

Program EVALPLOT  
(Version 2018-1)

by

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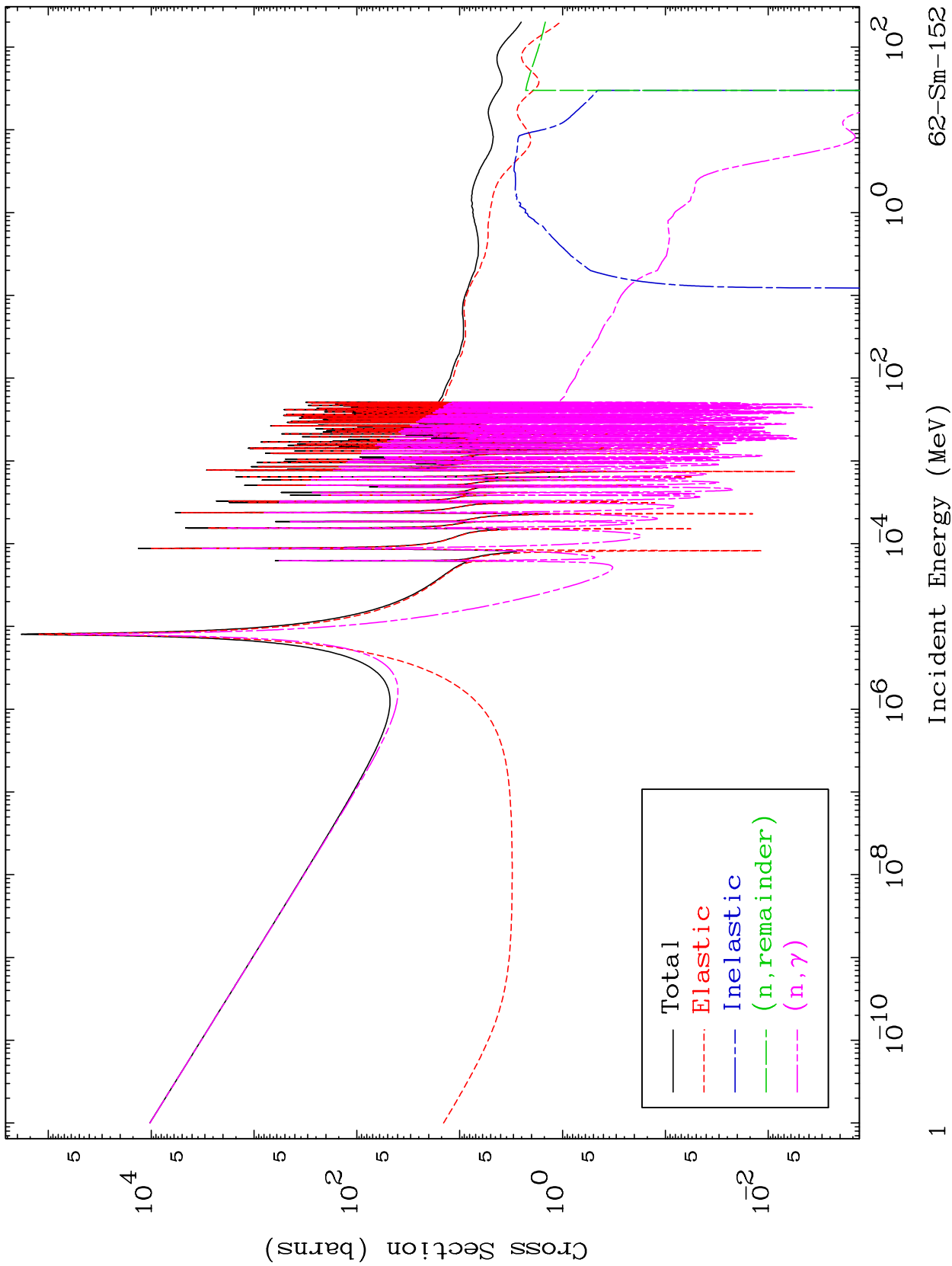
Press Mouse Button to Start

MAT 6249

Major

293 Kelvin Cross Sections

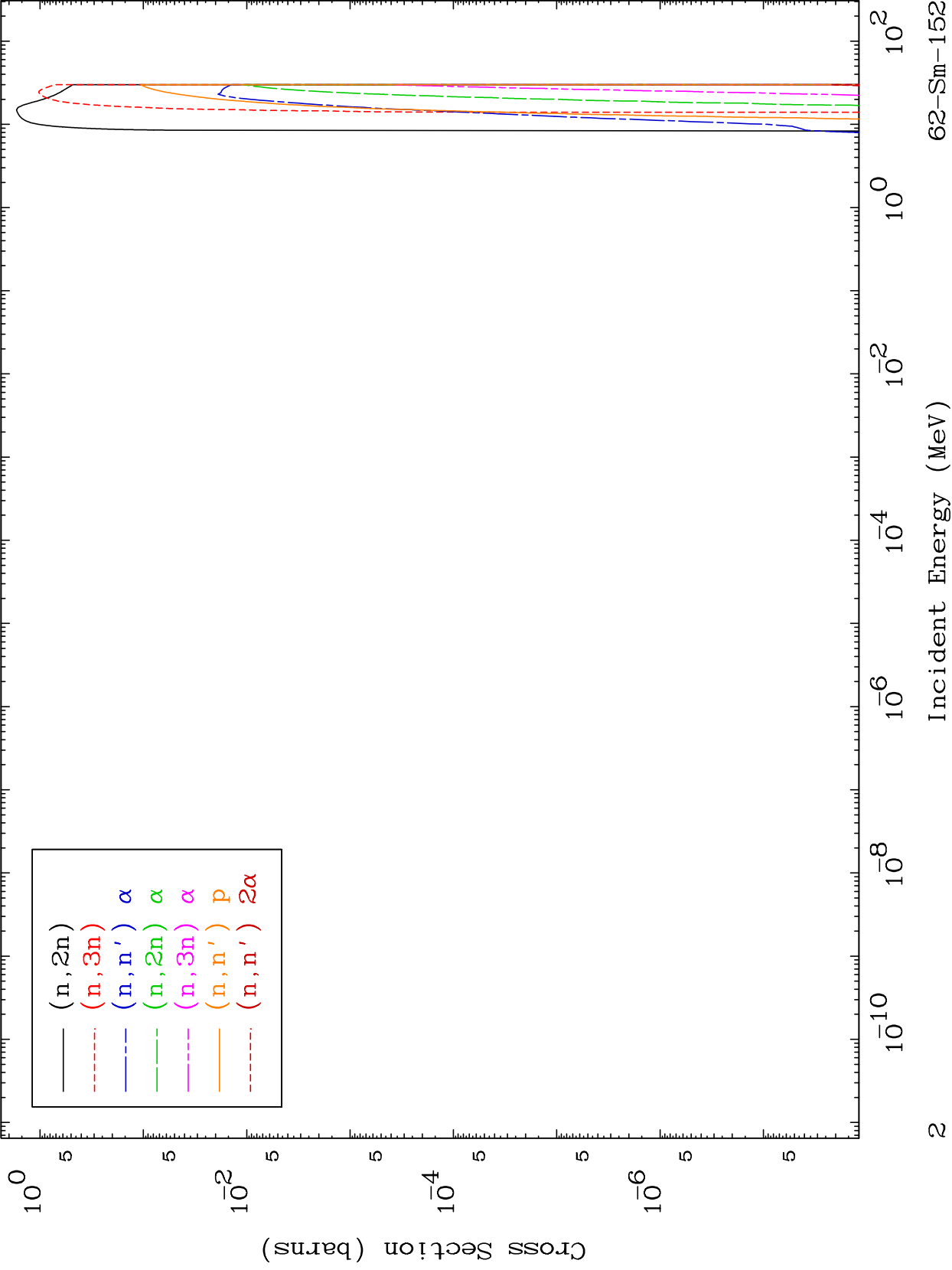
62-Sm-152

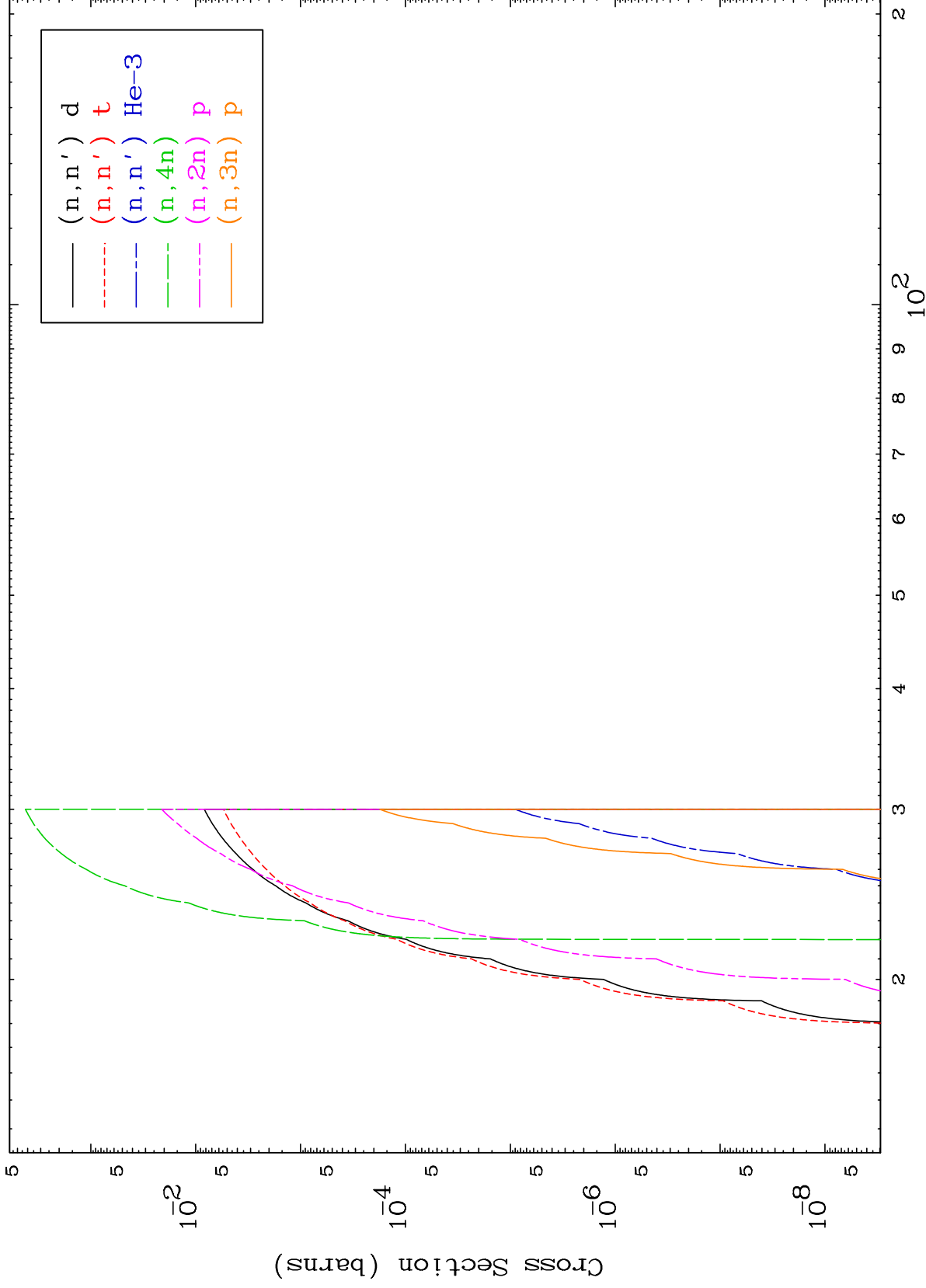


MAT 6249

Neutron Production  
293 Kelvin Cross Sections

62-Sm-152

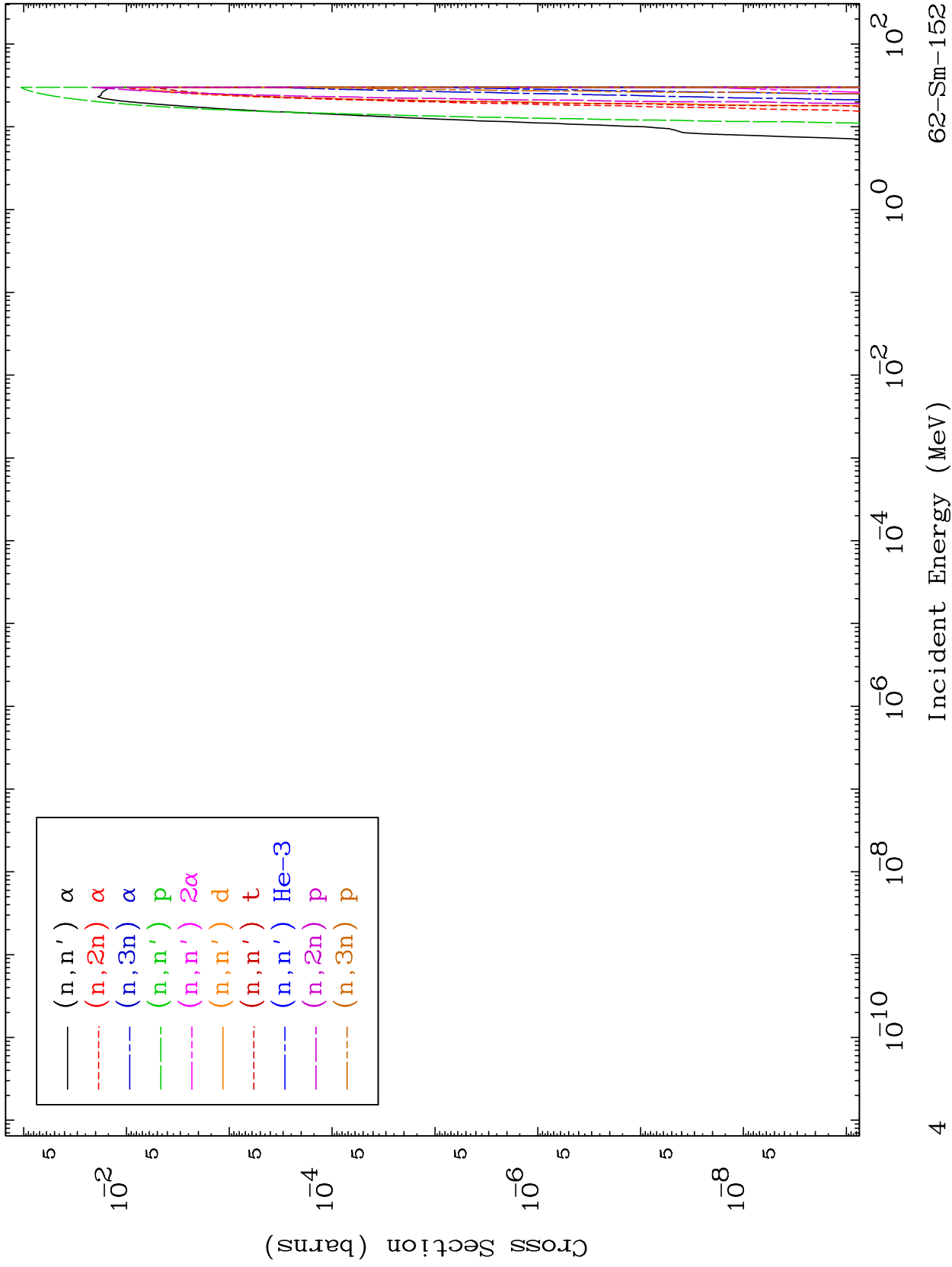




MAT 6249

Charged Particle  
293 Kelvin Cross Sections

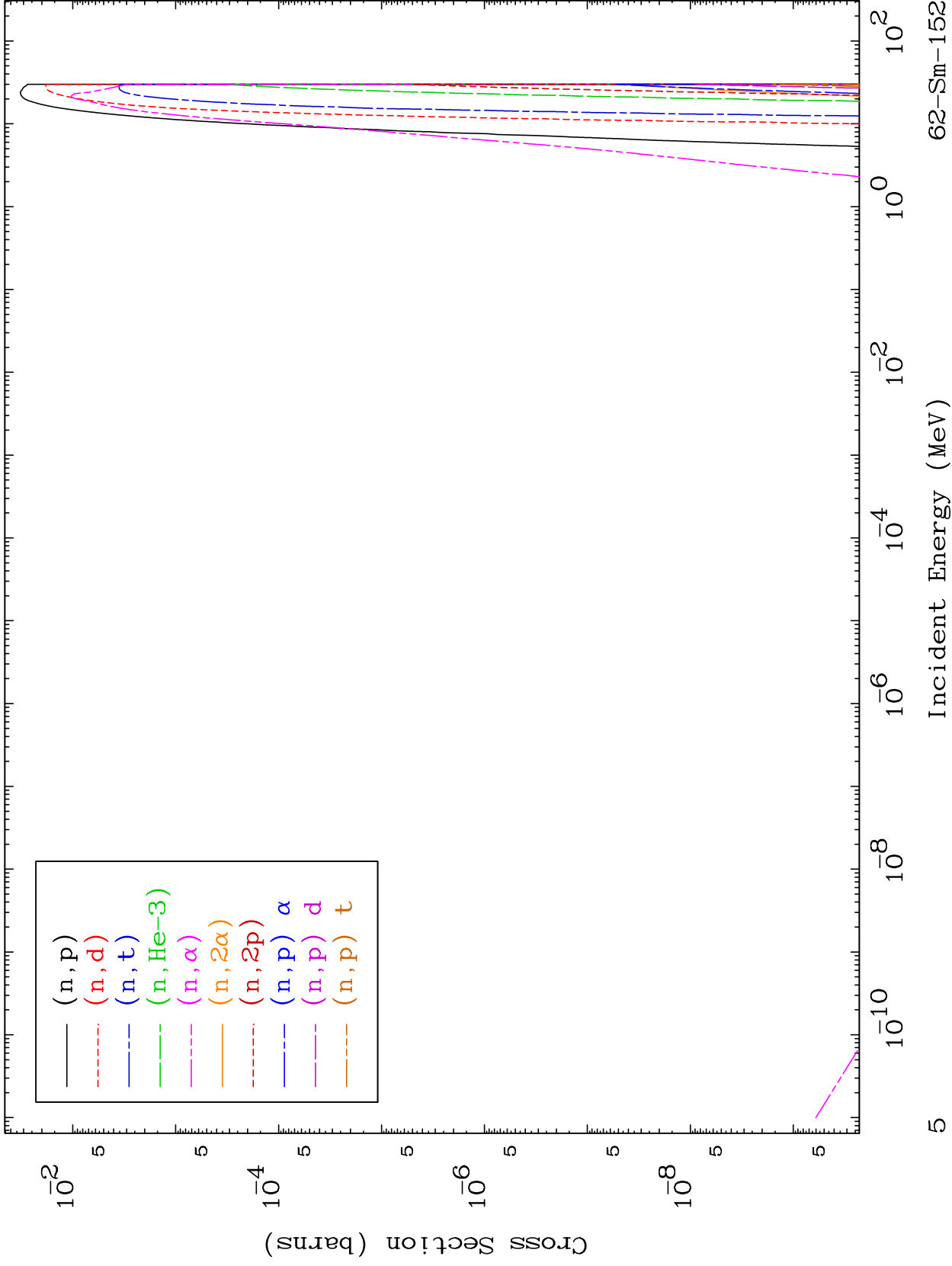
62-Sm-152



MAT 6249

Charged Particle  
293 Kelvin Cross Sections

62-Sm-152



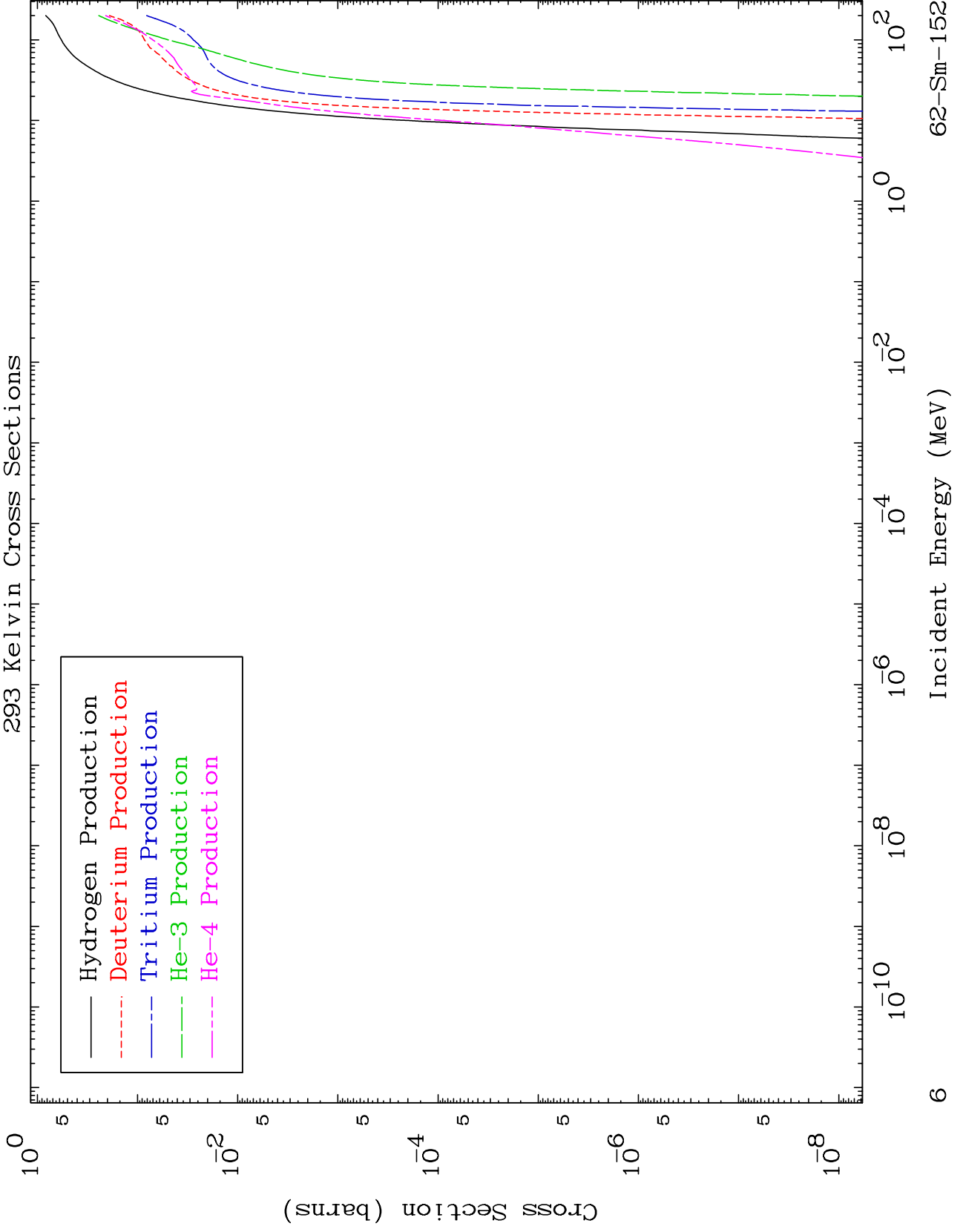
5

62-Sm-152

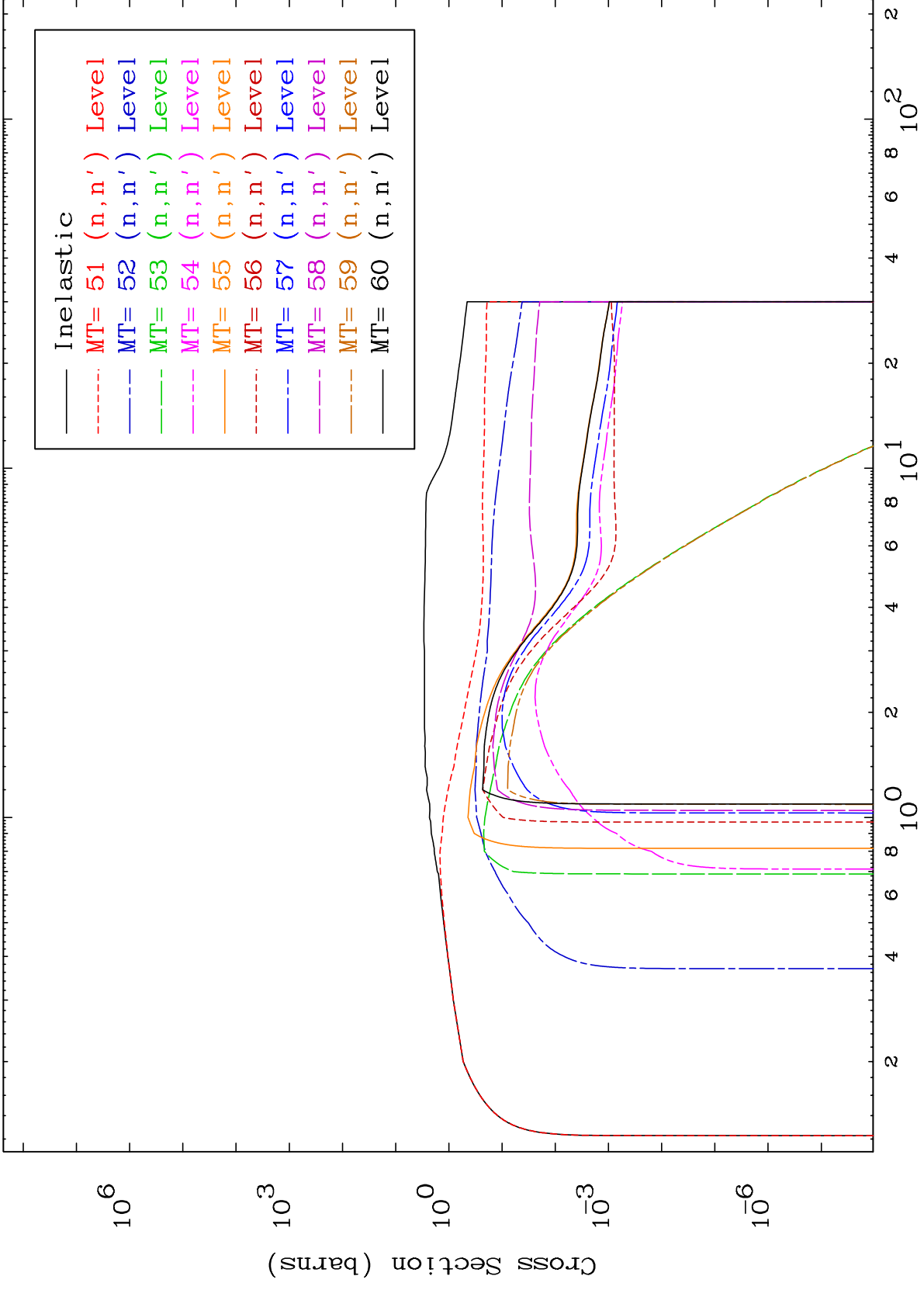
MAT 6249

Particle Production  
293 Kelvin Cross Sections

62-Sm-152



293 Kelvin Cross Sections



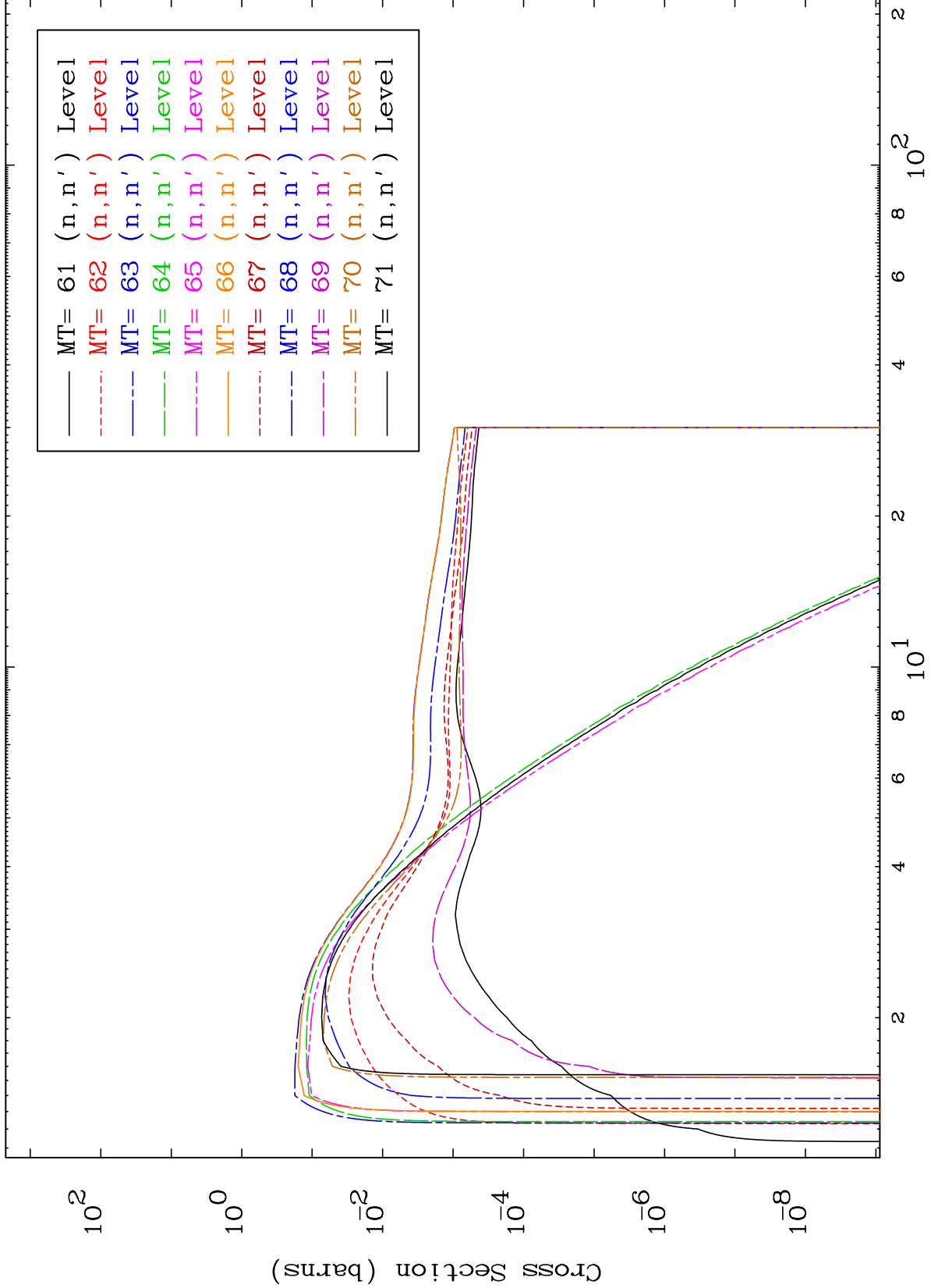


MAT 6249

(n,n') Level

62-Sm-152

293 Kelvin Cross Sections



8

Incident Energy (MeV)

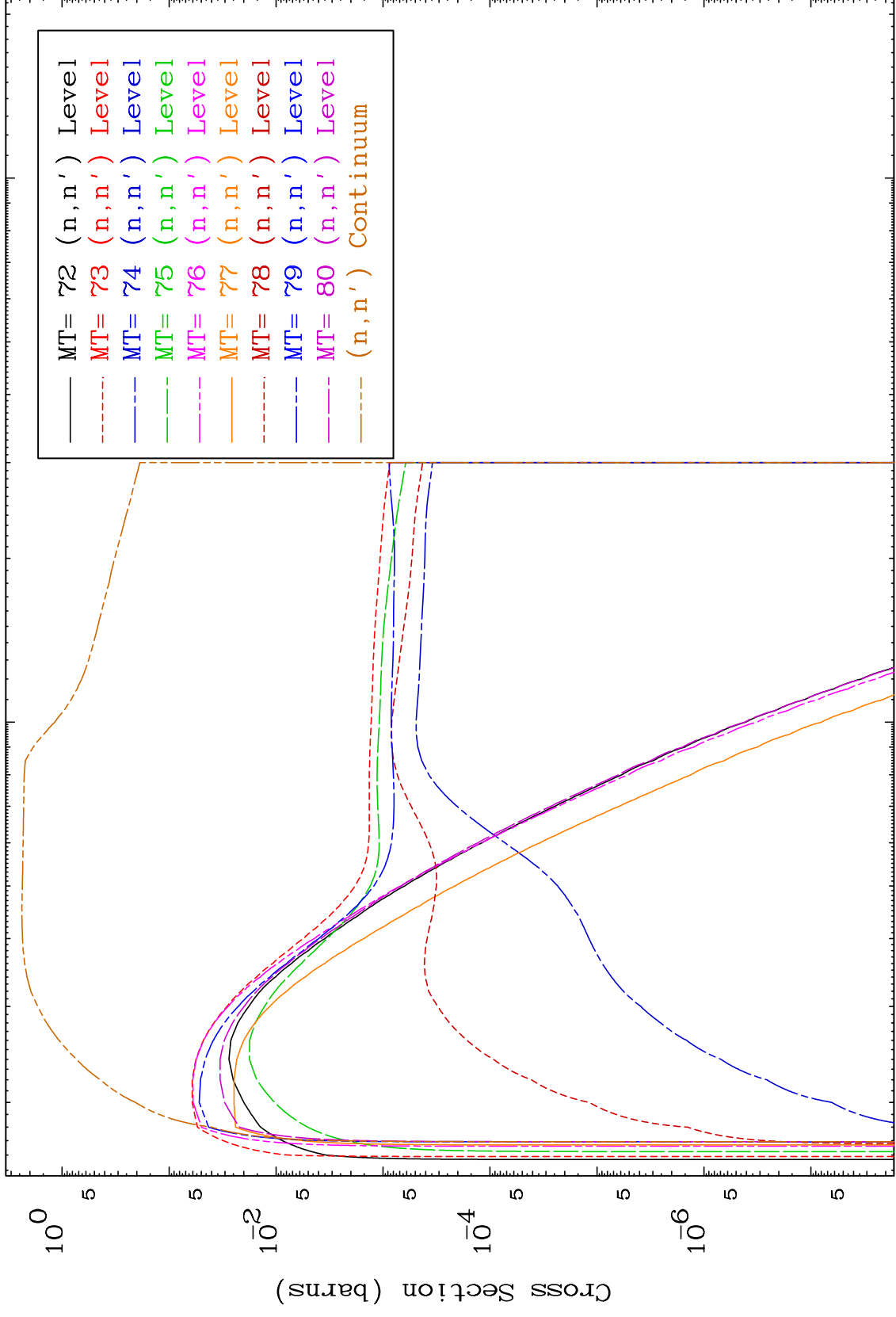
62-Sm-152

MAT 6249

(n,n') Level

62-Sm-152

293 Kelvin Cross Sections



9

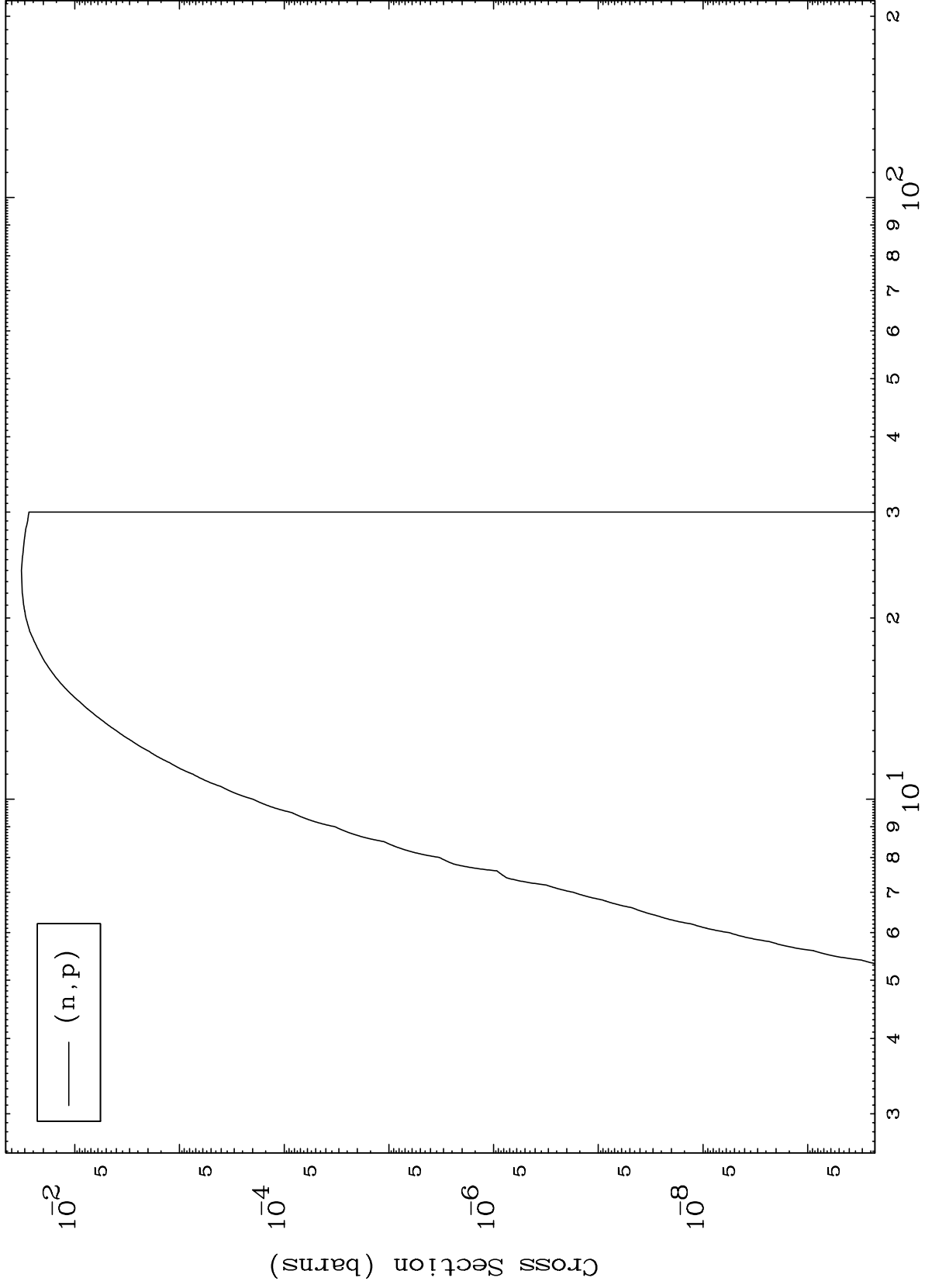
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-152



10

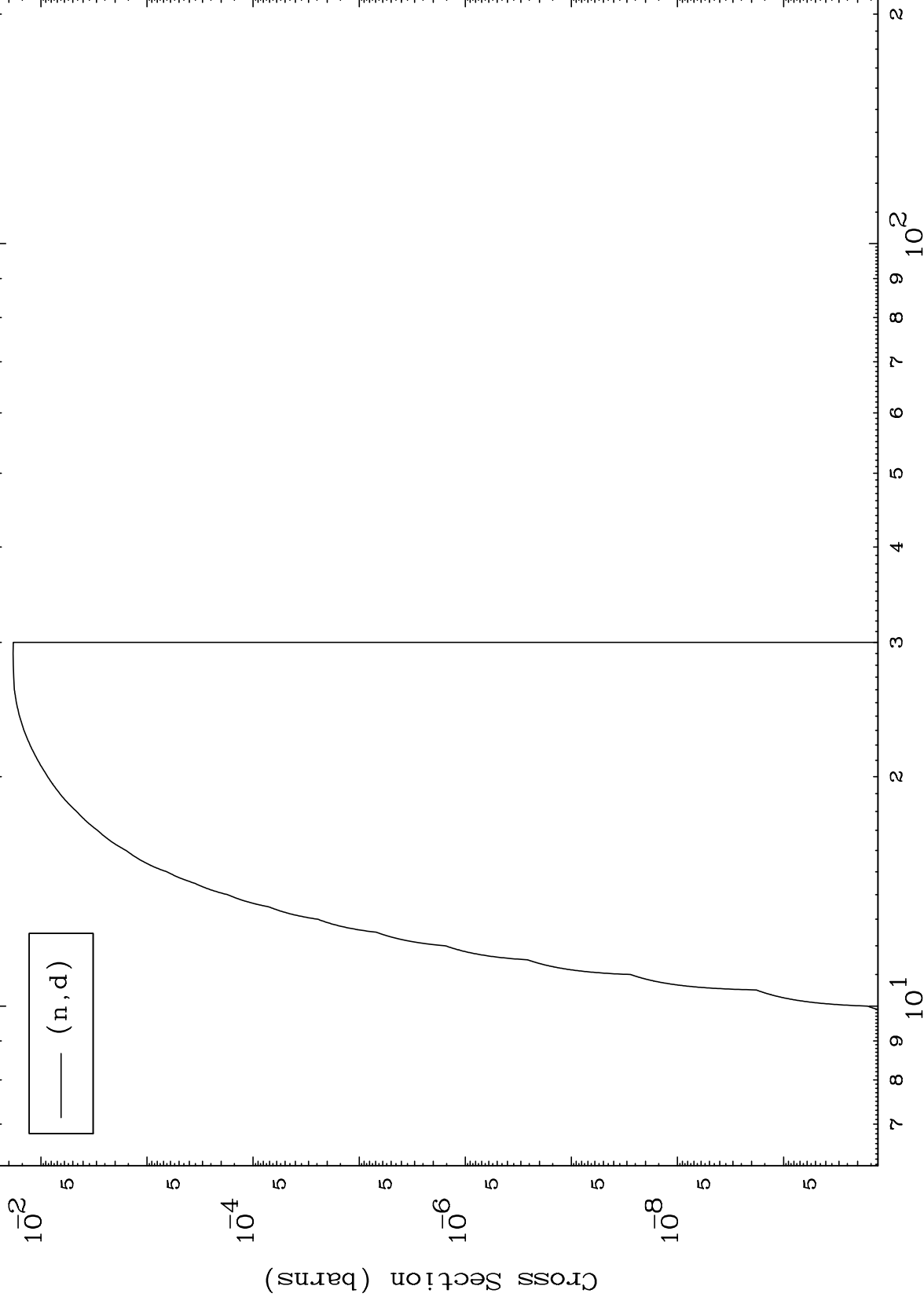
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,d) Levels  
293 Kelvin Cross Sections

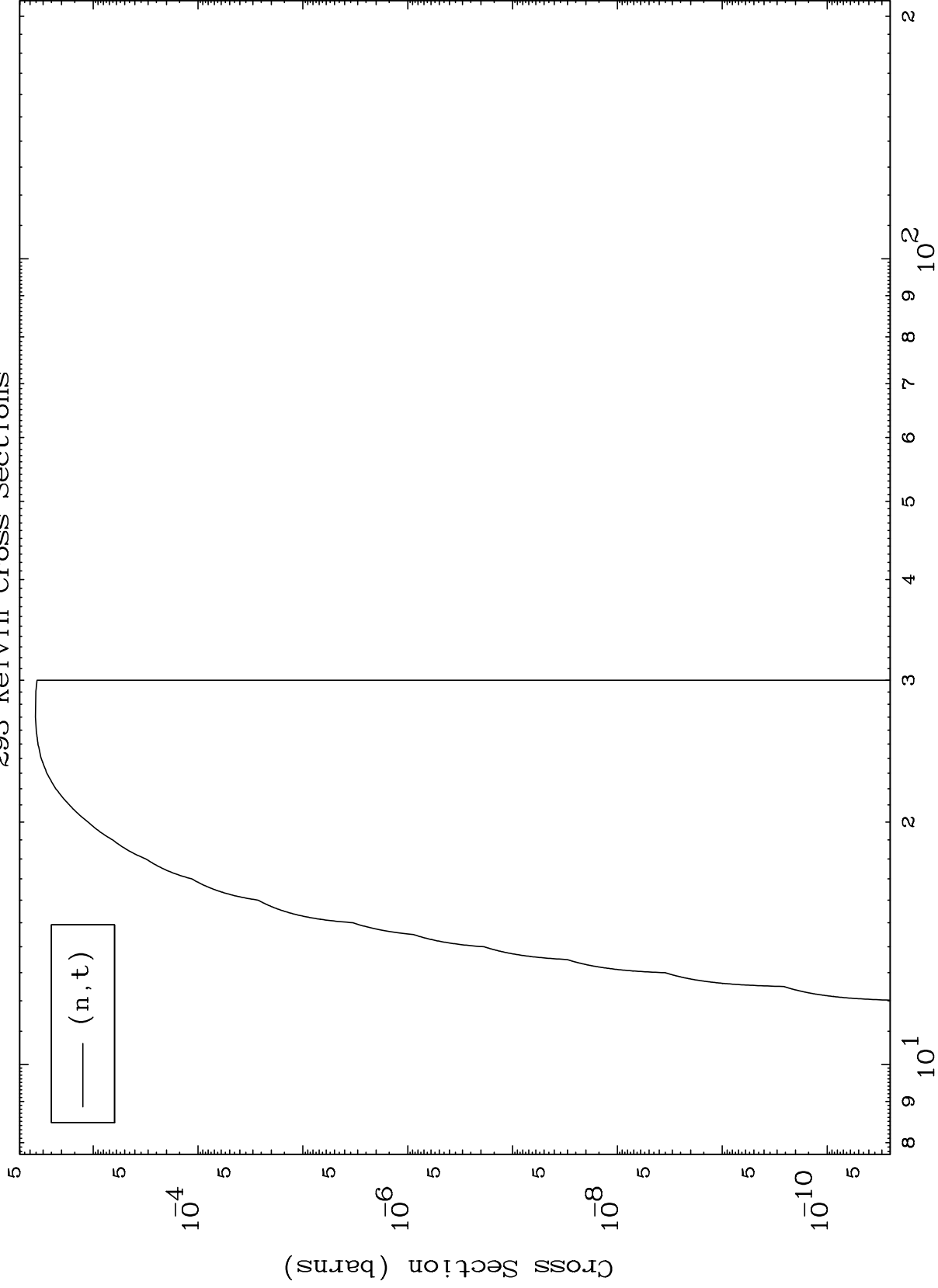
62-Sm-152



MAT 6249

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-152



12

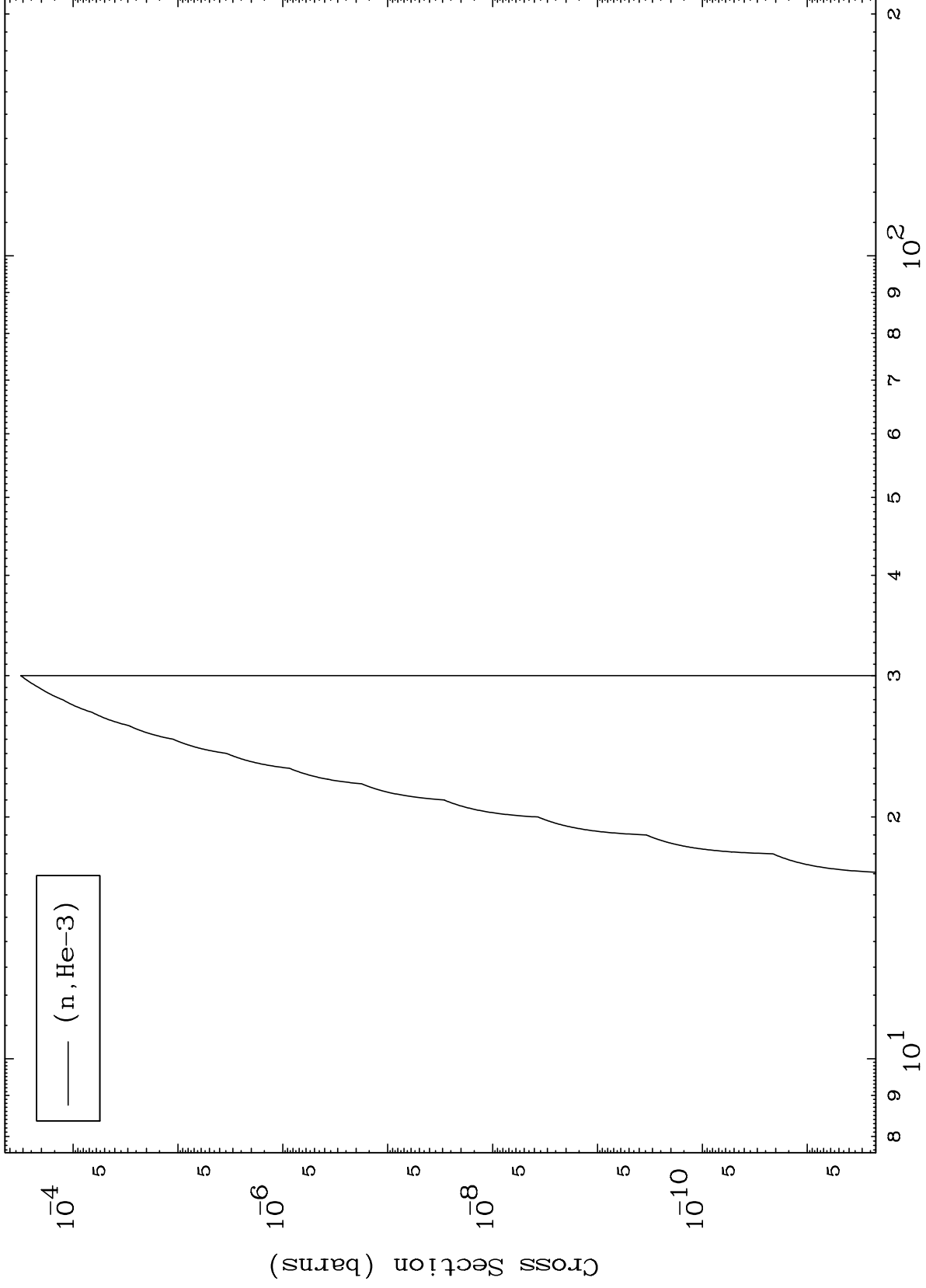
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-152



13

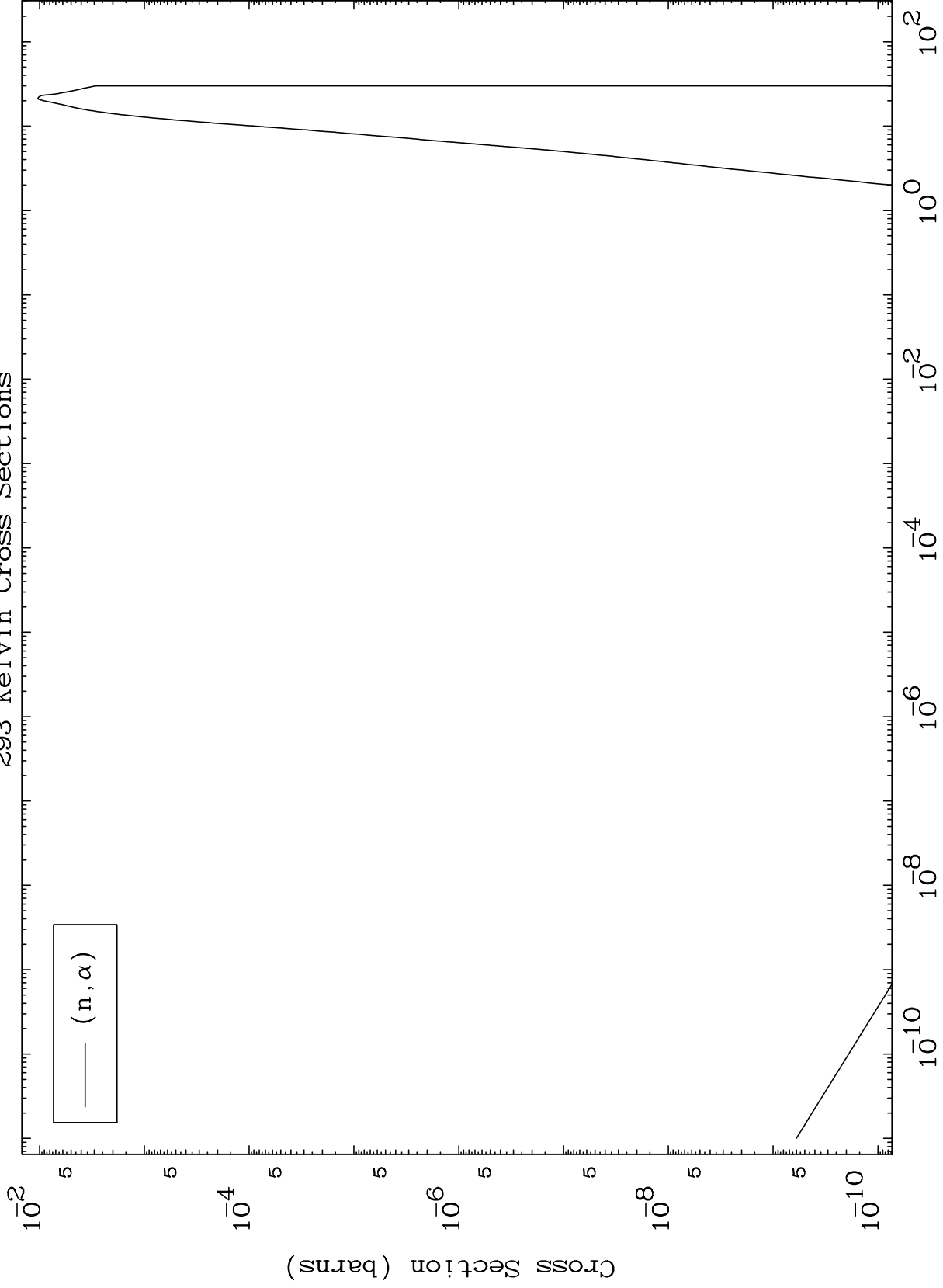
Incident Energy (MeV)

