

Program EVALPLOT
(Version 2017-1)

by

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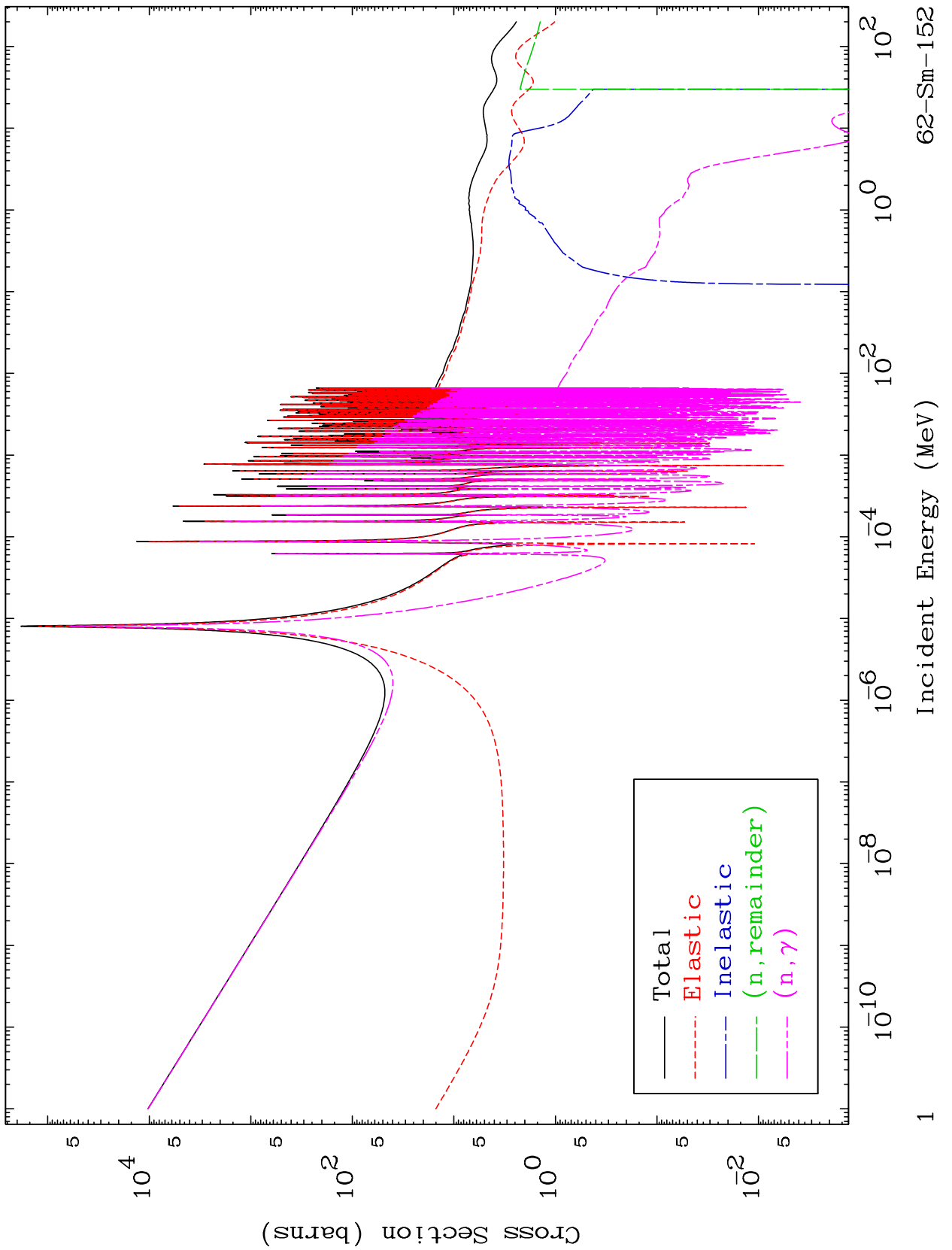
Press Mouse Button to Start

MAT 6249

Major

293 Kelvin Cross Sections

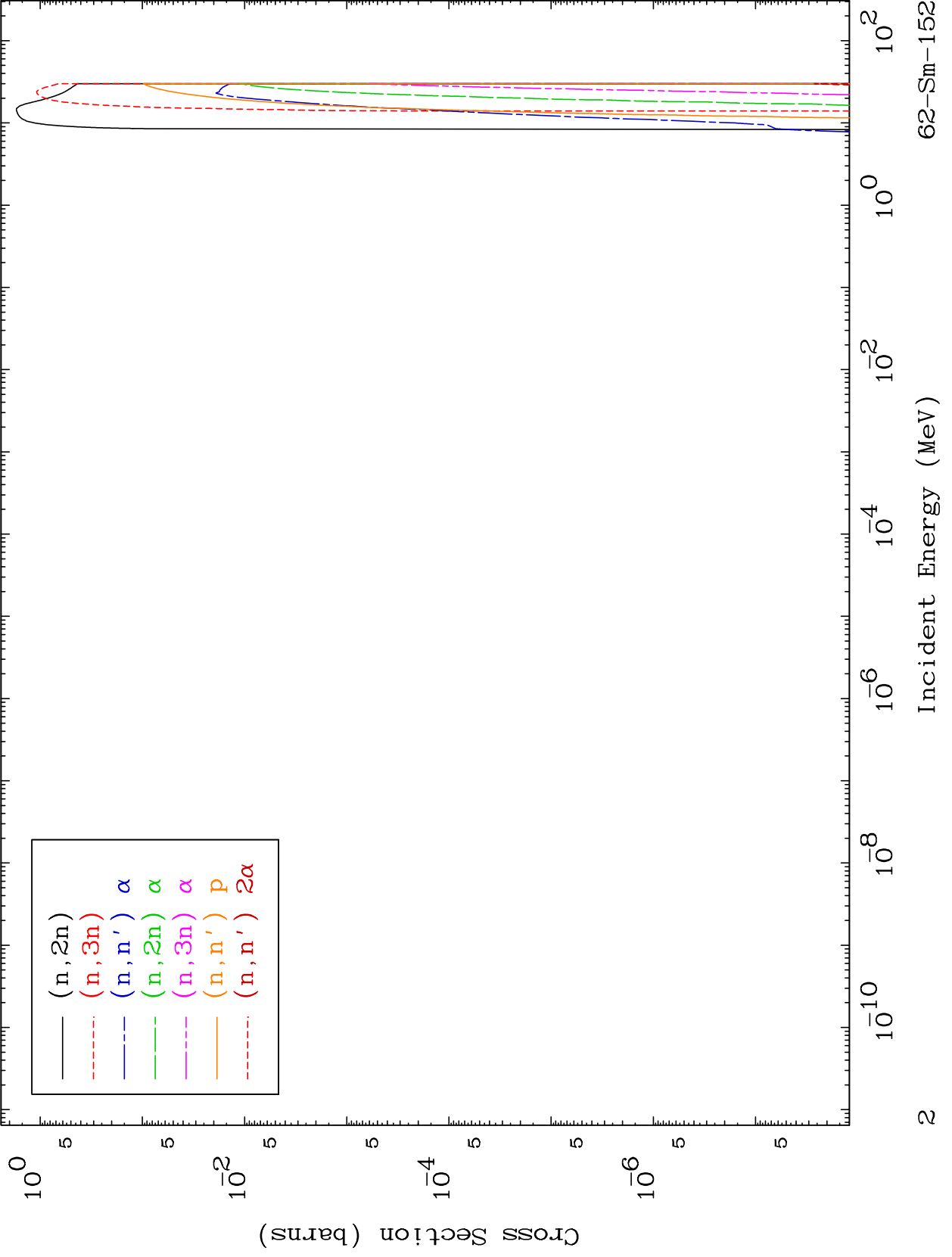
62-Sm-152

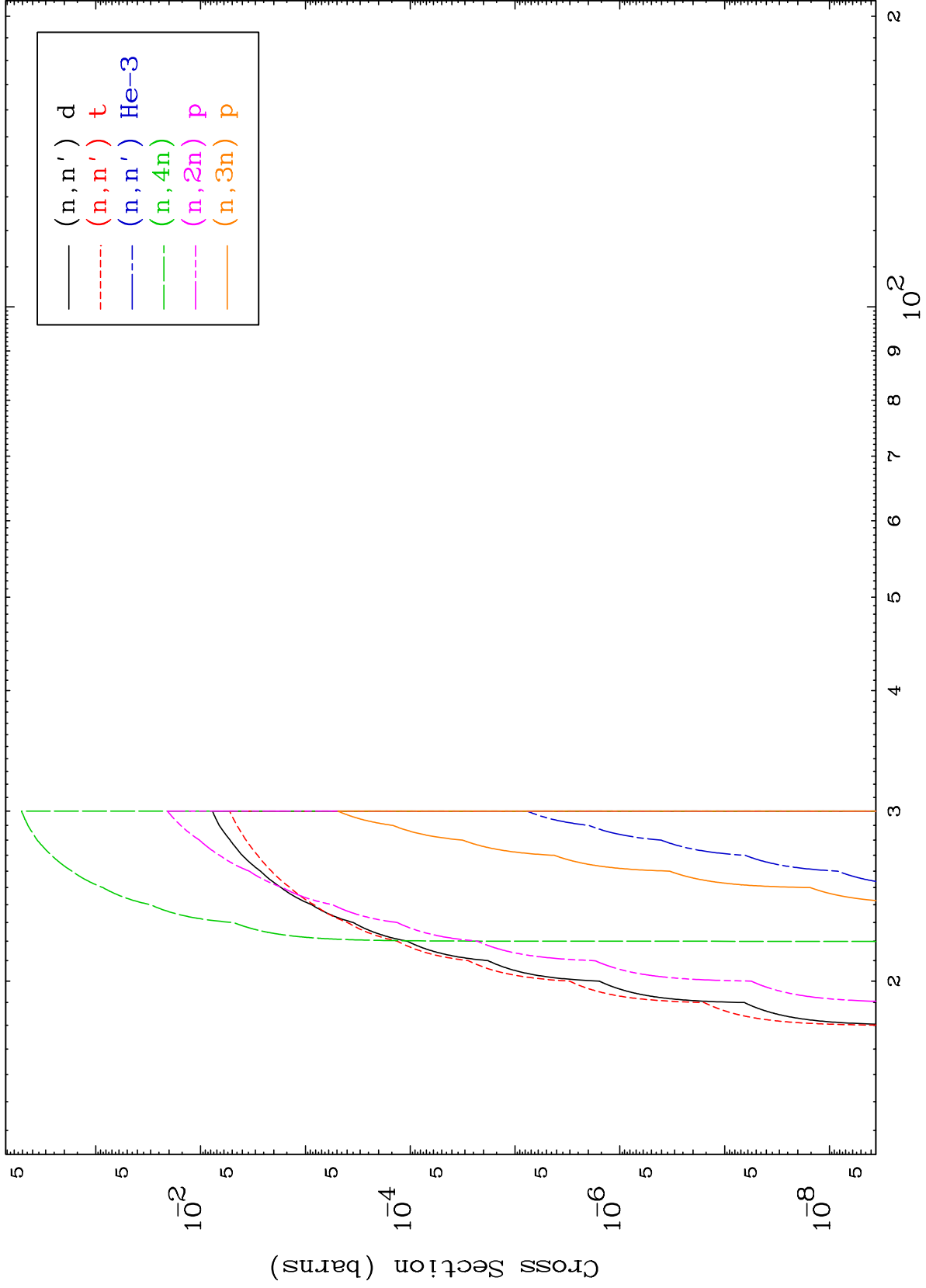


MAT 6249

Neutron Production
293 Kelvin Cross Sections

62-Sm-152

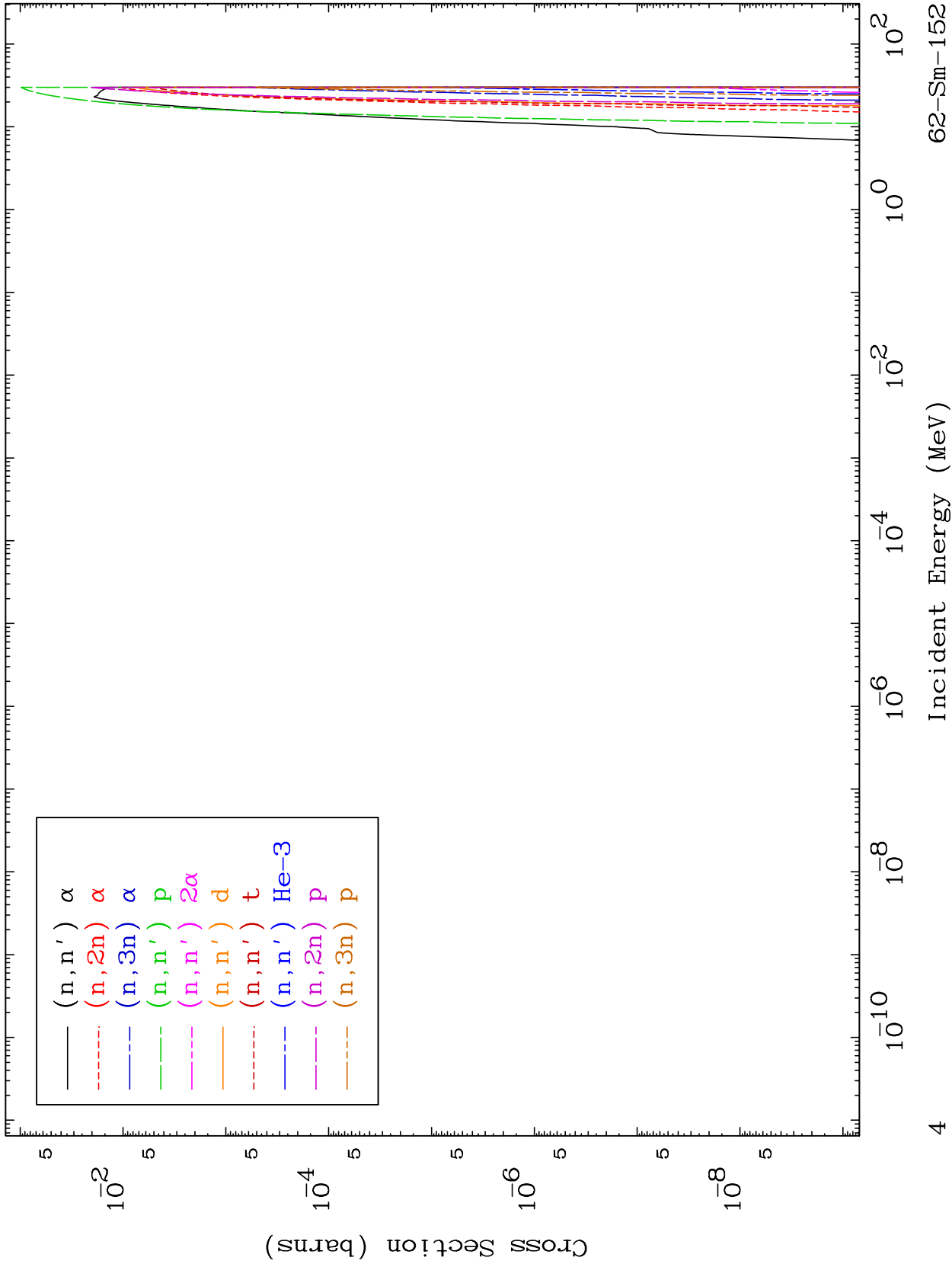




MAT 6249

Charged Particle
293 Kelvin Cross Sections

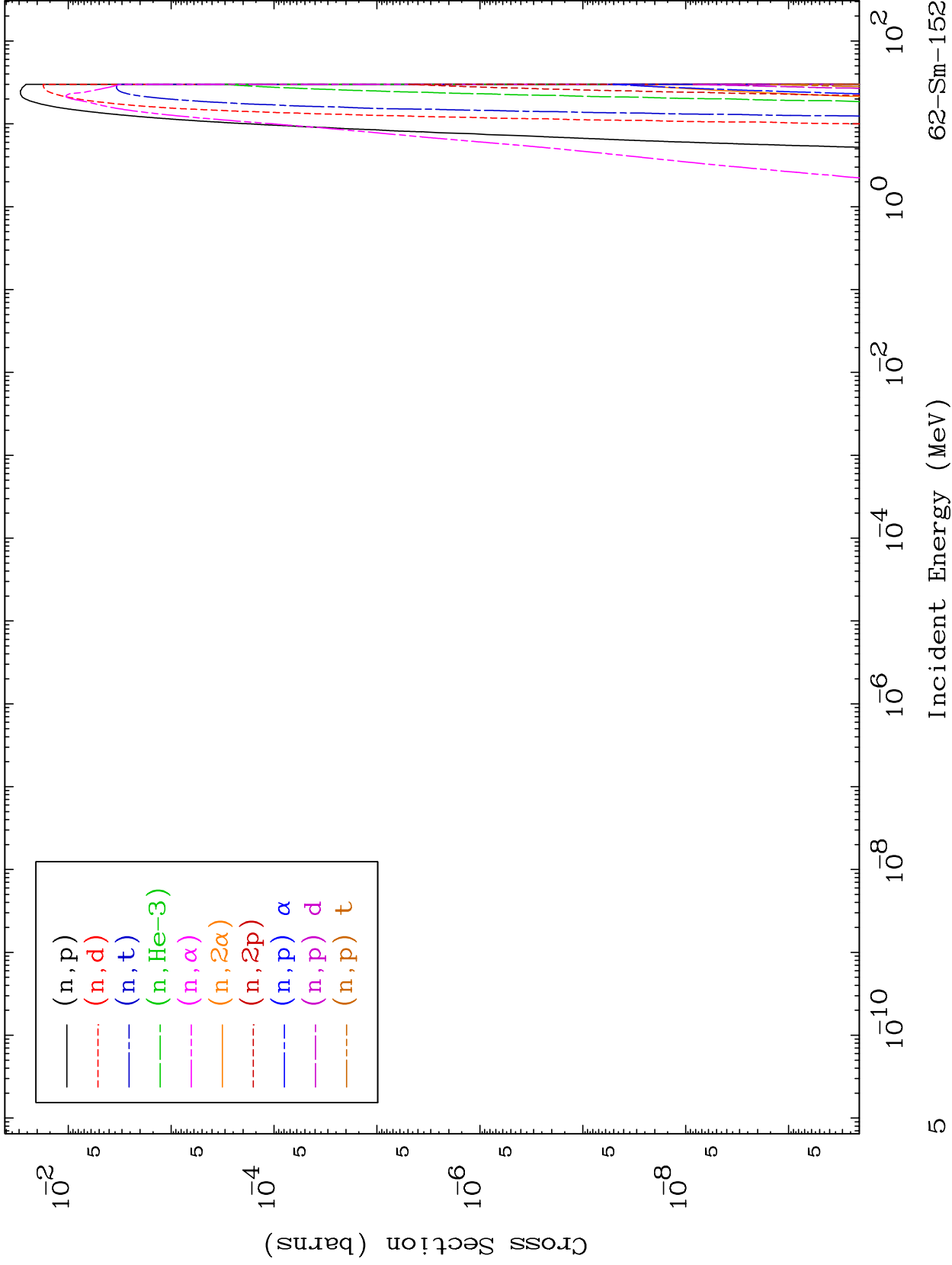
62-Sm-152



MAT 6249

Charged Particle
293 Kelvin Cross Sections

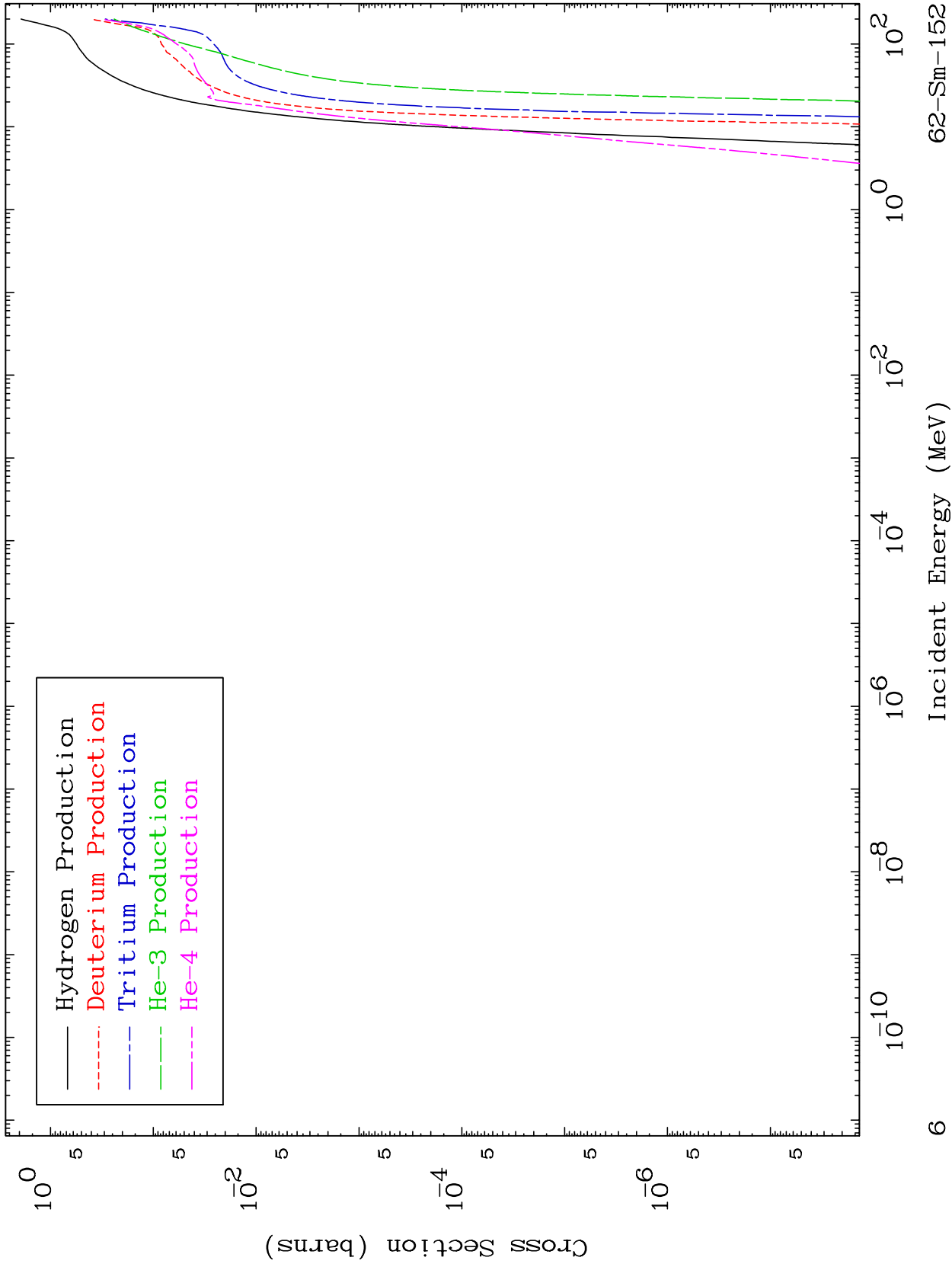
62-Sm-152



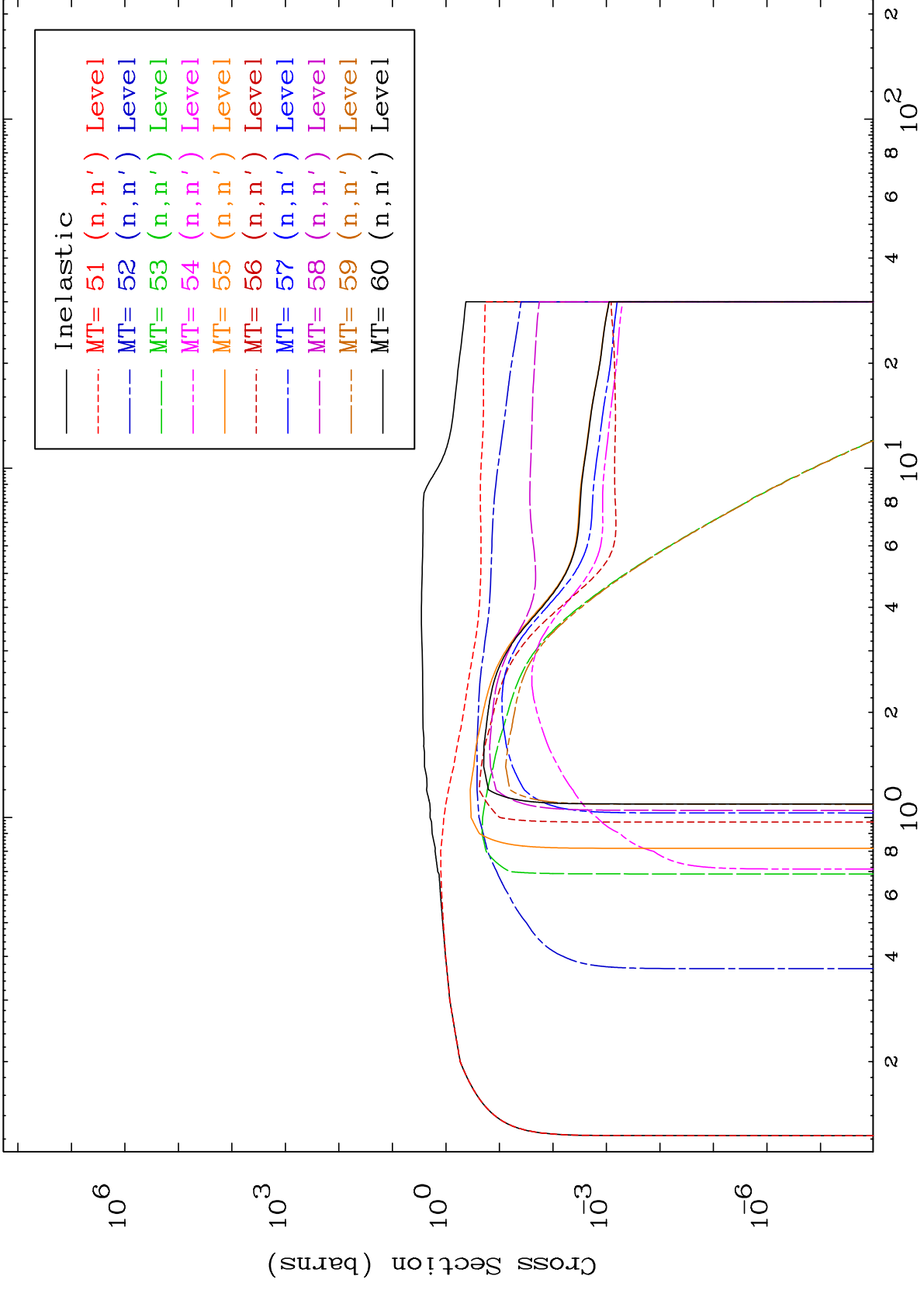
MAT 6249

Particle Production
293 Kelvin Cross Sections

62-Sm-152



293 Kelvin Cross Sections

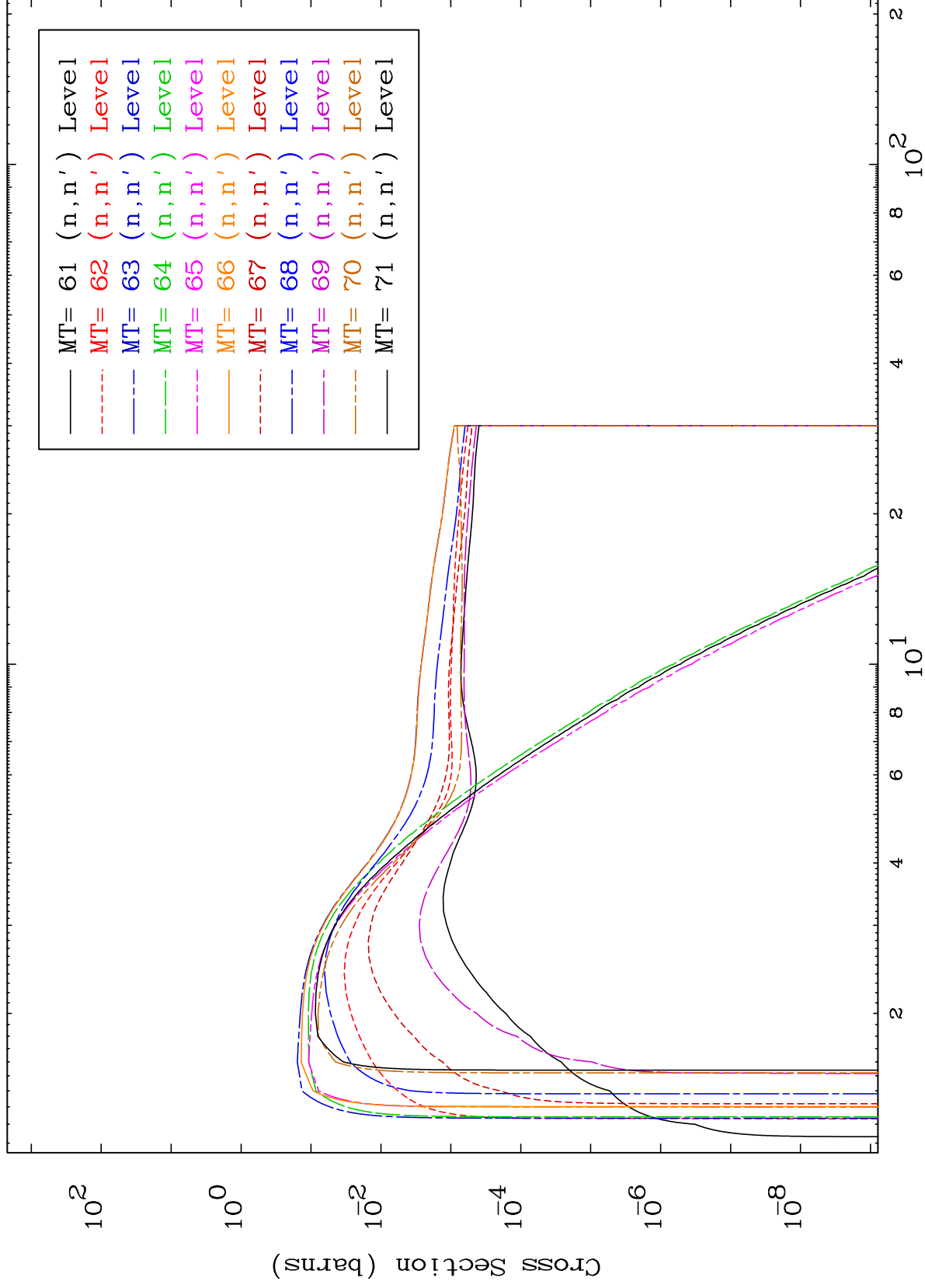


MAT 6249

(n,n') Level

62-Sm-152

293 Kelvin Cross Sections



8

Incident Energy (MeV)

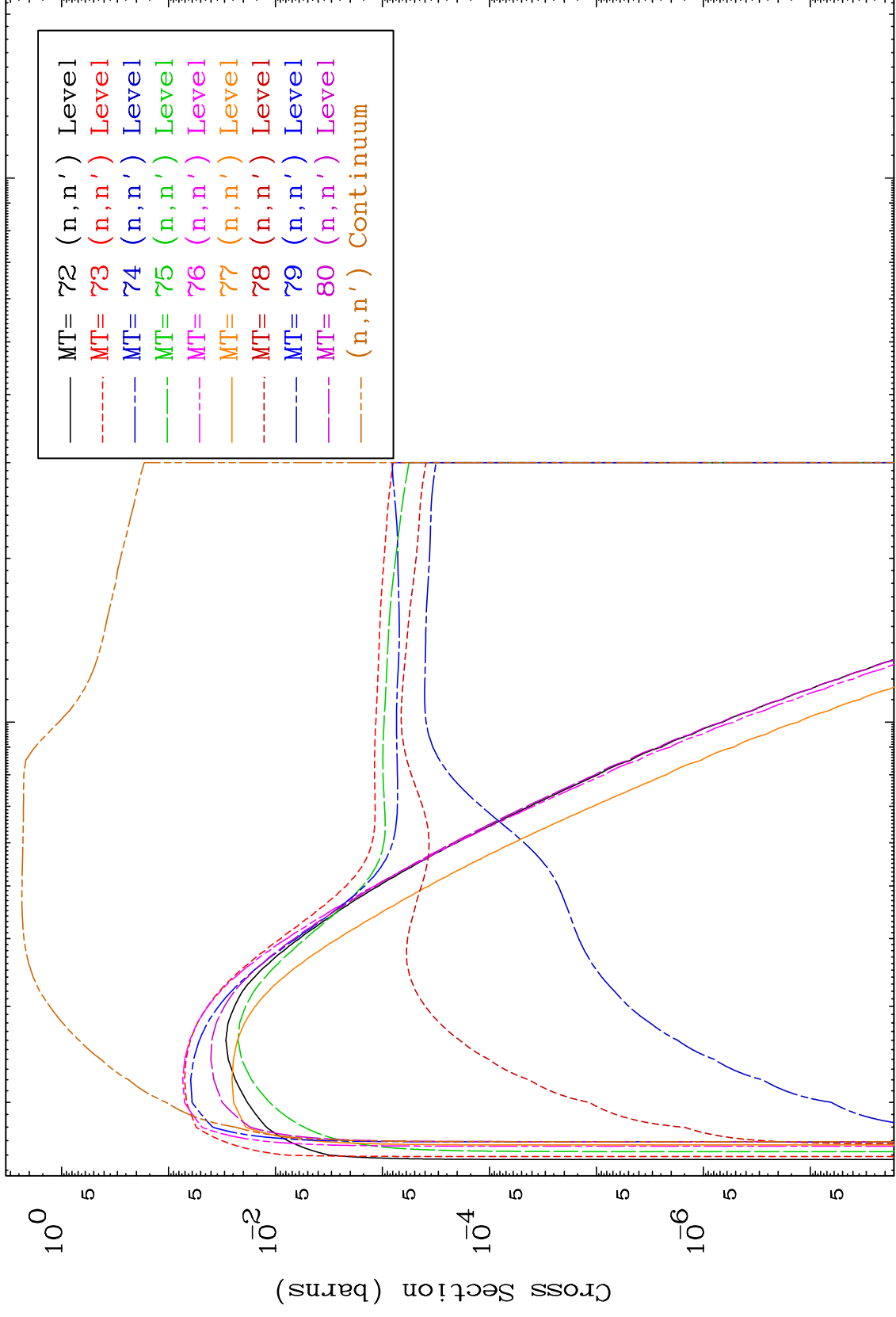
62-Sm-152

MAT 6249

(n,n') Level

62-Sm-152

293 Kelvin Cross Sections



9

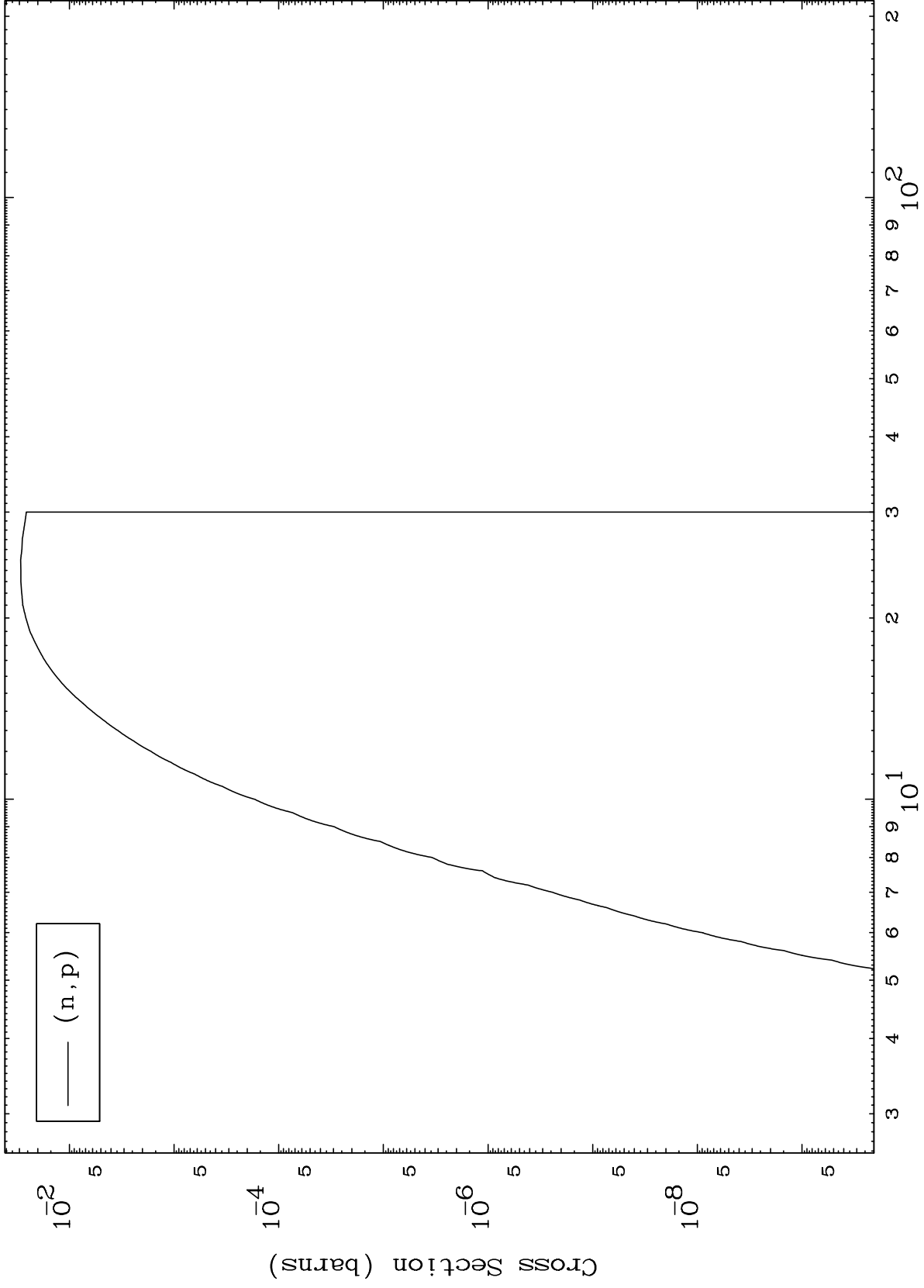
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-152



10

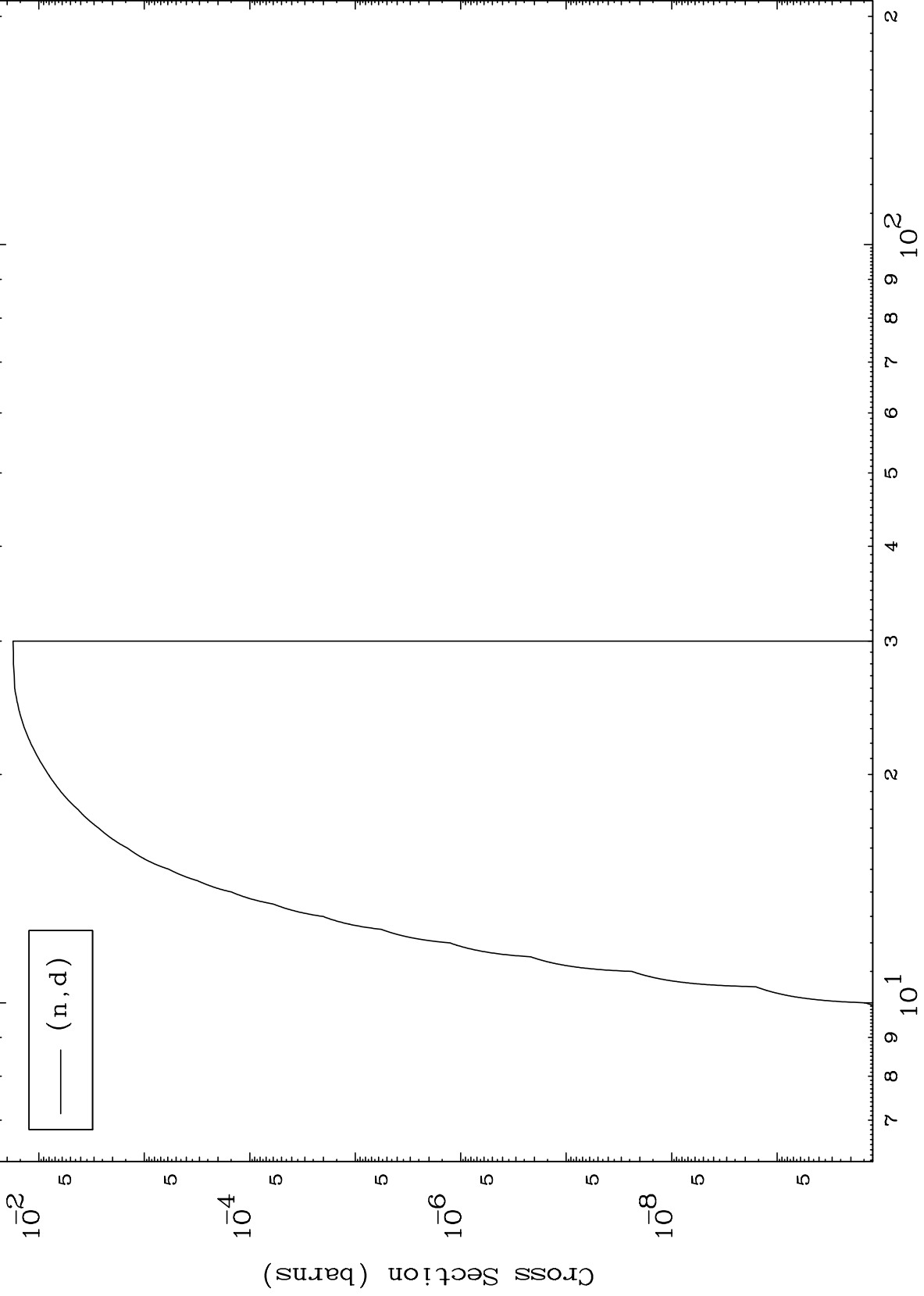
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,d) Levels
293 Kelvin Cross Sections

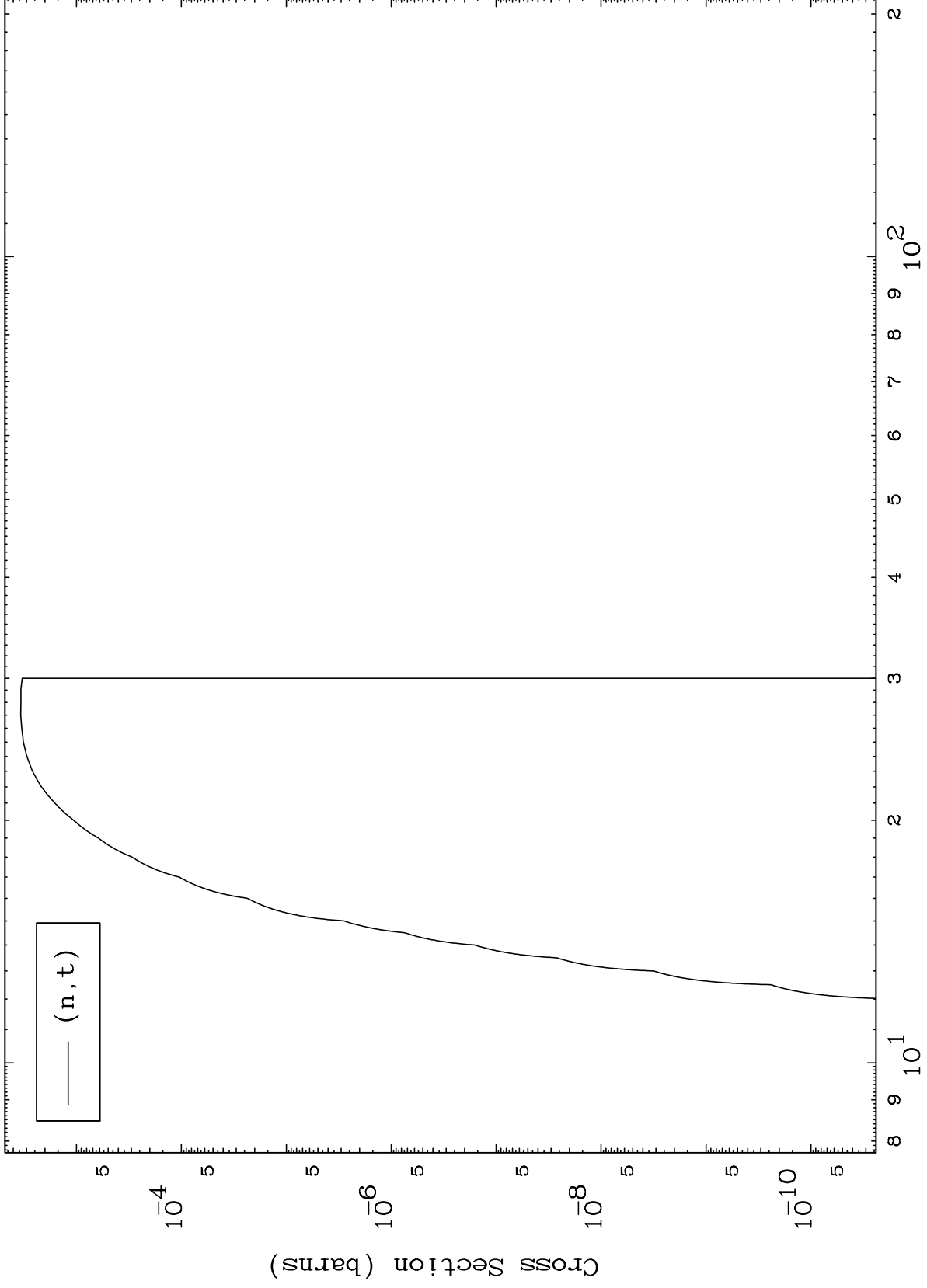
62-Sm-152



MAT 6249

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-152



12

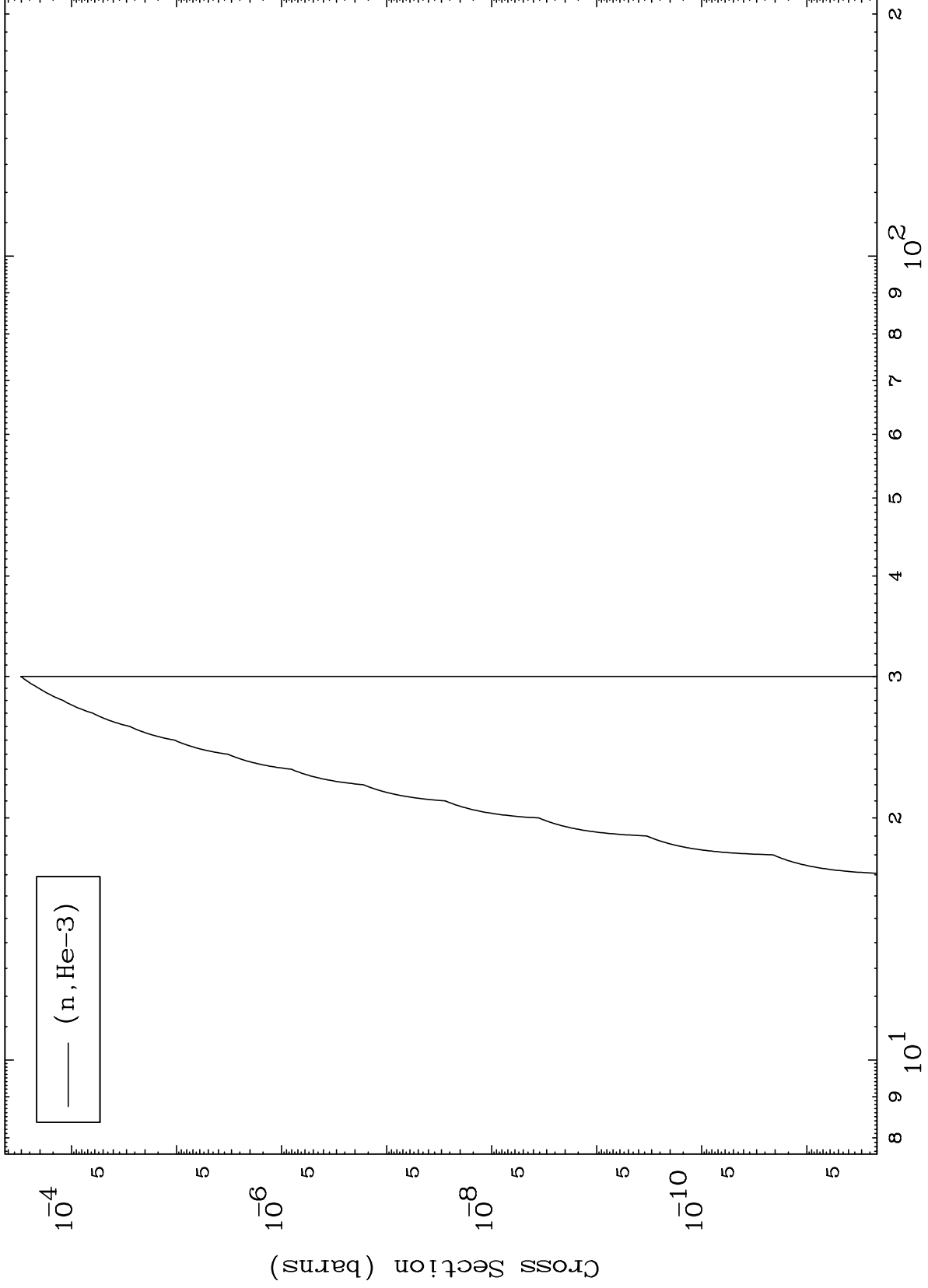
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-152



13

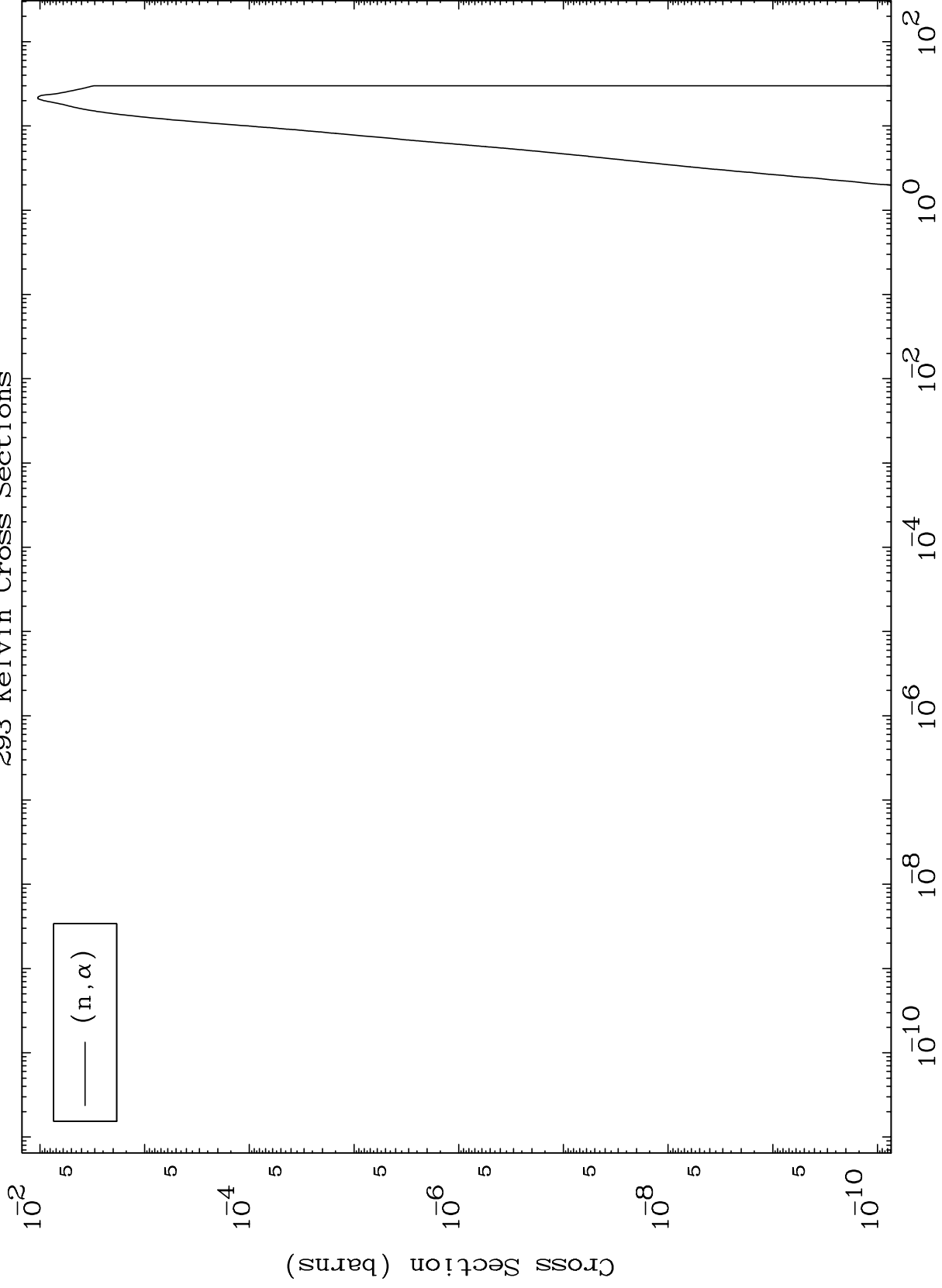
Incident Energy (MeV)

