

Program EVALPLOT
(Version 2021-1)

by

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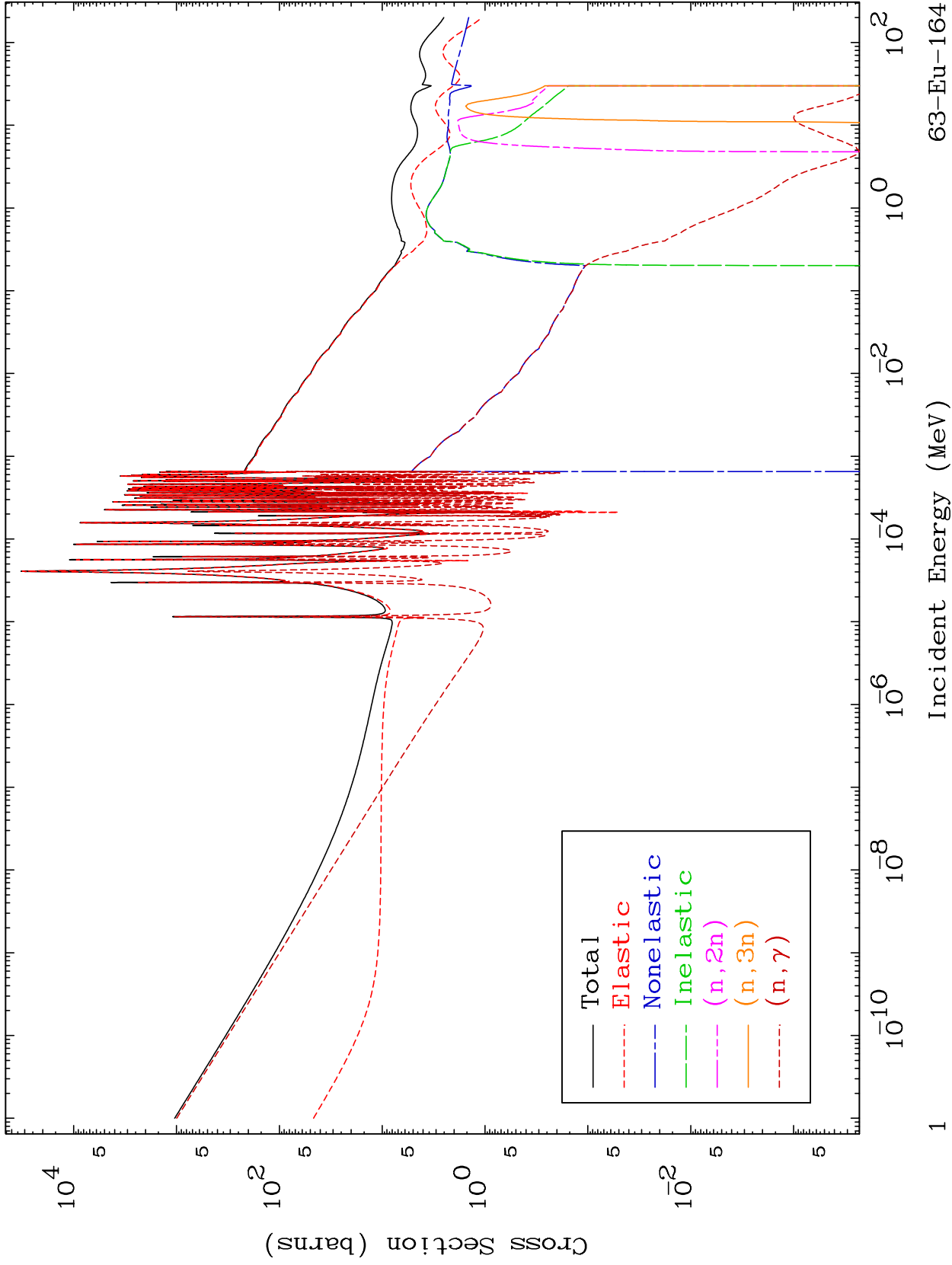
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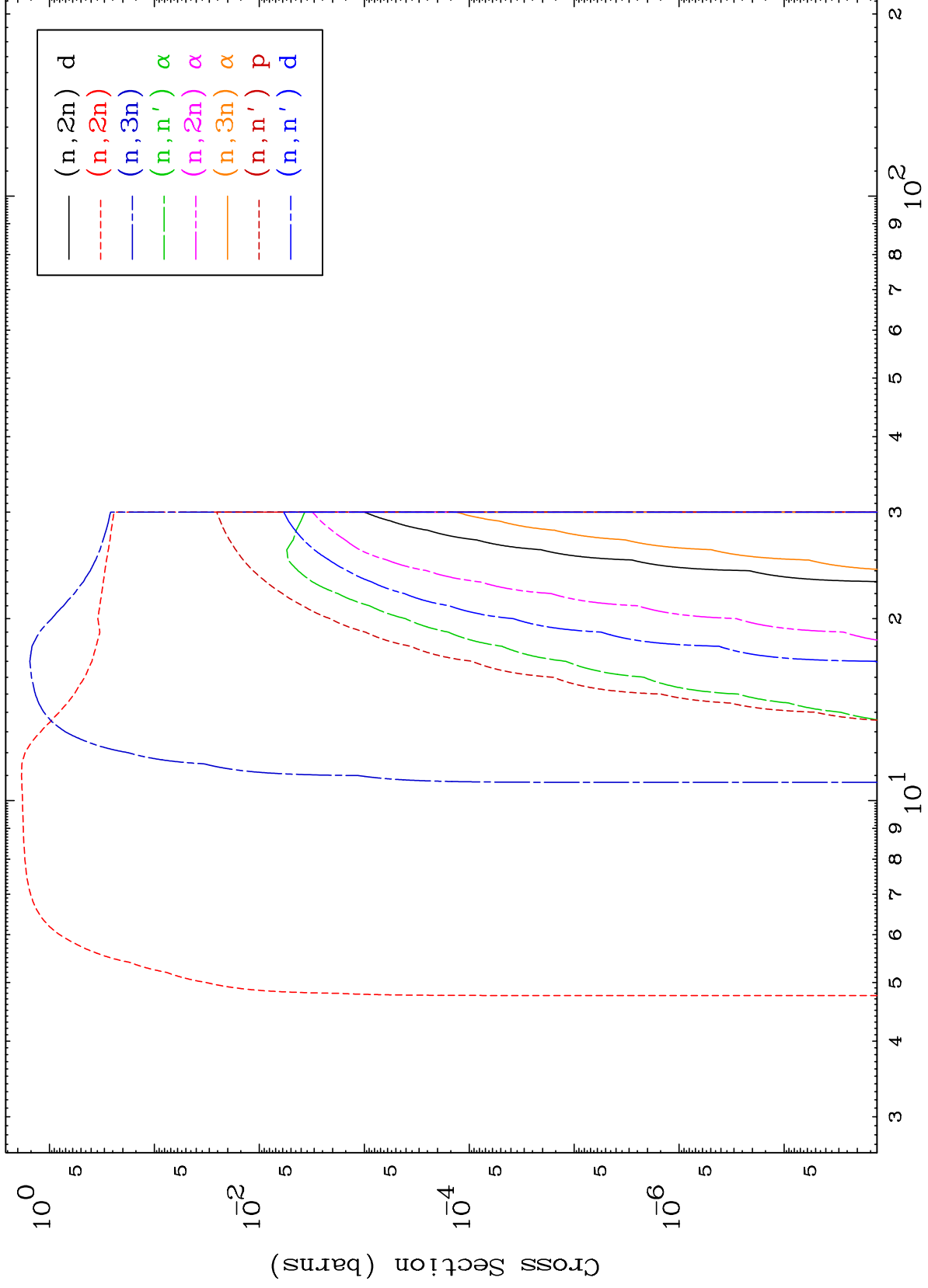
Press Mouse Button to Start

MAT 6364

Neutron Major
293 Kelvin Cross Sections

63-Eu-164

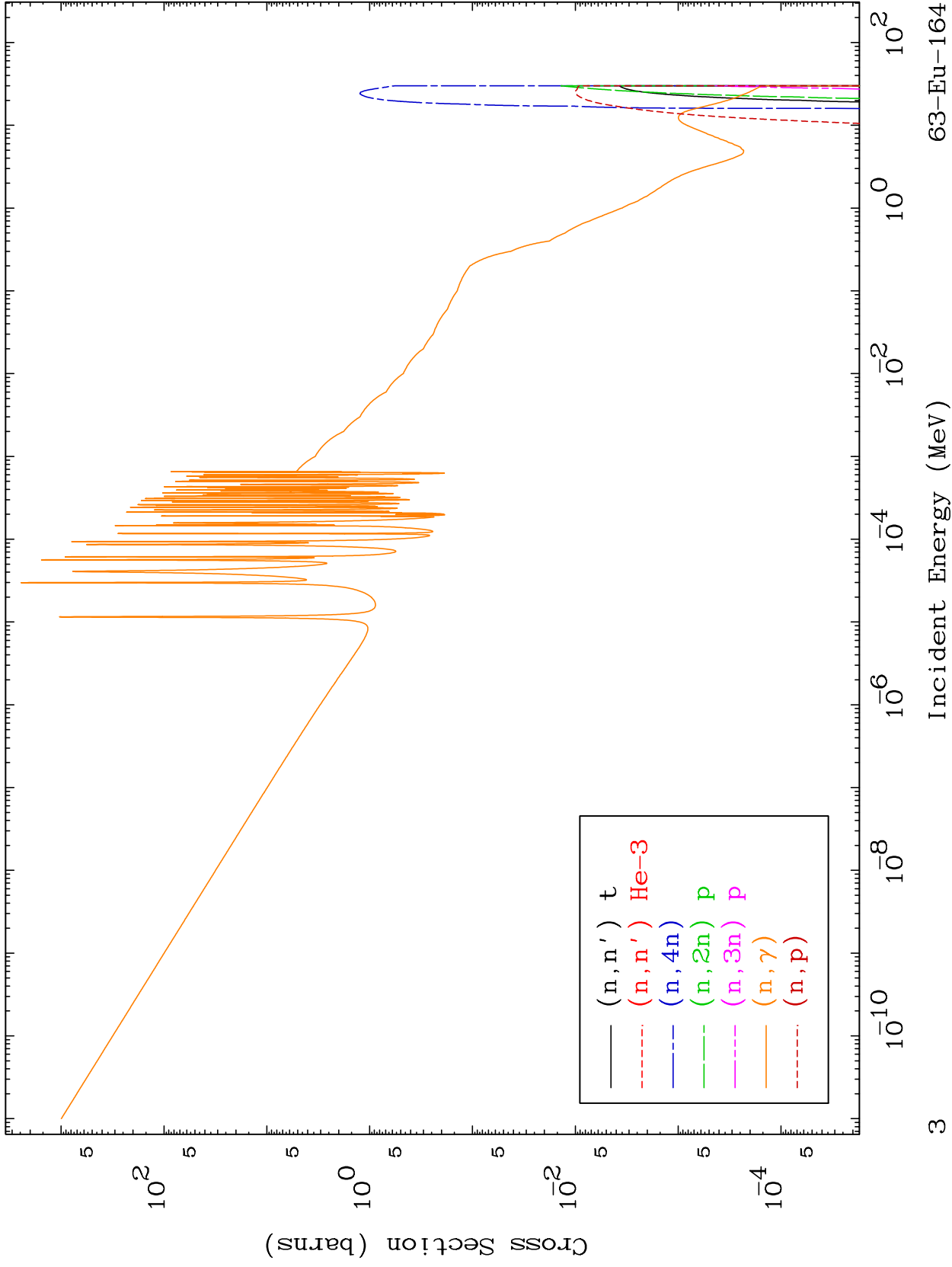




MAT 6364

Neutron Absorption
293 Kelvin Cross Sections

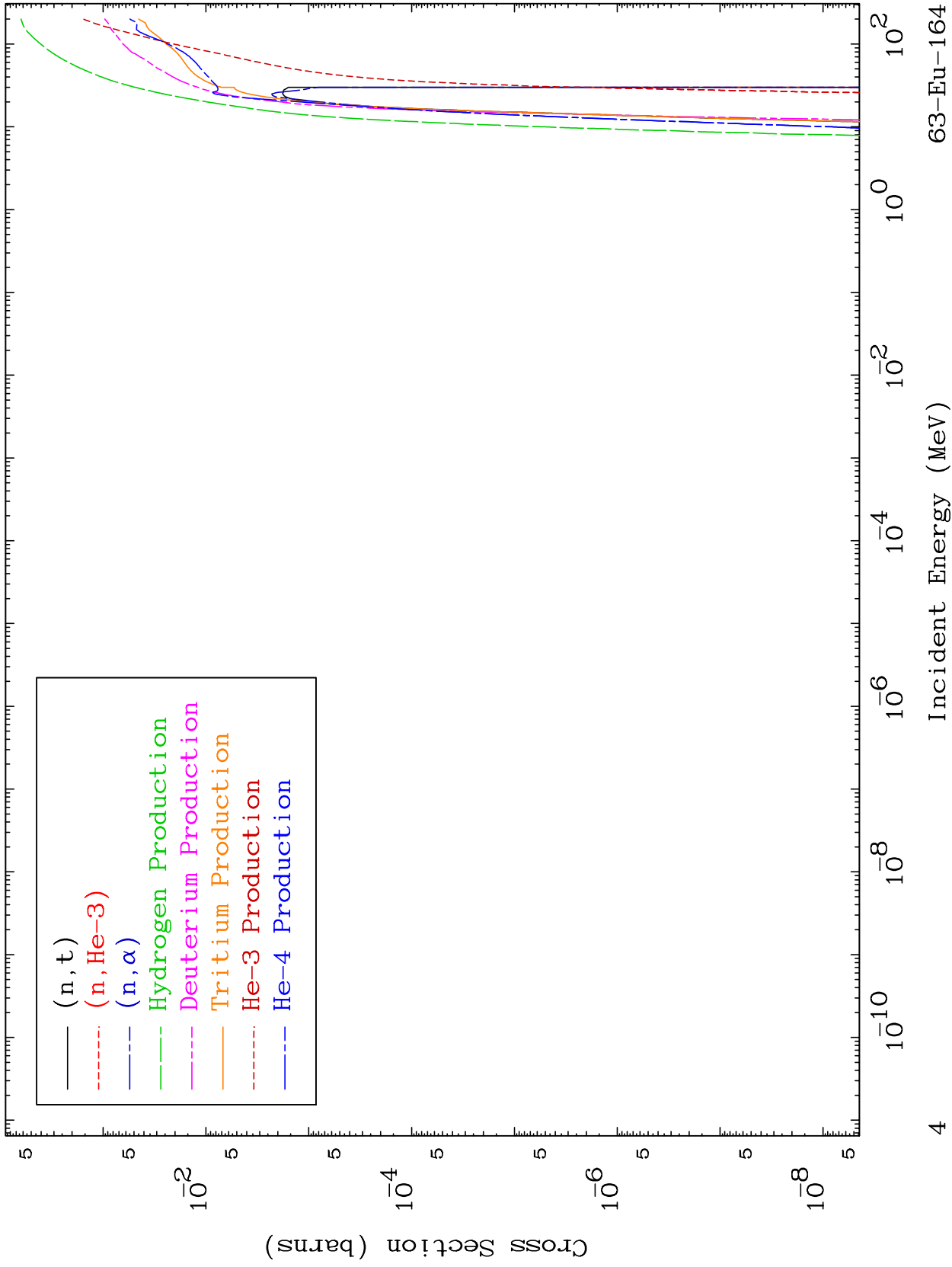
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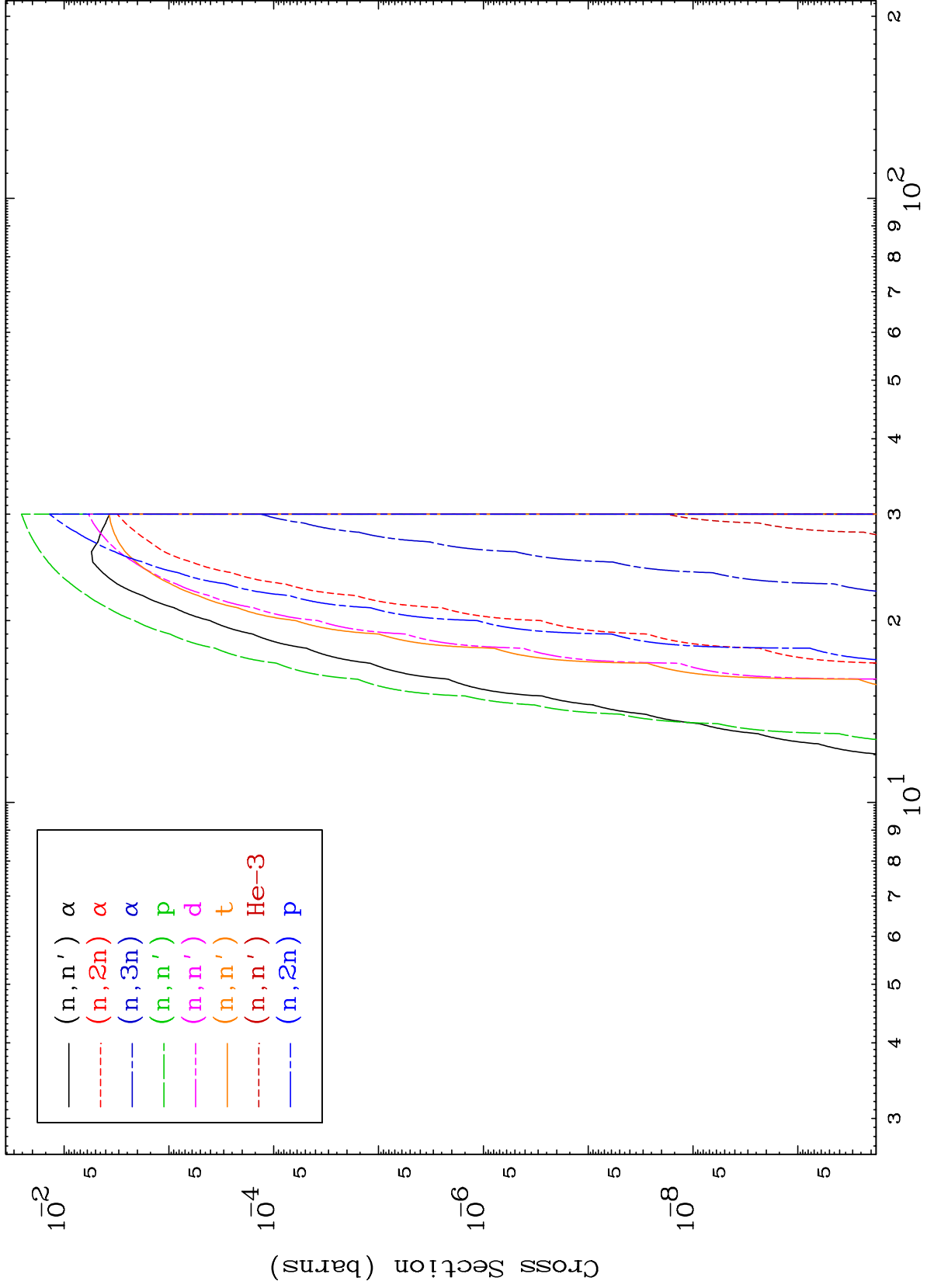


MAT 6364

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-164

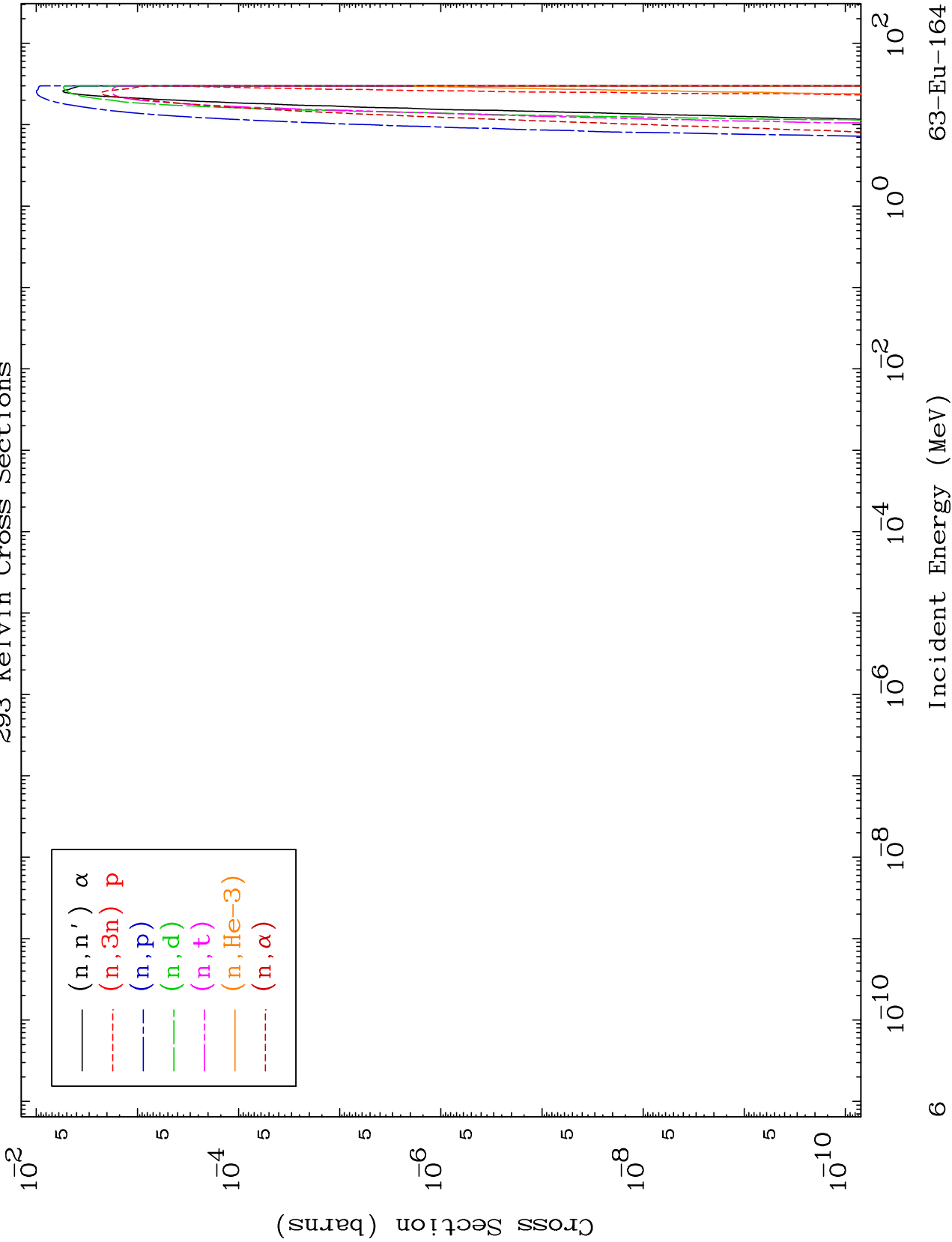


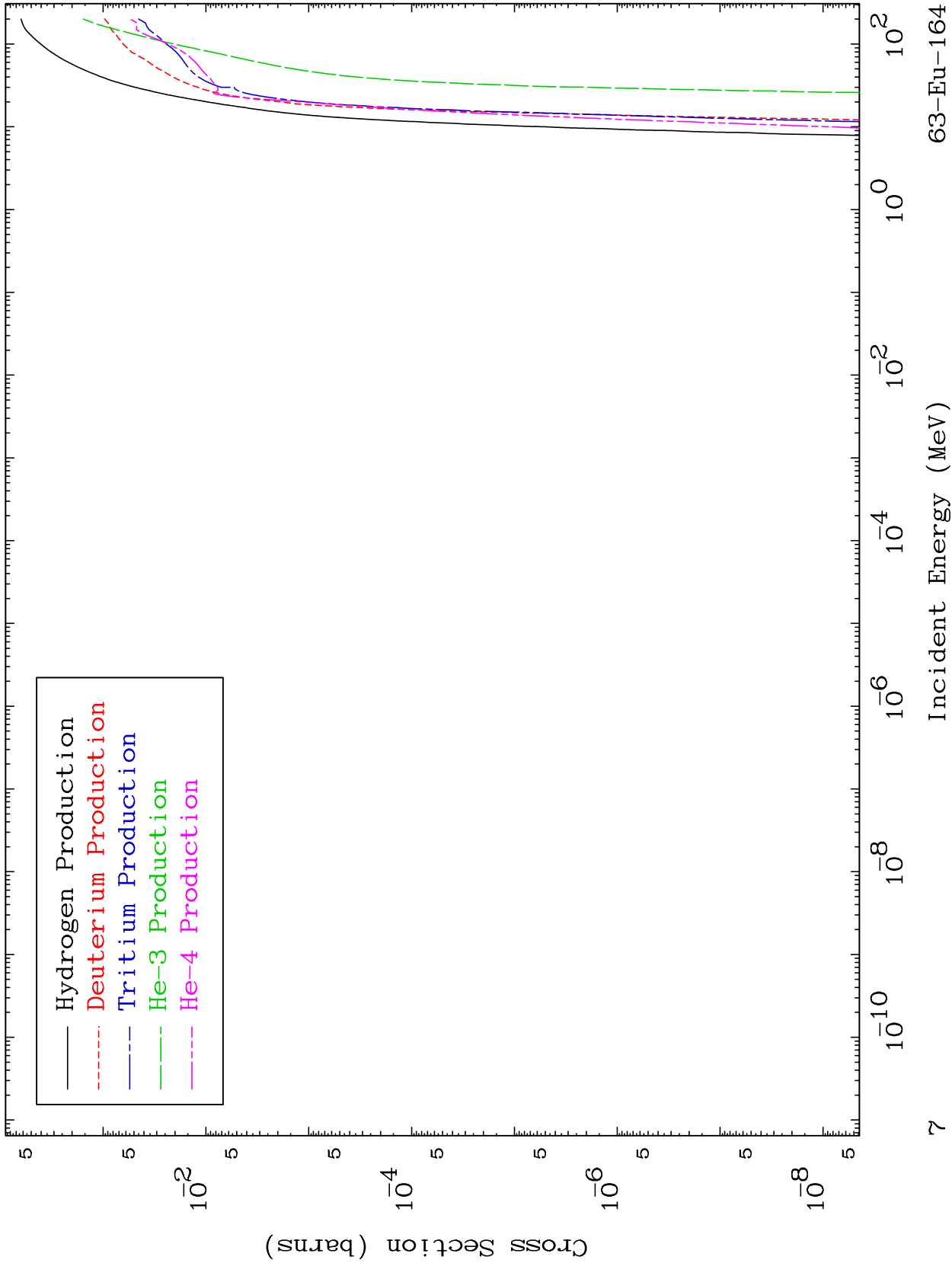


MAT 6364

Charged Particle
293 Kelvin Cross Sections

63-Eu-164



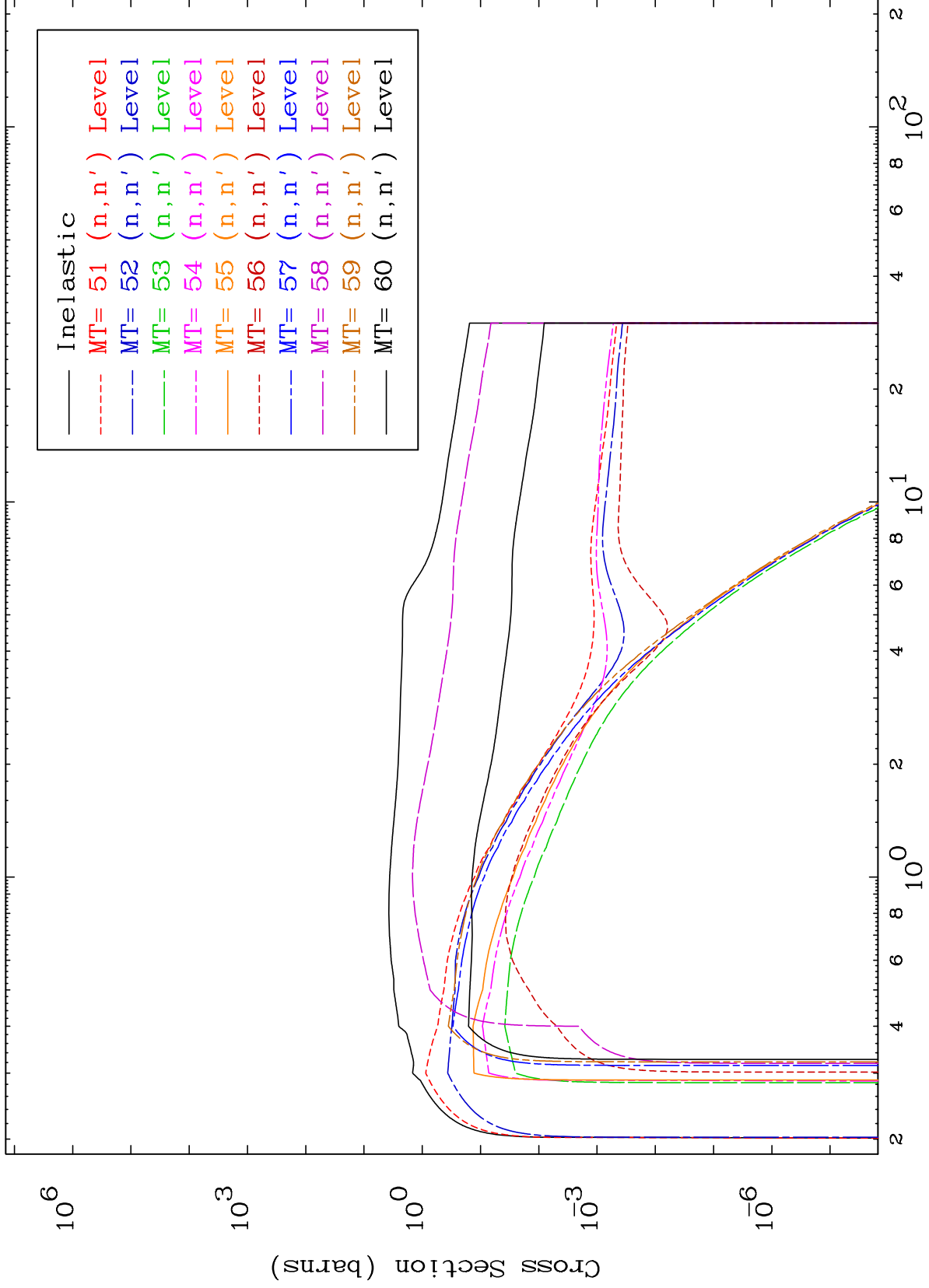


MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections



8

Incident Energy (MeV)

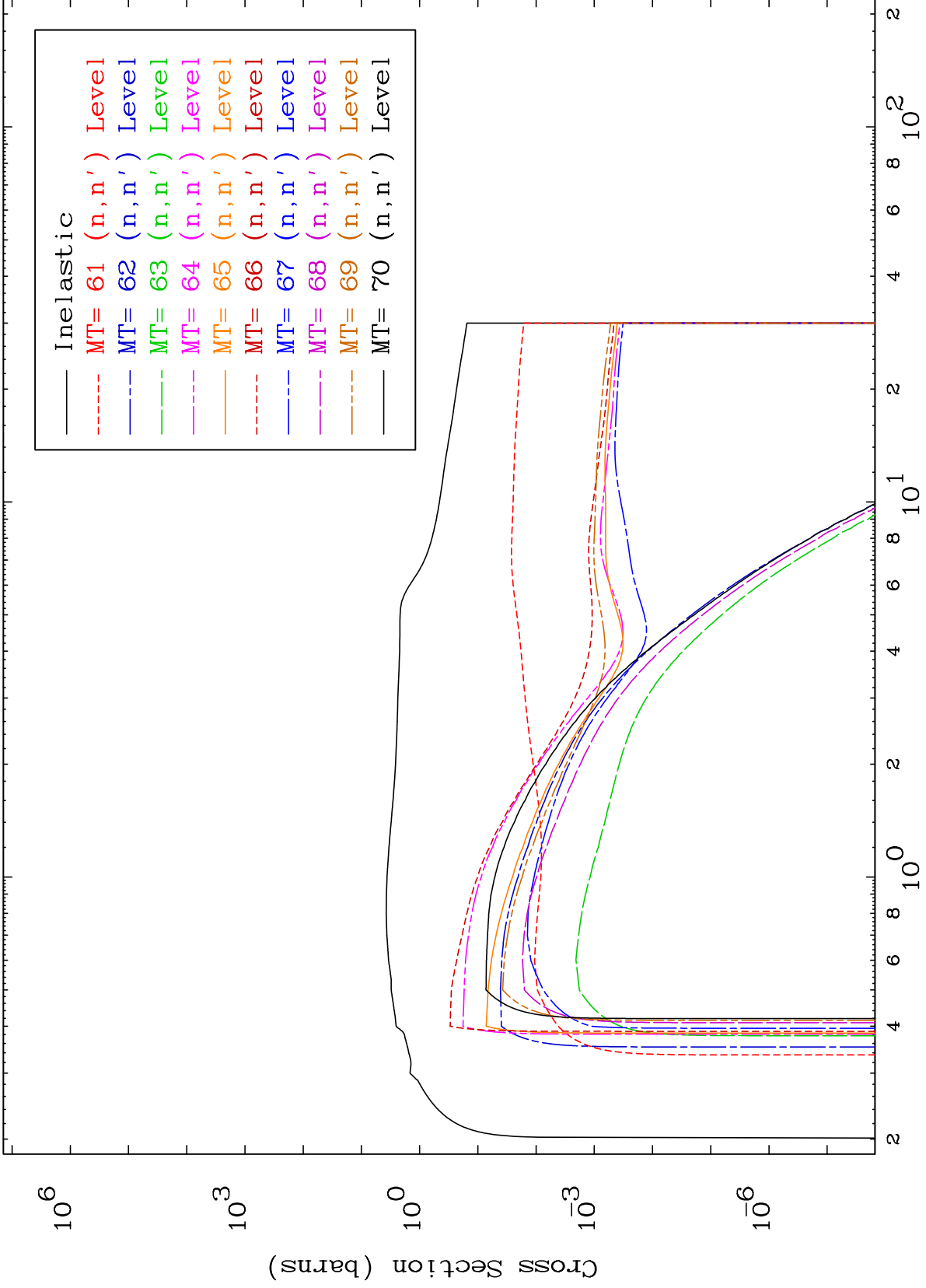
63-Eu-164

MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections



9

Incident Energy (MeV)

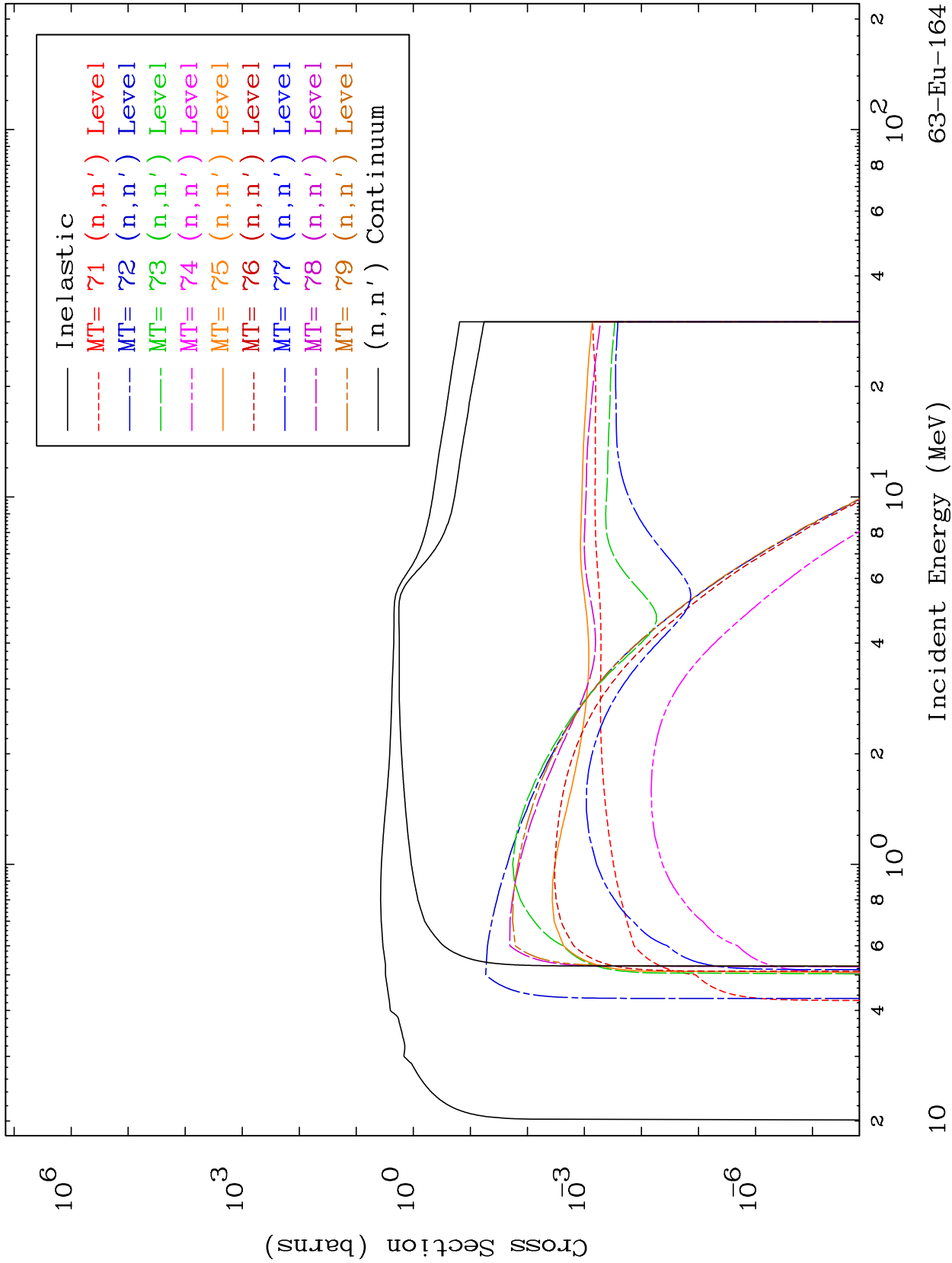
63-Eu-164

MAT 6364

(n,n') Levels

63-Eu-164

293 Kelvin Cross Sections



63-Eu-164

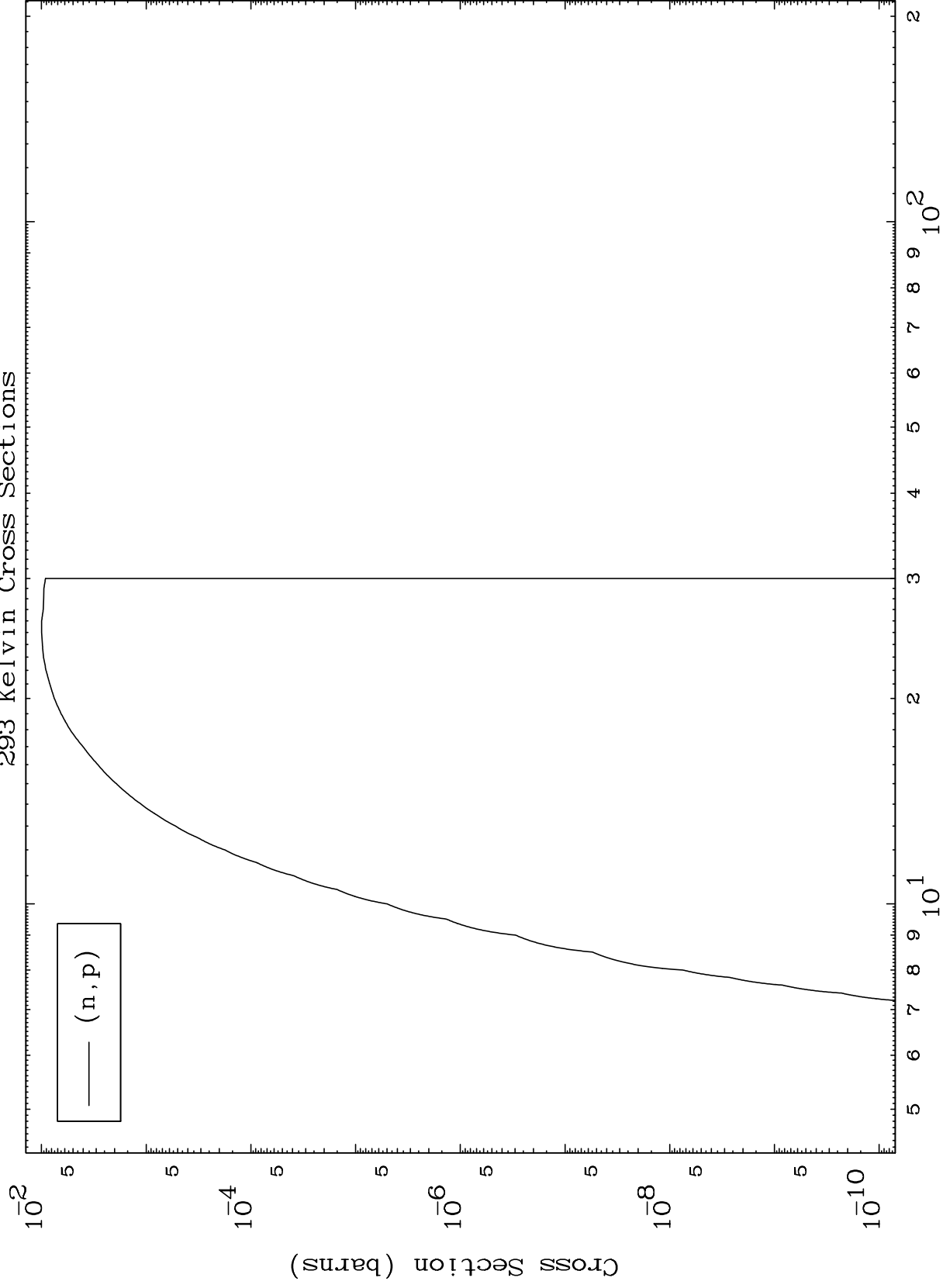
Incident Energy (MeV)

