

Program EVALPLOT
(Version 2021-1)

by

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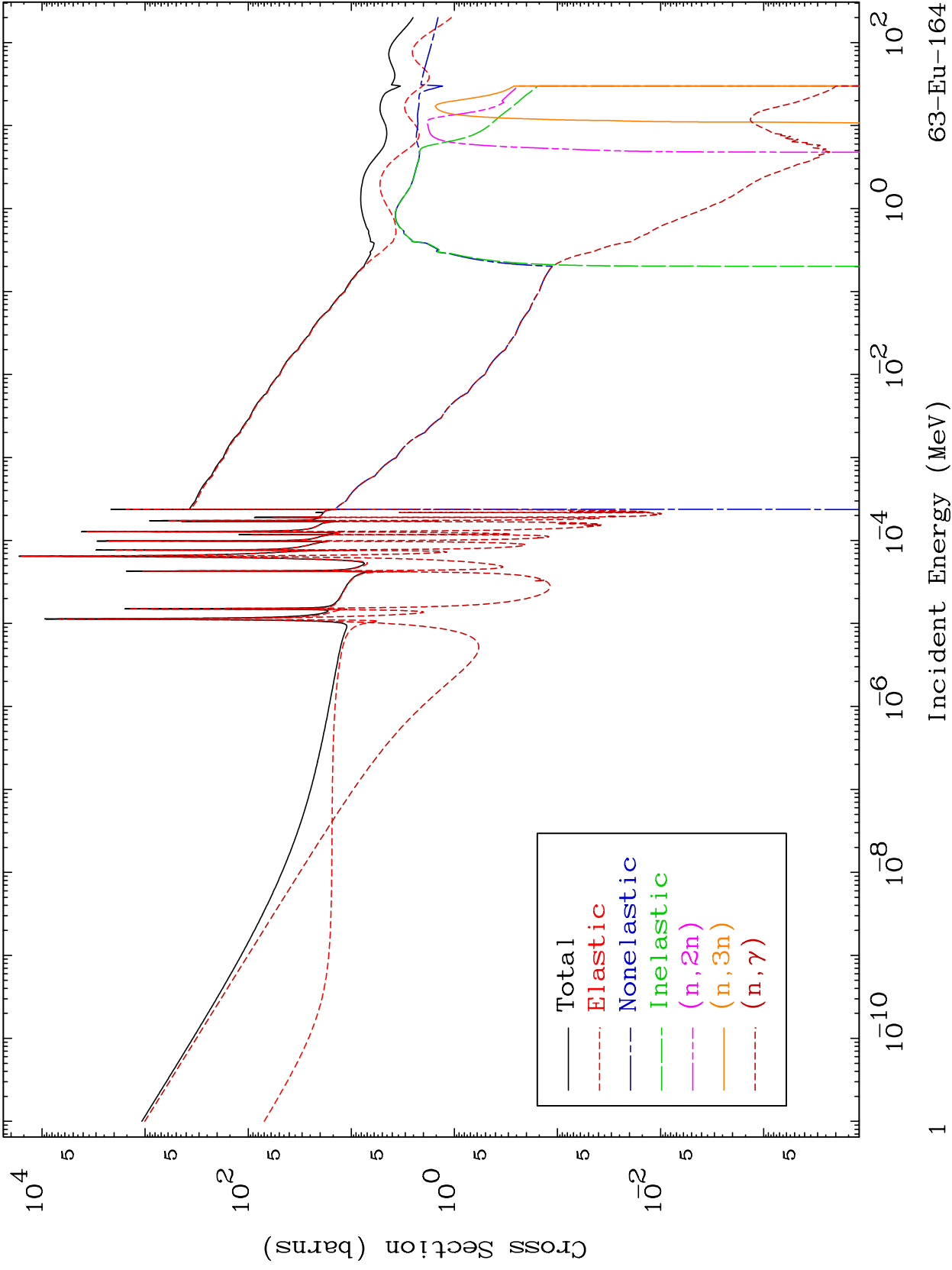
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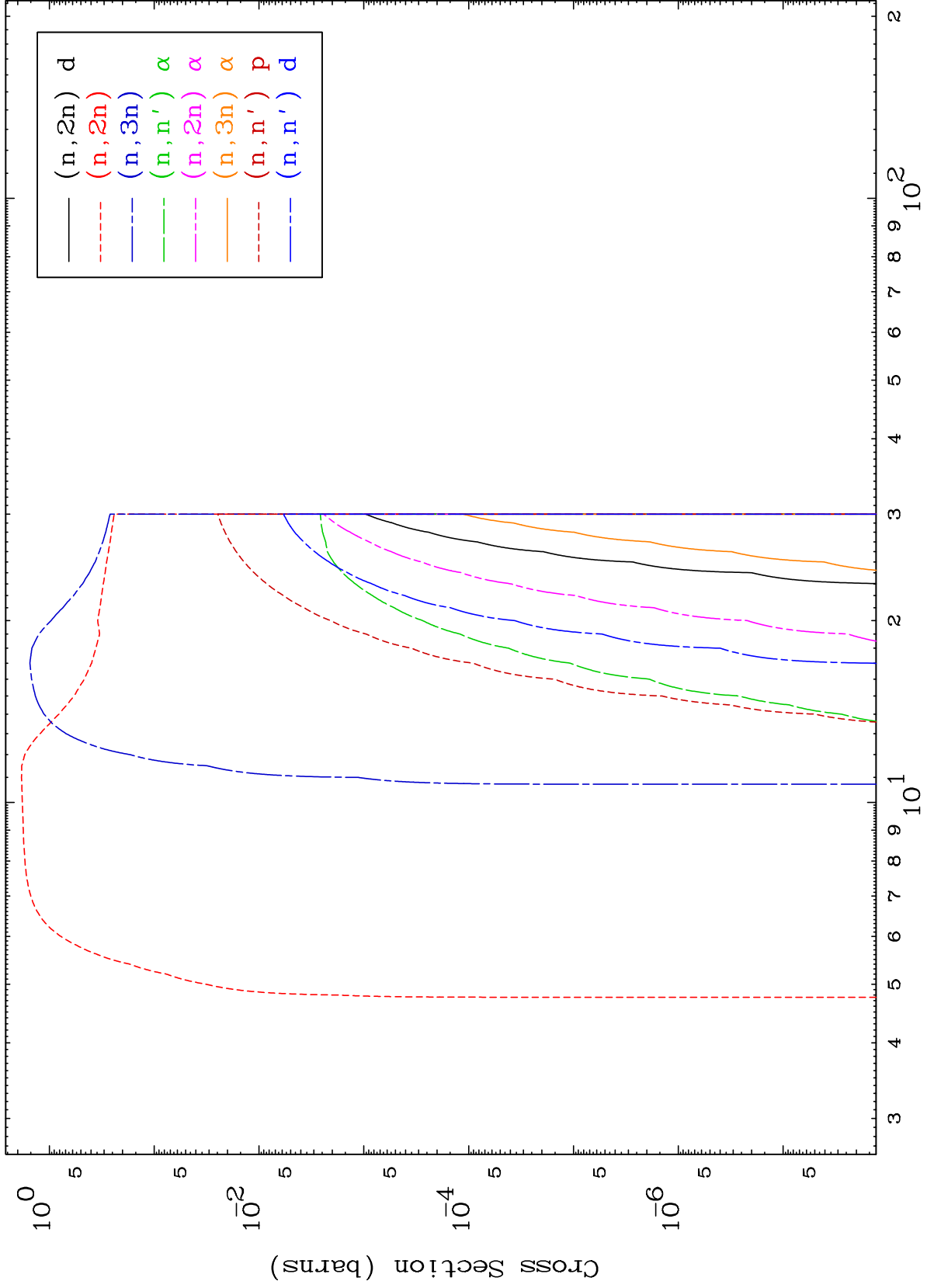
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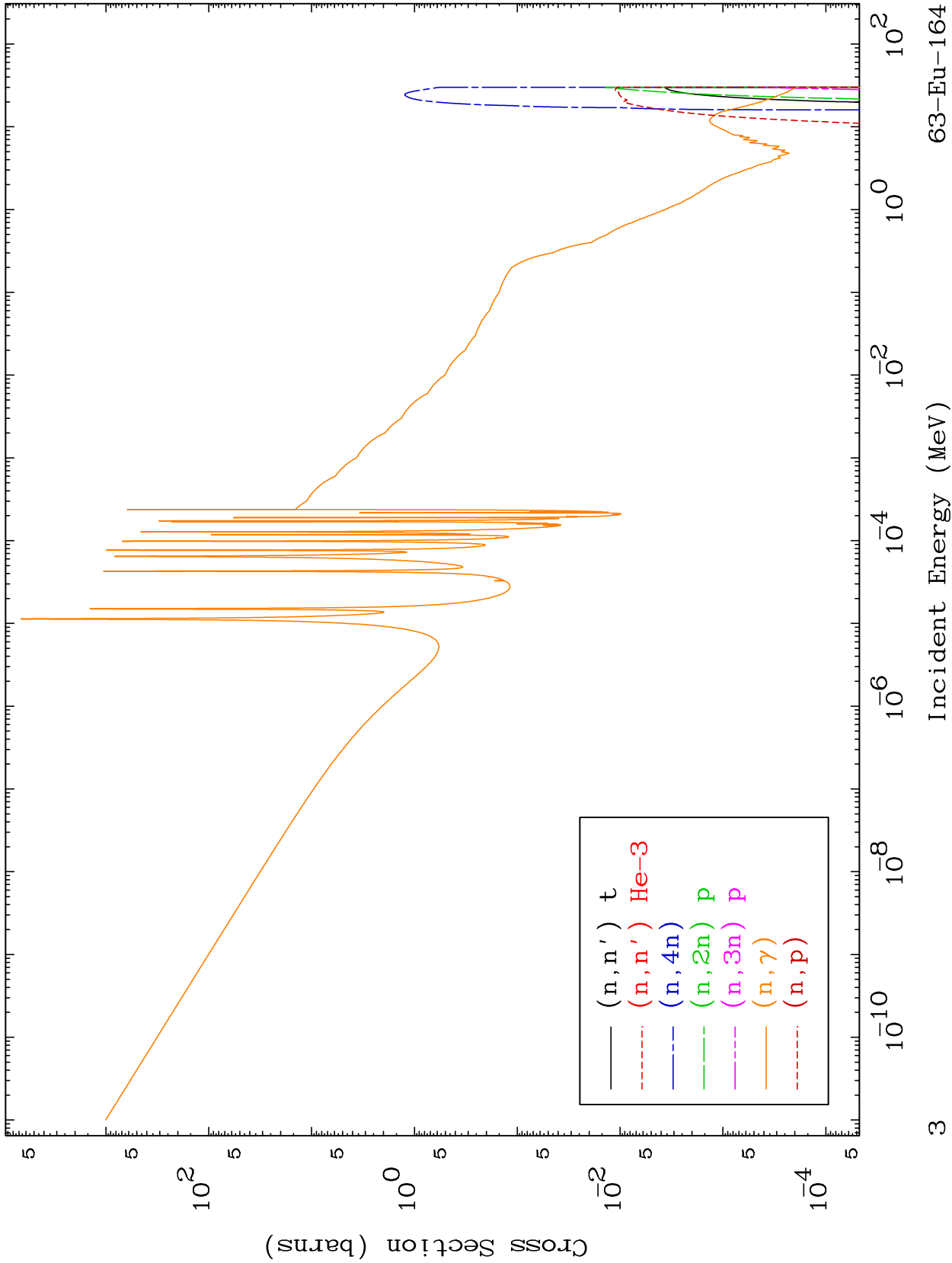
MAT 6364

Neutron Major
293 Kelvin Cross Sections

63-Eu-164



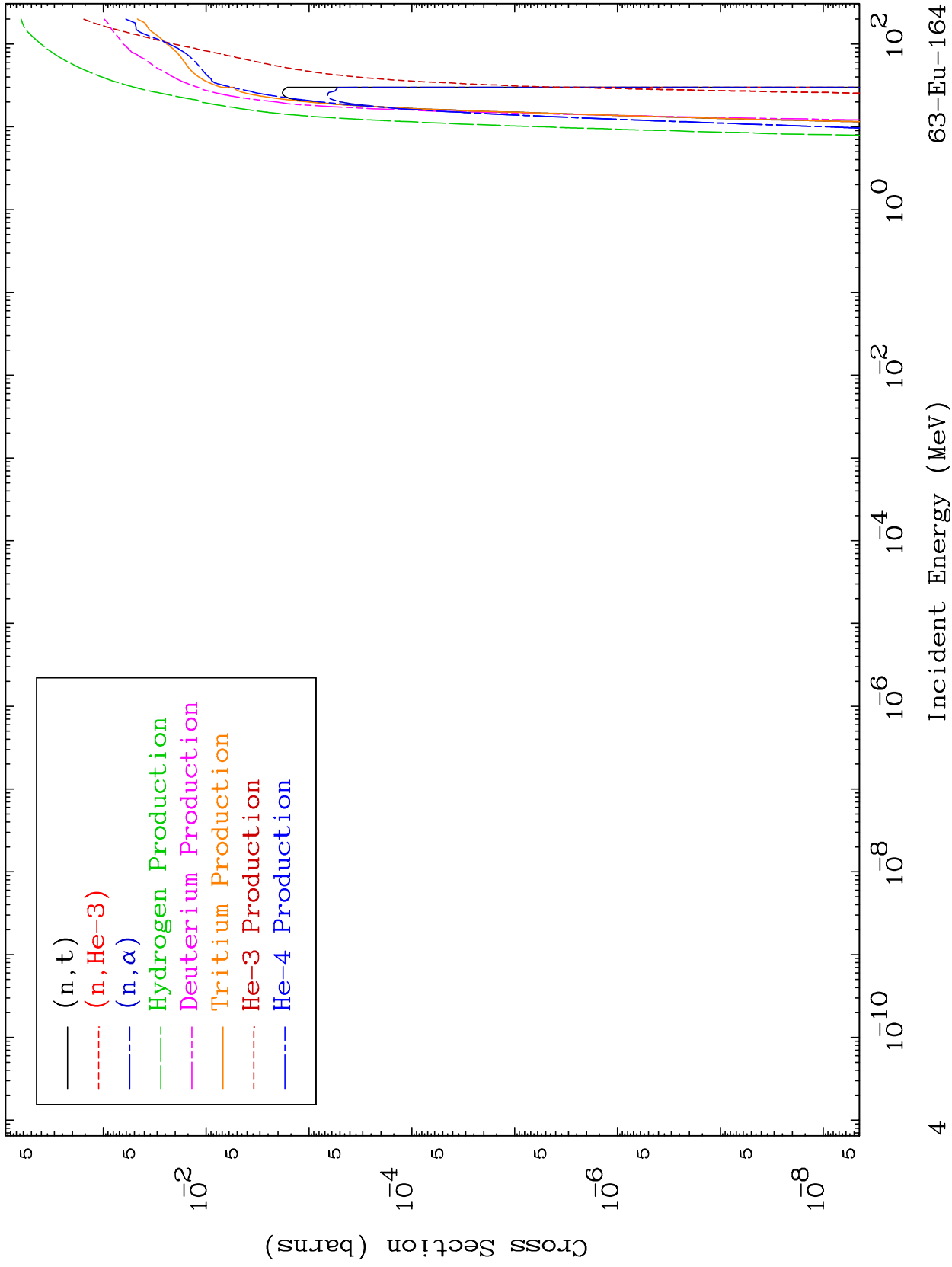


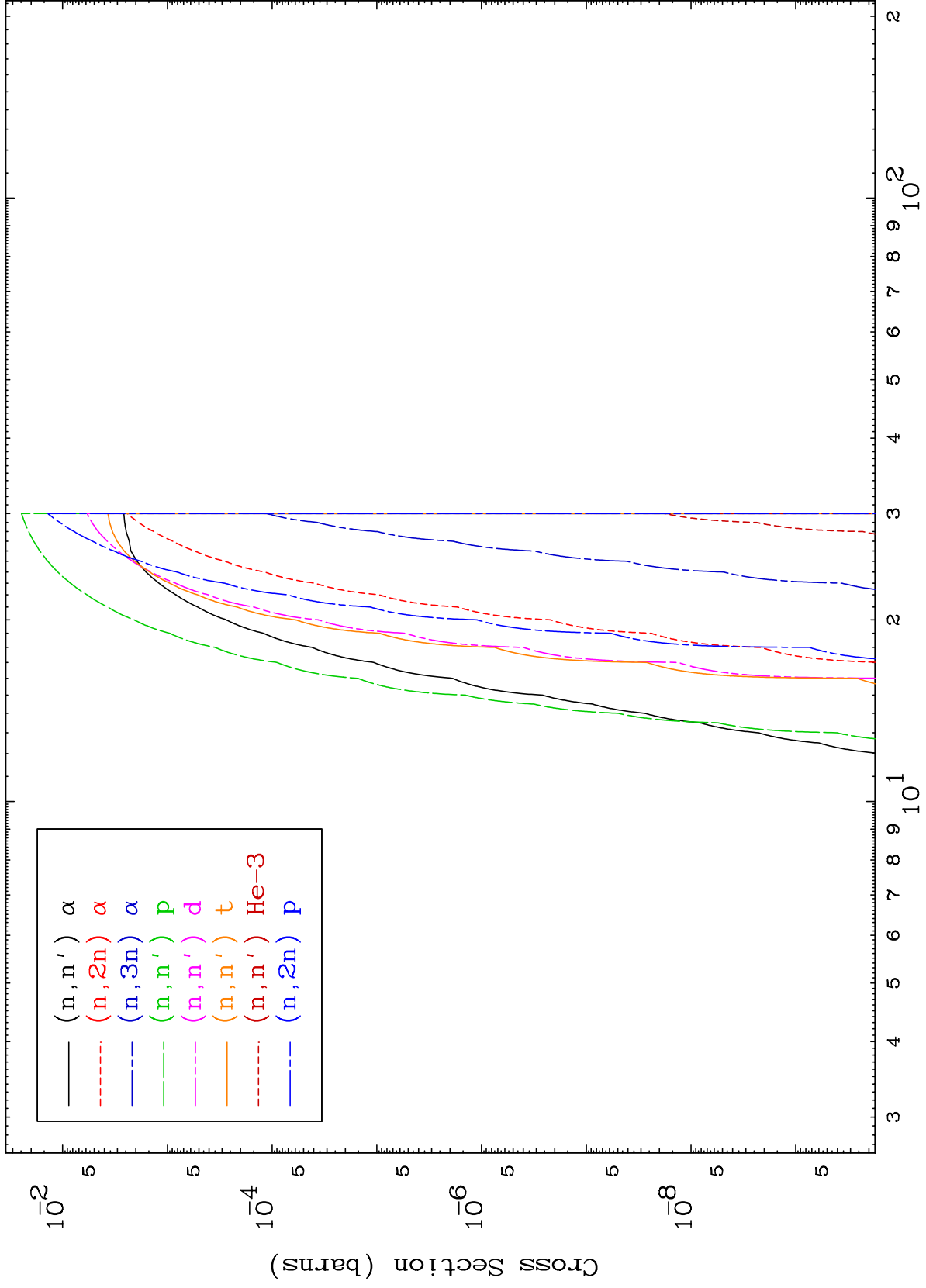


MAT 6364

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-164

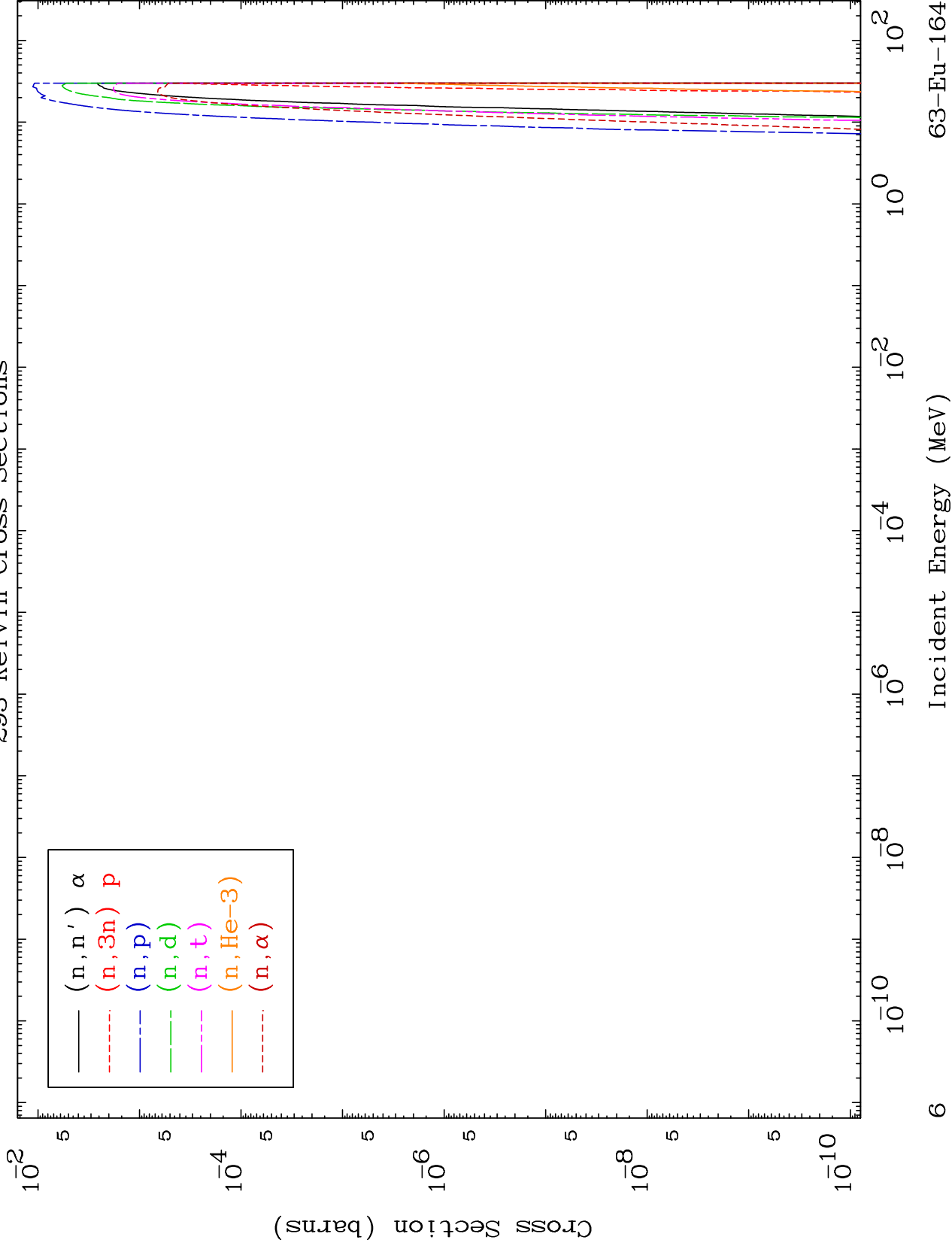




MAT 6364

Charged Particle
293 Kelvin Cross Sections

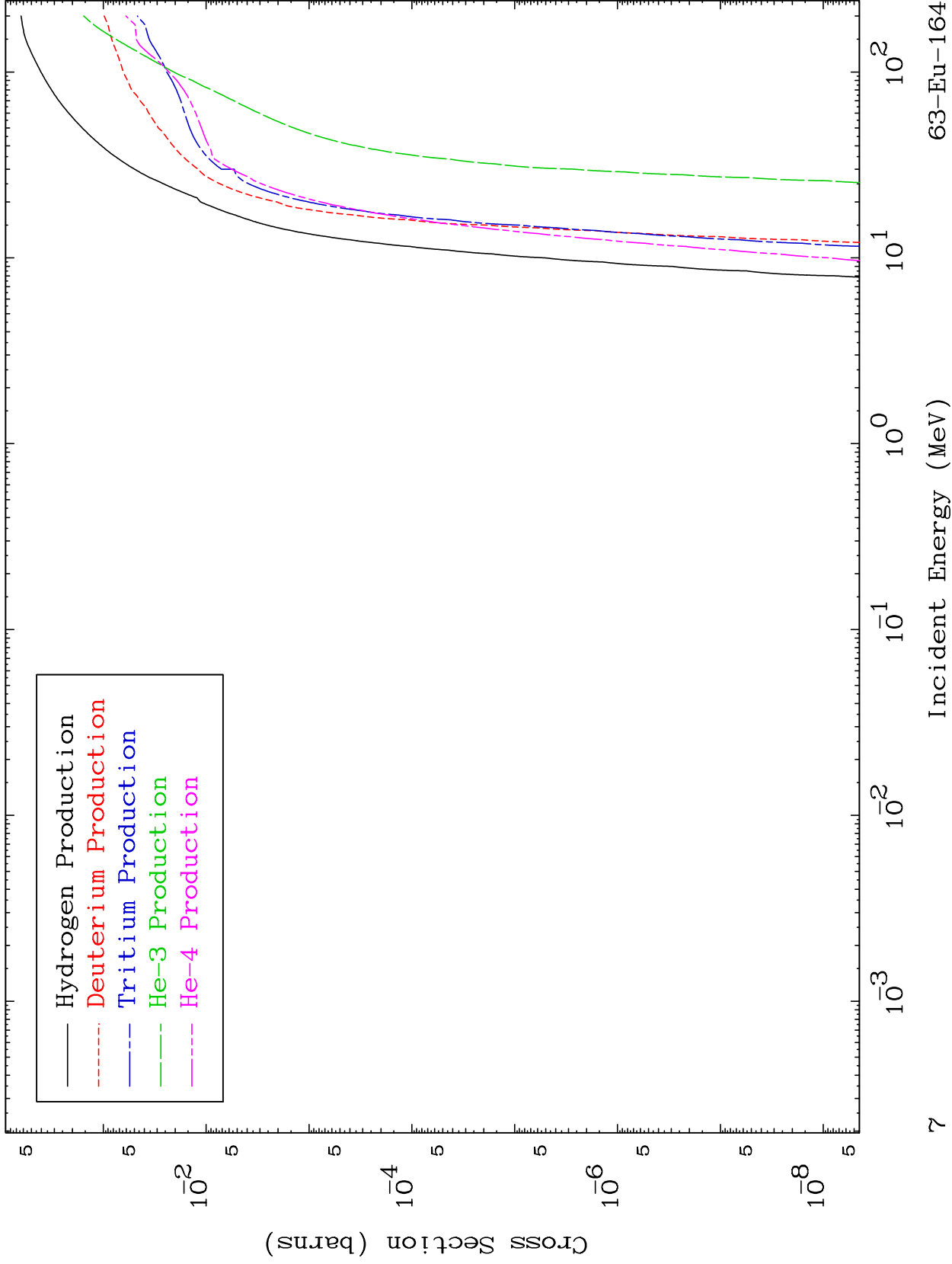
63-Eu-164



MAT 6364

Particle Production
293 Kelvin Cross Sections

63-Eu-164

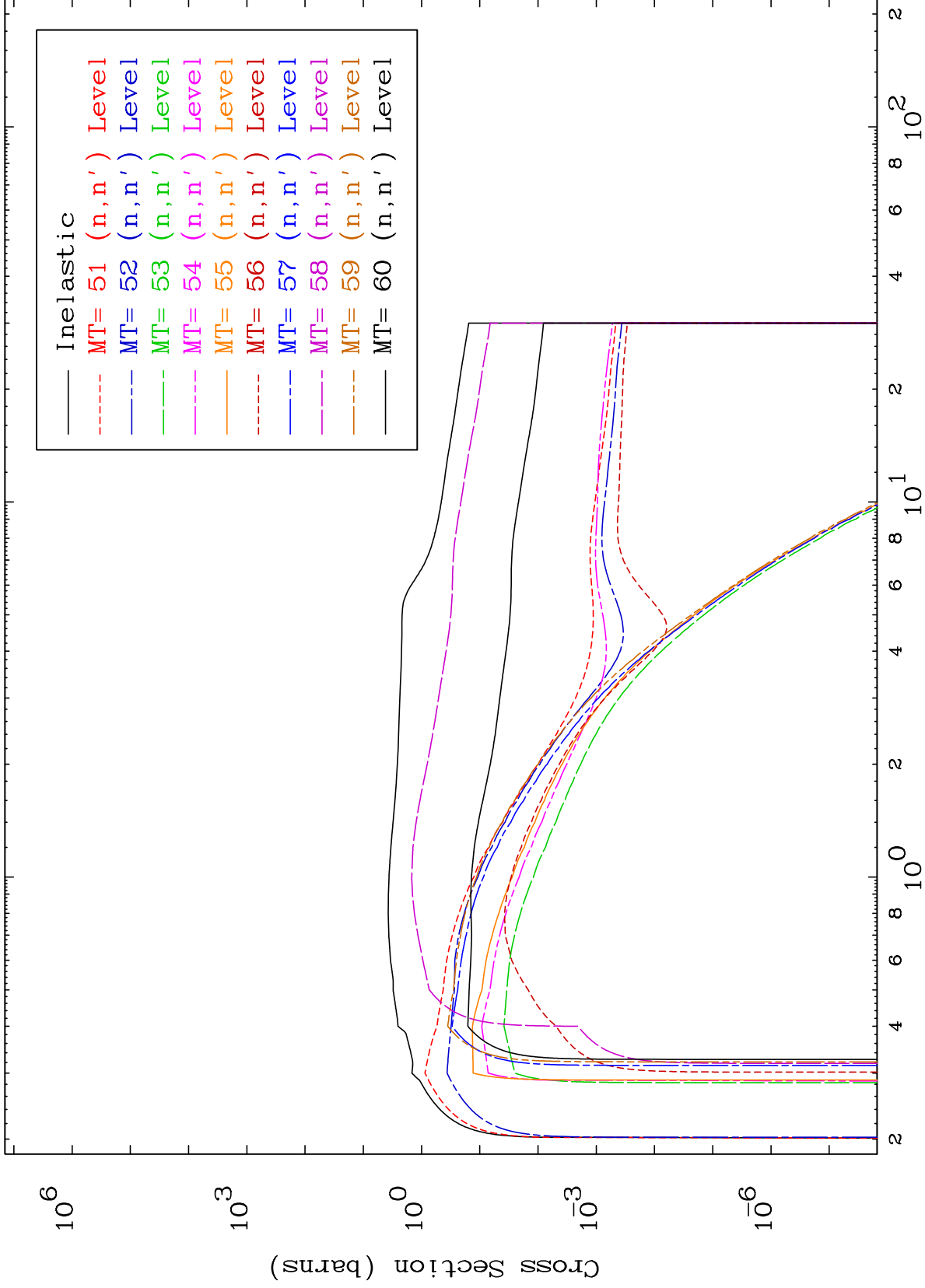


MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections



8

Incident Energy (MeV)

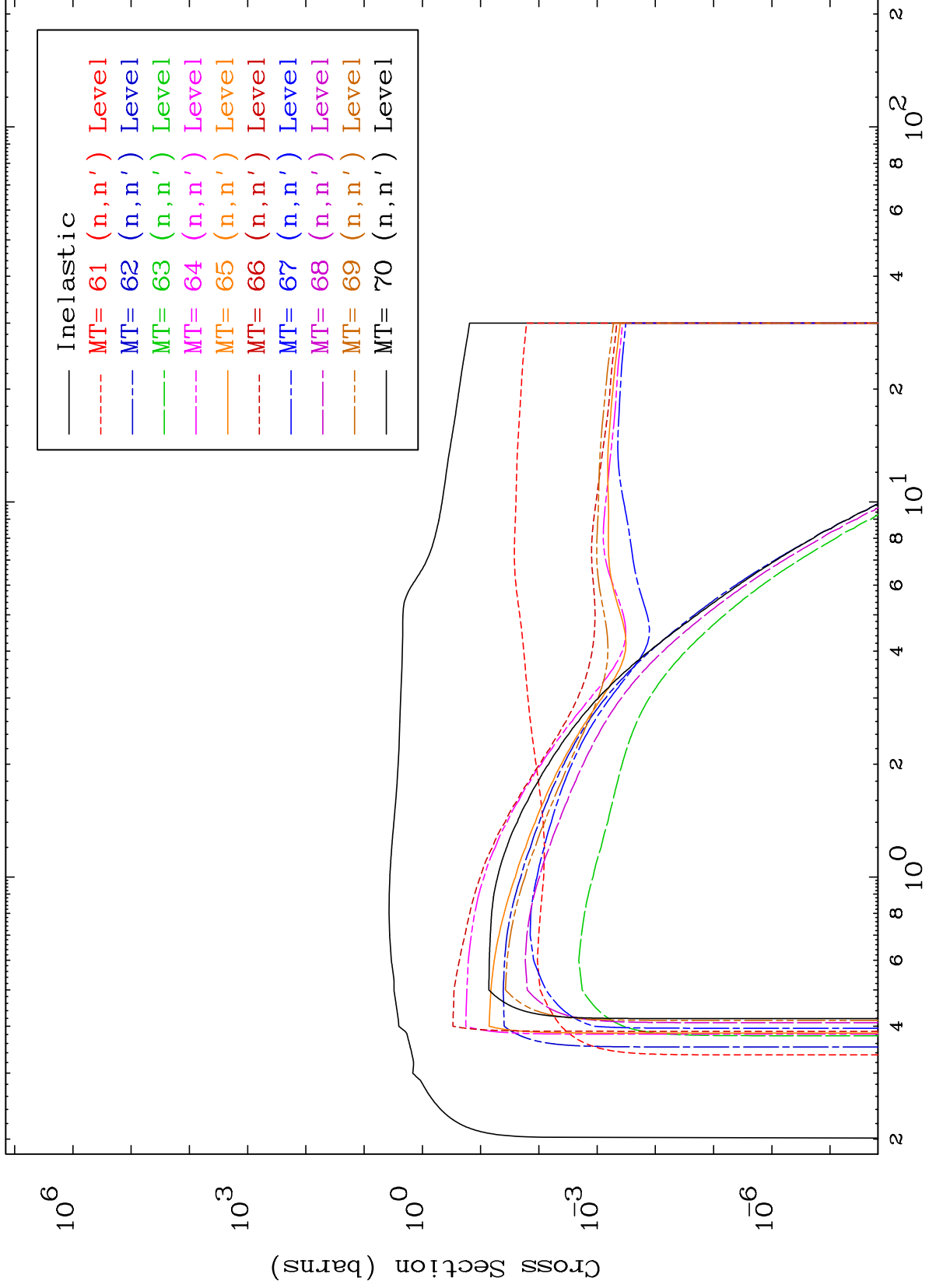
63-Eu-164

MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections

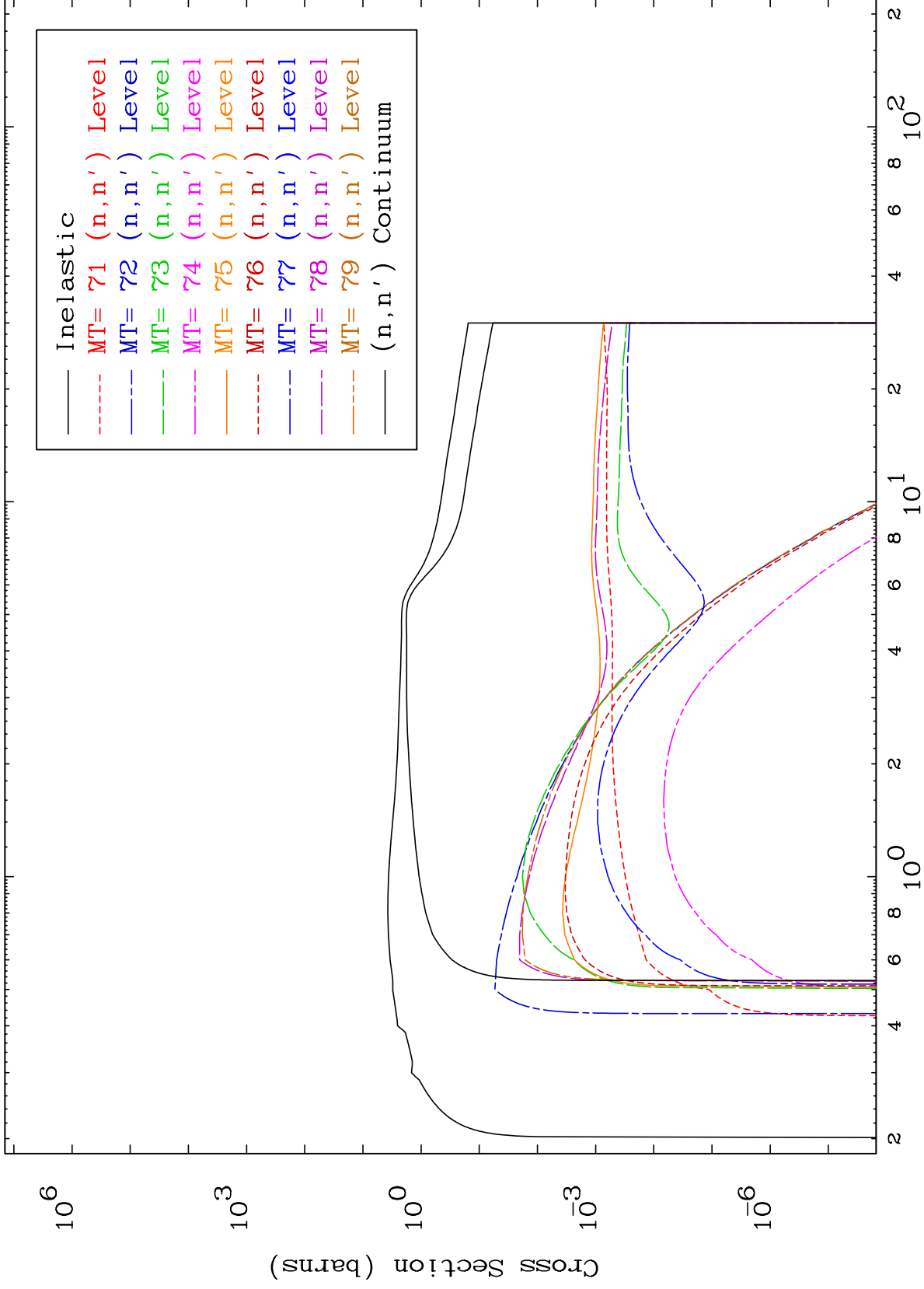


MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections



10

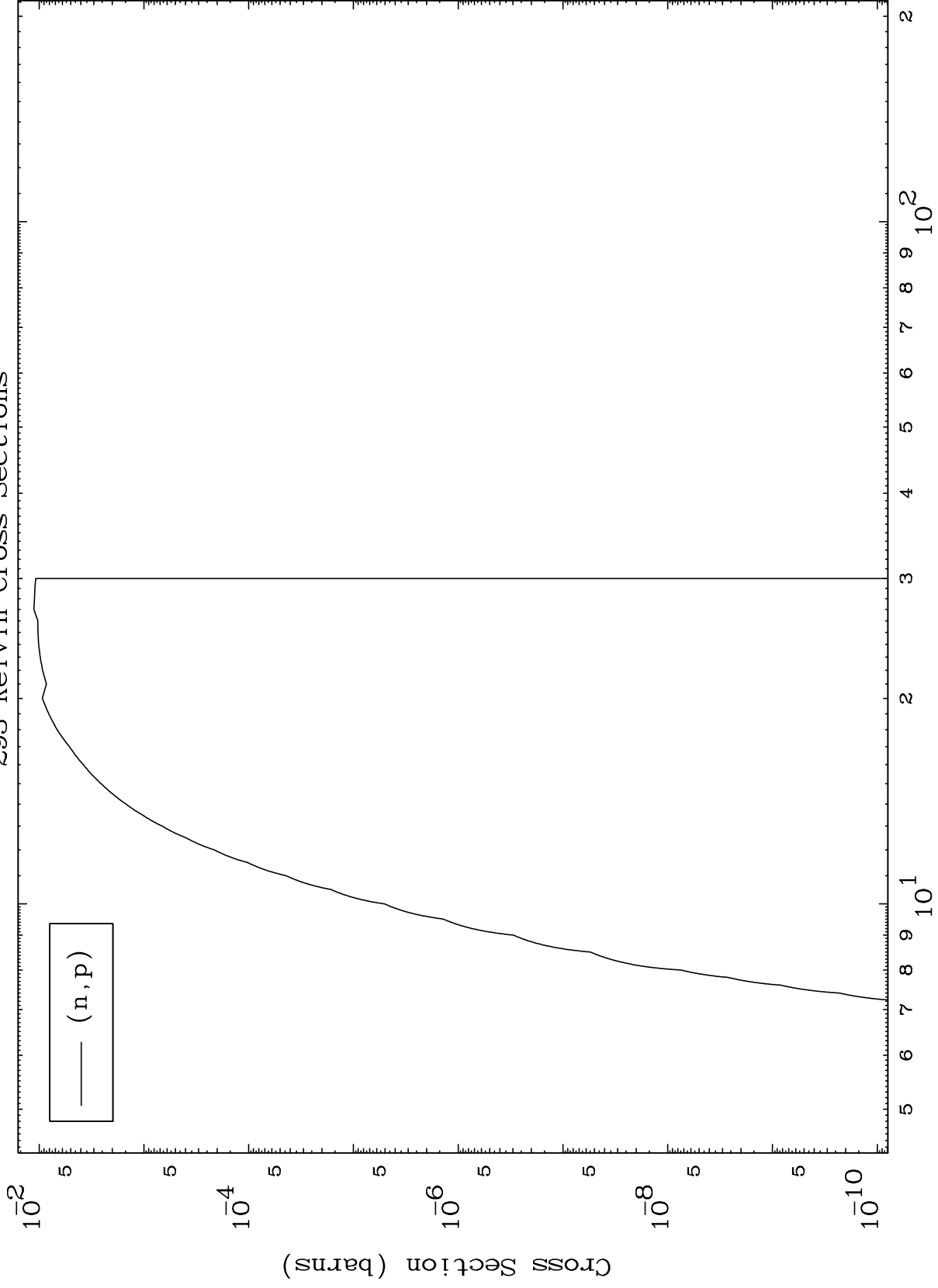
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n,p) Levels
293 Kelvin Cross Sections

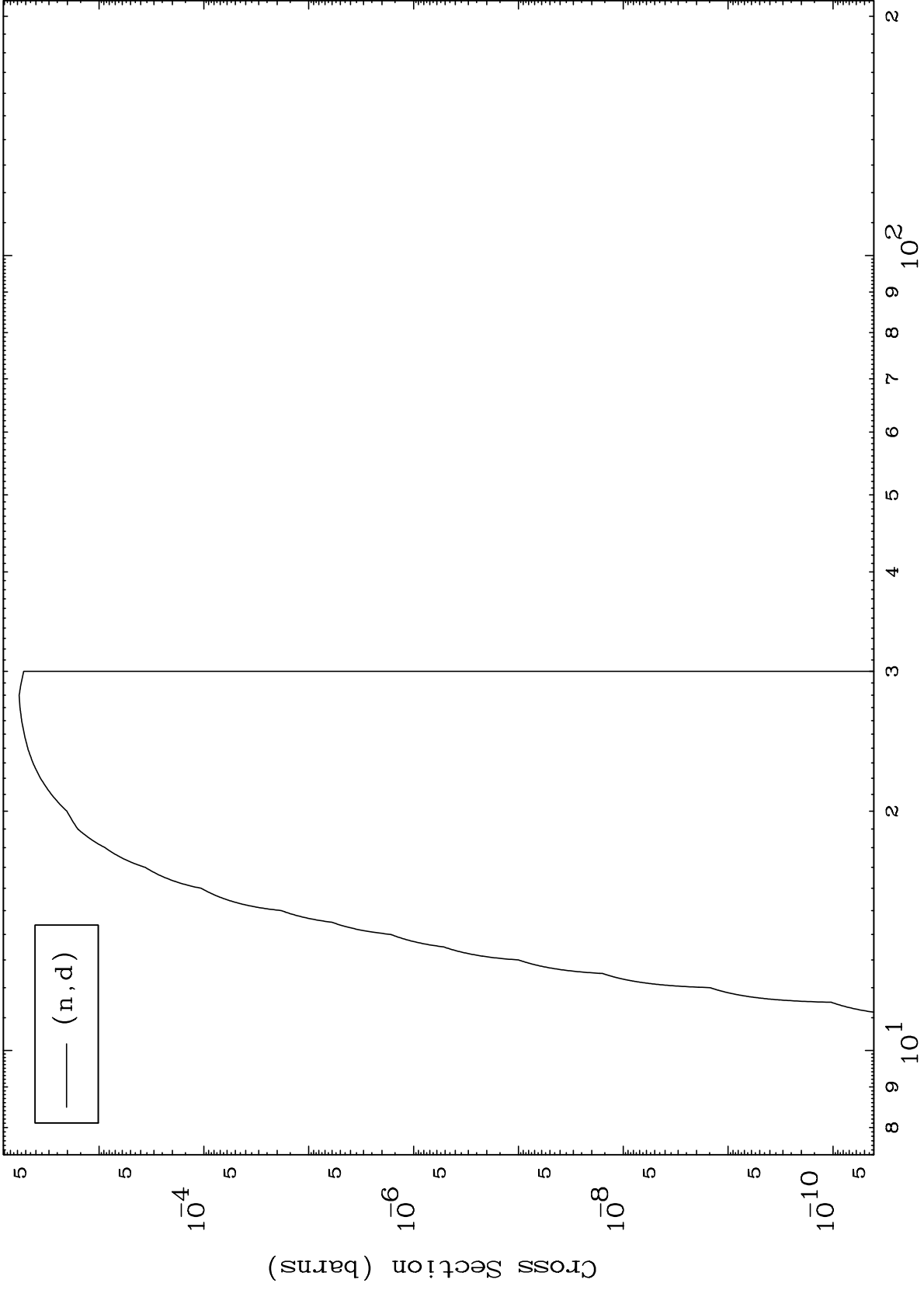
63-Eu-164



MAT 6364

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-164



12

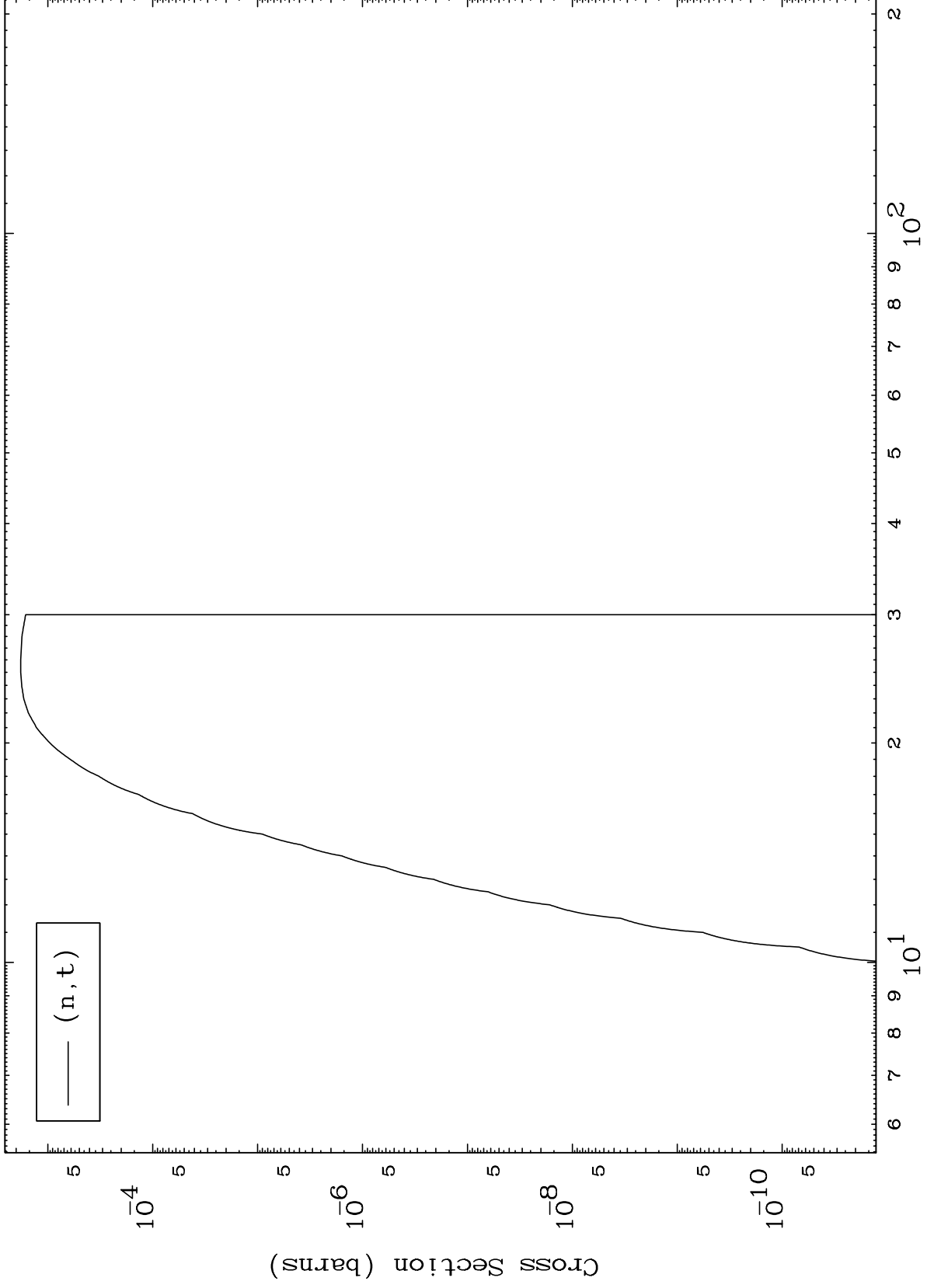
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n, t) Levels
293 Kelvin Cross Sections

63-Eu-164



13

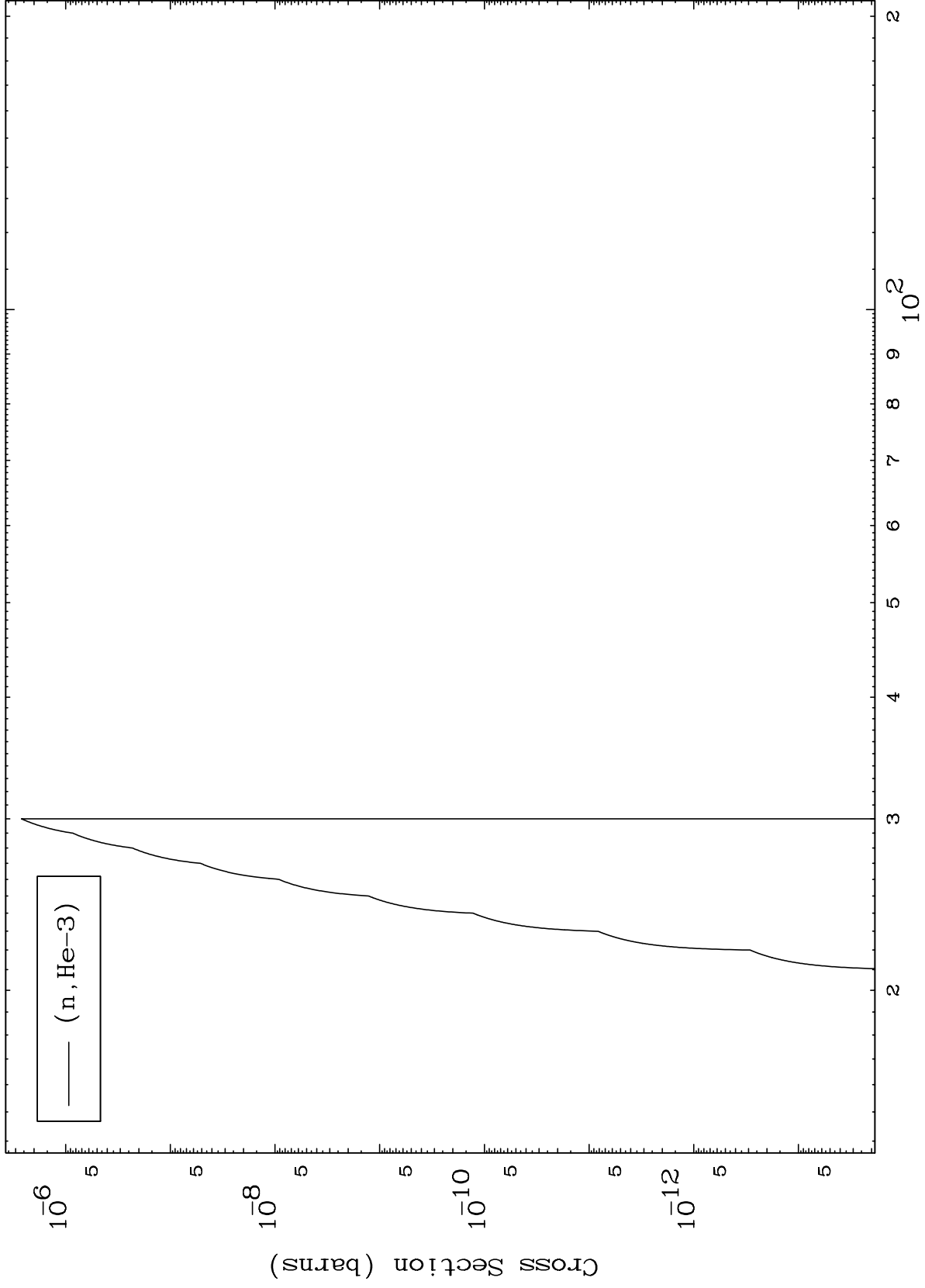
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-164



