

Program EVALPLOT  
(Version 2018-1)

by

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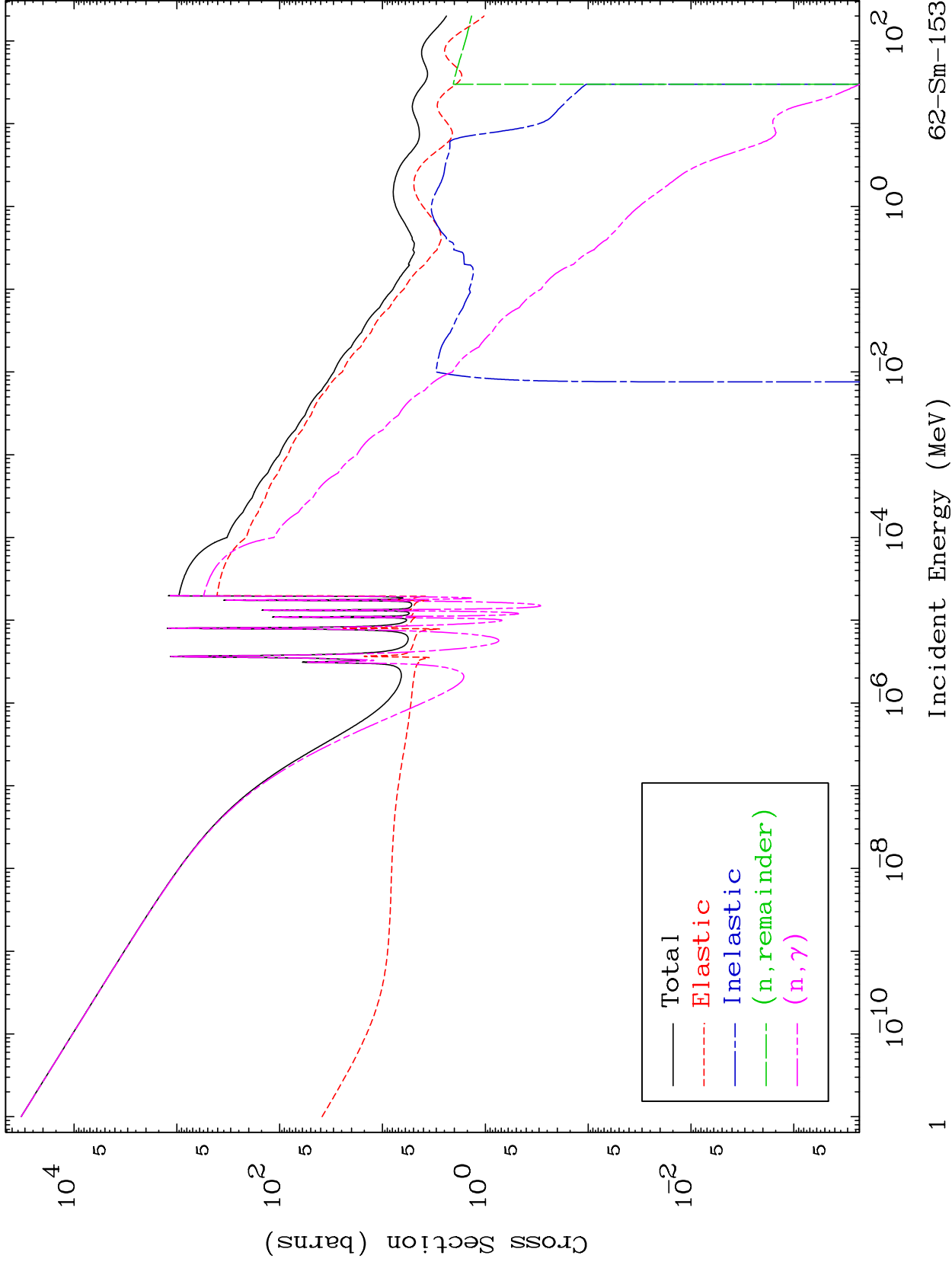
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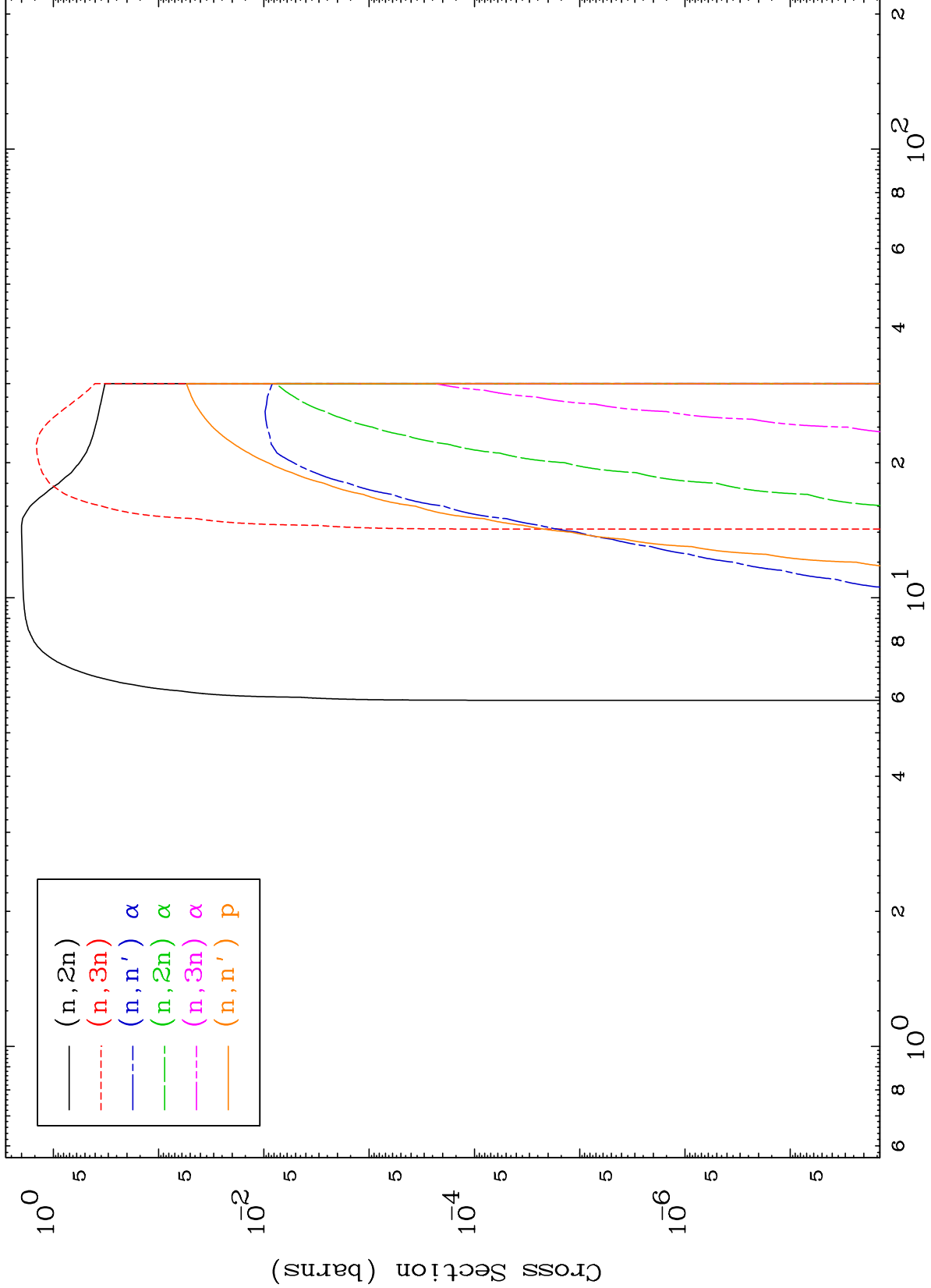
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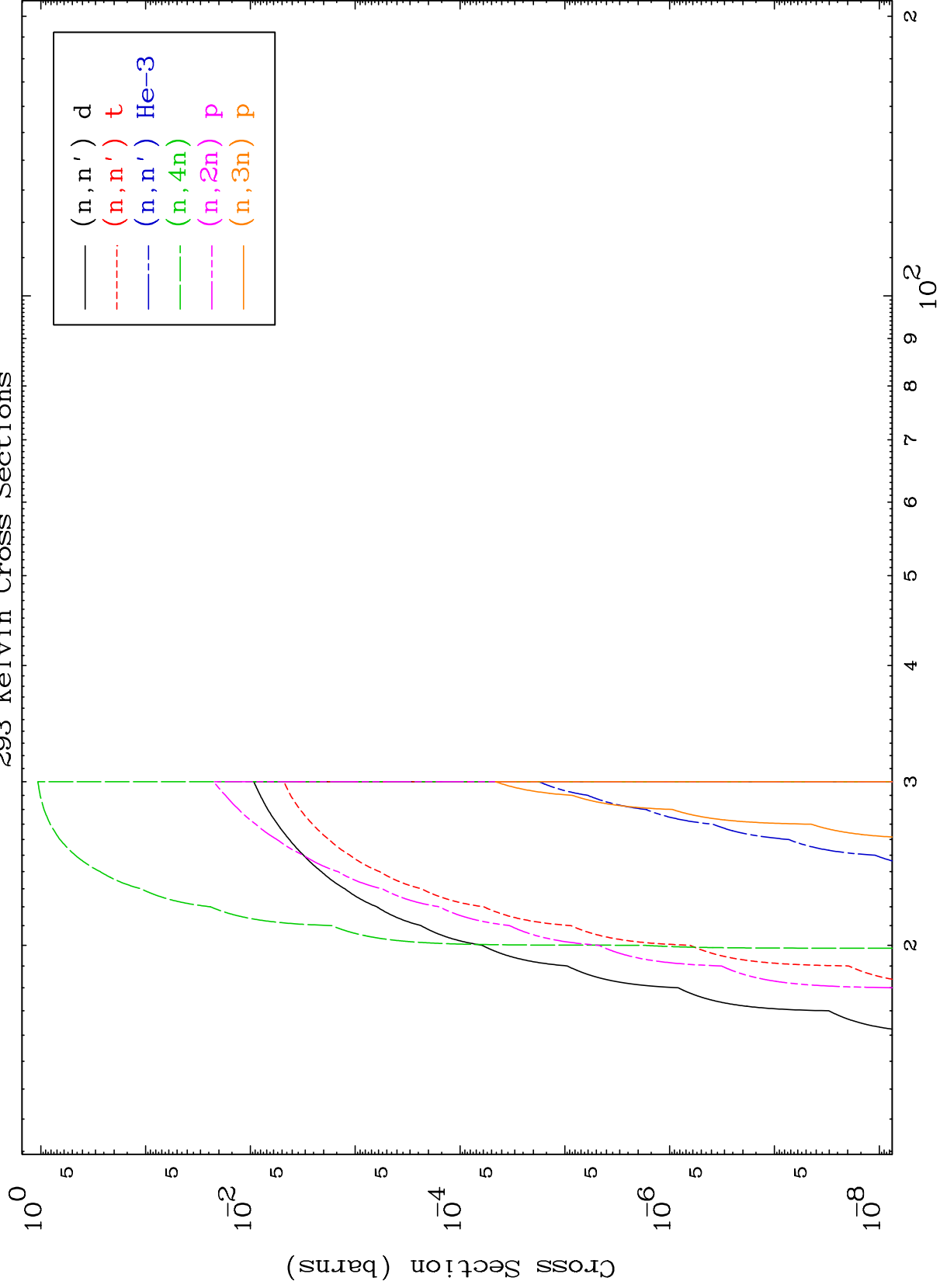
MAT 6252

Major  
293 Kelvin Cross Sections

62-Sm-153



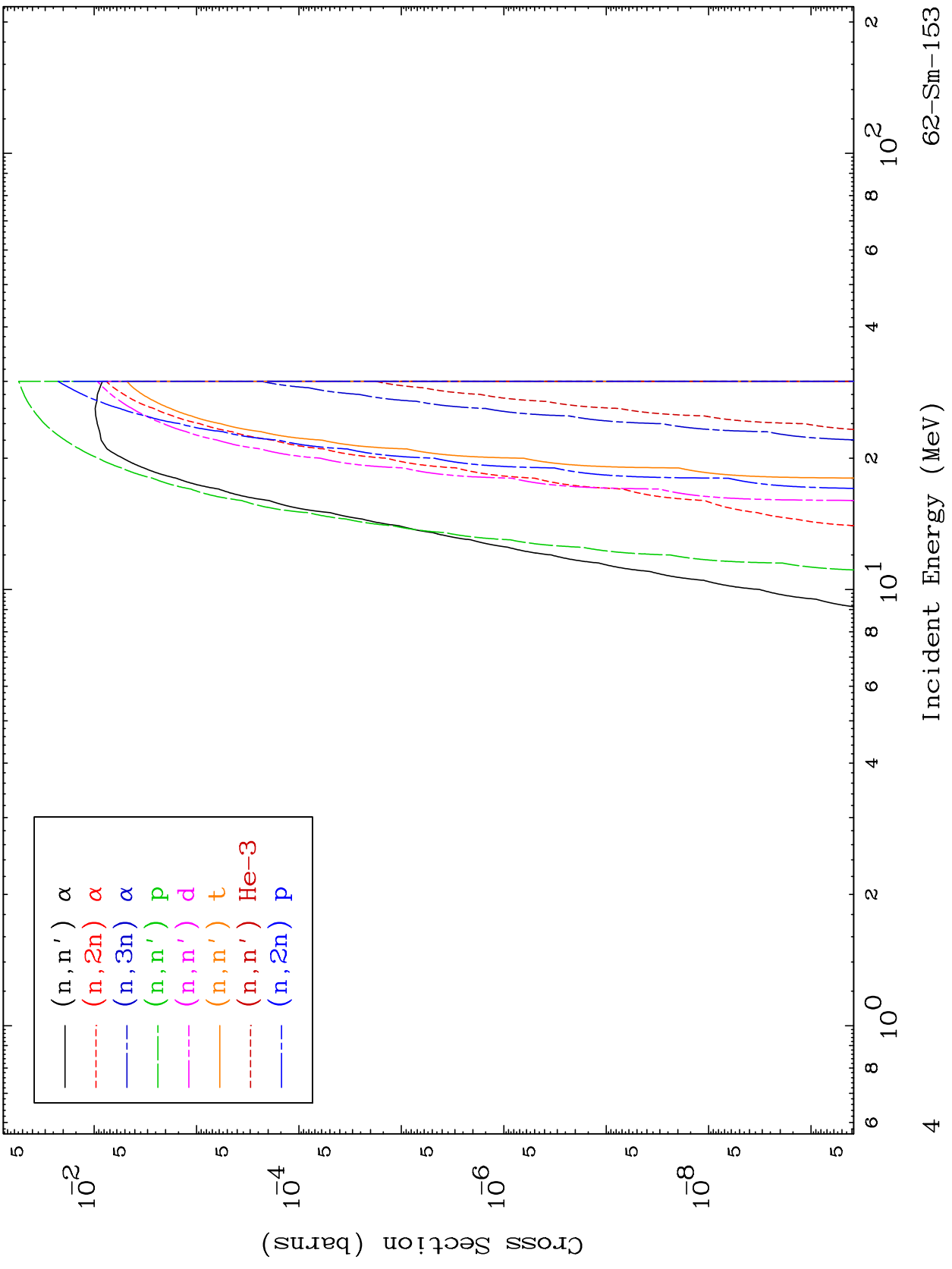




MAT 6252

Charged Particle  
293 Kelvin Cross Sections

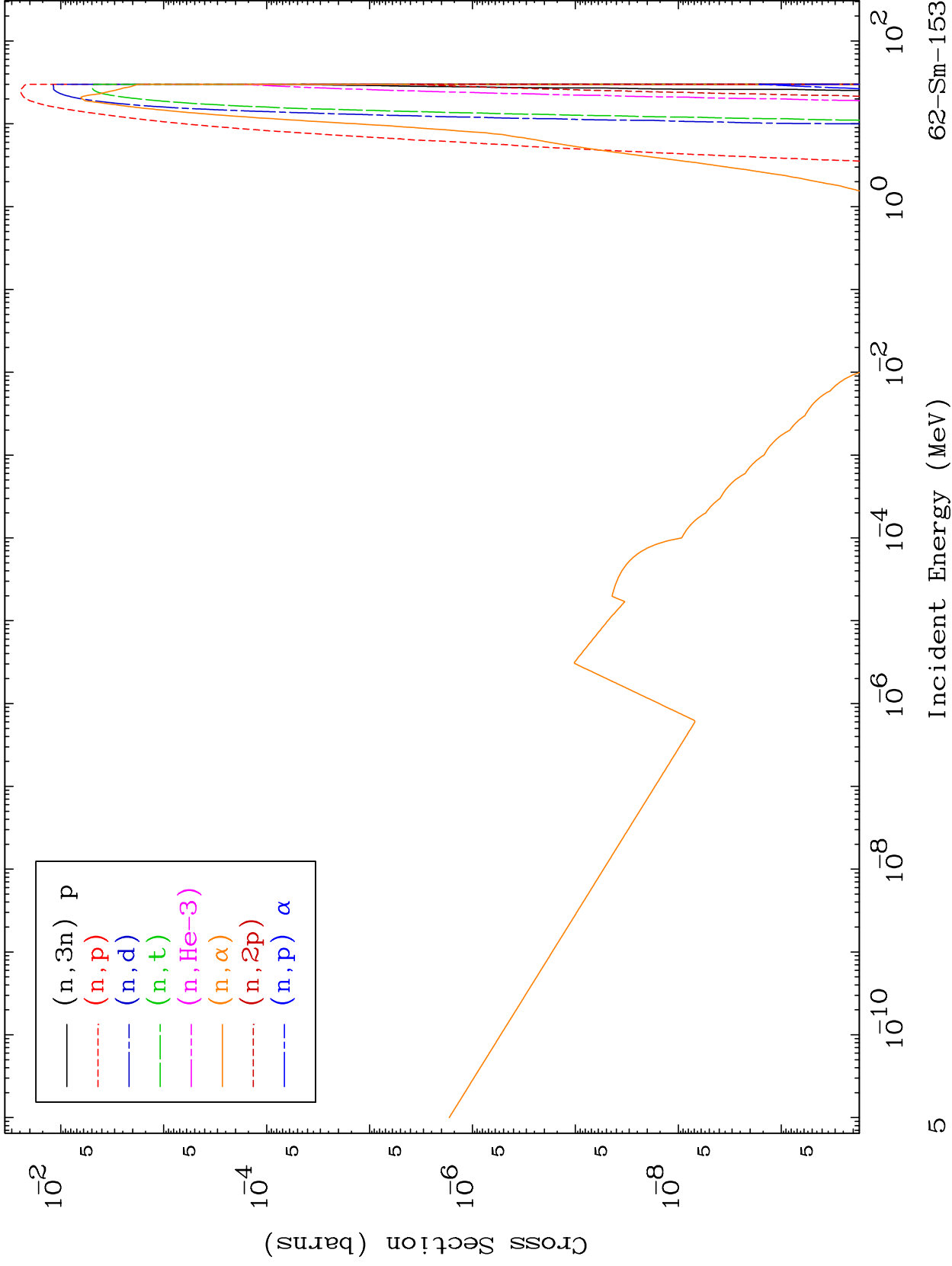
62-Sm-153

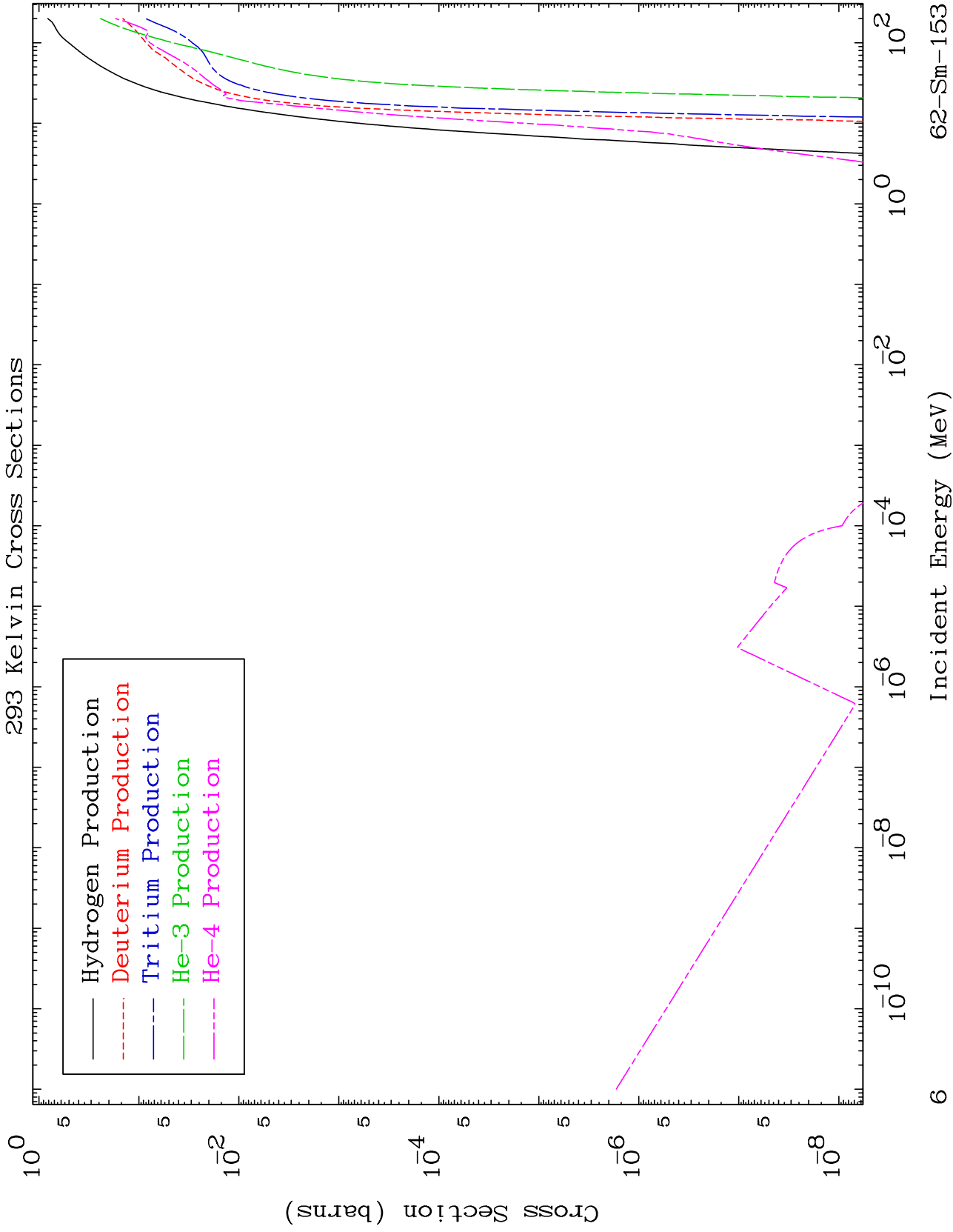


MAT 6252

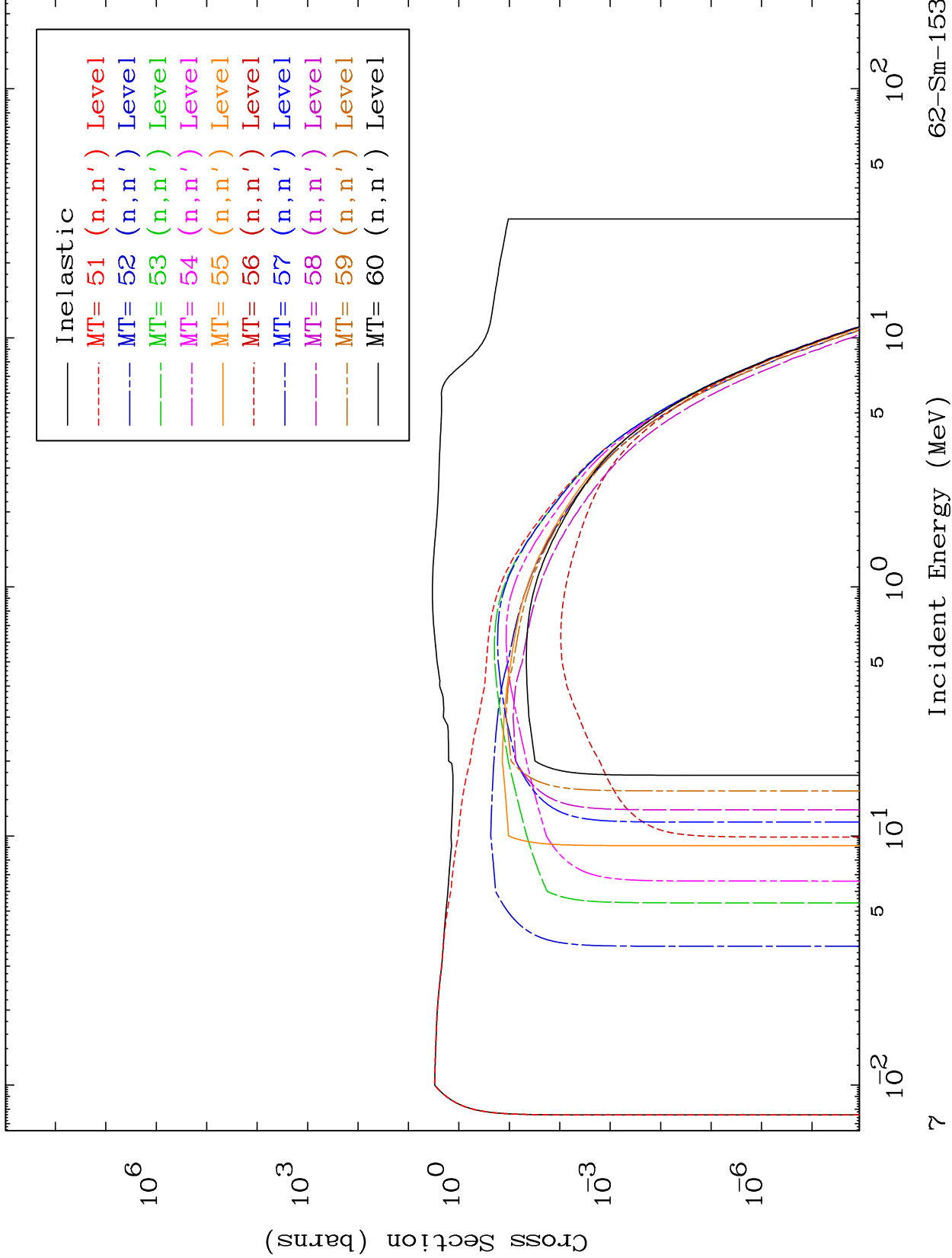
Charged Particle  
293 Kelvin Cross Sections

62-Sm-153





293 Kelvin Cross Sections



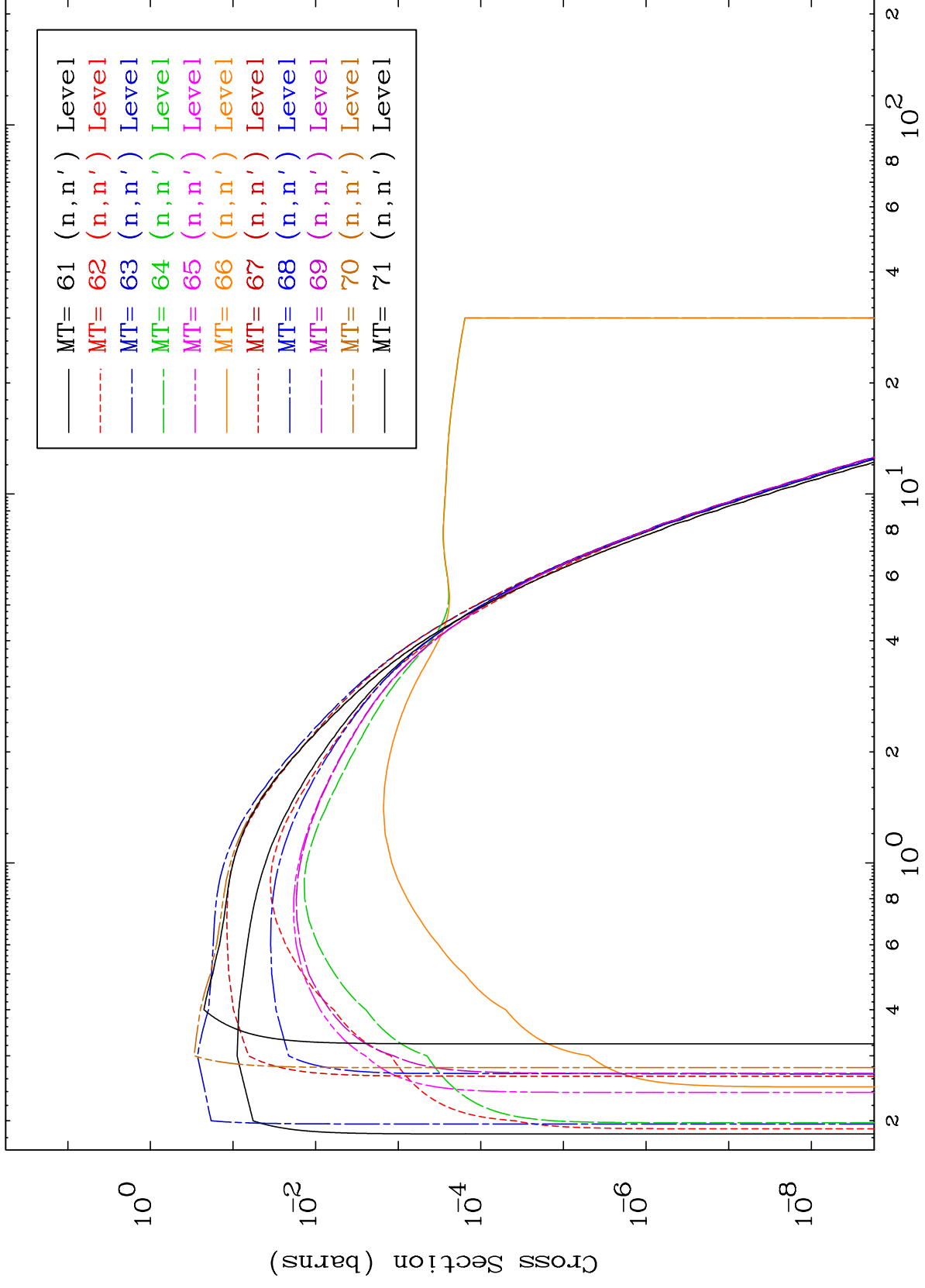


MAT 6252

(n,n') Level

62-Sm-153

293 Kelvin Cross Sections

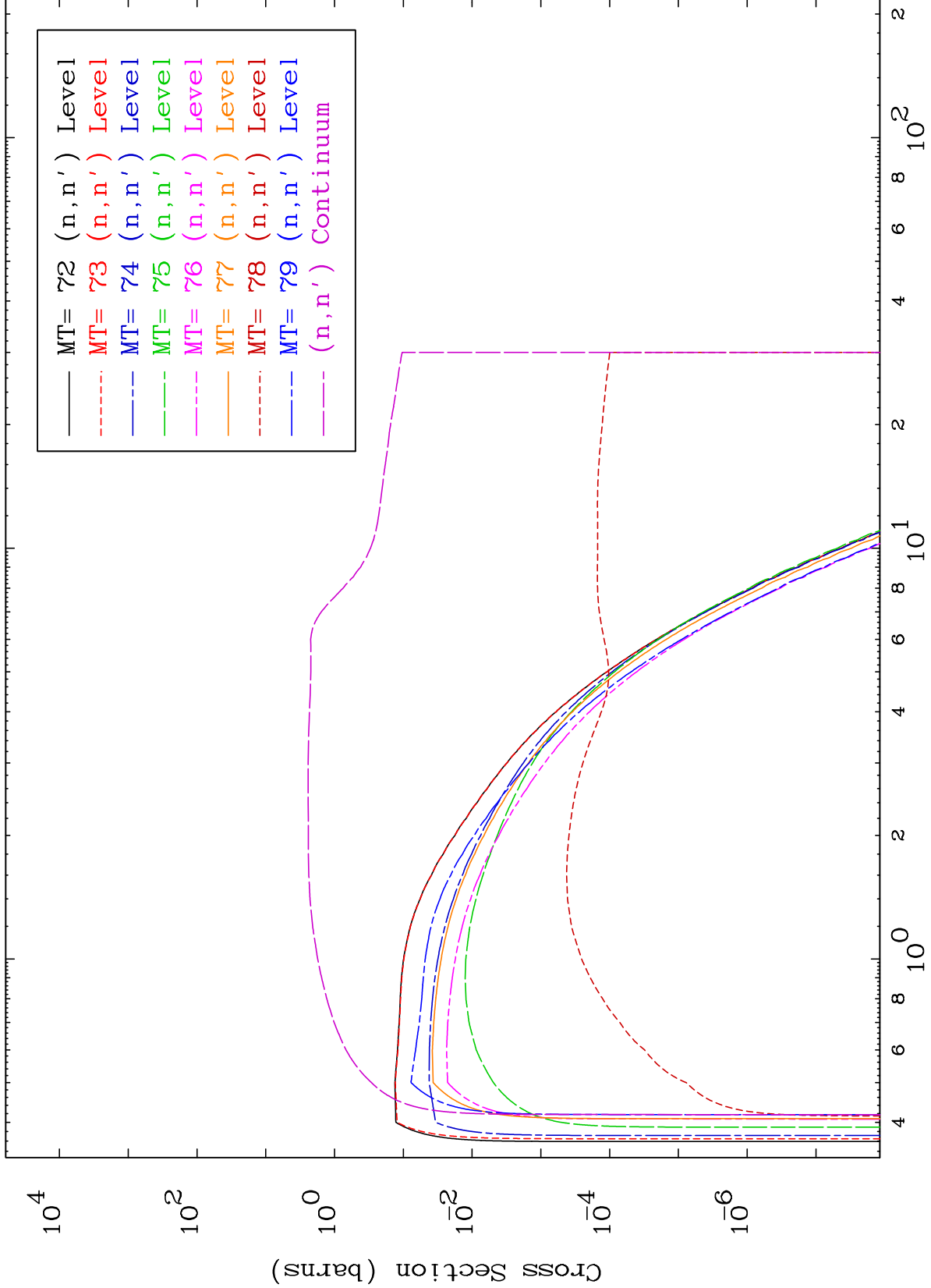


8

Incident Energy (MeV)

62-Sm-153

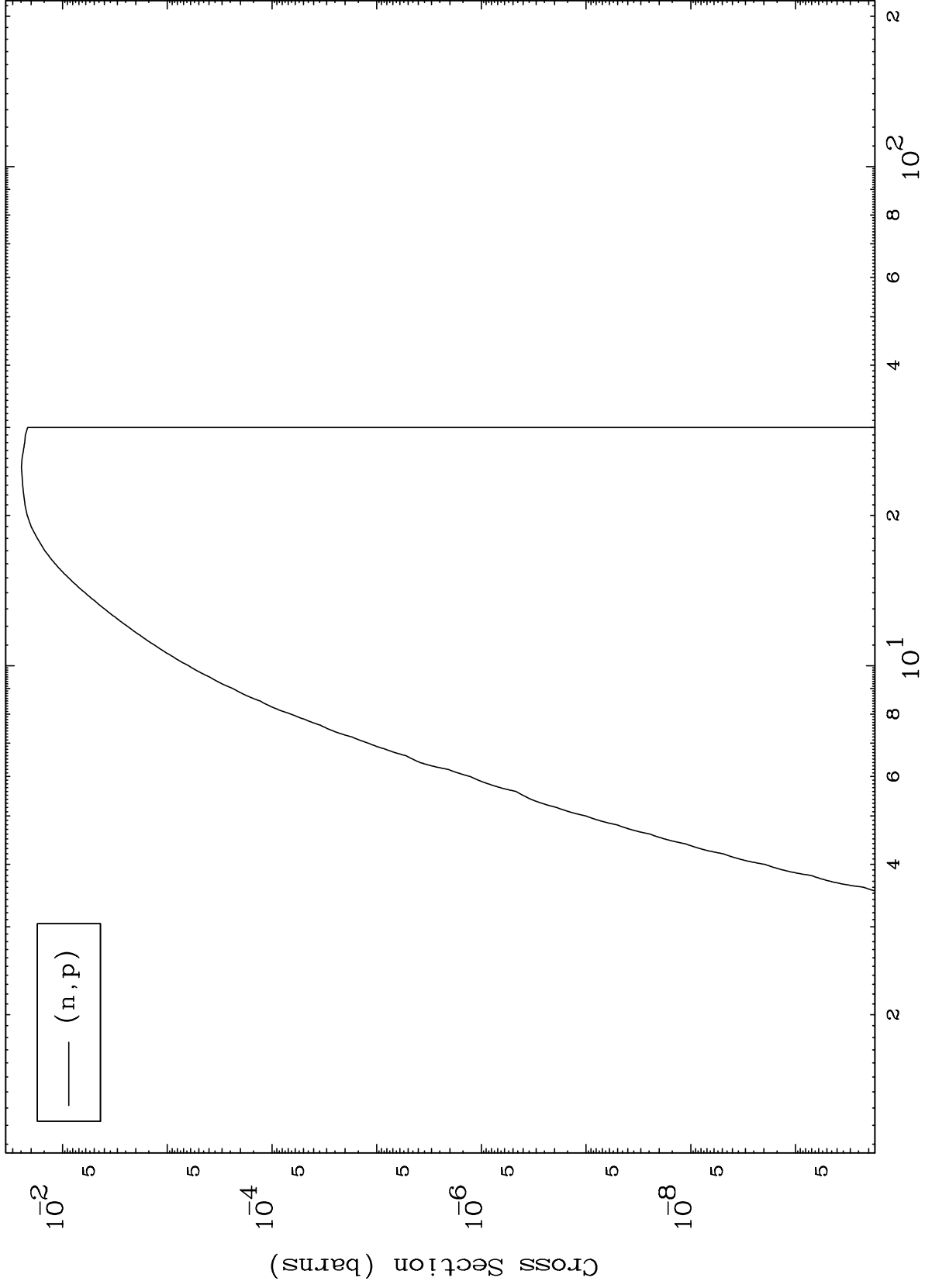
293 Kelvin Cross Sections



MAT 6252

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-153



10

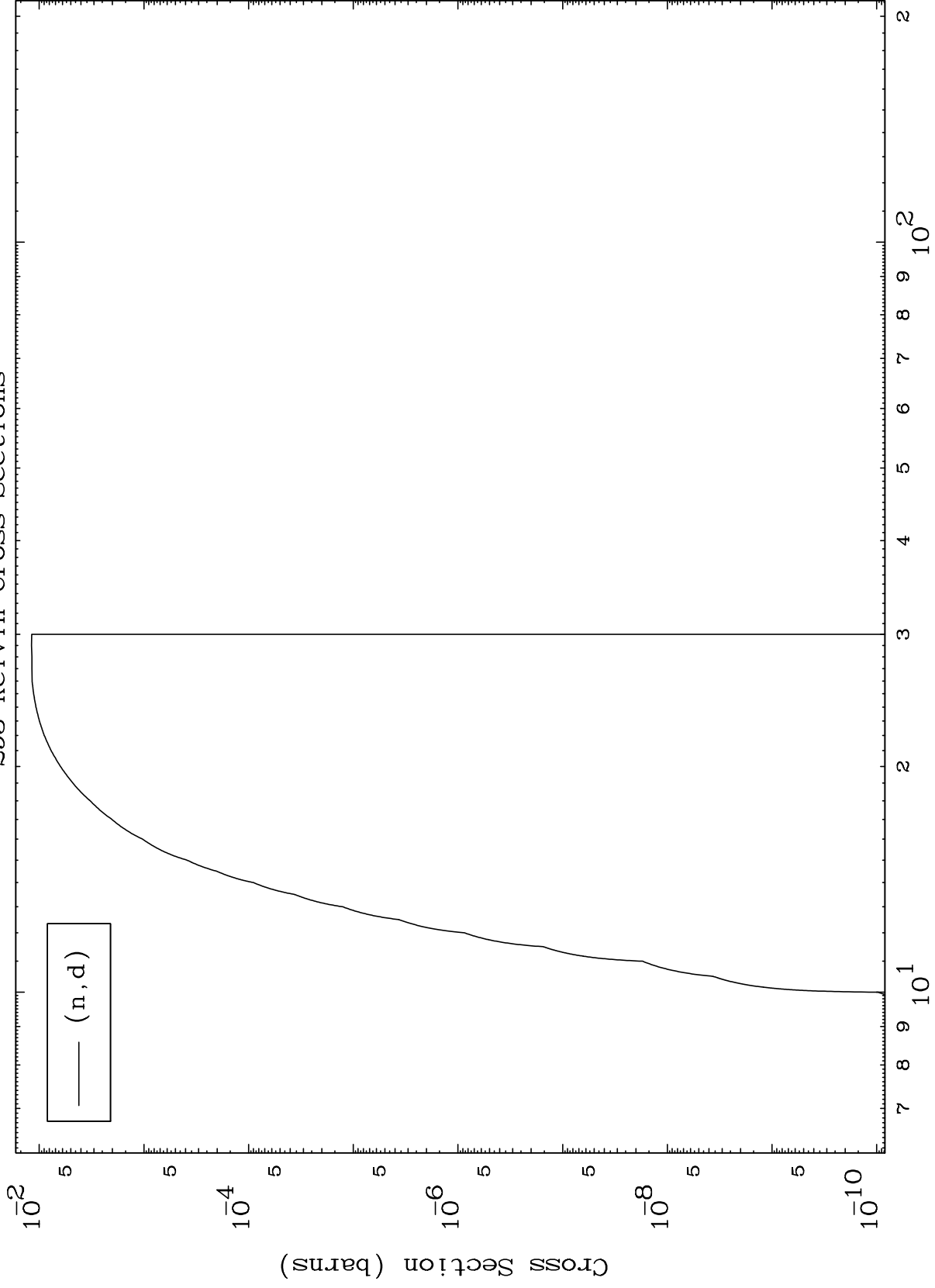
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-153



11

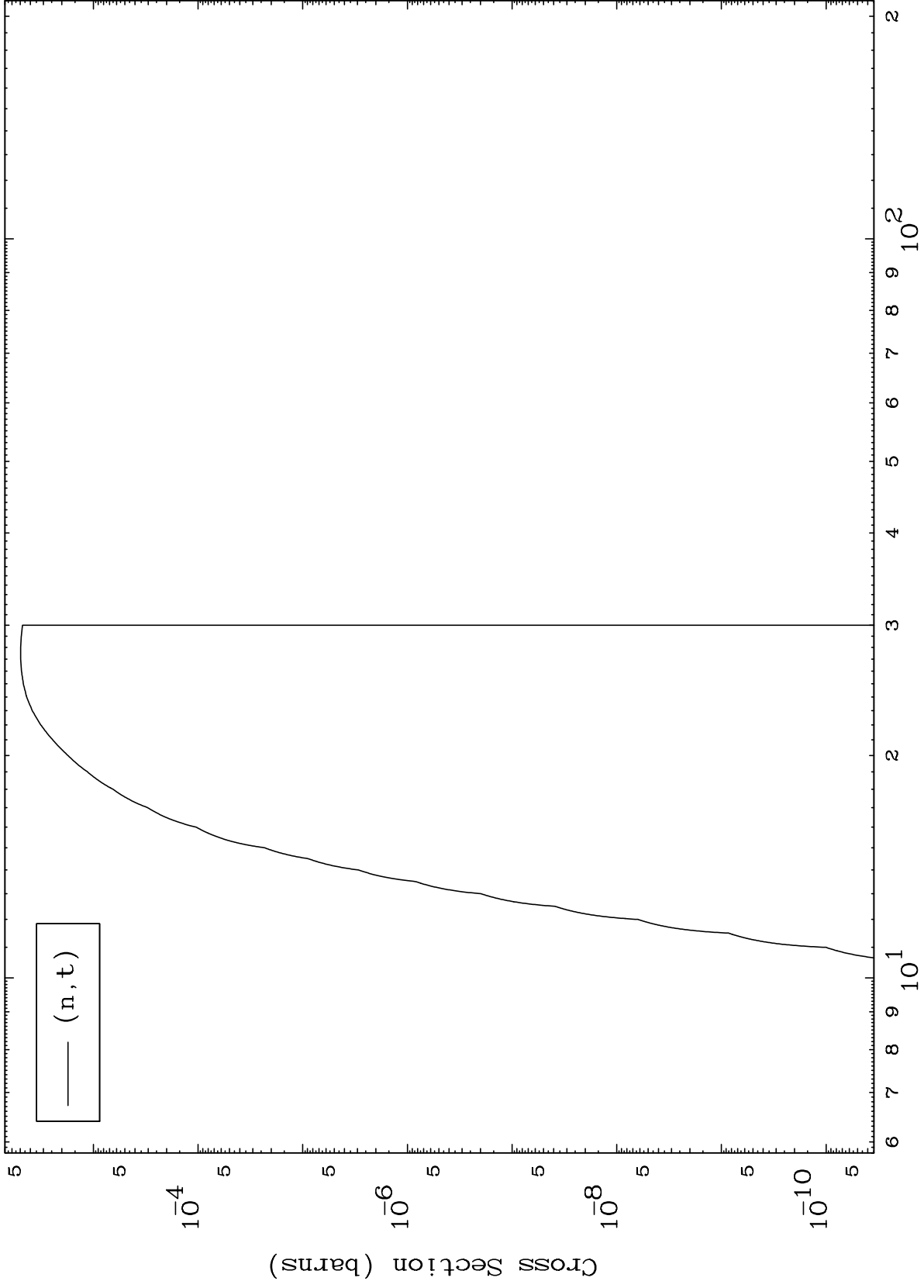
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-153



