

Program EVALPLOT
(Version 2021-1)

by

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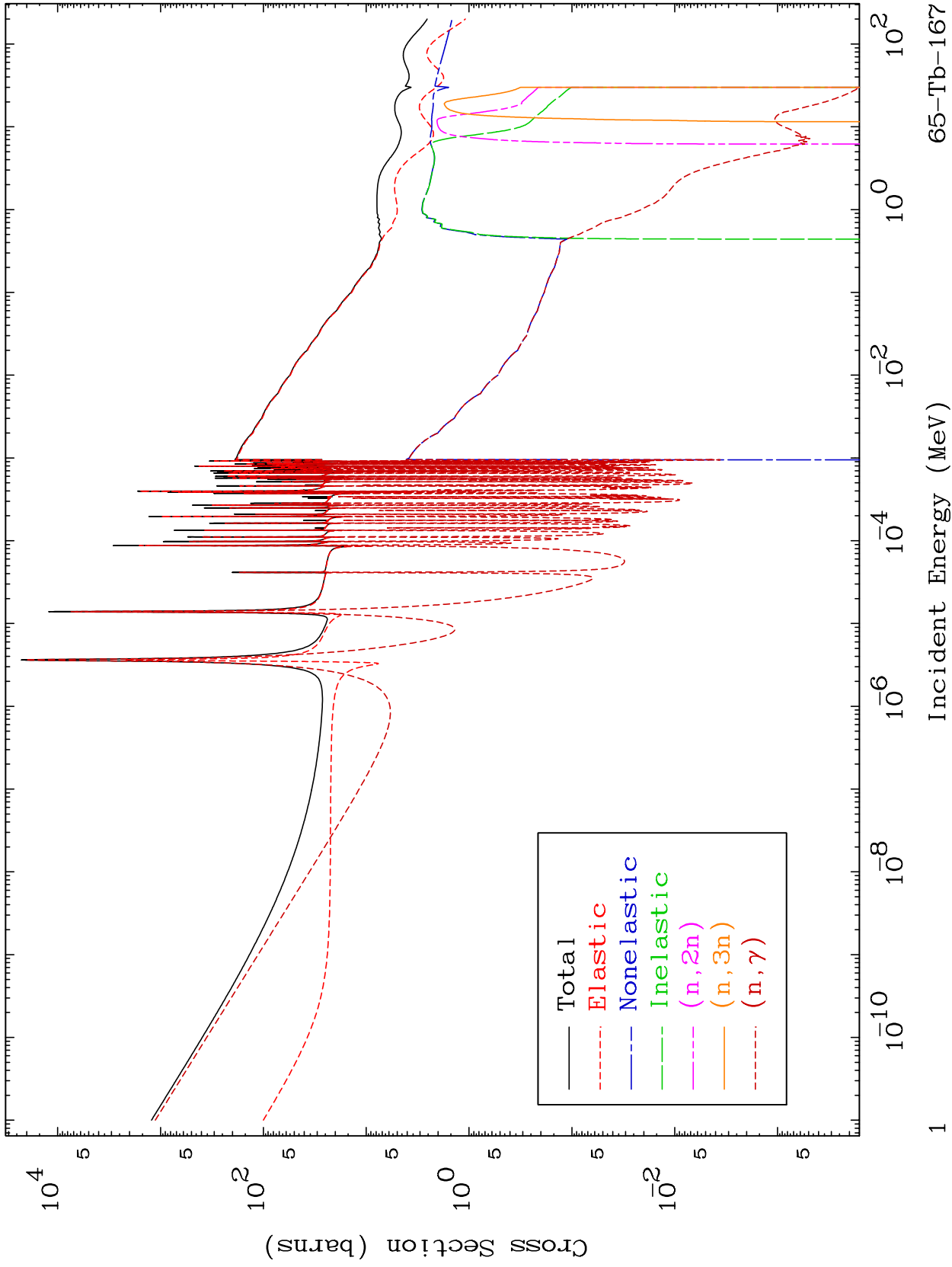
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6549

Neutron Major
293 Kelvin Cross Sections

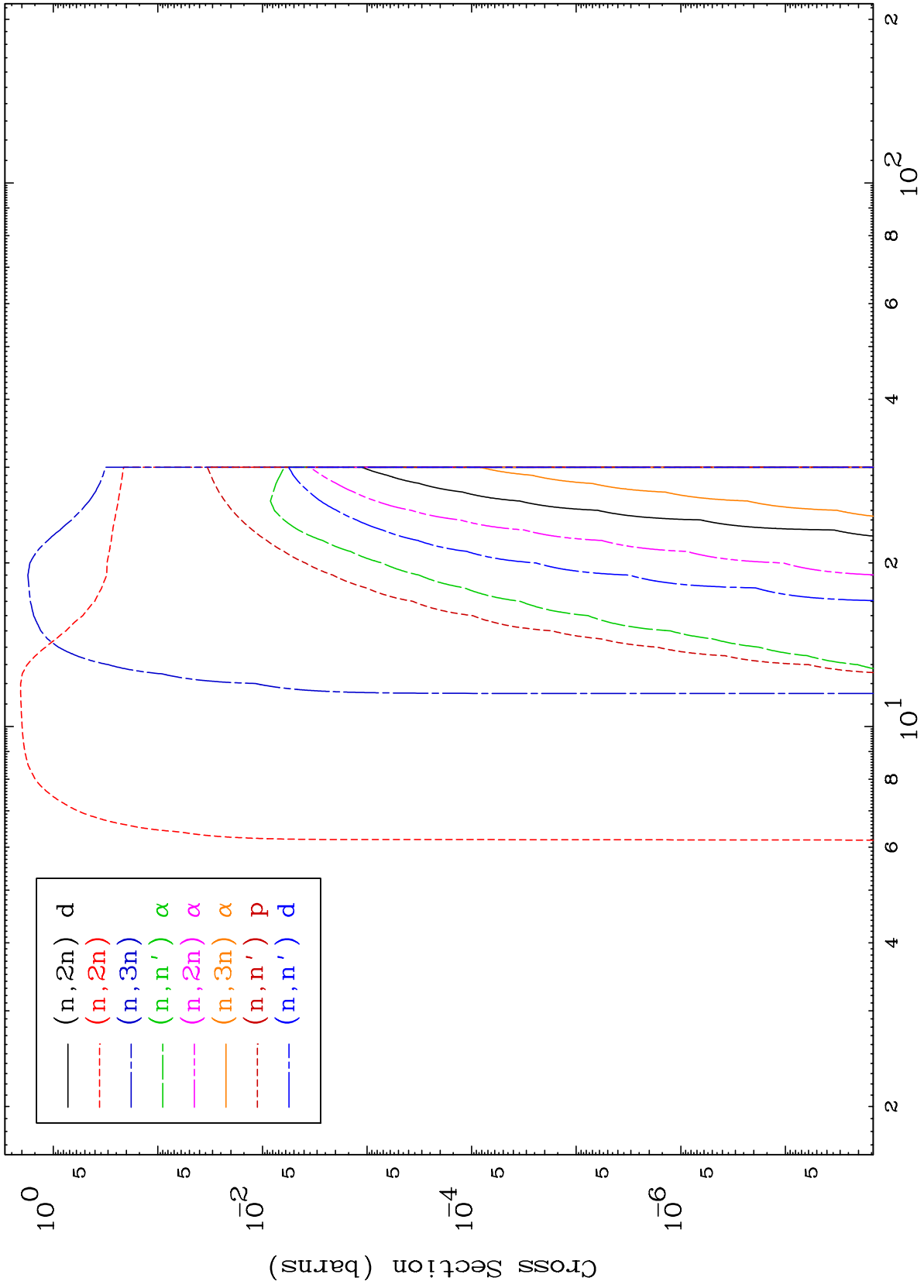
65-Tb-167



MAT 6549

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-167



2

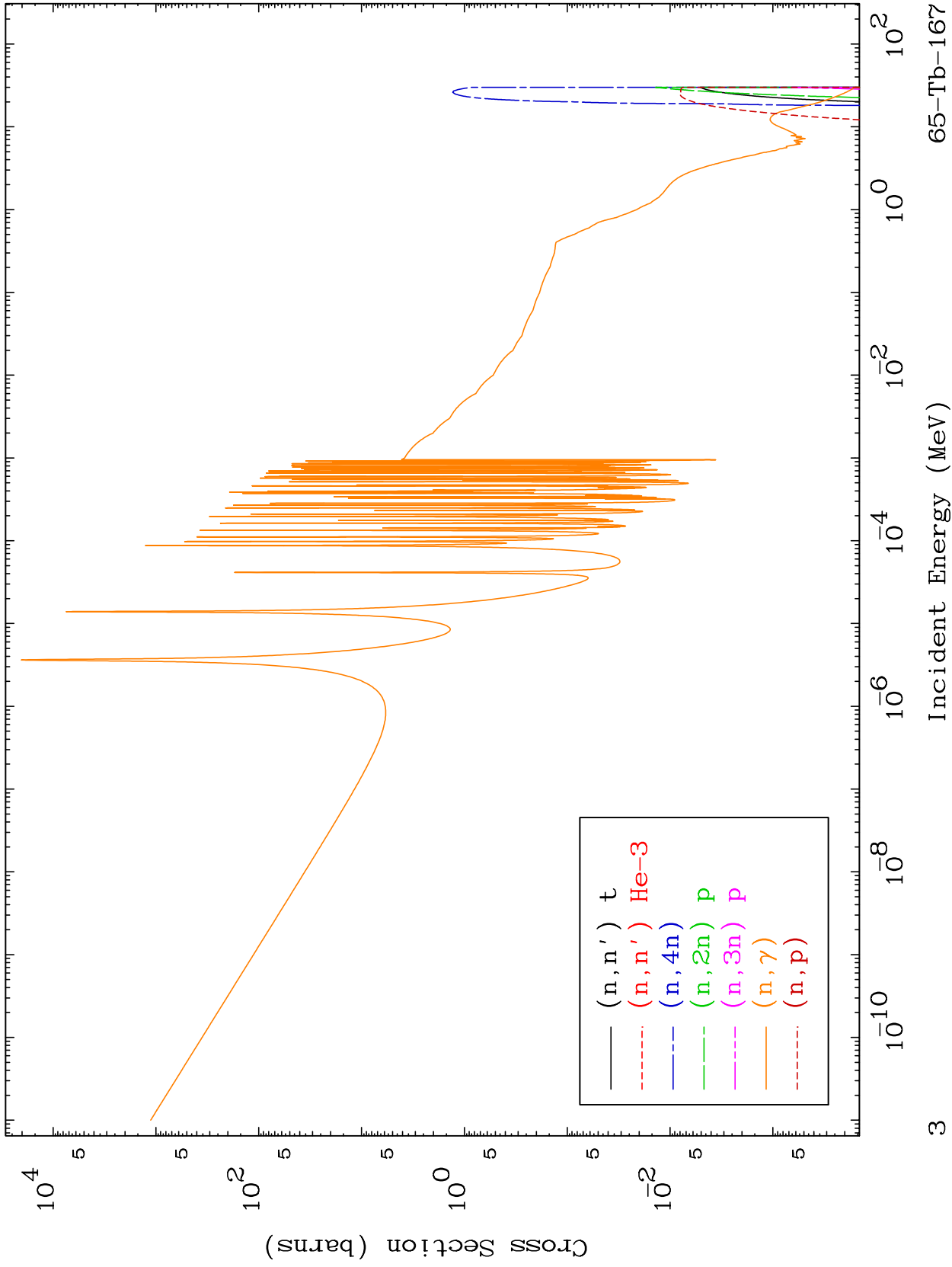
Incident Energy (MeV)

65-Tb-167

MAT 6549

Neutron Absorption
293 Kelvin Cross Sections

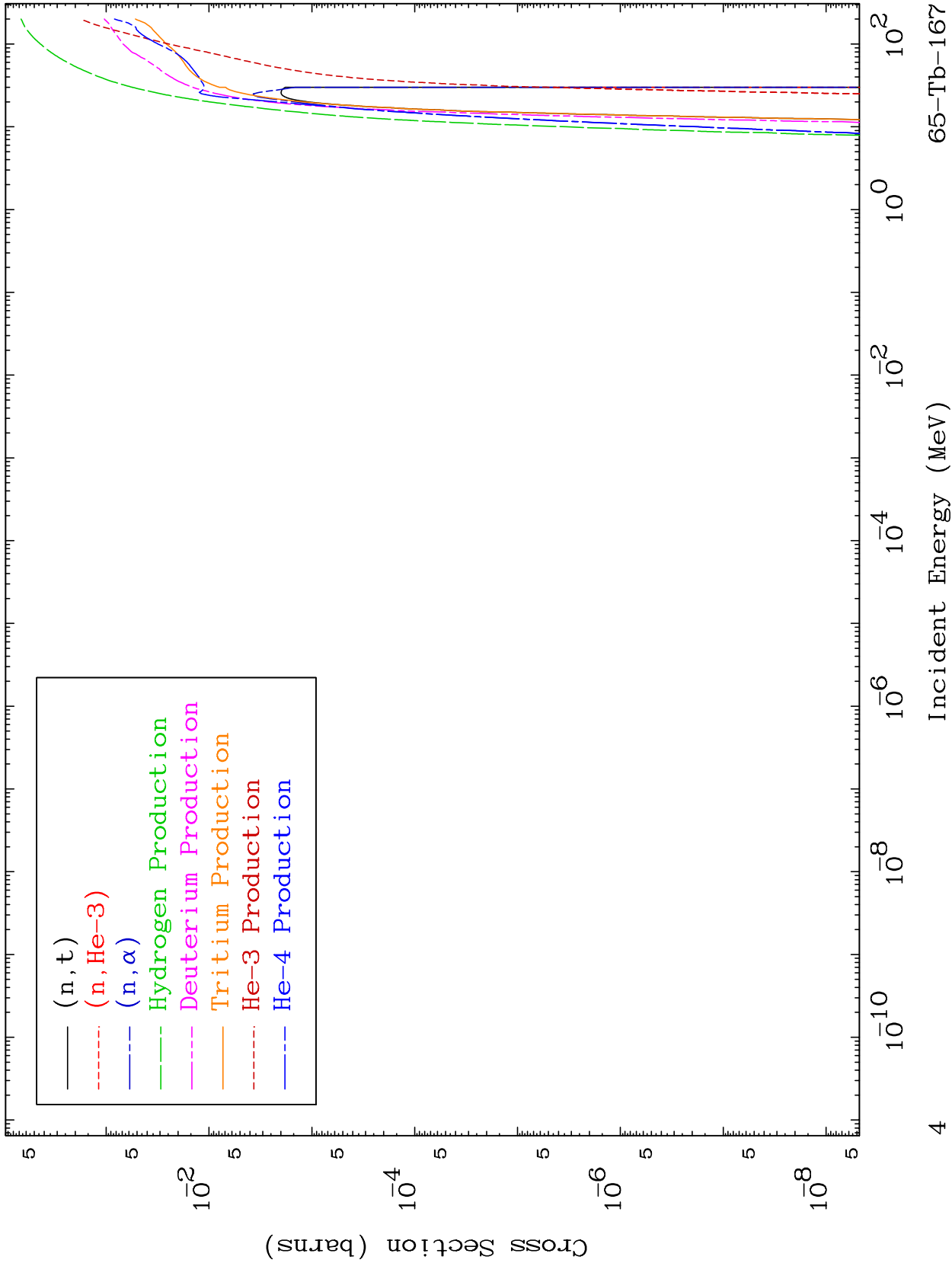
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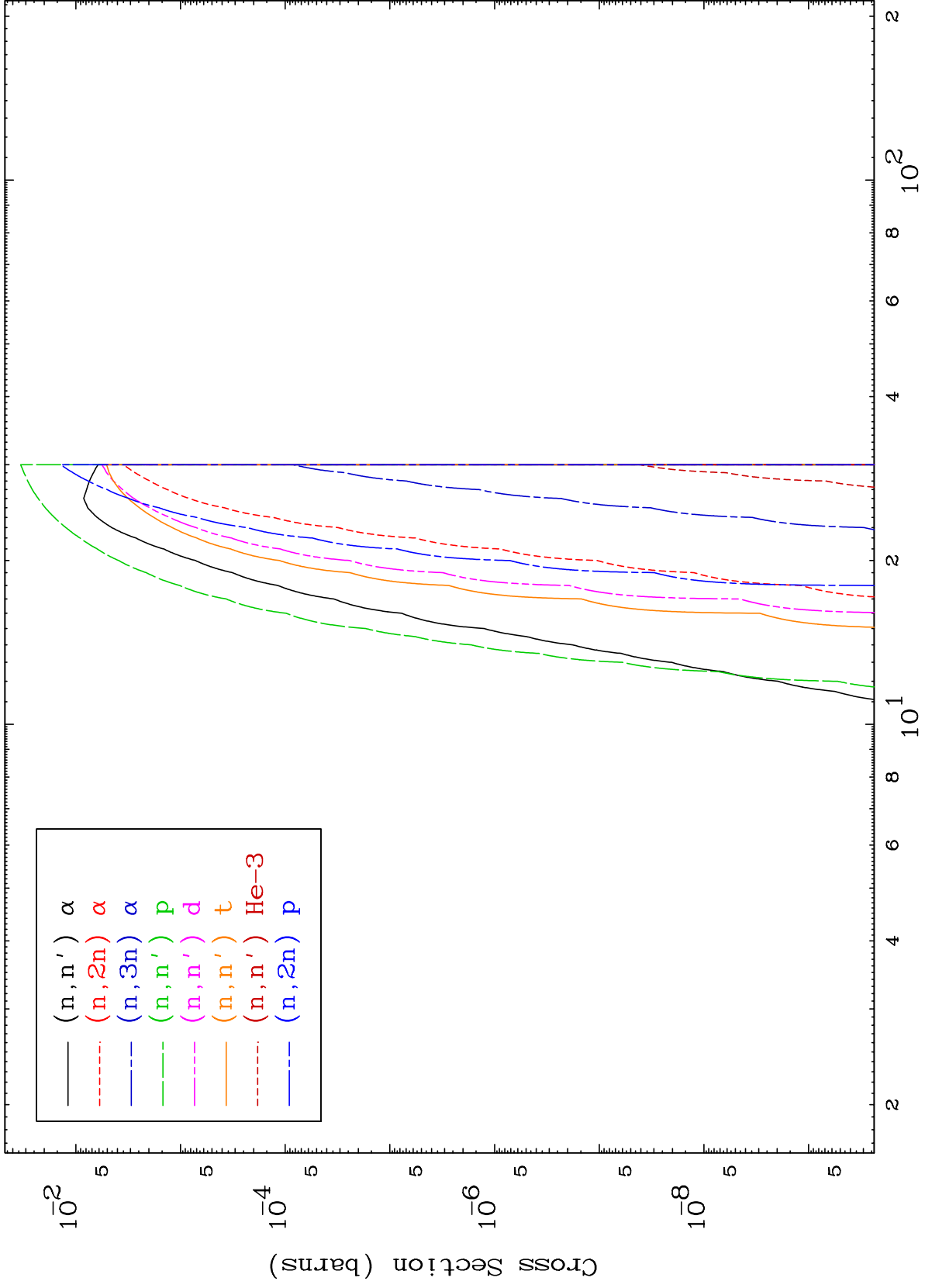


MAT 6549

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-167

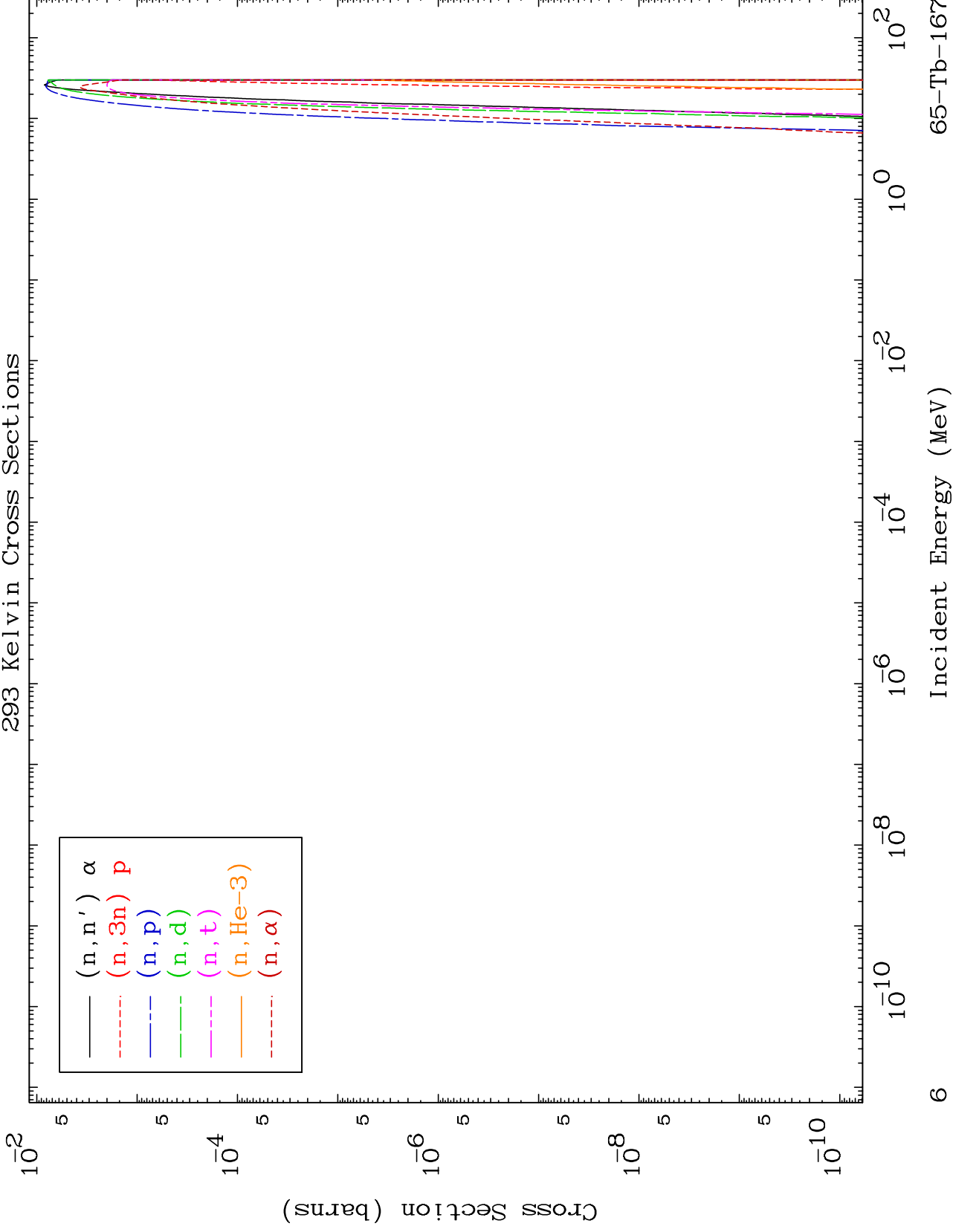




MAT 6549

Charged Particle
293 Kelvin Cross Sections

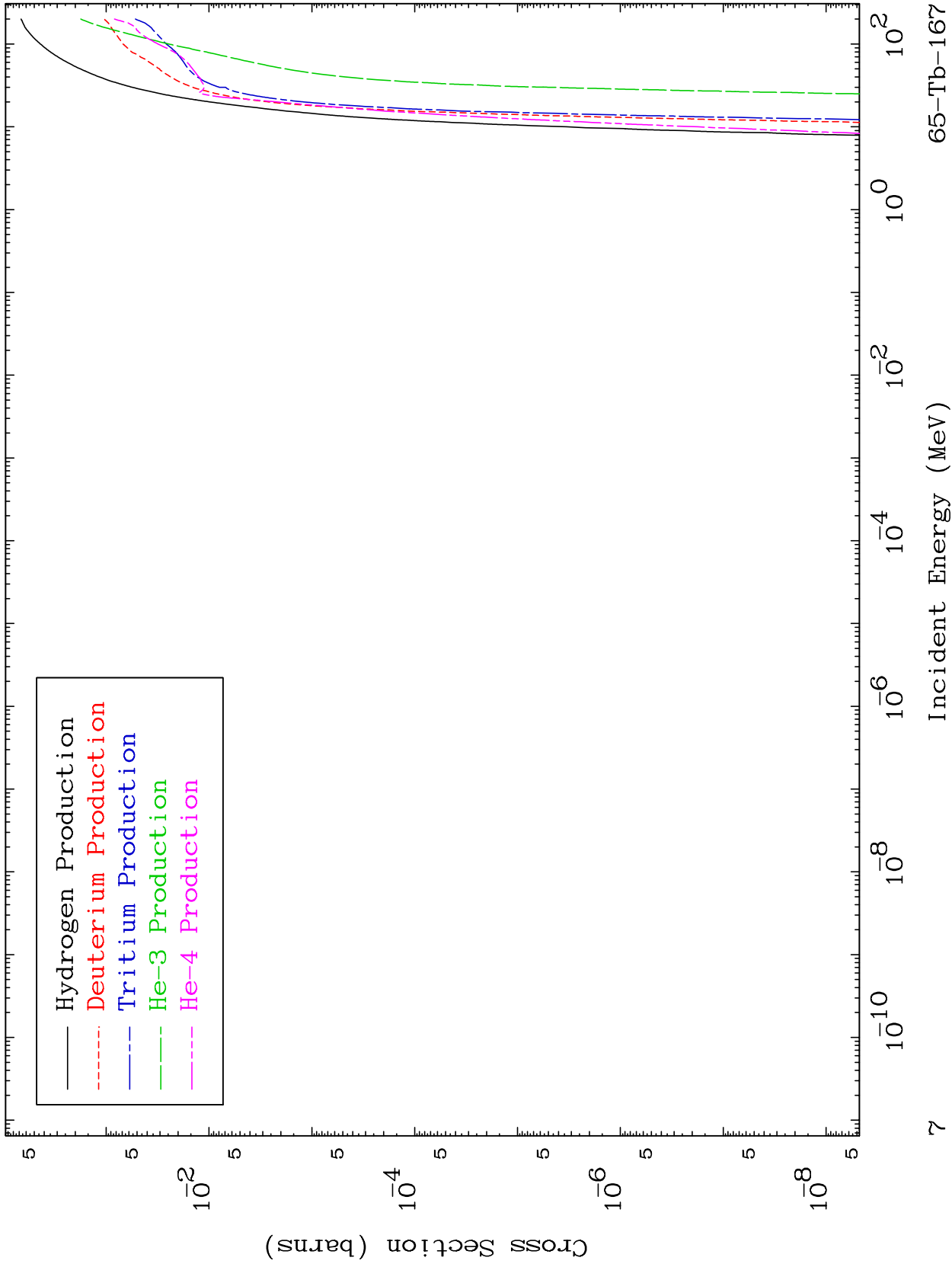
65-Tb-167



MAT 6549

Particle Production
293 Kelvin Cross Sections

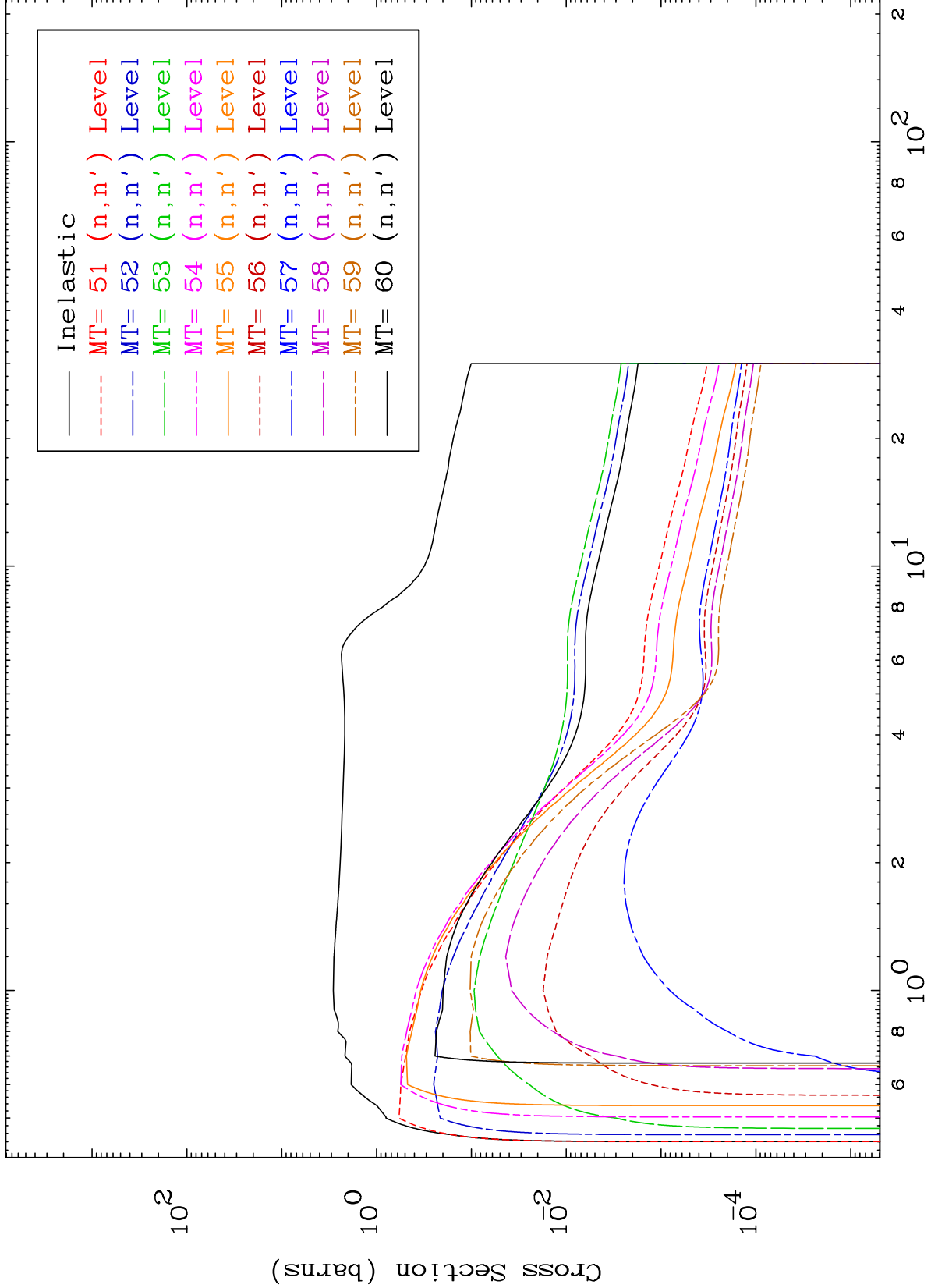
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MAT 6549

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-167



8

Incident Energy (MeV)

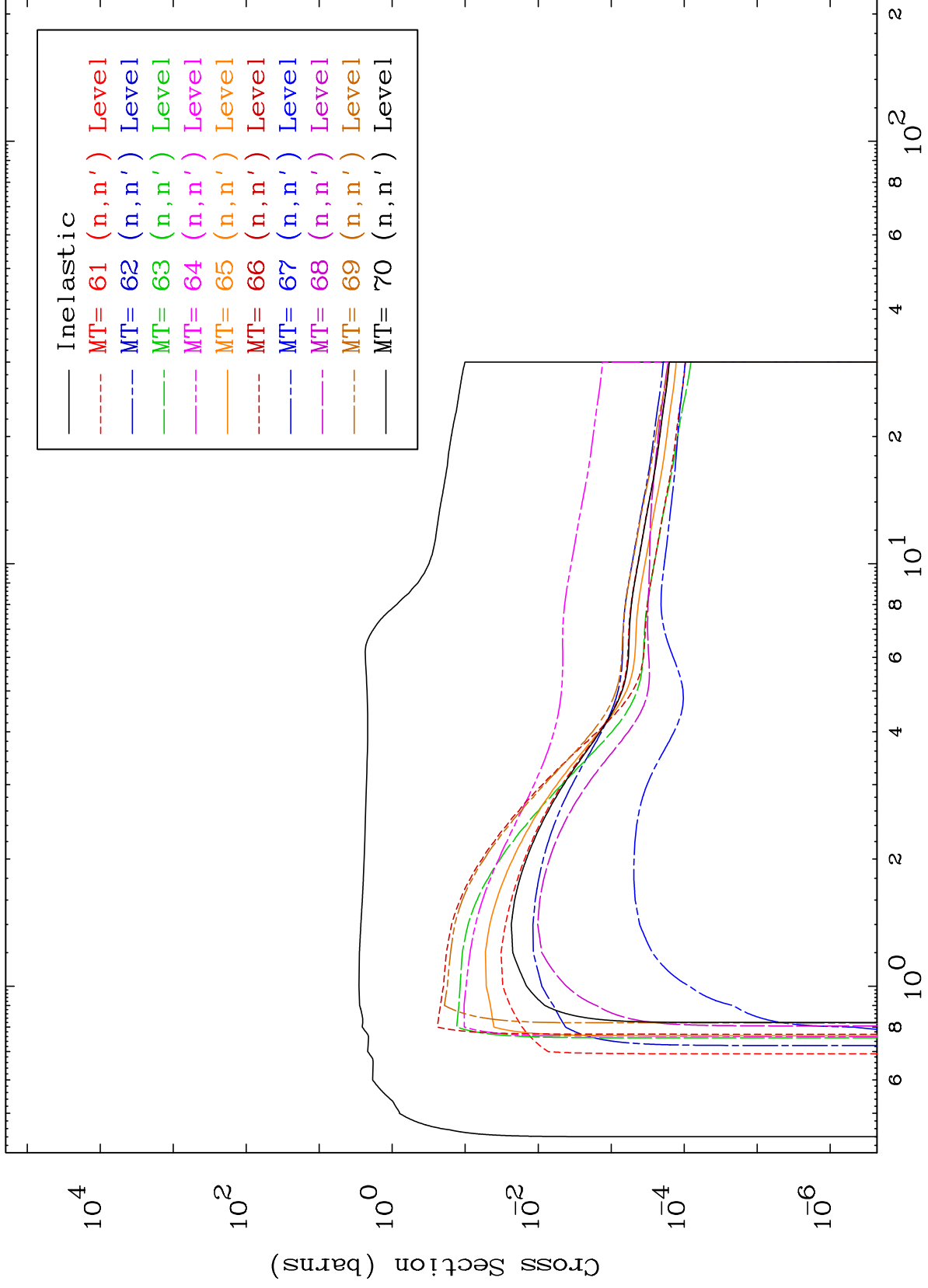
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MAT 6549

(n,n') Levels

65-Tb-167

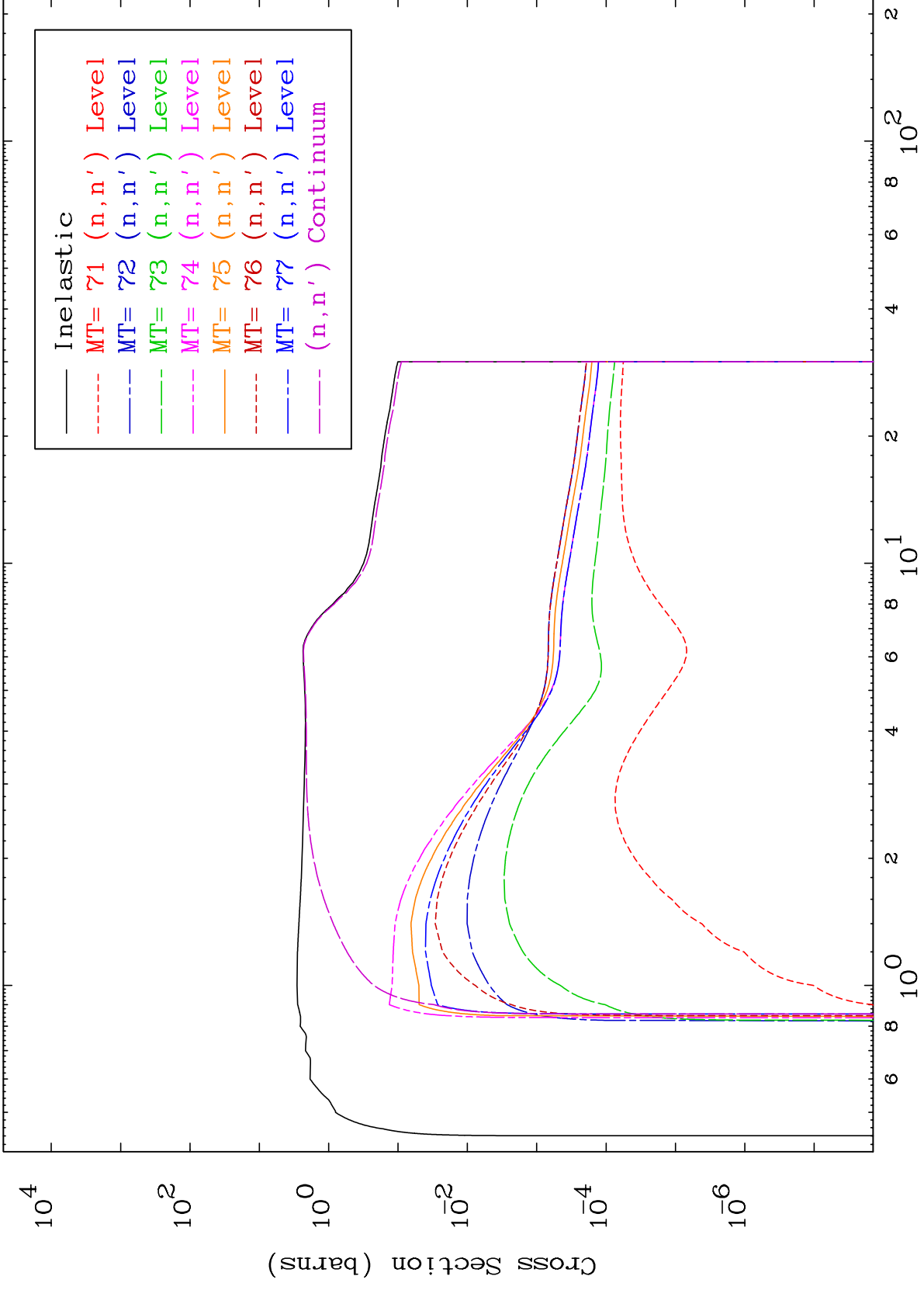
293 Kelvin Cross Sections



MAT 6549

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-167



10

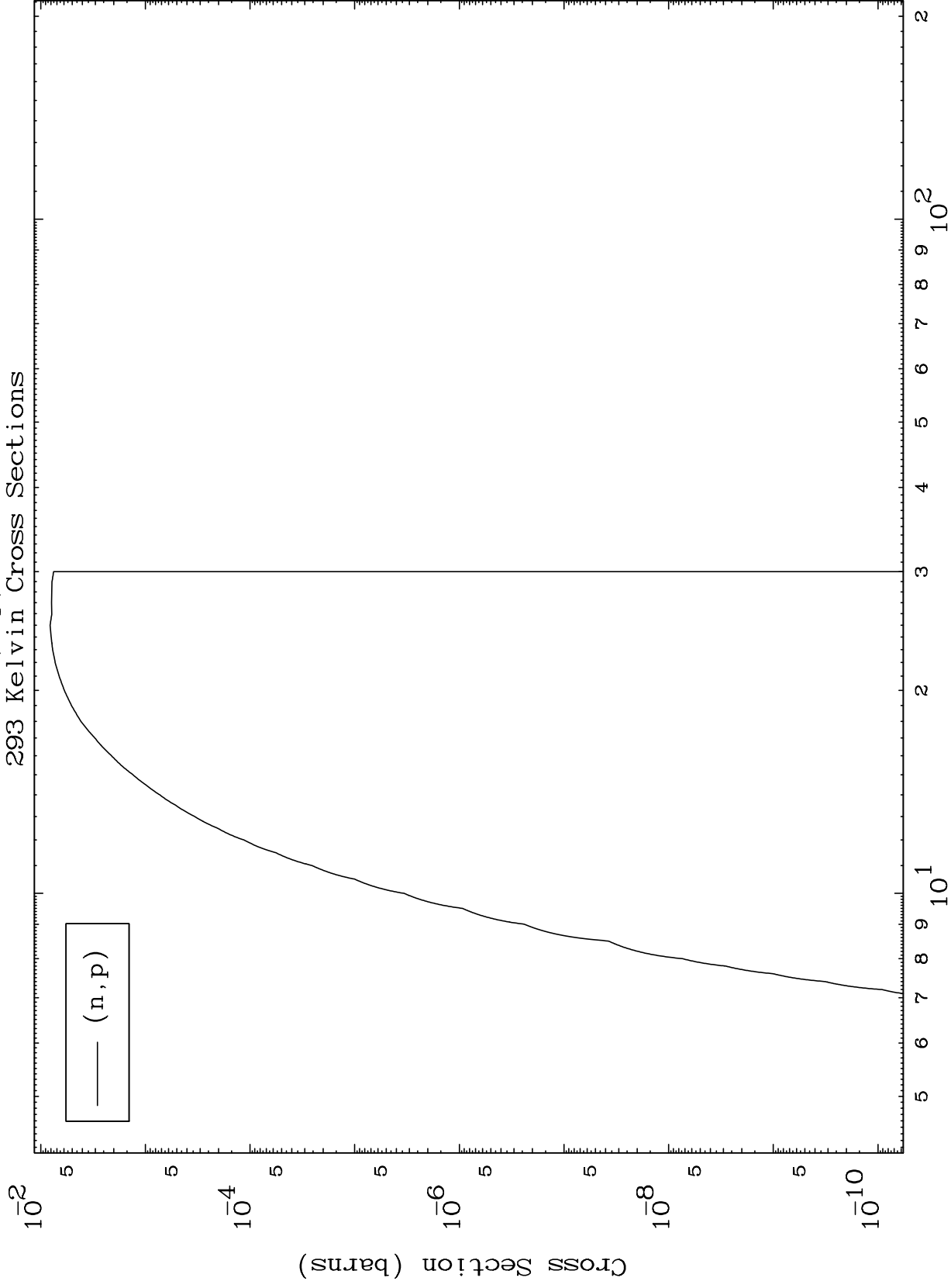
Incident Energy (MeV)

65-Tb-167

MAT 6549

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-167



11

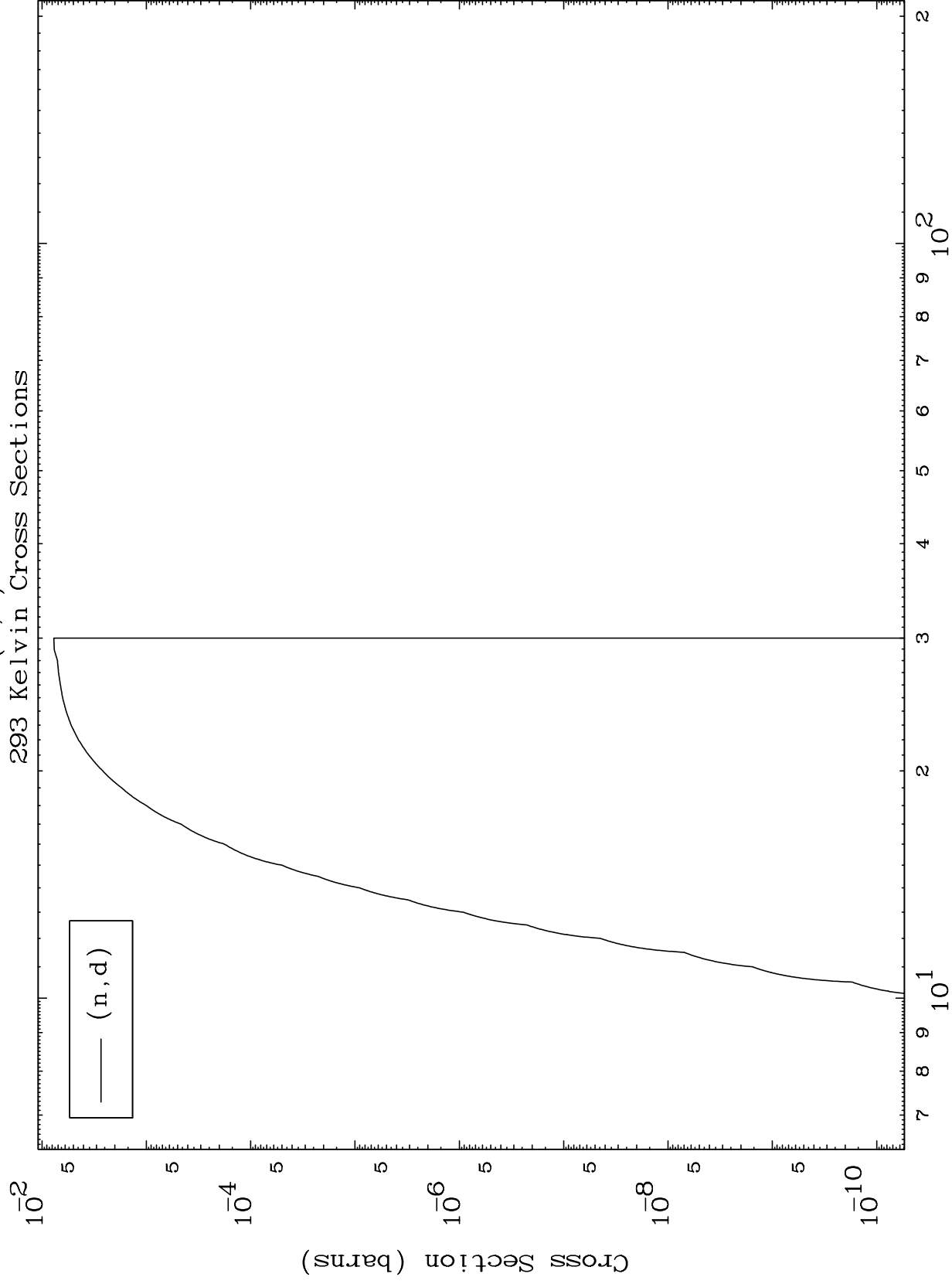
Incident Energy (MeV)

65-Tb-167

MAT 6549

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-167



12

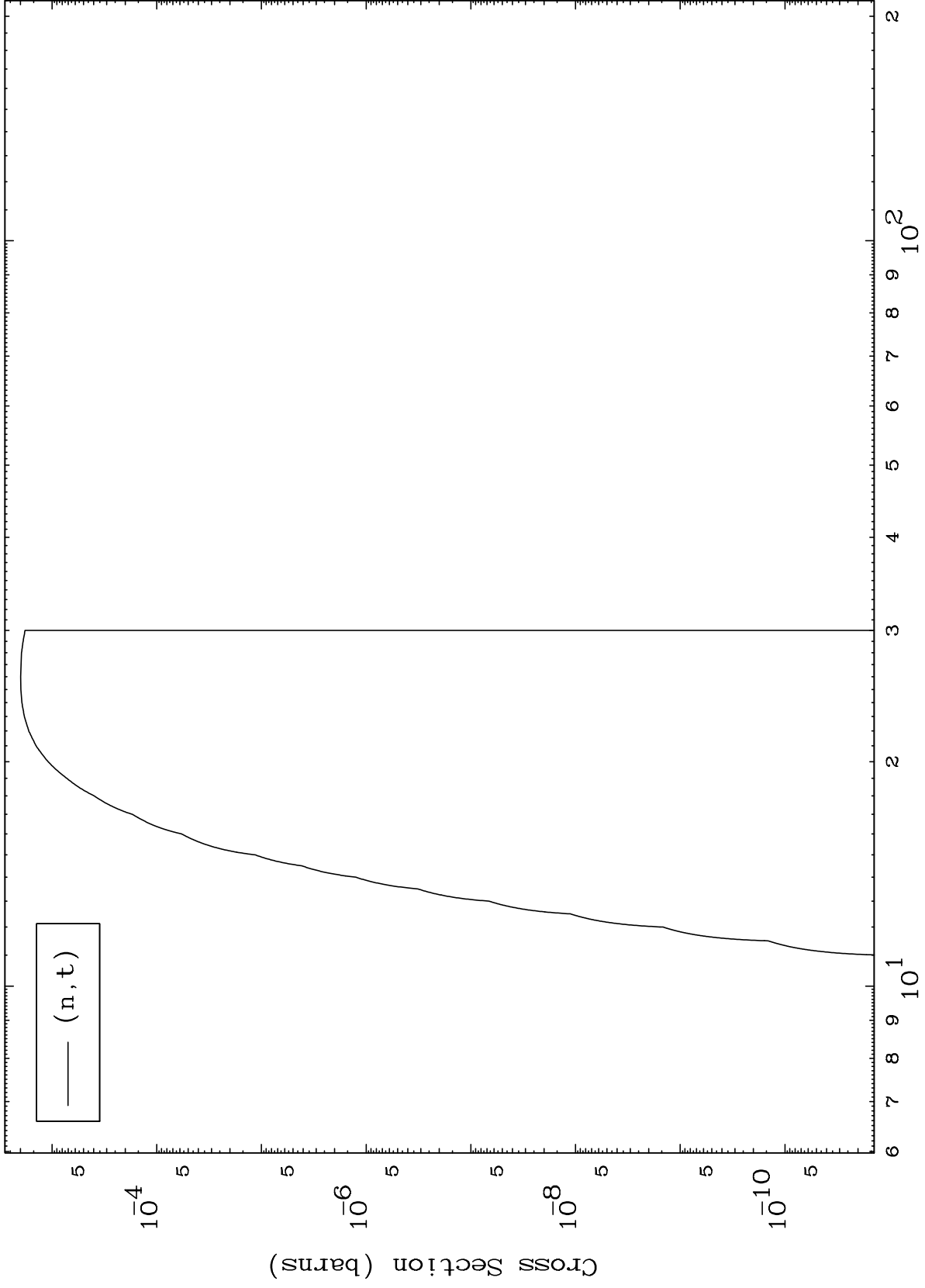
Incident Energy (MeV)

65-Tb-167

MAT 6549

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-167



13

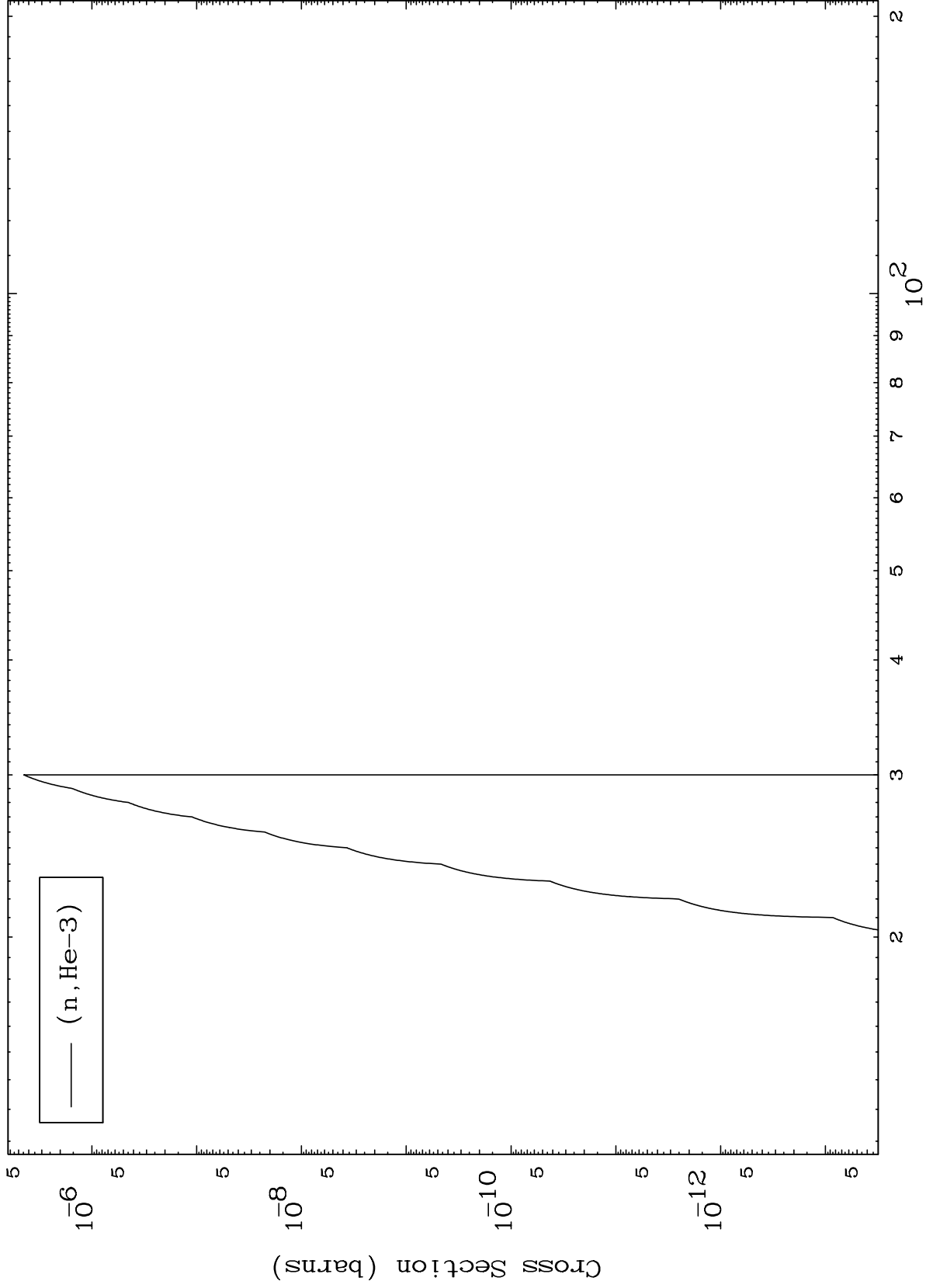
Incident Energy (MeV)

65-Tb-167

MAT 6549

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-167



14

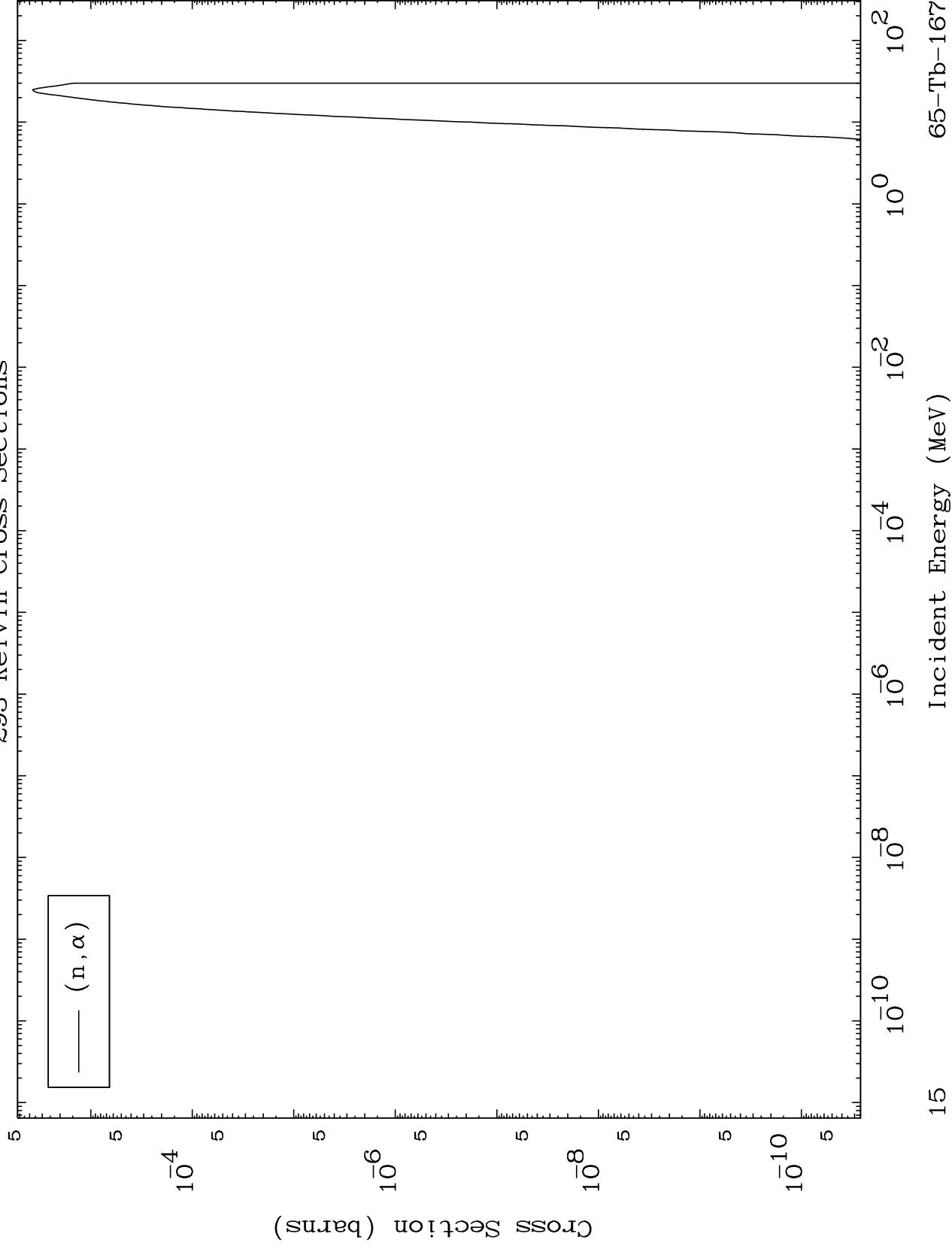
Incident Energy (MeV)