14

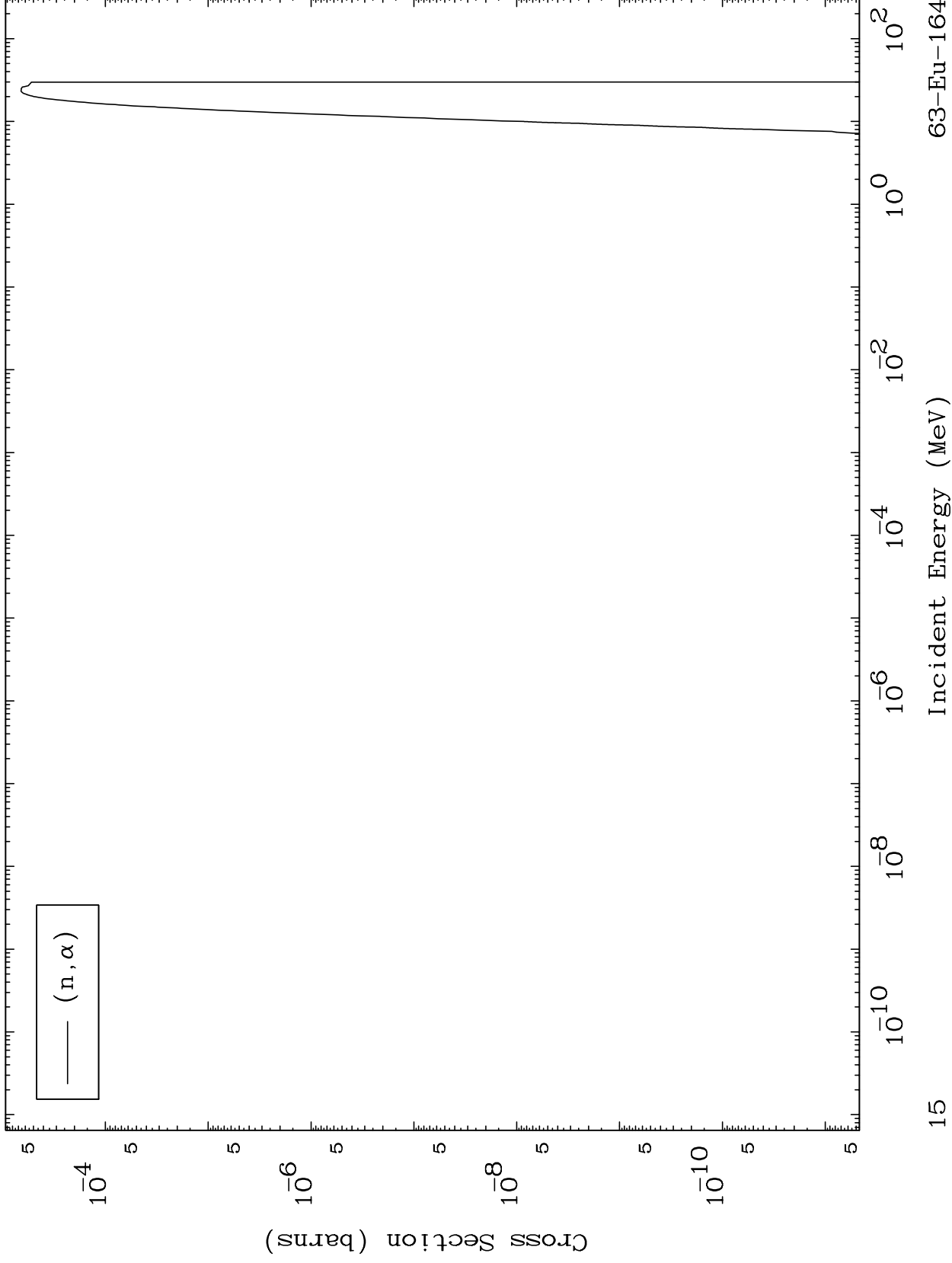
Incident Energy (MeV)

63-Eu-164

MAT 6364

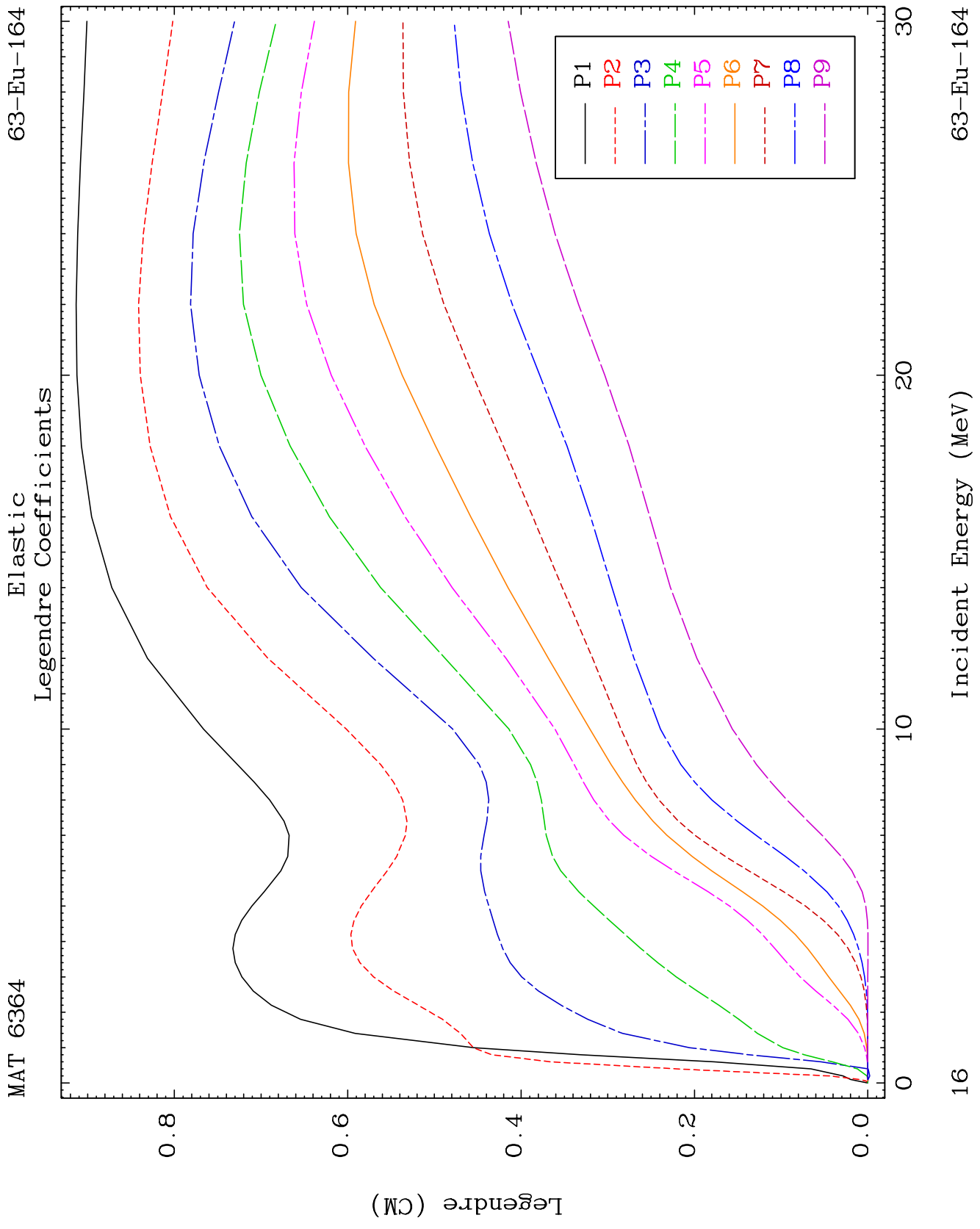
(n, α) Levels
293 Kelvin Cross Sections

63-Eu-164



15

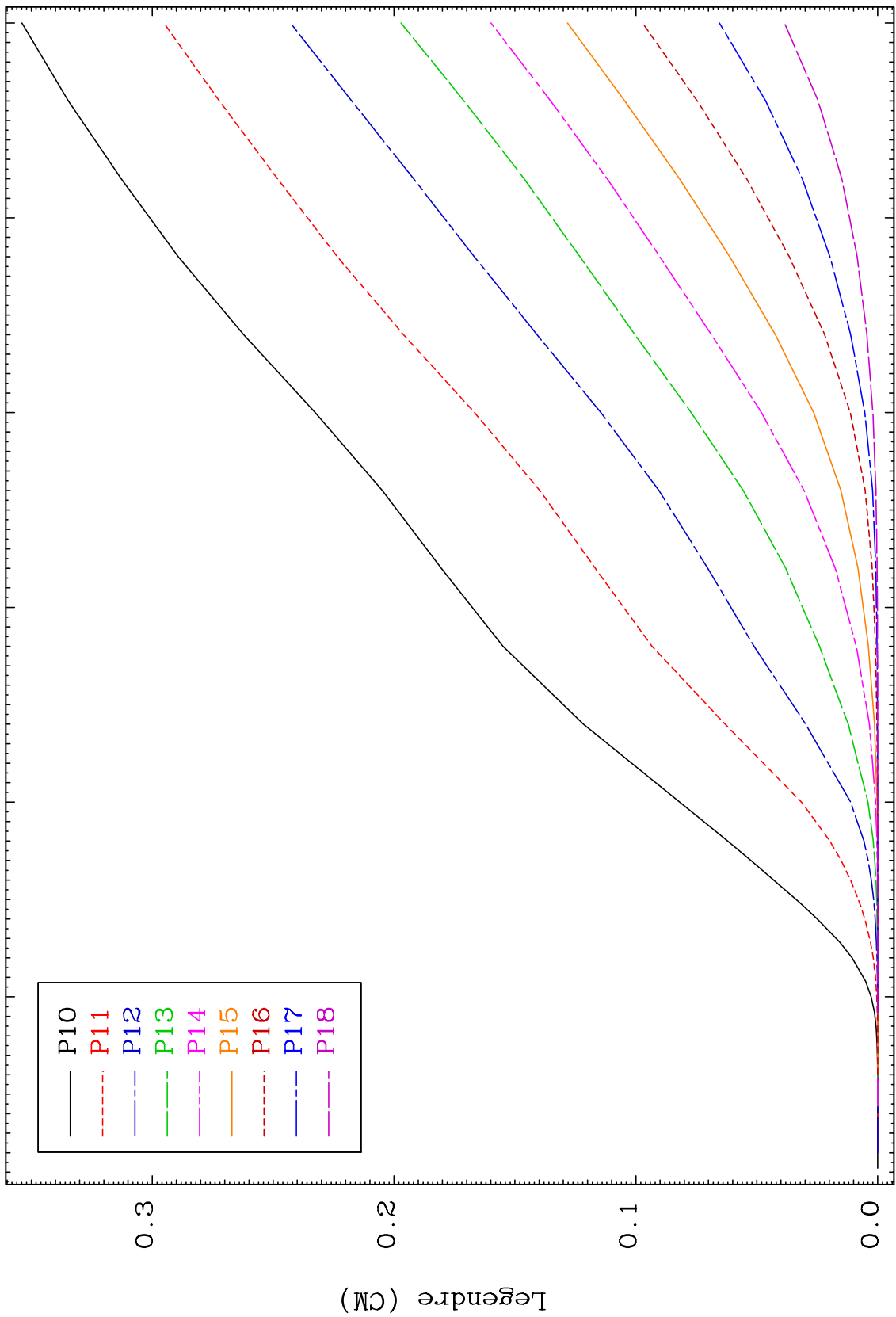
63-Eu-164



MAT 6364

Elastic Legendre Coefficients

63-Eu-164



17

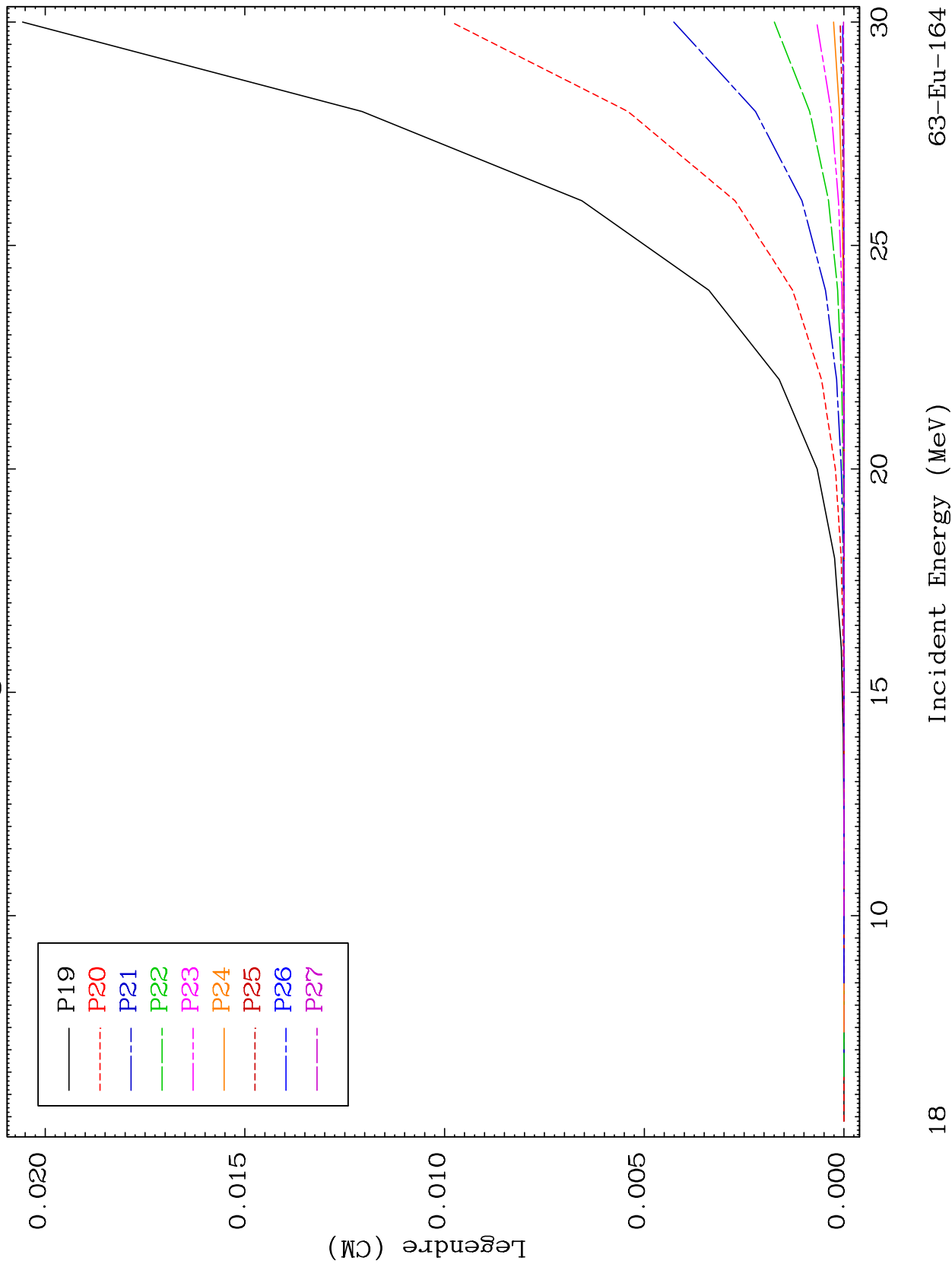
Incident Energy (MeV)

63-Eu-164

MAT 6364

Elastic Legendre Coefficients

⁶³-Eu-164



18

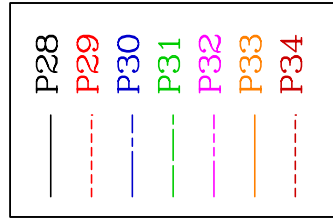
Incident Energy (MeV)

⁶³-Eu-164

MAT 6364

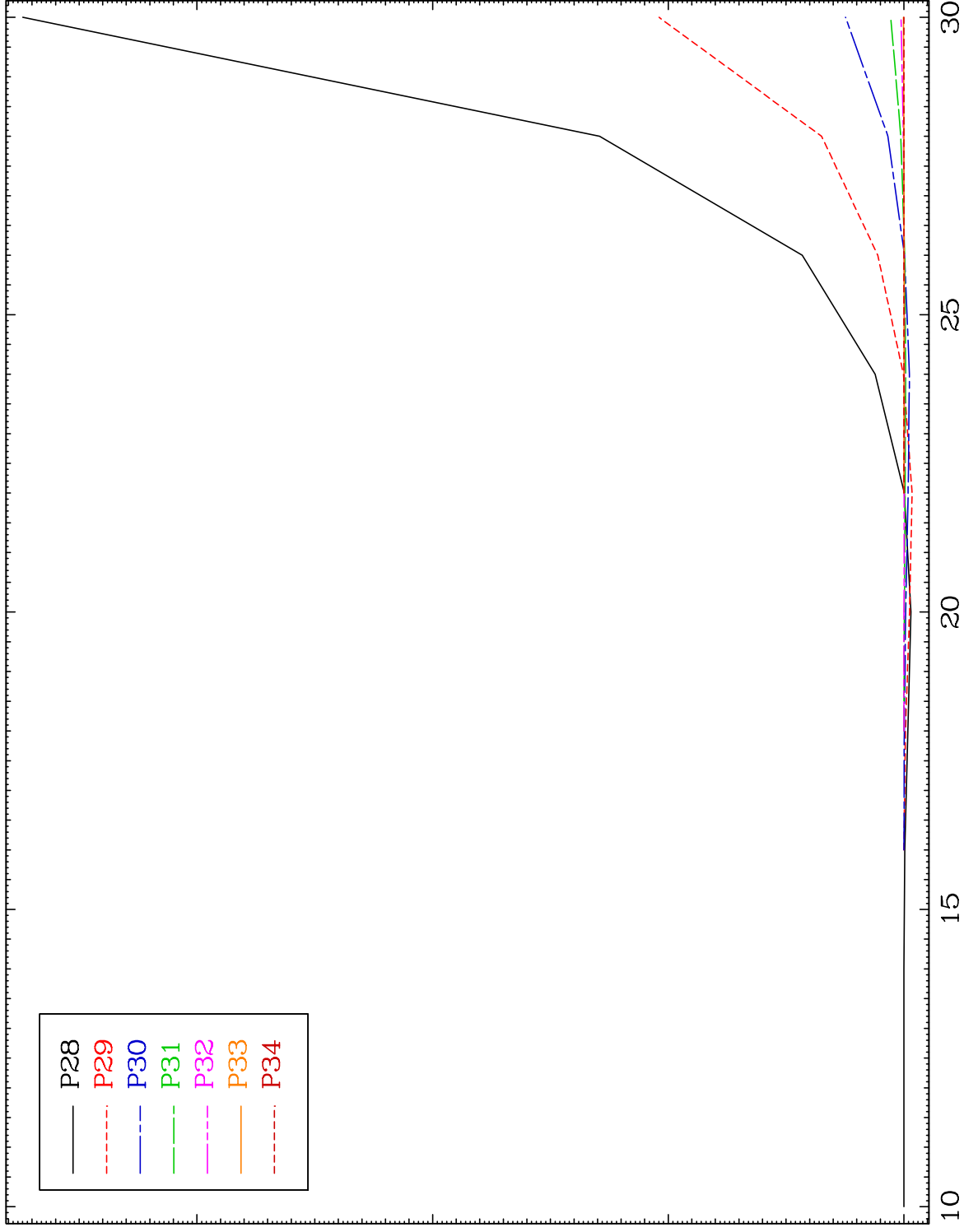
Elastic
Legendre Coefficients

63-Eu-164



$\times 10^{-6}$

Legendre (CM)



10

15

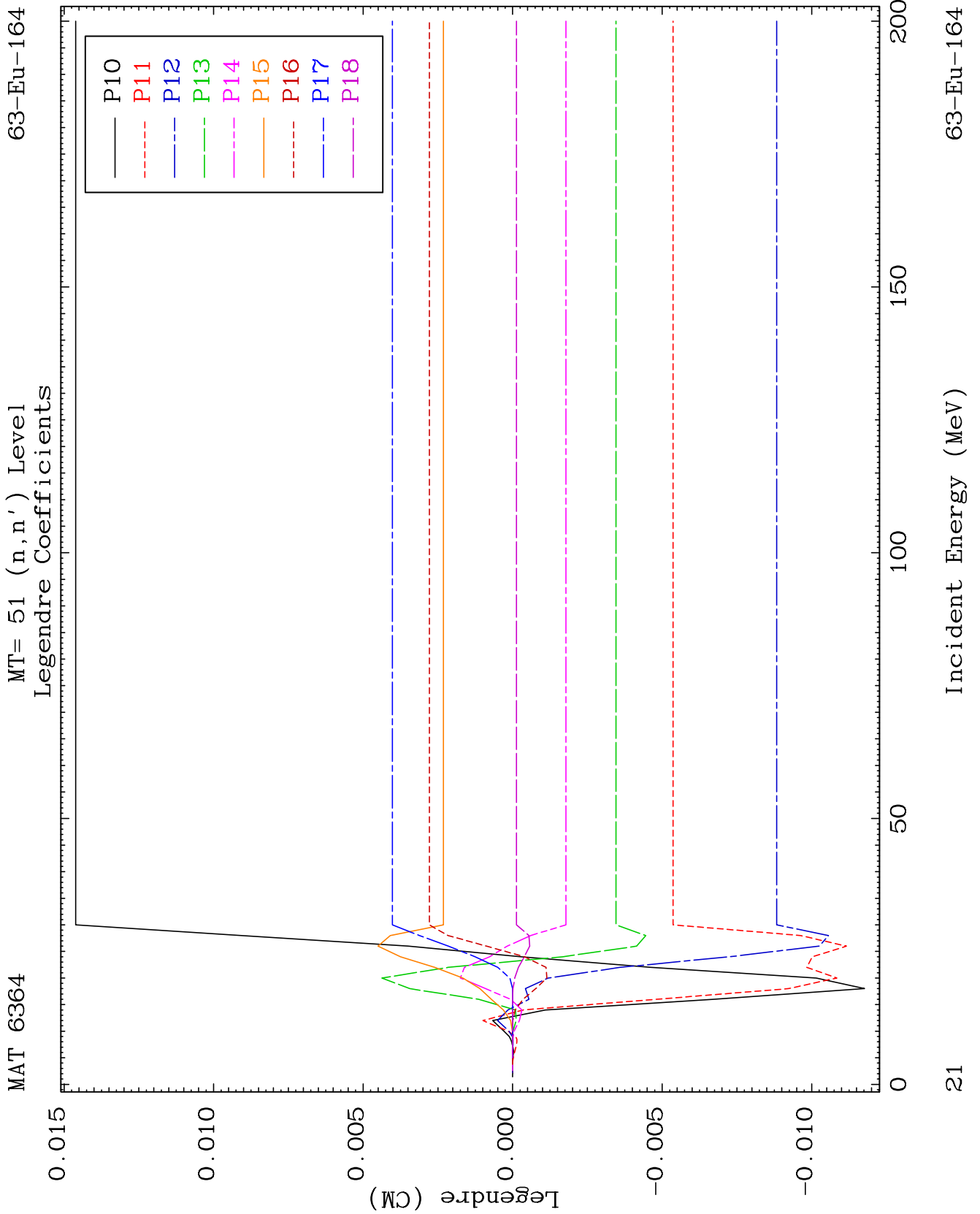
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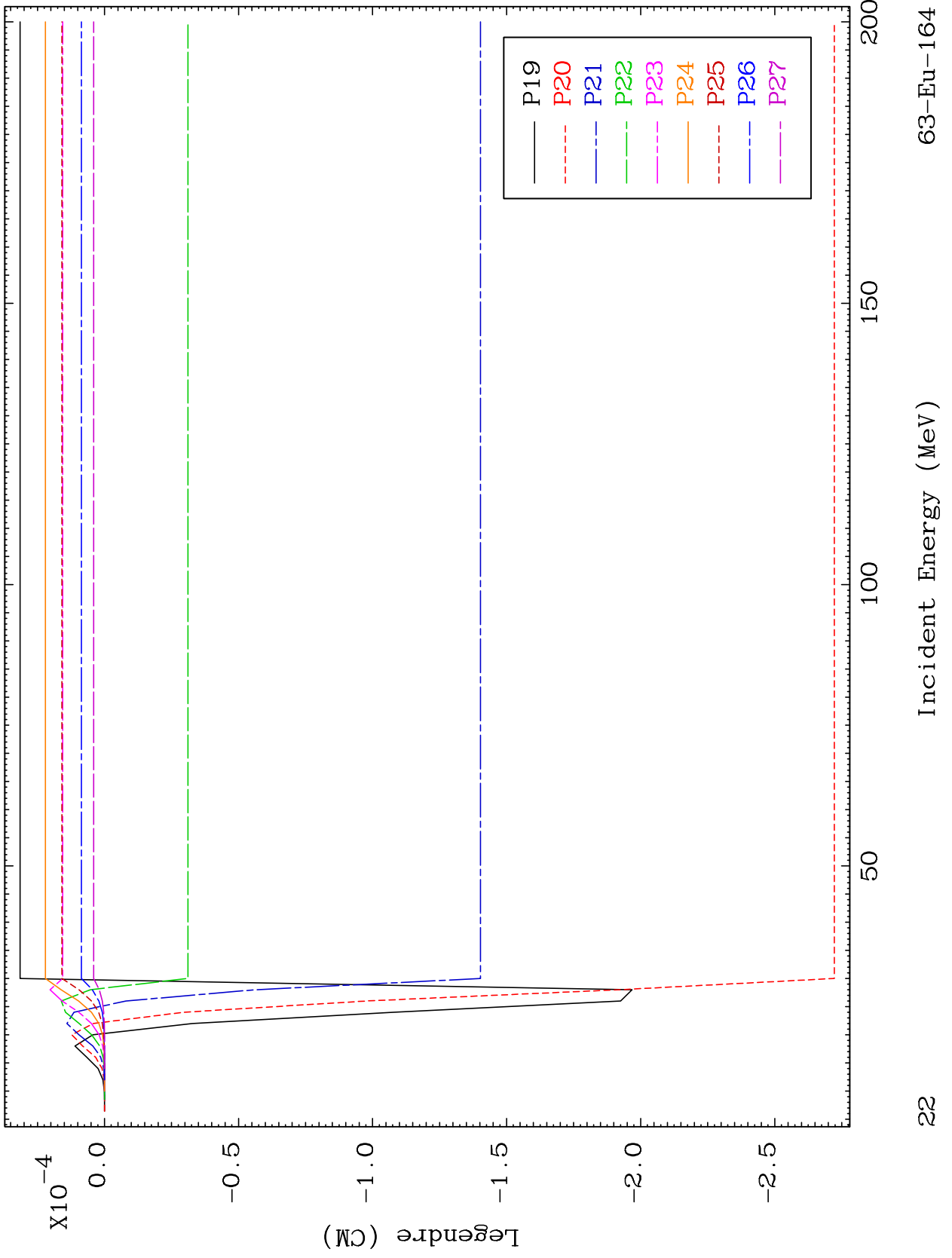
25

30

Incident Energy (MeV)

63-Eu-164

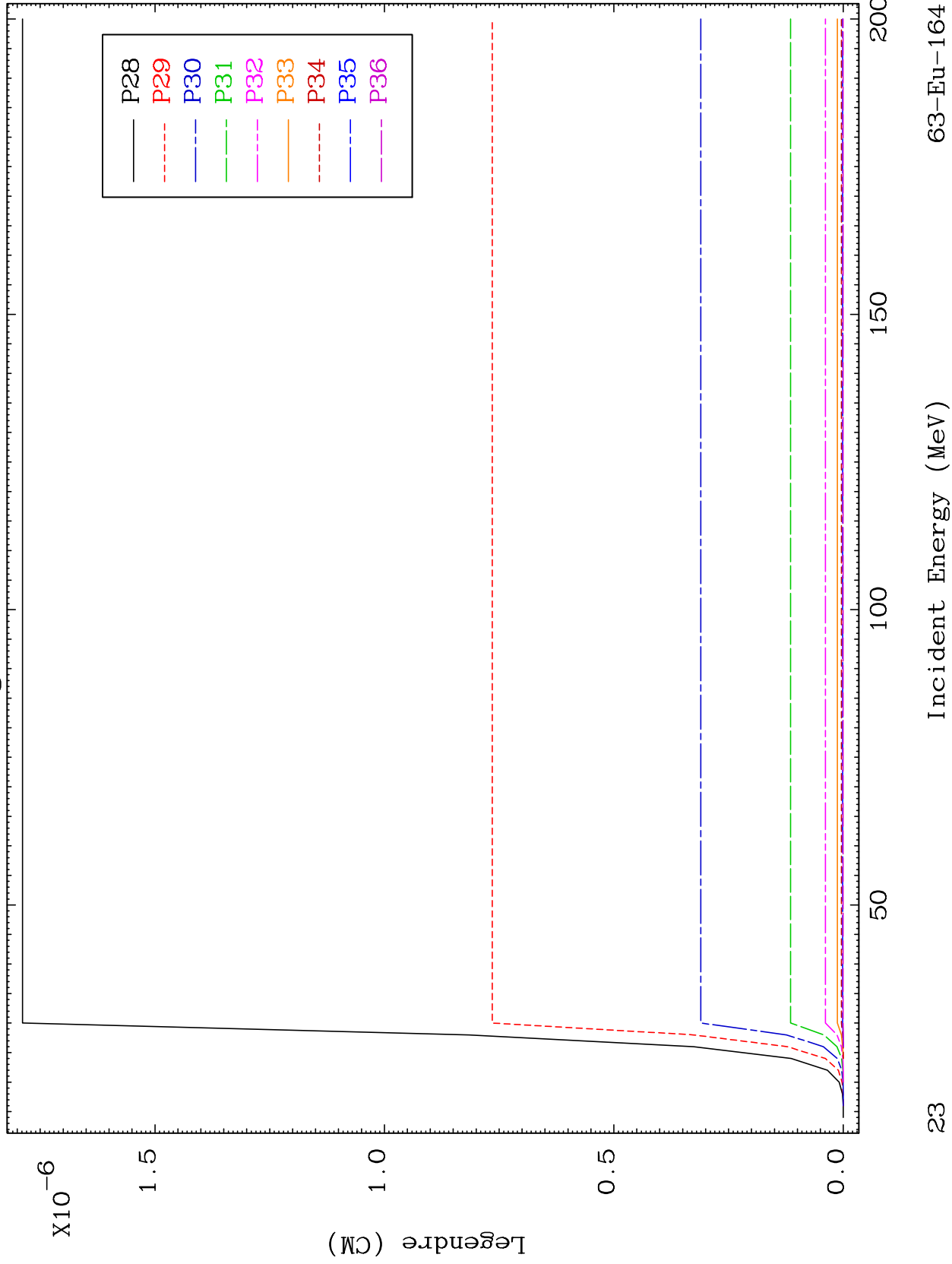




MAT 6364

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

63-Eu-164



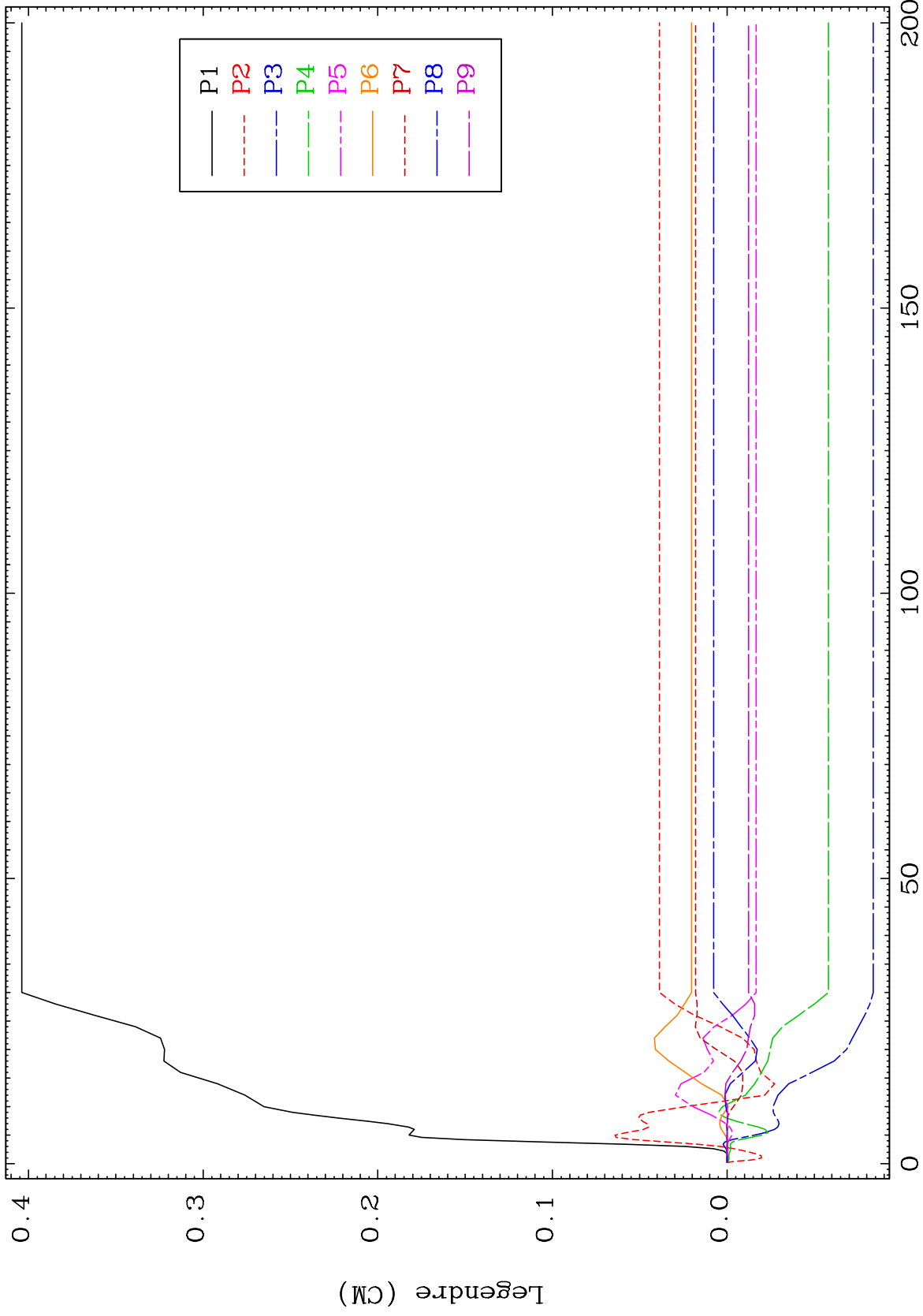
23

63-Eu-164

MAT 6364

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

63-Eu-164



24

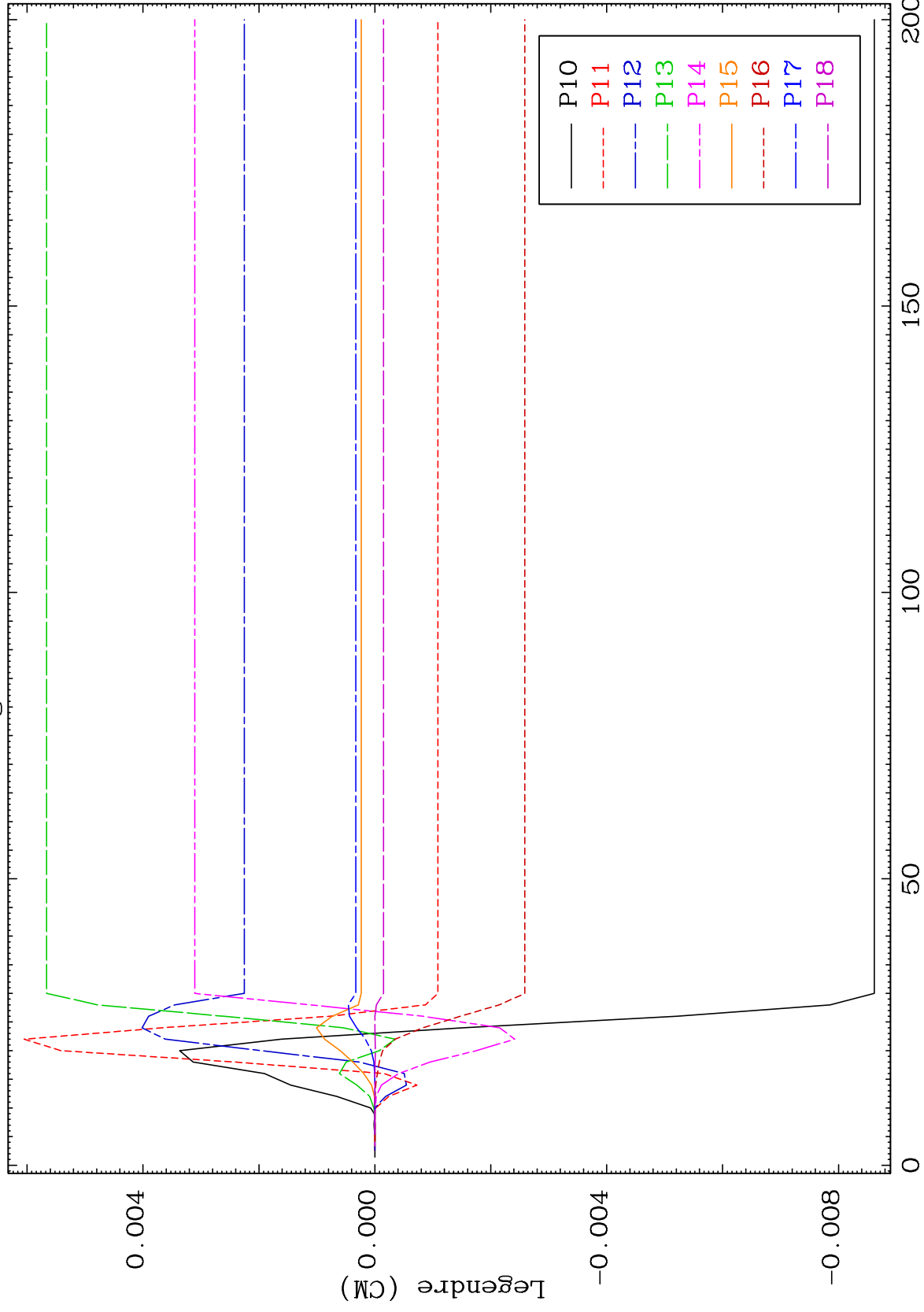
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



25

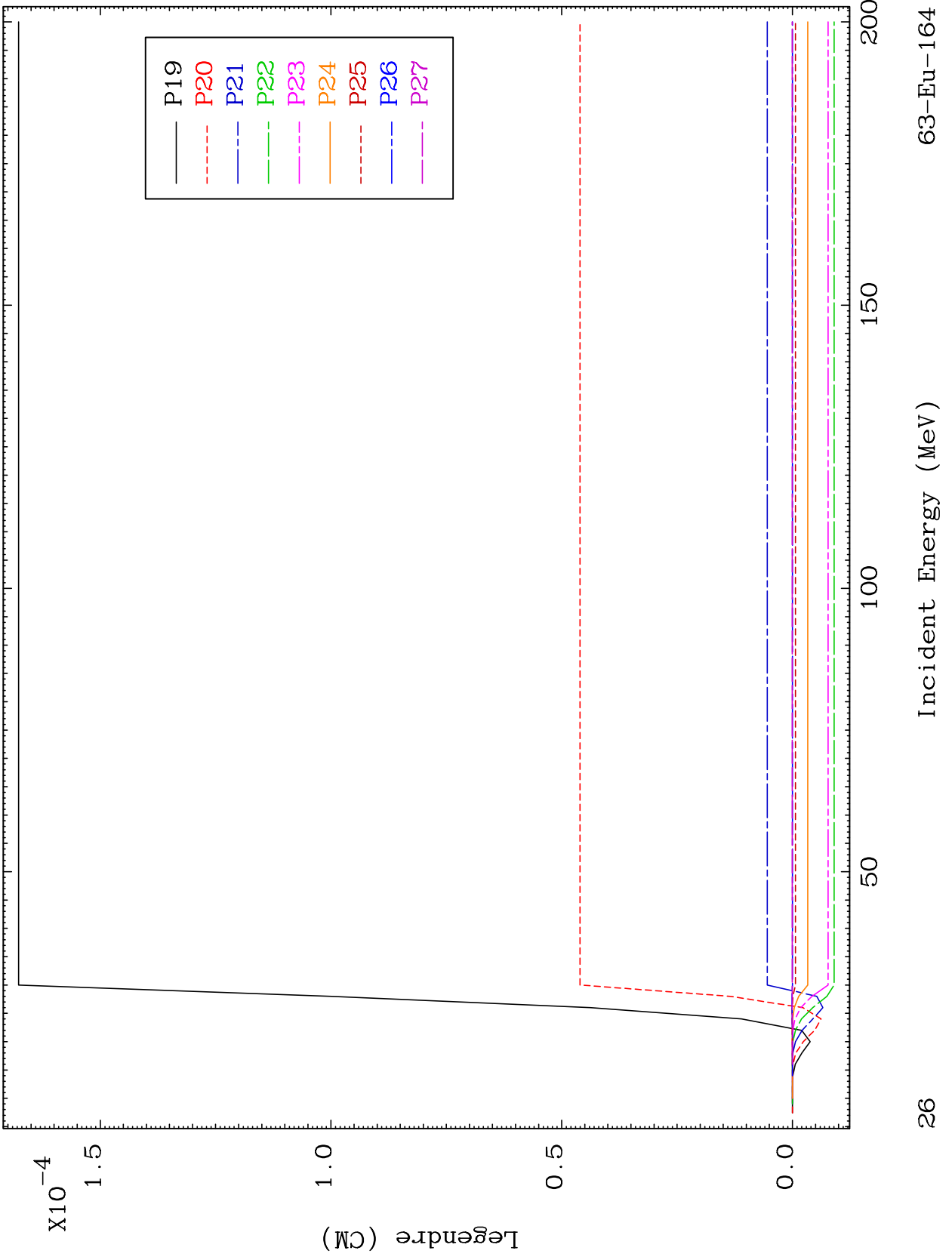
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



26

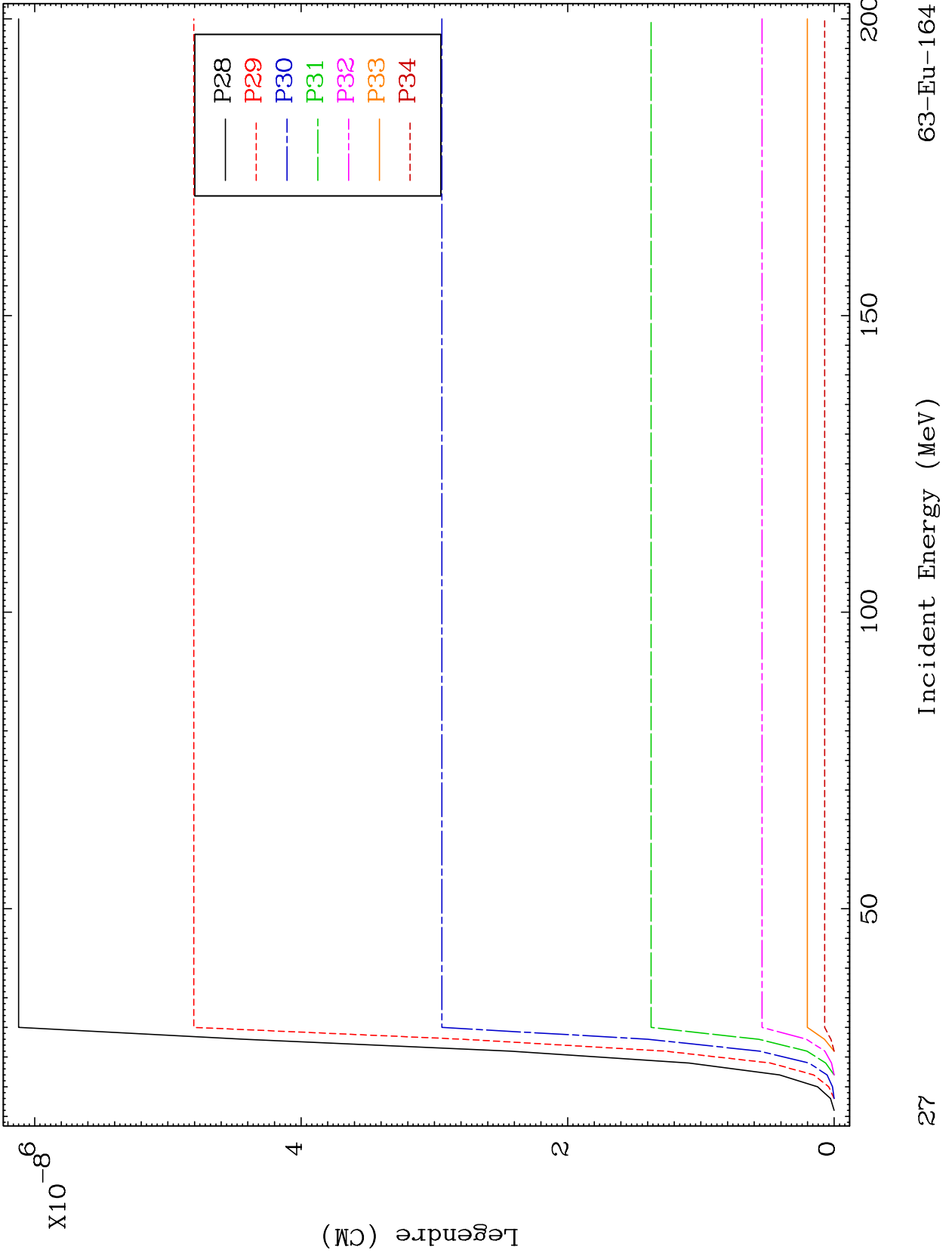
Incident Energy (MeV)

