

Program EVALPLOT
(Version 2017-1)

by

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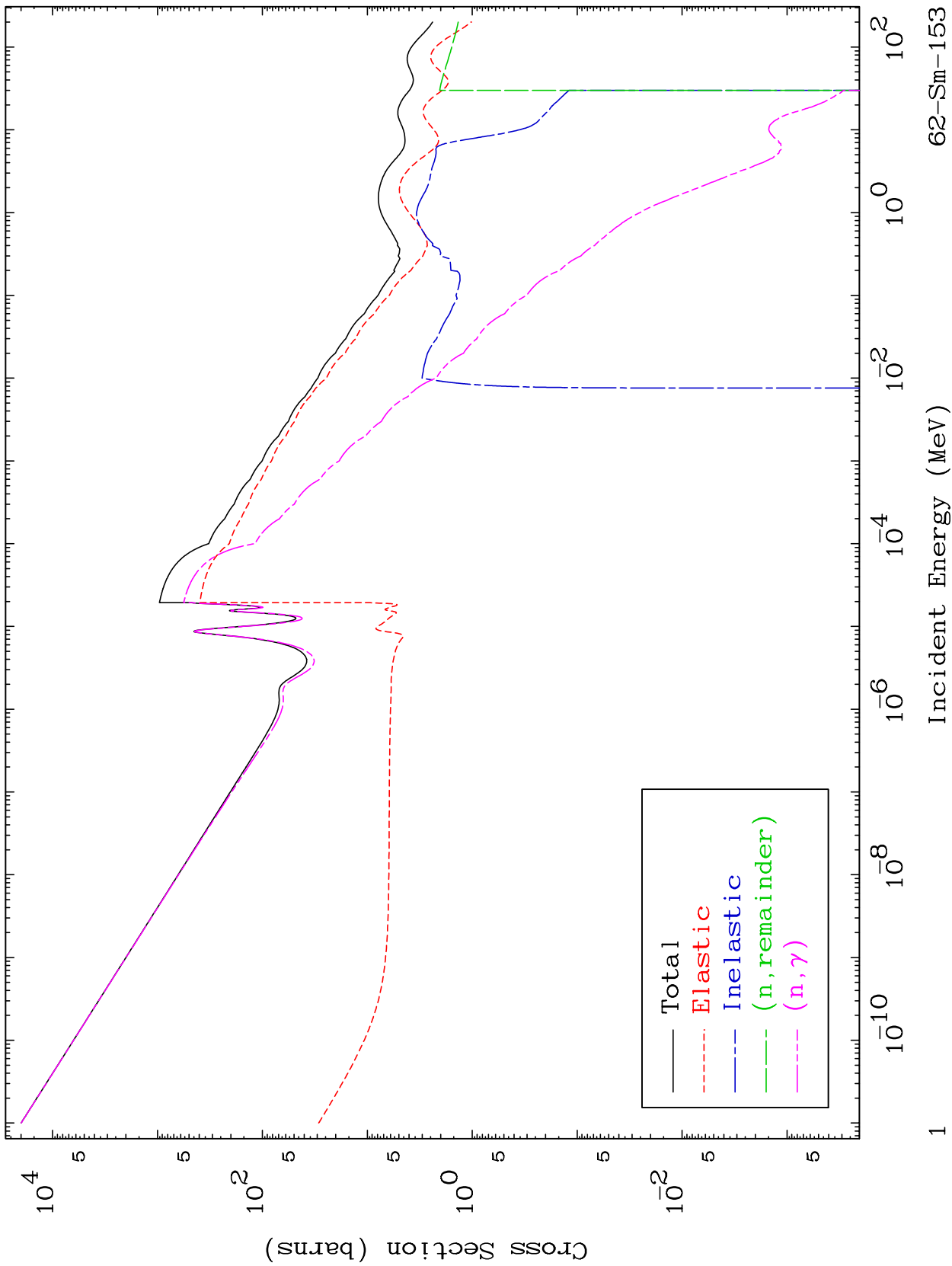
Press Mouse Button to Start

MAT 6252

Major

293 Kelvin Cross Sections

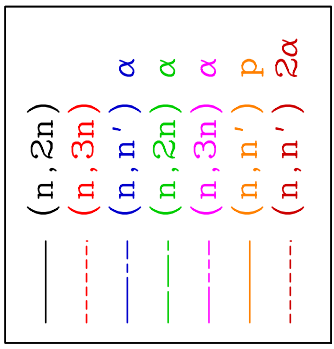
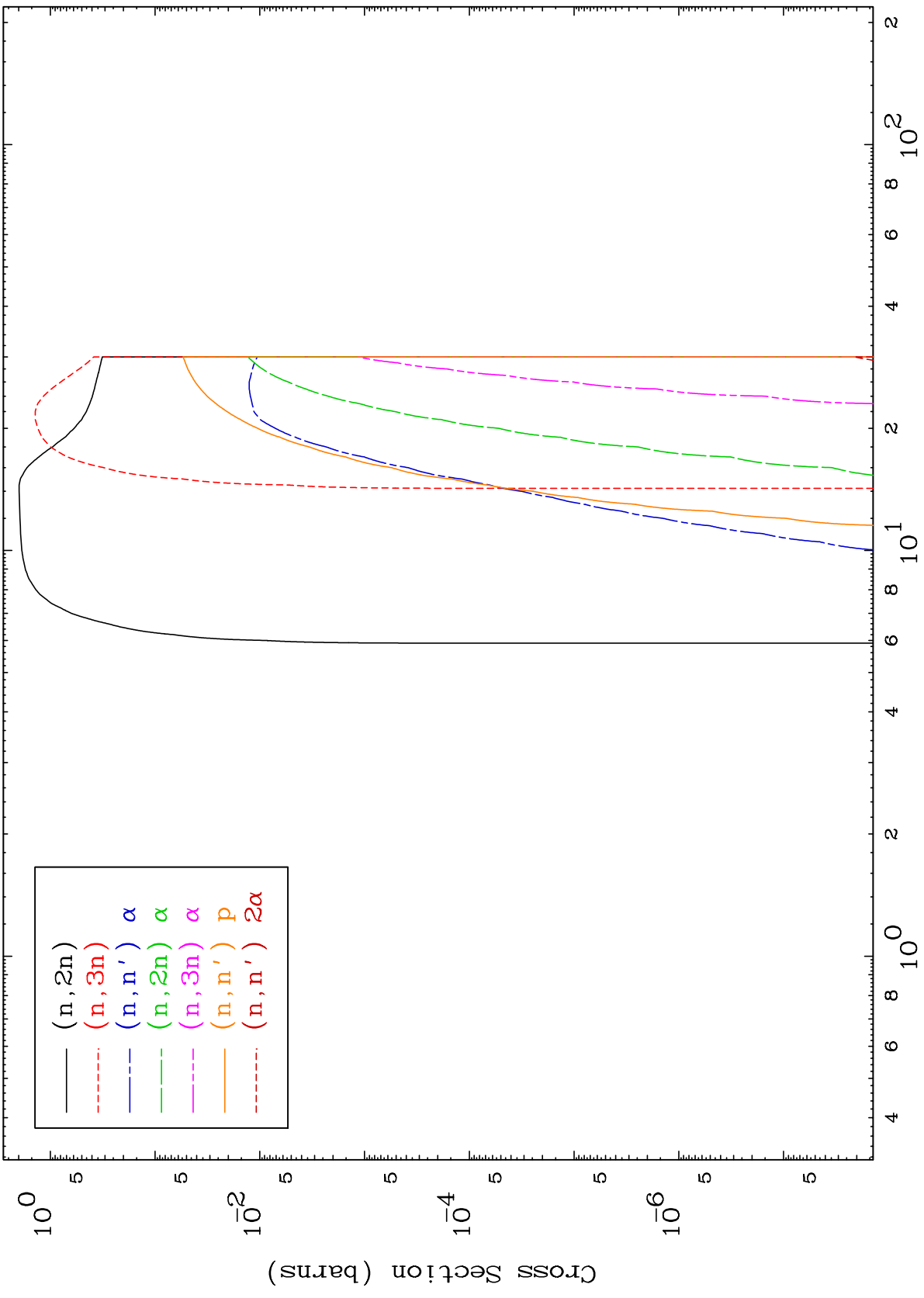
62-Sm-153



MAT 6252

Neutron Production
293 Kelvin Cross Sections

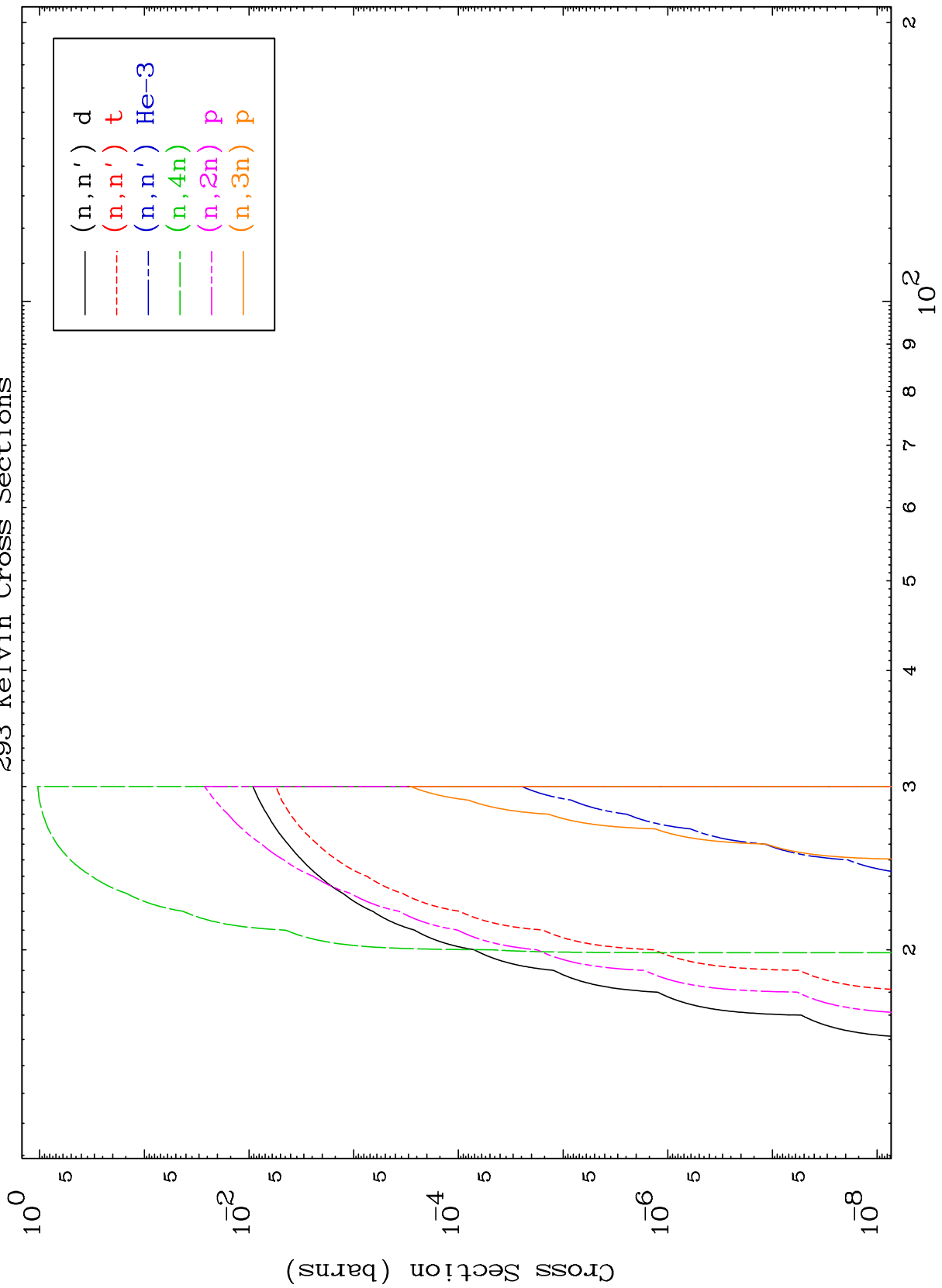
62-Sm-153



Incident Energy (MeV)

62-Sm-153

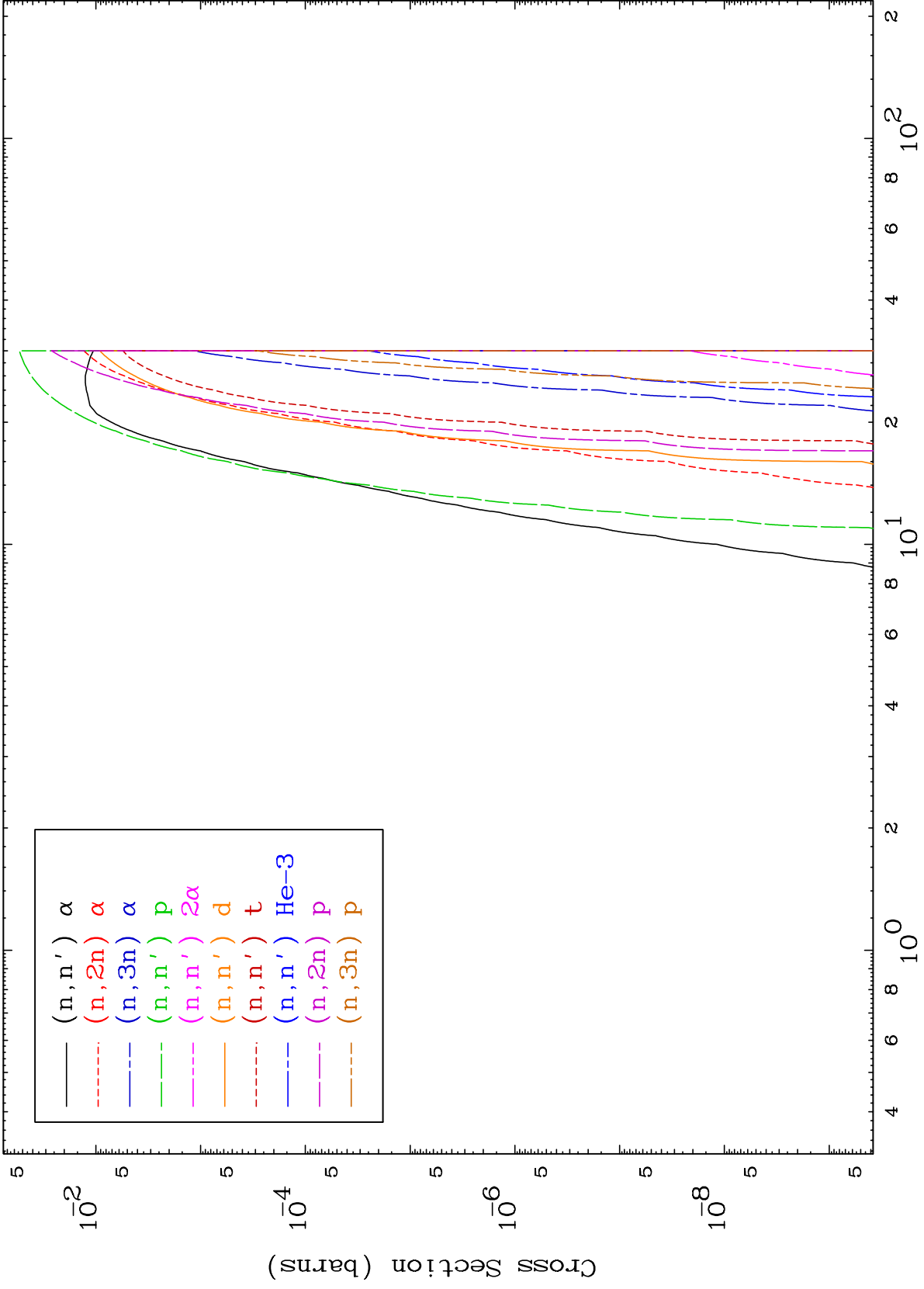
2

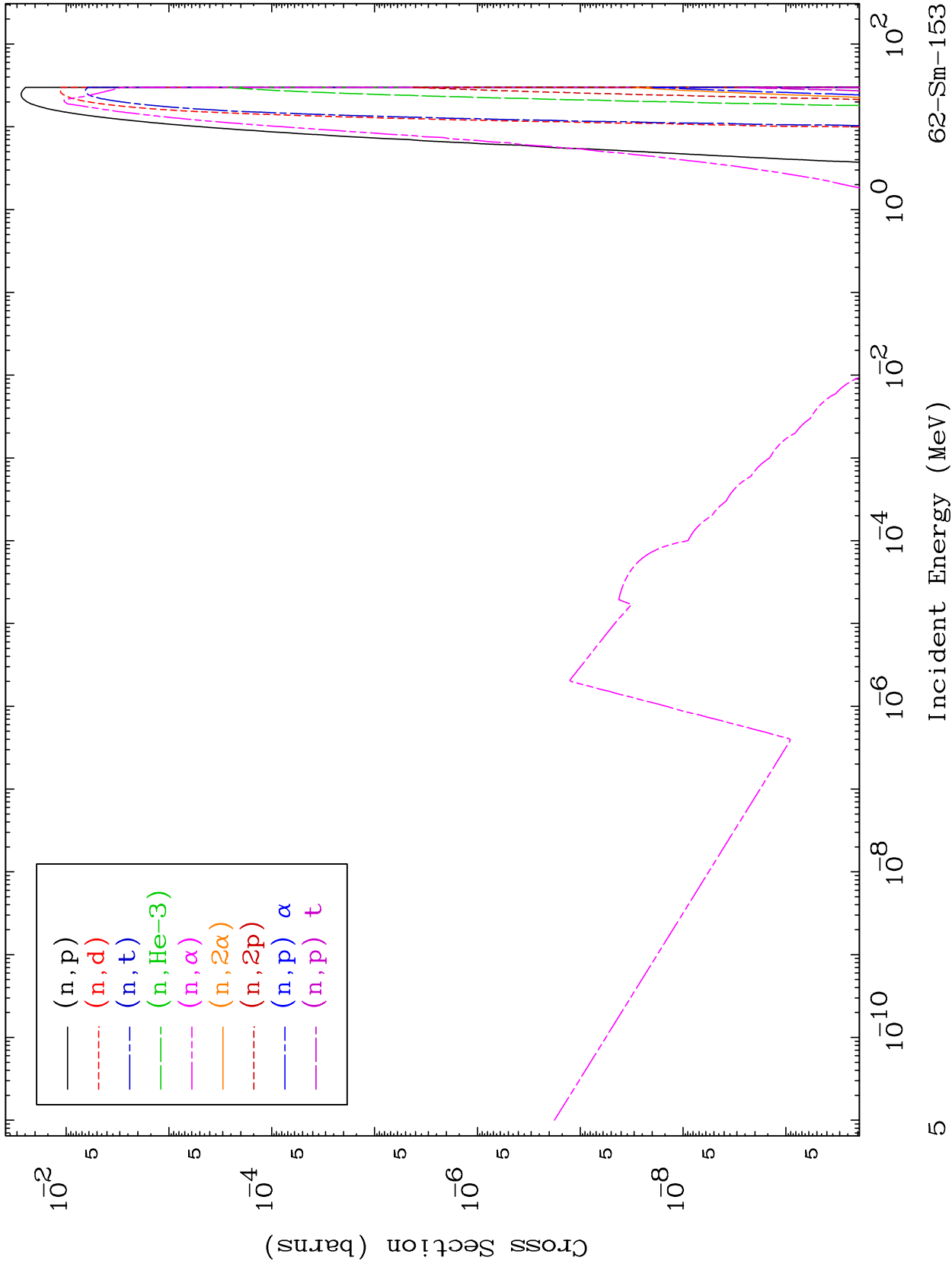


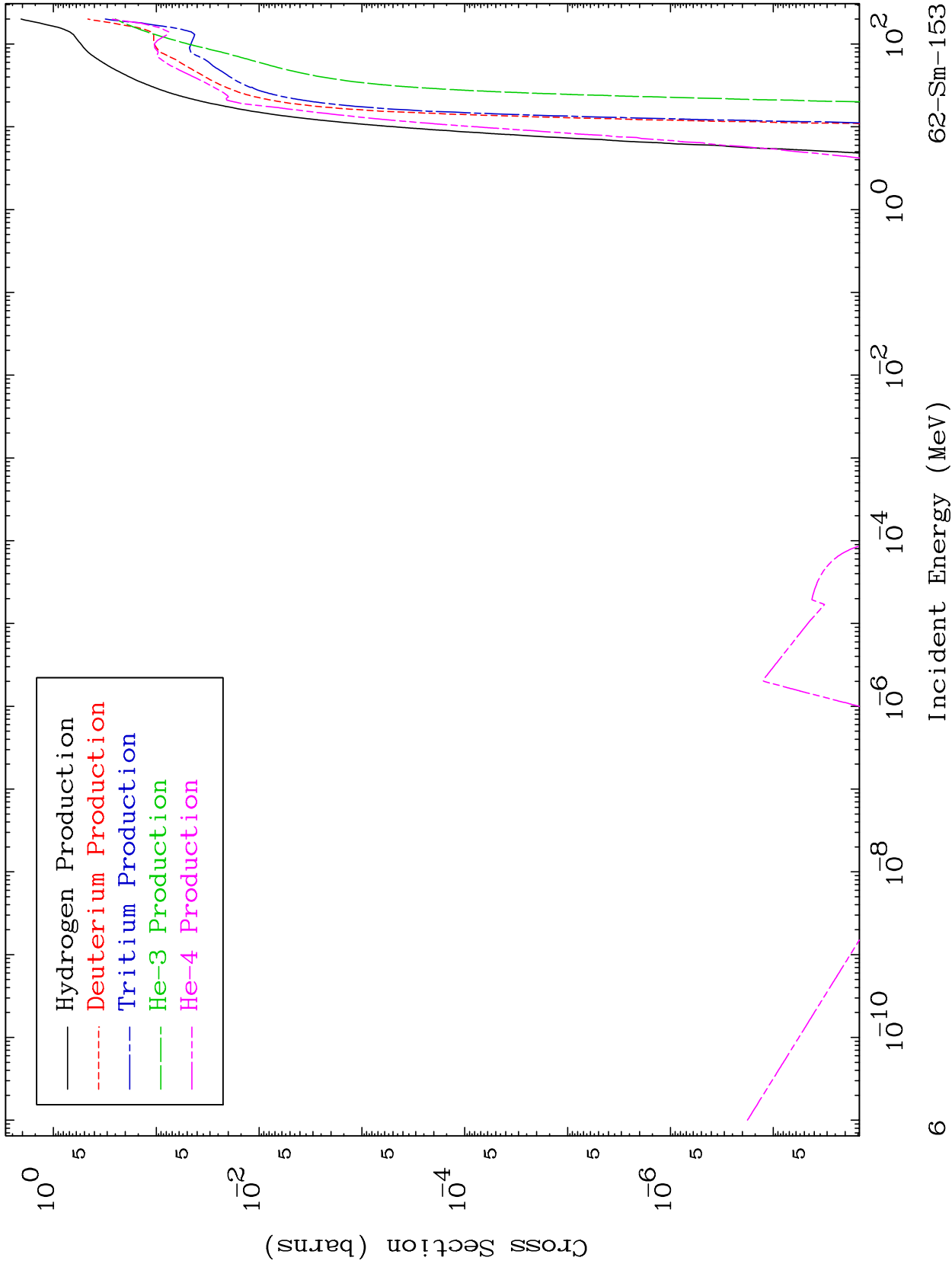
MAT 6252

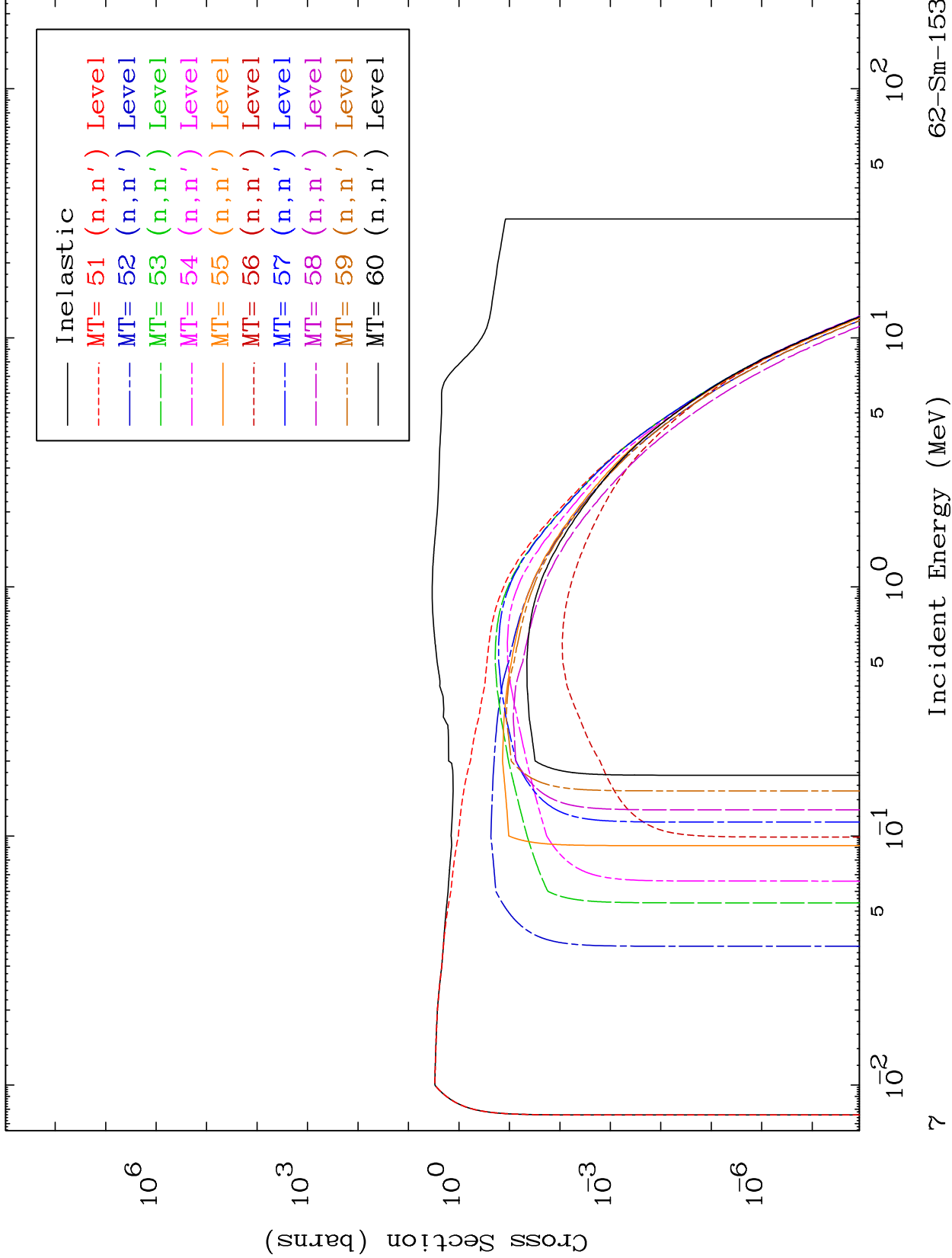
Charged Particle
293 Kelvin Cross Sections

62-Sm-153







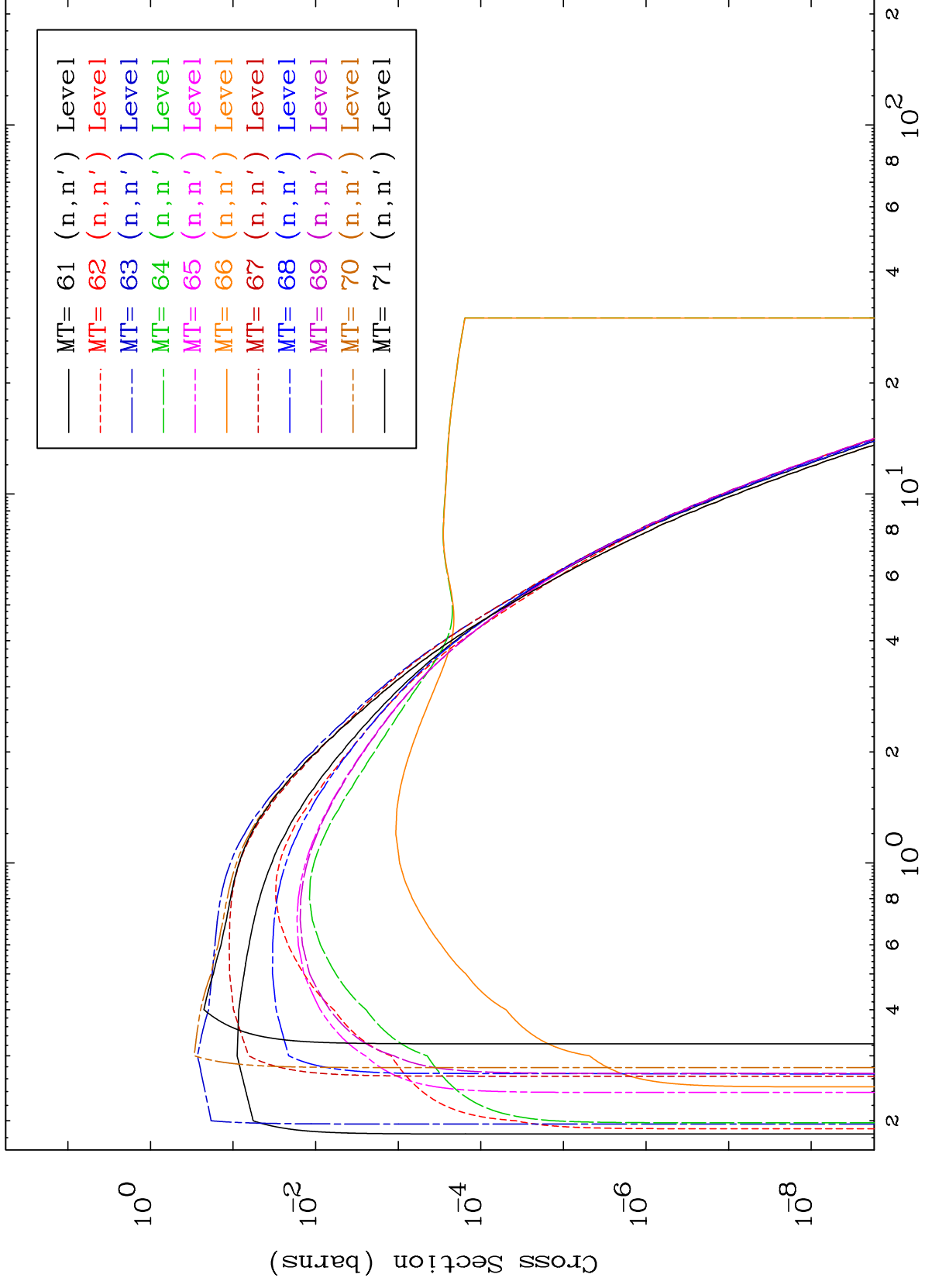


MAT 6252

(n,n') Level

293 Kelvin Cross Sections

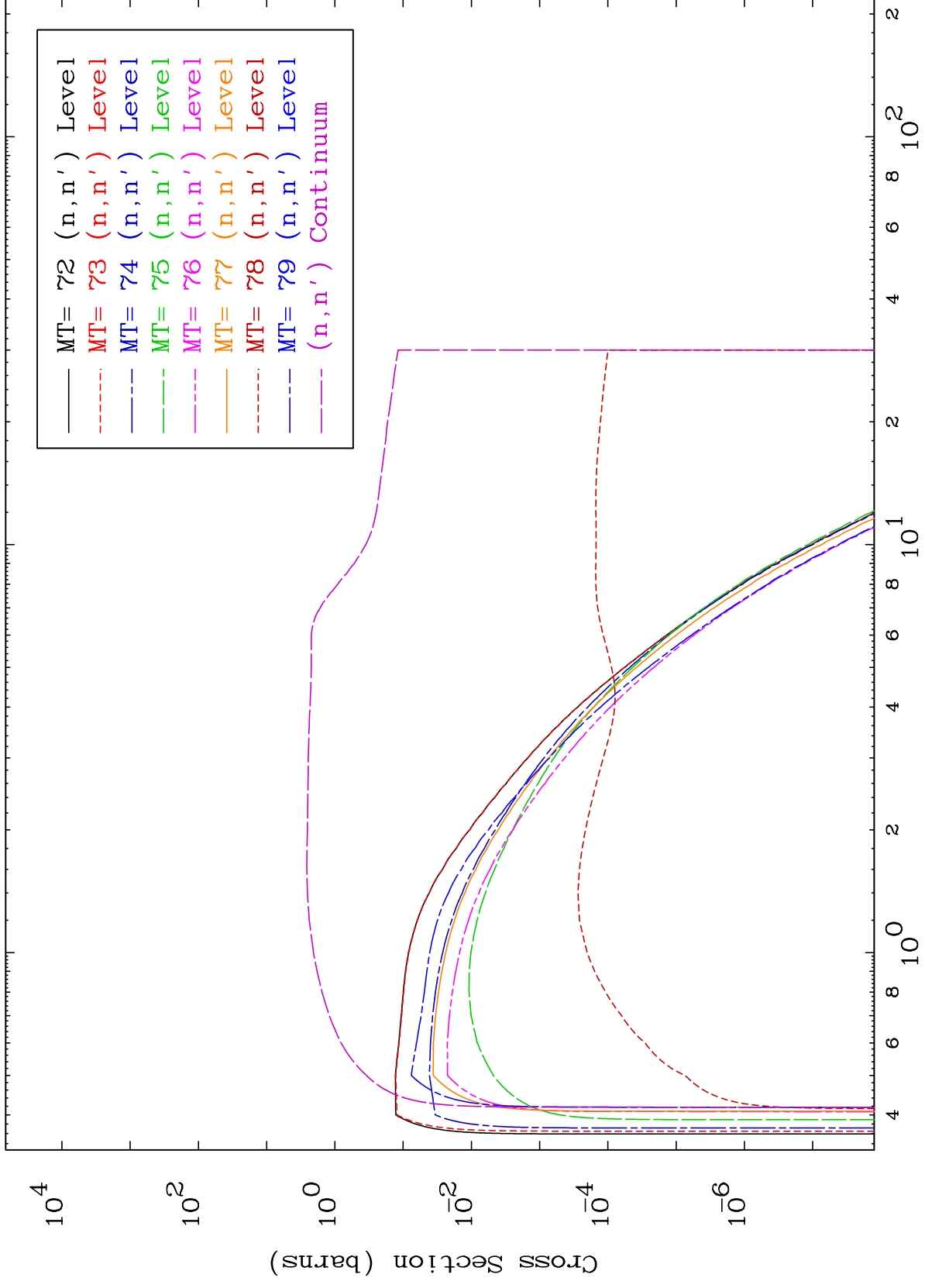
62-Sm-153



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Incident Energy (MeV)

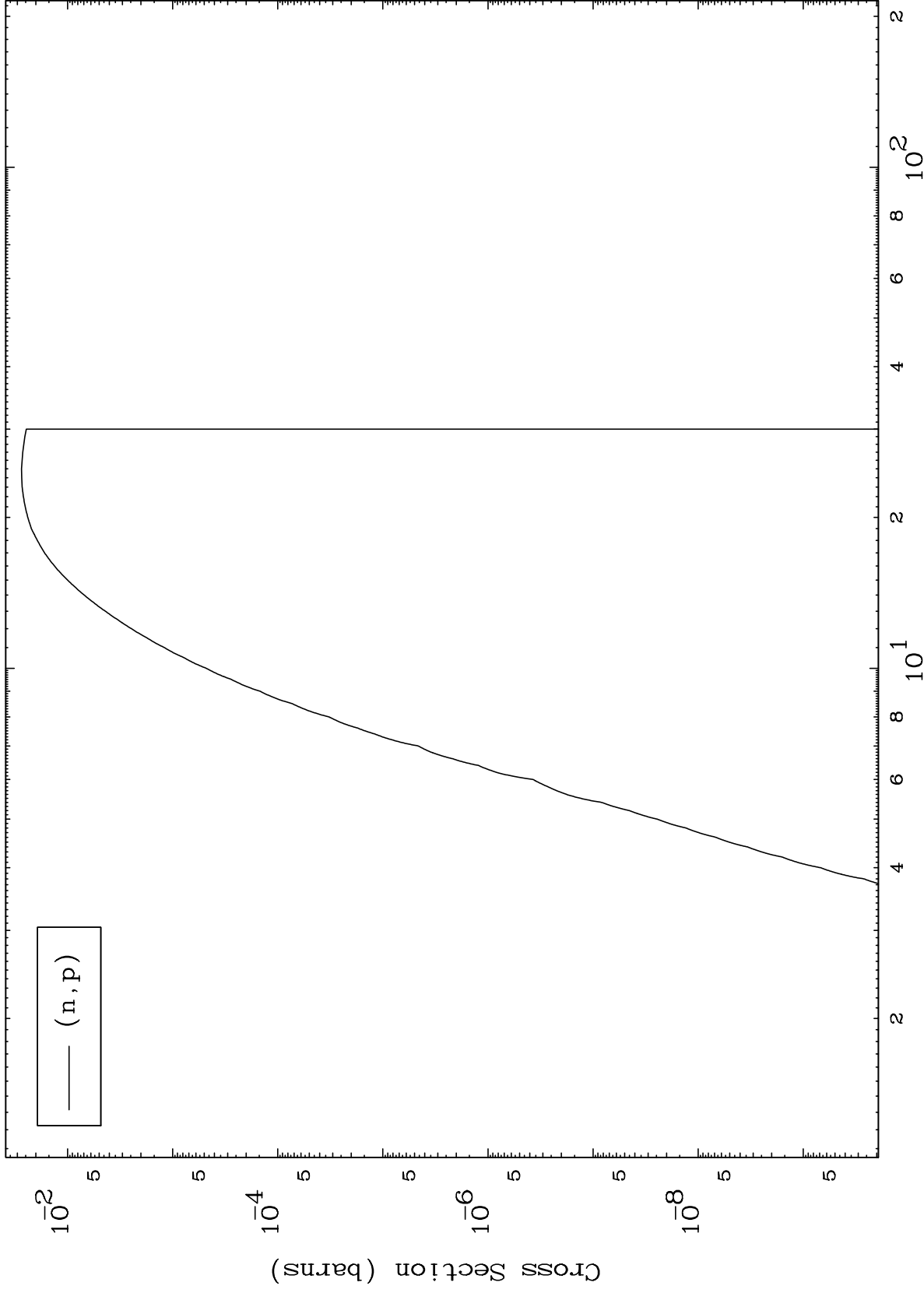
62-Sm-153



MAT 6252

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-153



10

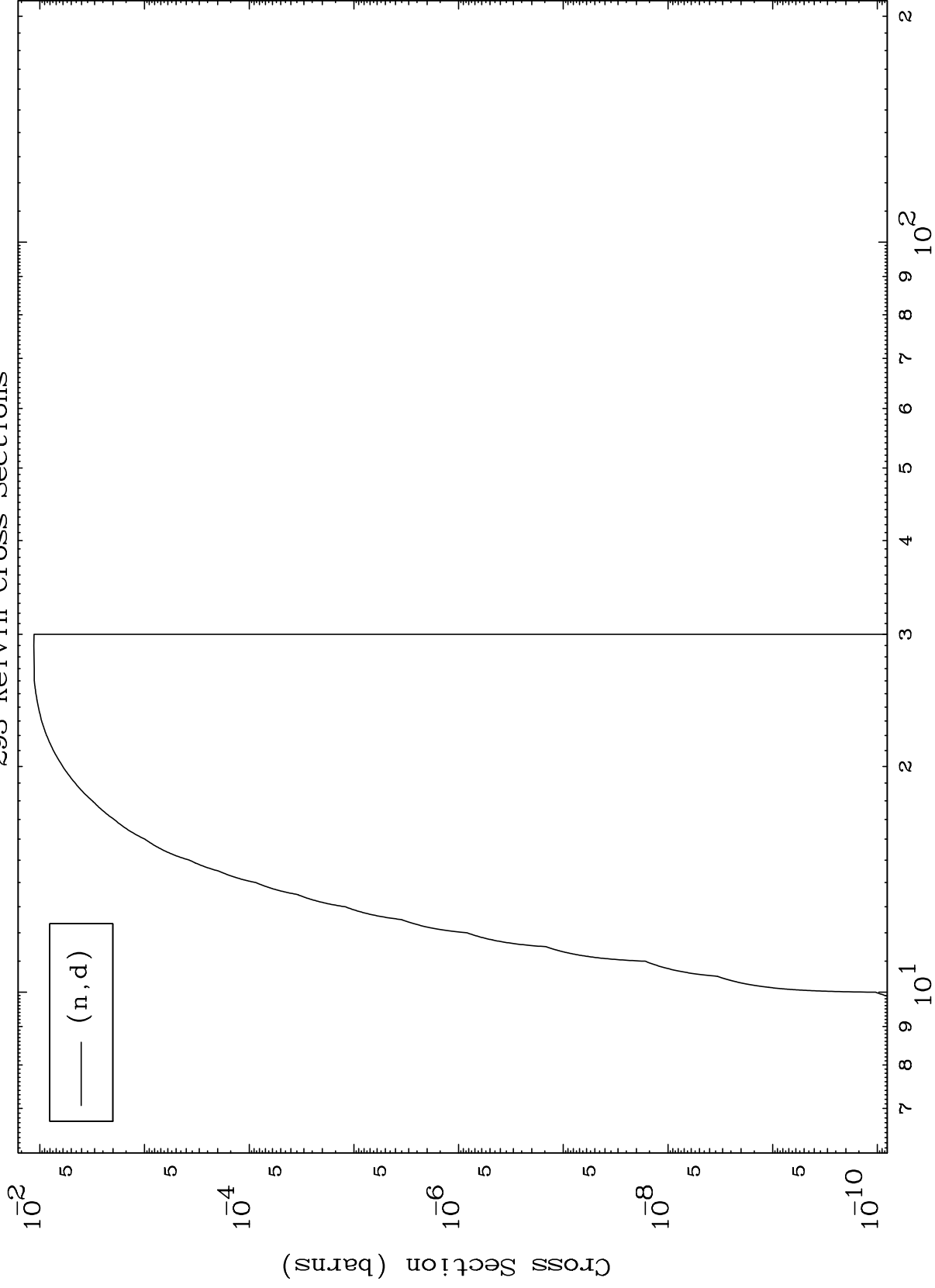
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-153



11

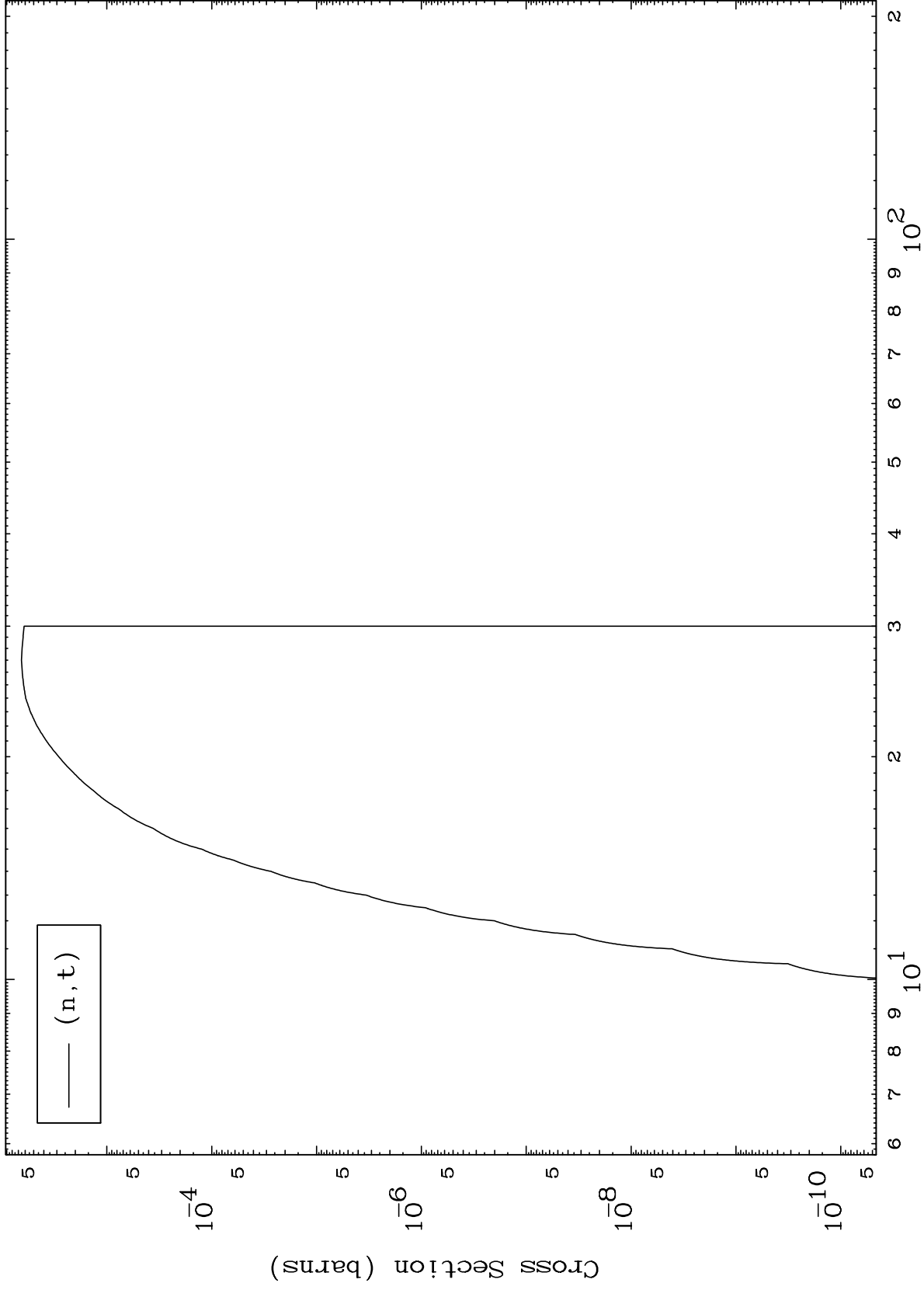
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-153



12

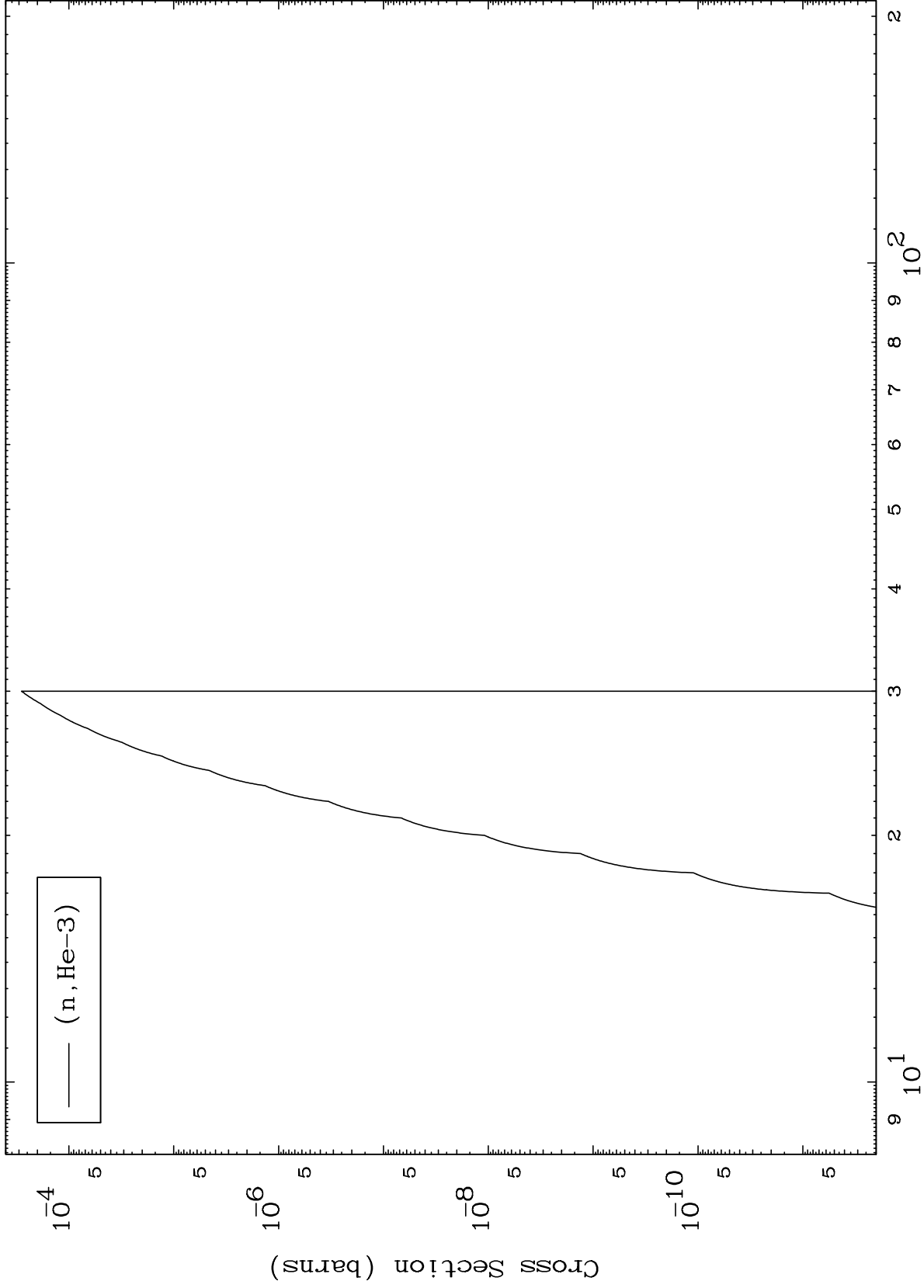
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,He3) Levels
293 Kelvin Cross Sections