65-Tb-167

MAT 6549

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-167

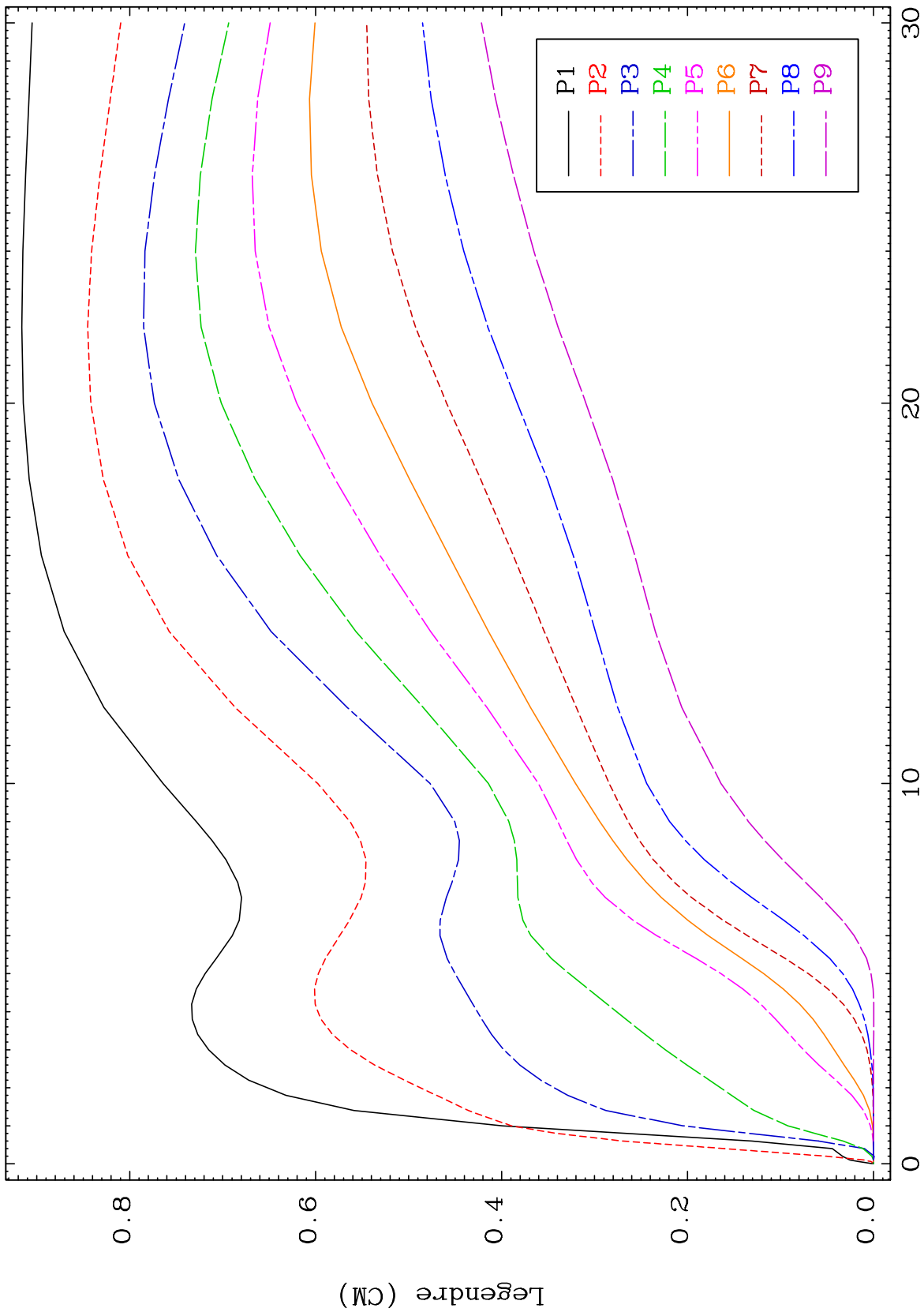


15

MAT 6549

65-Tb-167

Elastic Legendre Coefficients



65-Tb-167

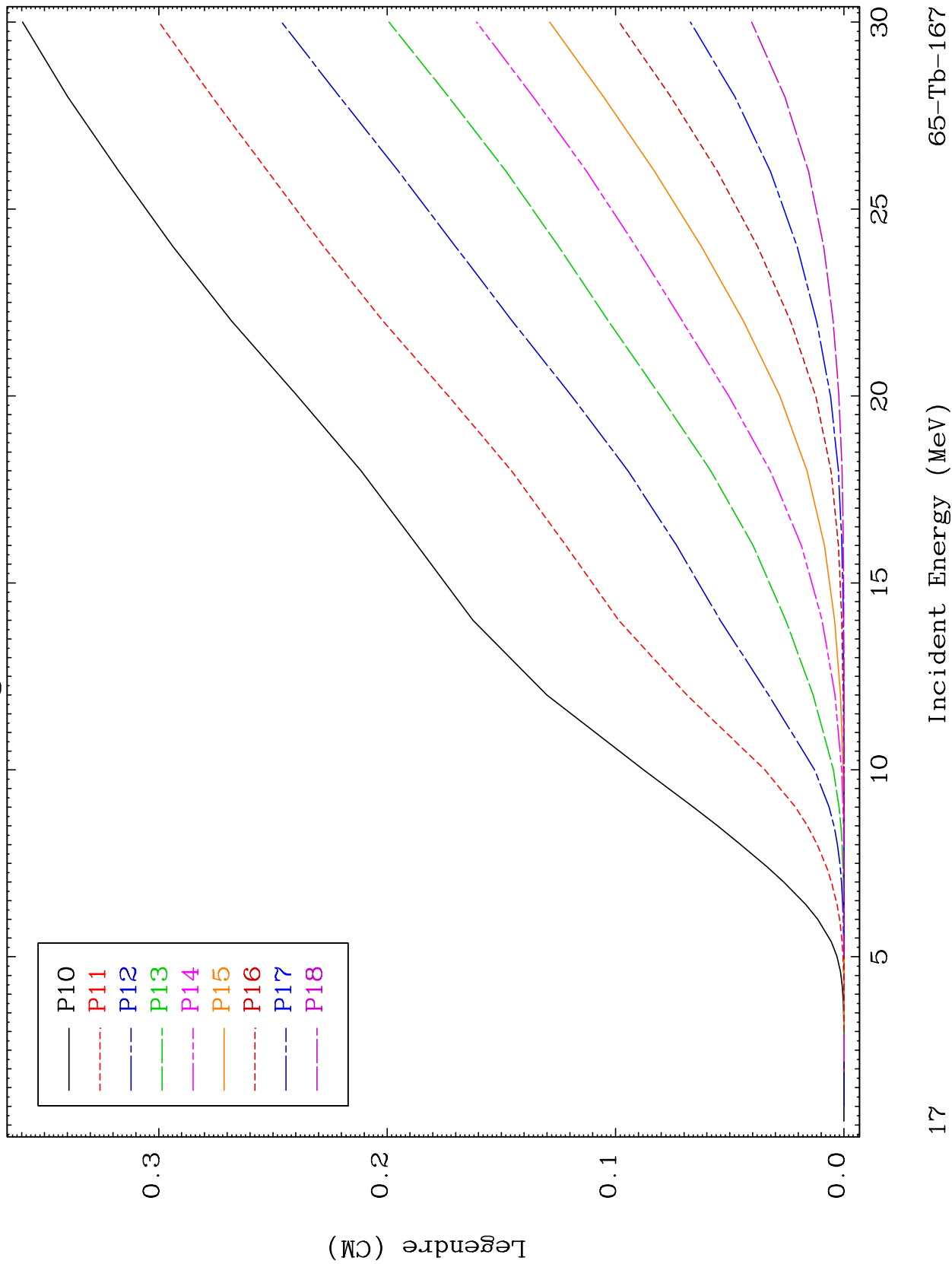
Incident Energy (MeV)

16

MAT 6549

Elastic Legendre Coefficients

65-Tb-167



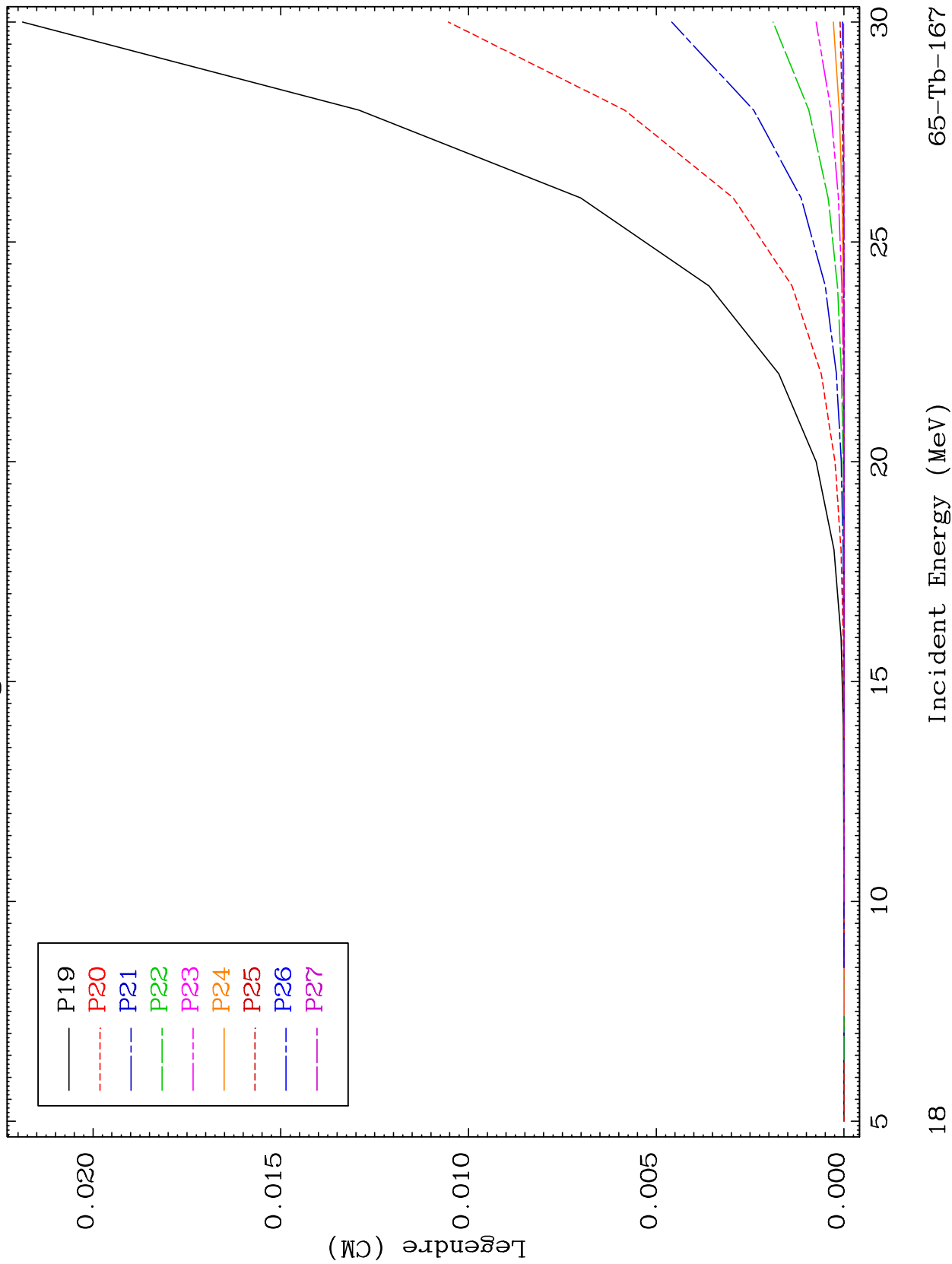
17

65-Tb-167

MAT 6549

Elastic Legendre Coefficients

65-Tb-167



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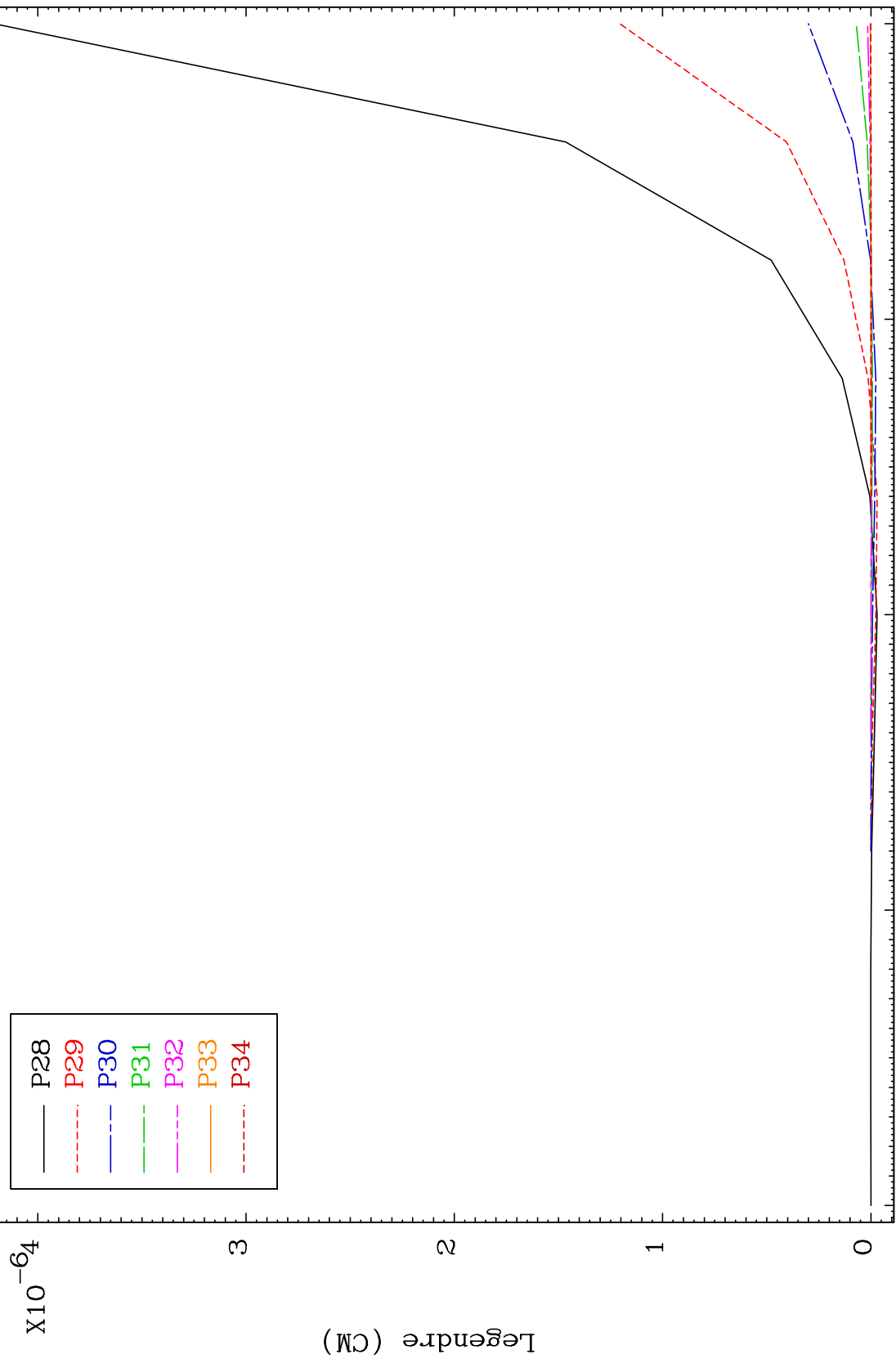
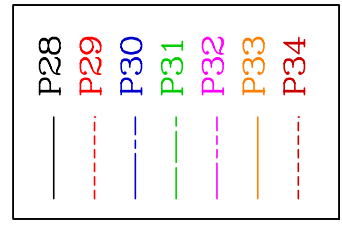
Incident Energy (MeV)

65-Tb-167

MAT 6549

Elastic Legendre Coefficients

65-Tb-167



65-Tb-167

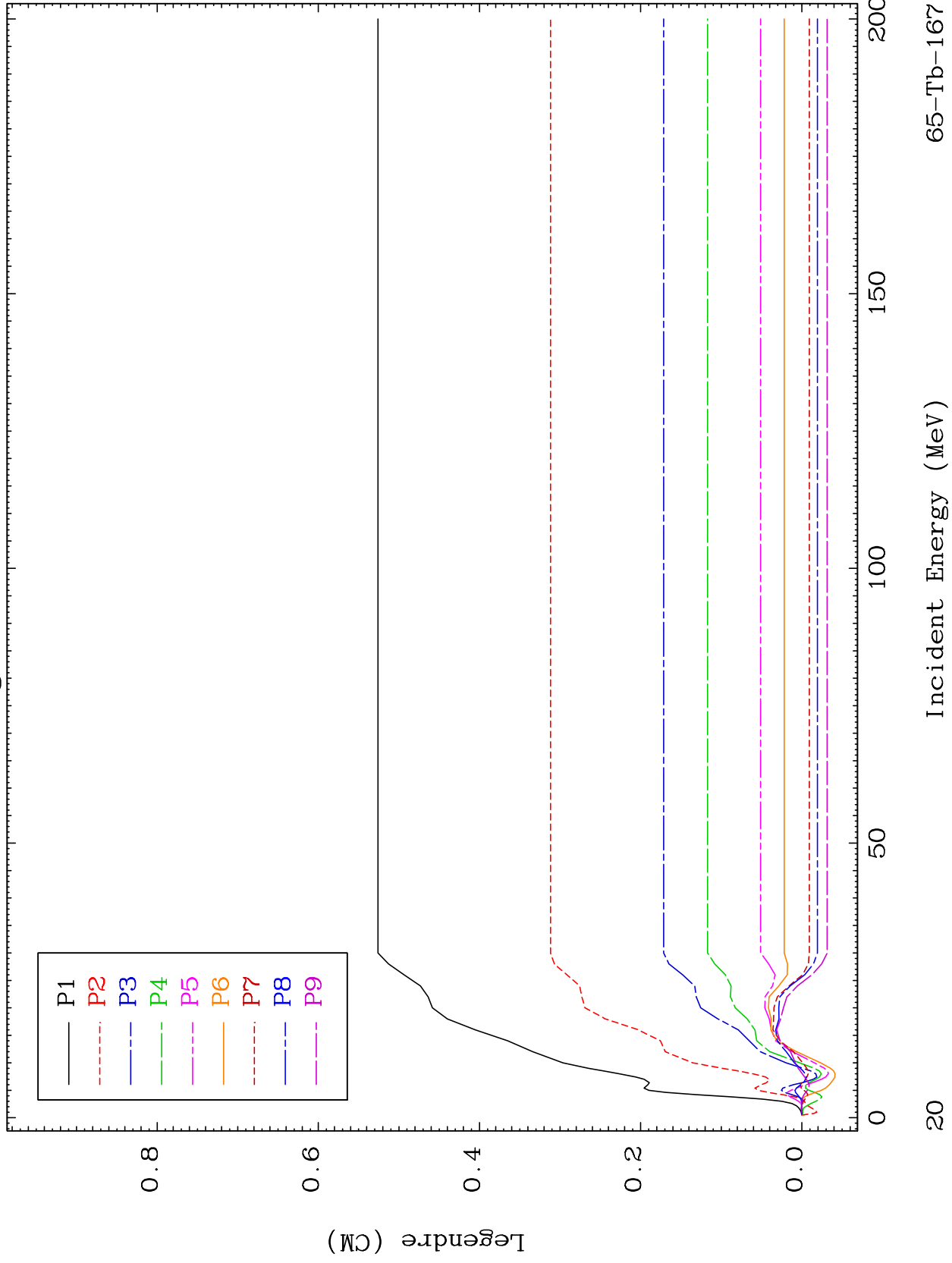
Incident Energy (MeV)

19

MAT 6549

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

65-Tb-167



65-Tb-167

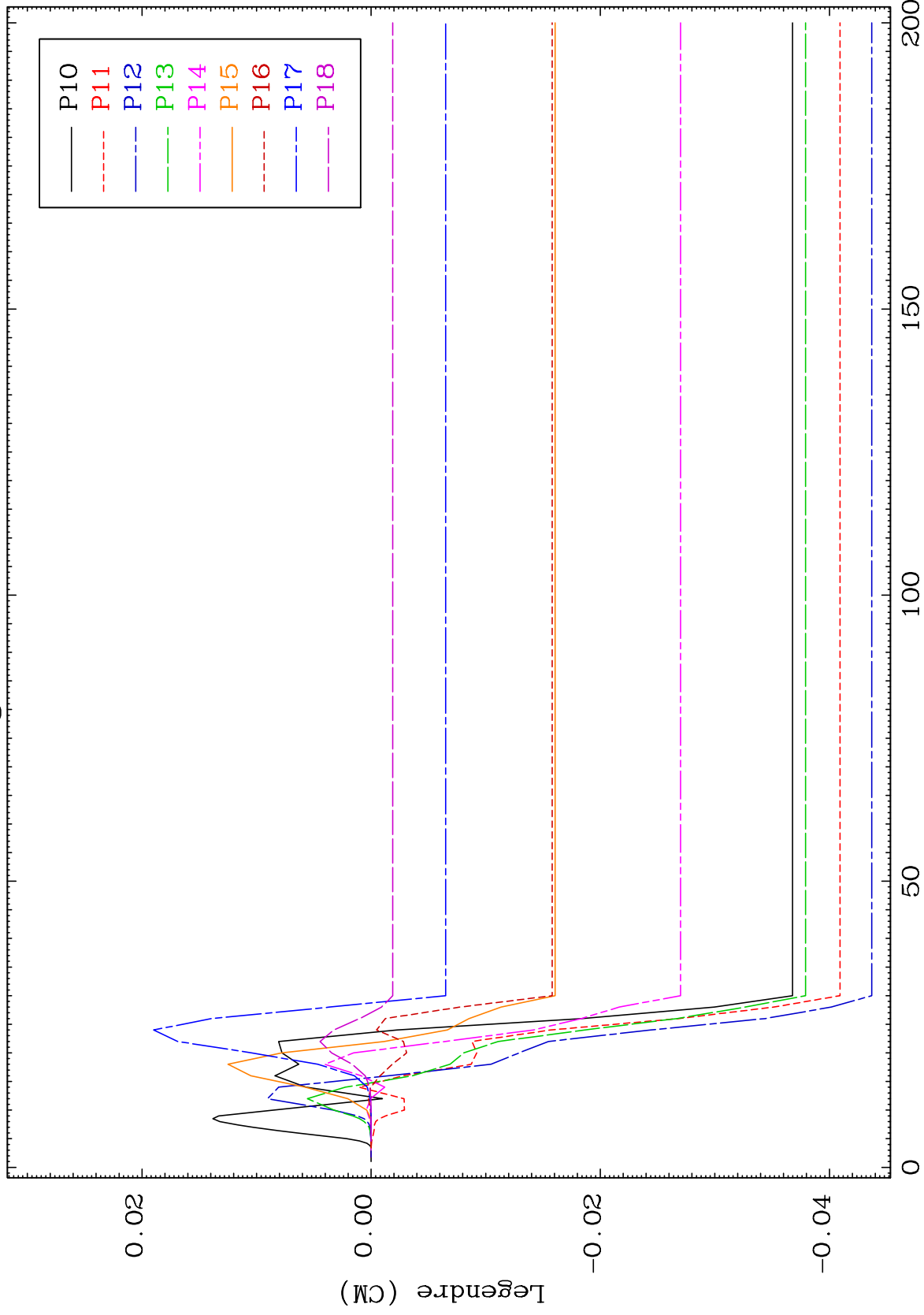
Incident Energy (MeV)

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MAT 6549

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

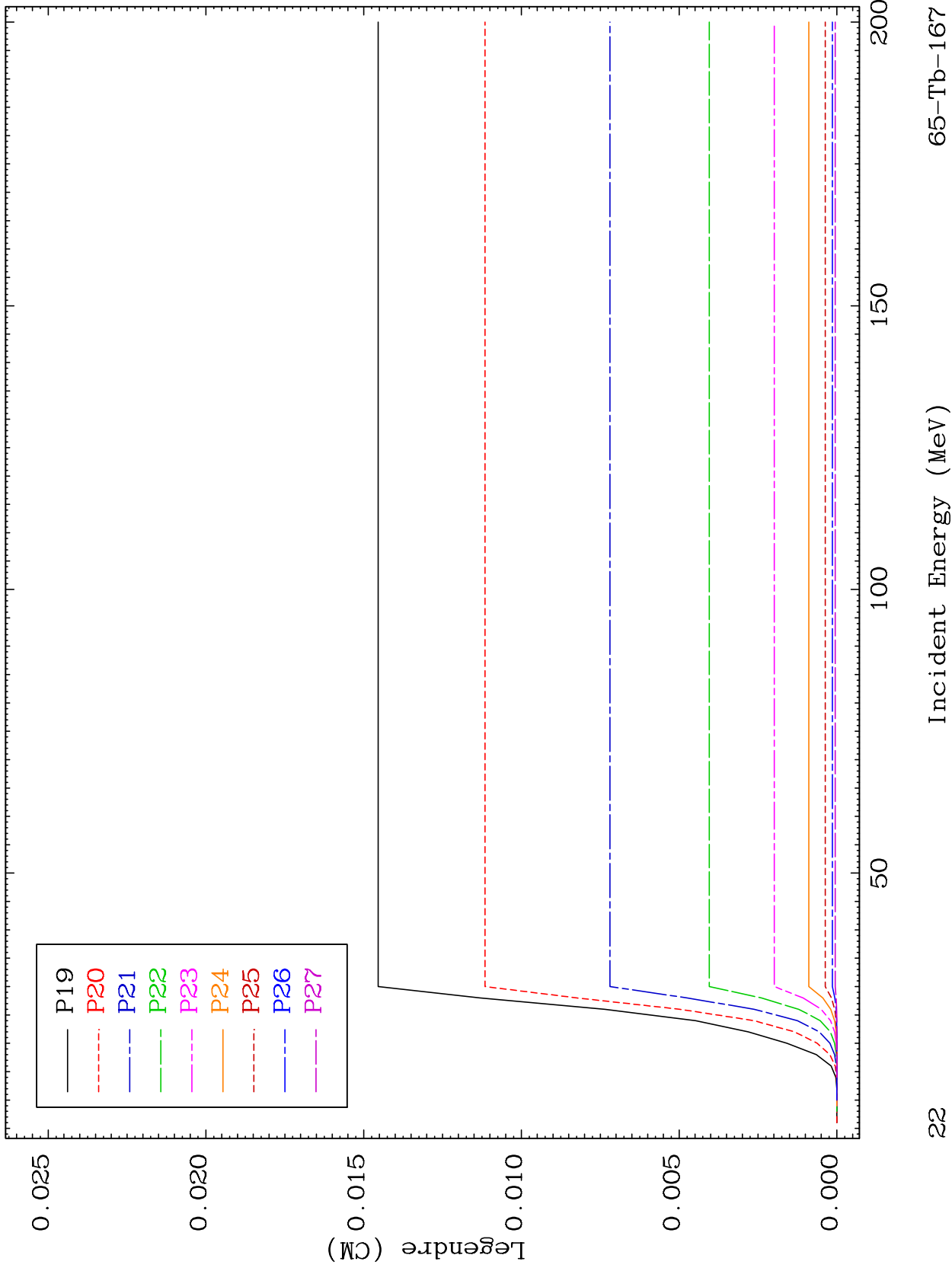
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21

Incident Energy (MeV)

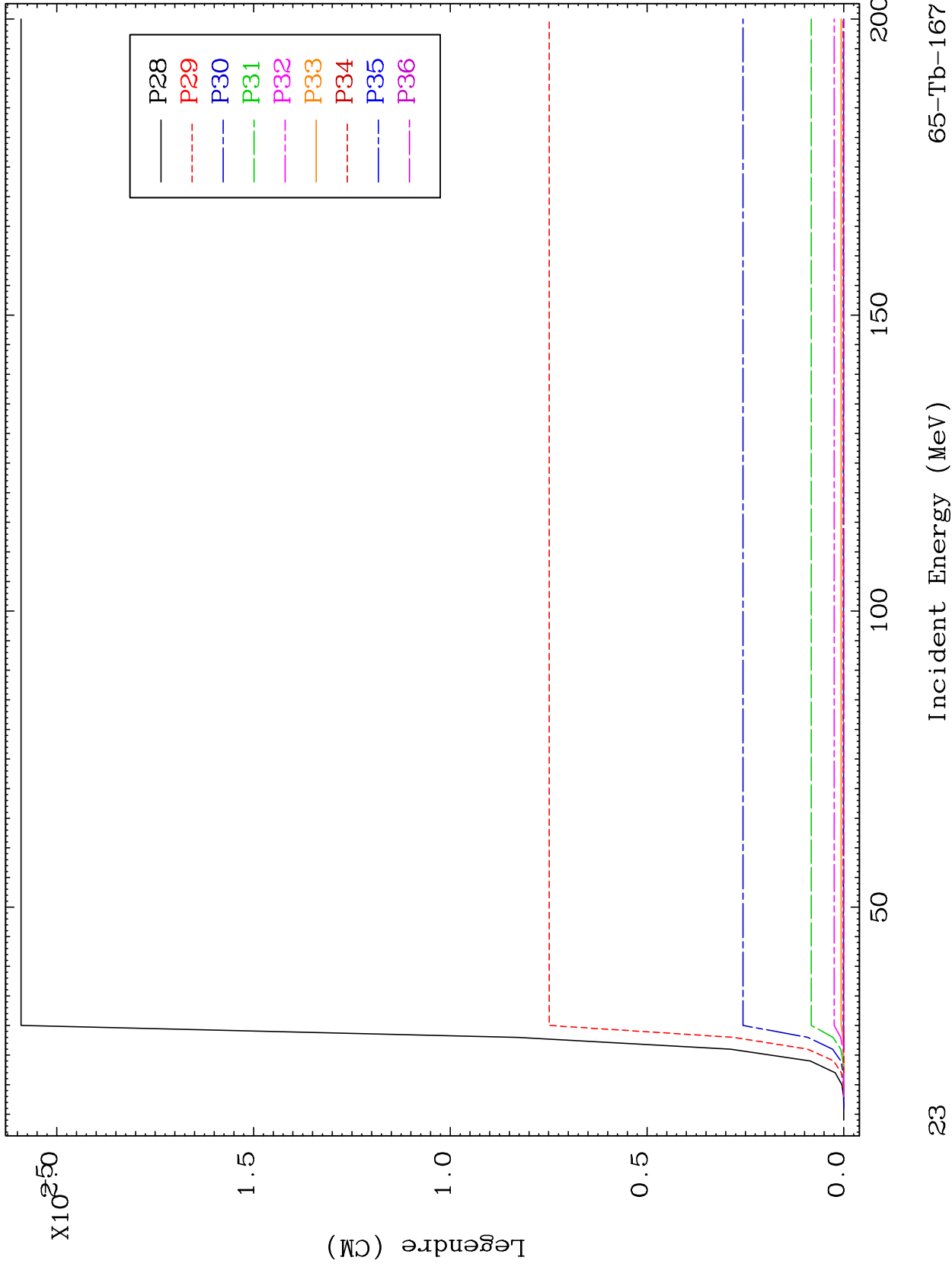
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MAT 6549

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

65-Tb-167



23

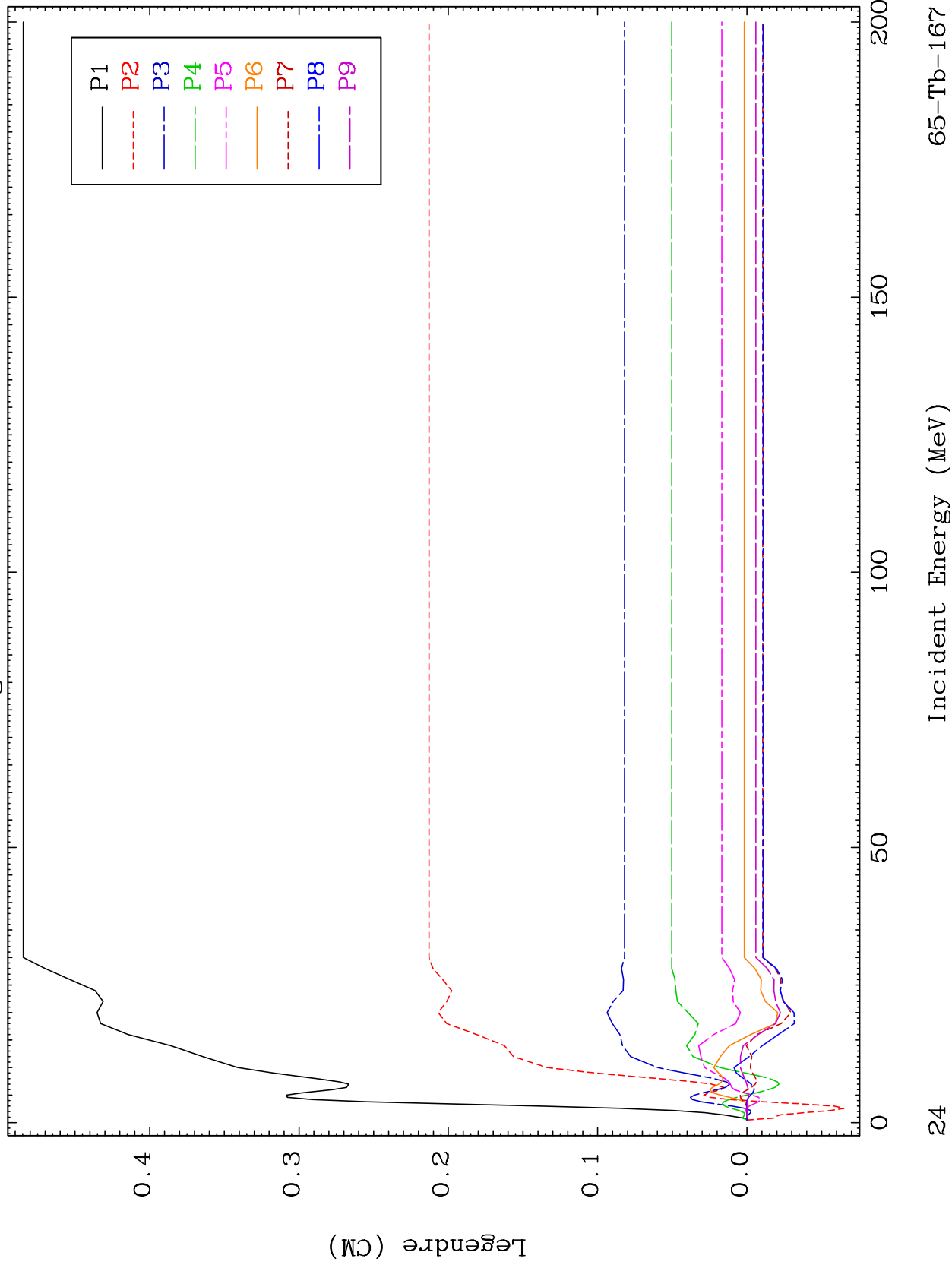
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



24

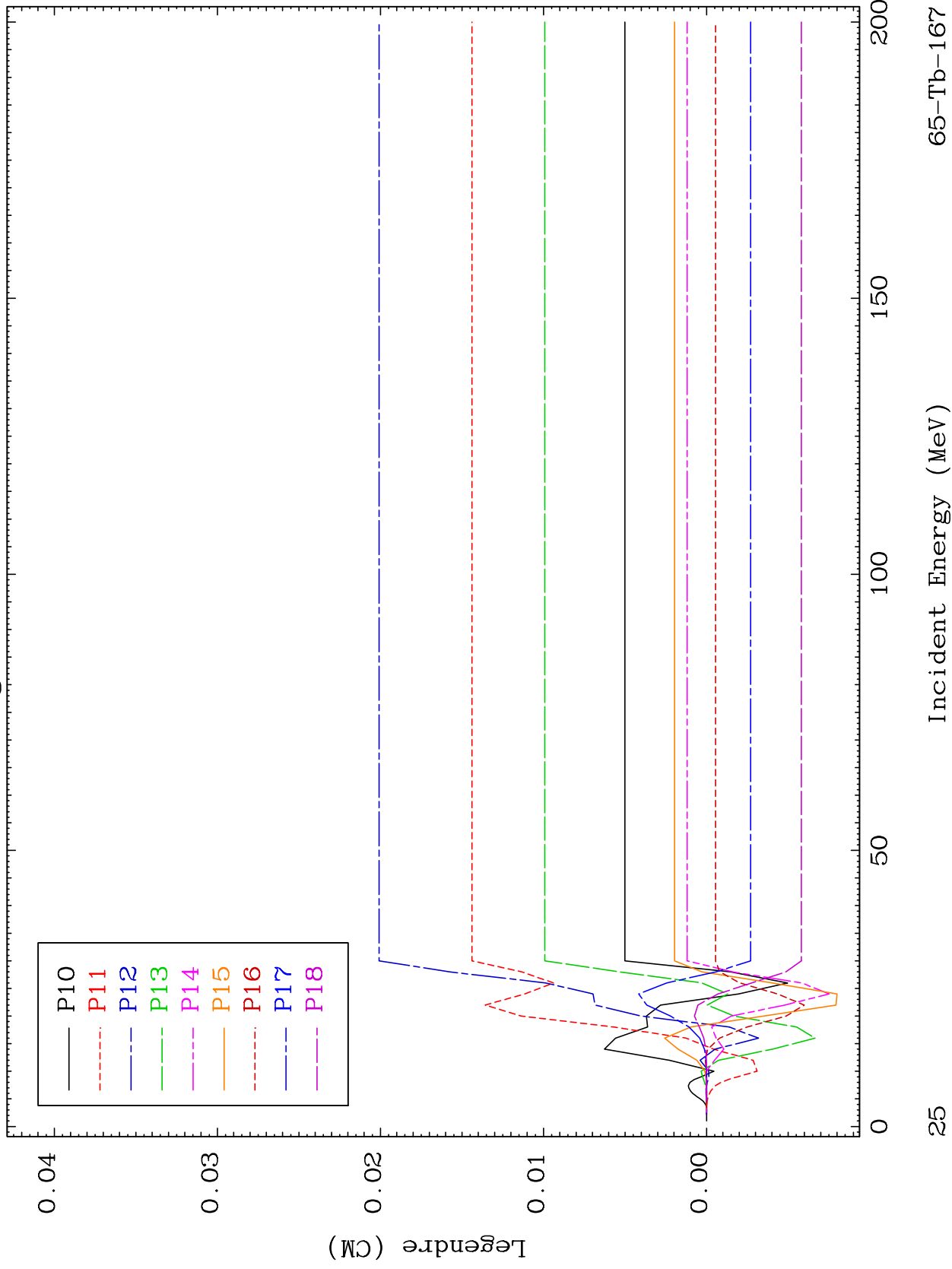
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

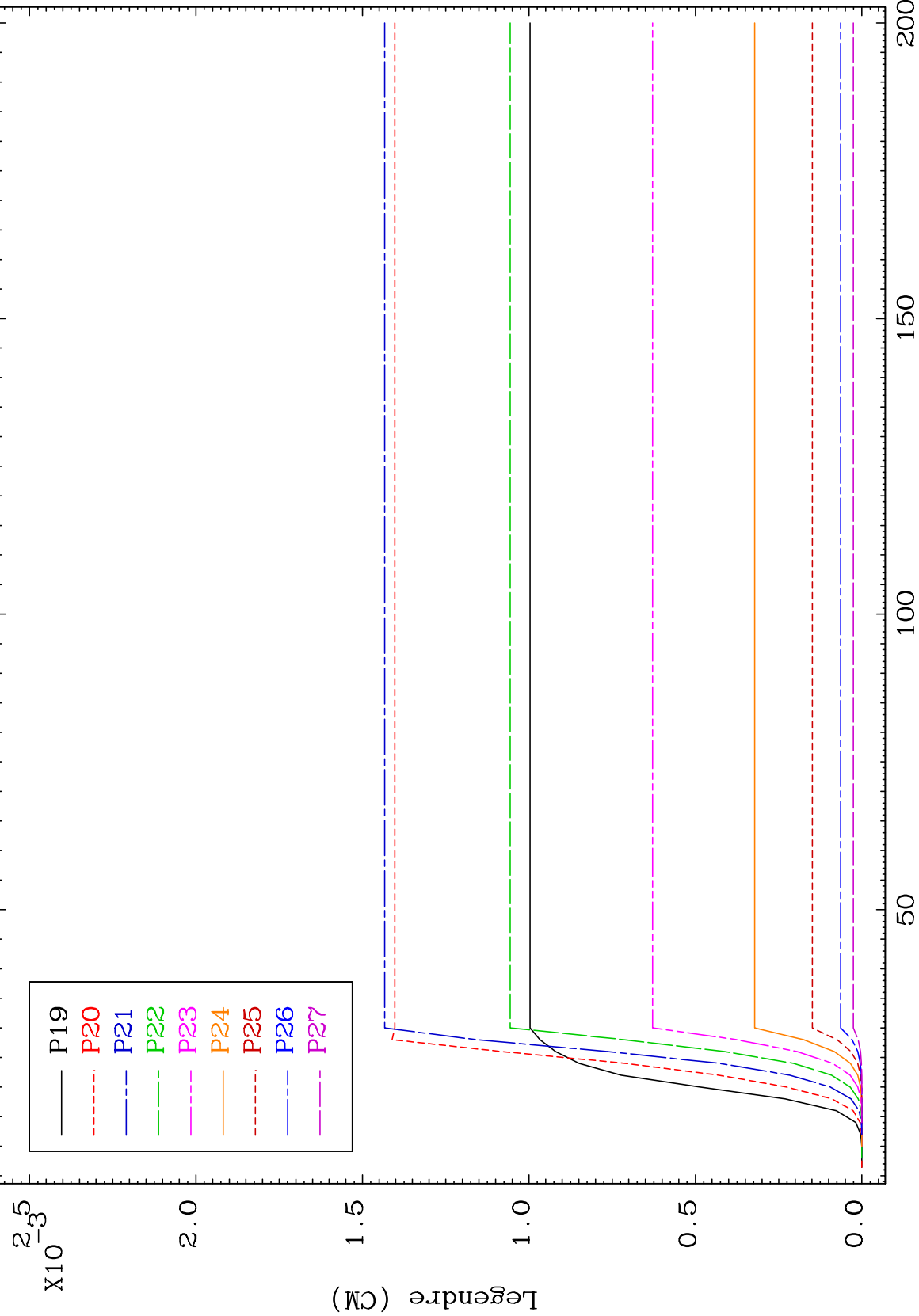
65-Tb-167



65-Tb-167

Incident Energy (MeV)

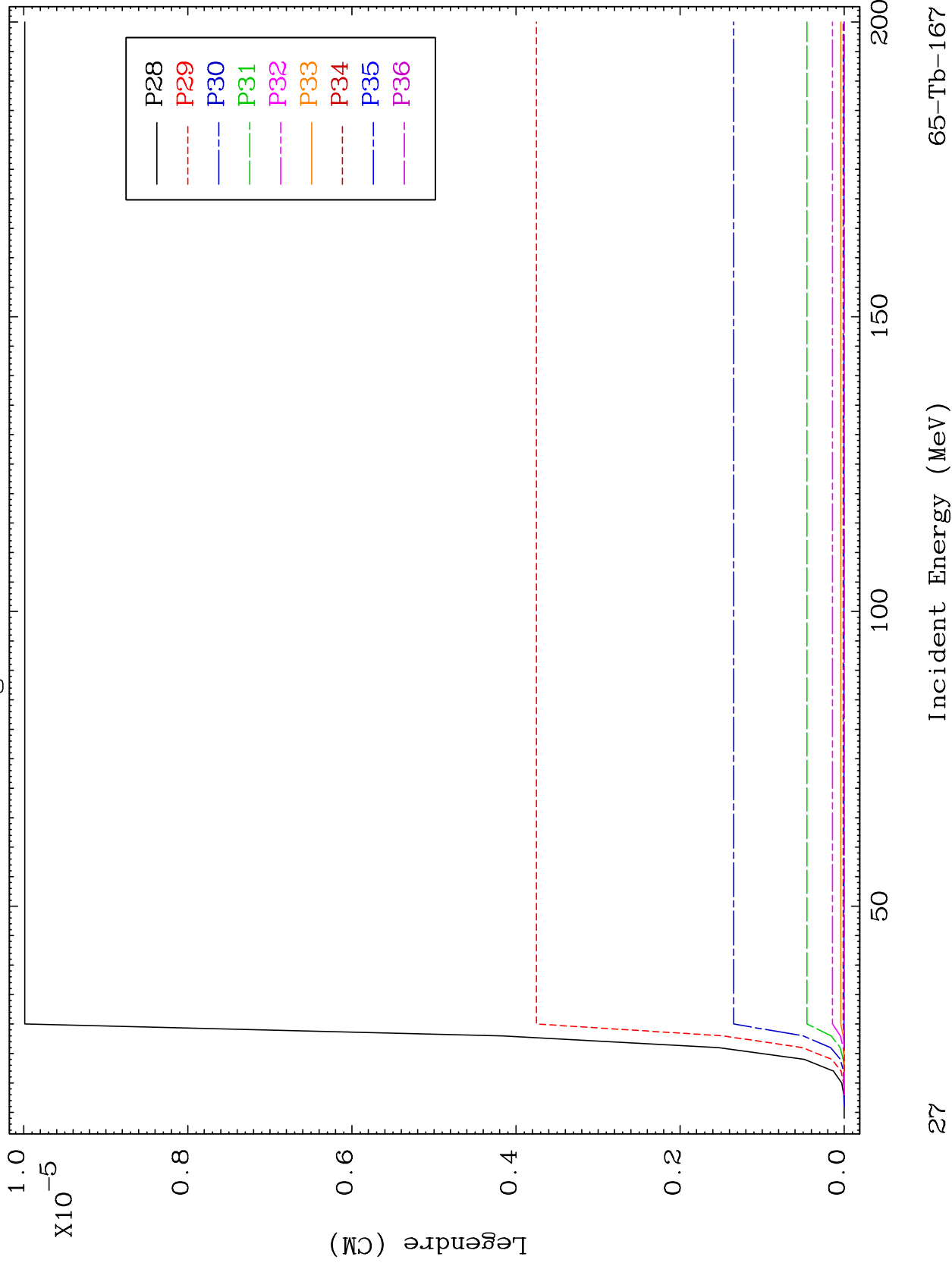
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MAT 6549

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

65-Tb-167



27

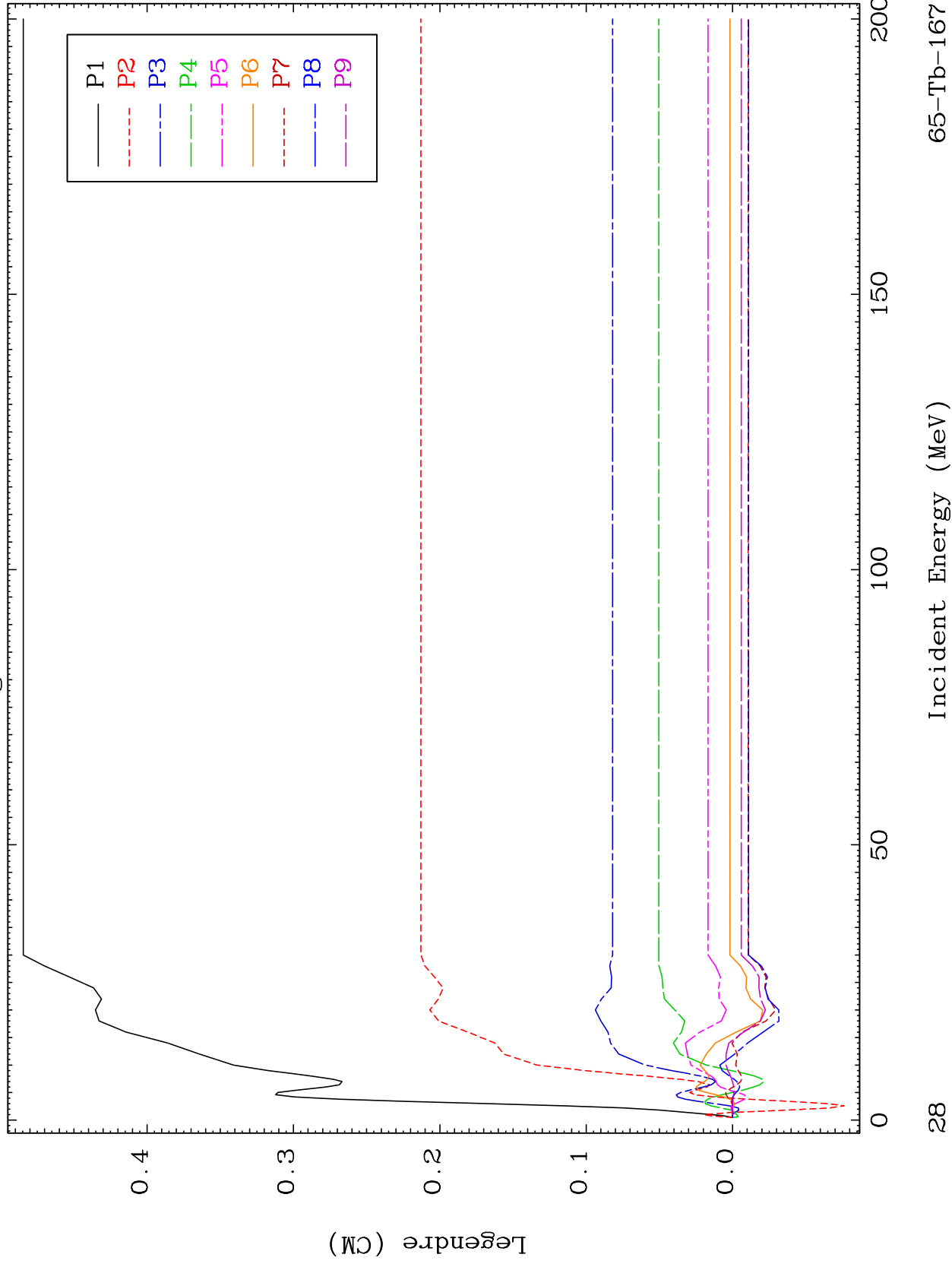
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

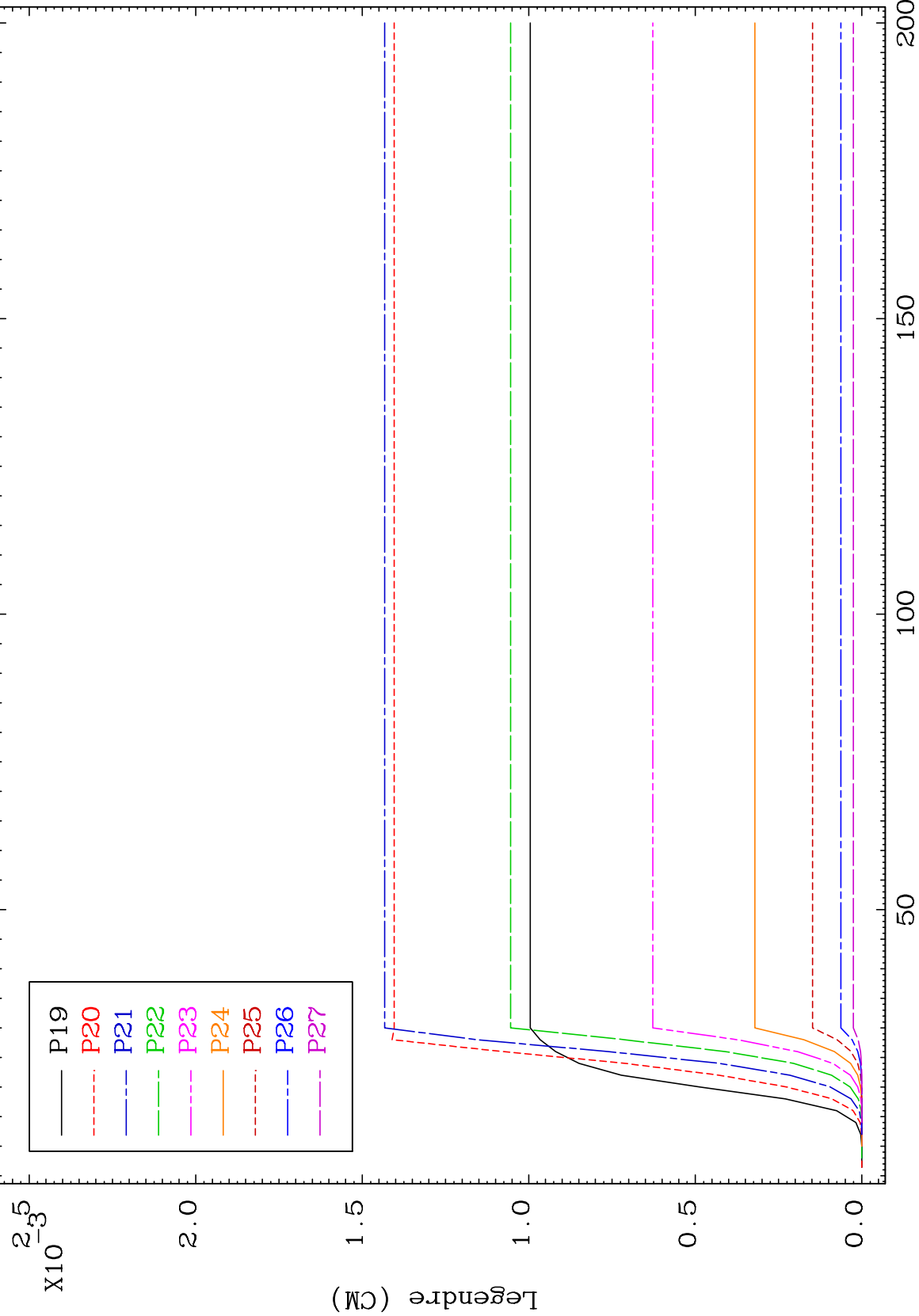
Incident Energy (MeV)

28

MAT 6549

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

65-Tb-167



30

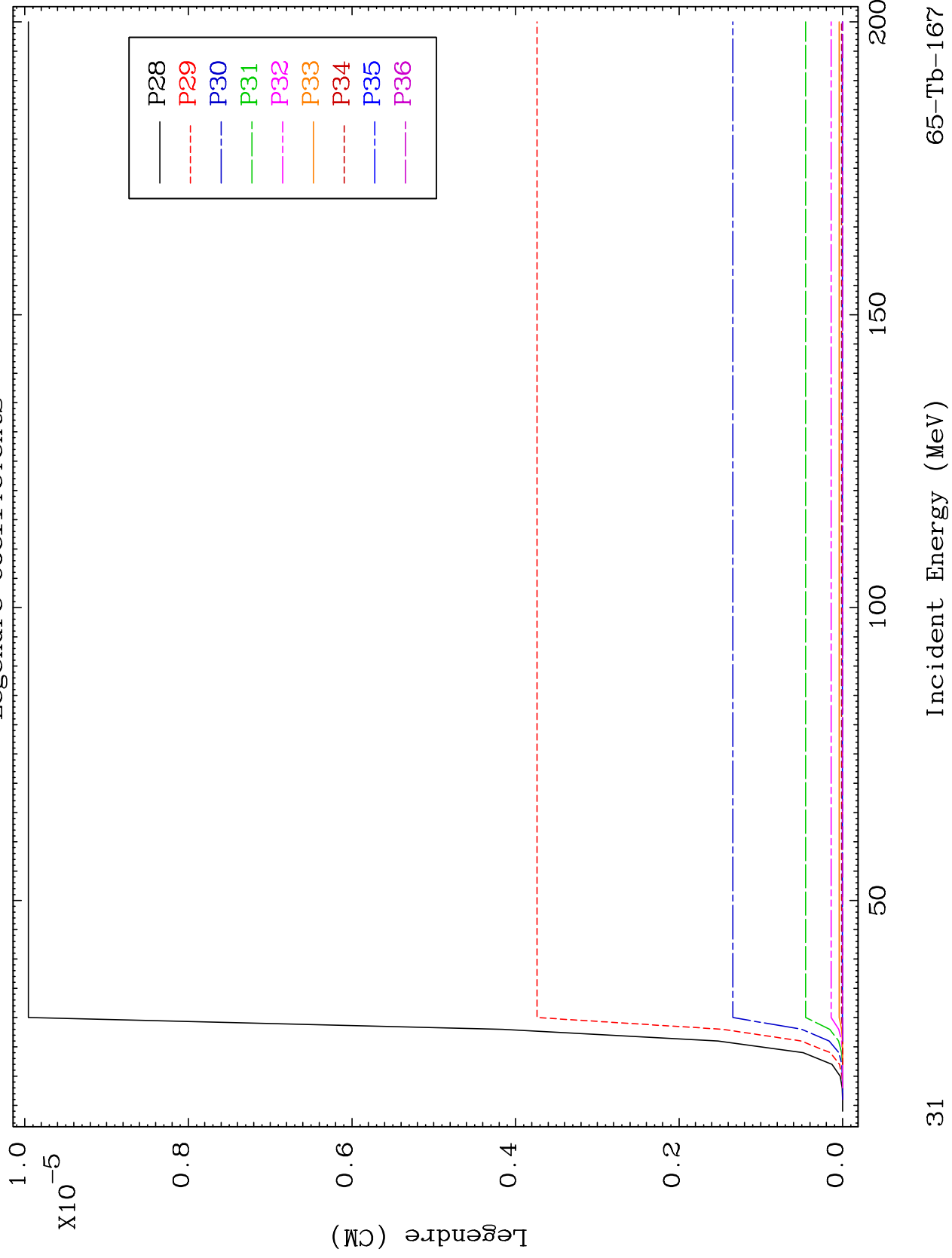
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



31

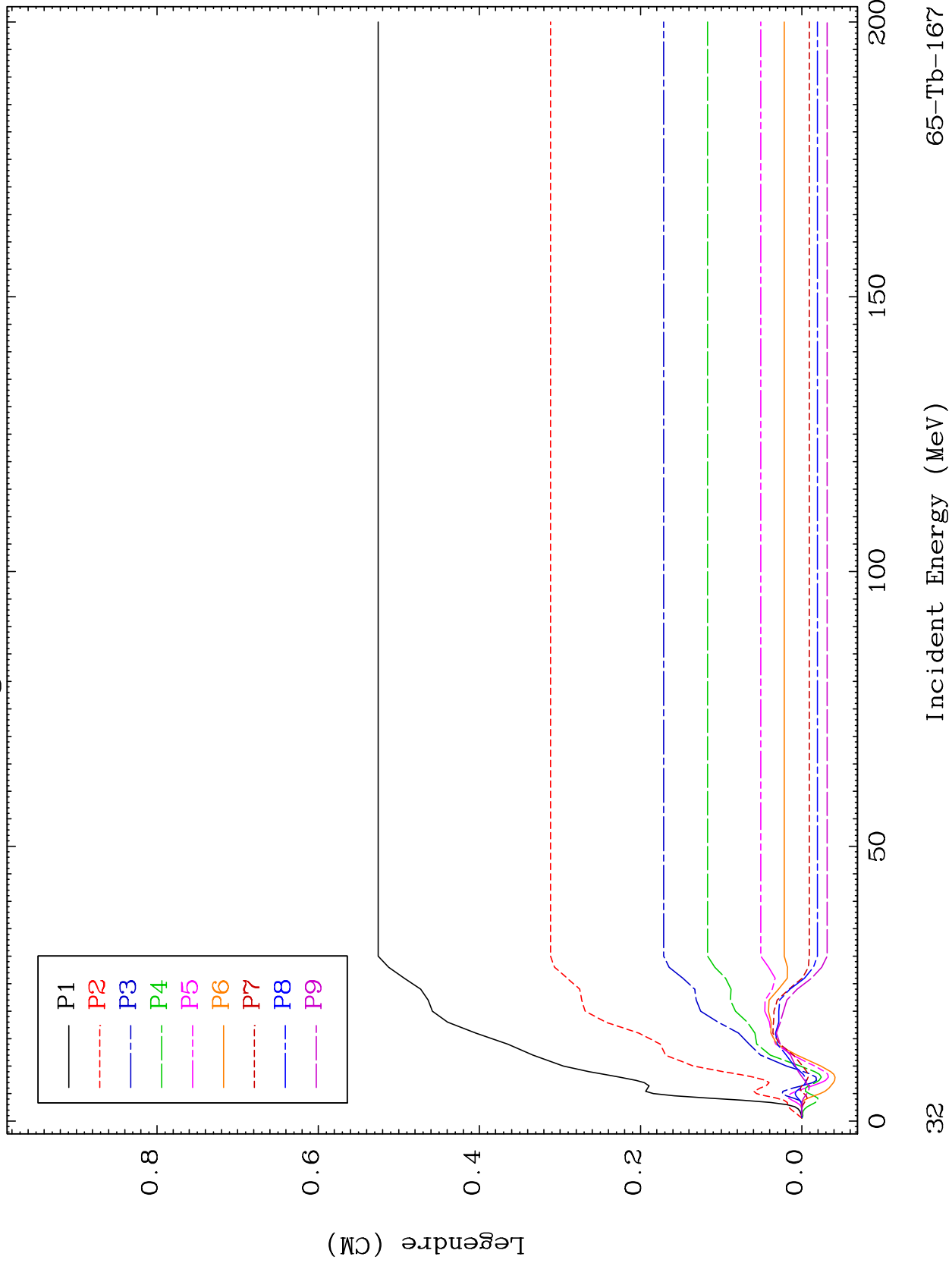
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