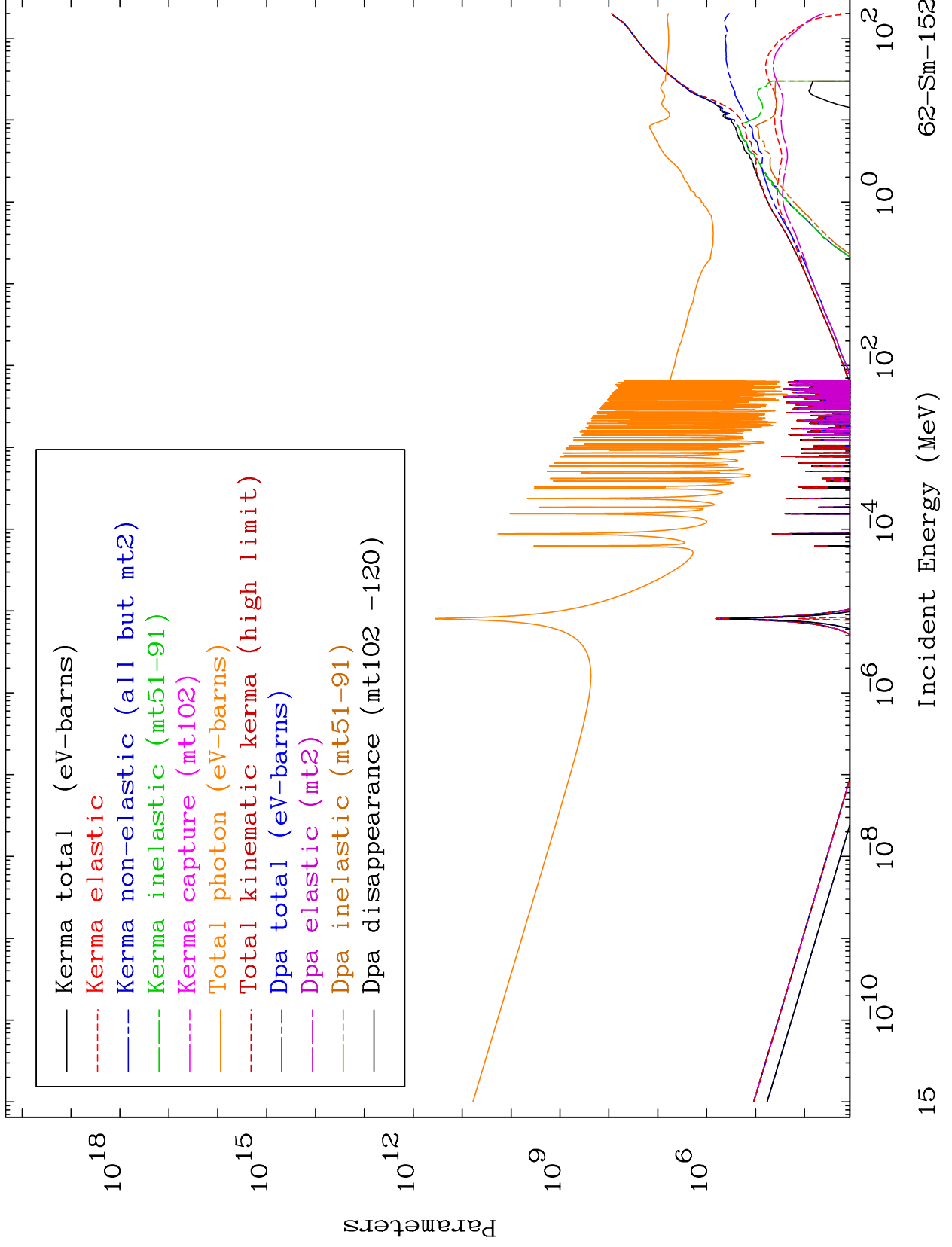
62-Sm-152

MAT 6249

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-152

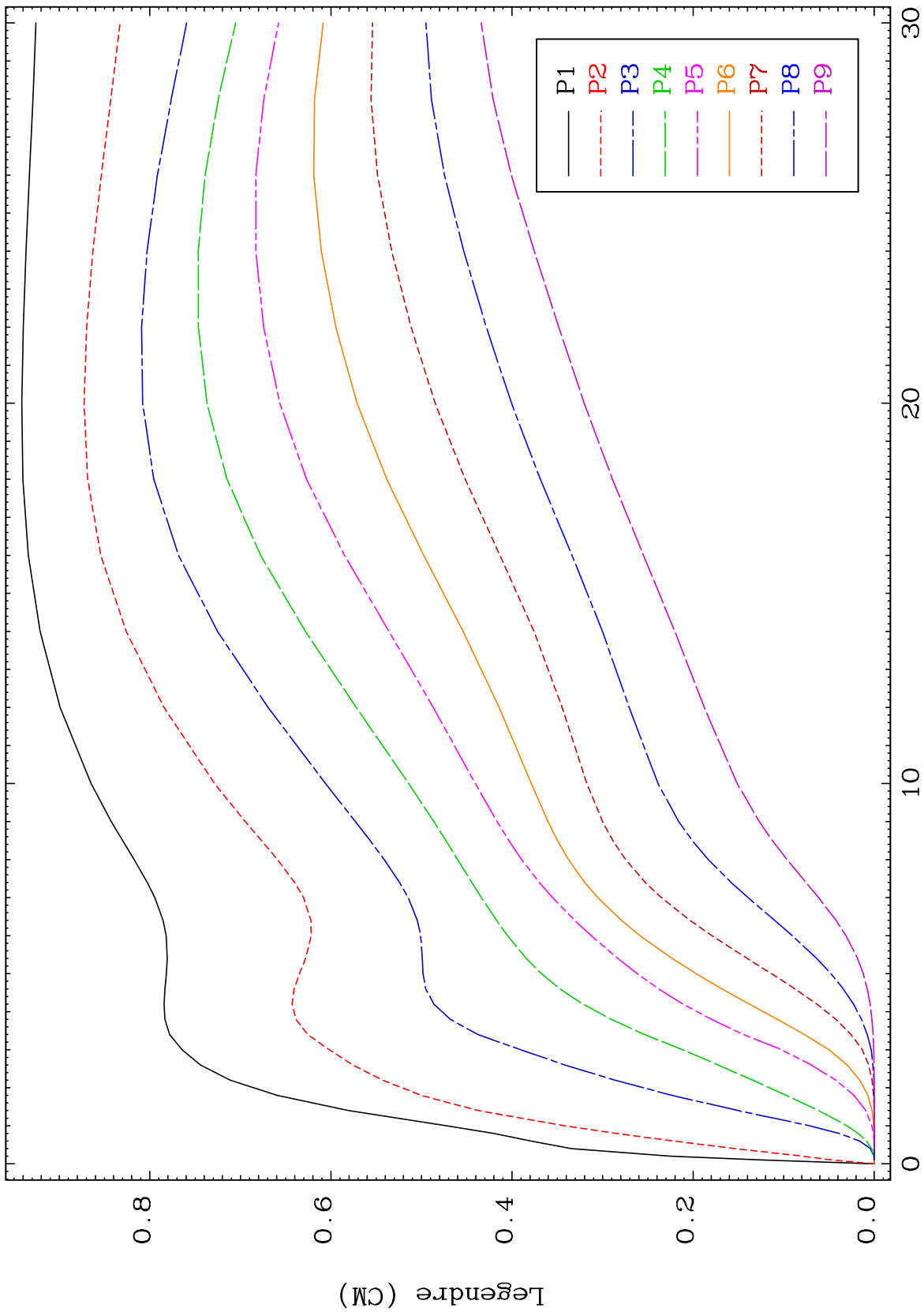




MAT 6249

62-Sm-152

Elastic Legendre Coefficients



16

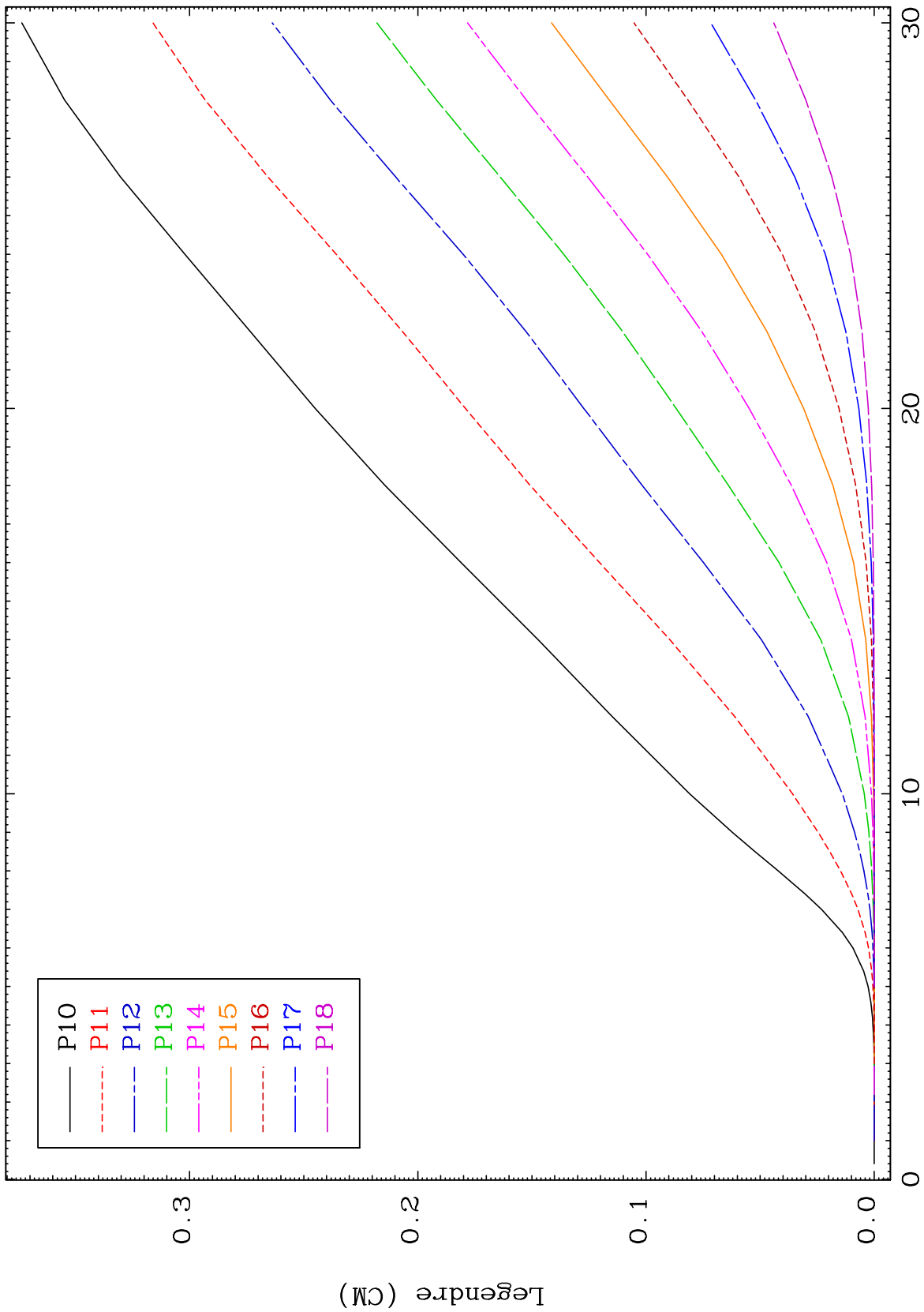
Incident Energy (MeV)

62-Sm-152

MAT 6249

Elastic Legendre Coefficients

62-Sm-152



17

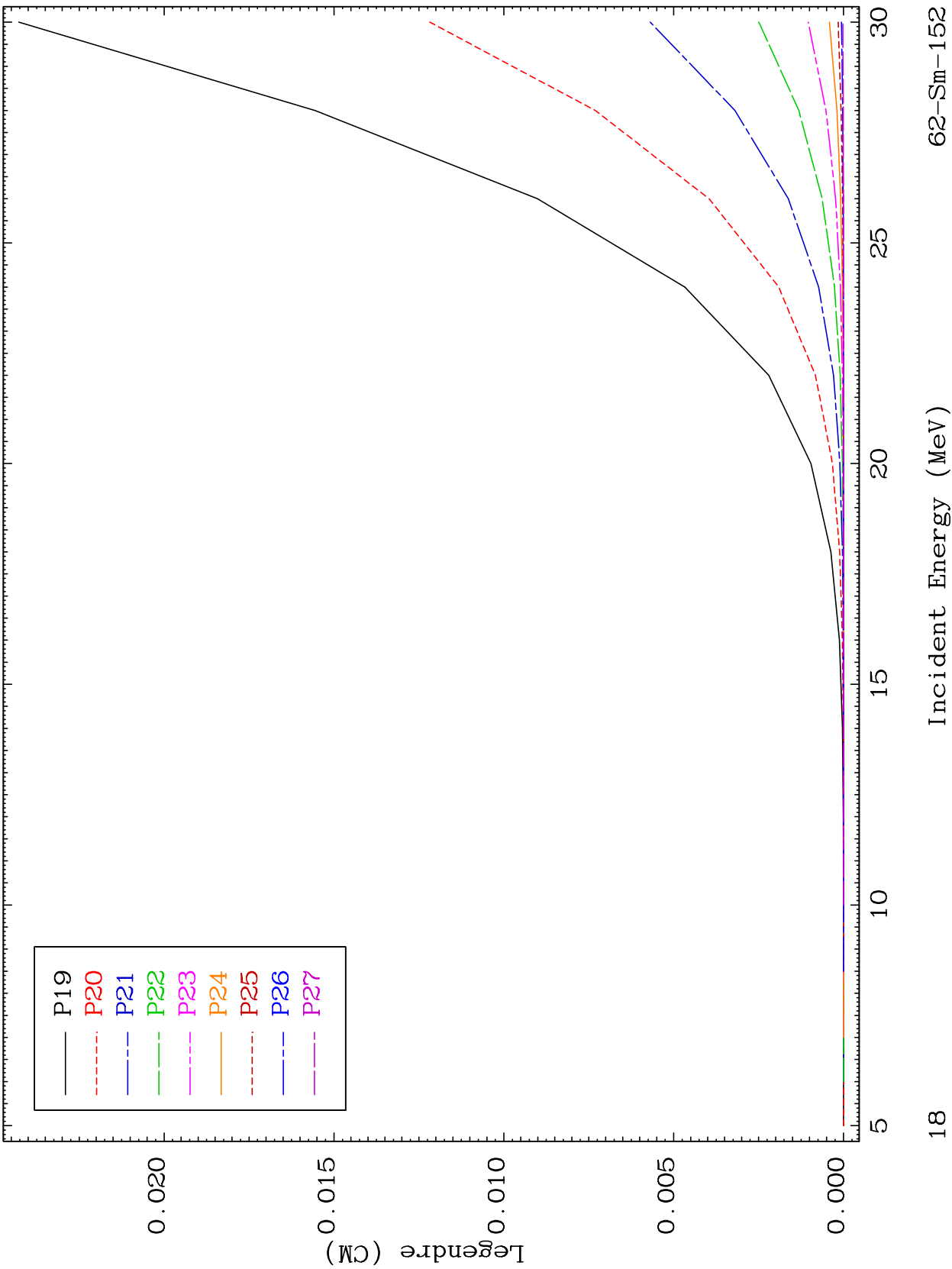
Incident Energy (MeV)

62-Sm-152

MAT 6249

Elastic Legendre Coefficients

62-Sm-152



18

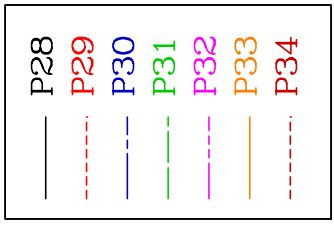
Incident Energy (MeV)

62-Sm-152

MAT 6249

Elastic Legendre Coefficients

62-Sm-152



$\times 10^{-6}$

Legendre (CM)

10

15

20

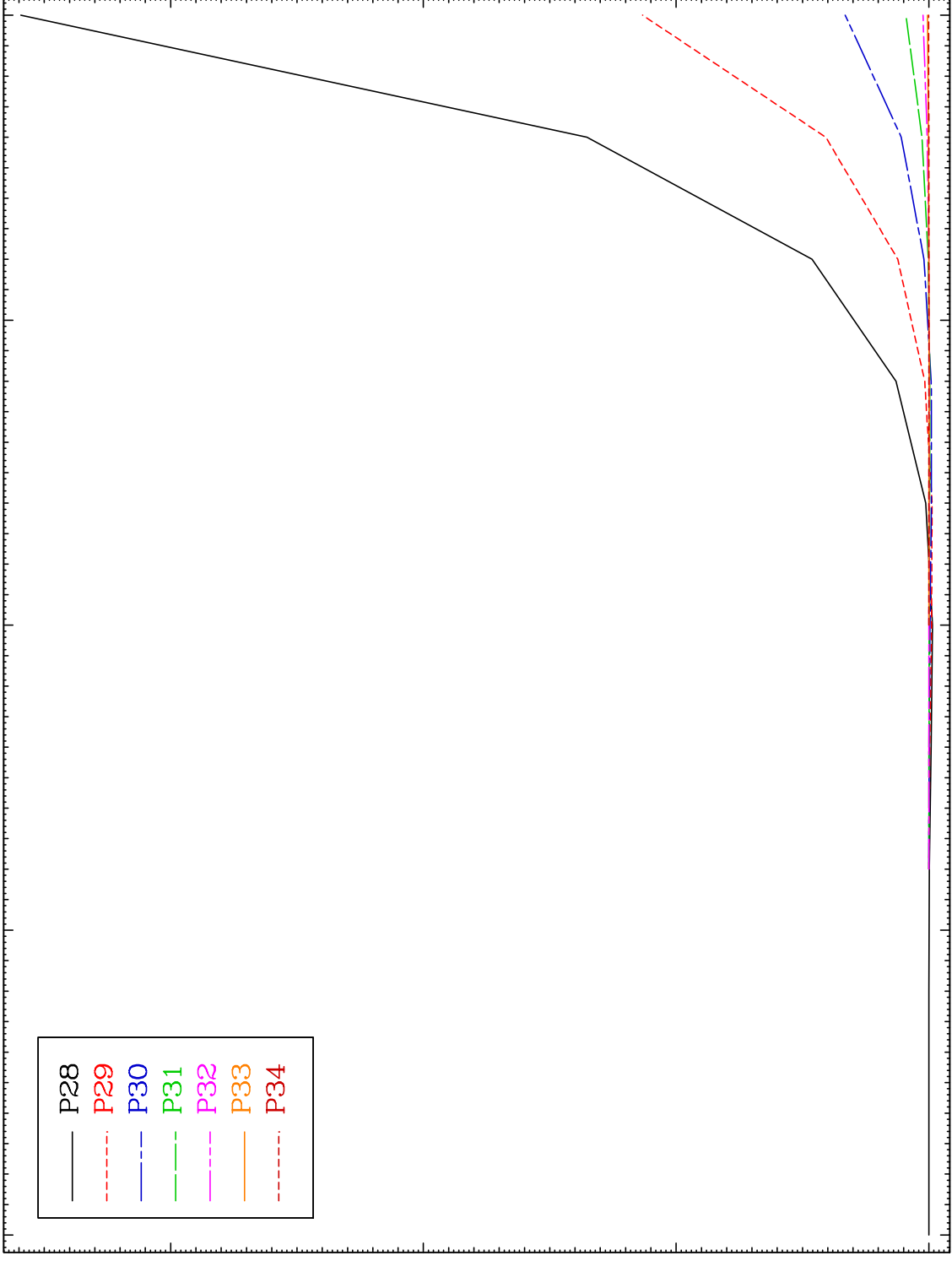
25

30

19

Incident Energy (MeV)

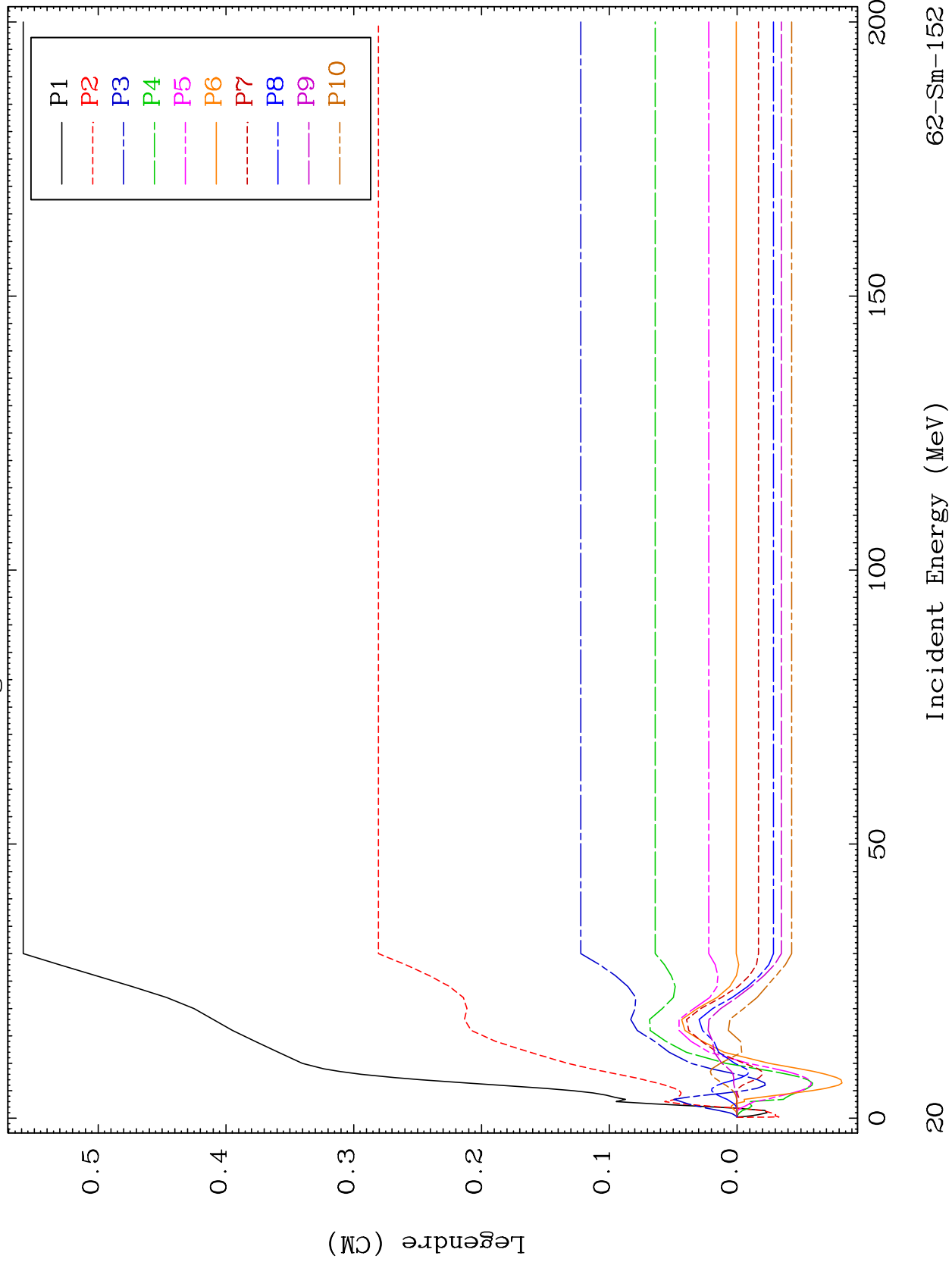
62-Sm-152



MAT 6249

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

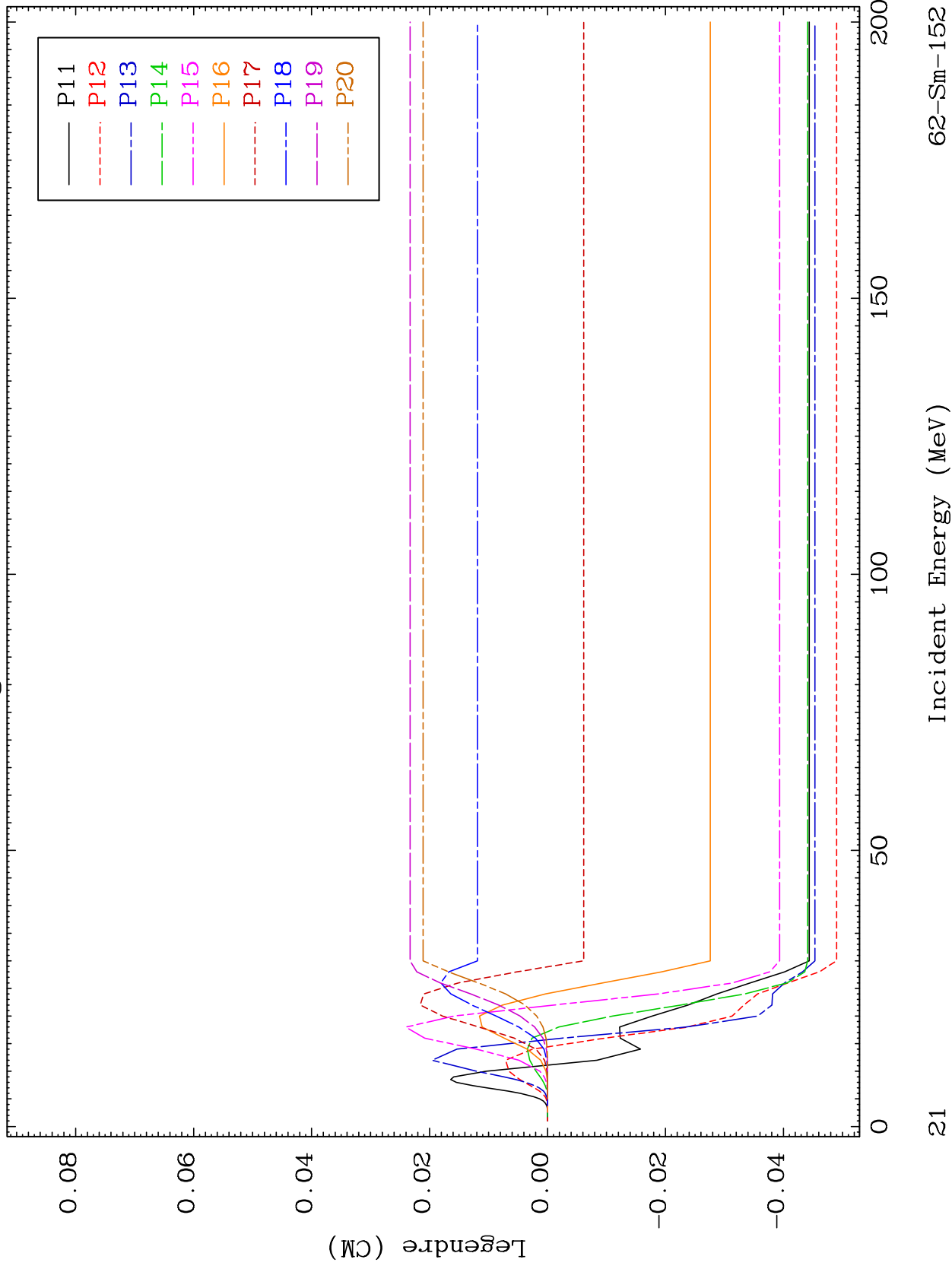
62-Sm-152



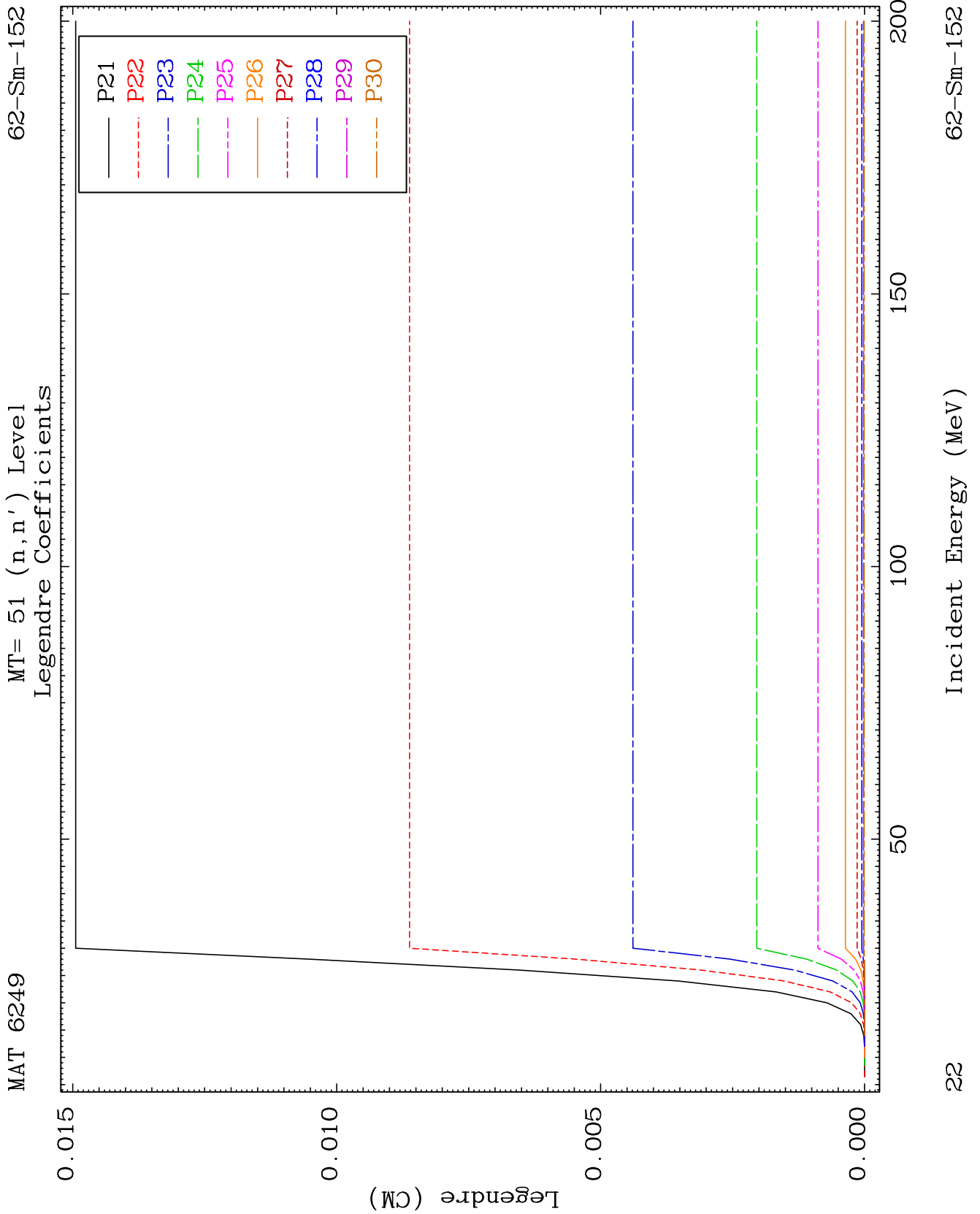
MAT 6249

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

62-Sm-152



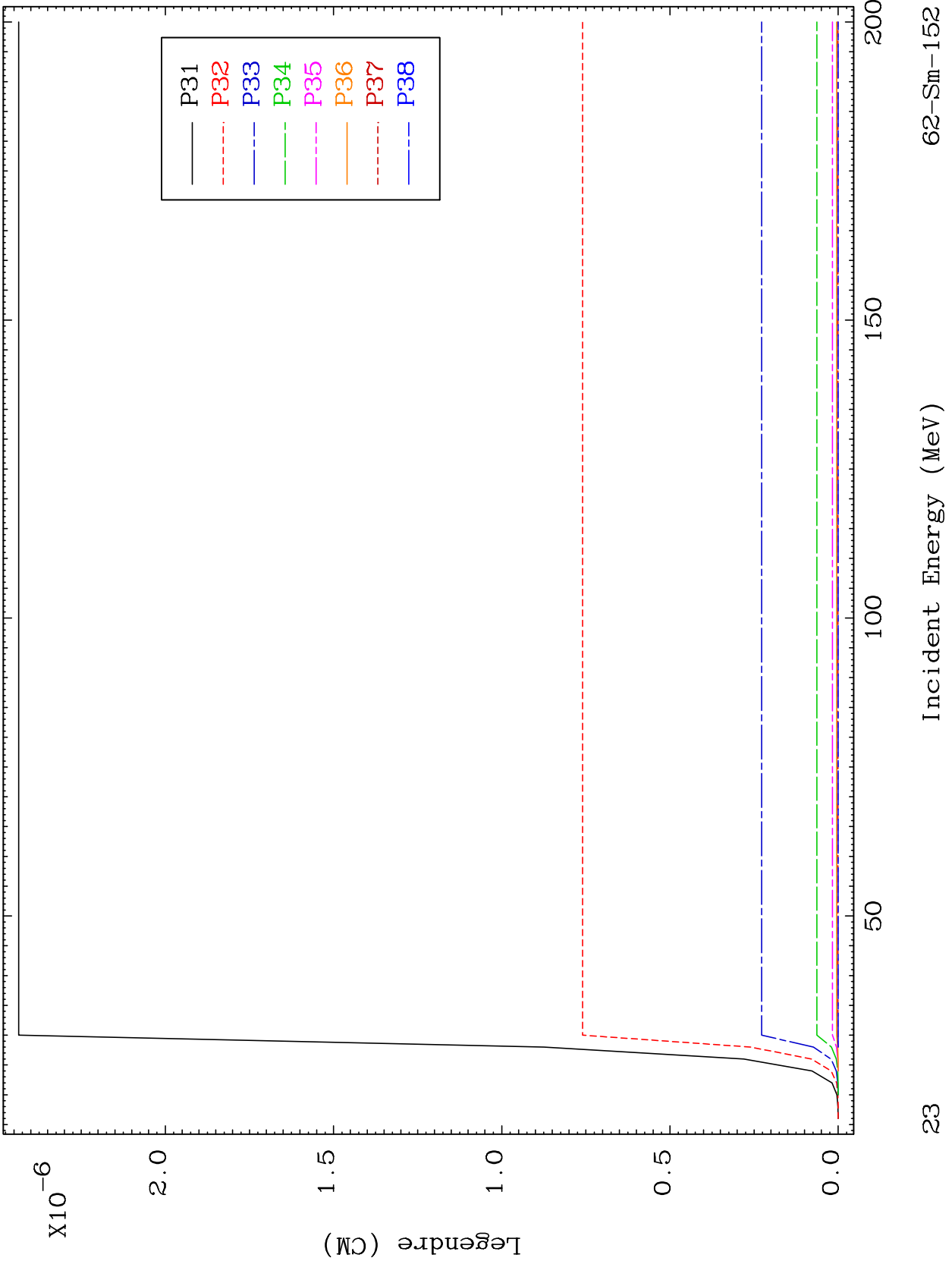
21



MAT 6249

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

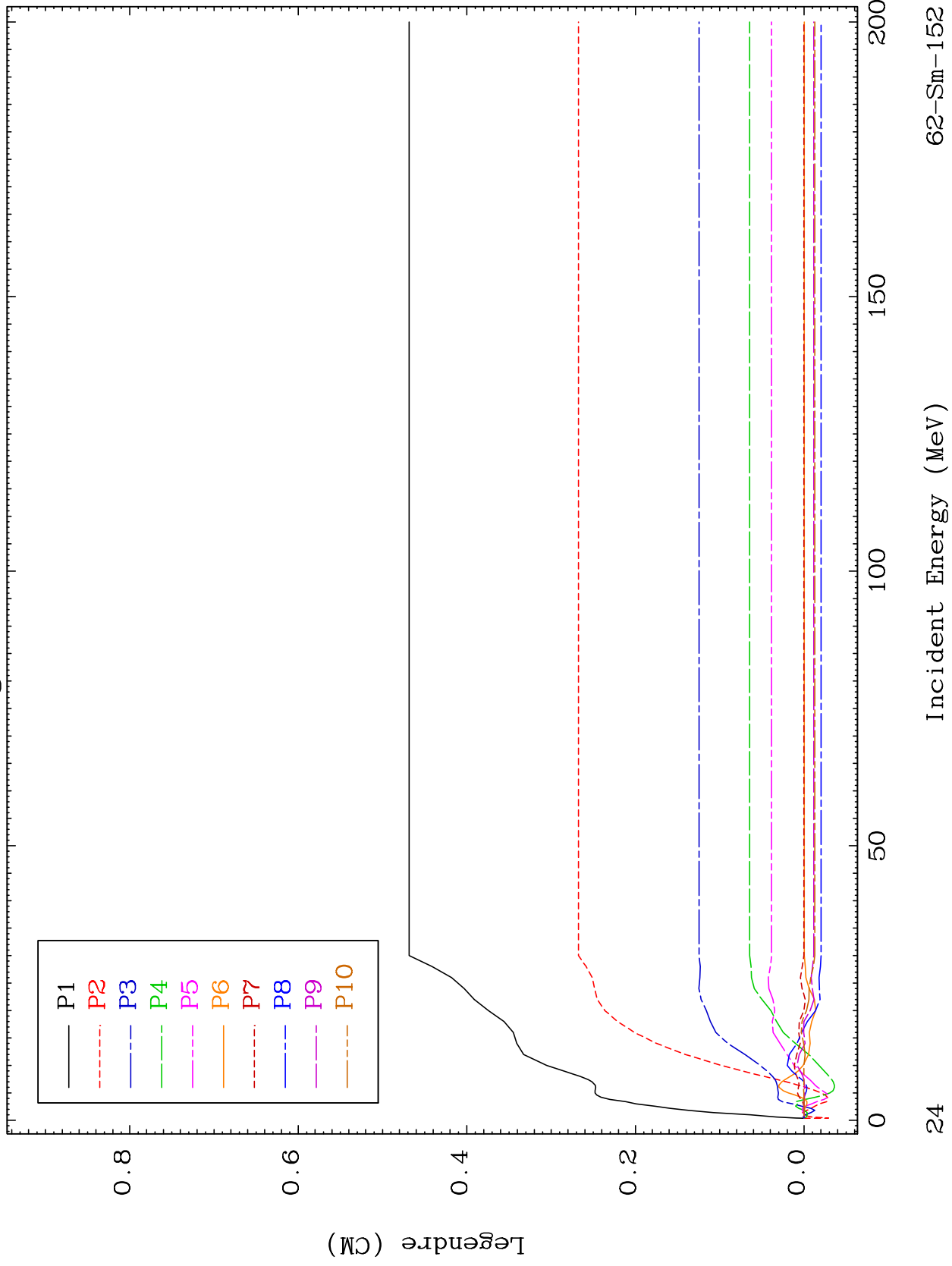
62-Sm-152



MAT 6249

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

62-Sm-152

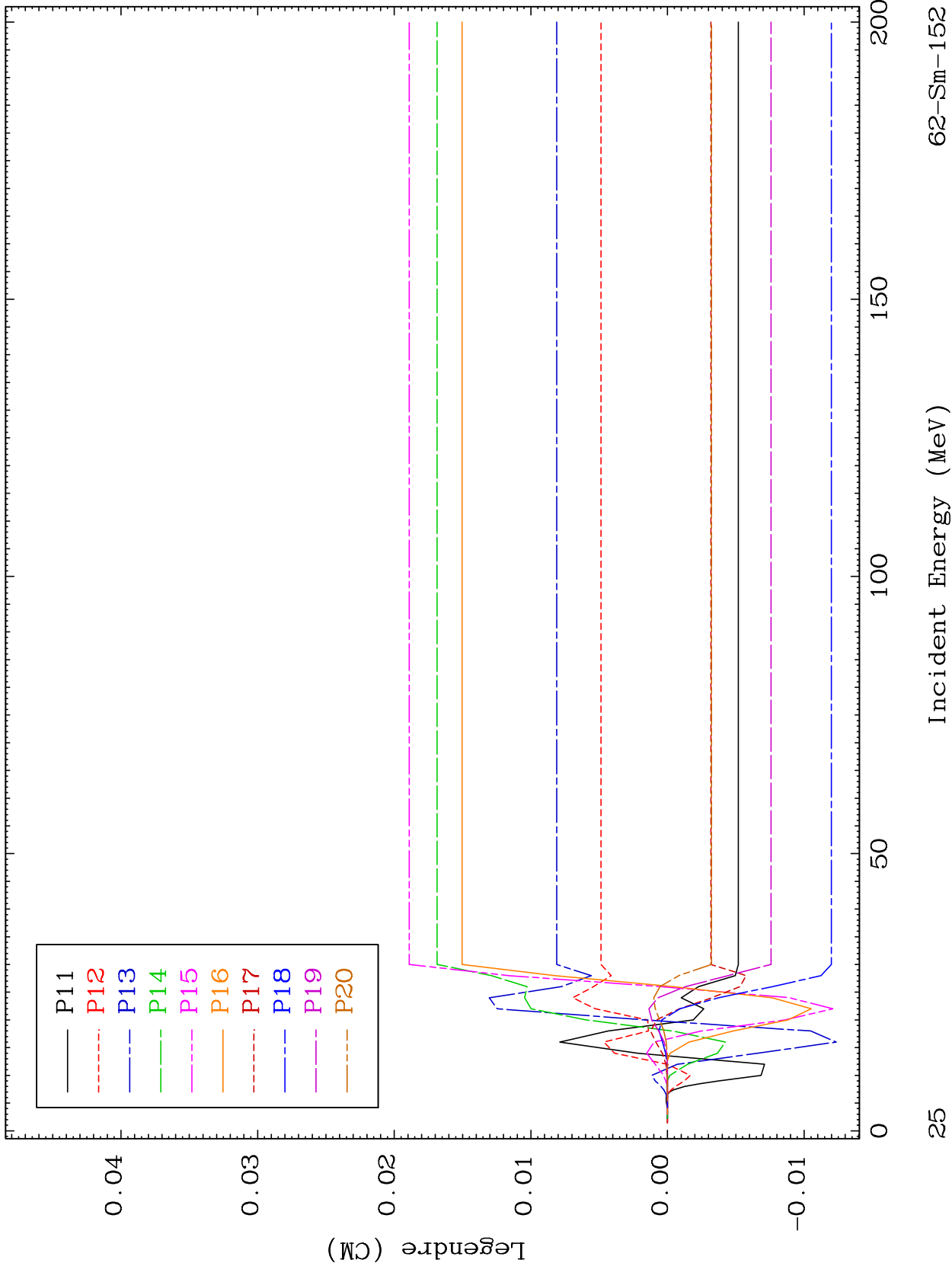


24

MAT 6249

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

62-Sm-152



62-Sm-152

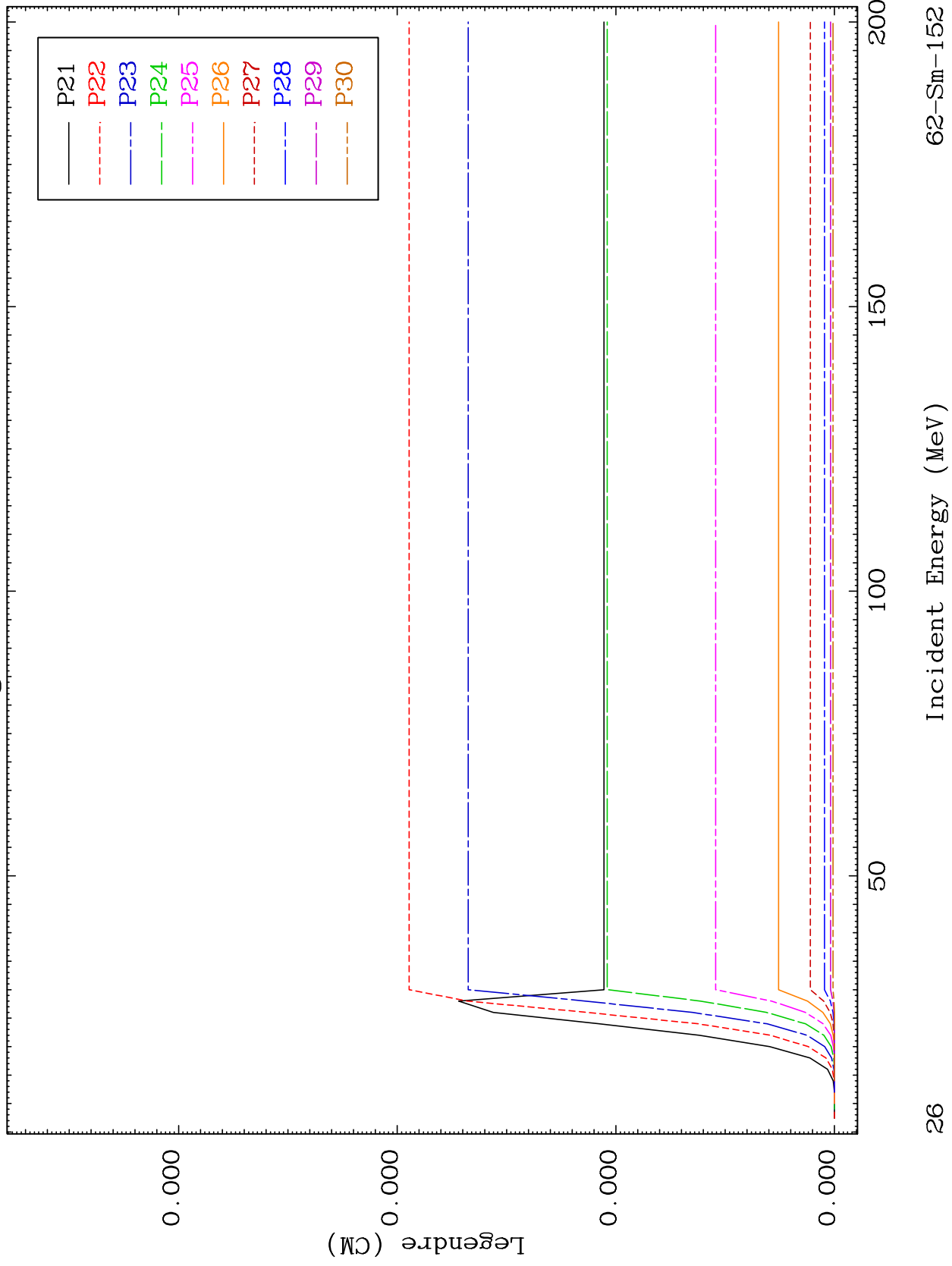
Incident Energy (MeV)

25

MAT 6249

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

62-Sm-152



26

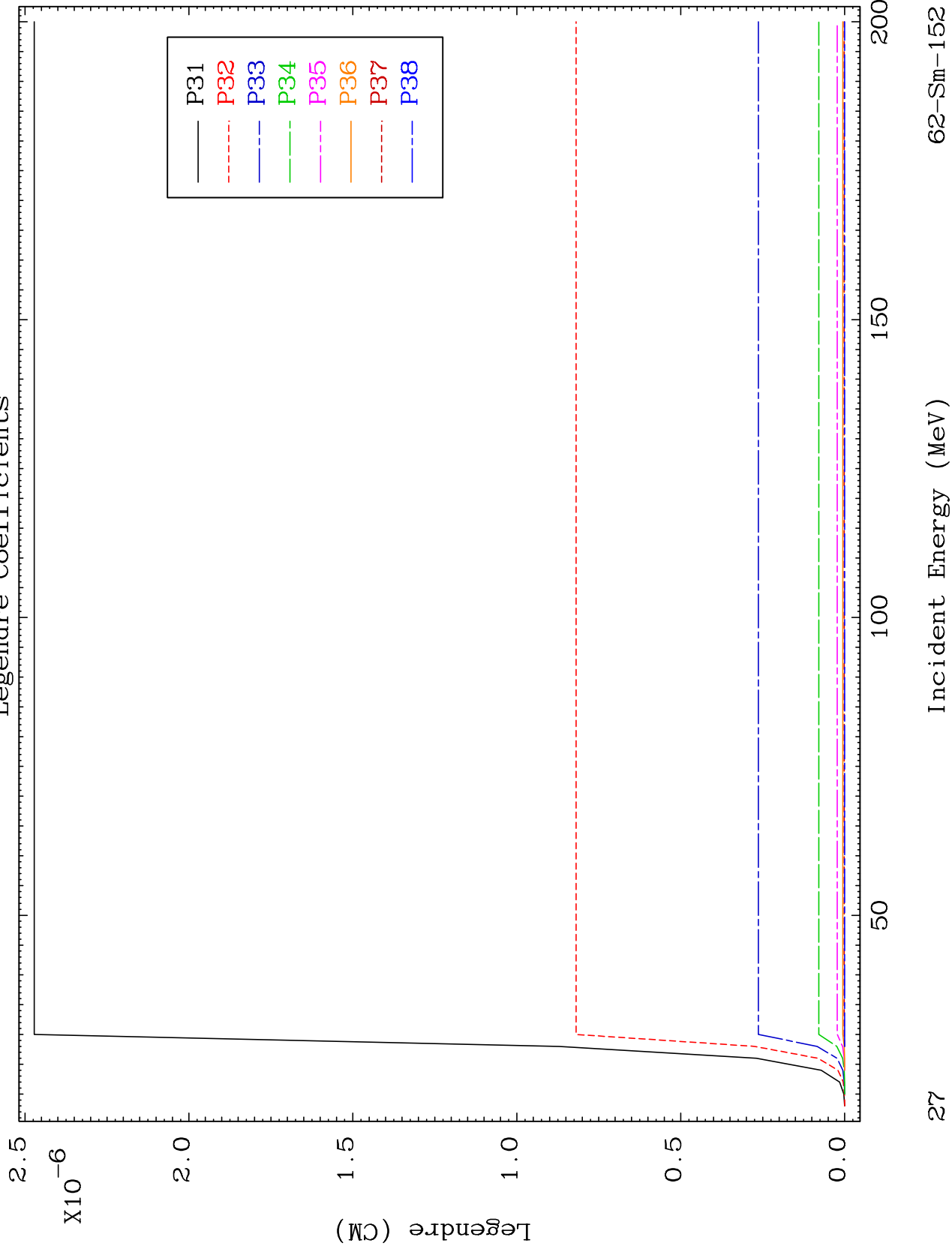
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

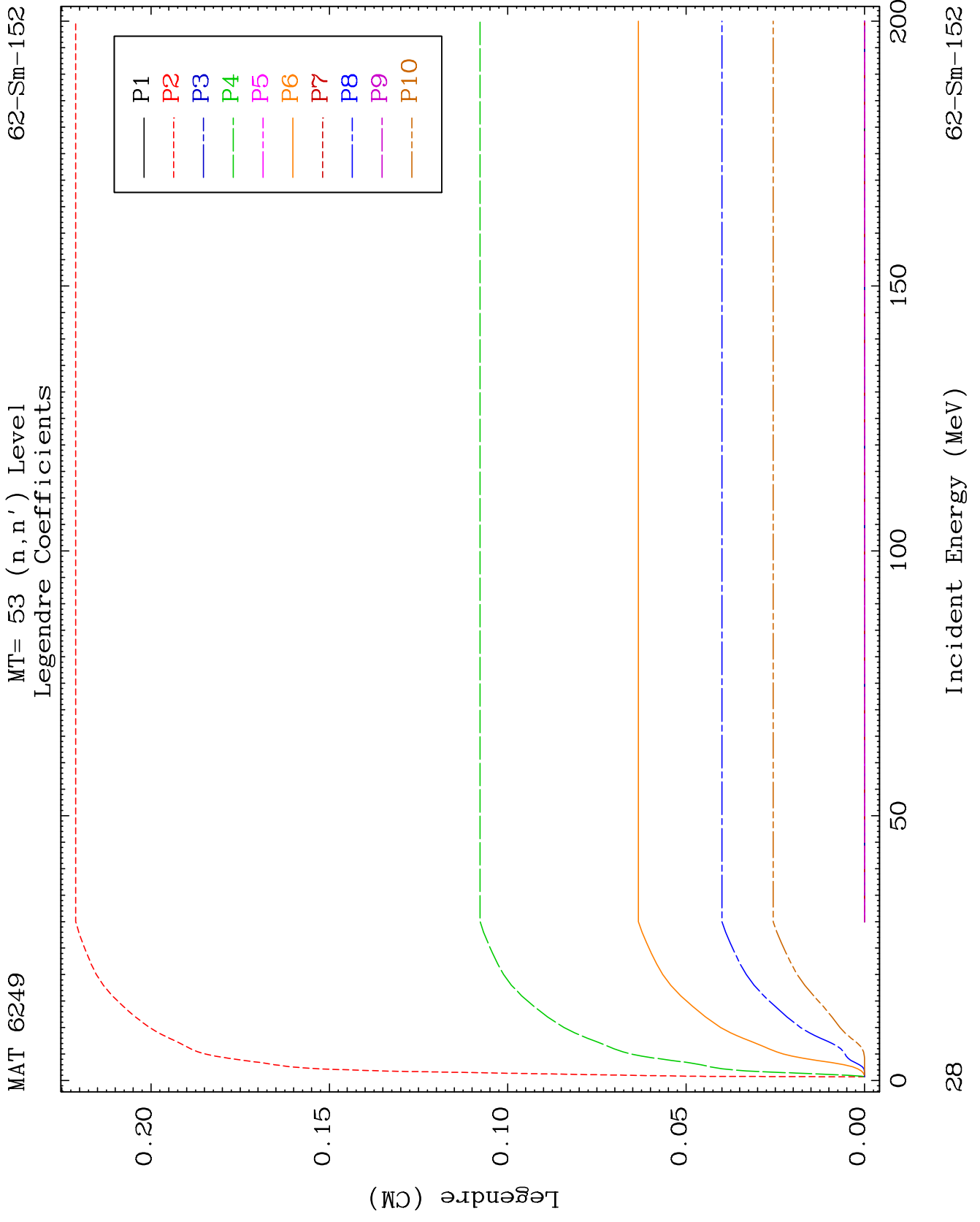
62-Sm-152



27

Incident Energy (MeV)

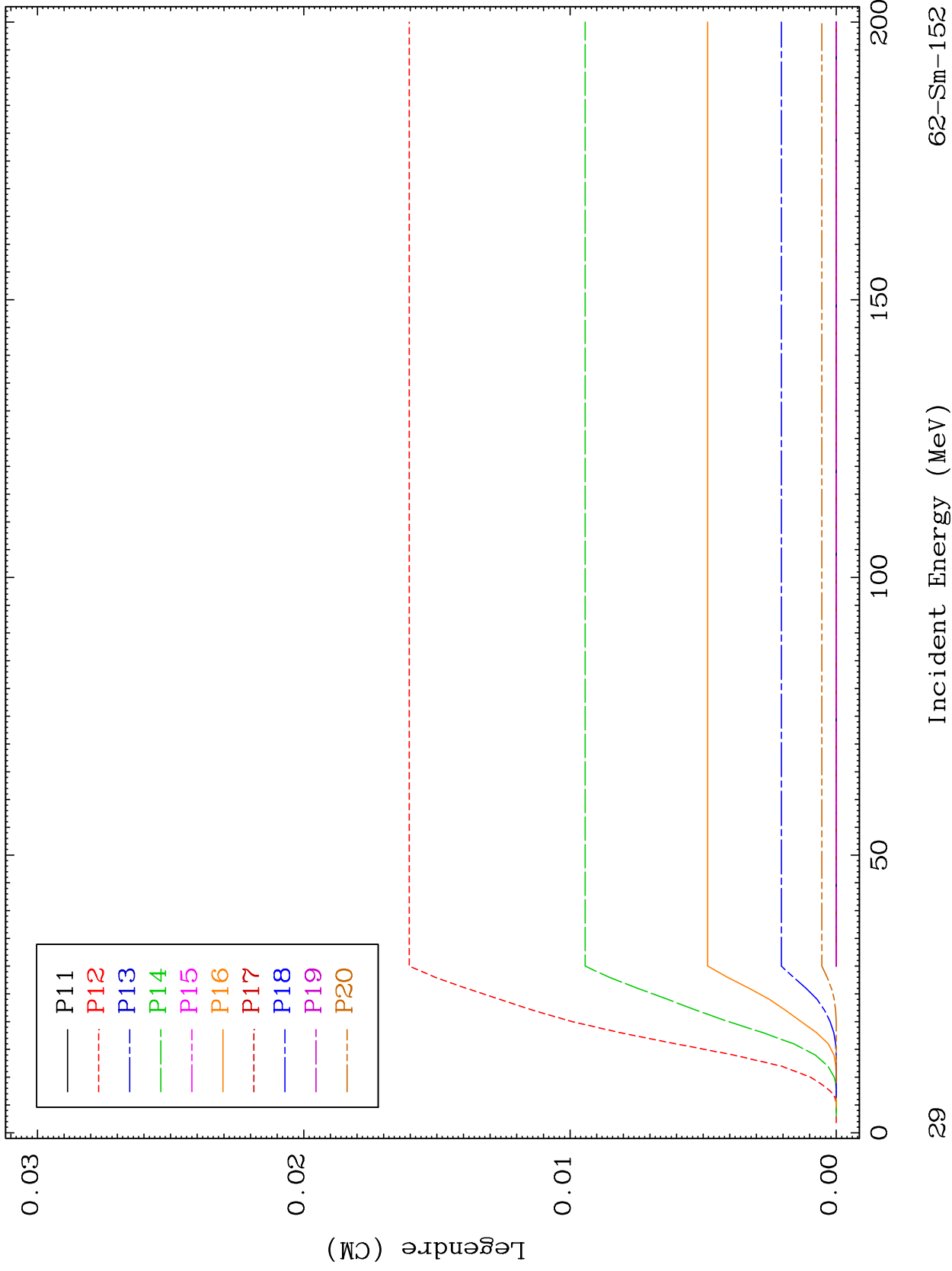
62-Sm-152



MAT 6249

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

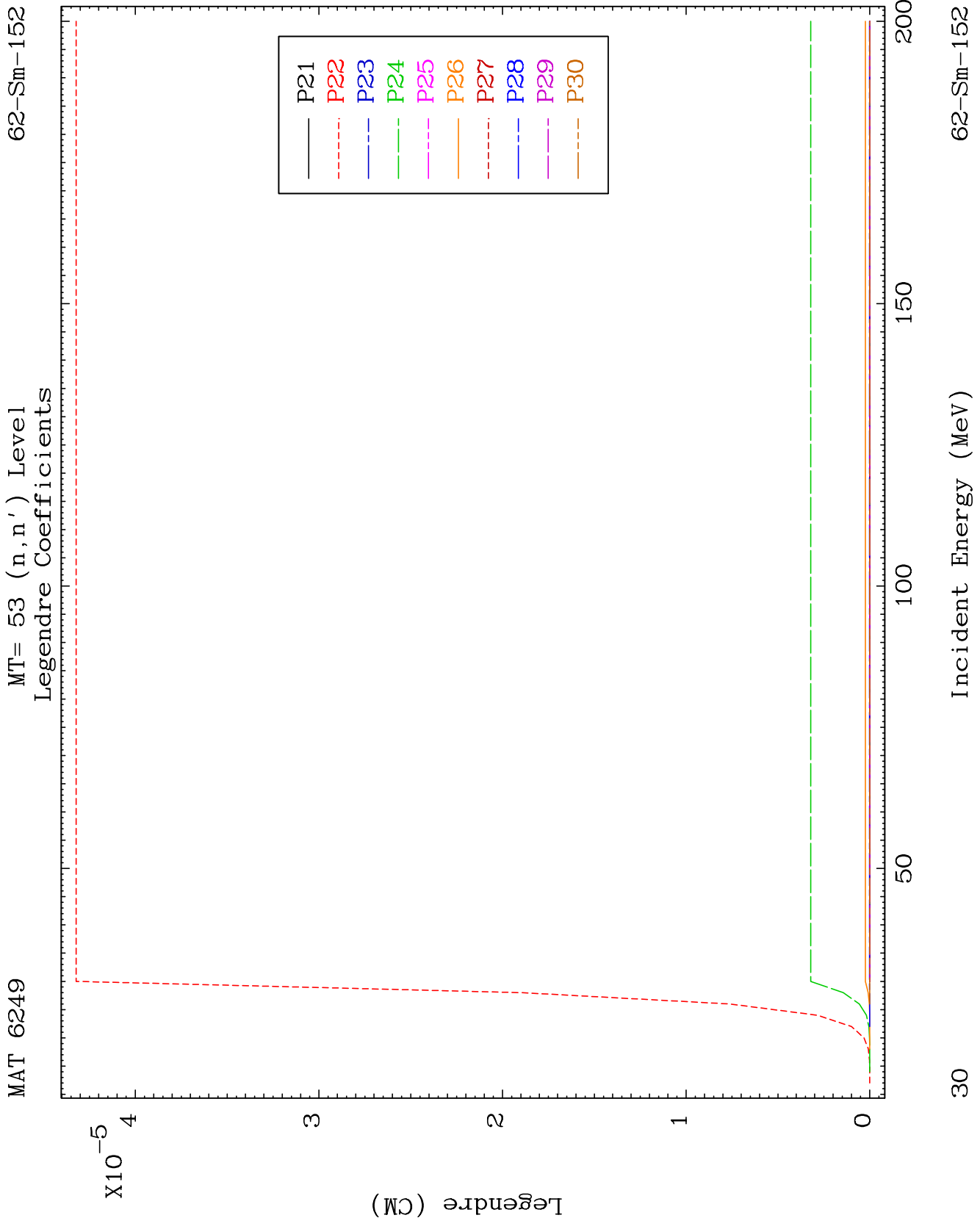
62-Sm-152



29

Incident Energy (MeV)

