

Program EVALPLOT
(Version 2021-1)

by

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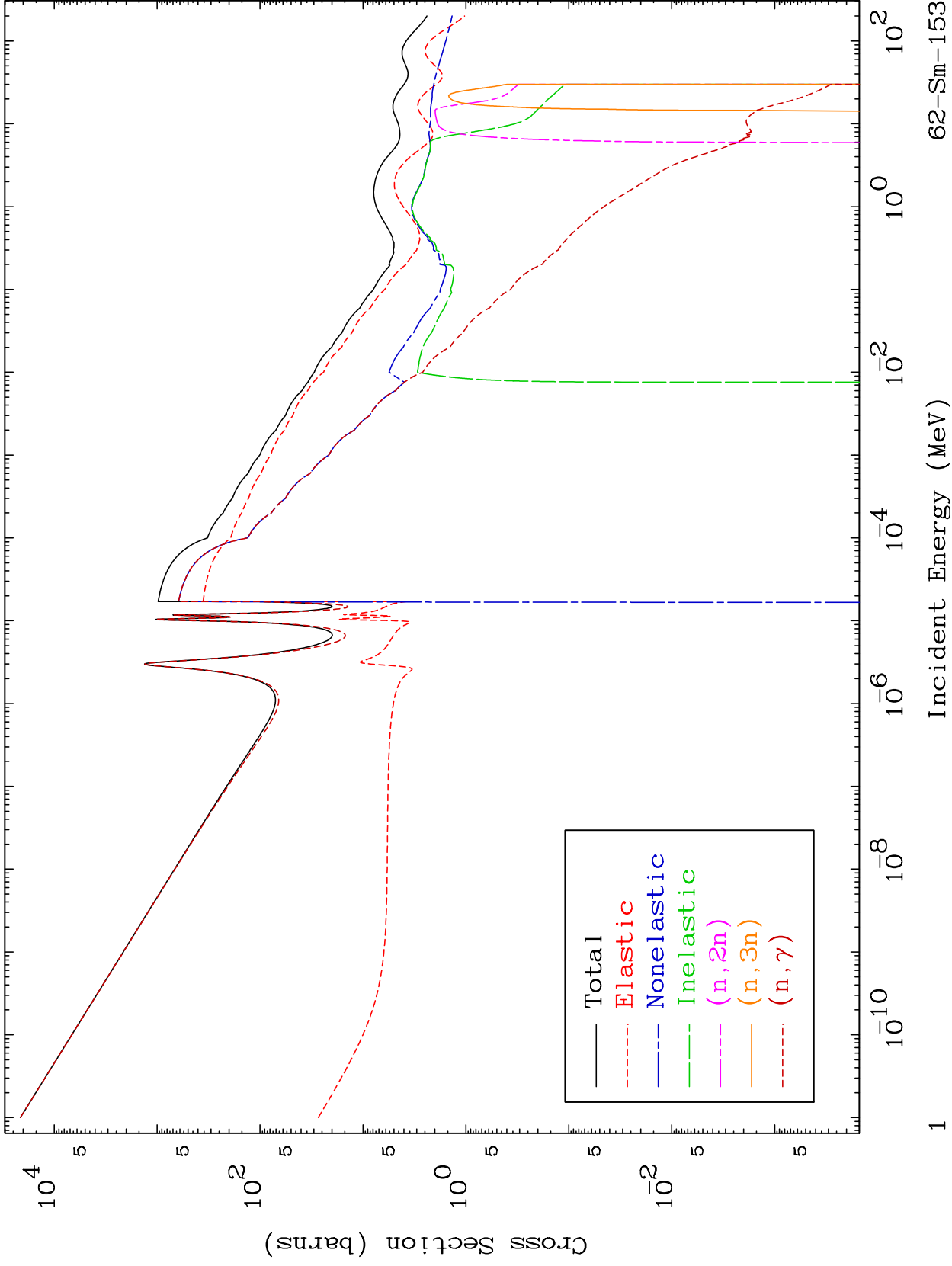
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Press Mouse Button to Start

MAT 6252

Neutron Major
293 Kelvin Cross Sections

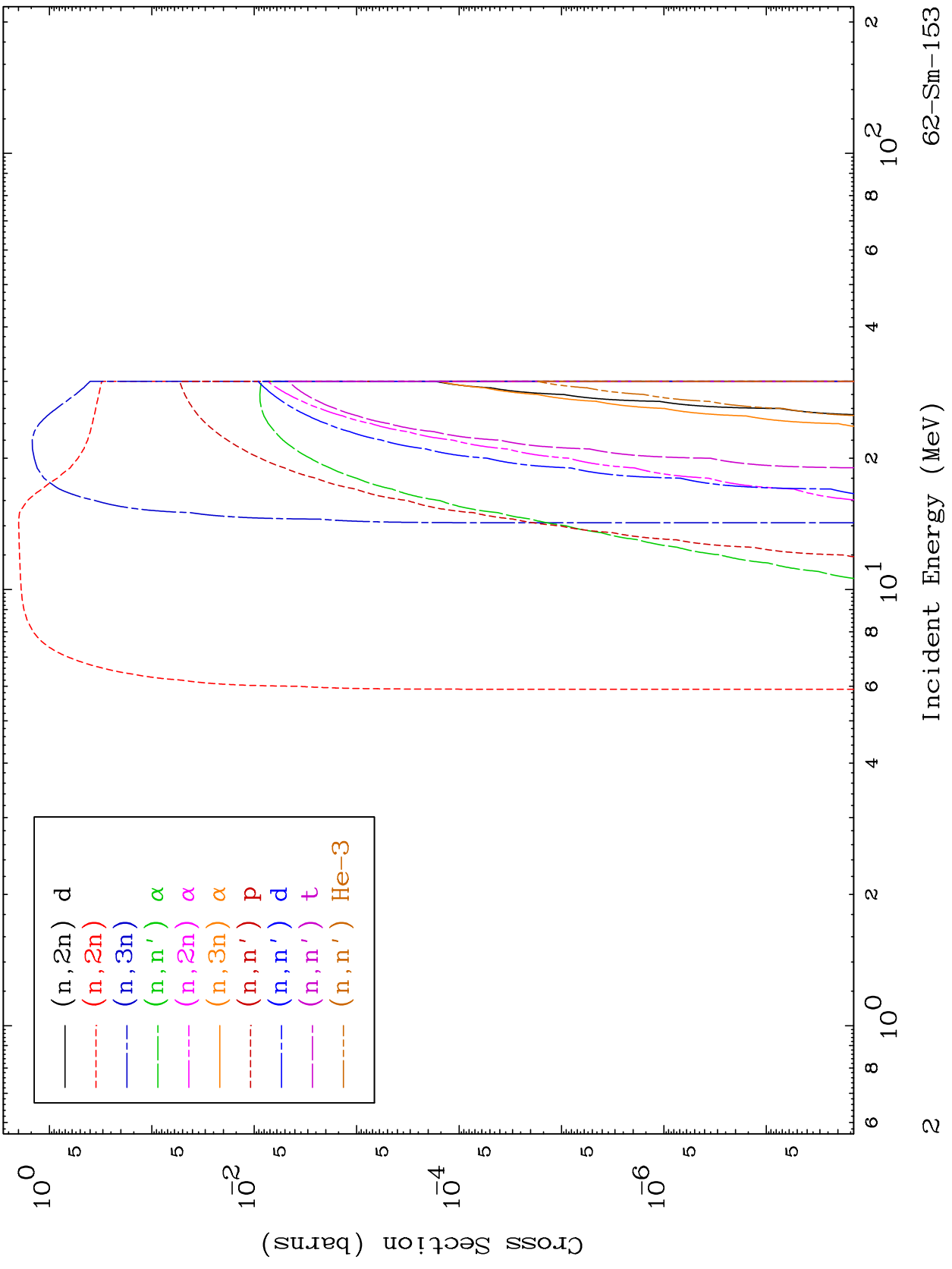
62-Sm-153



MAT 6252

Neutron Absorption
293 Kelvin Cross Sections

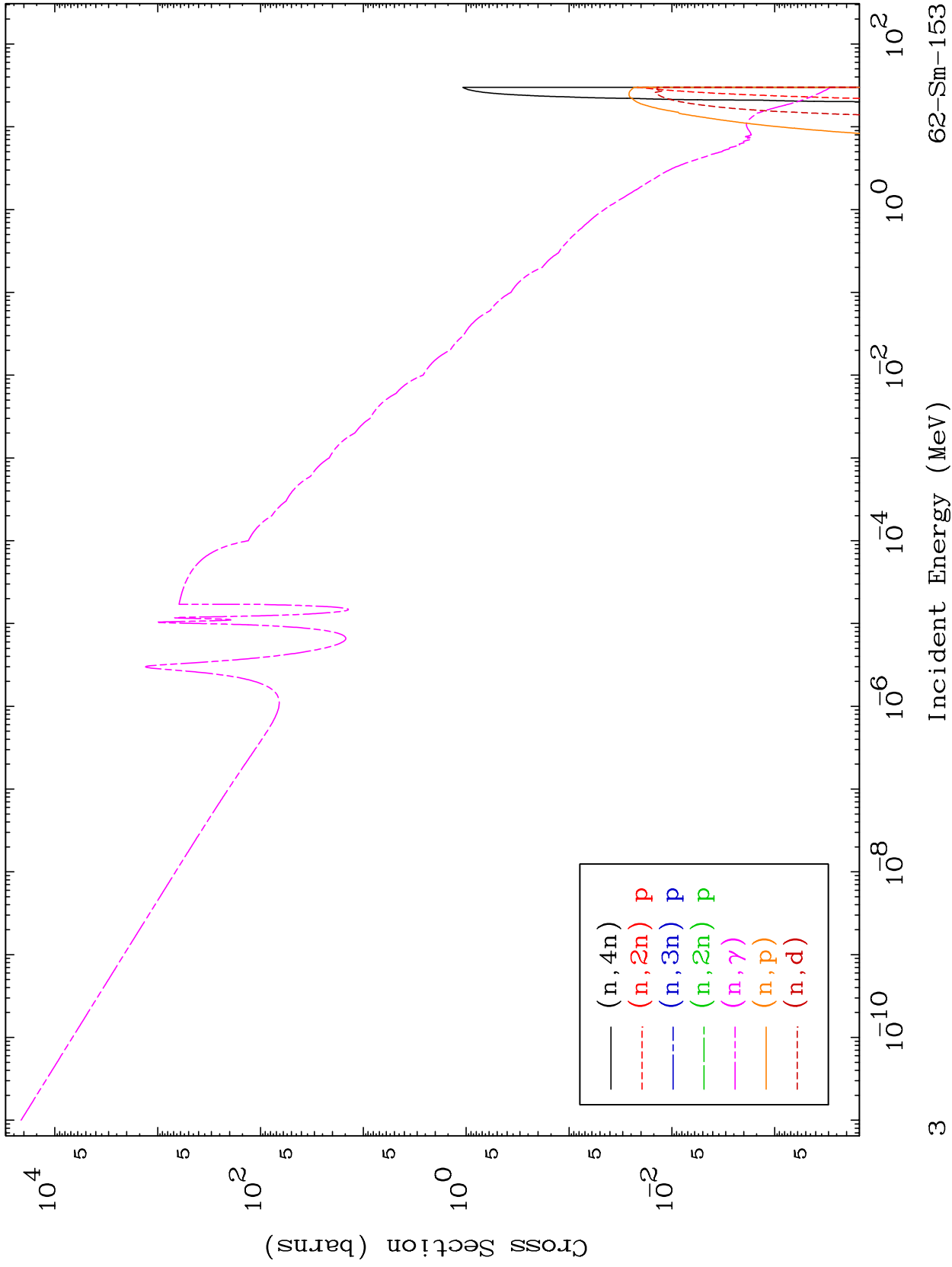
62-Sm-153



MAT 6252

Neutron Absorption
293 Kelvin Cross Sections

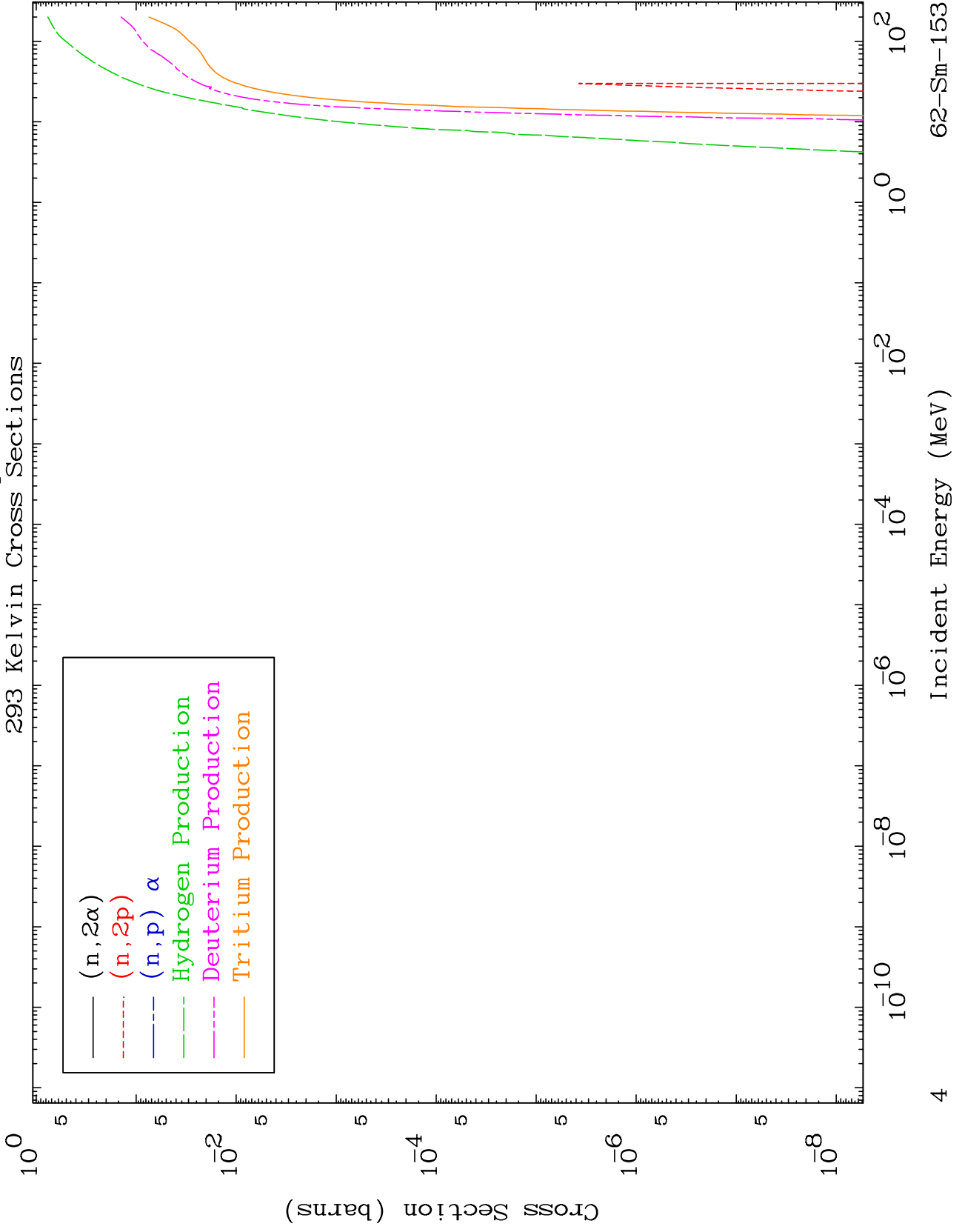
62-Sm-153



MAT 6252

Neutron Absorption
293 Kelvin Cross Sections

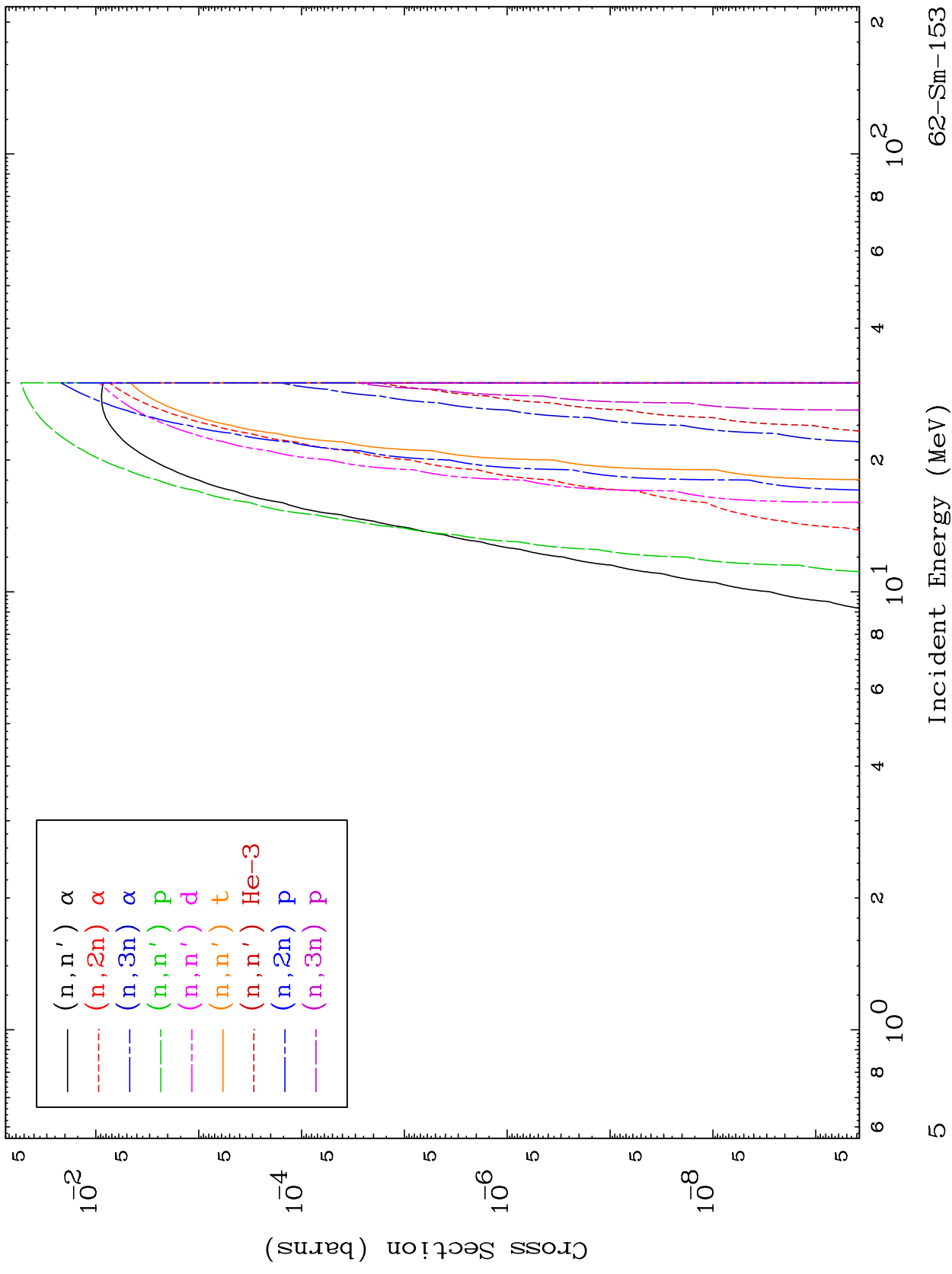
62-Sm-153



MAT 6252

Charged Particle
293 Kelvin Cross Sections

62-Sm-153



5

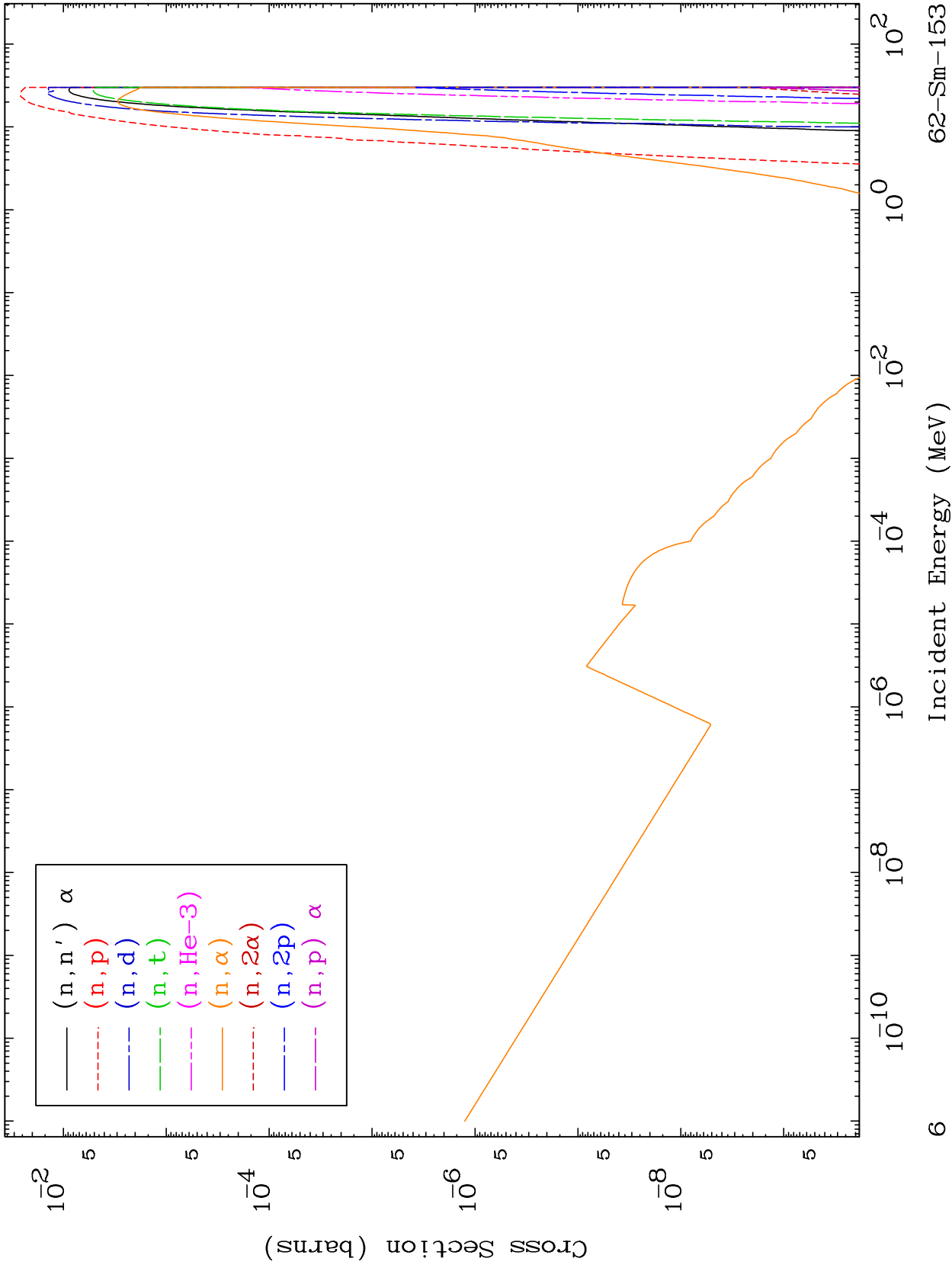
Incident Energy (MeV)

62-Sm-153

MAT 6252

Charged Particle
293 Kelvin Cross Sections

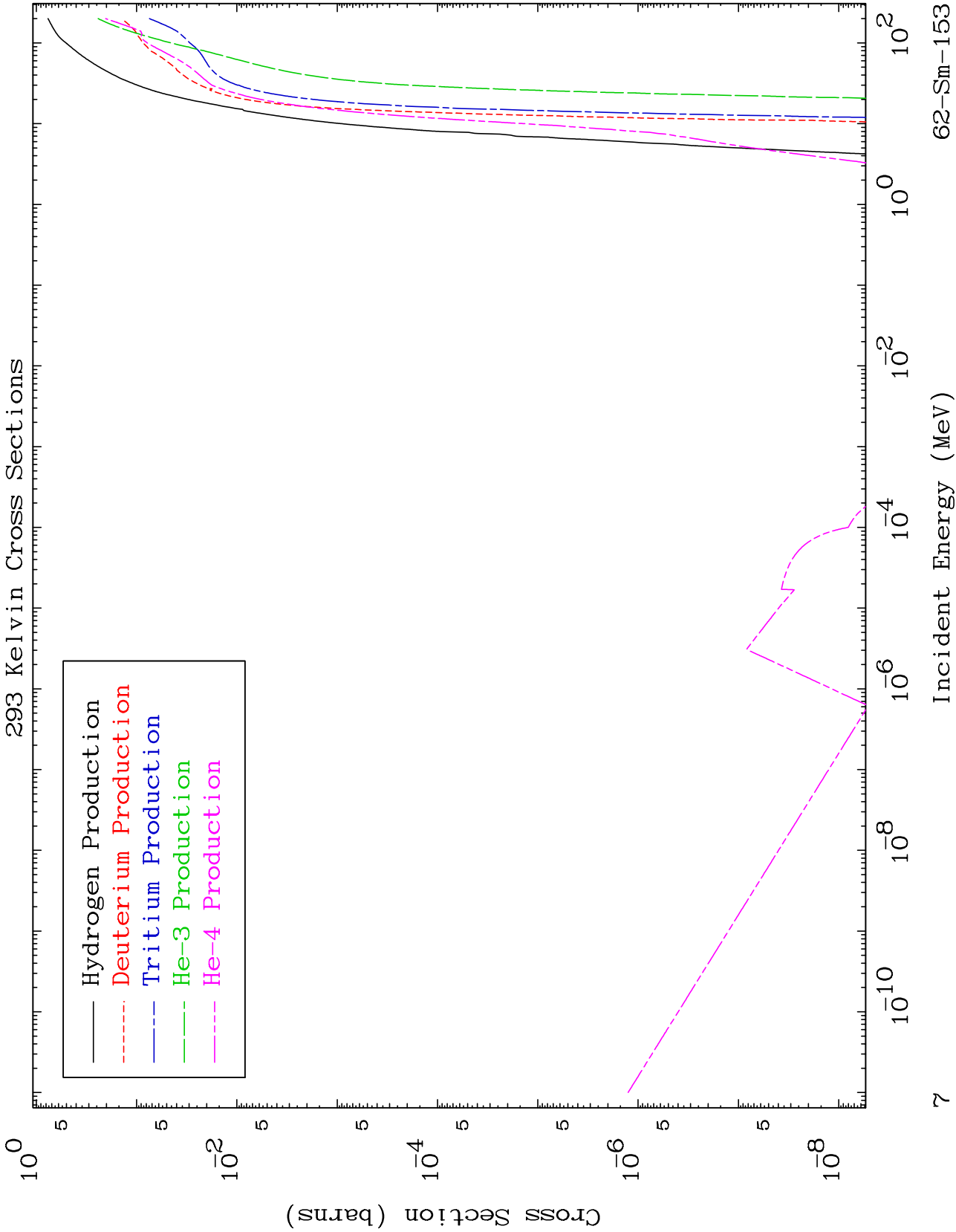
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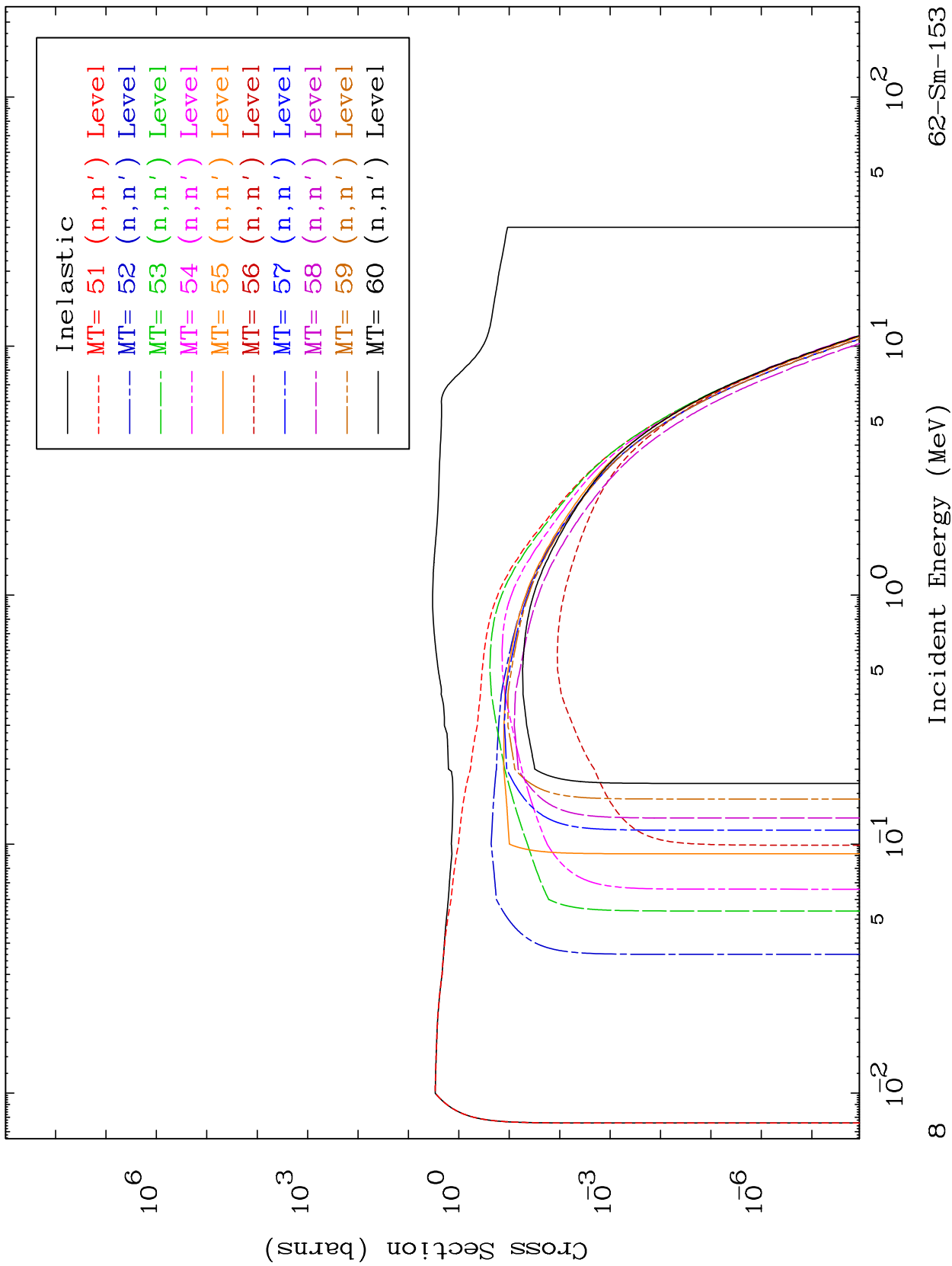


MAT 6252

Particle Production
293 Kelvin Cross Sections

62-Sm-153



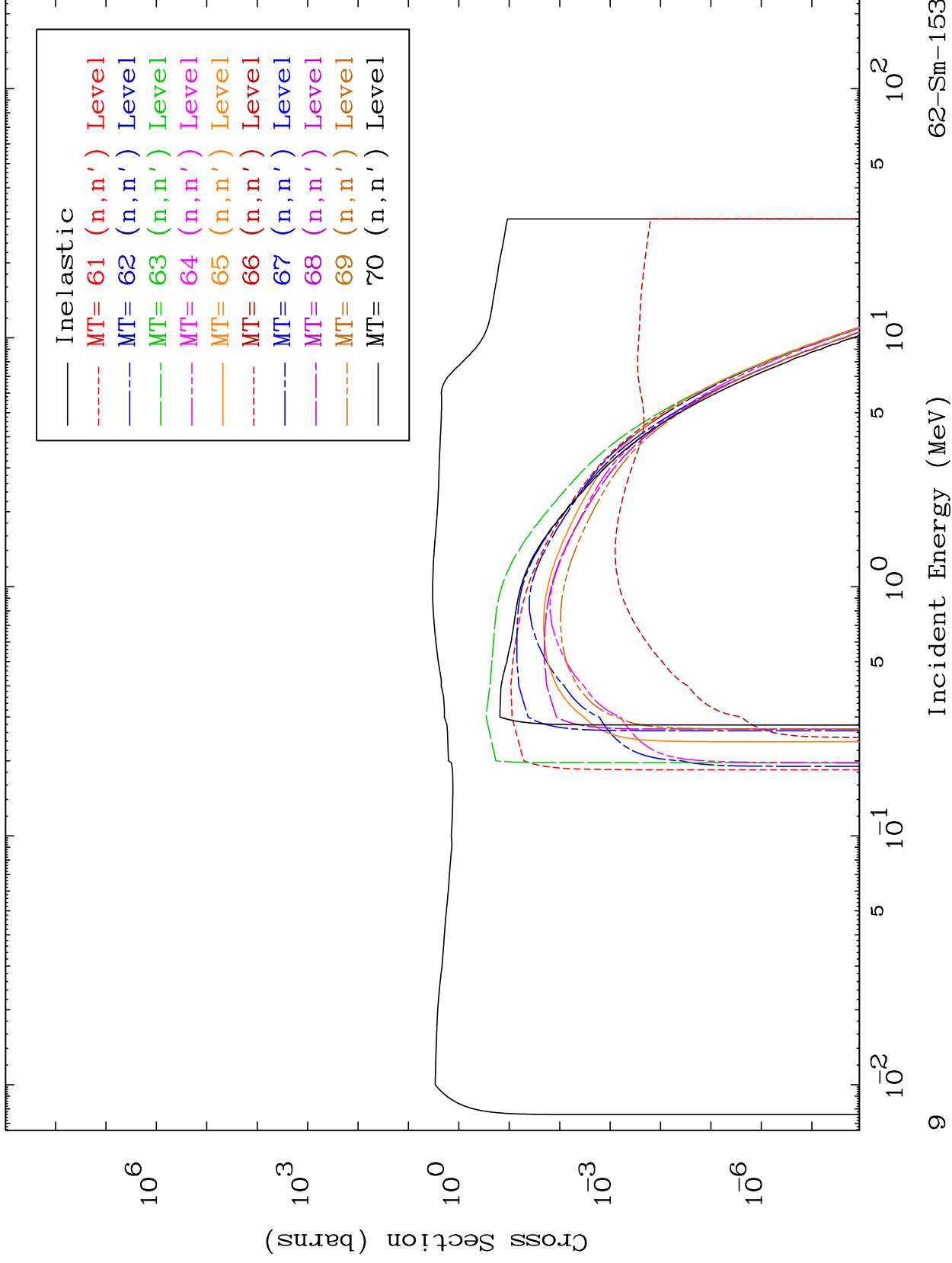


MAT 6252

(n,n') Levels

62-Sm-153

293 Kelvin Cross Sections



9

Incident Energy (MeV)

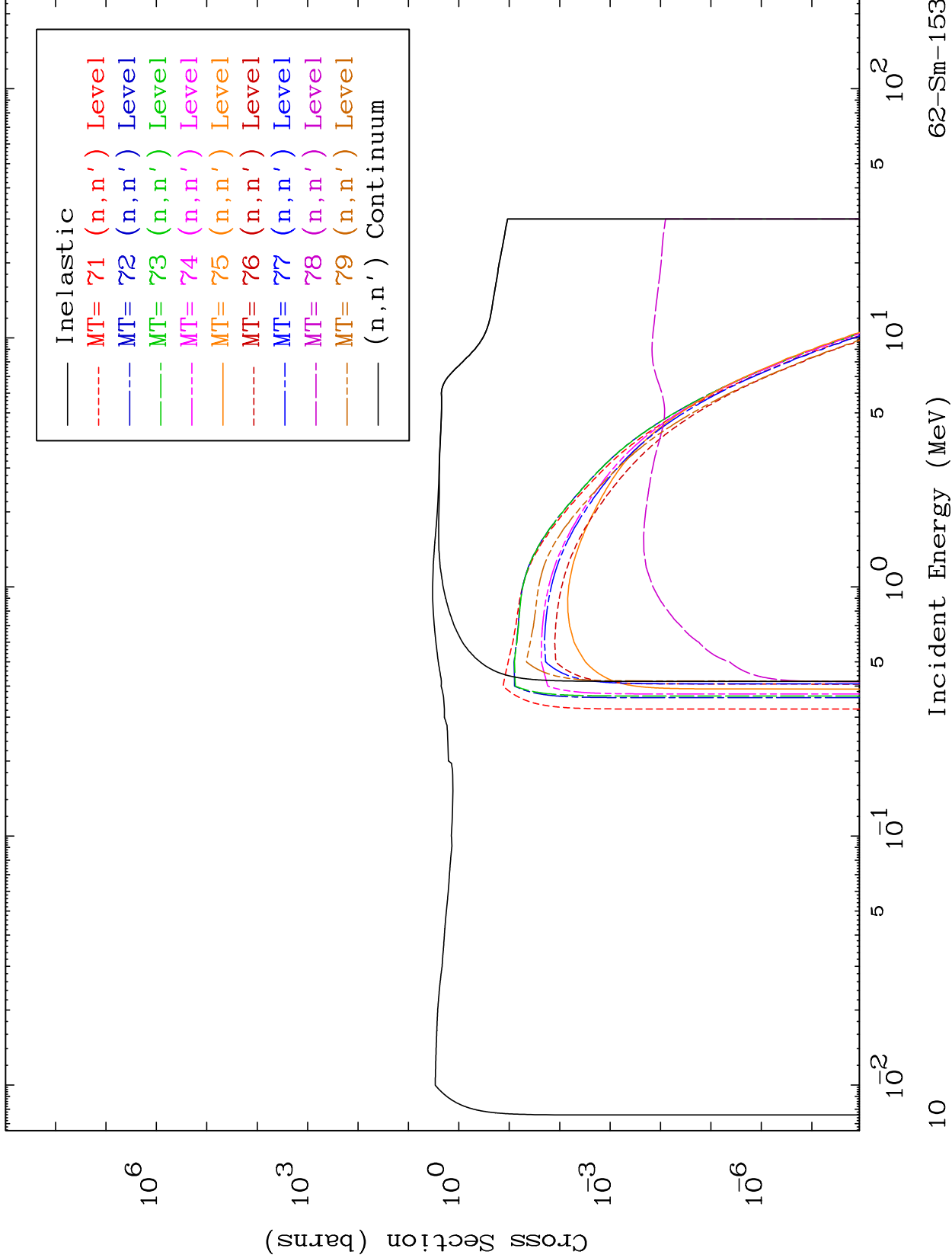
62-Sm-153

MAT 6252

(n,n') Levels

62-Sm-153

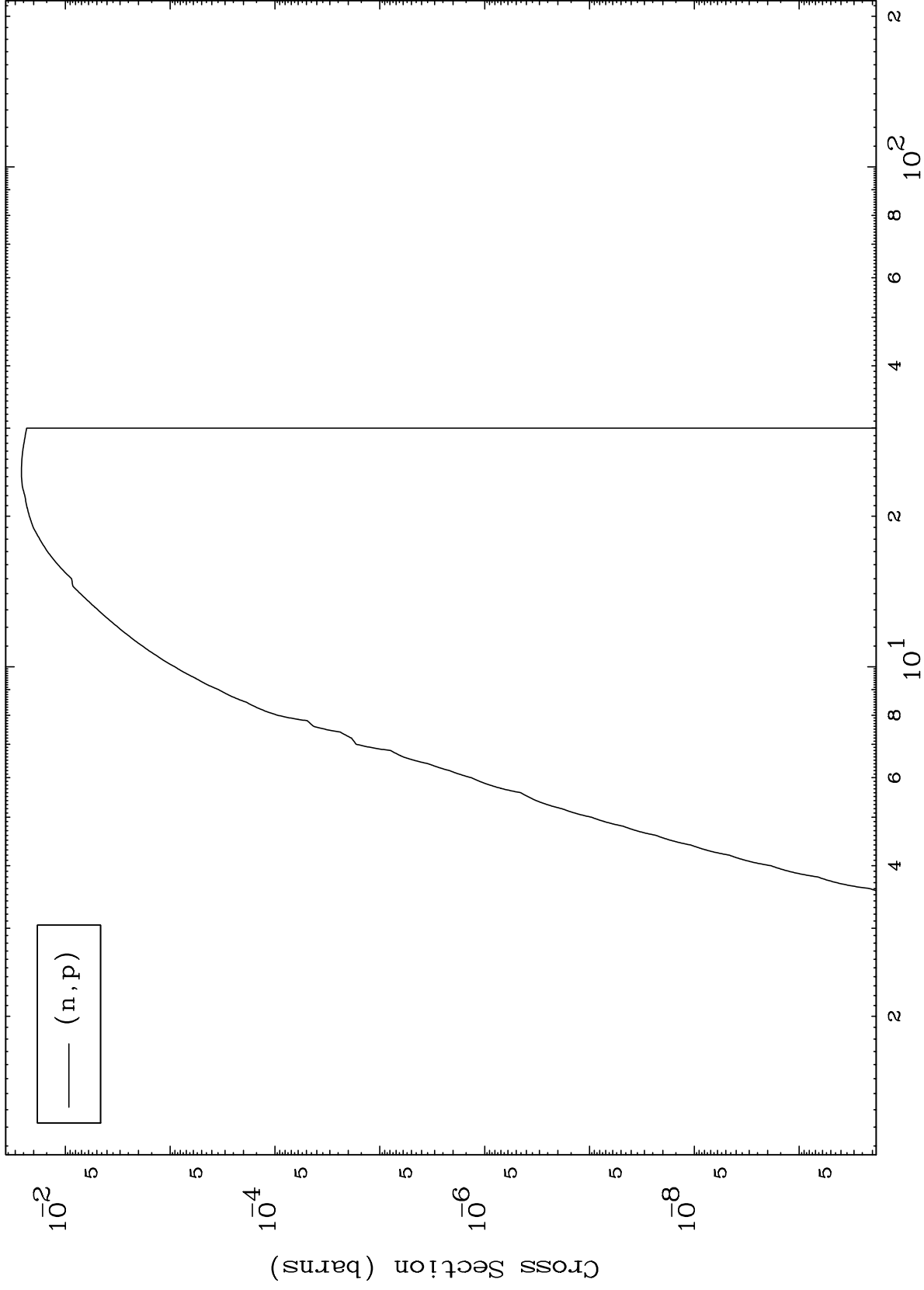
293 Kelvin Cross Sections



MAT 6252

(n,p) Levels
293 Kelvin Cross Sections

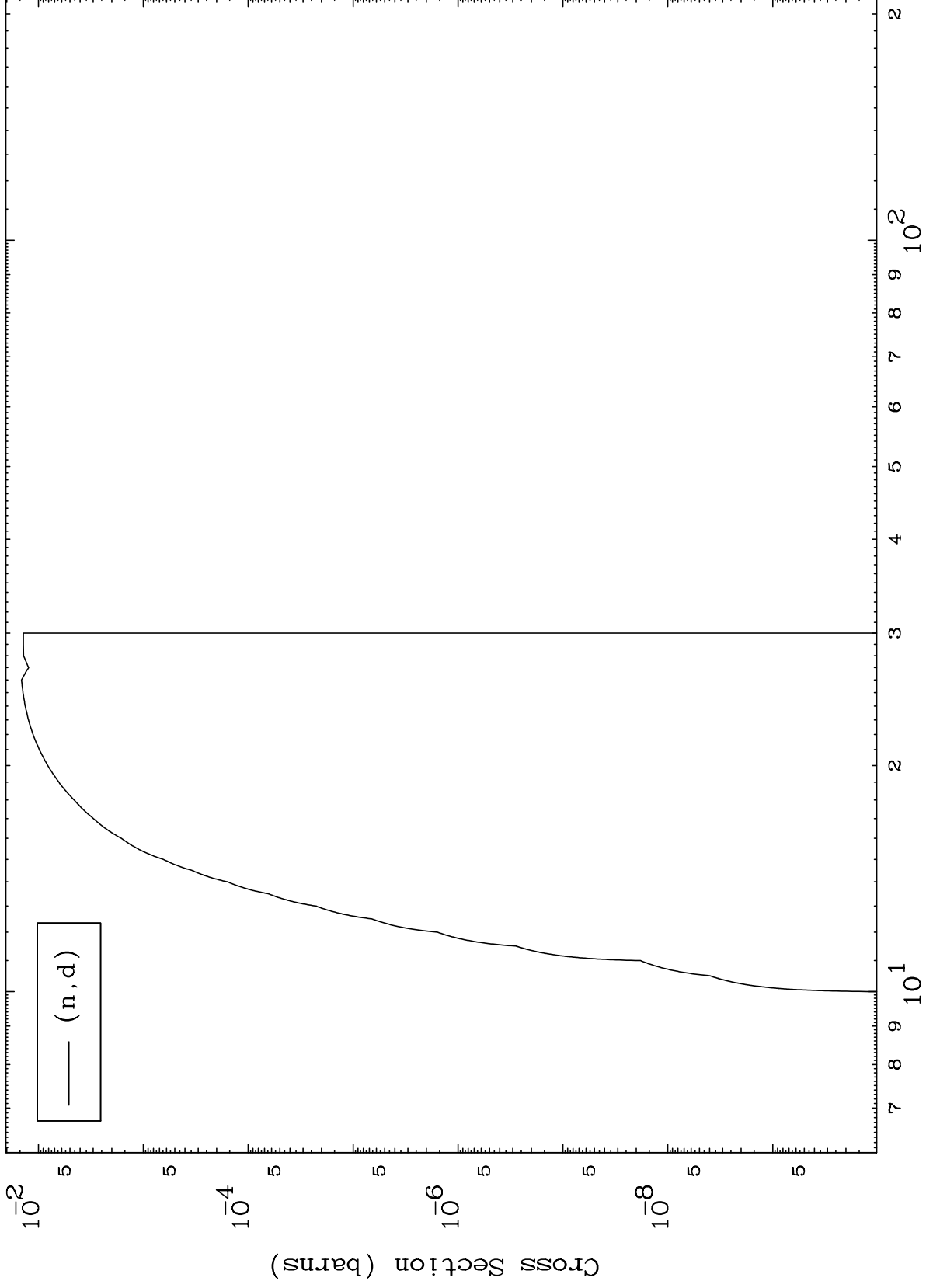
62-Sm-153



MAT 6252

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-153



12

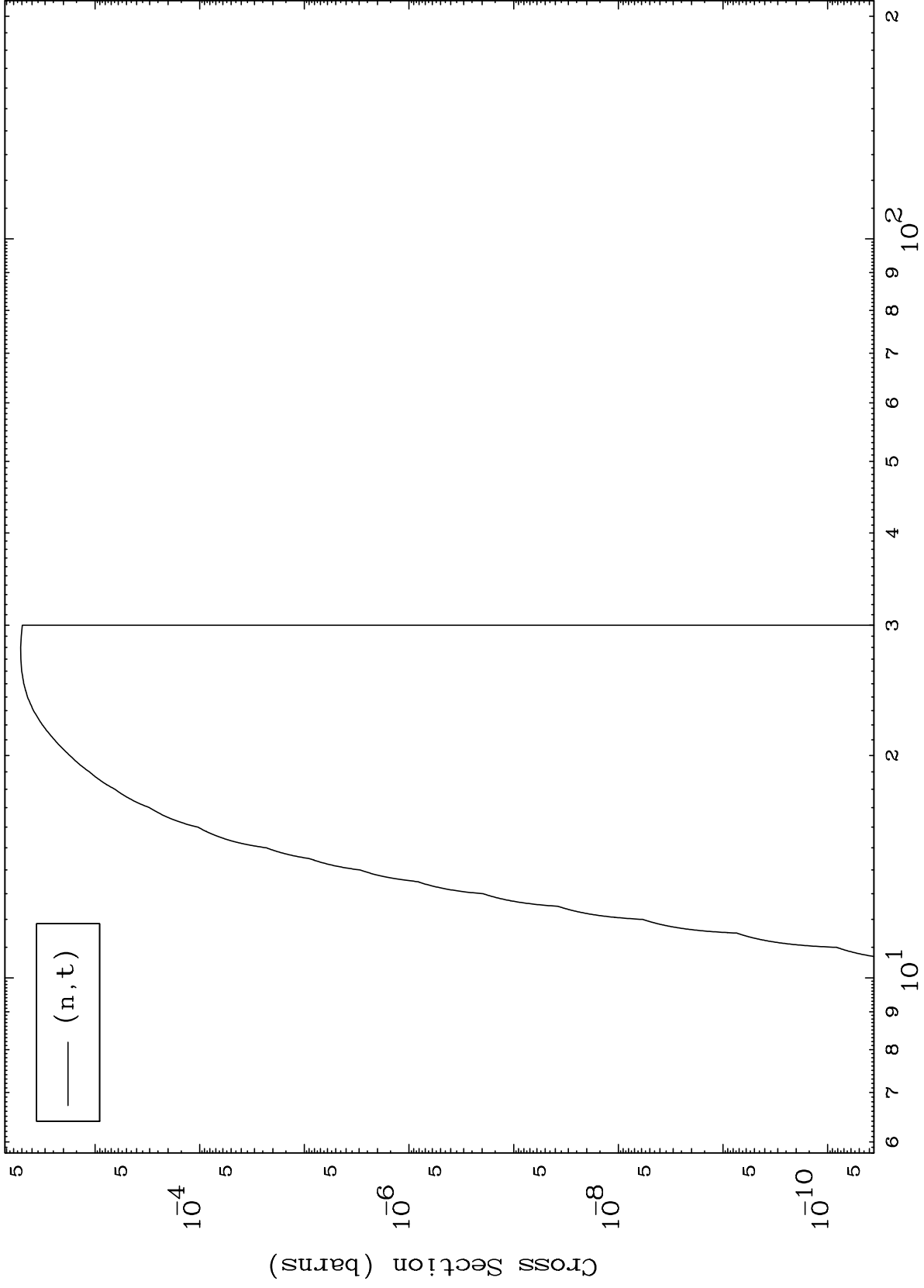
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-153