12

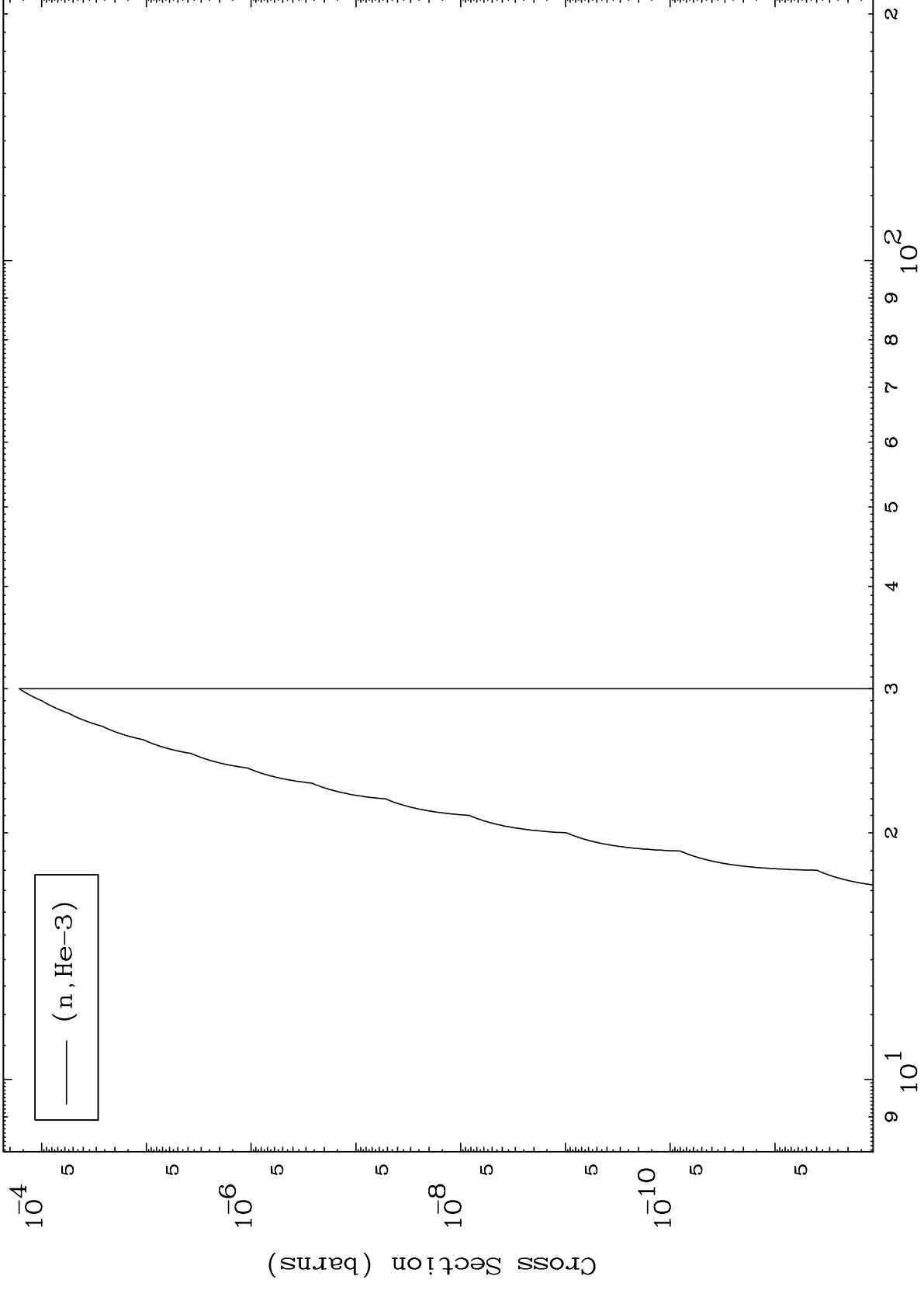
Incident Energy (MeV)

62-Sm-153

MAT 6252

62-Sm-153

(n,He3) Levels  
293 Kelvin Cross Sections



62-Sm-153

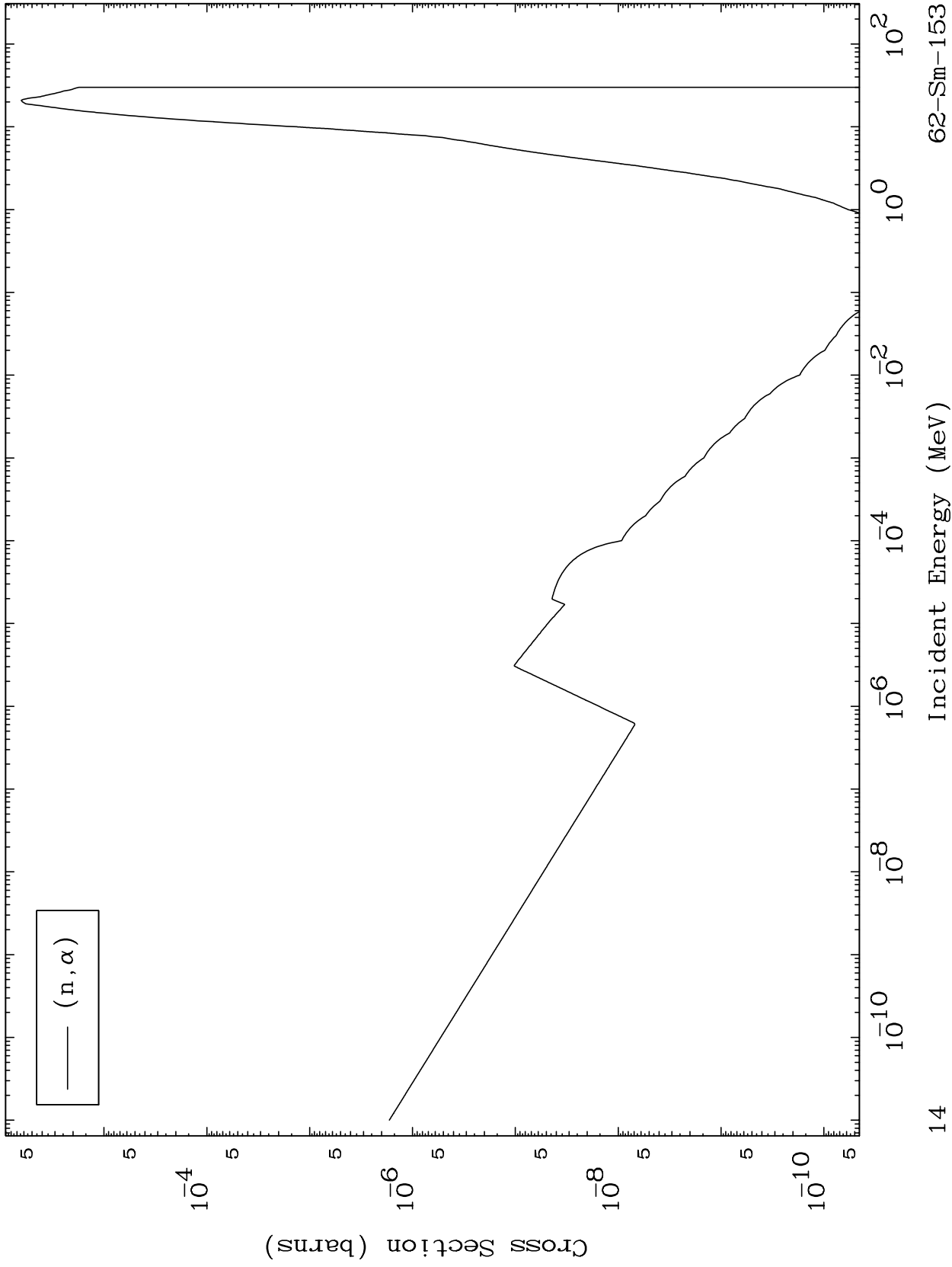
Incident Energy (MeV)

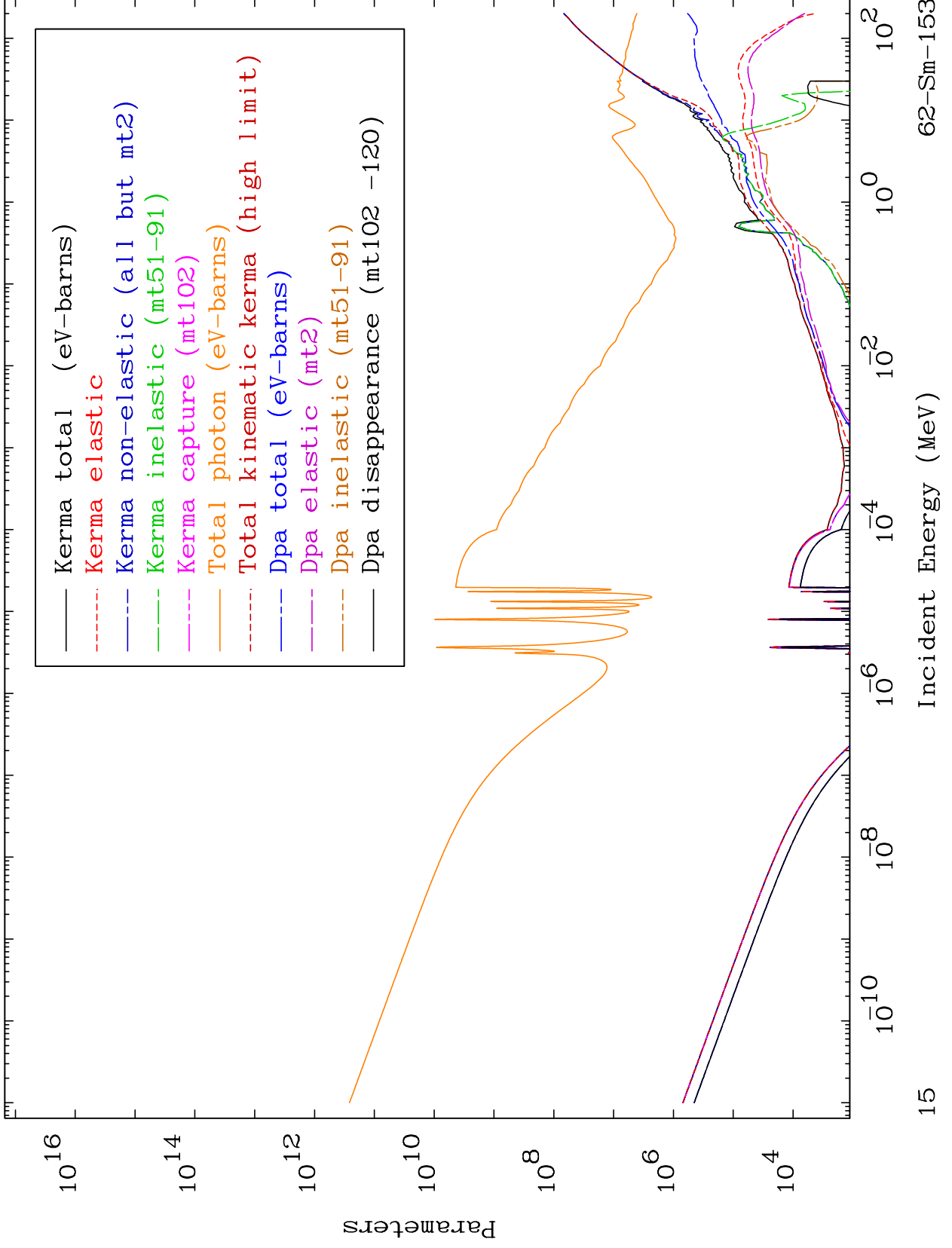
13

MAT 6252

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

62-Sm-153



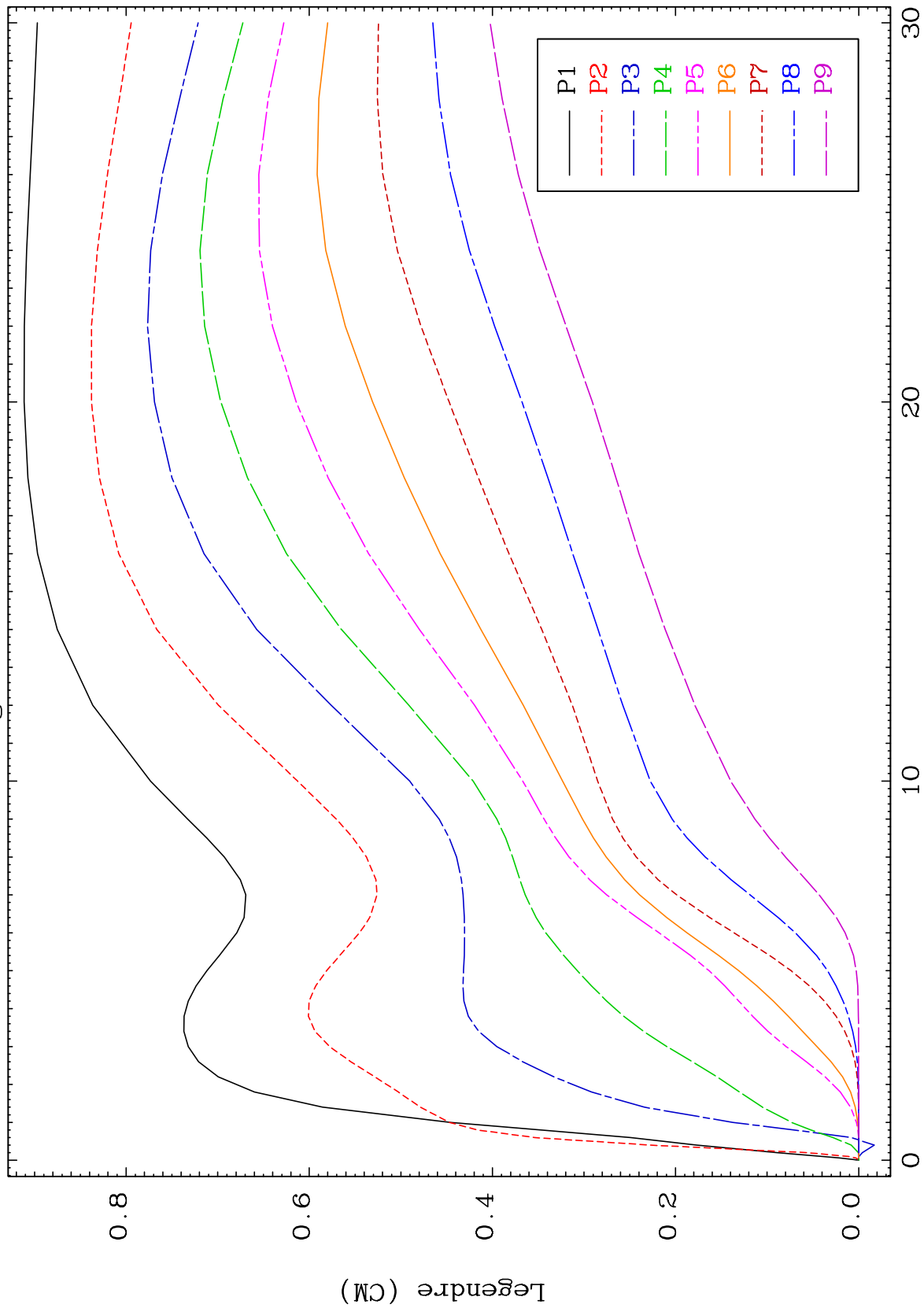




MAT 6252

Elastic Legendre Coefficients

62-Sm-153



16

Incident Energy (MeV)

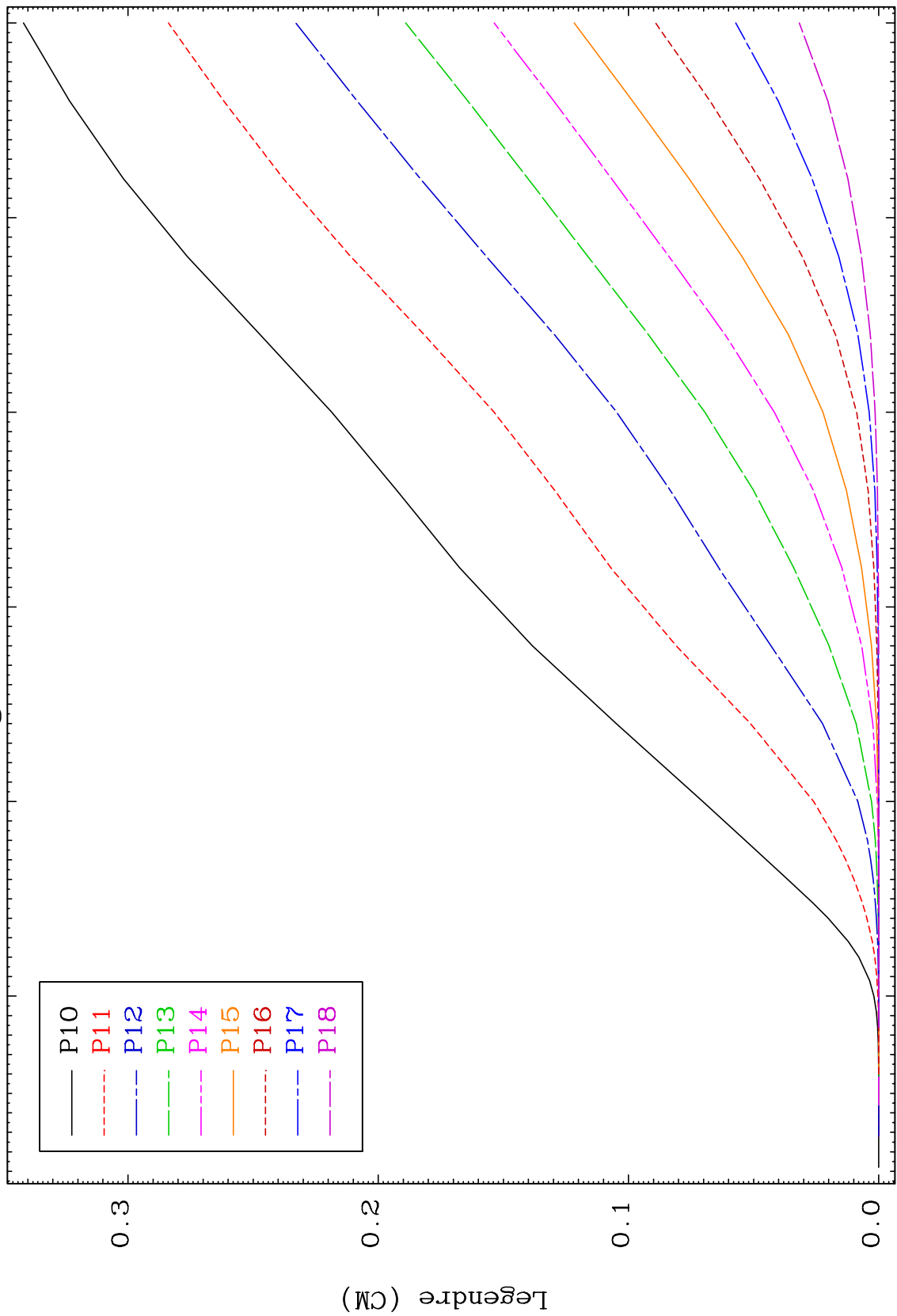
62-Sm-153

30

MAT 6252

Elastic Legendre Coefficients

62-Sm-153



17

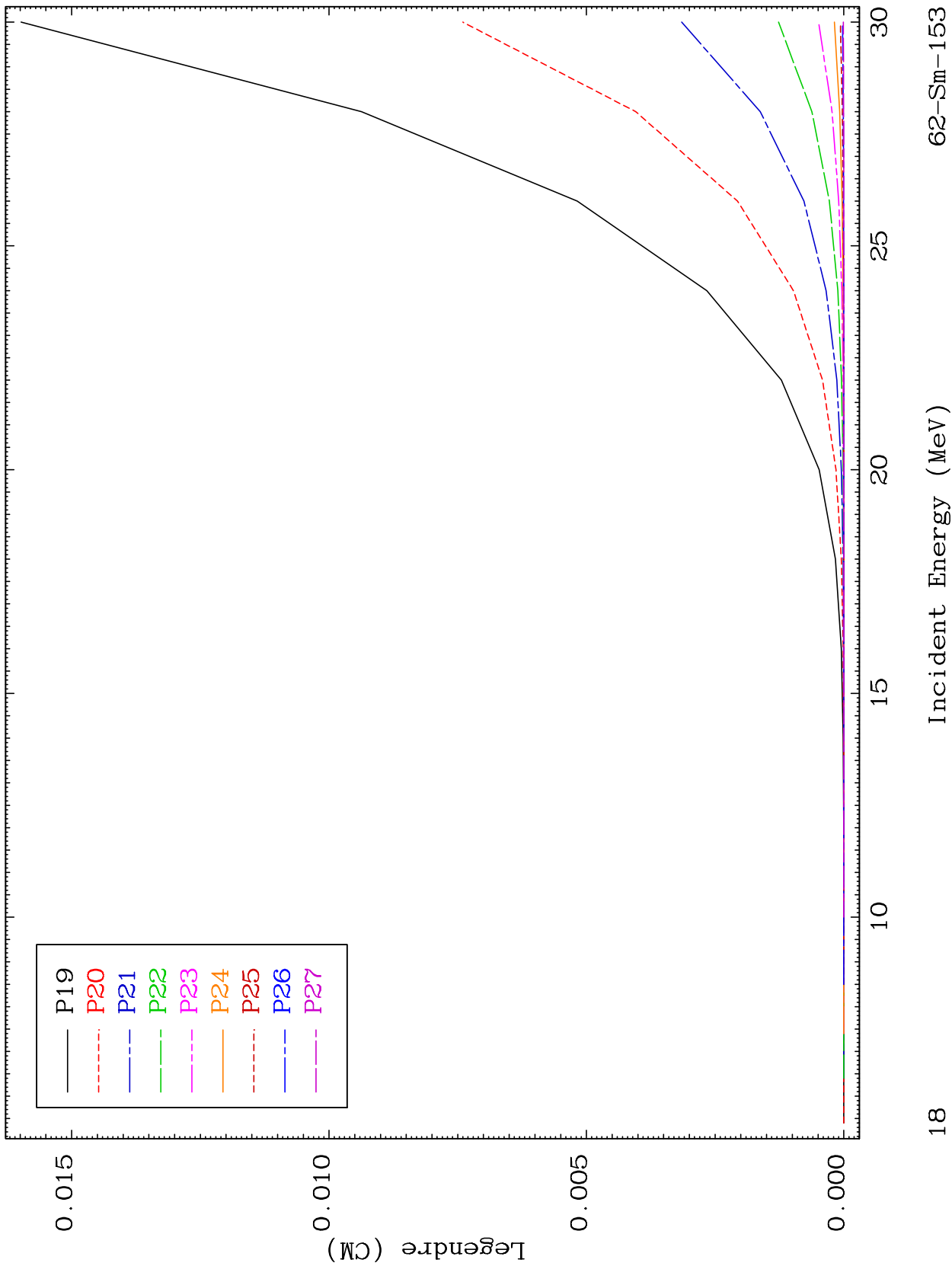
Incident Energy (MeV)

62-Sm-153

MAT 6252

### Elastic Legendre Coefficients

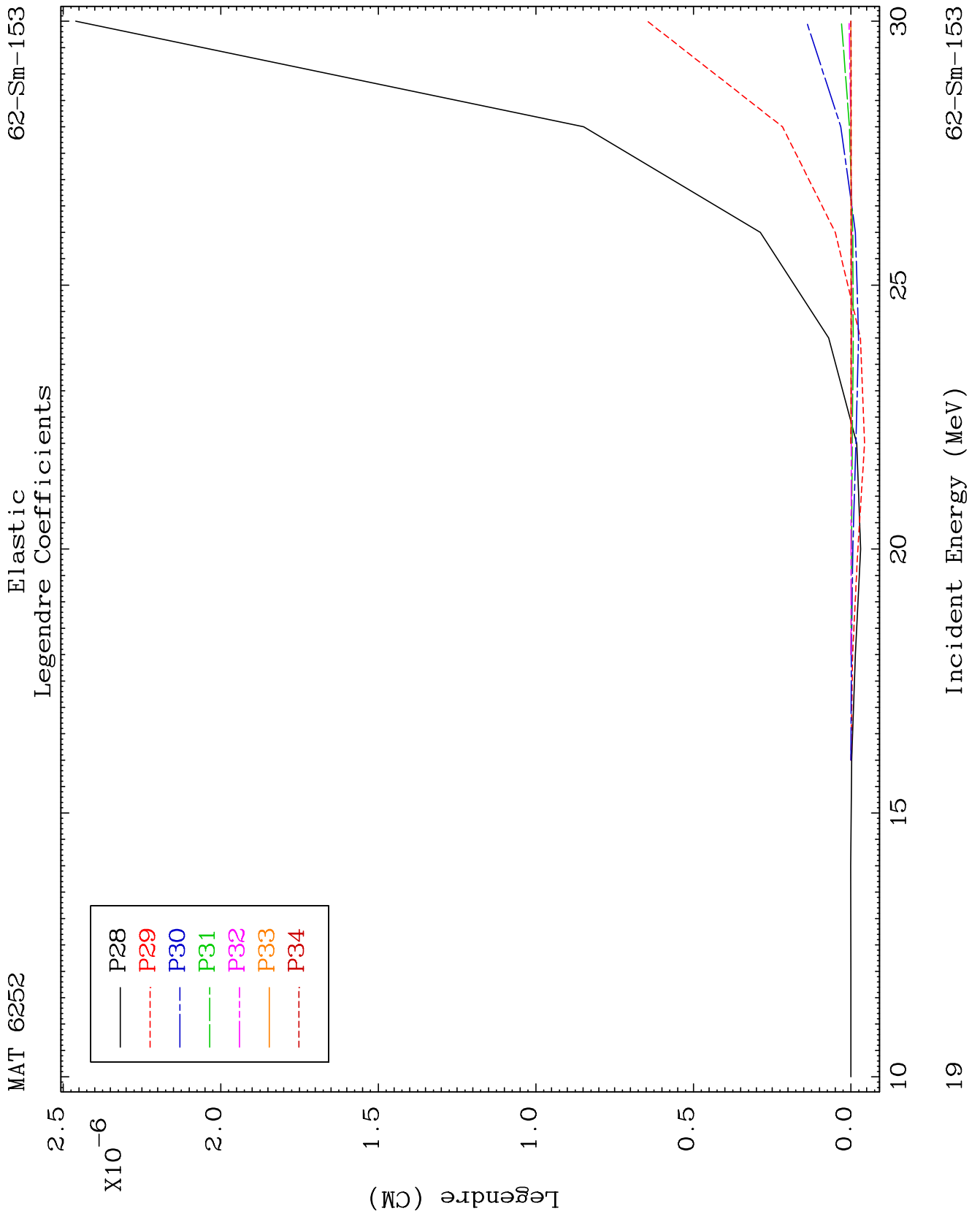
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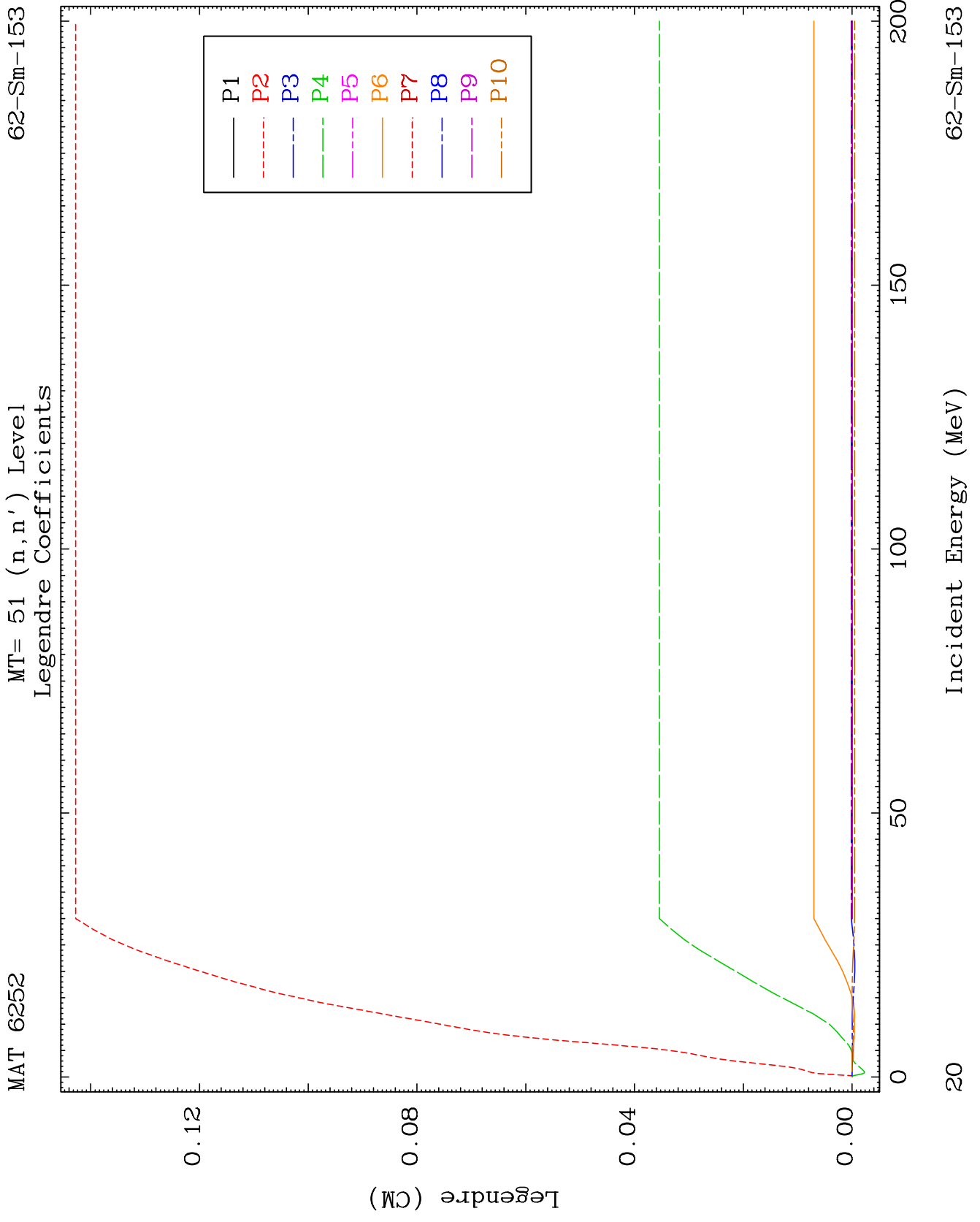


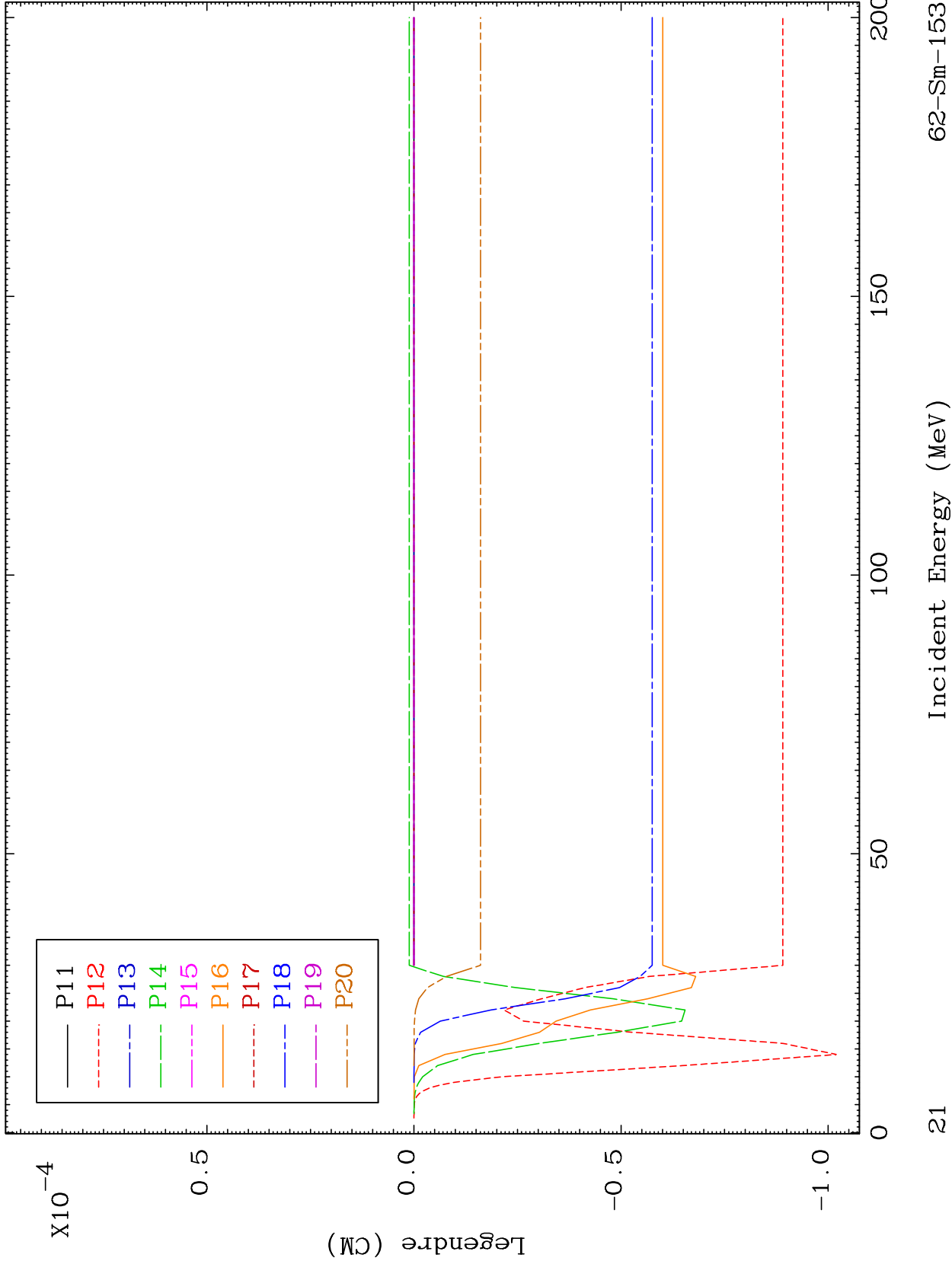
18

Incident Energy (MeV)

62-Sm-153



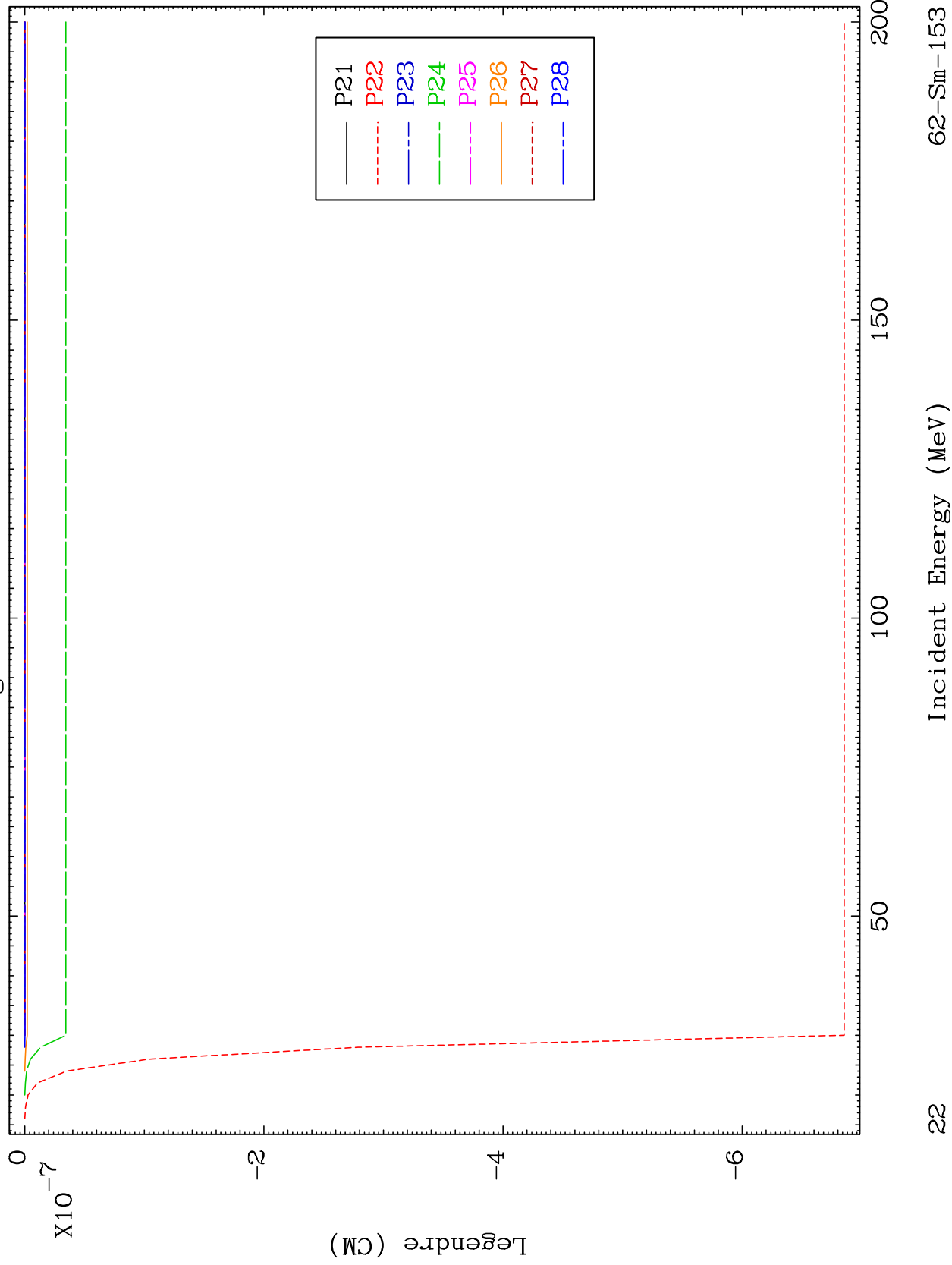




MAT 6252

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

62-Sm-153



22

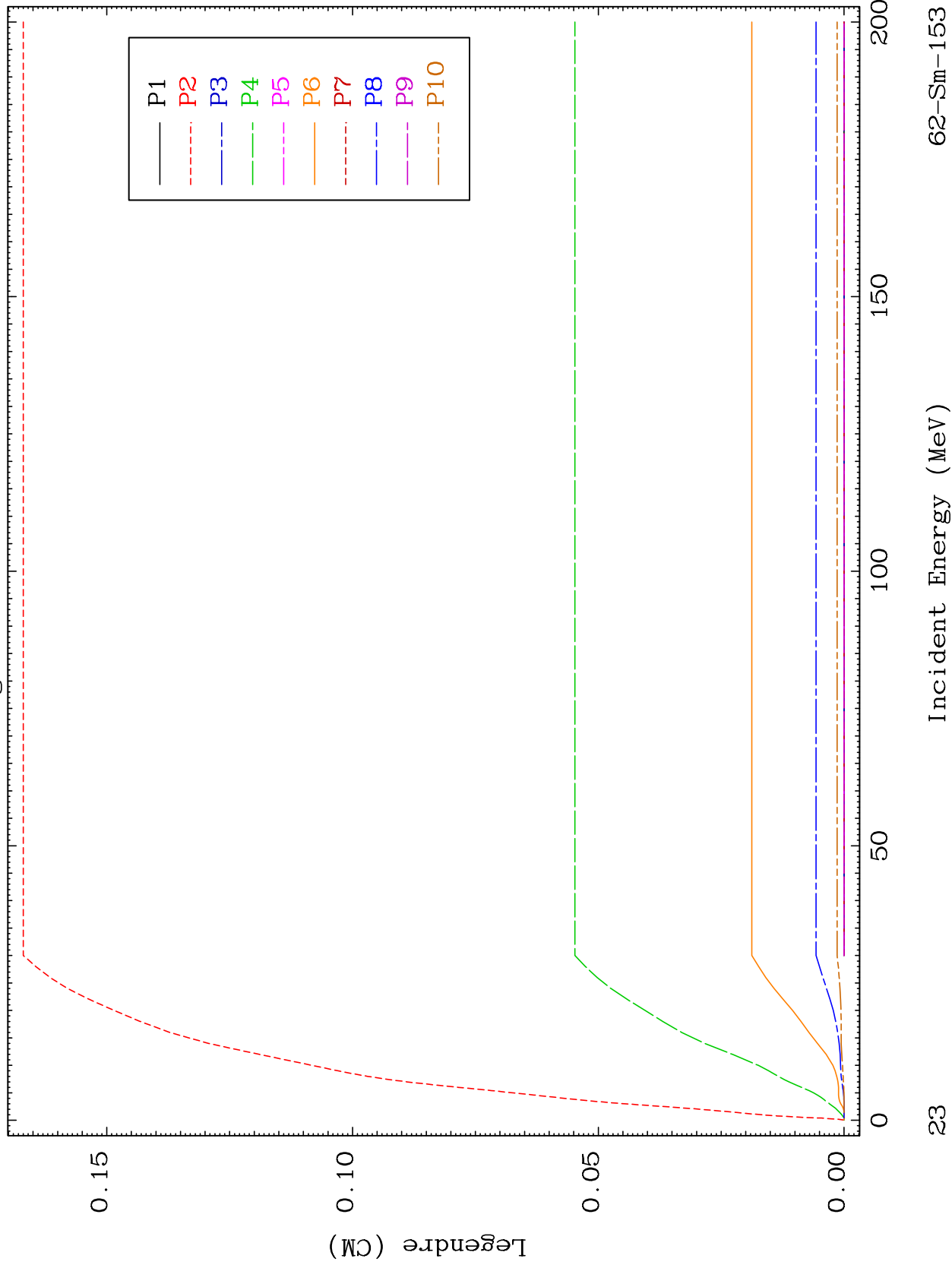
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

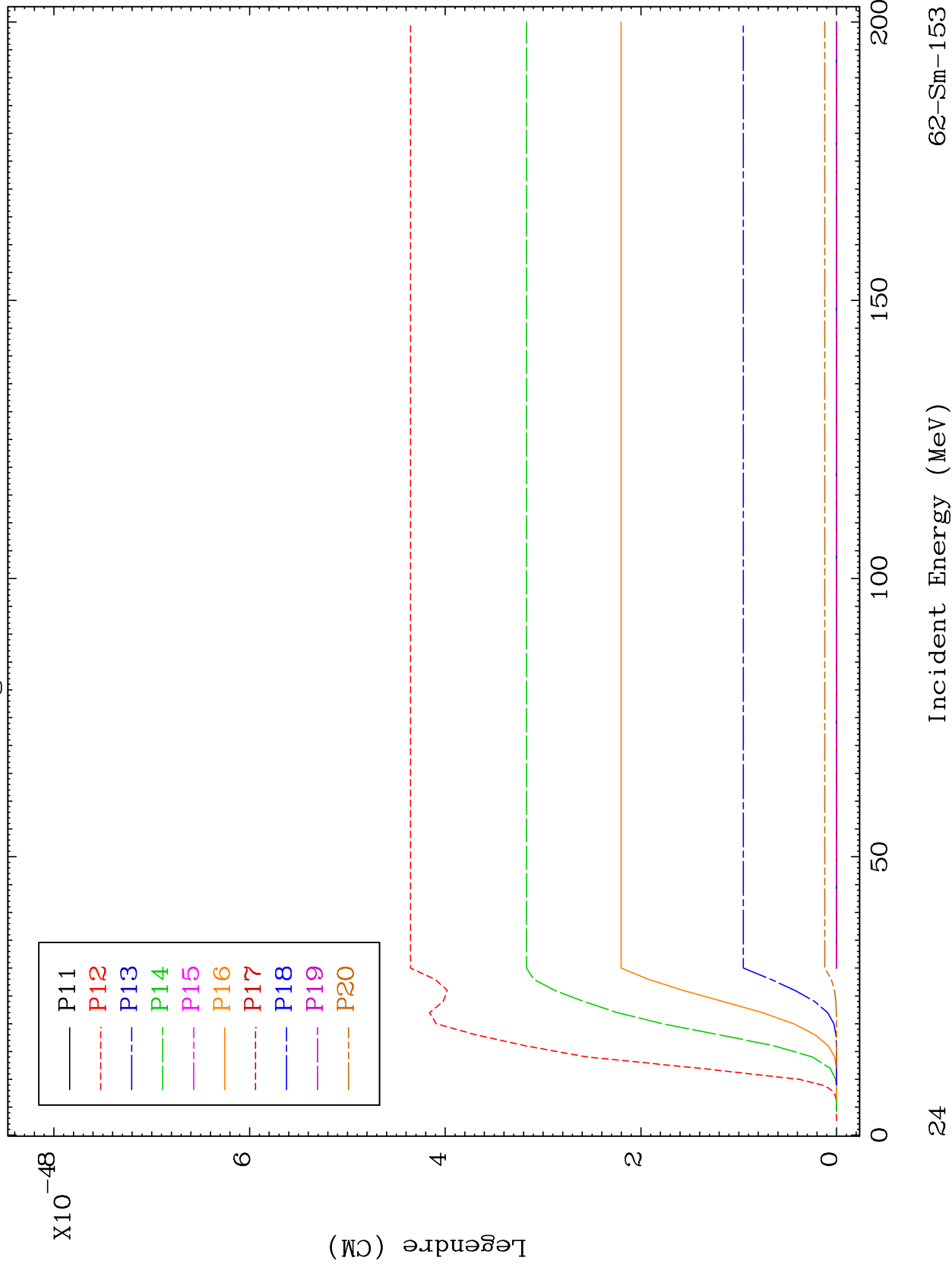
23



MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

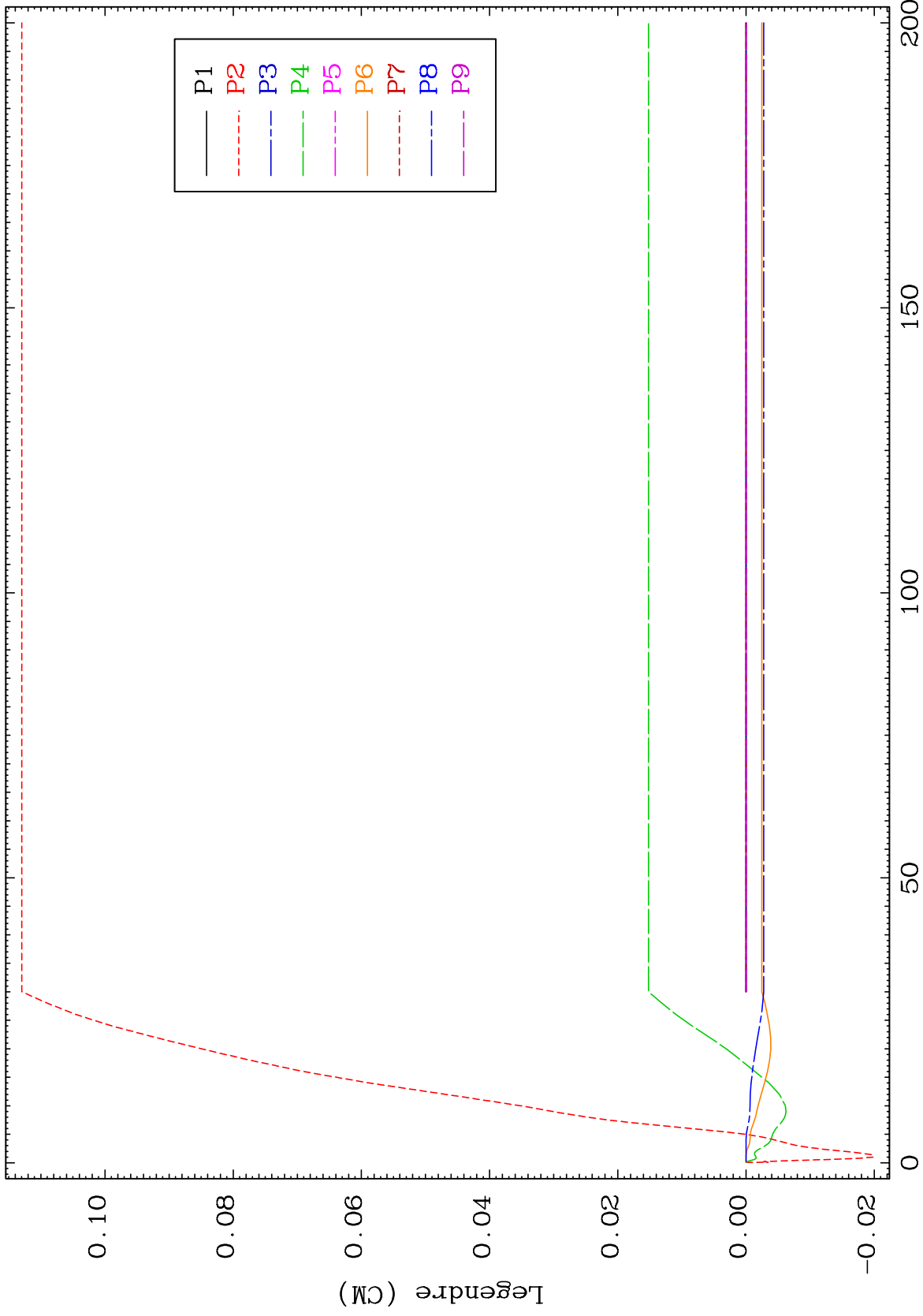
24



MAT 6252

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

62-Sm-153



26

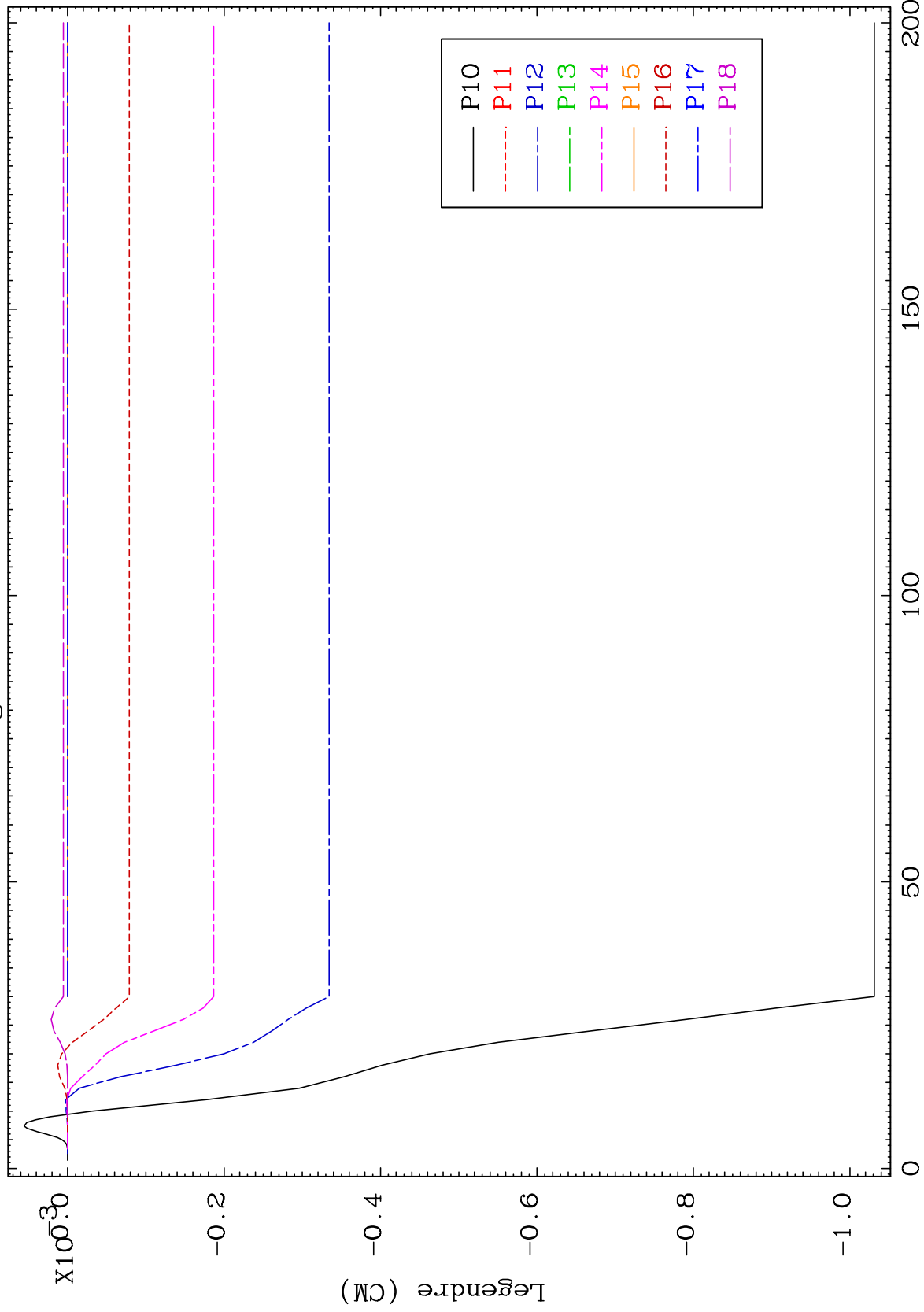
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