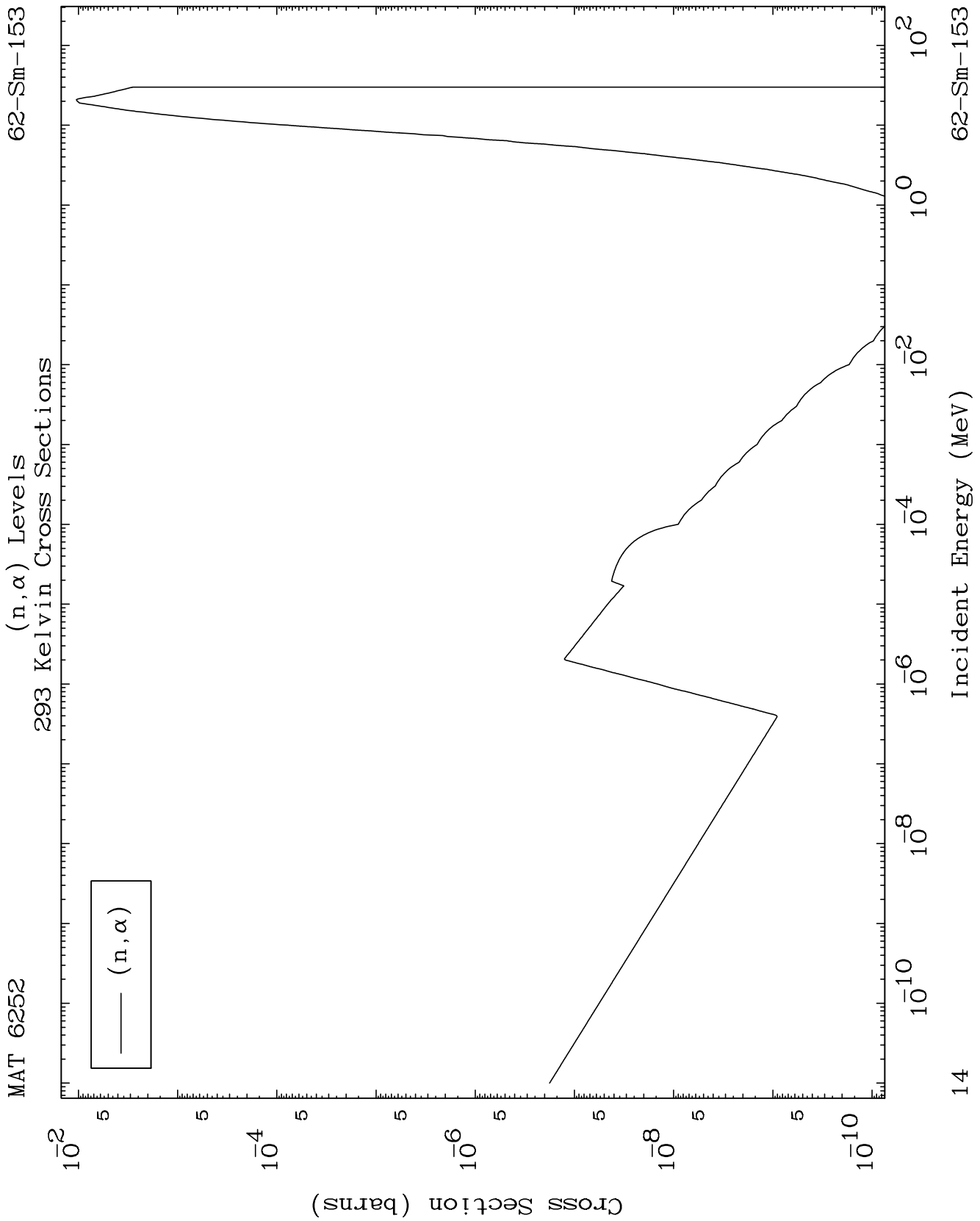
62-Sm-153

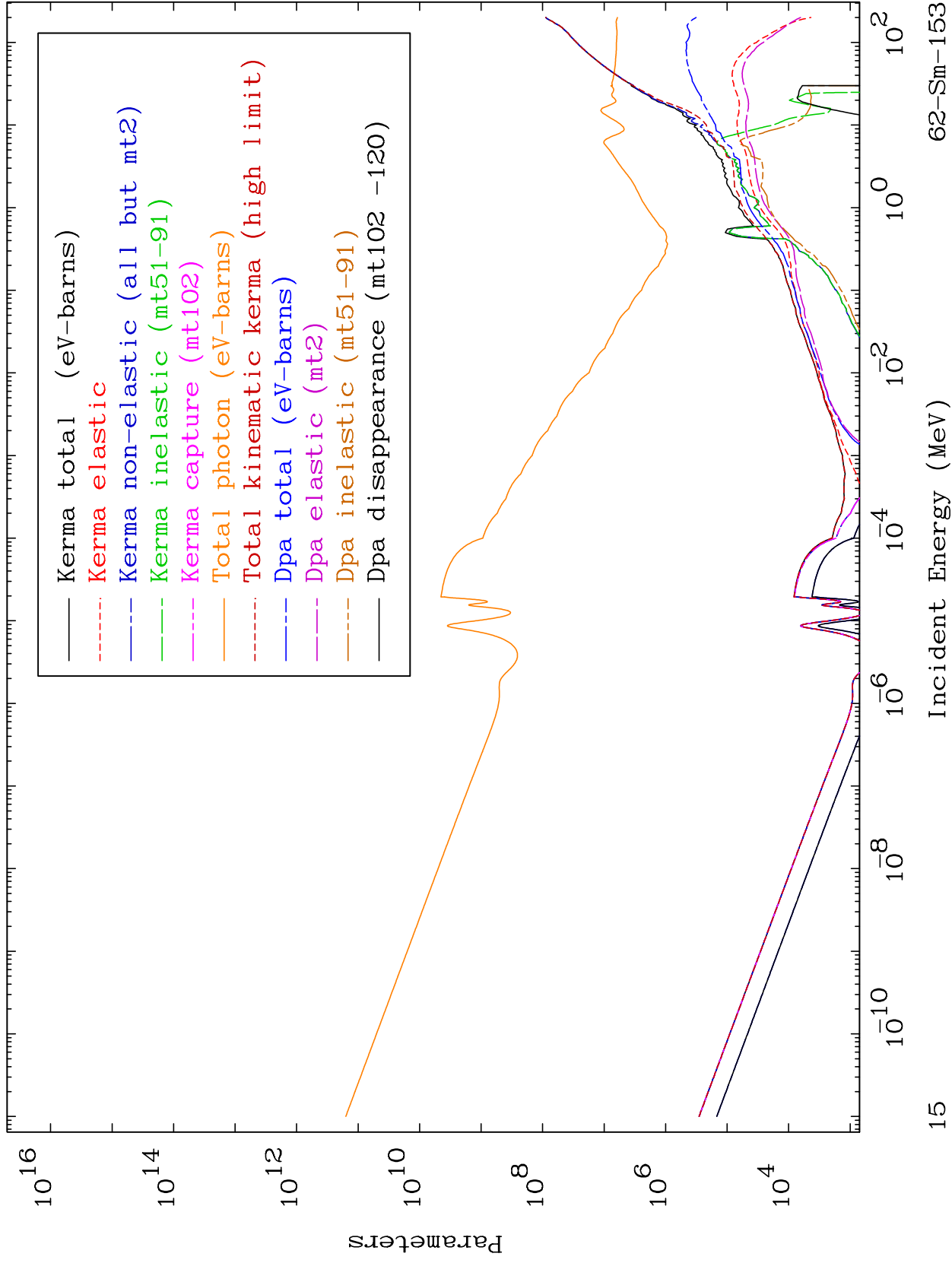


13

Incident Energy (MeV)

62-Sm-153

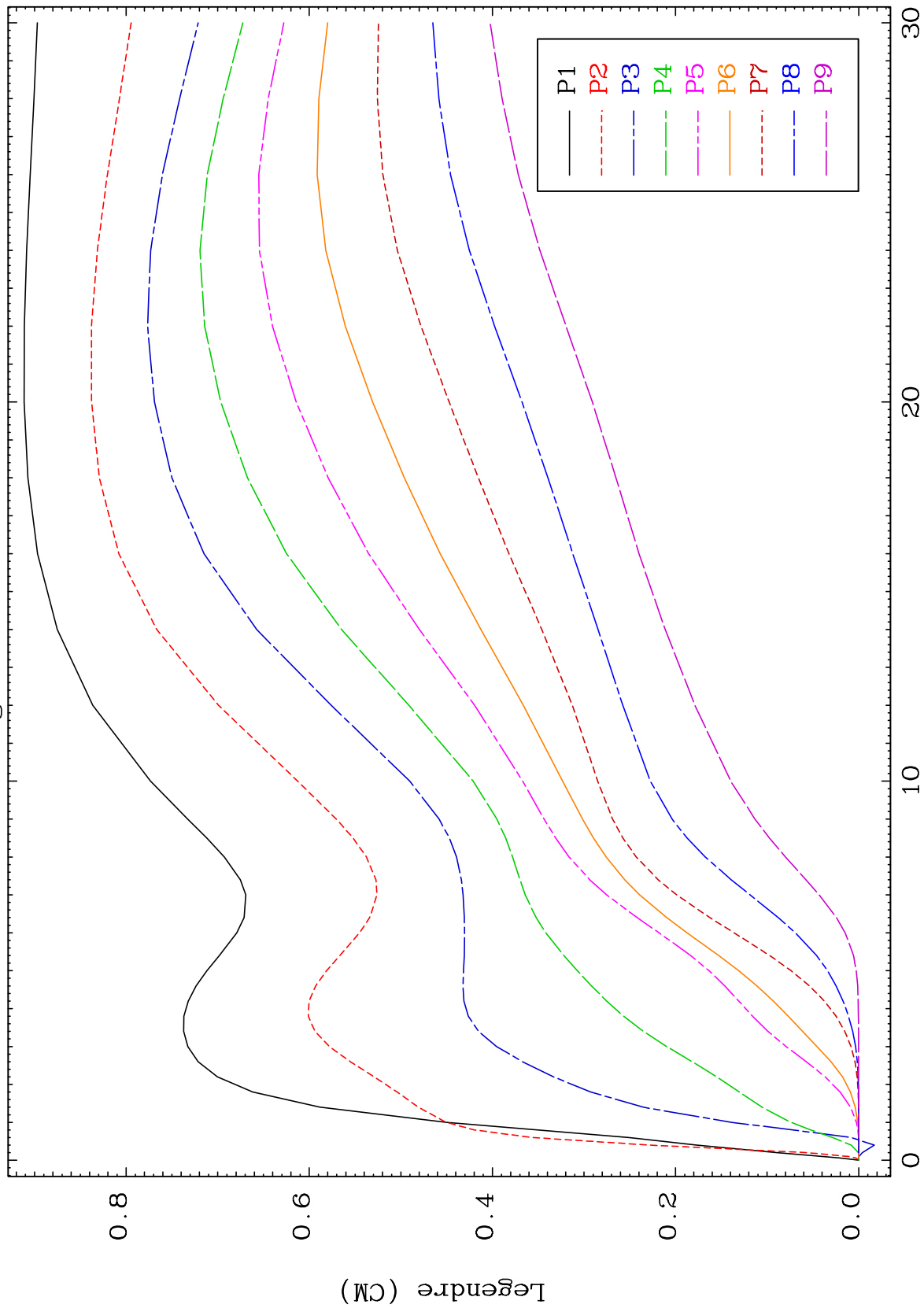




MAT 6252

Elastic Legendre Coefficients

62-Sm-153

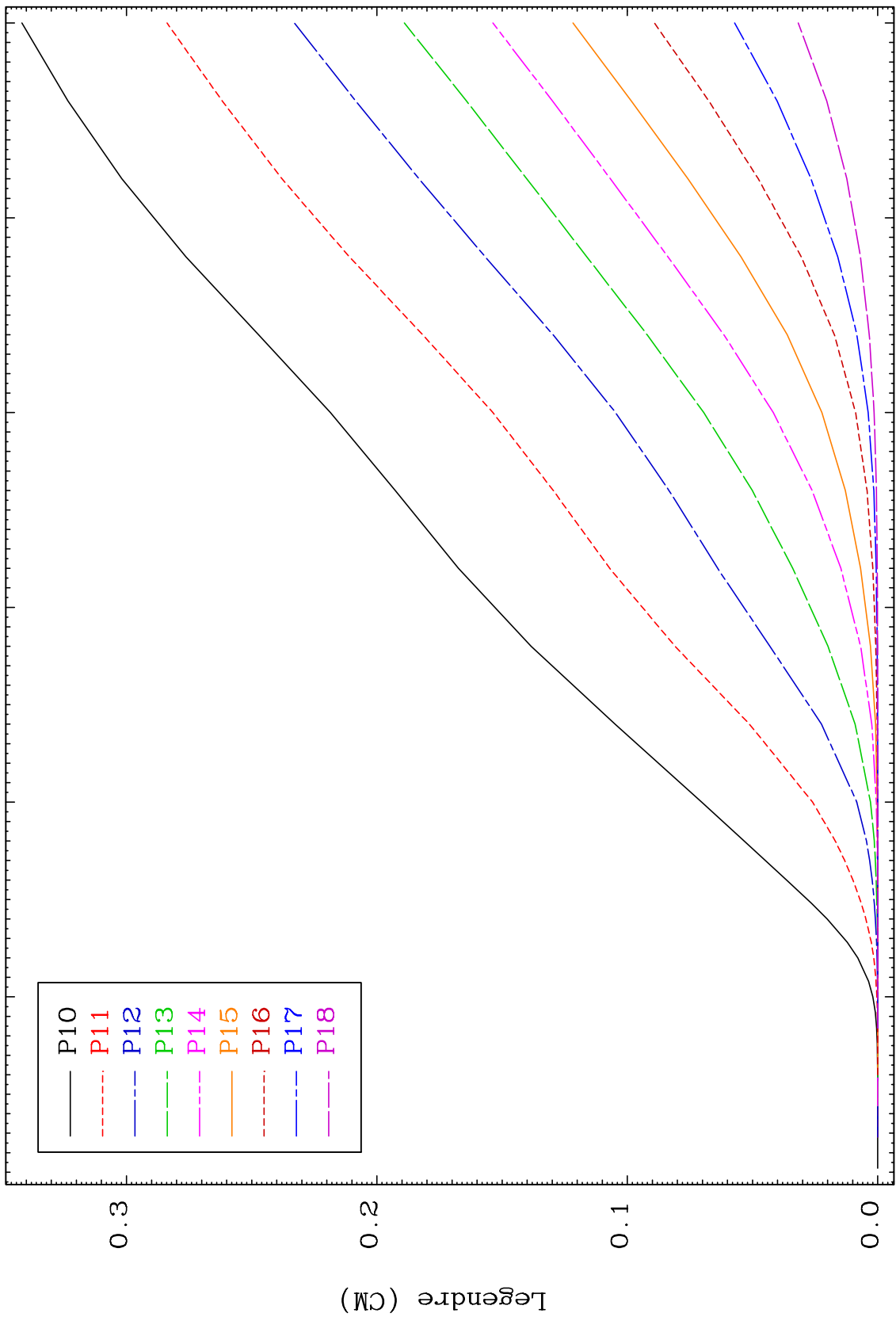


16

Incident Energy (MeV)

62-Sm-153

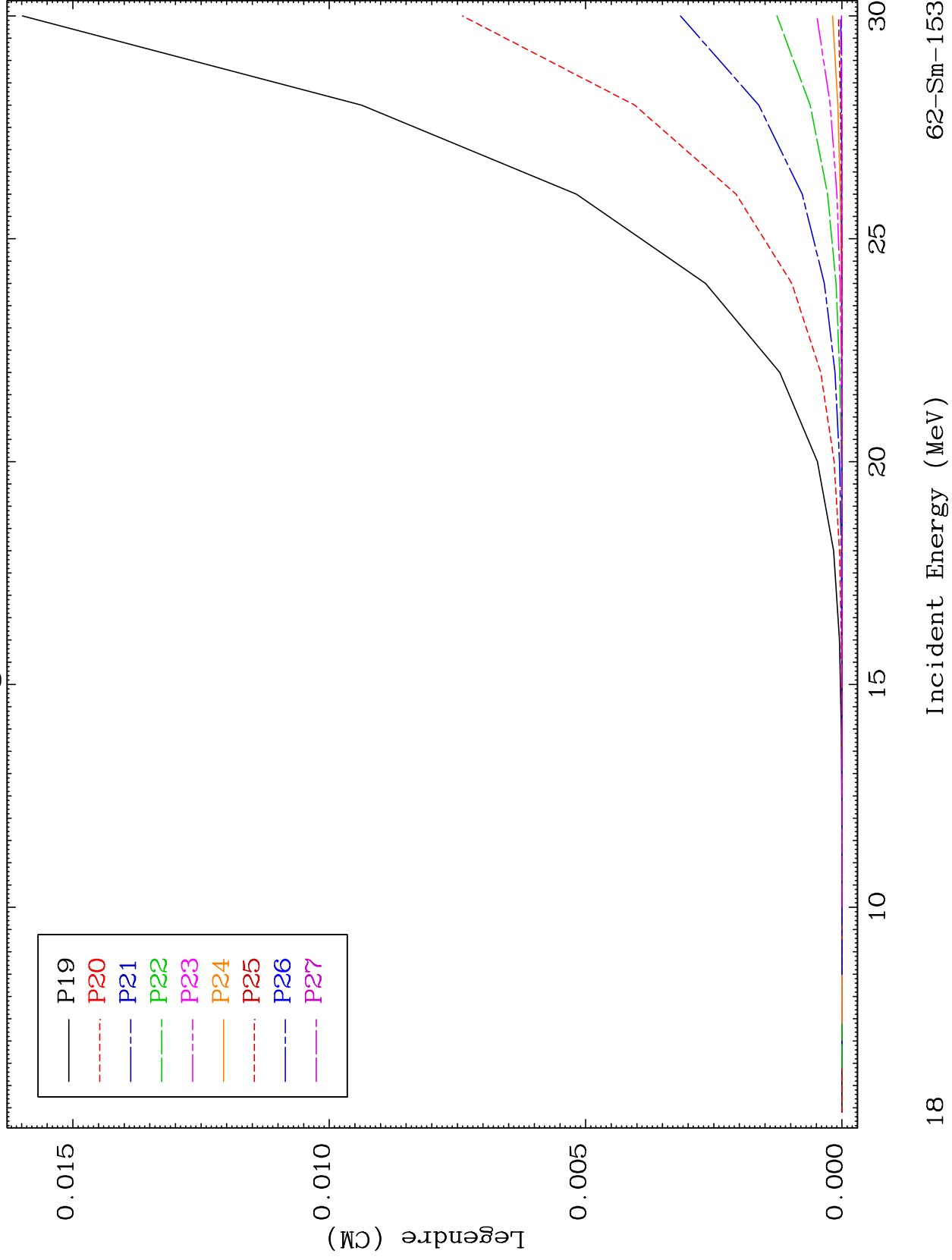
Elastic Legendre Coefficients



MAT 6252

Elastic Legendre Coefficients

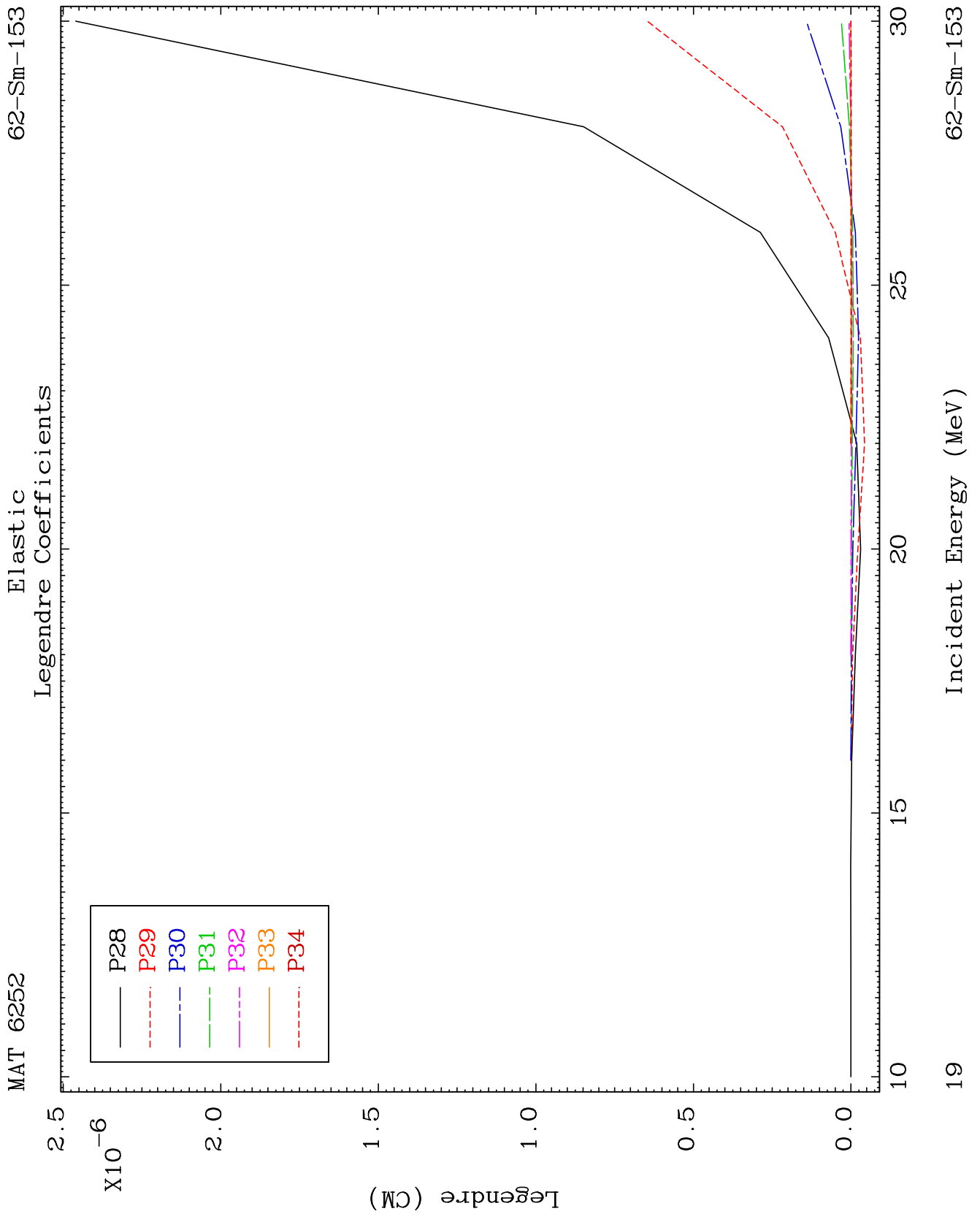
62-Sm-153

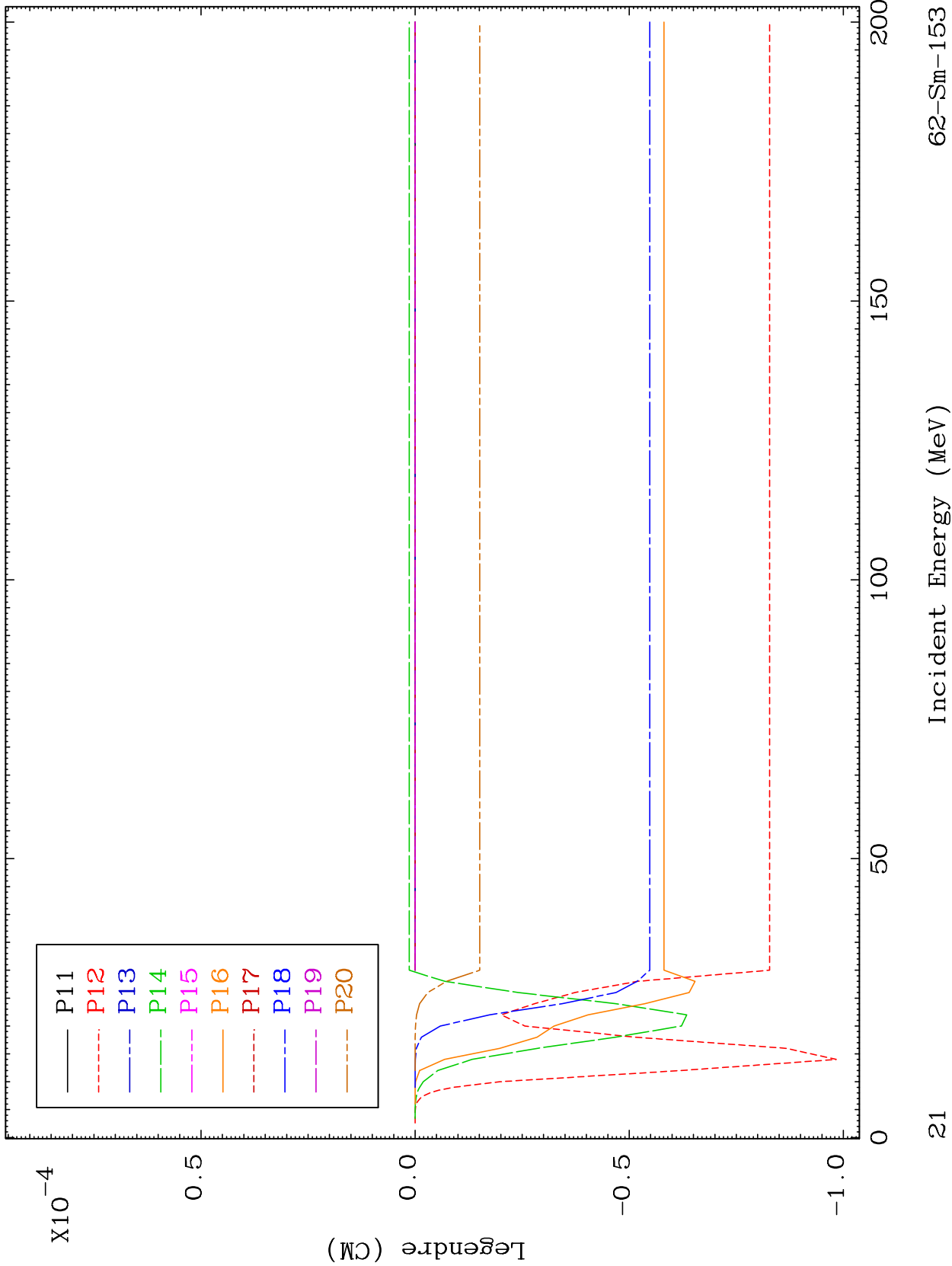


18

Incident Energy (MeV)

62-Sm-153

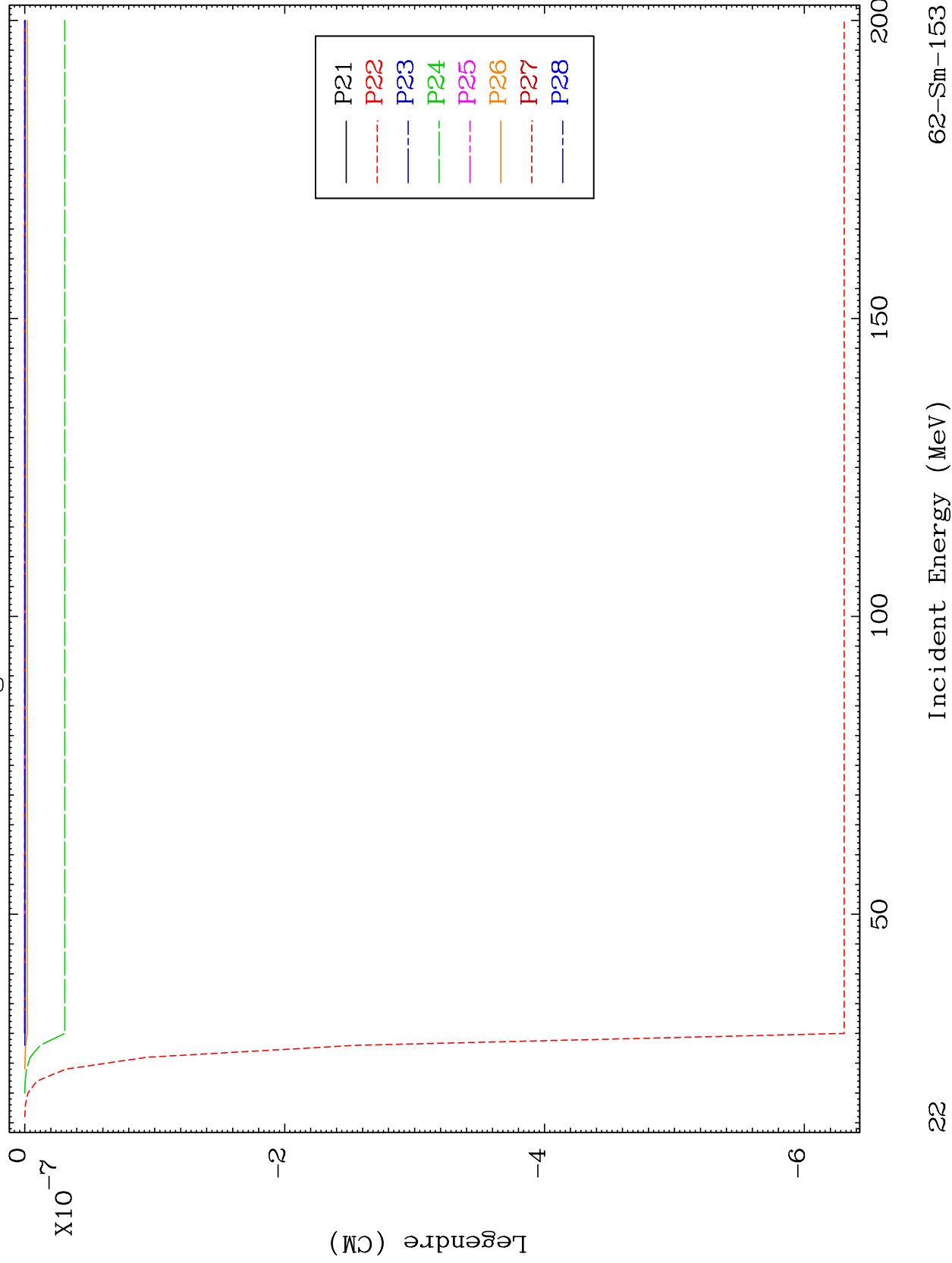




MAT 6252

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

62-Sm-153



22

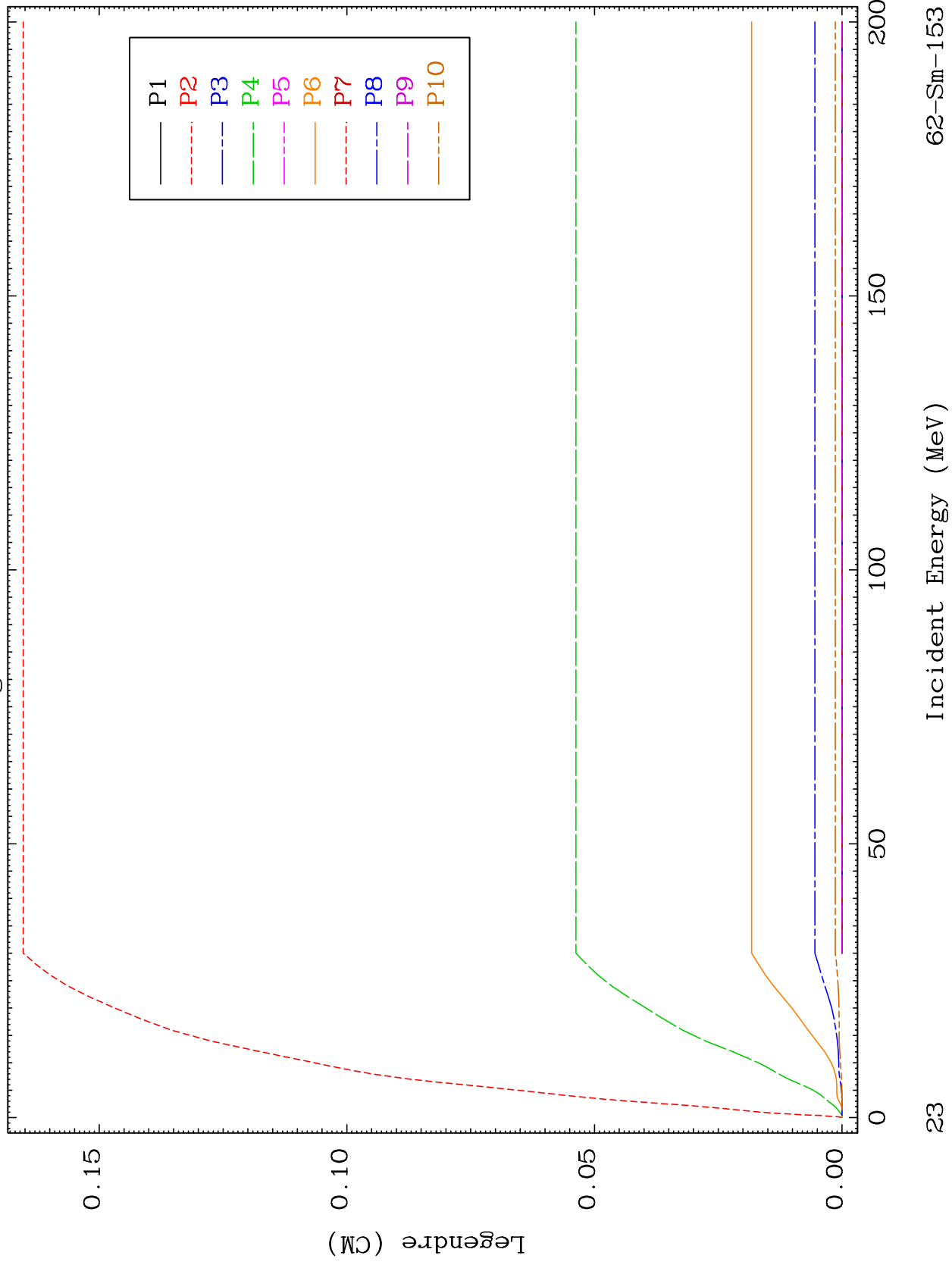
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

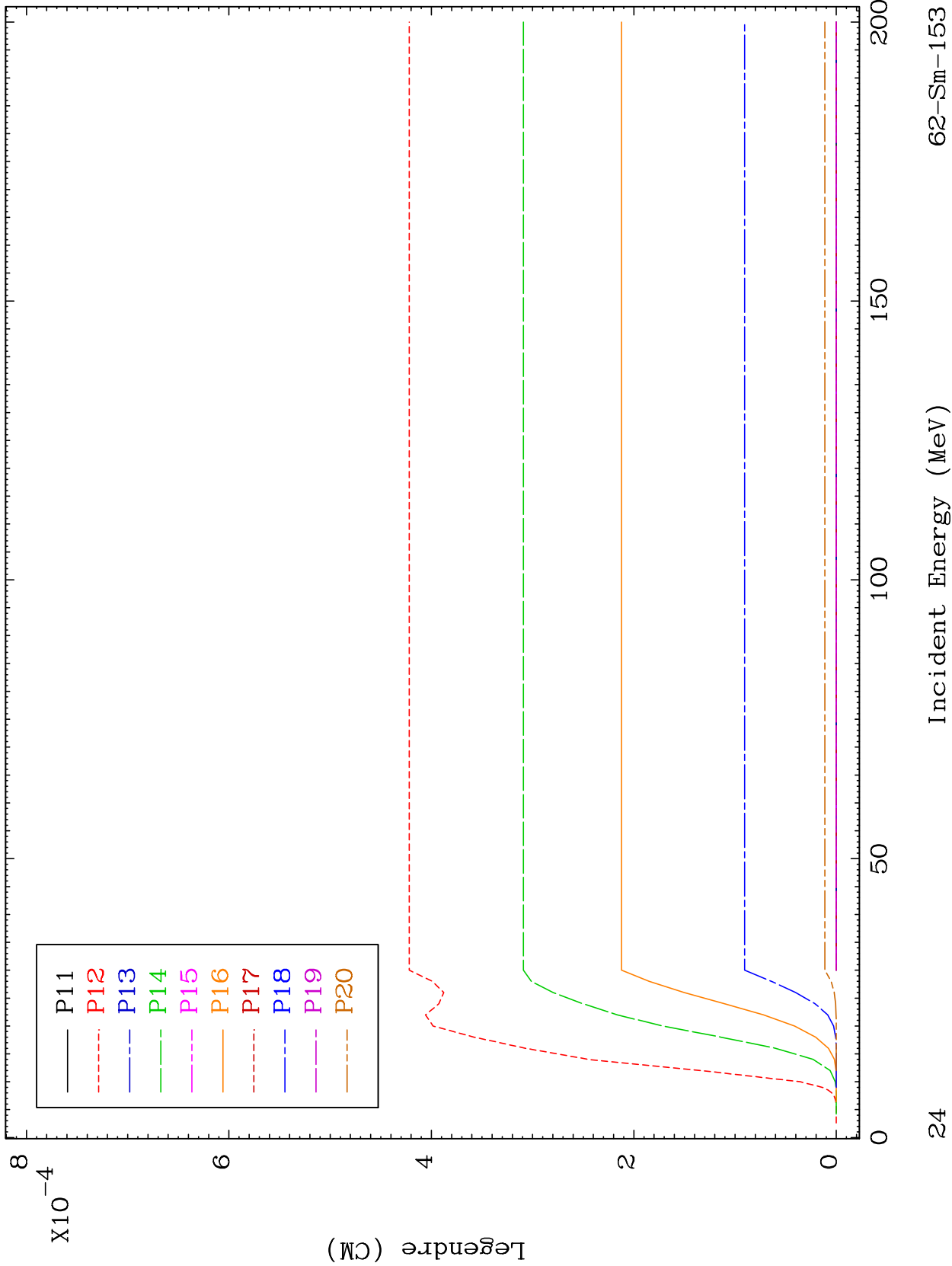
62-Sm-153



23

Incident Energy (MeV)

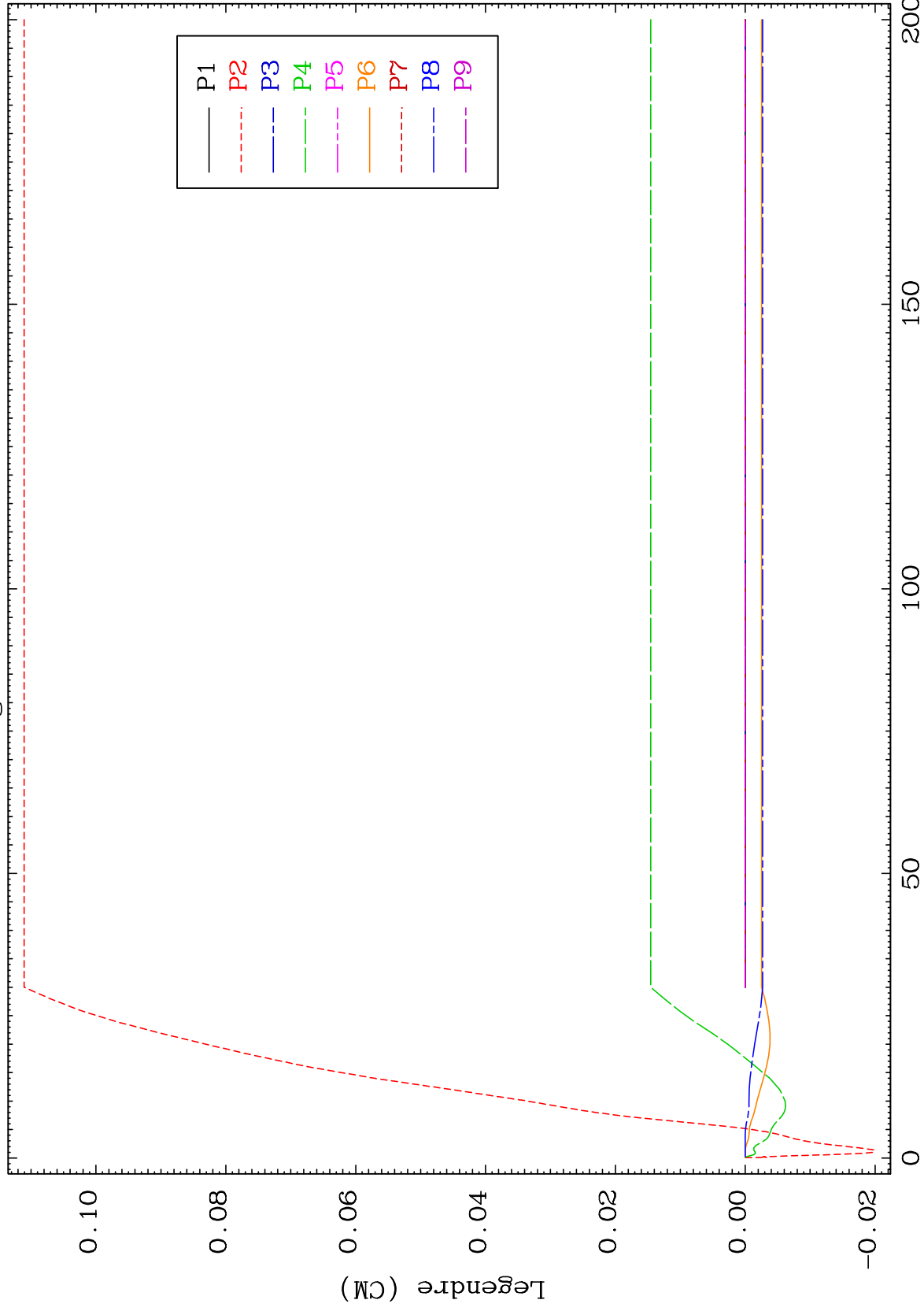
62-Sm-153



MAT 6252

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

62-Sm-153



26

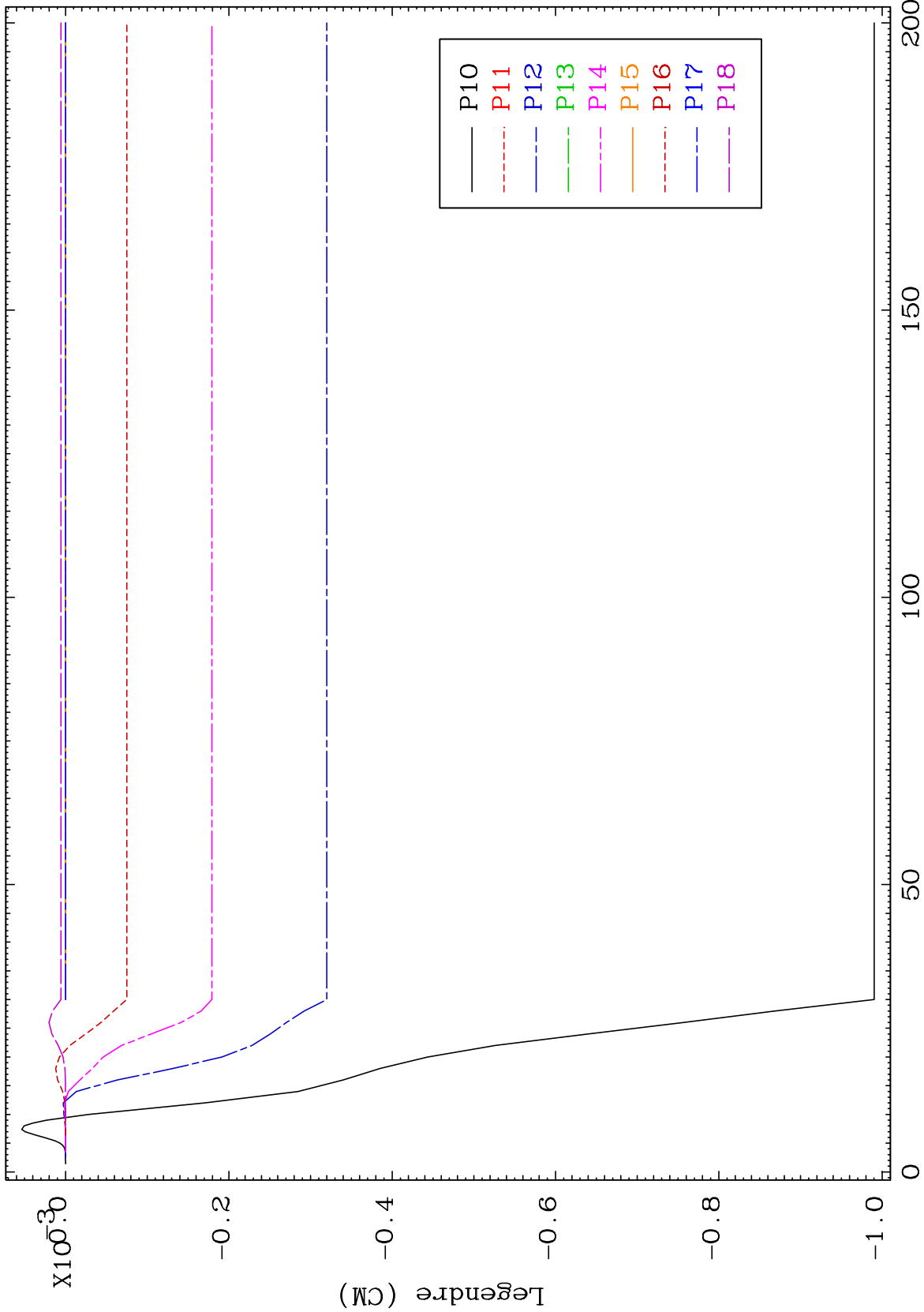
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



27

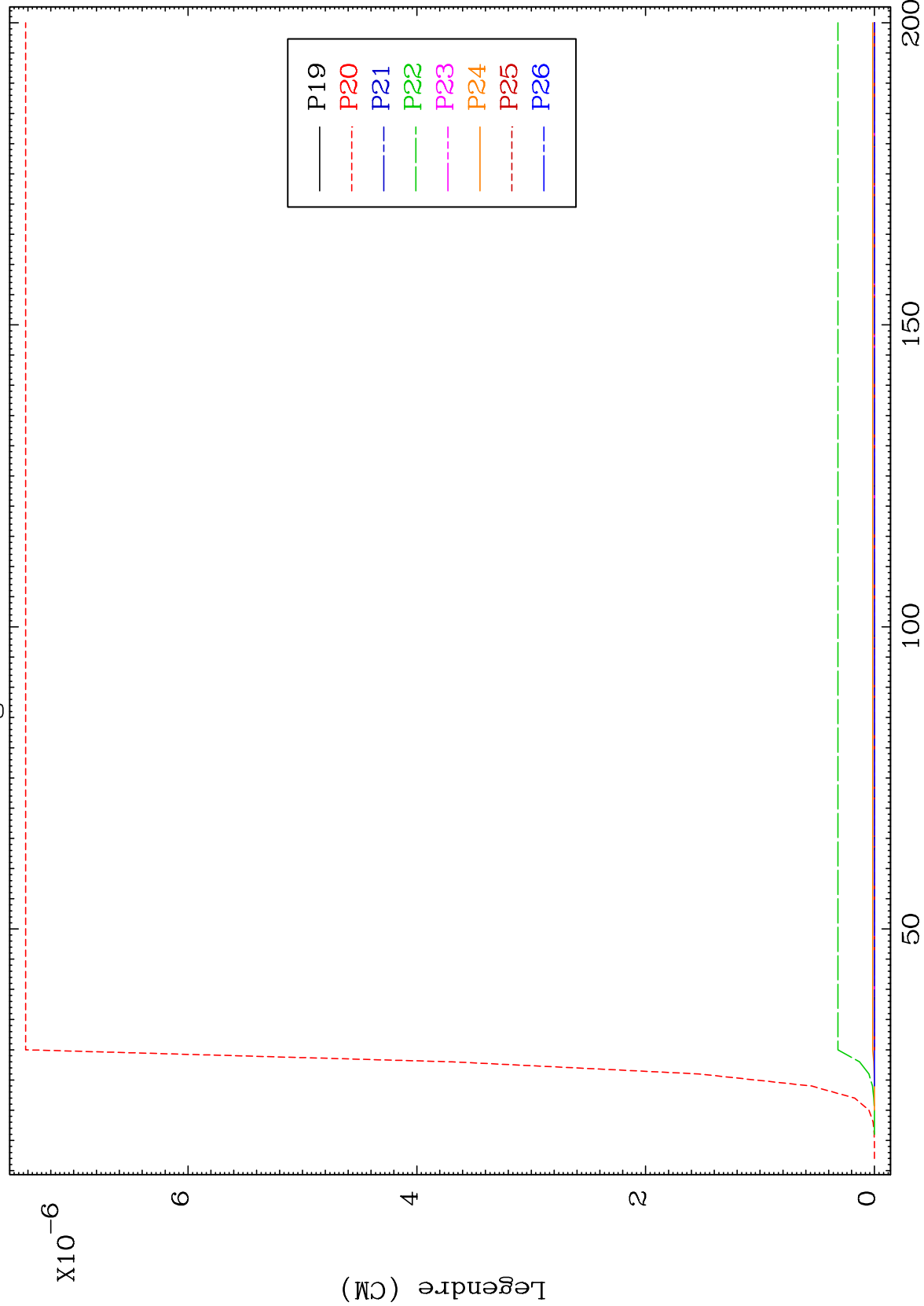
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