13

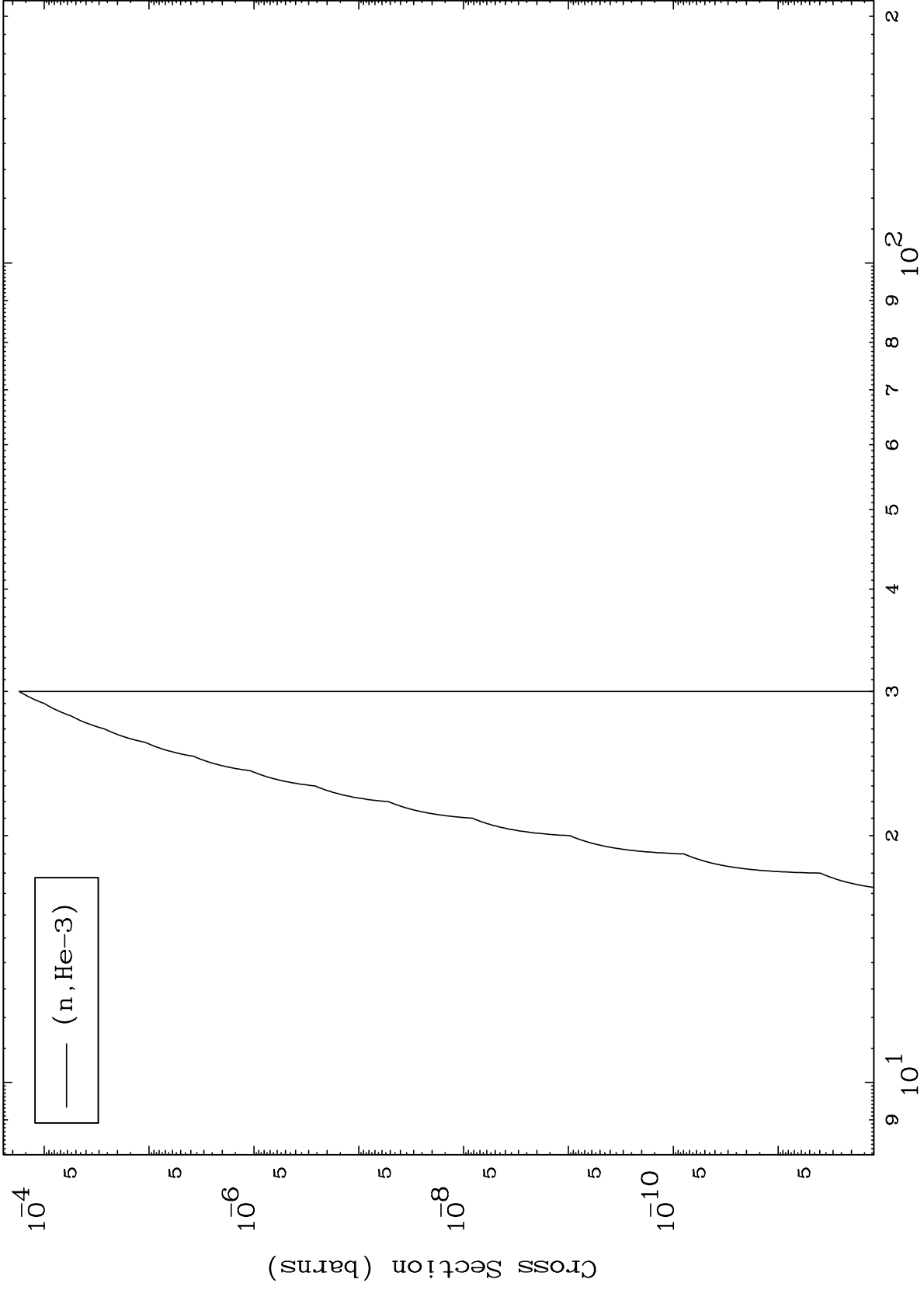
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-153



14

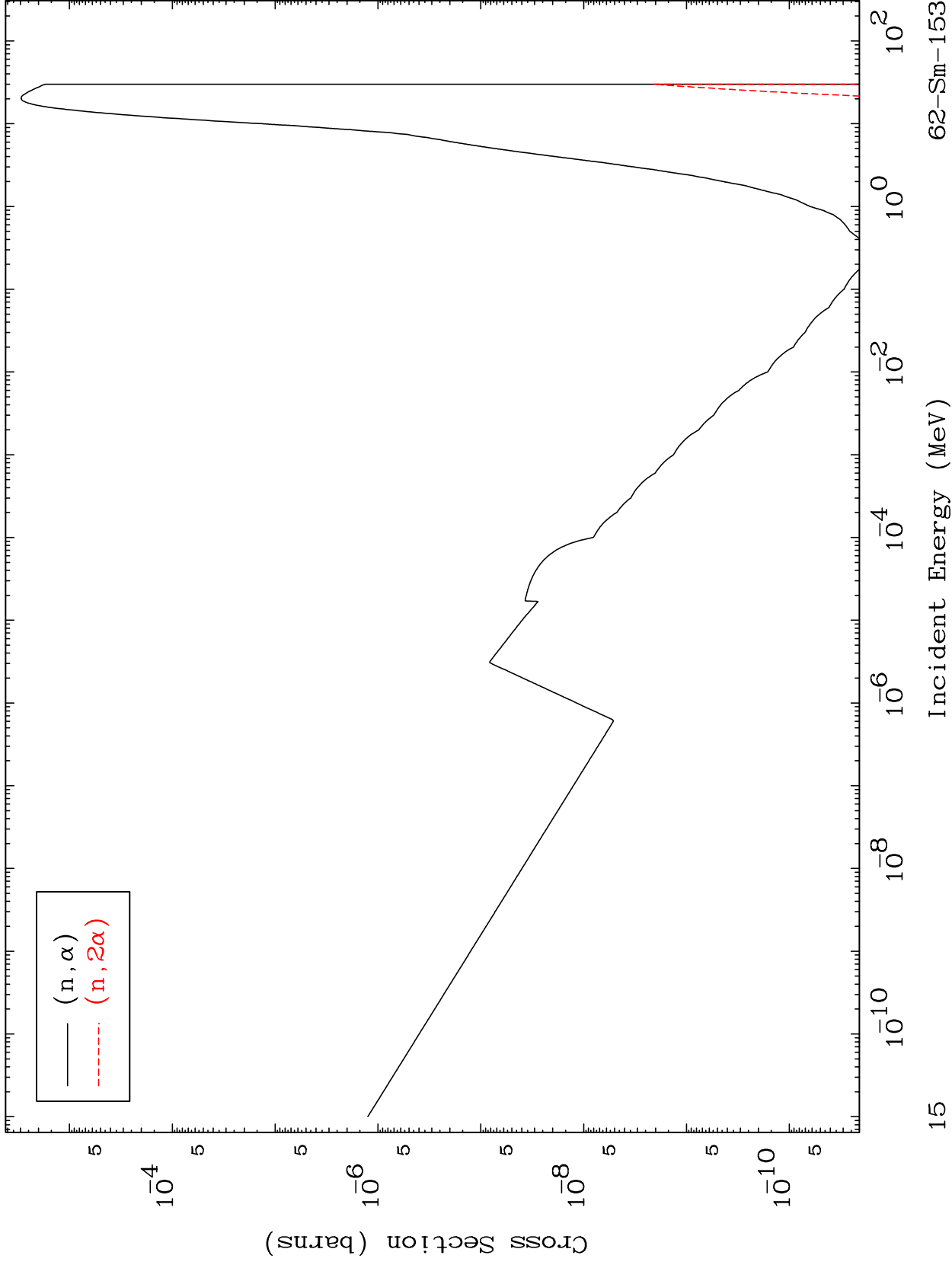
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n, α) Levels
293 Kelvin Cross Sections

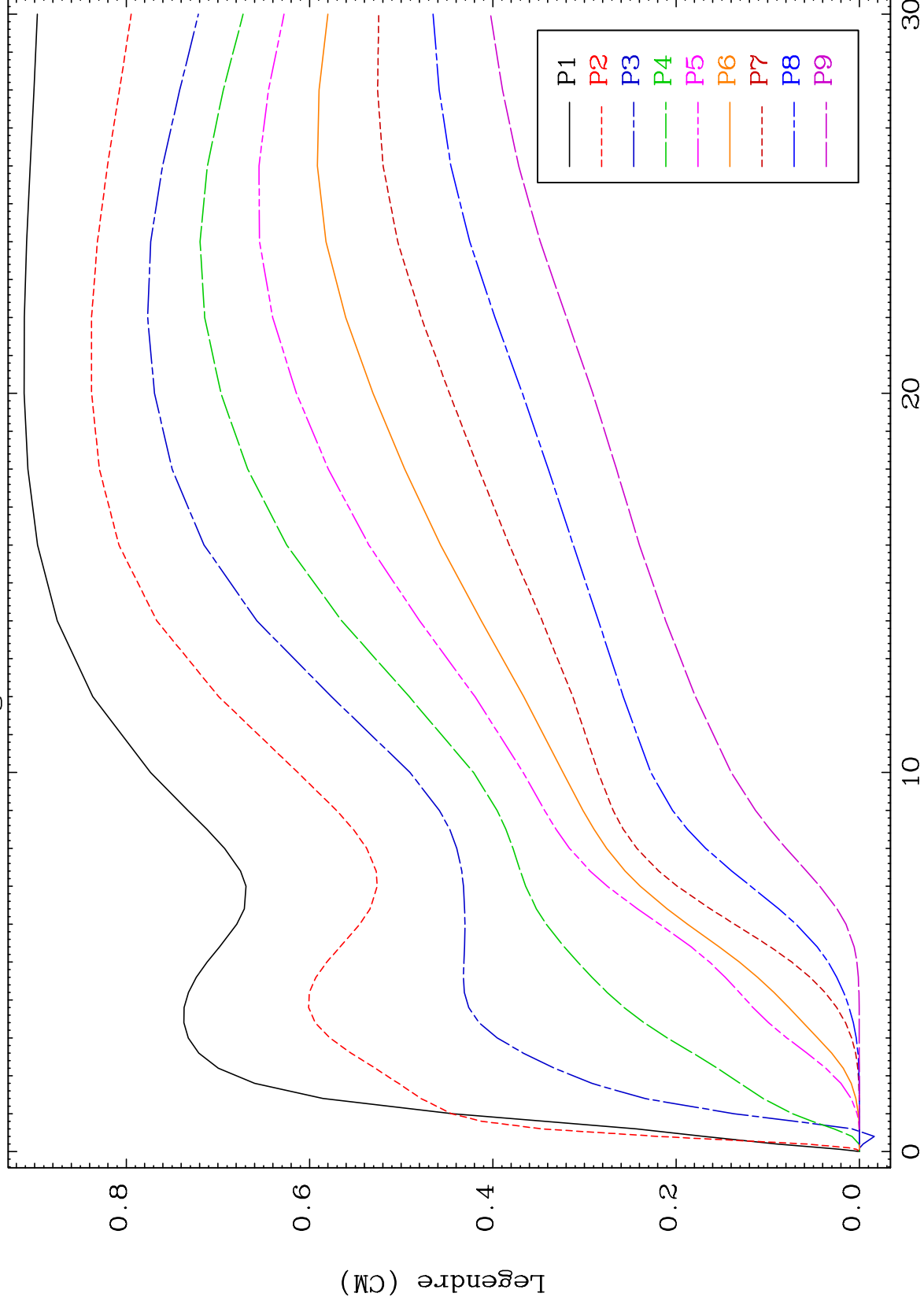
62-Sm-153



MAT 6252

Elastic Legendre Coefficients

62-Sm-153

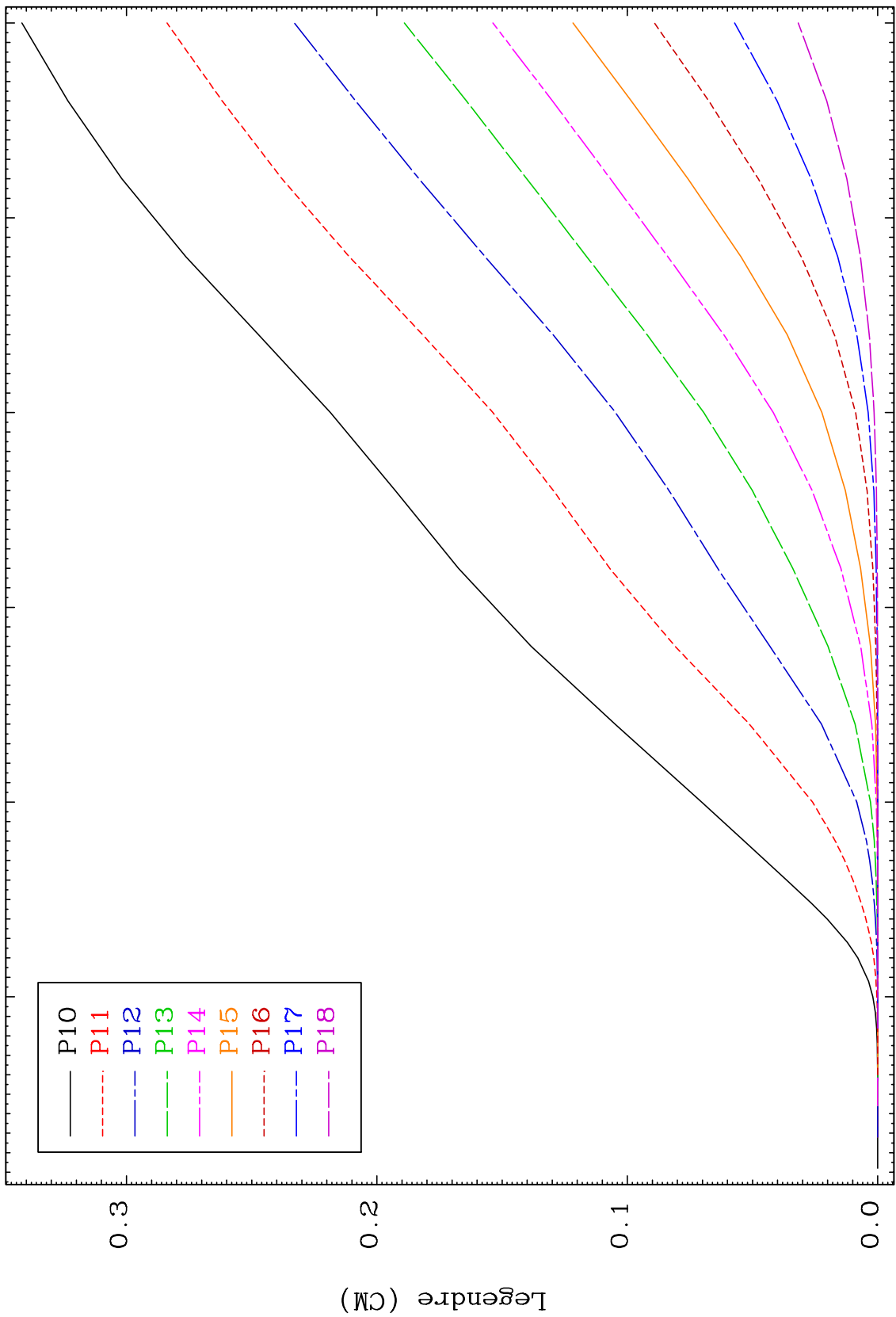


16

Incident Energy (MeV)

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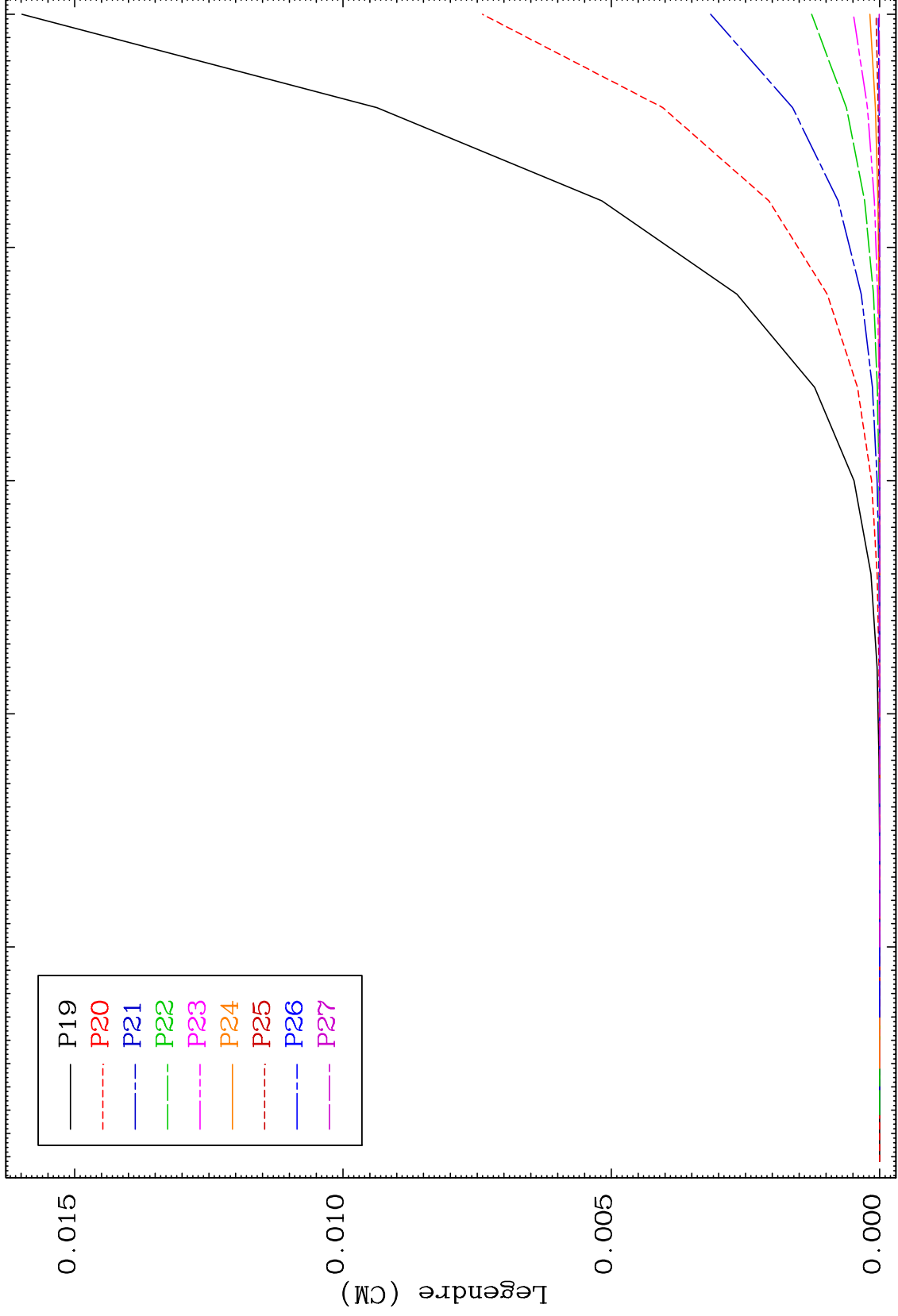
Elastic Legendre Coefficients



MAT 6252

Elastic Legendre Coefficients

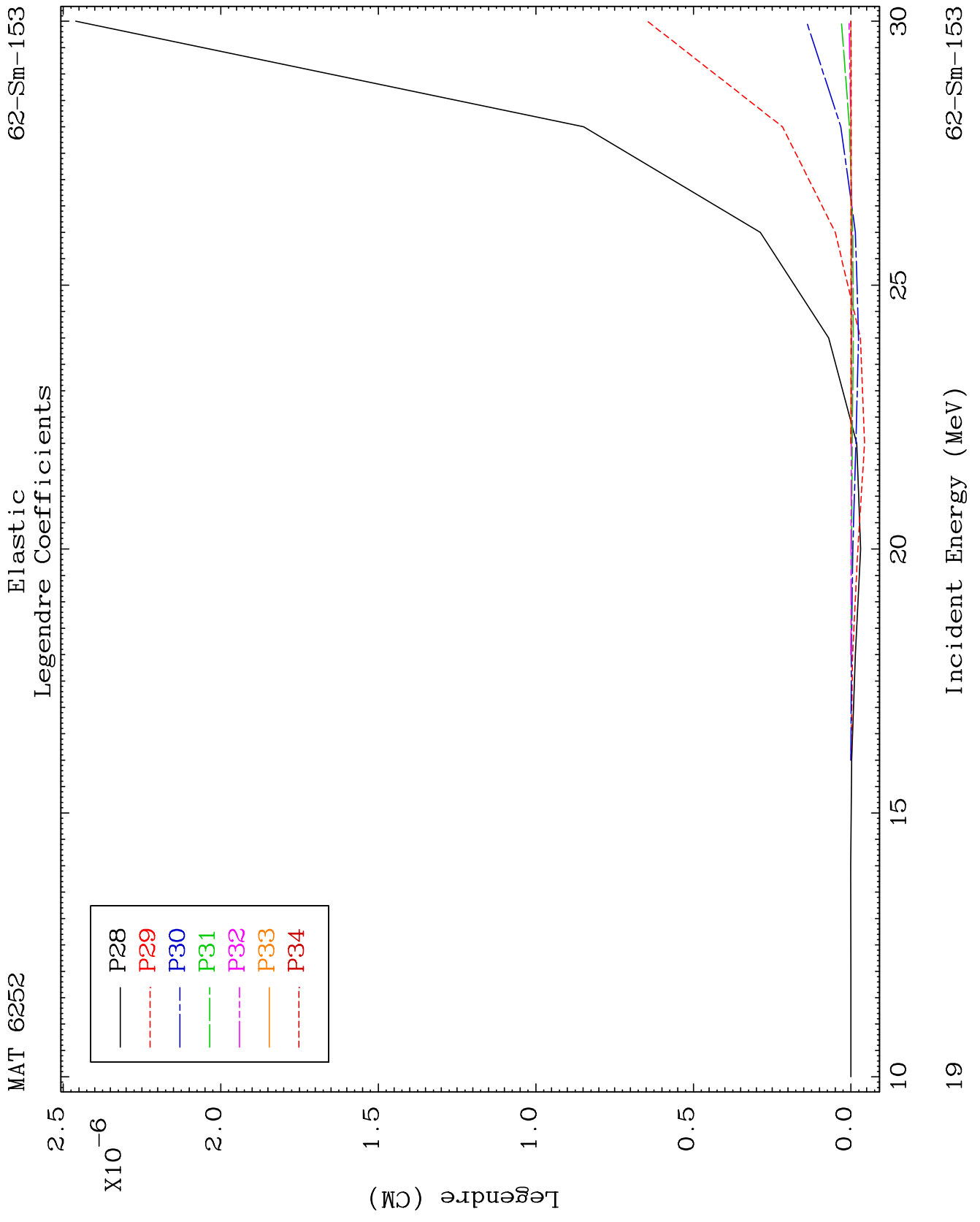
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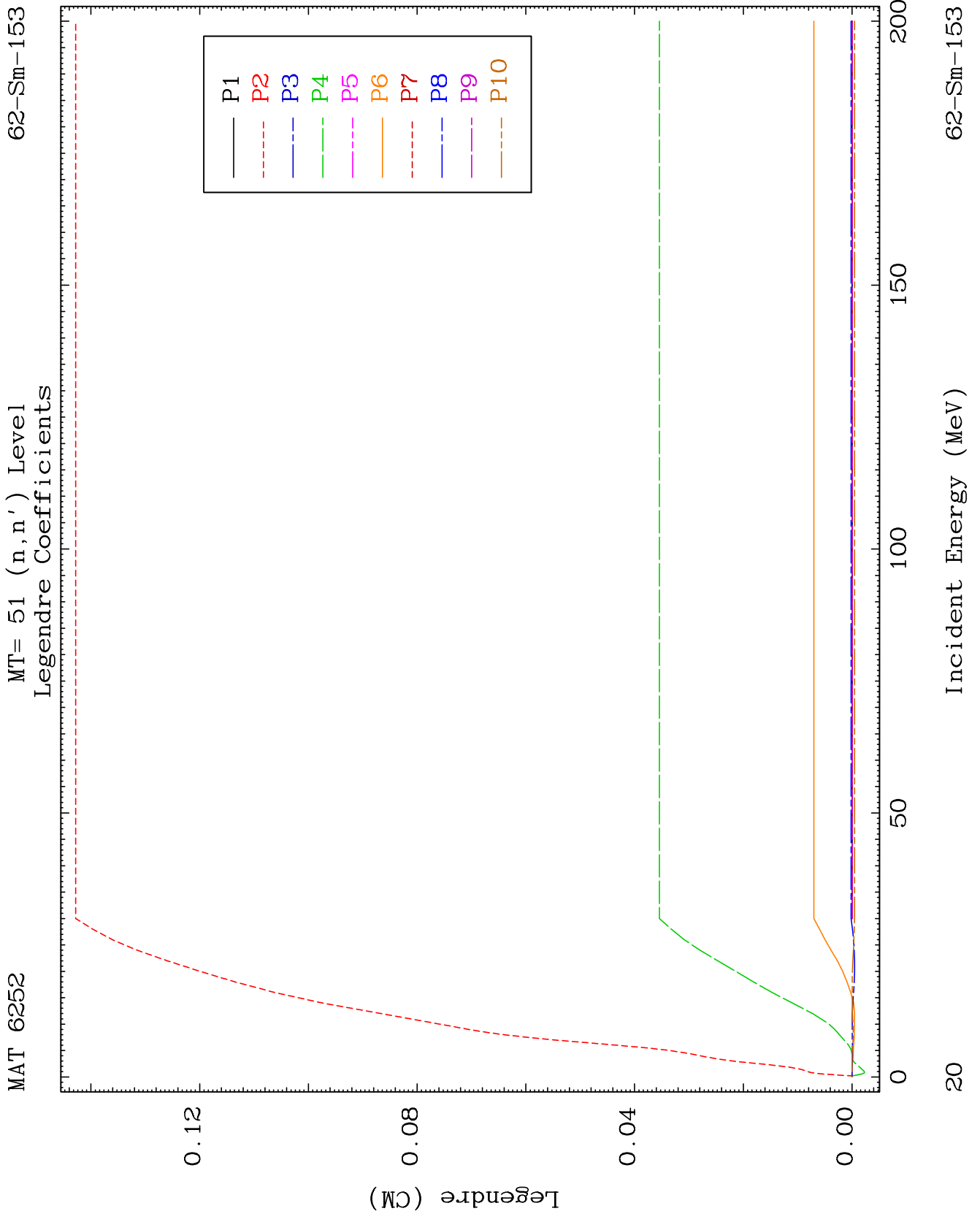


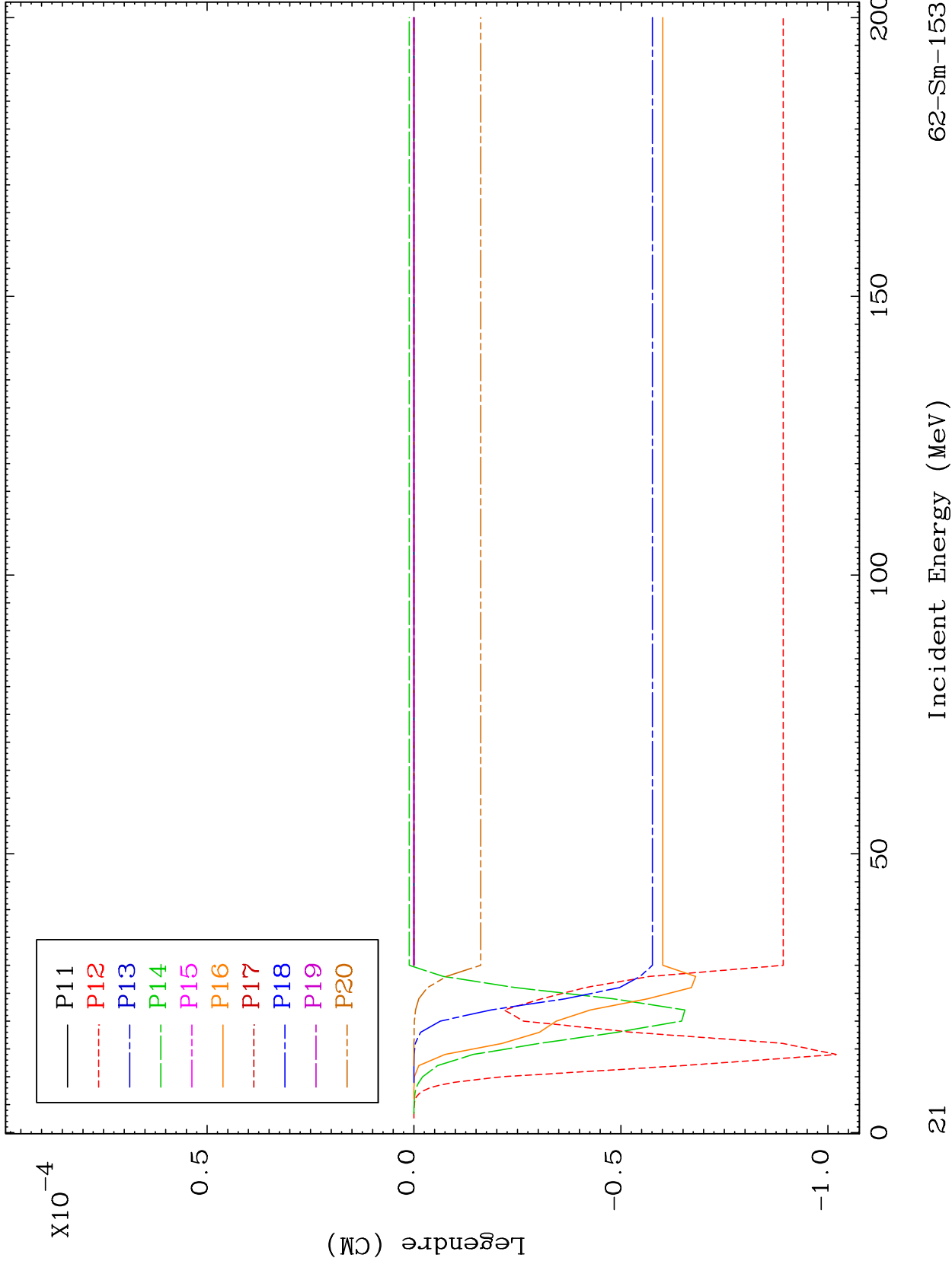
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Incident Energy (MeV)

62-Sm-153



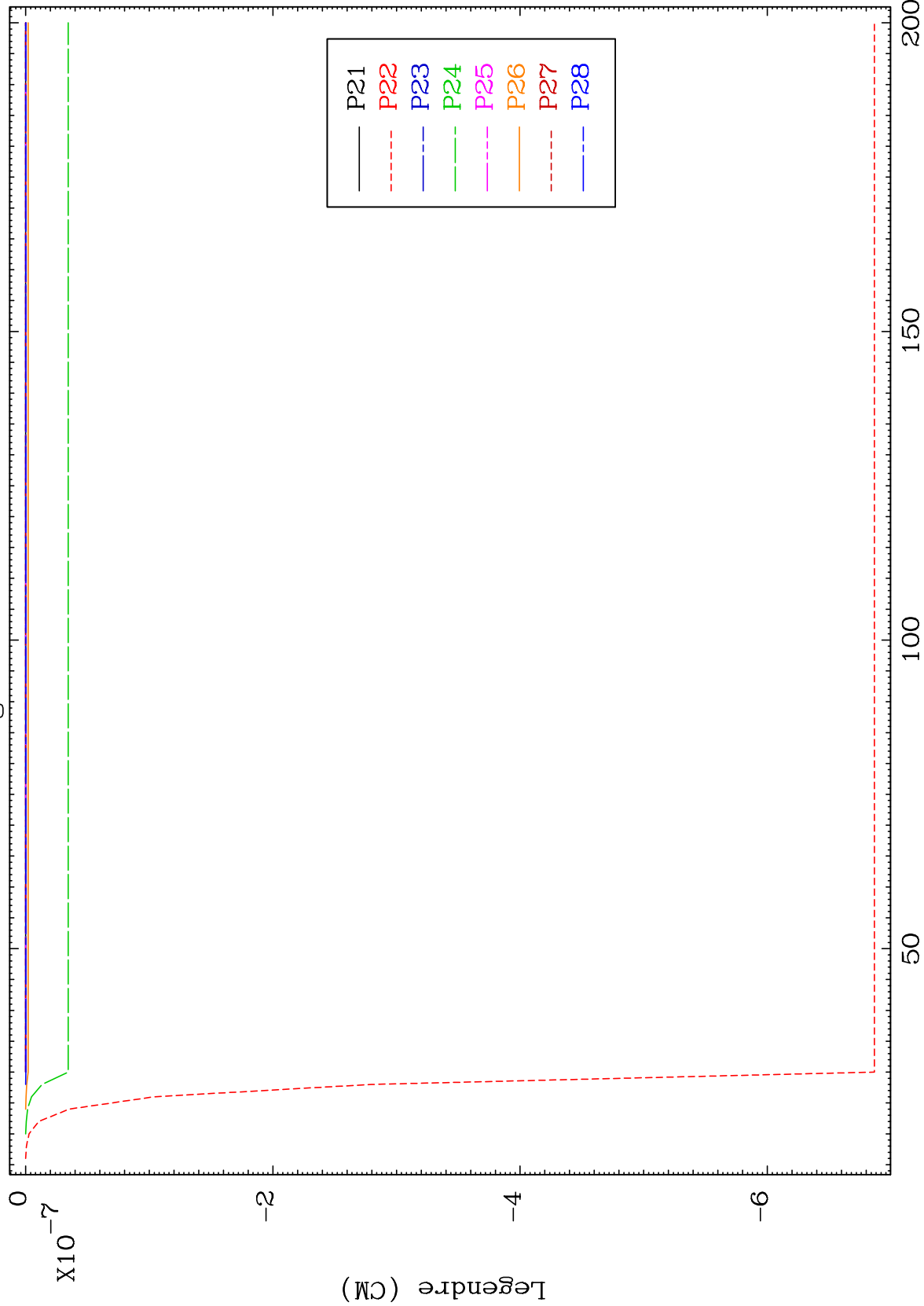




MAT 6252

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

62-Sm-153



62-Sm-153

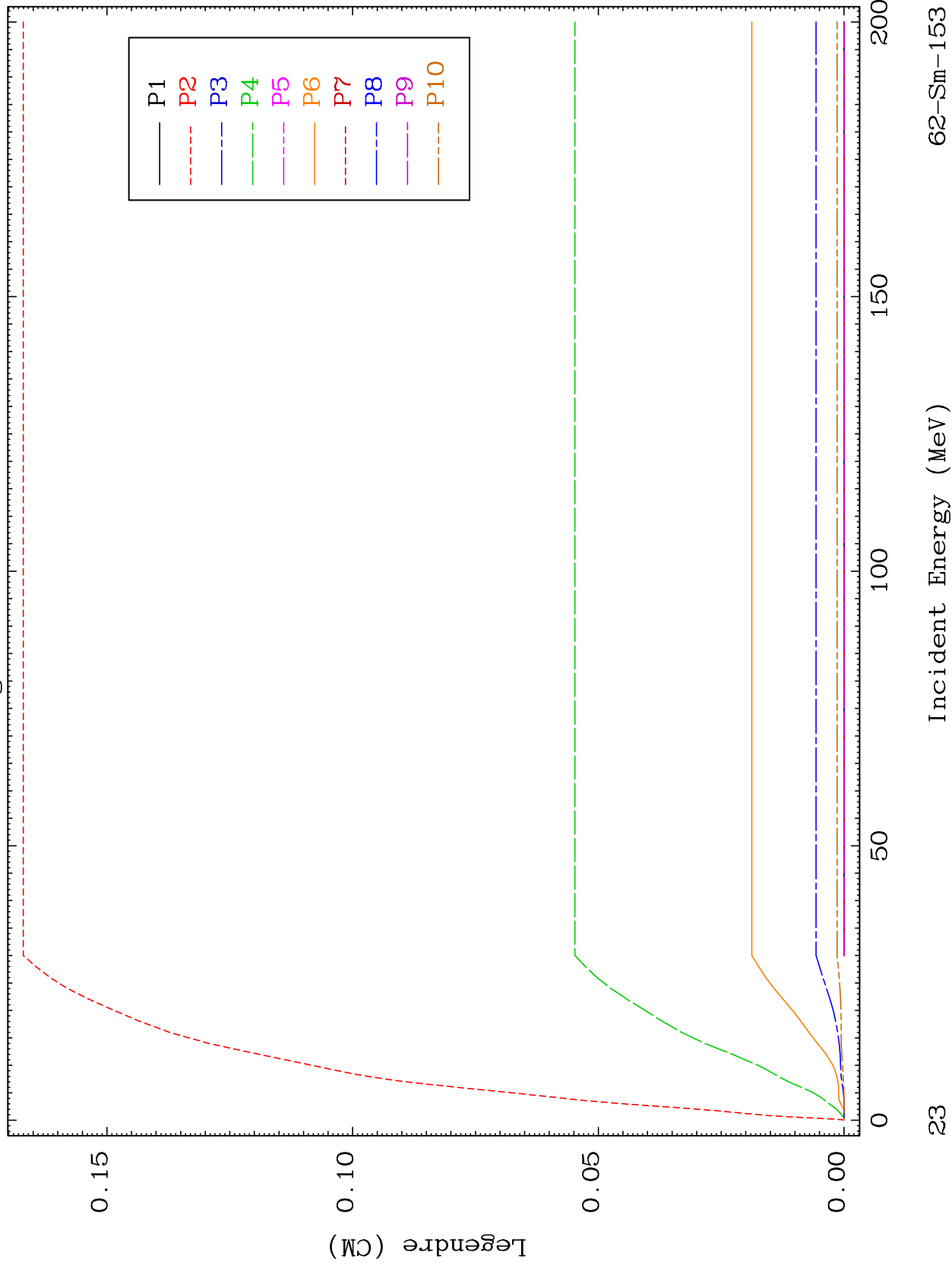
Incident Energy (MeV)

22

MAT 6252

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

62-Sm-153



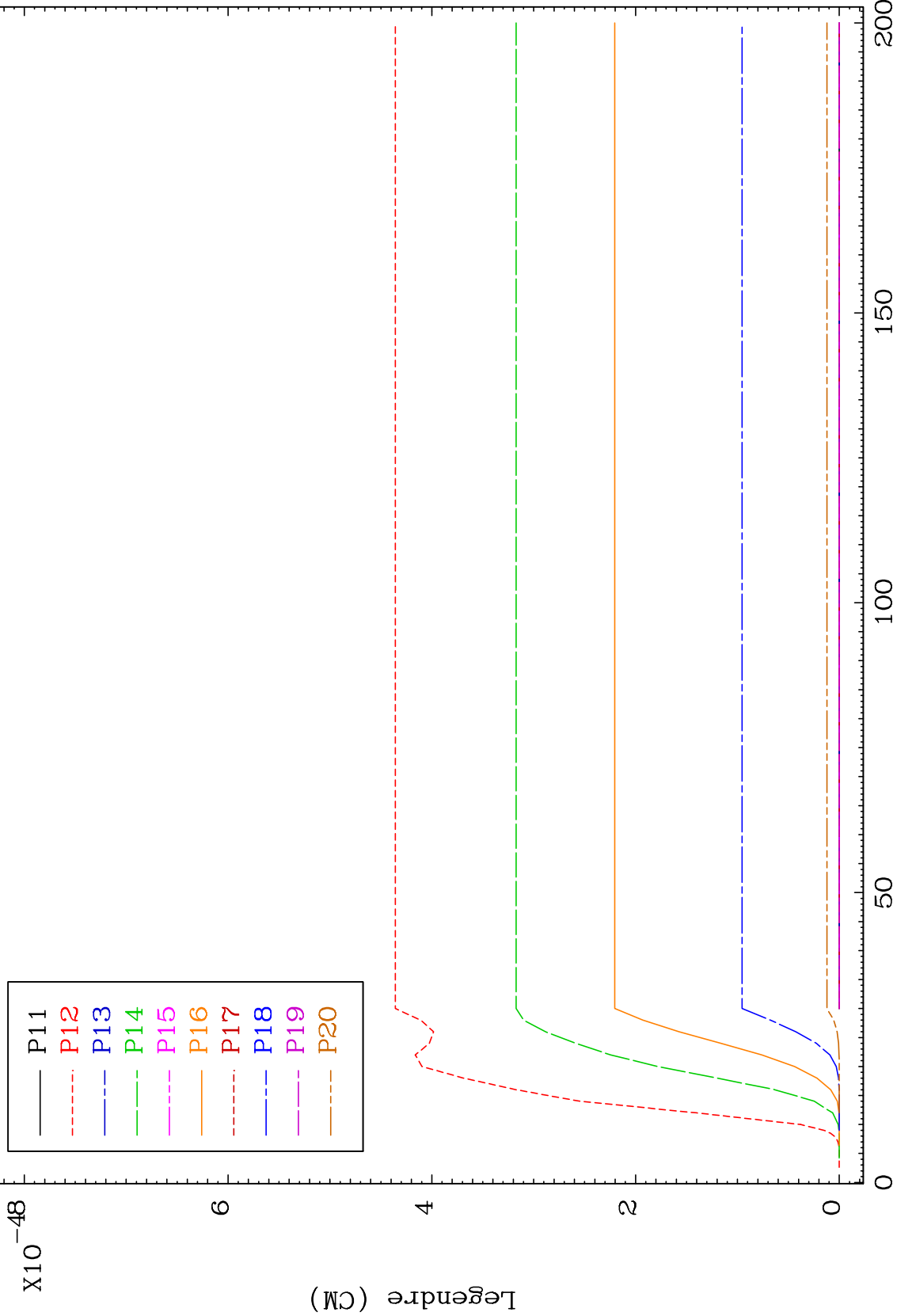
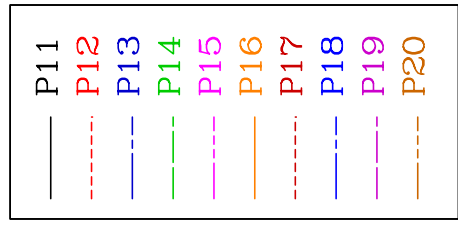
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62-Sm-153

MAT 6252

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

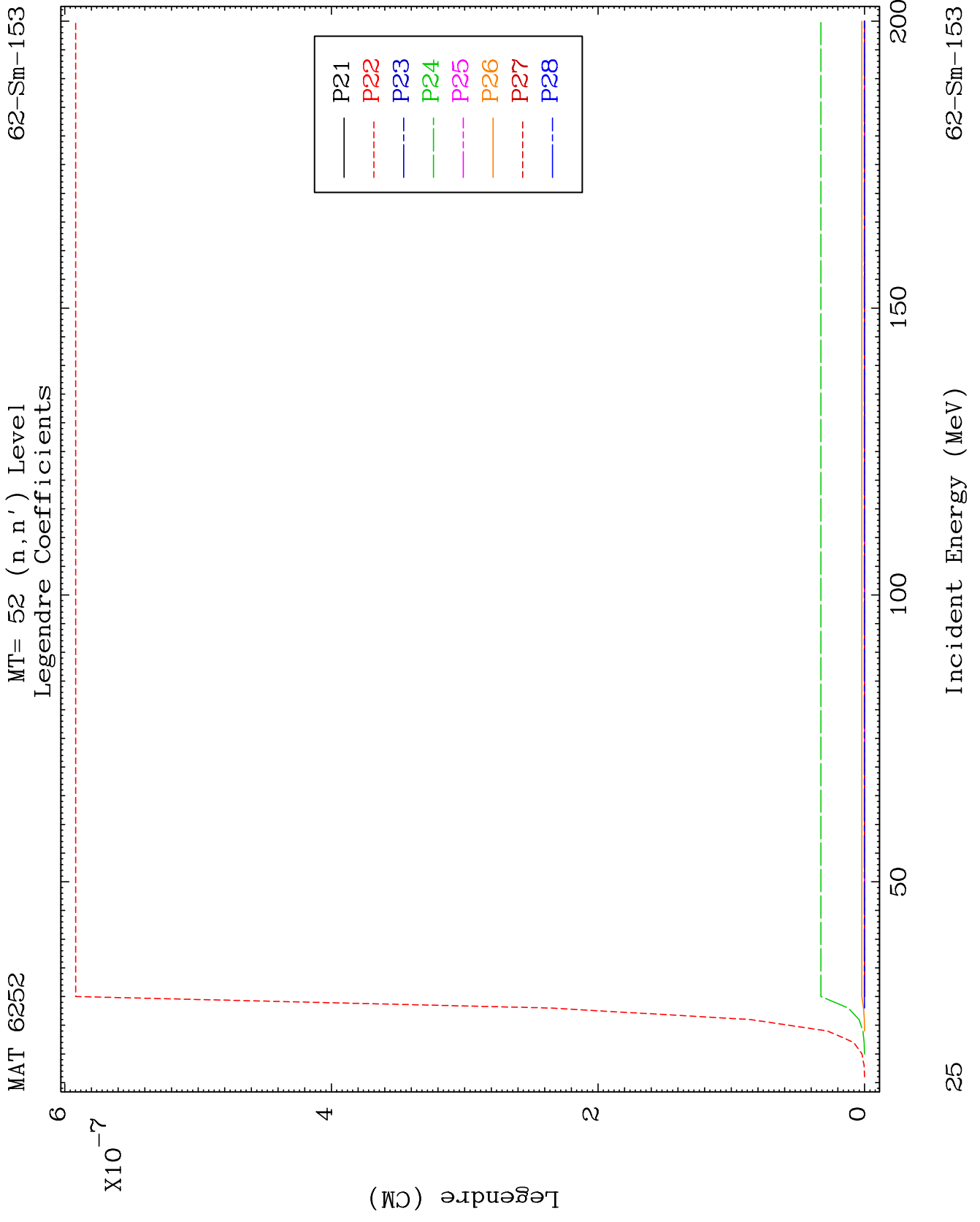
62-Sm-153



24

Incident Energy (MeV)