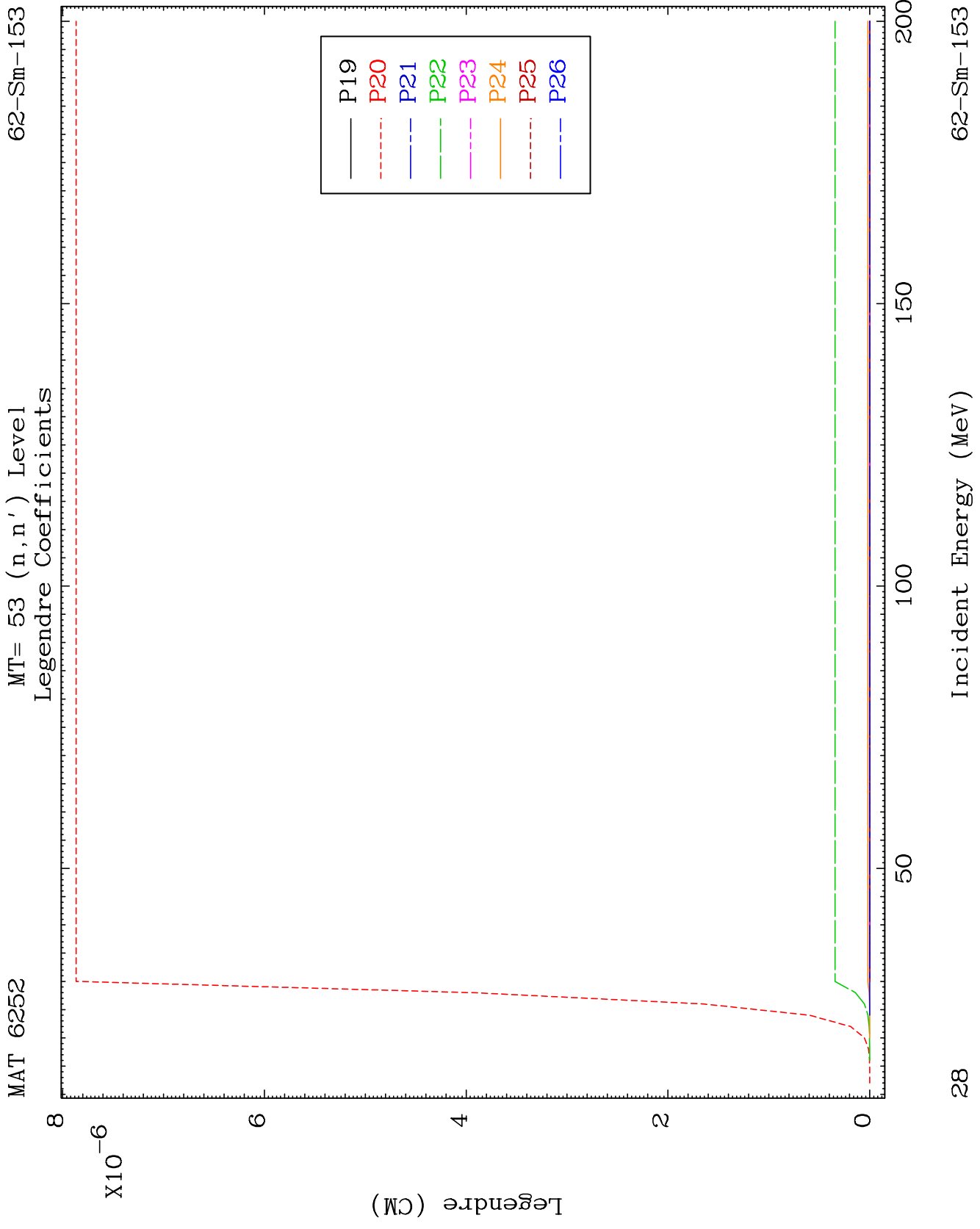
62-Sm-153



27

Incident Energy (MeV)

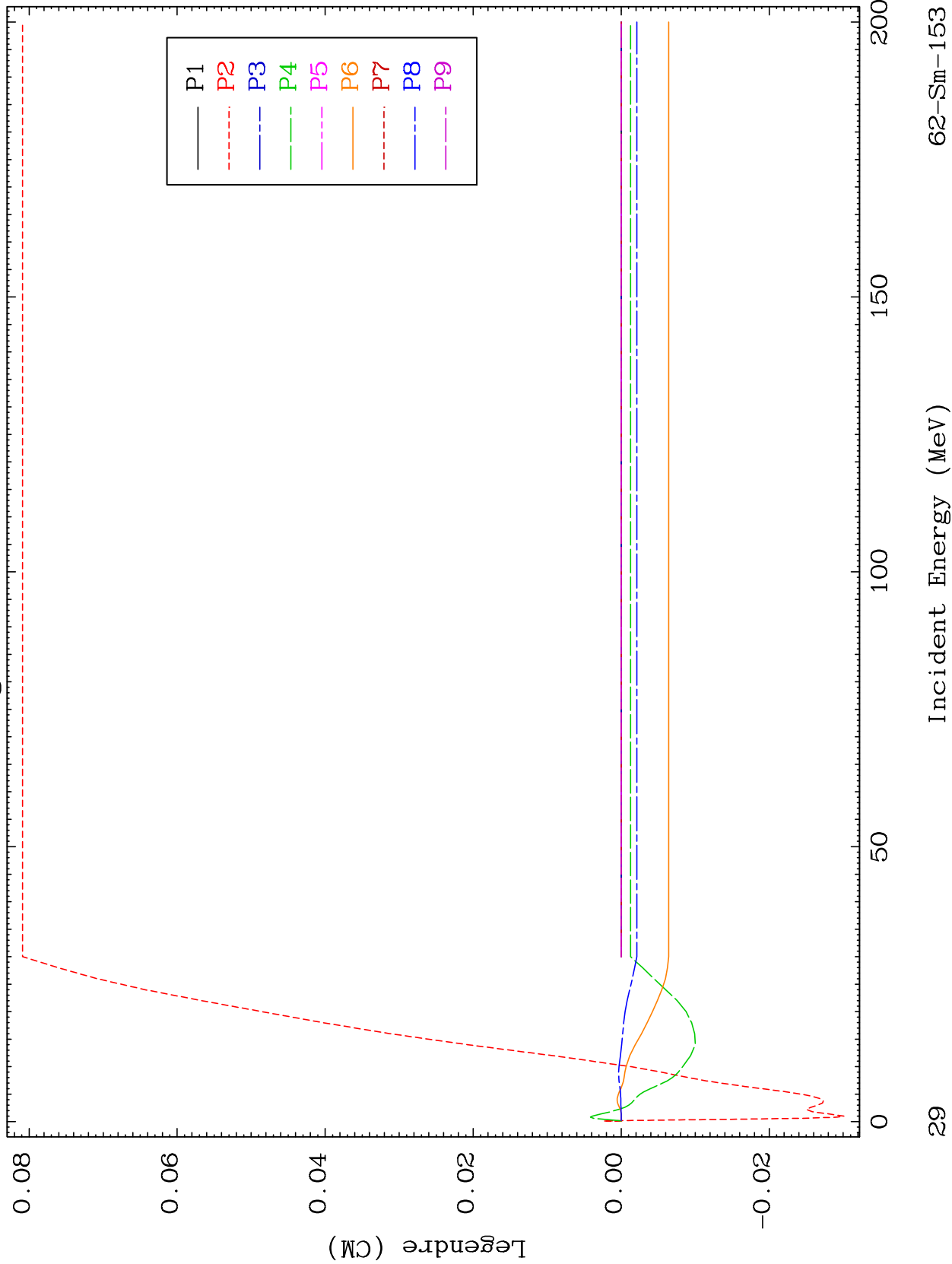
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

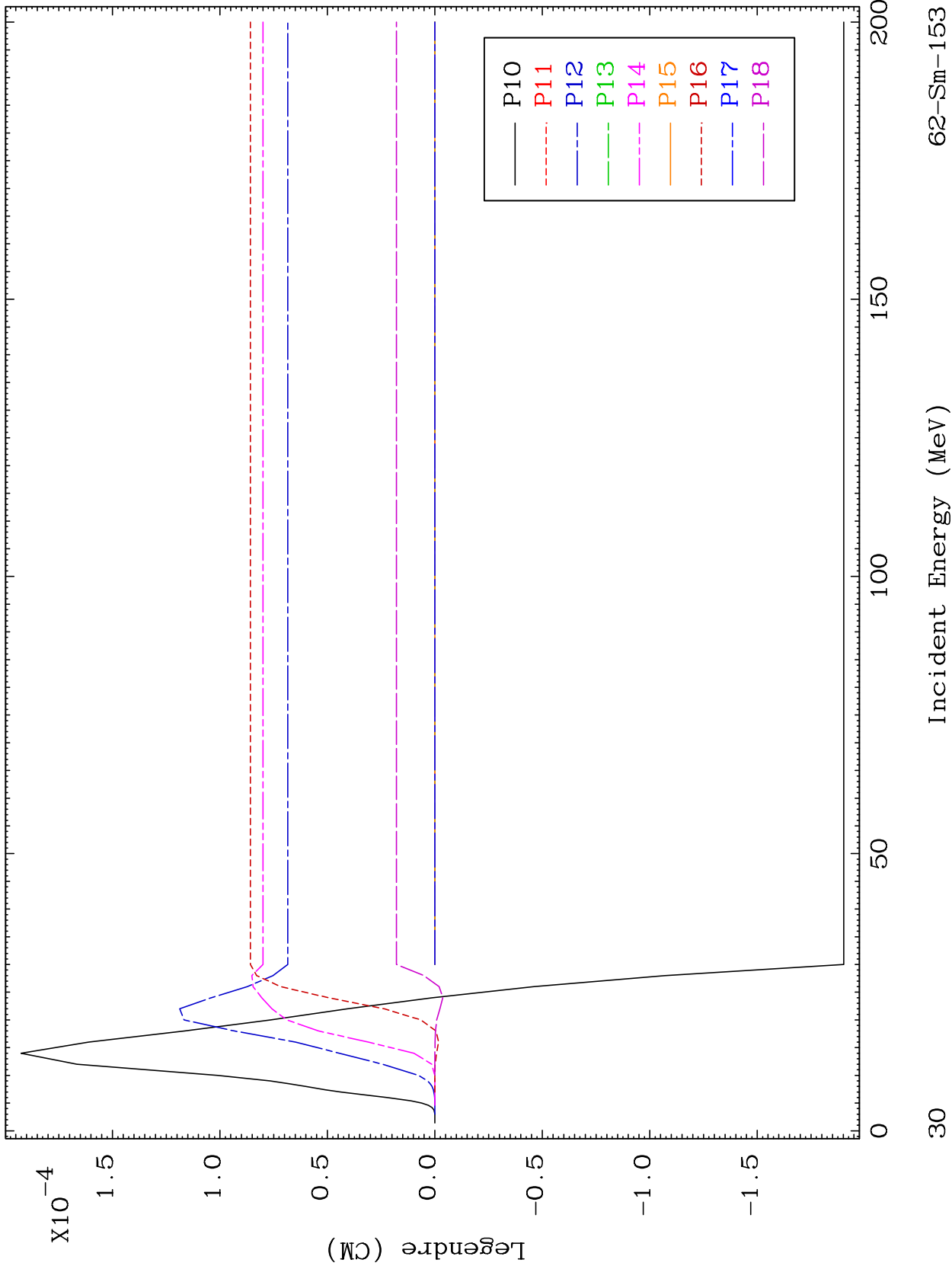
Incident Energy (MeV)

29

MAT 6252

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

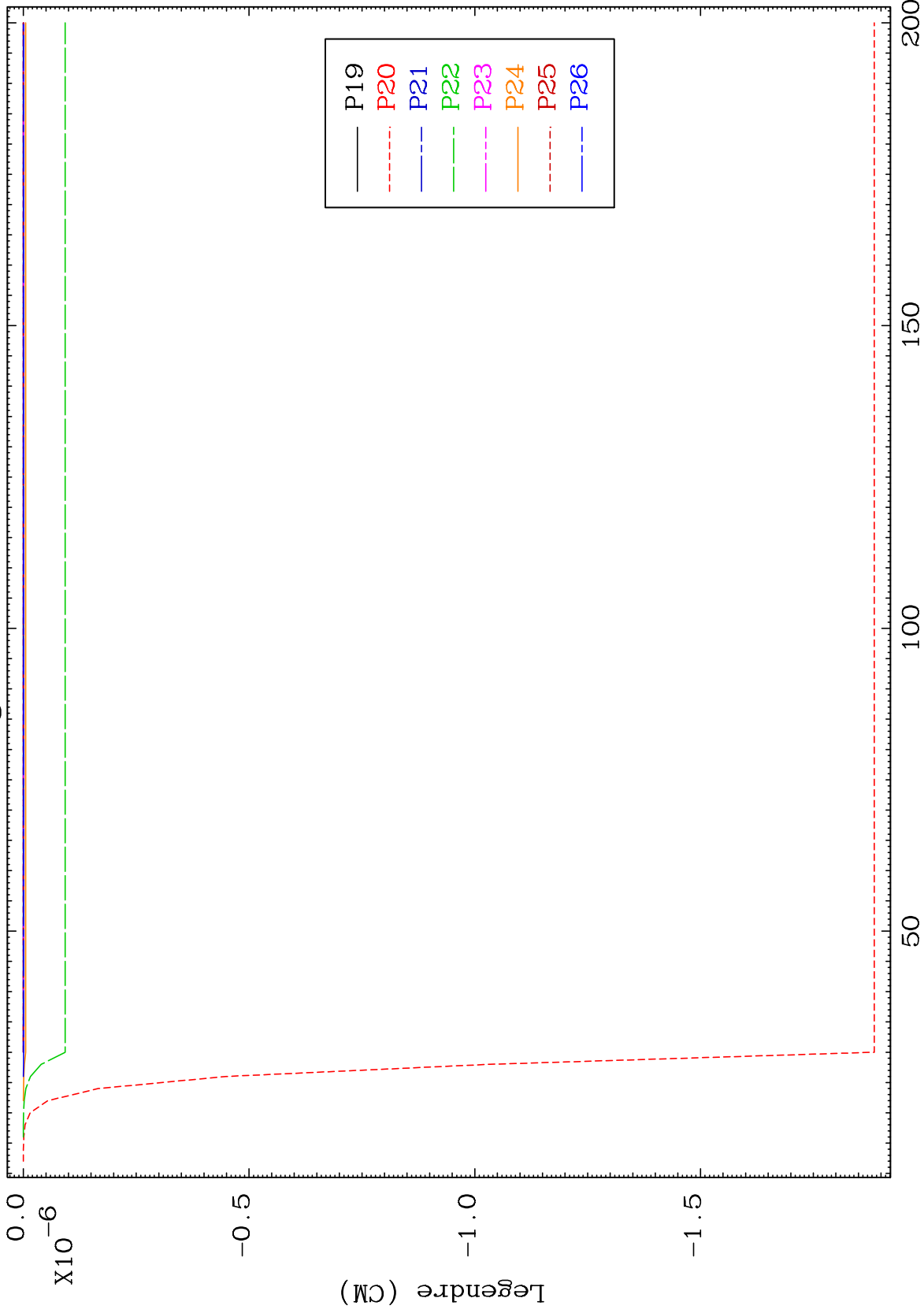
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30

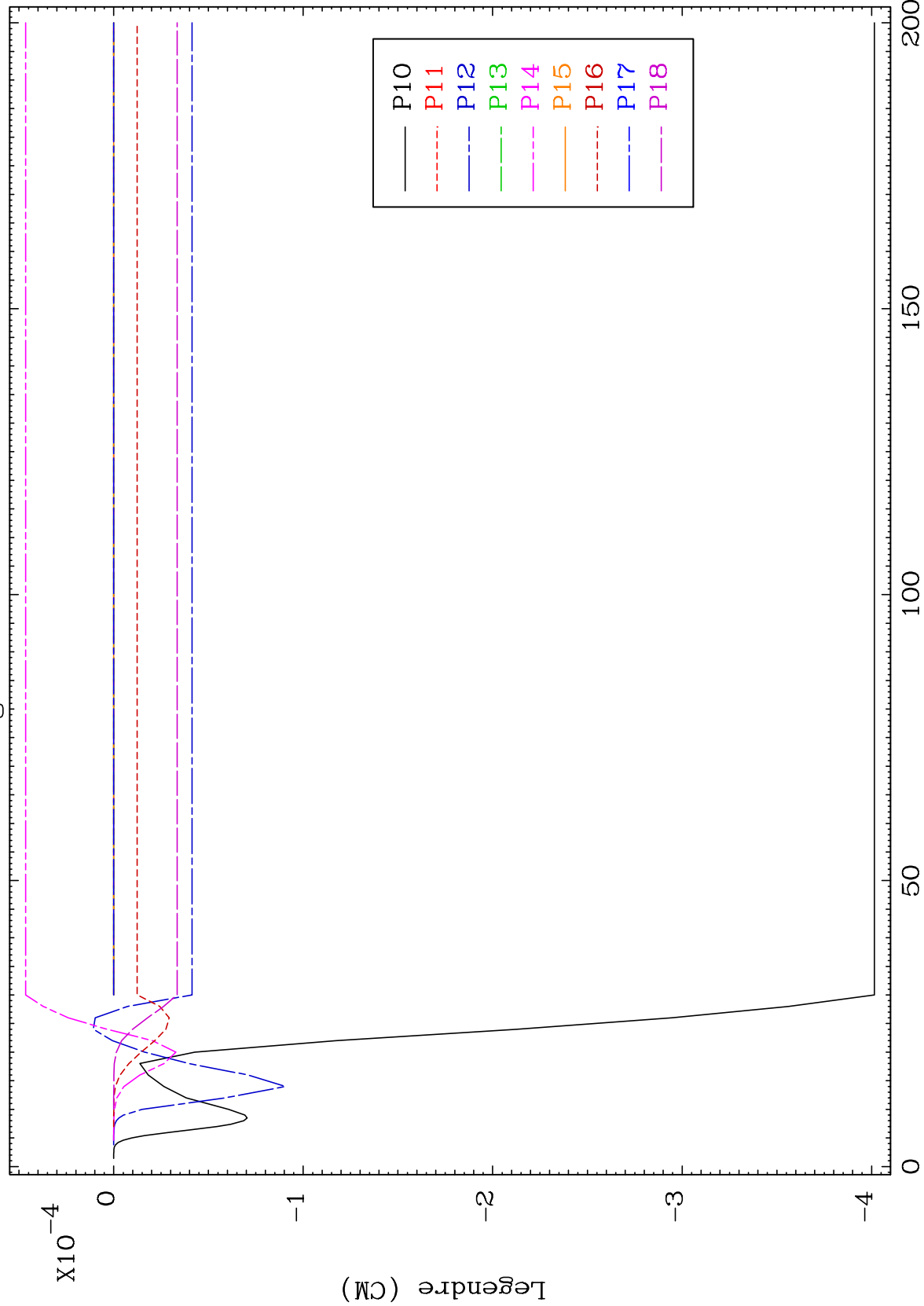
Incident Energy (MeV)

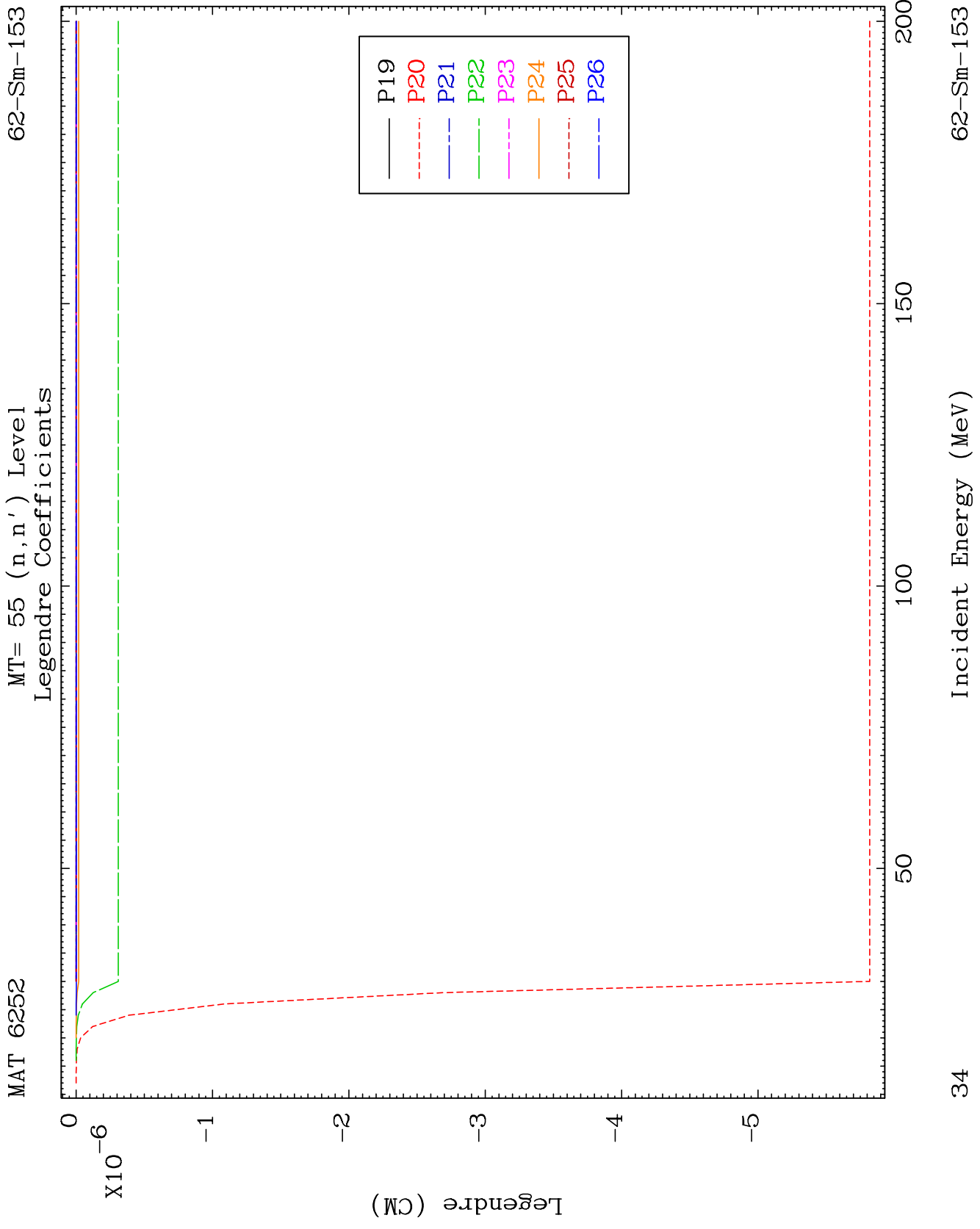
62-Sm-153



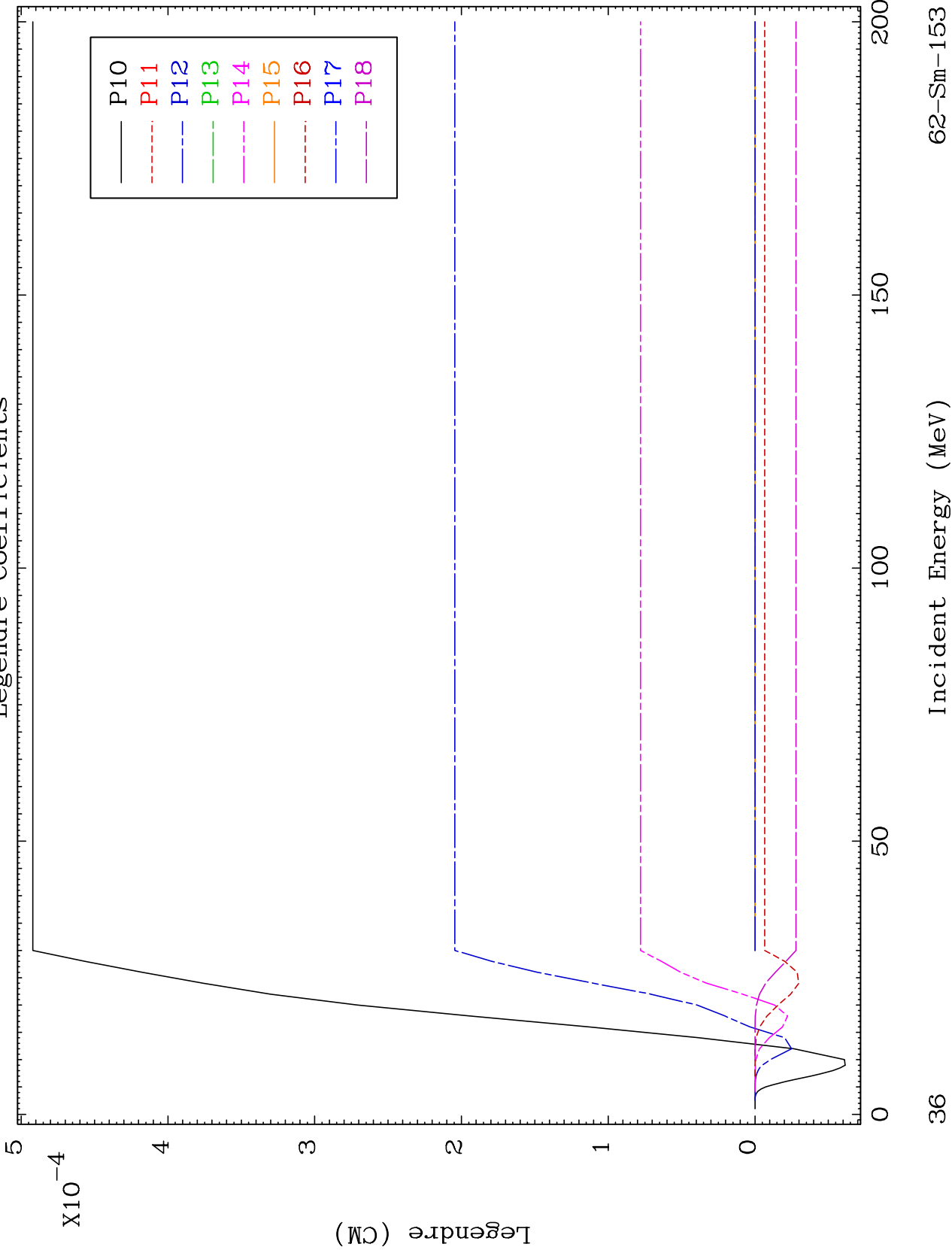


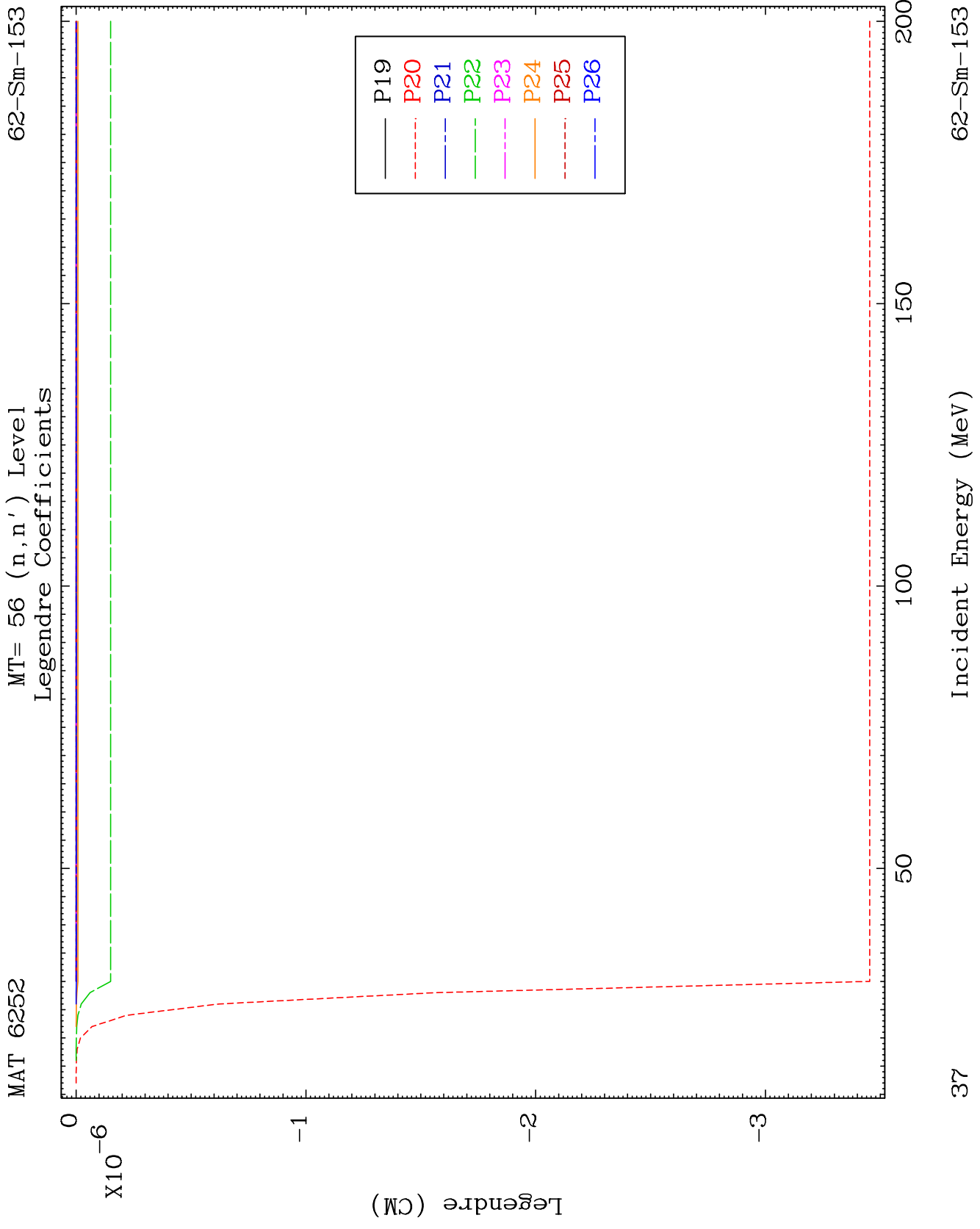








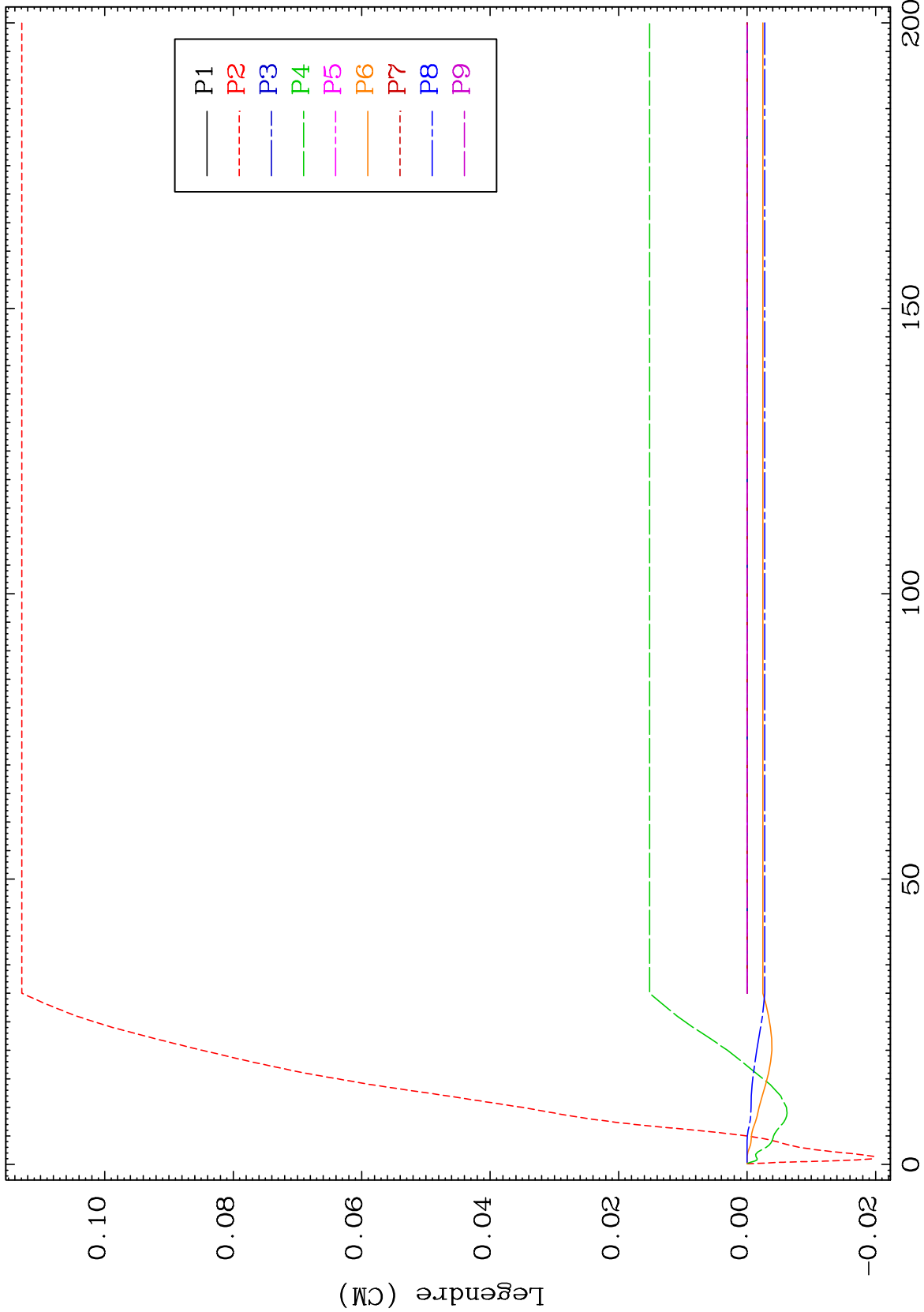




MAT 6252

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

62-Sm-153



62-Sm-153

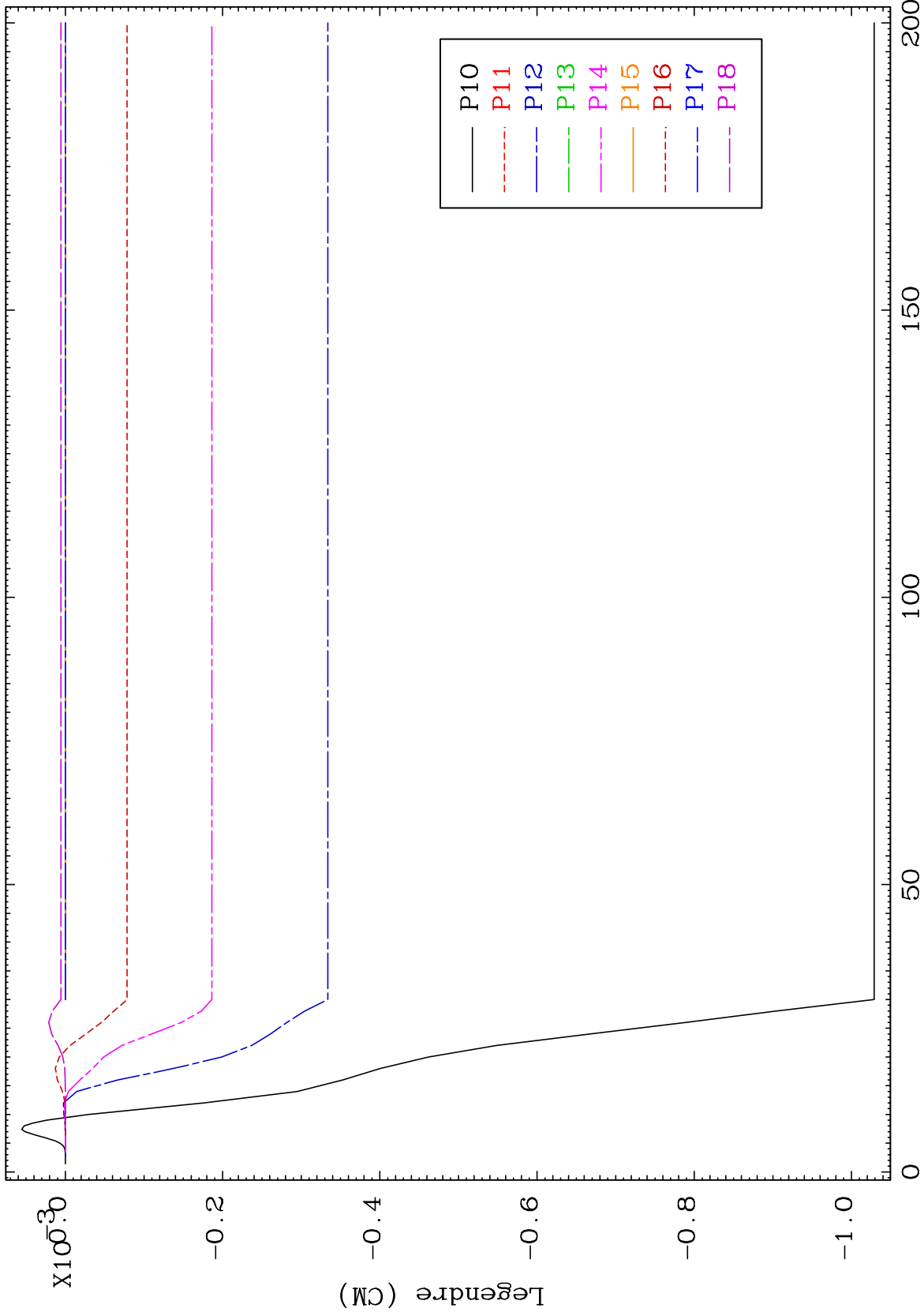
Incident Energy (MeV)

38

MAT 6252

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

62-Sm-153



39

62-Sm-153

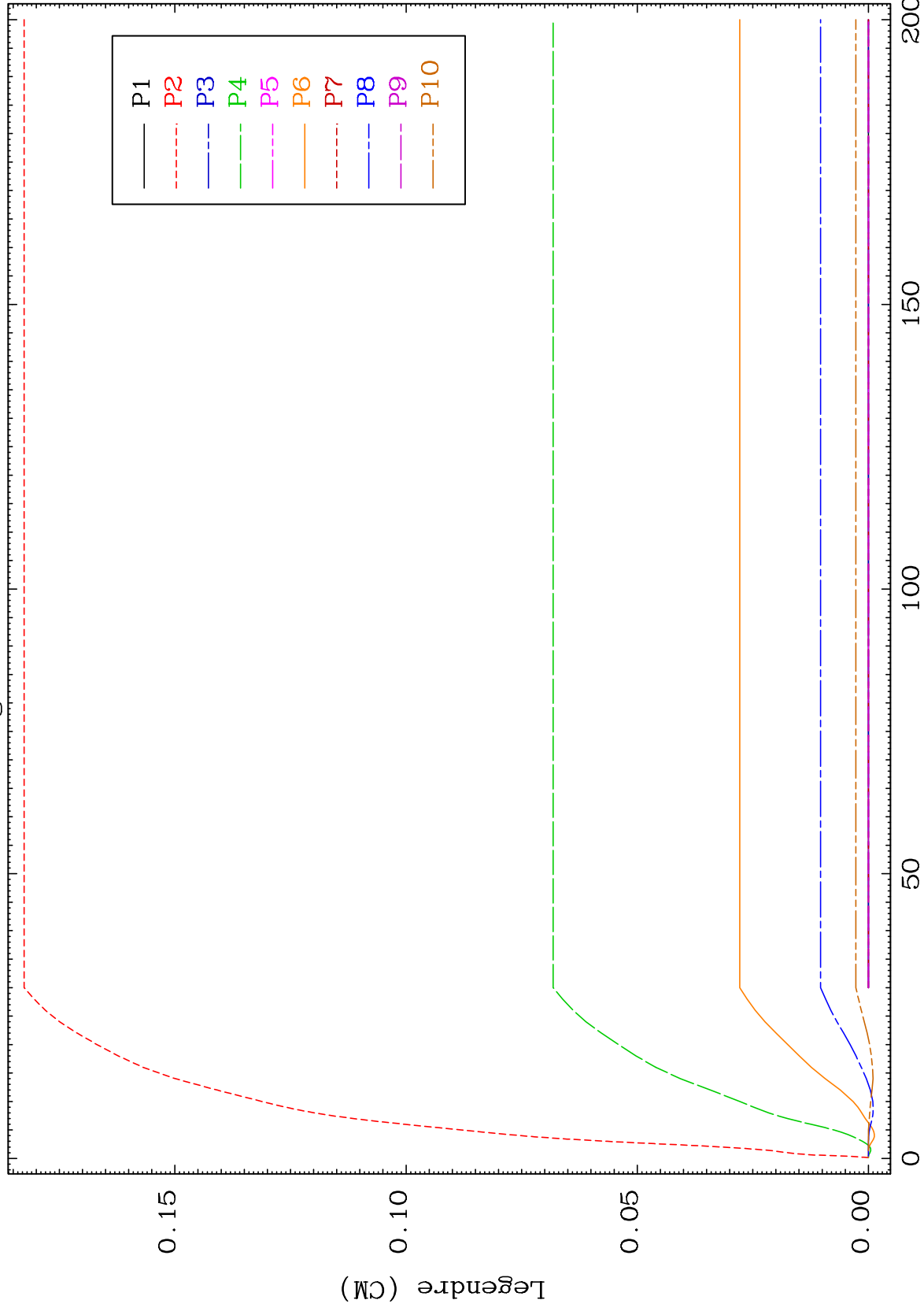




MAT 6252

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

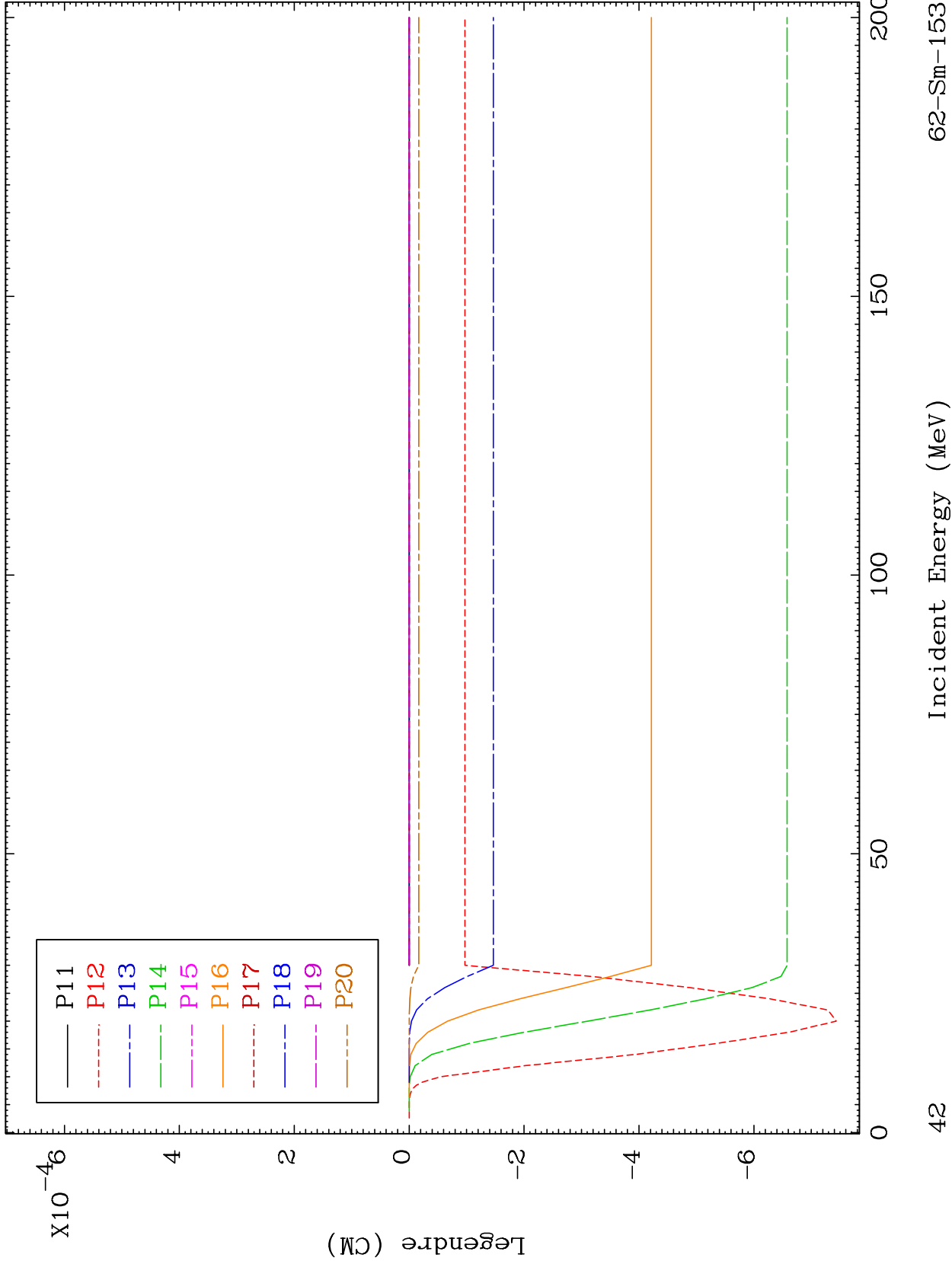
62-Sm-153



62-Sm-153

Incident Energy (MeV)