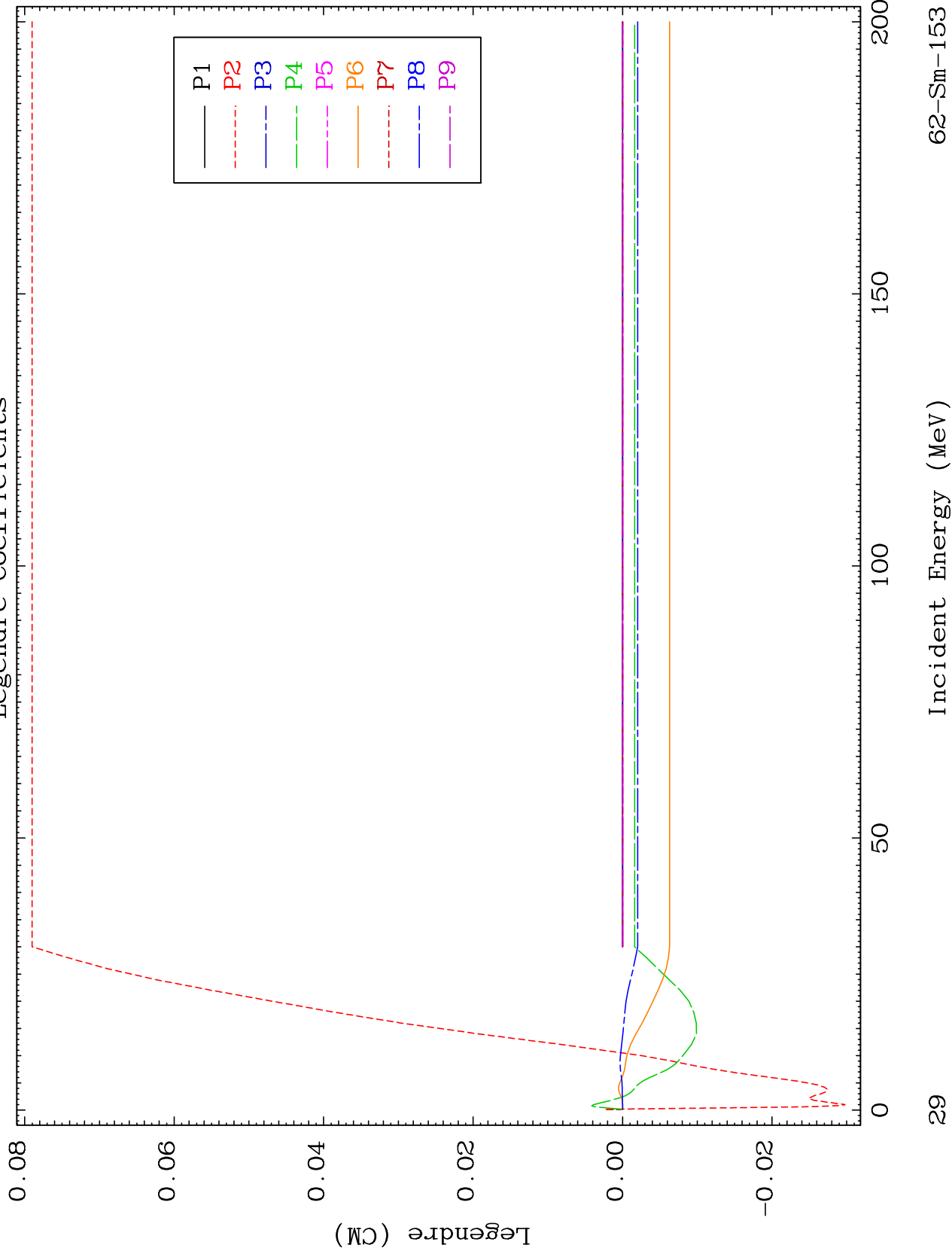
Incident Energy (MeV)

28

MAT 6252

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

62-Sm-153



62-Sm-153

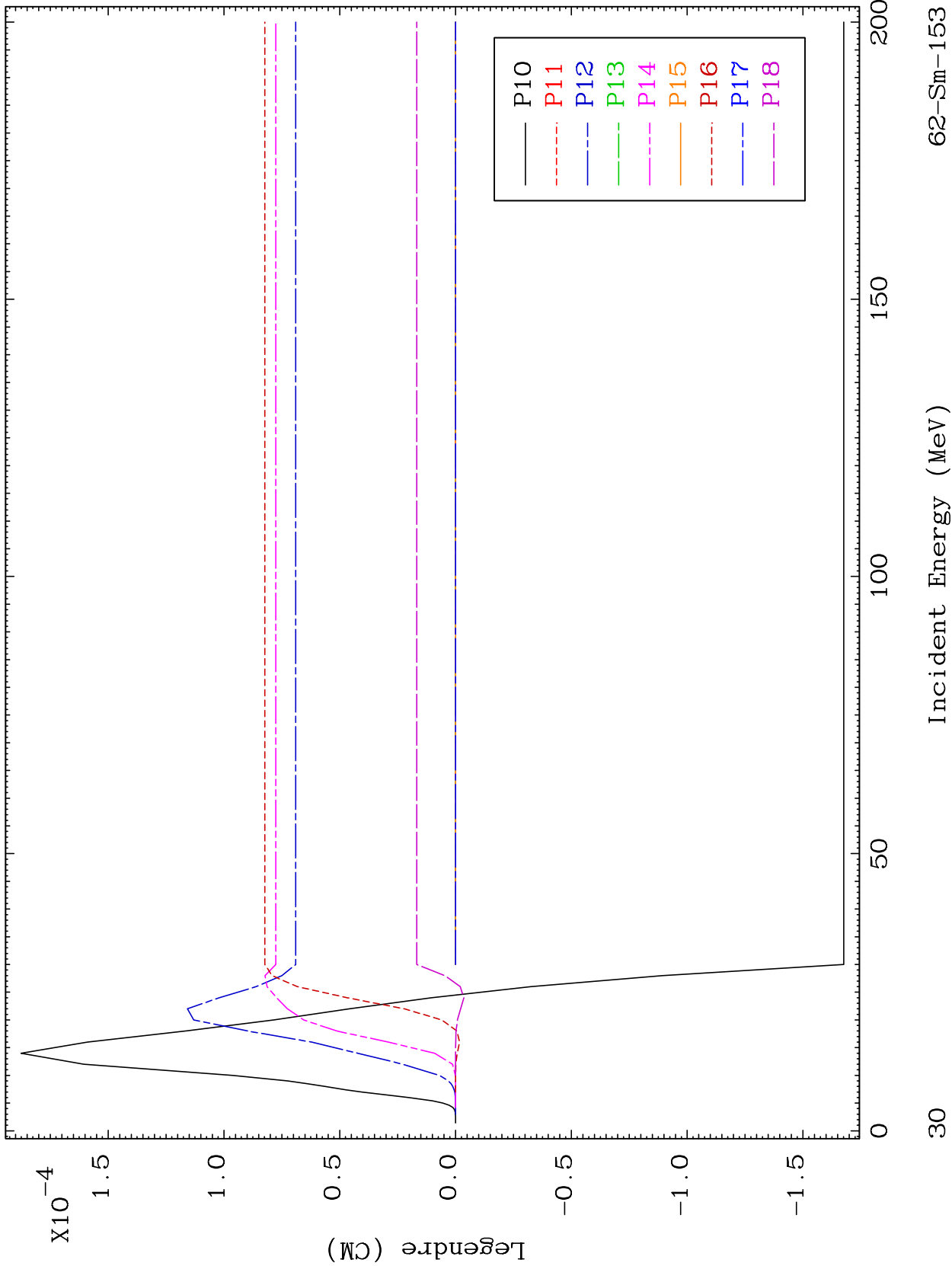
Incident Energy (MeV)

29

MAT 6252

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

62-Sm-153



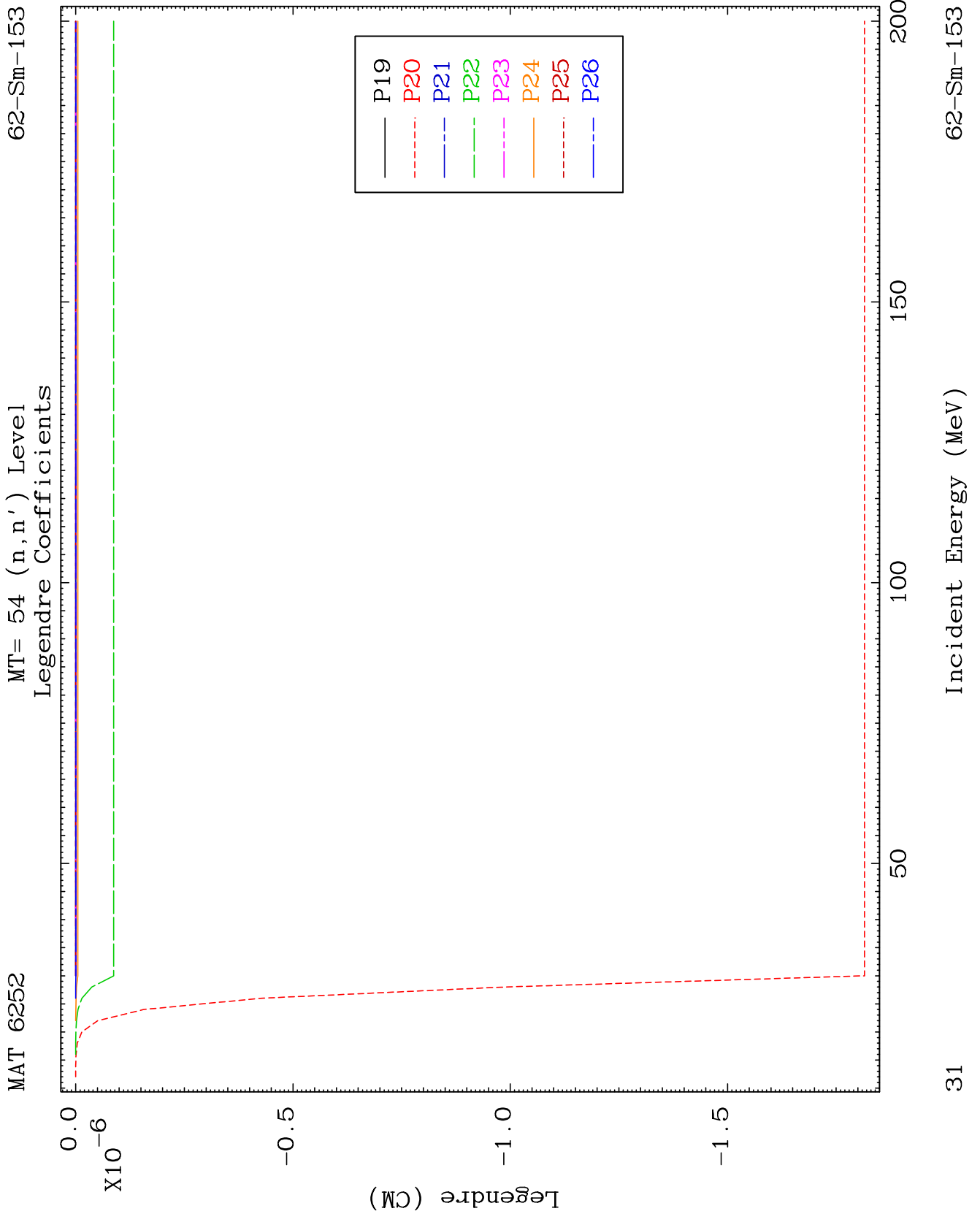
30

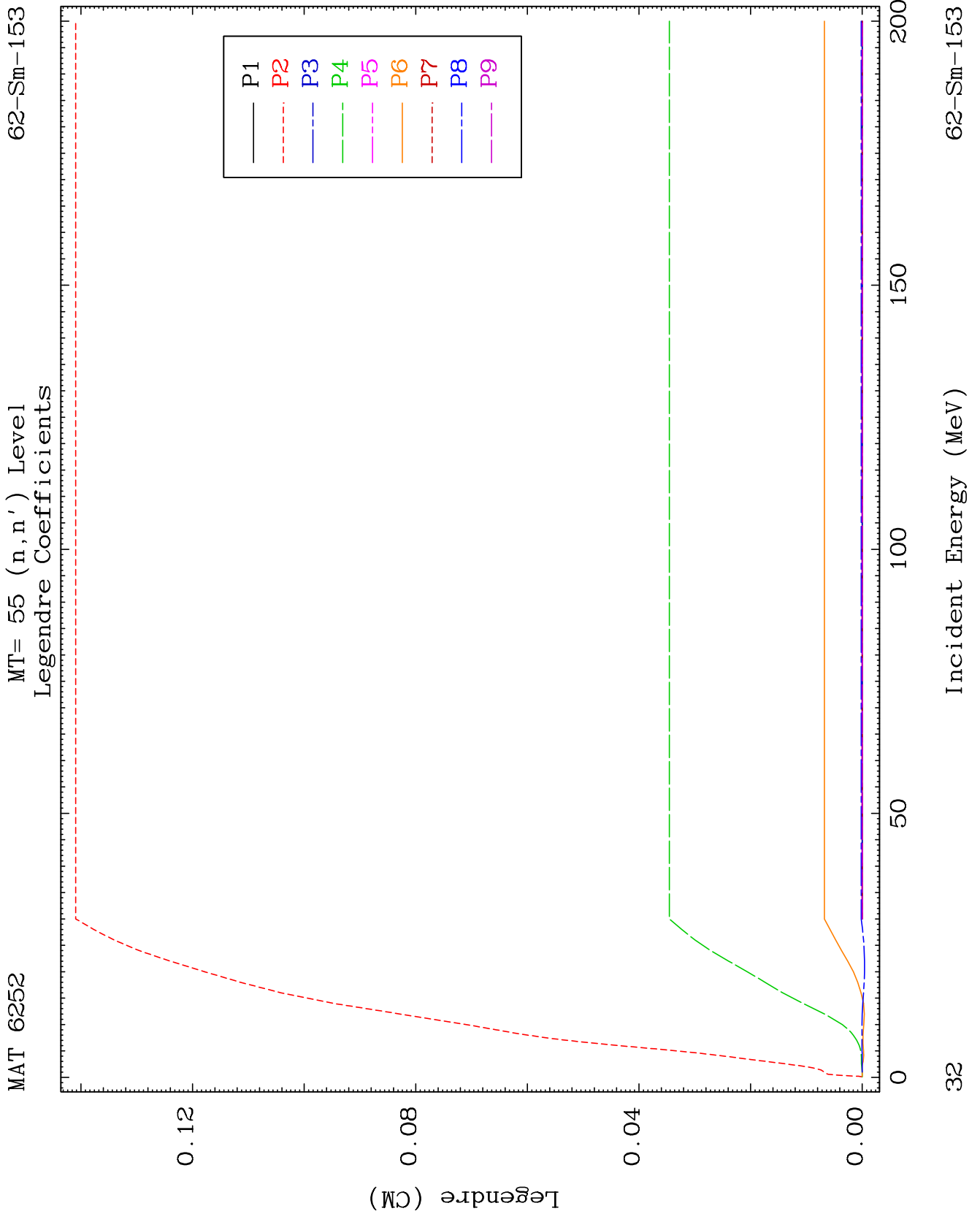
50

100

150

200

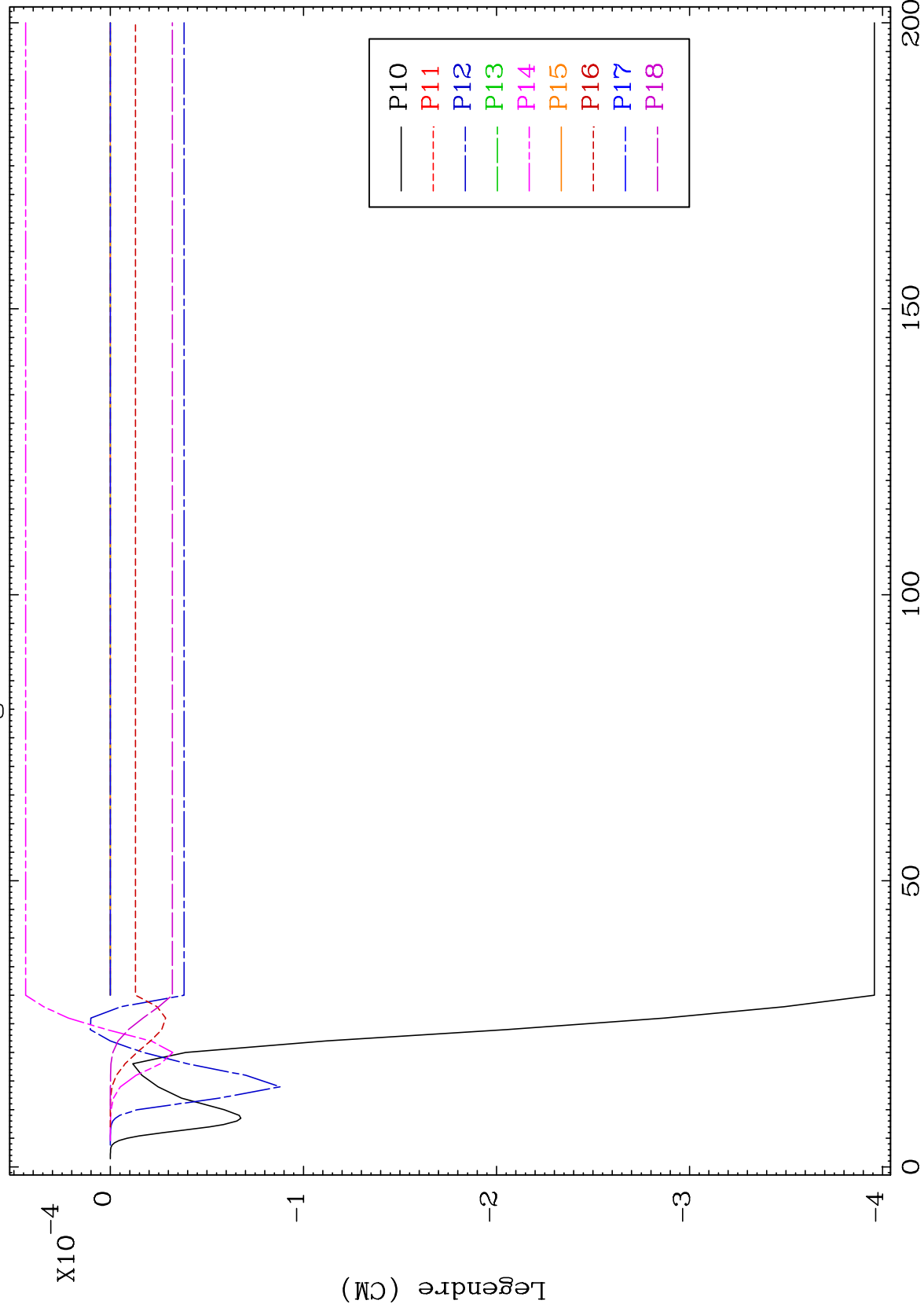




MAT 6252

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

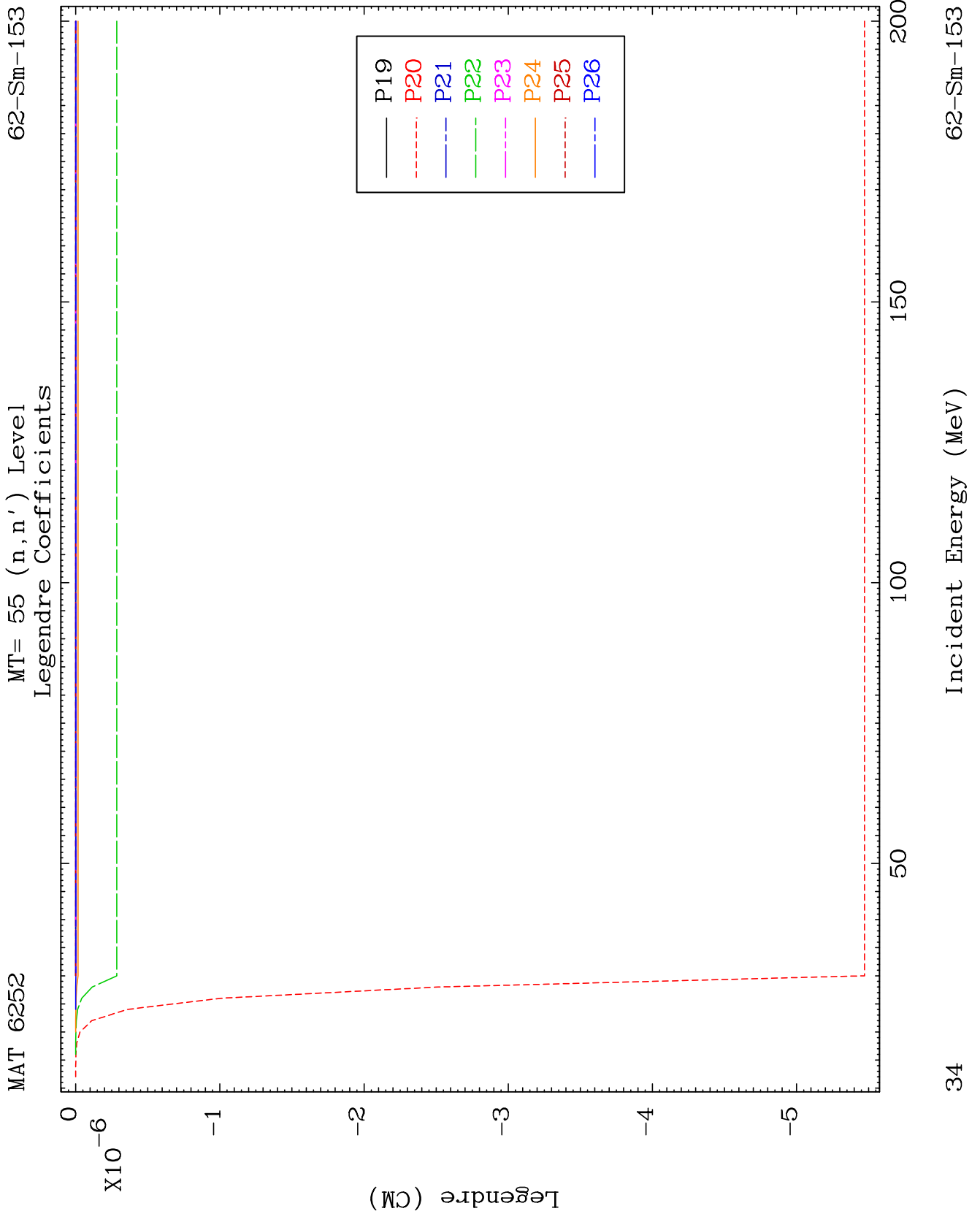
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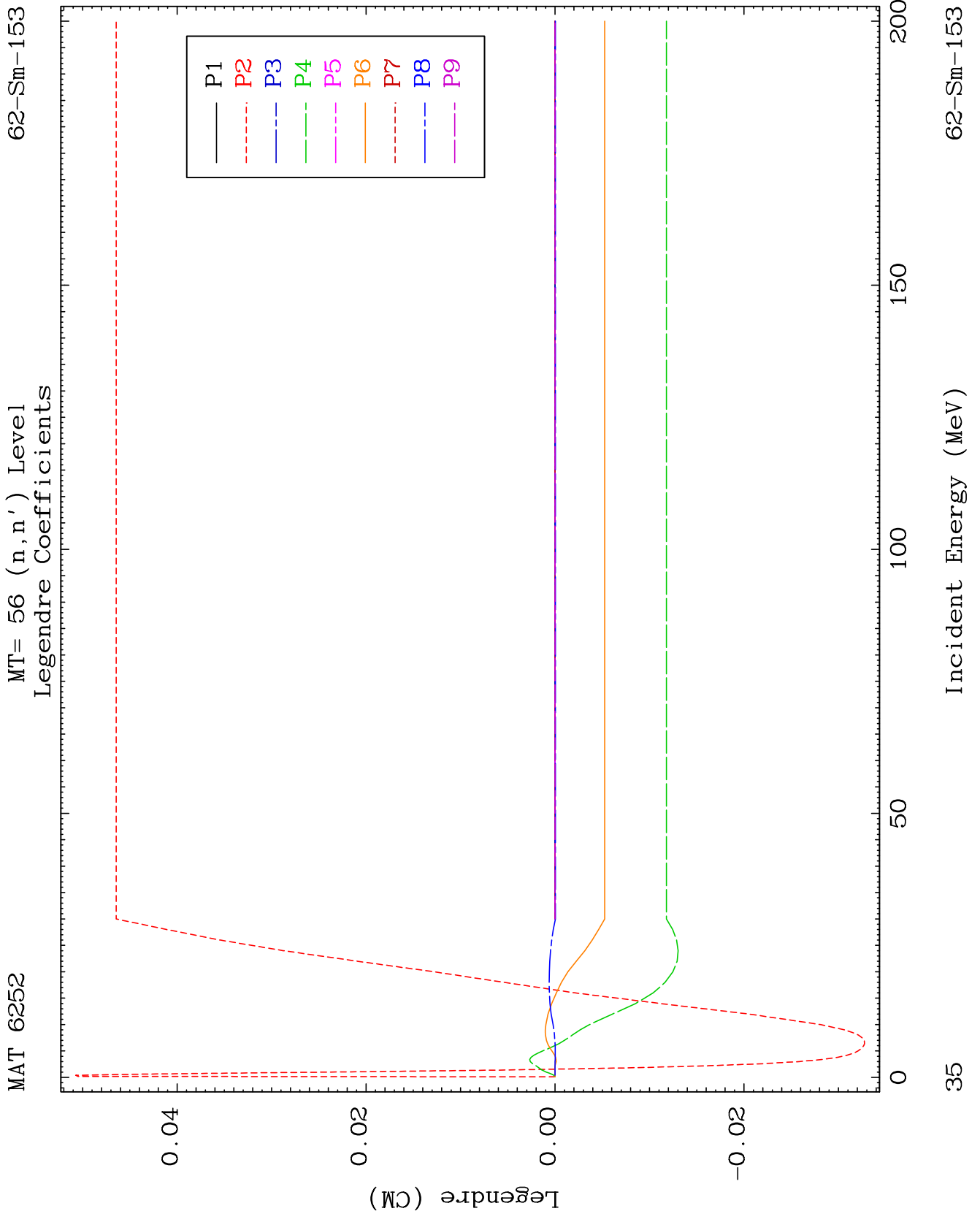


33

Incident Energy (MeV)

62-Sm-153

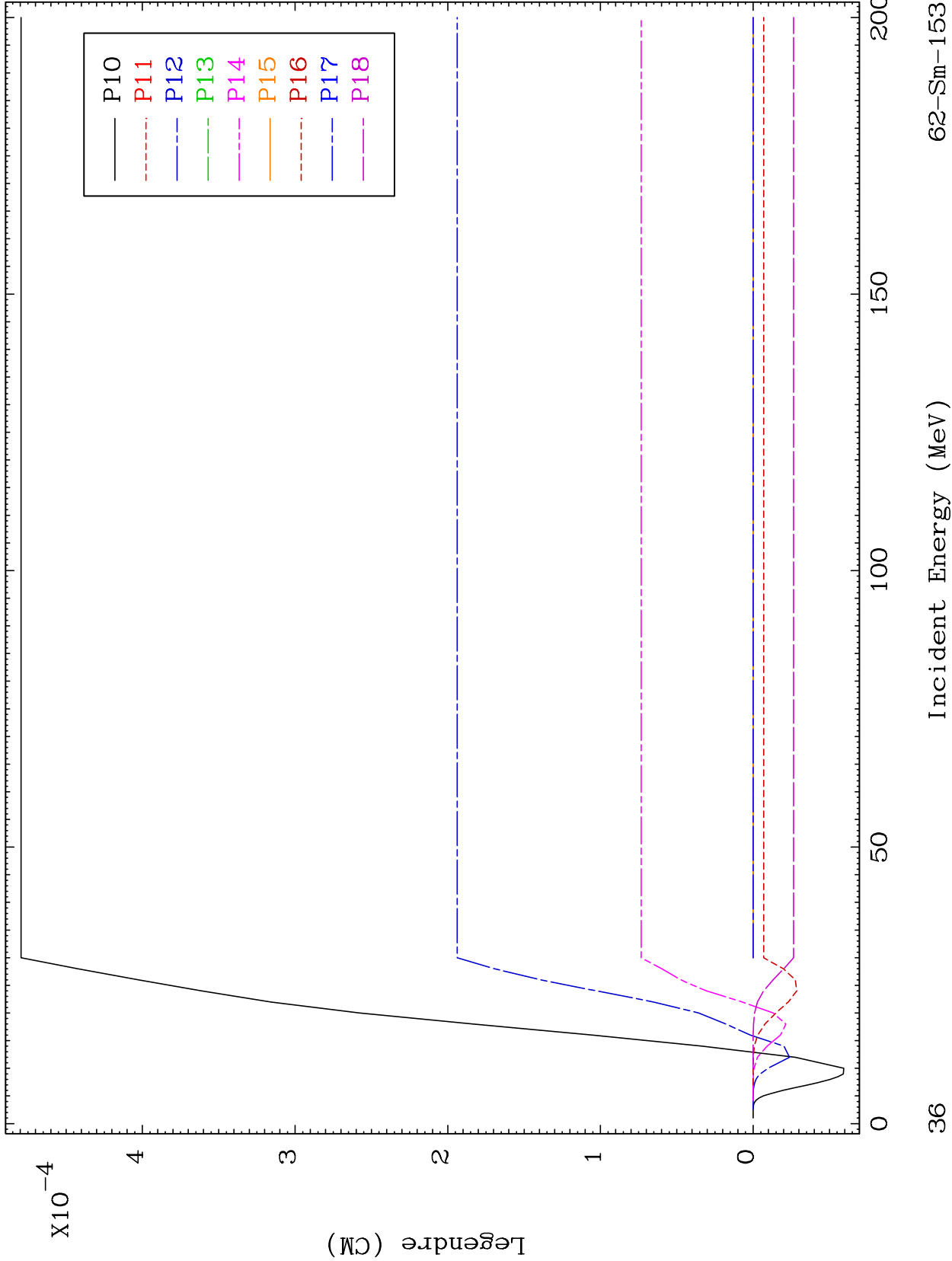




MAT 6252

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

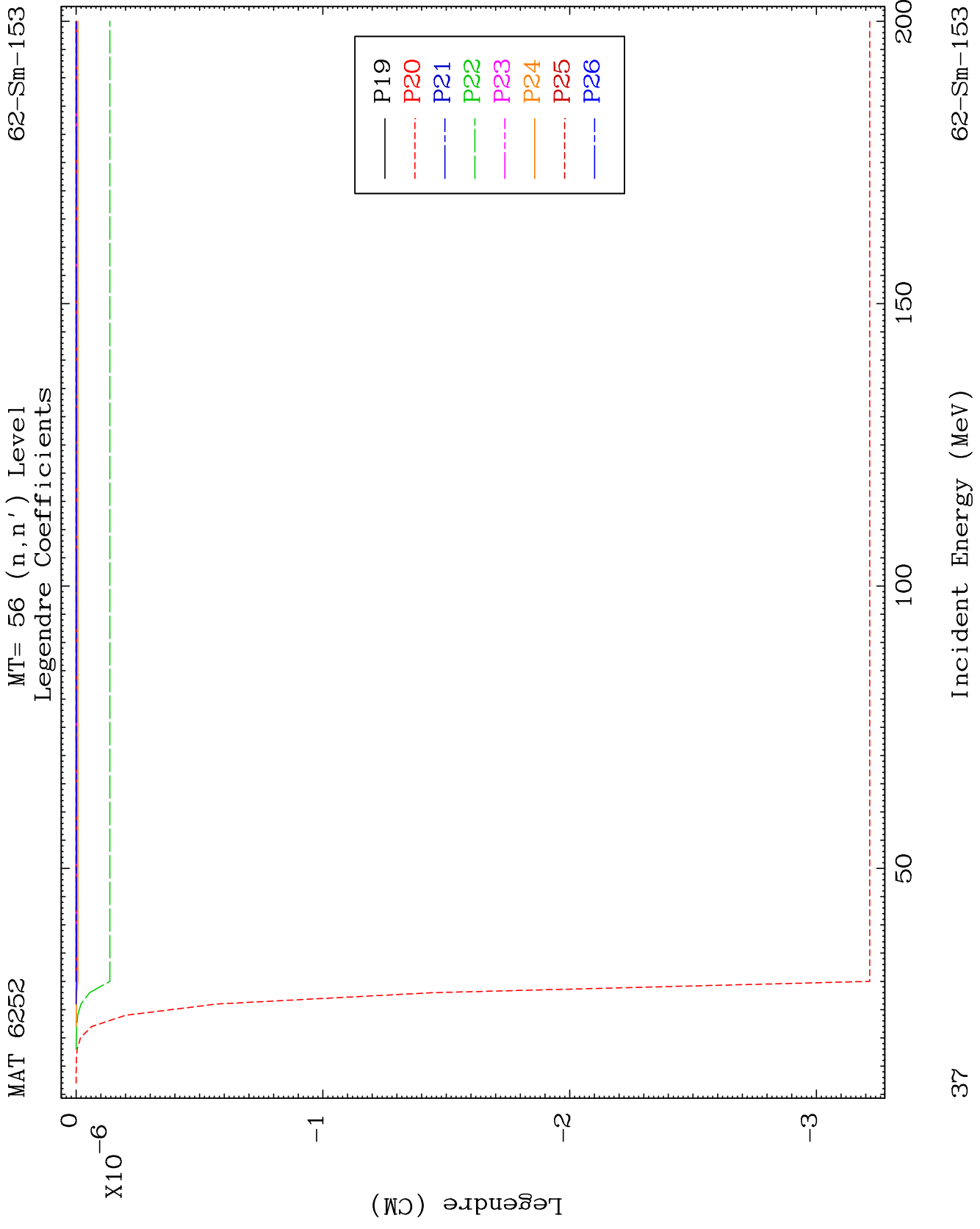
62-Sm-153

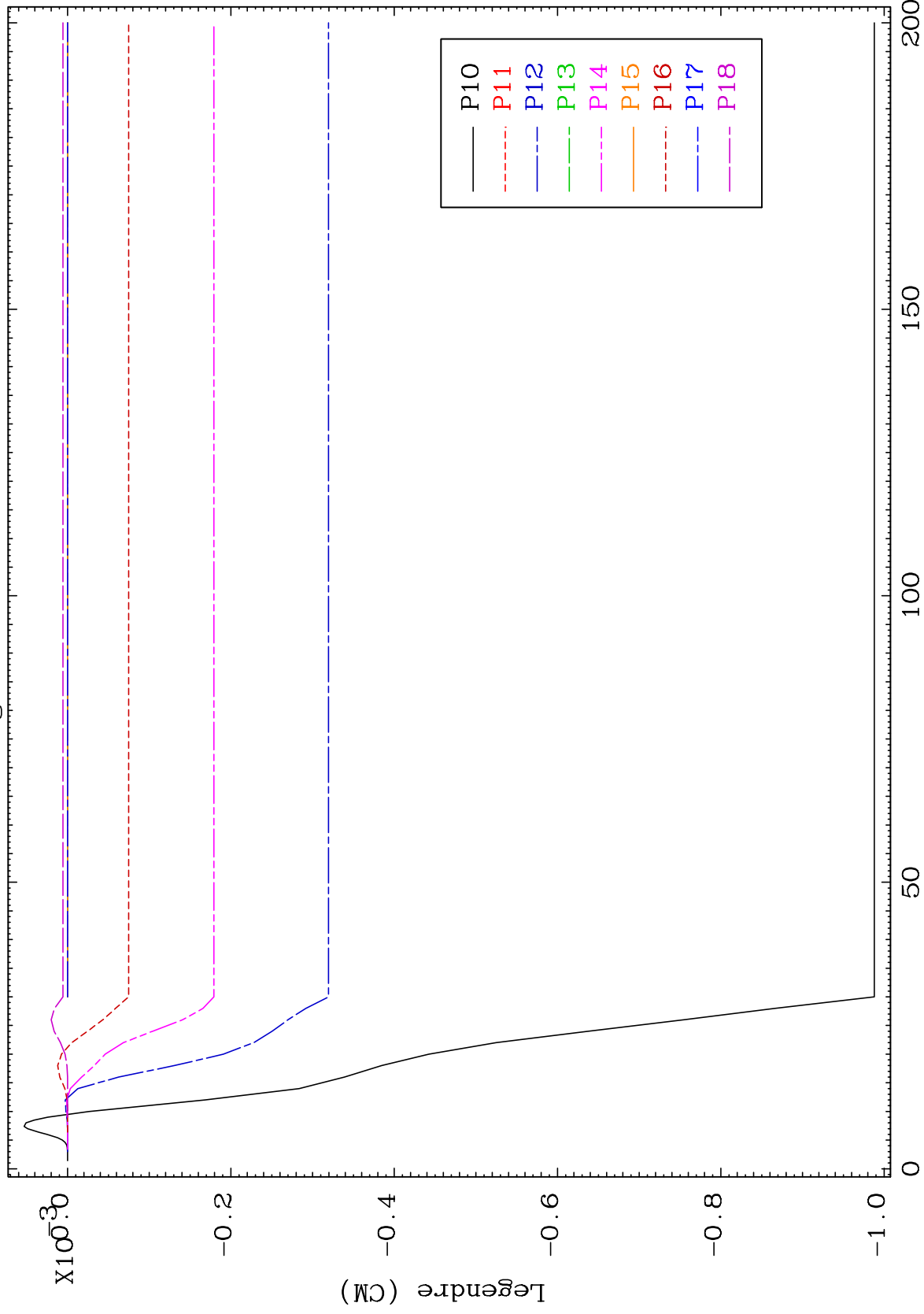


36

Incident Energy (MeV)

62-Sm-153

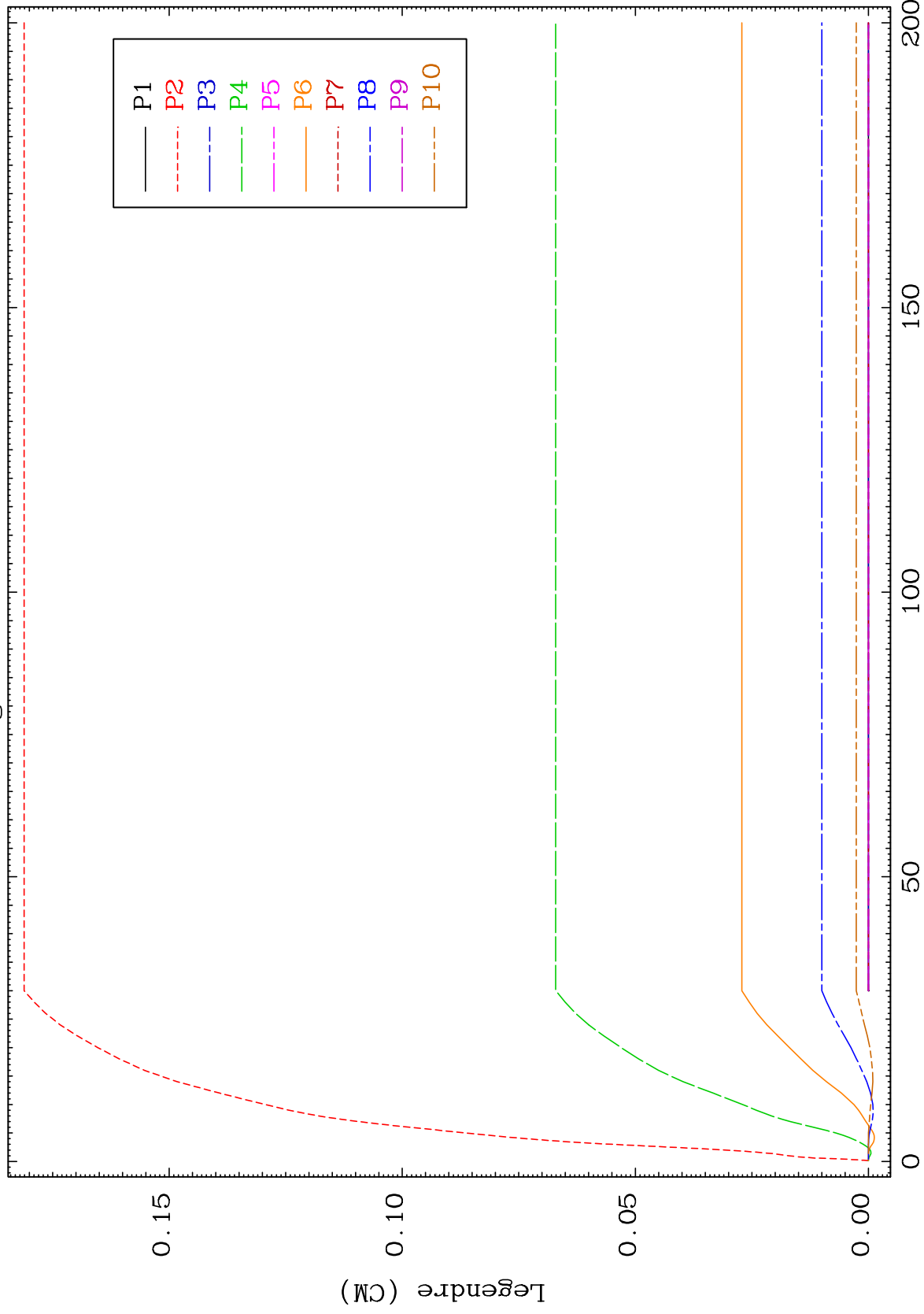




MAT 6252

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

62-Sm-153



62-Sm-153

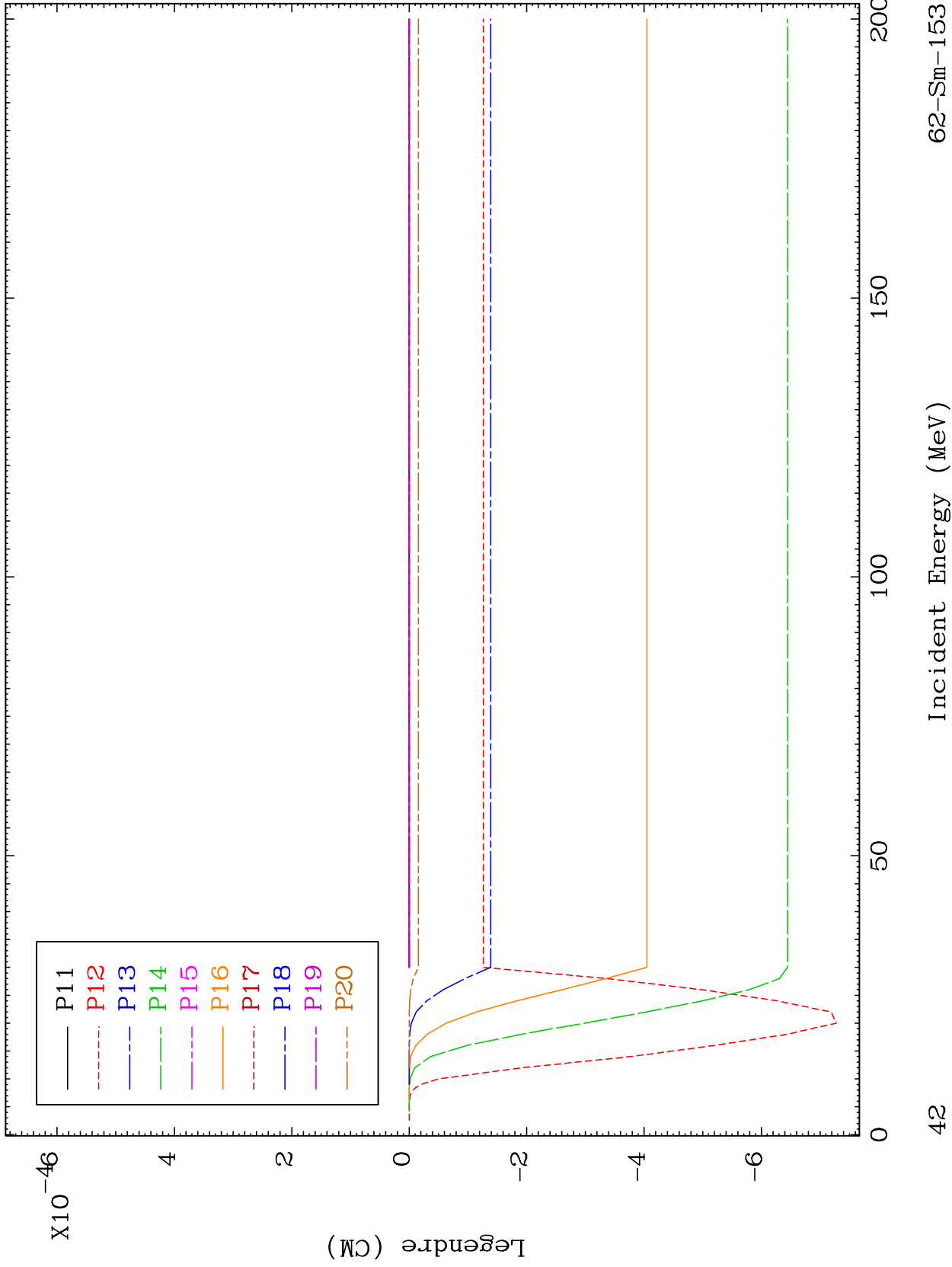
Incident Energy (MeV)

41

MAT 6252

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

62-Sm-153



62-Sm-153

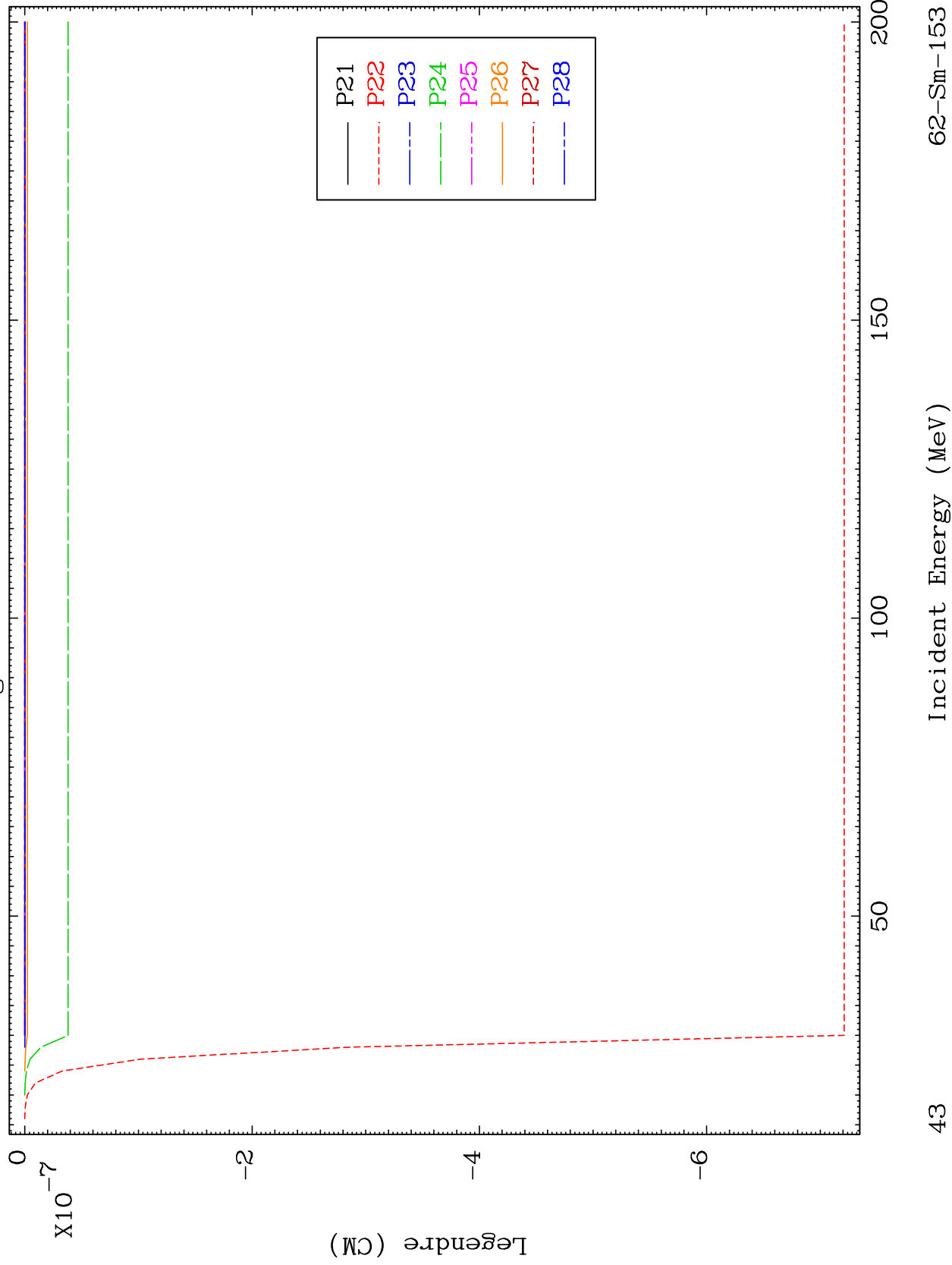
Incident Energy (MeV)