10

MAT 6364

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-164



11

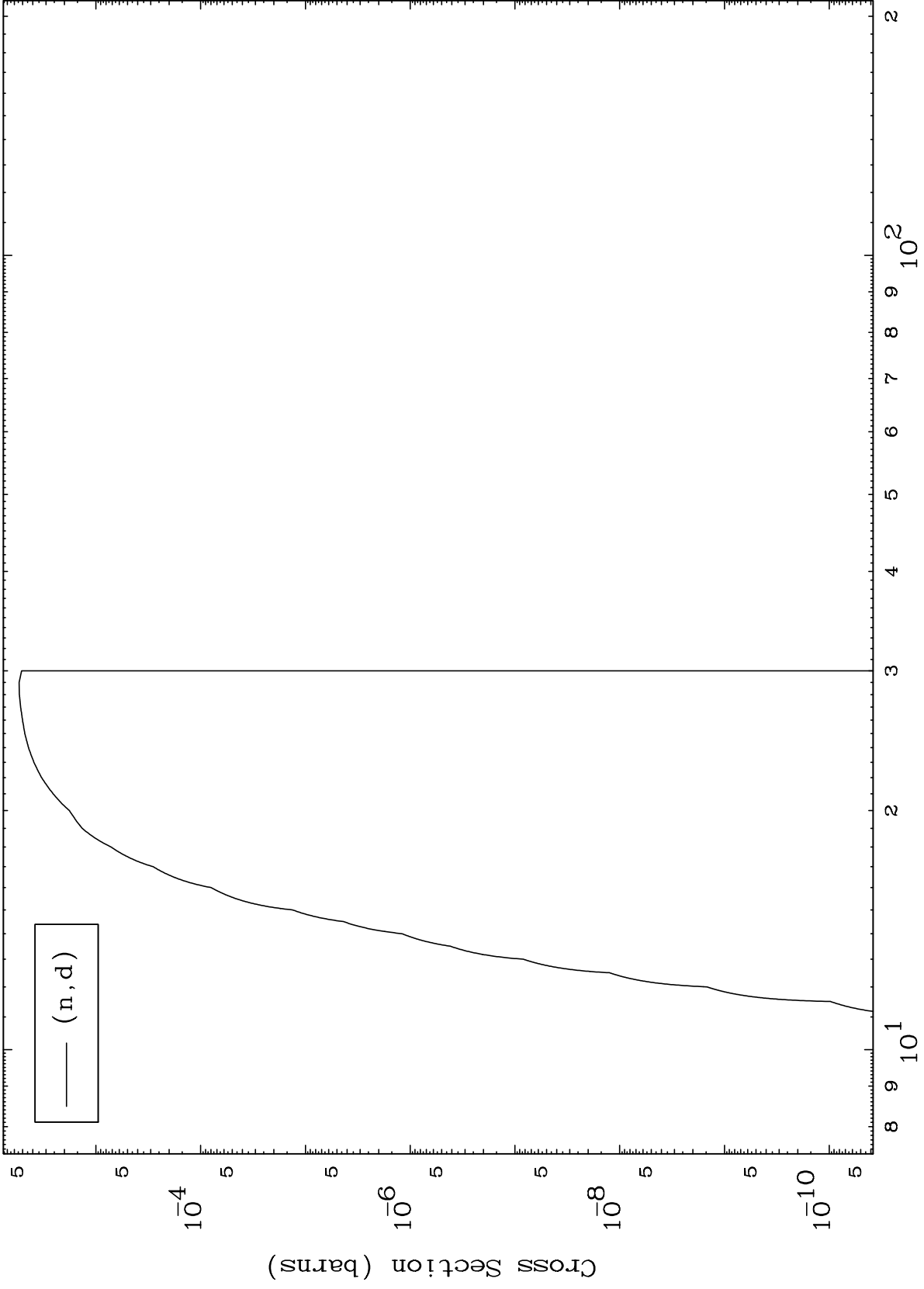
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-164



12

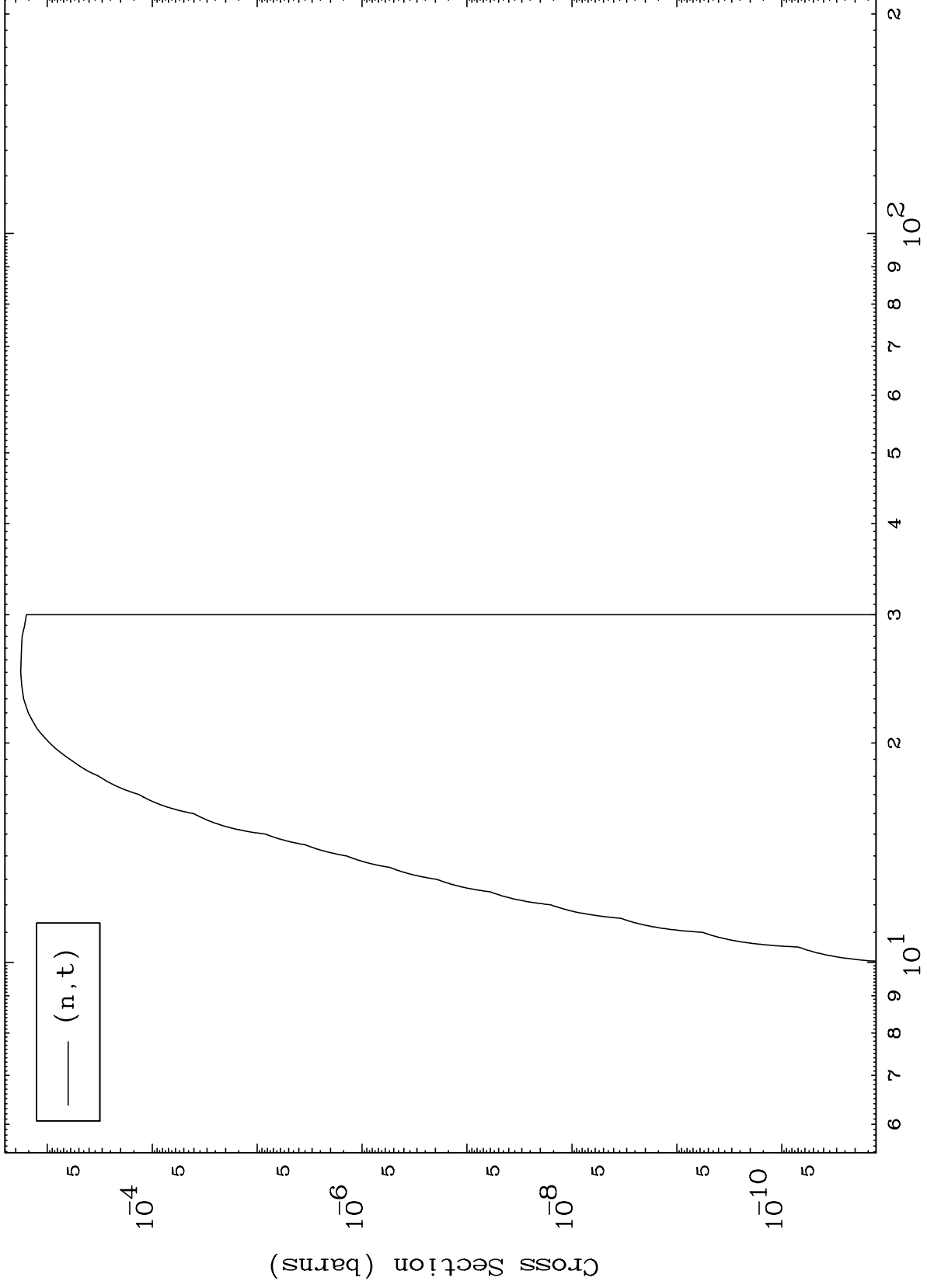
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n, t) Levels
293 Kelvin Cross Sections

63-Eu-164



13

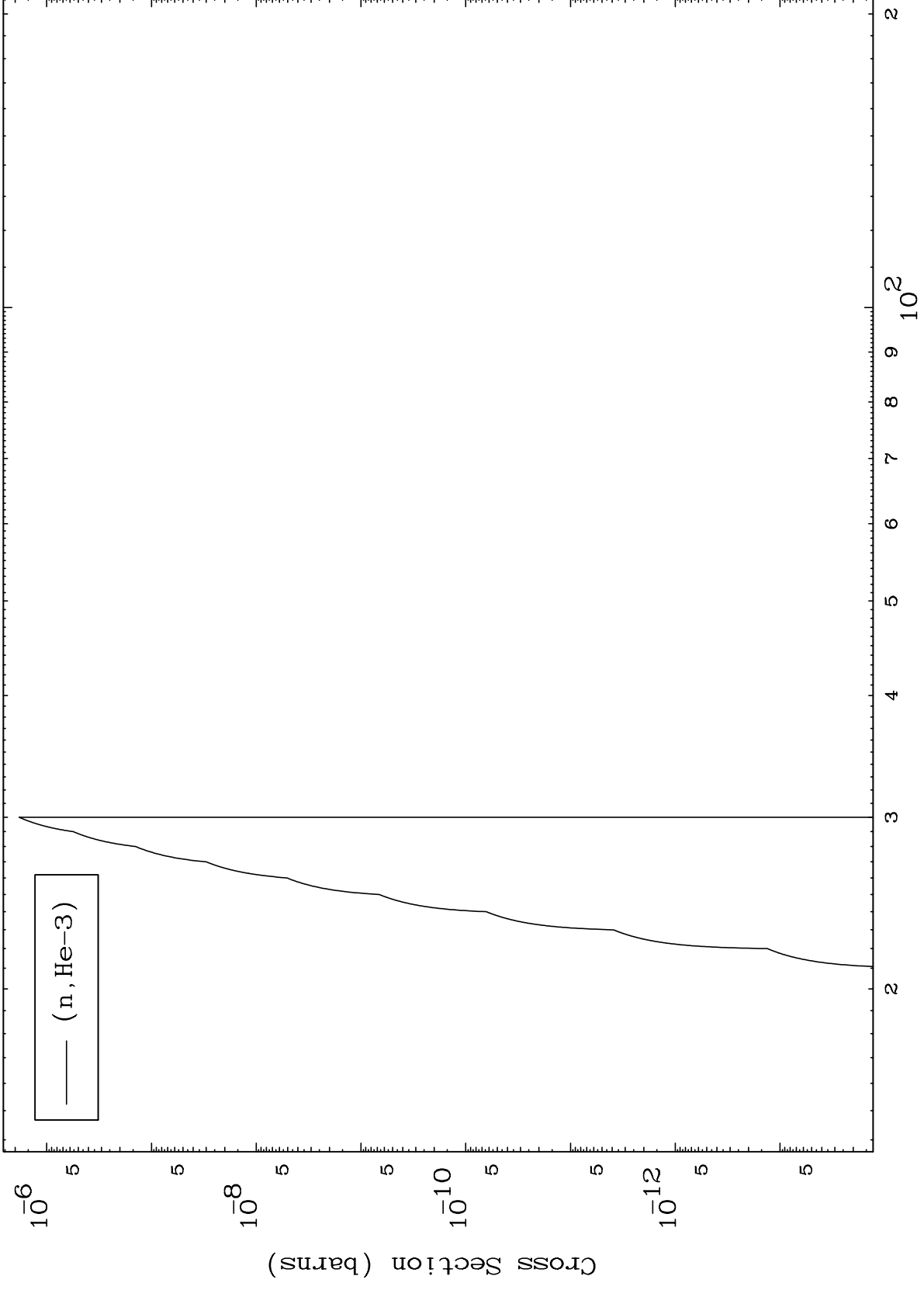
Incident Energy (MeV)

63-Eu-164

MAT 6364

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-164



14

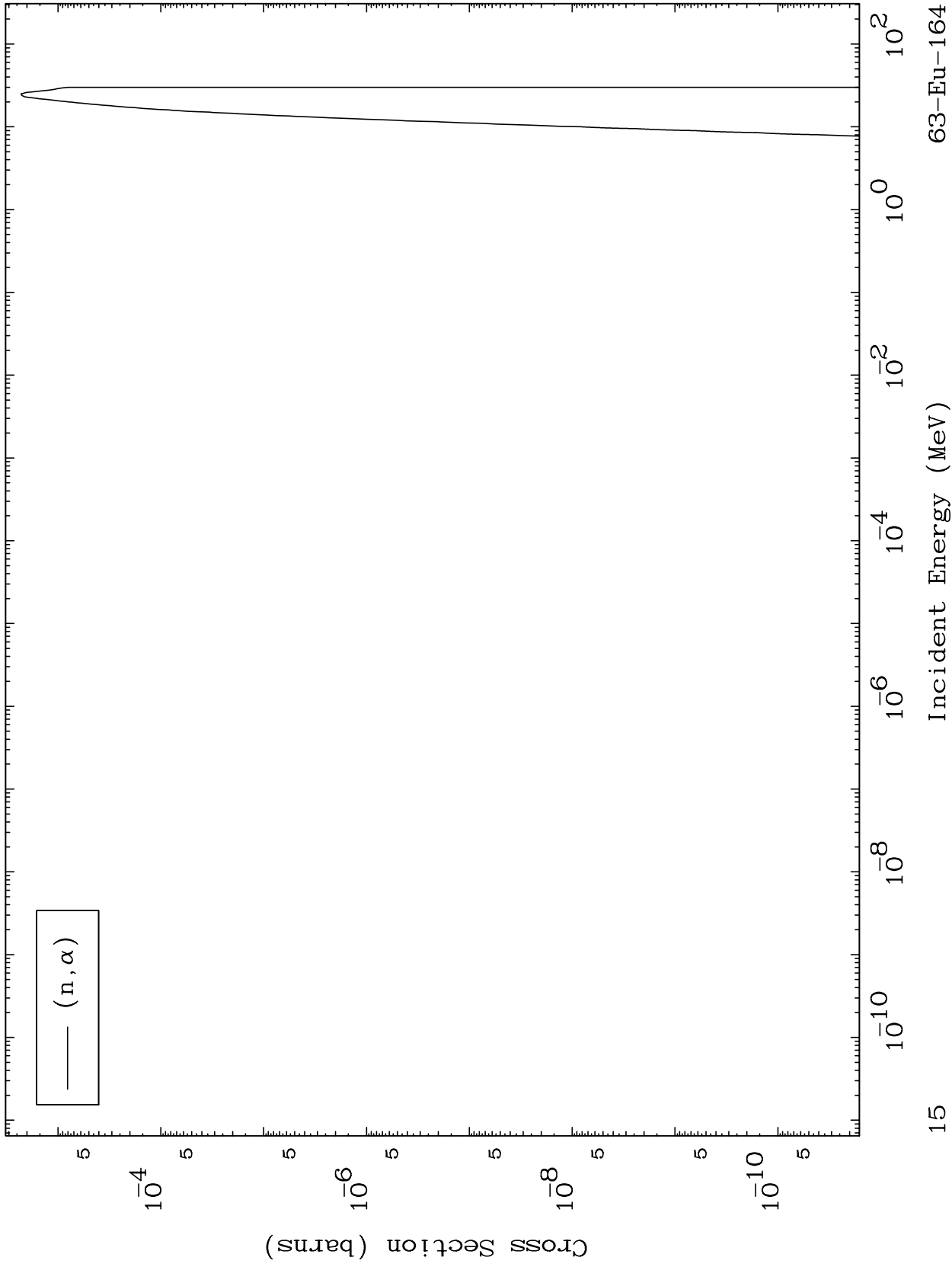
Incident Energy (MeV)

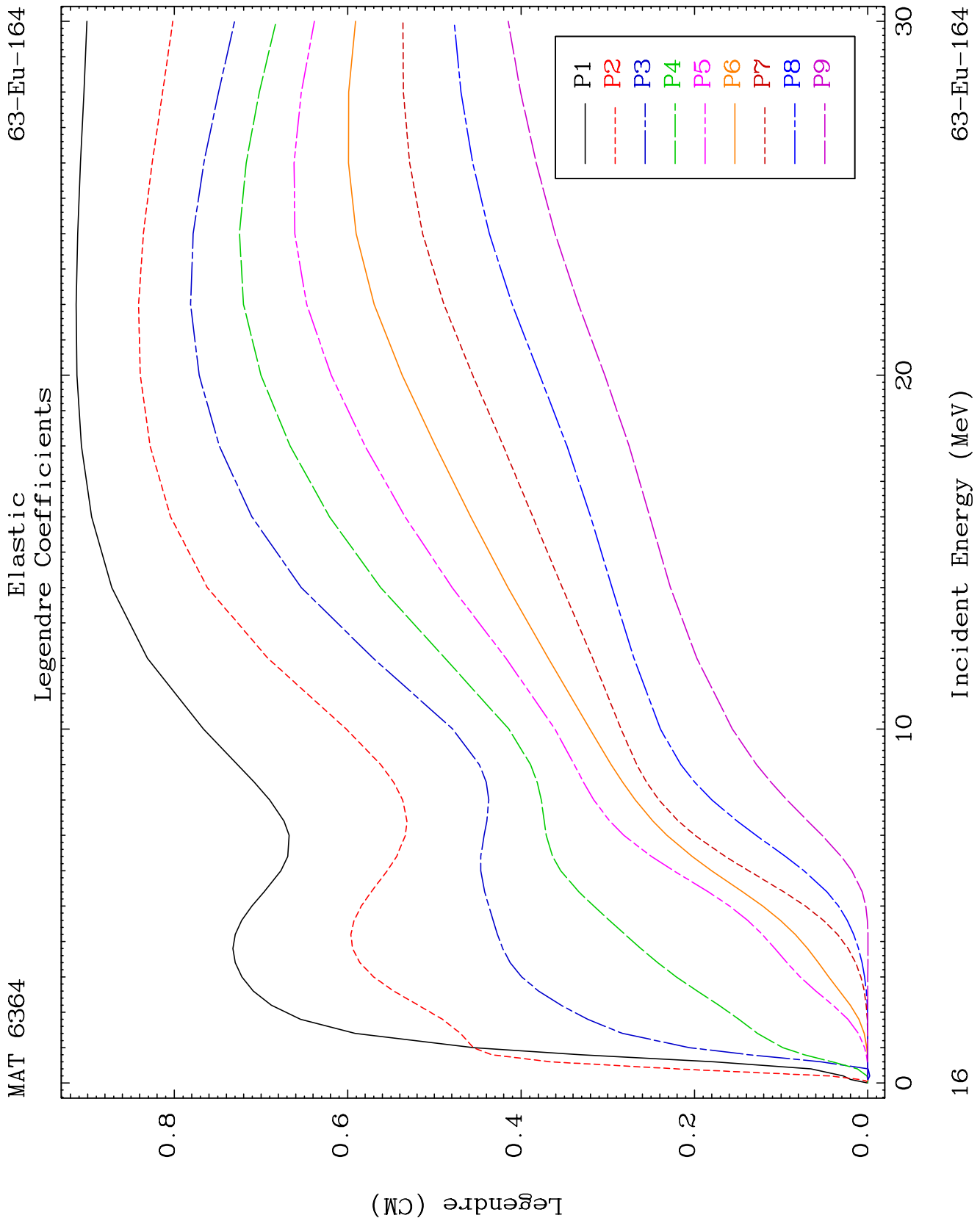
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MAT 6364

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-164

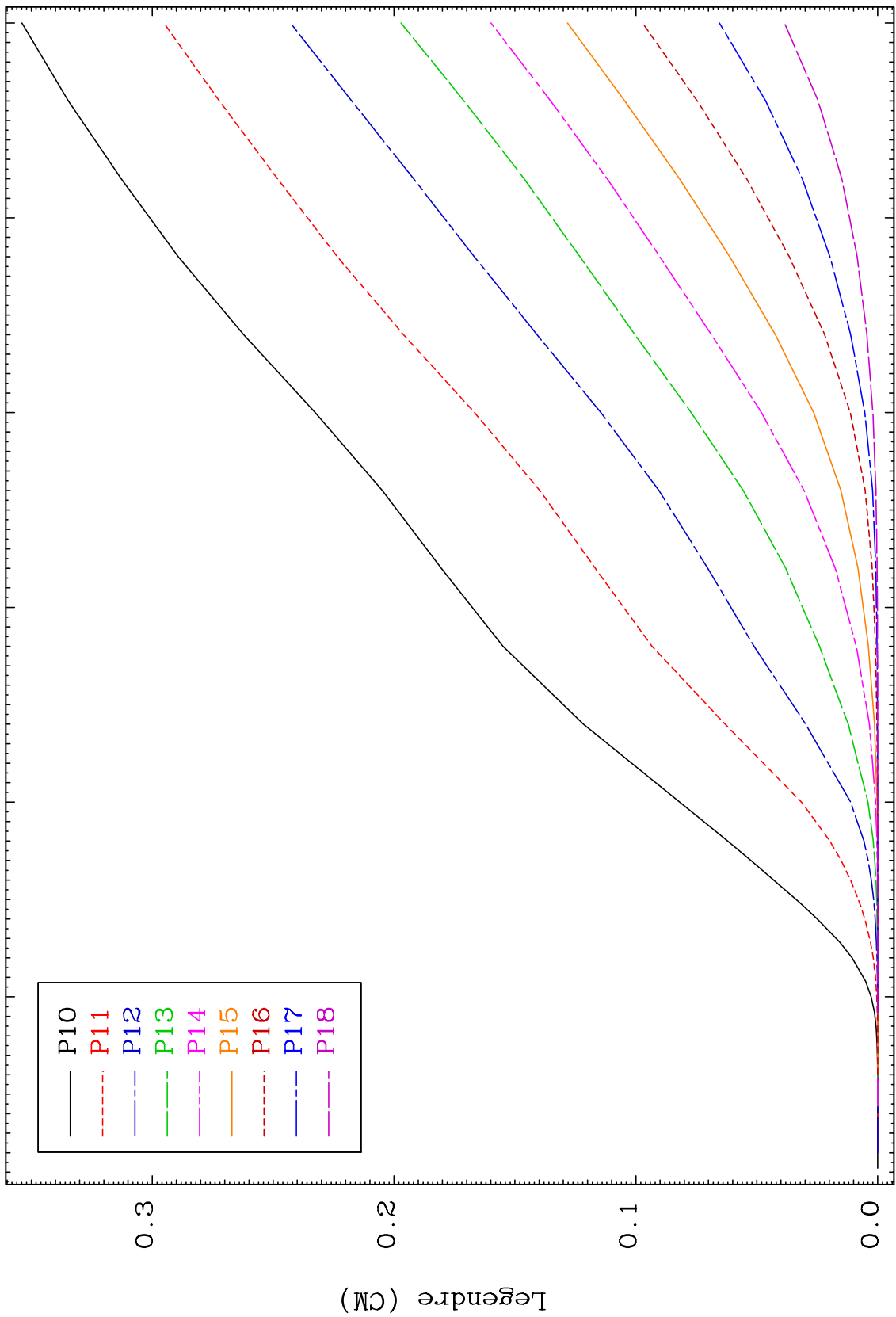




MAT 6364

Elastic Legendre Coefficients

63-Eu-164



17

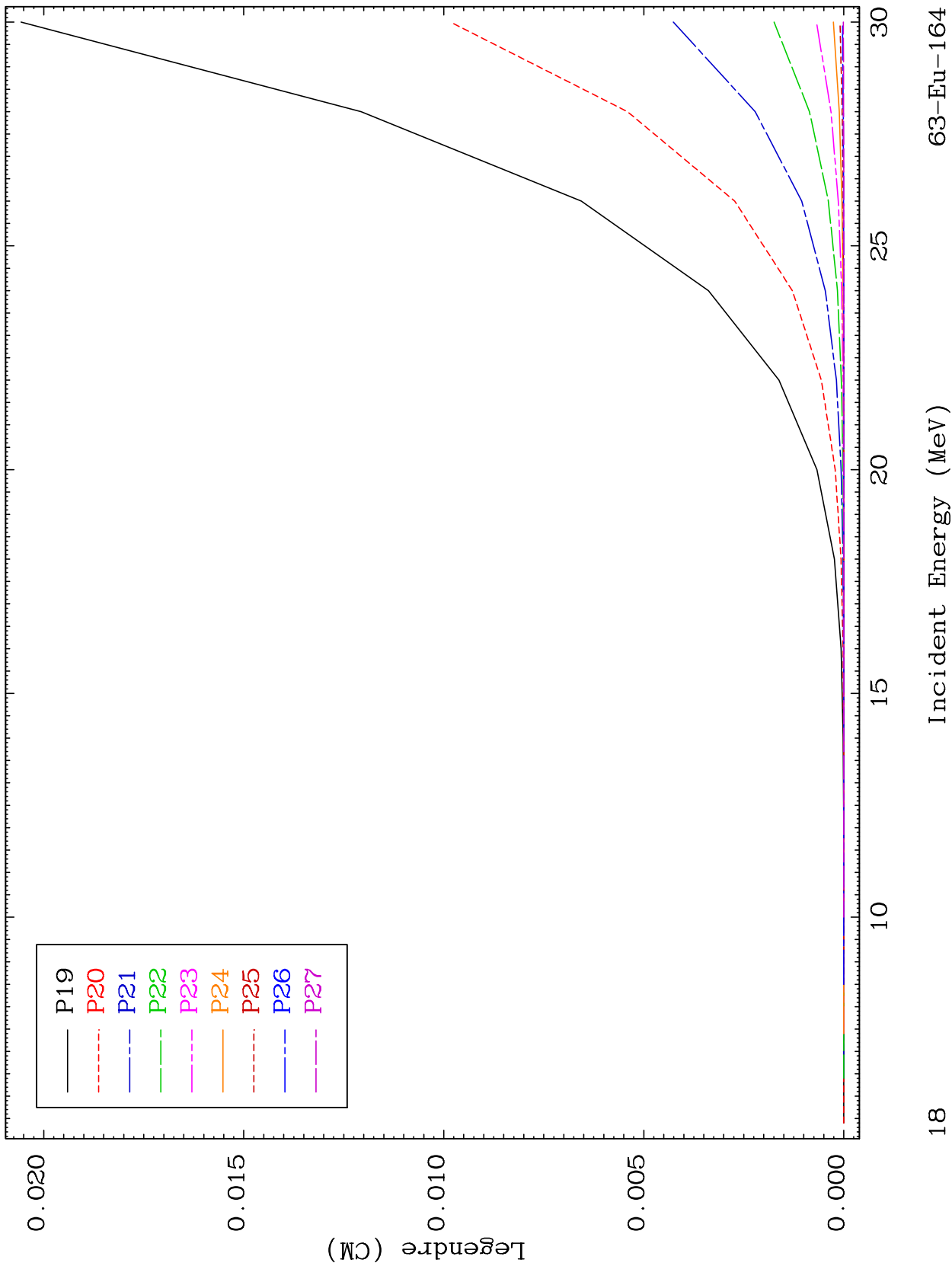
Incident Energy (MeV)

63-Eu-164

MAT 6364

Elastic Legendre Coefficients

⁶³-Eu-164



18

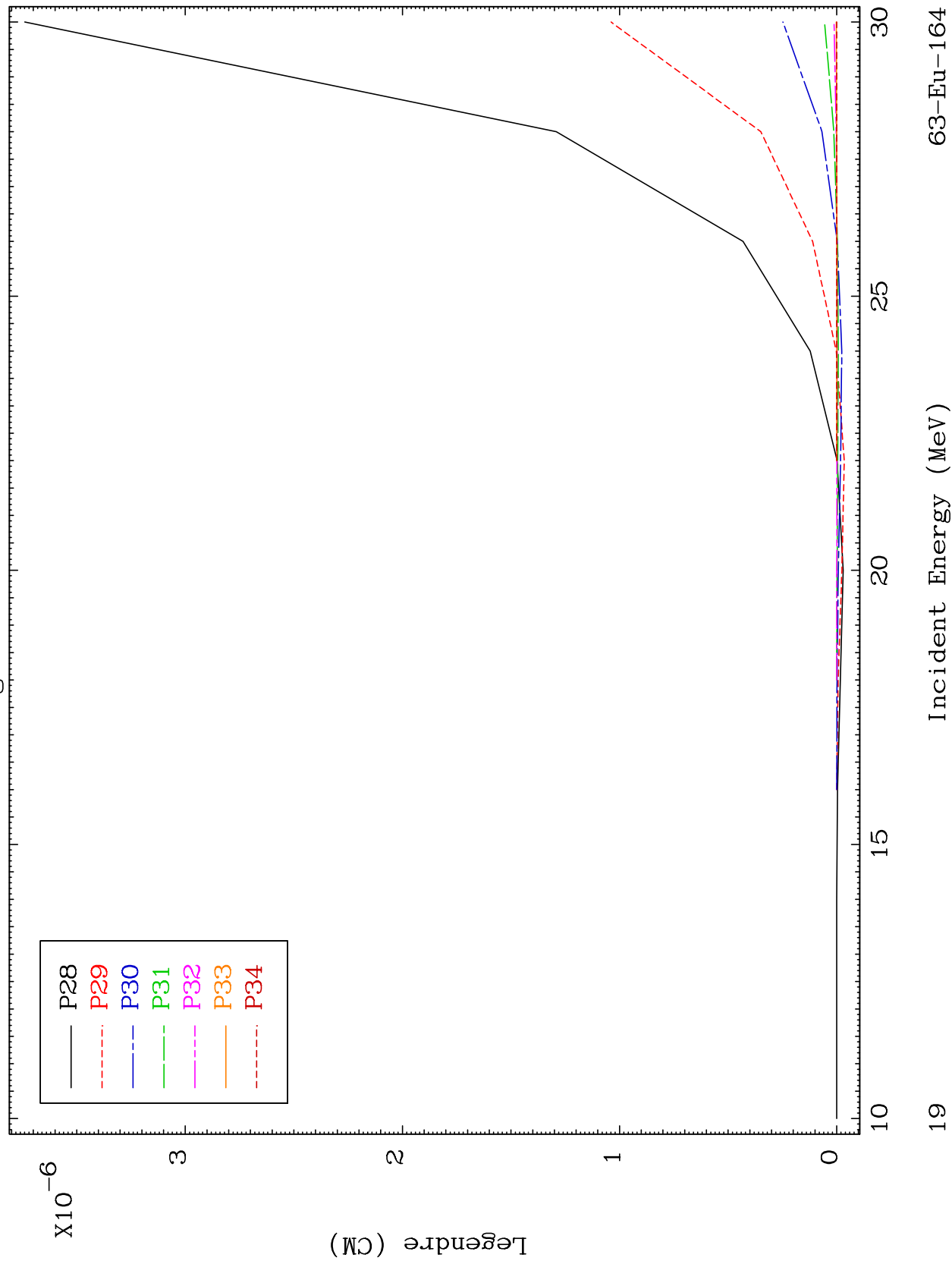
Incident Energy (MeV)

⁶³-Eu-164

MAT 6364

Elastic
Legendre Coefficients

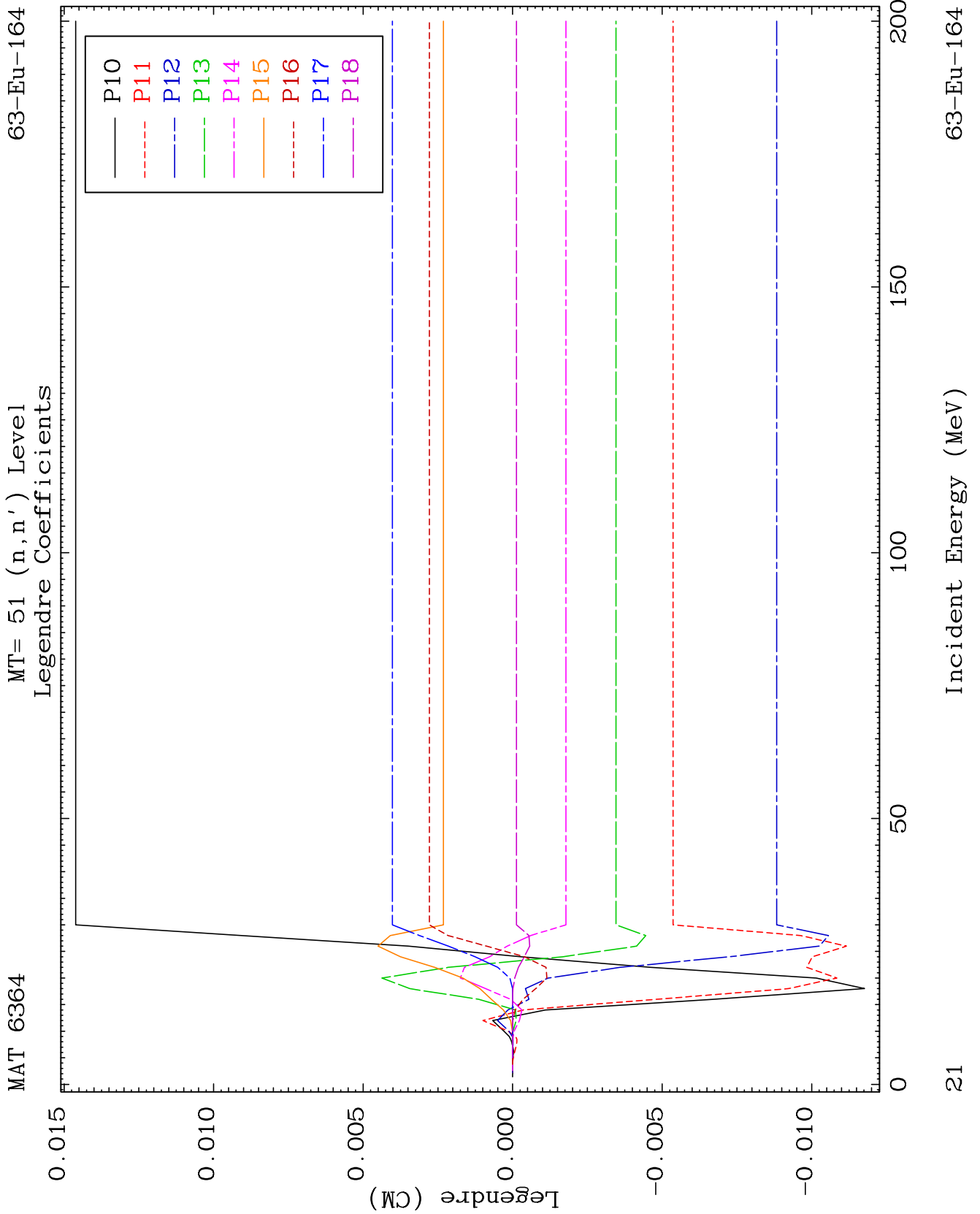
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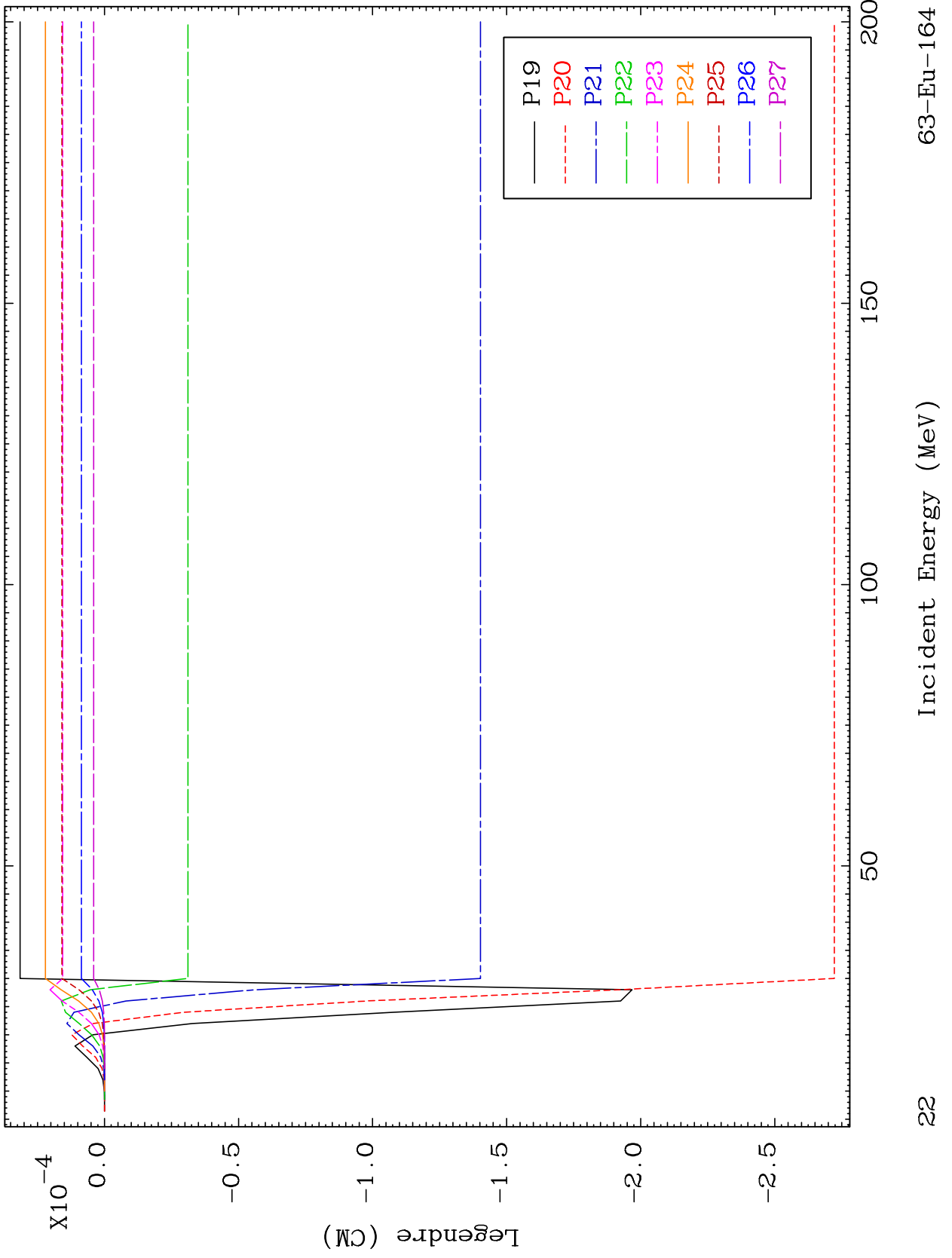


19

Incident Energy (MeV)

63-Eu-164

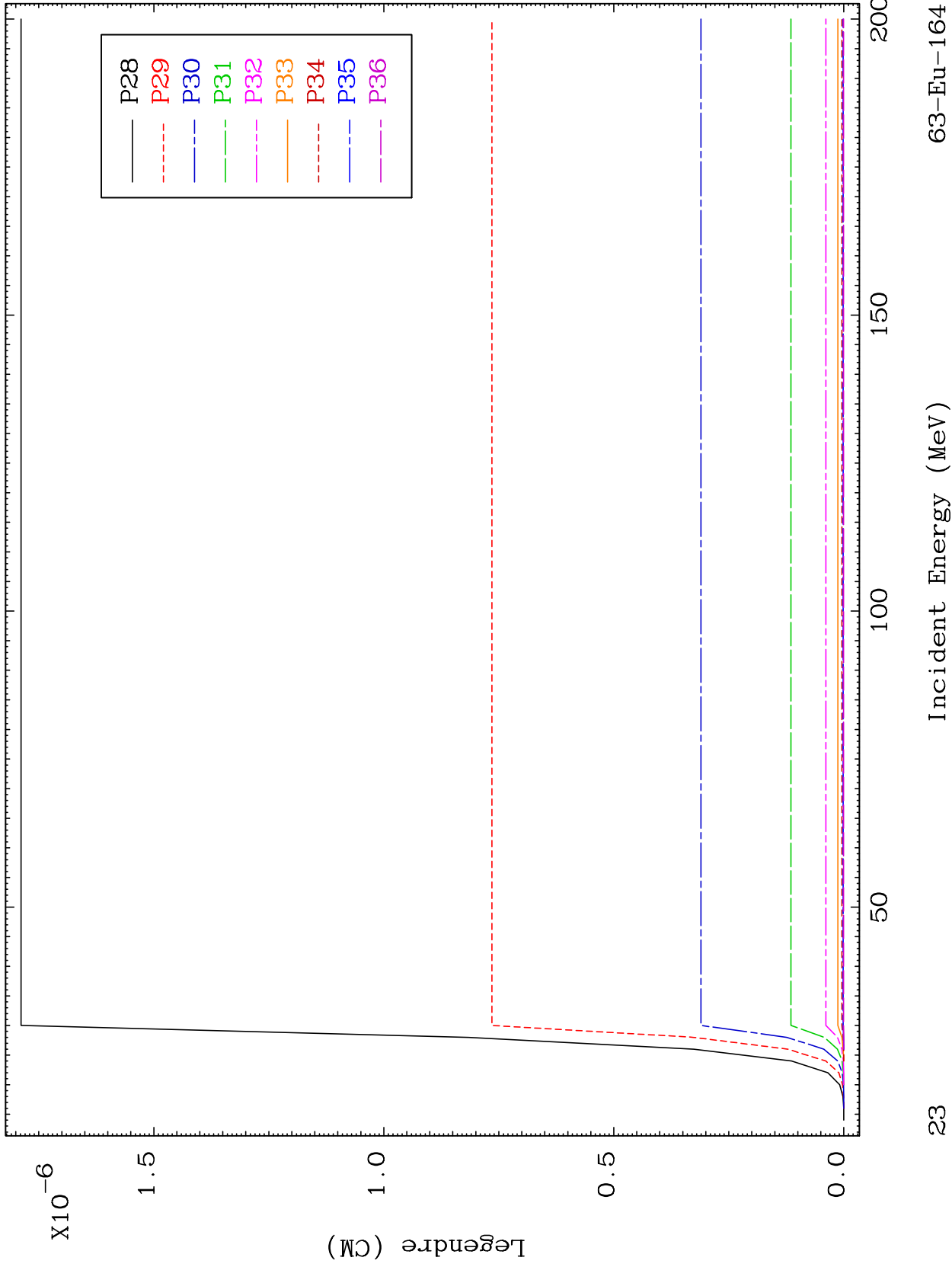




MAT 6364

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

63-Eu-164



23

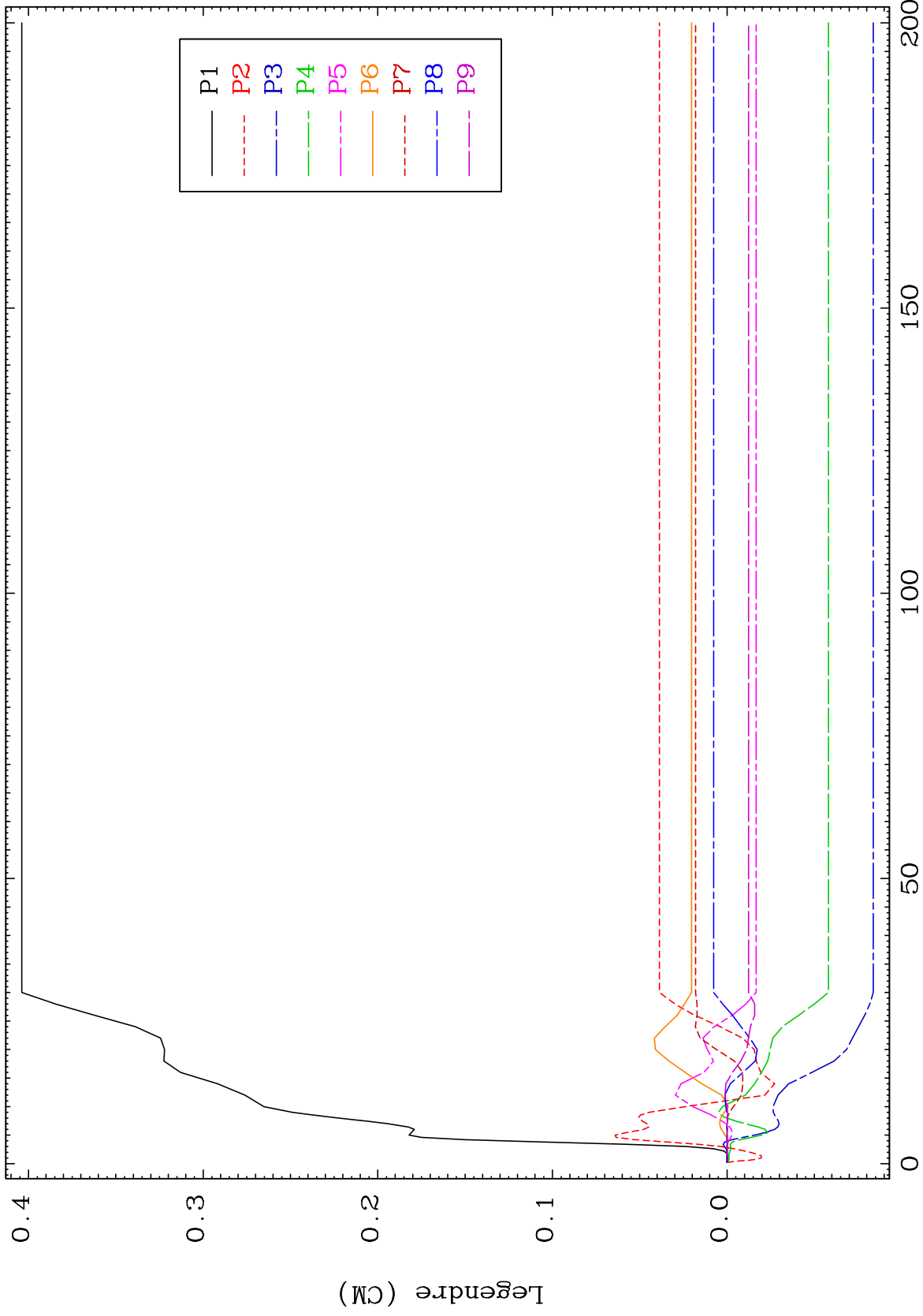
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