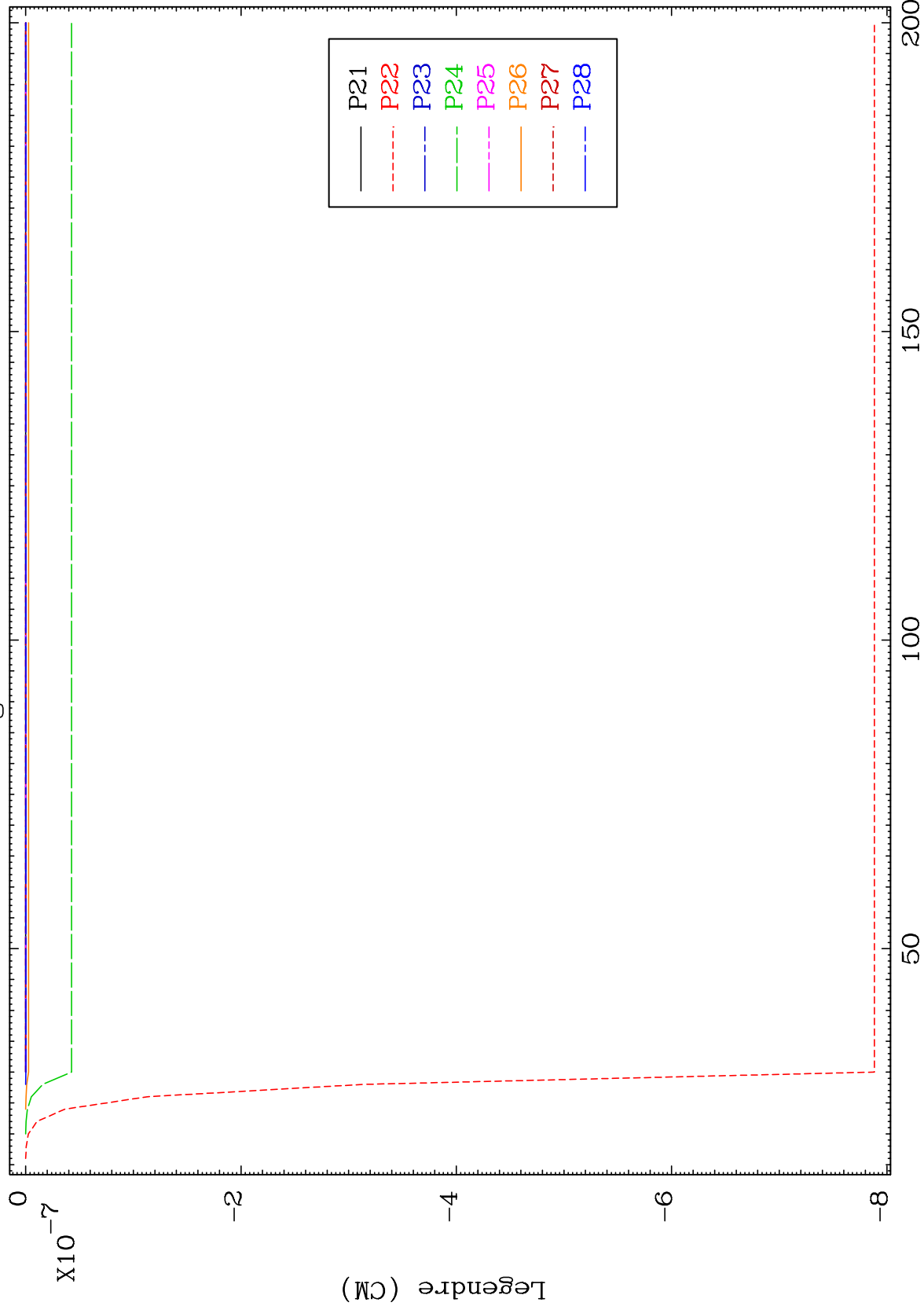
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MAT 6252

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

62-Sm-153



62-Sm-153

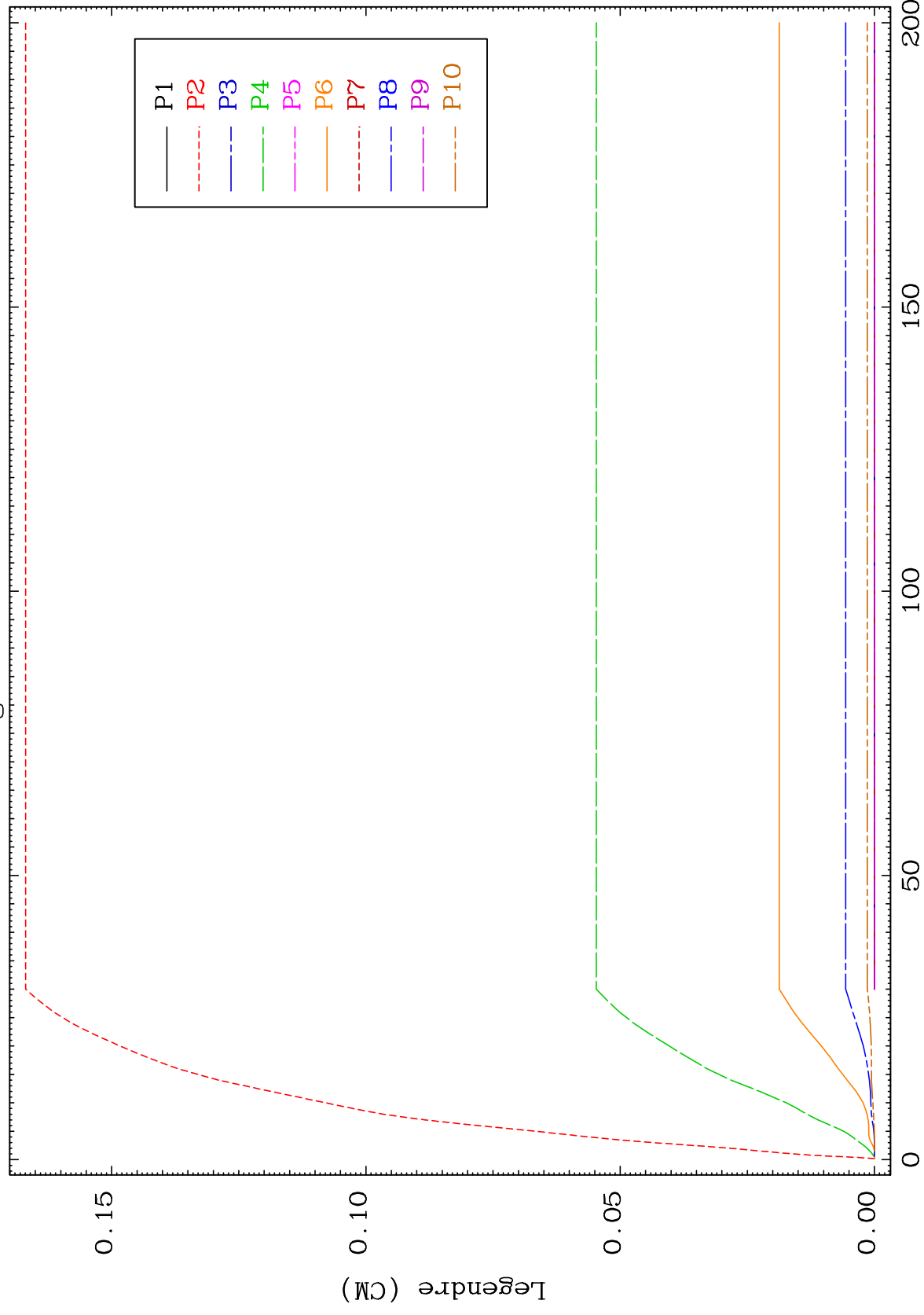
Incident Energy (MeV)

43

MAT 6252

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

62-Sm-153



44

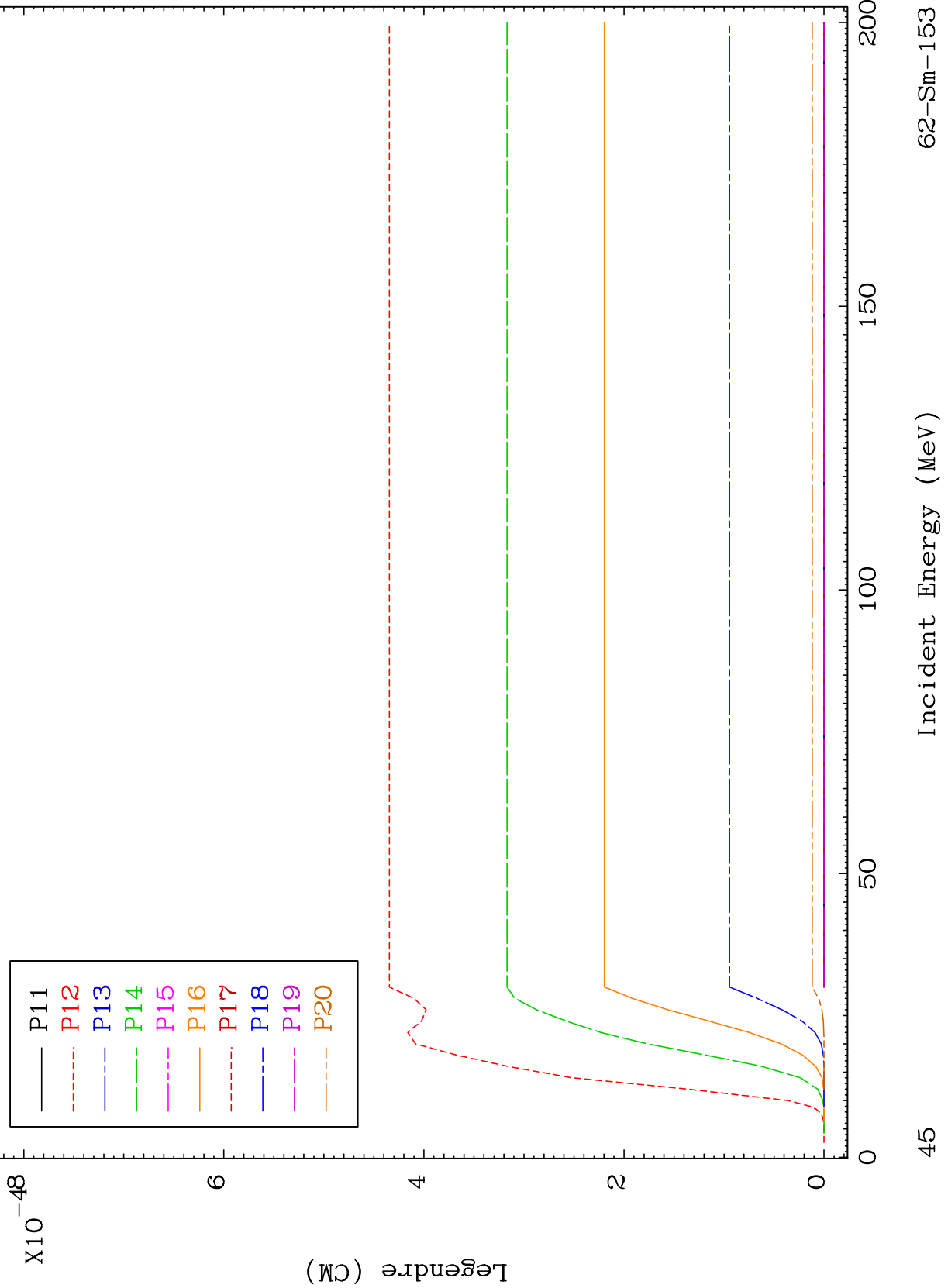
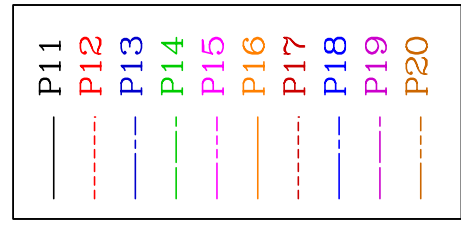
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

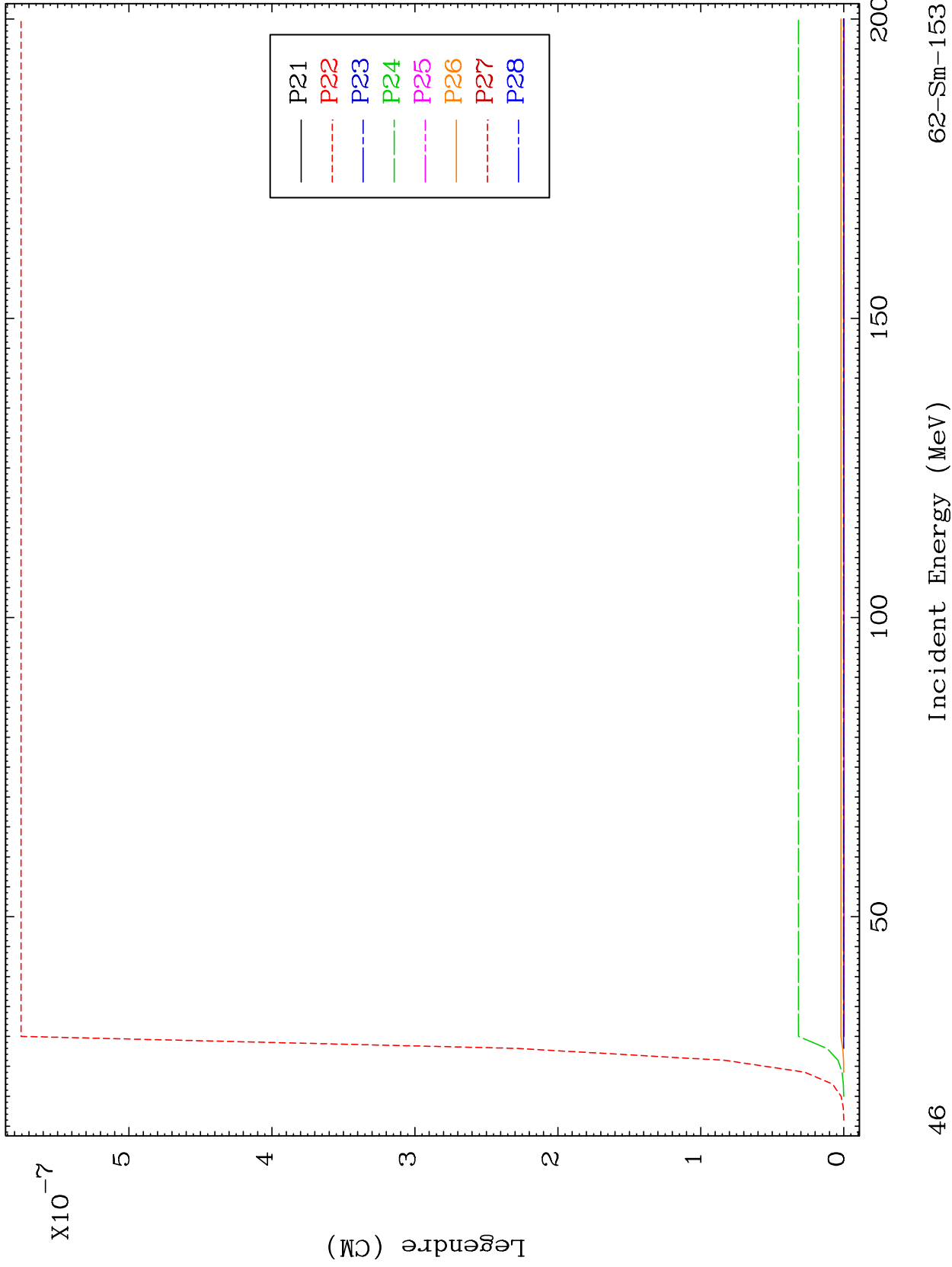
Incident Energy (MeV)

45

MAT 6252

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

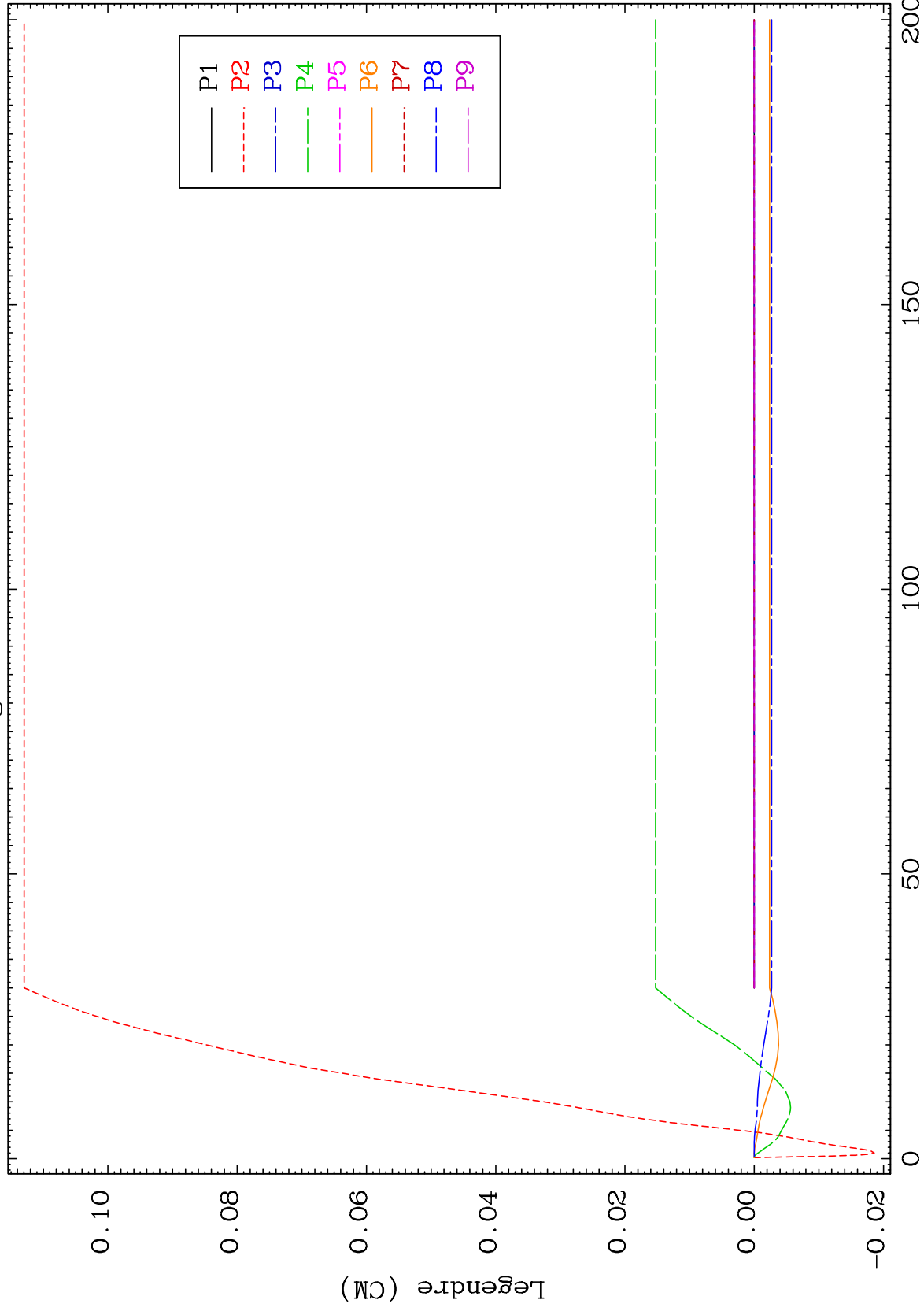
62-Sm-153



MAT 6252

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

62-Sm-153

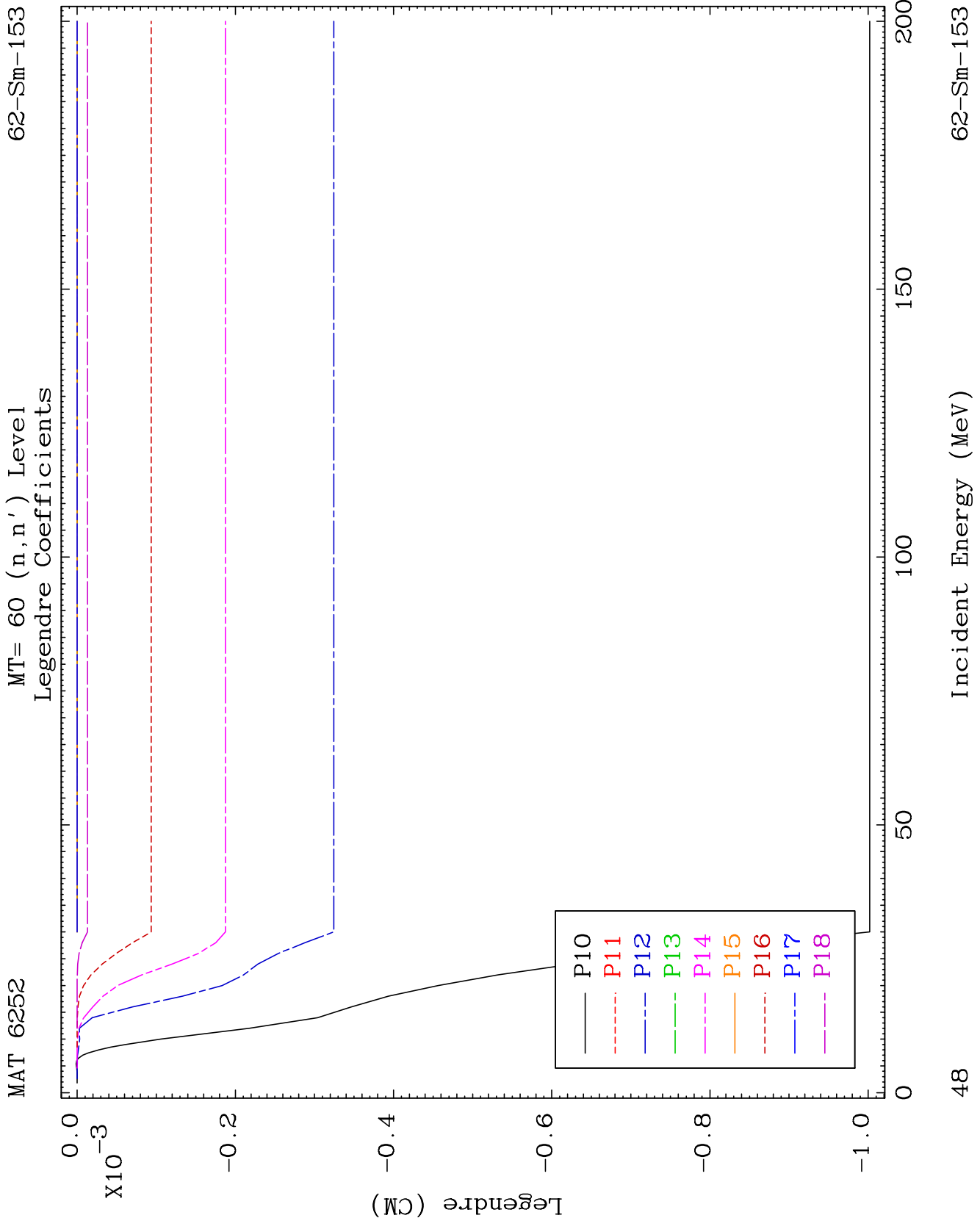


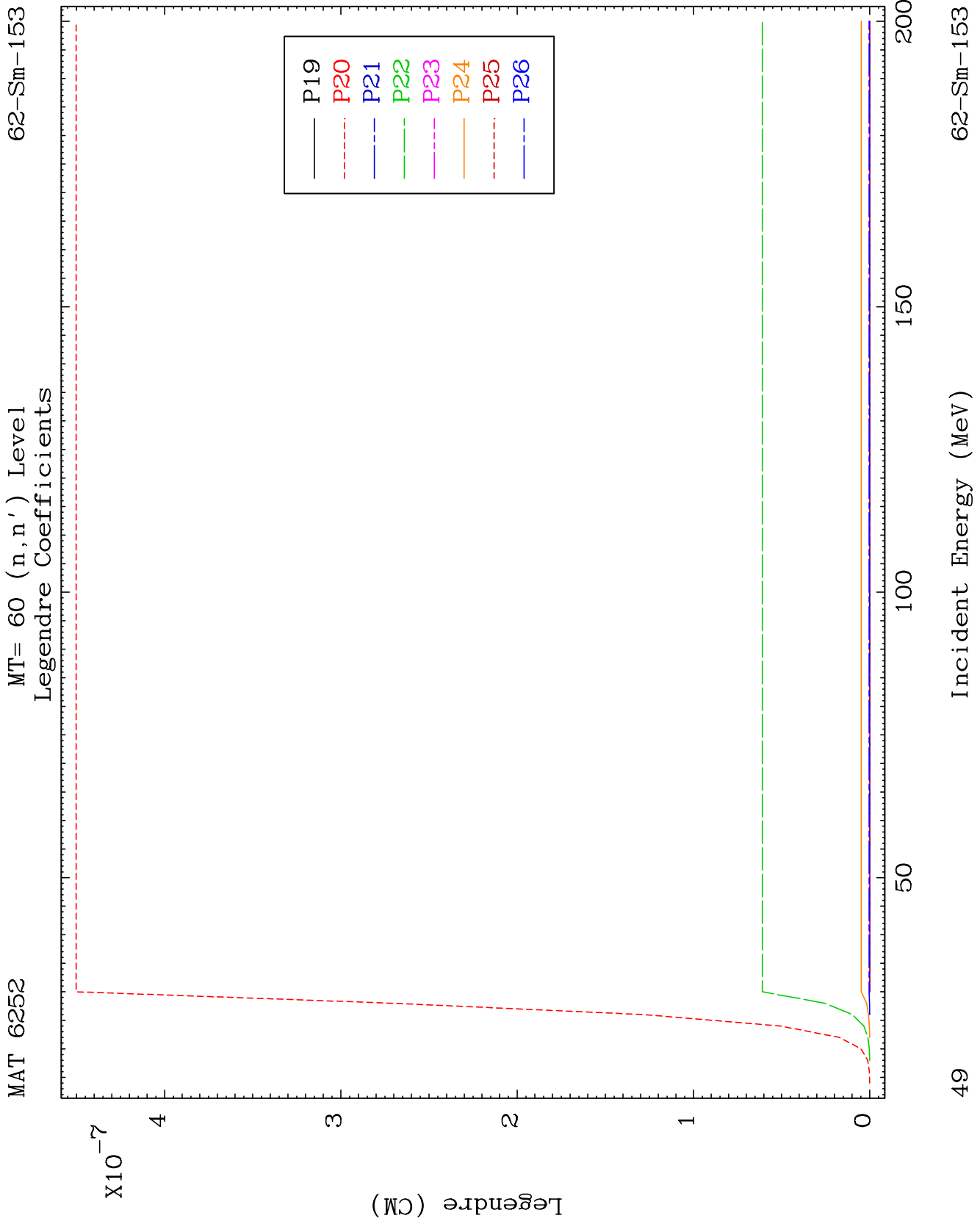
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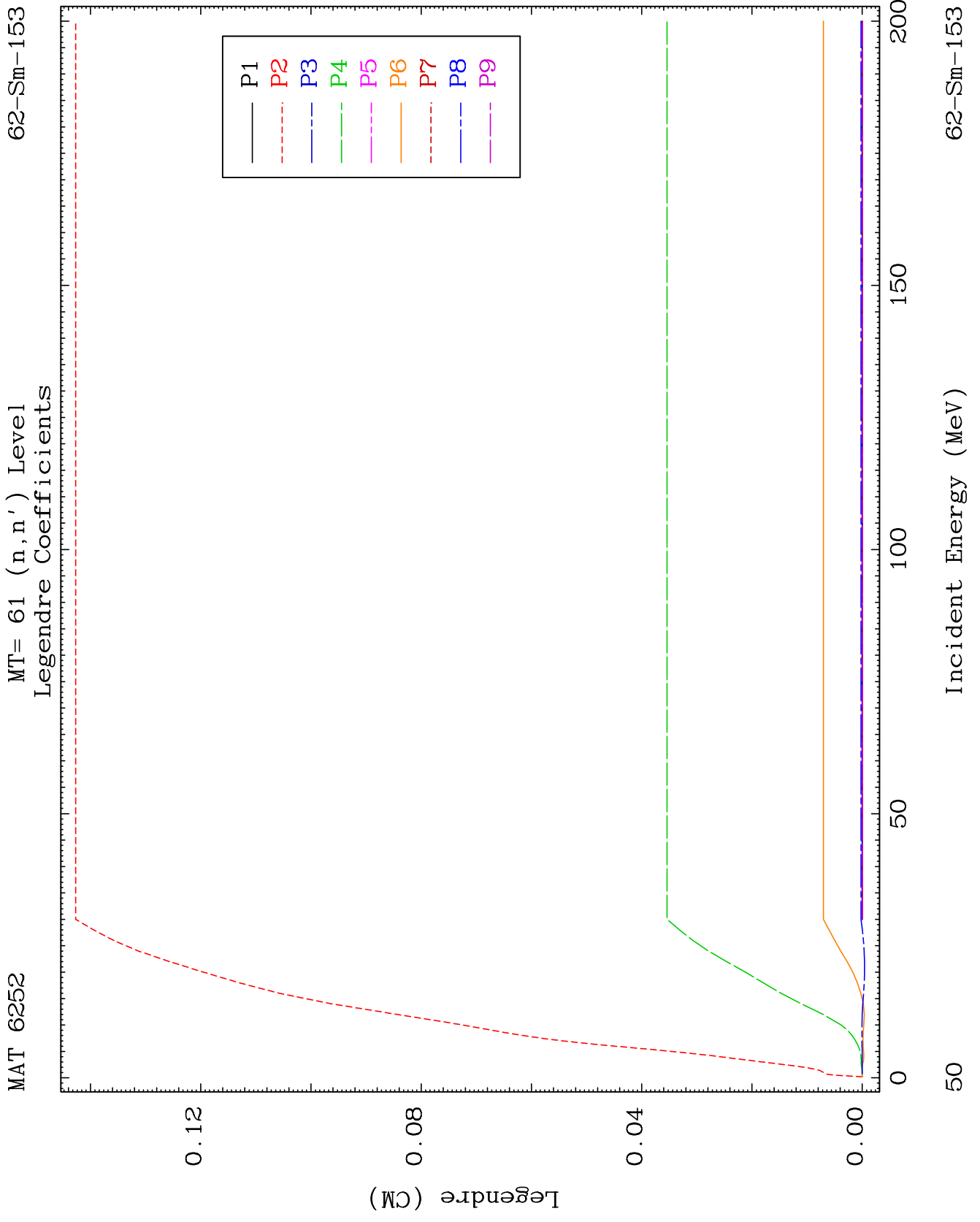
Incident Energy (MeV)

62-Sm-153





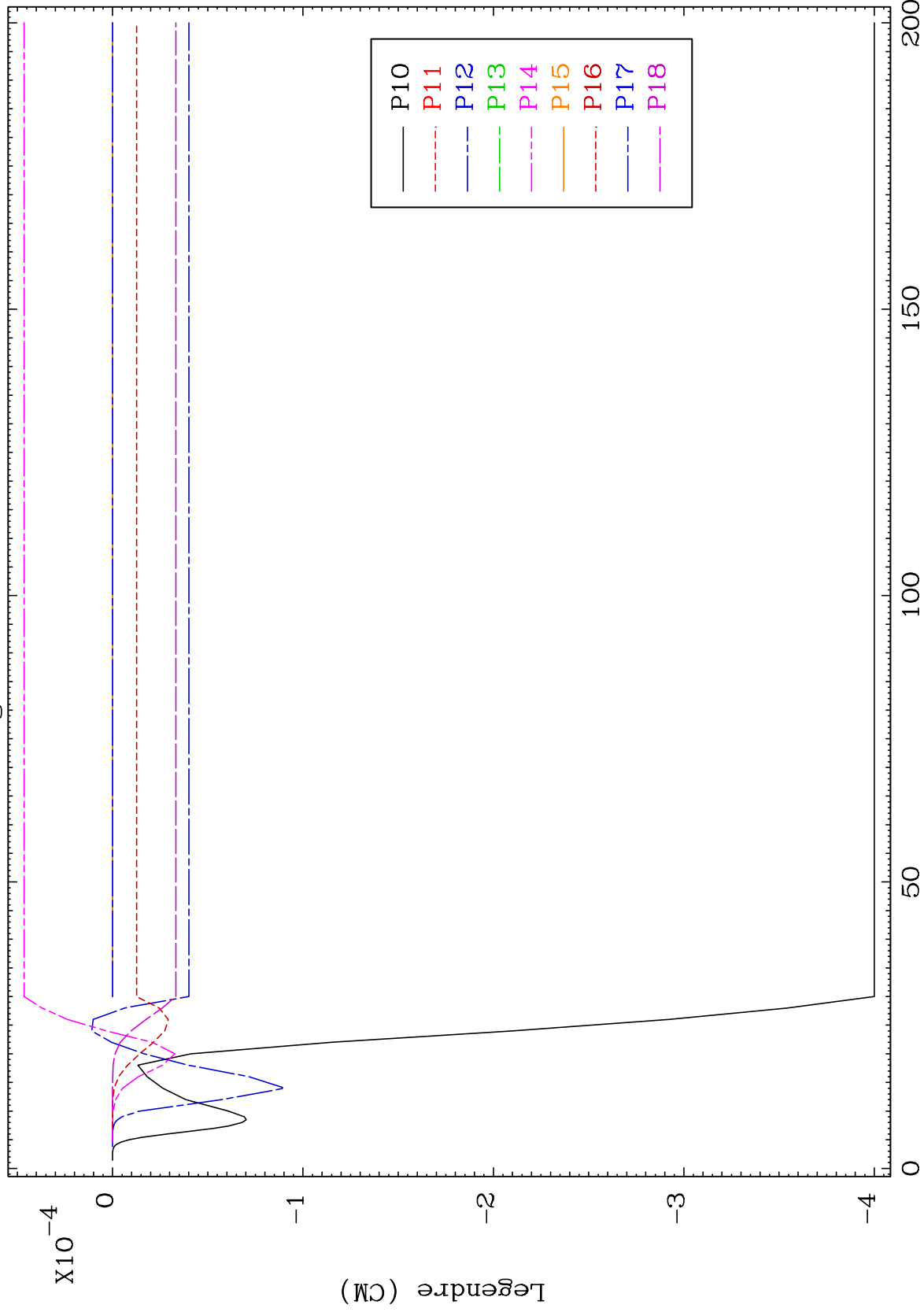




MAT 6252

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

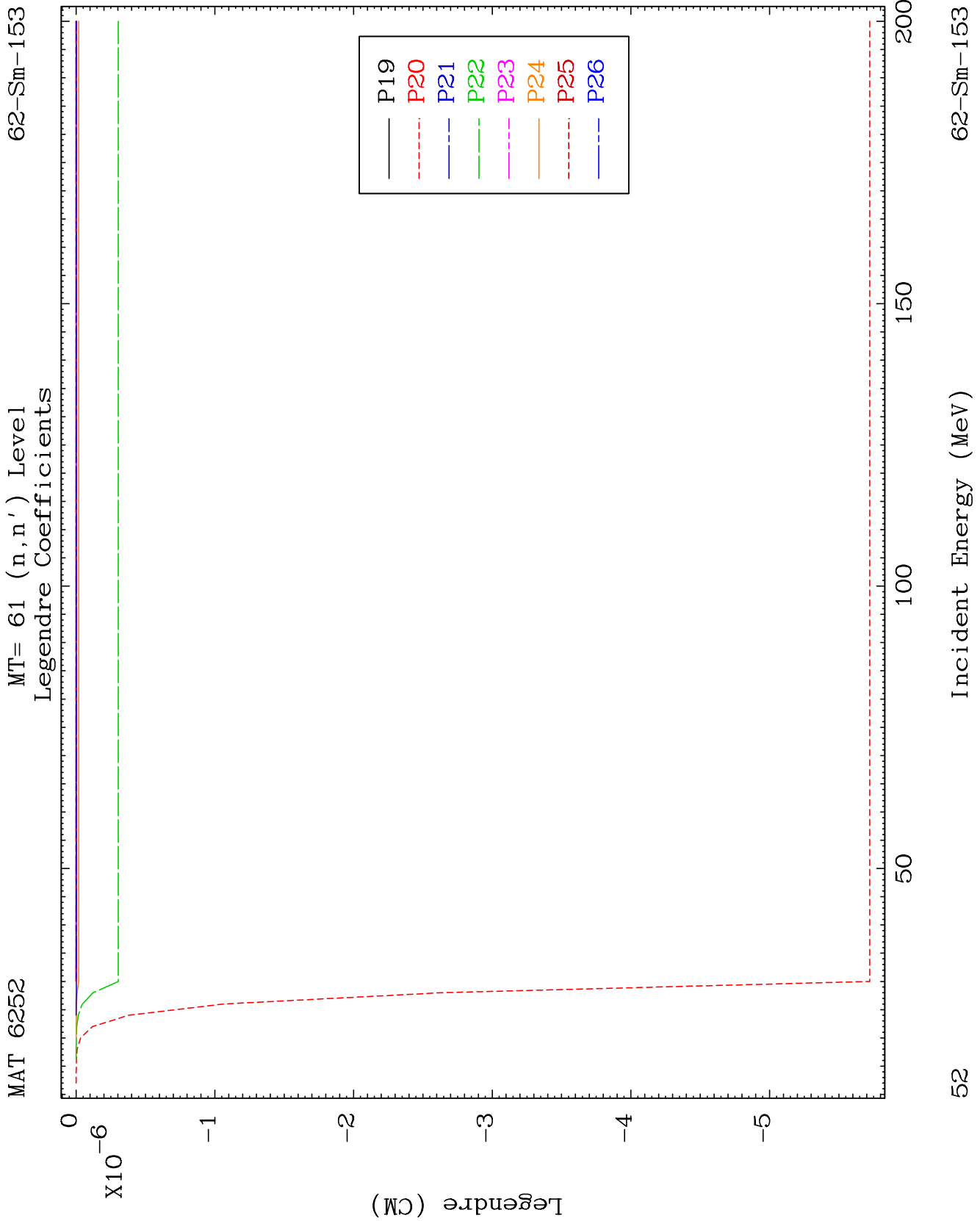
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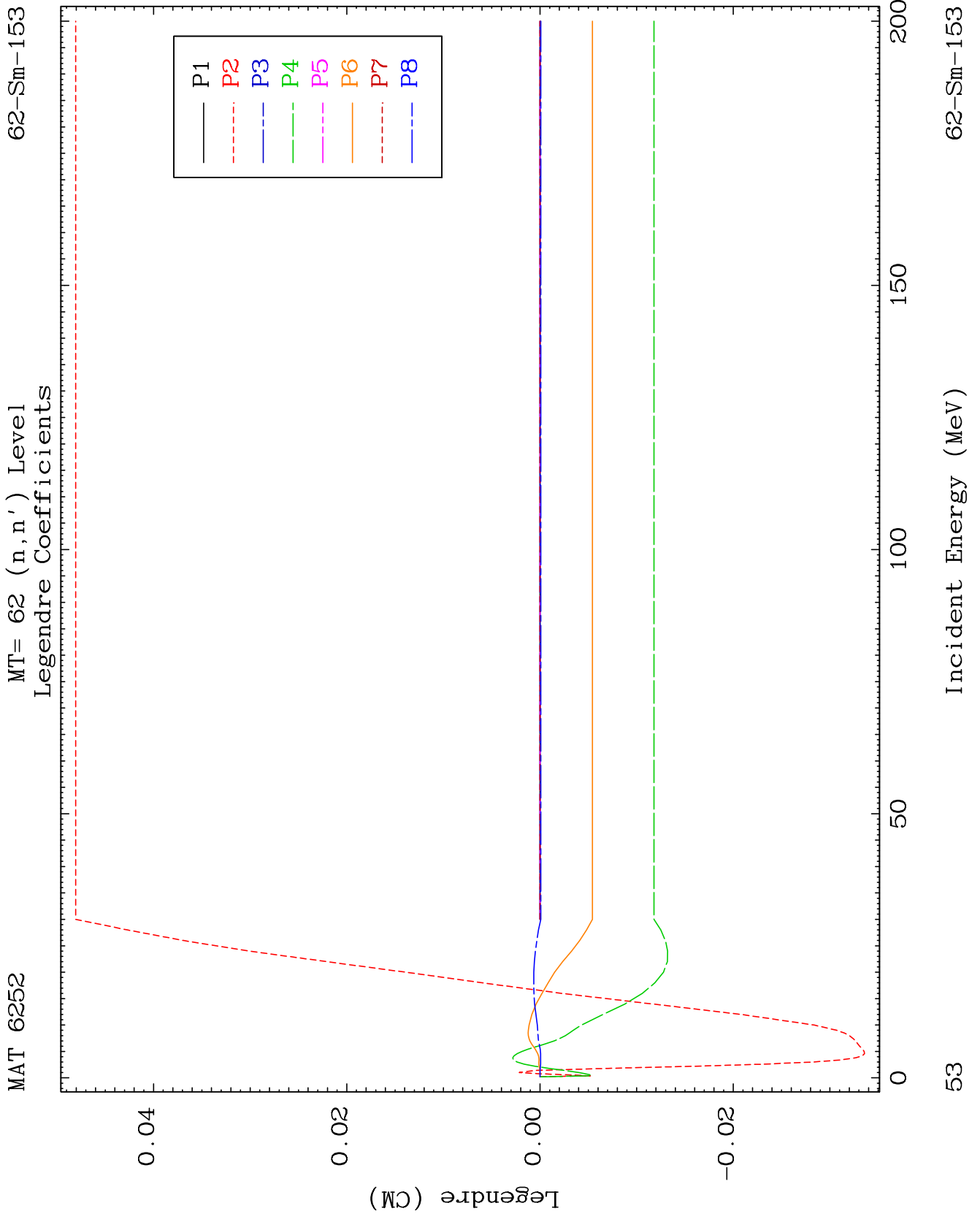


51

Incident Energy (MeV)

