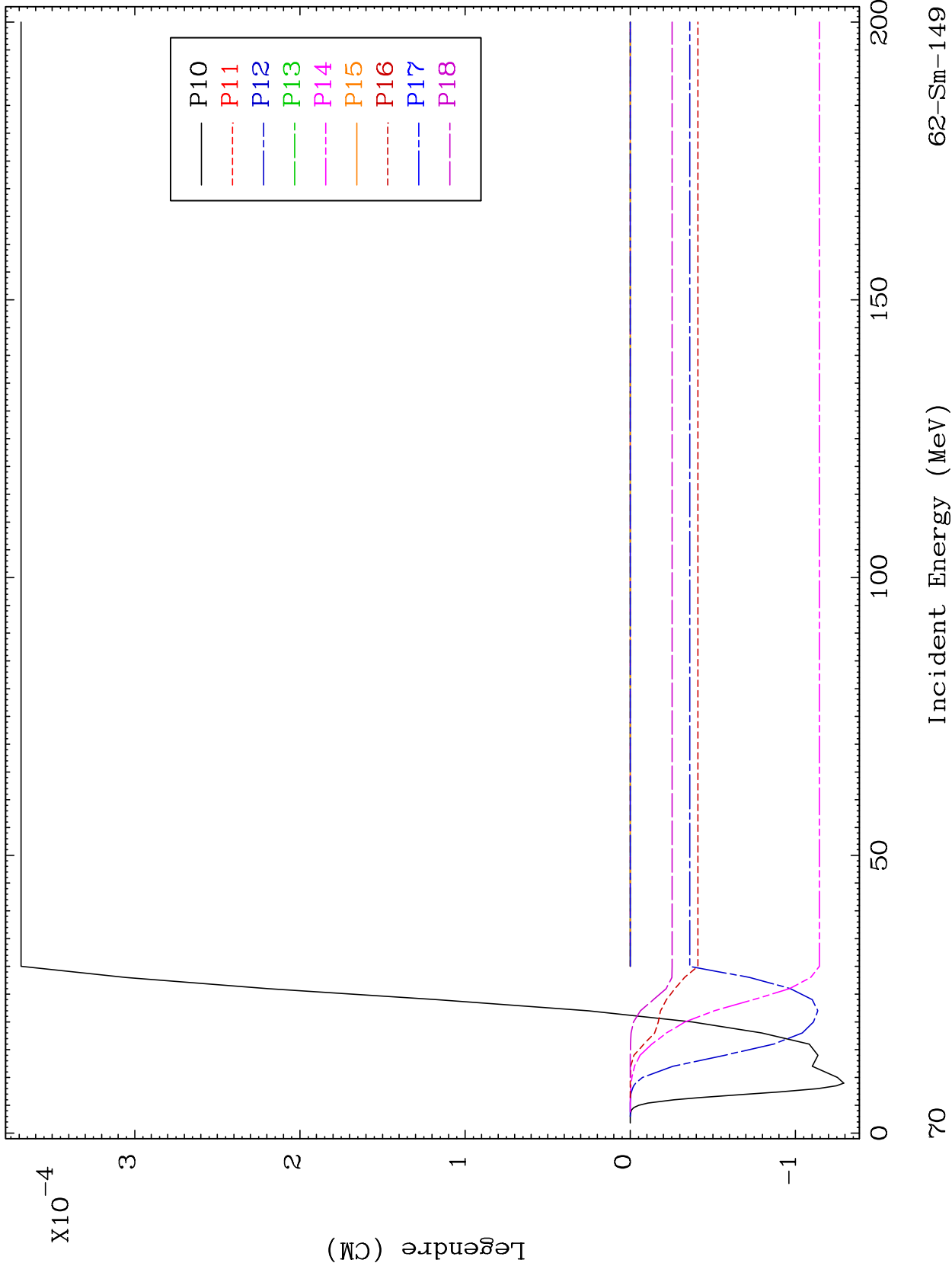
62-Sm-149



MAT 6240

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

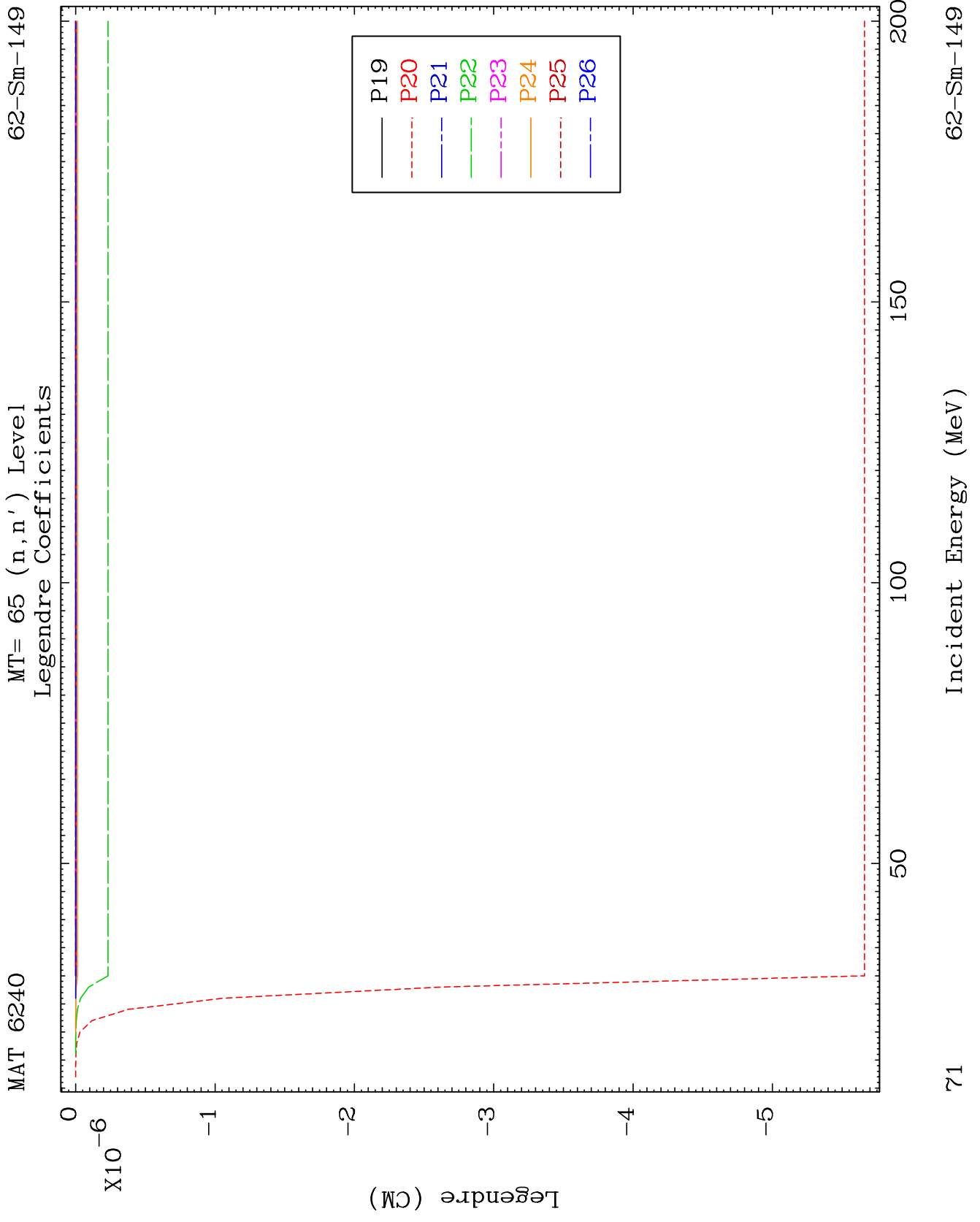
62-Sm-149



62-Sm-149

Incident Energy (MeV)

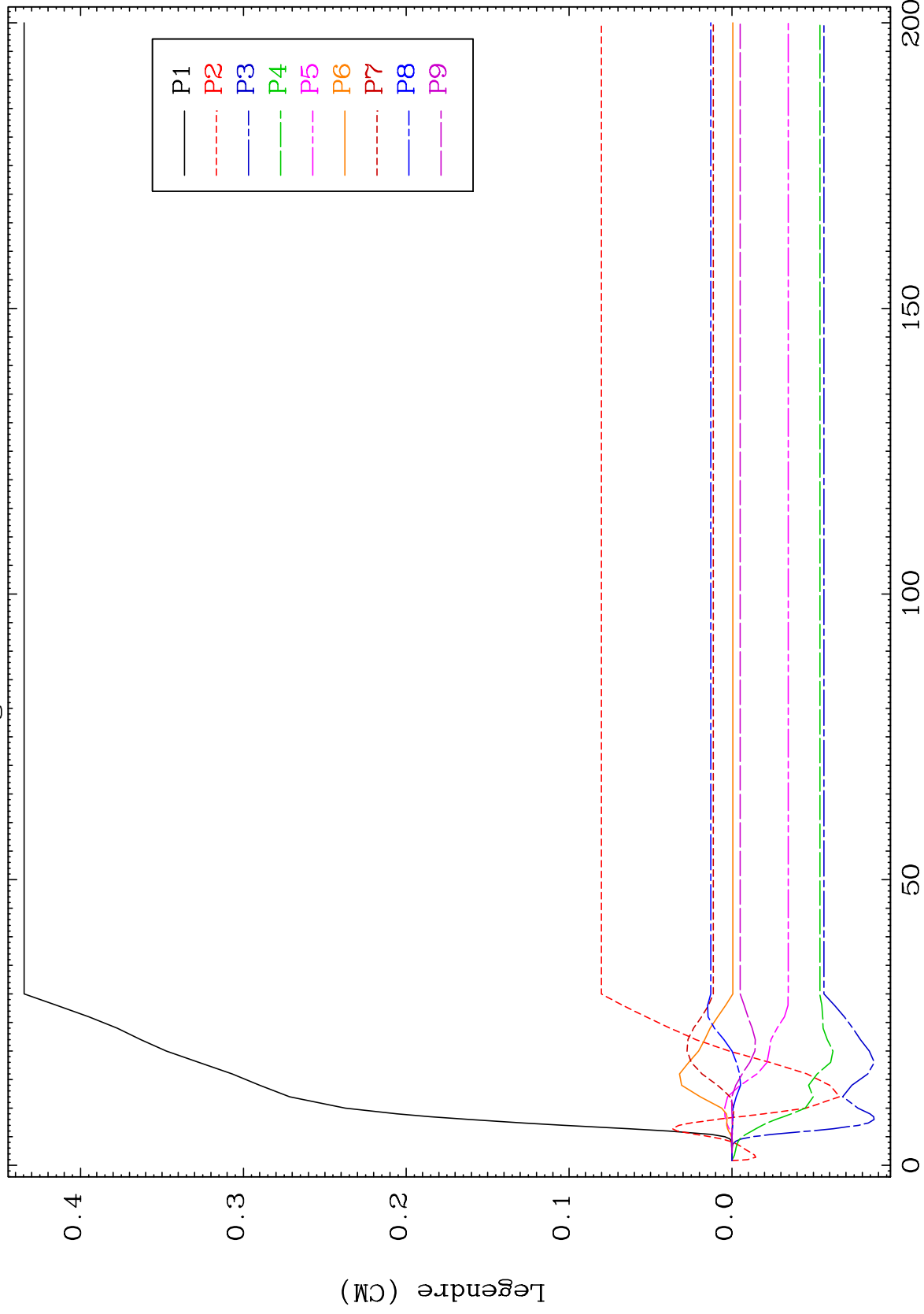
70



MAT 6240

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

62-Sm-149



72

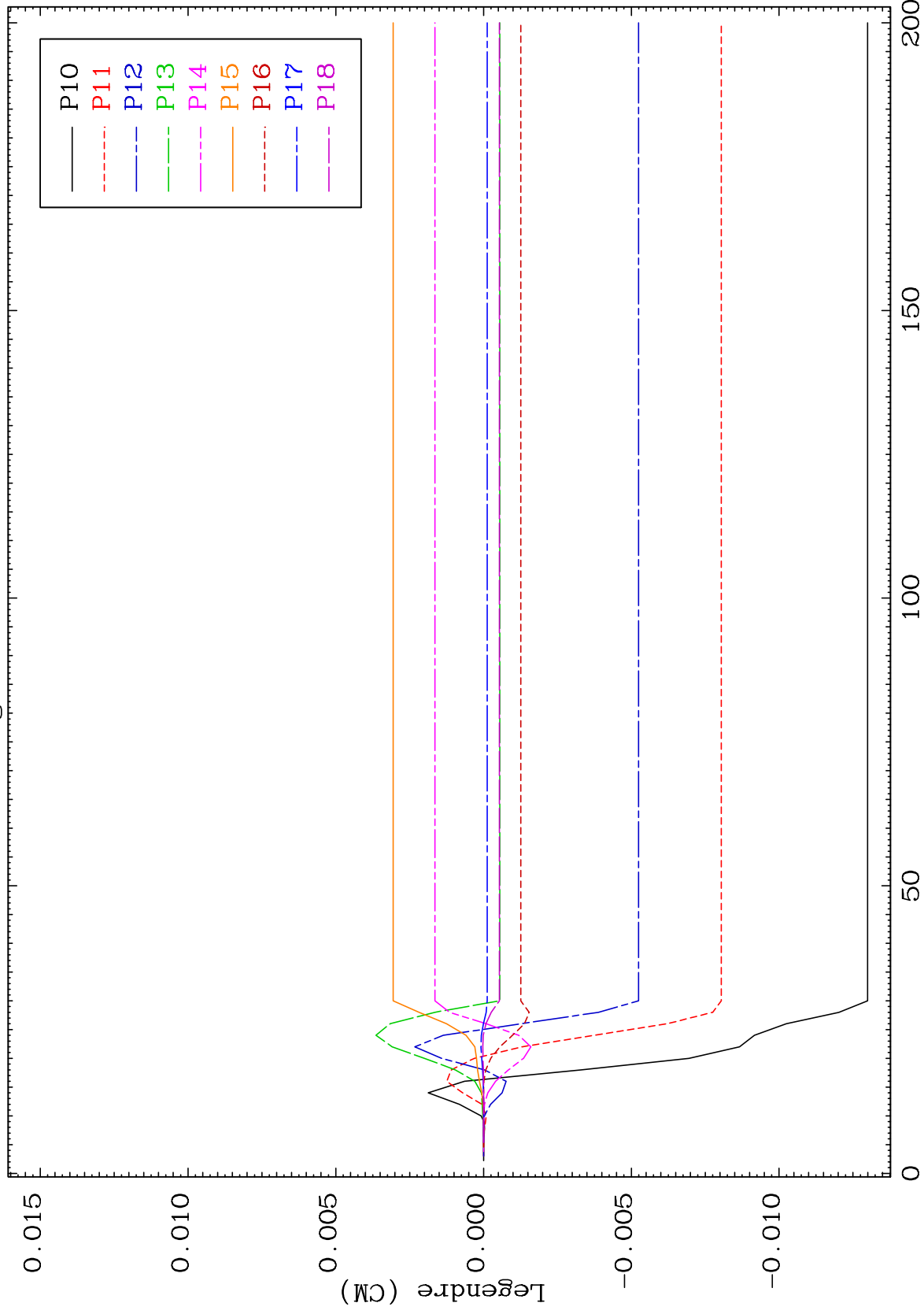
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

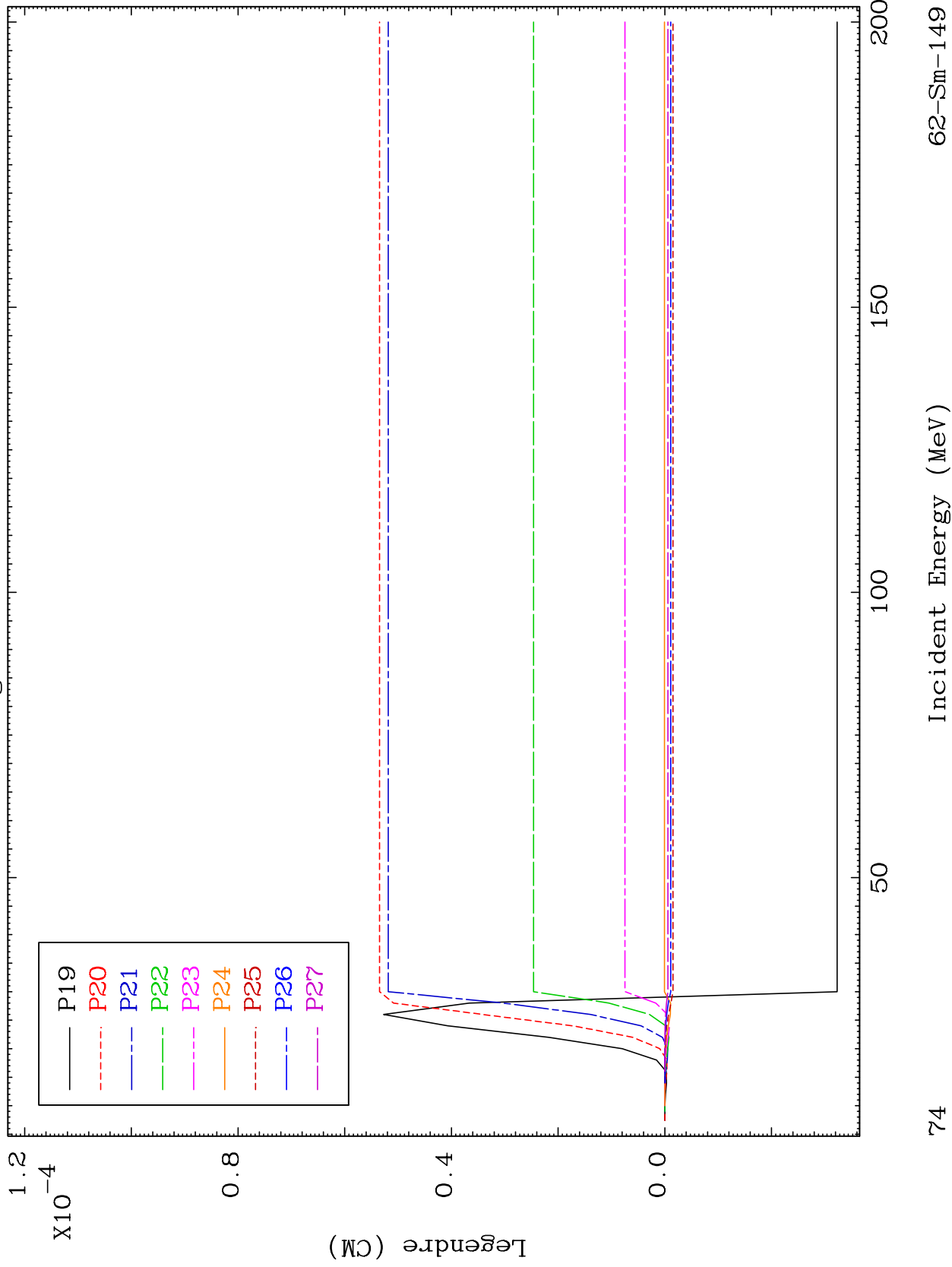
62-Sm-149

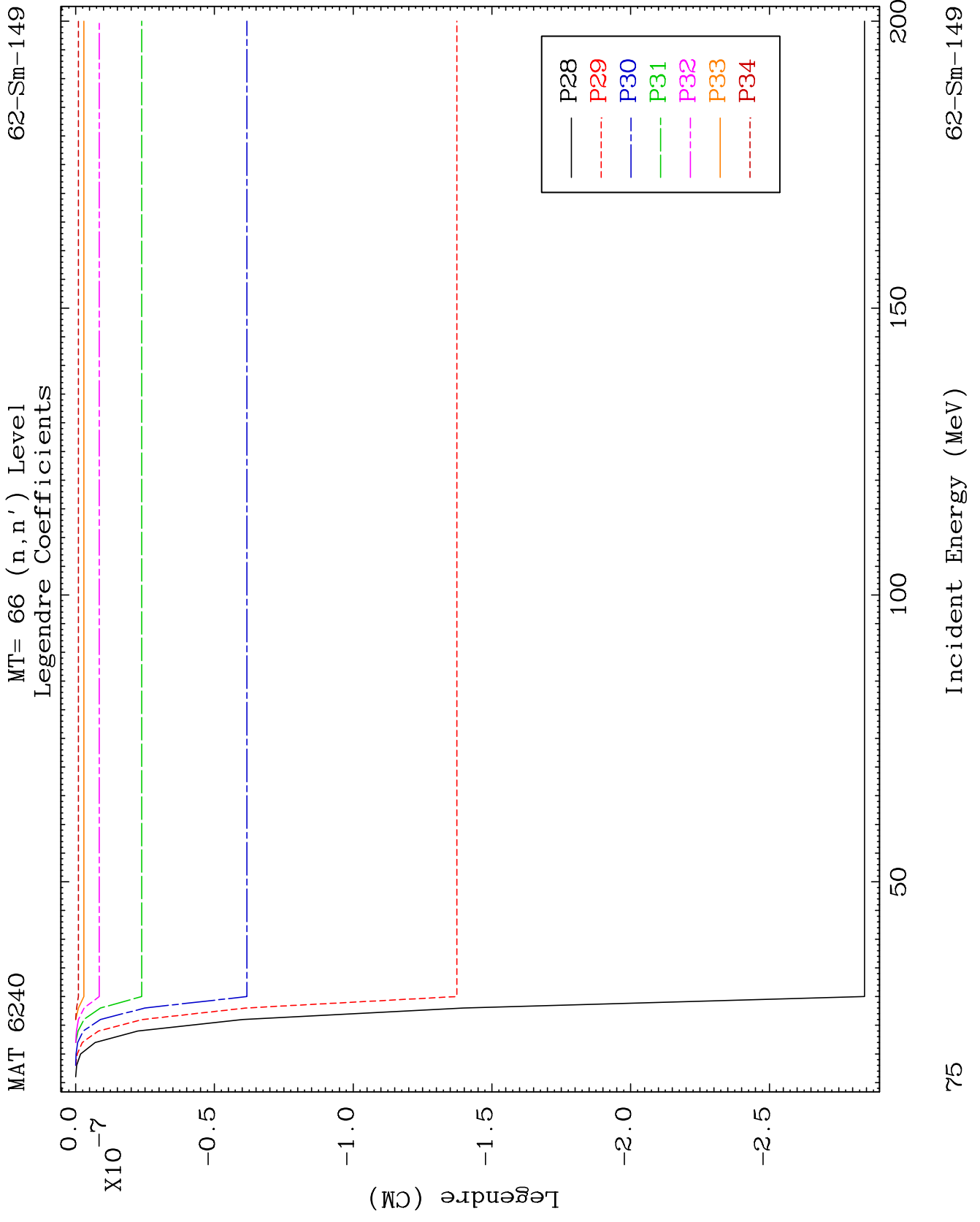


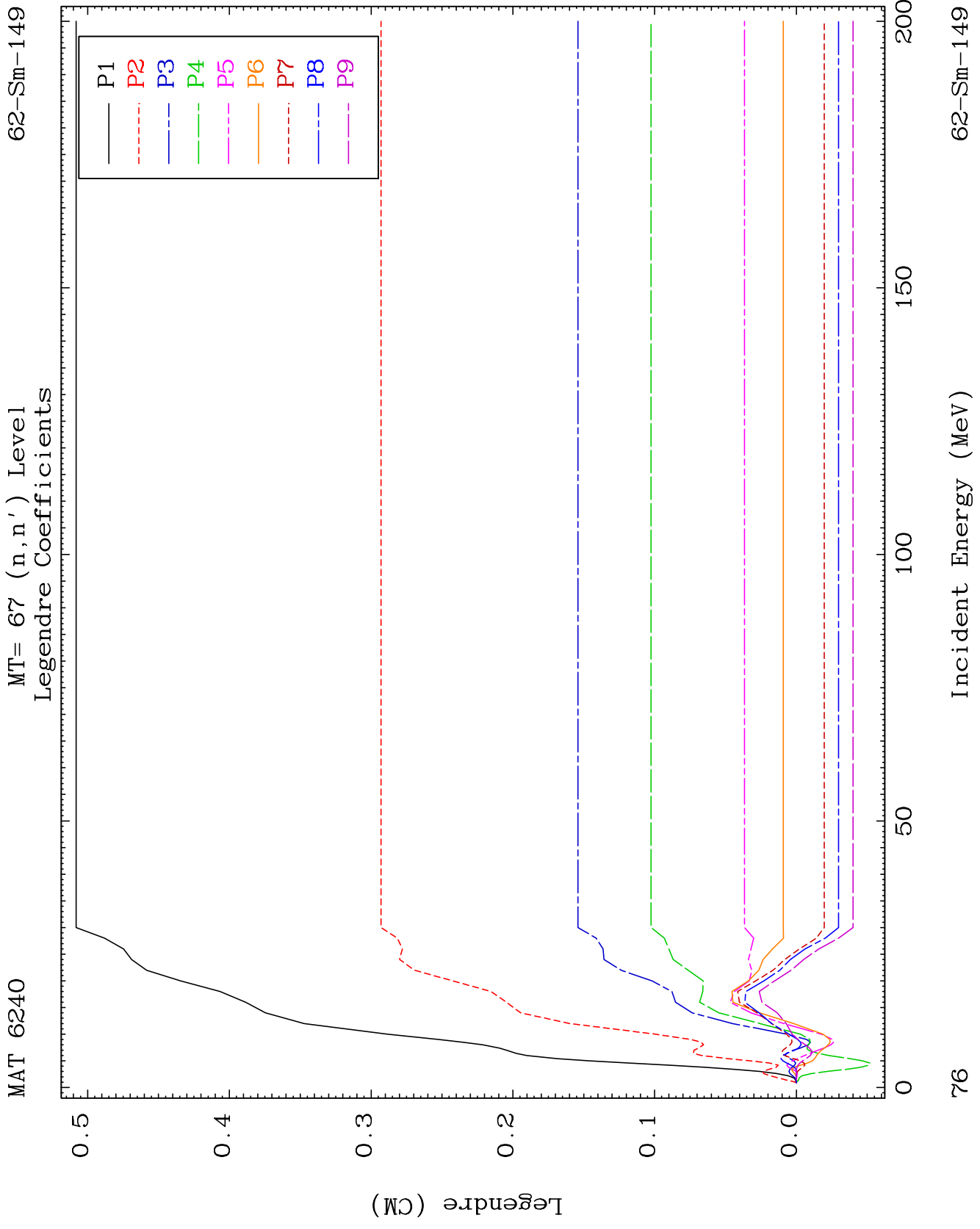
73

Incident Energy (MeV)