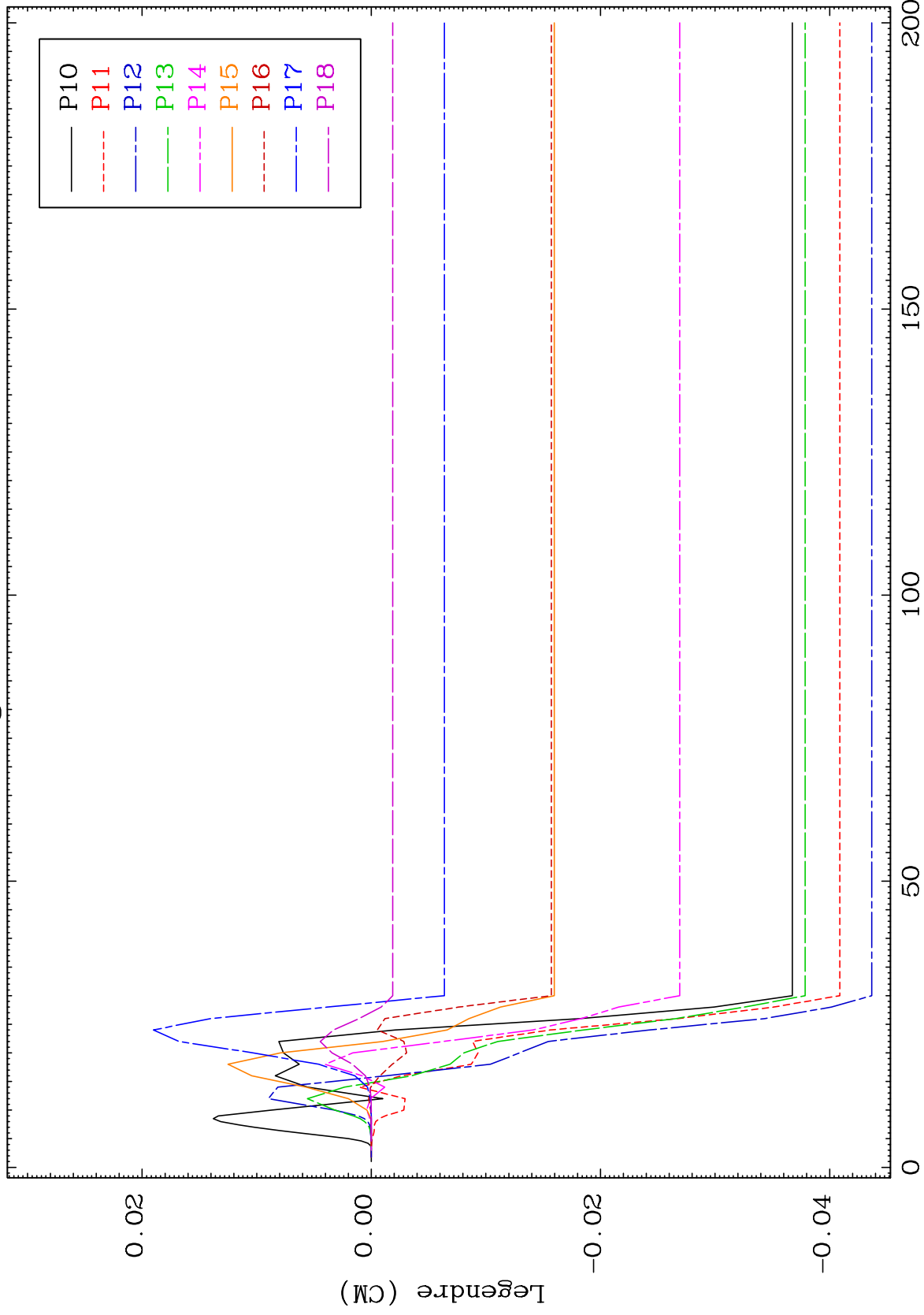
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MAT 6549

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

65-Tb-167



33

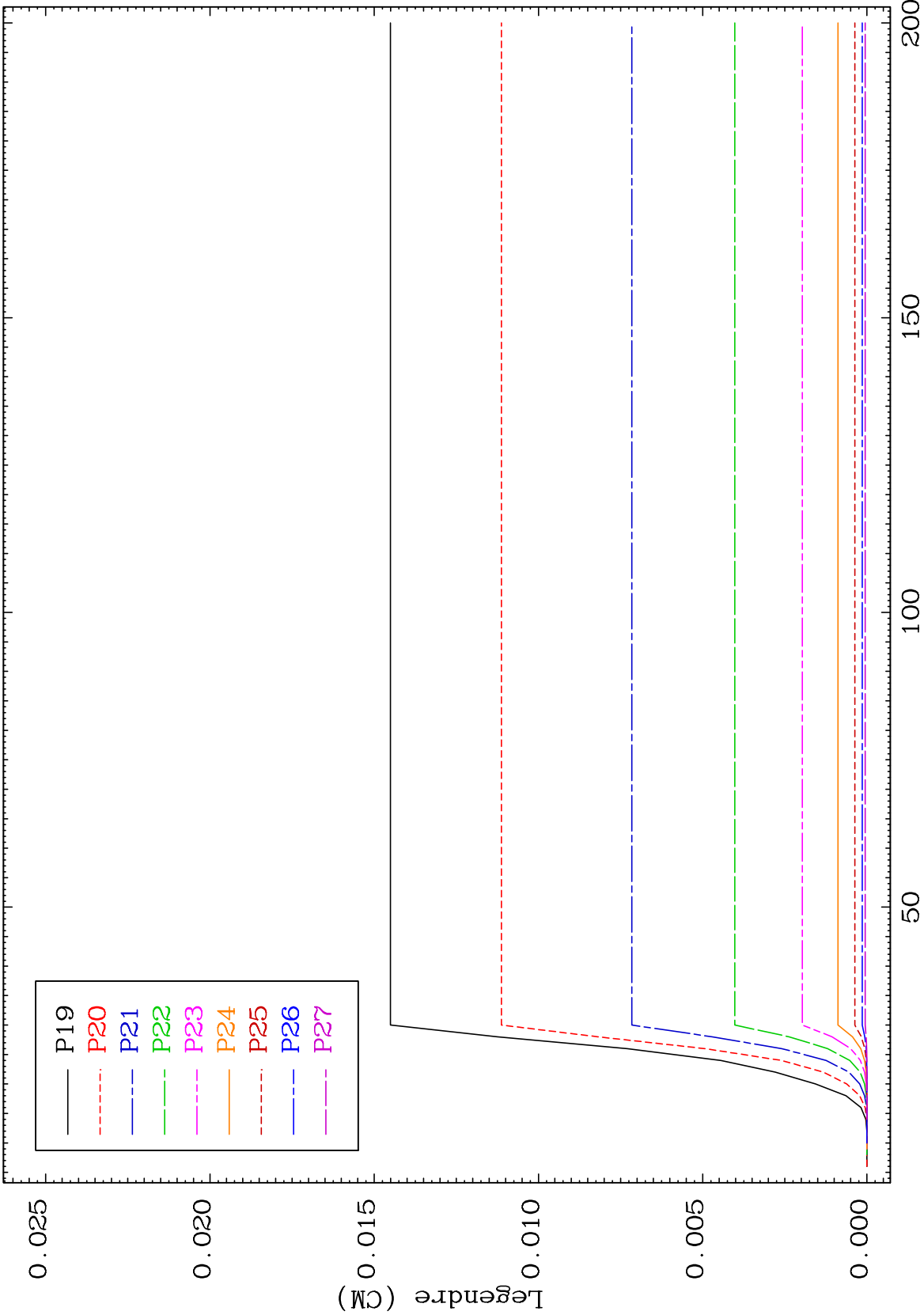
Incident Energy (MeV)

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MAT 6549

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

65-Tb-167



34

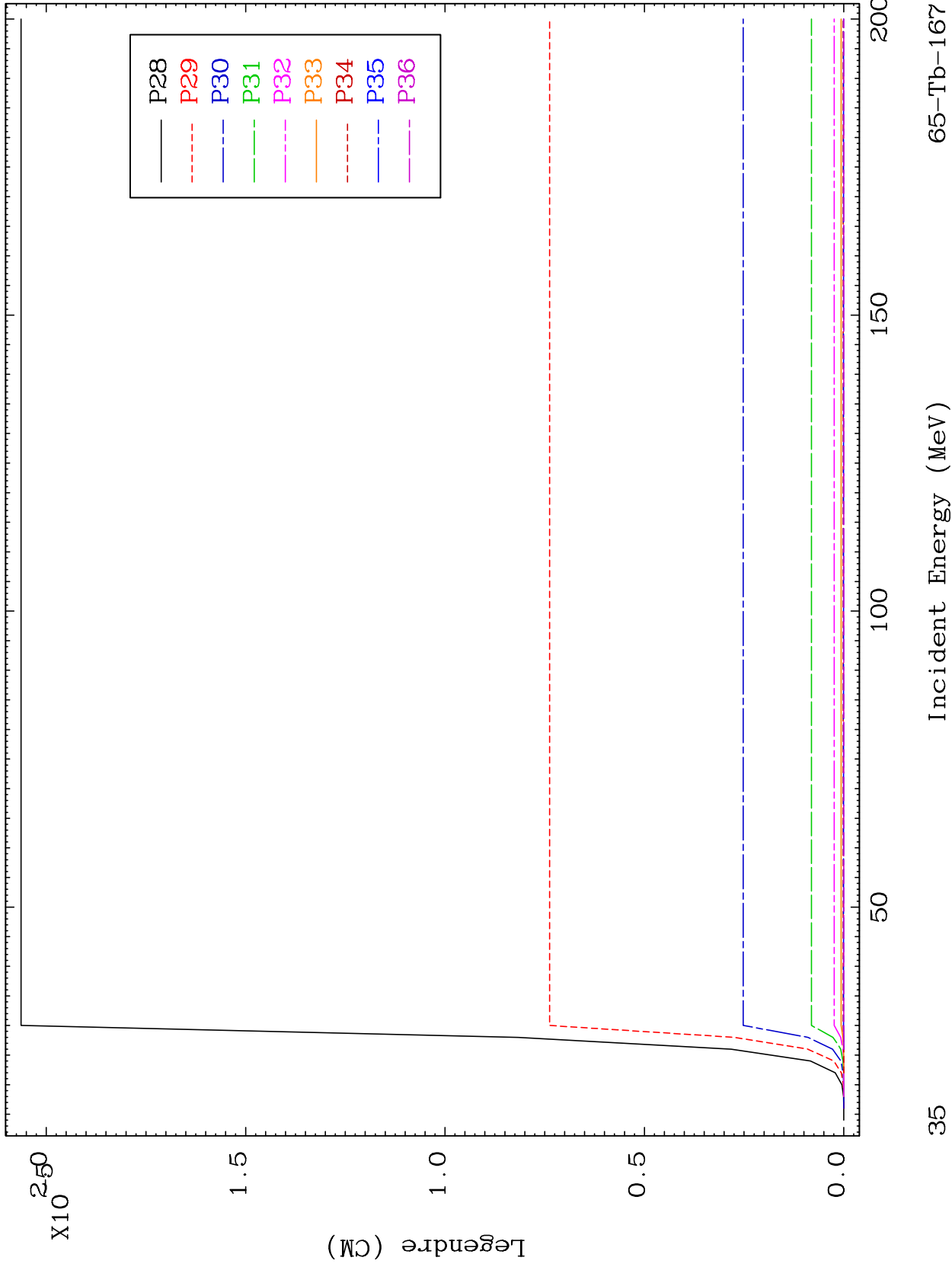
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



35

50

100

150

200

$\times 10^{-2.50}$

1.5

1.0

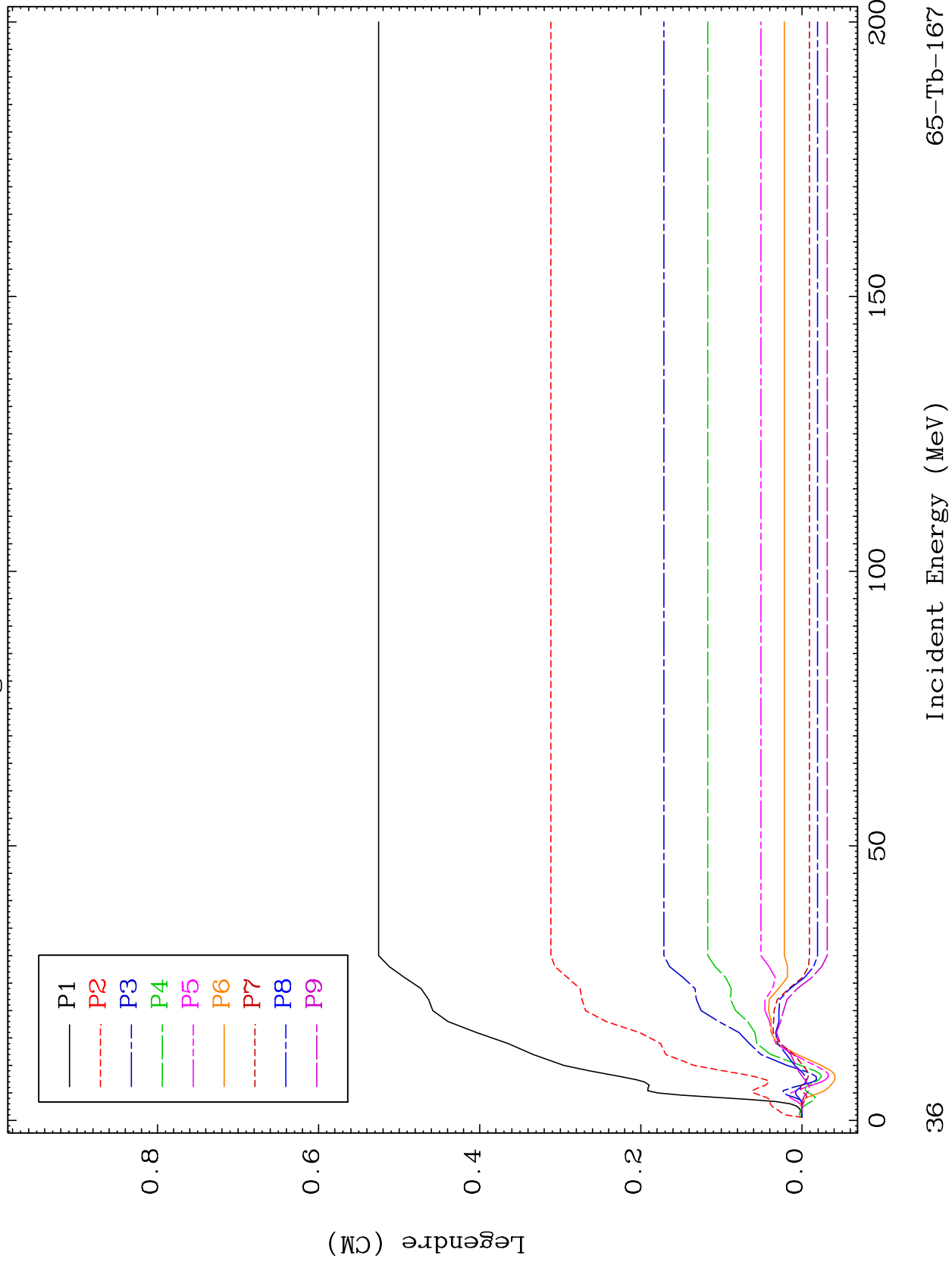
0.5

0.0

MAT 6549

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

65-Tb-167



65-Tb-167

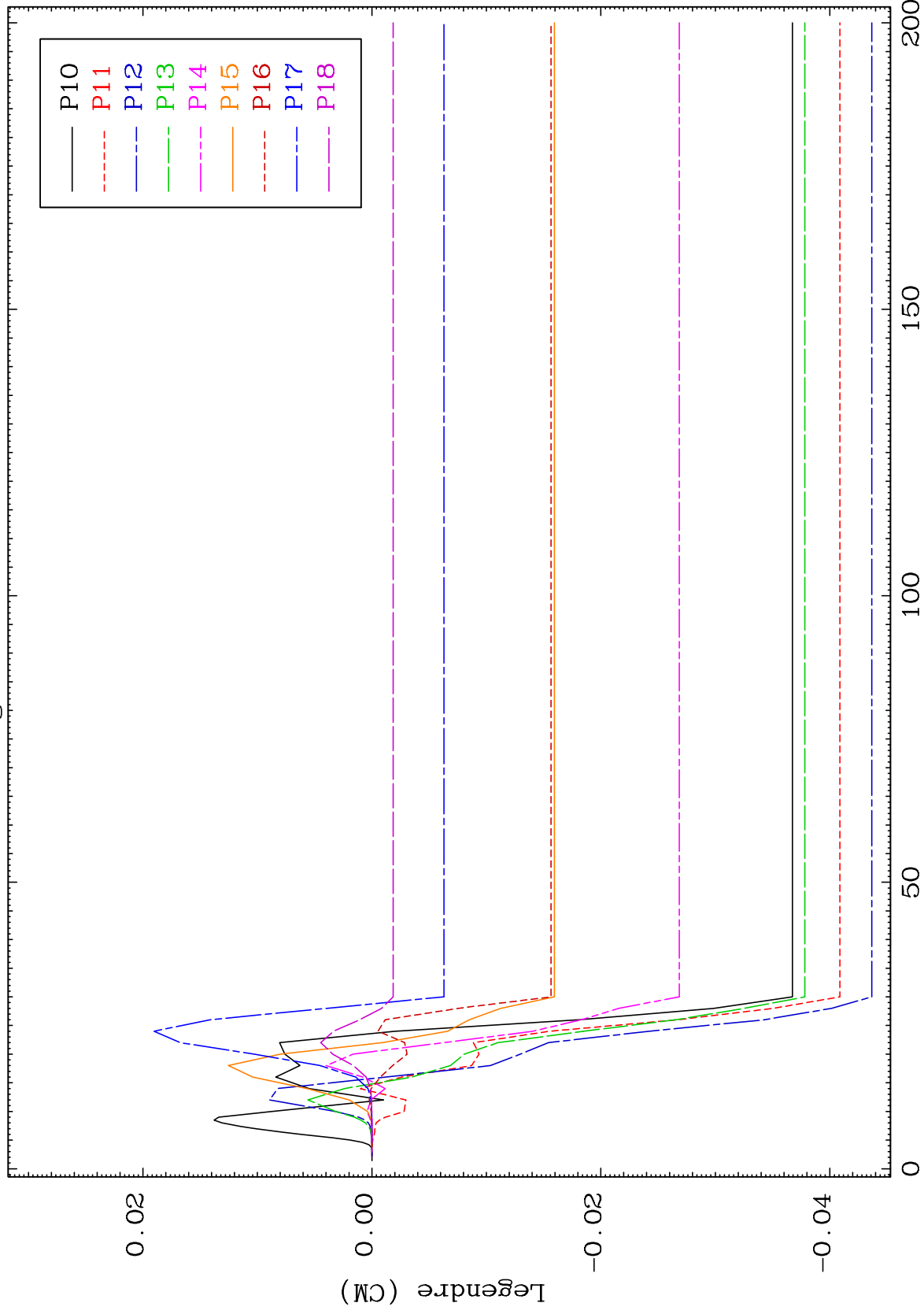
Incident Energy (MeV)

36

MAT 6549

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

65-Tb-167



37

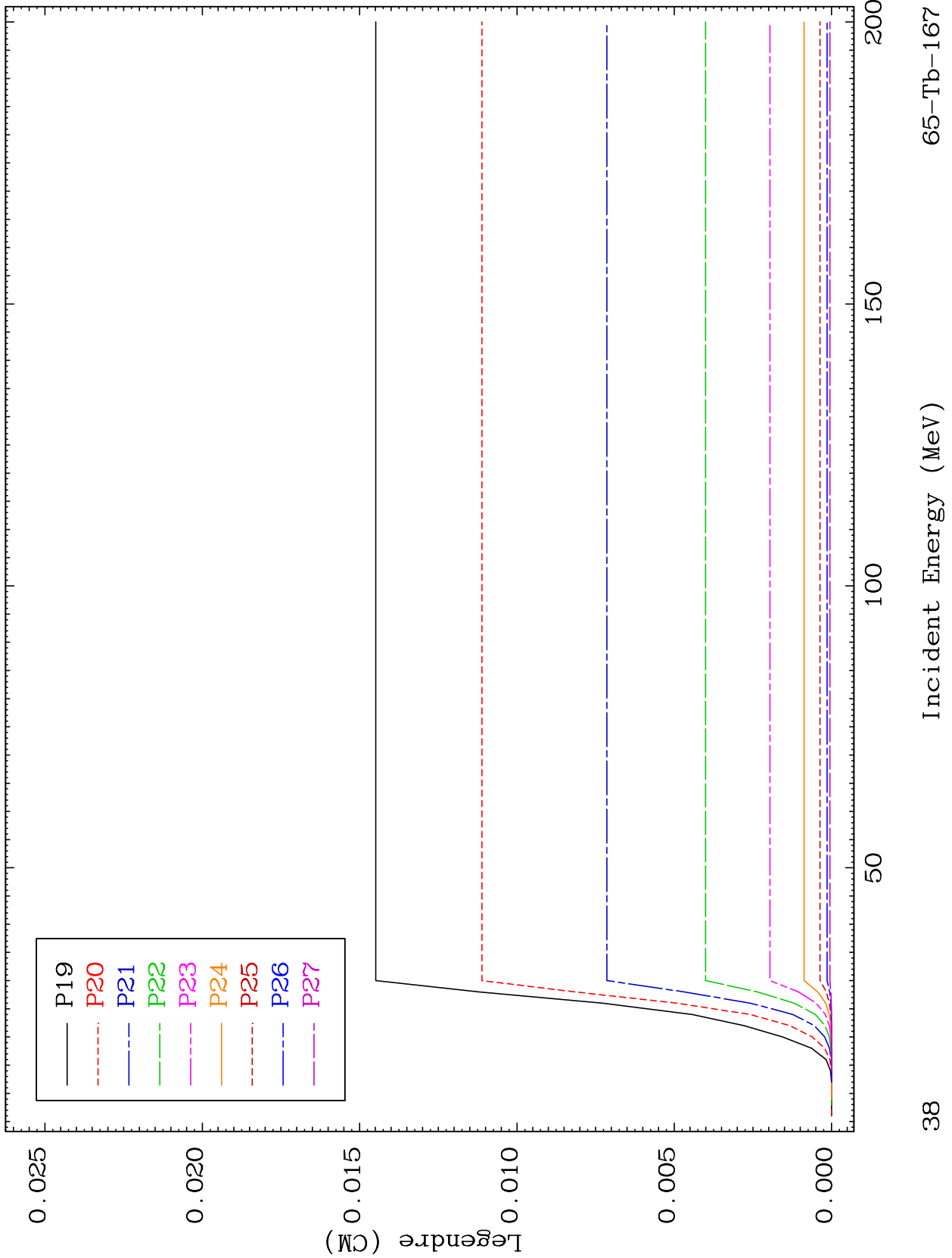
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

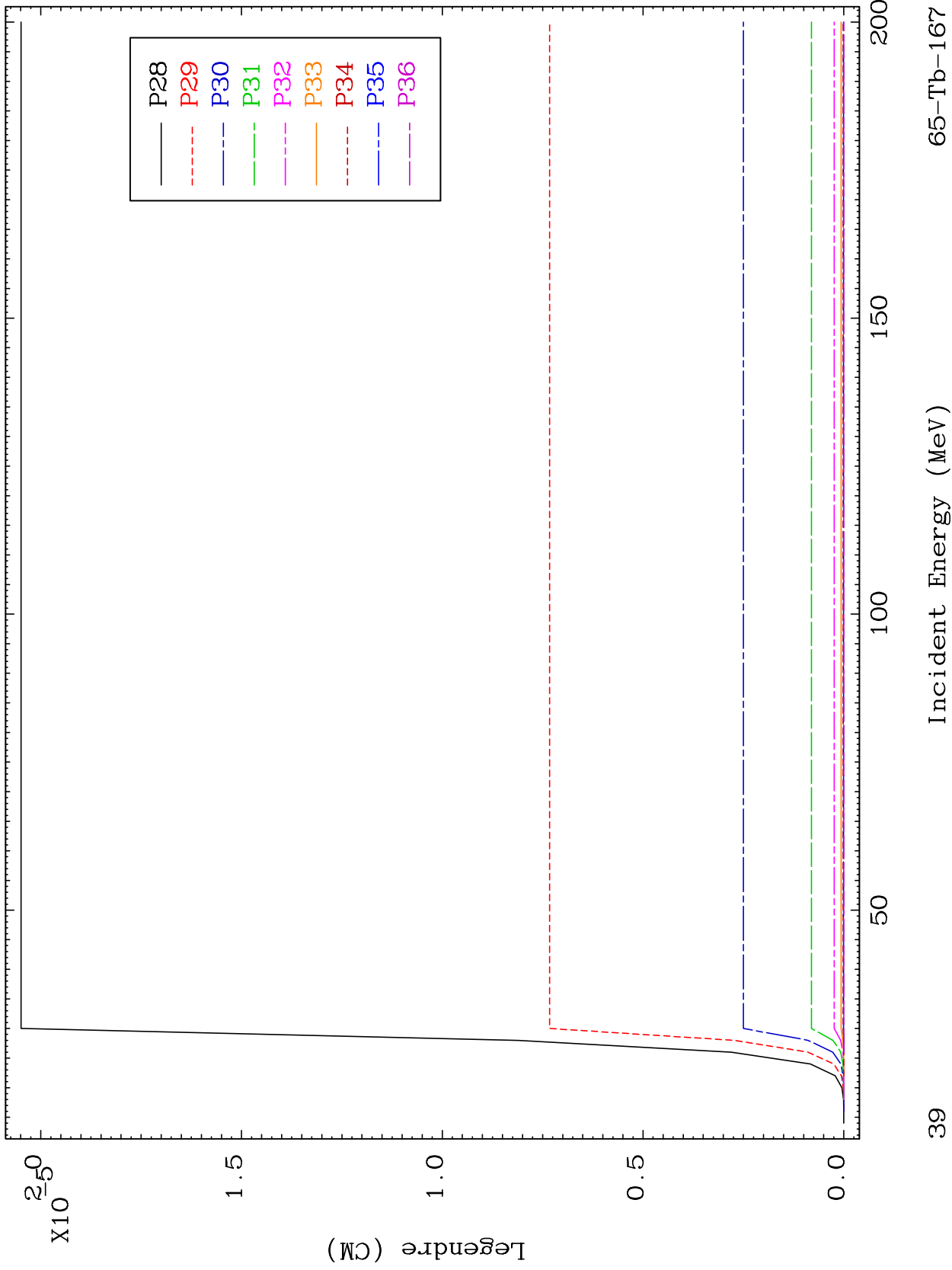
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MAT 6549

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

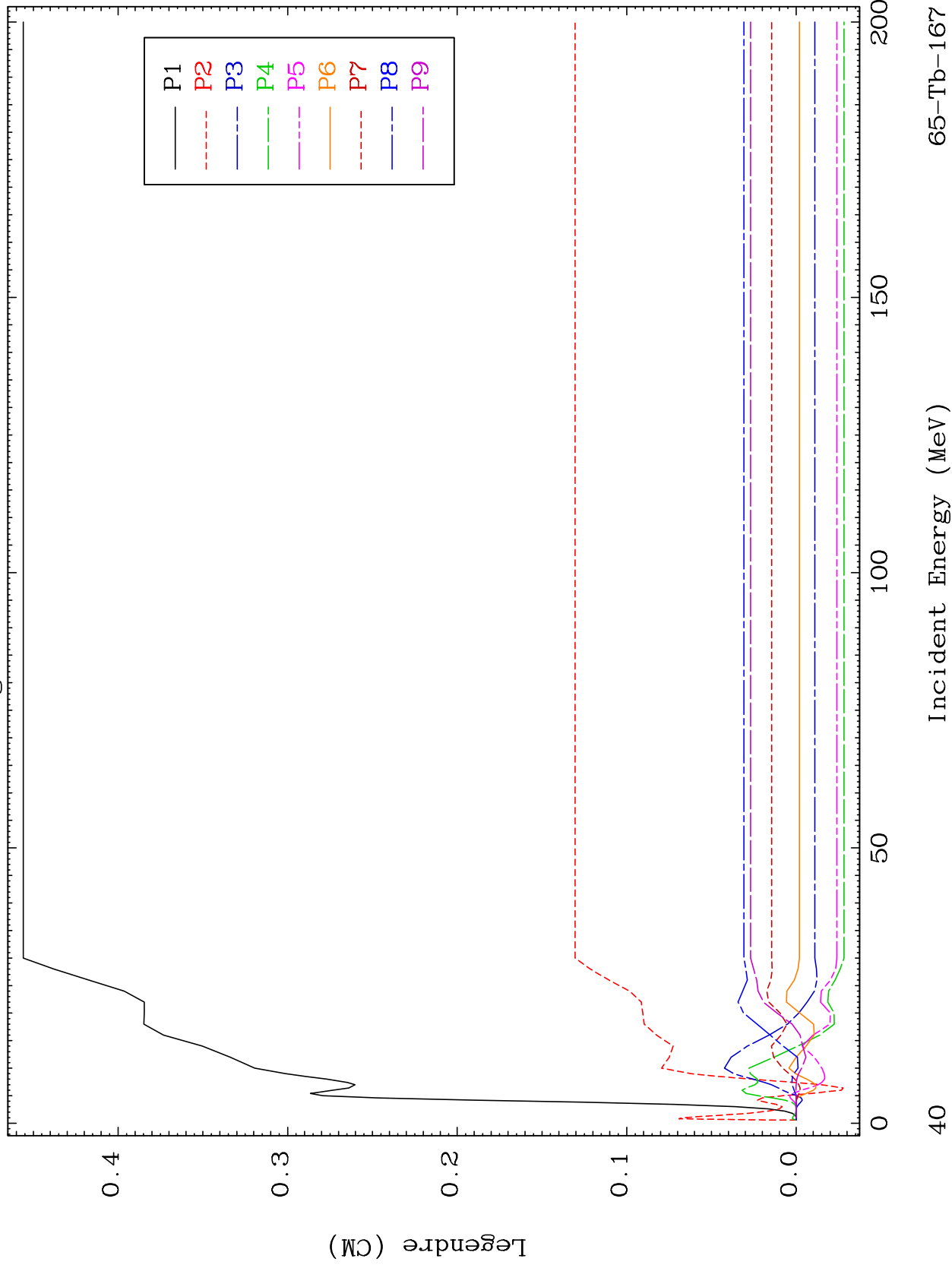
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MAT 6549

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

65-Tb-167

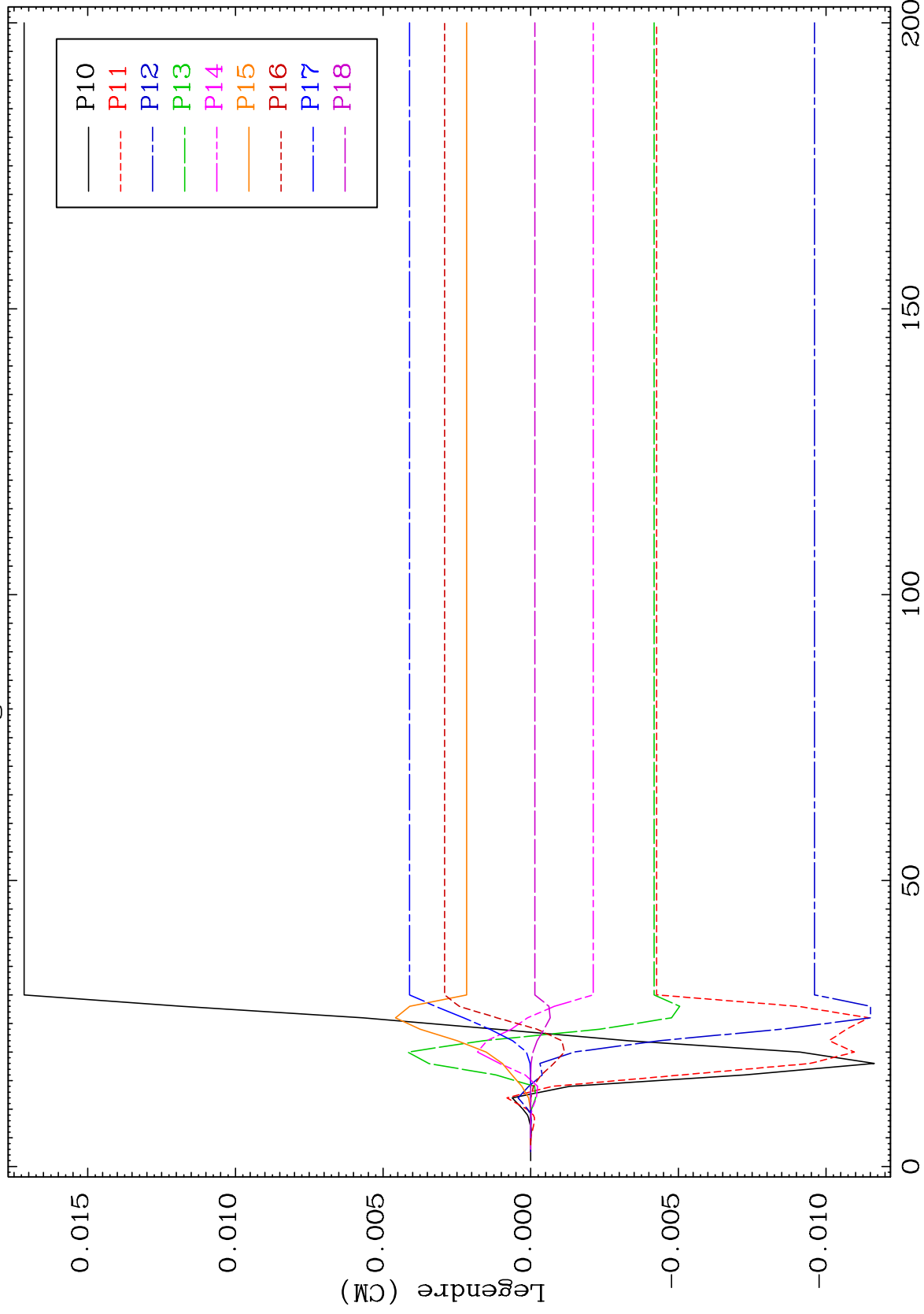


65-Tb-167

MAT 6549

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

65-Tb-167



41

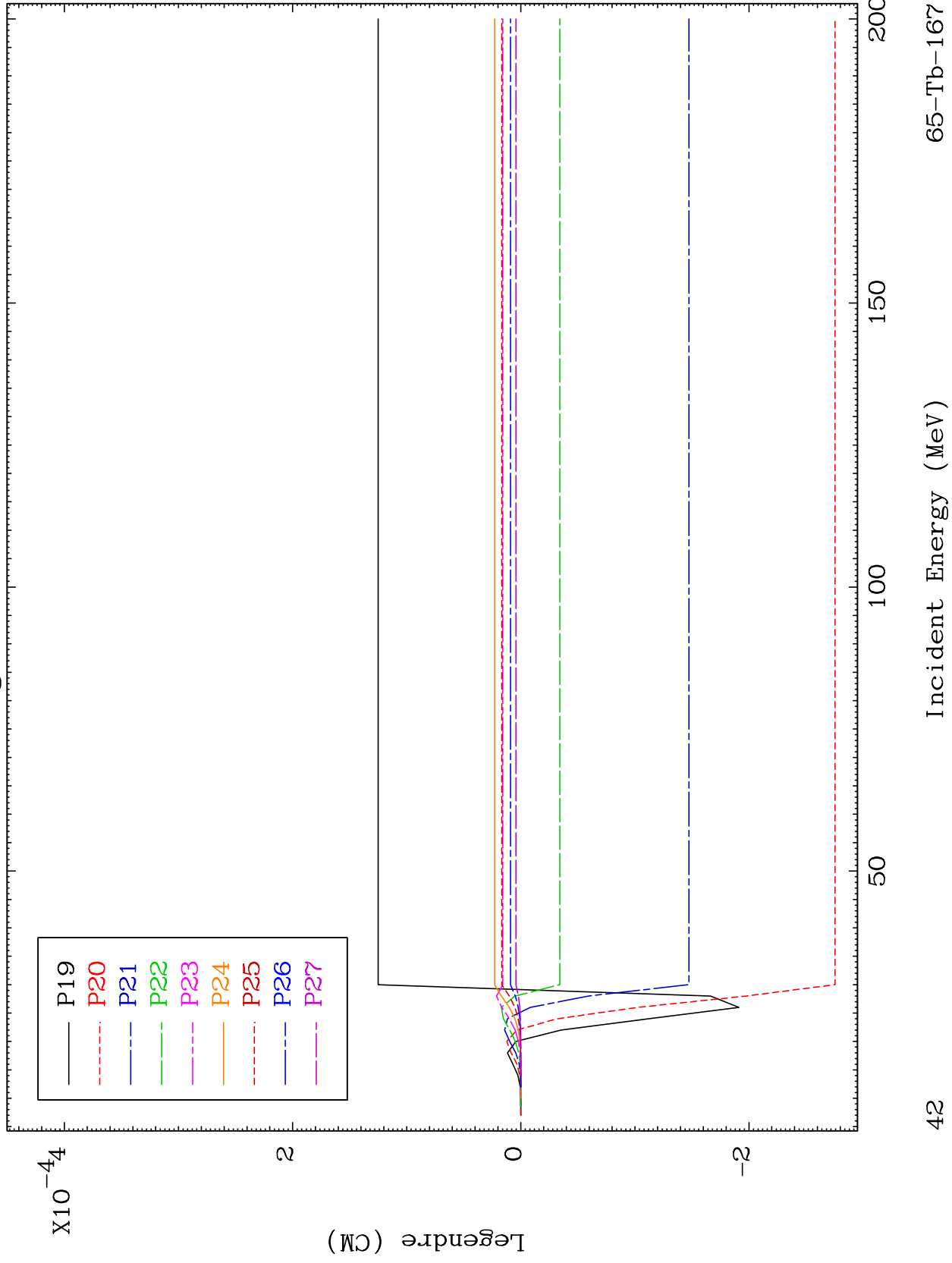
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

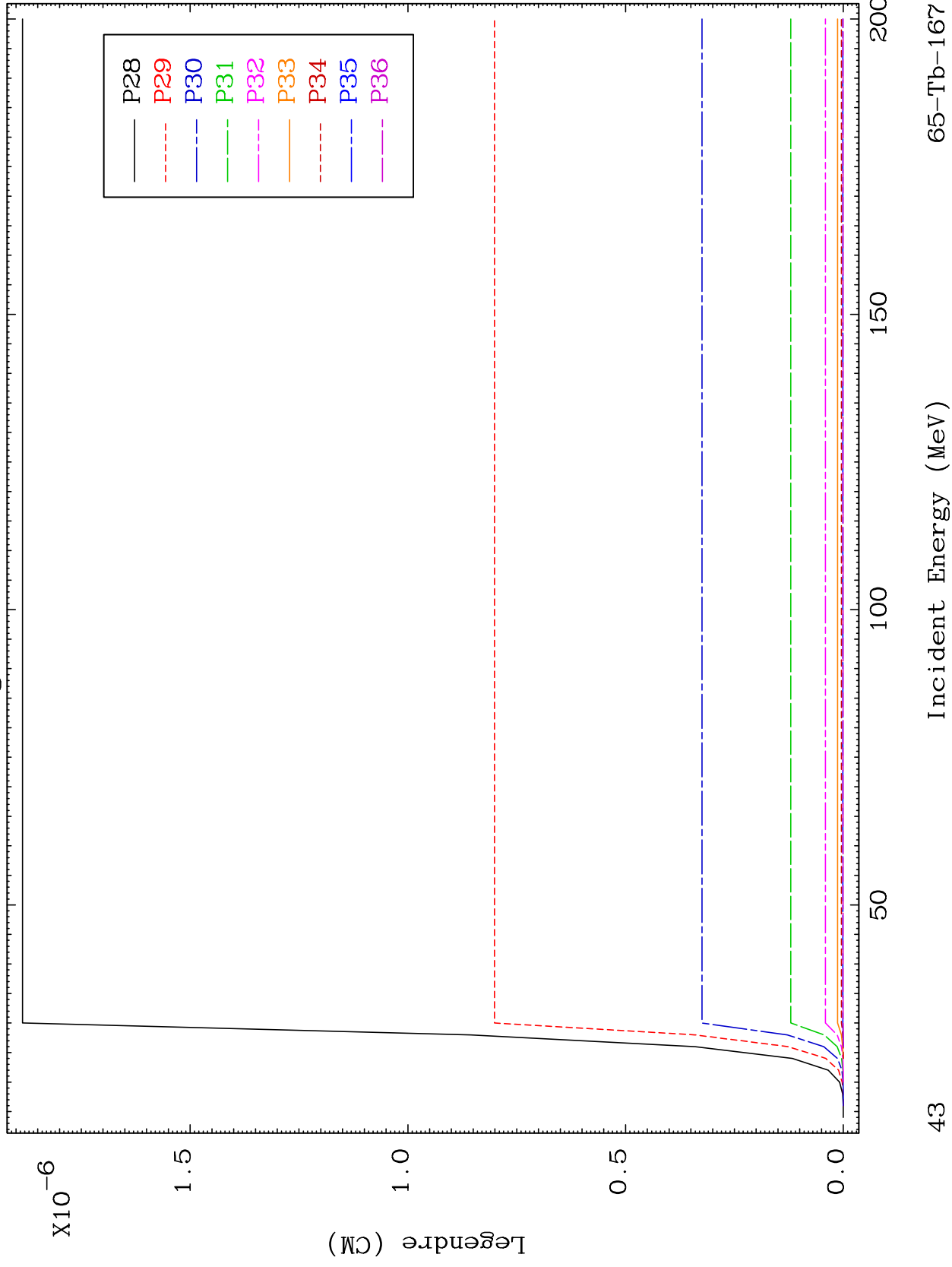
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MAT 6549

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

65-Tb-167



43

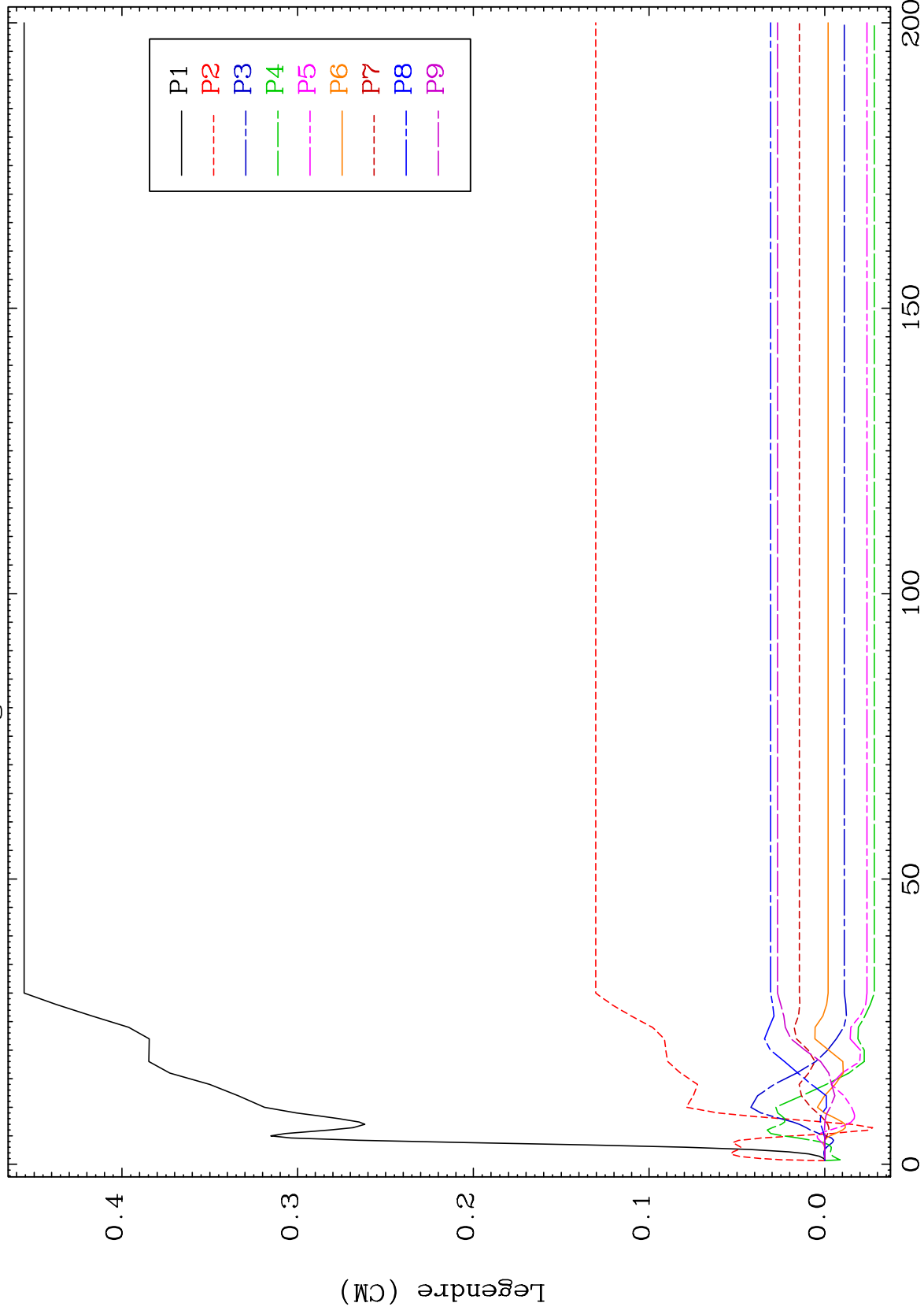
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



44

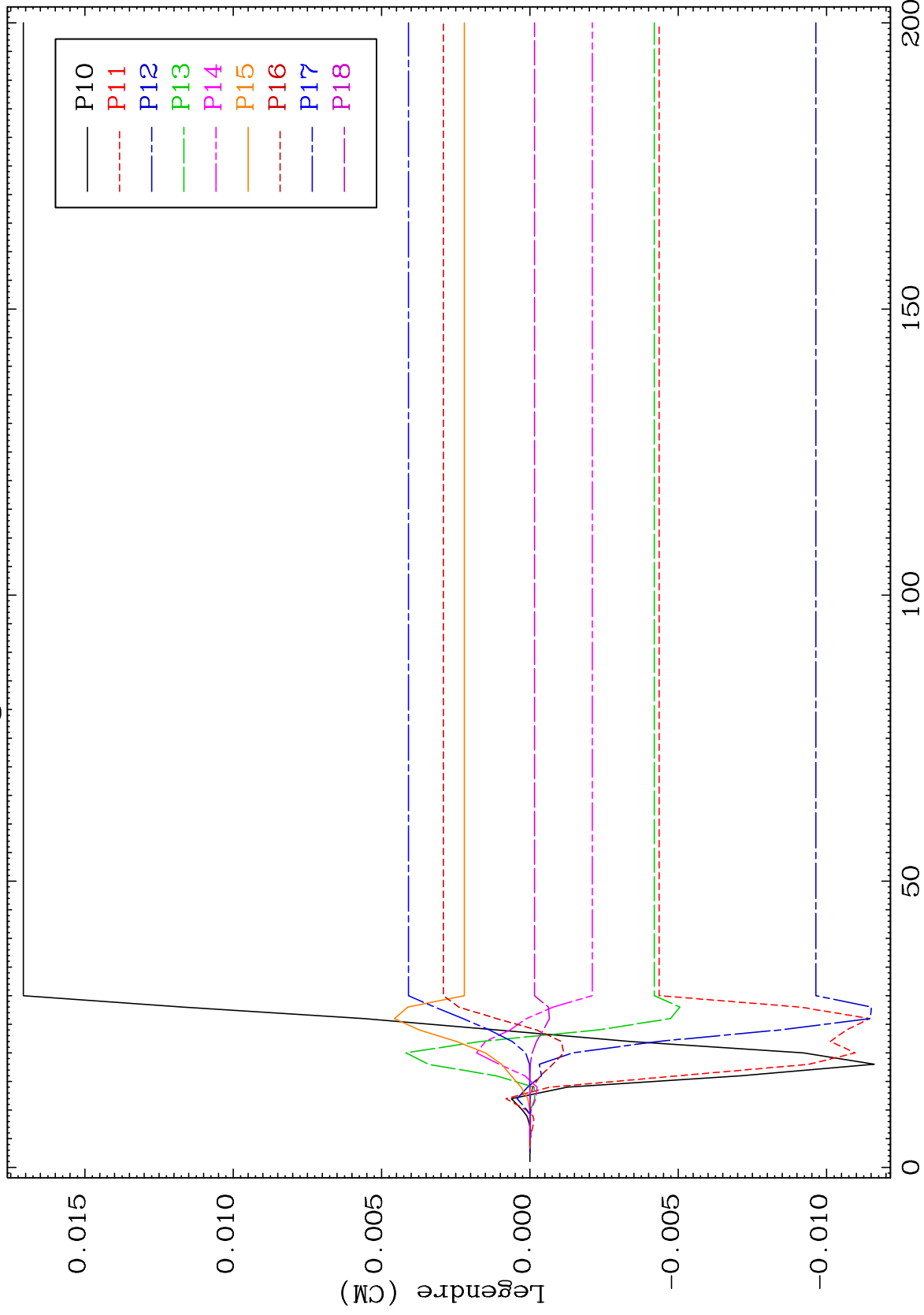
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



45

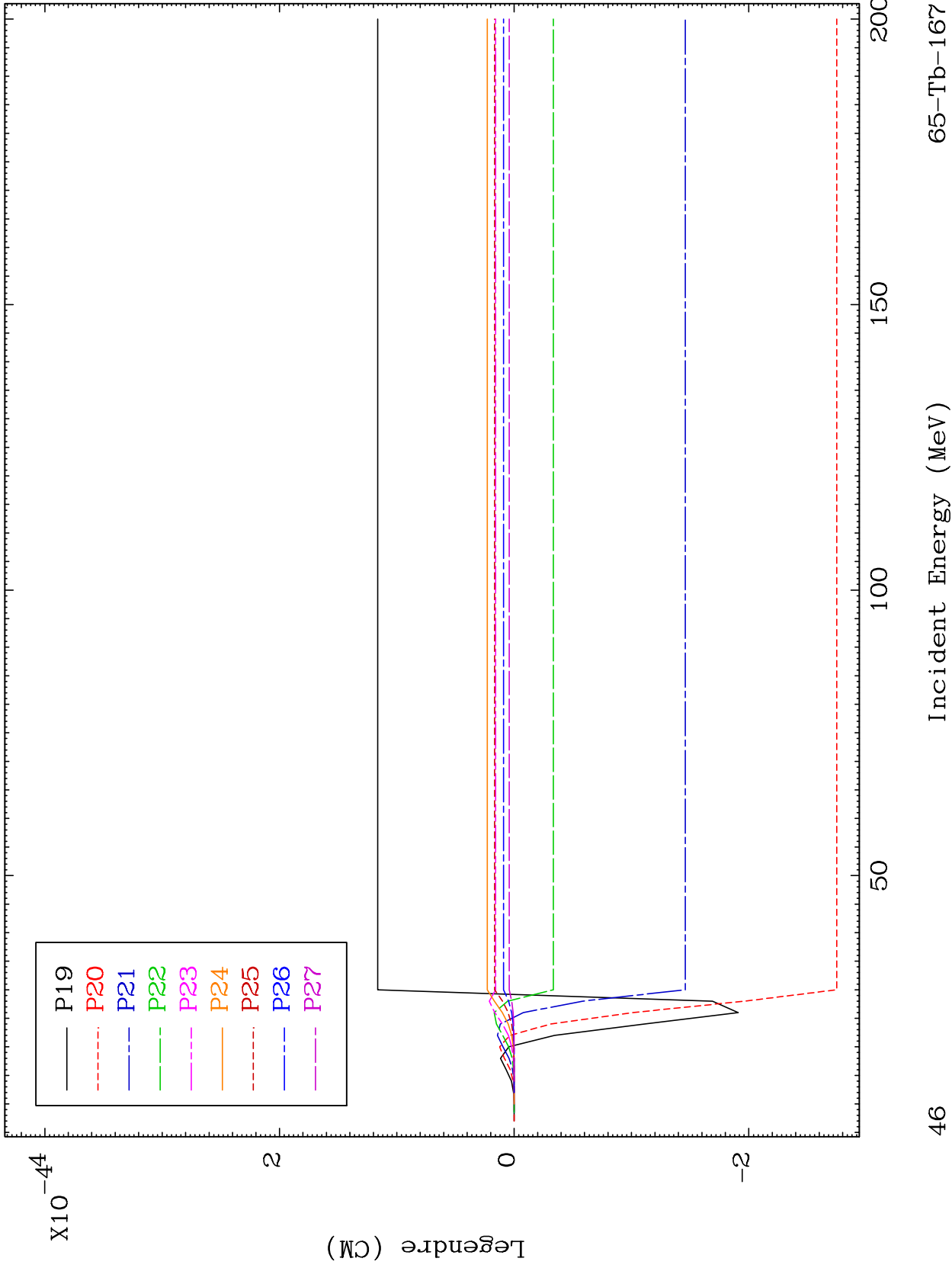
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

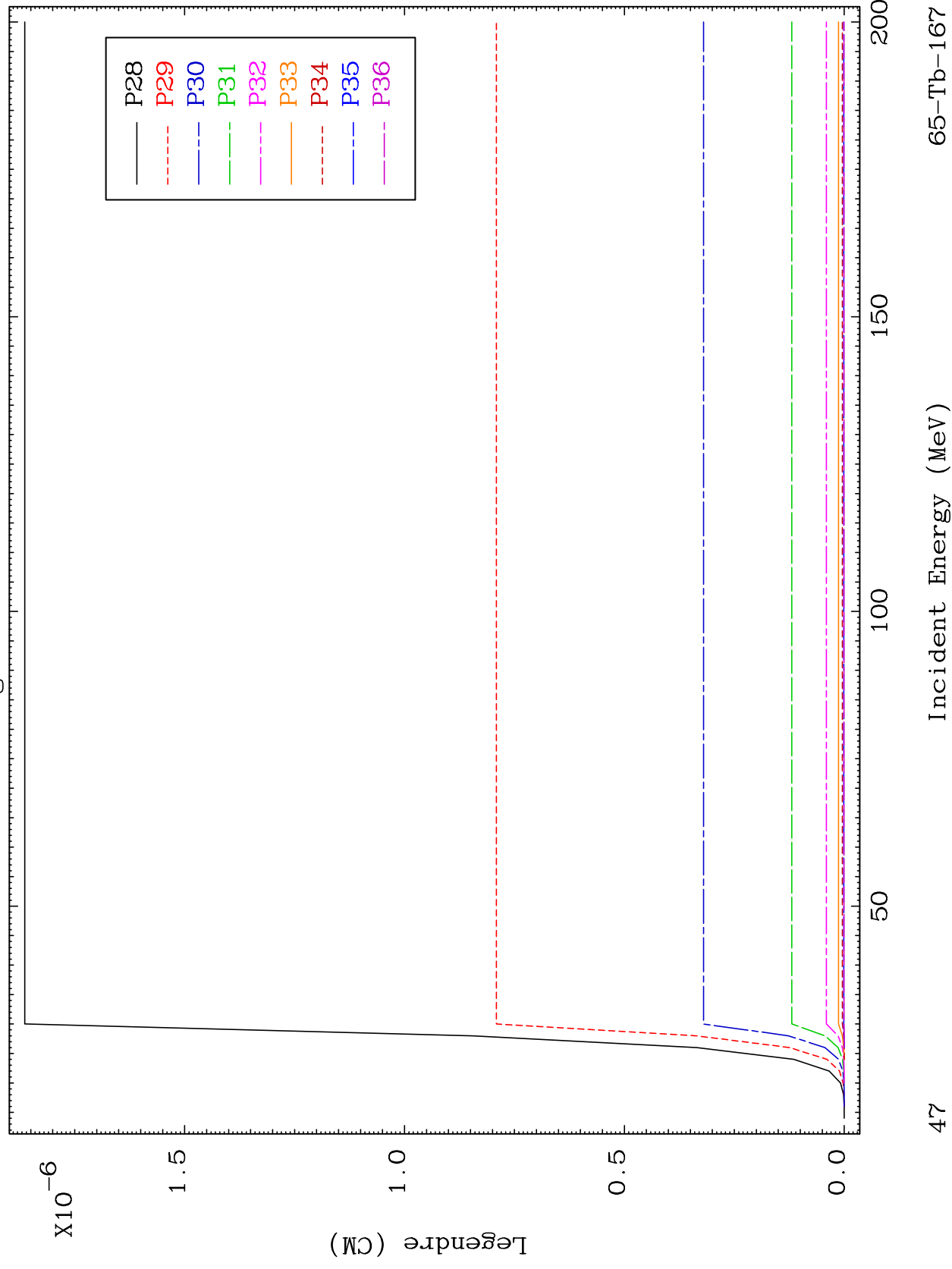
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MAT 6549