24

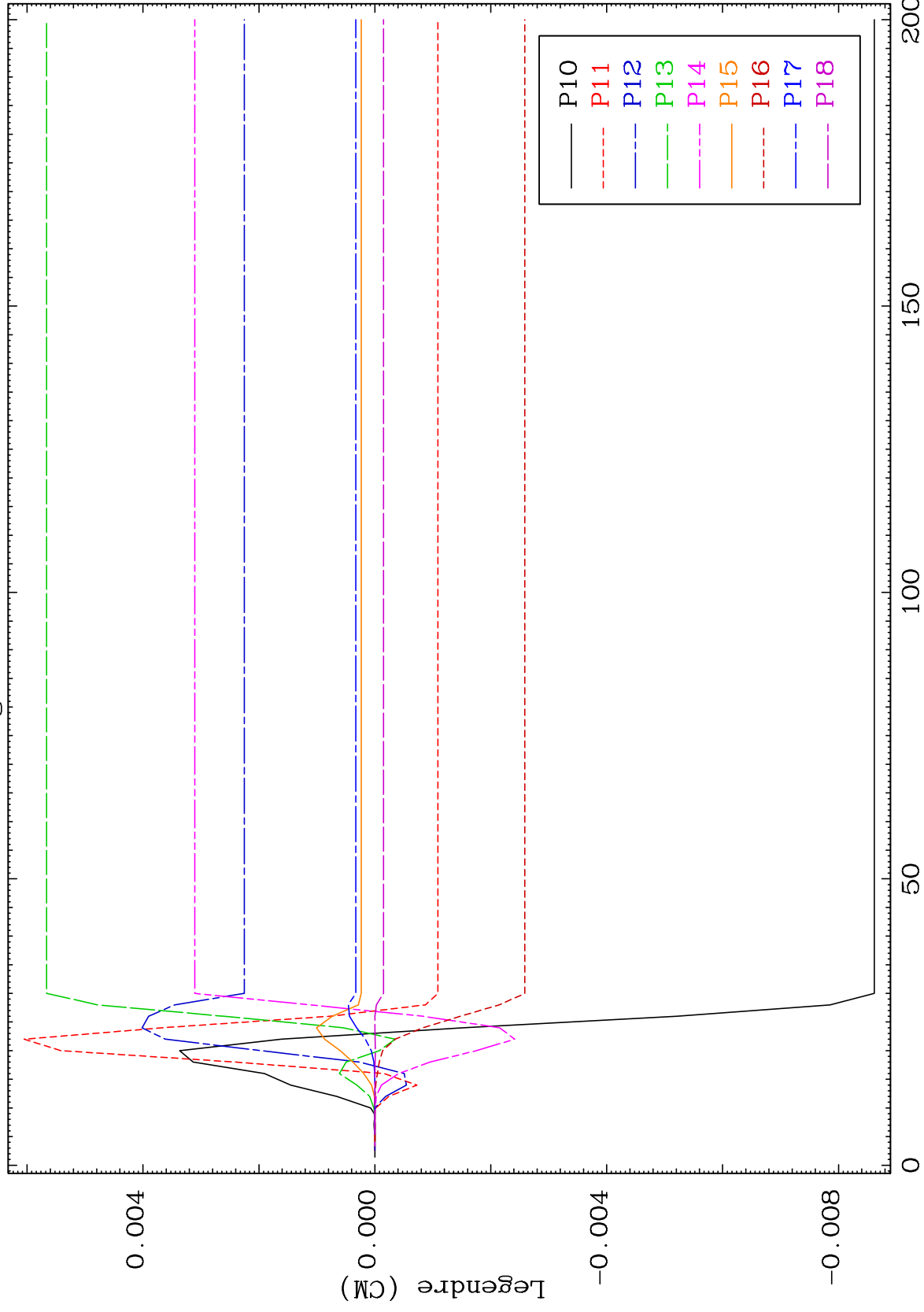
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



25

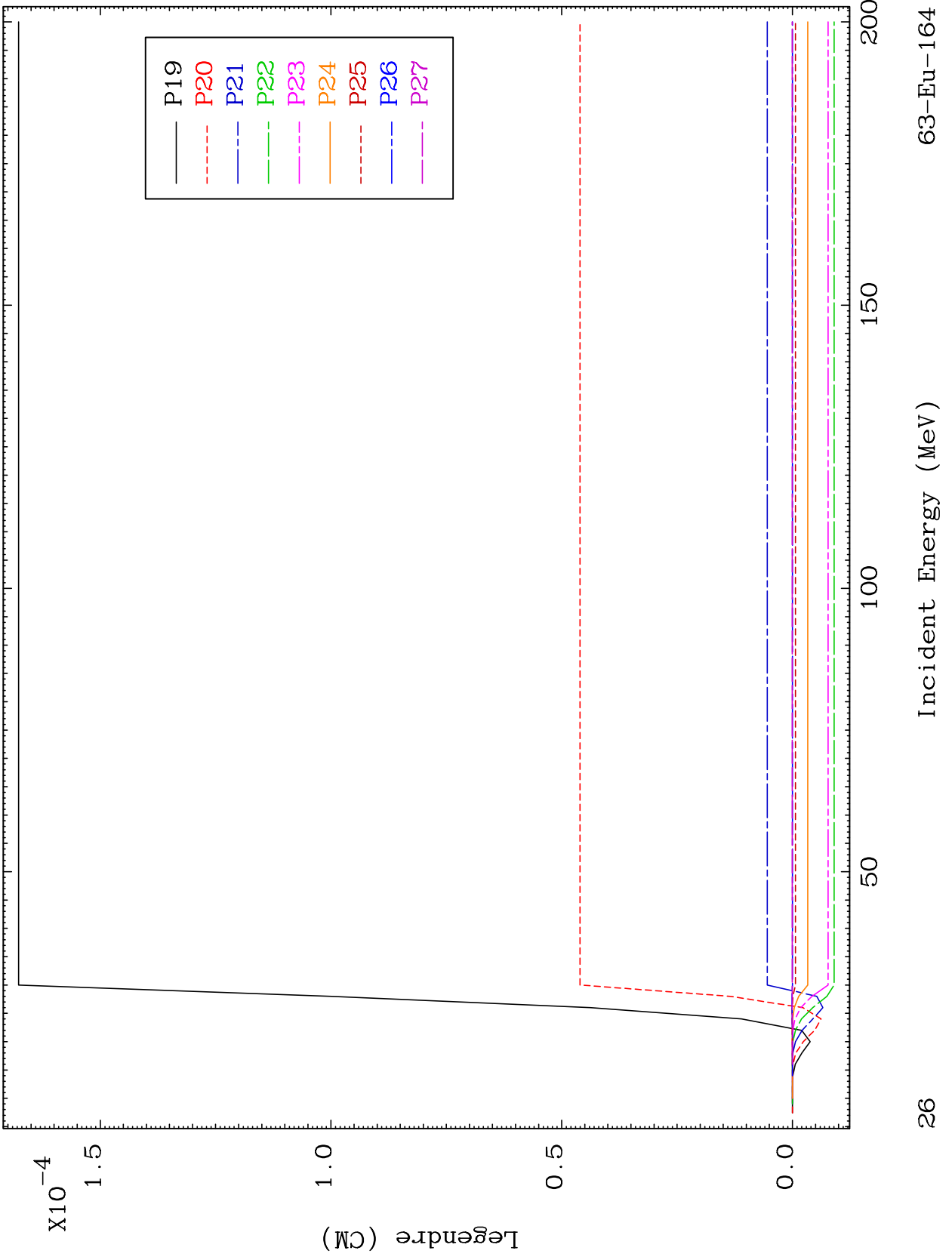
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



26

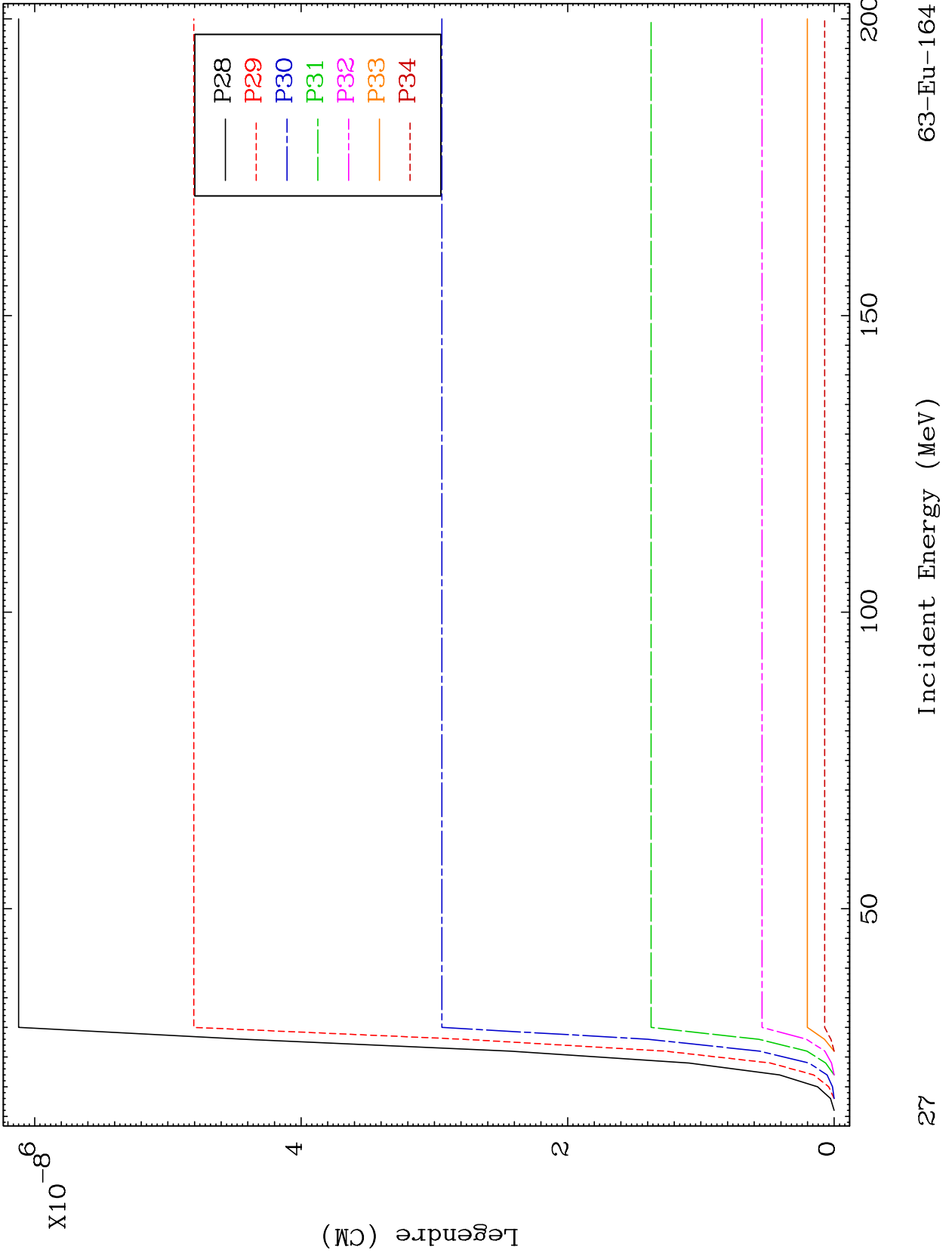
Incident Energy (MeV)

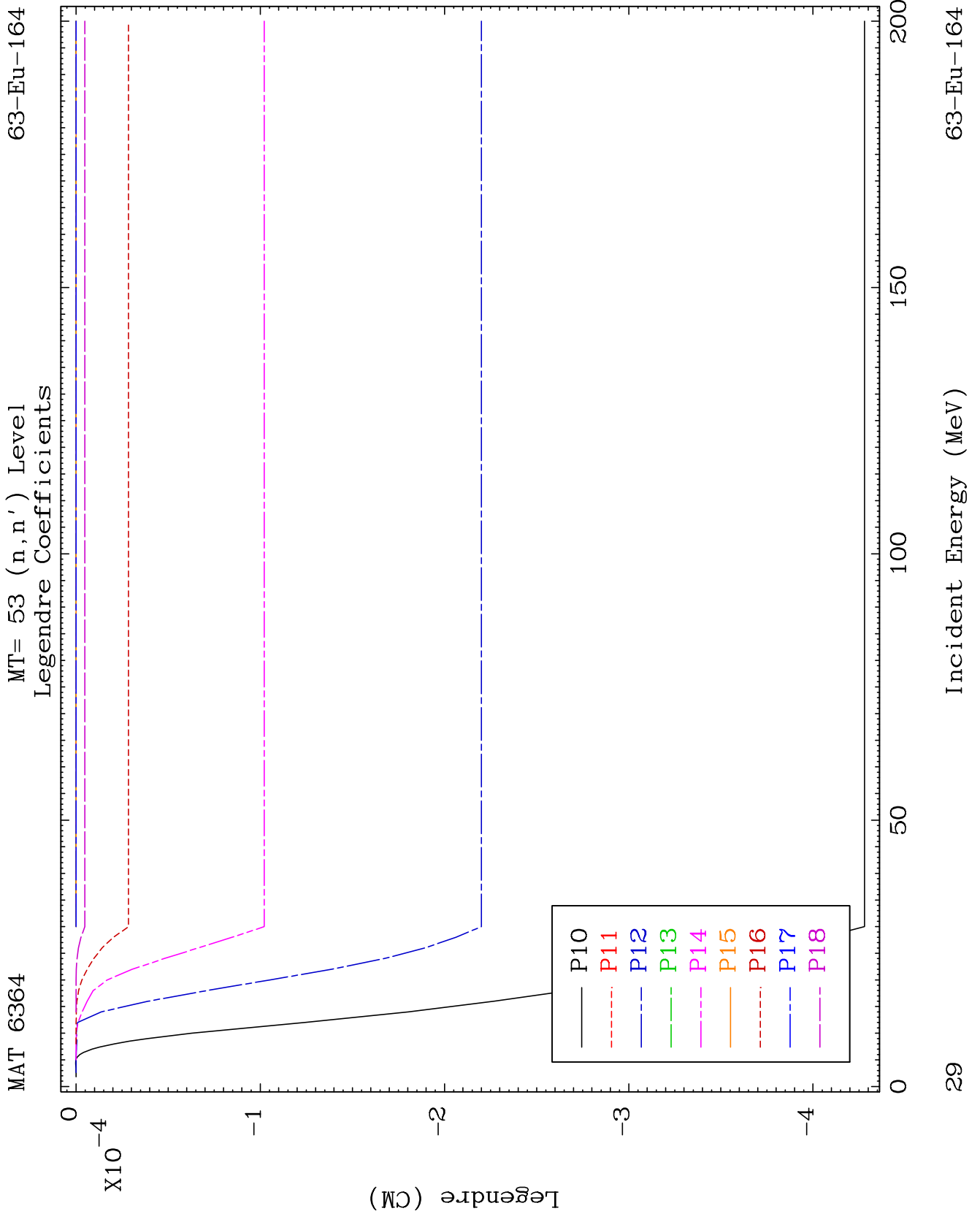
63-Eu-164

MAT 6364

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

63-Eu-164

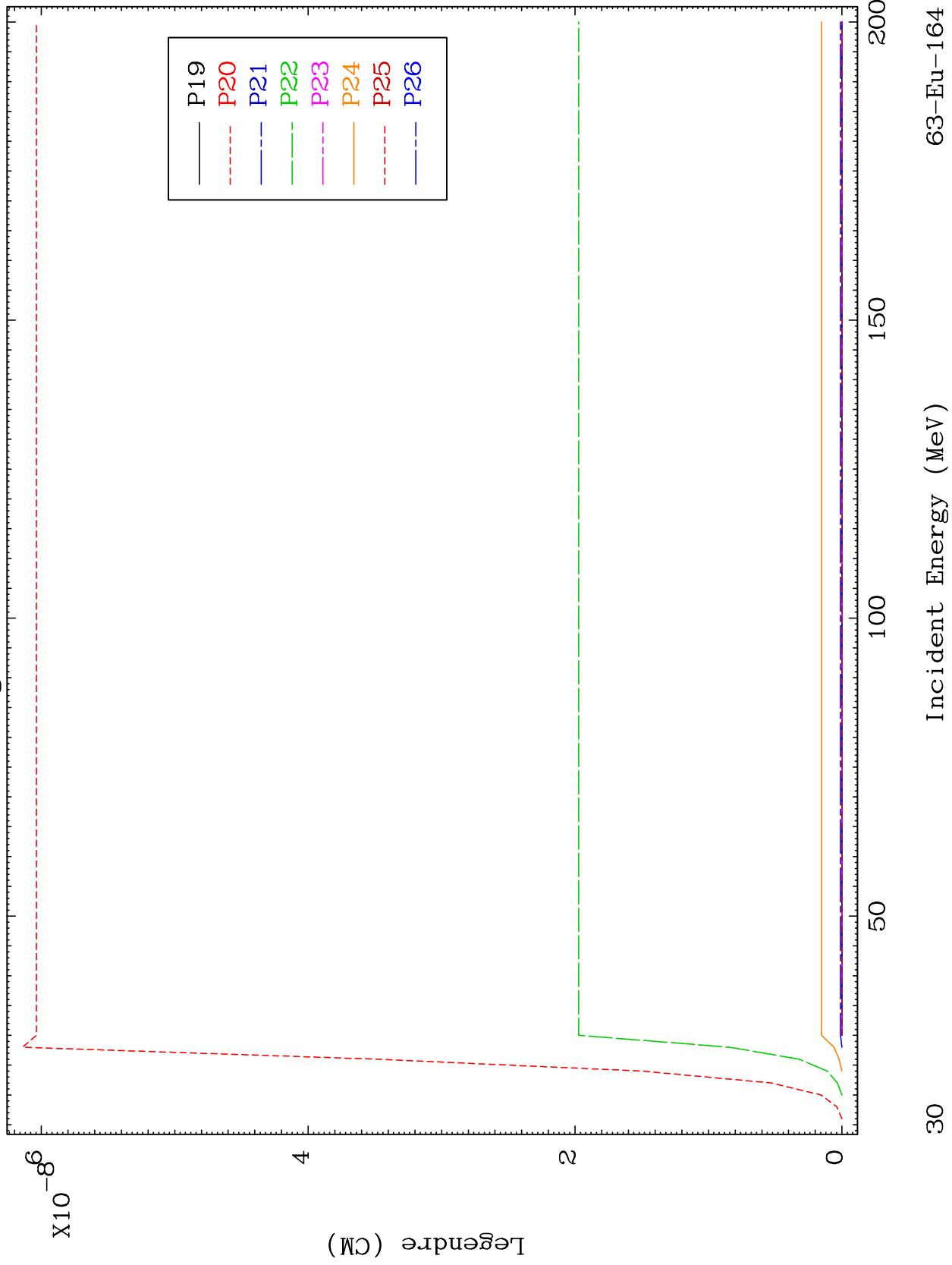




MAT 6364

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

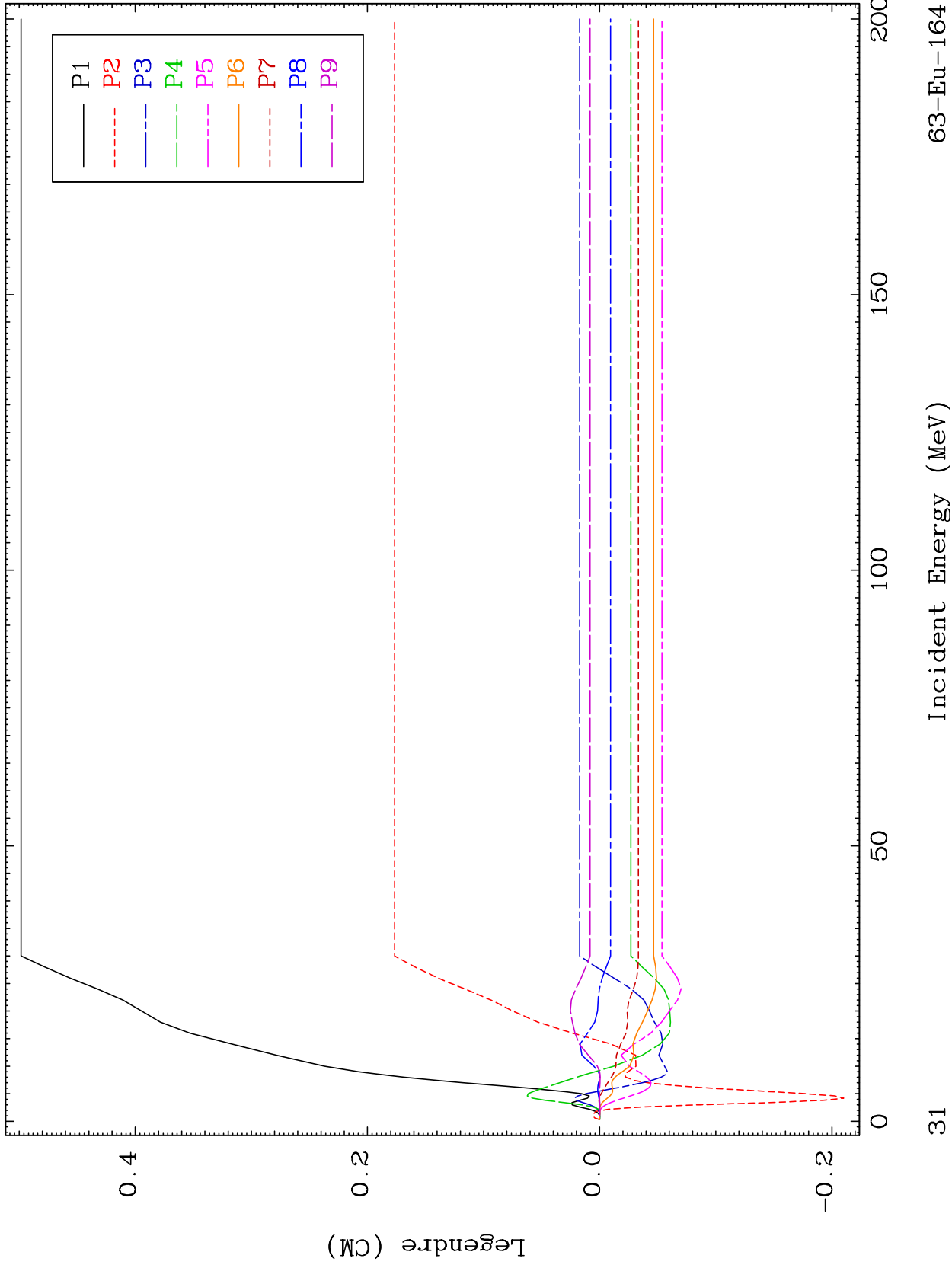
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

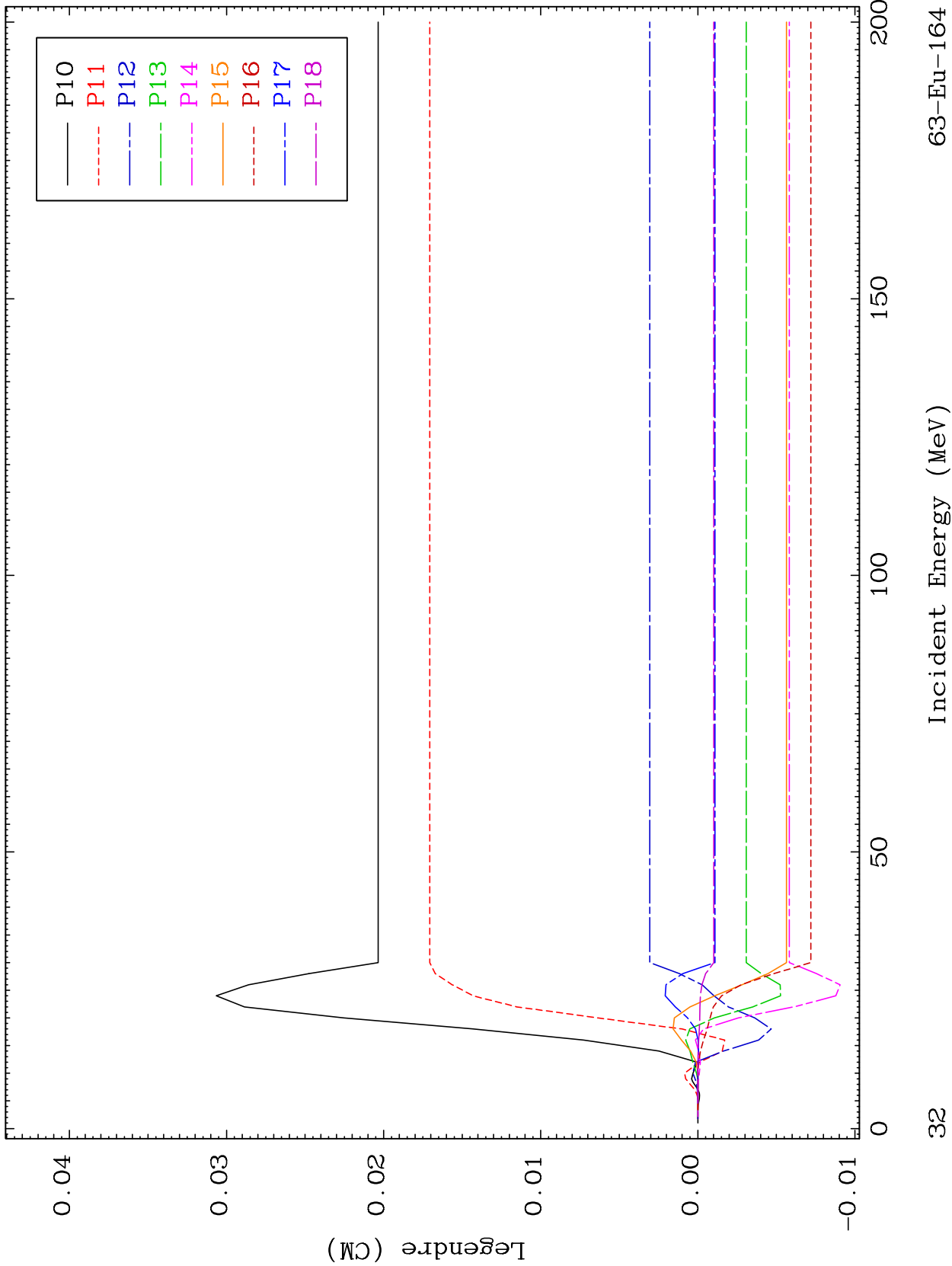
Incident Energy (MeV)

31

MAT 6364

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

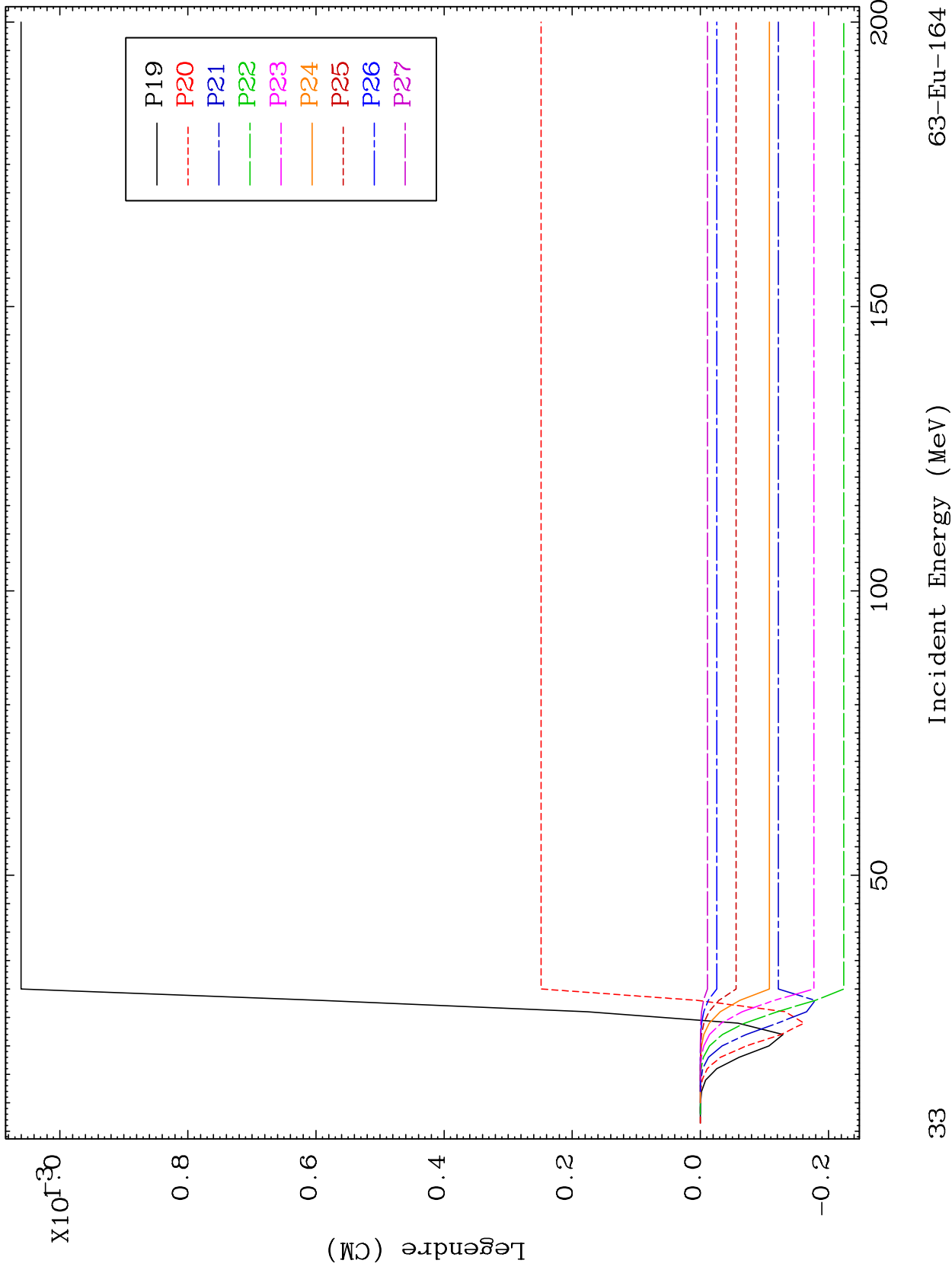
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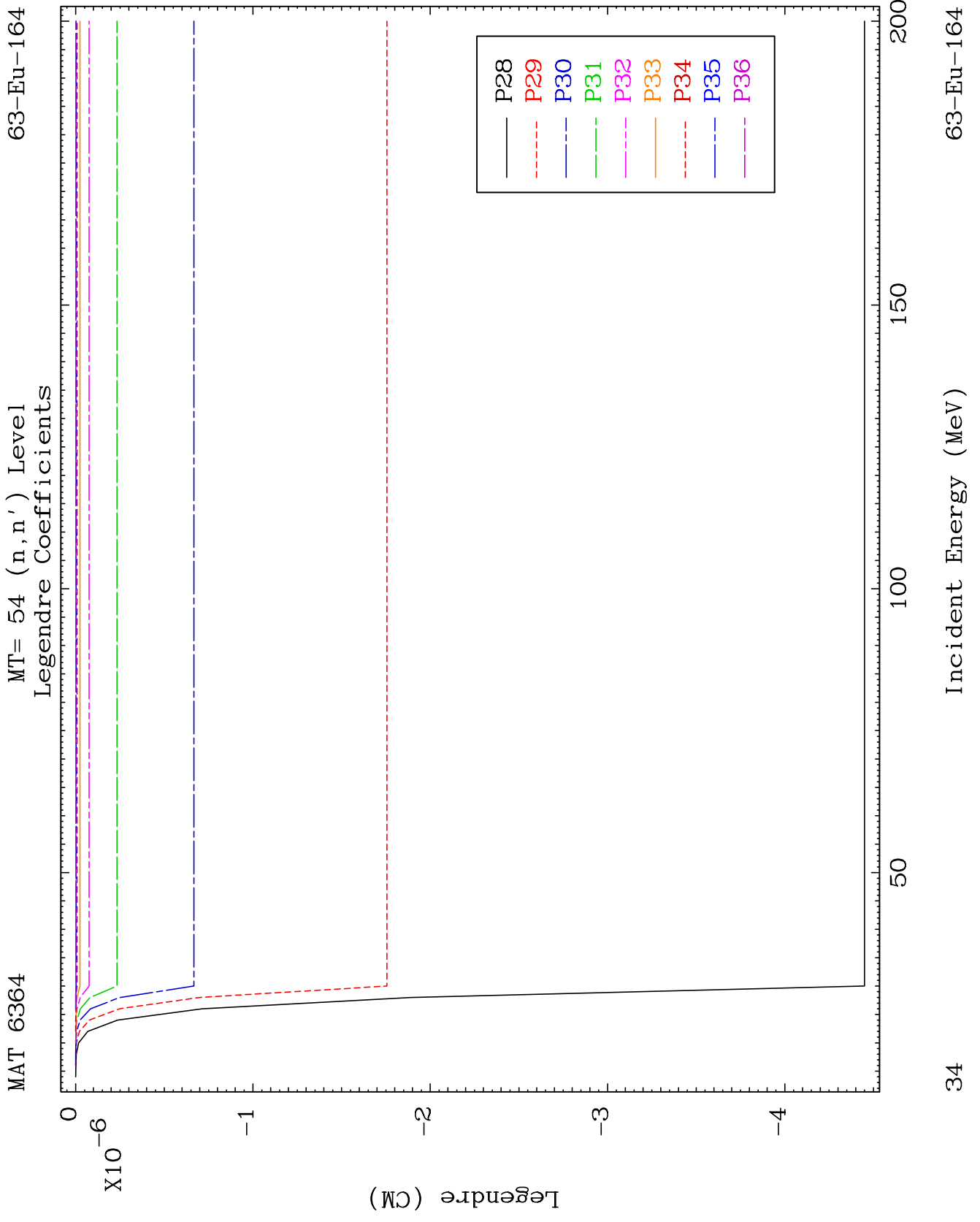


63-Eu-164

Incident Energy (MeV)

32

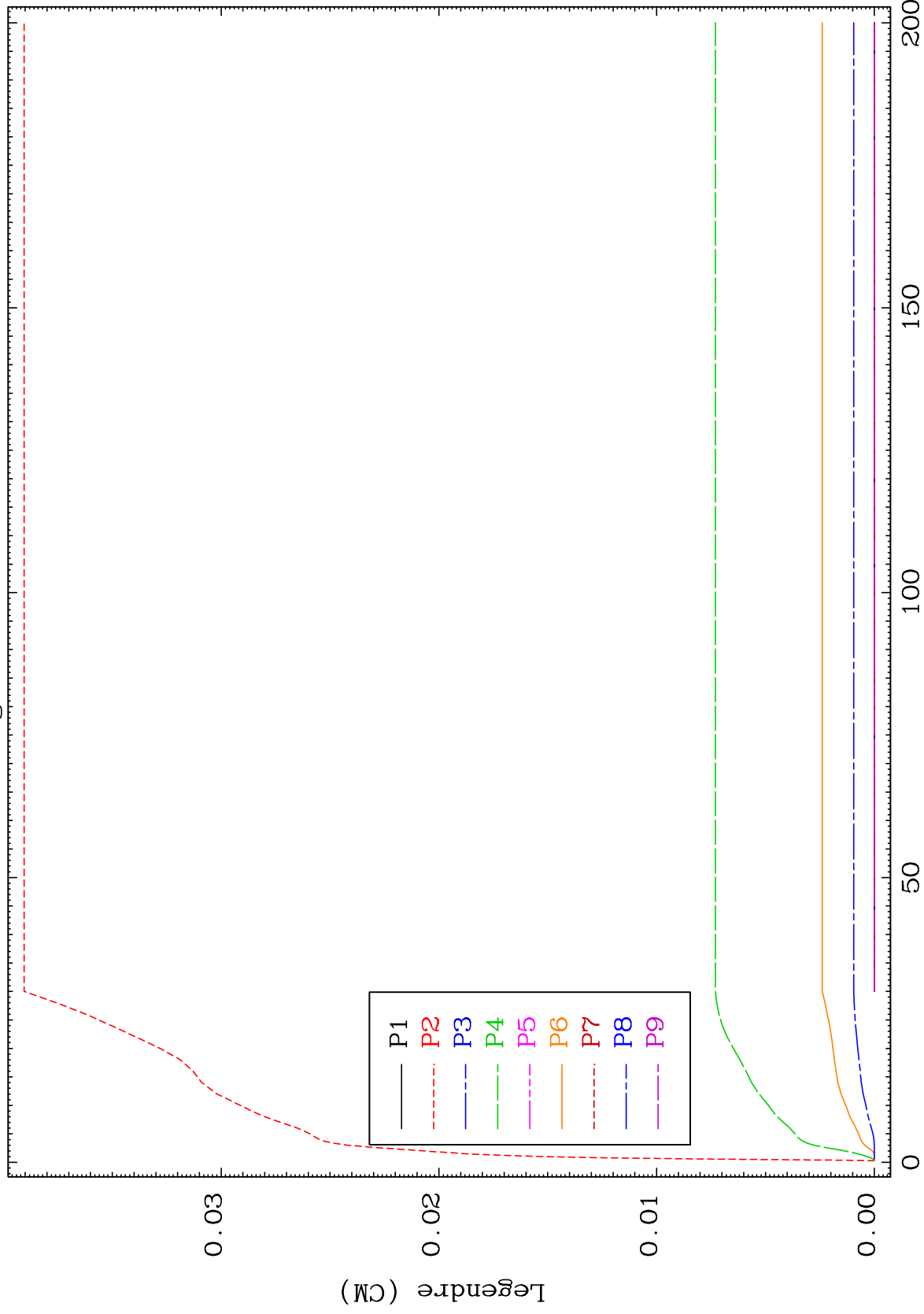




MAT 6364

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

63-Eu-164



63-Eu-164

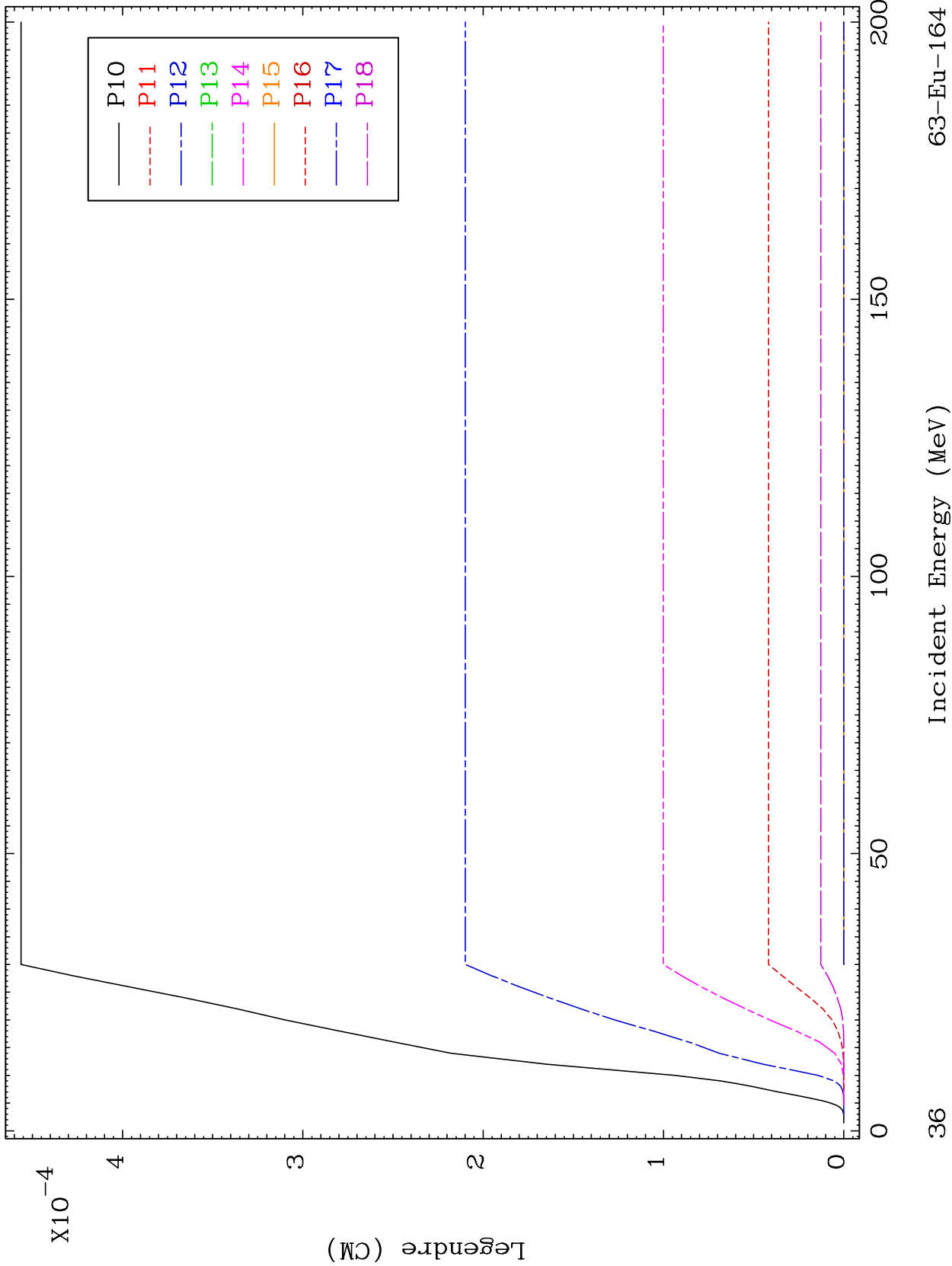
Incident Energy (MeV)