62-Sm-149



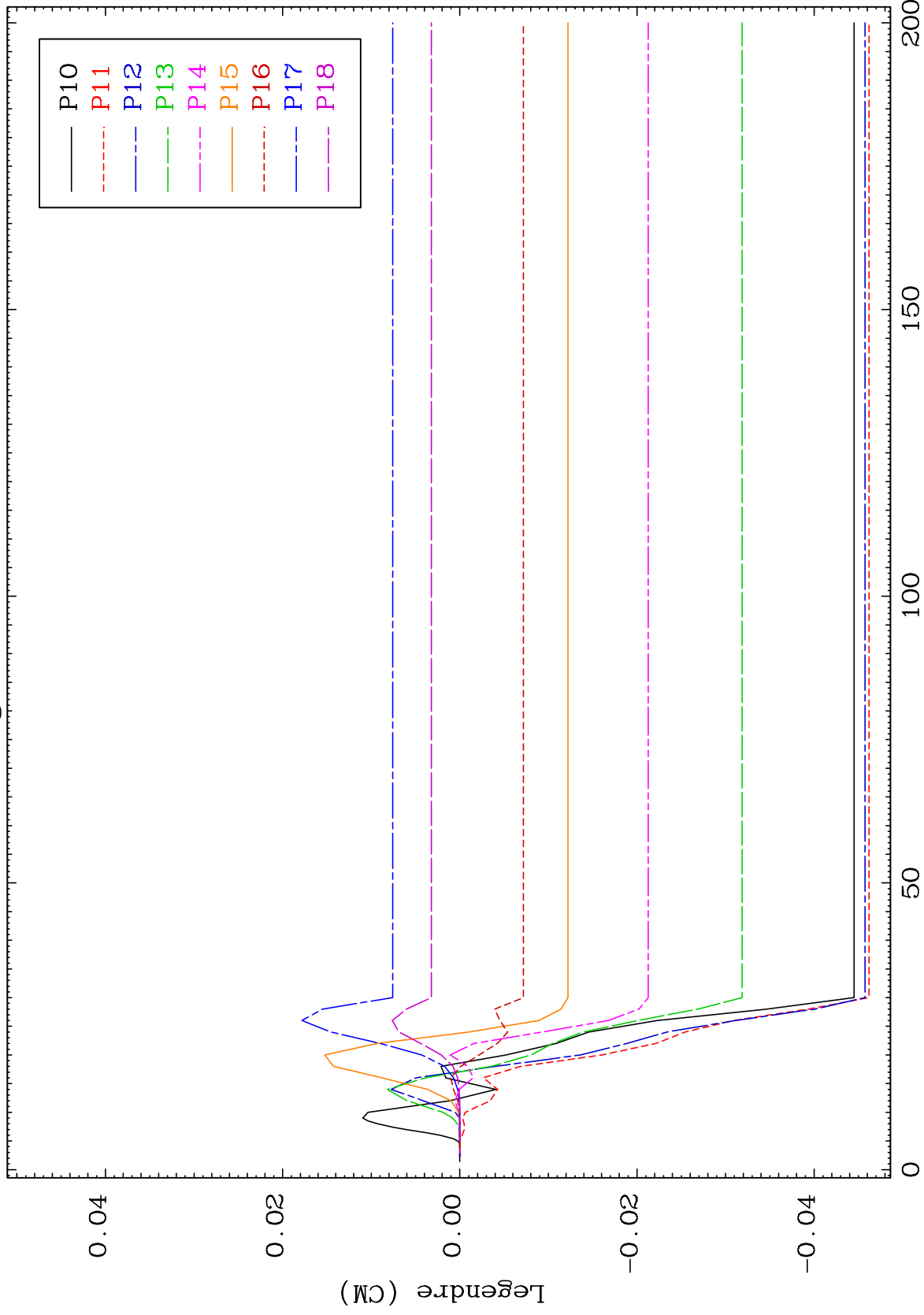




MAT 6240

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

62-Sm-149



77

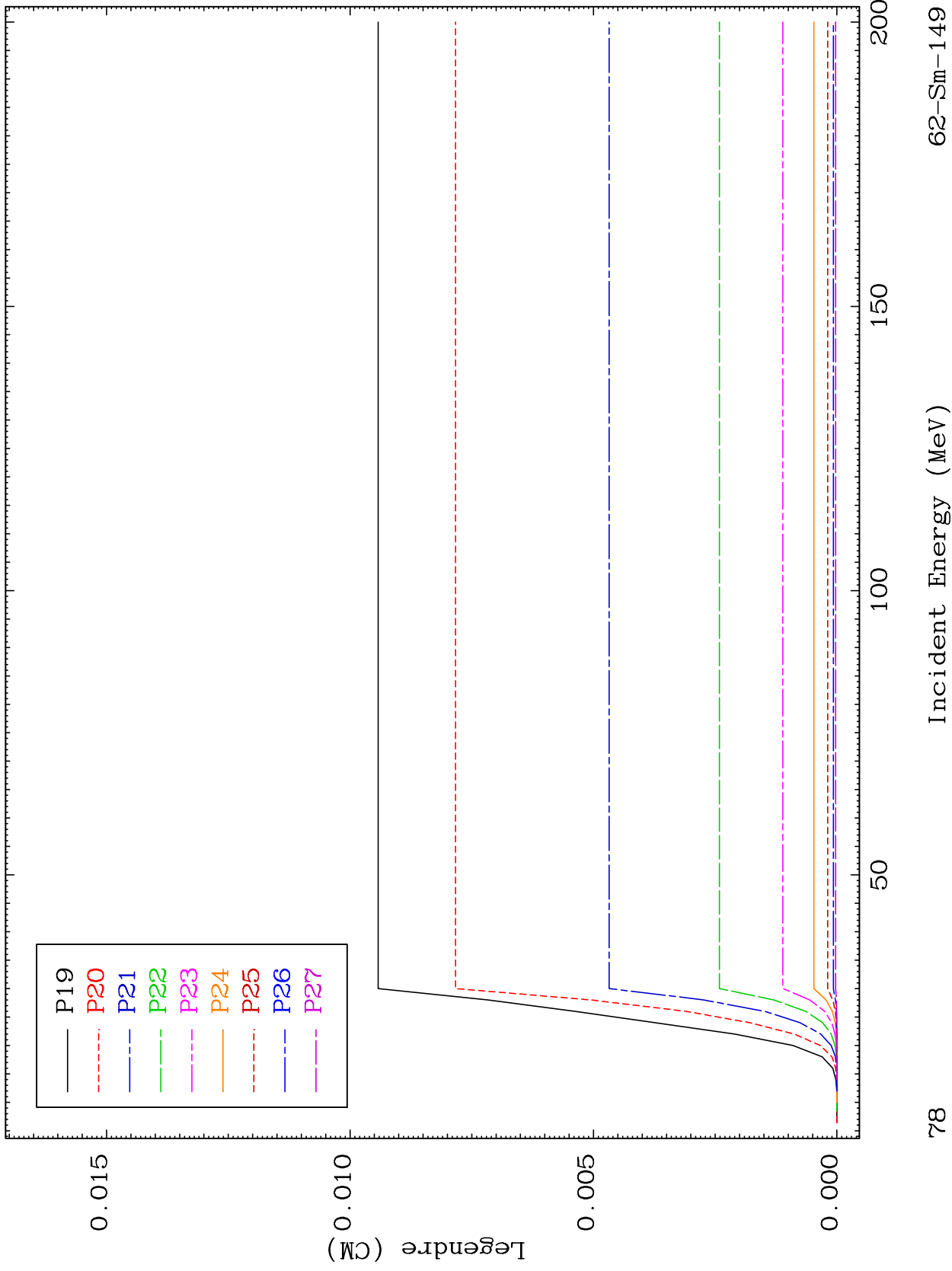
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



78

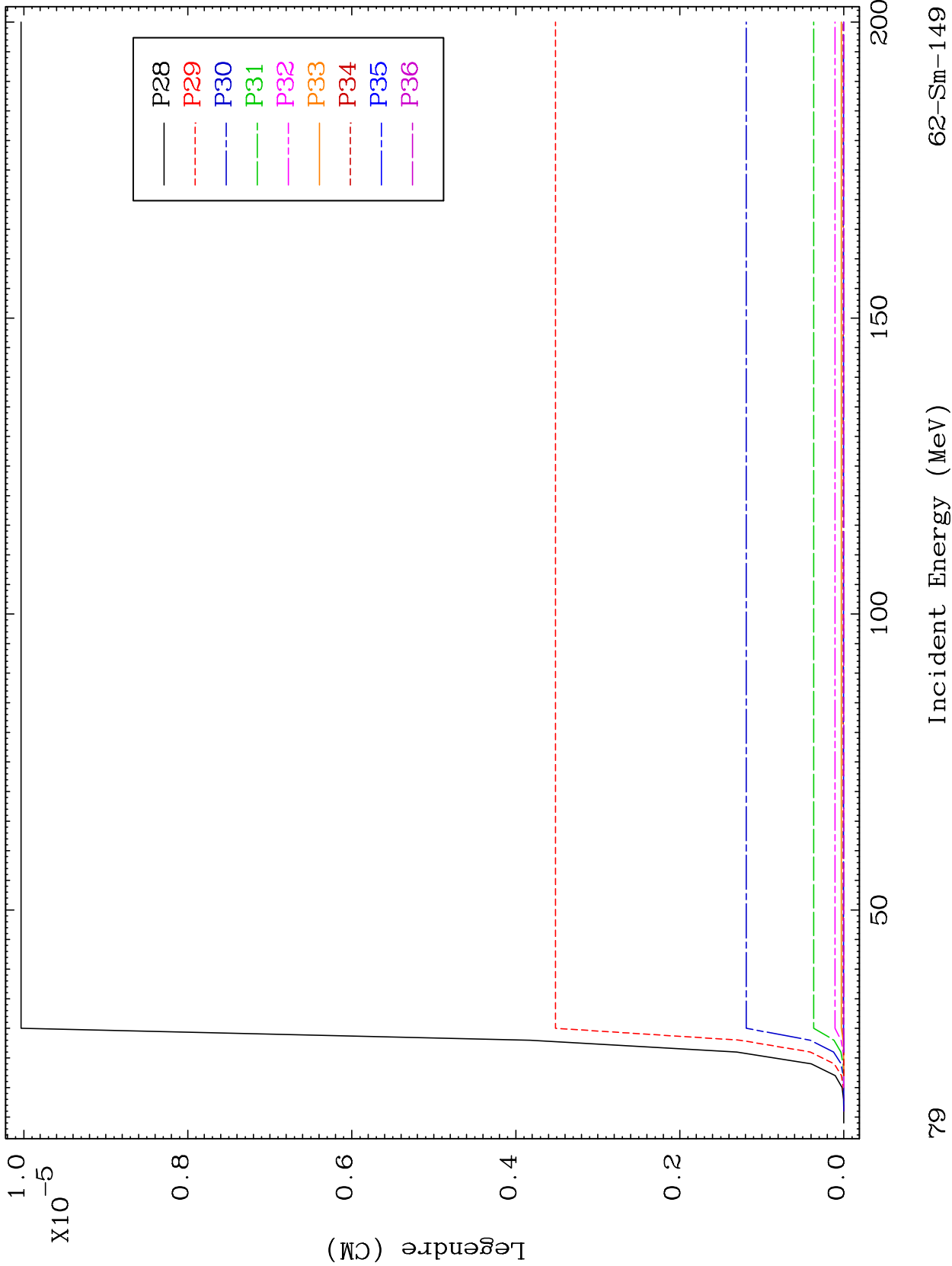
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

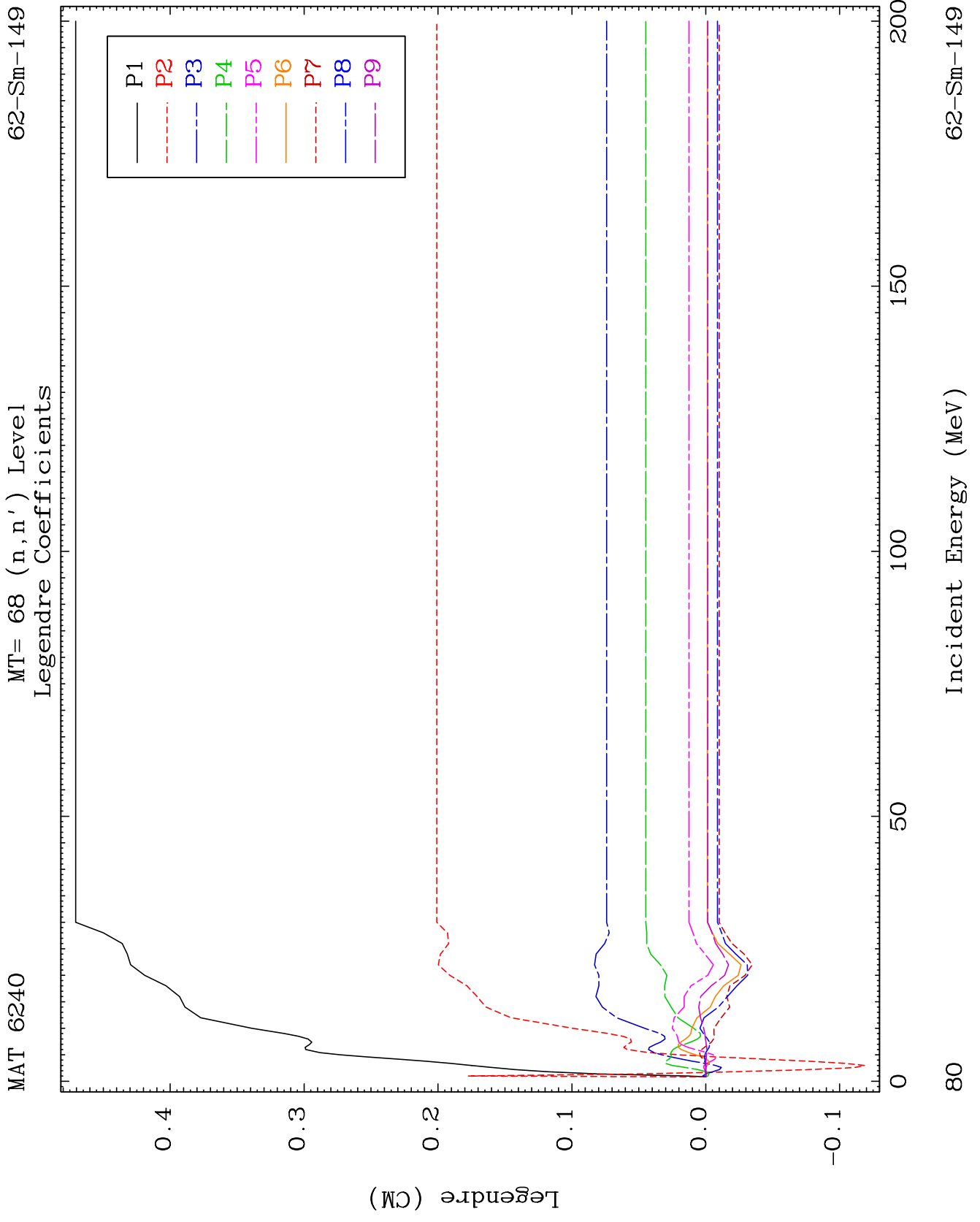
62-Sm-149

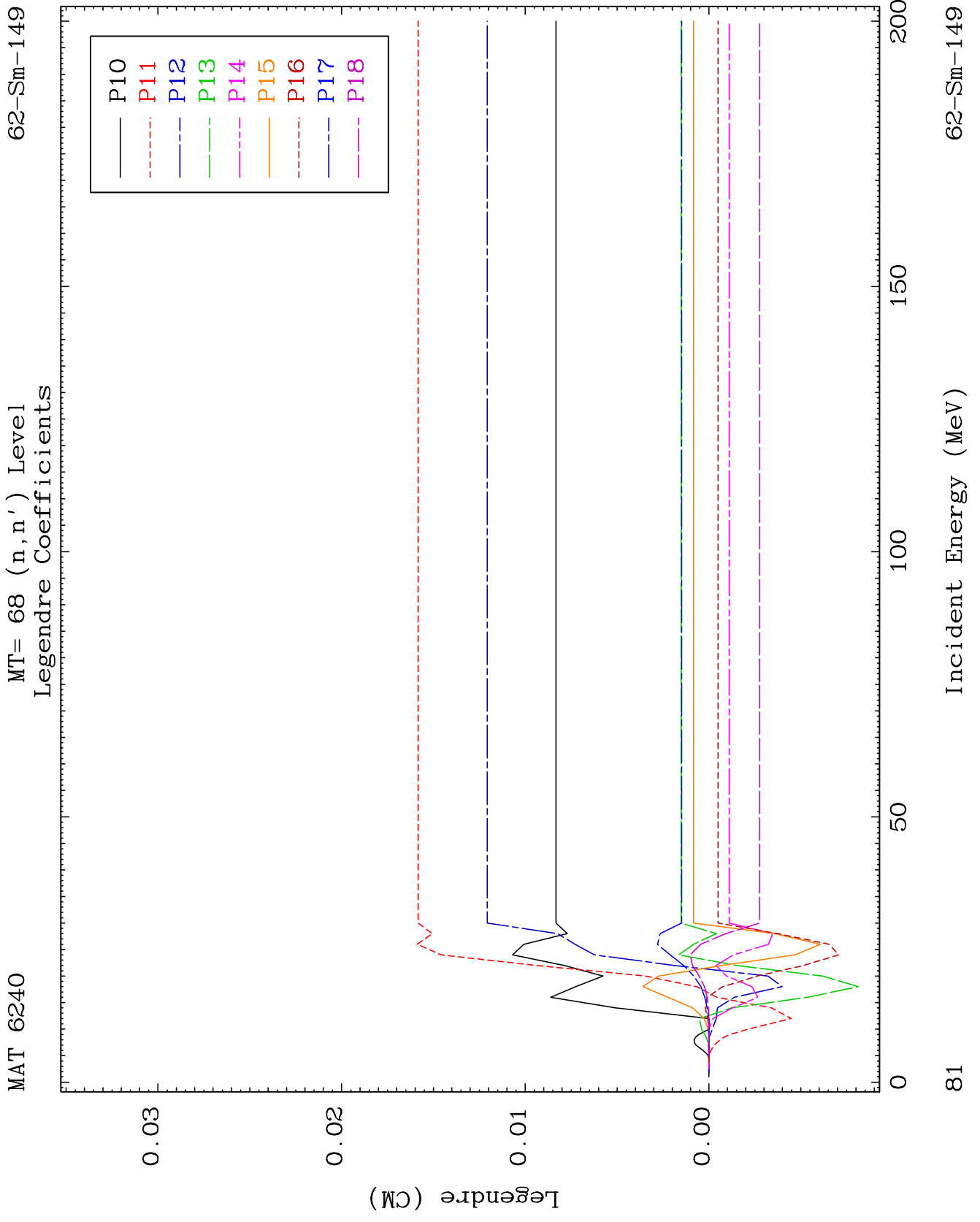


79

Incident Energy (MeV)