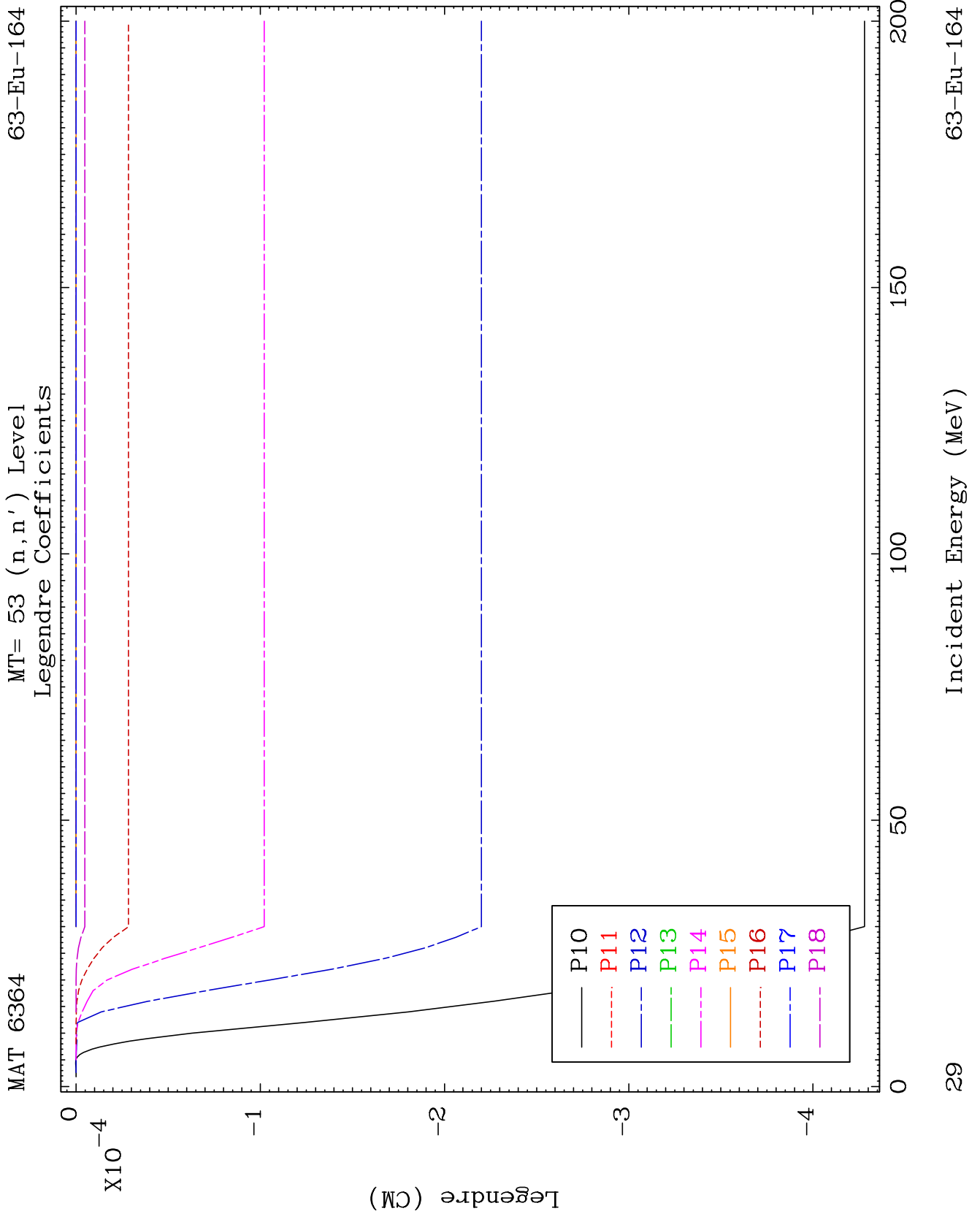
63-Eu-164

MAT 6364

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

63-Eu-164

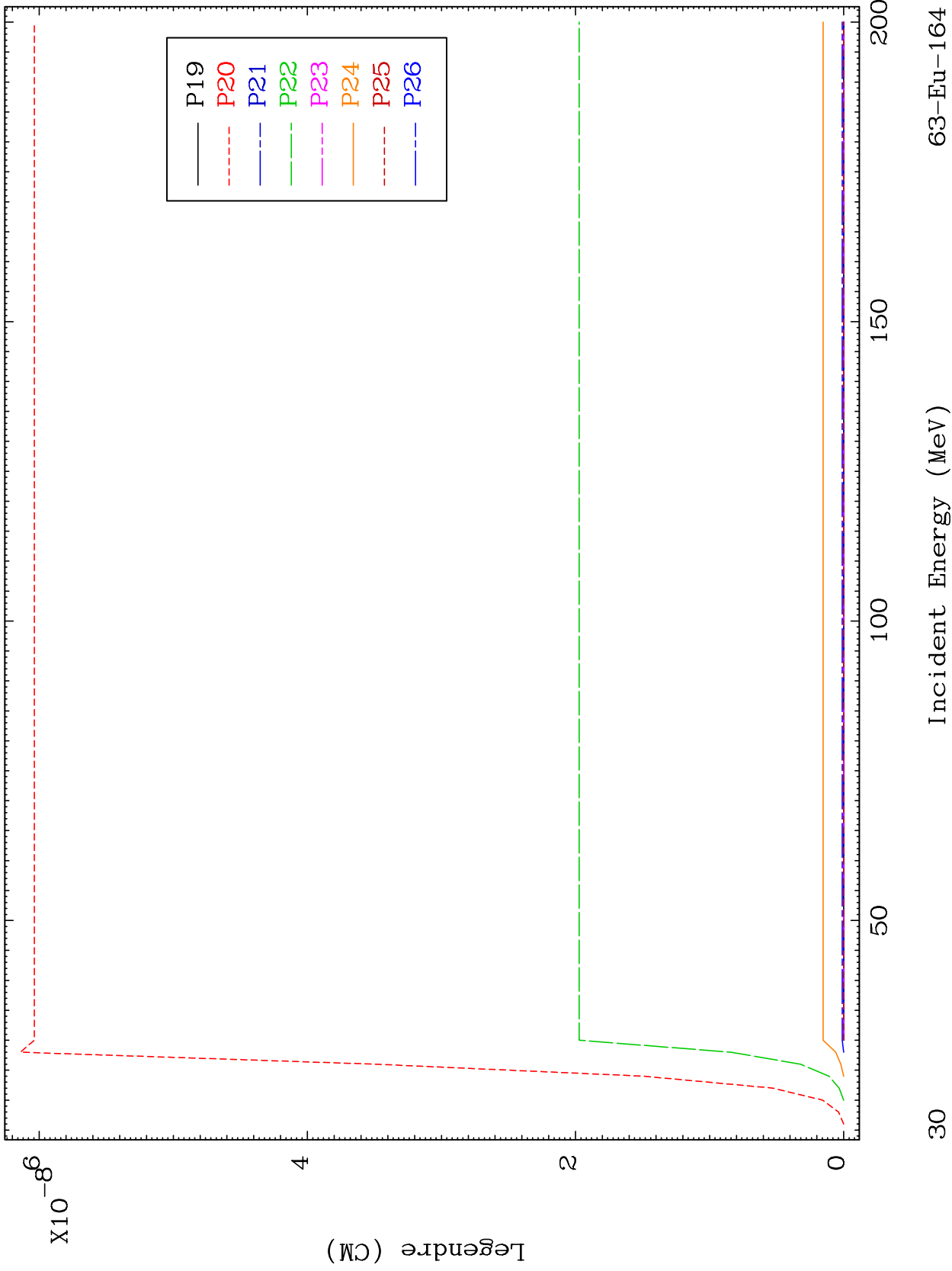




MAT 6364

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

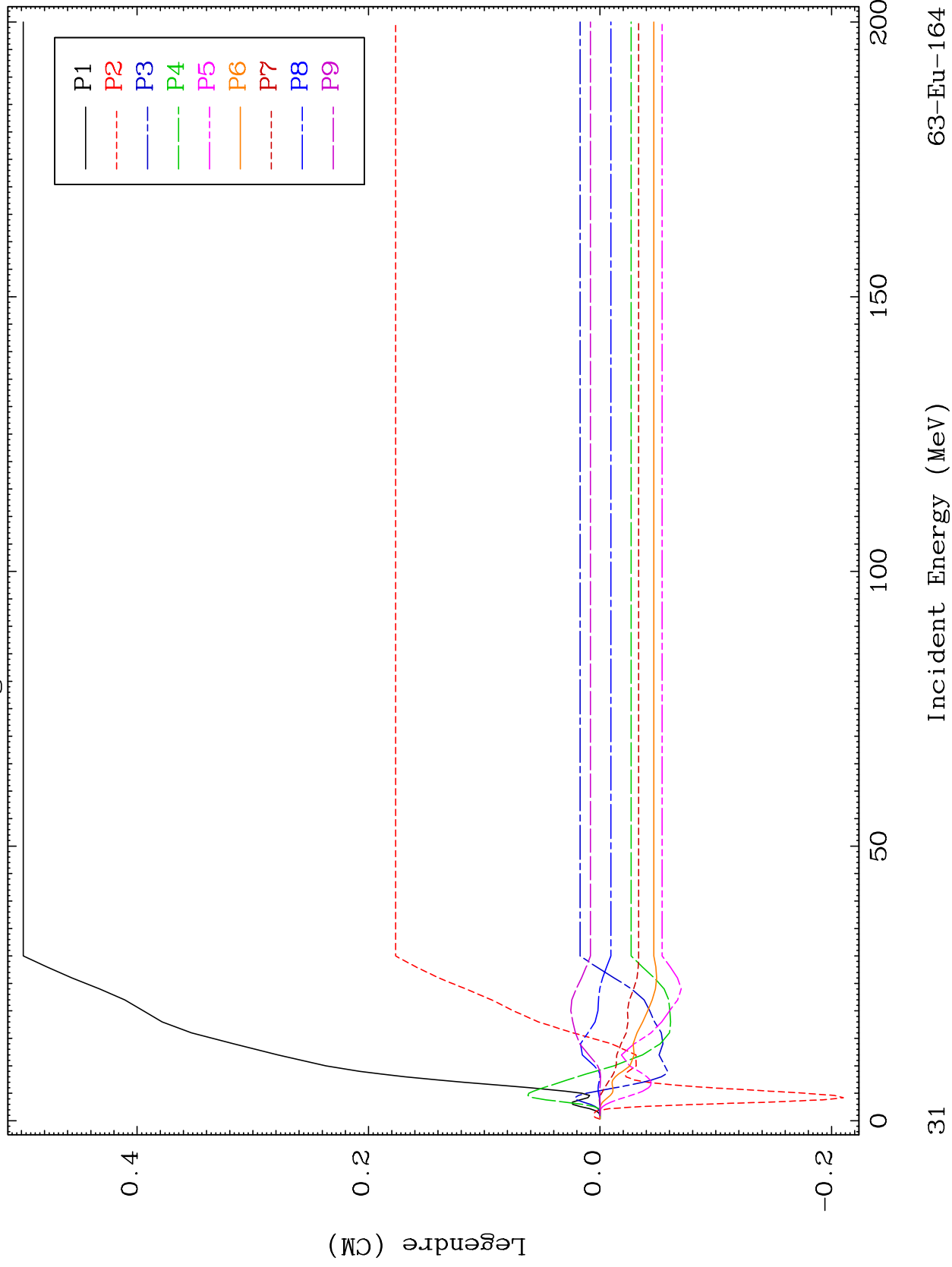
63-Eu-164



MAT 6364

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

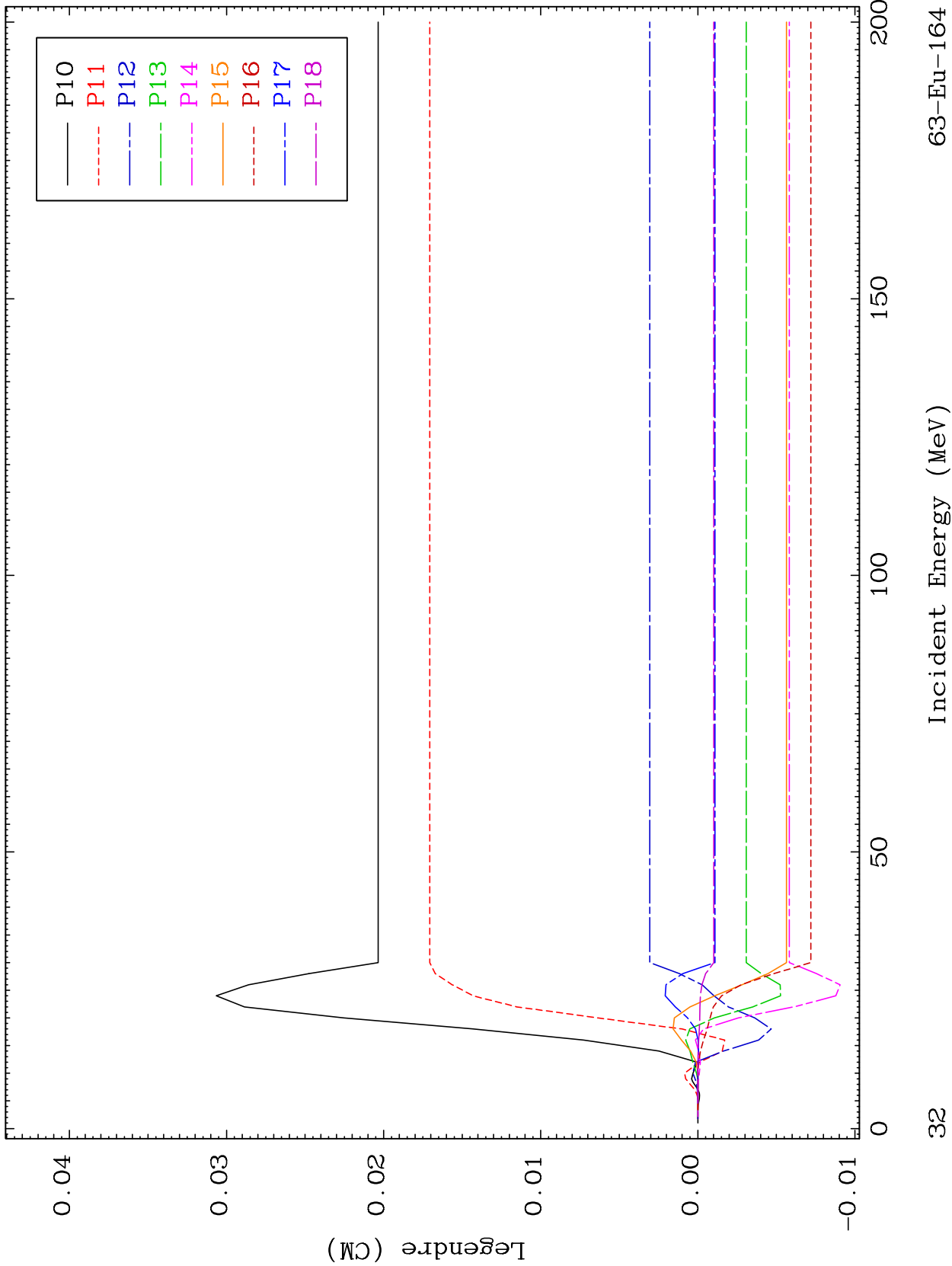
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MAT 6364

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

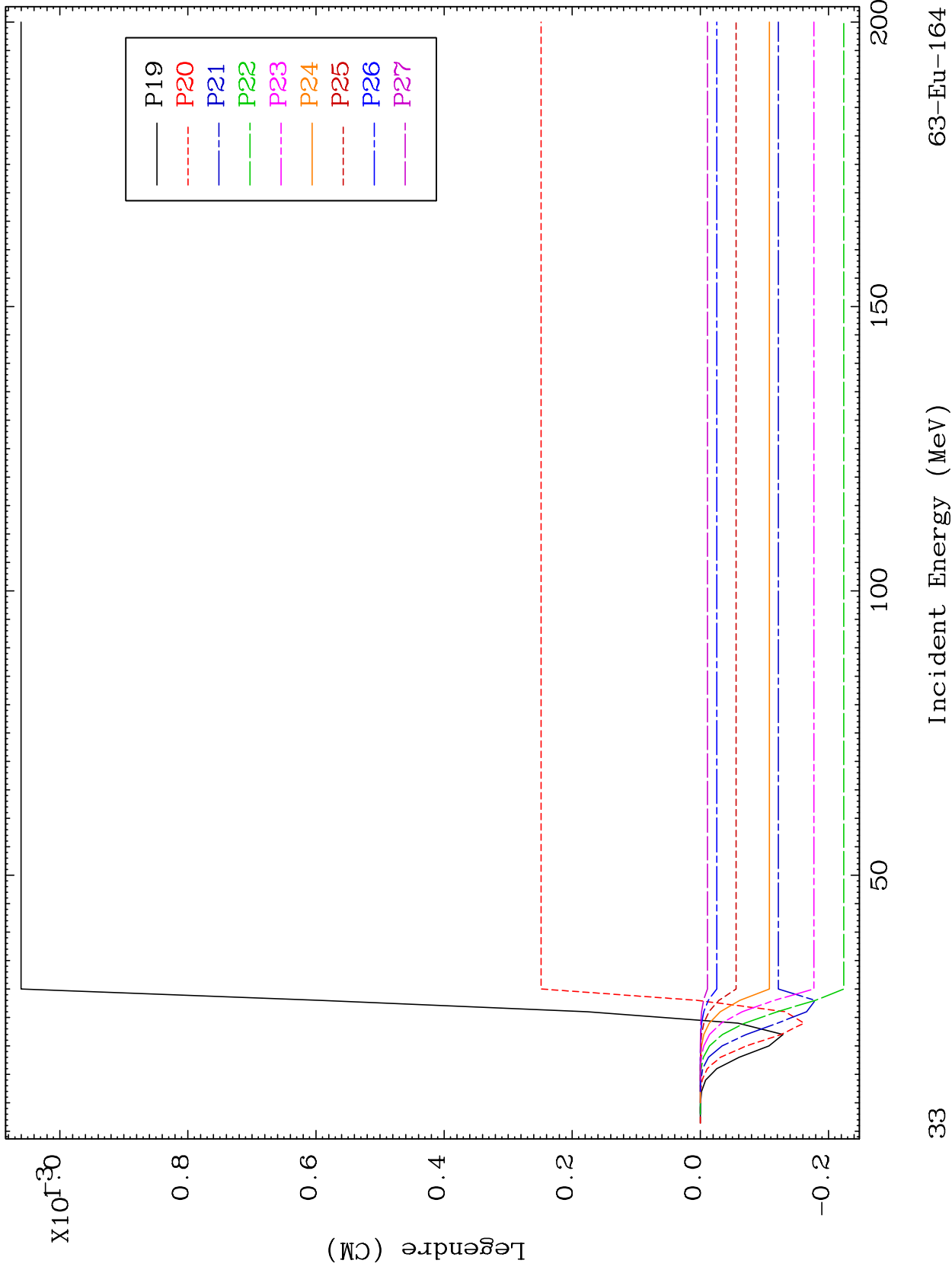
63-Eu-164



63-Eu-164

Incident Energy (MeV)

32

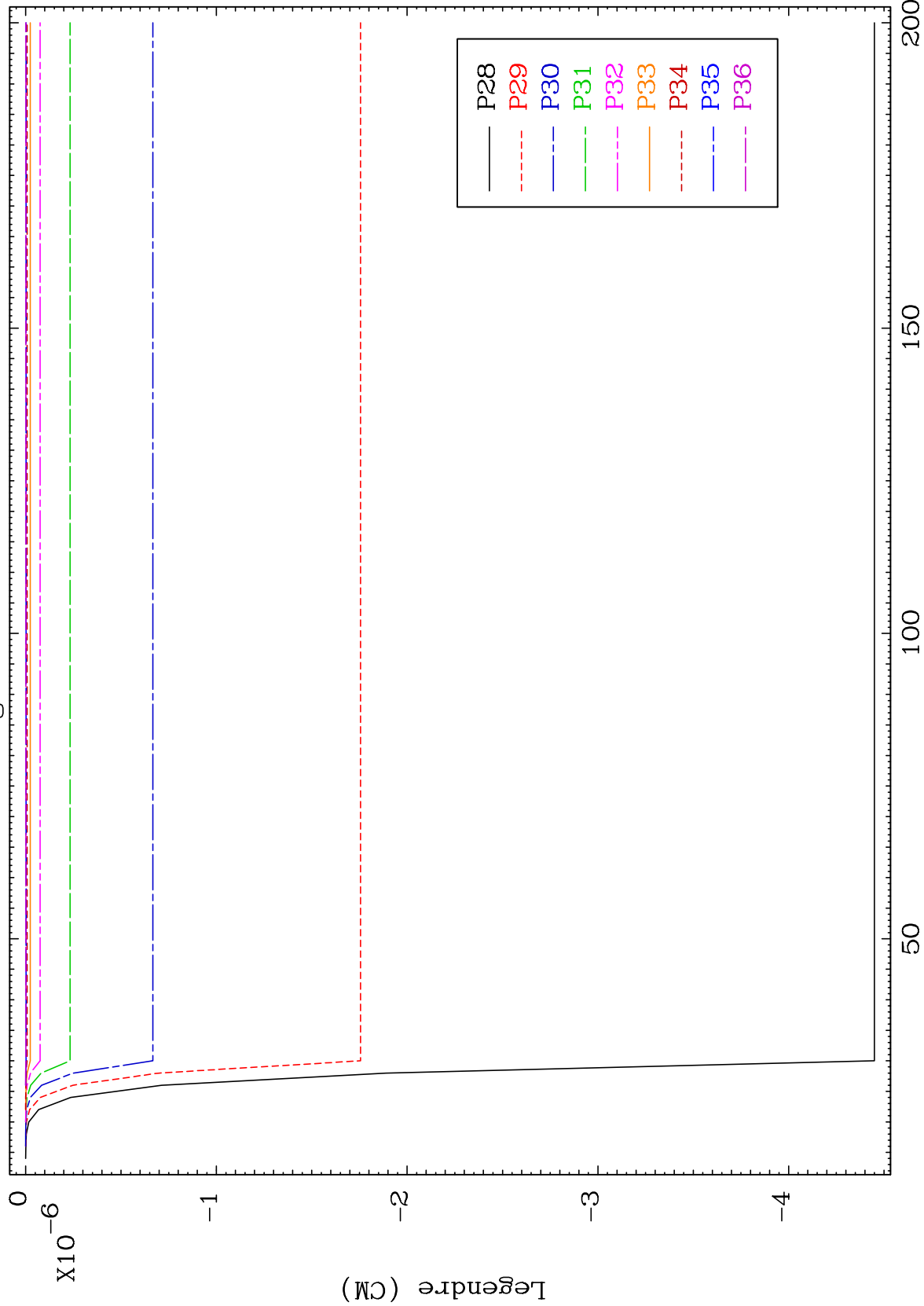


MAT 6364

MT= 54 (n,n') Level

63-Eu-164

Legendre Coefficients



63-Eu-164

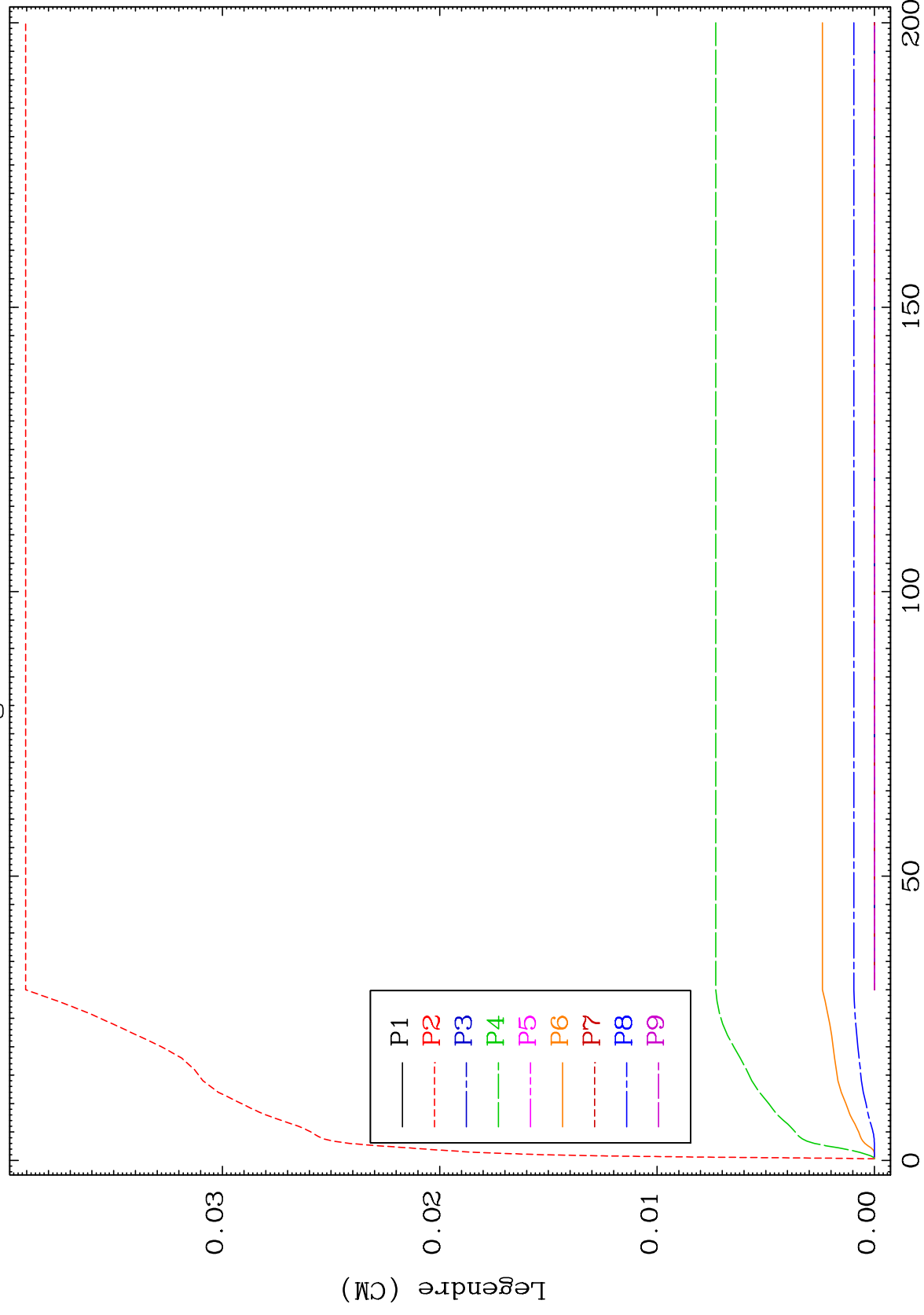
Incident Energy (MeV)

34

MAT 6364

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

63-Eu-164



63-Eu-164

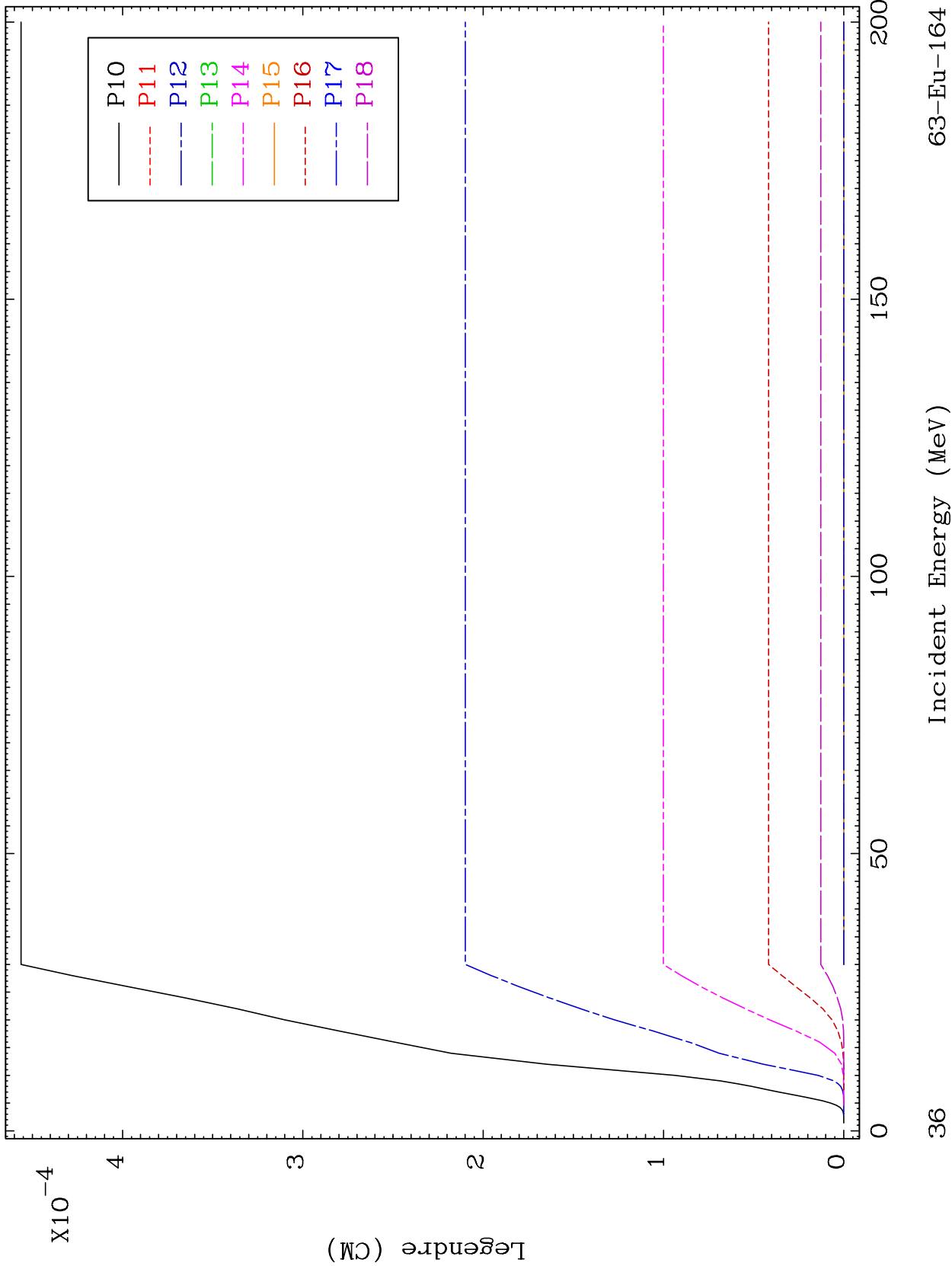
Incident Energy (MeV)

35

MAT 6364

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

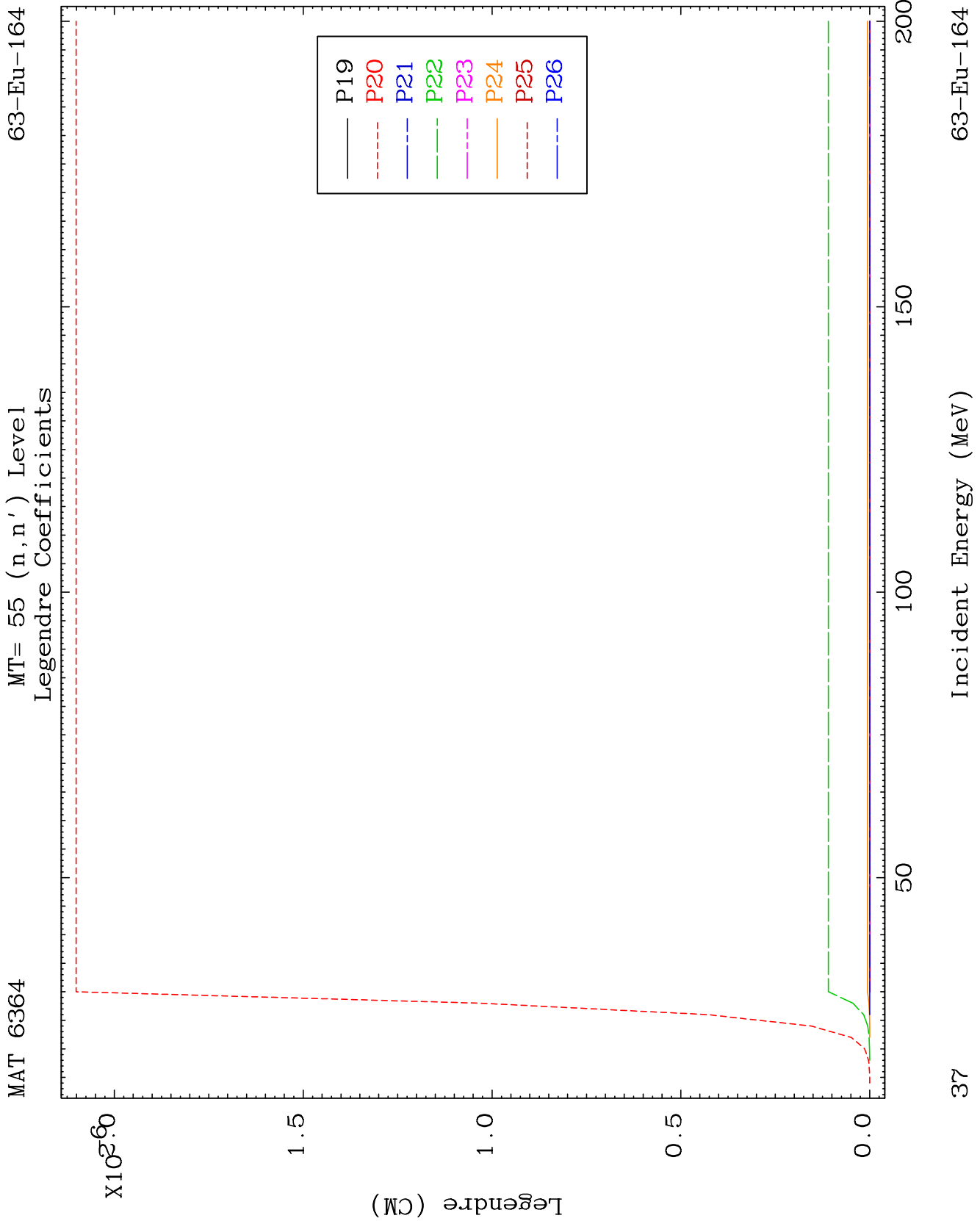
63-Eu-164



63-Eu-164

Incident Energy (MeV)

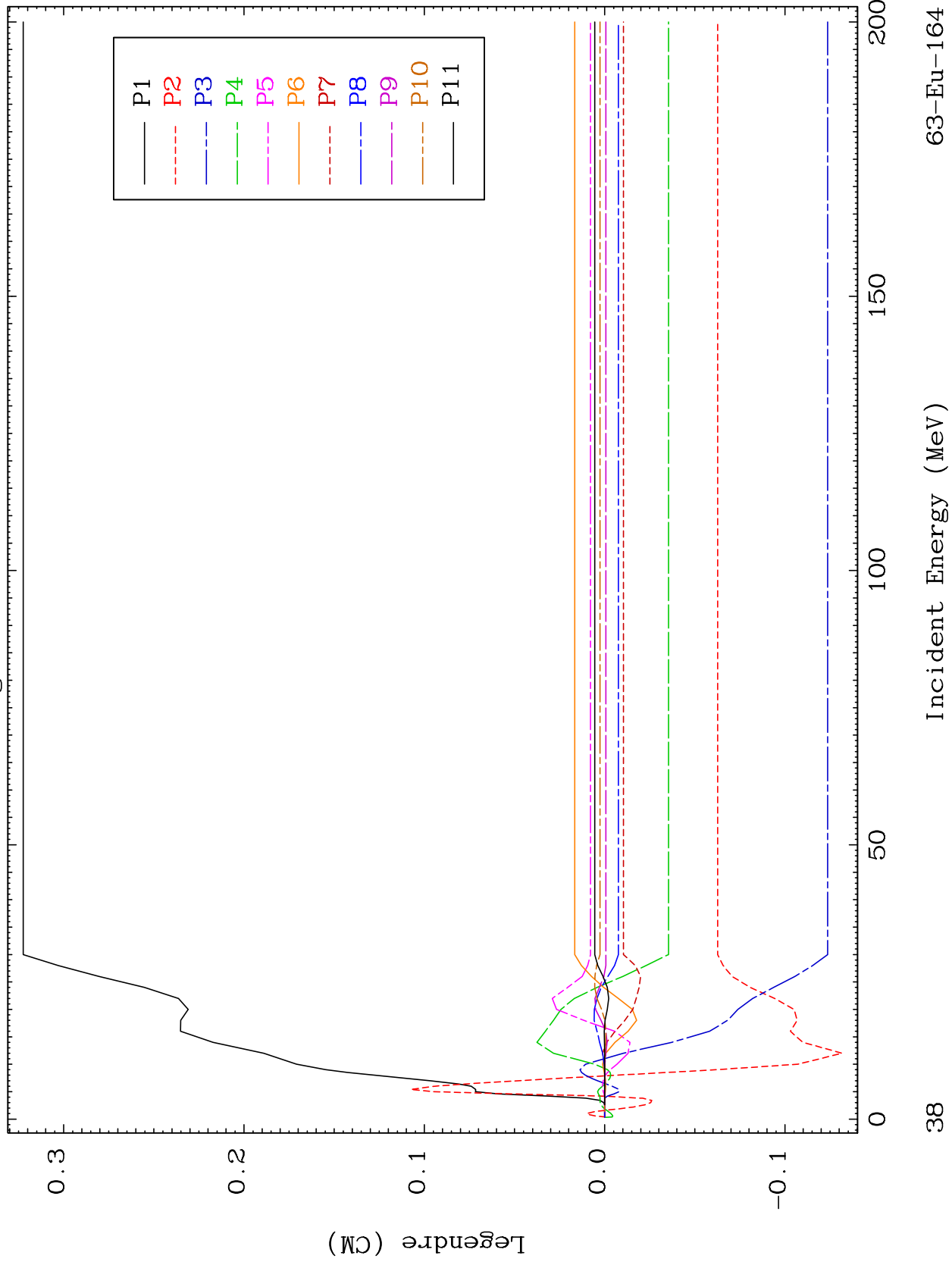
36



MAT 6364

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

63-Eu-164



63-Eu-164

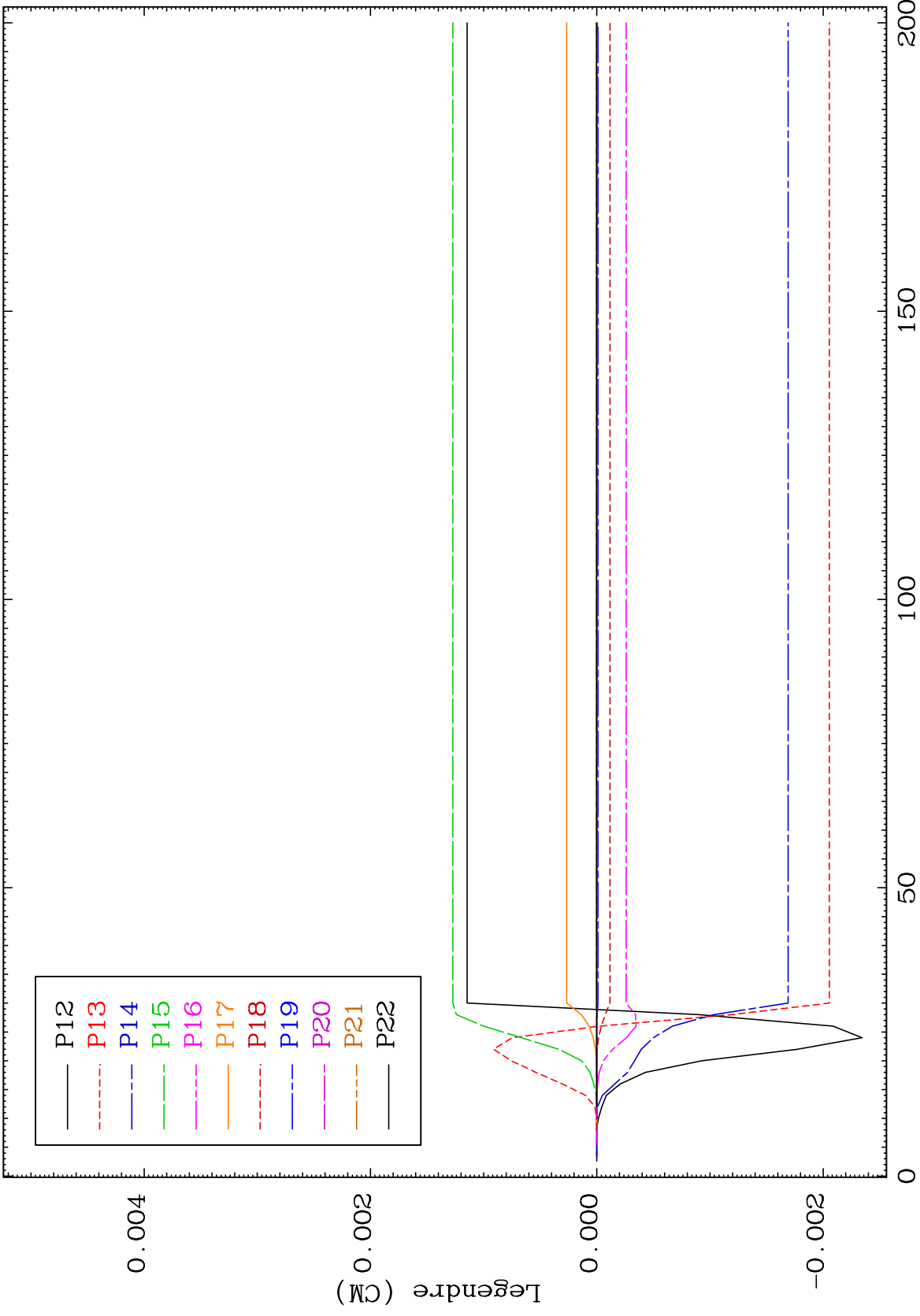
Incident Energy (MeV)

38

MAT 6364

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

63-Eu-164



39

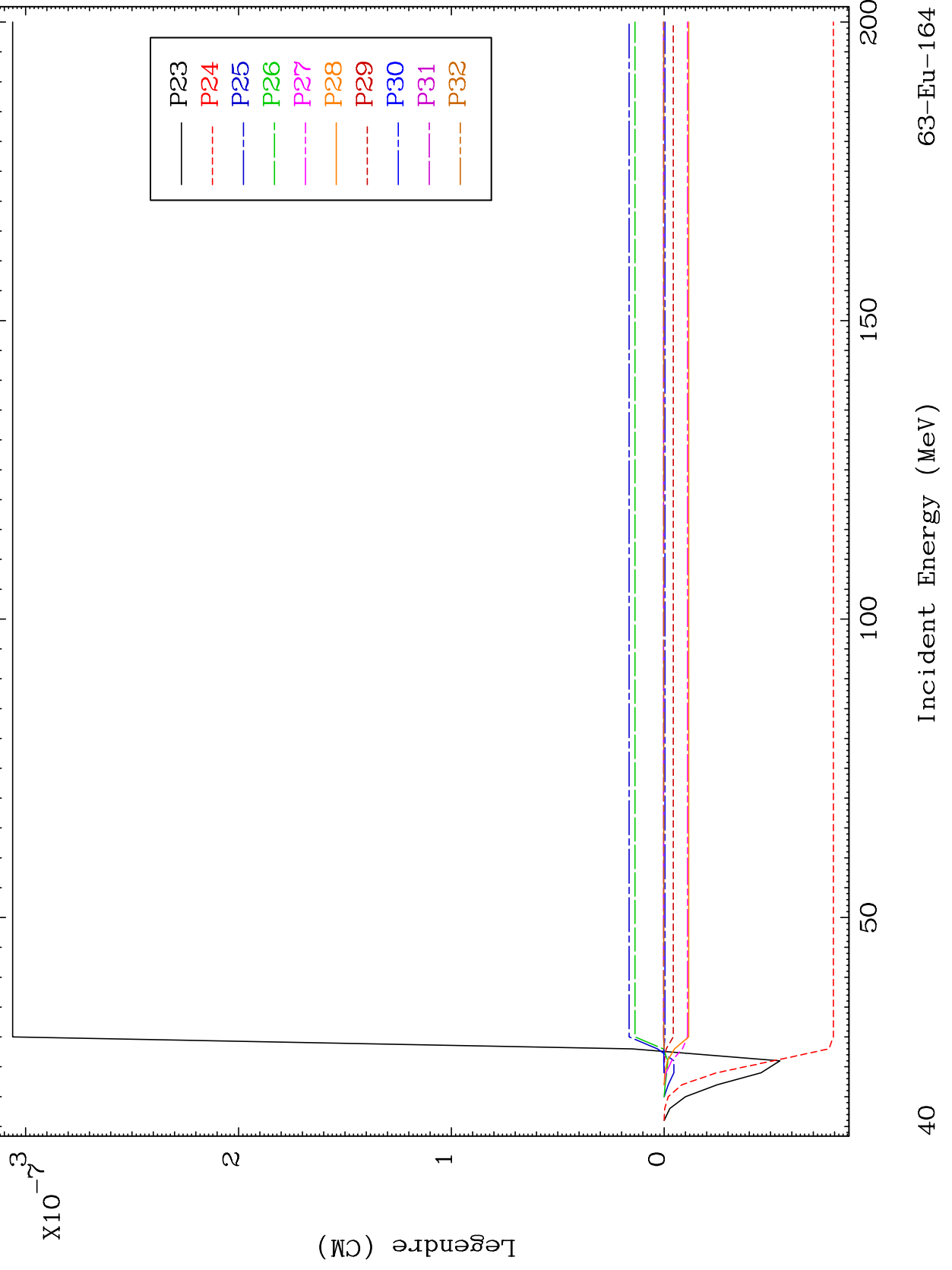
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

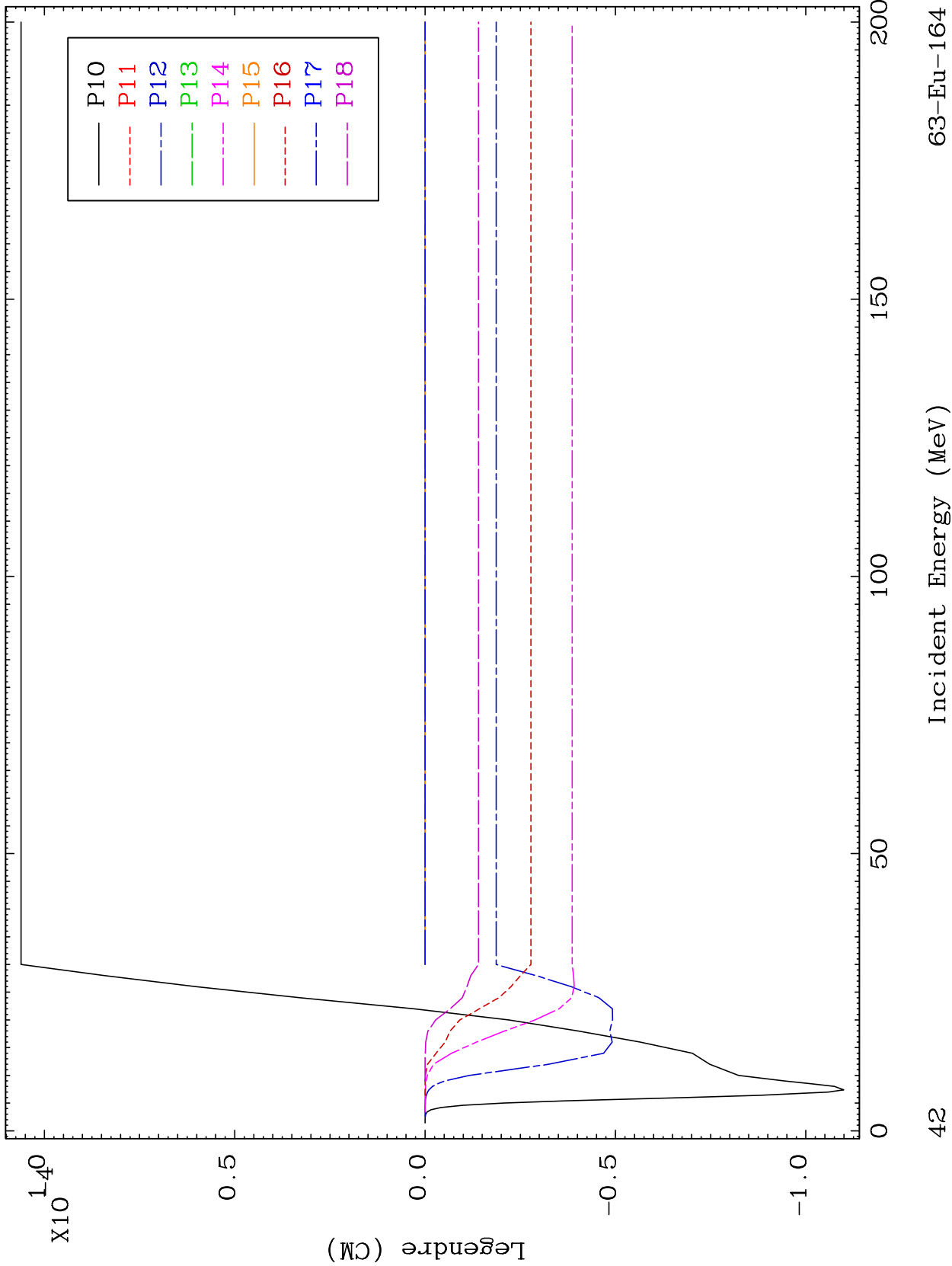
63-Eu-164



MAT 6364

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

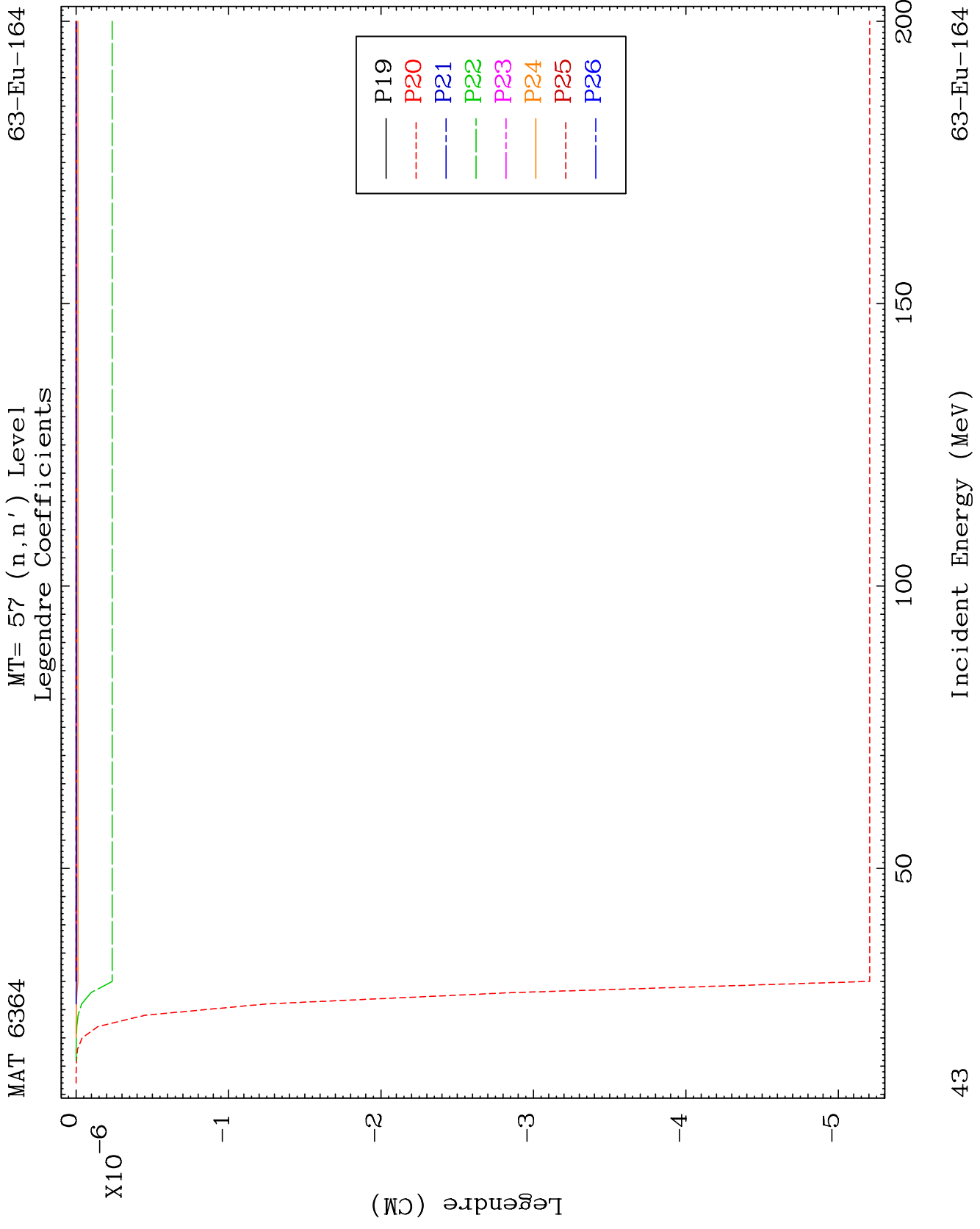
63-Eu-164

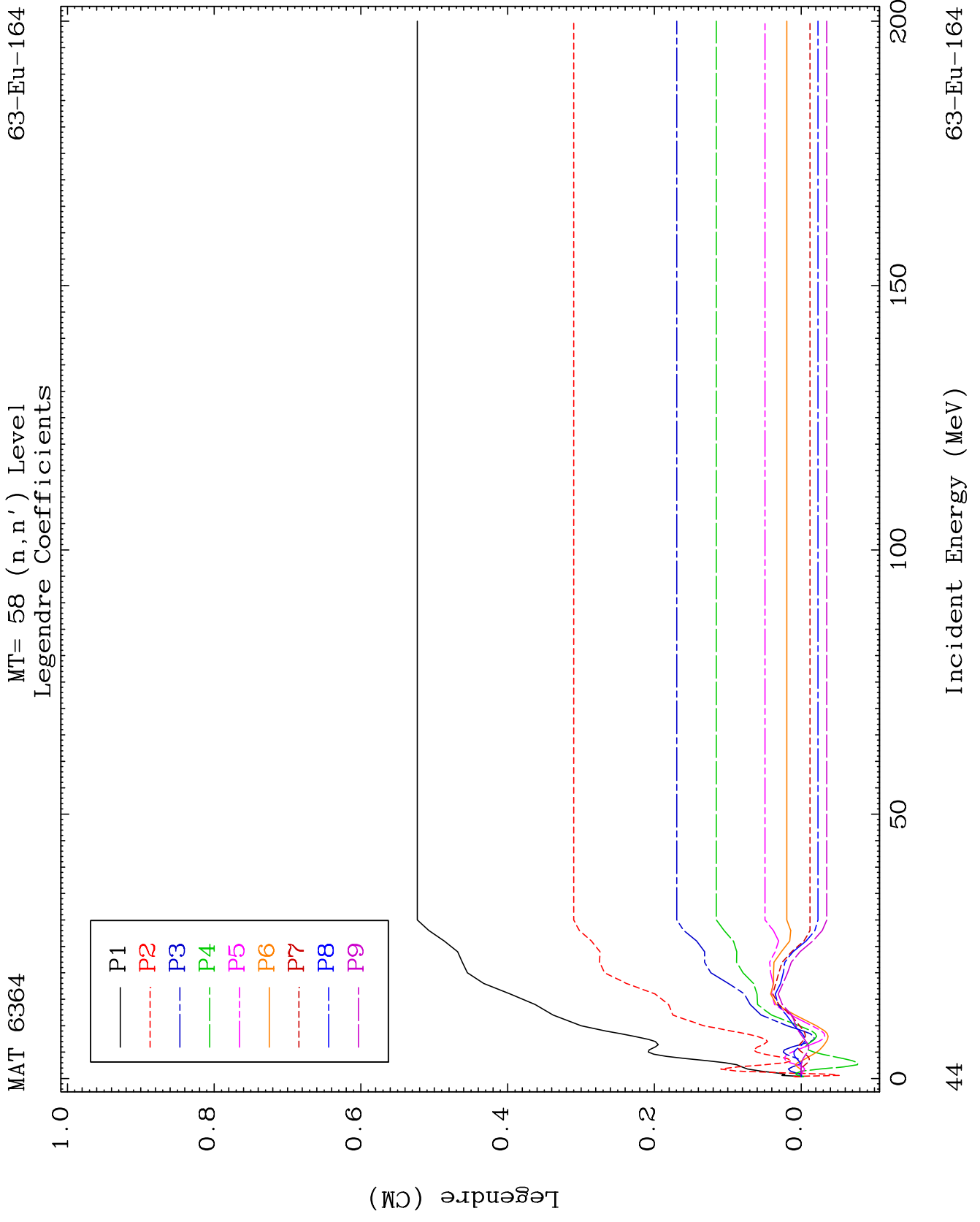


63-Eu-164

Incident Energy (MeV)