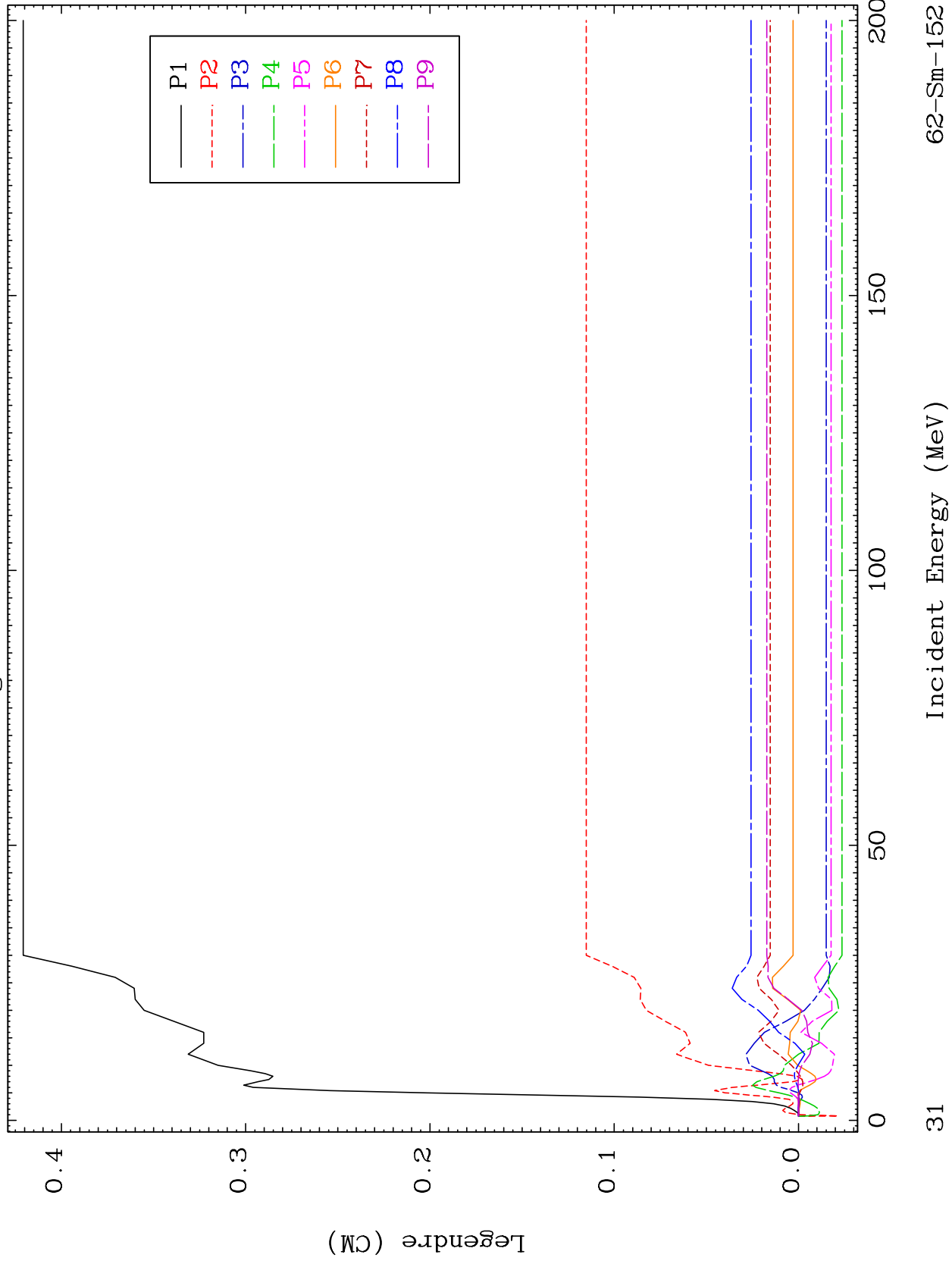
62-Sm-152



MAT 6249

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

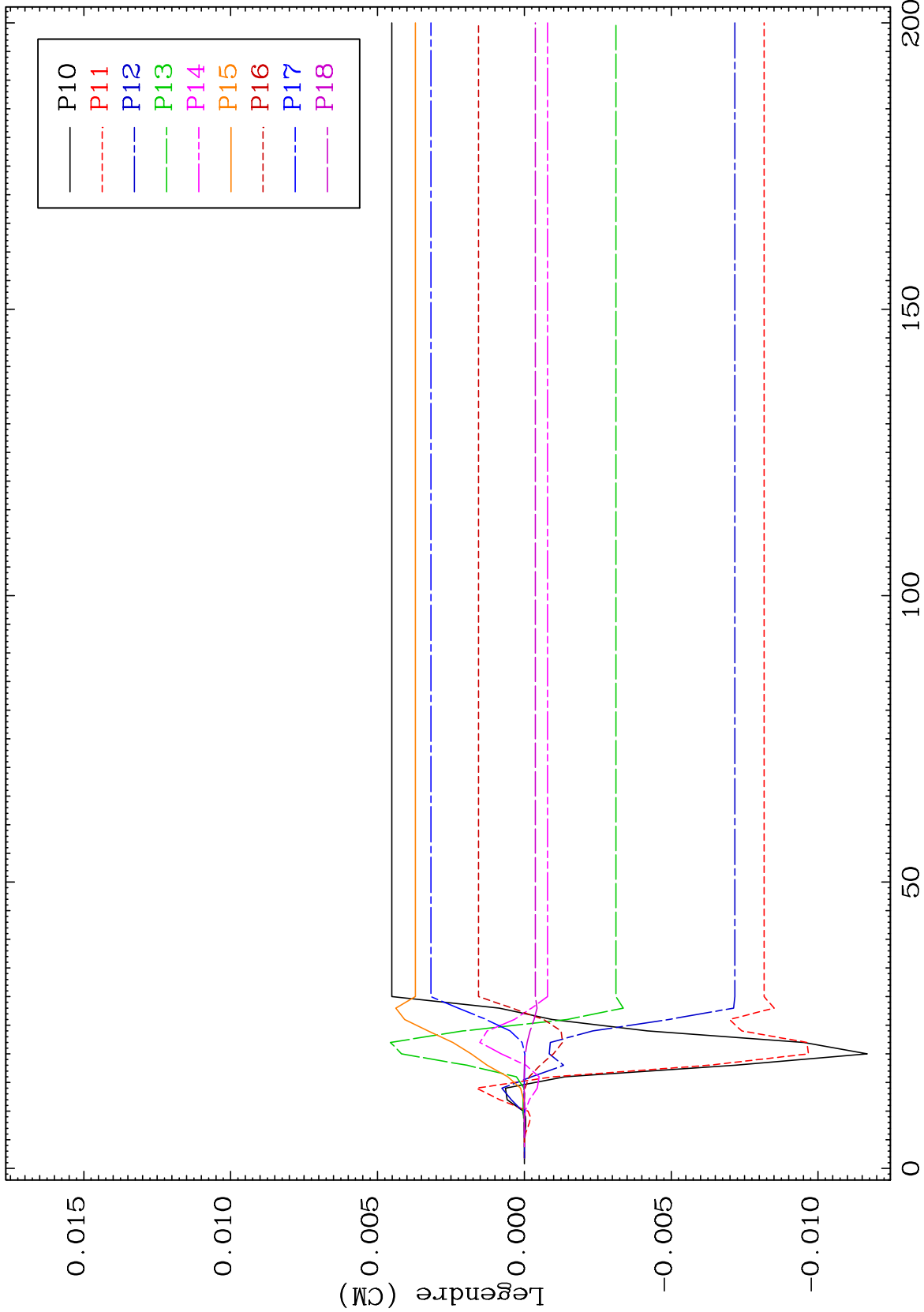
62-Sm-152



MAT 6249

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

62-Sm-152



32

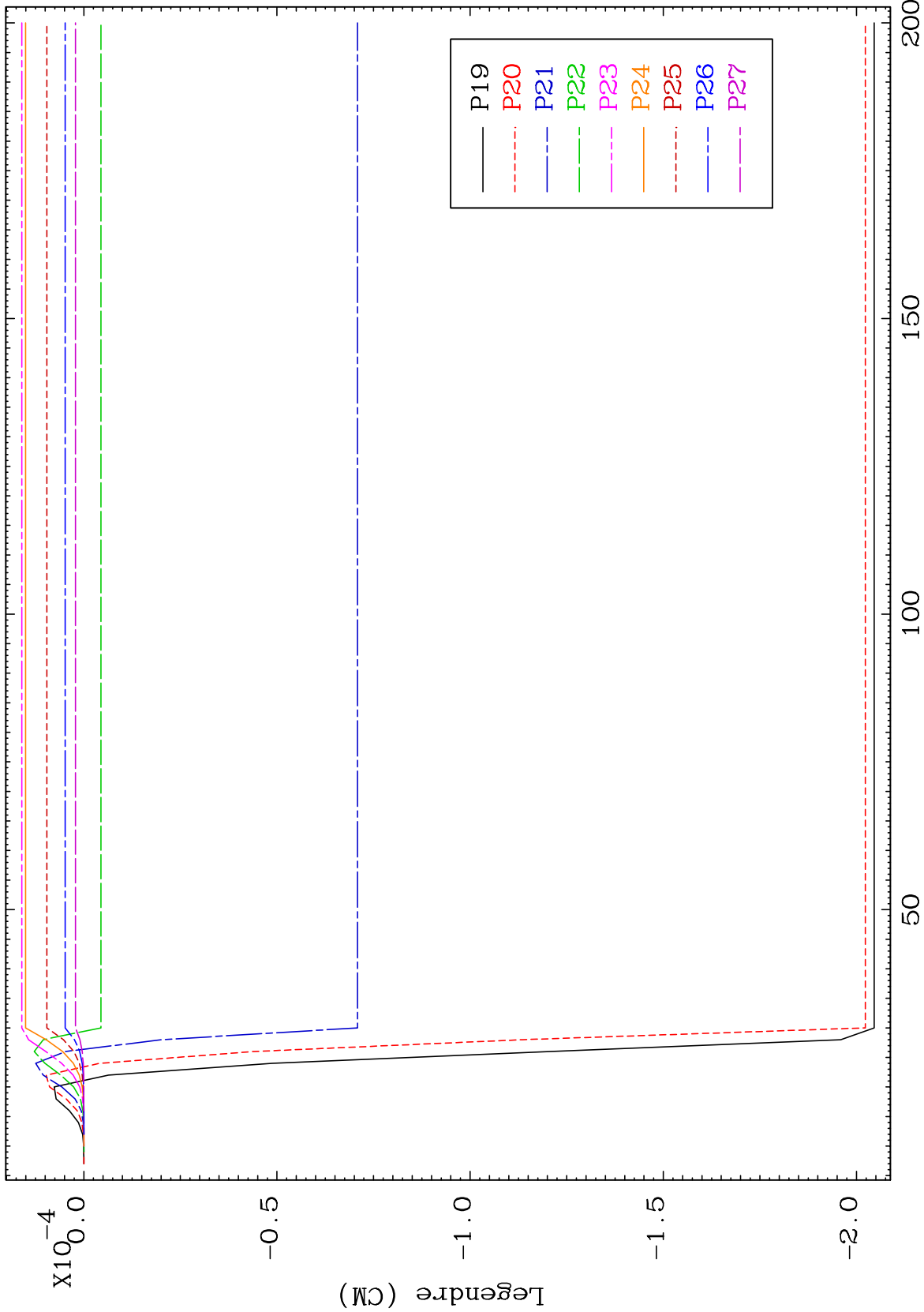
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

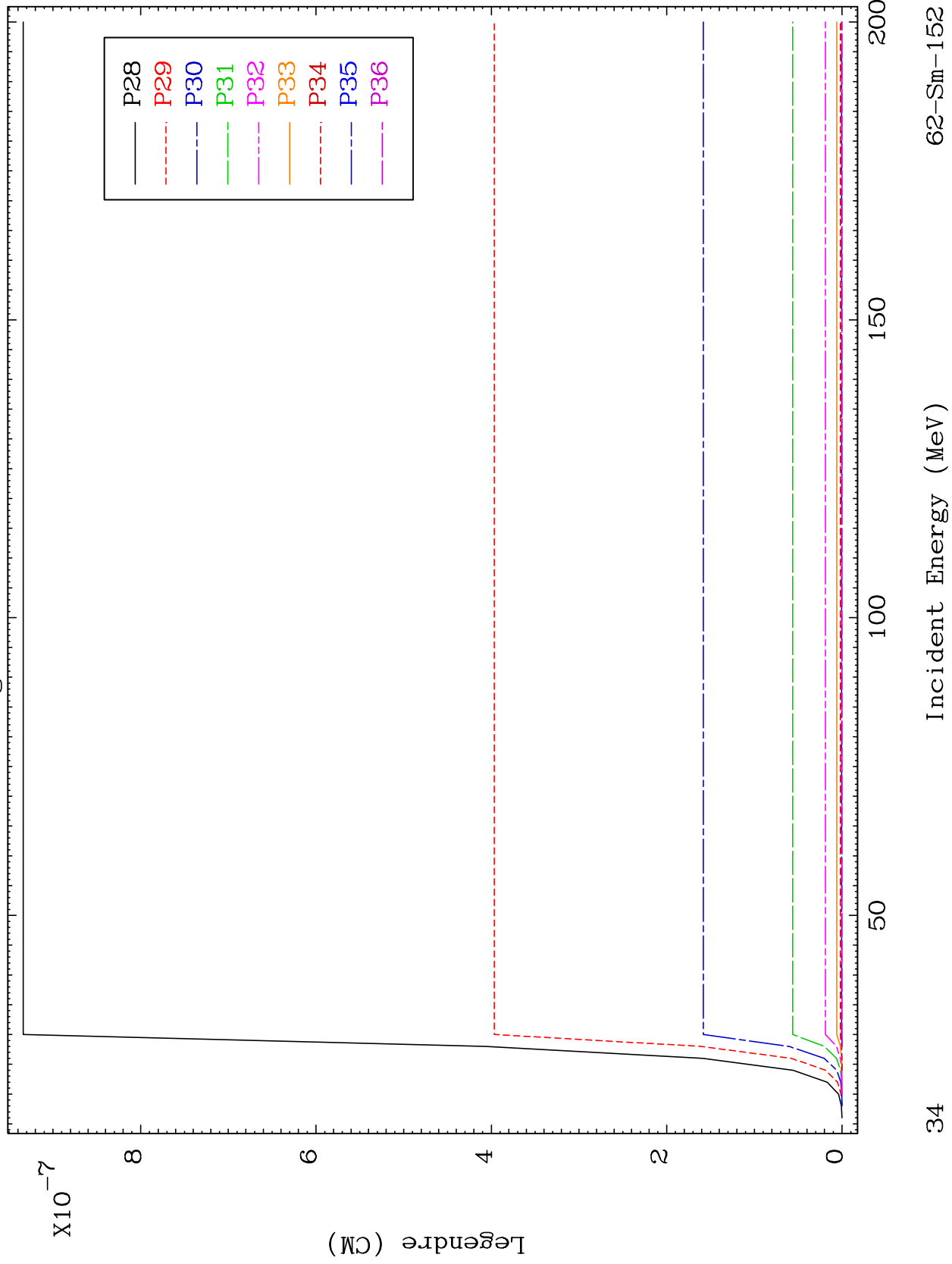
62-Sm-152



MAT 6249

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

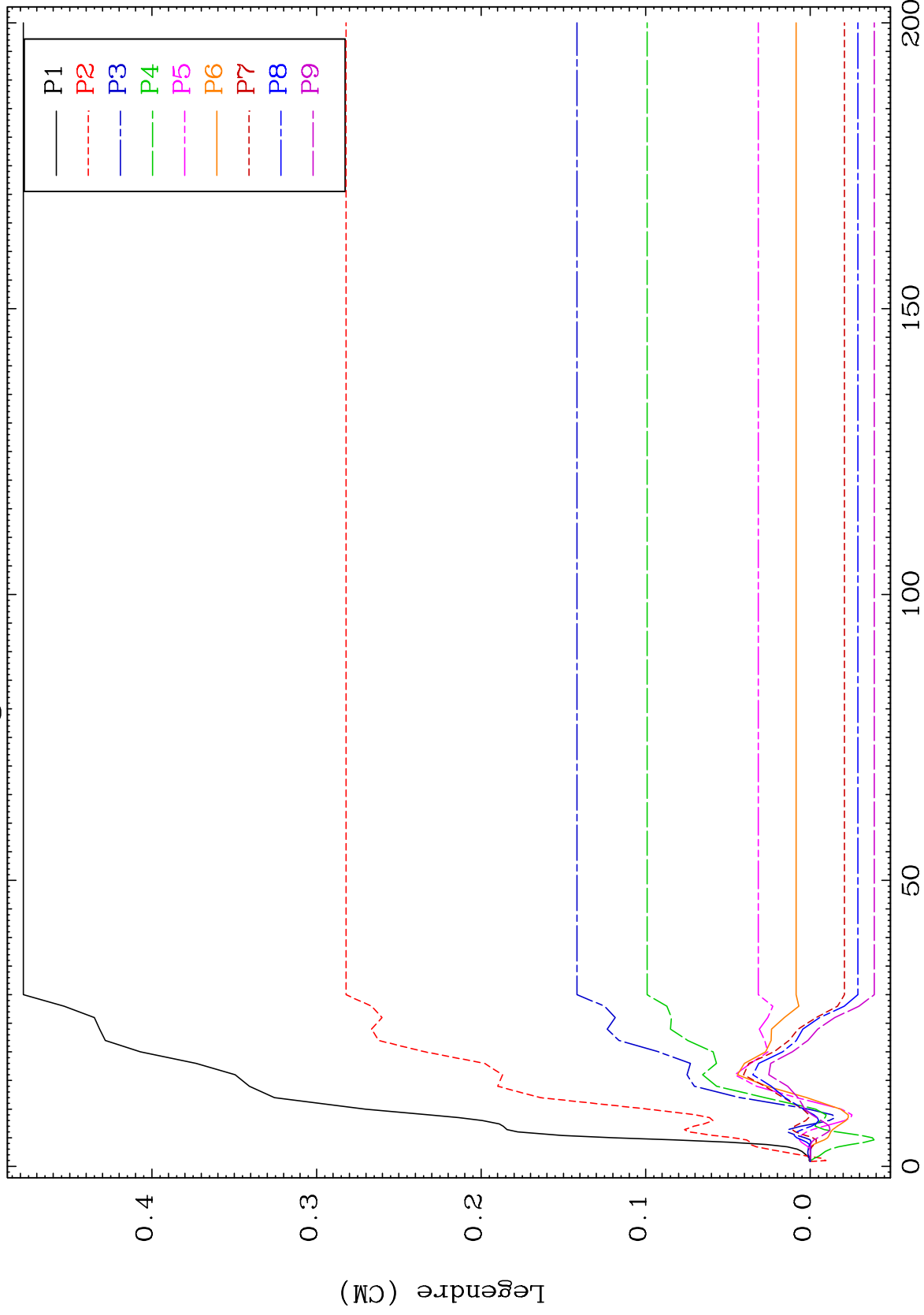
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

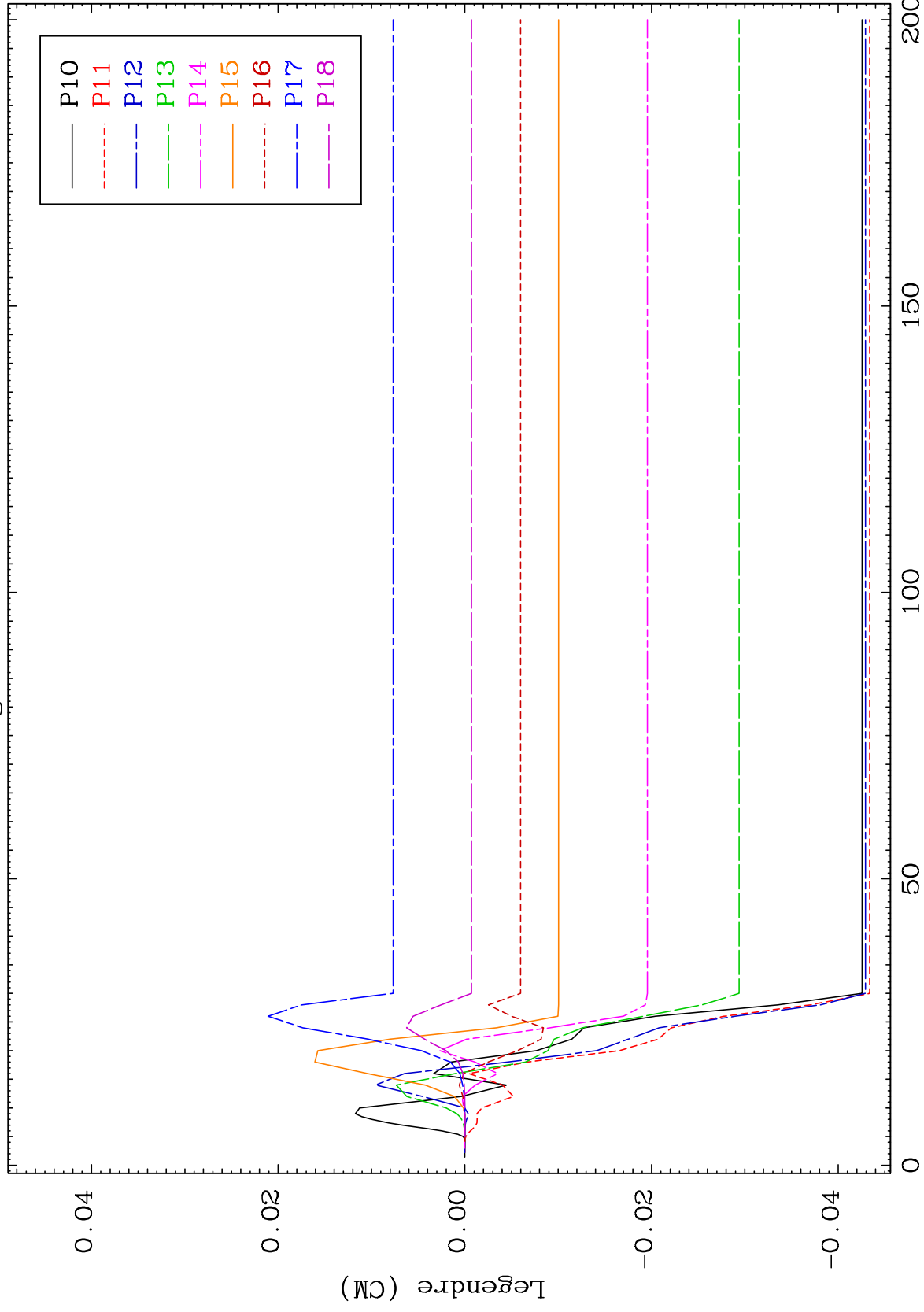
Incident Energy (MeV)

35

MAT 6249

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

62-Sm-152



36

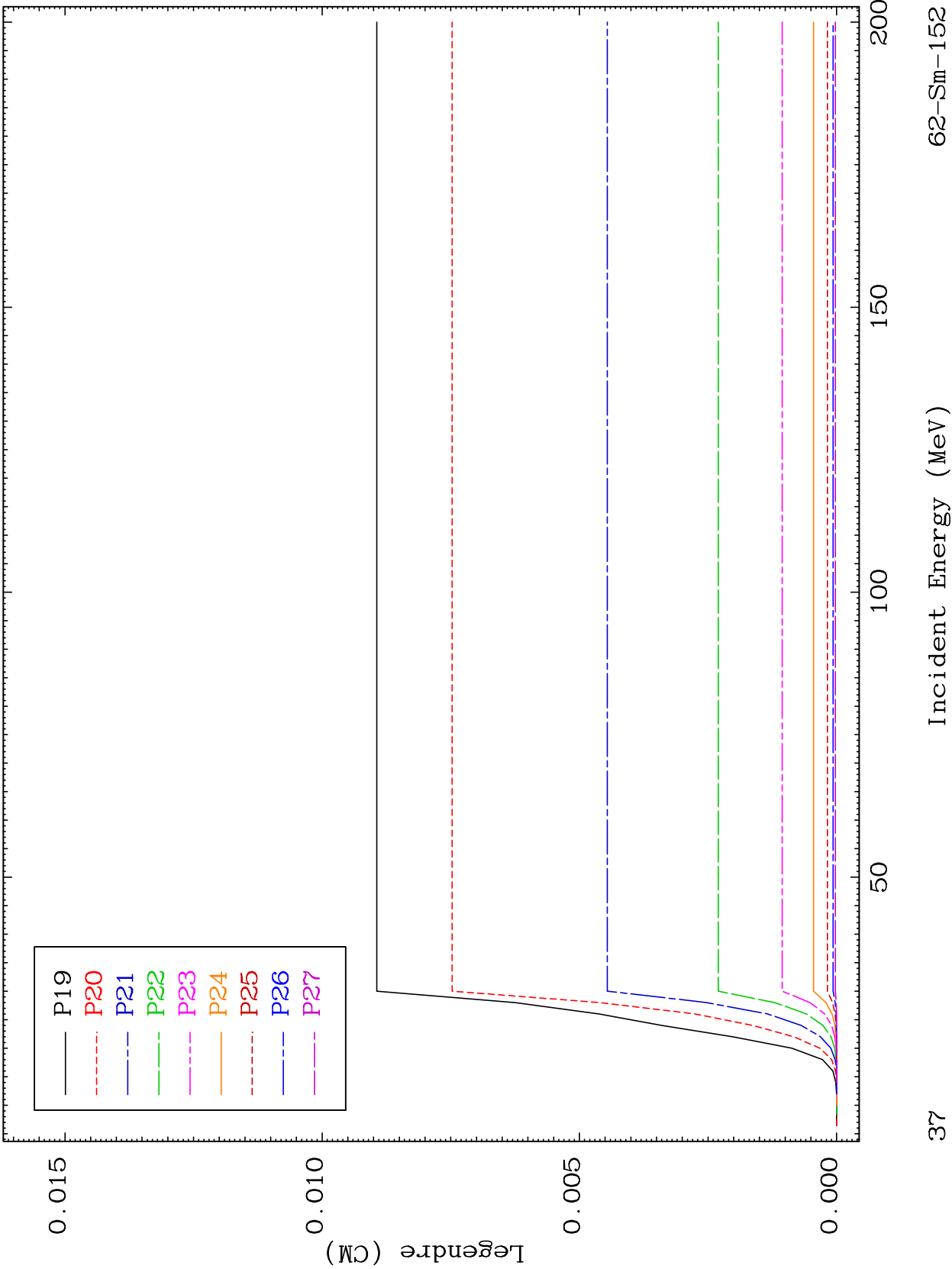
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

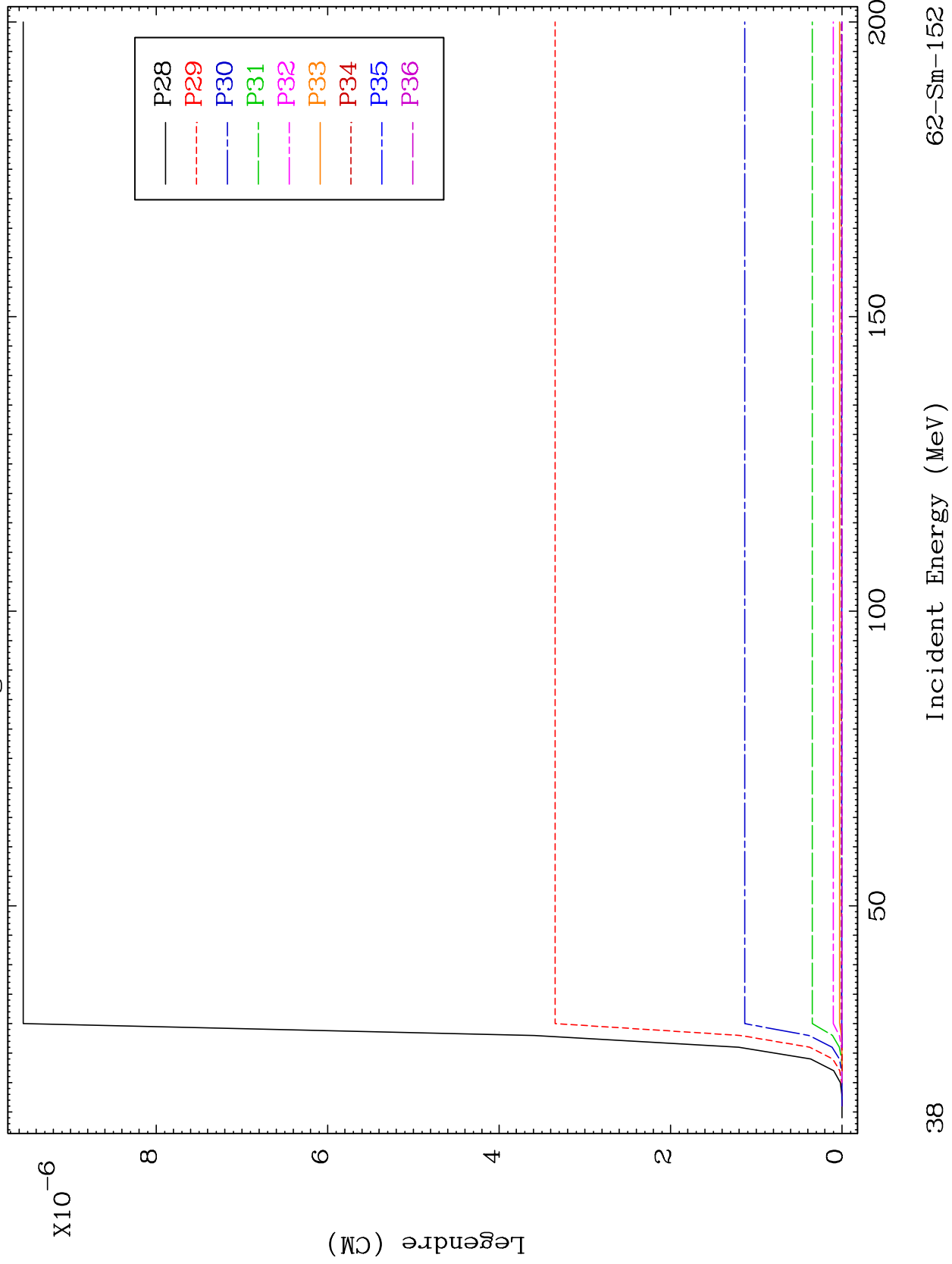
62-Sm-152



MAT 6249

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

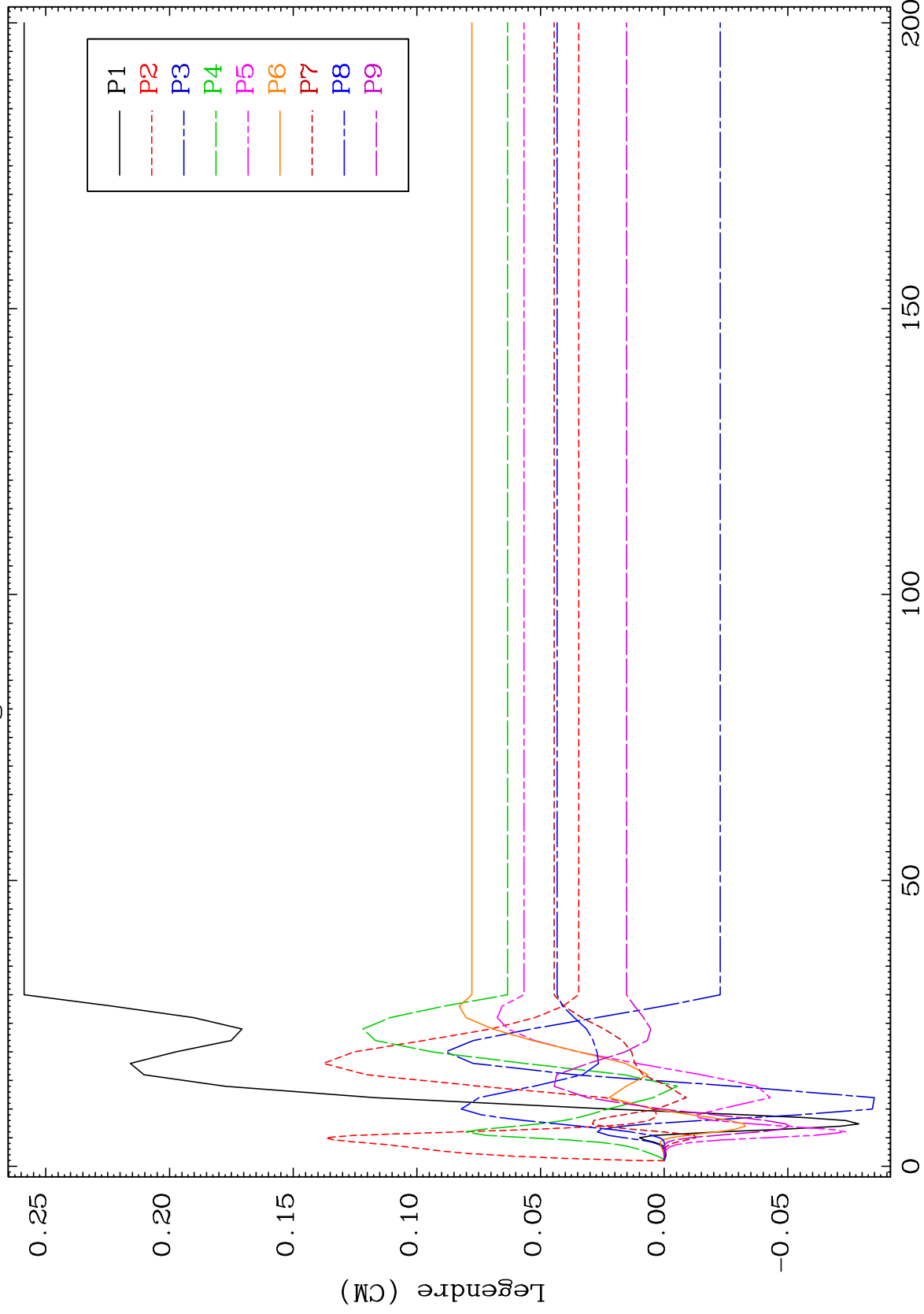
62-Sm-152



MAT 6249

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

62-Sm-152



39

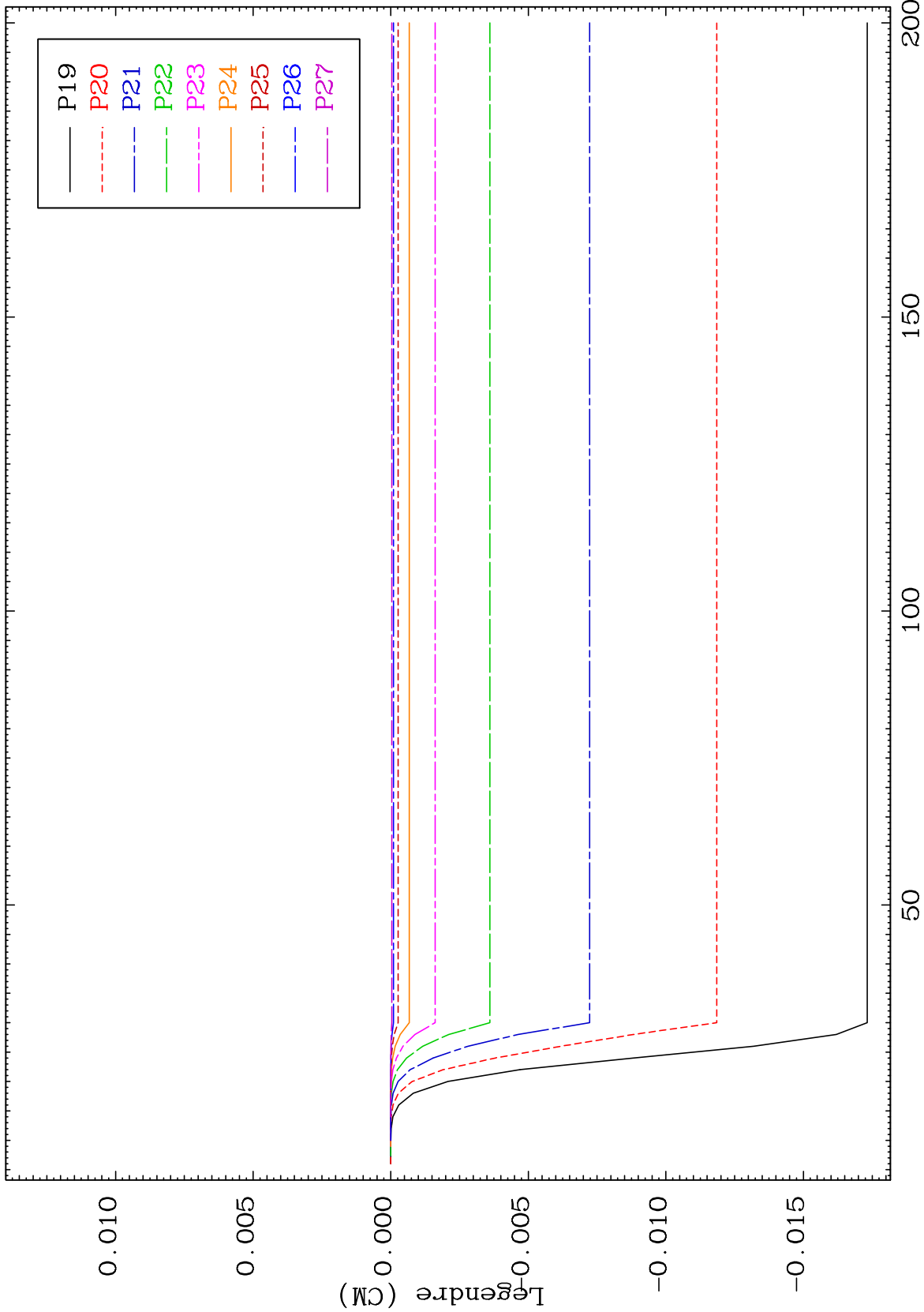
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

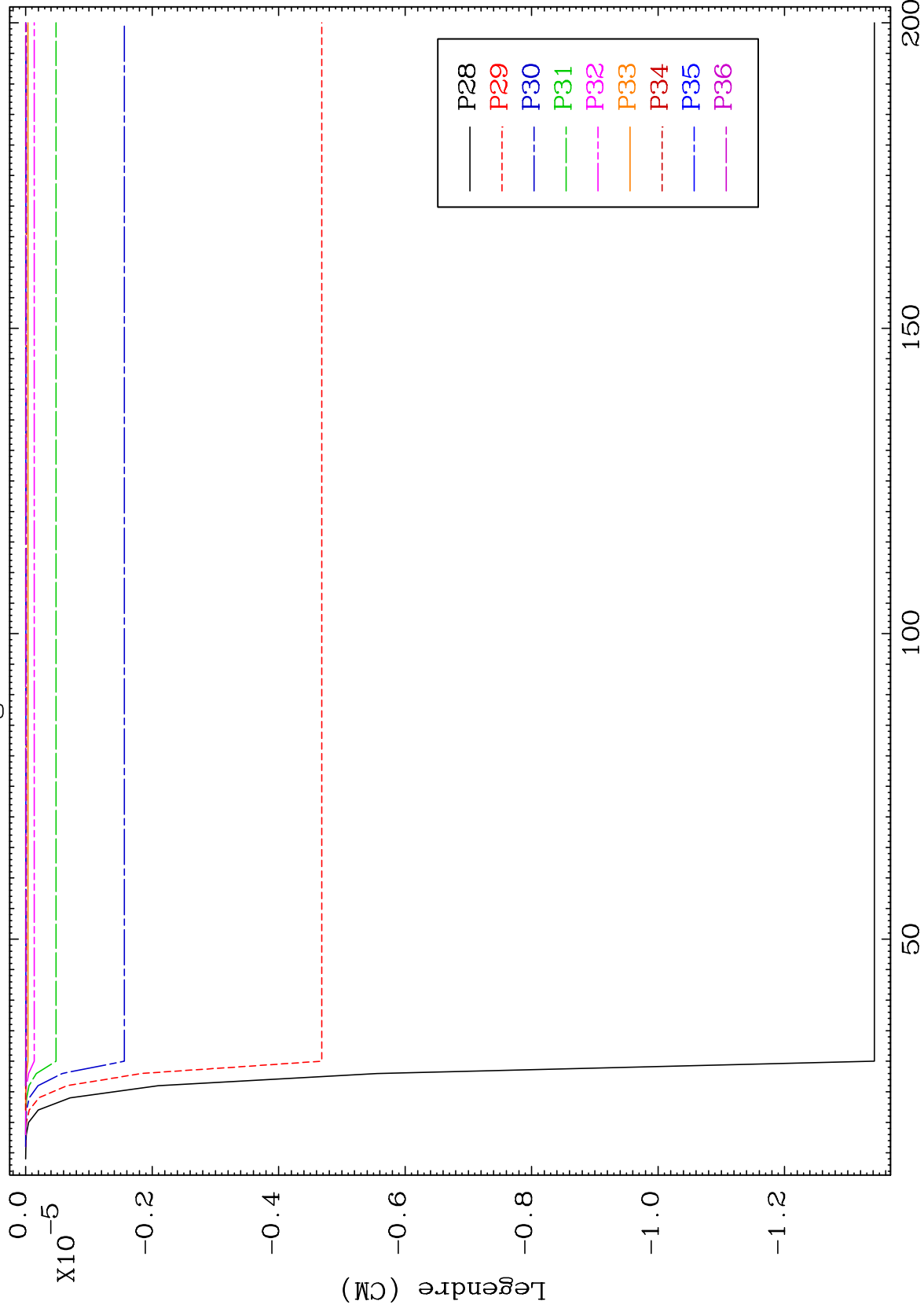
62-Sm-152



MAT 6249

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

62-Sm-152



42

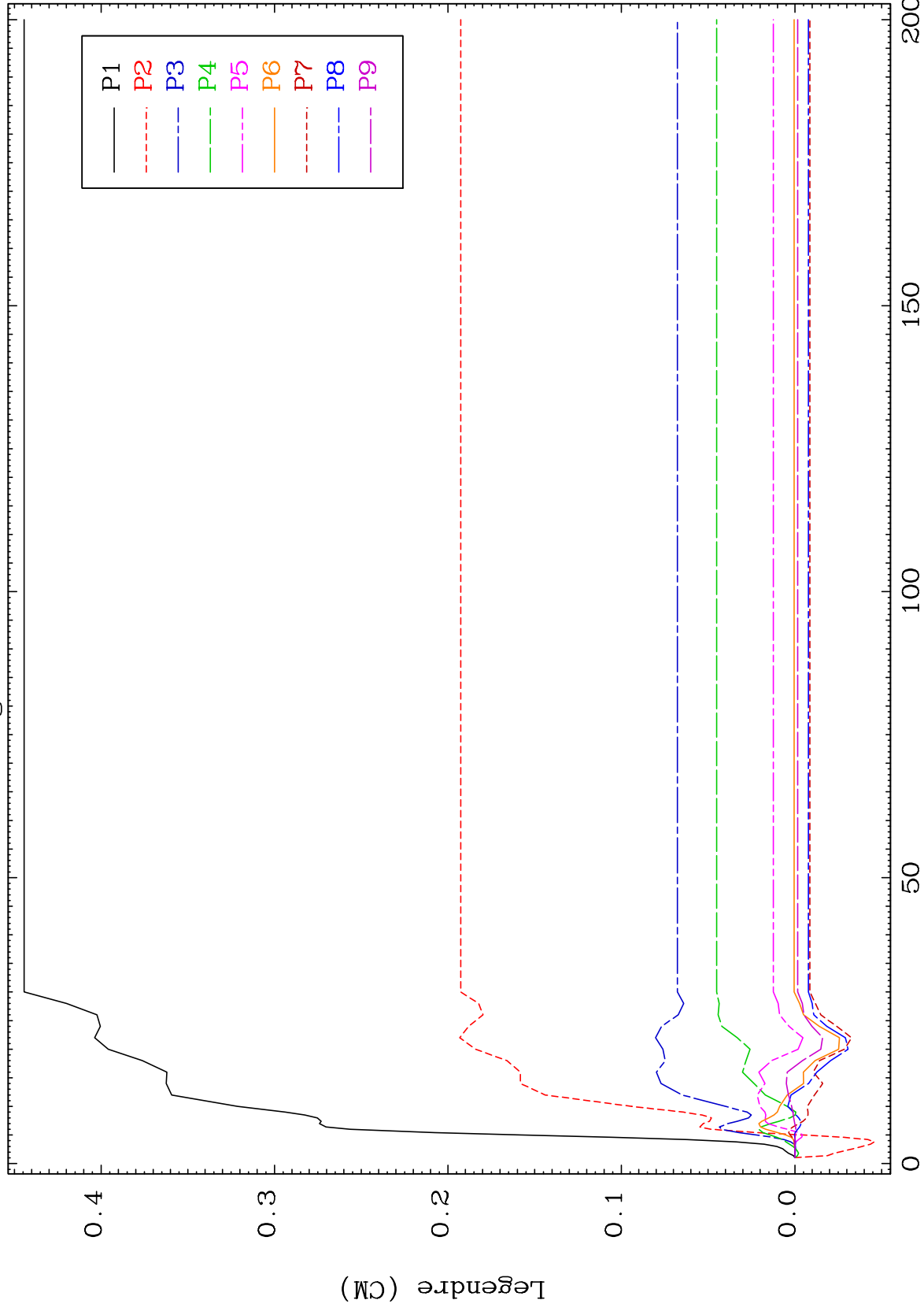
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

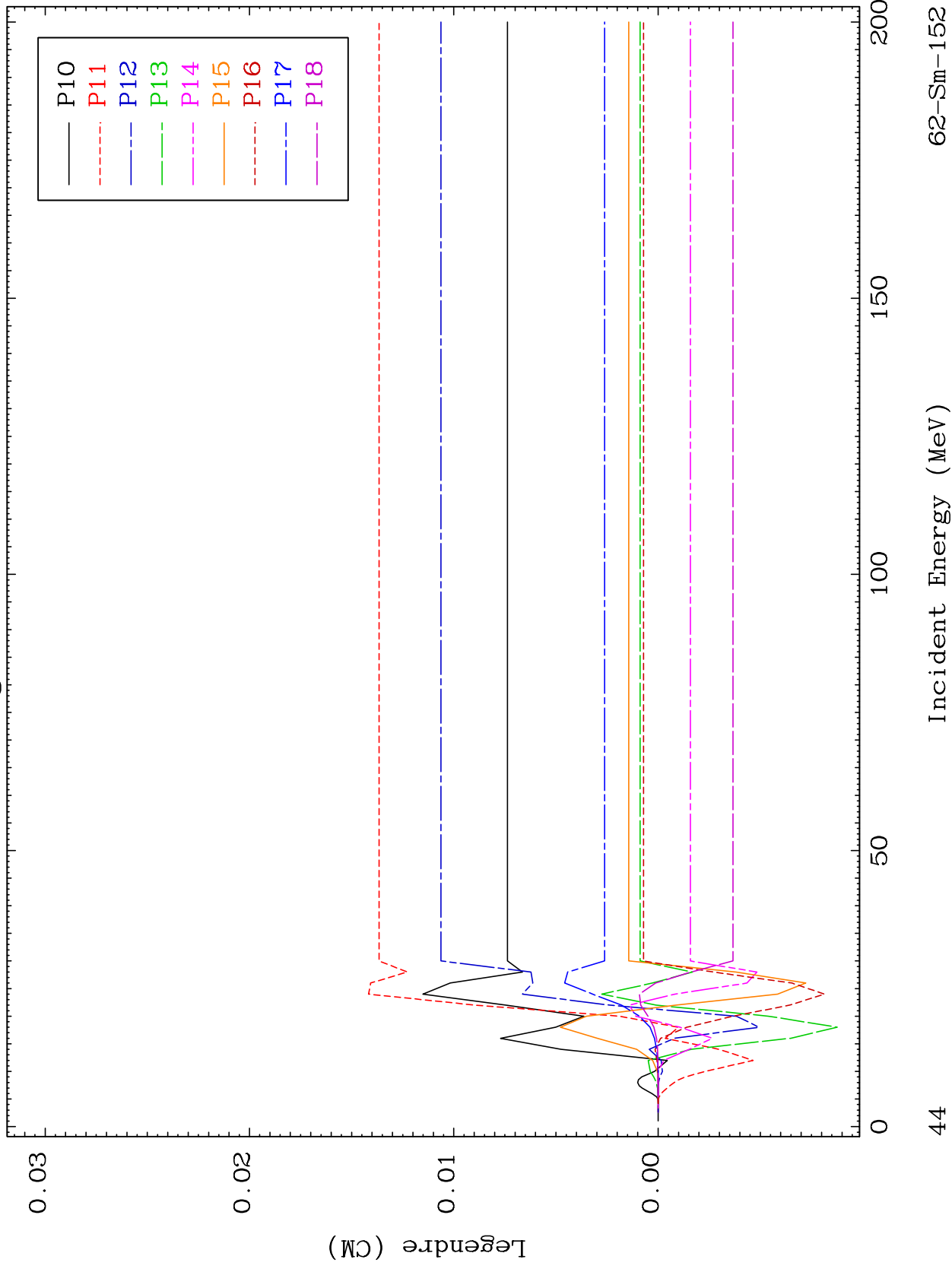
Incident Energy (MeV)

43

MAT 6249

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

62-Sm-152



62-Sm-152

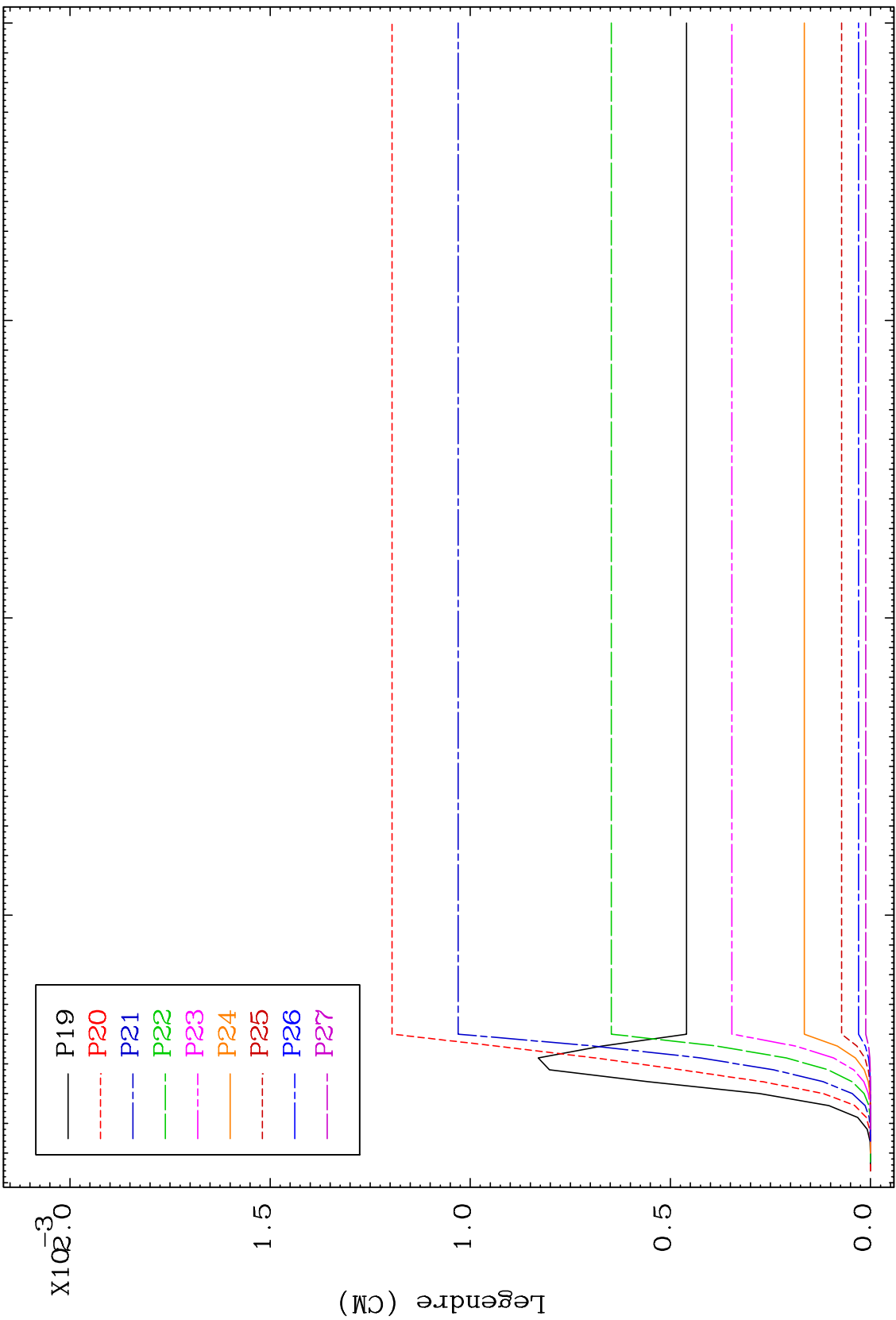
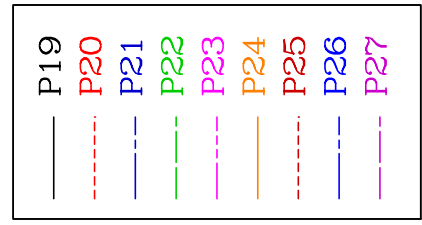
Incident Energy (MeV)

44

MAT 6249

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

62-Sm-152



45

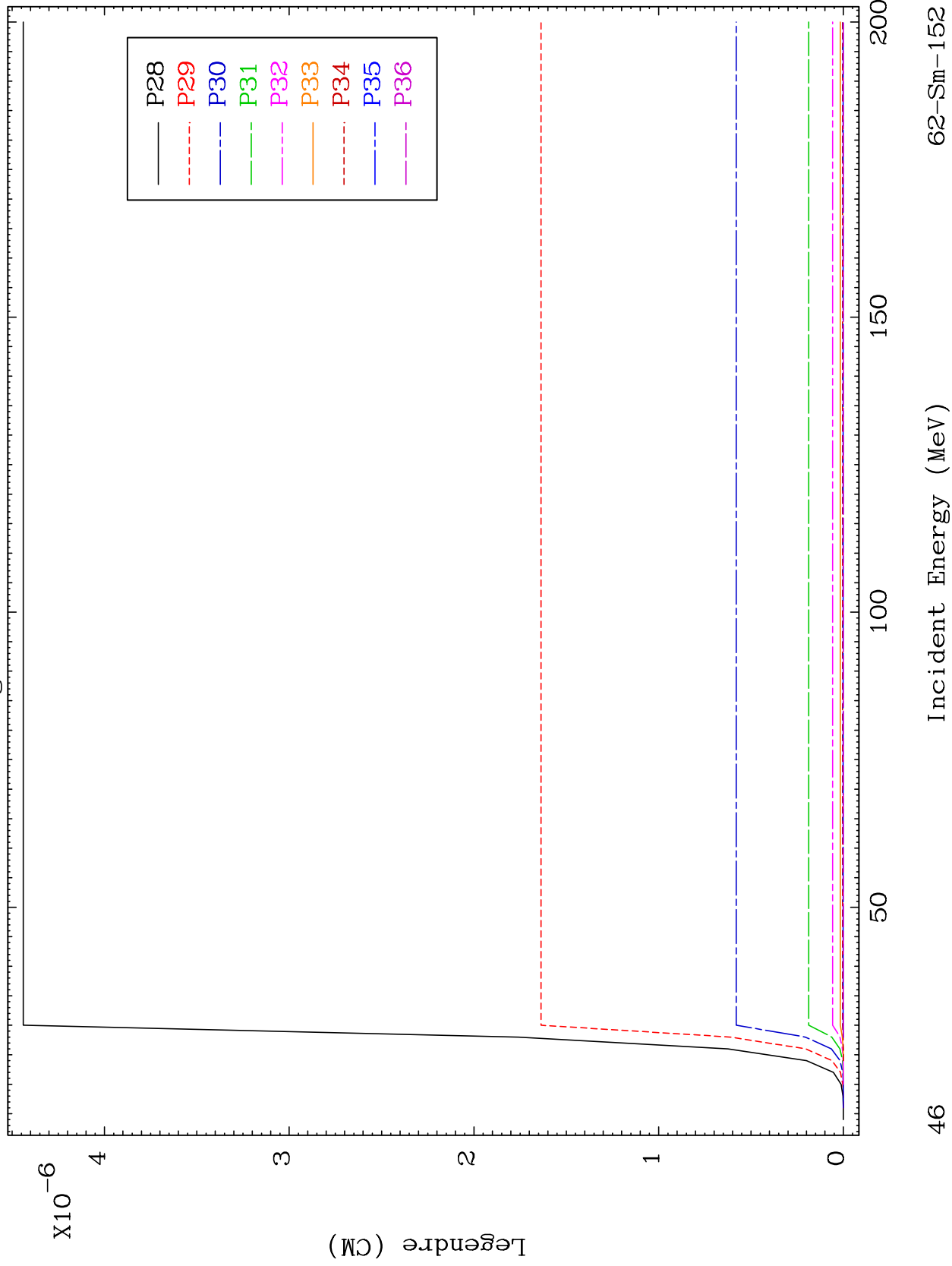
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



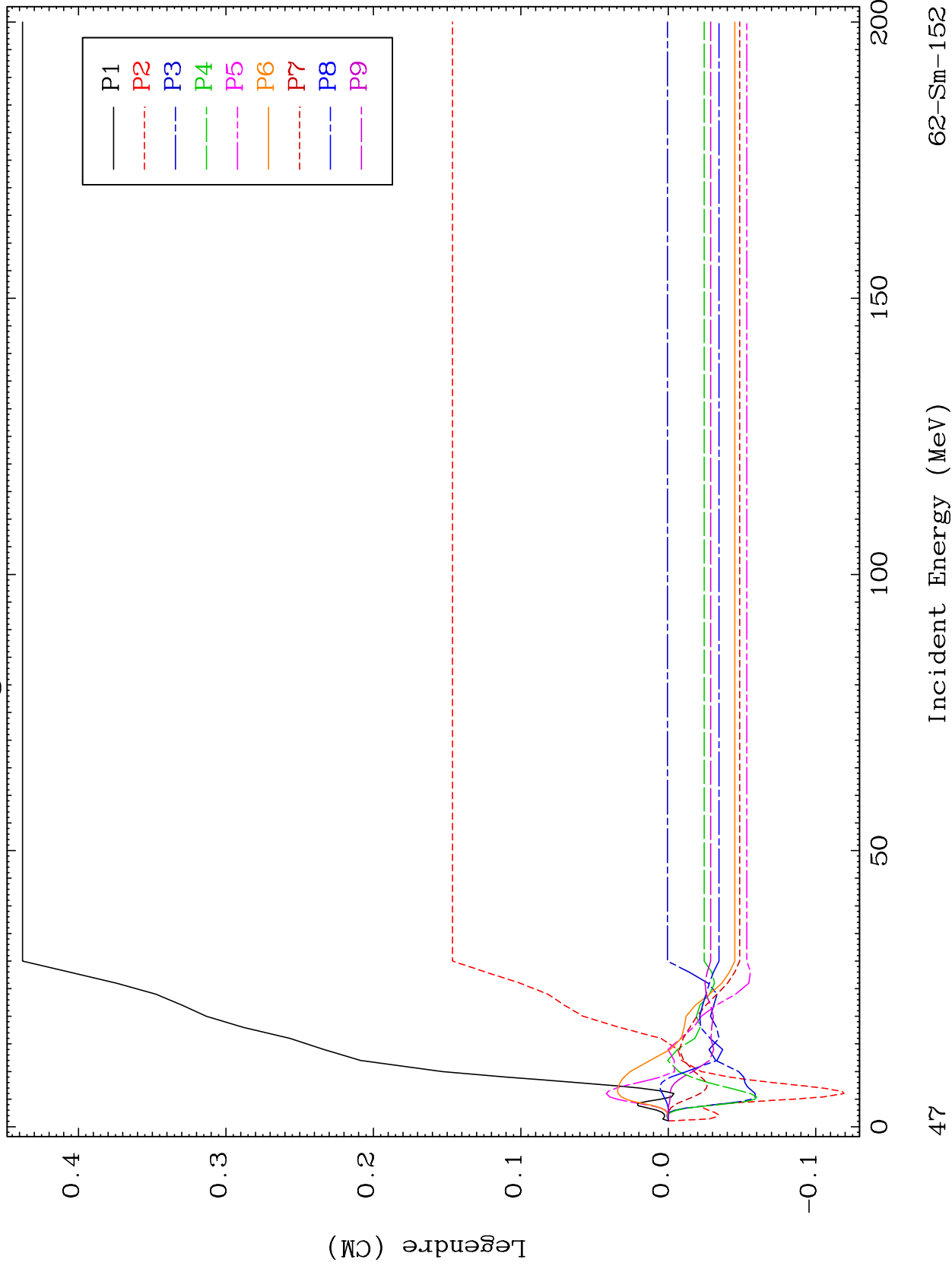
46

62-Sm-152

MAT 6249

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

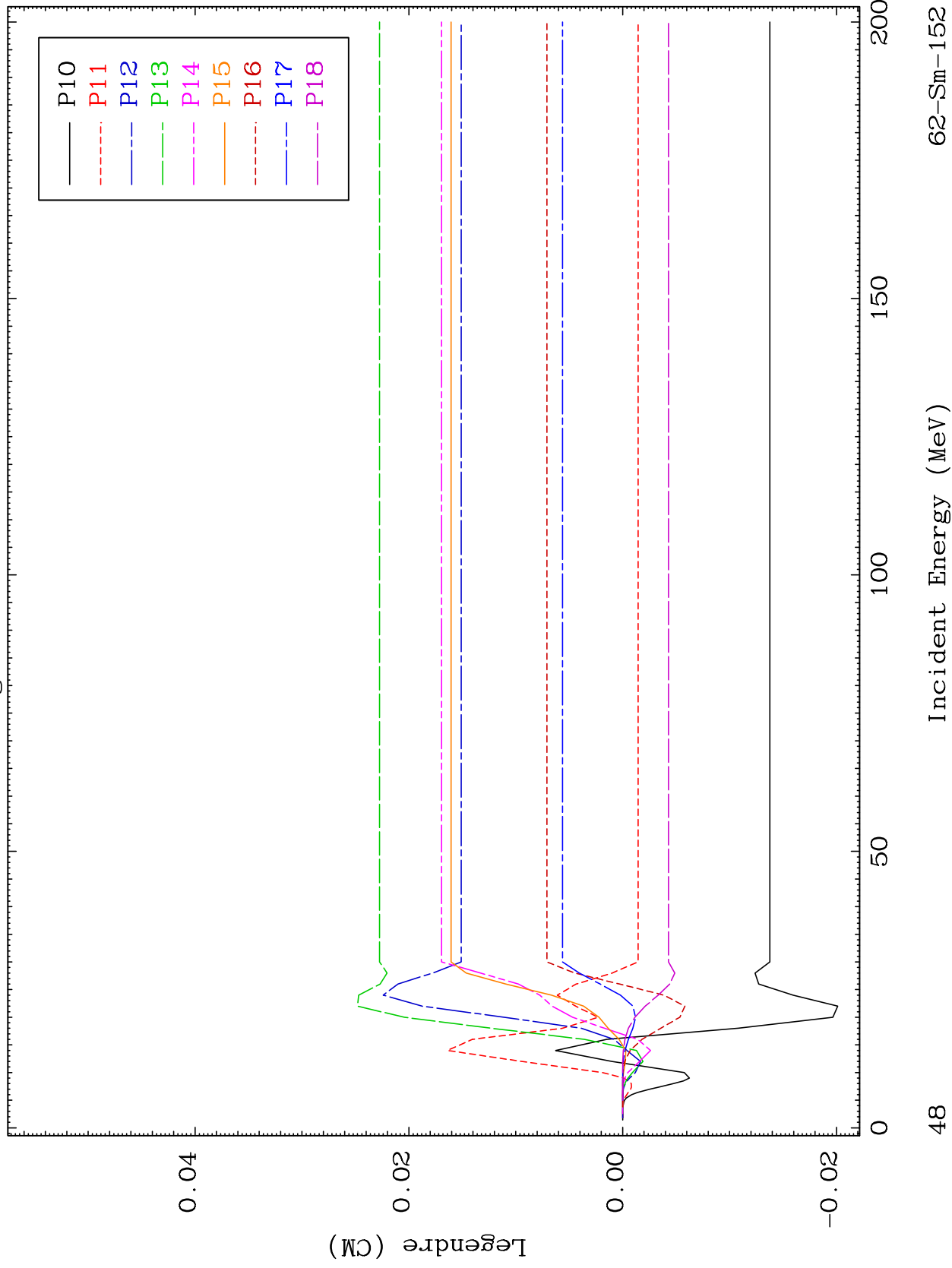
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