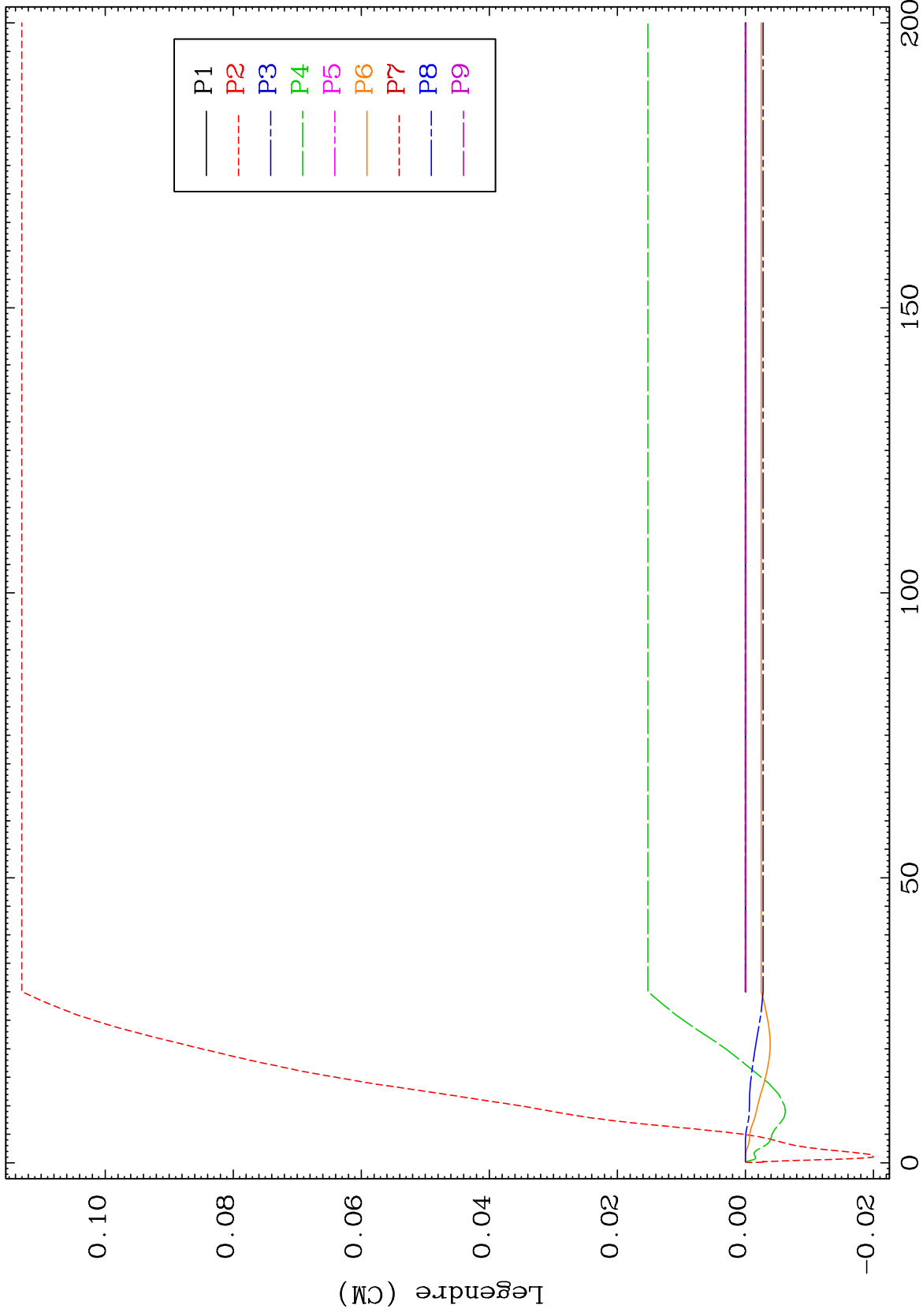
62-Sm-153



MAT 6252

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

62-Sm-153



26

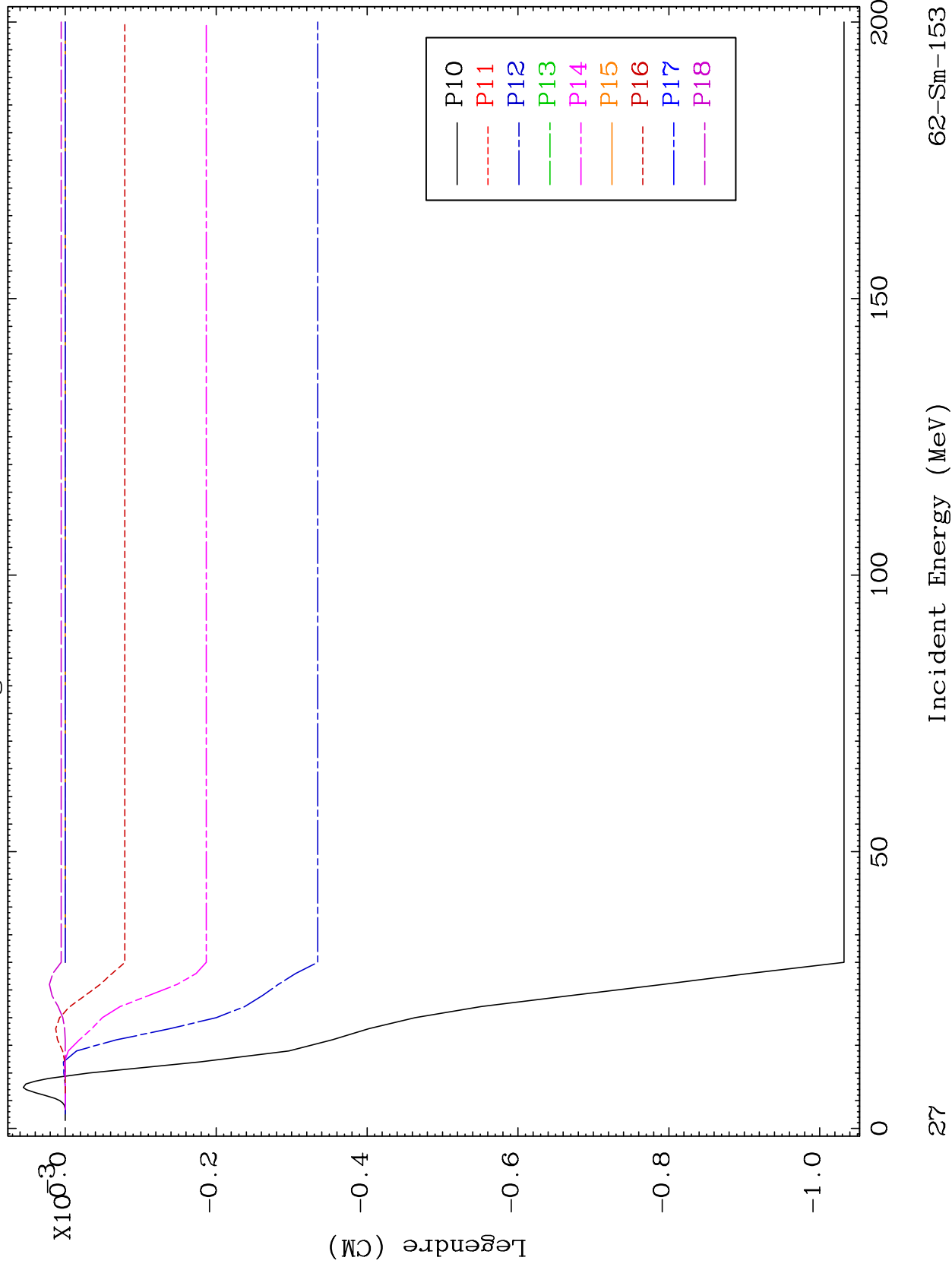
Incident Energy (MeV)

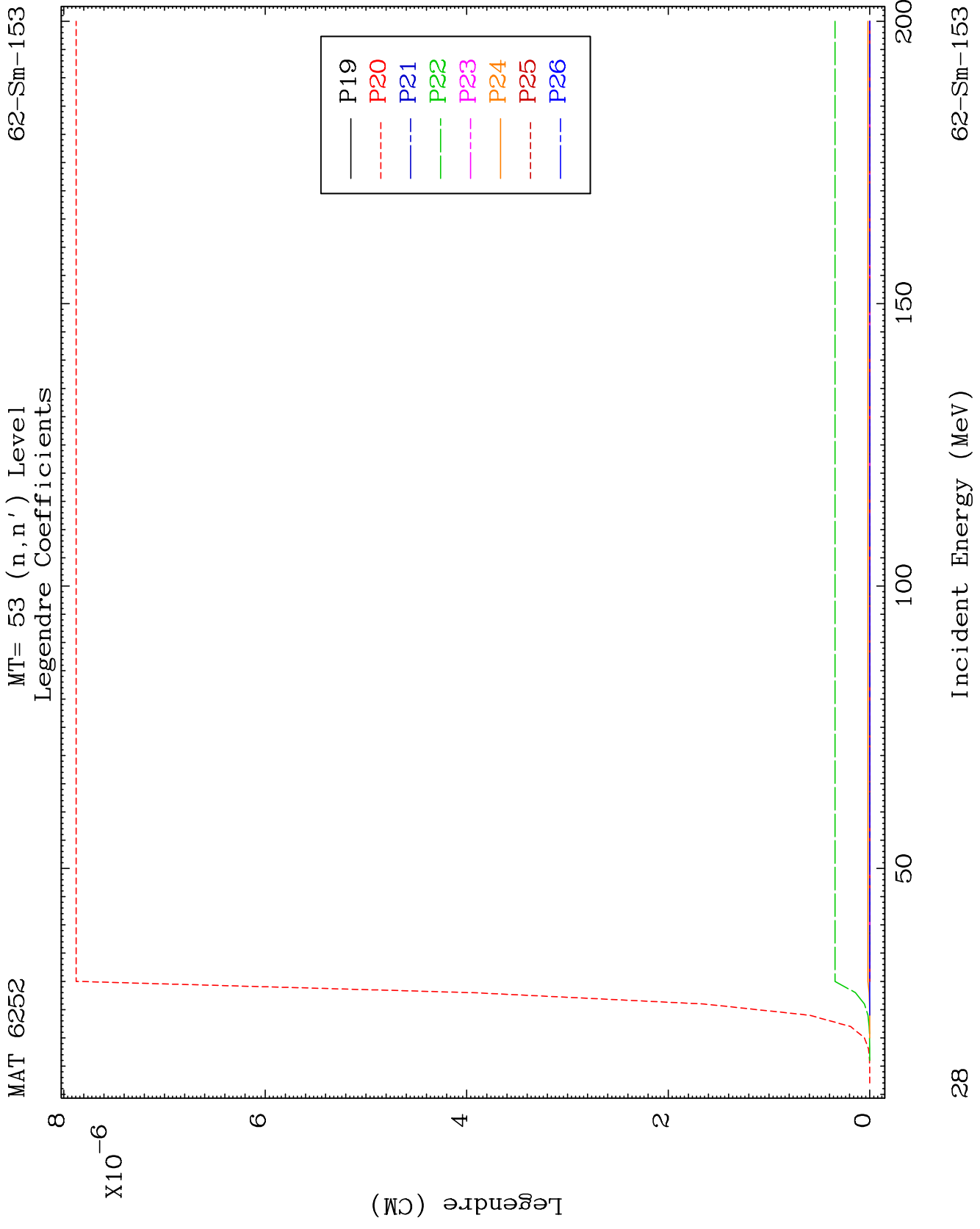
62-Sm-153

MAT 6252

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

62-Sm-153

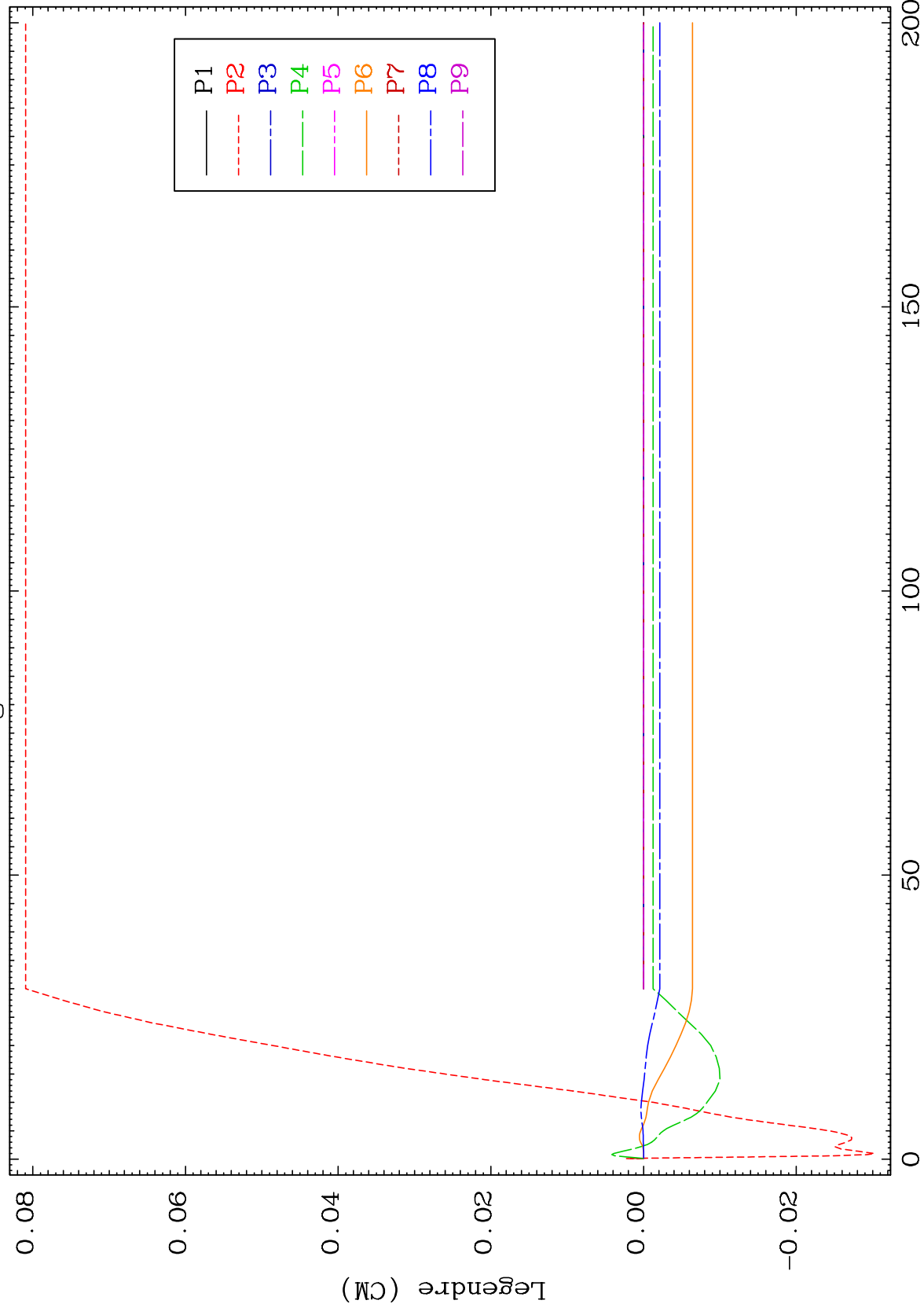




MAT 6252

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

62-Sm-153



29

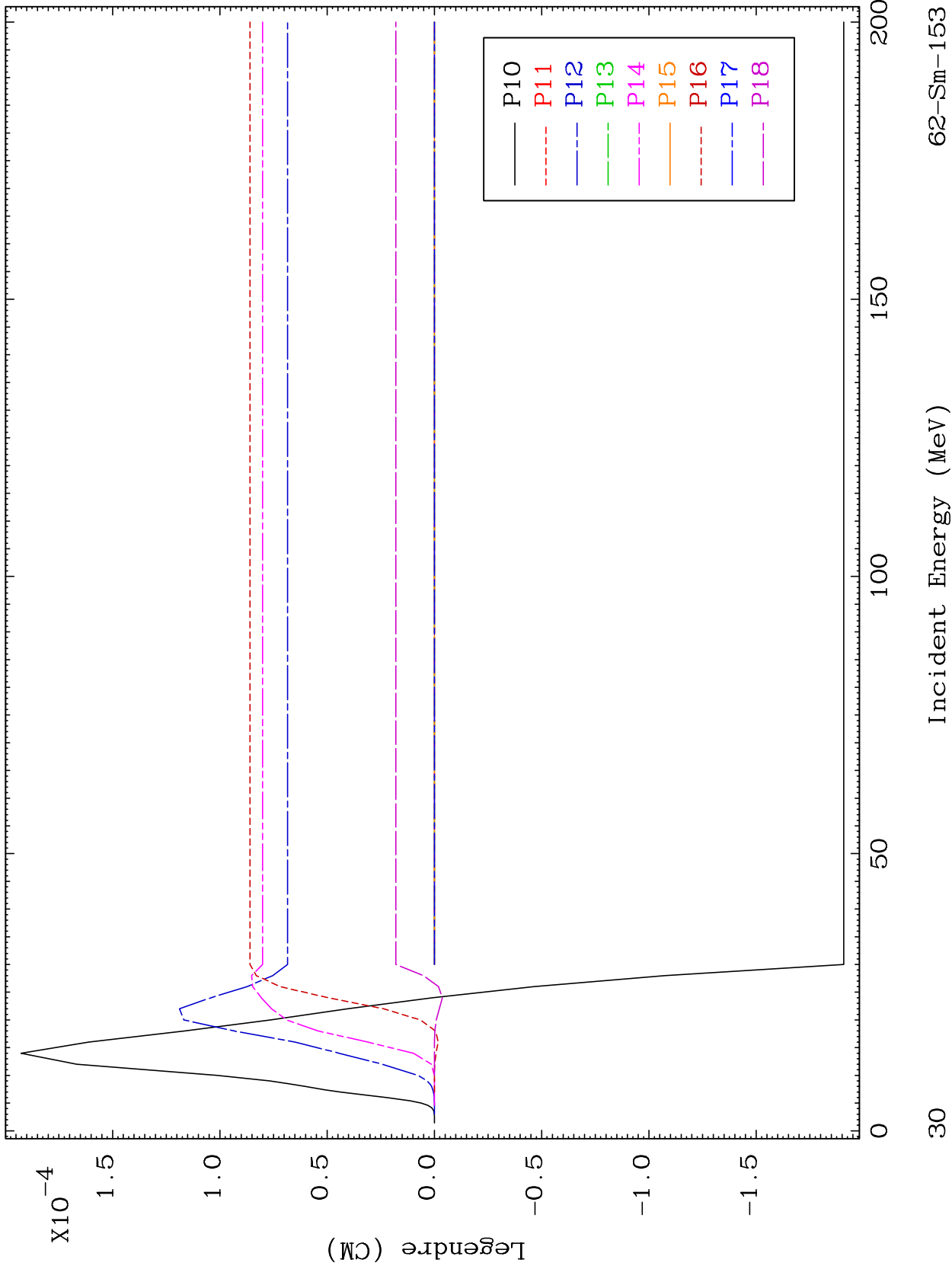
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

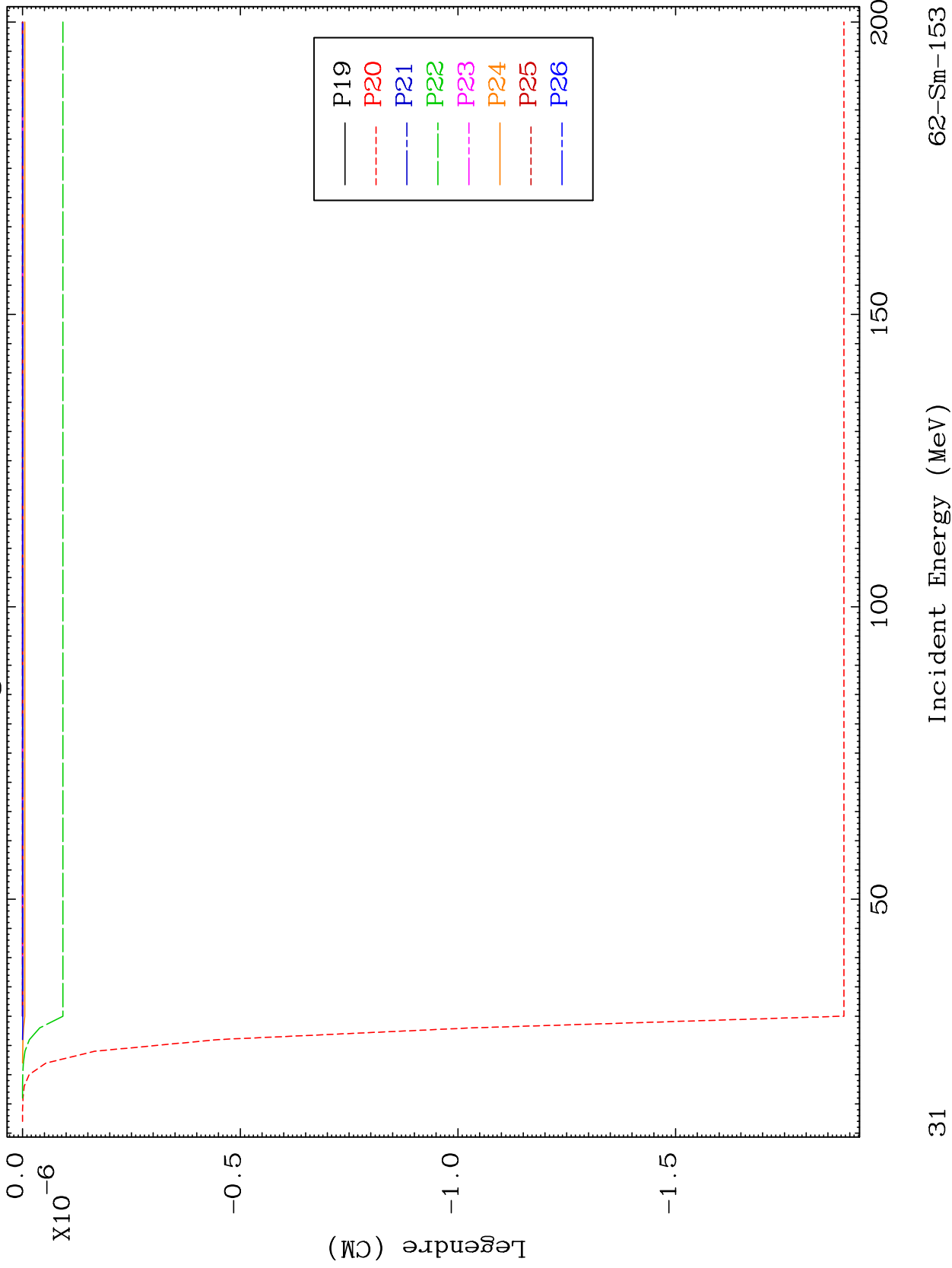
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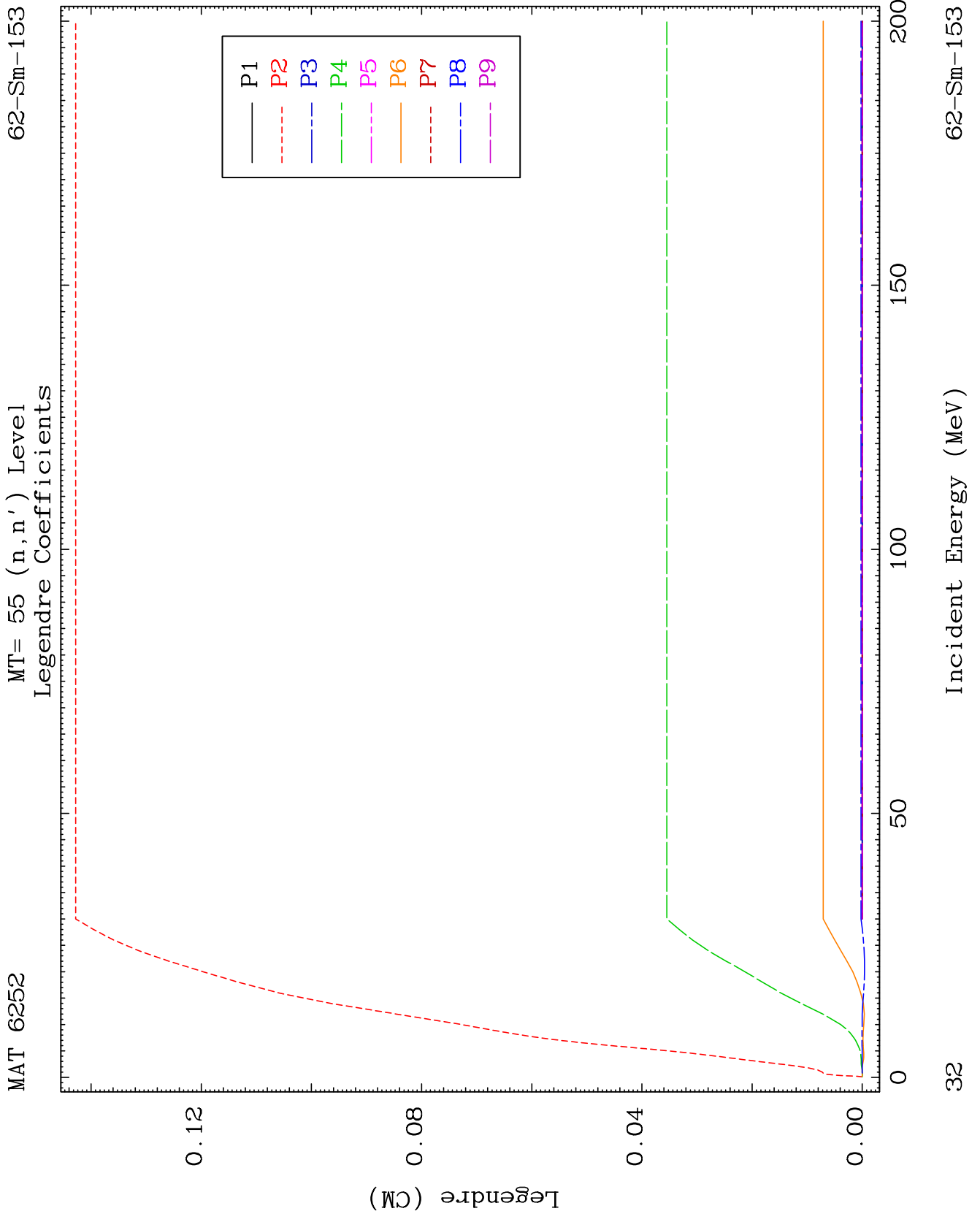


MAT 6252

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

62-Sm-153

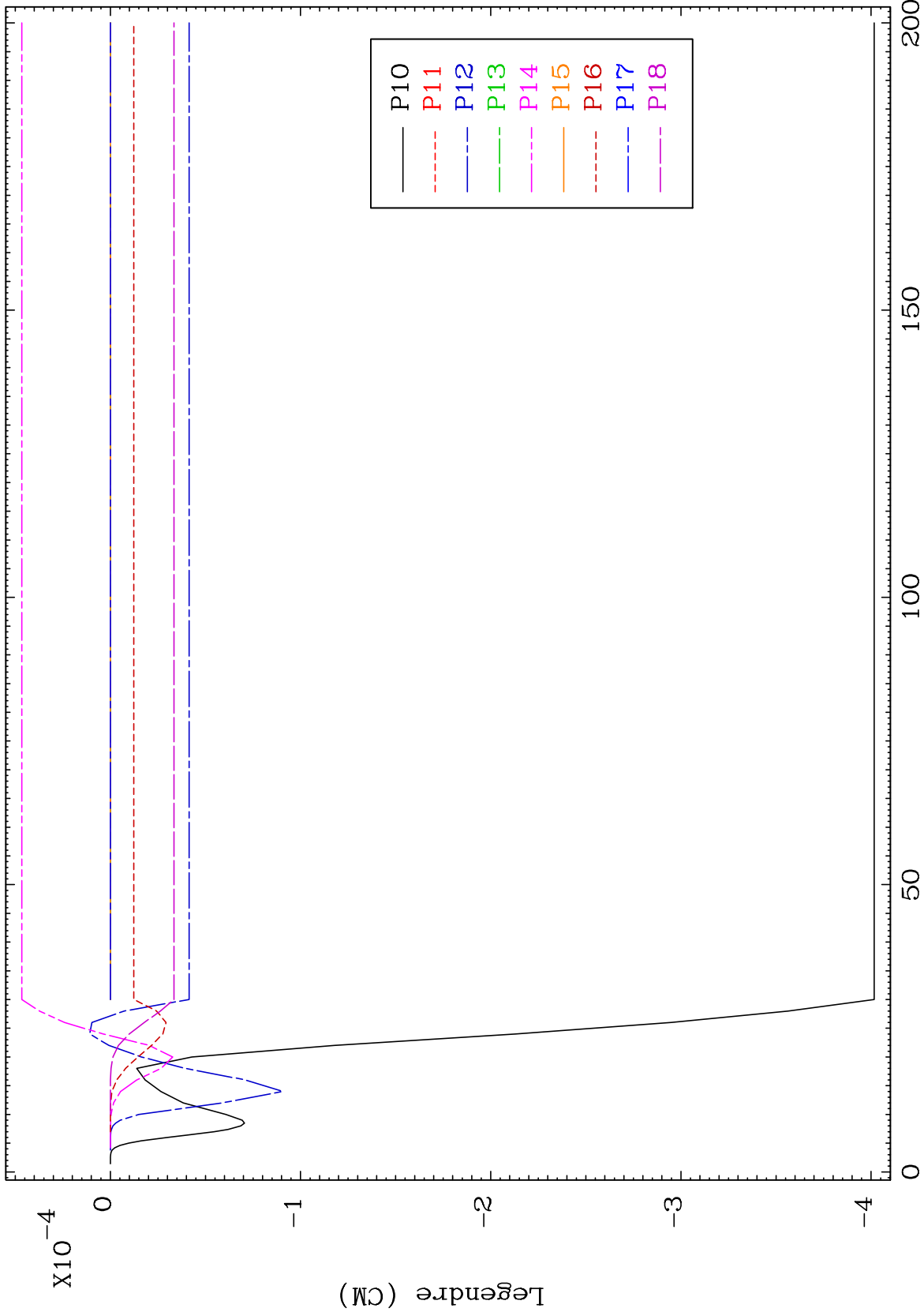




MAT 6252

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

62-Sm-153



33

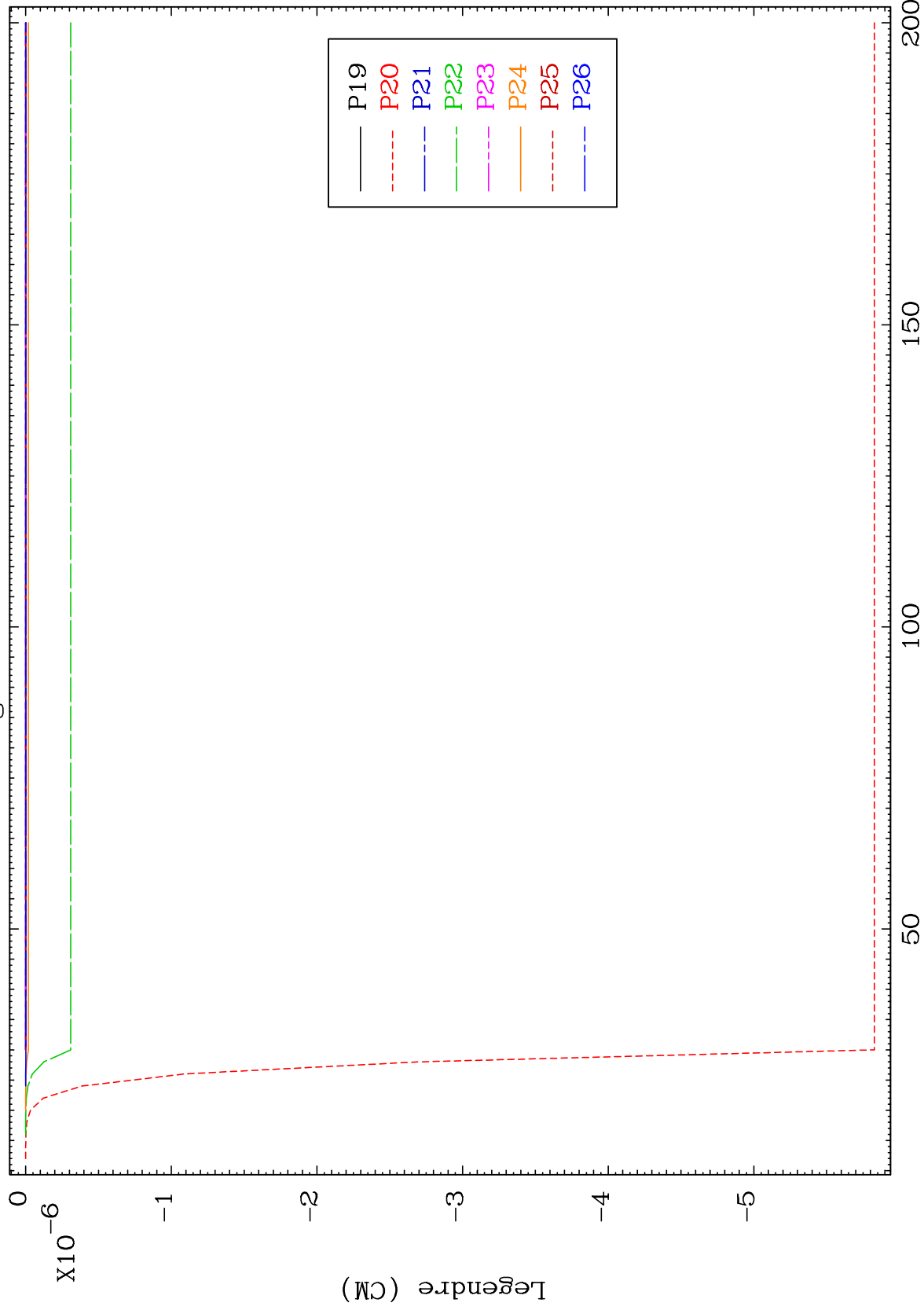
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



34

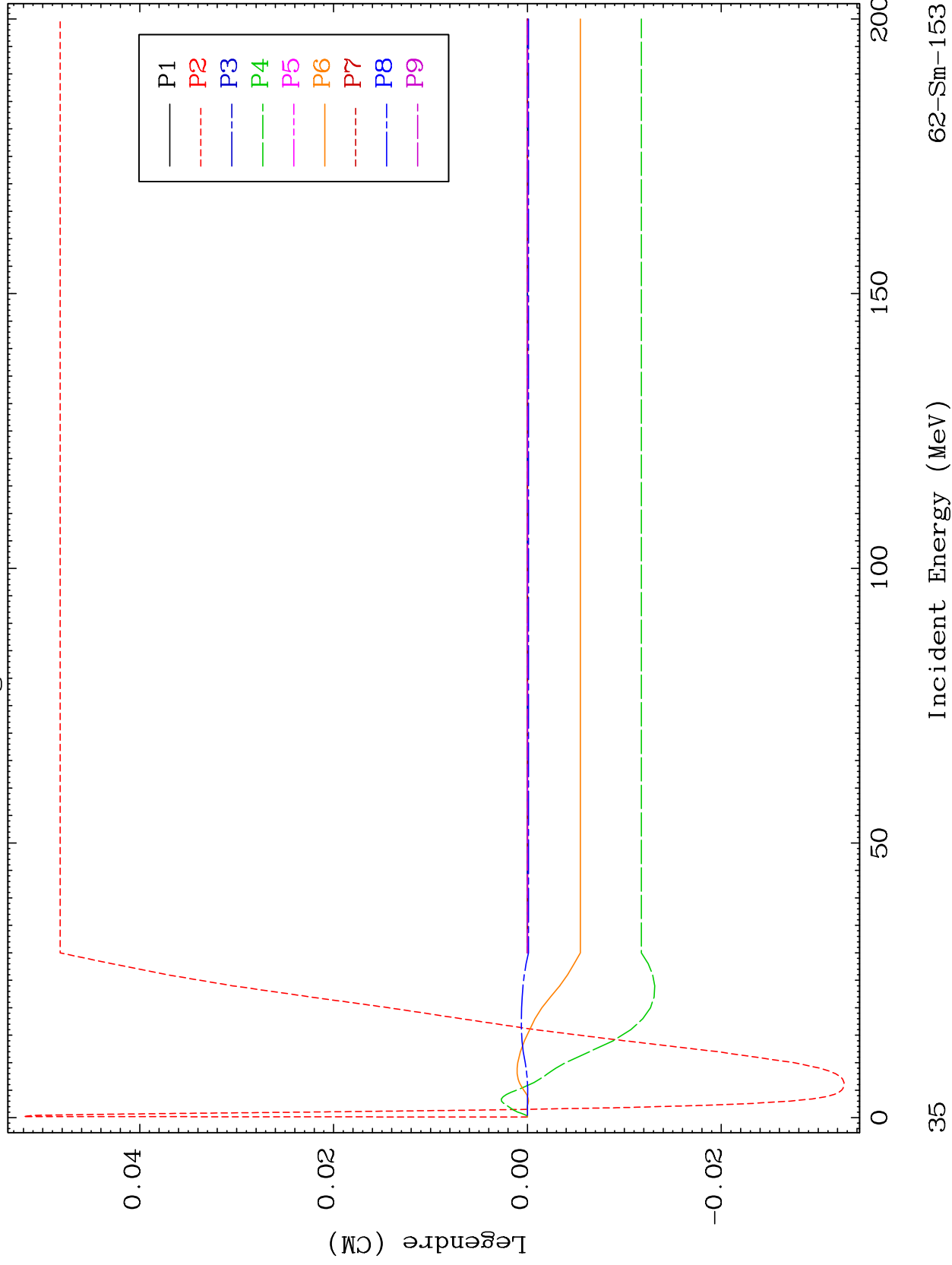
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

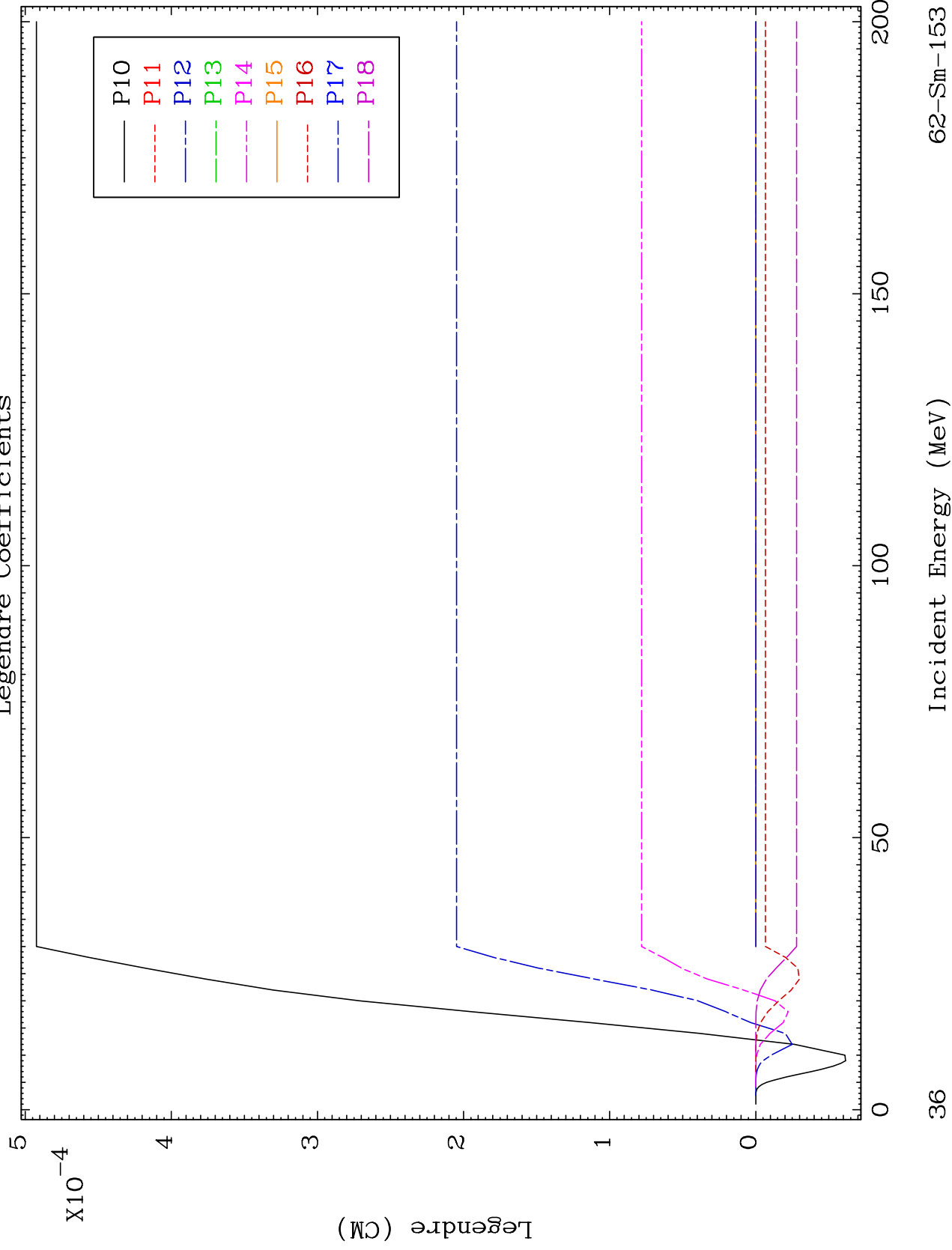
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MAT 6252

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

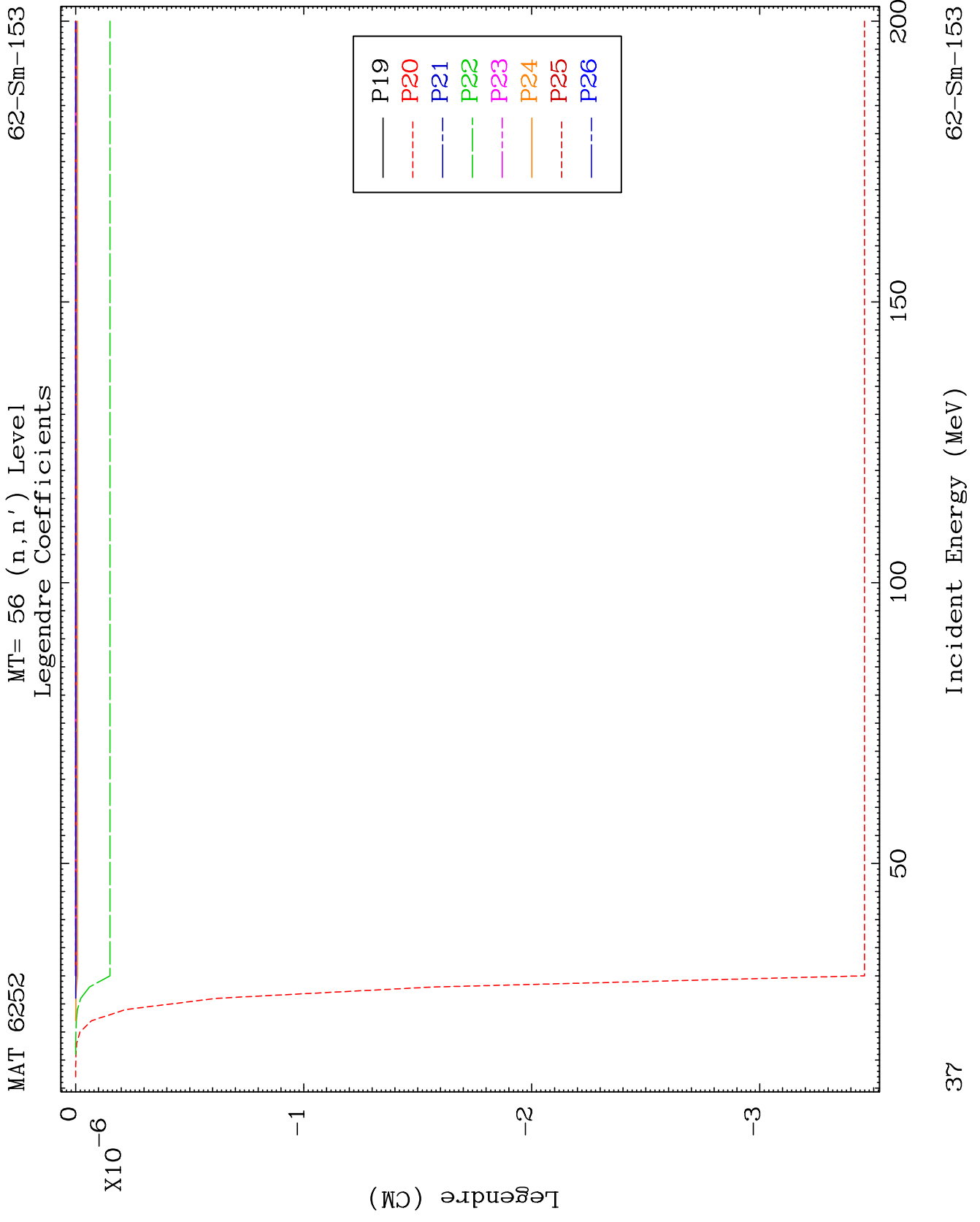
62-Sm-153



62-Sm-153

Incident Energy (MeV)

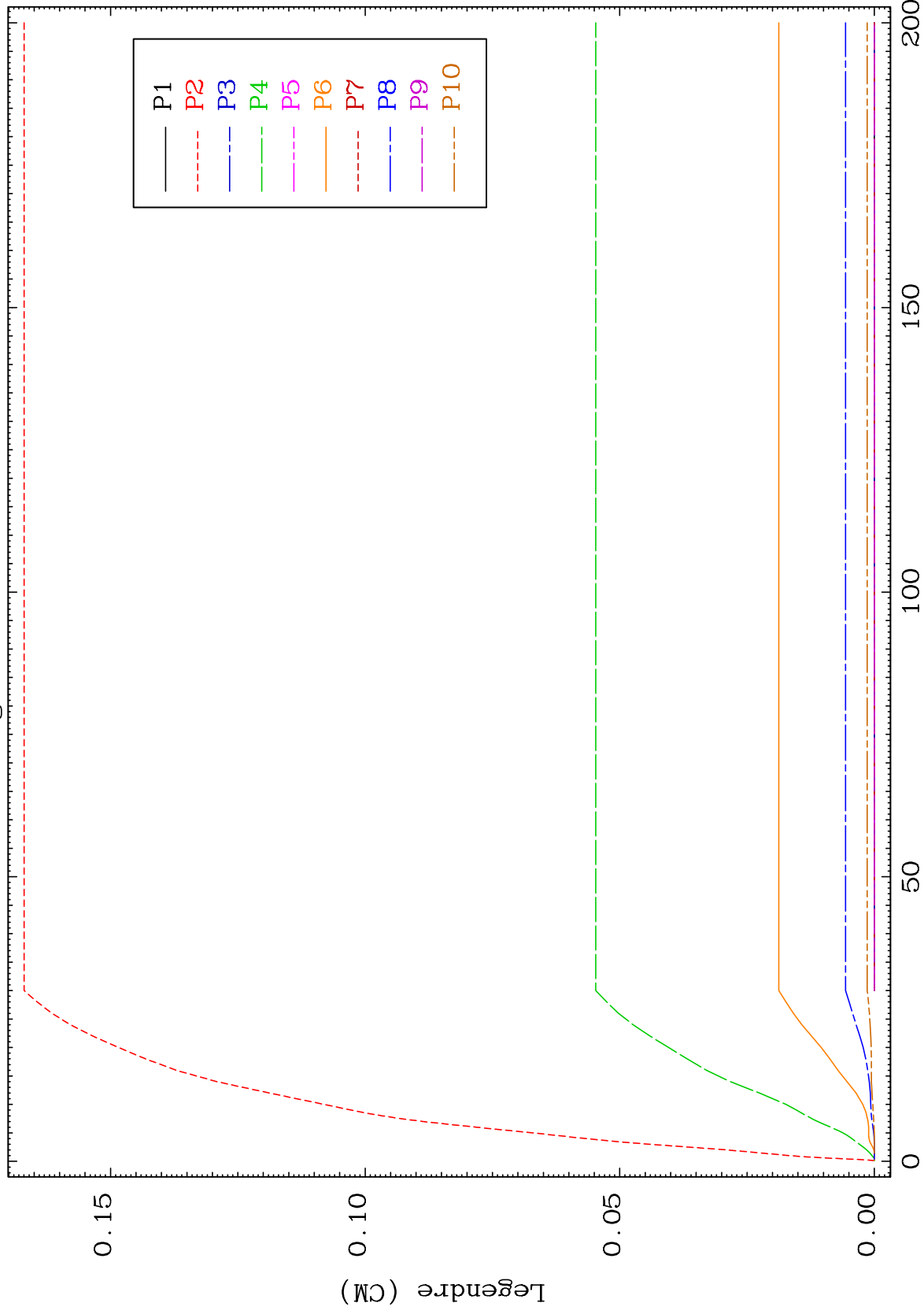
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MAT 6252

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

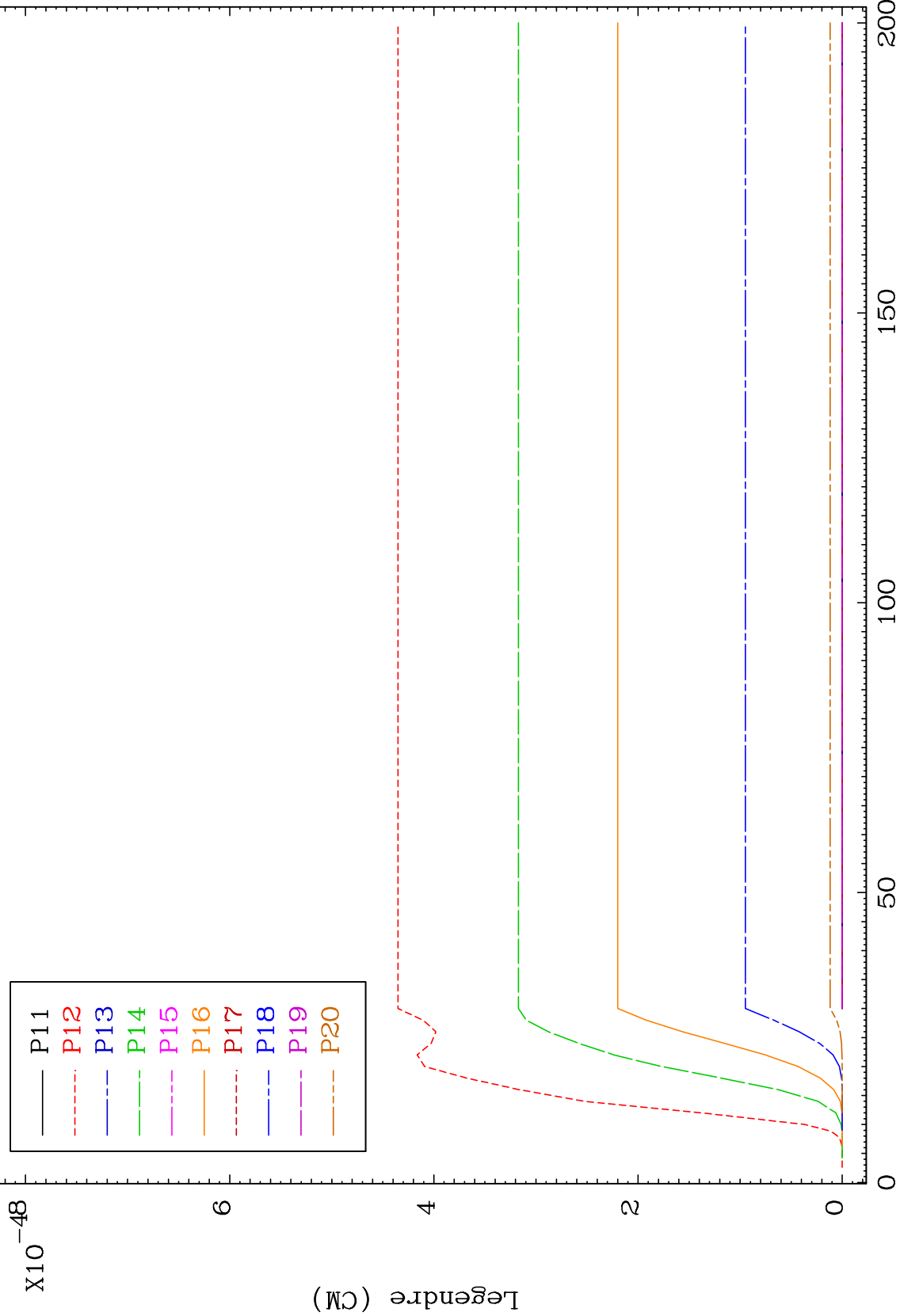
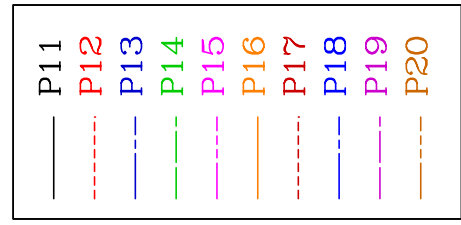
62-Sm-153