42

MAT 6252

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

62-Sm-153



43

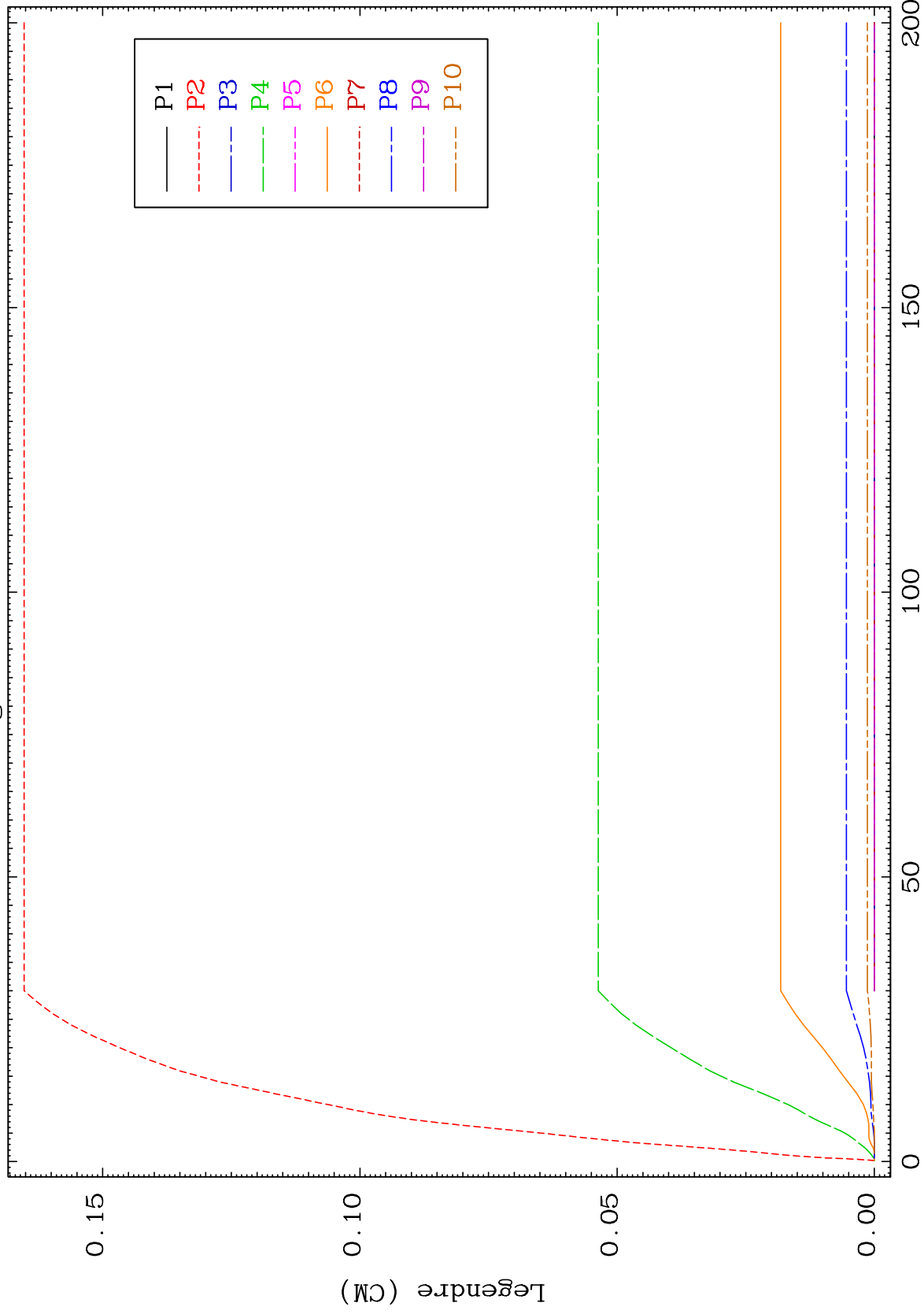
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



44

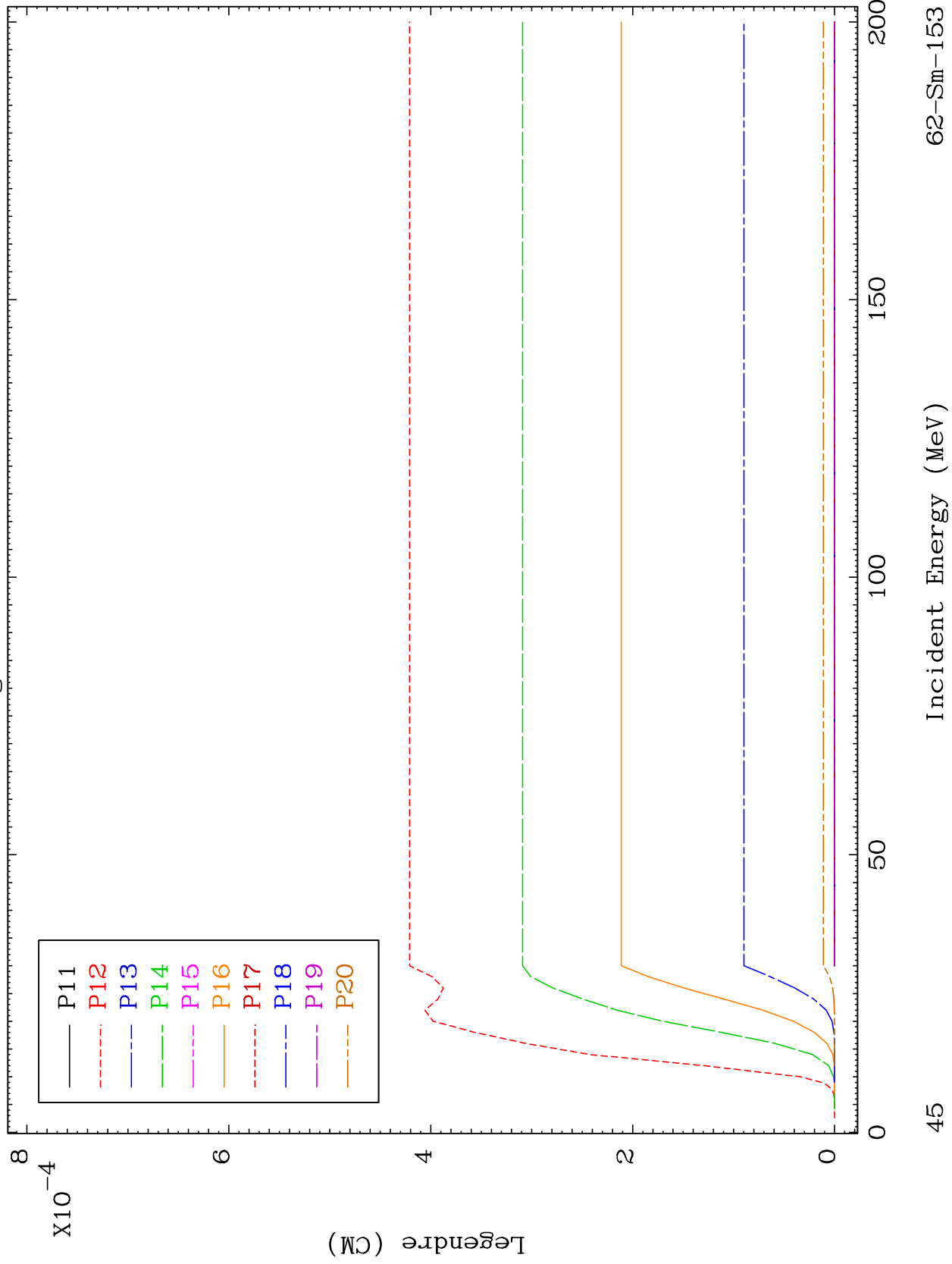
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

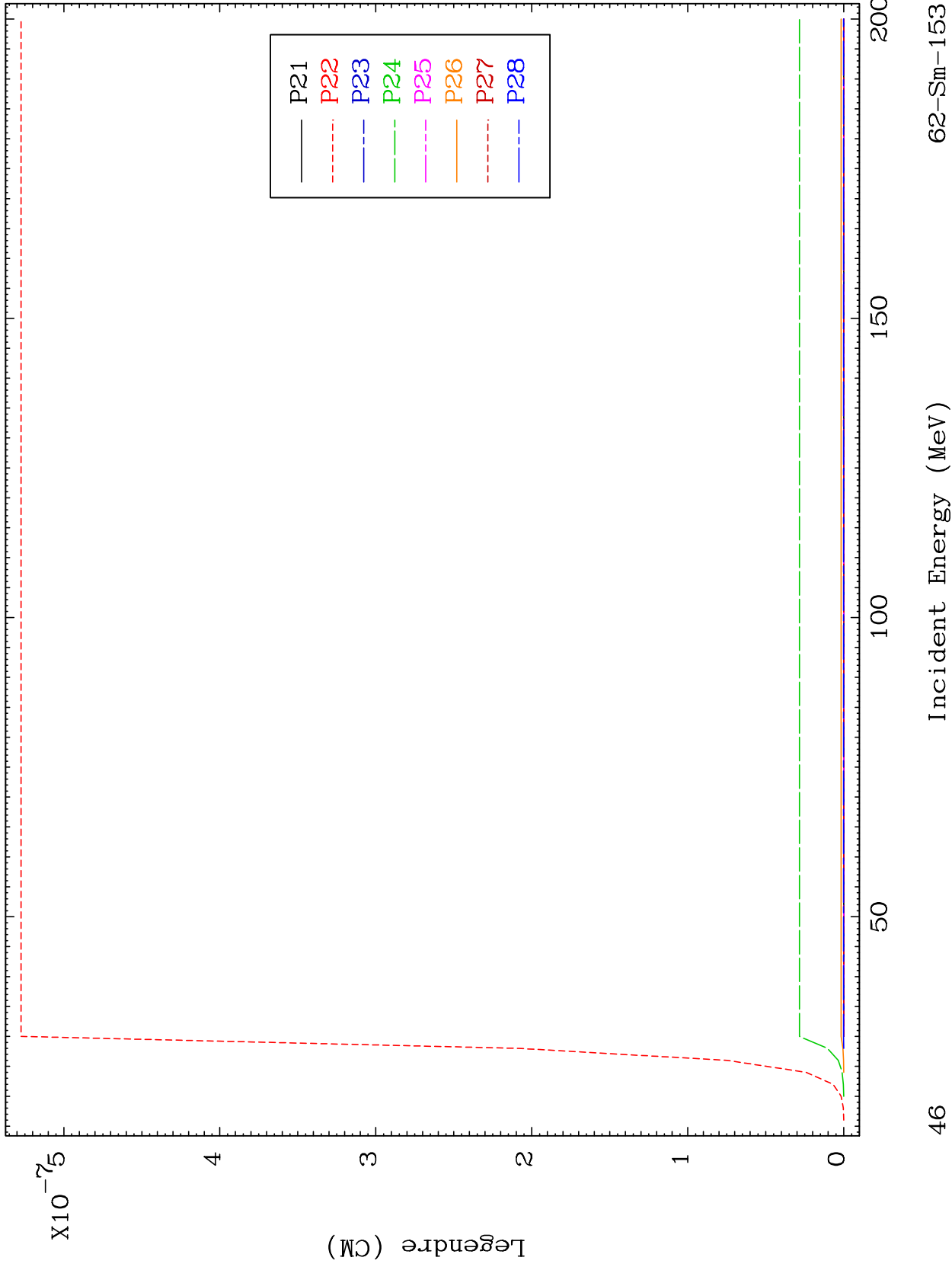
62-Sm-153



MAT 6252

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

62-Sm-153



46

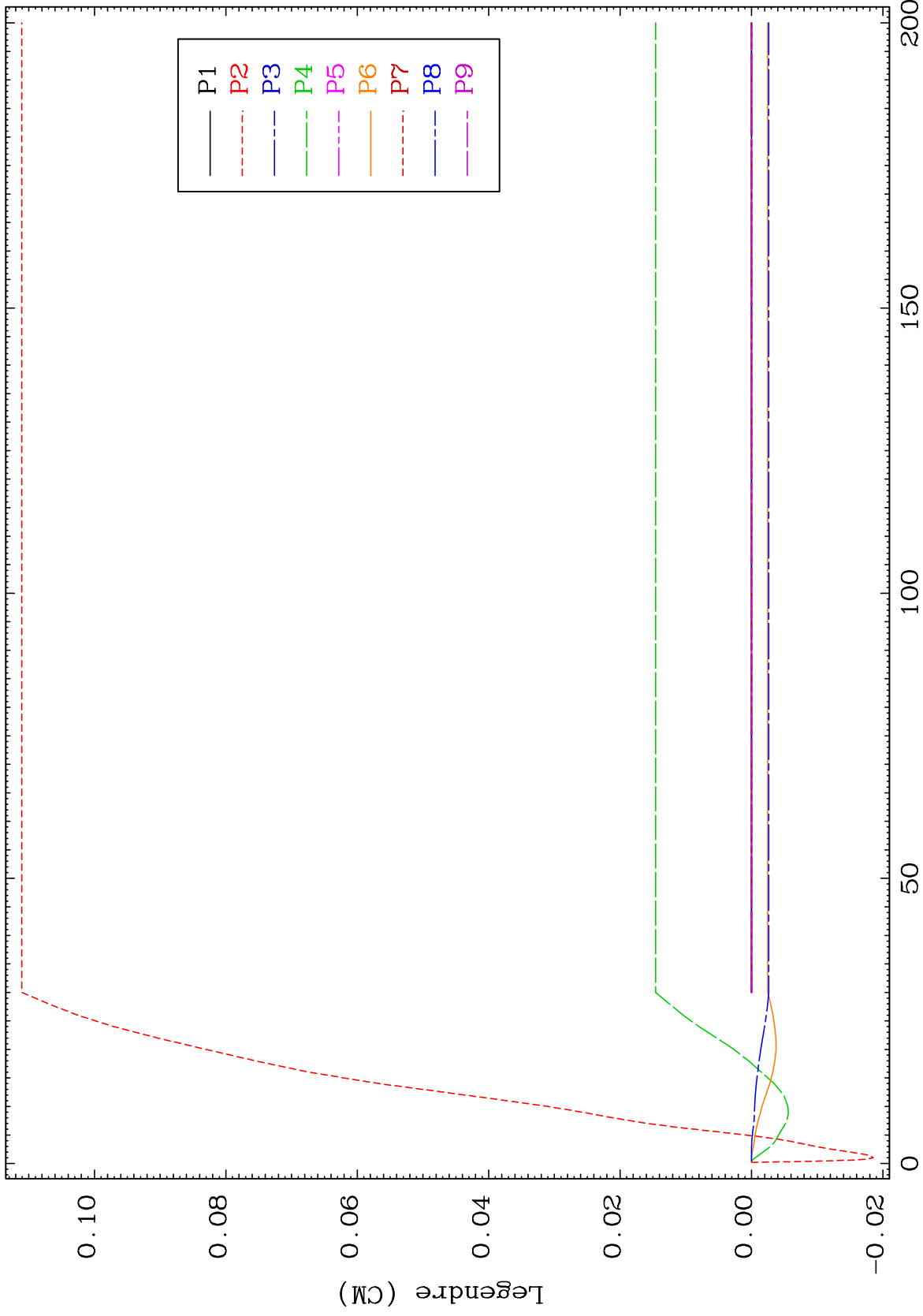
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

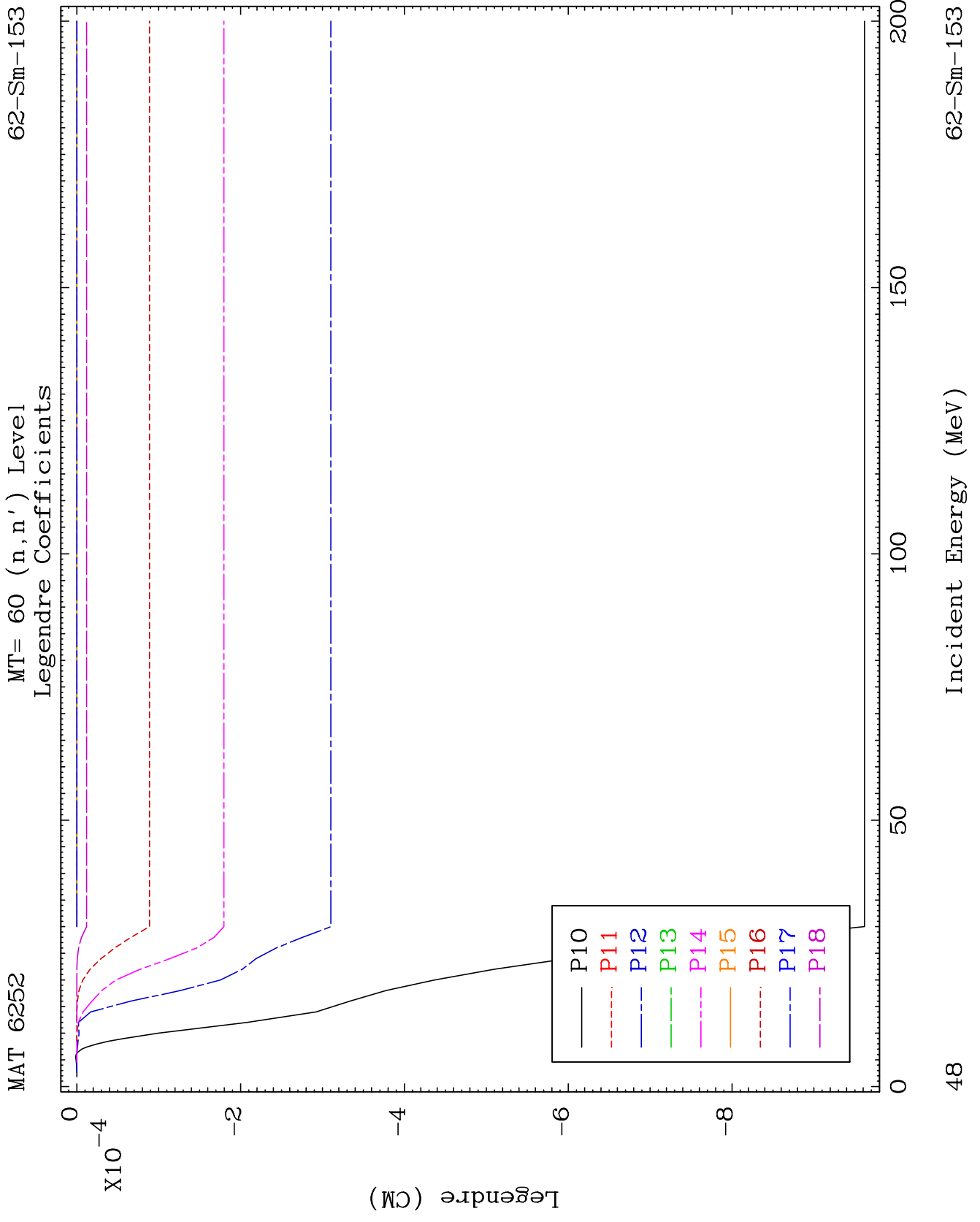
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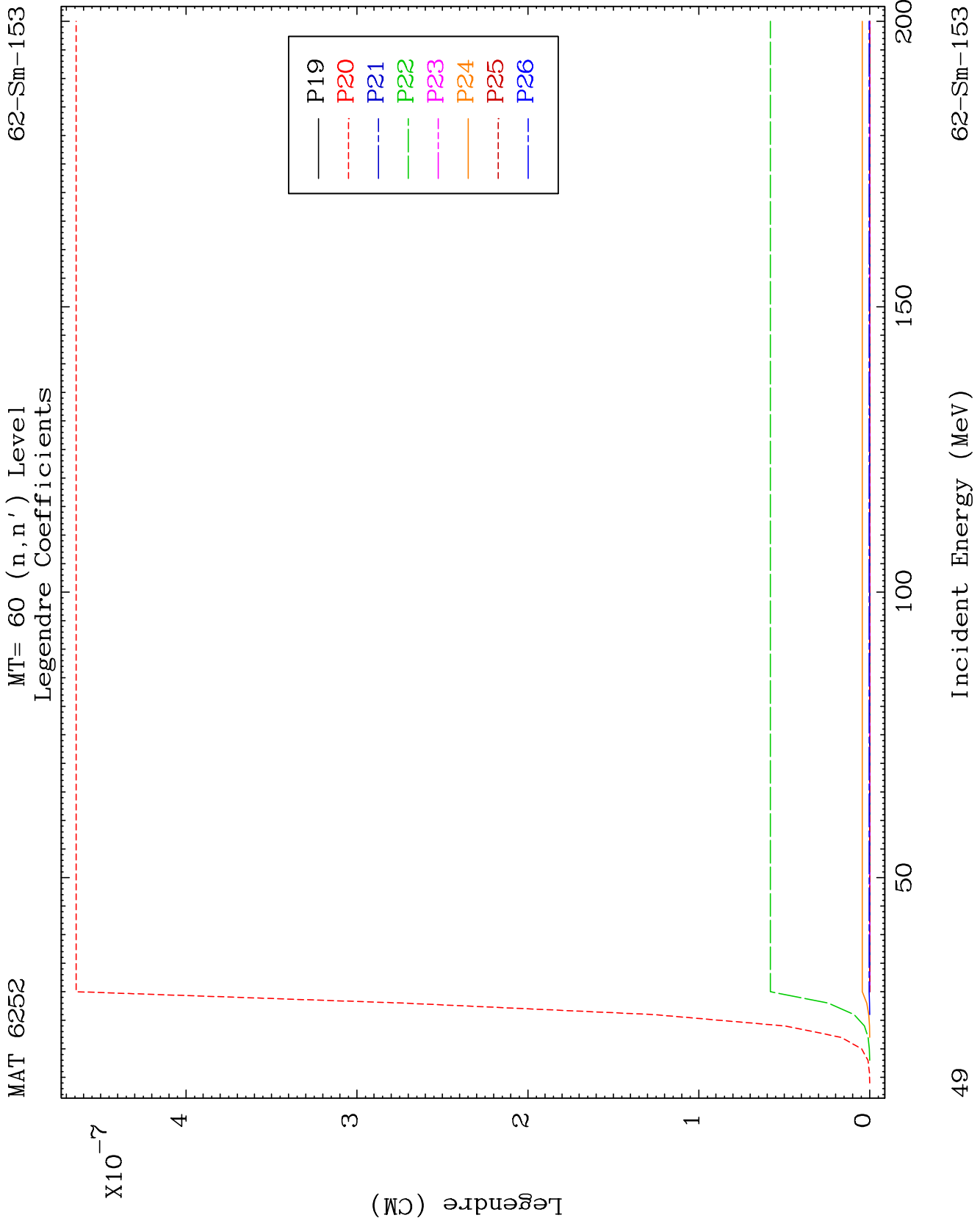


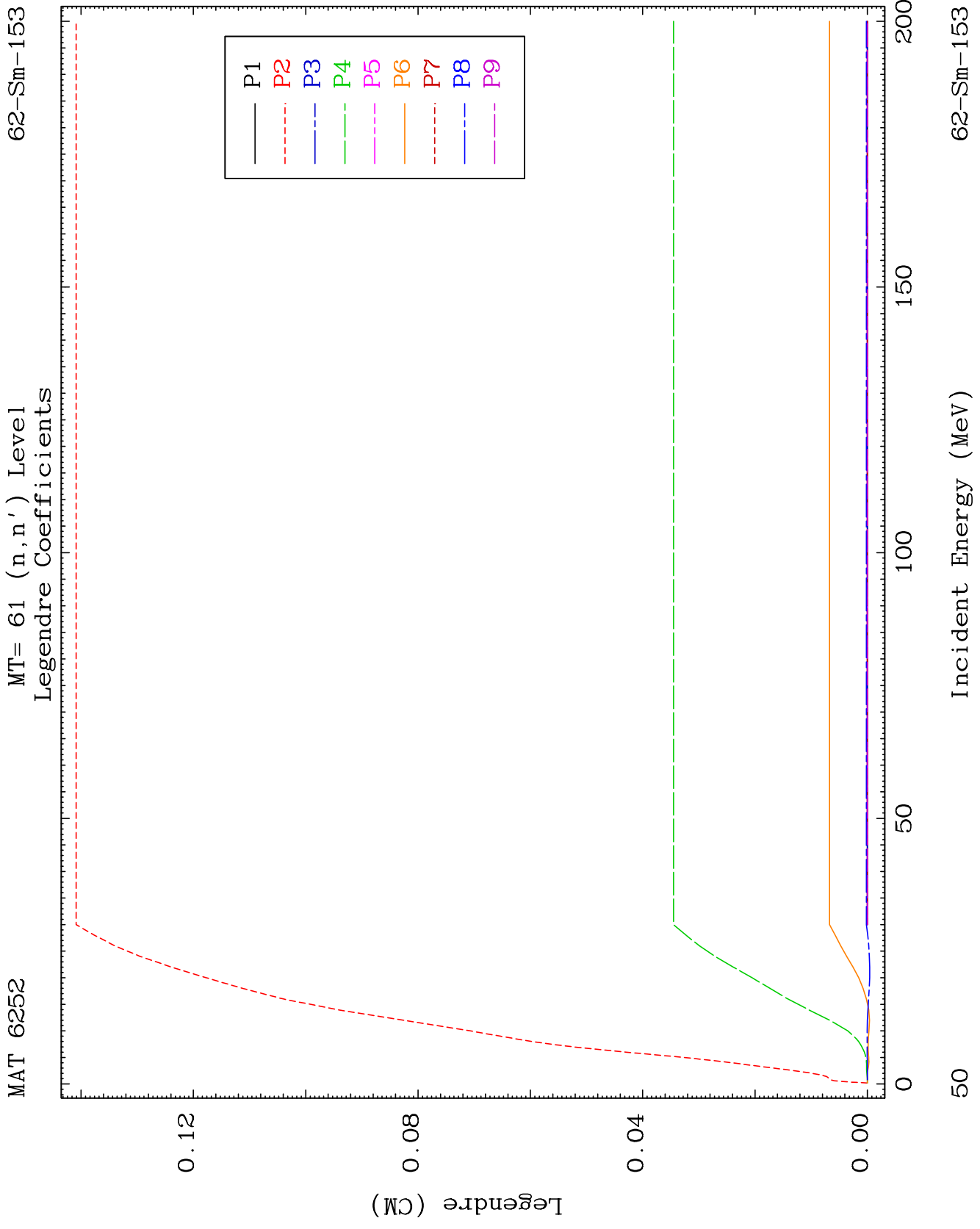
47

Incident Energy (MeV)

62-Sm-153



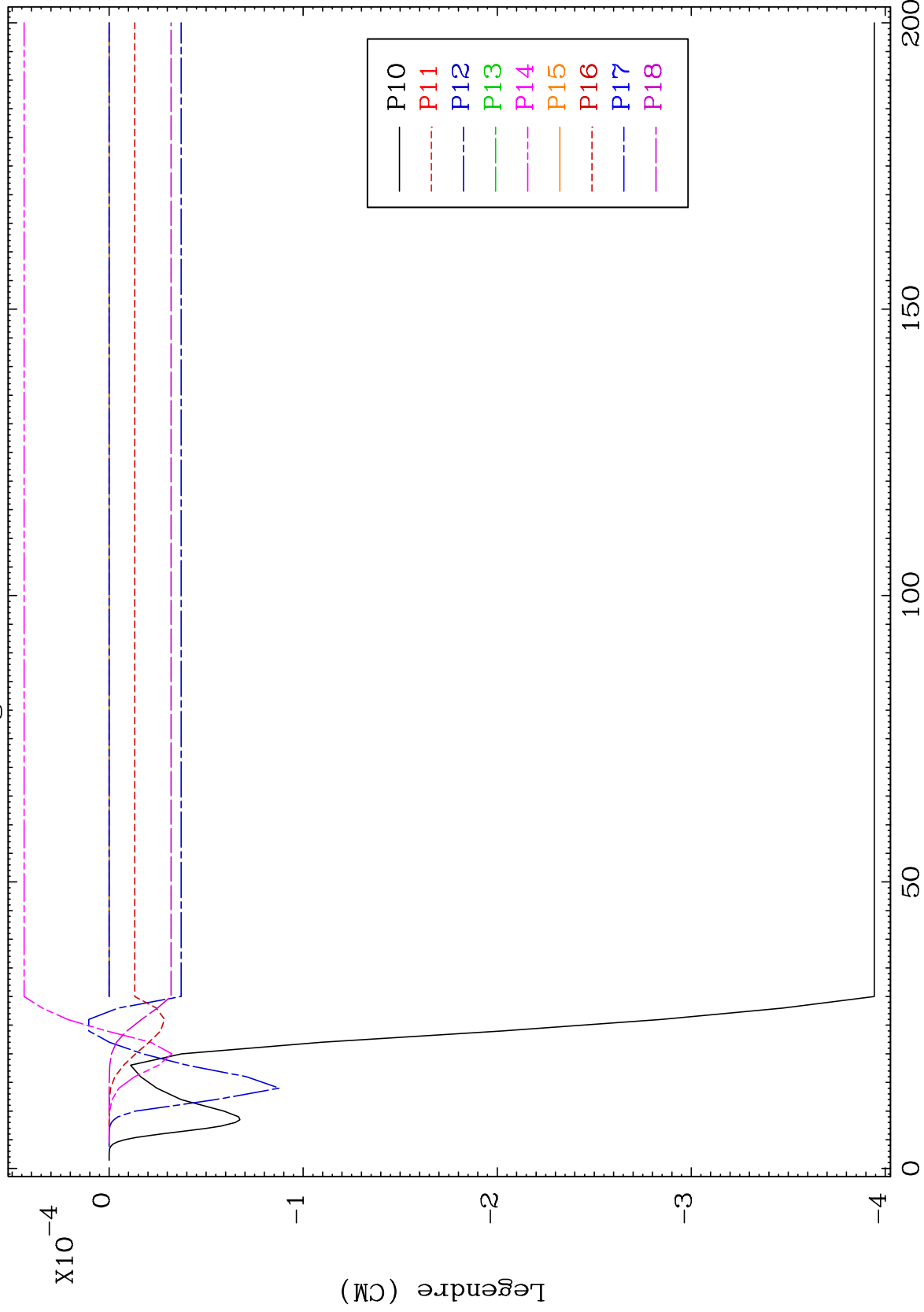




MAT 6252

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

62-Sm-153



51

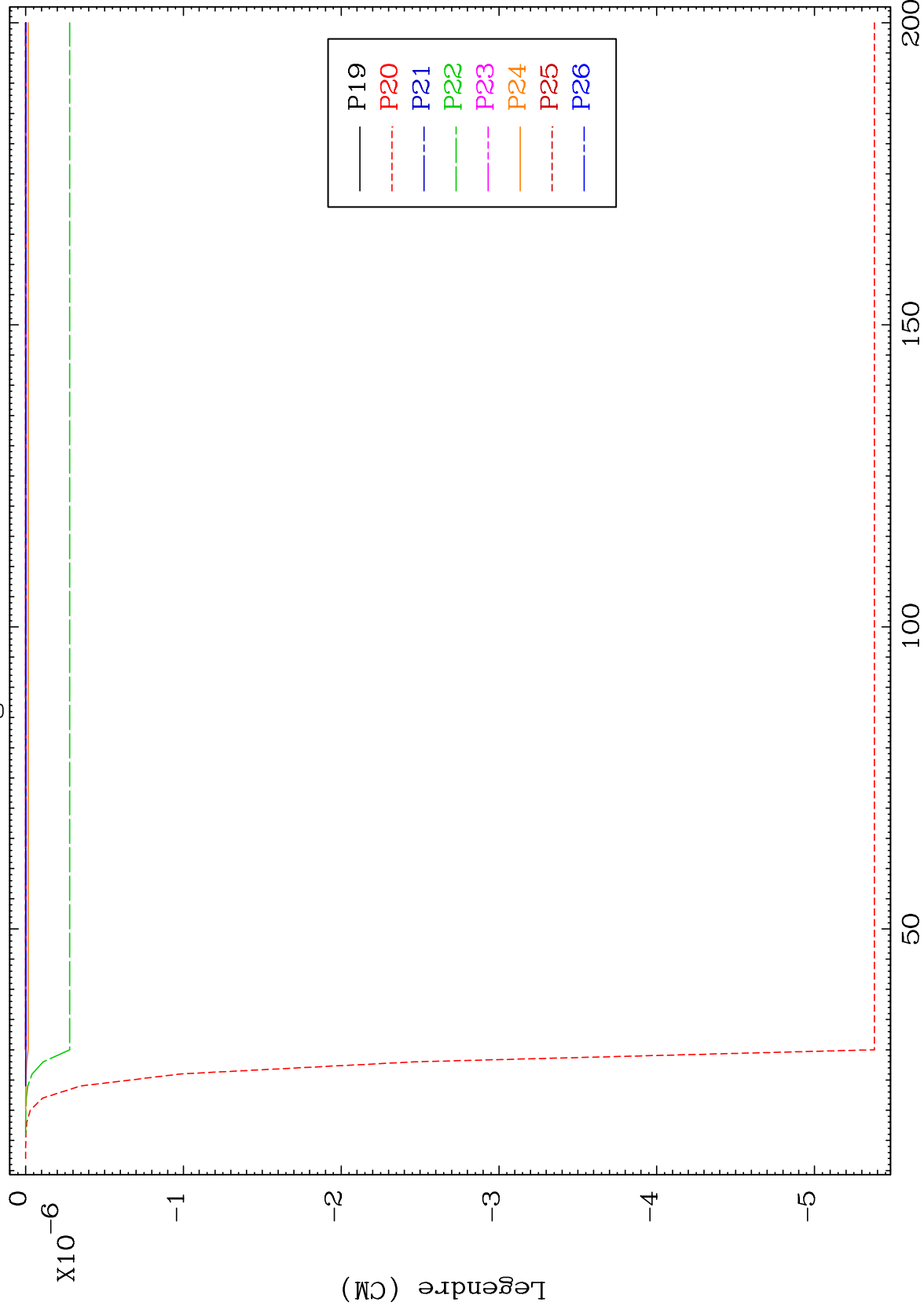
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

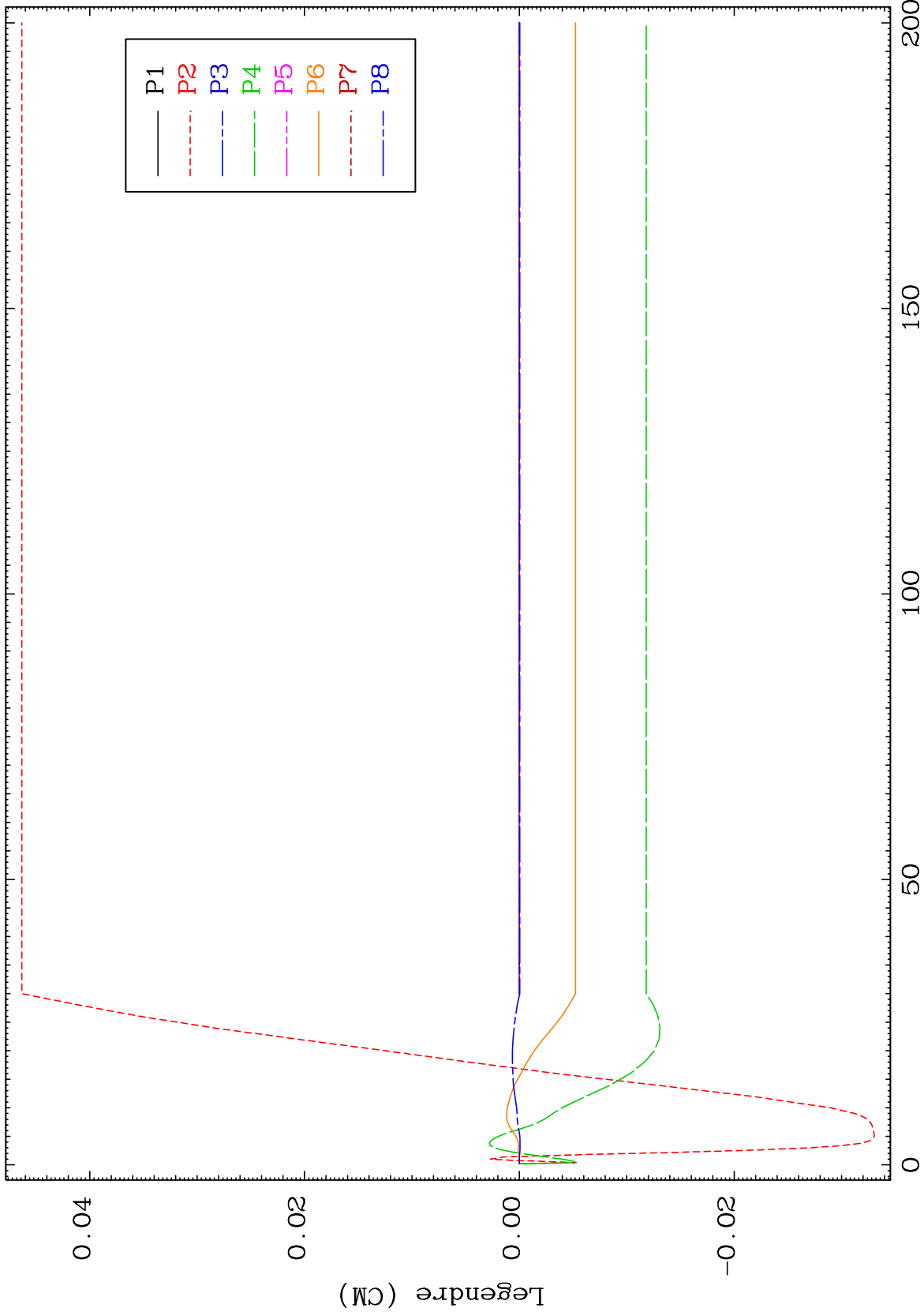
Incident Energy (MeV)

52

MAT 6252

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

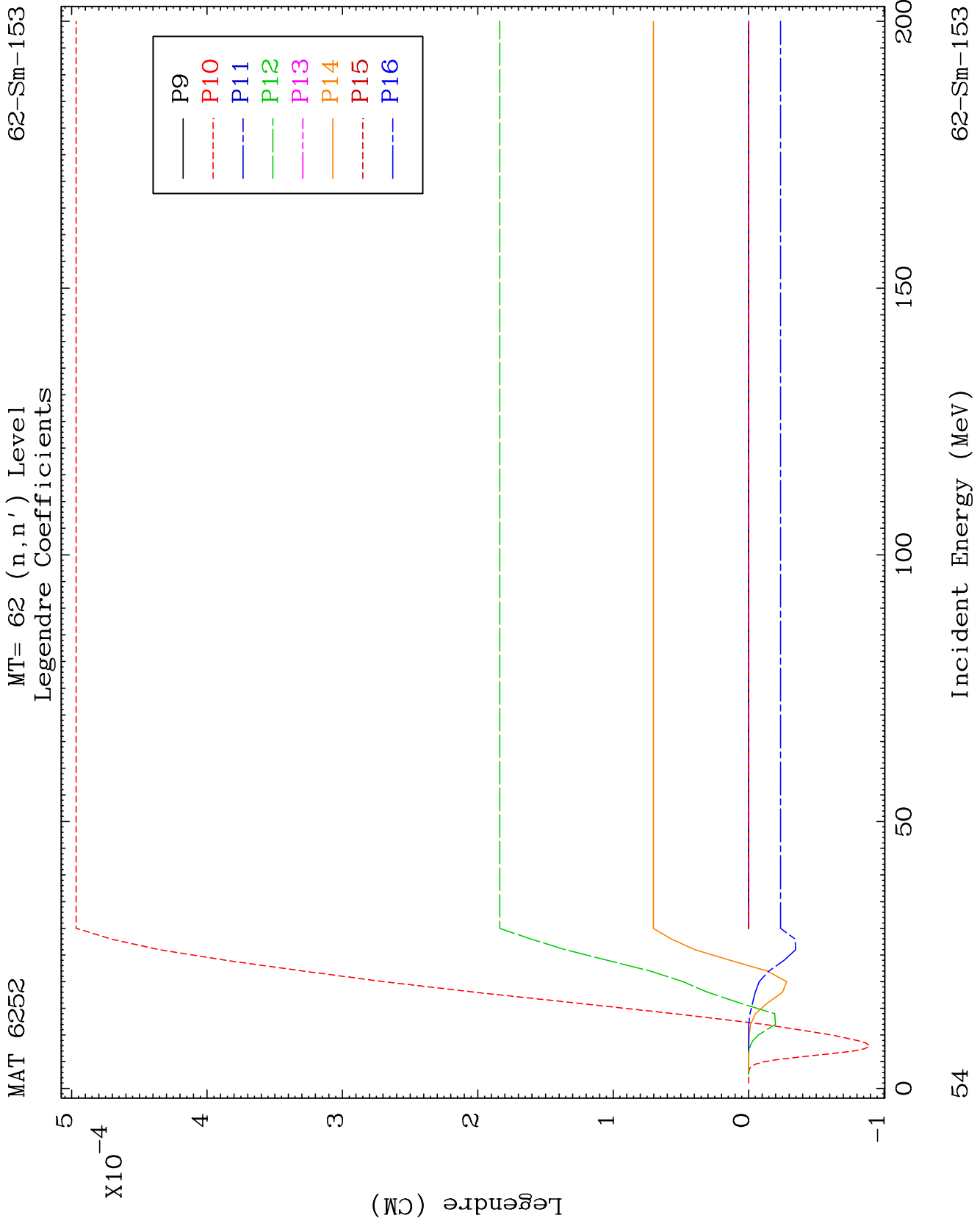
62-Sm-153

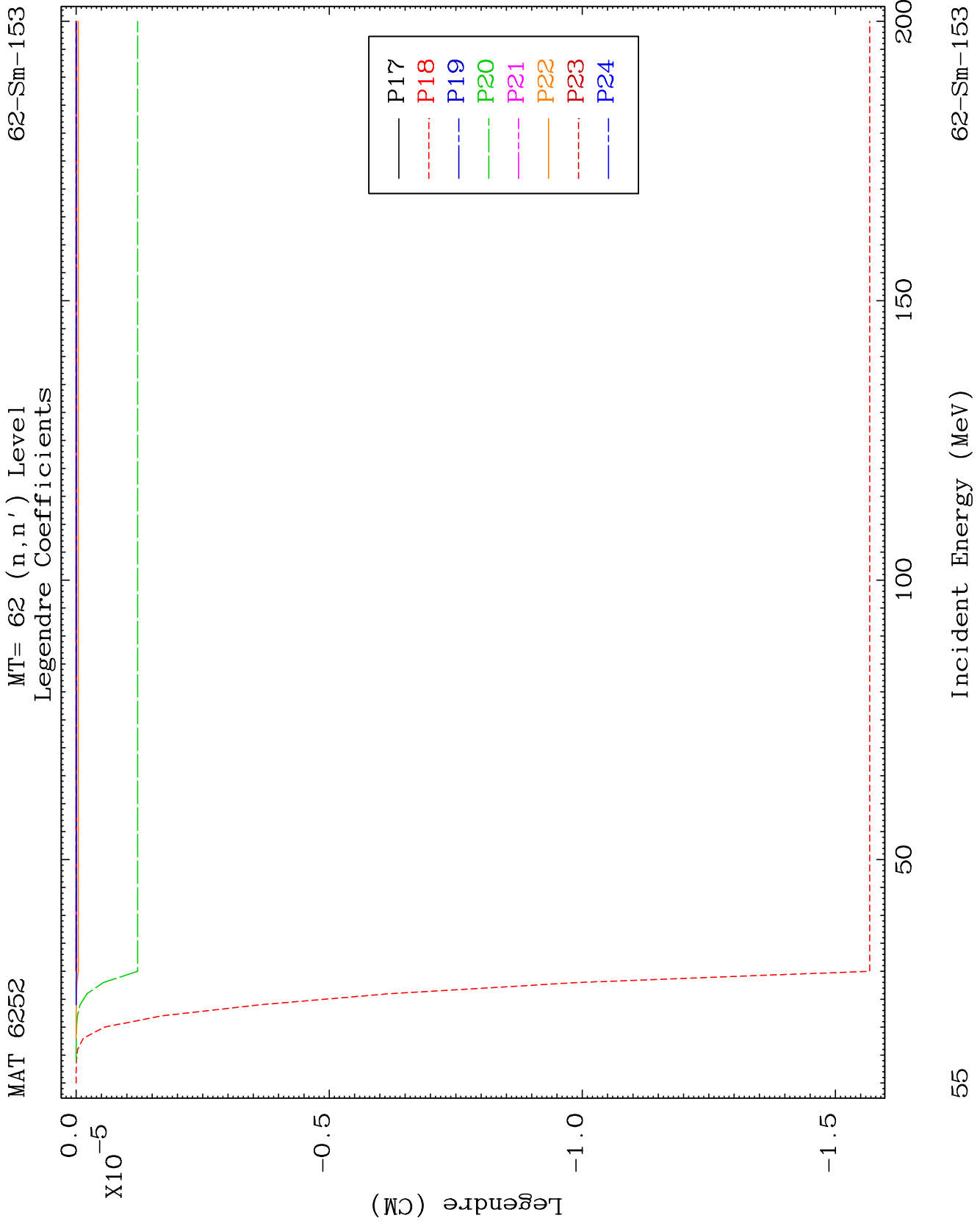


62-Sm-153

Incident Energy (MeV)