62-Sm-153

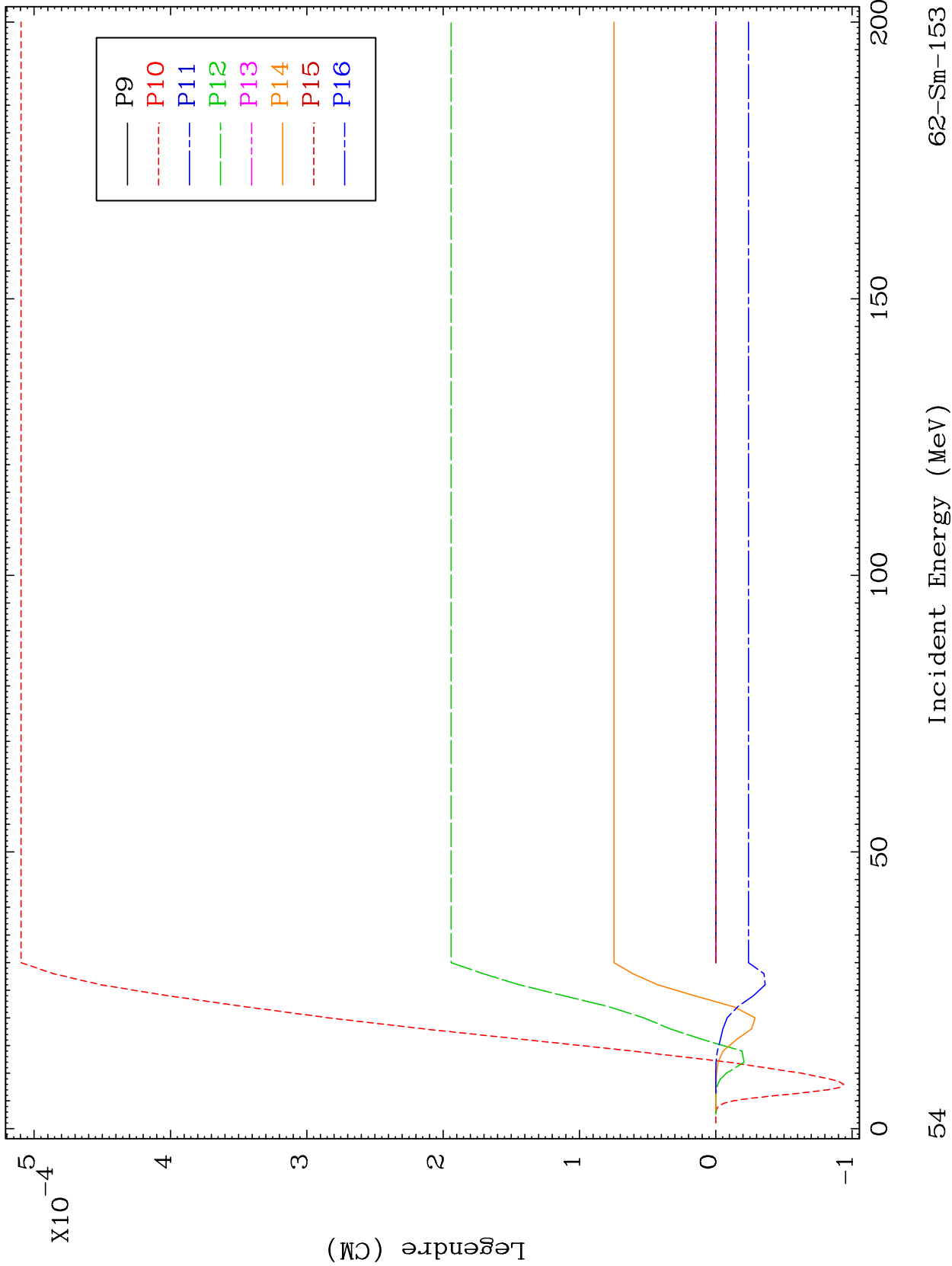




MAT 6252

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

62-Sm-153



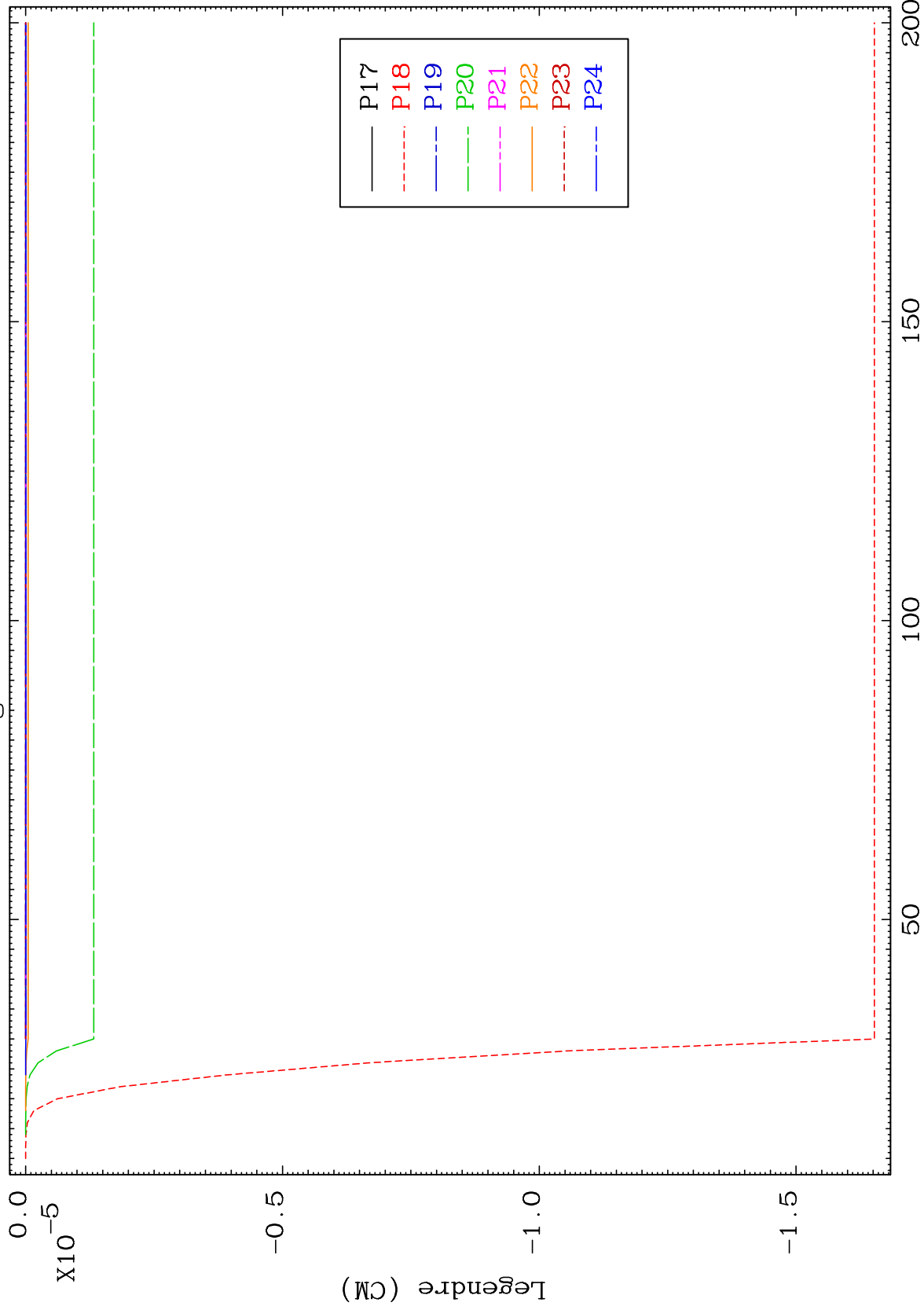
54

62-Sm-153

MAT 6252

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

62-Sm-153

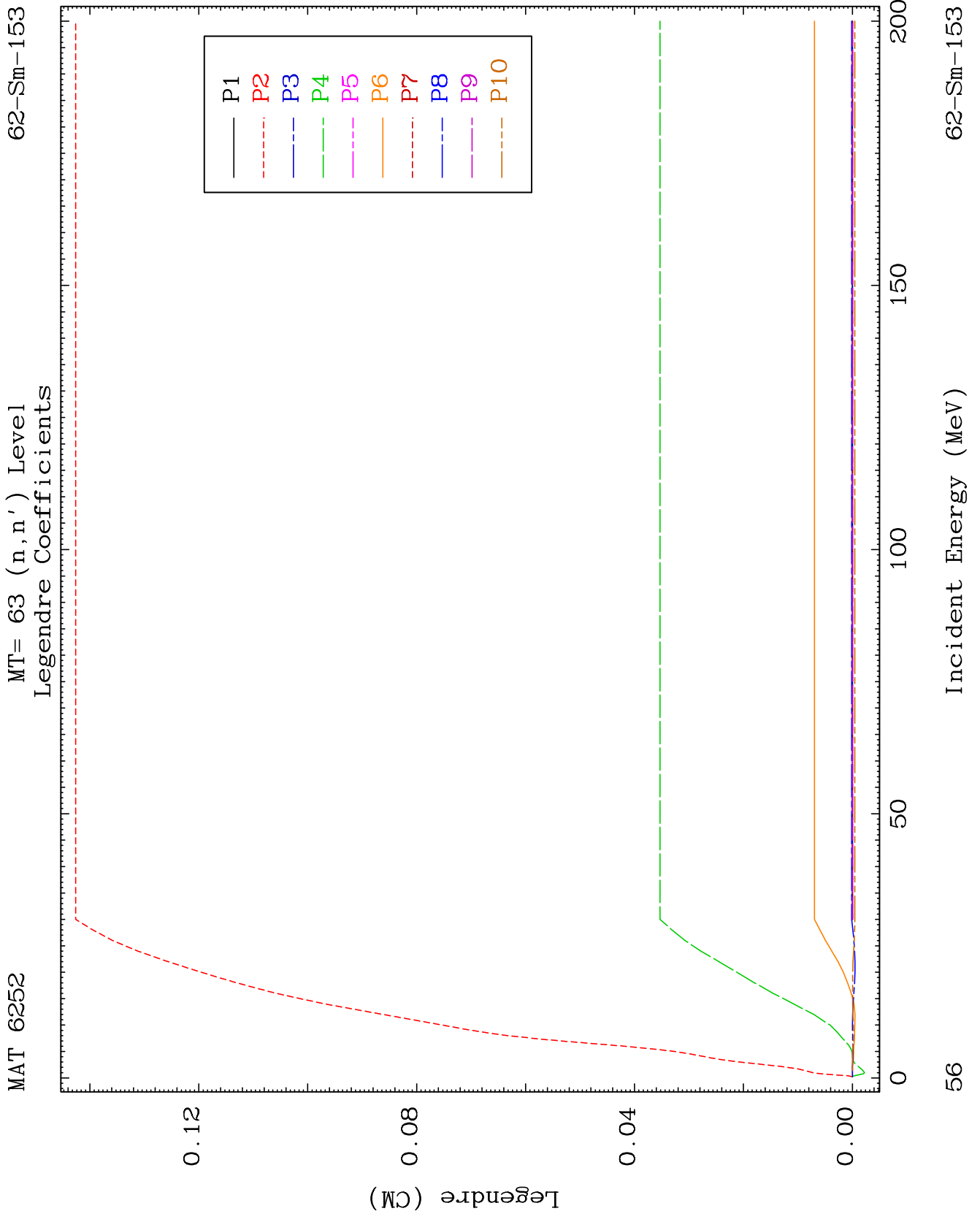


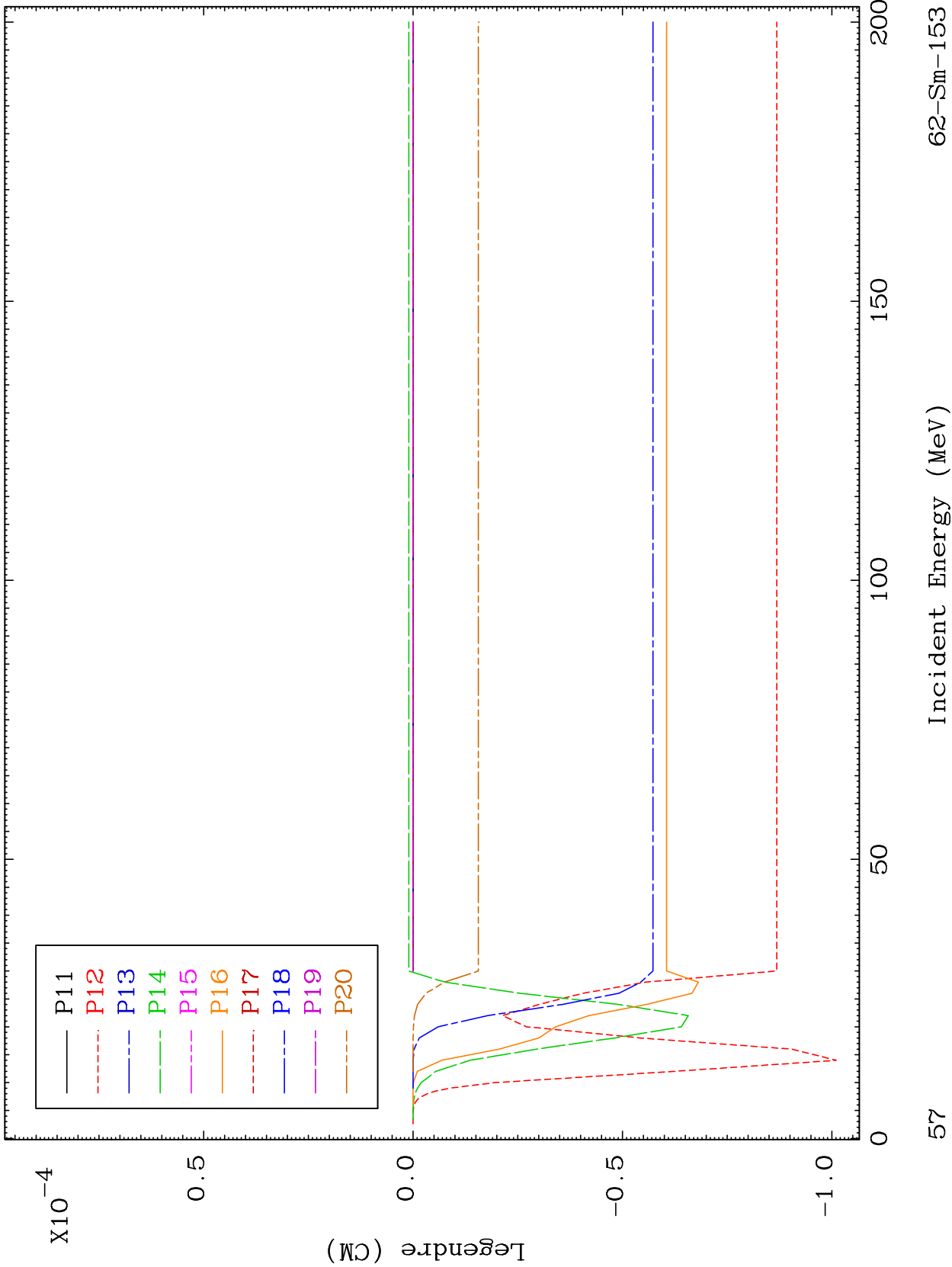
62-Sm-153

Incident Energy (MeV)

55



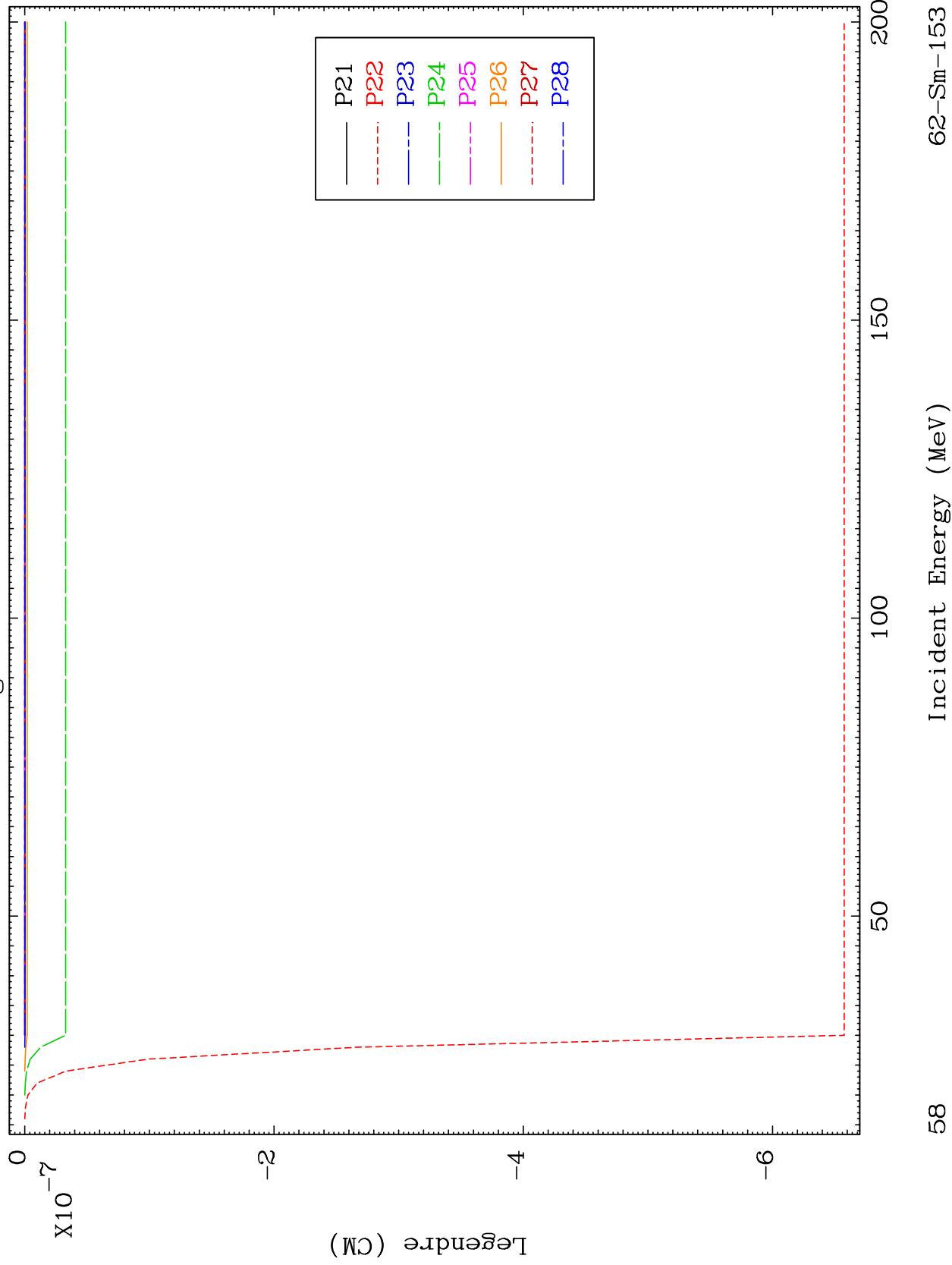




MAT 6252

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

62-Sm-153



58

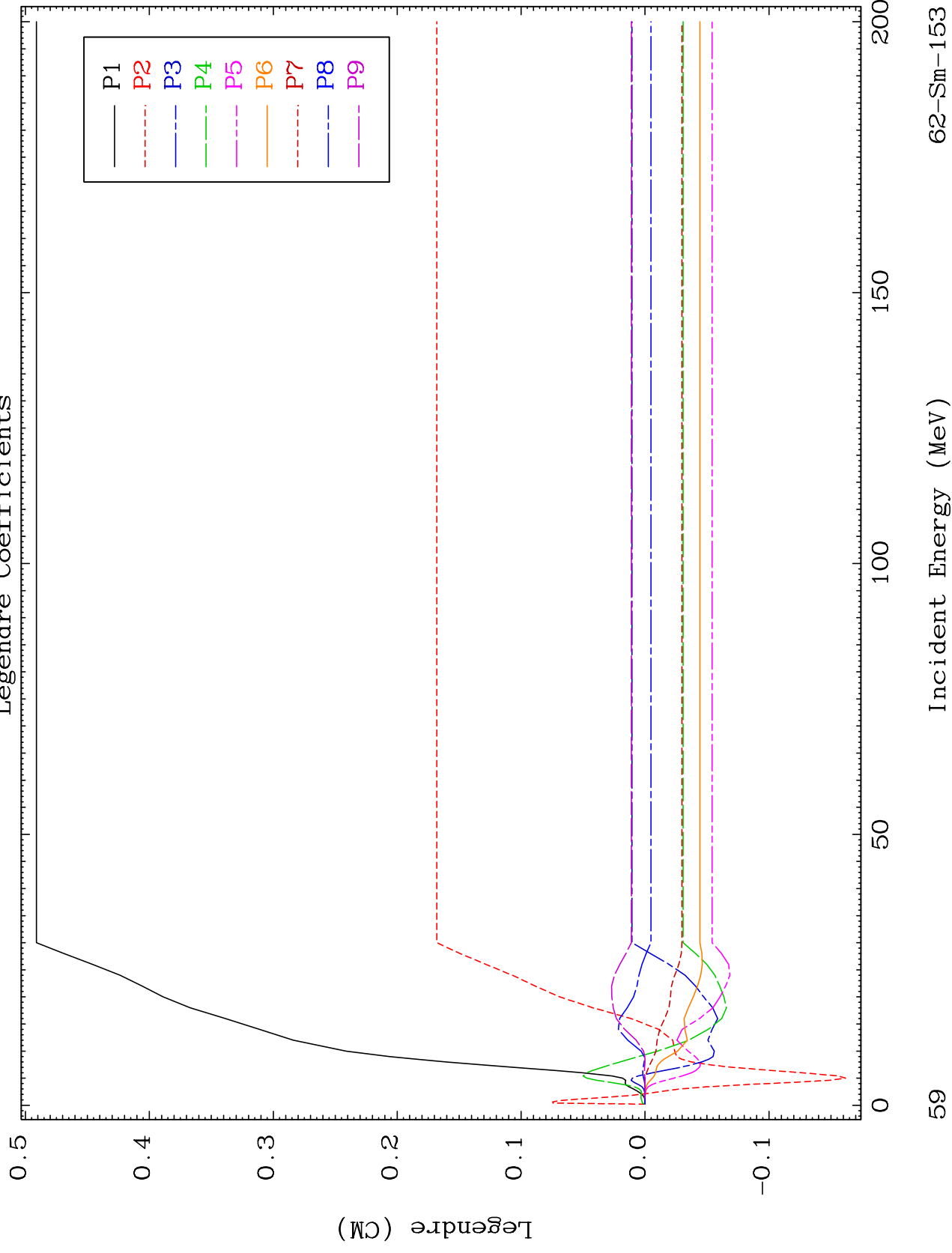
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

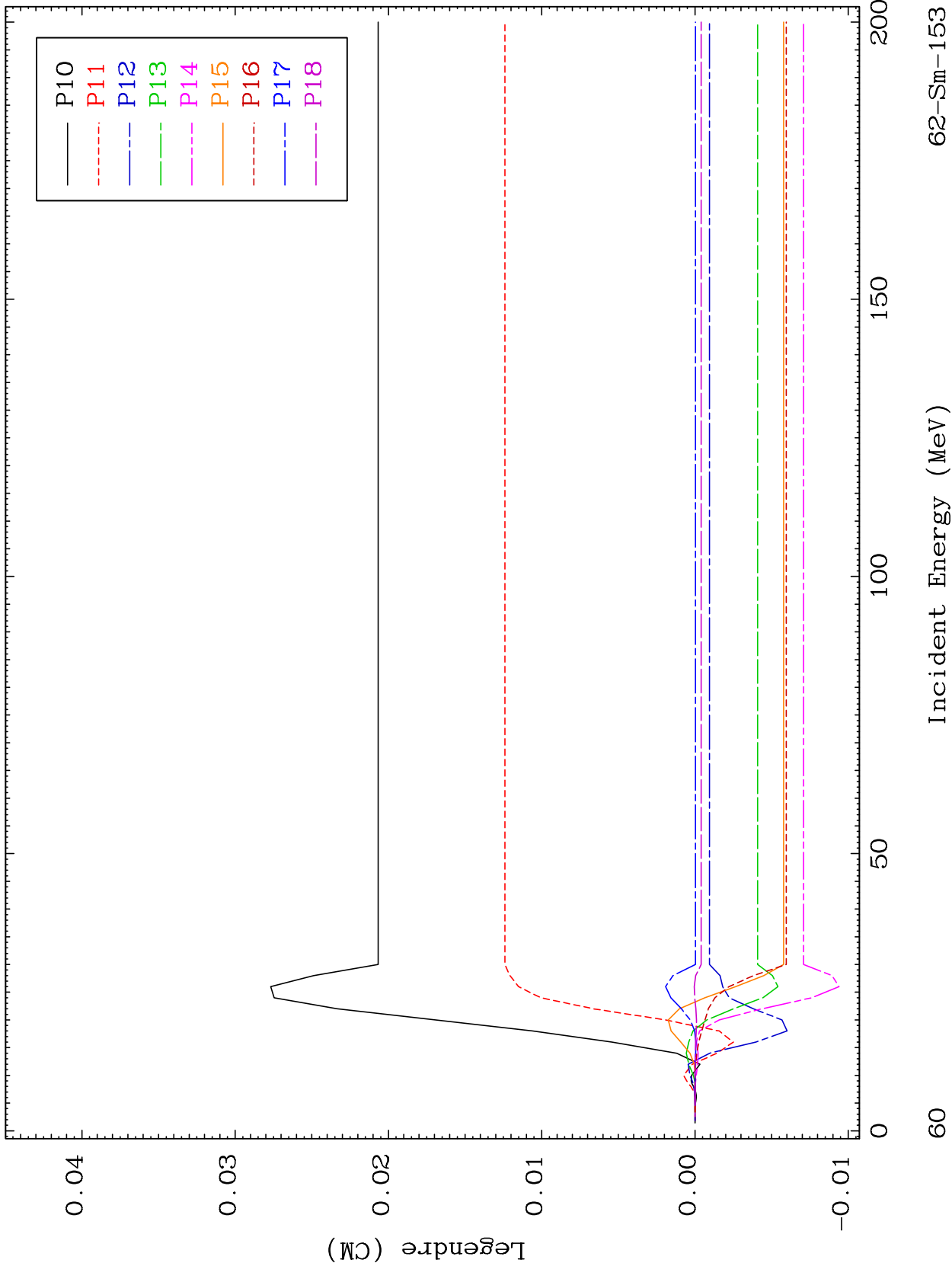
Incident Energy (MeV)

59

MAT 6252

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

62-Sm-153



62-Sm-153

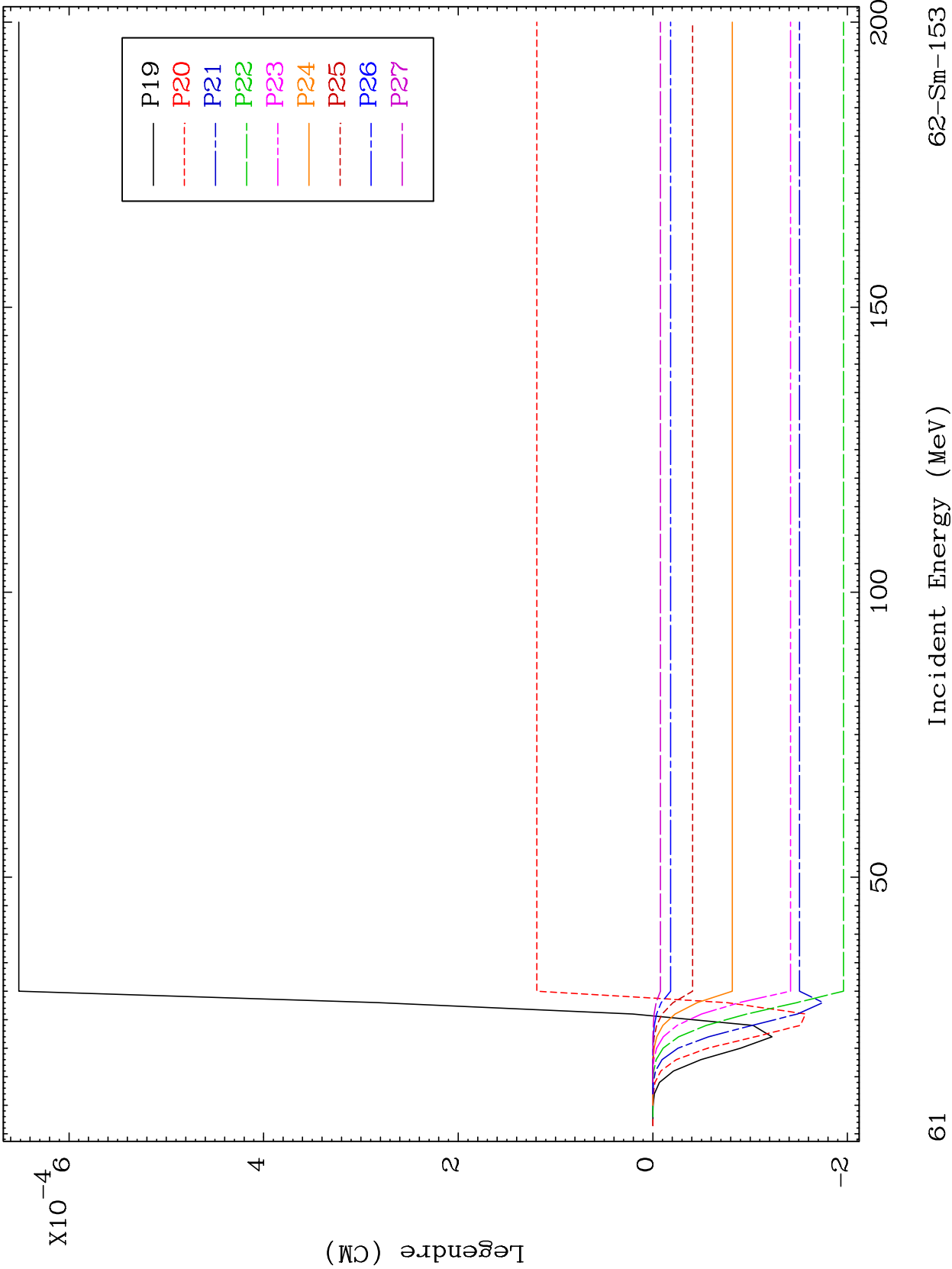
Incident Energy (MeV)

60

MAT 6252

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

62-Sm-153



61

Incident Energy (MeV)

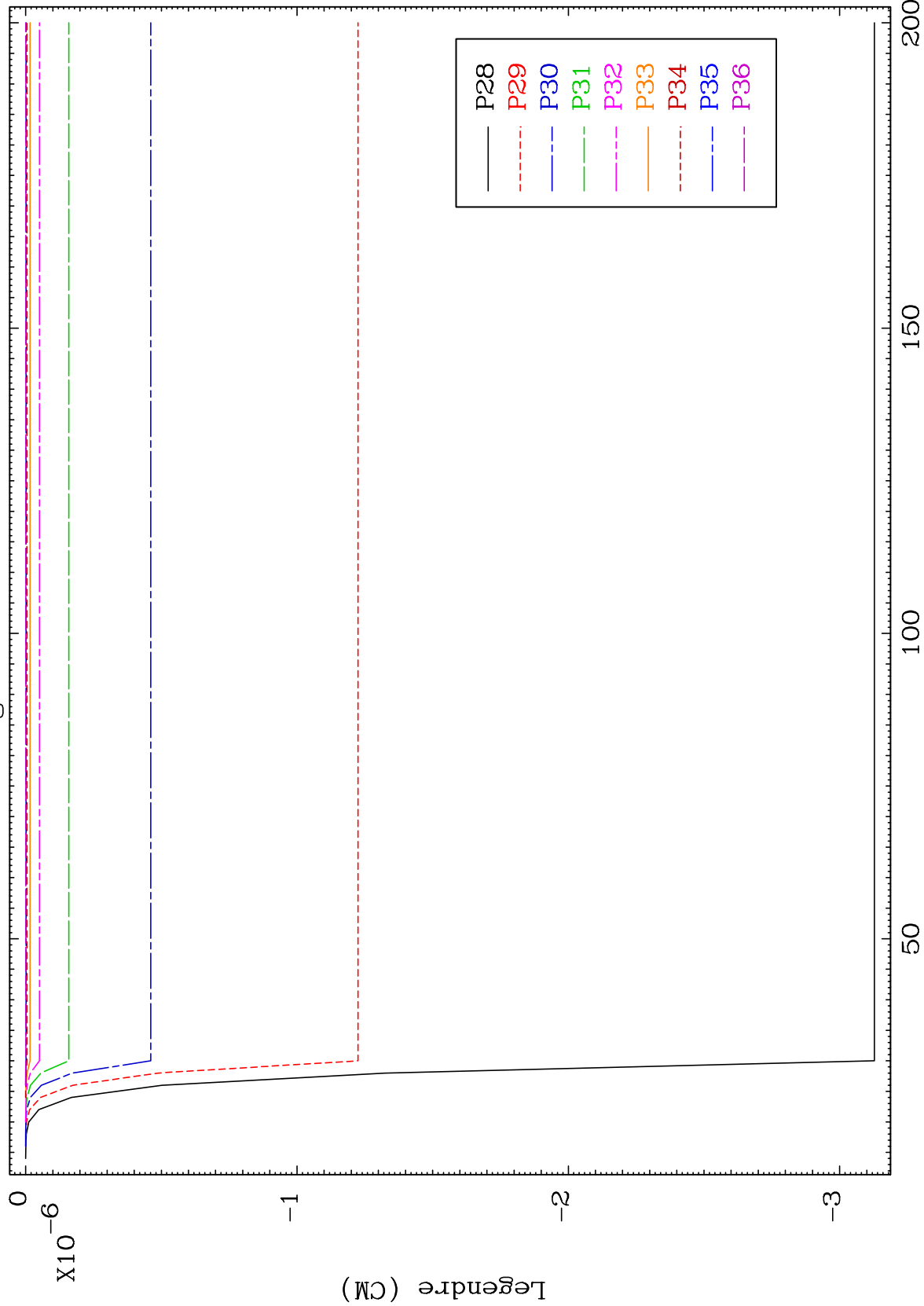
62-Sm-153

MAT 6252

MT= 64 (n,n') Level

62-Sm-153

Legendre Coefficients



62-Sm-153

Incident Energy (MeV)

62

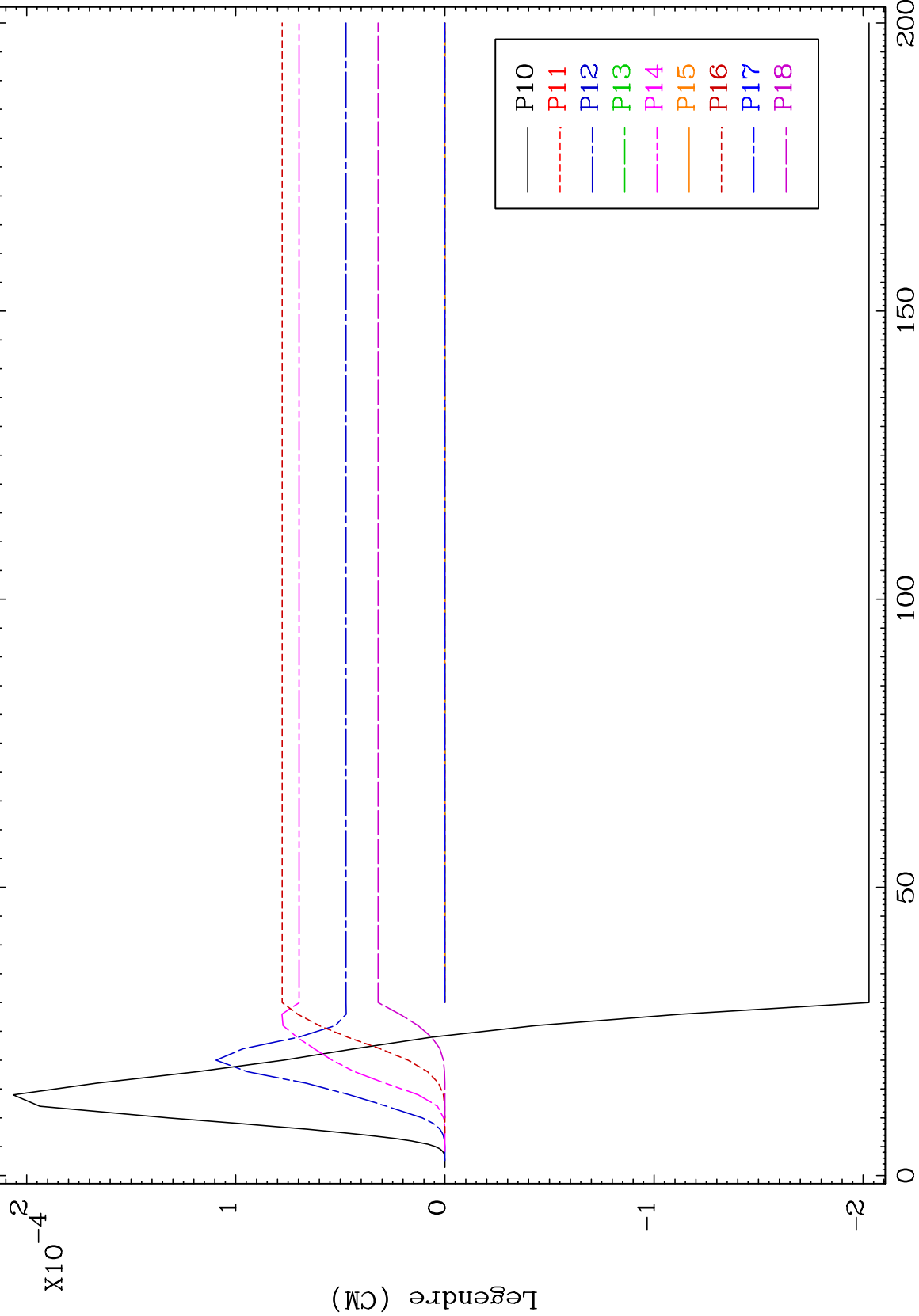




MAT 6252

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

62-Sm-153



64

Incident Energy (MeV)

62-Sm-153

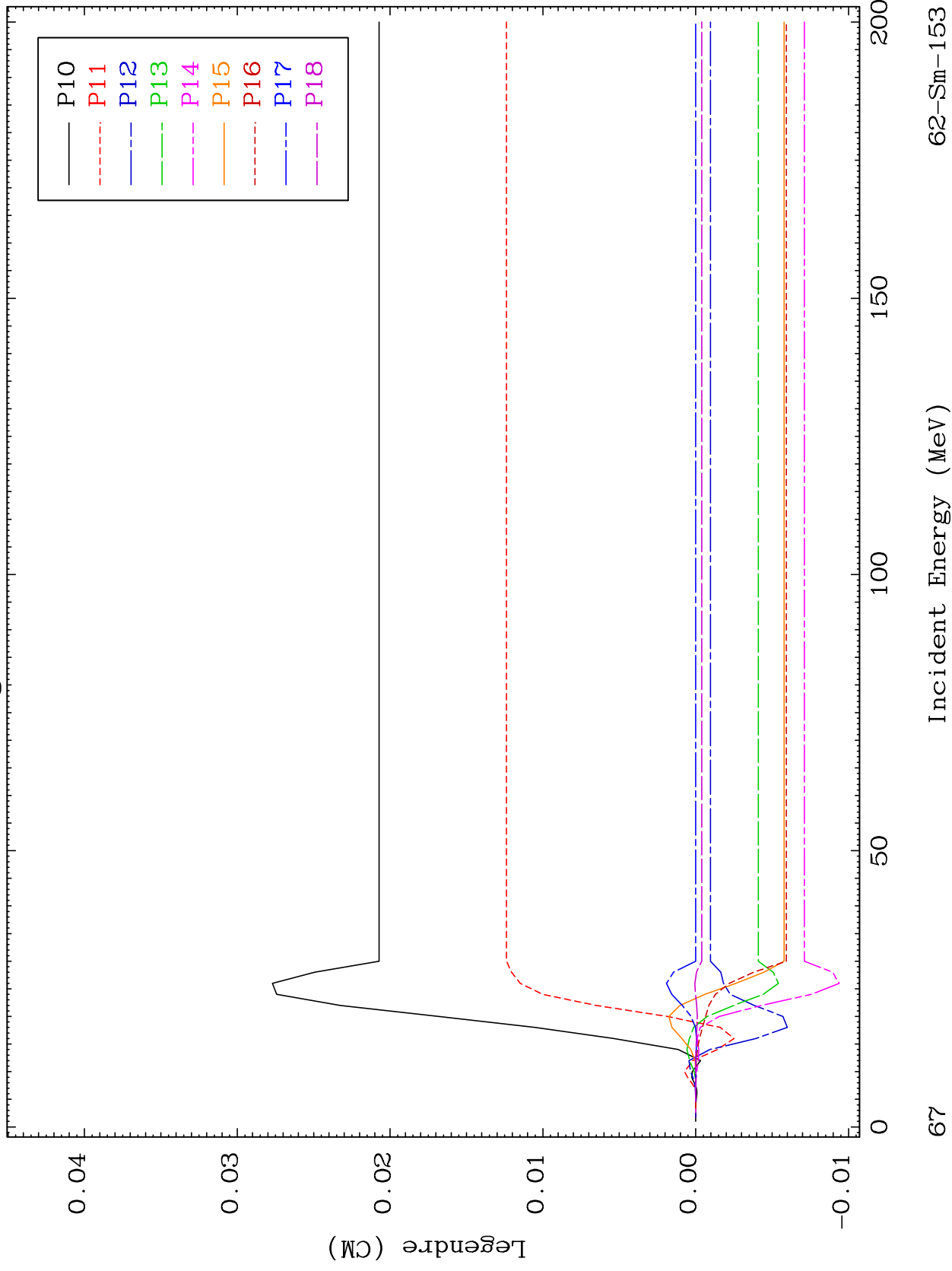




MAT 6252

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

62-Sm-153



67

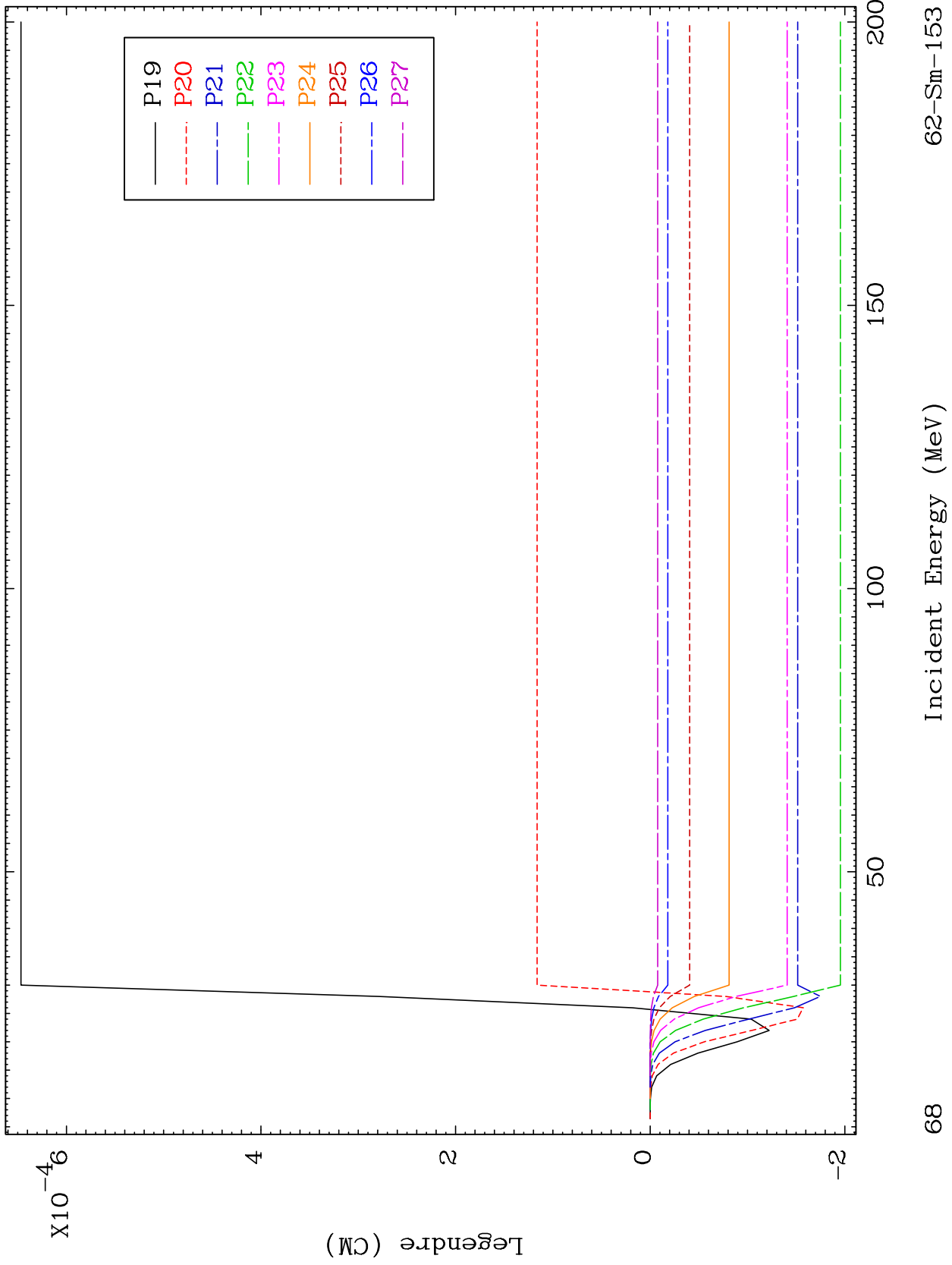
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

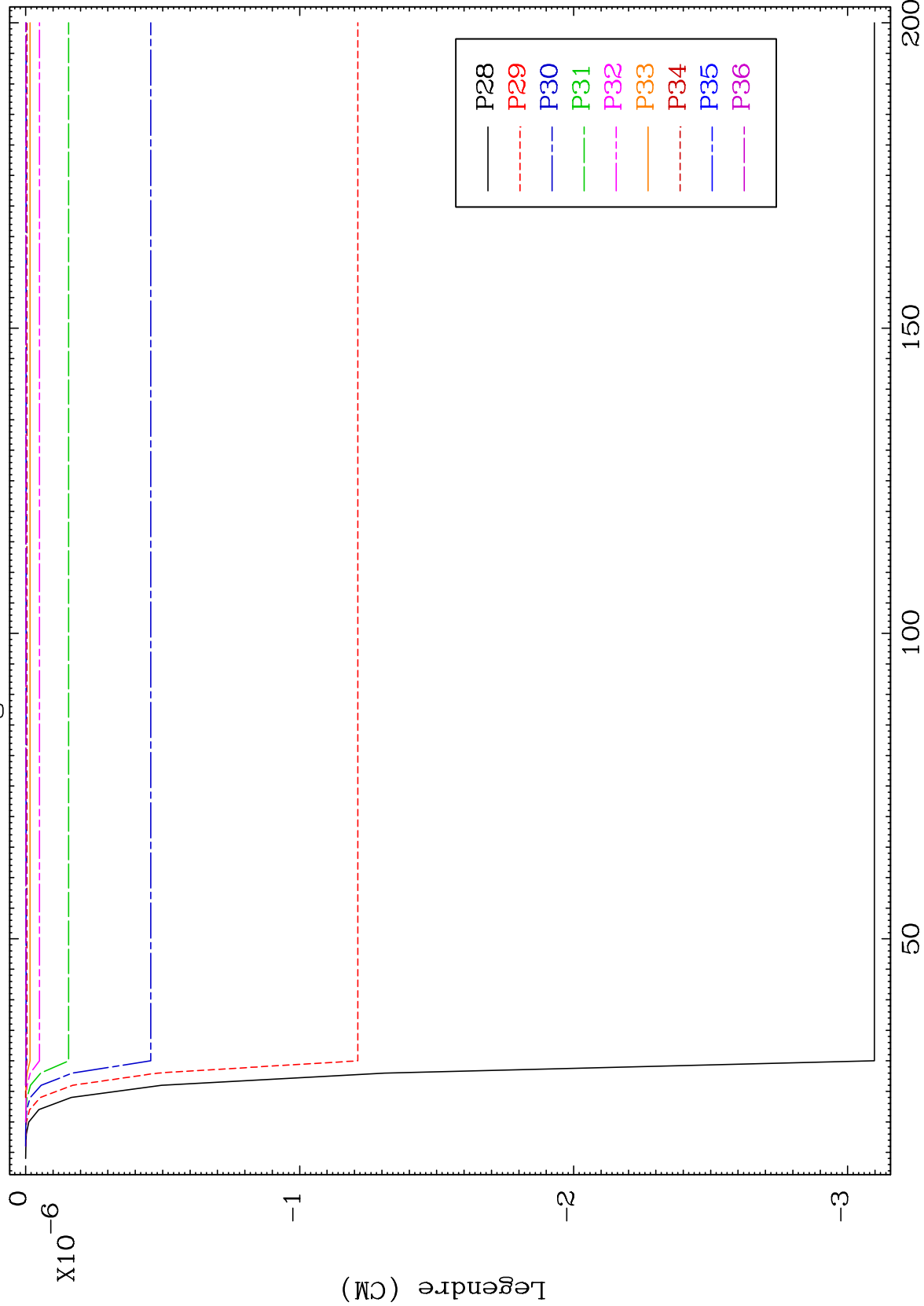
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