62-Sm-149

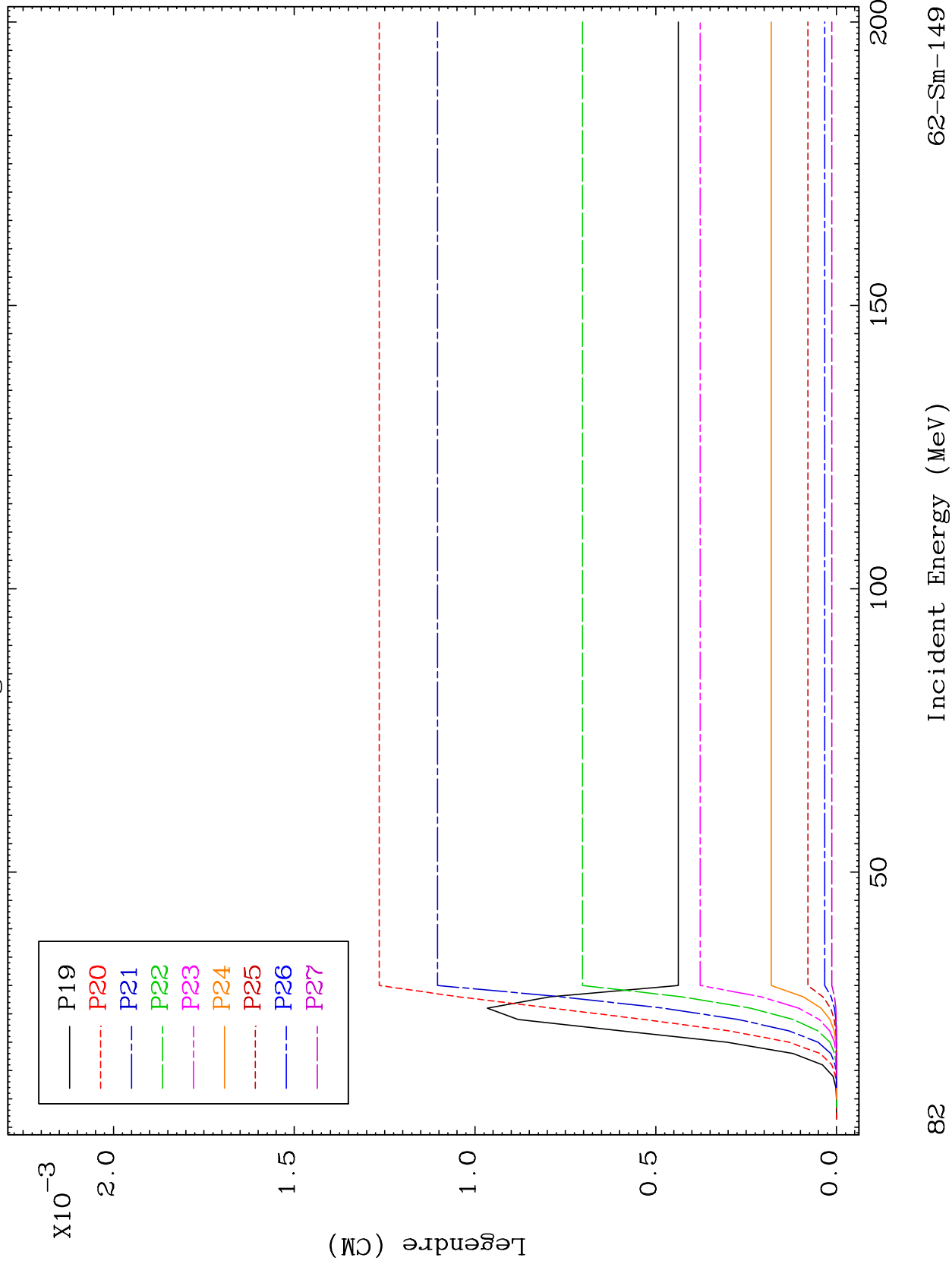


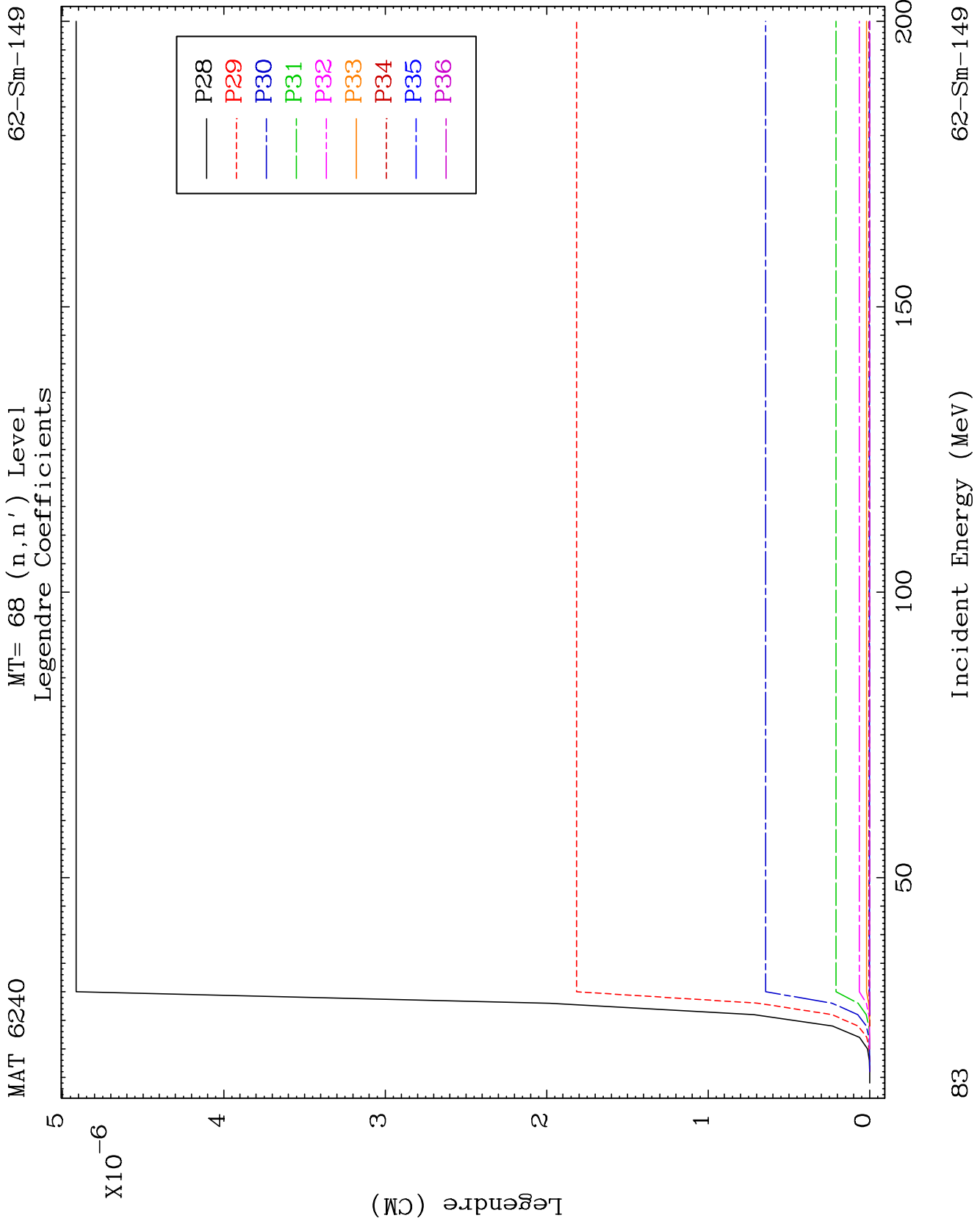


MAT 6240

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

62-Sm-149

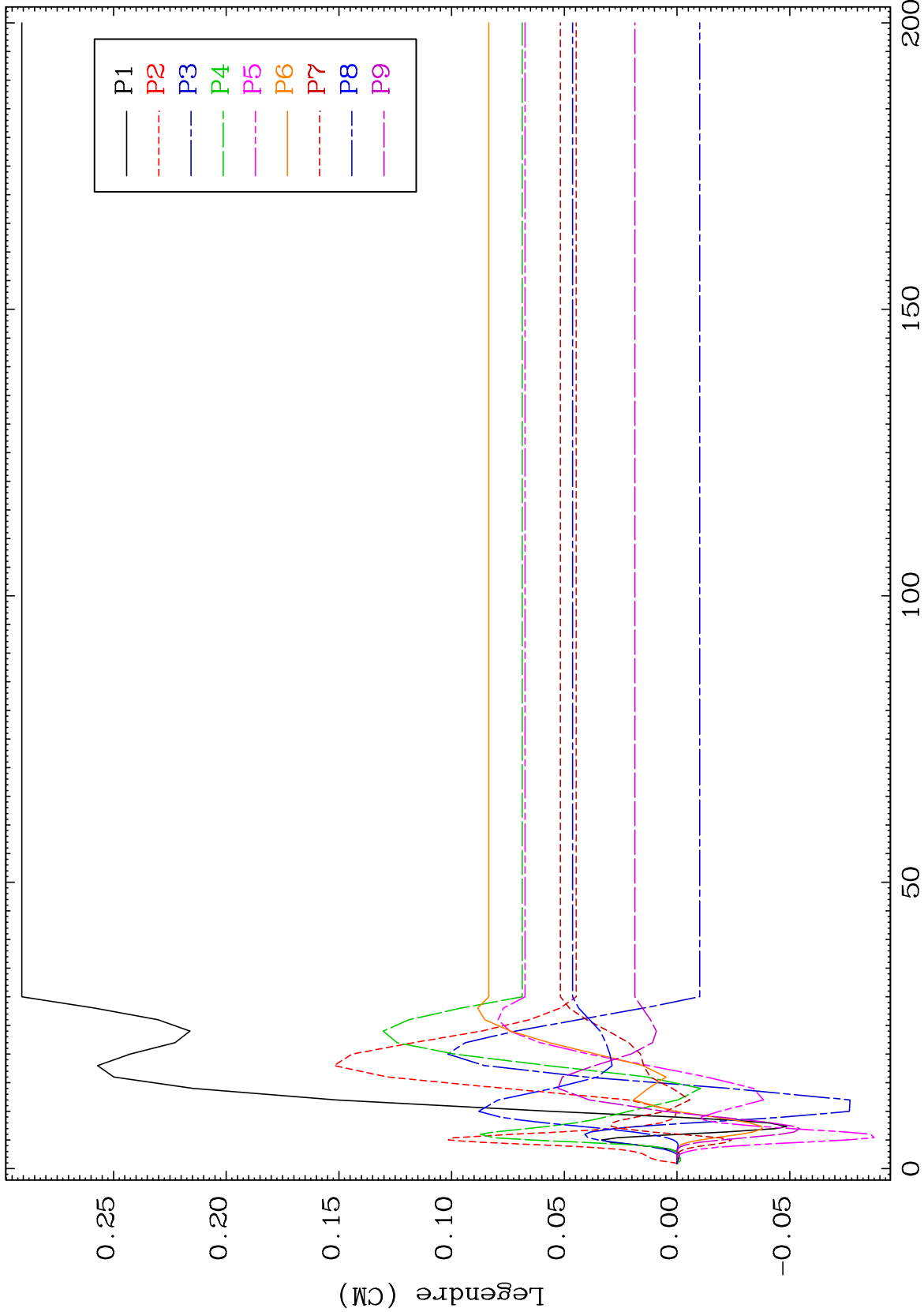




MAT 6240

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

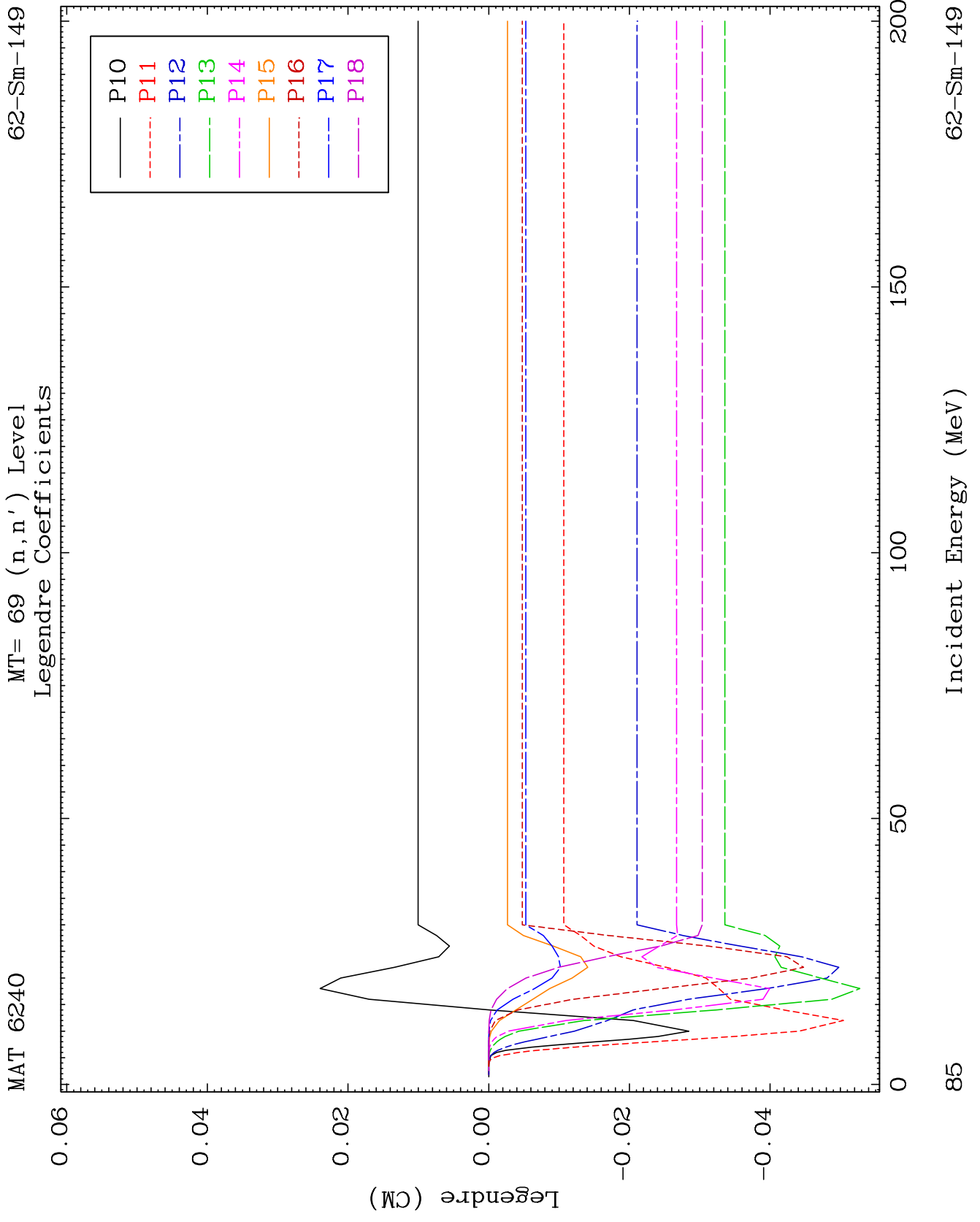
62-Sm-149



84

Incident Energy (MeV)

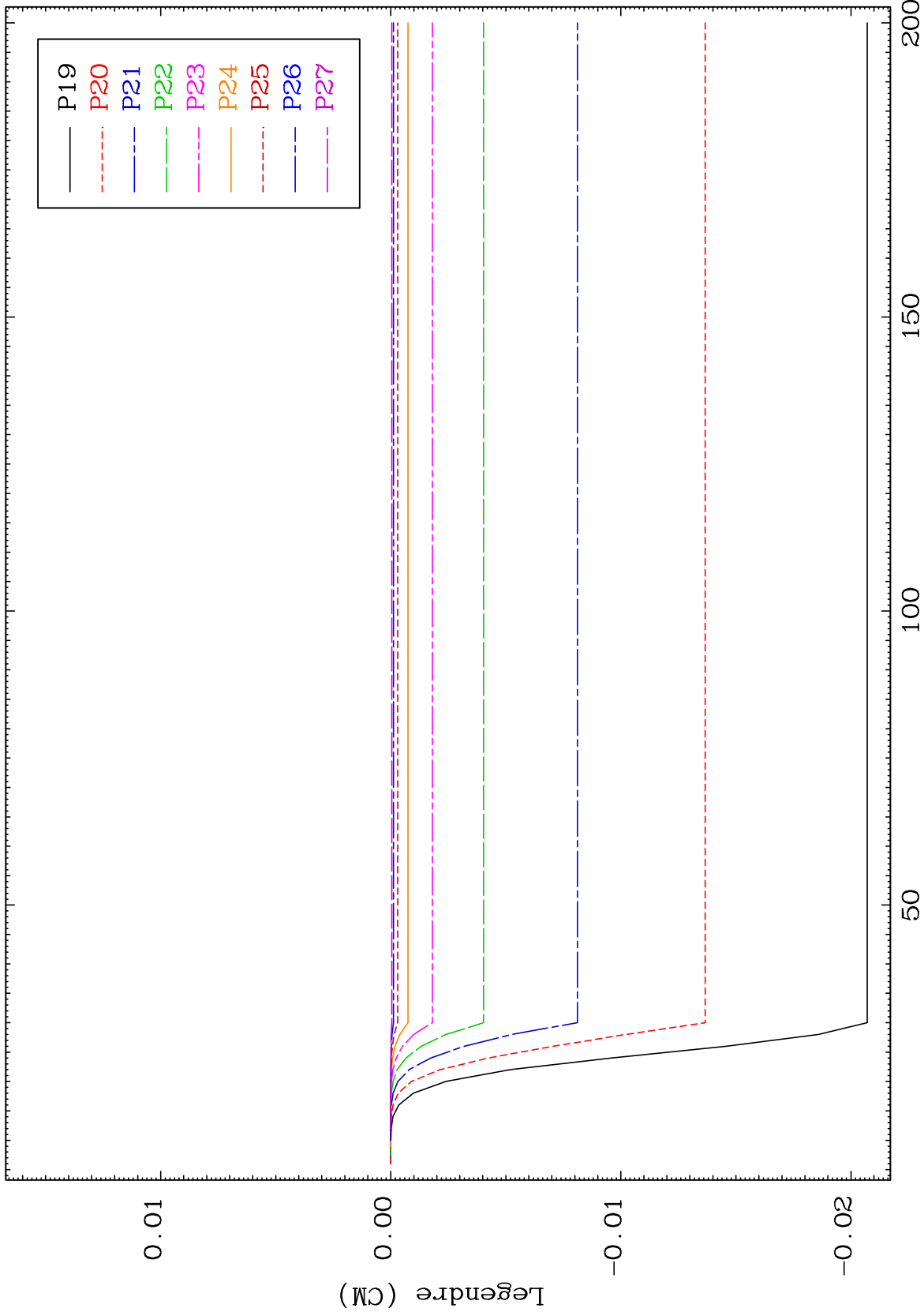
62-Sm-149



MAT 6240

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

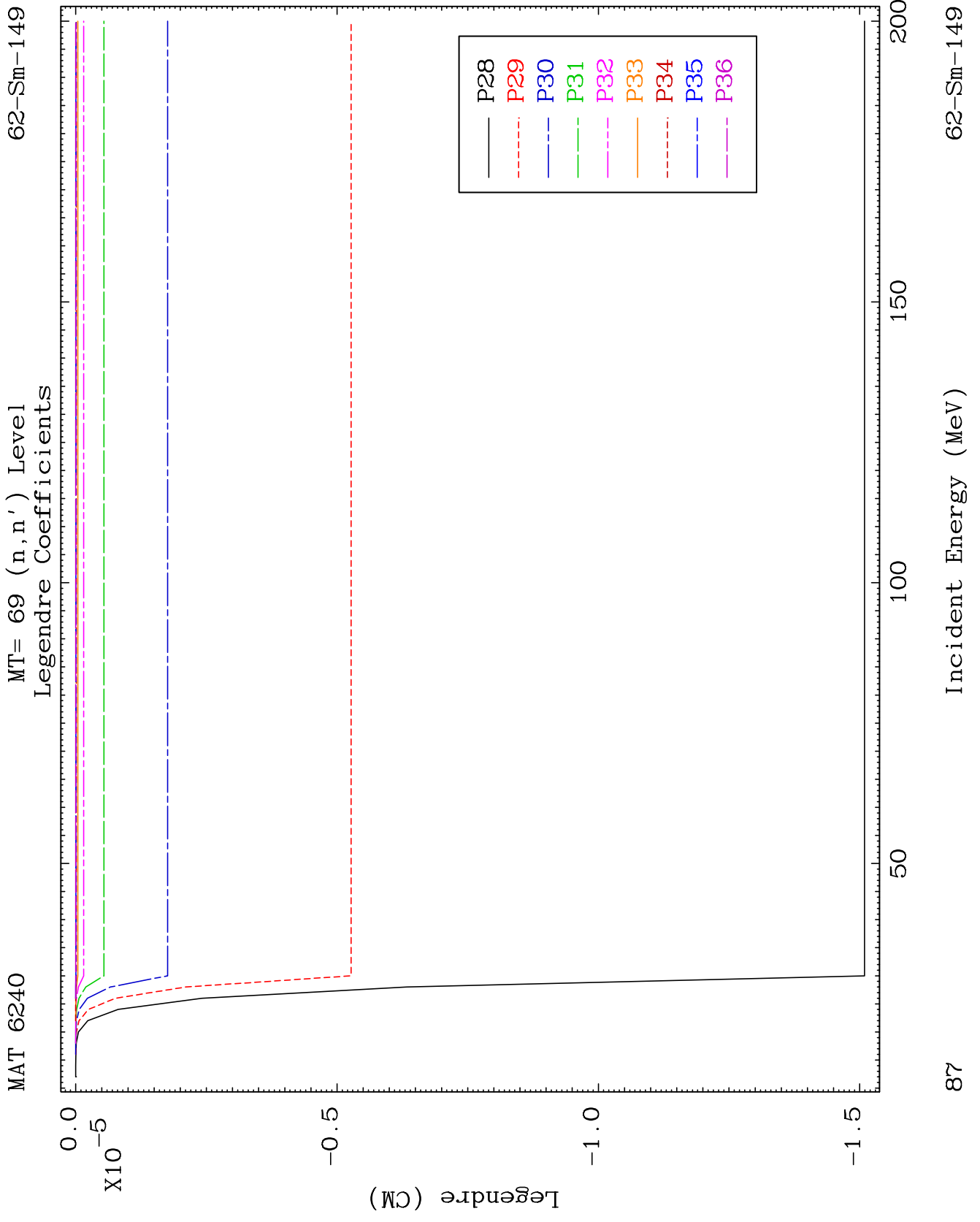
62-Sm-149



86

Incident Energy (MeV)

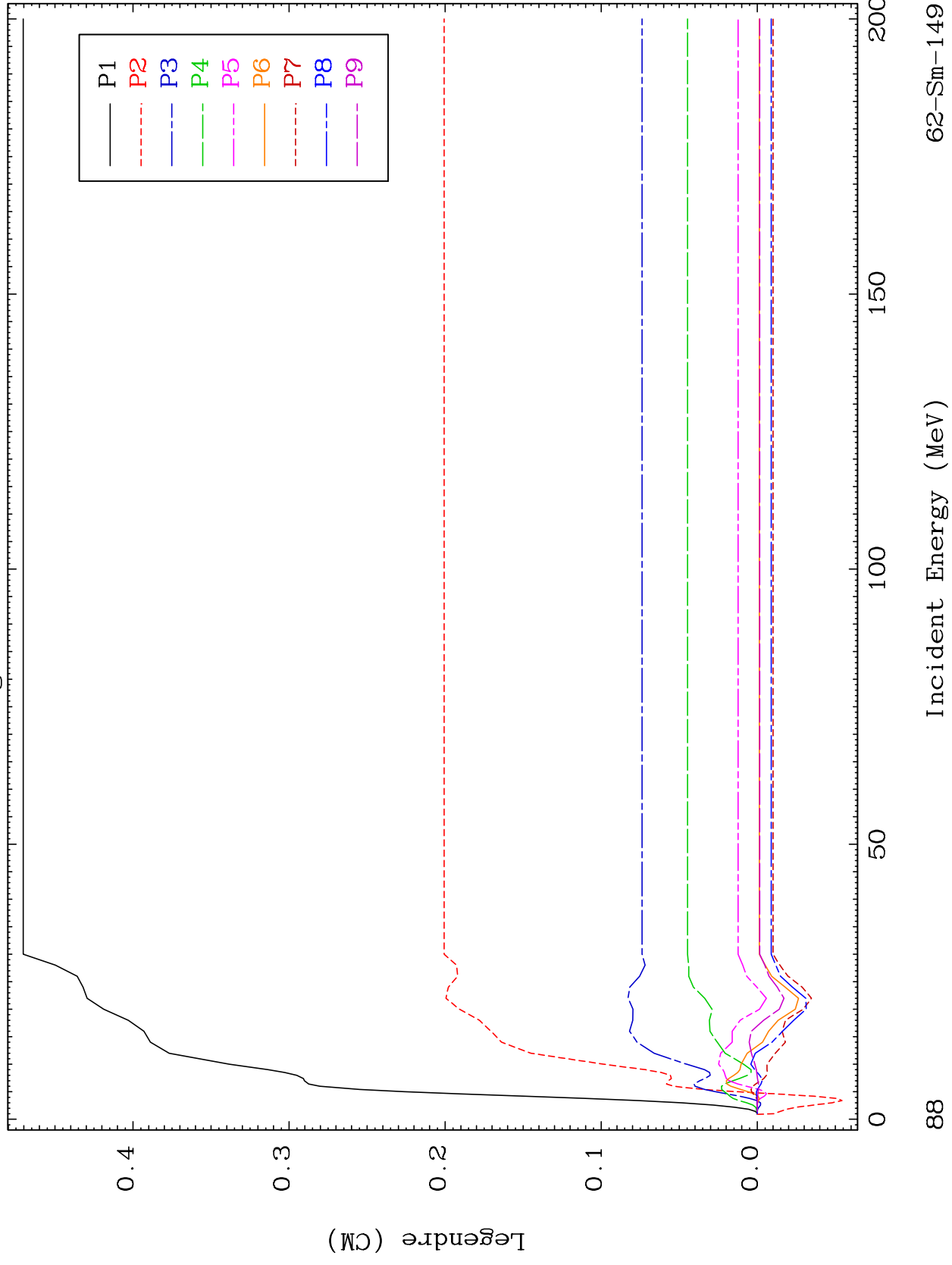
62-Sm-149



MAT 6240

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

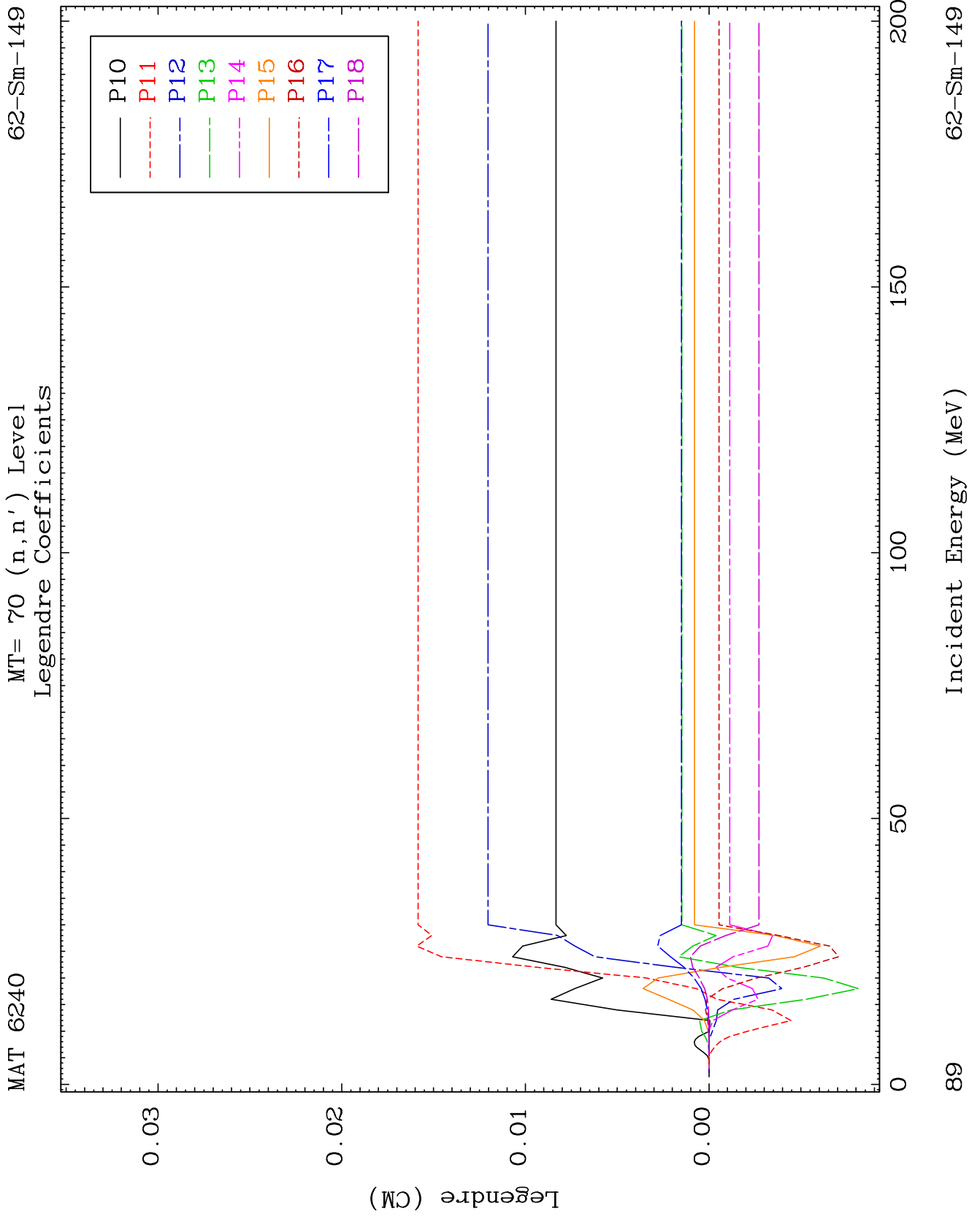
62-Sm-149



88

Incident Energy (MeV)