62-Sm-153

Incident Energy (MeV)

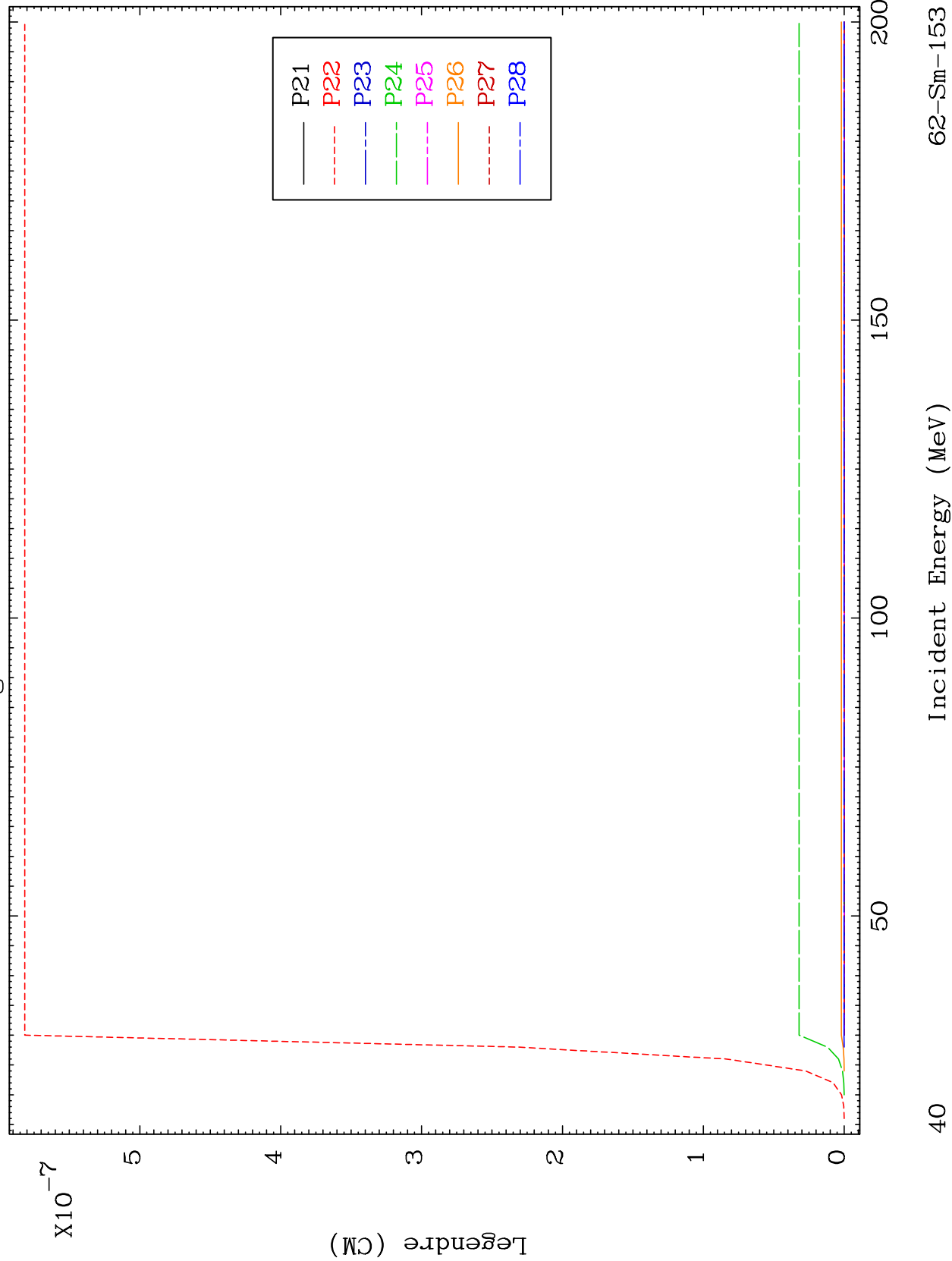
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MAT 6252

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

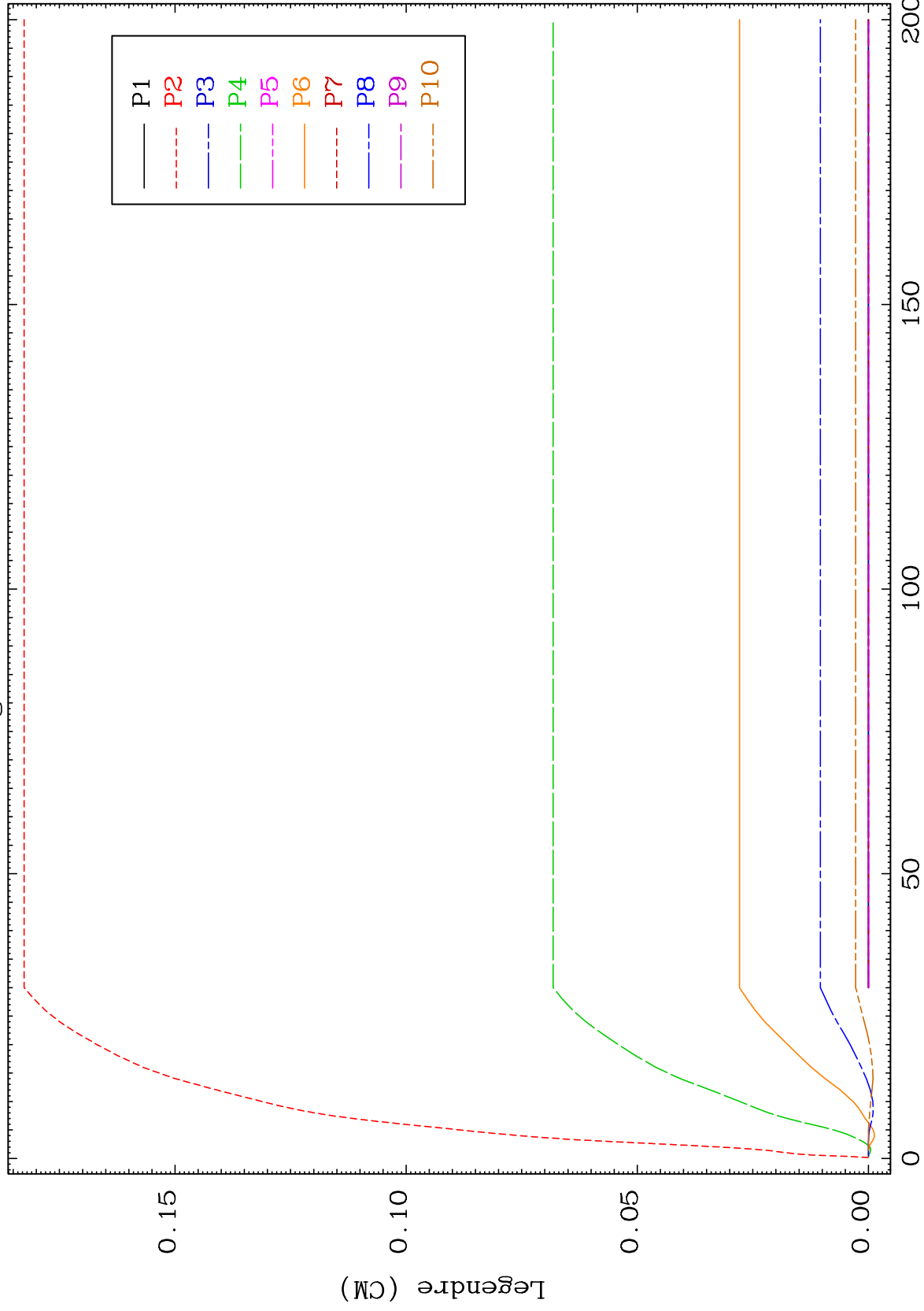
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MAT 6252

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

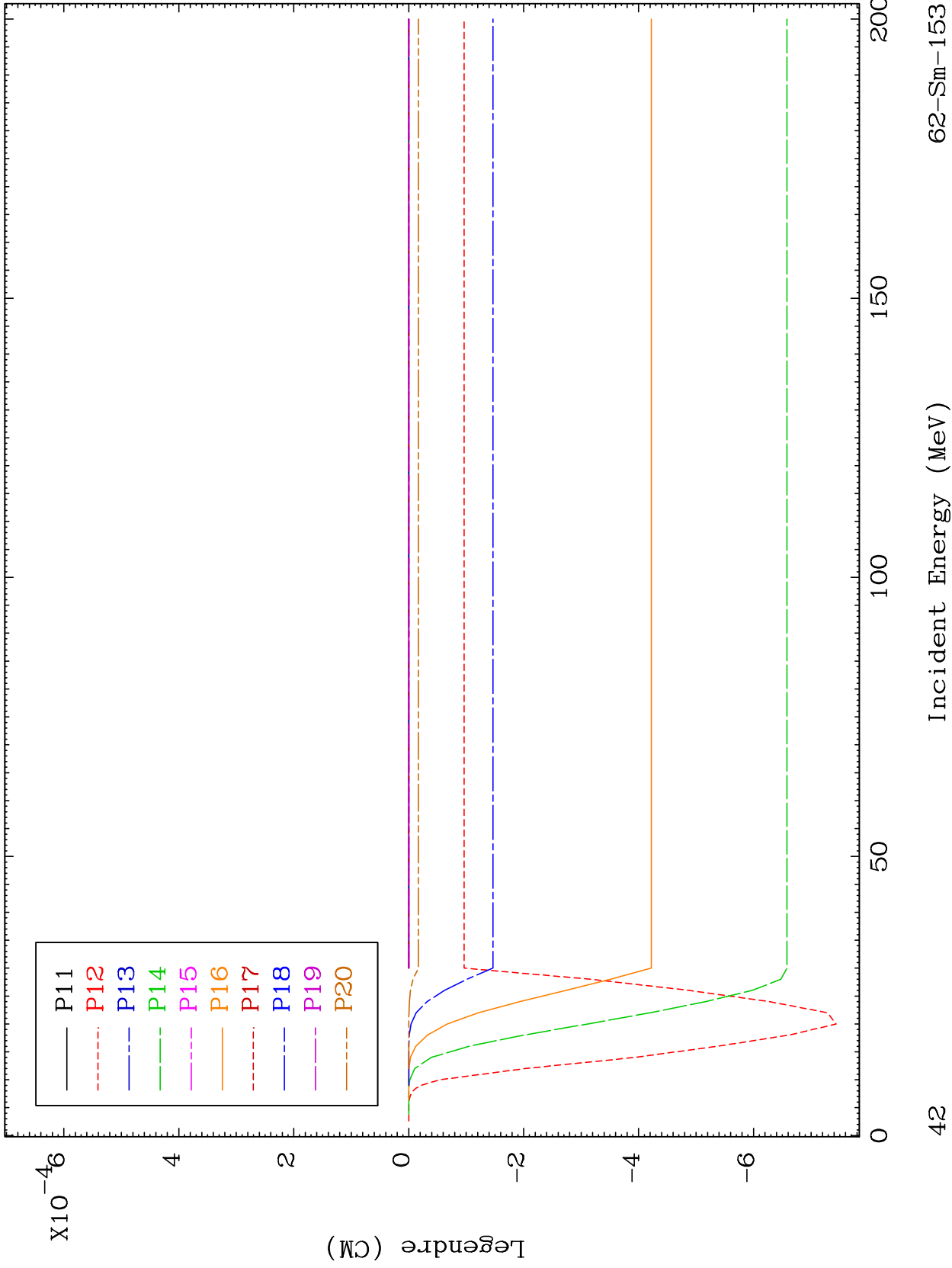
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41

Incident Energy (MeV)

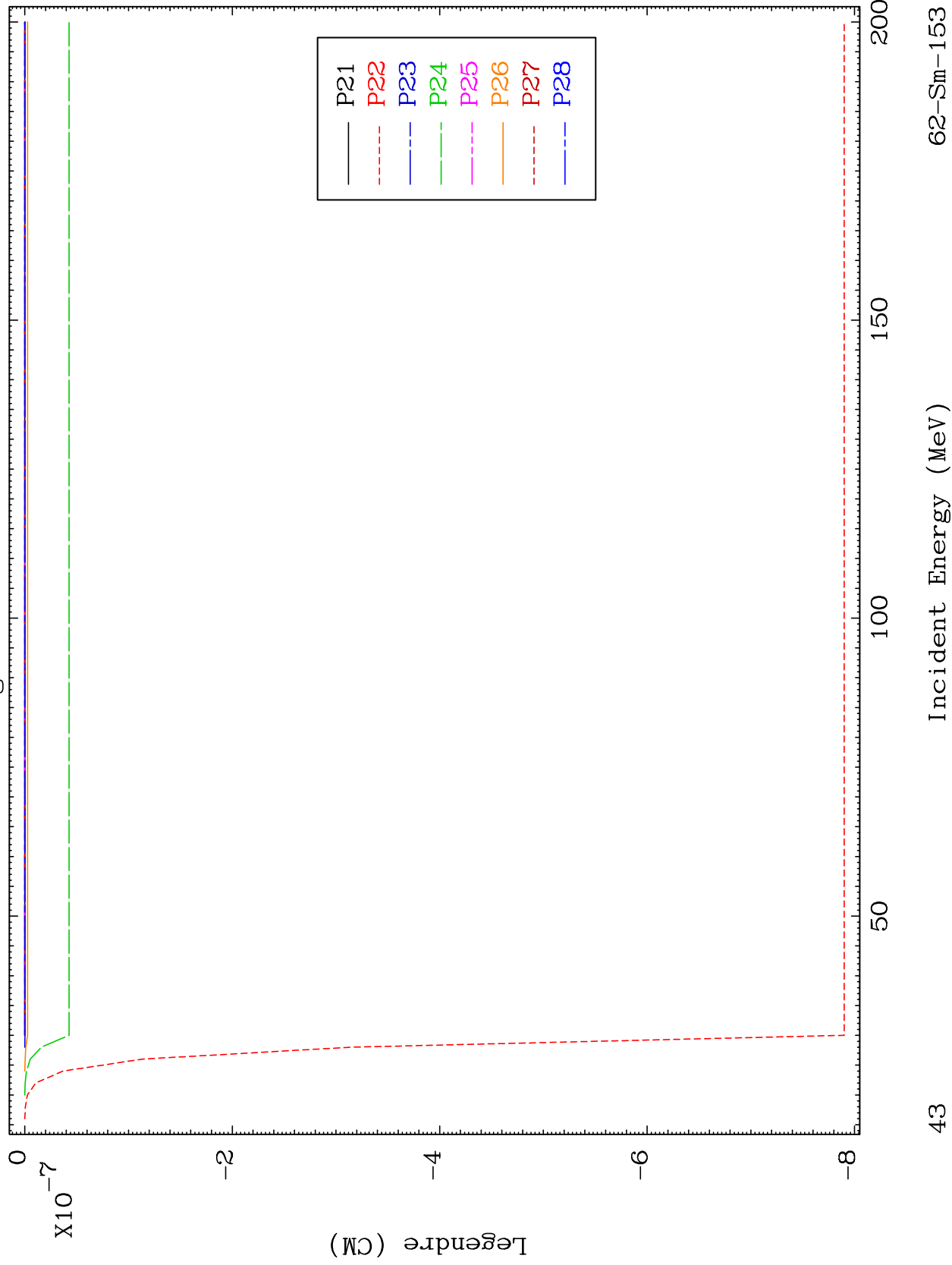
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MAT 6252

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

62-Sm-153



43

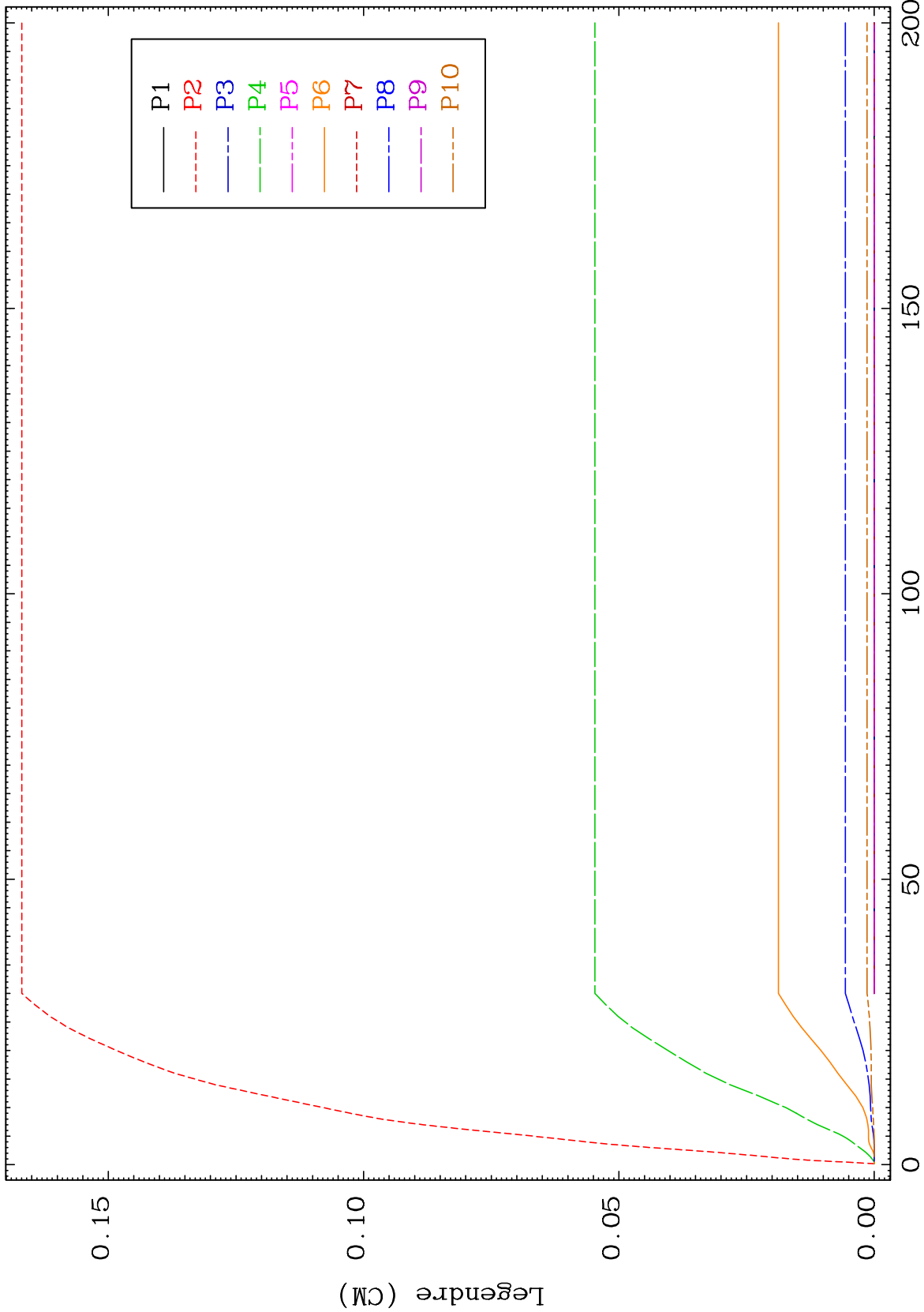
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



44

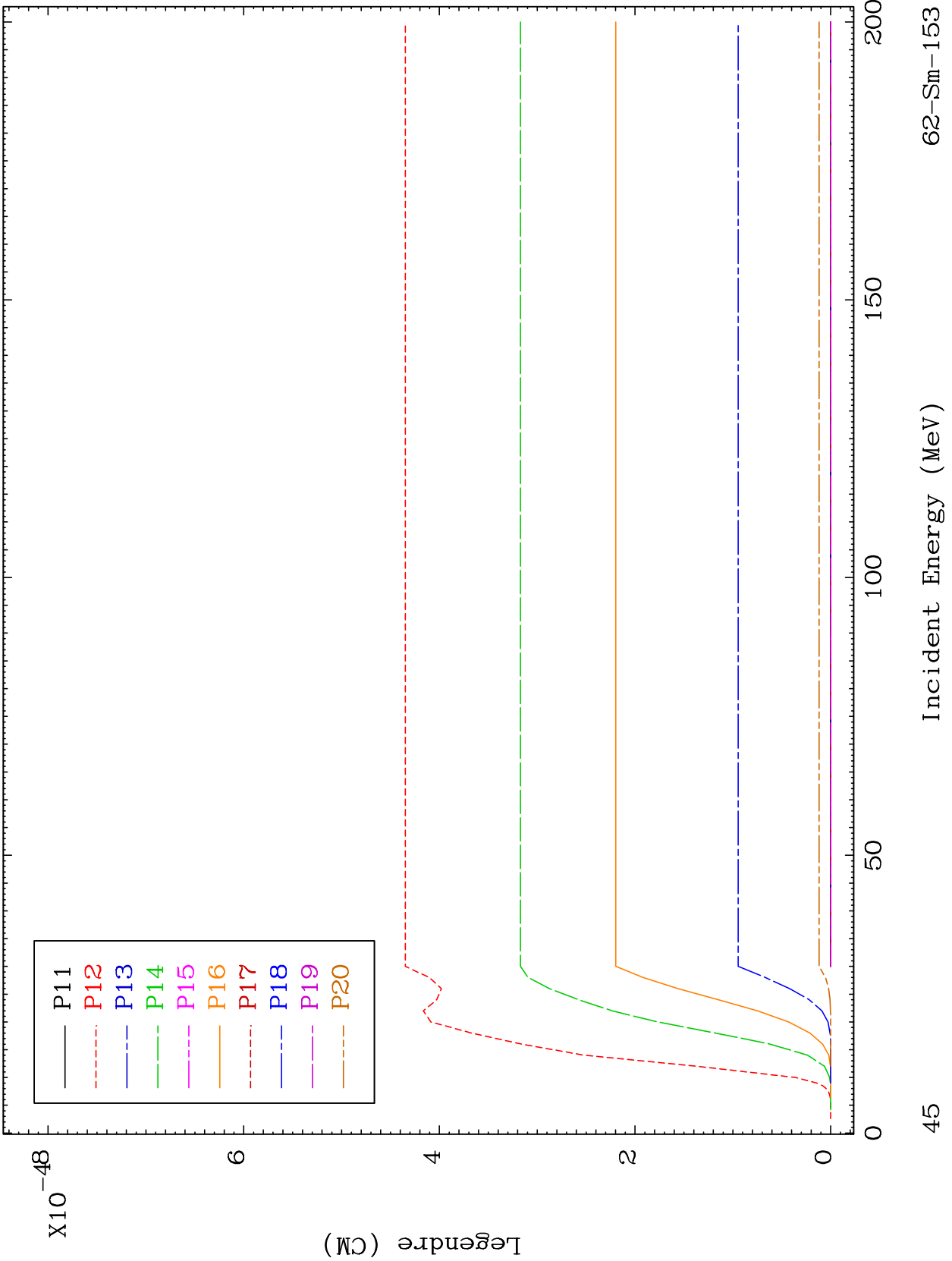
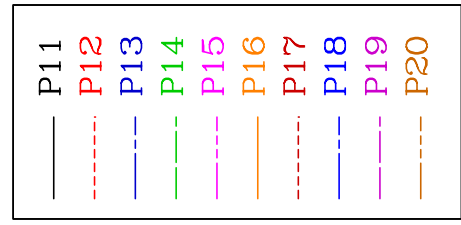
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

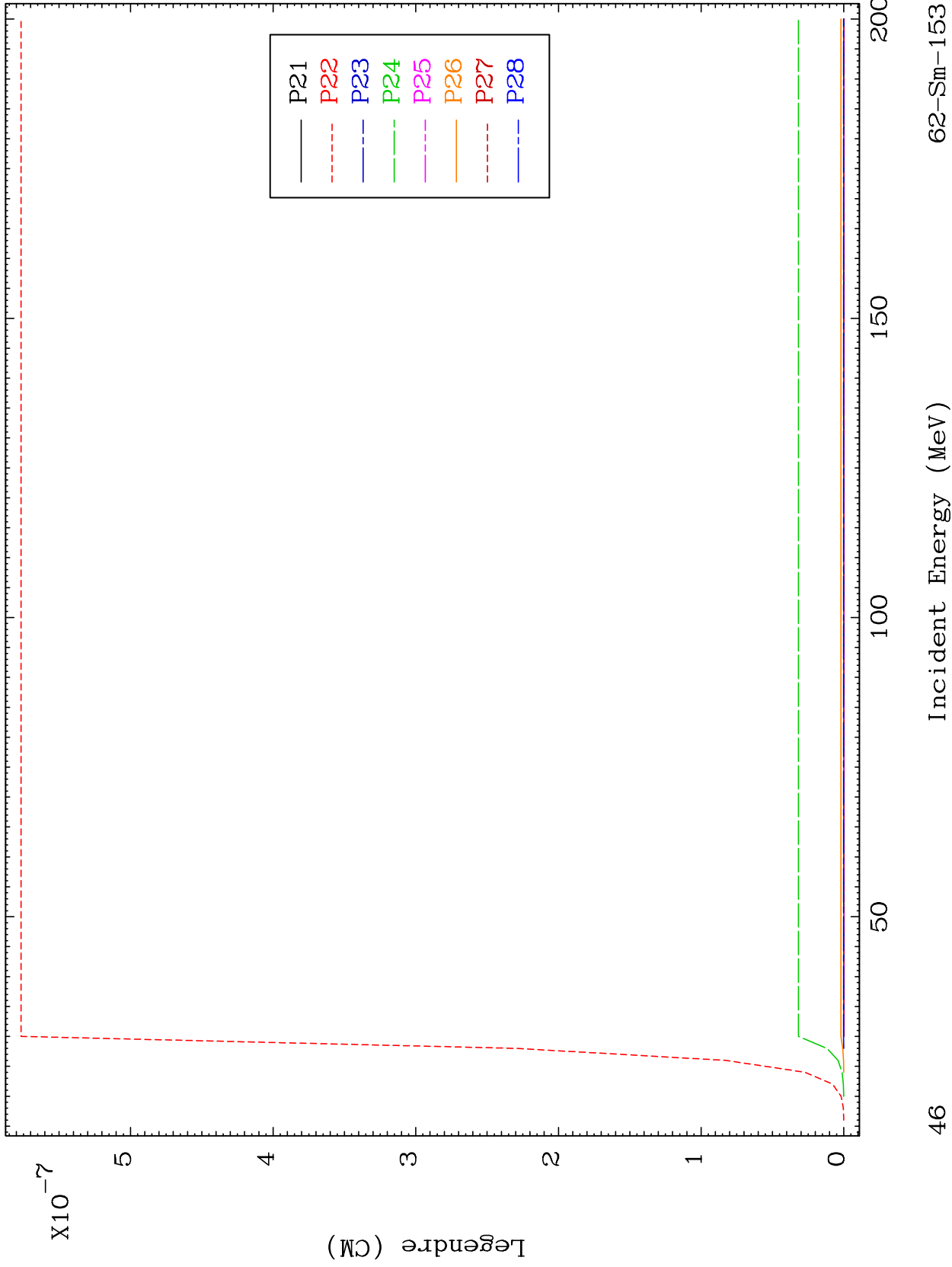


62-Sm-153

MAT 6252

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

62-Sm-153



46

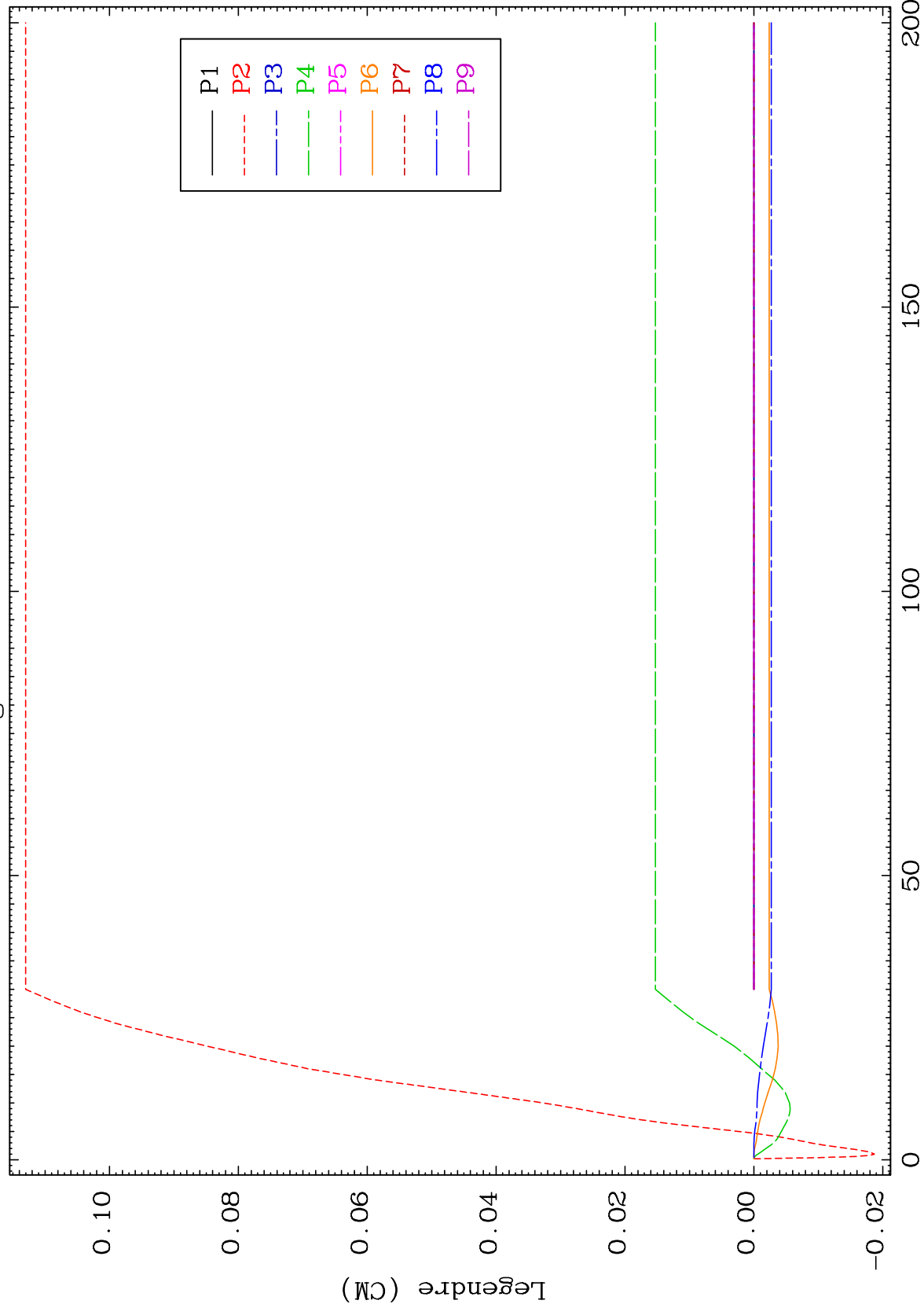
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

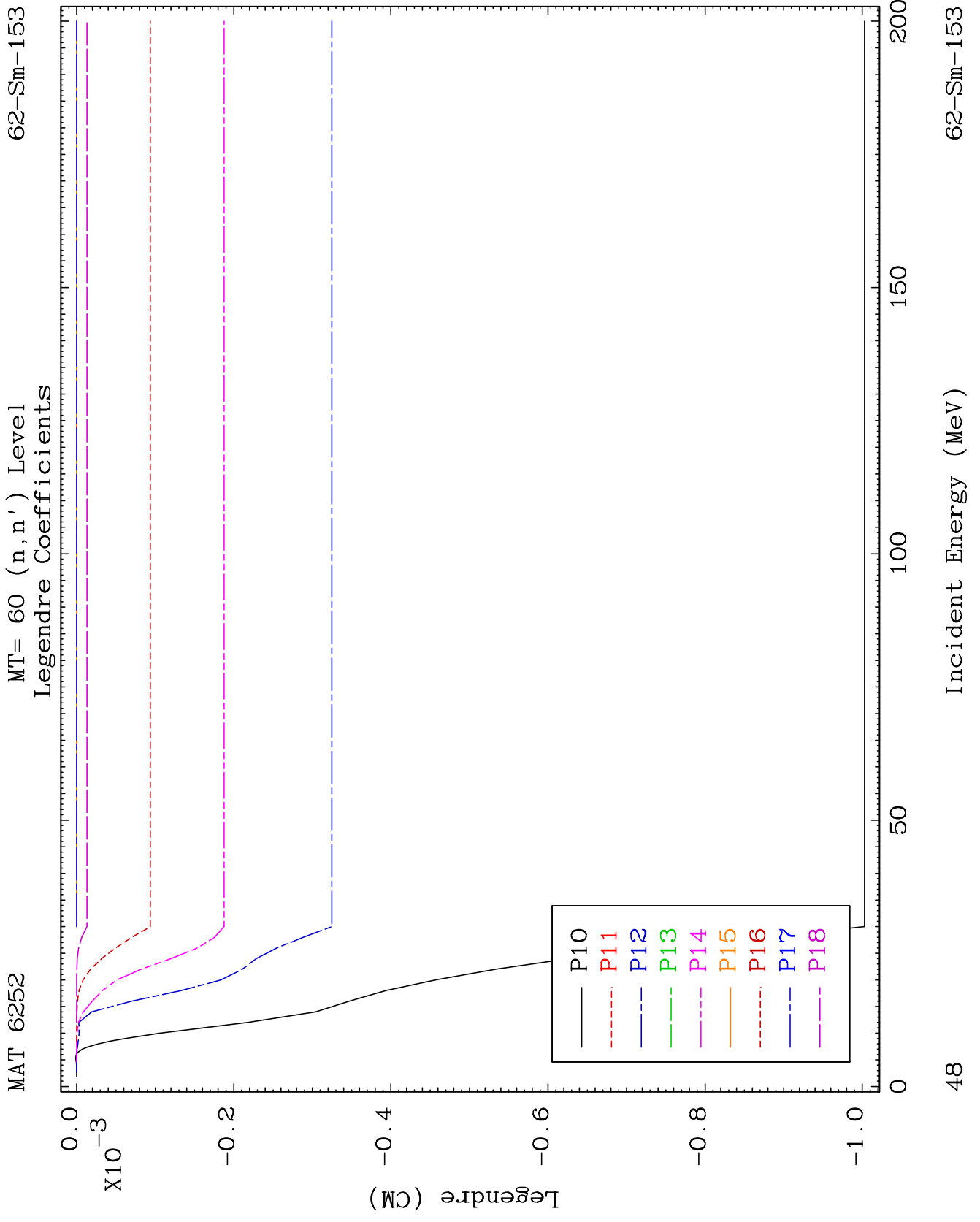
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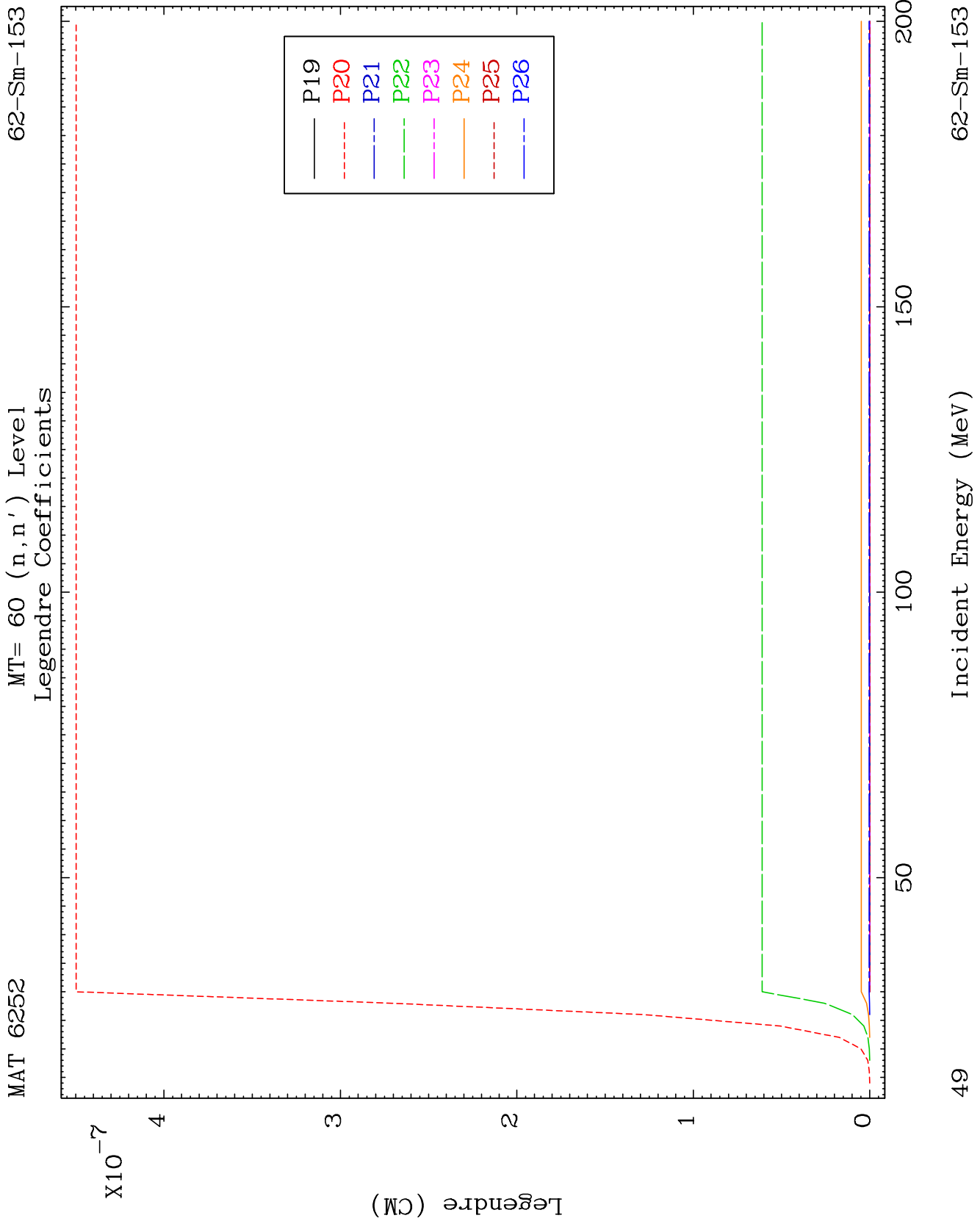


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Incident Energy (MeV)

62-Sm-153

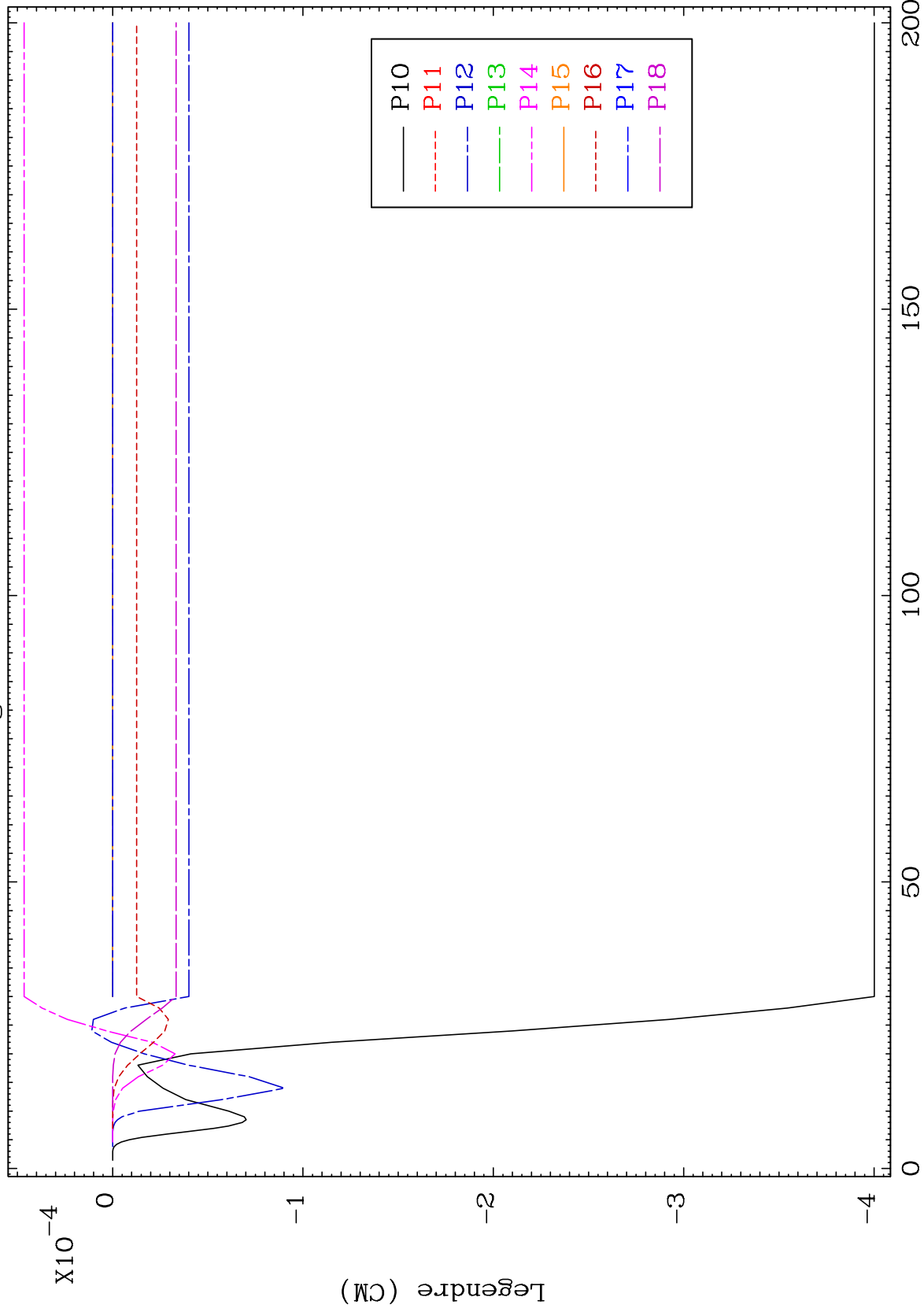




MAT 6252

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

62-Sm-153



51

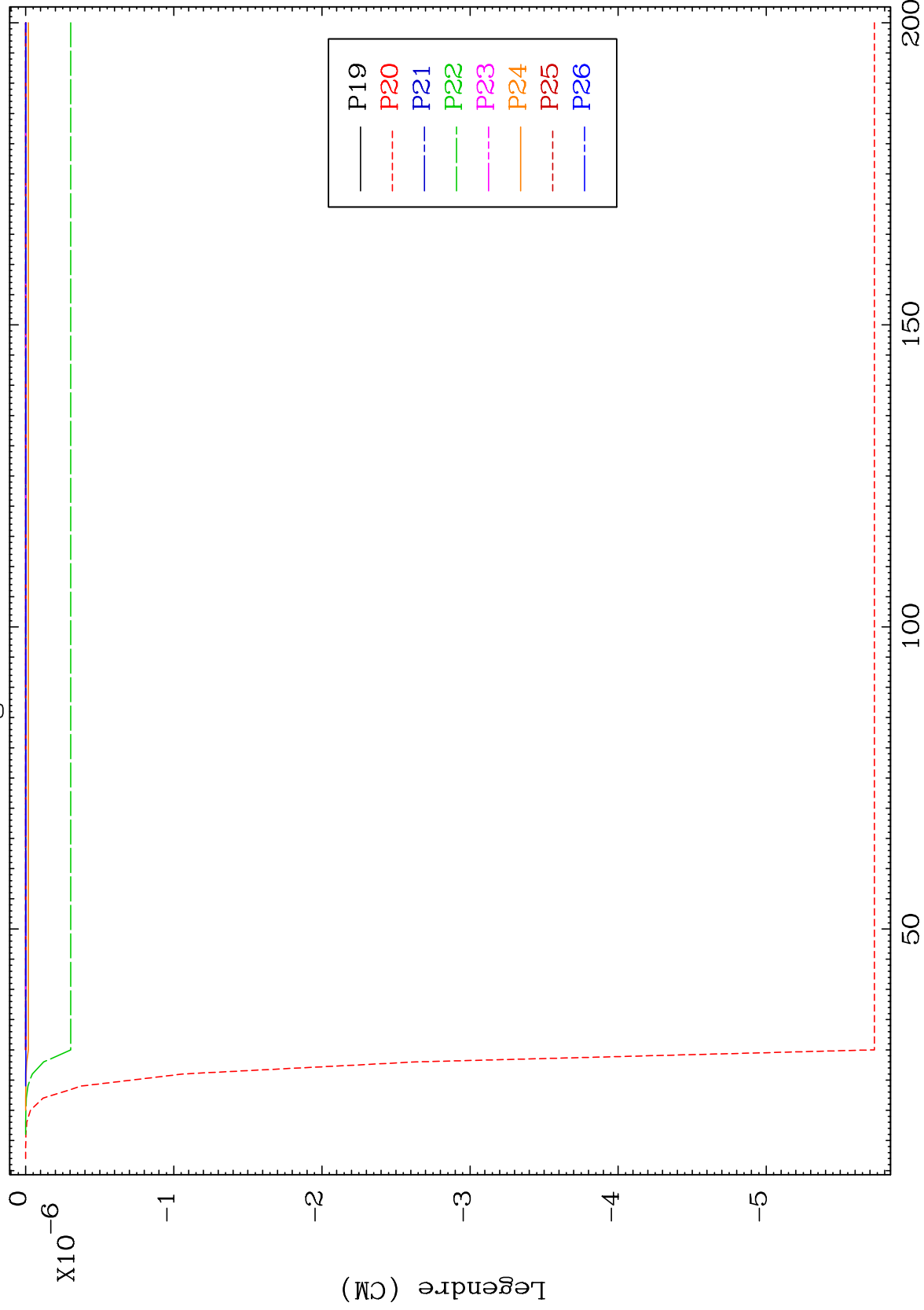
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



52

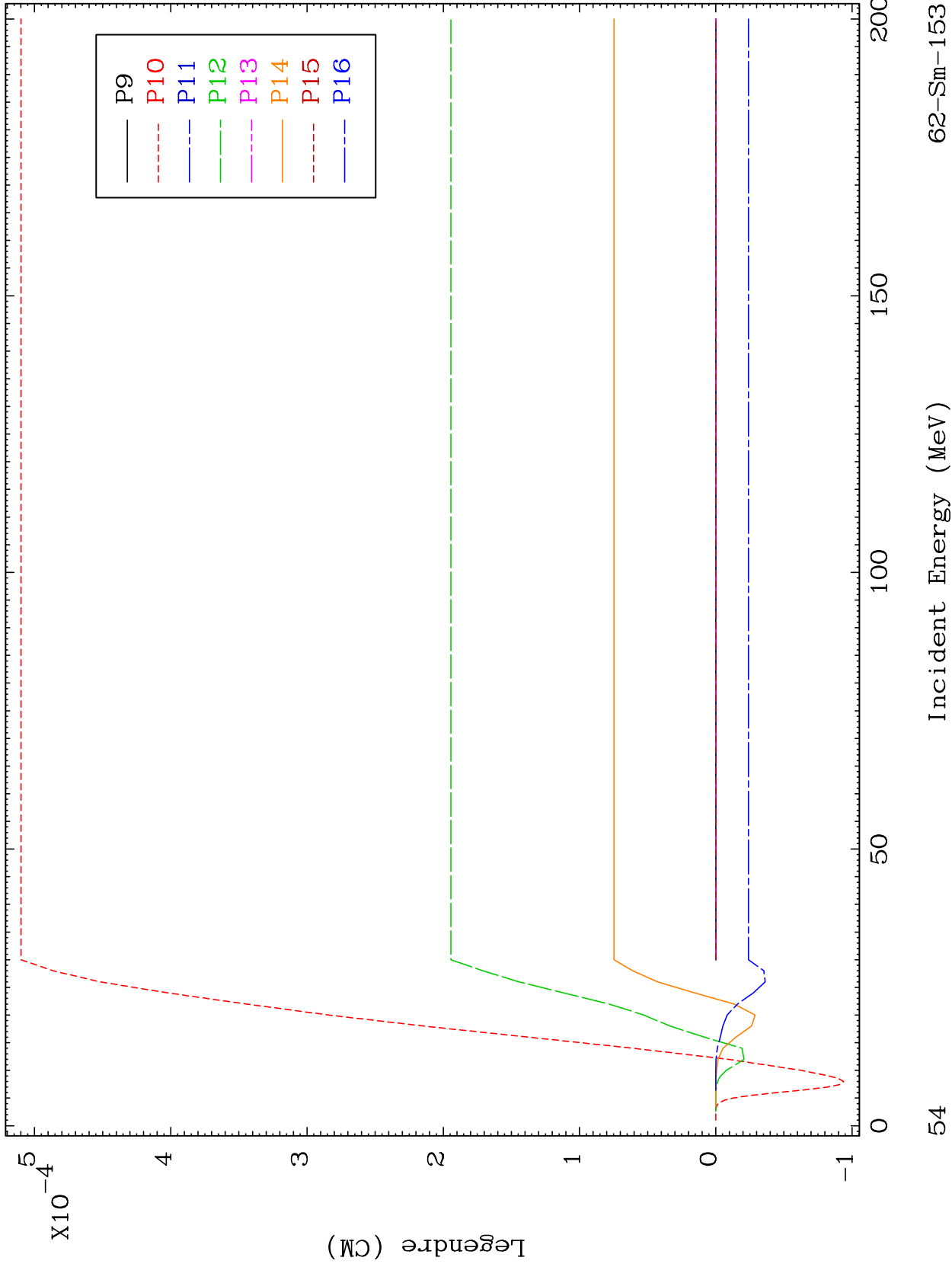
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