42

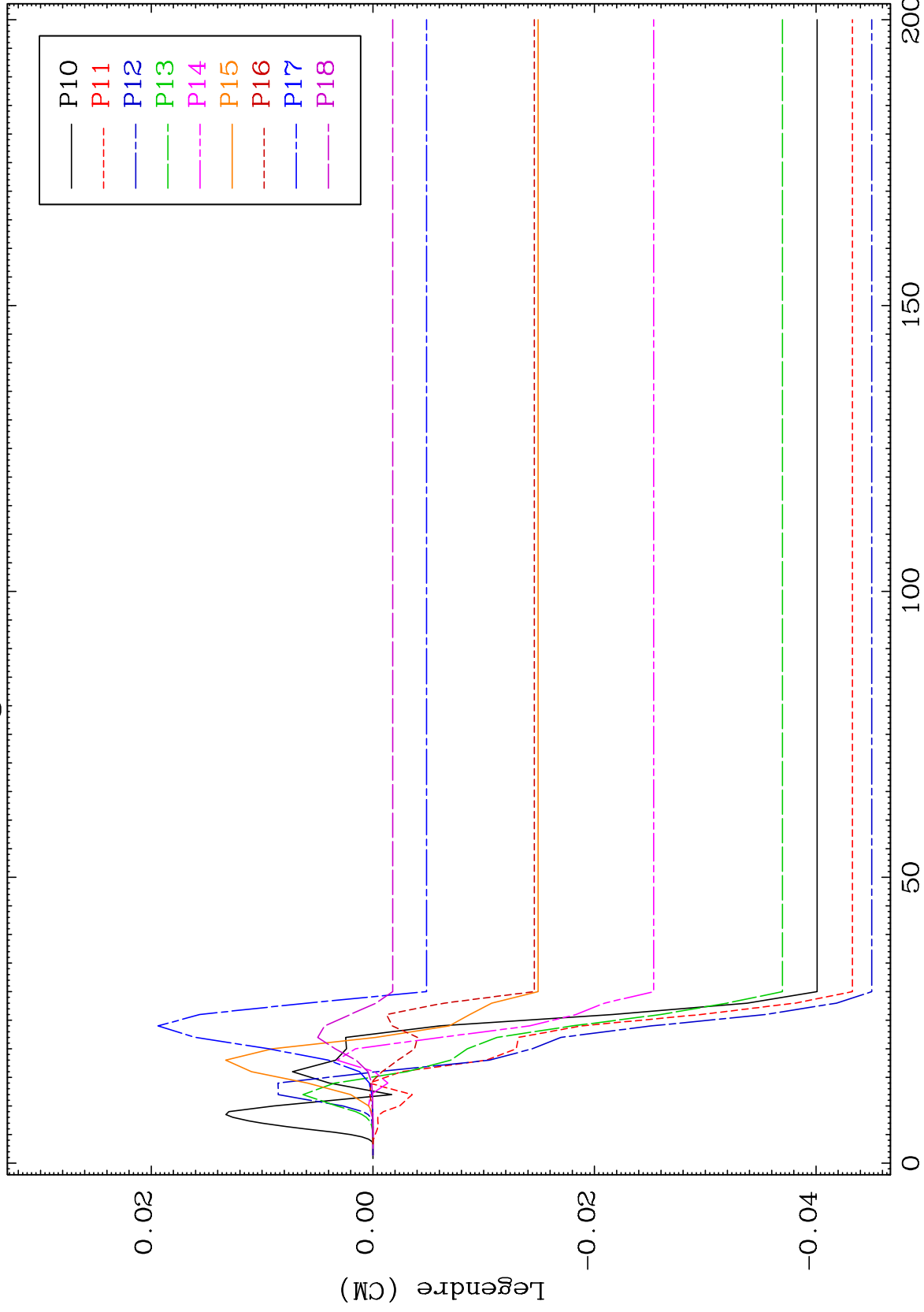




MAT 6364

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

63-Eu-164



45

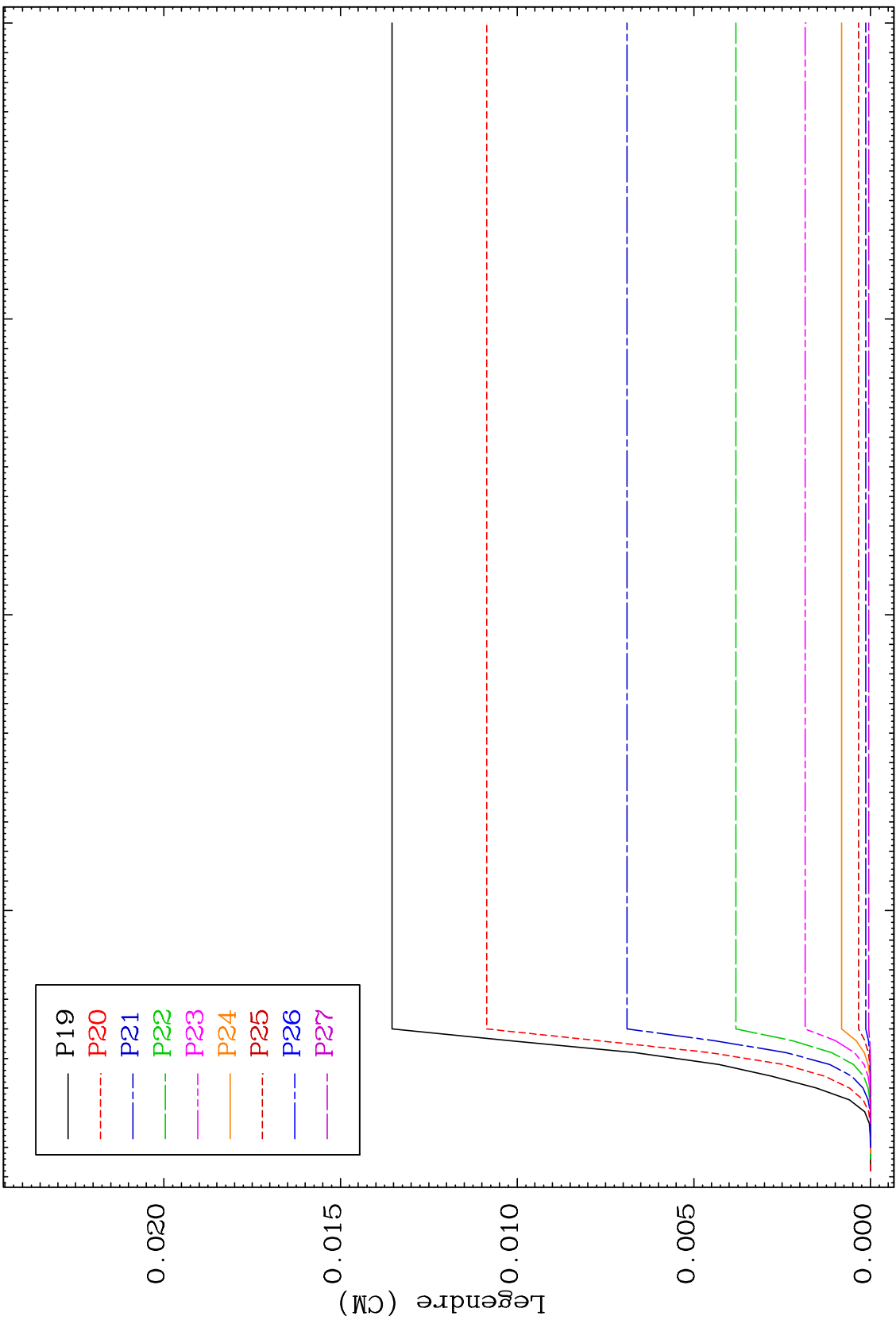
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



46

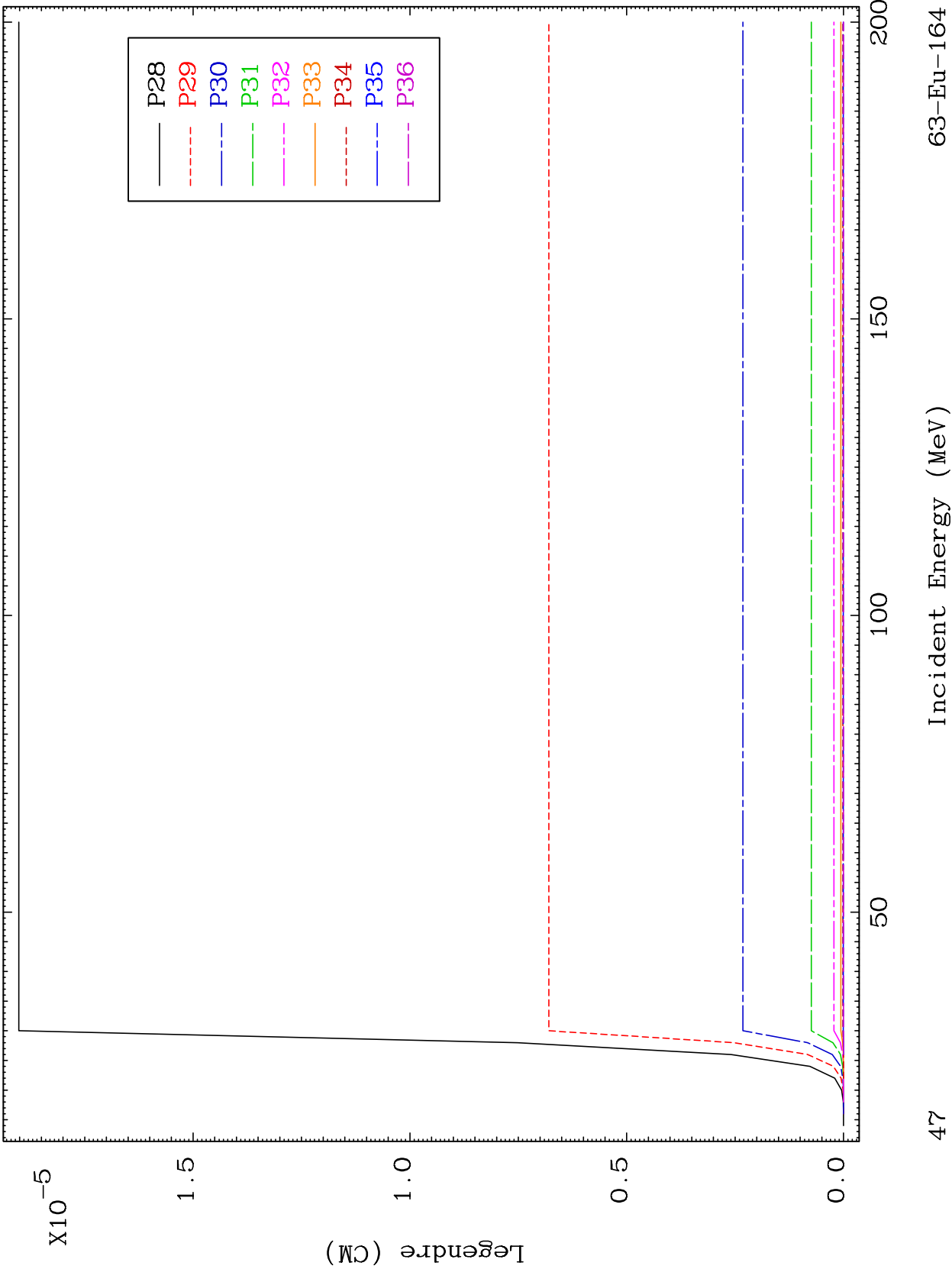
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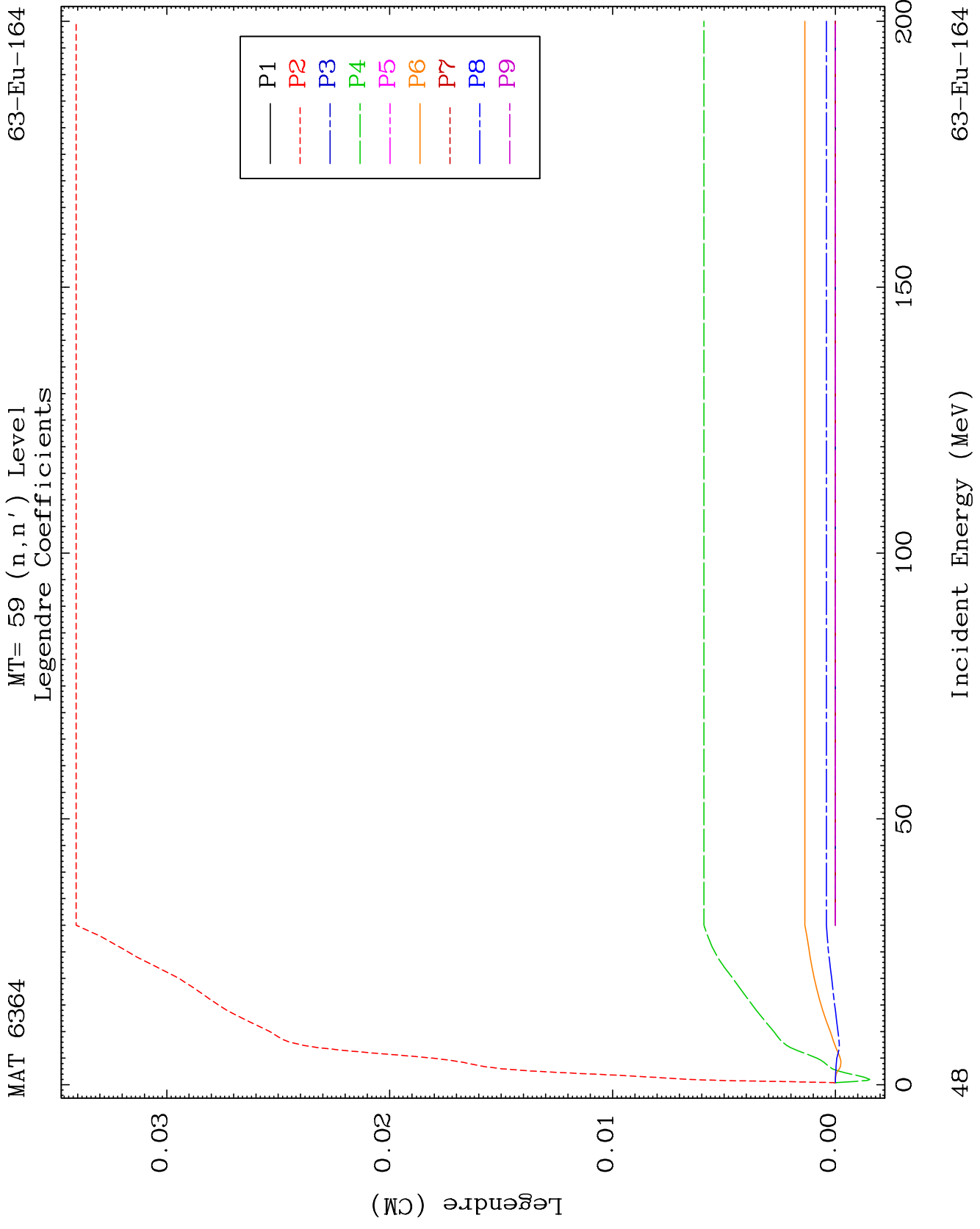
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MAT 6364

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

63-Eu-164

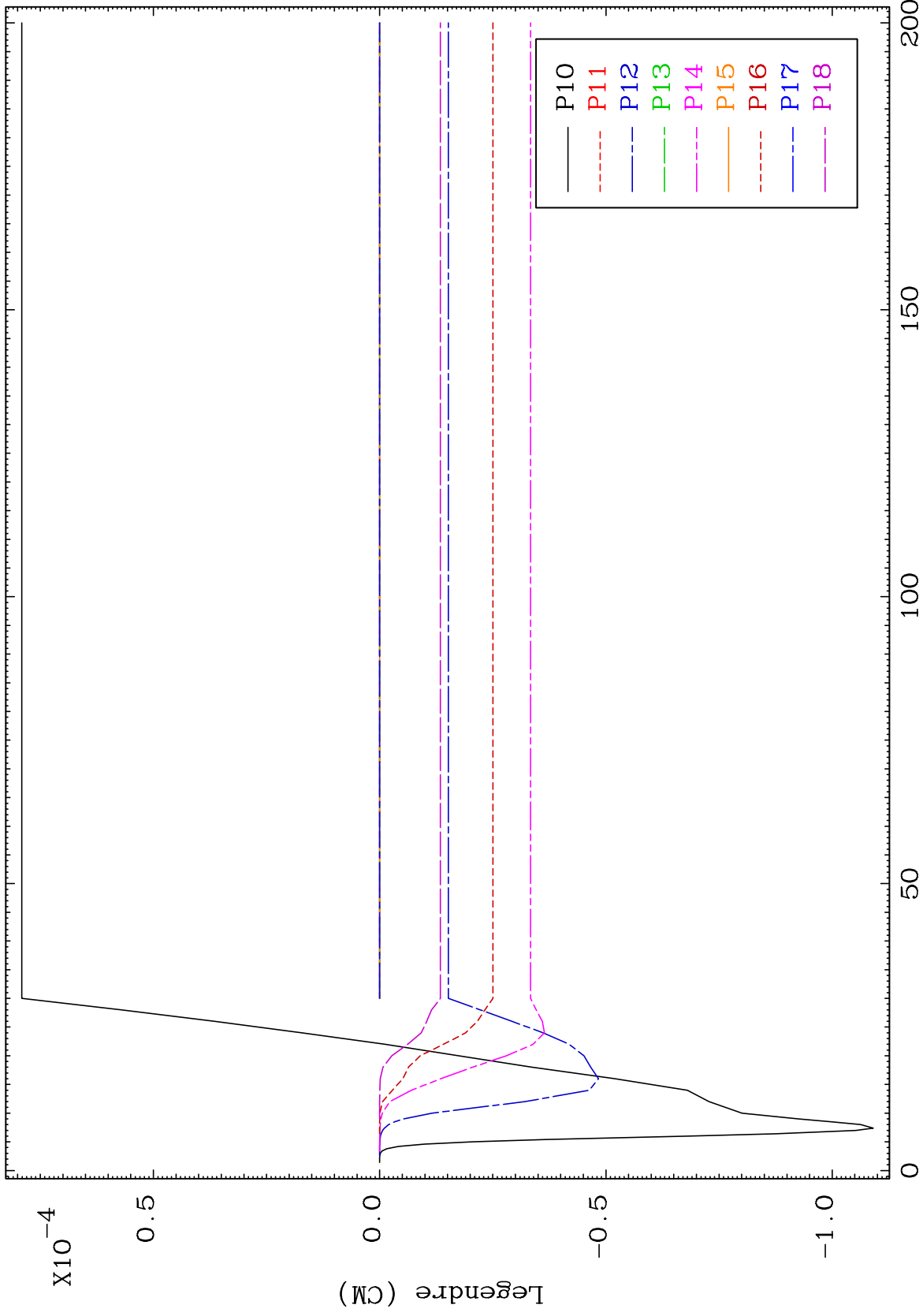




MAT 6364

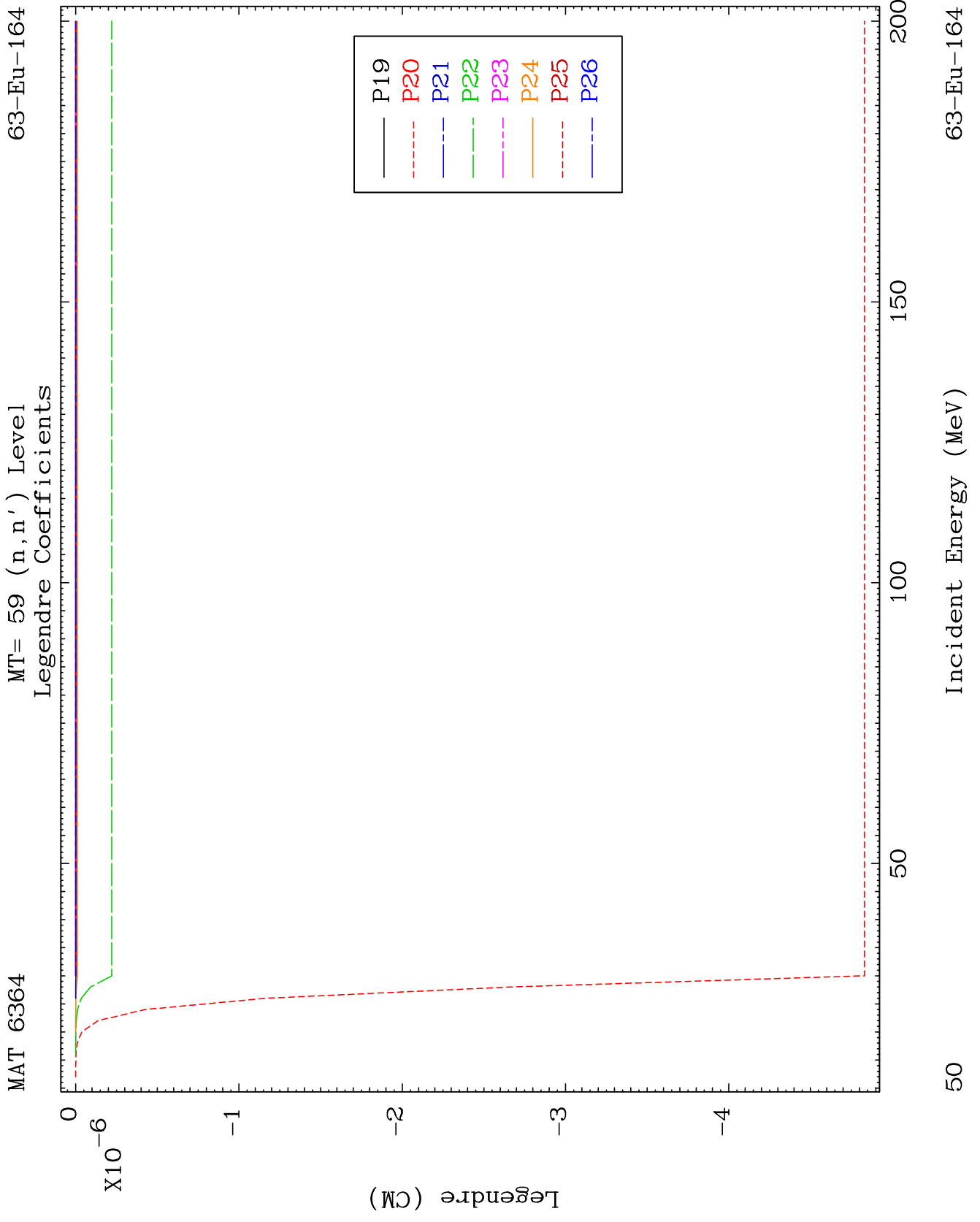
MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-164



49

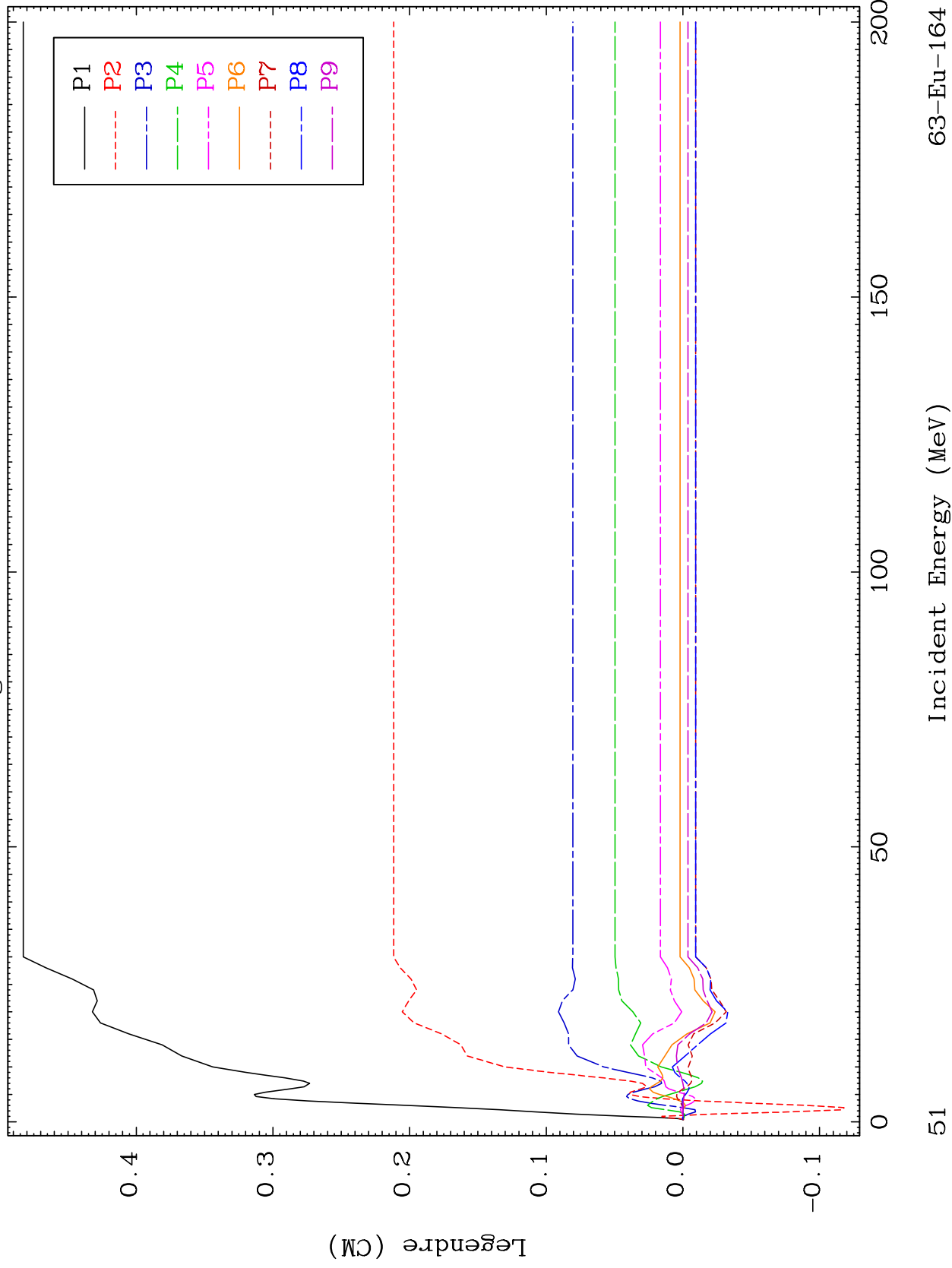
63-Eu-164



MAT 6364

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

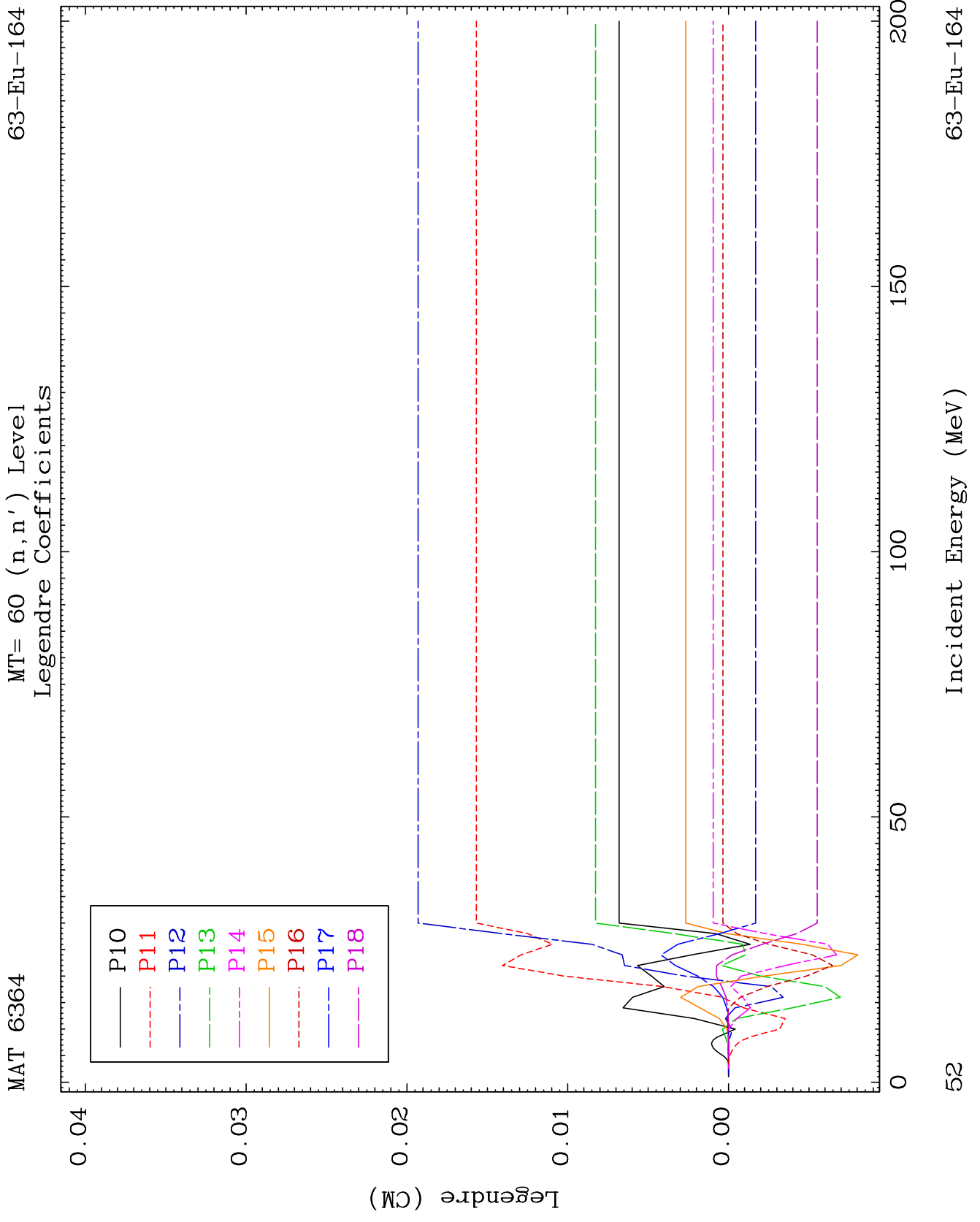
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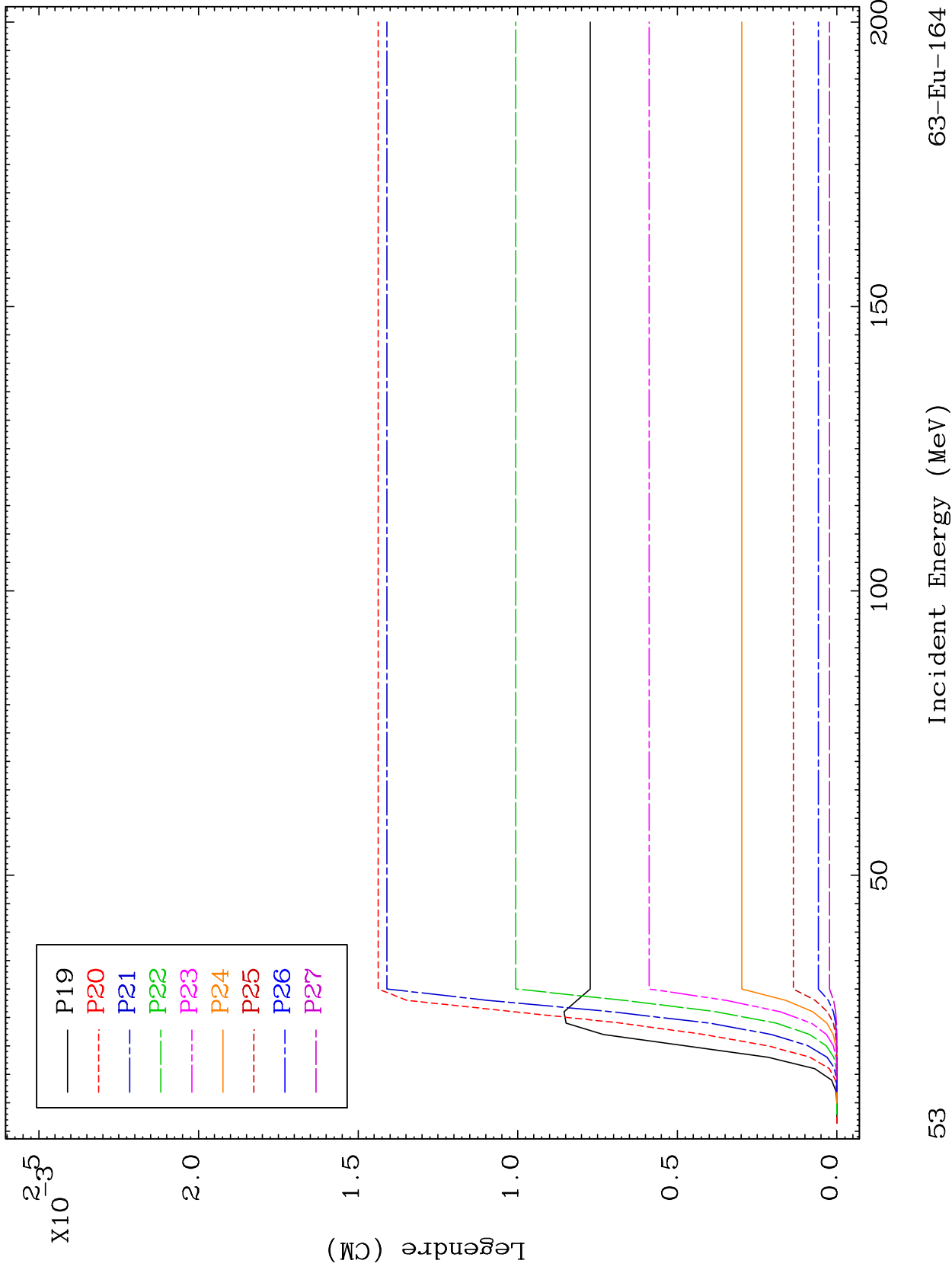


63-Eu-164

Incident Energy (MeV)

51

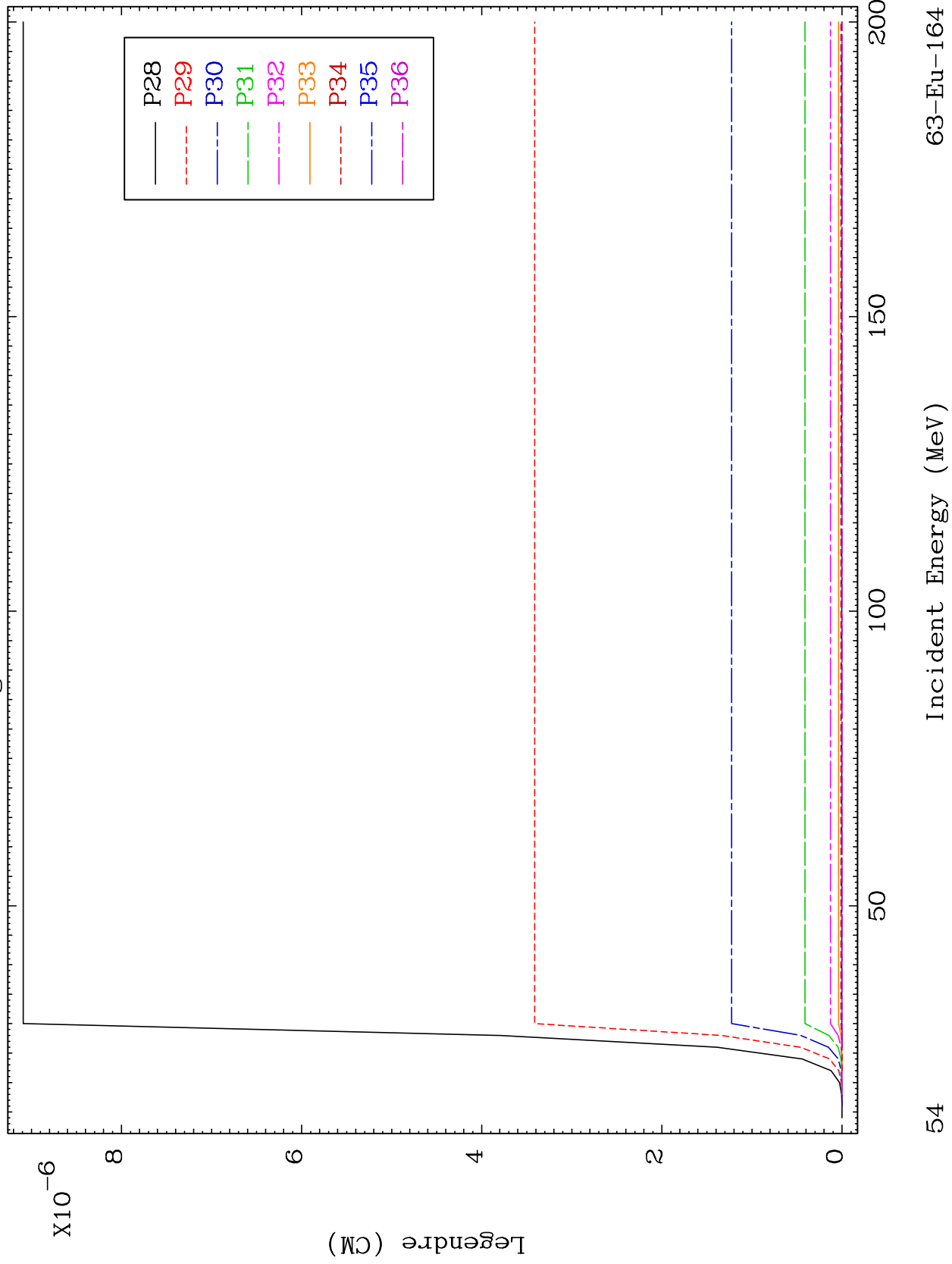




MAT 6364

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

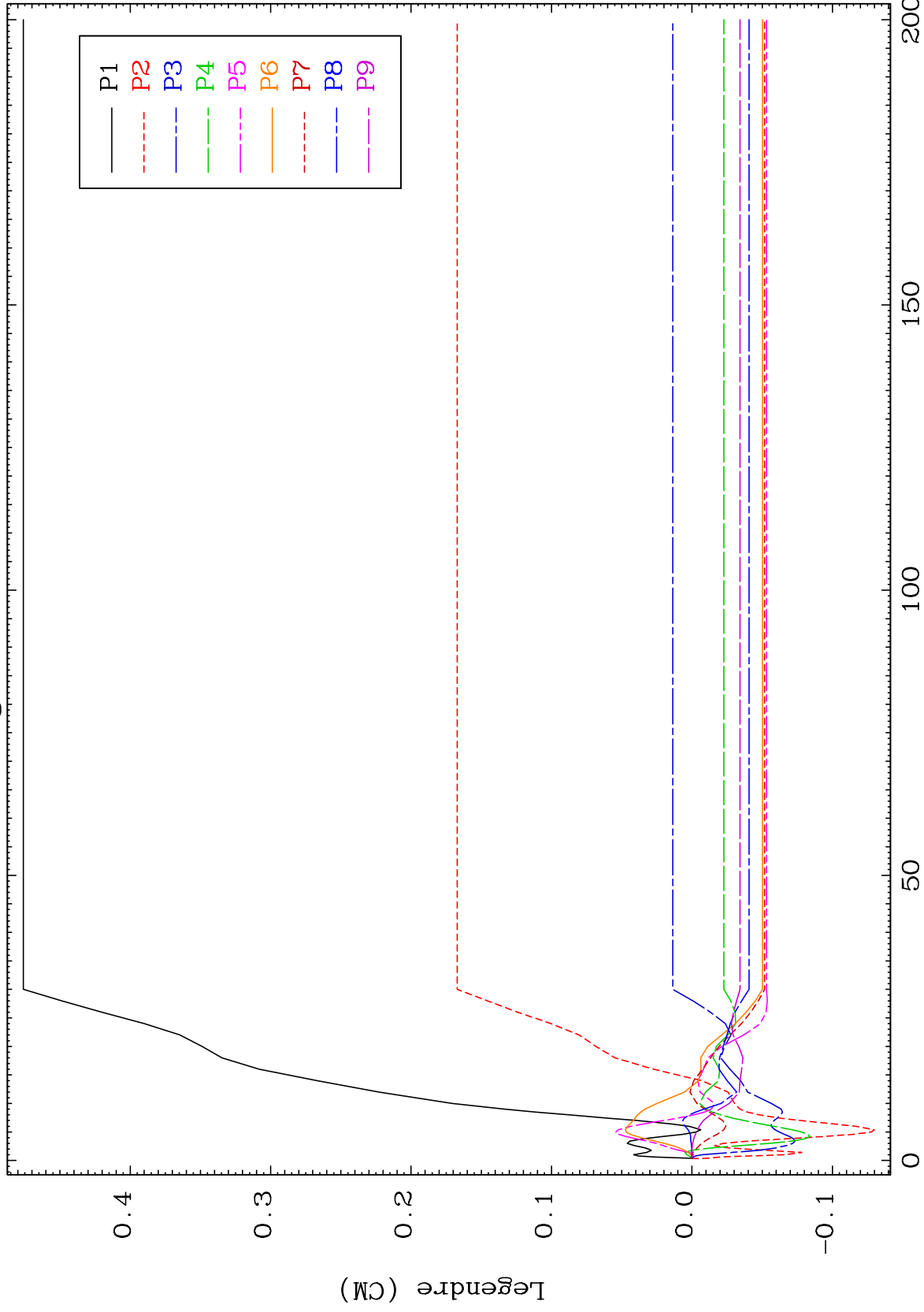
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

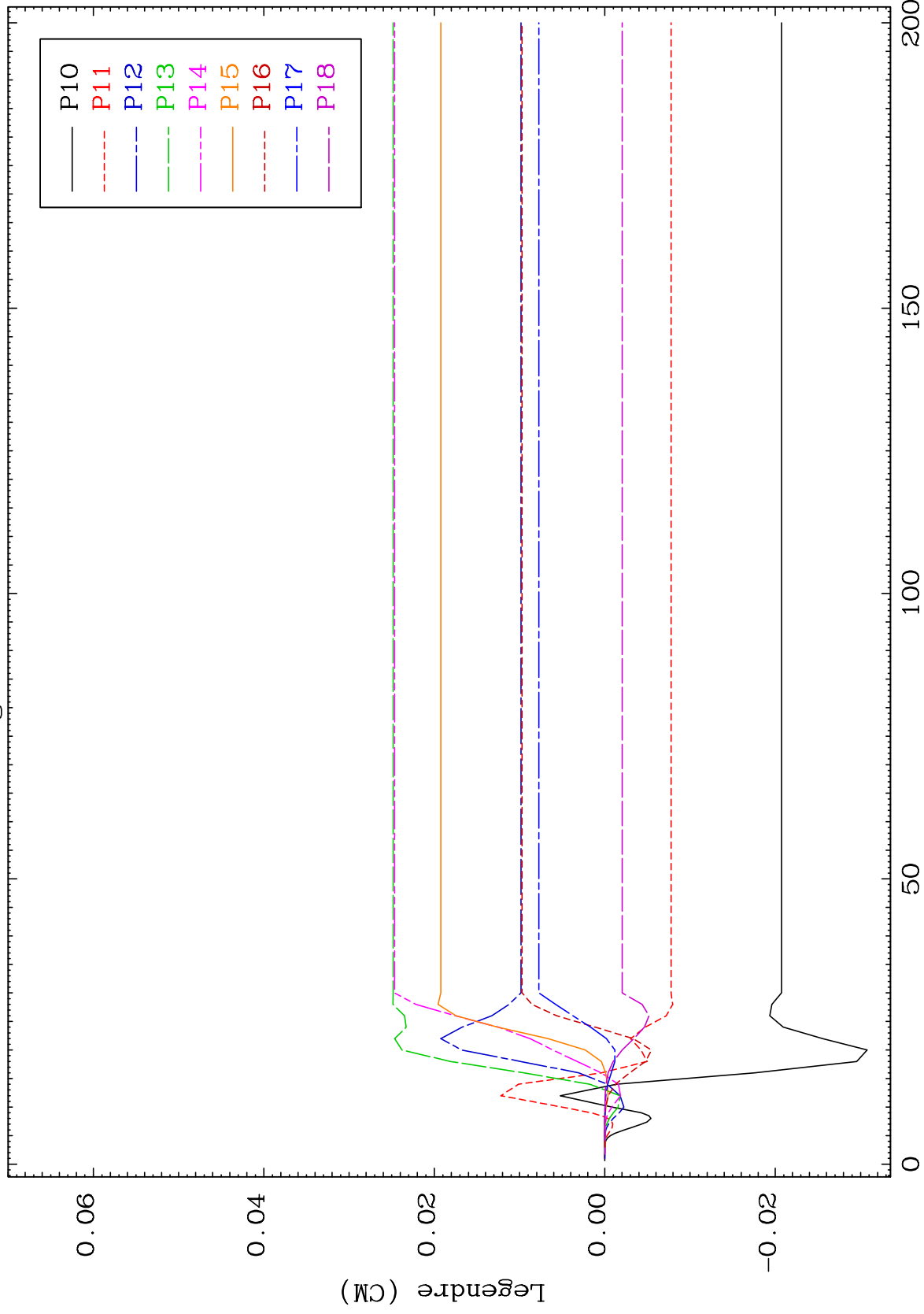
Incident Energy (MeV)

55

MAT 6364

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

63-Eu-164



56

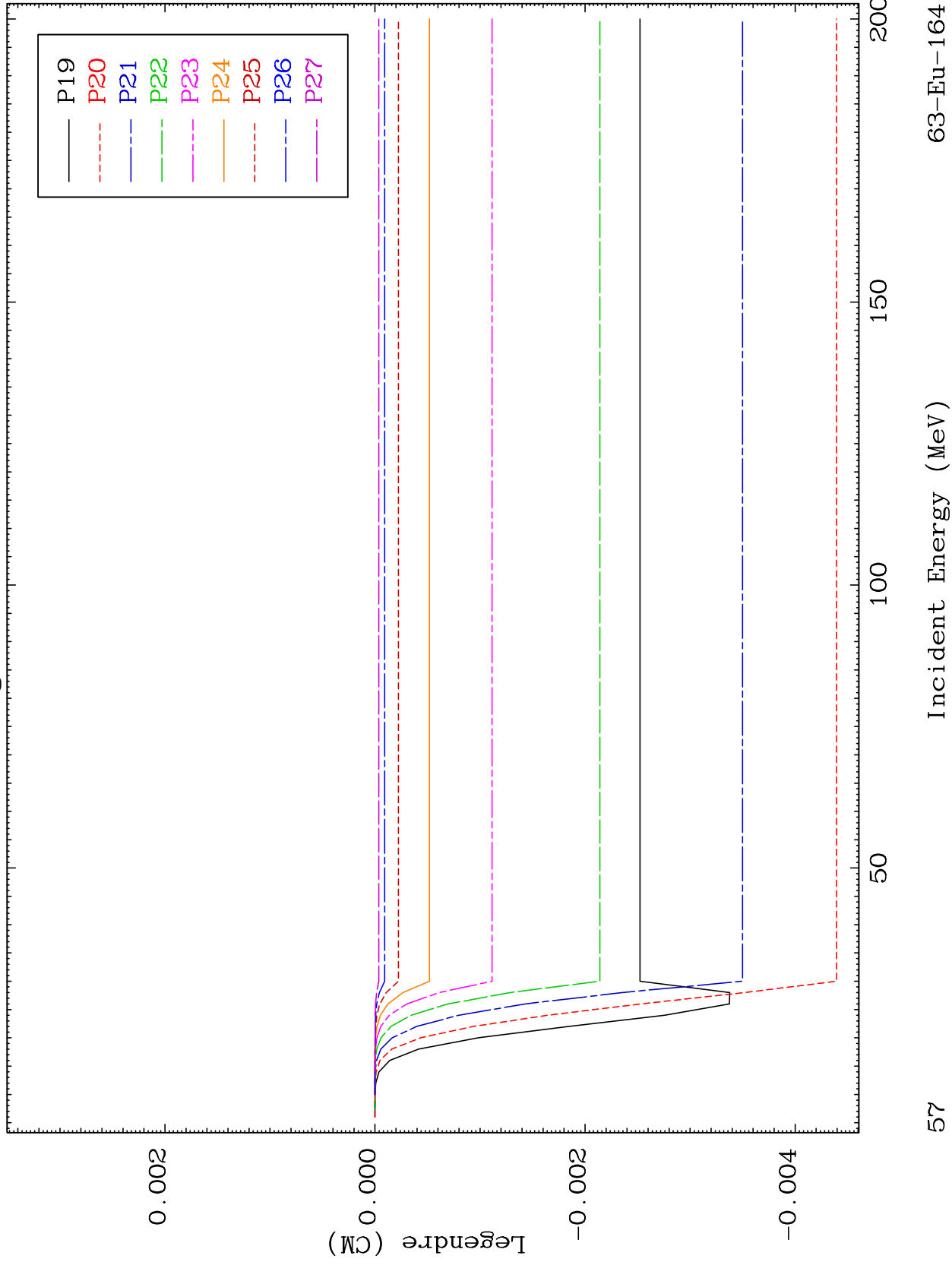
Incident Energy (MeV)

63-Eu-164

MAT 6364

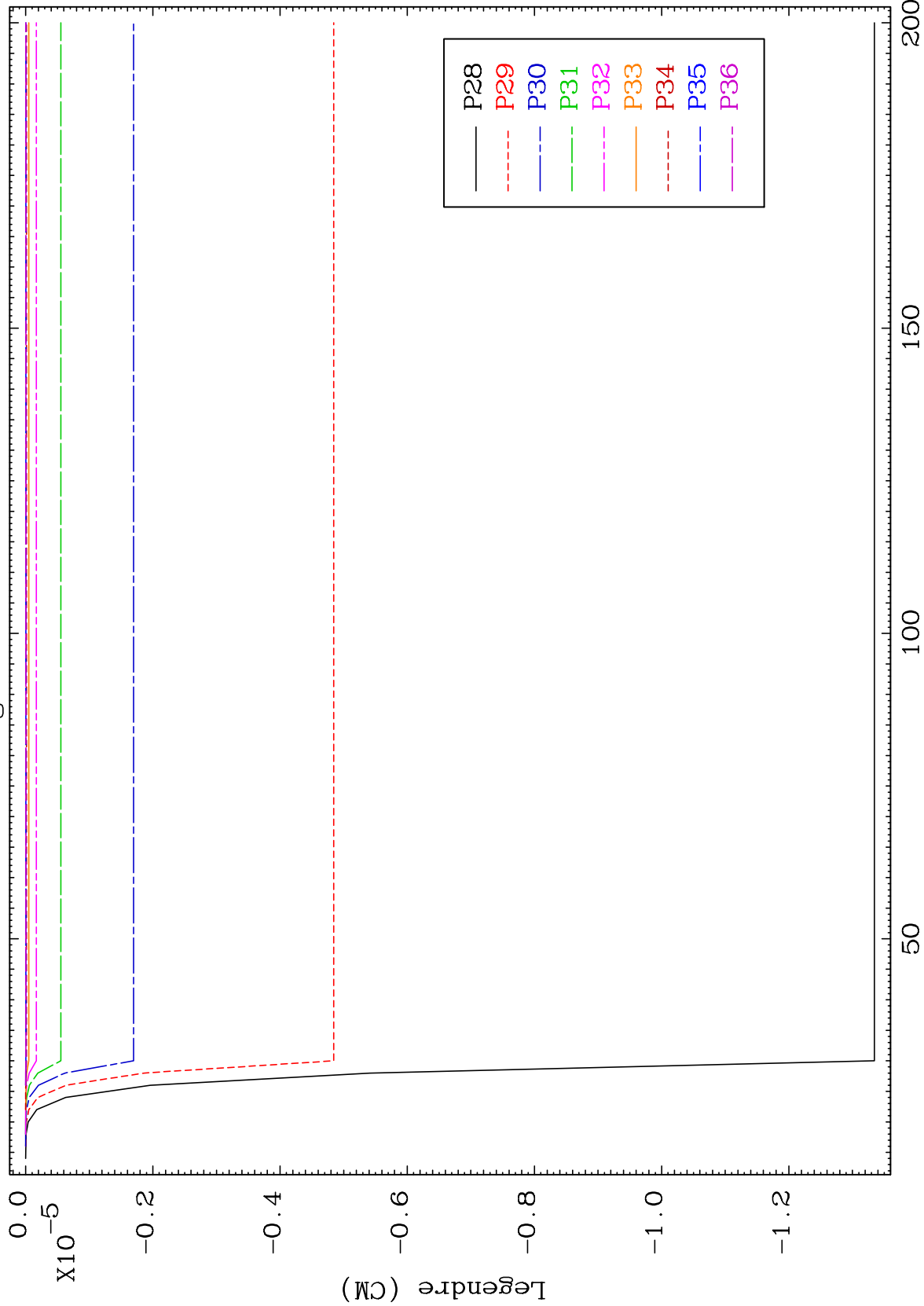
MT= 61 (n,n') Level
Legendre Coefficients