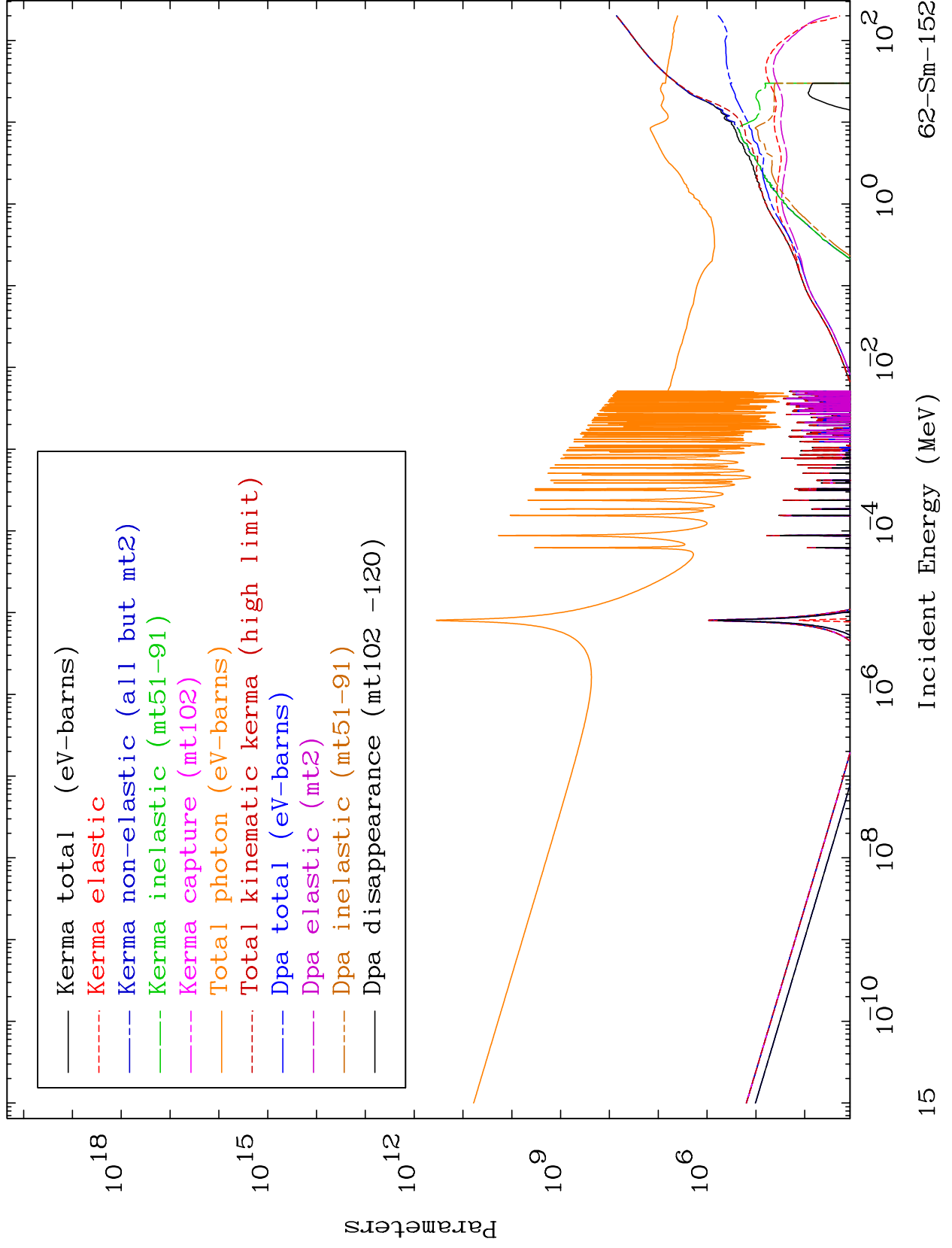
62-Sm-152

MAT 6249

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

62-Sm-152



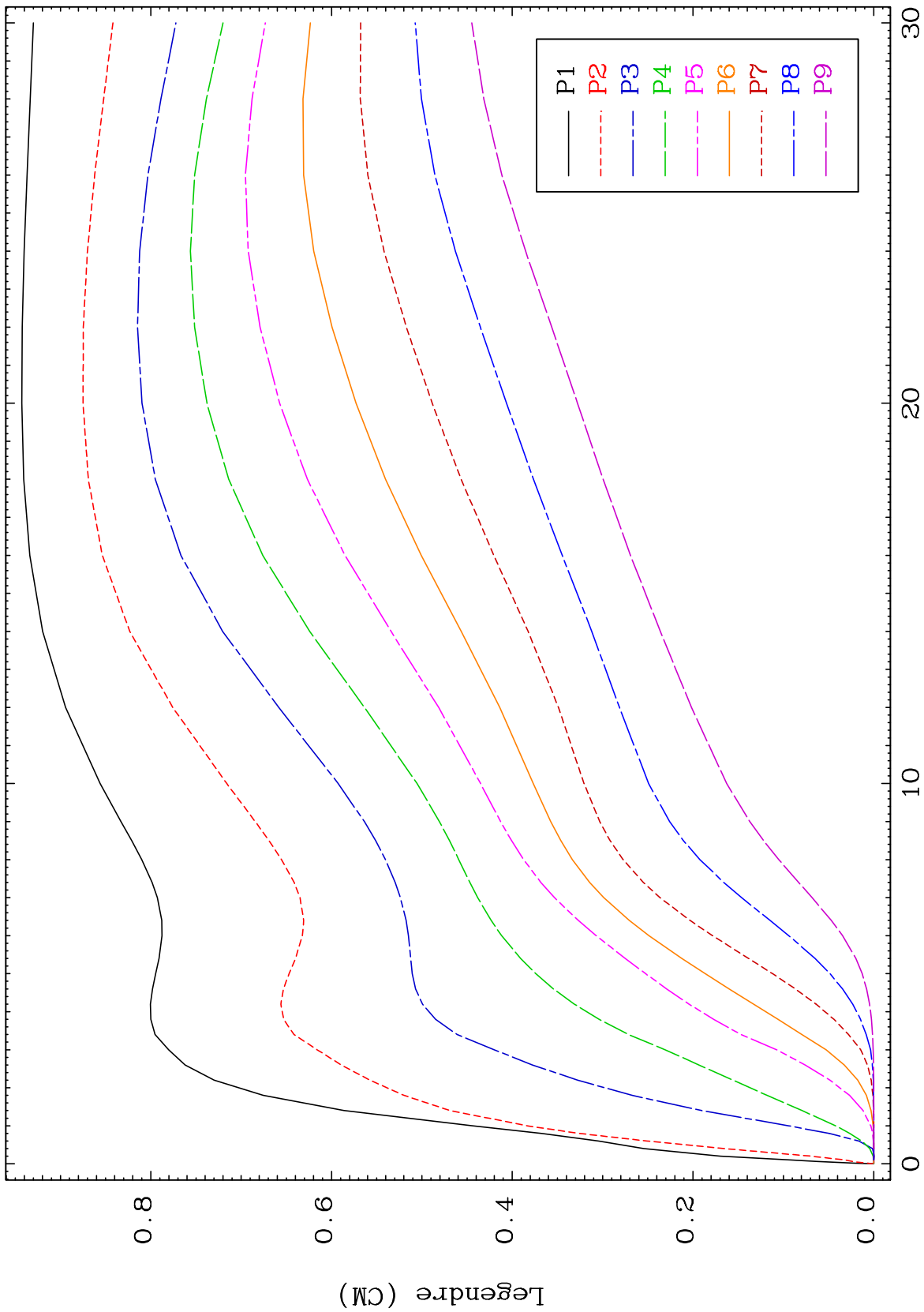




MAT 6249

62-Sm-152

Elastic Legendre Coefficients



62-Sm-152

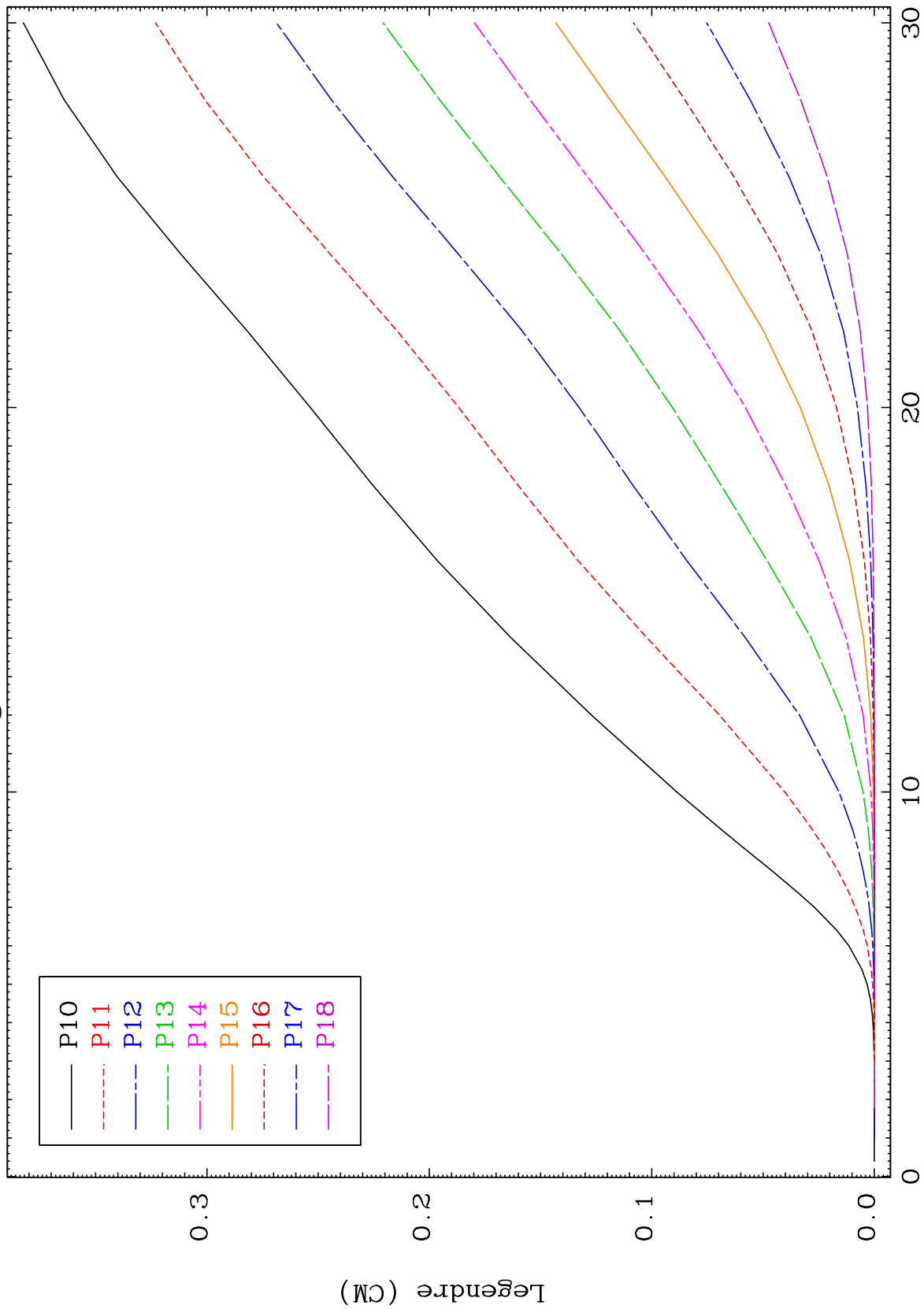
Incident Energy (MeV)

16

MAT 6249

Elastic Legendre Coefficients

$^{62}\text{Sm-152}$



17

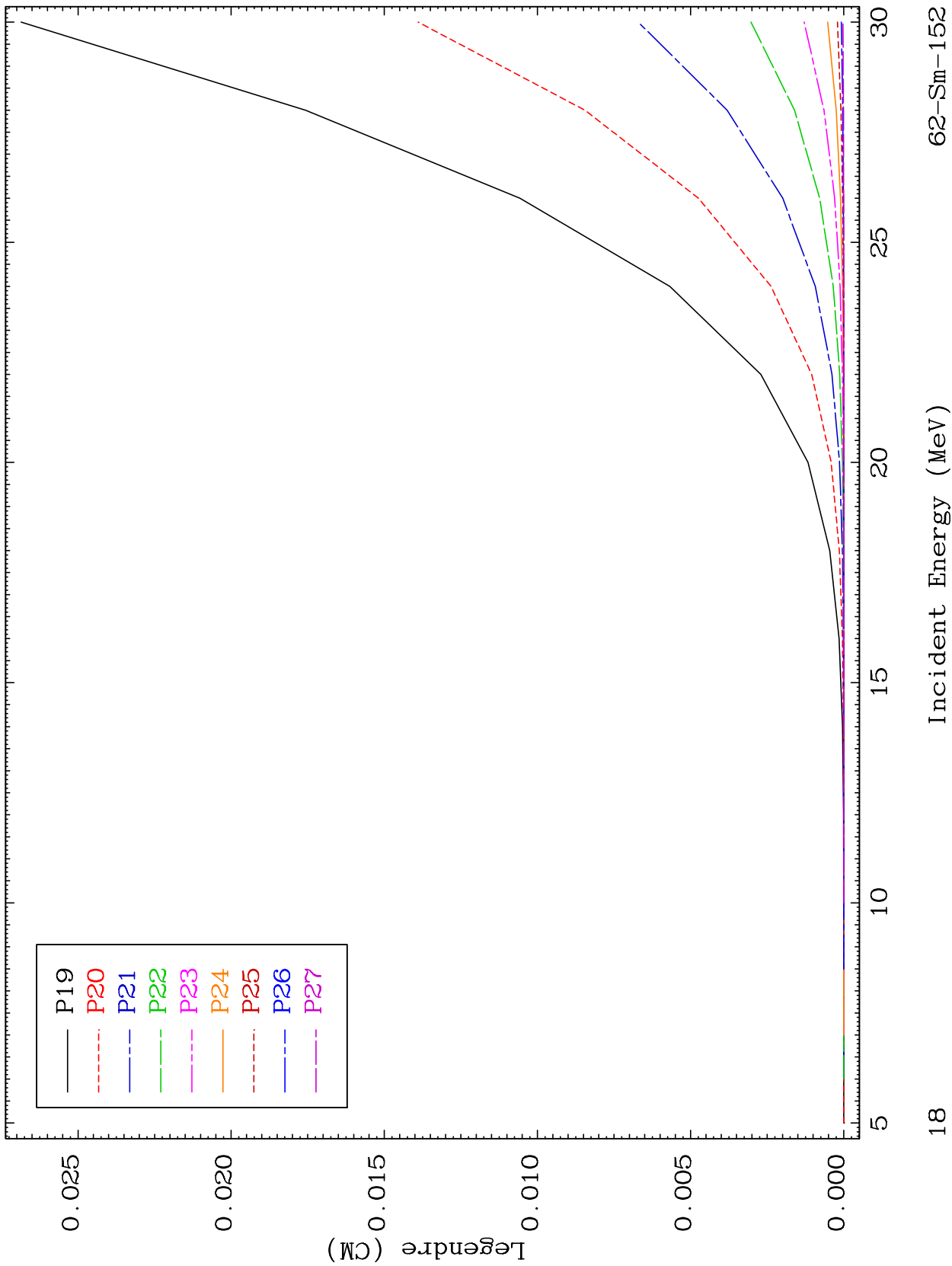
Incident Energy (MeV)

$^{62}\text{Sm-152}$

MAT 6249

### Elastic Legendre Coefficients

62-Sm-152



18

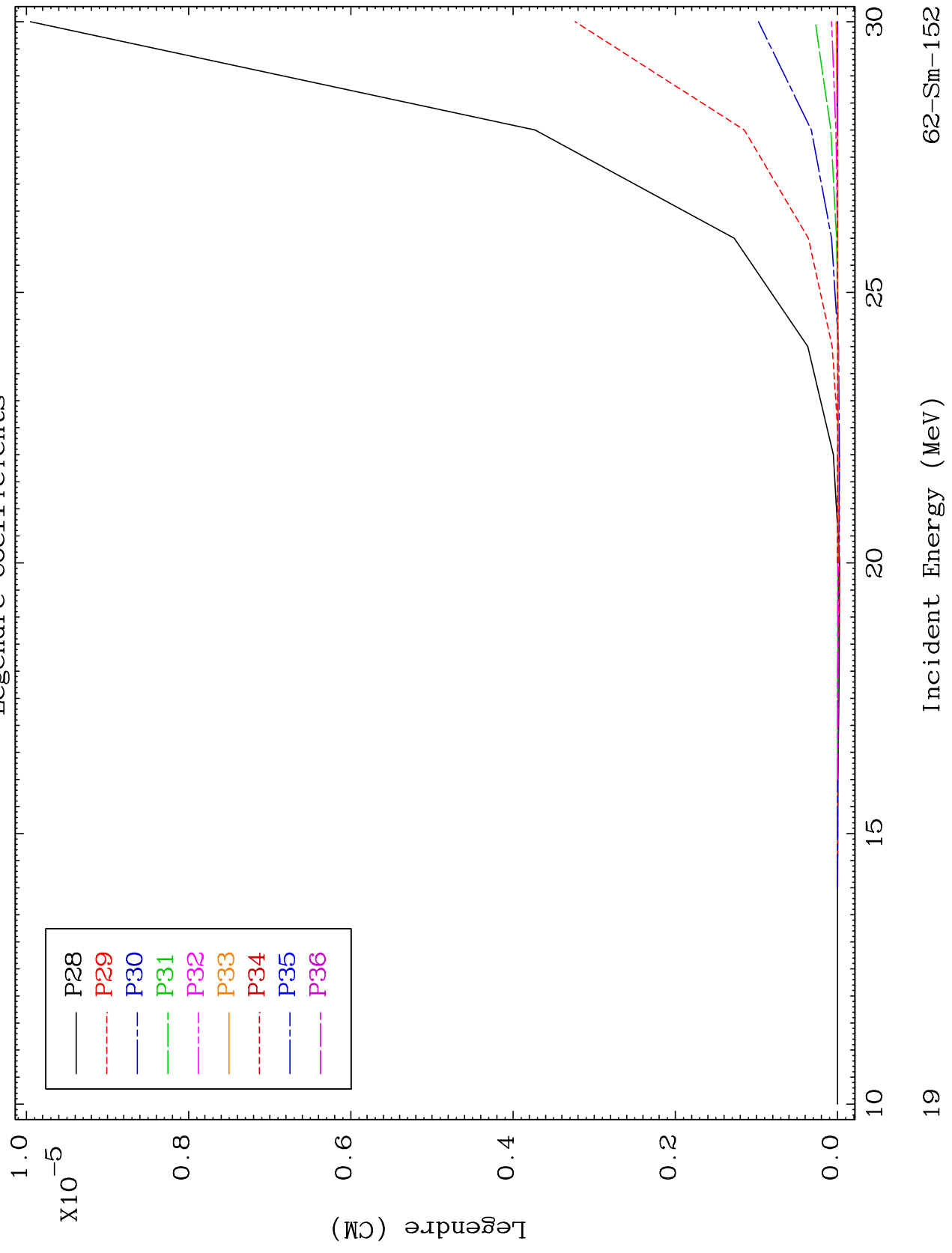
Incident Energy (MeV)

62-Sm-152

MAT 6249

Elastic Legendre Coefficients

62-Sm-152



19

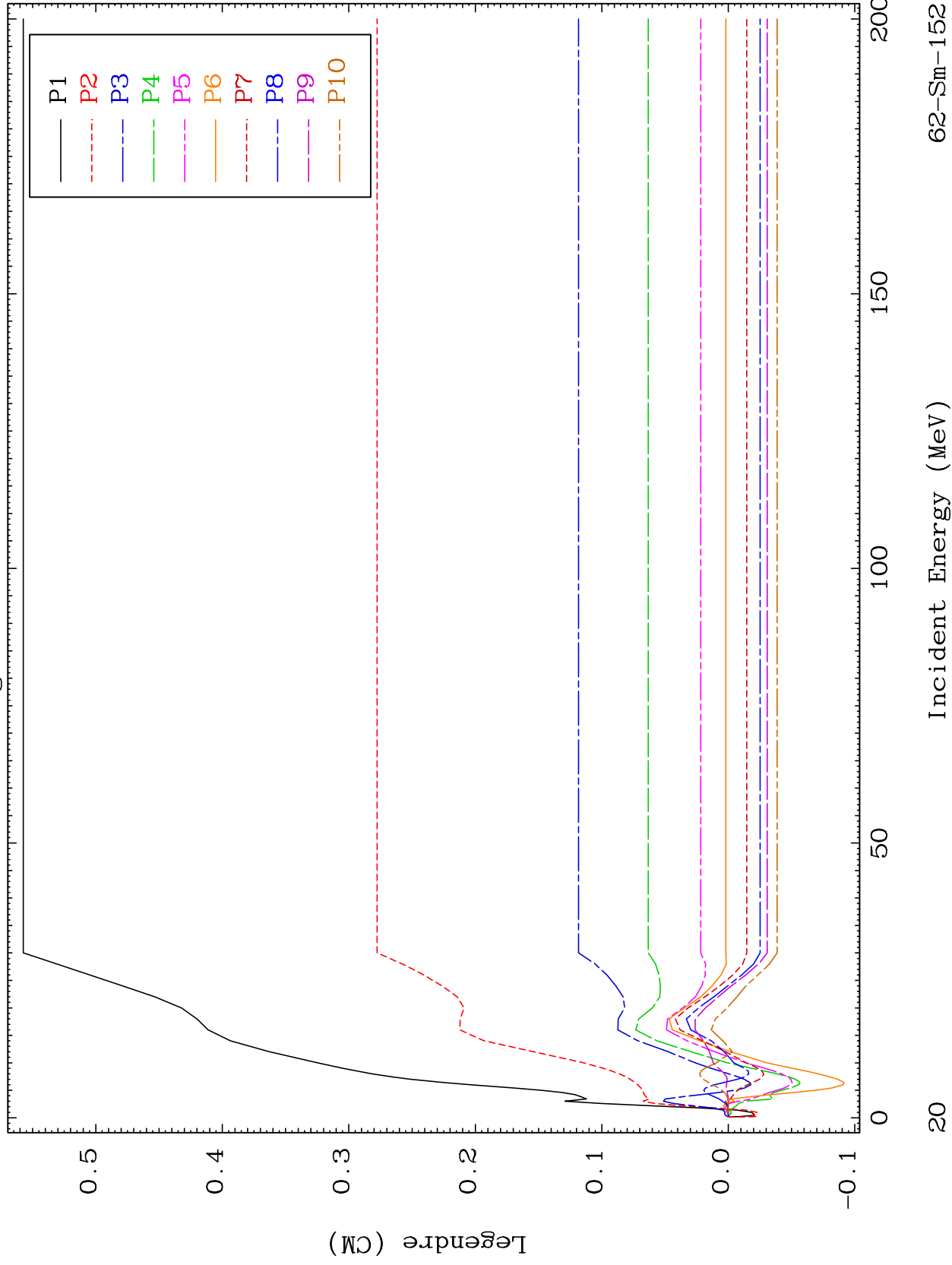
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

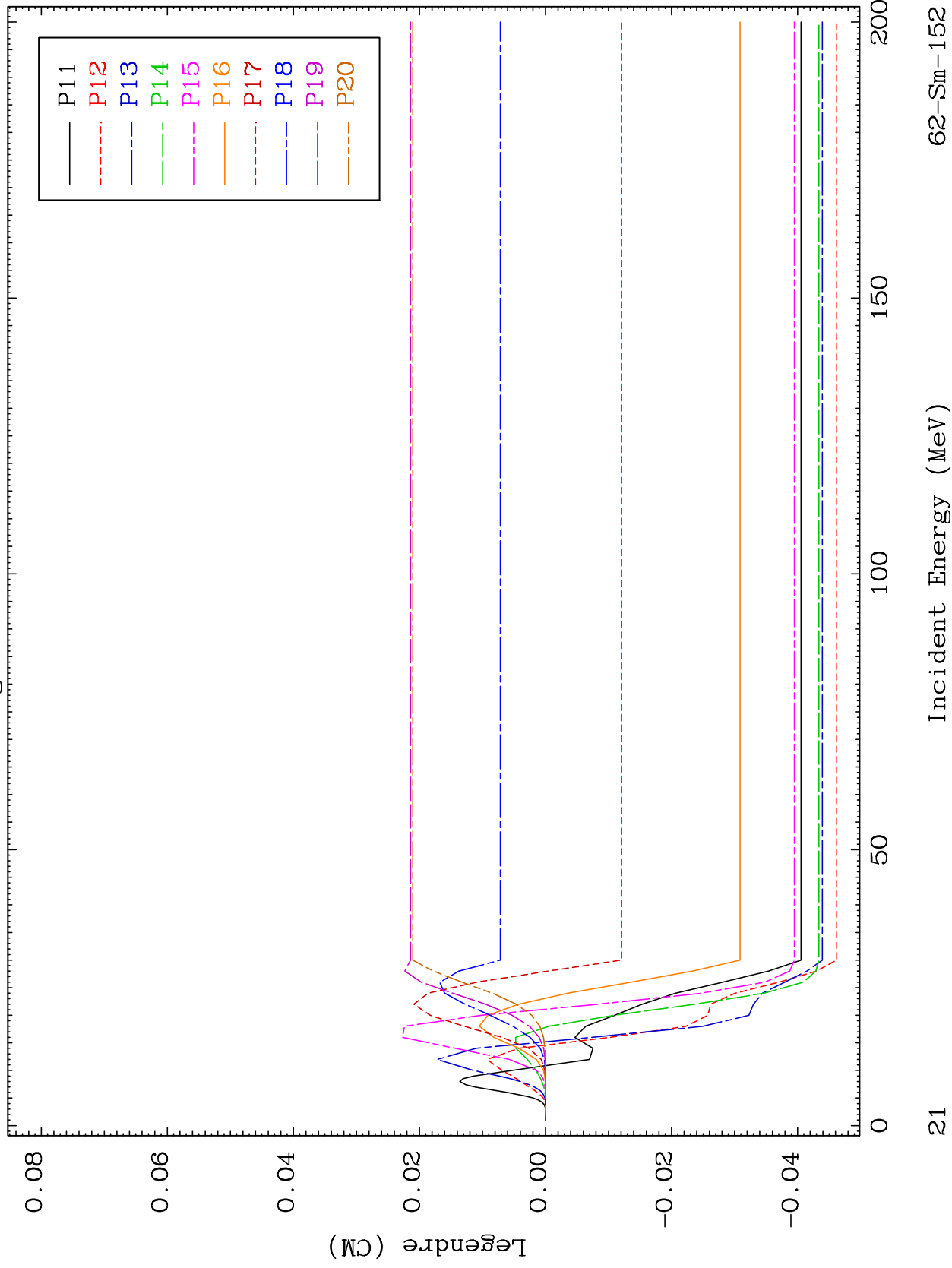
Incident Energy (MeV)

0

MAT 6249

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

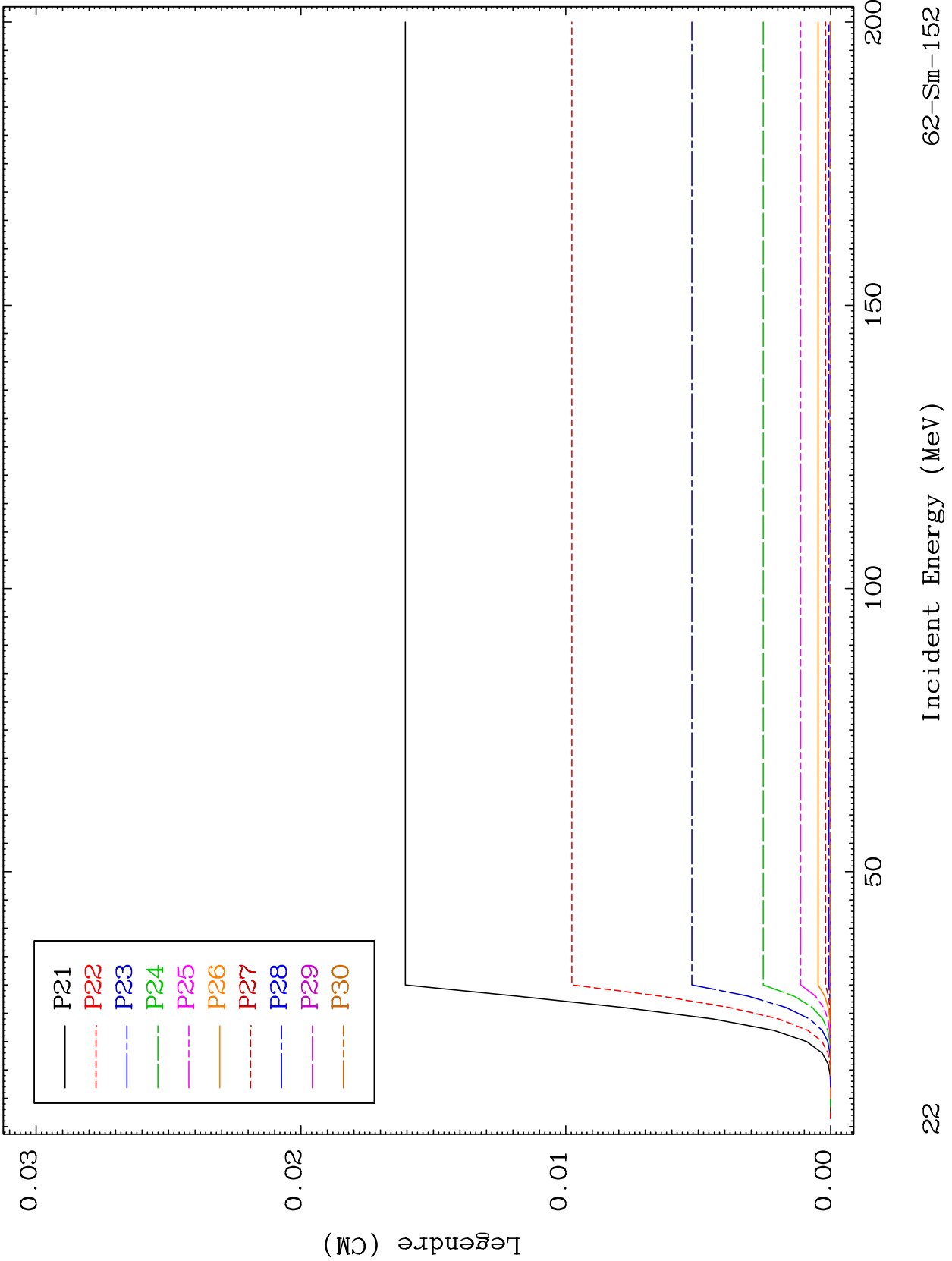
62-Sm-152



21

Incident Energy (MeV)

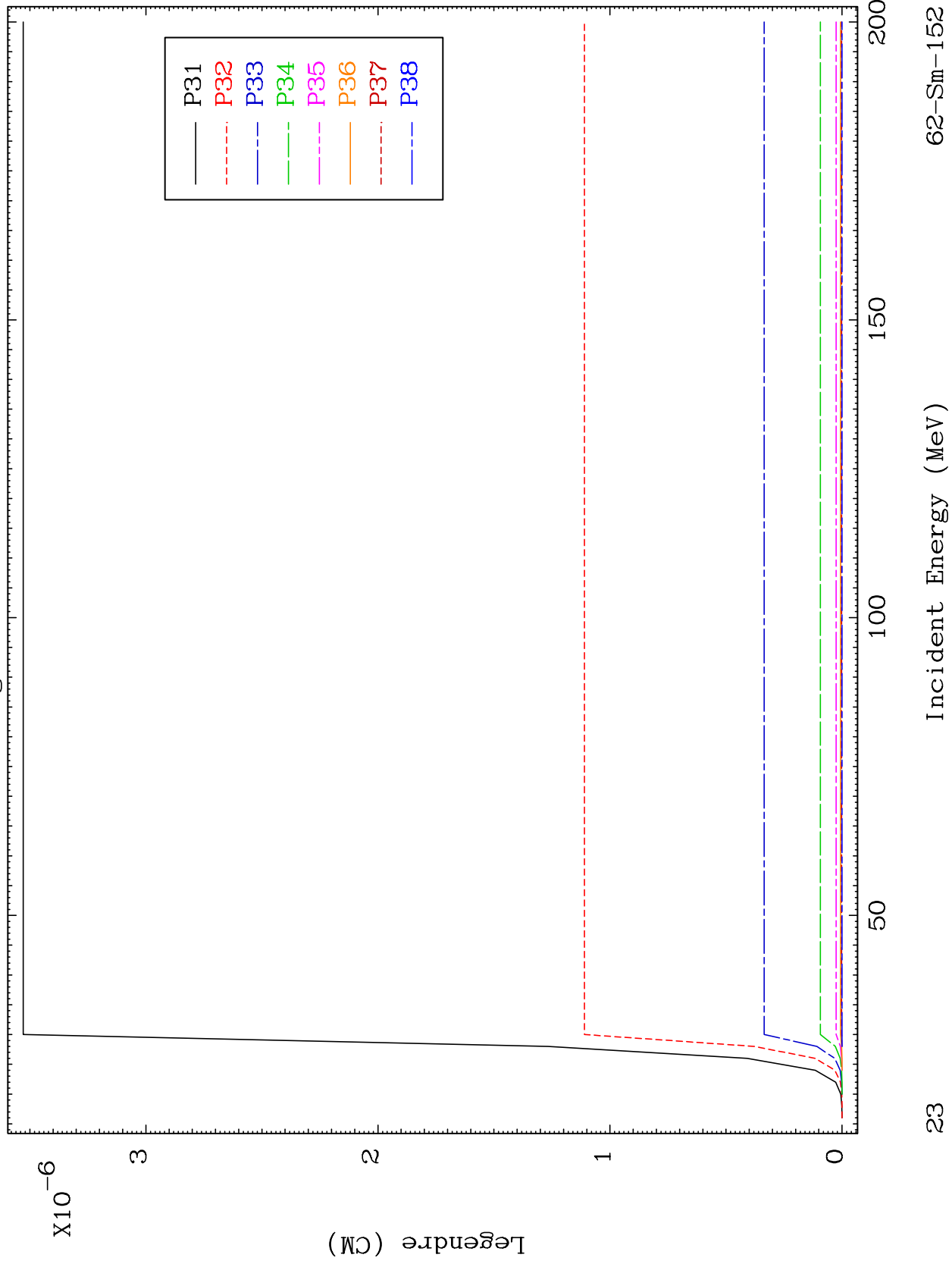
62-Sm-152



MAT 6249

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

62-Sm-152



23

Incident Energy (MeV)

62-Sm-152

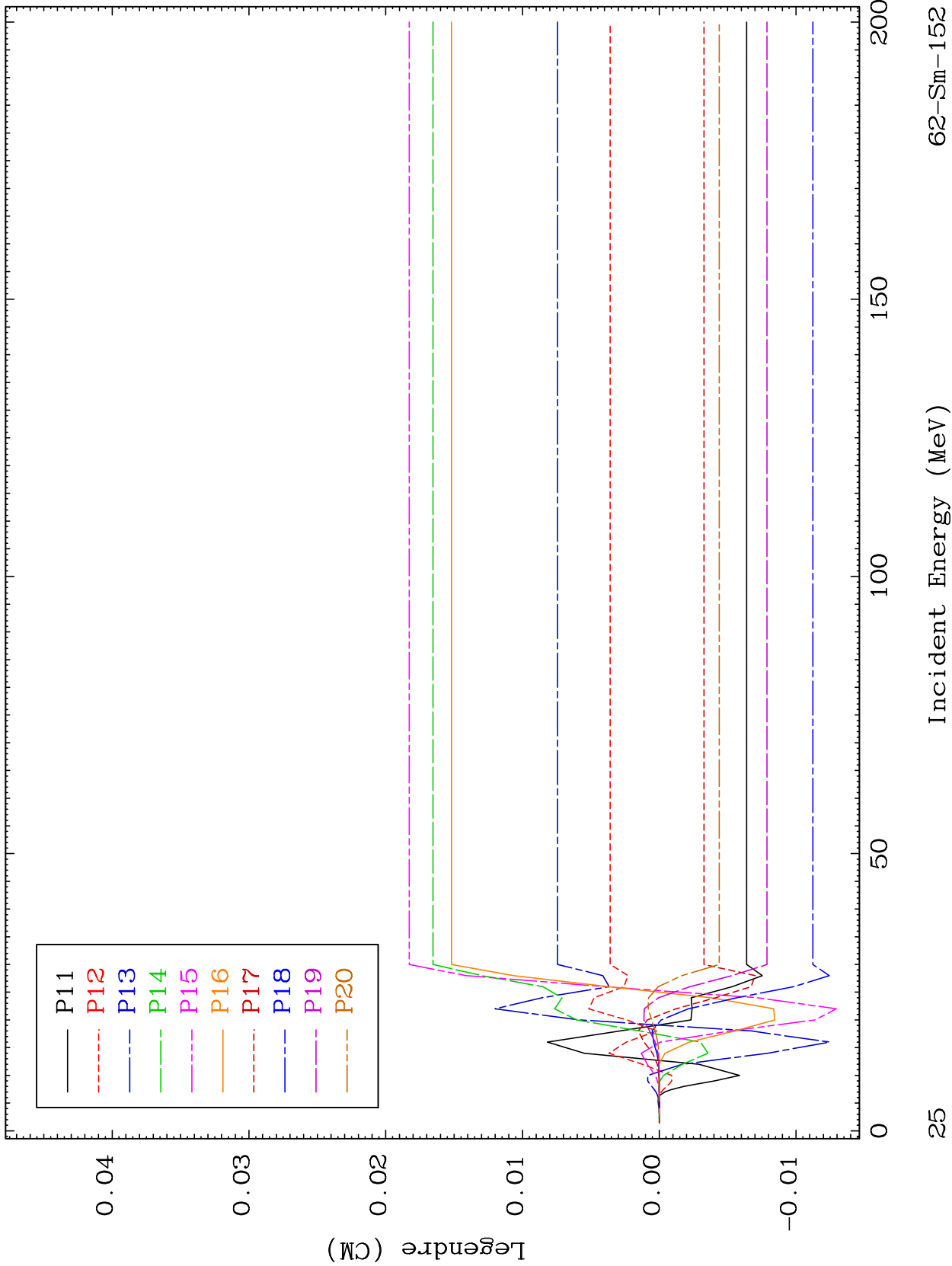




MAT 6249

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

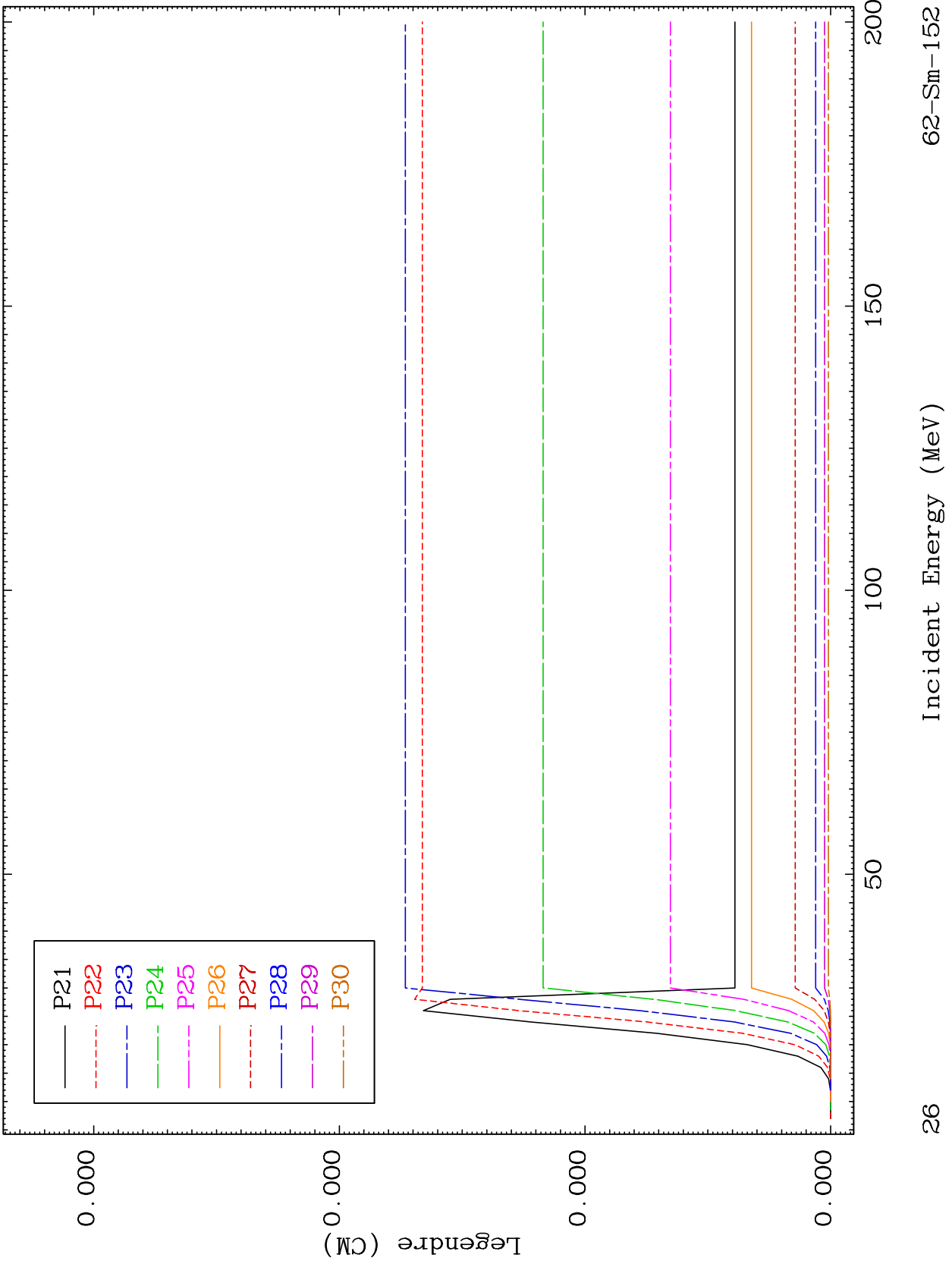
62-Sm-152



62-Sm-152

Incident Energy (MeV)

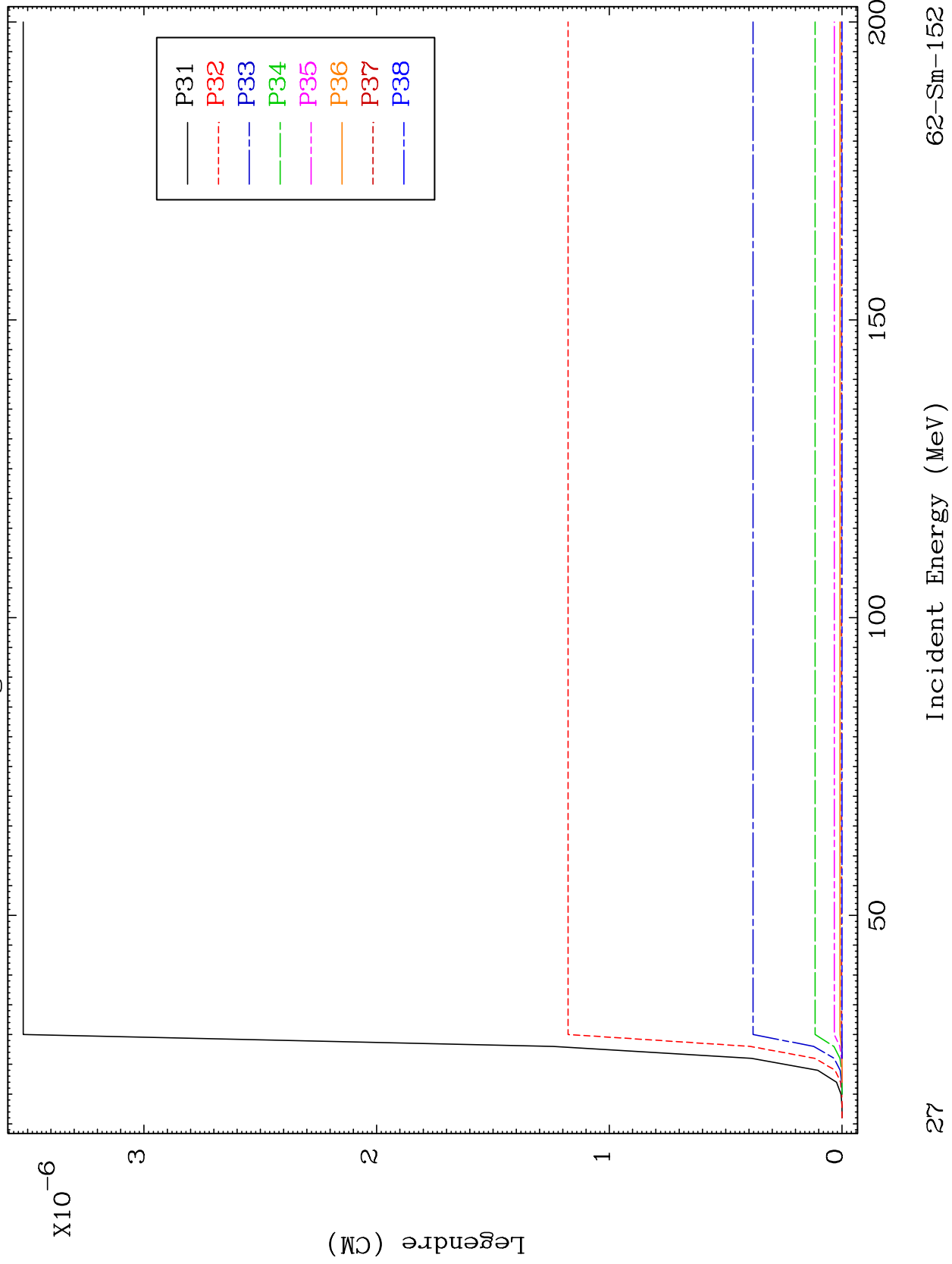
25

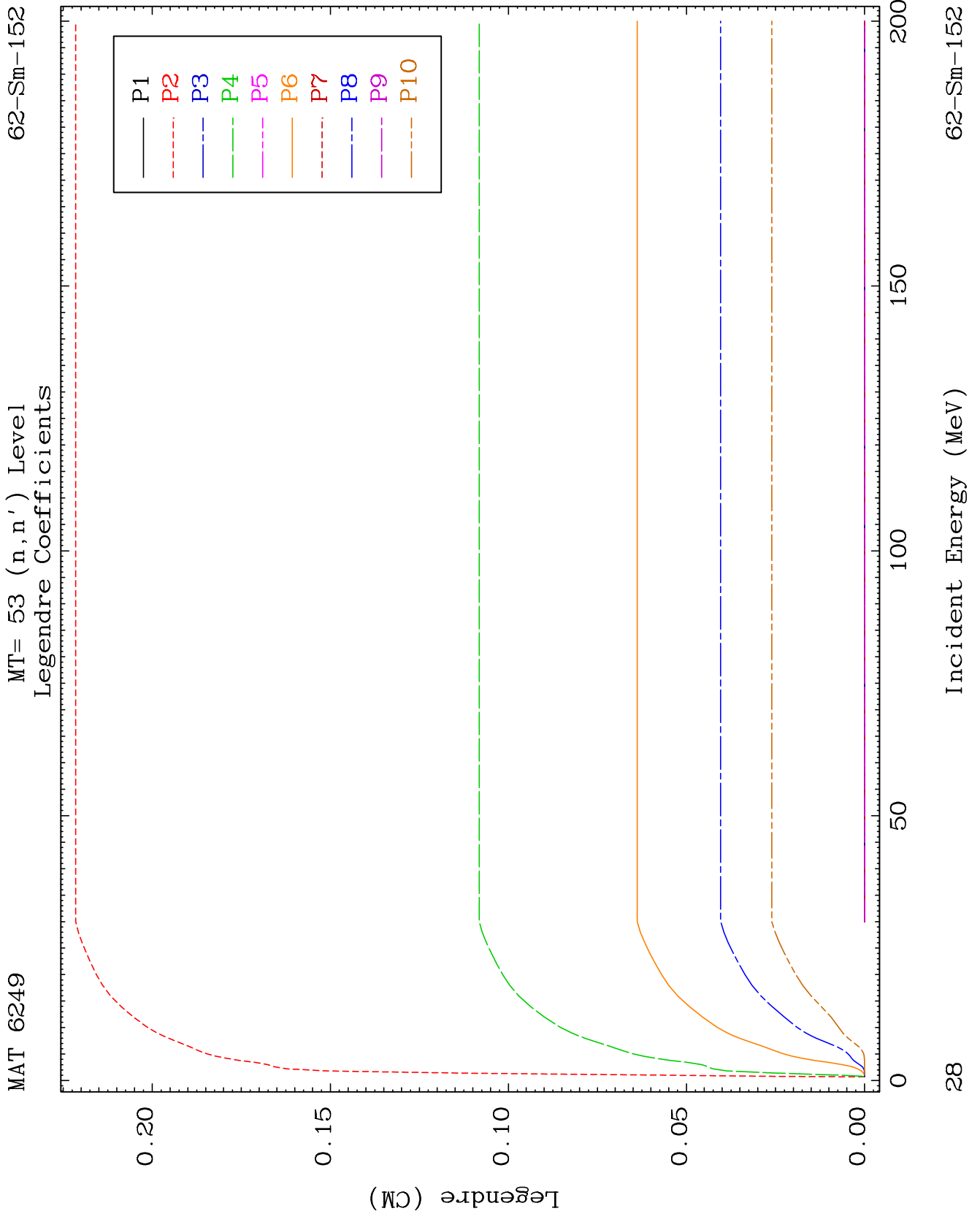


MAT 6249

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

62-Sm-152

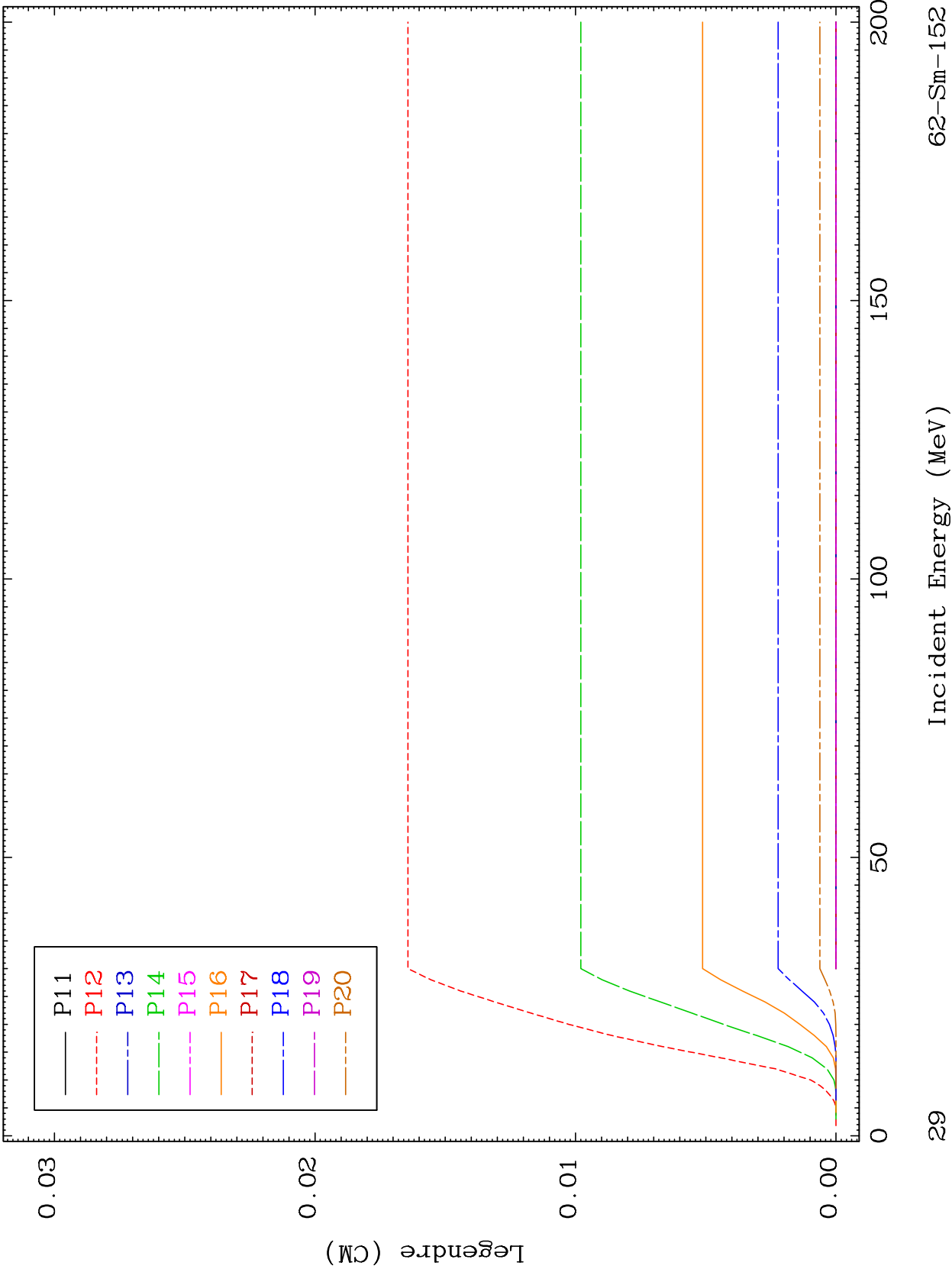




MAT 6249

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

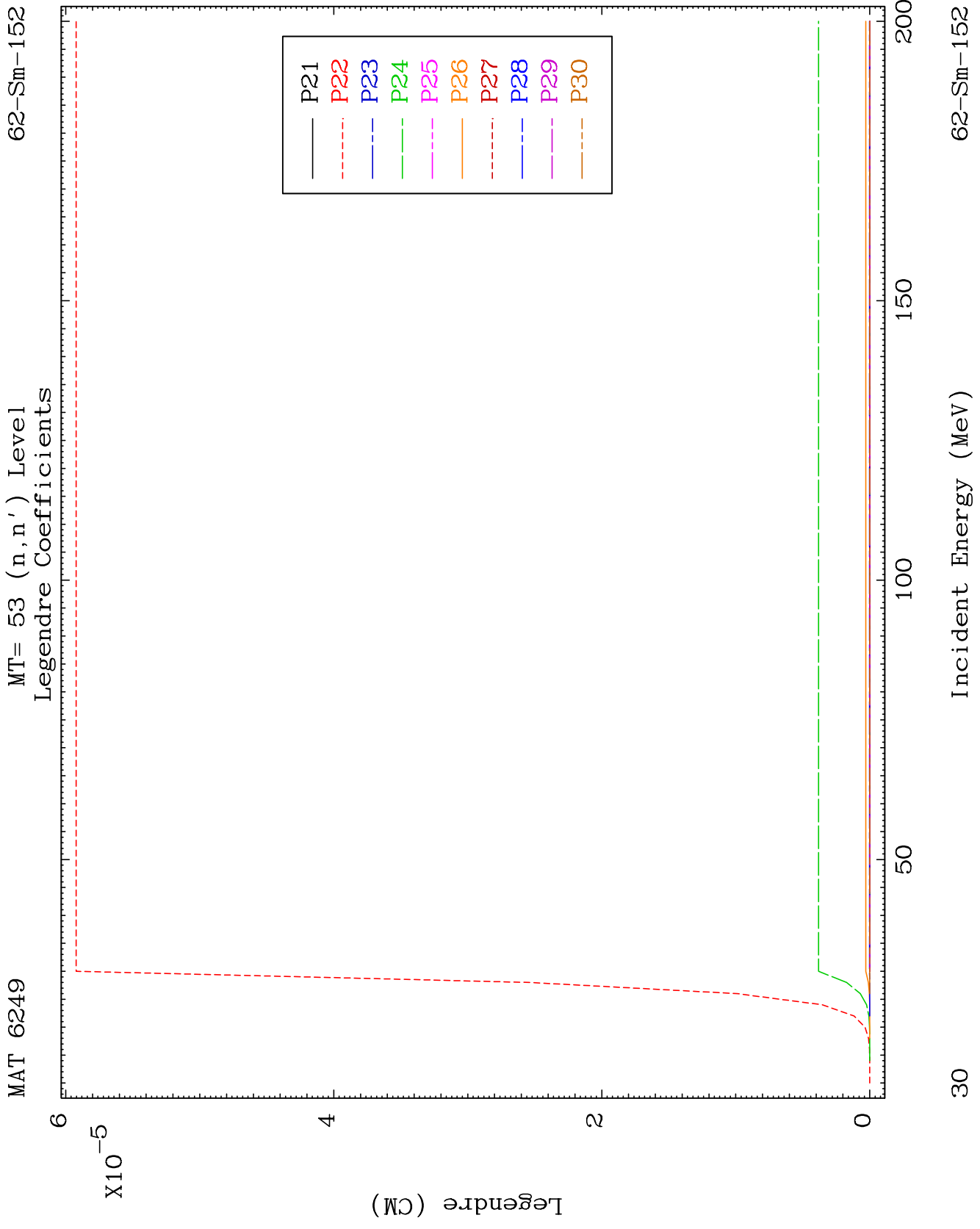
62-Sm-152



29

Incident Energy (MeV)

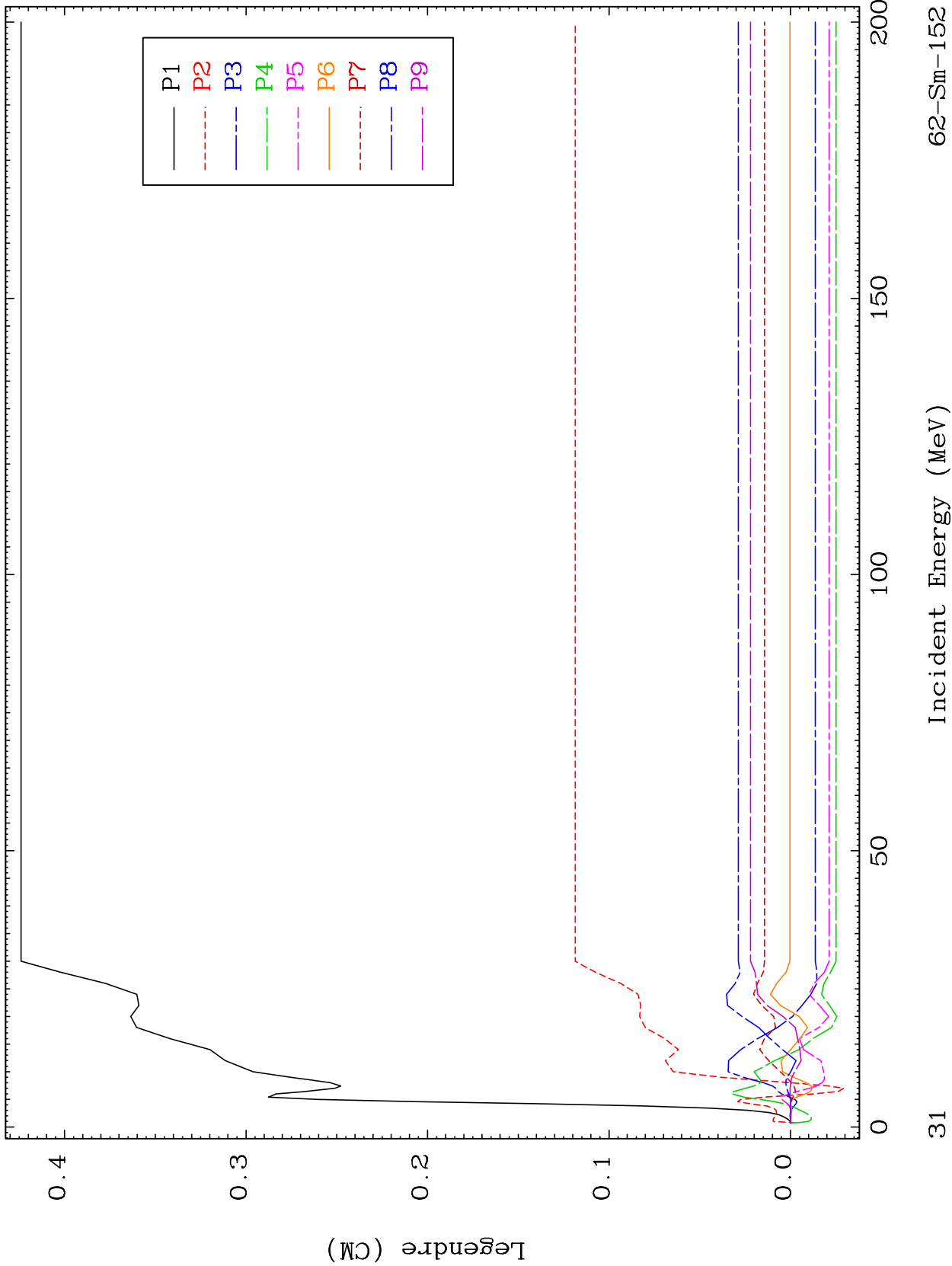
62-Sm-152



MAT 6249

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

62-Sm-152



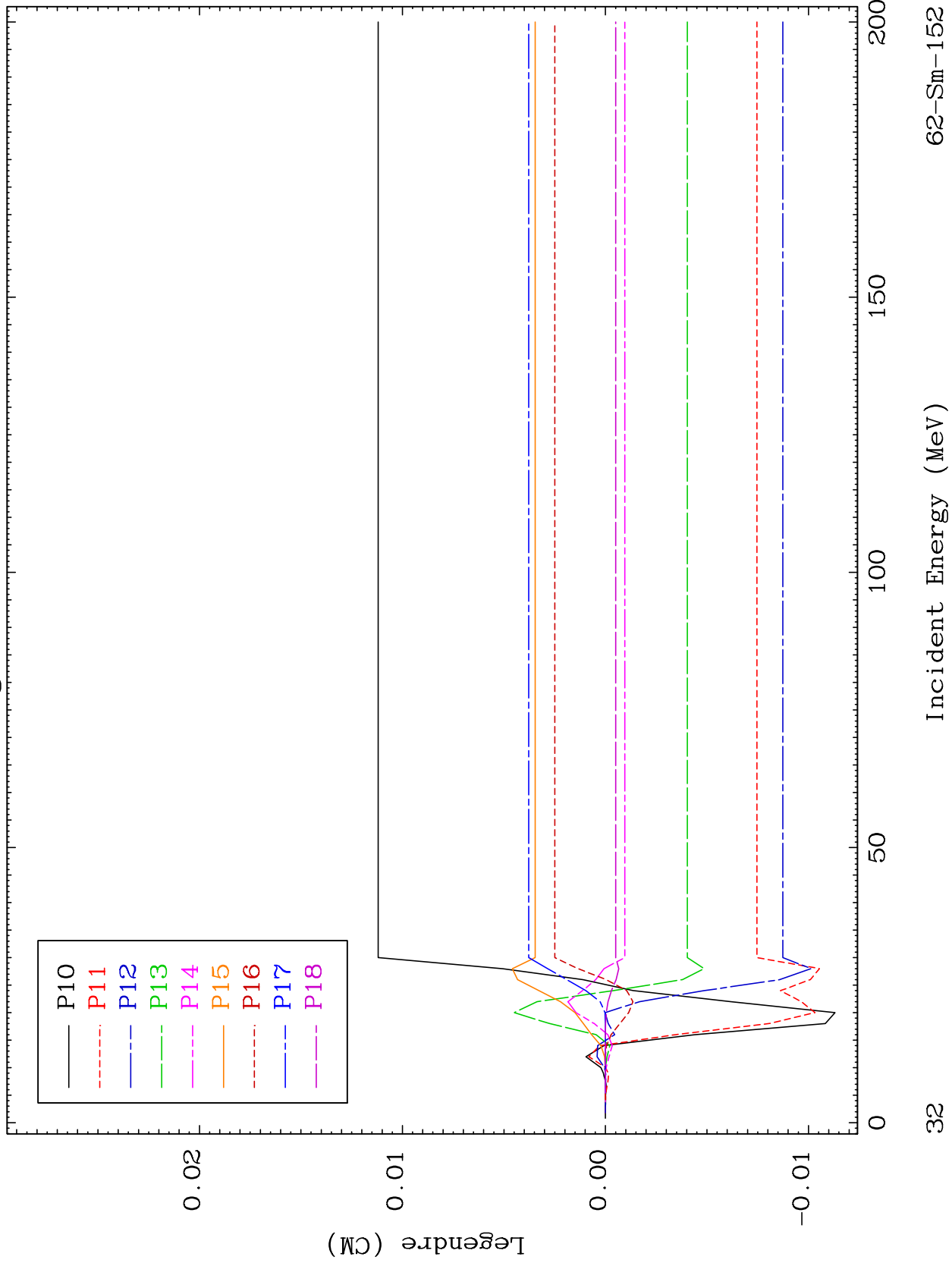
31



MAT 6249

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

62-Sm-152



32

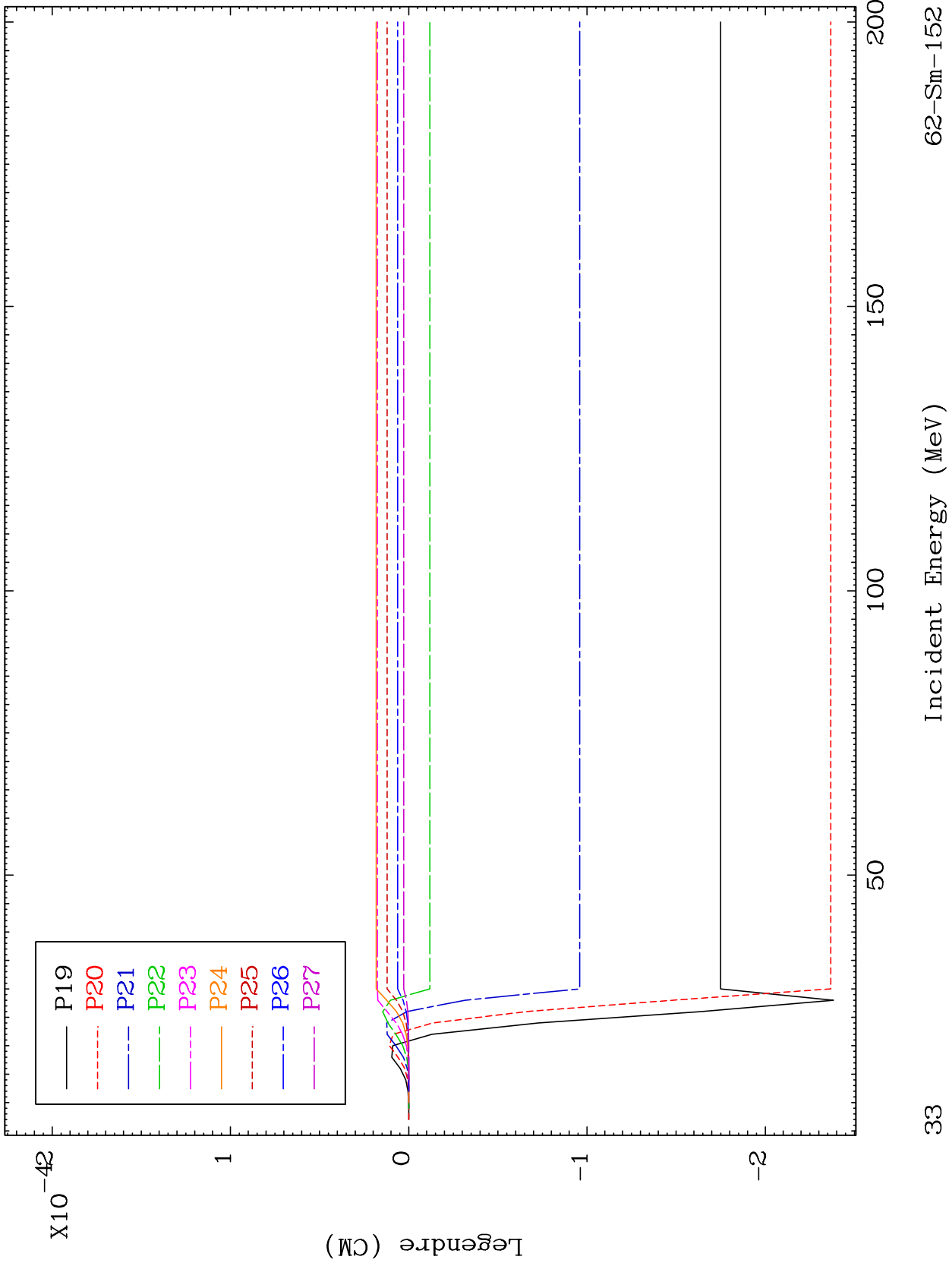
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