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

65-Tb-167



47

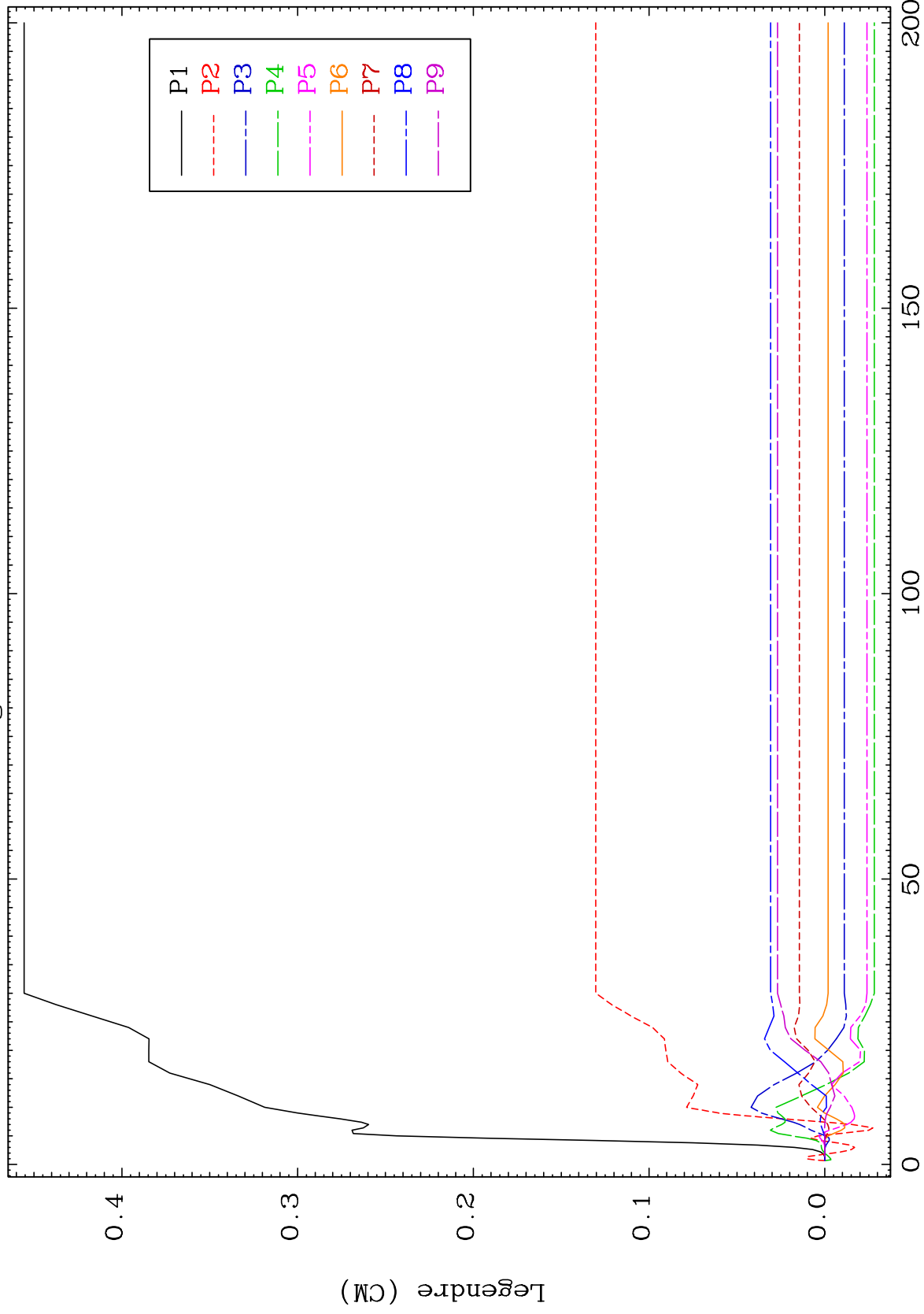
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



48

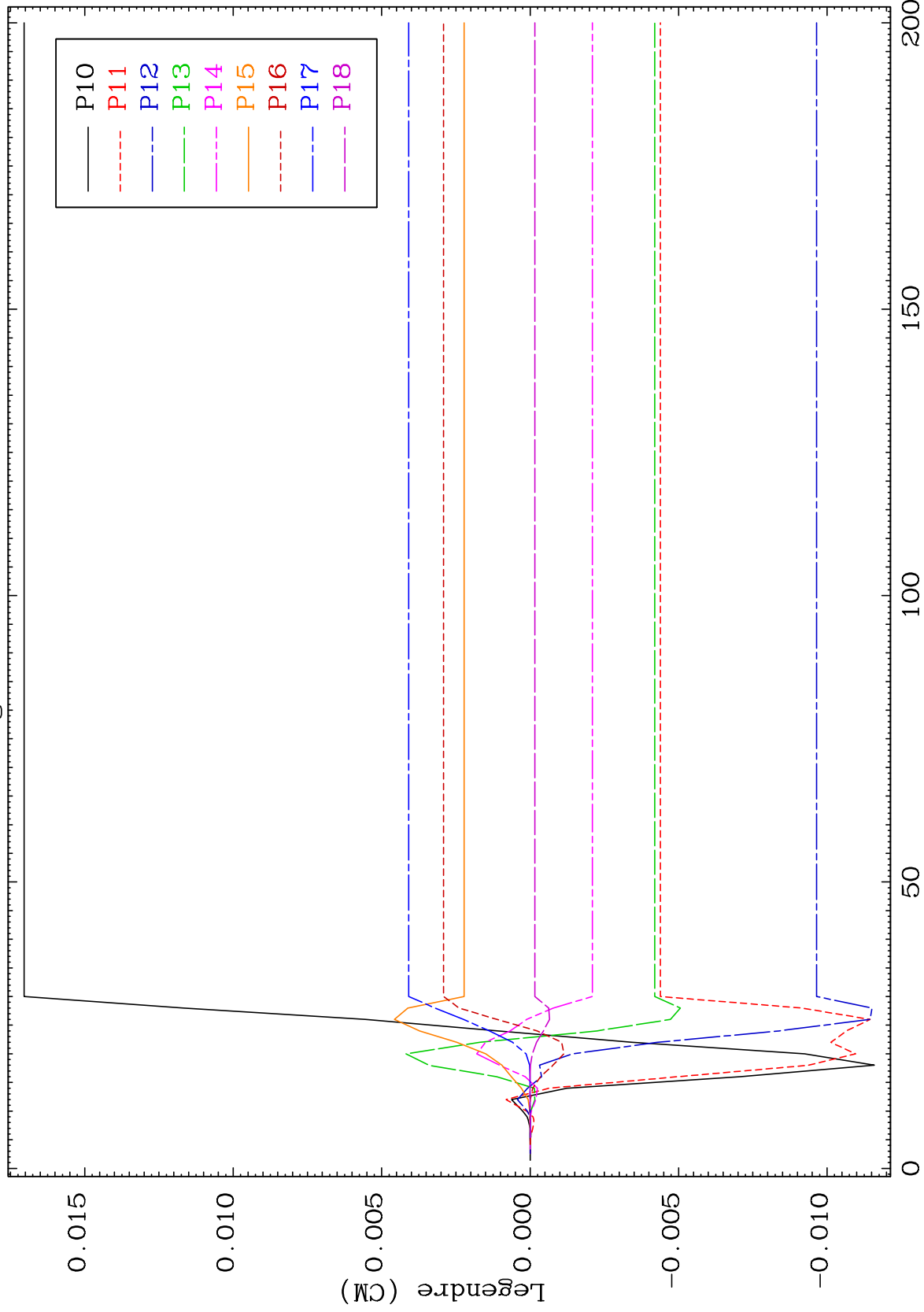
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



49

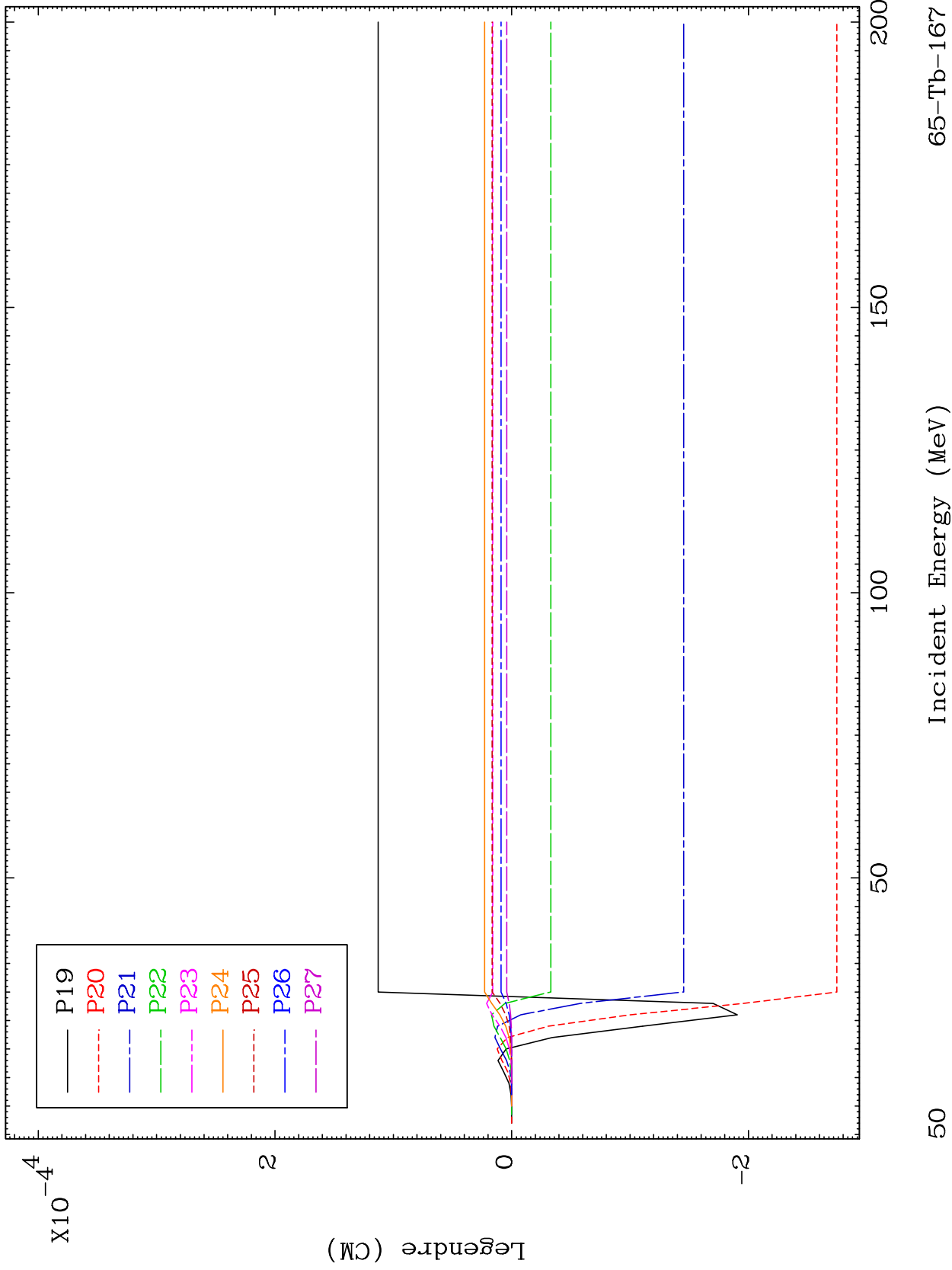
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

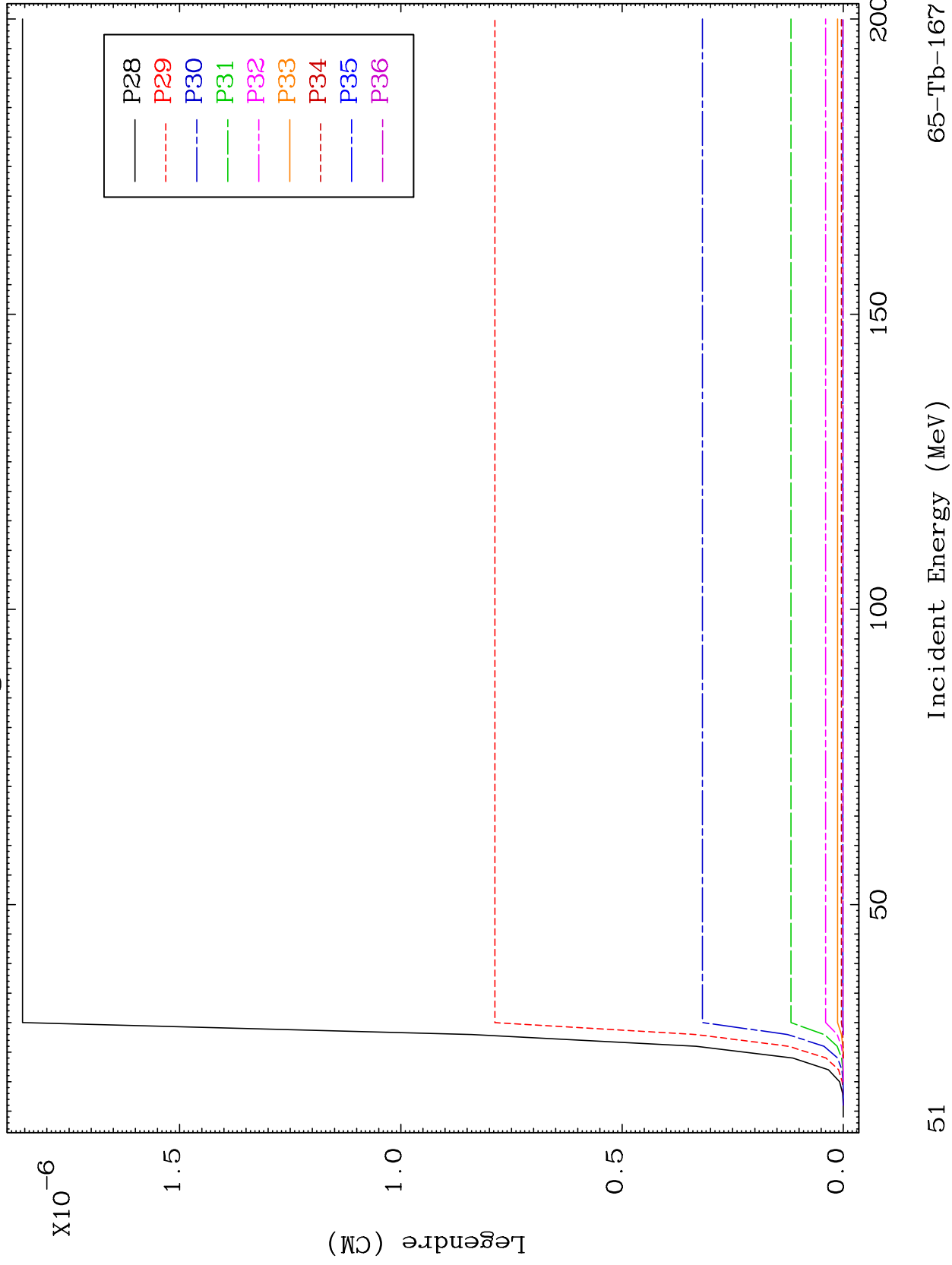
65-Tb-167



MAT 6549

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

65-Tb-167

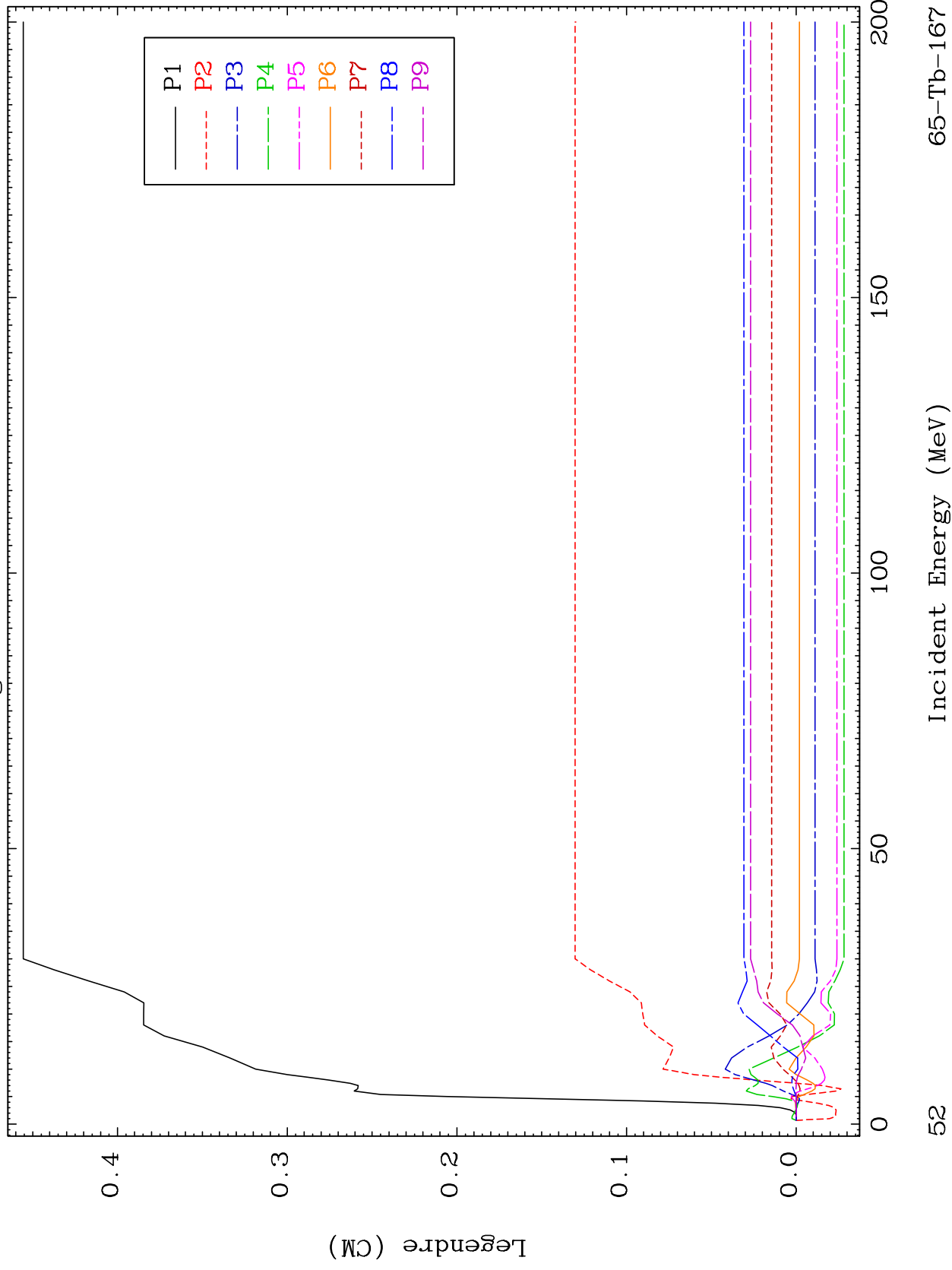


51

MAT 6549

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

65-Tb-167



52

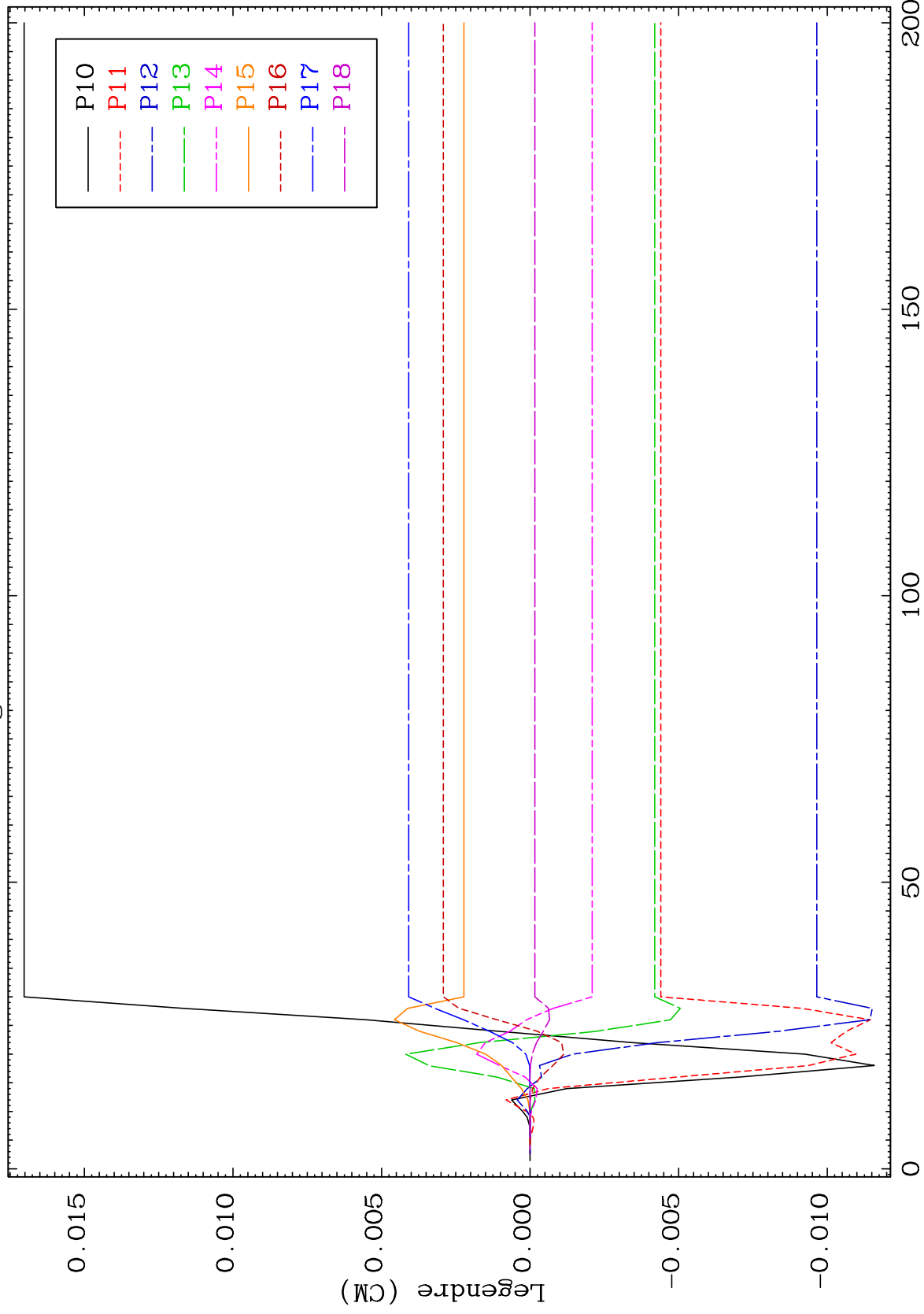
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



53

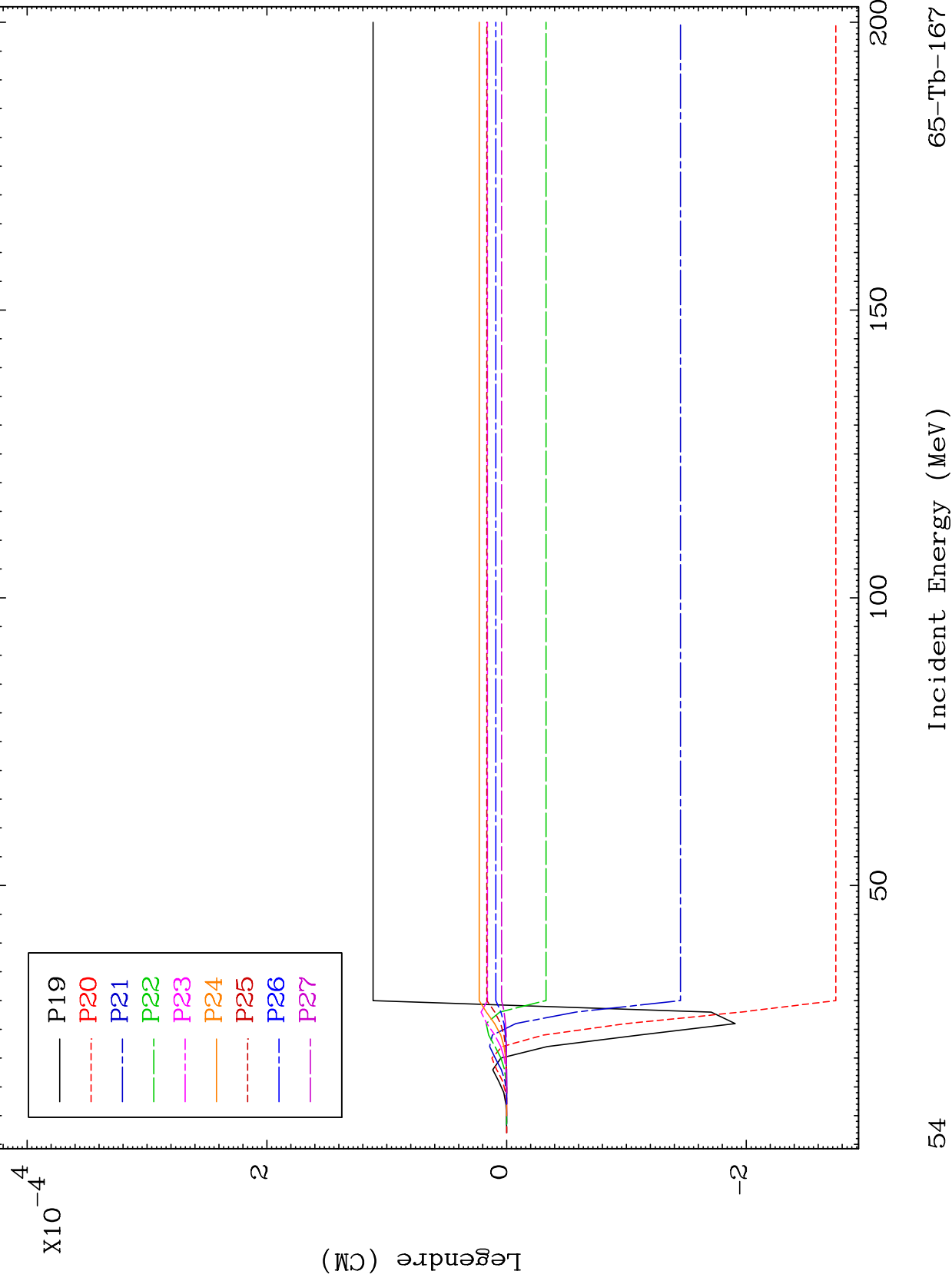
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



54

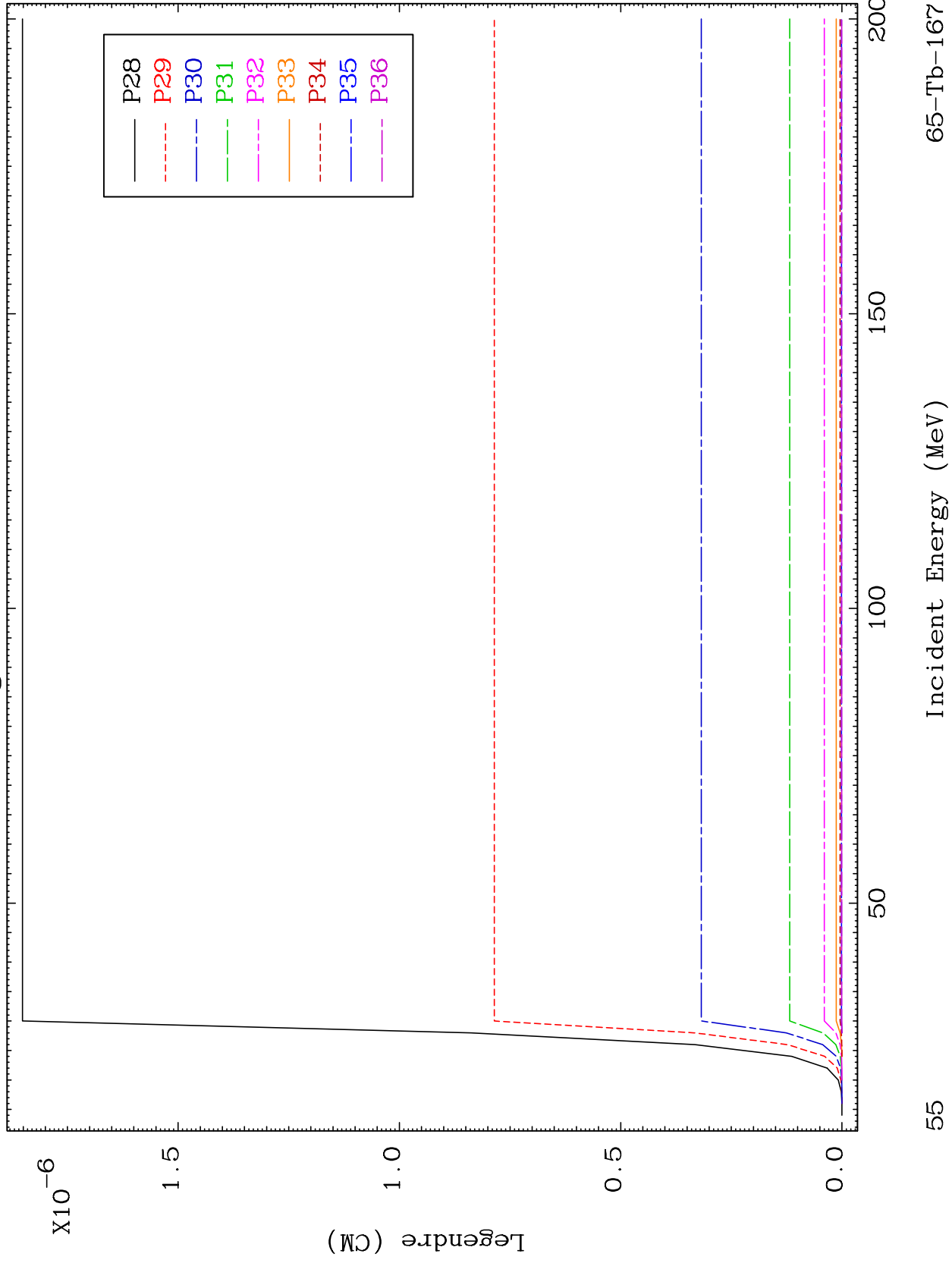
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



55

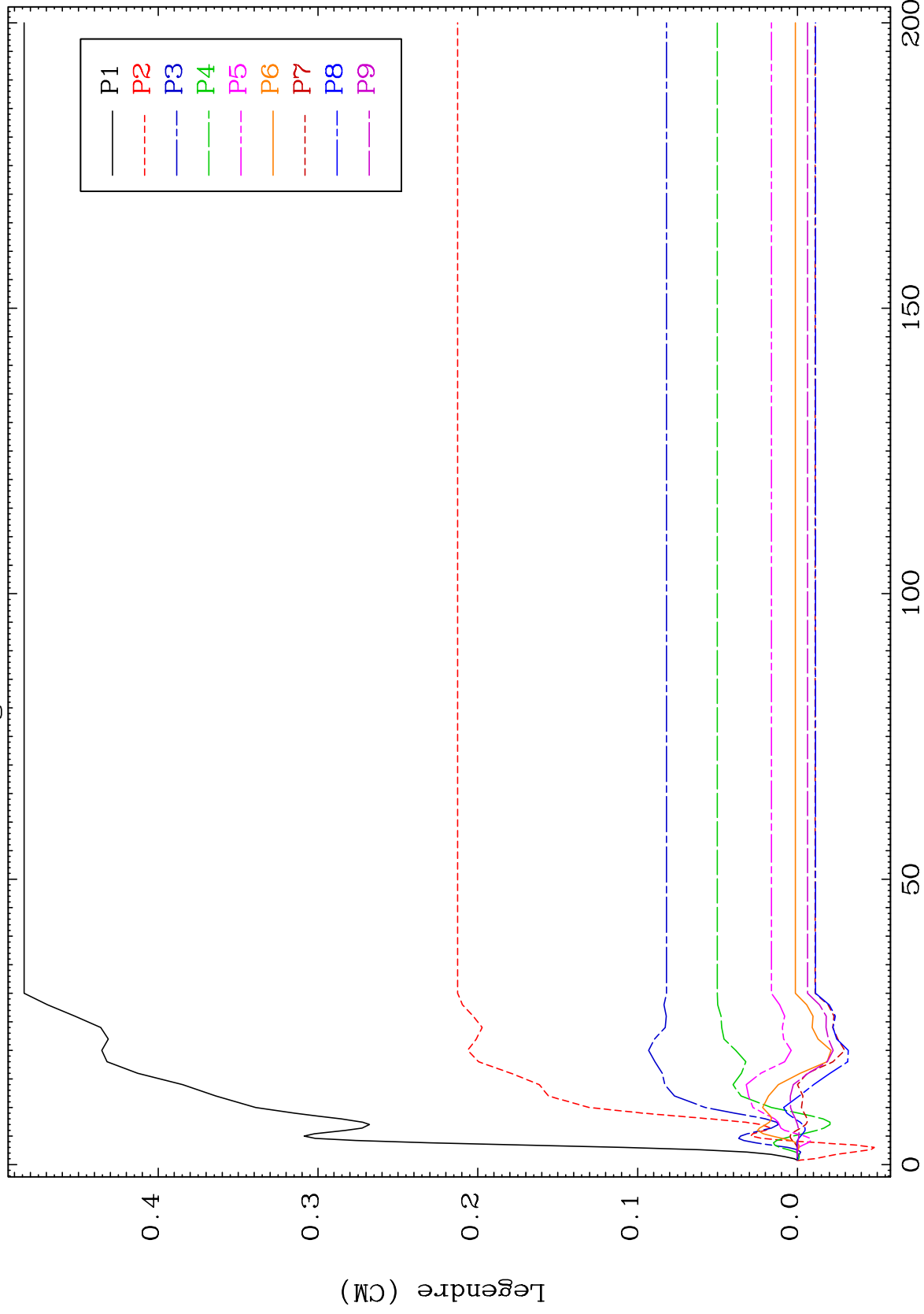
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



56

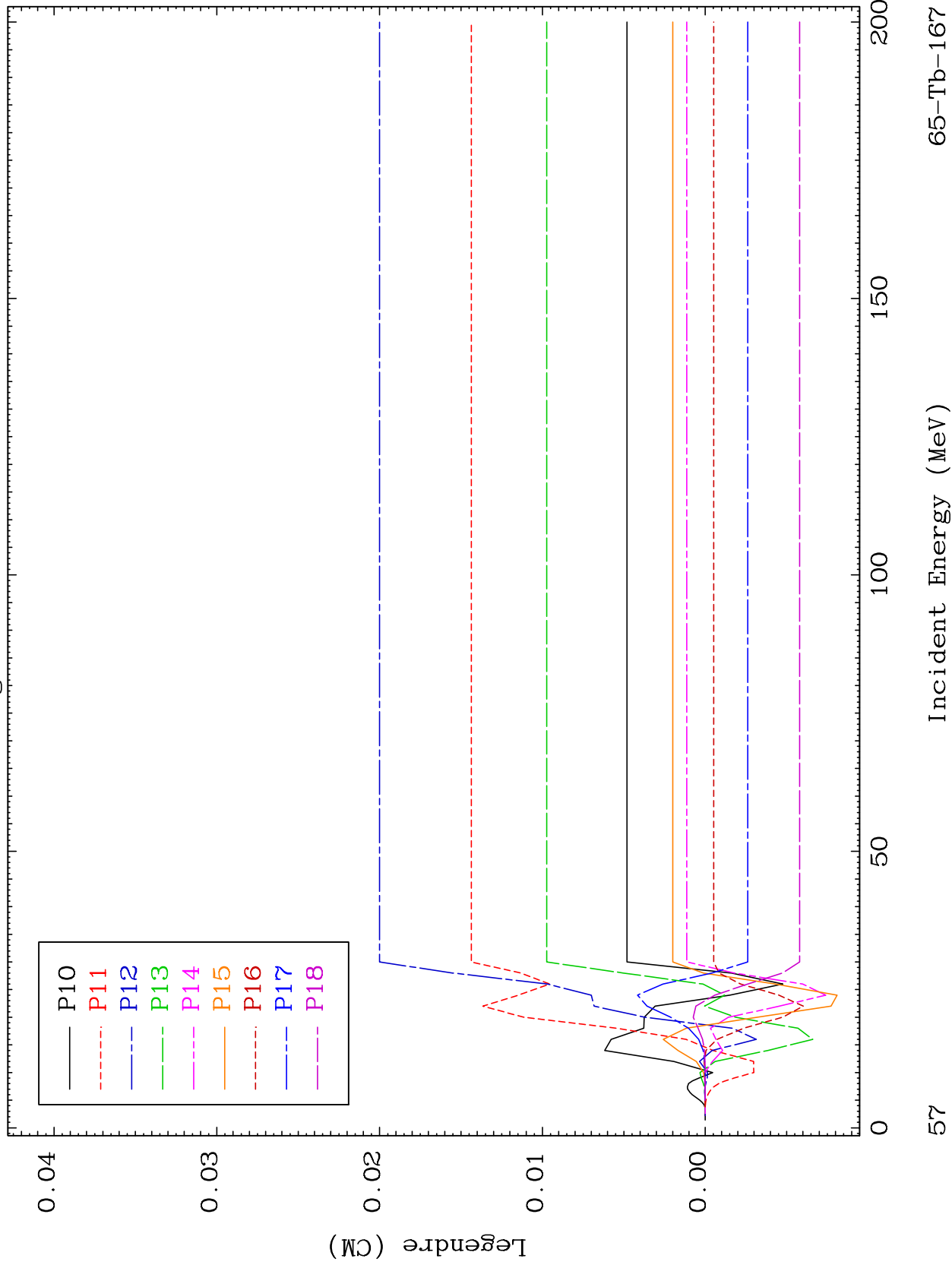
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167

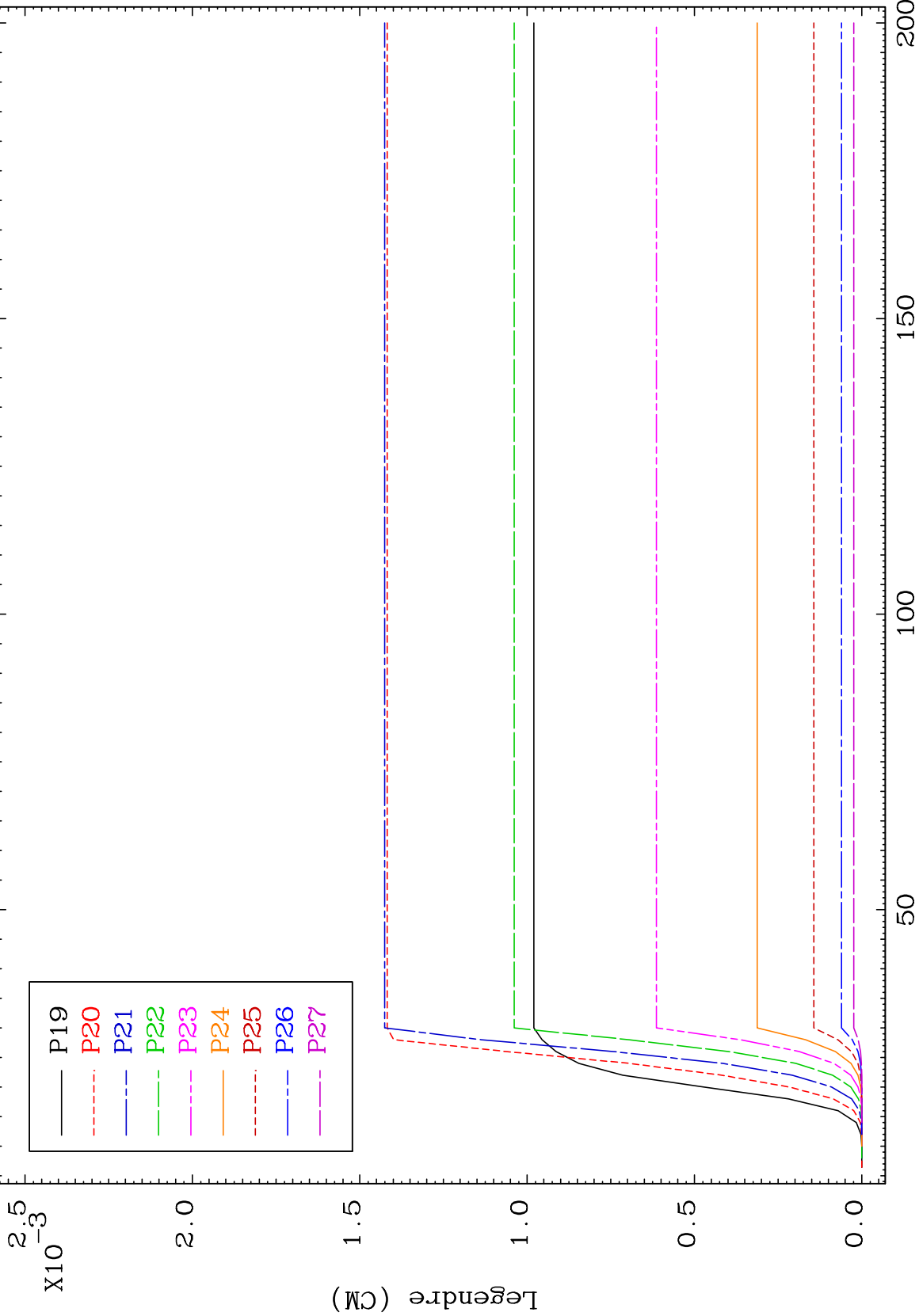


57

MAT 6549

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

65-Tb-167



58

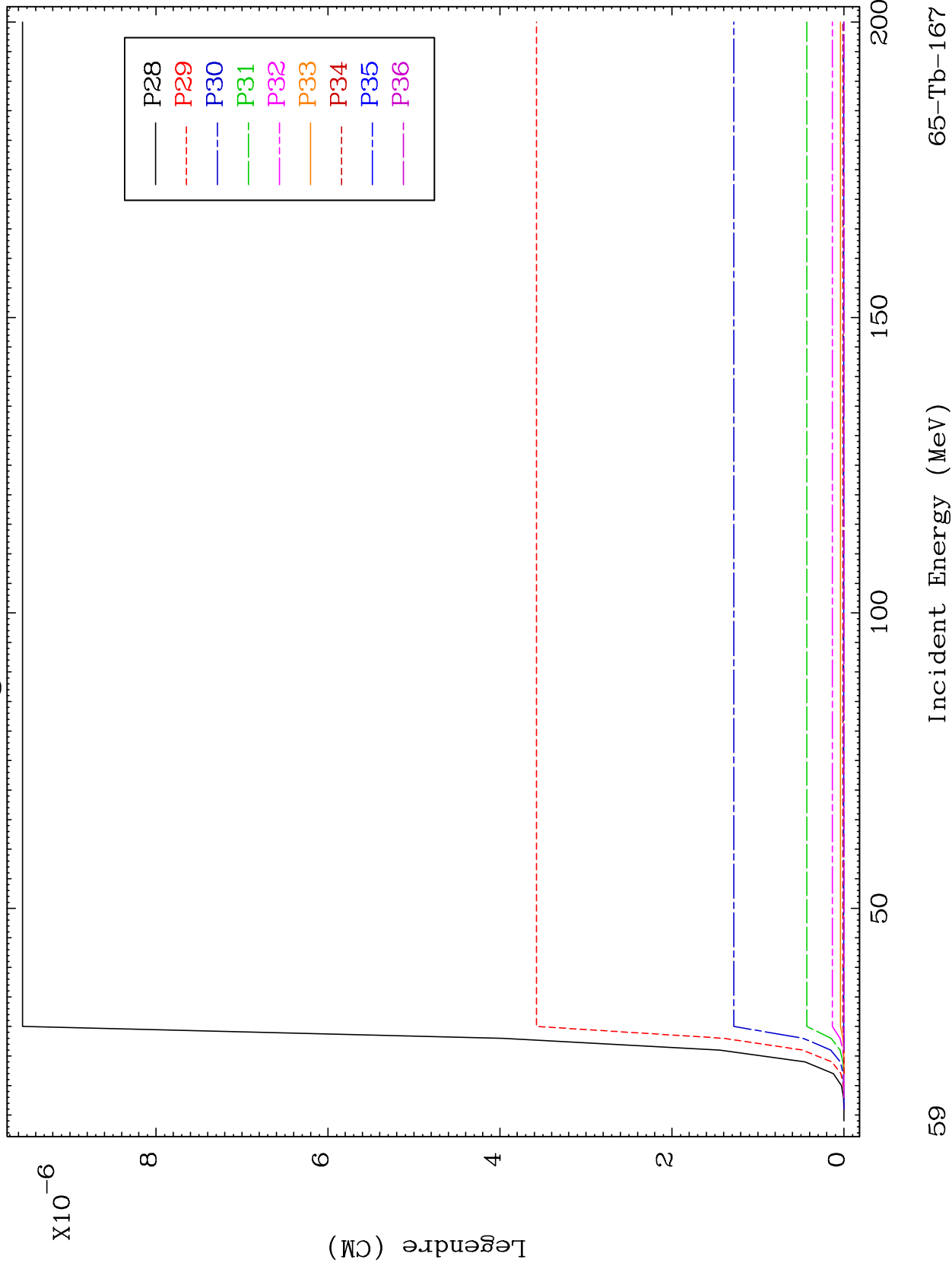
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

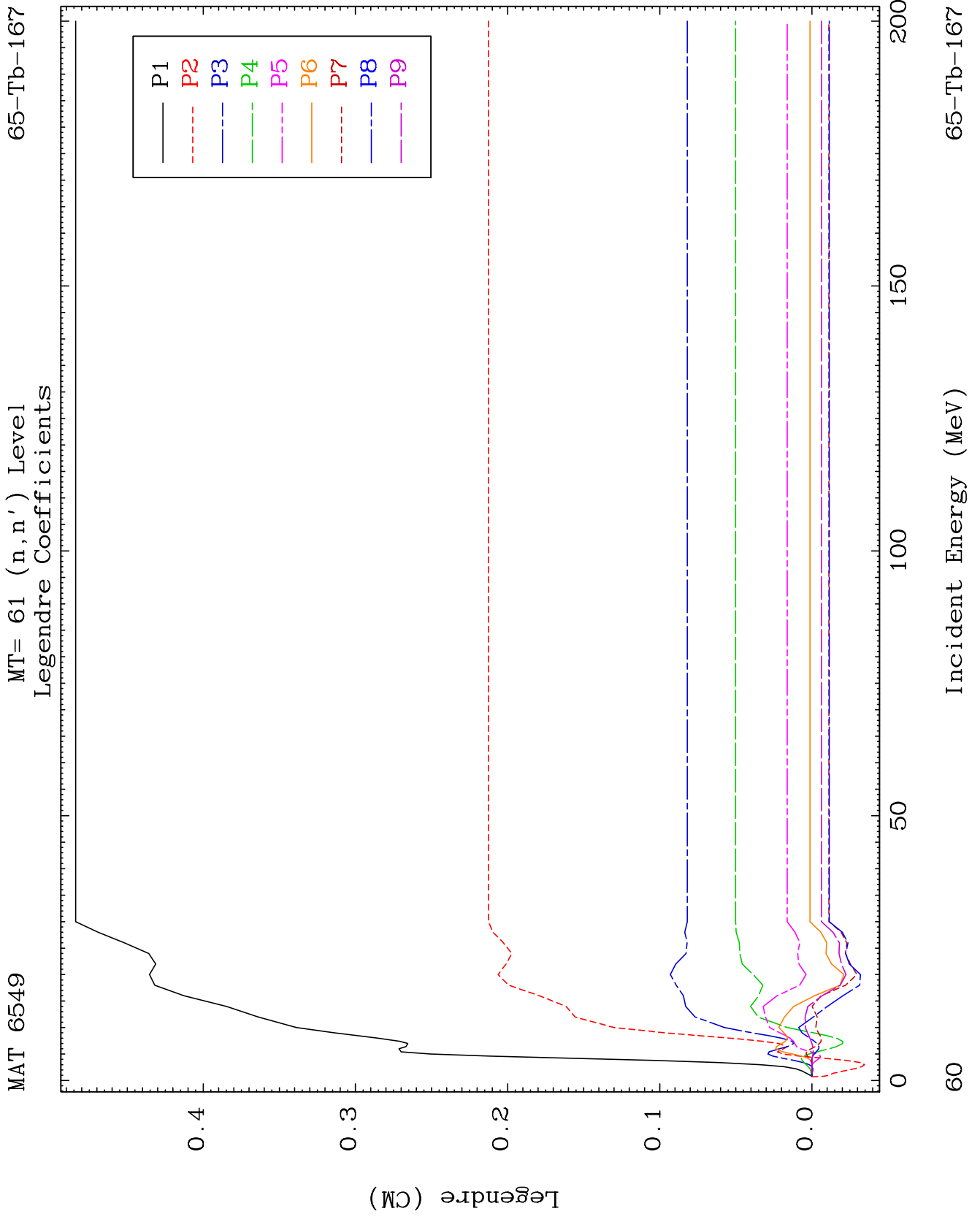
65-Tb-167



59

Incident Energy (MeV)

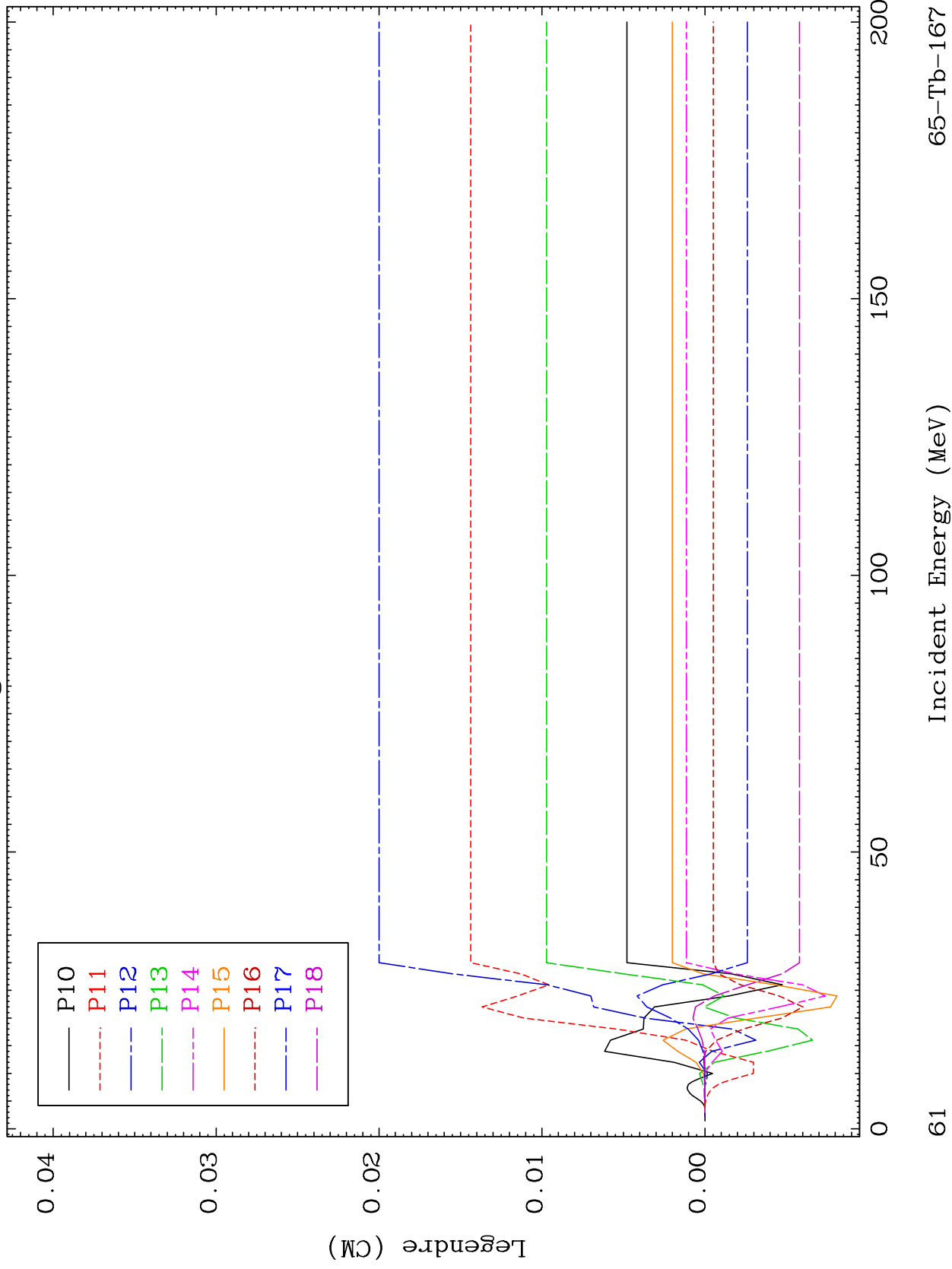
65-Tb-167



MAT 6549

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

65-Tb-167



61

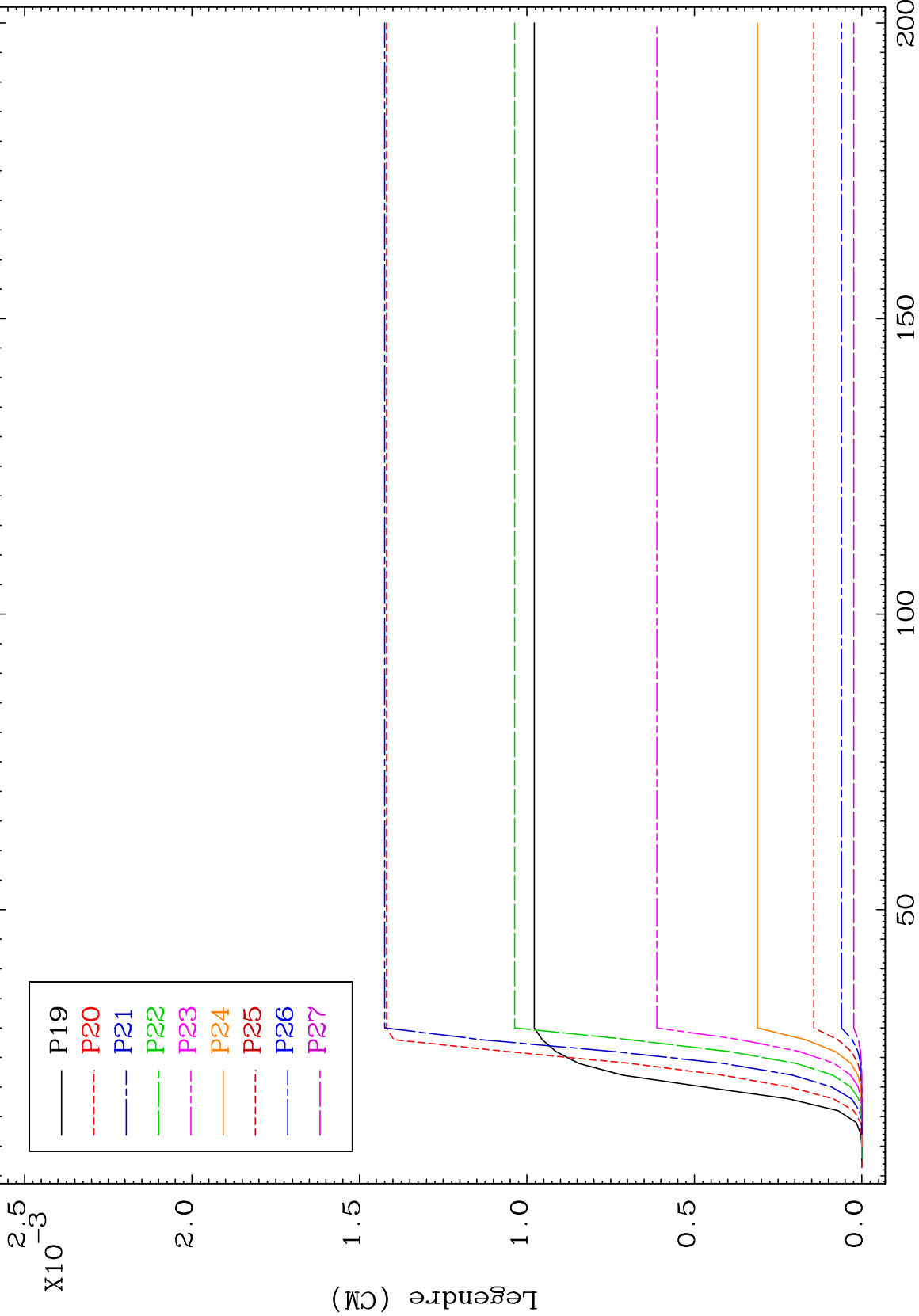
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



62

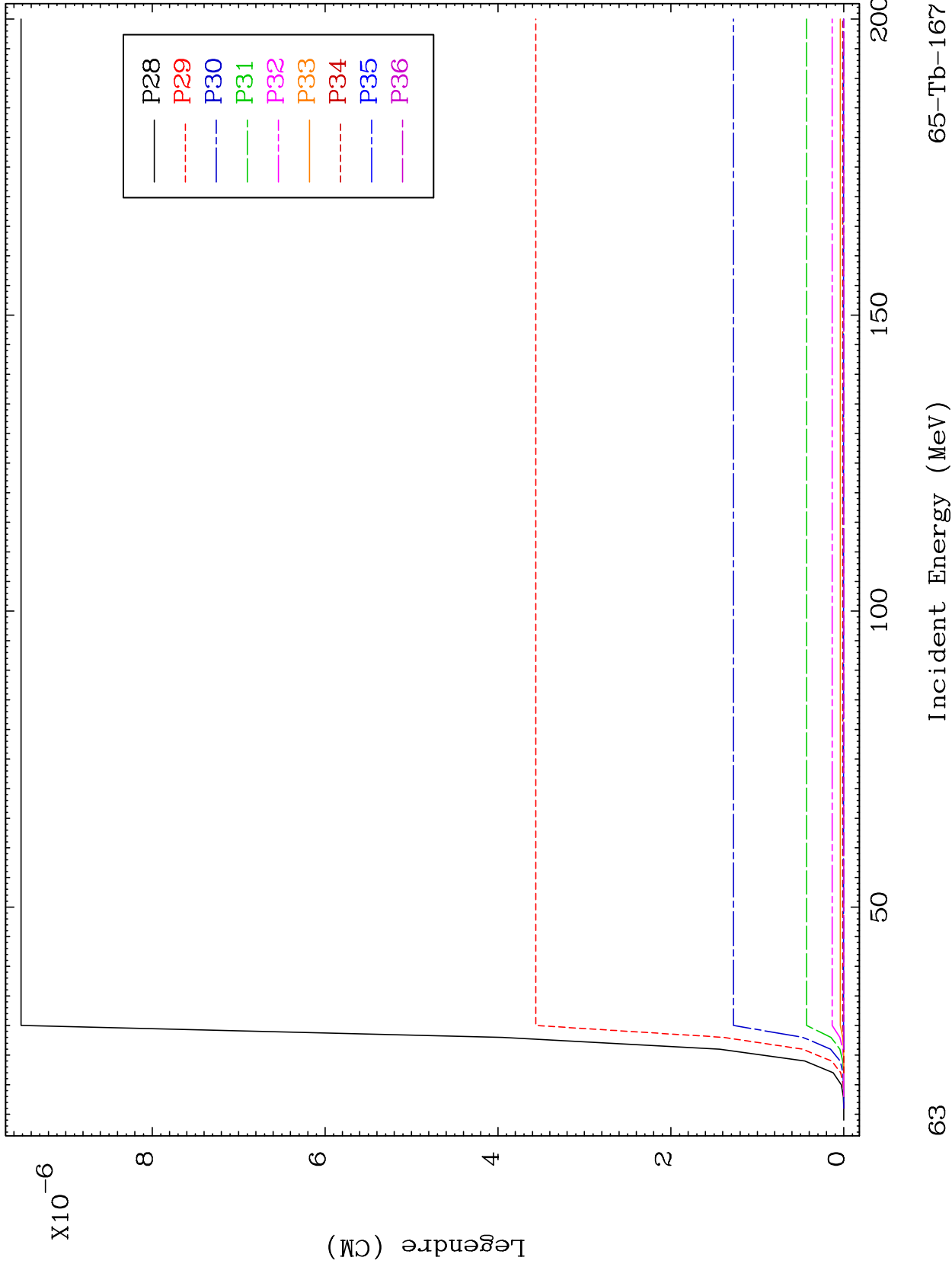
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