63-Eu-164



57

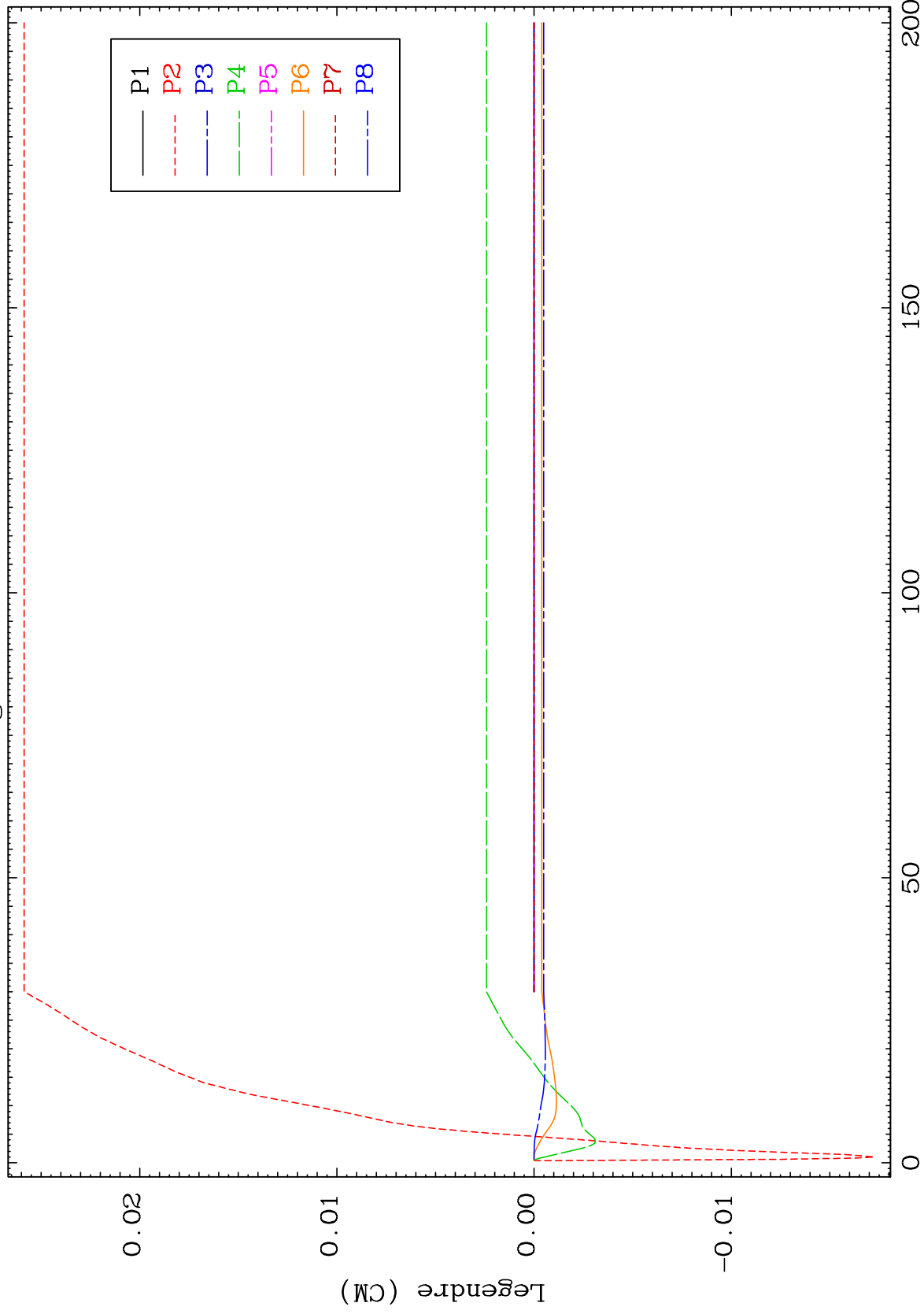
63-Eu-164



MAT 6364

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

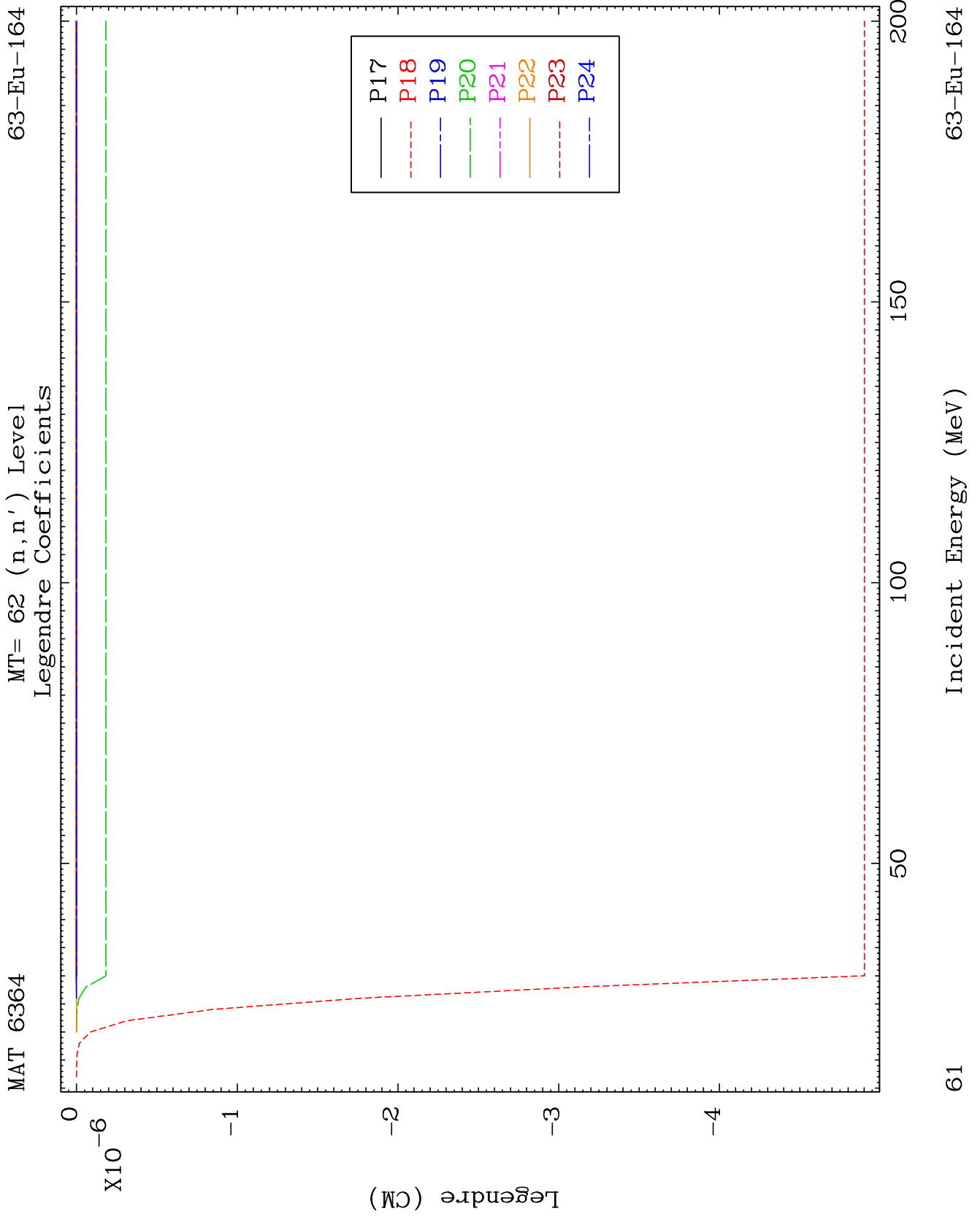
63-Eu-164



63-Eu-164

Incident Energy (MeV)

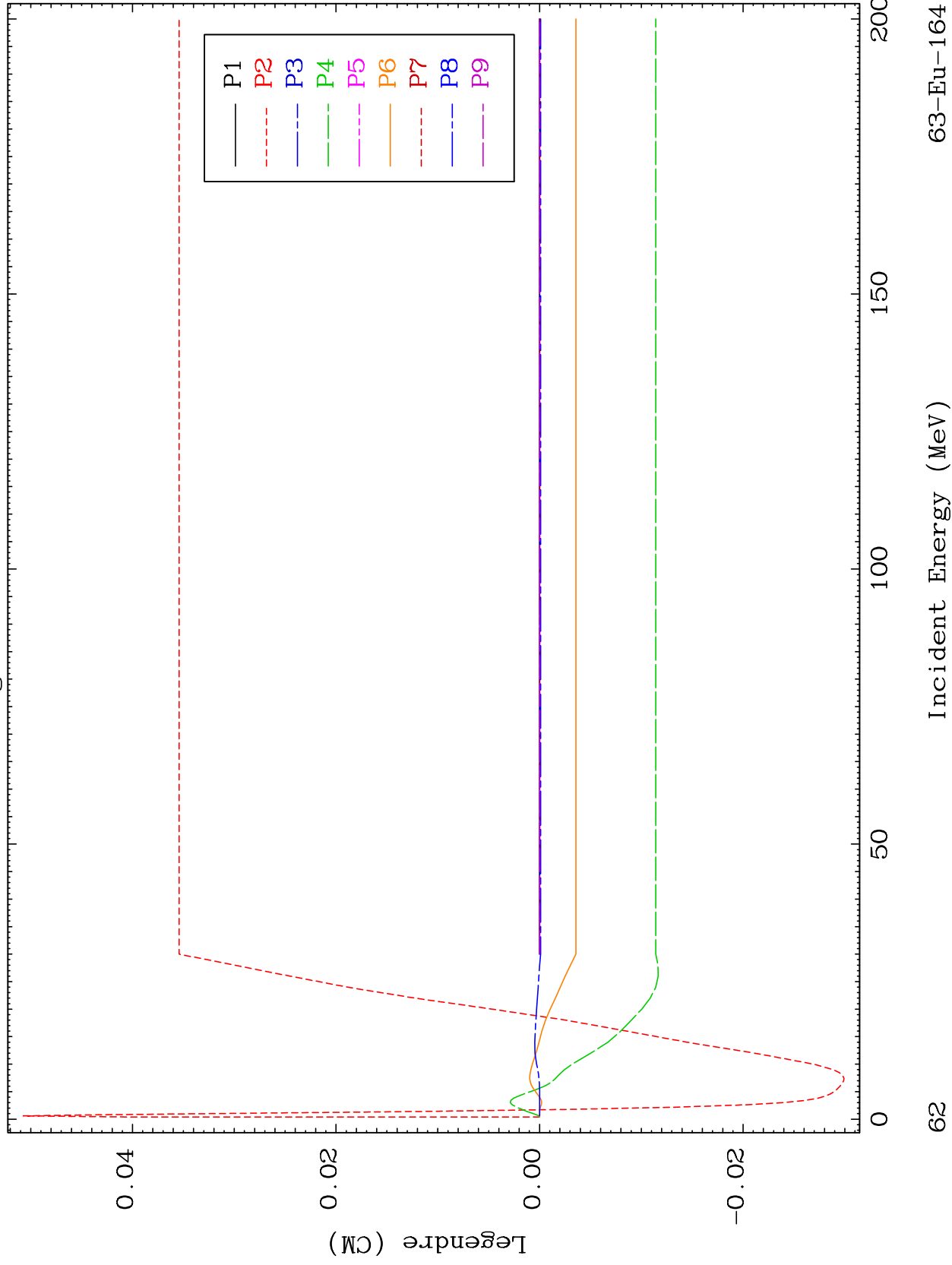
59



MAT 6364

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

63-Eu-164



63-Eu-164

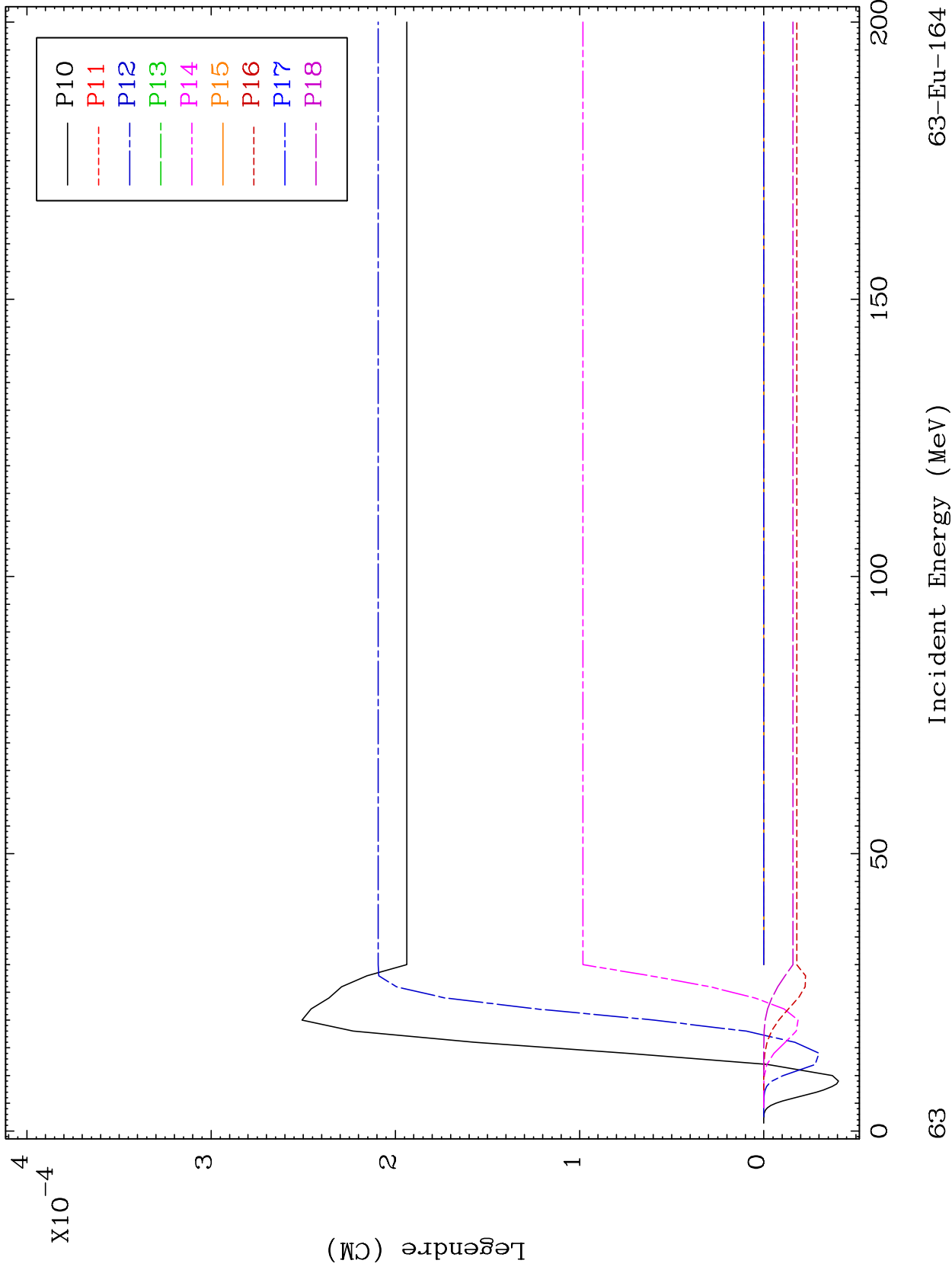
Incident Energy (MeV)

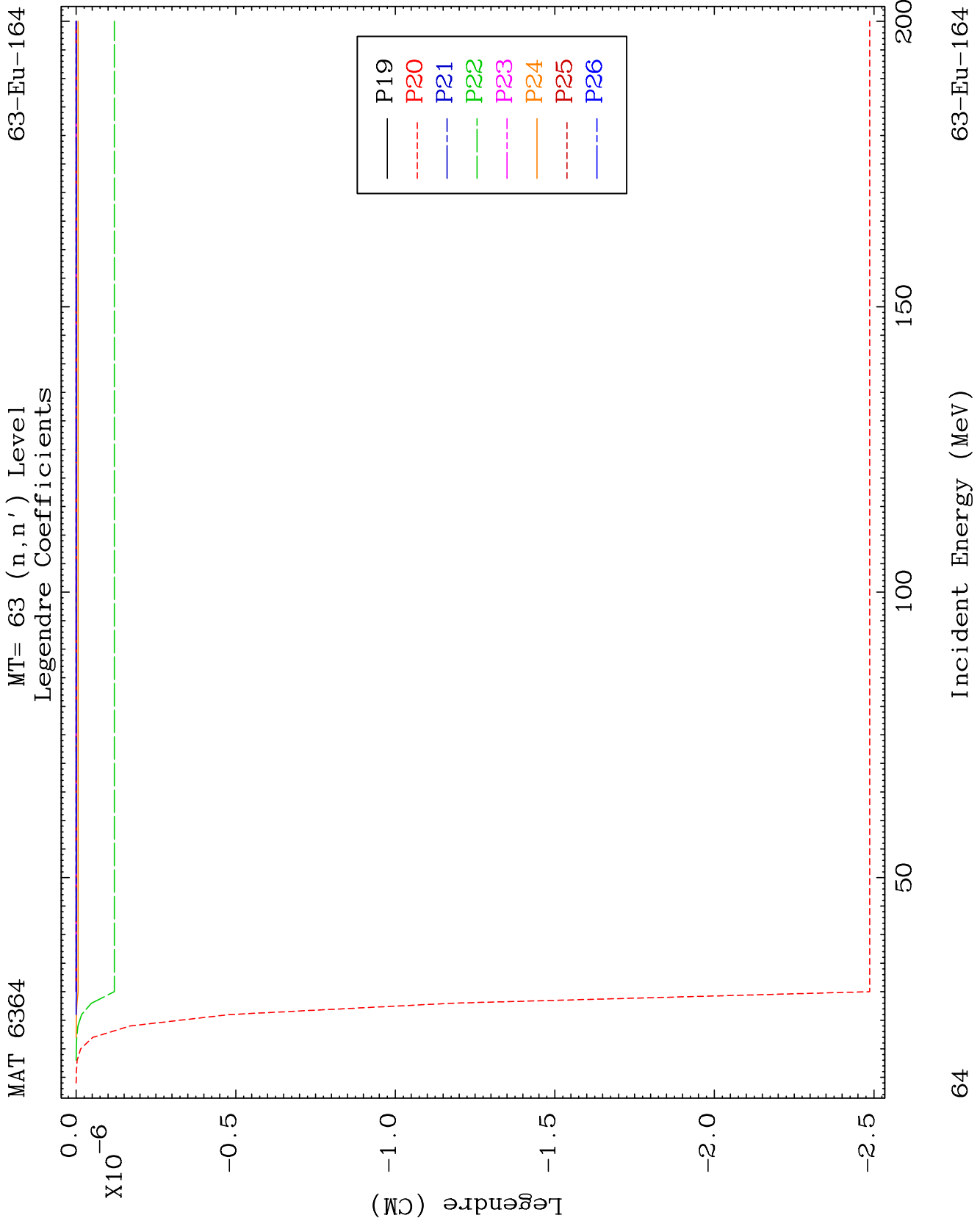
62

MAT 6364

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

63-Eu-164





63-Eu-164

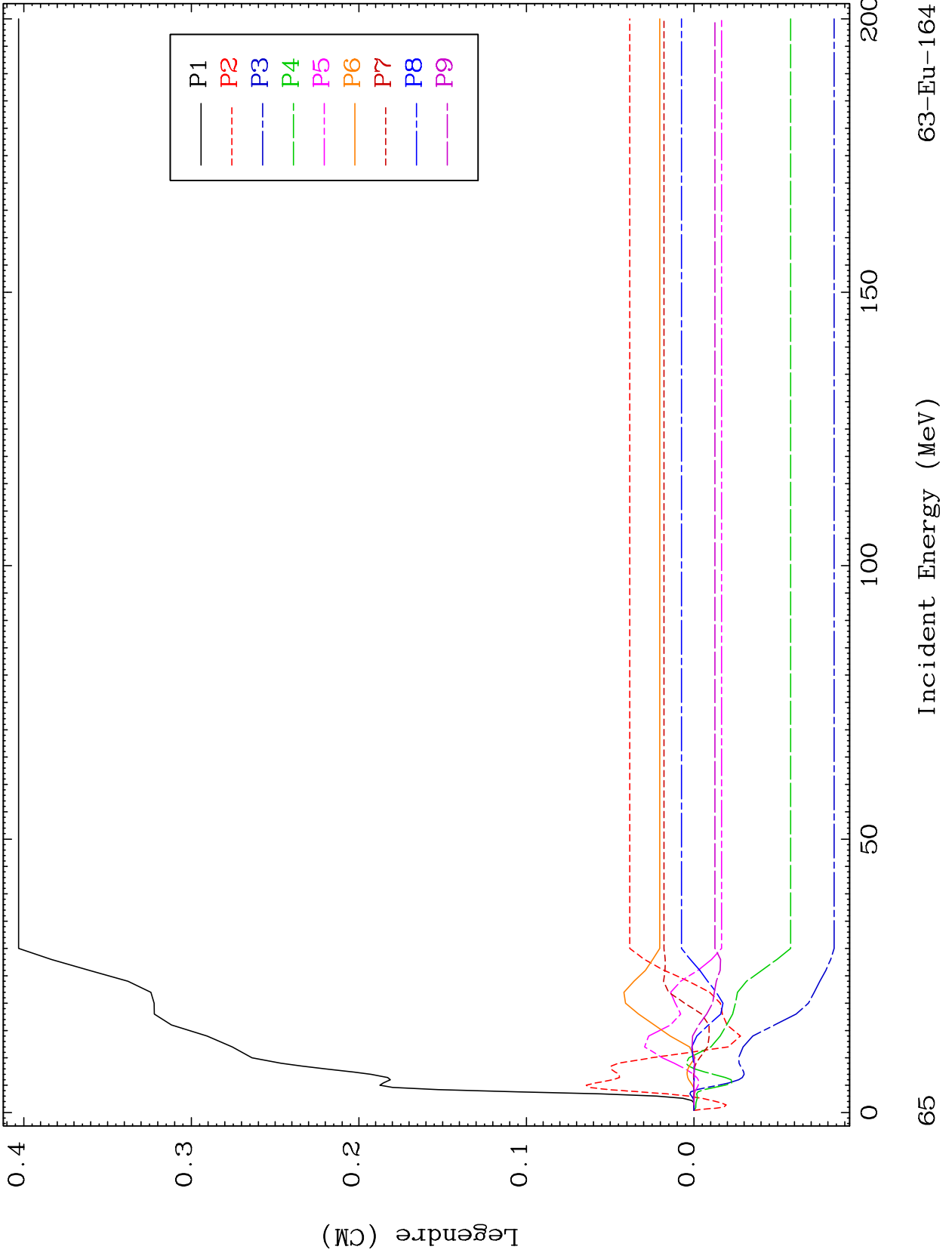
Incident Energy (MeV)

64

MAT 6364

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

63-Eu-164



65

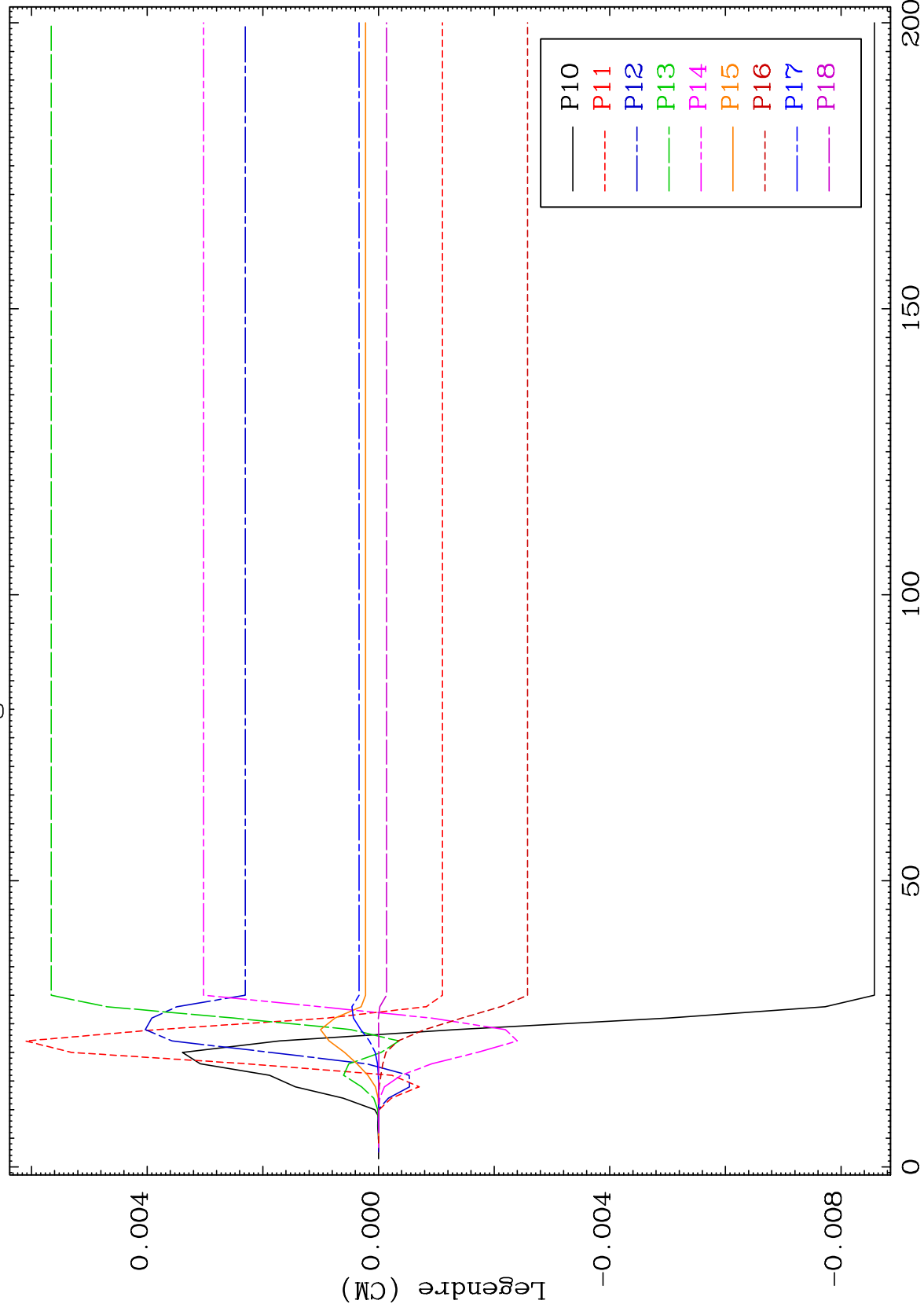
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



66

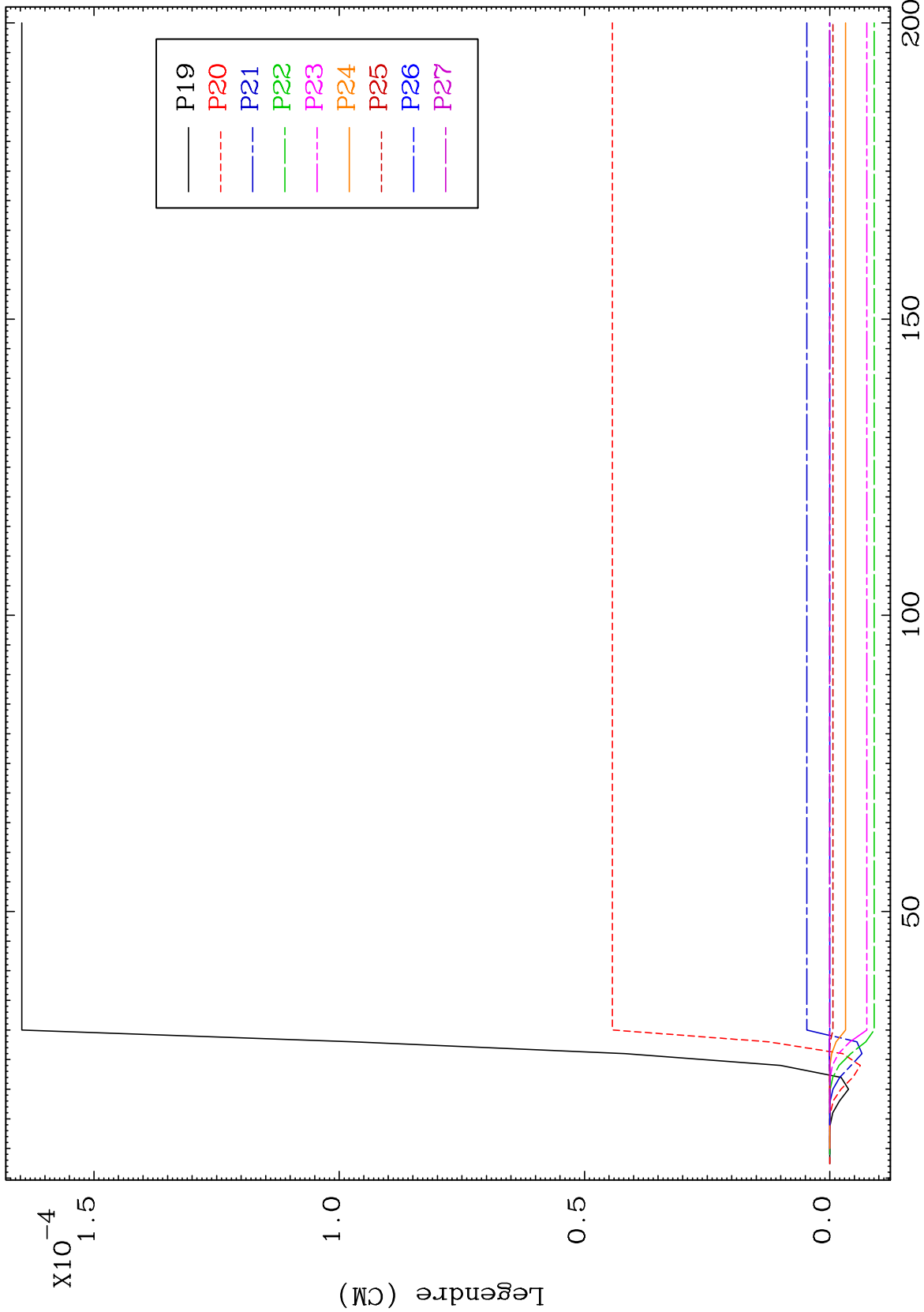
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



67

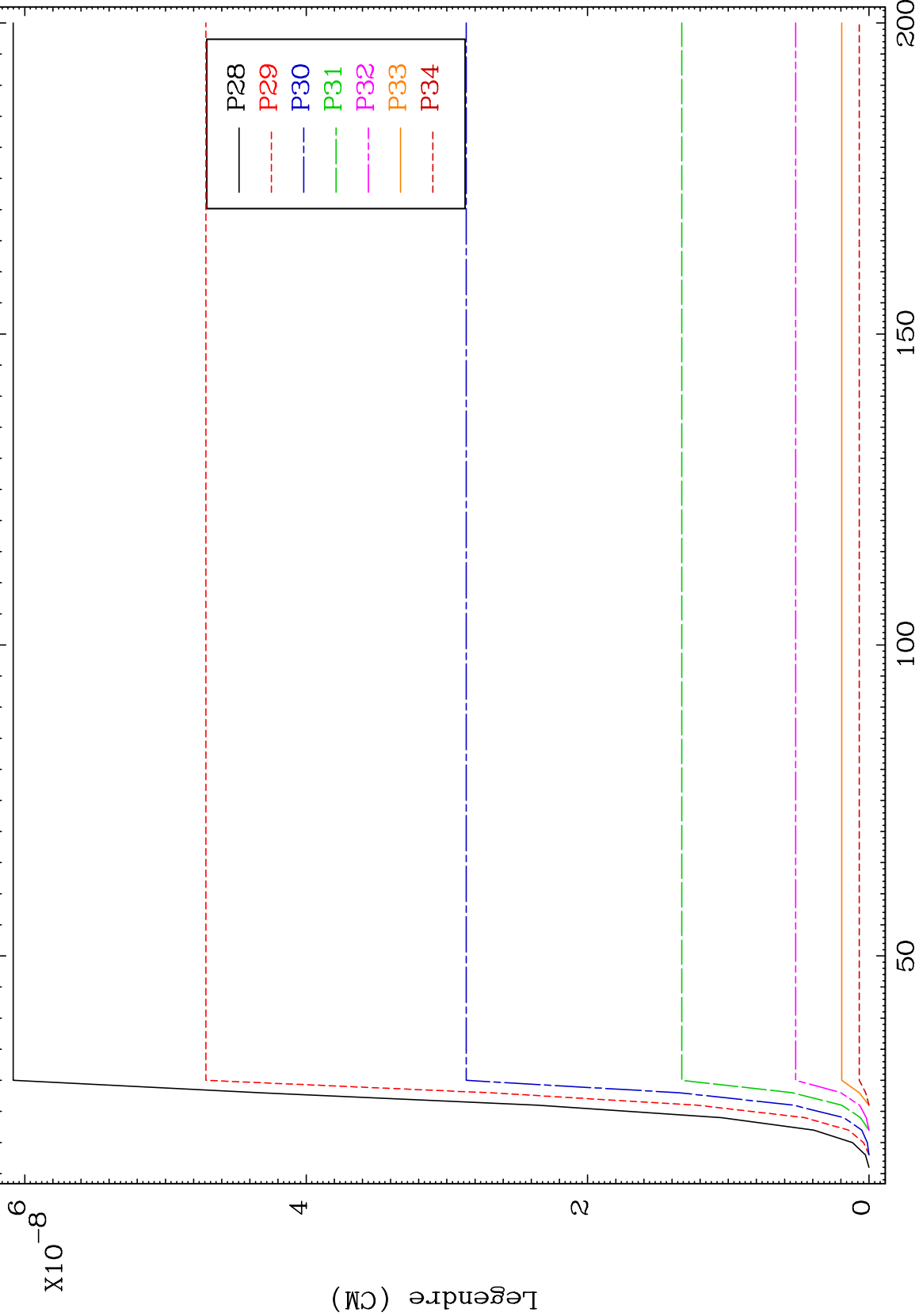
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



68

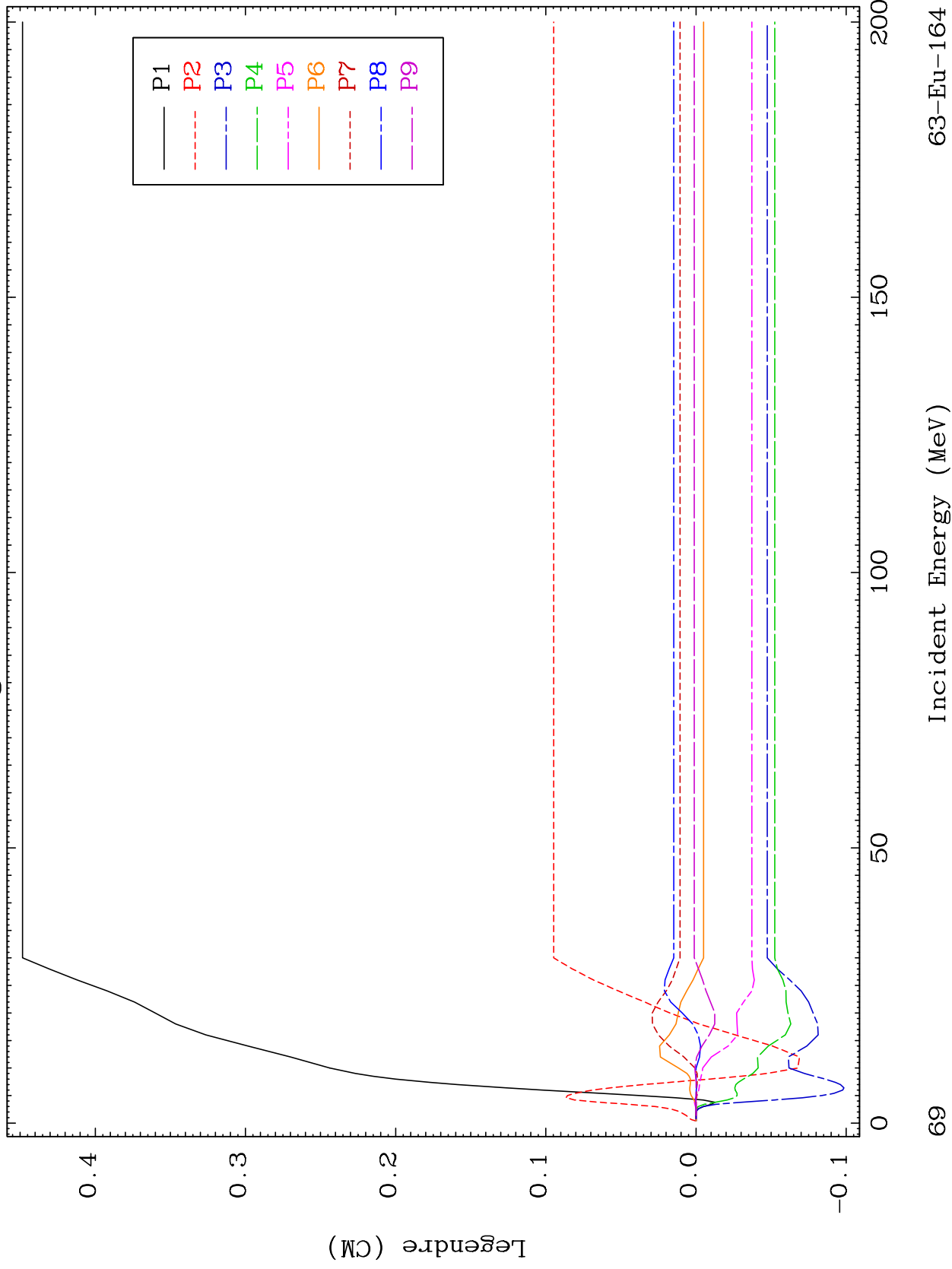
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

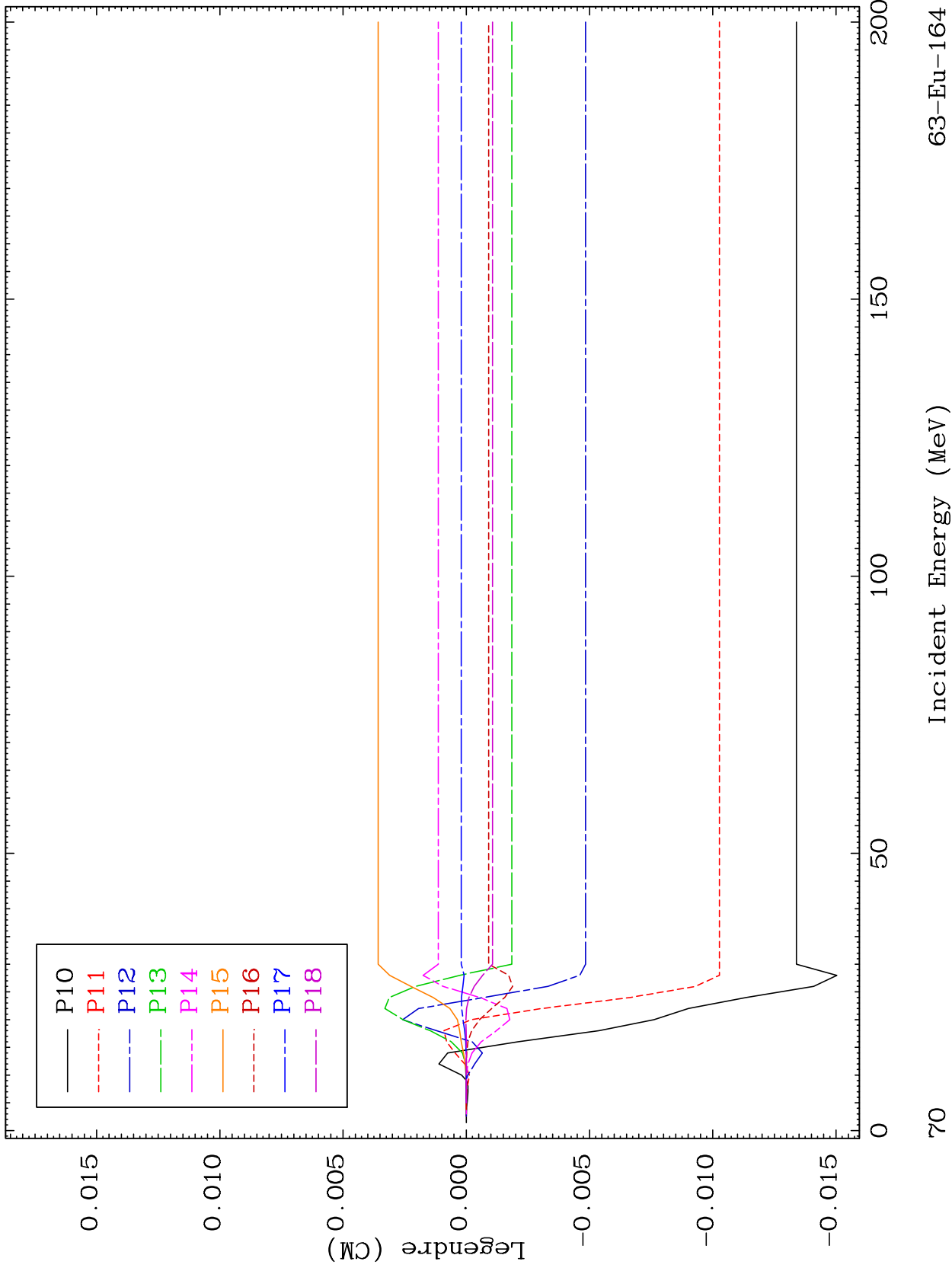
Incident Energy (MeV)

69

MAT 6364

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

63-Eu-164



63-Eu-164

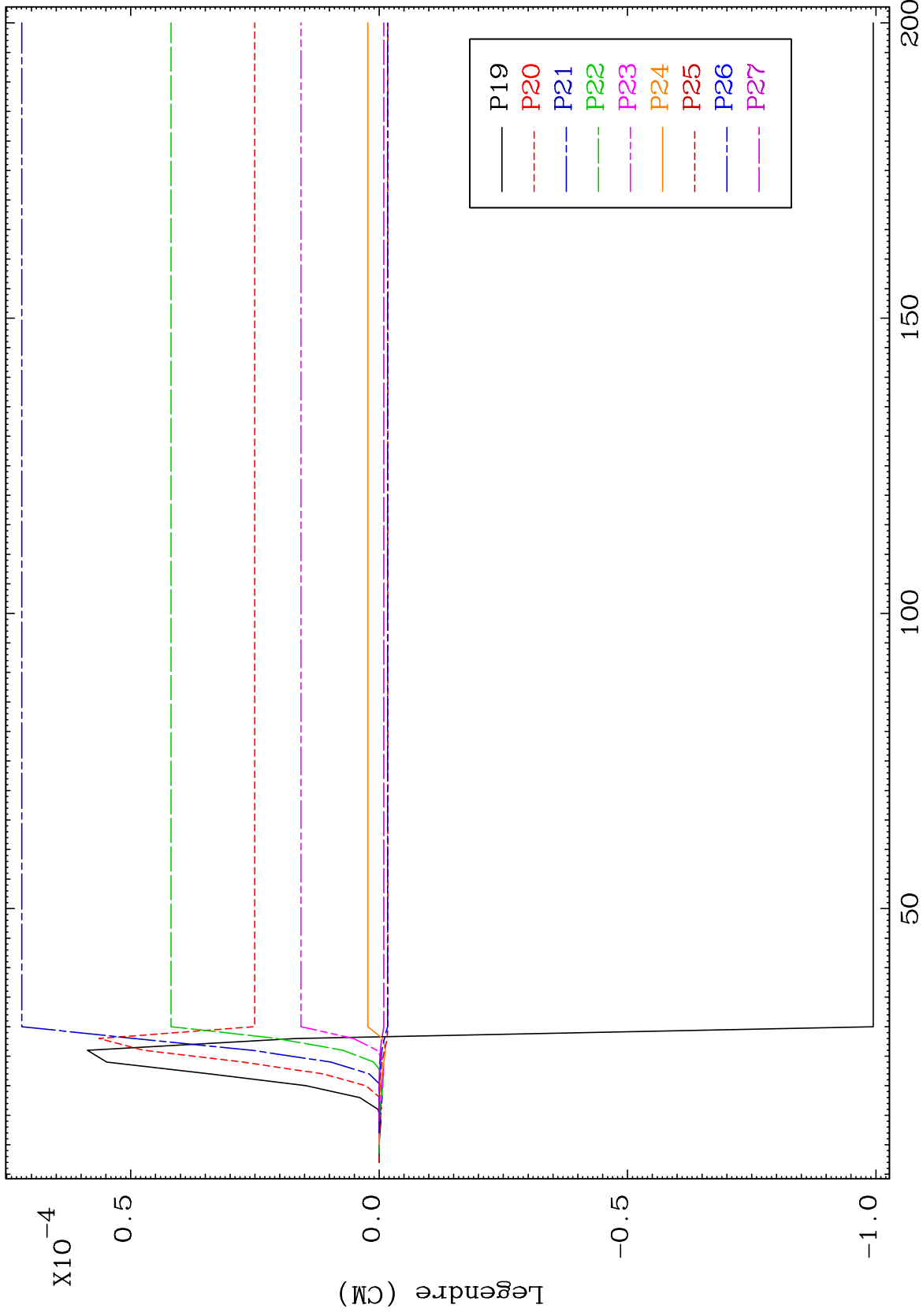
Incident Energy (MeV)

70

MAT 6364

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

63-Eu-164



71

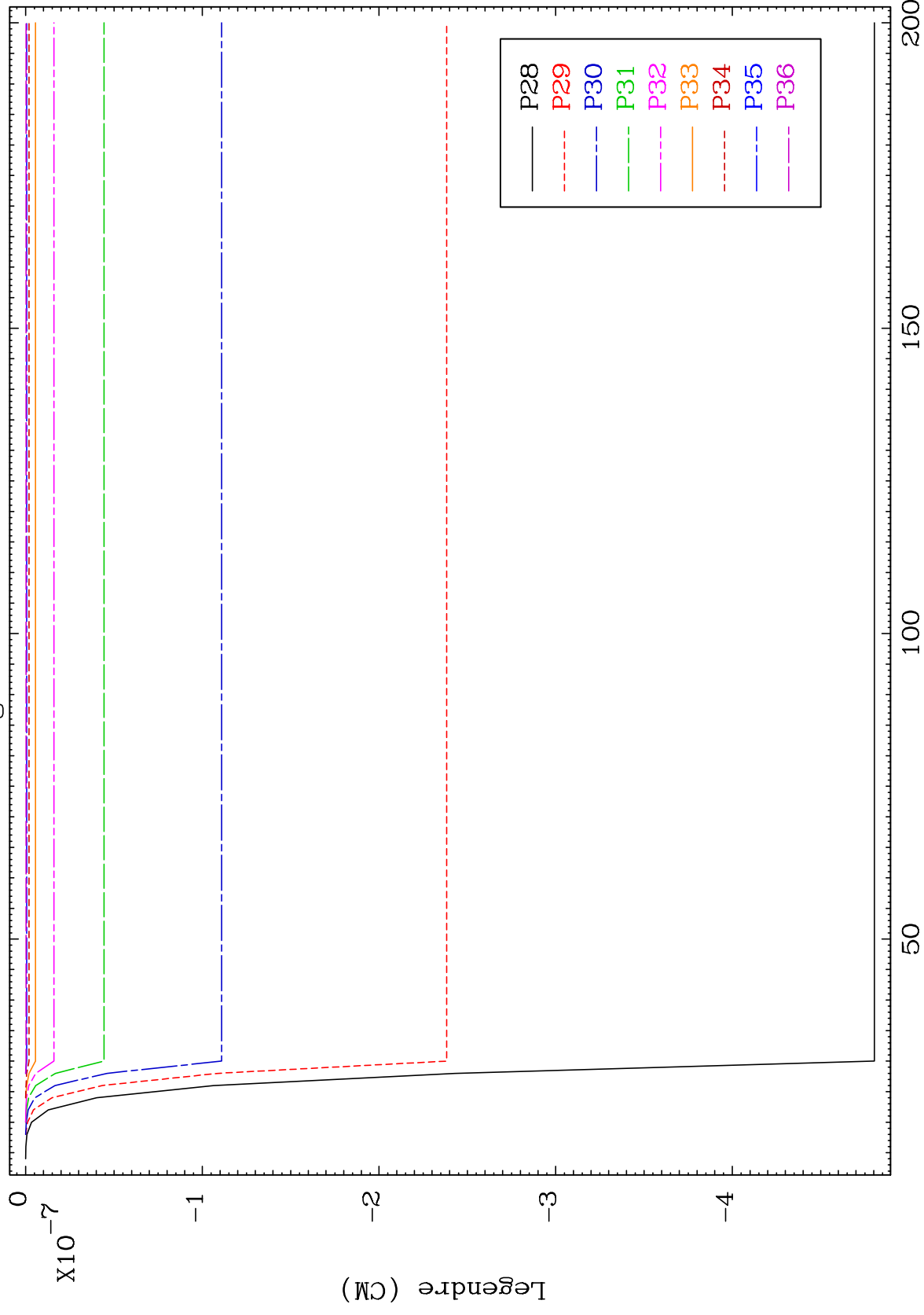
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



72

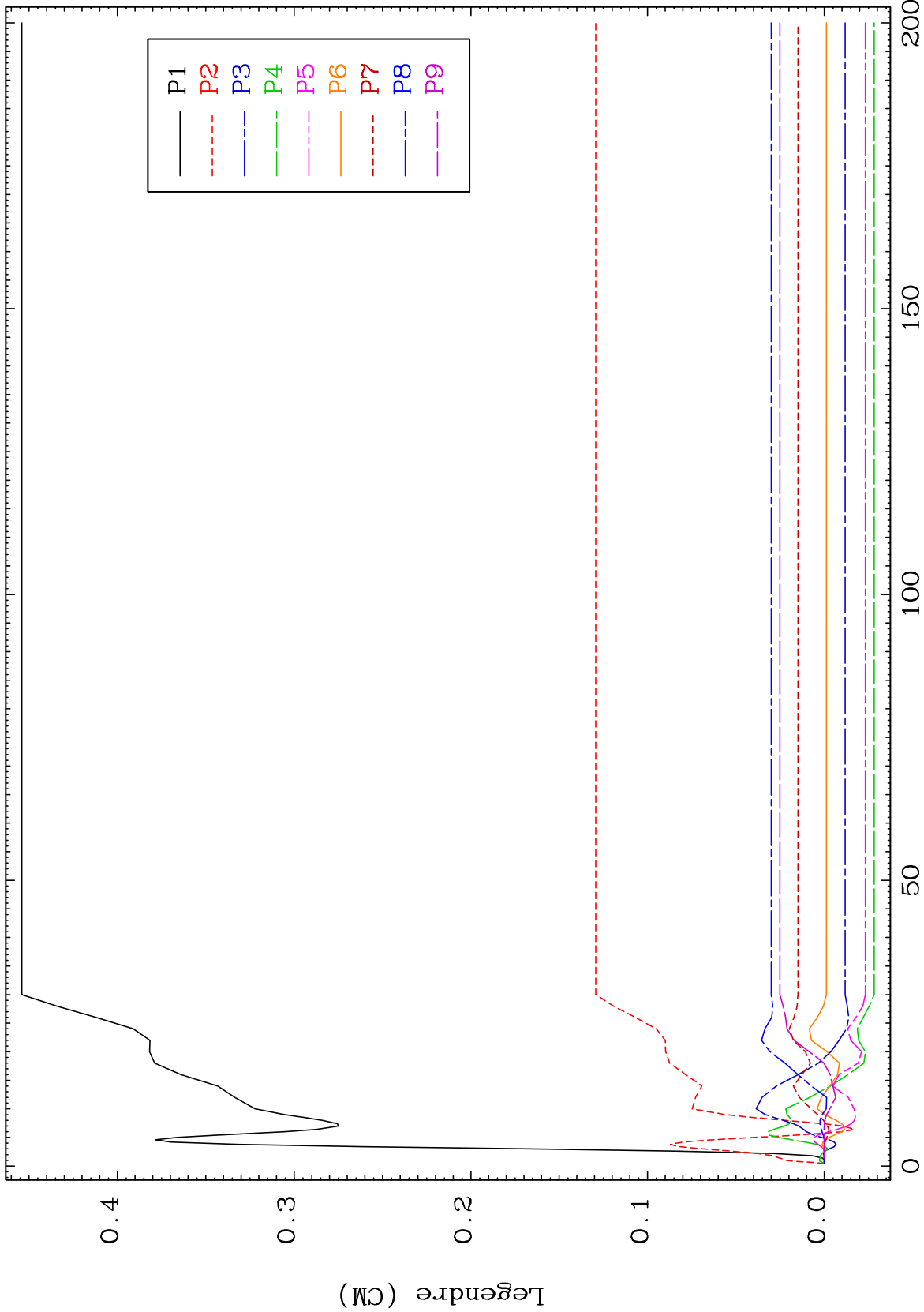
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