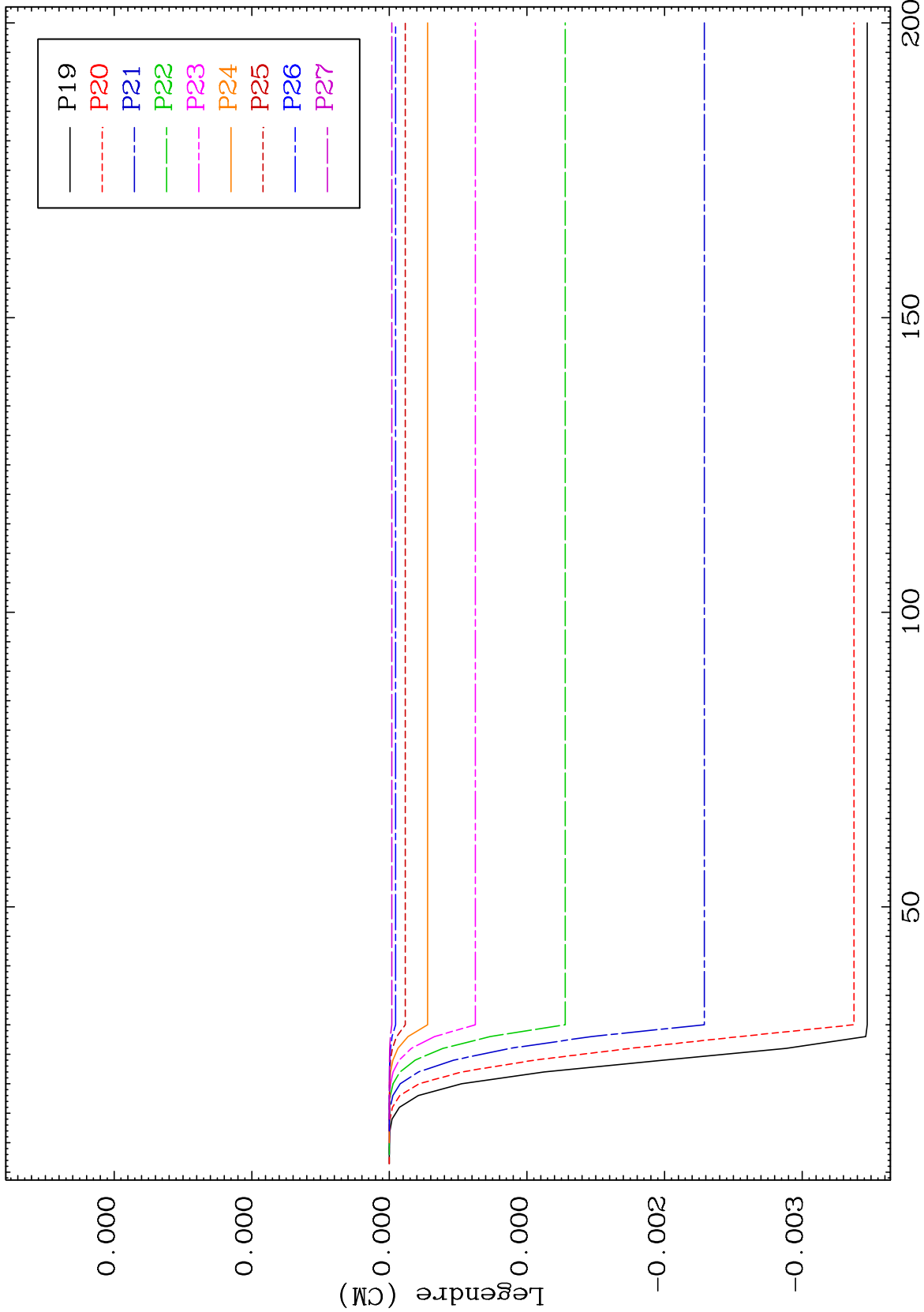
Incident Energy (MeV)

48

MAT 6249

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

62-Sm-152



49

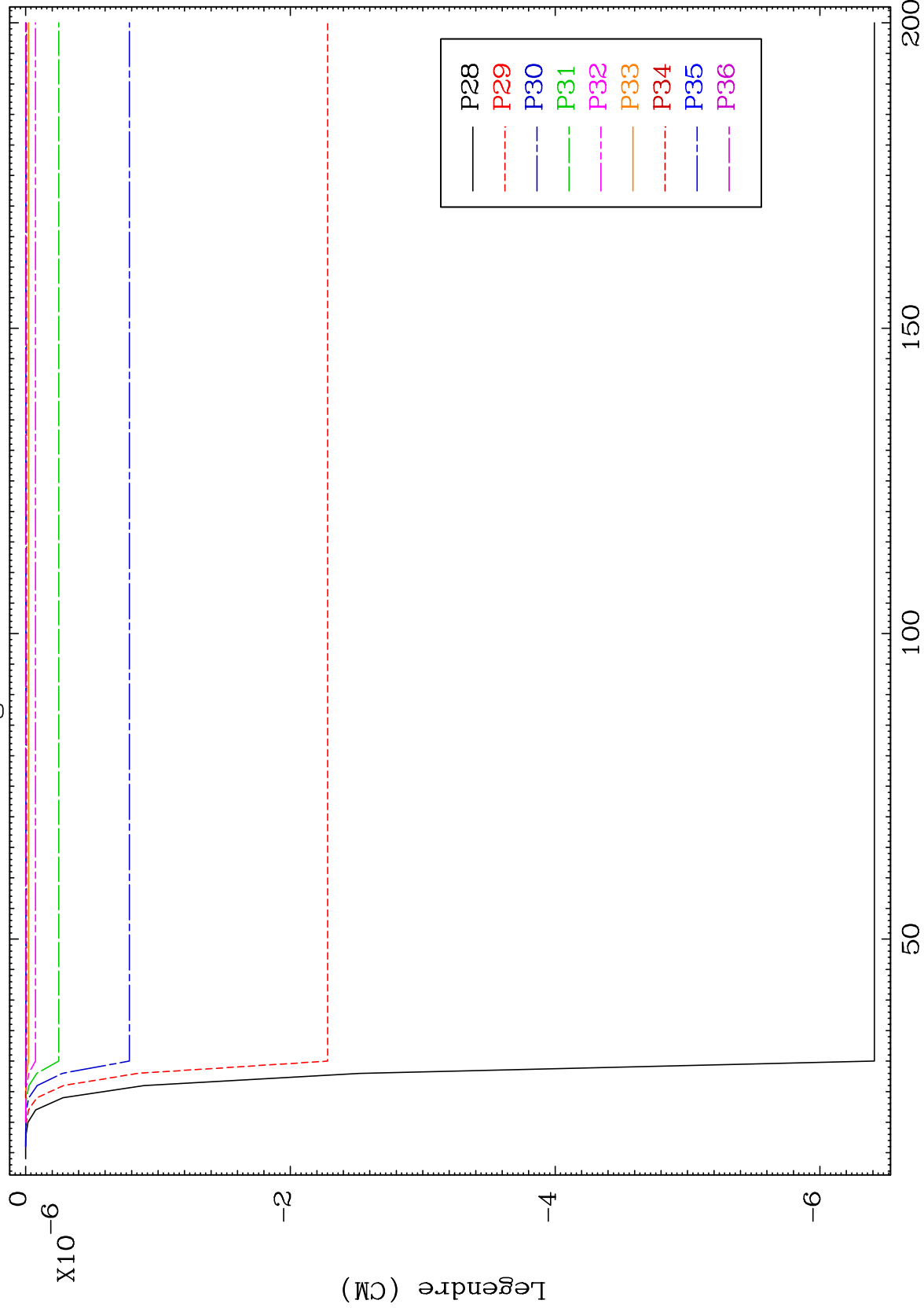
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

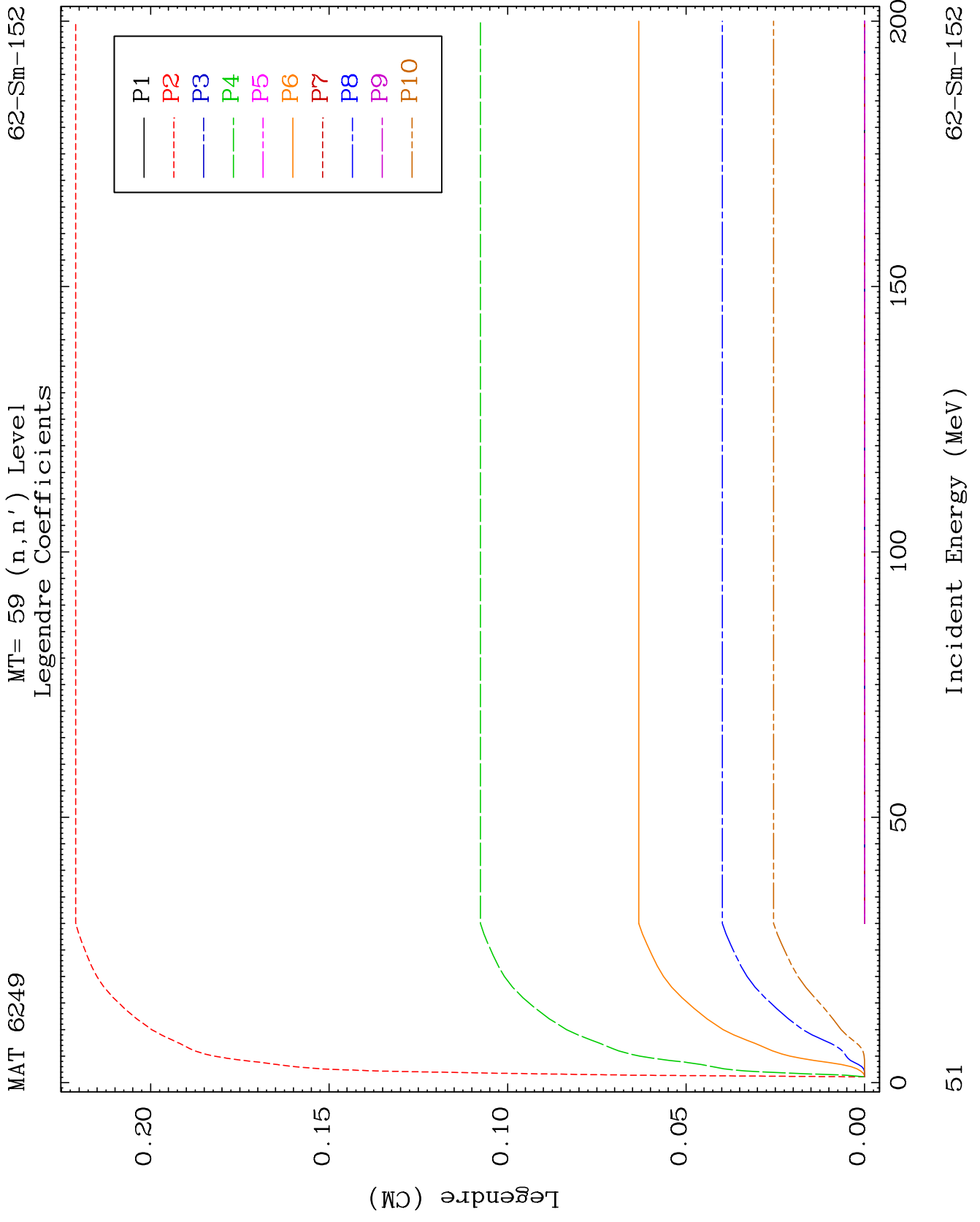
62-Sm-152



50

Incident Energy (MeV)

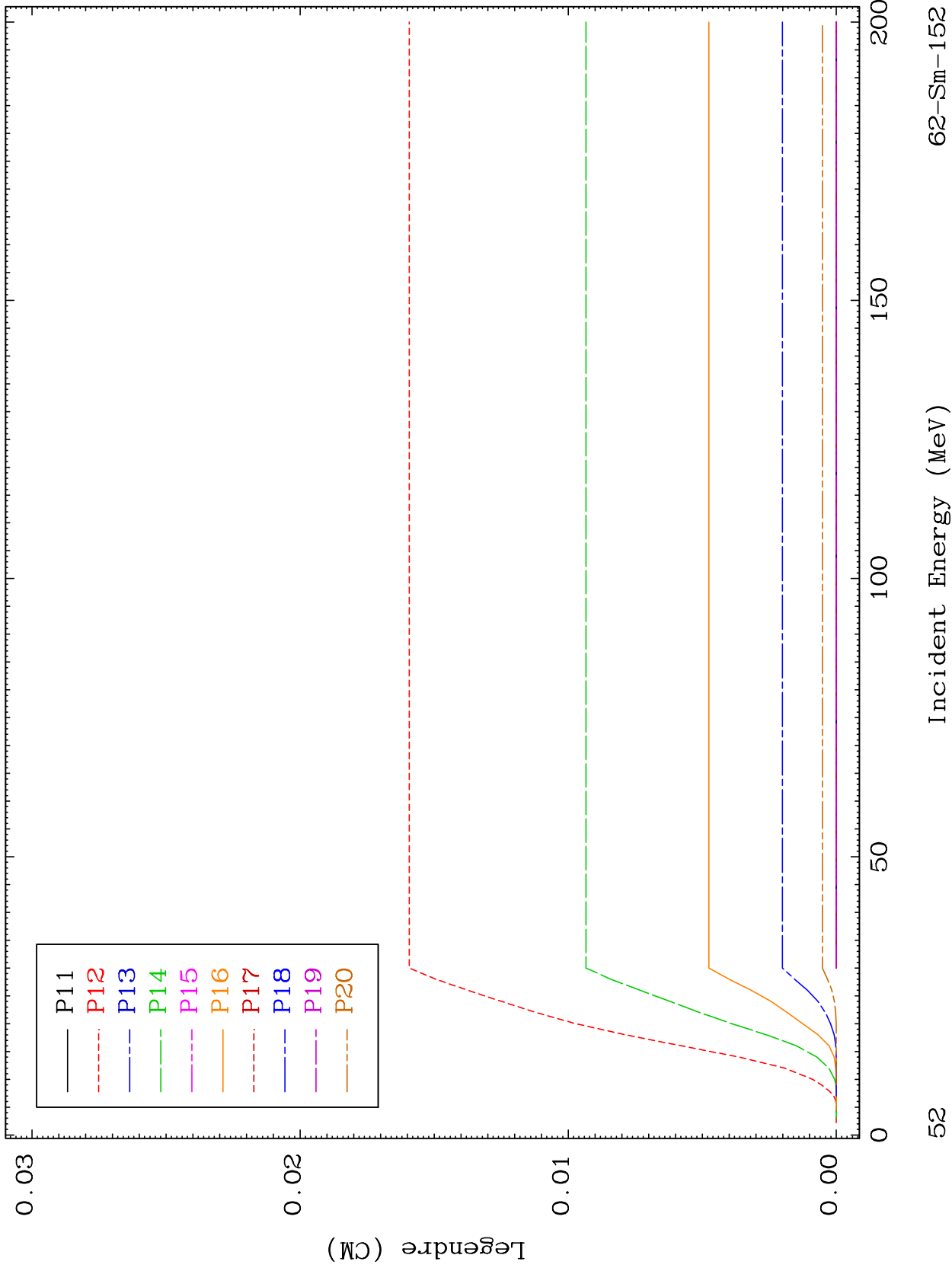
62-Sm-152



MAT 6249

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

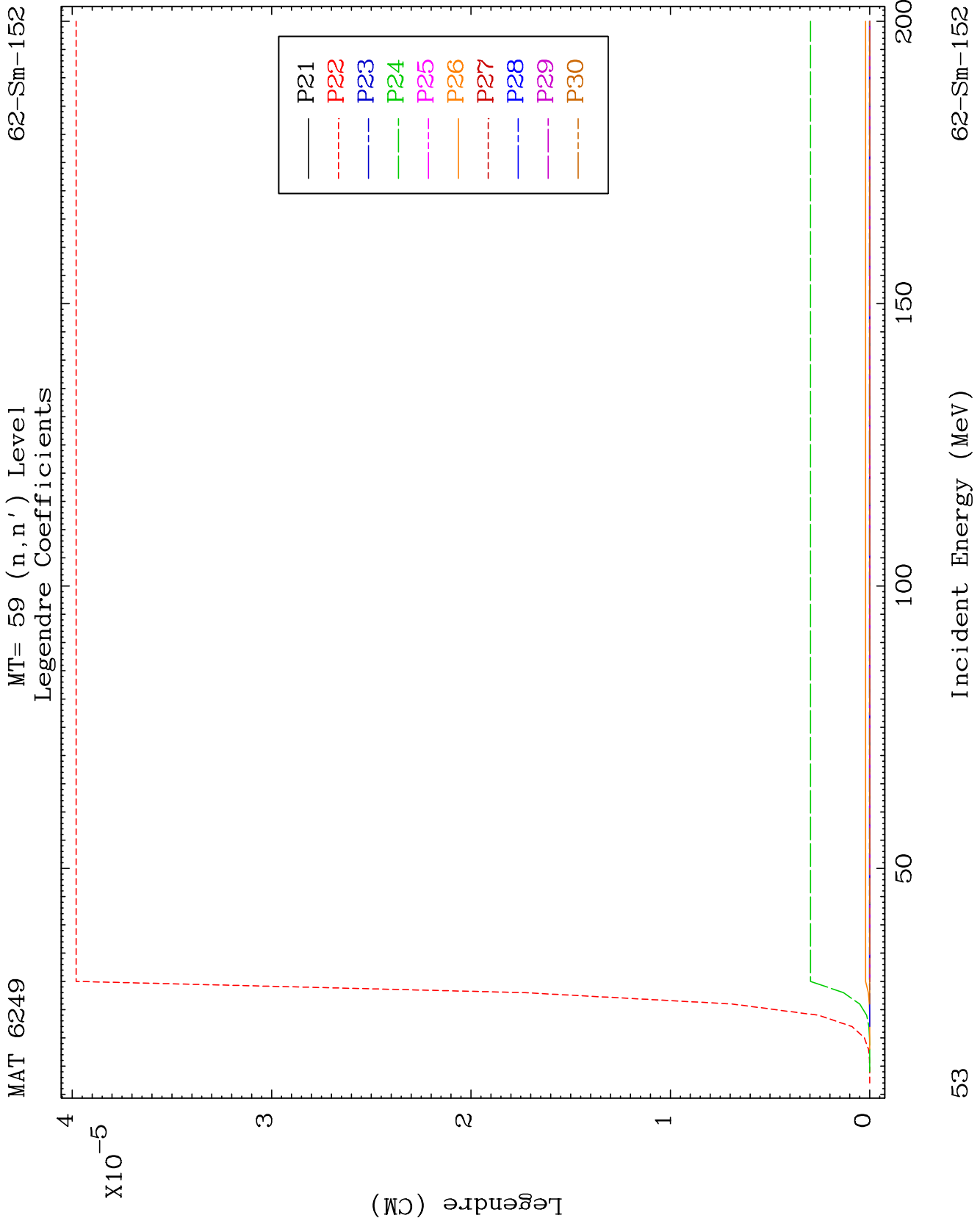
62-Sm-152



62-Sm-152

Incident Energy (MeV)

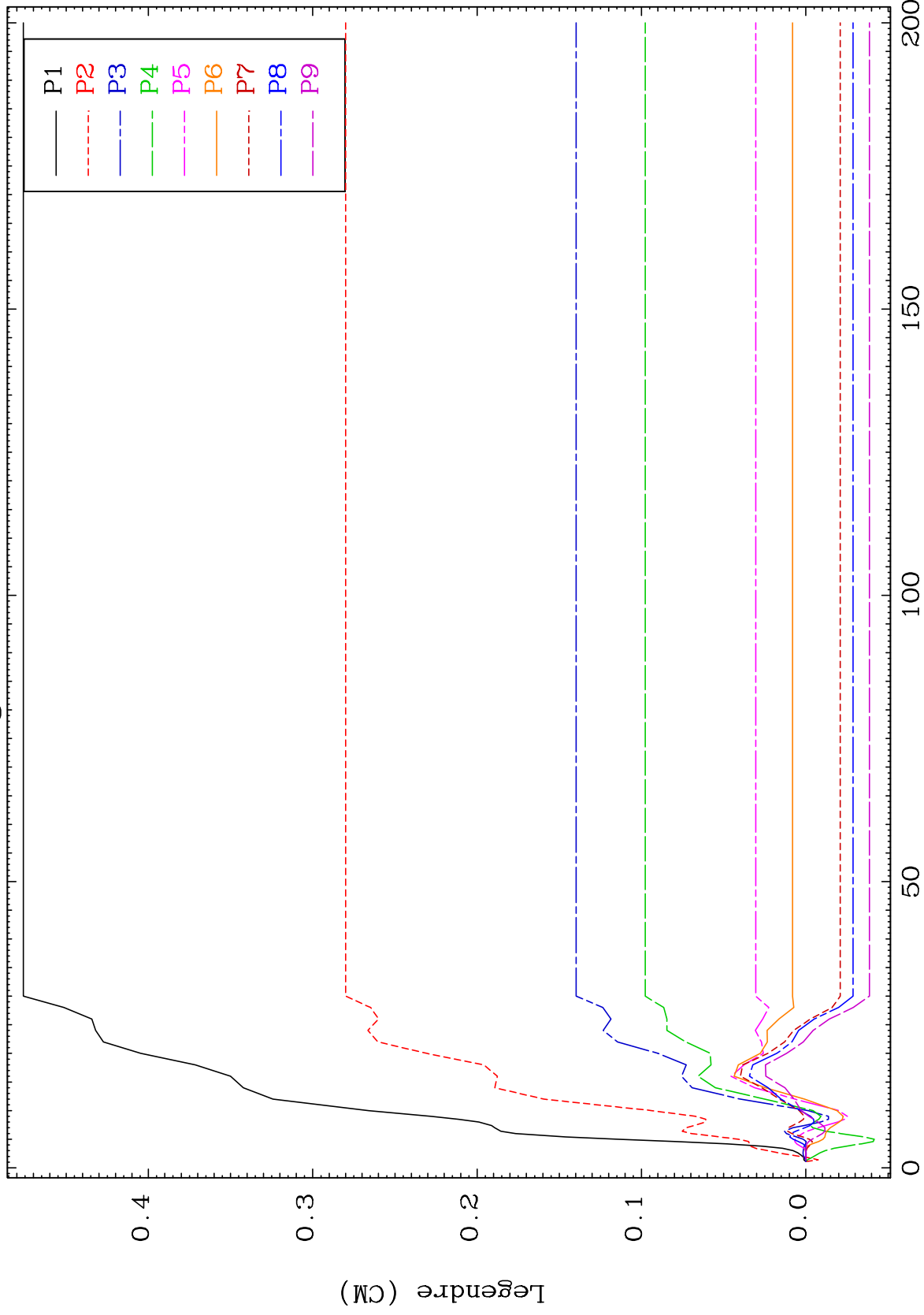
52



MAT 6249

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

62-Sm-152



54

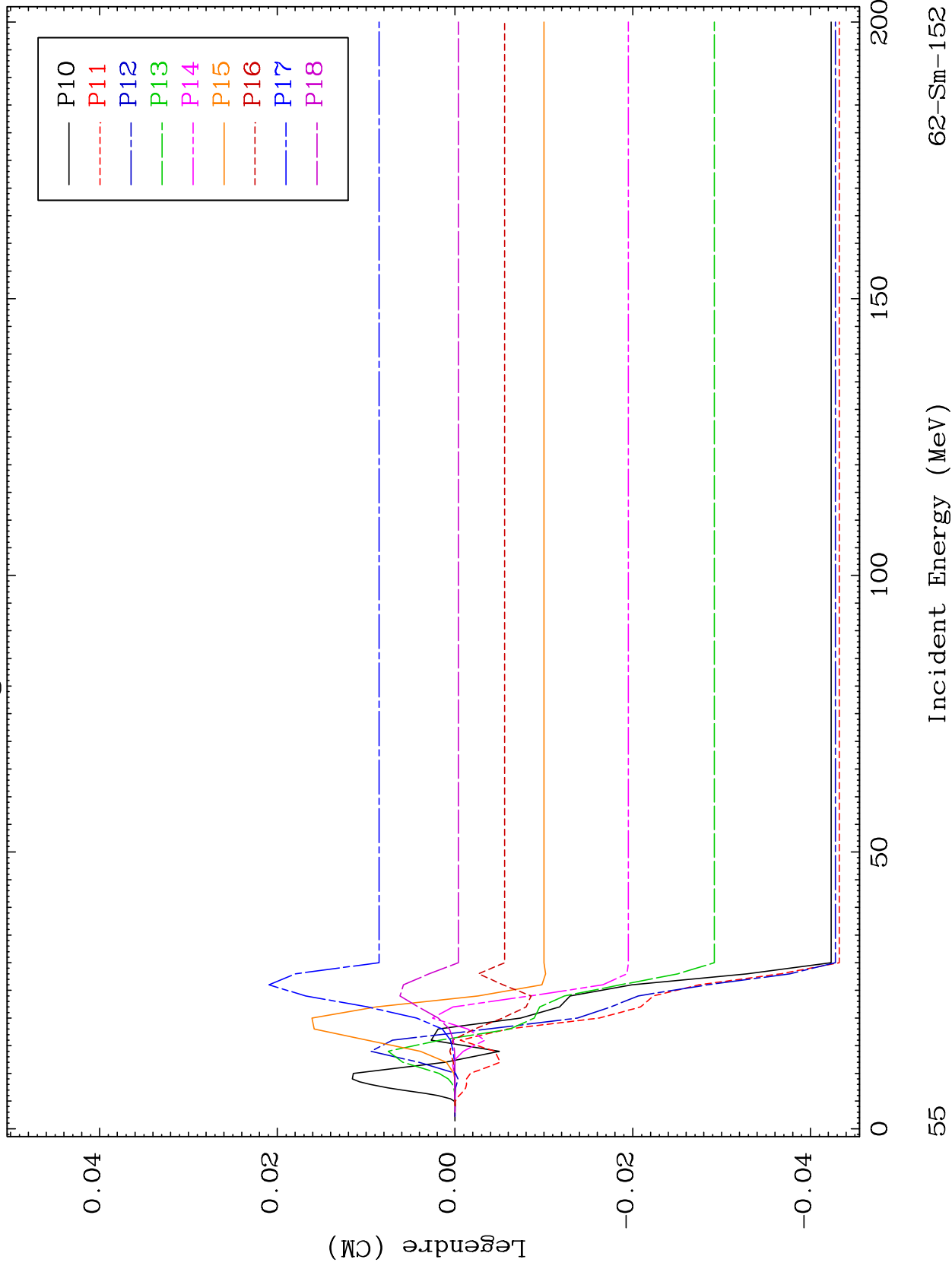
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

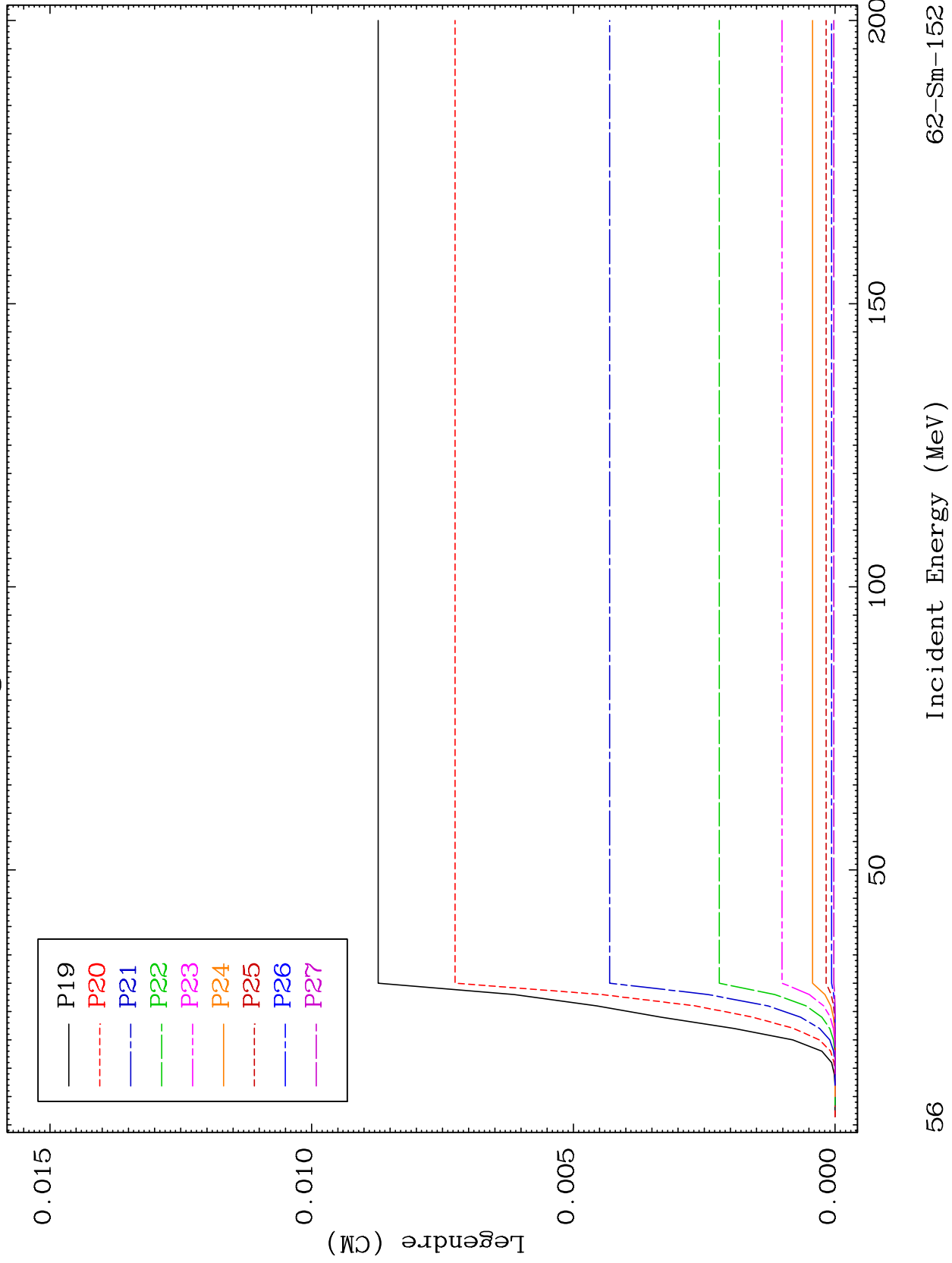
Incident Energy (MeV)

55

MAT 6249

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

62-Sm-152



56

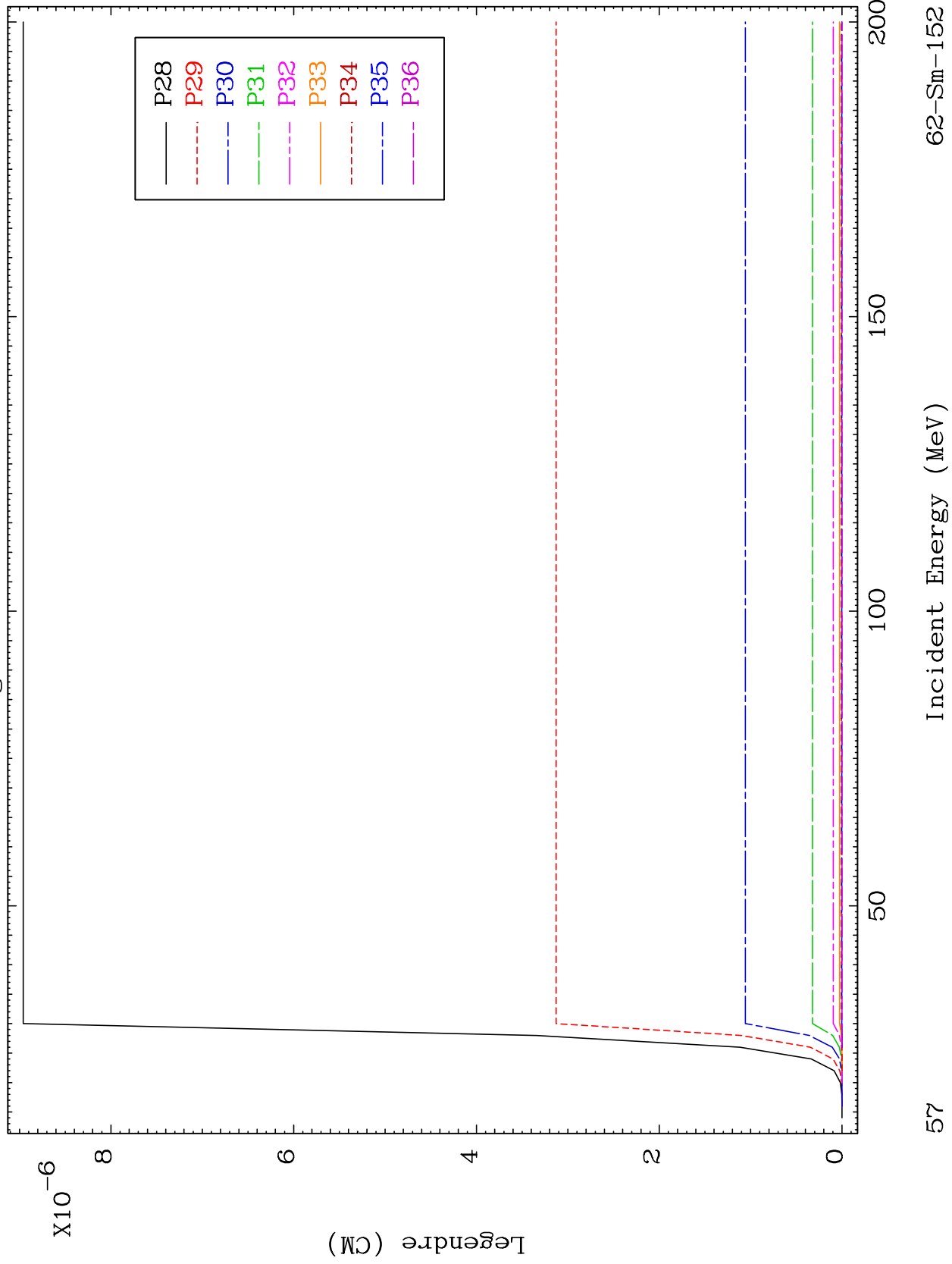
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

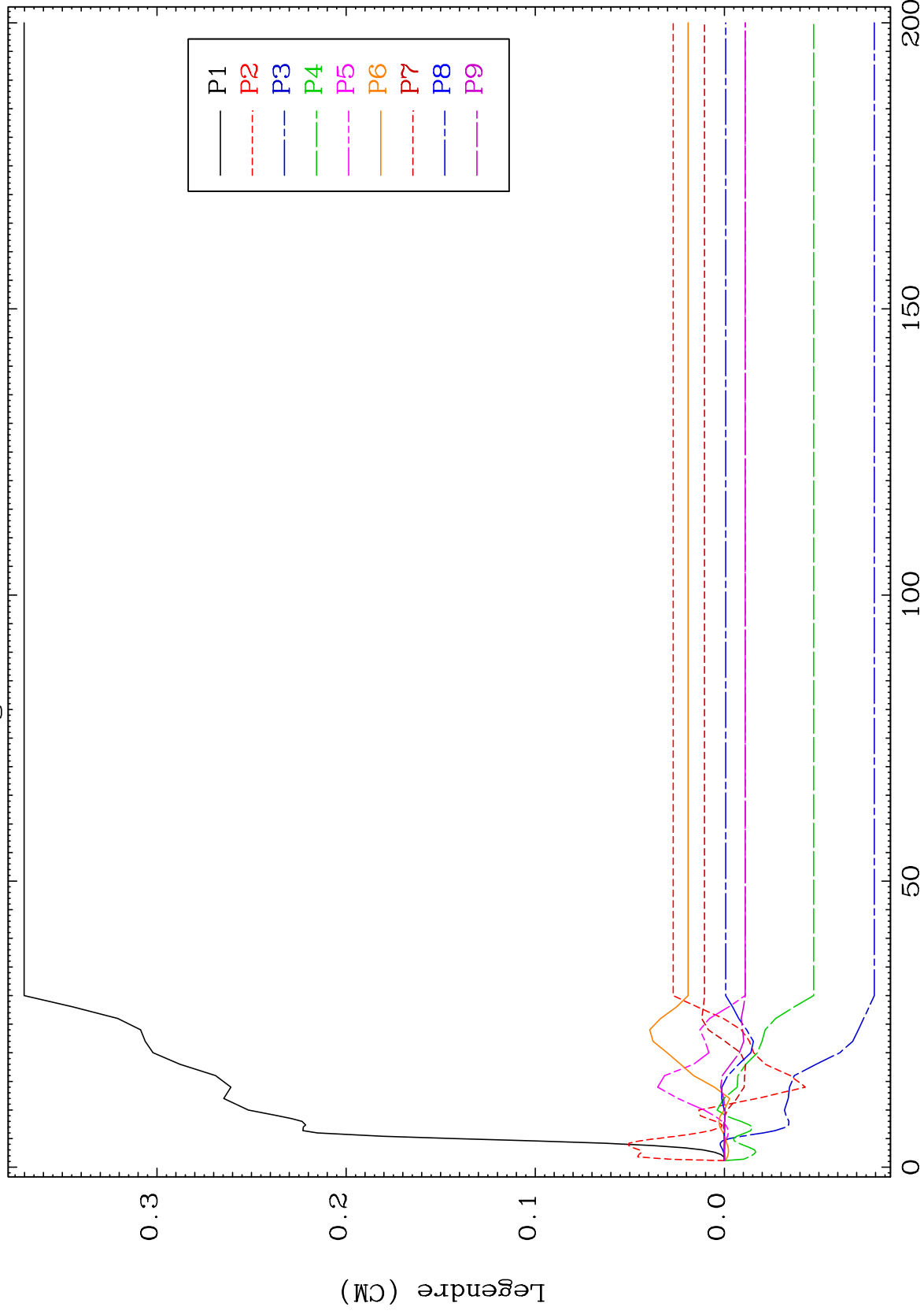
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

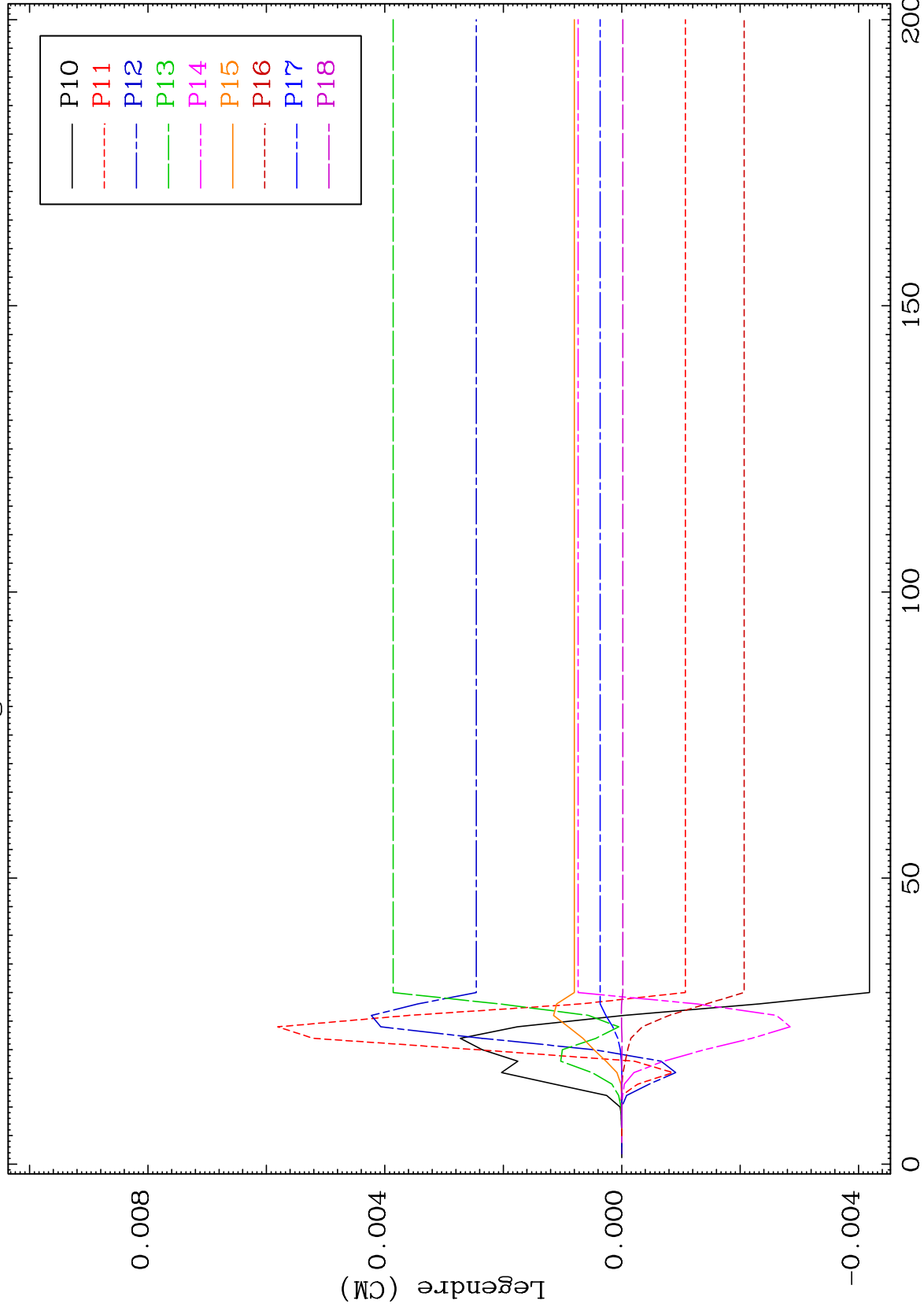
Incident Energy (MeV)

58

MAT 6249

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

62-Sm-152



59

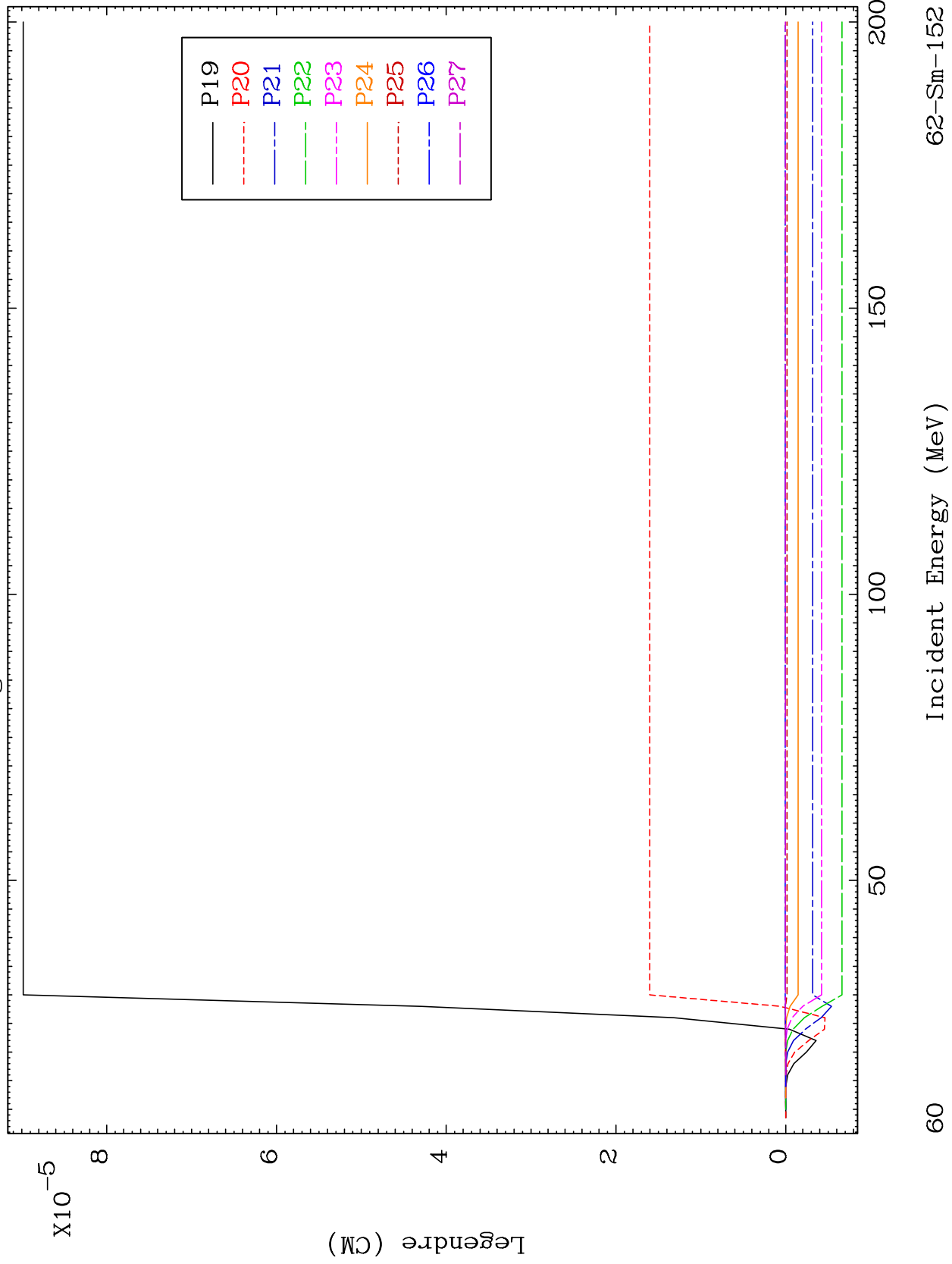
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



60

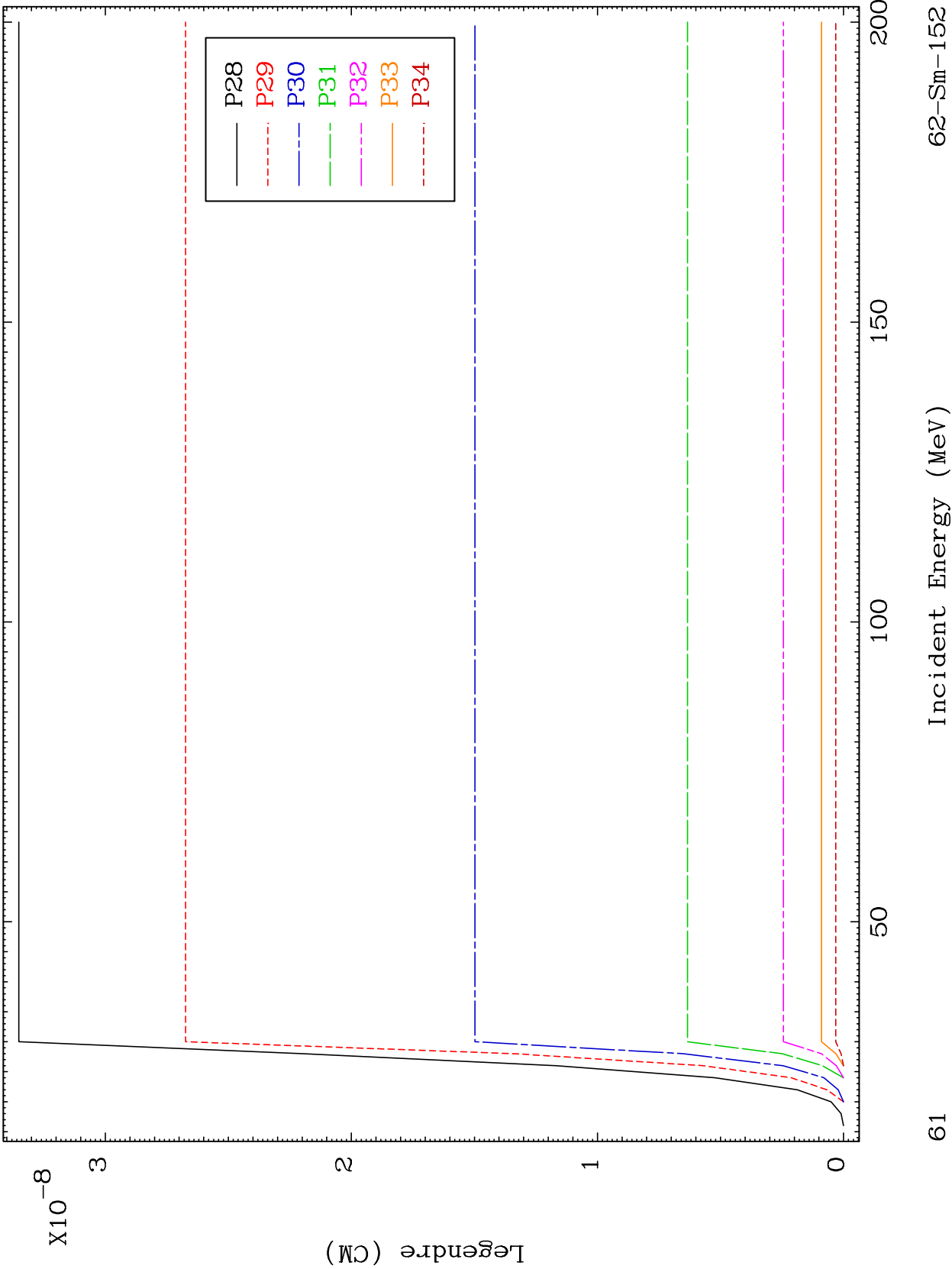
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



61

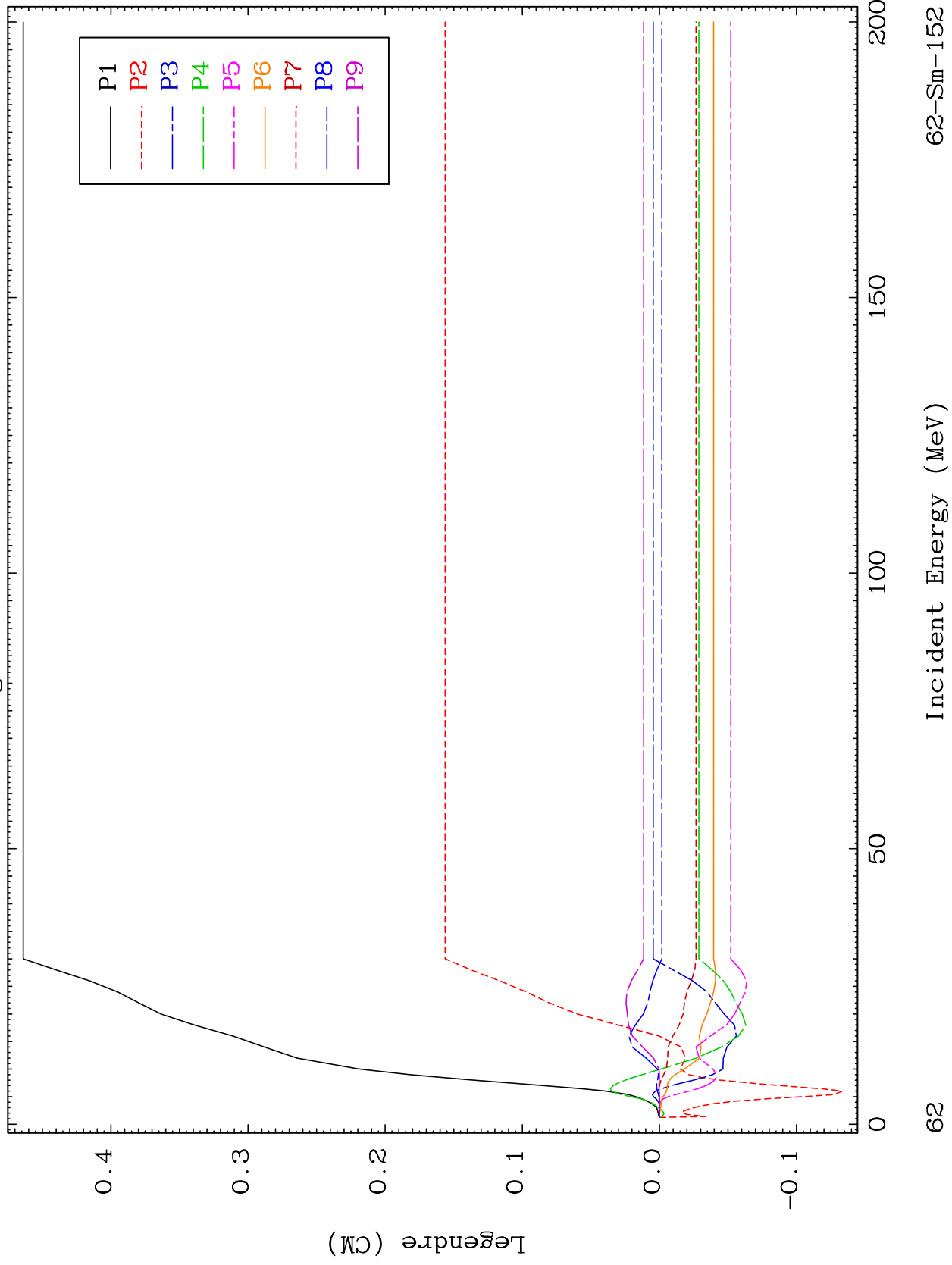
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

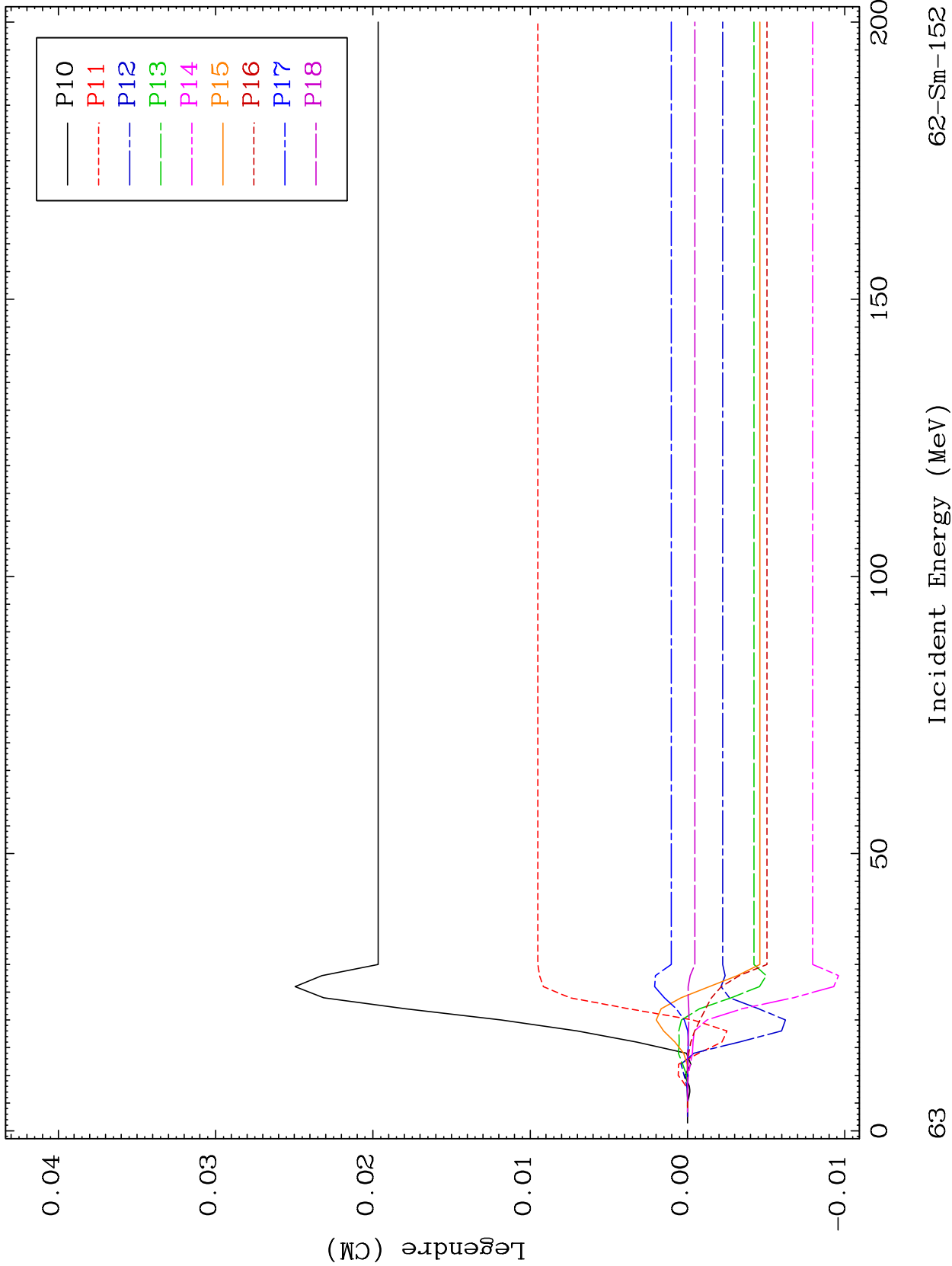
Incident Energy (MeV)