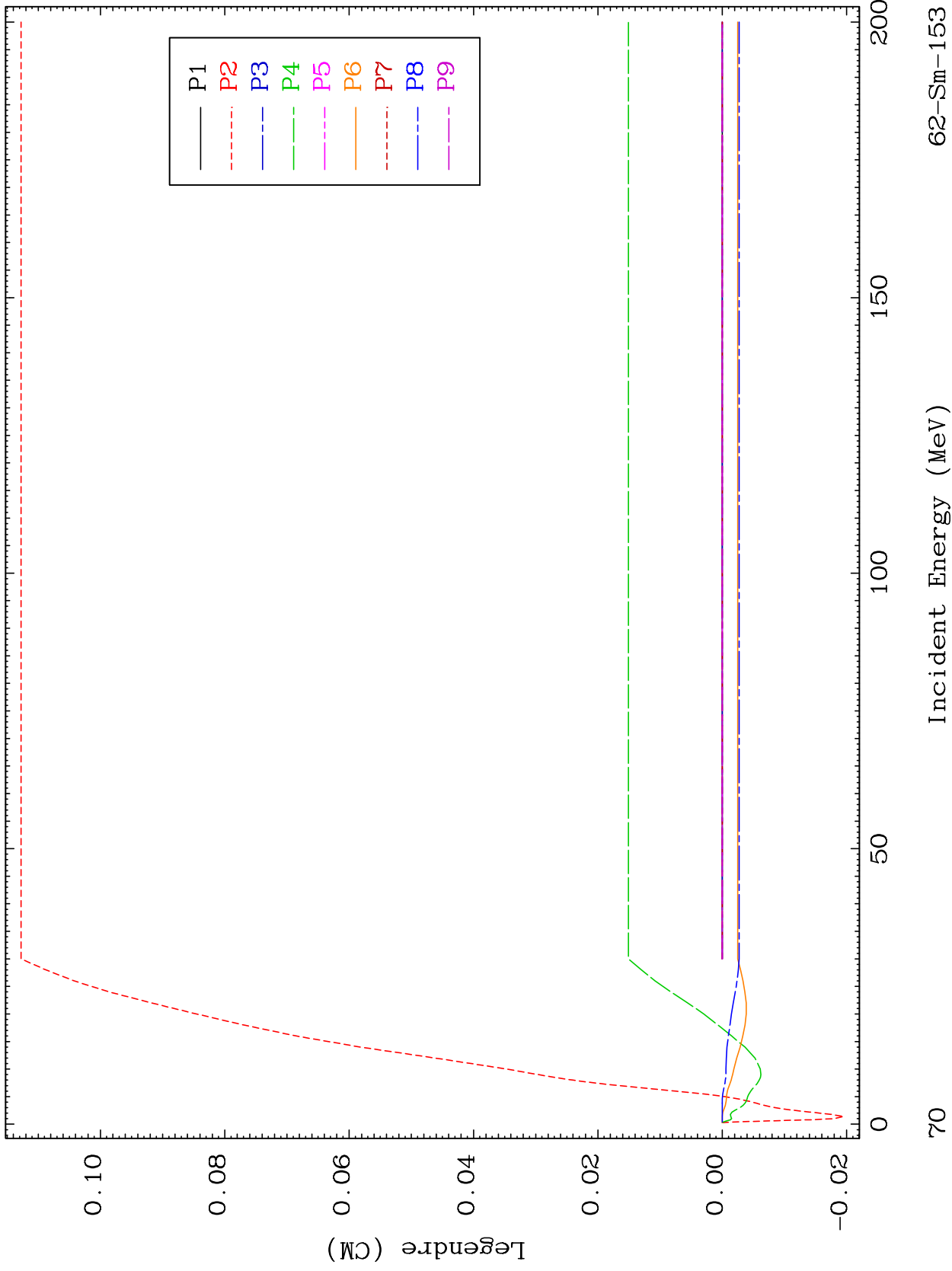
Incident Energy (MeV)

69

MAT 6252

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

62-Sm-153



62-Sm-153

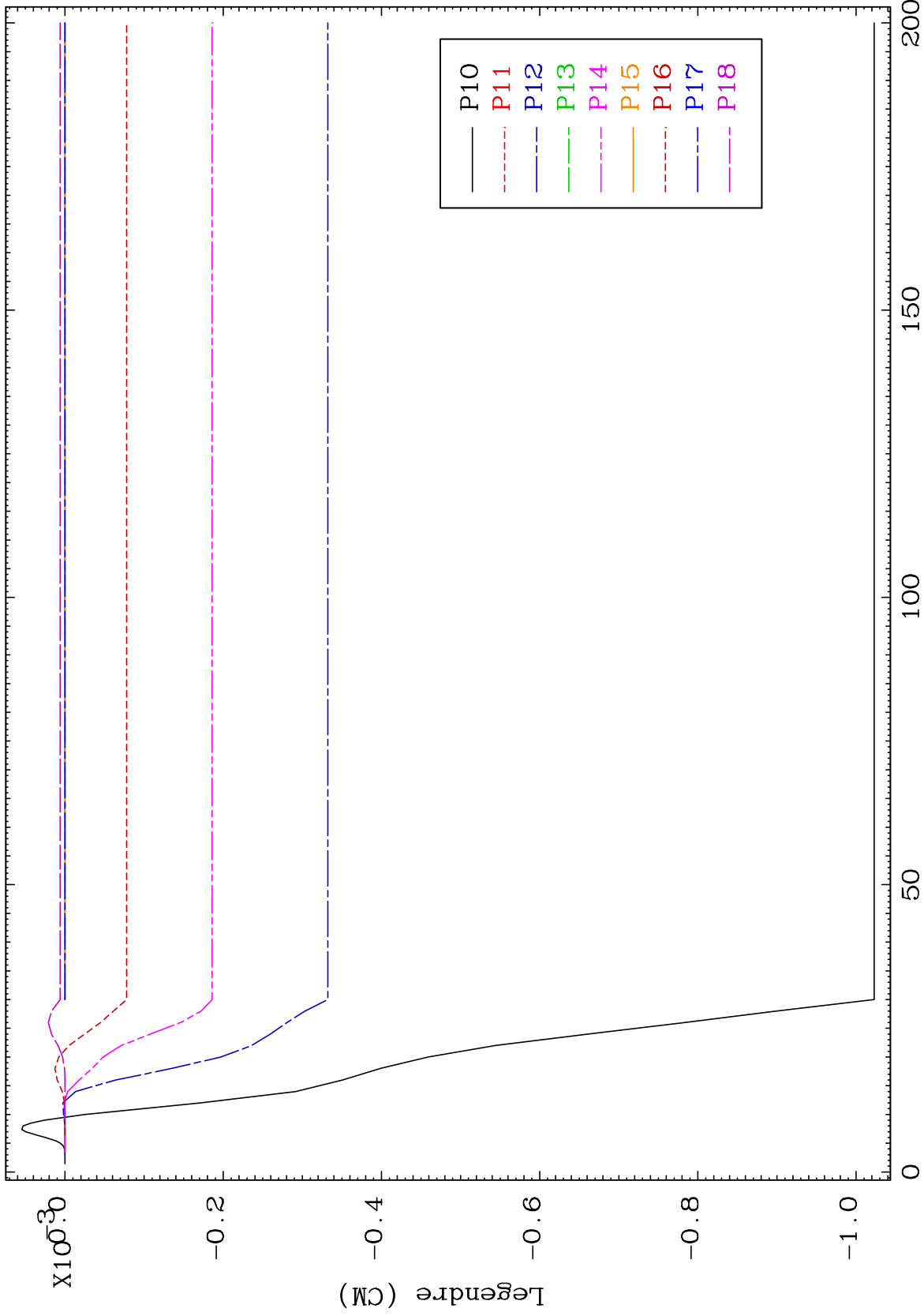
Incident Energy (MeV)

70

MAT 6252

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

62-Sm-153



71

Incident Energy (MeV)

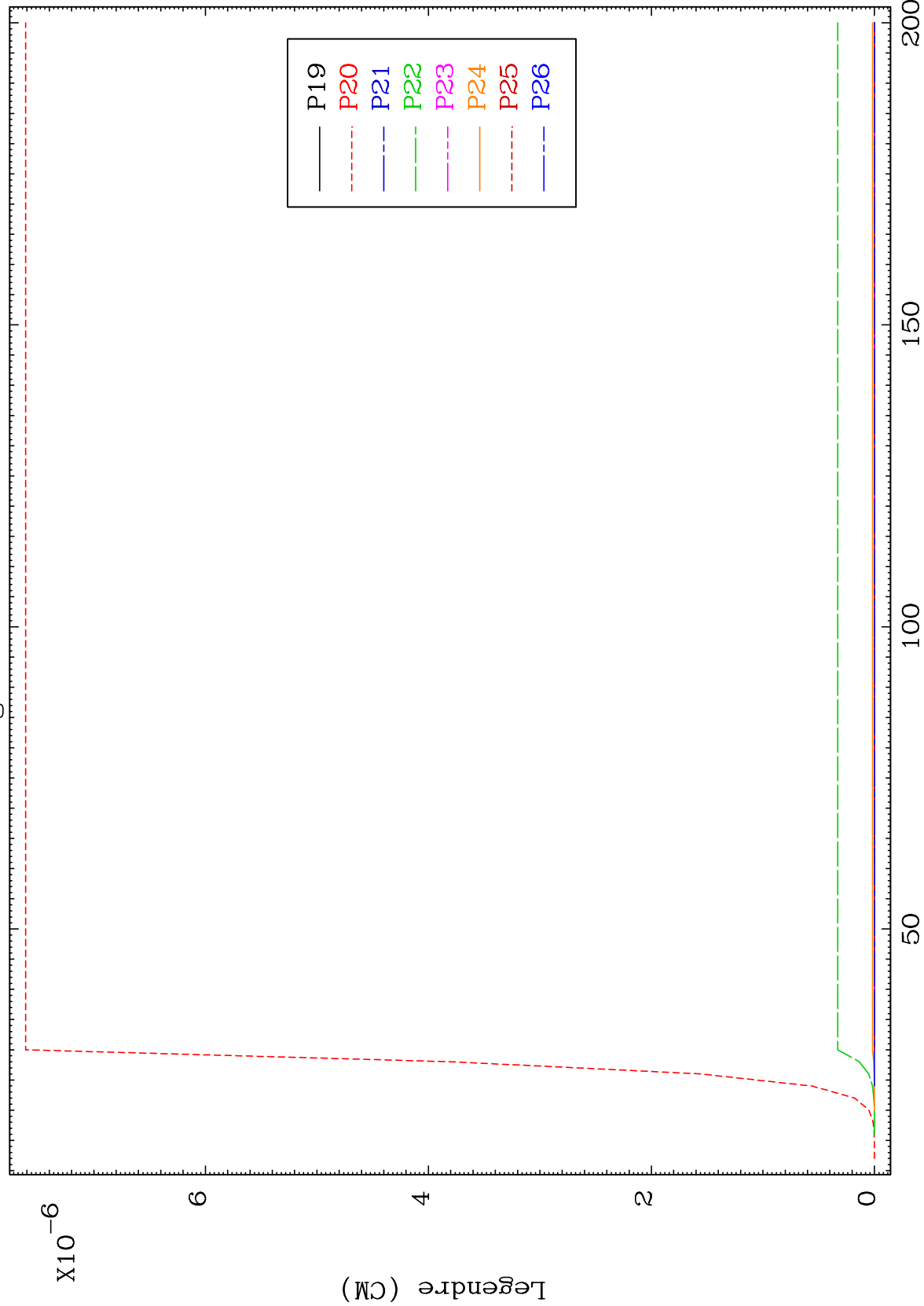
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

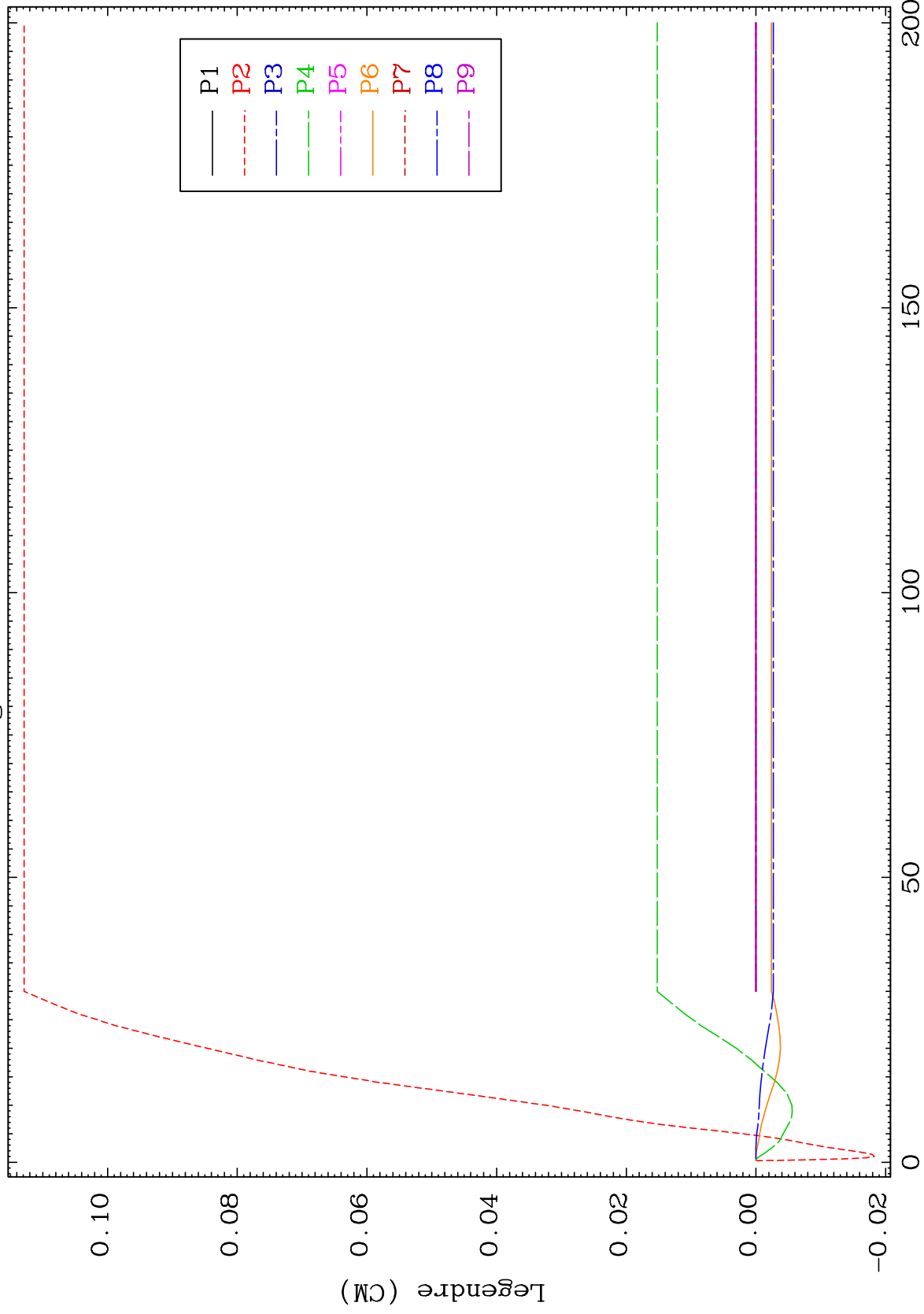
Incident Energy (MeV)

72

MAT 6252

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

62-Sm-153

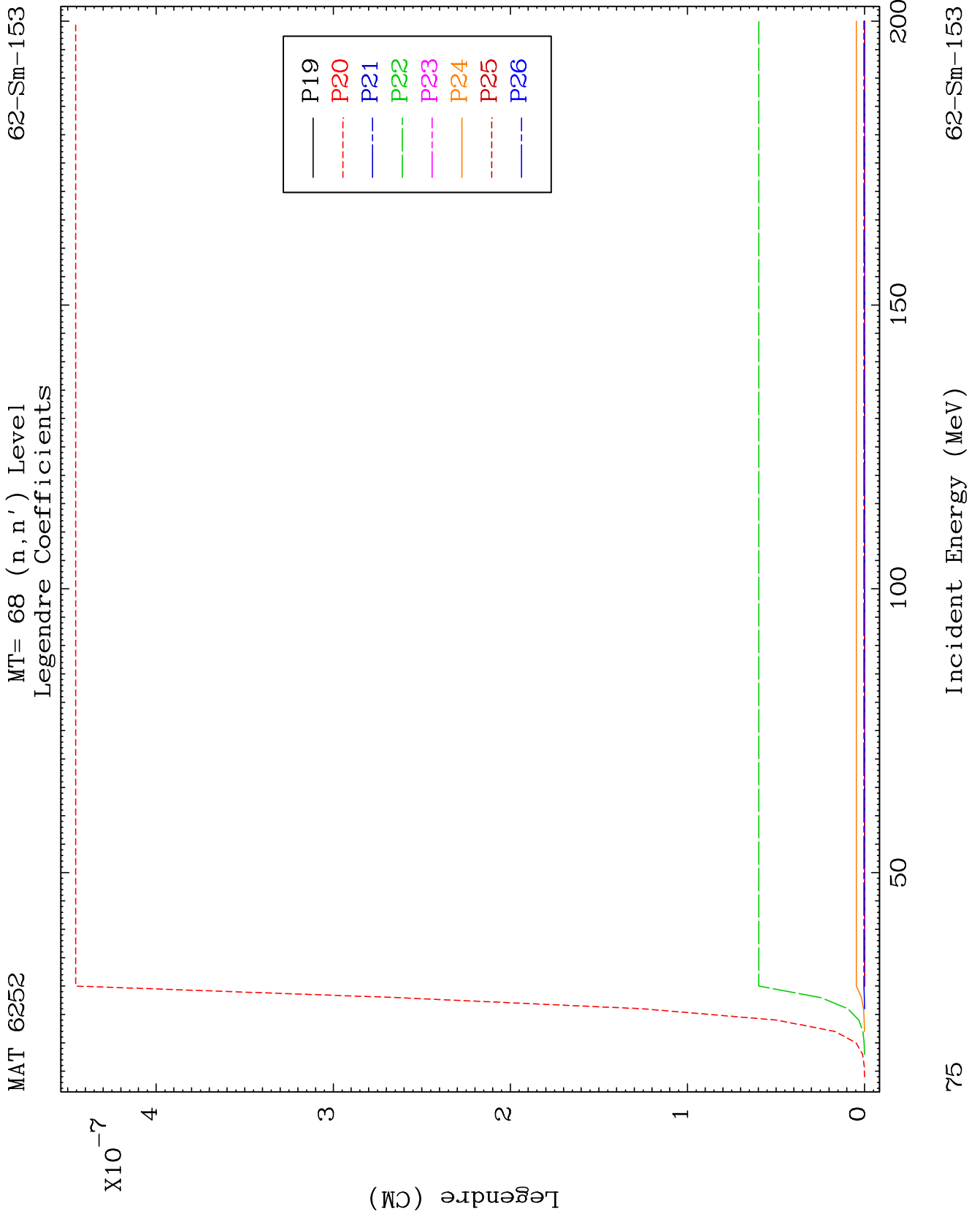


73

Incident Energy (MeV)

62-Sm-153



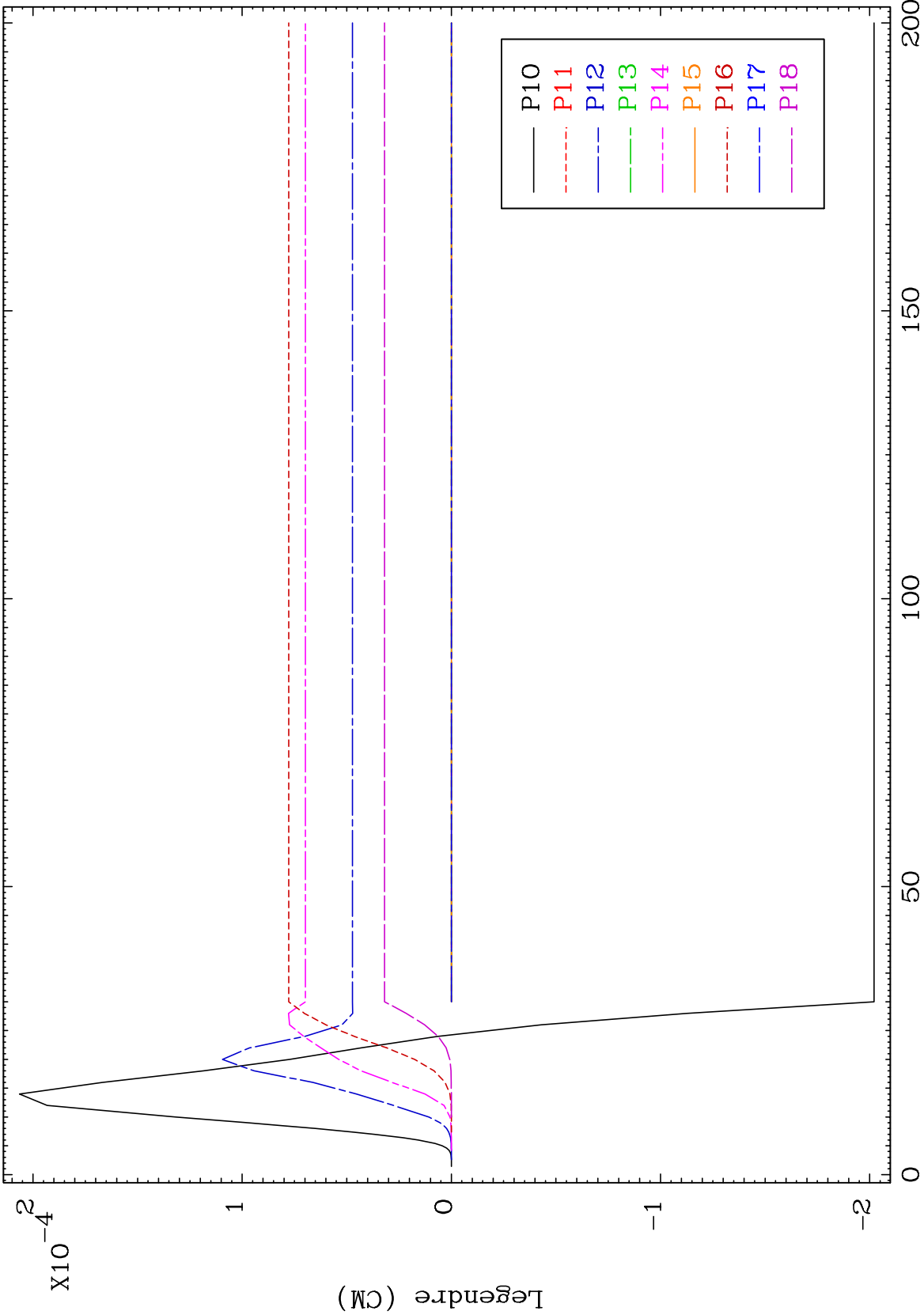




MAT 6252

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

62-Sm-153



77

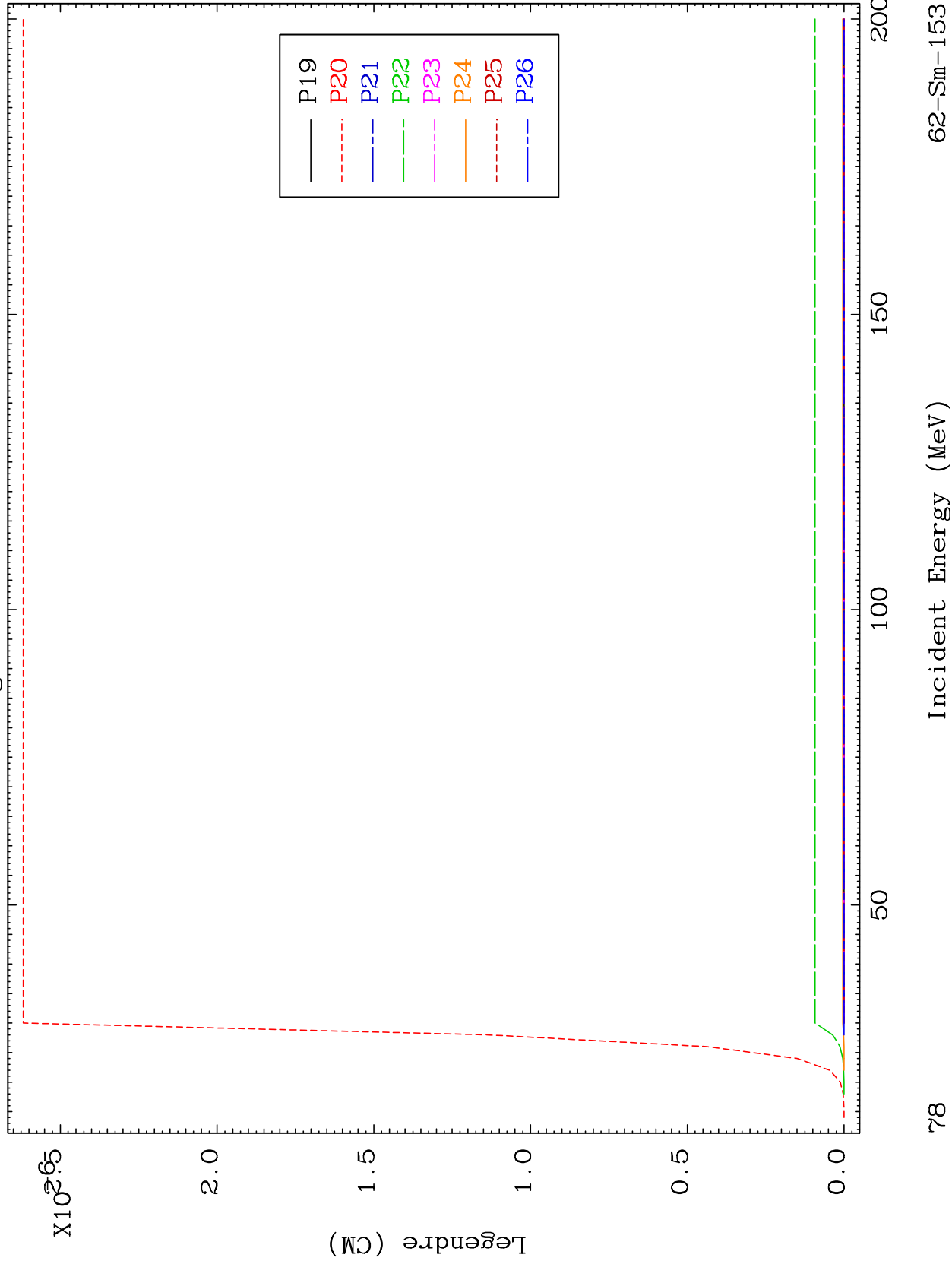
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



78

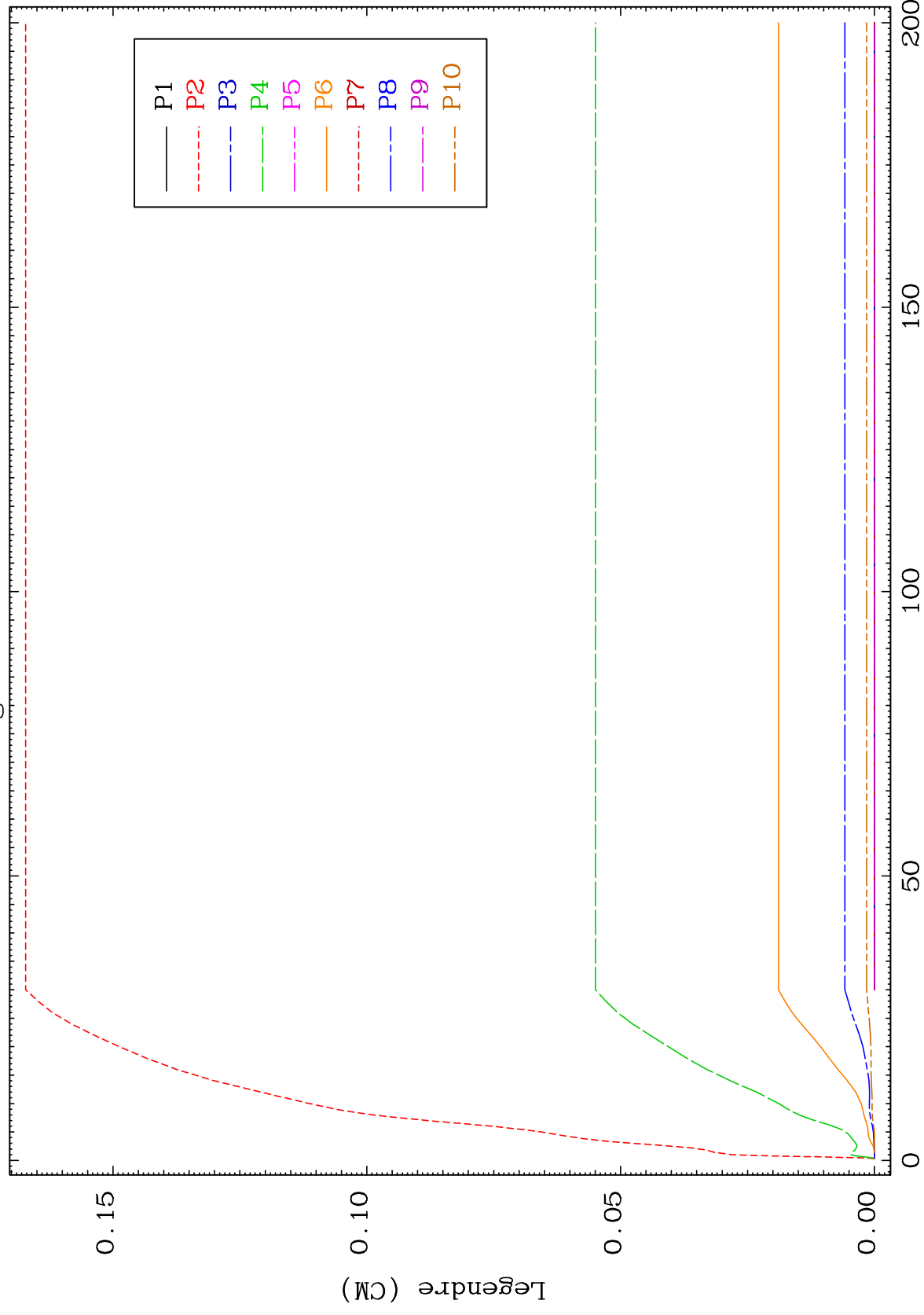
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



79

Incident Energy (MeV)

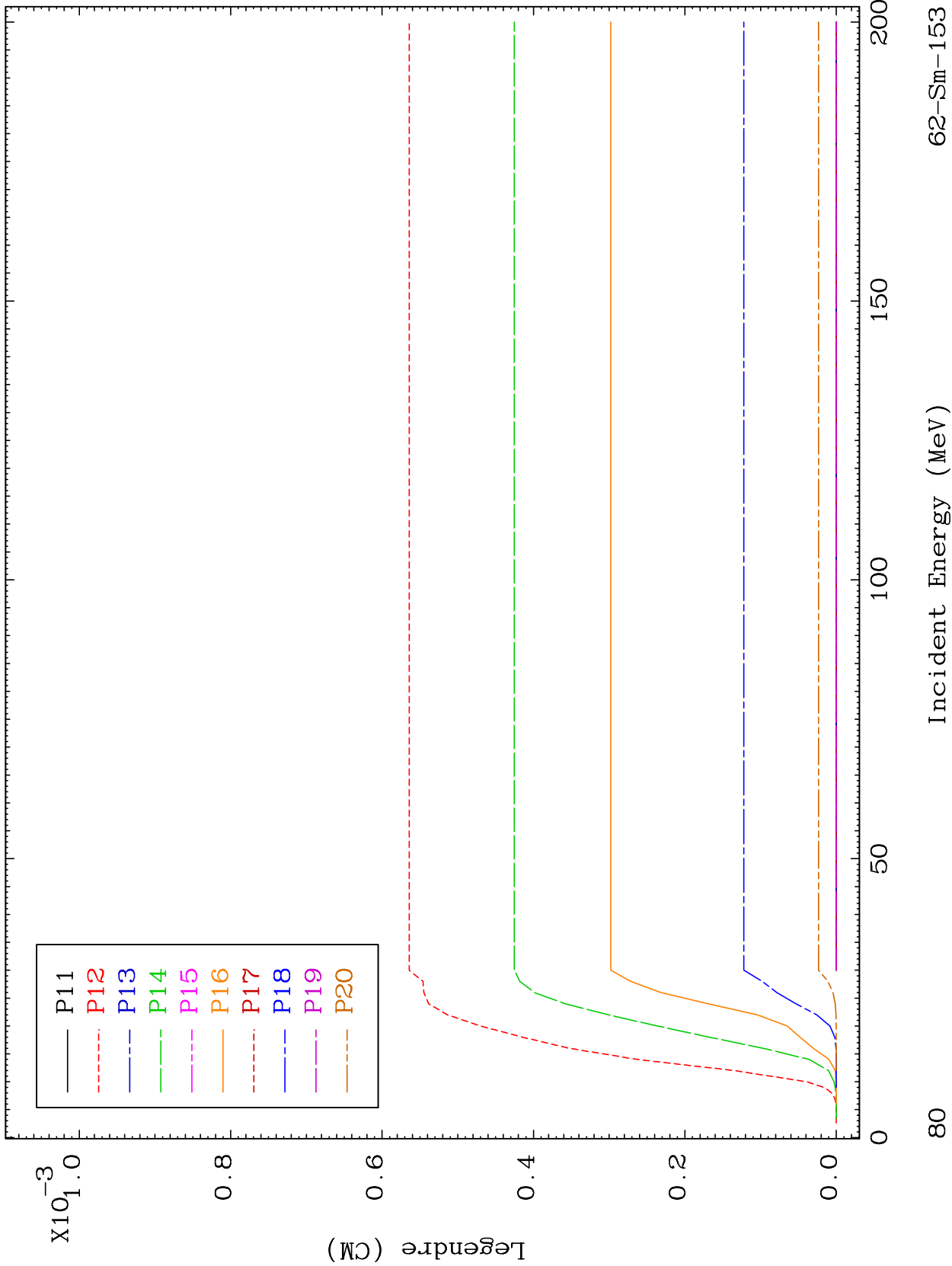
62-Sm-153



MAT 6252

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

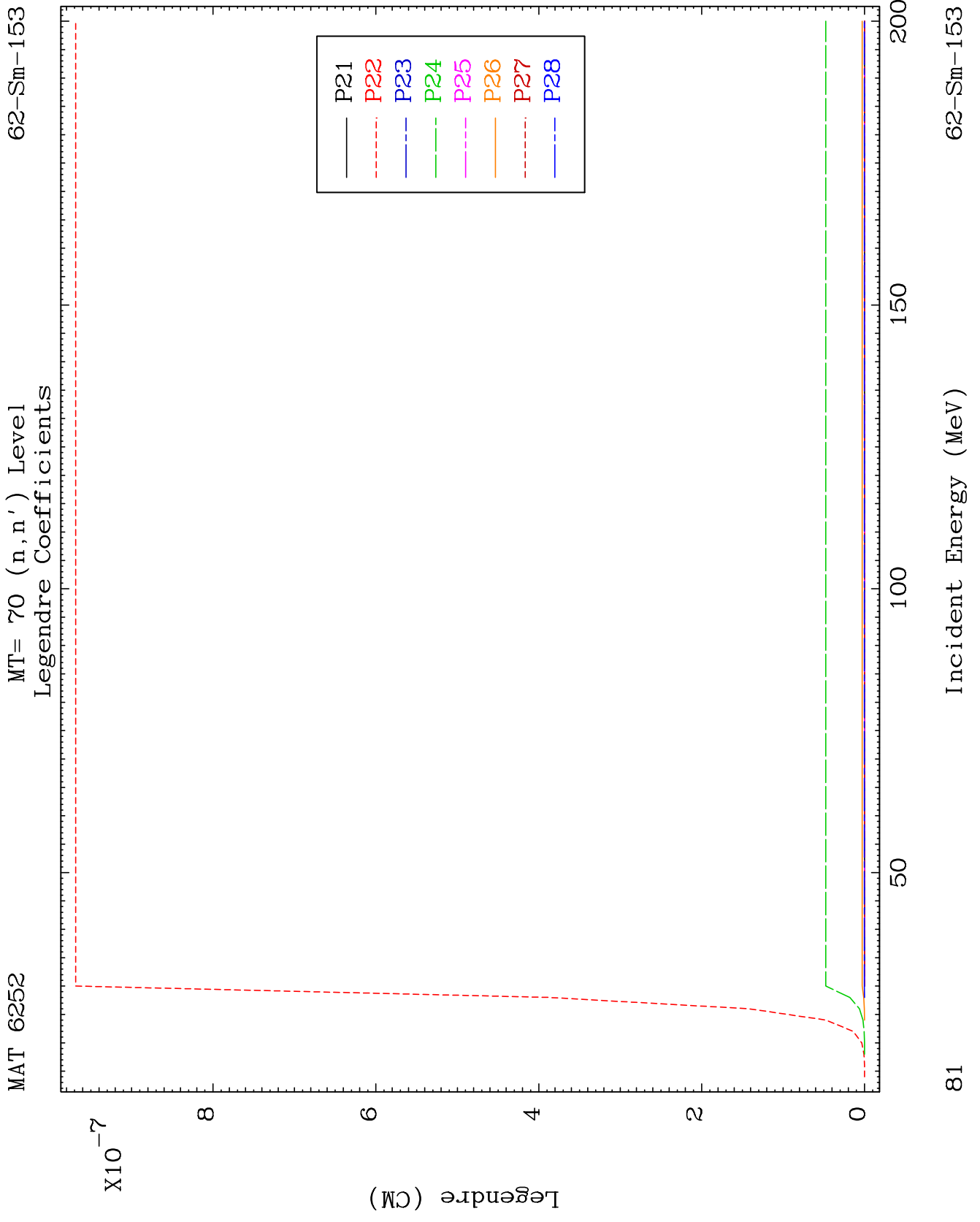
62-Sm-153



62-Sm-153

Incident Energy (MeV)

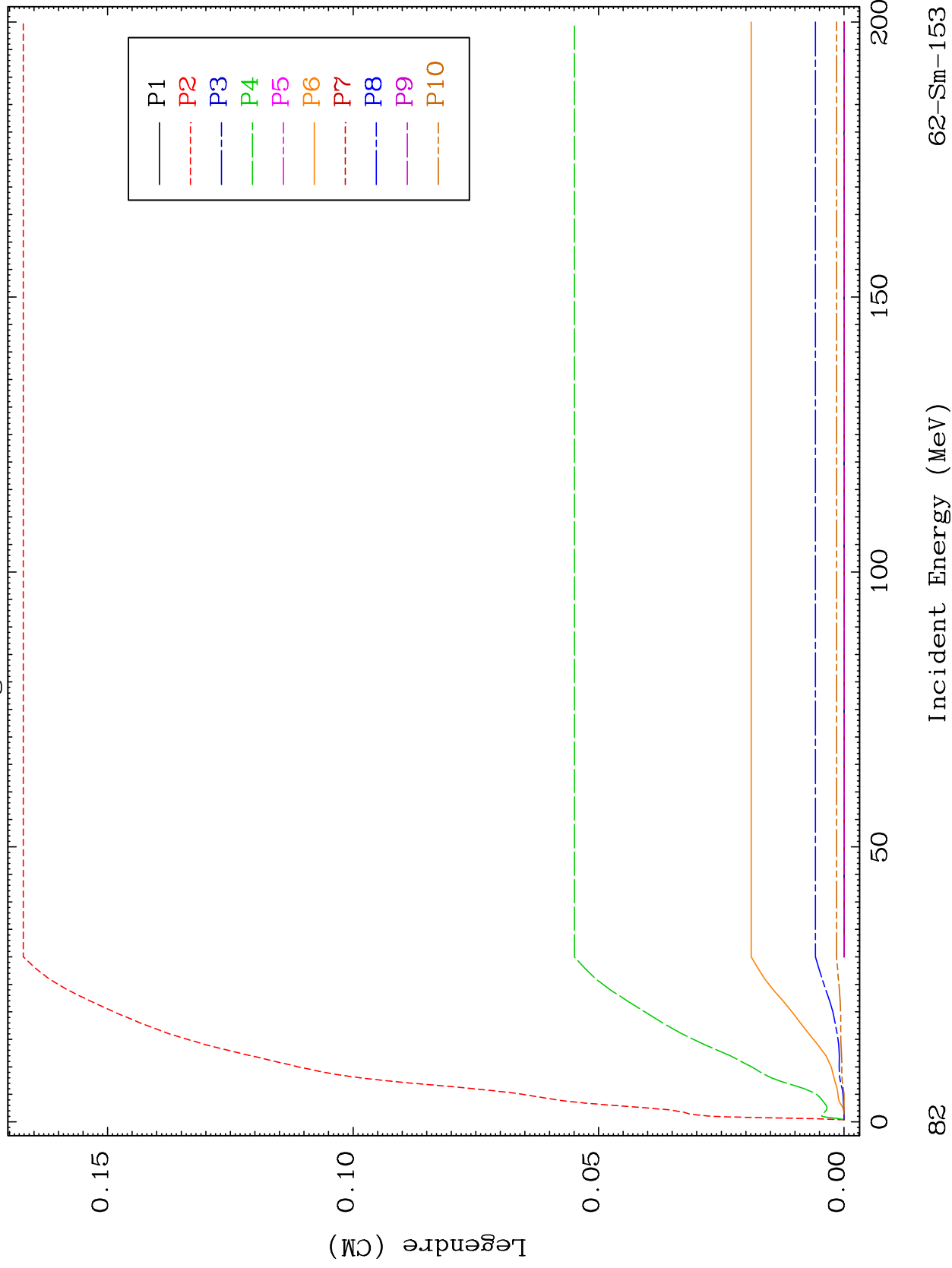
80



MAT 6252

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

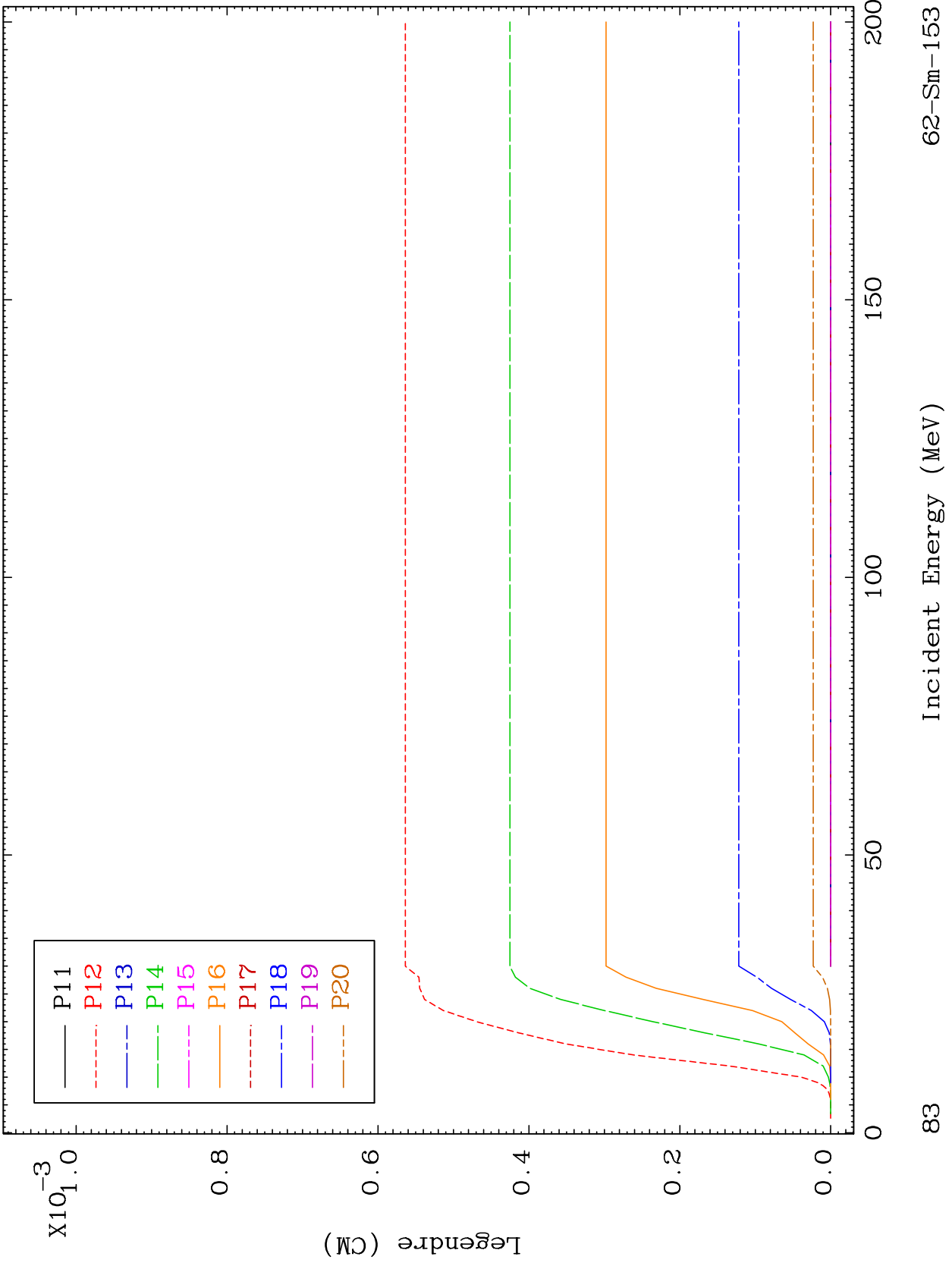
62-Sm-153



82

Incident Energy (MeV)