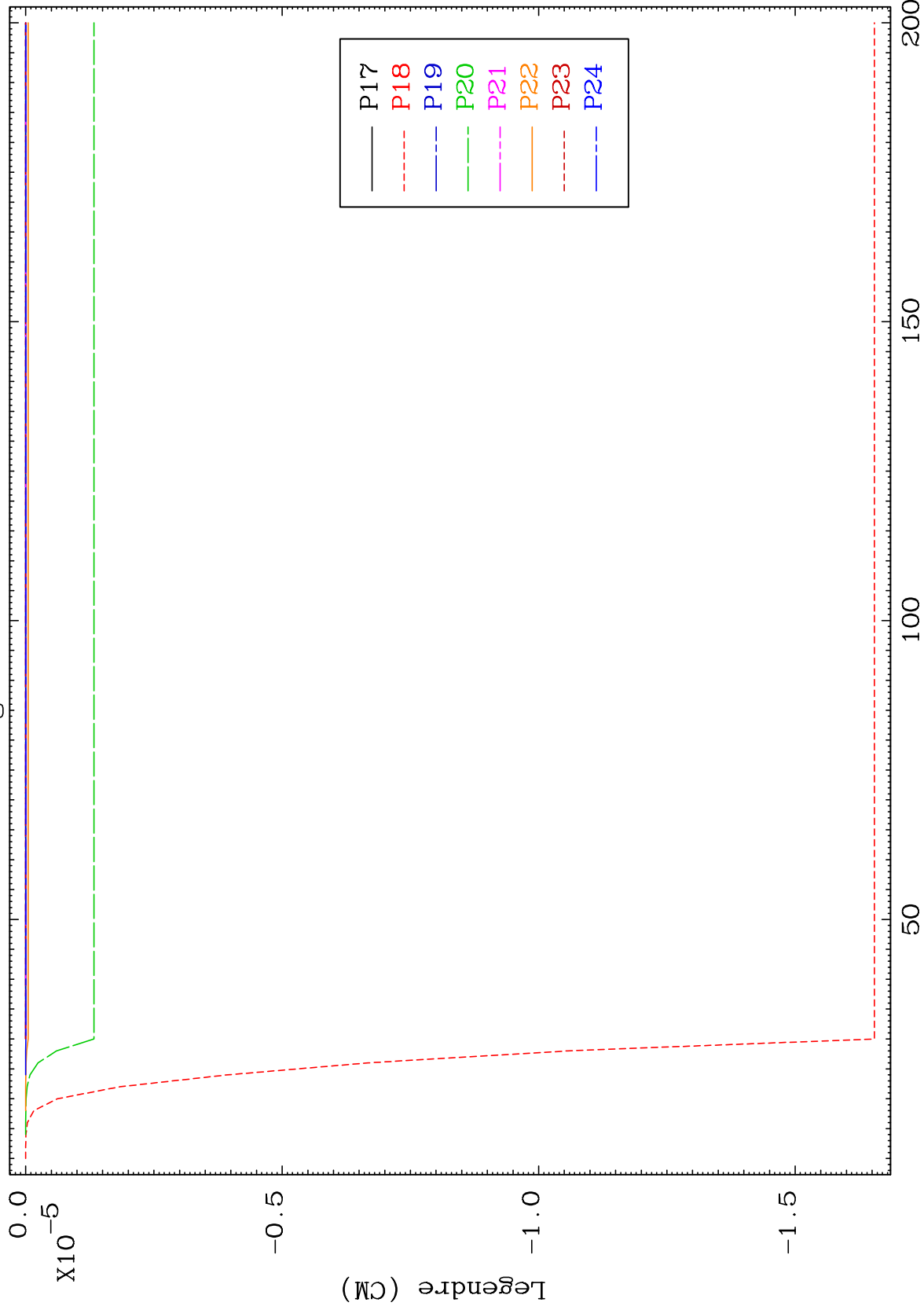
62-Sm-153



MAT 6252

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

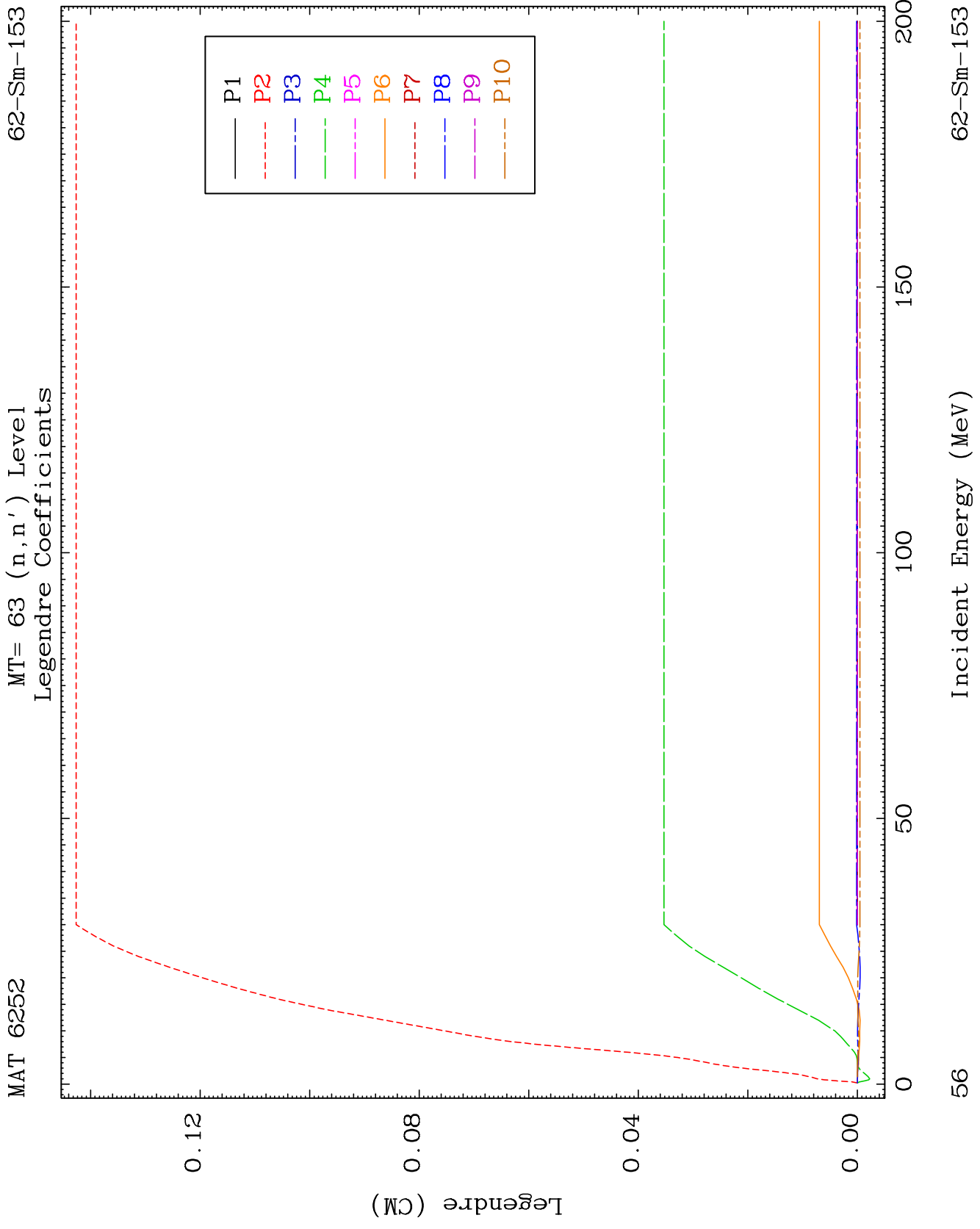
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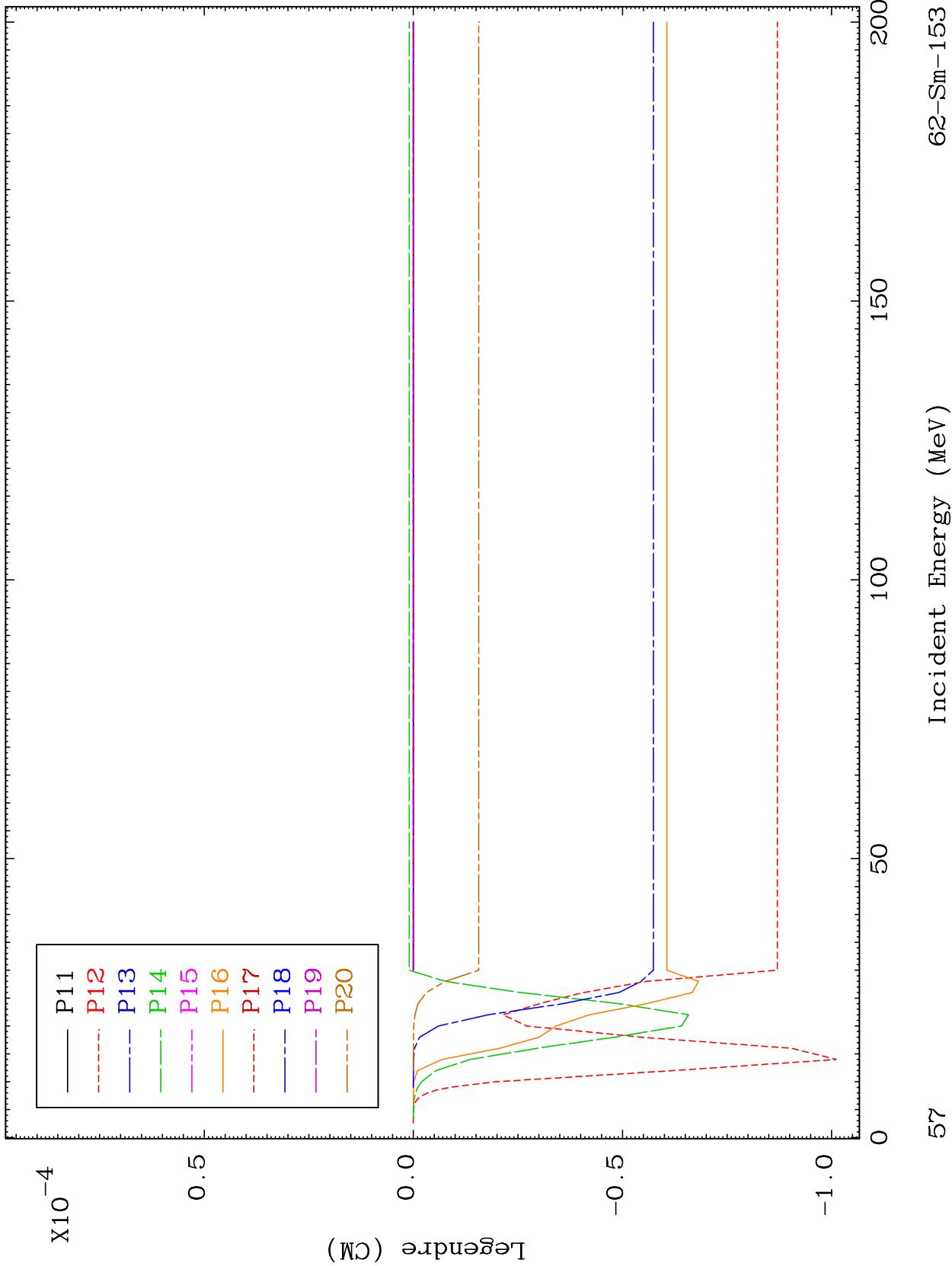


62-Sm-153

Incident Energy (MeV)

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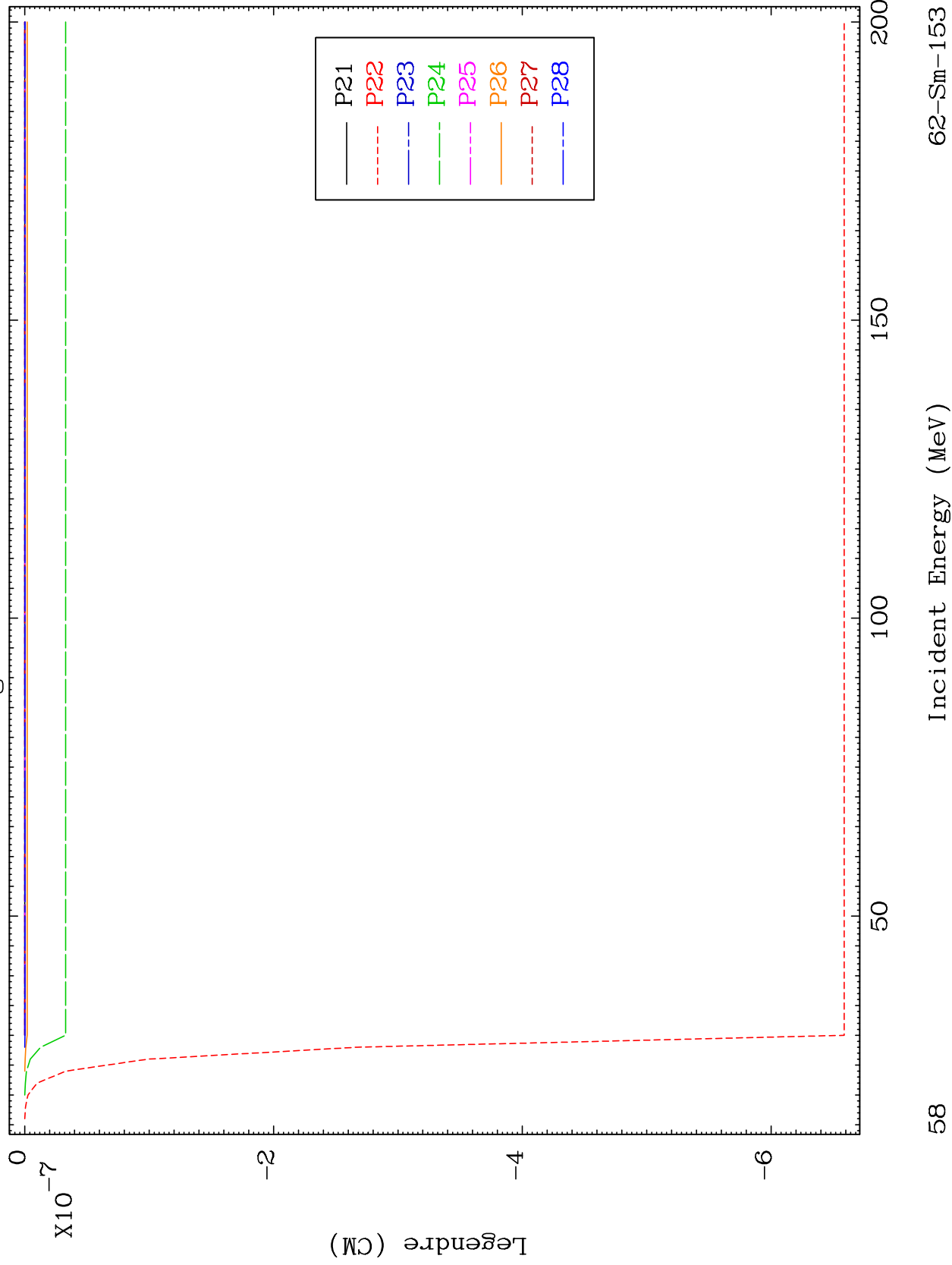




MAT 6252

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

62-Sm-153



58

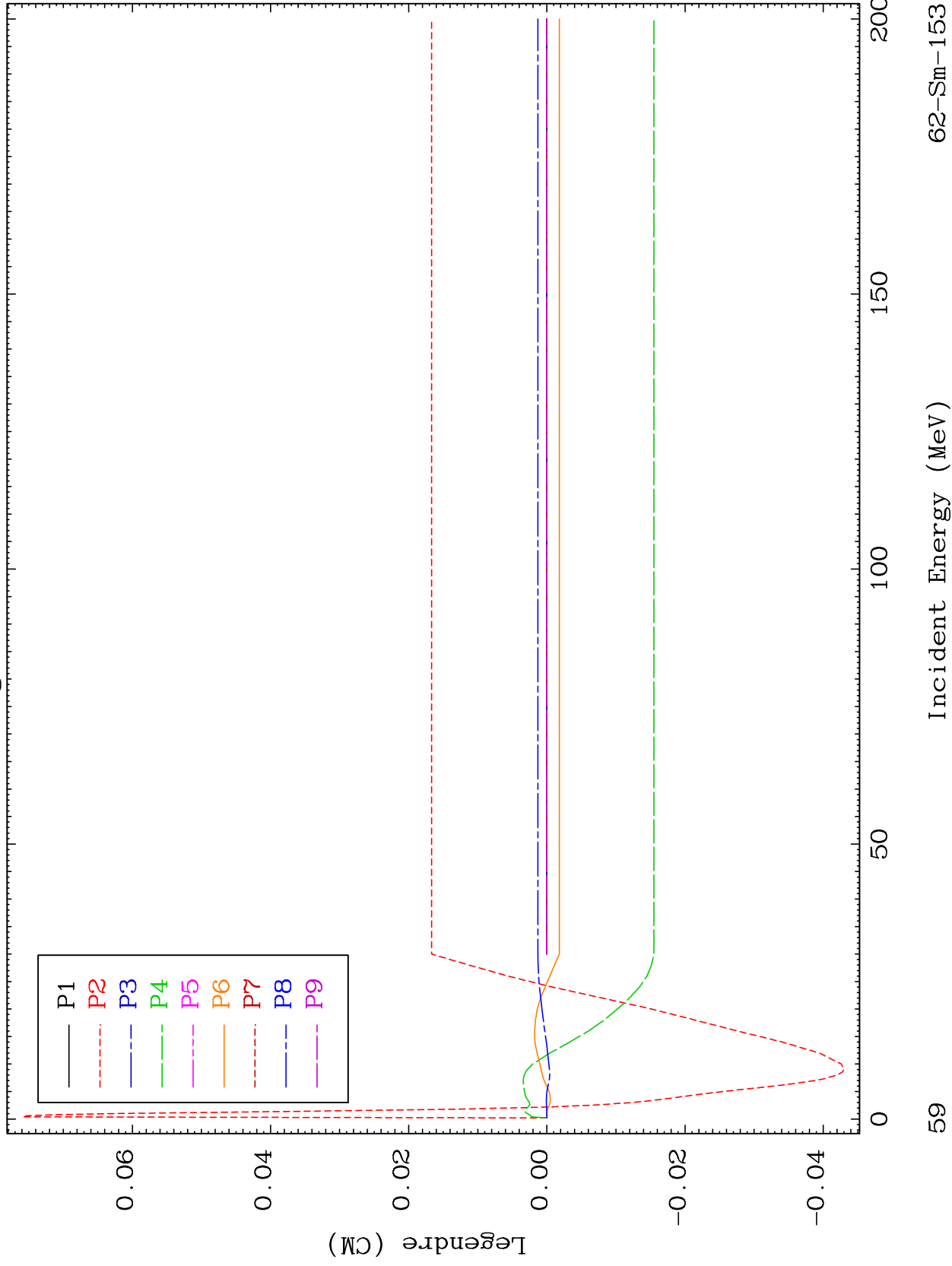
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

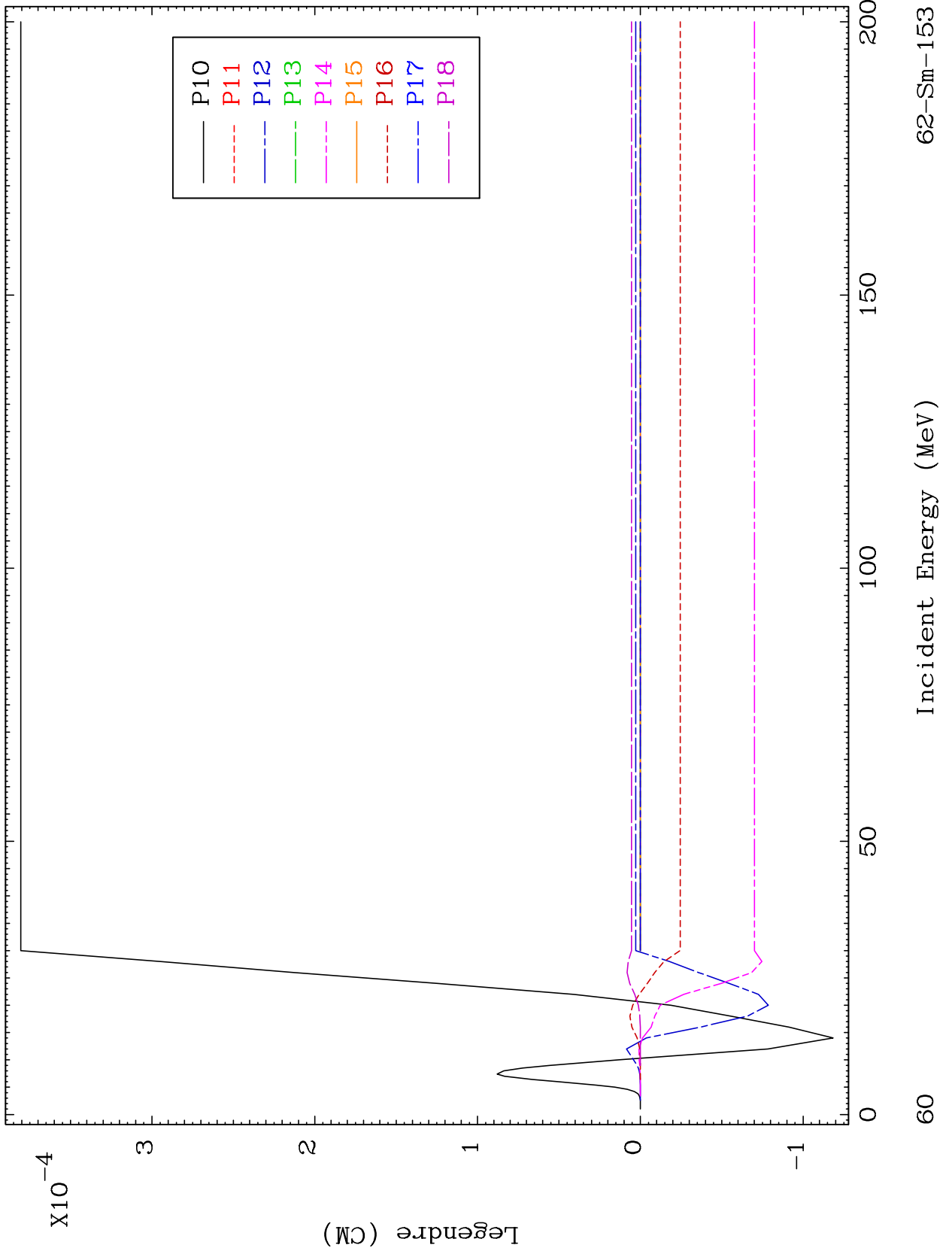
Incident Energy (MeV)

59

MAT 6252

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

62-Sm-153



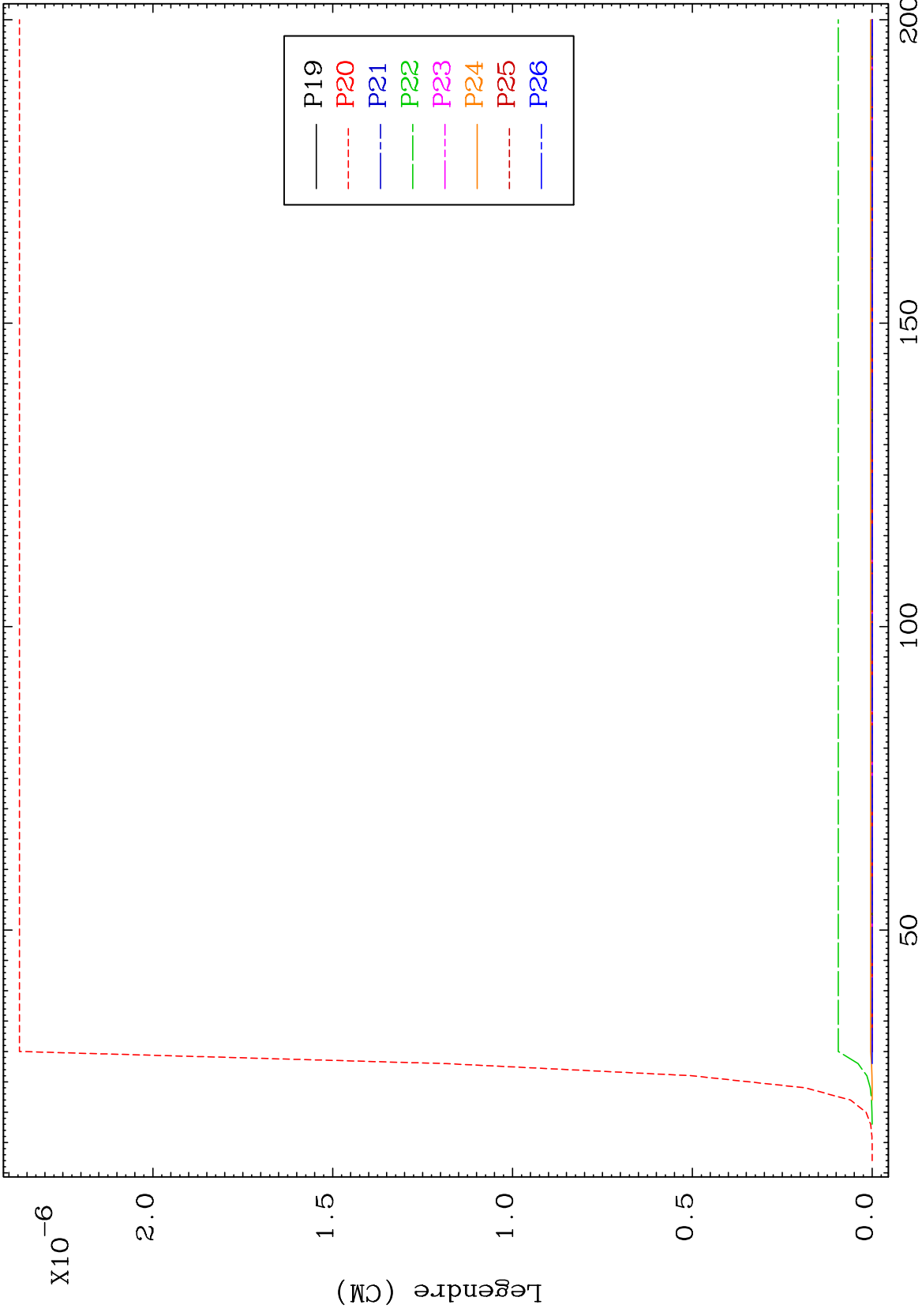
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Incident Energy (MeV)

MAT 6252

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

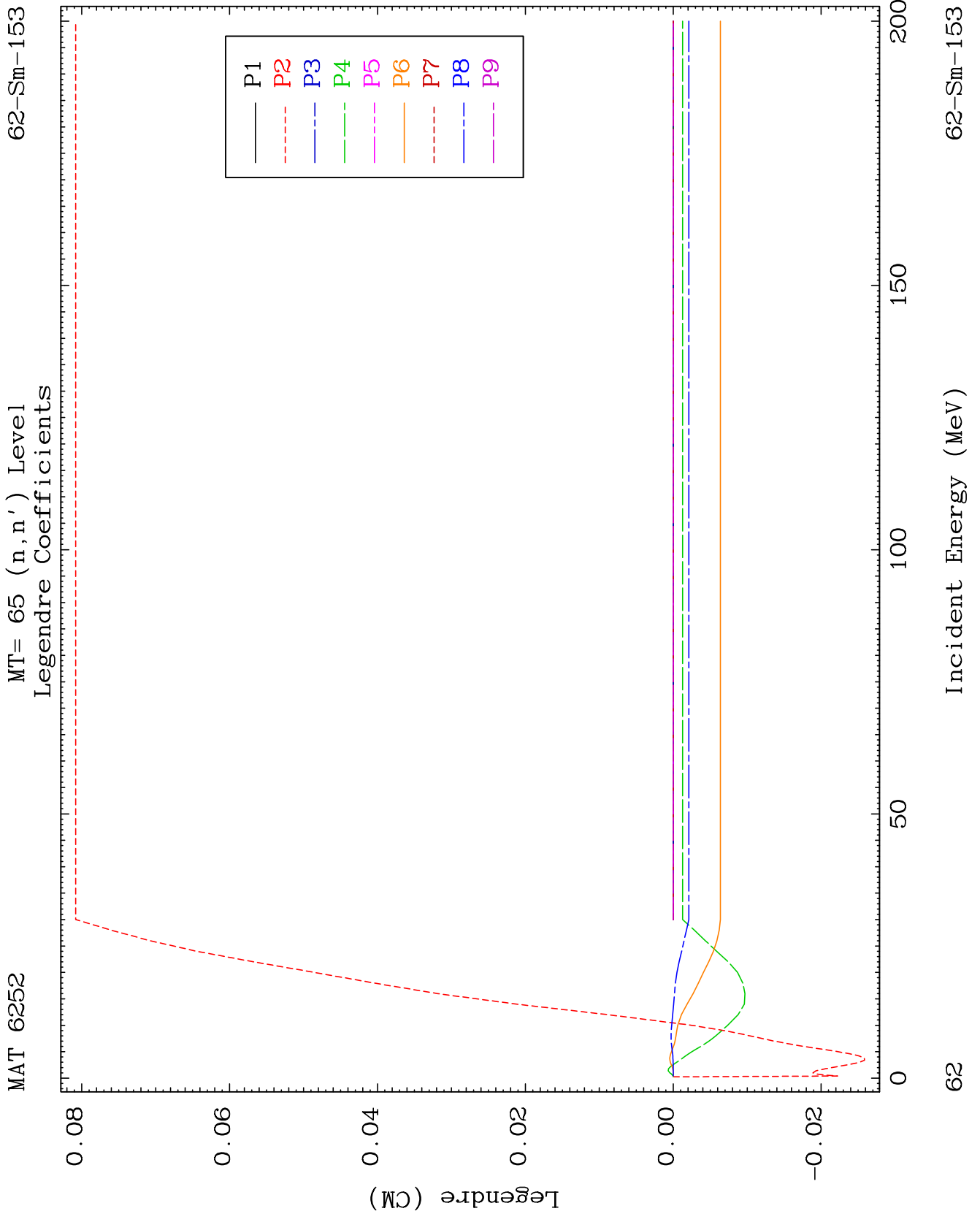
62-Sm-153



61

Incident Energy (MeV)

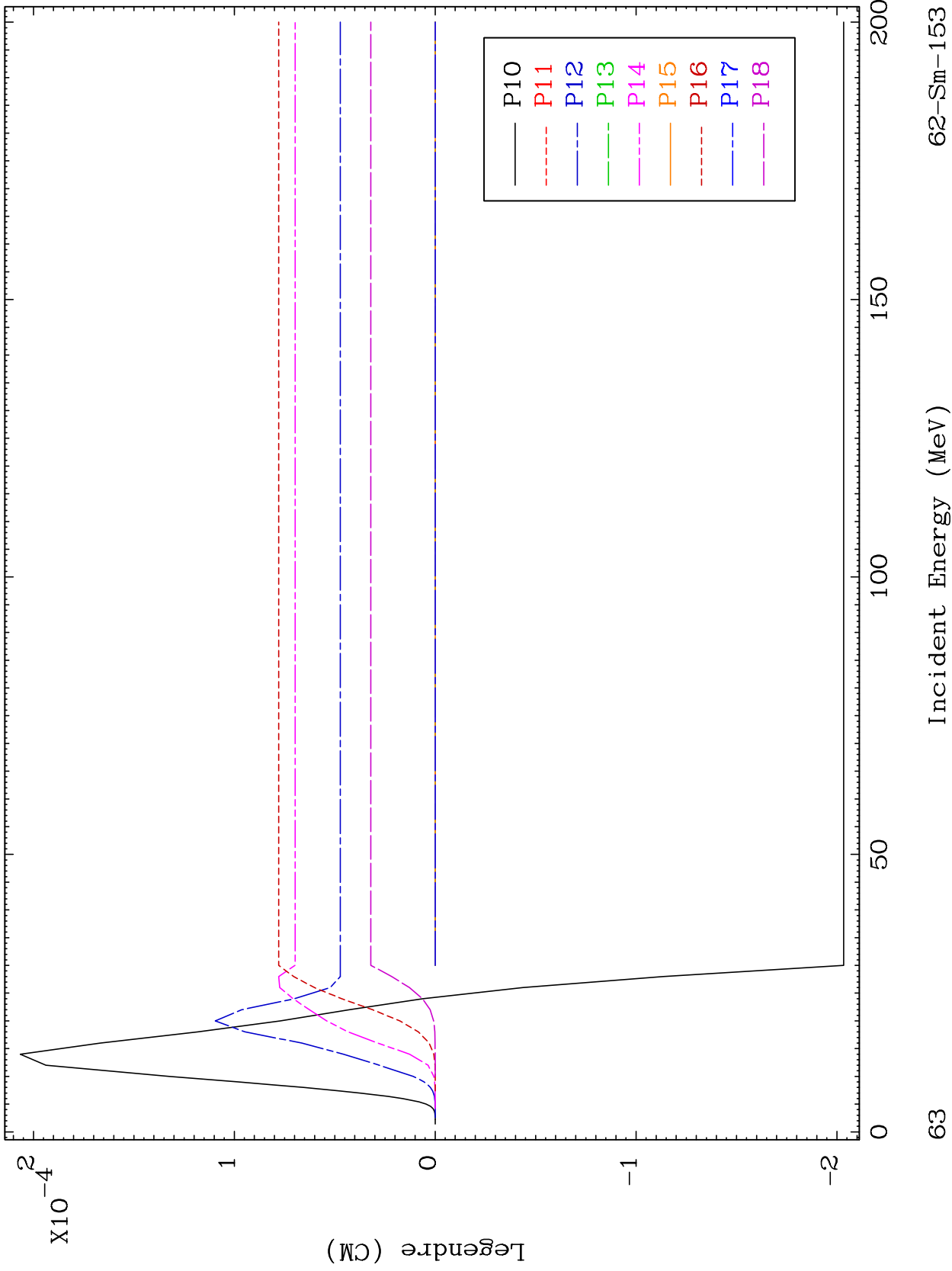
62-Sm-153



MAT 6252

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

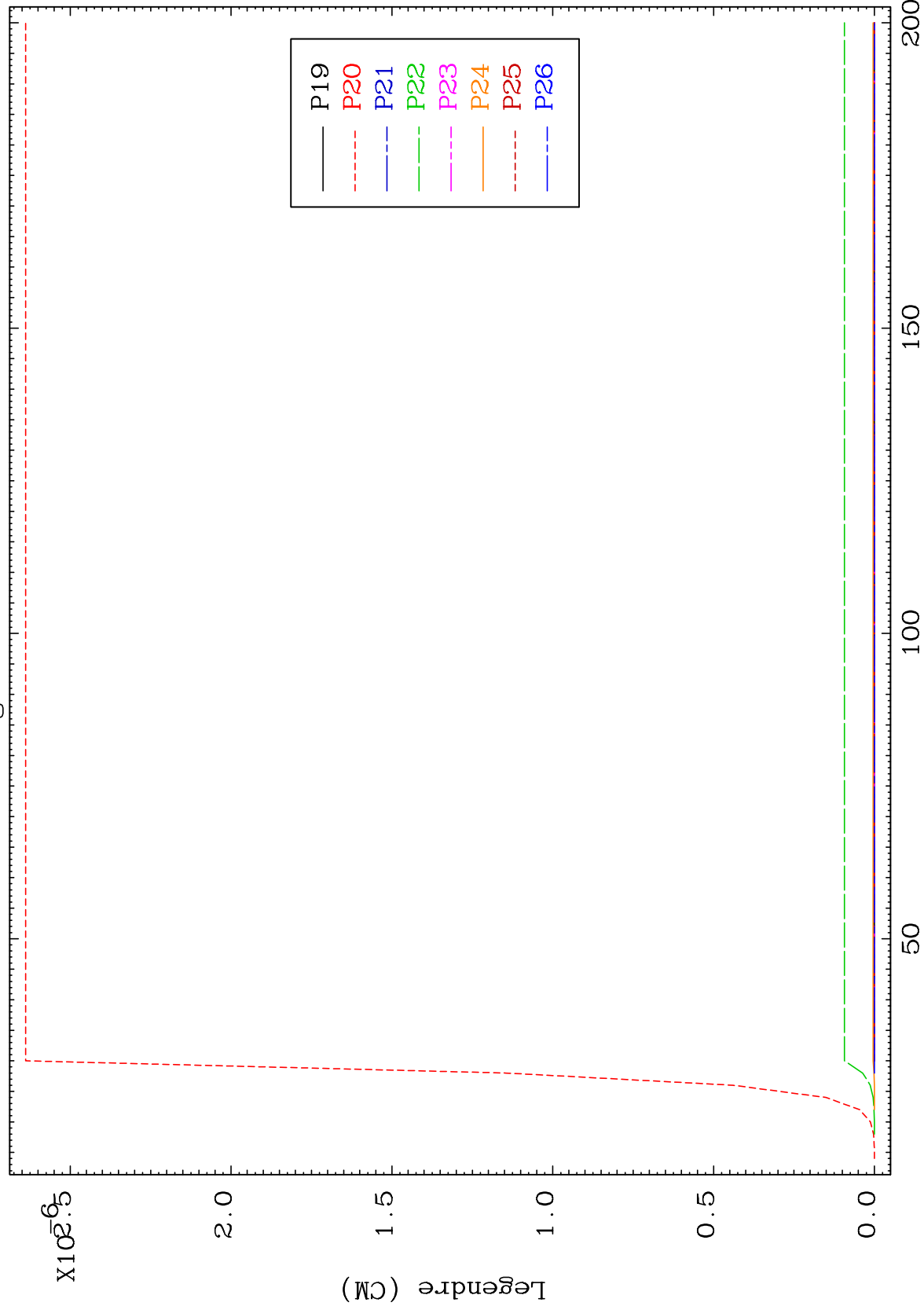
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MAT 6252

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

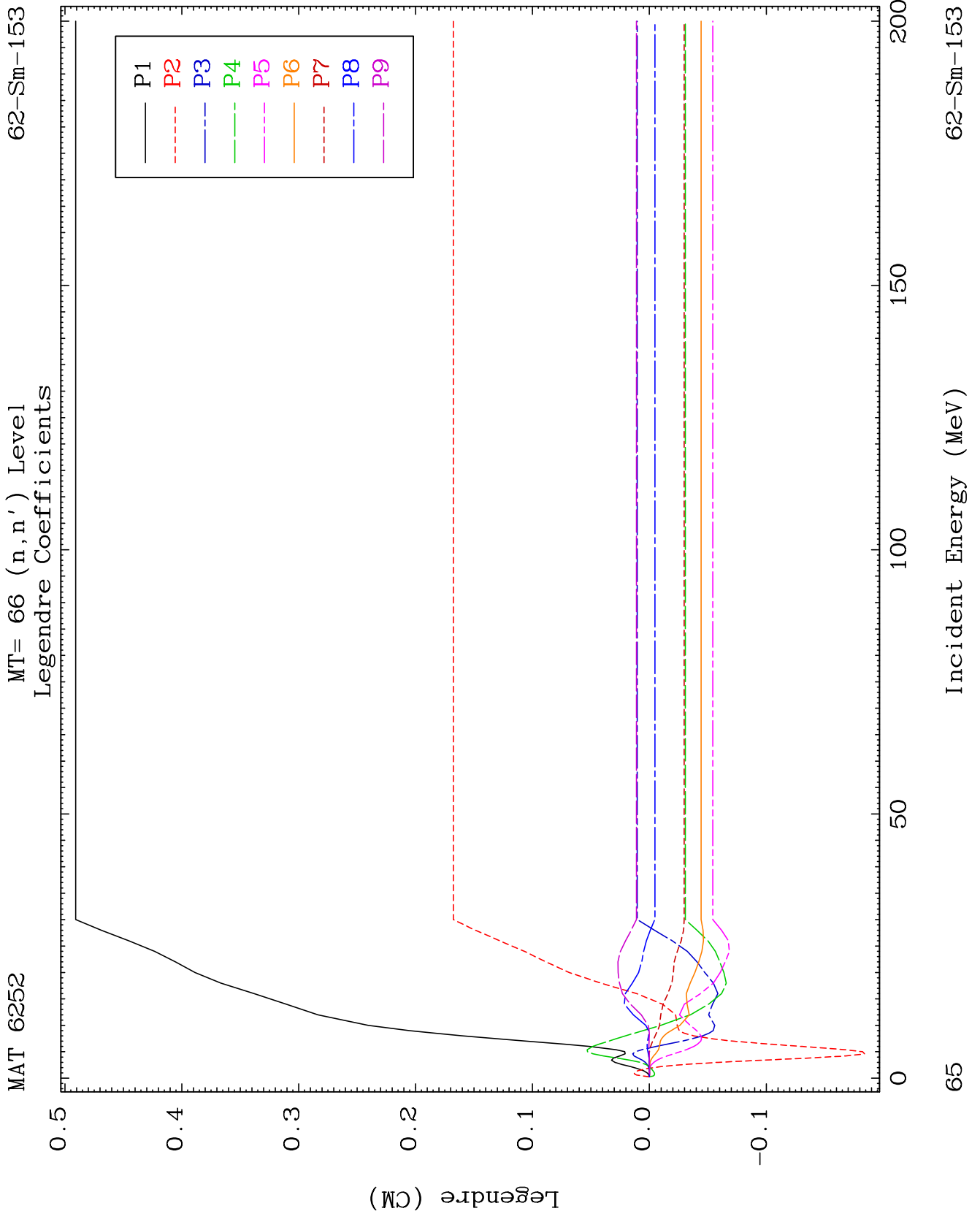
62-Sm-153



64

Incident Energy (MeV)

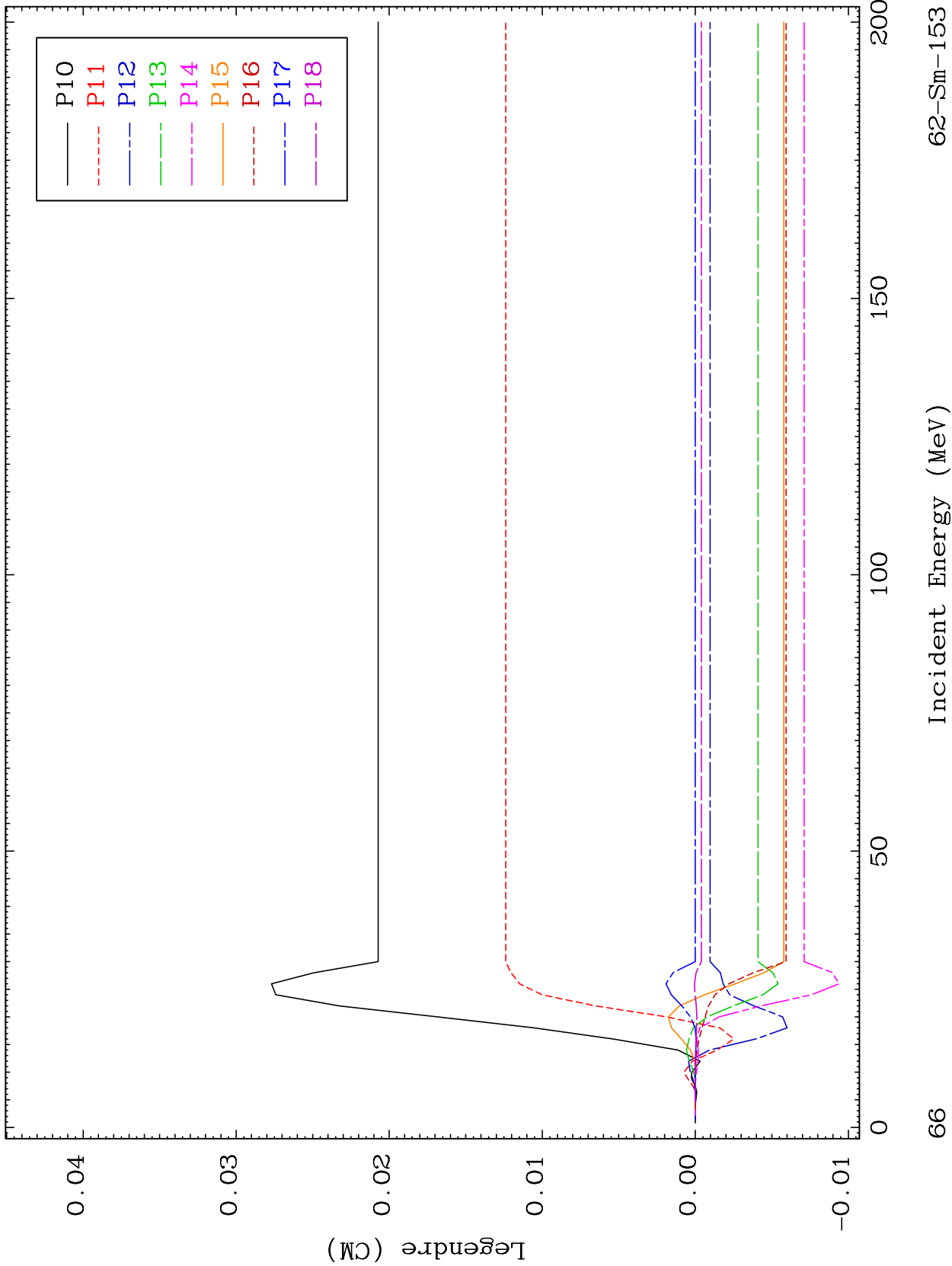
62-Sm-153



MAT 6252

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

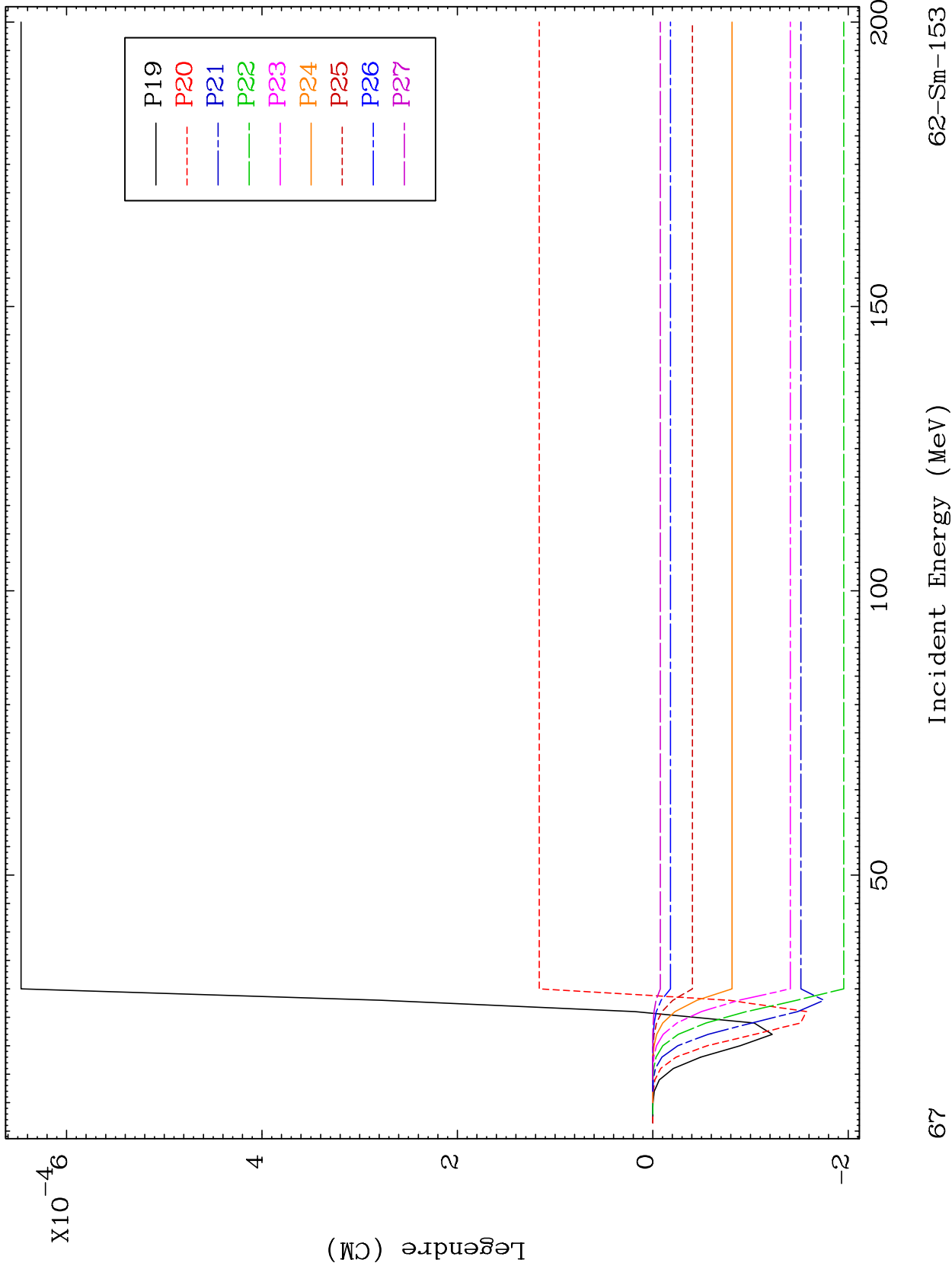
62-Sm-153



MAT 6252

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

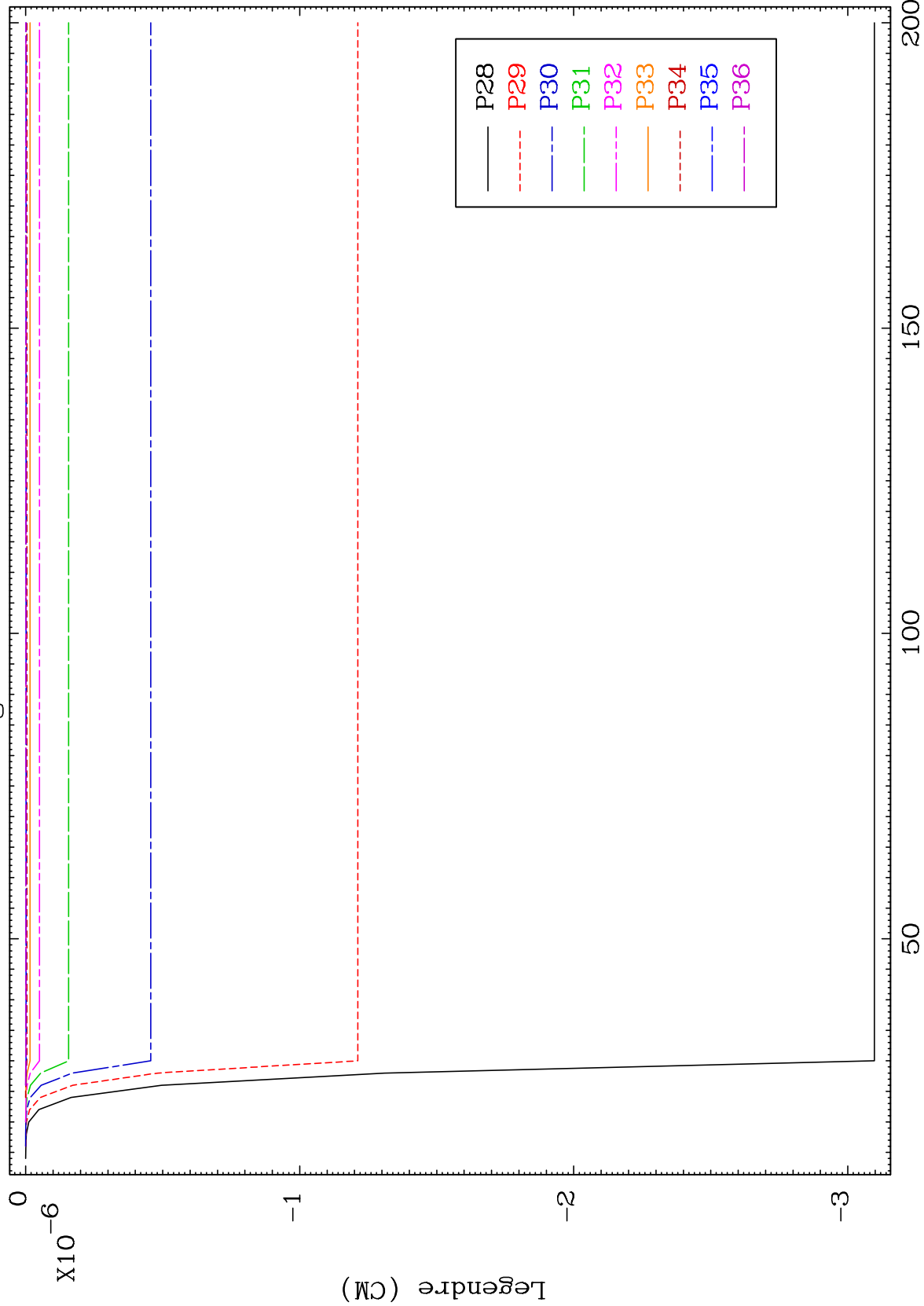
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