62

MAT 6249

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

62-Sm-152



63

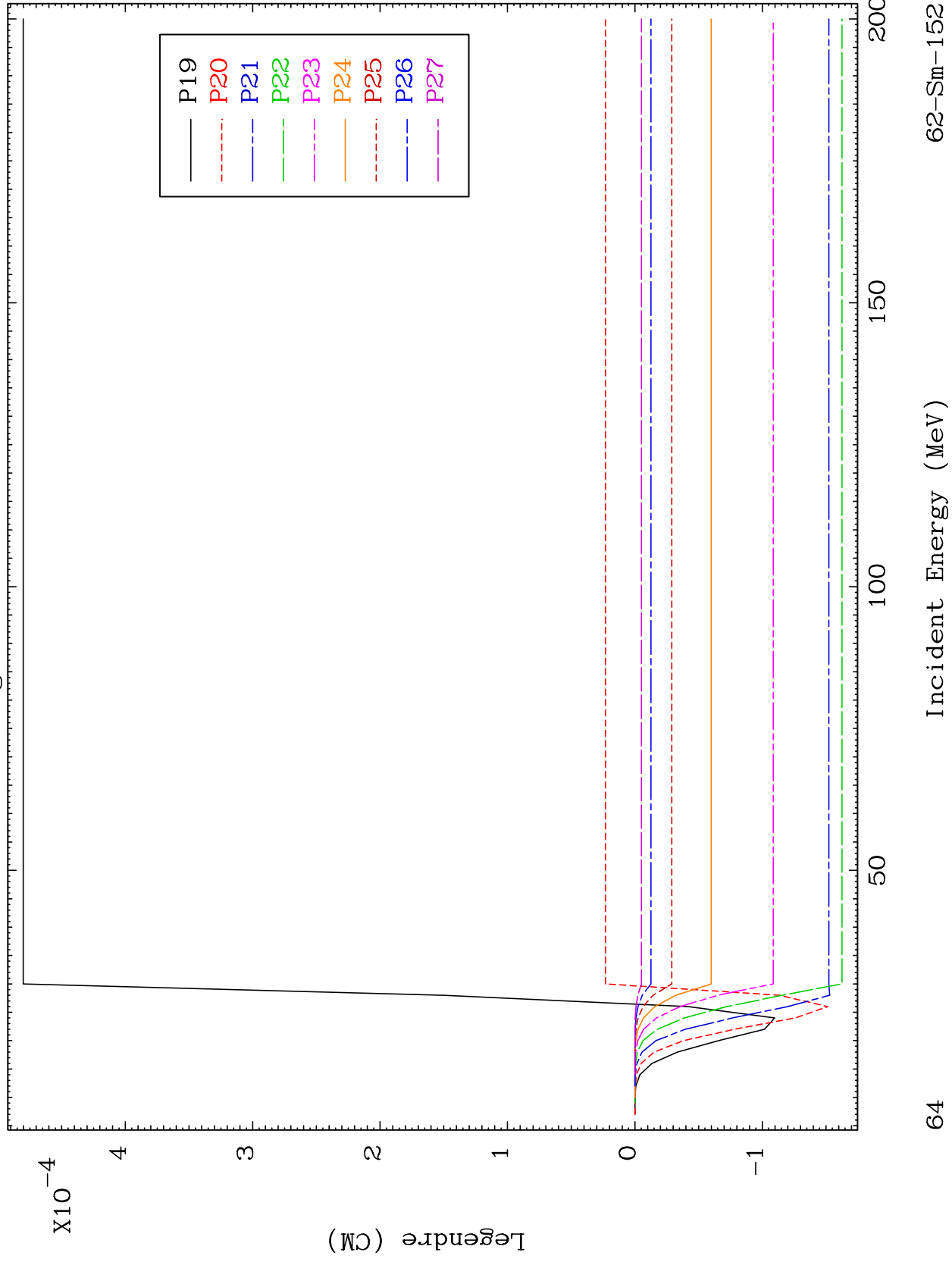
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

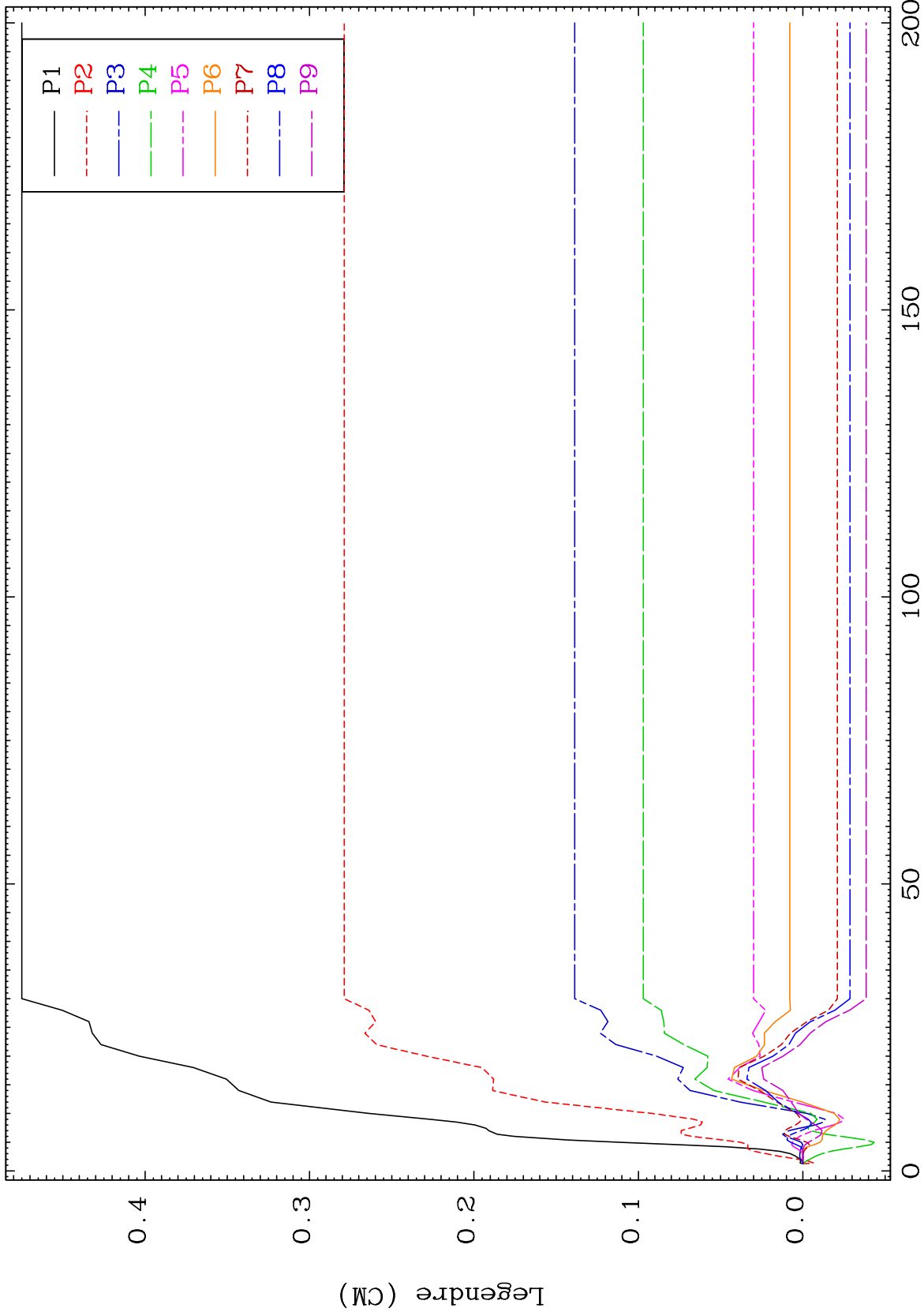
62-Sm-152



MAT 6249

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

62-Sm-152



66

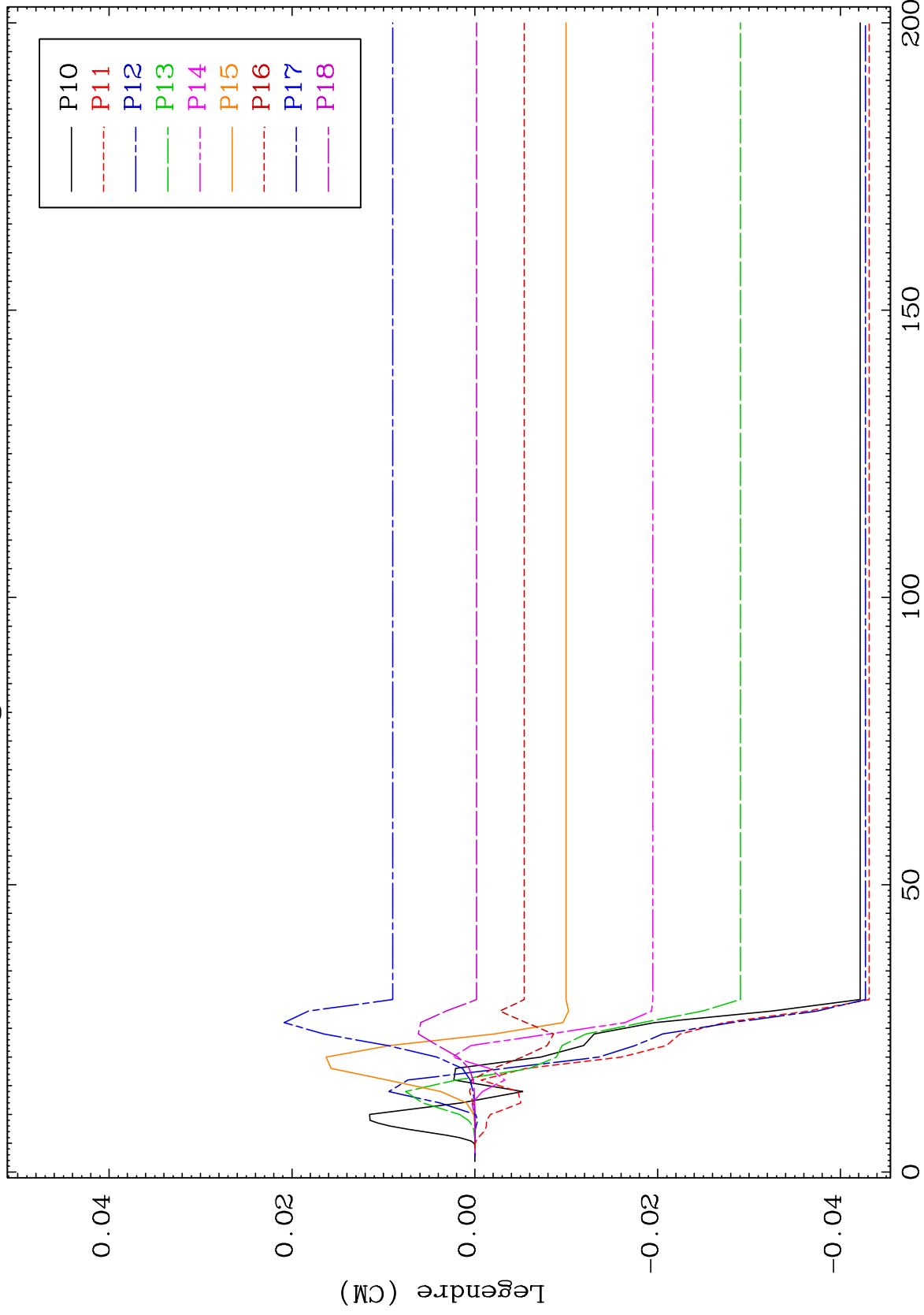
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



67

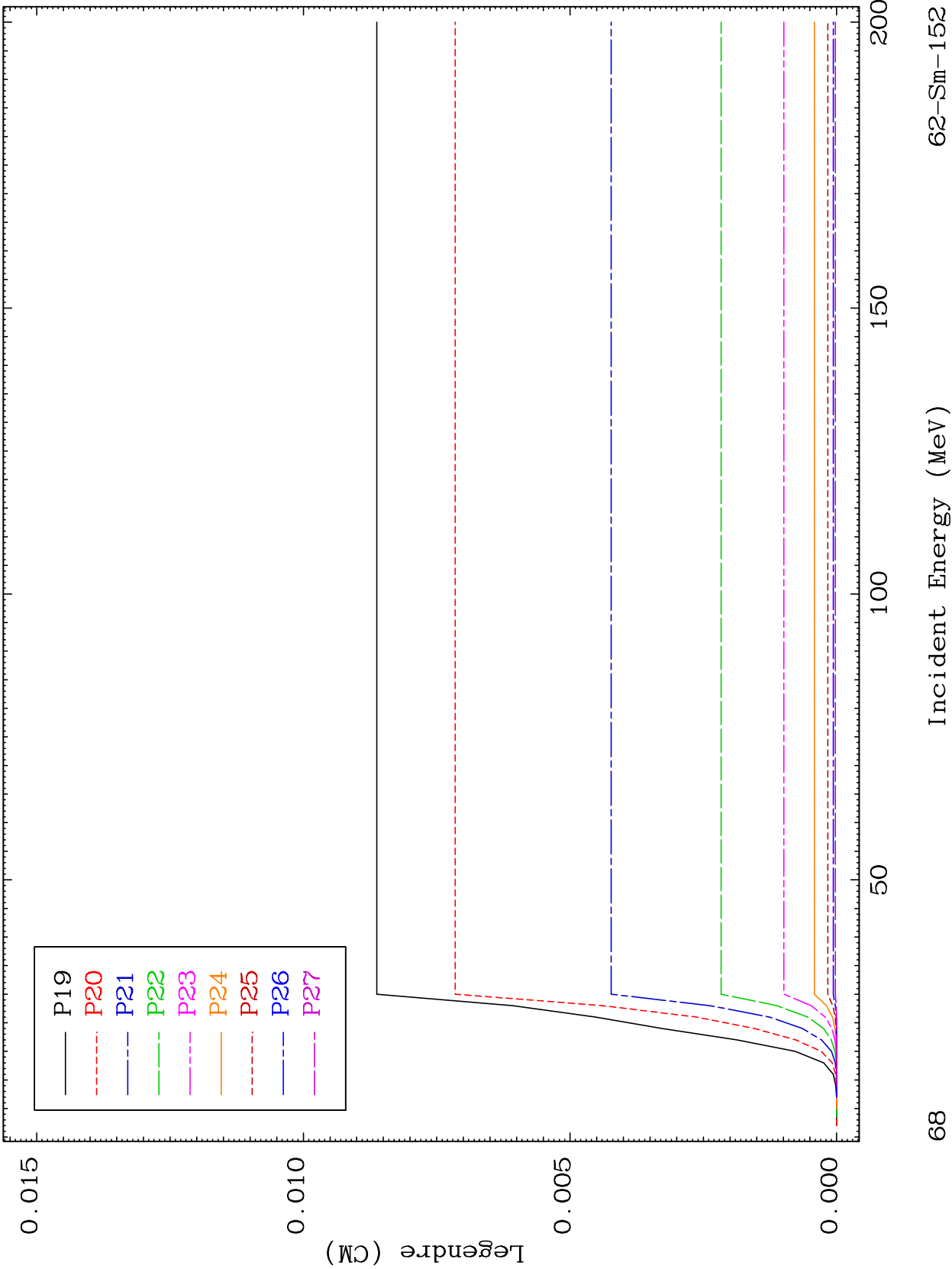
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



68

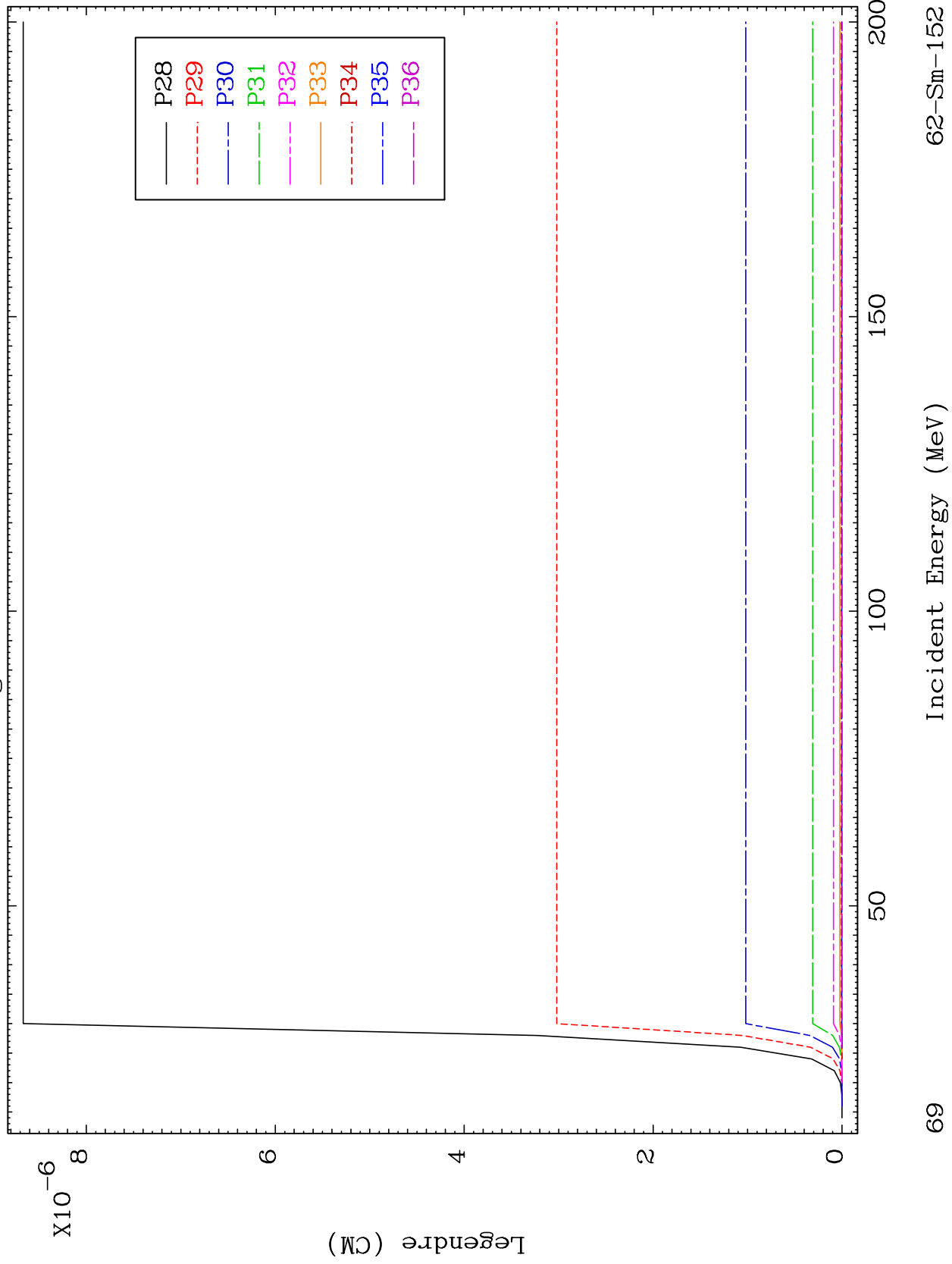
Incident Energy (MeV)

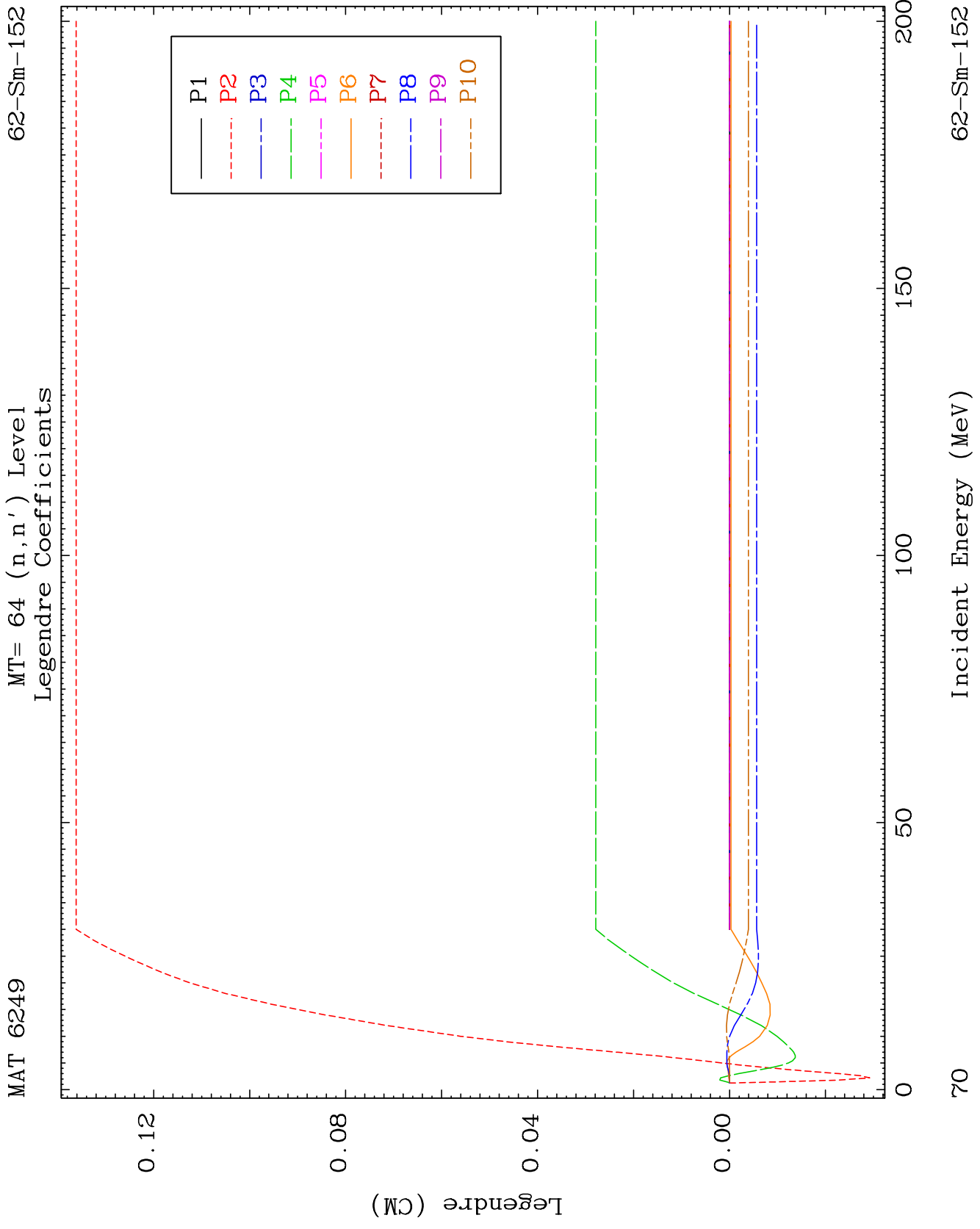
62-Sm-152

MAT 6249

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

62-Sm-152

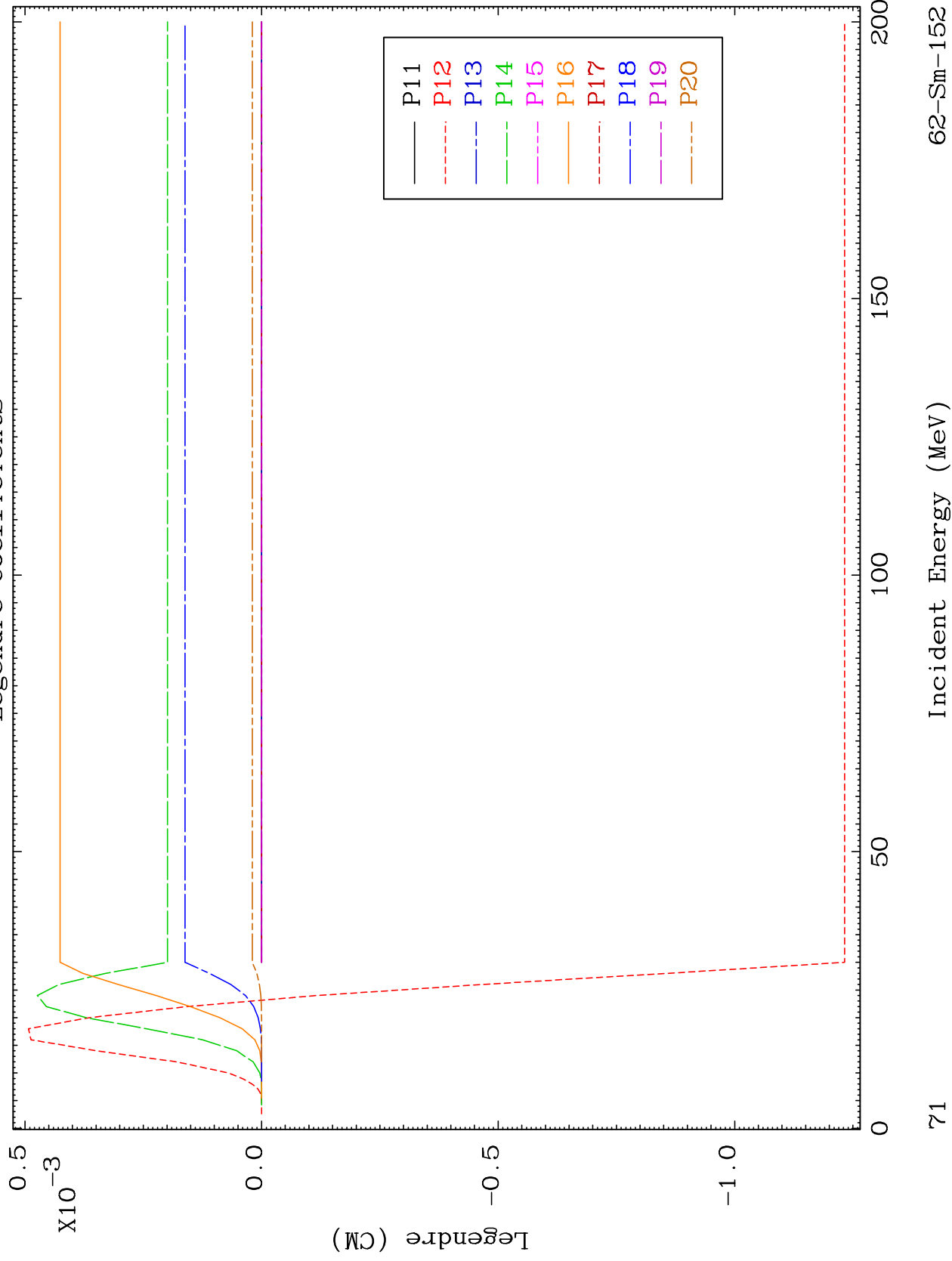




MAT 6249

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

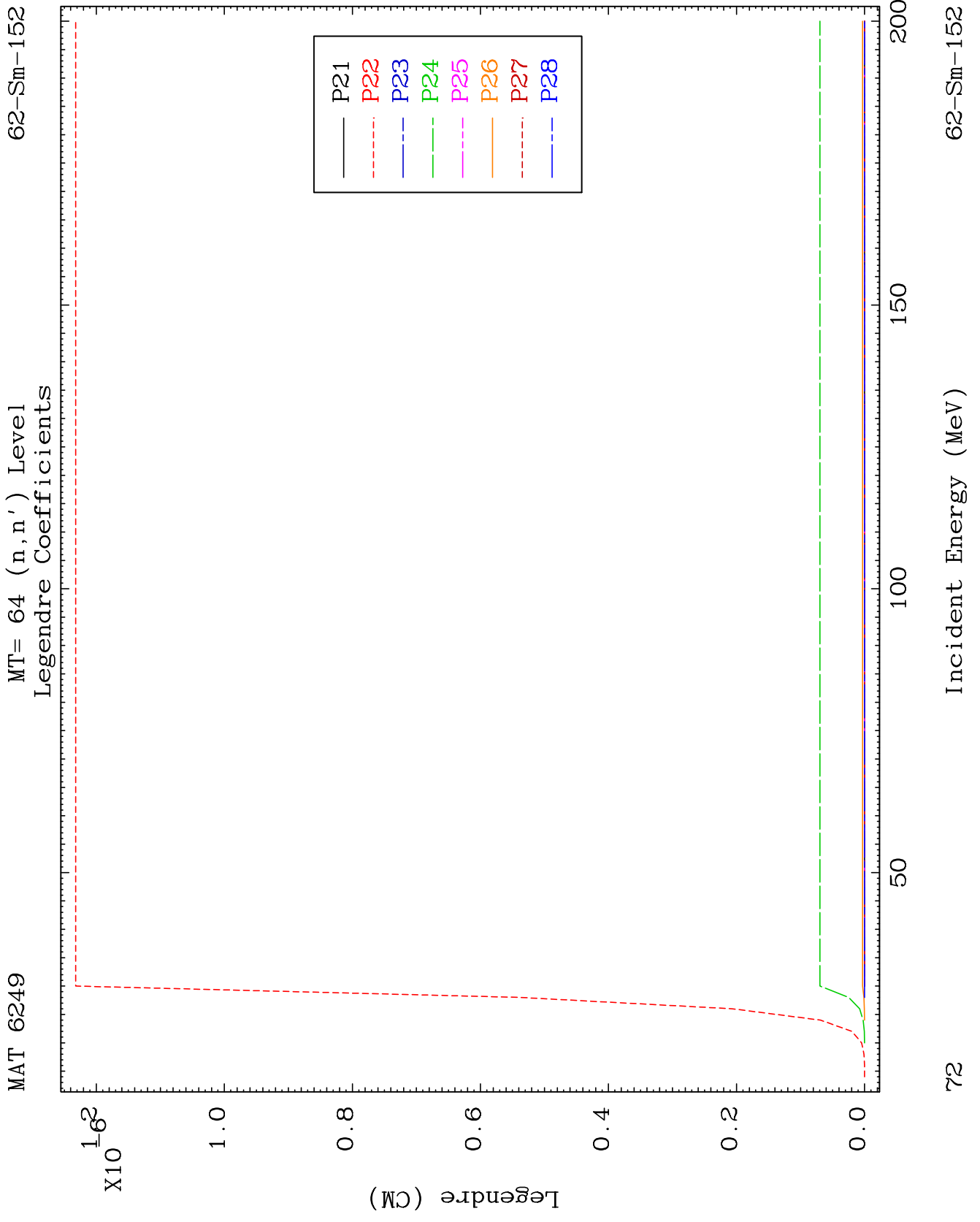
62-Sm-152

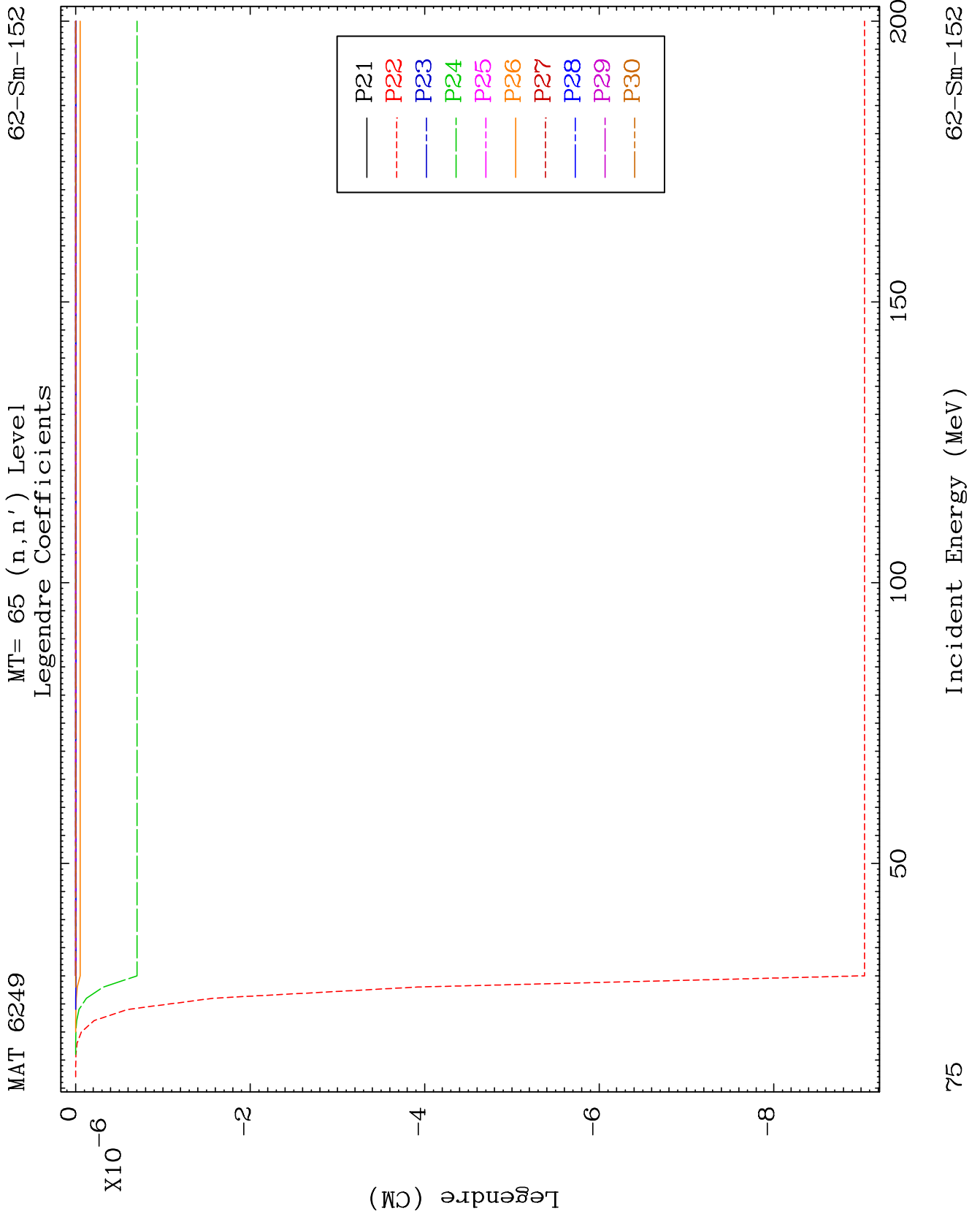


71

Incident Energy (MeV)

62-Sm-152

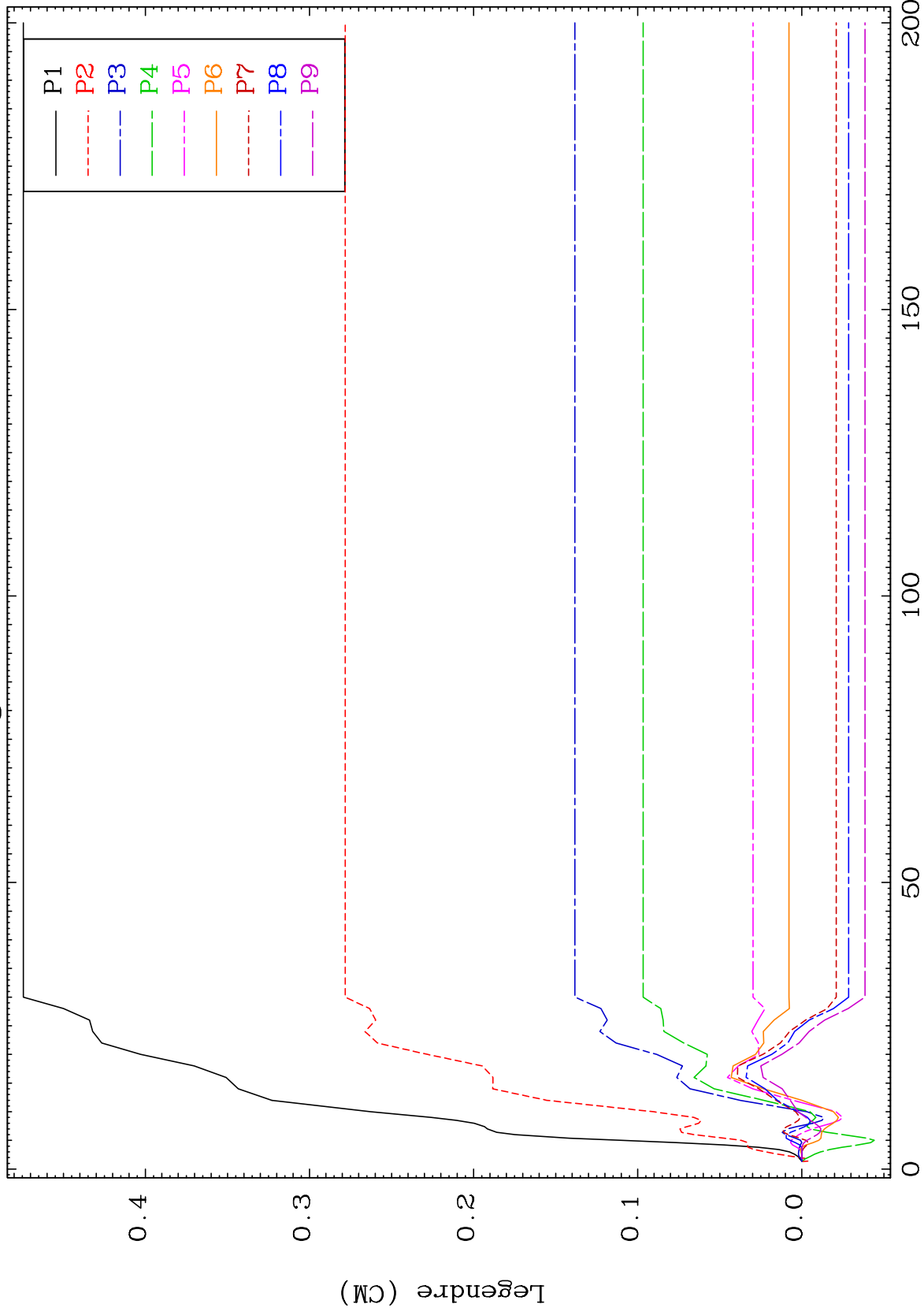




MAT 6249

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

62-Sm-152



76

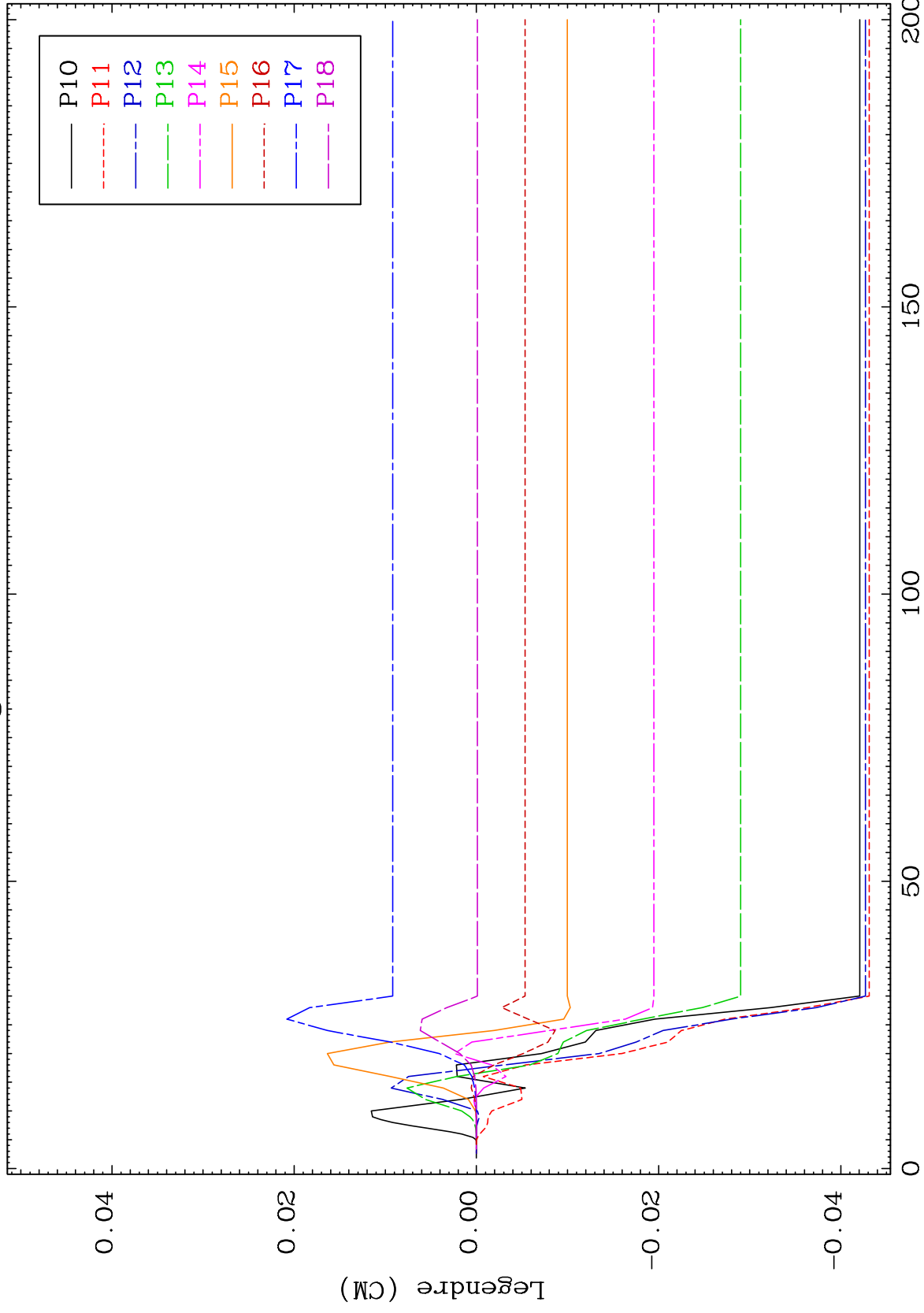
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



77

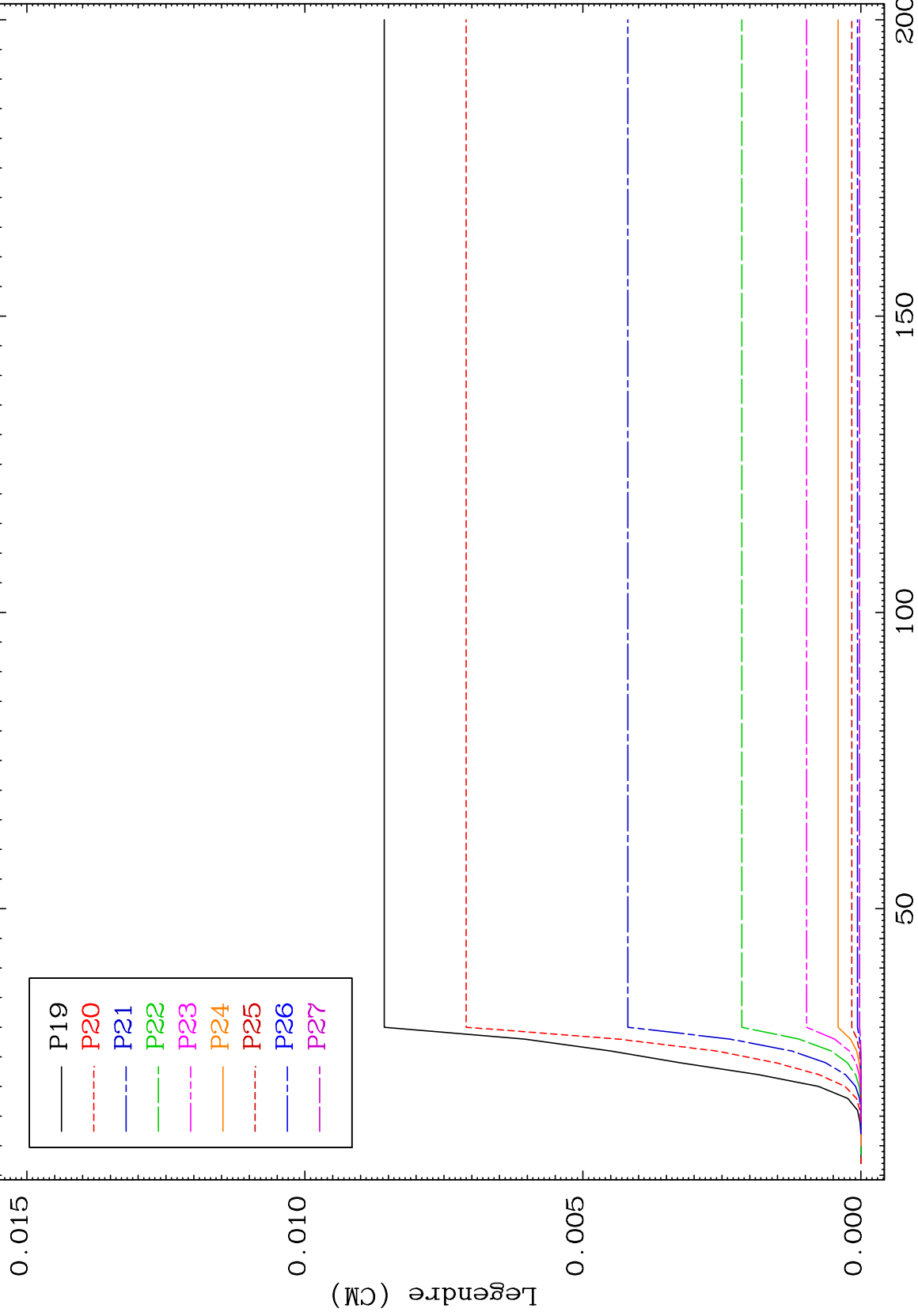
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



78

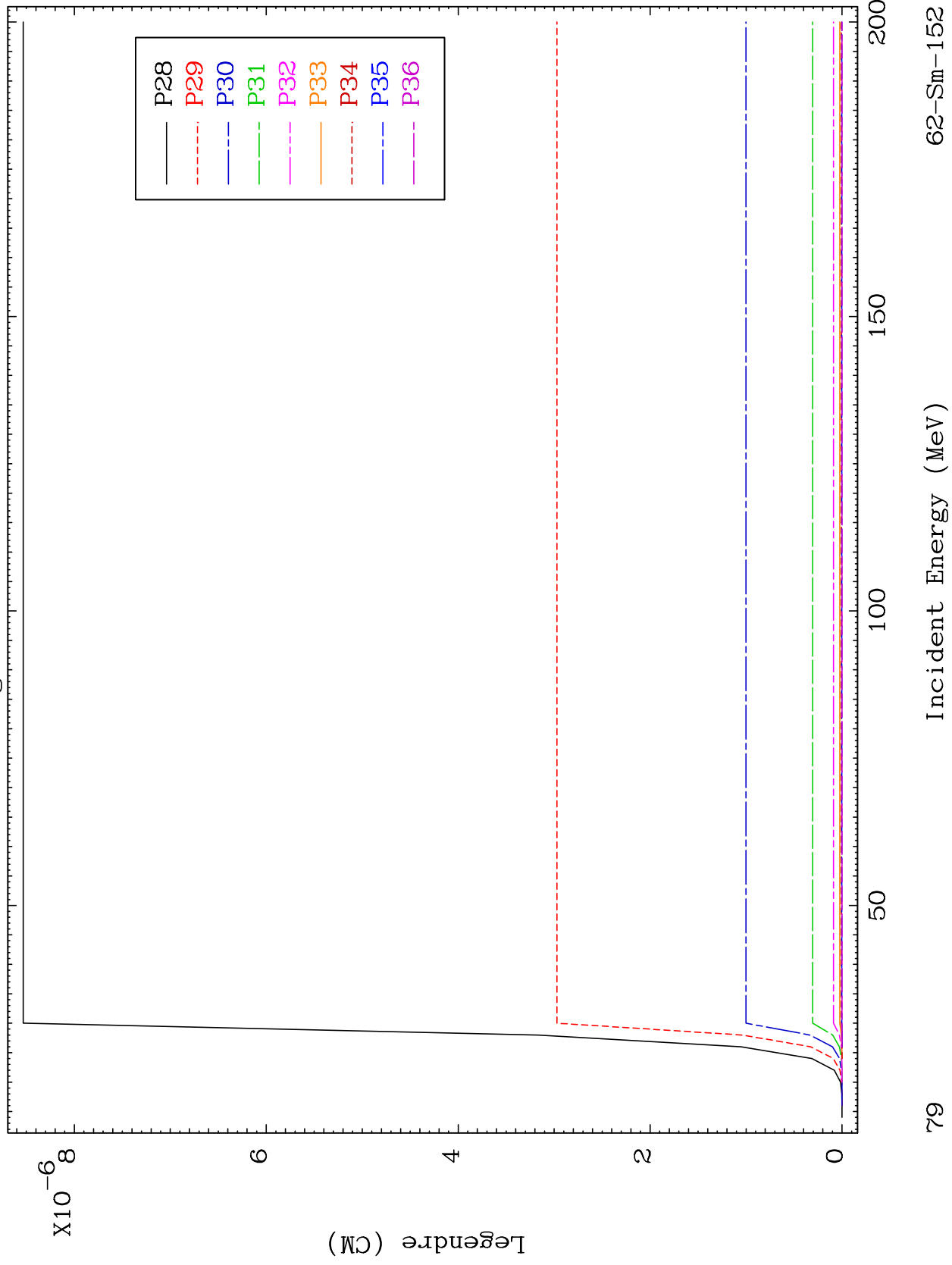
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

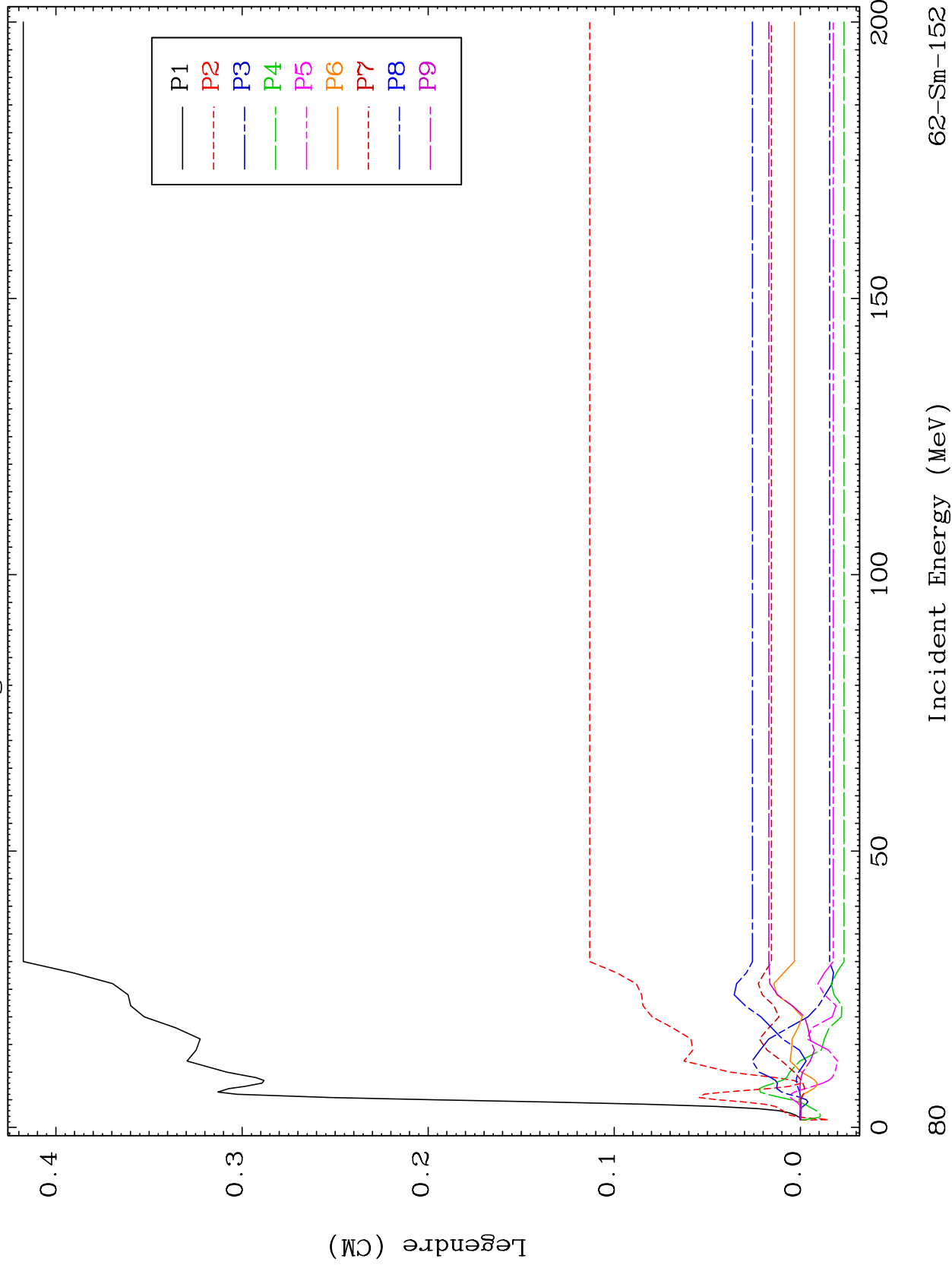
62-Sm-152



MAT 6249

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

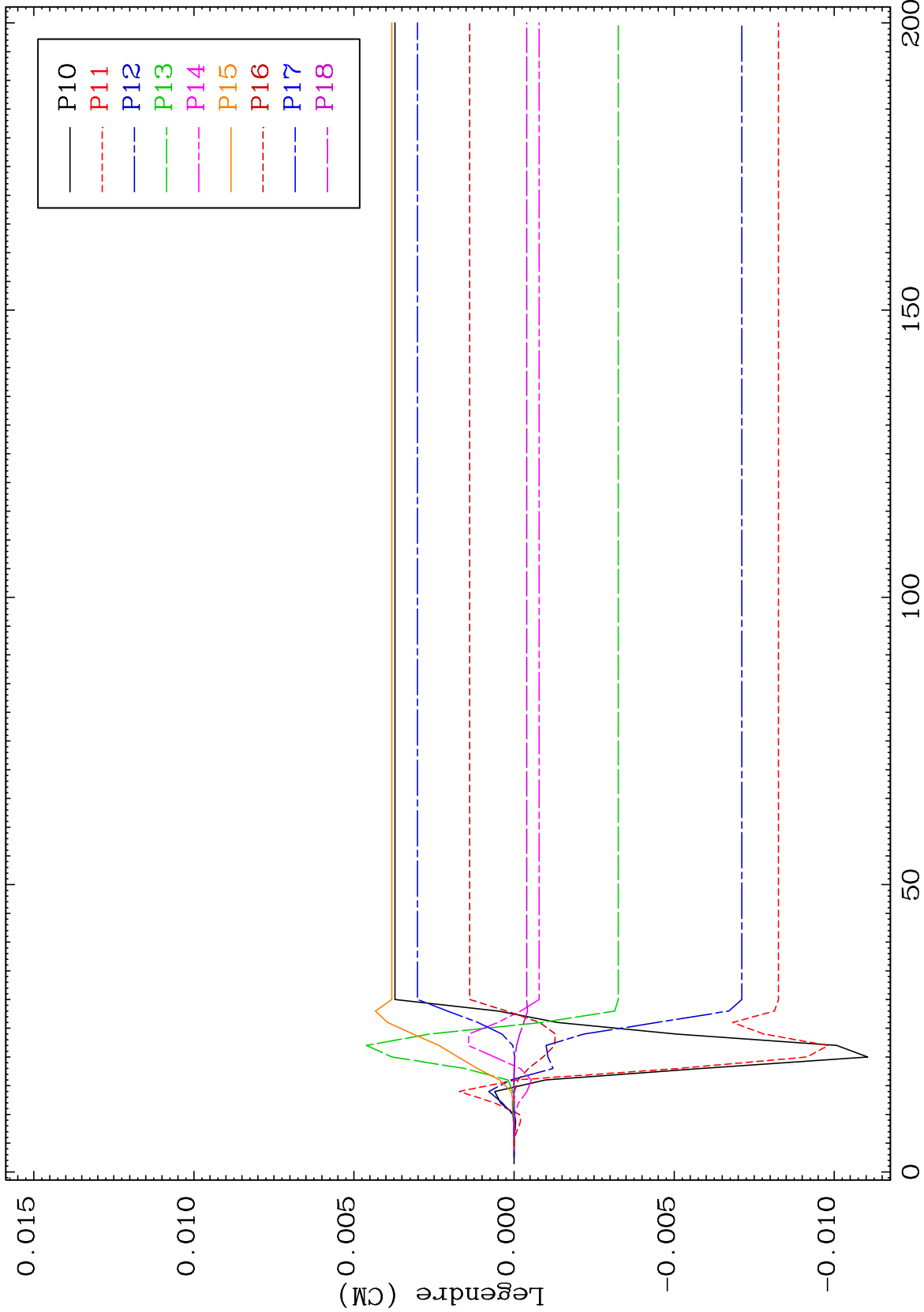
62-Sm-152



MAT 6249

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

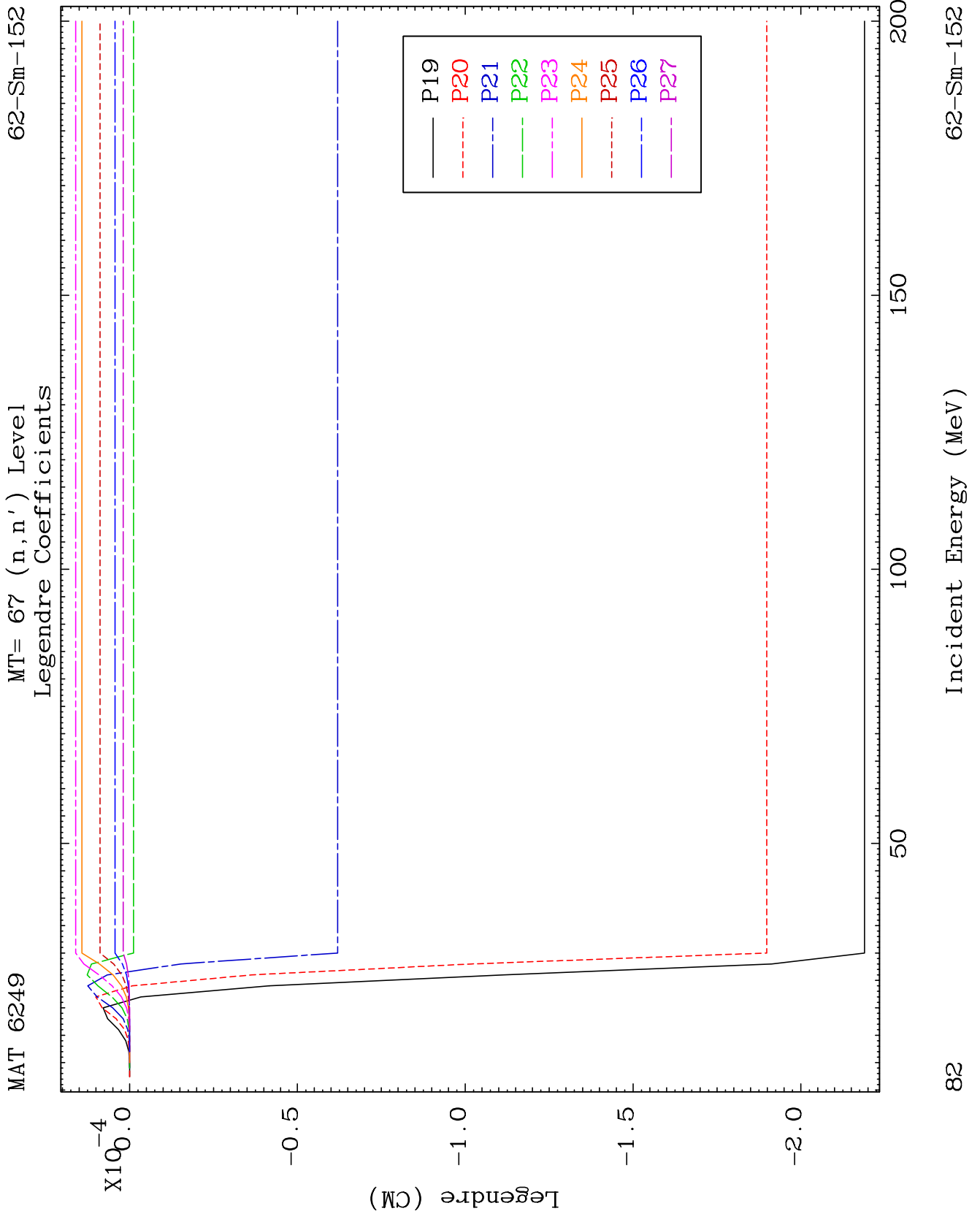
62-Sm-152



81

Incident Energy (MeV)