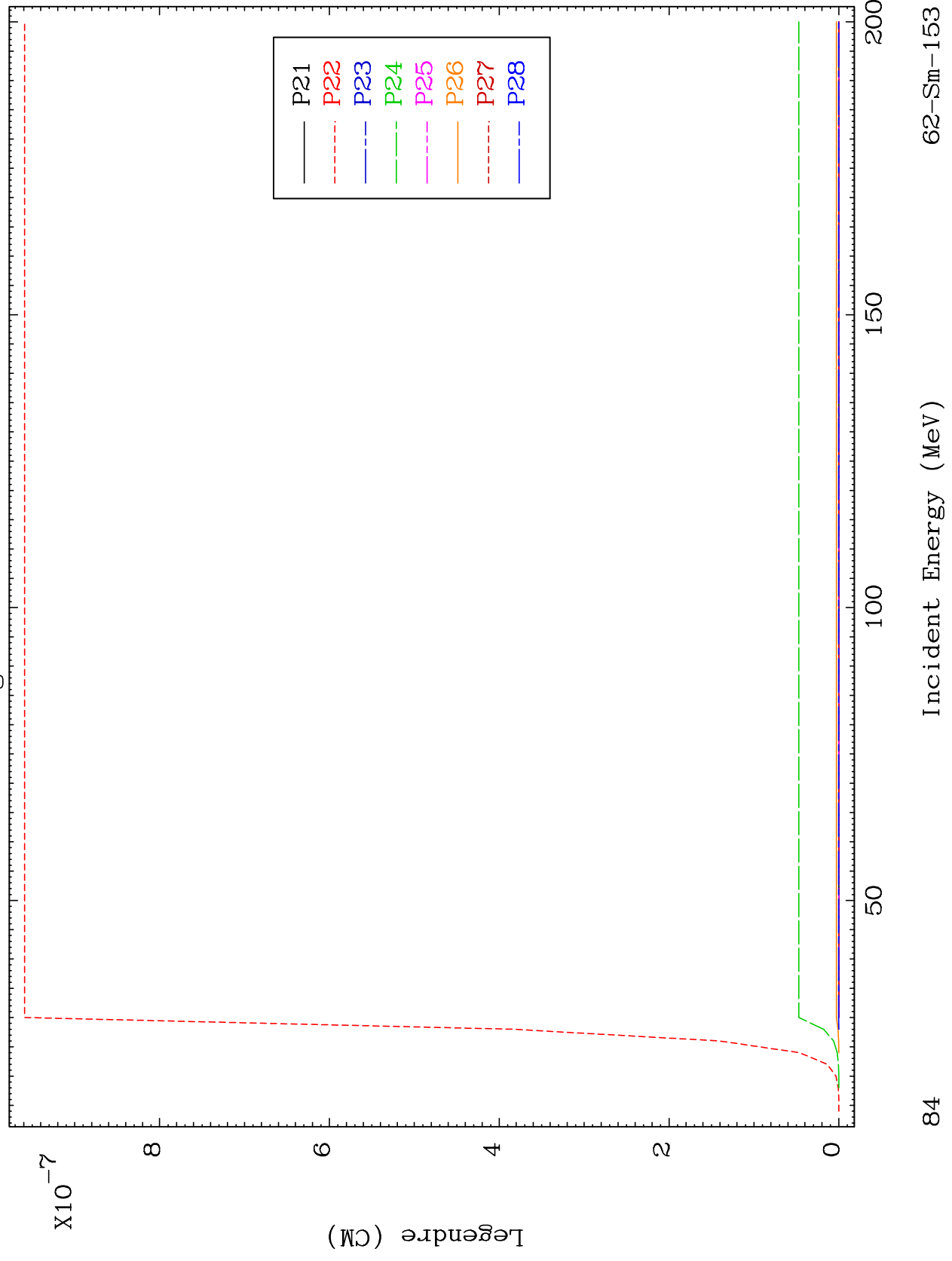
62-Sm-153



MAT 6252

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

62-Sm-153



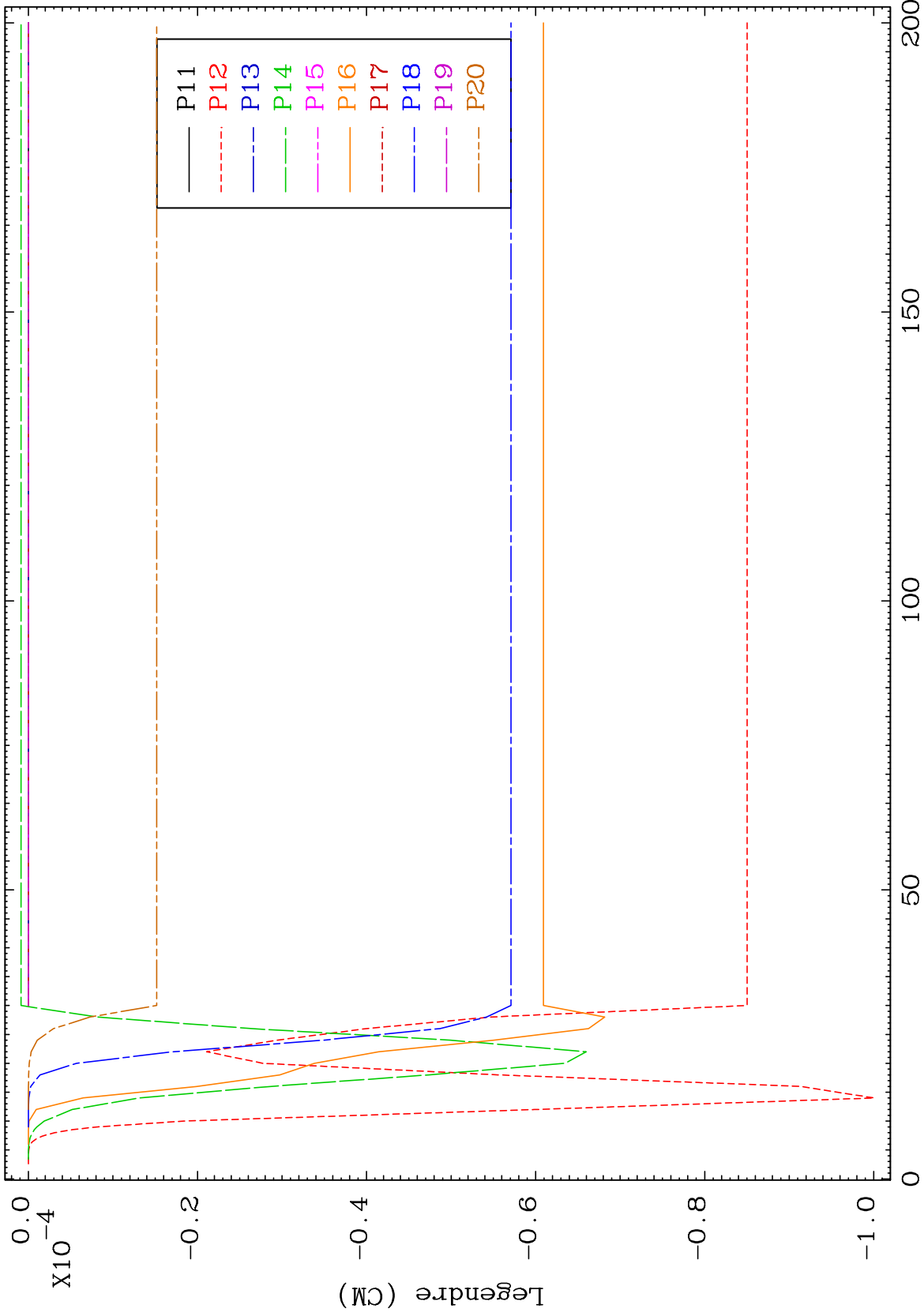
84



MAT 6252

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

62-Sm-153



86

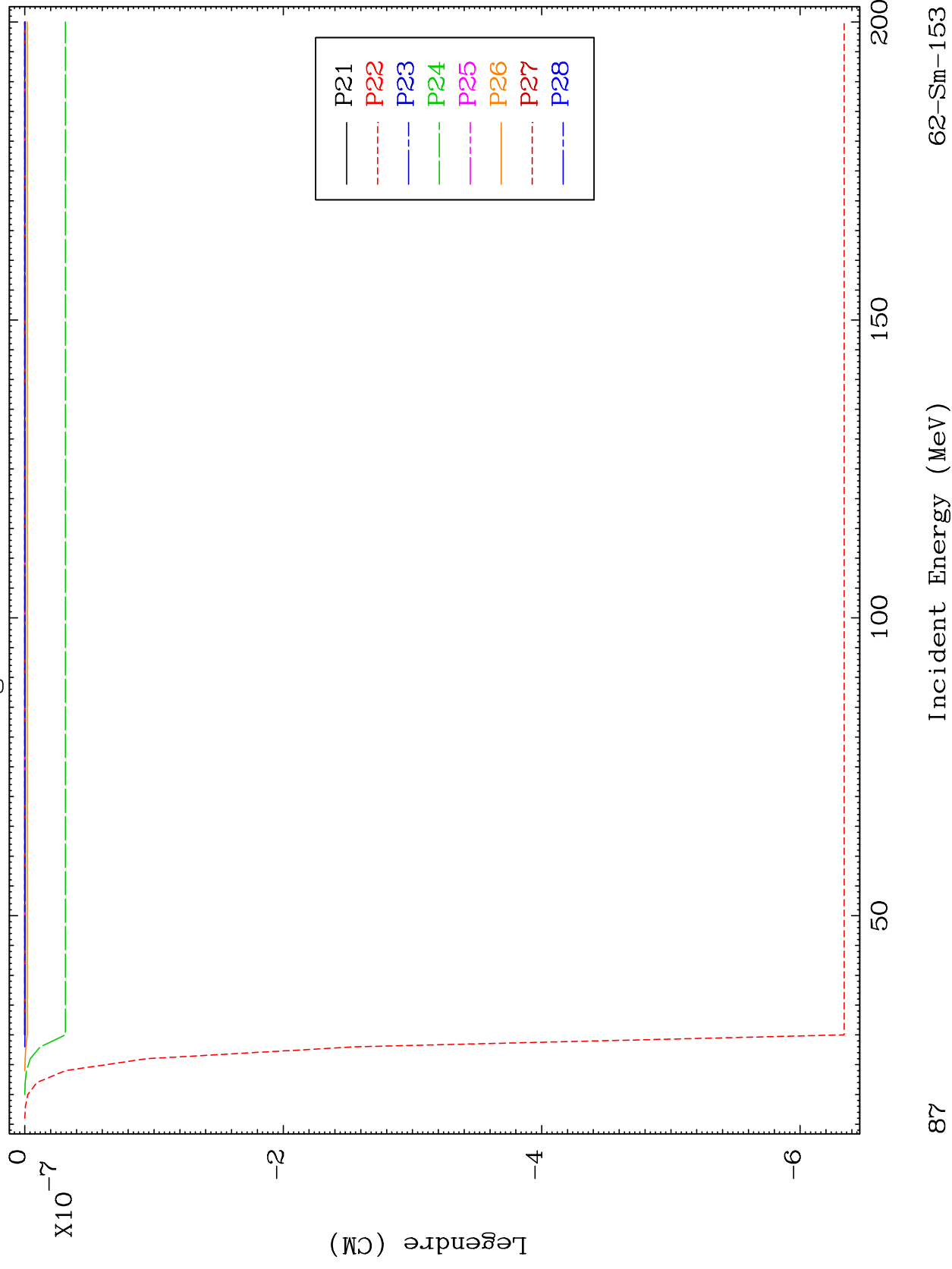
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

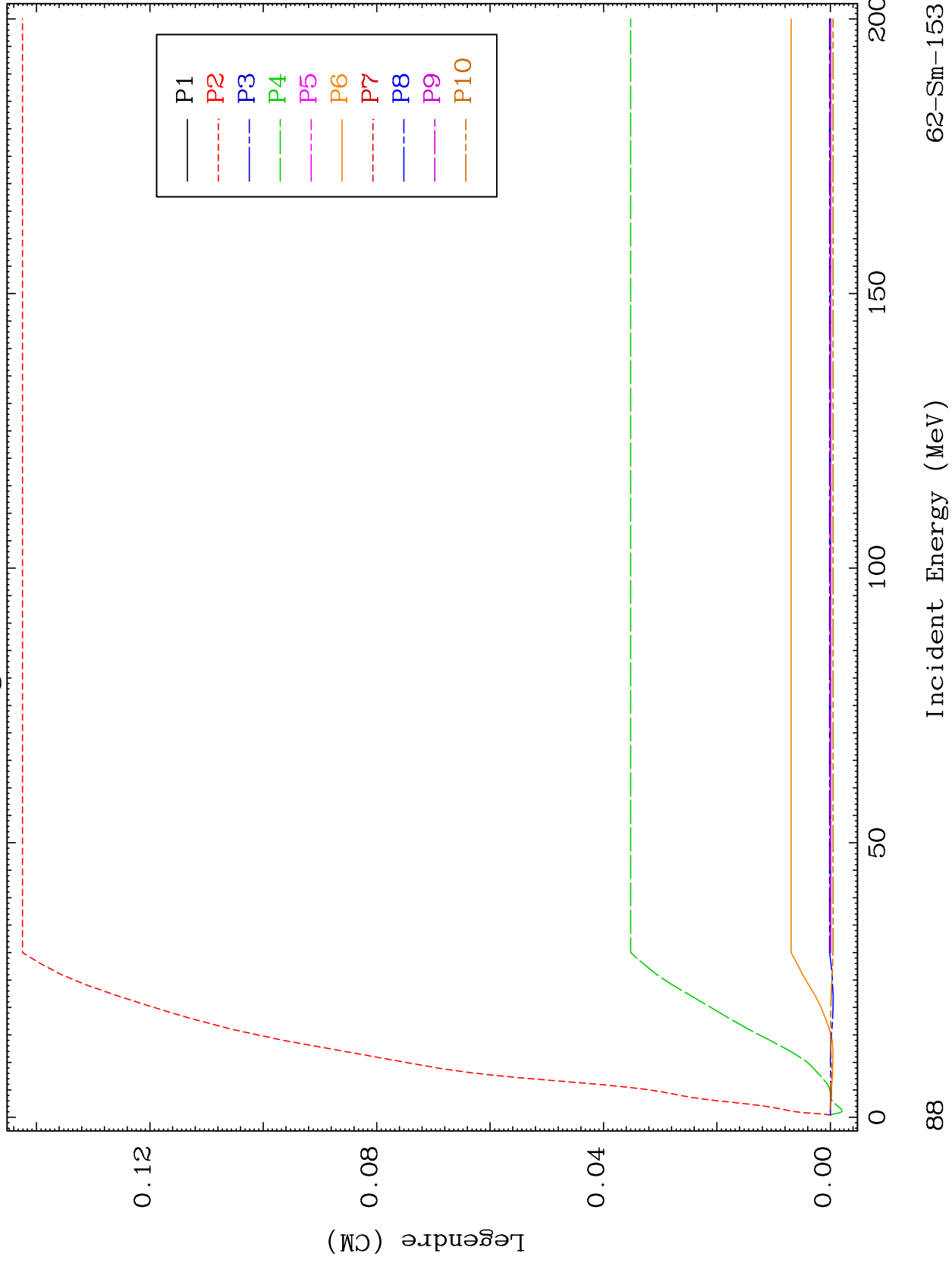




MAT 6252

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

62-Sm-153



88

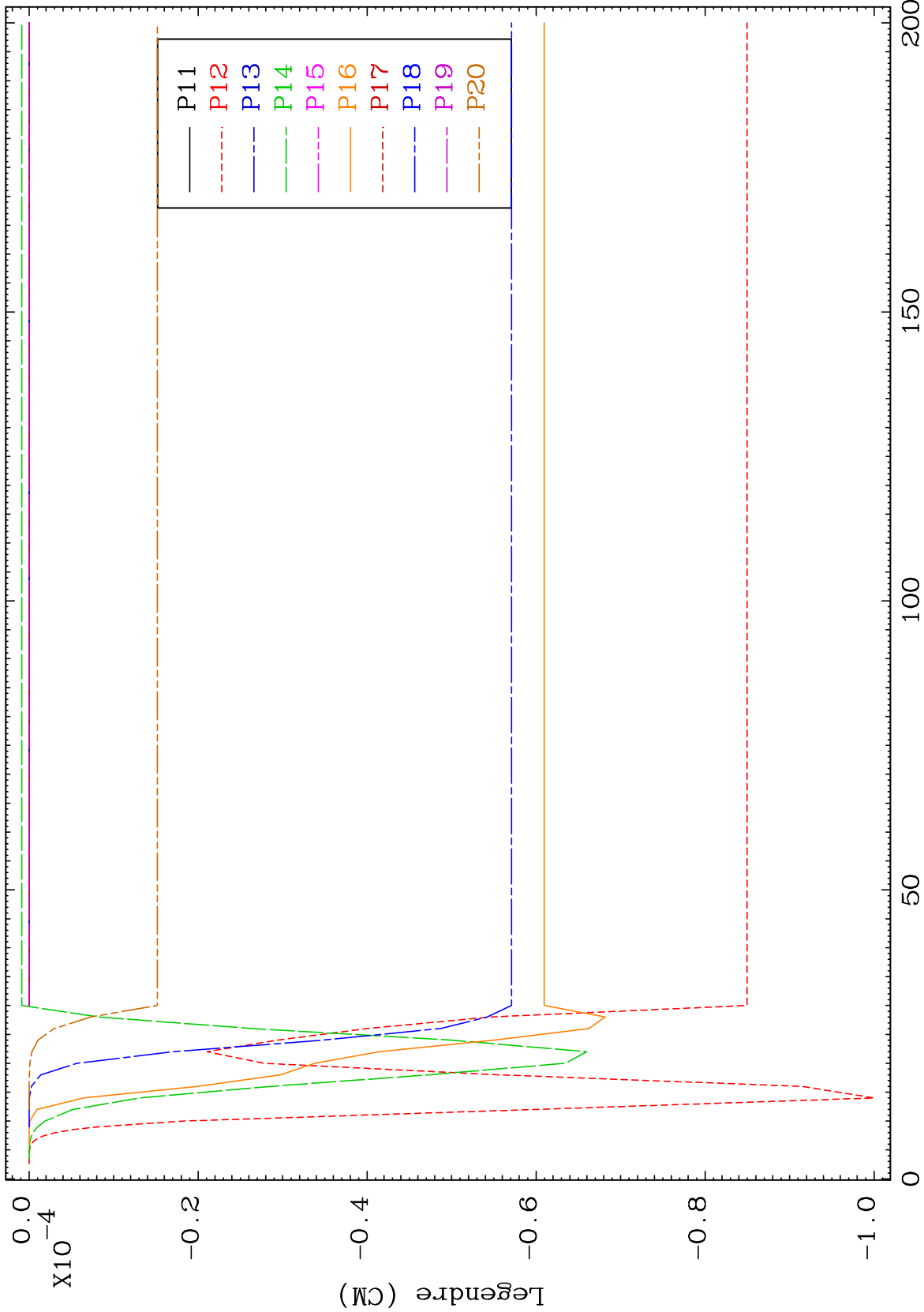
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



89

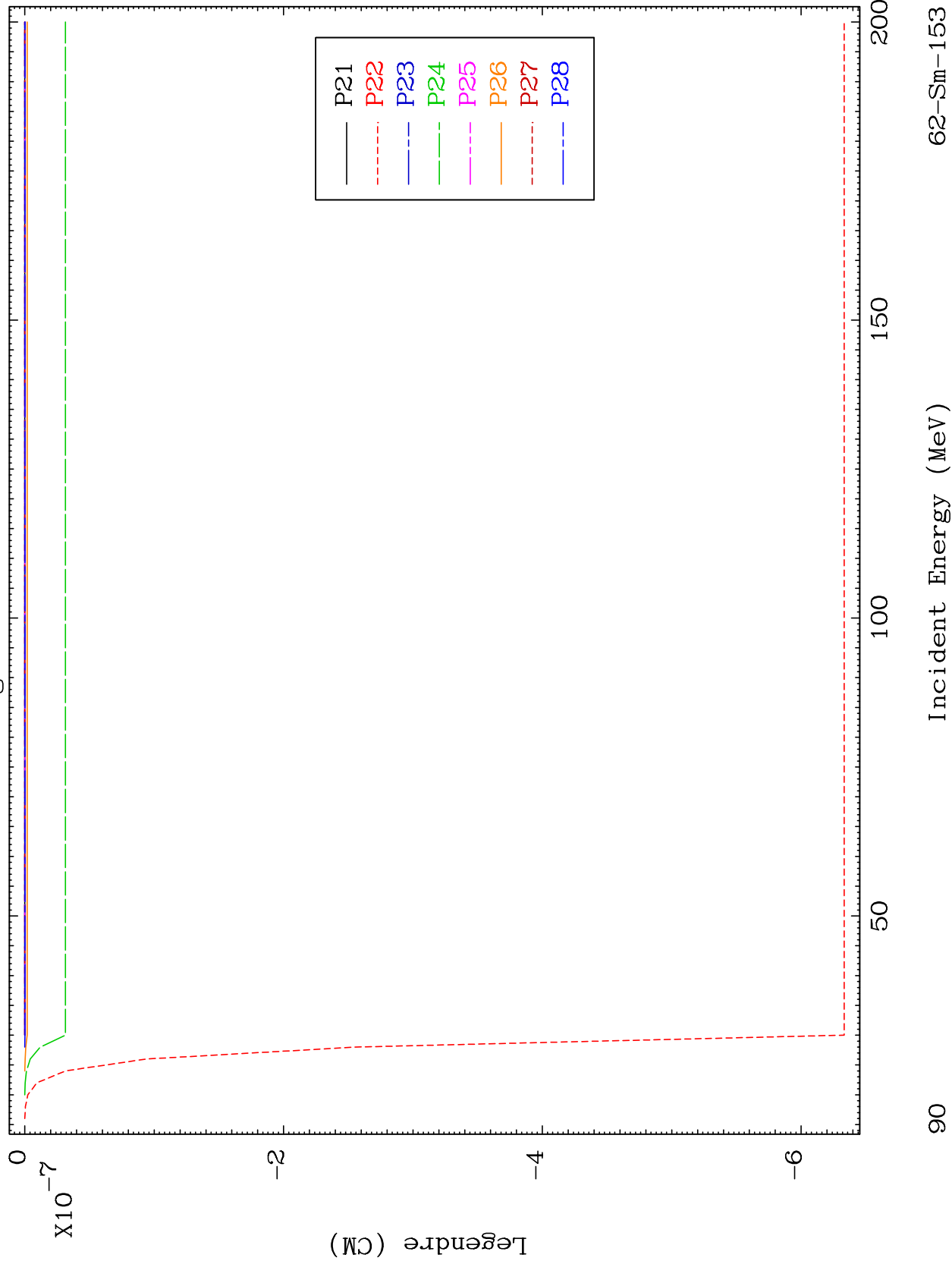
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

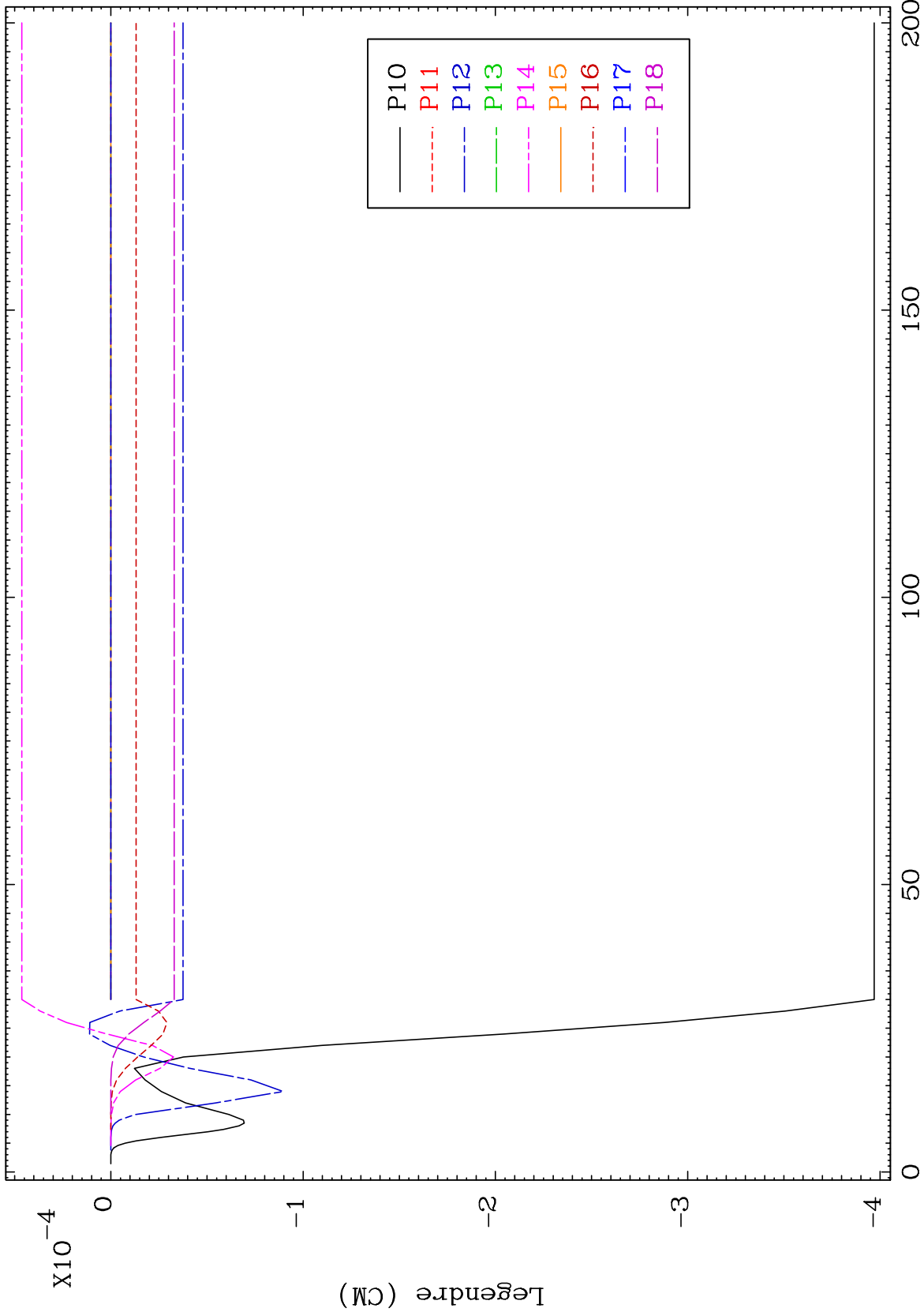
90



MAT 6252

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

62-Sm-153



92

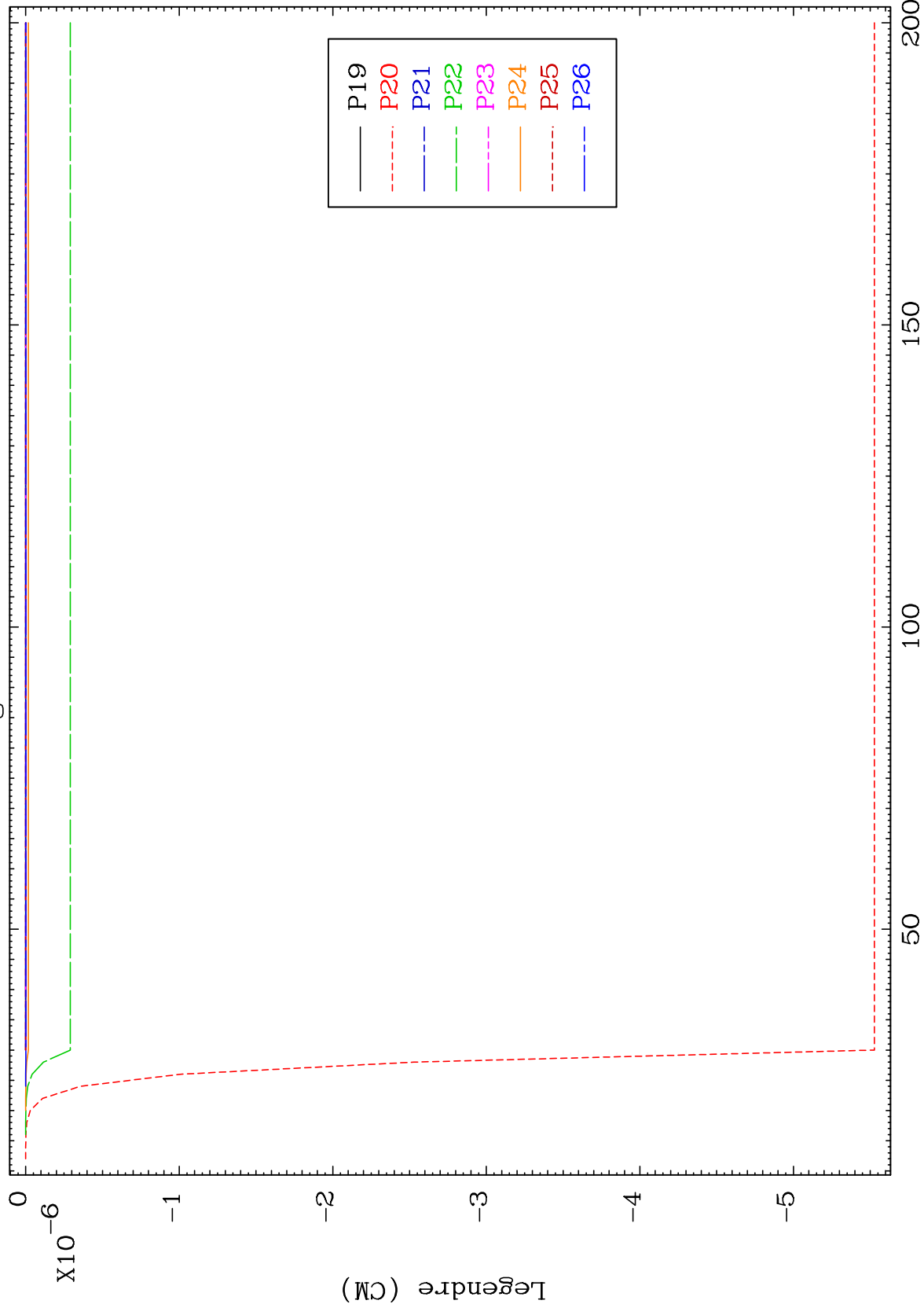
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



93

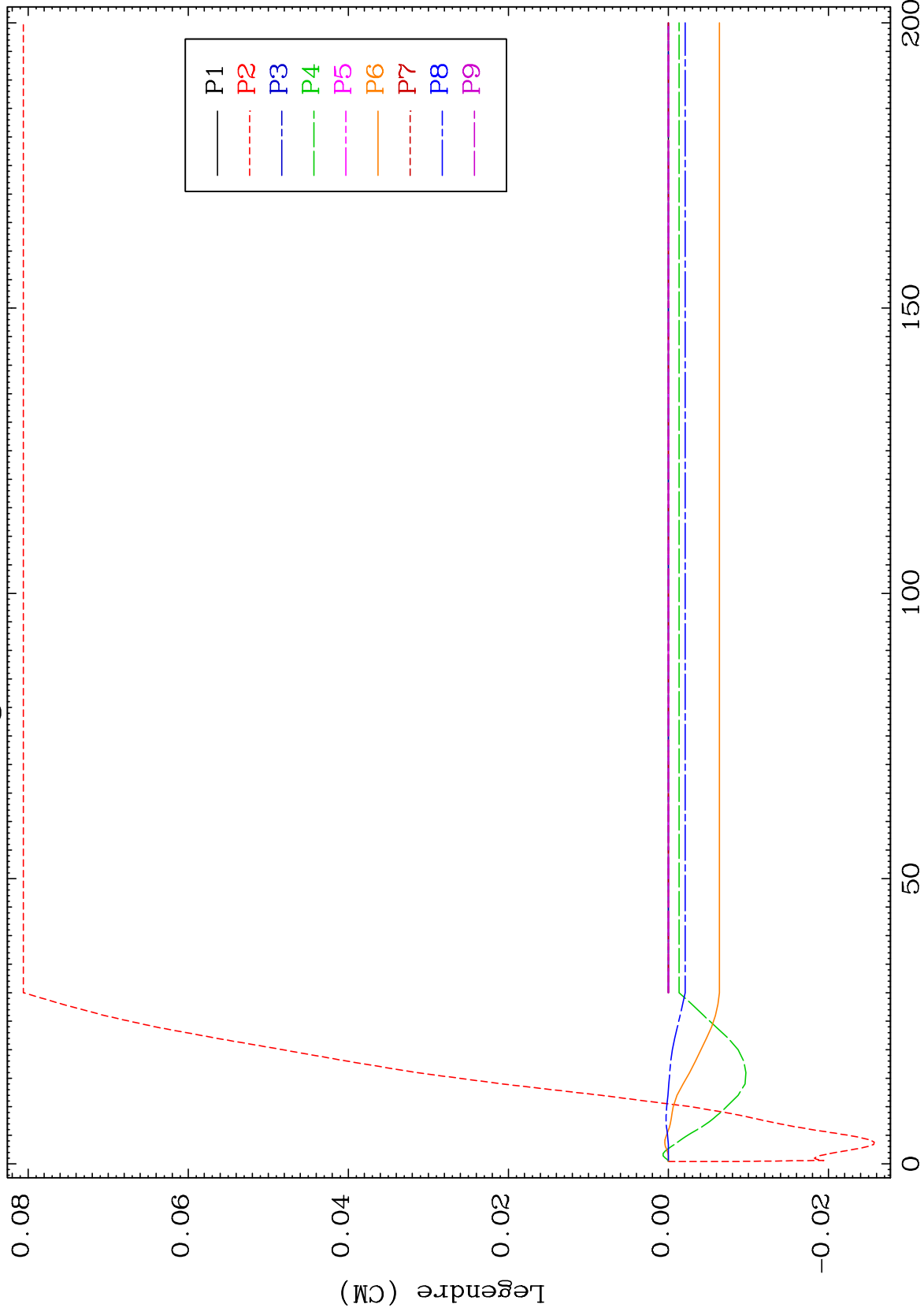
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



94

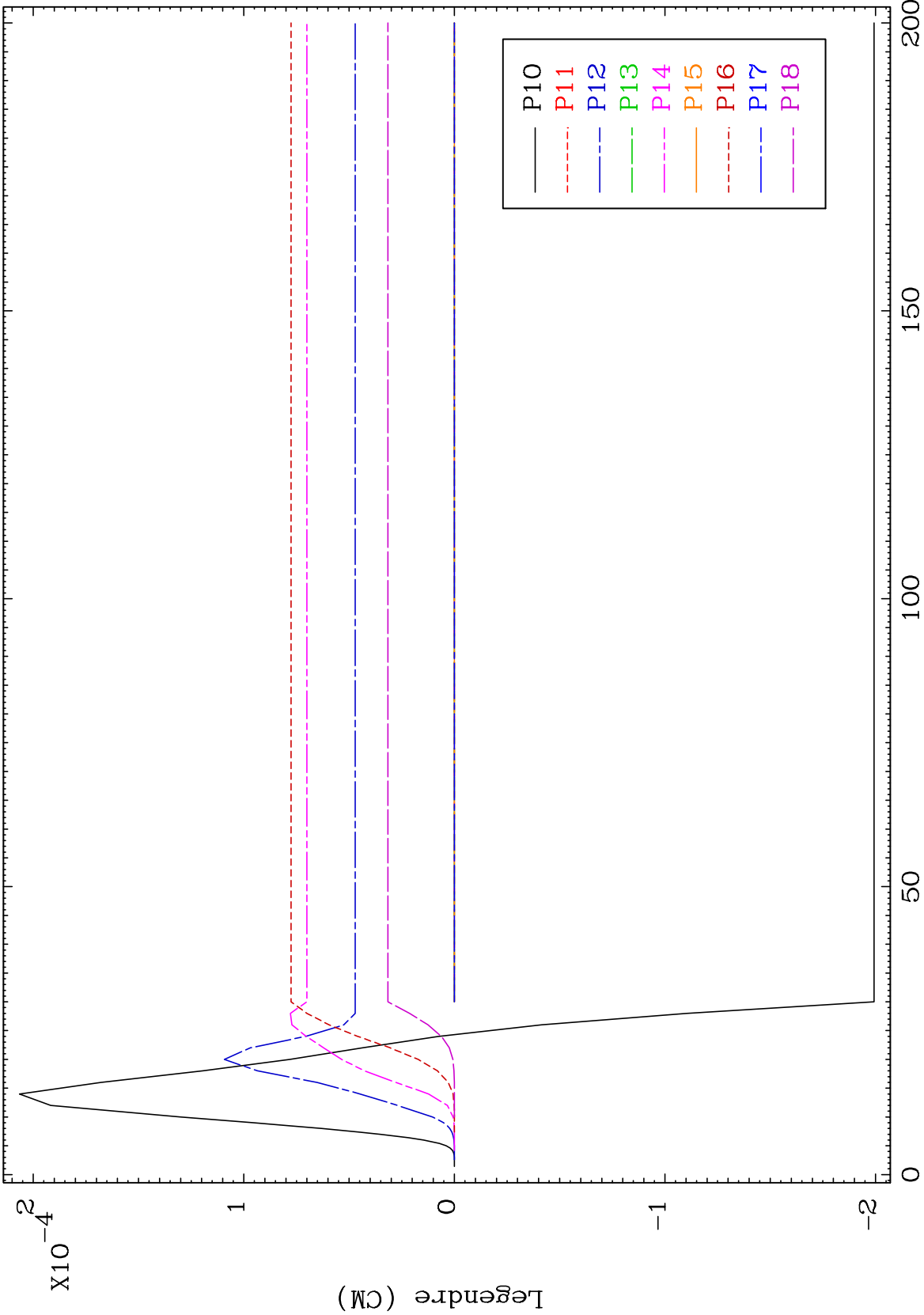
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



95

Incident Energy (MeV)