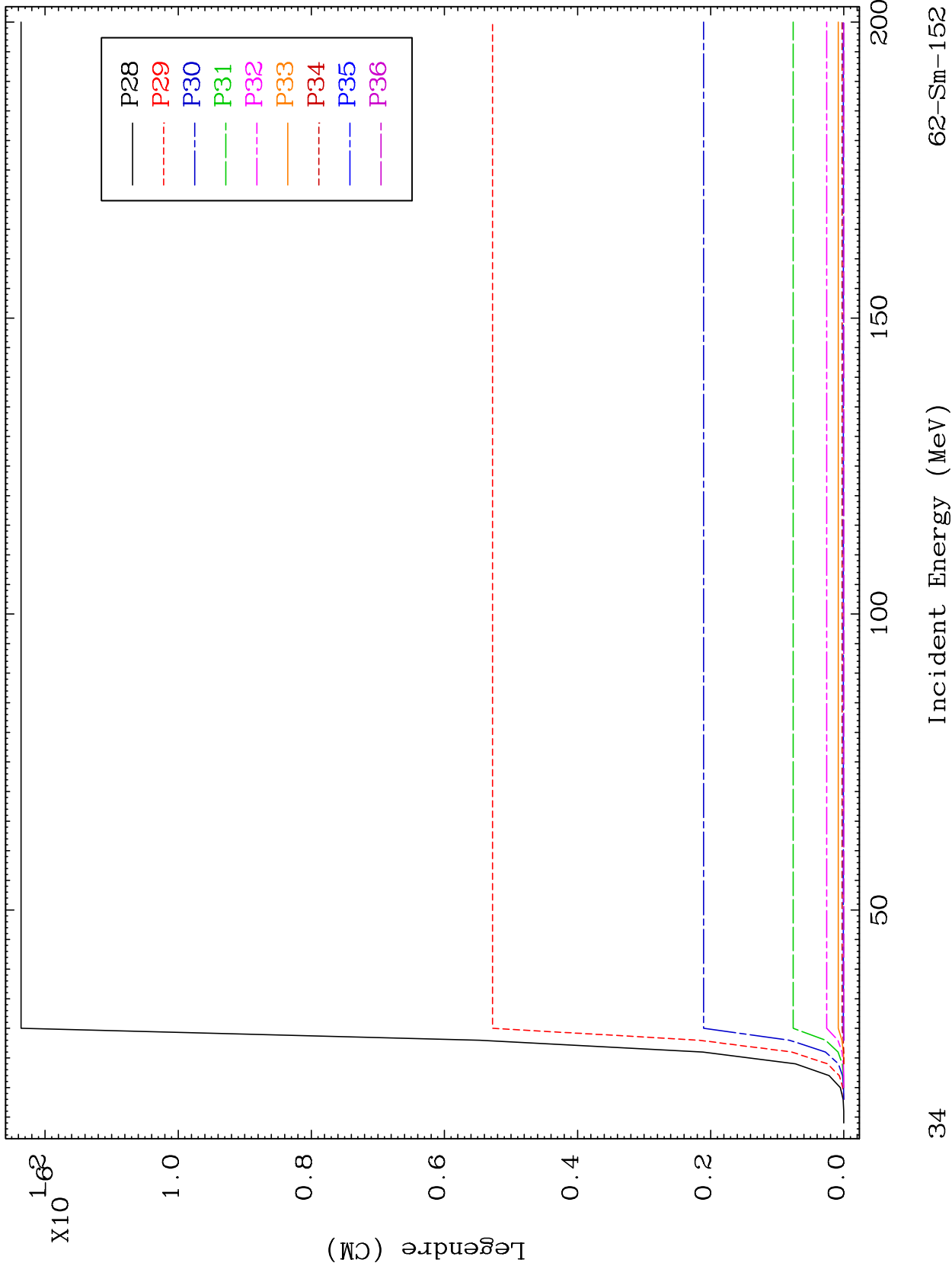
62-Sm-152



MAT 6249

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

62-Sm-152



34

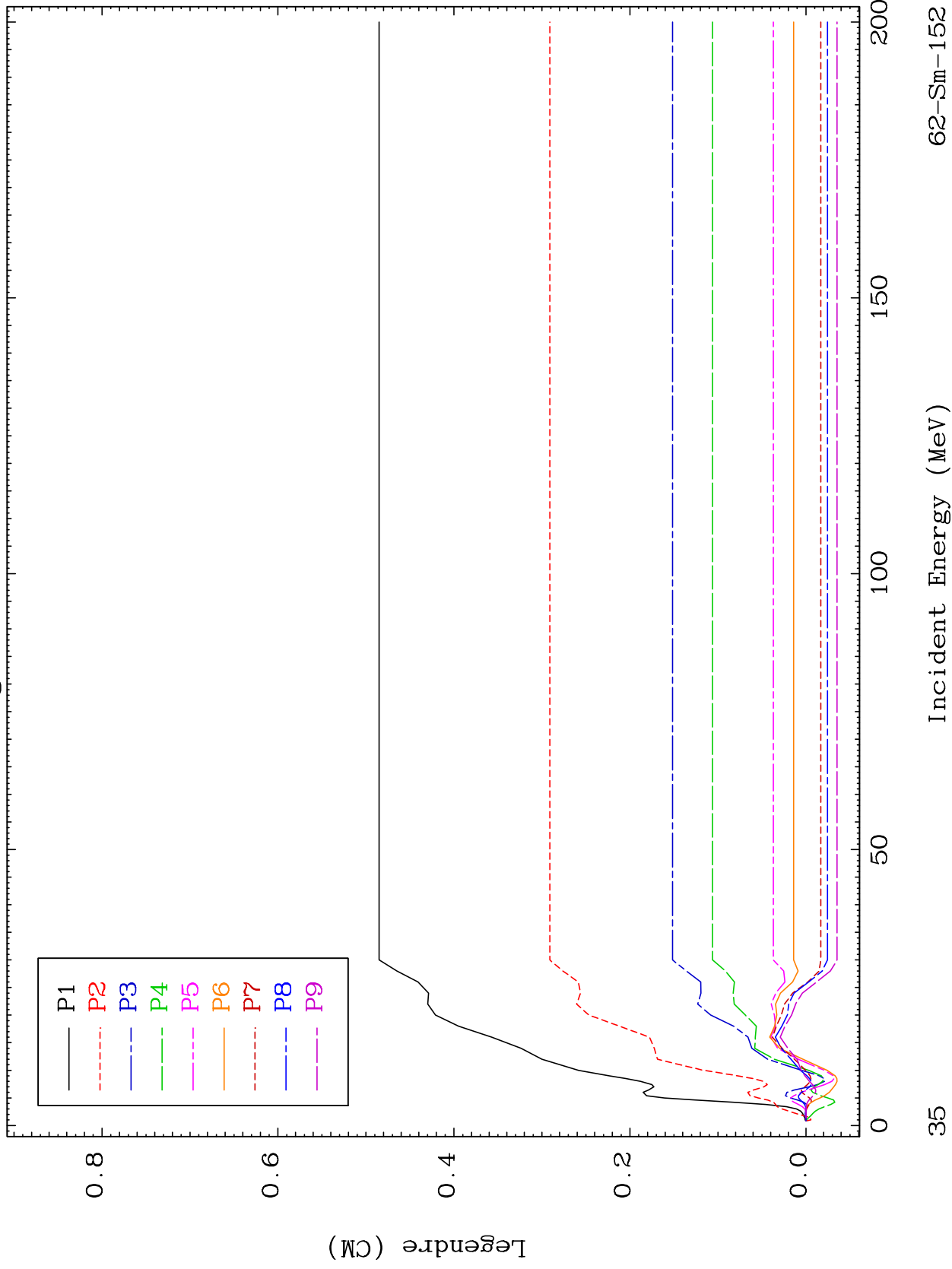
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

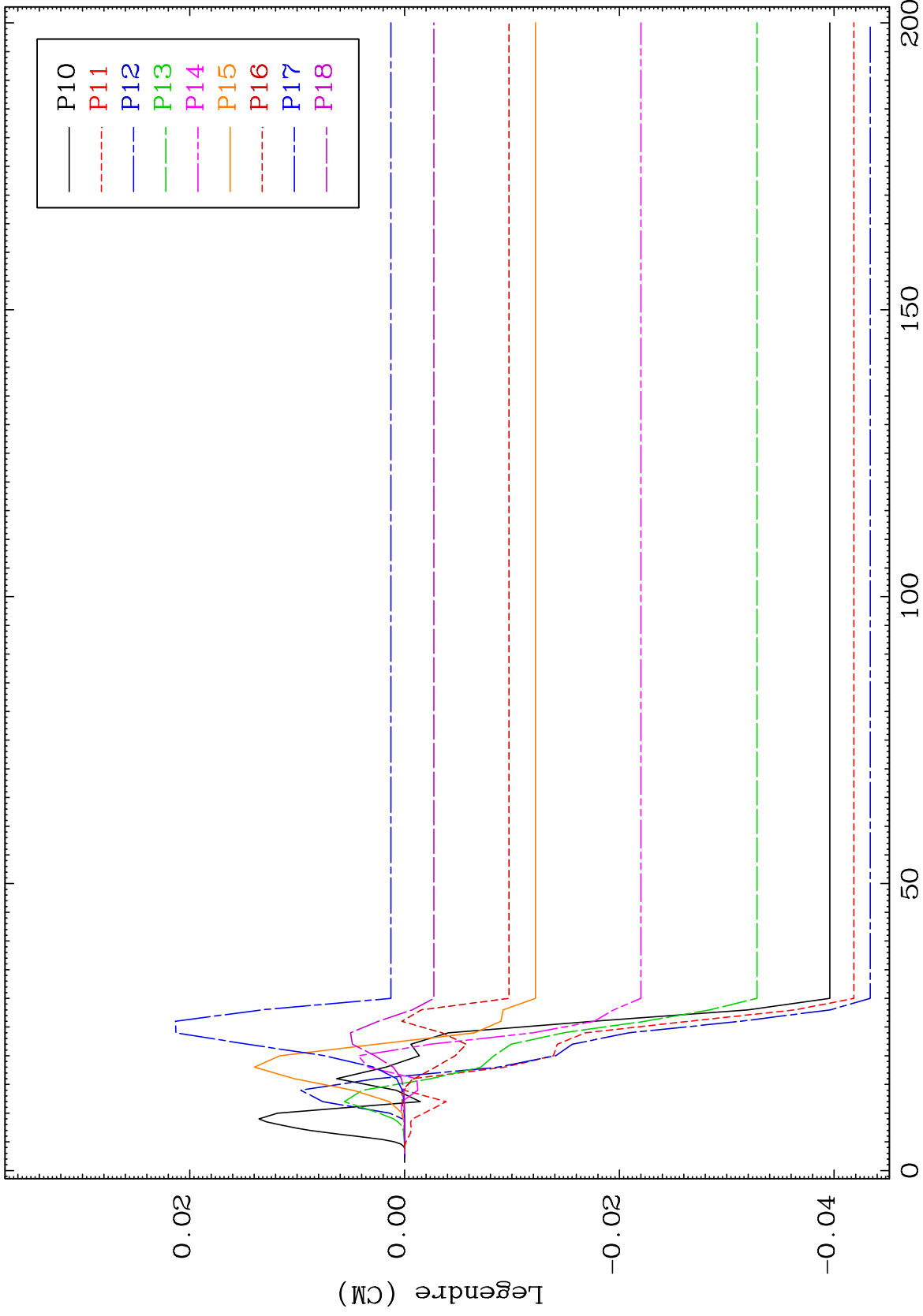
Incident Energy (MeV)

35

MAT 6249

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

62-Sm-152



36

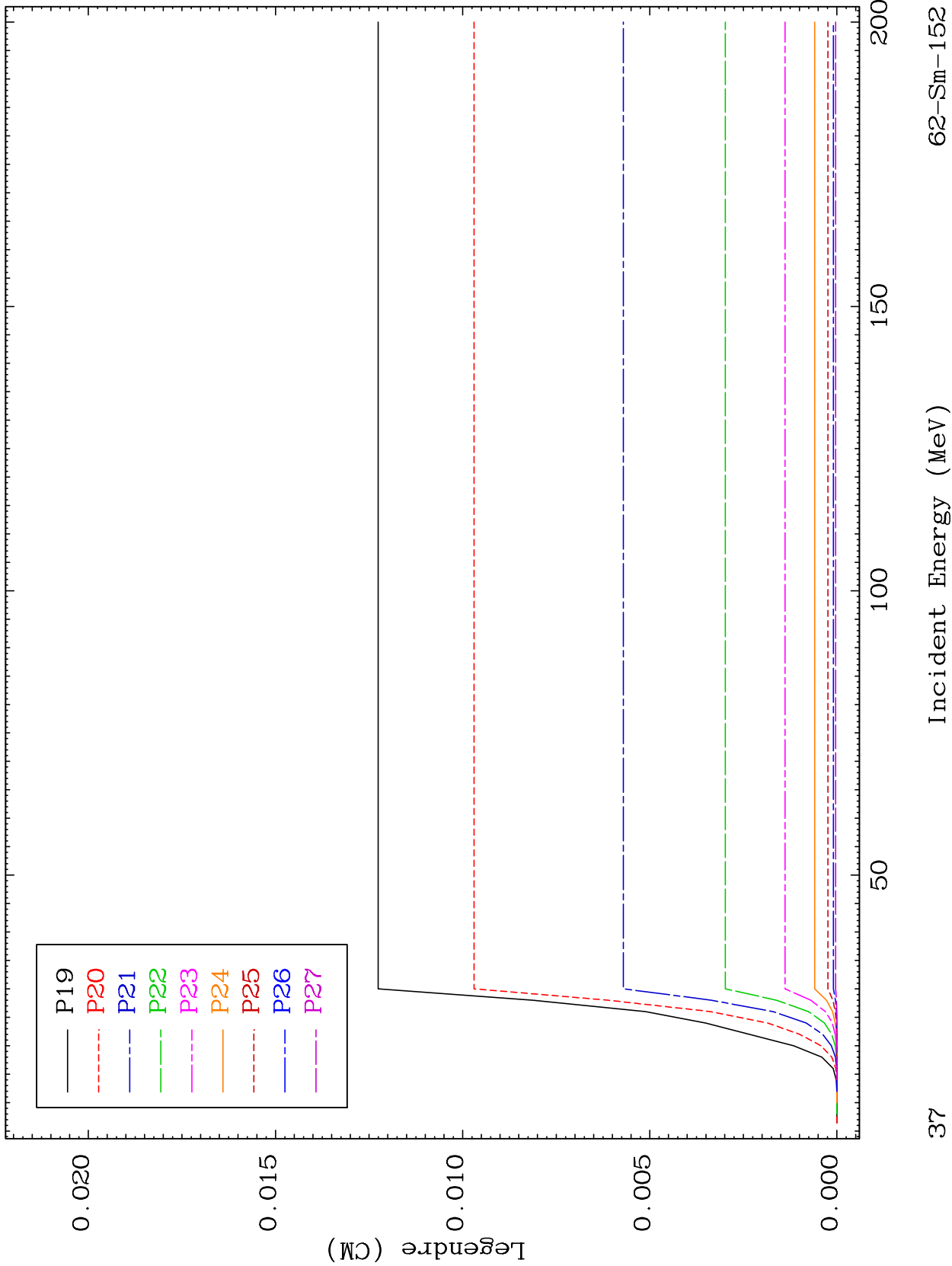
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

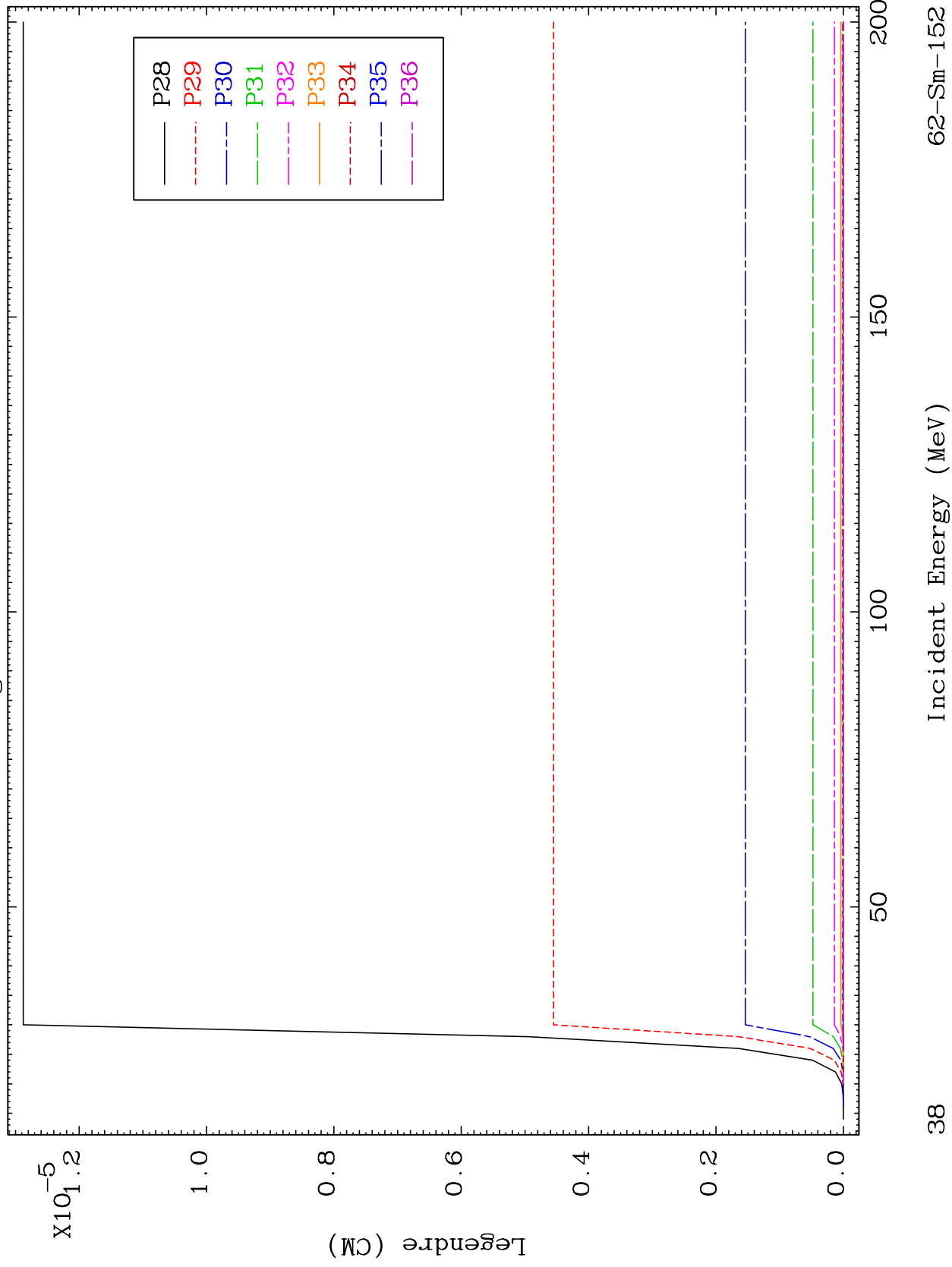
62-Sm-152



MAT 6249

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

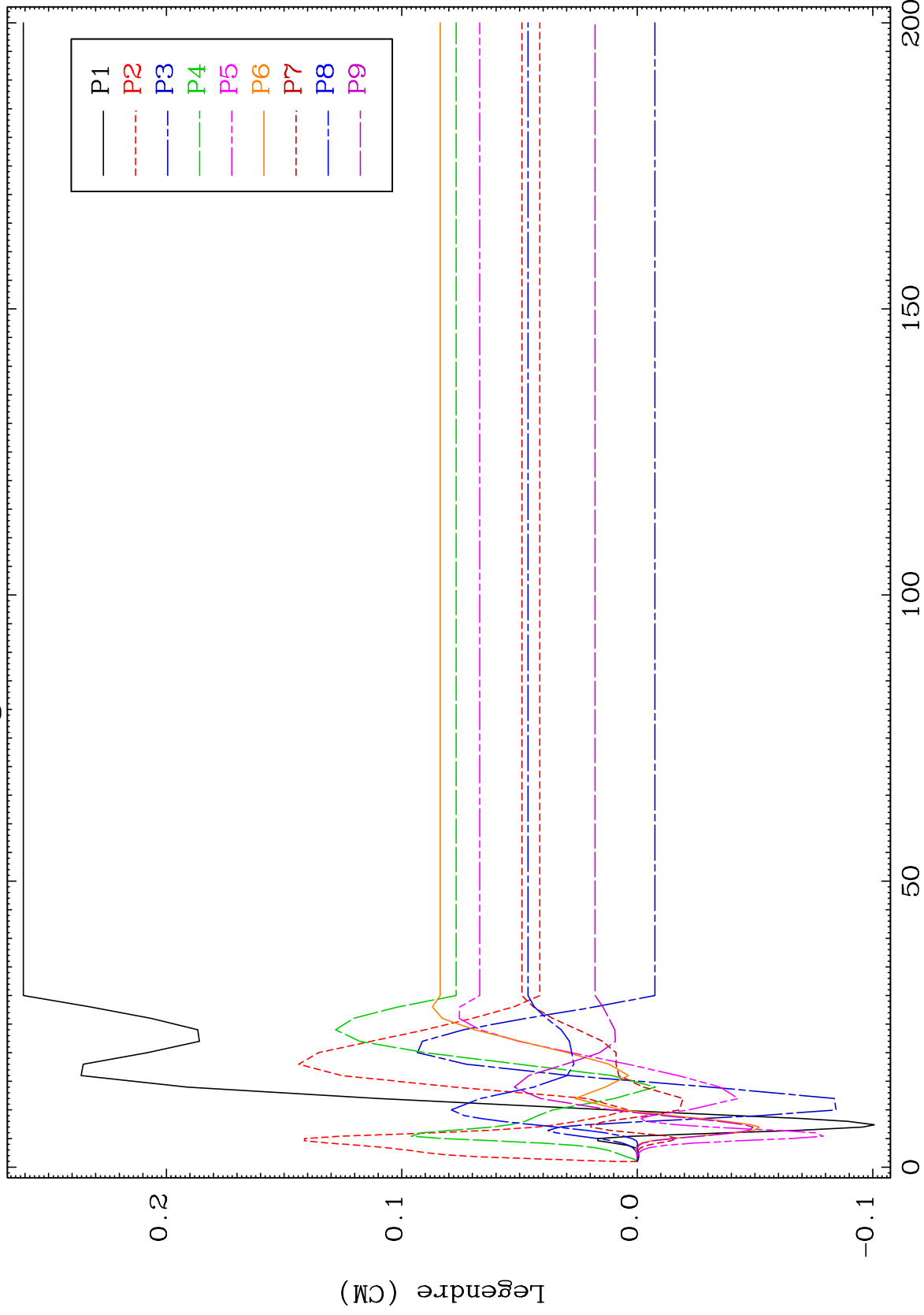
62-Sm-152



MAT 6249

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

62-Sm-152



39

Incident Energy (MeV)

62-Sm-152

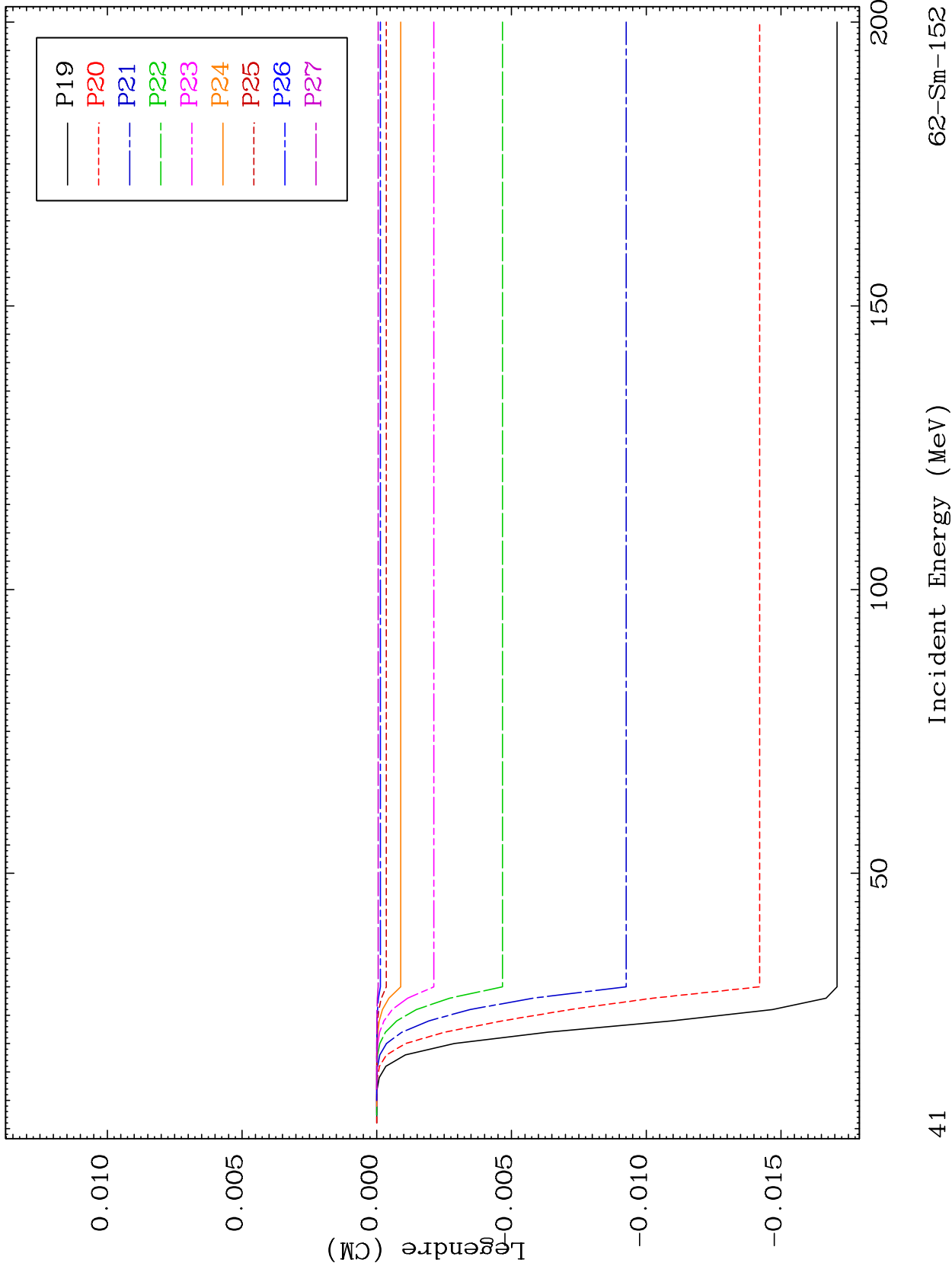


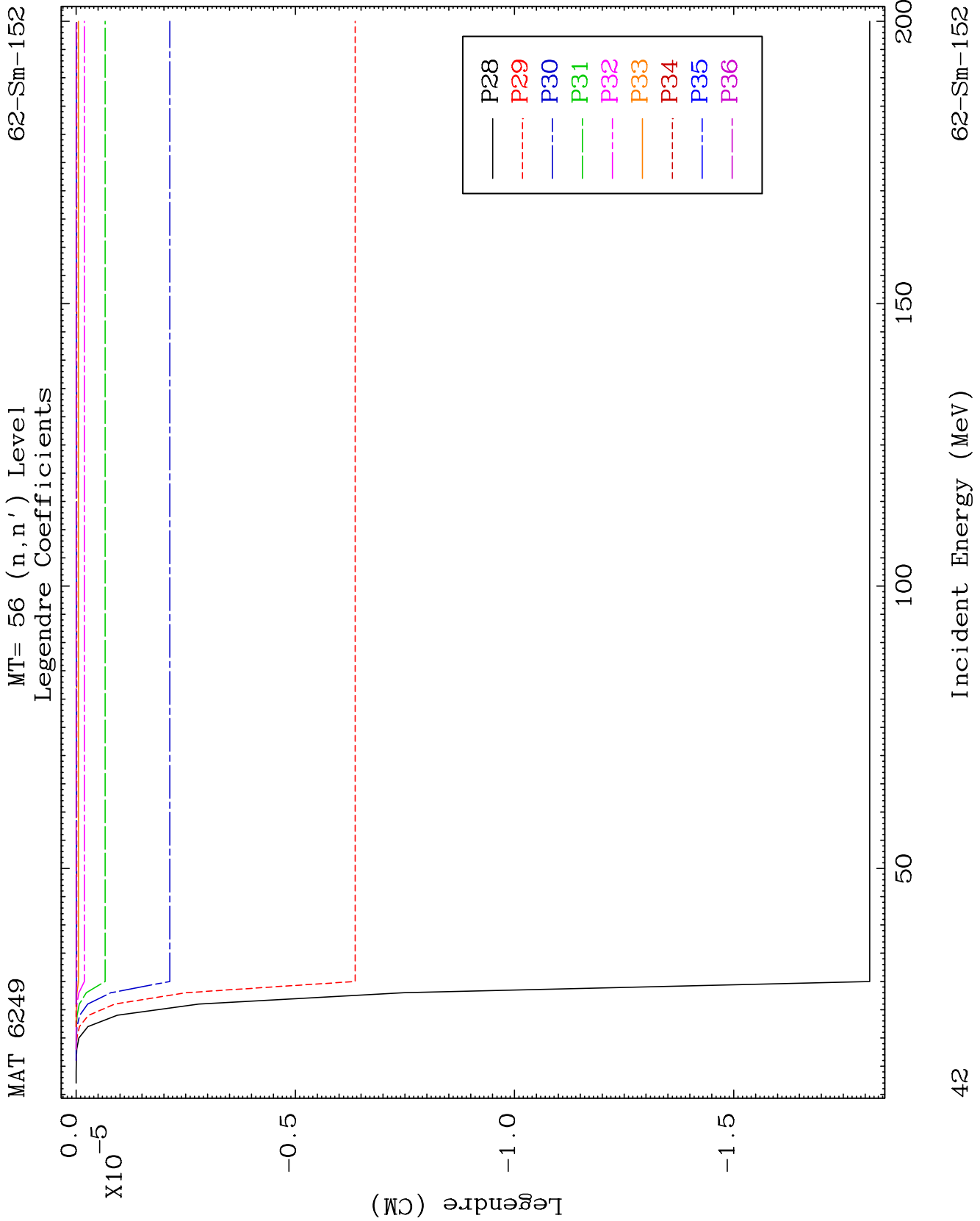


MAT 6249

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

62-Sm-152

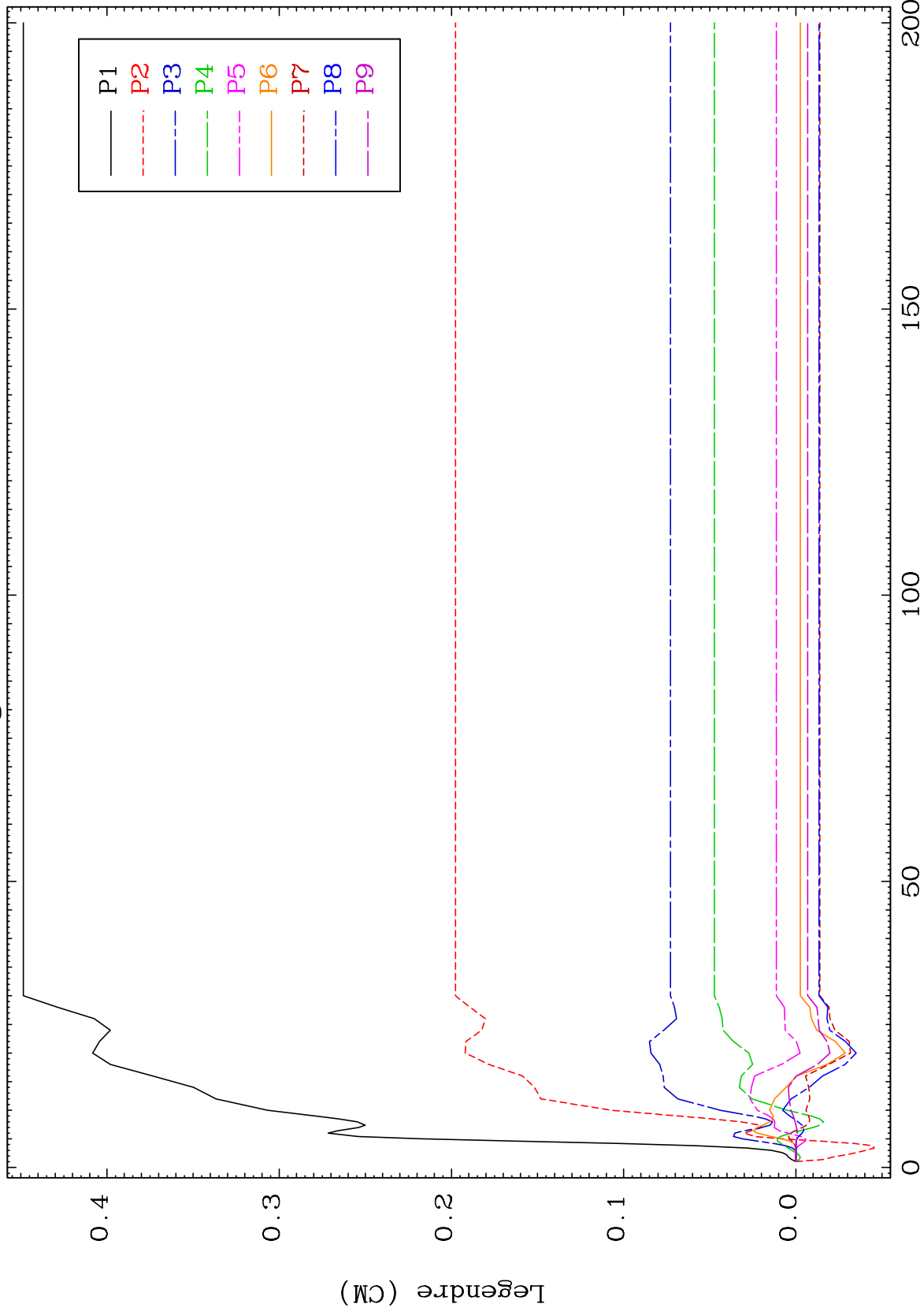




MAT 6249

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

62-Sm-152



43

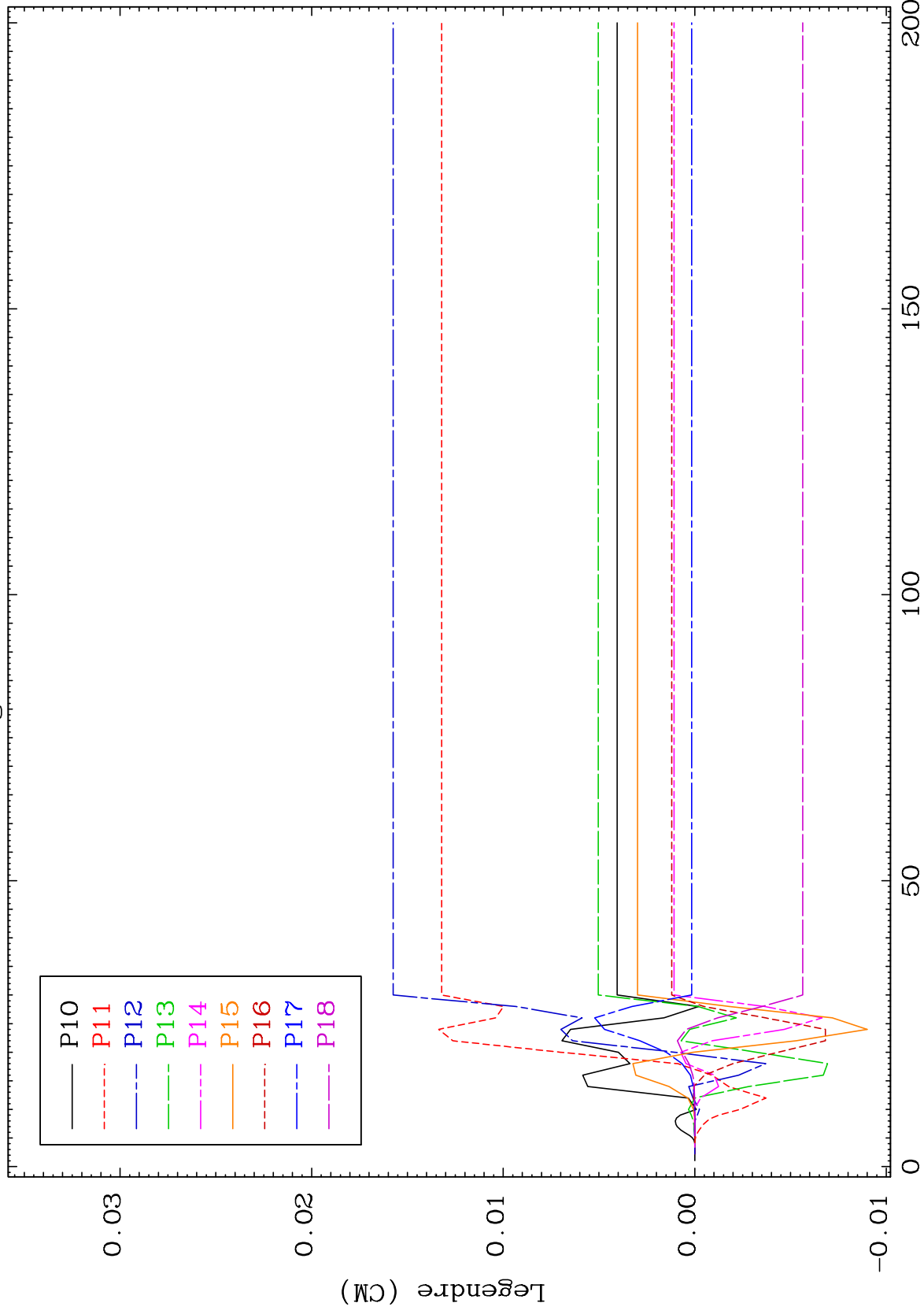
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



44

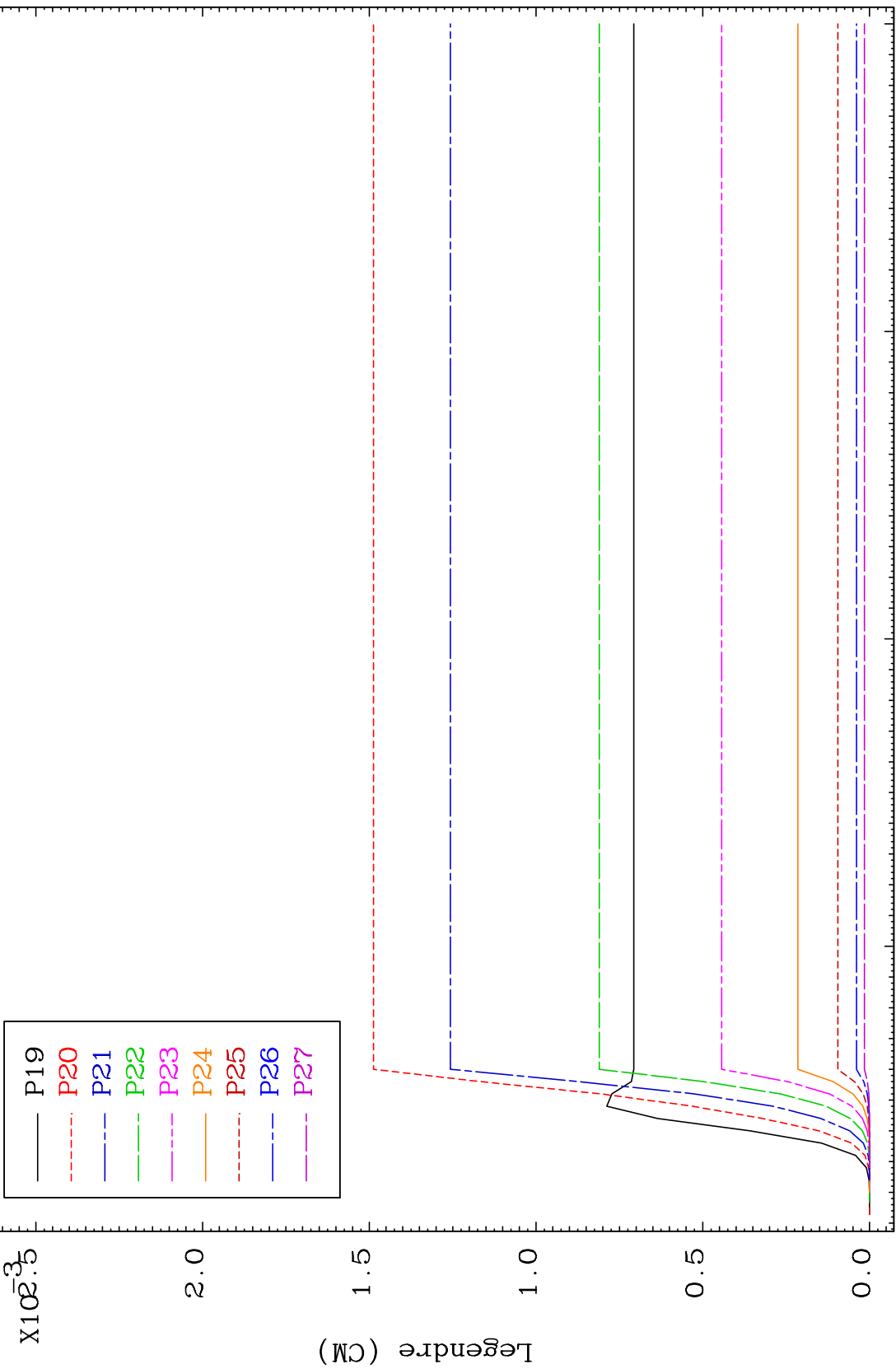
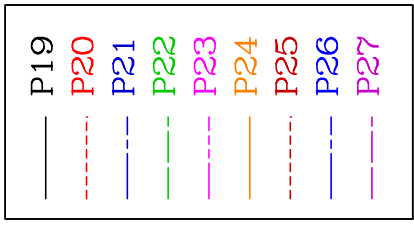
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



45

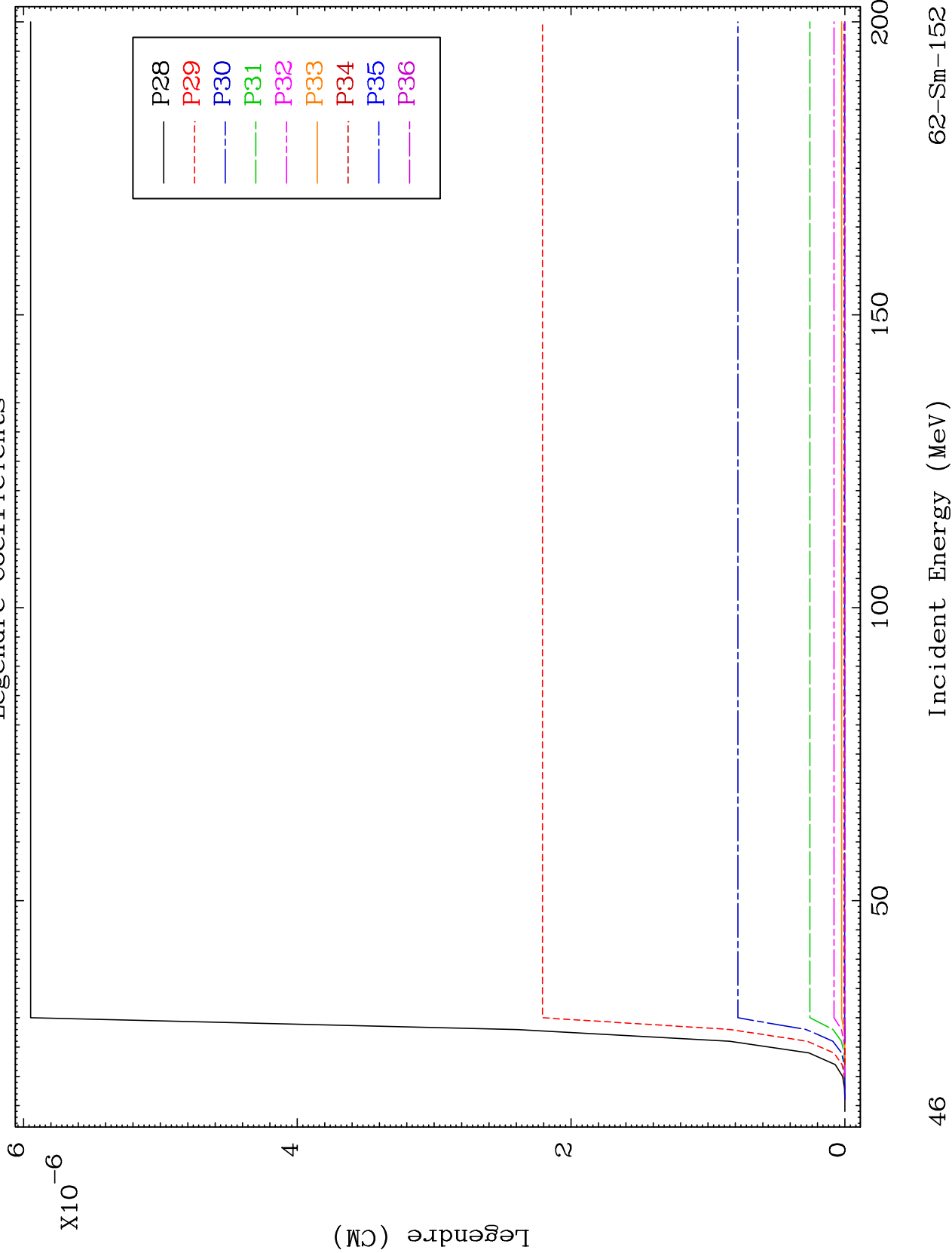
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



46

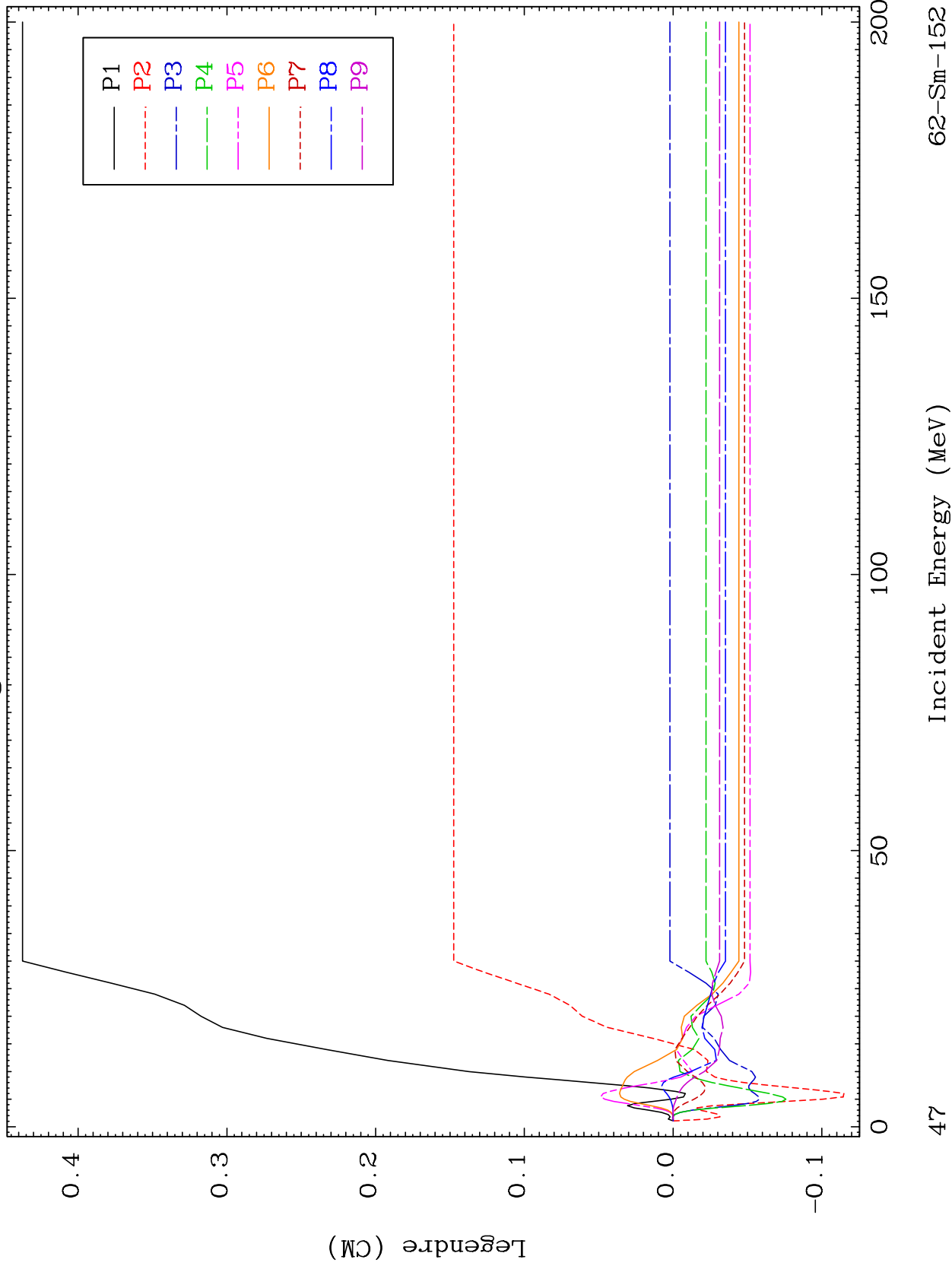
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



47

Incident Energy (MeV)