53

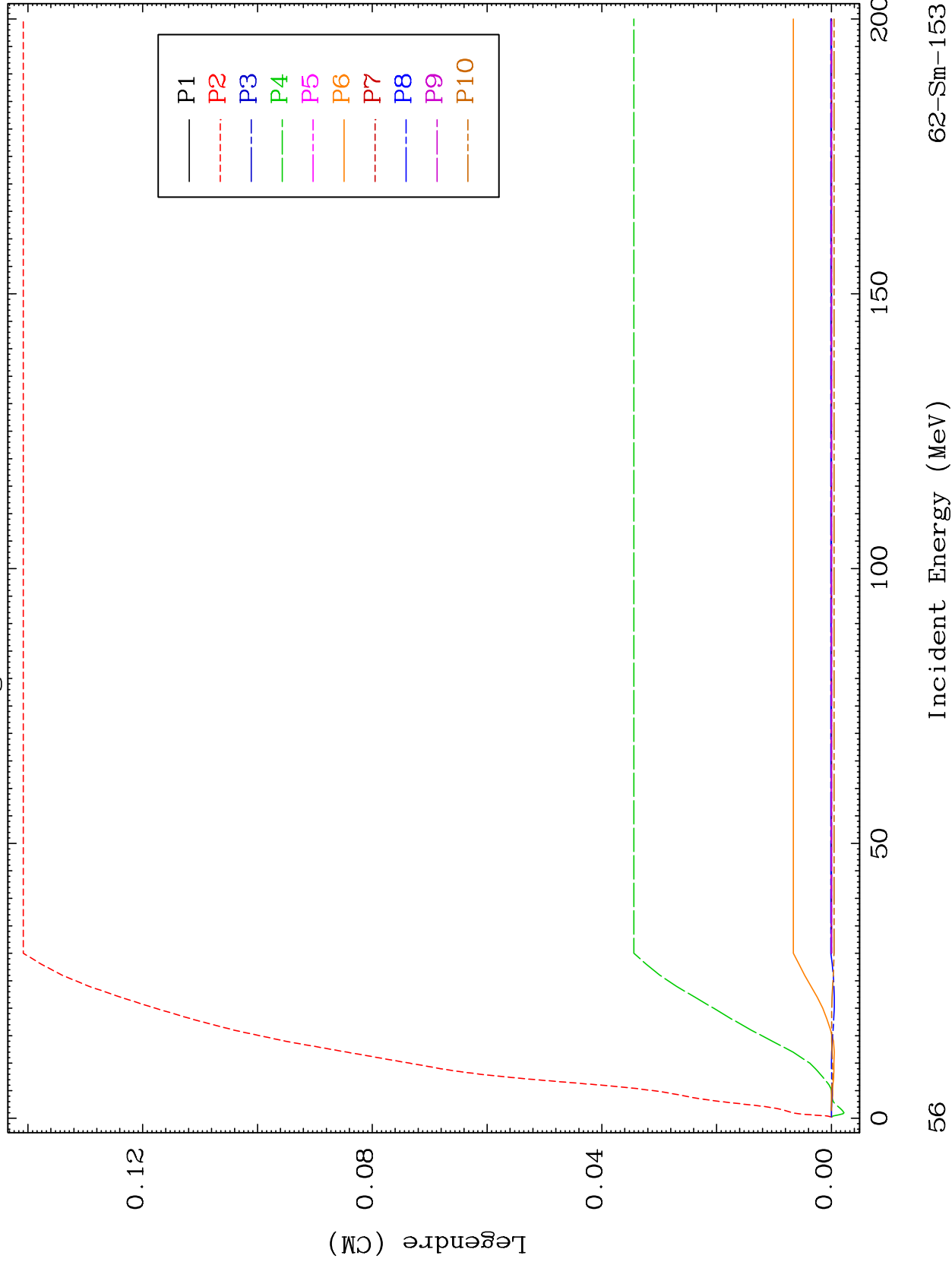




MAT 6252

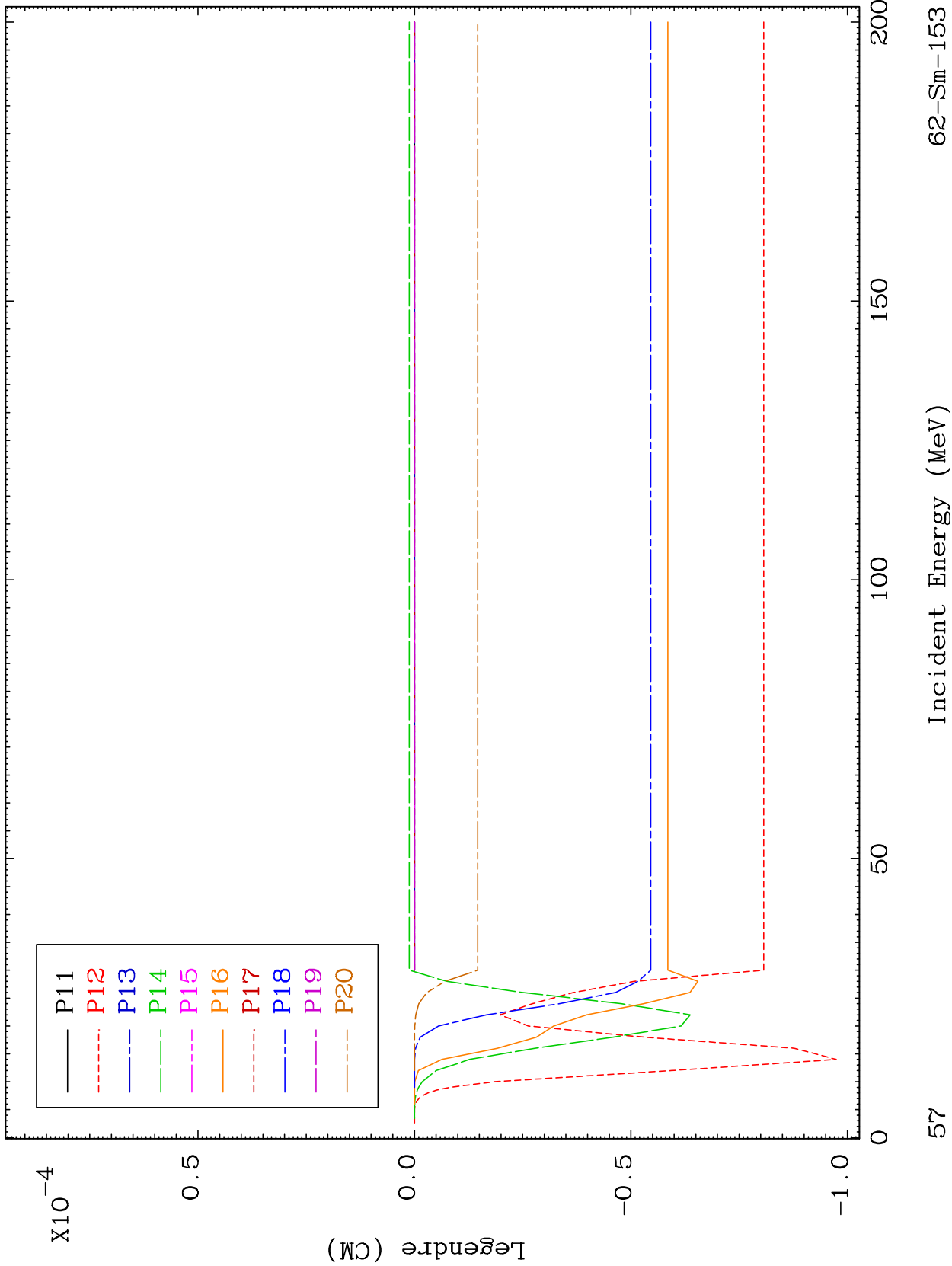
MT= 63 (n,n') Level
Legendre Coefficients

62-Sm-153



56

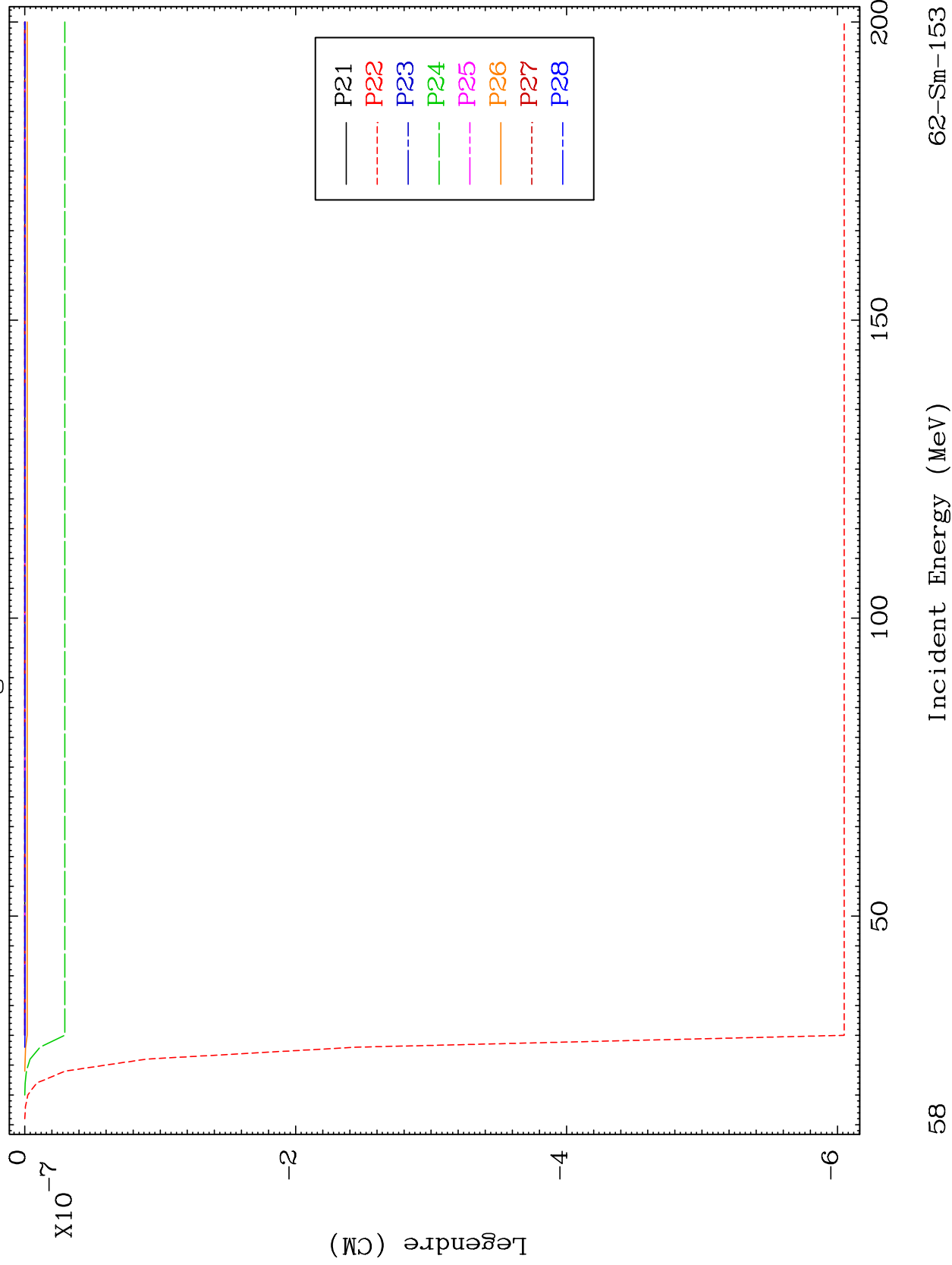
62-Sm-153



MAT 6252

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

62-Sm-153



58

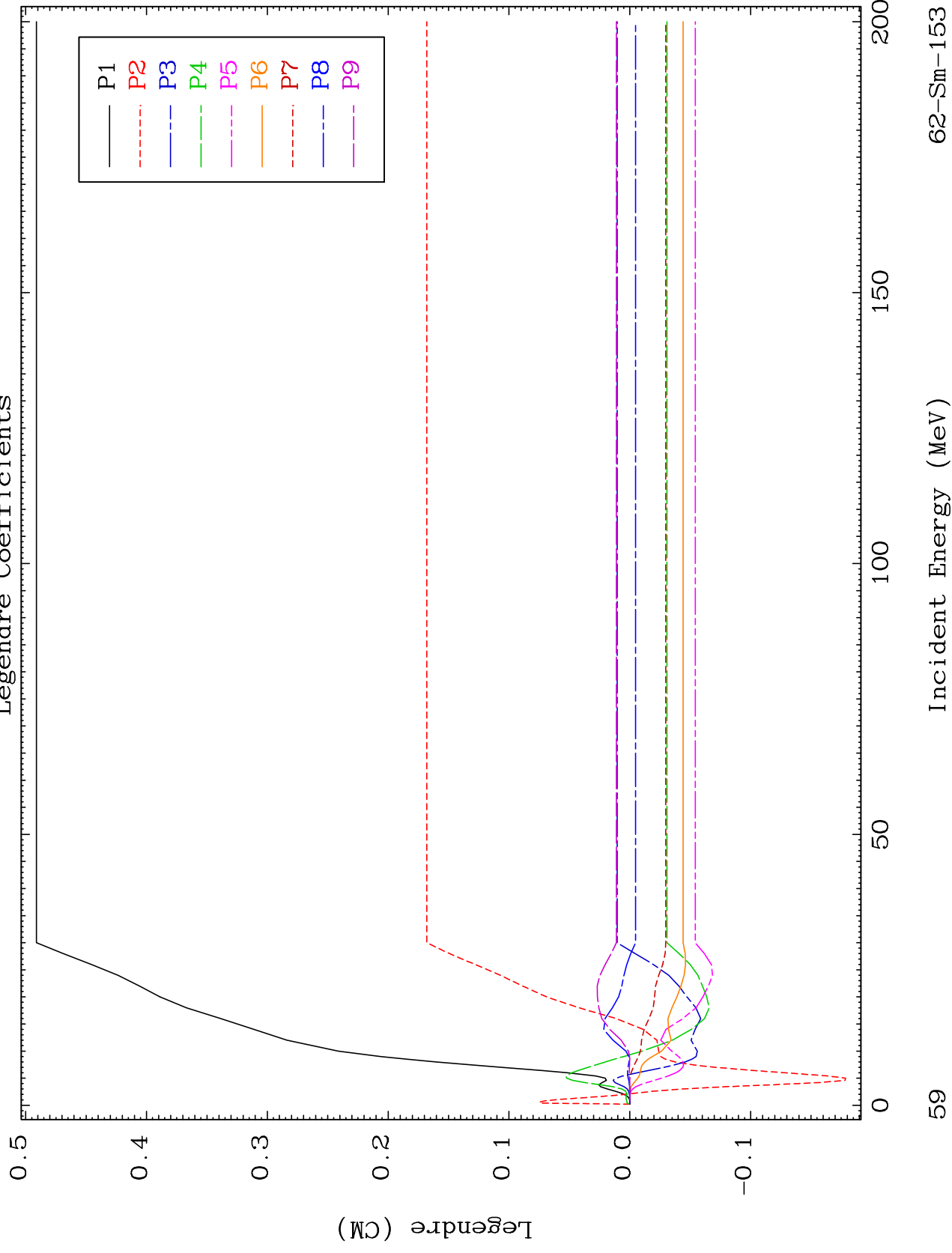
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

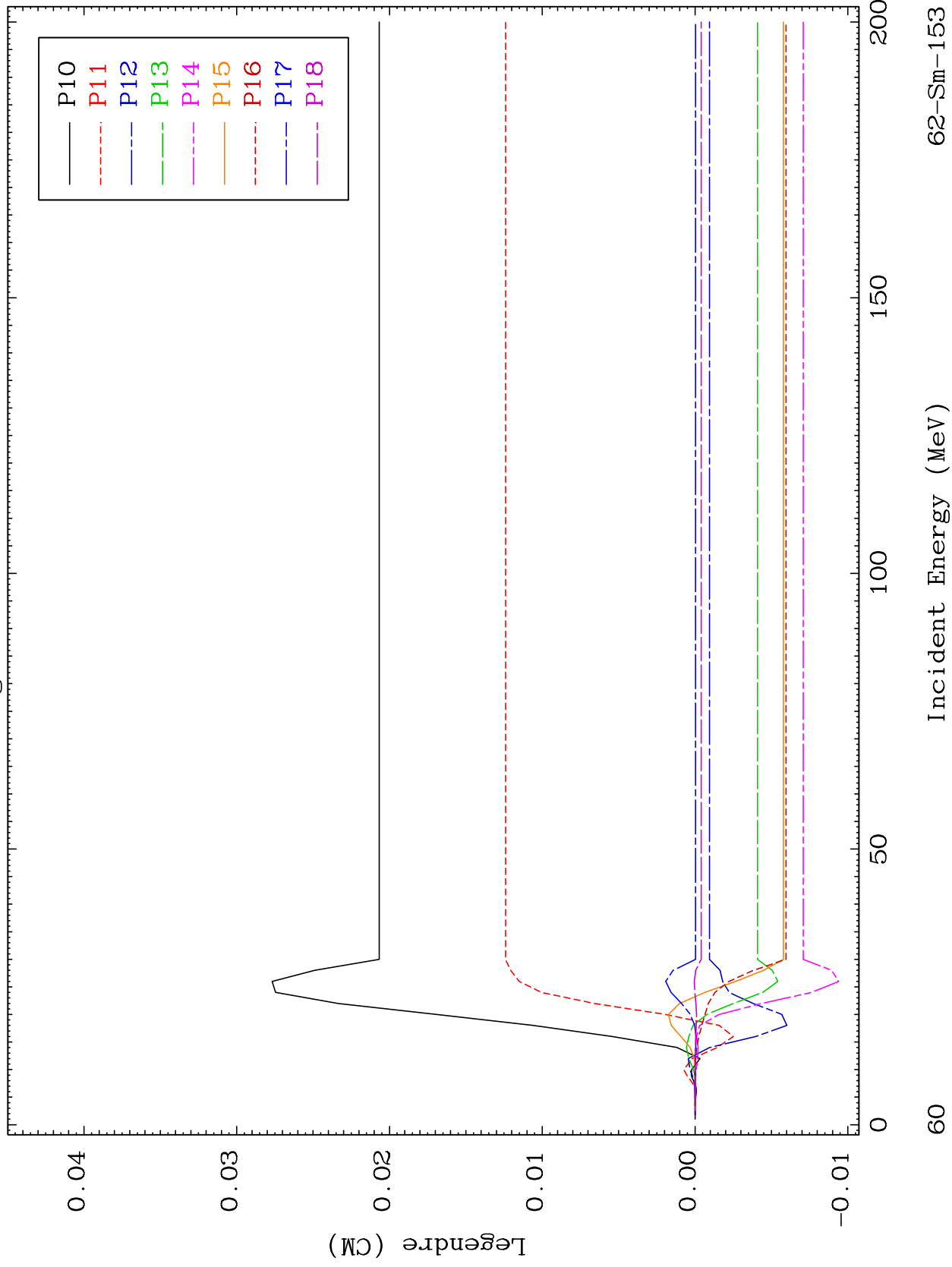
Incident Energy (MeV)

59

MAT 6252

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

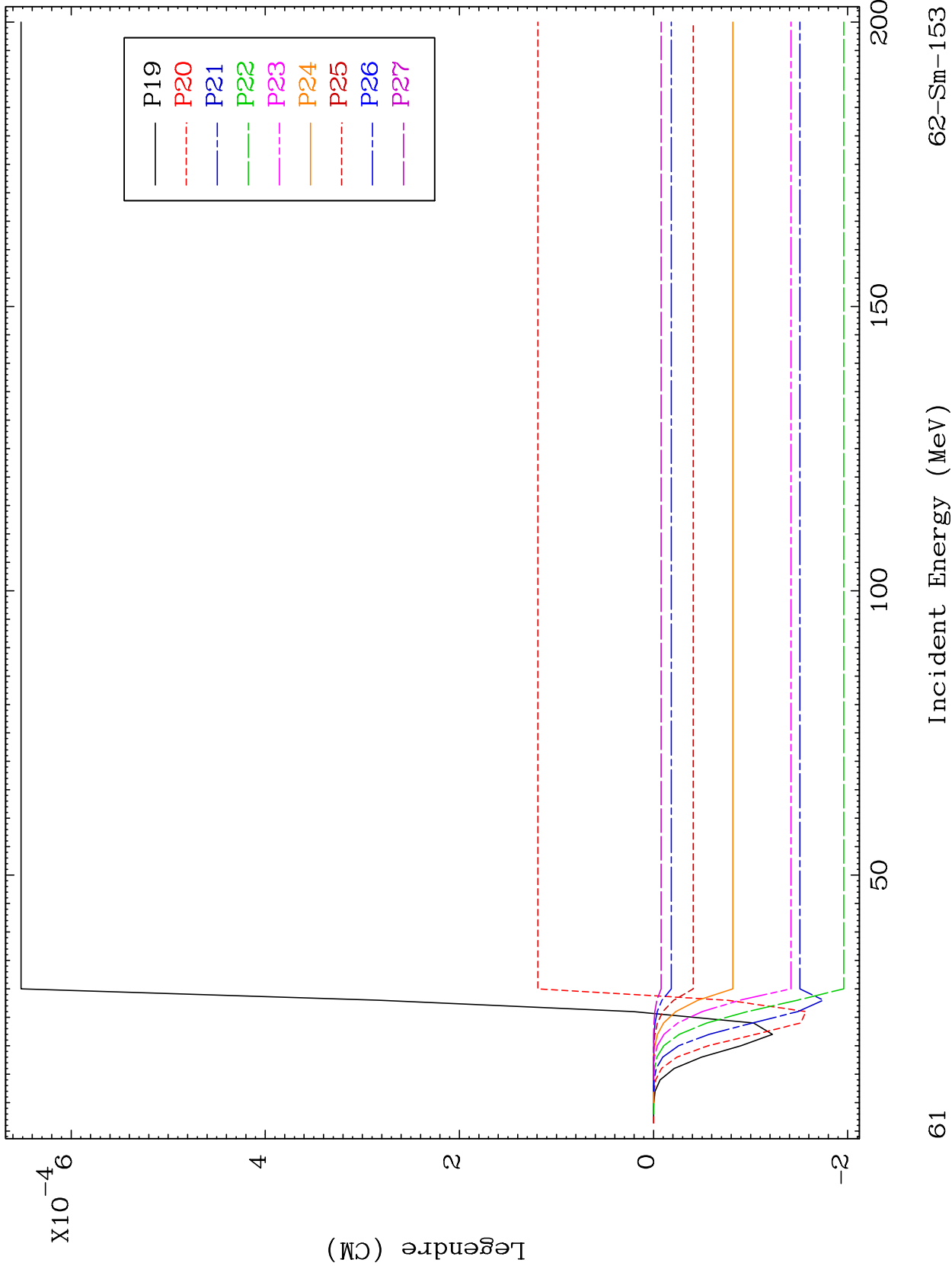
62-Sm-153



MAT 6252

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

62-Sm-153

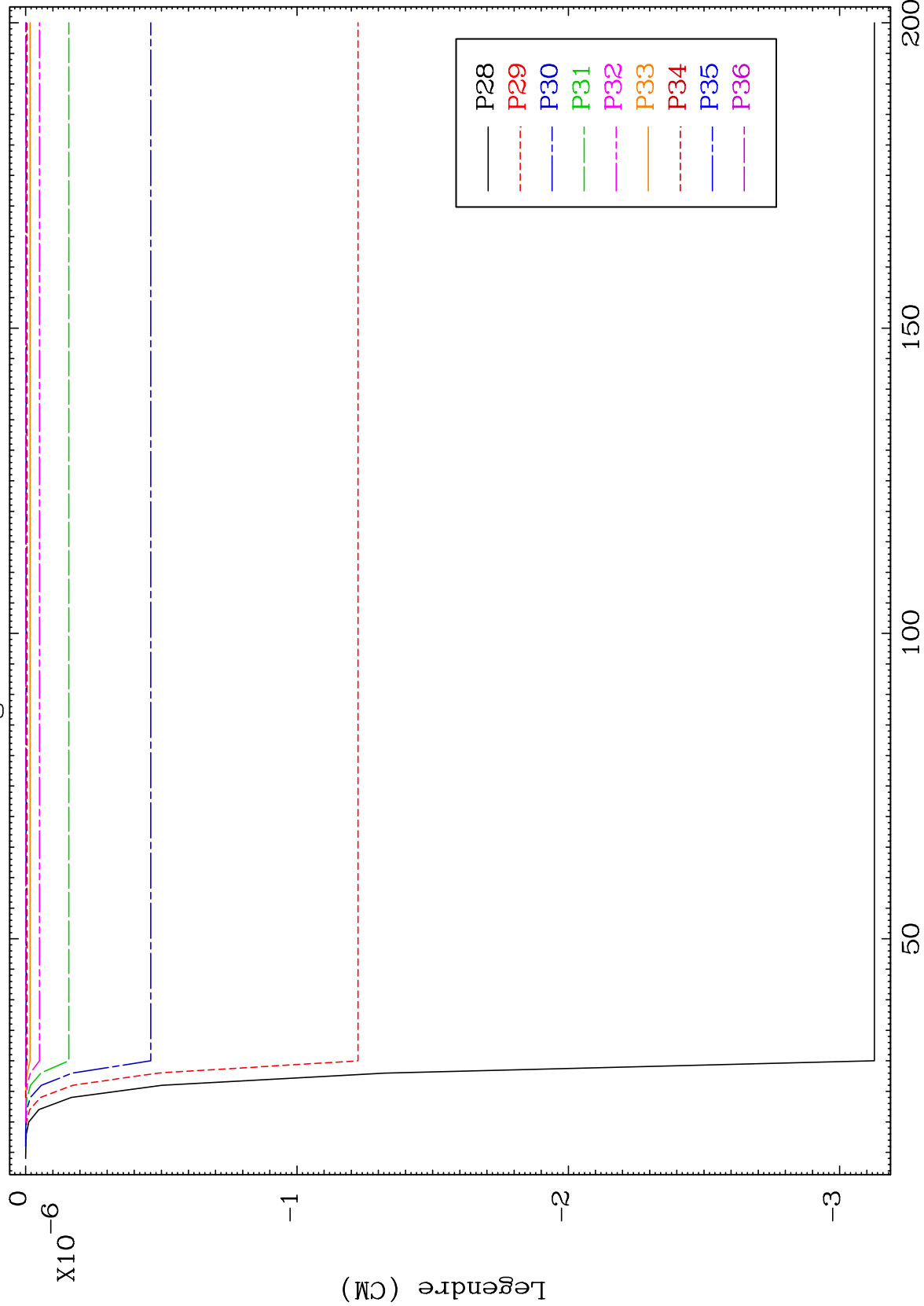


MAT 6252

MT= 64 (n,n') Level

62-Sm-153

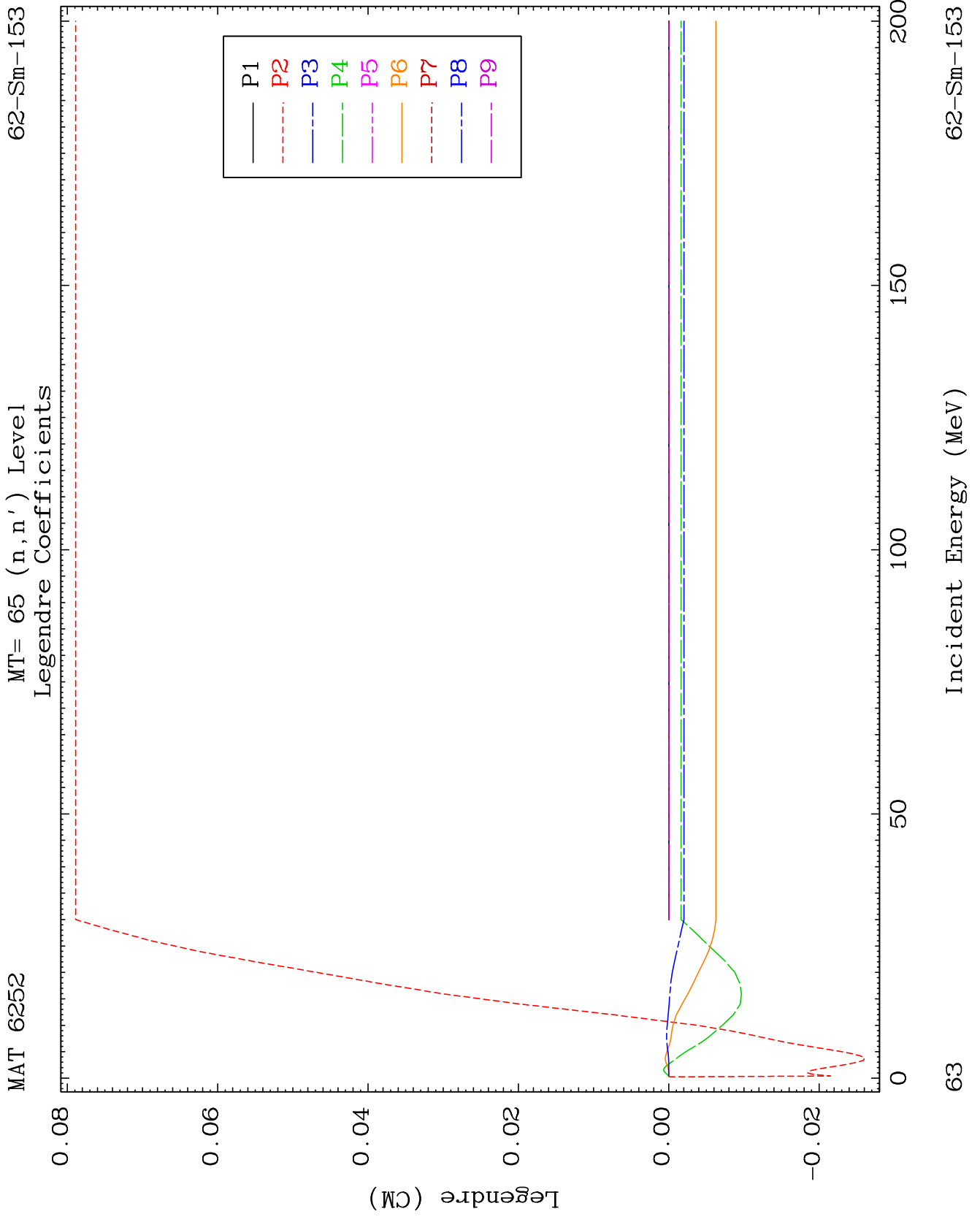
Legendre Coefficients



62-Sm-153

Incident Energy (MeV)

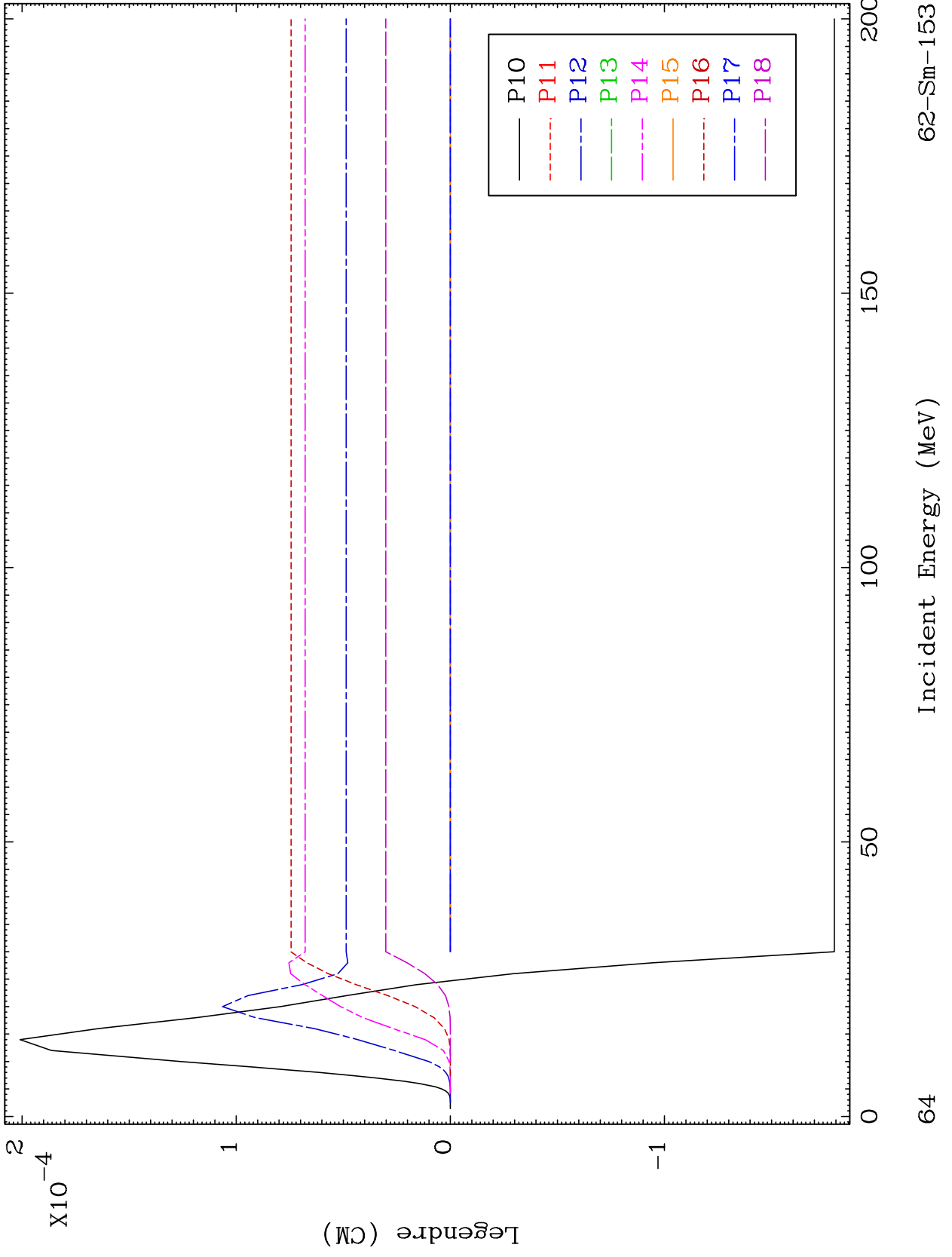
62

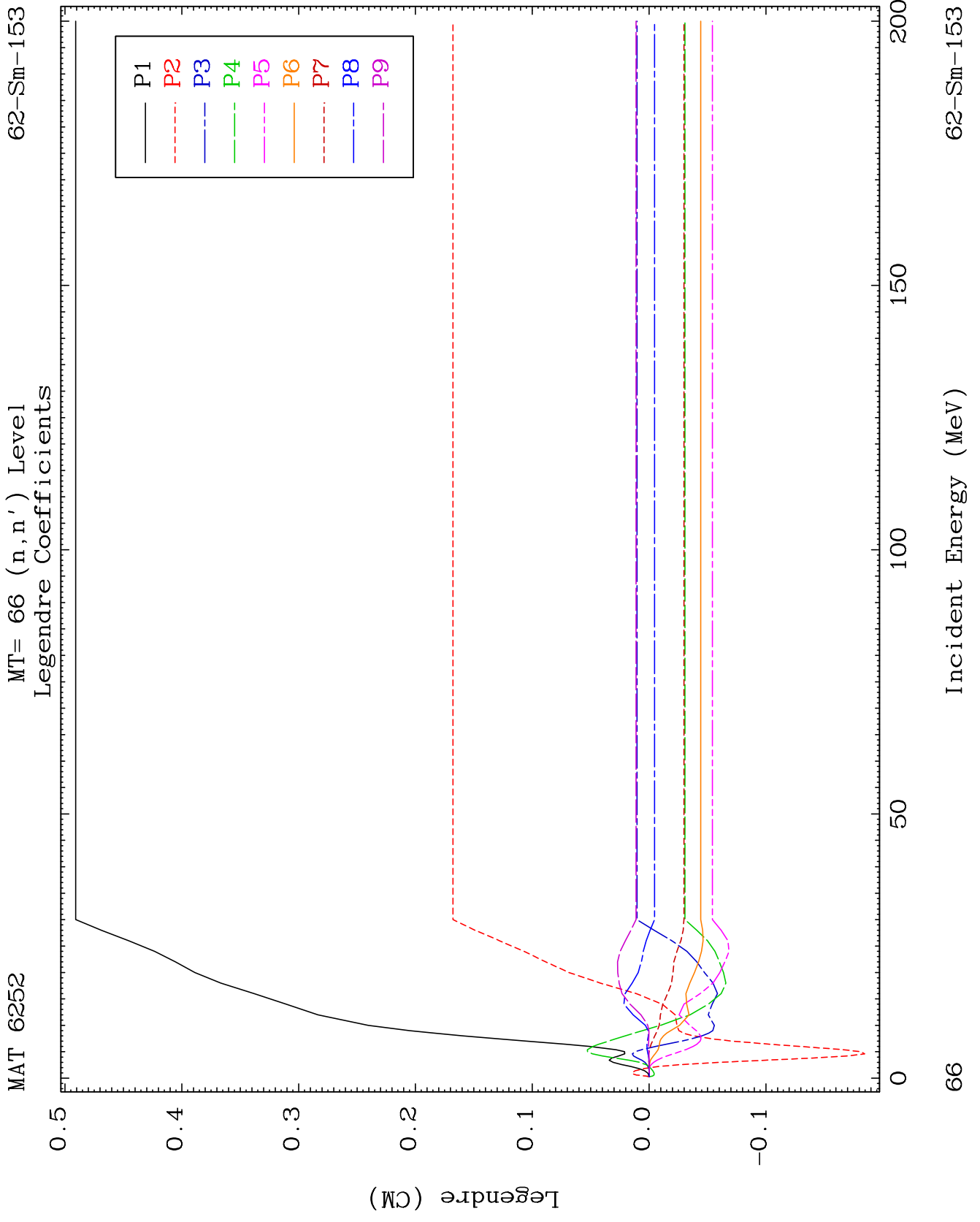


MAT 6252

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

62-Sm-153

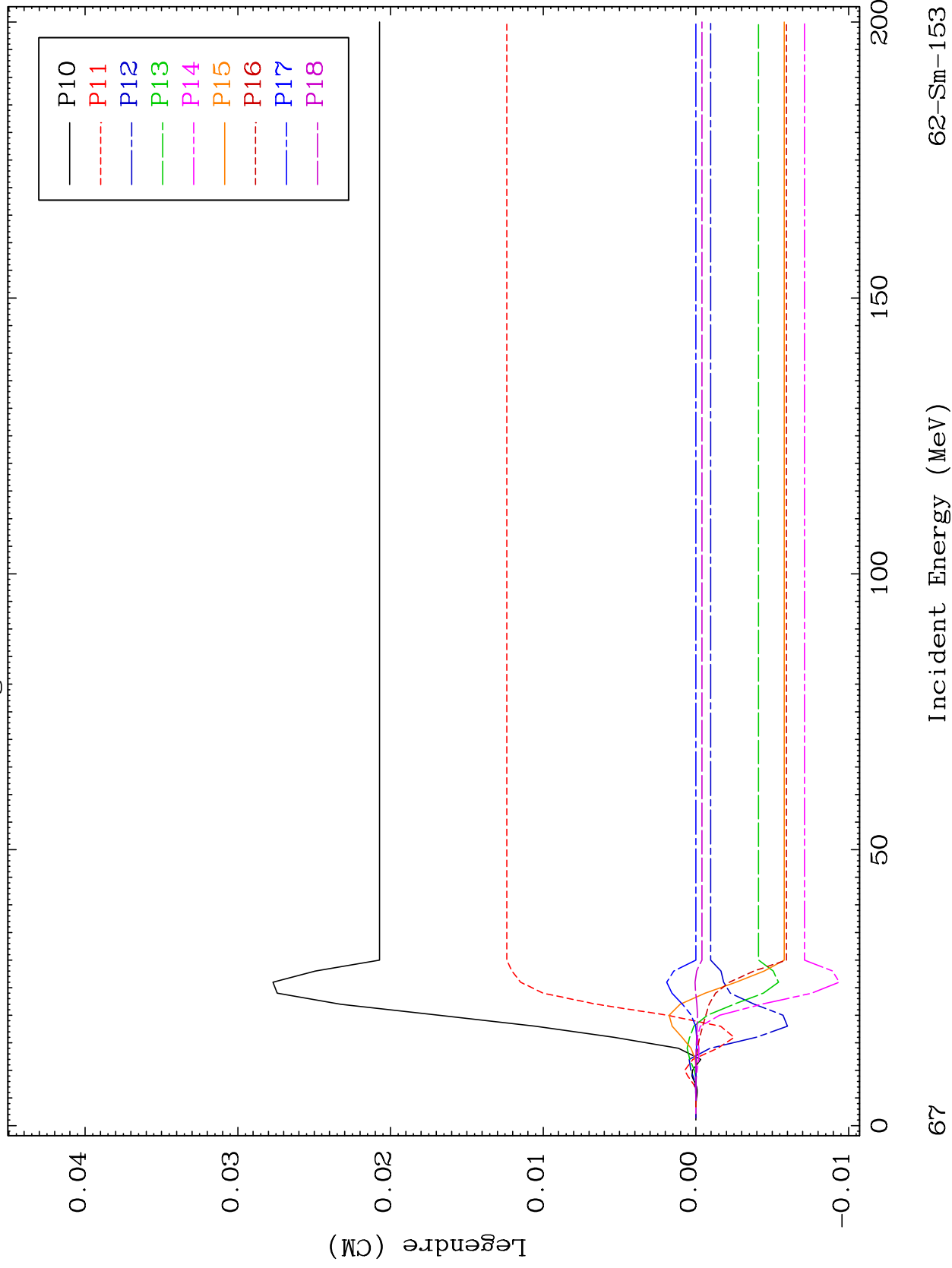




MAT 6252

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

62-Sm-153



67

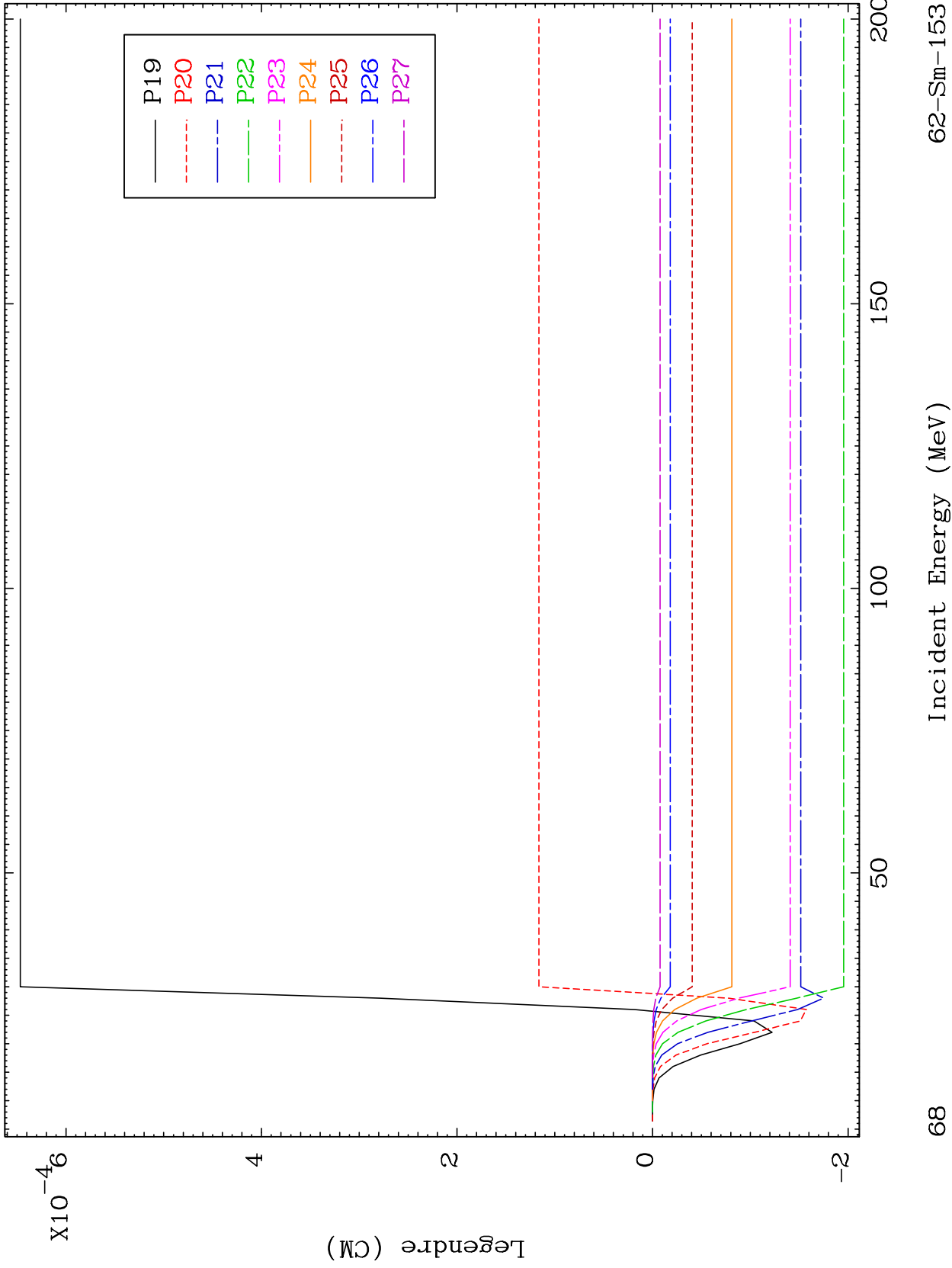
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

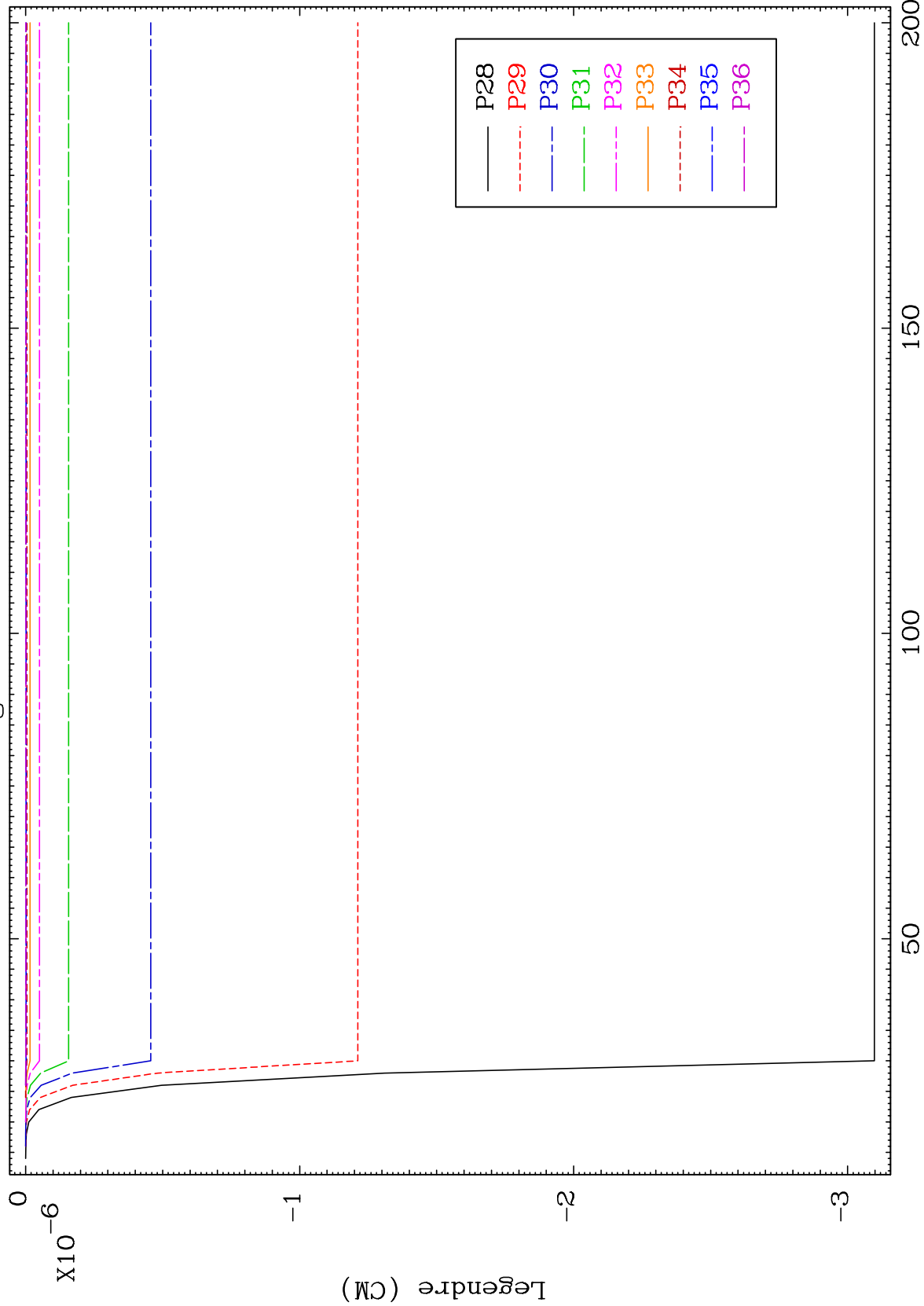


MAT 6252

MT= 66 (n,n') Level

62-Sm-153

Legendre Coefficients



62-Sm-153

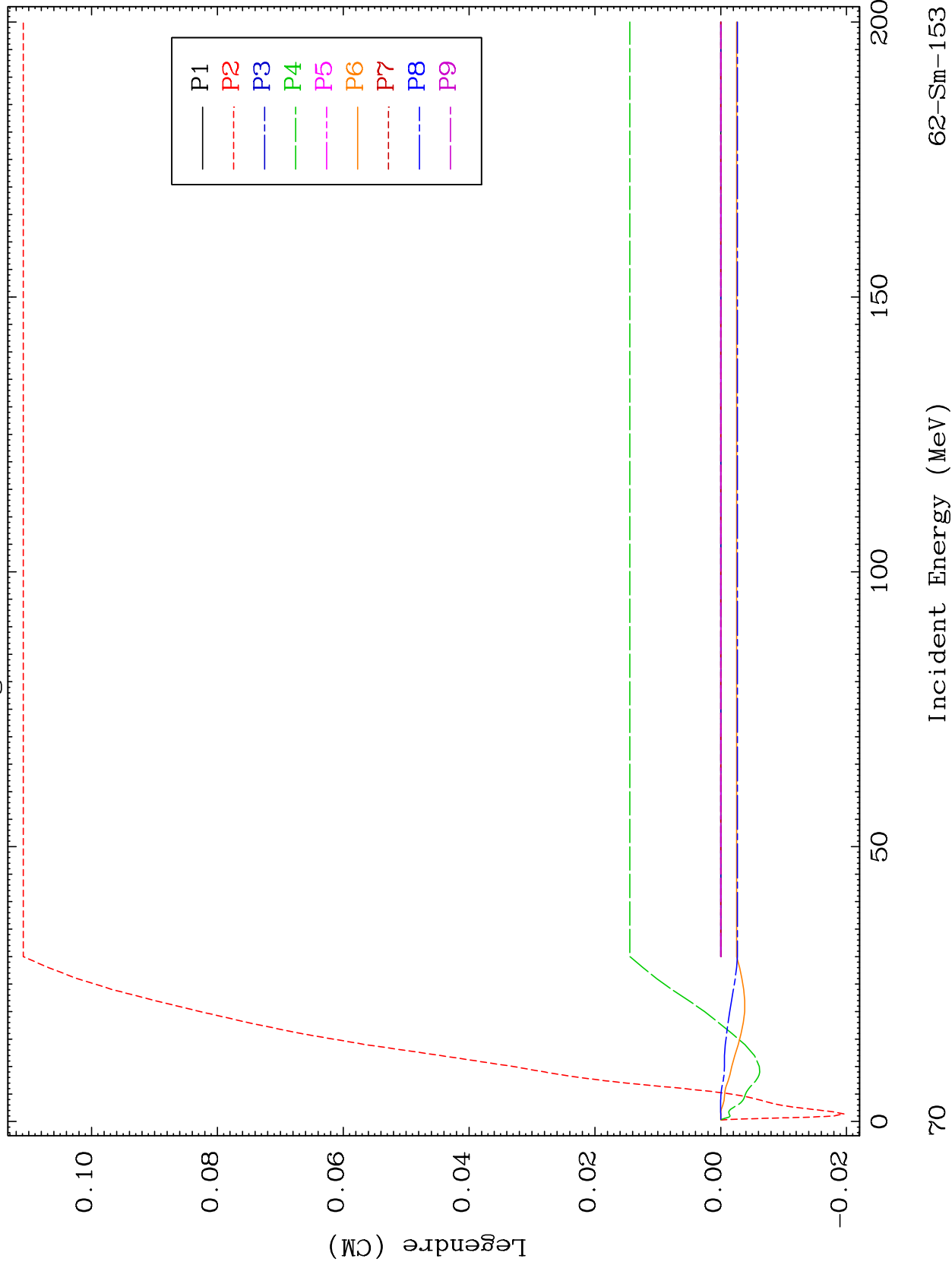
Incident Energy (MeV)