35

MAT 6364

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

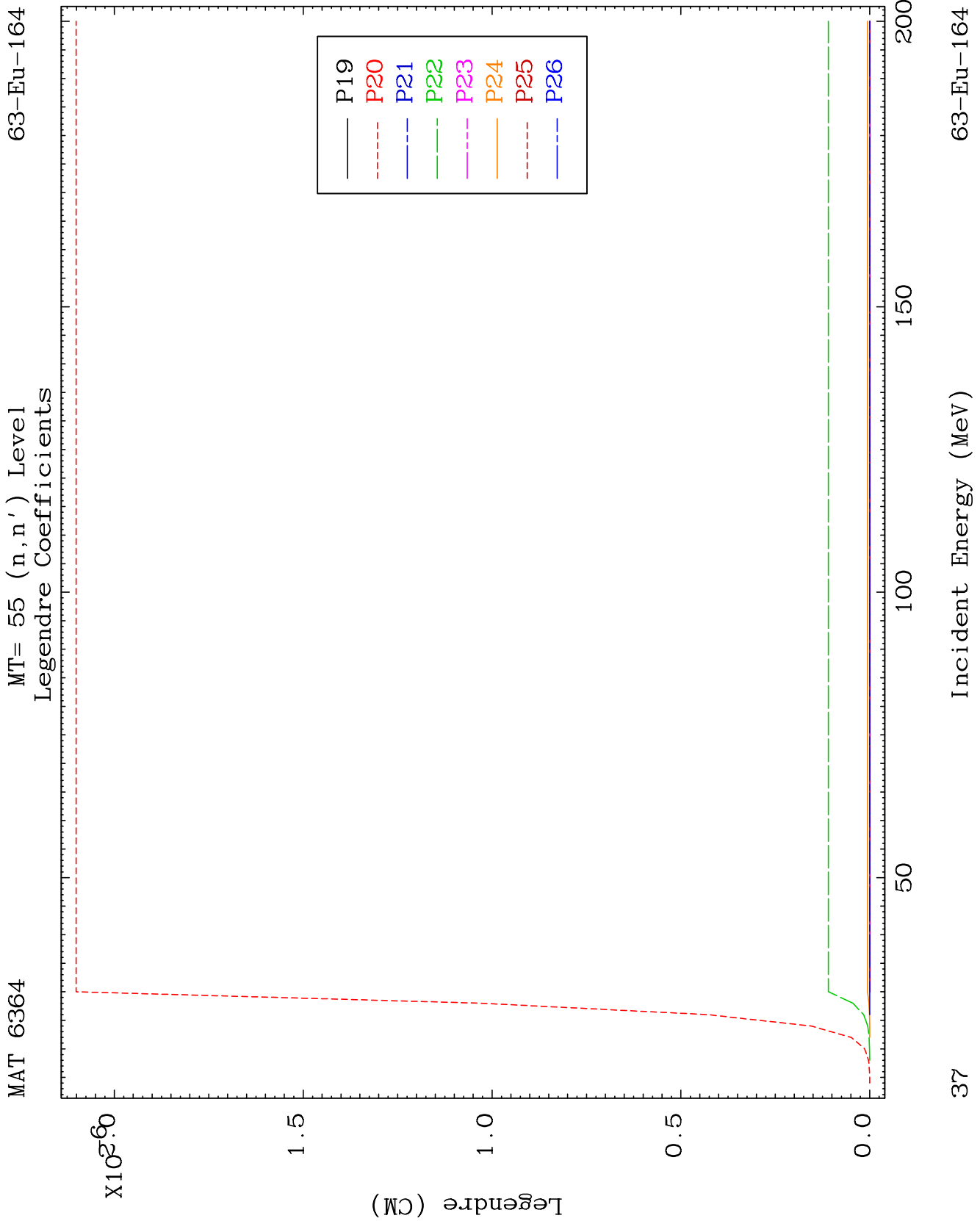
63-Eu-164



36

Incident Energy (MeV)

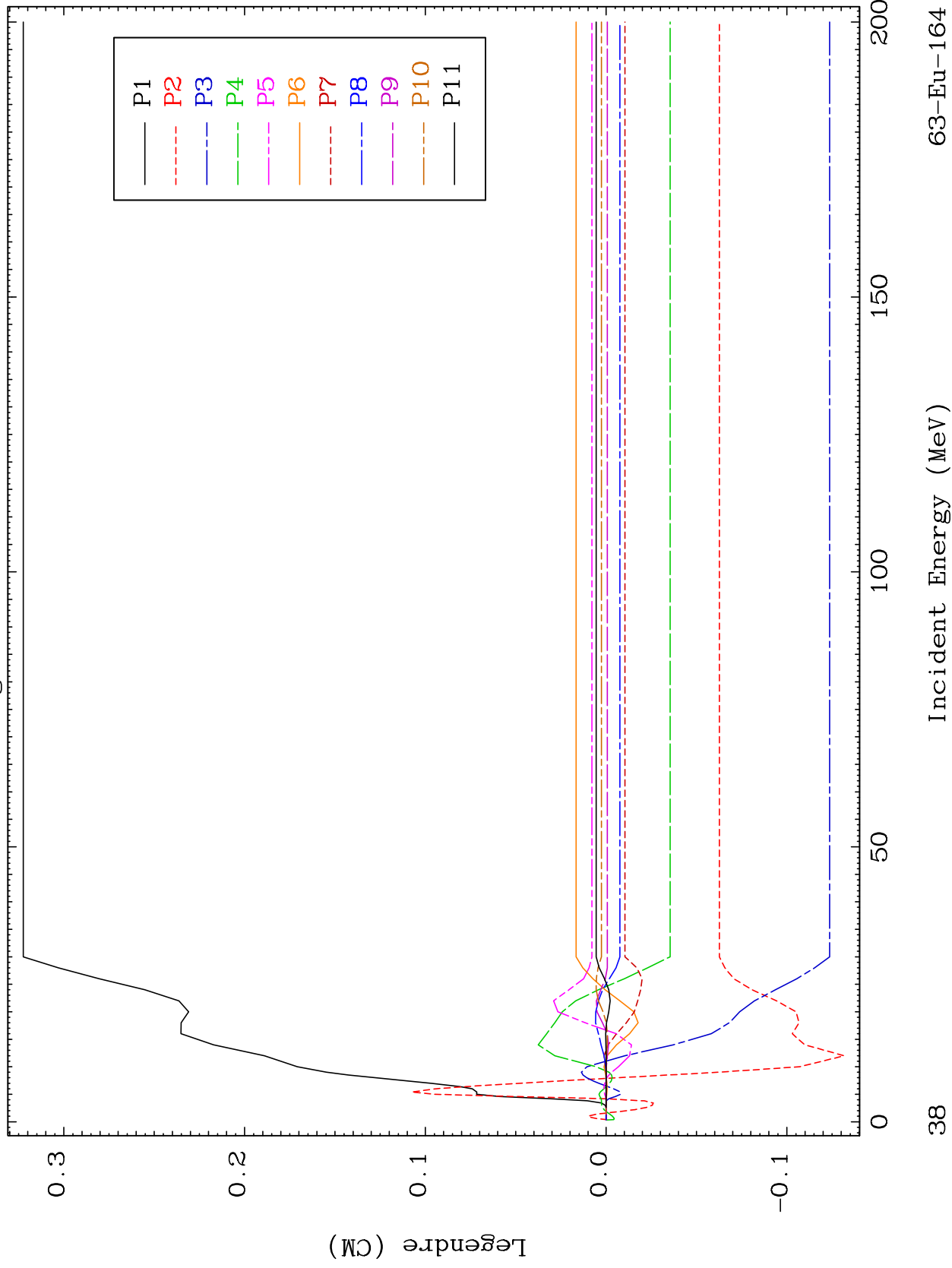
63-Eu-164



MAT 6364

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

63-Eu-164



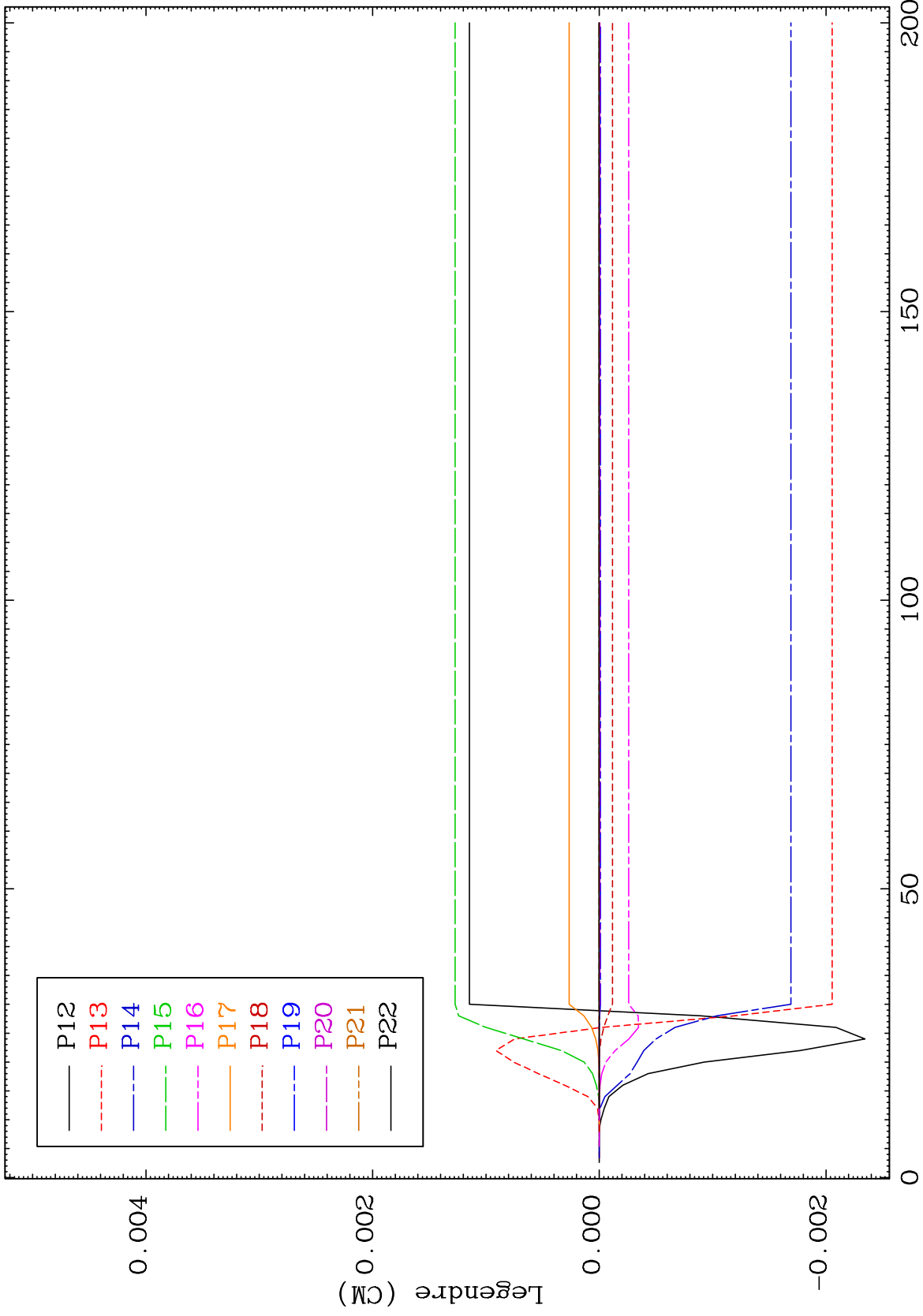
38

63-Eu-164

MAT 6364

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

63-Eu-164



39

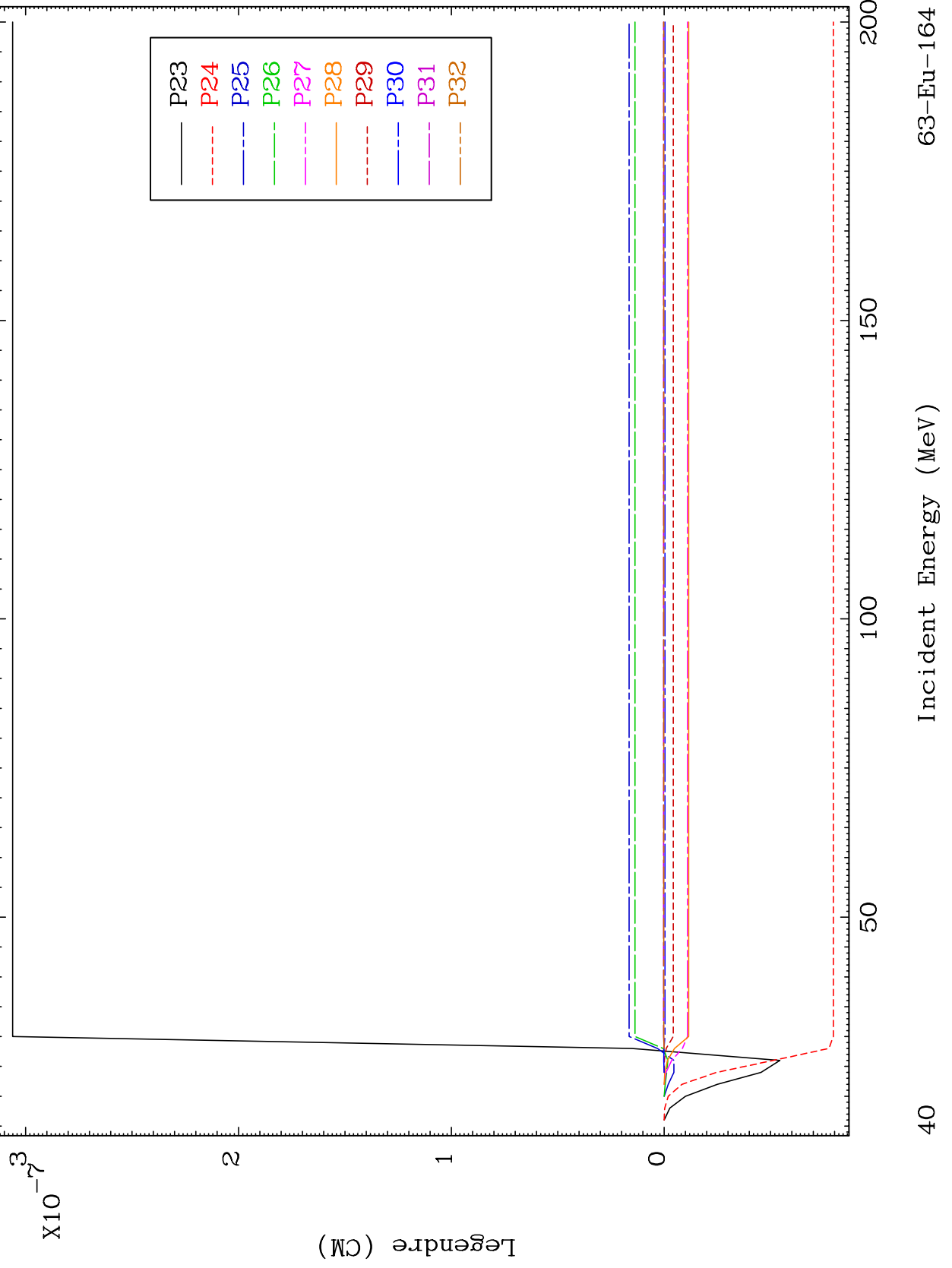
Incident Energy (MeV)

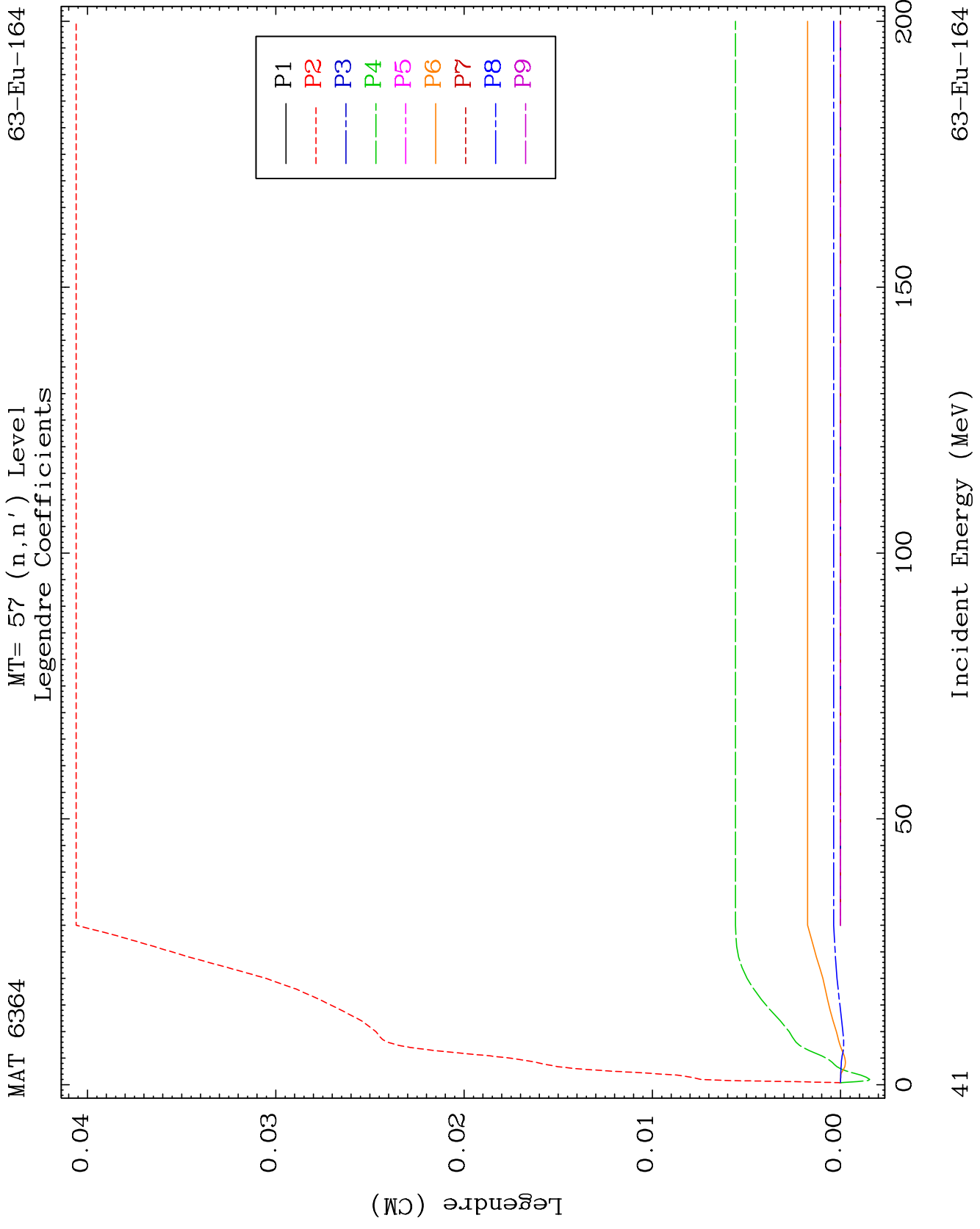
63-Eu-164

MAT 6364

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

63-Eu-164

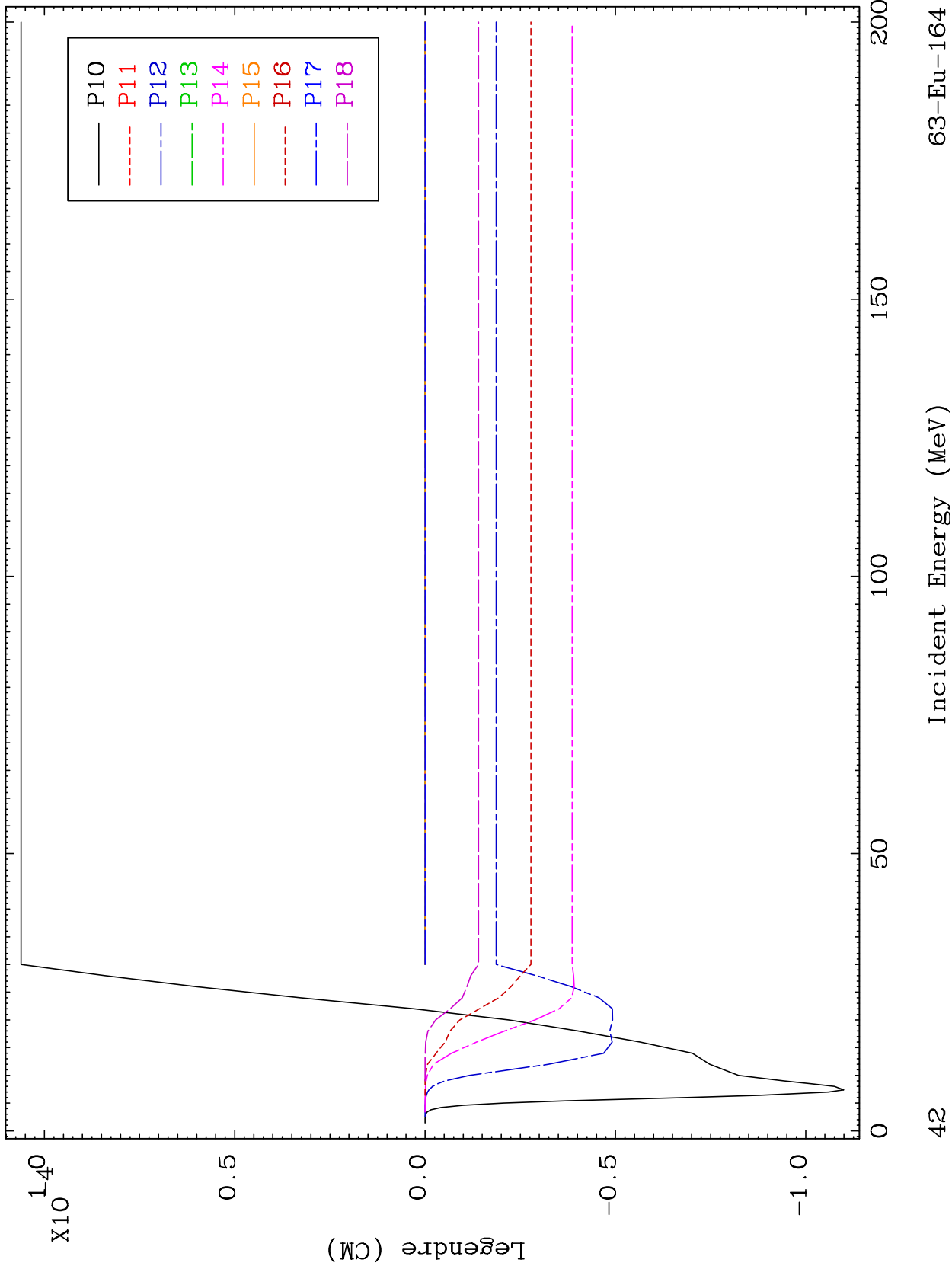




MAT 6364

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

63-Eu-164



63-Eu-164

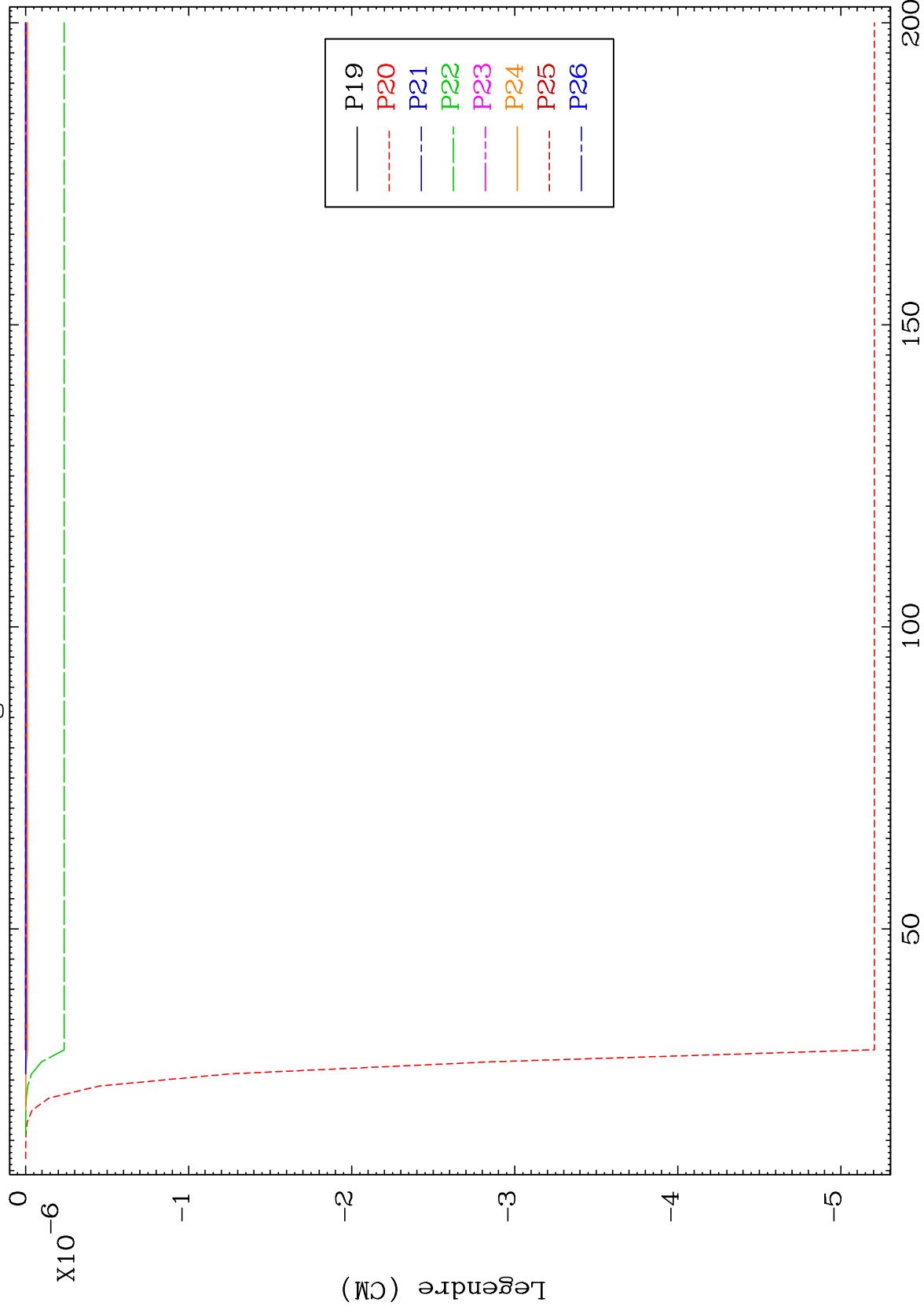
Incident Energy (MeV)

42

MAT 6364

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

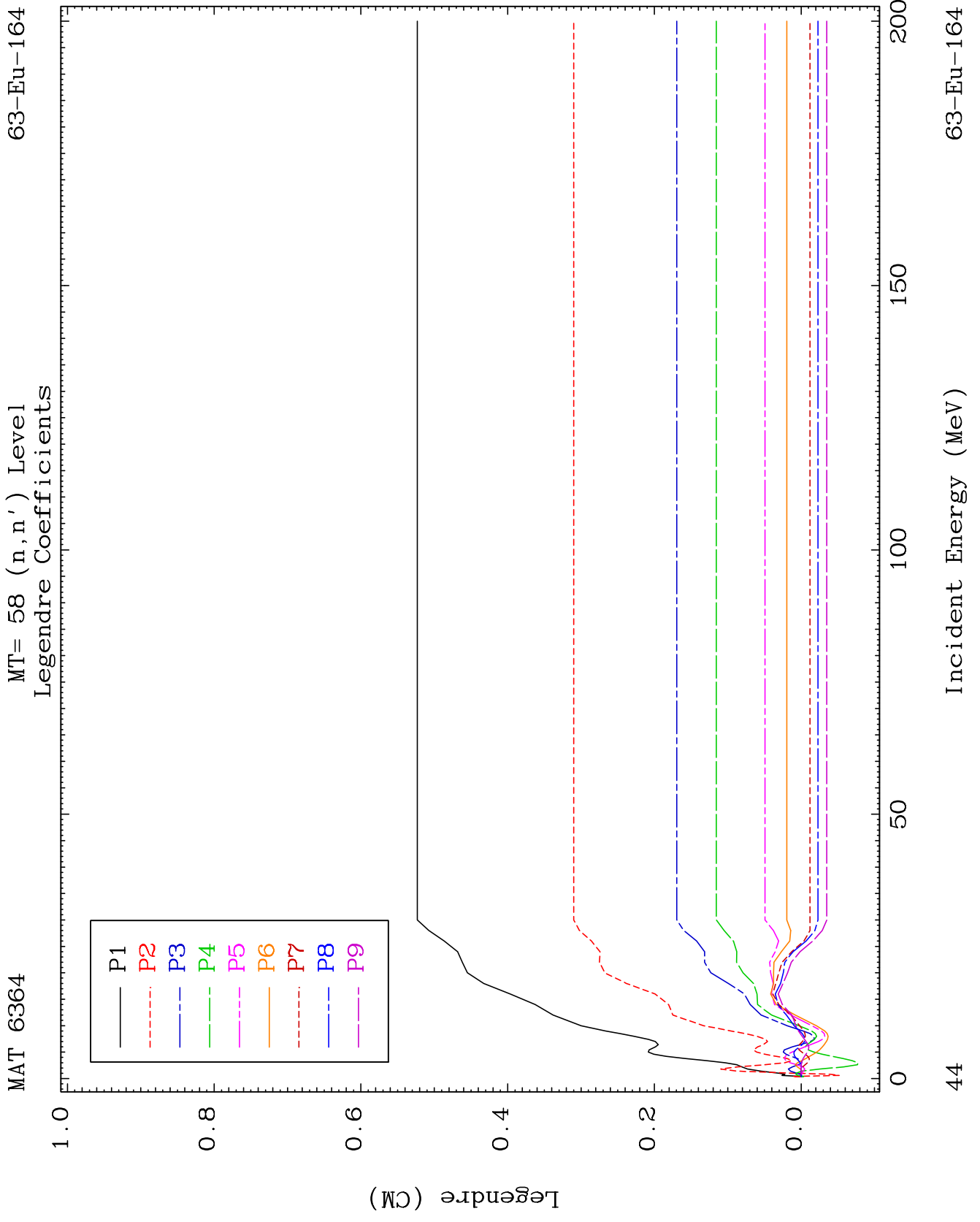
63-Eu-164



63-Eu-164

Incident Energy (MeV)

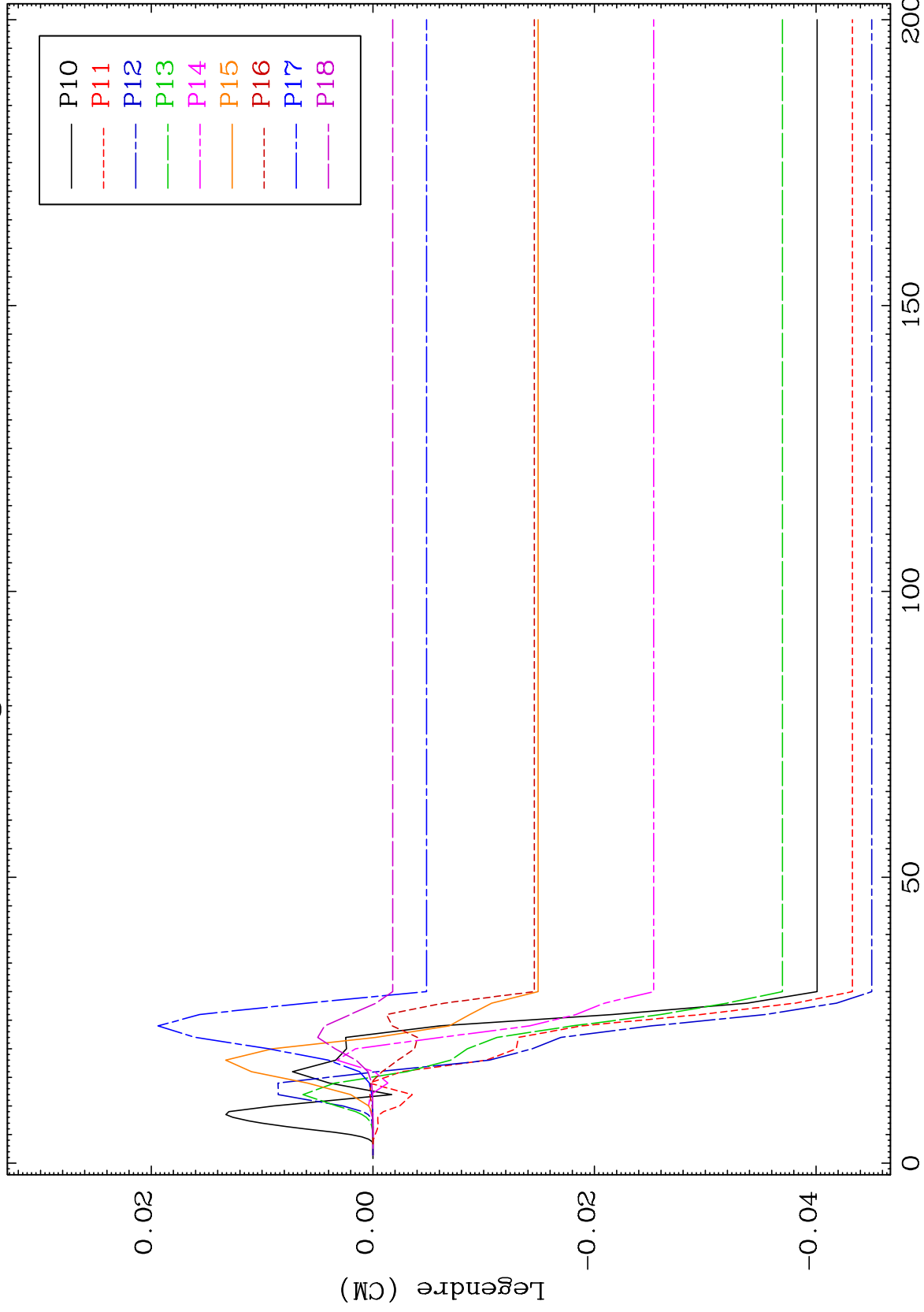
43



MAT 6364

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

63-Eu-164



45

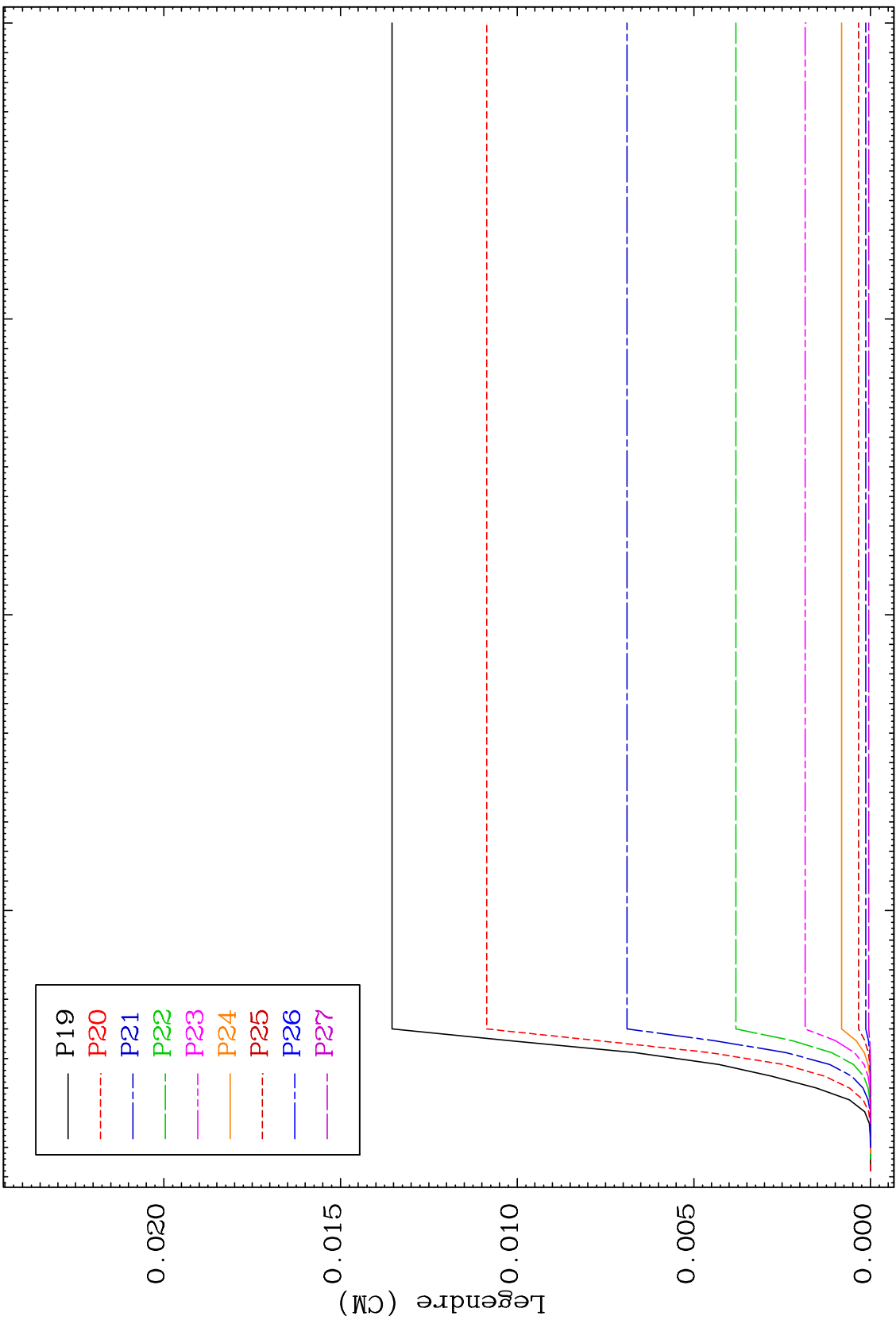
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



46

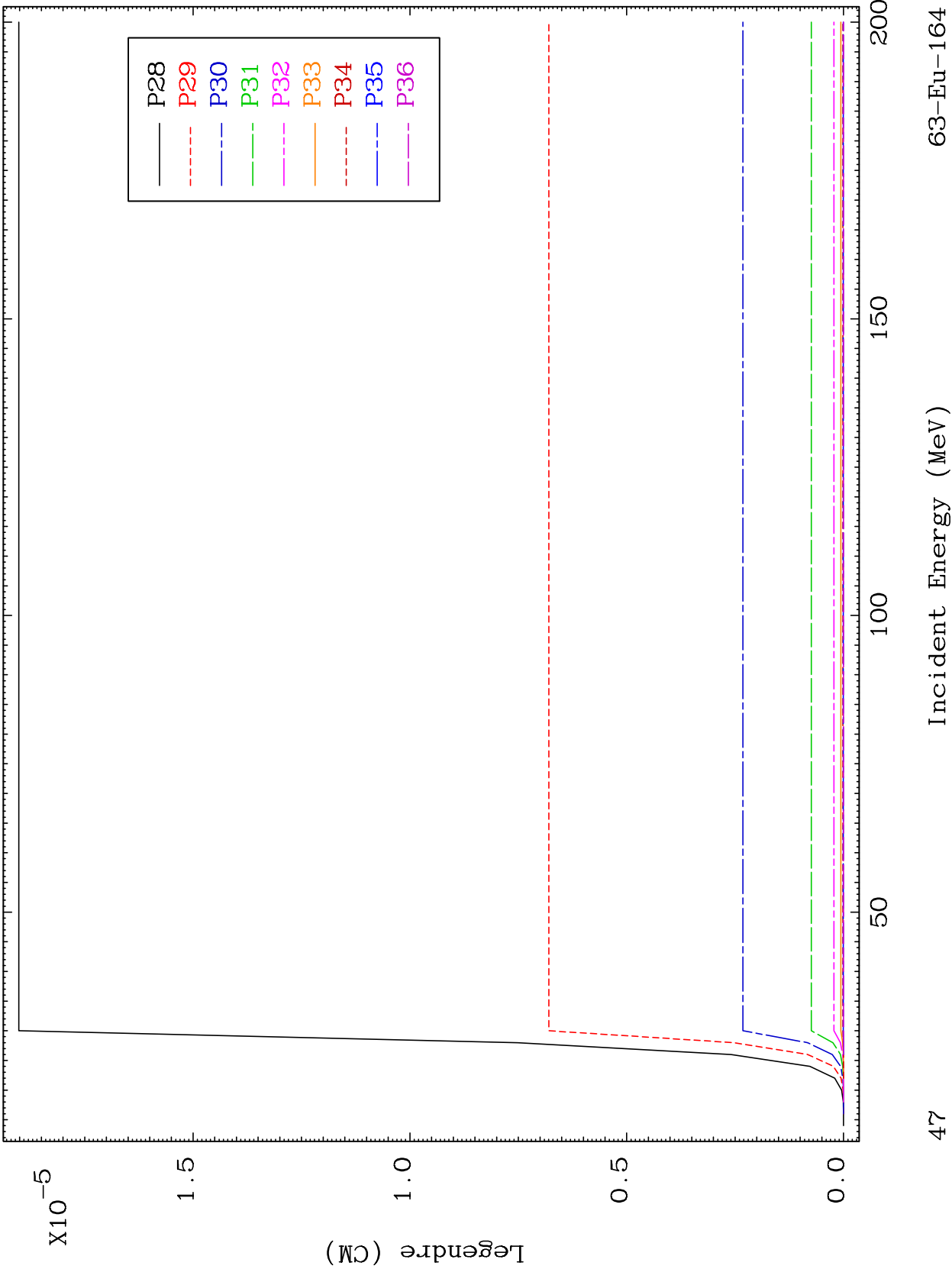
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