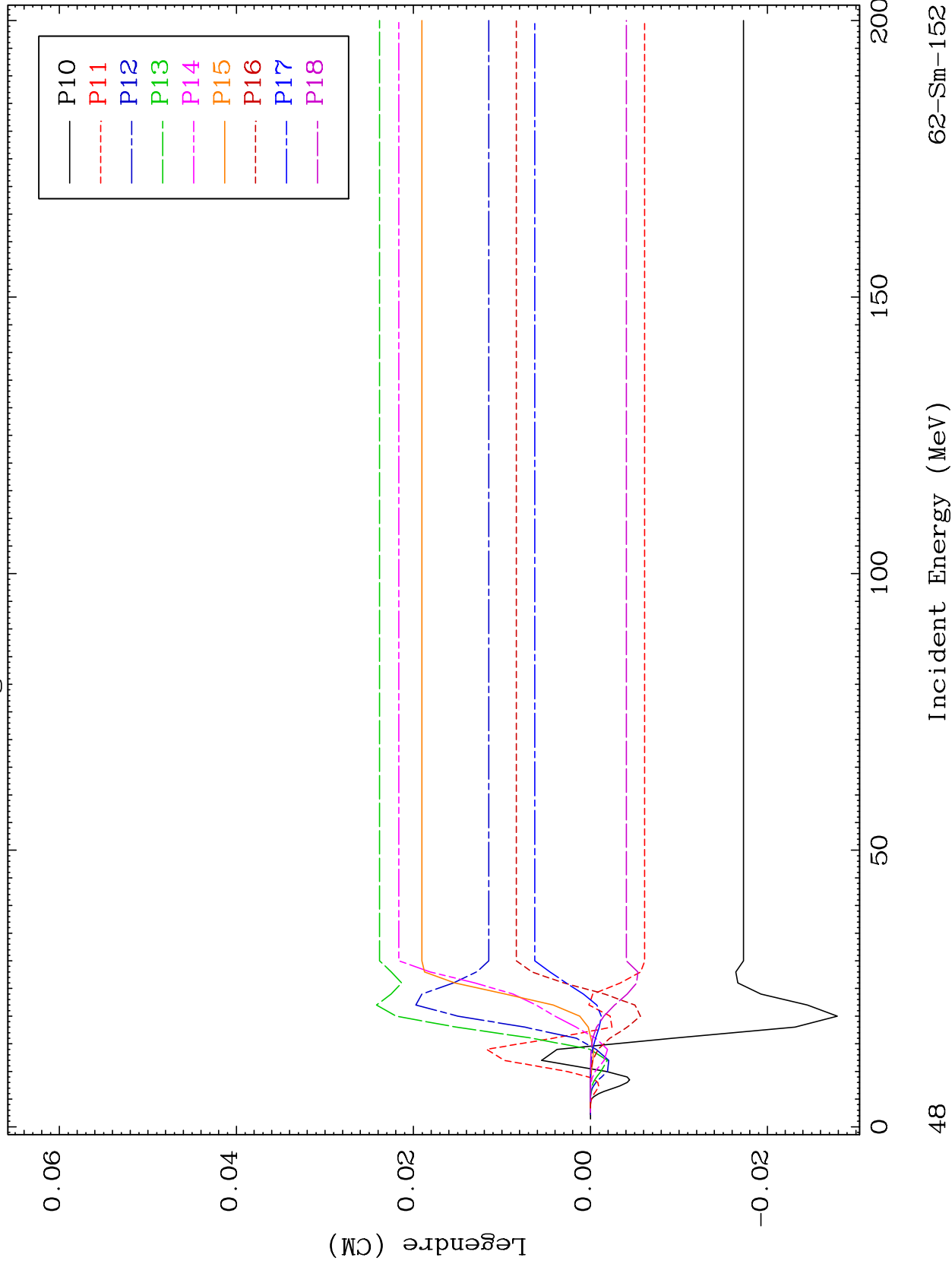
62-Sm-152



MAT 6249

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

62-Sm-152



48

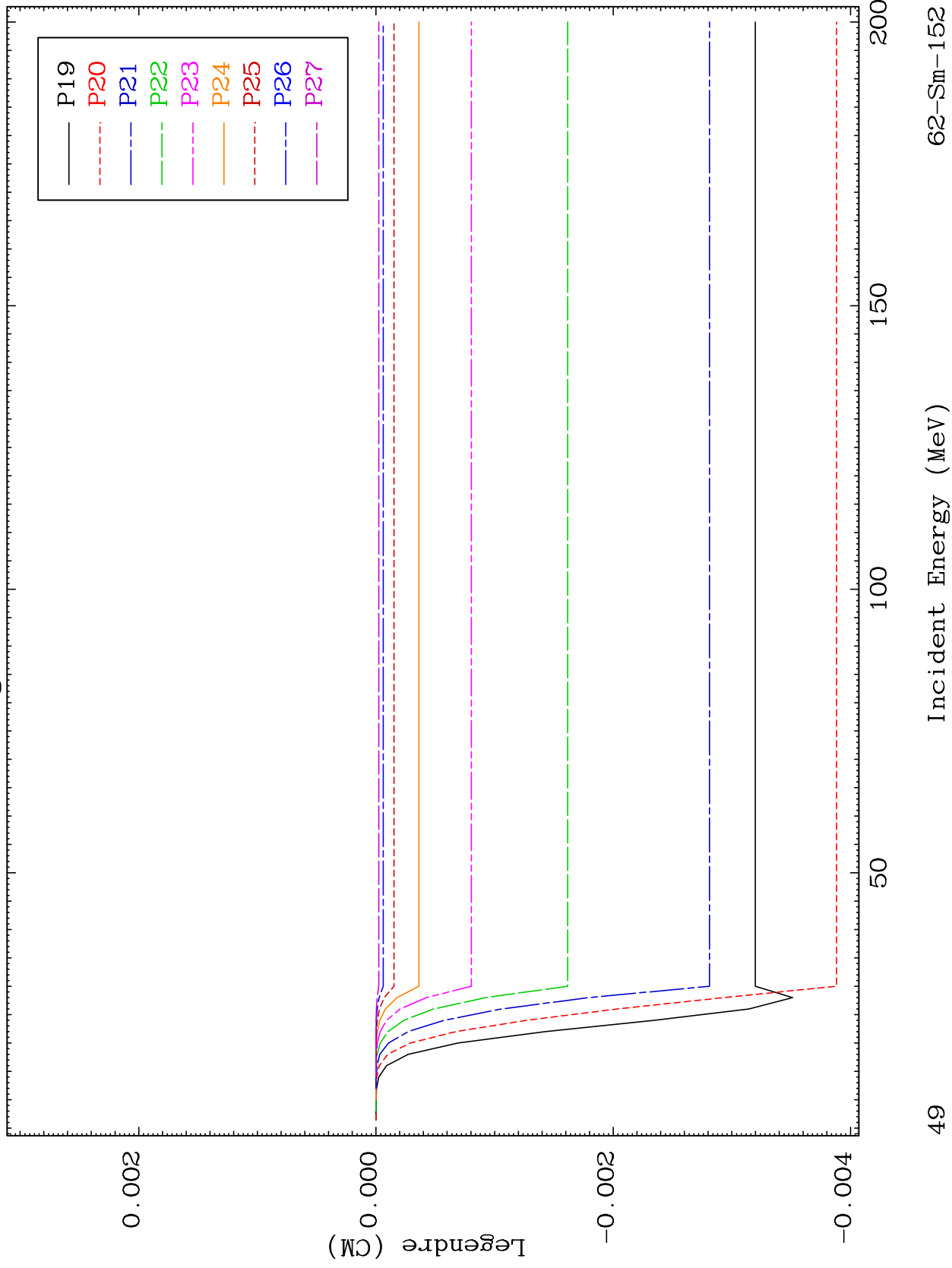
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152

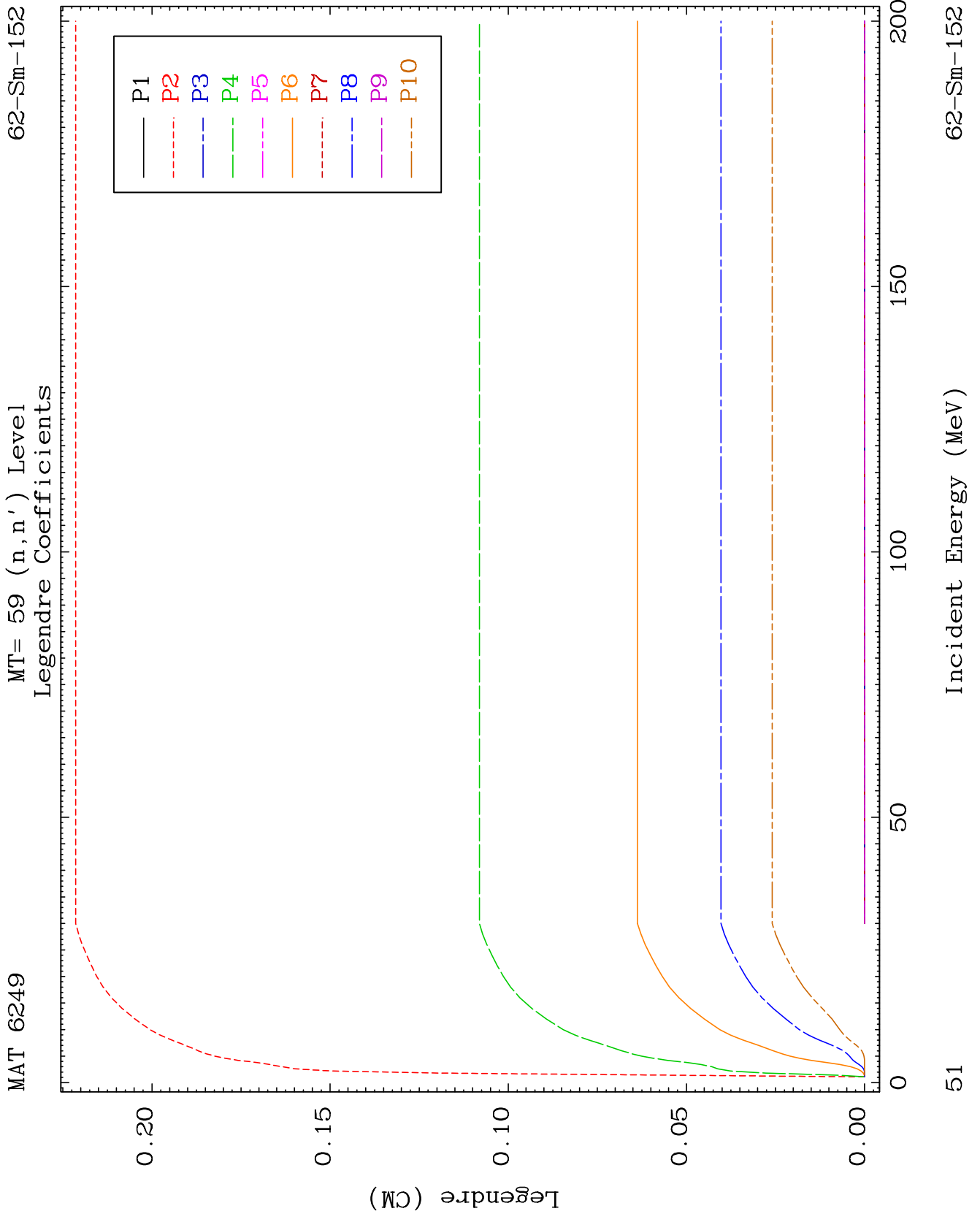


49

Incident Energy (MeV)

62-Sm-152

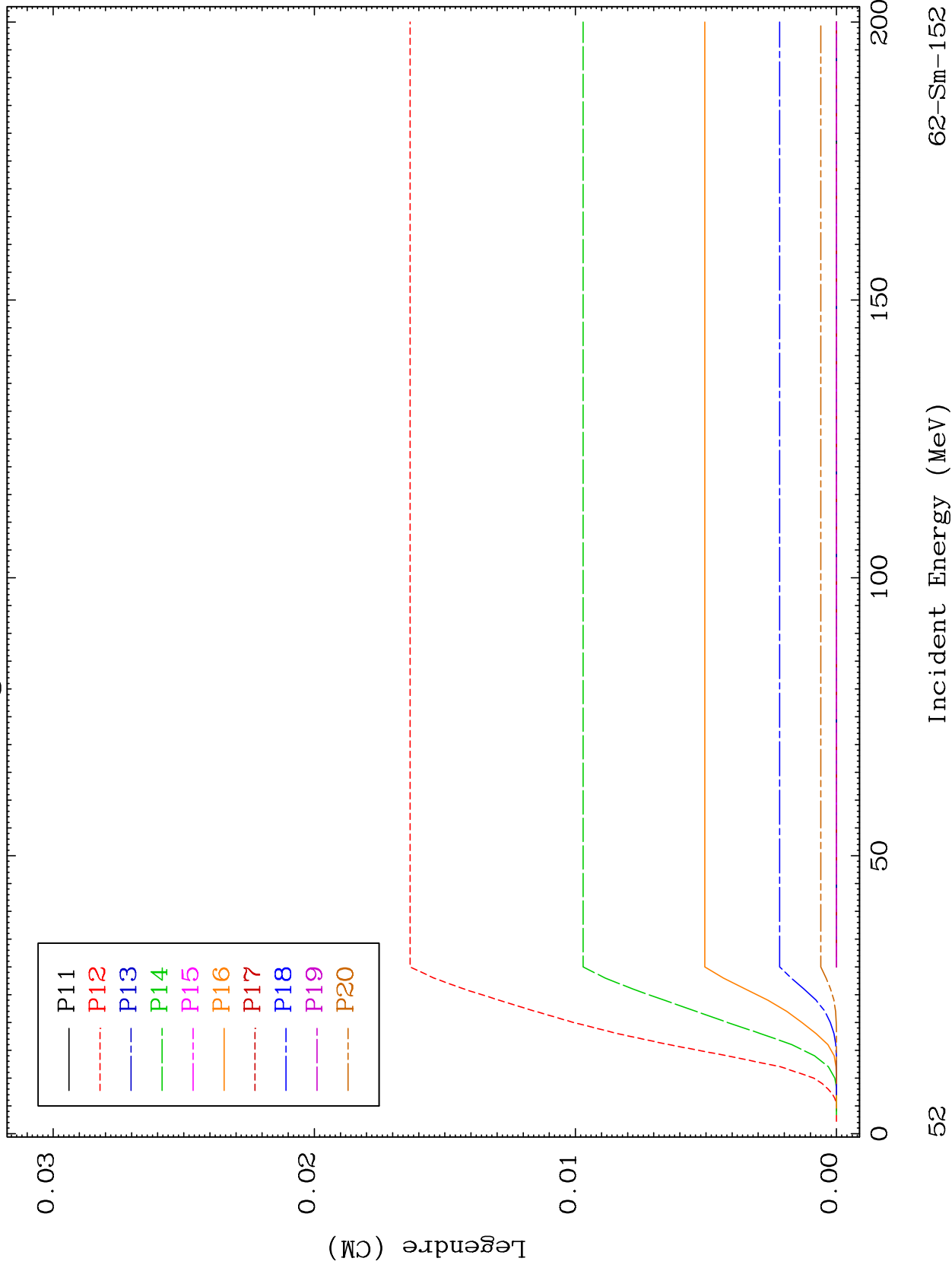




MAT 6249

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

62-Sm-152



62-Sm-152

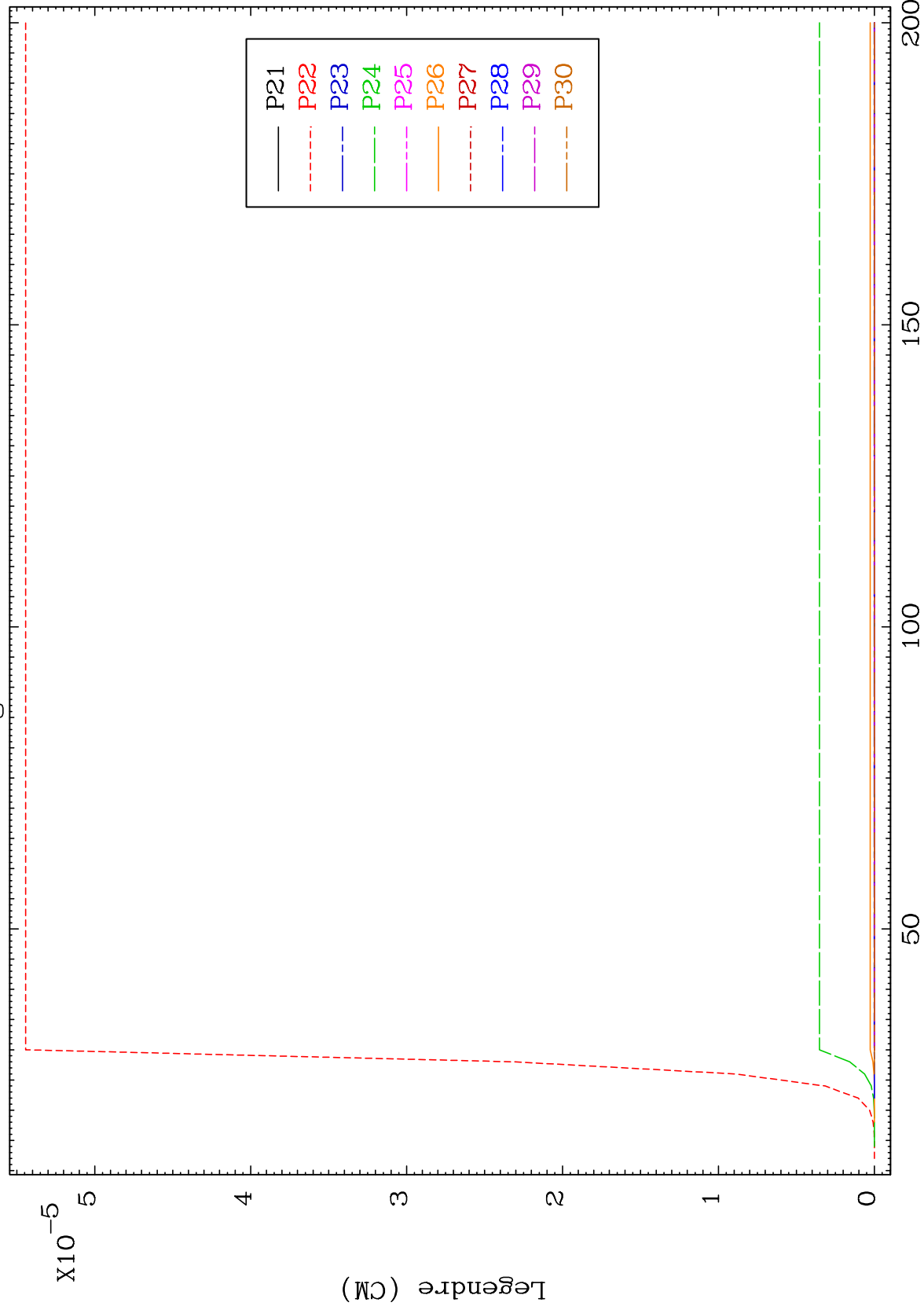
Incident Energy (MeV)

52

MAT 6249

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

62-Sm-152



53

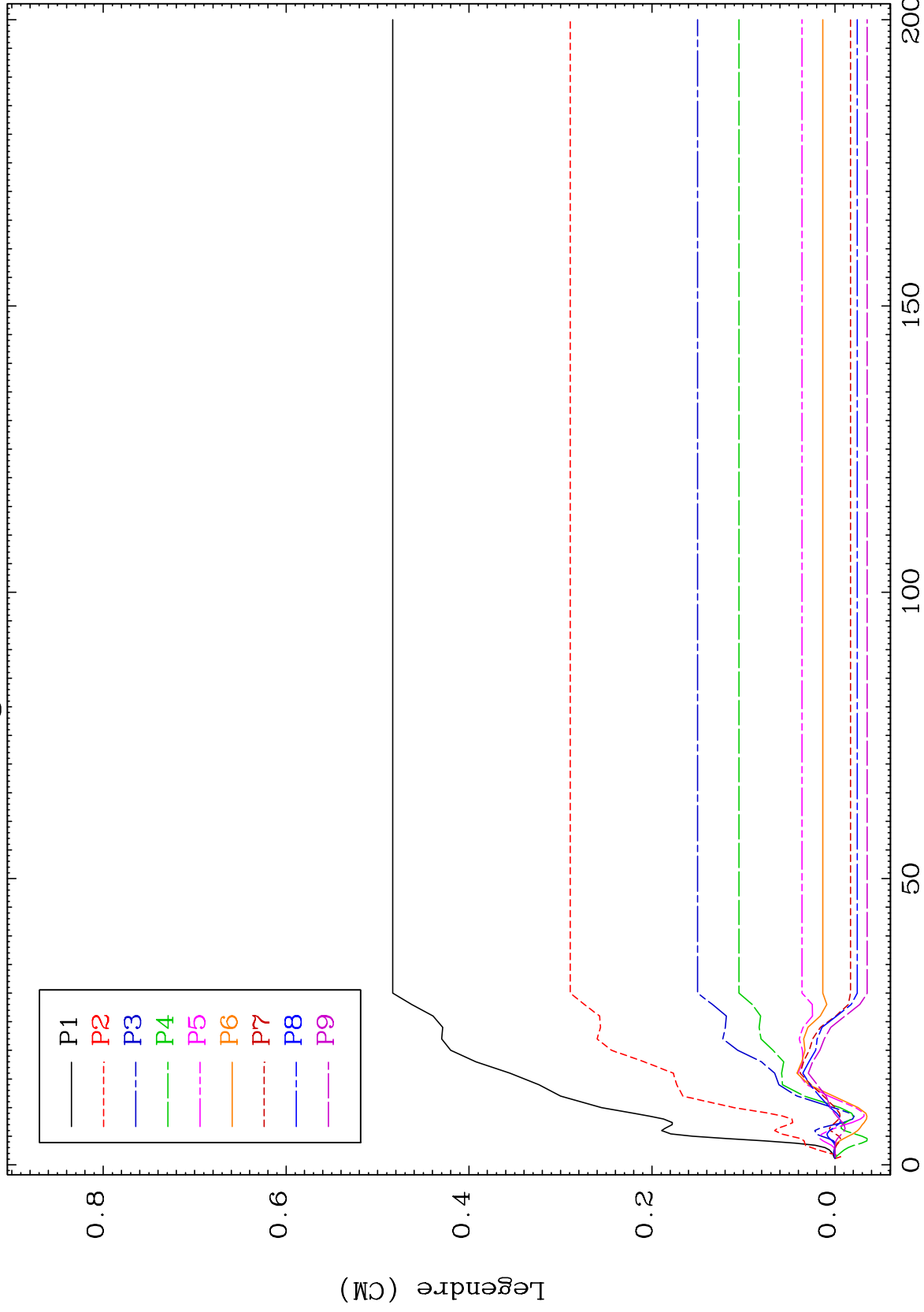
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



54

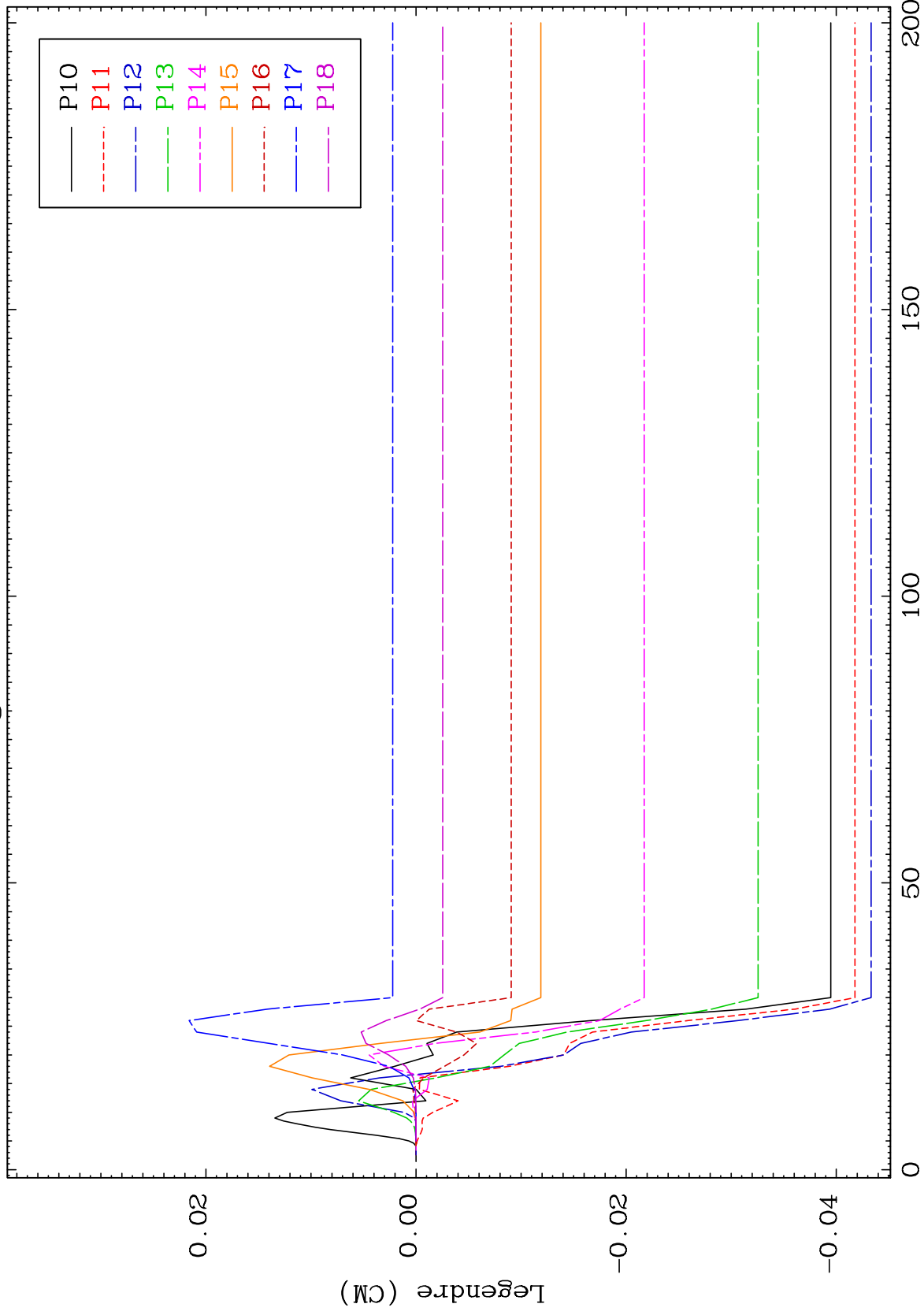
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



55

Incident Energy (MeV)

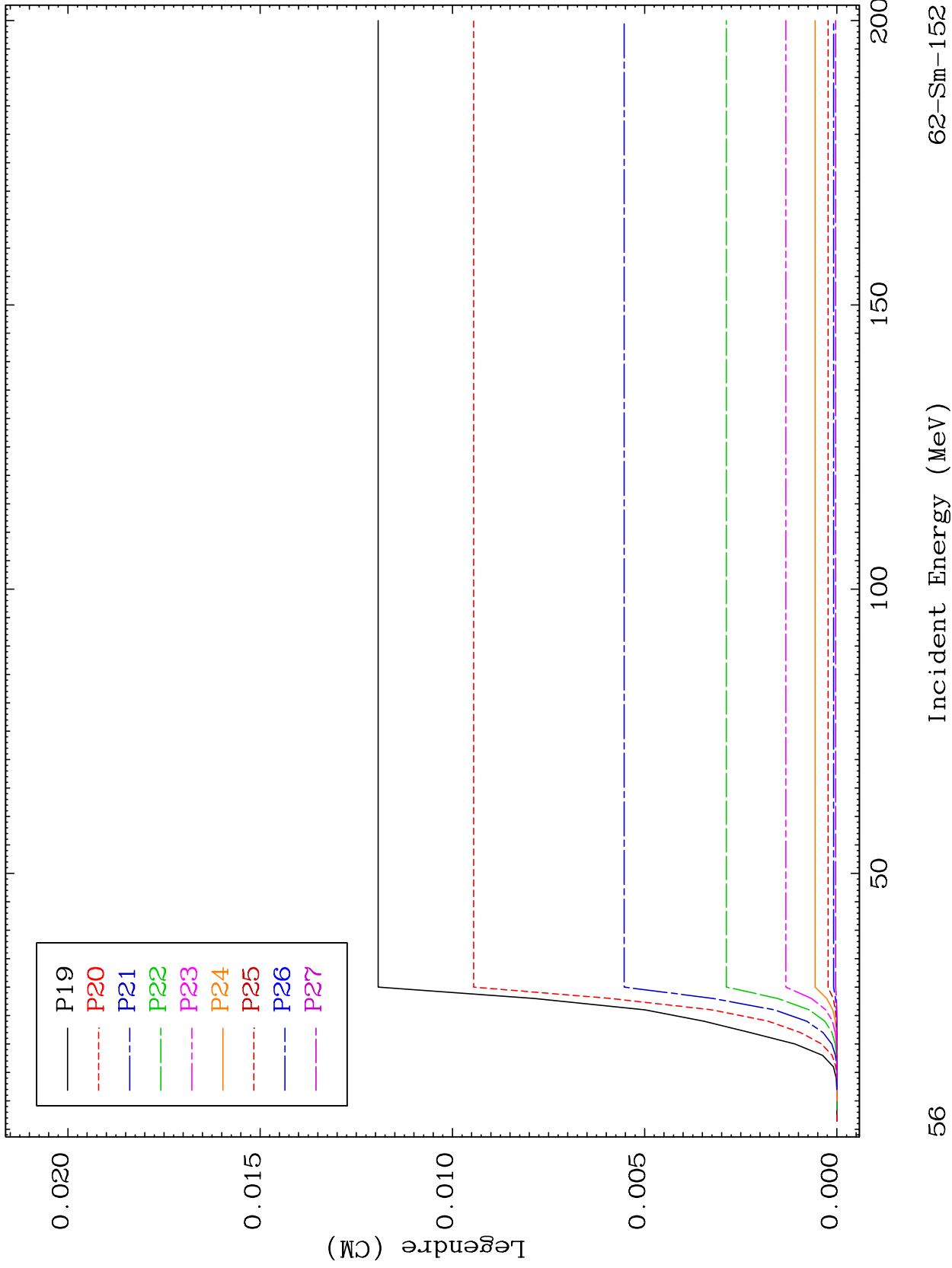
62-Sm-152



MAT 6249

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

62-Sm-152



56

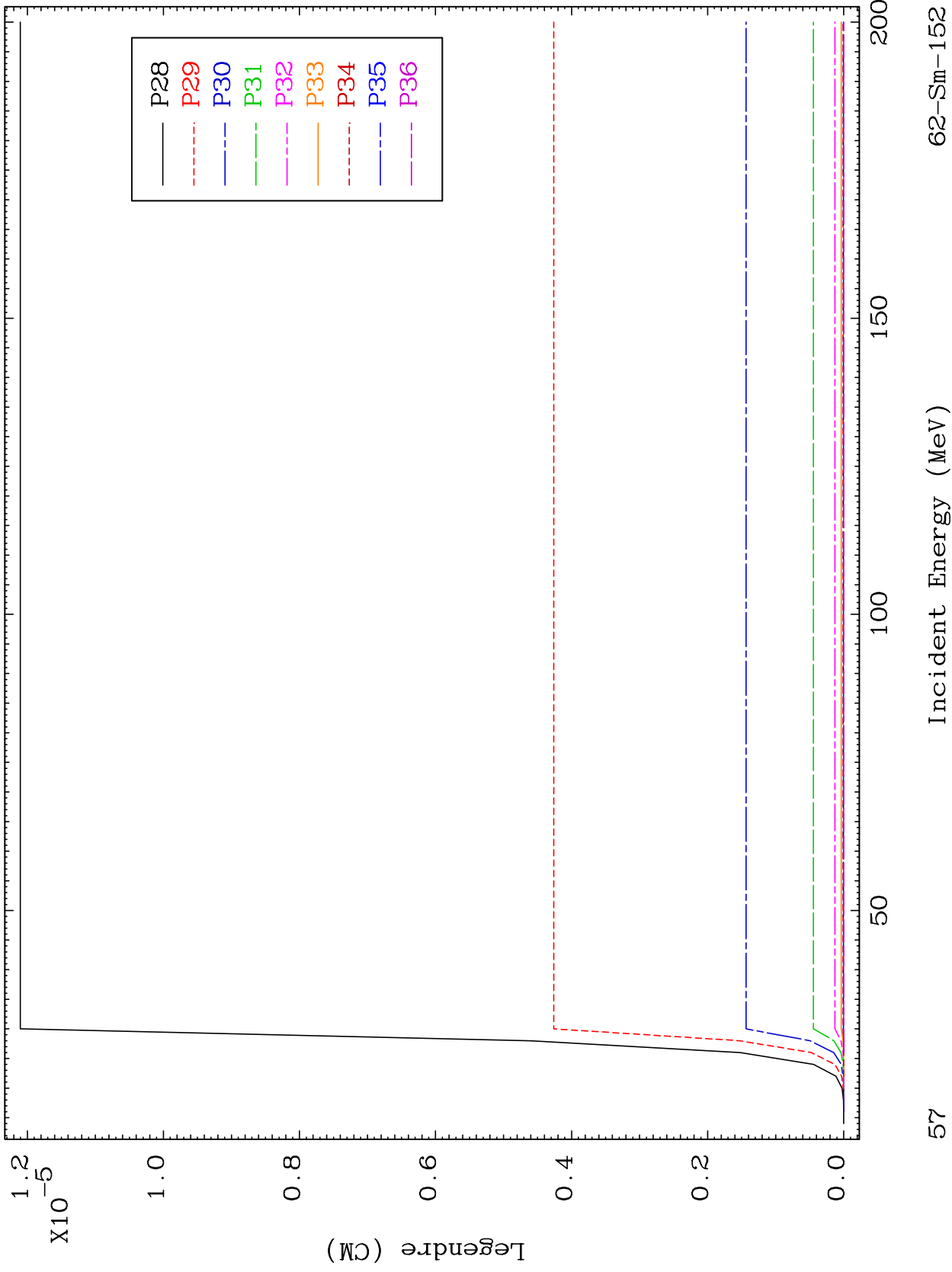
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



57

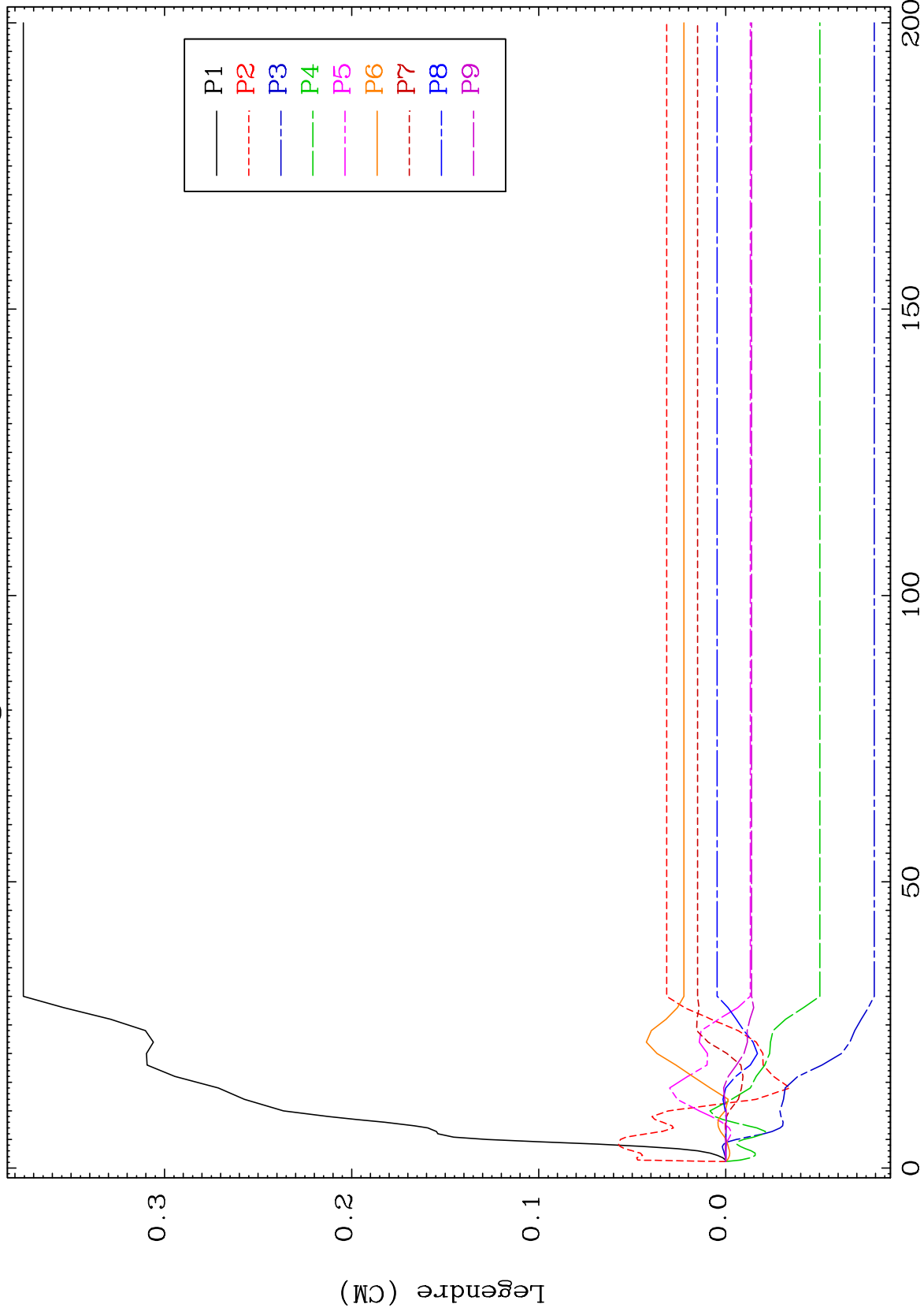
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



58

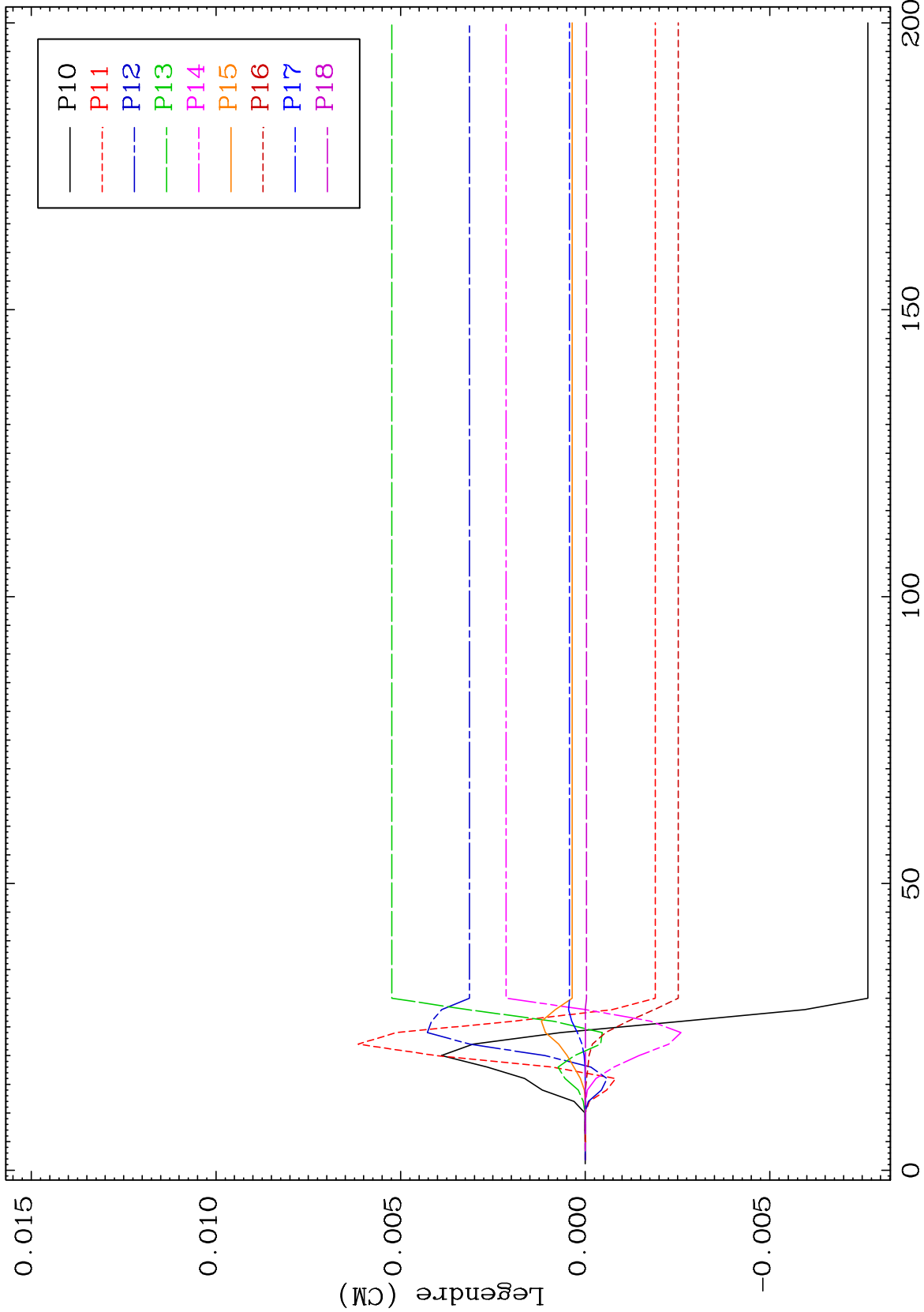
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

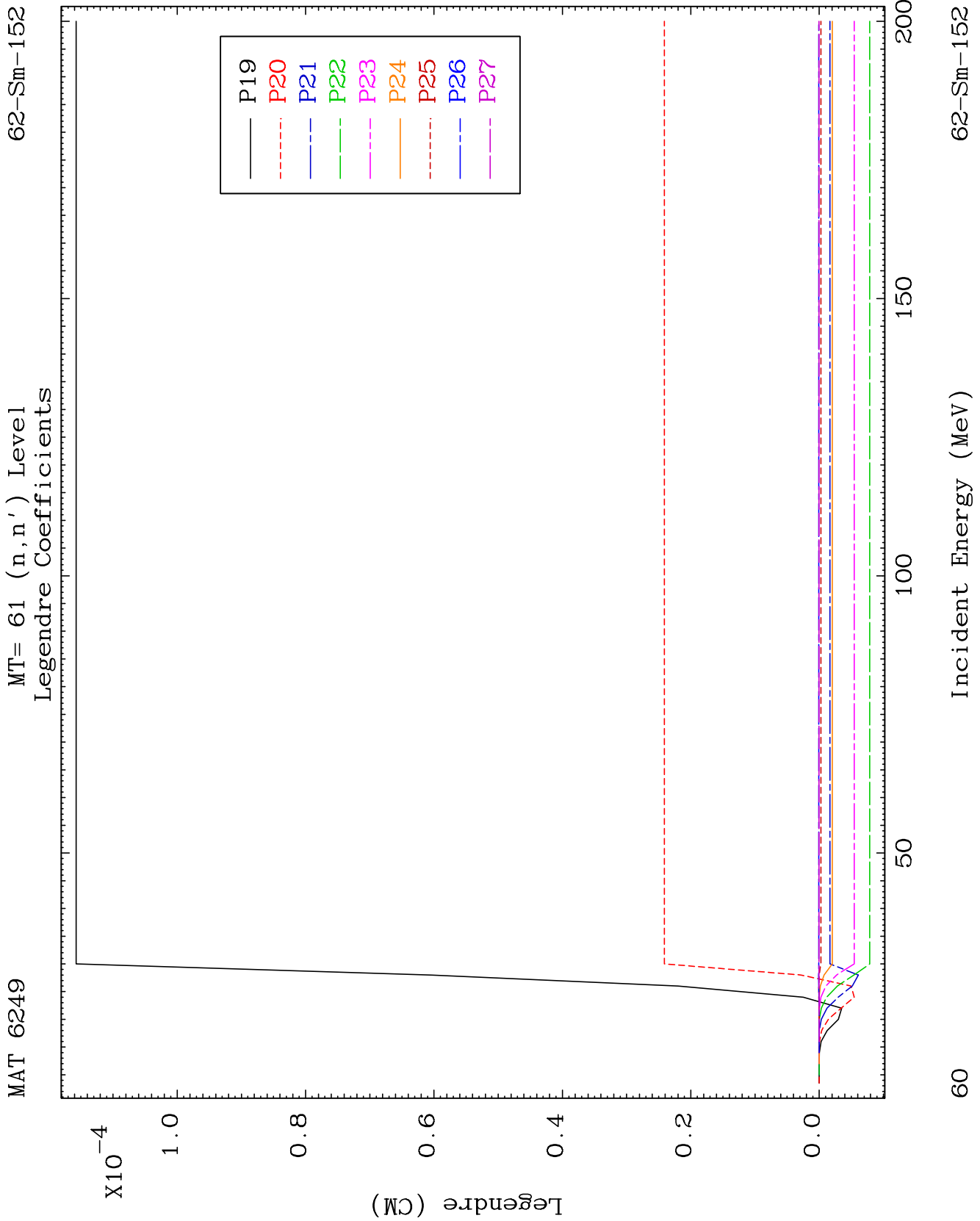
62-Sm-152



59

Incident Energy (MeV)

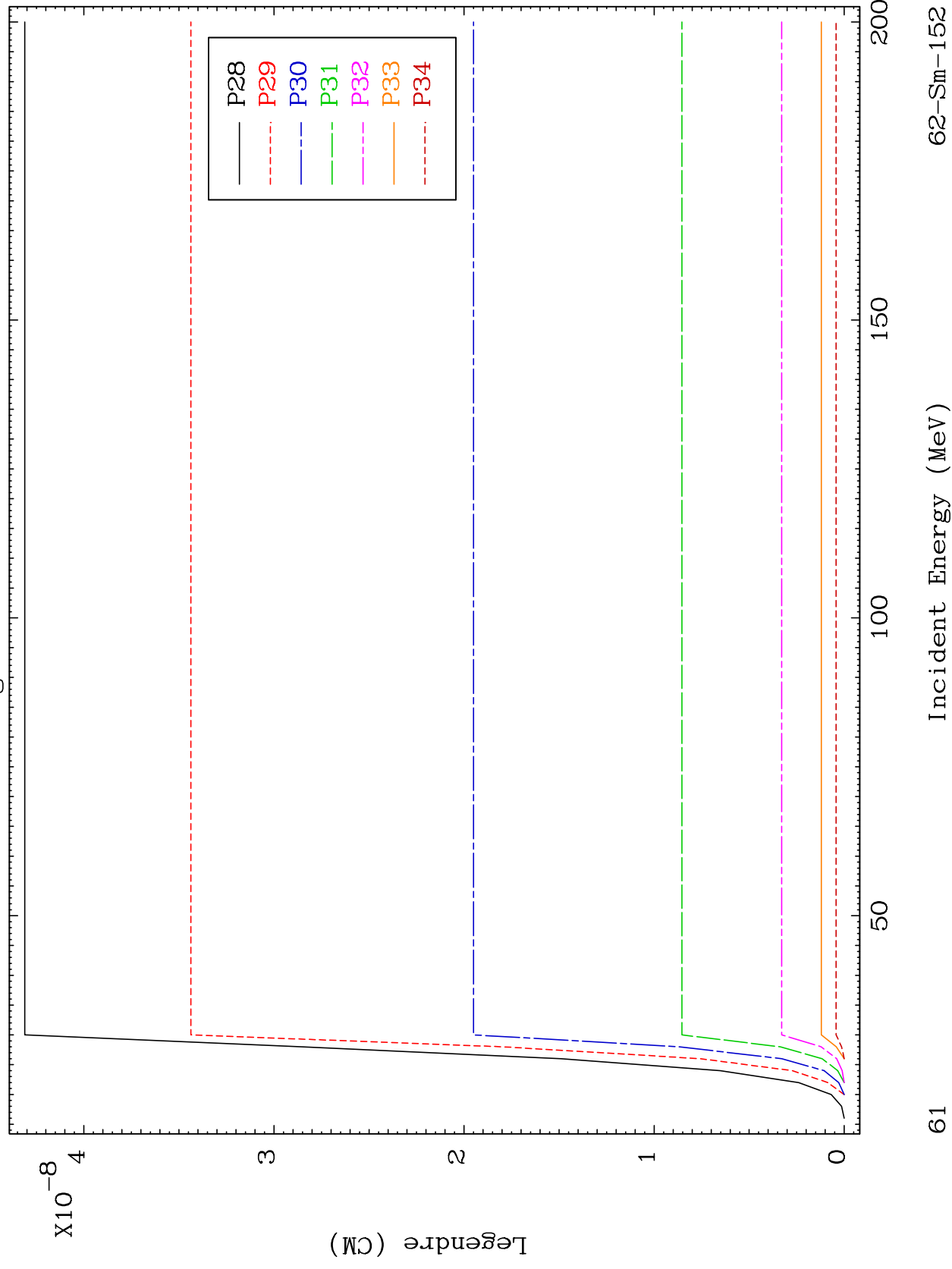
62-Sm-152



MAT 6249

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

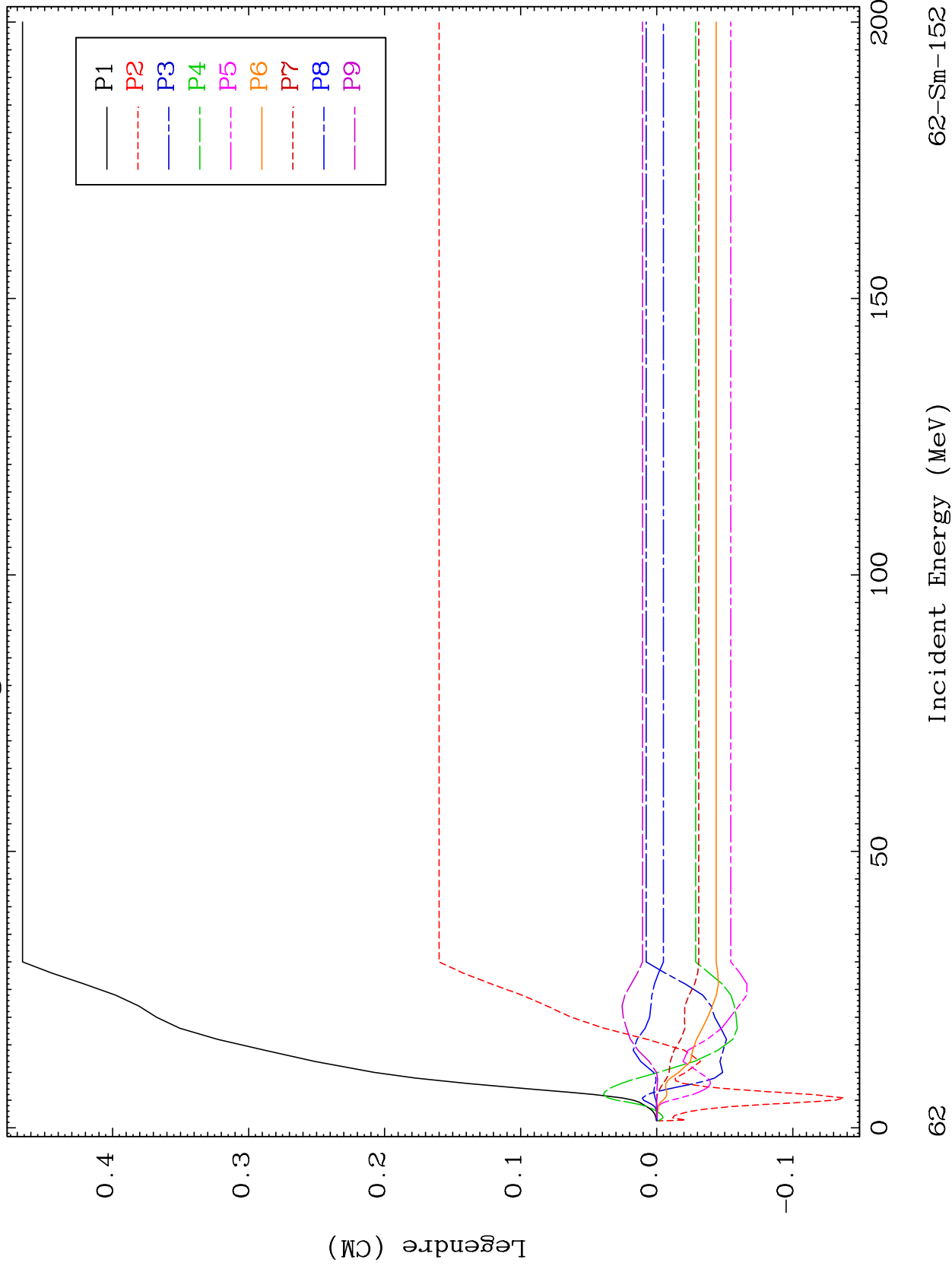
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

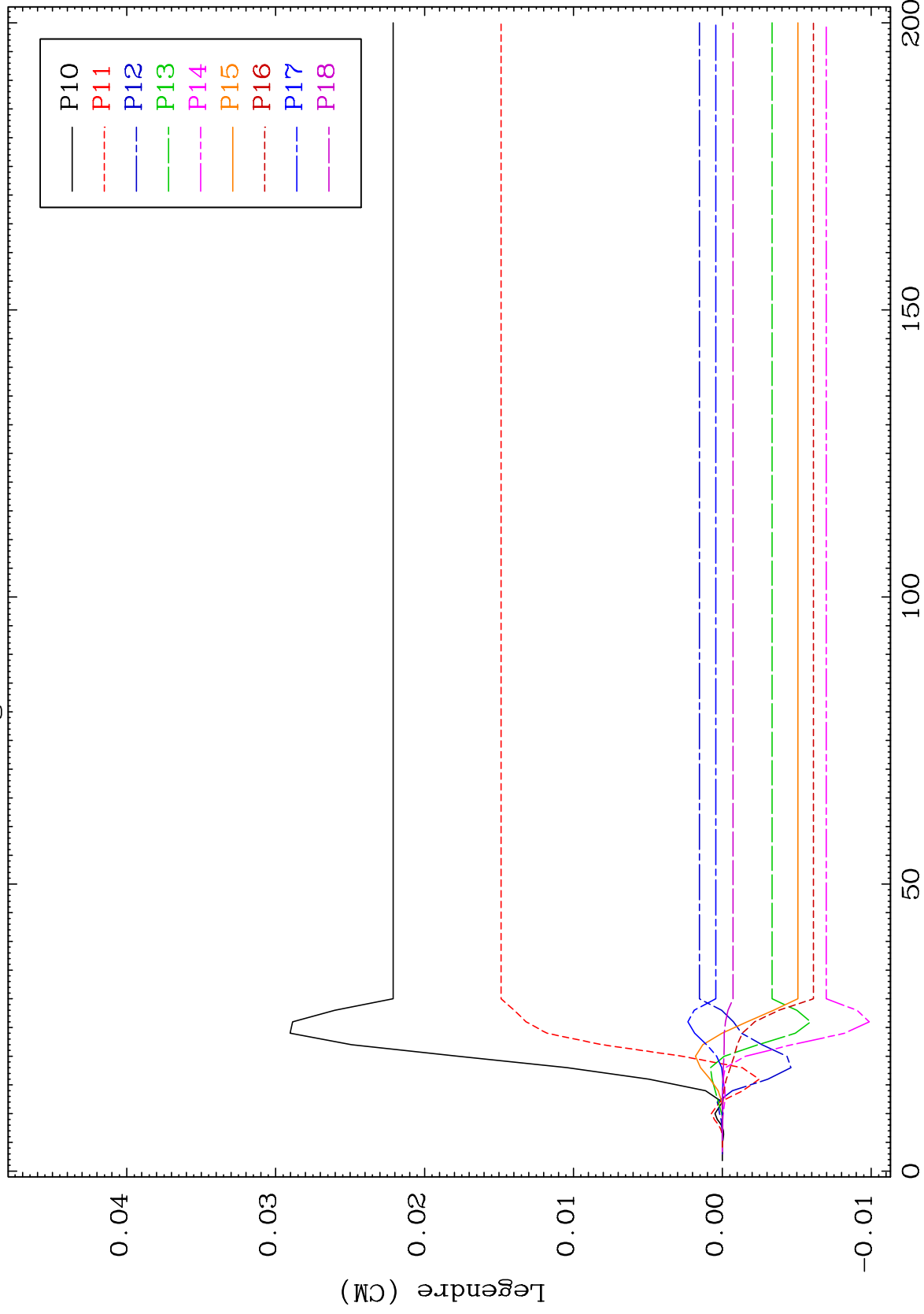
Incident Energy (MeV)

62

MAT 6249

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

62-Sm-152



63

Incident Energy (MeV)

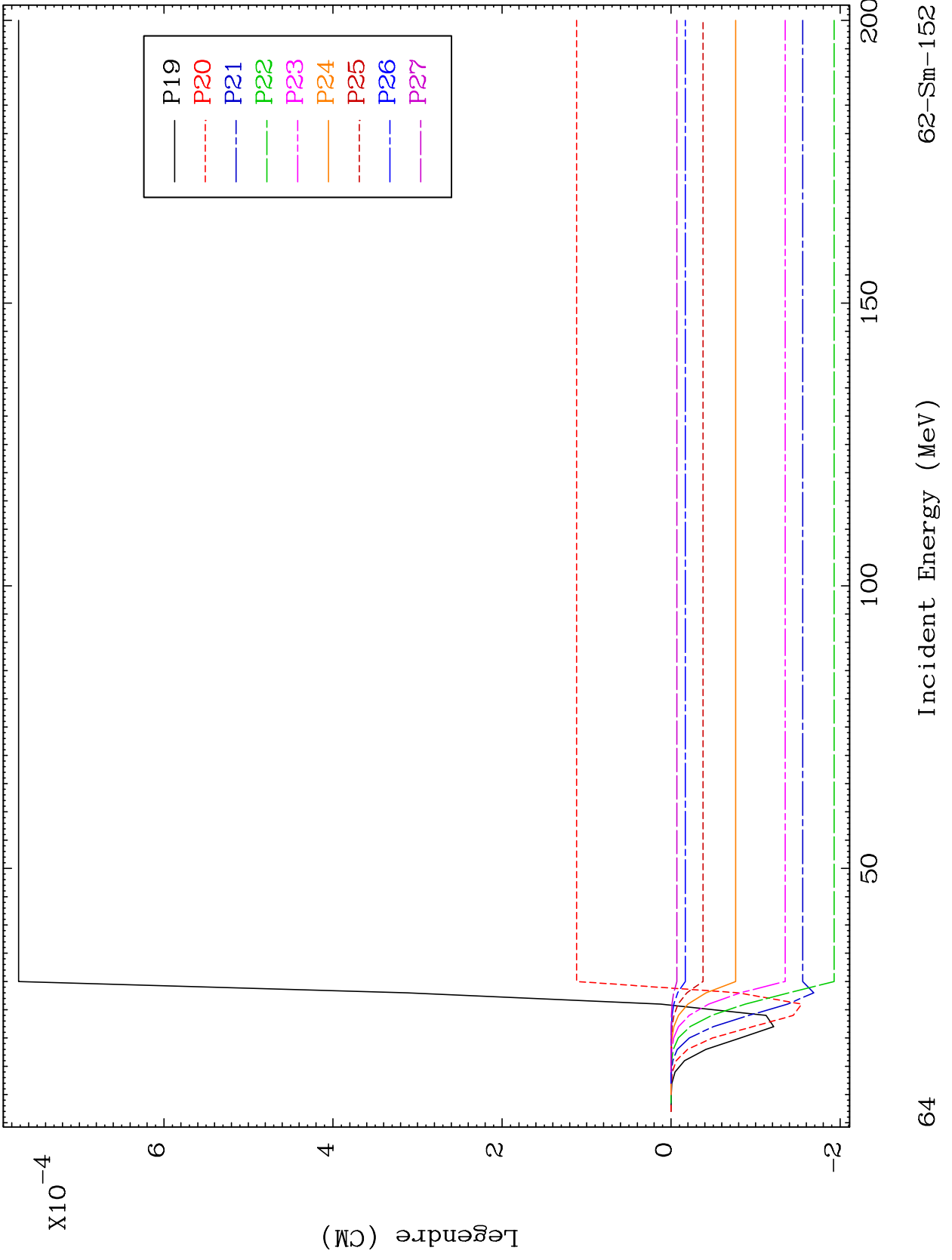
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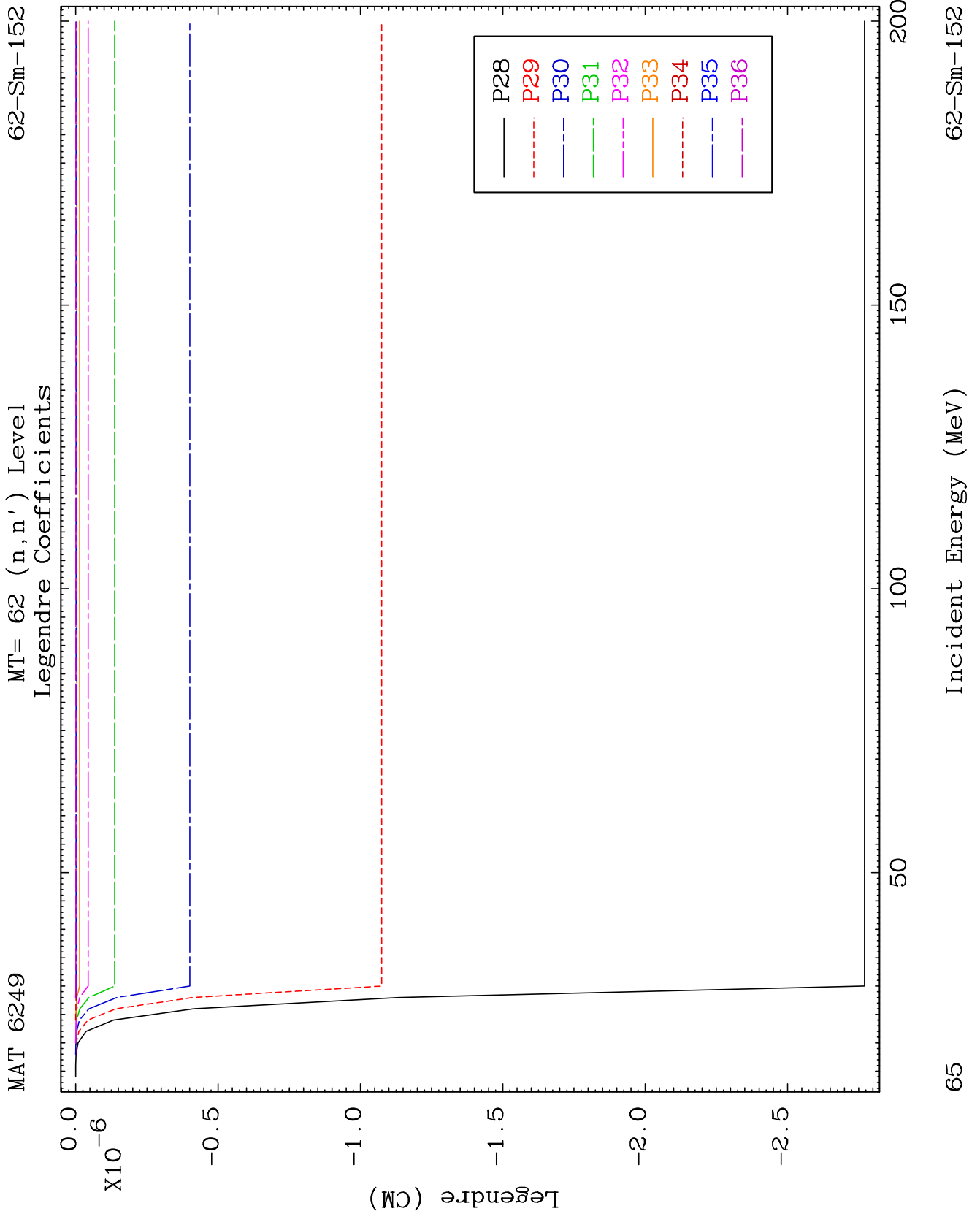