69

MAT 6252

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

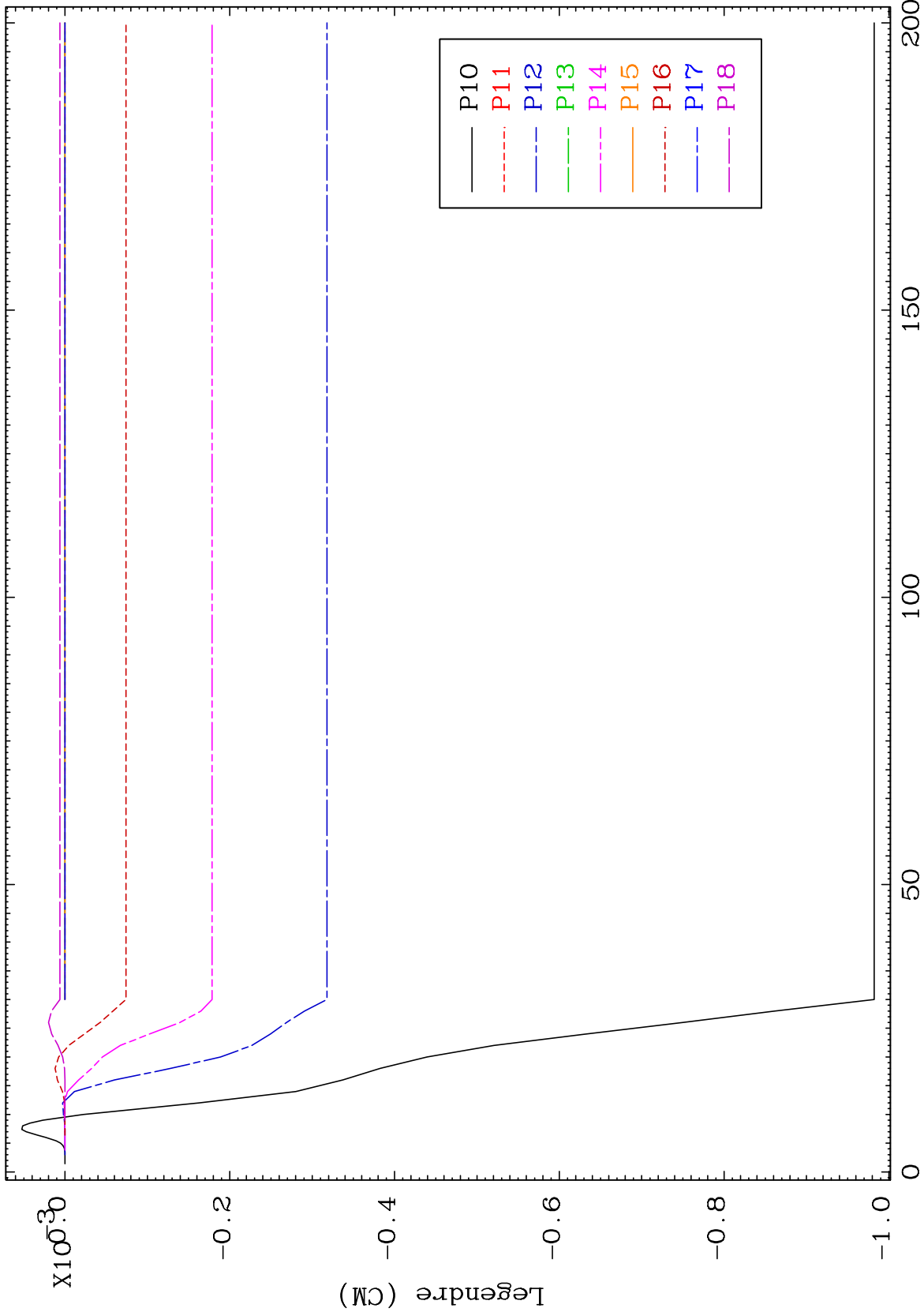
62-Sm-153



62-Sm-153

Incident Energy (MeV)

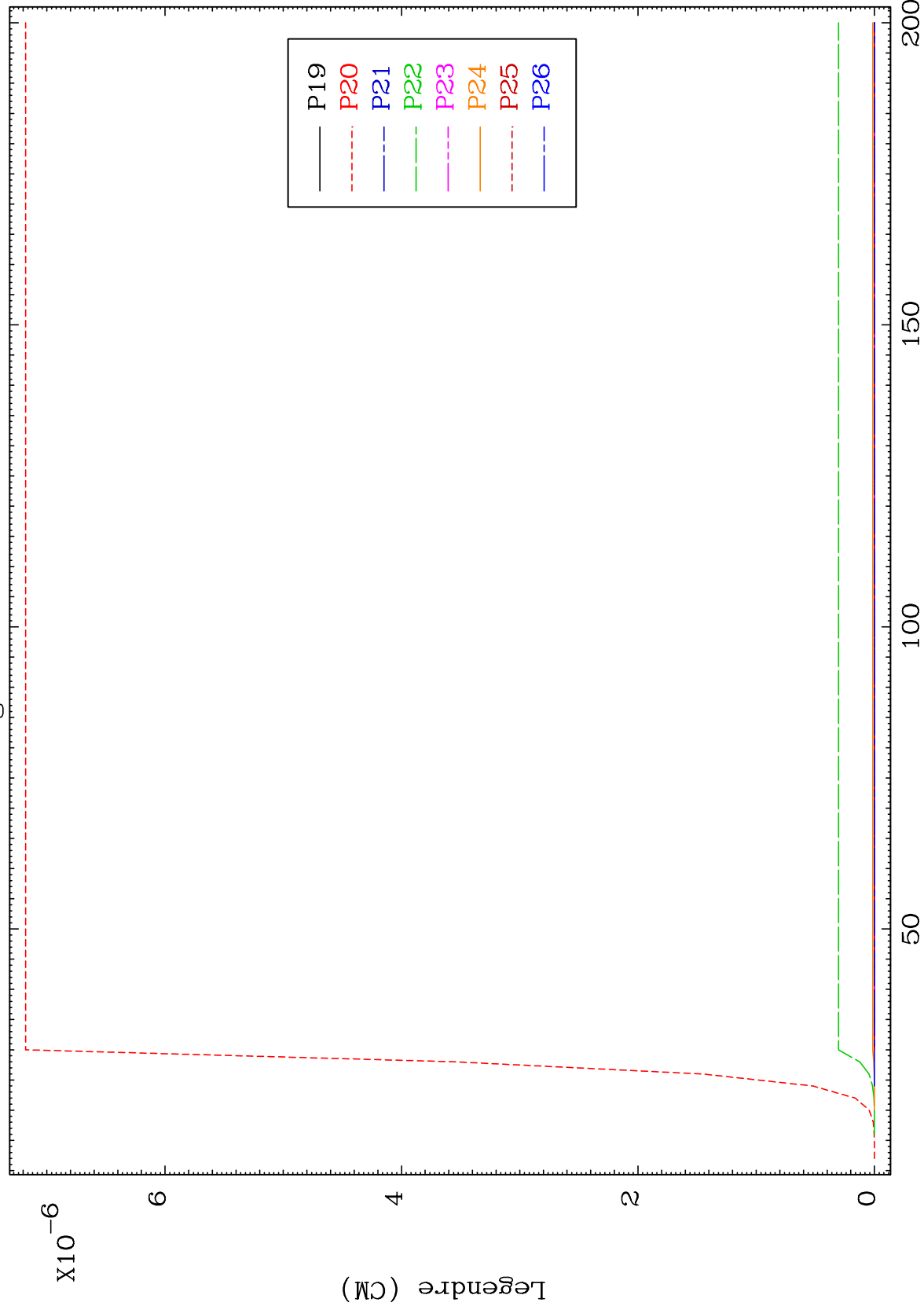
70



MAT 6252

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

62-Sm-153



72

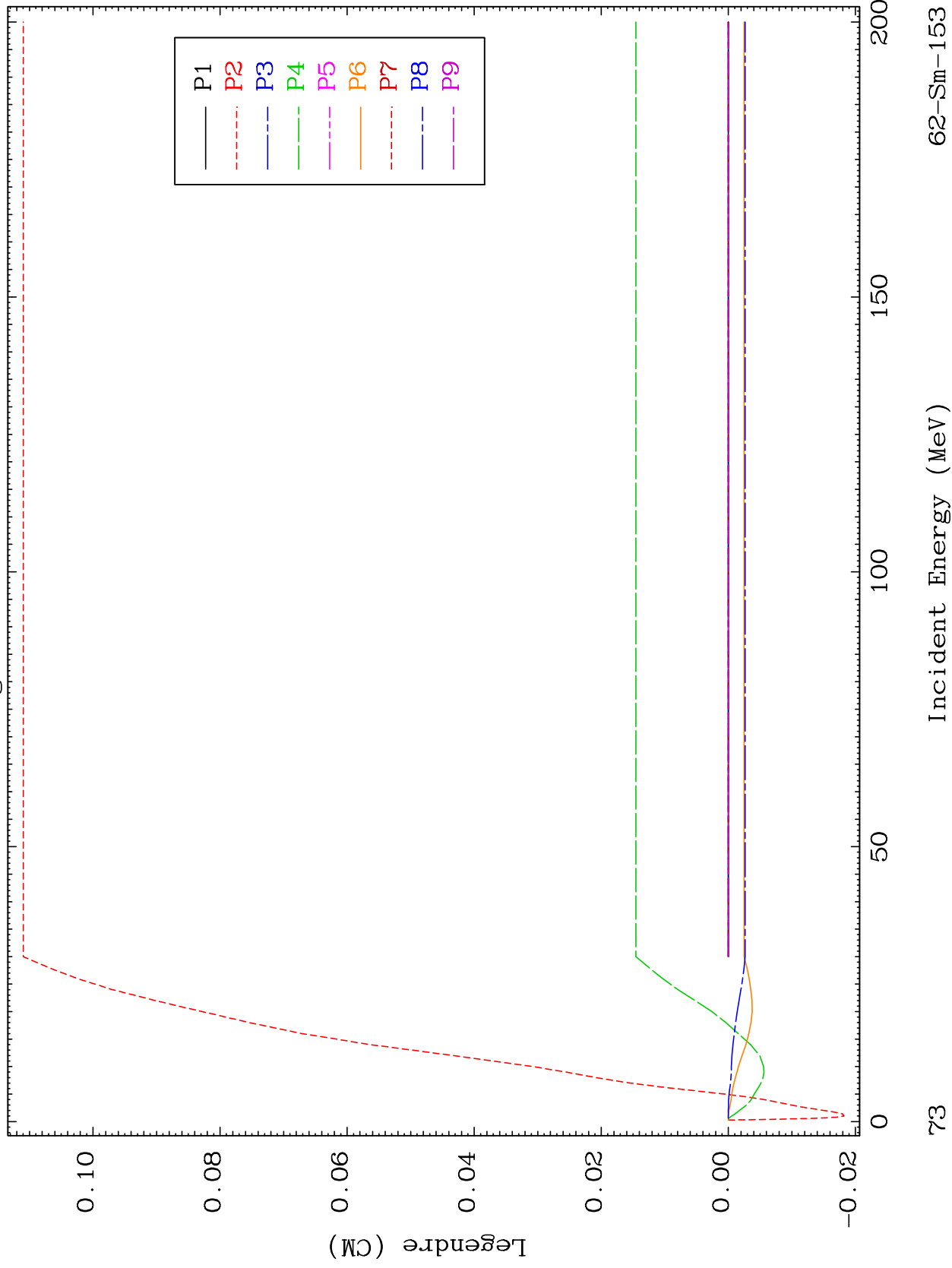
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

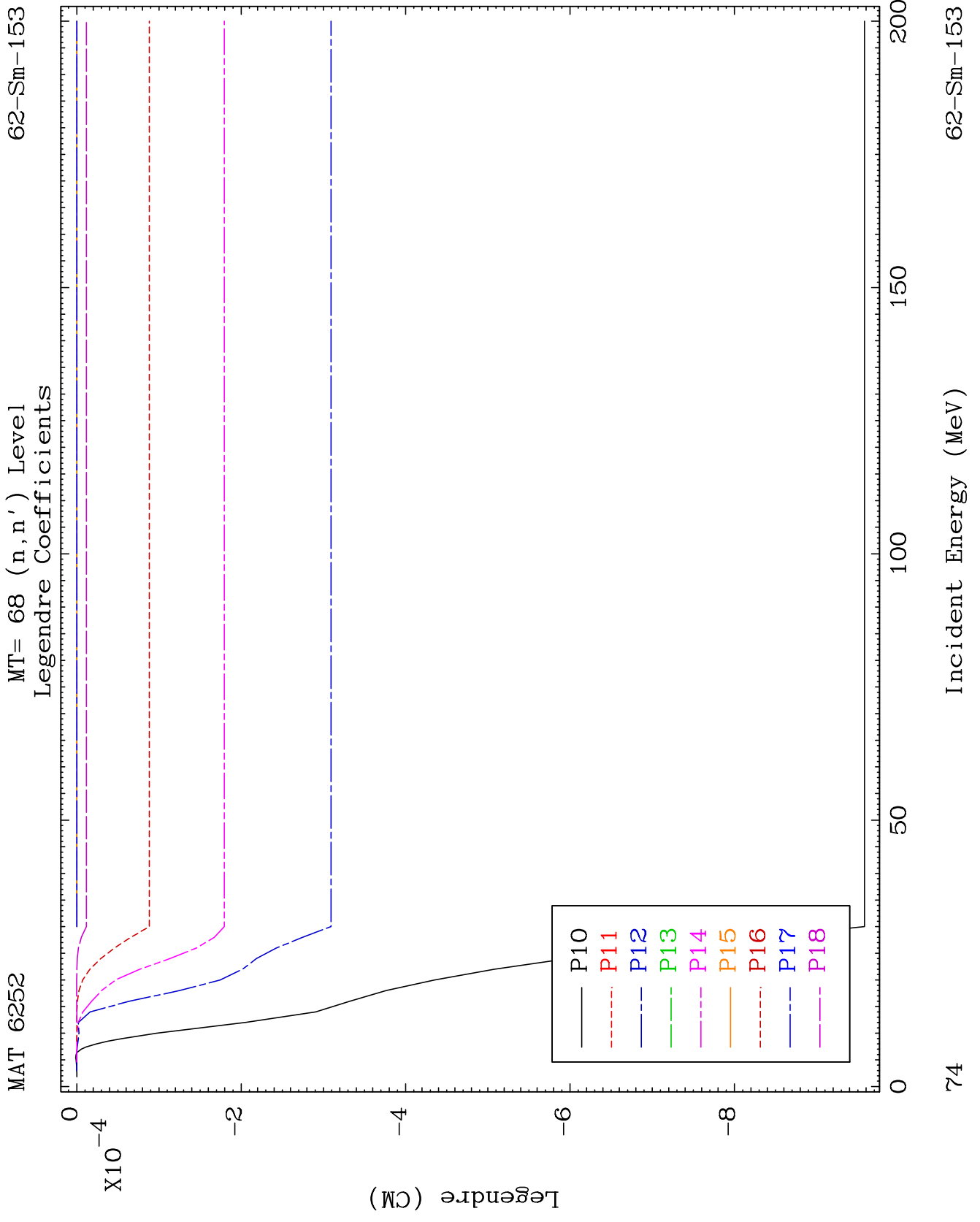
62-Sm-153



62-Sm-153

Incident Energy (MeV)

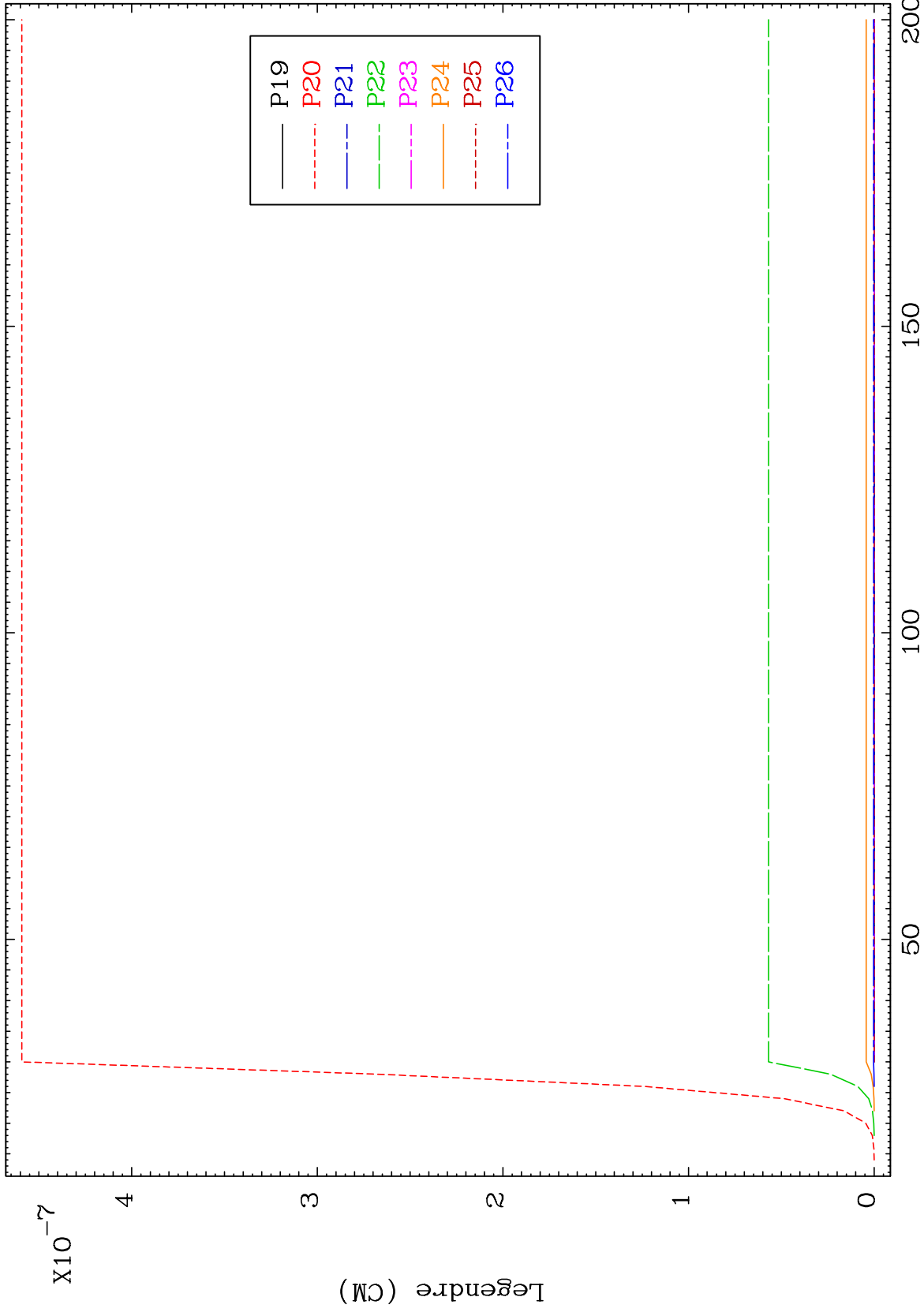
73



MAT 6252

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

62-Sm-153



62-Sm-153

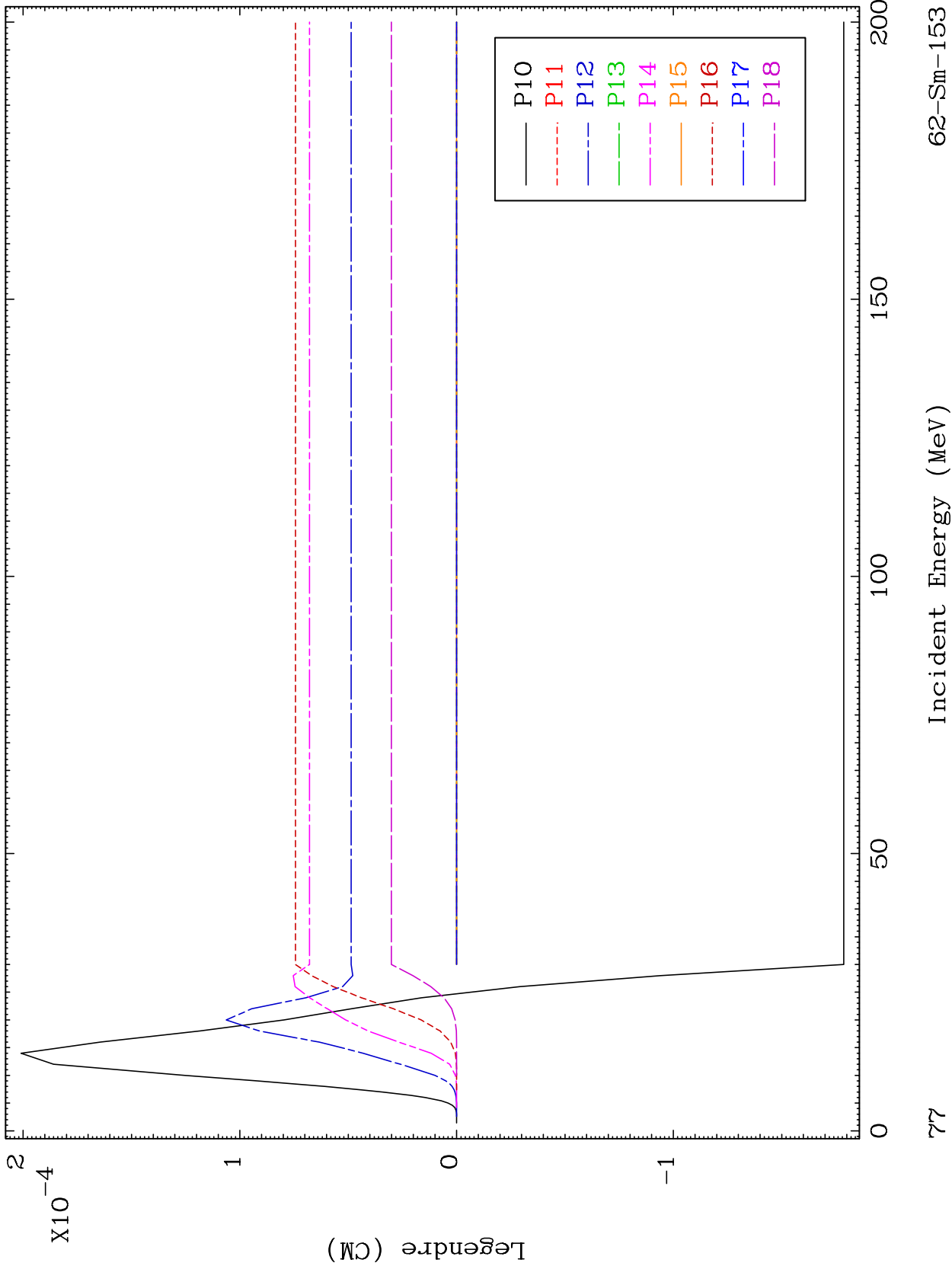
Incident Energy (MeV)

75

MAT 6252

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

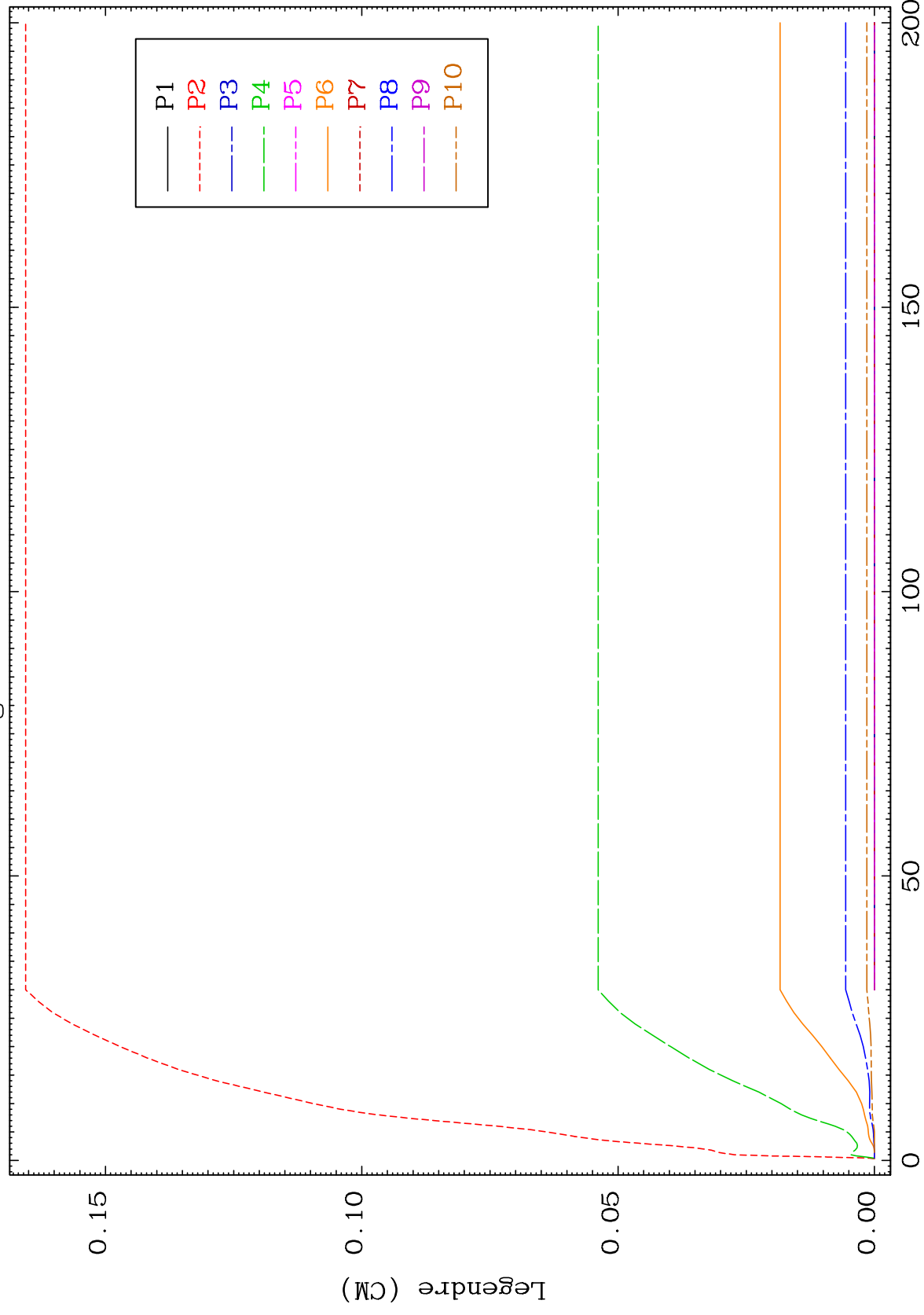
62-Sm-153



MAT 6252

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

62-Sm-153



79

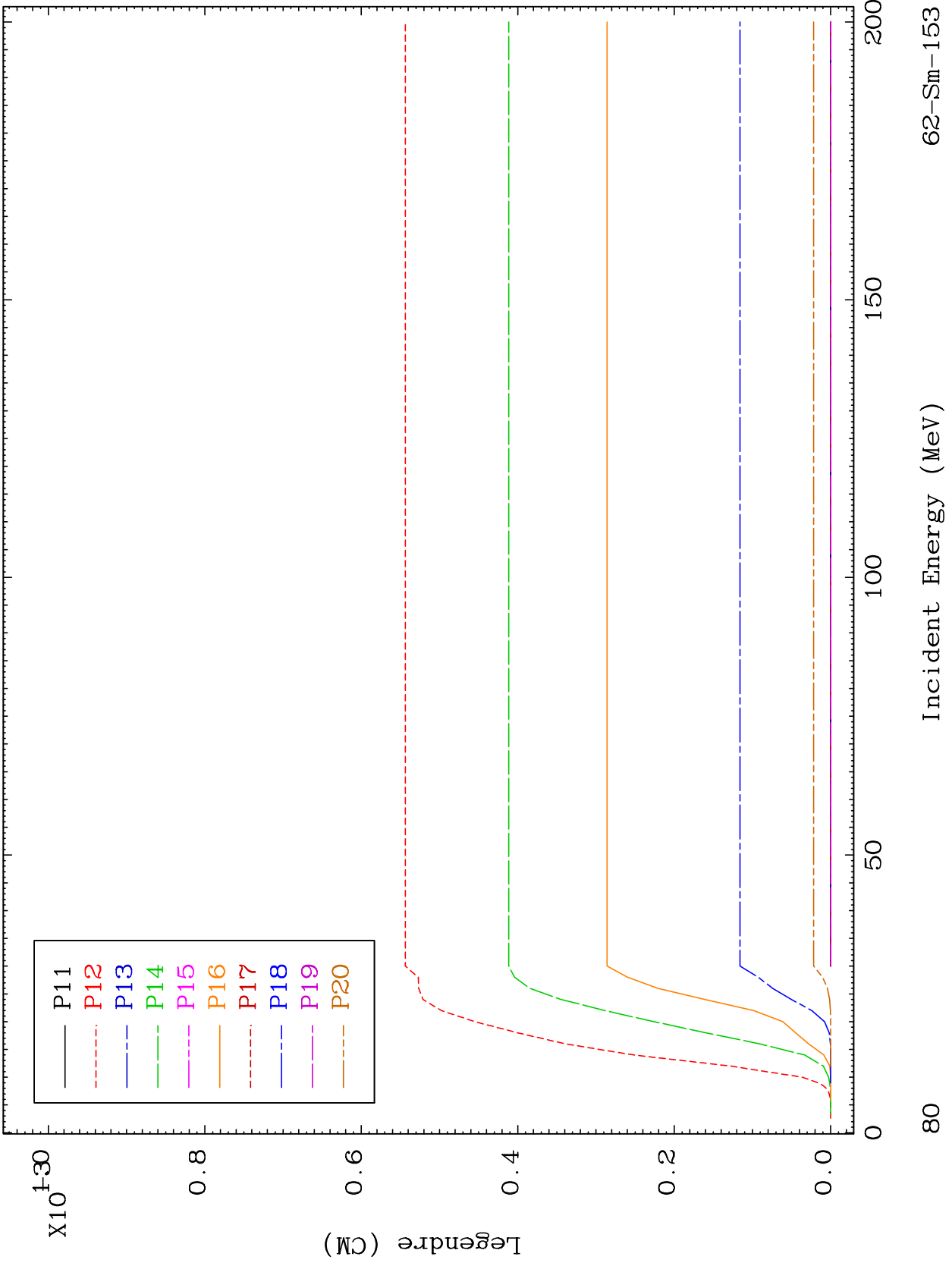
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

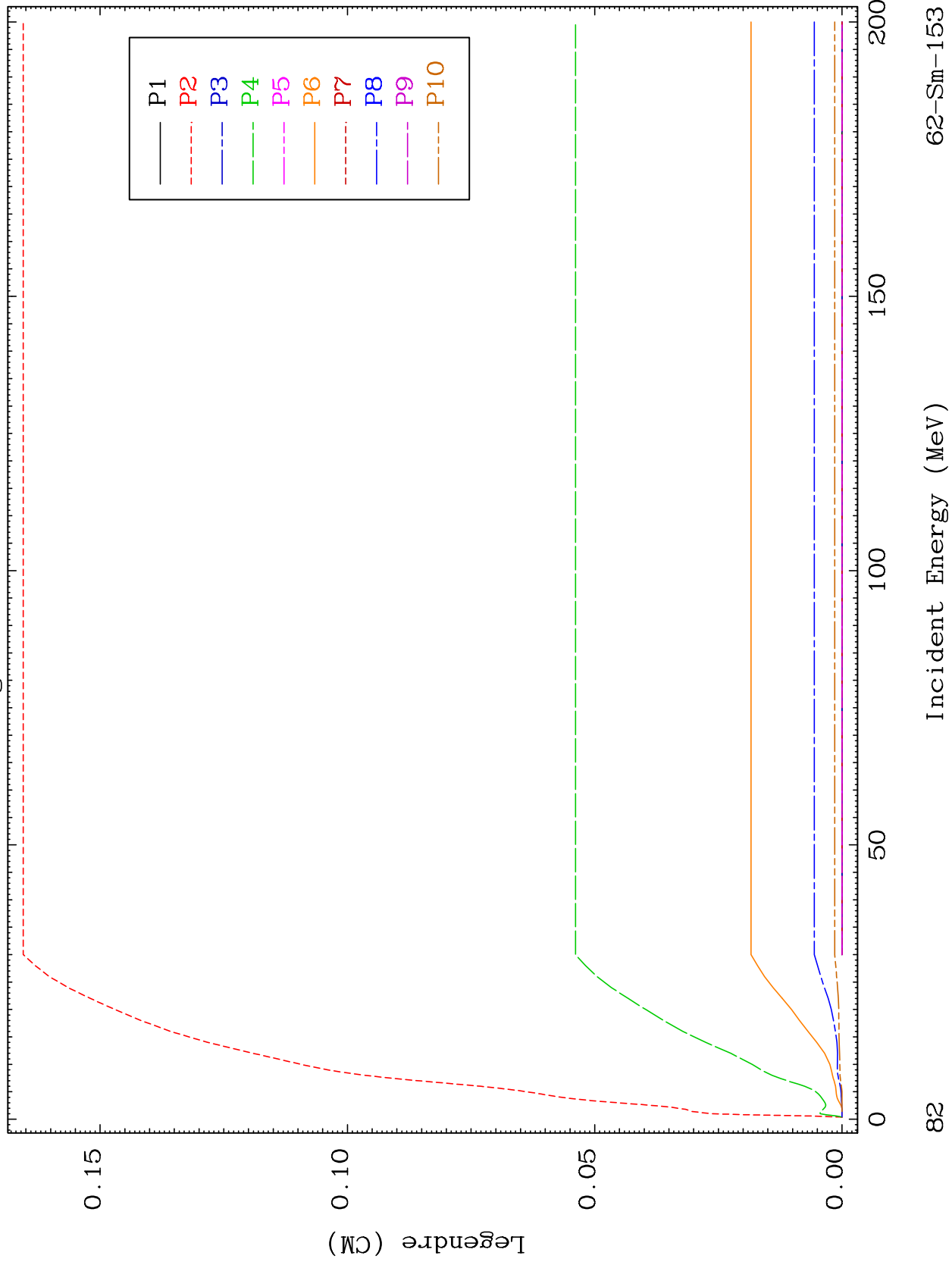


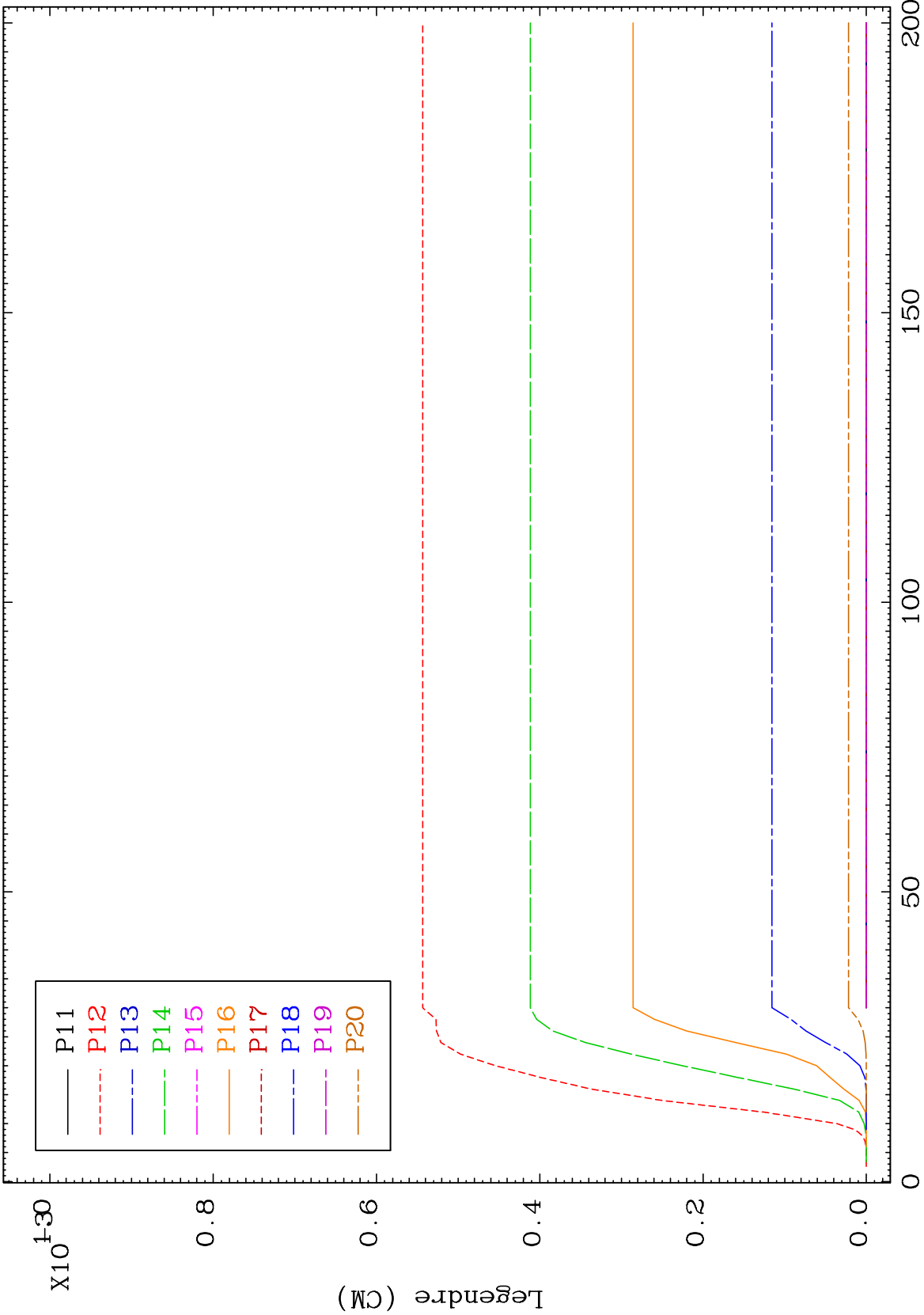
62-Sm-153

MAT 6252

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

62-Sm-153

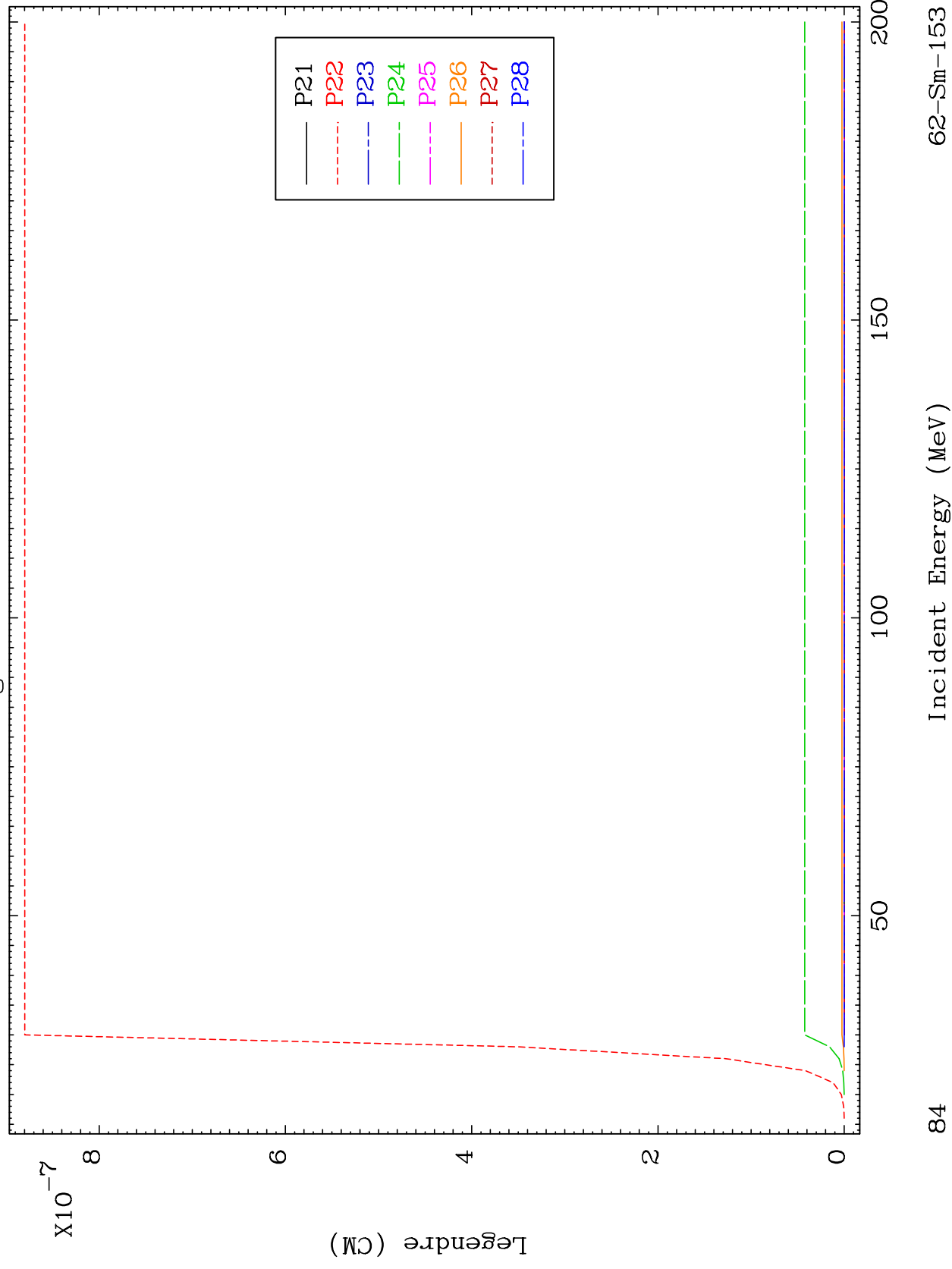




MAT 6252

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

62-Sm-153



84

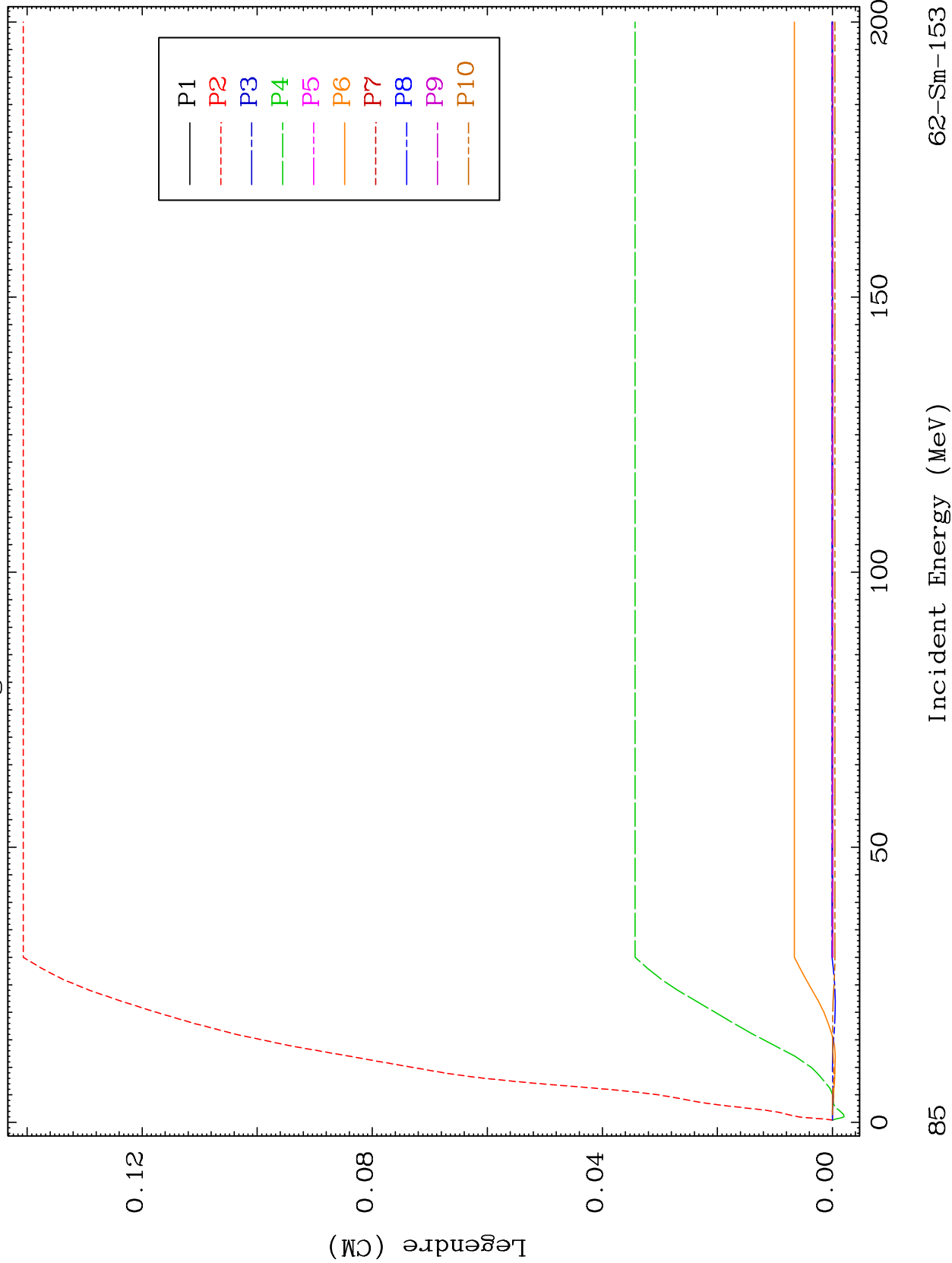
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