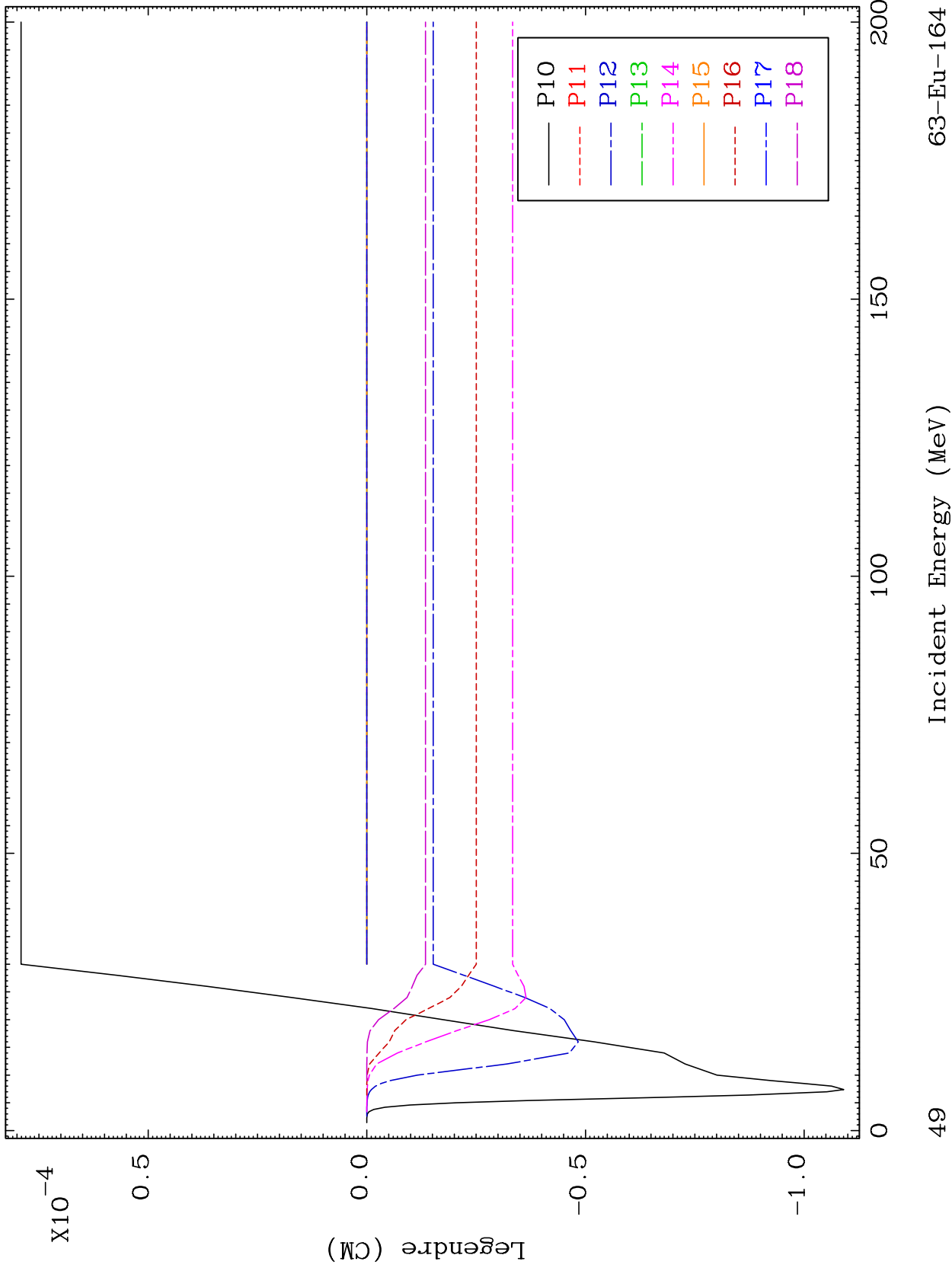
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MAT 6364

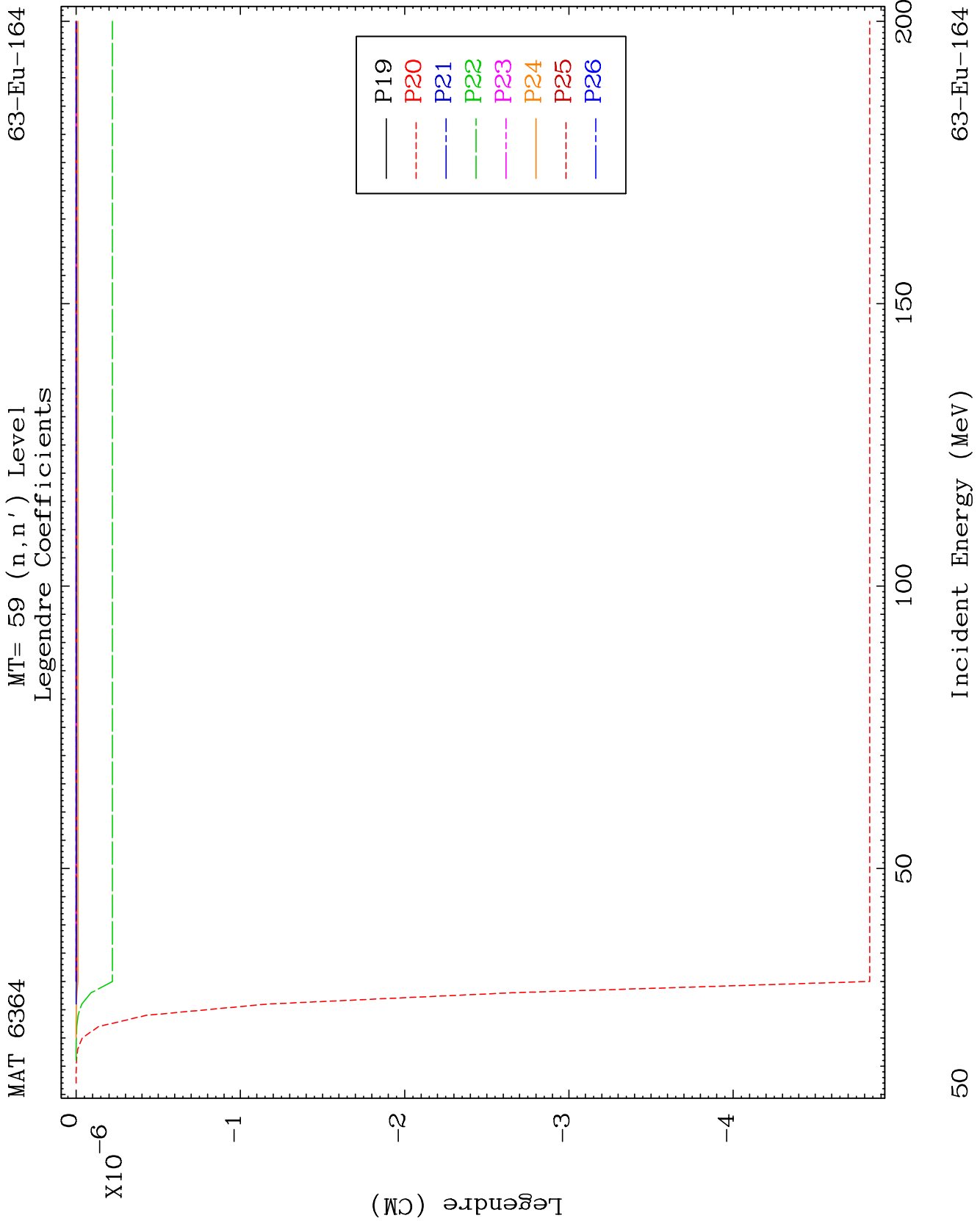
MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-164



49

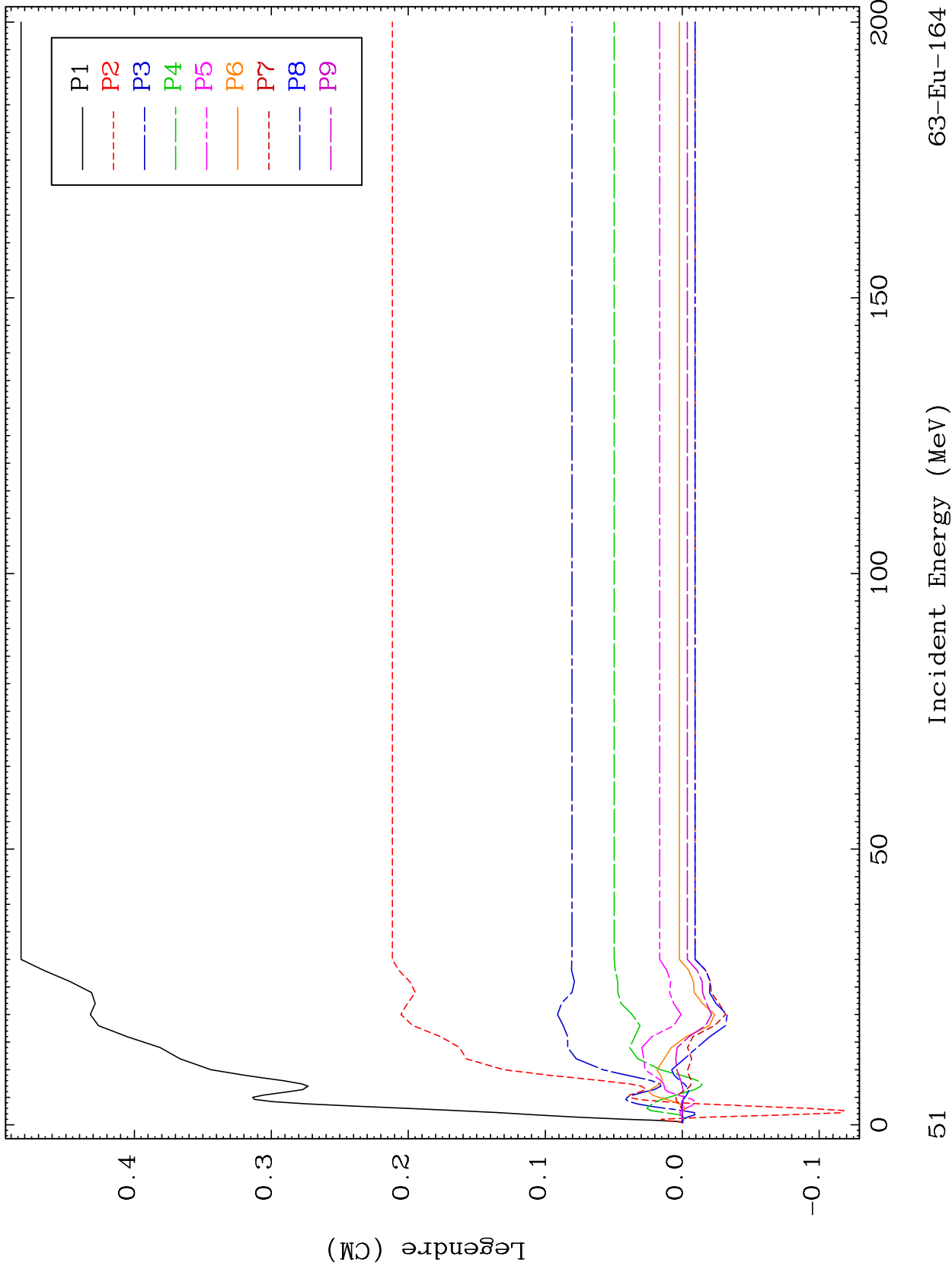
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

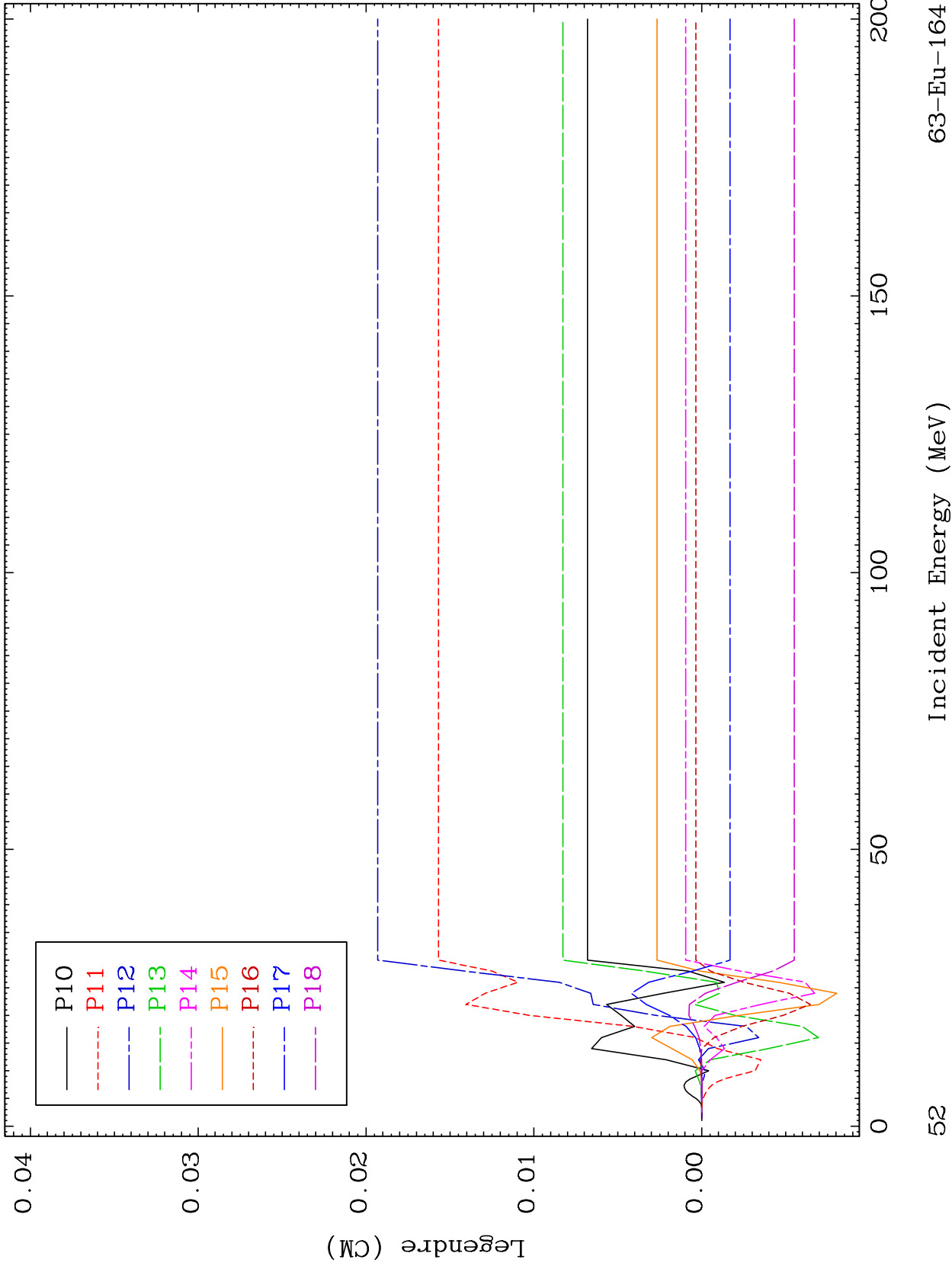
Incident Energy (MeV)

51

MAT 6364

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

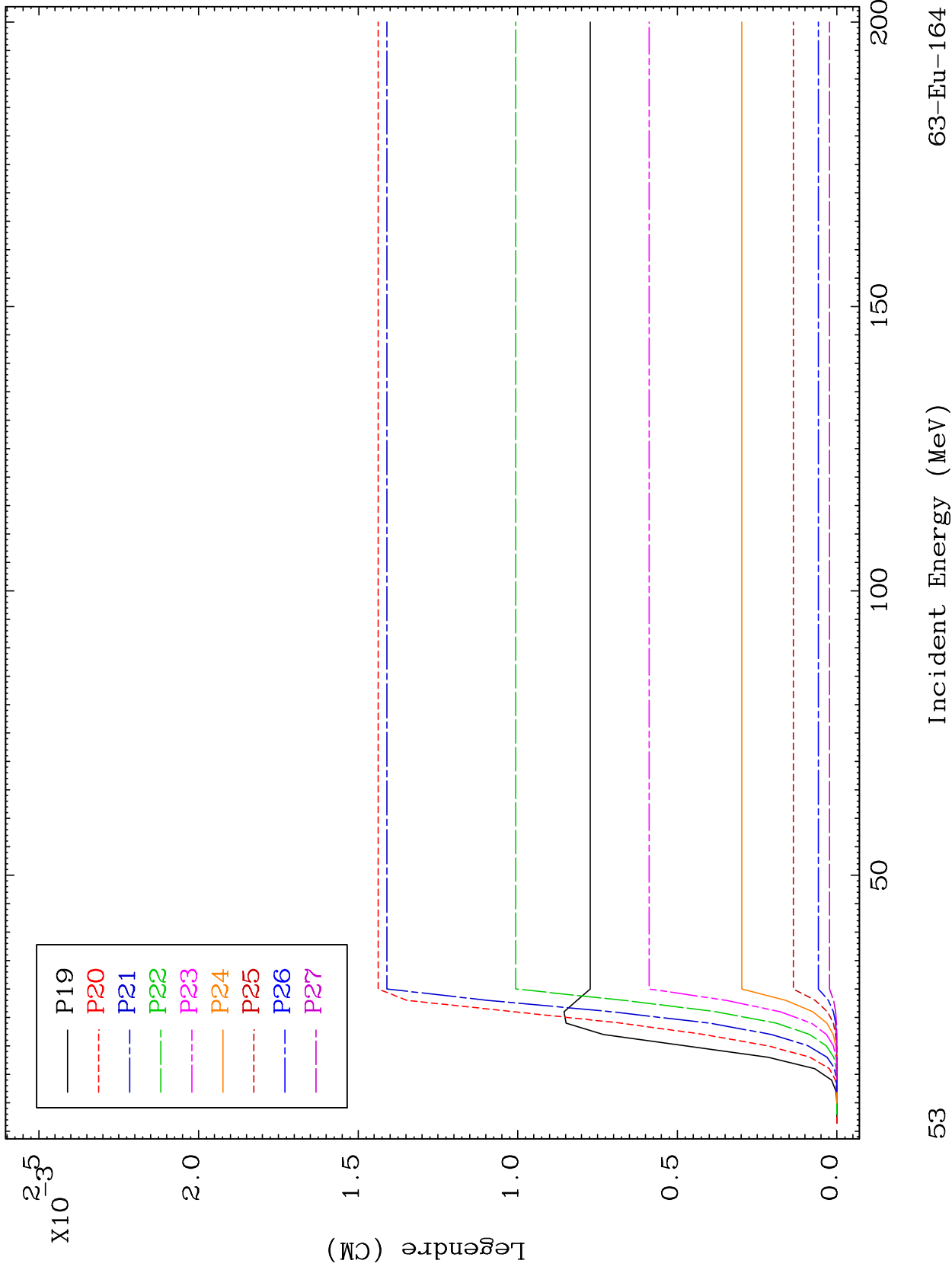
63-Eu-164



52

Incident Energy (MeV)

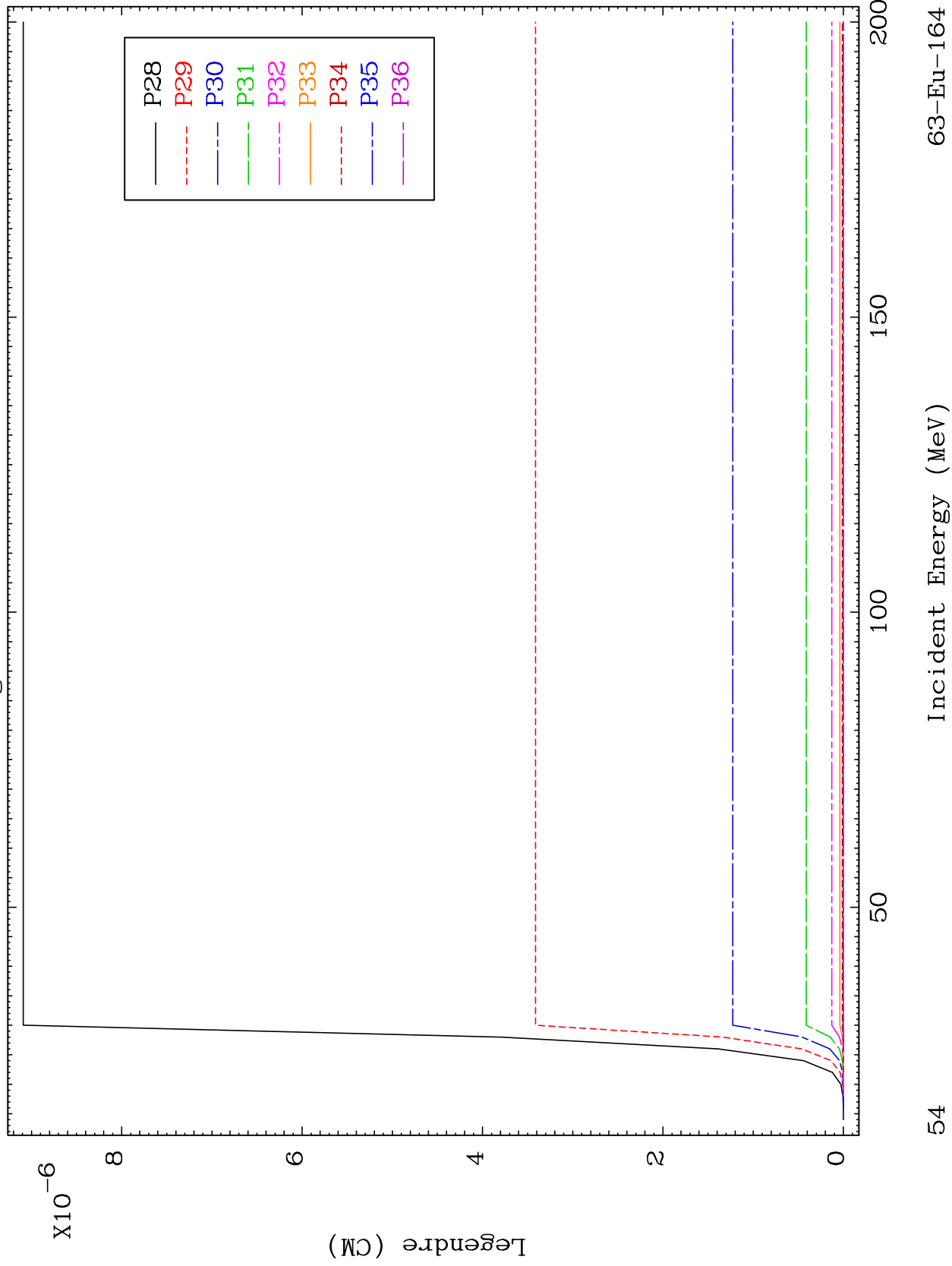
63-Eu-164



MAT 6364

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

63-Eu-164



54

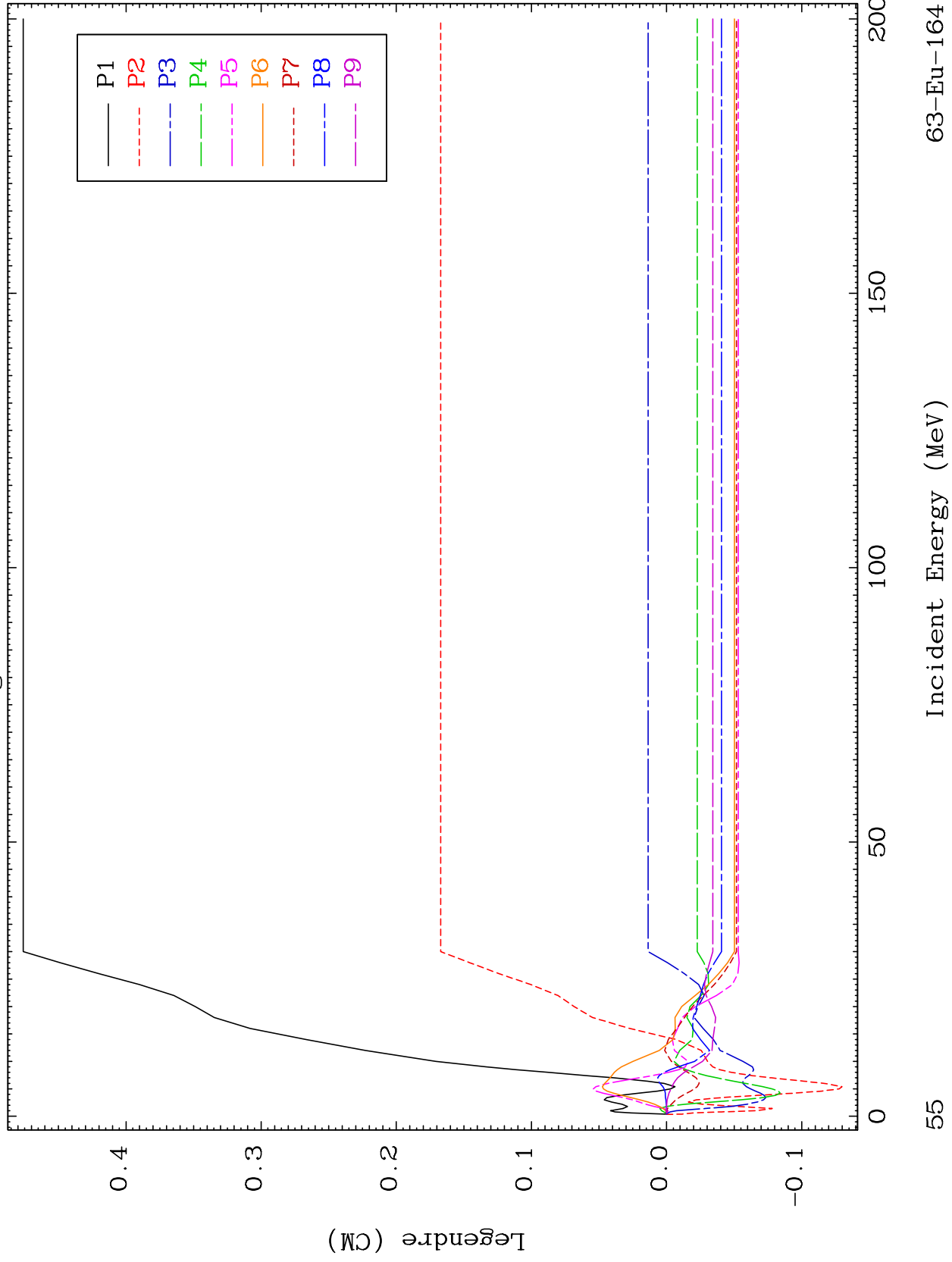
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

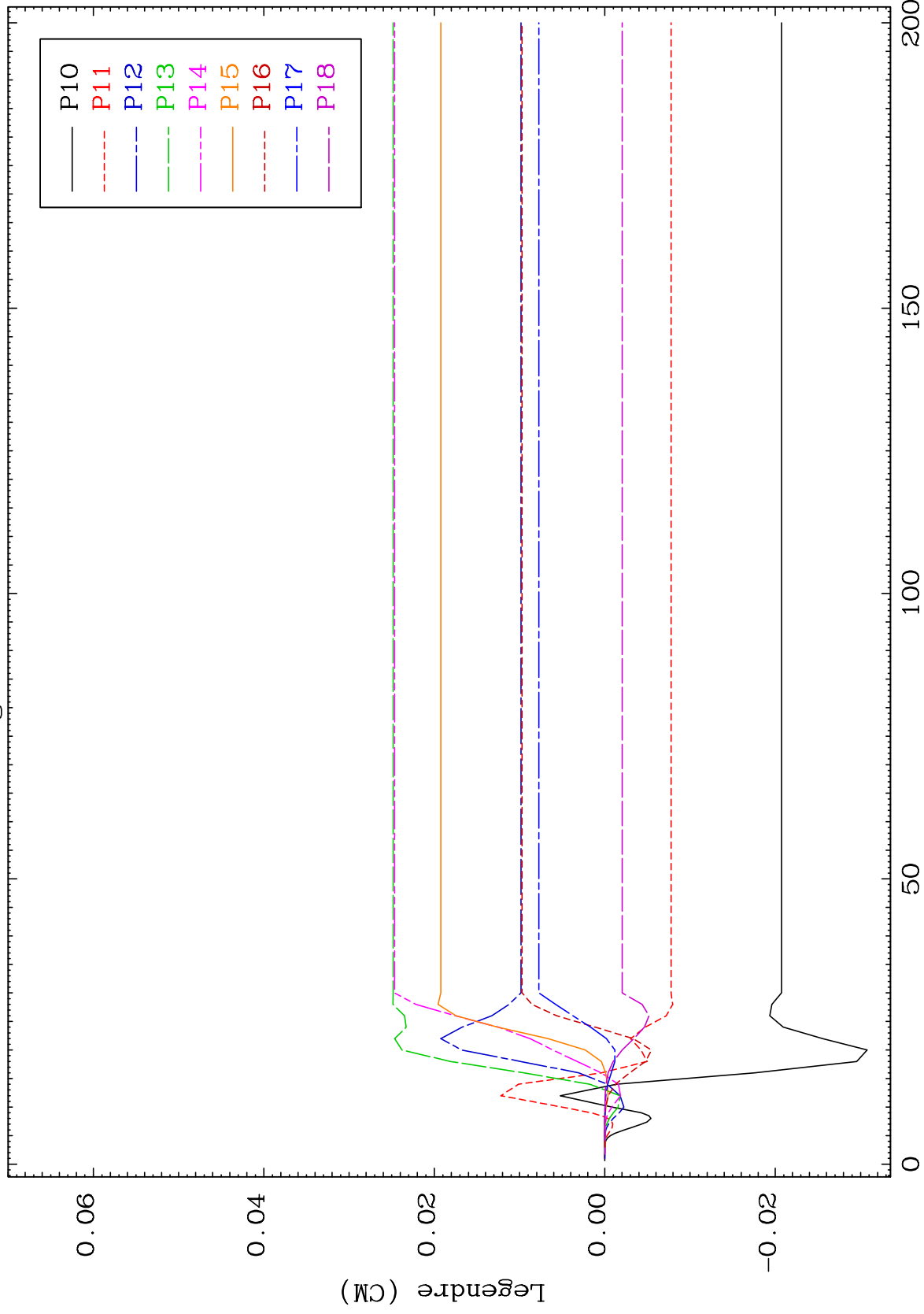
Incident Energy (MeV)

55

MAT 6364

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

63-Eu-164



56

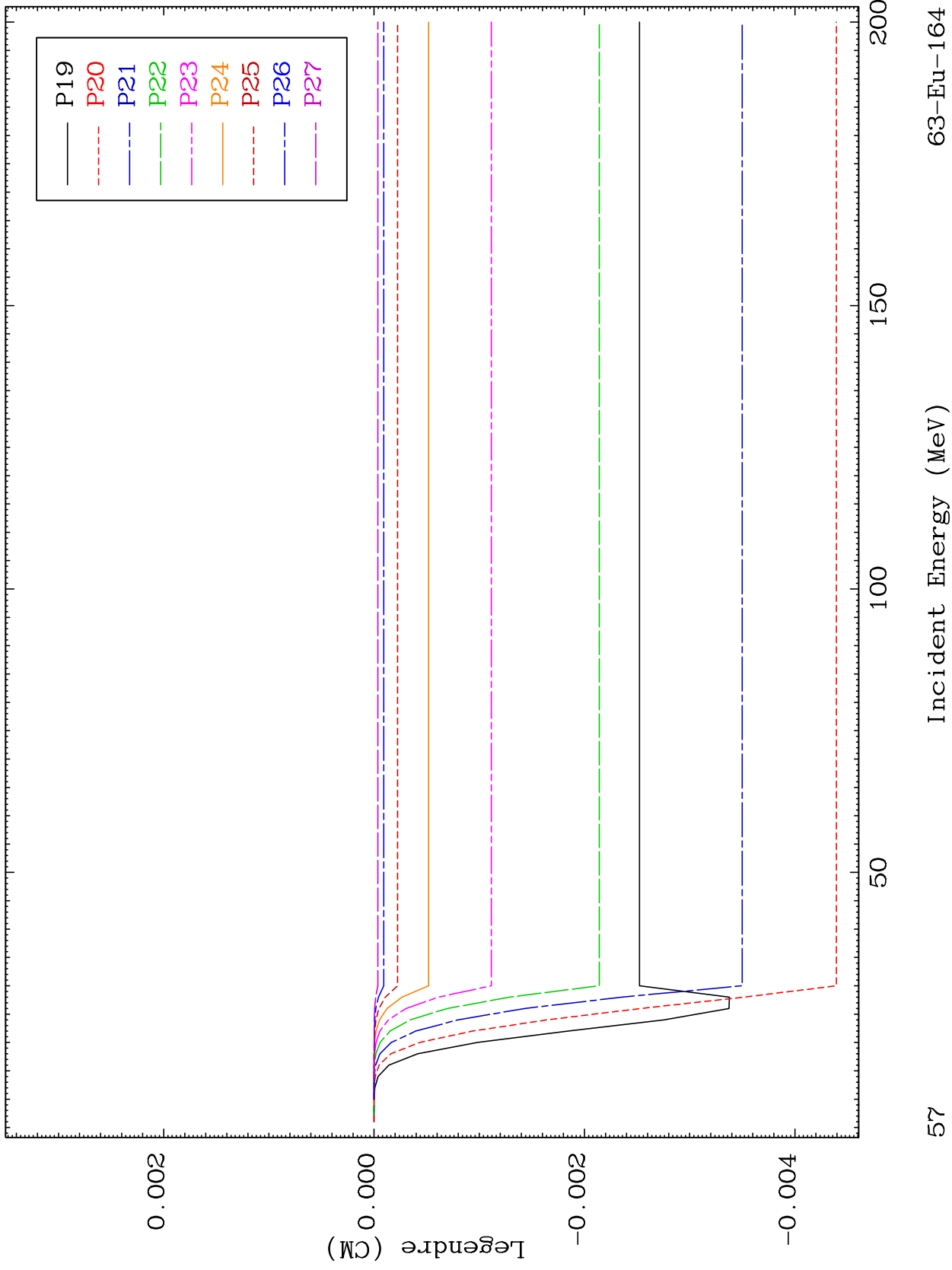
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

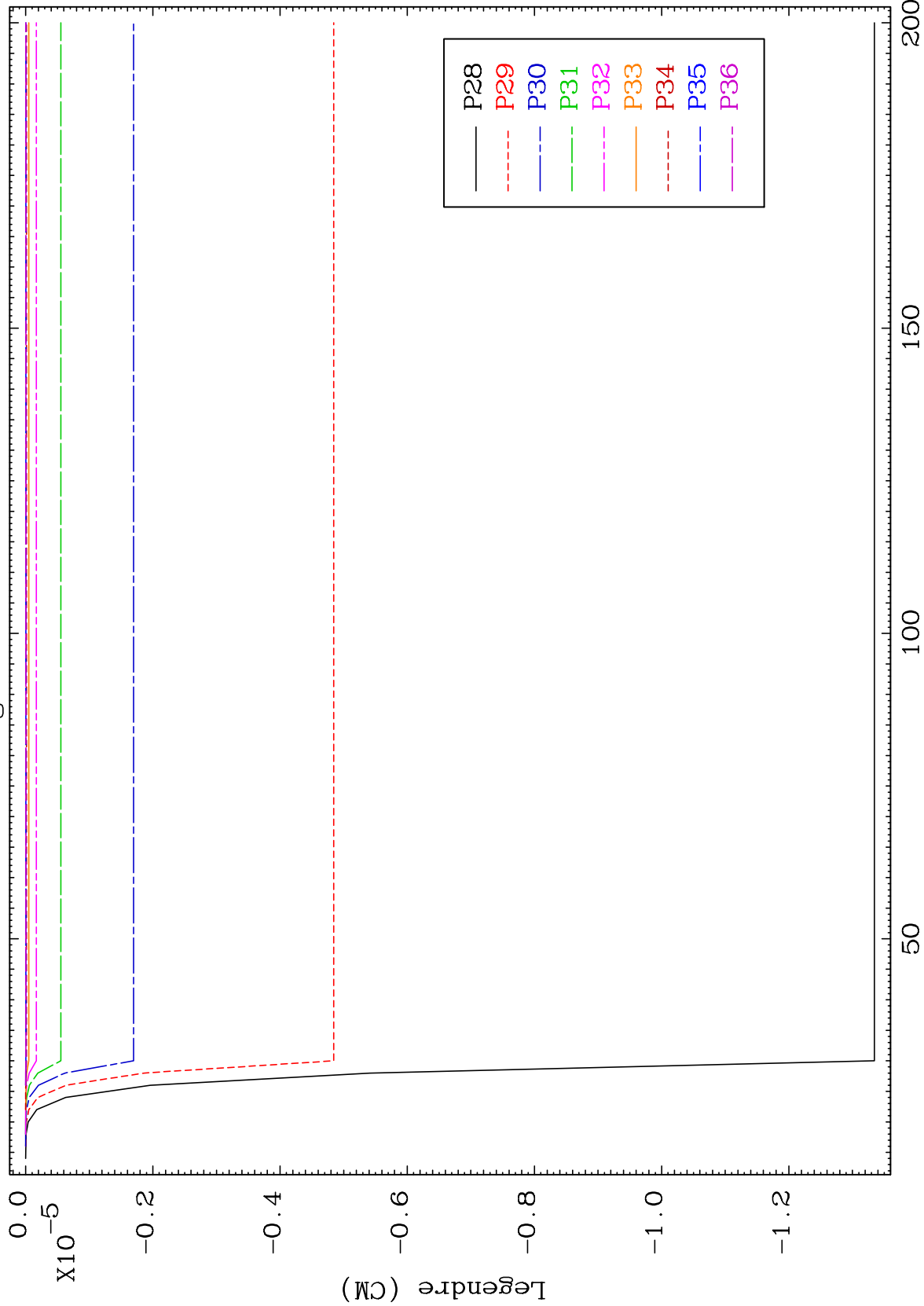
63-Eu-164



57

Incident Energy (MeV)

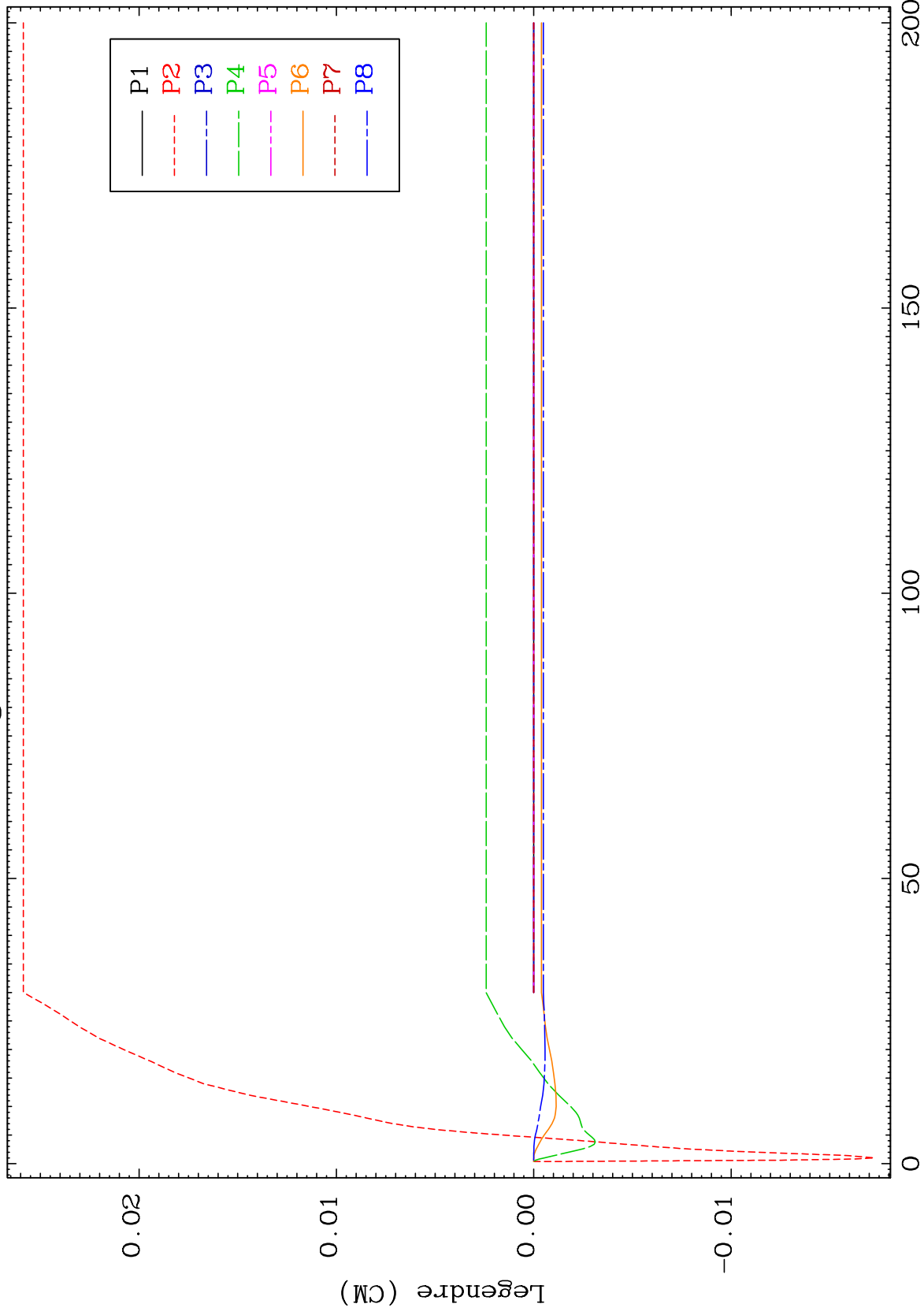
63-Eu-164



MAT 6364

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

63-Eu-164



59

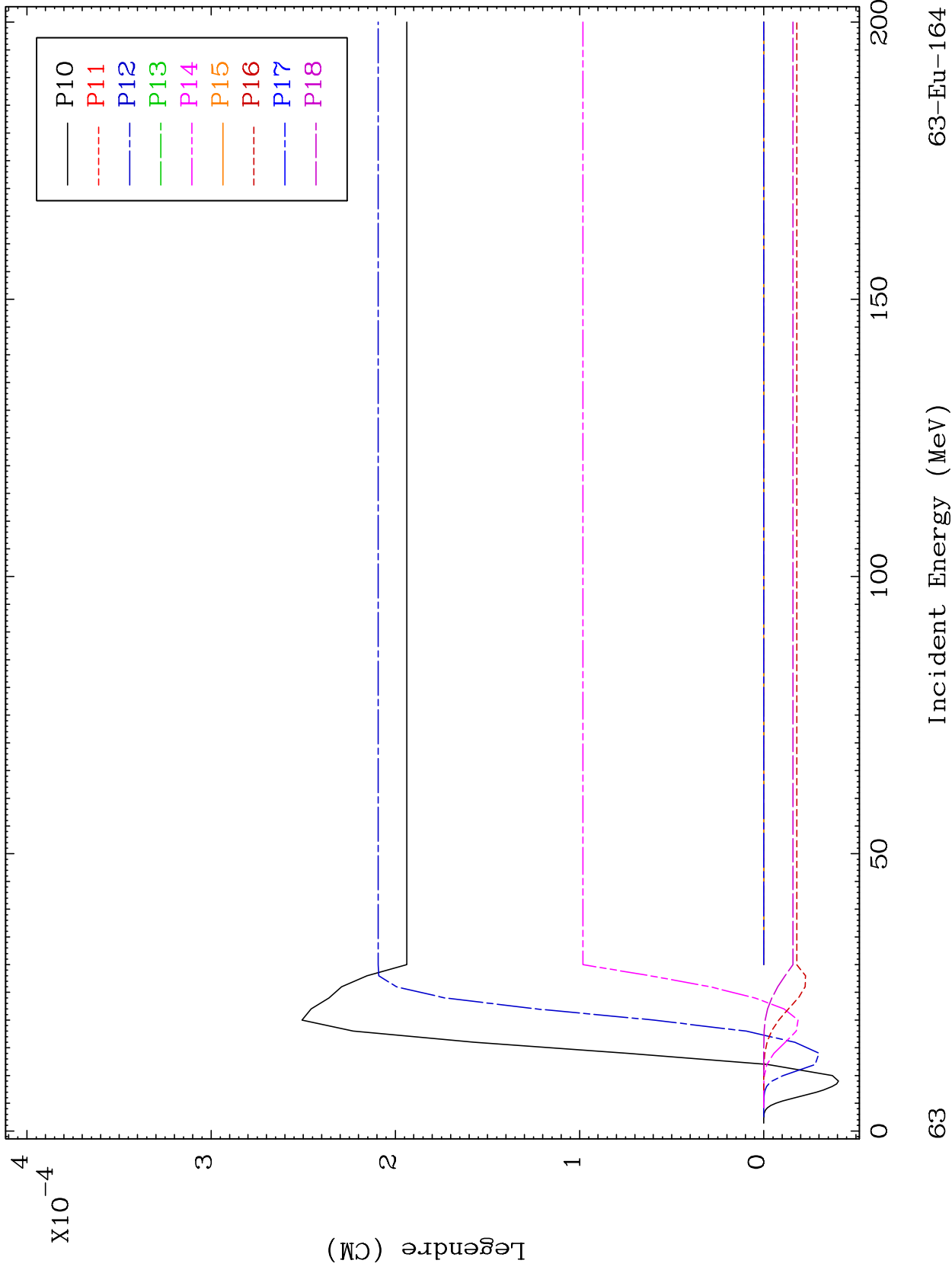
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