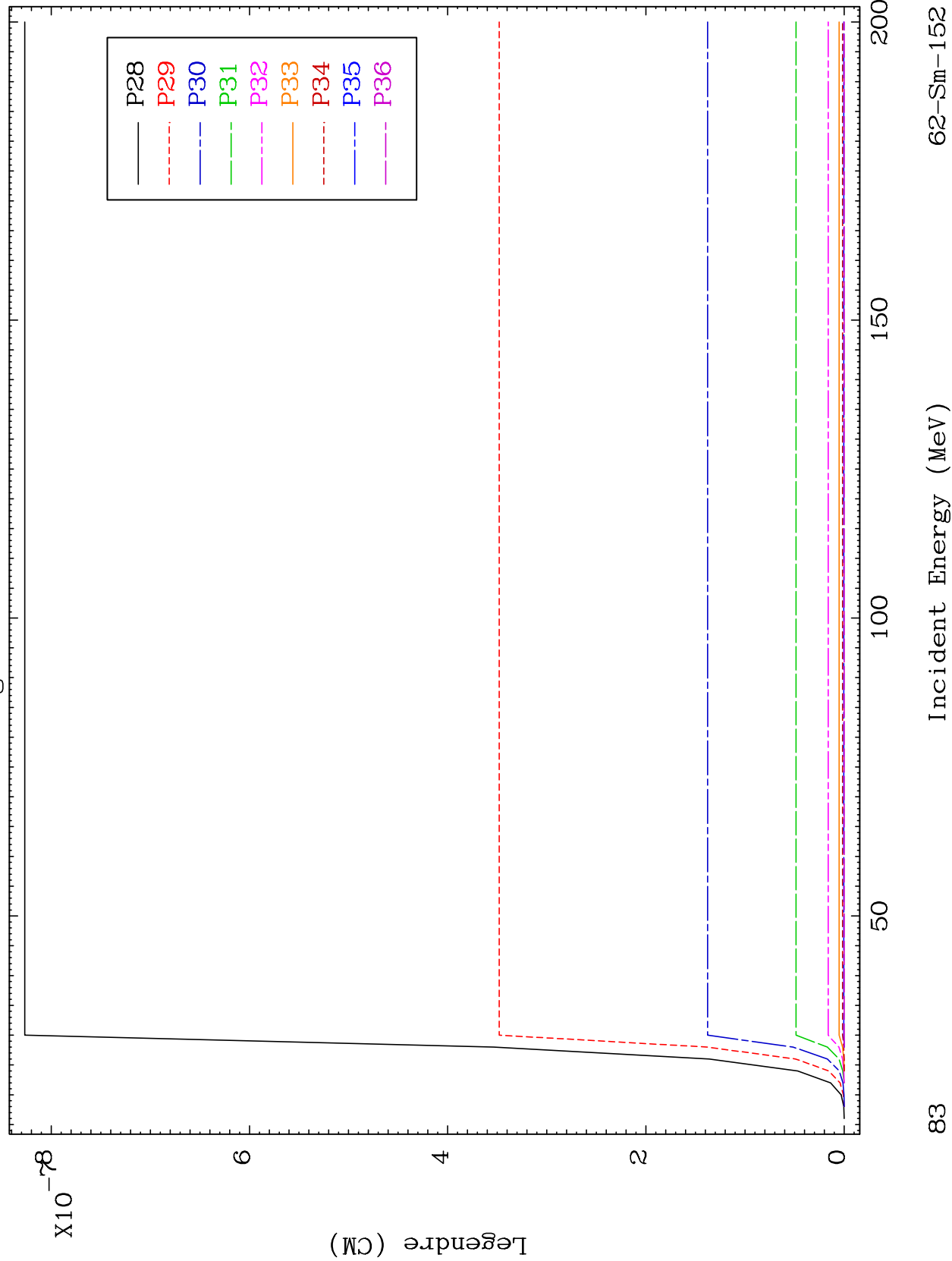
62-Sm-152



MAT 6249

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

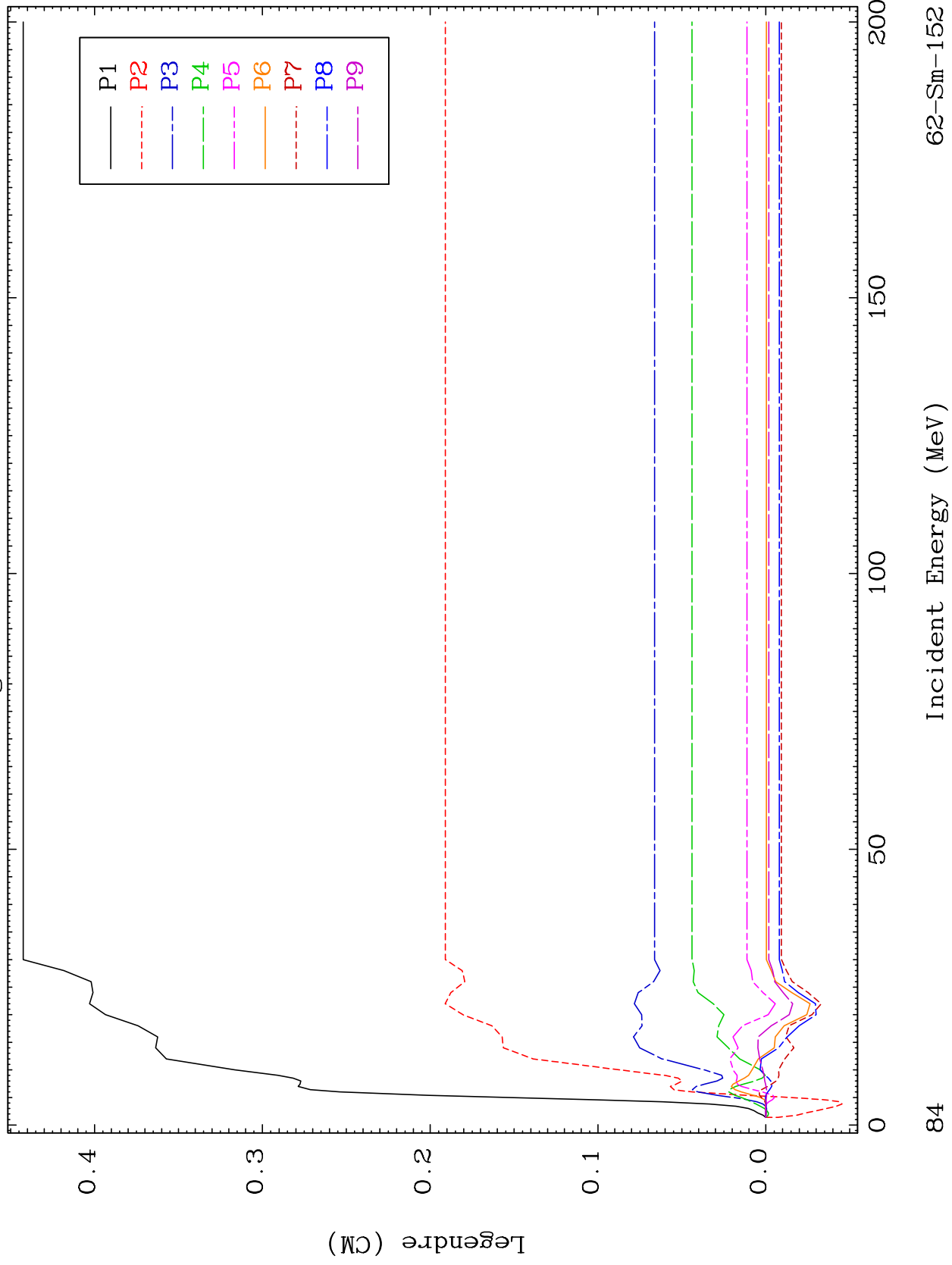
62-Sm-152



MAT 6249

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

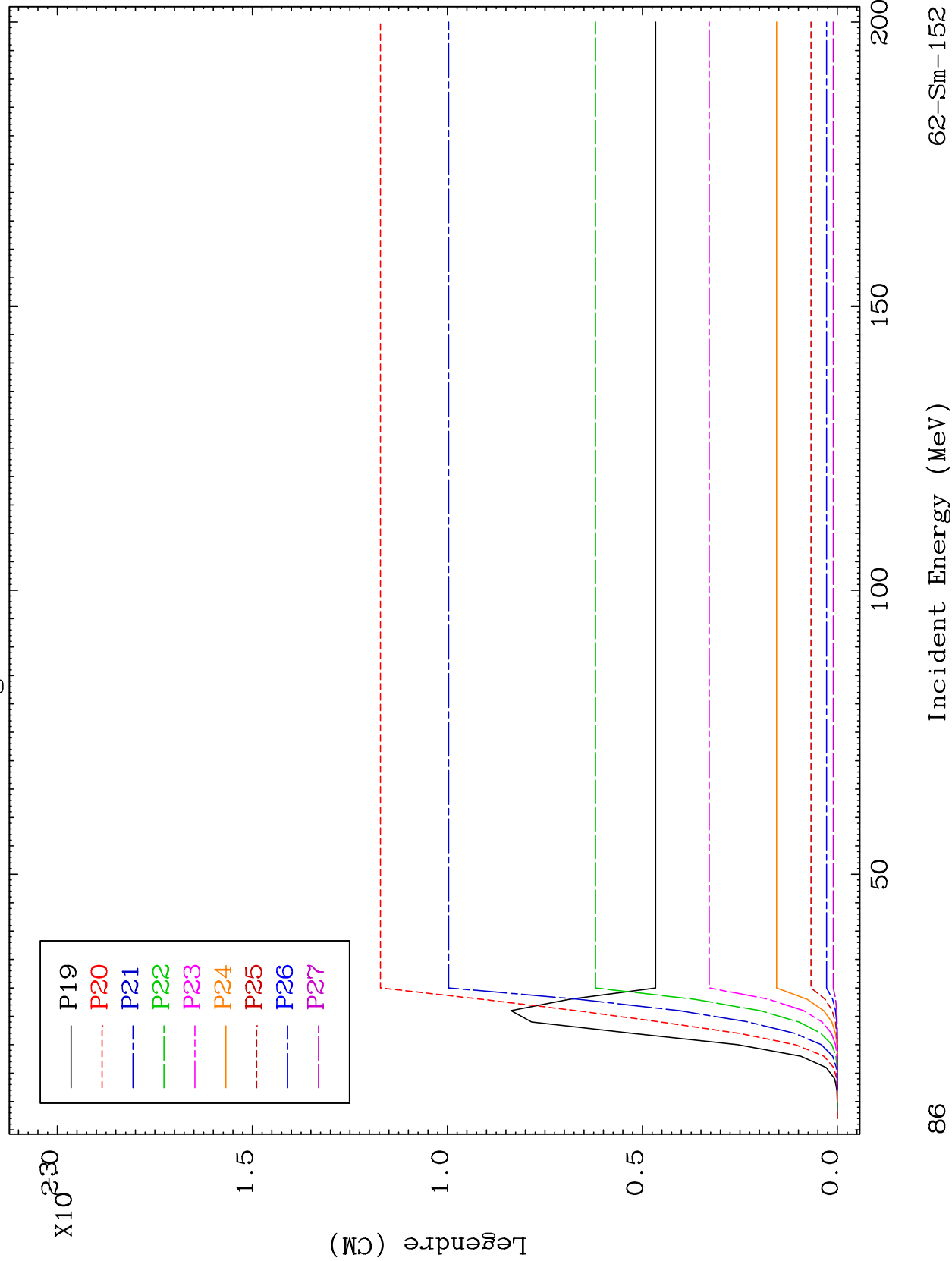
62-Sm-152



84

Incident Energy (MeV)

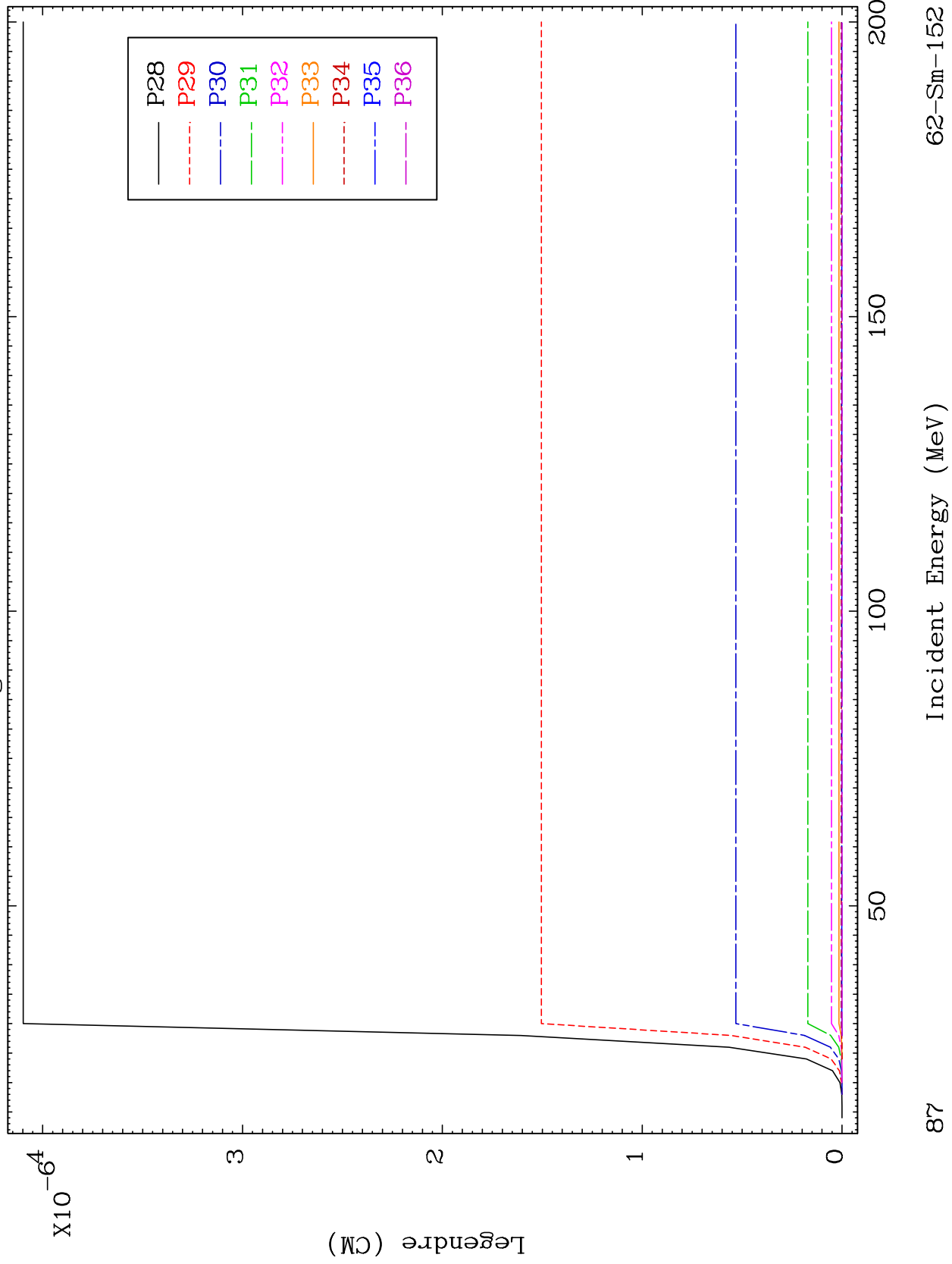
62-Sm-152



MAT 6249

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

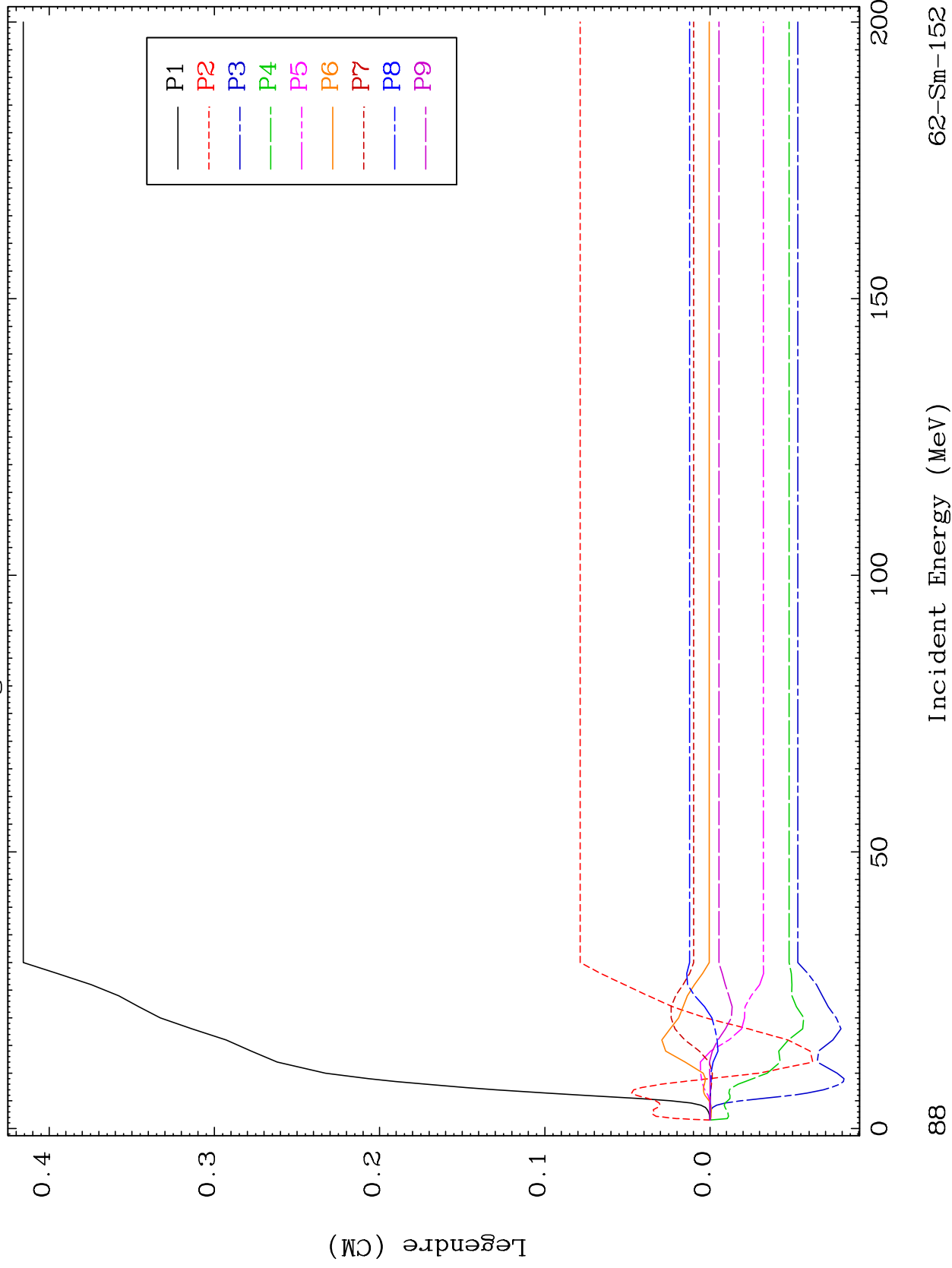
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

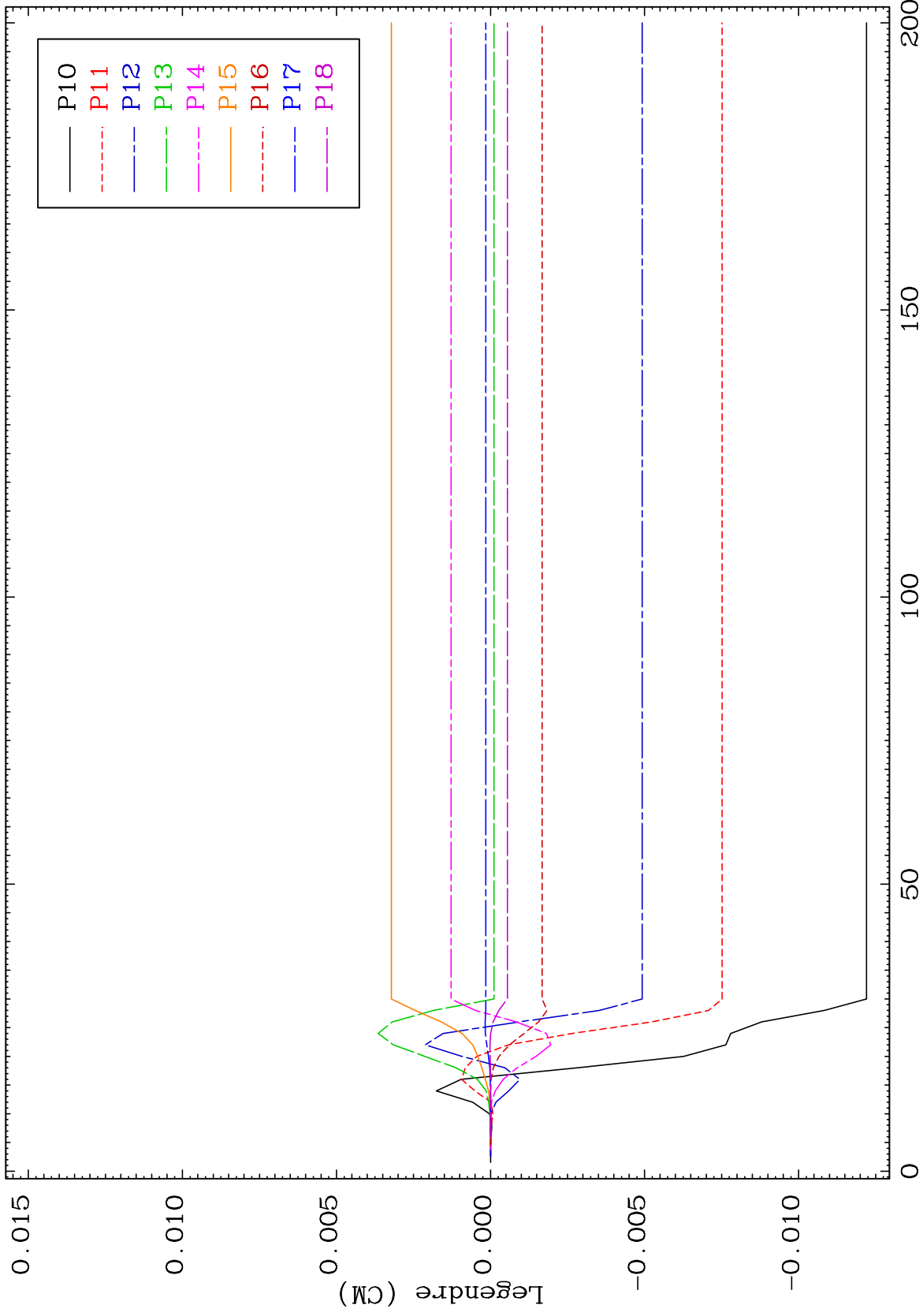
Incident Energy (MeV)

88

MAT 6249

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

62-Sm-152



89

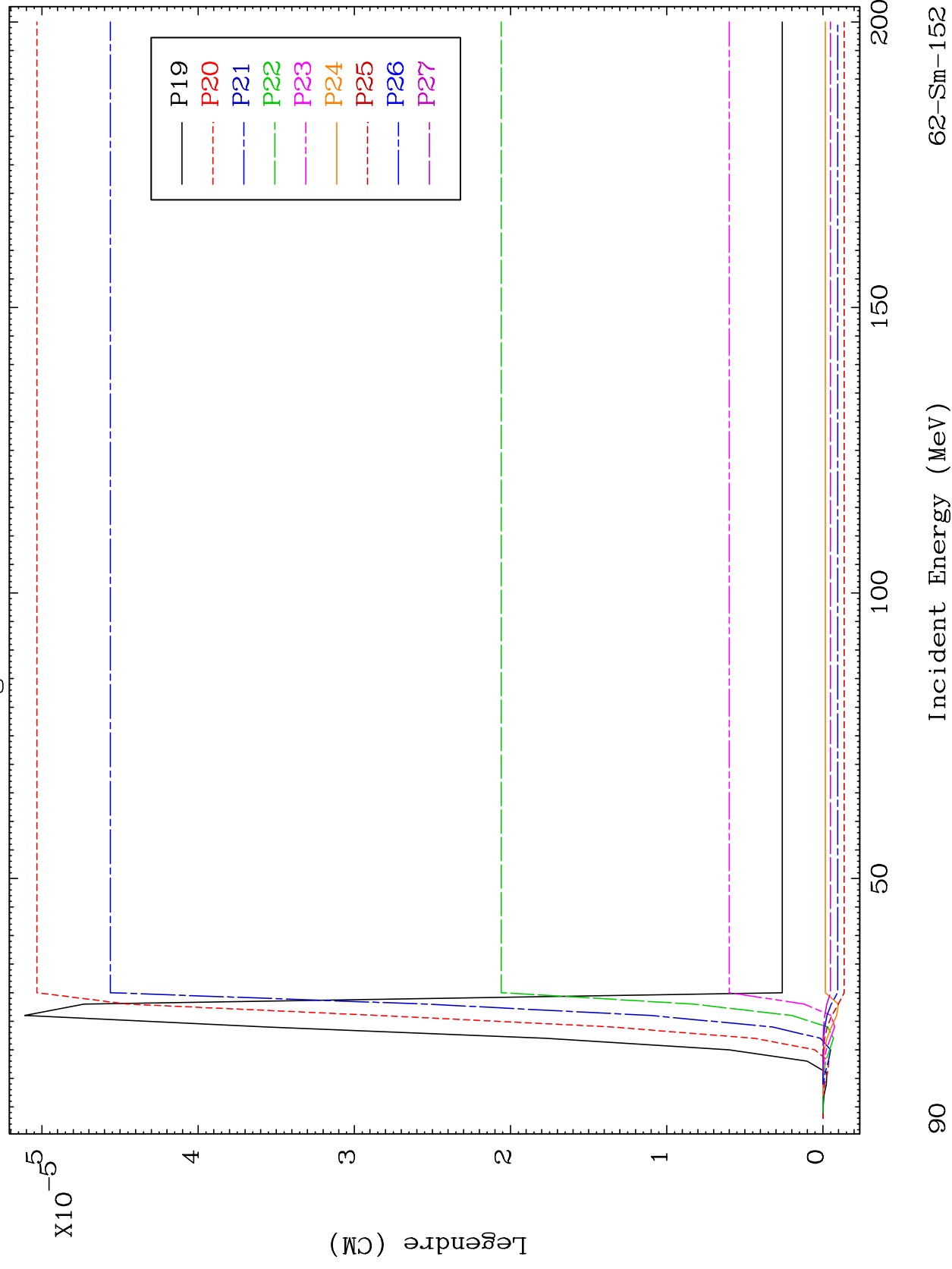
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

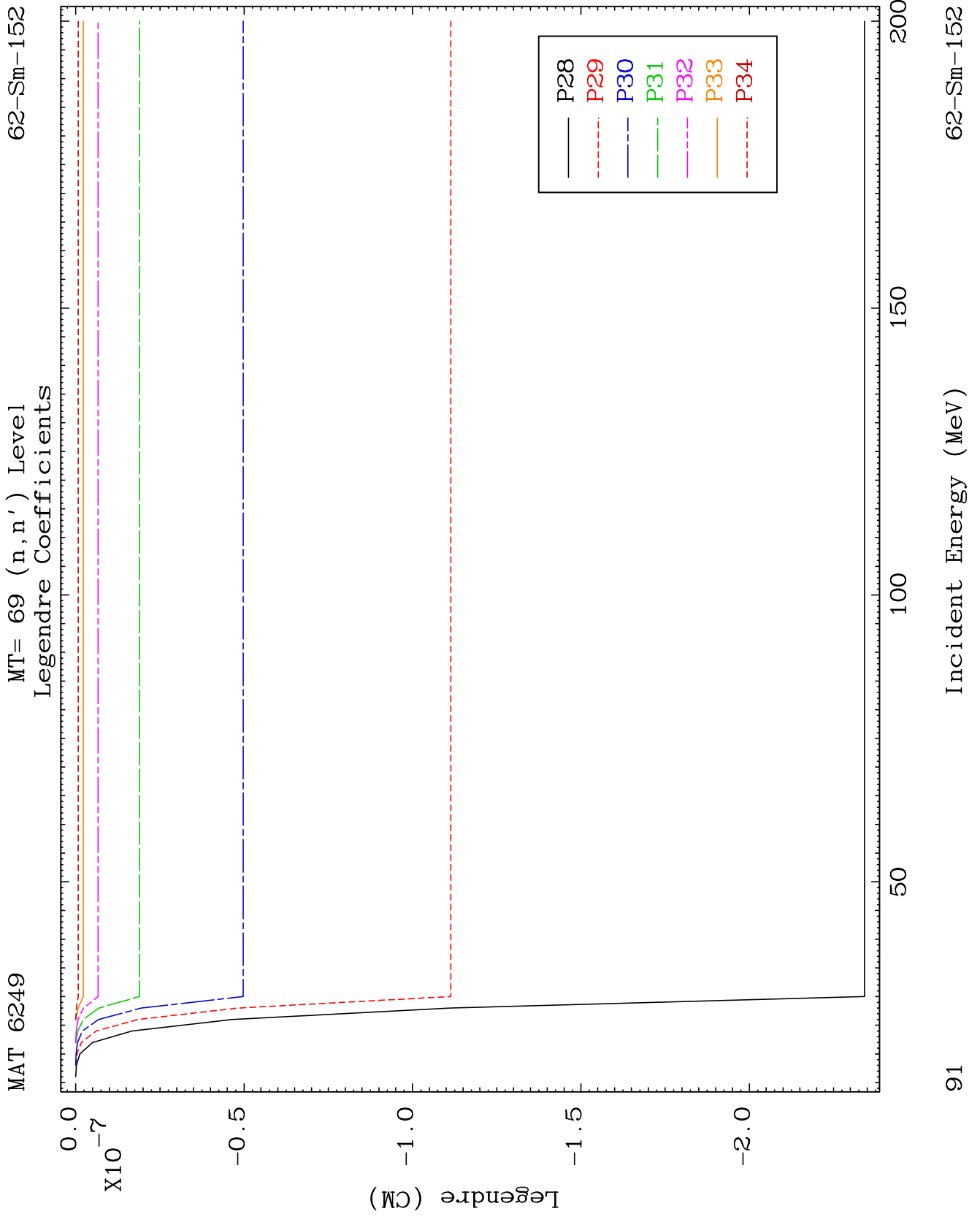
62-Sm-152



90

Incident Energy (MeV)

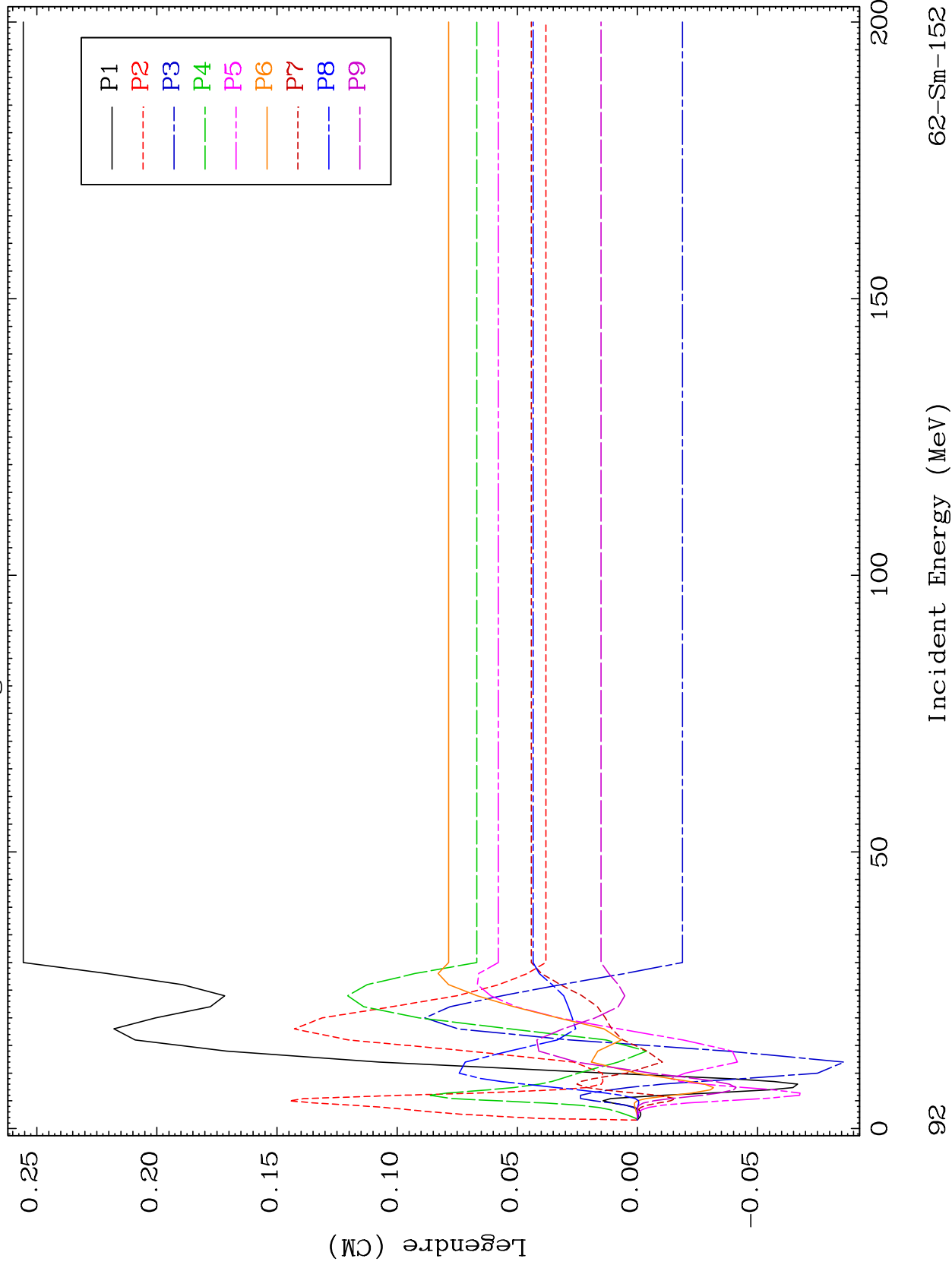
62-Sm-152



MAT 6249

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

62-Sm-152



62-Sm-152

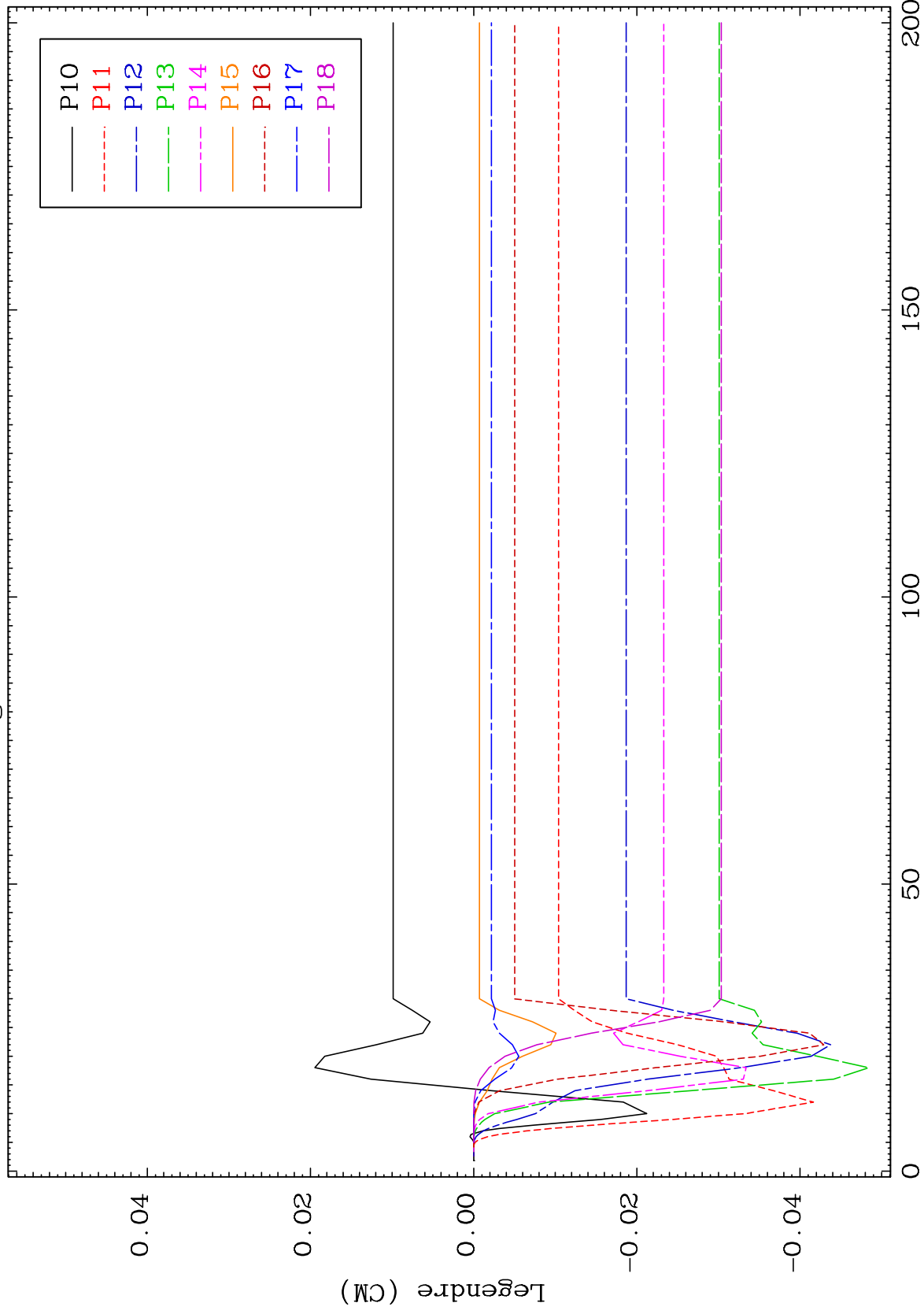
Incident Energy (MeV)

92

MAT 6249

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

62-Sm-152



93

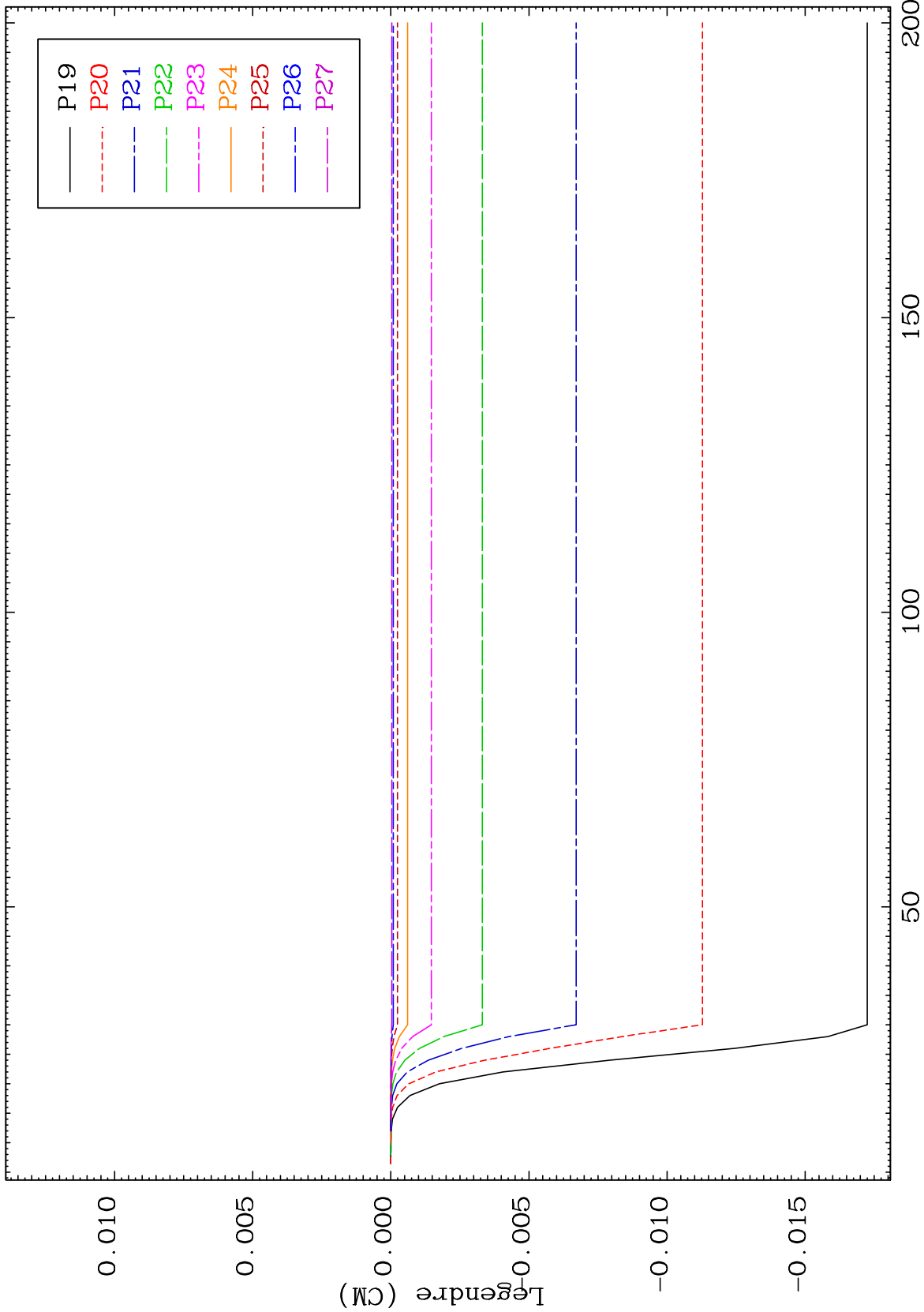
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



94

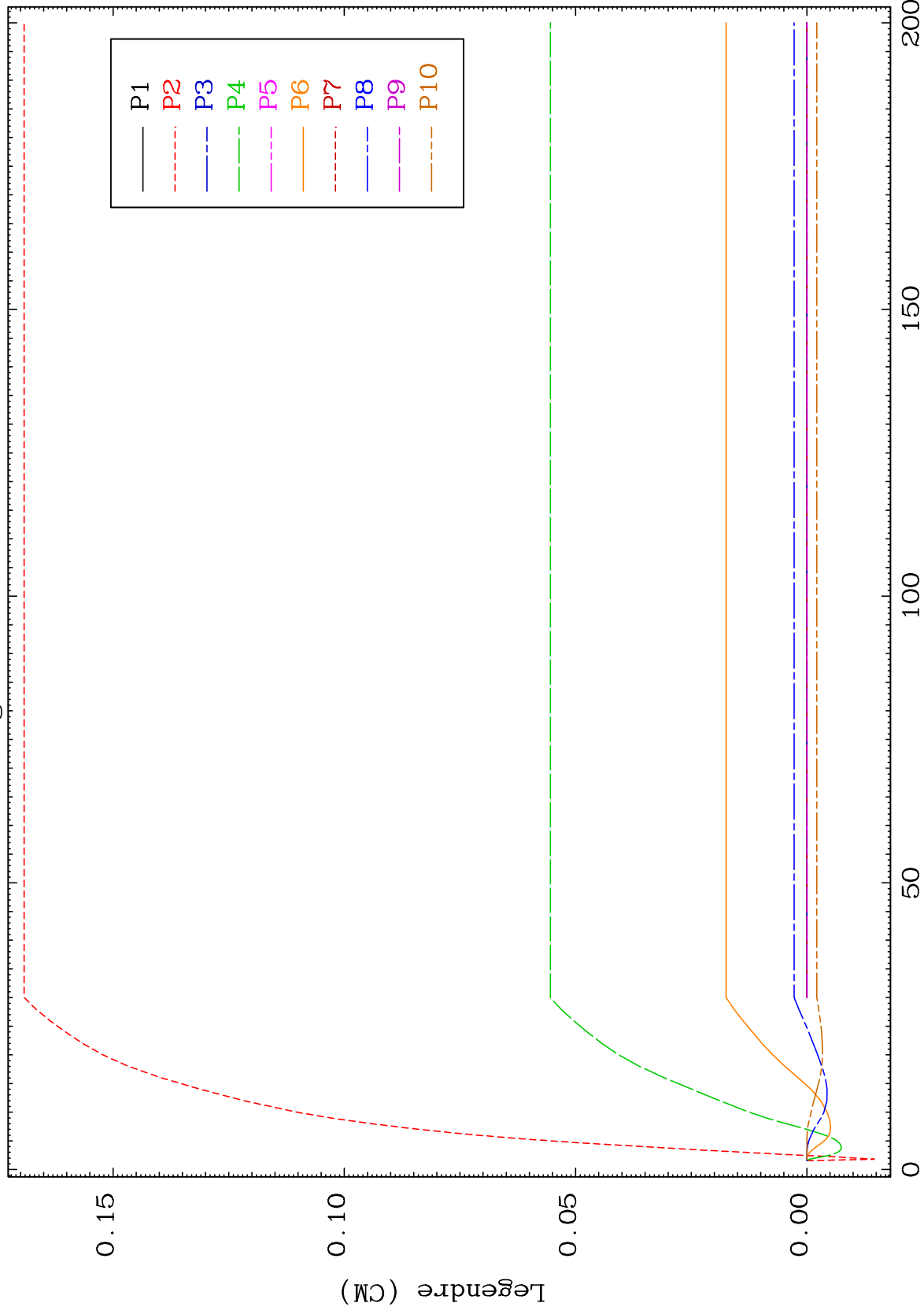
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



96

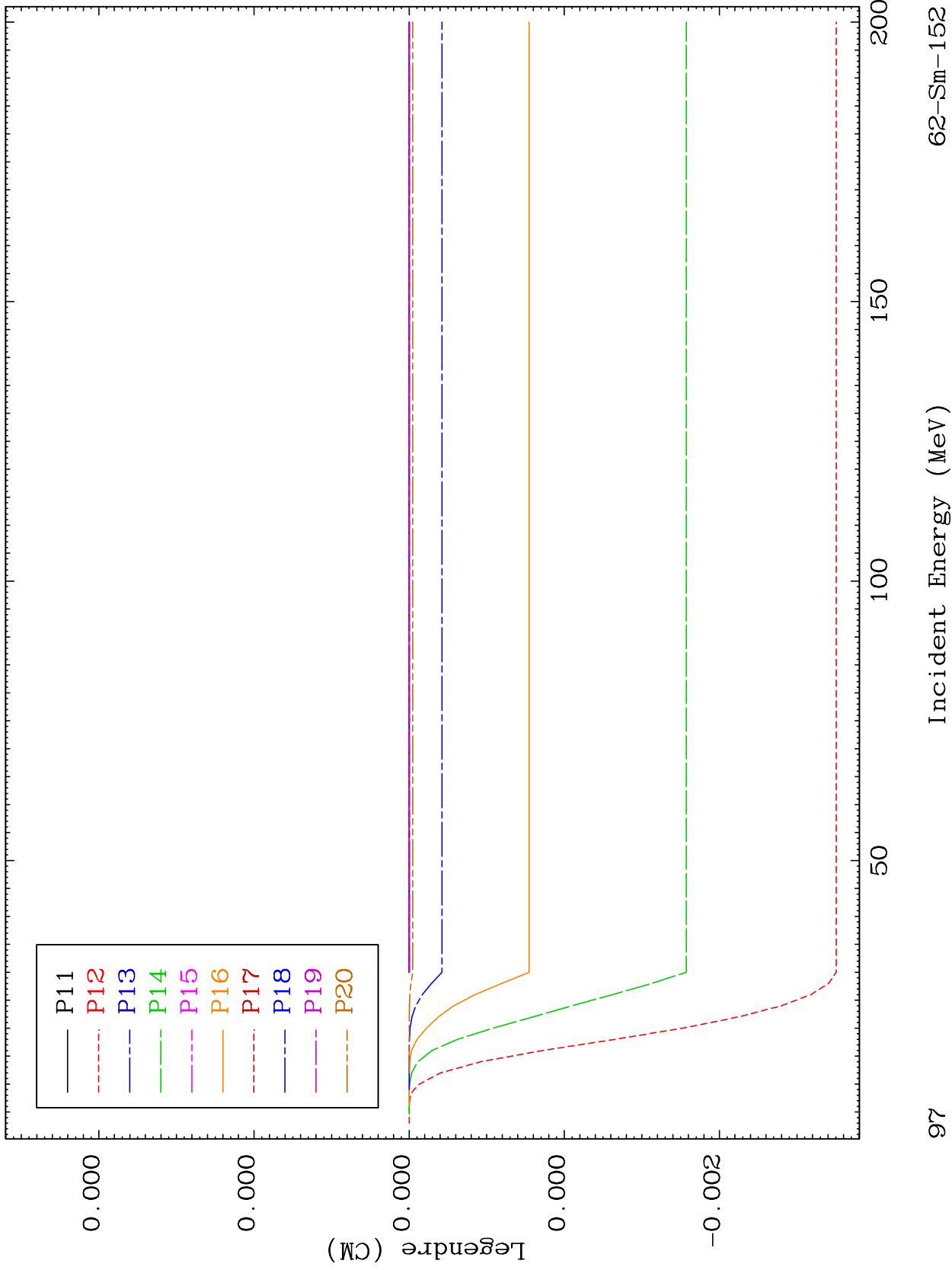
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

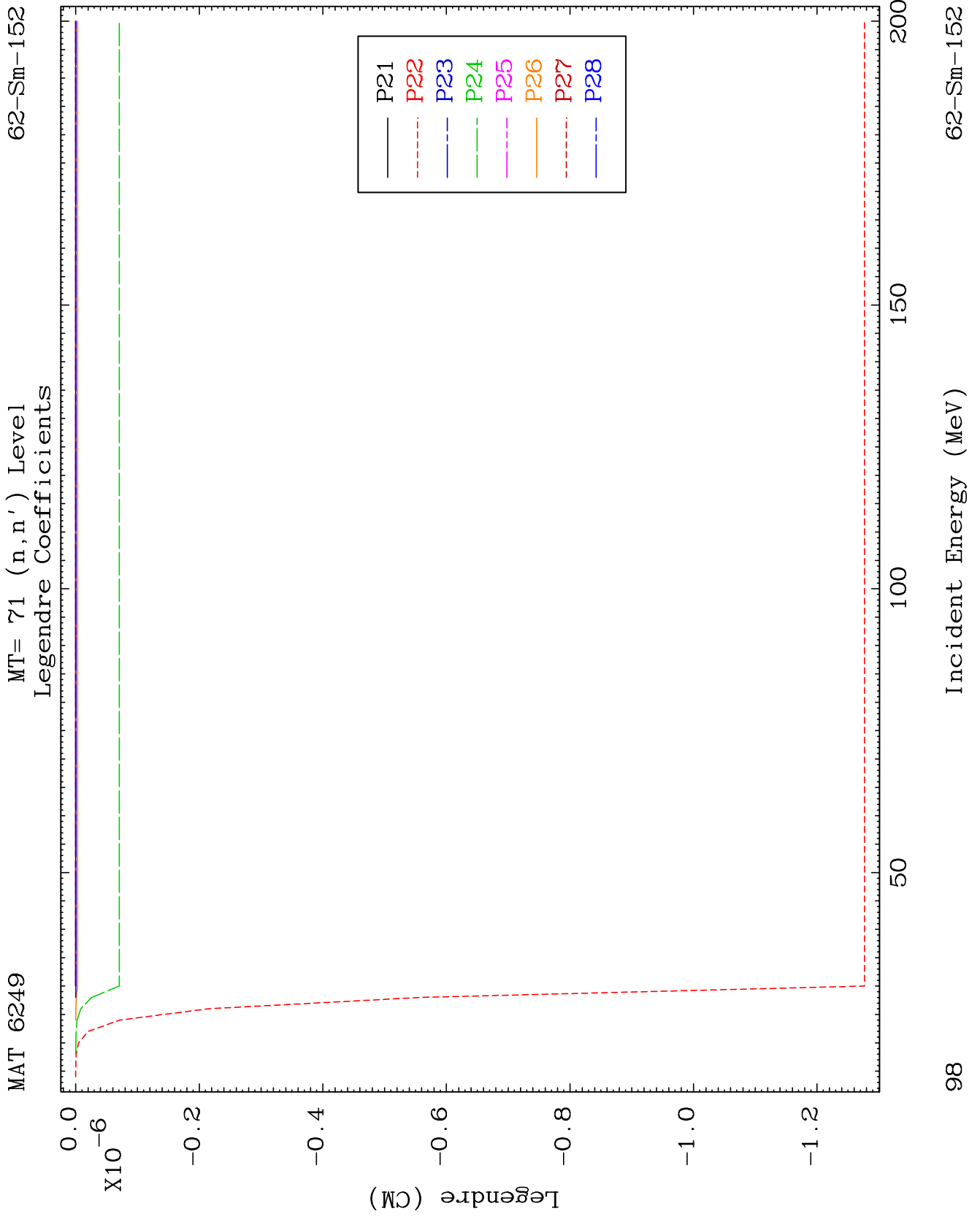
62-Sm-152



97

Incident Energy (MeV)