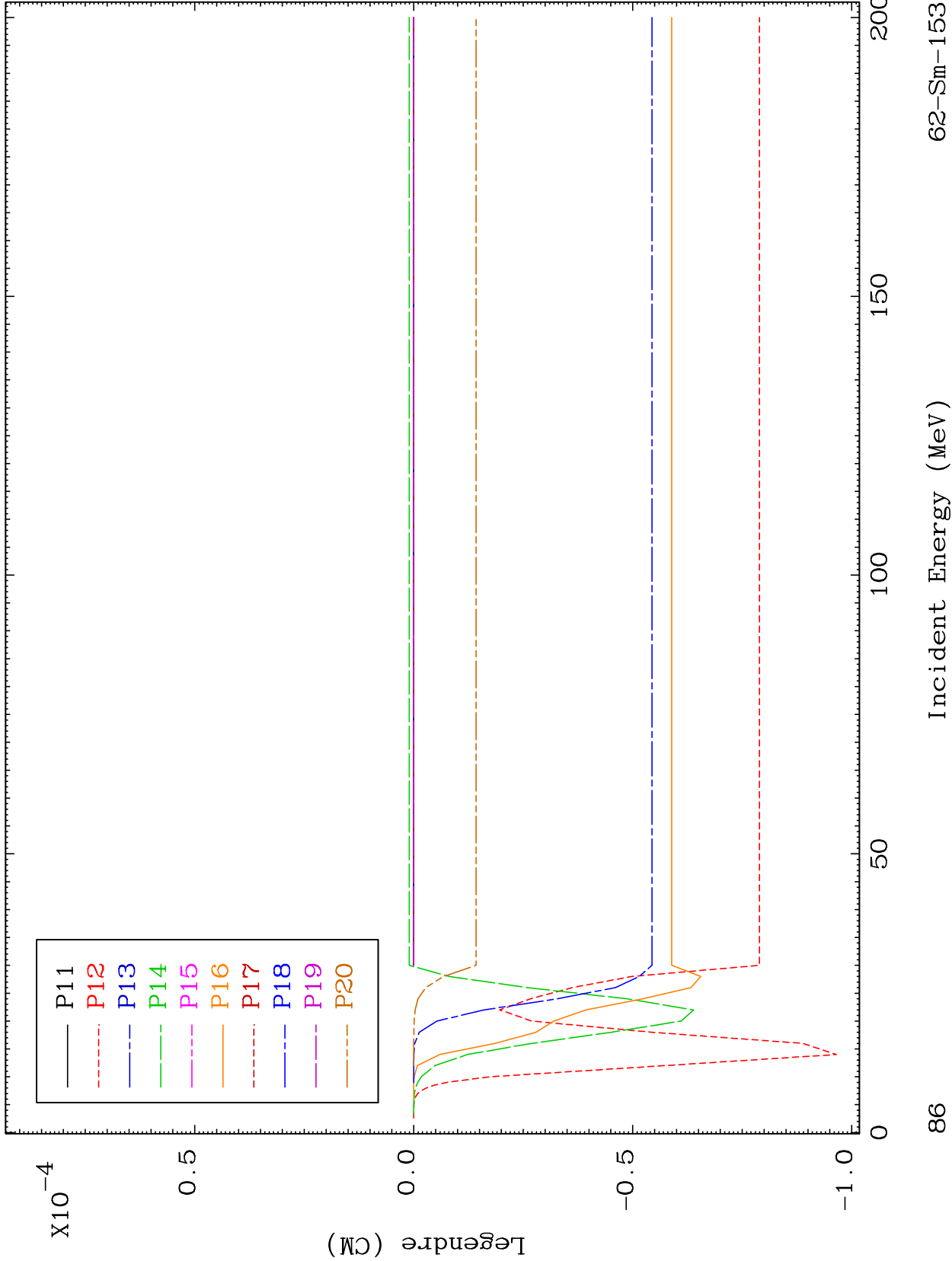
62-Sm-153



62-Sm-153

Incident Energy (MeV)

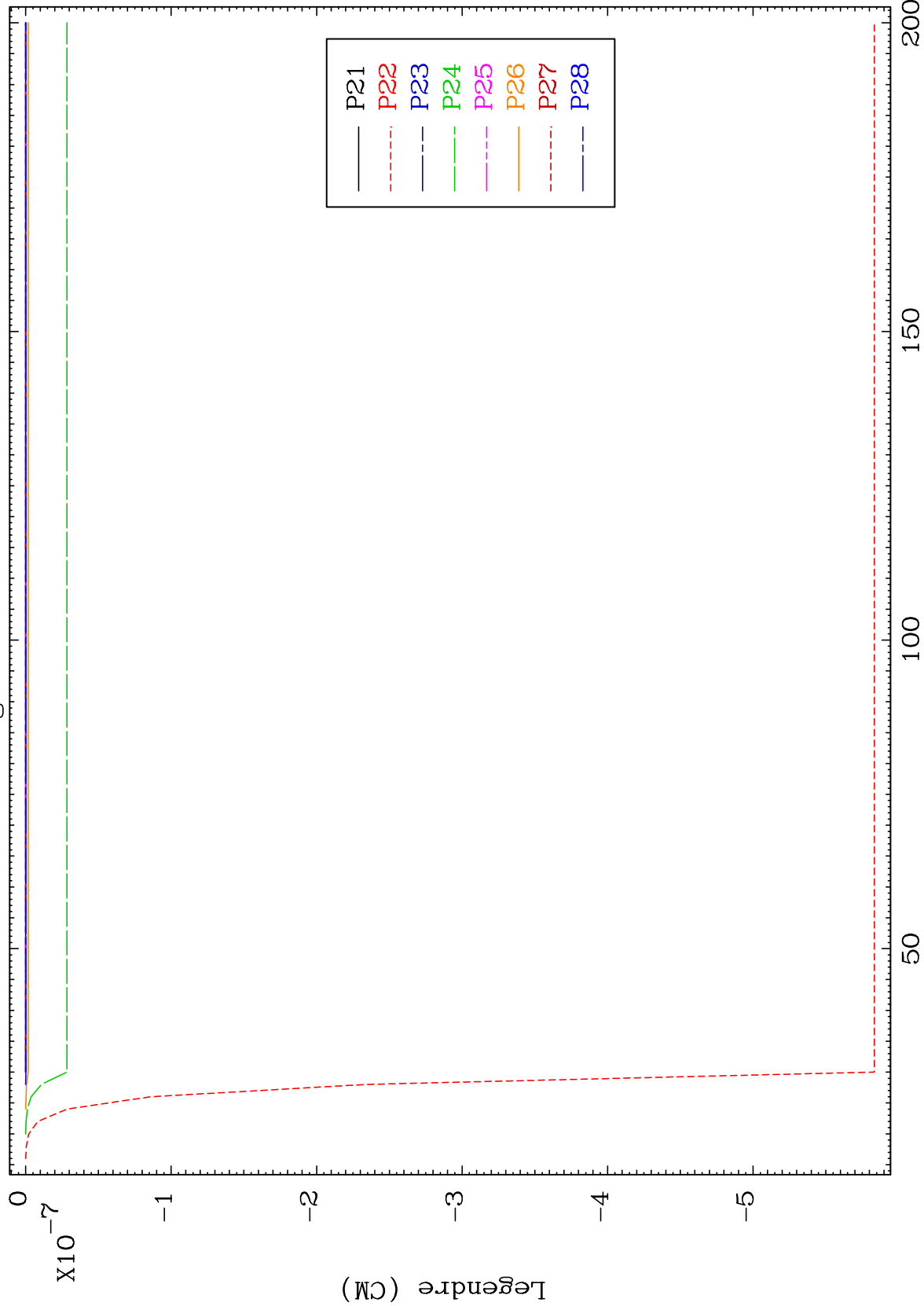
85



MAT 6252

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

62-Sm-153



87

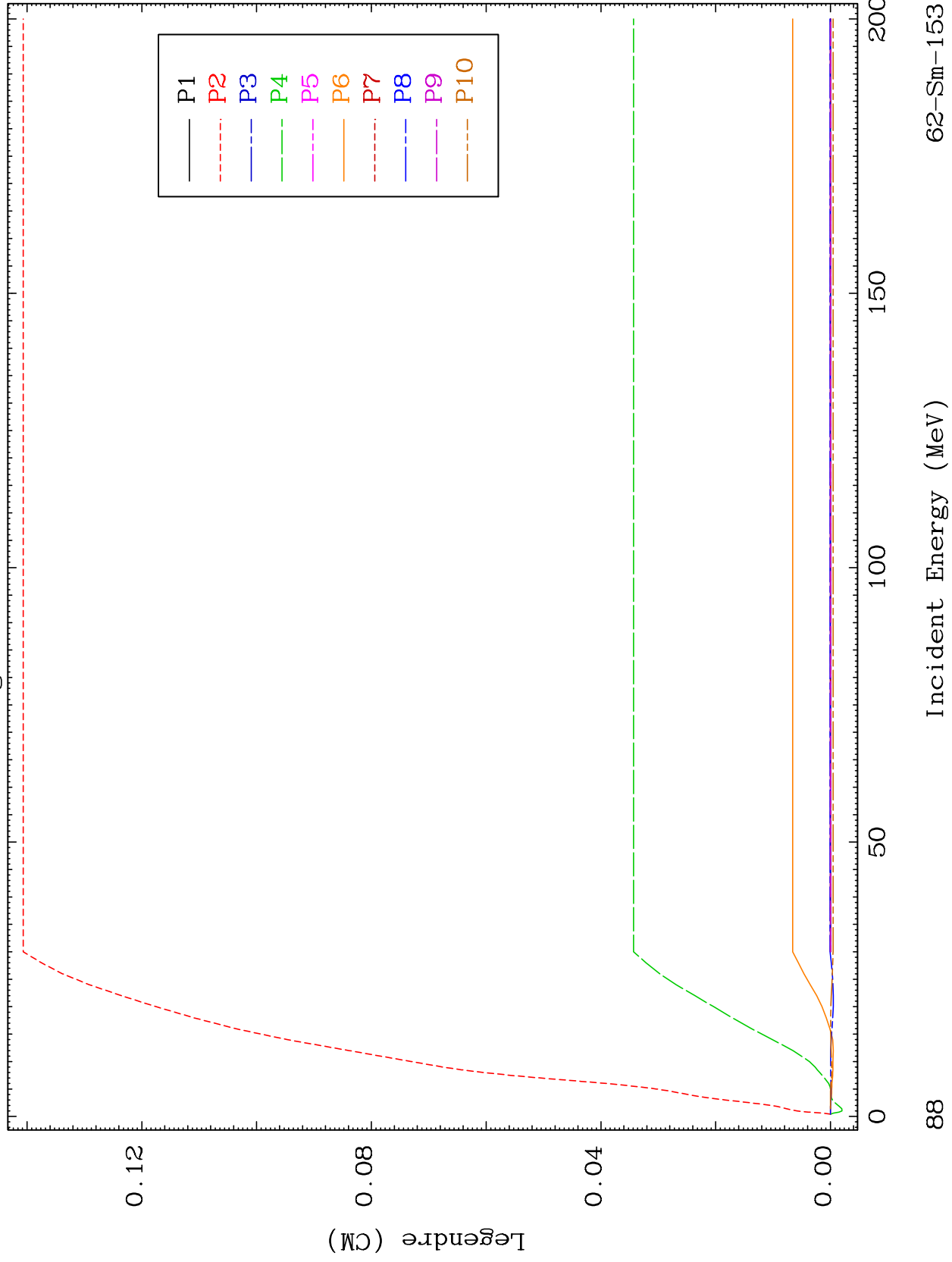
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

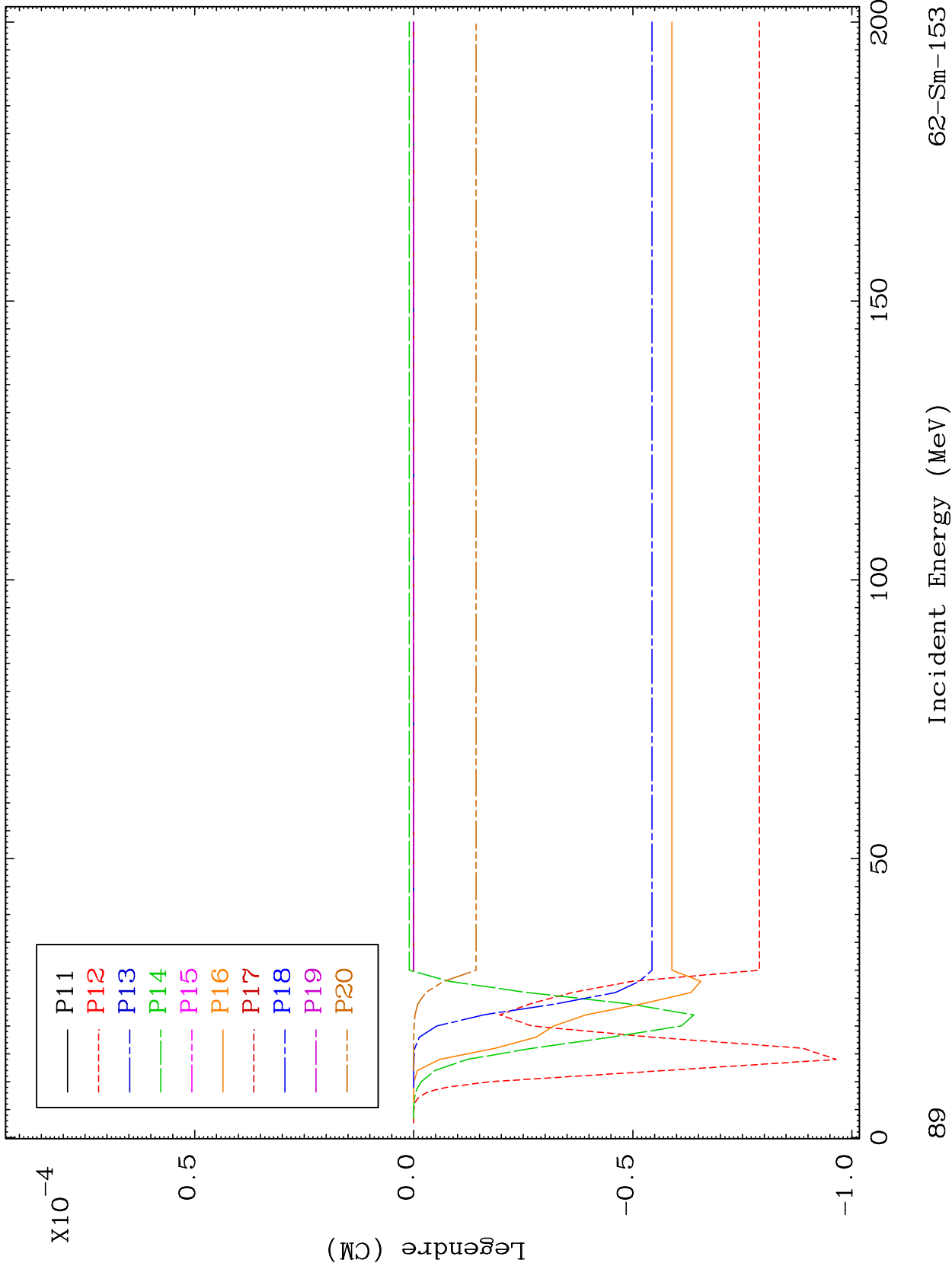
62-Sm-153



88

Incident Energy (MeV)

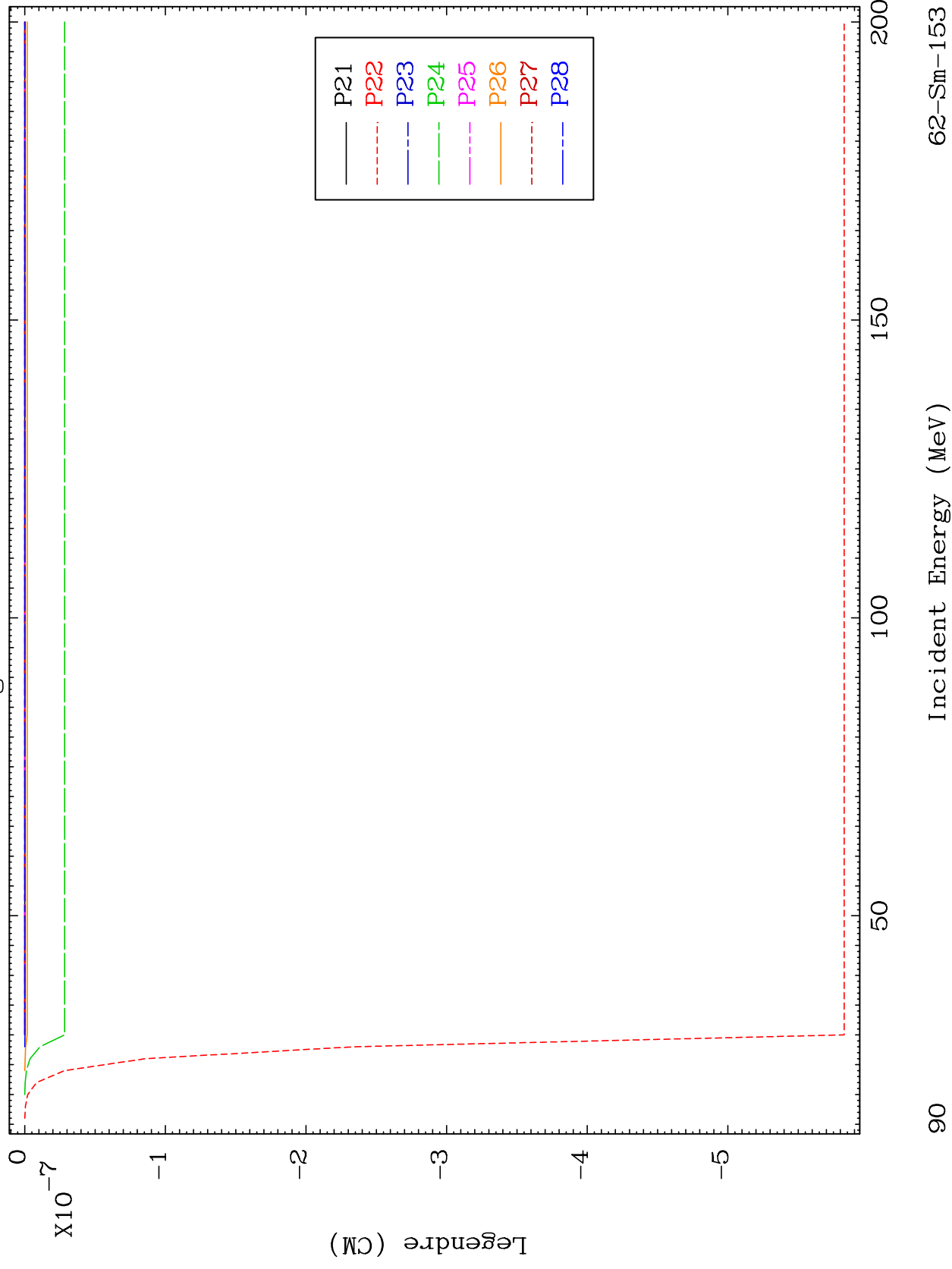
62-Sm-153



MAT 6252

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

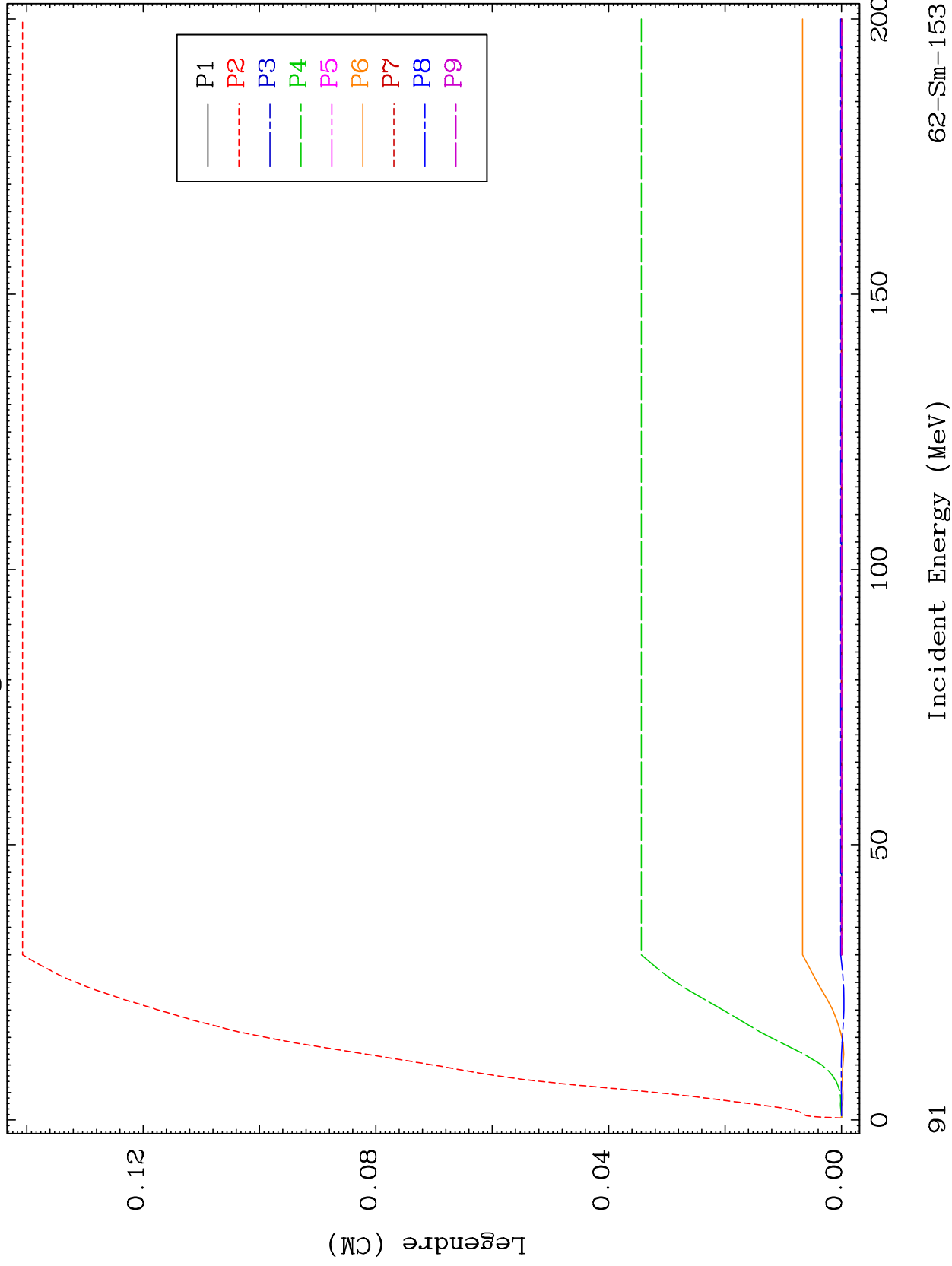
62-Sm-153



MAT 6252

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

62-Sm-153



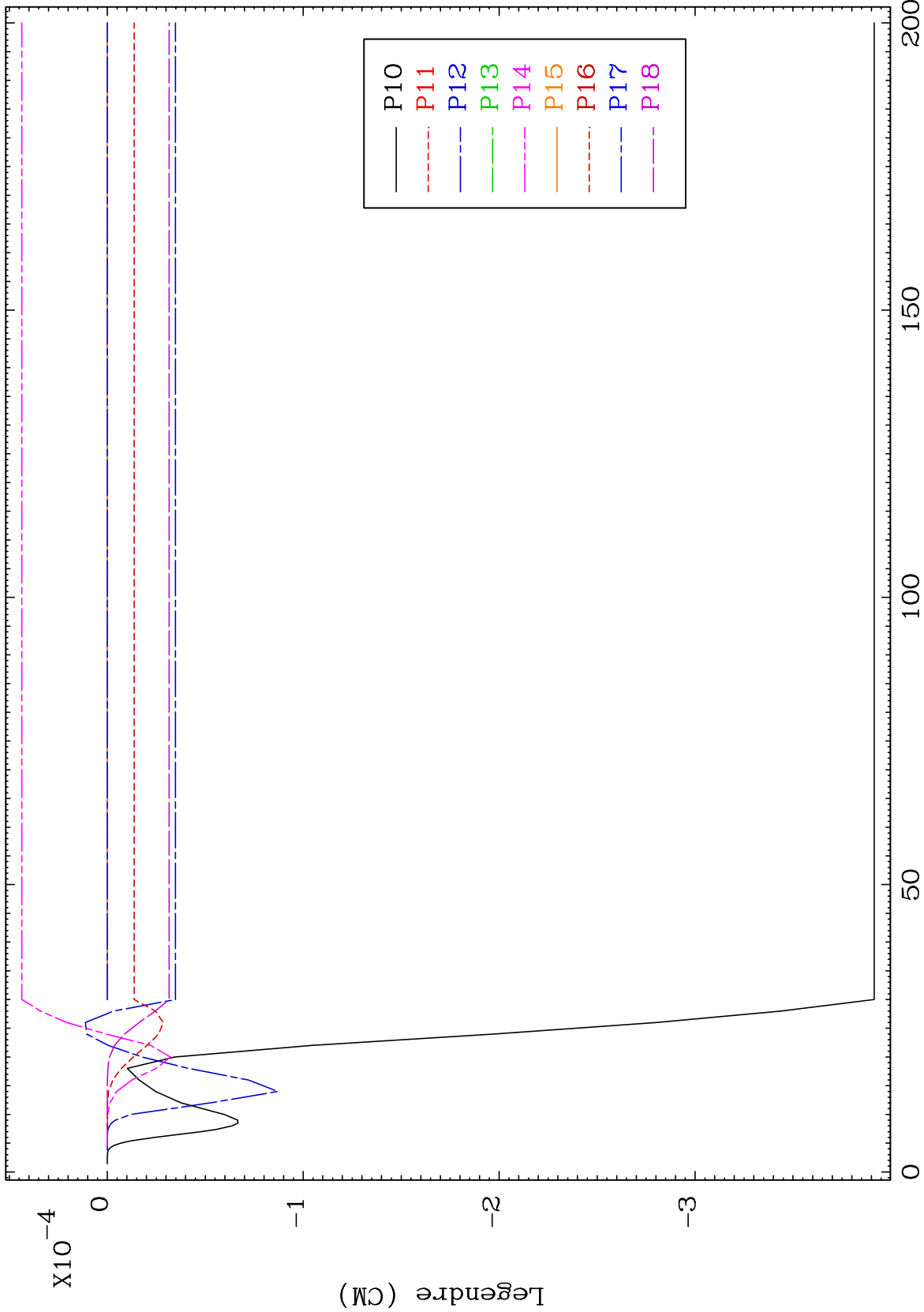
91

62-Sm-153

MAT 6252

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

62-Sm-153



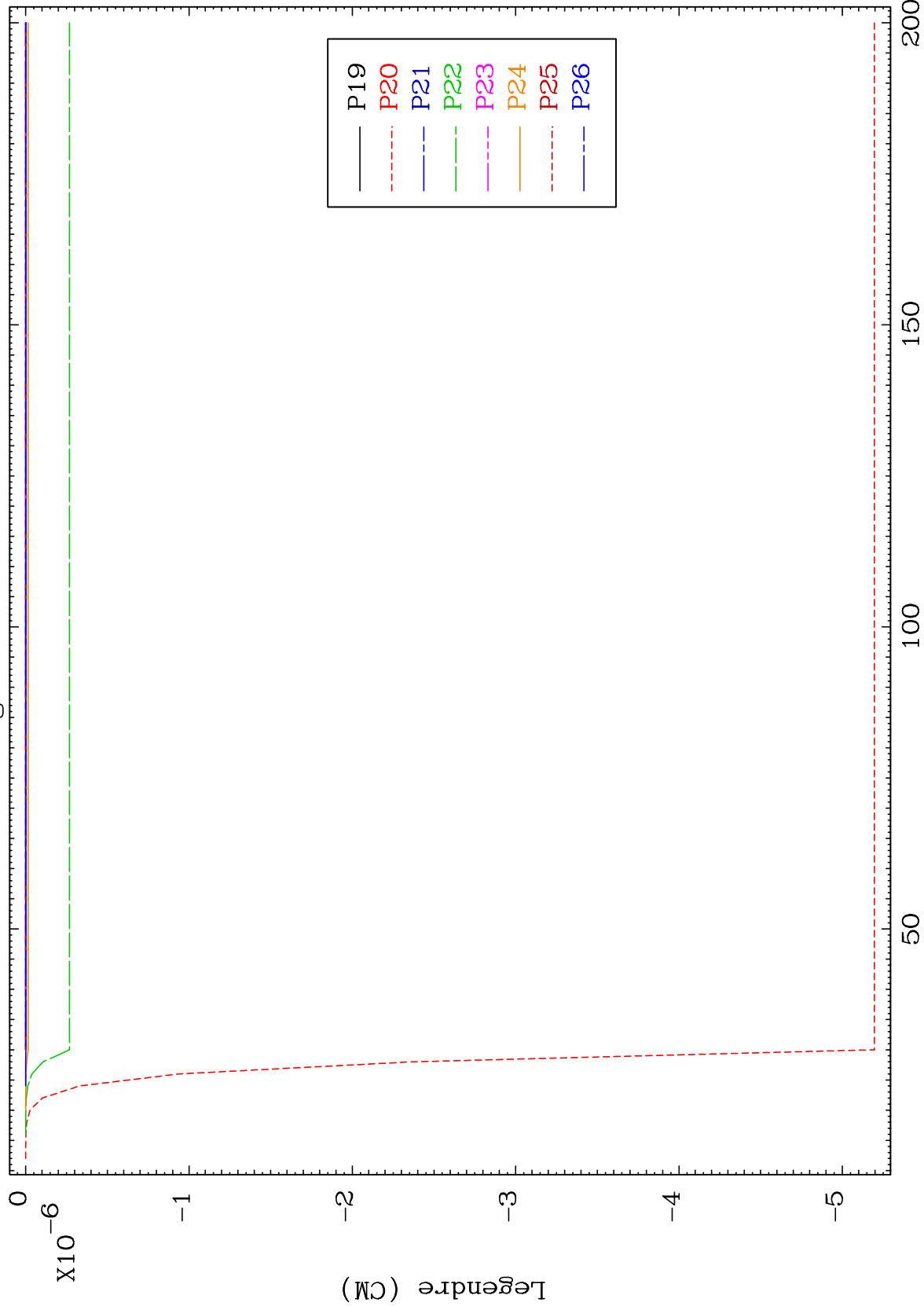
92

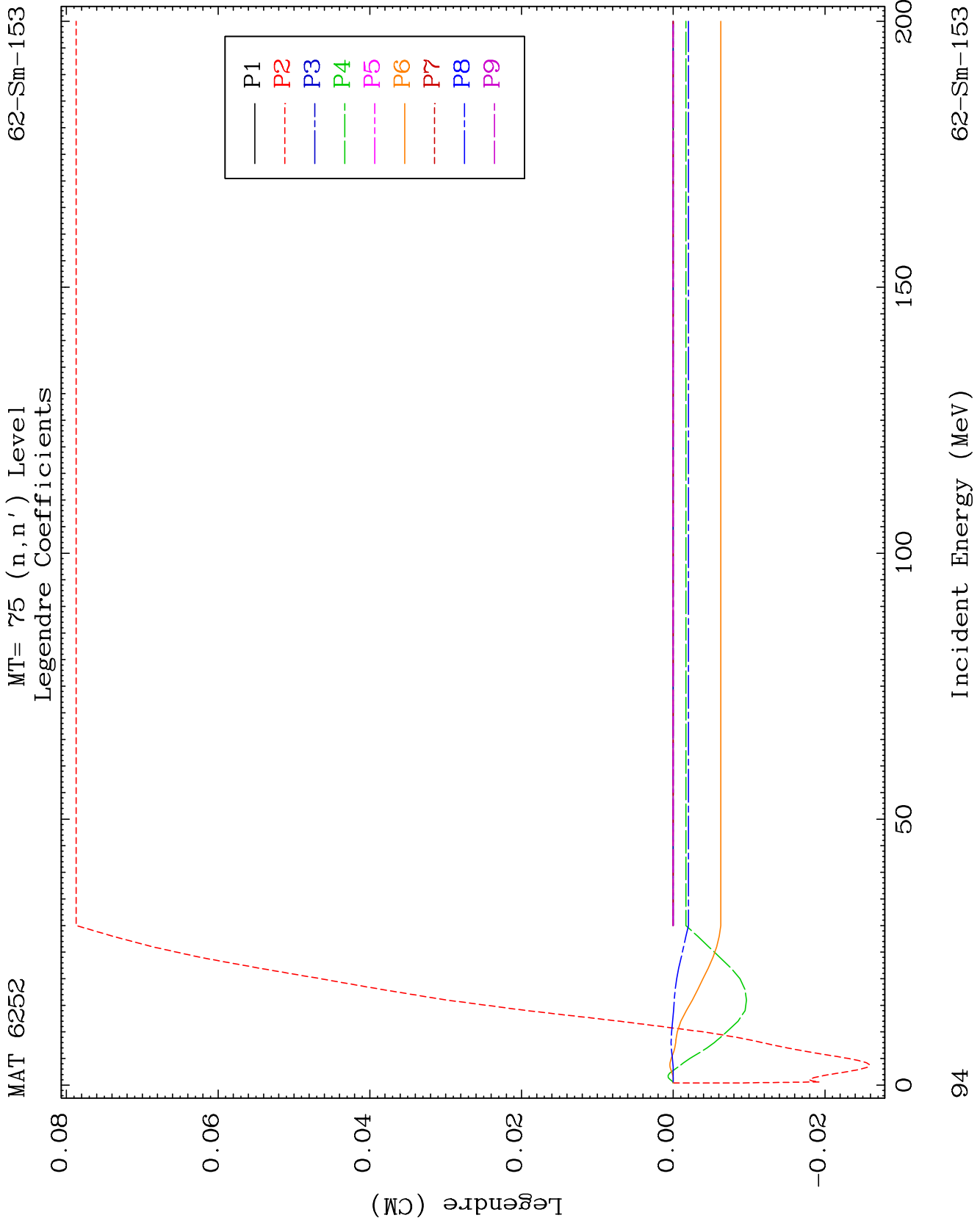
62-Sm-153

MAT 6252

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

62-Sm-153

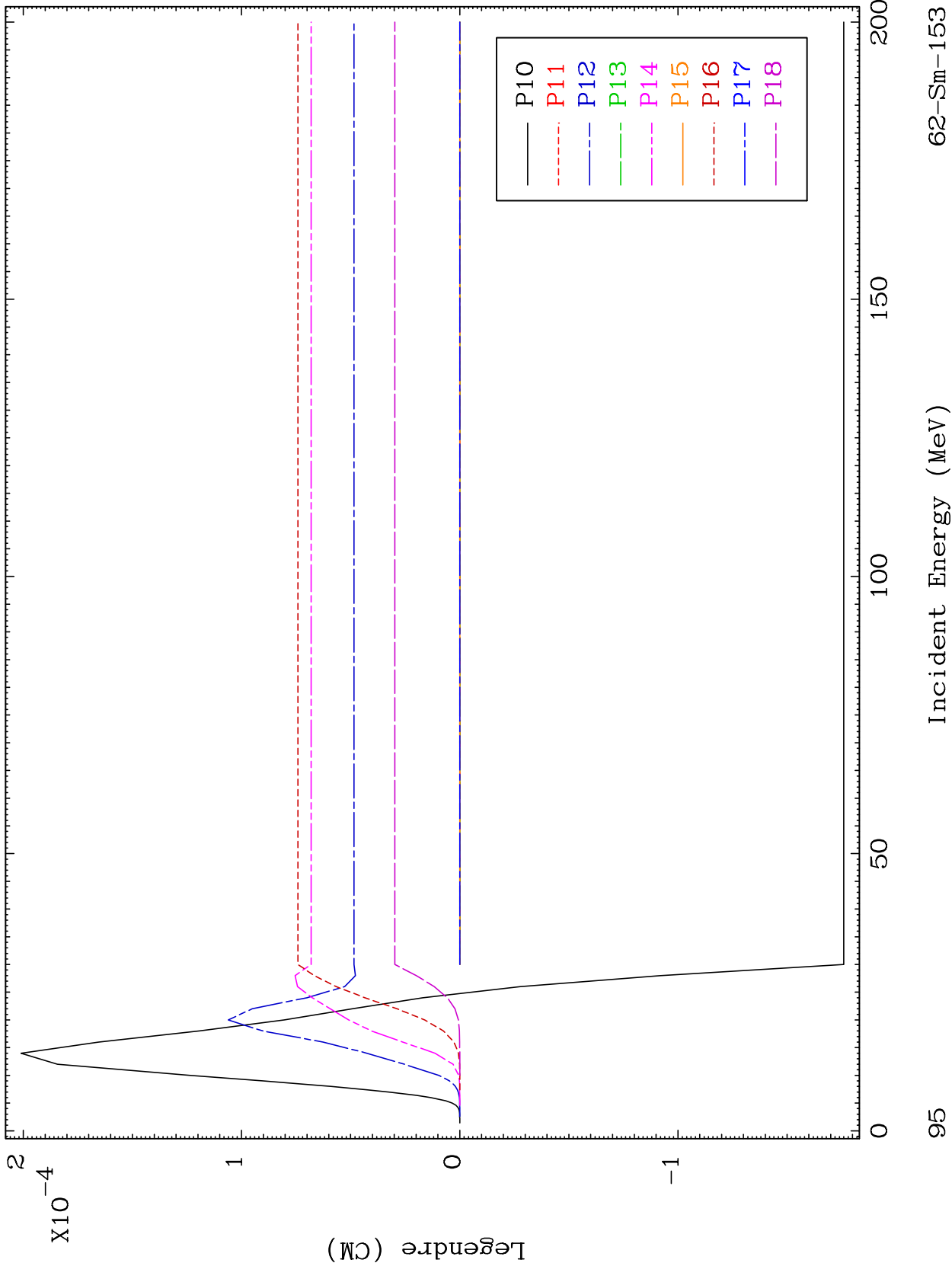




MAT 6252

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

62-Sm-153



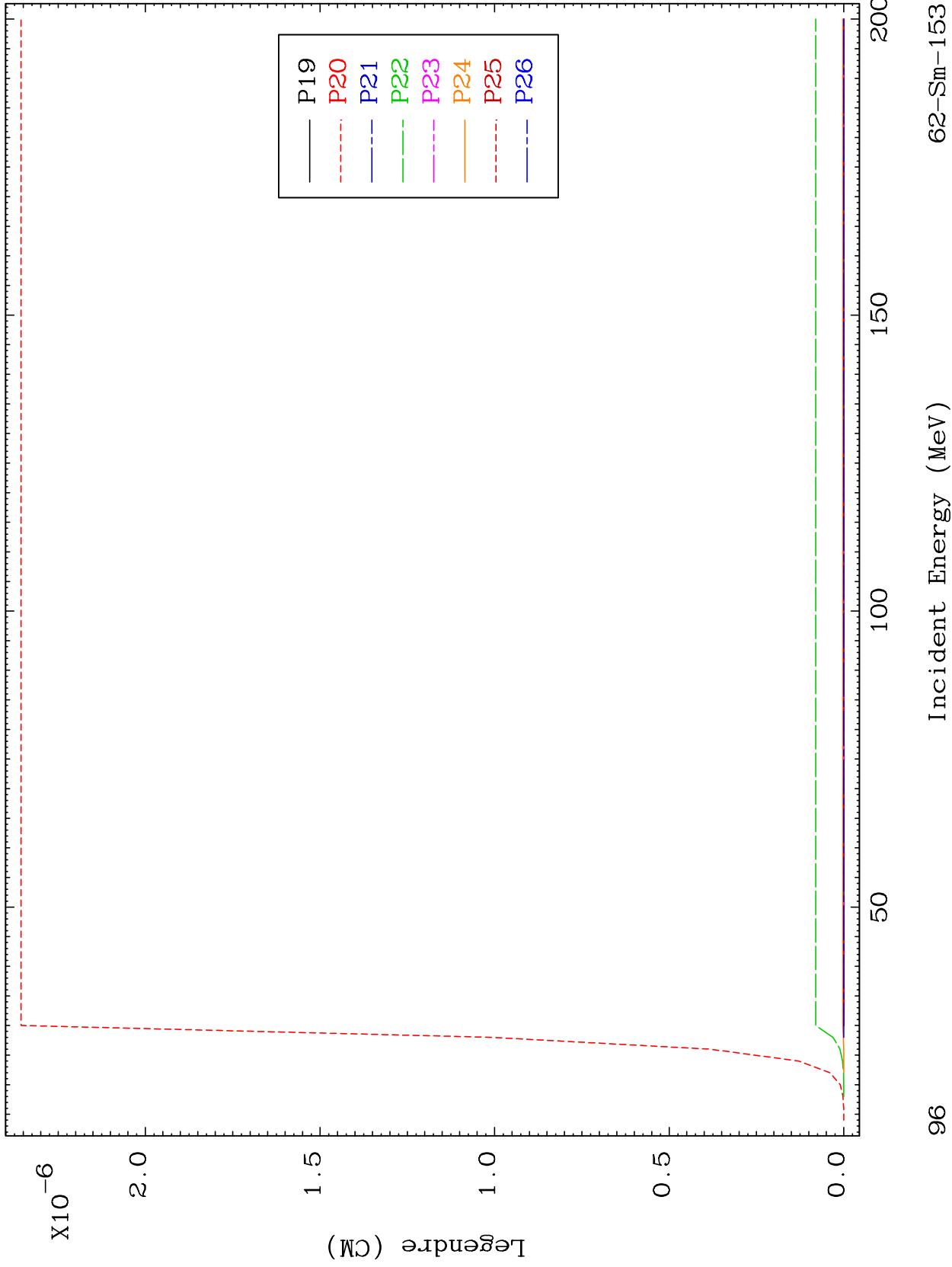
95

62-Sm-153

MAT 6252

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

62-Sm-153



96

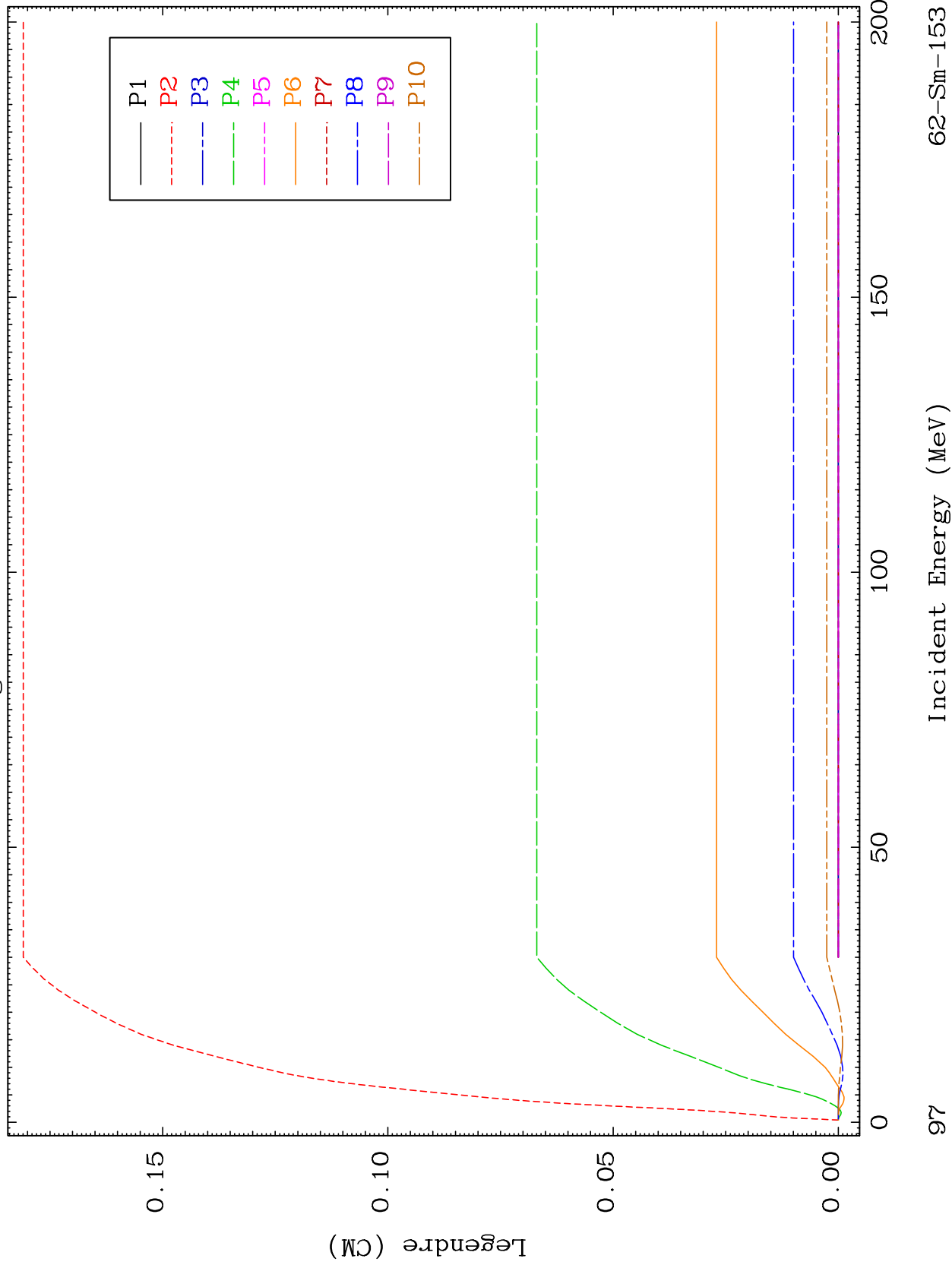
Incident Energy (MeV)