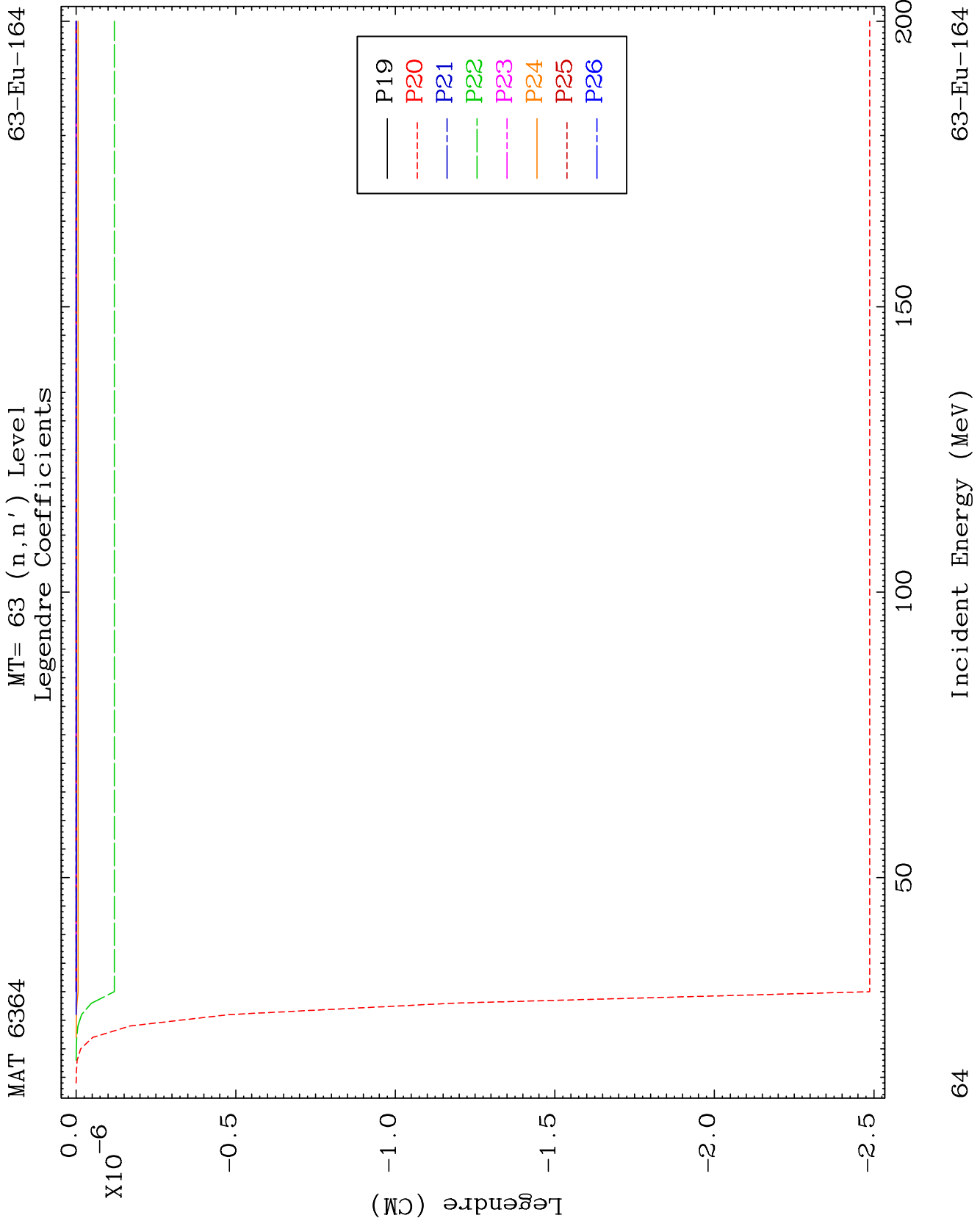
63-Eu-164



63

Incident Energy (MeV)

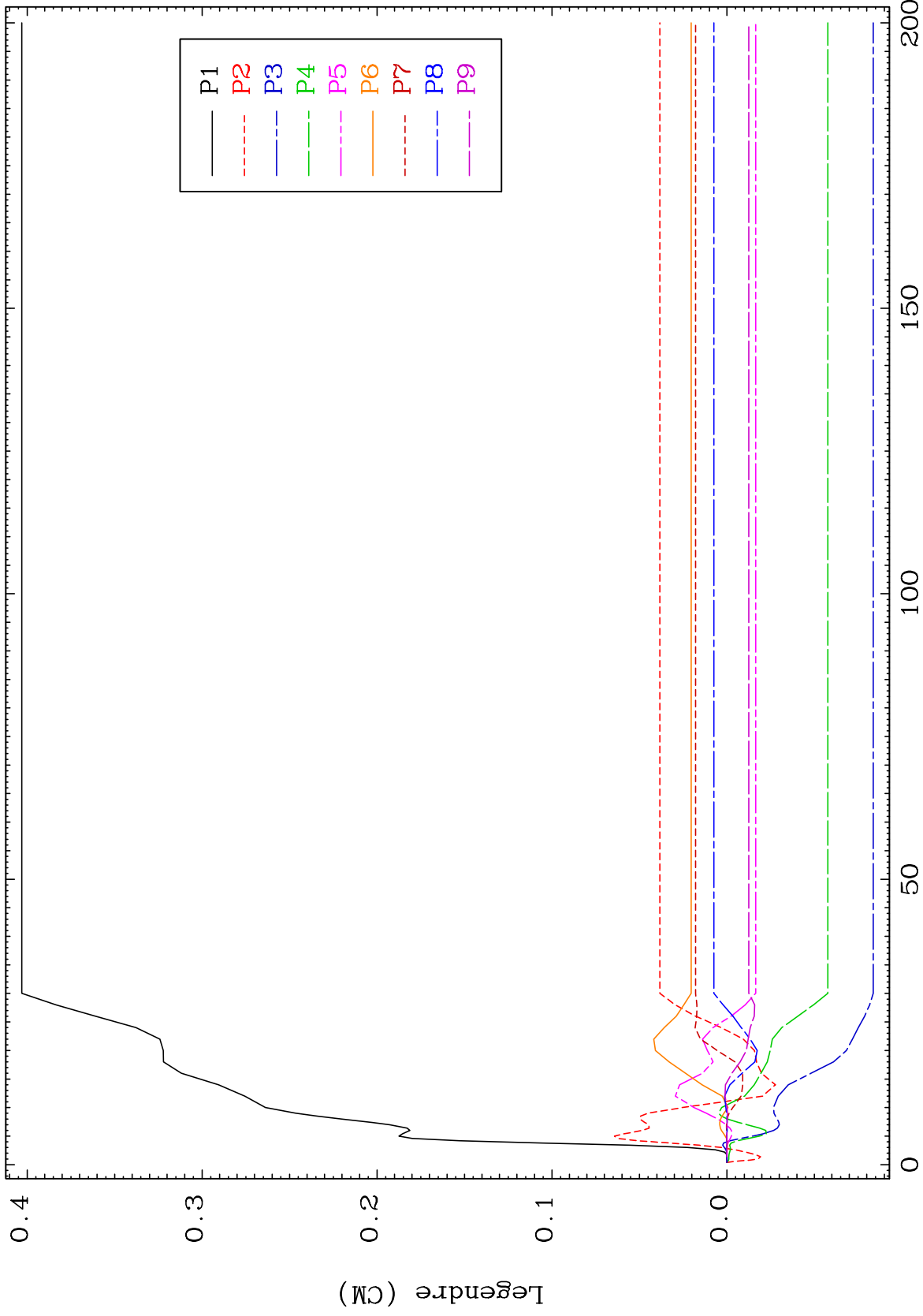
63-Eu-164



MAT 6364

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

63-Eu-164



65

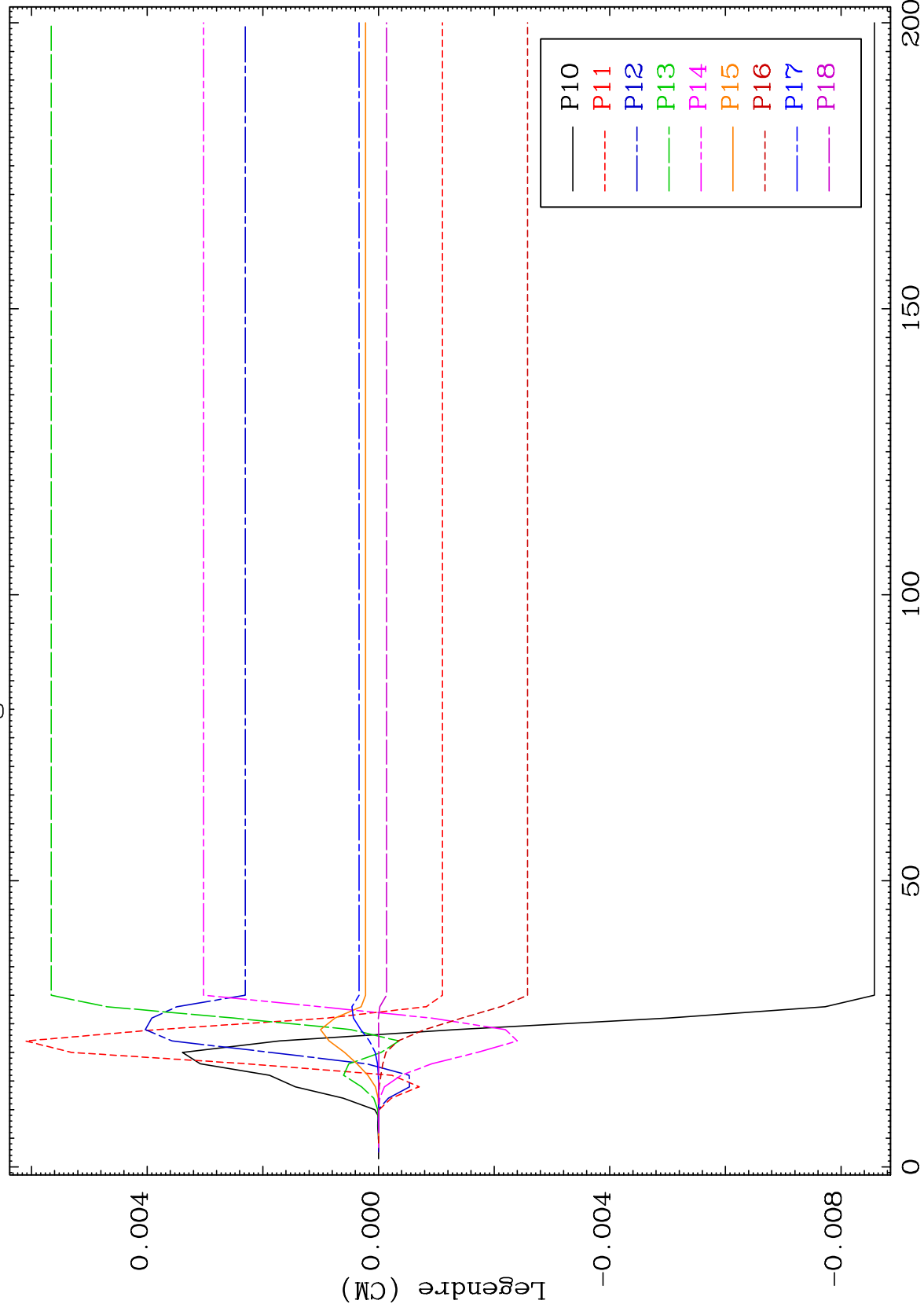
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



66

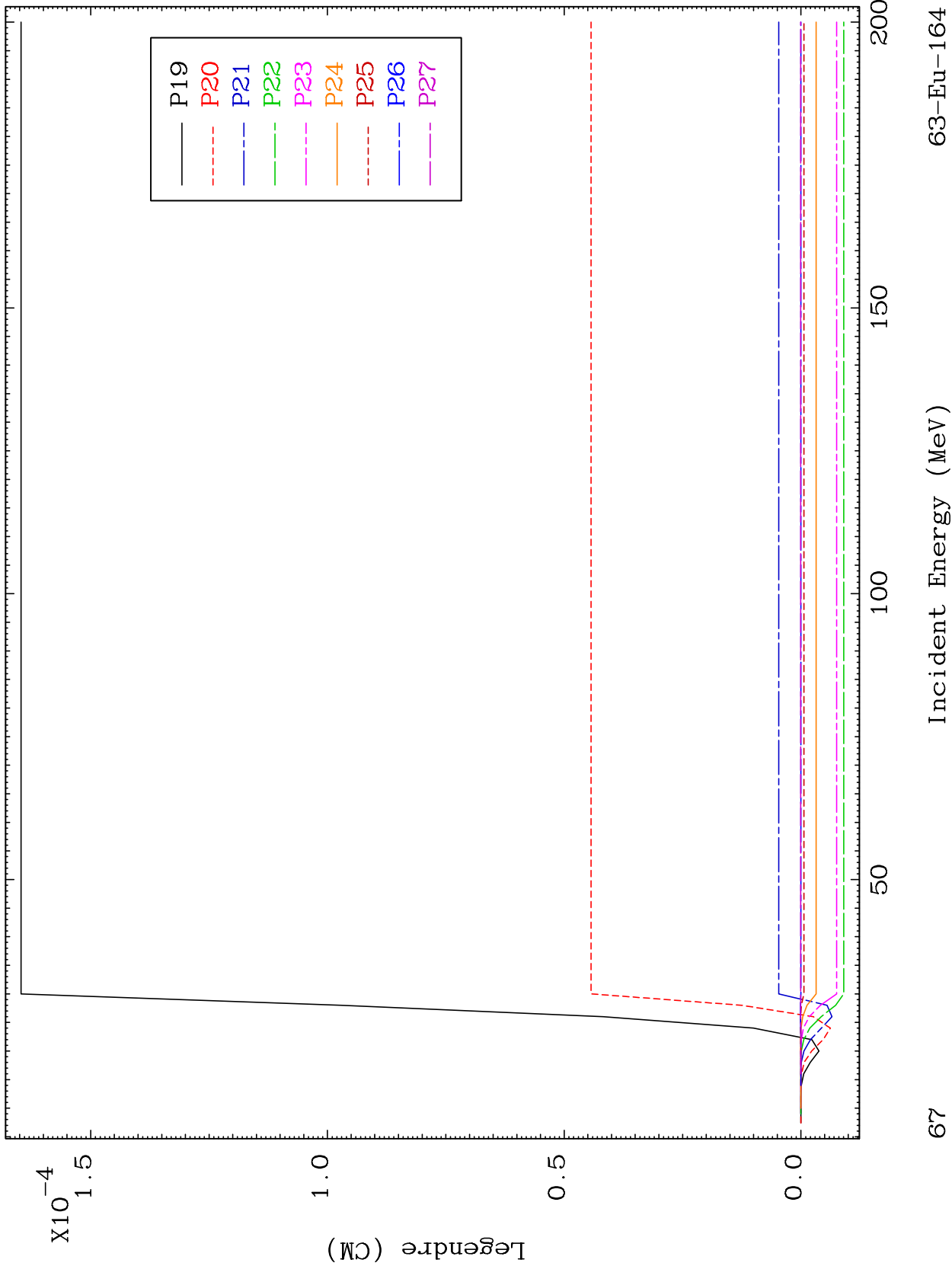
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

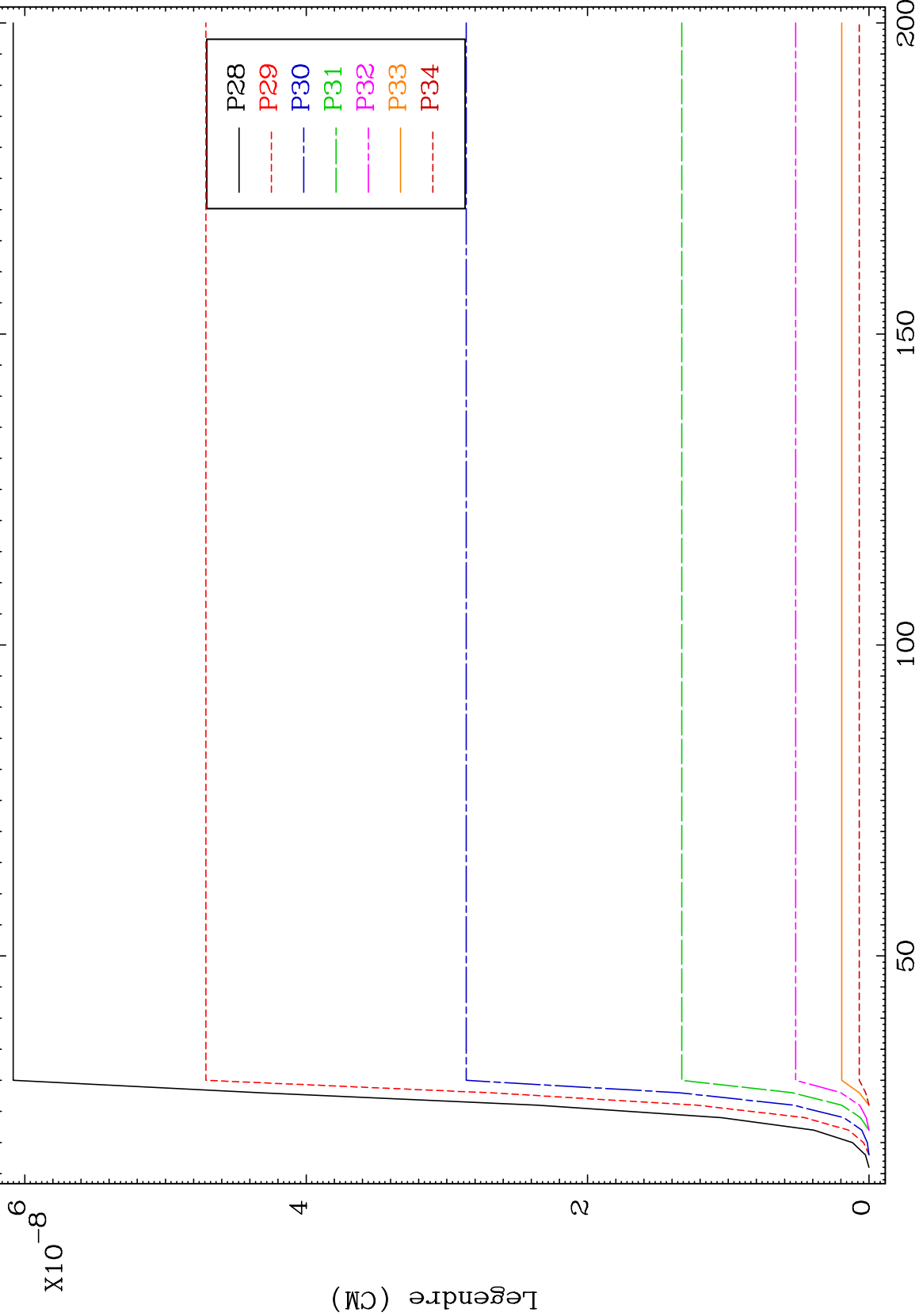
63-Eu-164



MAT 6364

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

63-Eu-164



68

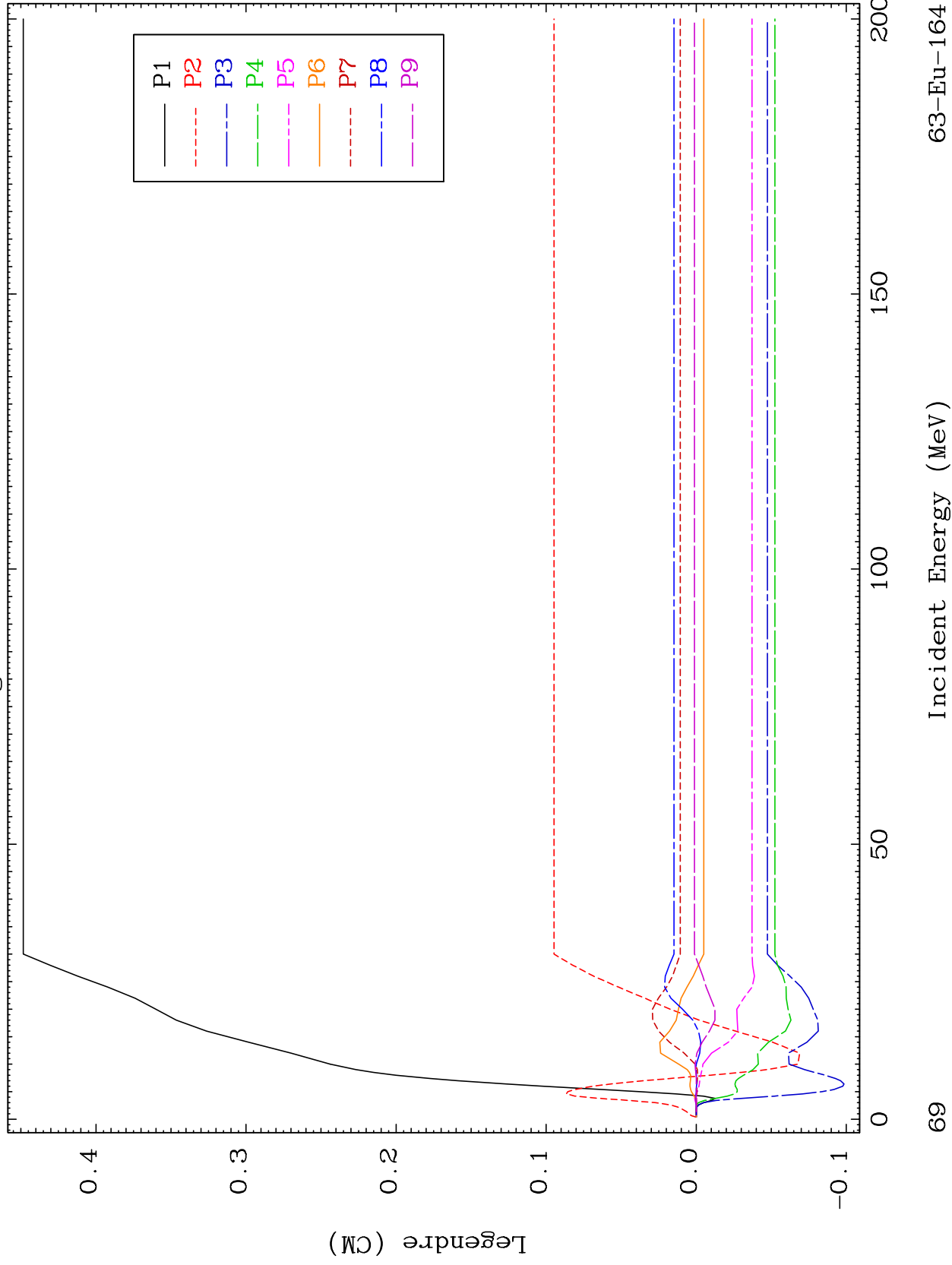
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

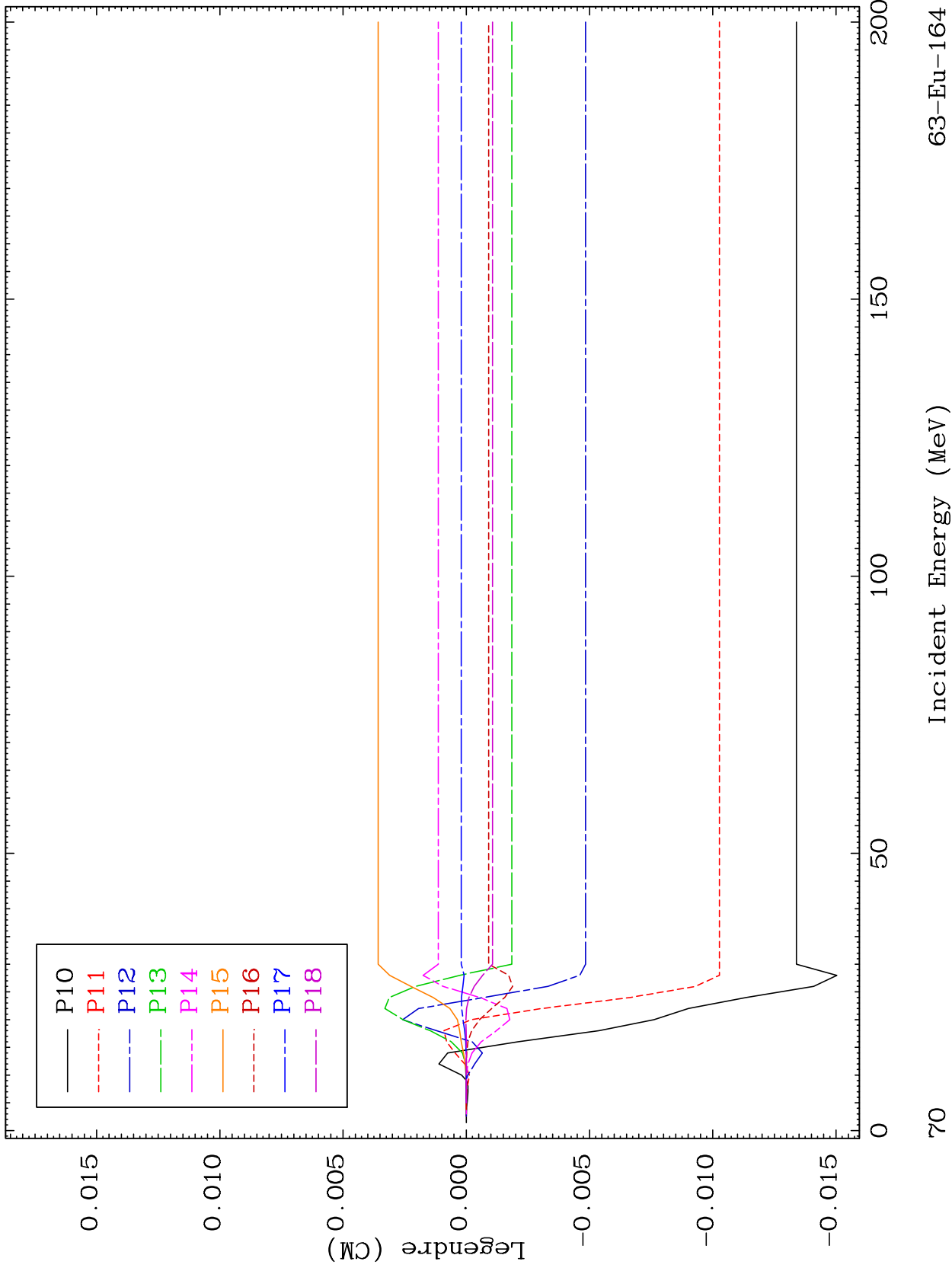
Incident Energy (MeV)

69

MAT 6364

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

63-Eu-164



63-Eu-164

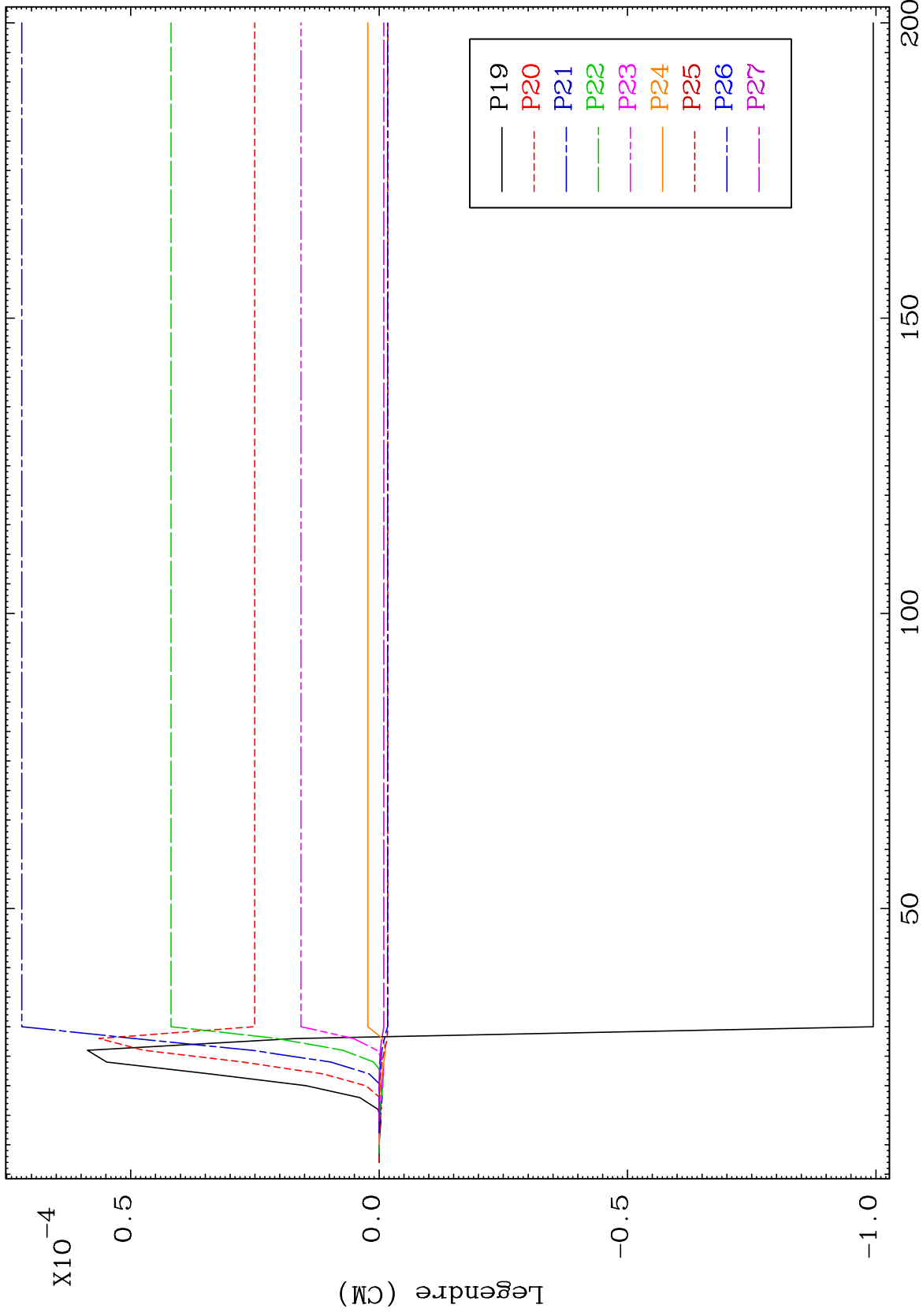
Incident Energy (MeV)

70

MAT 6364

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

63-Eu-164



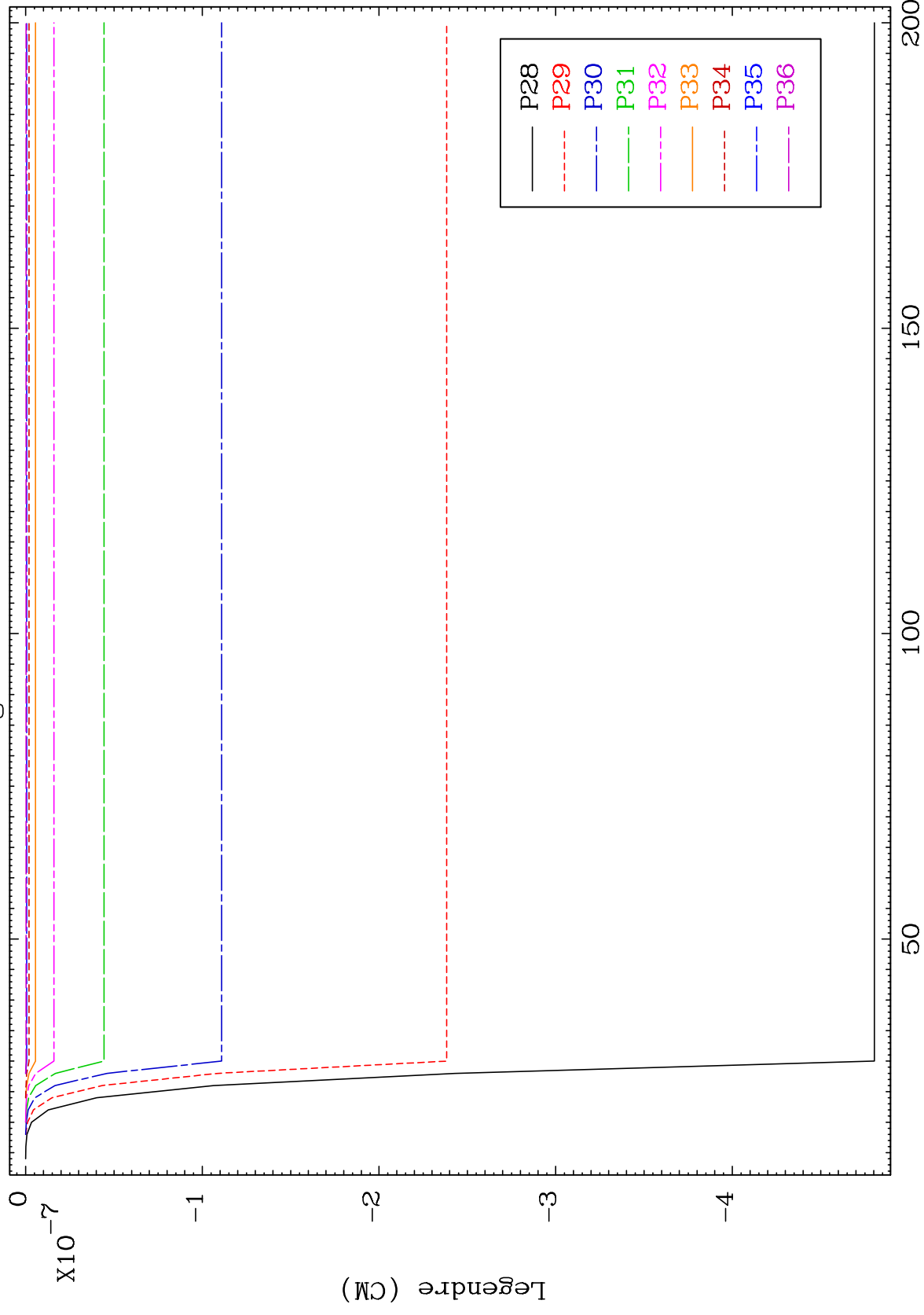
71

63-Eu-164

MAT 6364

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

63-Eu-164



72

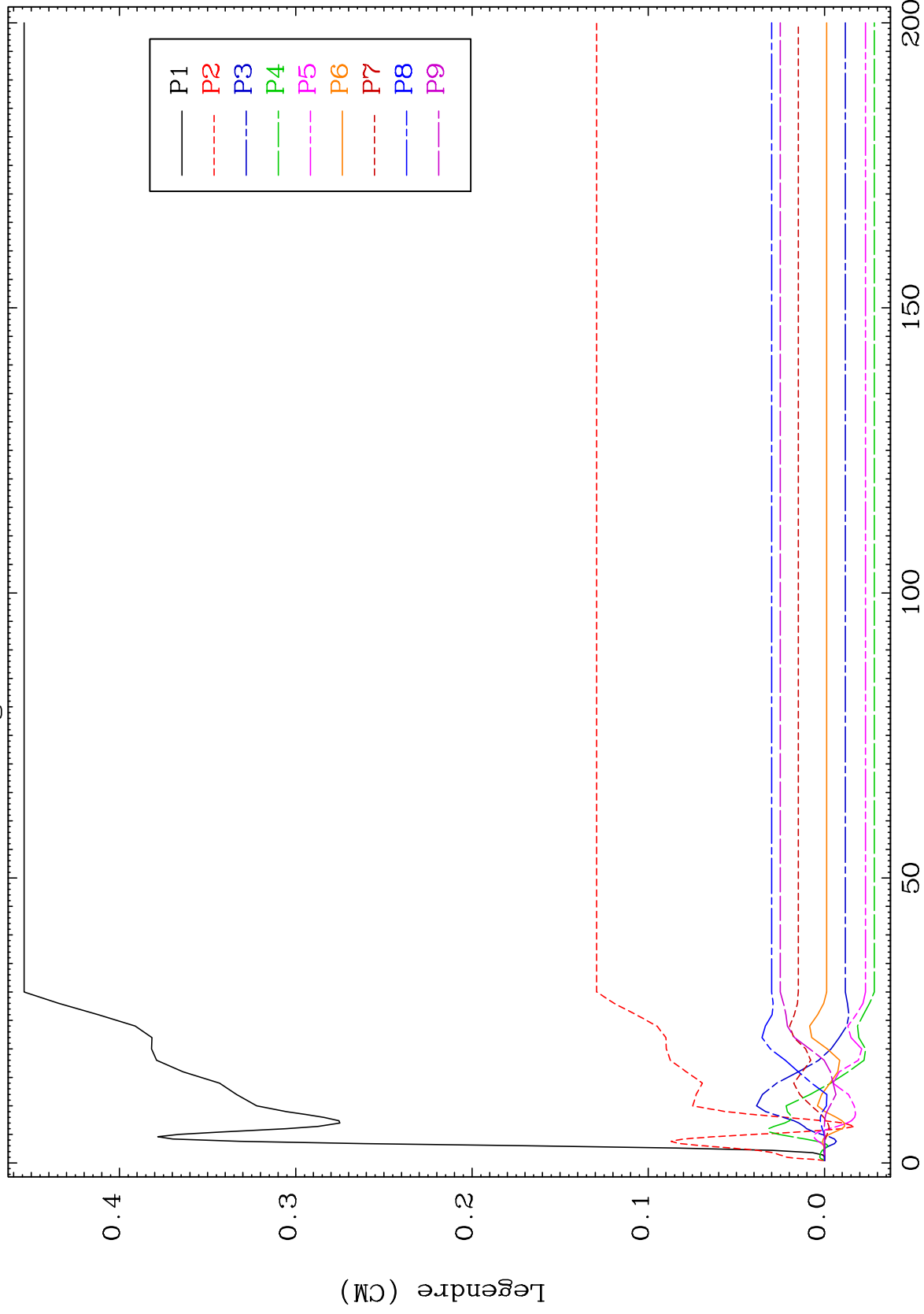
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



73

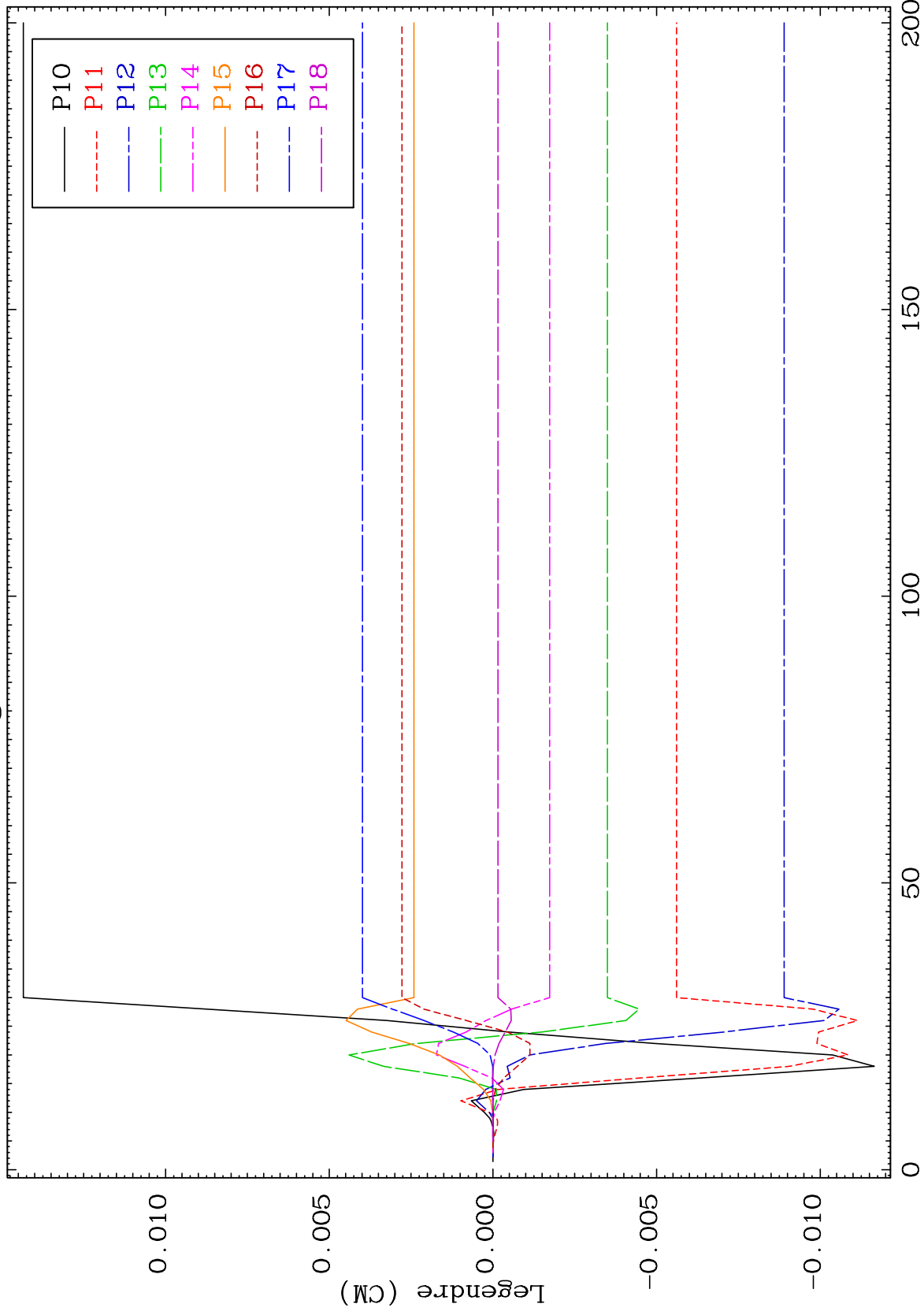
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