MAT 6249

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

62-Sm-152

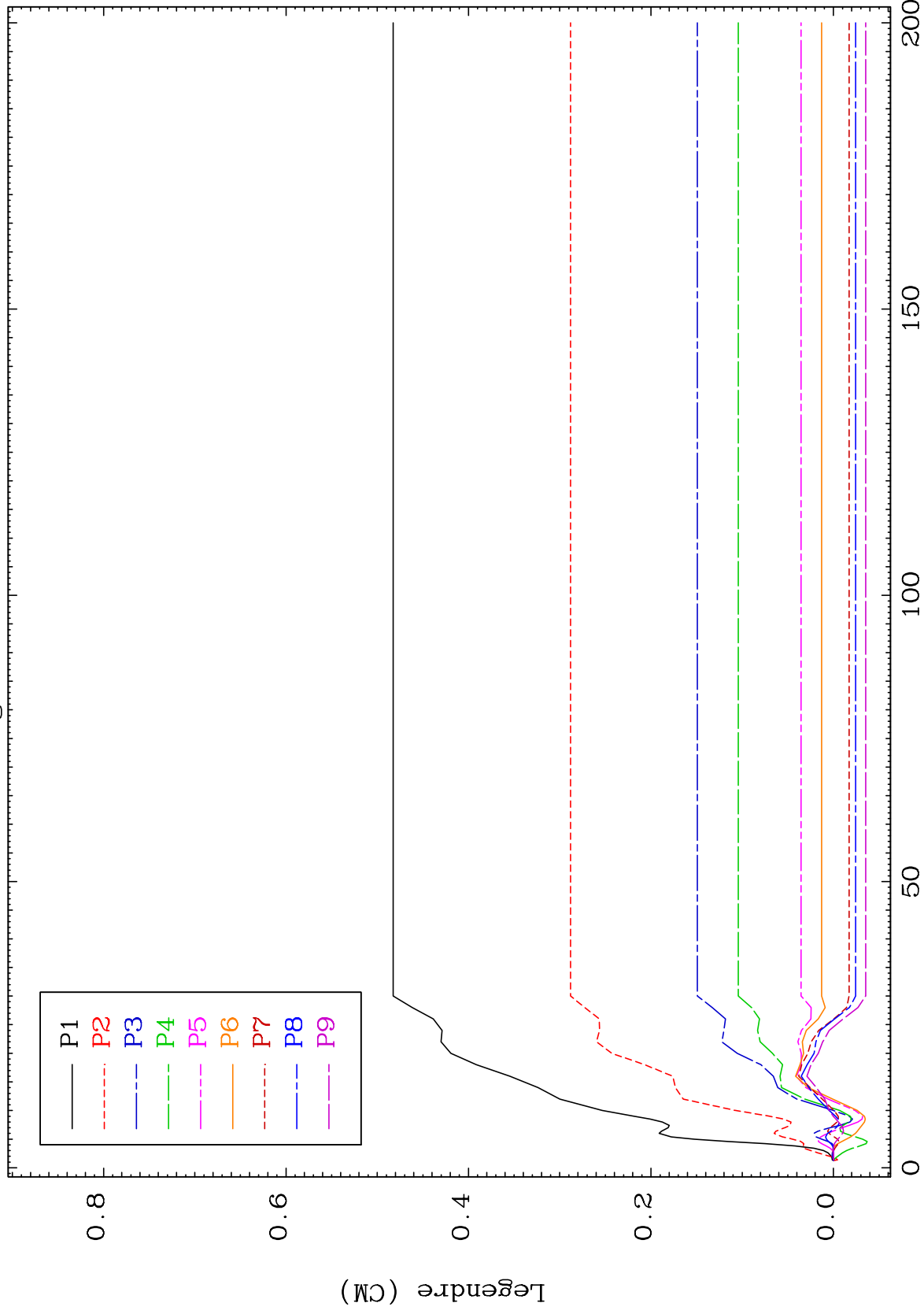




MAT 6249

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

62-Sm-152



66

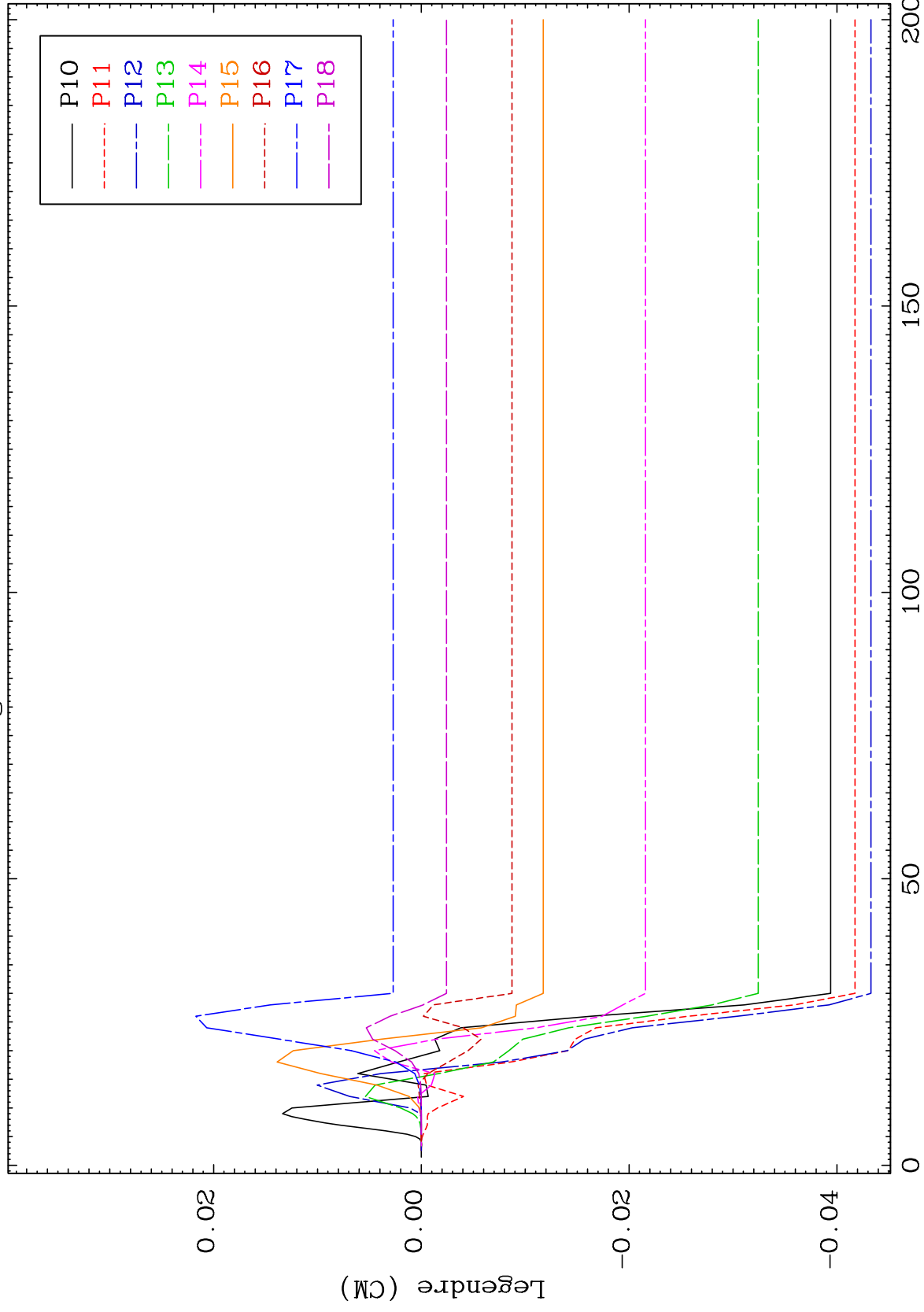
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



67

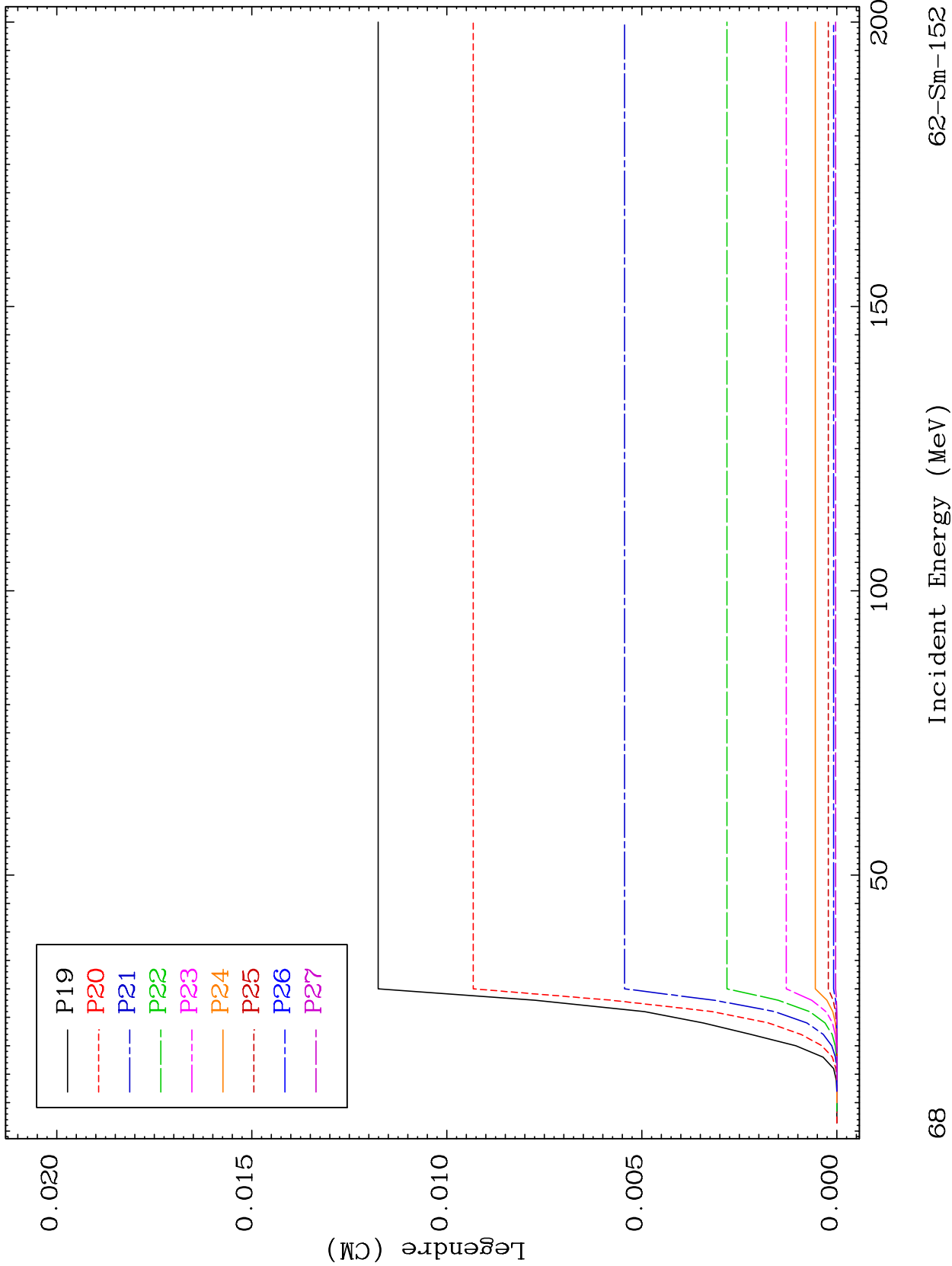
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



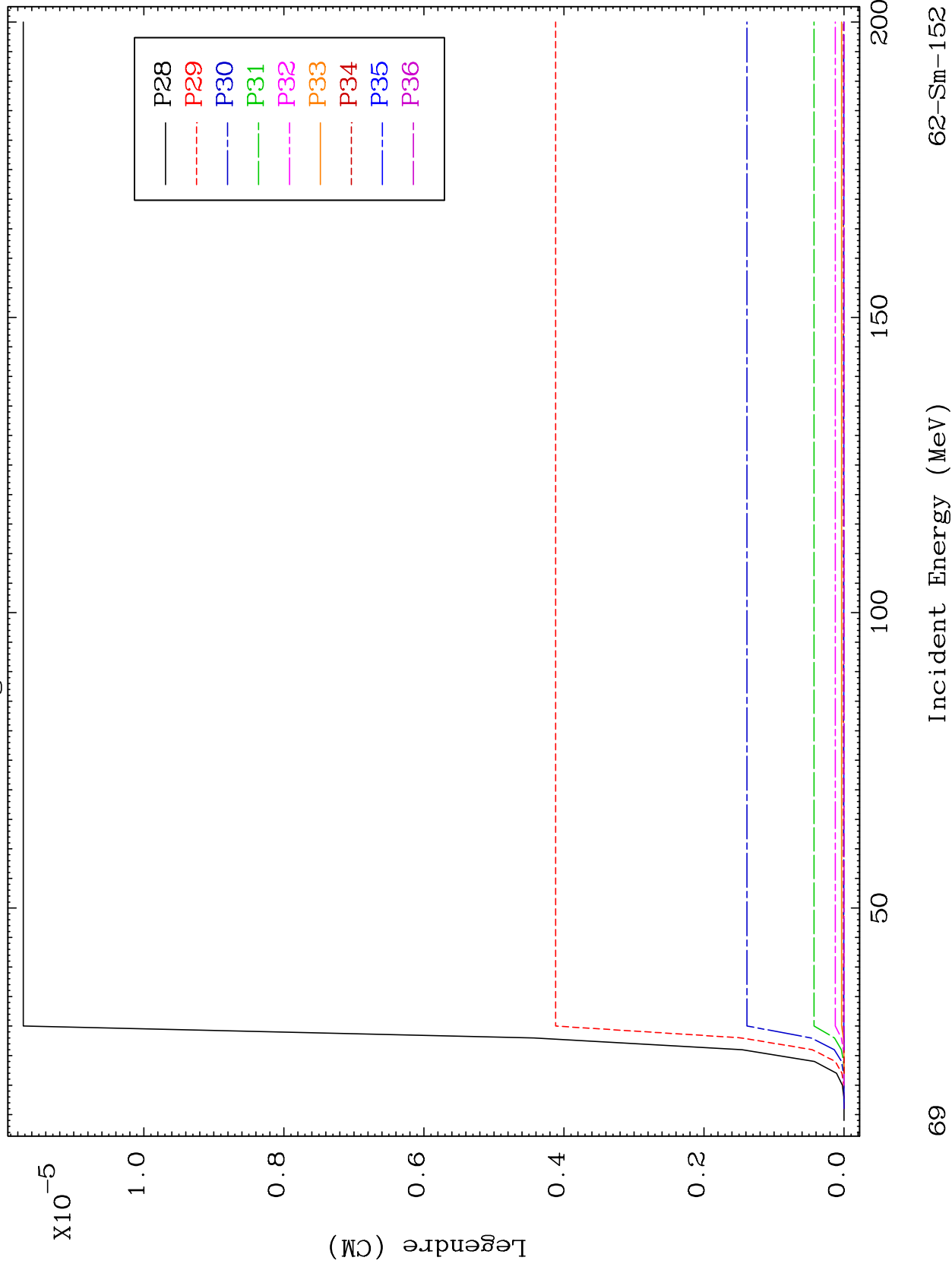
68

62-Sm-152

MAT 6249

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

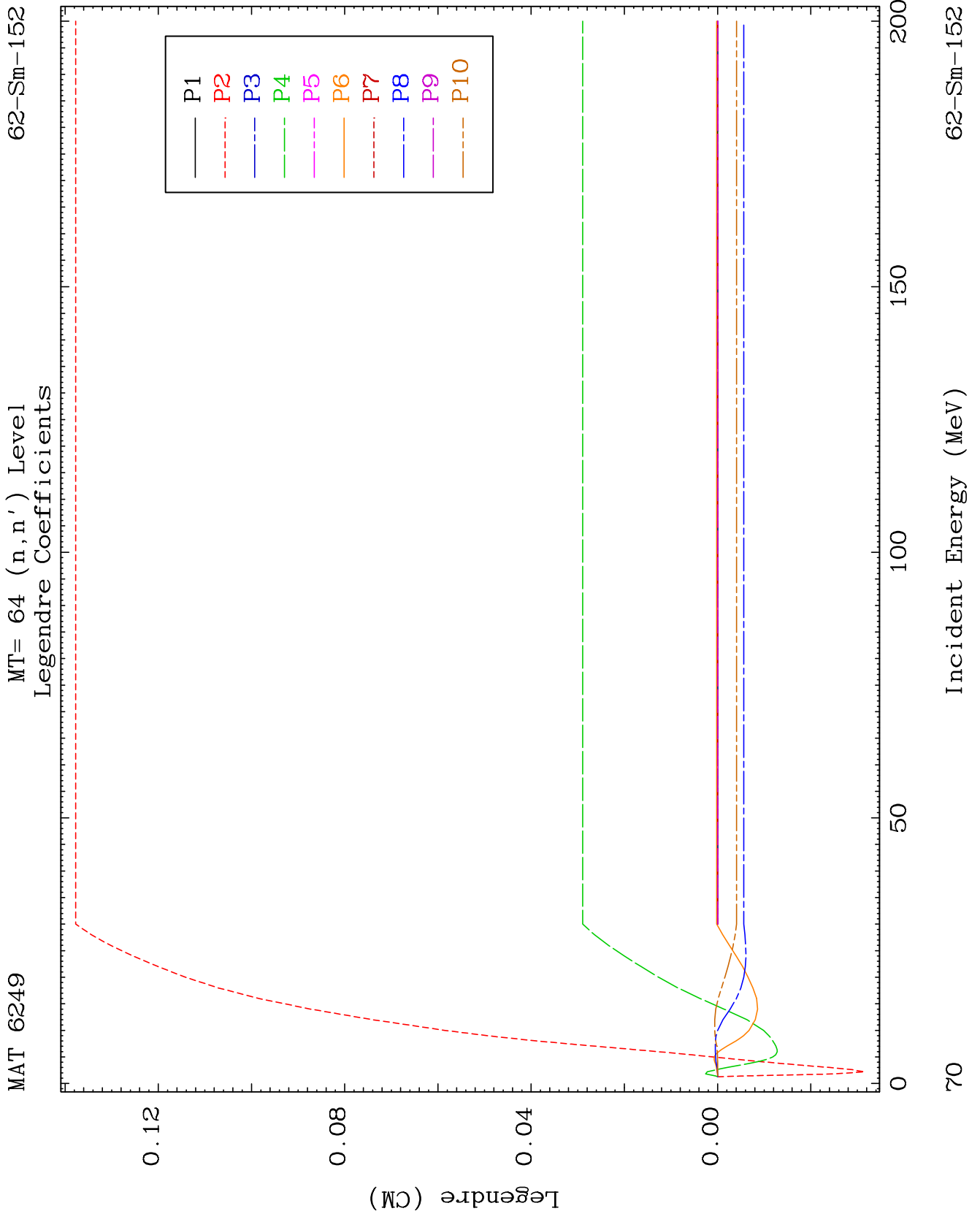
62-Sm-152



69

Incident Energy (MeV)

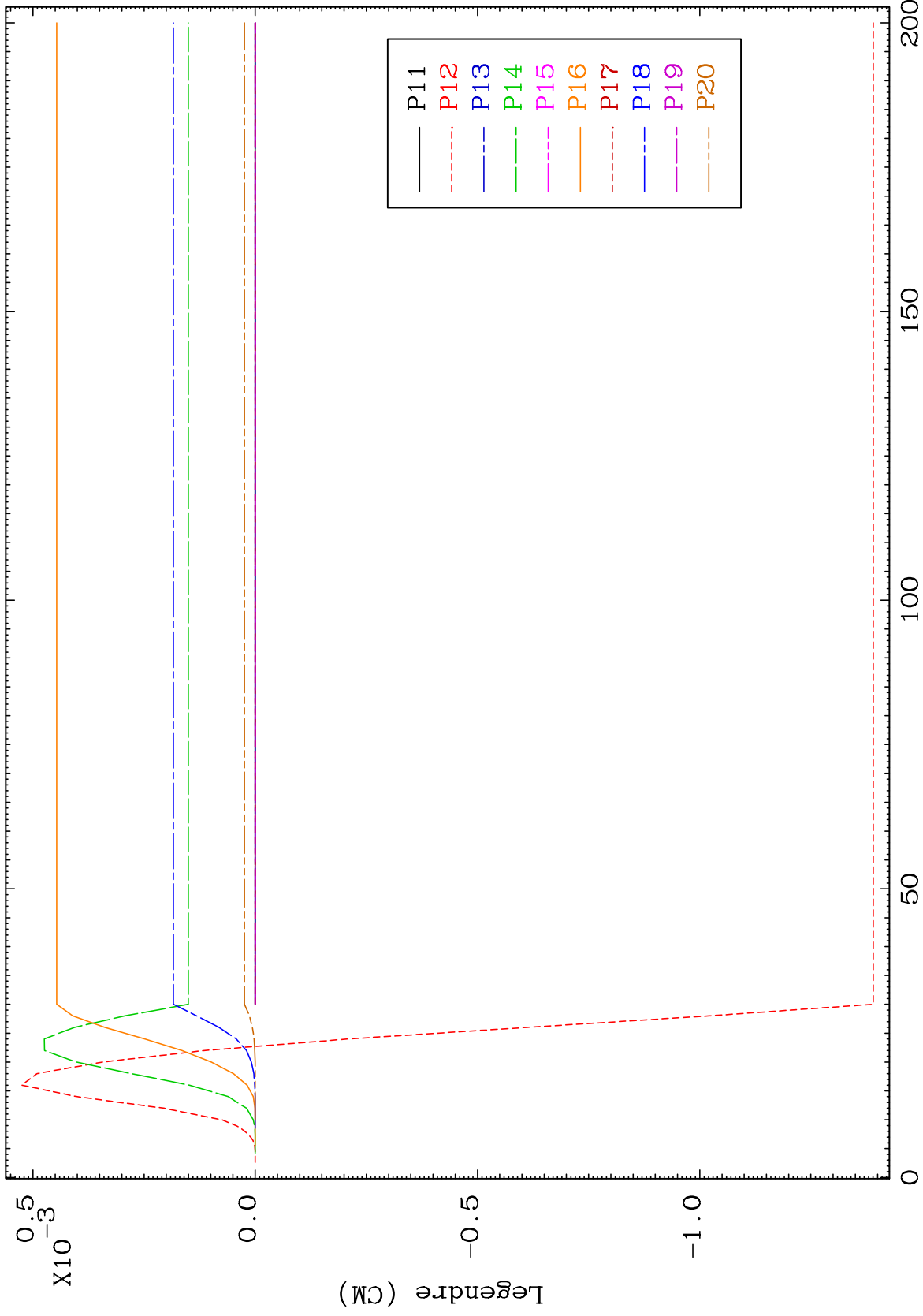
62-Sm-152



MAT 6249

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

62-Sm-152

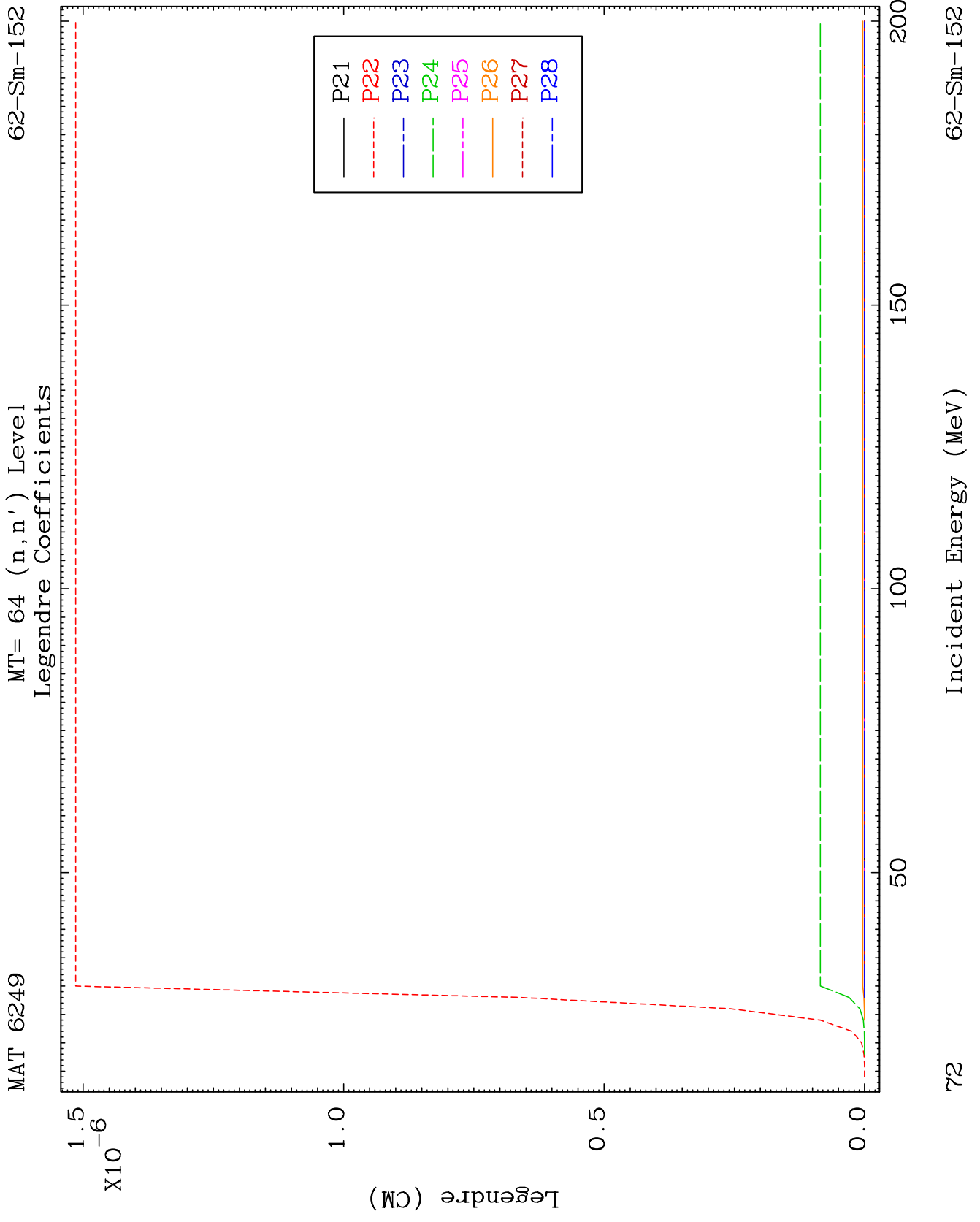


71

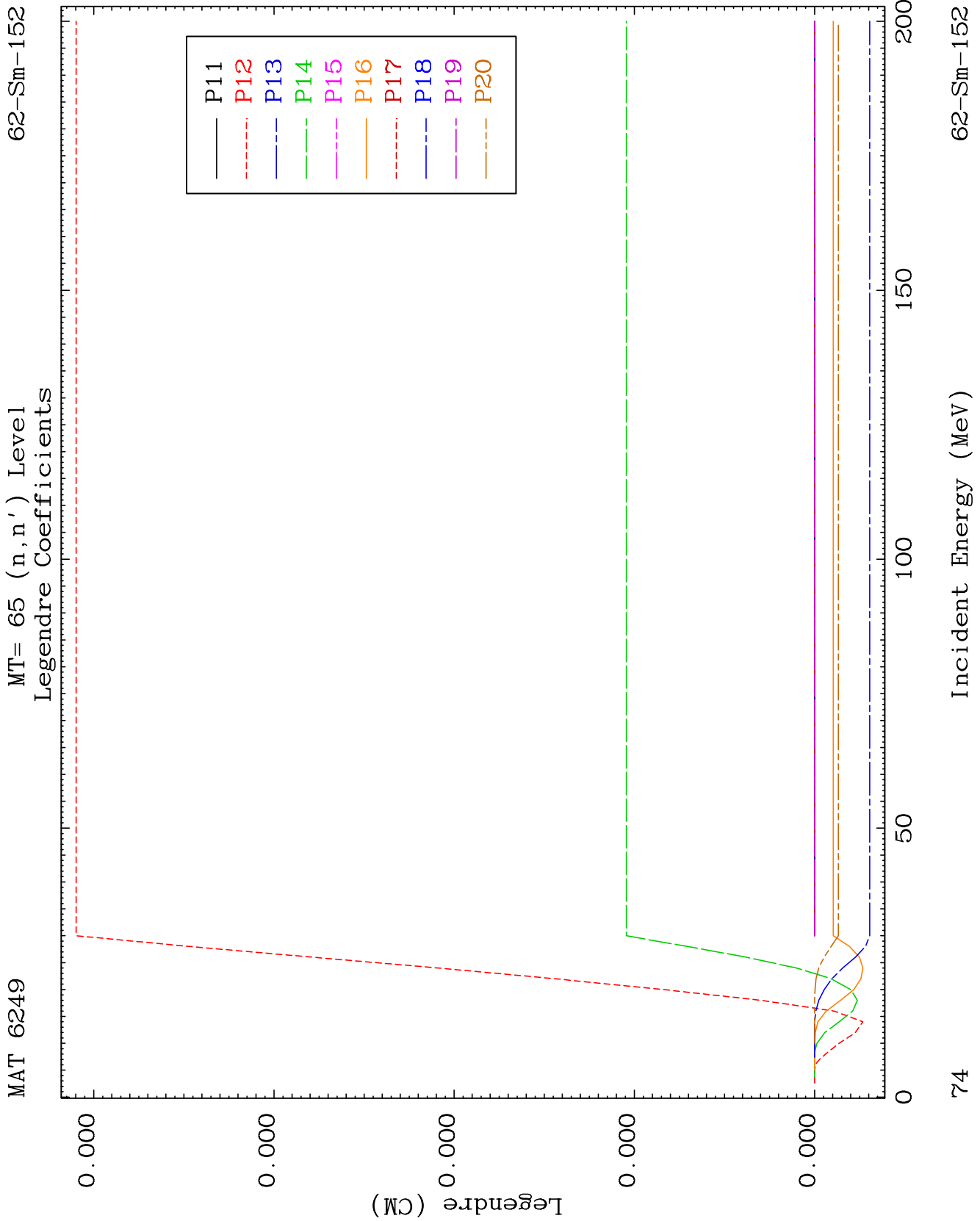
Incident Energy (MeV)

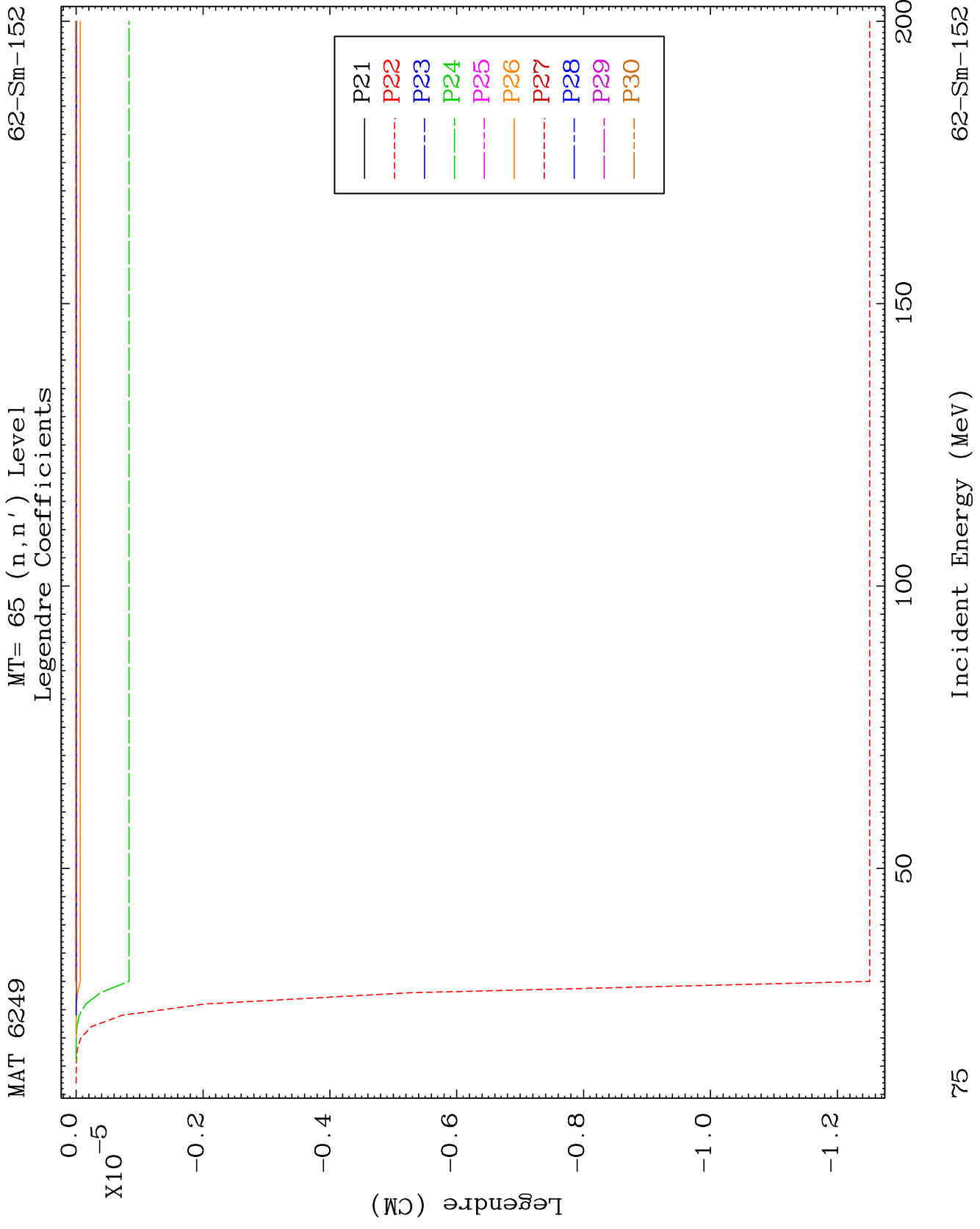
62-Sm-152







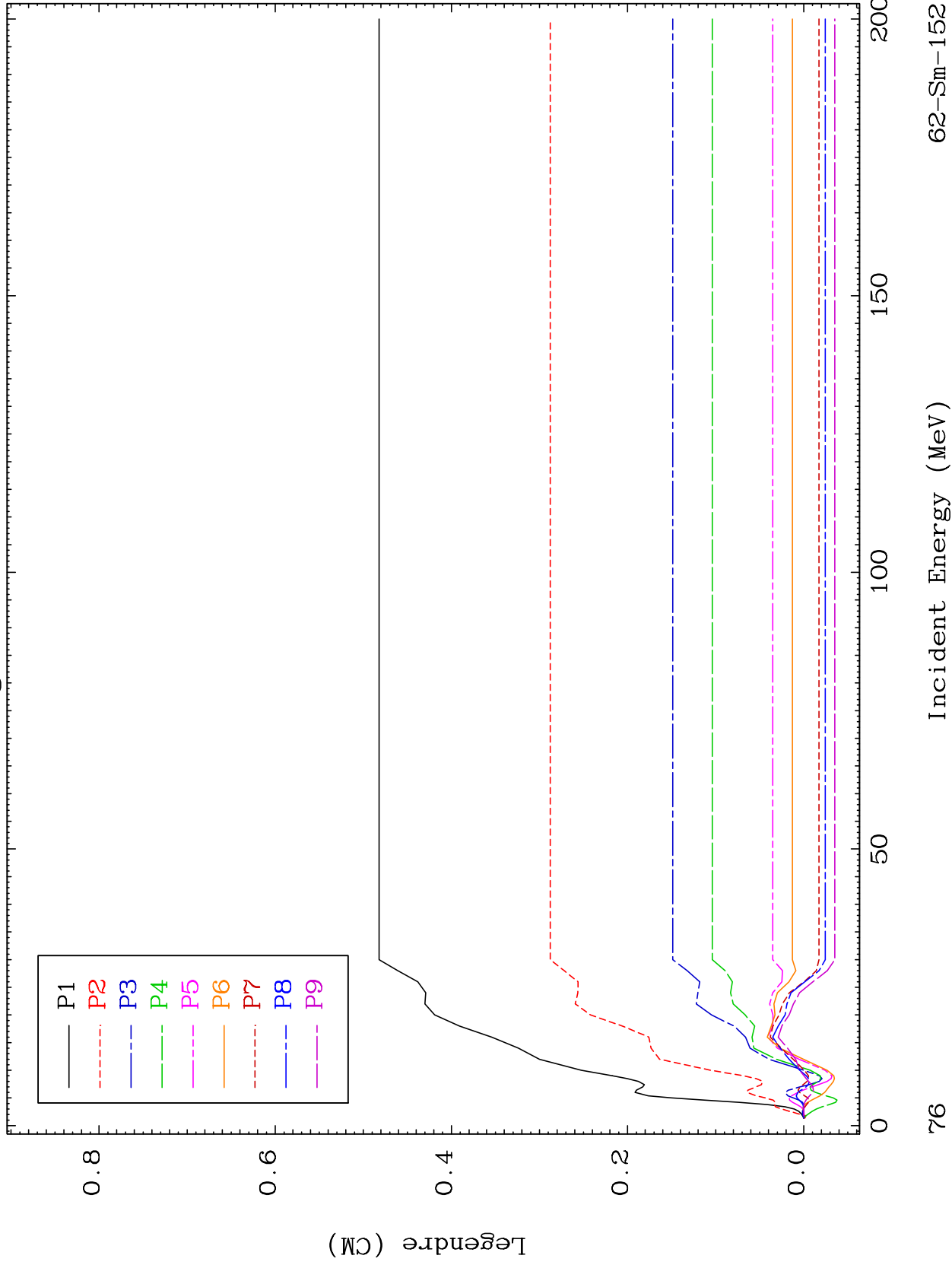




MAT 6249

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

62-Sm-152

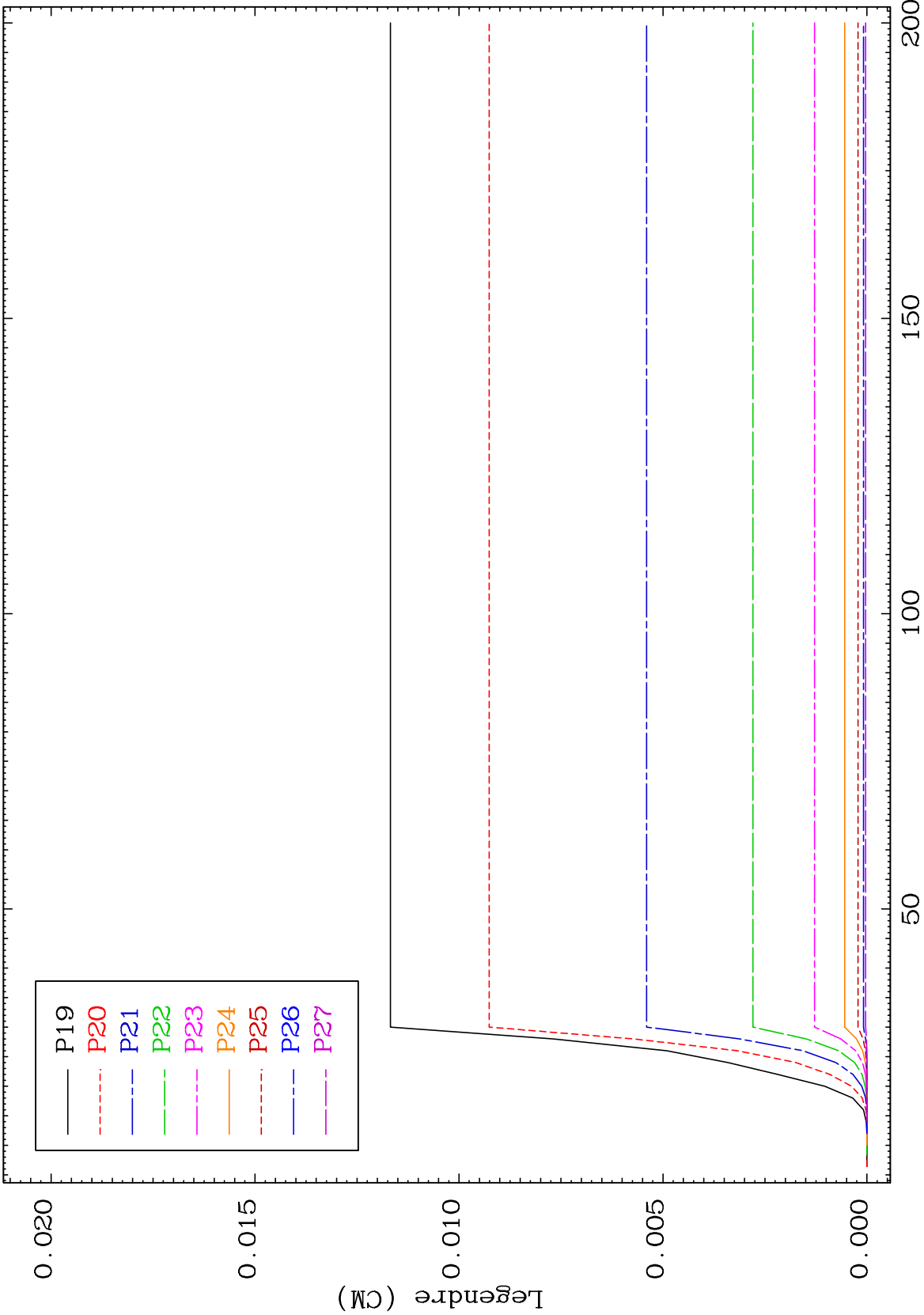




MAT 6249

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

62-Sm-152



78

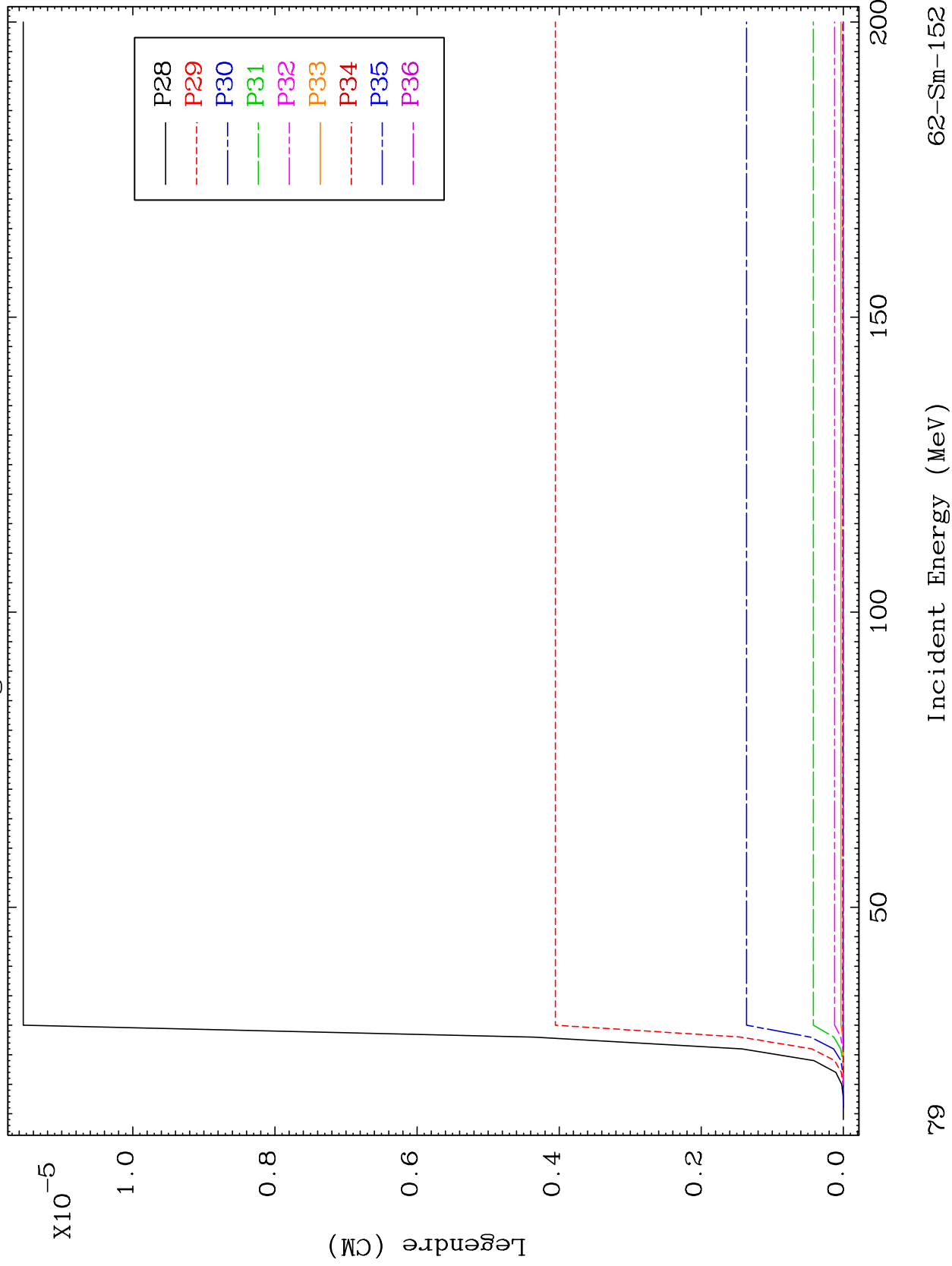
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



79

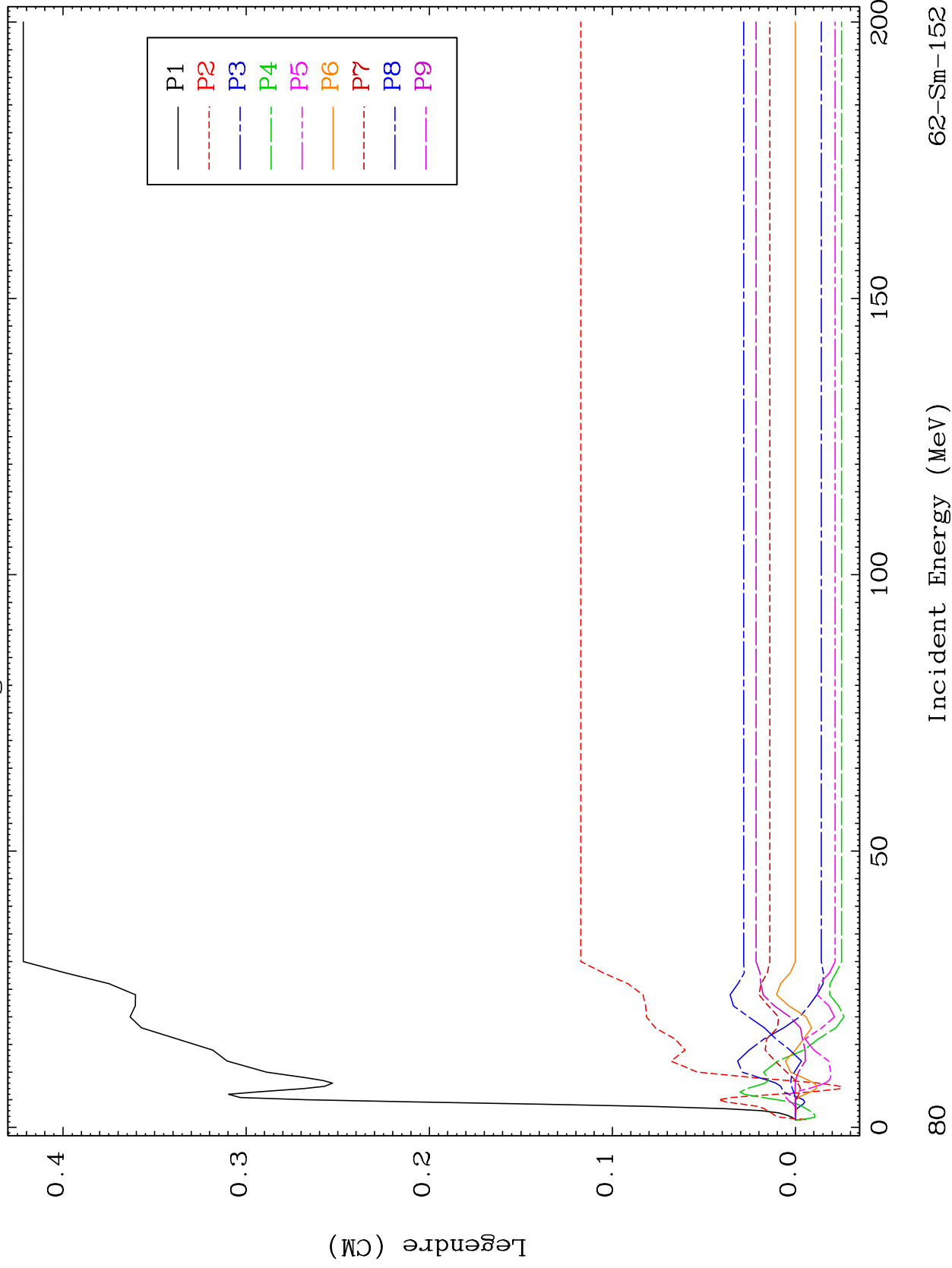
62-Sm-152



MAT 6249

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

62-Sm-152



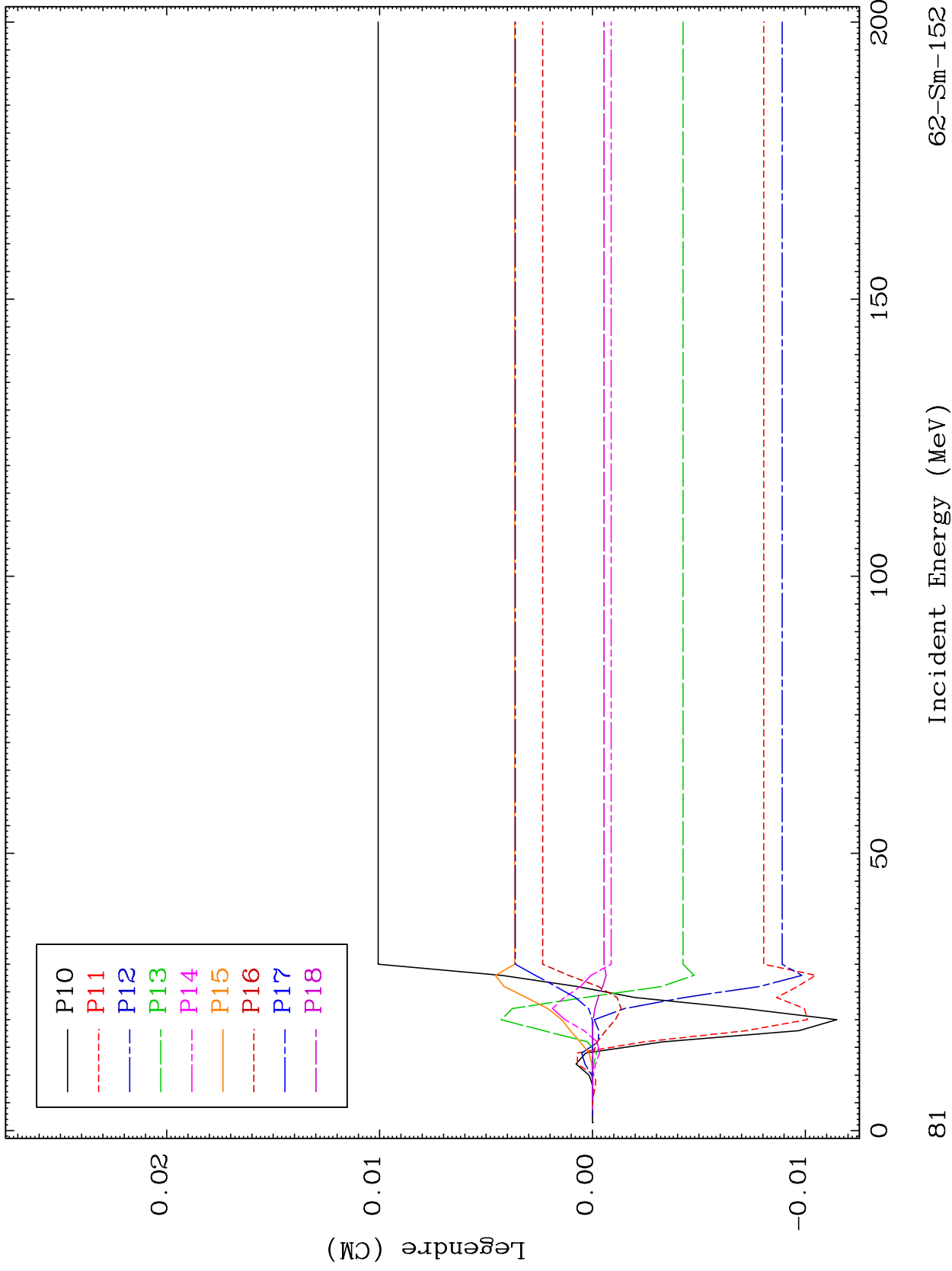
62-Sm-152

Incident Energy (MeV)