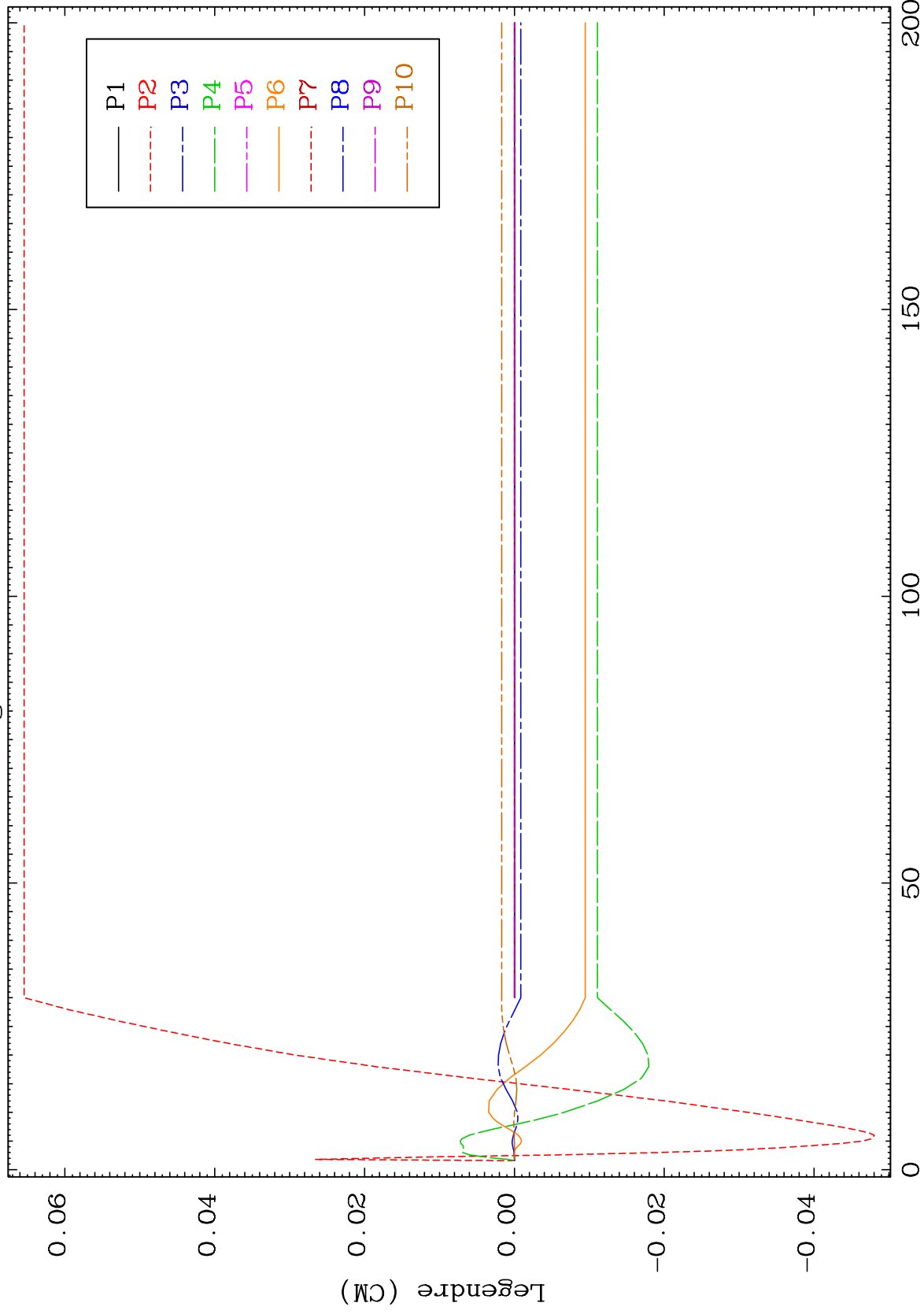
62-Sm-152



MAT 6249

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

62-Sm-152



99

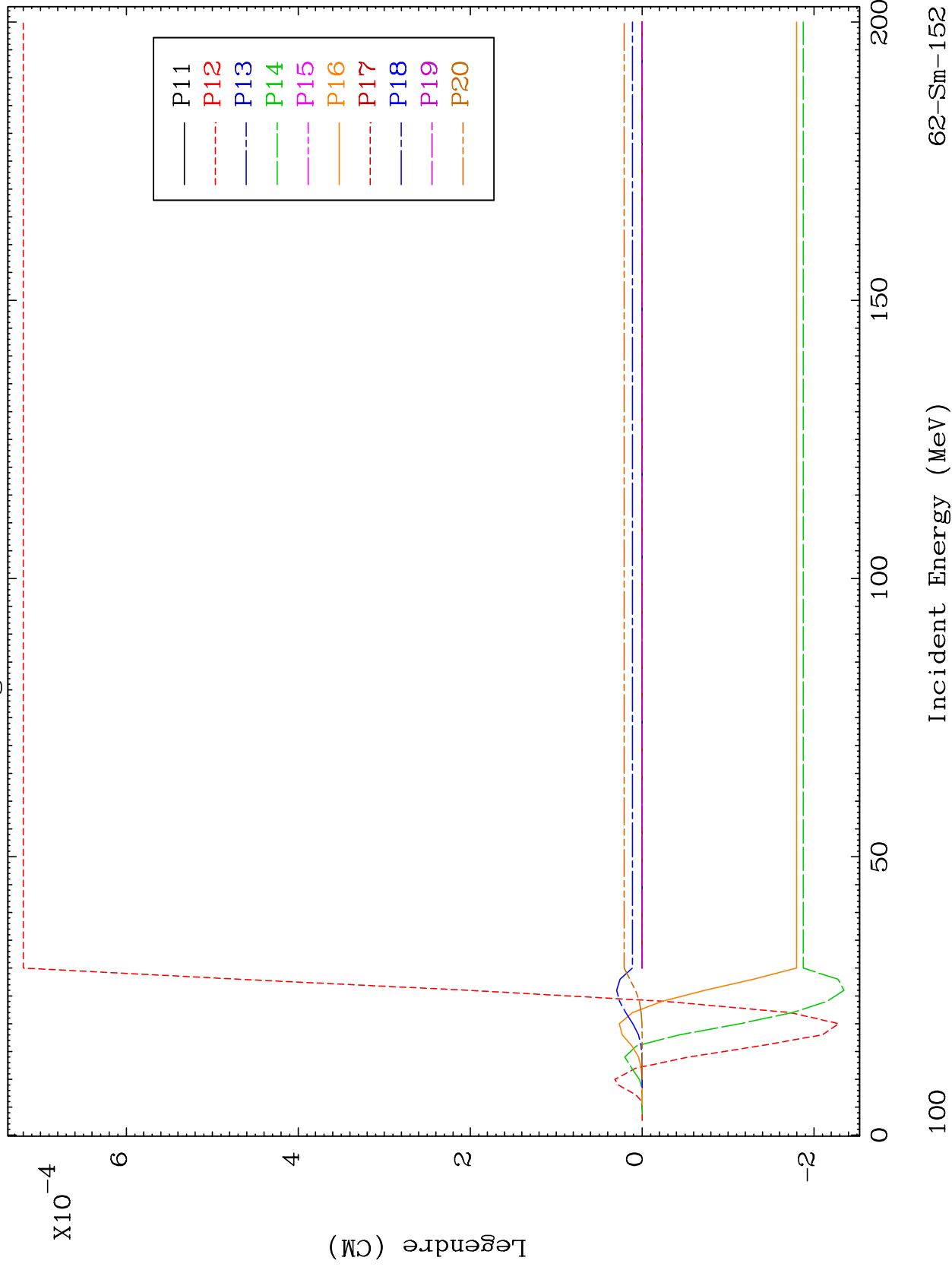
Incident Energy (MeV)

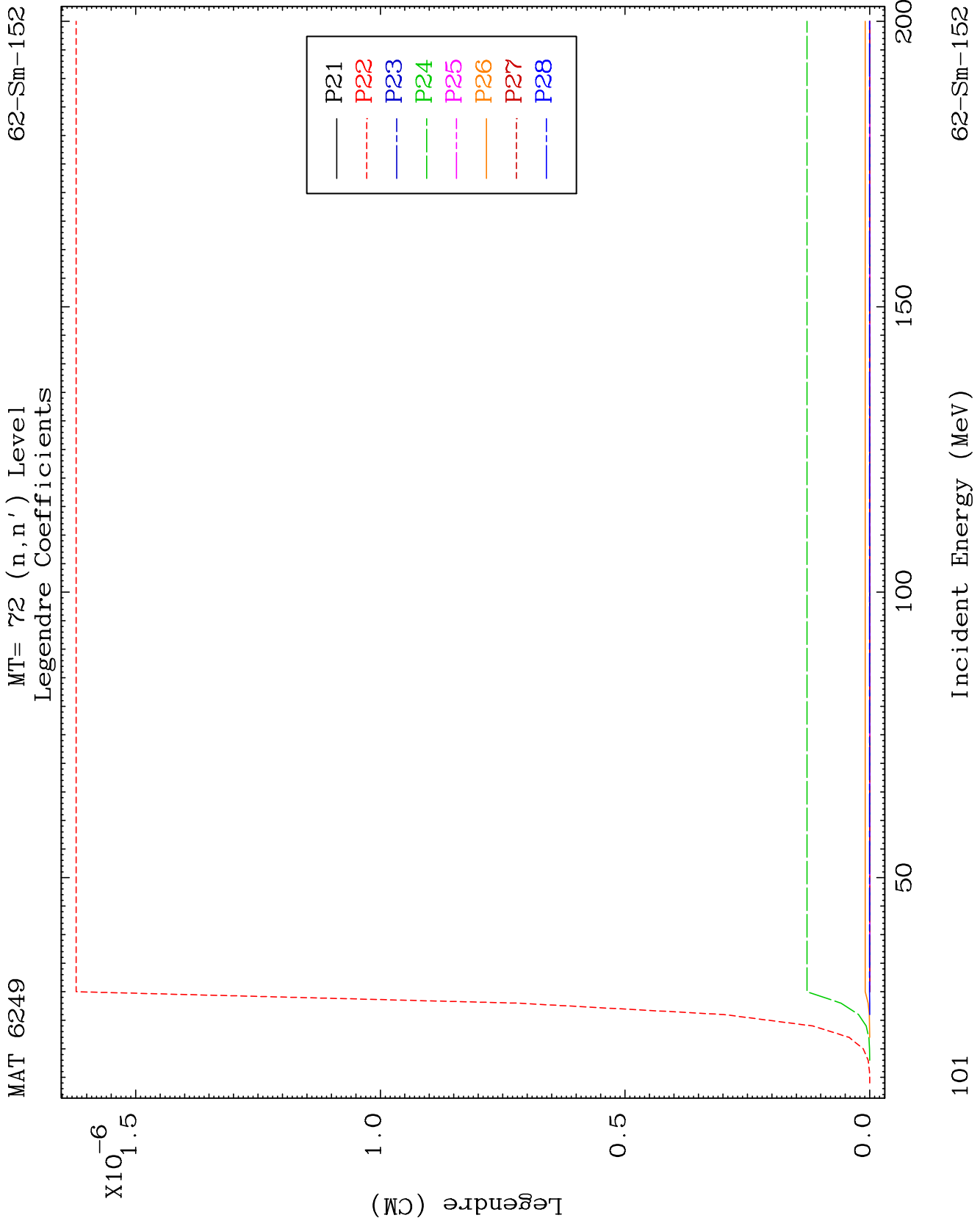
62-Sm-152

MAT 6249

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

62-Sm-152

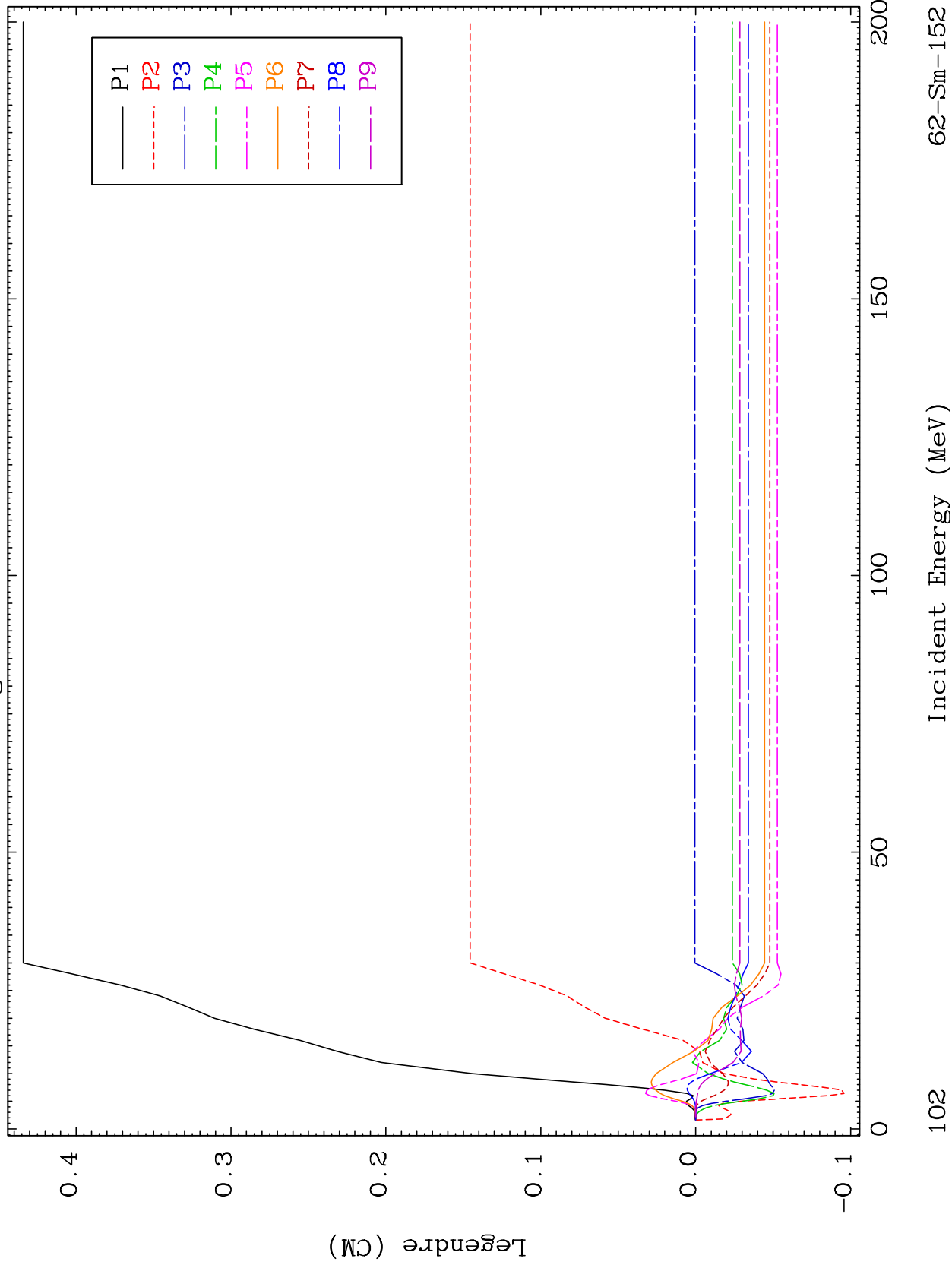




MAT 6249

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

62-Sm-152



62-Sm-152

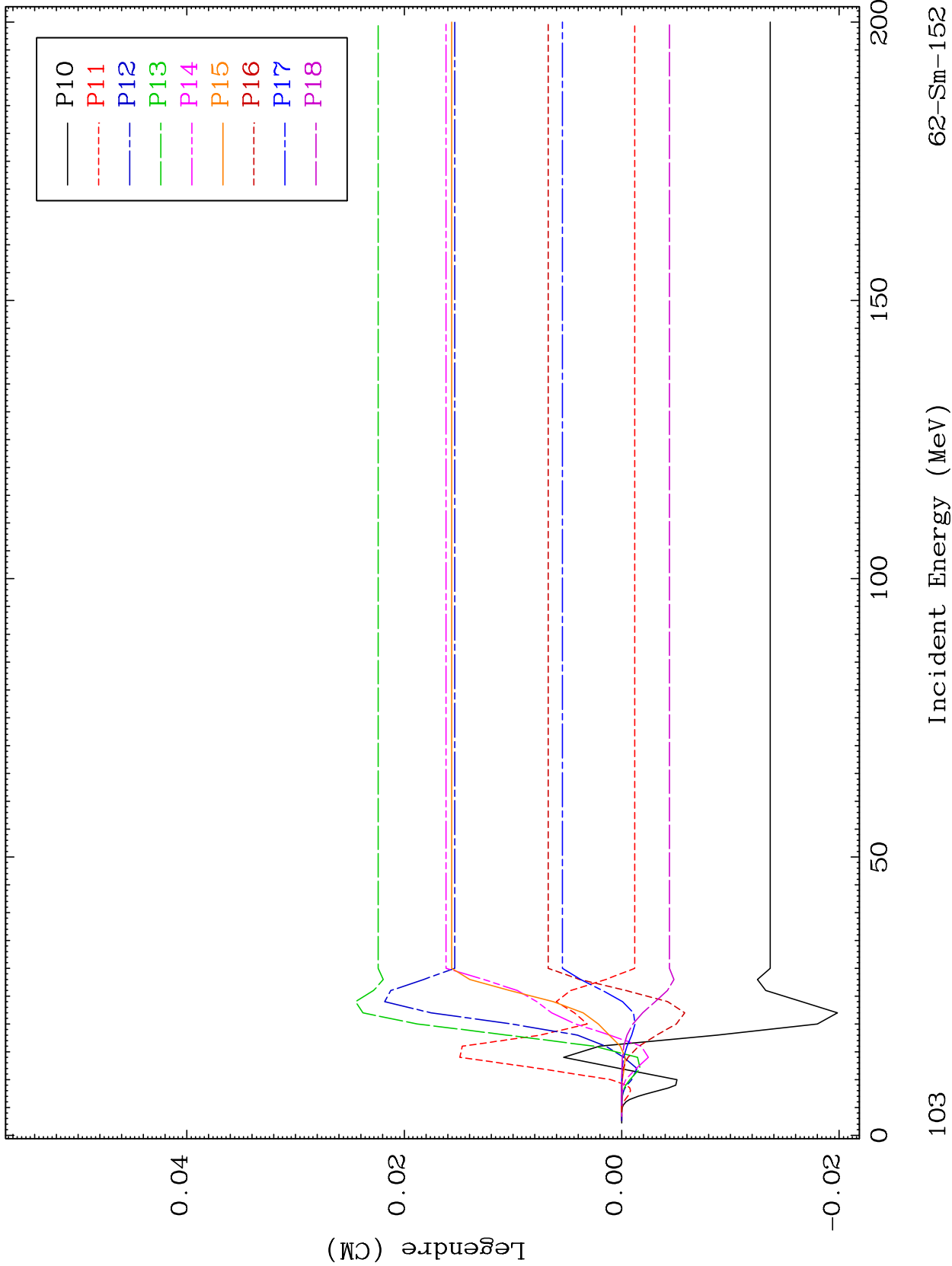
Incident Energy (MeV)

102

MAT 6249

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

62-Sm-152



62-Sm-152

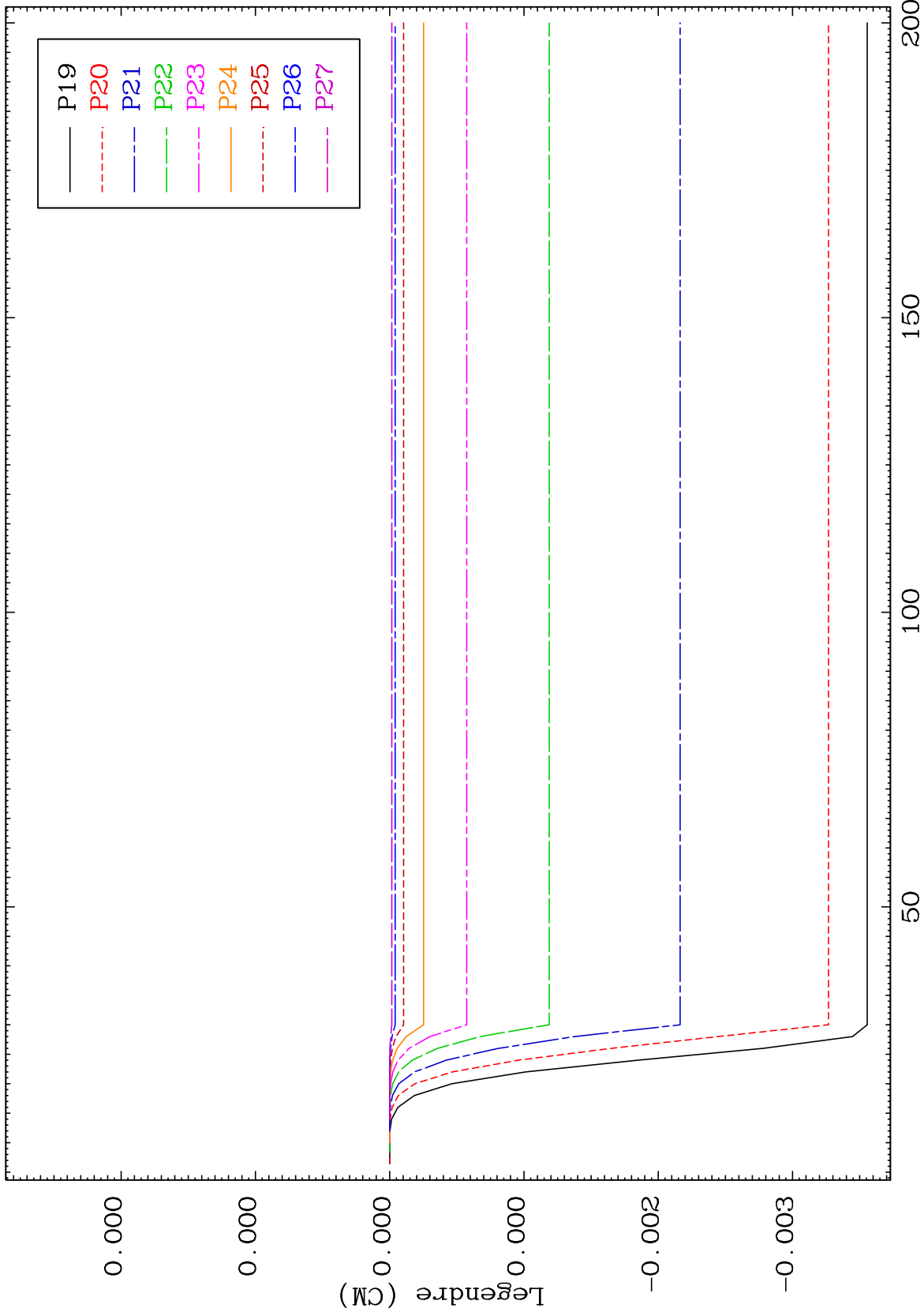
Incident Energy (MeV)

103

MAT 6249

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

62-Sm-152



104

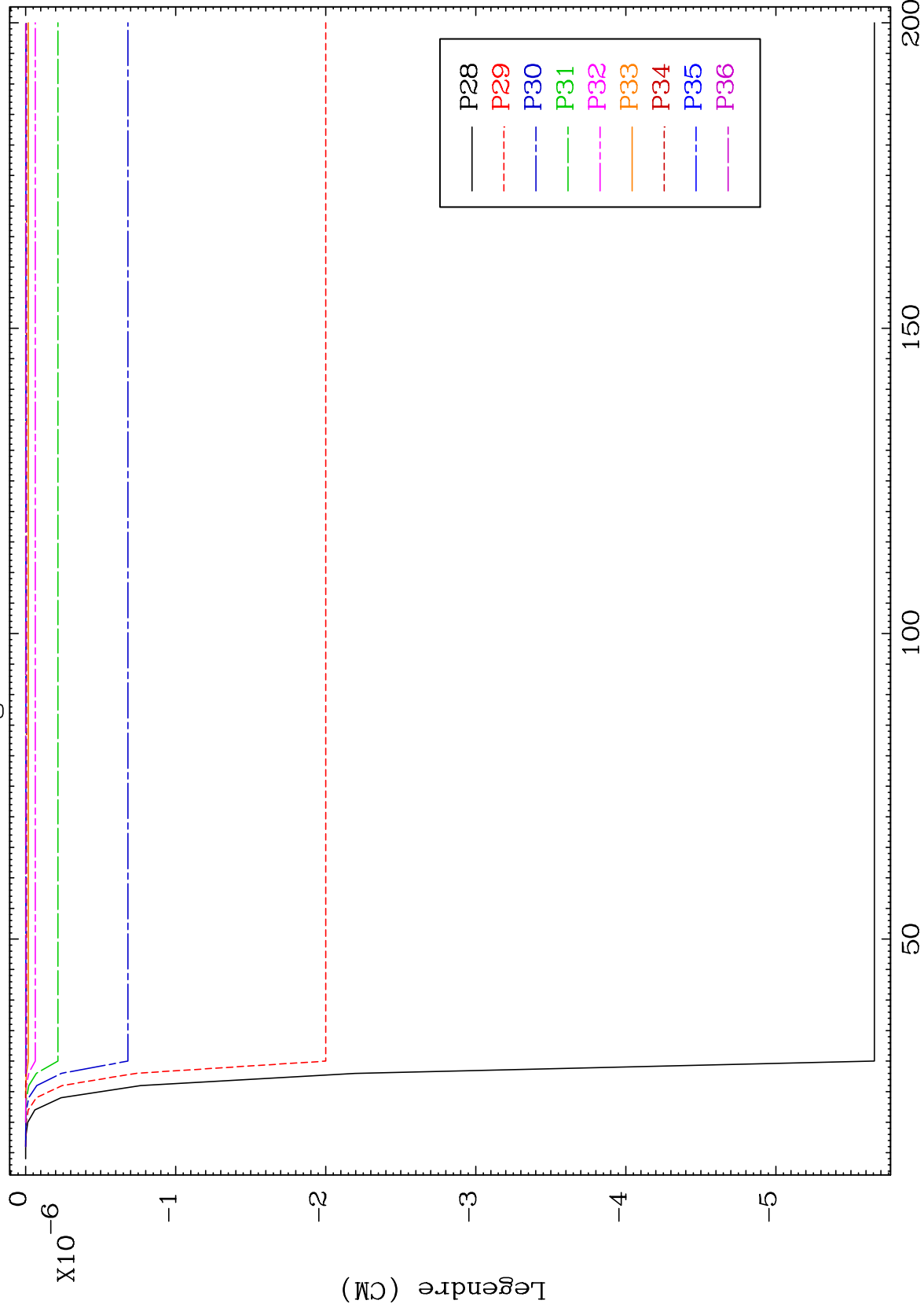
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



105

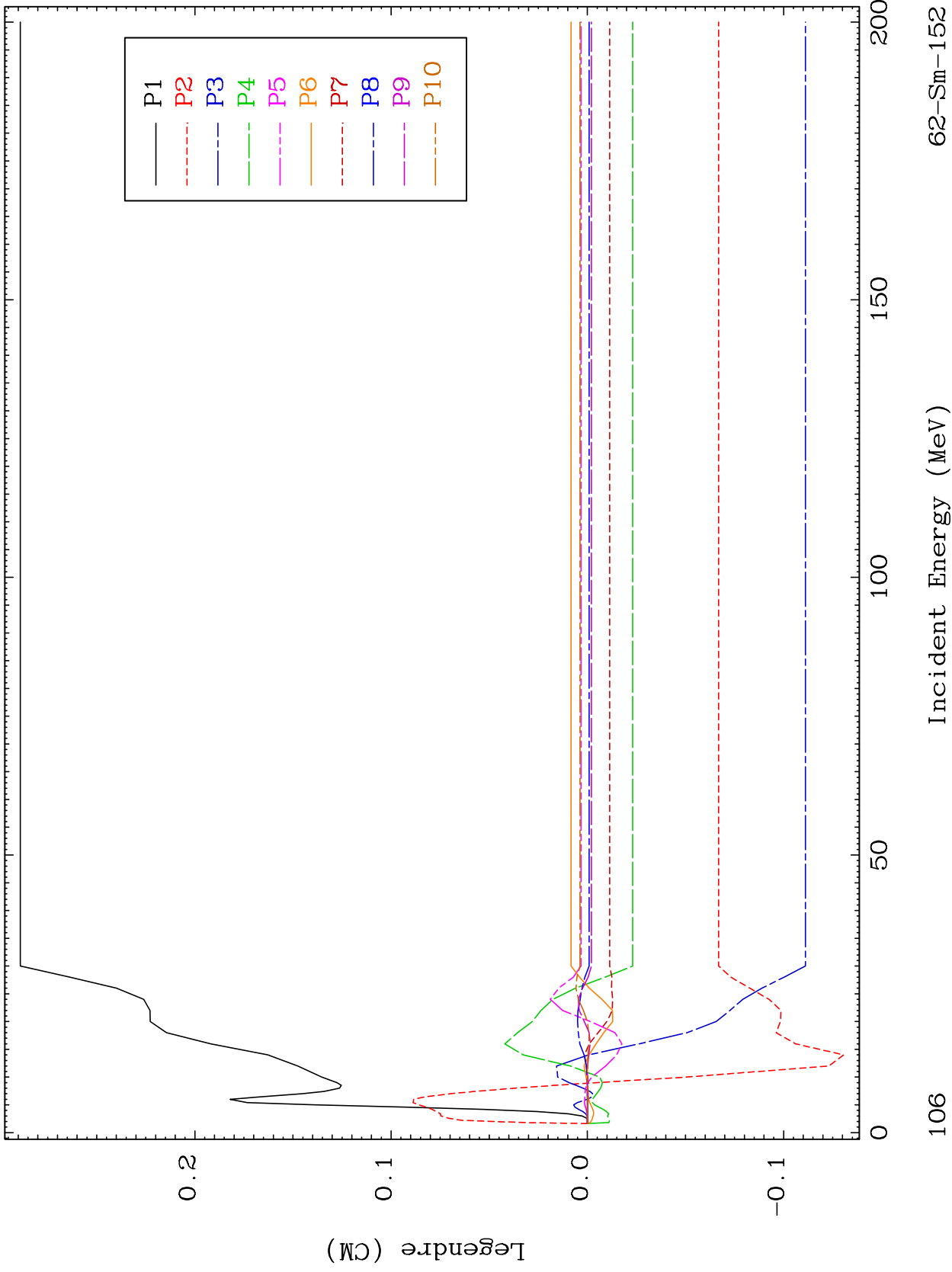
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

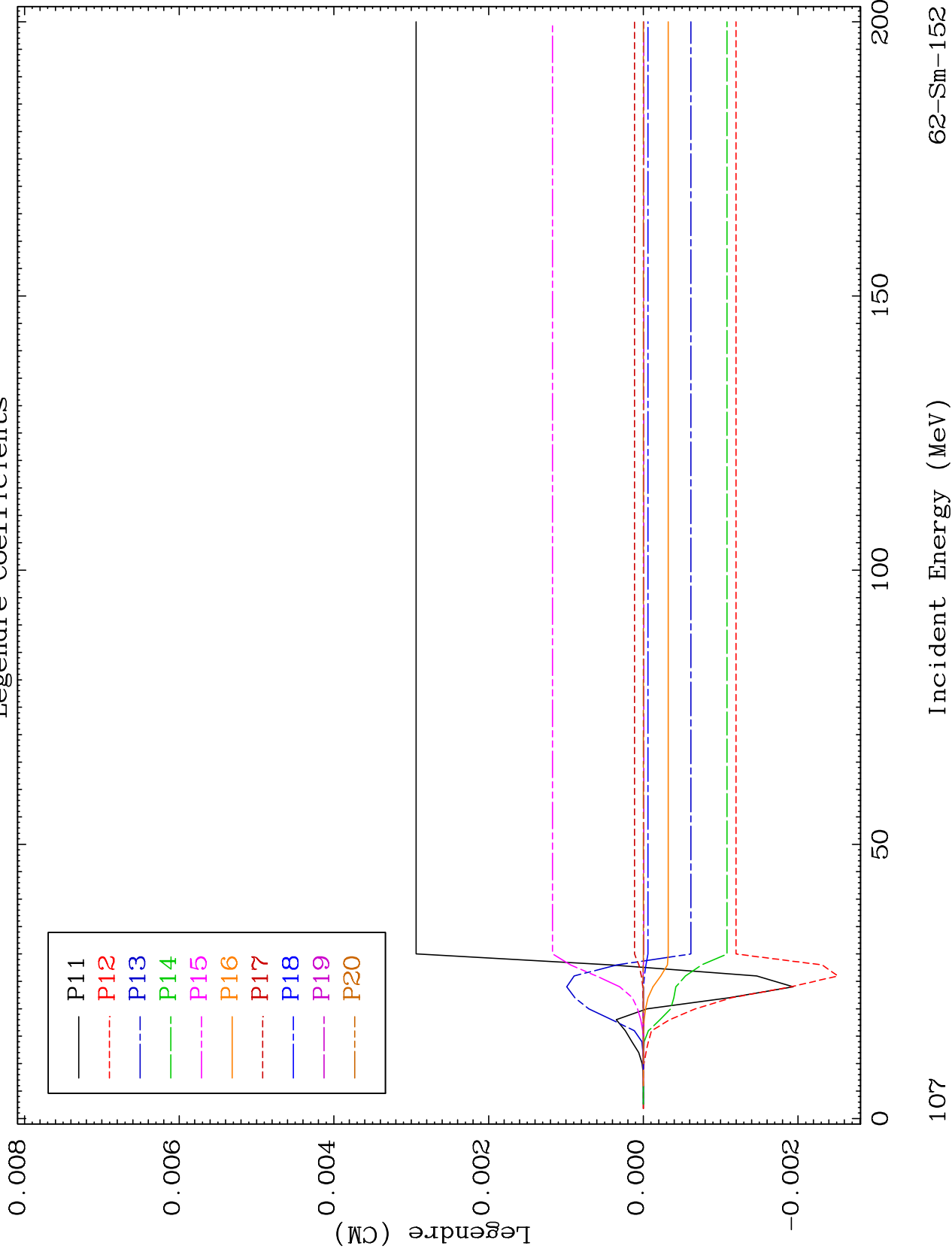
Incident Energy (MeV)

106

MAT 6249

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

62-Sm-152



107

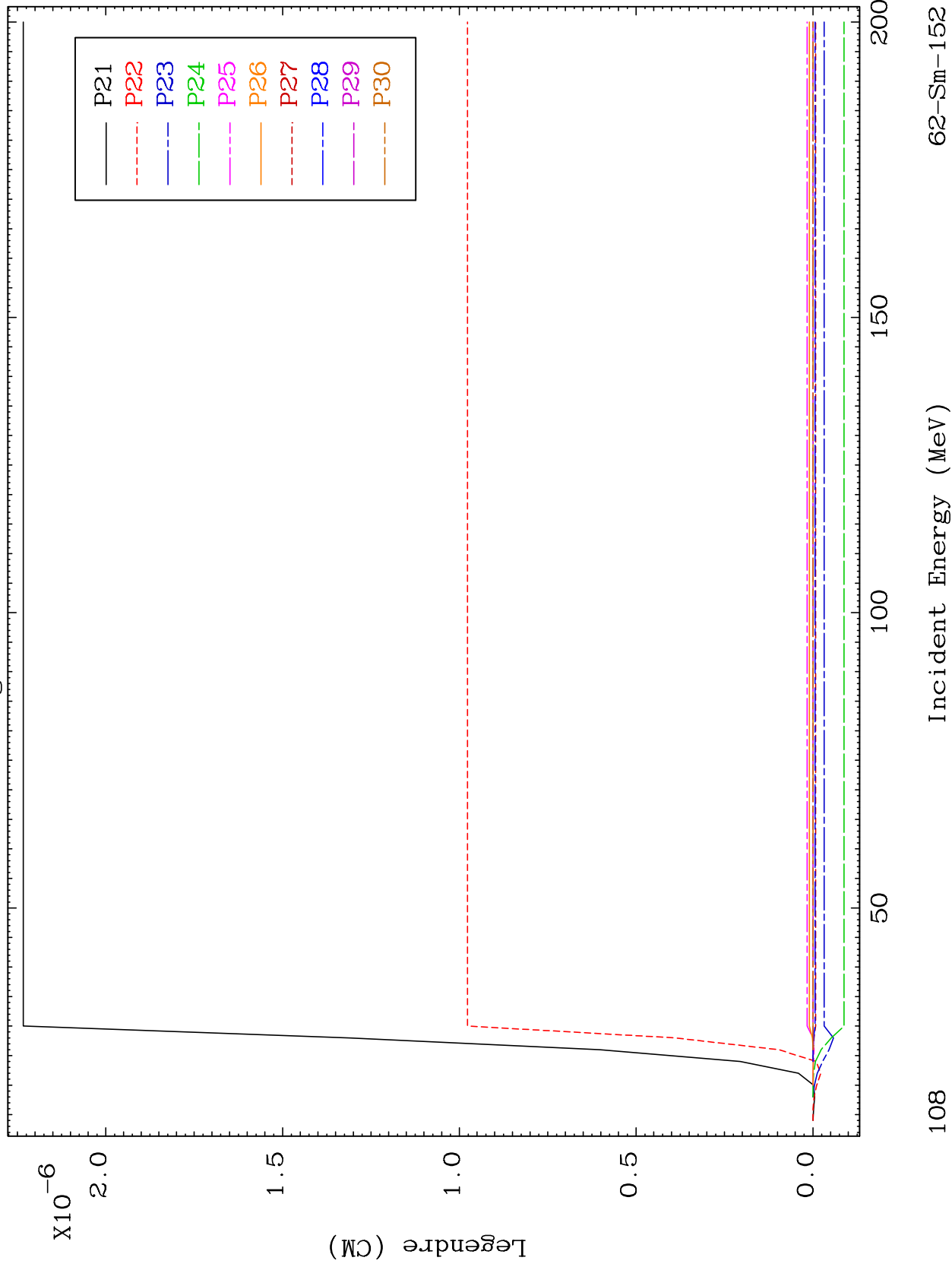
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



108

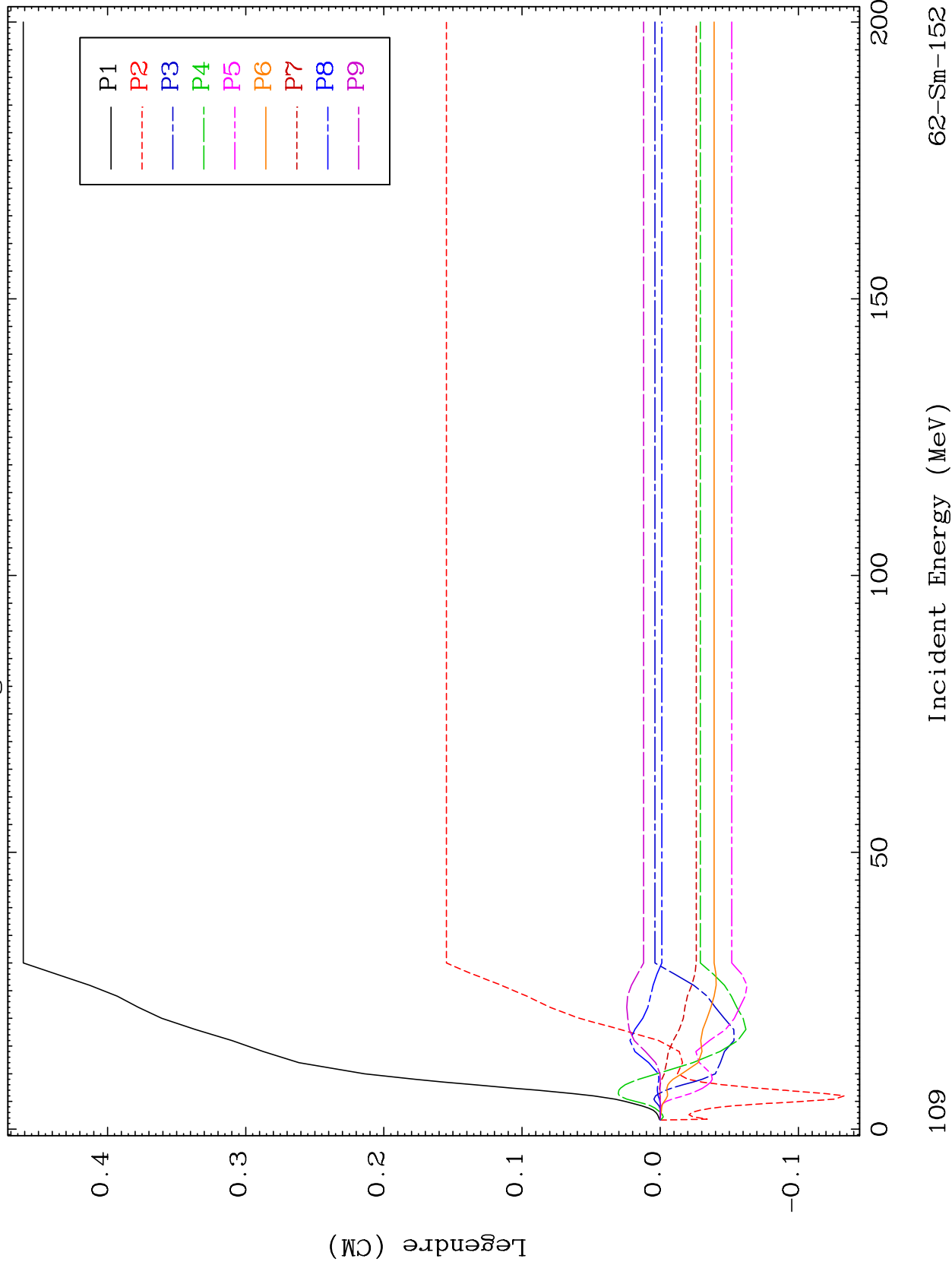
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

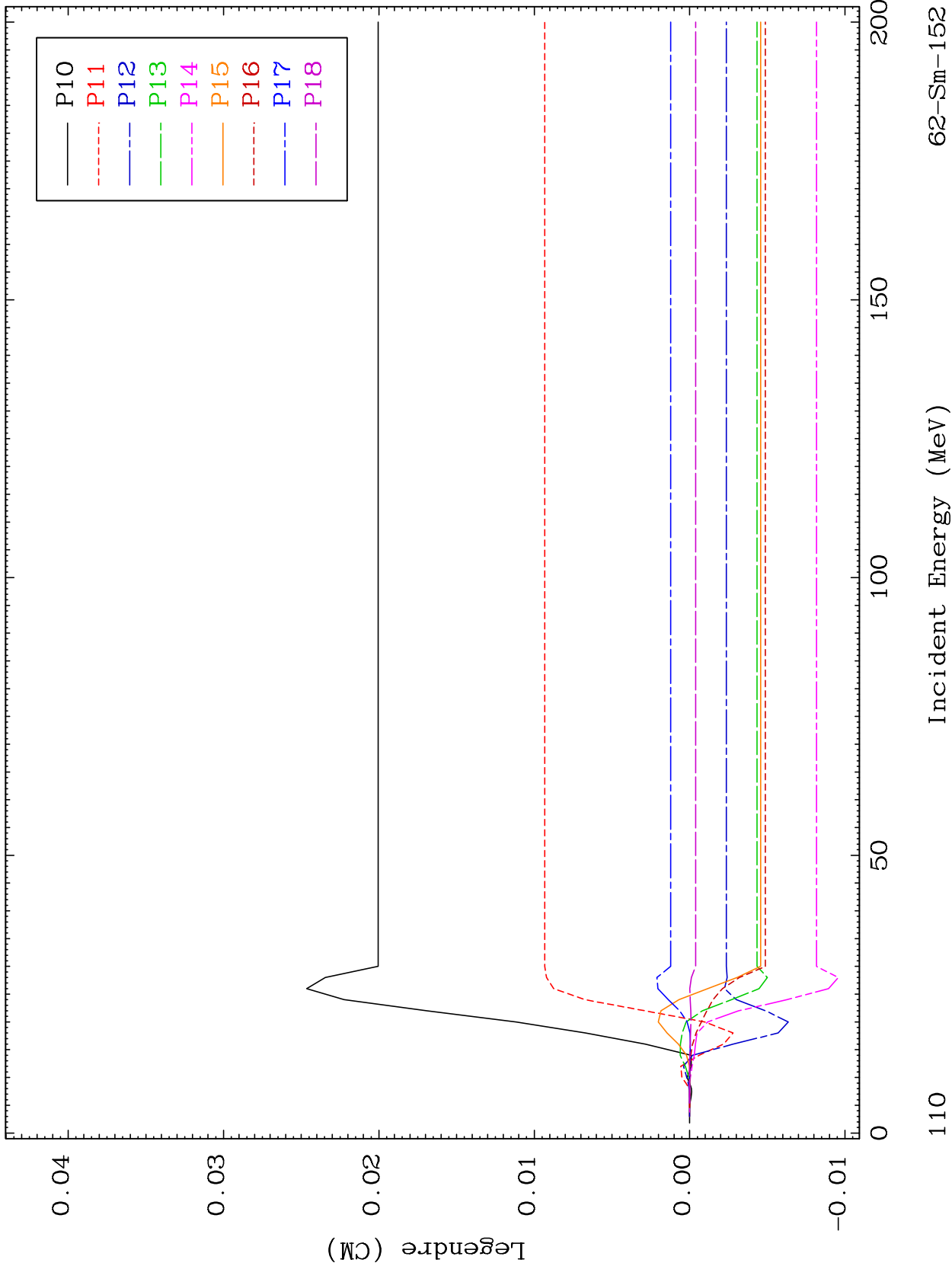
Incident Energy (MeV)

109

MAT 6249

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

62-Sm-152



62-Sm-152

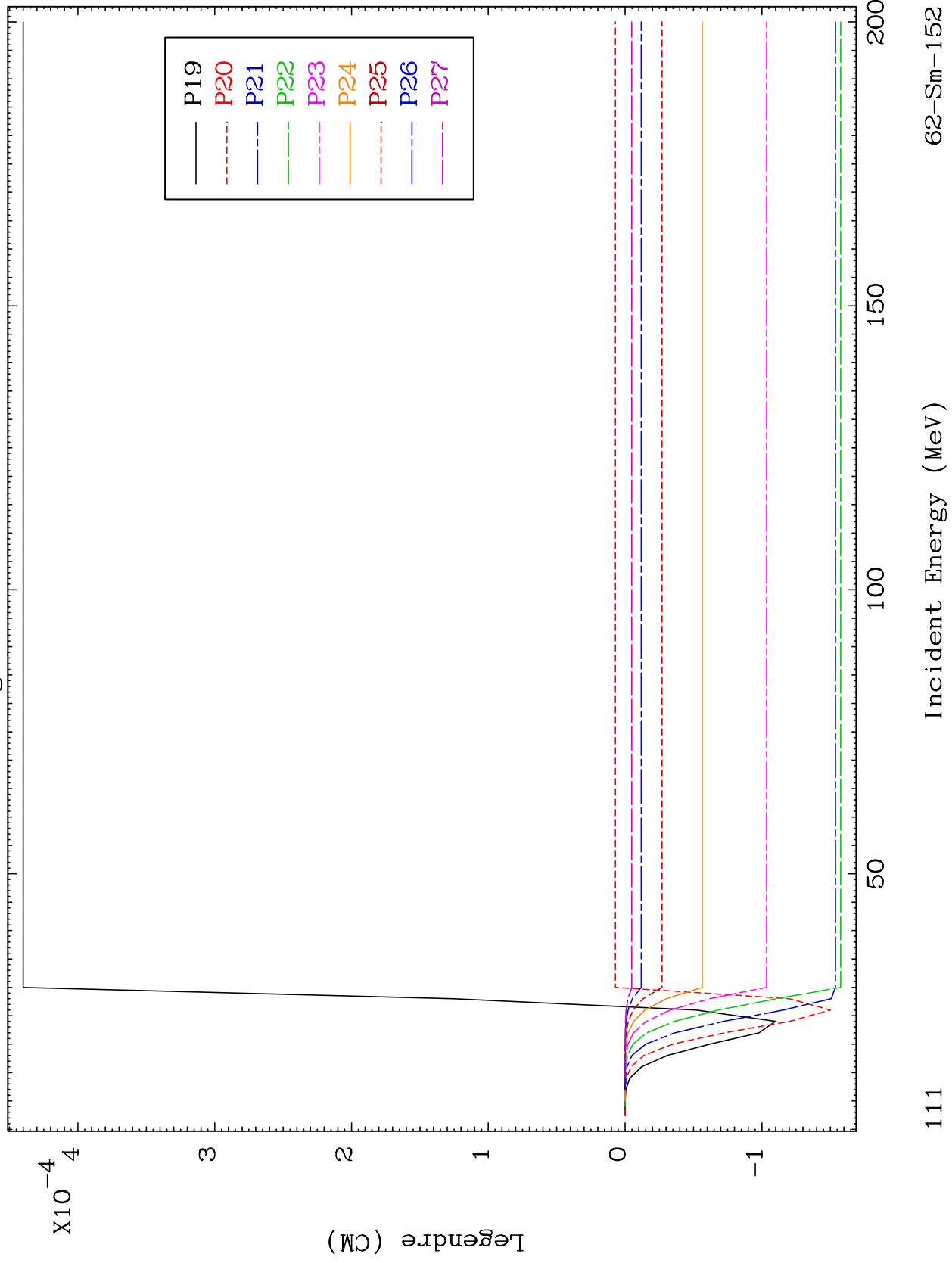
Incident Energy (MeV)

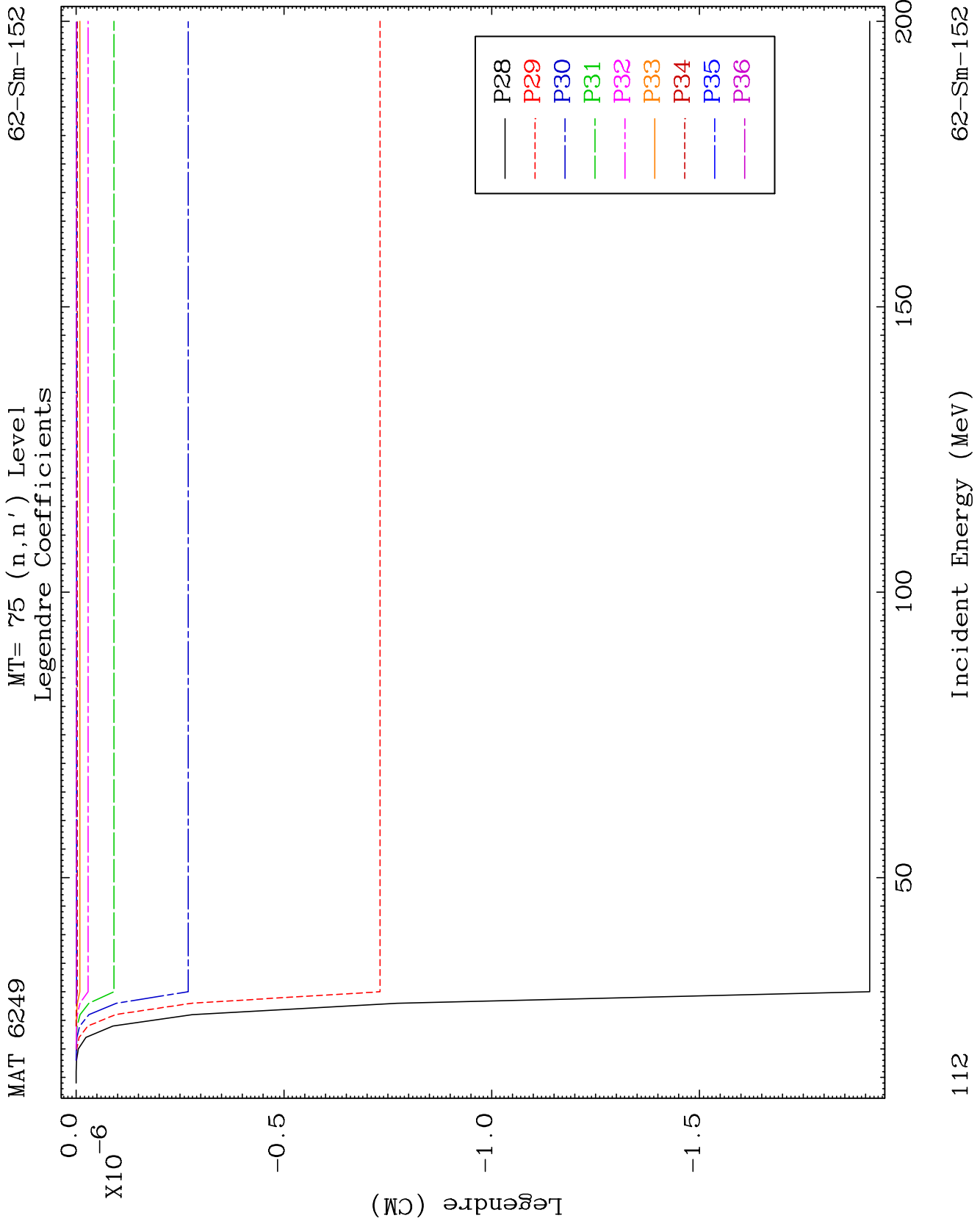
110

MAT 6249

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

62-Sm-152

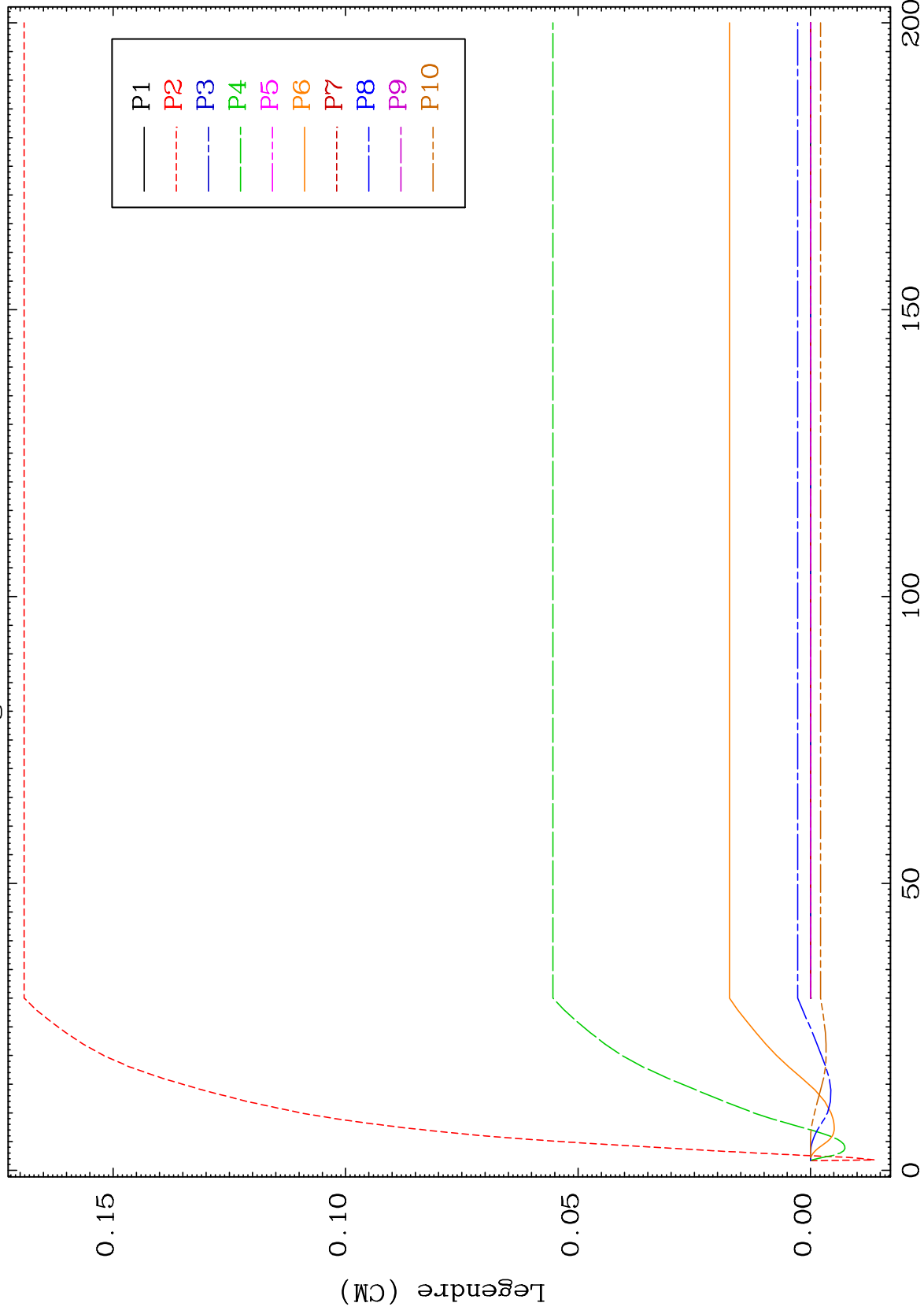




MAT 6249

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

62-Sm-152



113

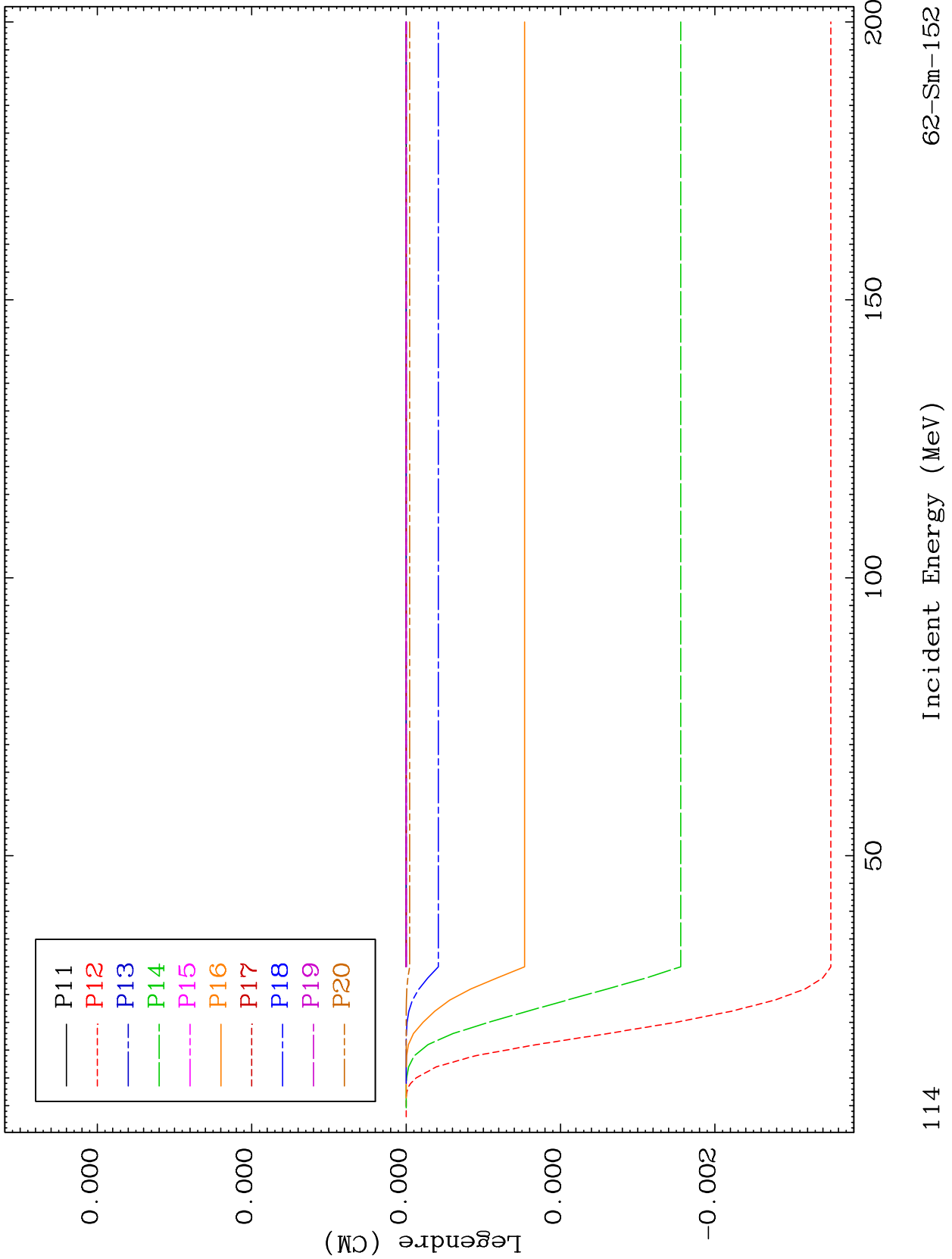
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