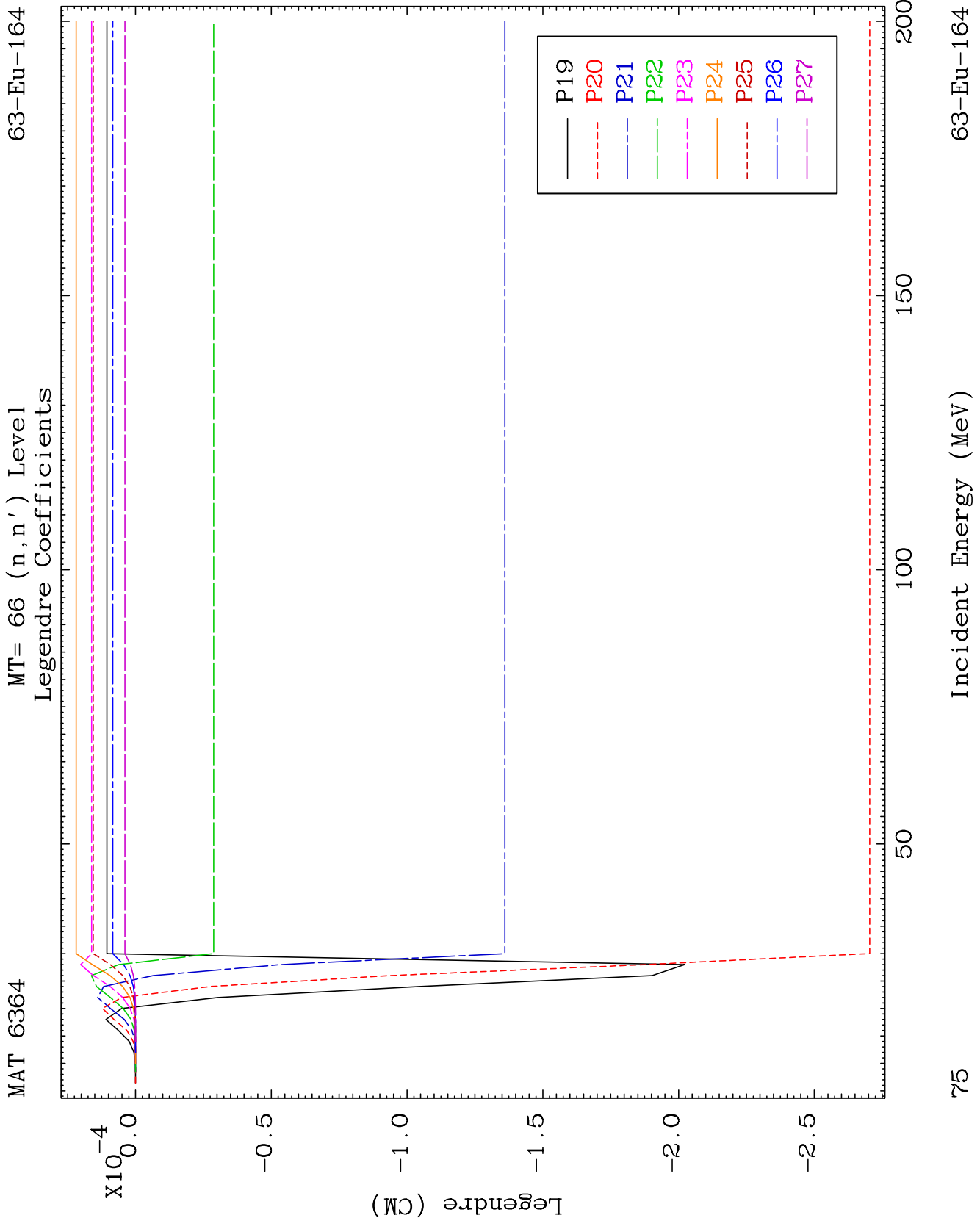
63-Eu-164



74

Incident Energy (MeV)

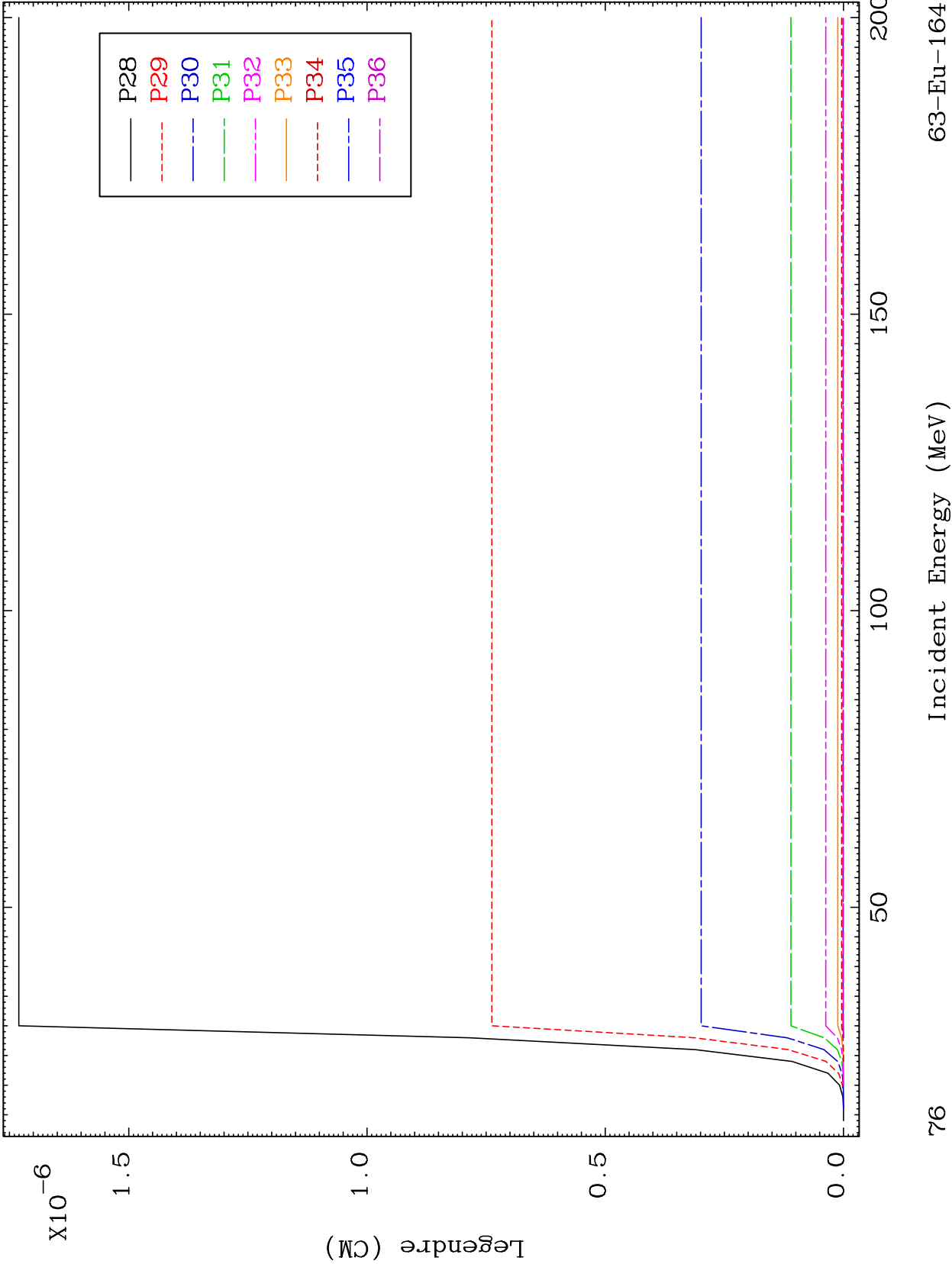
63-Eu-164



MAT 6364

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

63-Eu-164



76

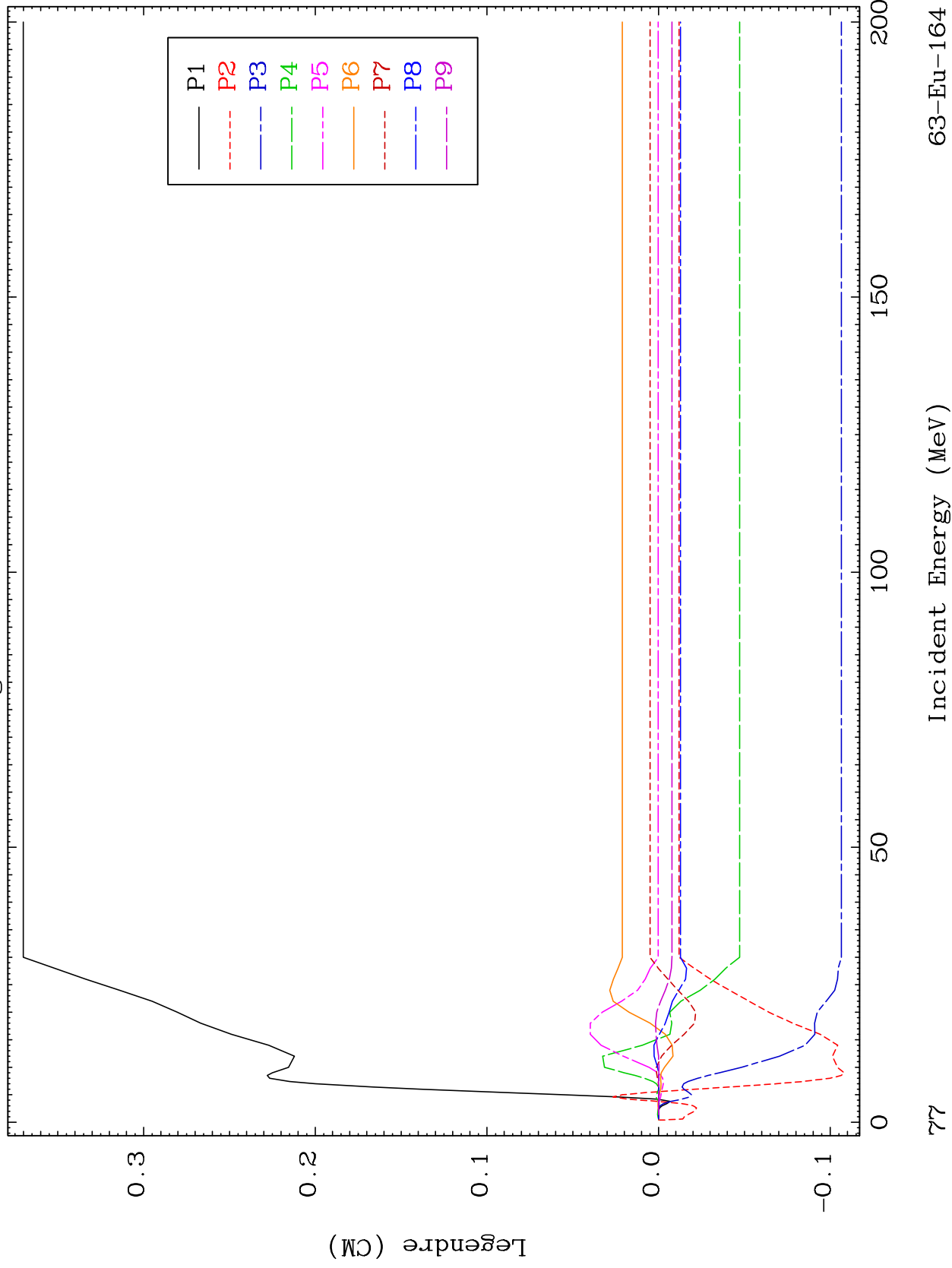
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

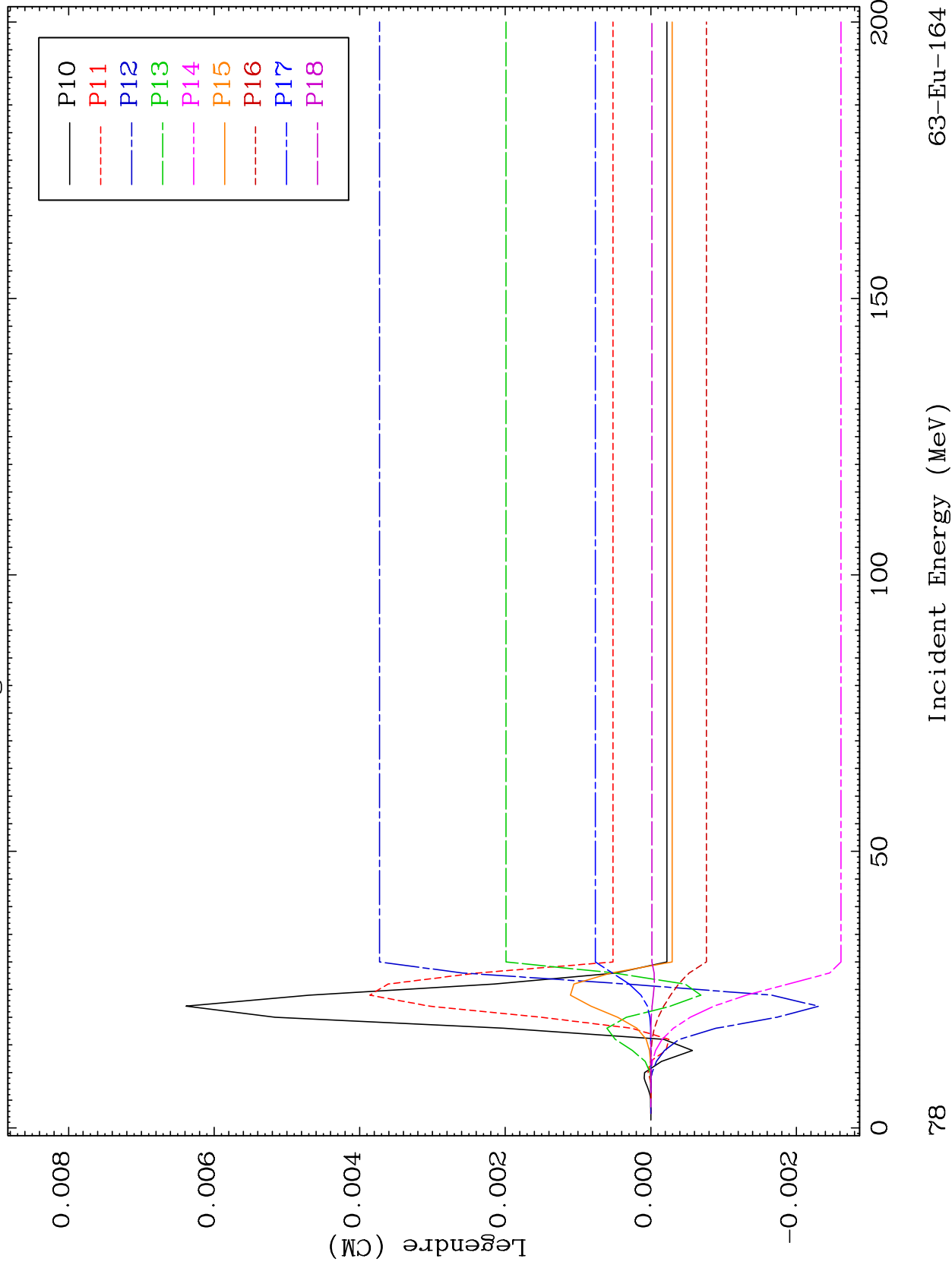
Incident Energy (MeV)

77

MAT 6364

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

63-Eu-164



63-Eu-164

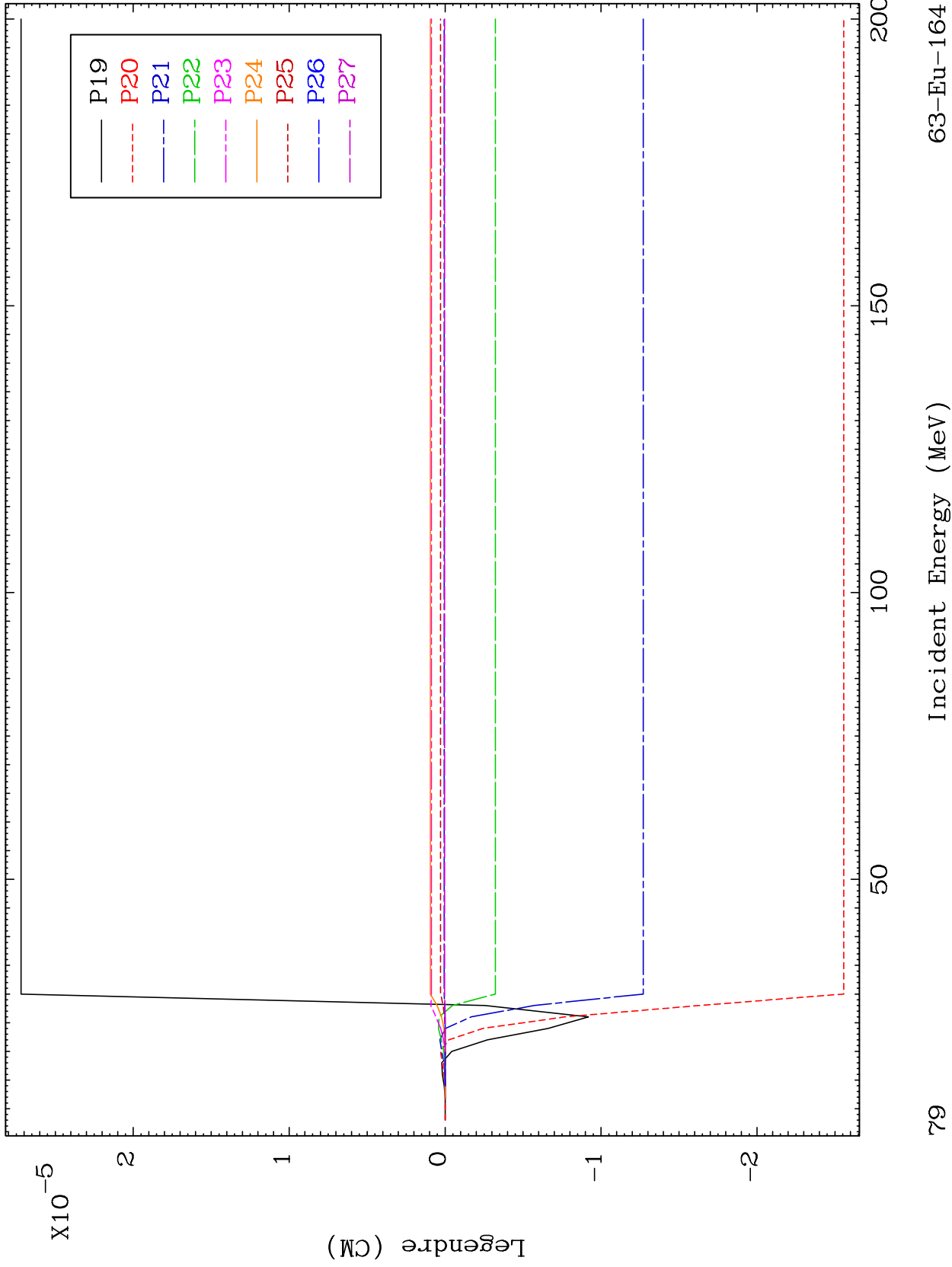
Incident Energy (MeV)

78

MAT 6364

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

63-Eu-164



79

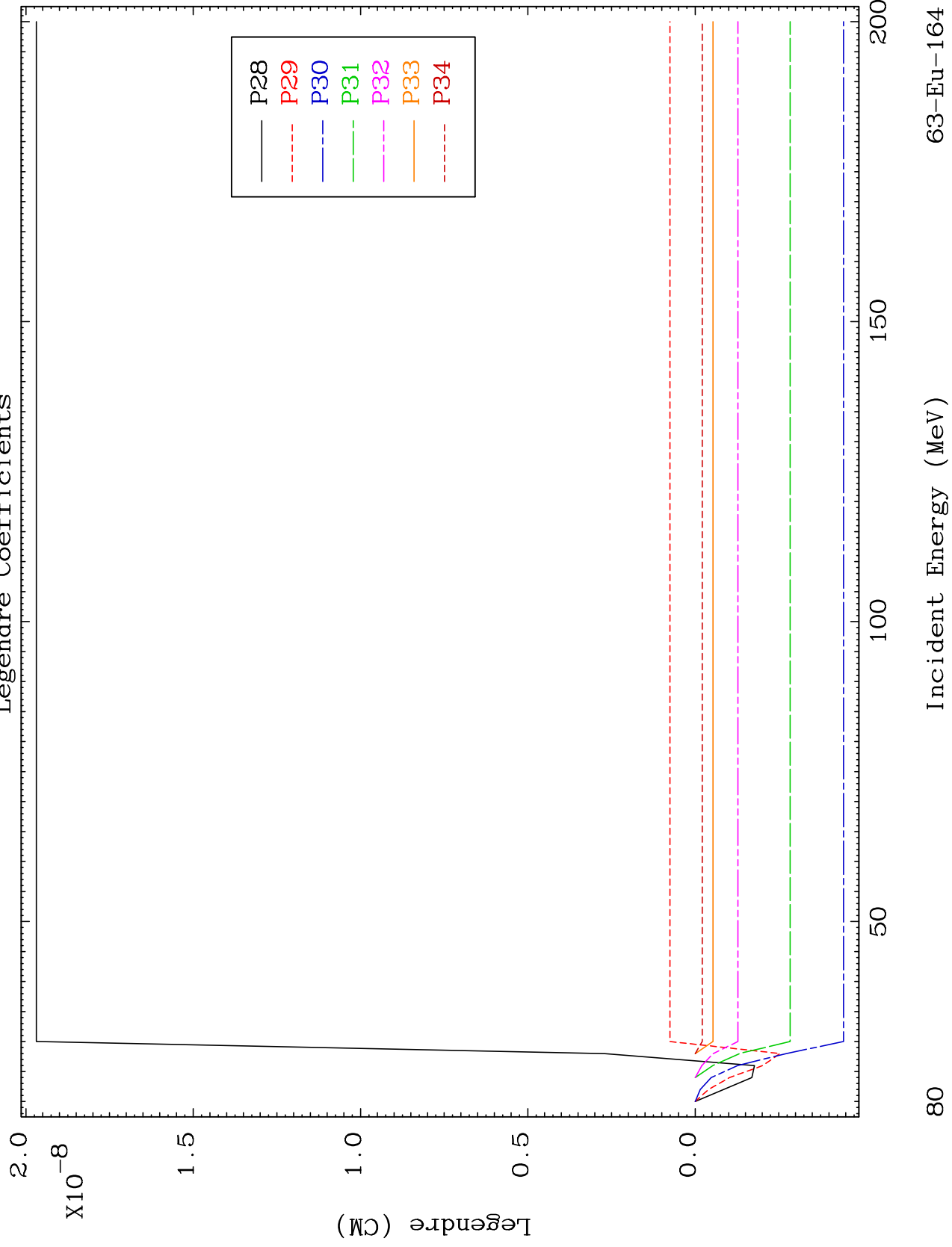
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

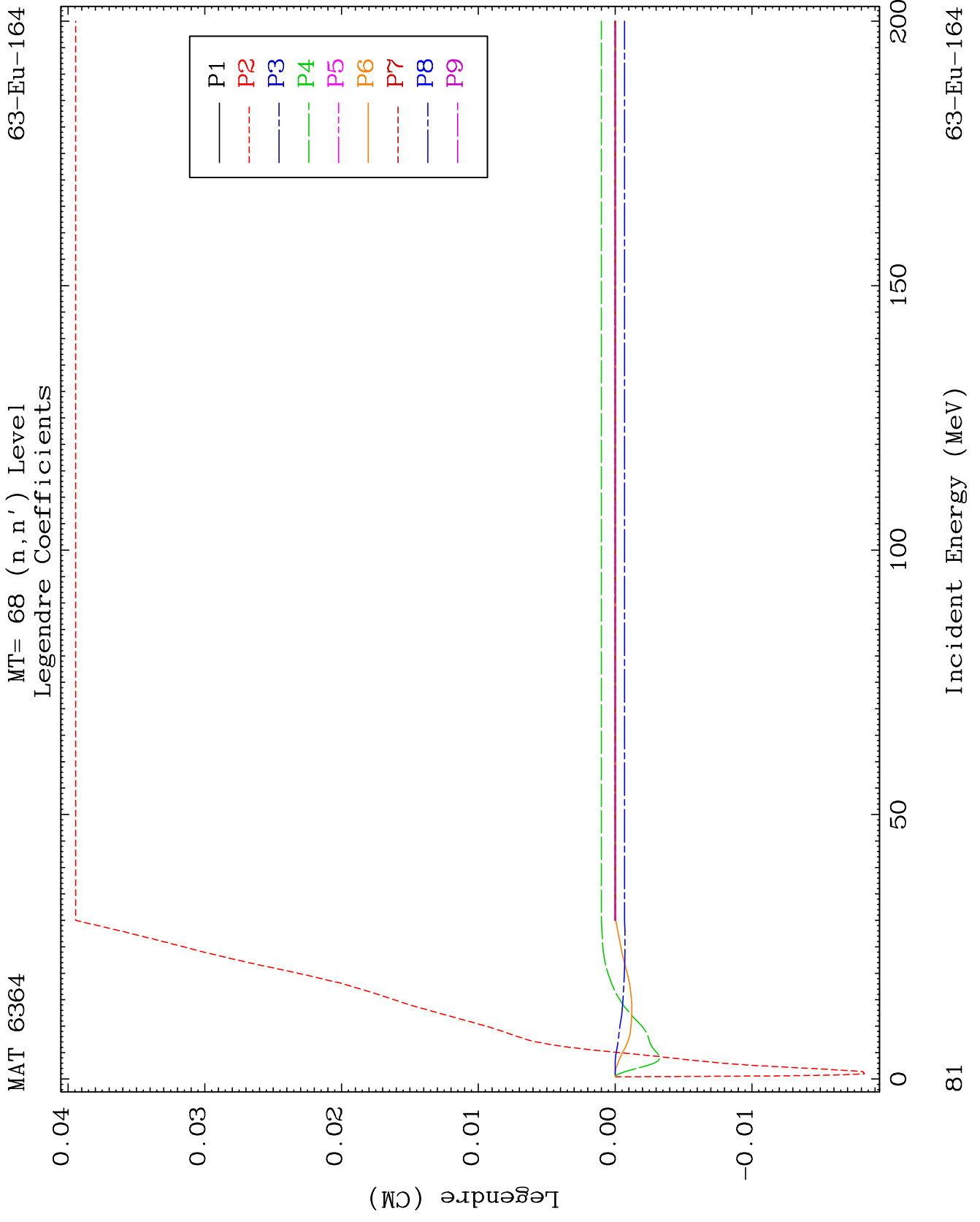
63-Eu-164

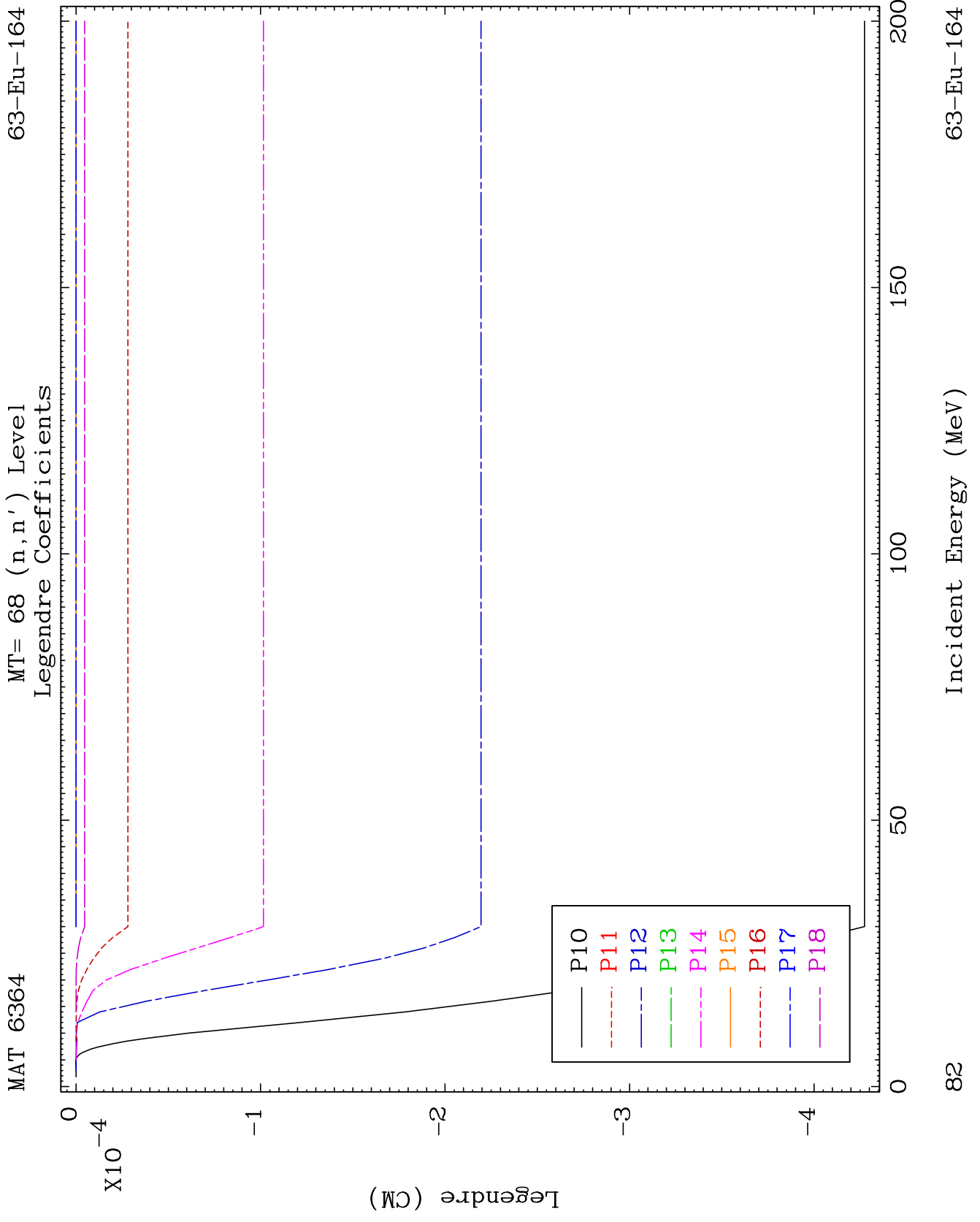


63-Eu-164

Incident Energy (MeV)

80

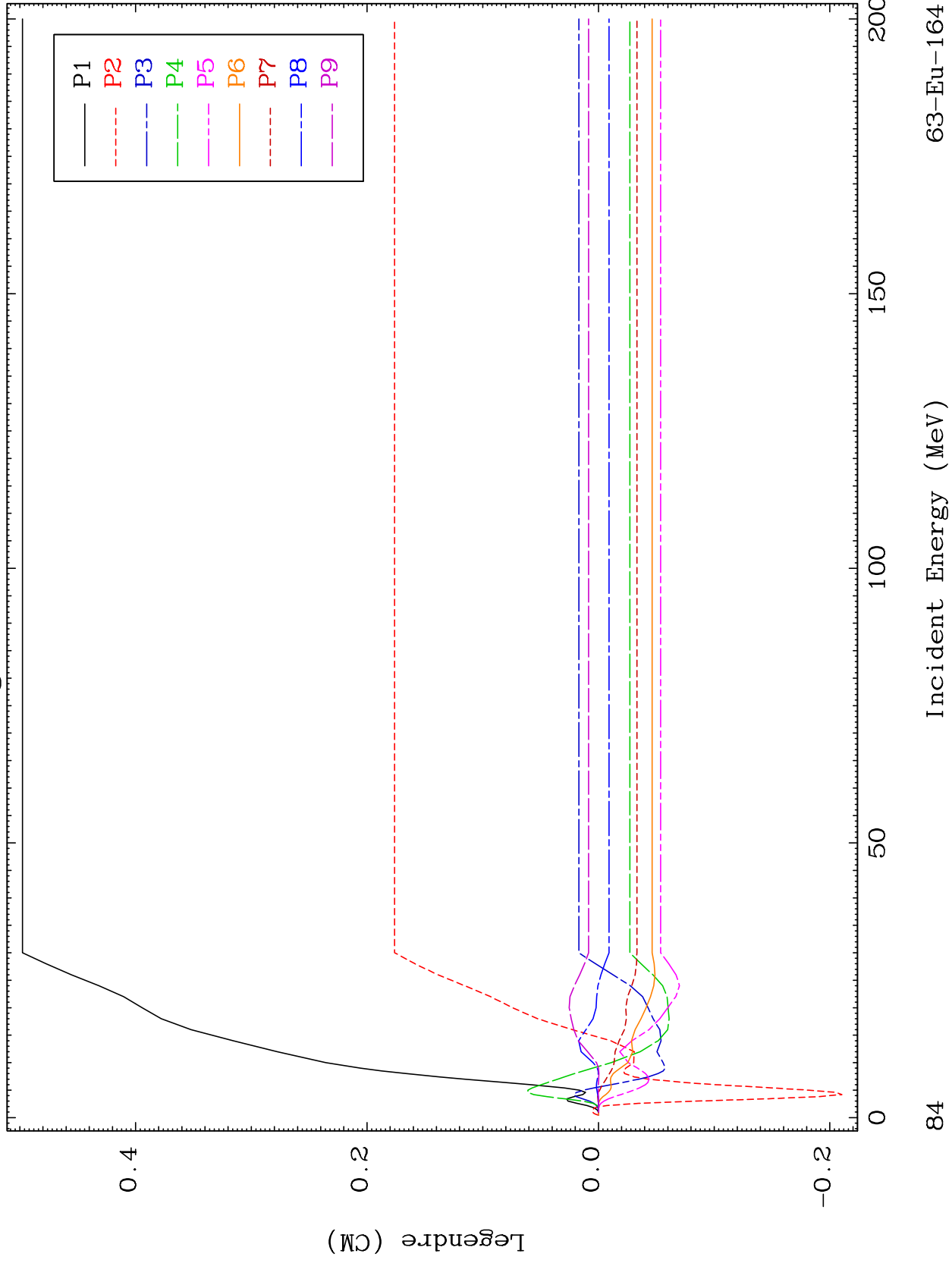




MAT 6364

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

63-Eu-164



63-Eu-164

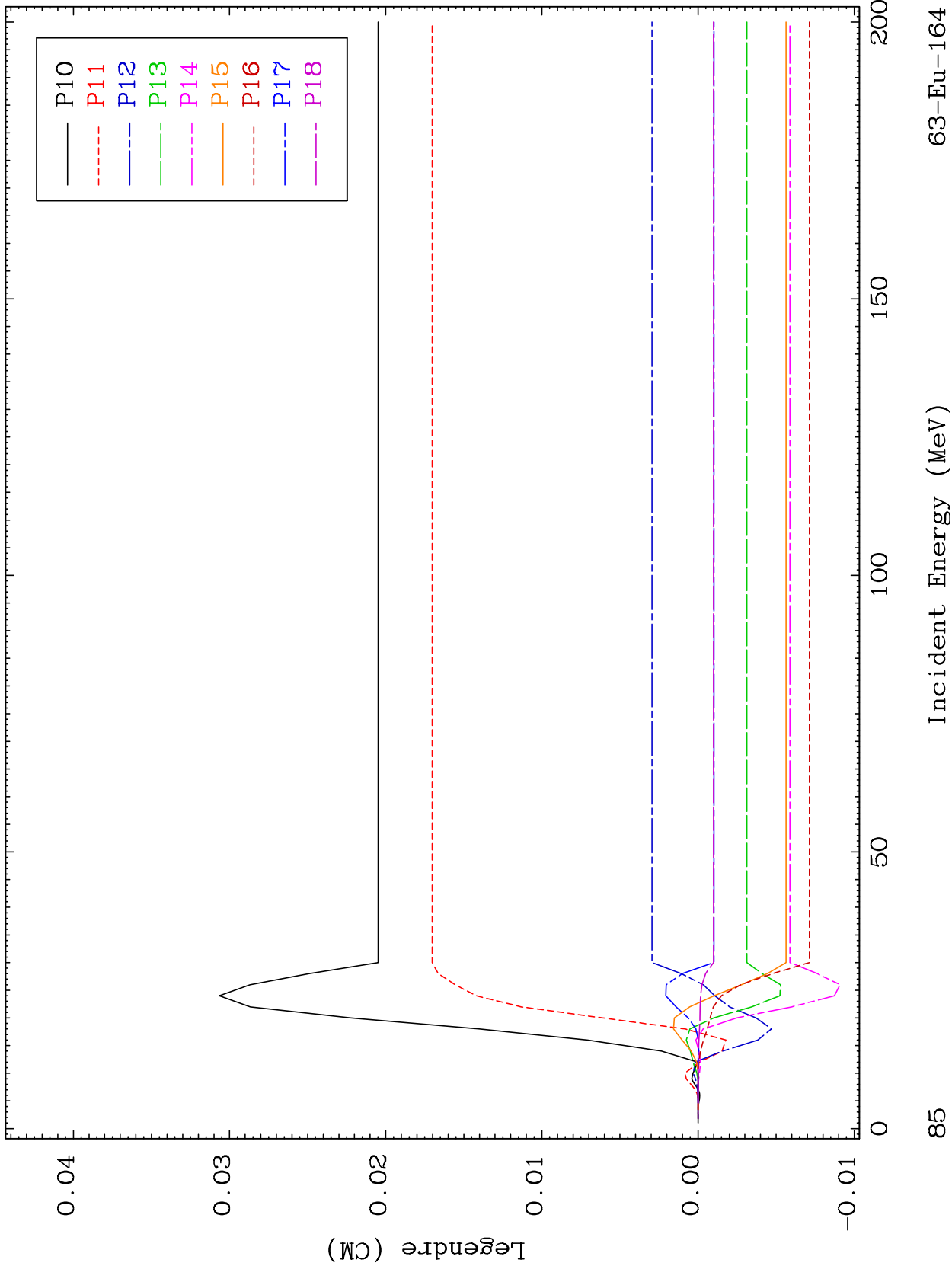
Incident Energy (MeV)

84

MAT 6364

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

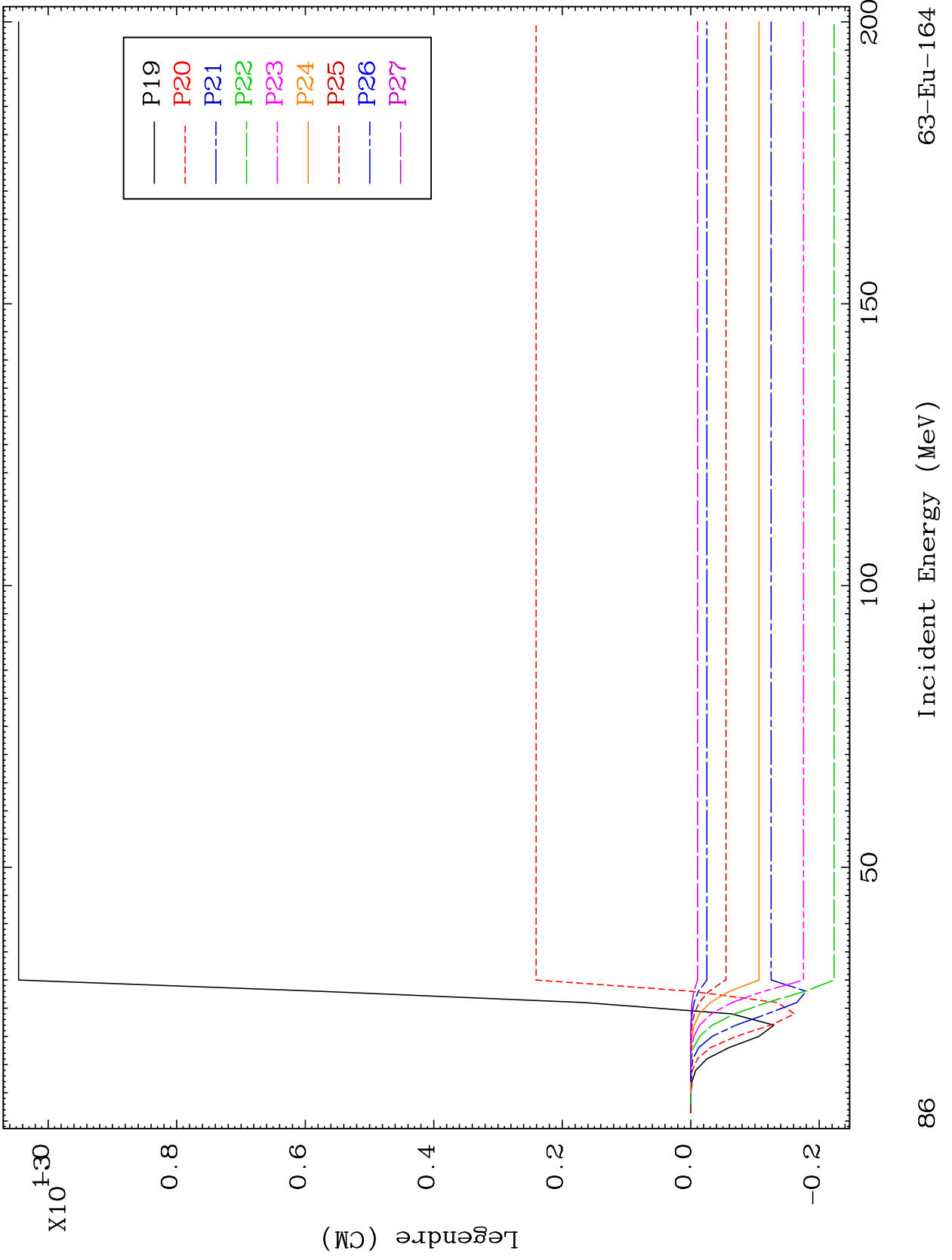
63-Eu-164

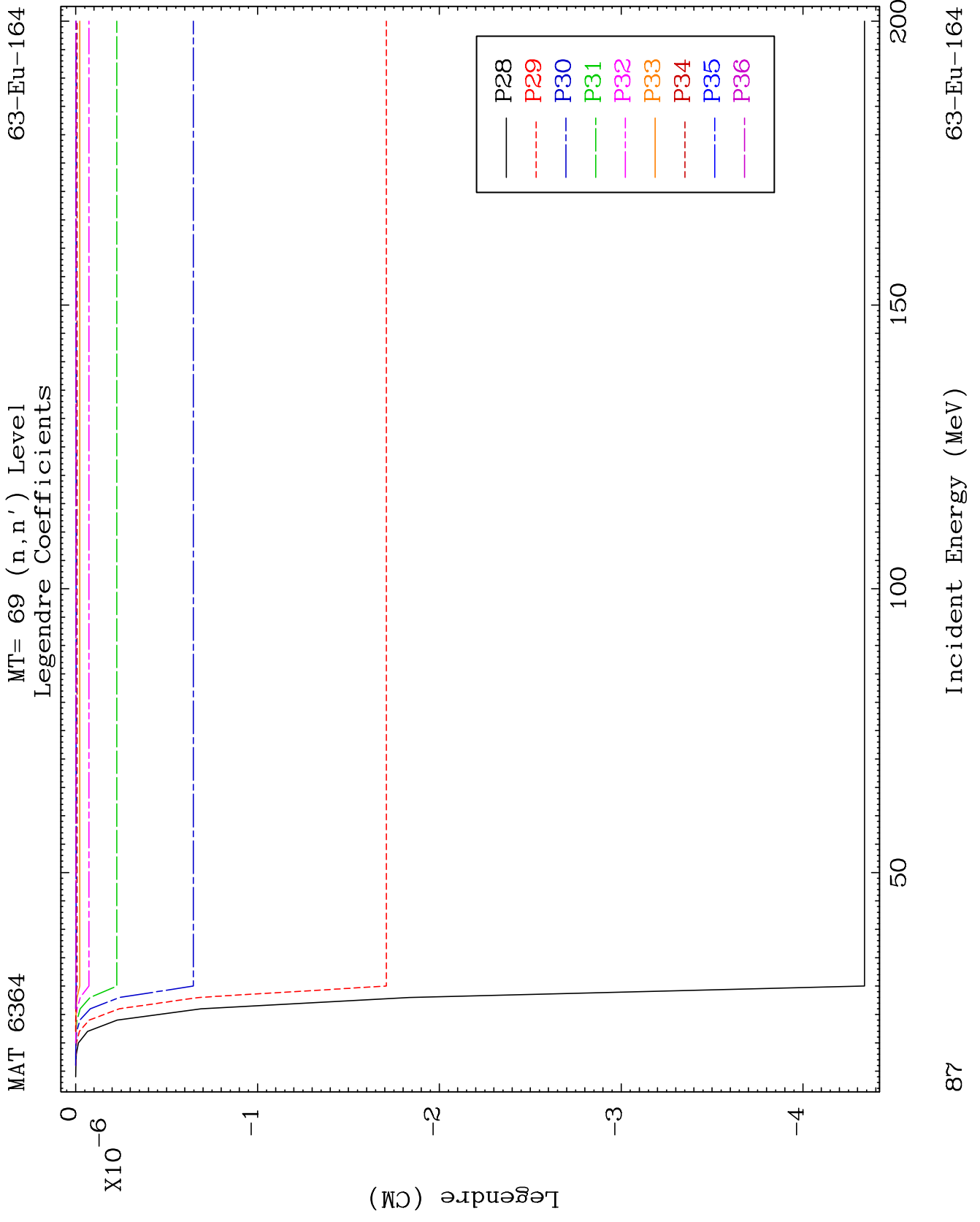


63-Eu-164

Incident Energy (MeV)