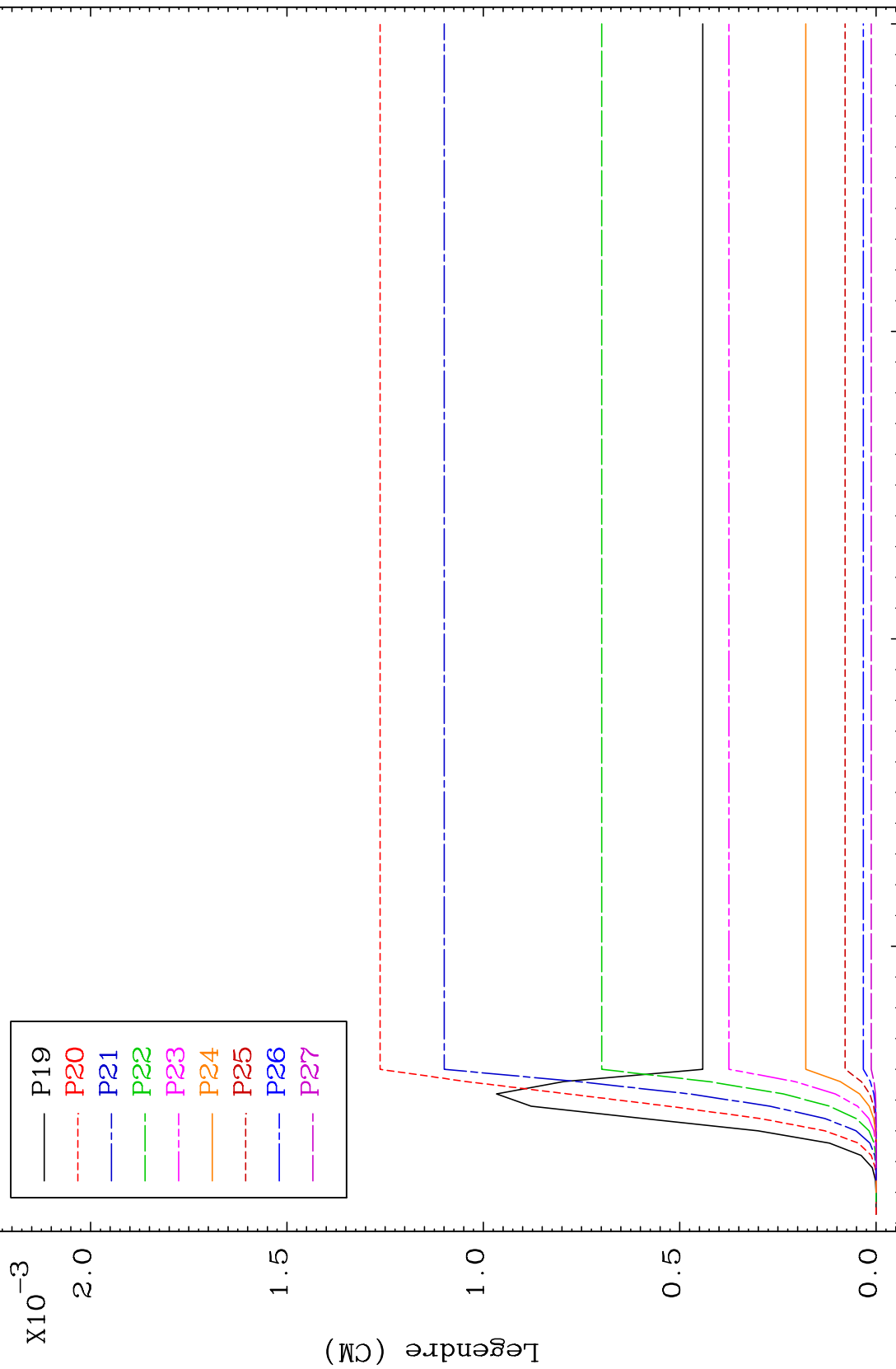
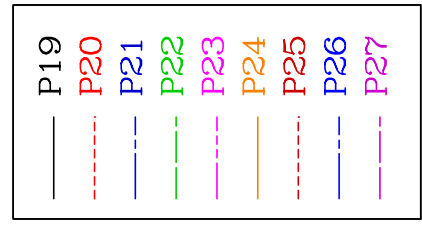
62-Sm-149



MAT 6240

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

62-Sm-149



90

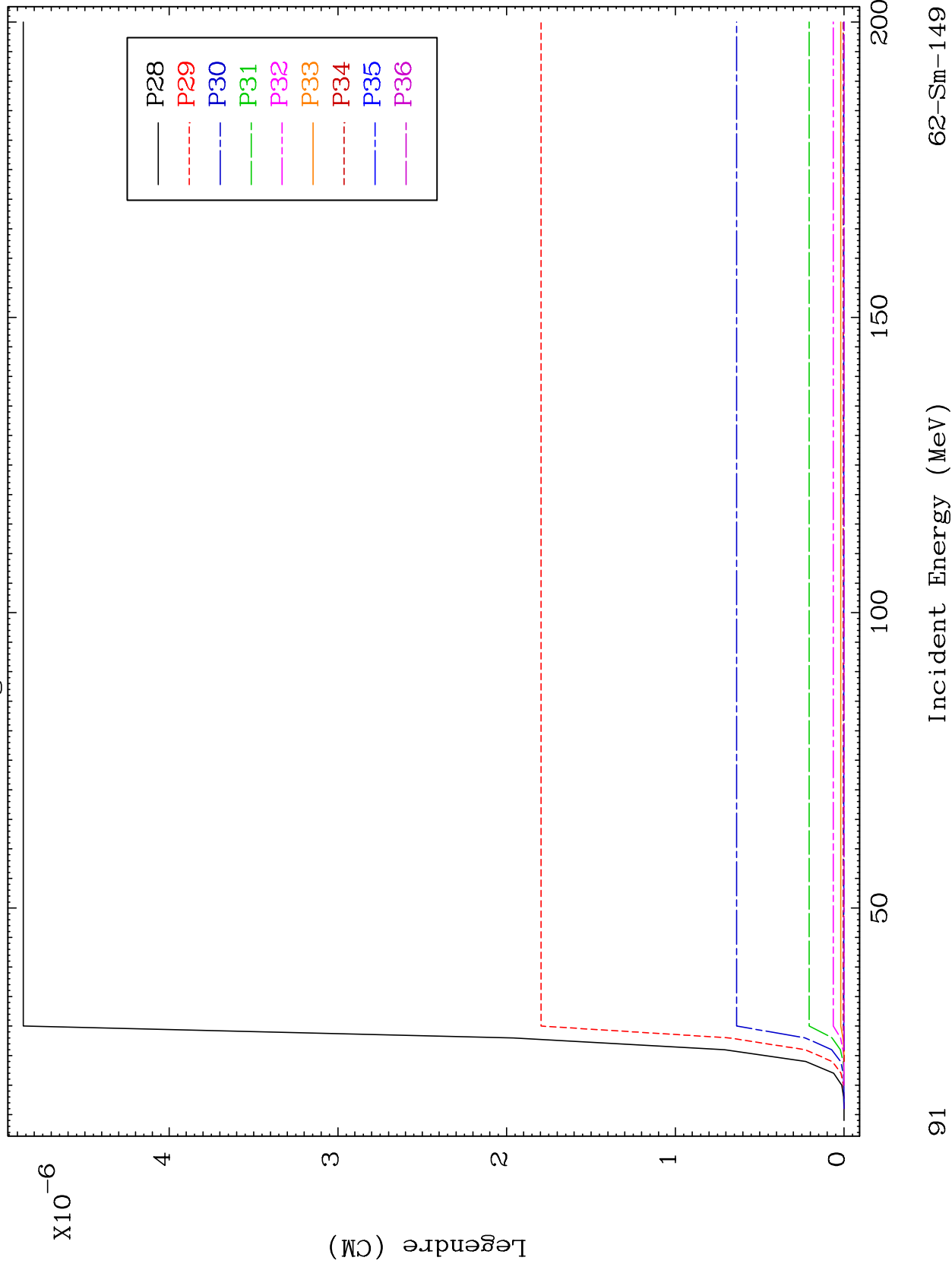
Incident Energy (MeV)

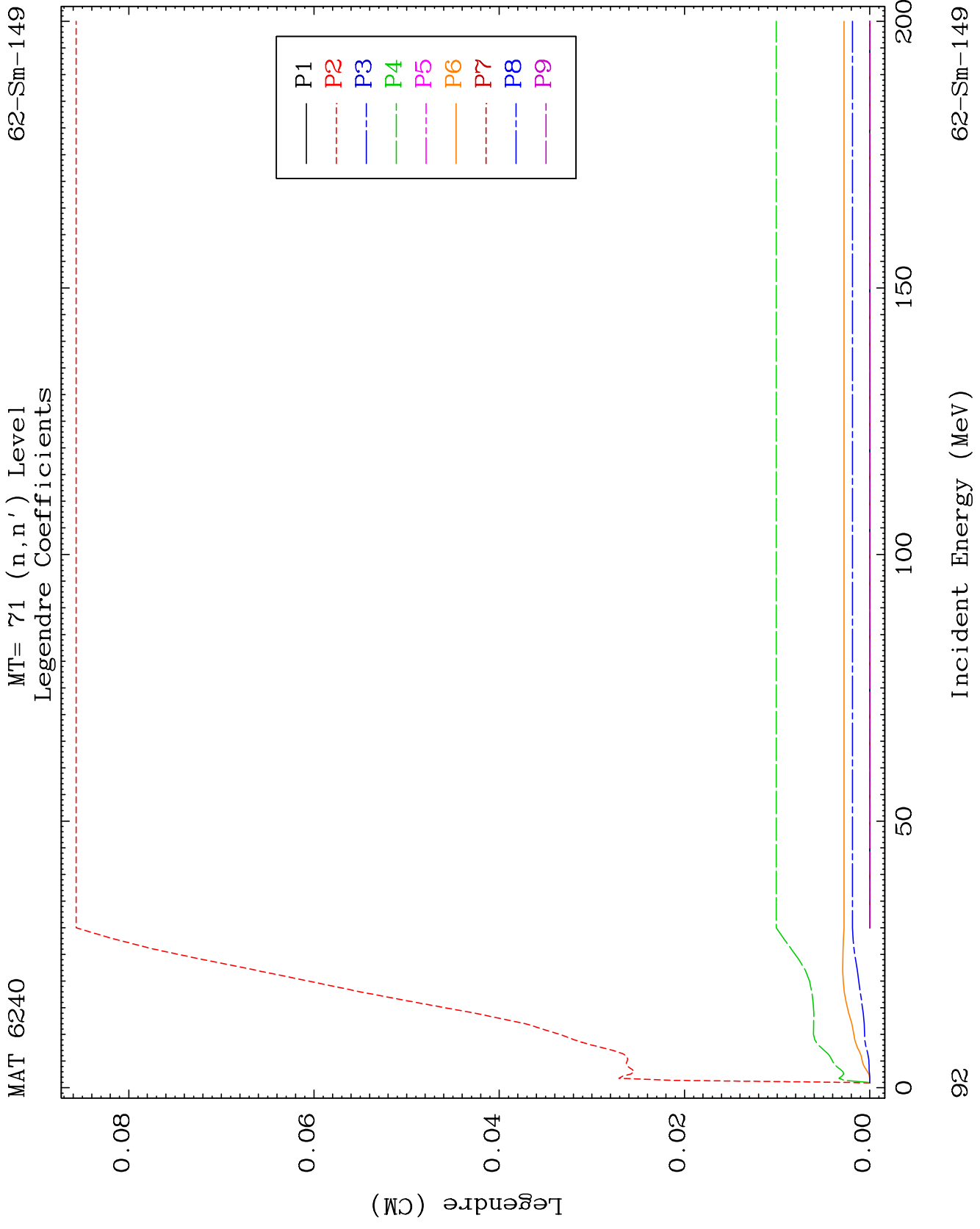
62-Sm-149

MAT 6240

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

62-Sm-149

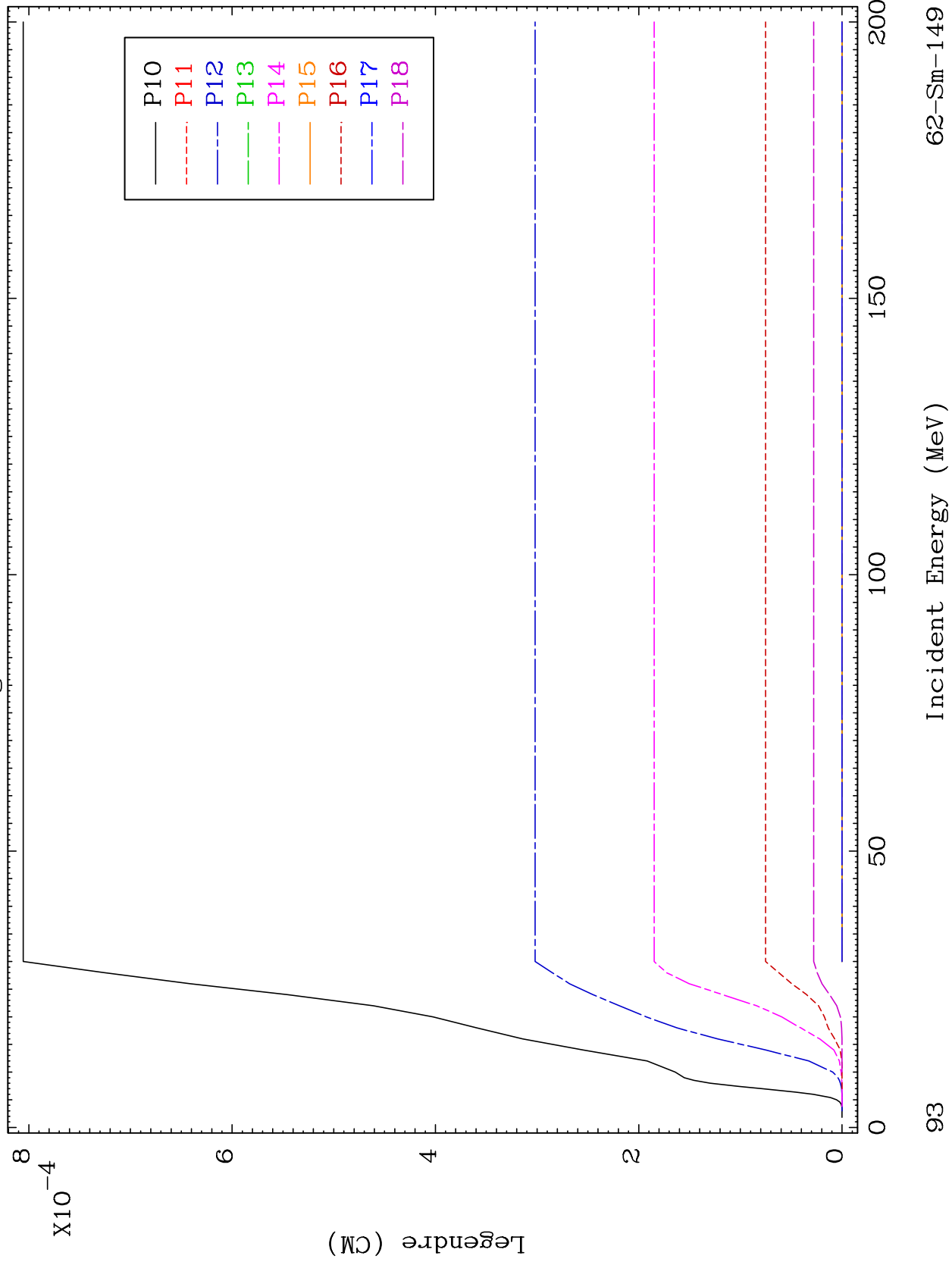


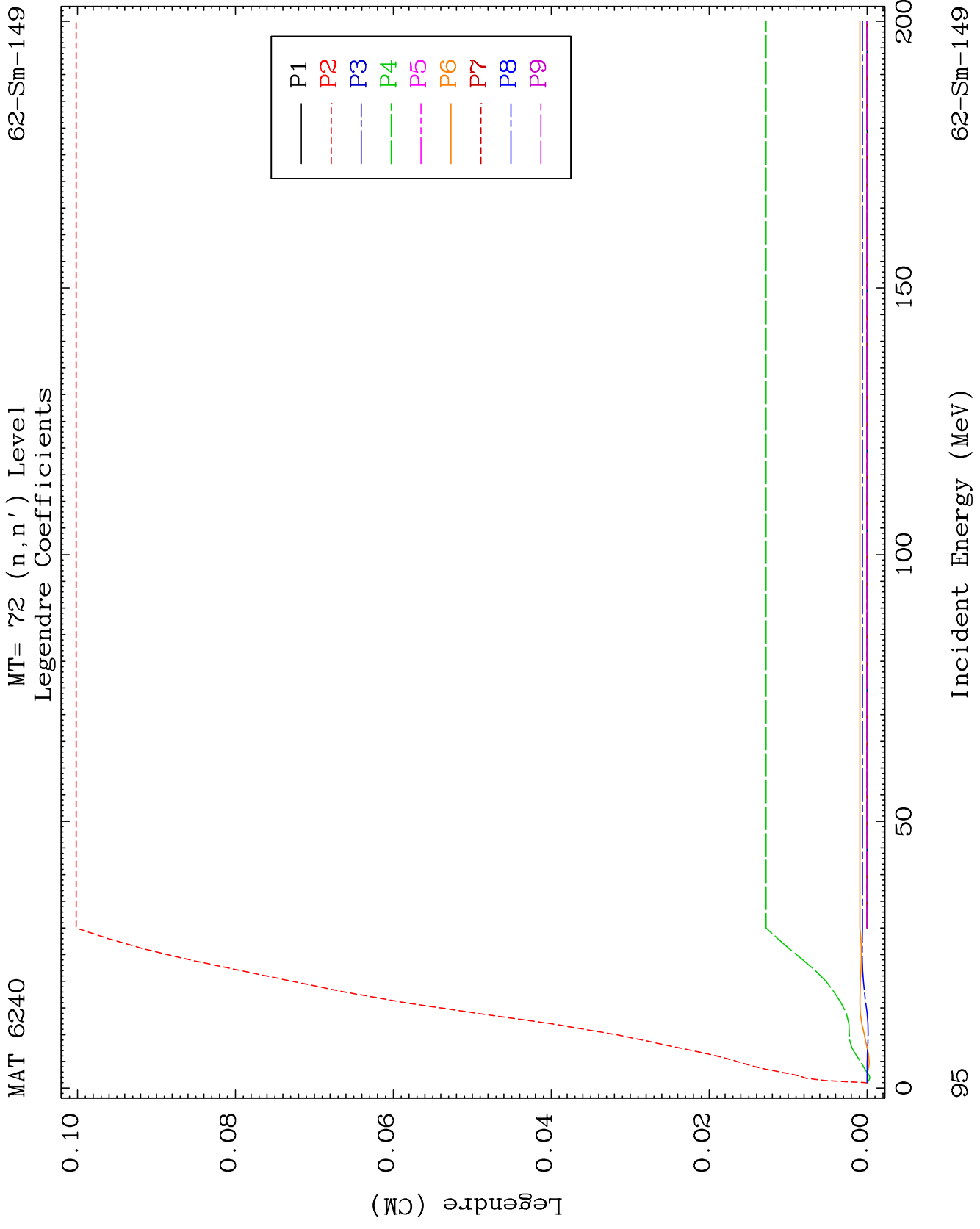


MAT 6240

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

62-Sm-149

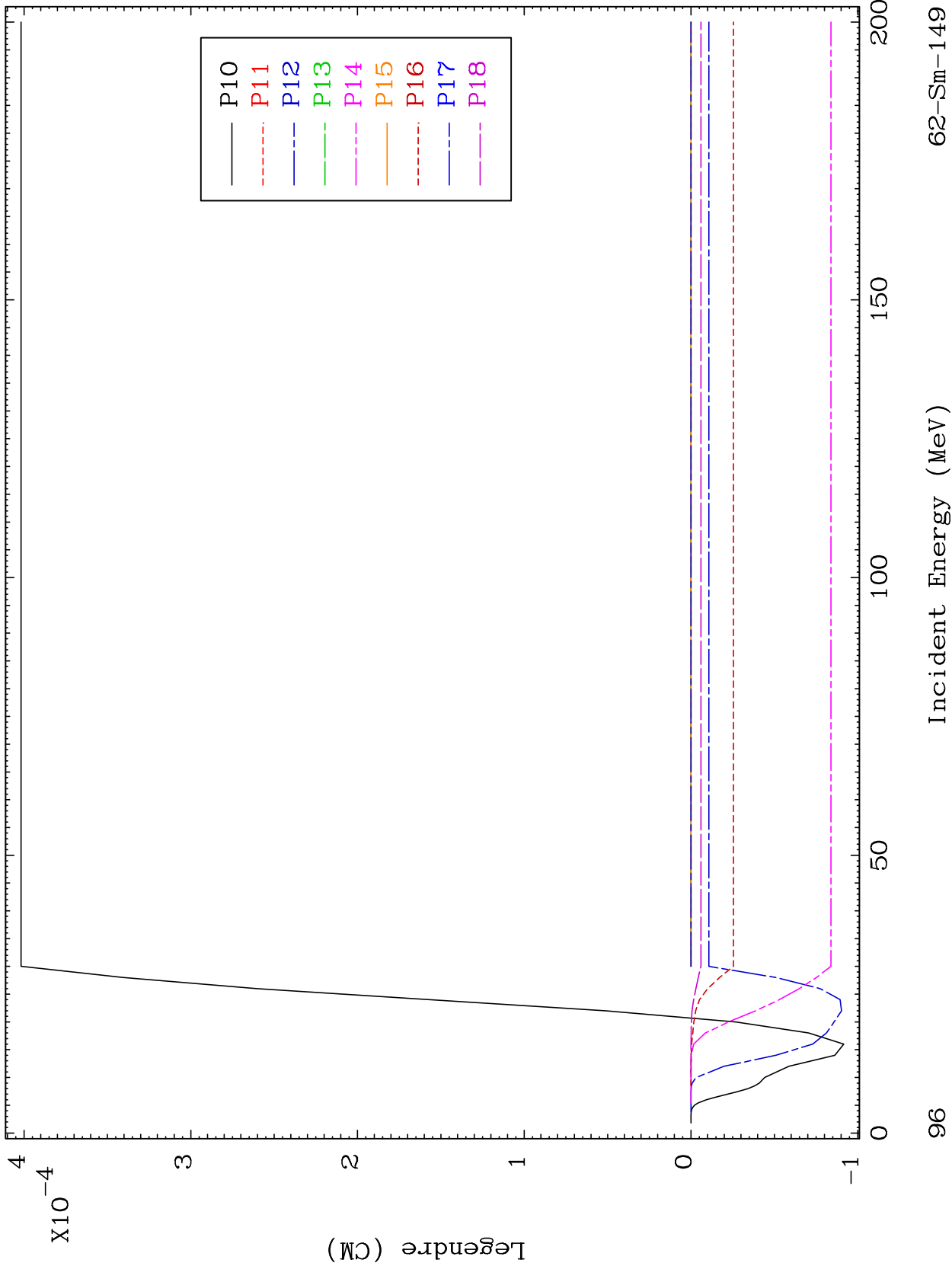




MAT 6240

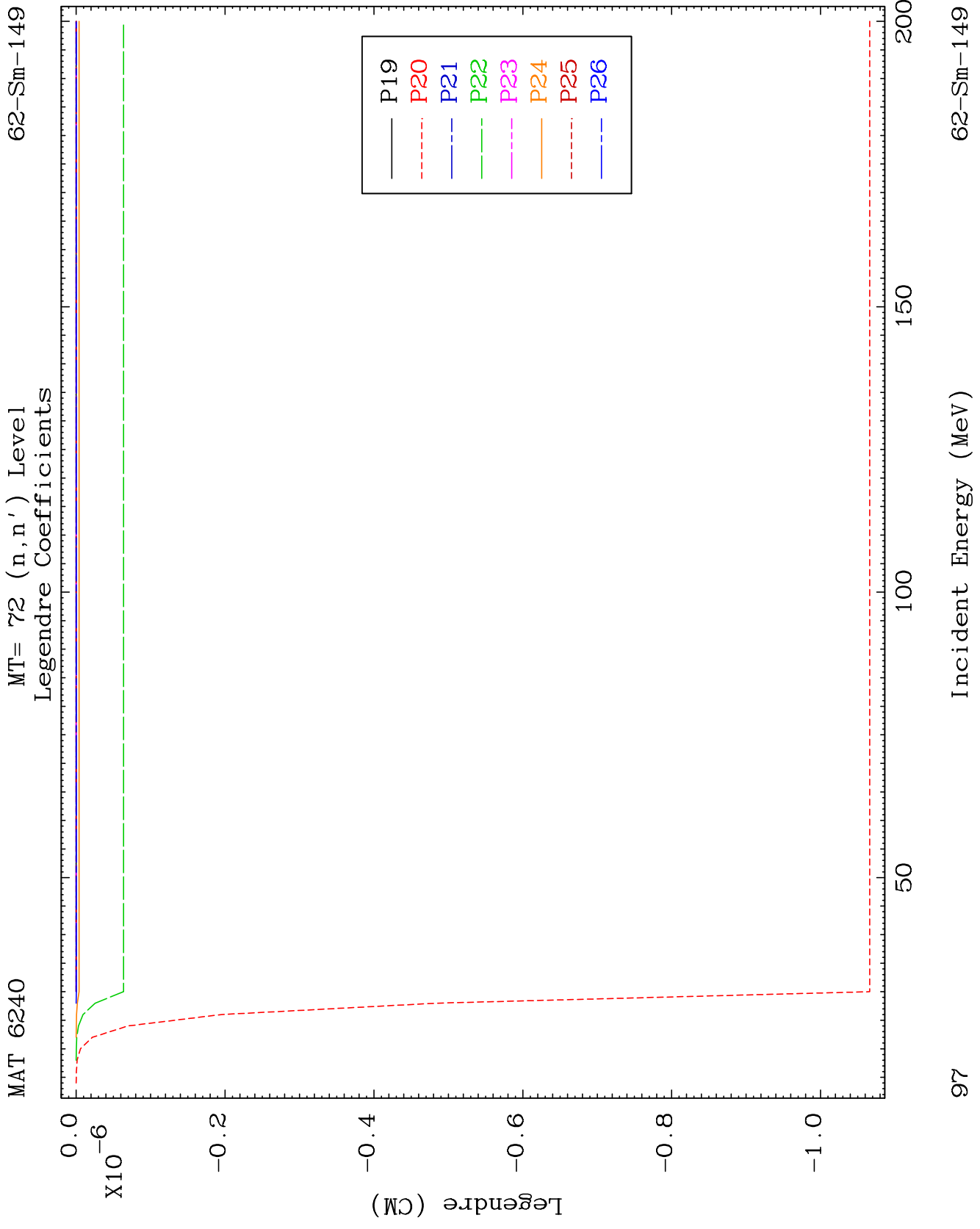
MT= 72 (n,n') Level
Legendre Coefficients