MAT 6249

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

62-Sm-152



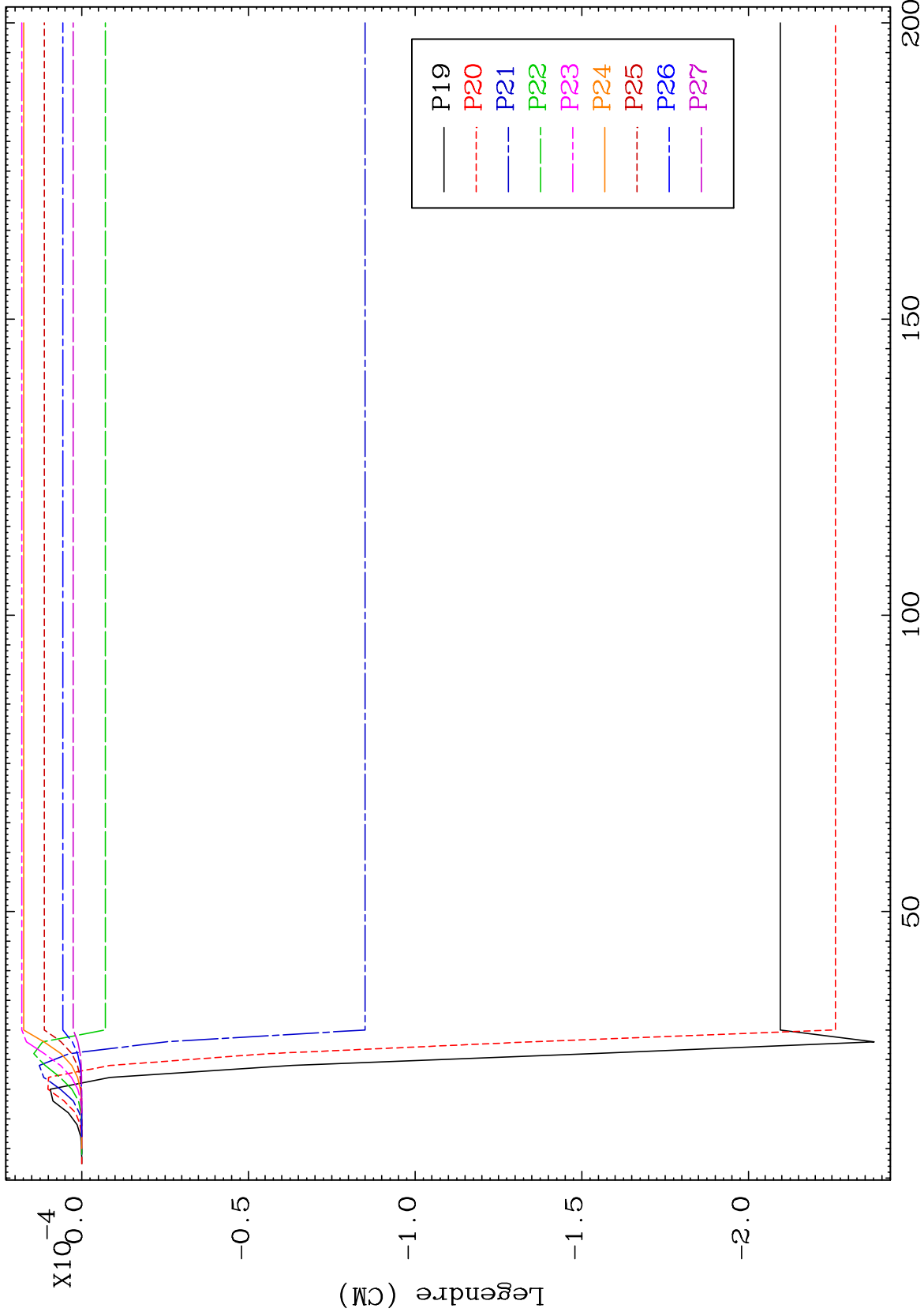
81

62-Sm-152

MAT 6249

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

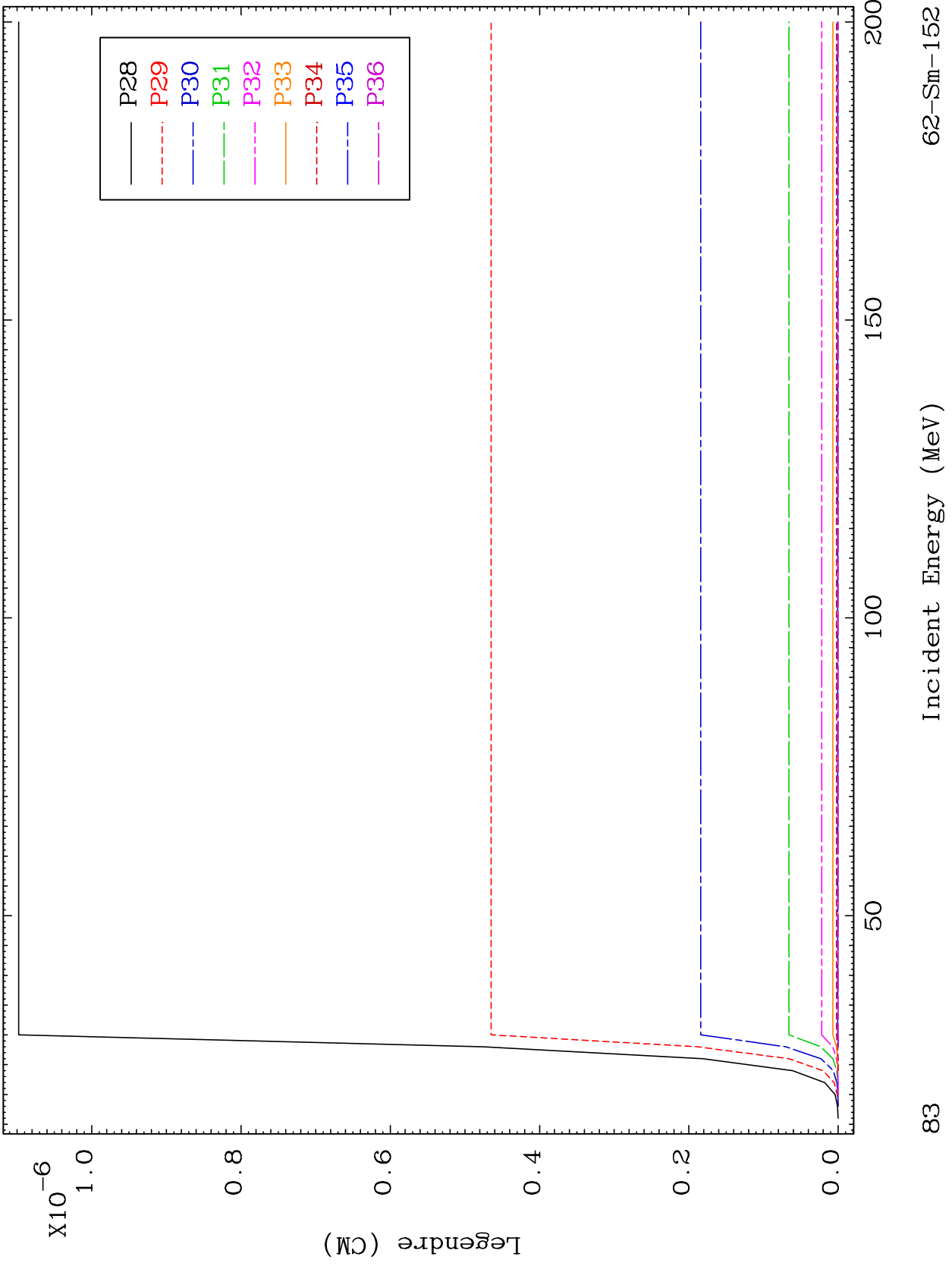
62-Sm-152



MAT 6249

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

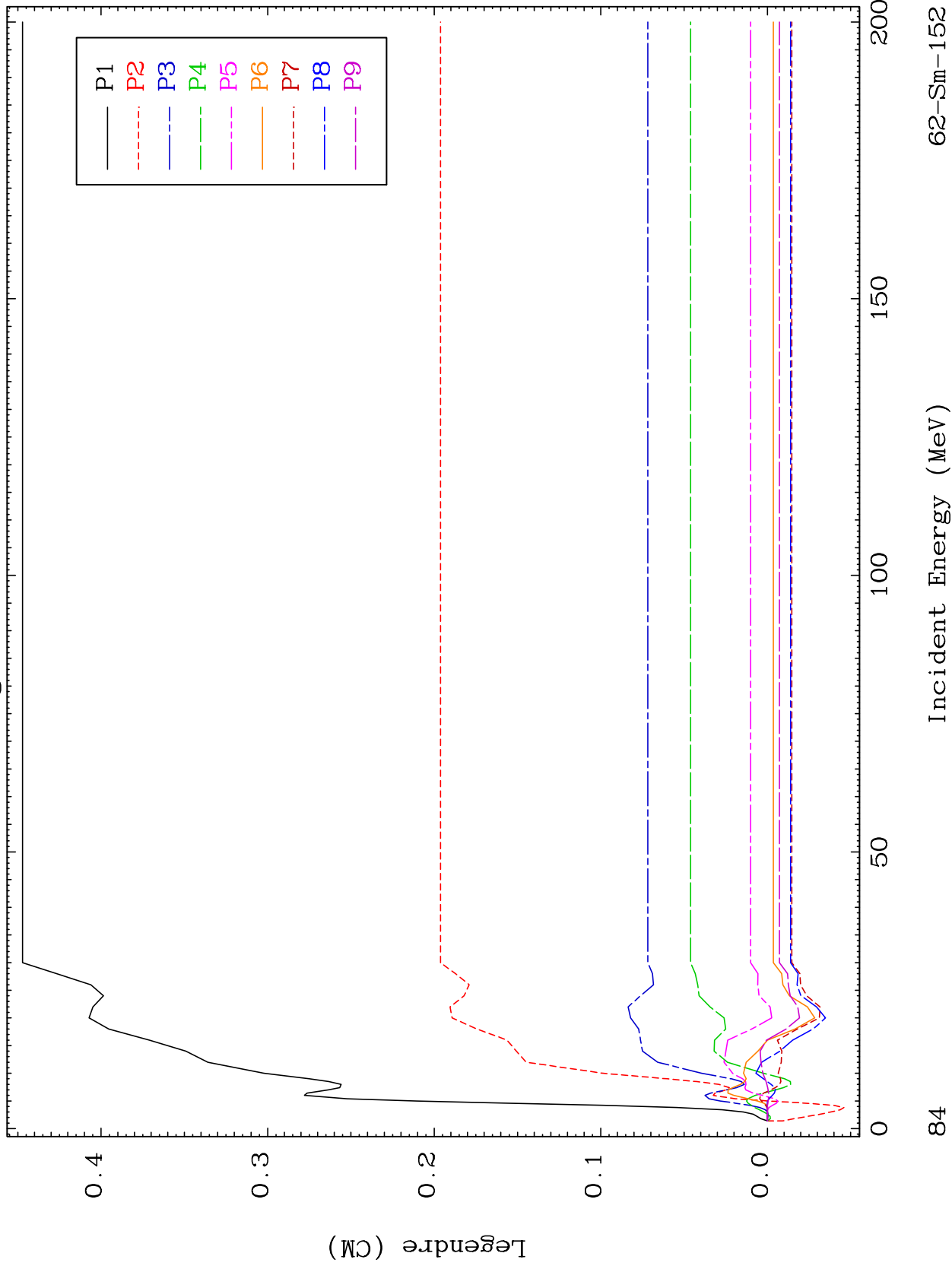
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

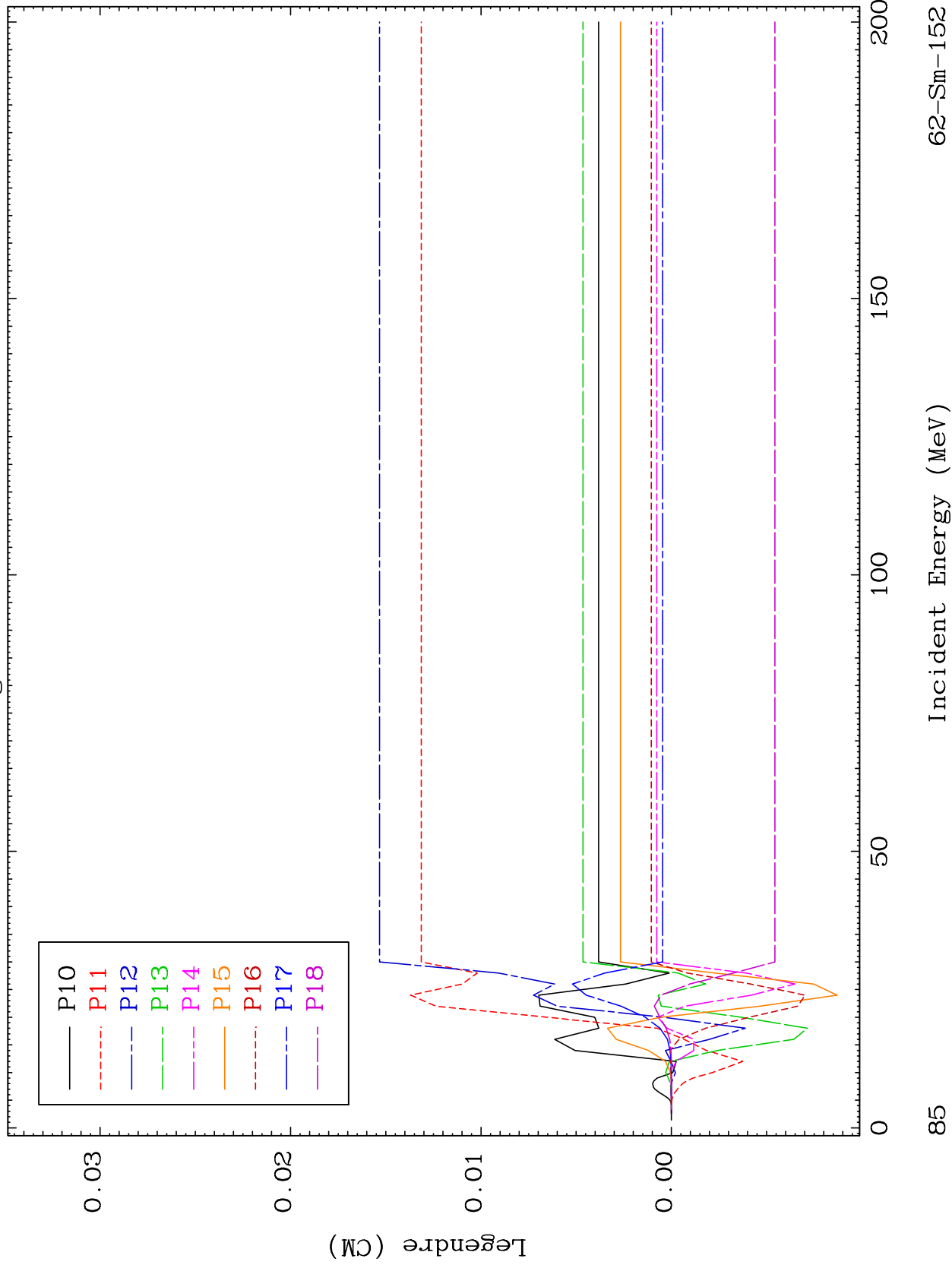
Incident Energy (MeV)

84

MAT 6249

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

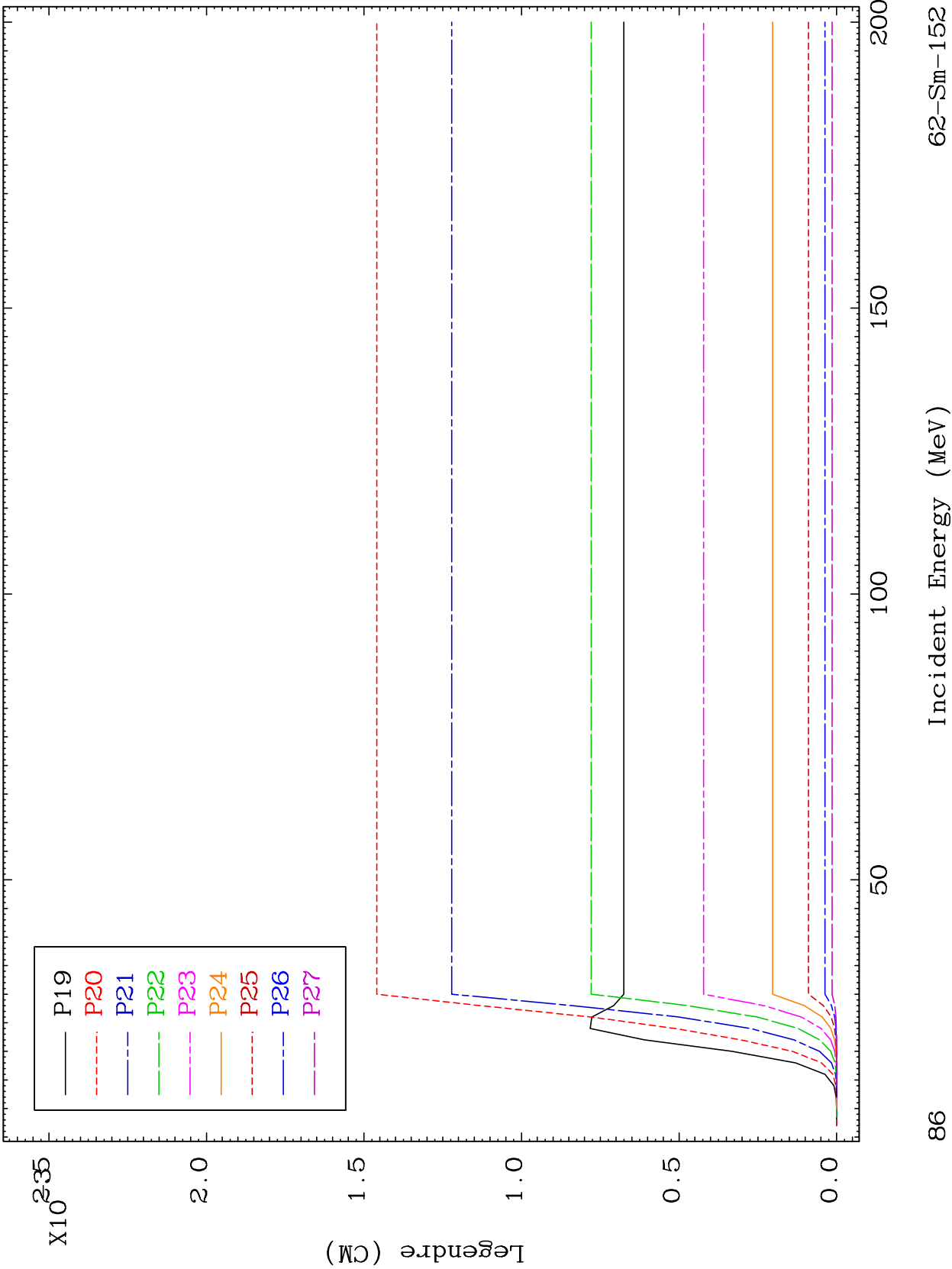
62-Sm-152



62-Sm-152

Incident Energy (MeV)

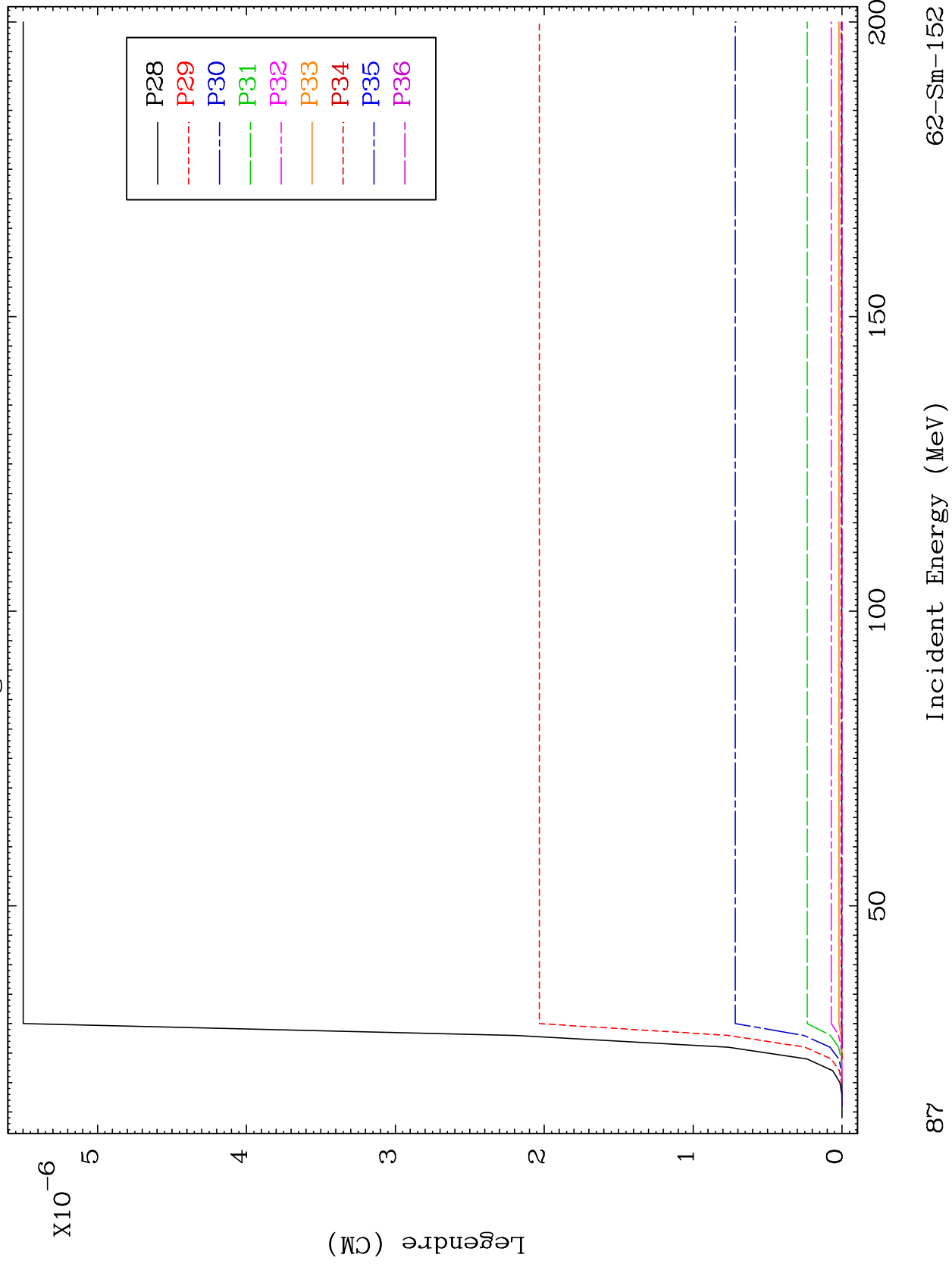
85



MAT 6249

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

62-Sm-152

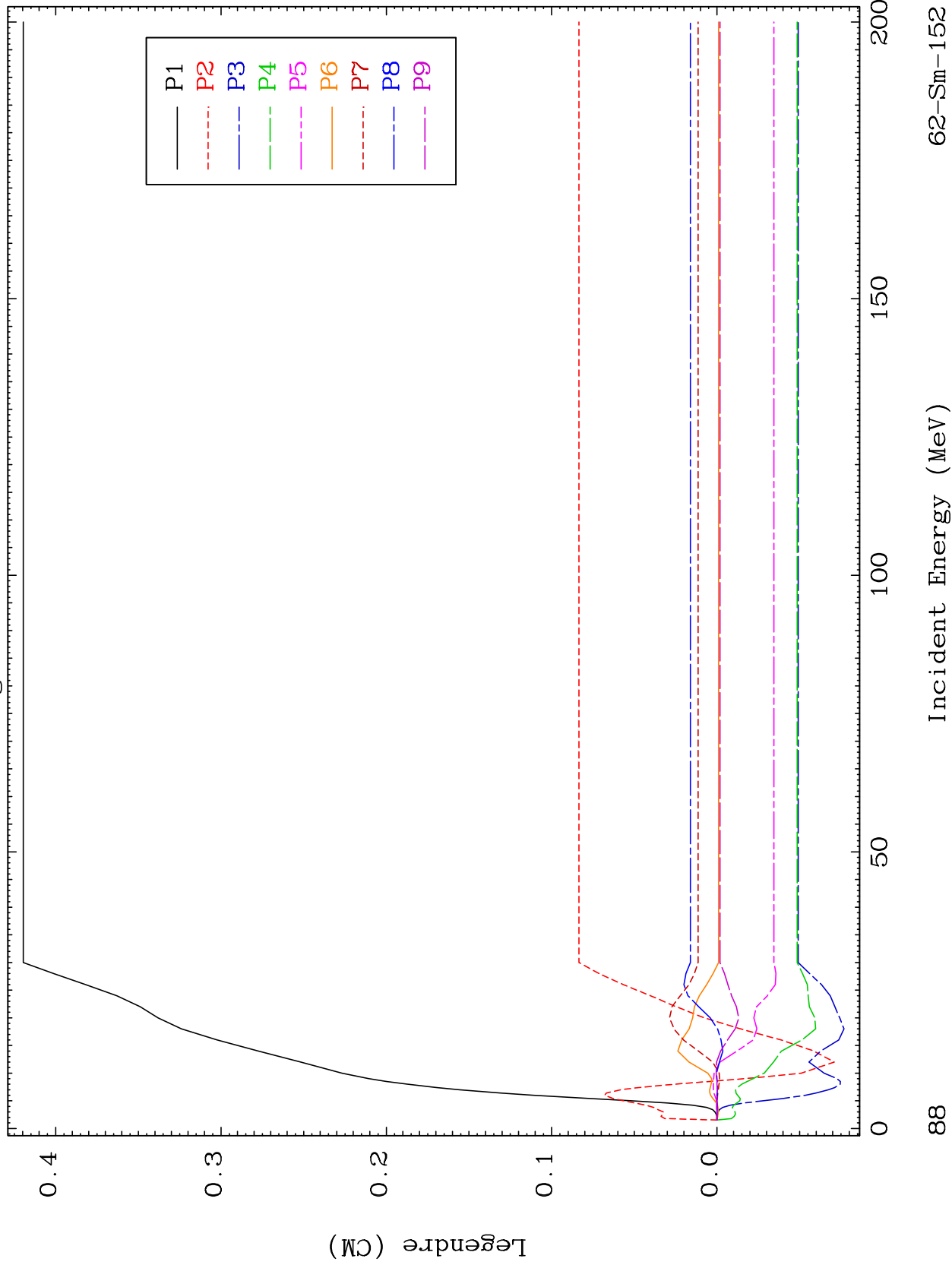


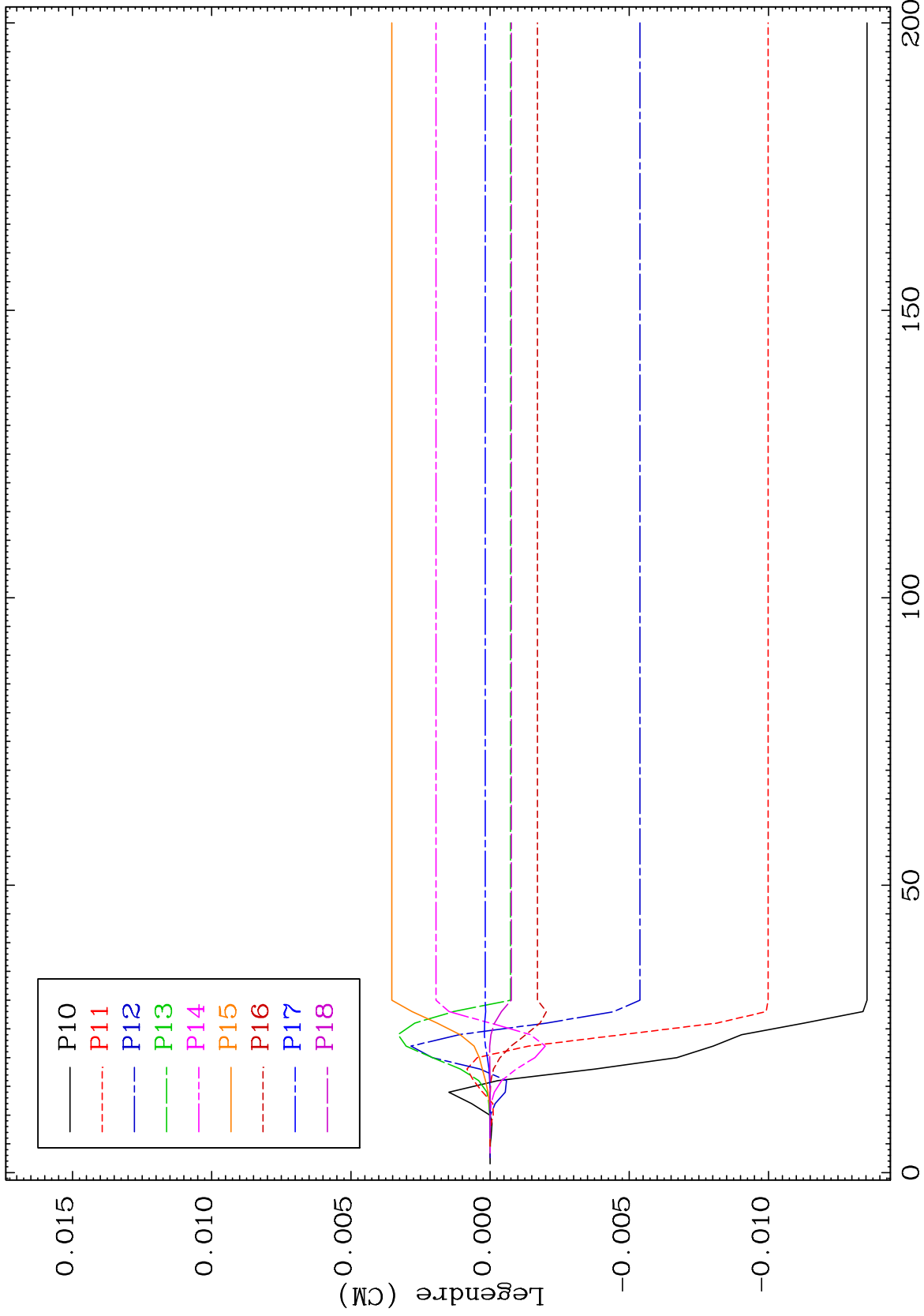


MAT 6249

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

62-Sm-152

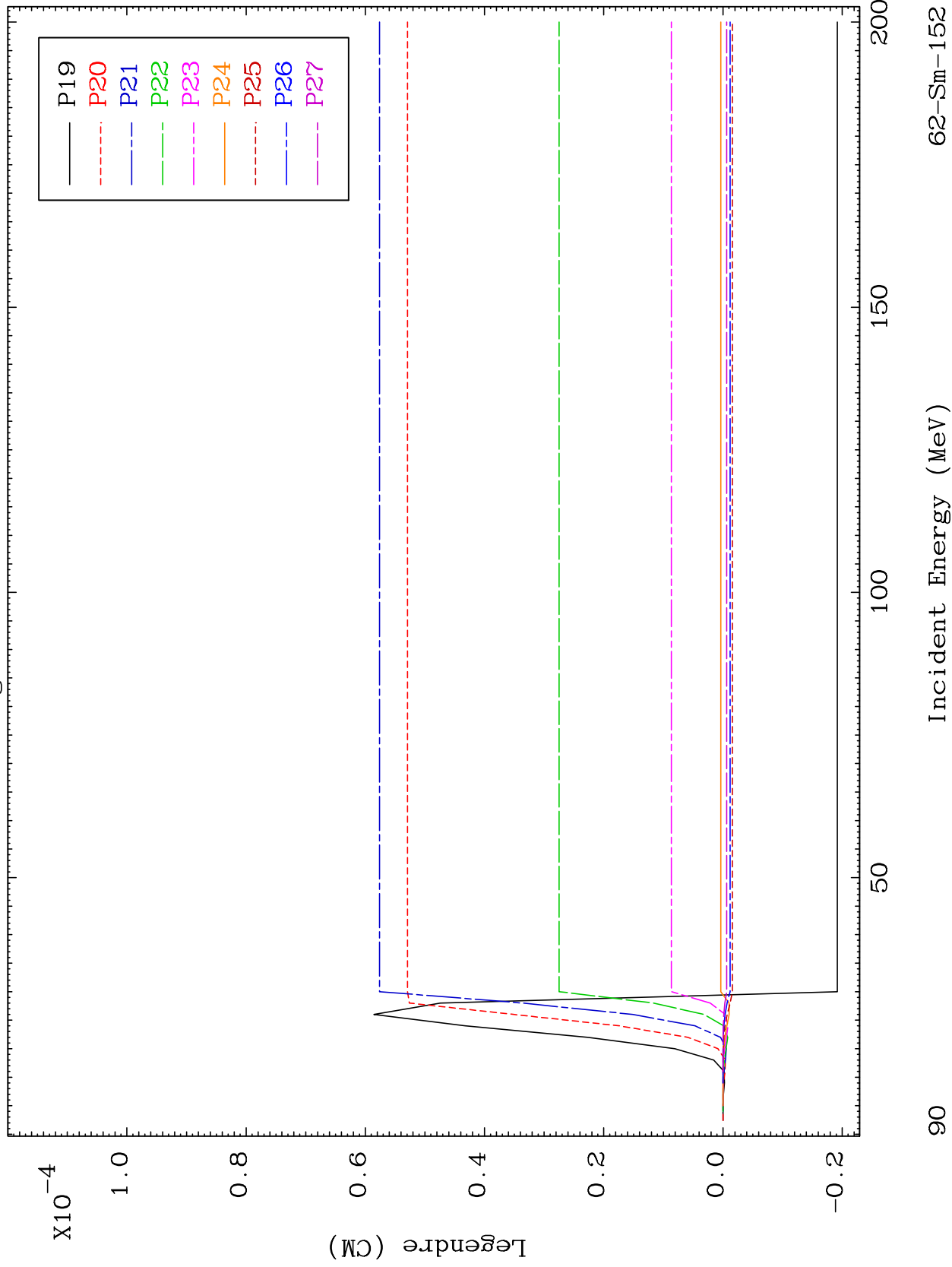




MAT 6249

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

62-Sm-152

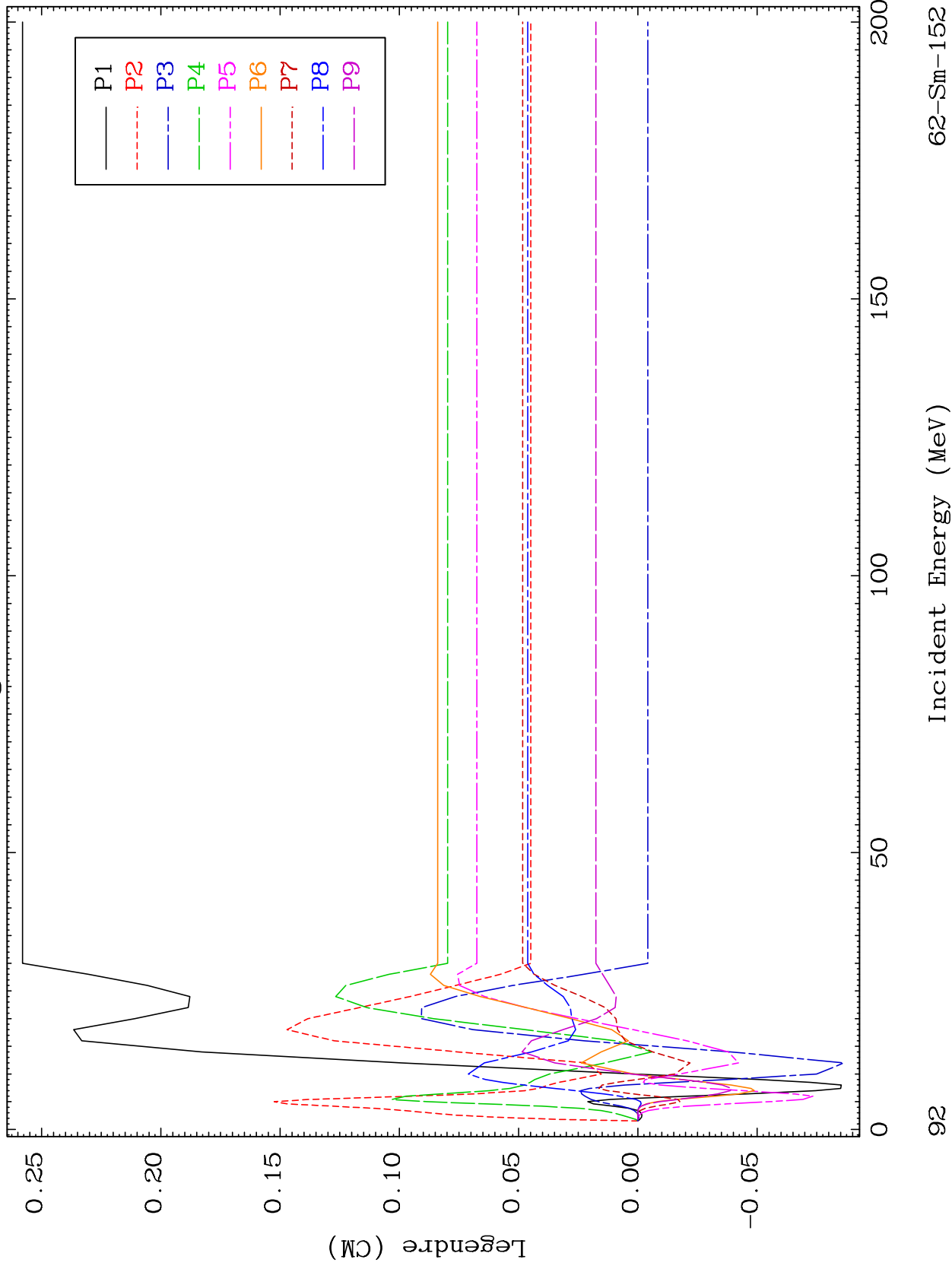




MAT 6249

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

62-Sm-152



62-Sm-152

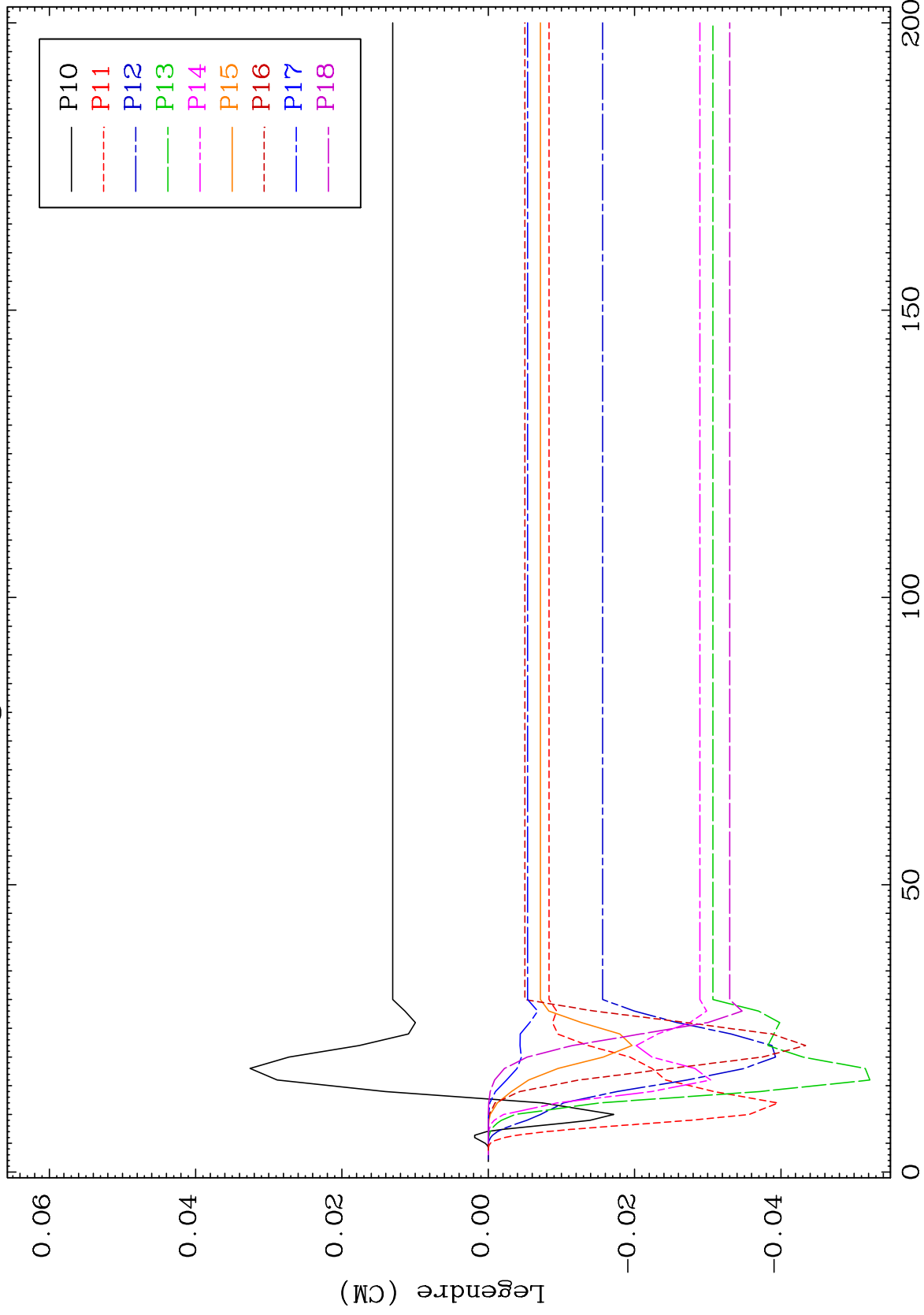
Incident Energy (MeV)

92

MAT 6249

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

62-Sm-152



93

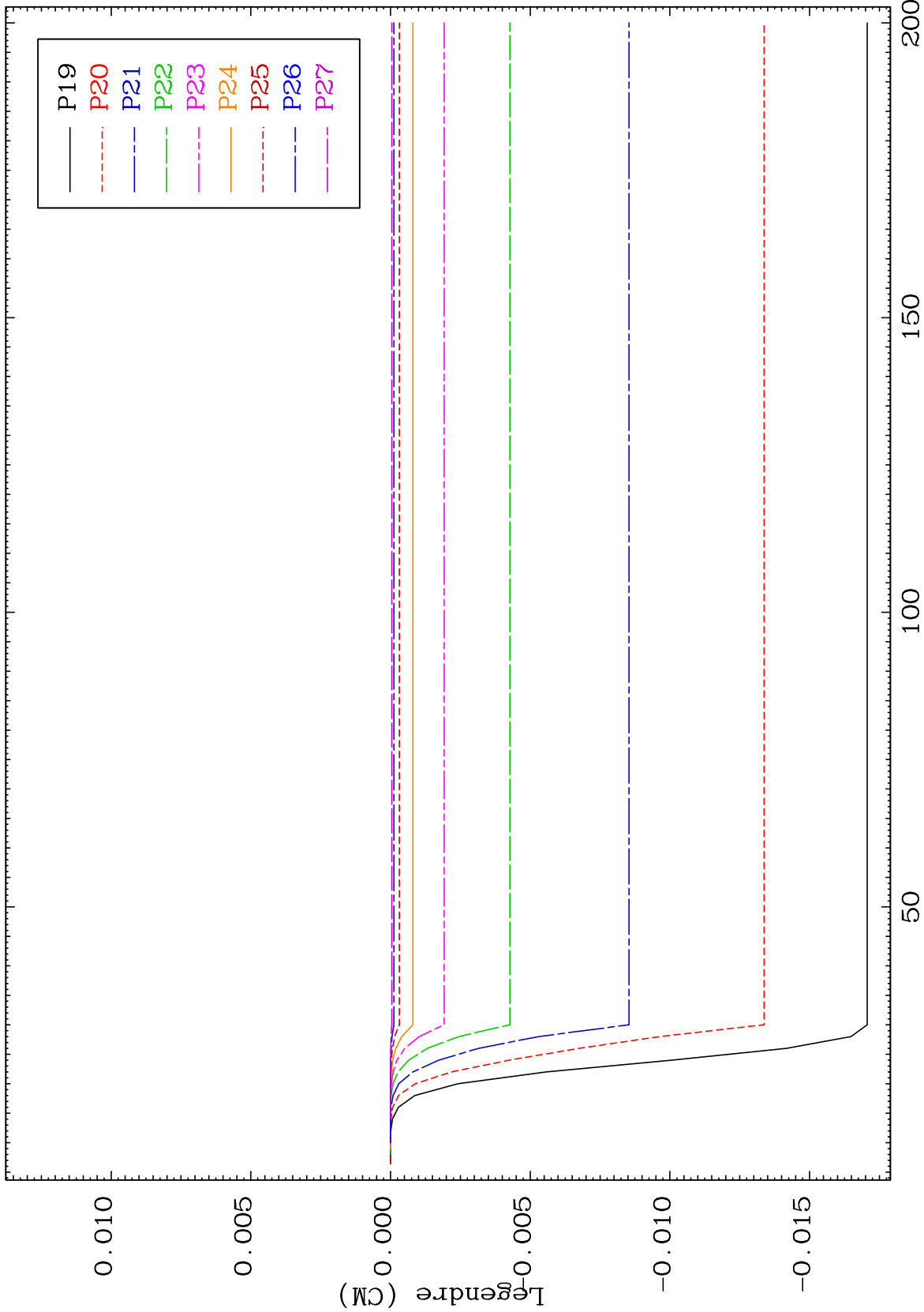
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



94

Incident Energy (MeV)

62-Sm-152



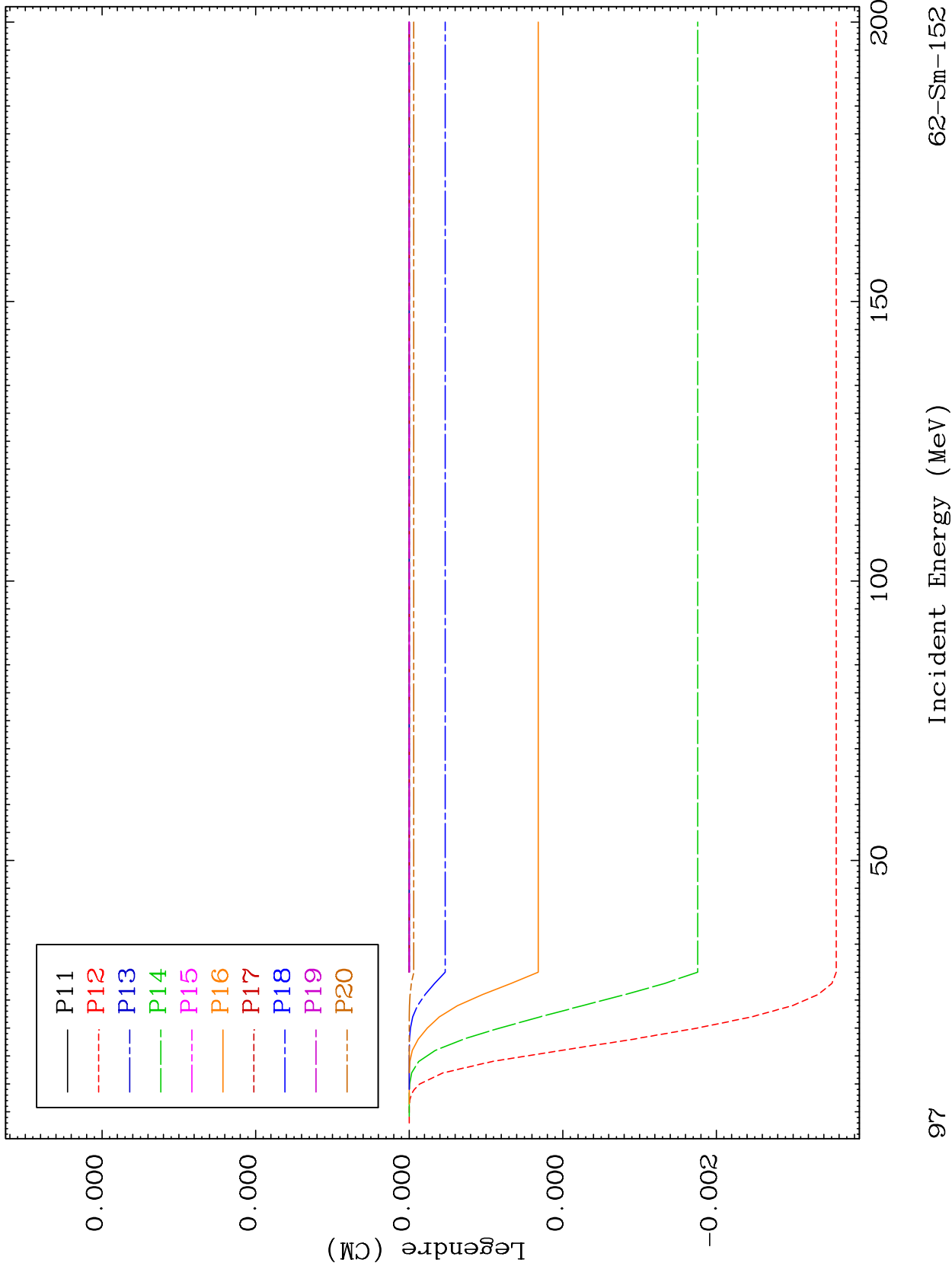




MAT 6249

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

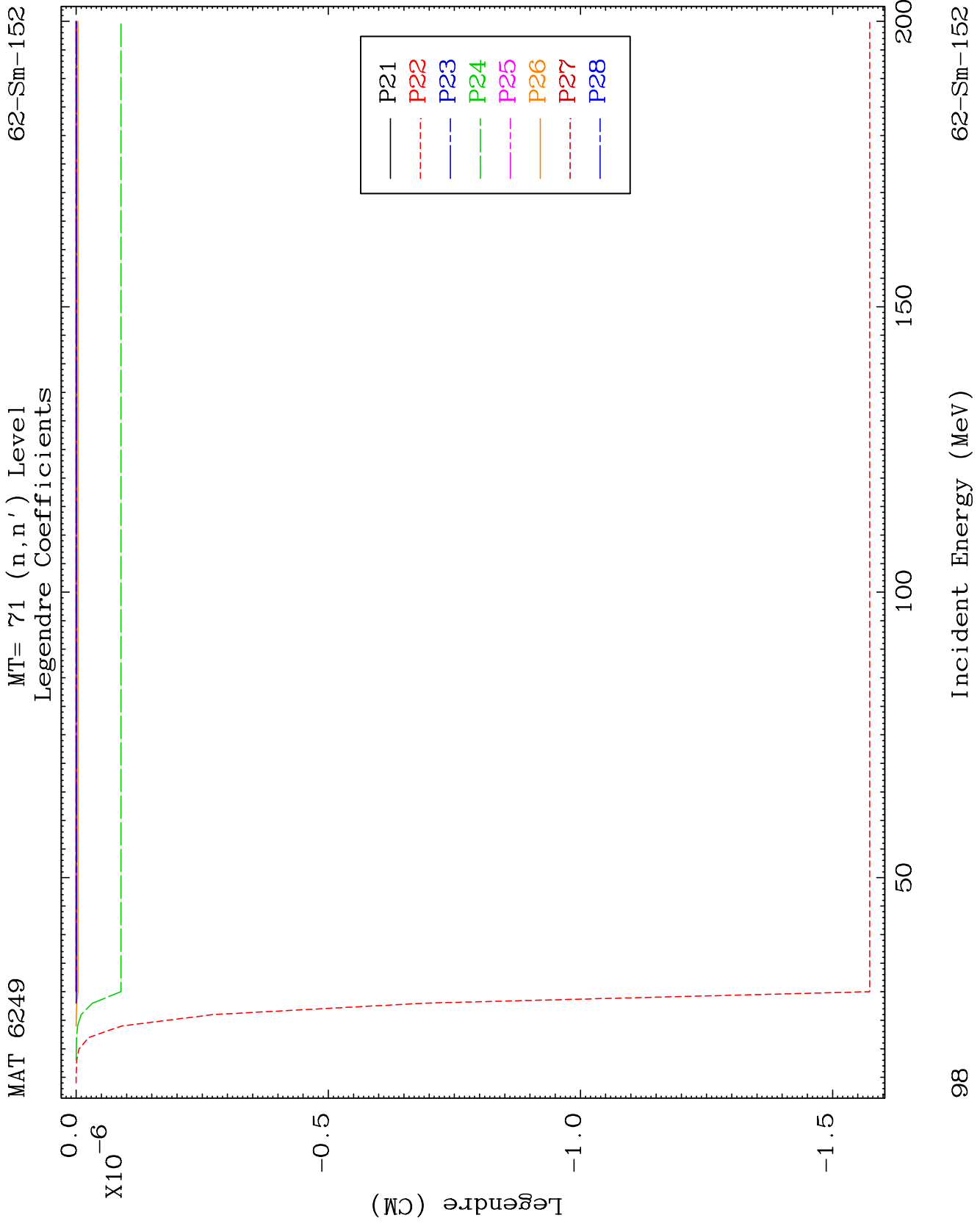
62-Sm-152



97

Incident Energy (MeV)

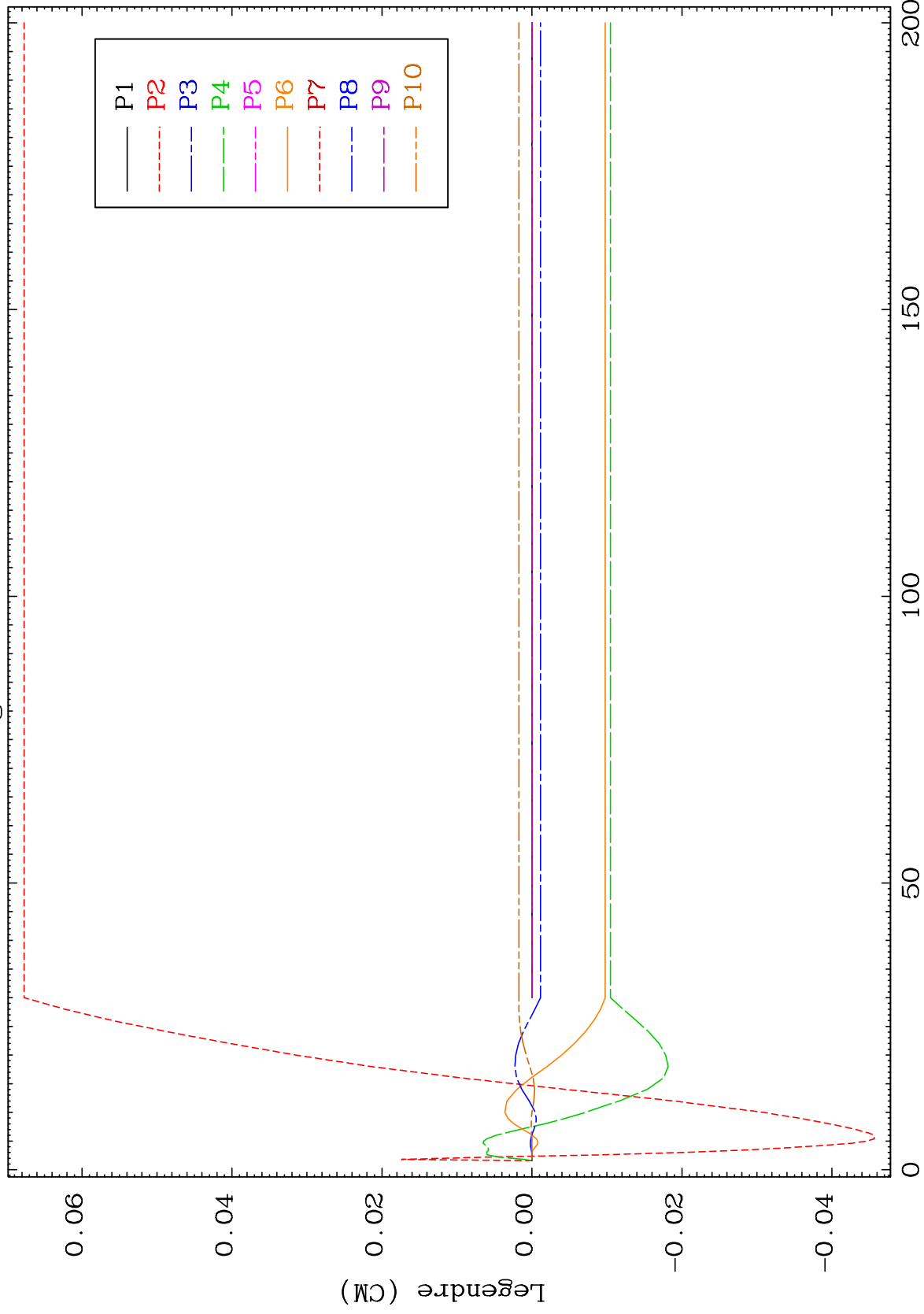
62-Sm-152



MAT 6249

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

62-Sm-152



99

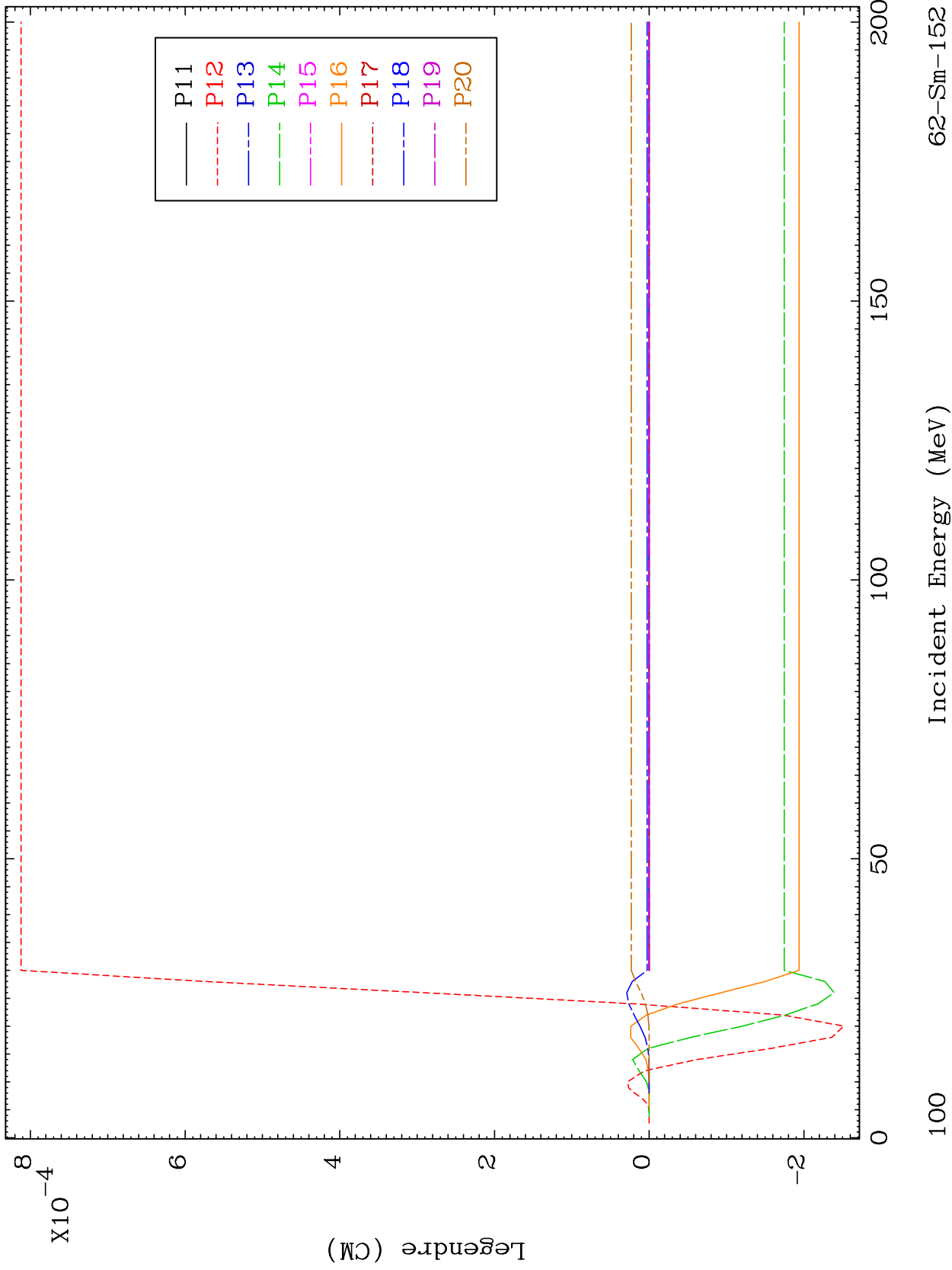
Incident Energy (MeV)