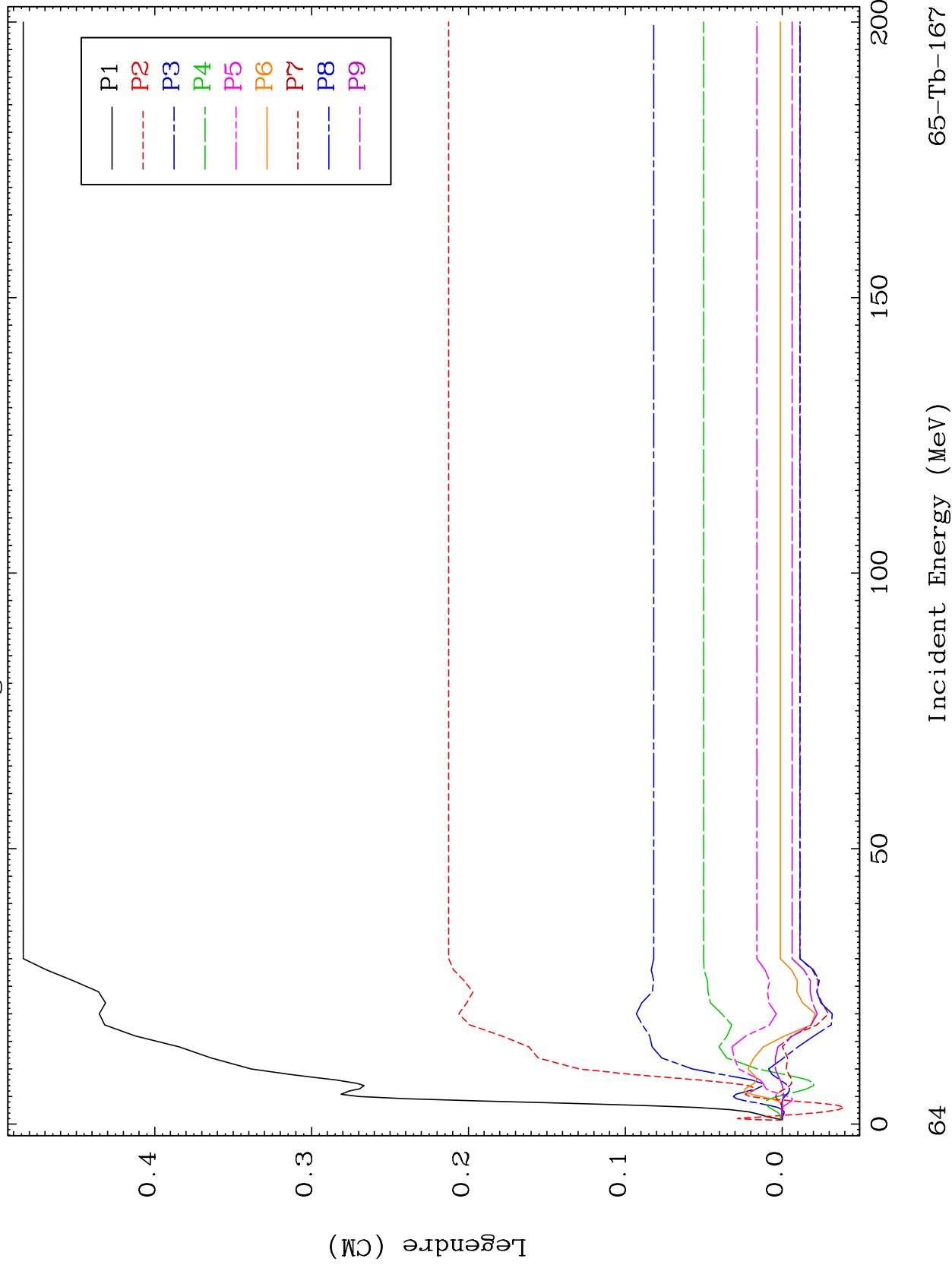
63

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

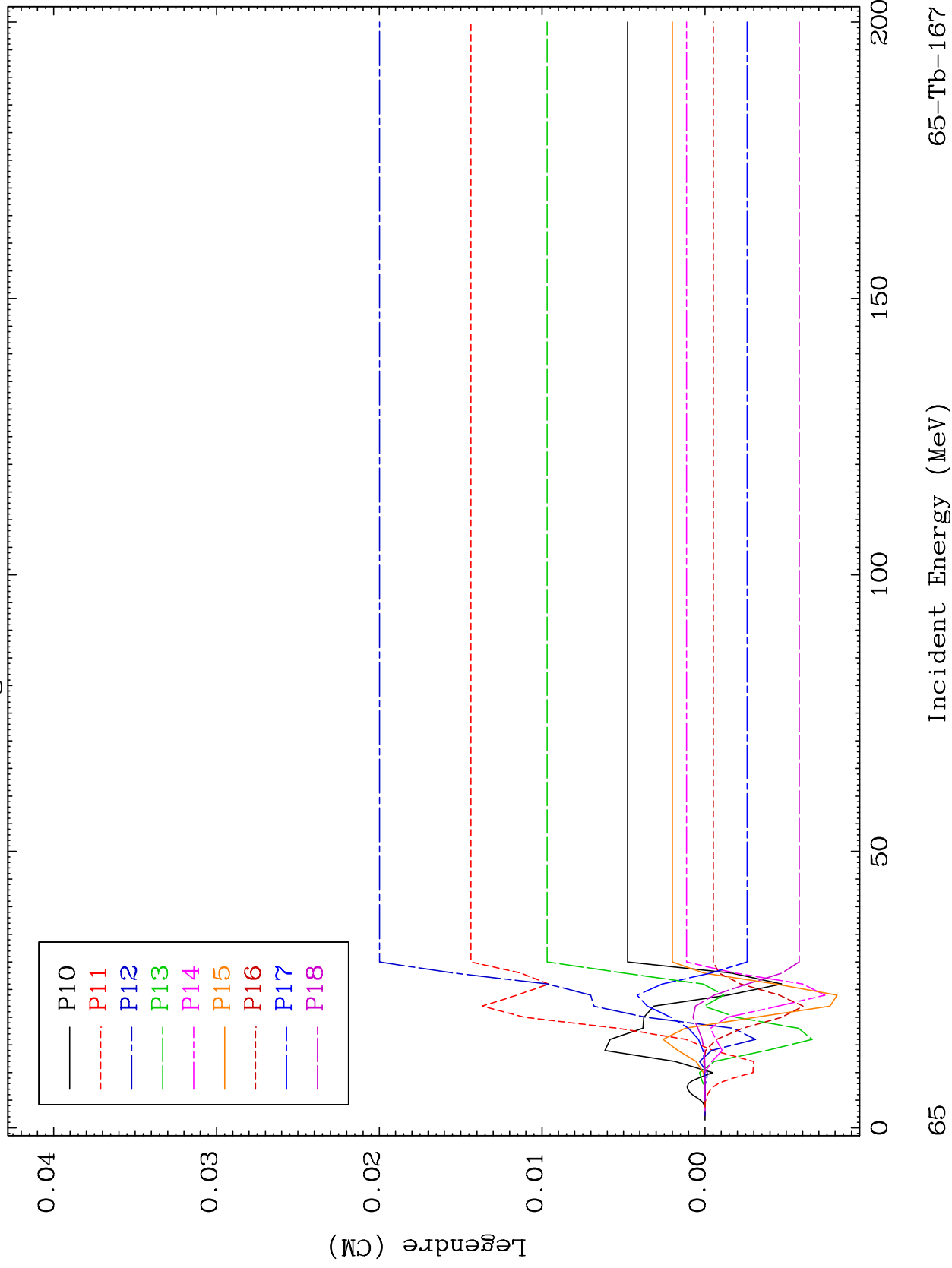
Incident Energy (MeV)

64

MAT 6549

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

65-Tb-167



65-Tb-167

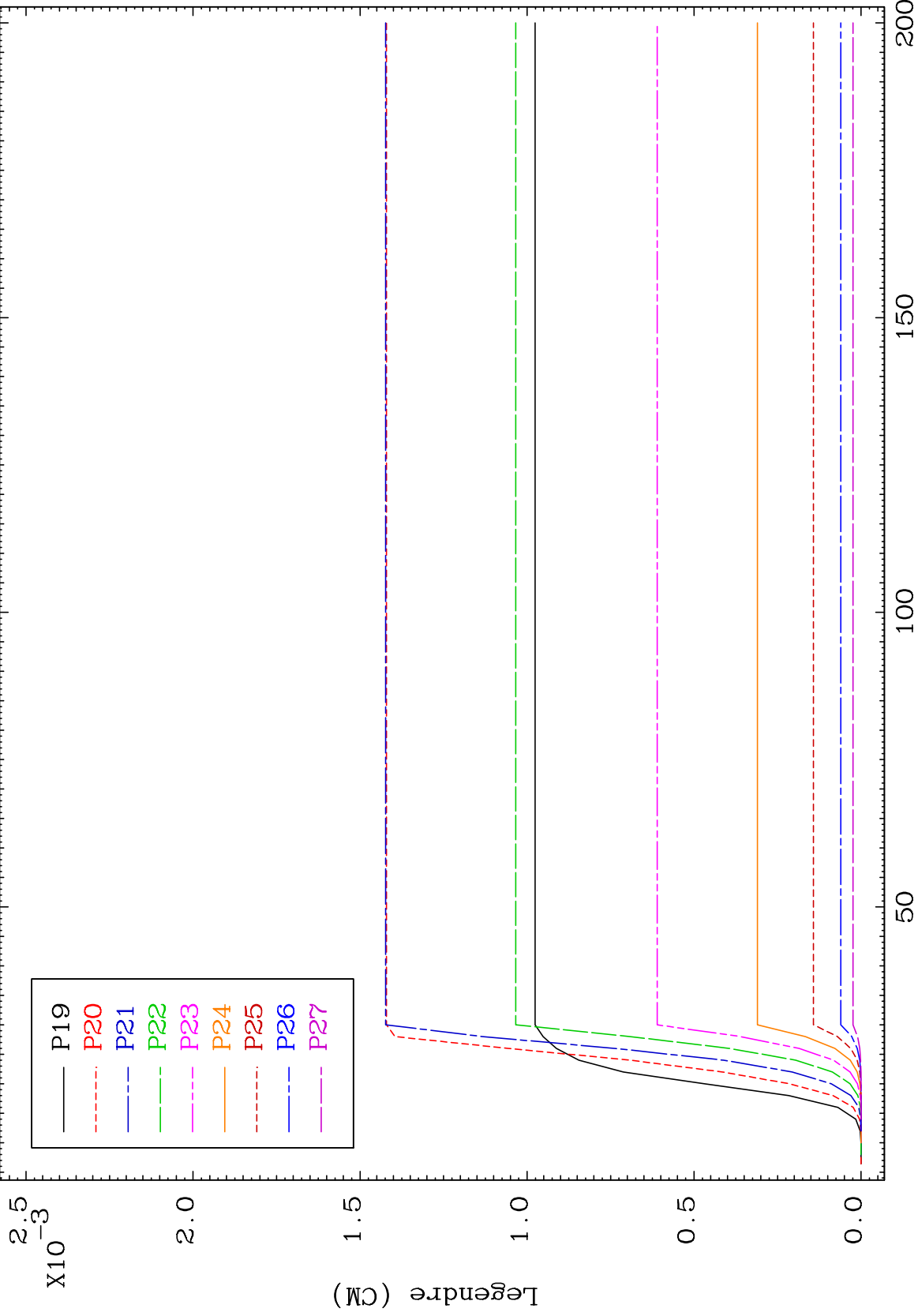
Incident Energy (MeV)

65

MAT 6549

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

65-Tb-167



66

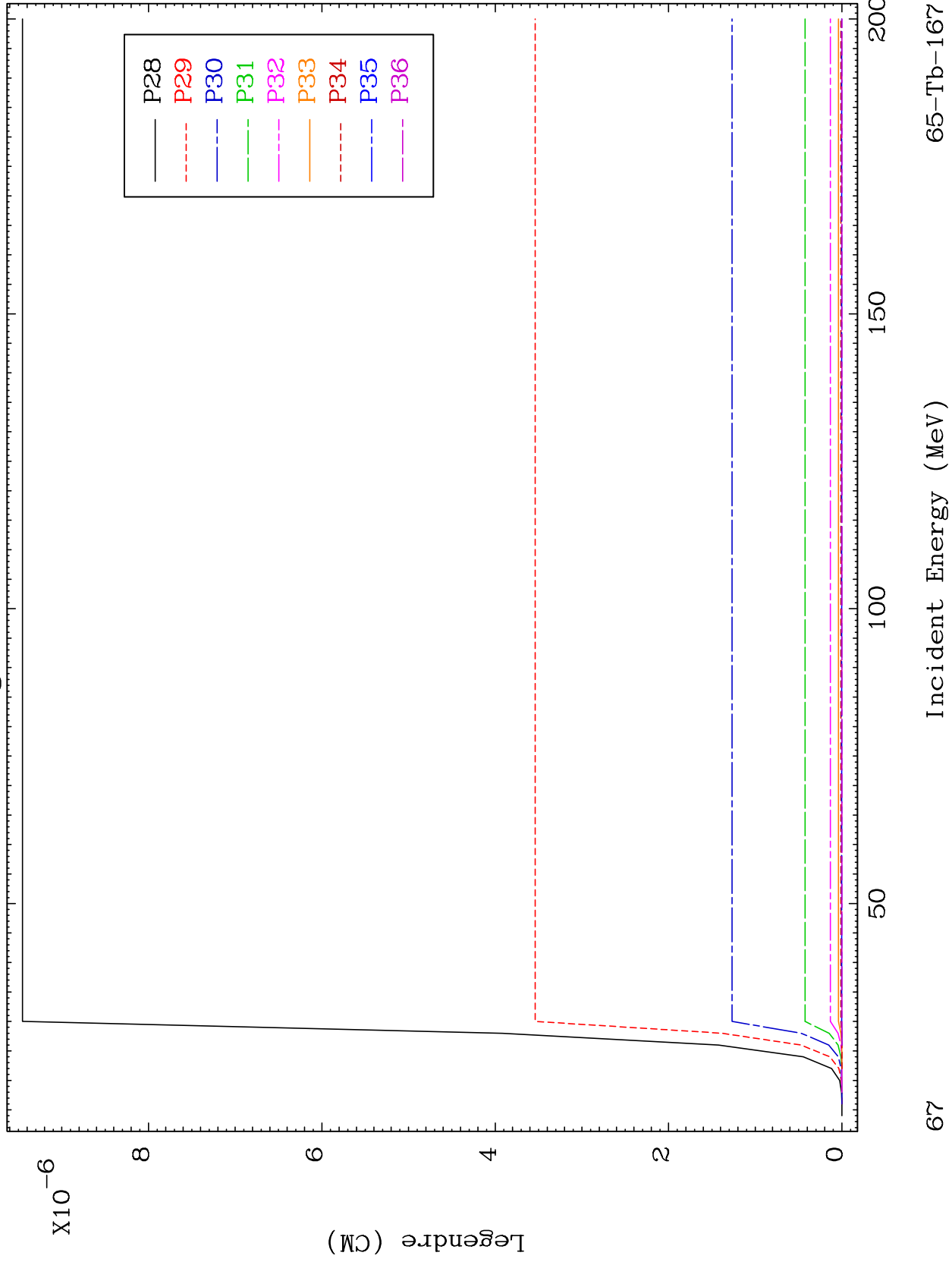
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

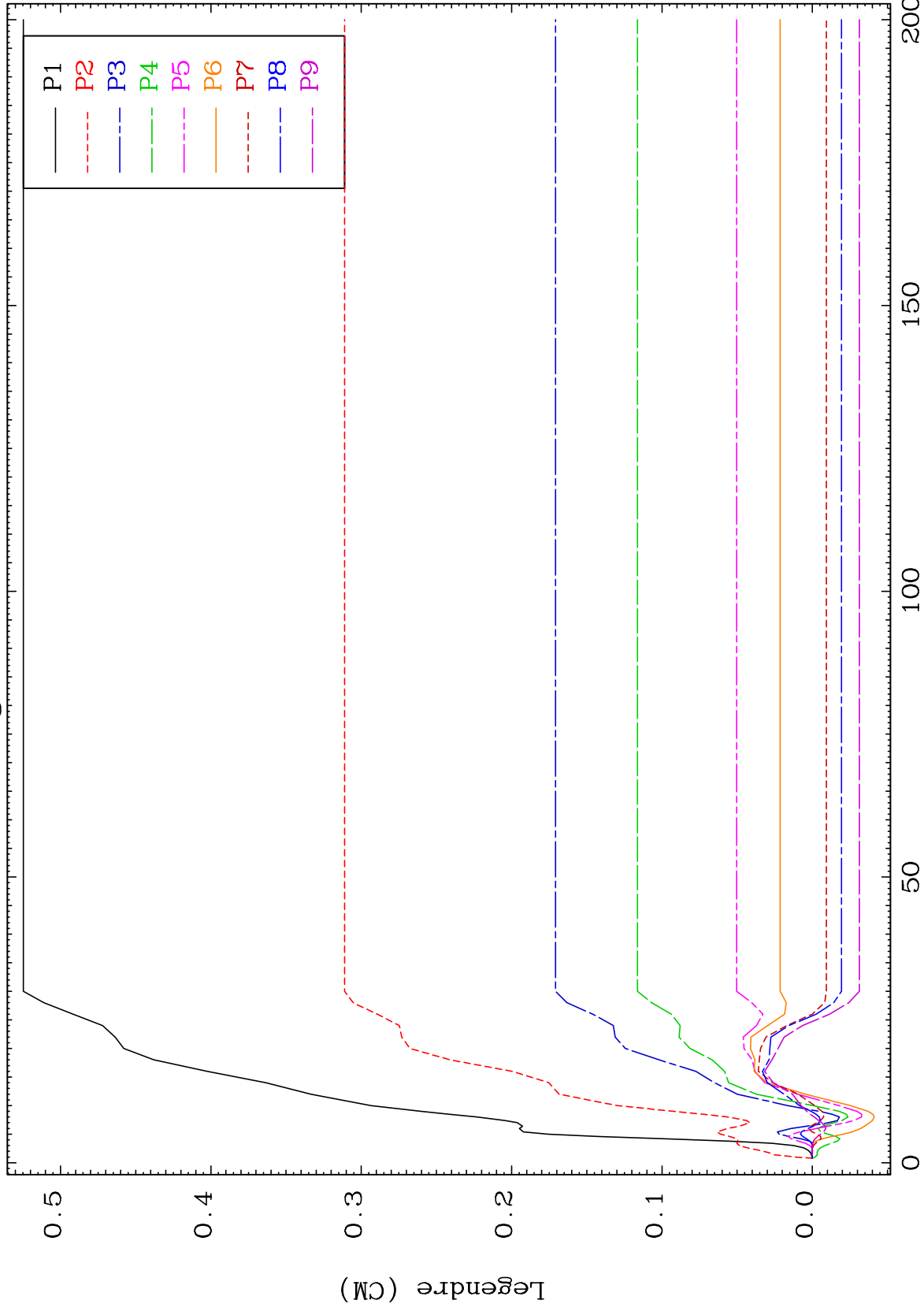
65-Tb-167



MAT 6549

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

65-Tb-167



65-Tb-167

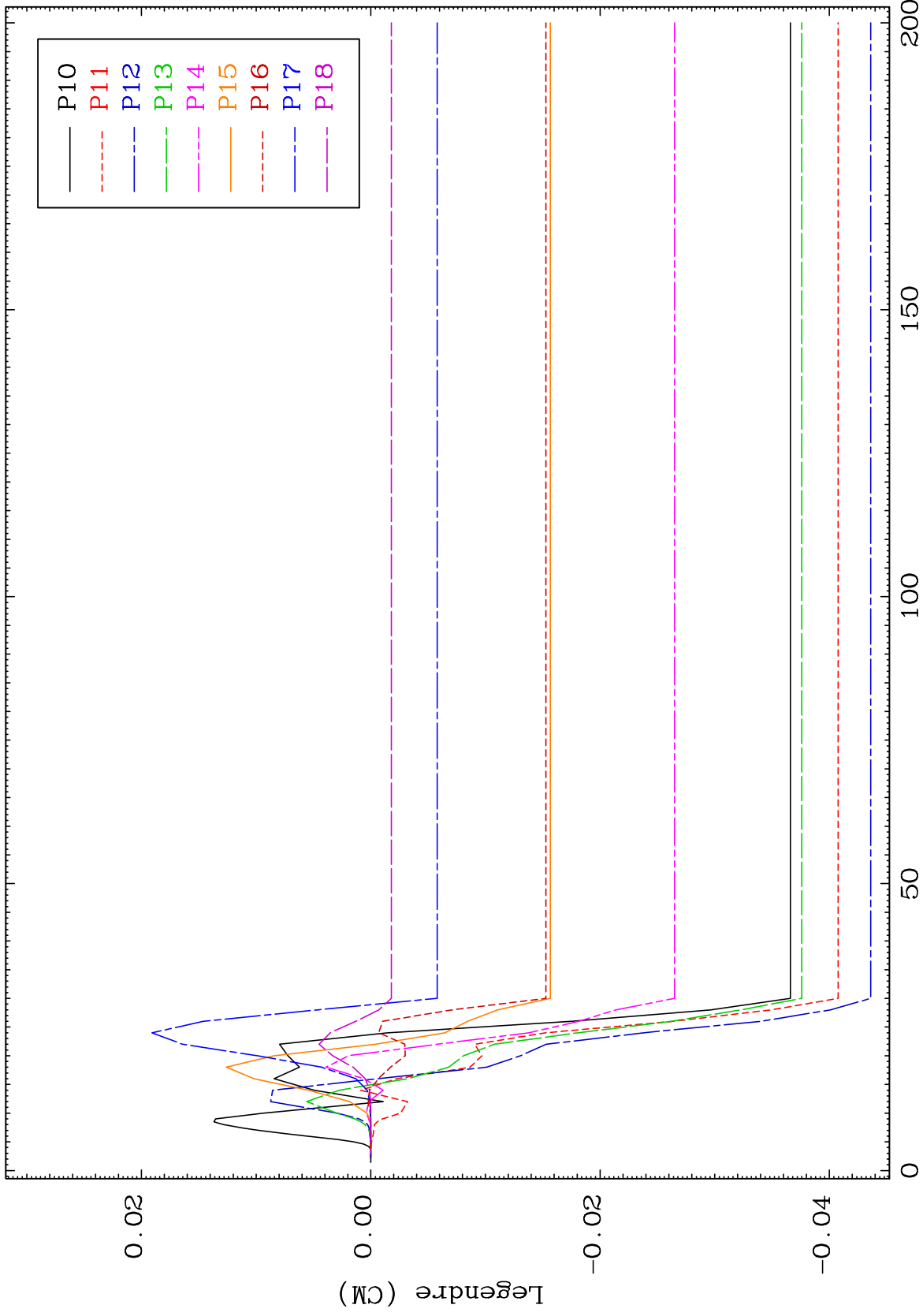
Incident Energy (MeV)

68

MAT 6549

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

65-Tb-167



69

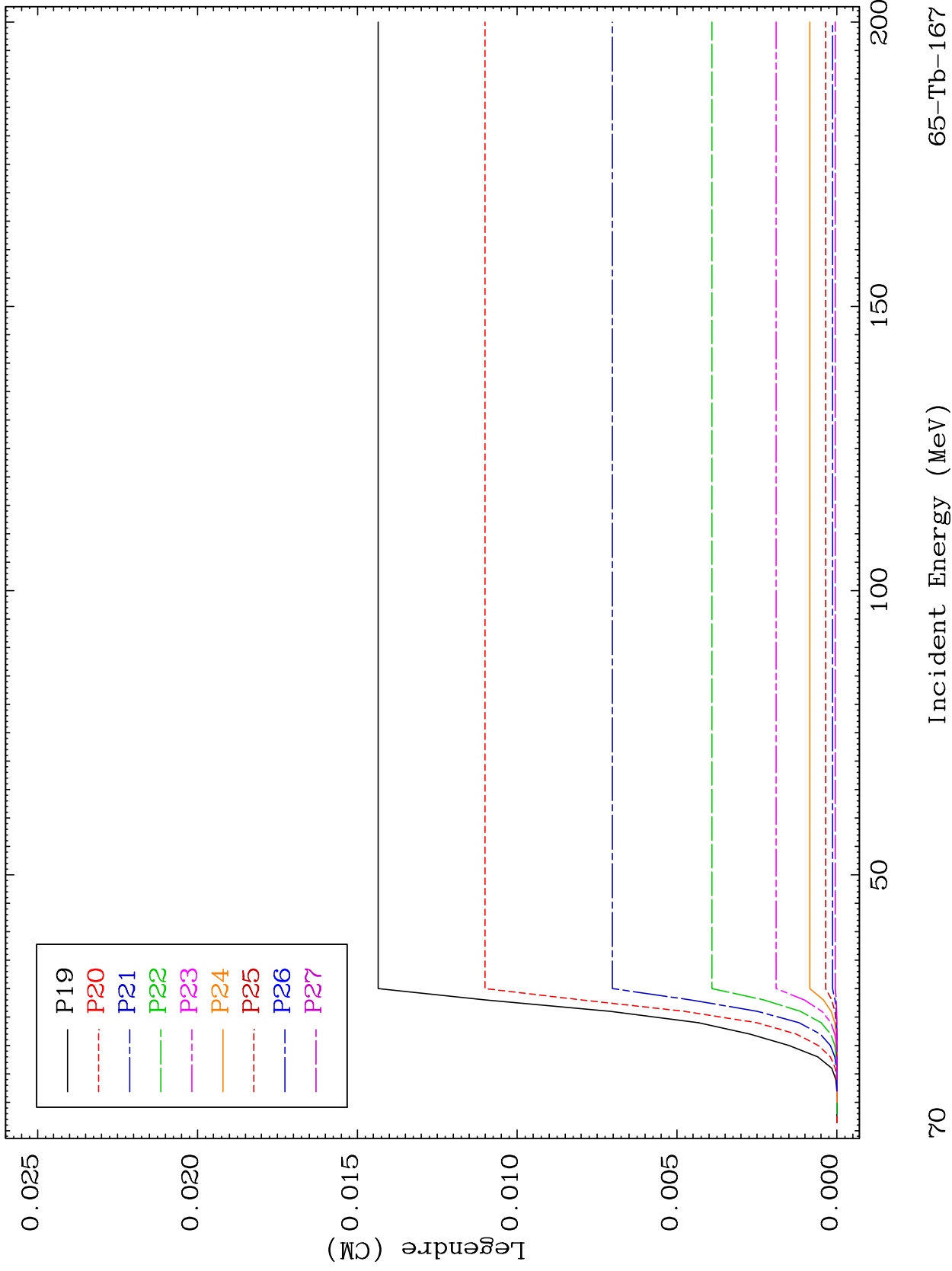
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



70

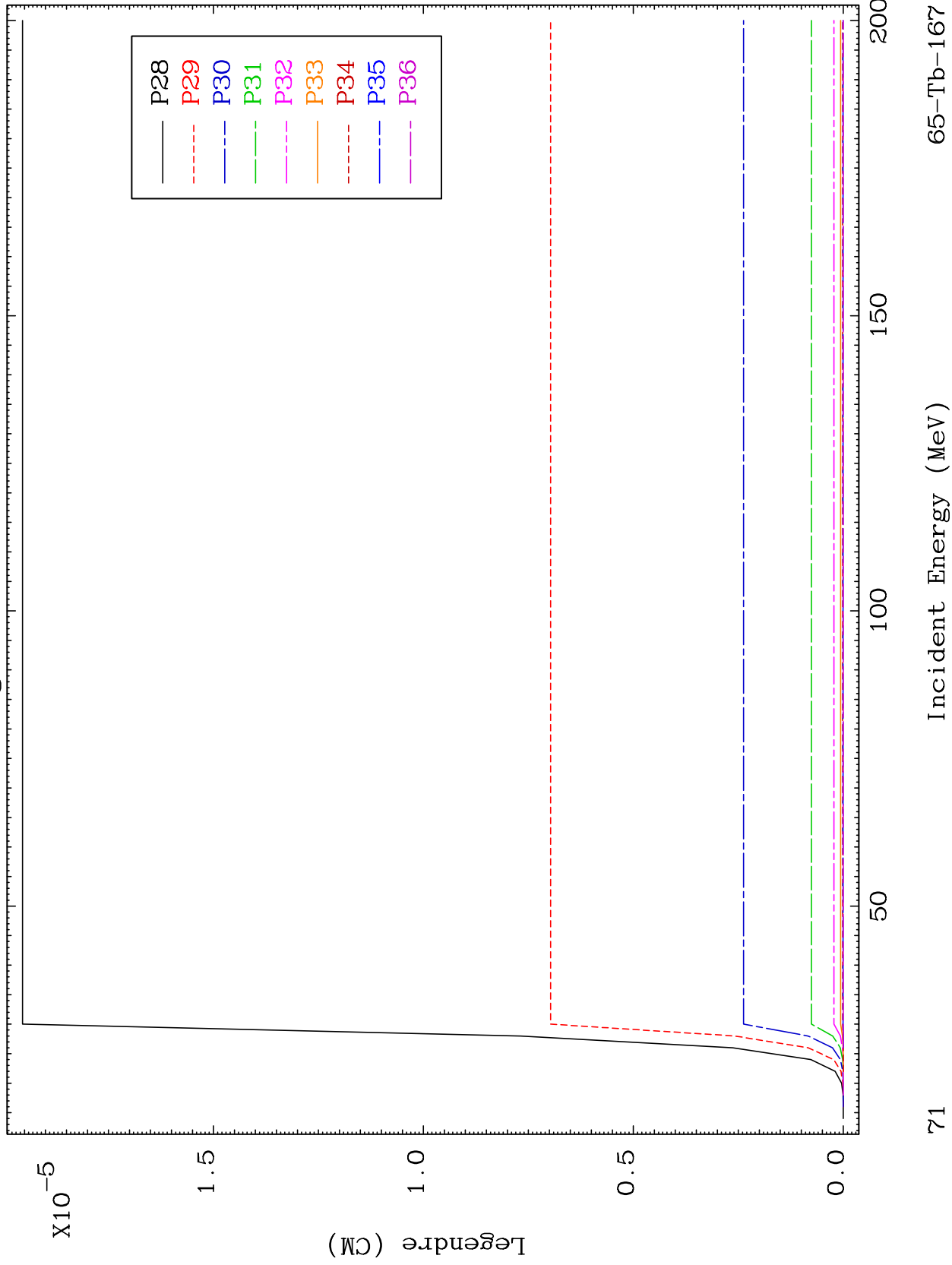
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

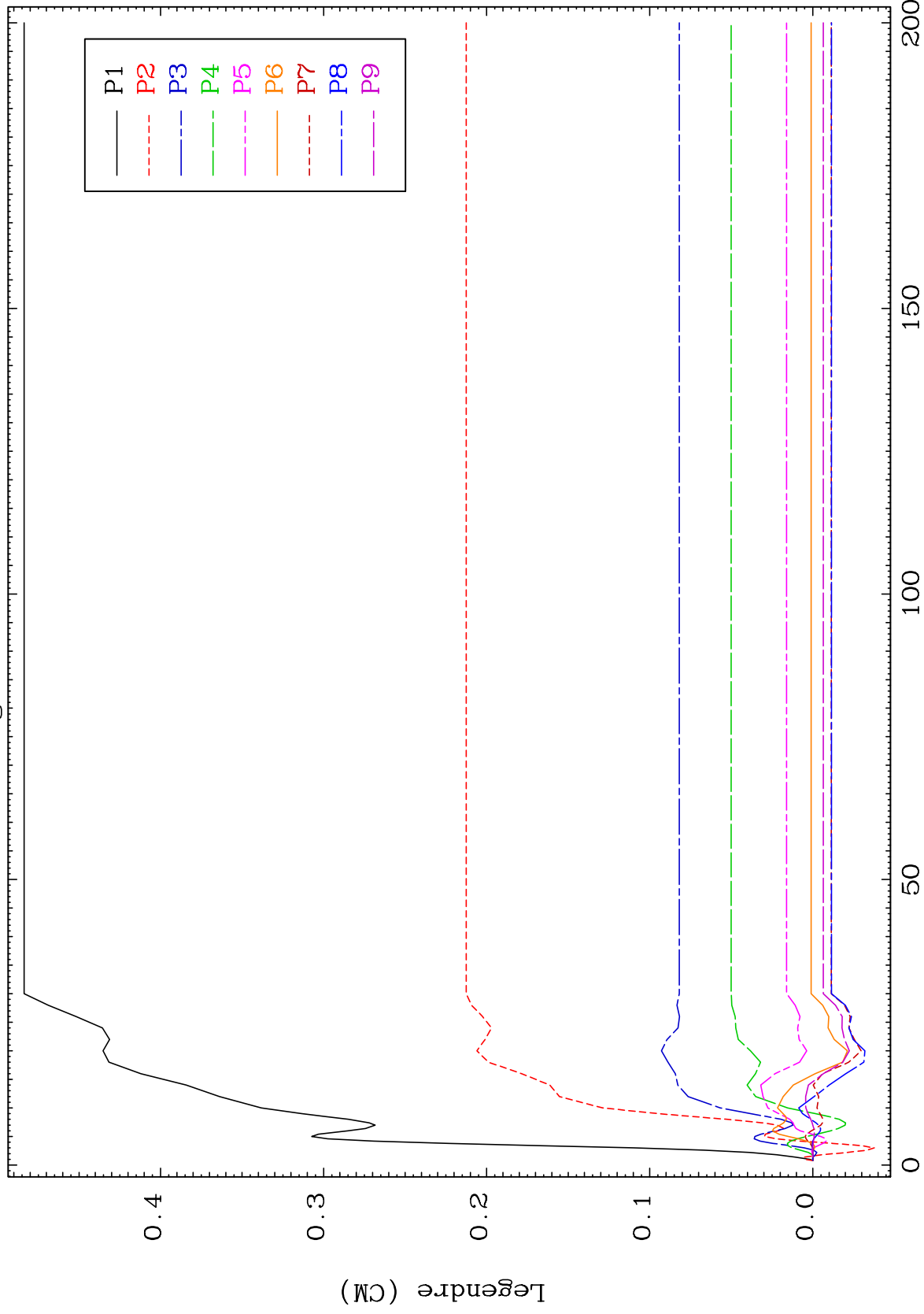
65-Tb-167



MAT 6549

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

65-Tb-167



65-Tb-167

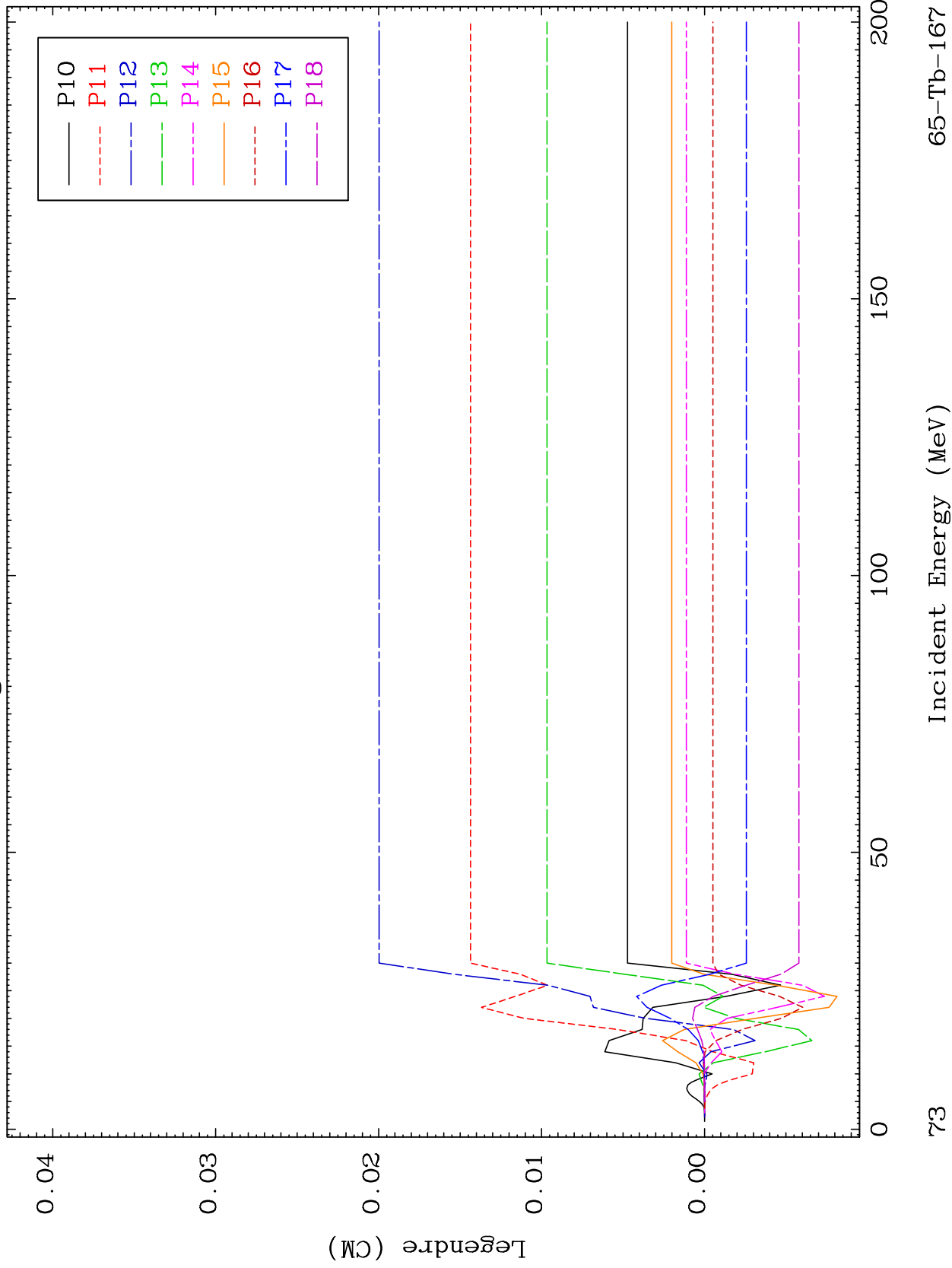
Incident Energy (MeV)

72

MAT 6549

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

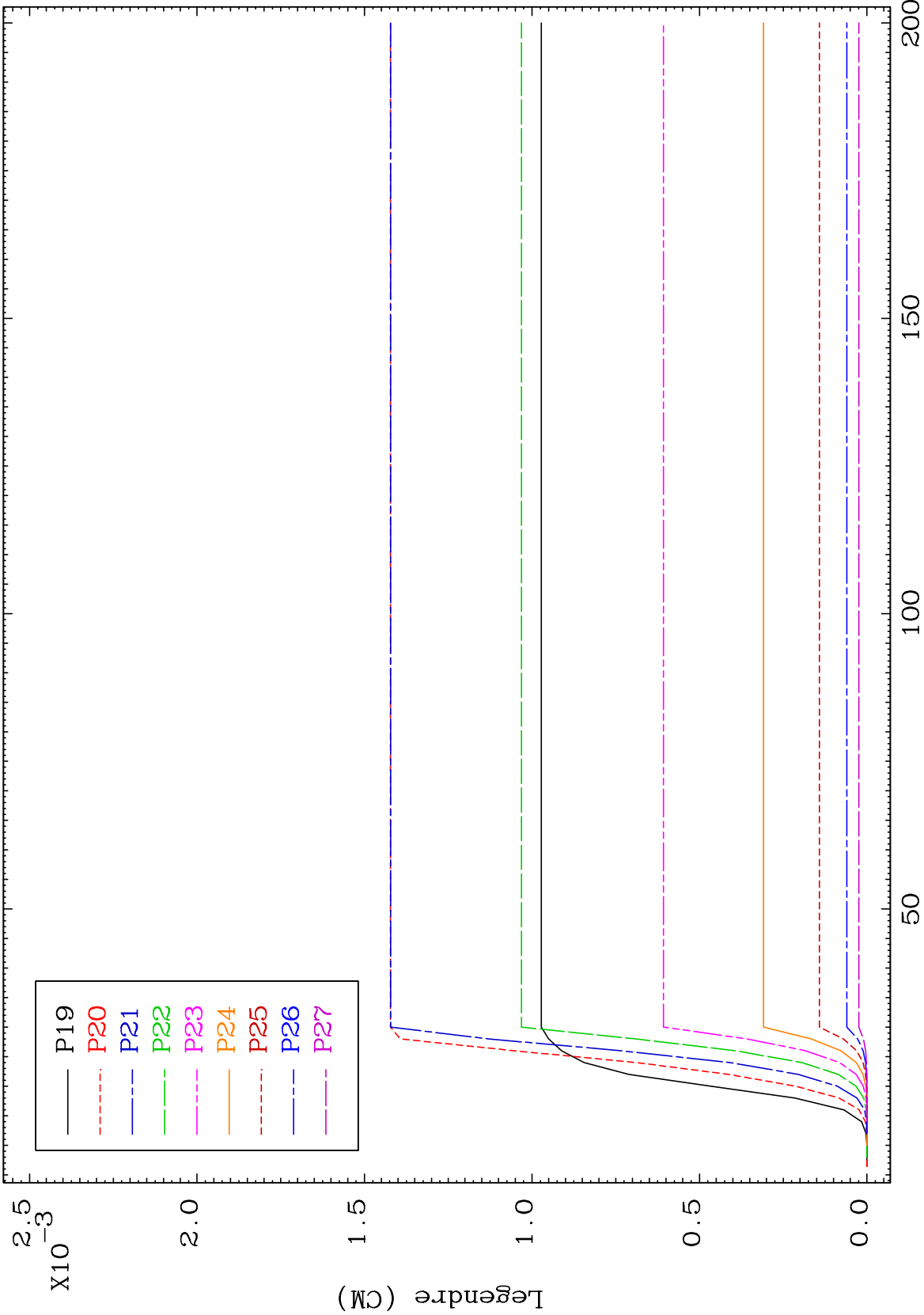
65-Tb-167



MAT 6549

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

65-Tb-167



74

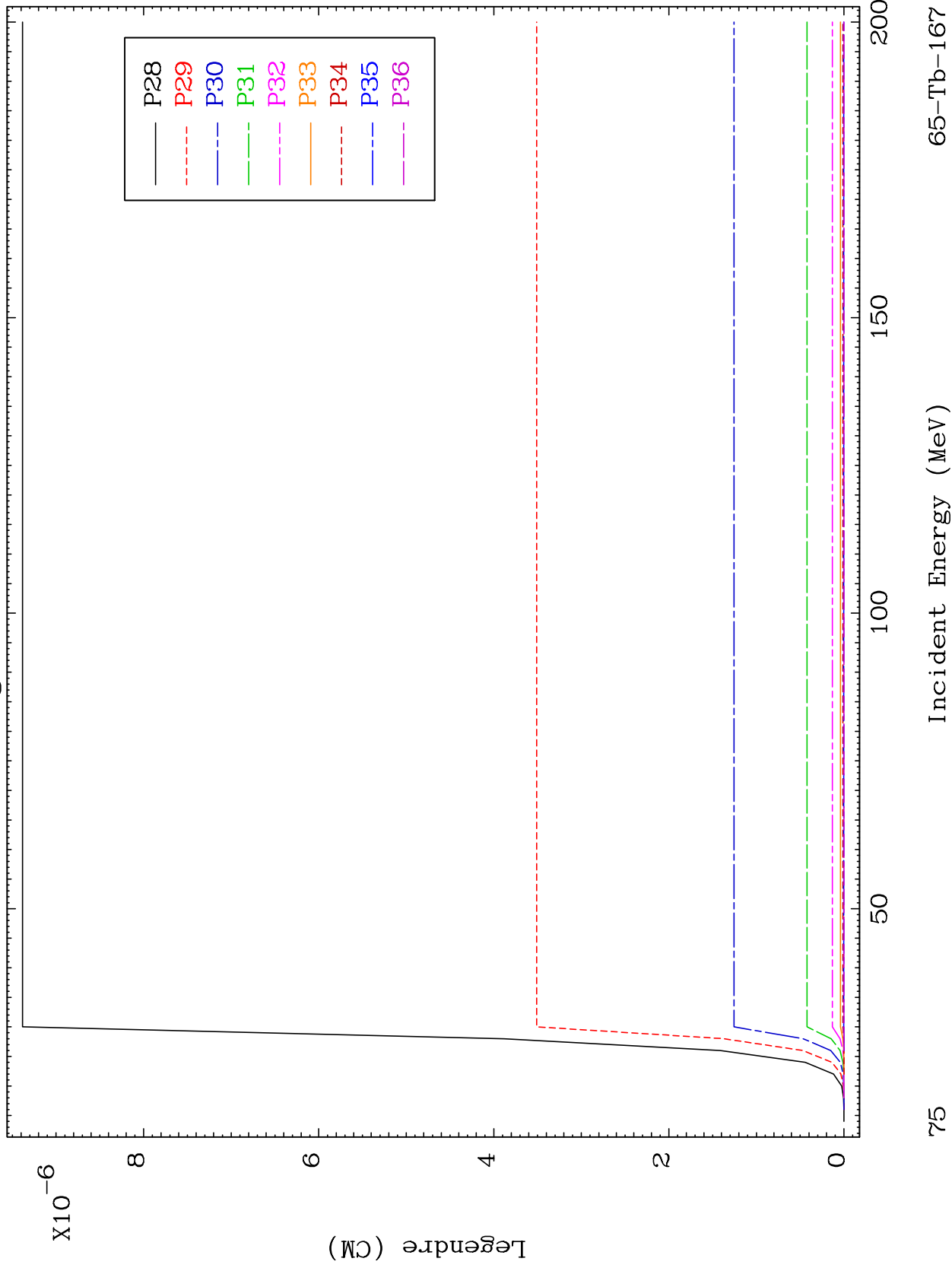
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



75

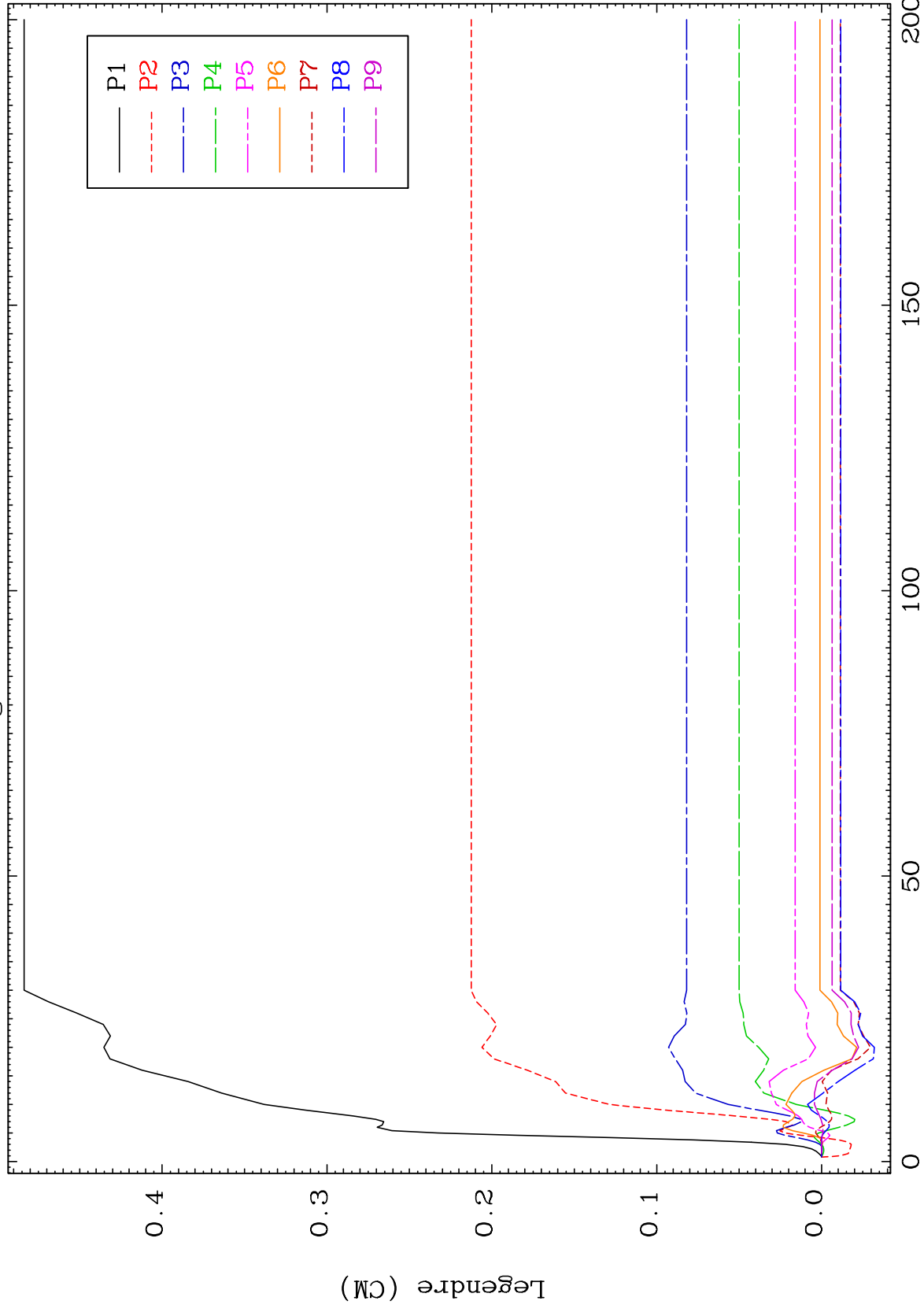
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



76

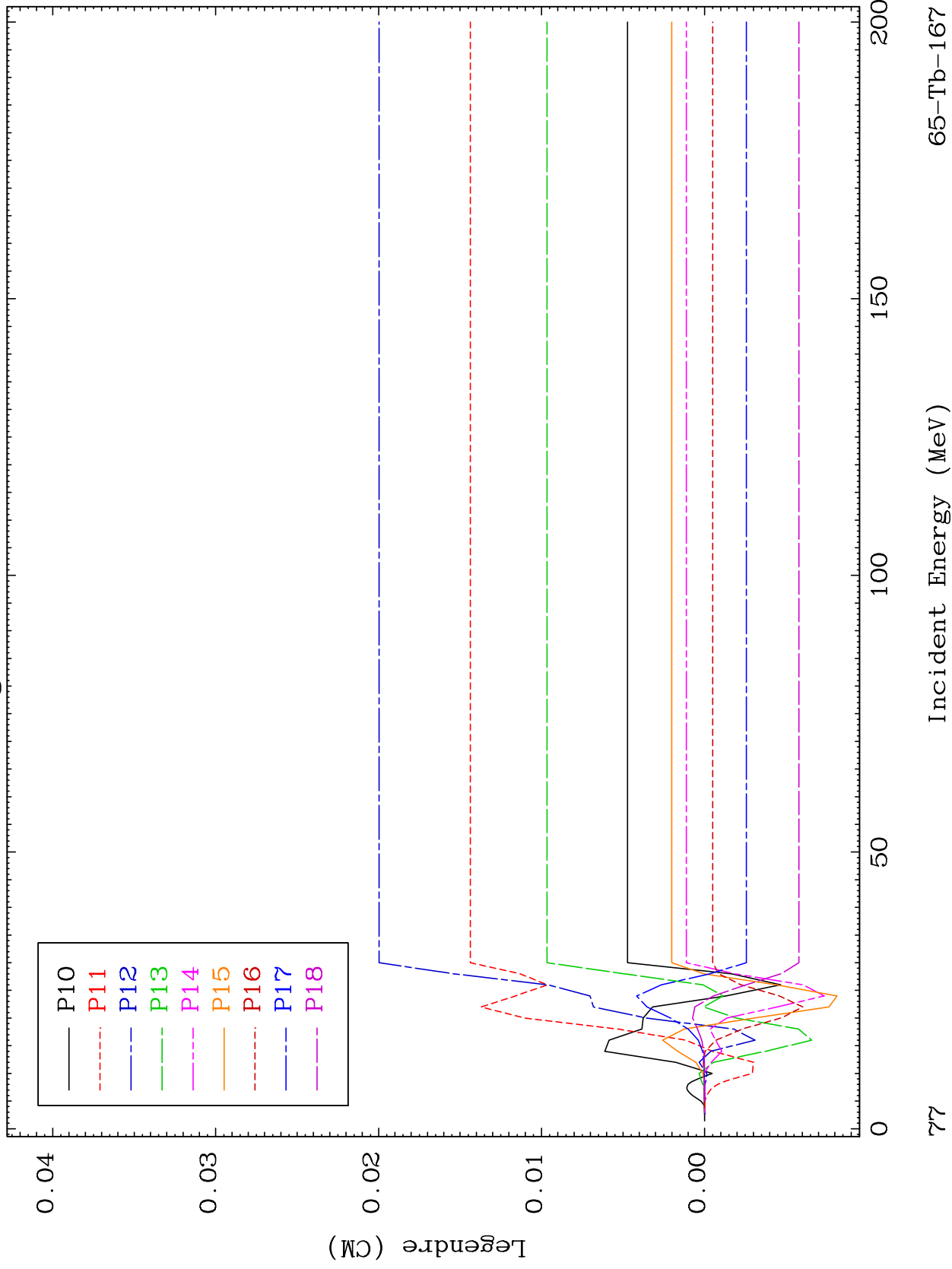
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



77

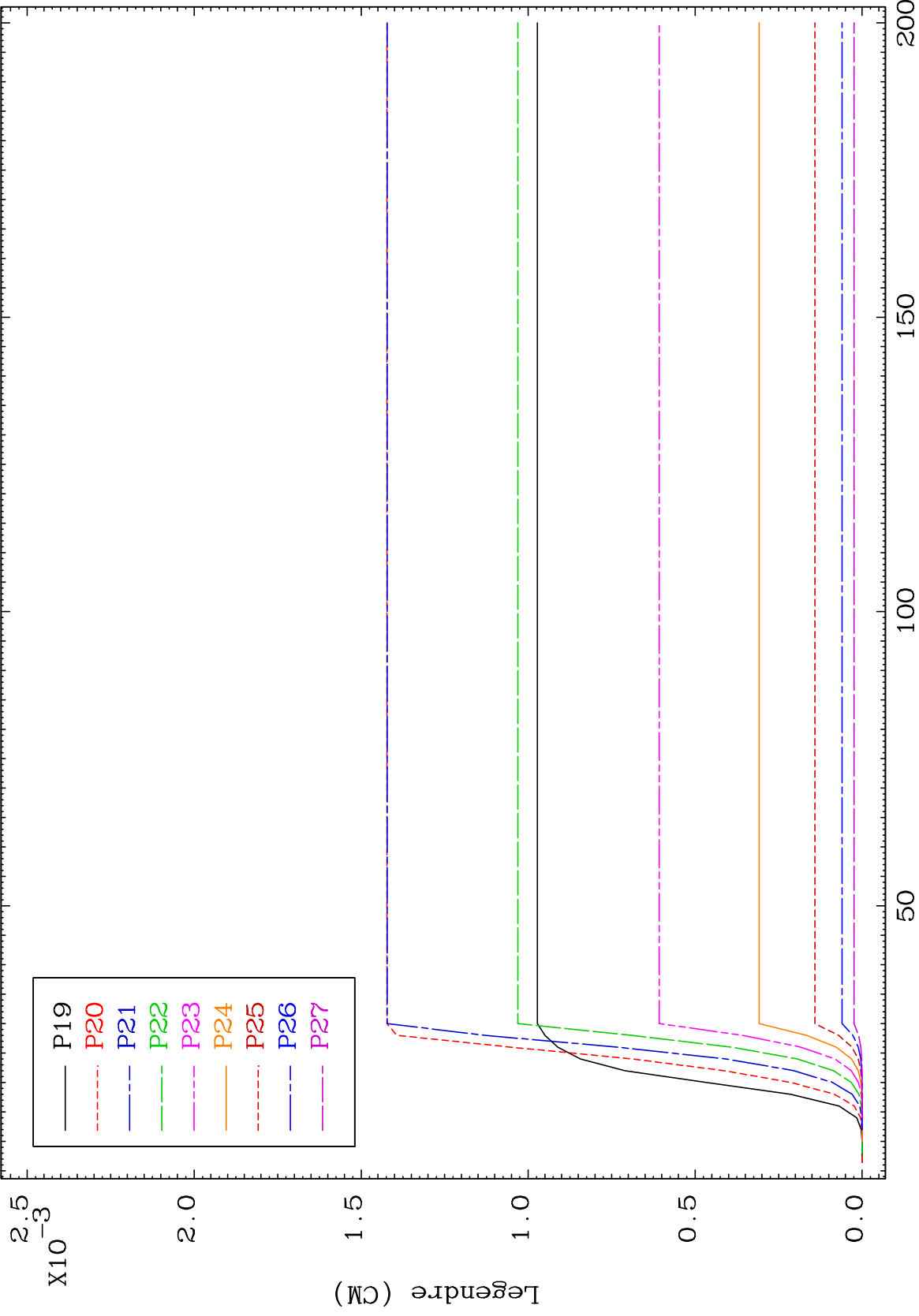
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