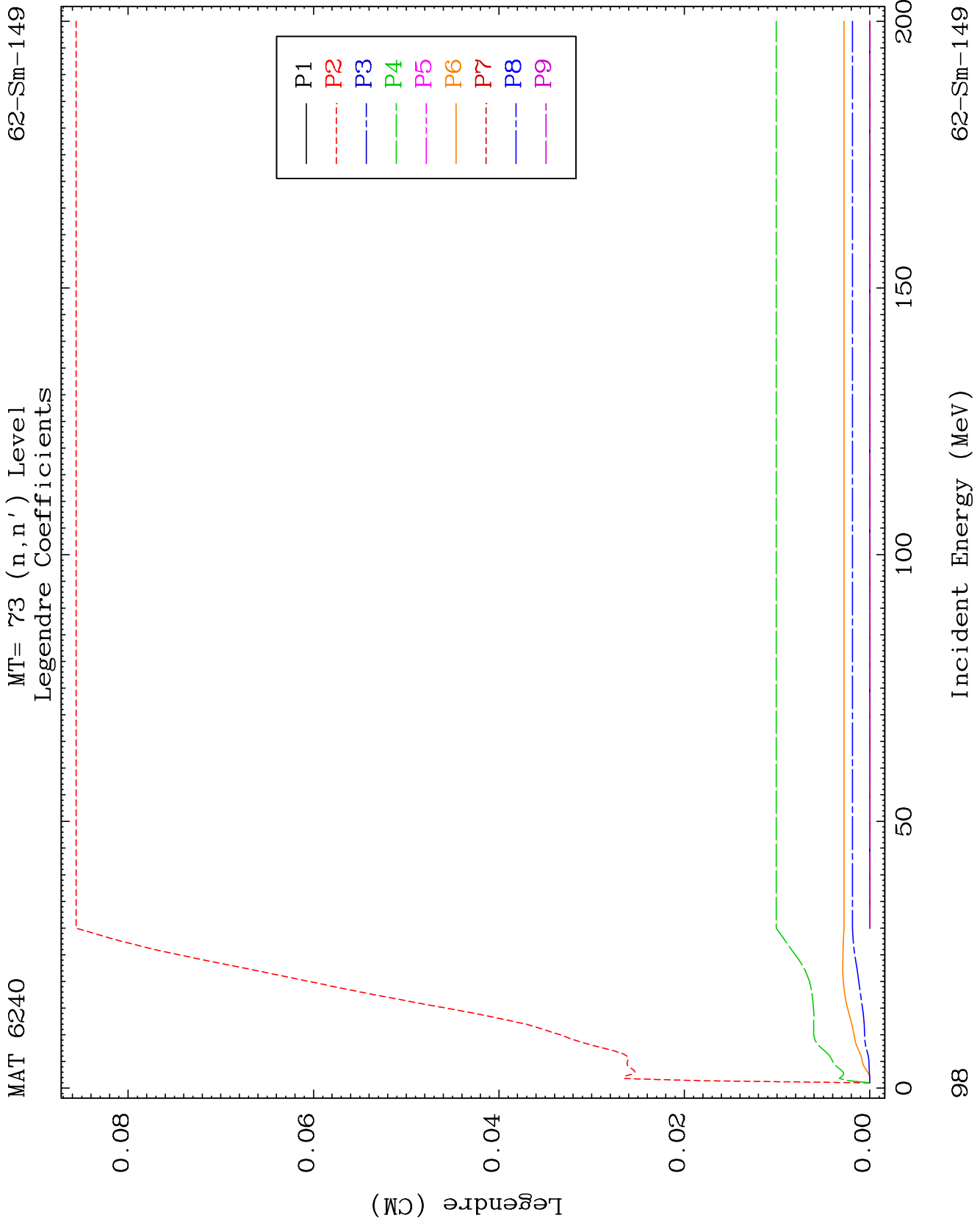
62-Sm-149



96

62-Sm-149

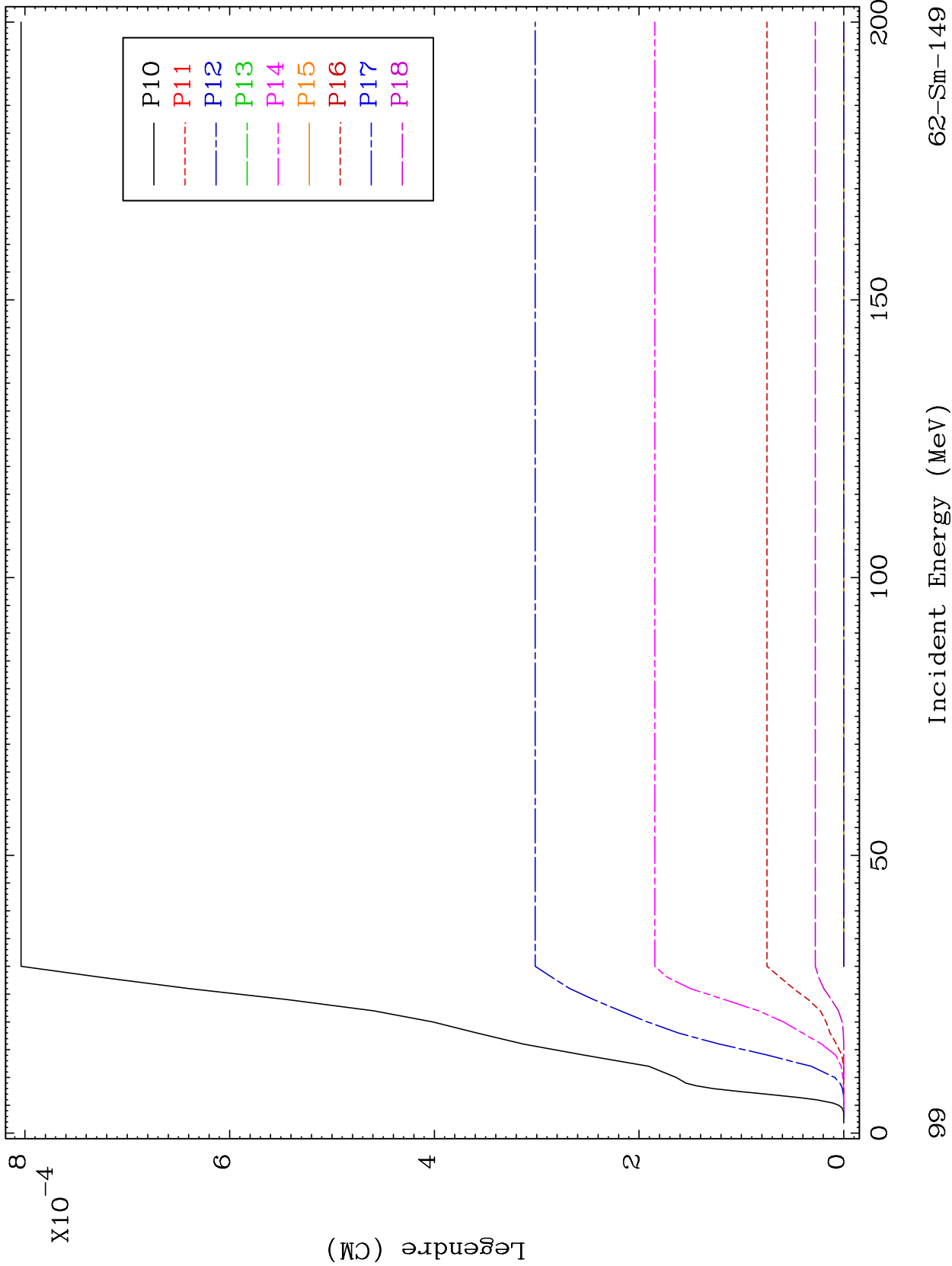




MAT 6240

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

62-Sm-149



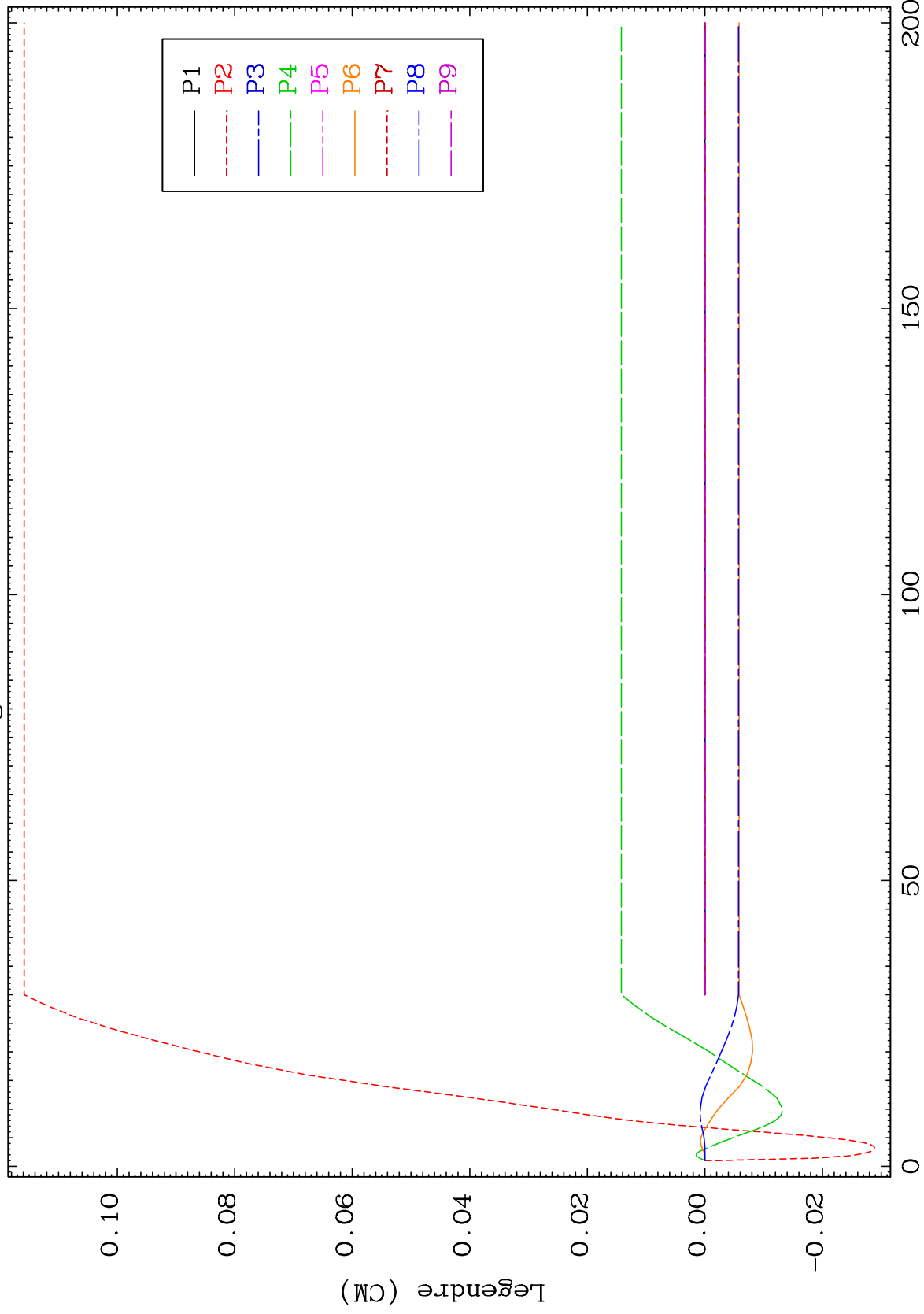
99

62-Sm-149

MAT 6240

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

62-Sm-149



101

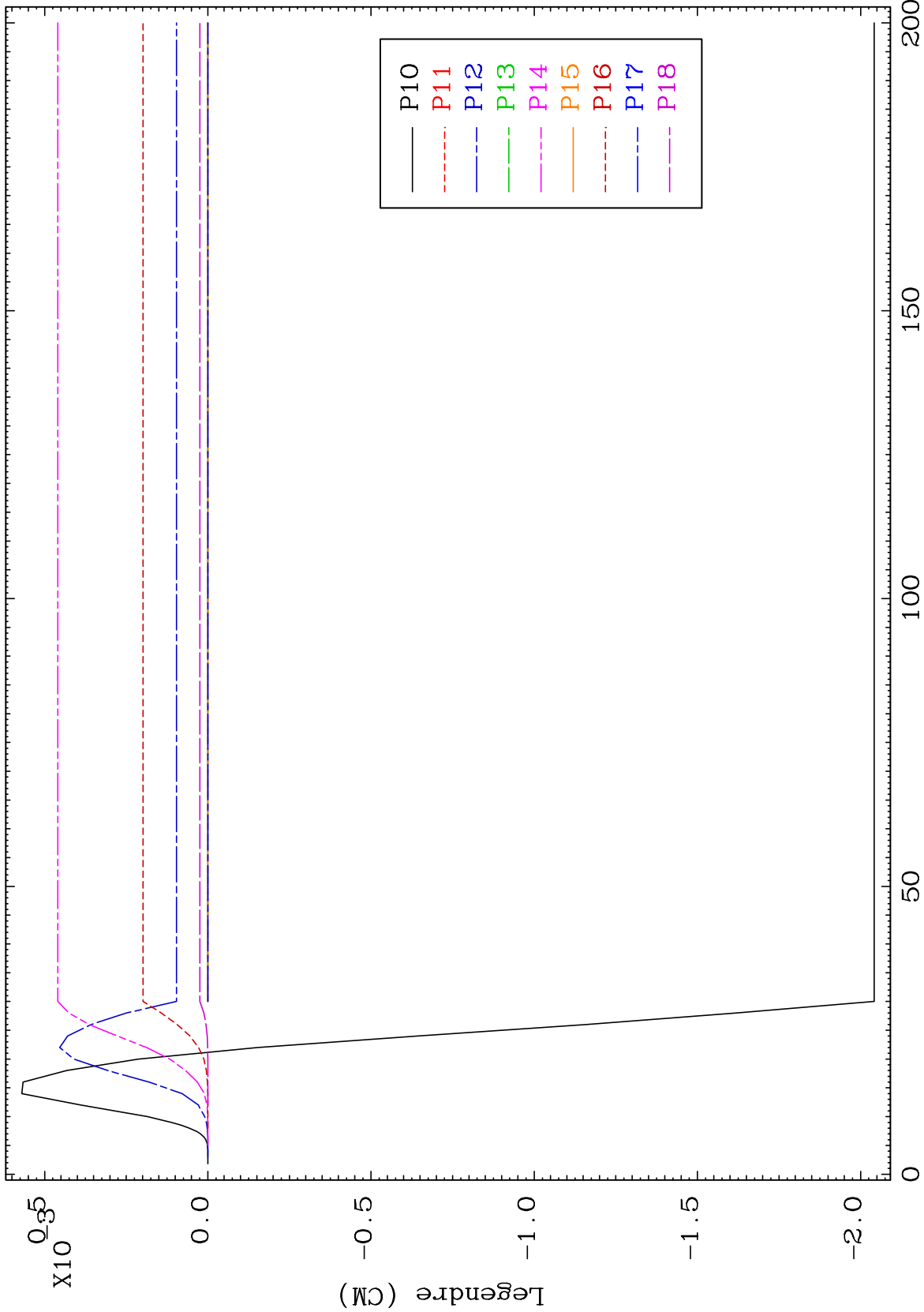
Incident Energy (MeV)

62-Sm-149

MAT 6240

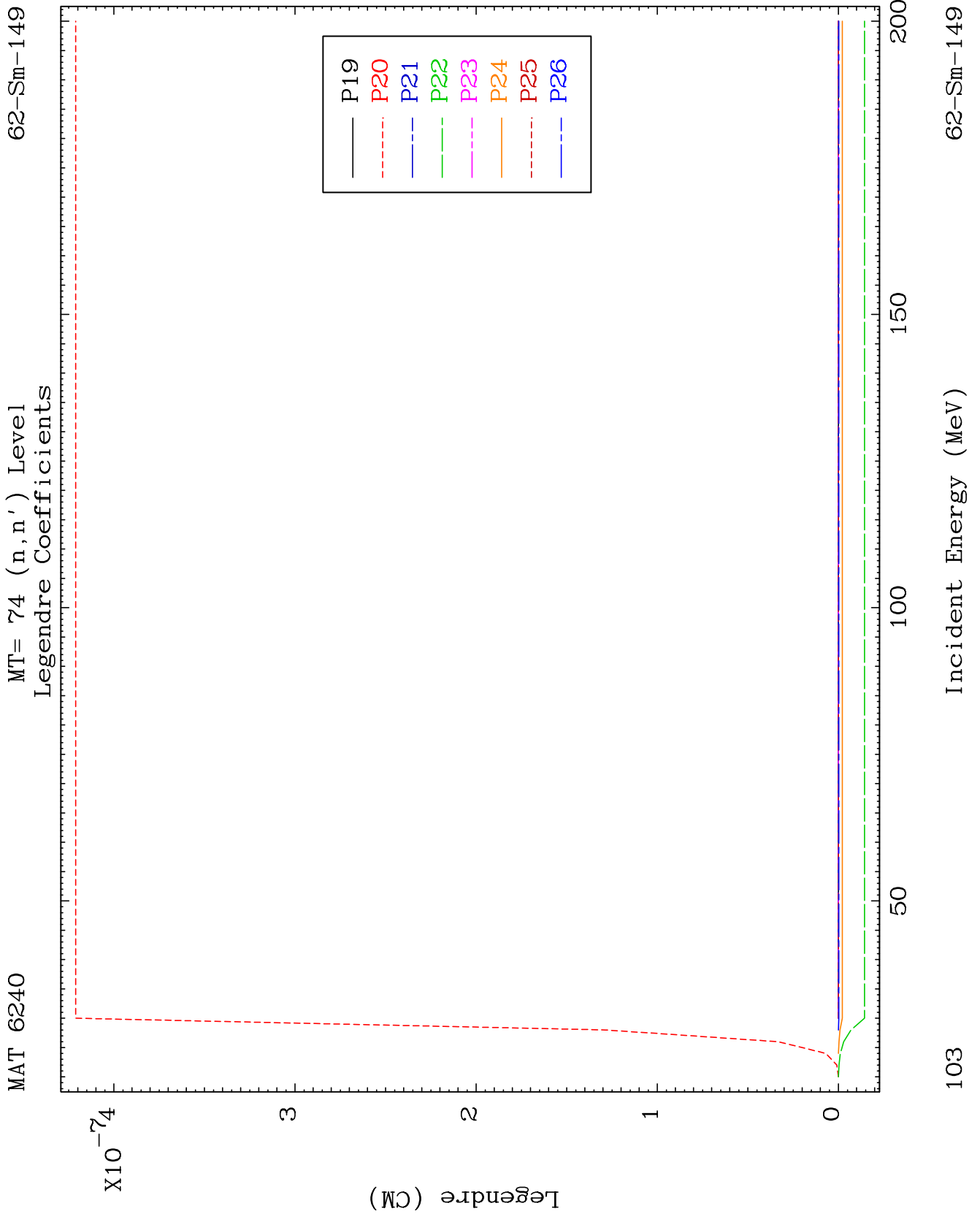
MT= 74 (n,n') Level
Legendre Coefficients