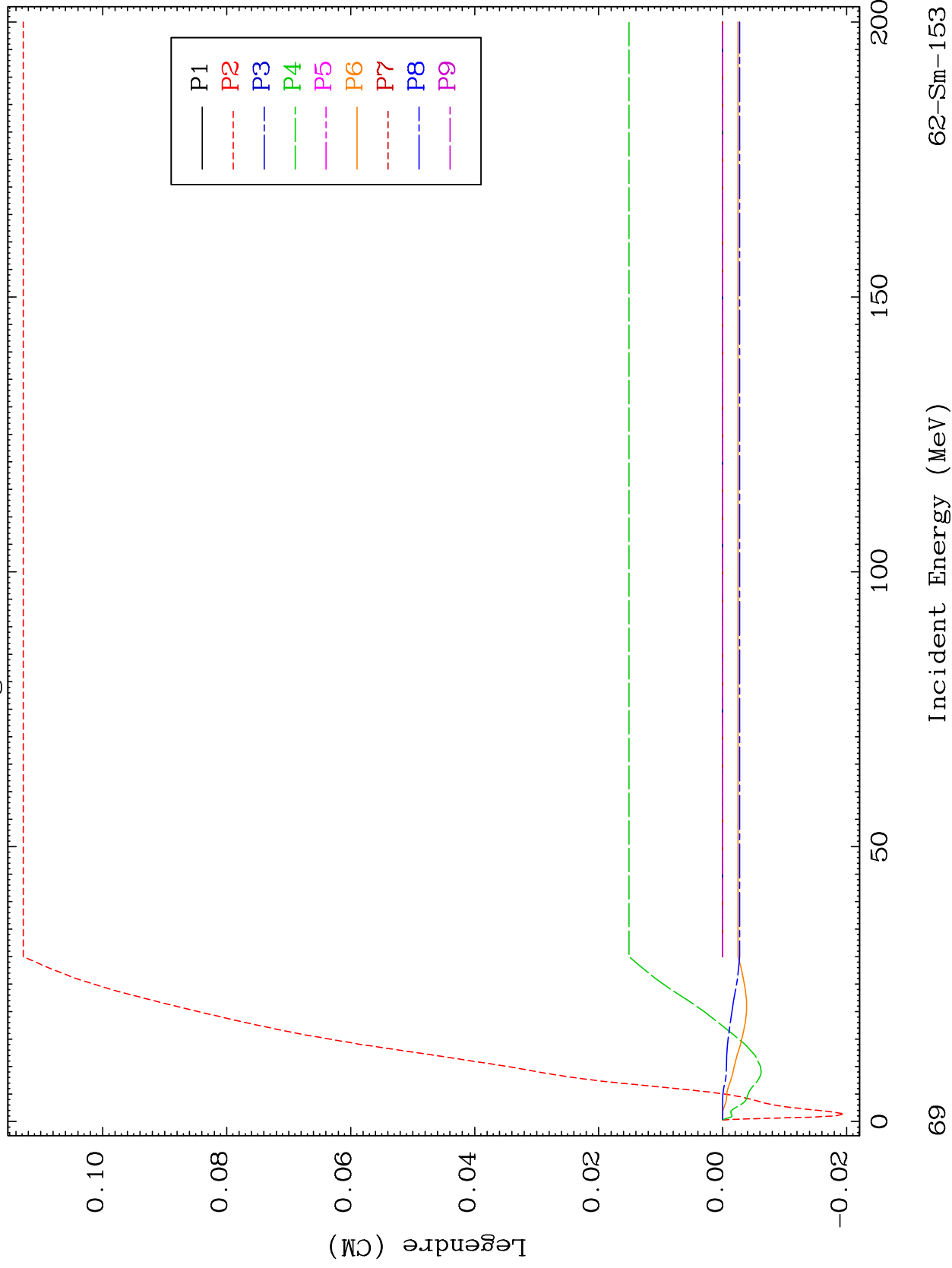
Incident Energy (MeV)

68

MAT 6252

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

62-Sm-153



62-Sm-153

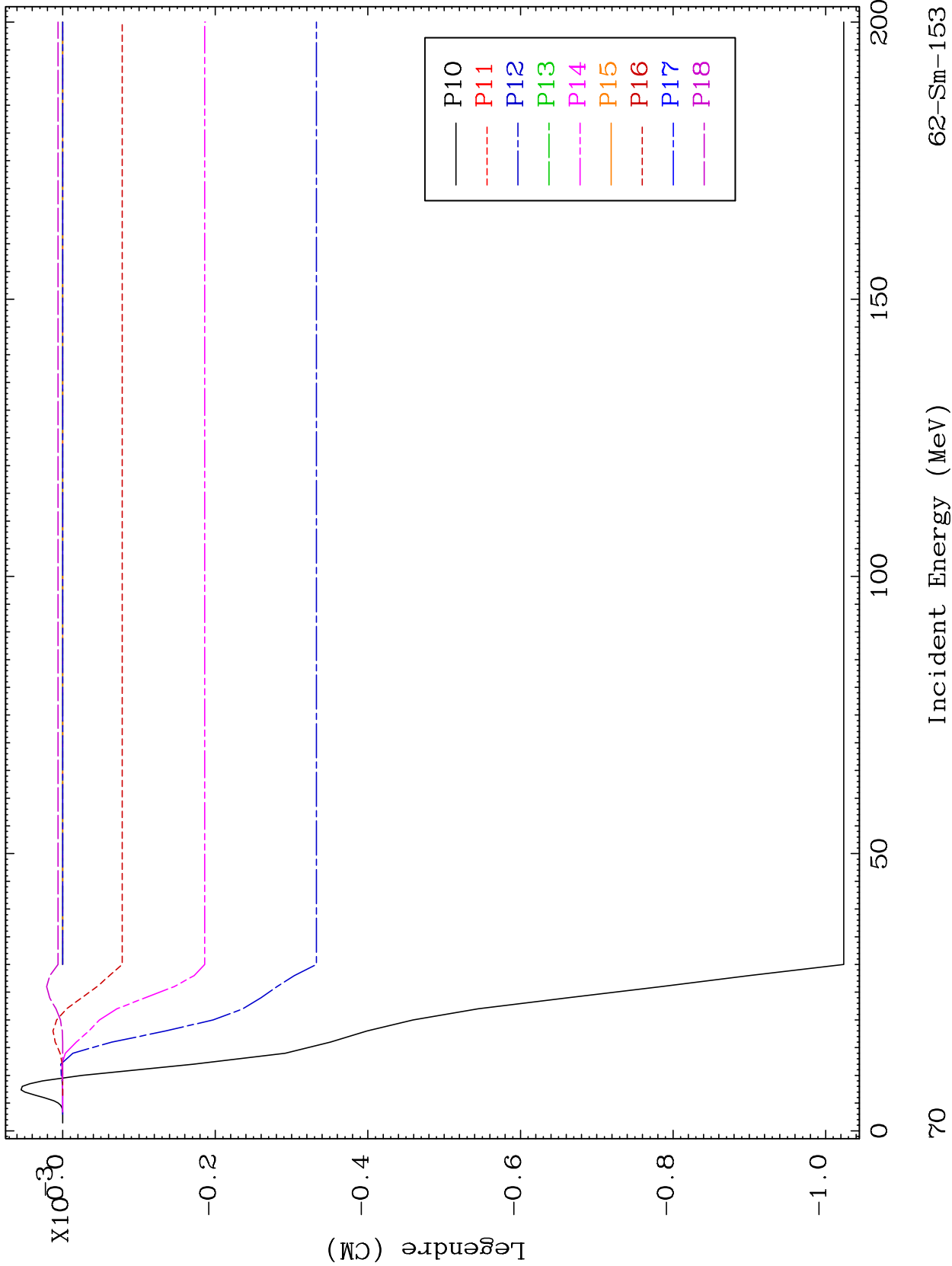
Incident Energy (MeV)

69

MAT 6252

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

62-Sm-153



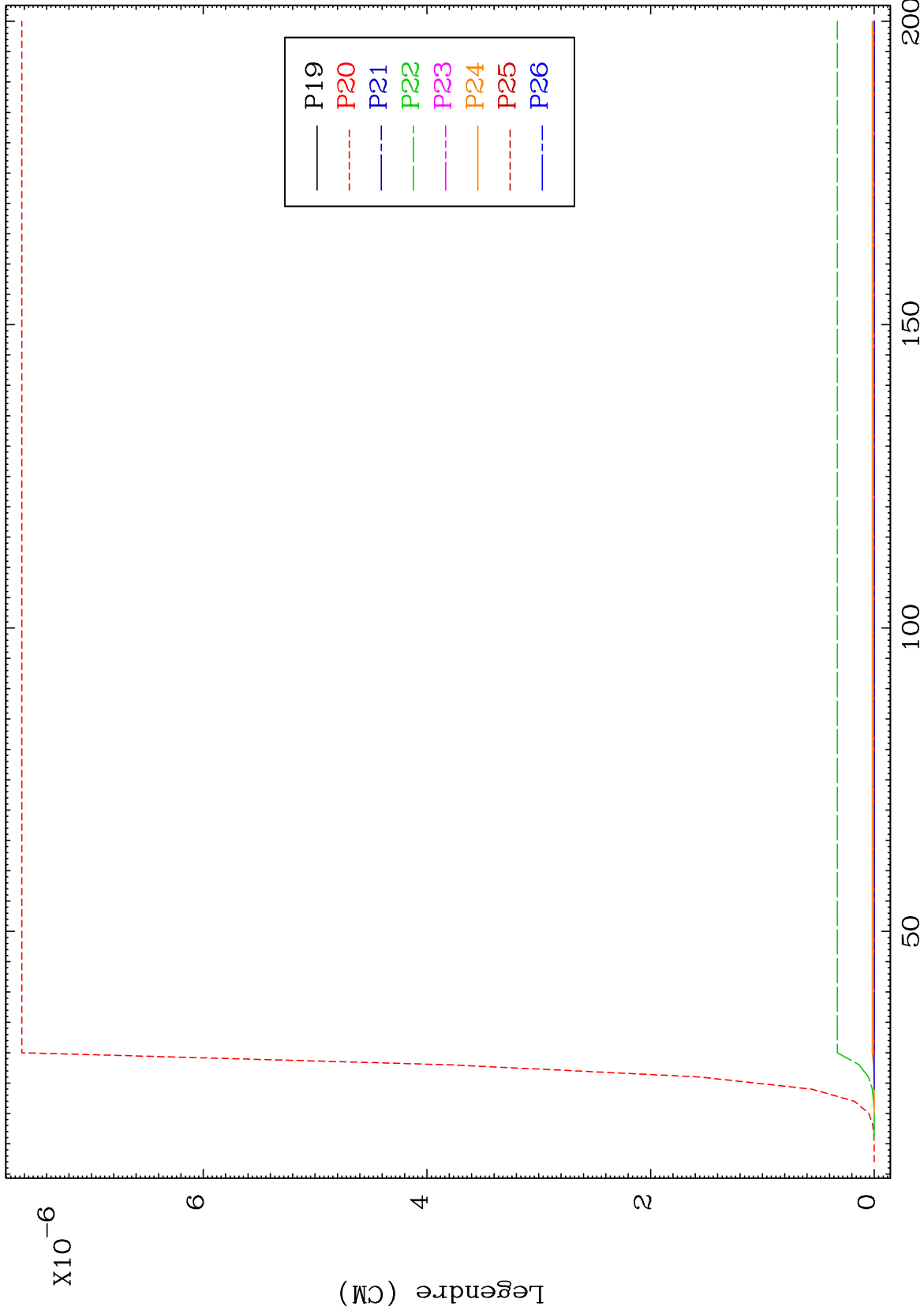
70

62-Sm-153

MAT 6252

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

62-Sm-153



71

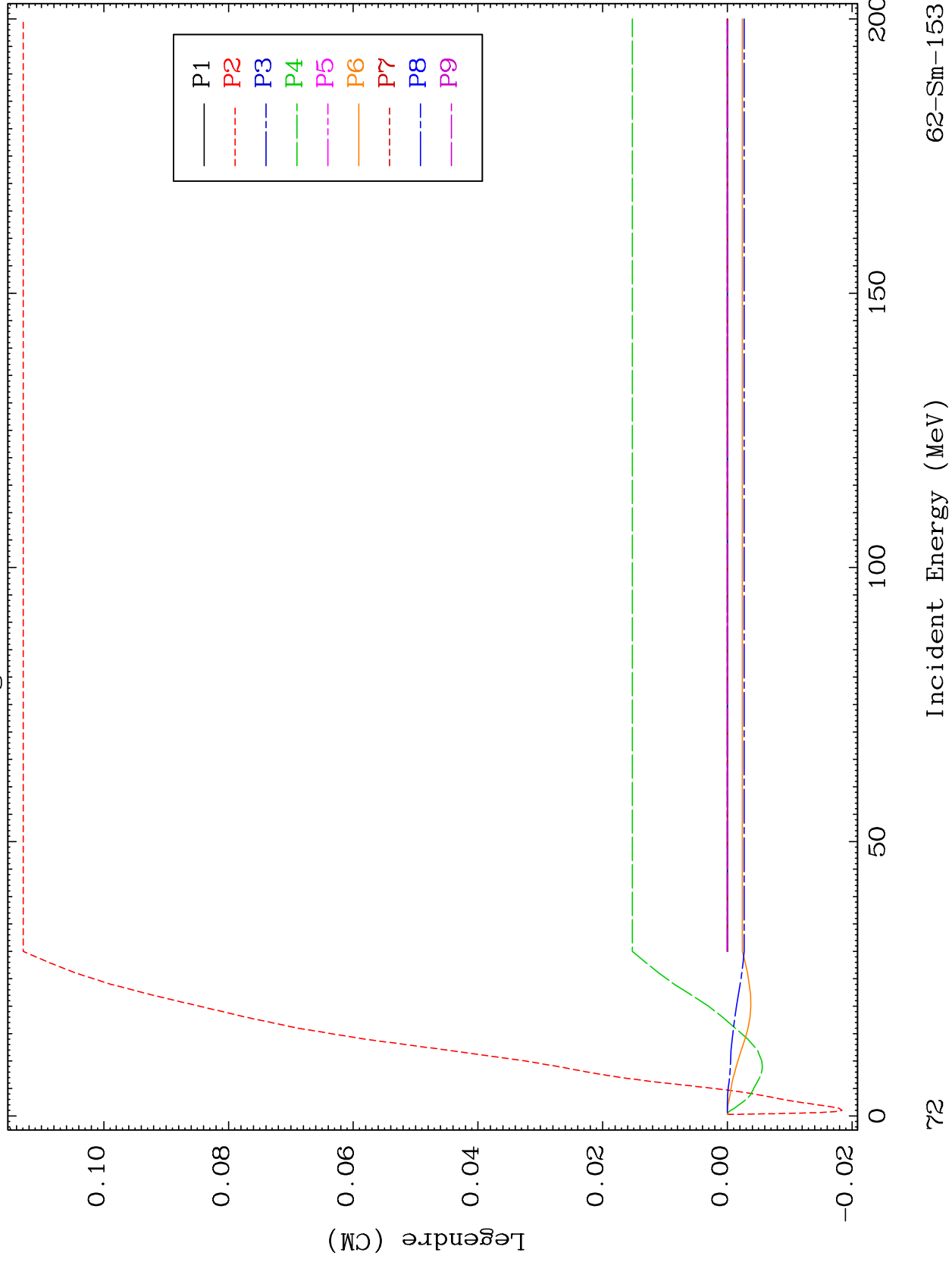
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

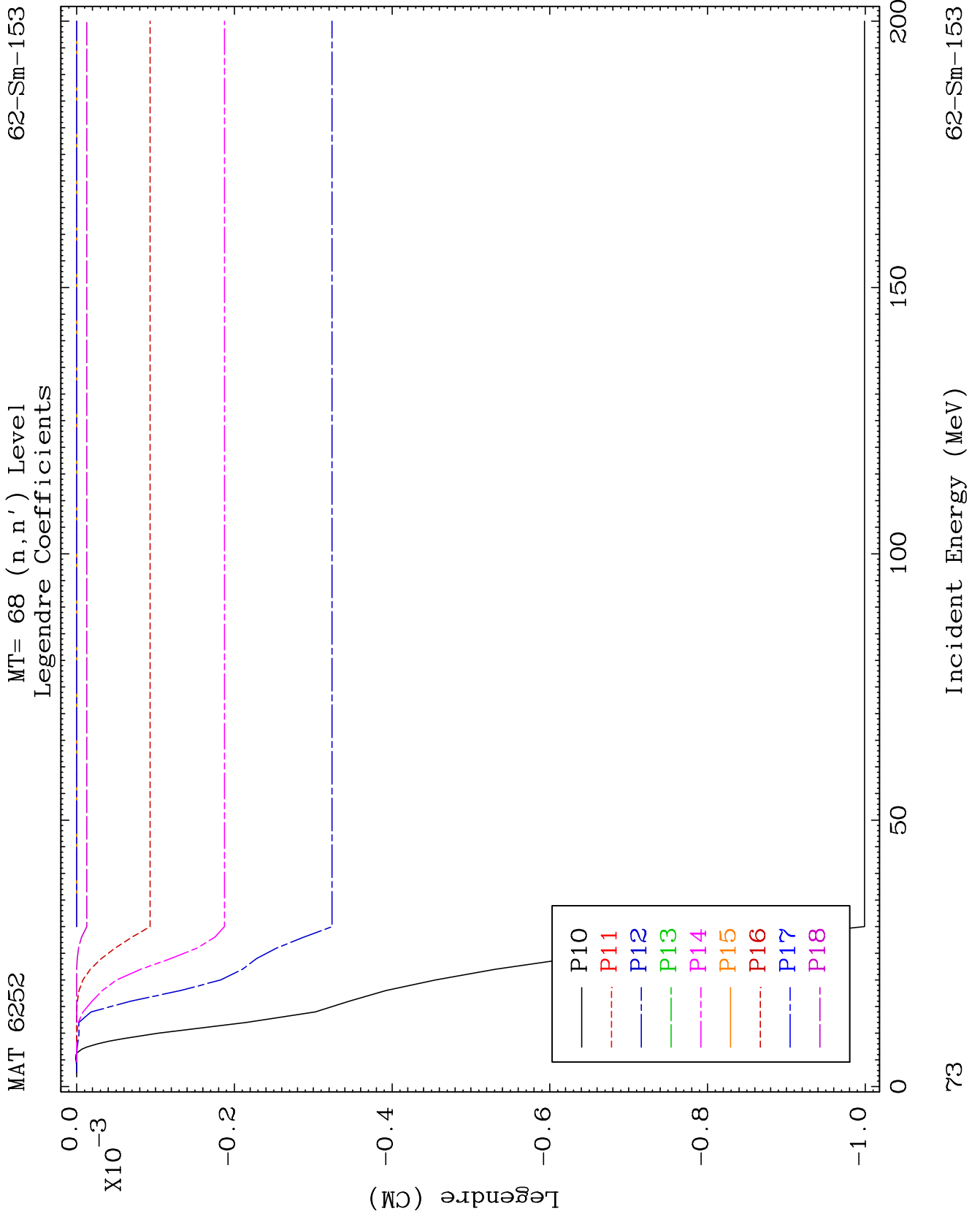
62-Sm-153

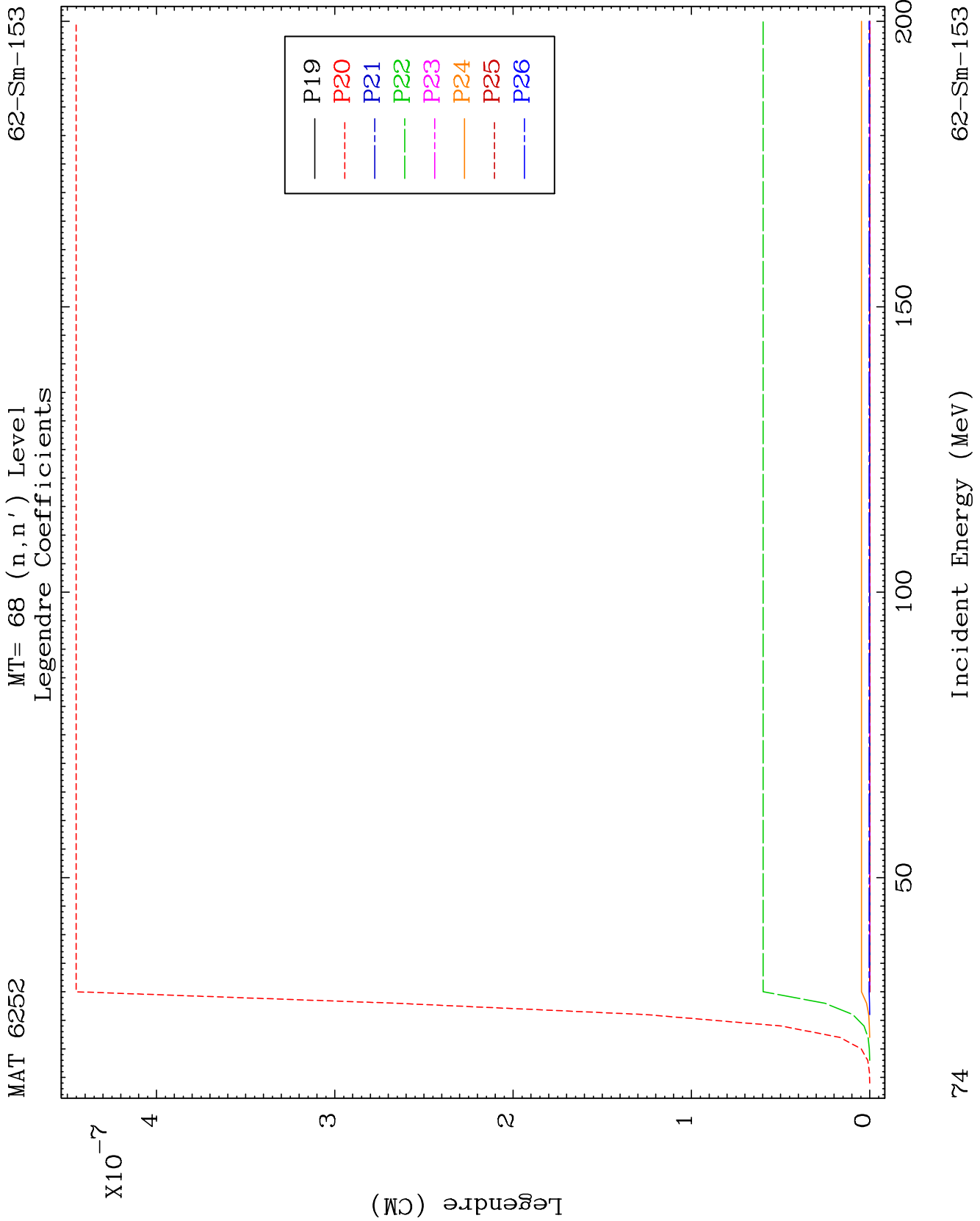


62-Sm-153

Incident Energy (MeV)

72

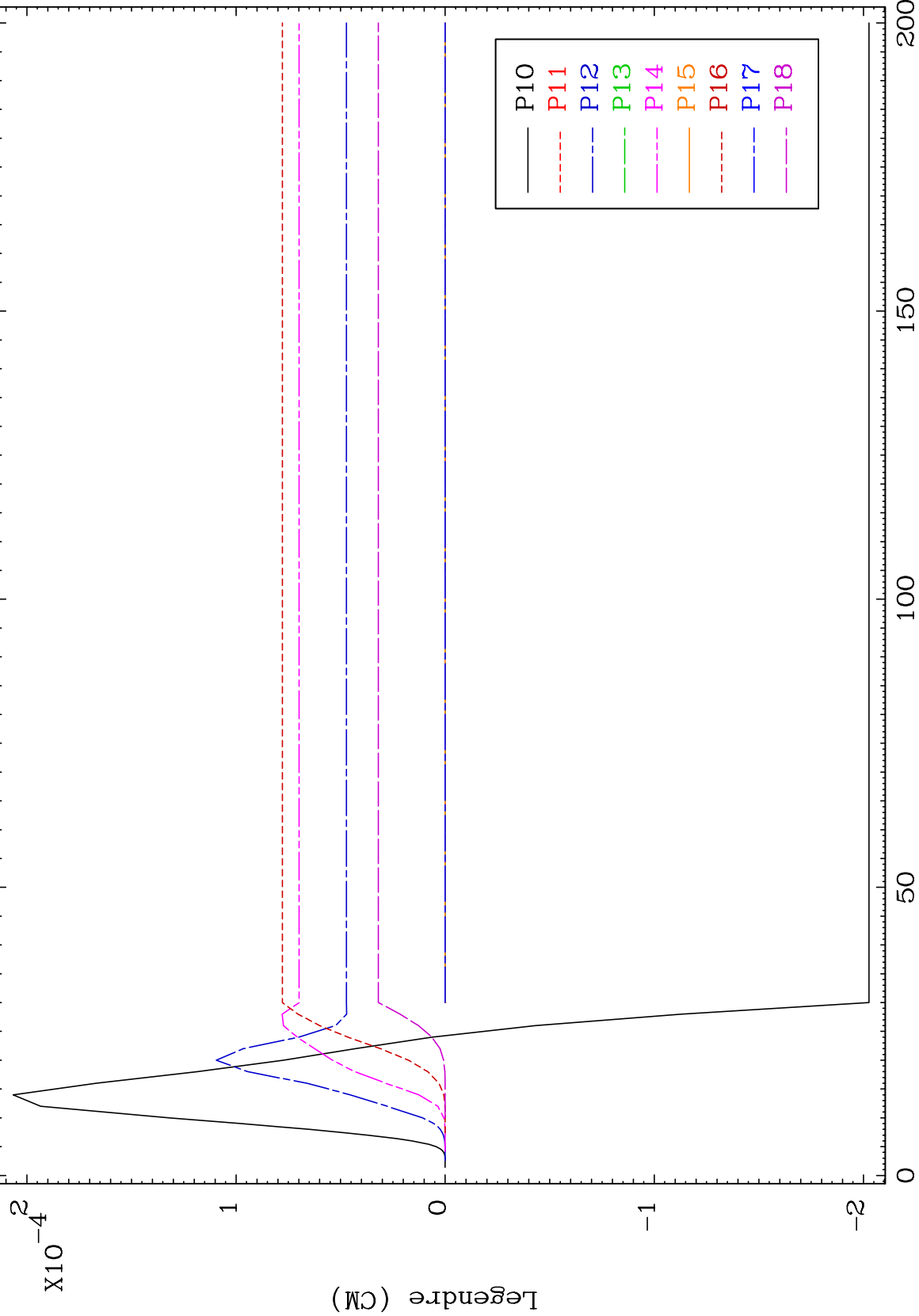




MAT 6252

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

62-Sm-153



76

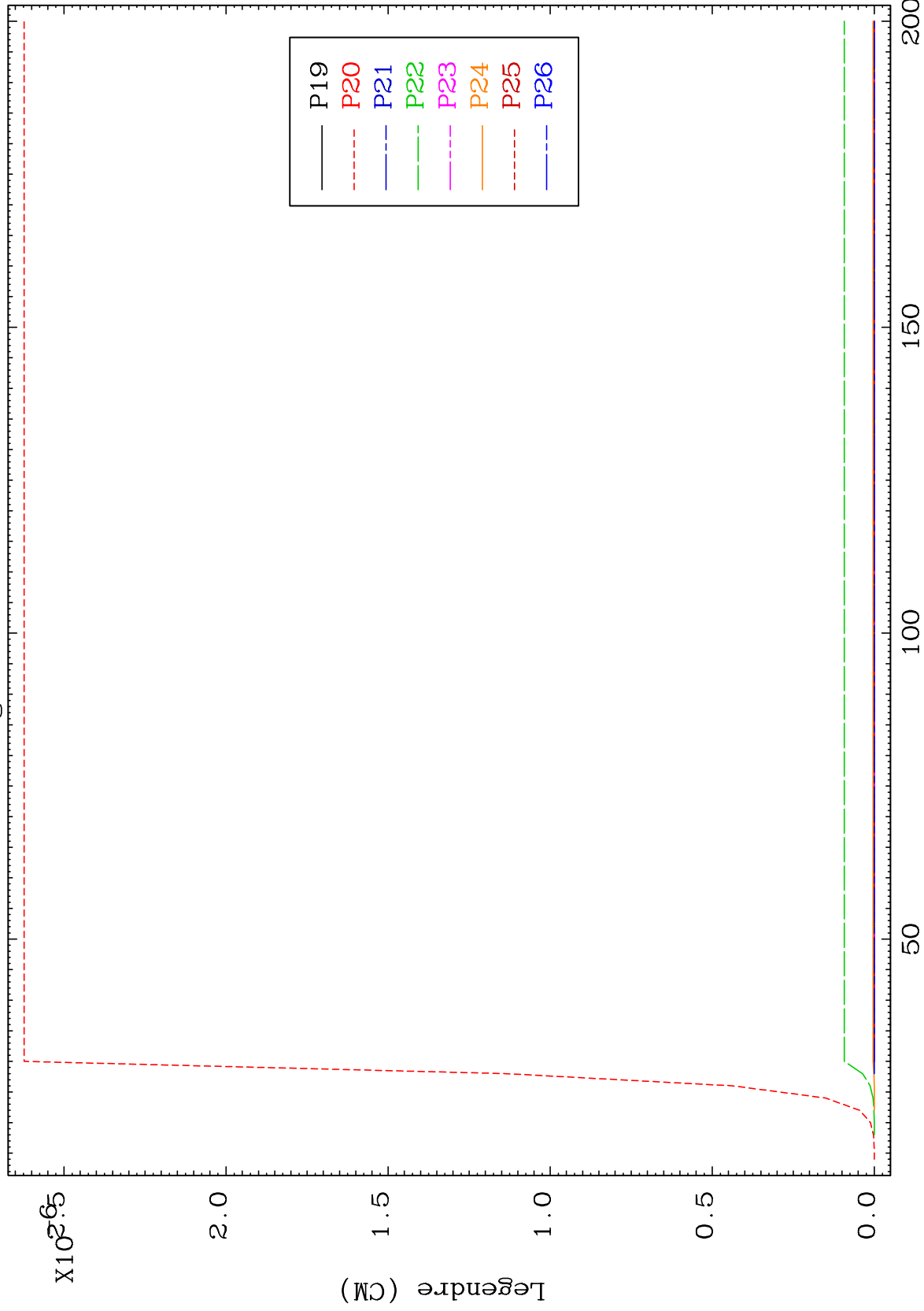
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



77

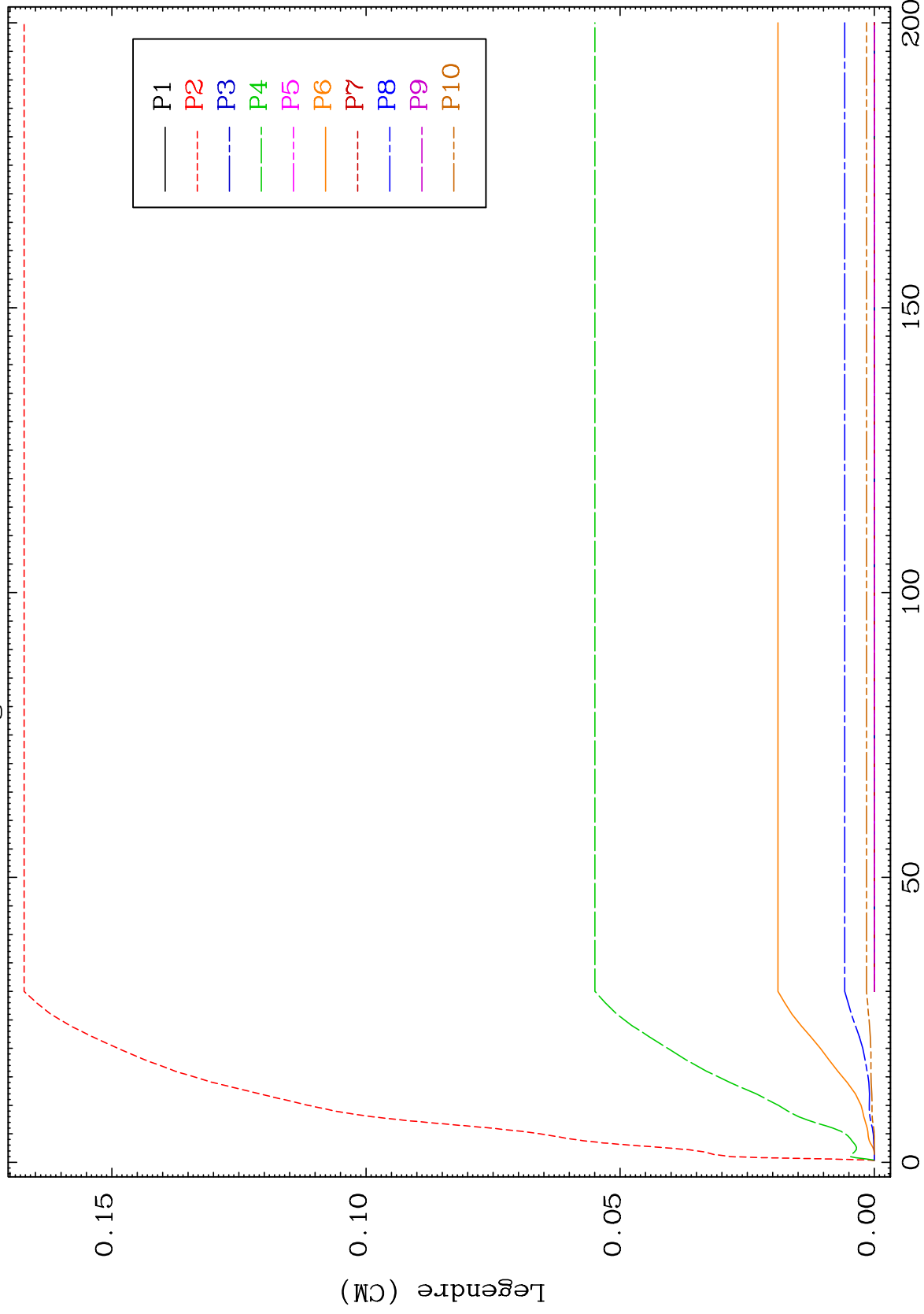
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

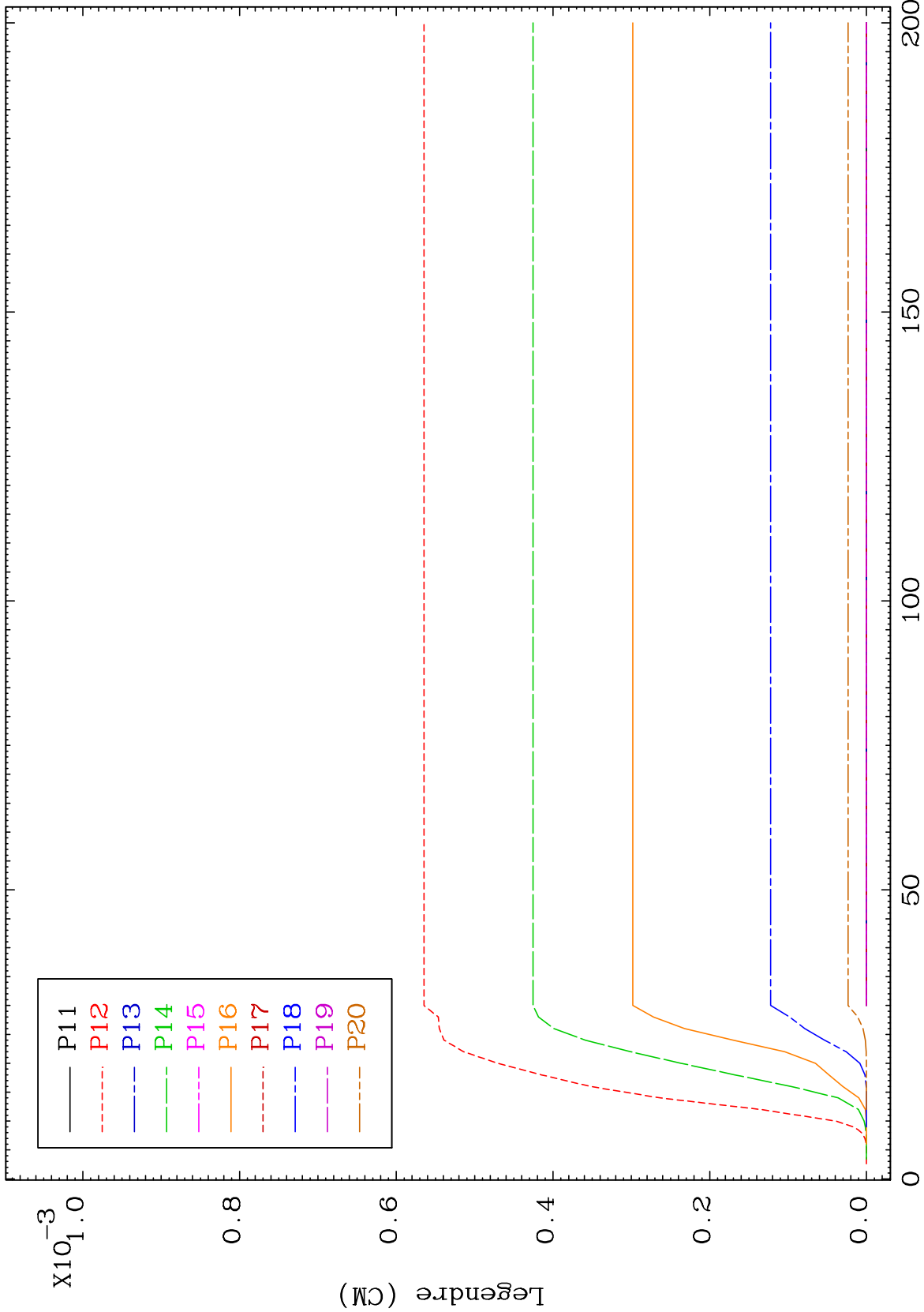
62-Sm-153

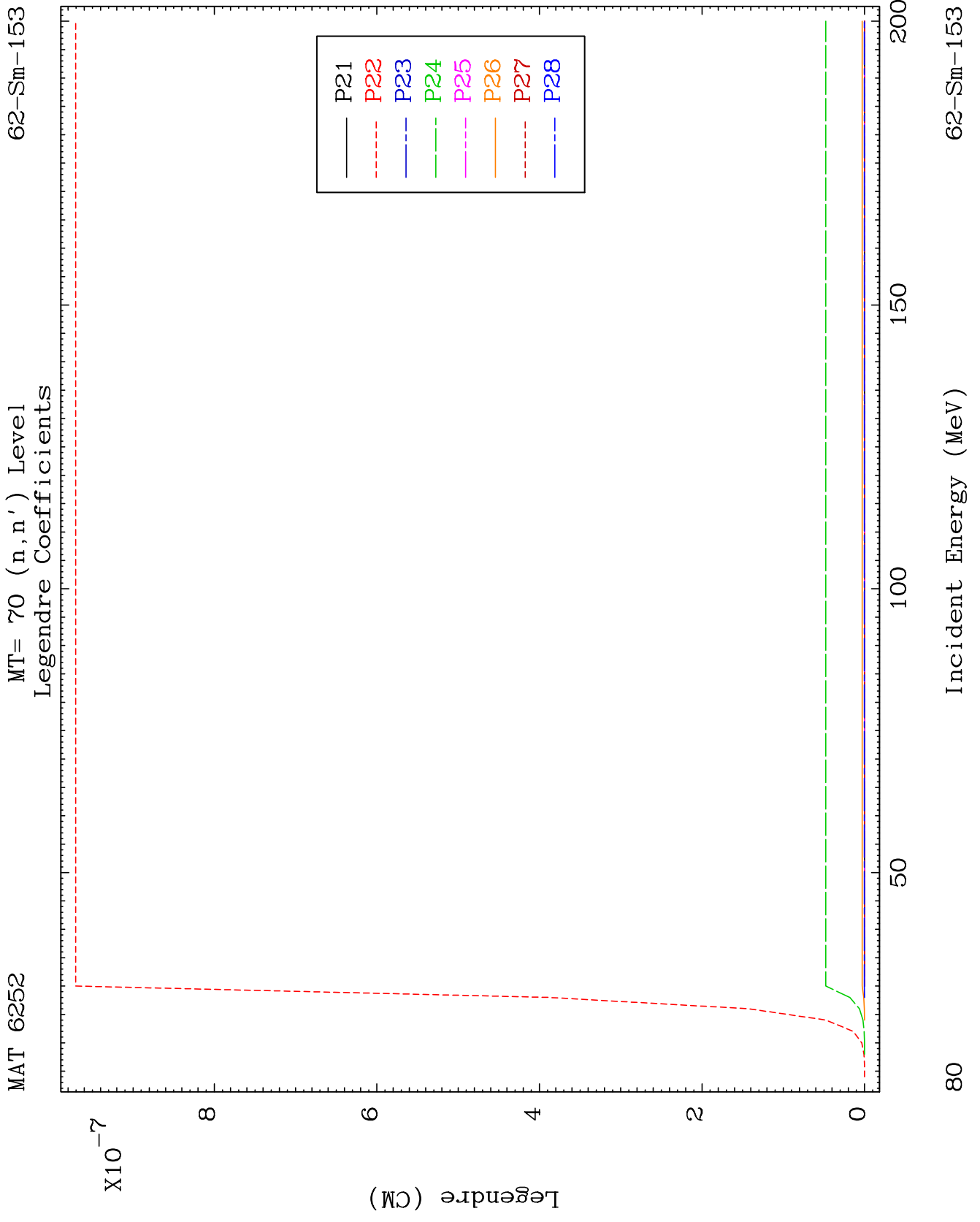


78

Incident Energy (MeV)