78

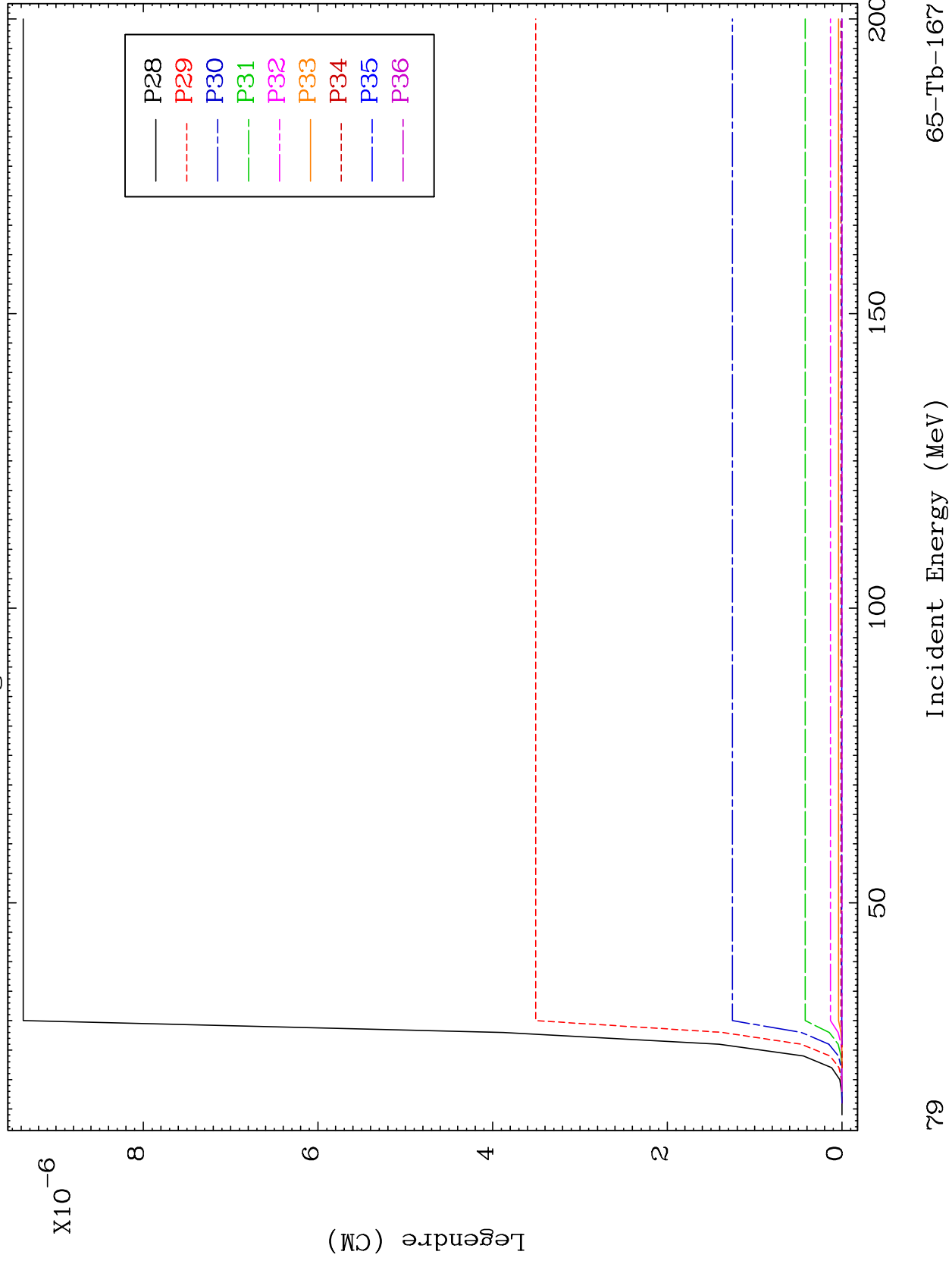
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

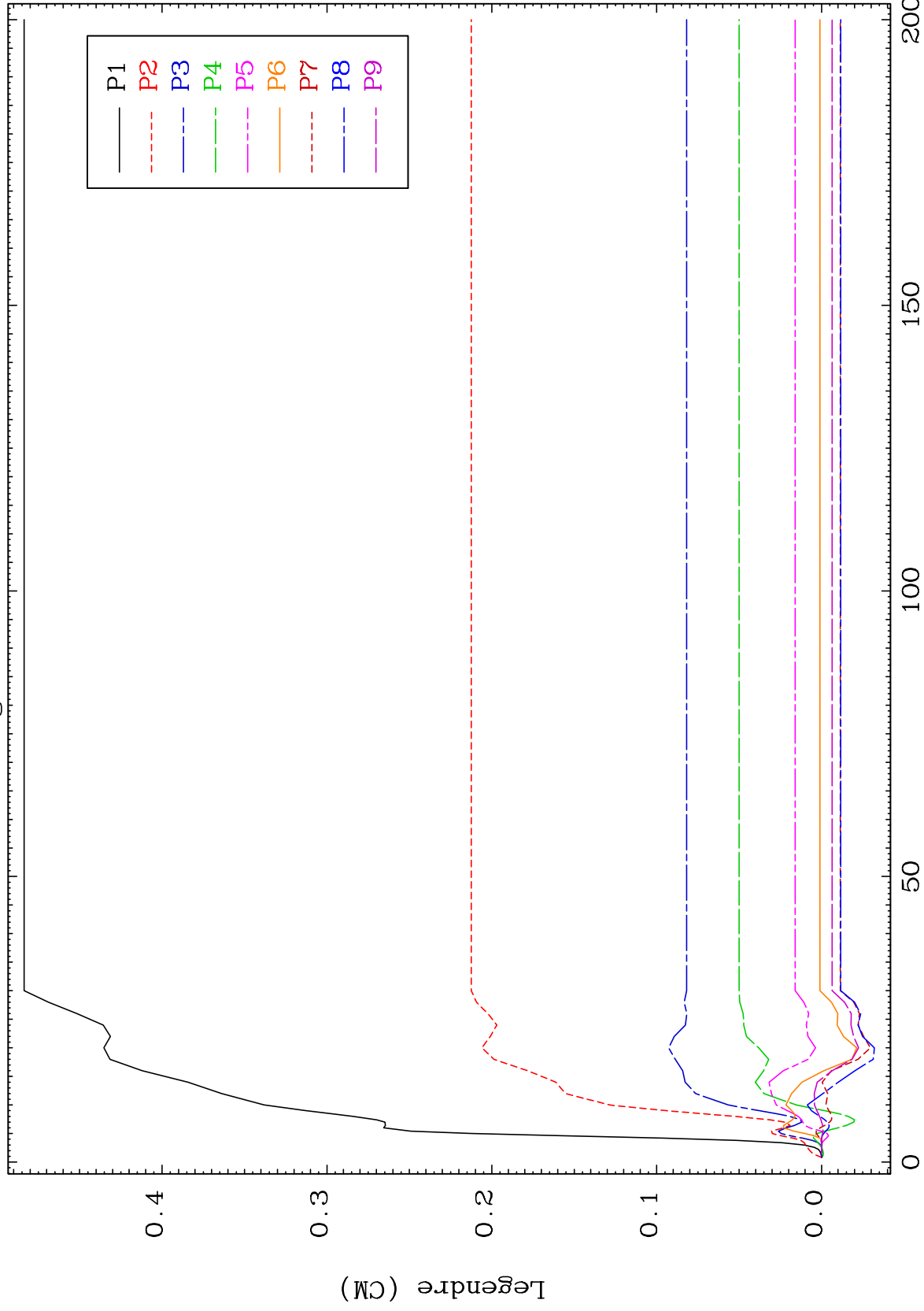
65-Tb-167



MAT 6549

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

65-Tb-167



65-Tb-167

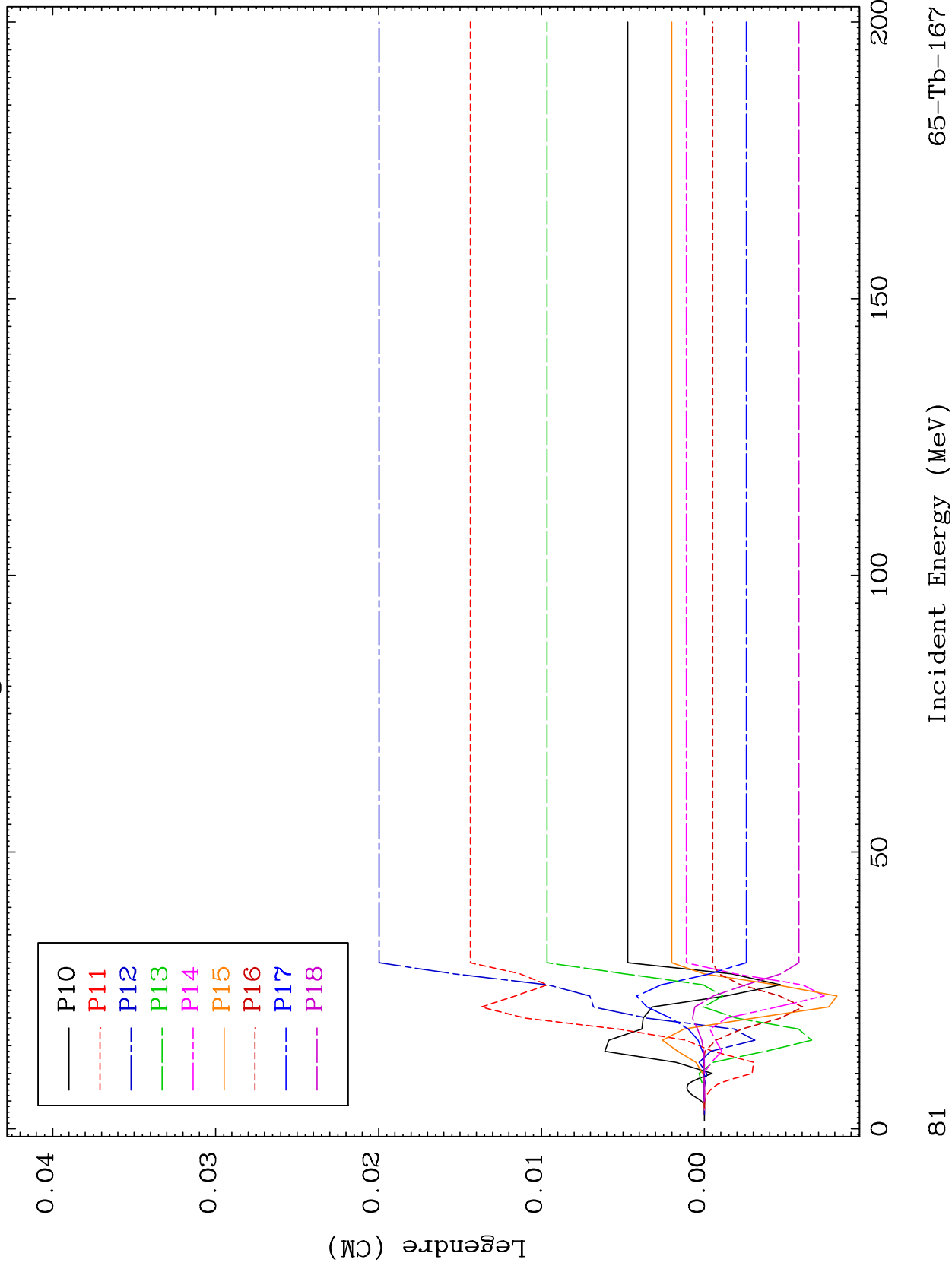
Incident Energy (MeV)

80

MAT 6549

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

65-Tb-167



81

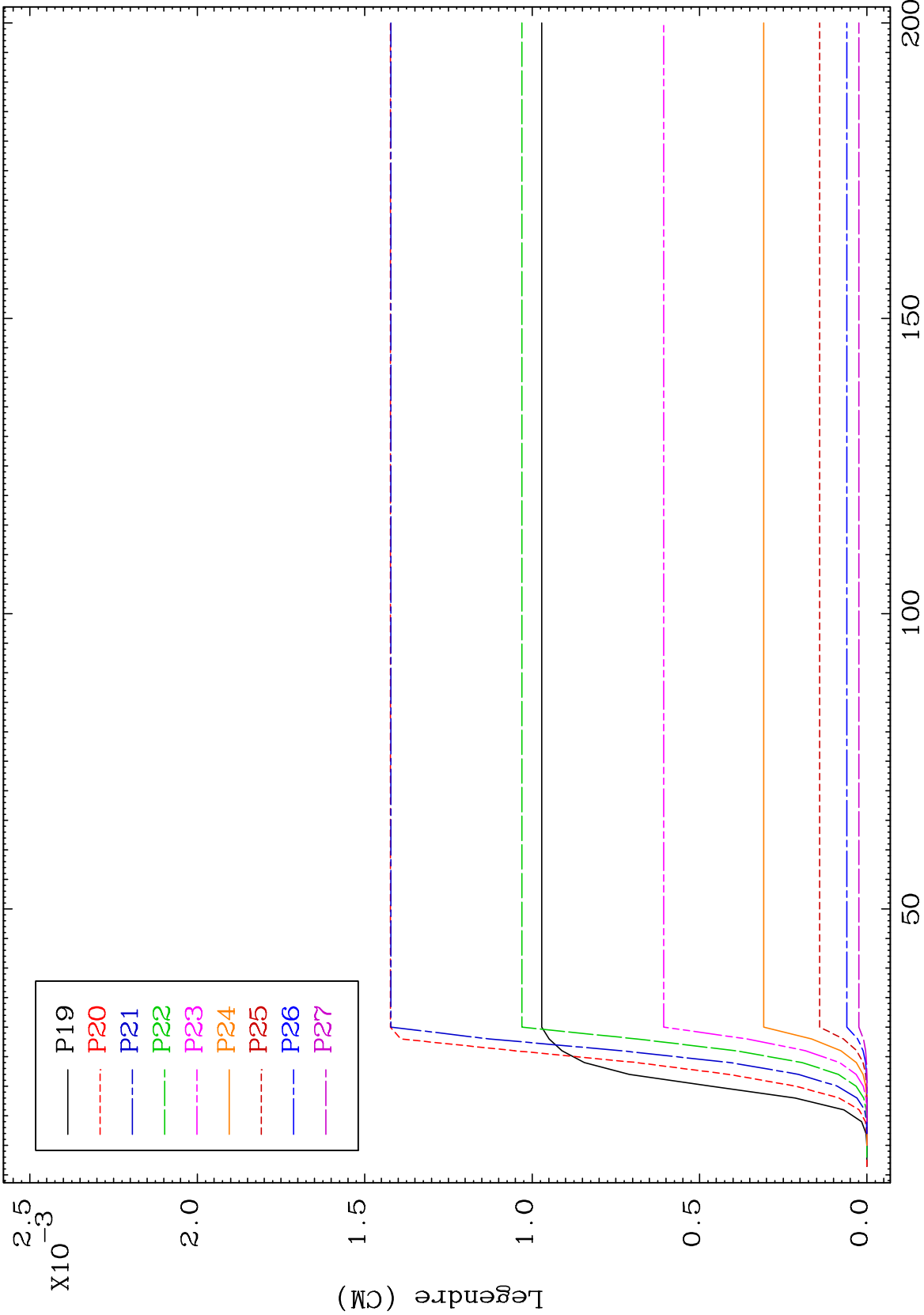
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



82

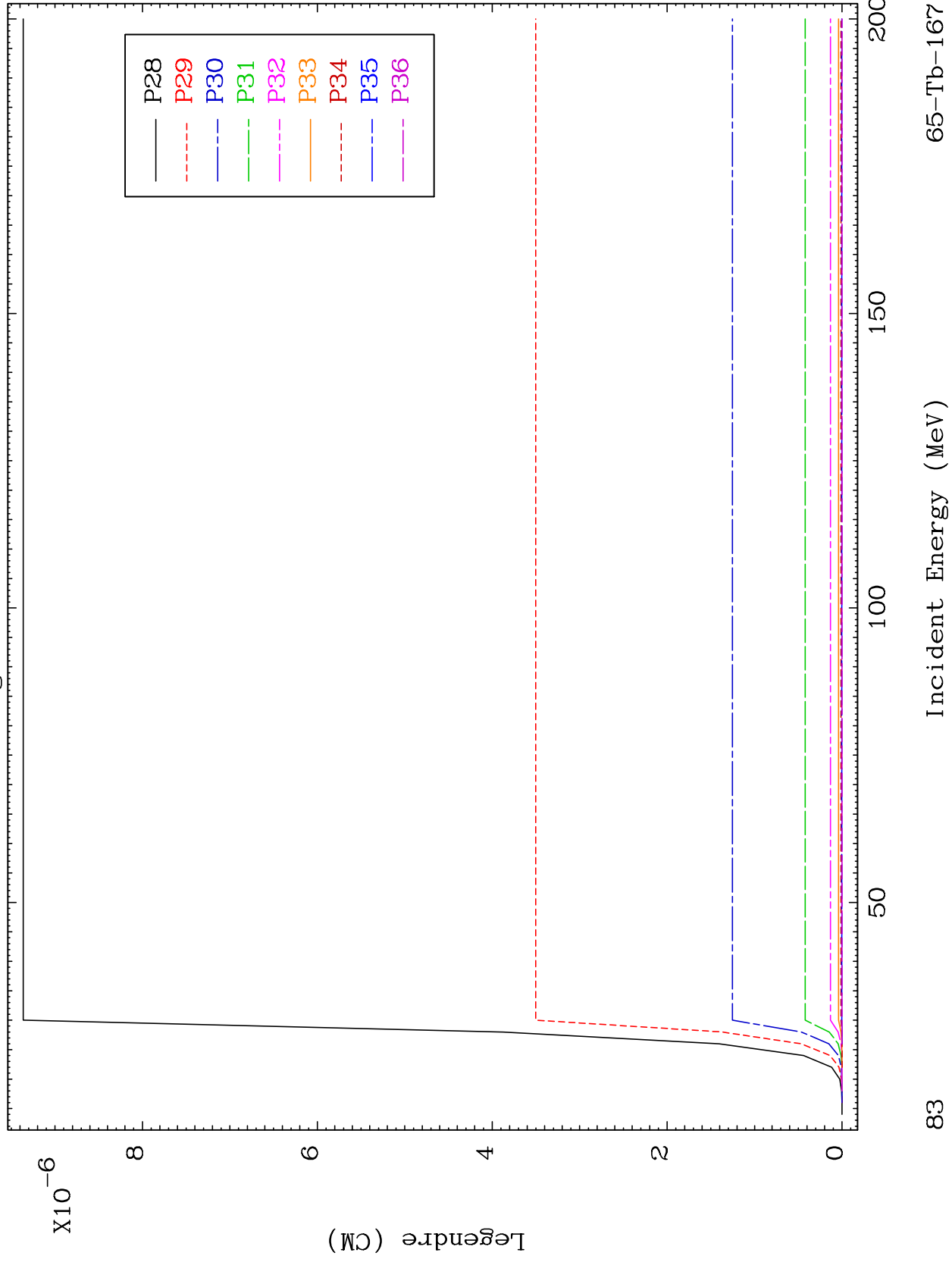
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167

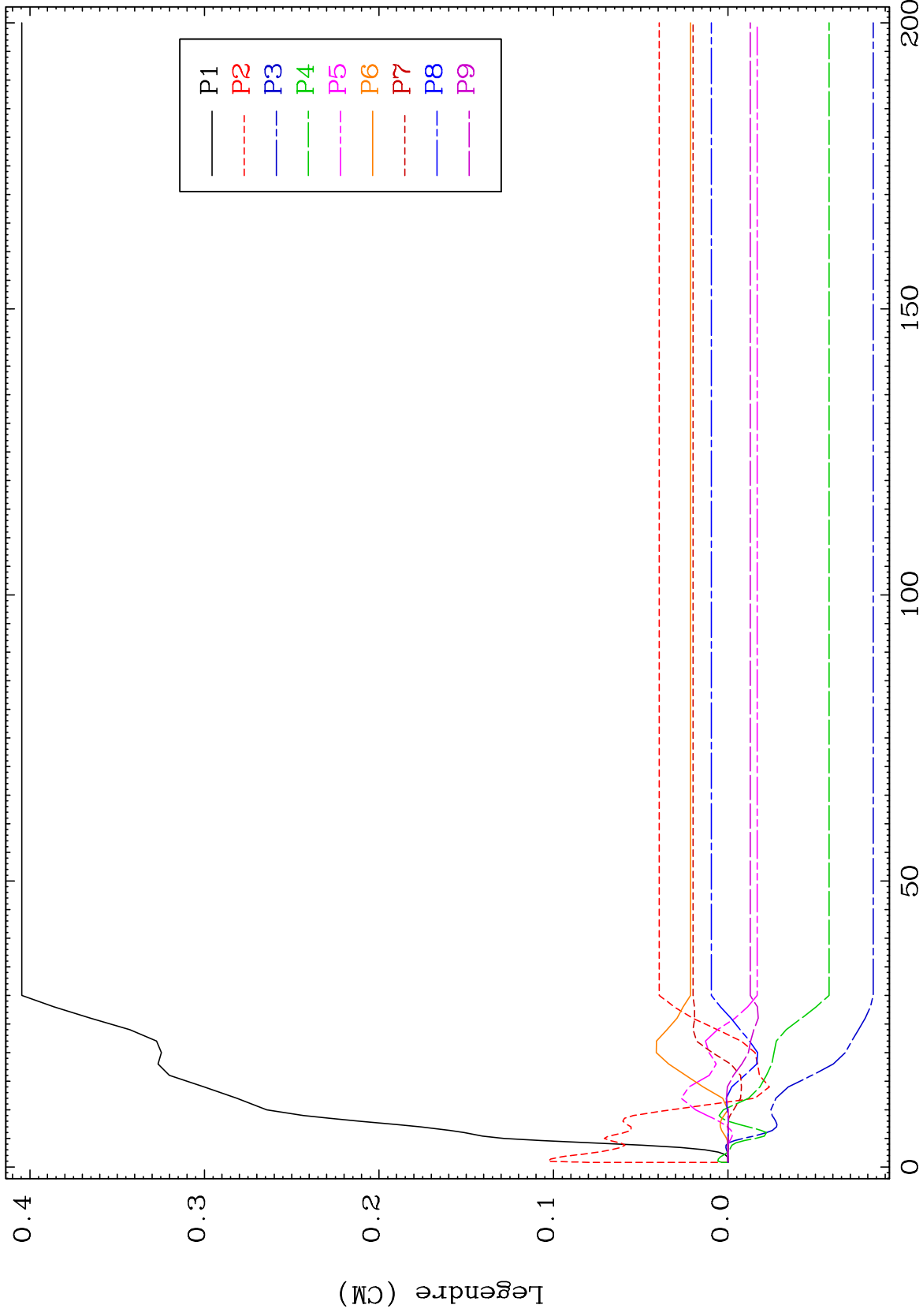


83

MAT 6549

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

65-Tb-167



84

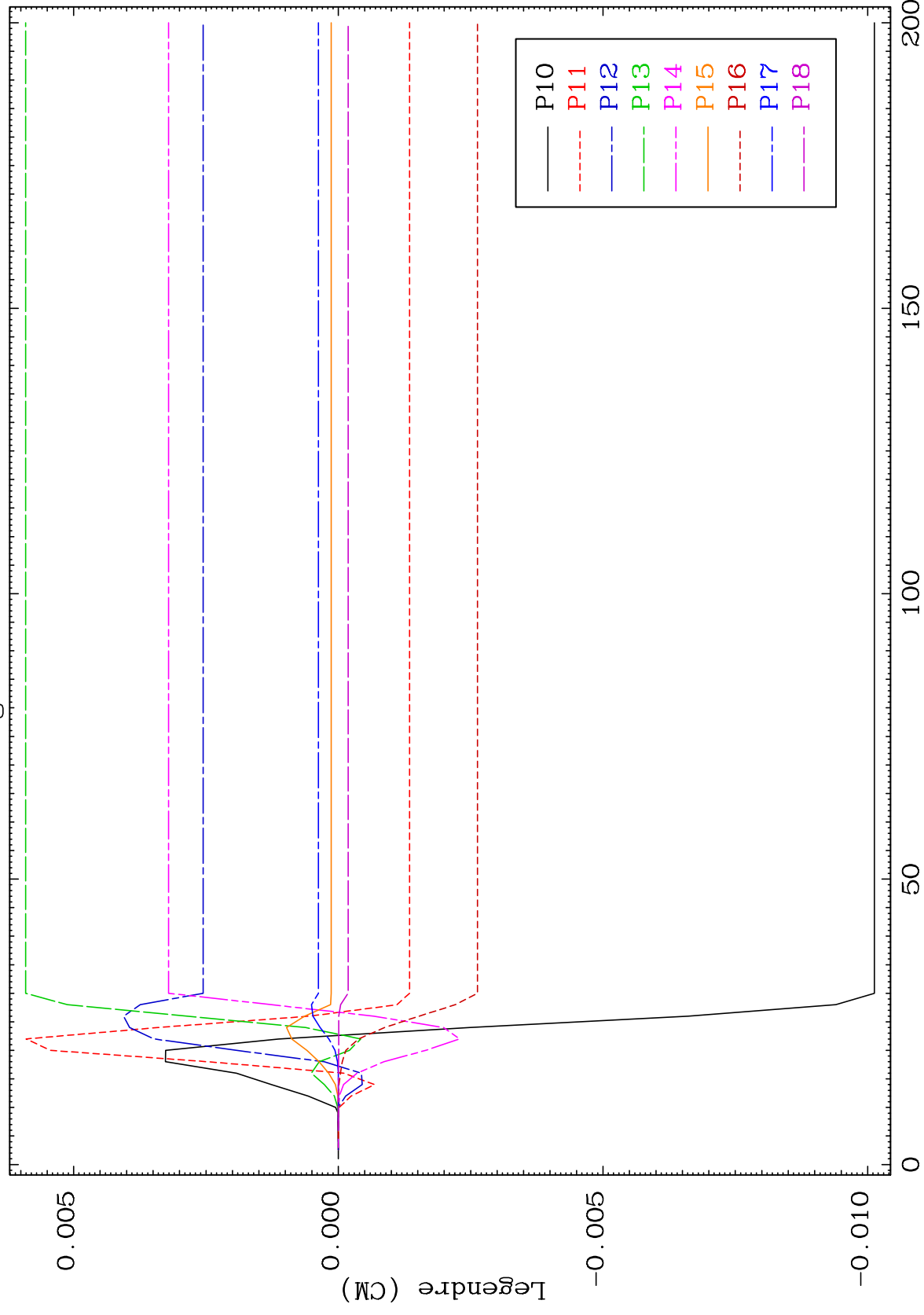
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



85

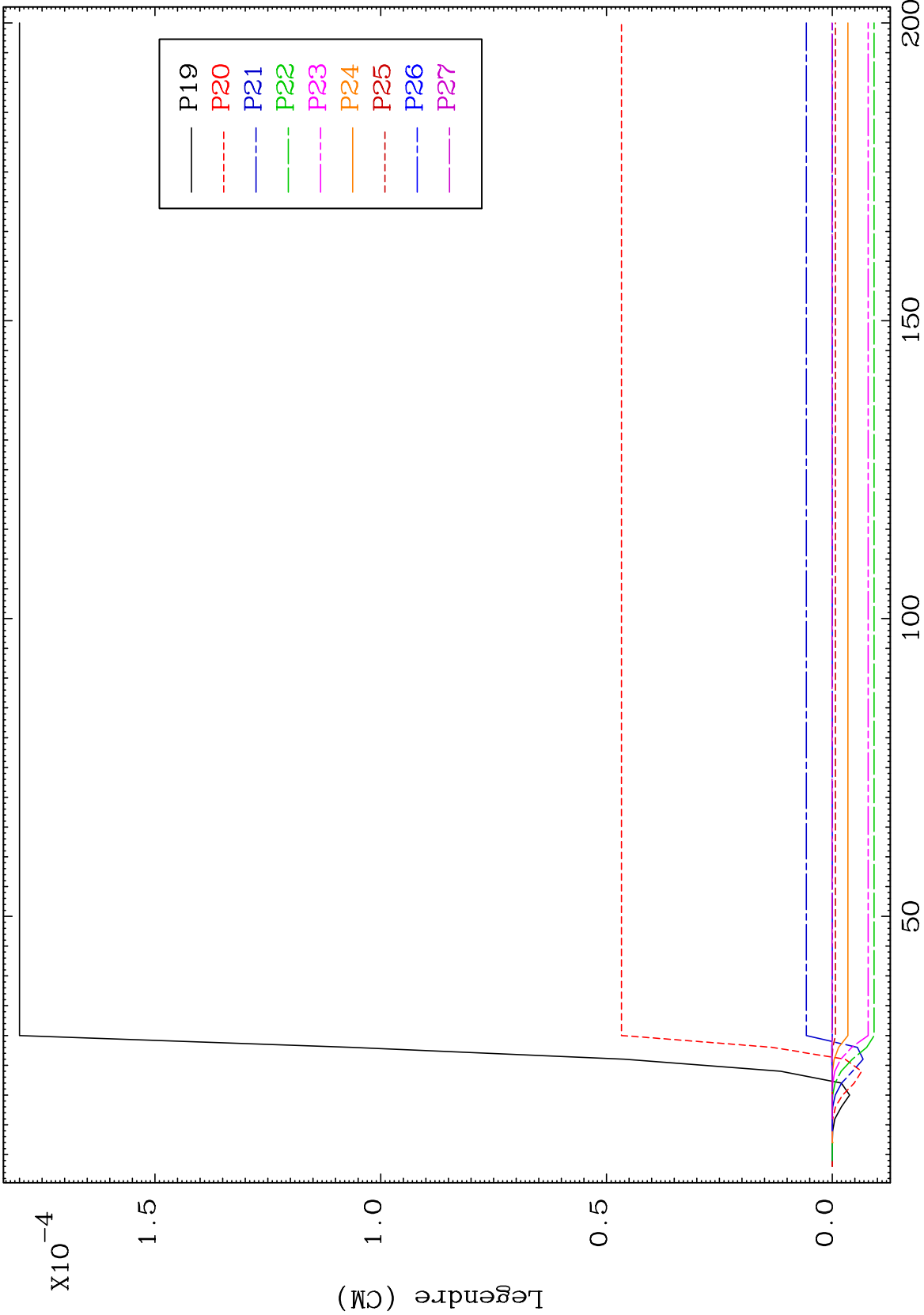
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



86

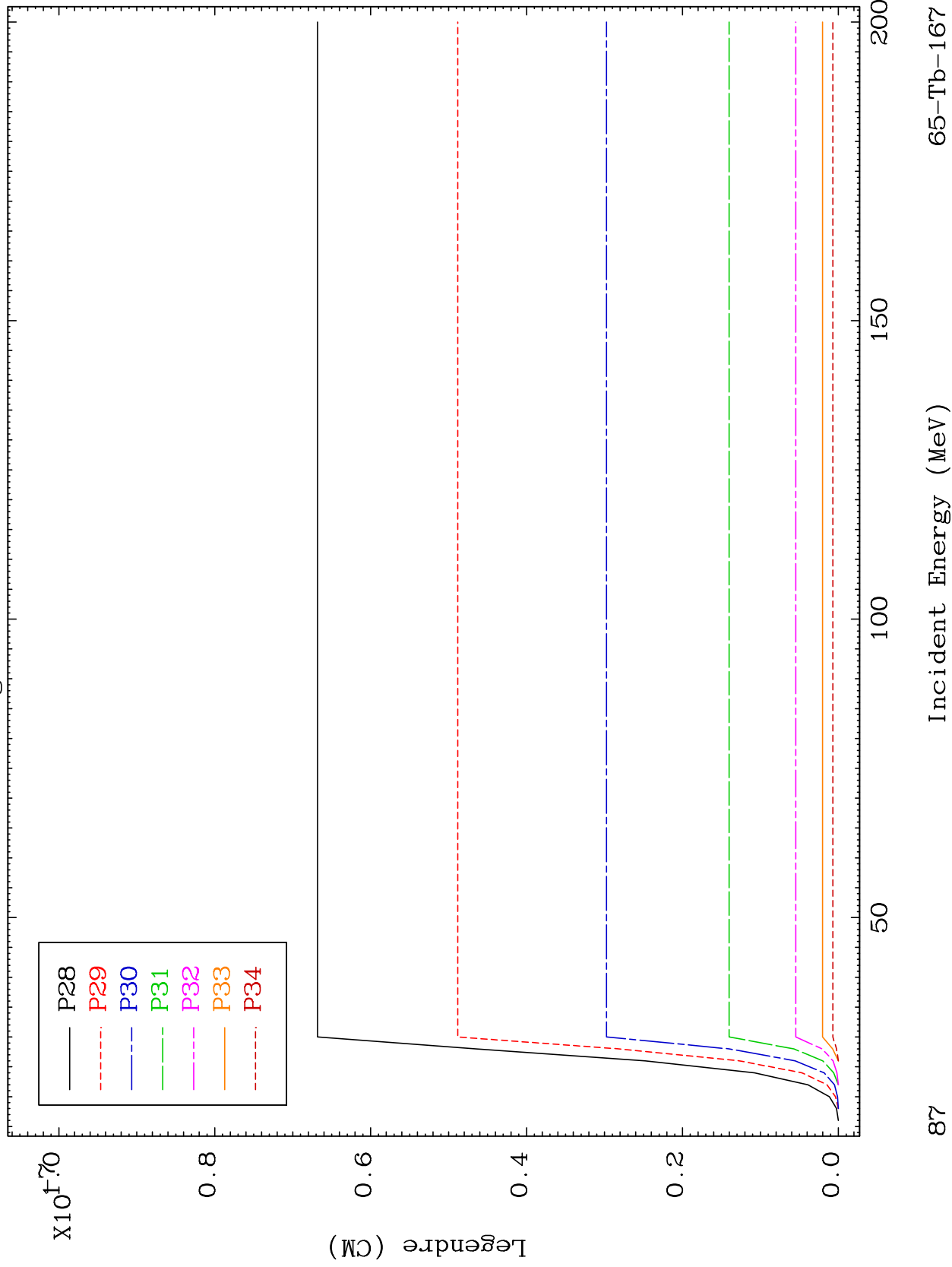
Incident Energy (MeV)

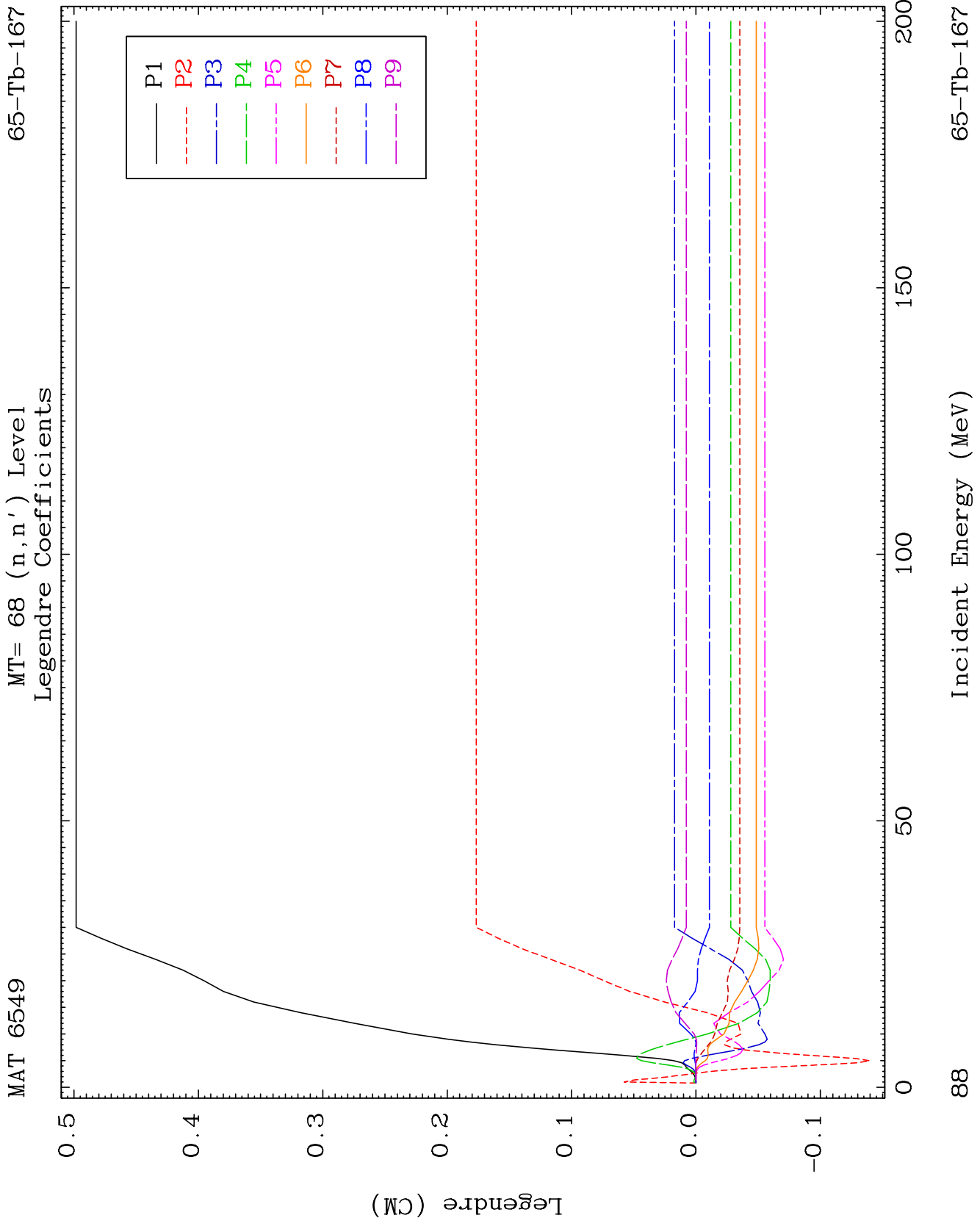
65-Tb-167

MAT 6549

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

65-Tb-167

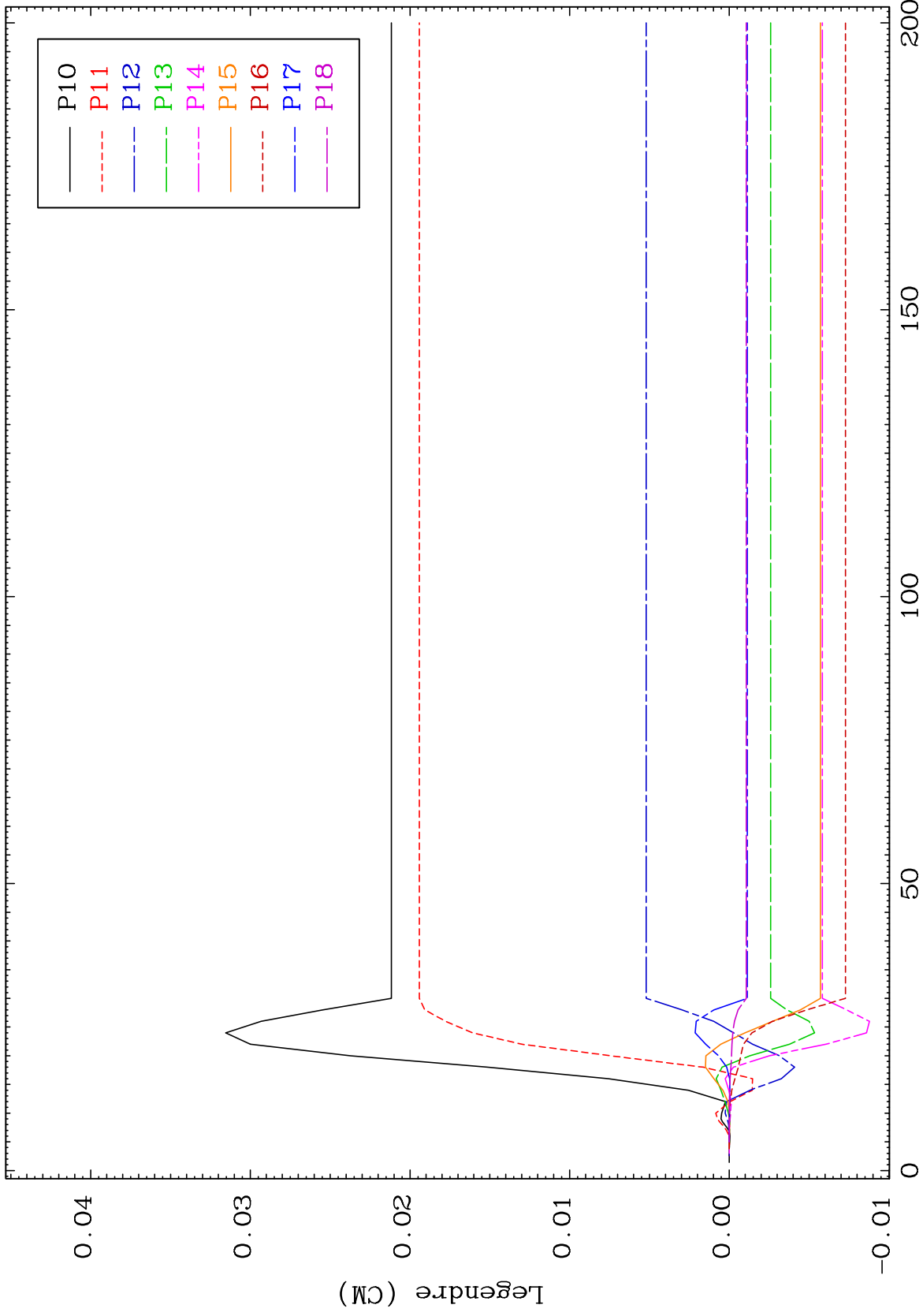




MAT 6549

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

65-Tb-167



89

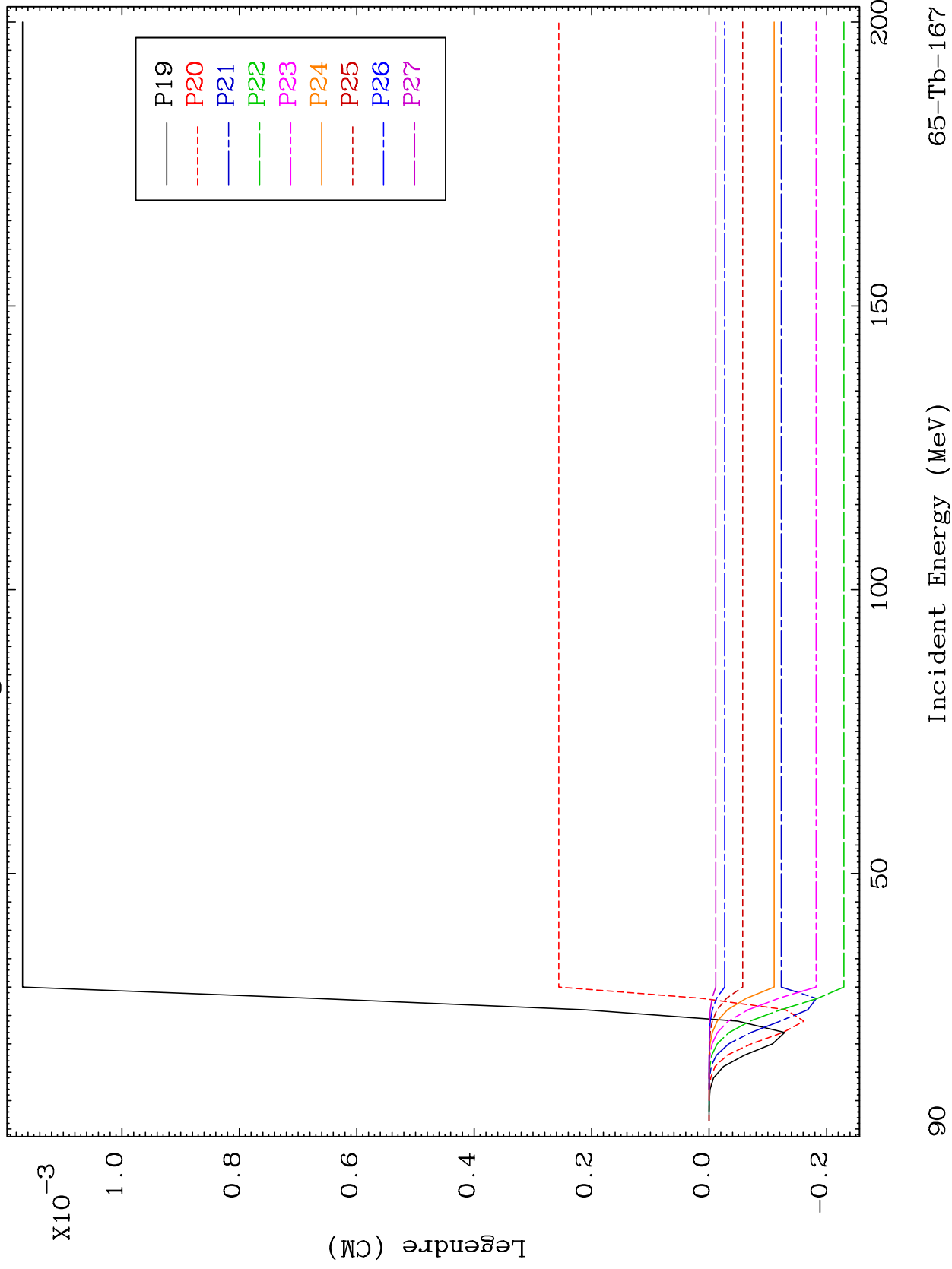
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

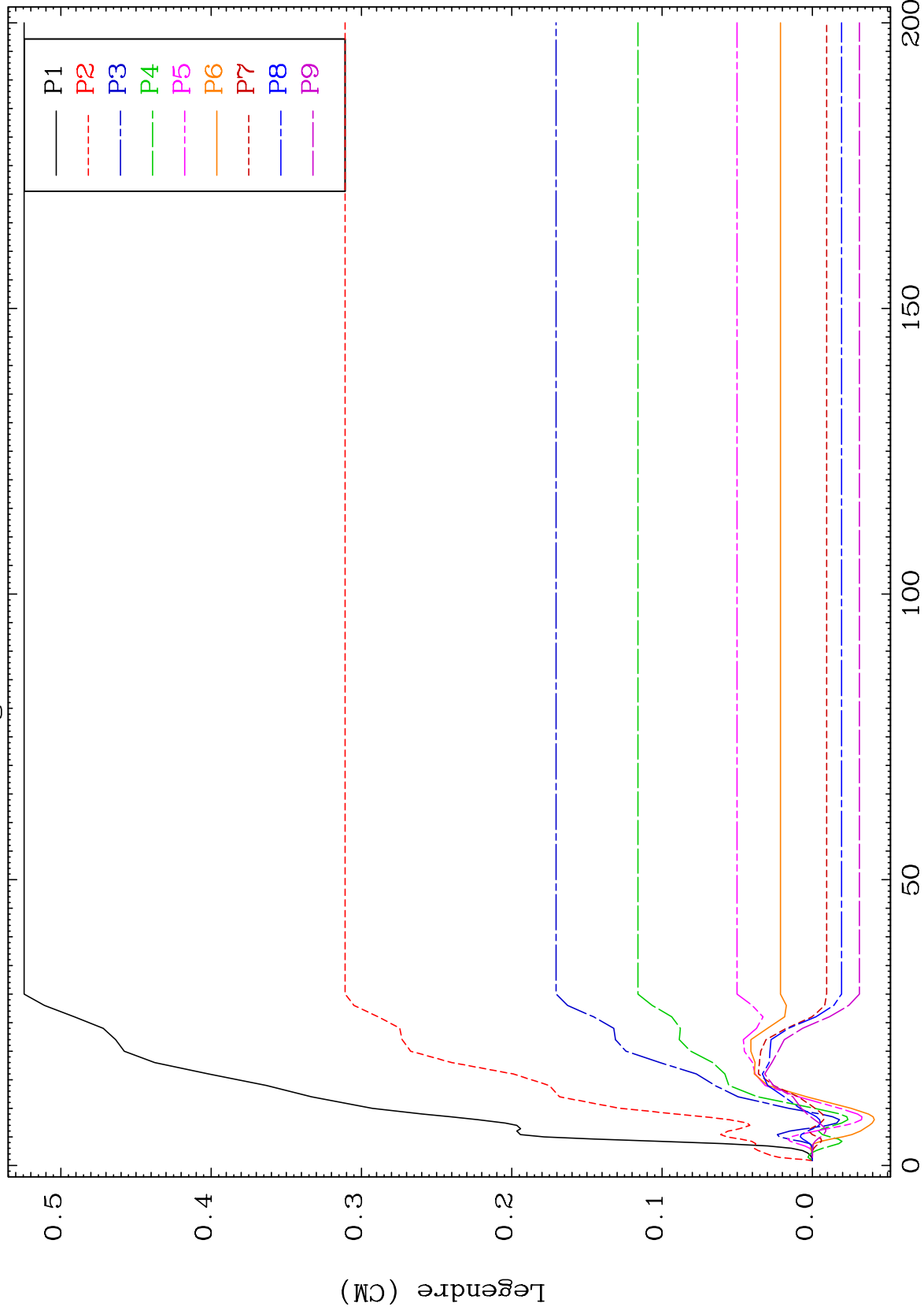
65-Tb-167



MAT 6549

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

65-Tb-167



92

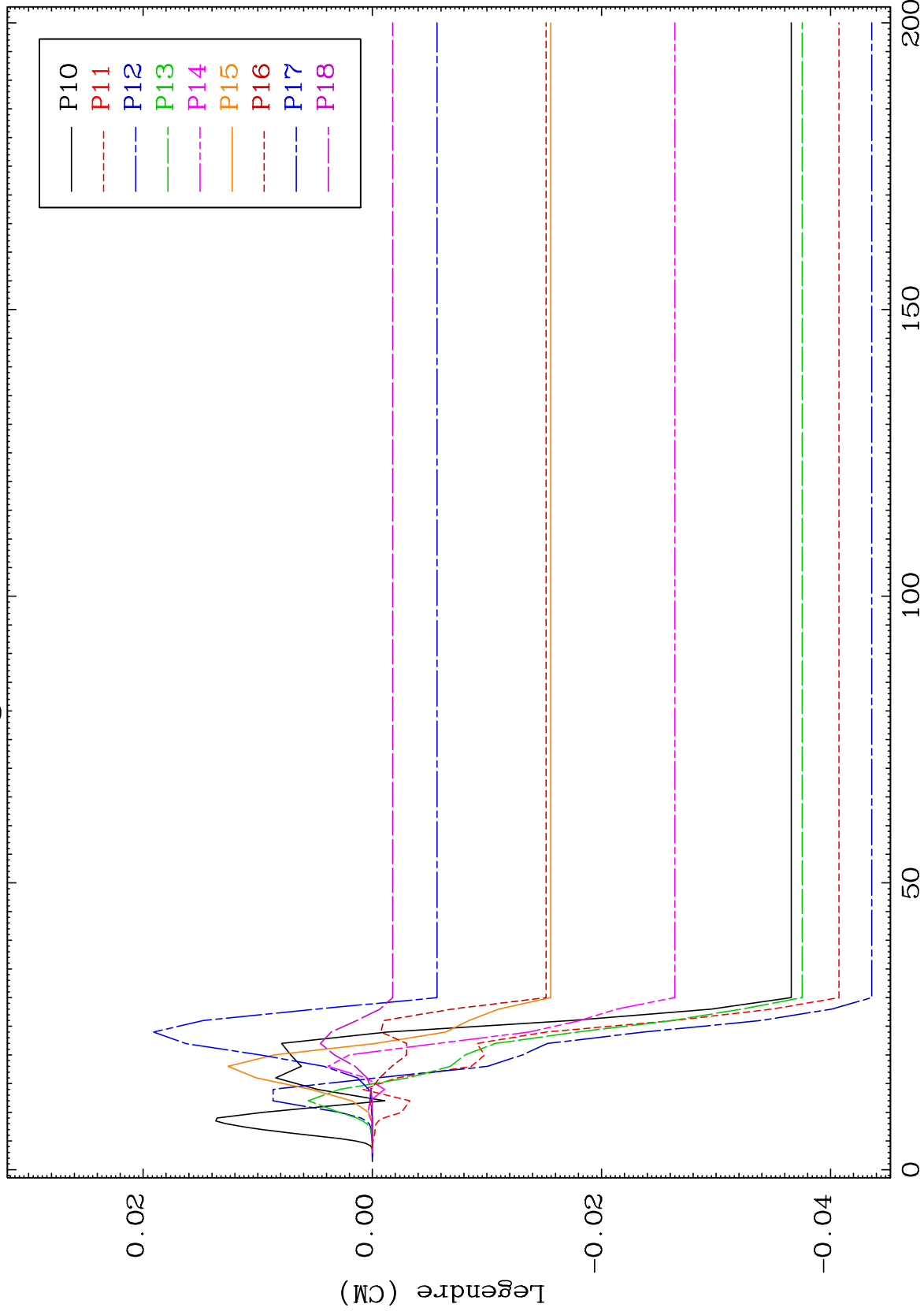
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



93

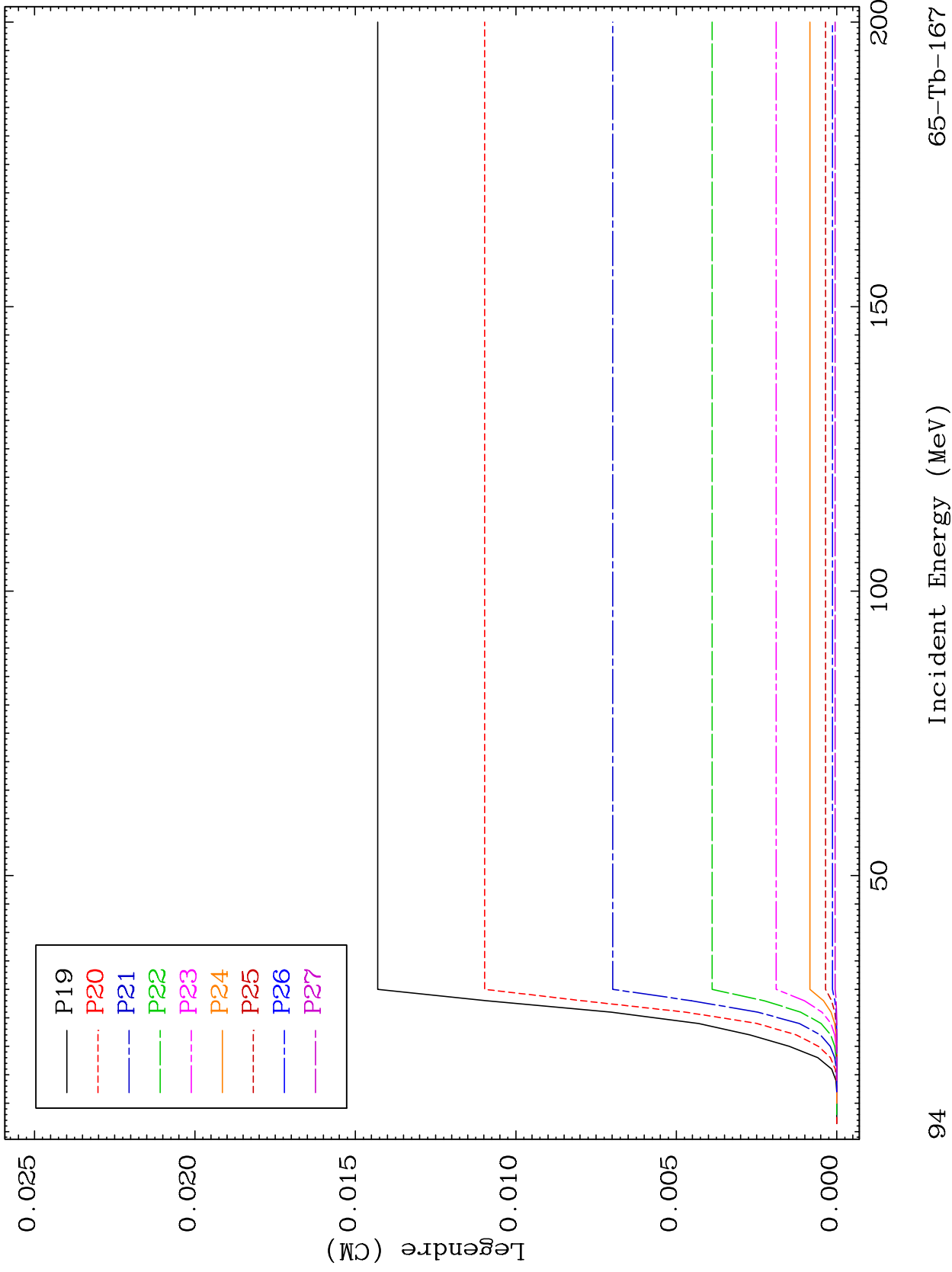
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



94

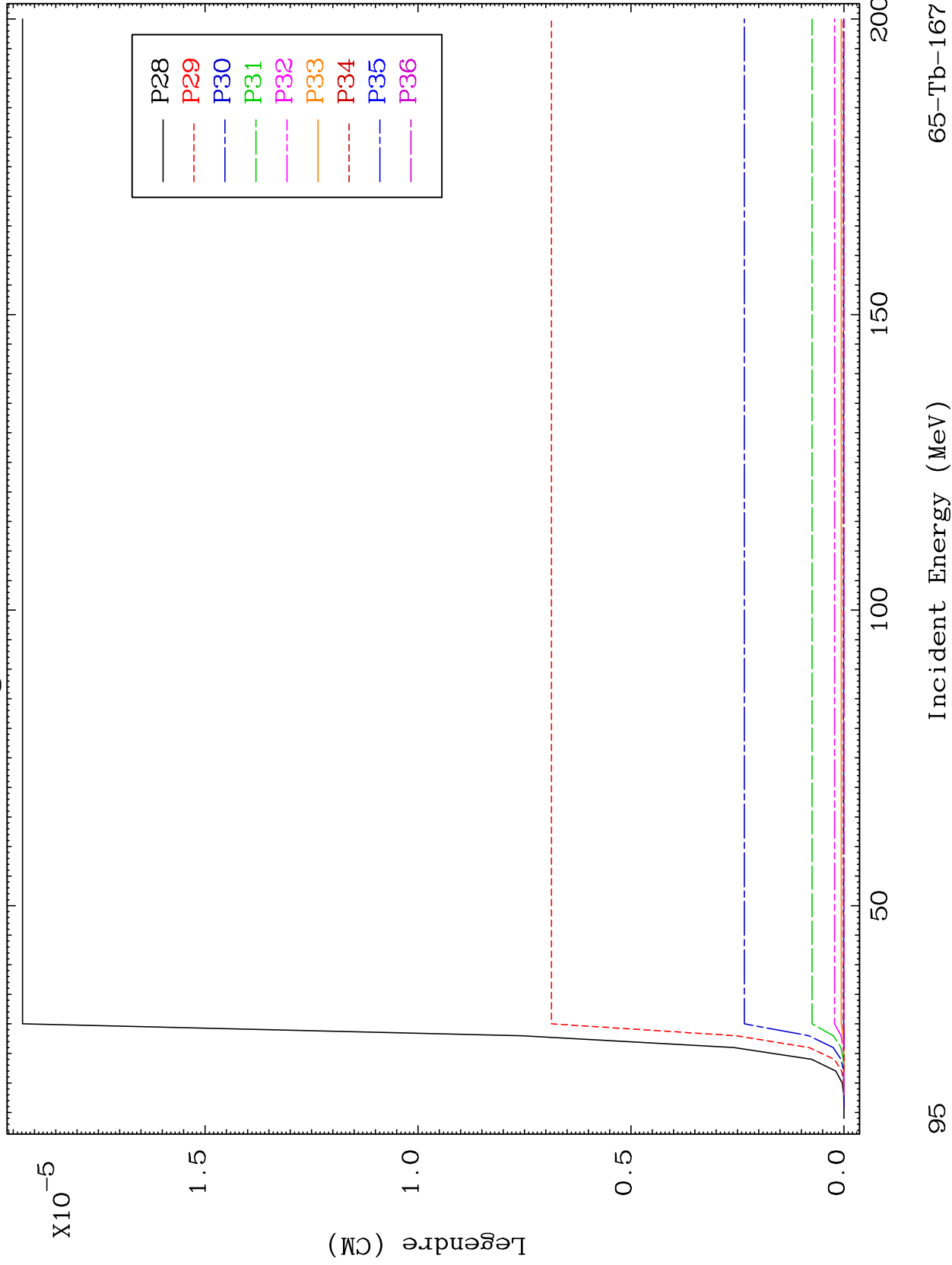
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