62-Sm-149



102

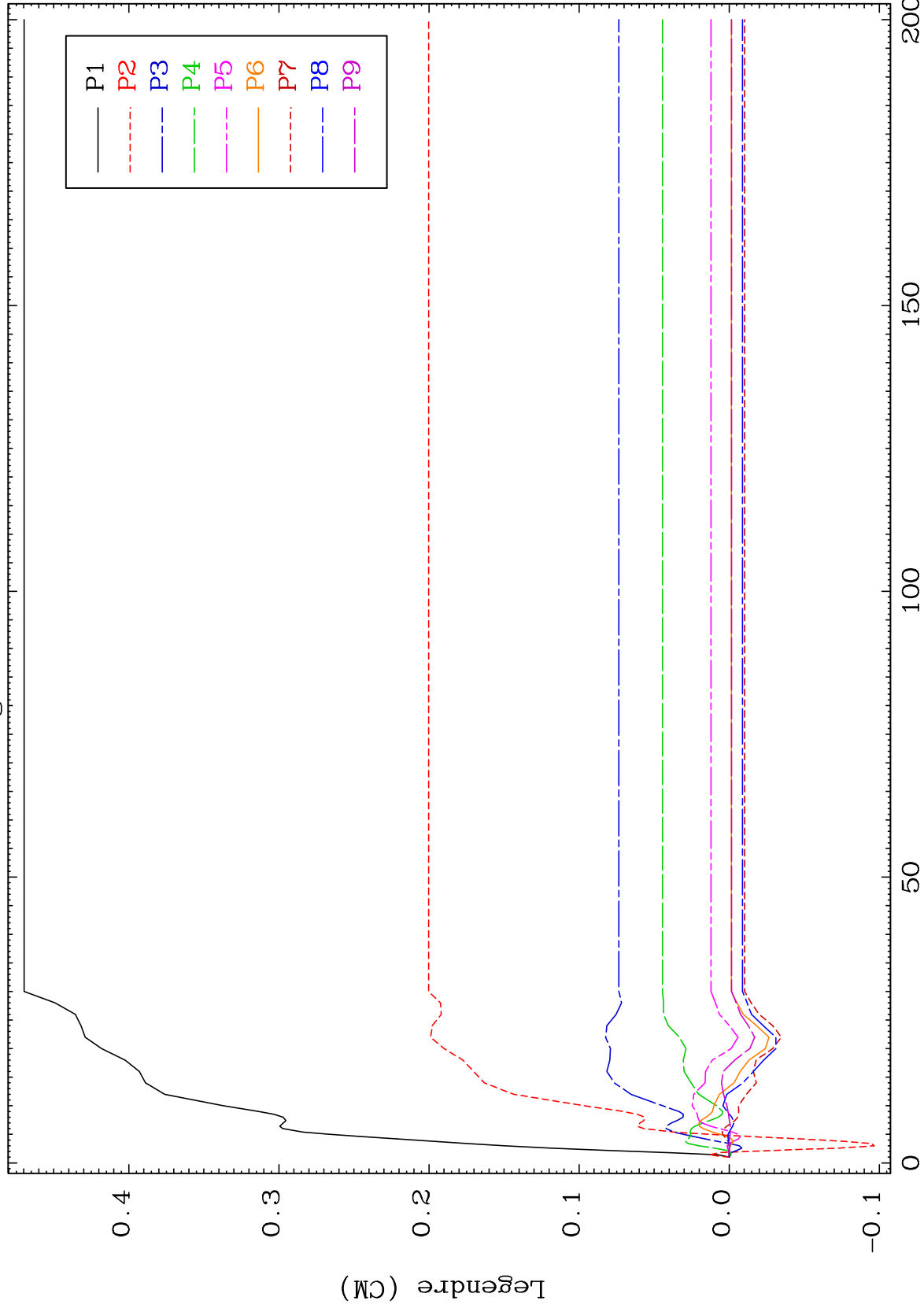
62-Sm-149



MAT 6240

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

62-Sm-149



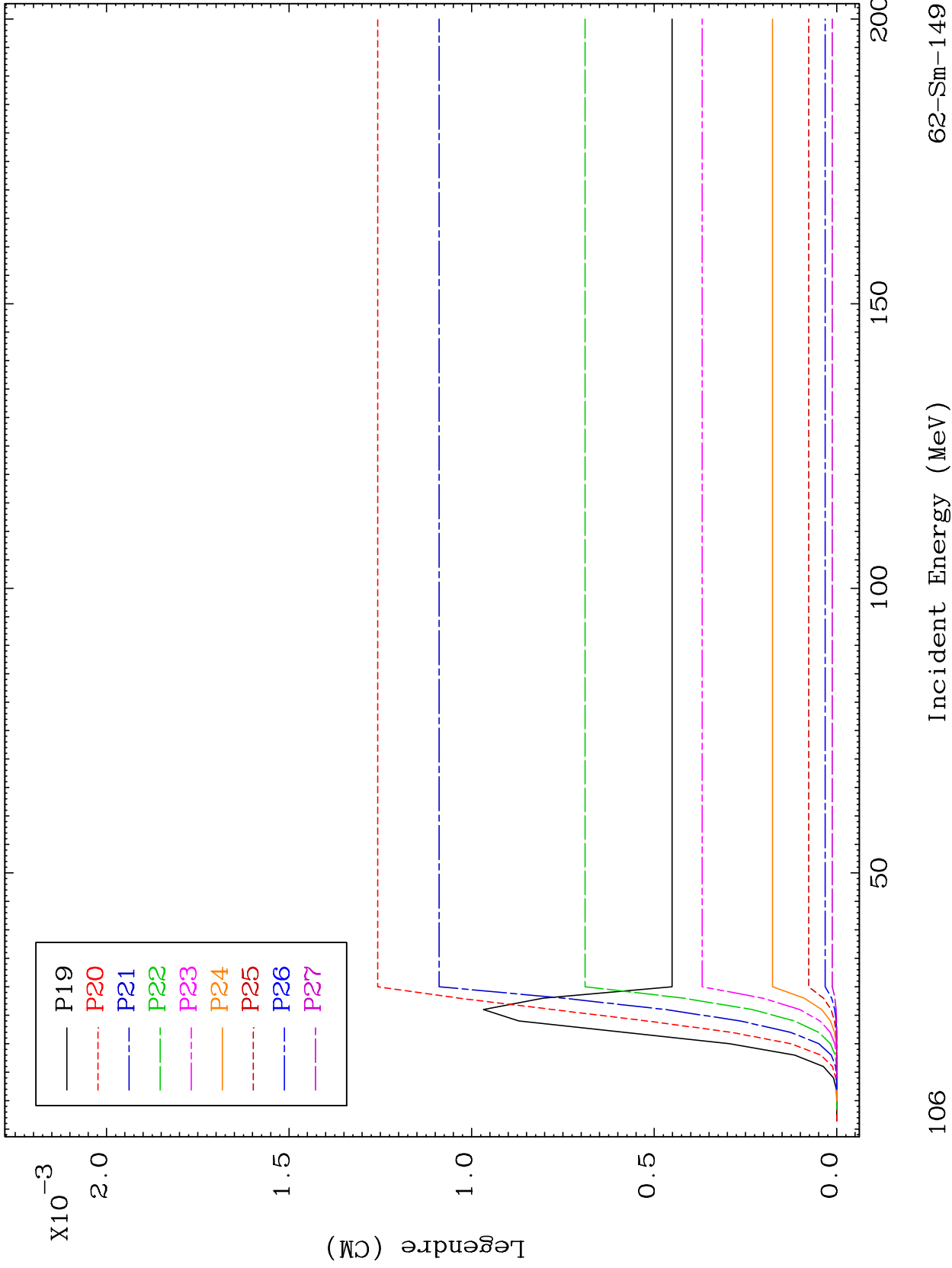
104

62-Sm-149

MAT 6240

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

62-Sm-149



106

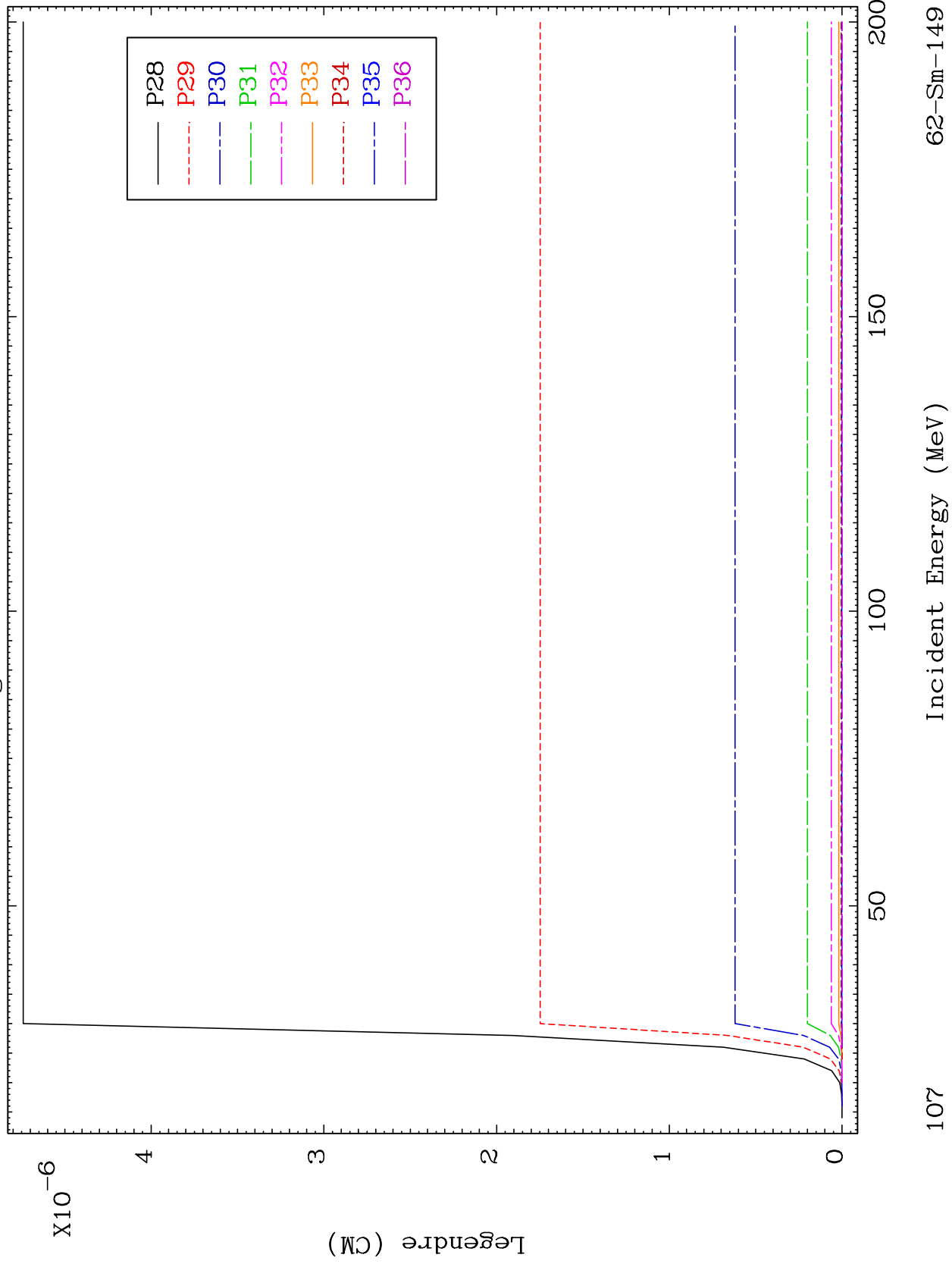
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

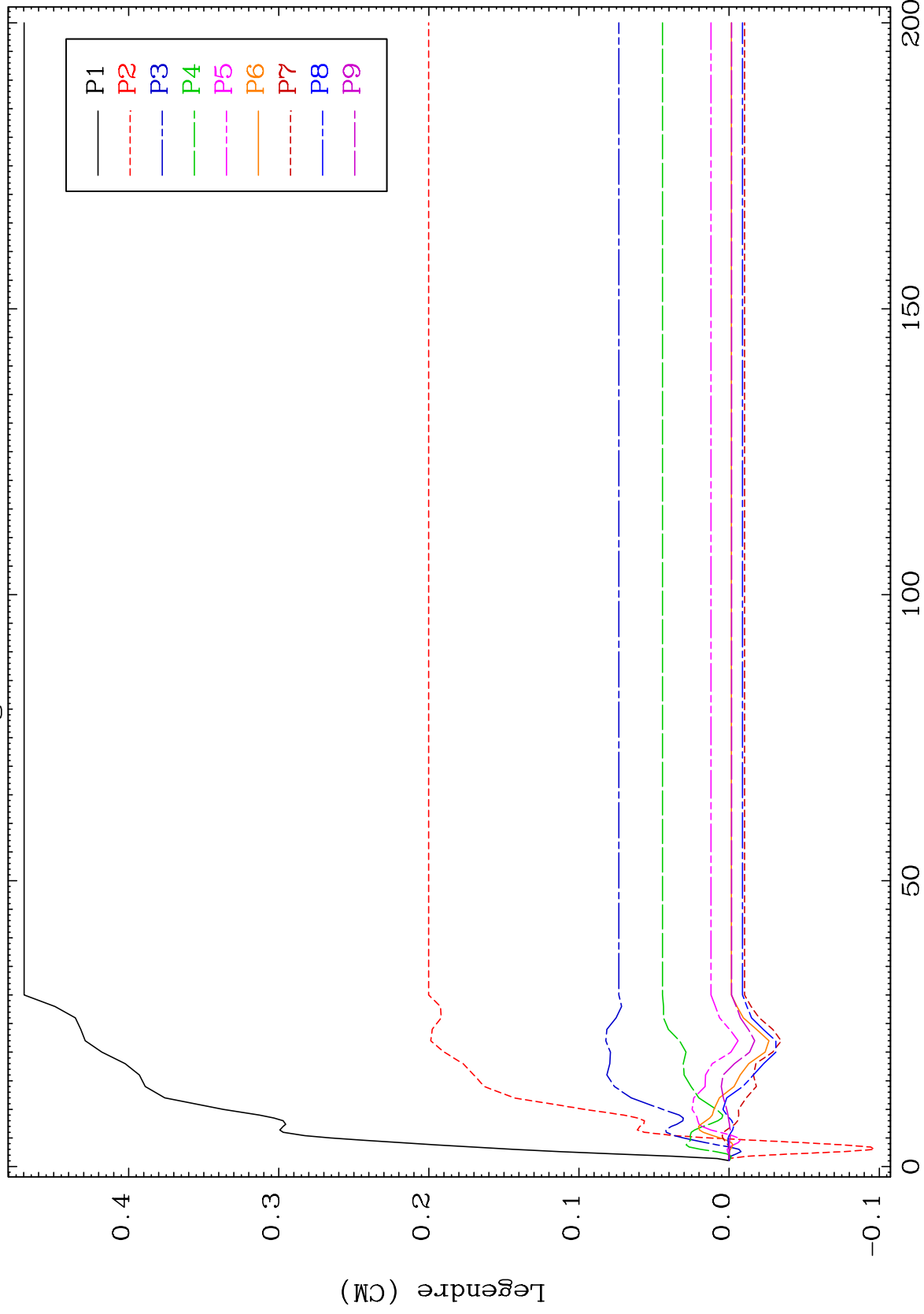
62-Sm-149



MAT 6240

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

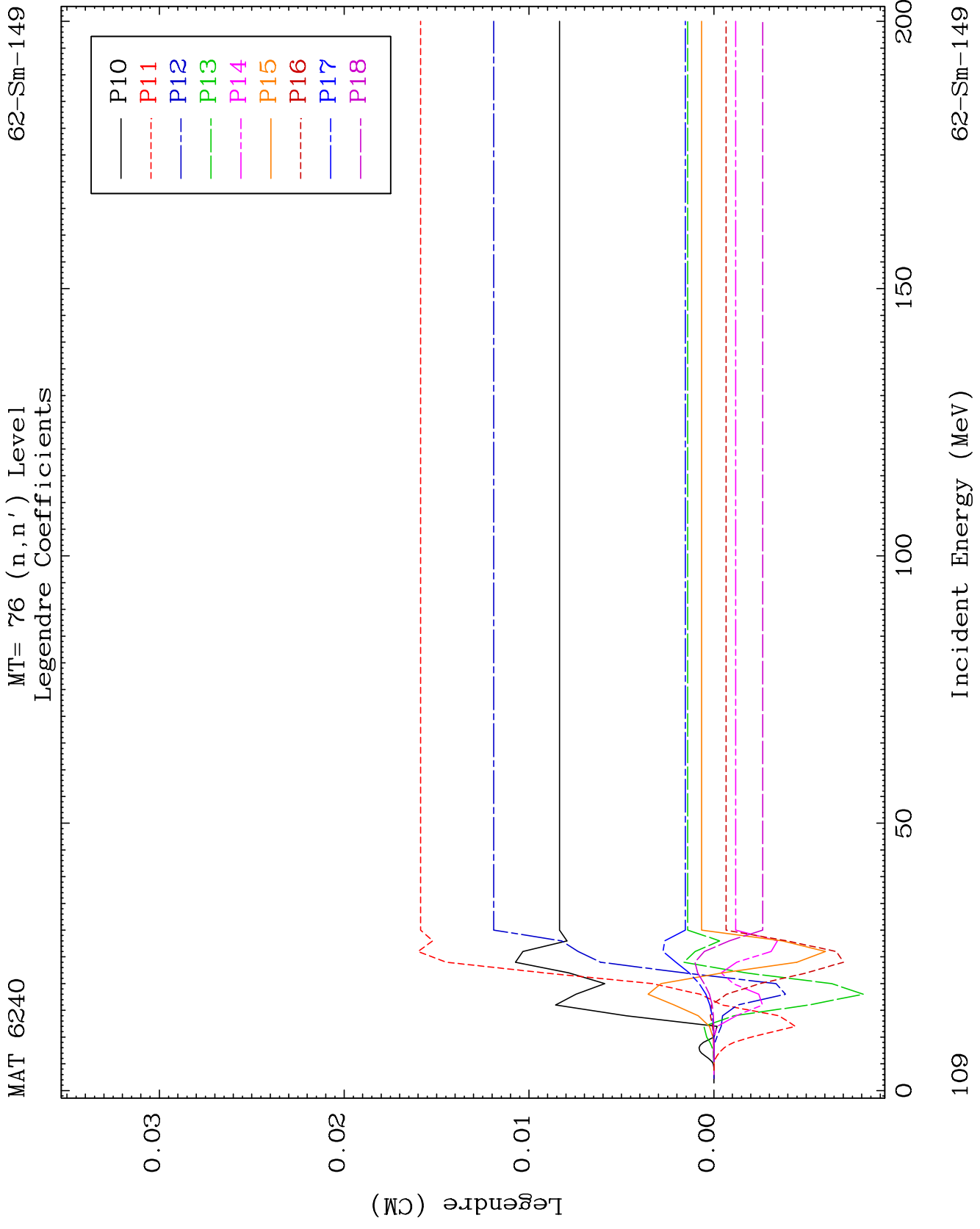
62-Sm-149



108

Incident Energy (MeV)