62-Sm-153

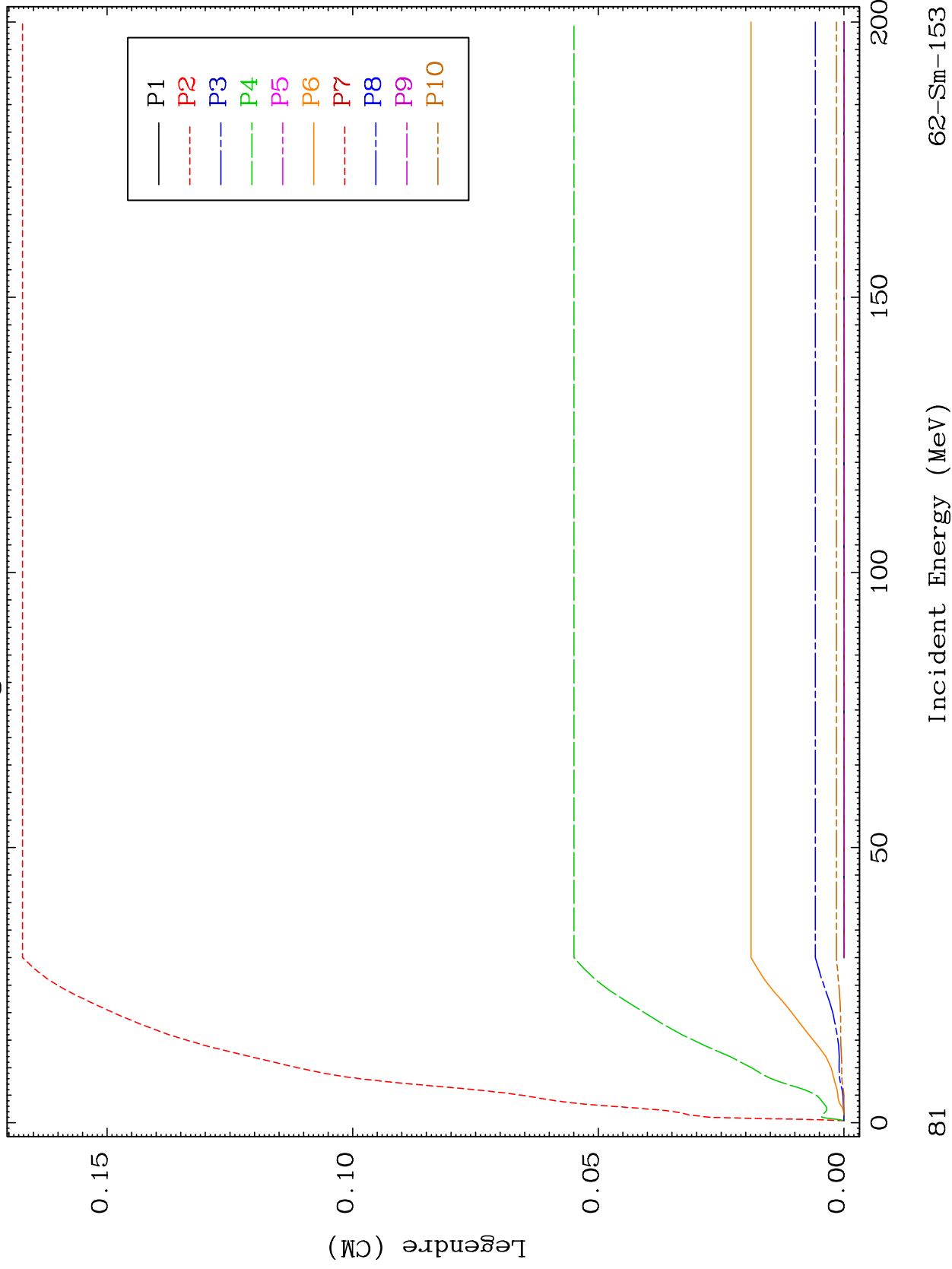




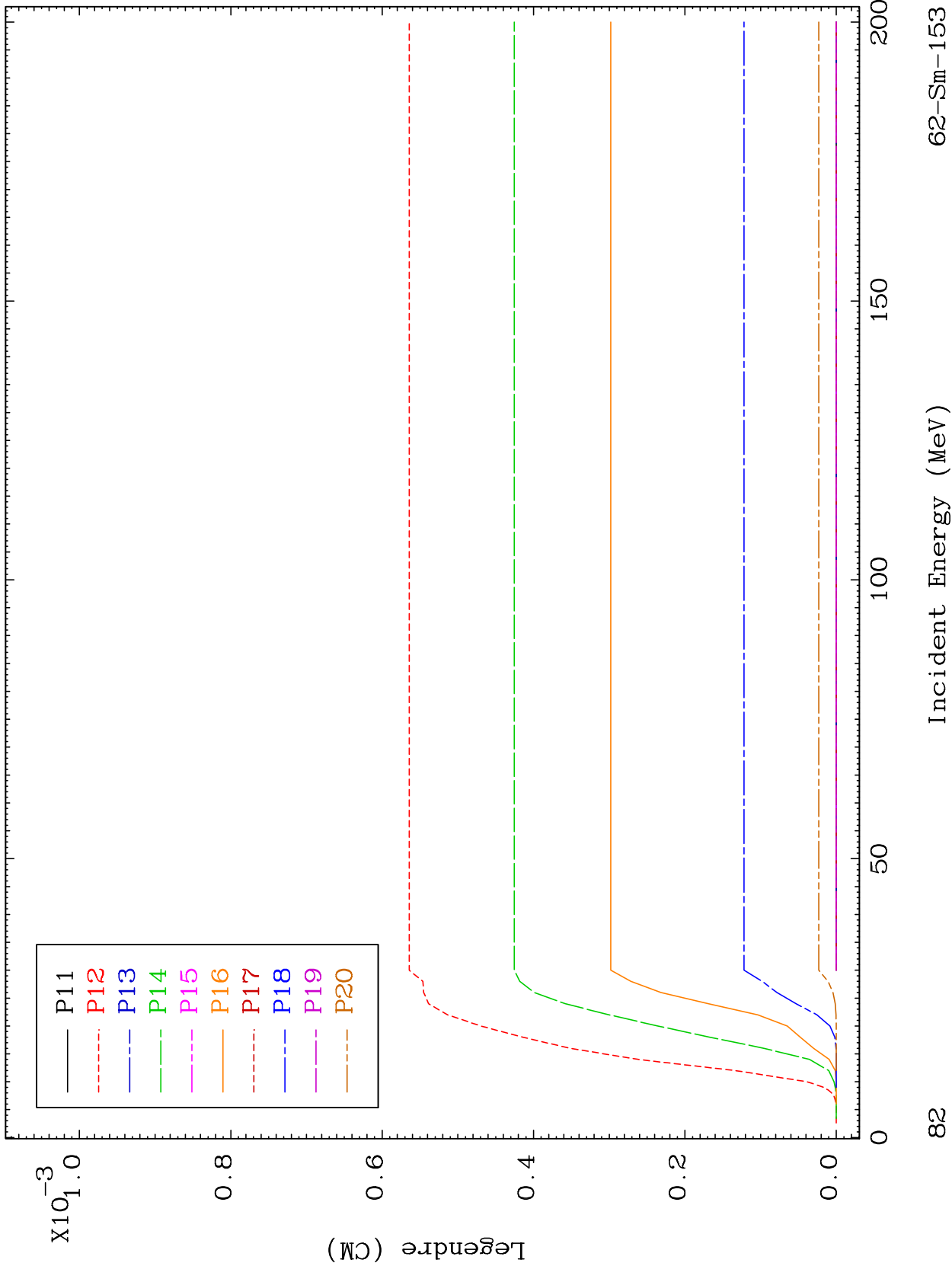
MAT 6252

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

62-Sm-153



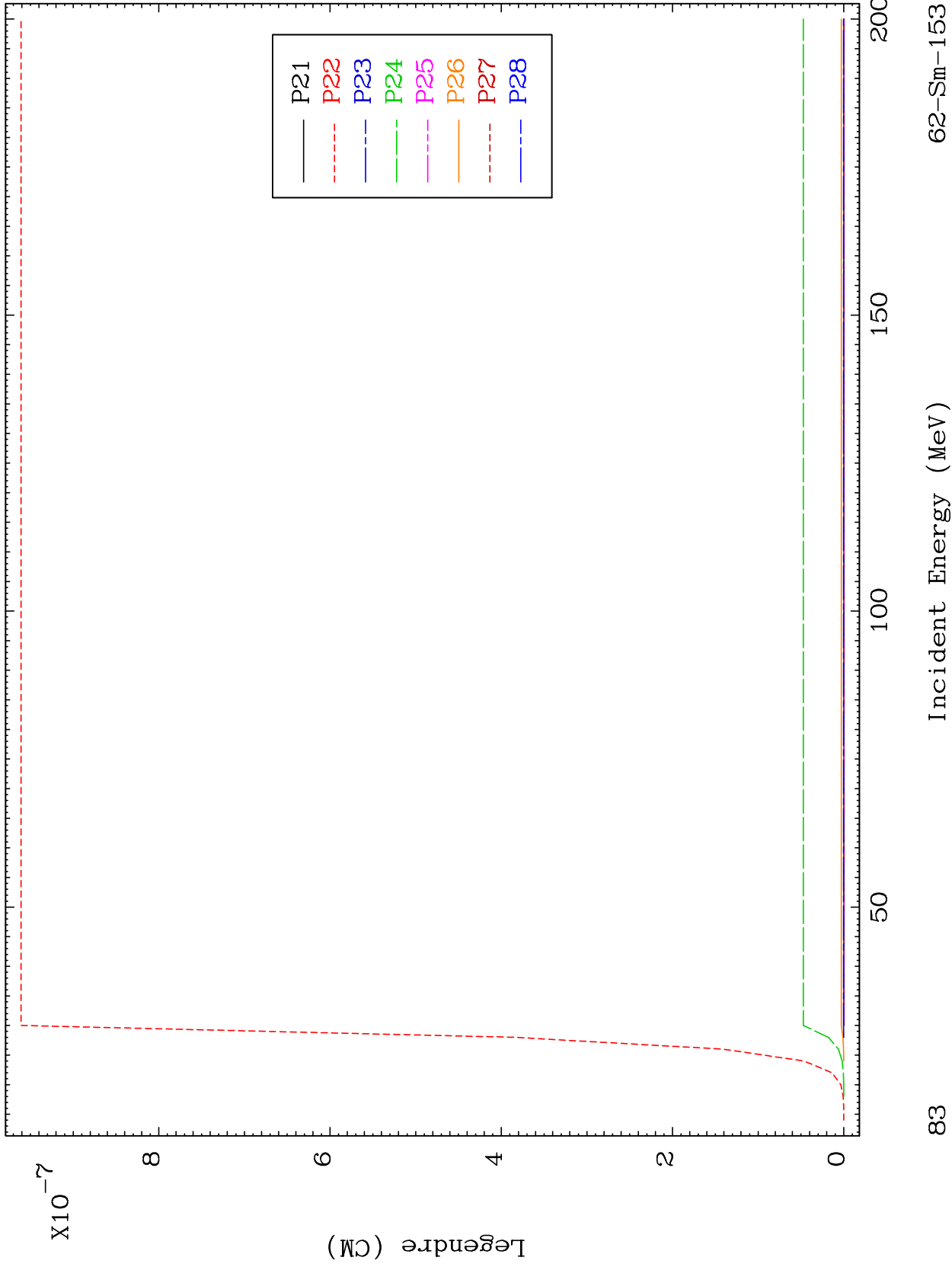
81



MAT 6252

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

62-Sm-153

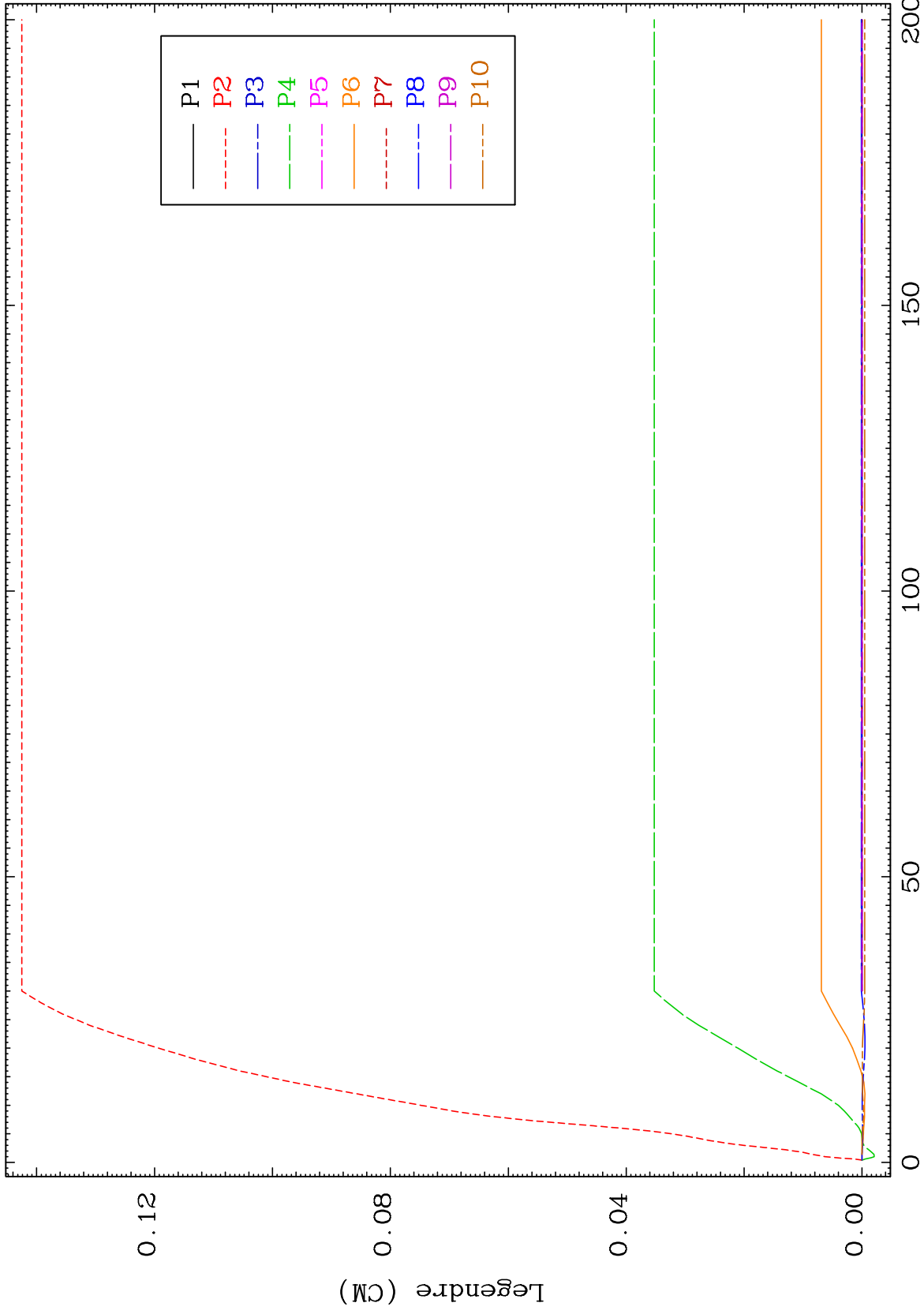


83

MAT 6252

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

62-Sm-153



84

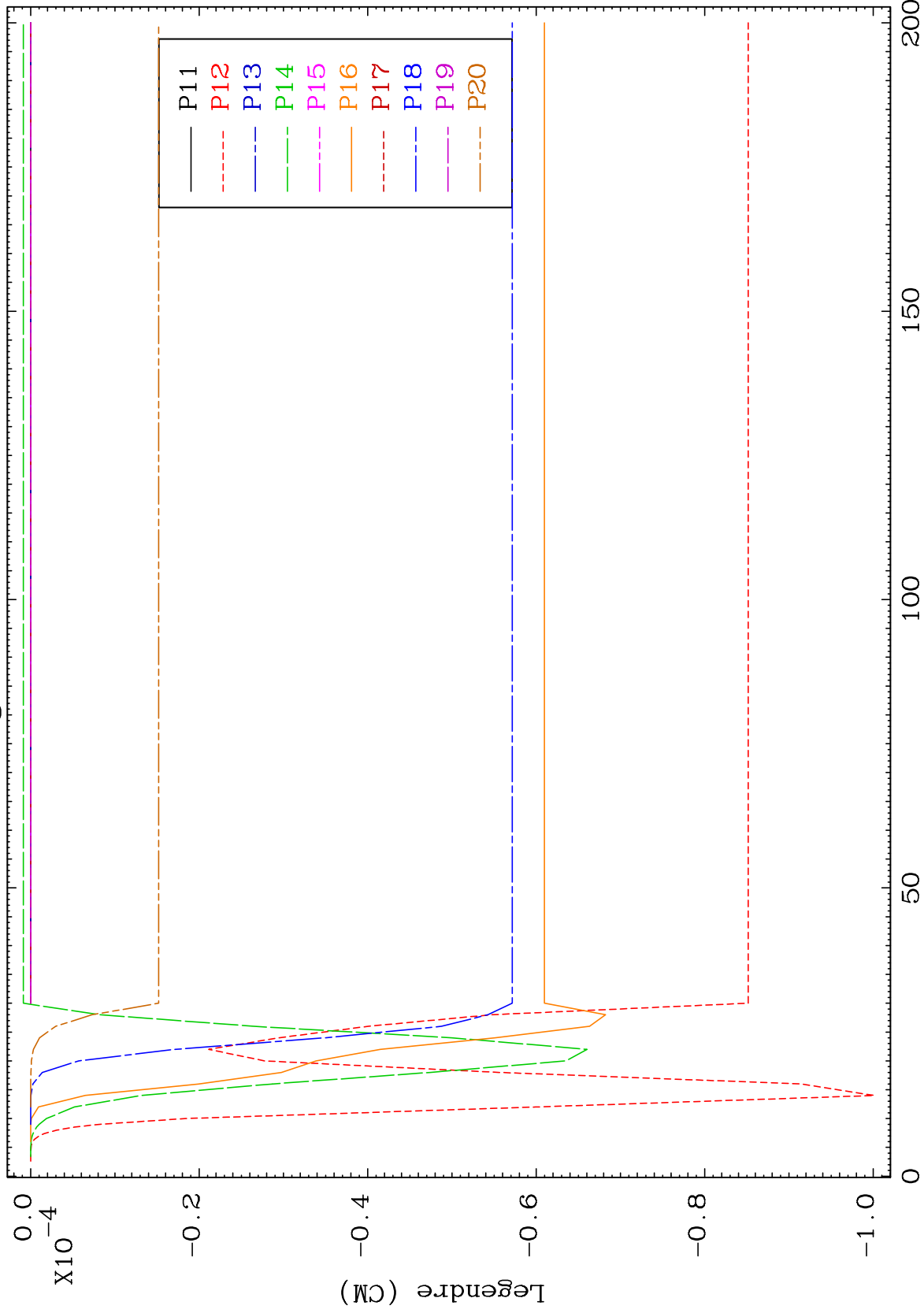
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



85

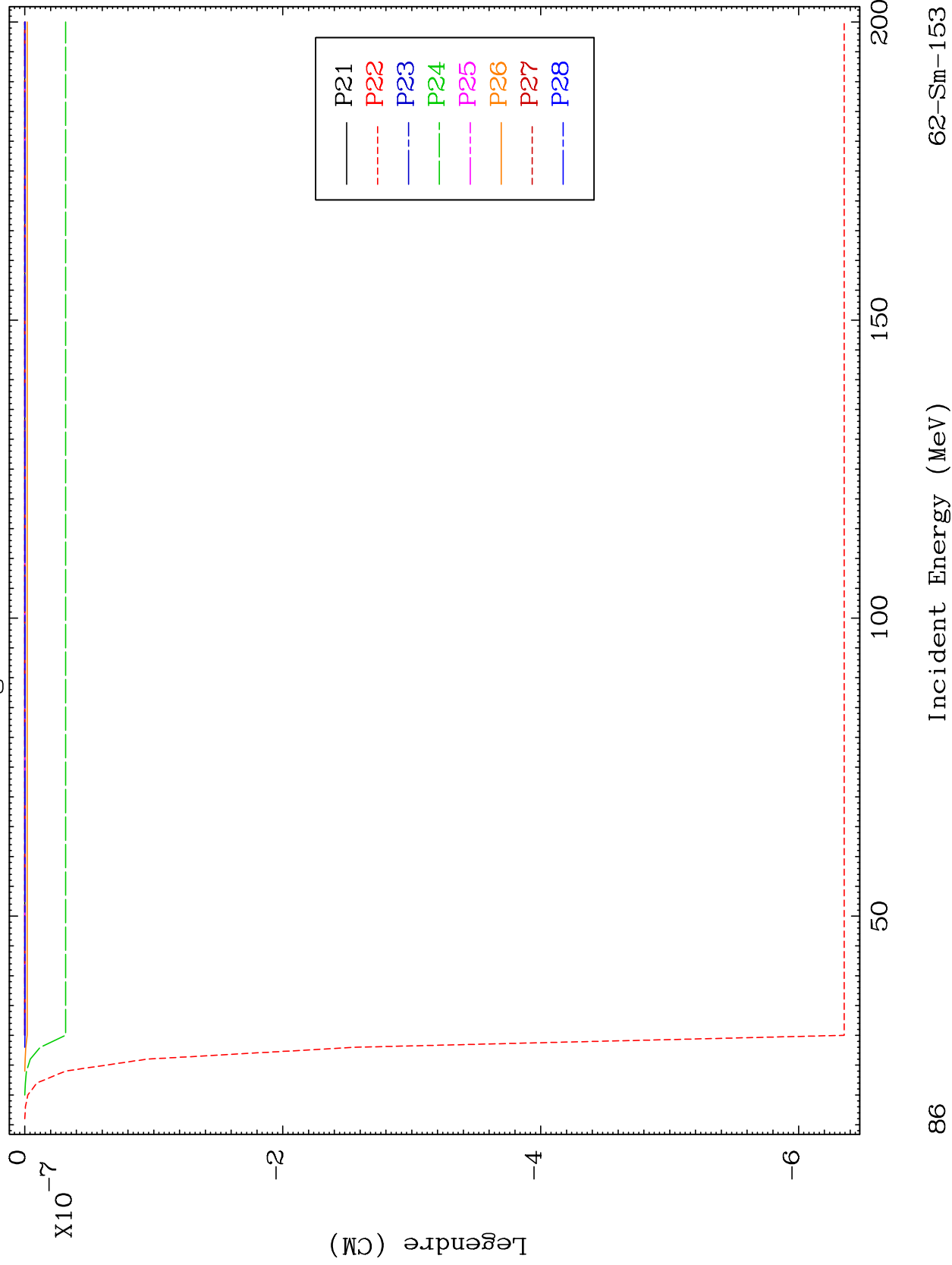
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



86

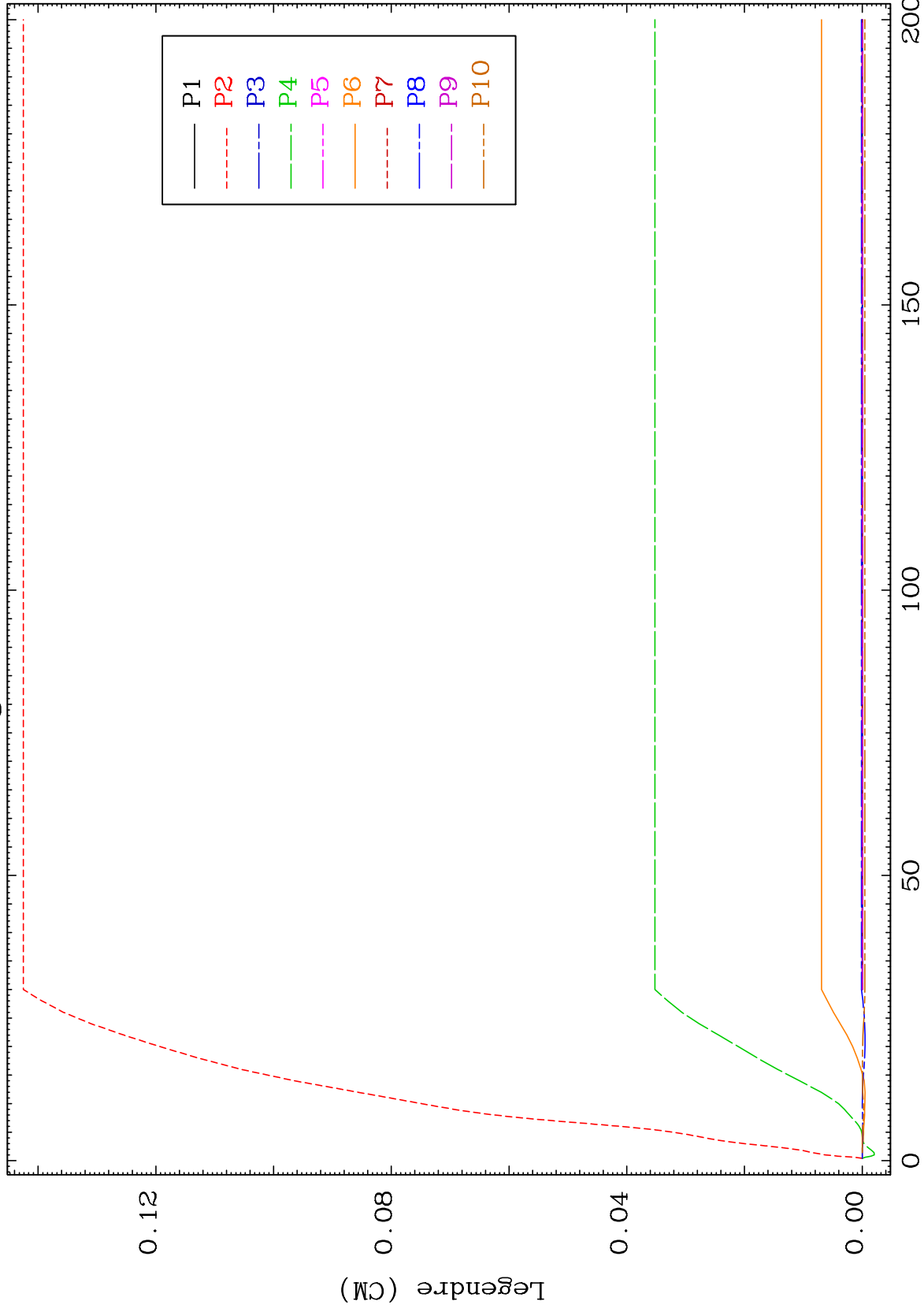
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



87

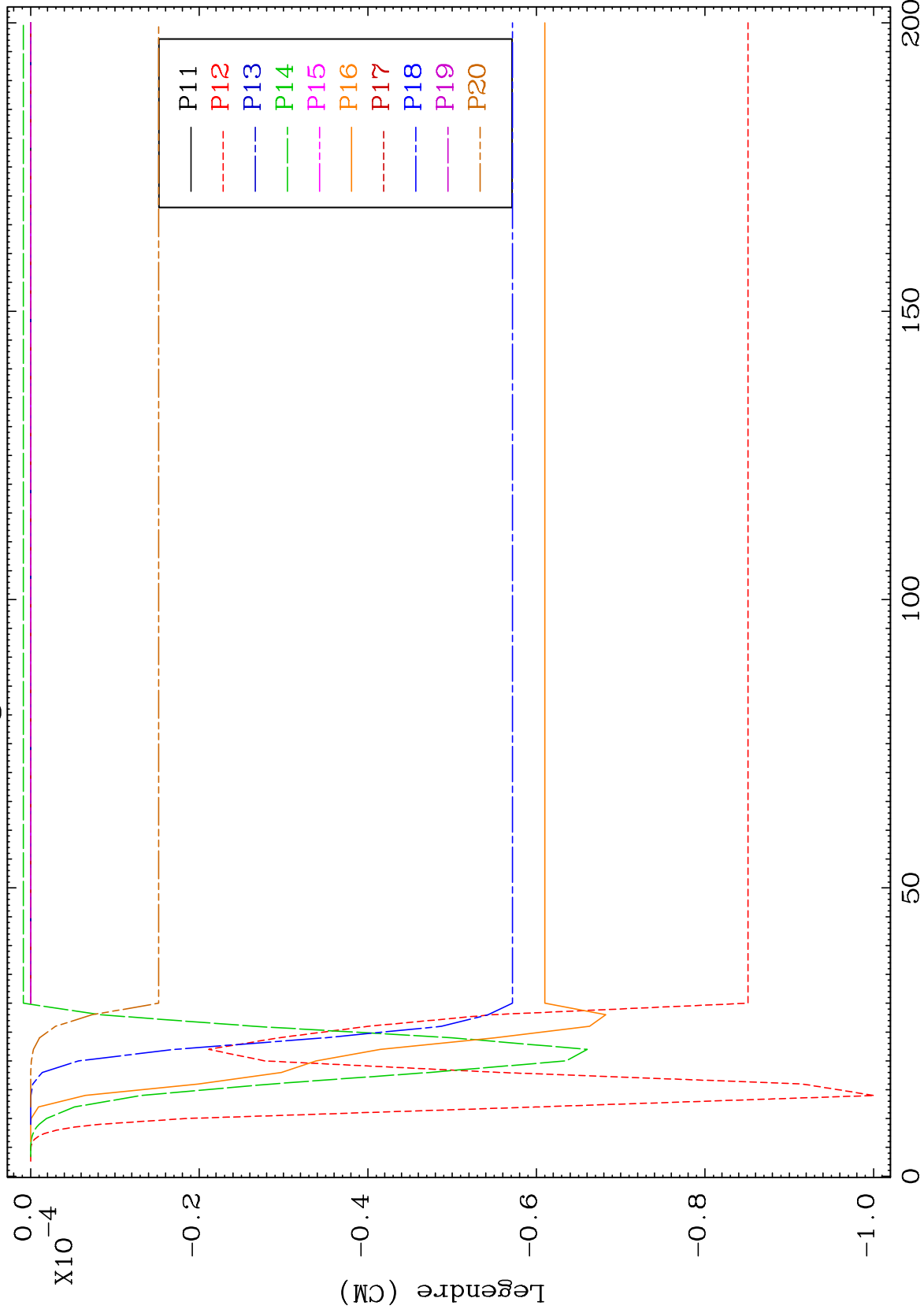
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



88

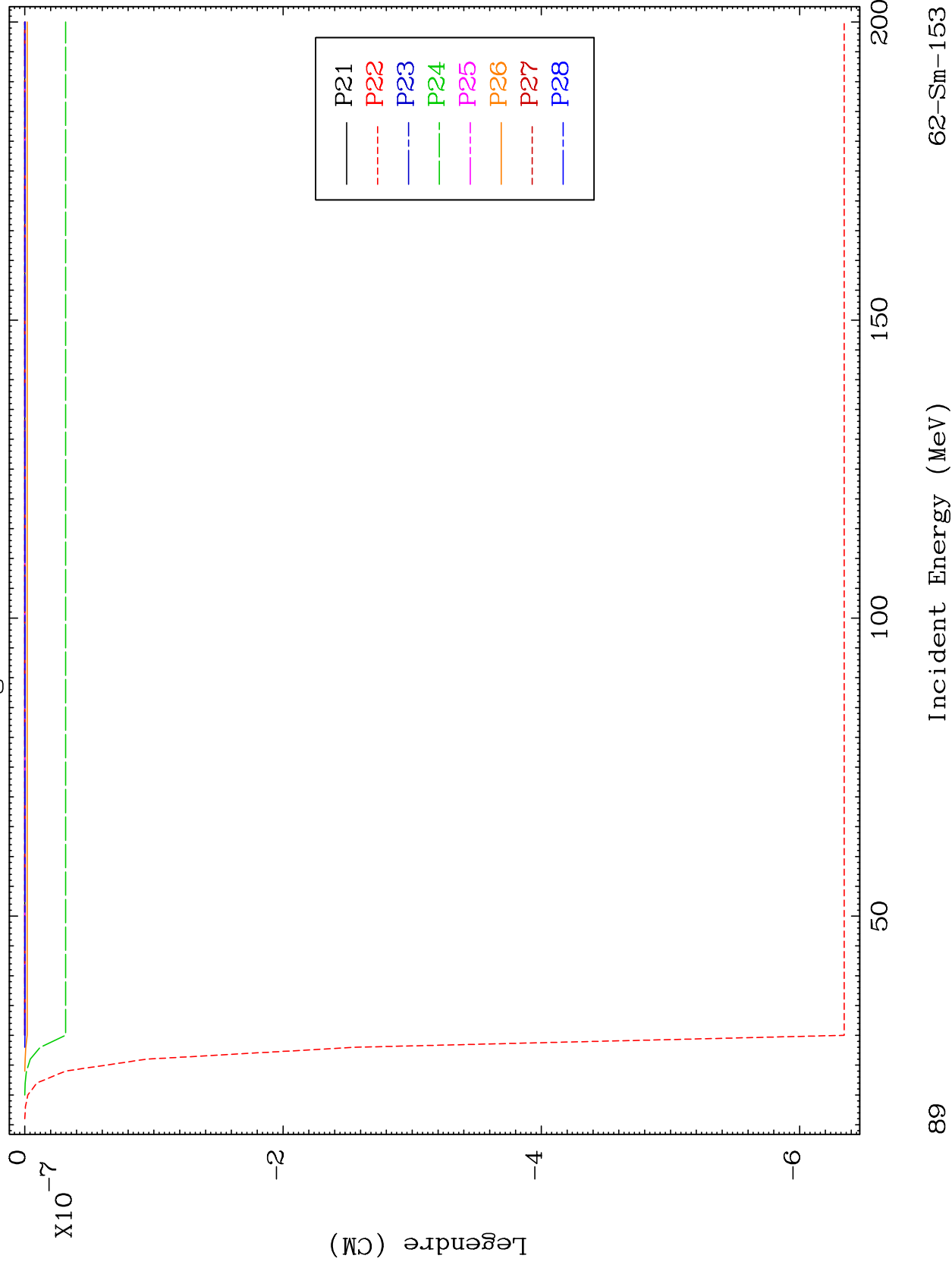
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



89

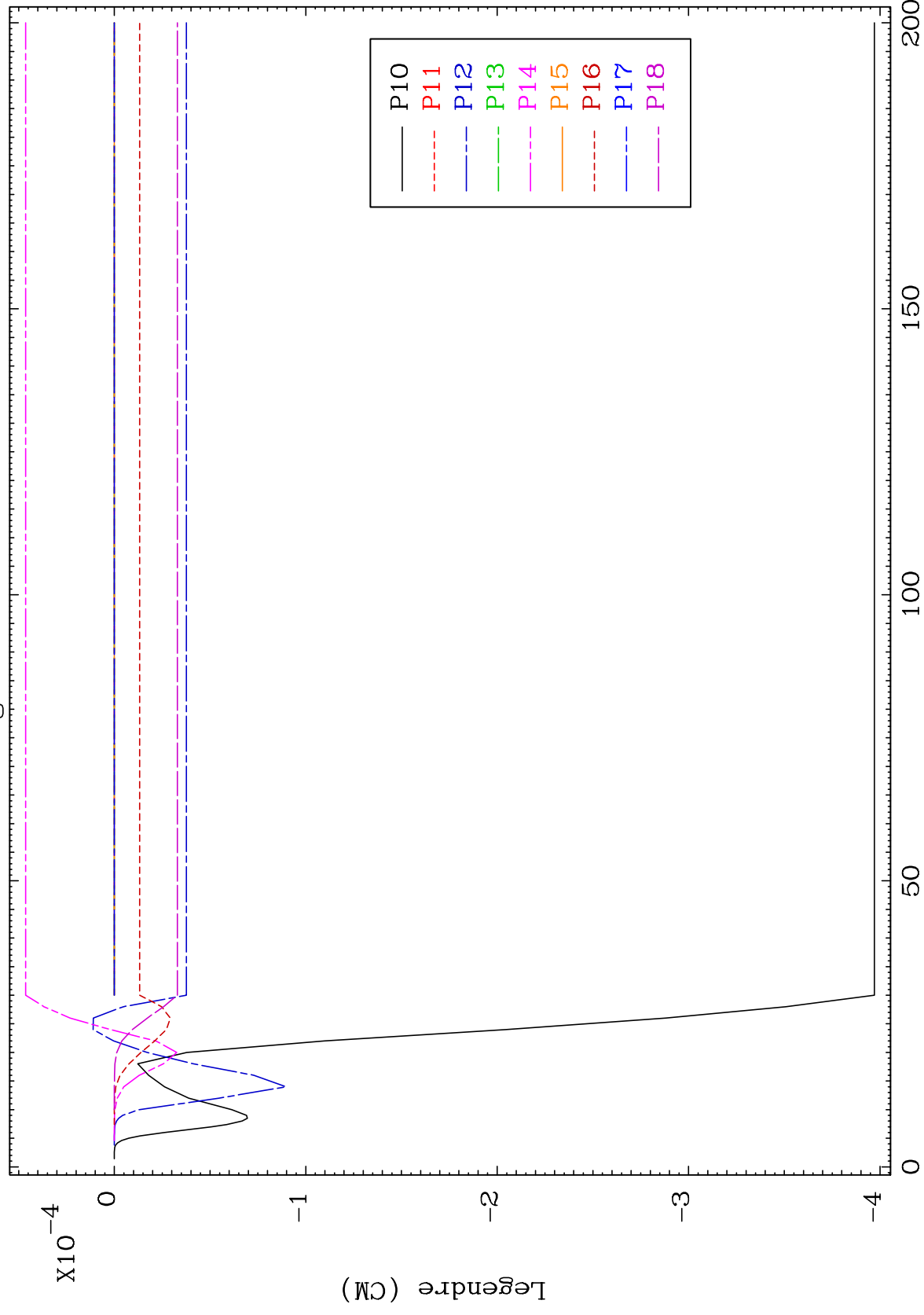
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



91

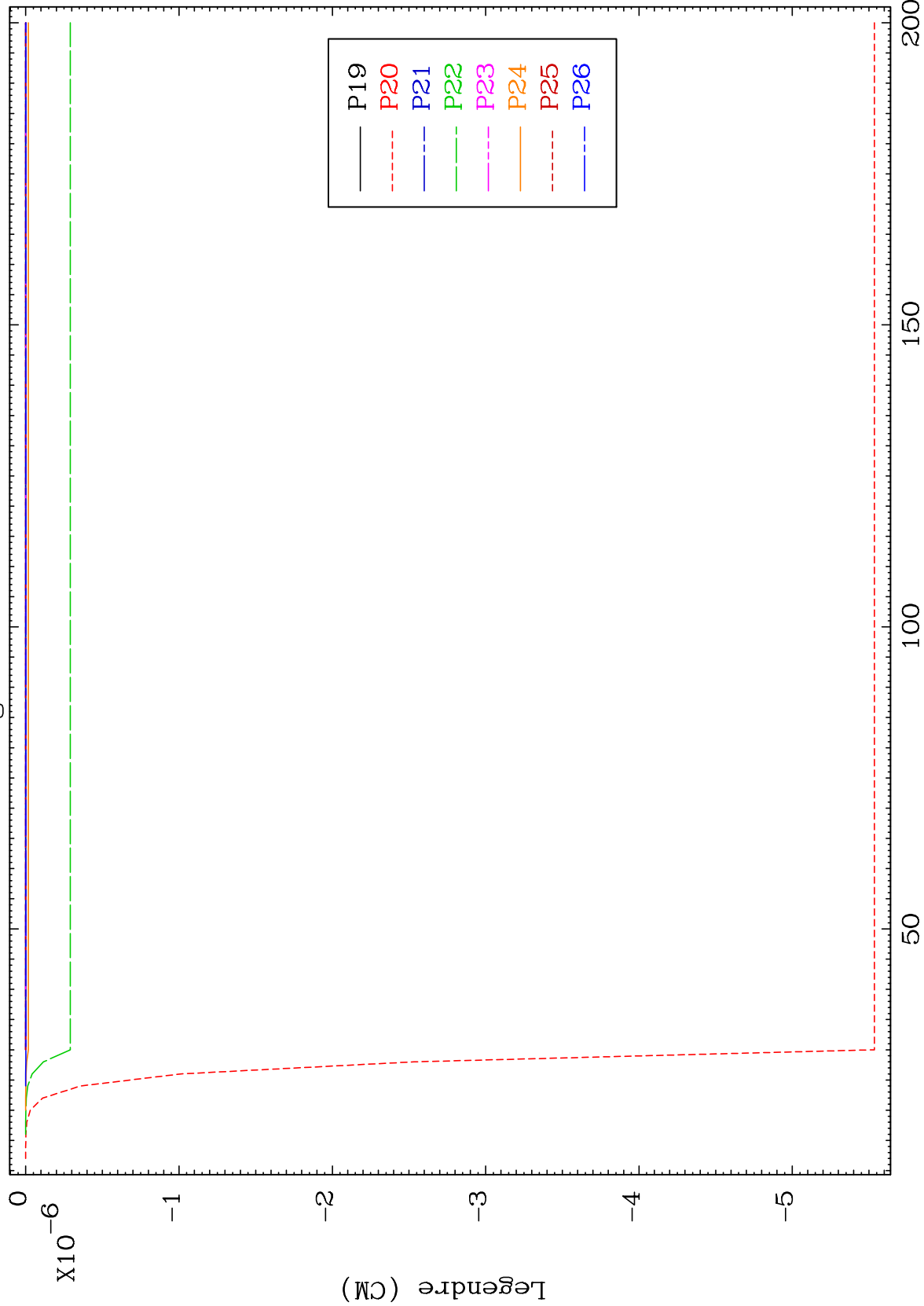
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



92

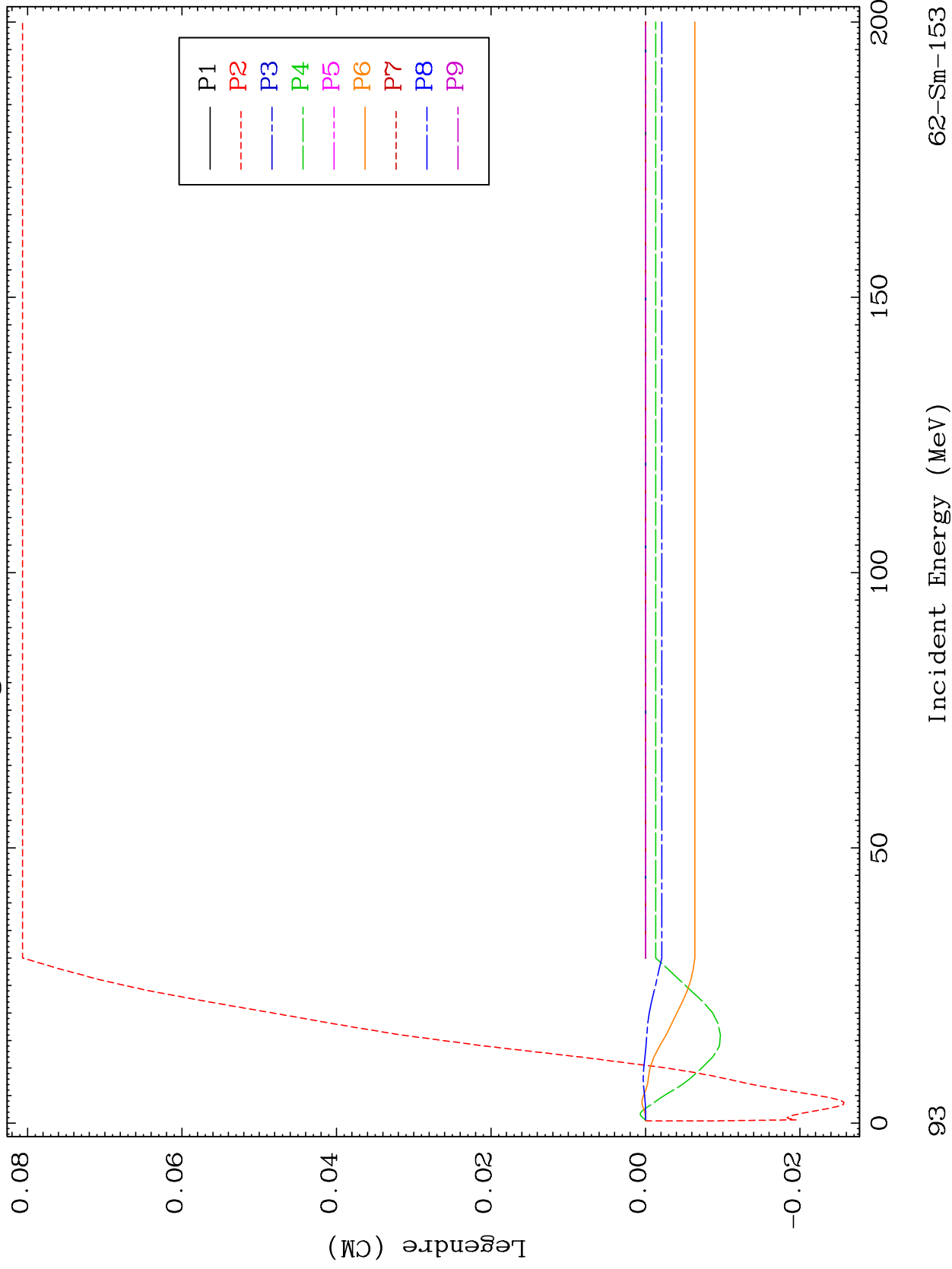
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



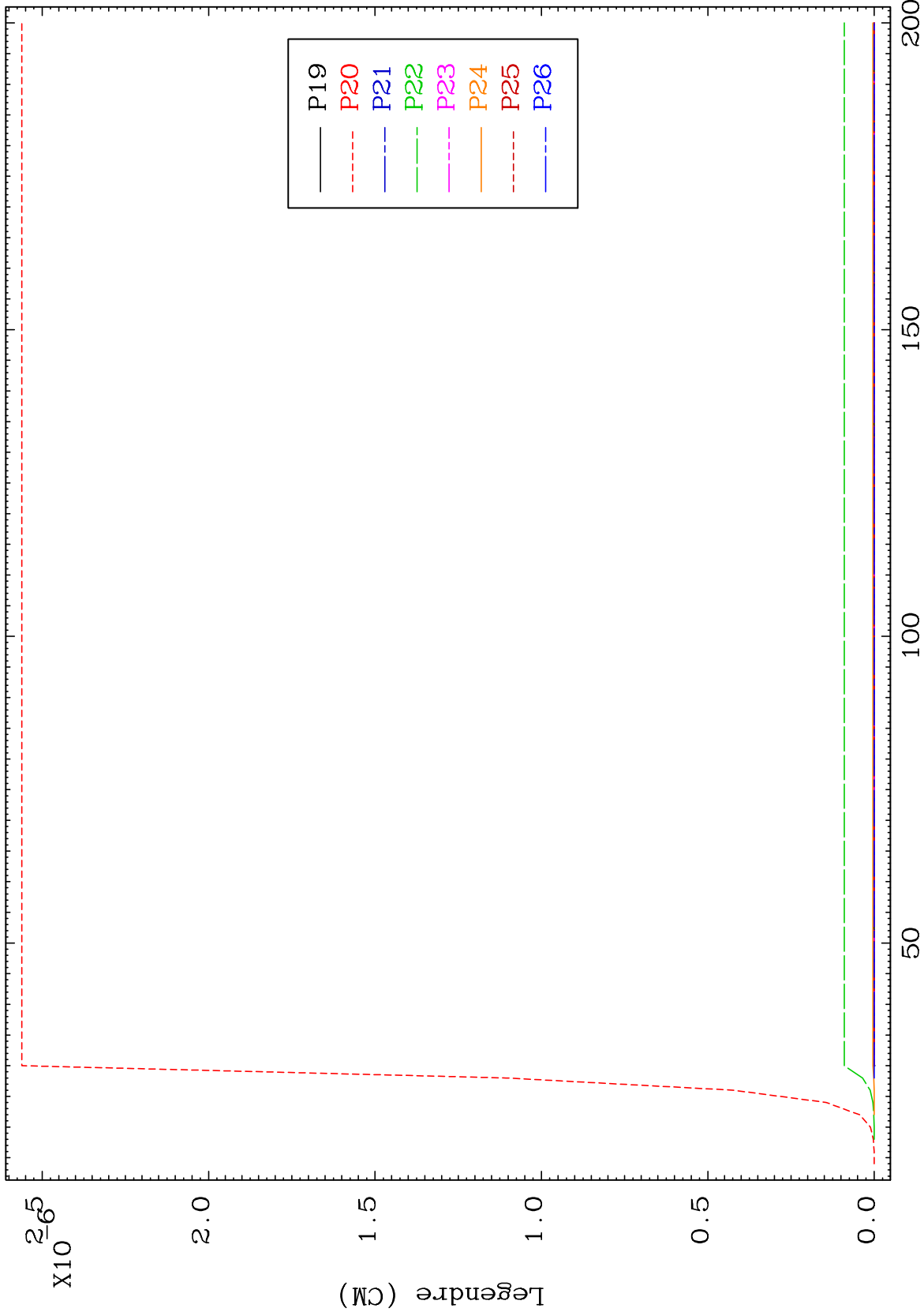
93

62-Sm-153

MAT 6252

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

62-Sm-153



95

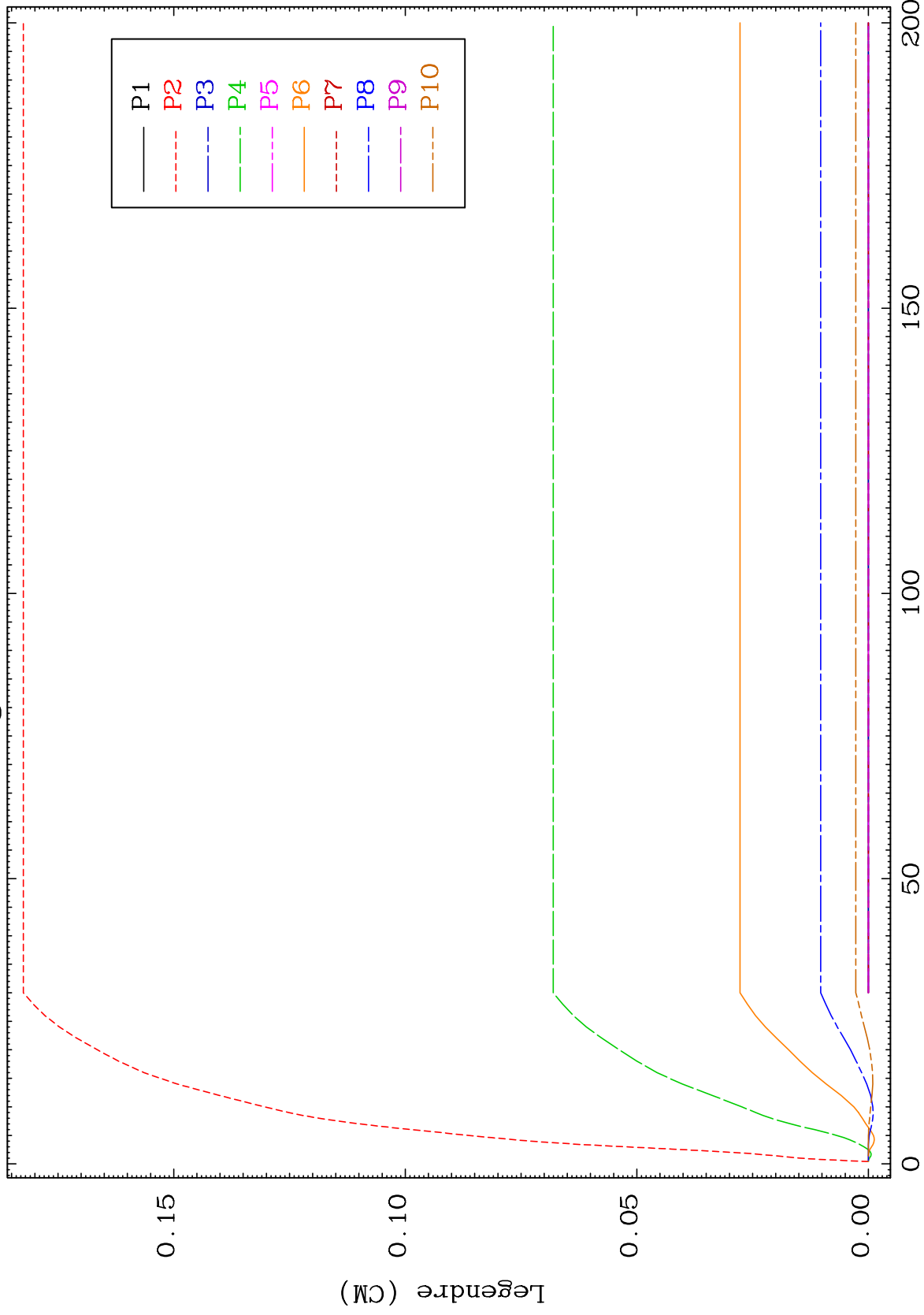
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