73

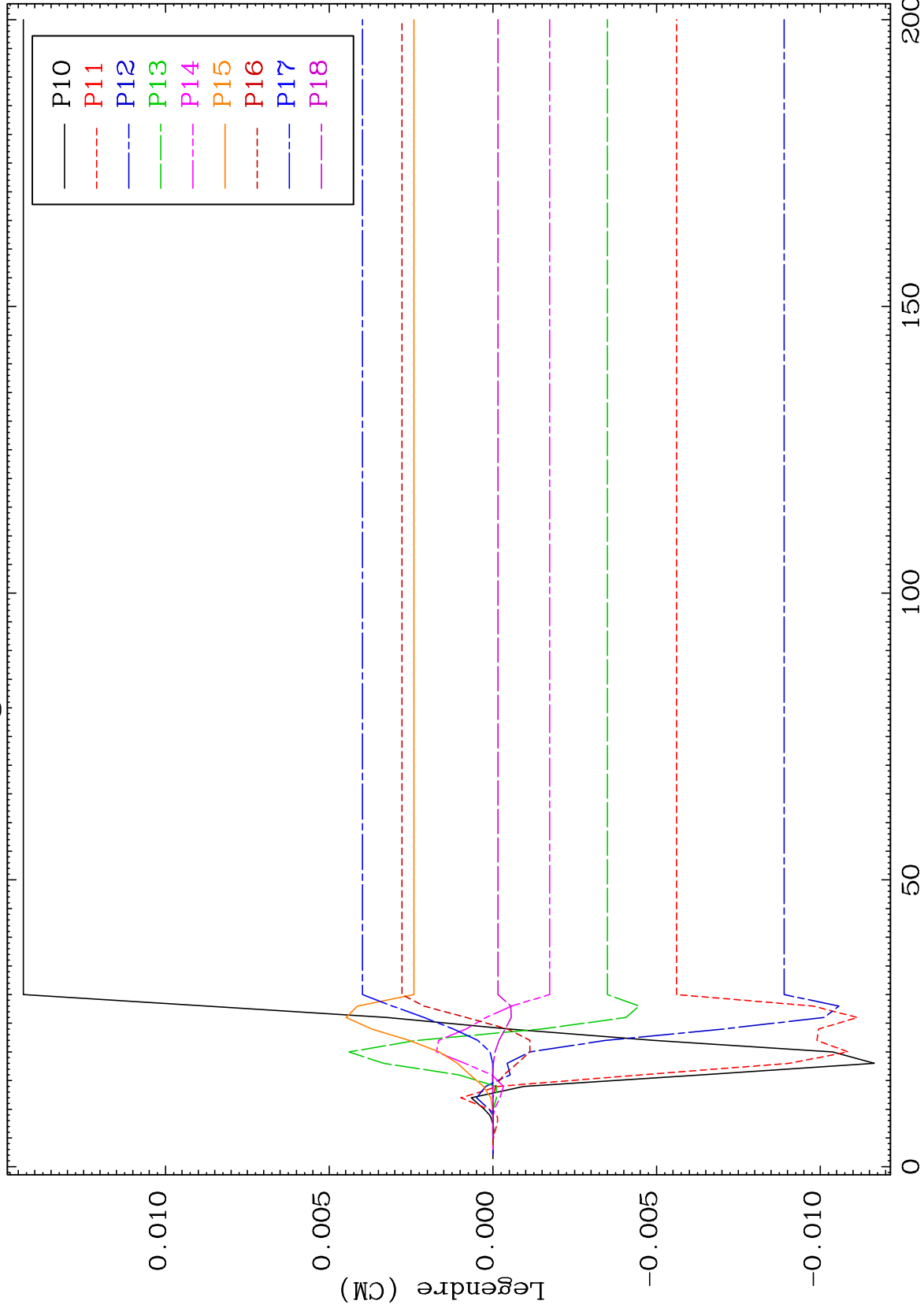
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

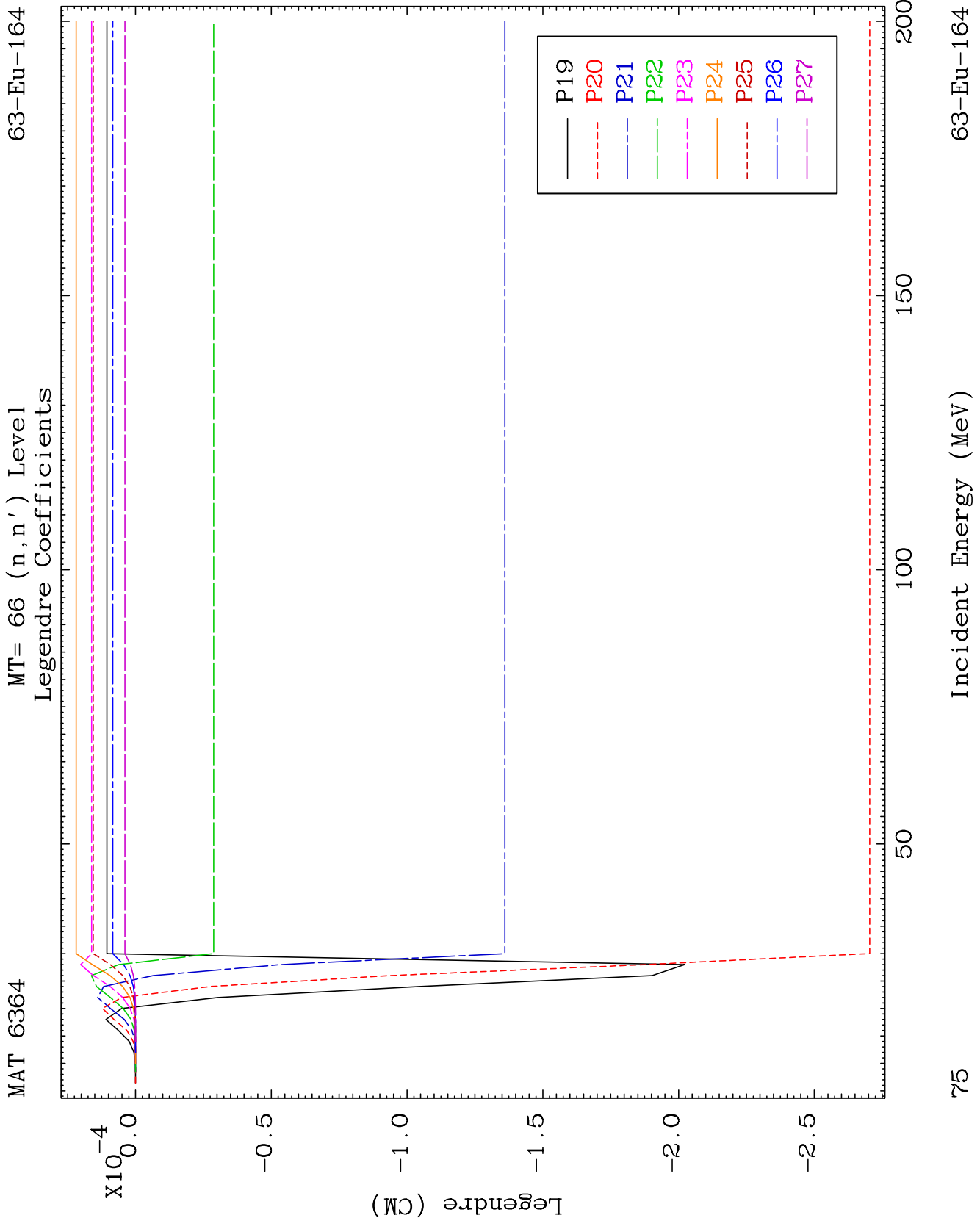
63-Eu-164



74

Incident Energy (MeV)

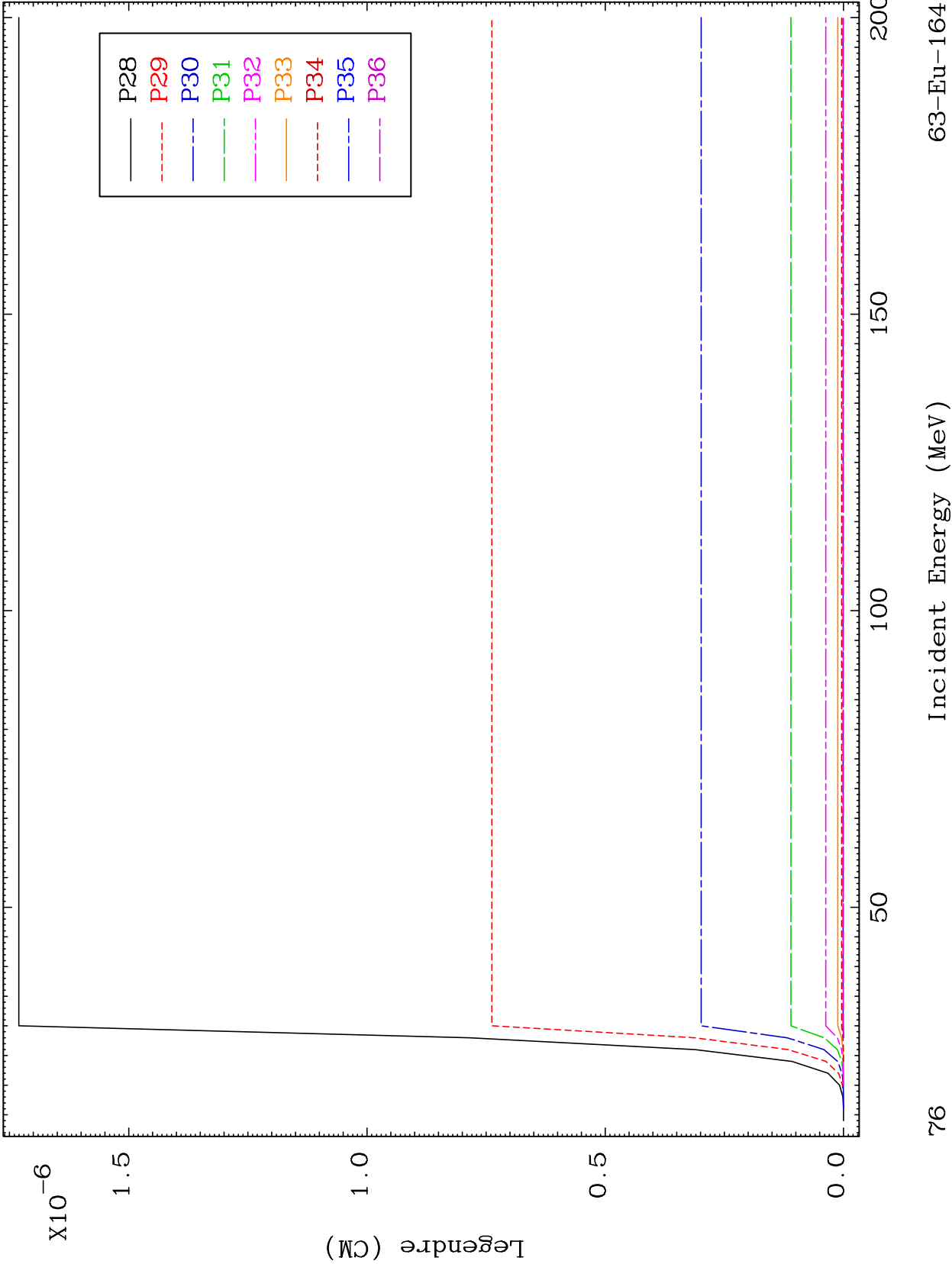
63-Eu-164



MAT 6364

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

63-Eu-164

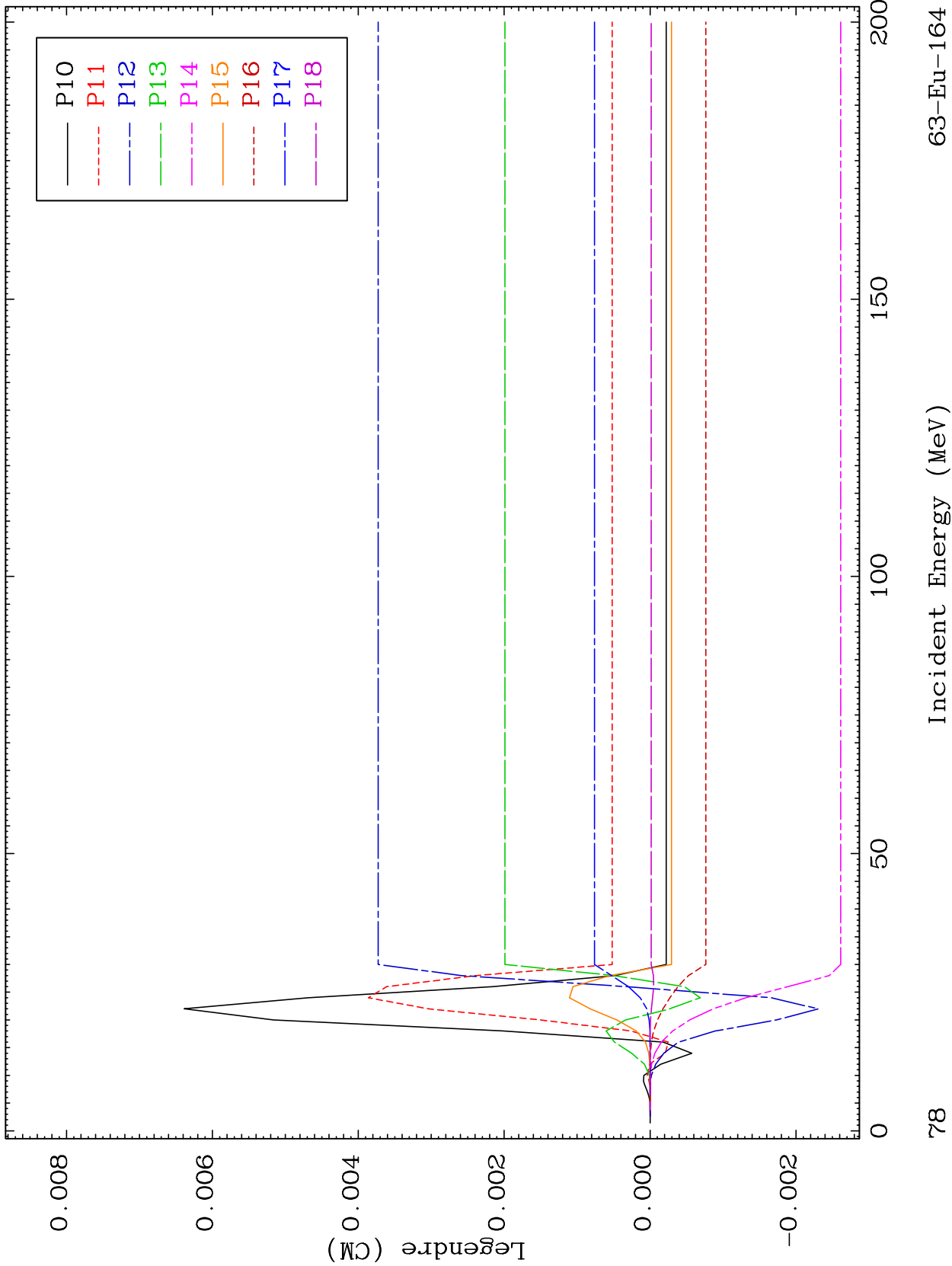


76

MAT 6364

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

63-Eu-164



78

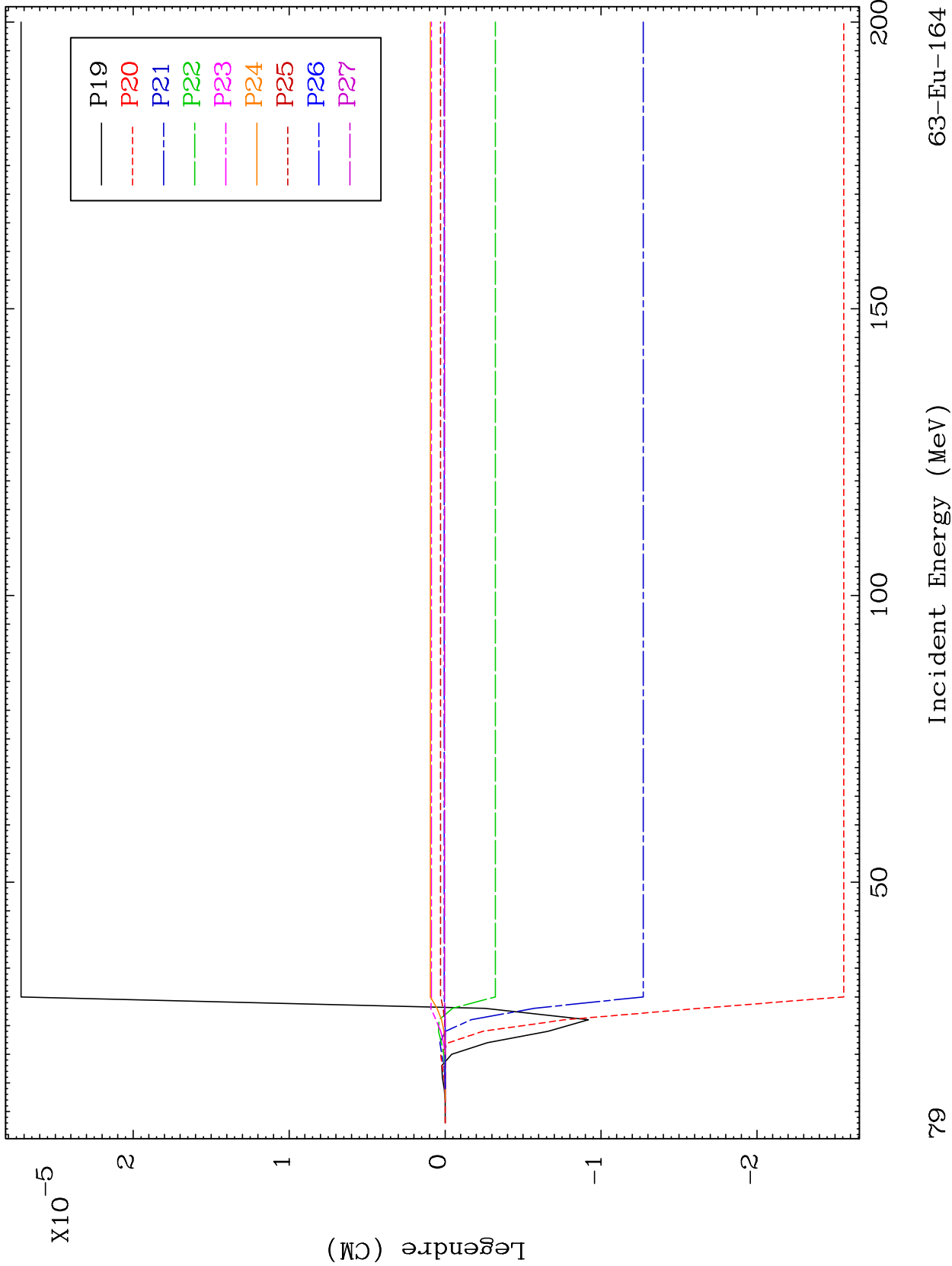
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



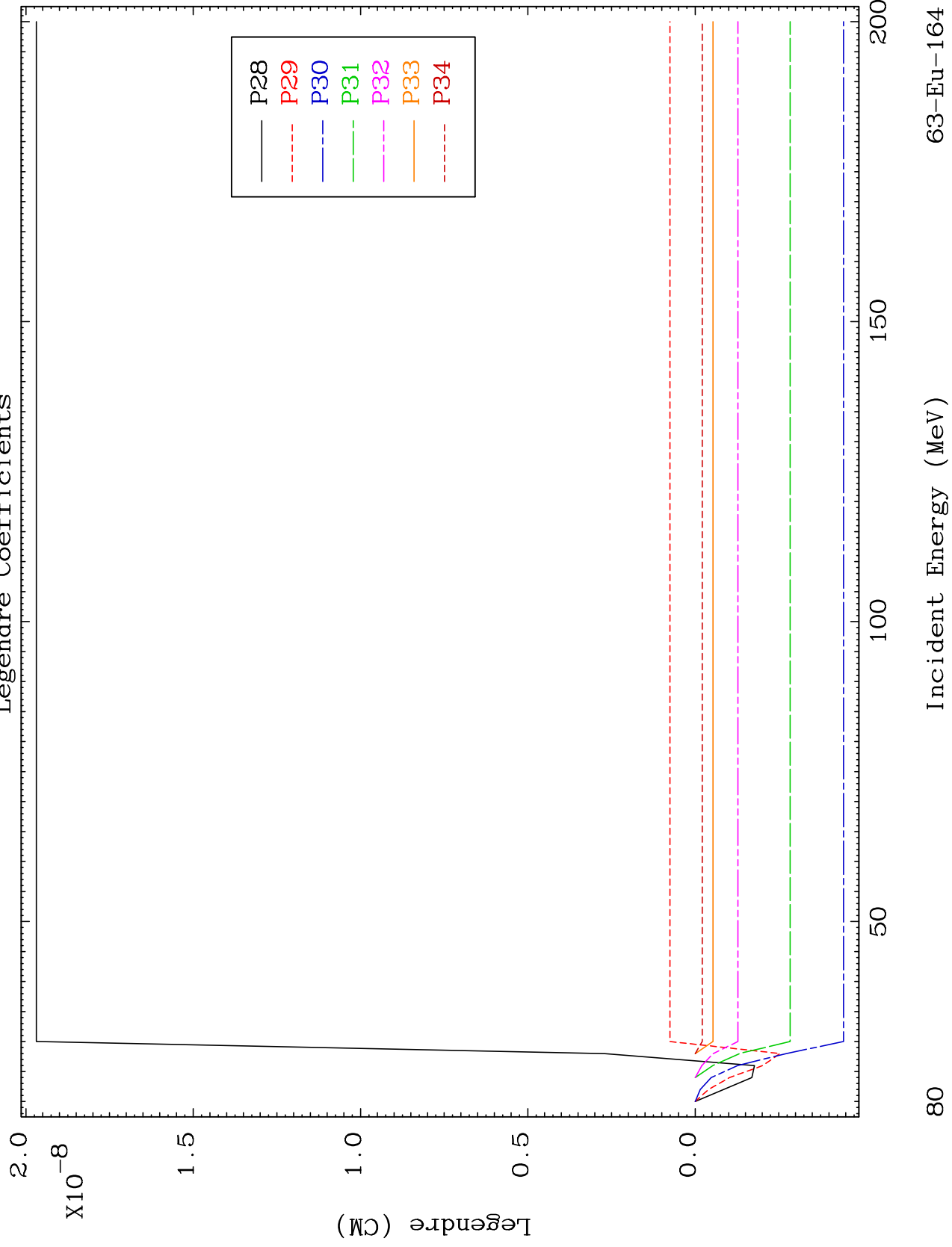
79

63-Eu-164

MAT 6364

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

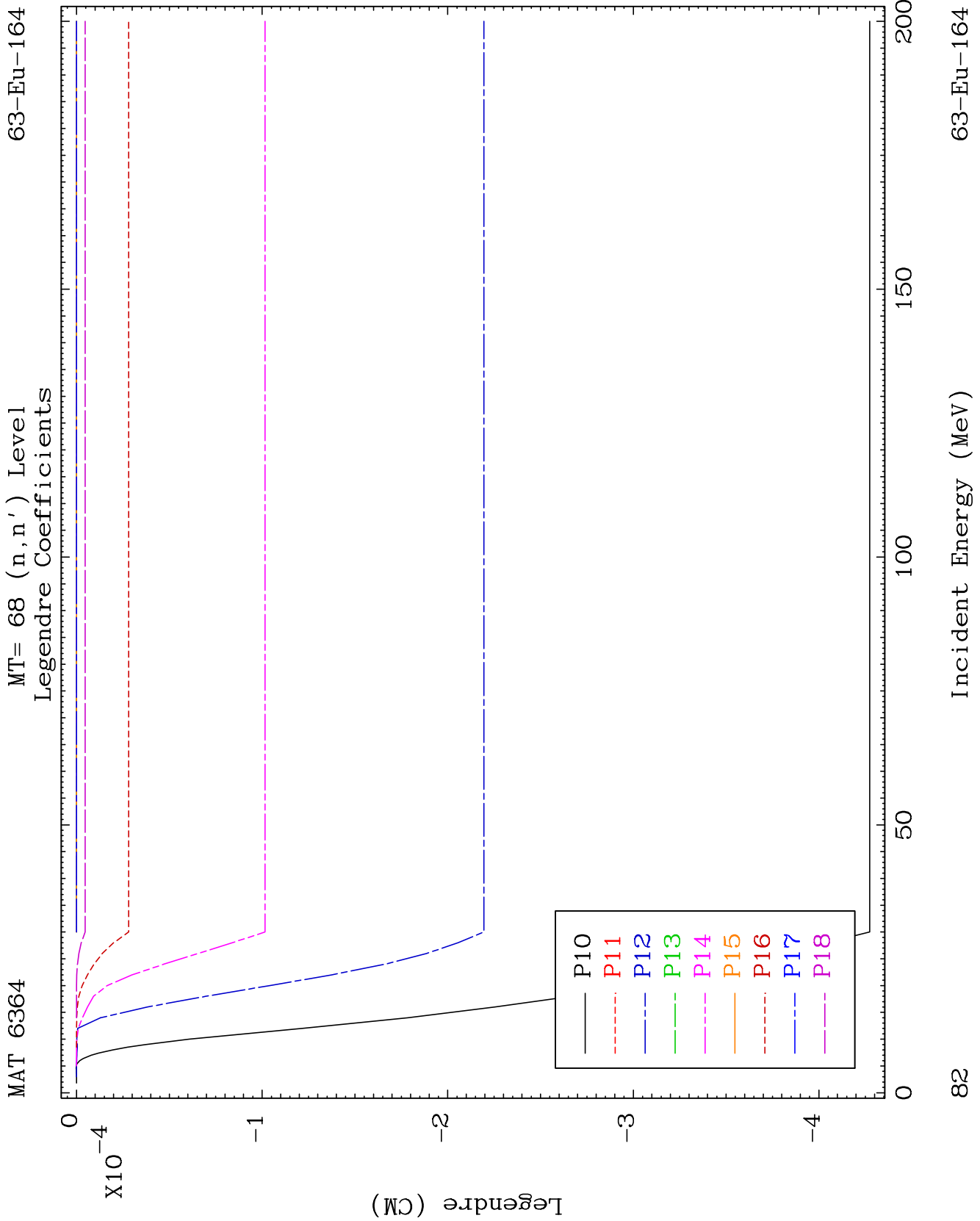
63-Eu-164



63-Eu-164

Incident Energy (MeV)

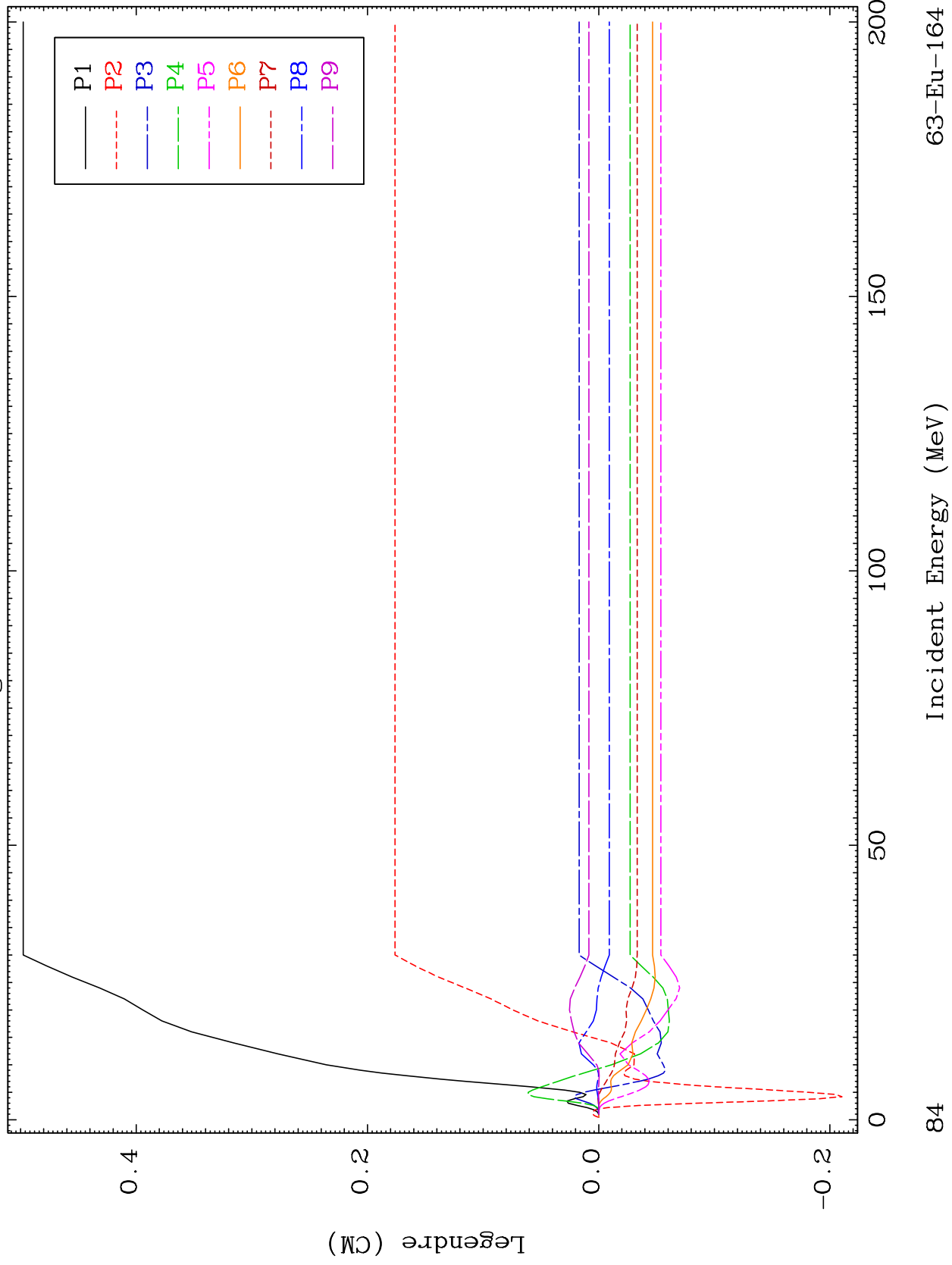
80



MAT 6364

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

63-Eu-164



63-Eu-164

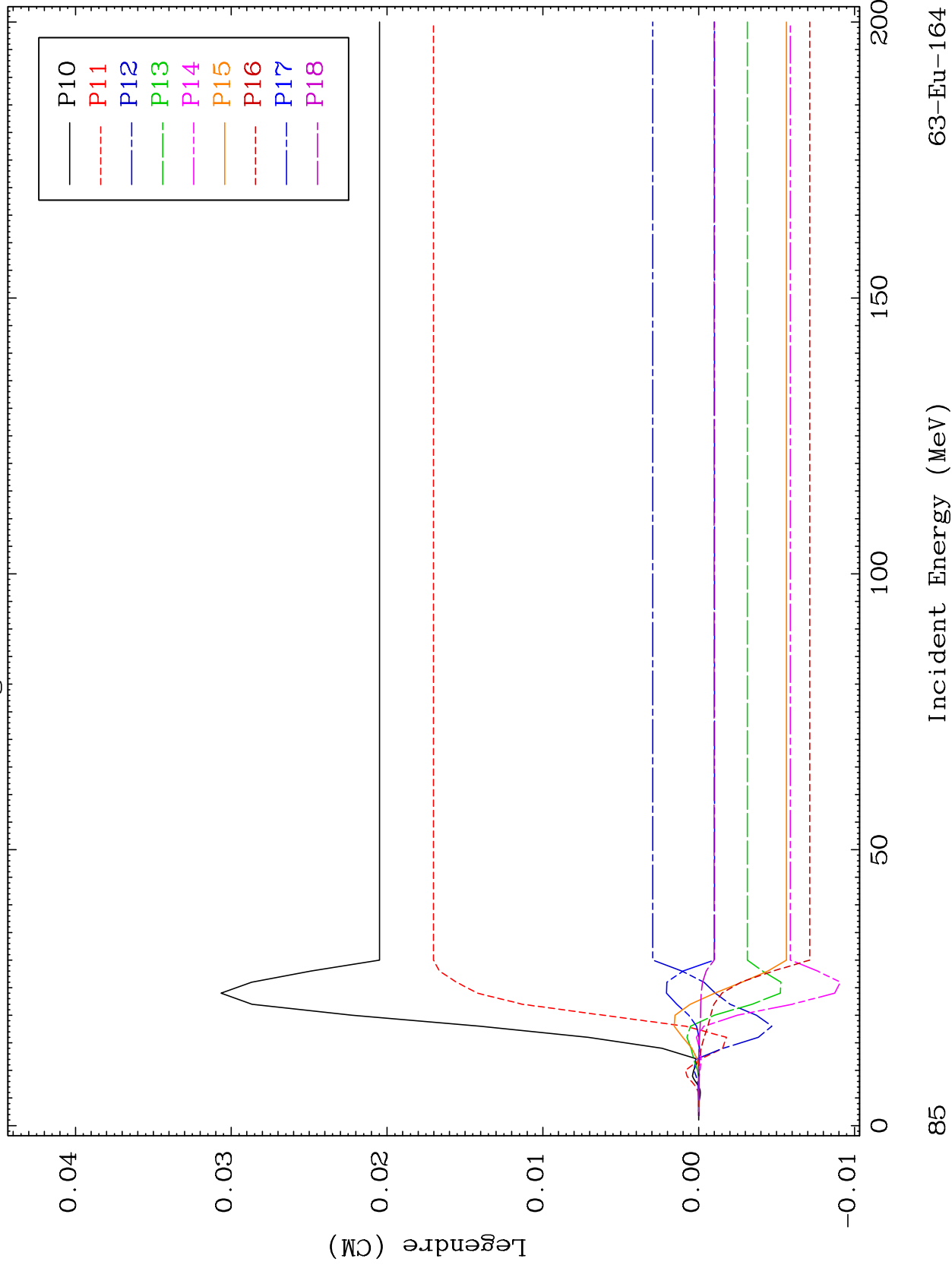
Incident Energy (MeV)

84

MAT 6364

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

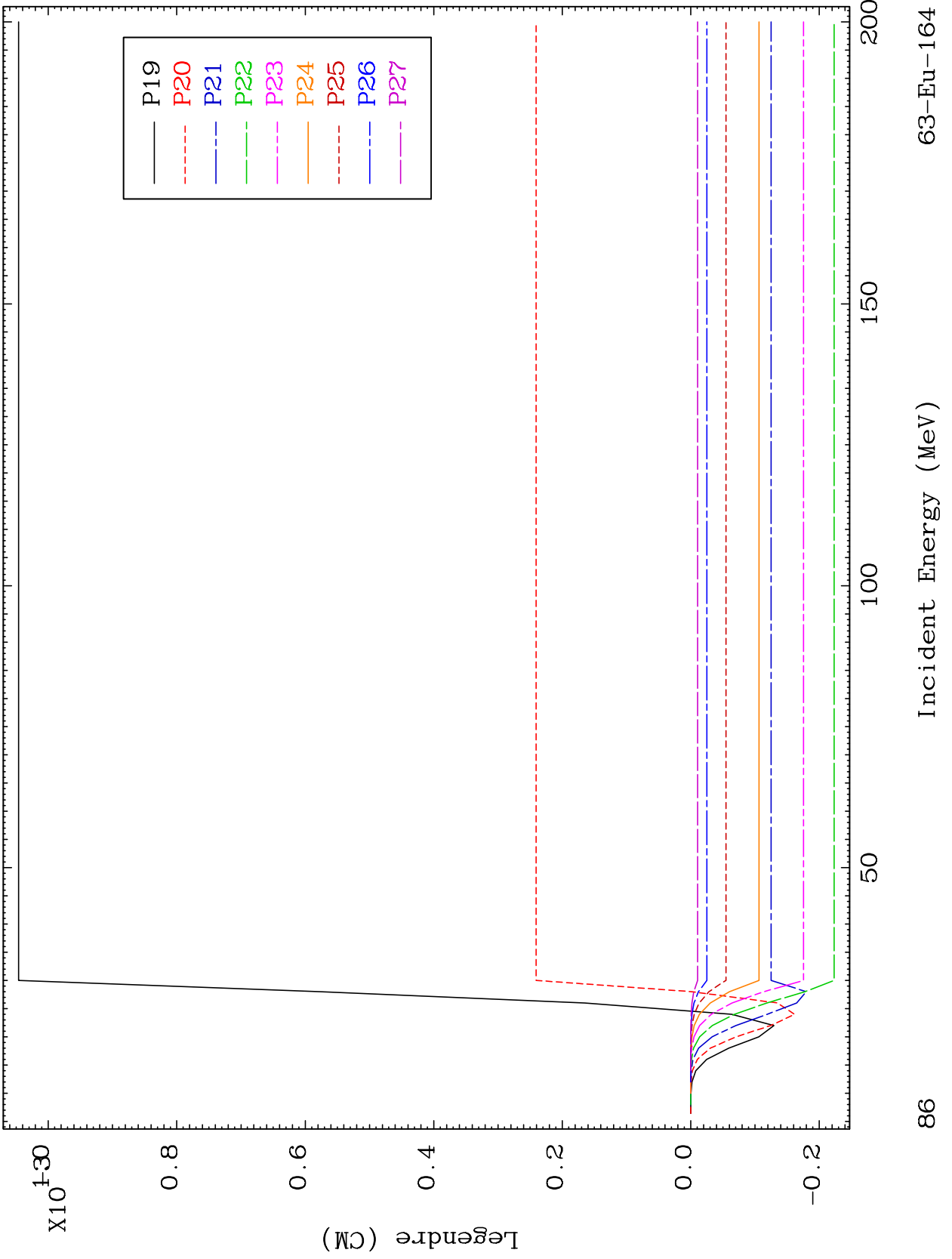
63-Eu-164

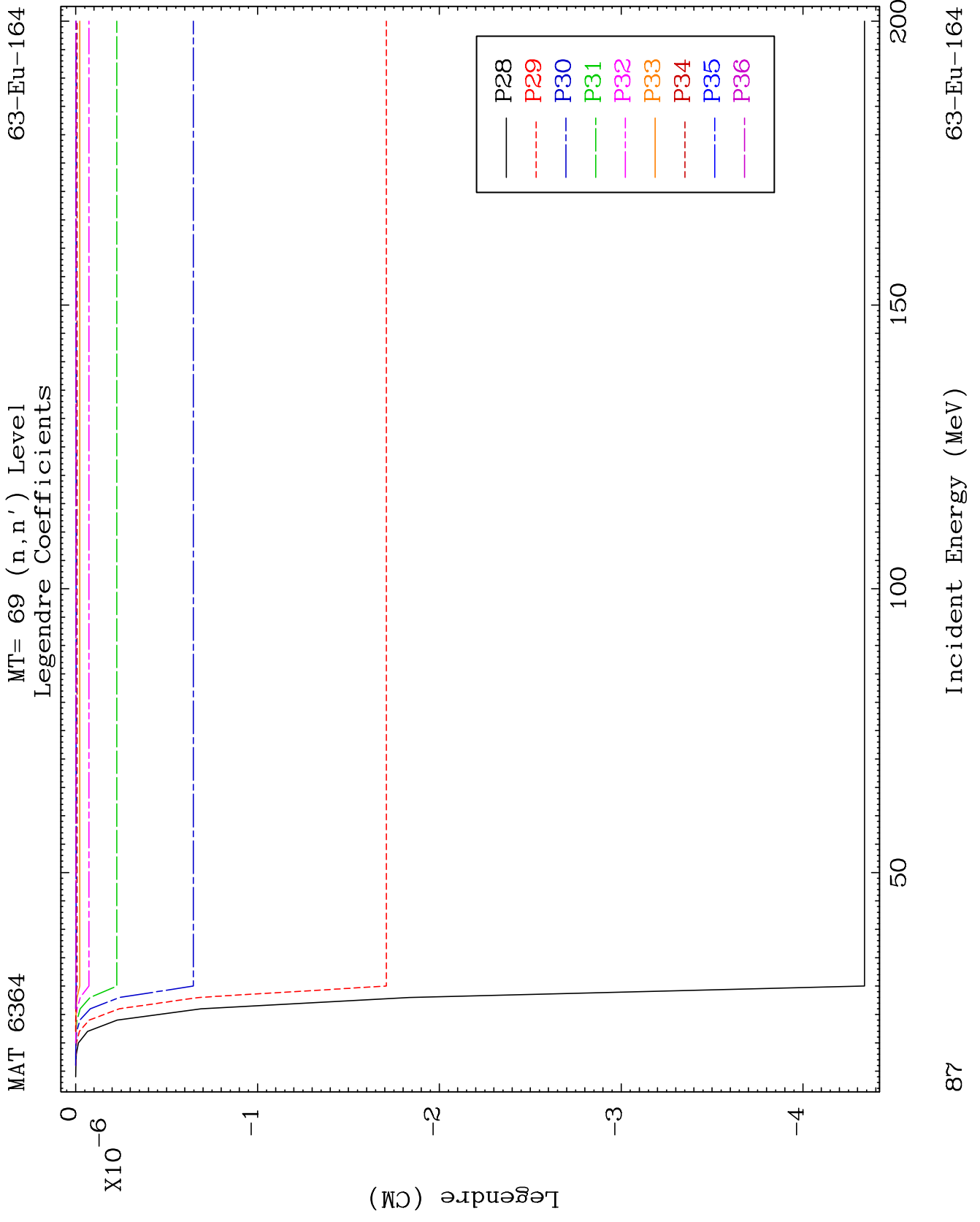


63-Eu-164

Incident Energy (MeV)

85

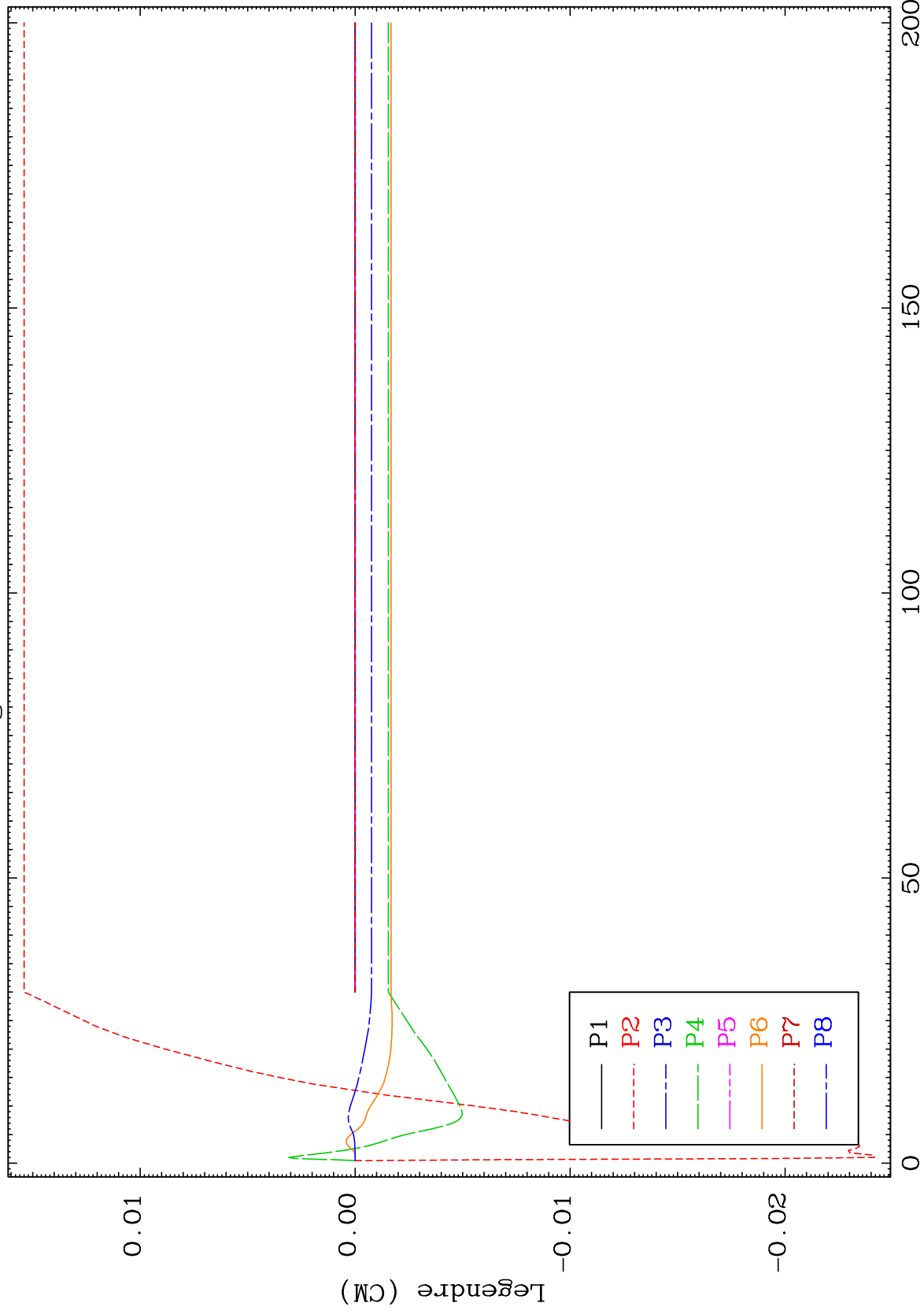




MAT 6364

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

63-Eu-164



88

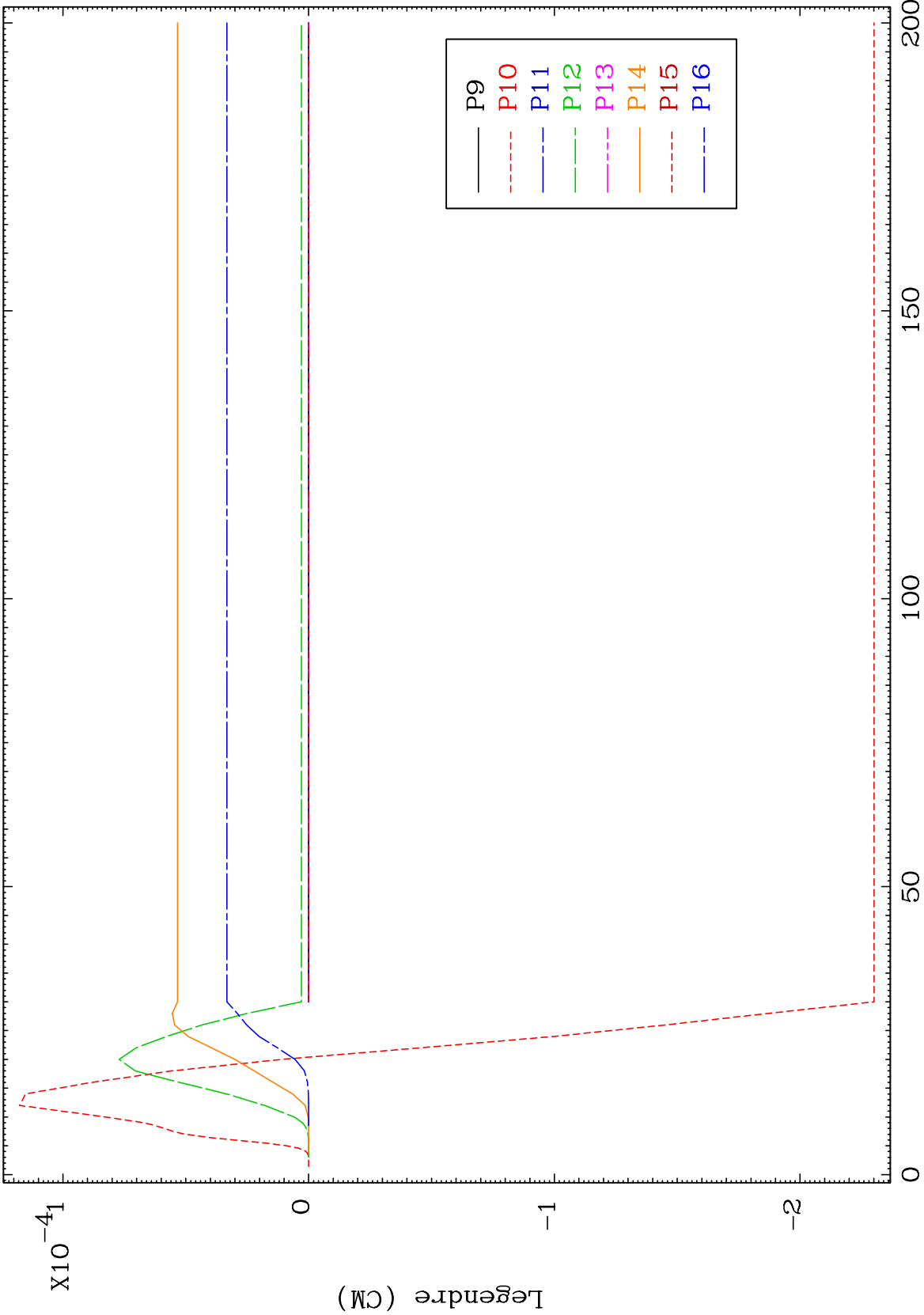
63-Eu-164

63-Eu-164

MAT 6364

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

63-Eu-164



89

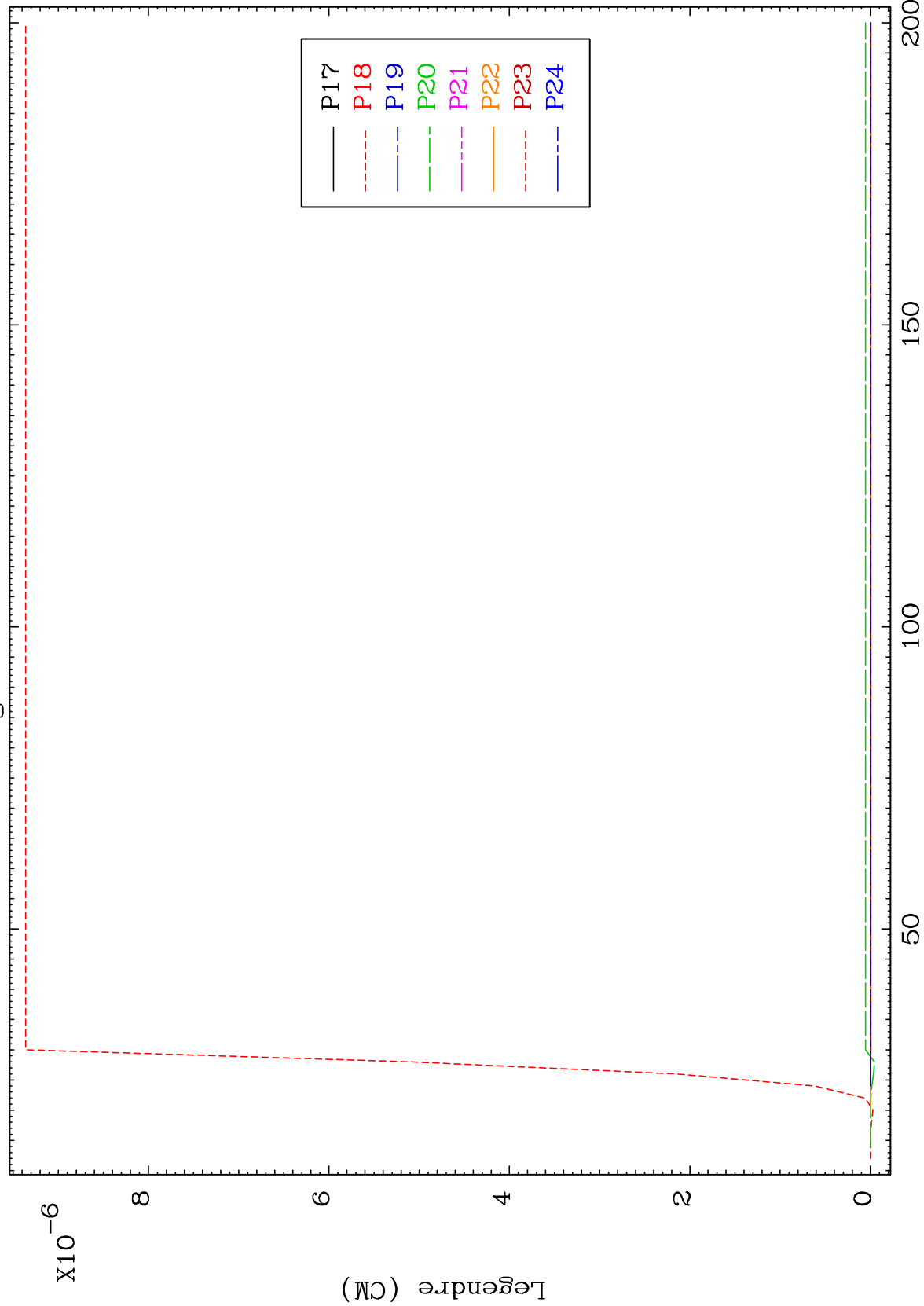
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