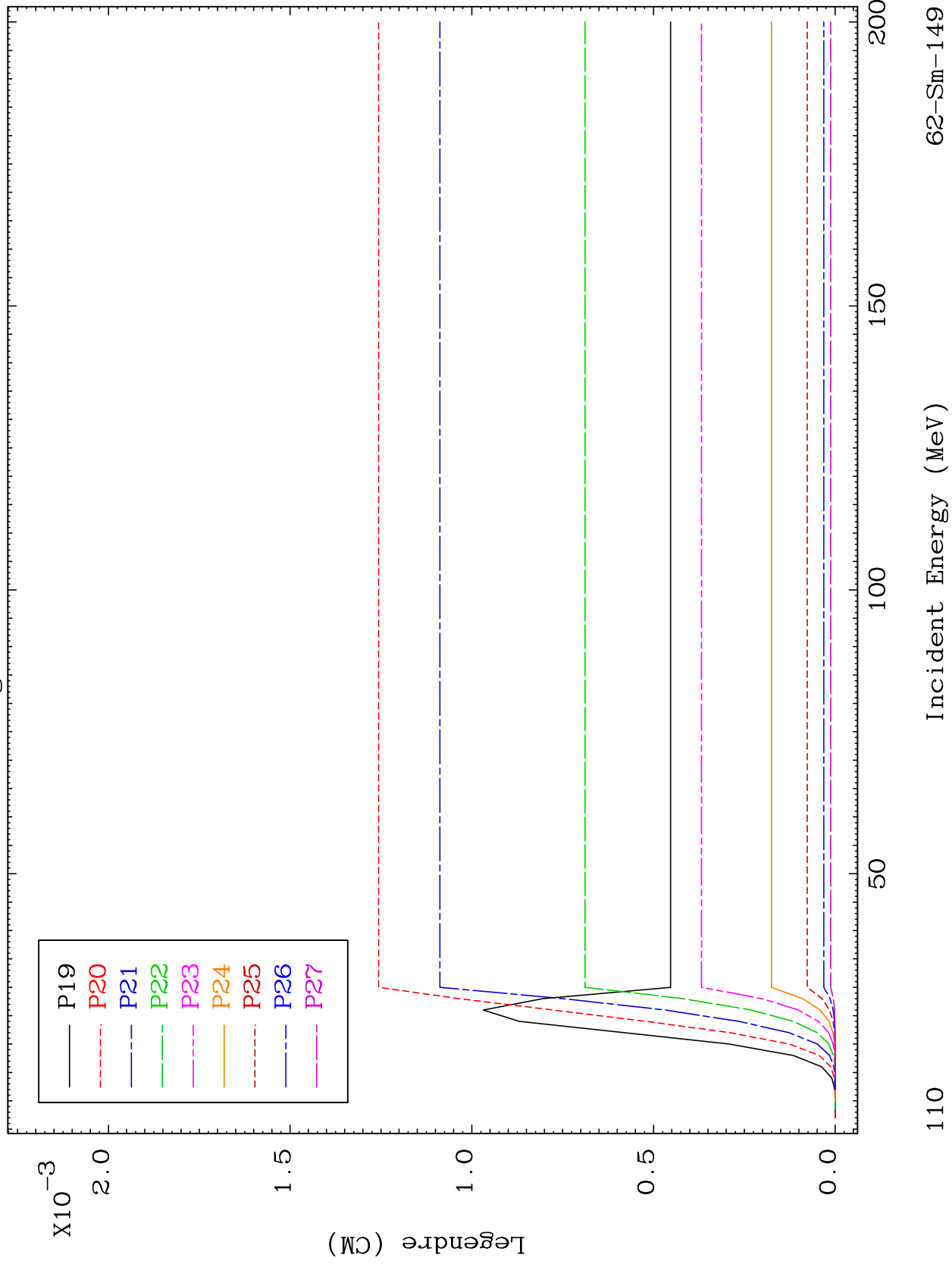
62-Sm-149



MAT 6240

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

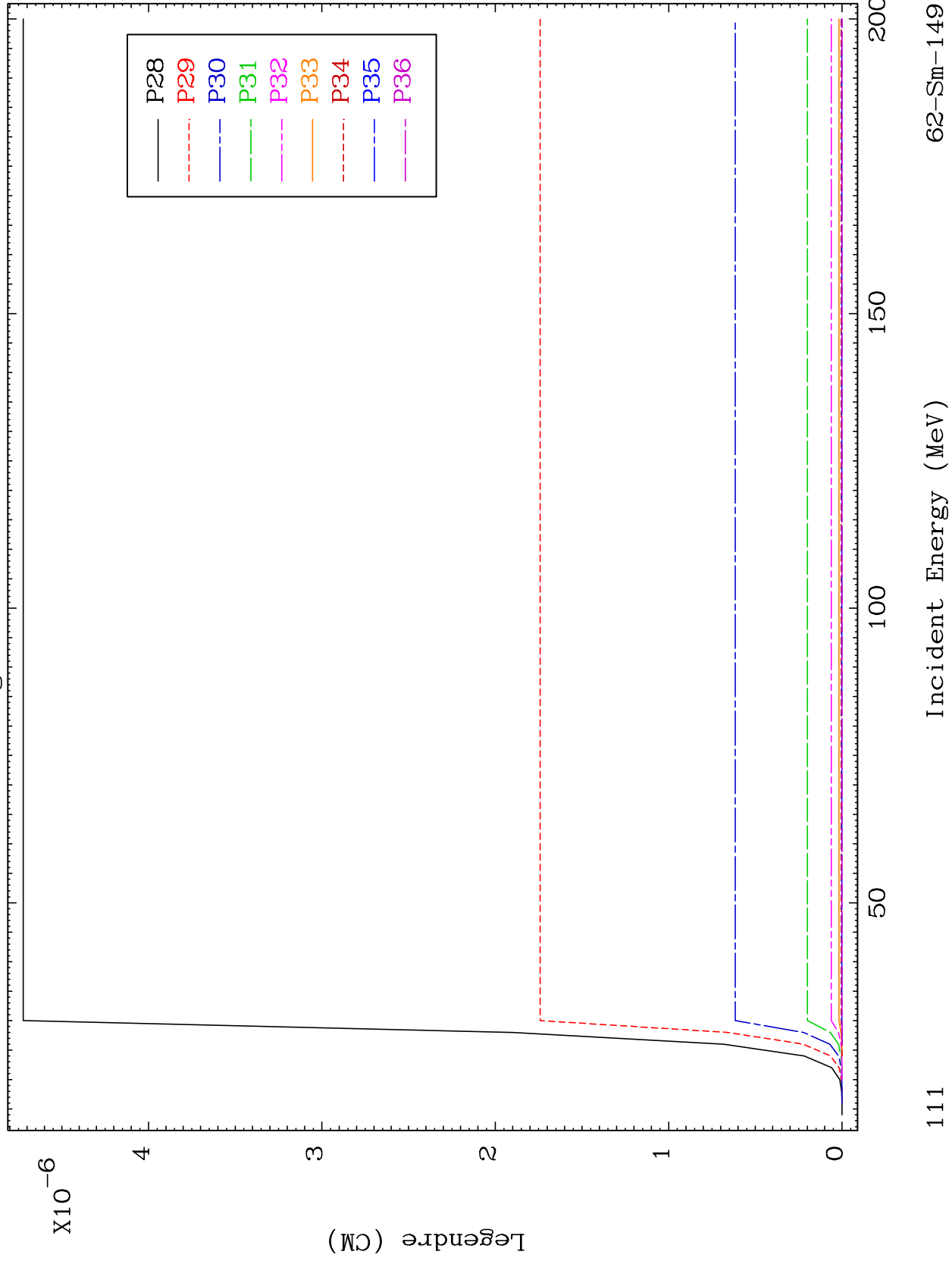
62-Sm-149



MAT 6240

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

62-Sm-149



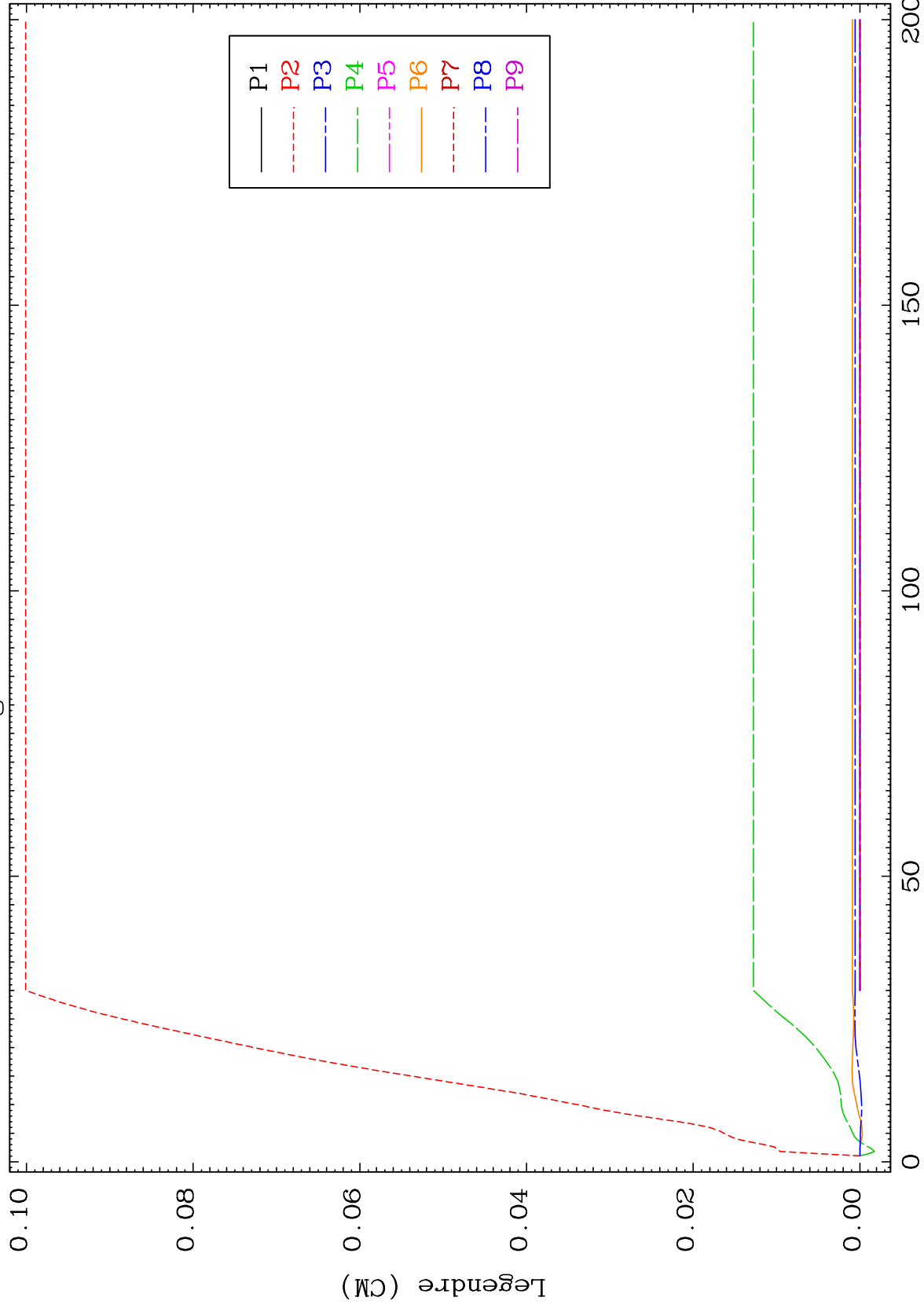
111

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

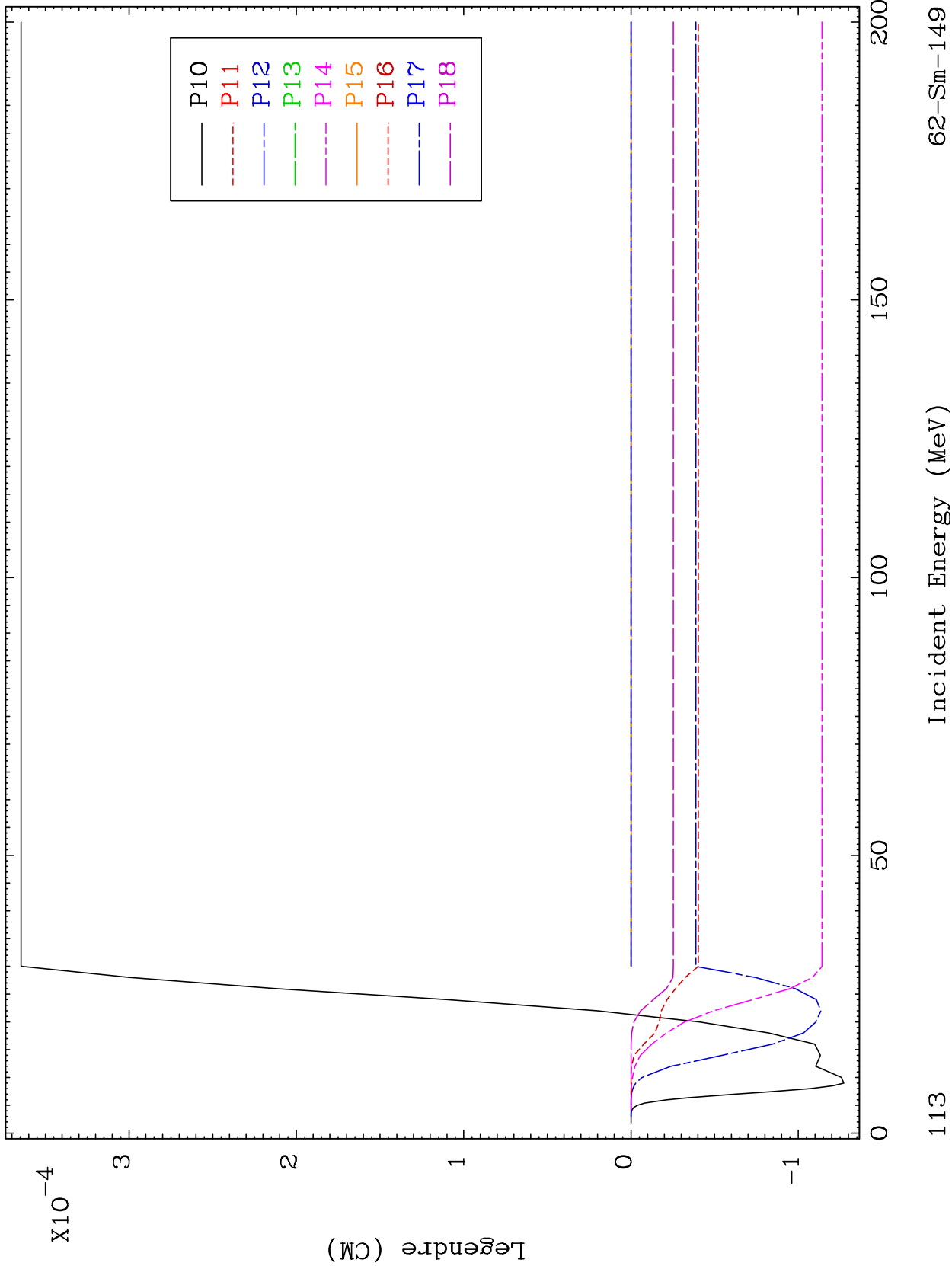
Incident Energy (MeV)

112

MAT 6240

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

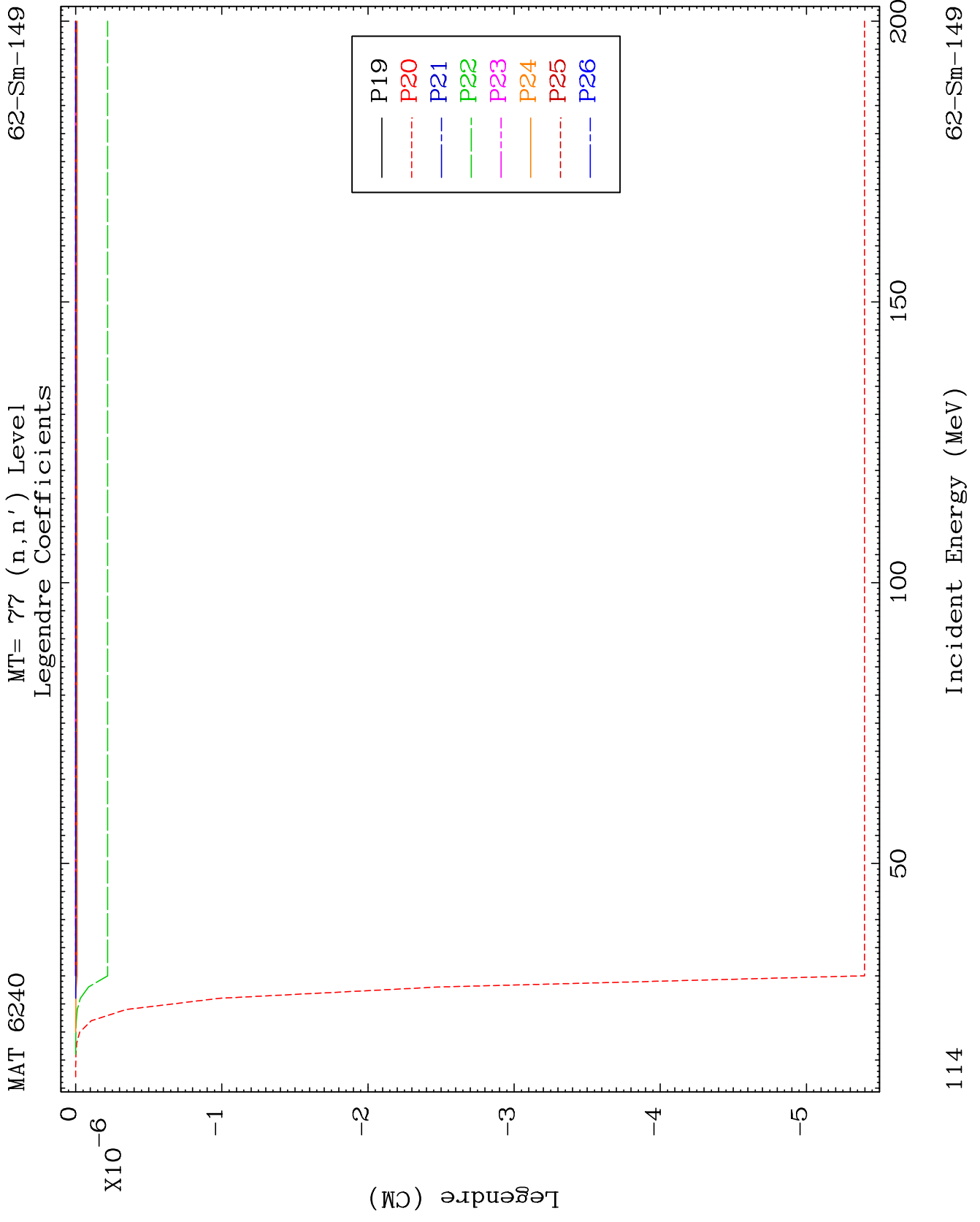
62-Sm-149



62-Sm-149

Incident Energy (MeV)

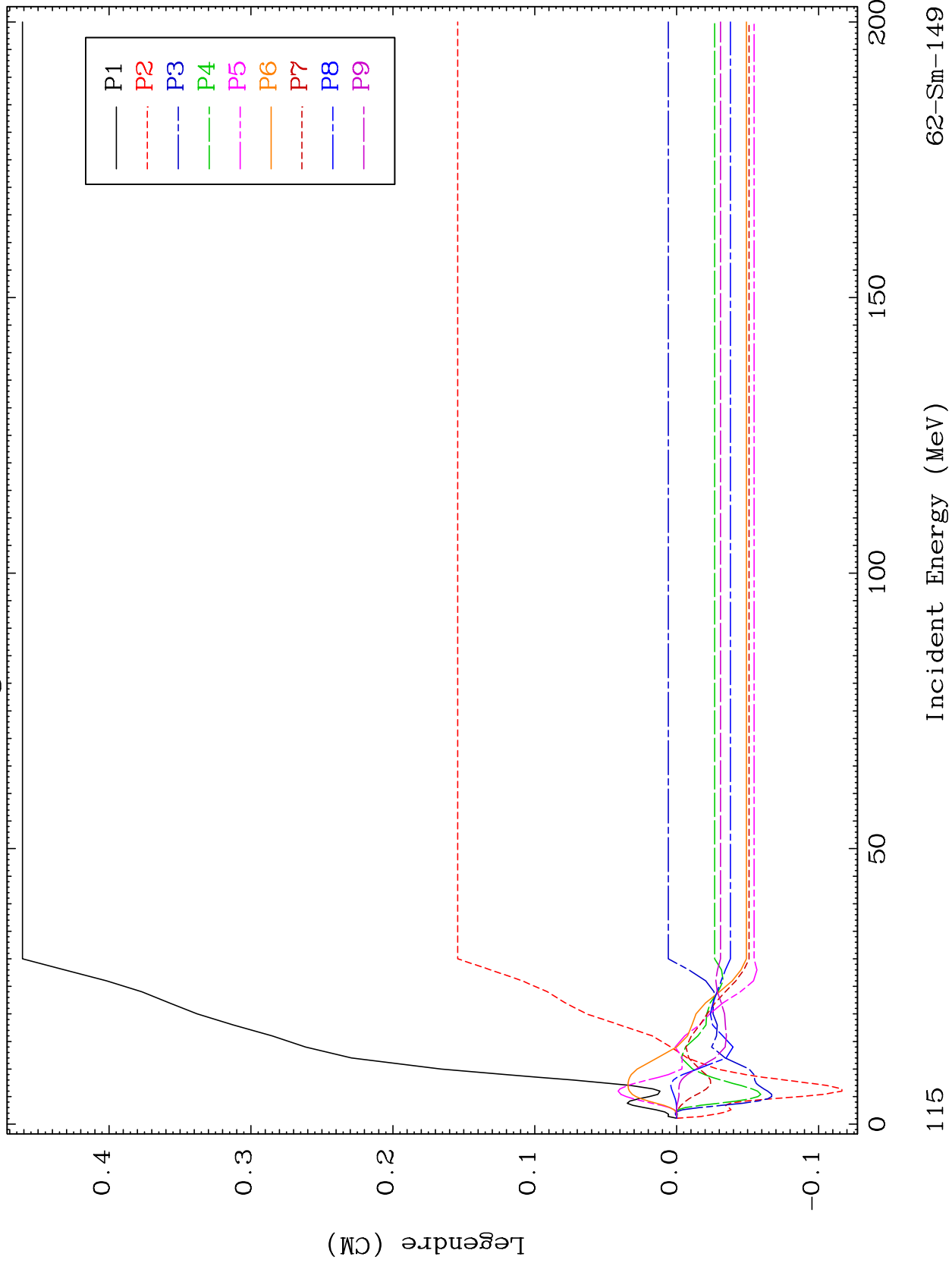
113



MAT 6240

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

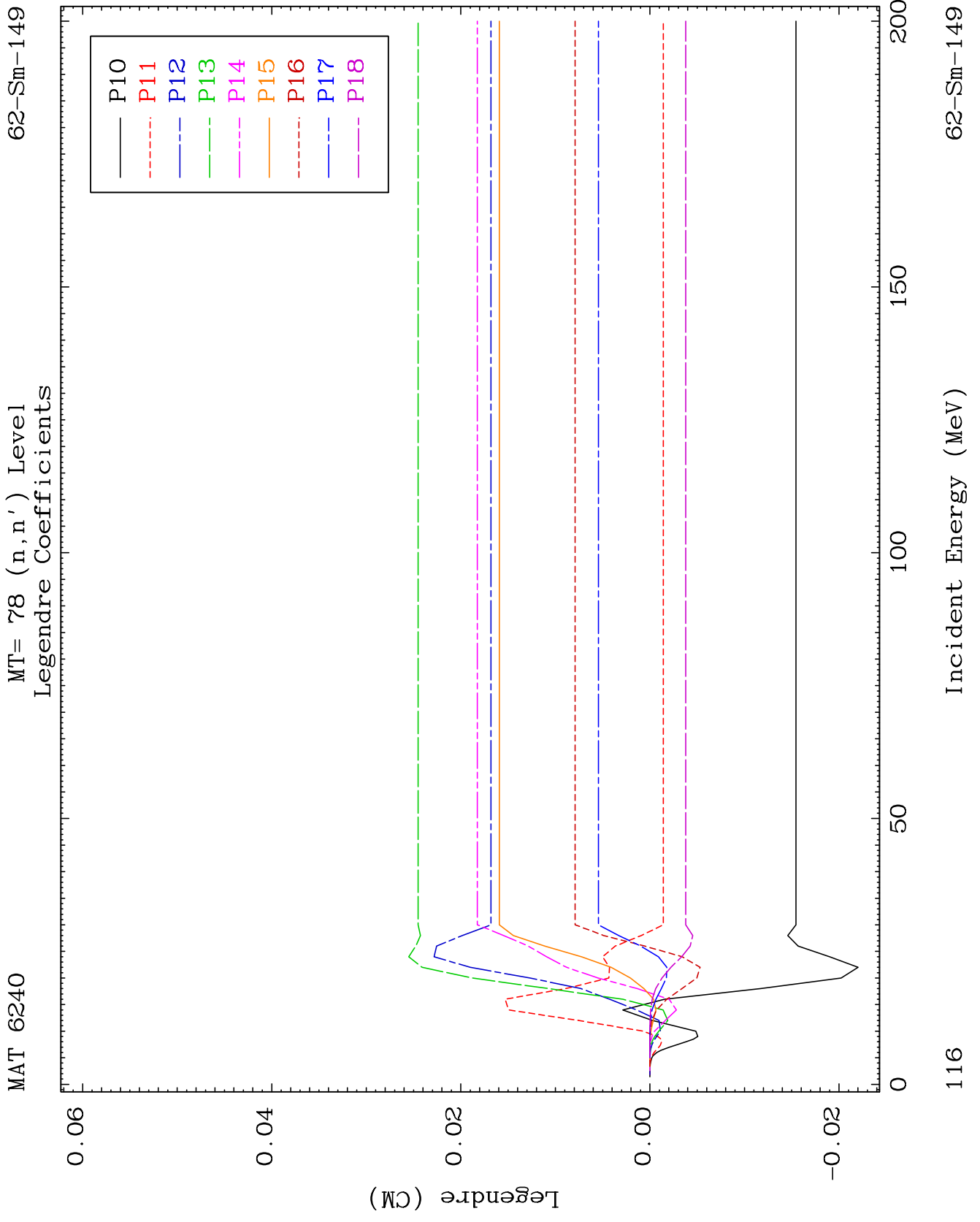
62-Sm-149



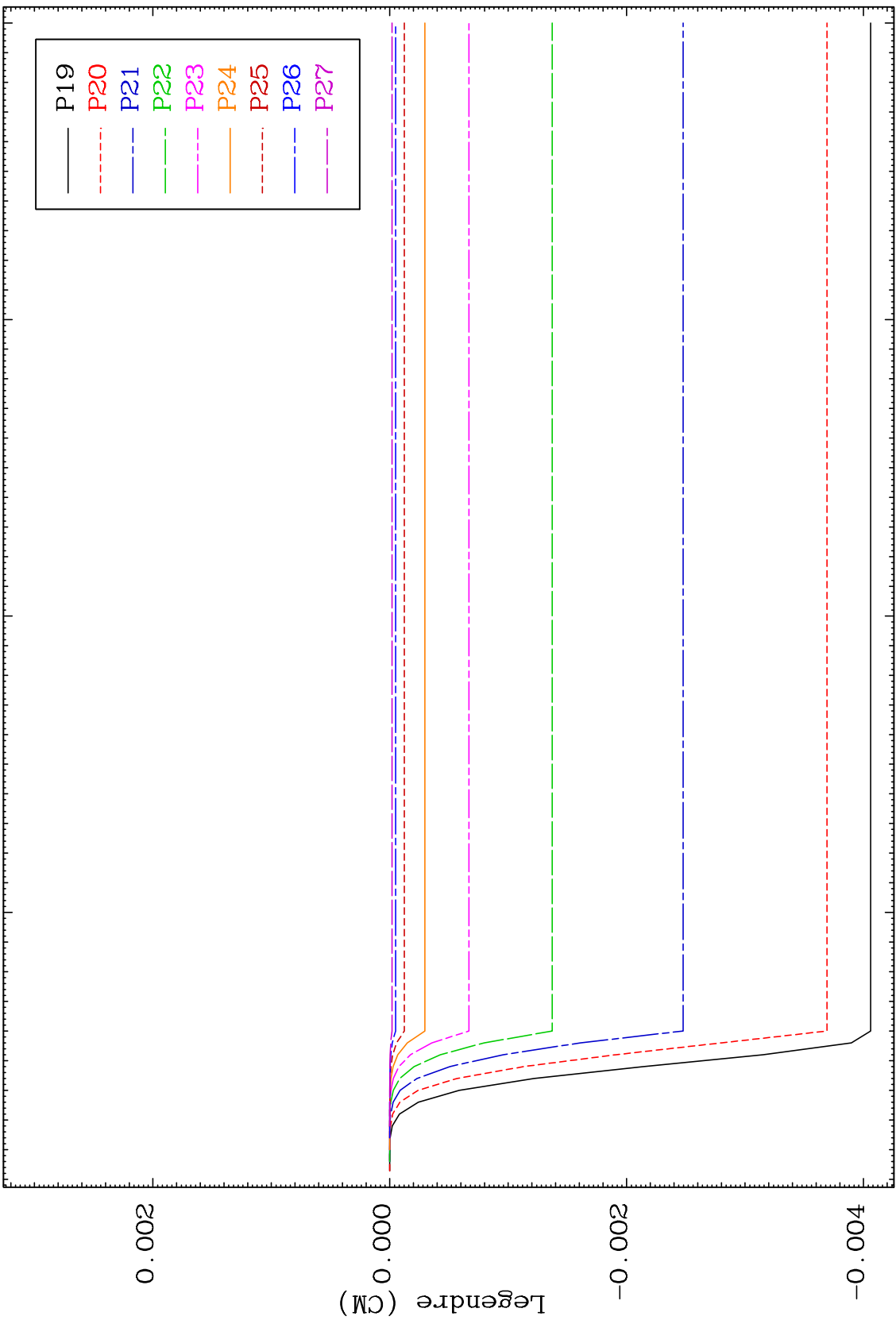
62-Sm-149

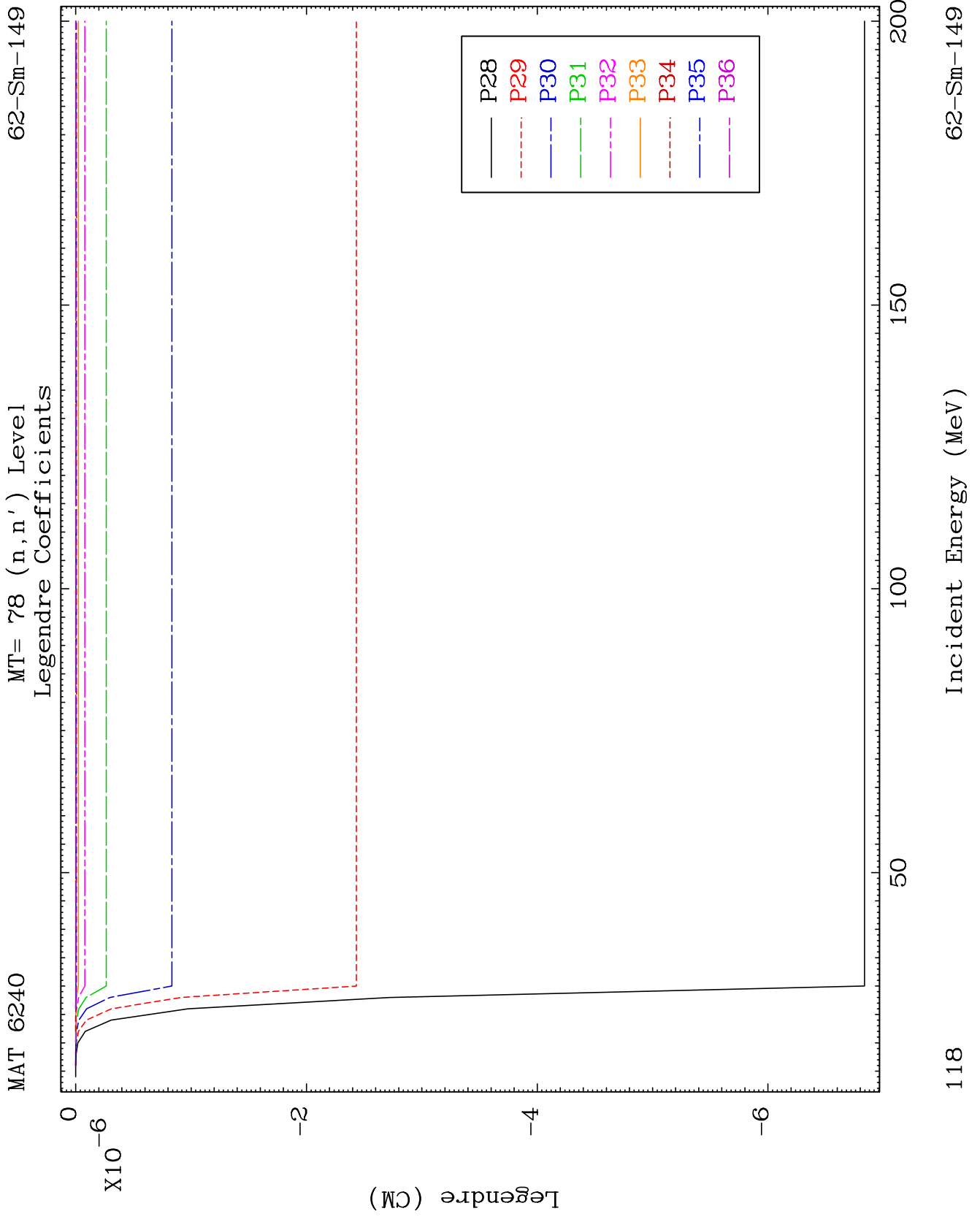
Incident Energy (MeV)