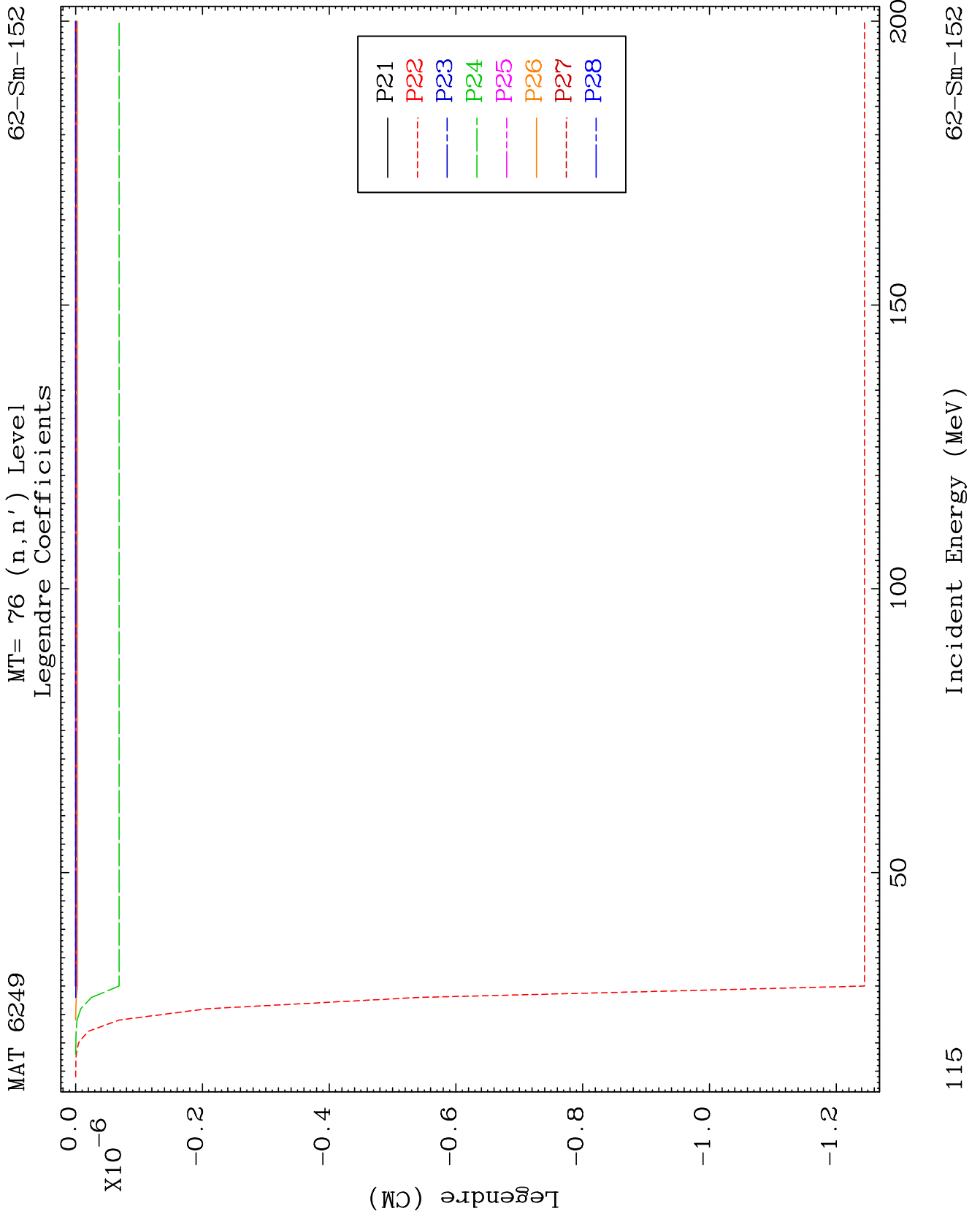
62-Sm-152

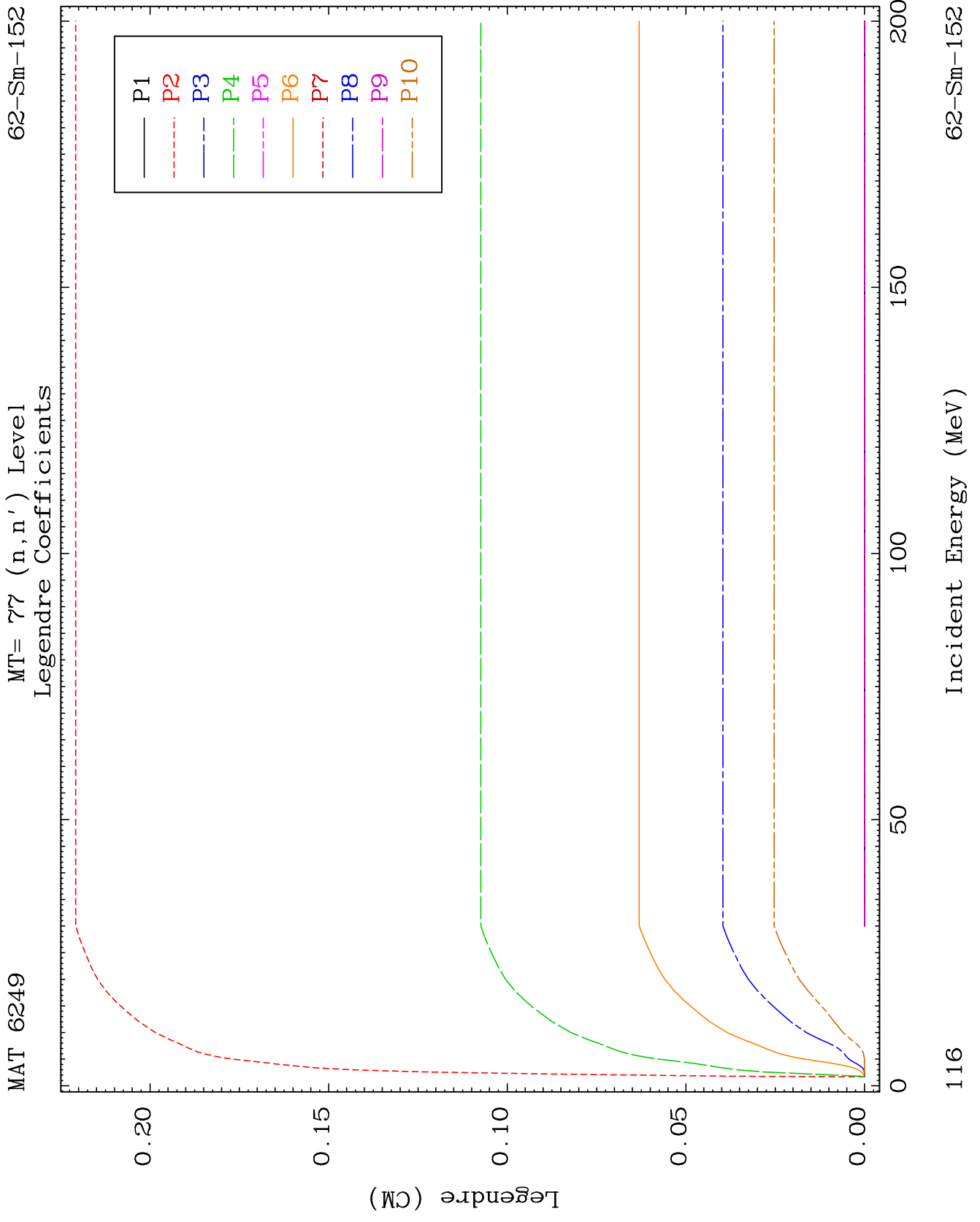


114

Incident Energy (MeV)

62-Sm-152

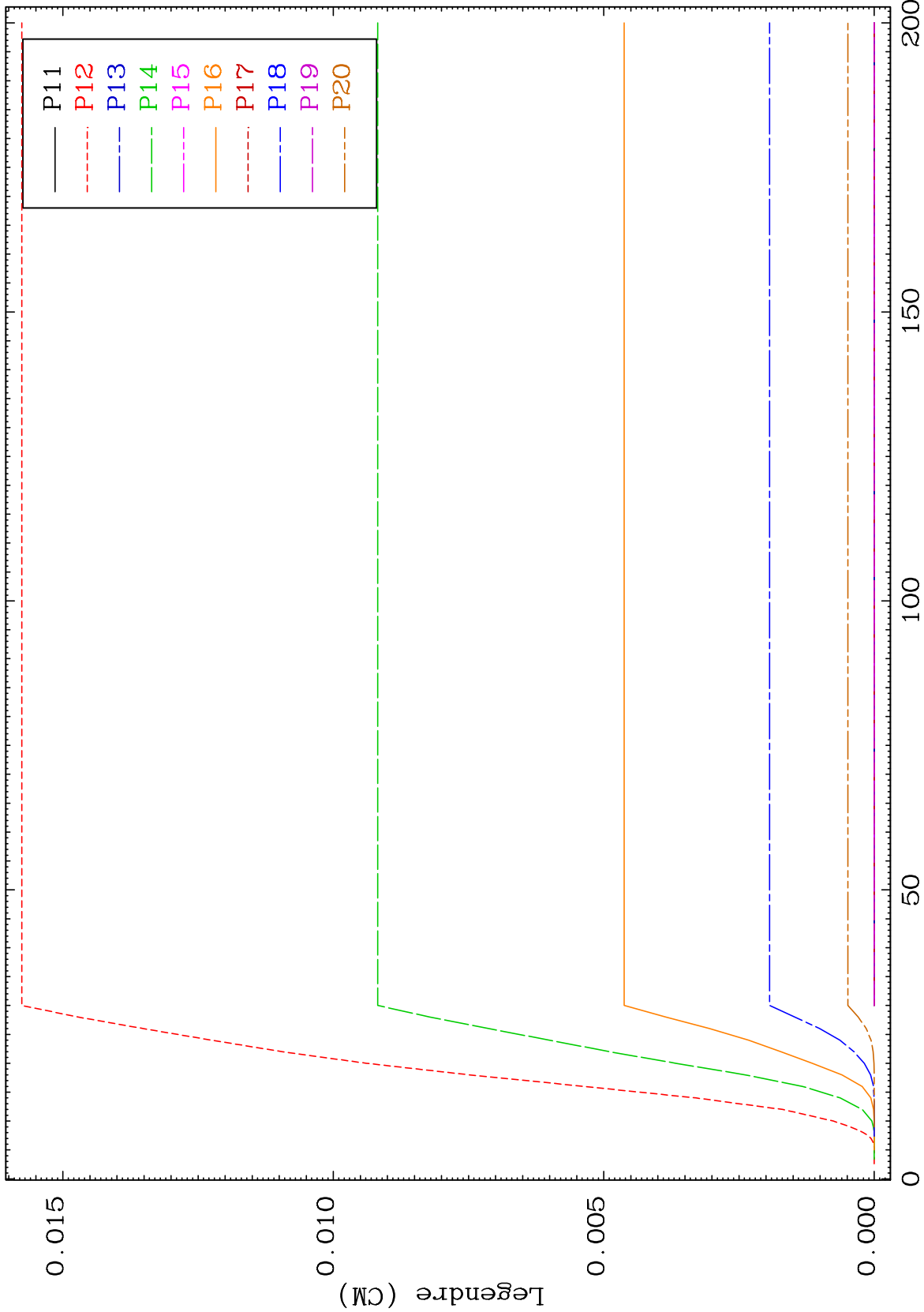




MAT 6249

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

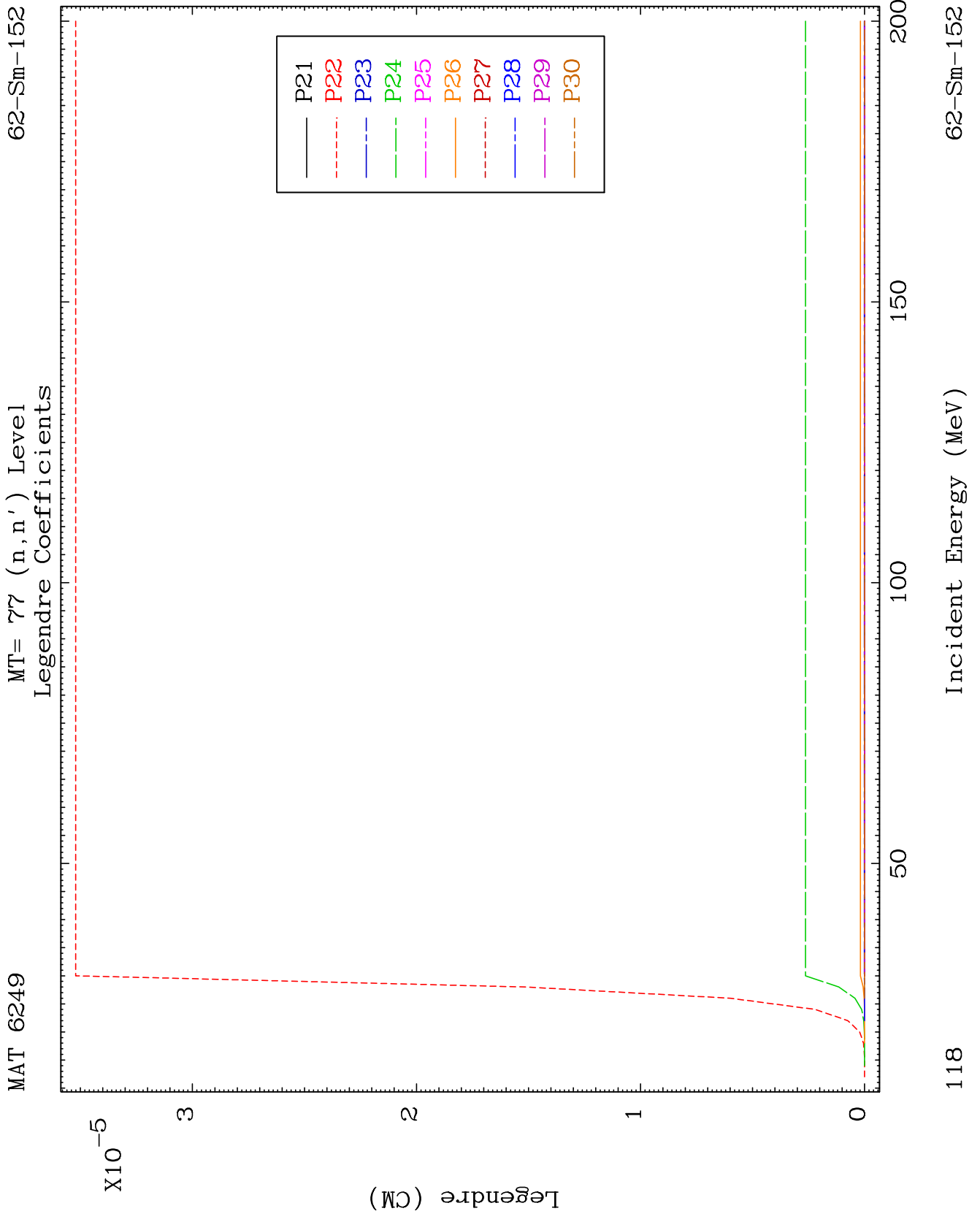
62-Sm-152



117

Incident Energy (MeV)

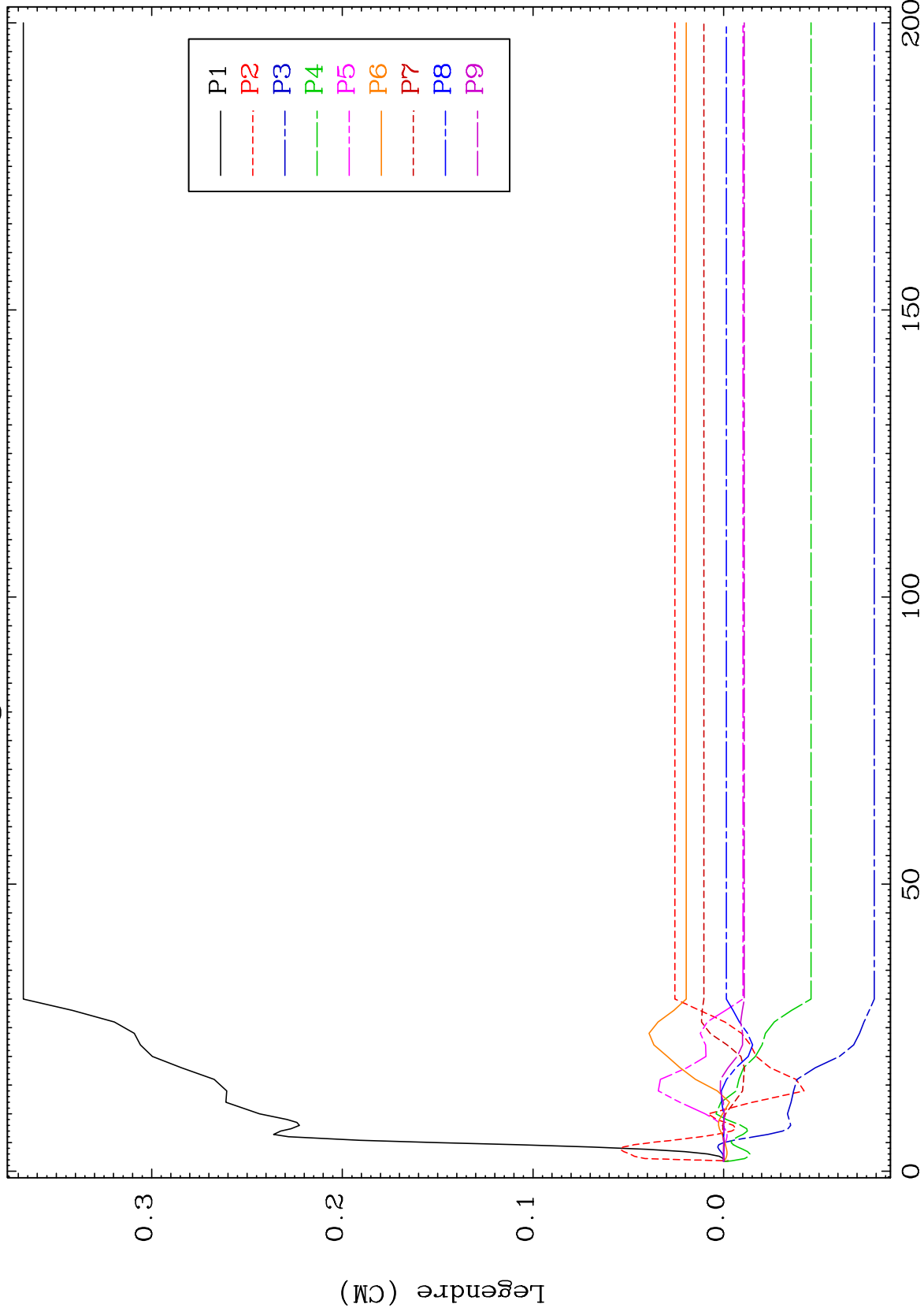
62-Sm-152



MAT 6249

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

62-Sm-152



119

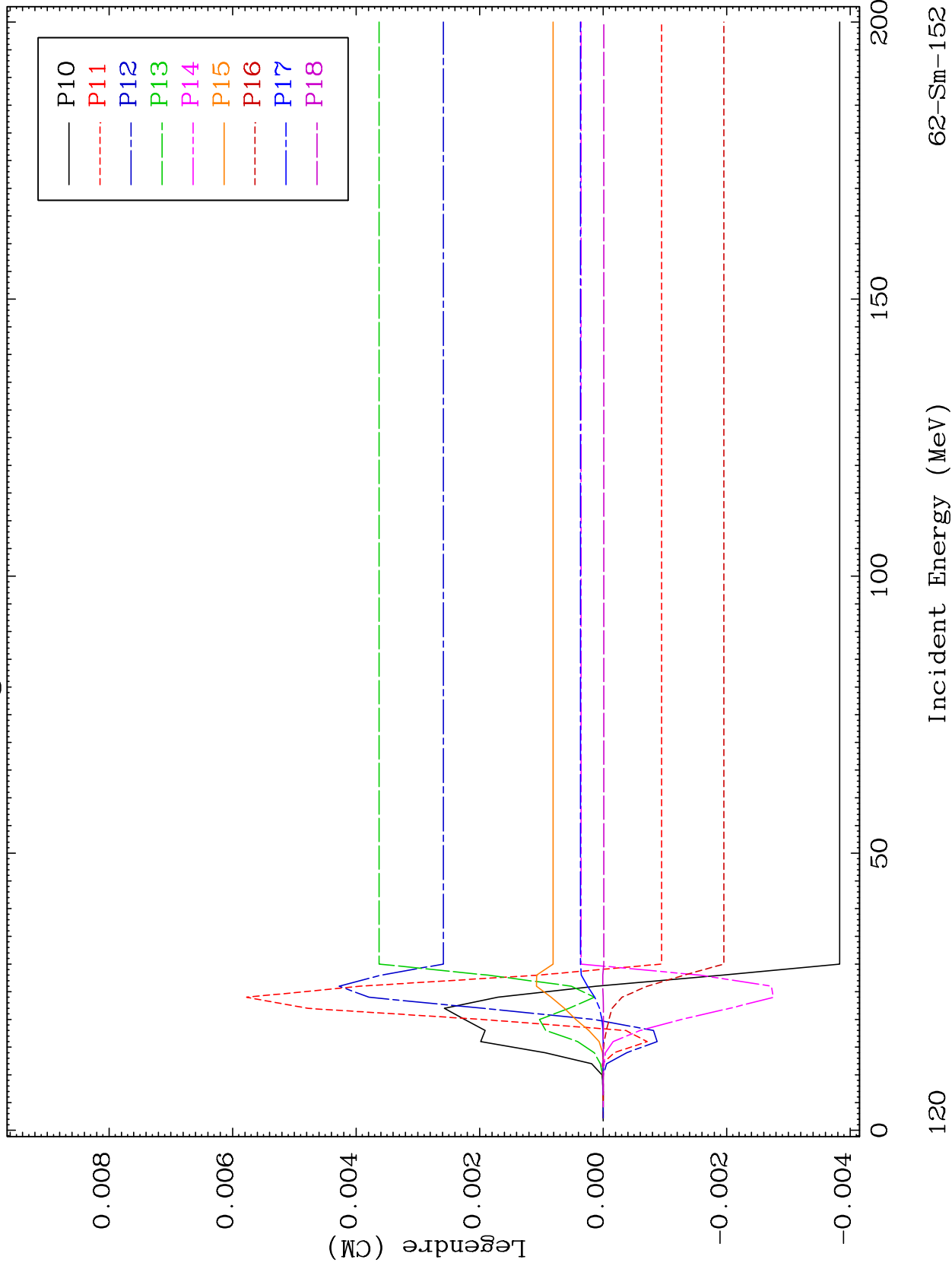
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

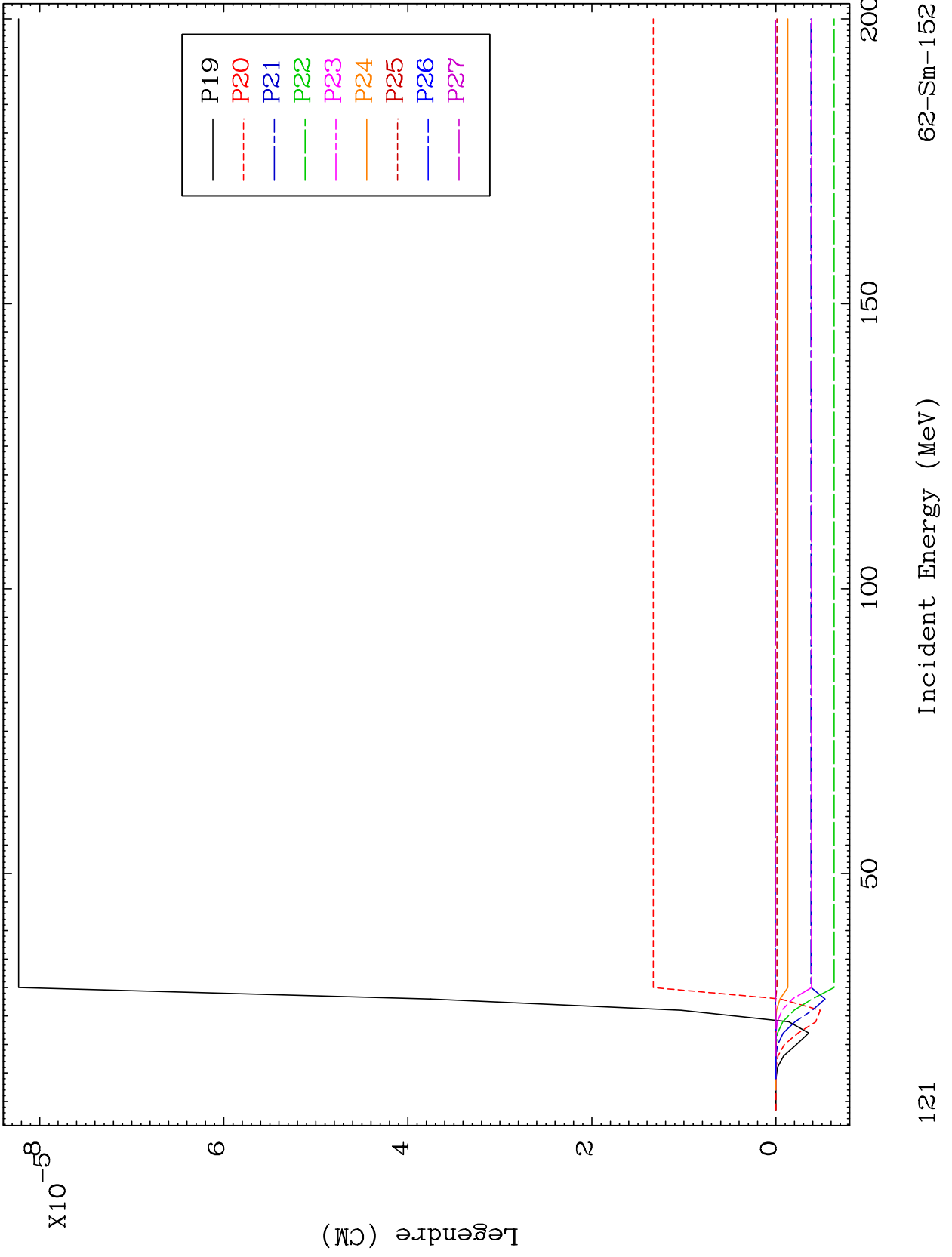
Incident Energy (MeV)

120

MAT 6249

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

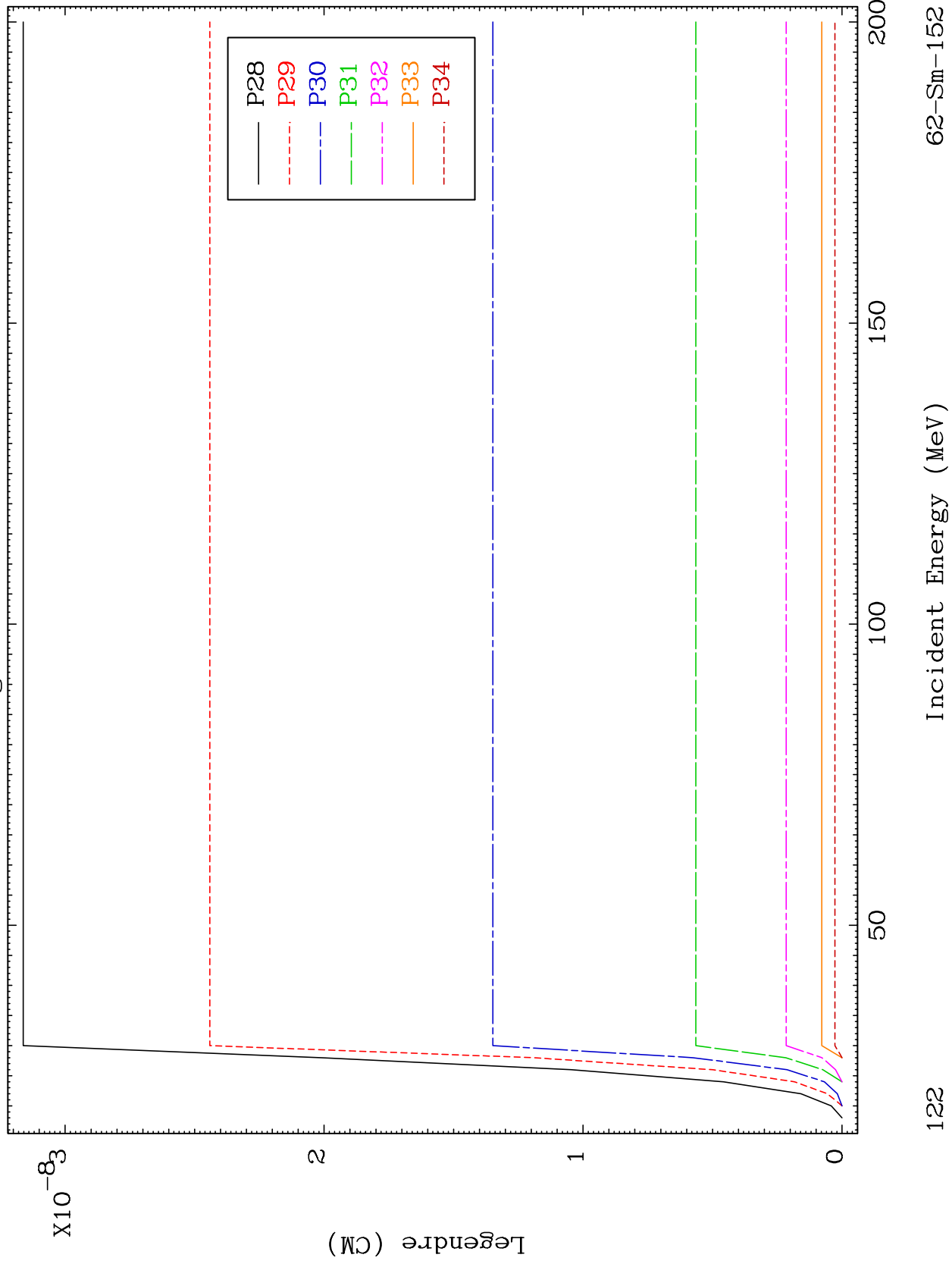
62-Sm-152



MAT 6249

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

62-Sm-152



122

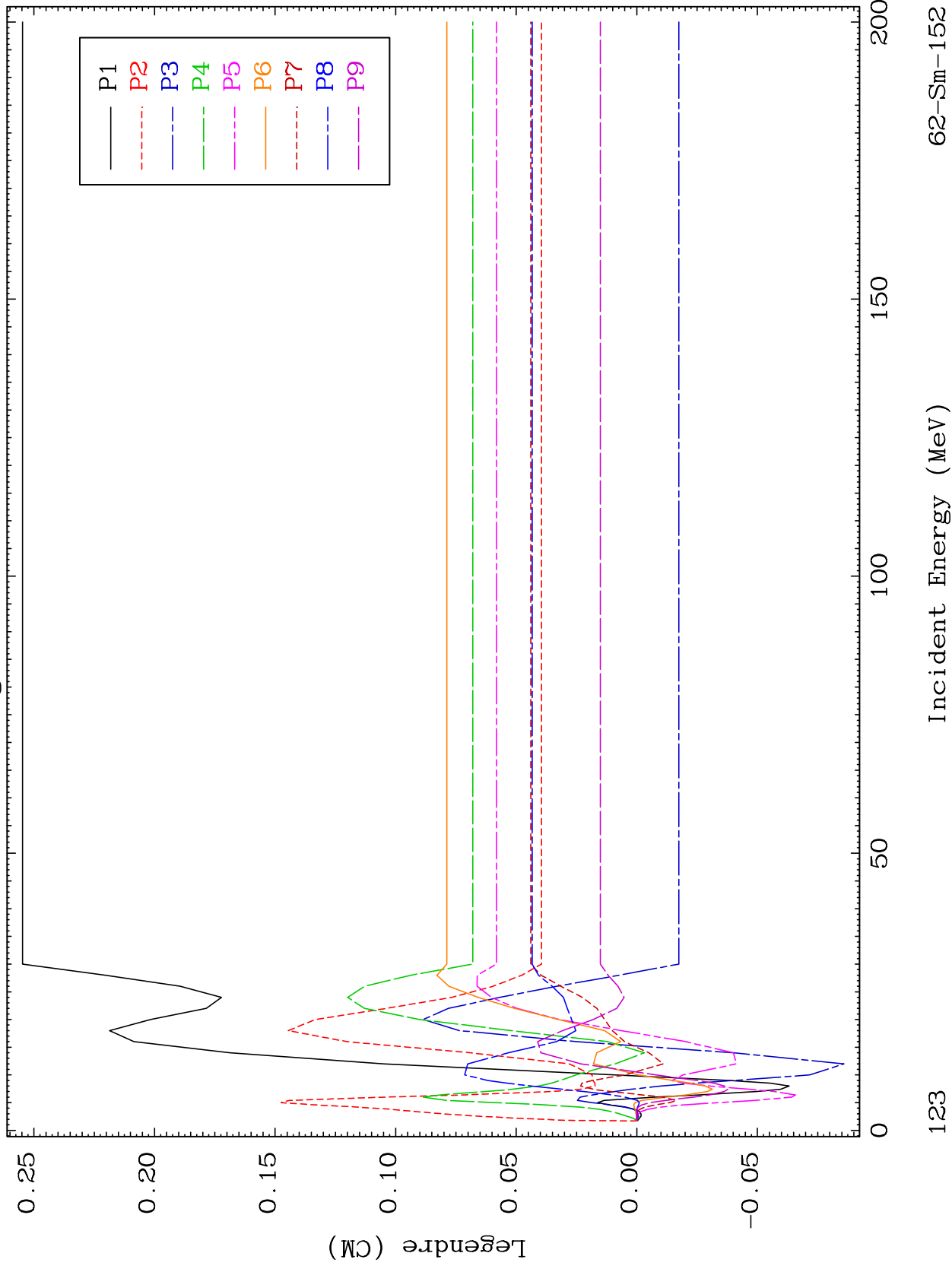
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



123

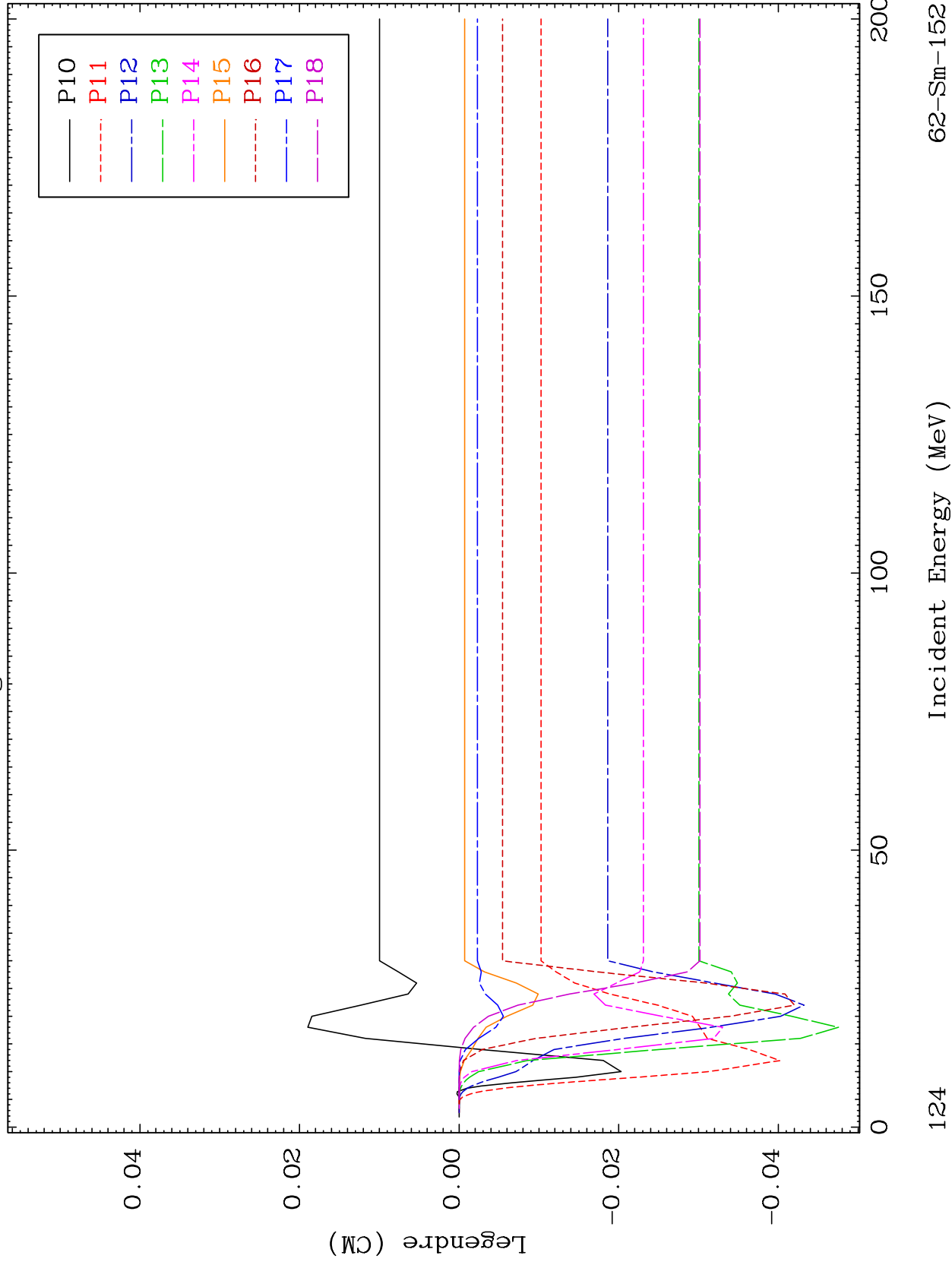
Incident Energy (MeV)

62-Sm-152

MAT 6249

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

62-Sm-152



62-Sm-152

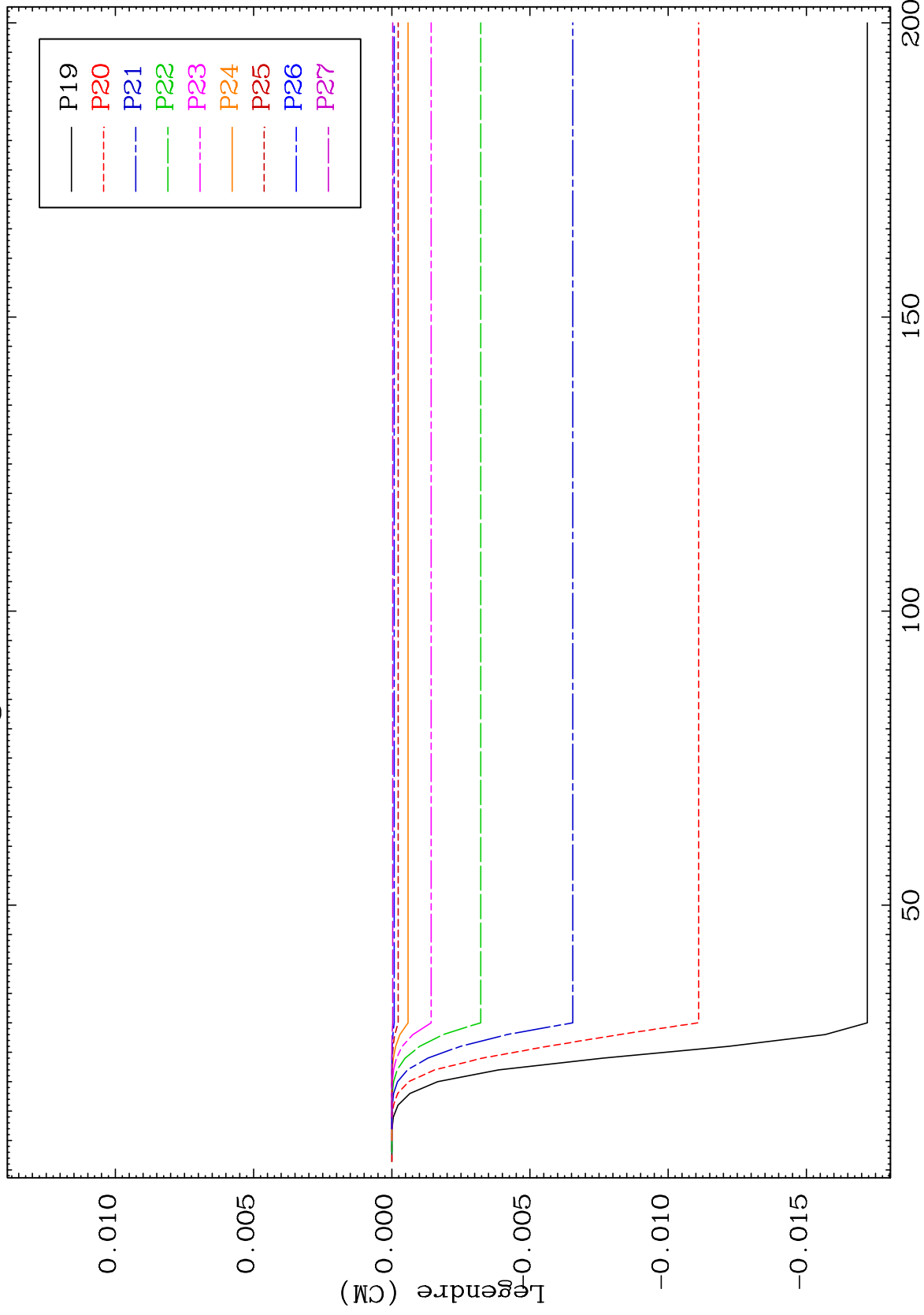
Incident Energy (MeV)

124

MAT 6249

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

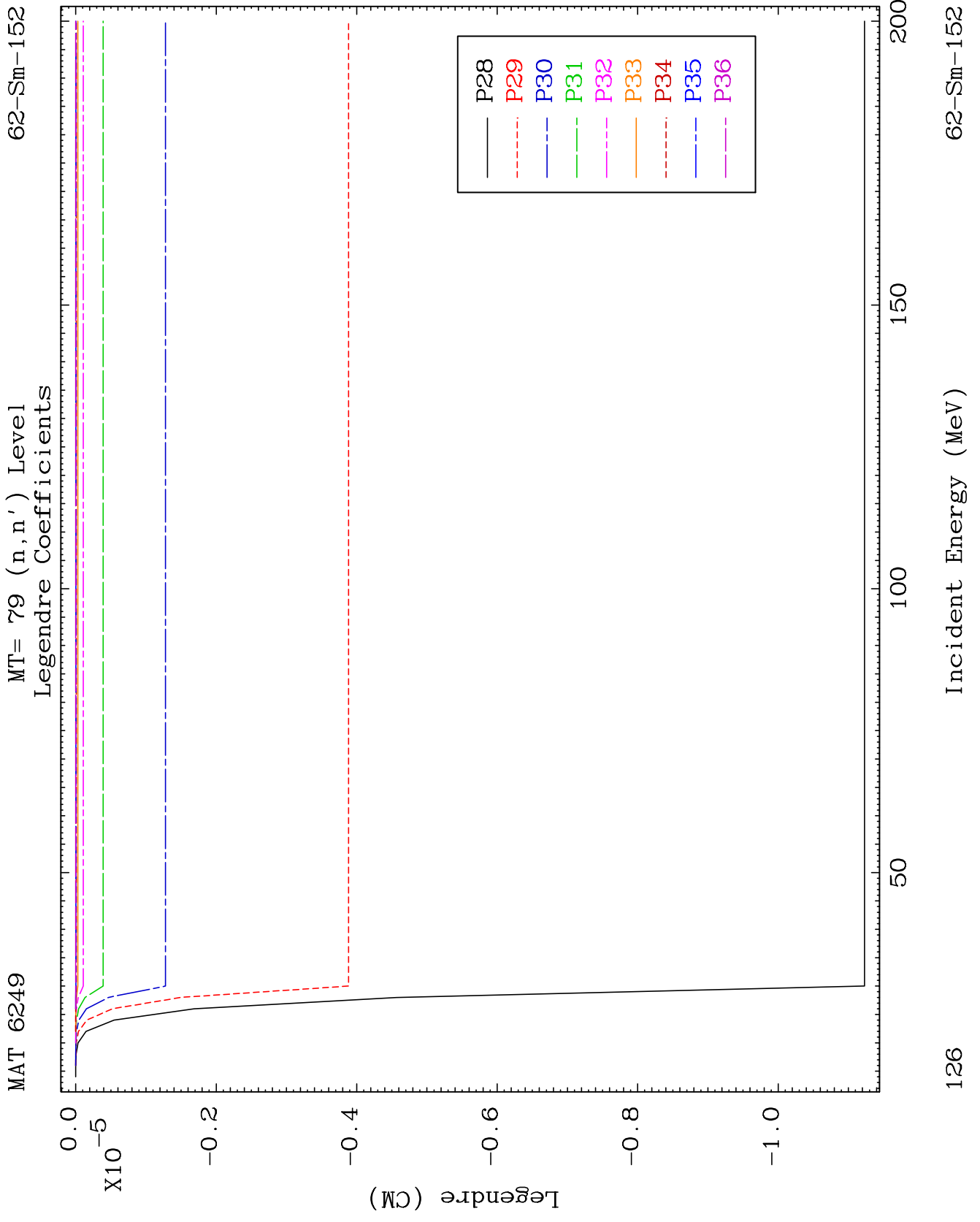
62-Sm-152



125

Incident Energy (MeV)

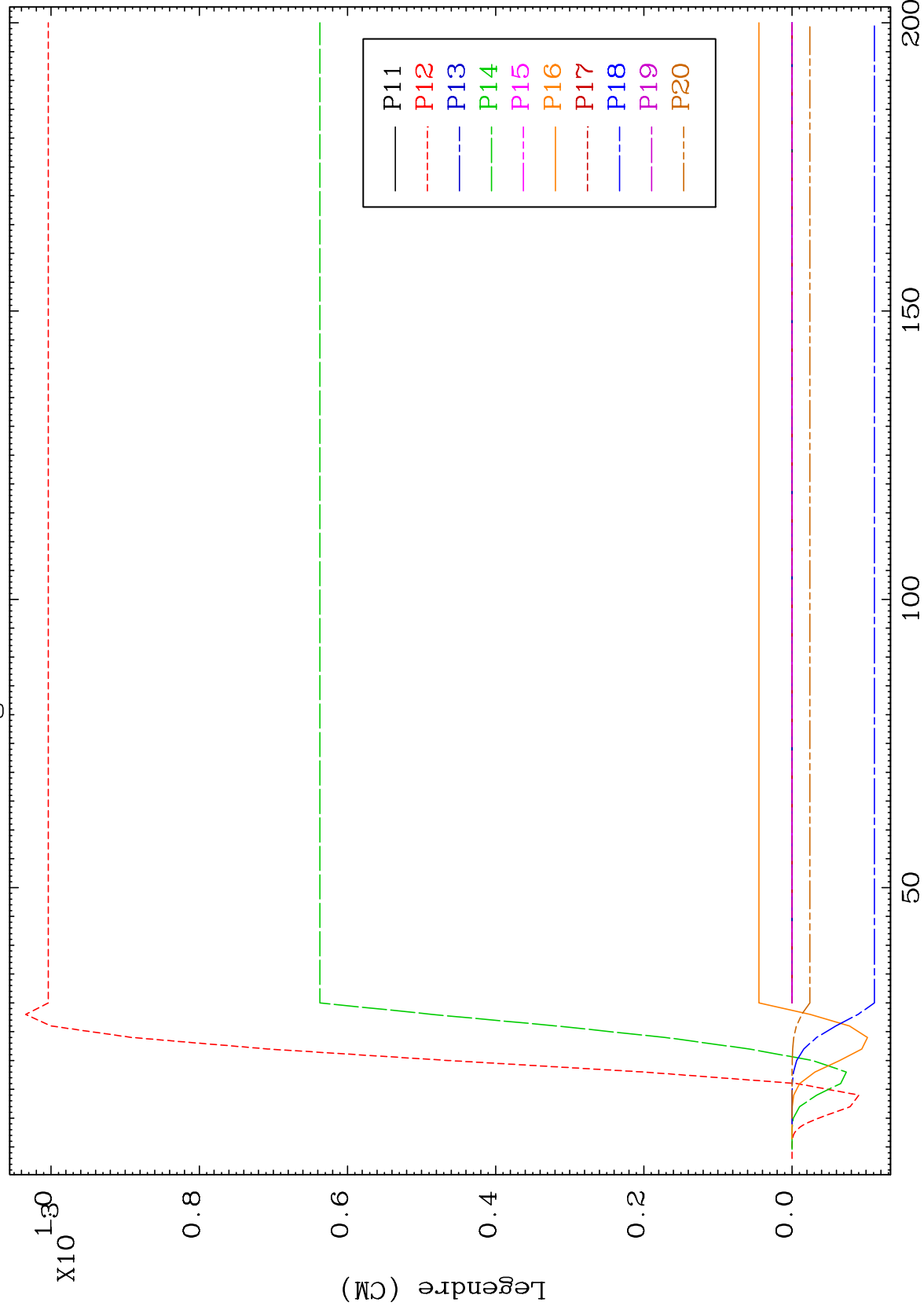
62-Sm-152



MAT 6249

MT= 80 (n,n') Level
Legendre Coefficients

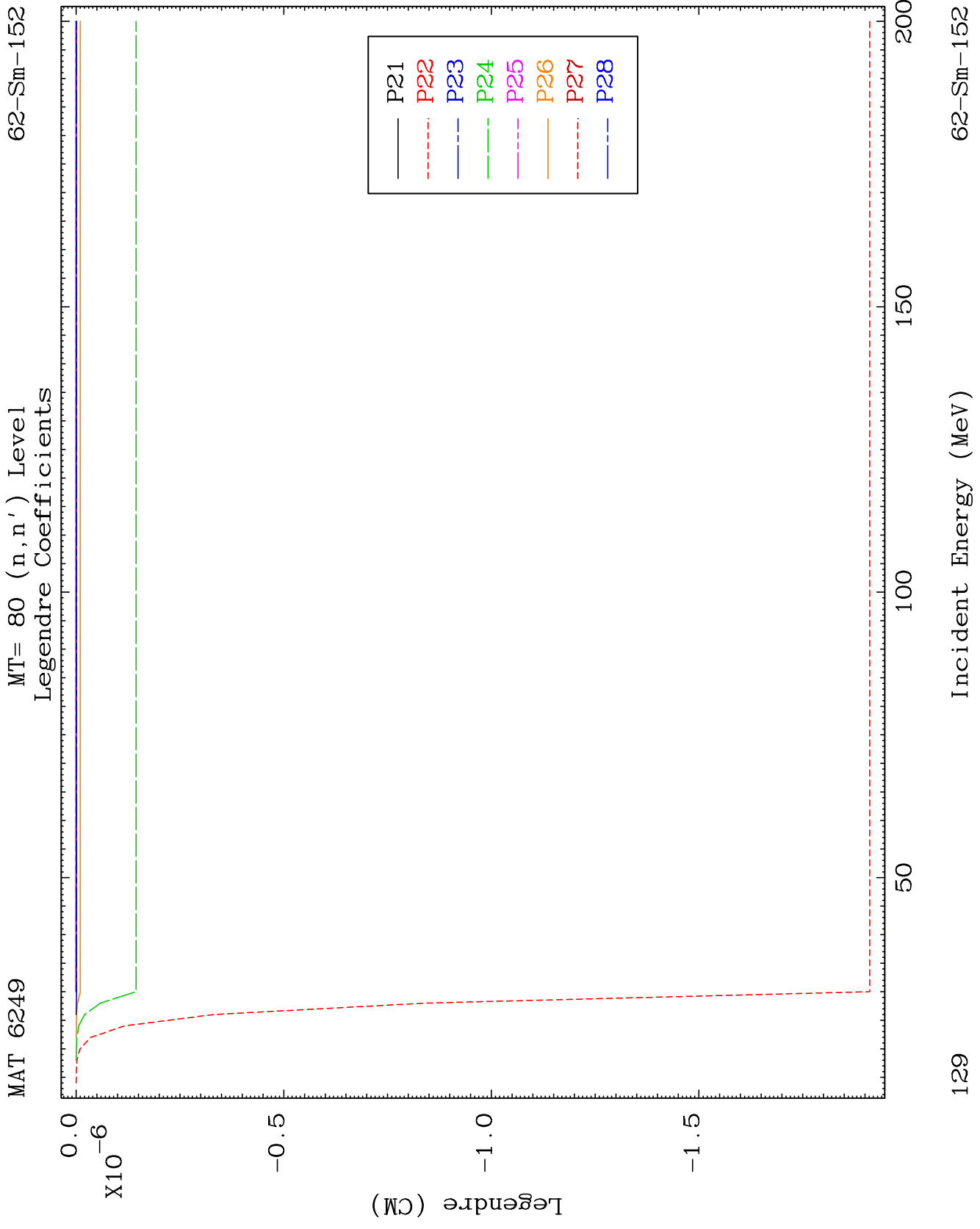
62-Sm-152



128

Incident Energy (MeV)

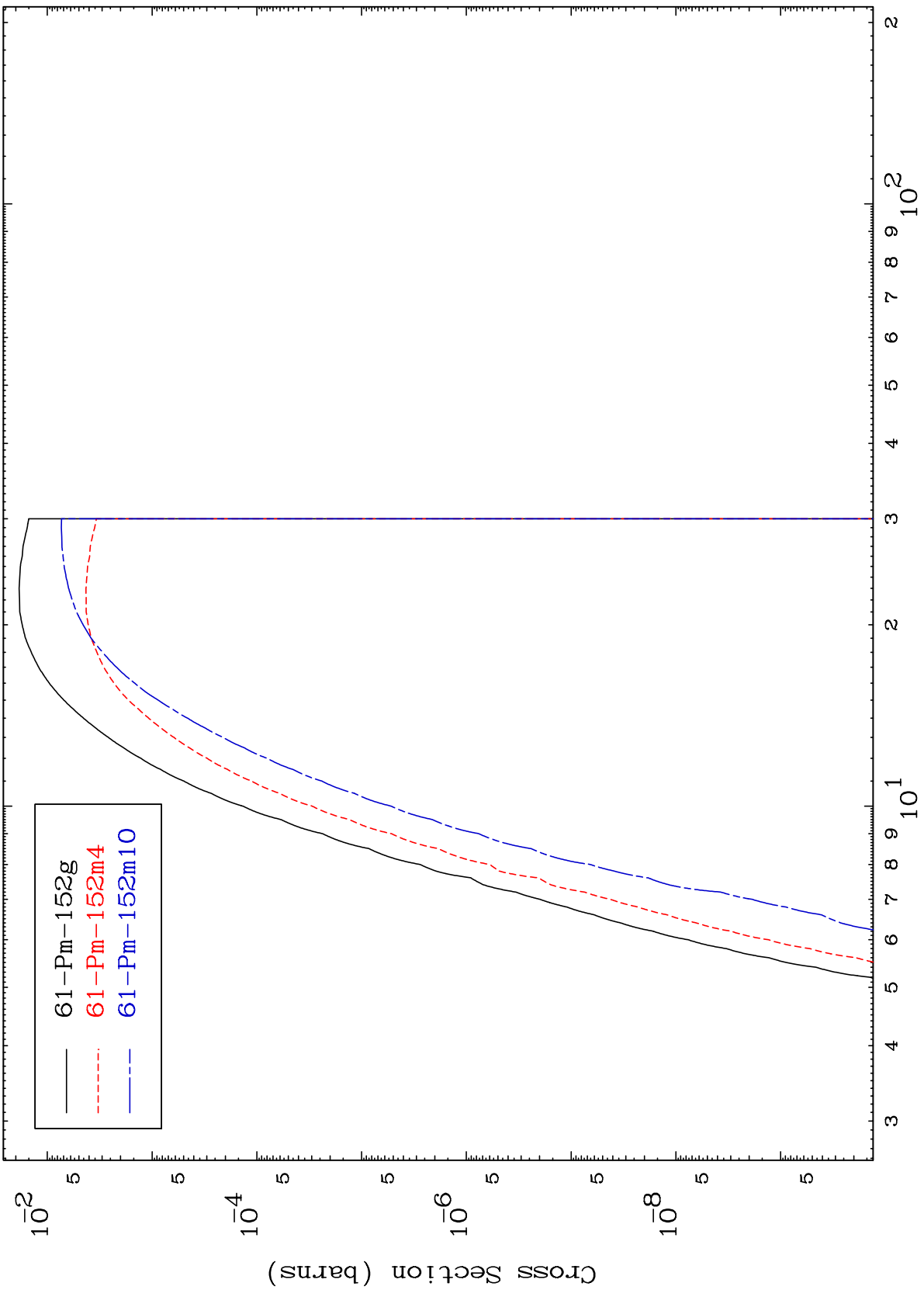
62-Sm-152



MAT 6249

62-Sm-152

(n,p)
Radionuclide Production Cross Section



130

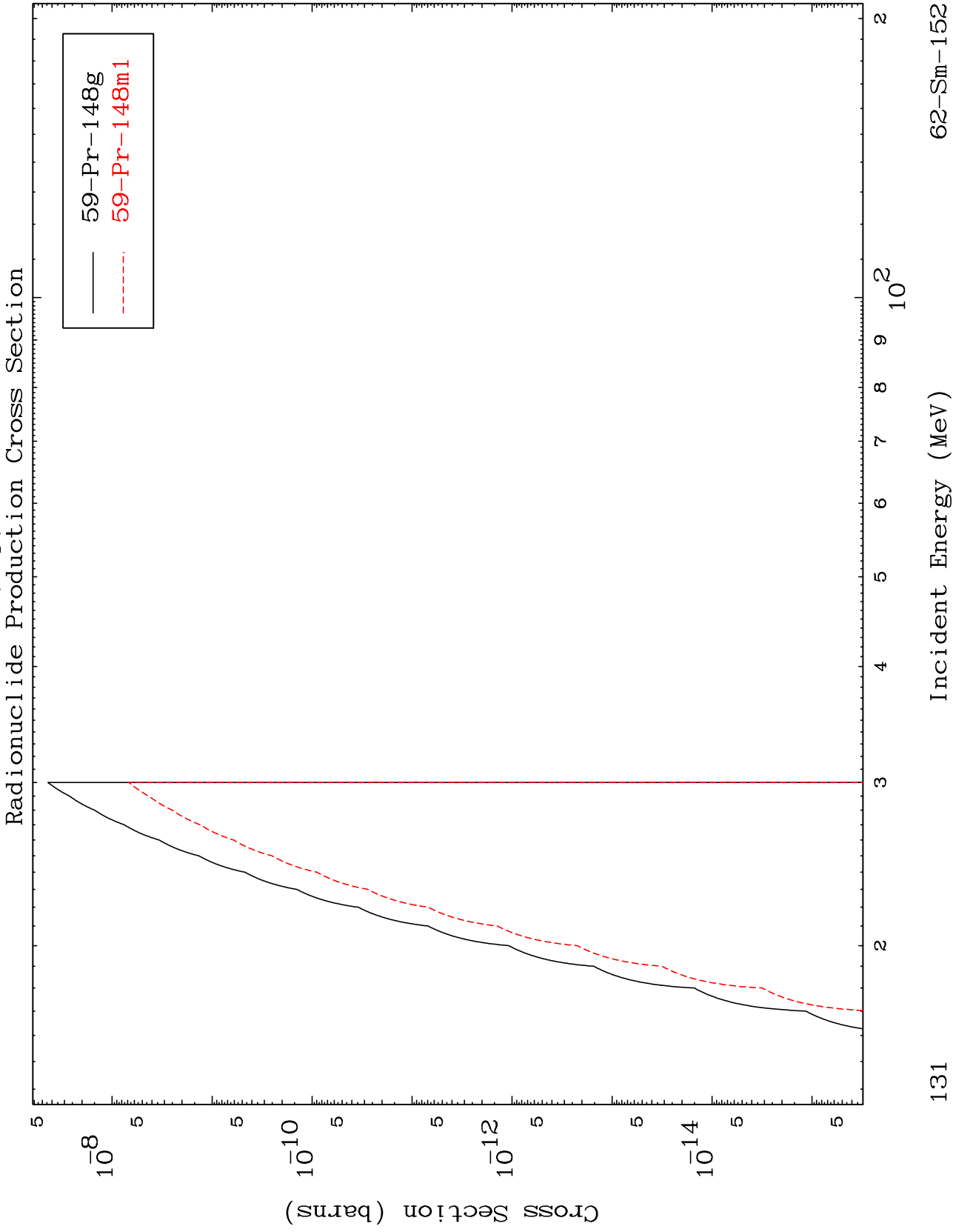
Incident Energy (MeV)

62-Sm-152

MAT 6249

(n,p) α

62-Sm-152



131

Incident Energy (MeV)

62-Sm-152