90

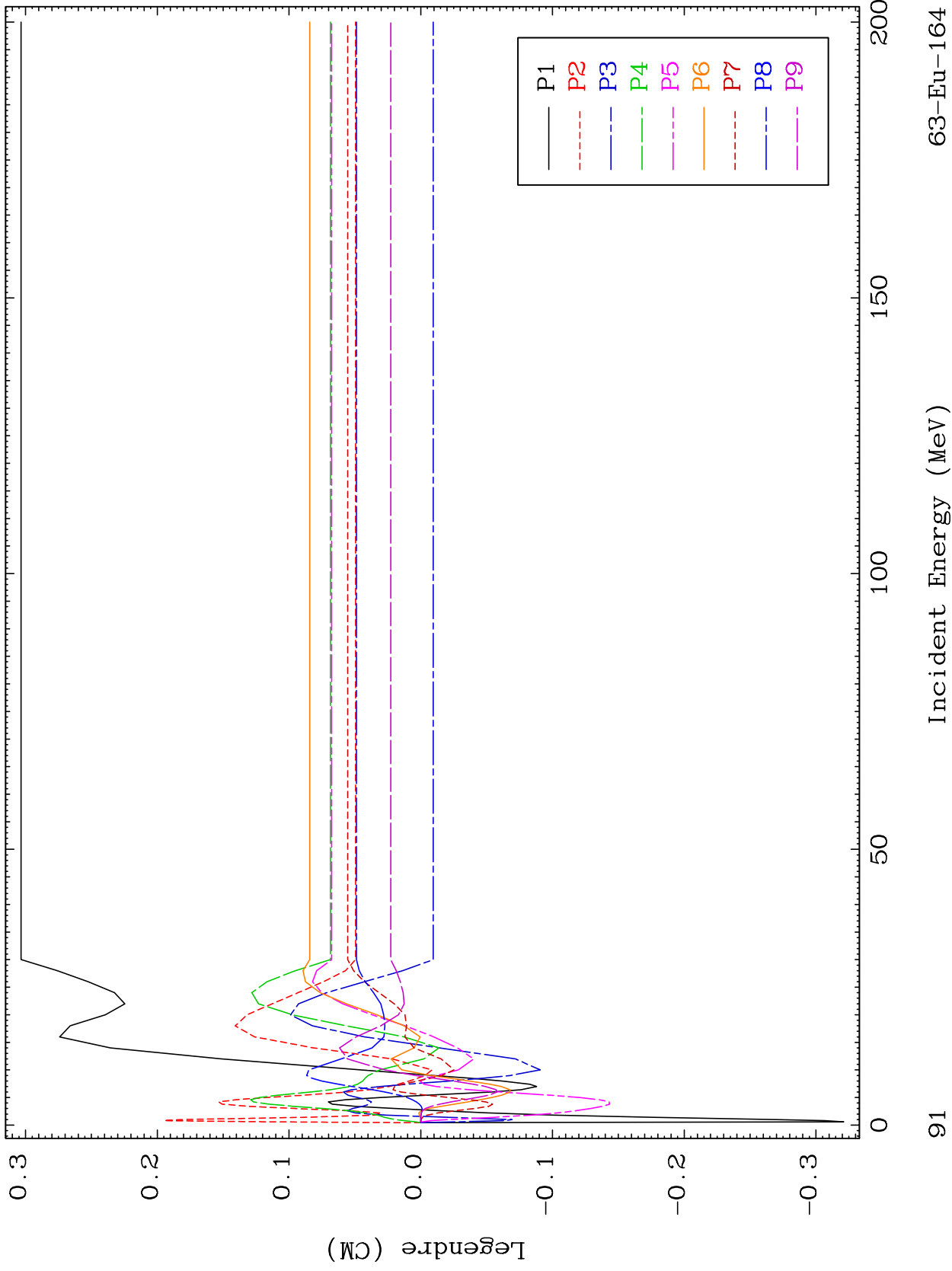
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

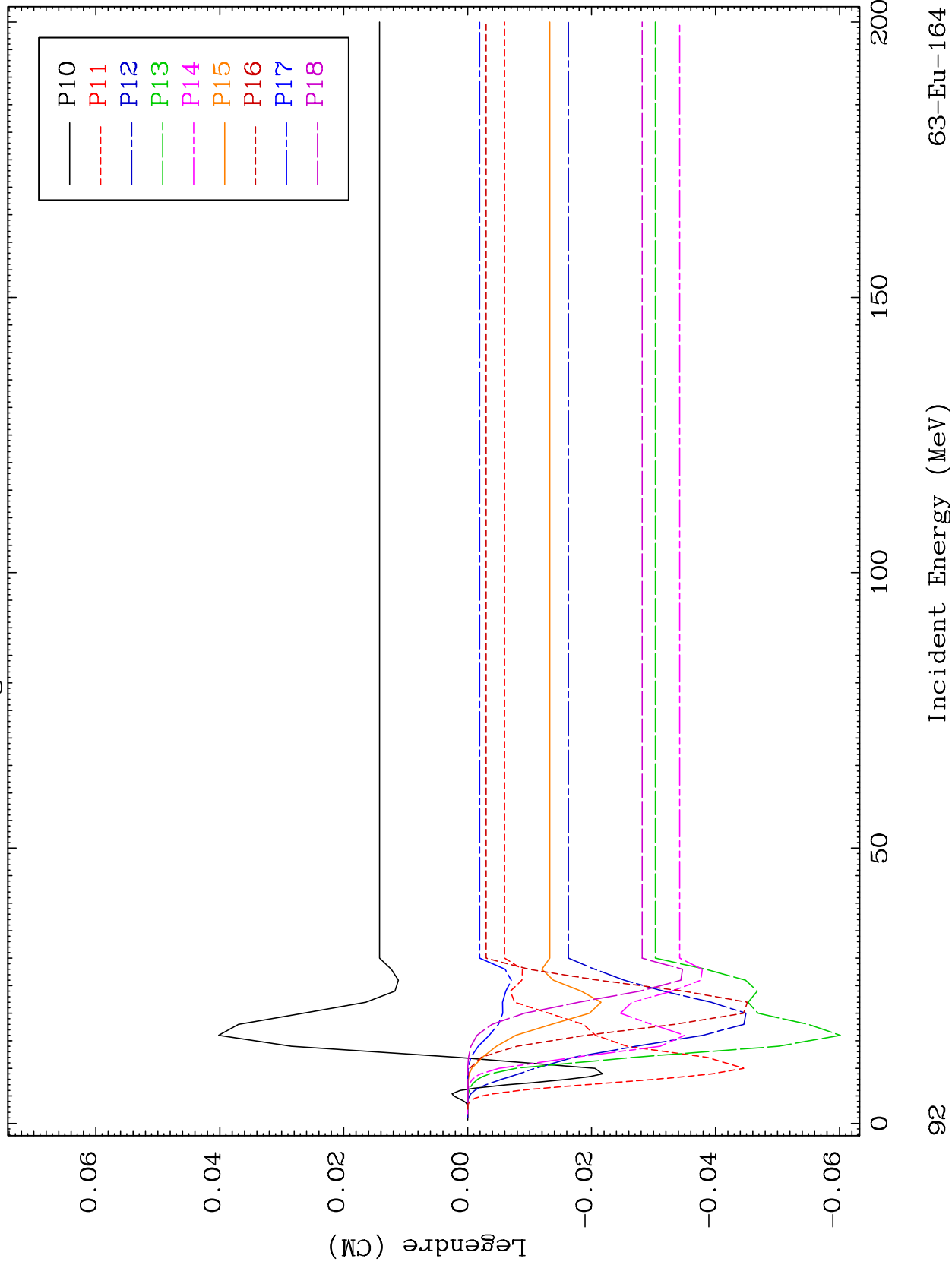
Incident Energy (MeV)

91

MAT 6364

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

63-Eu-164



92

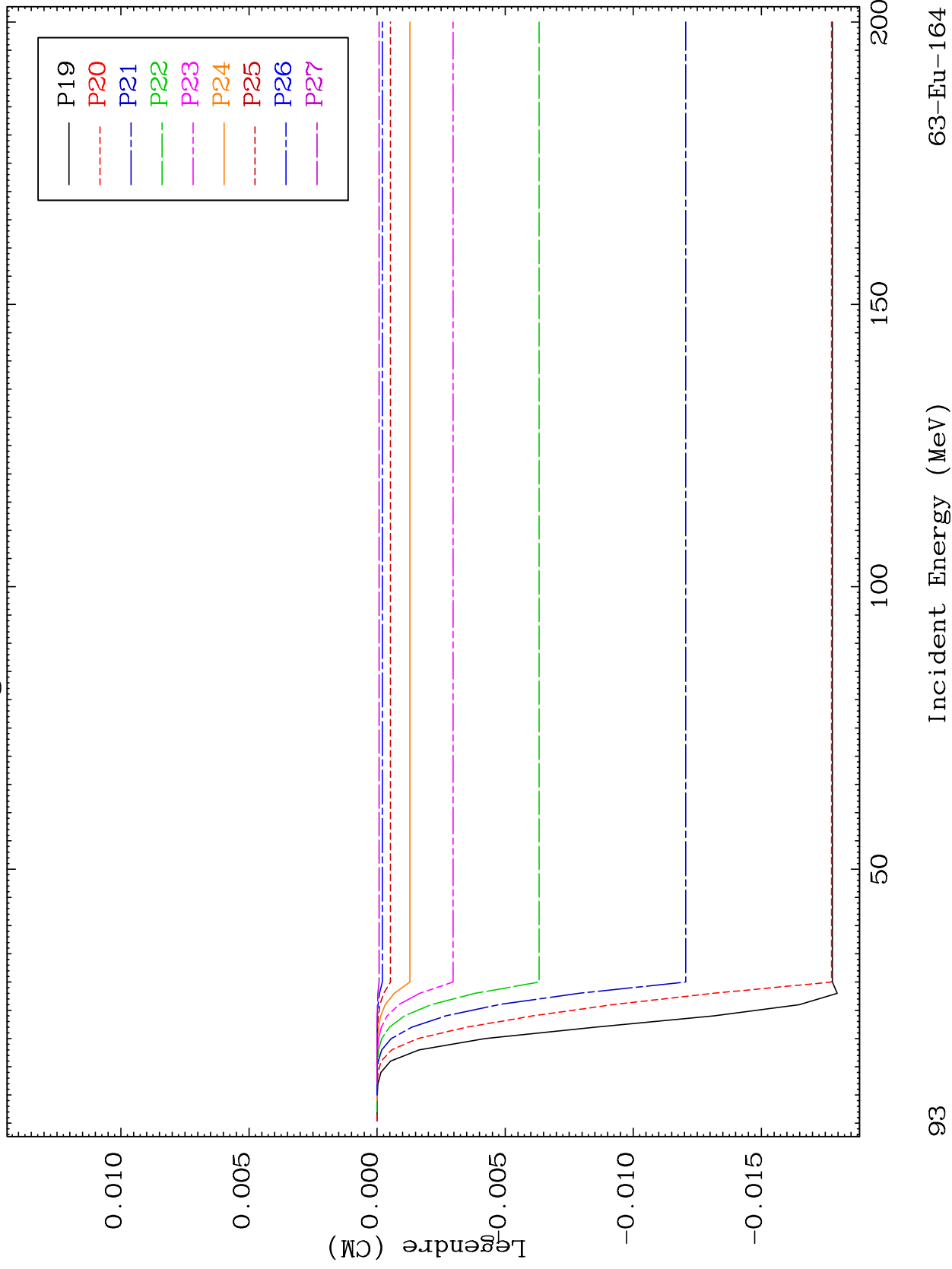
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

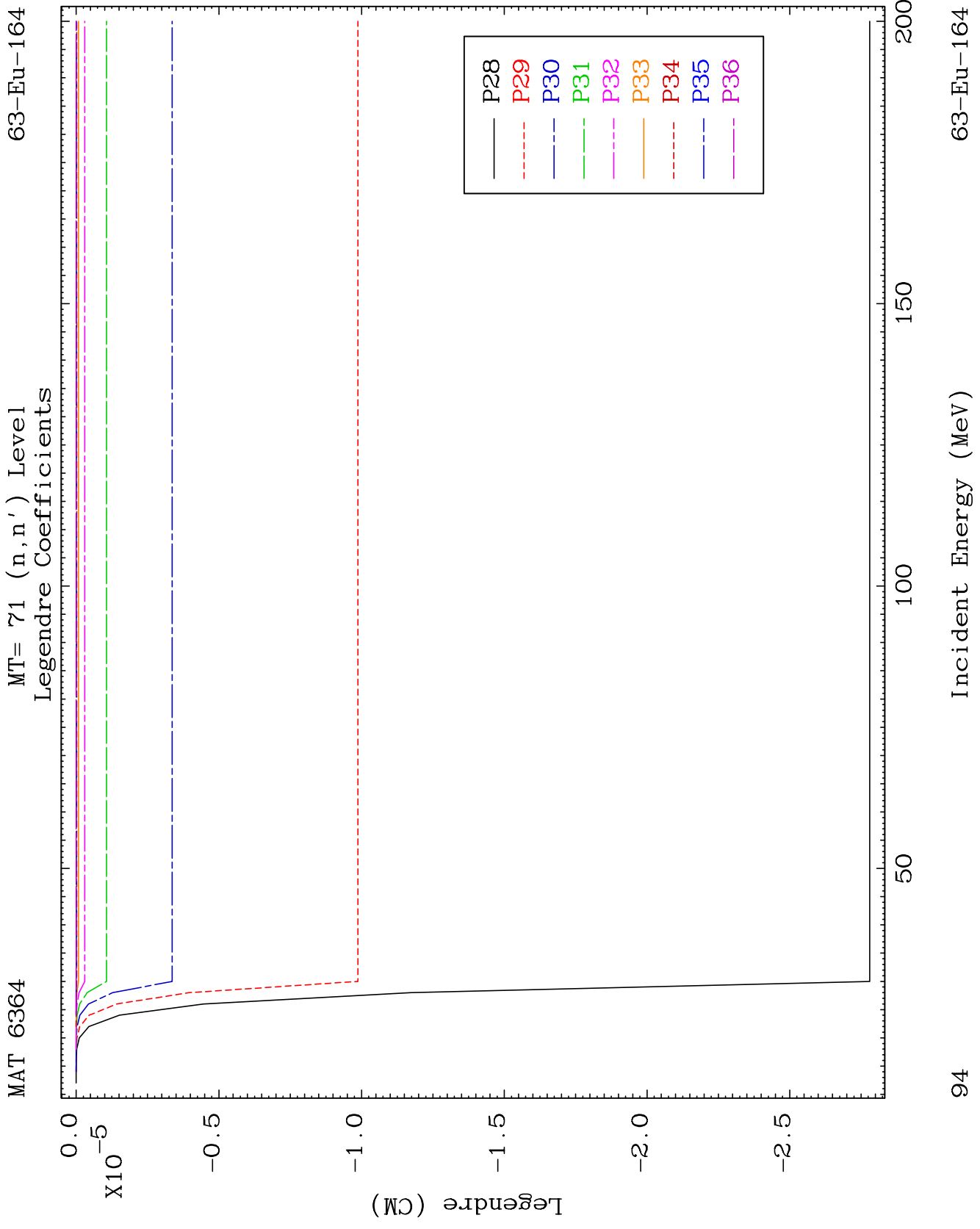
63-Eu-164



93

Incident Energy (MeV)

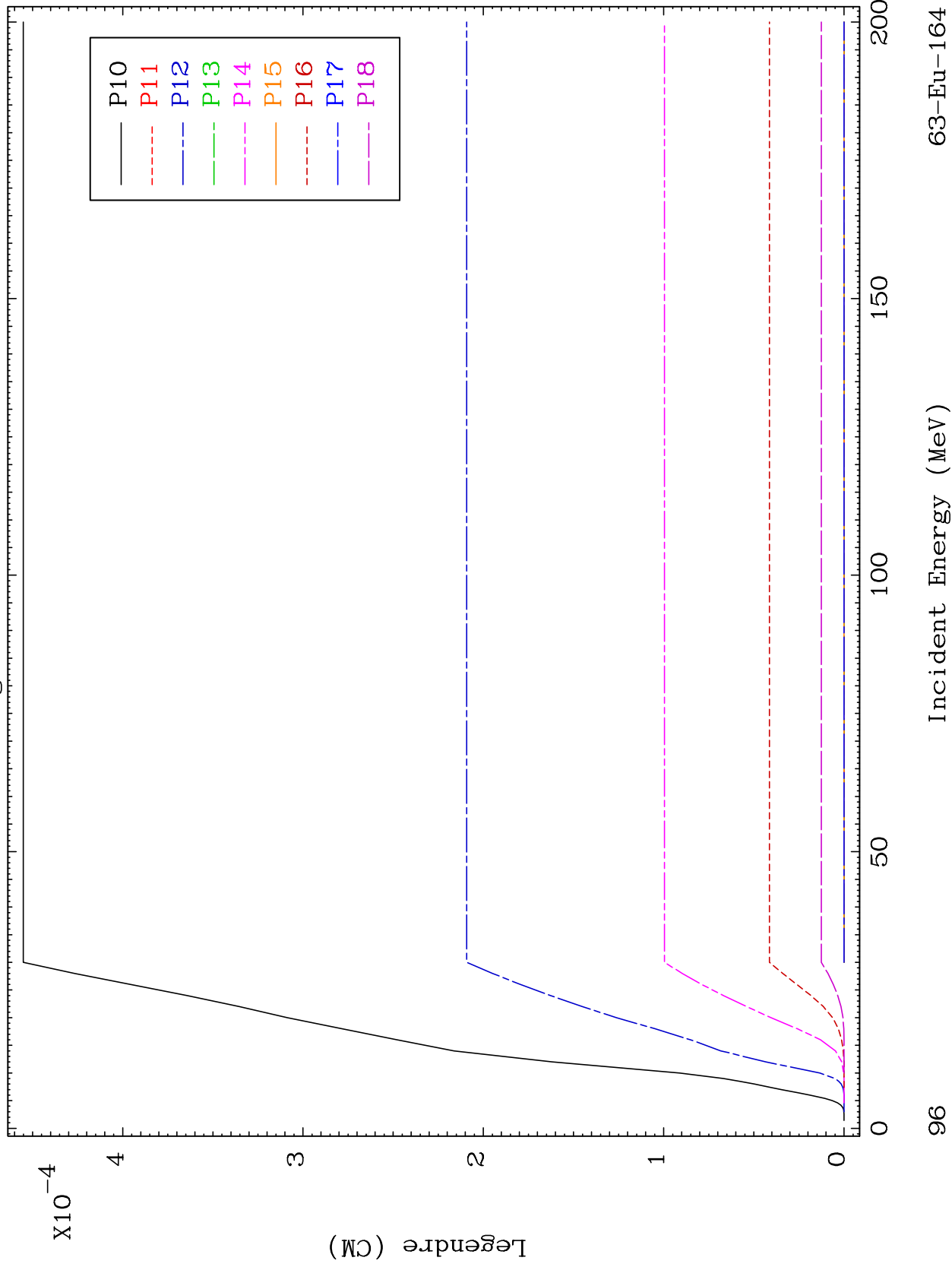
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

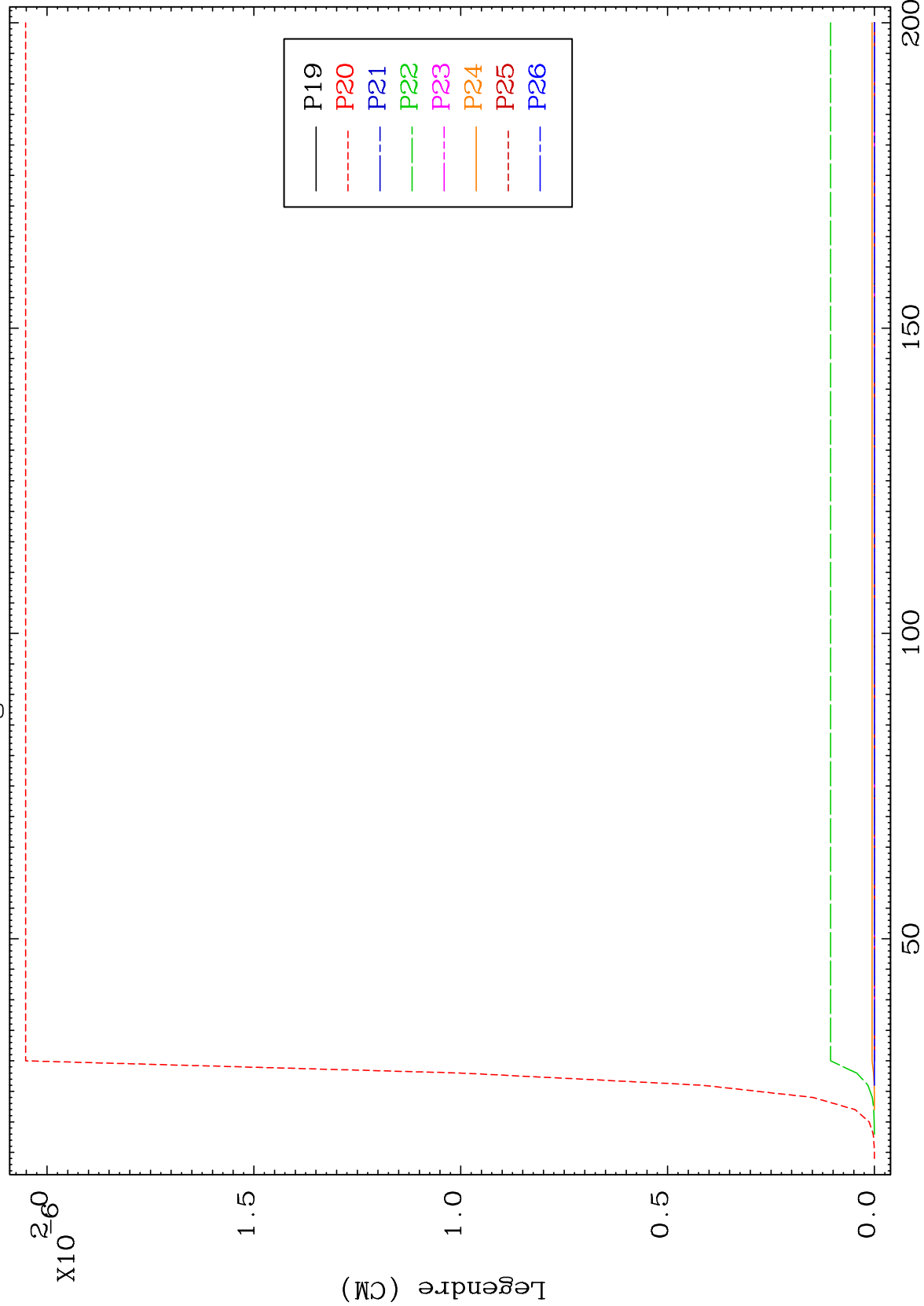
Incident Energy (MeV)

96

MAT 6364

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

63-Eu-164



63-Eu-164

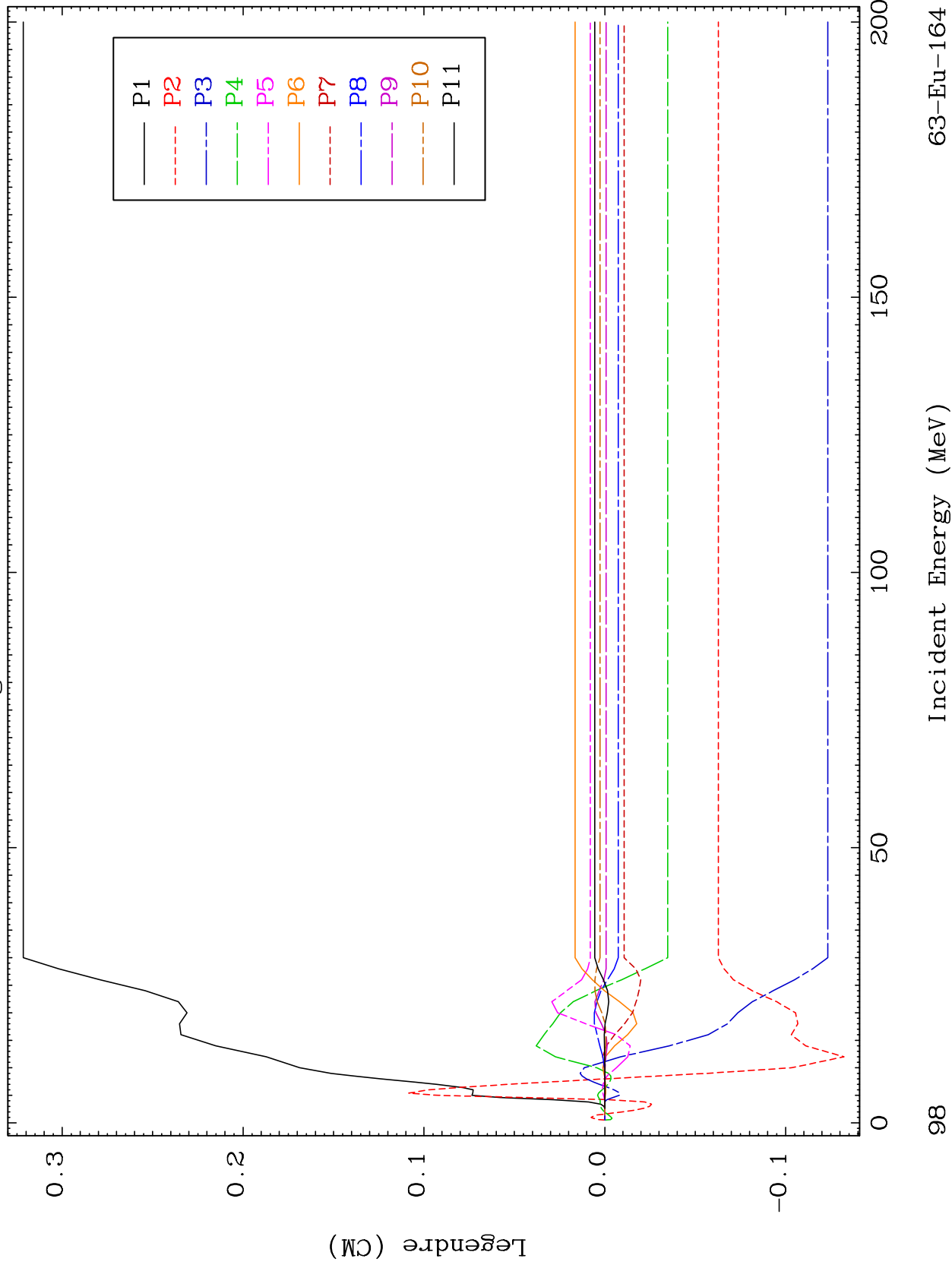
Incident Energy (MeV)

97

MAT 6364

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

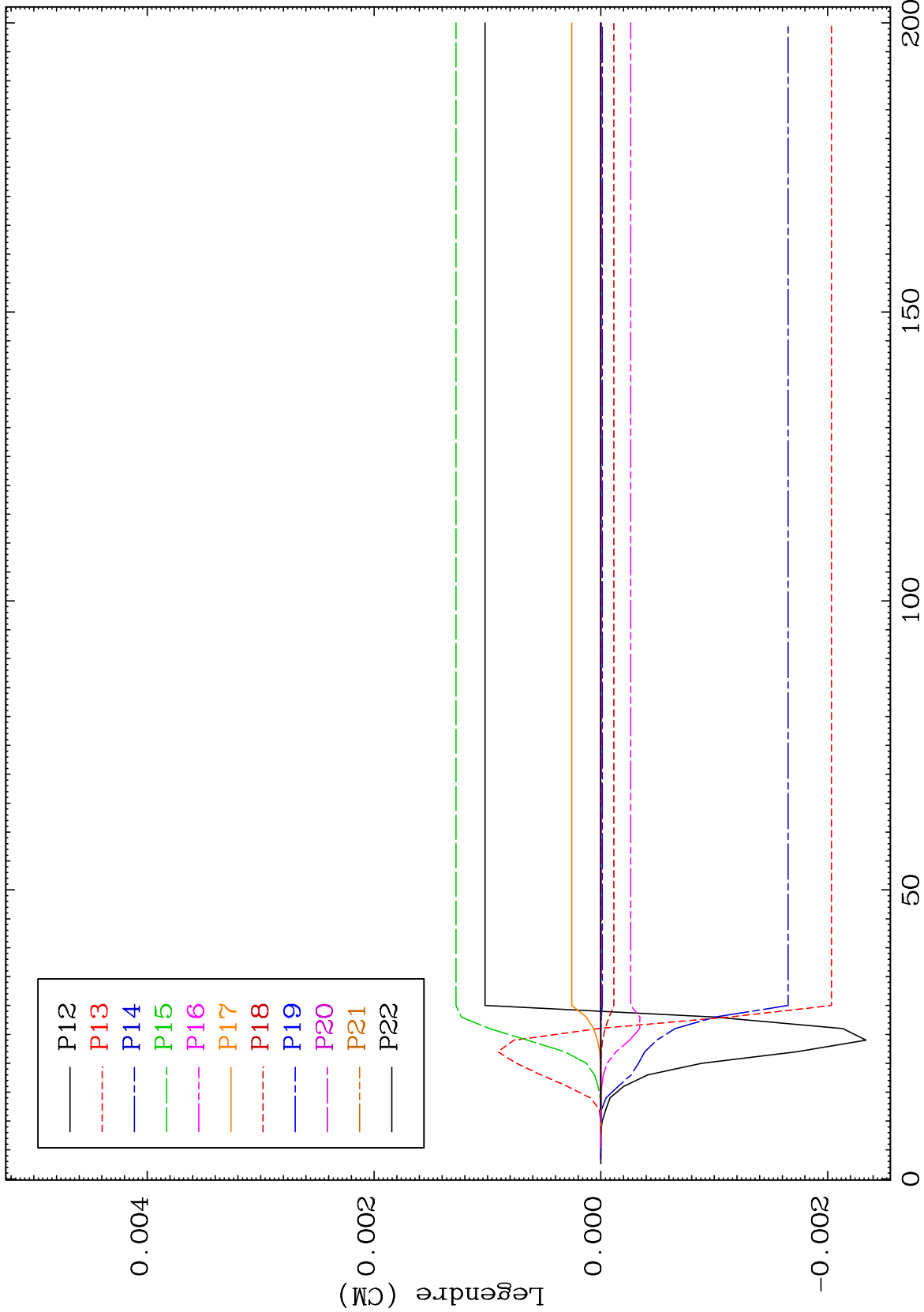
63-Eu-164



MAT 6364

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

63-Eu-164



99

Incident Energy (MeV)

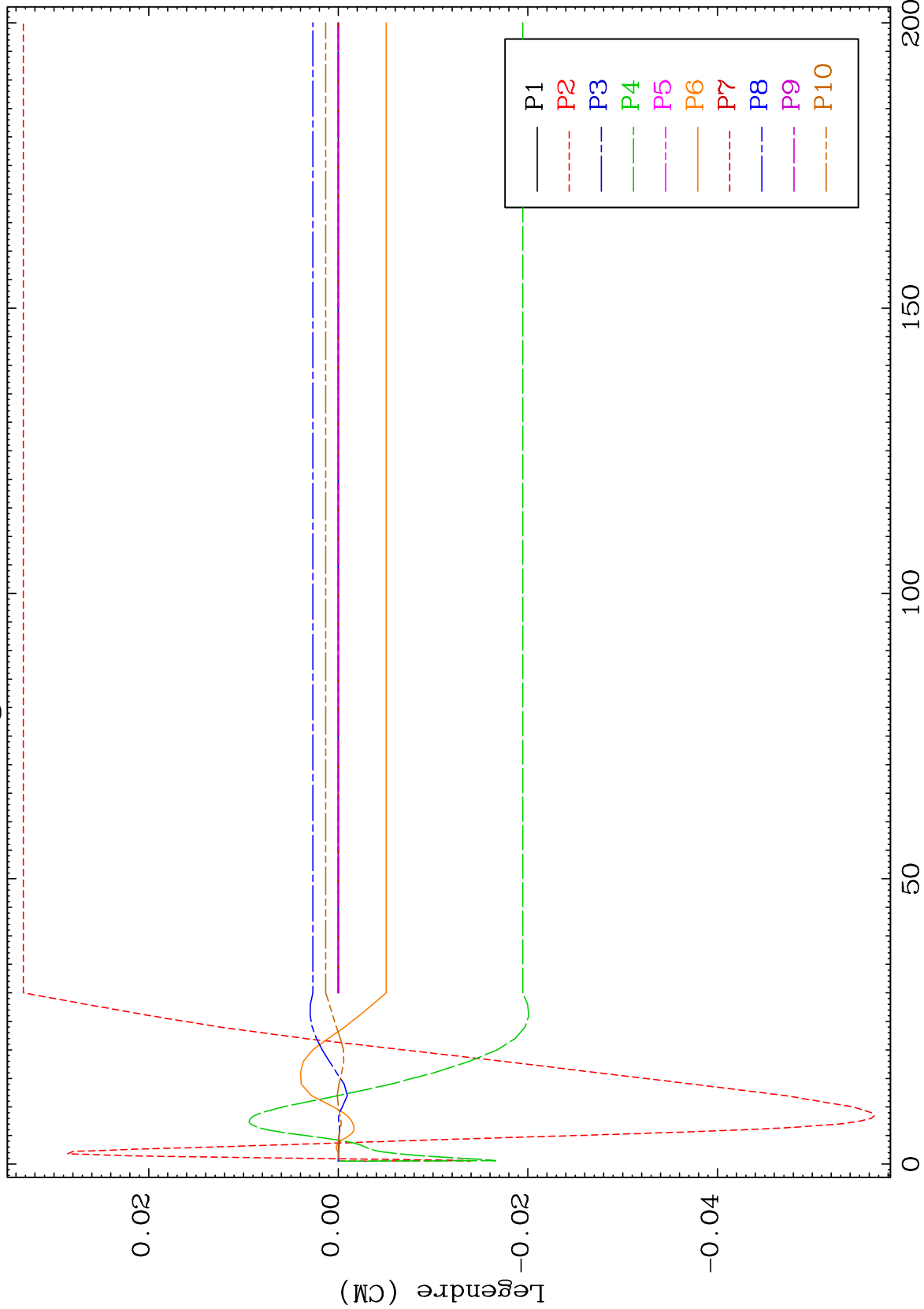
63-Eu-164

MAT 6364

MT= 74 (n,n') Level

63-Eu-164

Legendre Coefficients



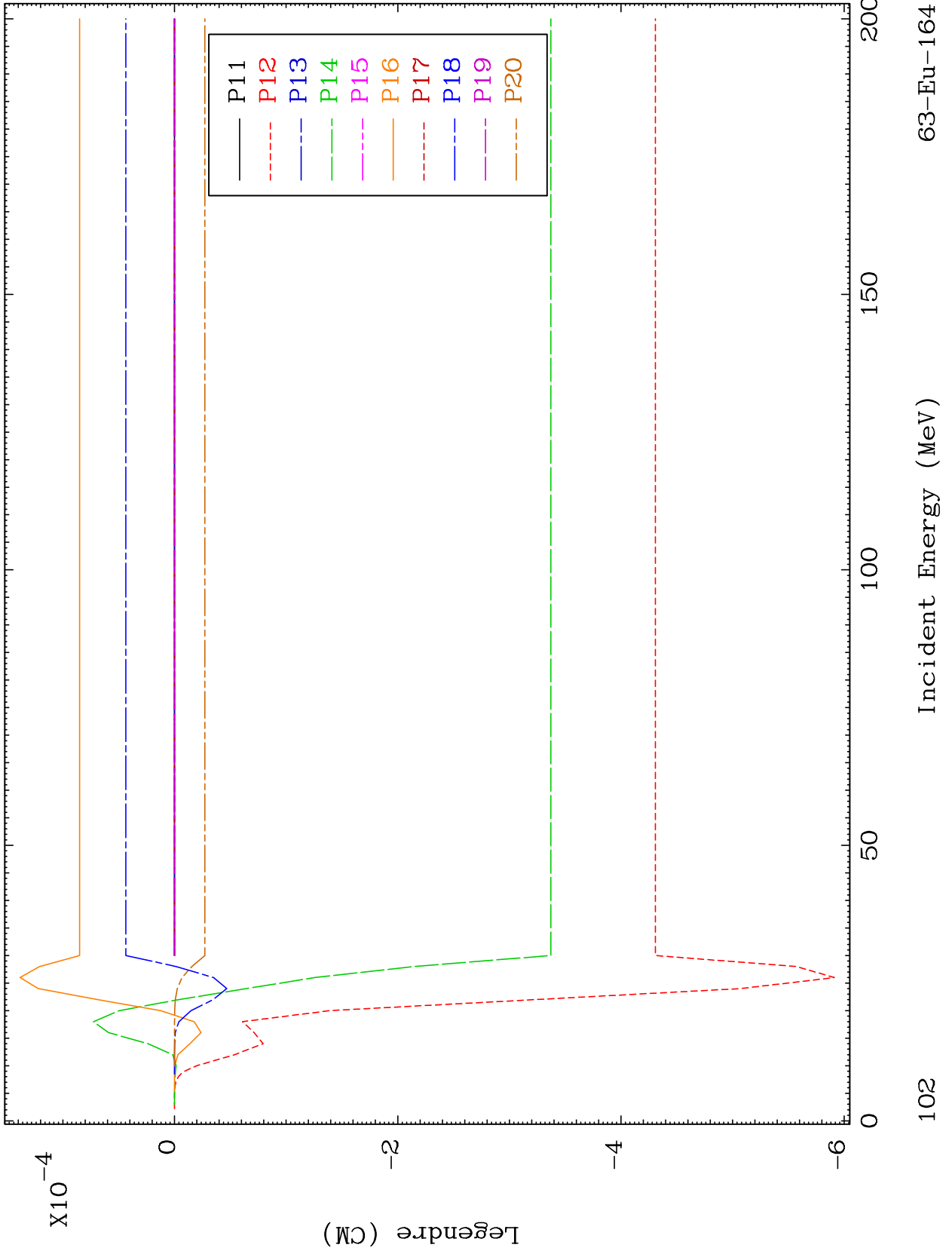
101

63-Eu-164

MAT 6364

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

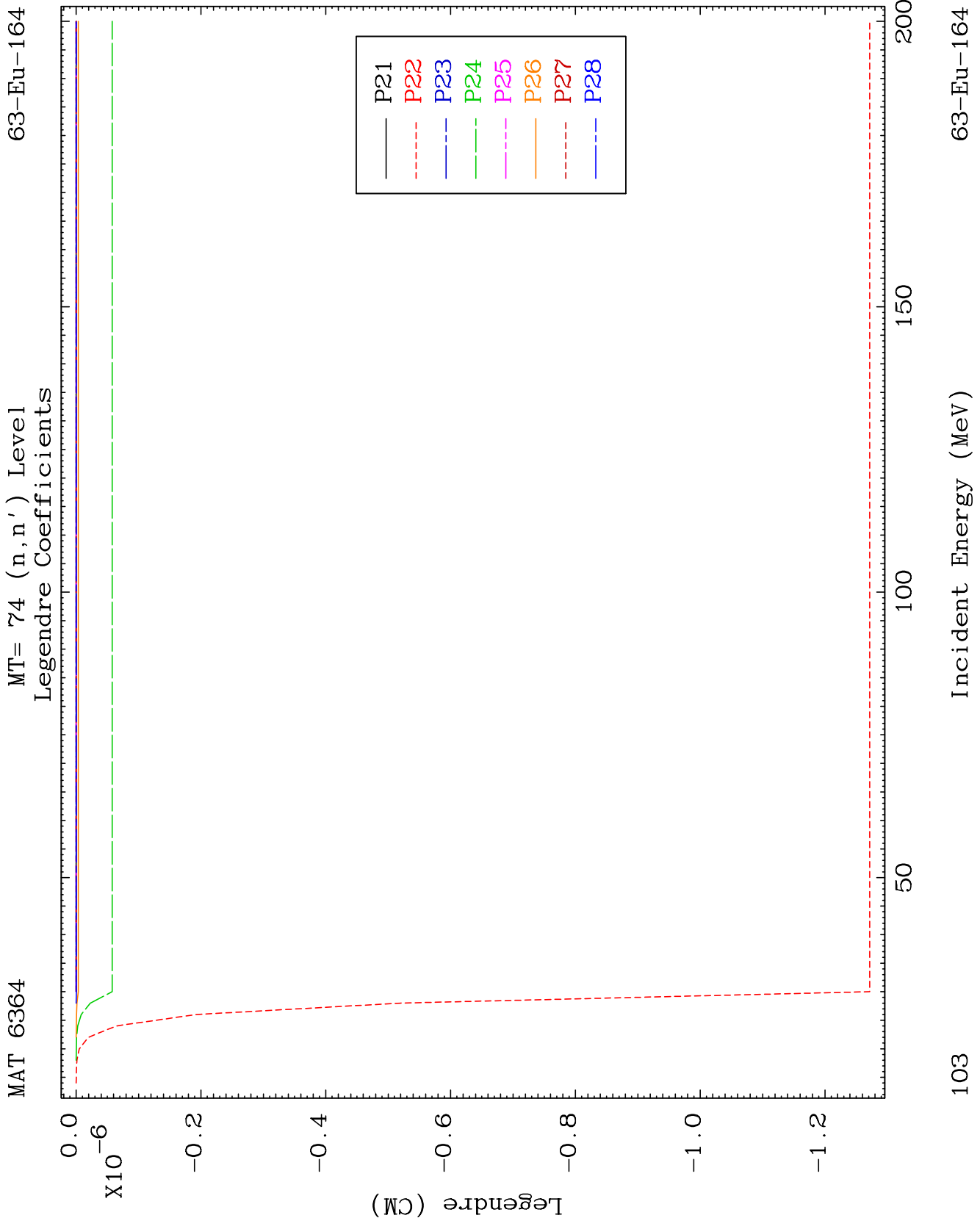
63-Eu-164



63-Eu-164

Incident Energy (MeV)

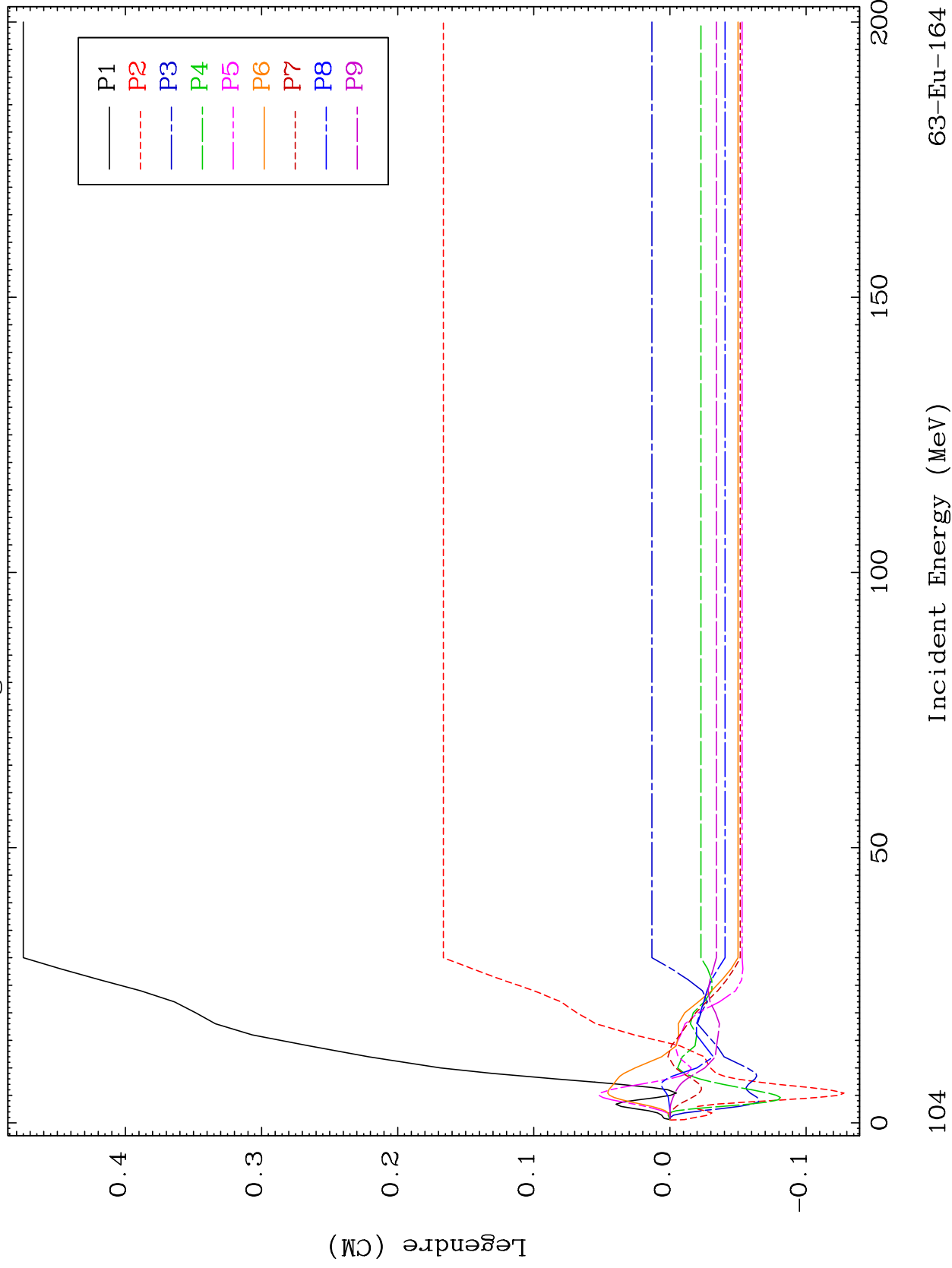
102



MAT 6364

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

63-Eu-164



63-Eu-164

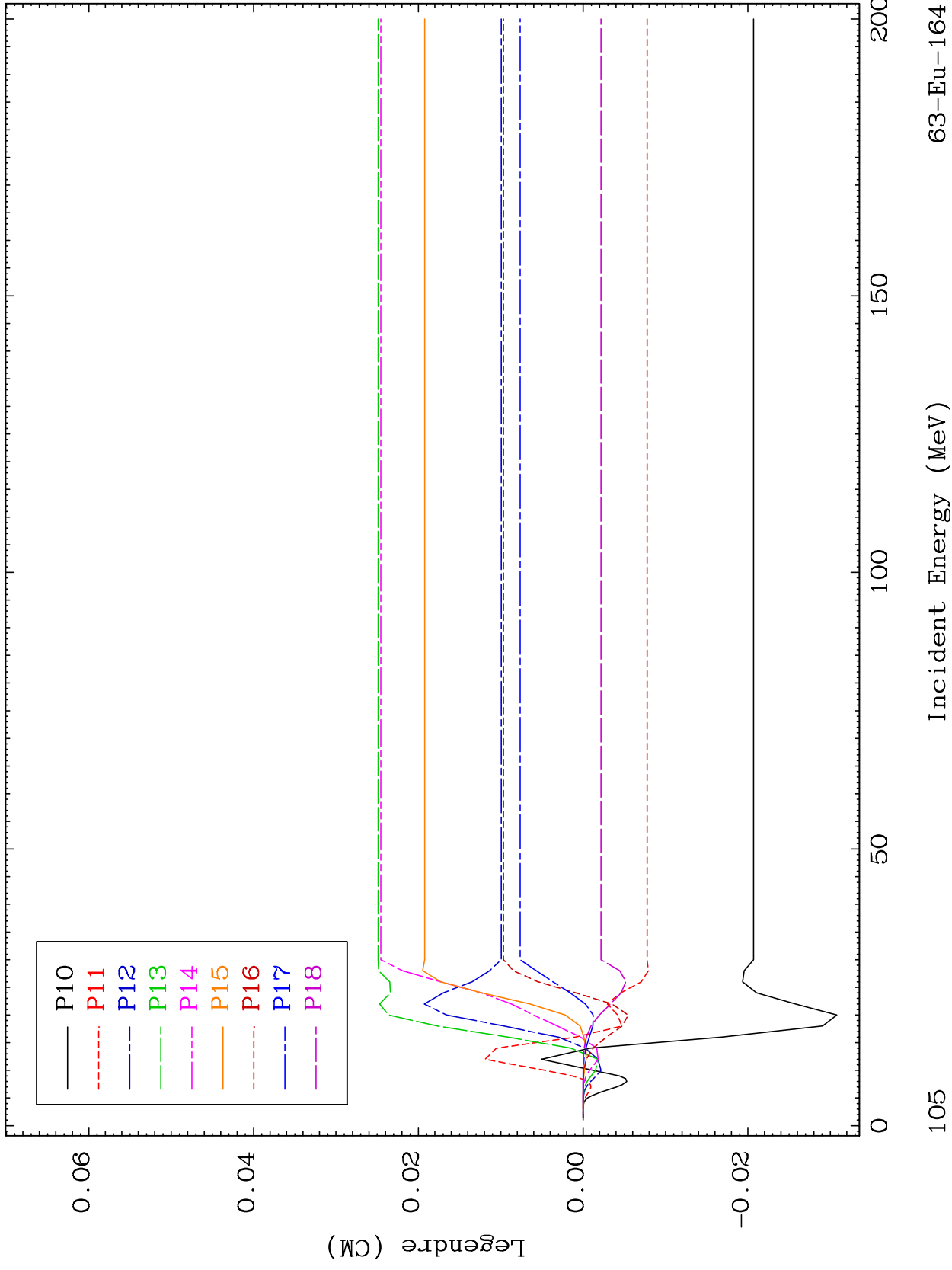
Incident Energy (MeV)

104

MAT 6364

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

63-Eu-164



63-Eu-164

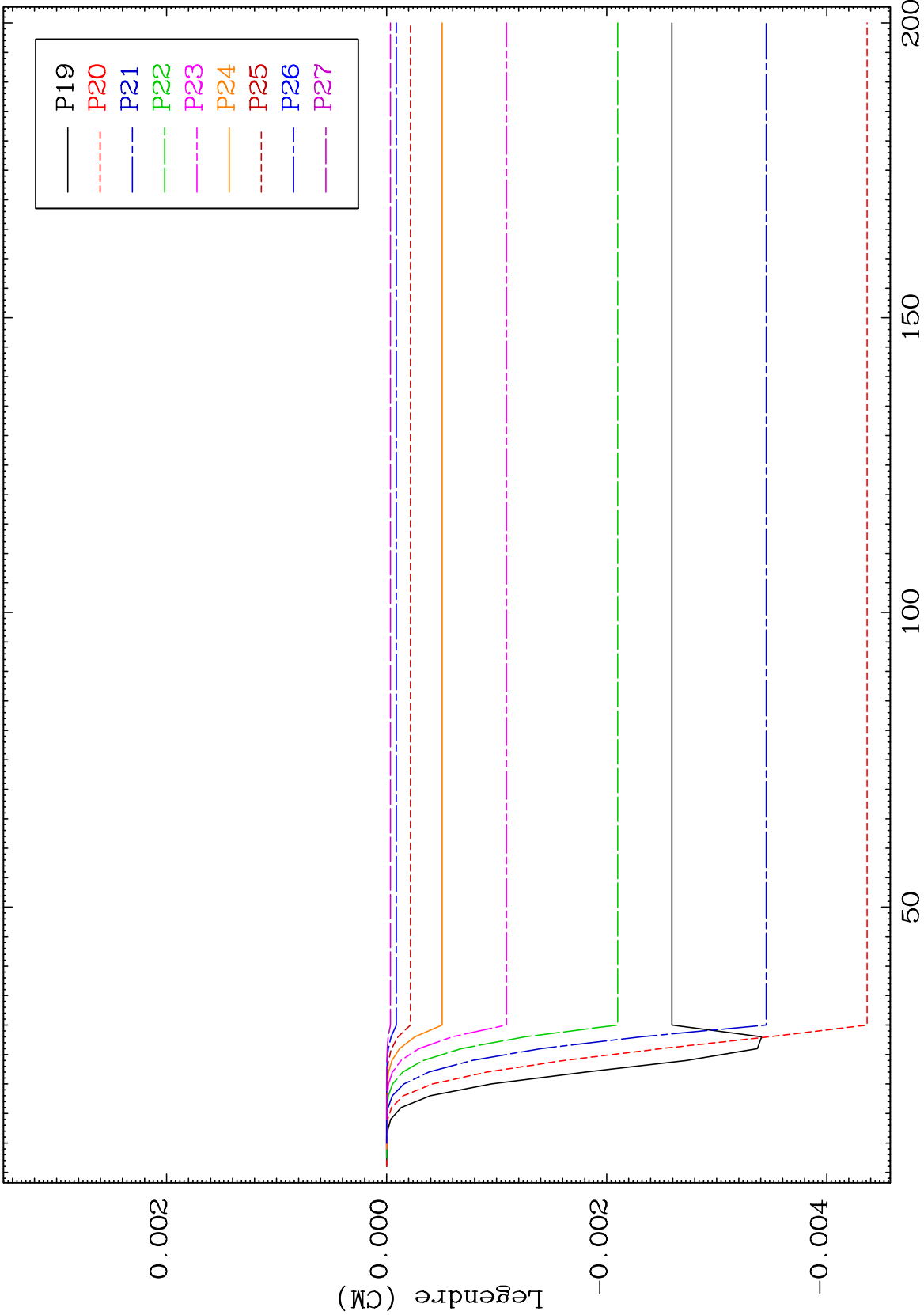
Incident Energy (MeV)