115



MAT 6240 MT= 78 (n,n') Level Legendre Coefficients 62-Sm-149

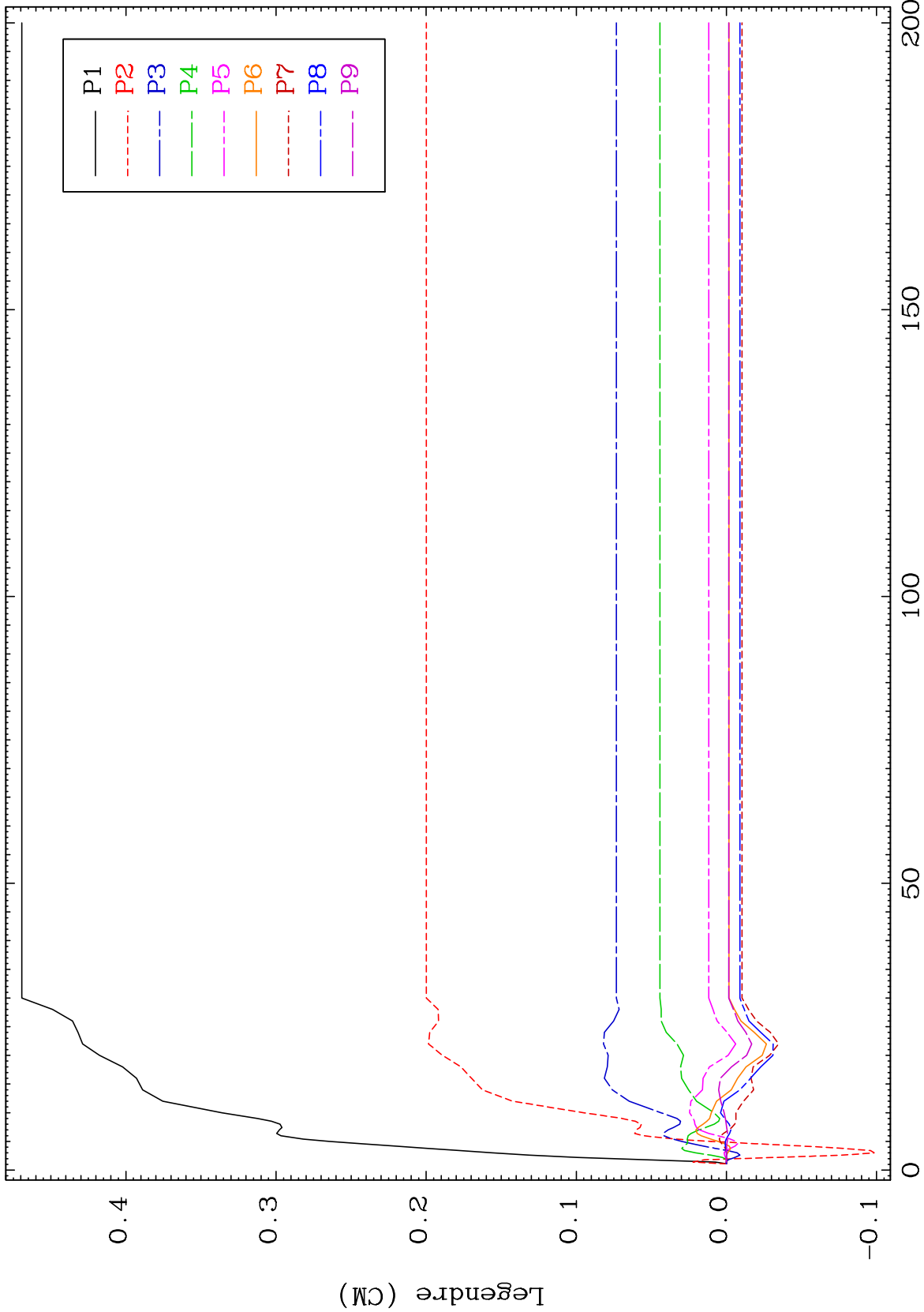




MAT 6240

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

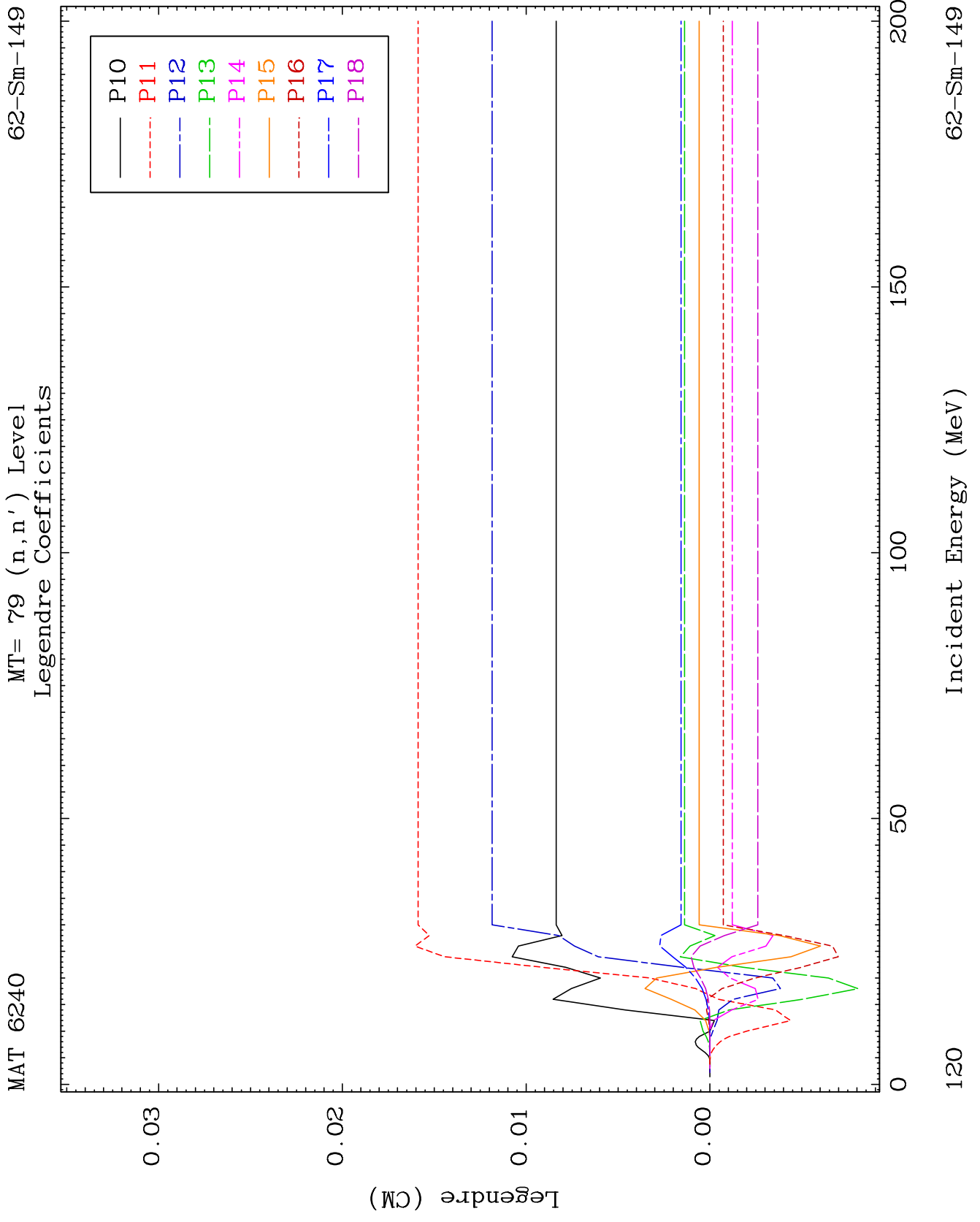
62-Sm-149



119

Incident Energy (MeV)

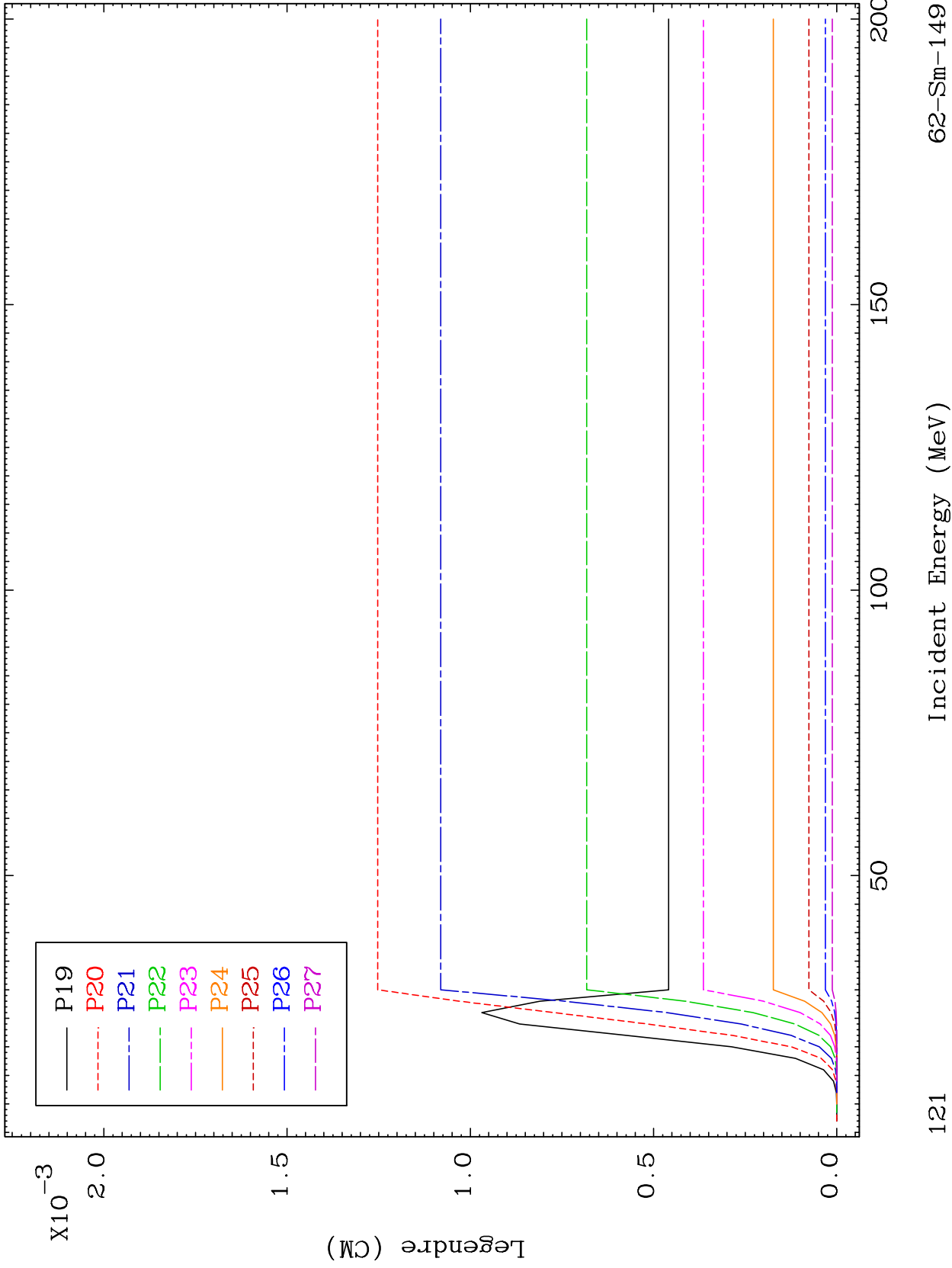
62-Sm-149



MAT 6240

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

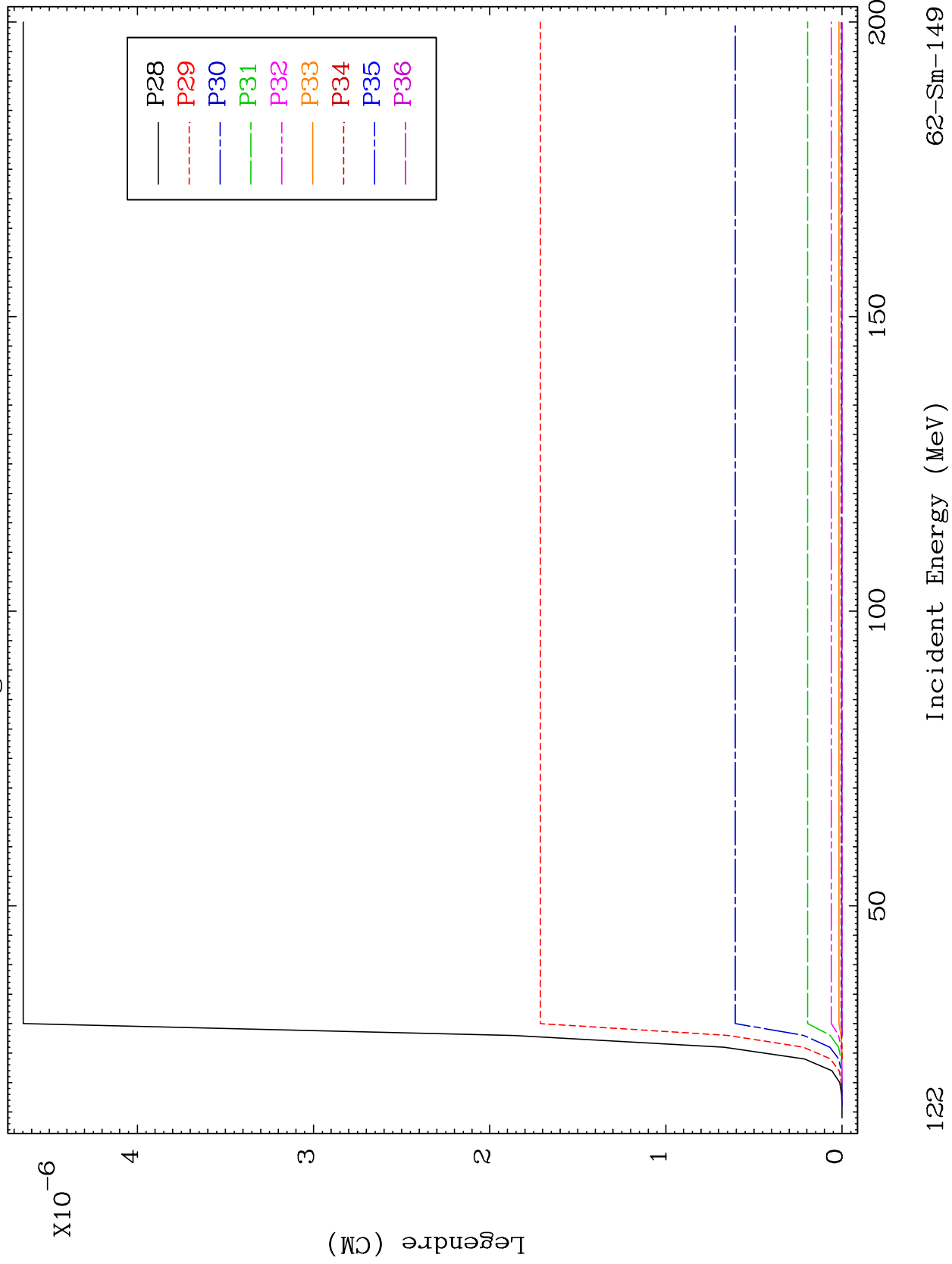
62-Sm-149



MAT 6240

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

62-Sm-149



122

Incident Energy (MeV)

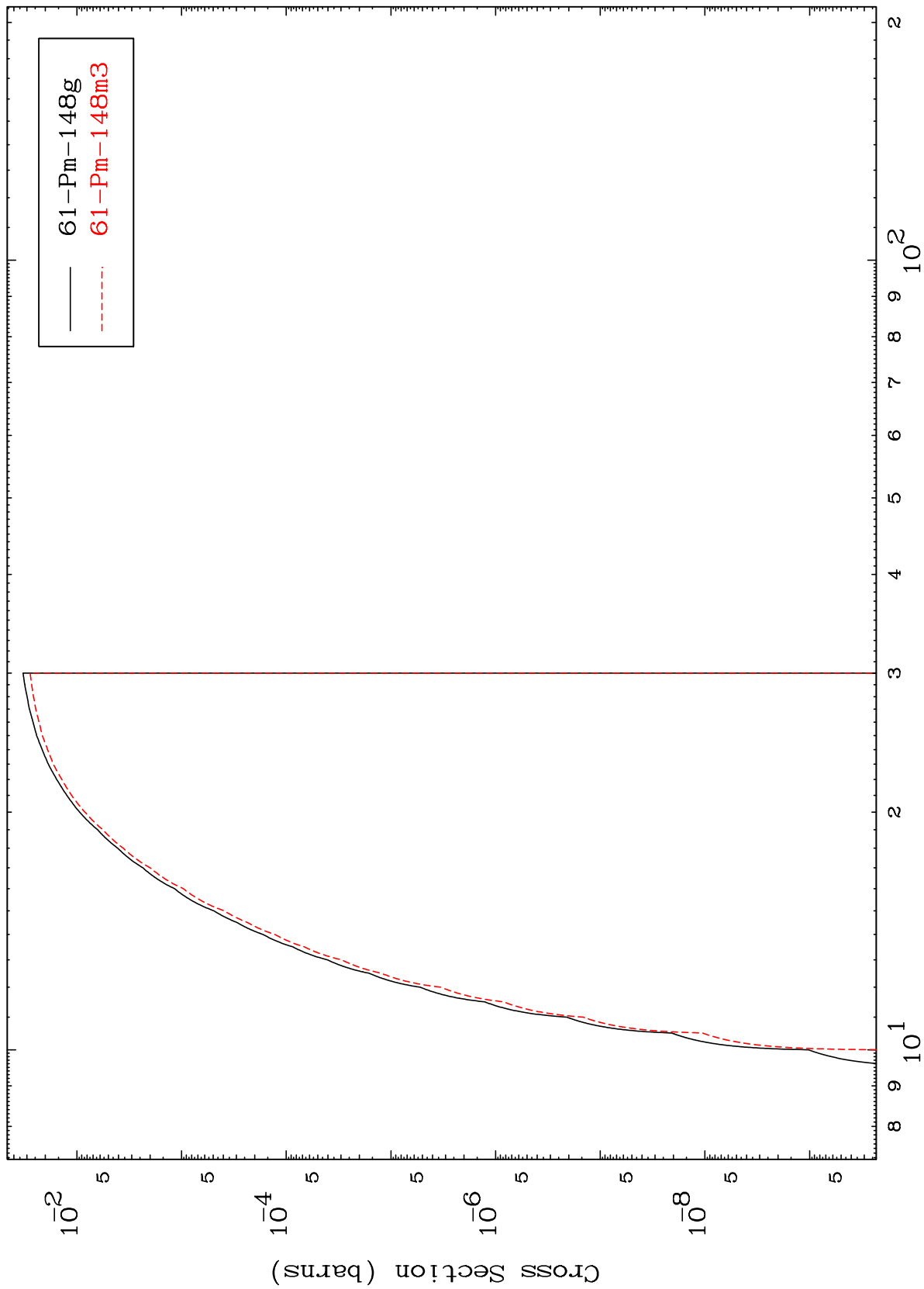
62-Sm-149

MAT 6240

(n,n') p

62-Sm-149

Radionuclide Production Cross Section



123

Incident Energy (MeV)

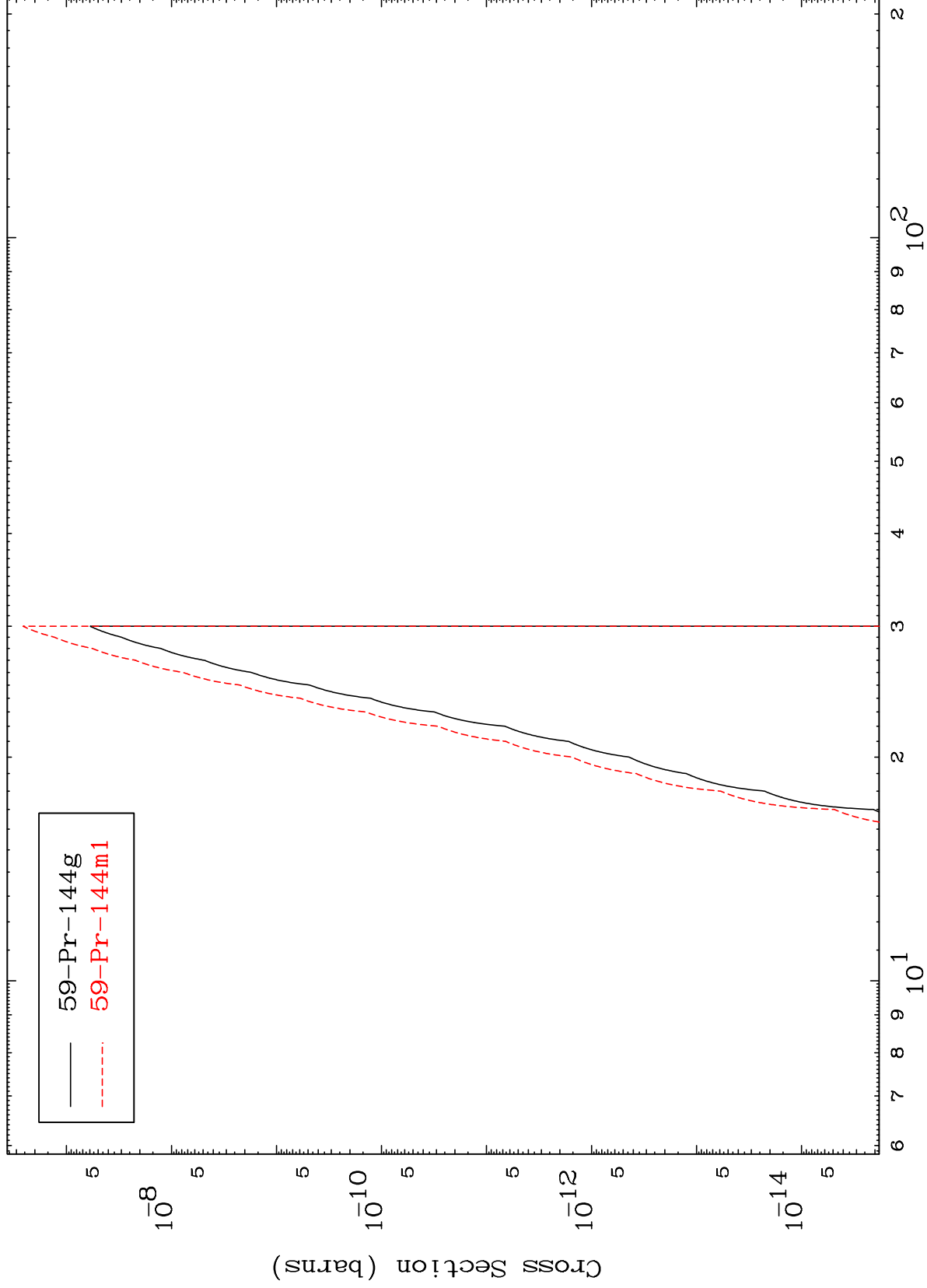
62-Sm-149

MAT 6240

(n,n') p α

62-Sm-149

Radionuclide Production Cross Section



124

Incident Energy (MeV)

62-Sm-149