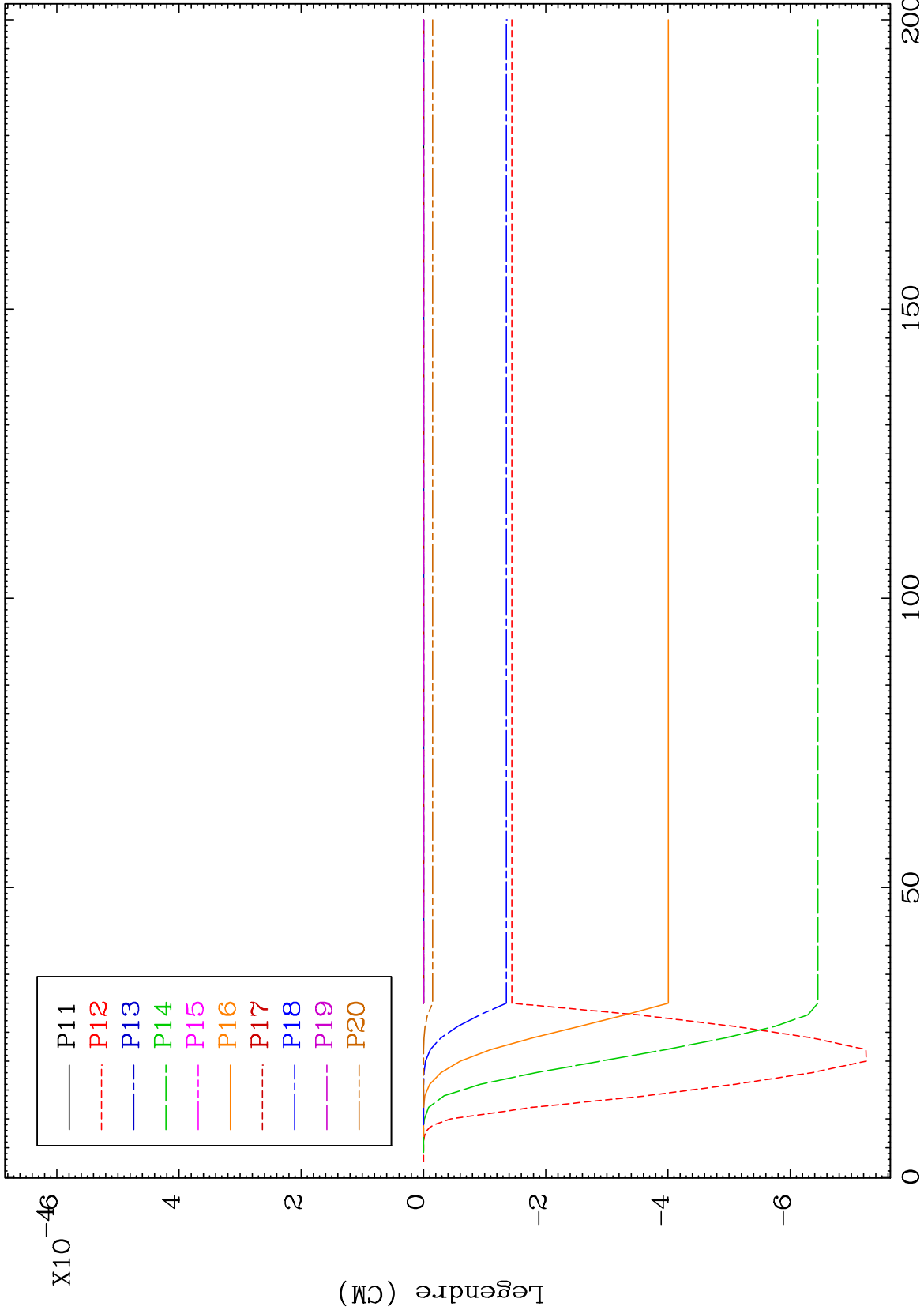
62-Sm-153

MAT 6252

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

62-Sm-153

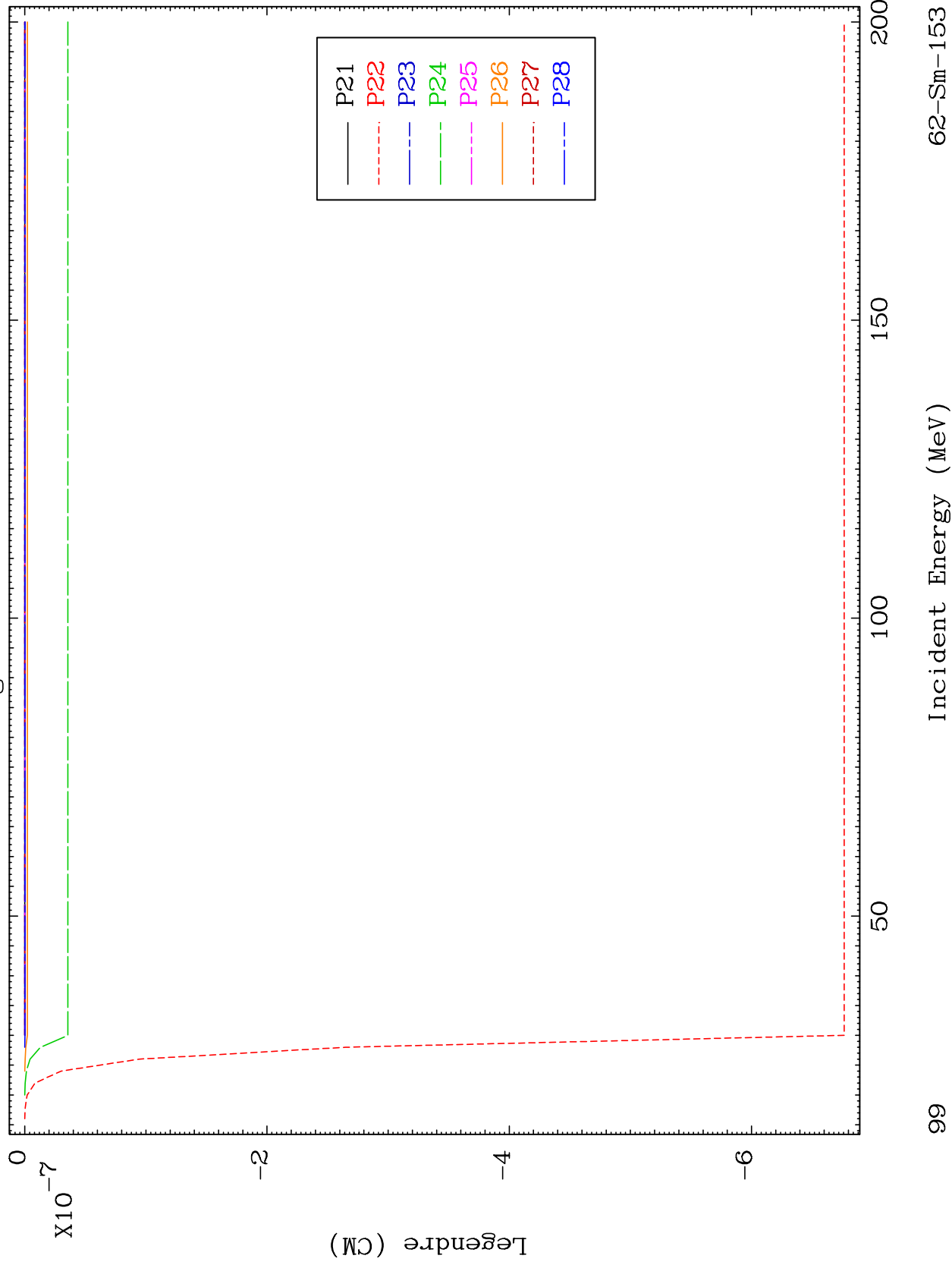




MAT 6252

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

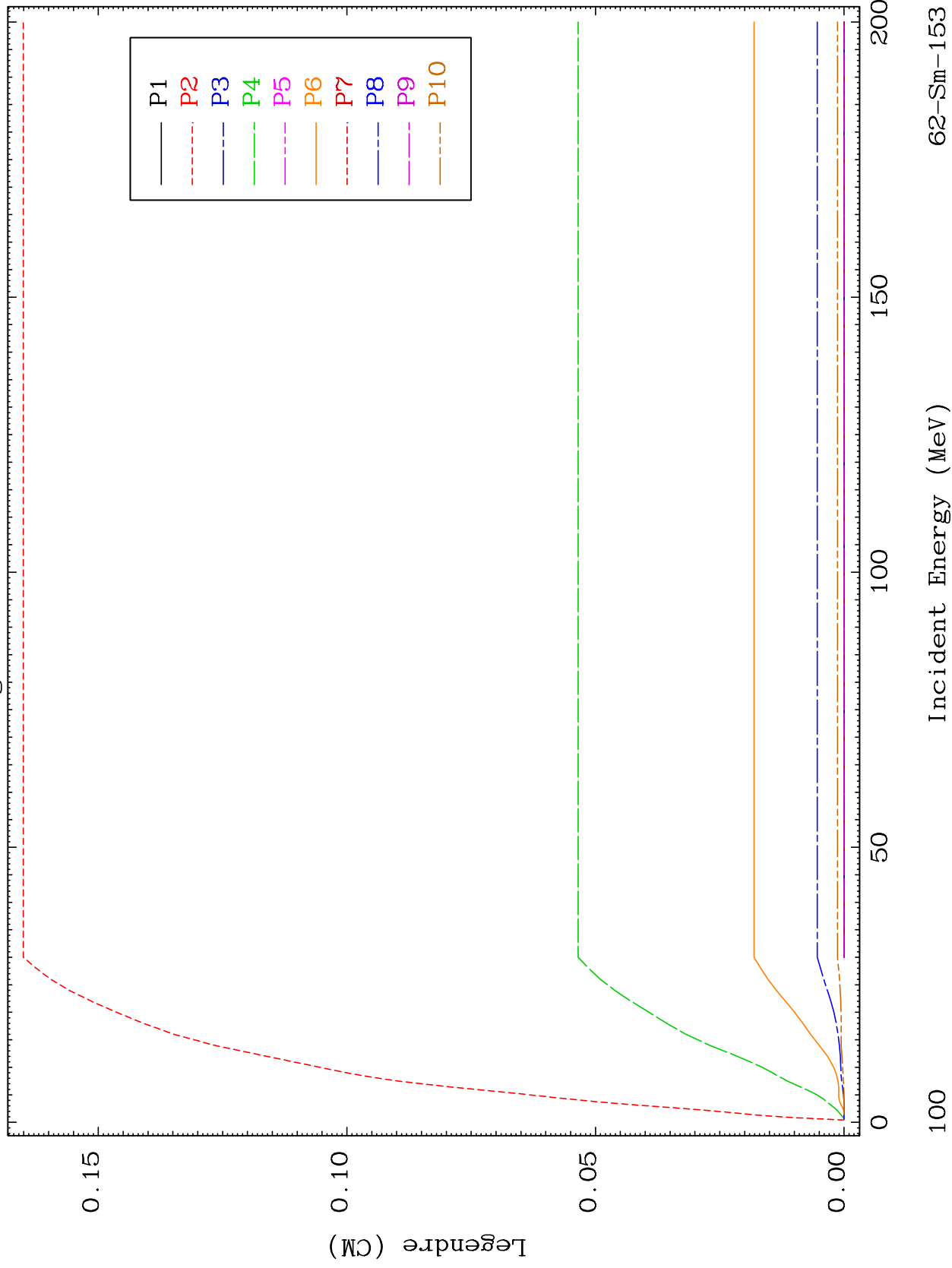
62-Sm-153



MAT 6252

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

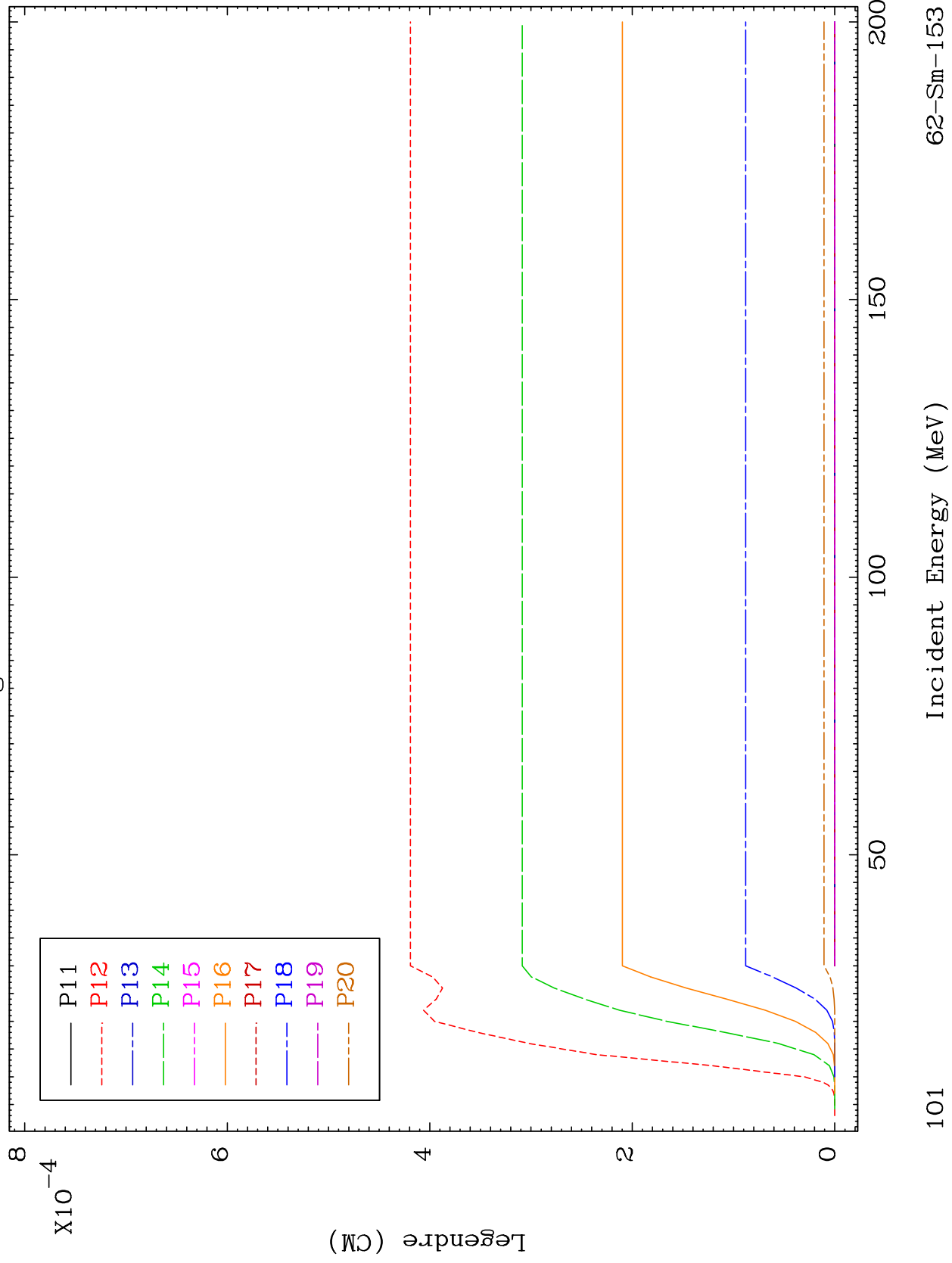
62-Sm-153



MAT 6252

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

62-Sm-153



101

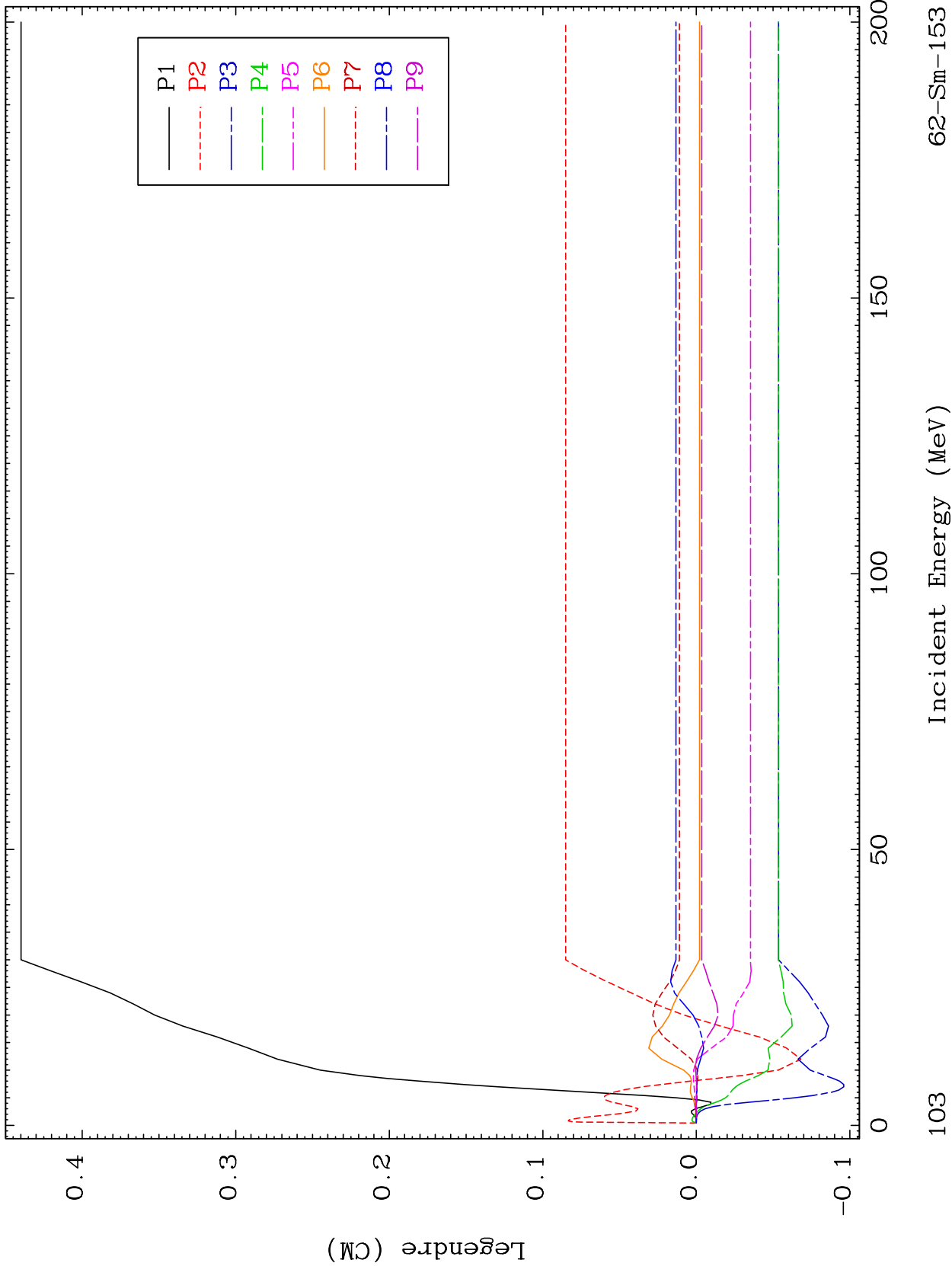
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

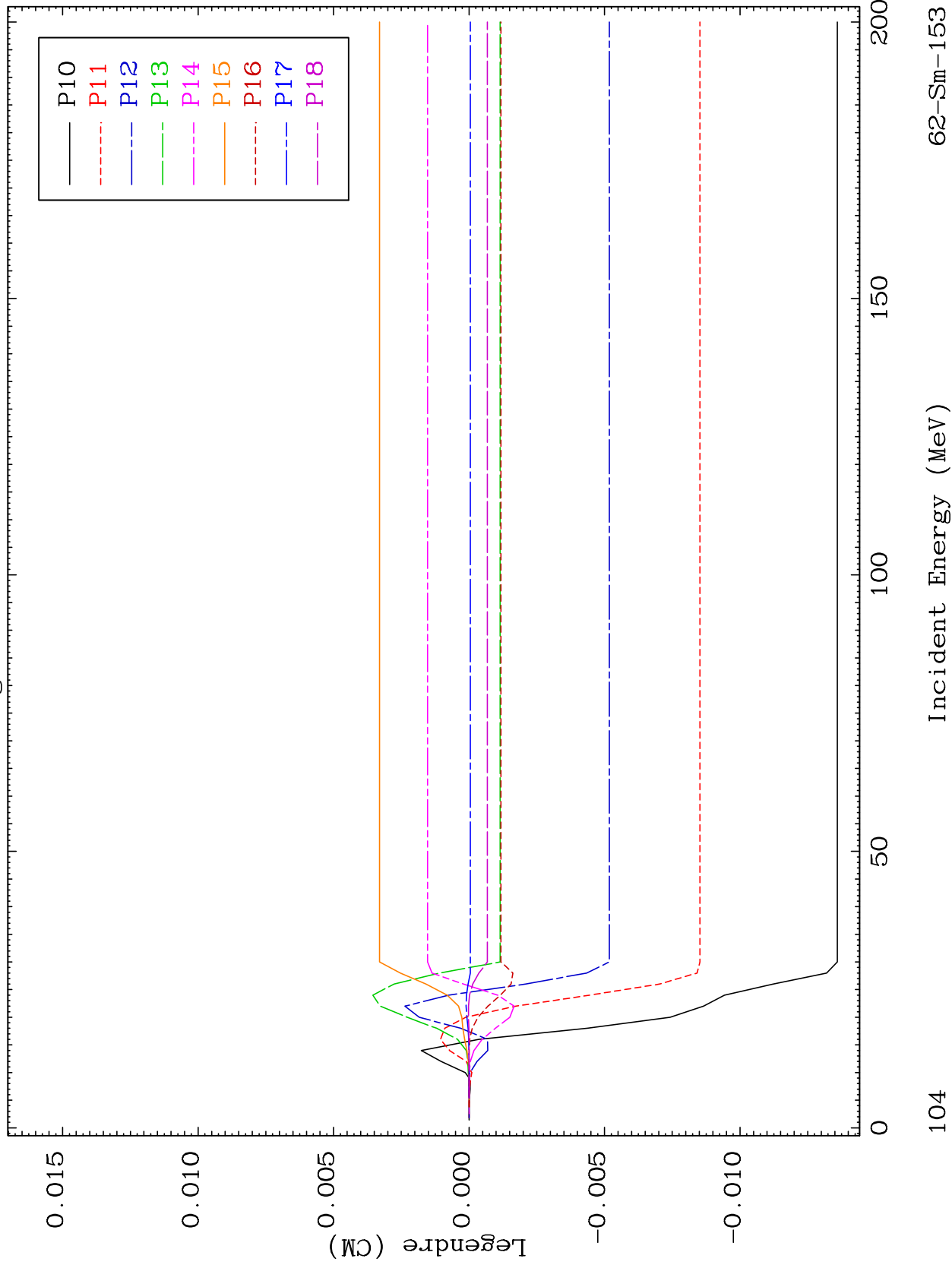
Incident Energy (MeV)

103

MAT 6252

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

62-Sm-153



104

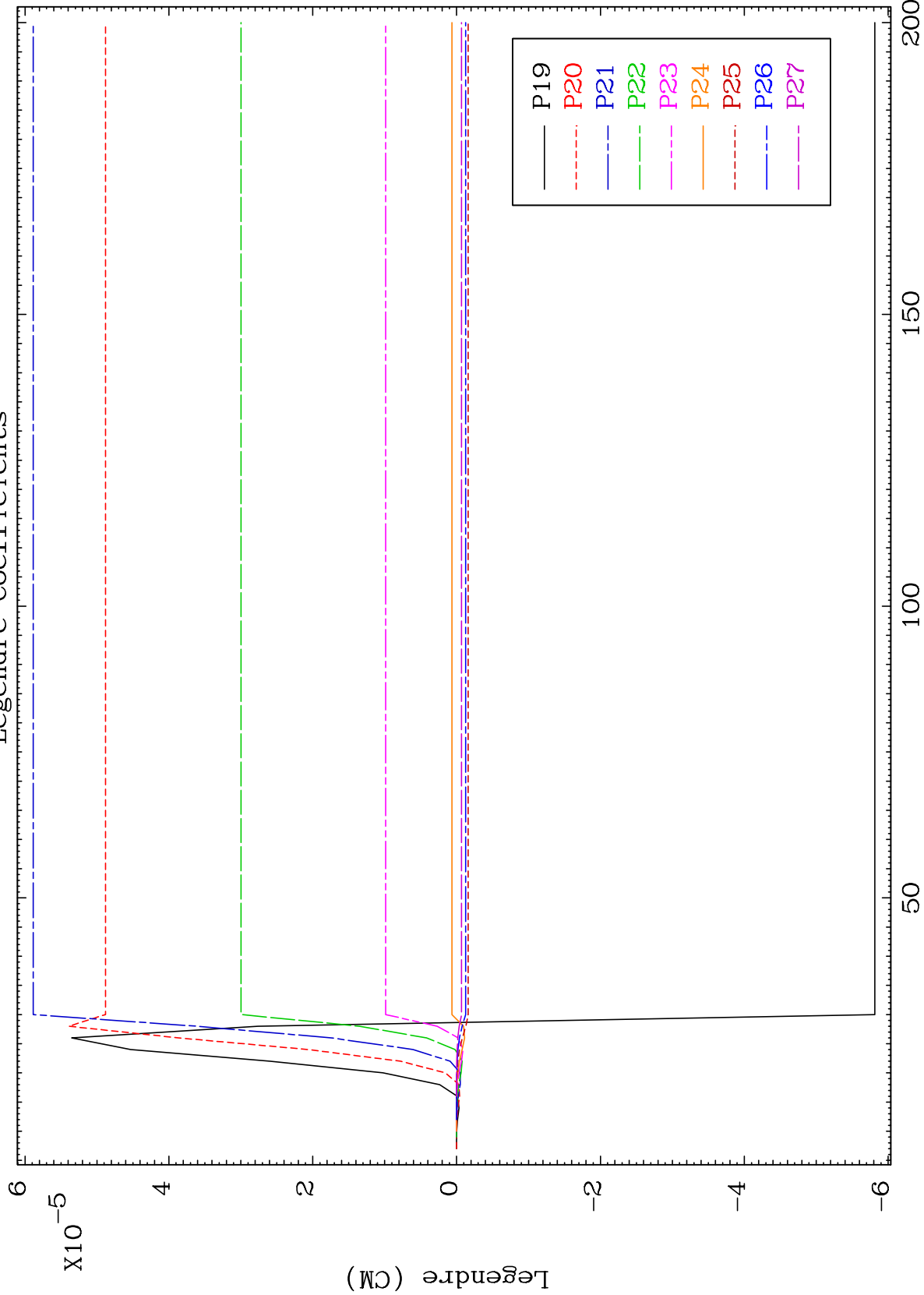
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

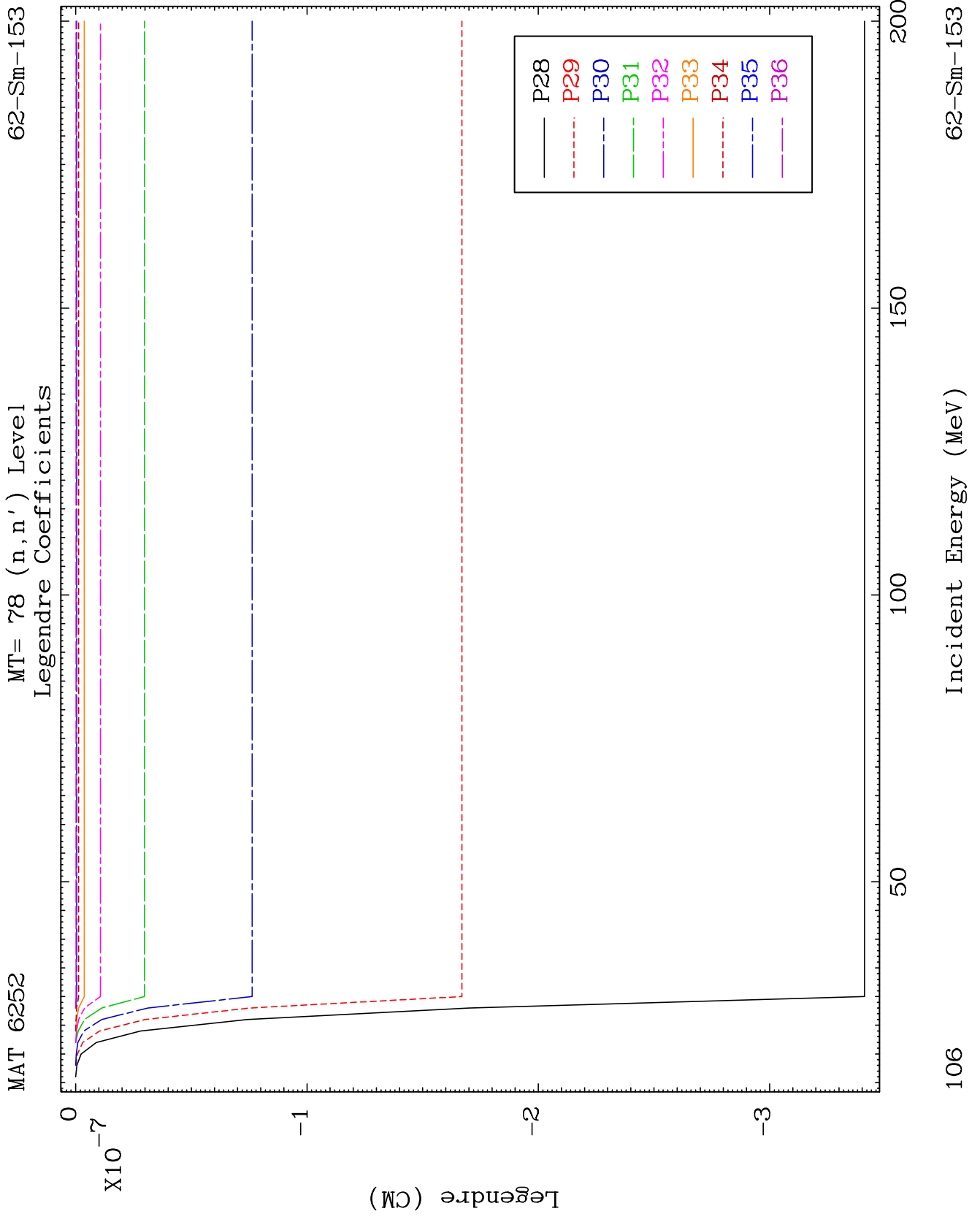
62-Sm-153



105

Incident Energy (MeV)

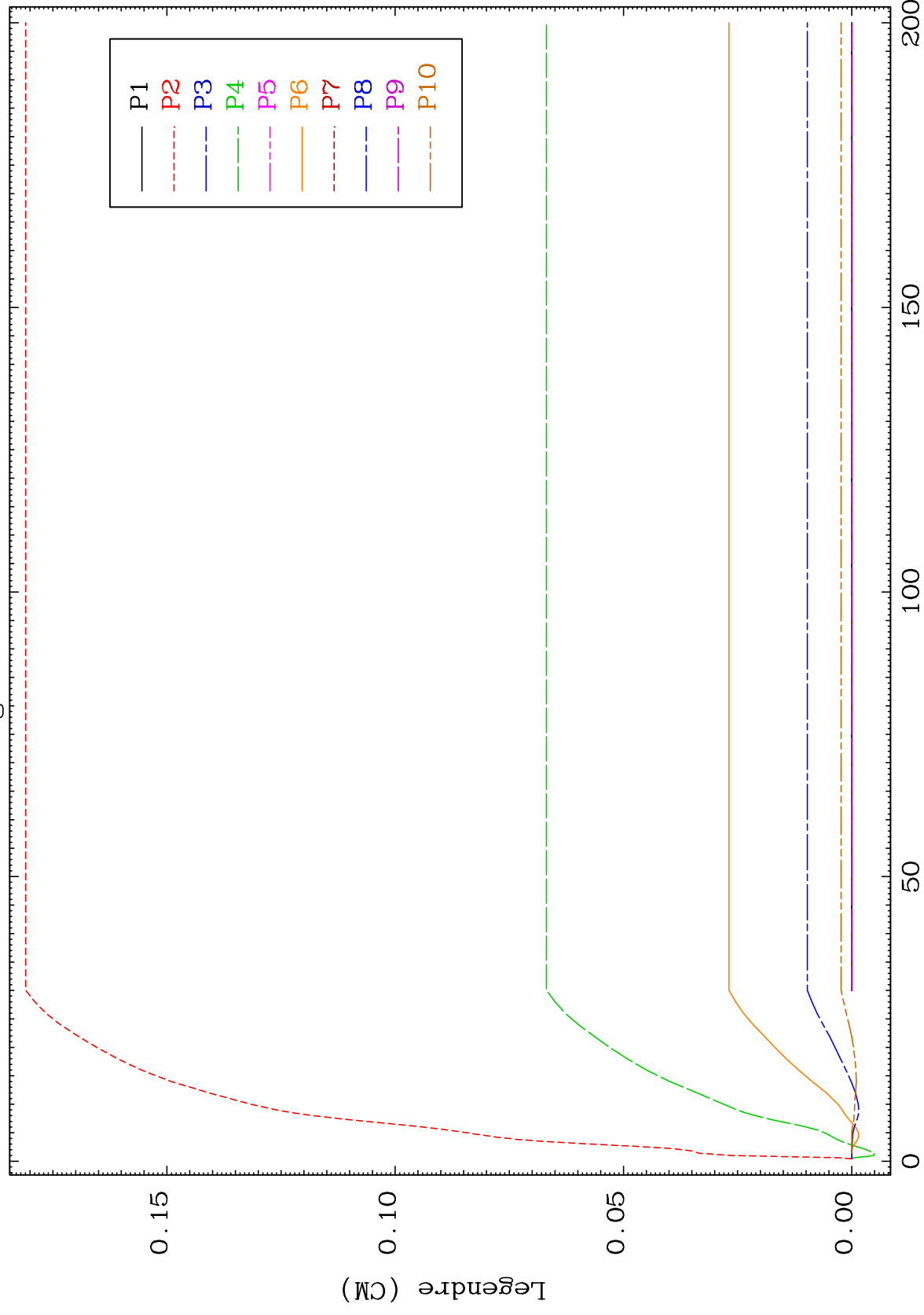
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

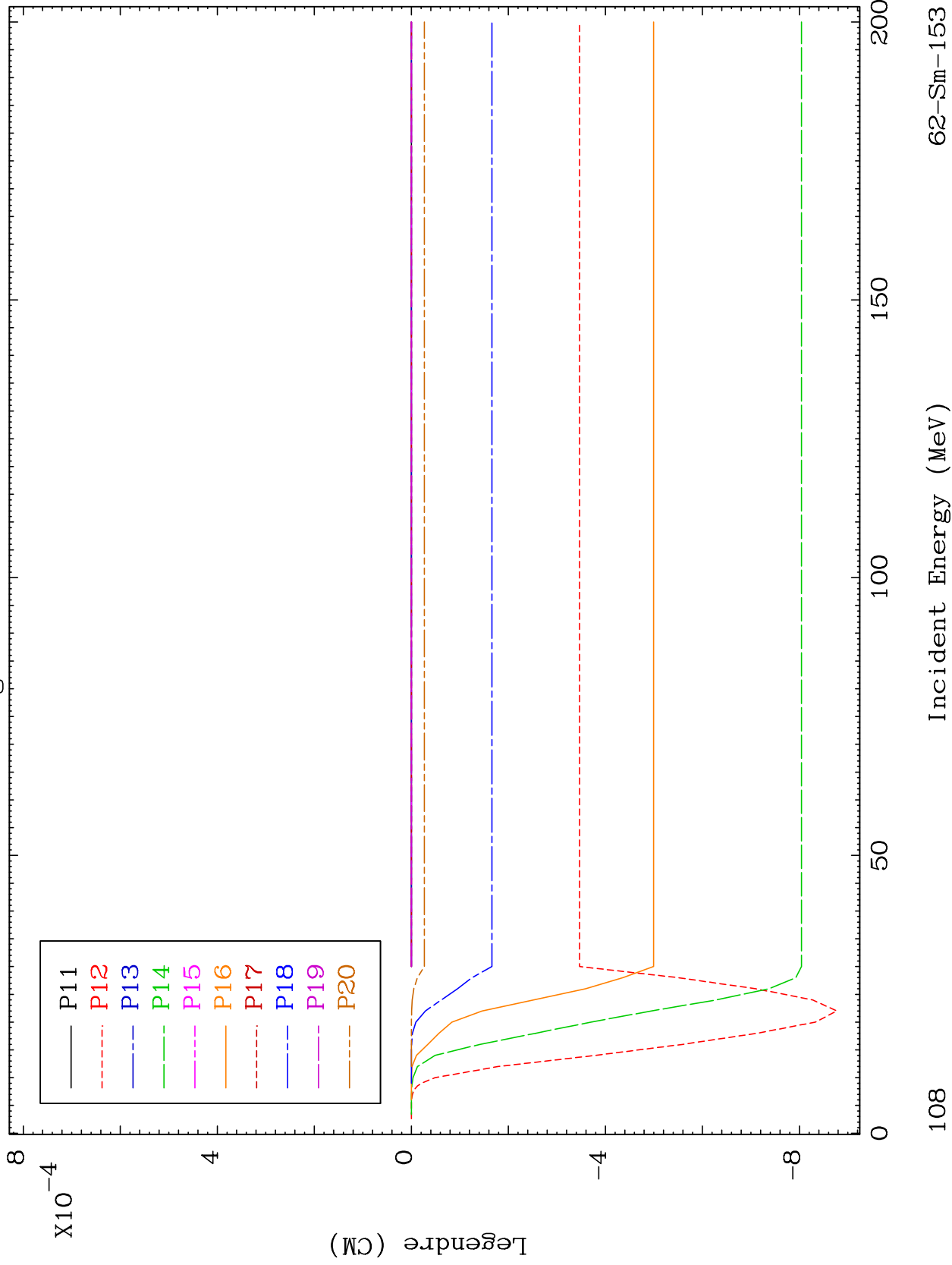
Incident Energy (MeV)

107

MAT 6252

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

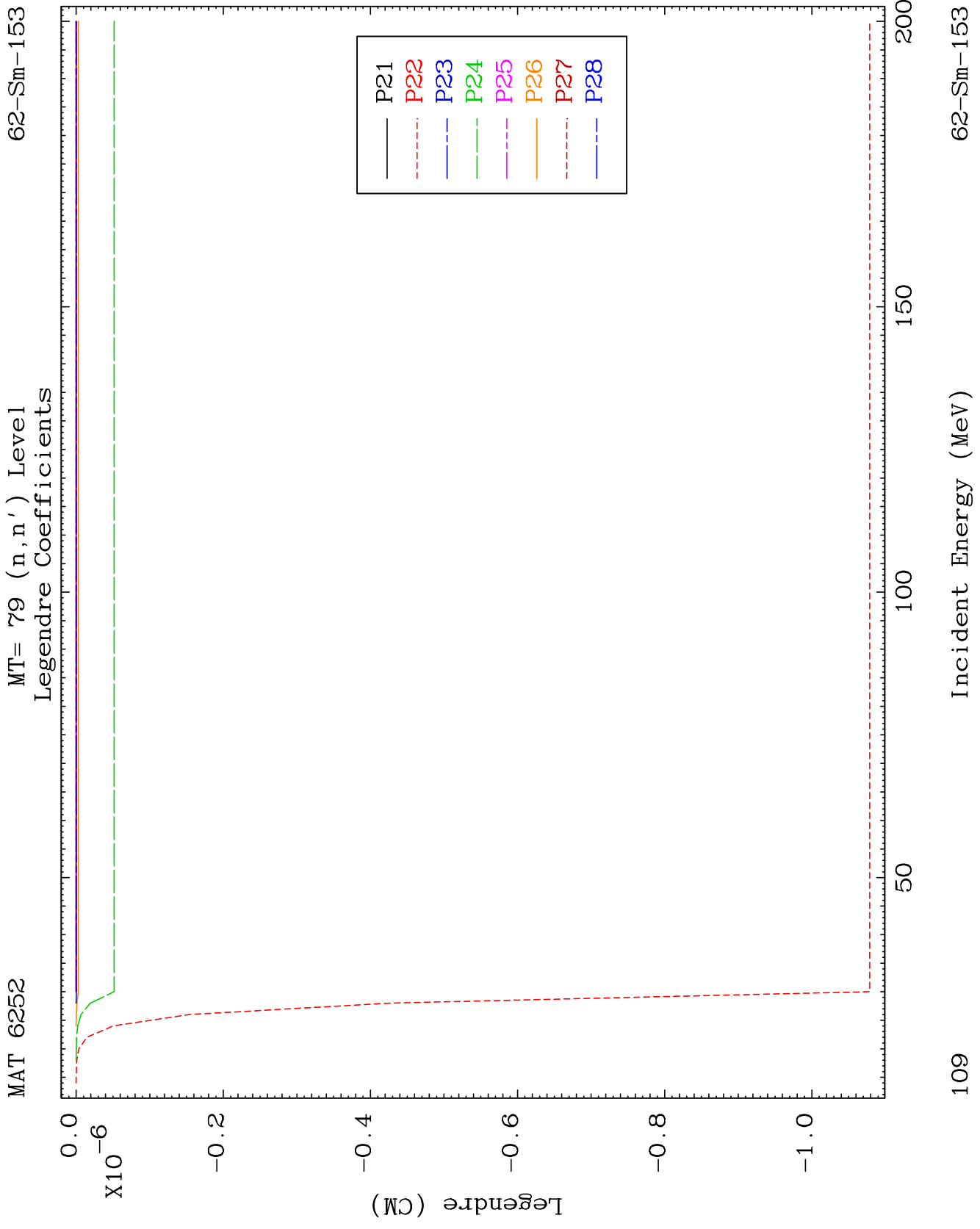
62-Sm-153



108

Incident Energy (MeV)

62-Sm-153

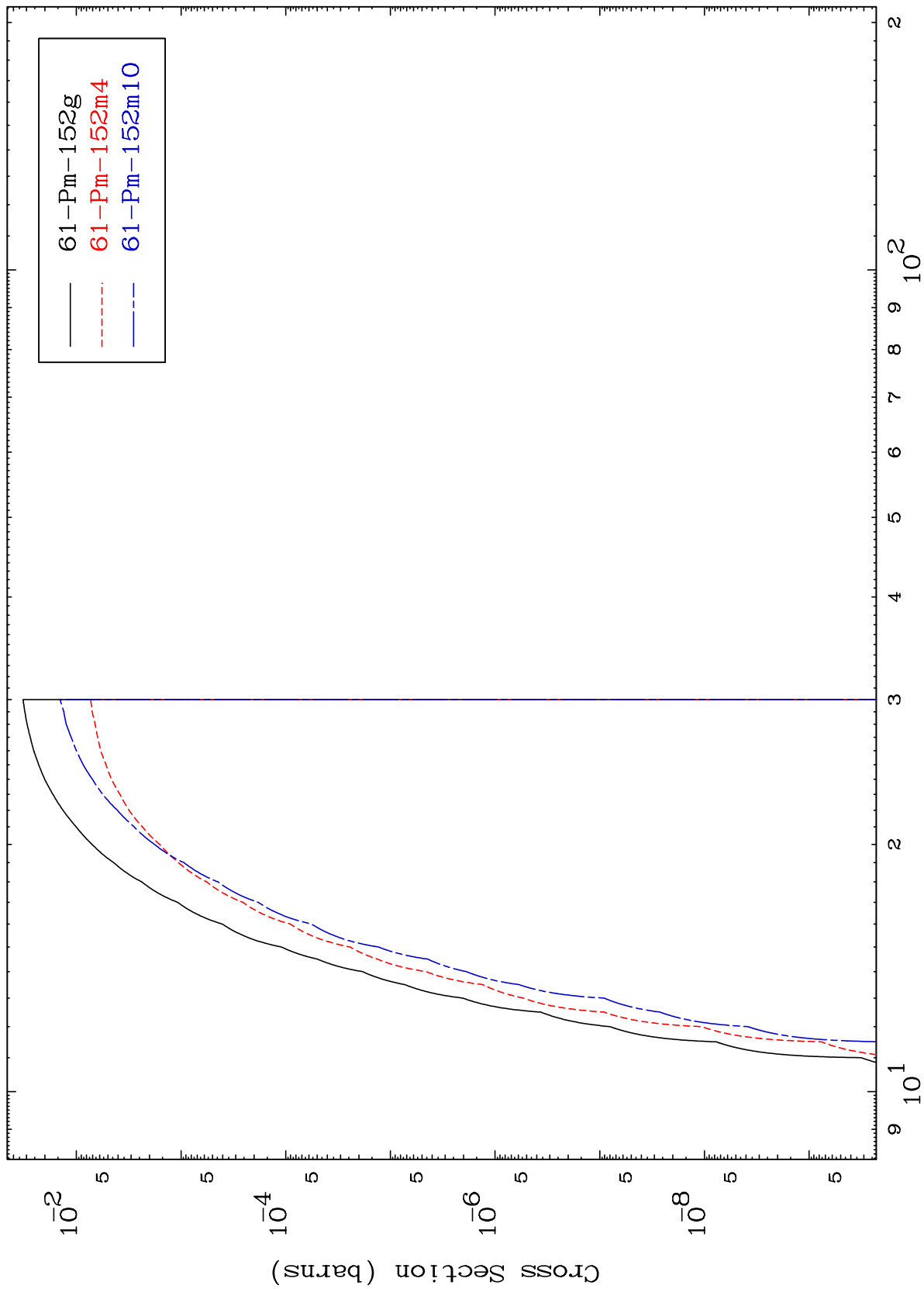


MAT 6252

(n,n') p

62-Sm-153

Radionuclide Production Cross Section



110

Incident Energy (MeV)

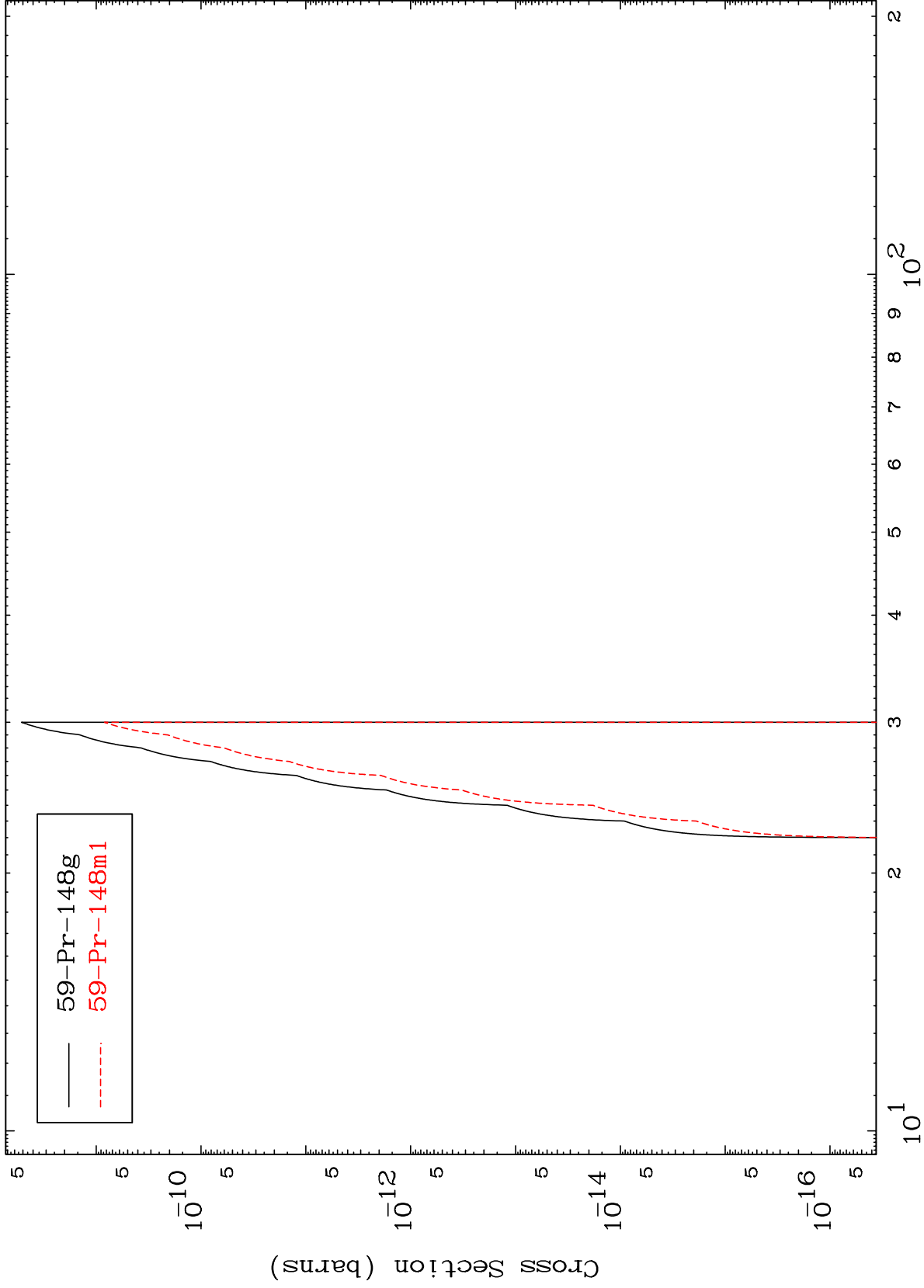
62-Sm-153

MAT 6252

(n,n') p α

62-Sm-153

Radionuclide Production Cross Section



111

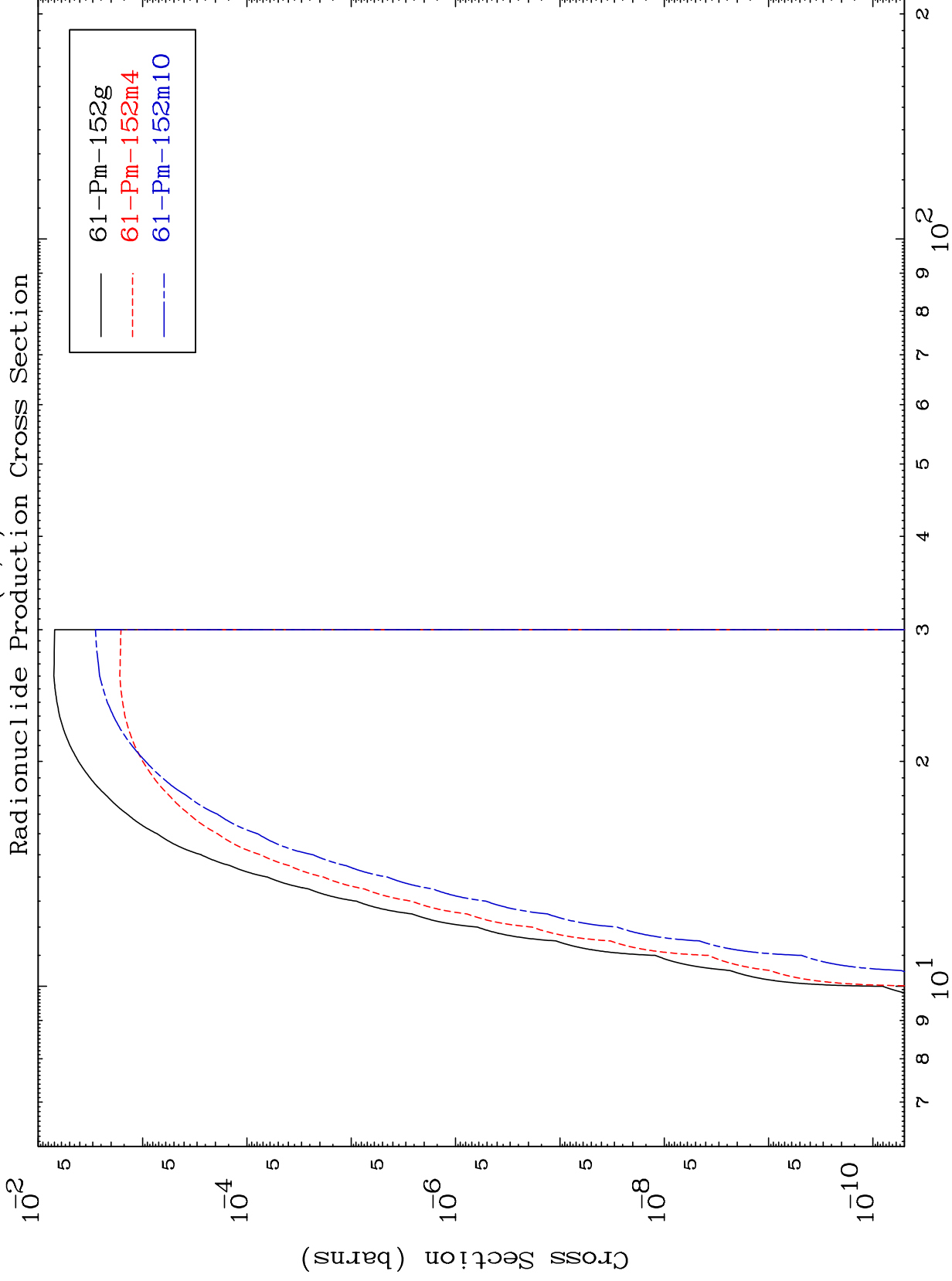
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,d)

62-Sm-153



112

Incident Energy (MeV)

62-Sm-153