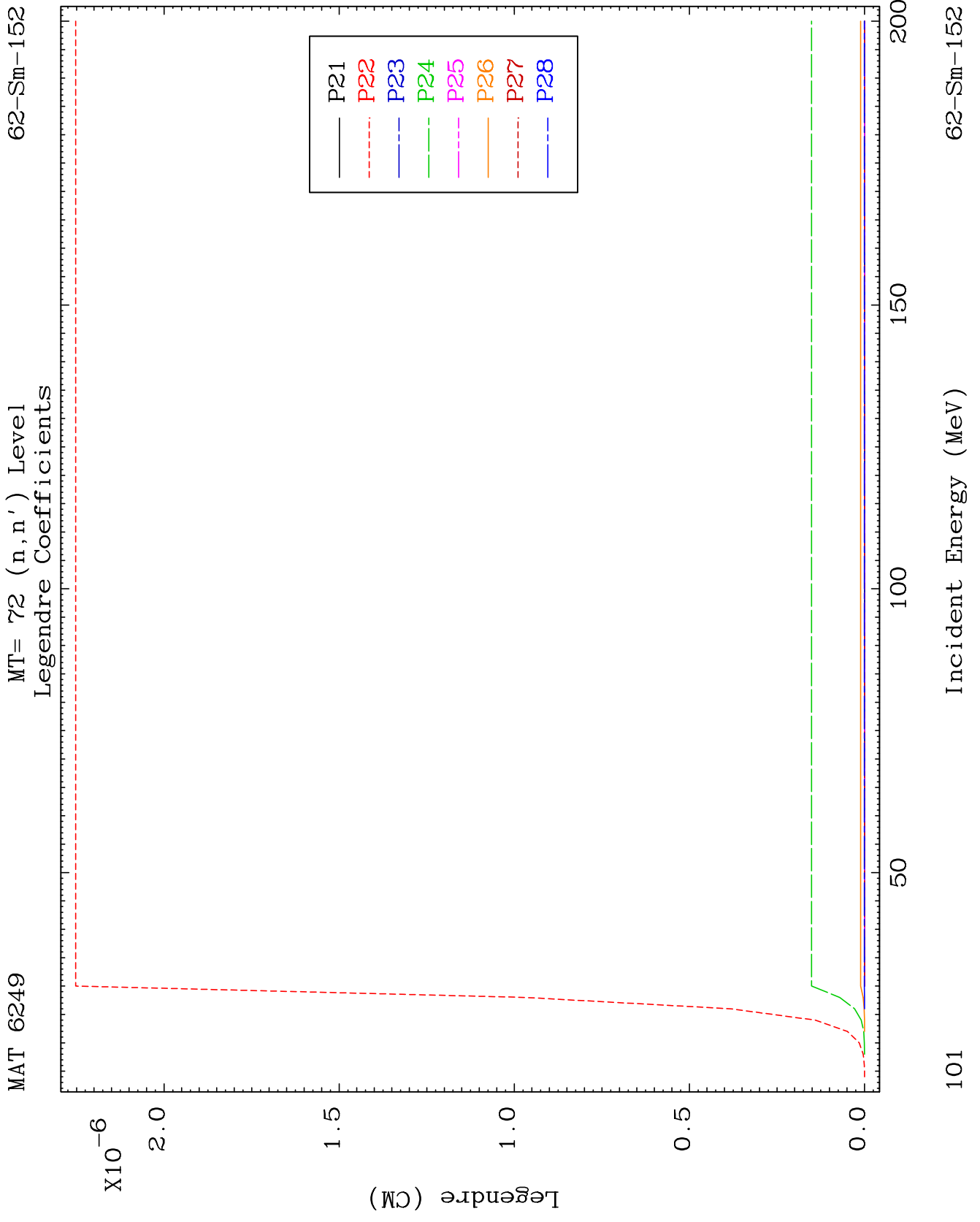
62-Sm-152

MAT 6249

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

62-Sm-152

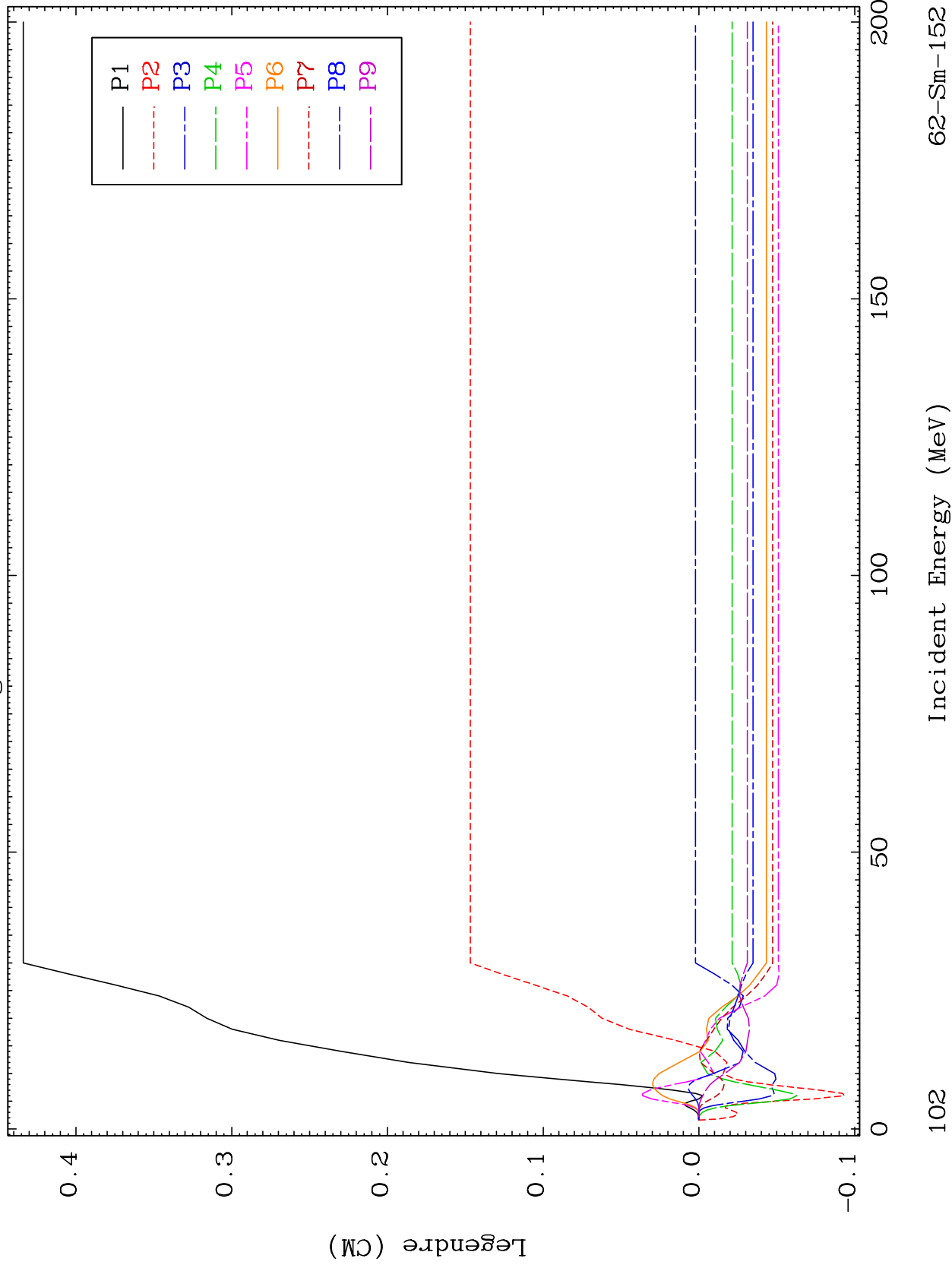




MAT 6249

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

62-Sm-152



62-Sm-152

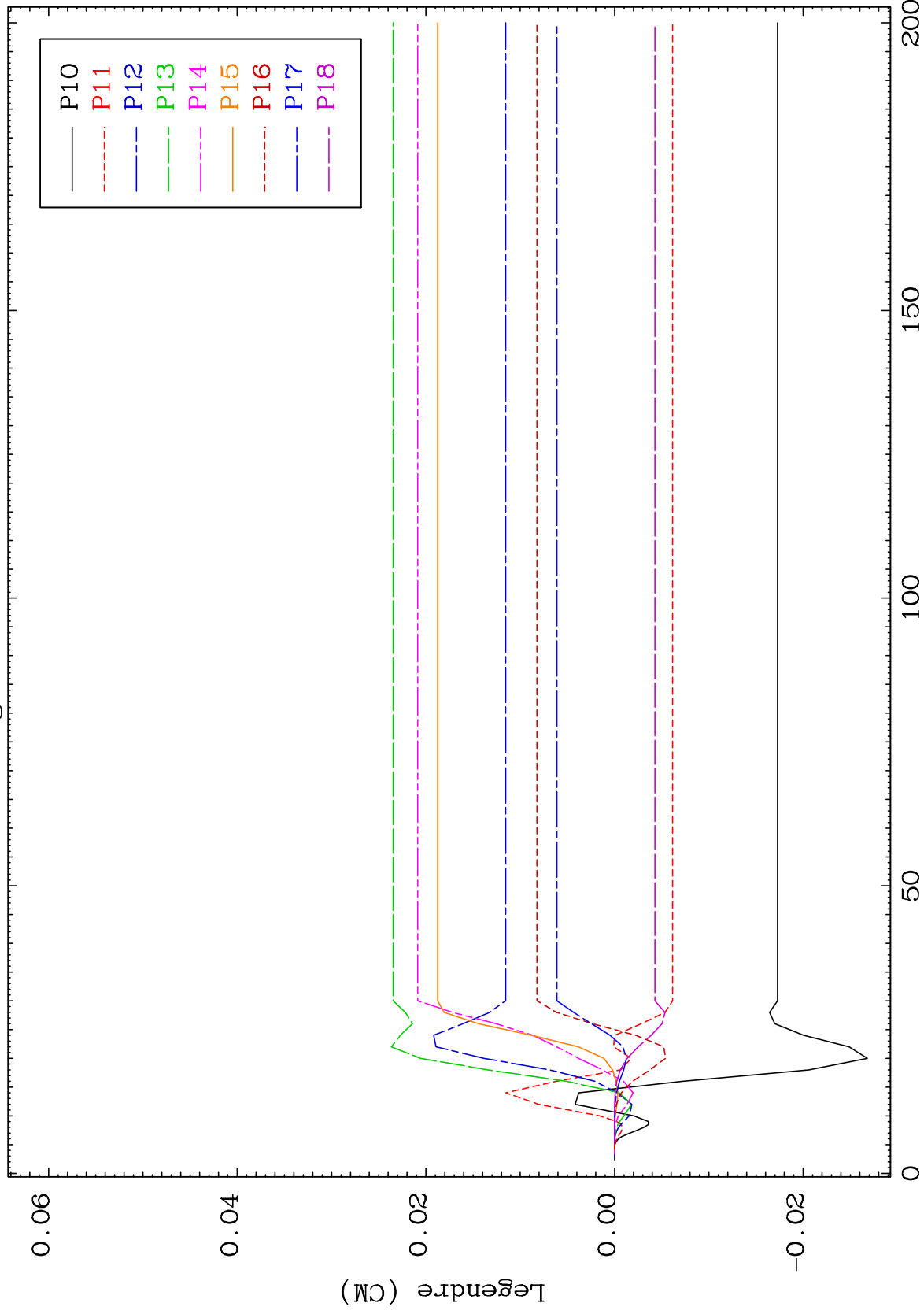
Incident Energy (MeV)

102

MAT 6249

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

62-Sm-152

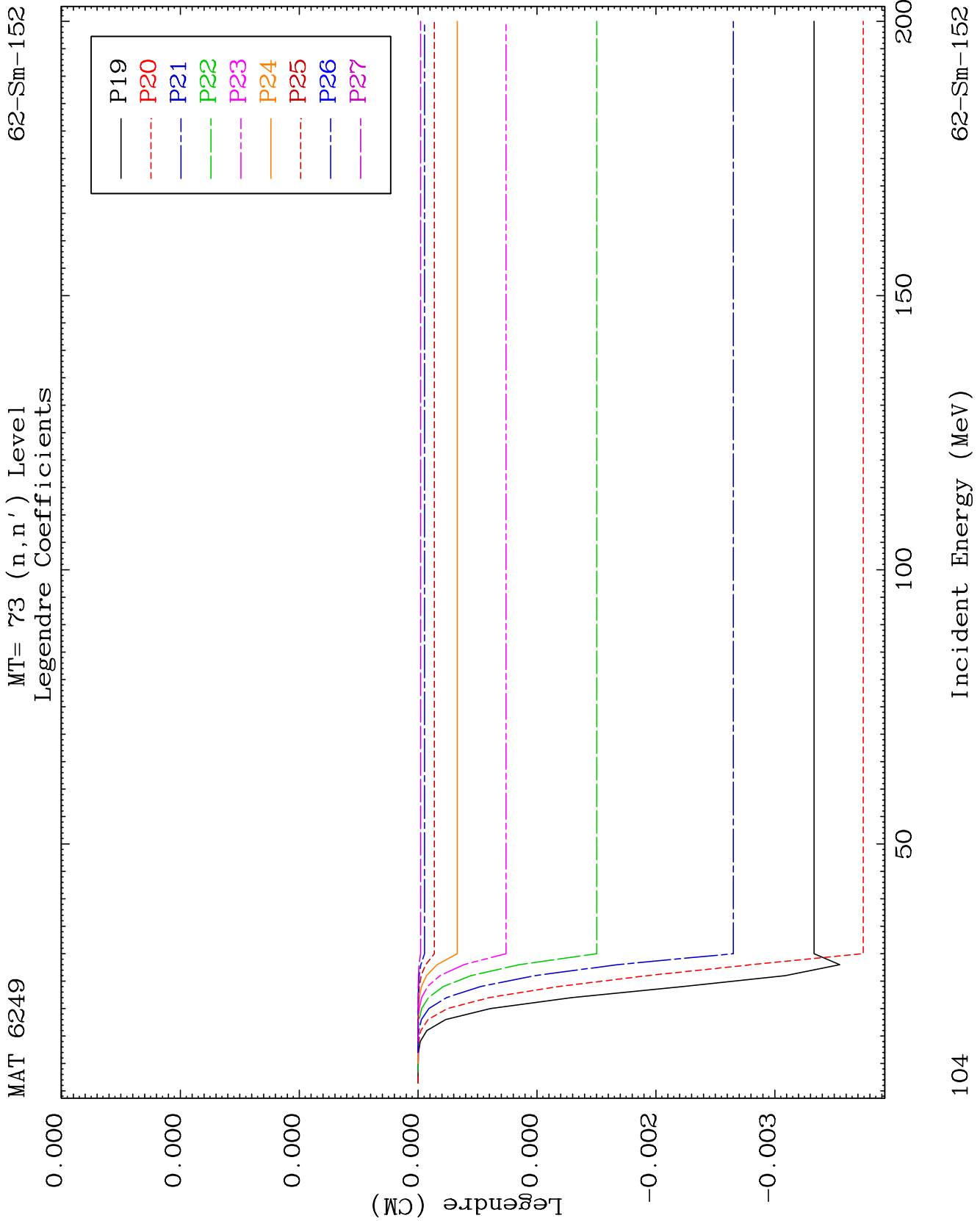


103

Incident Energy (MeV)

62-Sm-152

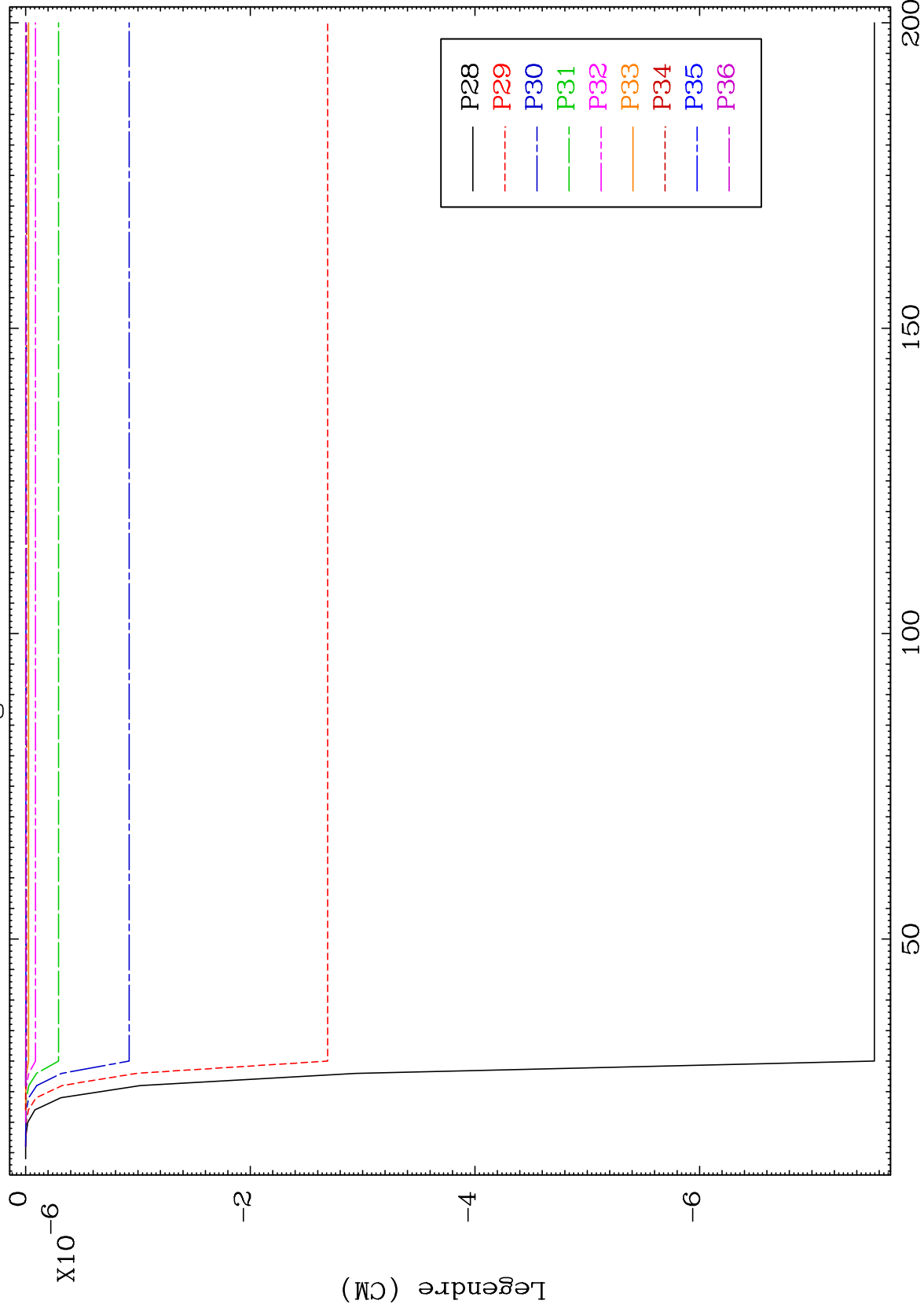




MAT 6249

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

62-Sm-152



105

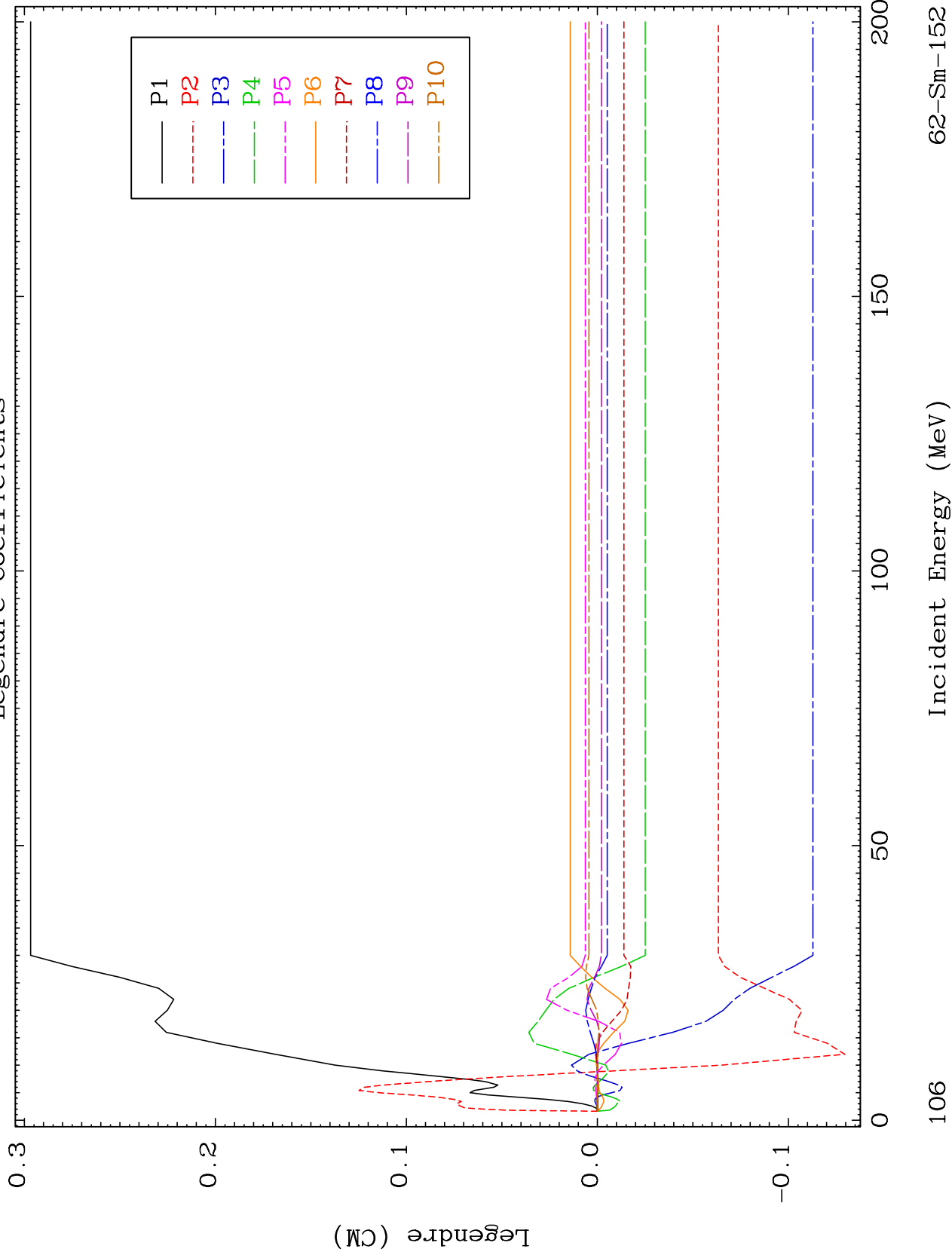
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



106

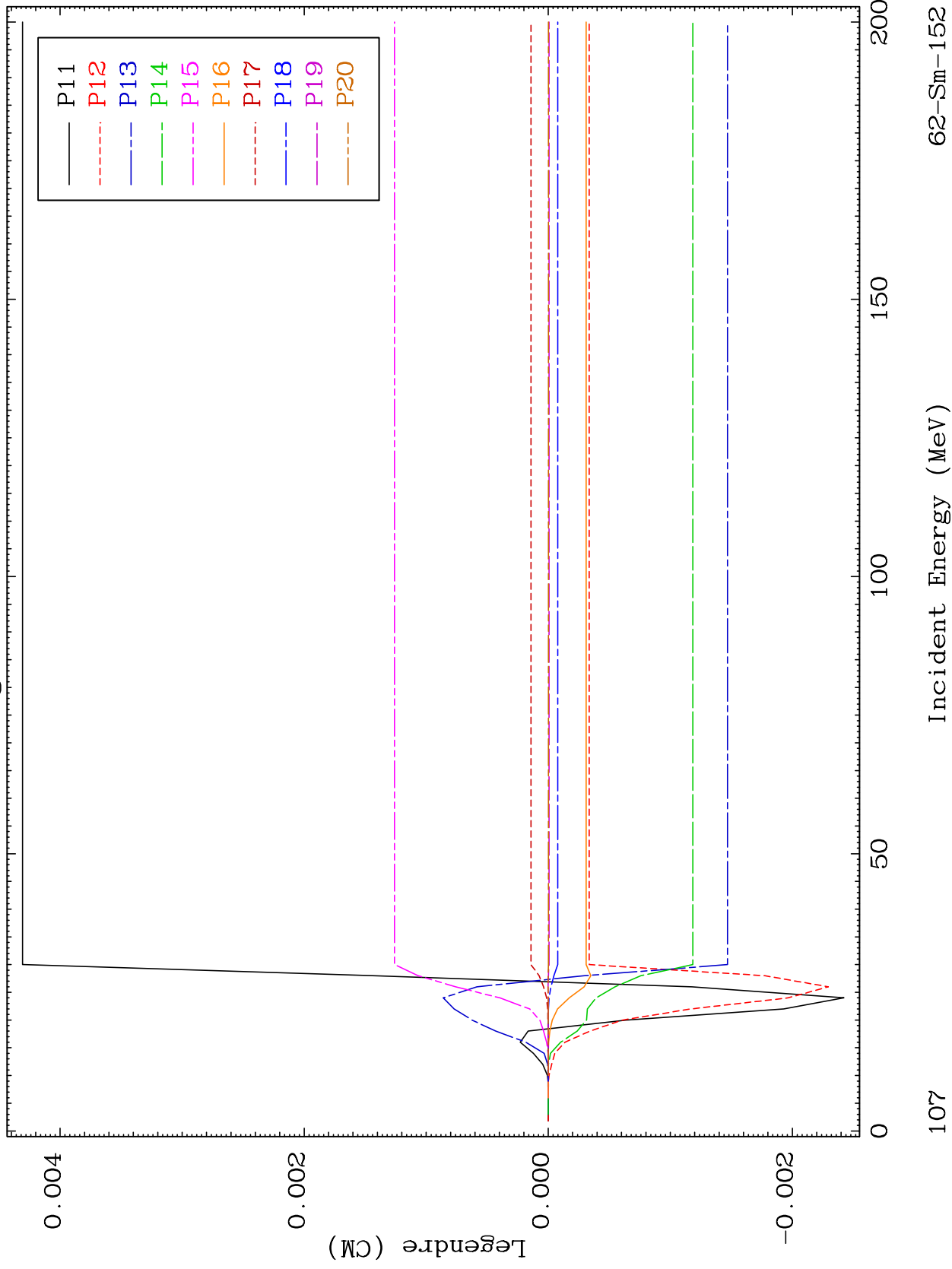
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

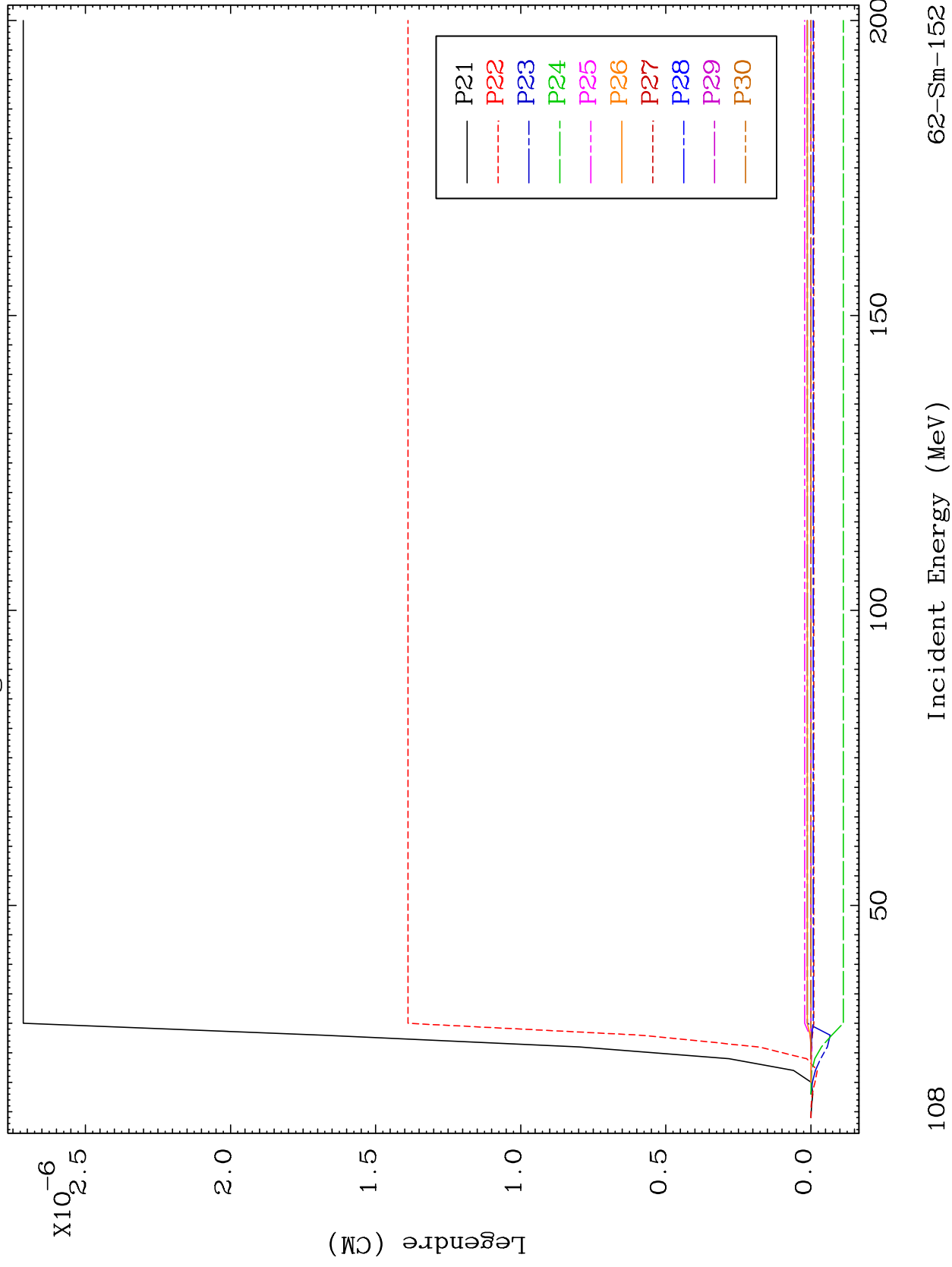
Incident Energy (MeV)

107

MAT 6249

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

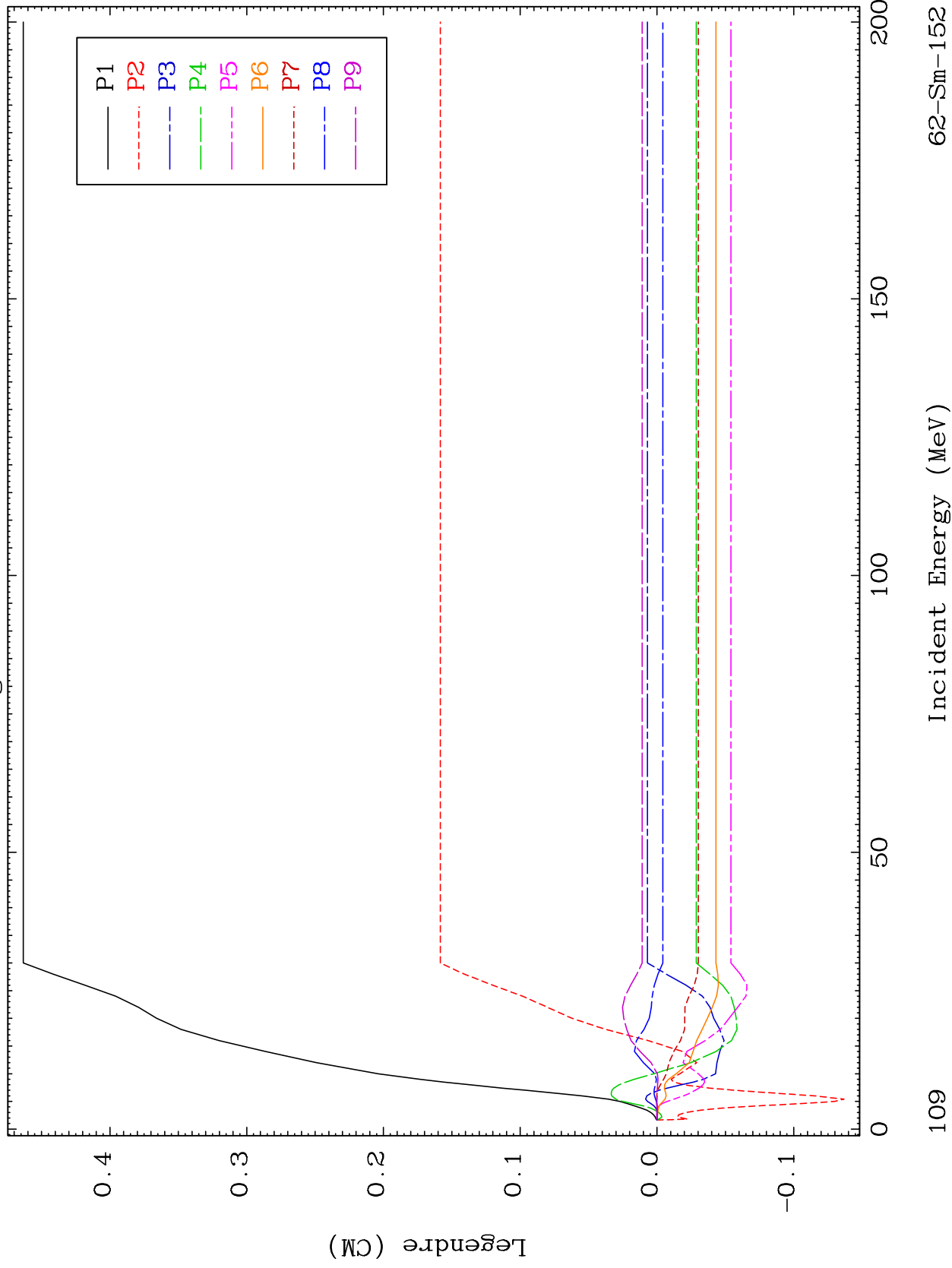
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

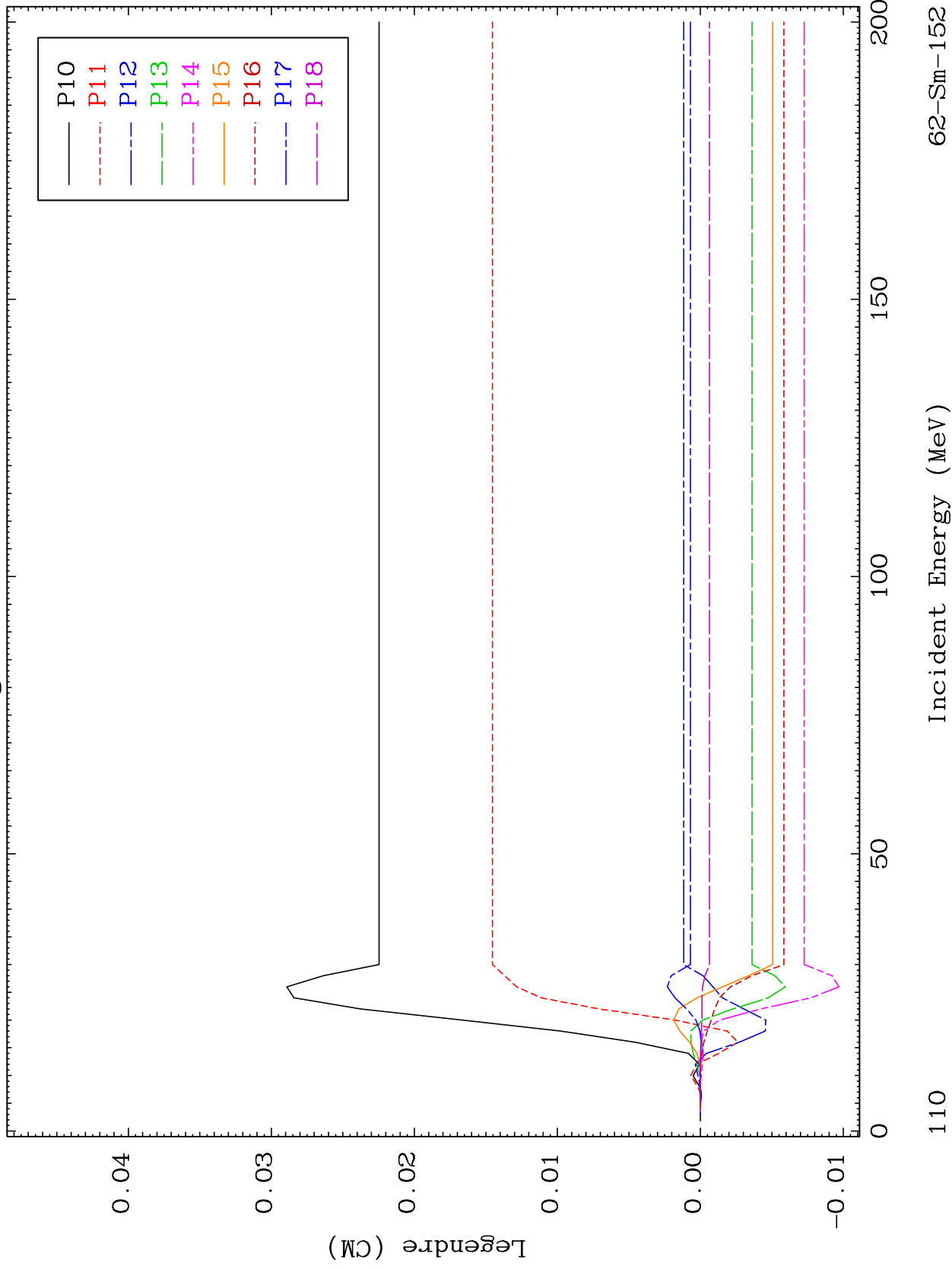
Incident Energy (MeV)

109

MAT 6249

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

62-Sm-152



62-Sm-152

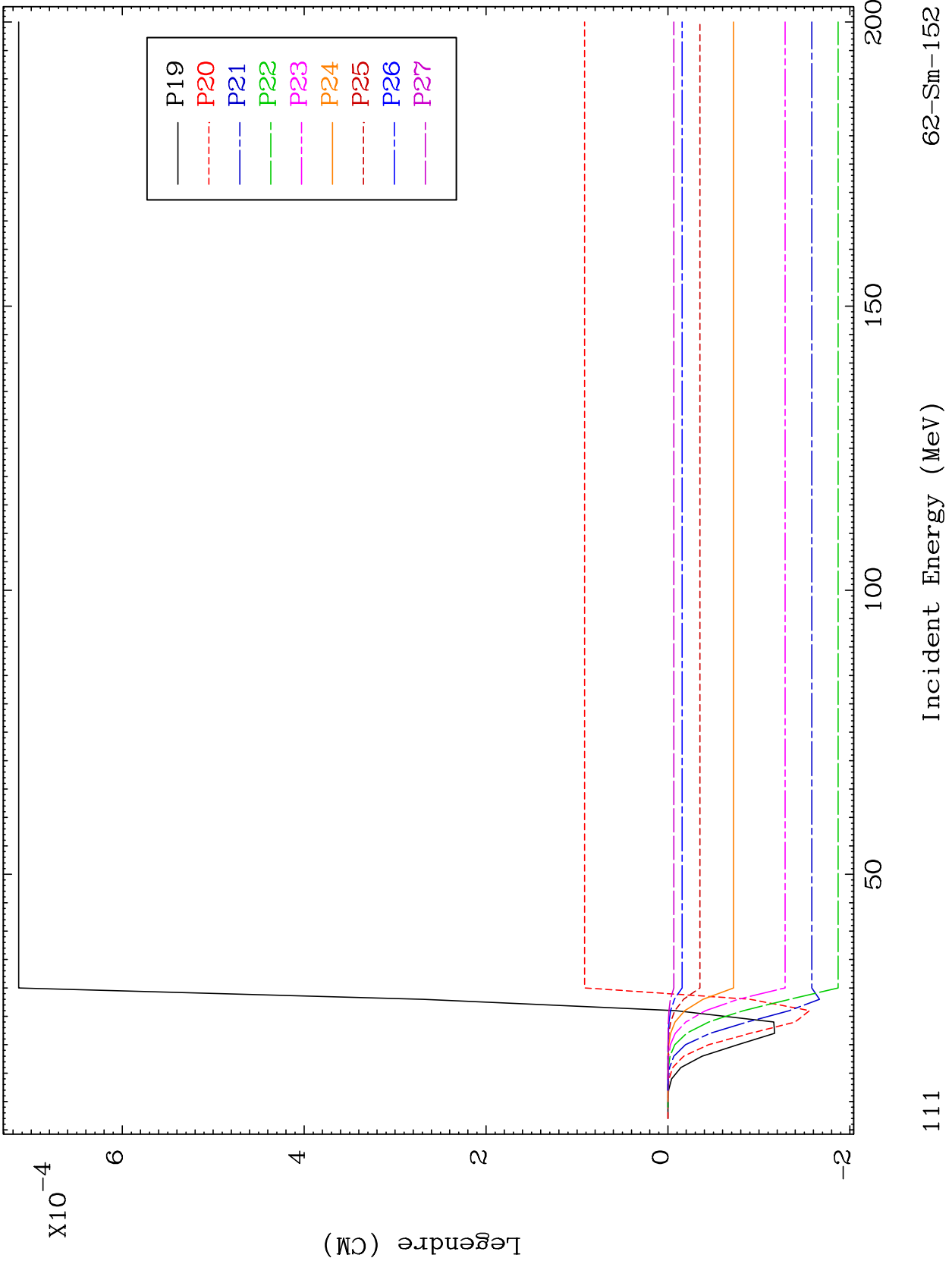
Incident Energy (MeV)

110

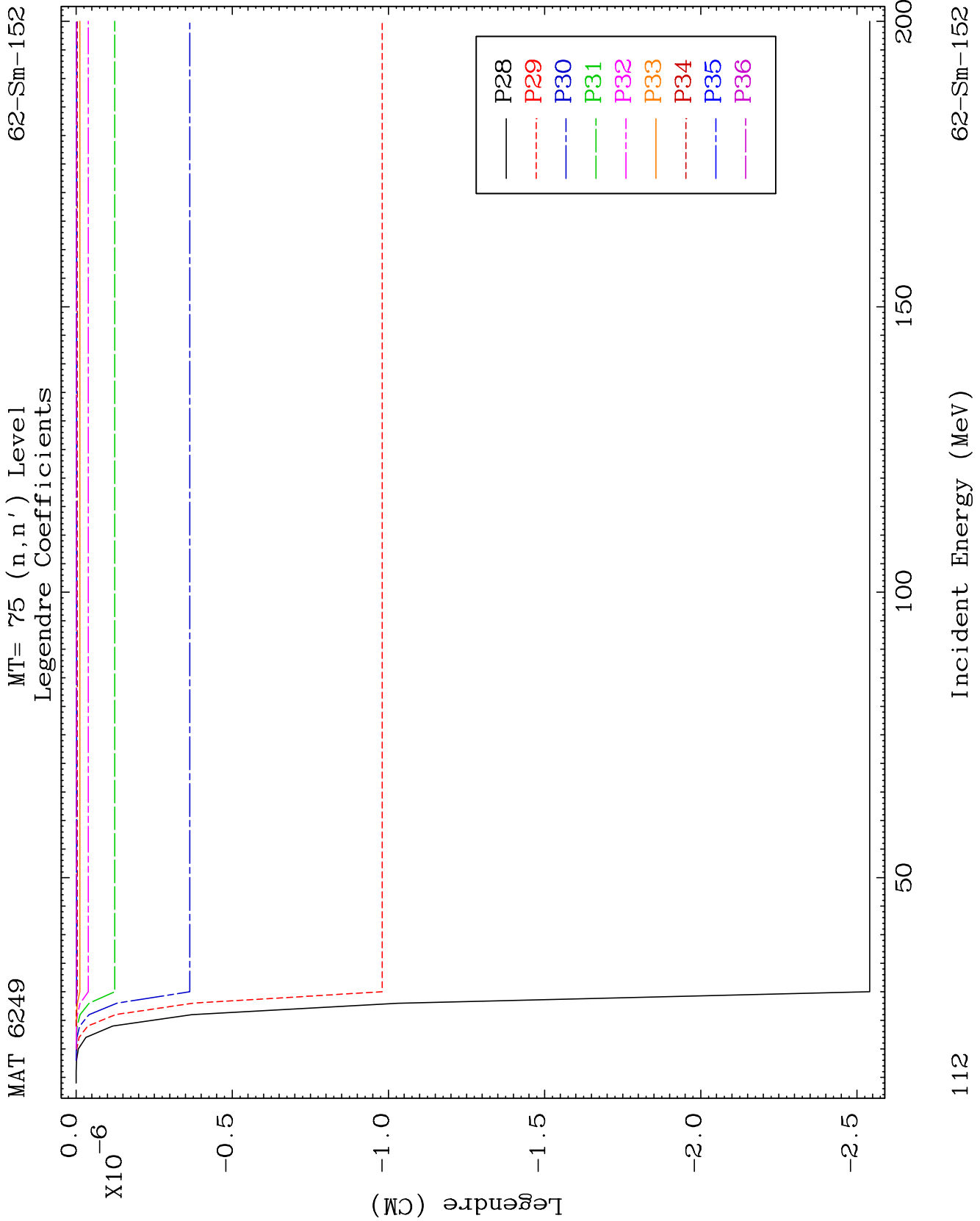
MAT 6249

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

62-Sm-152



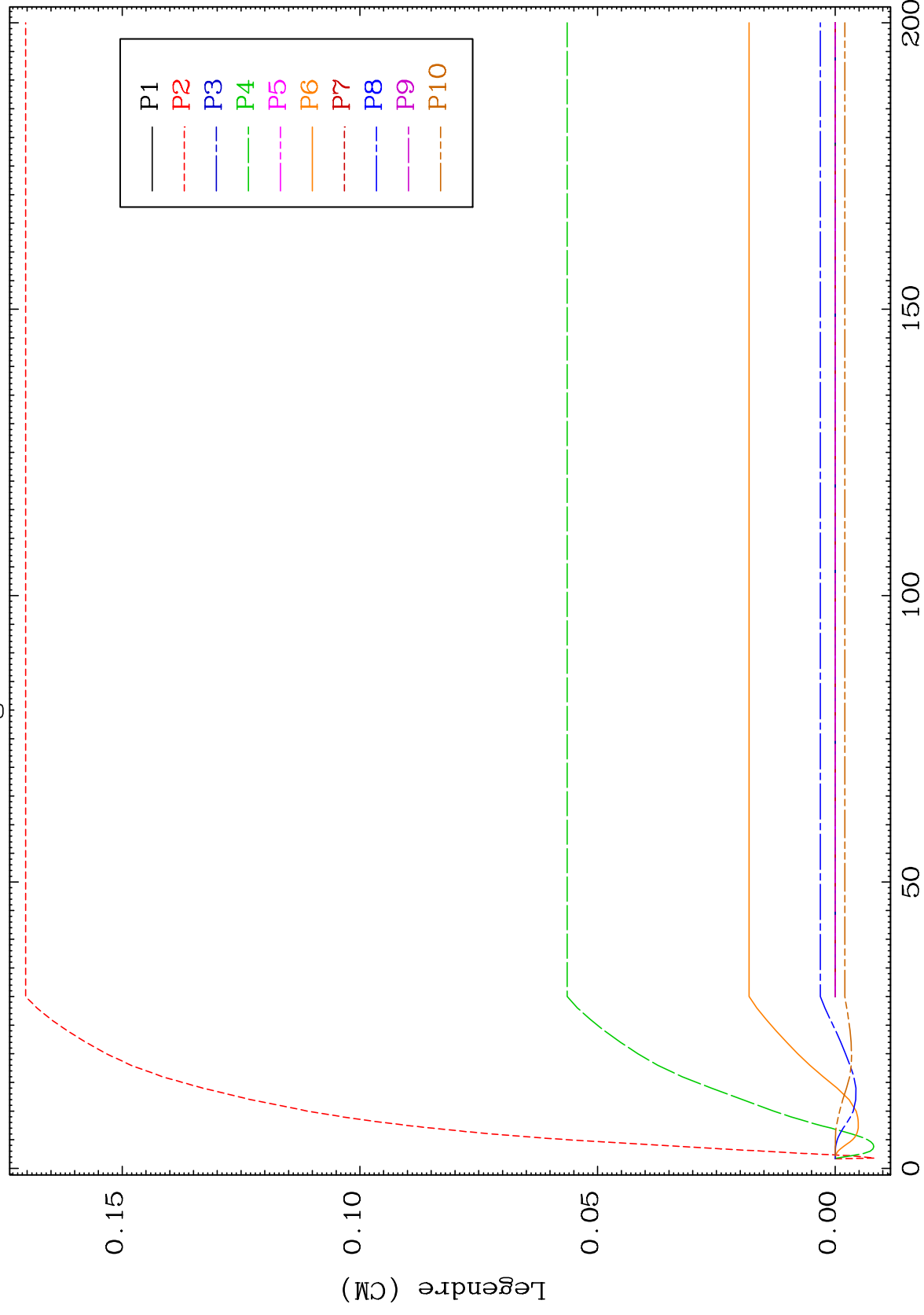




MAT 6249

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

62-Sm-152



62-Sm-152

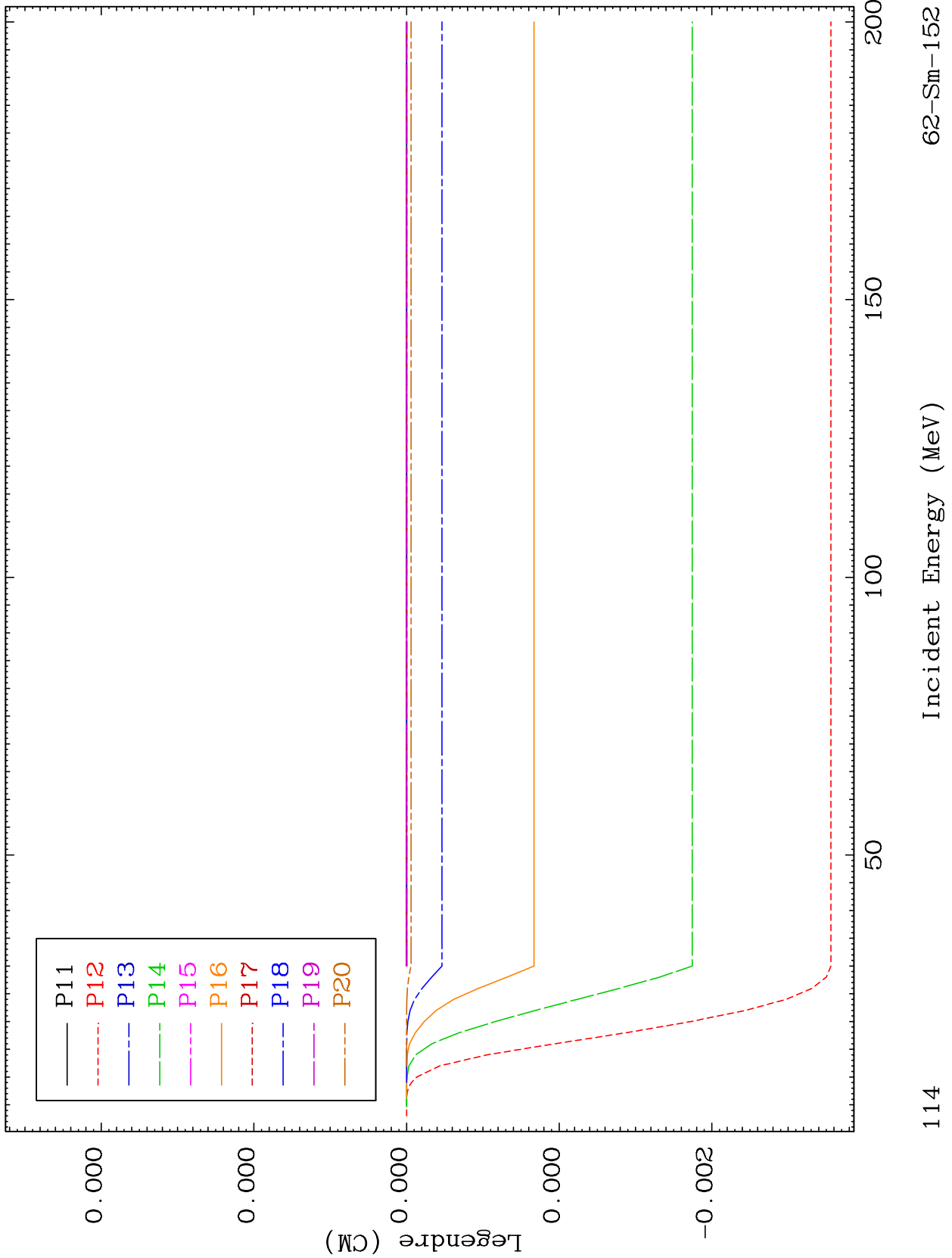
Incident Energy (MeV)

113

MAT 6249

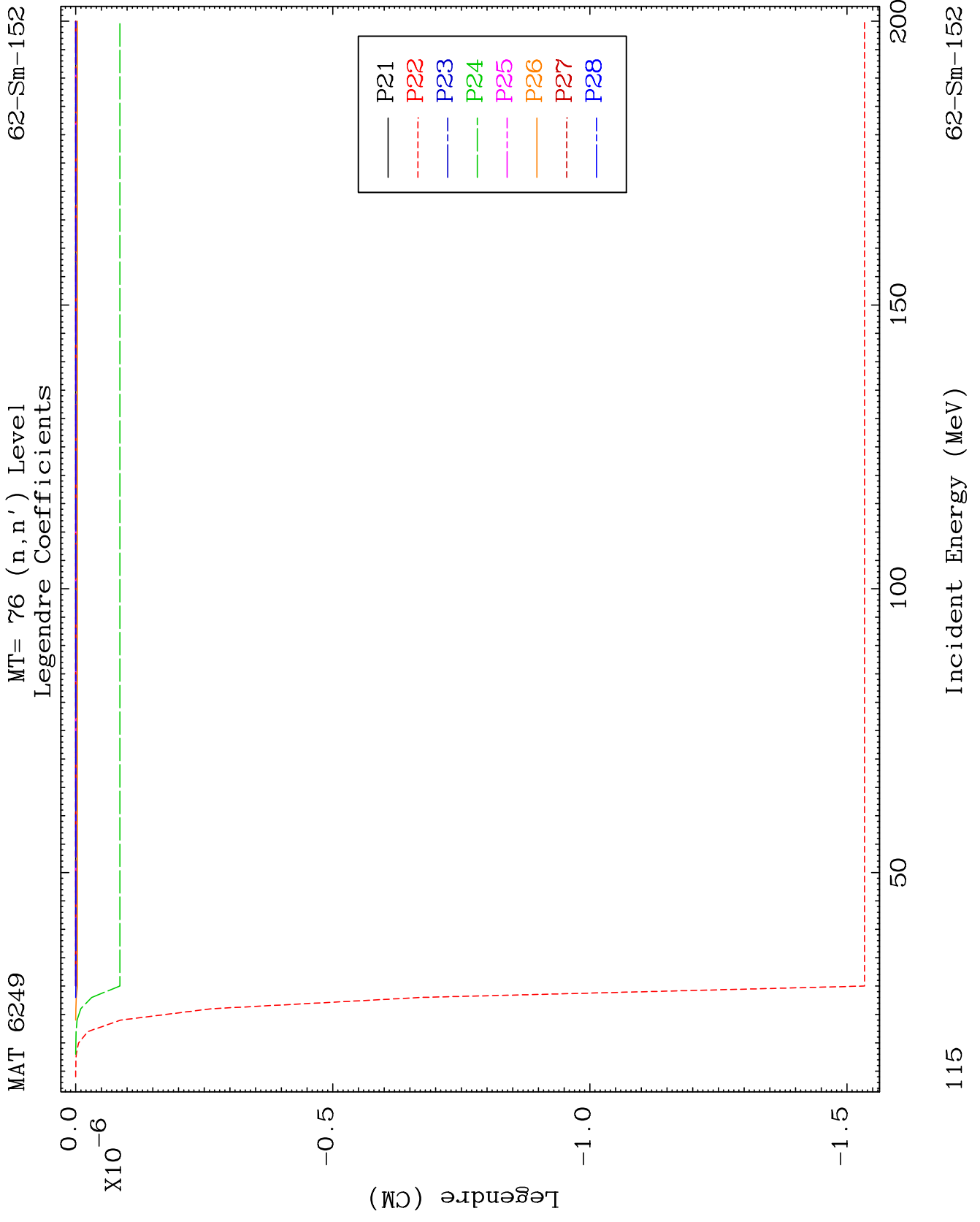
MT= 76 (n,n') Level  
Legendre Coefficients