95

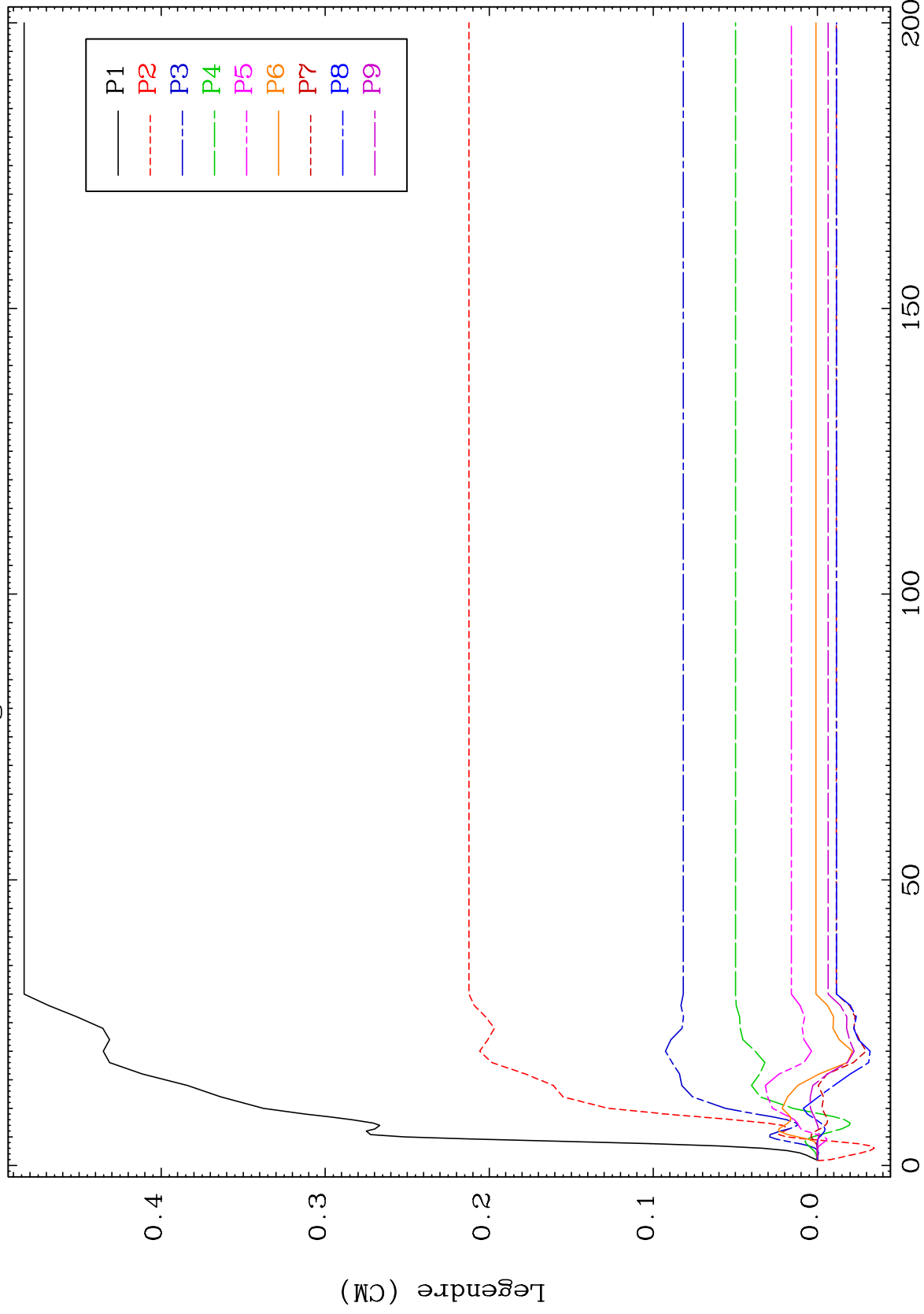
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



96

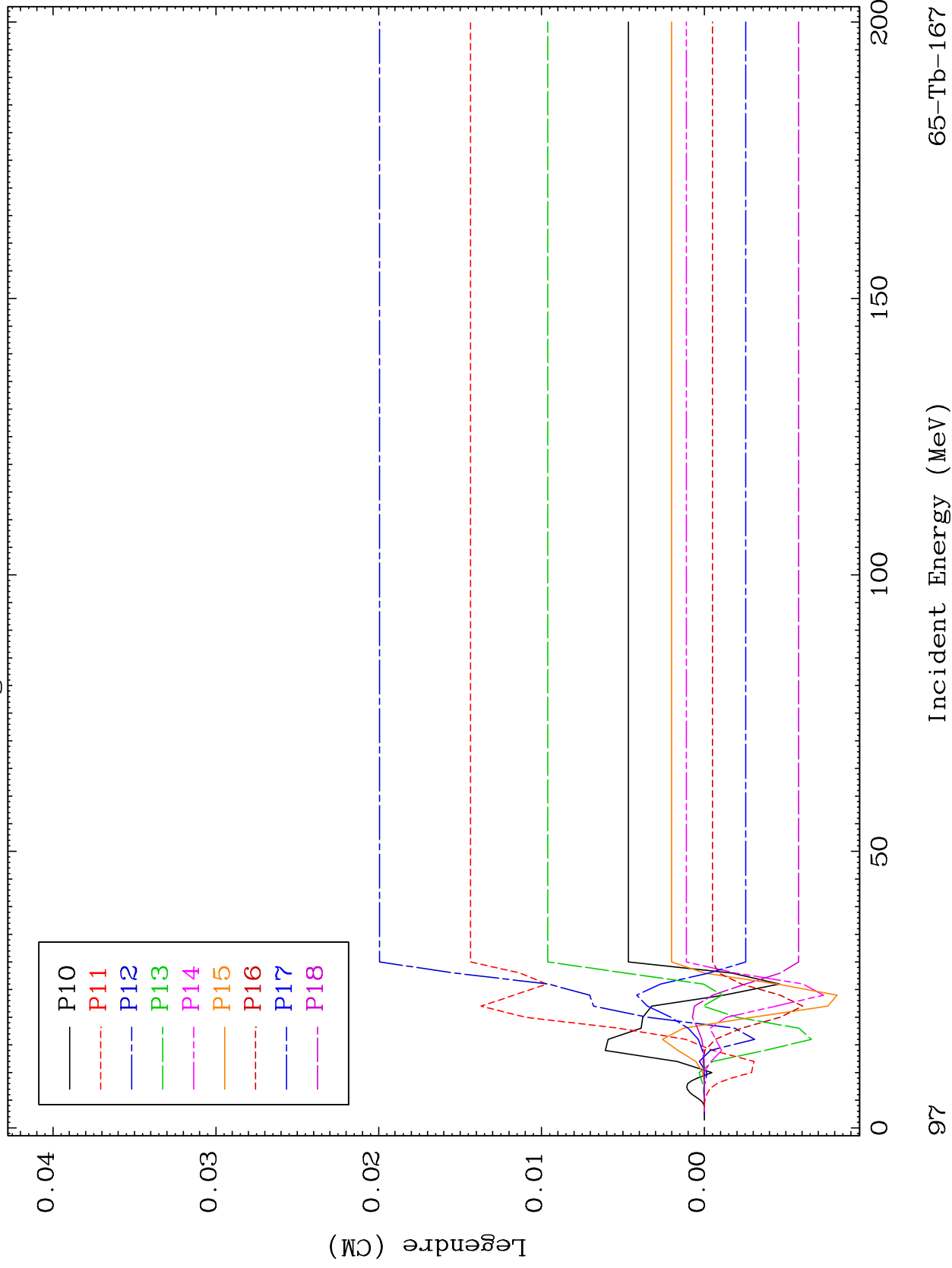
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



97

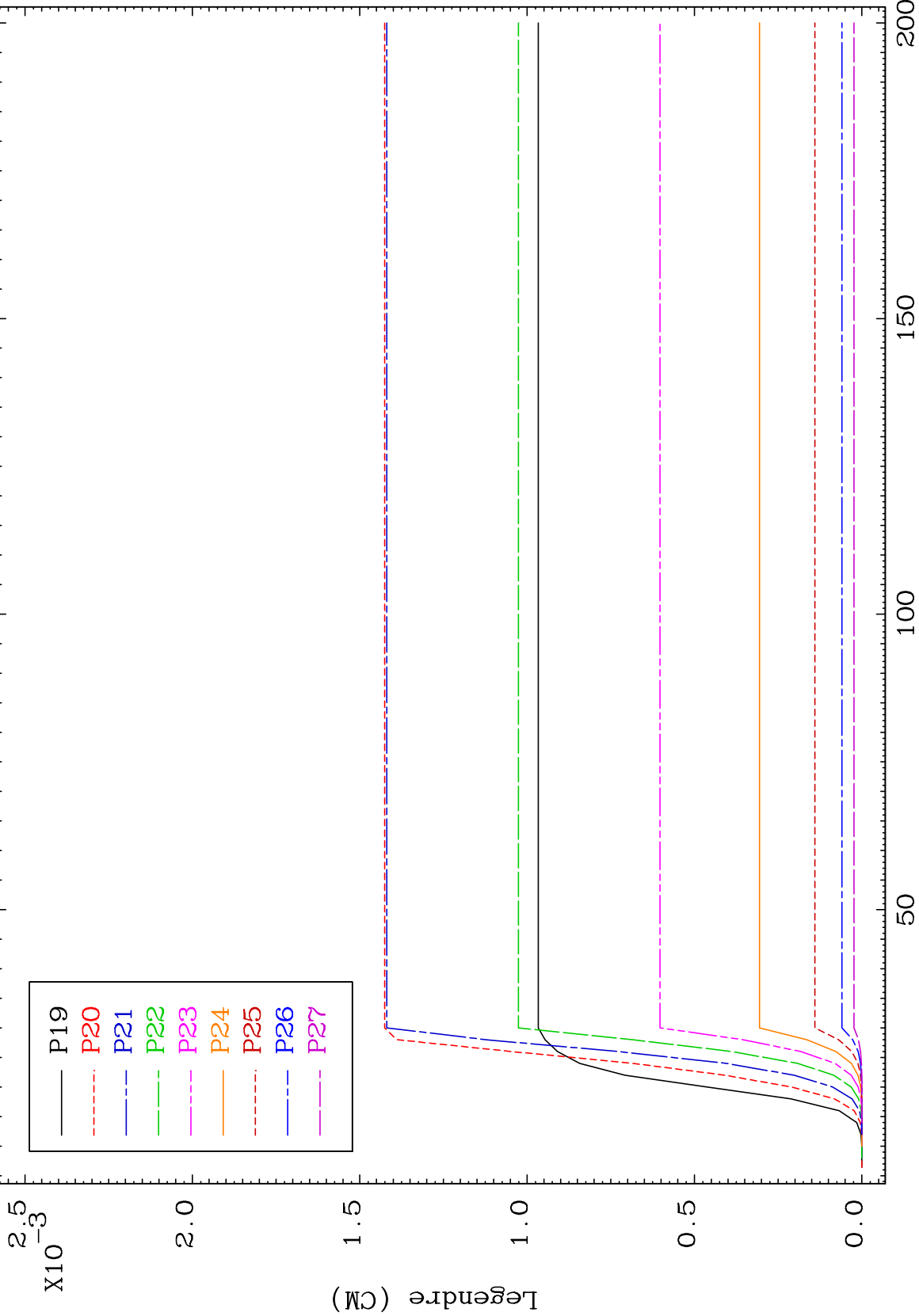
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



98

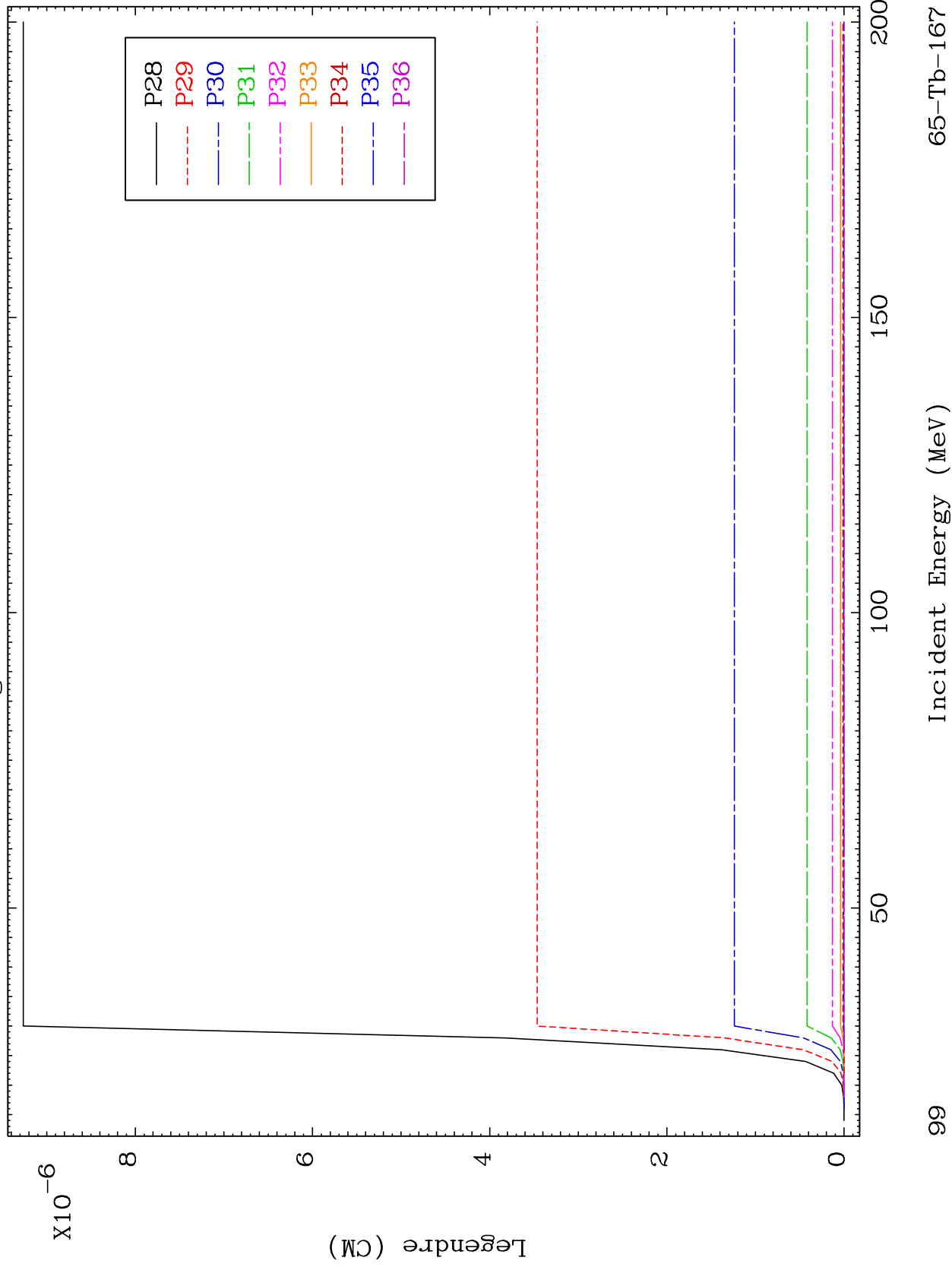
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

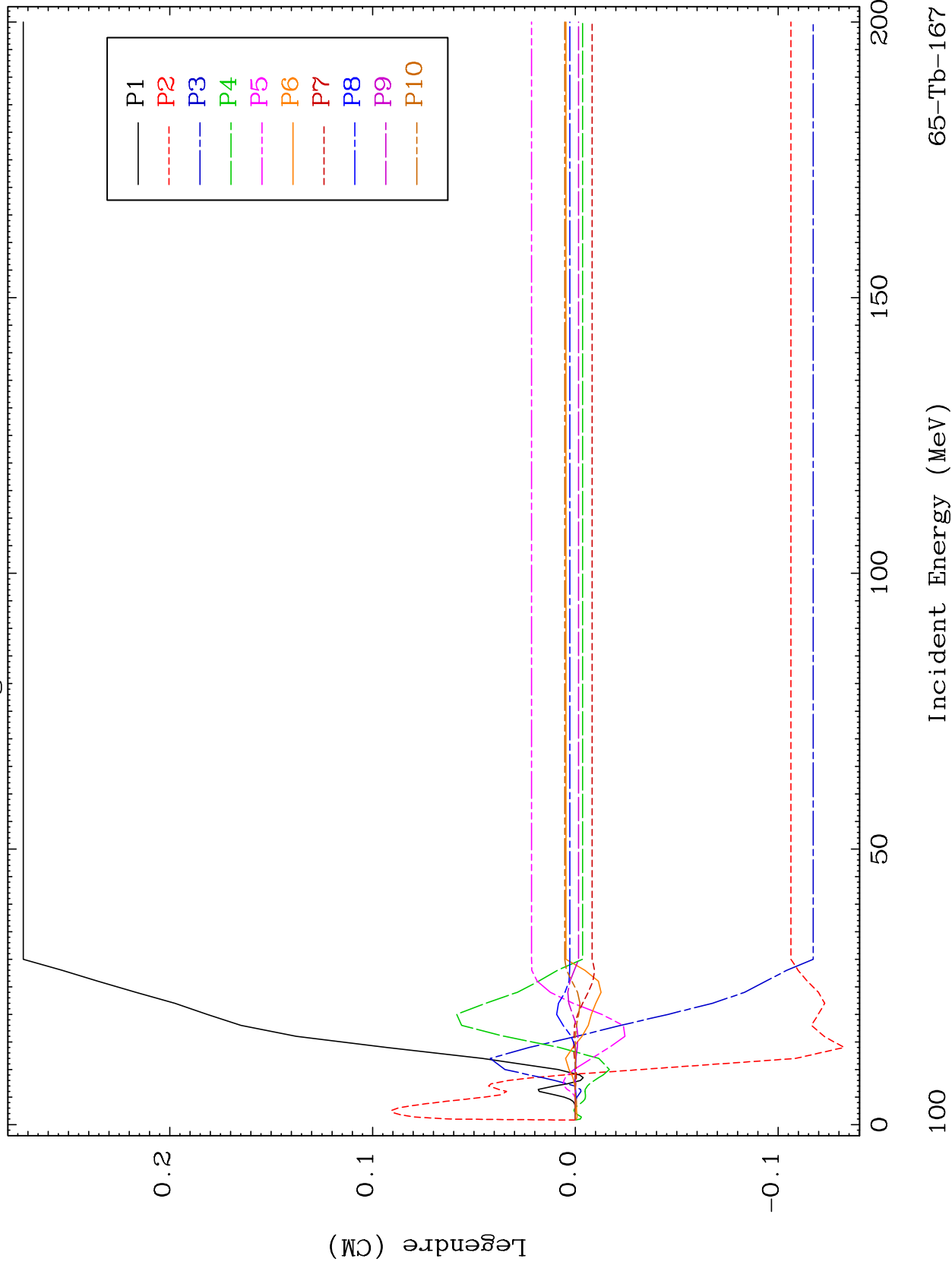
65-Tb-167



MAT 6549

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

65-Tb-167



65-Tb-167

Incident Energy (MeV)

0

50

100

150

200

0.2

0.1

0.0

-0.1

Legendre (CM)

Legendre Coefficients

P1

P2

P3

P4

P5

P6

P7

P8

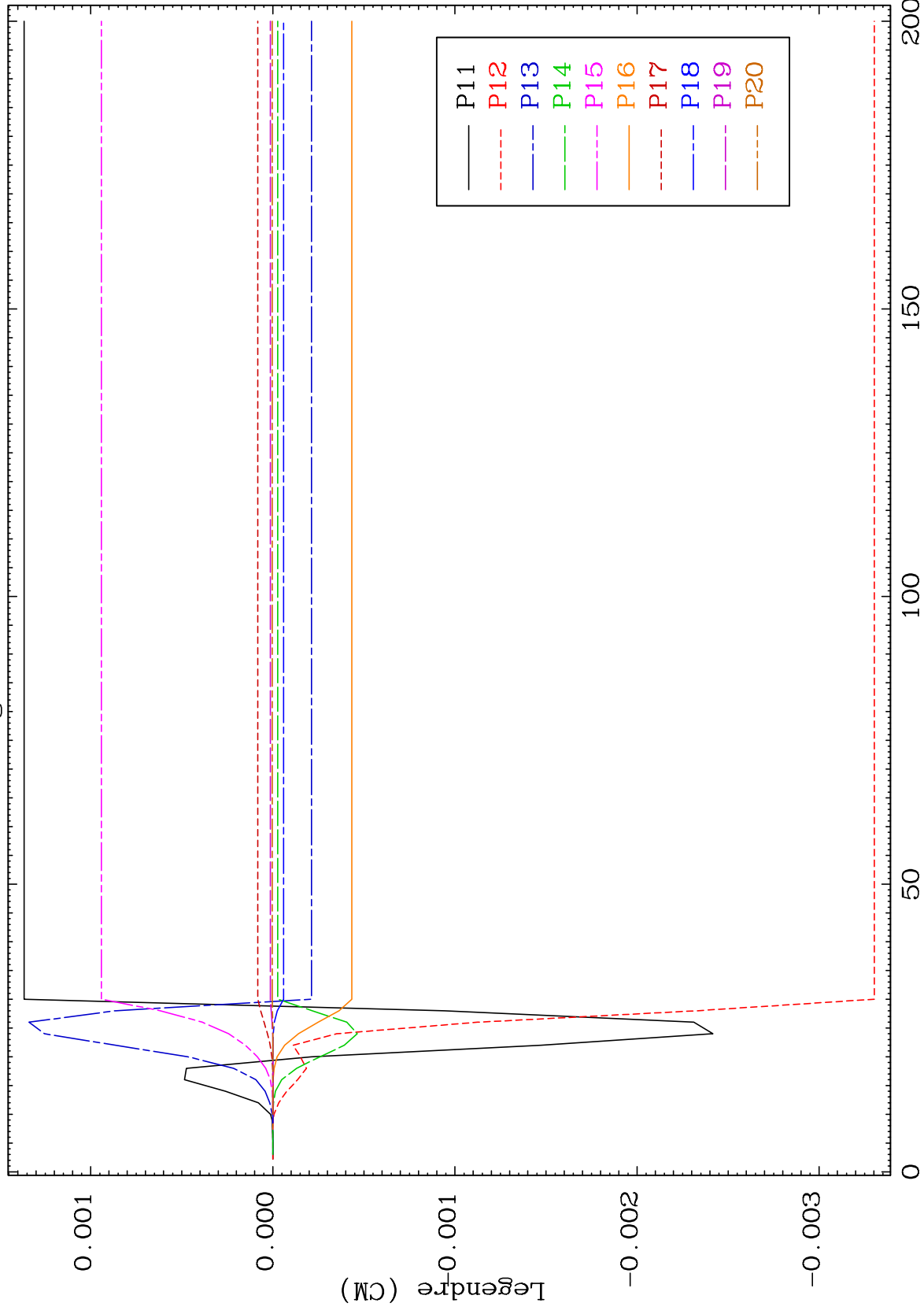
P9

P10

MAT 6549

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

65-Tb-167



101

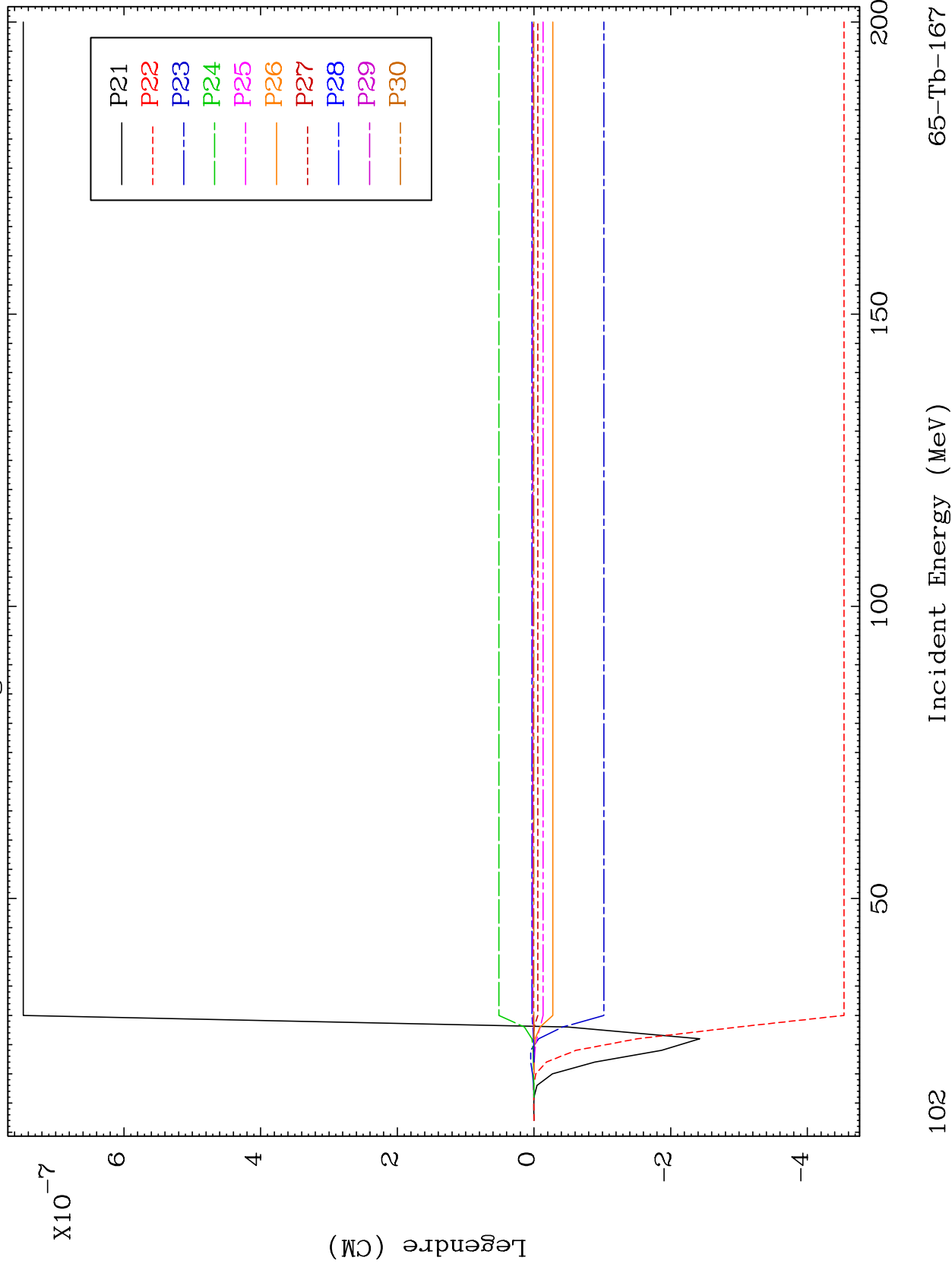
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



102

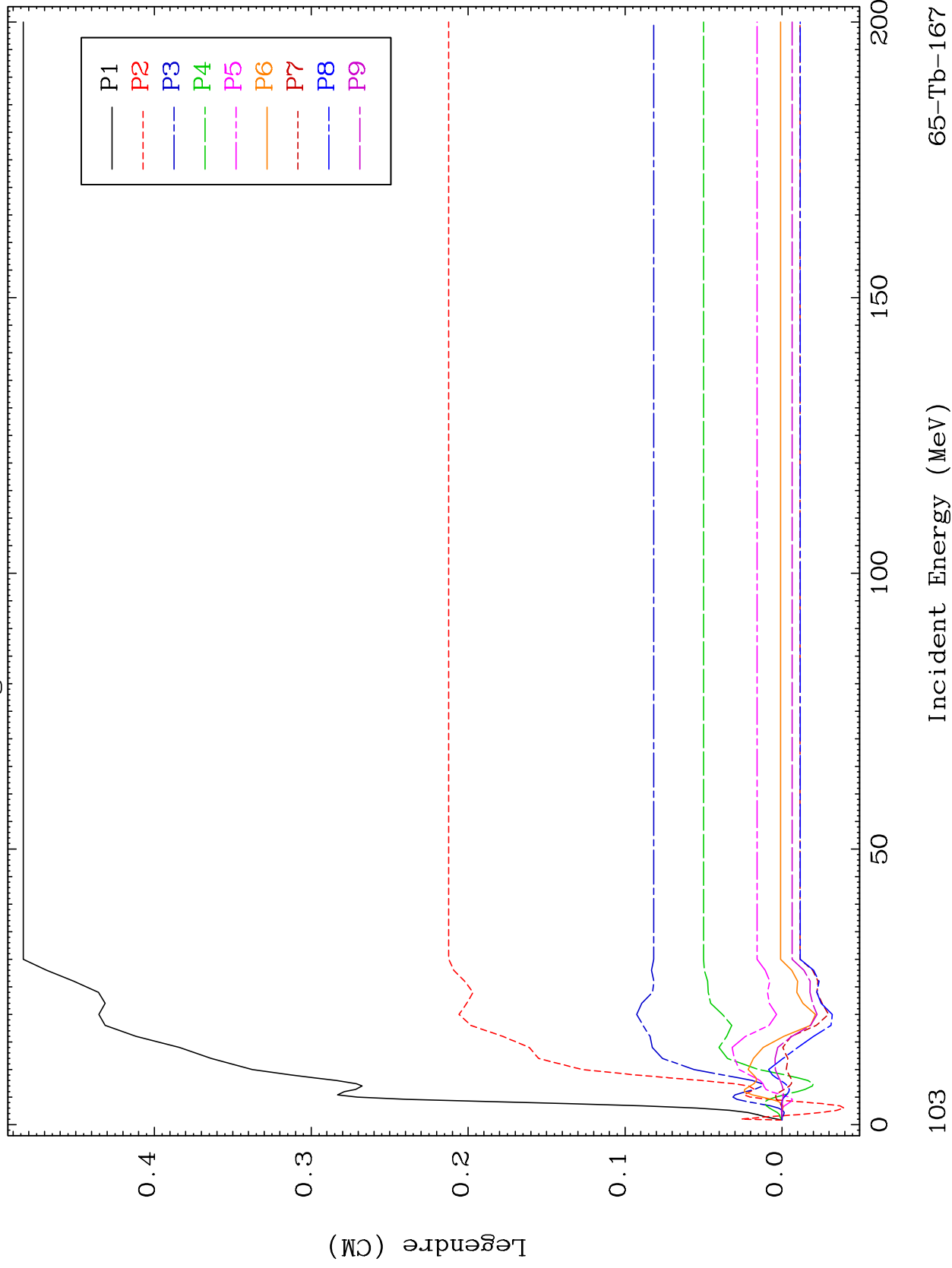
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

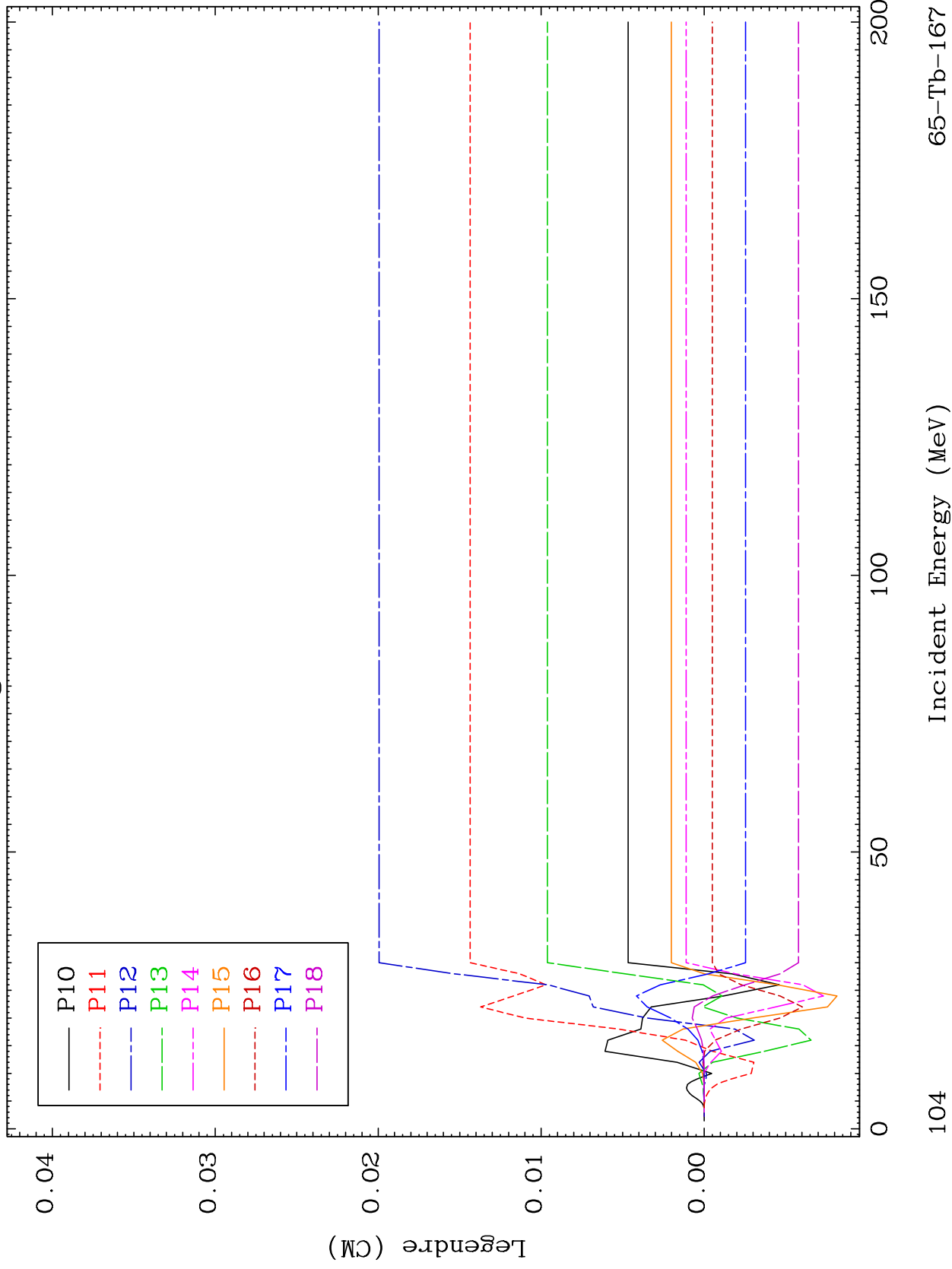
Incident Energy (MeV)

103

MAT 6549

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

65-Tb-167



104

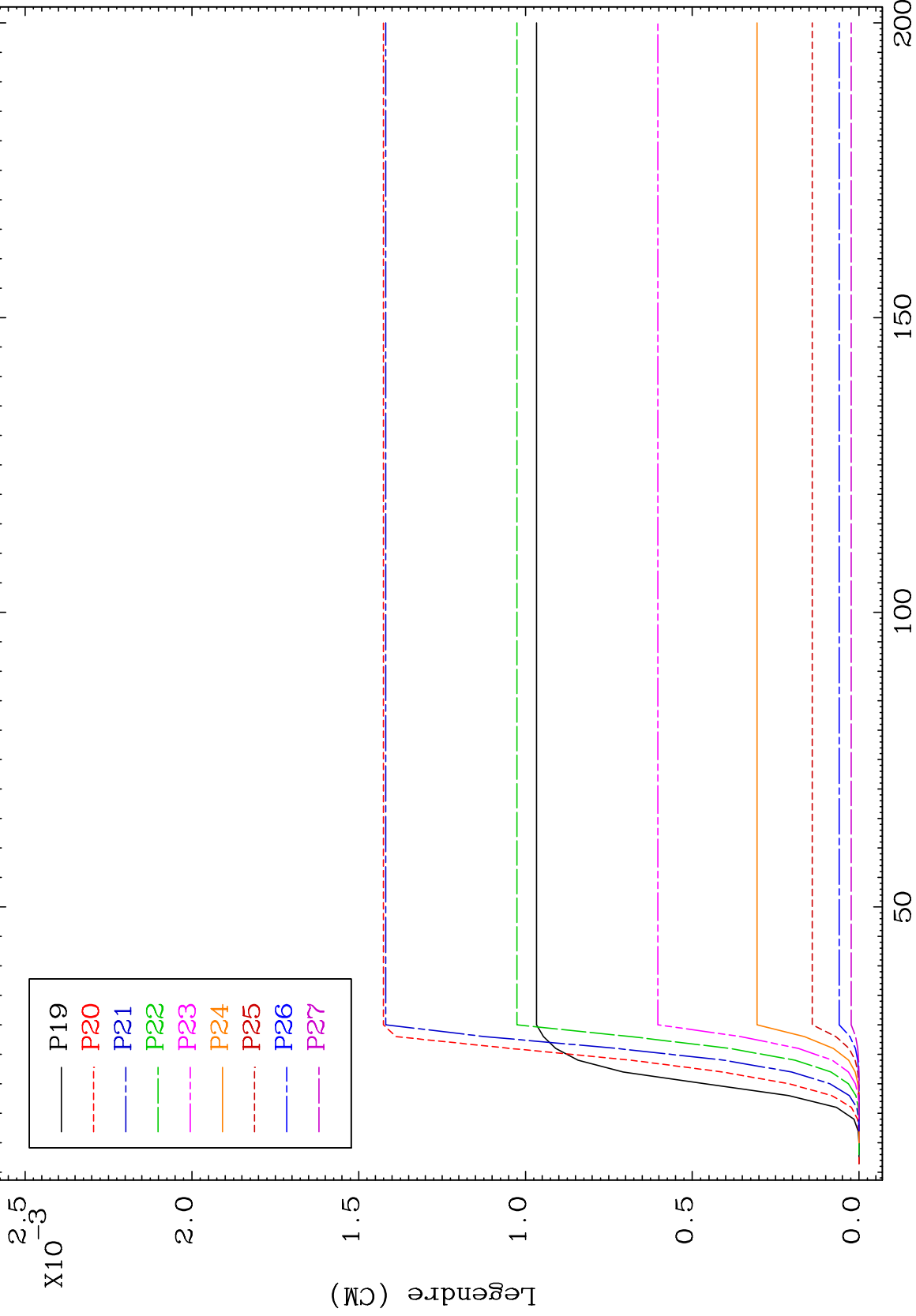
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



105

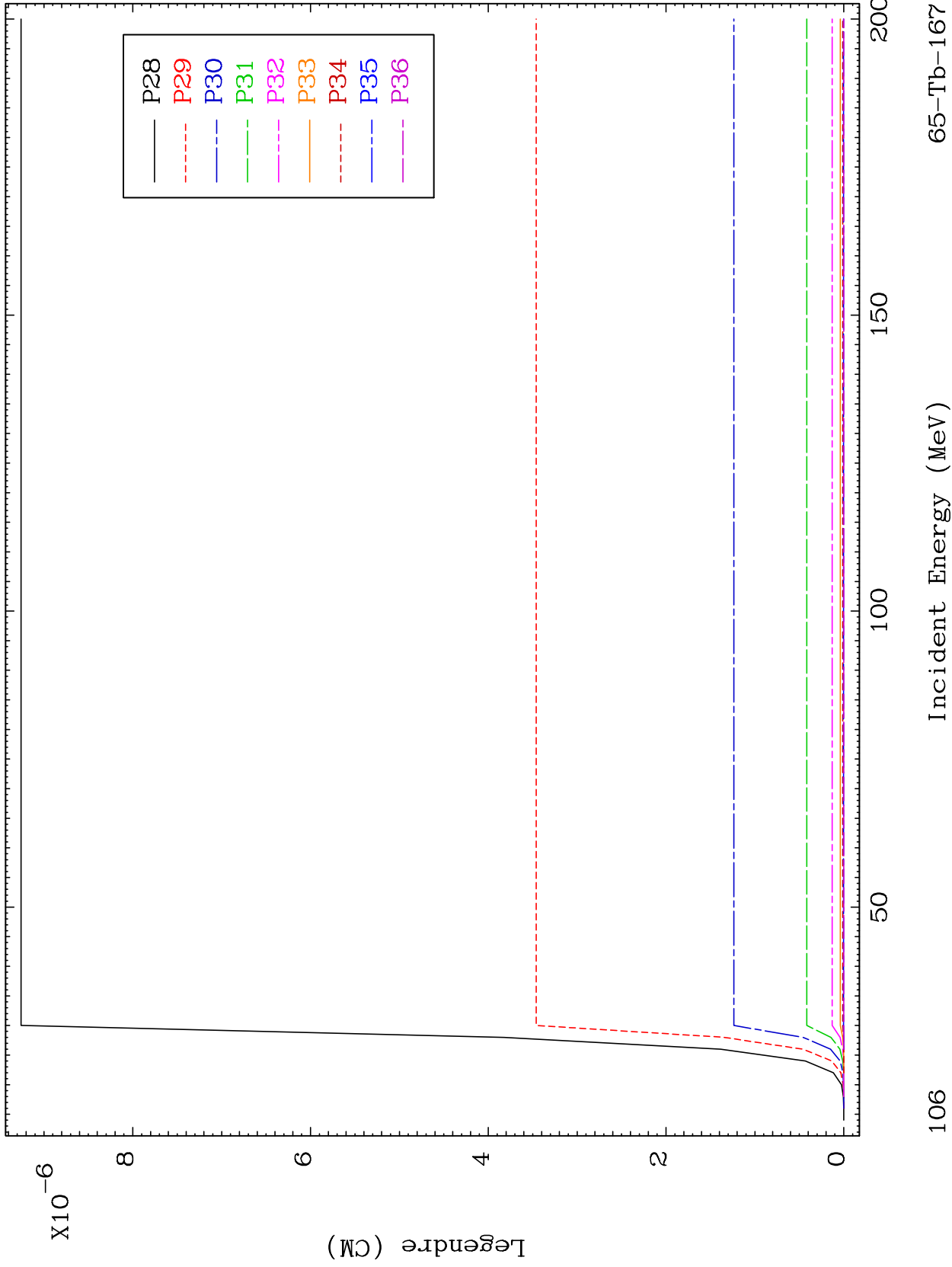
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



106

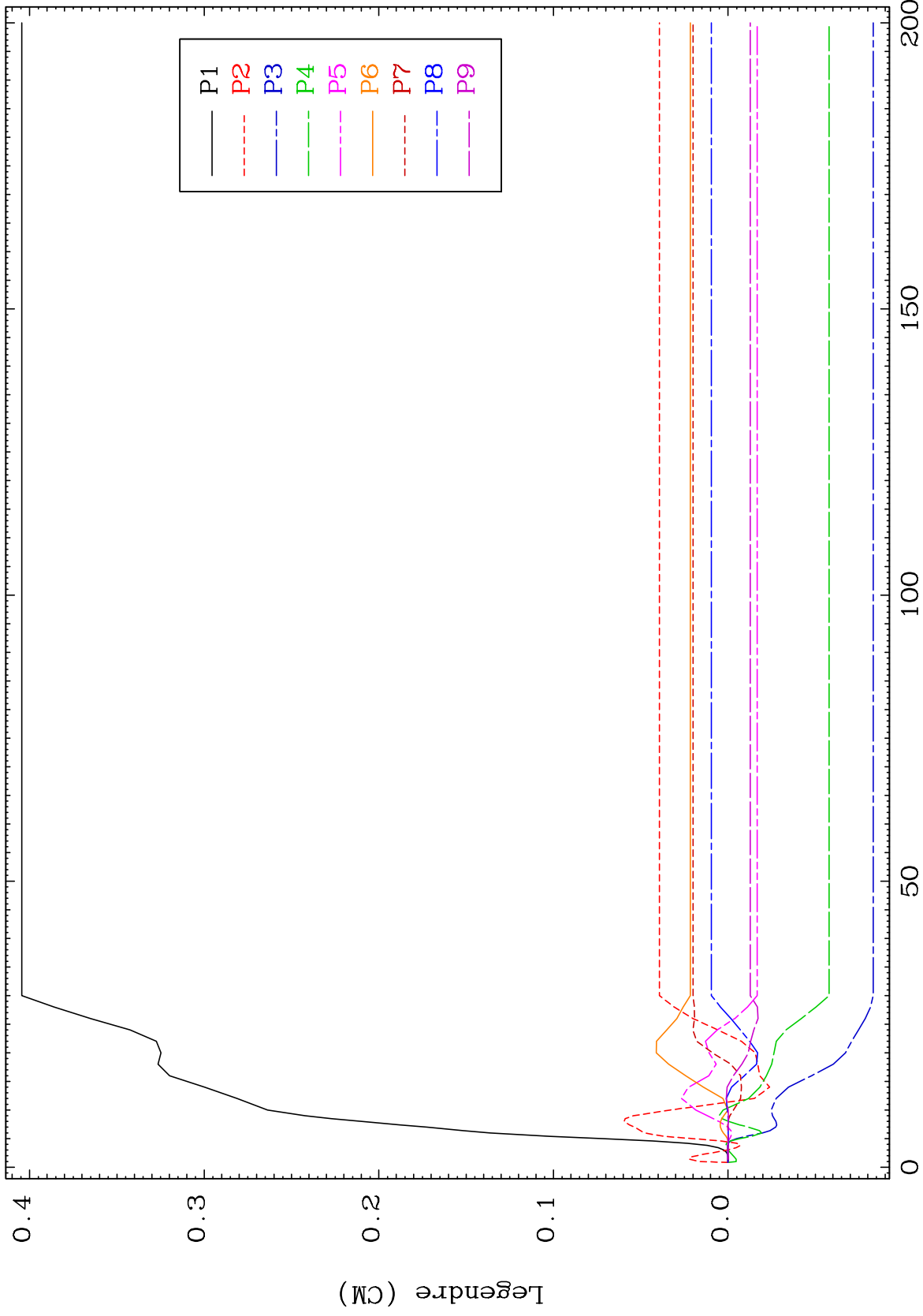
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



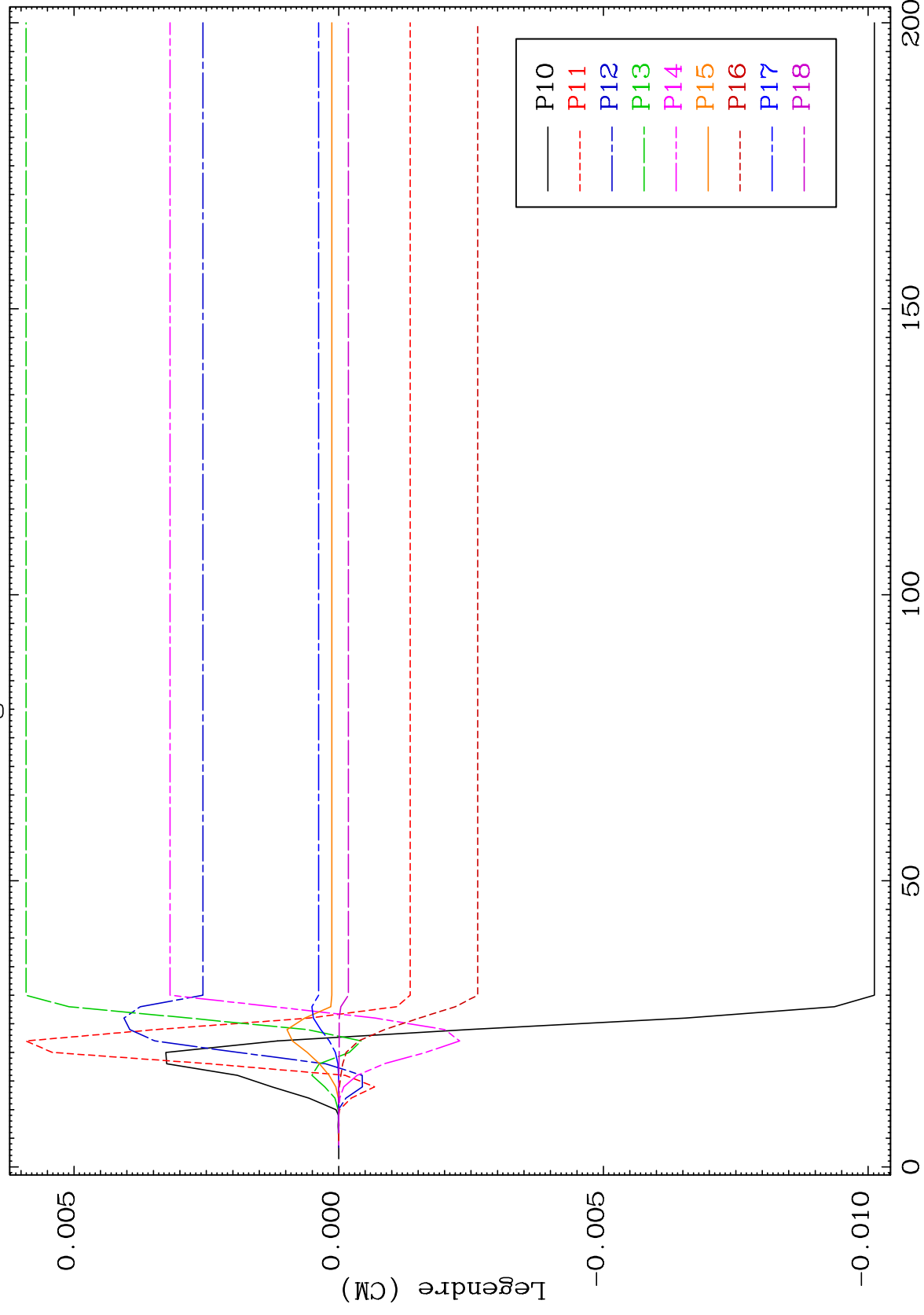
107

65-Tb-167

MAT 6549

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

65-Tb-167



108

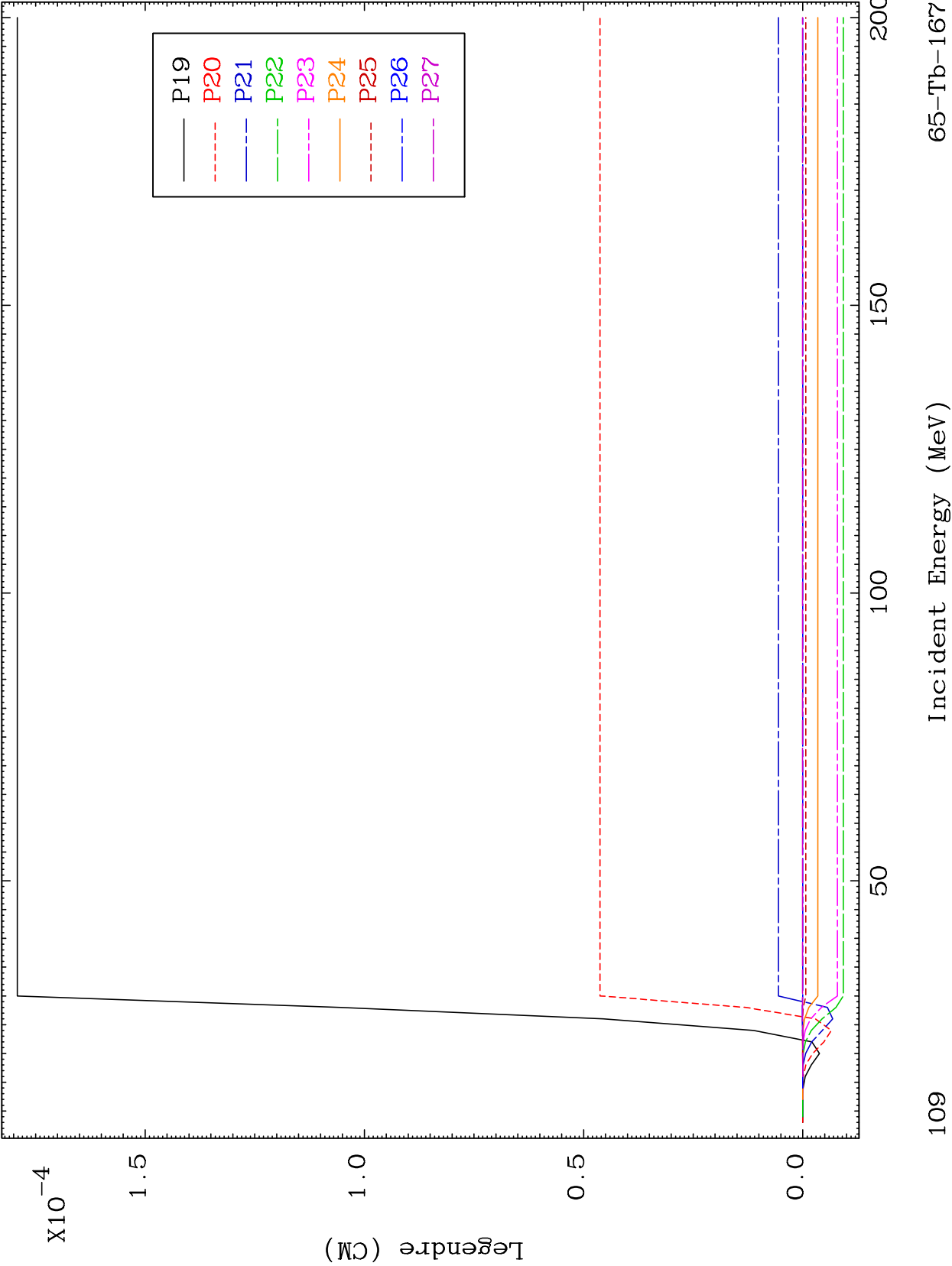
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



109

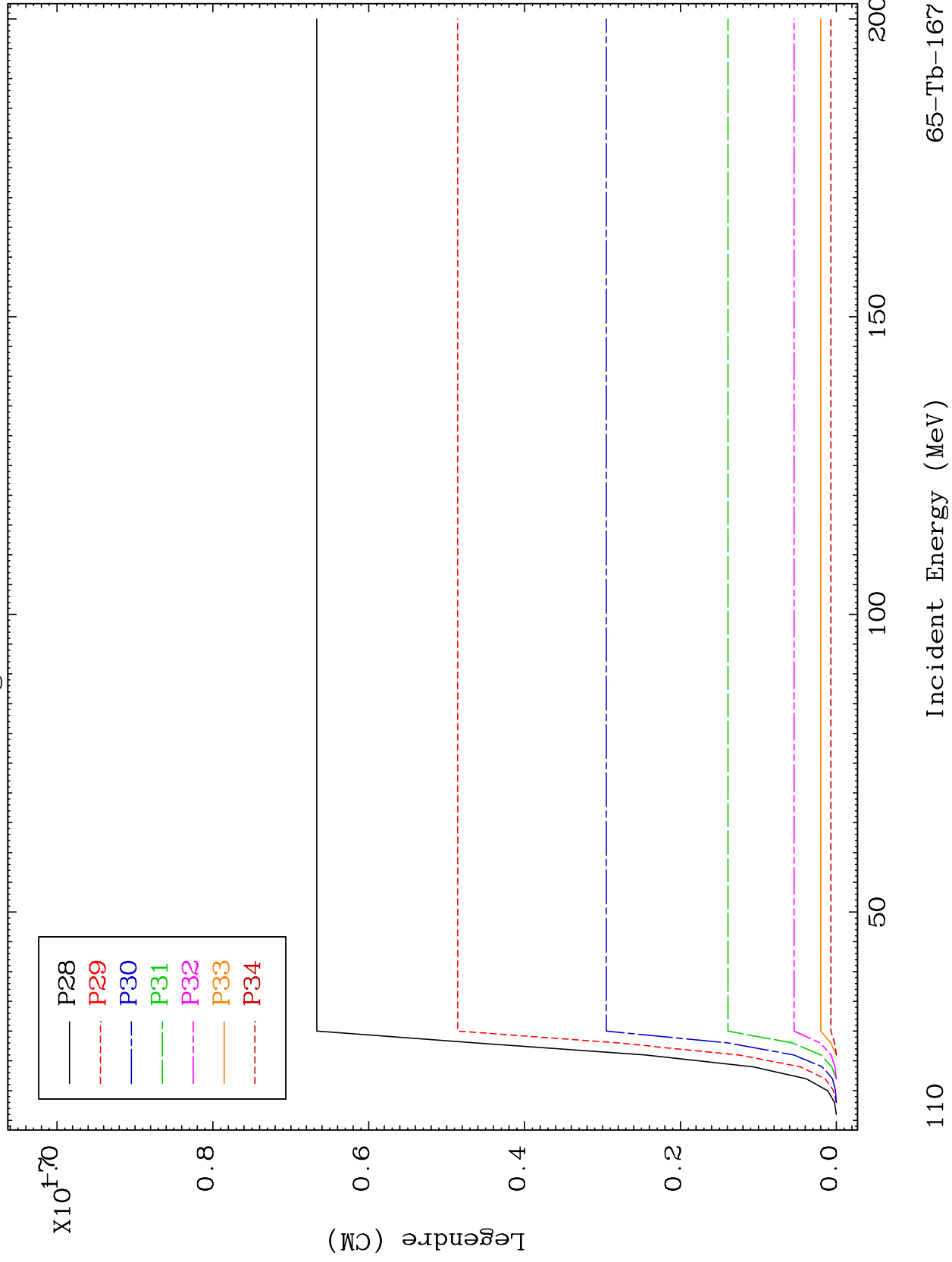
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