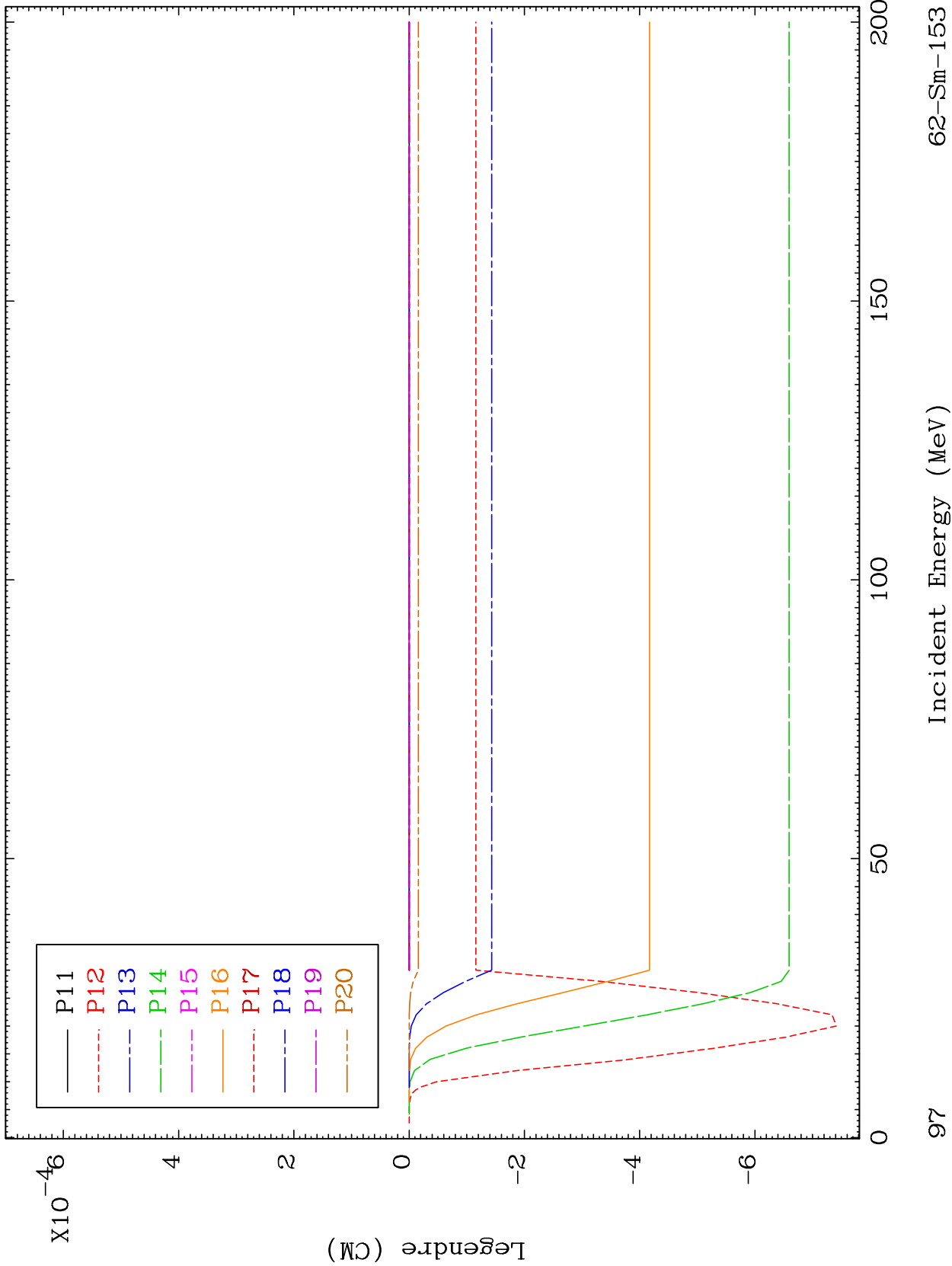
62-Sm-153



96

Incident Energy (MeV)

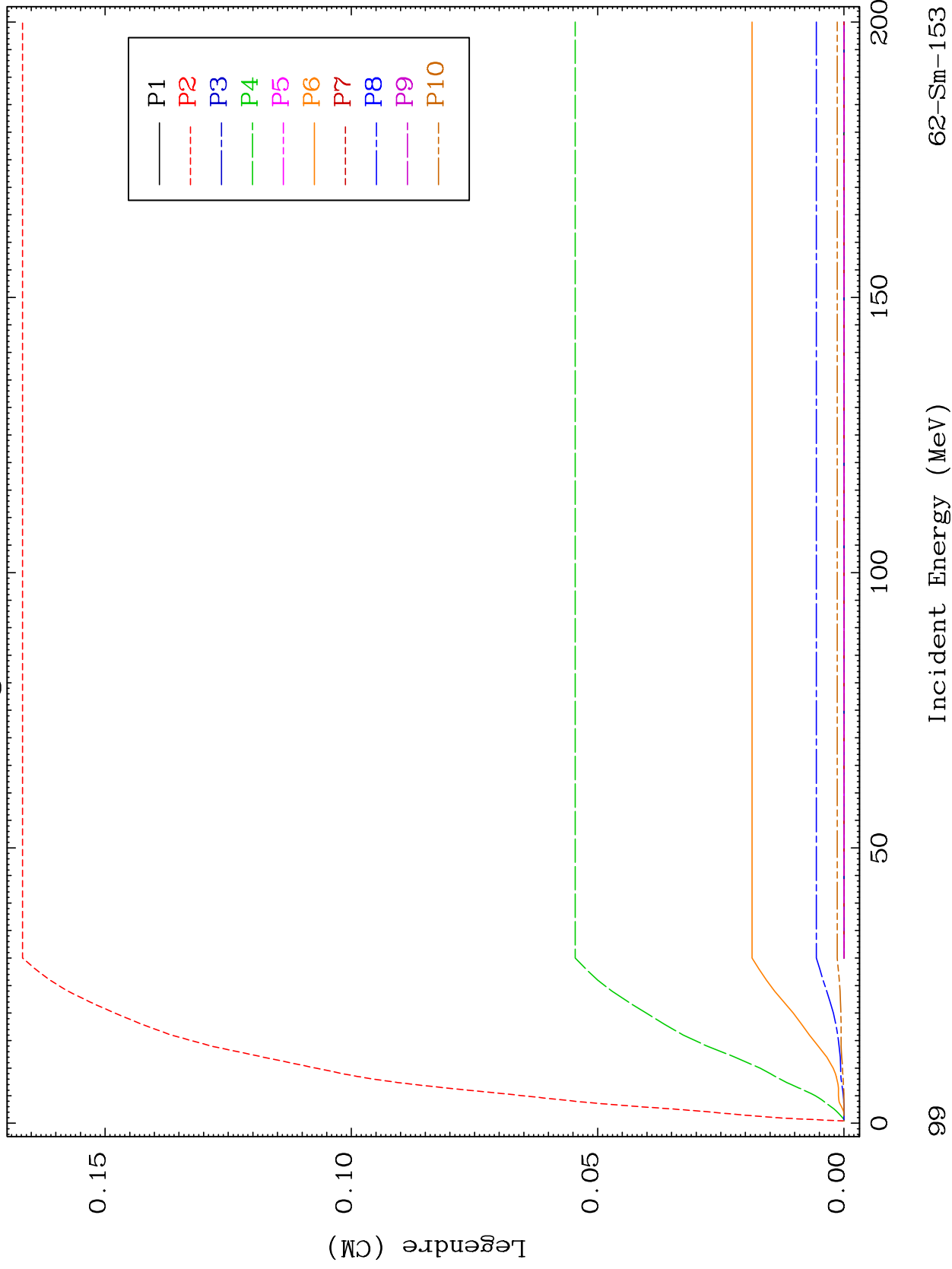
62-Sm-153



MAT 6252

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

62-Sm-153



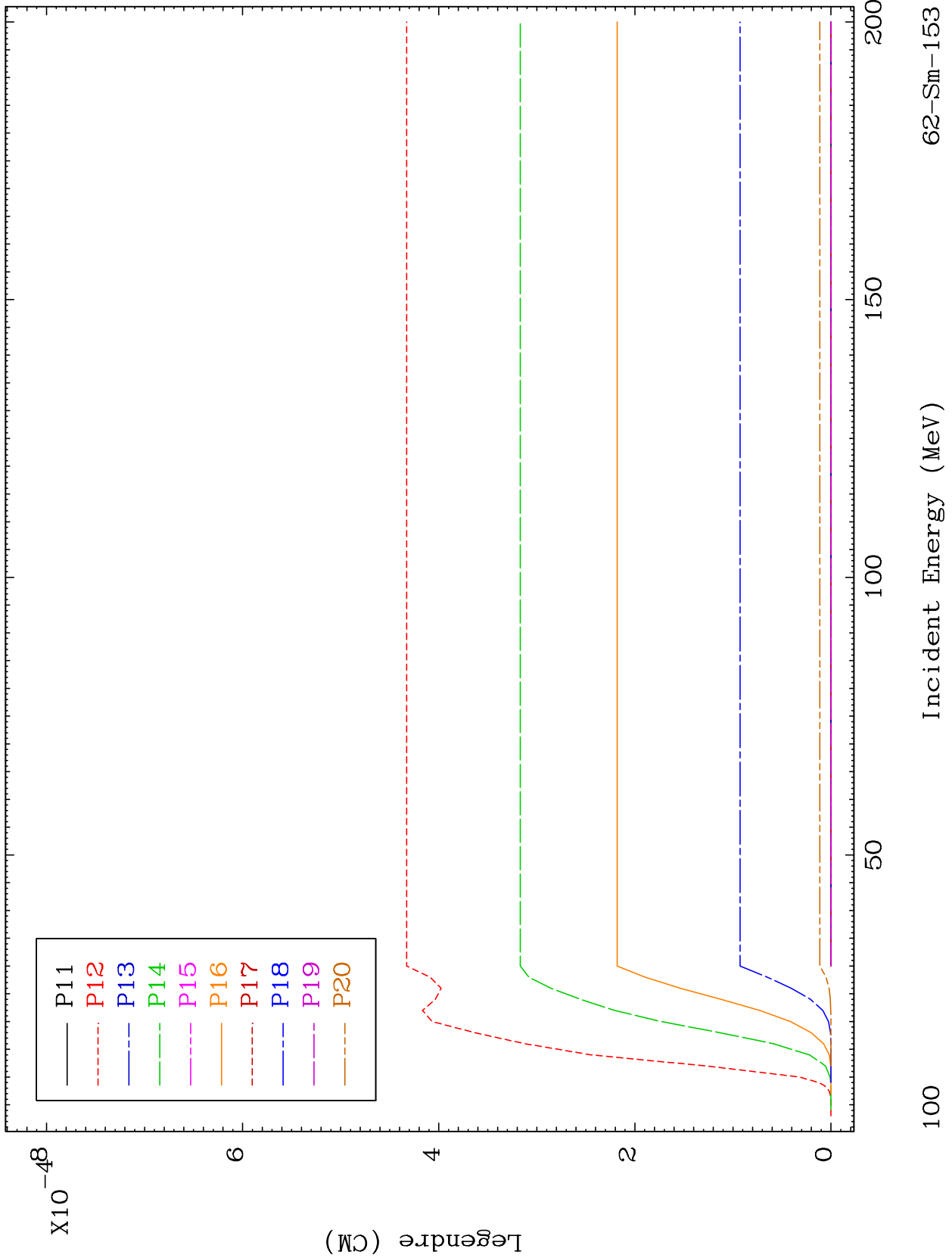
99

62-Sm-153

MAT 6252

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

62-Sm-153

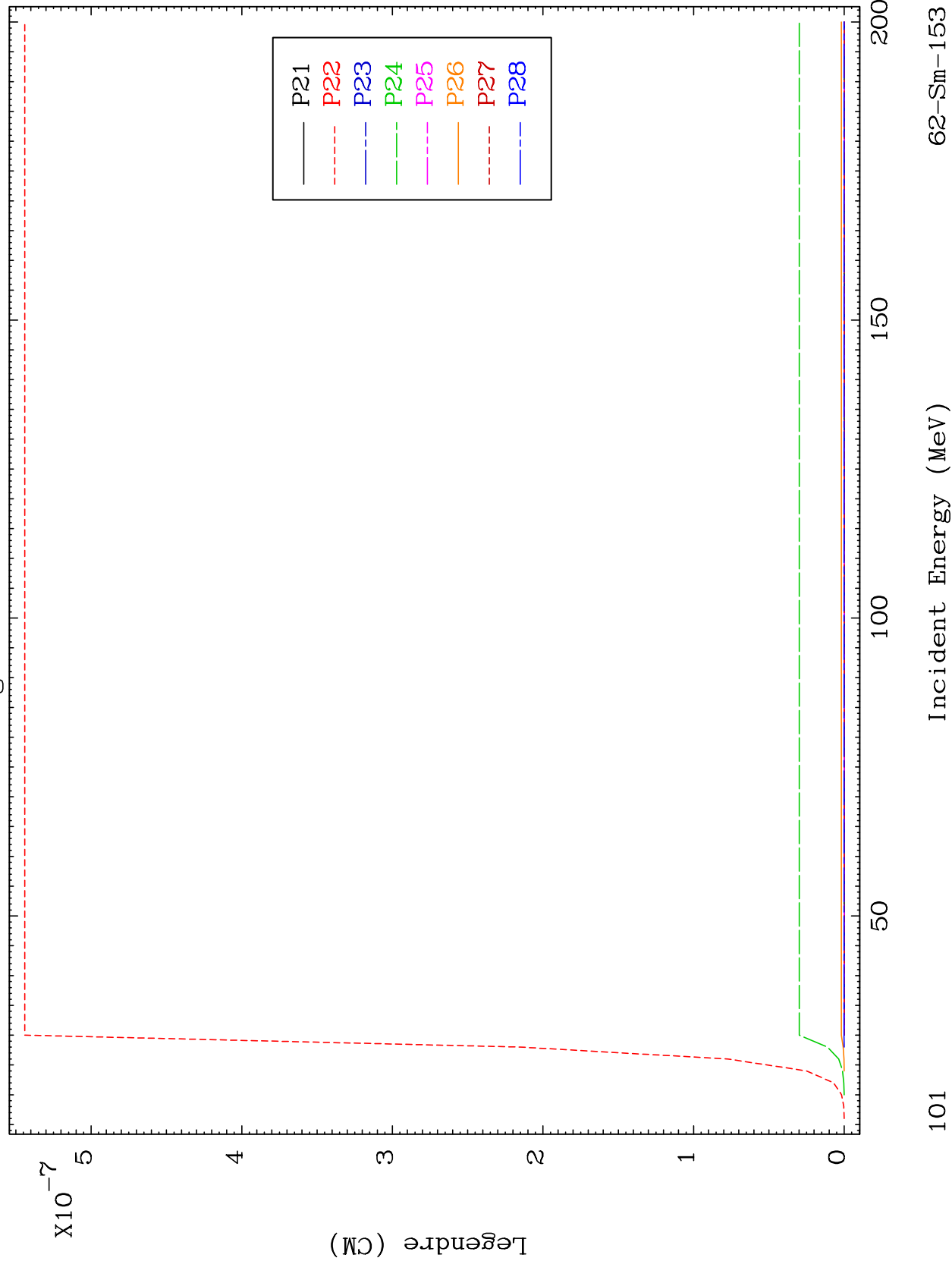


62-Sm-153

MAT 6252

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

62-Sm-153



101

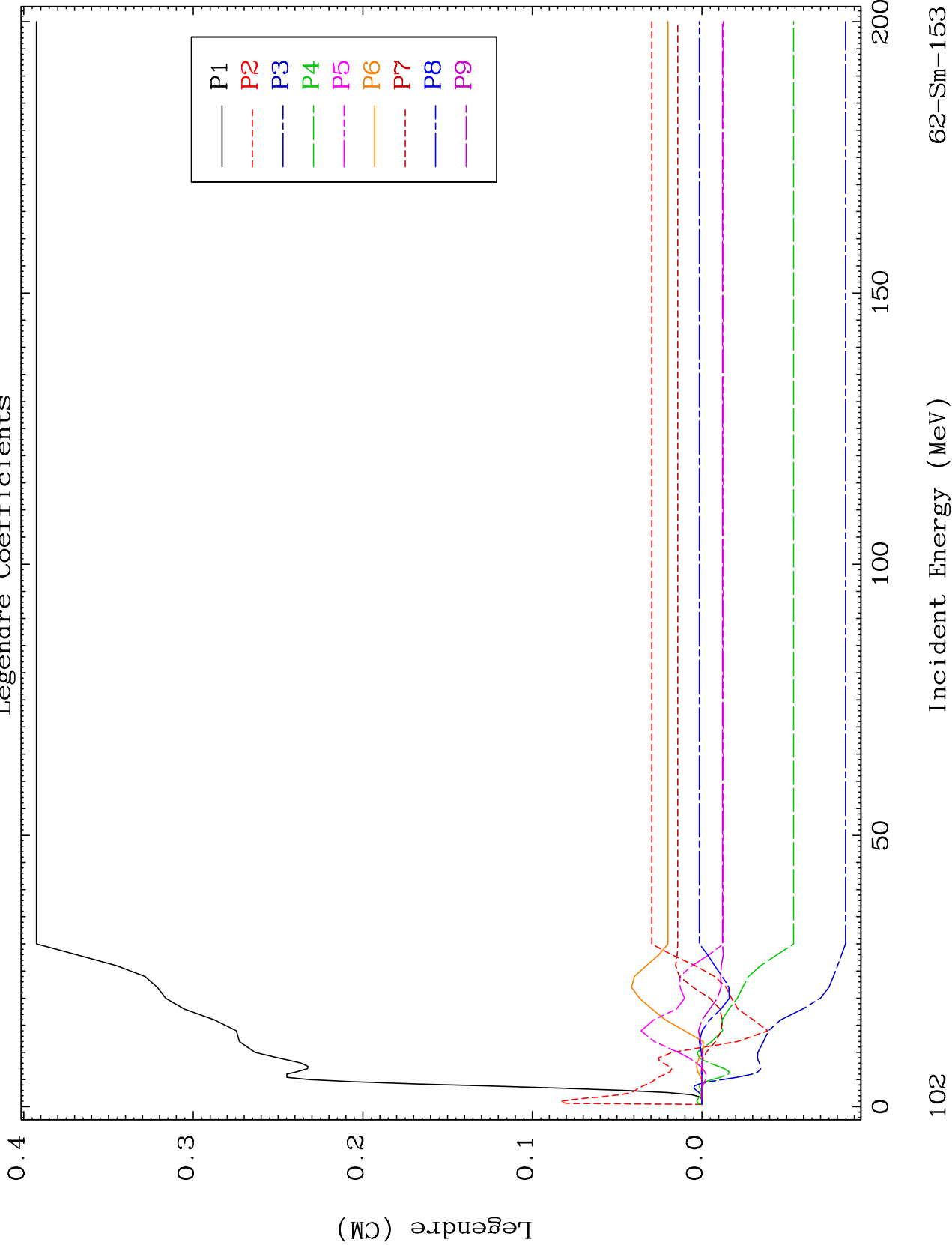
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

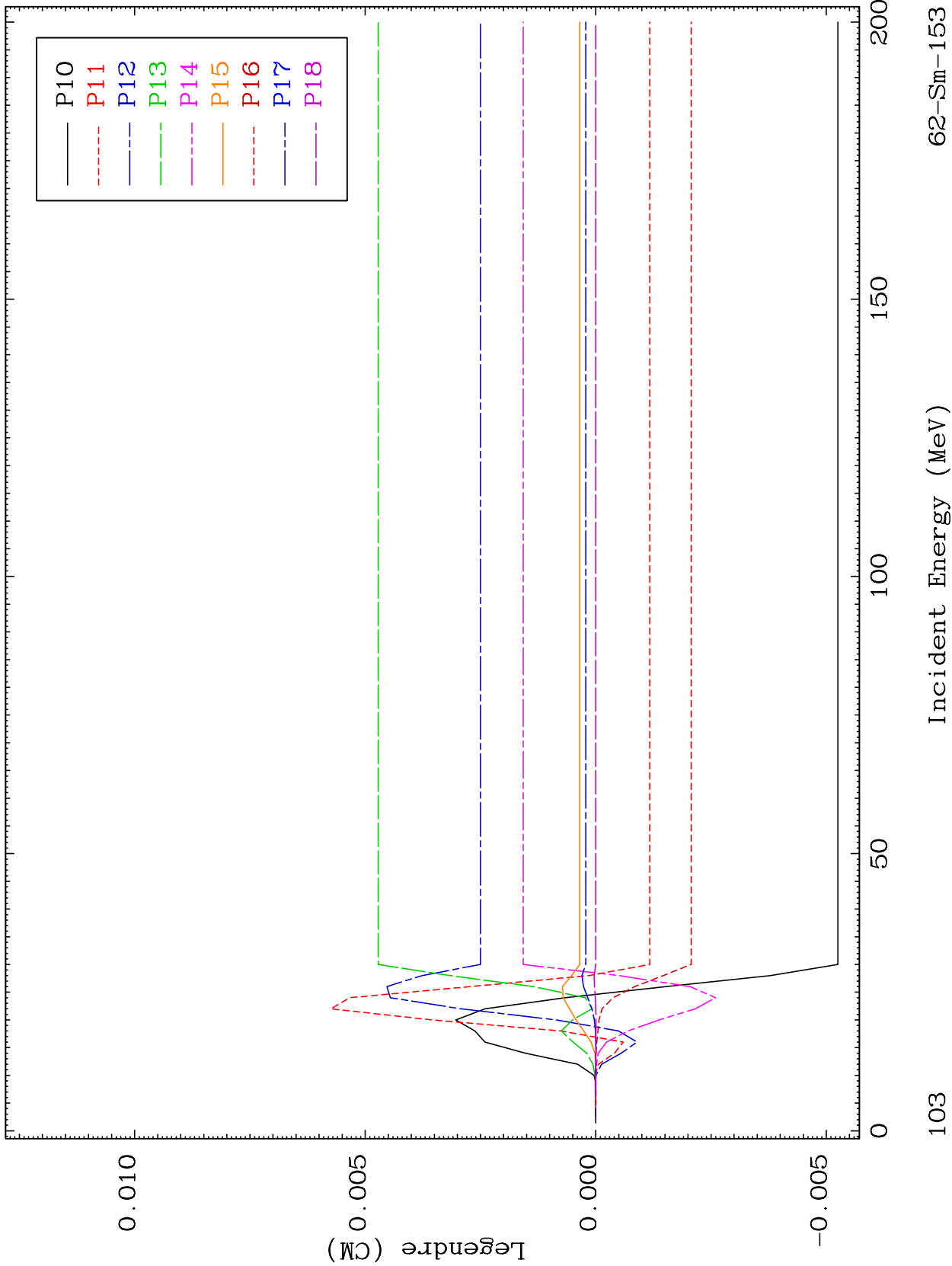
Incident Energy (MeV)

102

MAT 6252

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

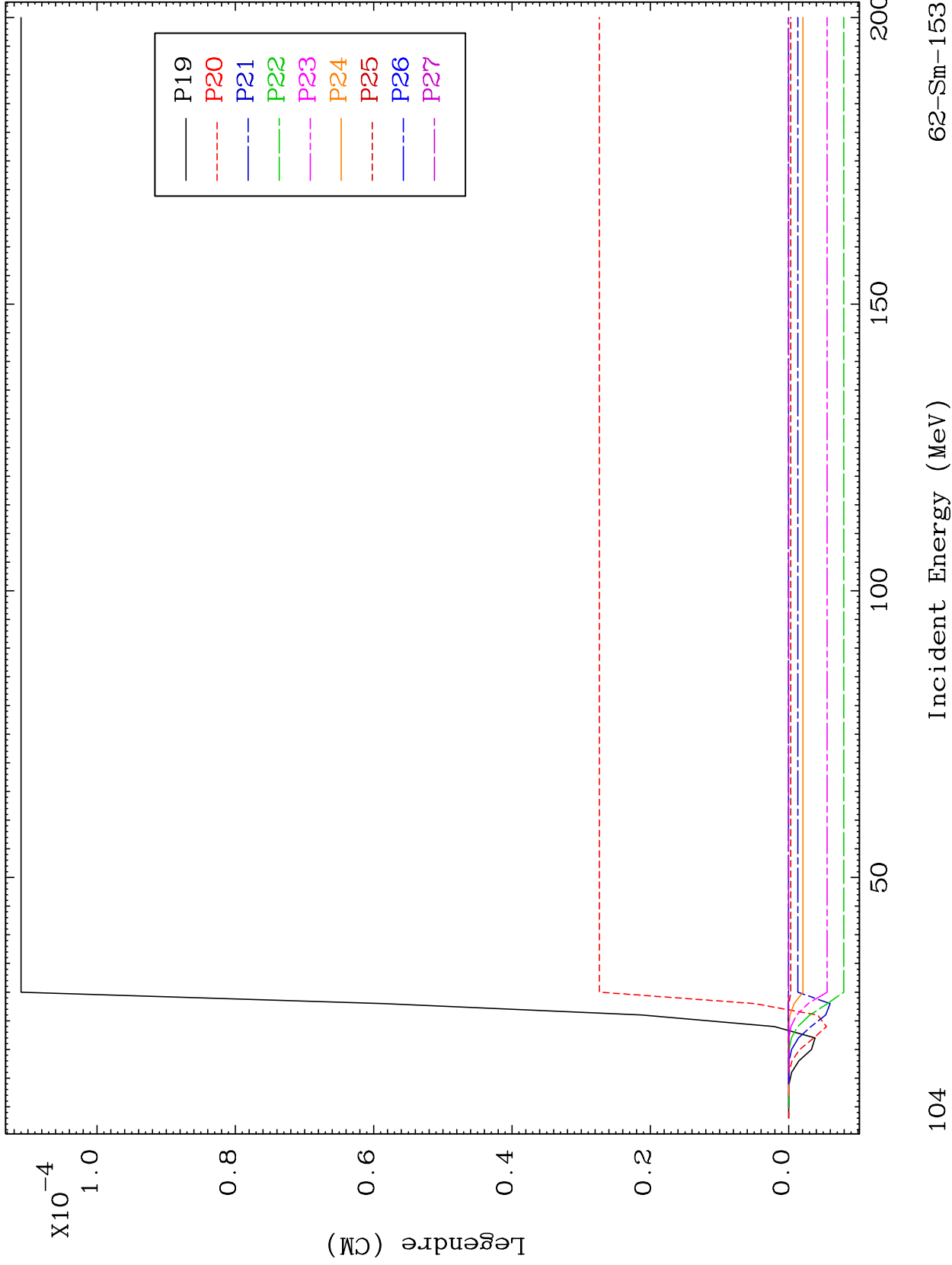
62-Sm-153



62-Sm-153

Incident Energy (MeV)

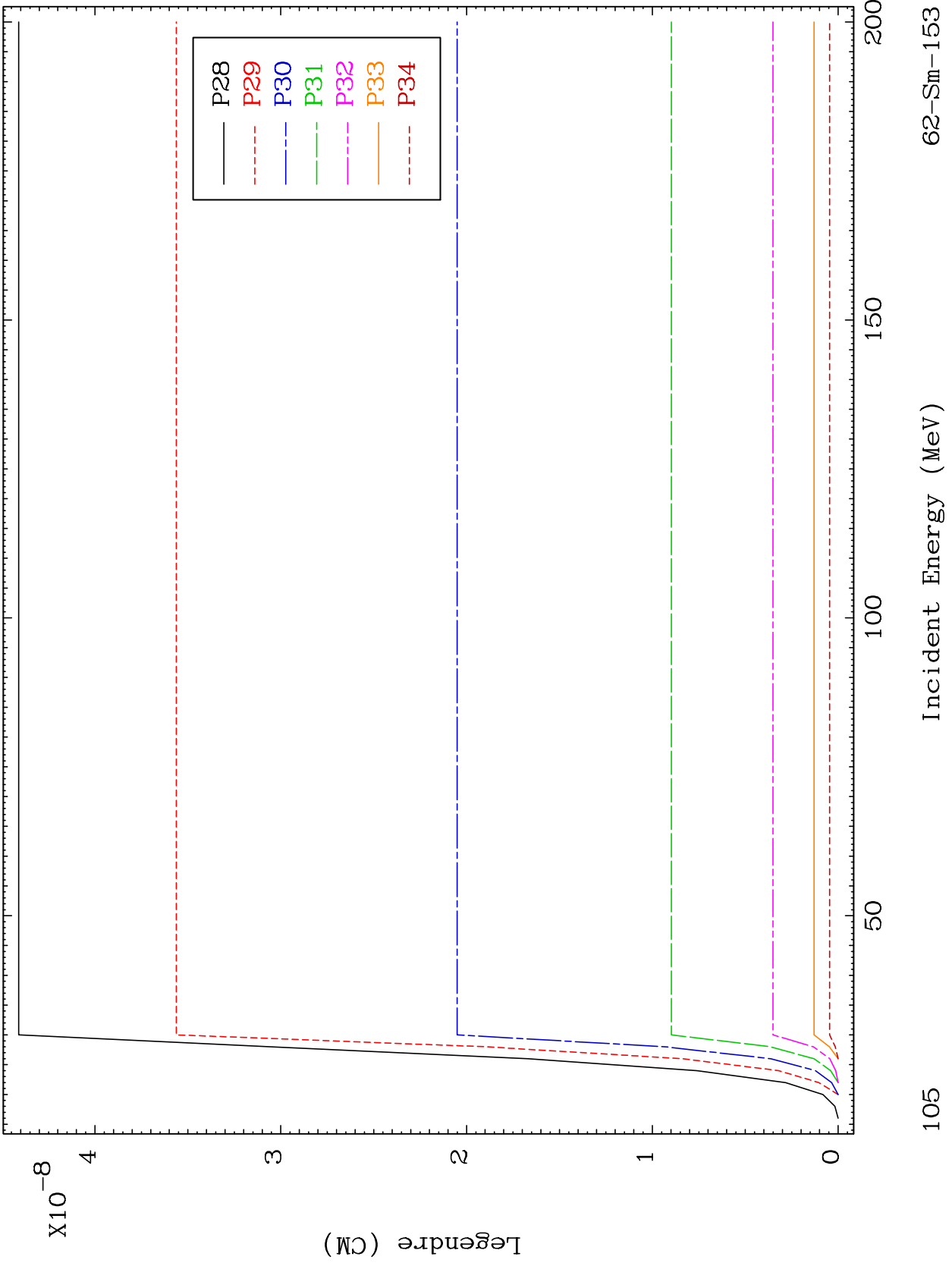
103



MAT 6252

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

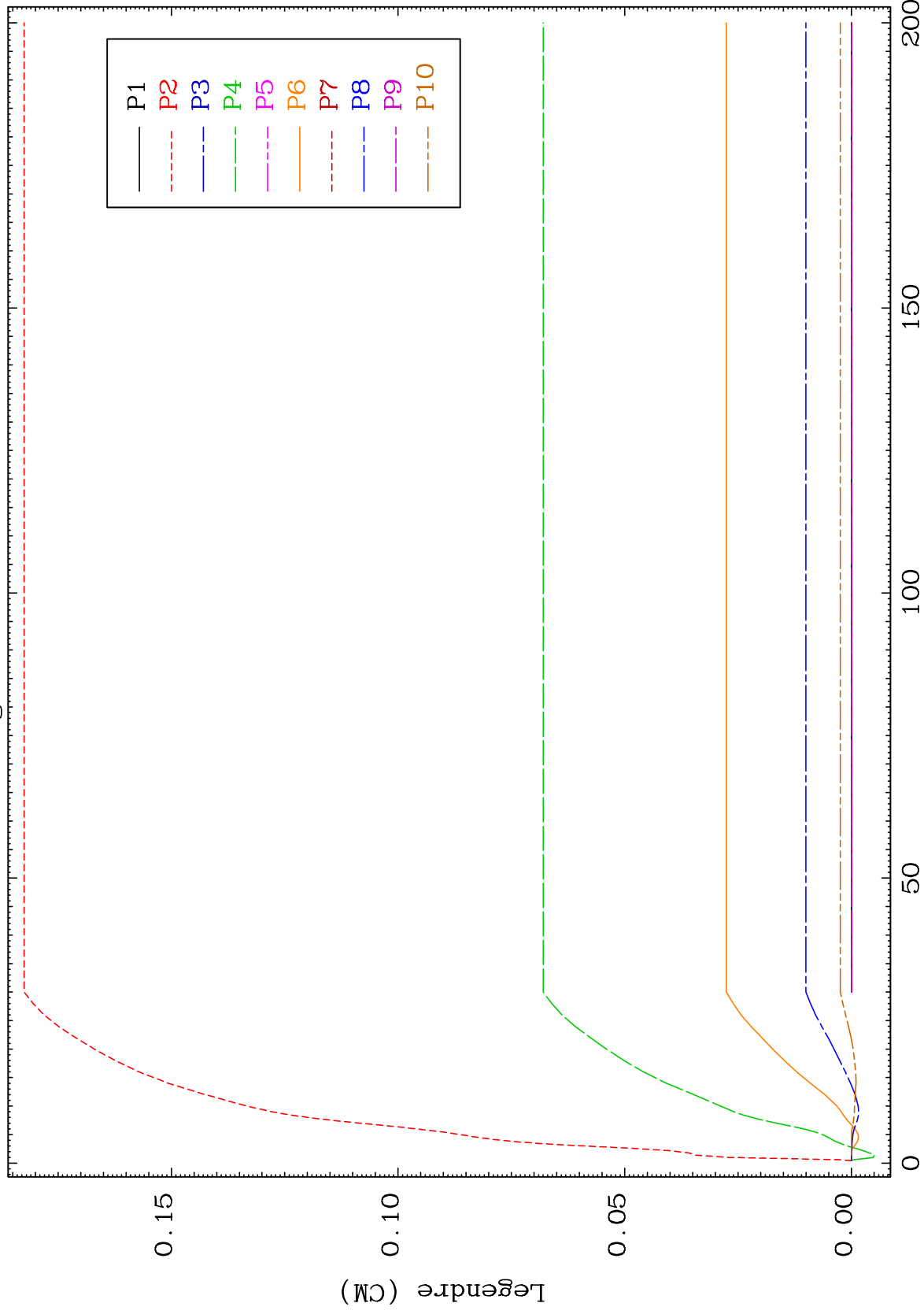
62-Sm-153



MAT 6252

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

62-Sm-153



106

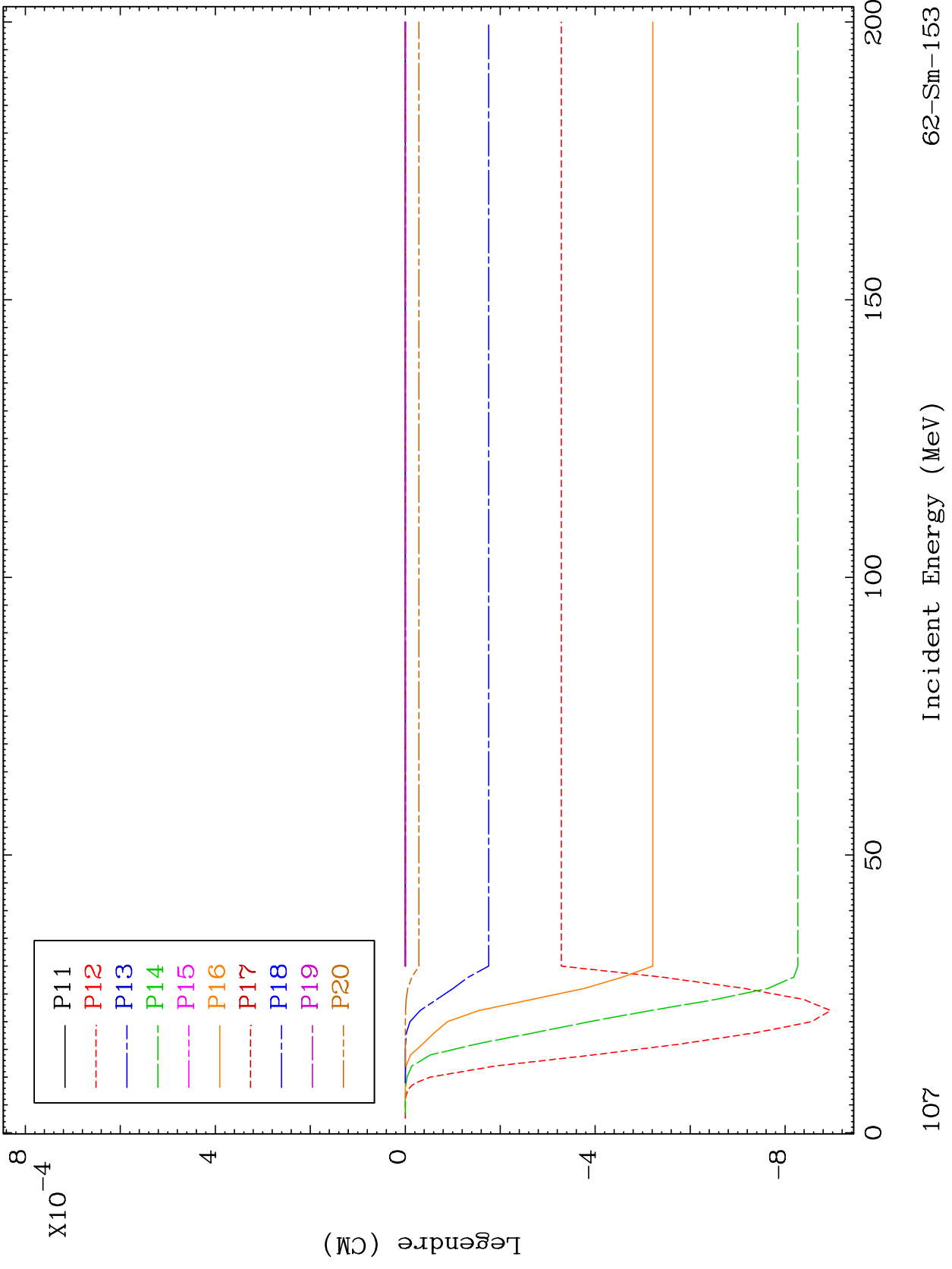
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



107

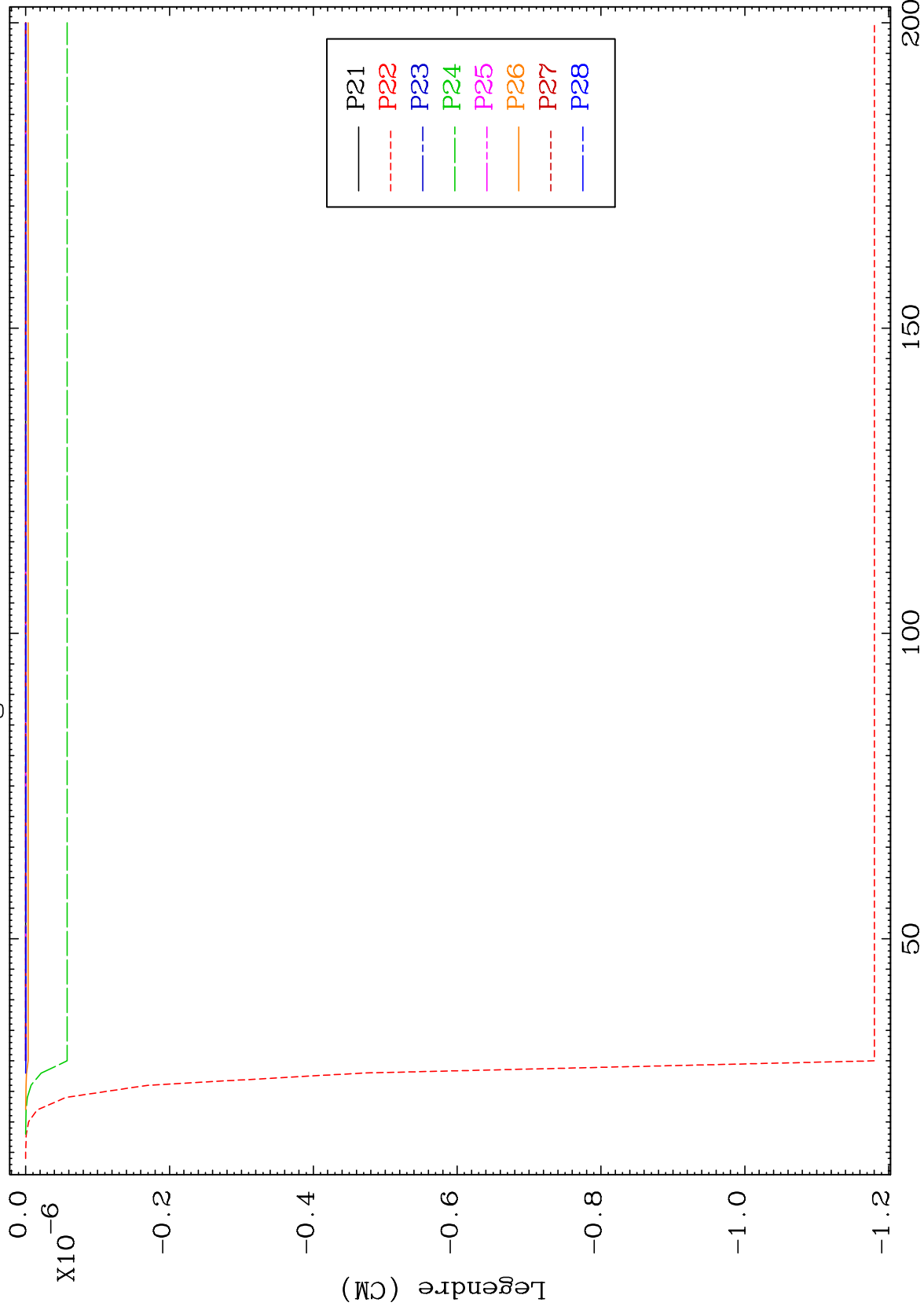
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



108

Incident Energy (MeV)

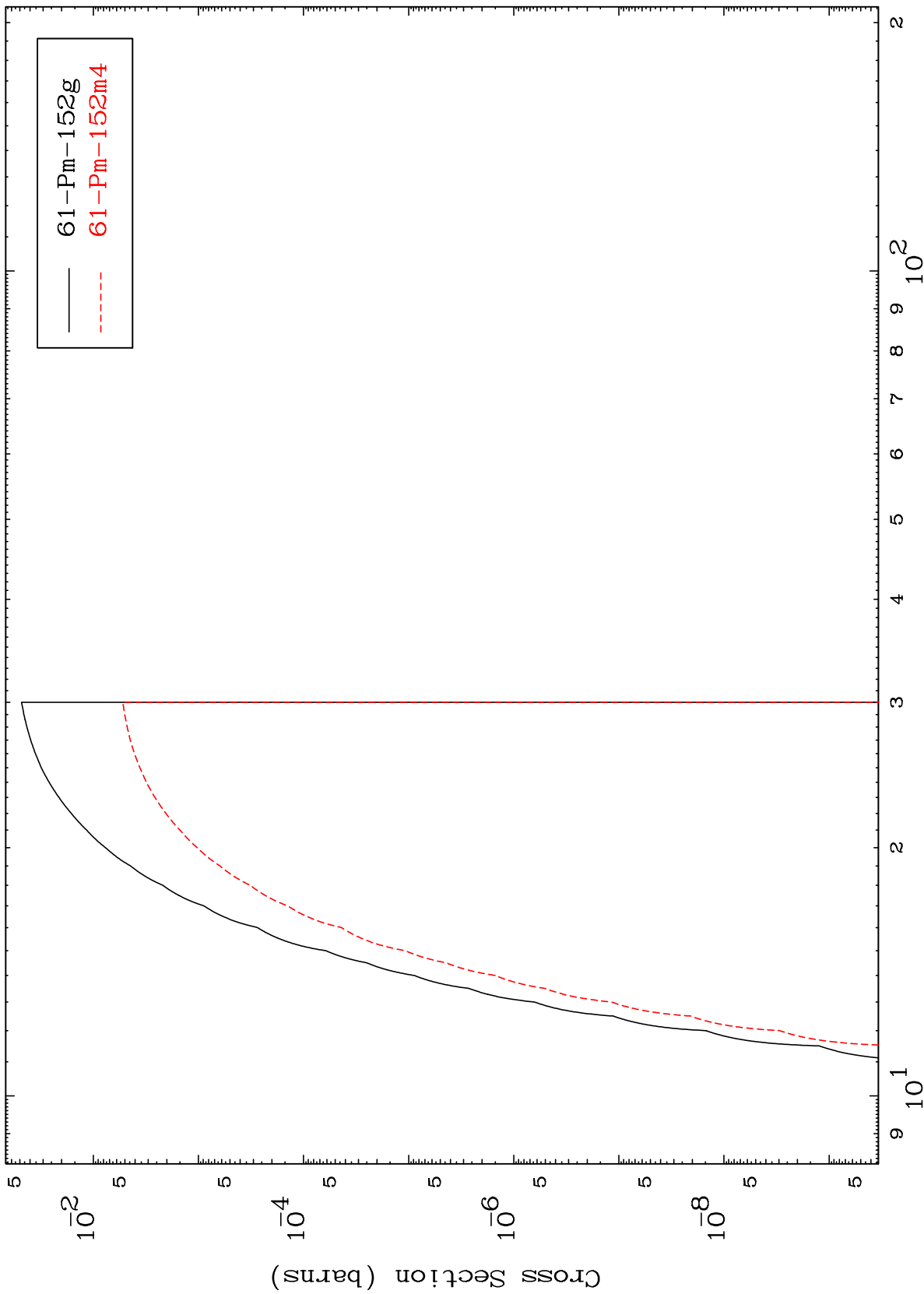
62-Sm-153

MAT 6252

(n,n') p

62-Sm-153

Radionuclide Production Cross Section



61-Pm-152g
61-Pm-152m4

109

Incident Energy (MeV)

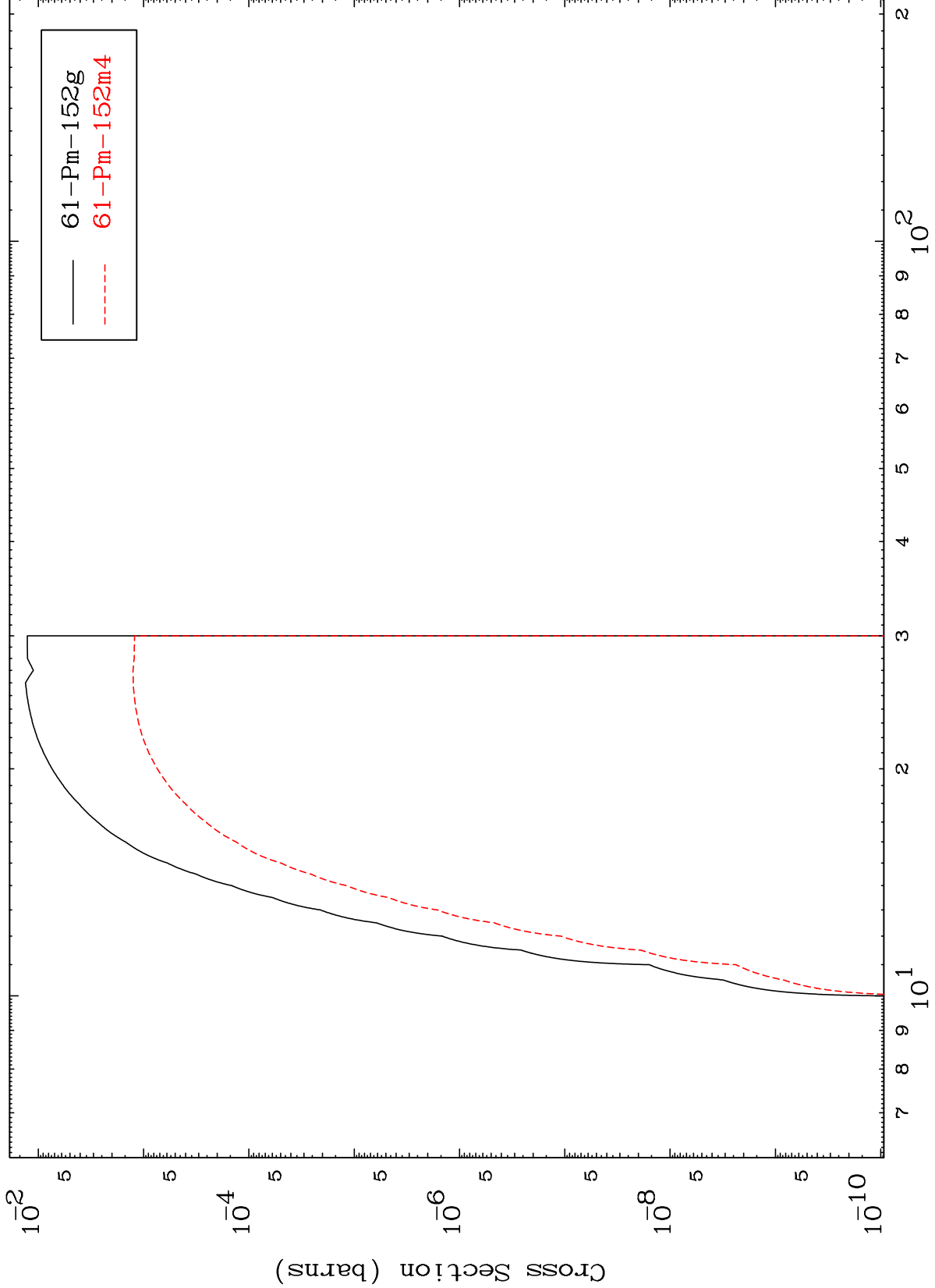
62-Sm-153

MAT 6252

(n,d)

62-Sm-153

Radionuclide Production Cross Section



110

Incident Energy (MeV)

62-Sm-153