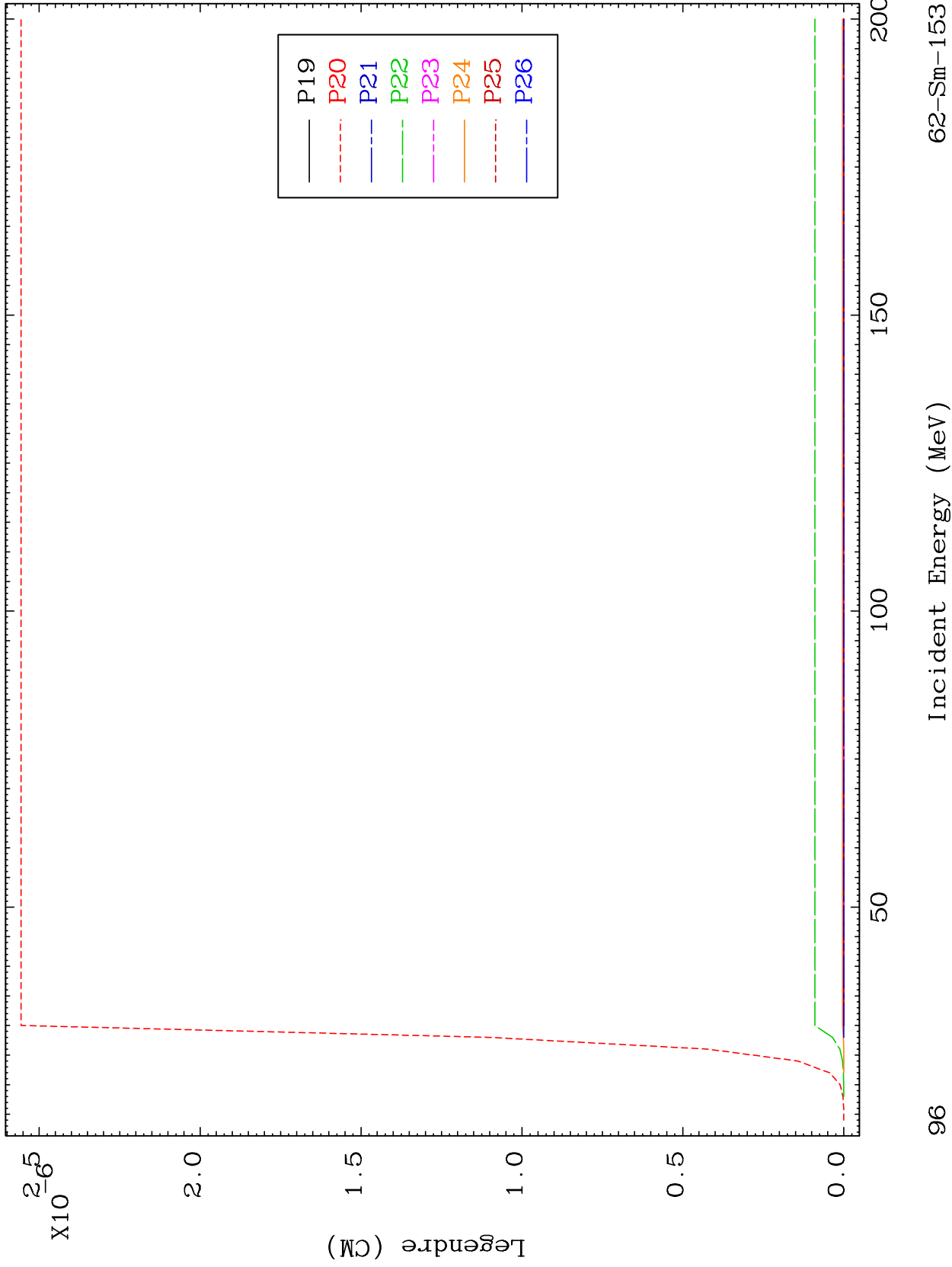
62-Sm-153



MAT 6252

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

62-Sm-153

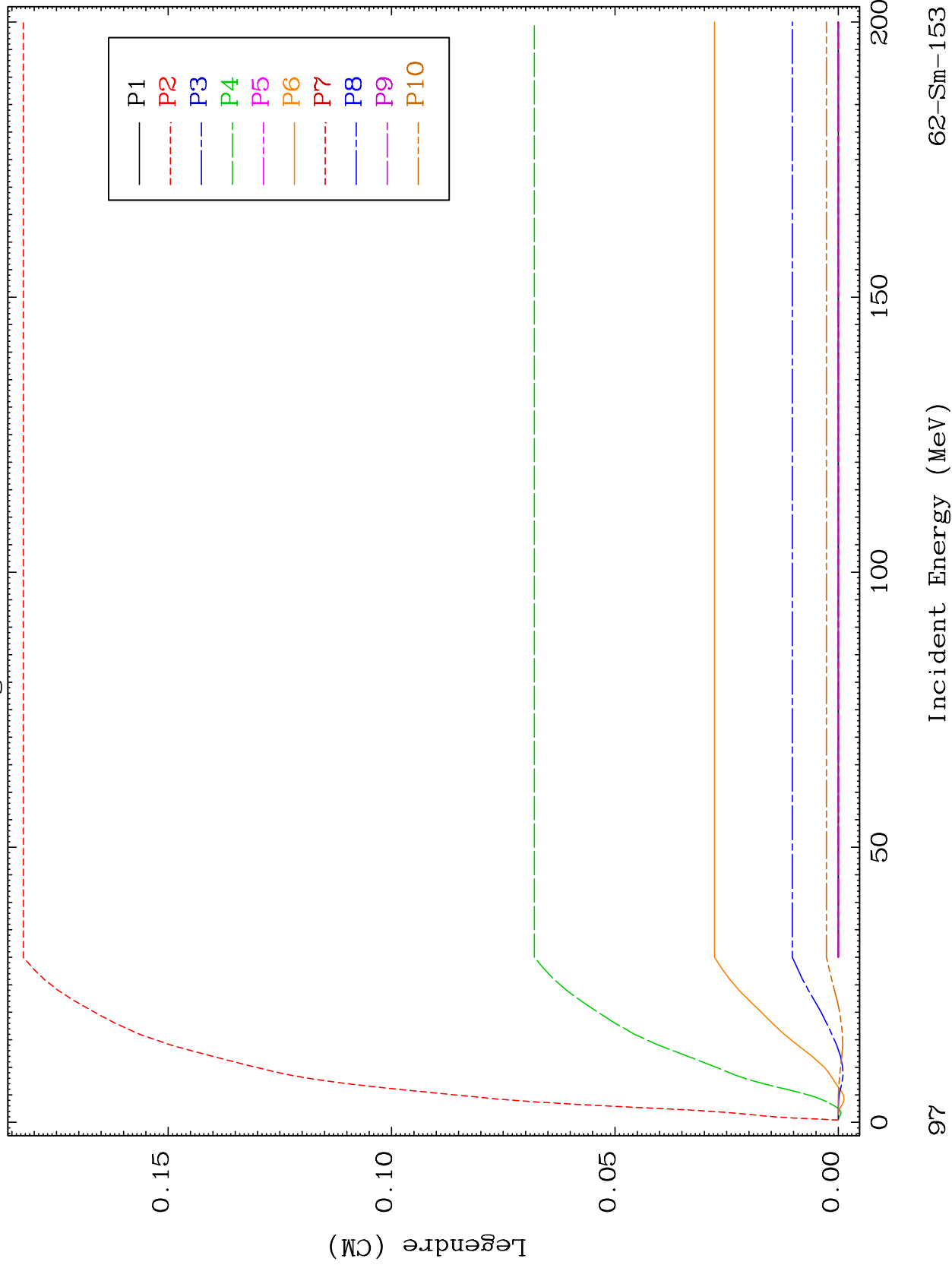


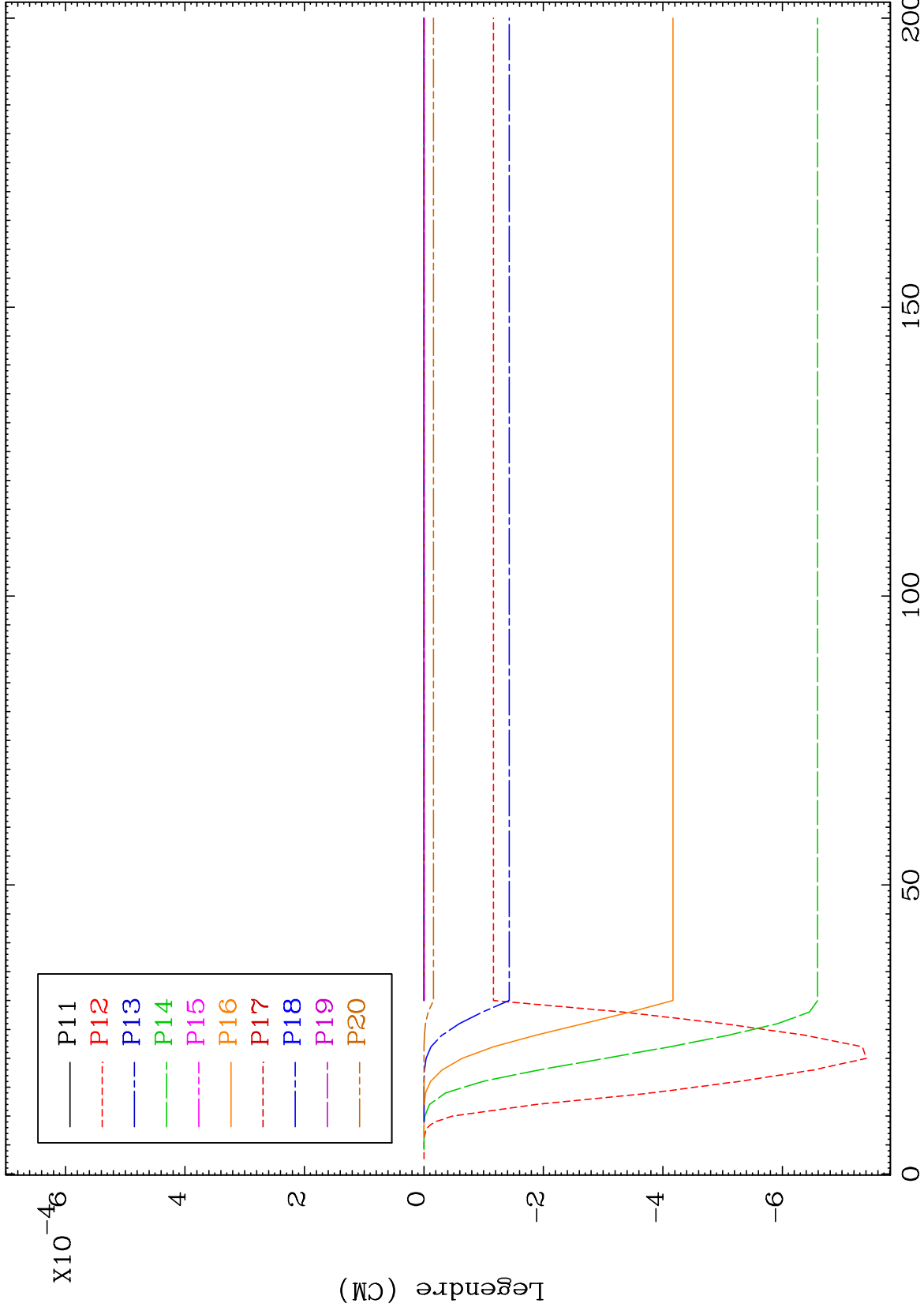
96

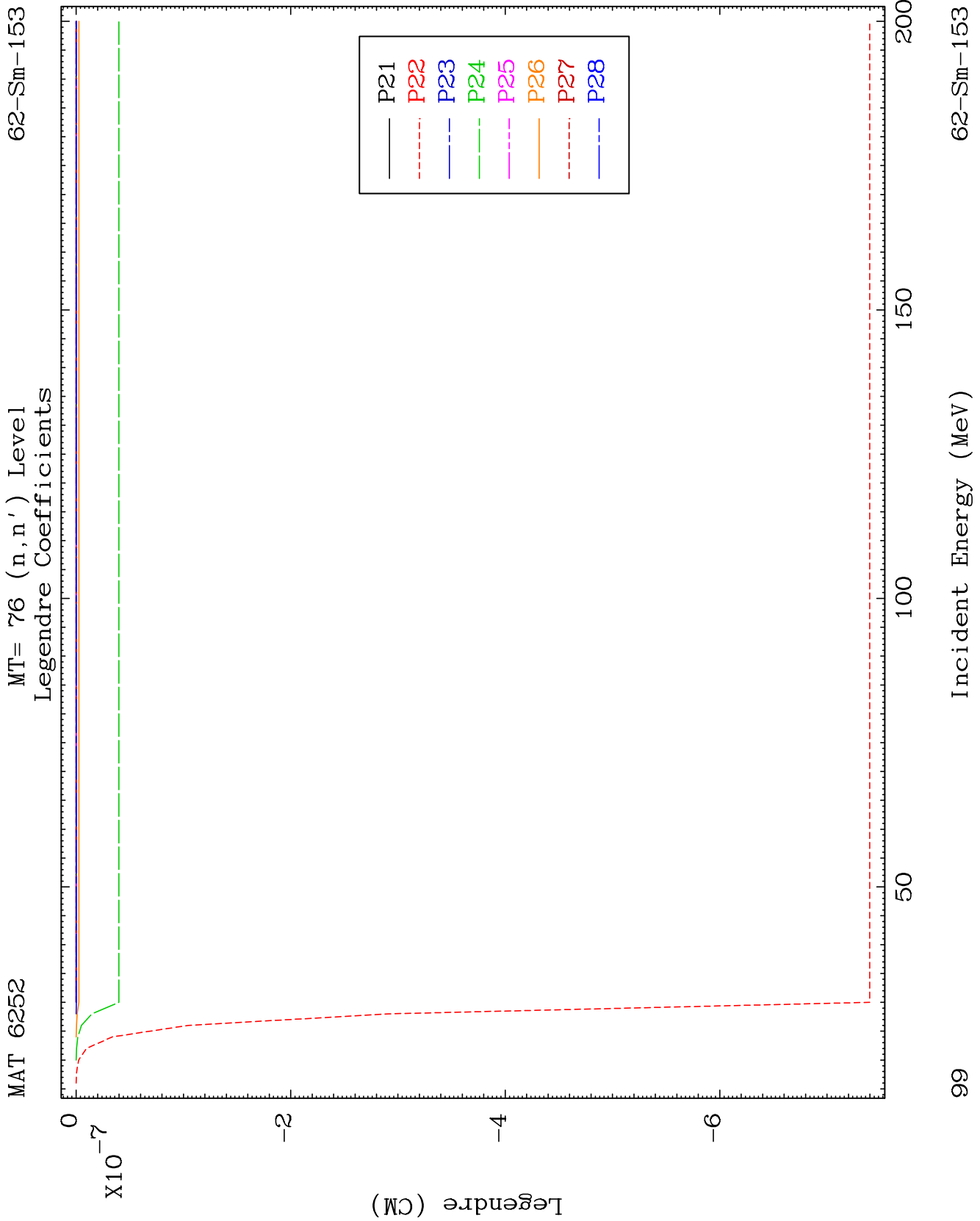
MAT 6252

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

62-Sm-153



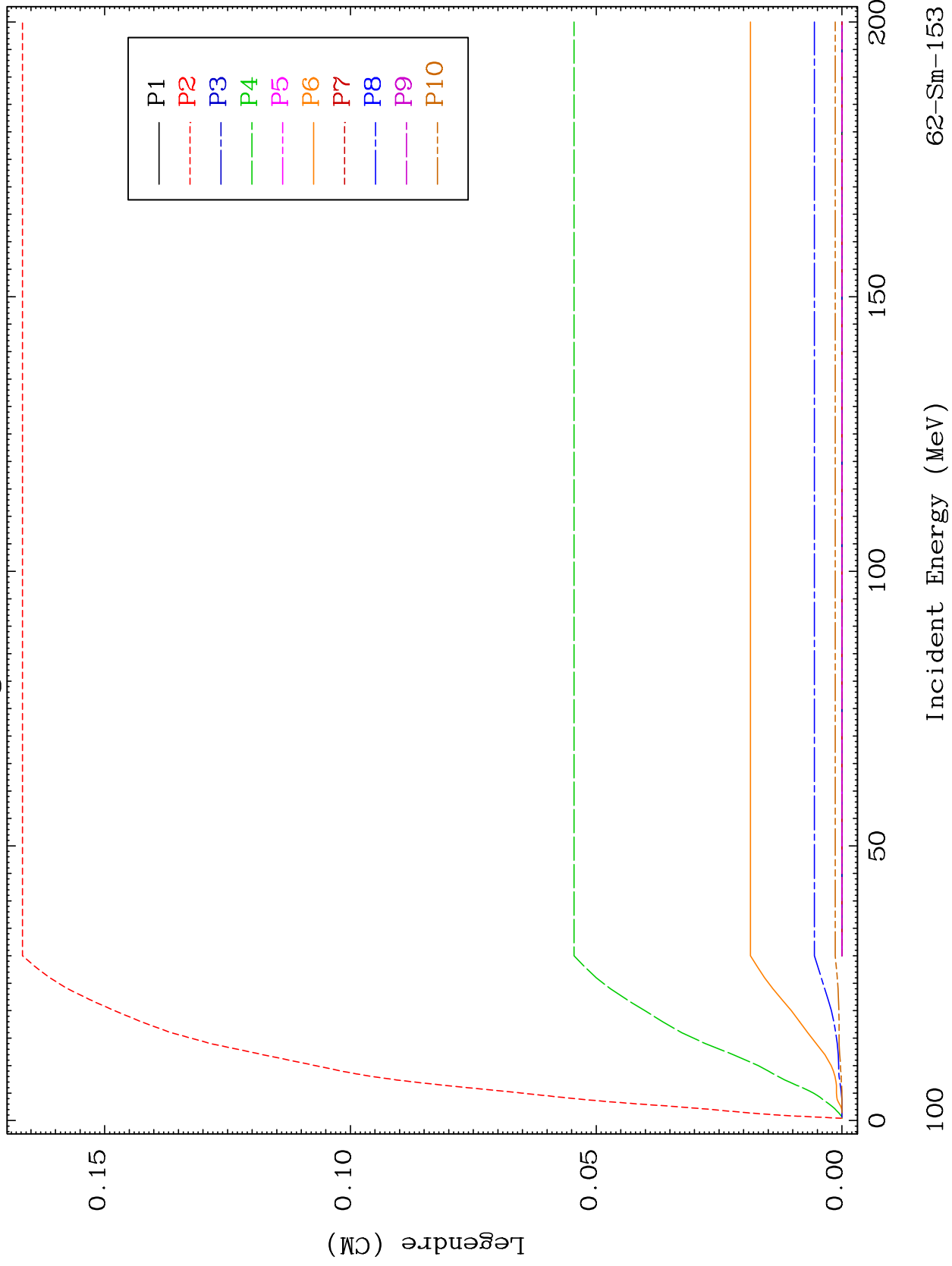




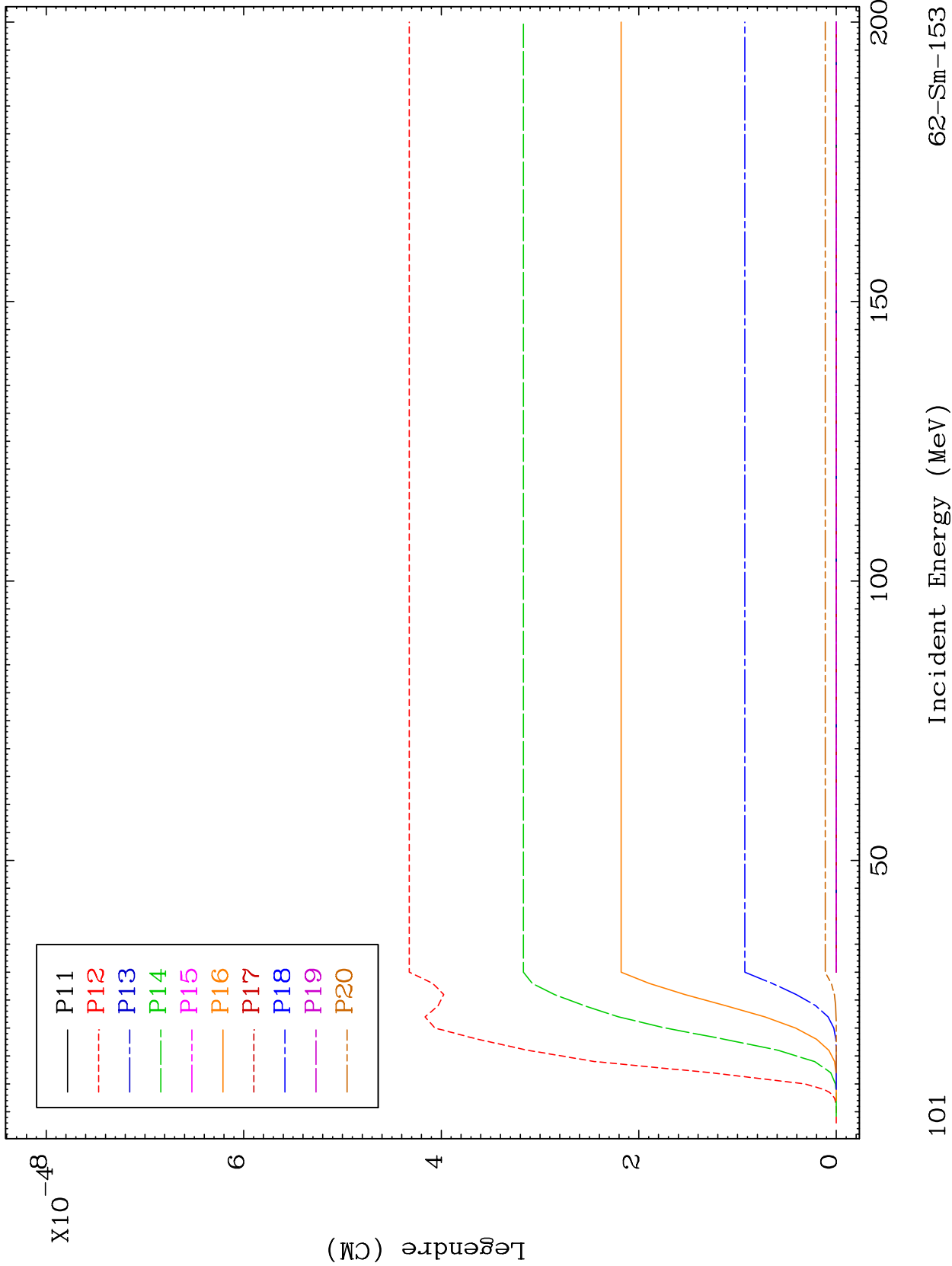
MAT 6252

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

62-Sm-153



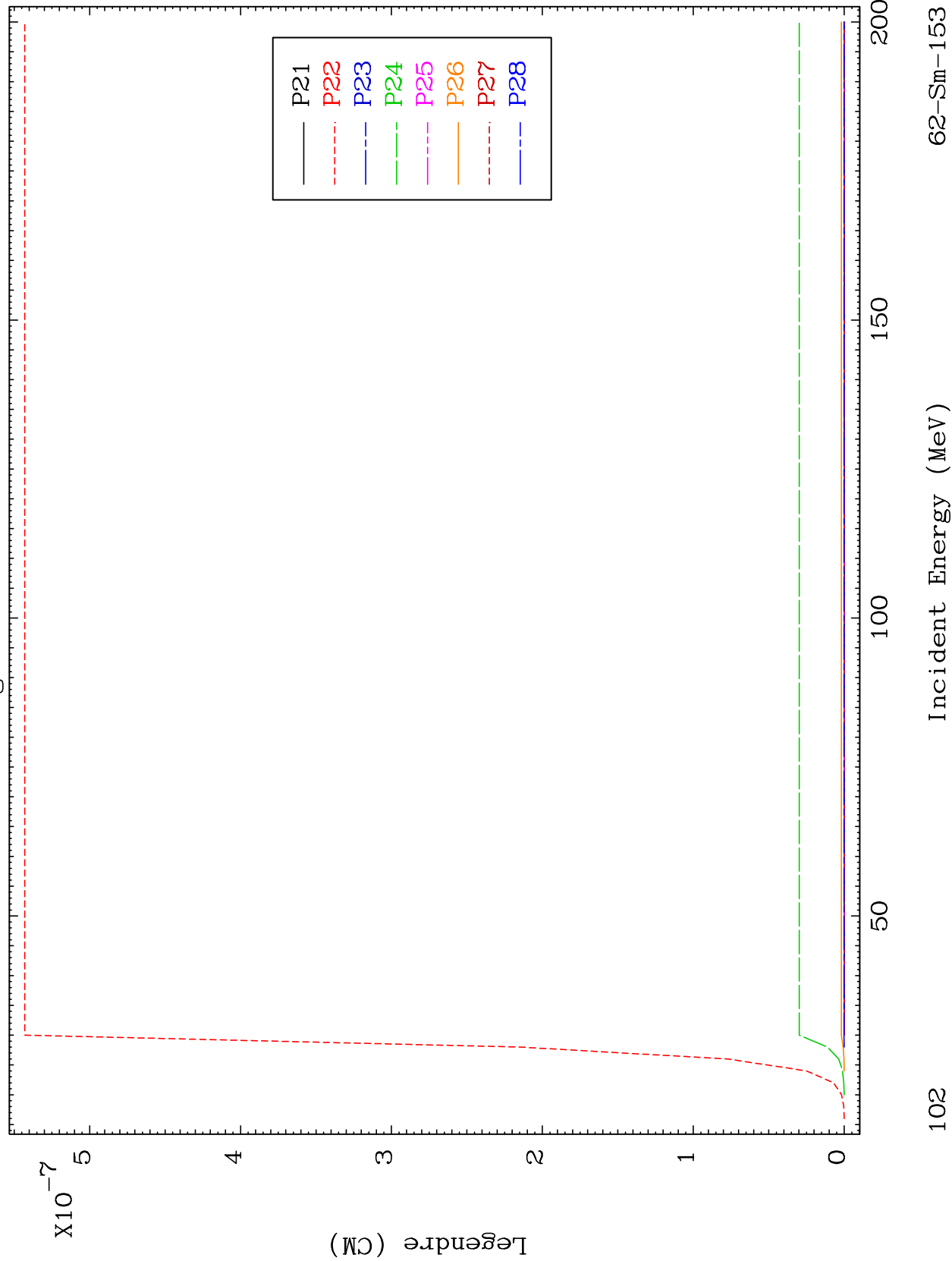
62-Sm-153



MAT 6252

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

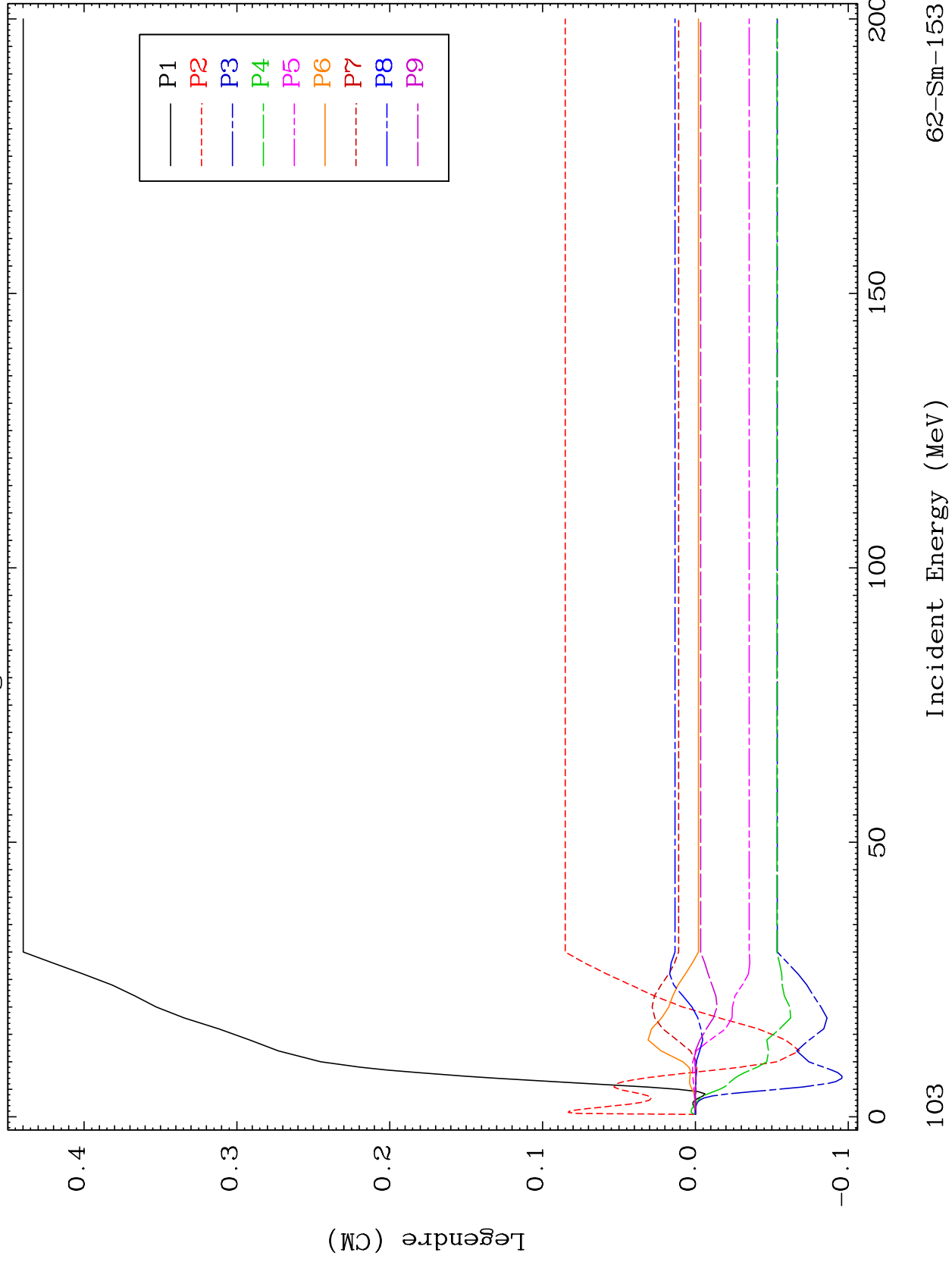
62-Sm-153



MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

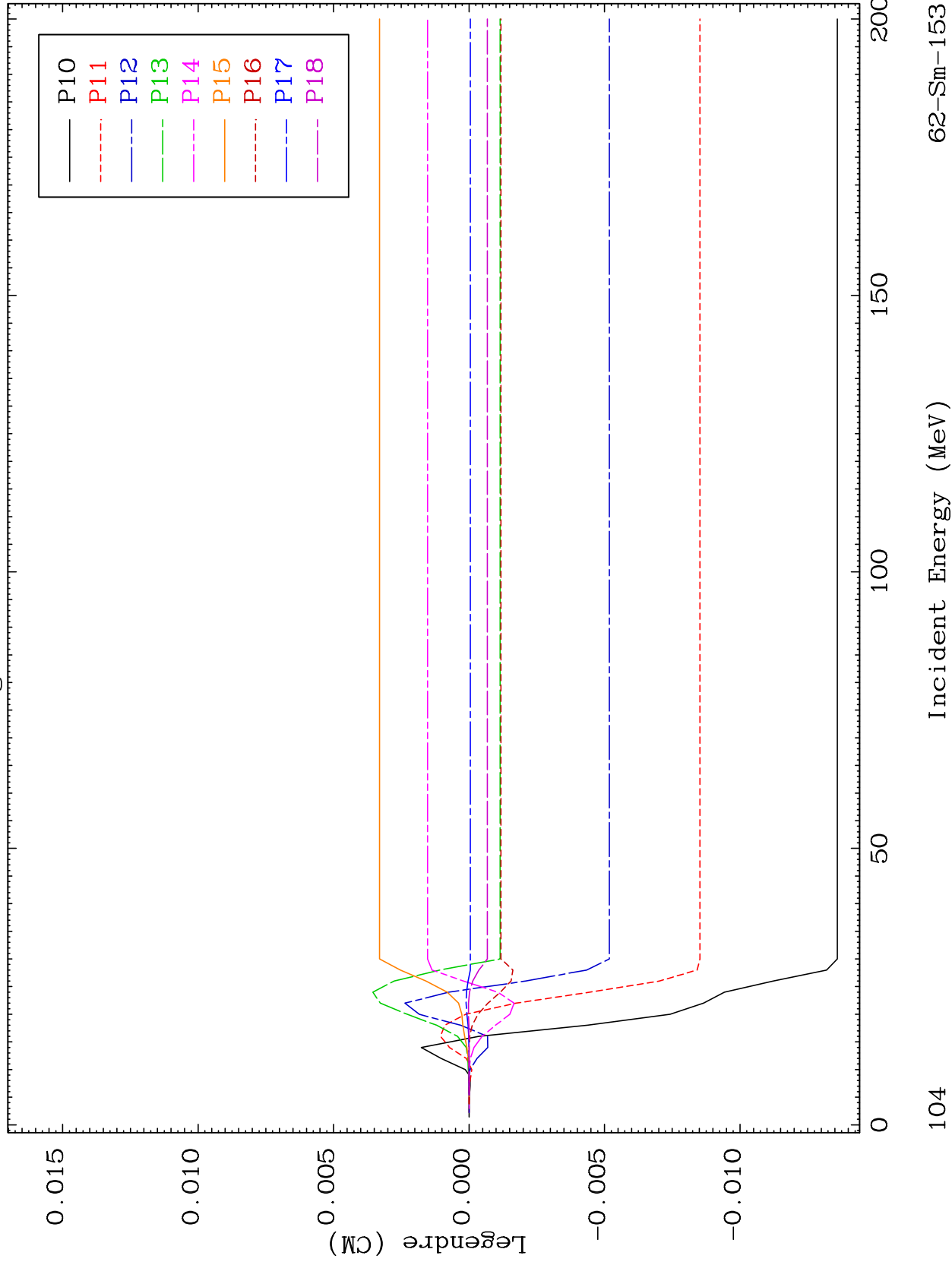
103



MAT 6252

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

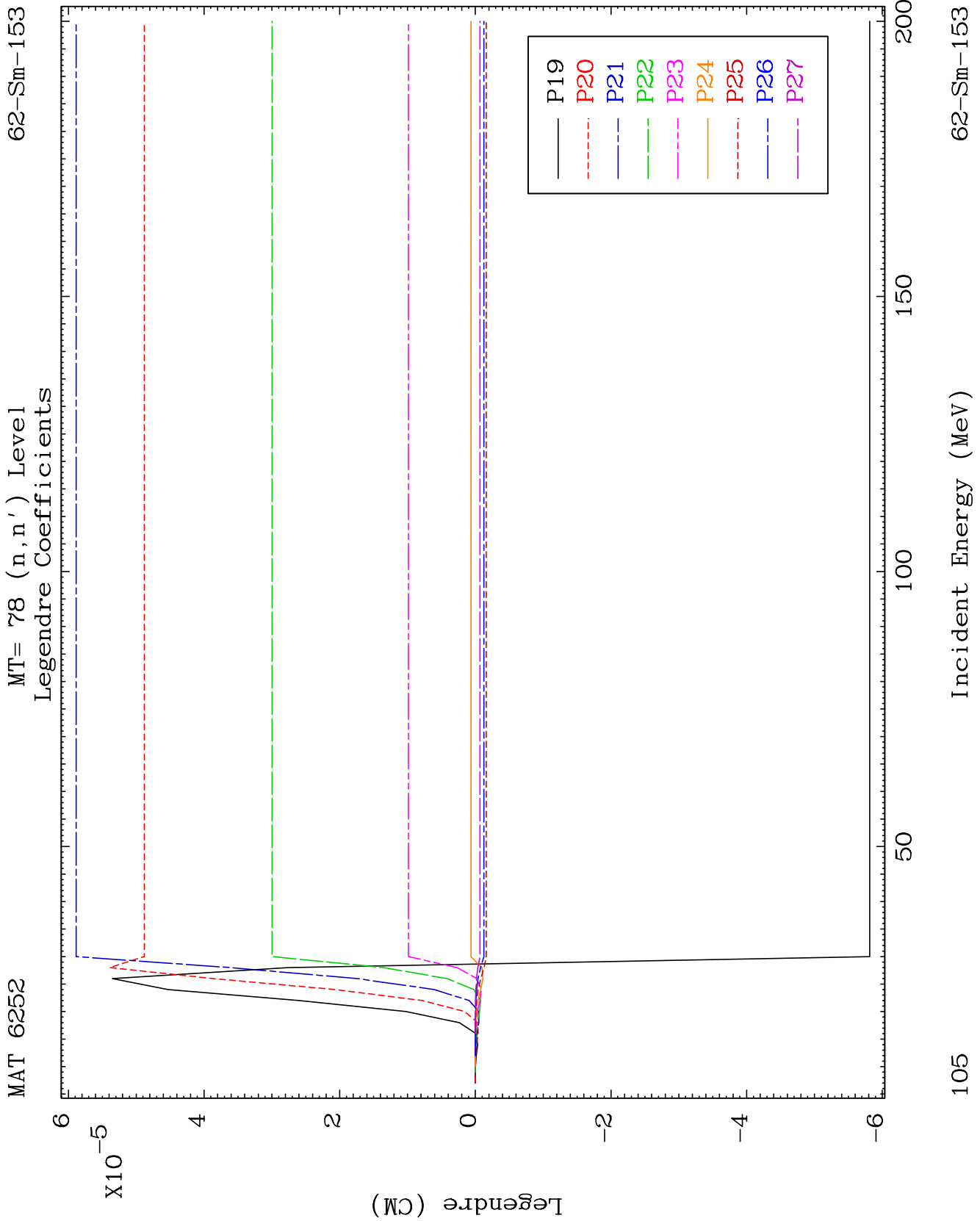
62-Sm-153

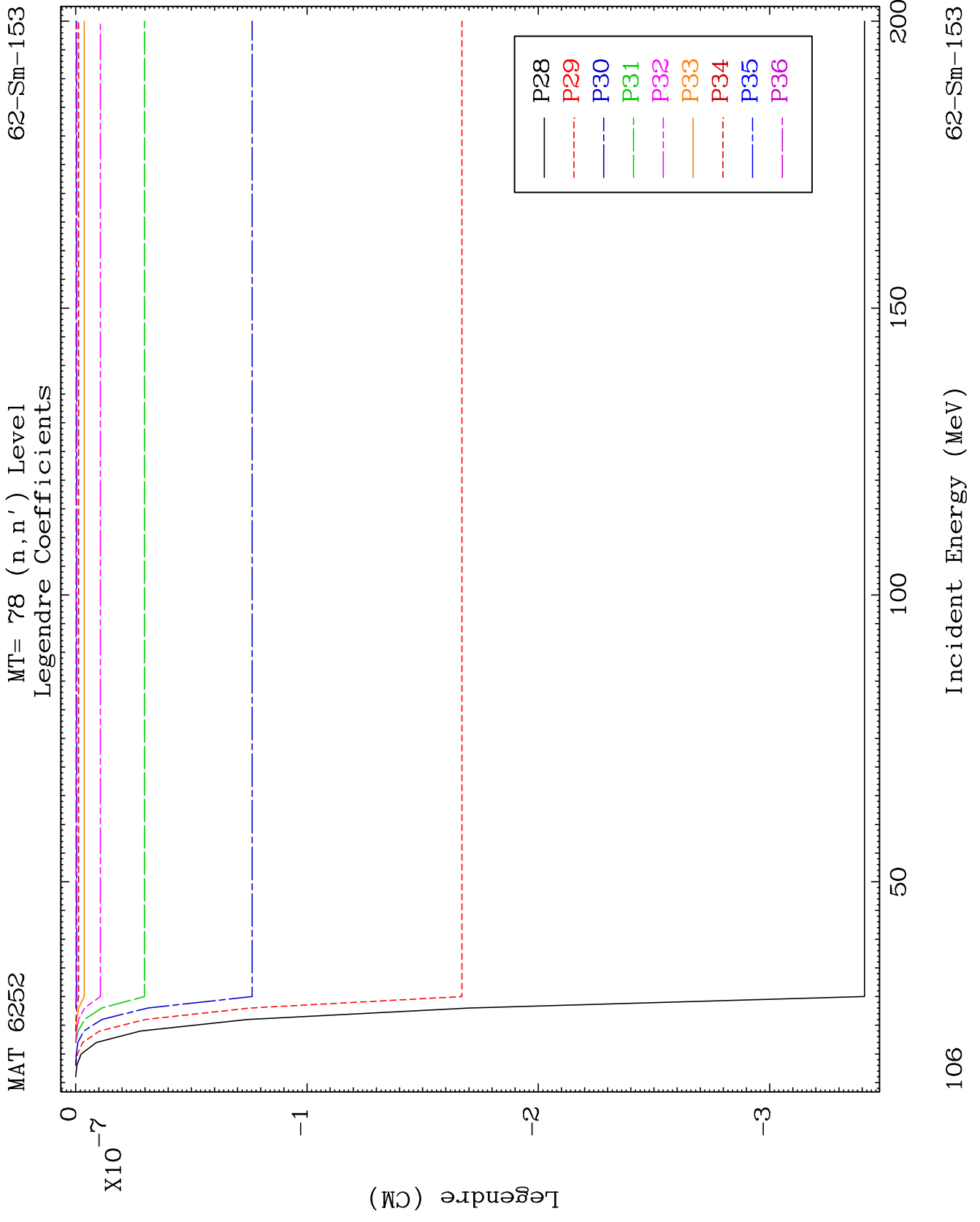


104

Incident Energy (MeV)

62-Sm-153

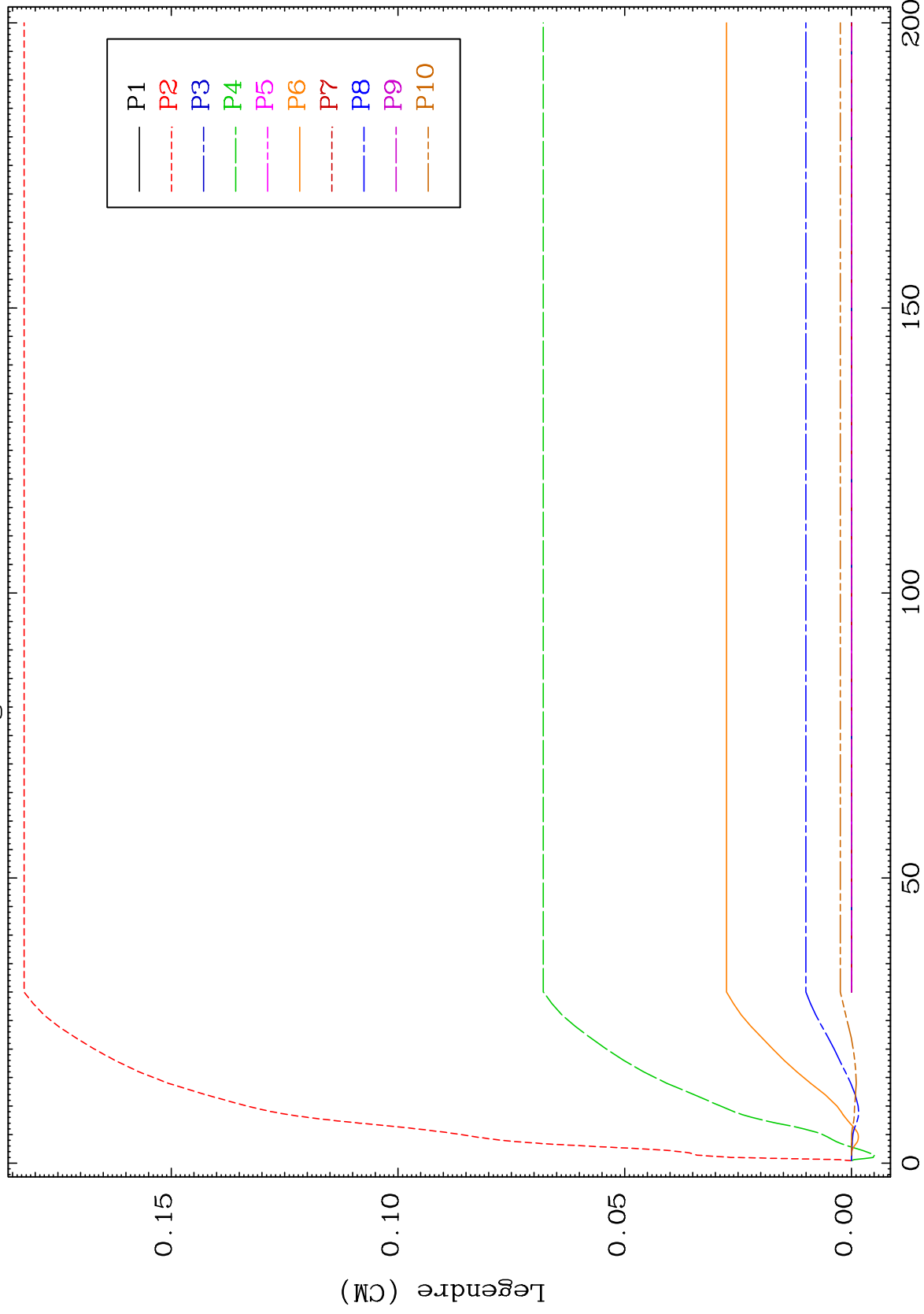




MAT 6252

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

62-Sm-153



107

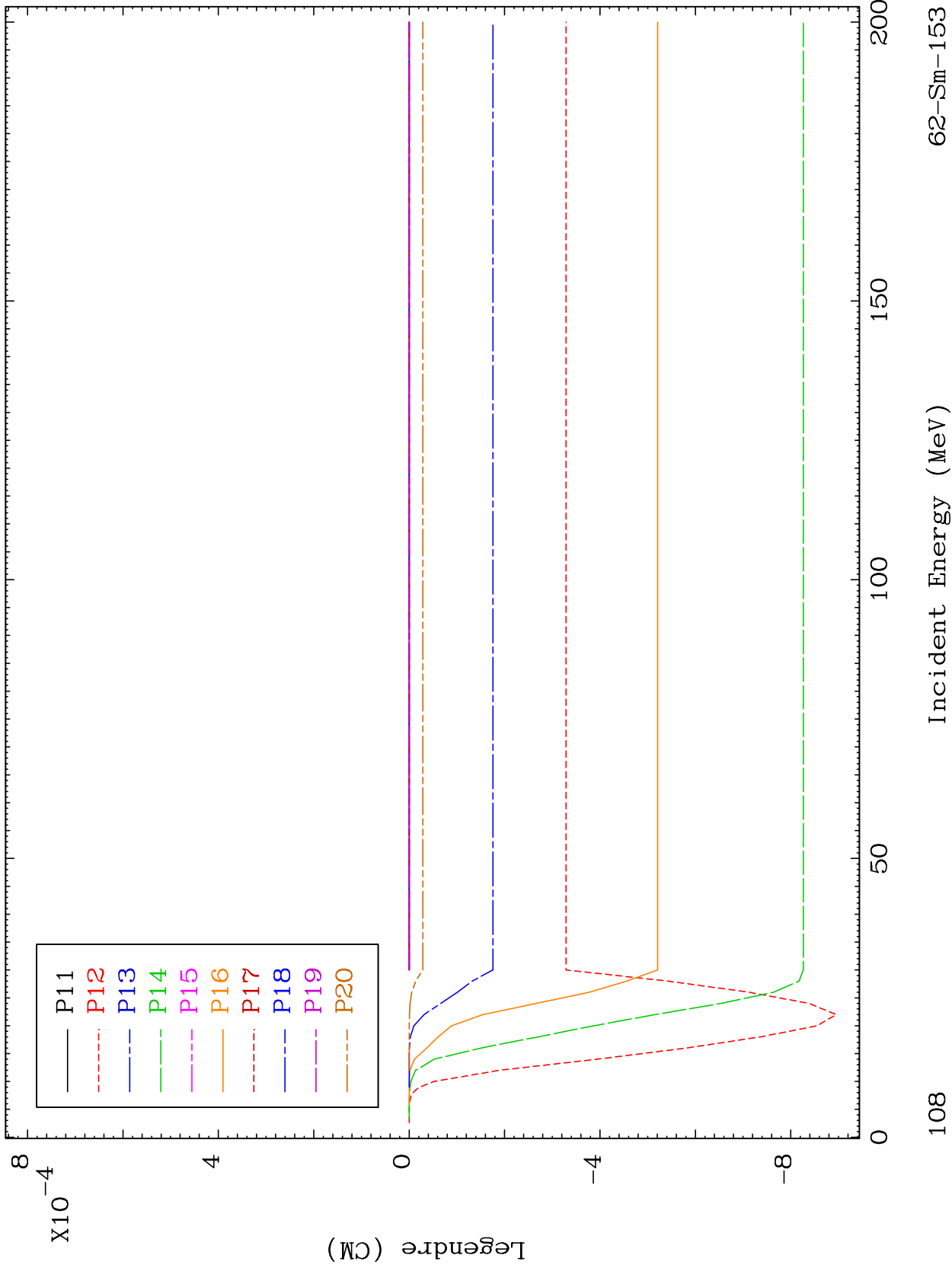
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



108

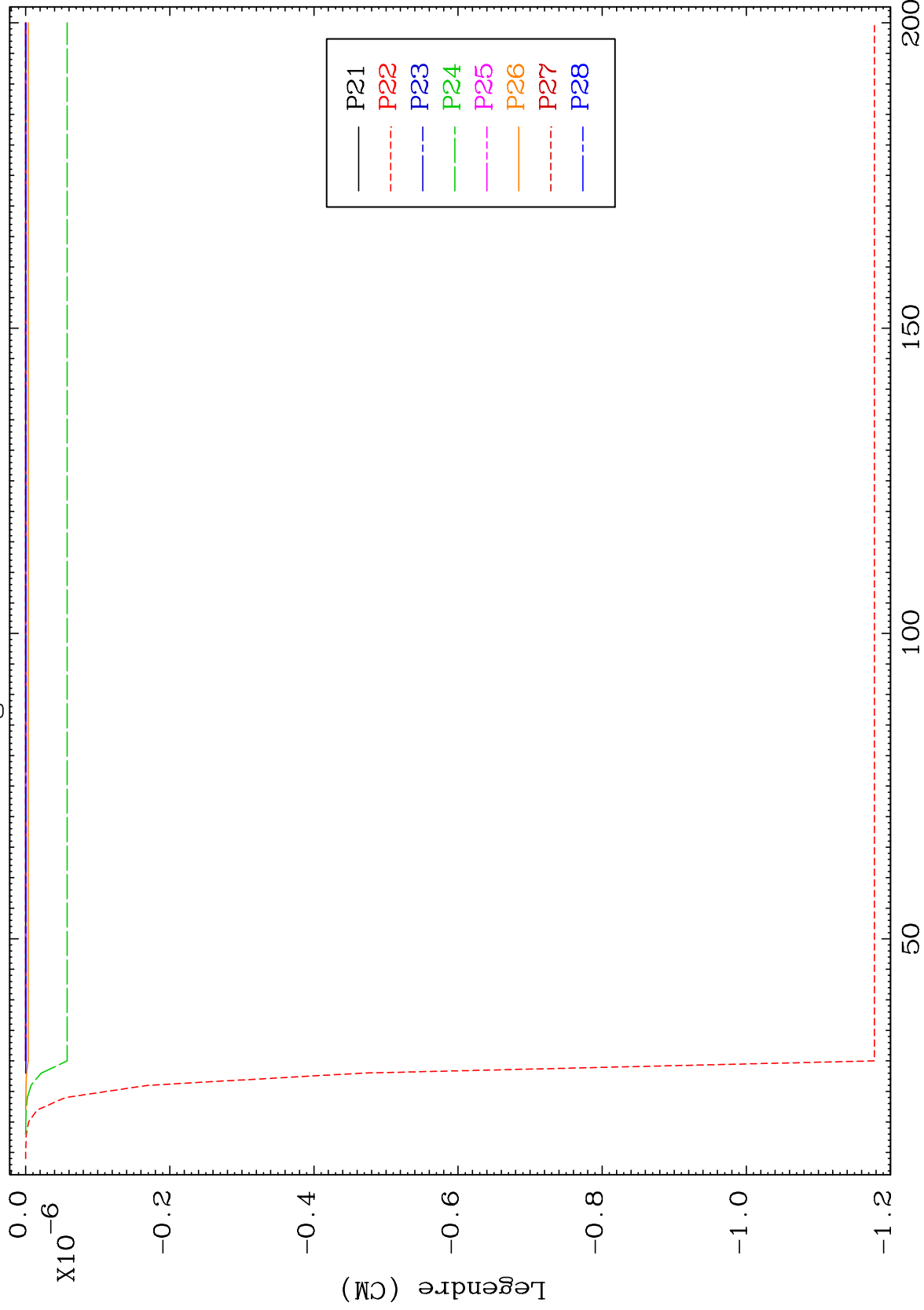
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



109

Incident Energy (MeV)

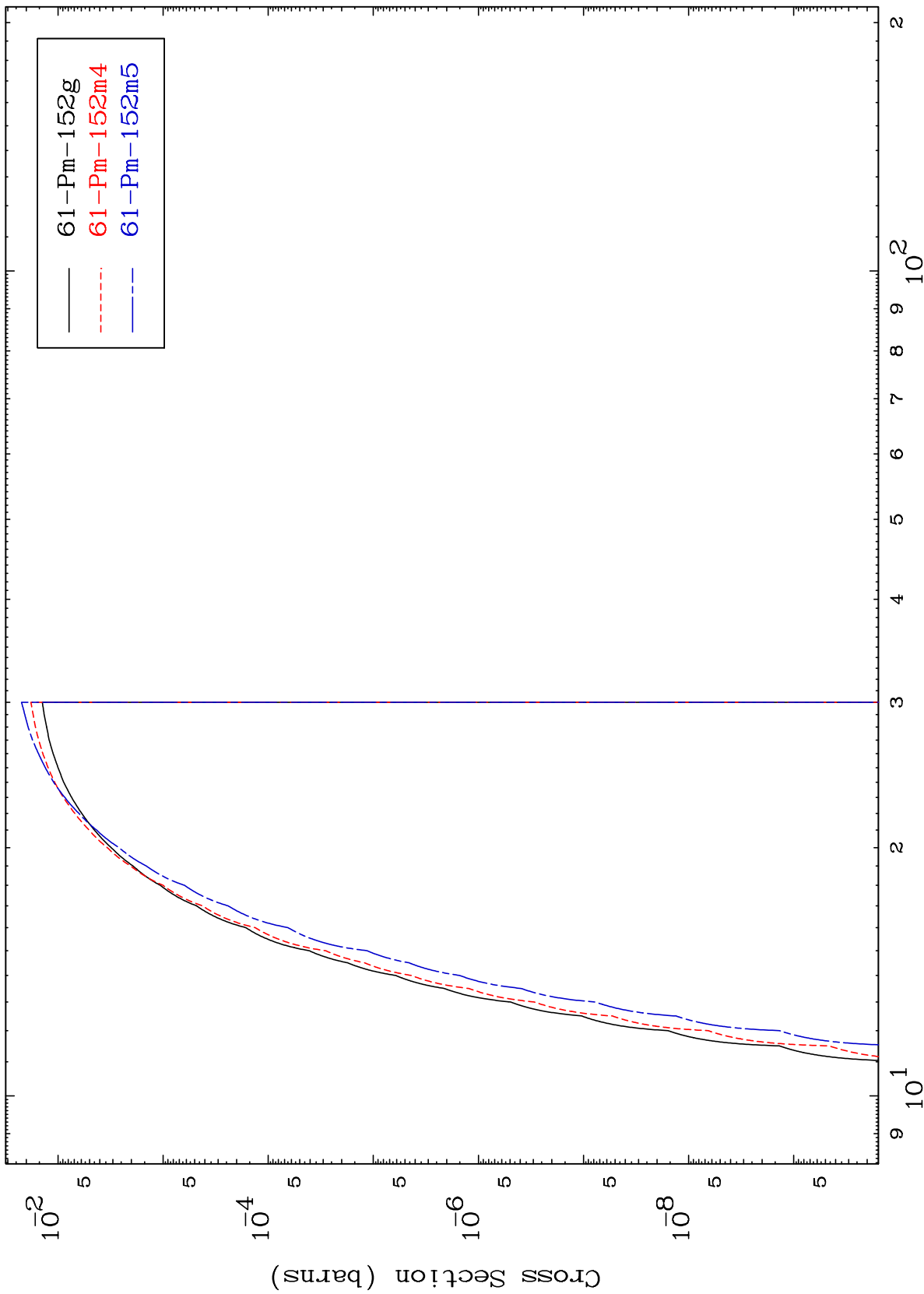
62-Sm-153

MAT 6252

(n,n') p

62-Sm-153

Radionuclide Production Cross Section



110

Incident Energy (MeV)

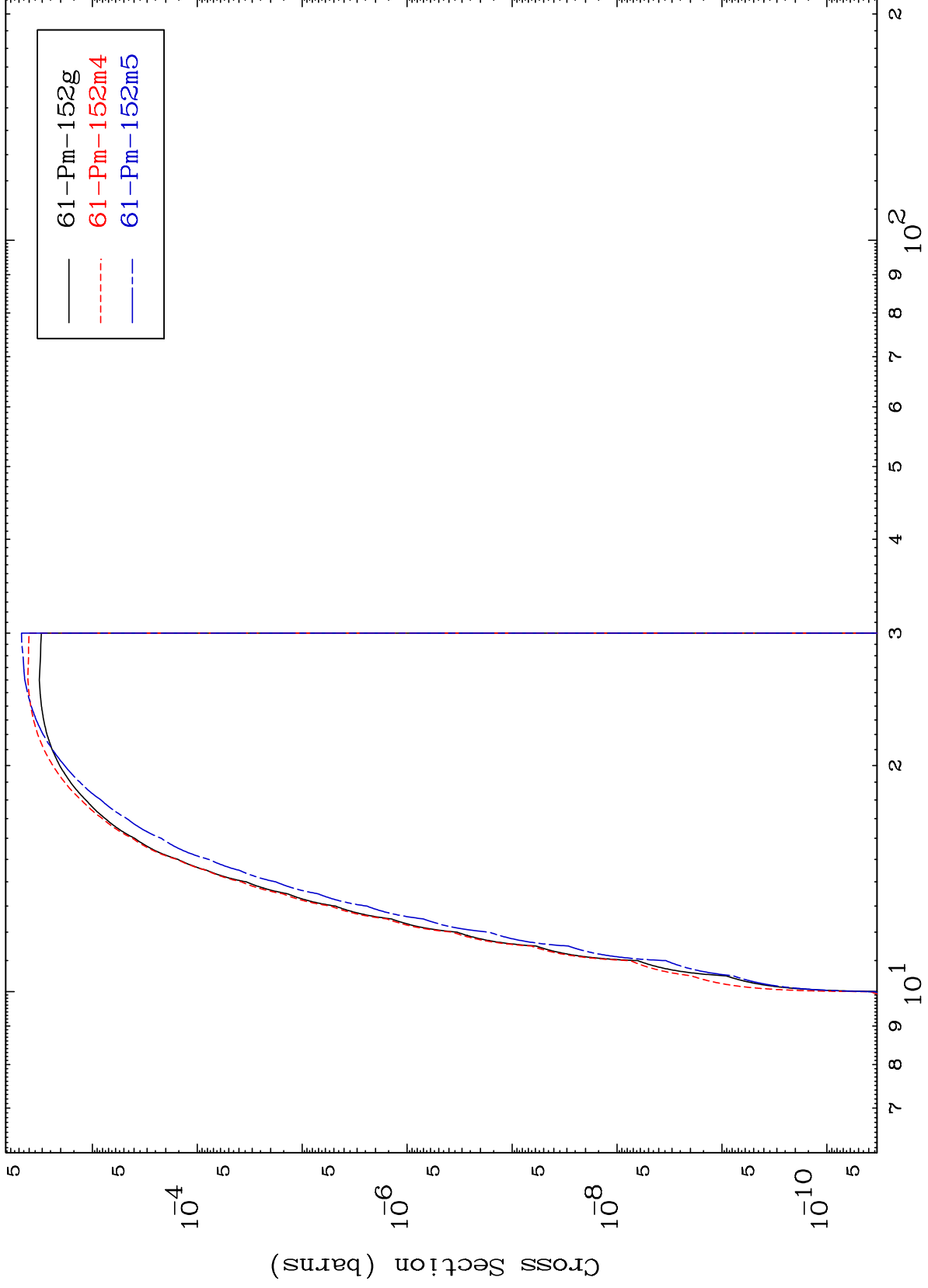
62-Sm-153

MAT 6252

(n,d)

62-Sm-153

Radionuclide Production Cross Section



111

Incident Energy (MeV)

62-Sm-153