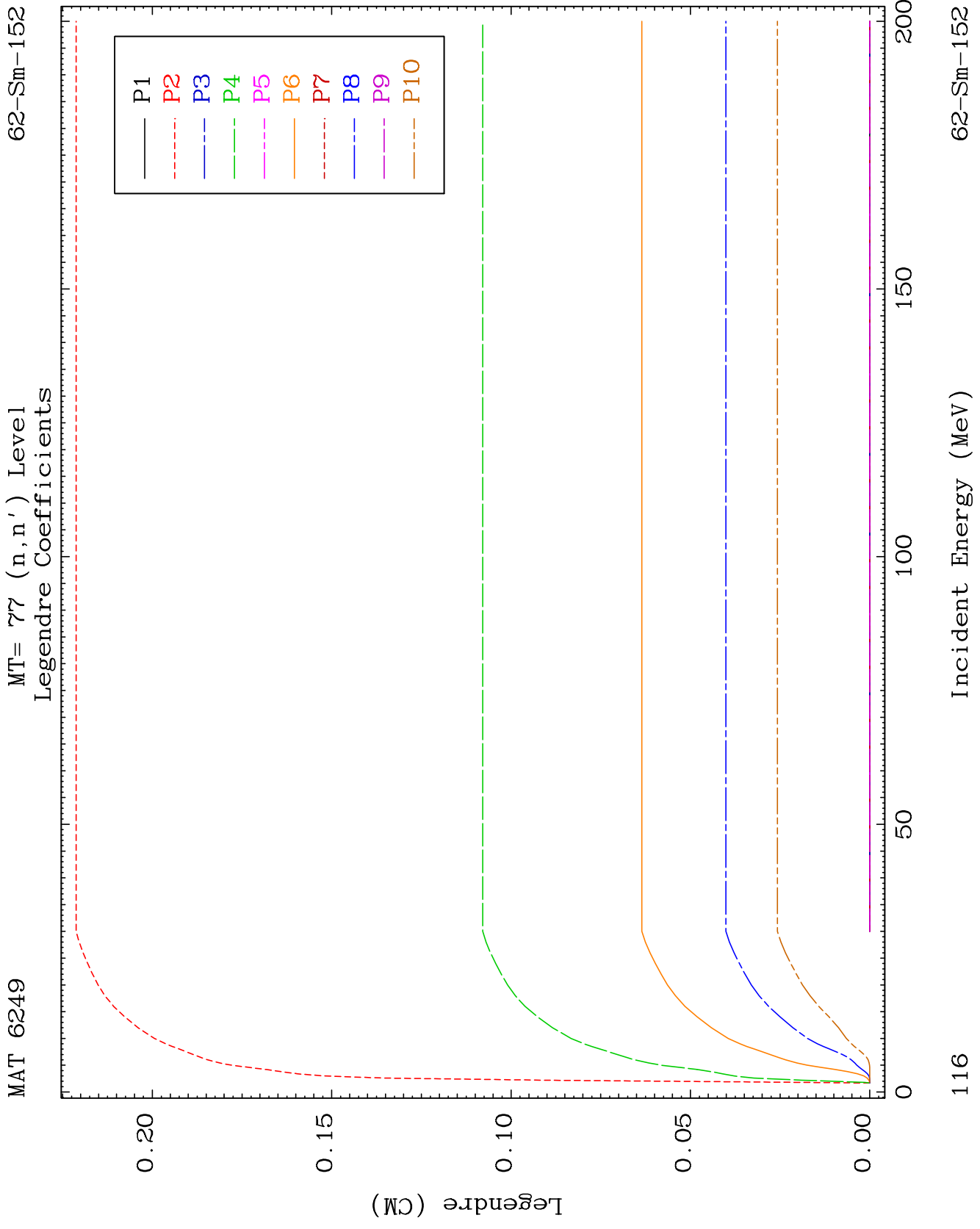
62-Sm-152



114

62-Sm-152

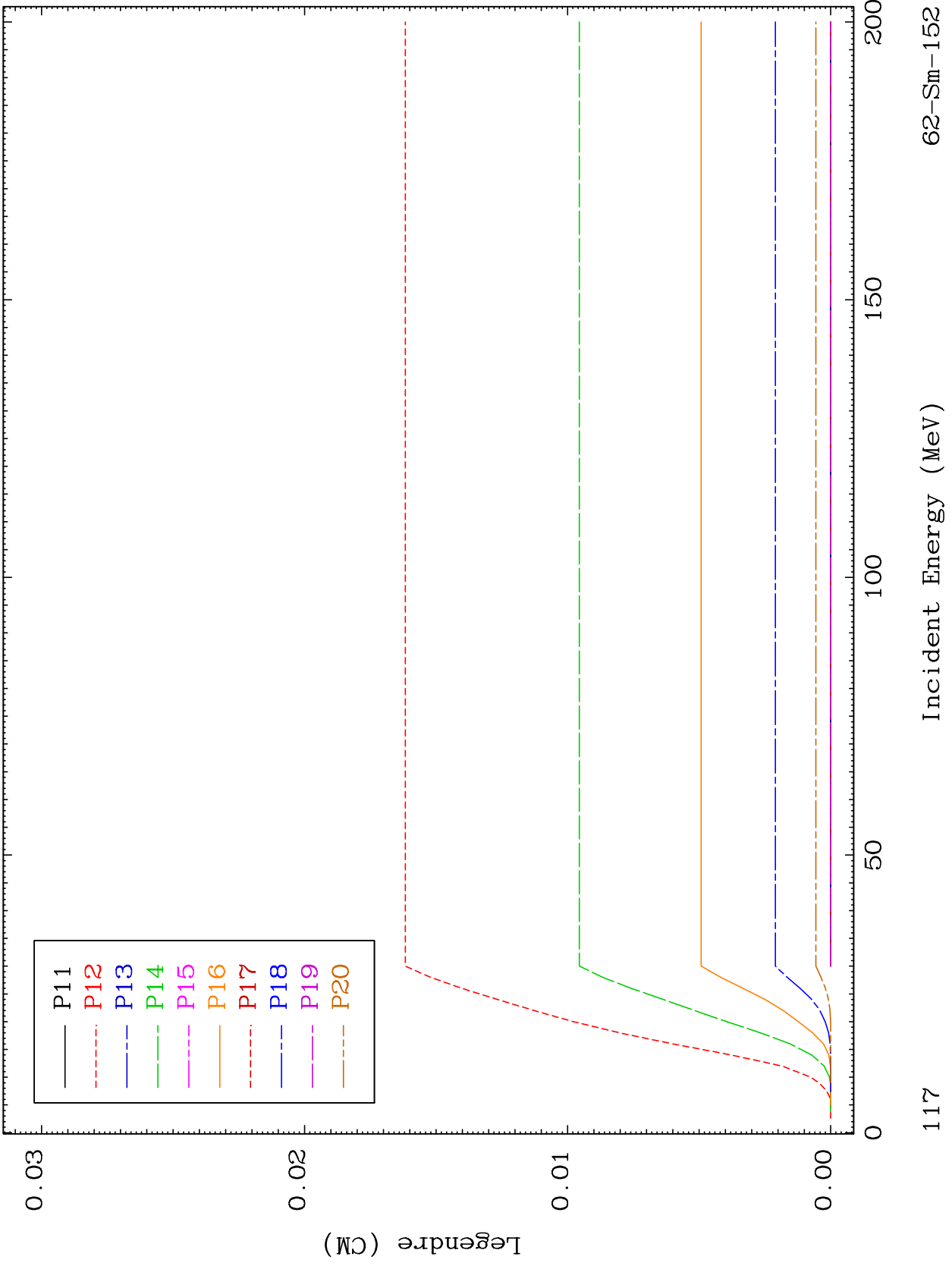




MAT 6249

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

62-Sm-152



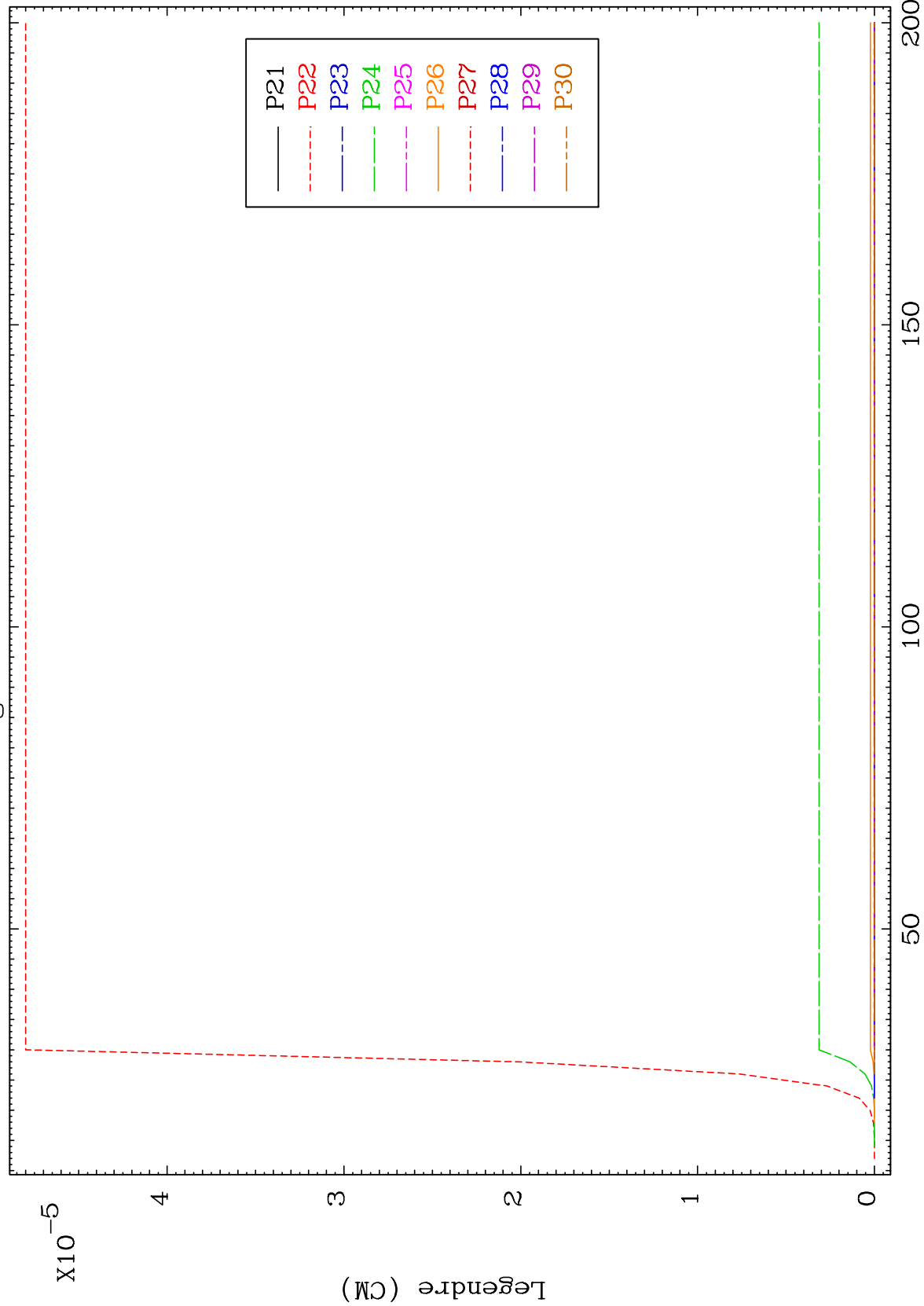
117

62-Sm-152

MAT 6249

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

62-Sm-152



118

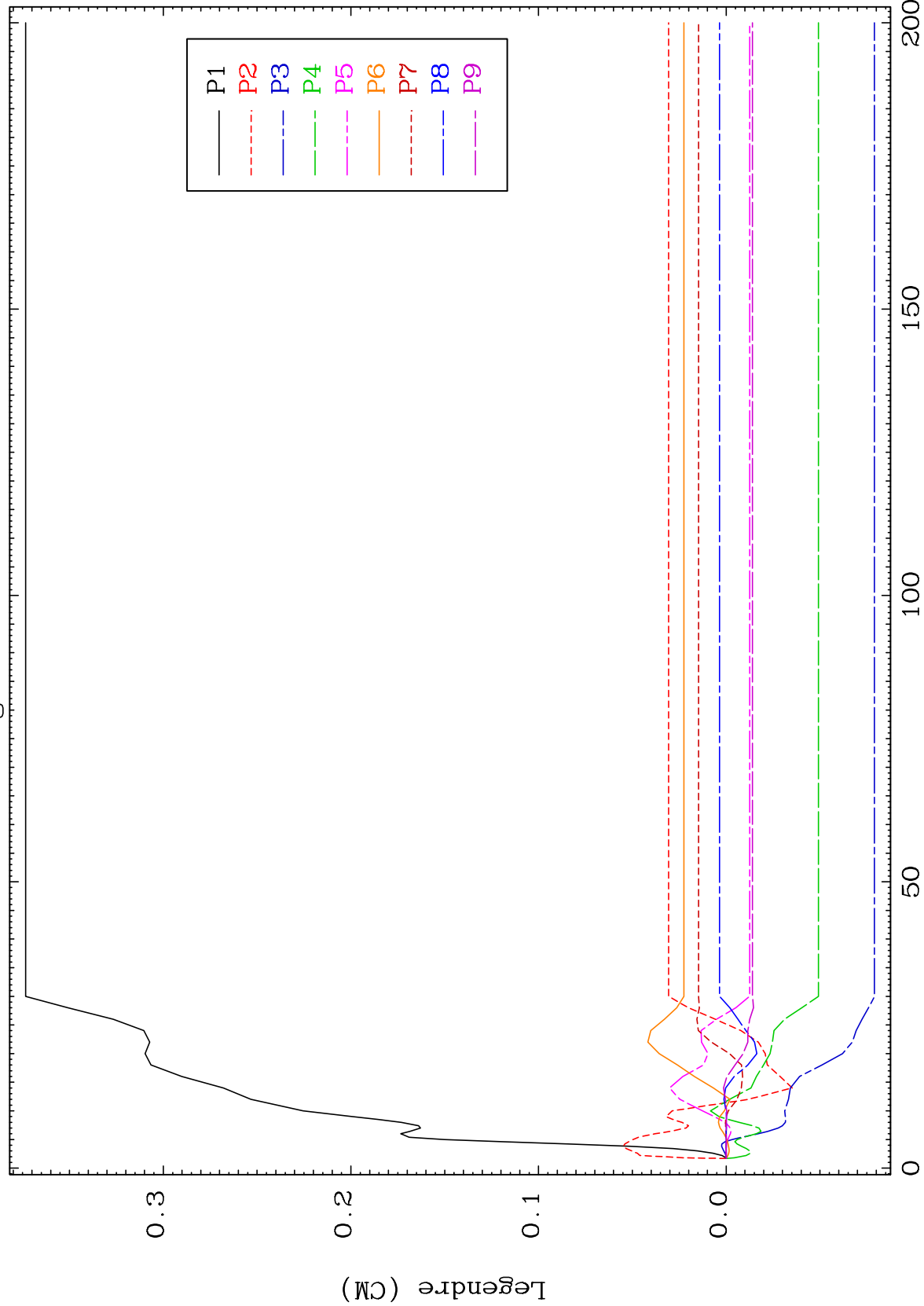
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



119

Incident Energy (MeV)

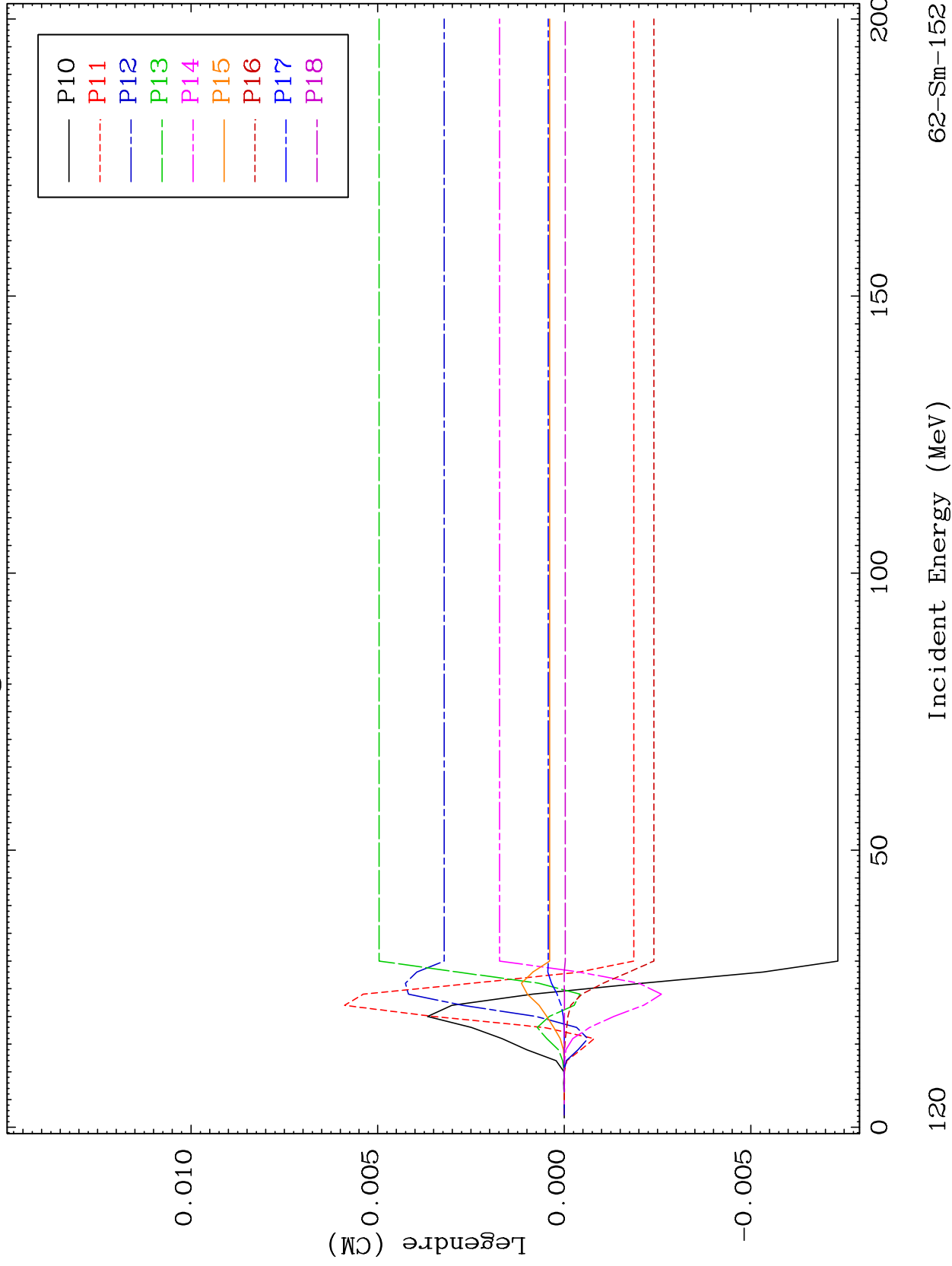
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

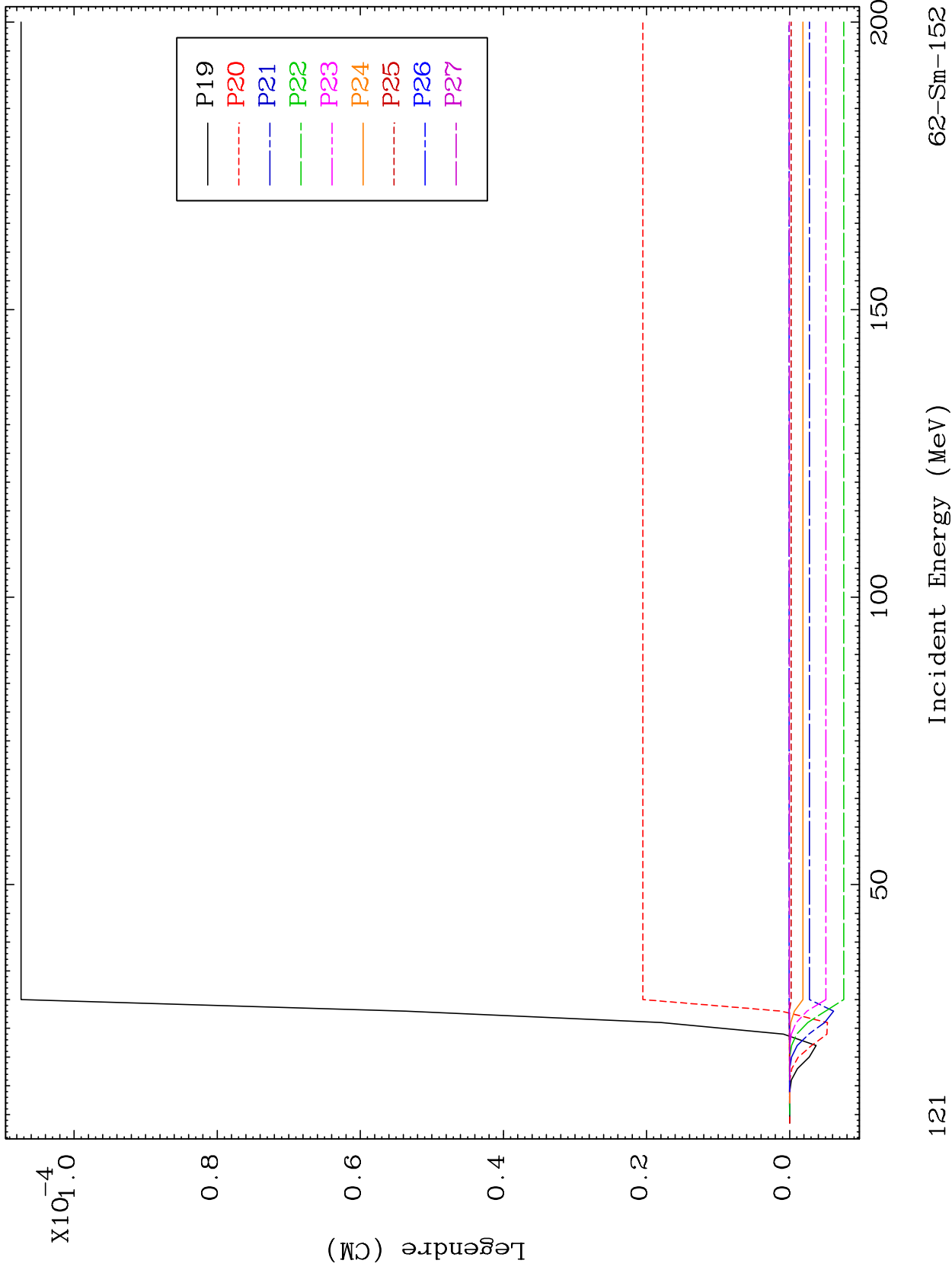
Incident Energy (MeV)

120

MAT 6249

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

62-Sm-152



121

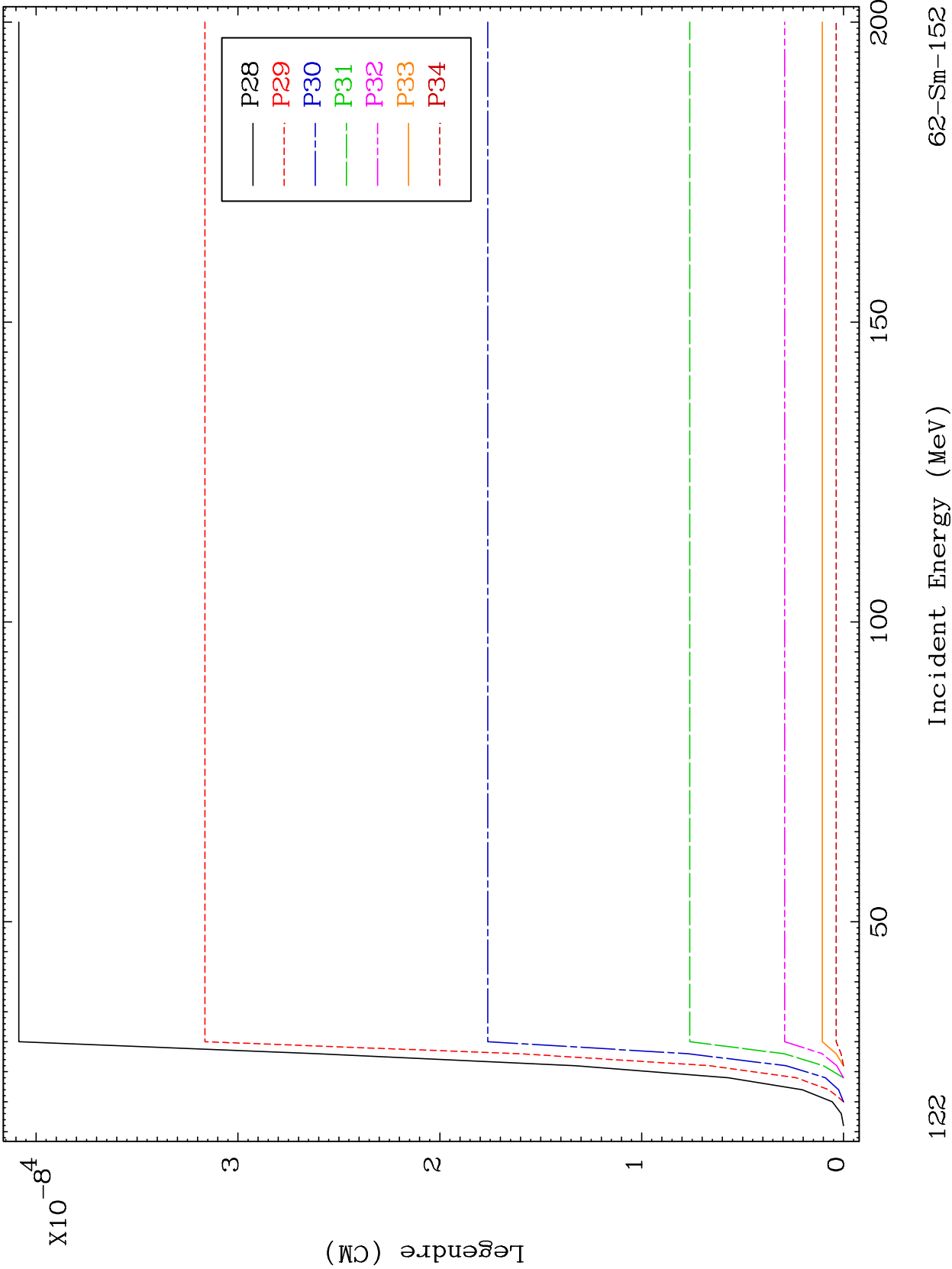
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



122

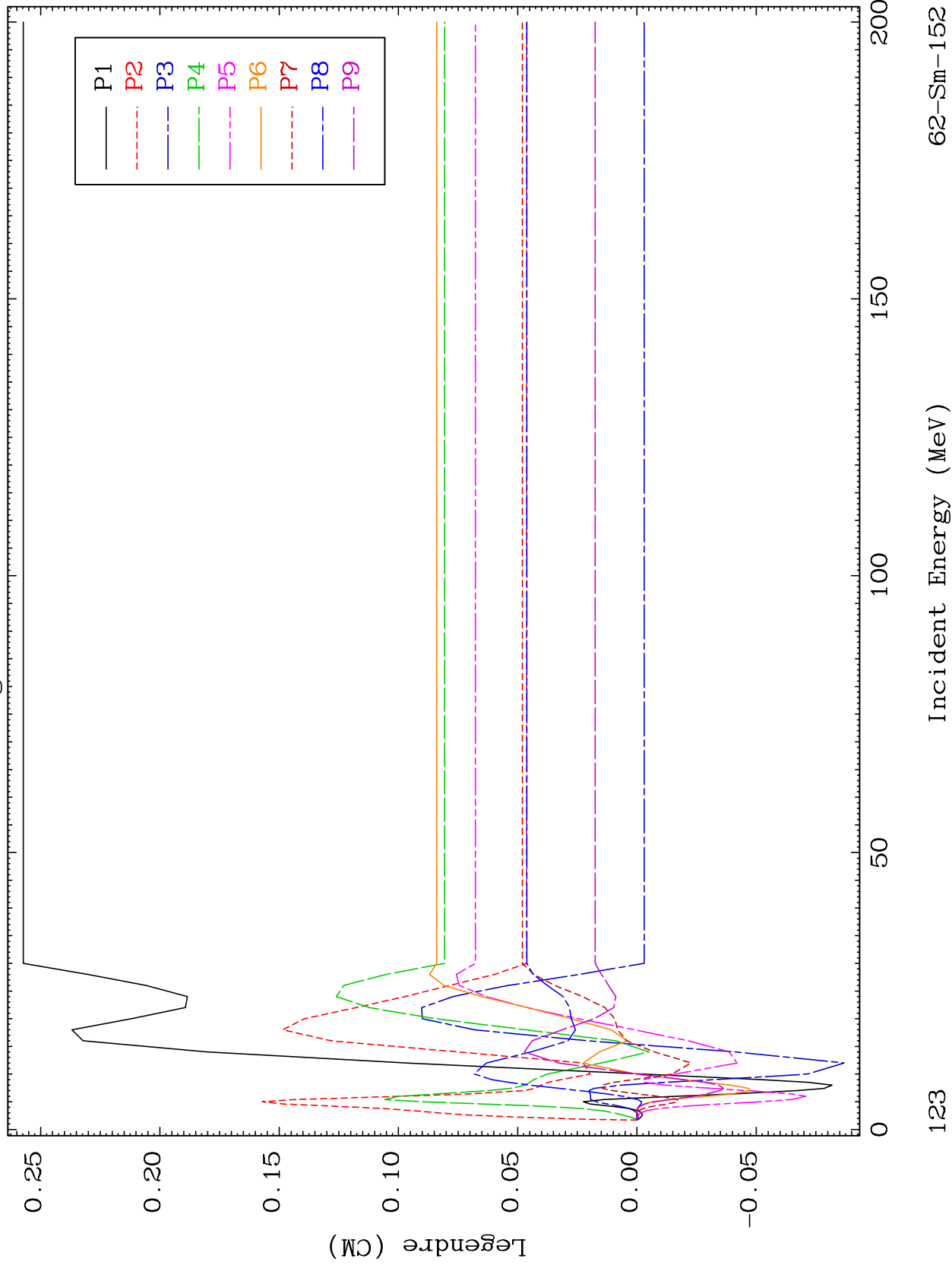
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

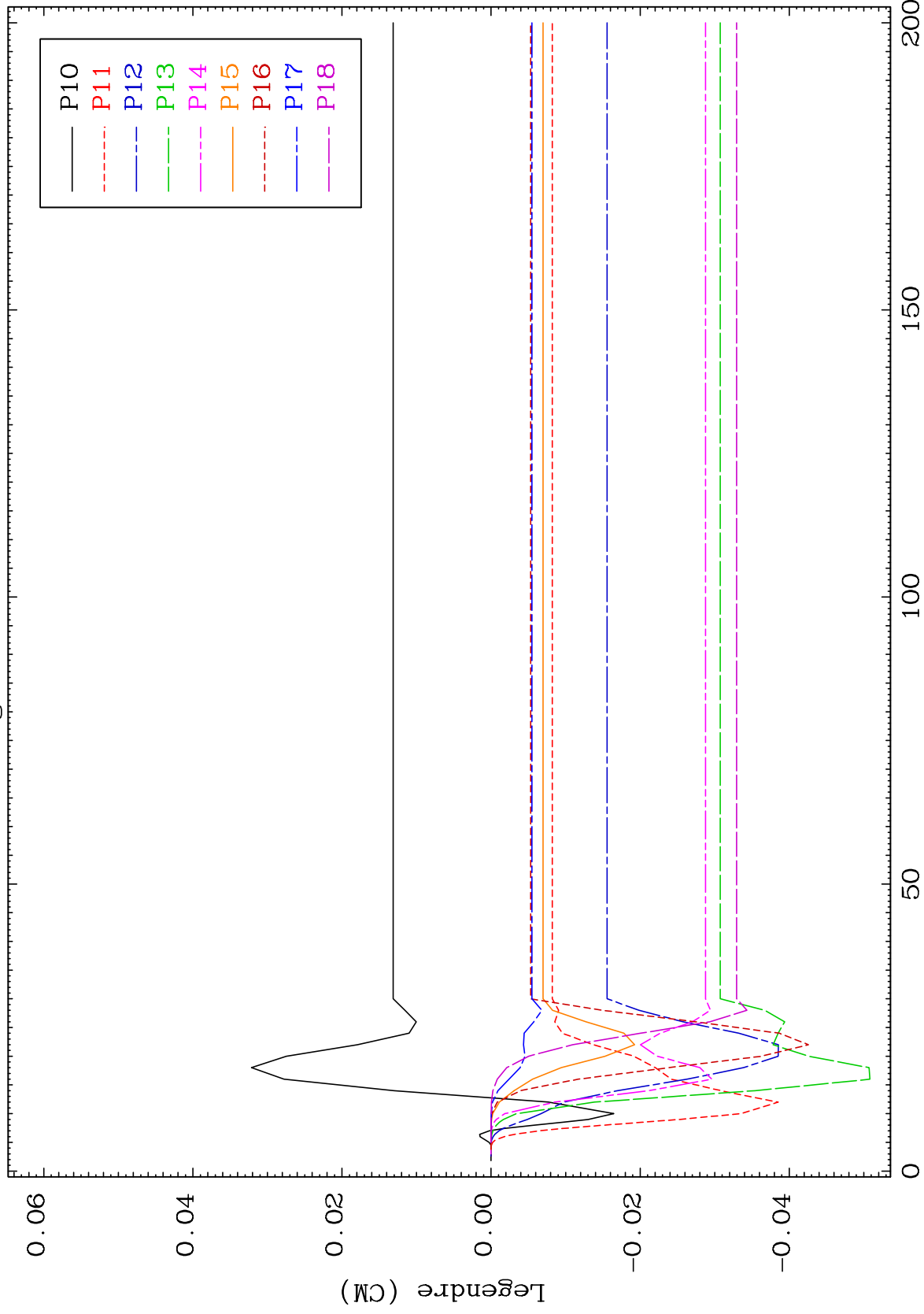
Incident Energy (MeV)

123

MAT 6249

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

62-Sm-152



124

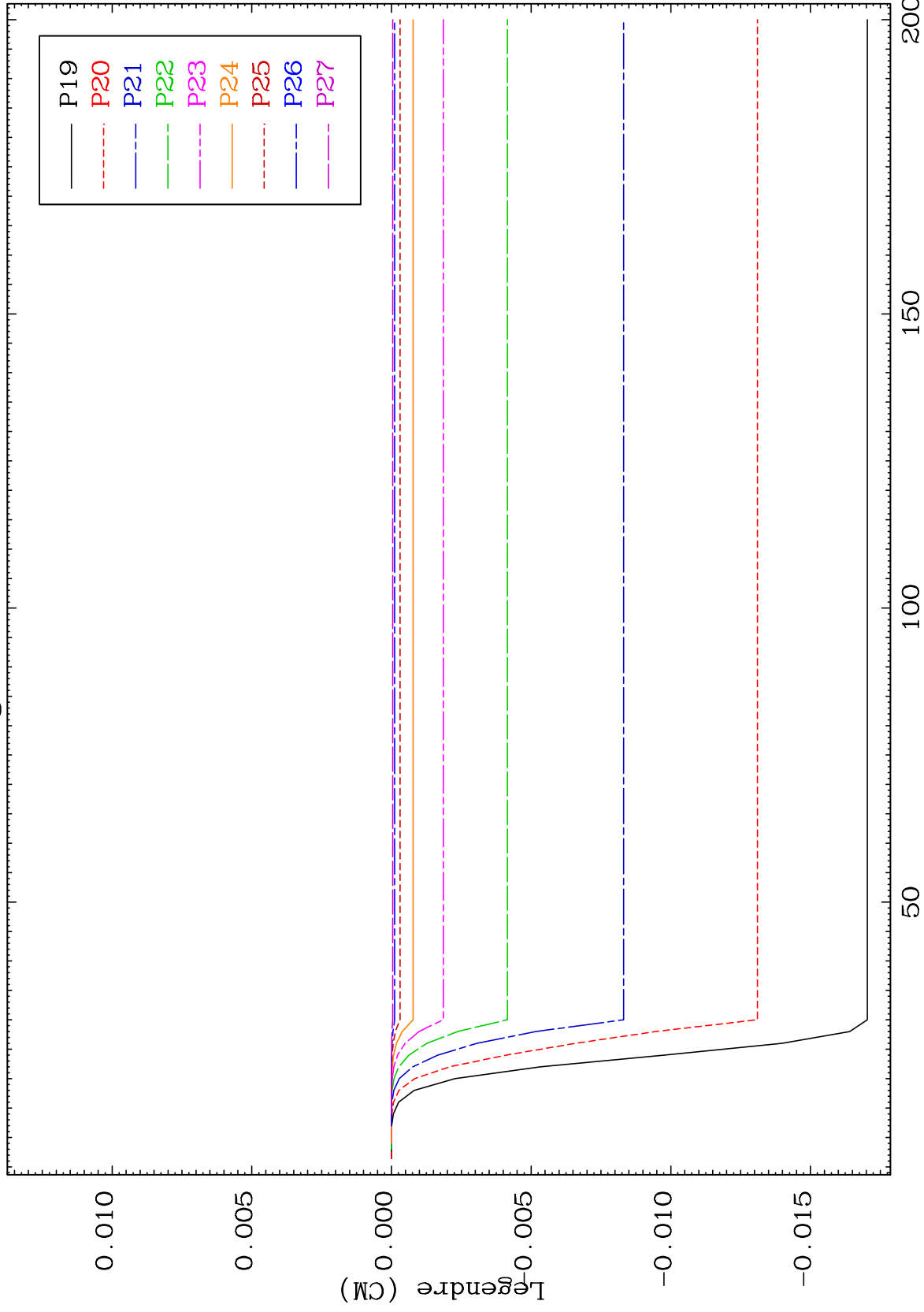
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



125

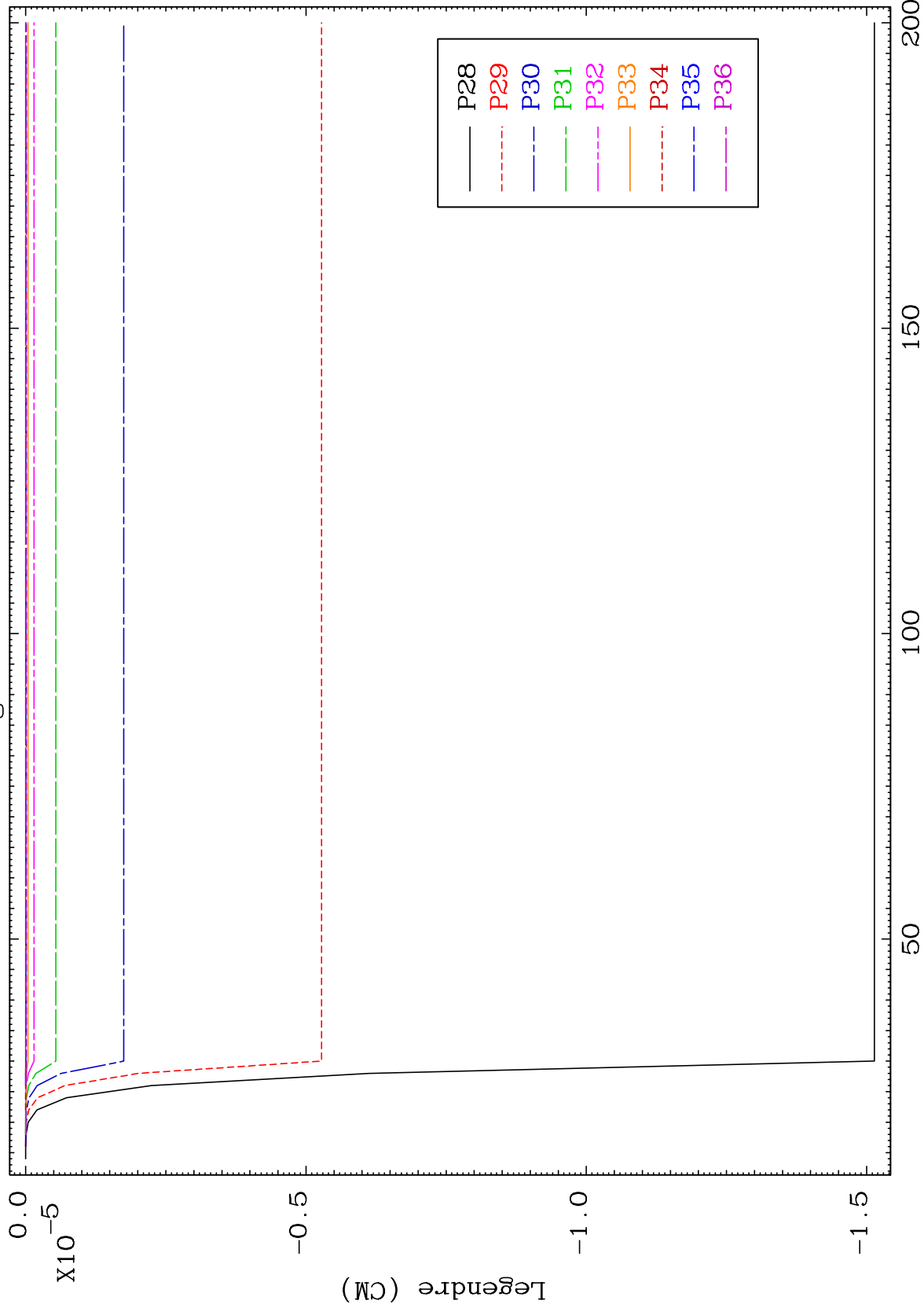
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

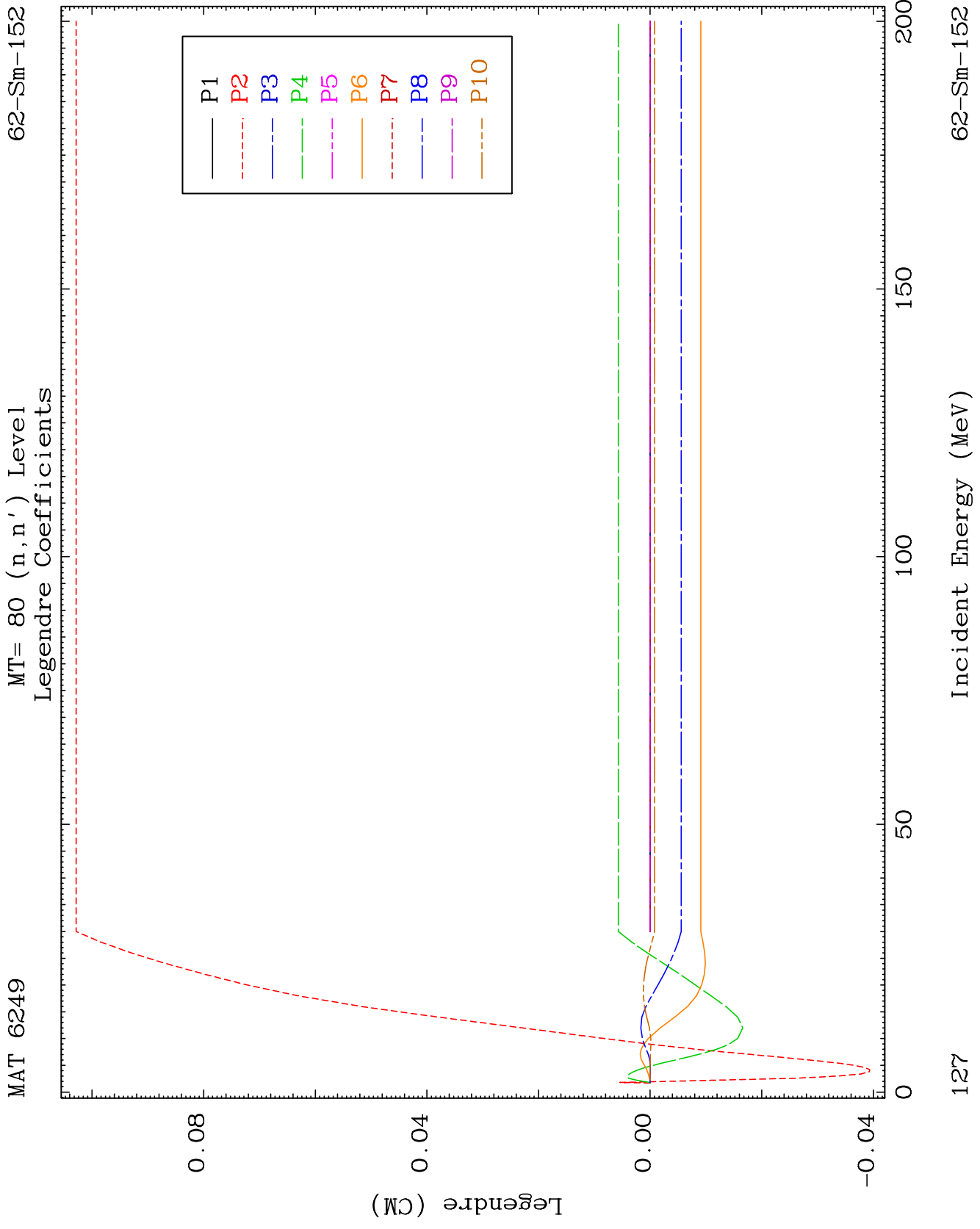
62-Sm-152



126

Incident Energy (MeV)

62-Sm-152

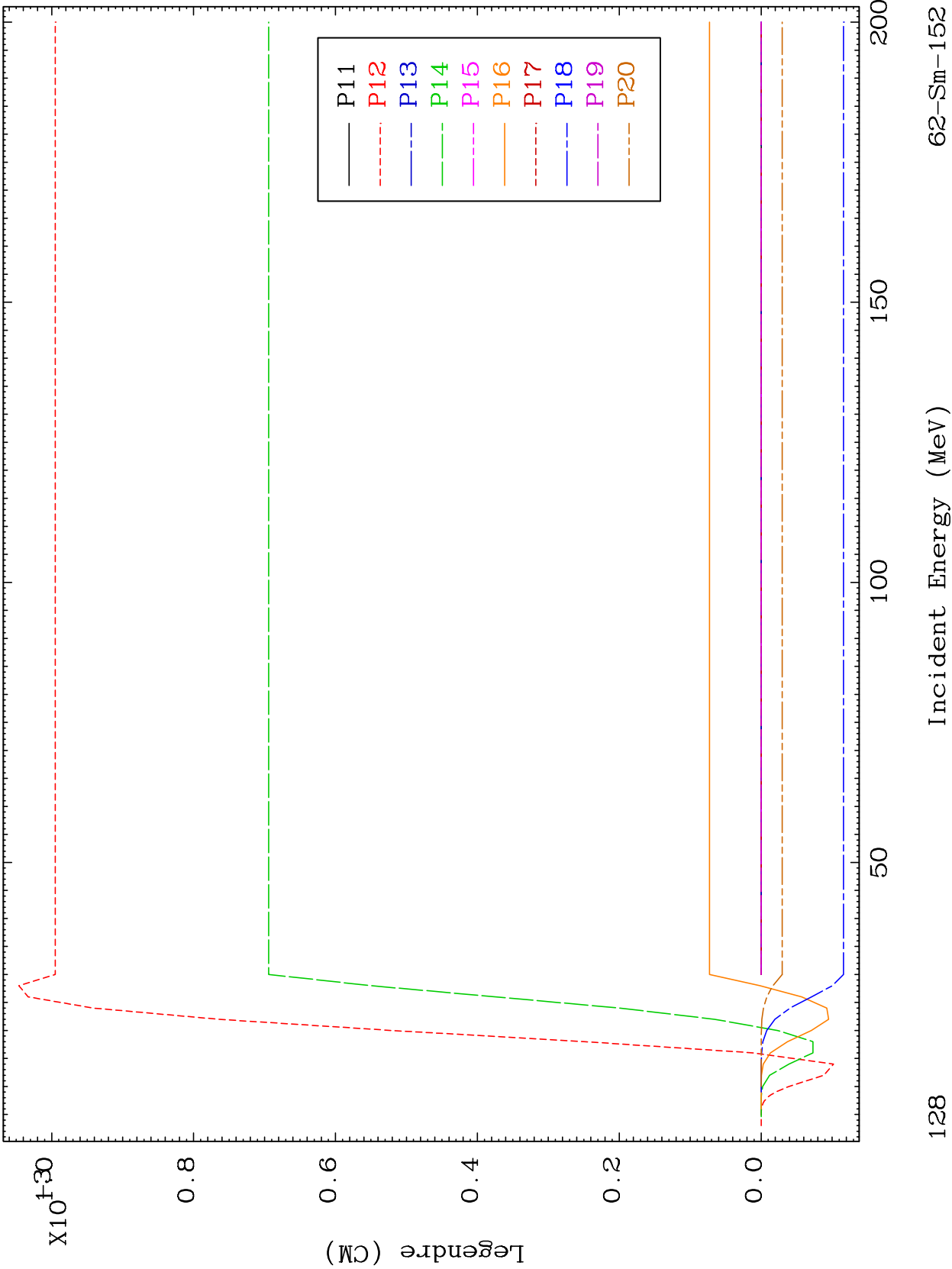


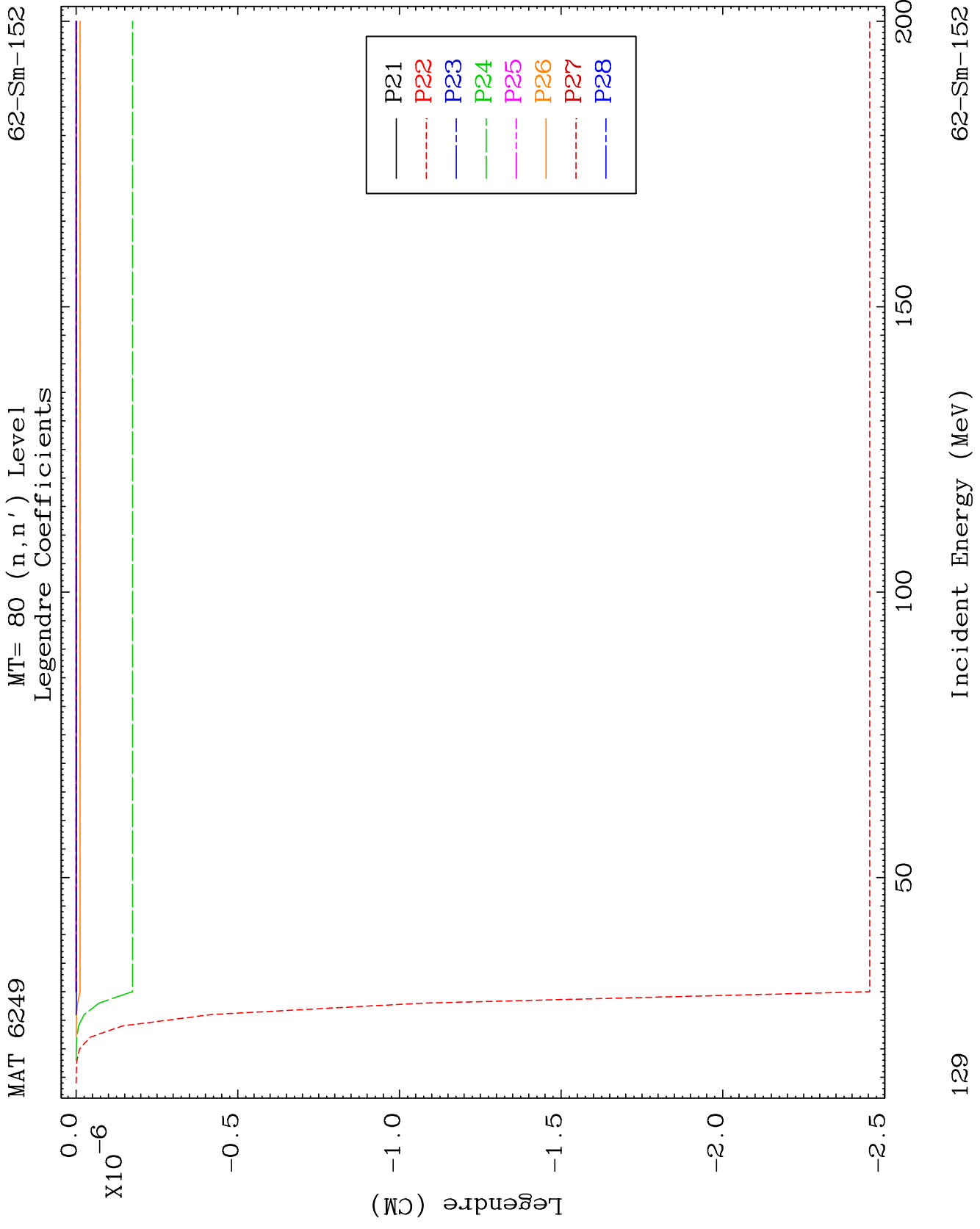
62-Sm-152

Incident Energy (MeV)

127



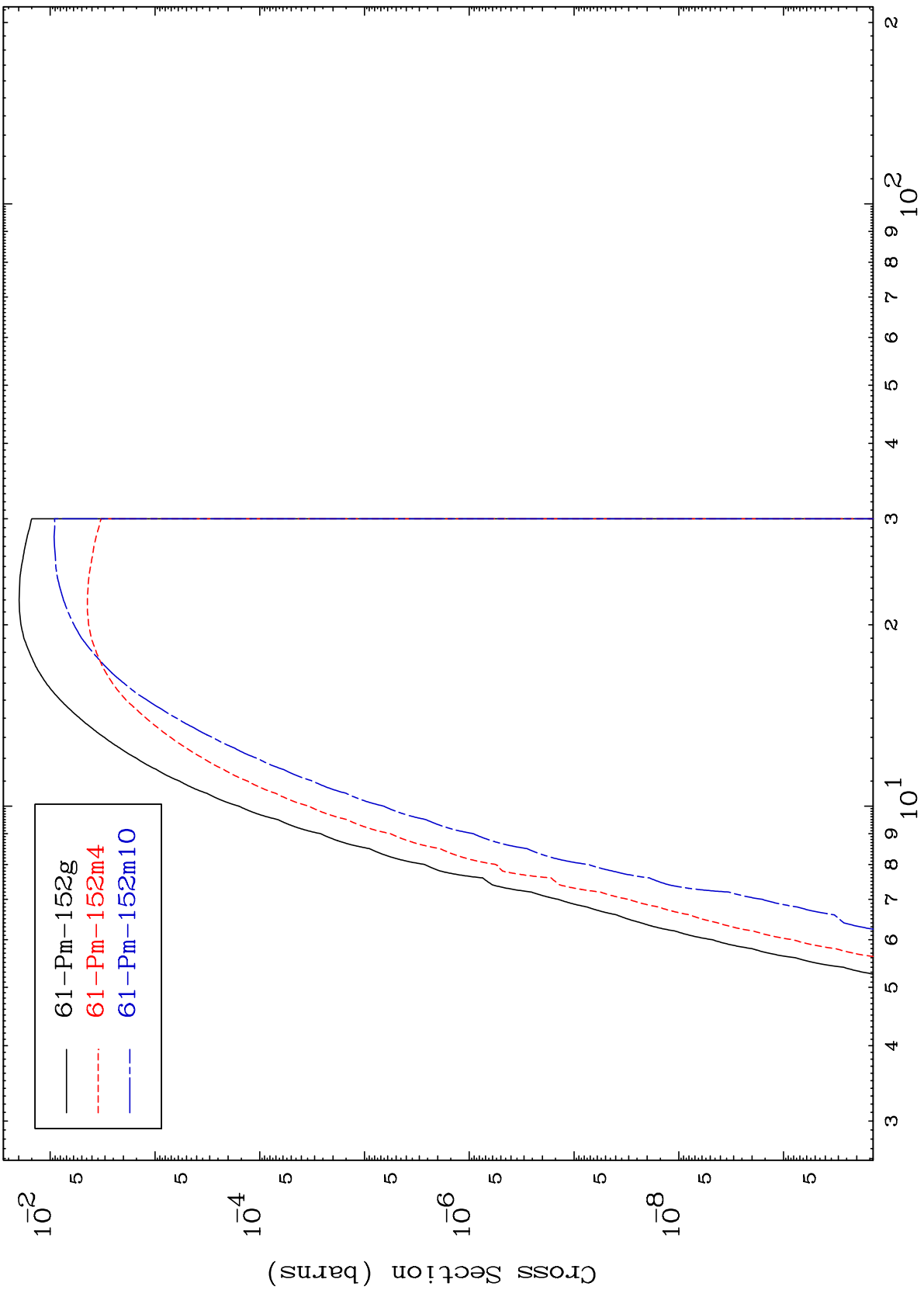




MAT 6249

62-Sm-152

(n,p)  
Radionuclide Production Cross Section



130

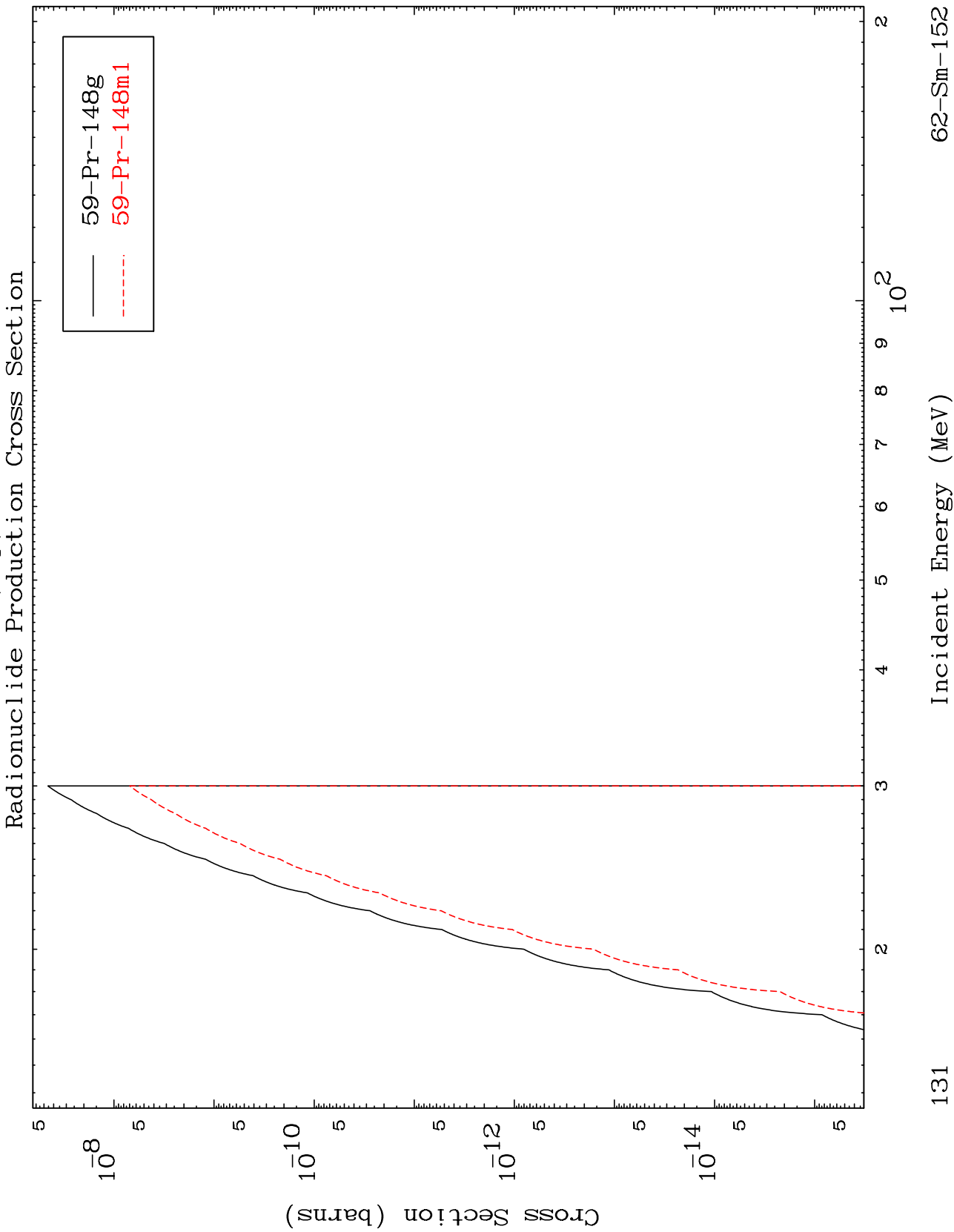
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,p)  $\alpha$

62-Sm-152



131

Incident Energy (MeV)

62-Sm-152