110

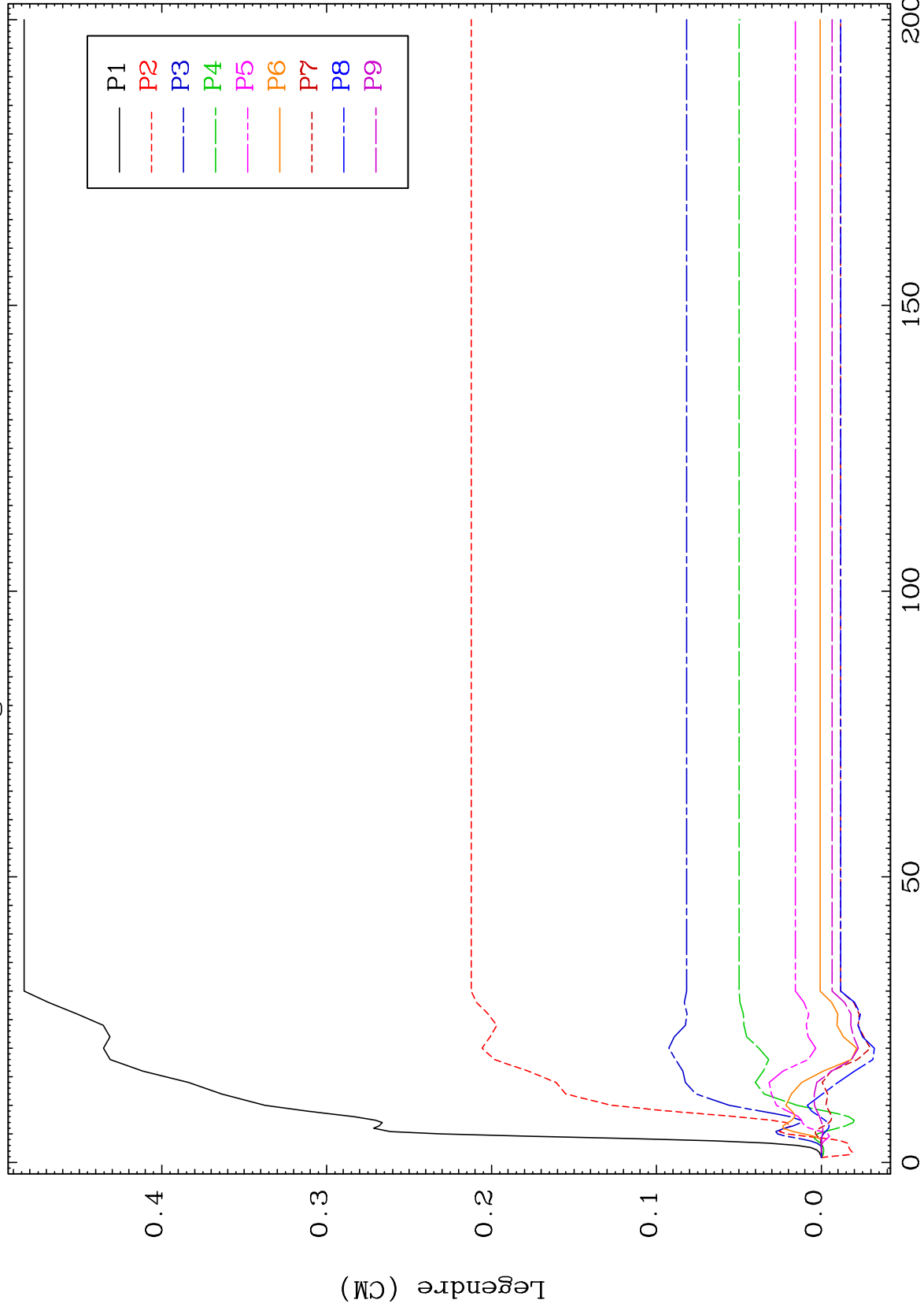
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



111

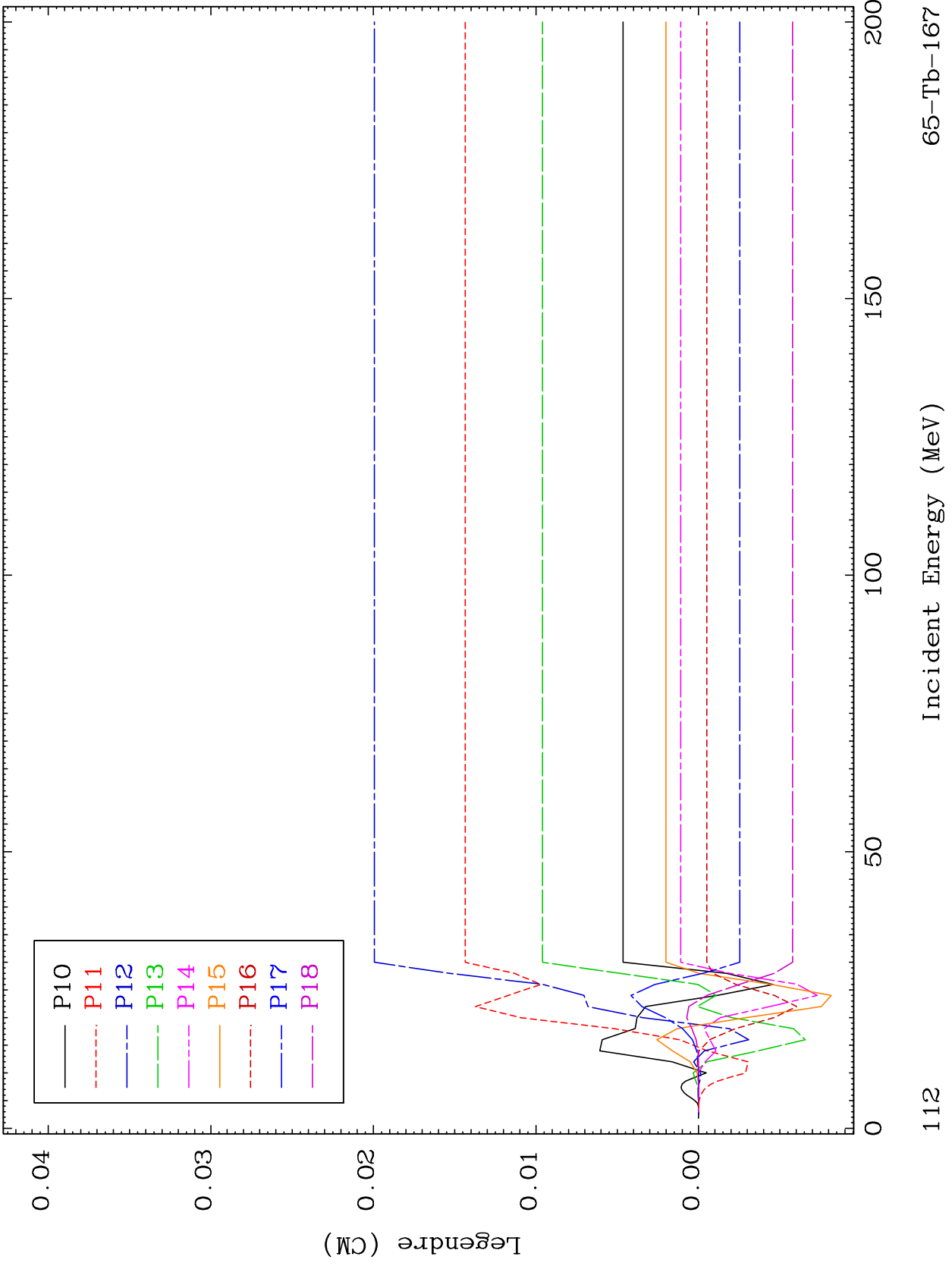
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



112

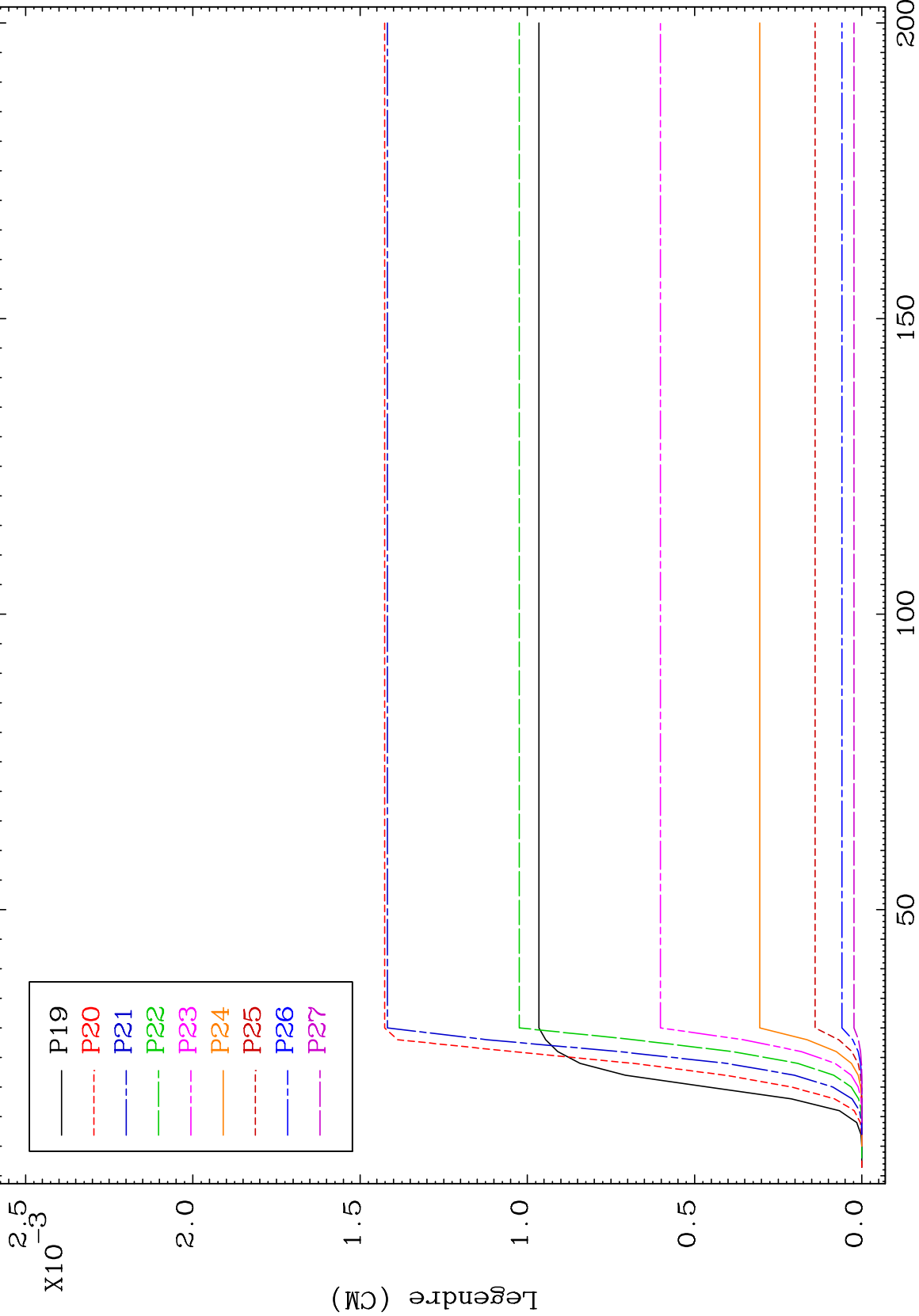
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



113

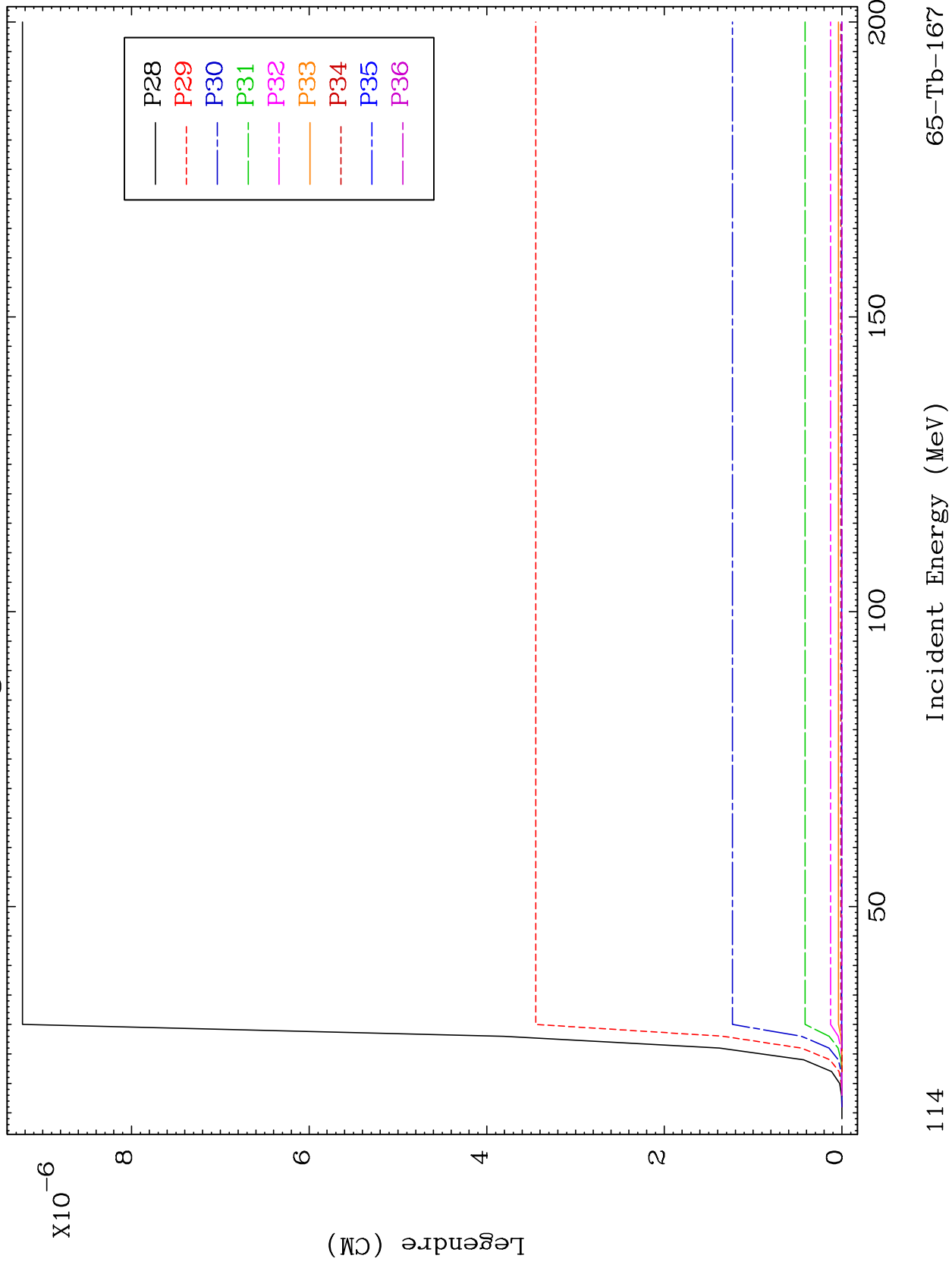
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



114

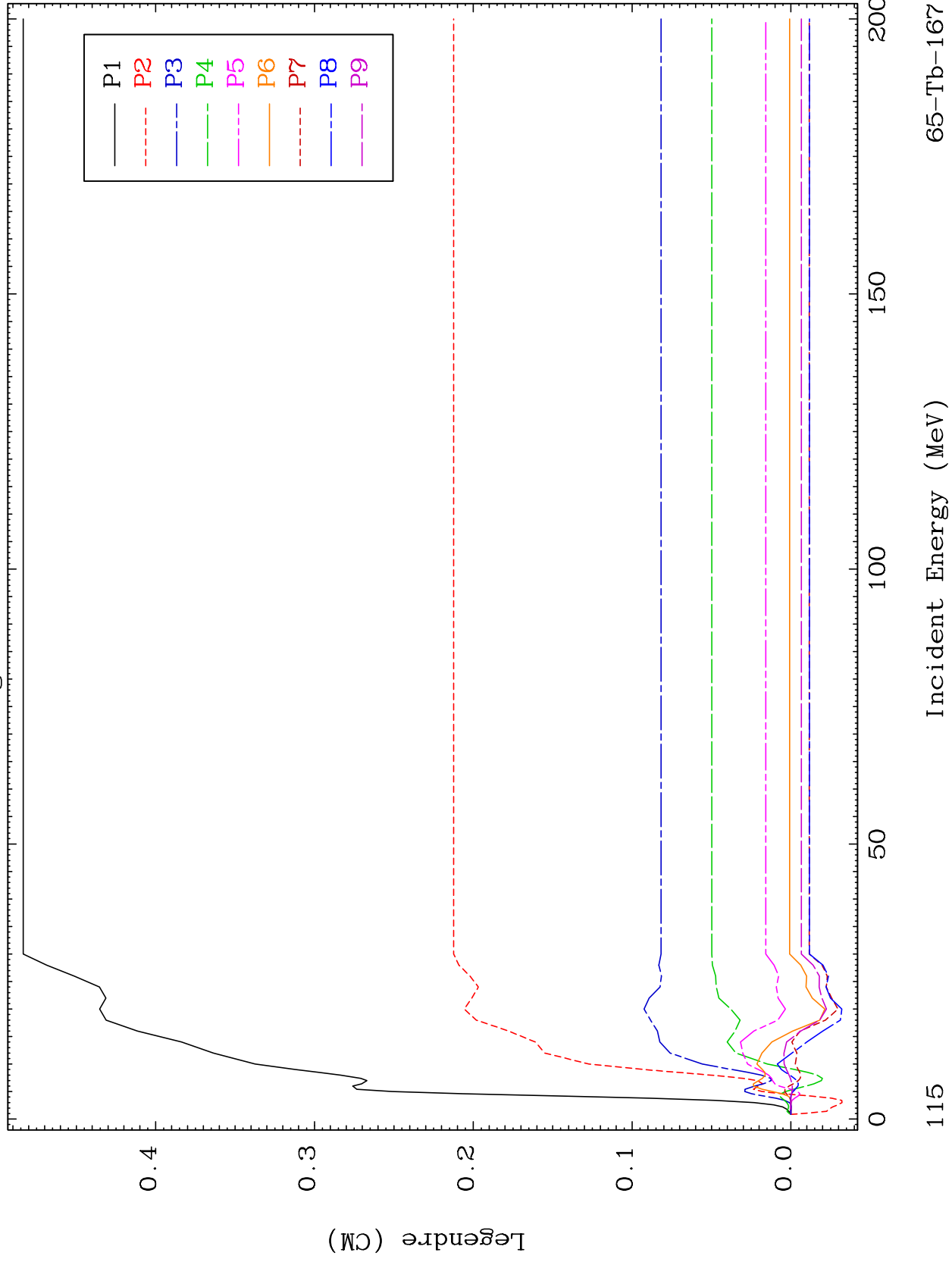
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

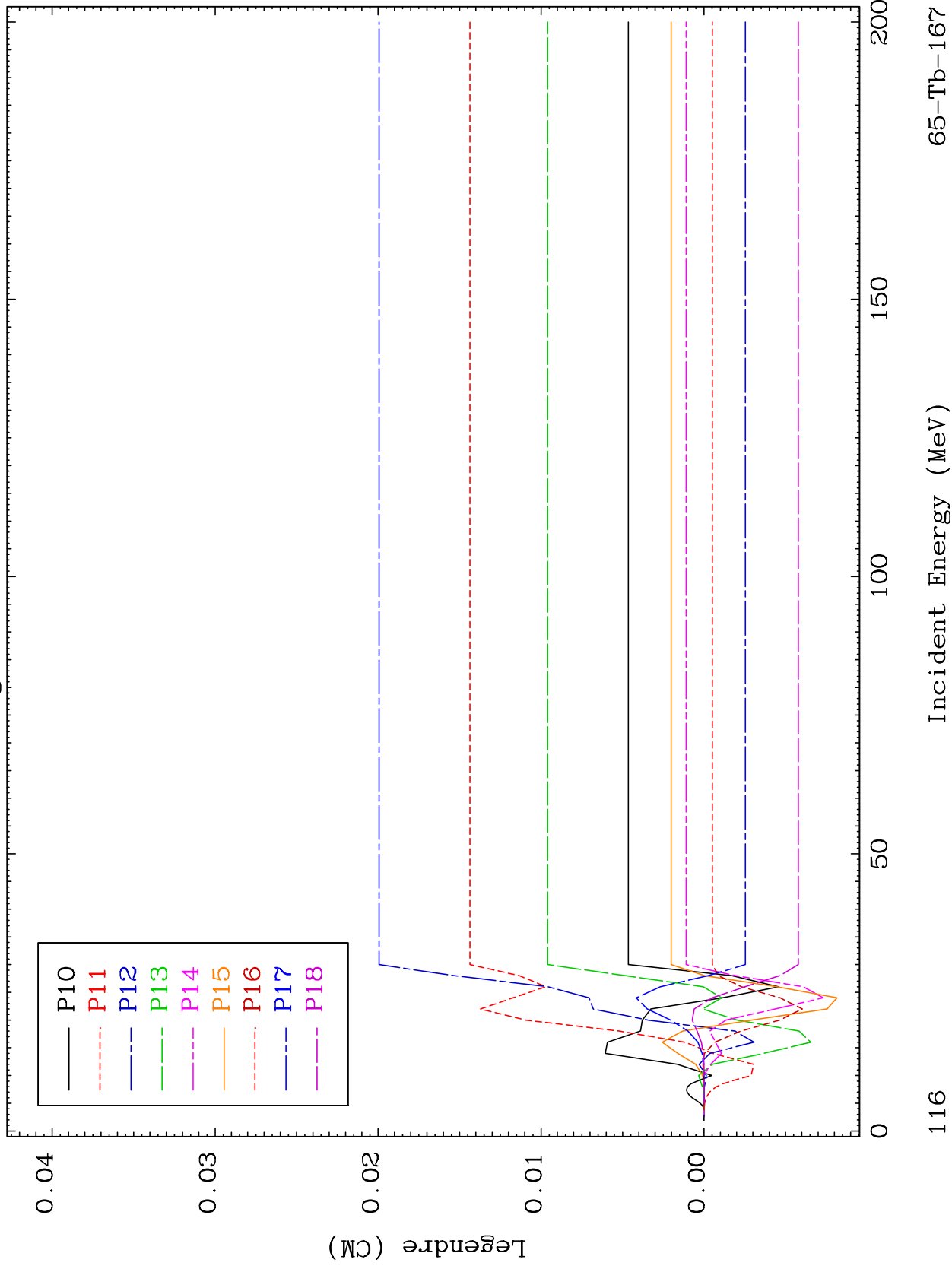
Incident Energy (MeV)

115

MAT 6549

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

65-Tb-167



116

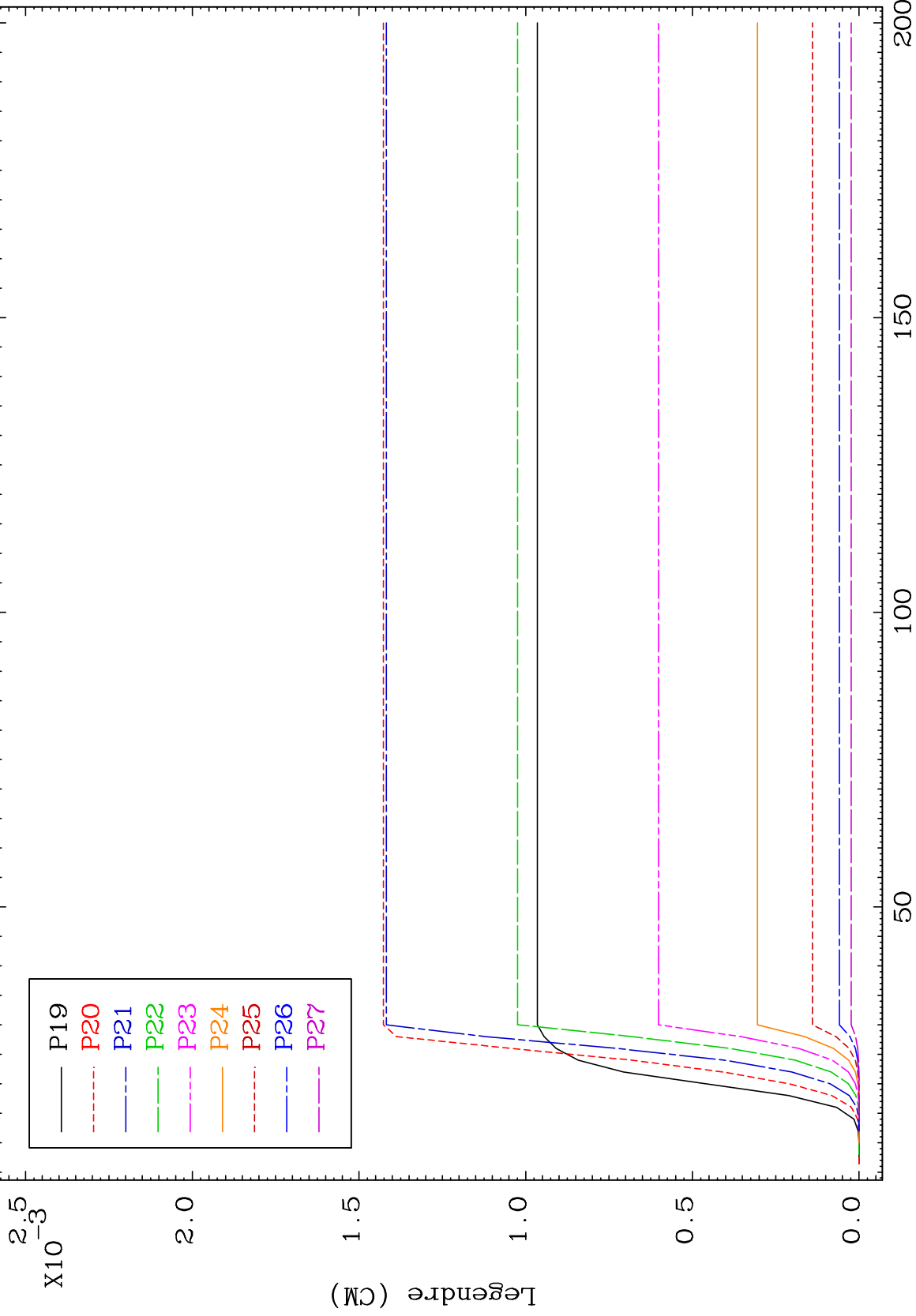
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



117

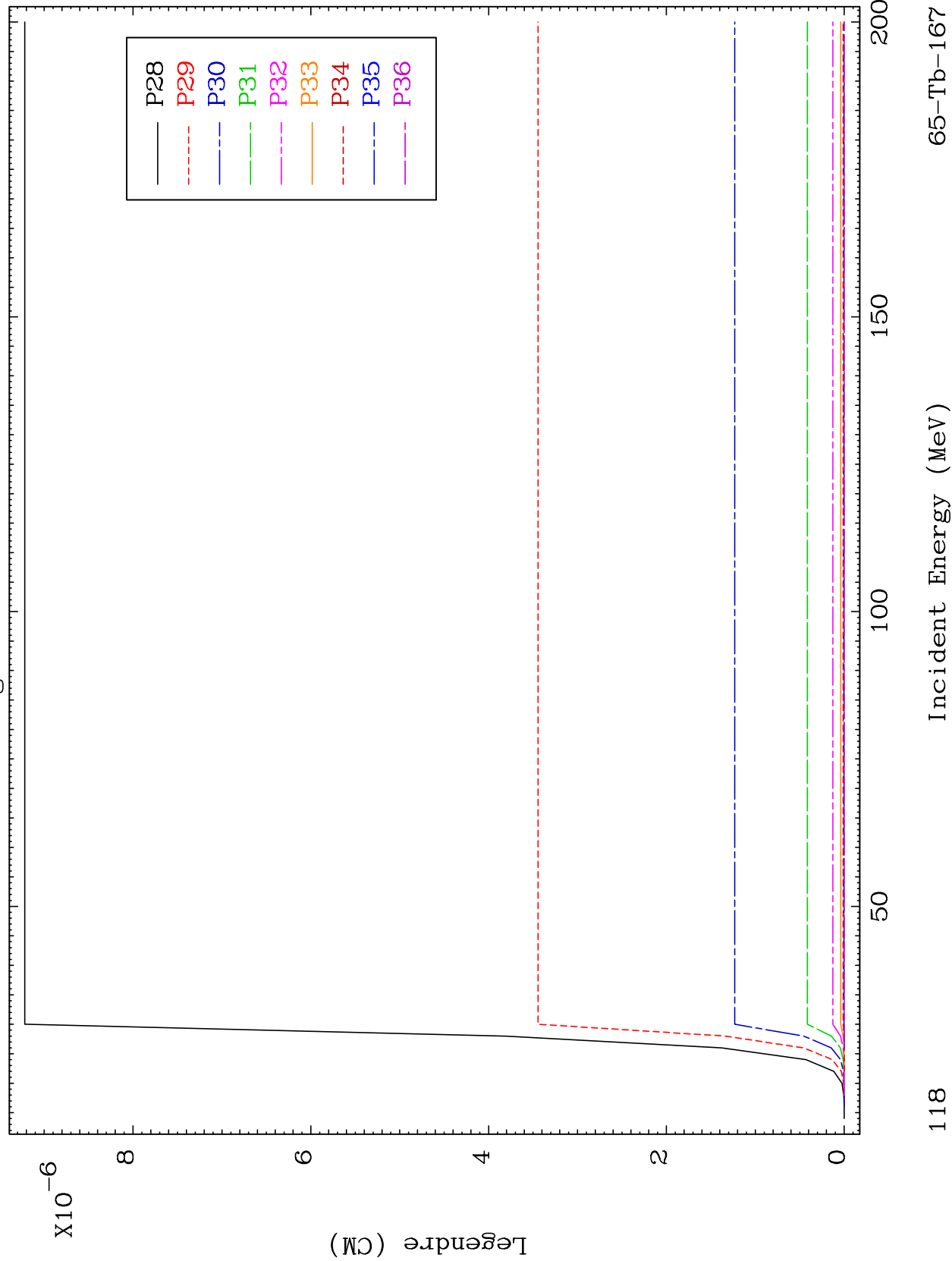
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

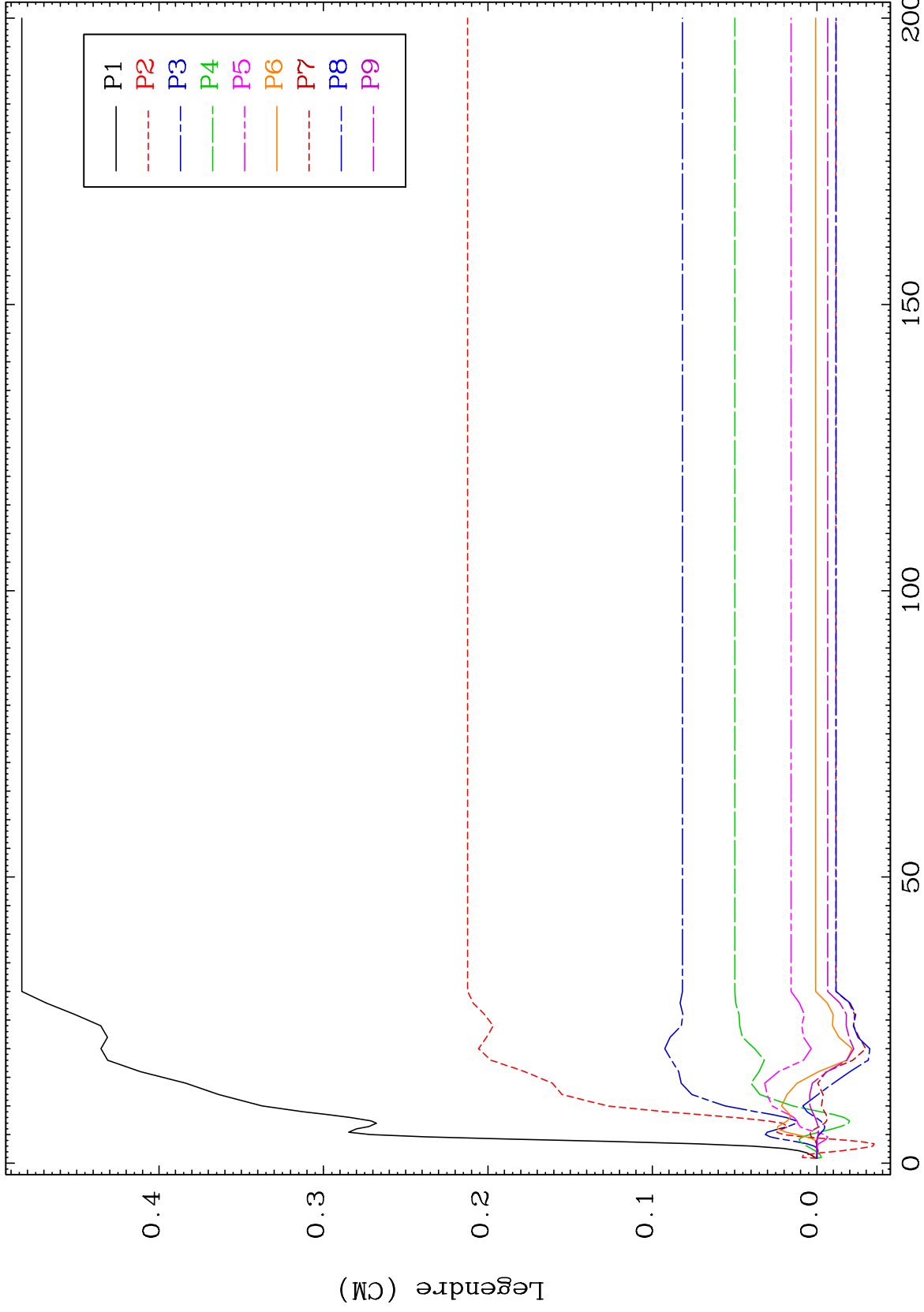
65-Tb-167



MAT 6549

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

65-Tb-167



119

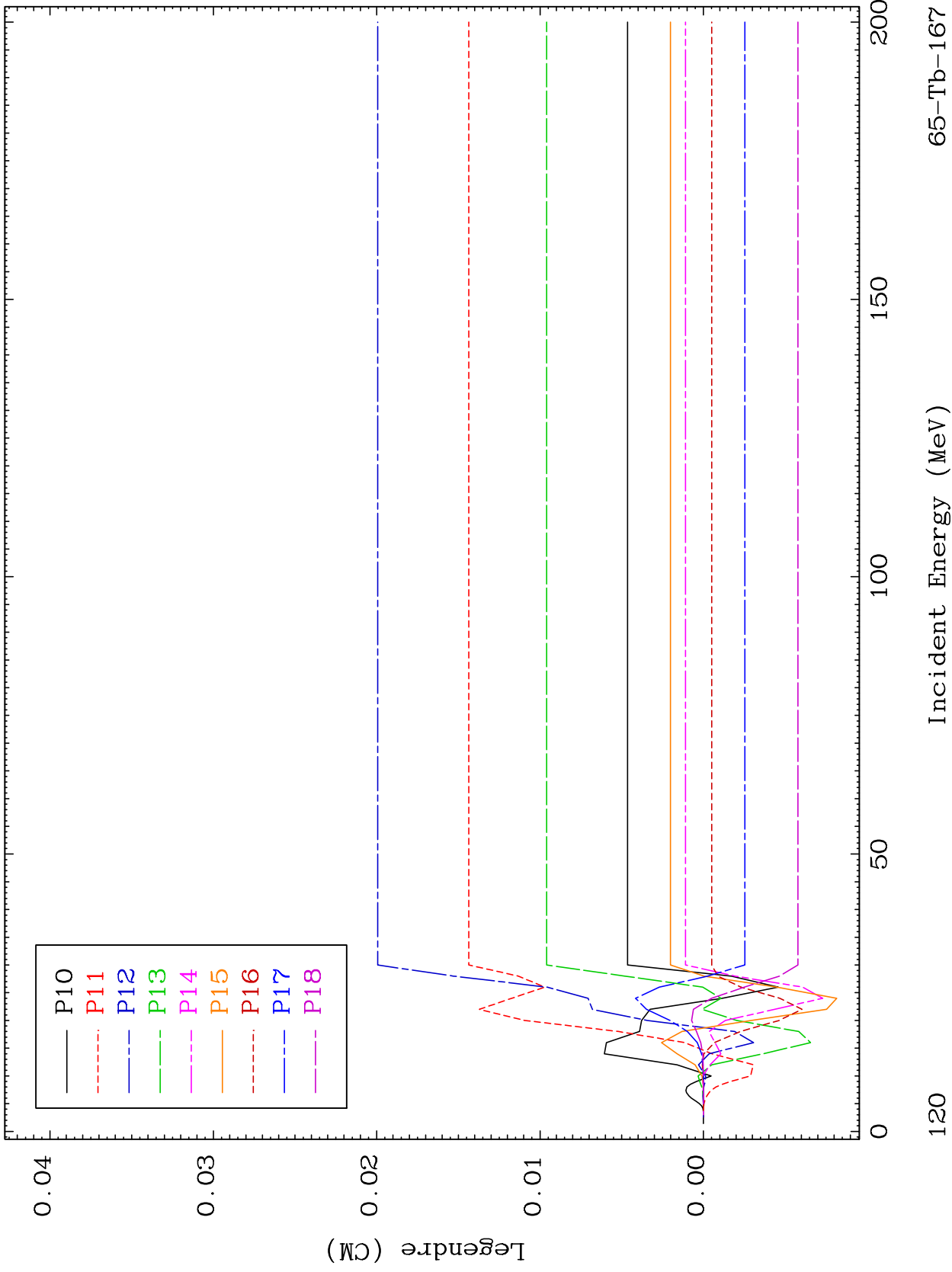
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

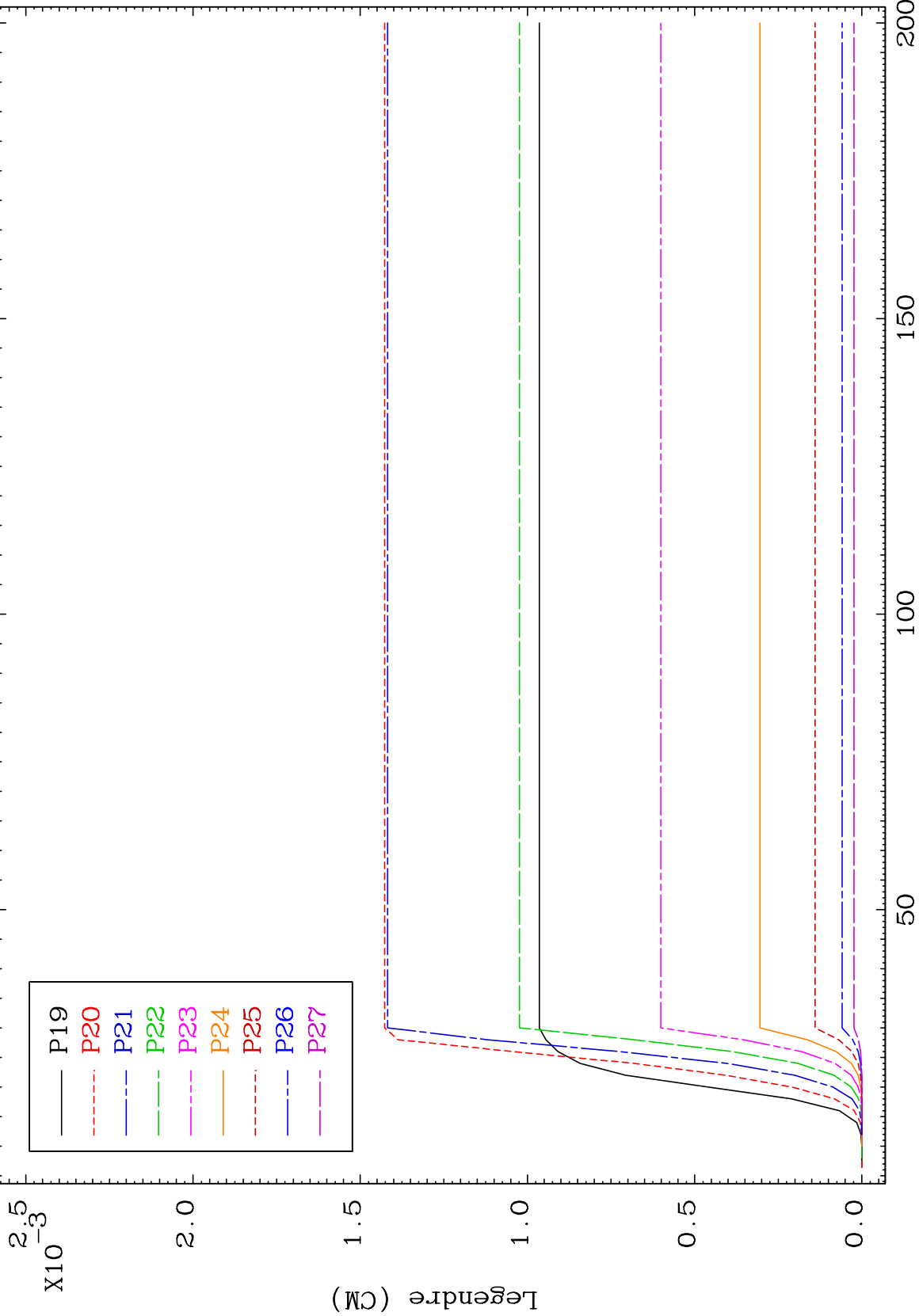
Incident Energy (MeV)

120

MAT 6549

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

65-Tb-167



121

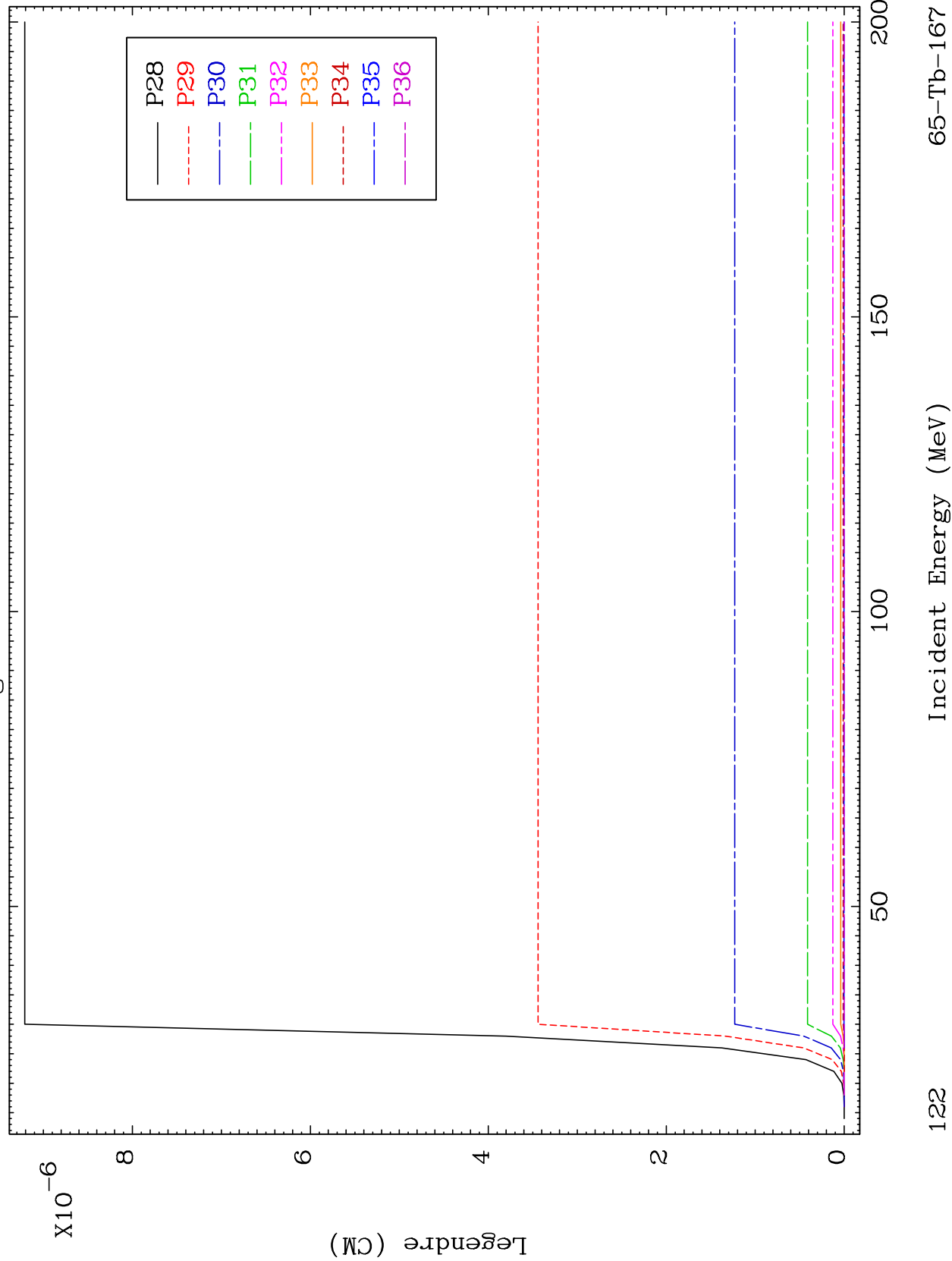
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



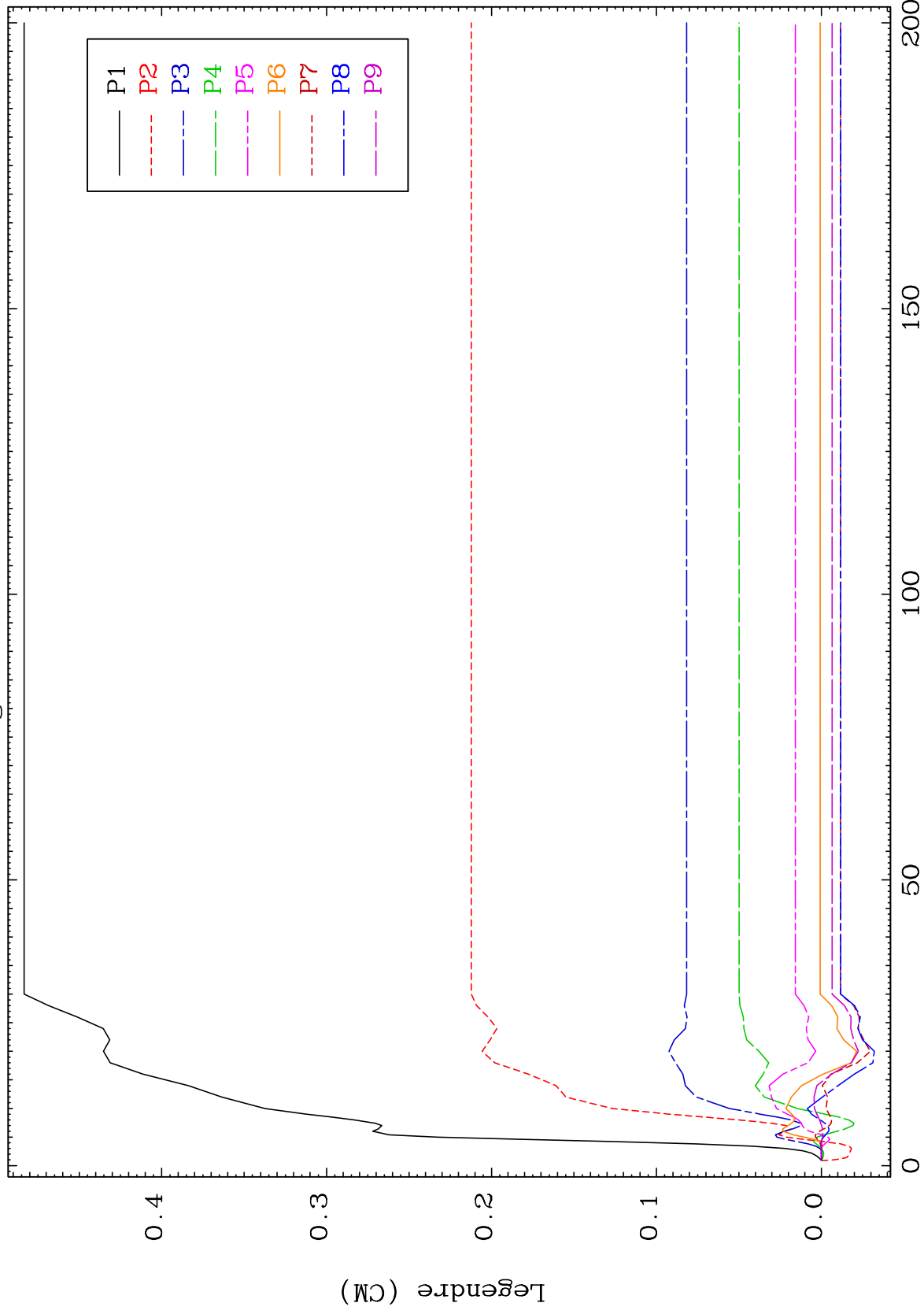
122

65-Tb-167

MAT 6549

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

65-Tb-167



65-Tb-167

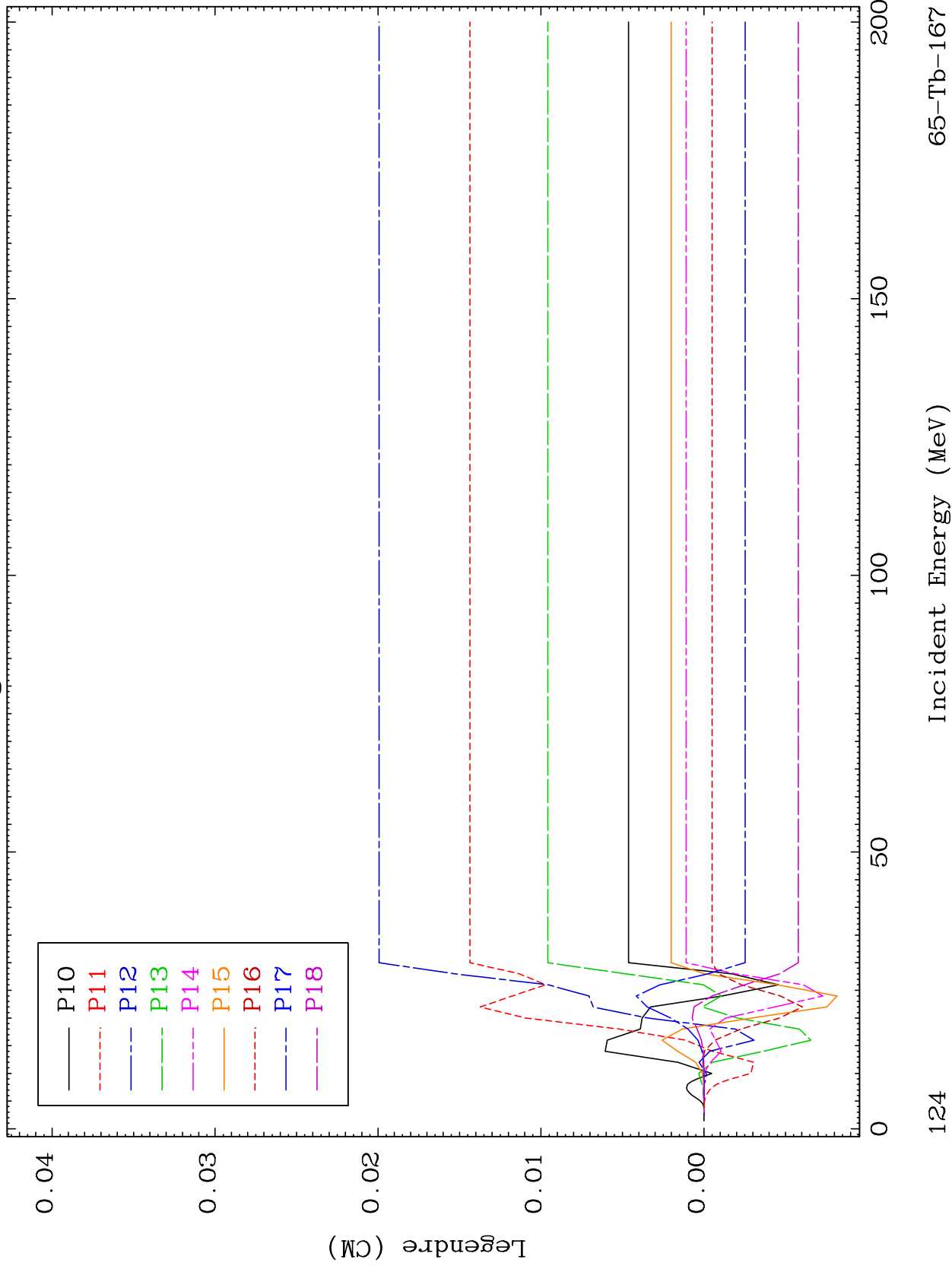
Incident Energy (MeV)

123

MAT 6549

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

65-Tb-167



124

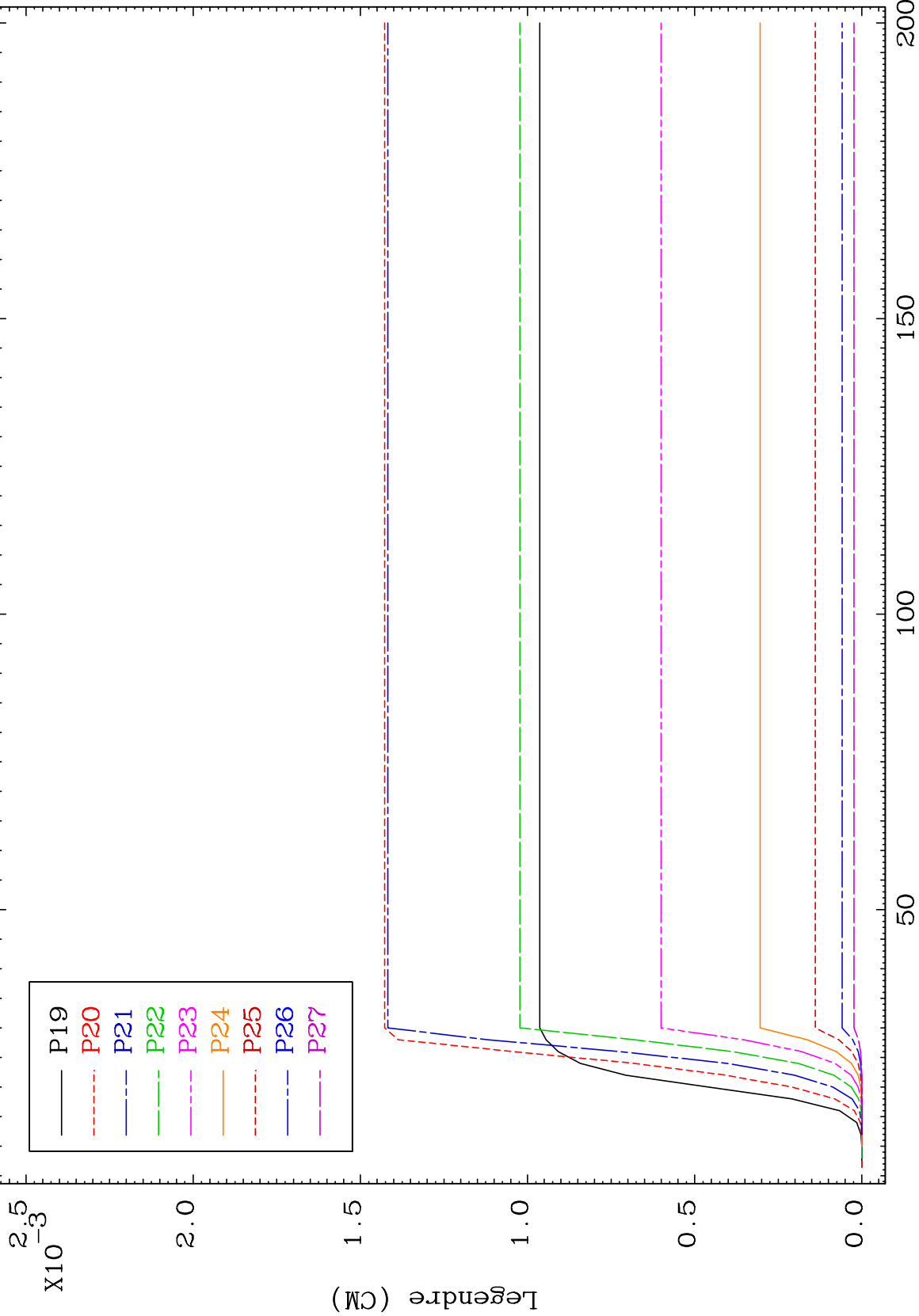
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



125

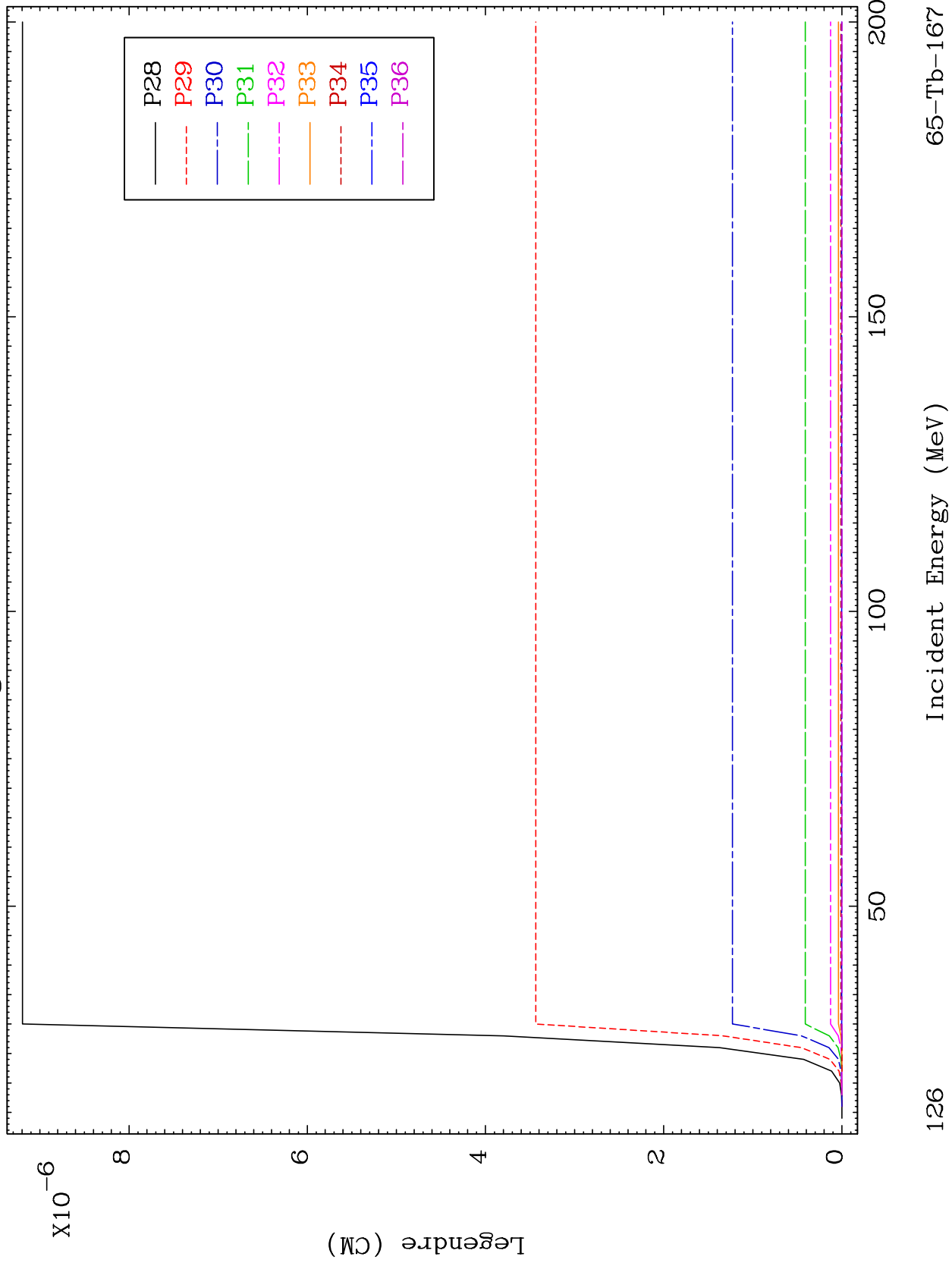
Incident Energy (MeV)

65-Tb-167

MAT 6549

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

65-Tb-167



126

Incident Energy (MeV)

65-Tb-167