105

MAT 6364

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

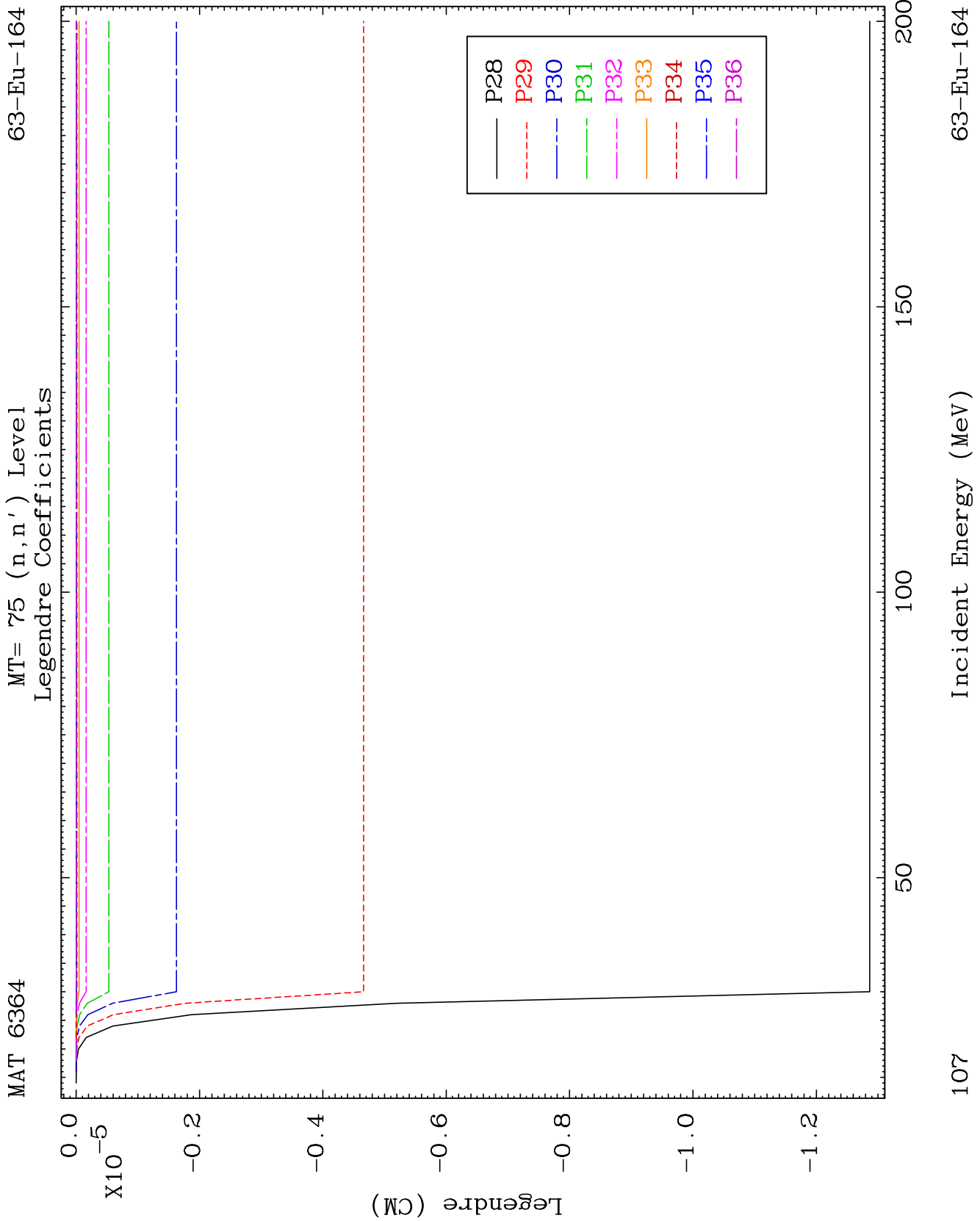
63-Eu-164



106

Incident Energy (MeV)

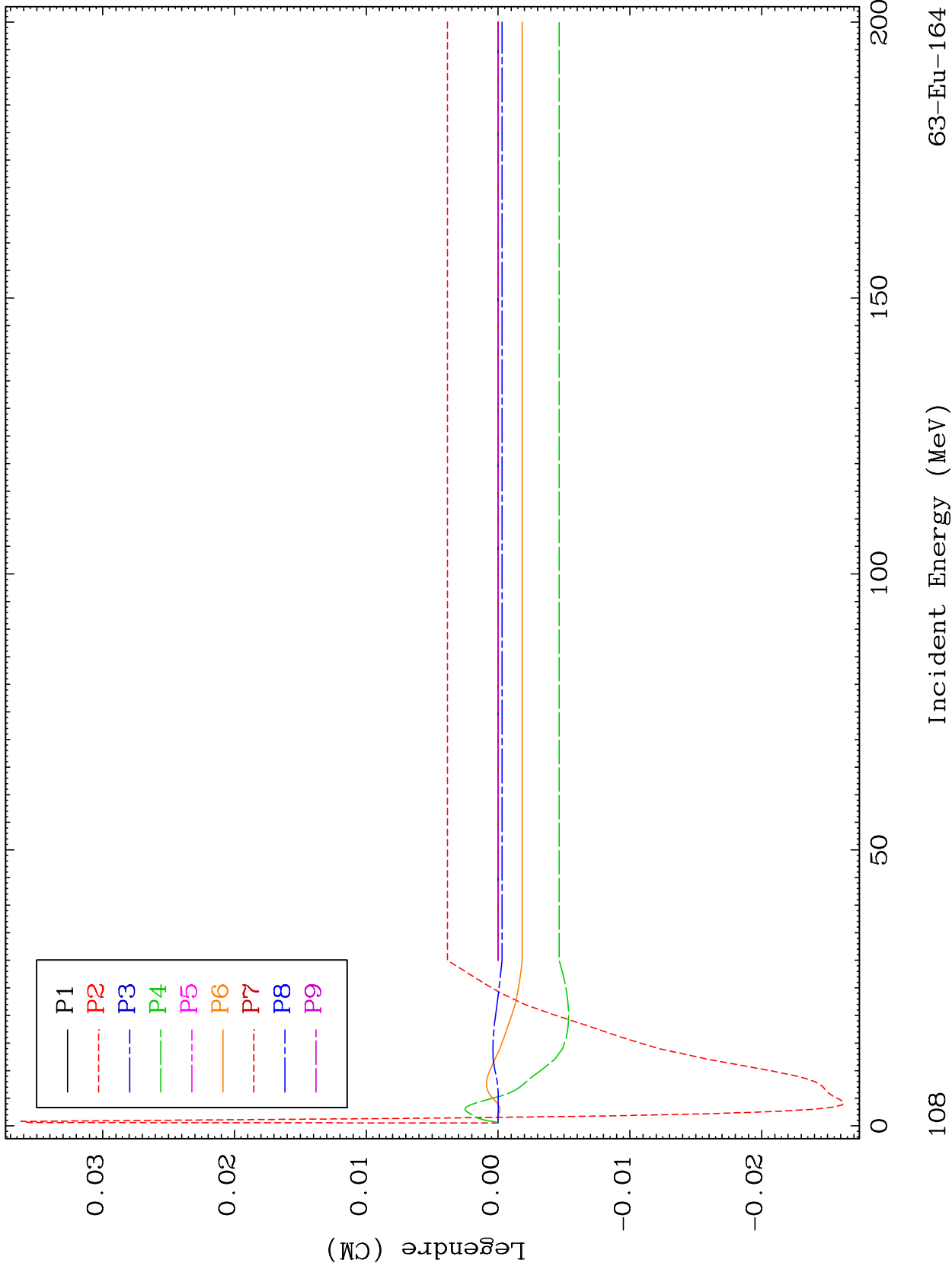
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

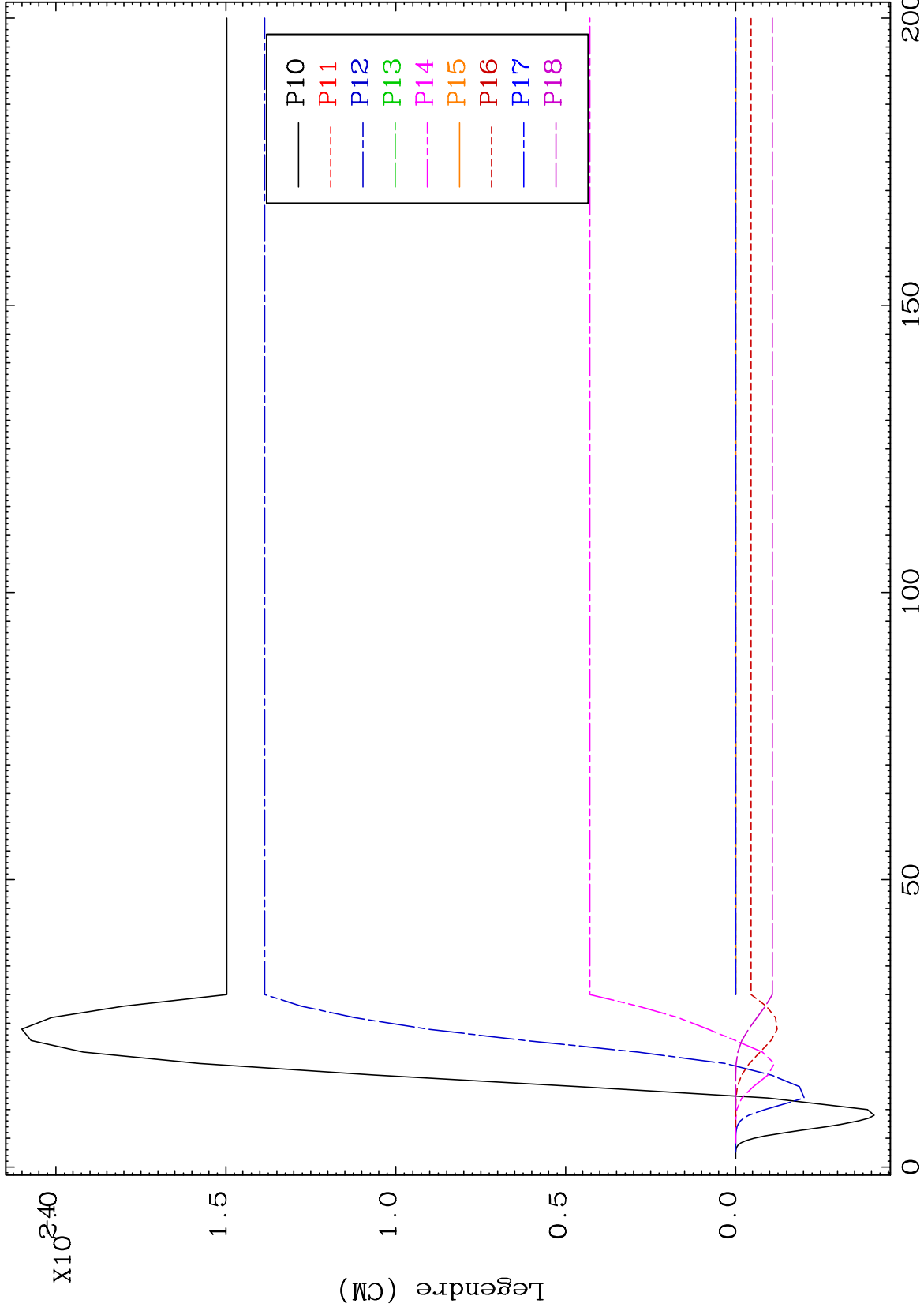
Incident Energy (MeV)

108

MAT 6364

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

63-Eu-164



109

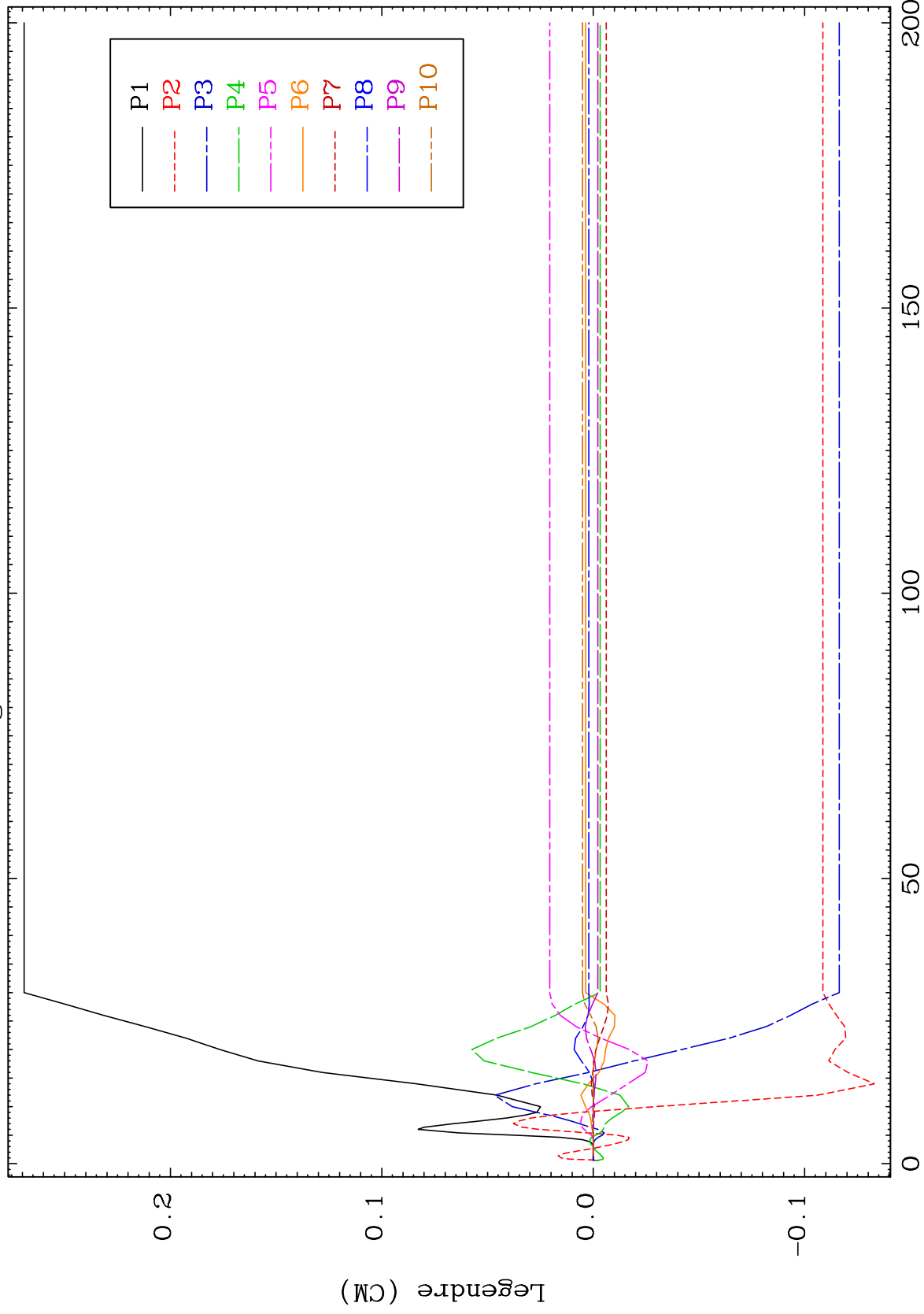
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



111

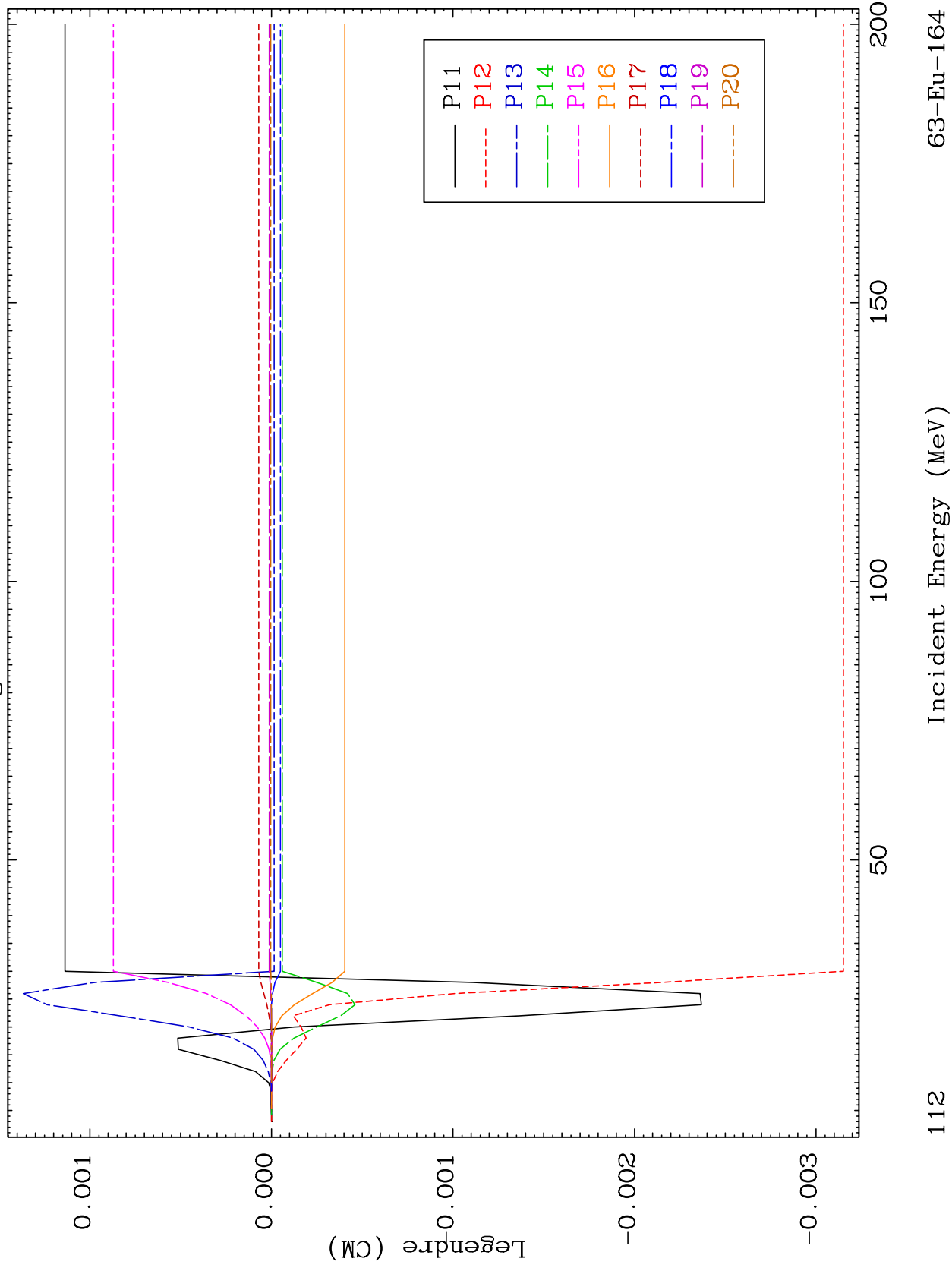
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



112

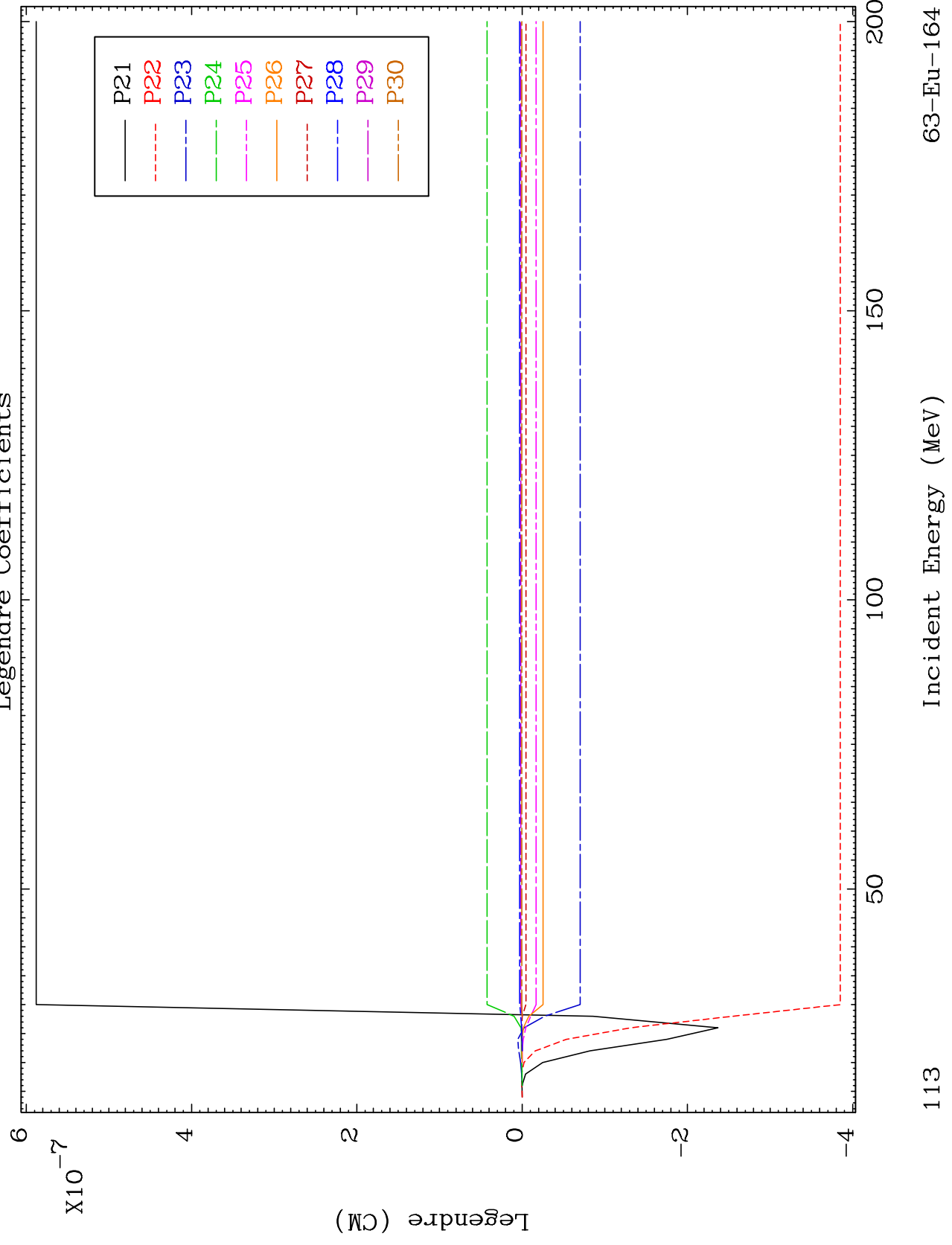
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164

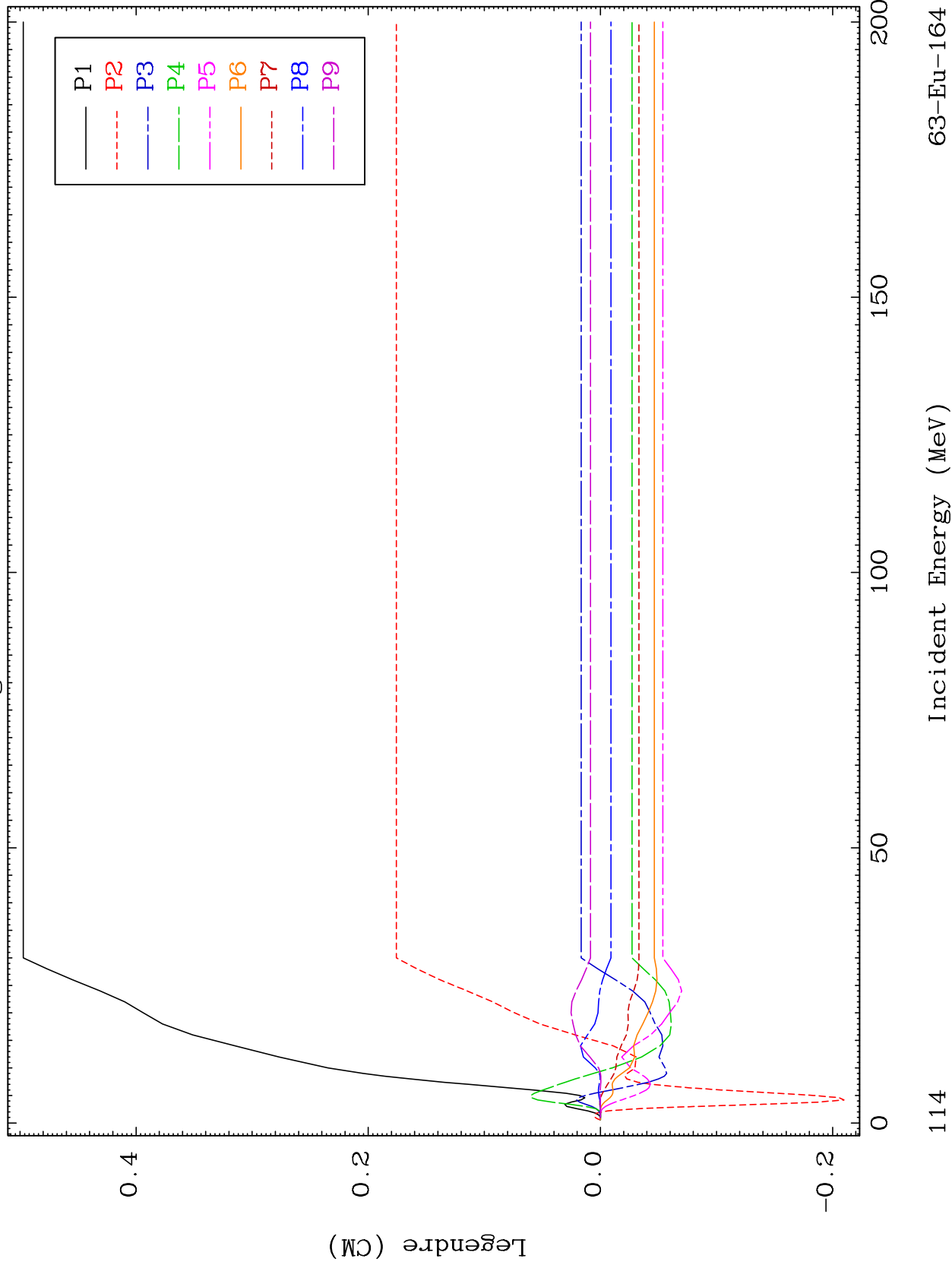


113

MAT 6364

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

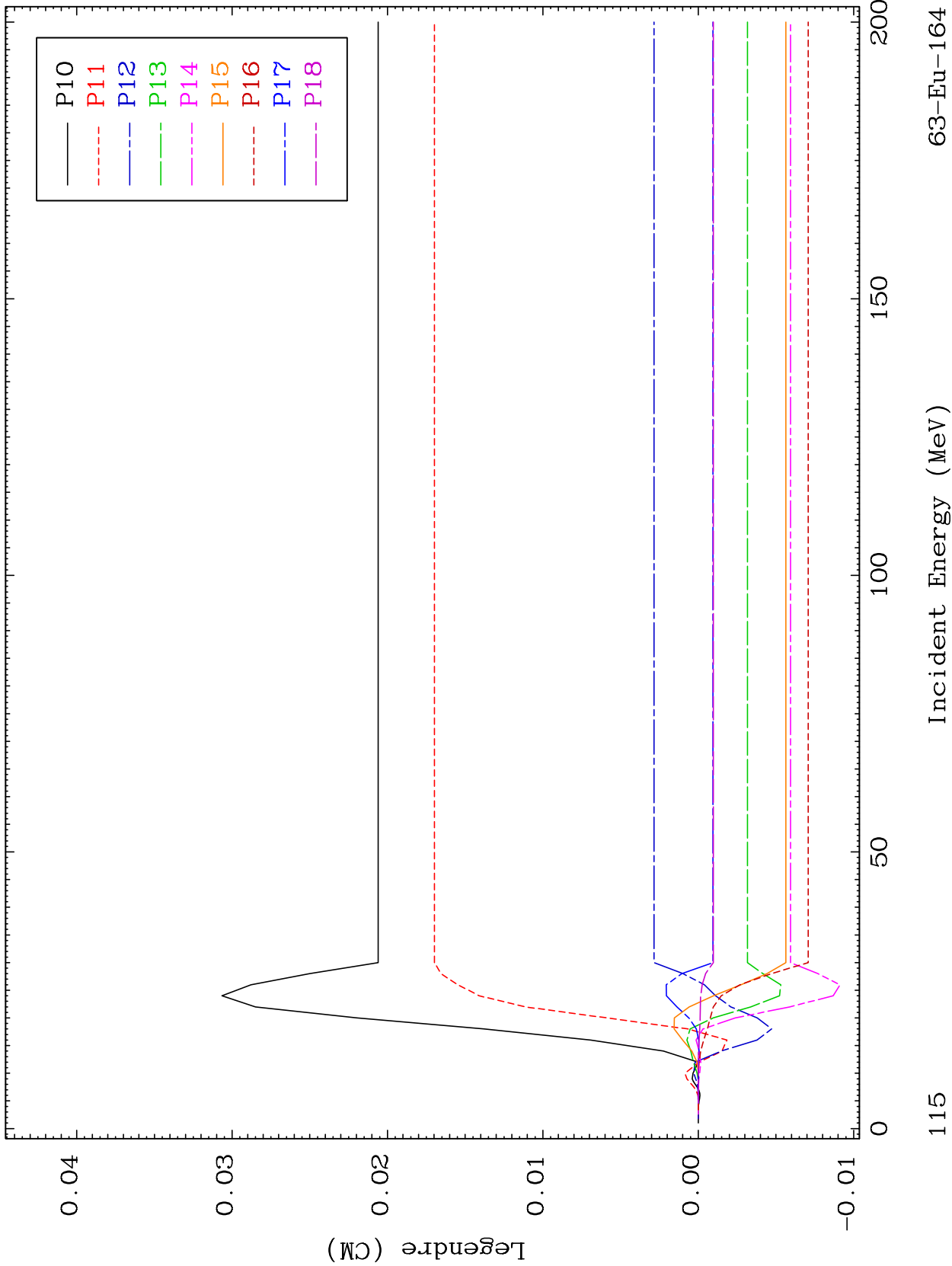
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

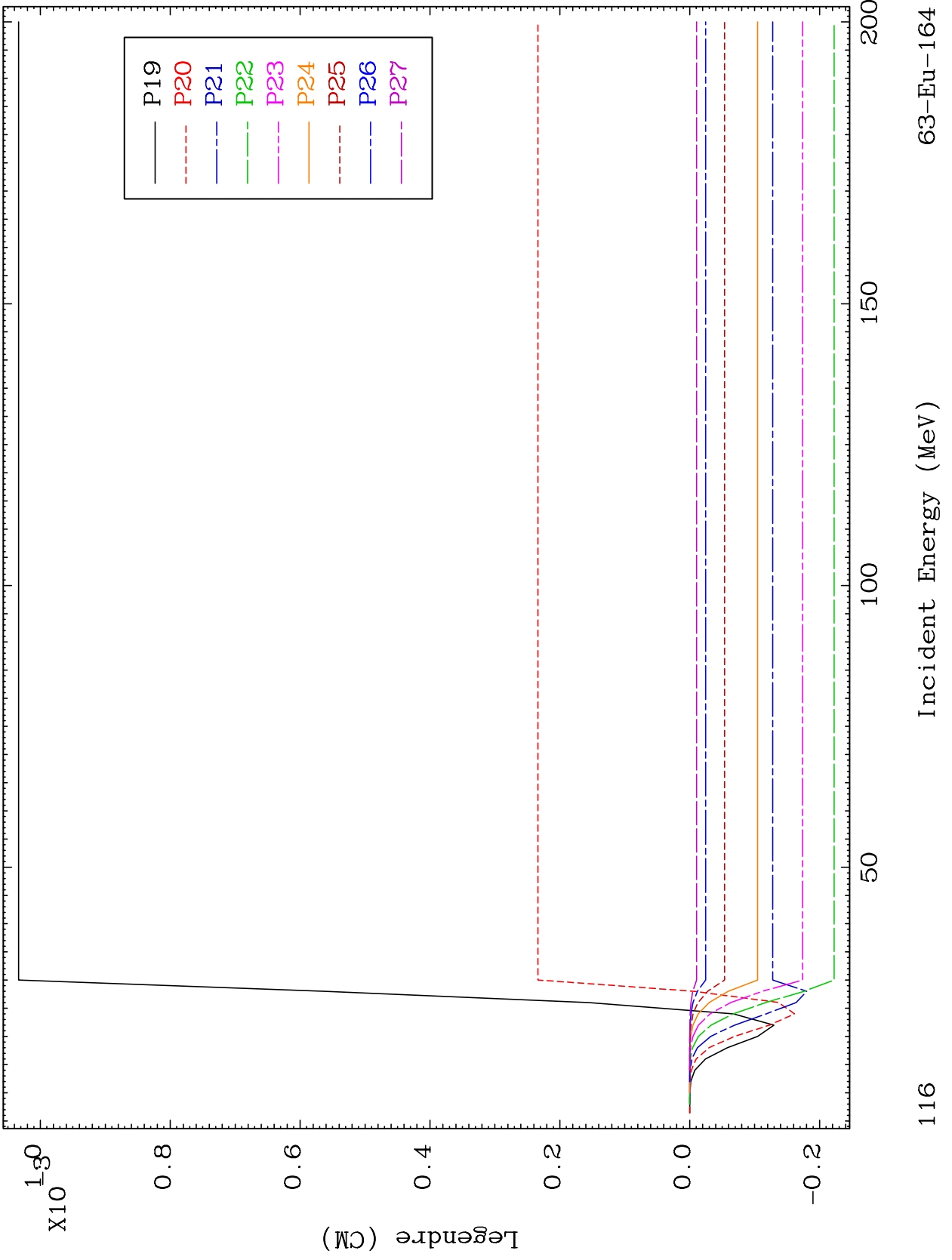
Incident Energy (MeV)

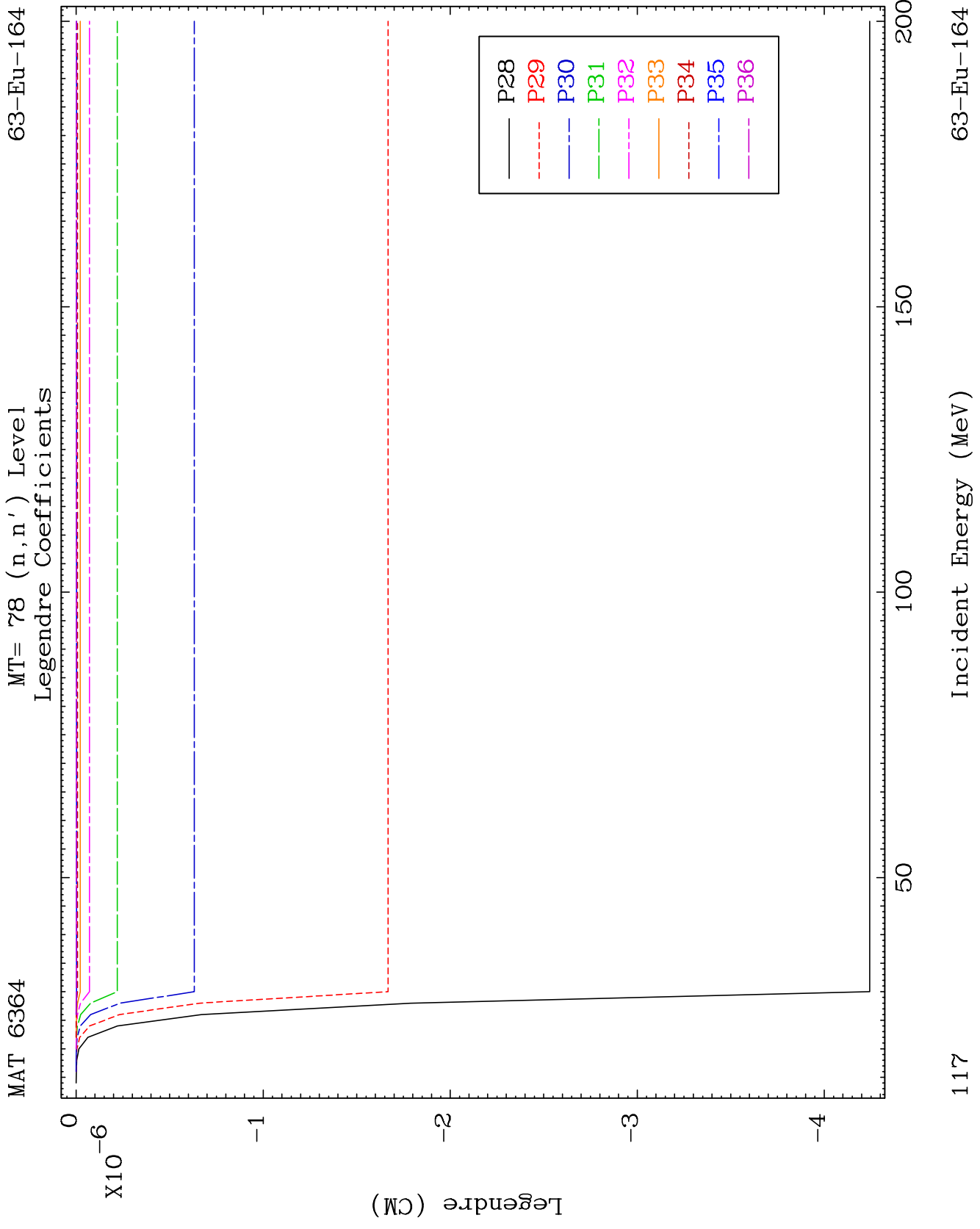
115

MAT 6364

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

63-Eu-164

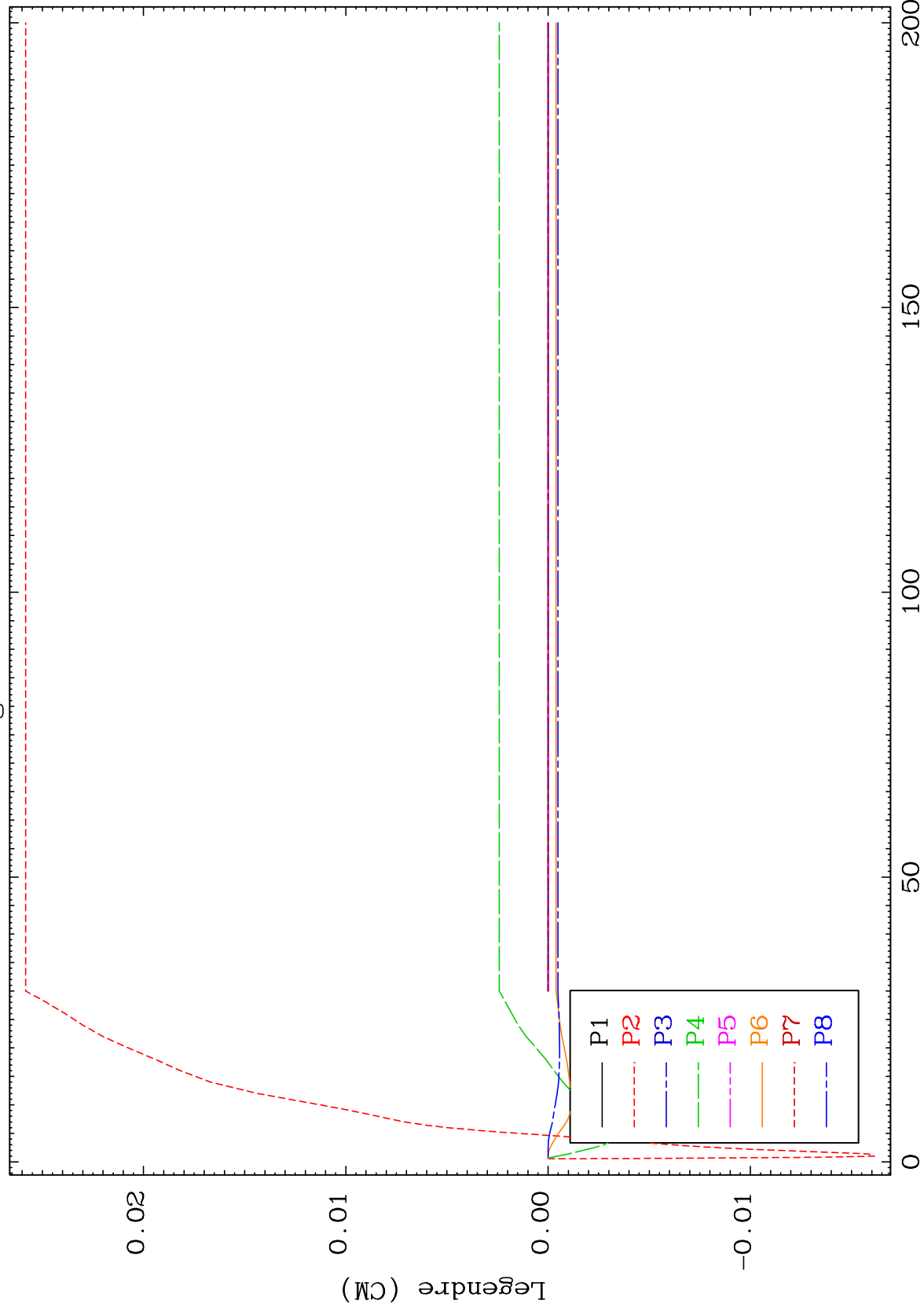




MAT 6364

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

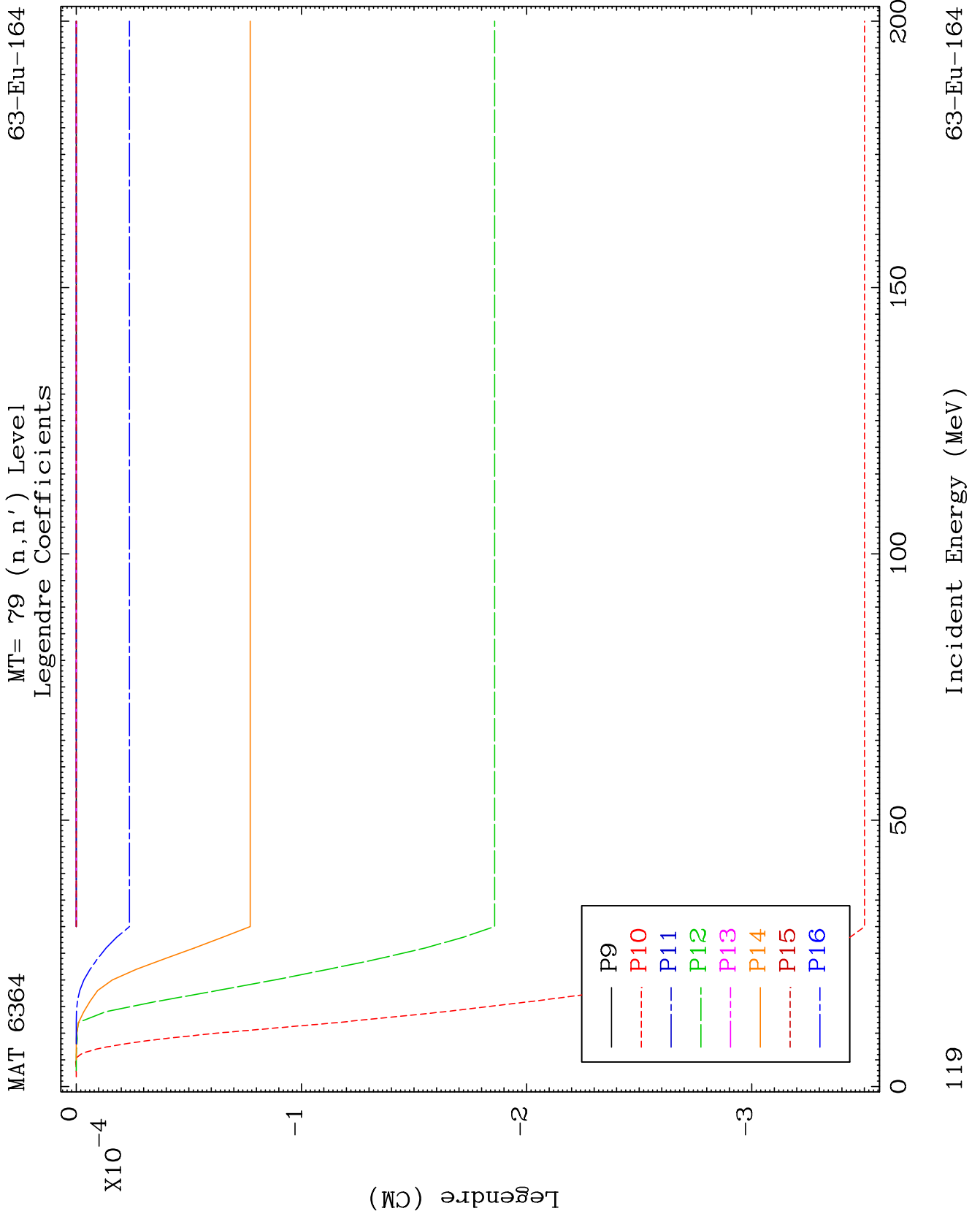
63-Eu-164

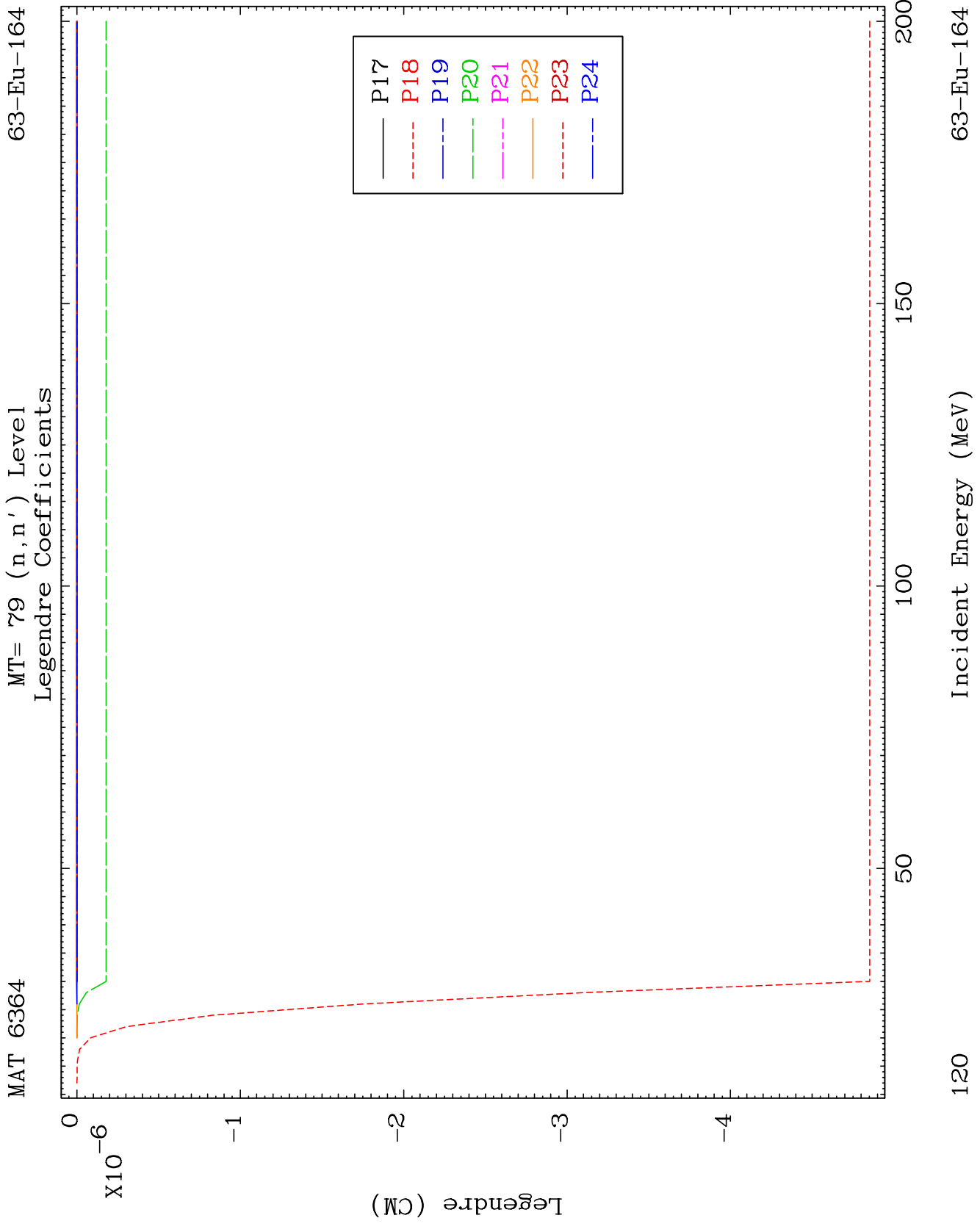


118

Incident Energy (MeV)

63-Eu-164



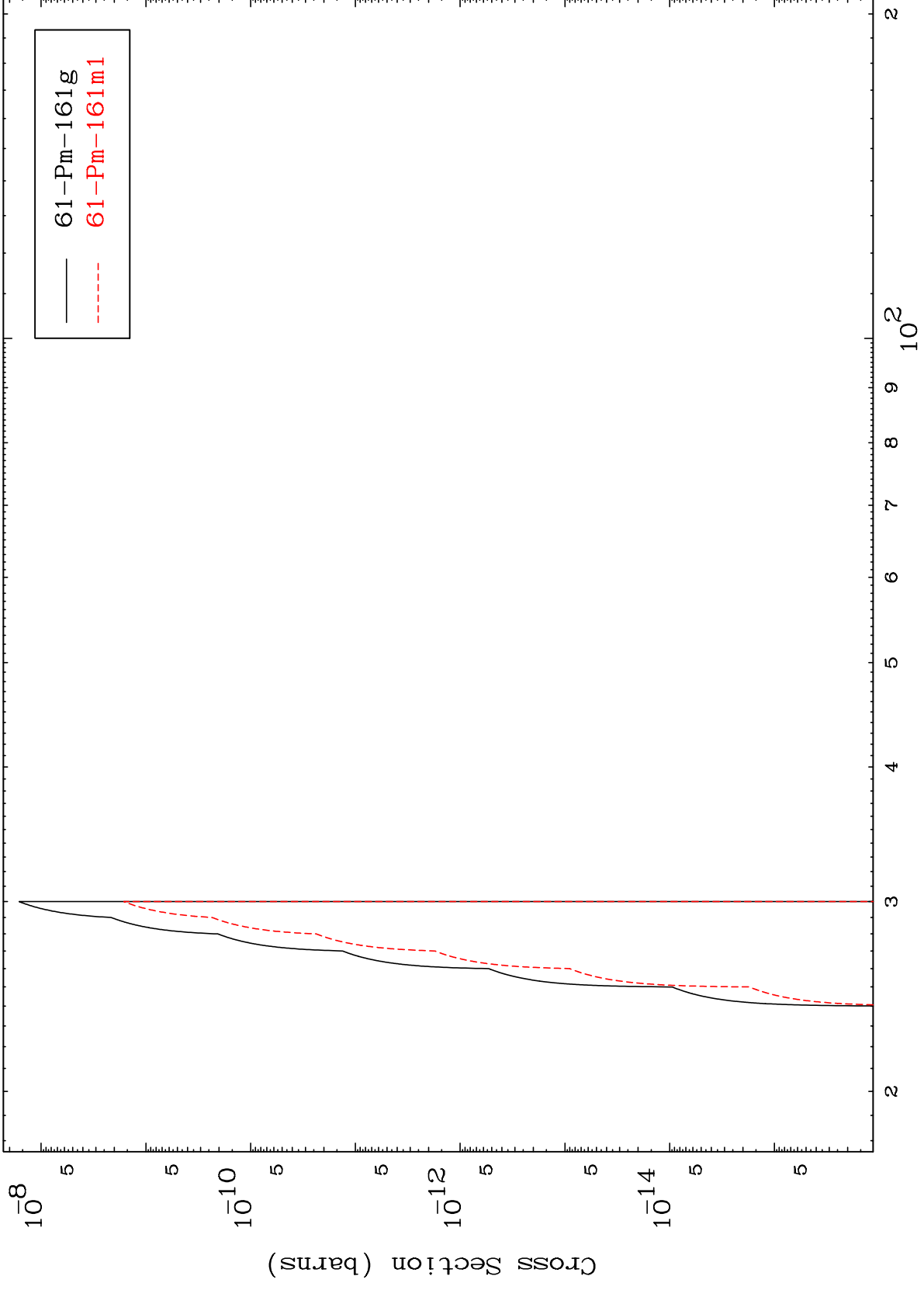


MAT 6364

(n,n') He-3

63-Eu-164

Radionuclide Production Cross Section



61-Pm-161g
61-Pm-161m1

121

Incident Energy (MeV)

63-Eu-164

MAT 6364

63-Eu-164

(n, α)
Radionuclide Production Cross Section