85

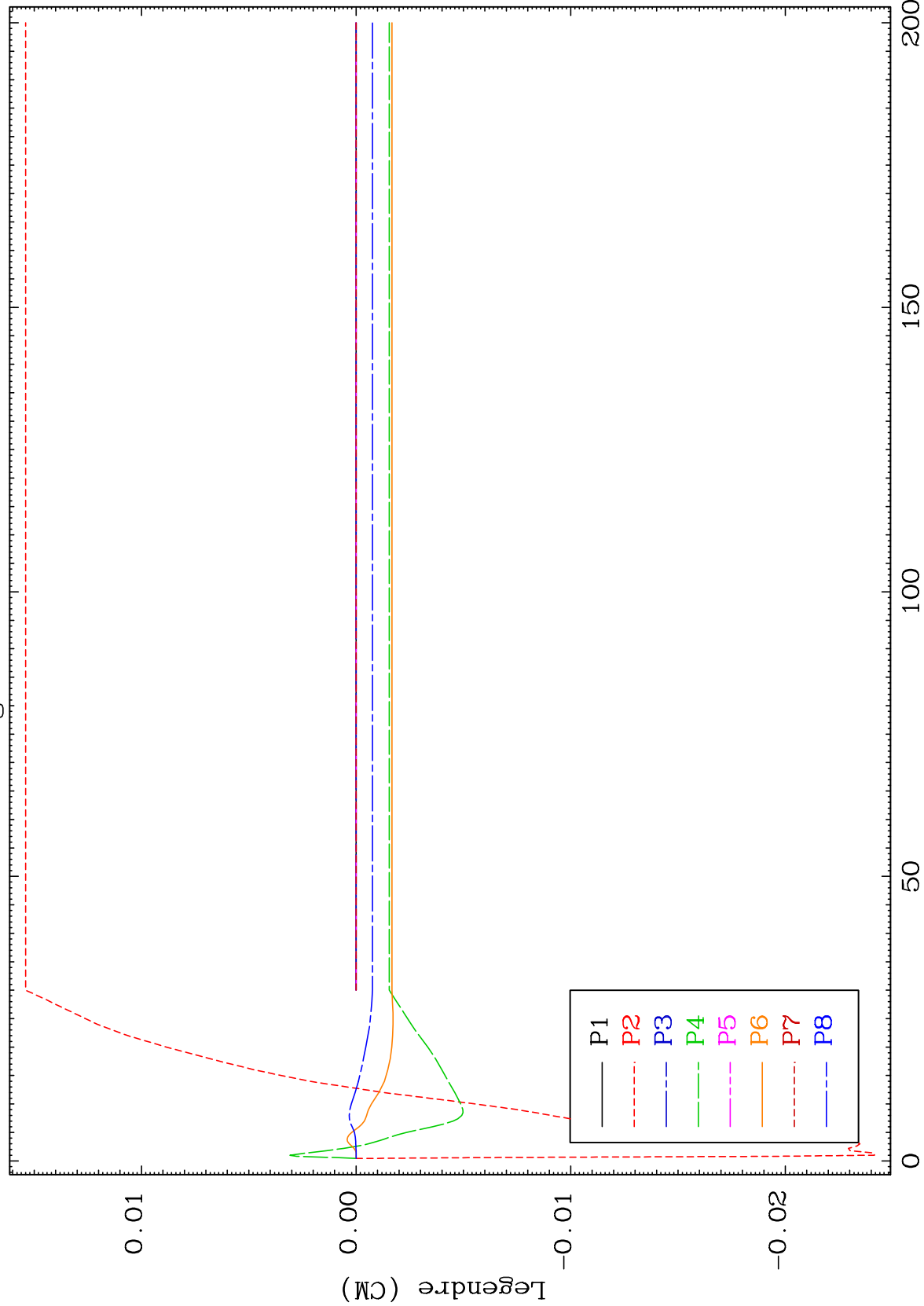




MAT 6364

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

63-Eu-164



88

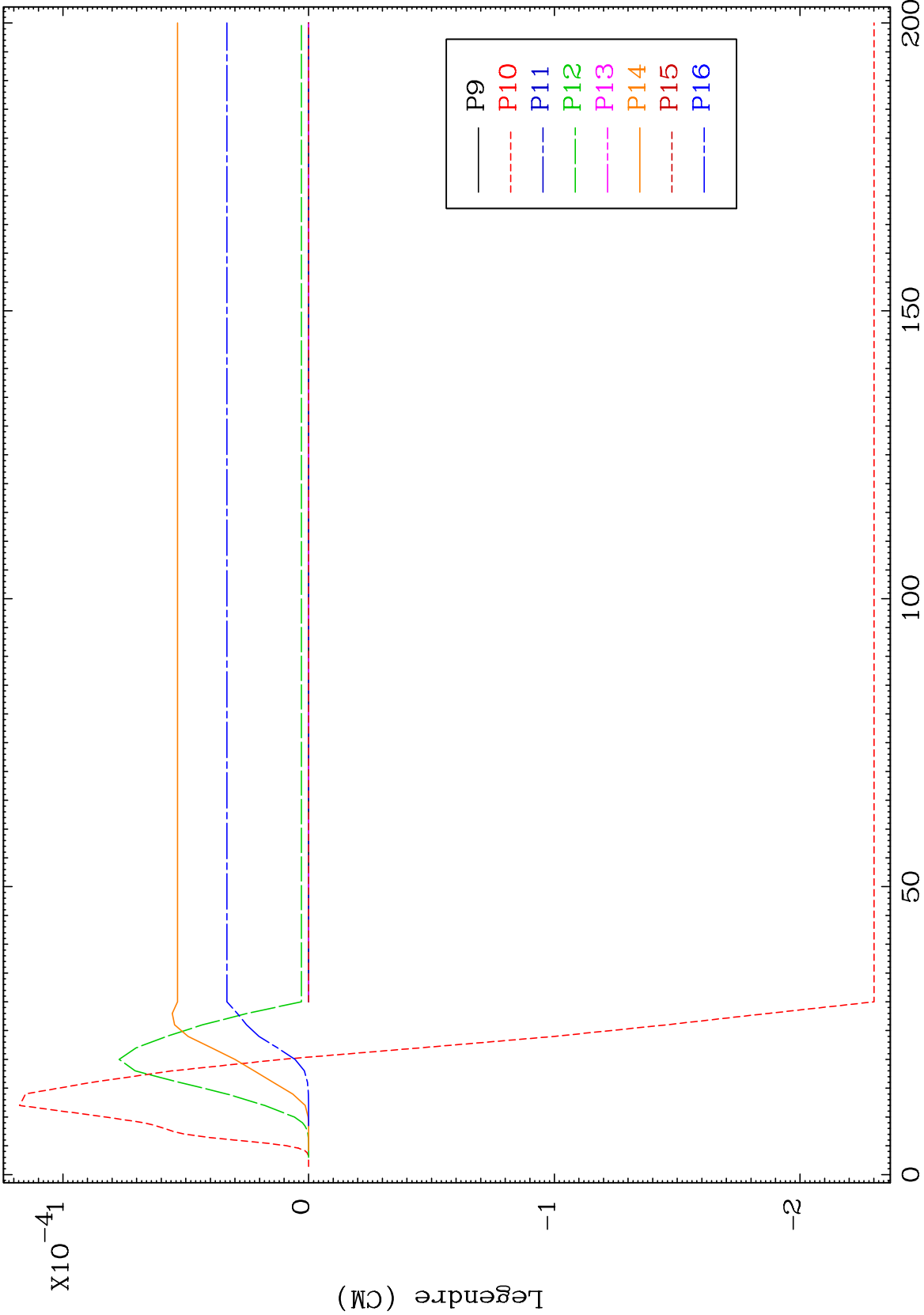
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



89

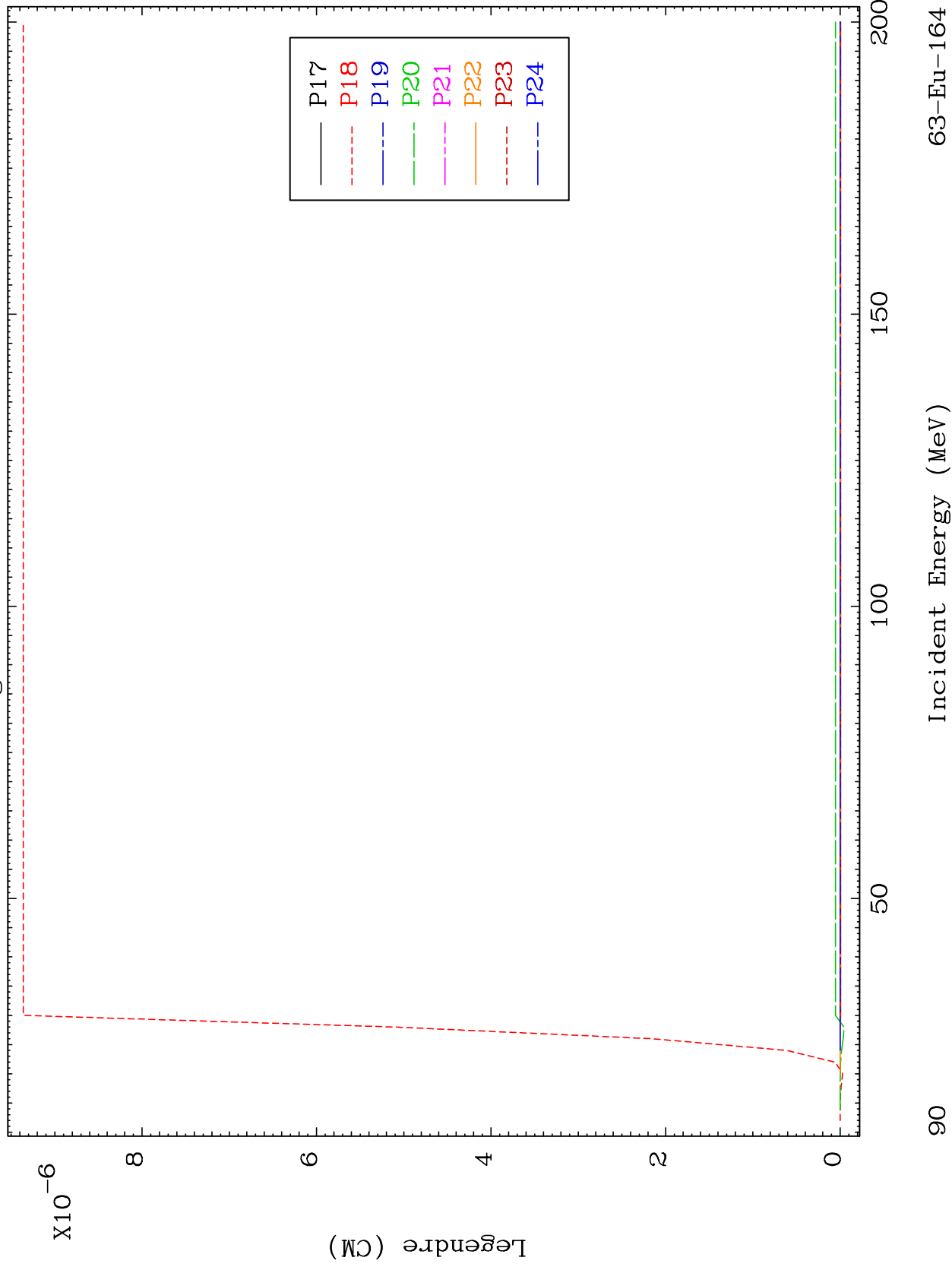
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

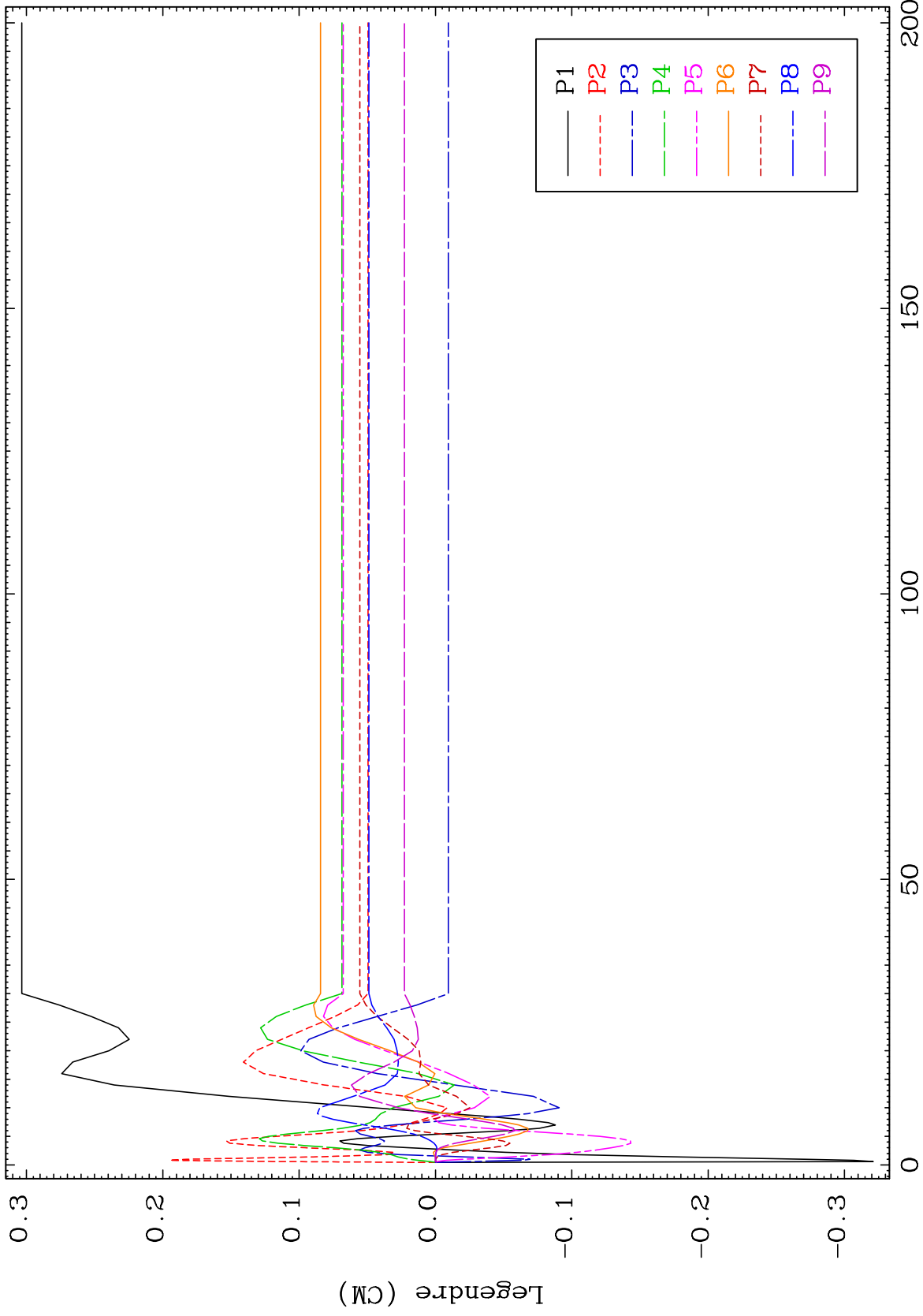
63-Eu-164



MAT 6364

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

63-Eu-164



91

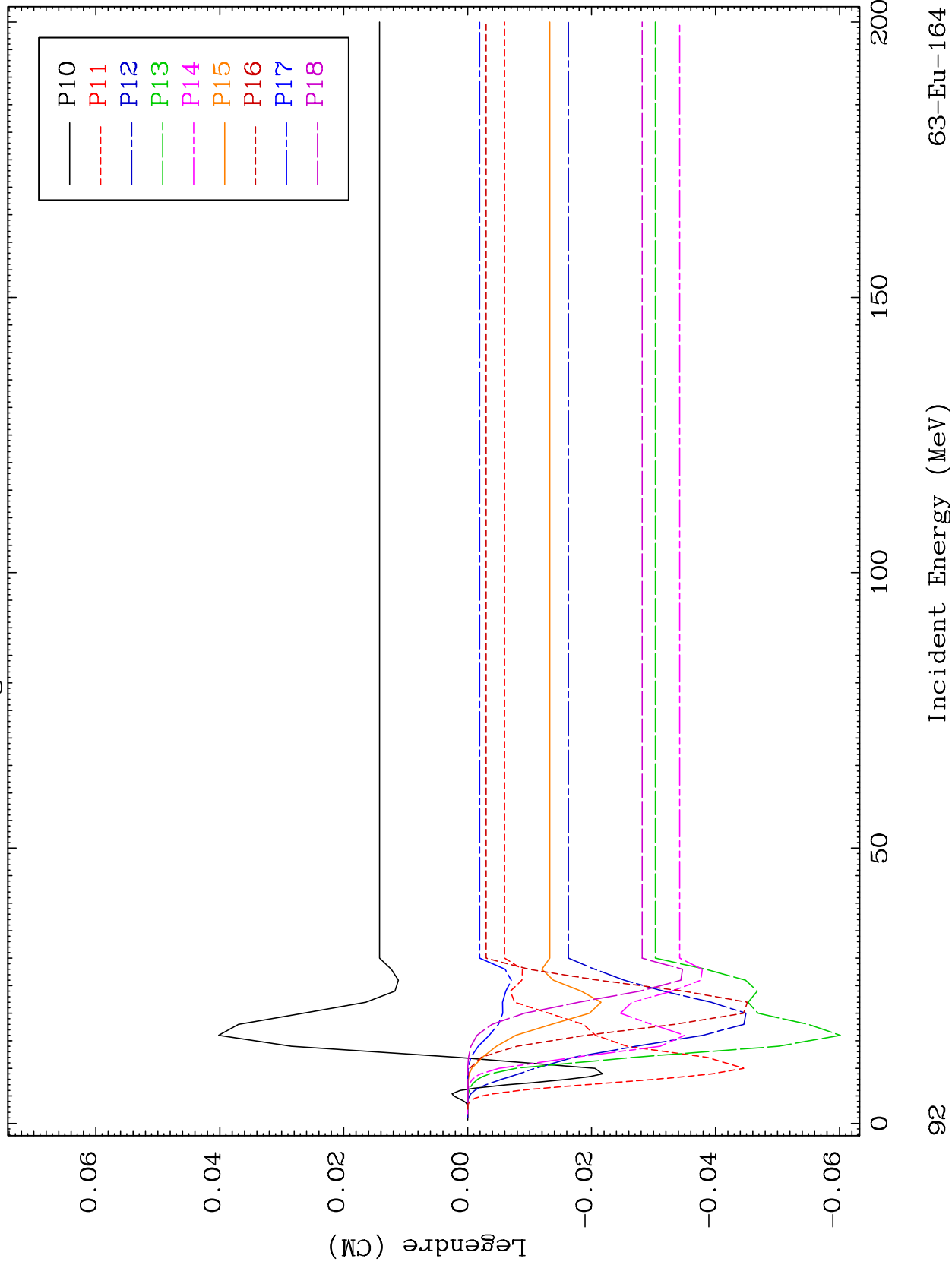
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



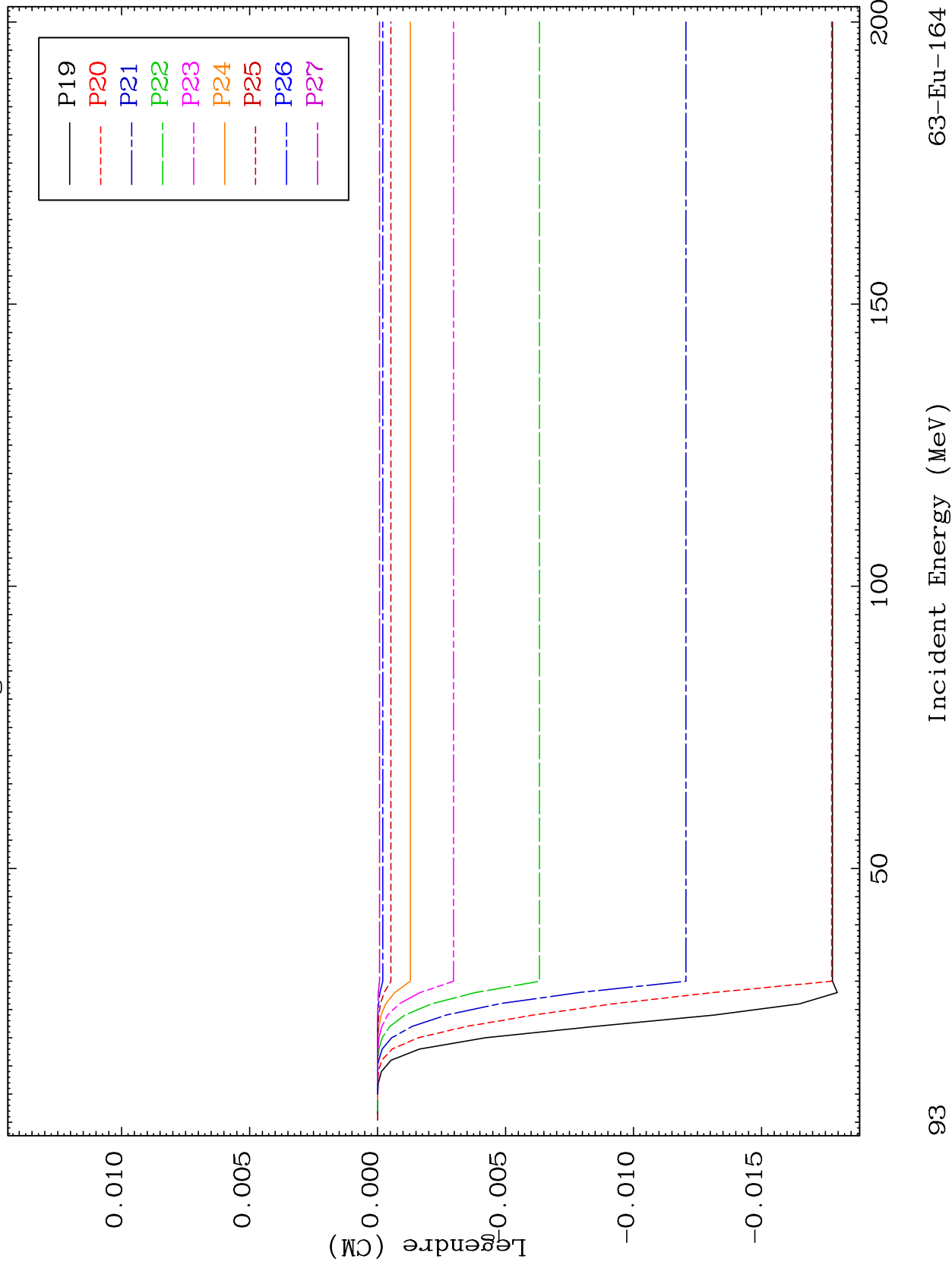
63-Eu-164

Incident Energy (MeV)

MAT 6364

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

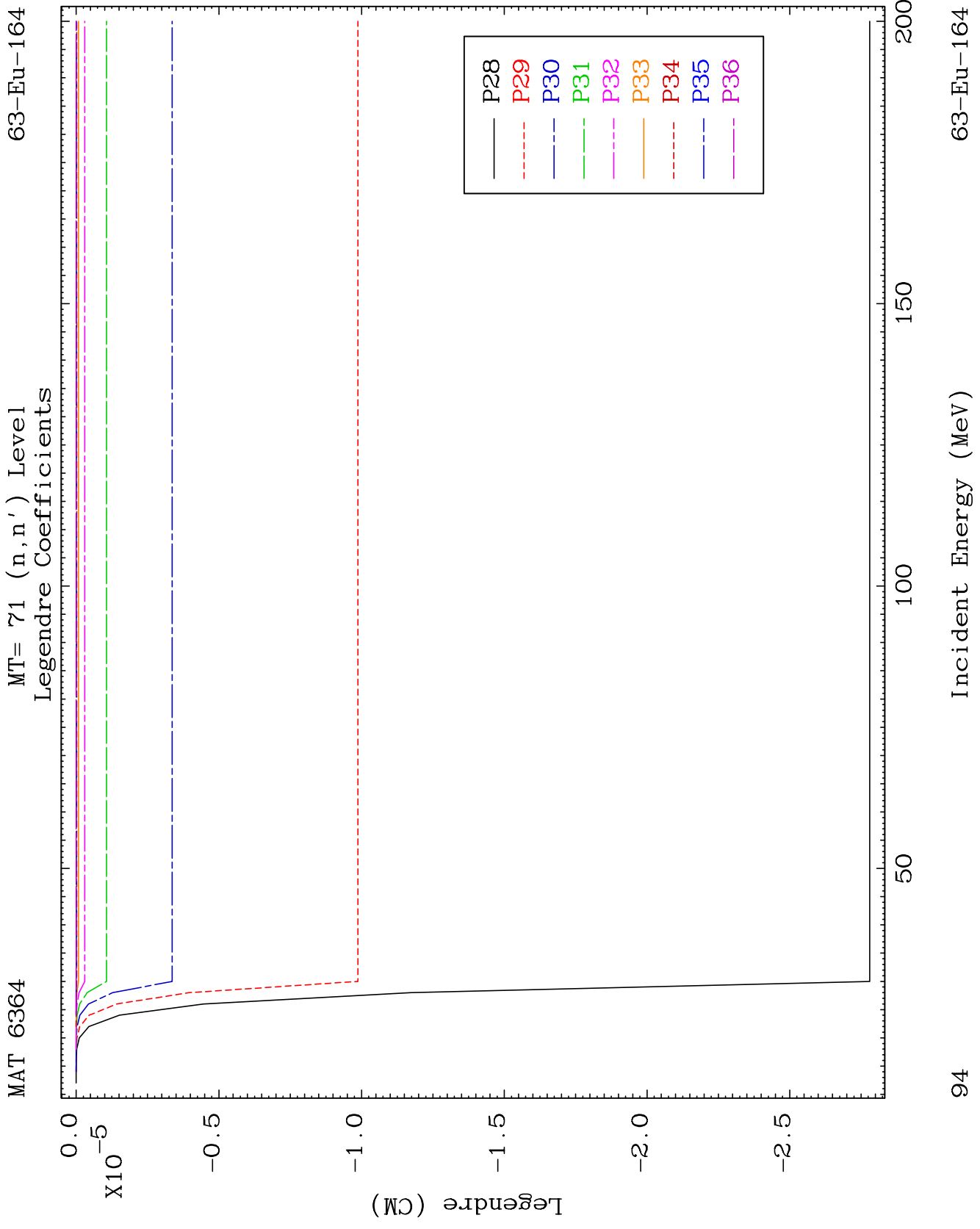
63-Eu-164



93

Incident Energy (MeV)

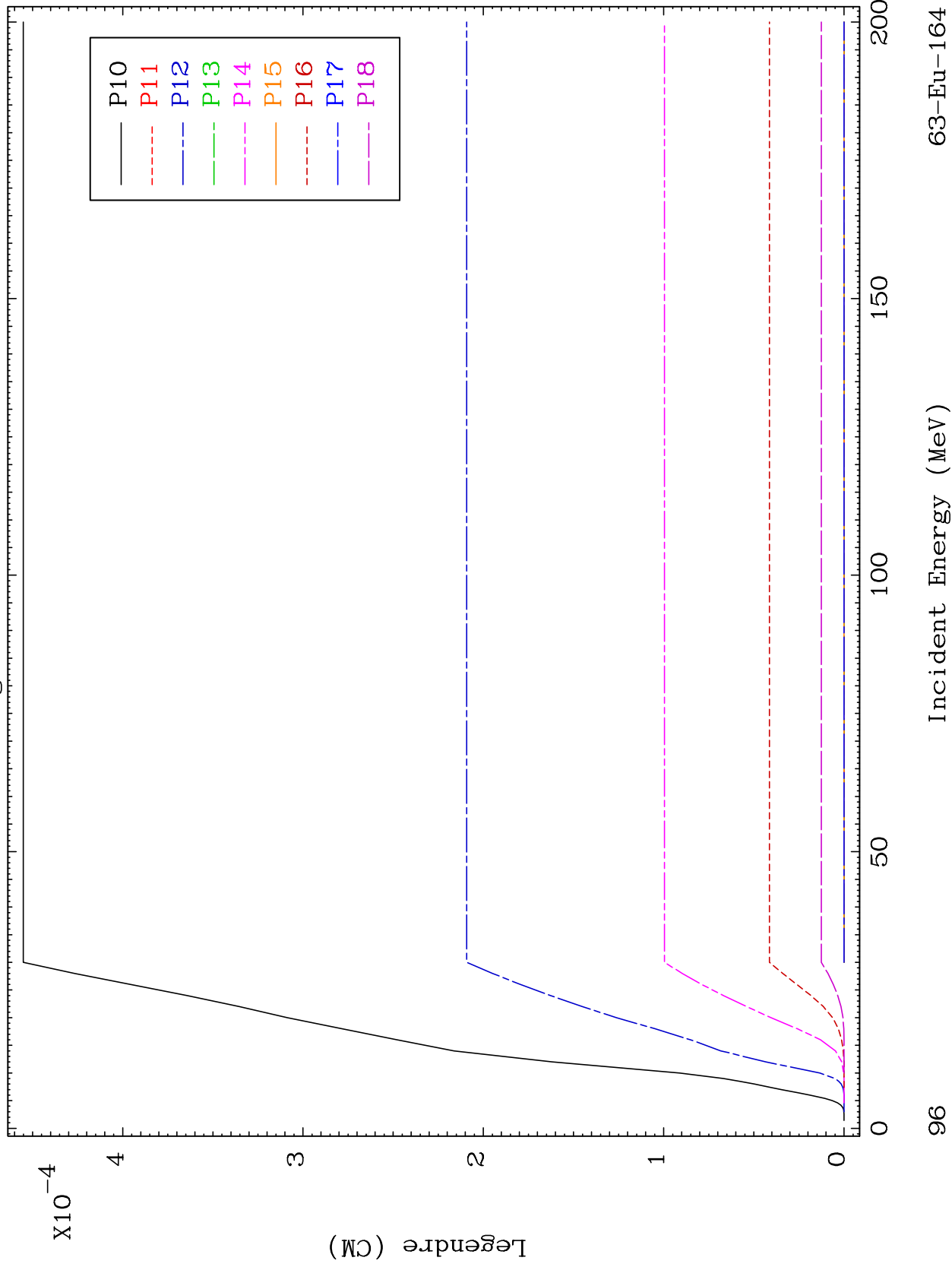
63-Eu-164



MAT 6364

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

63-Eu-164



96

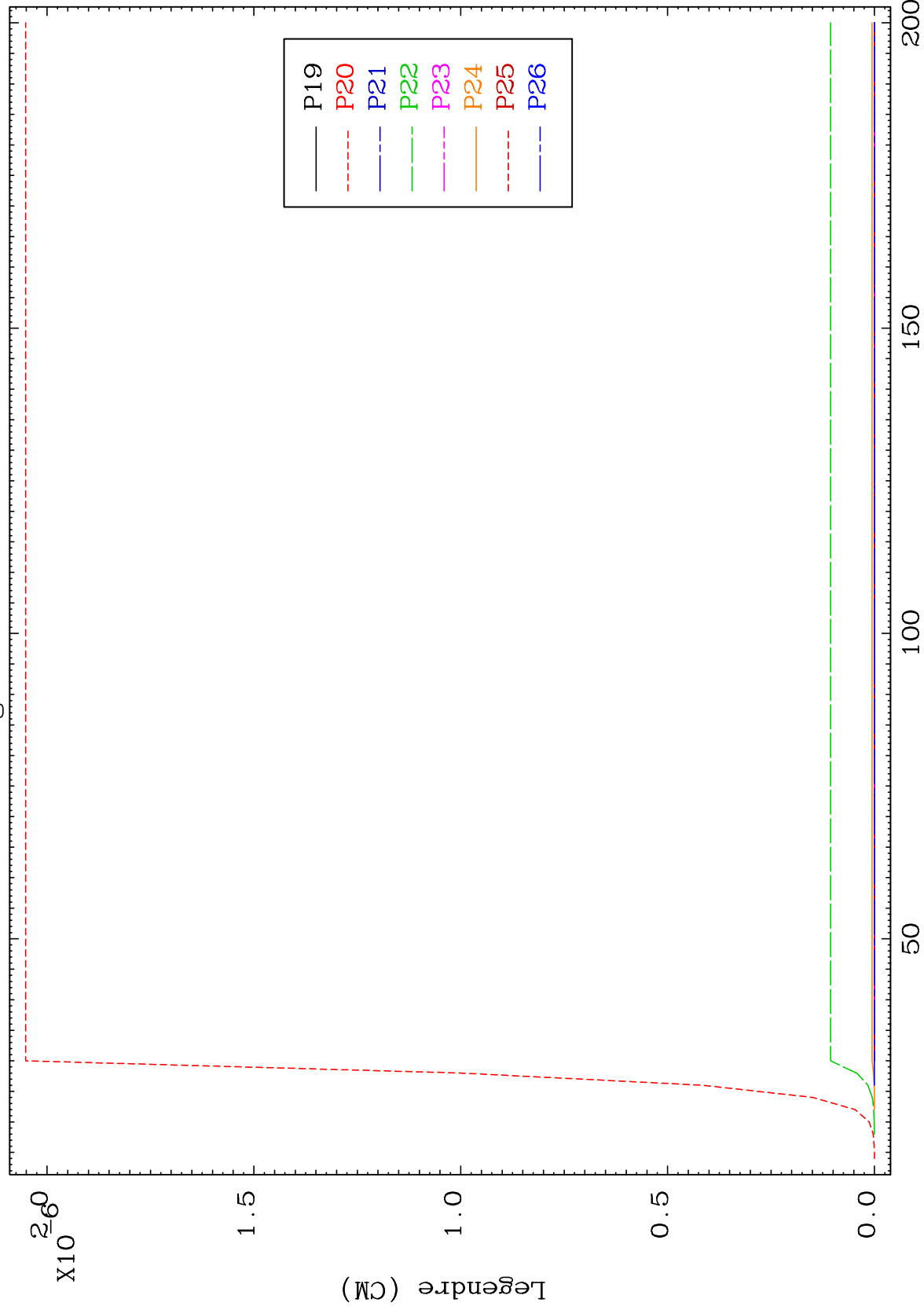
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

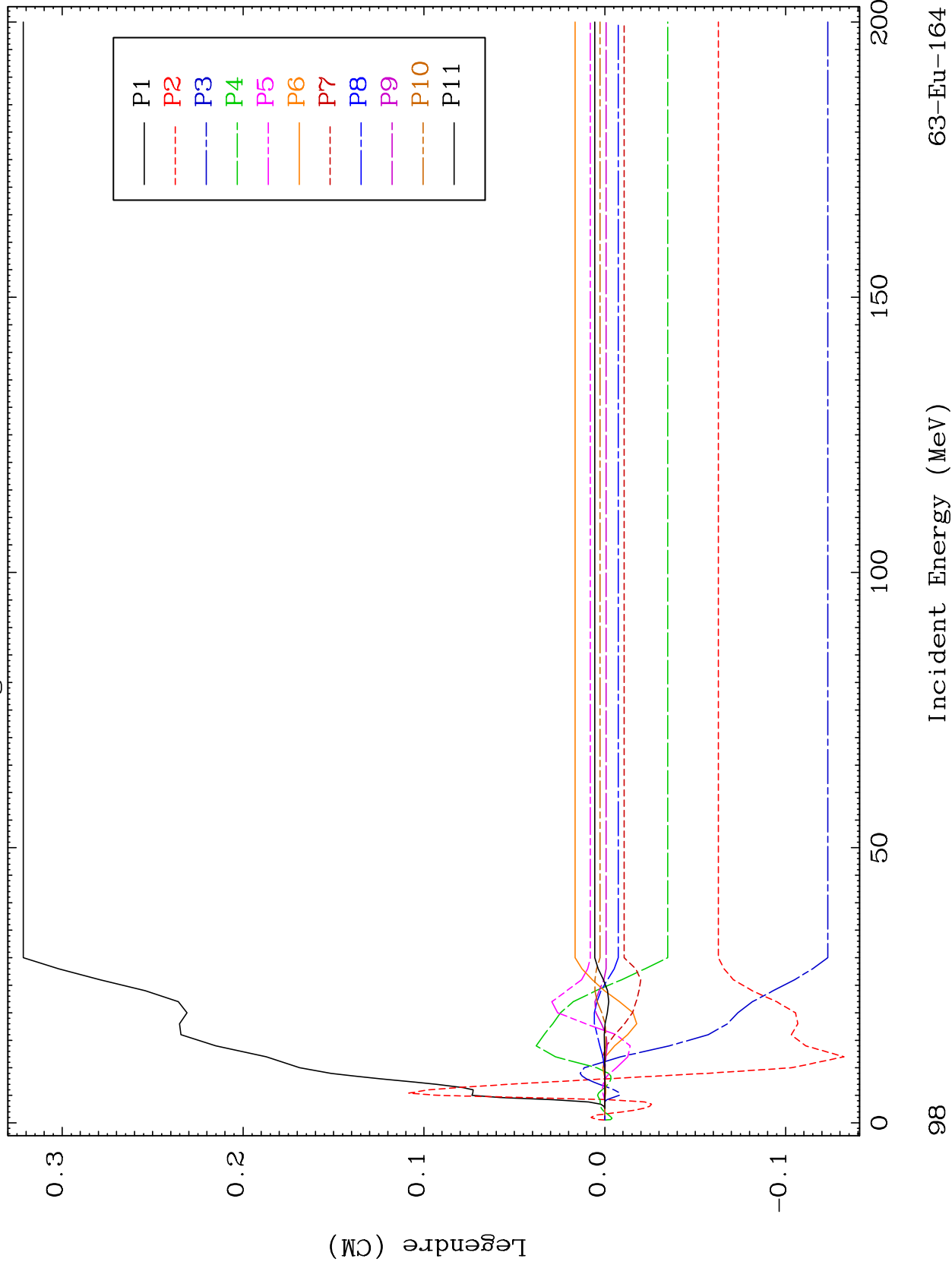
Incident Energy (MeV)

97

MAT 6364

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

63-Eu-164



63-Eu-164

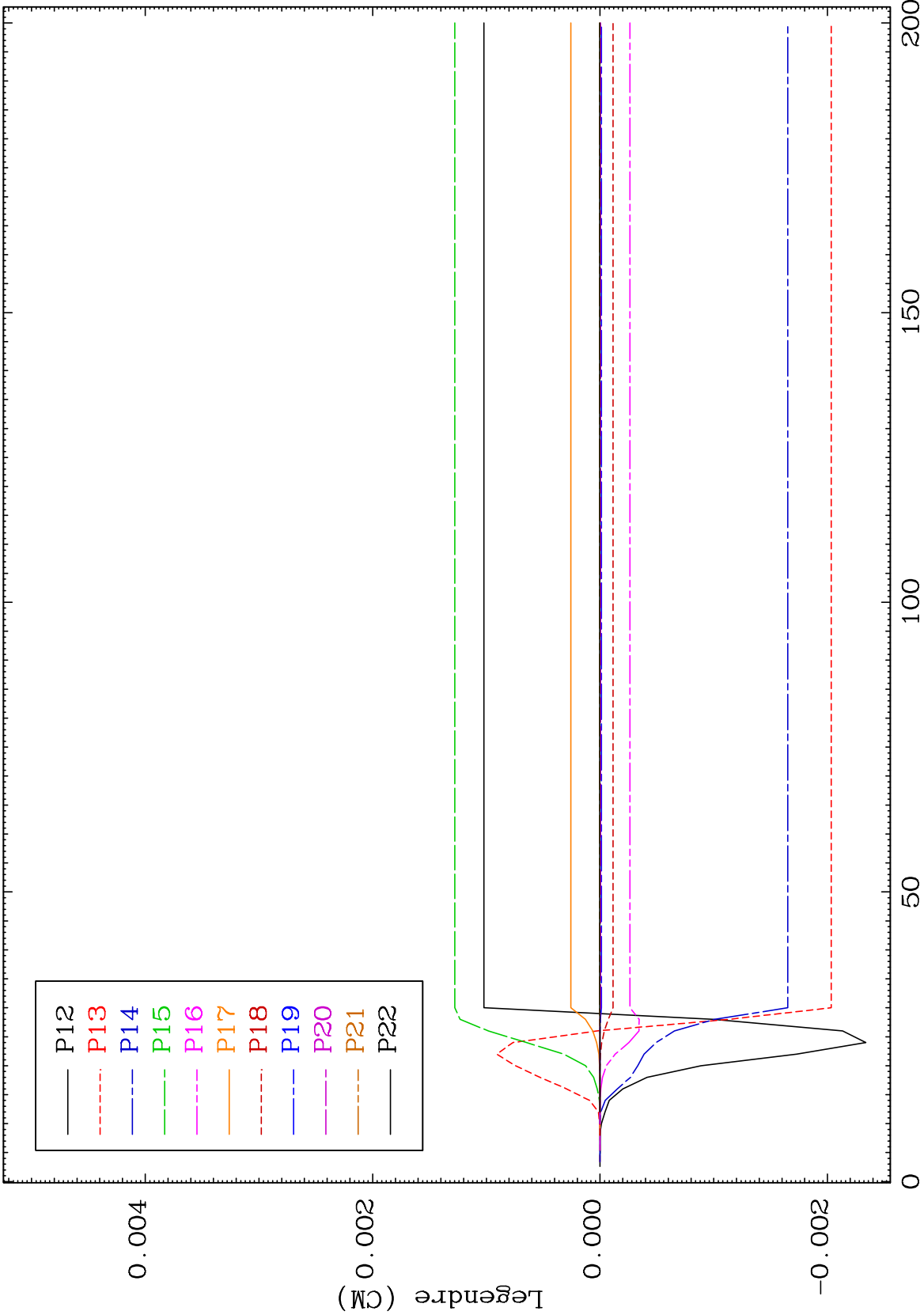
Incident Energy (MeV)

98

MAT 6364

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

63-Eu-164



99

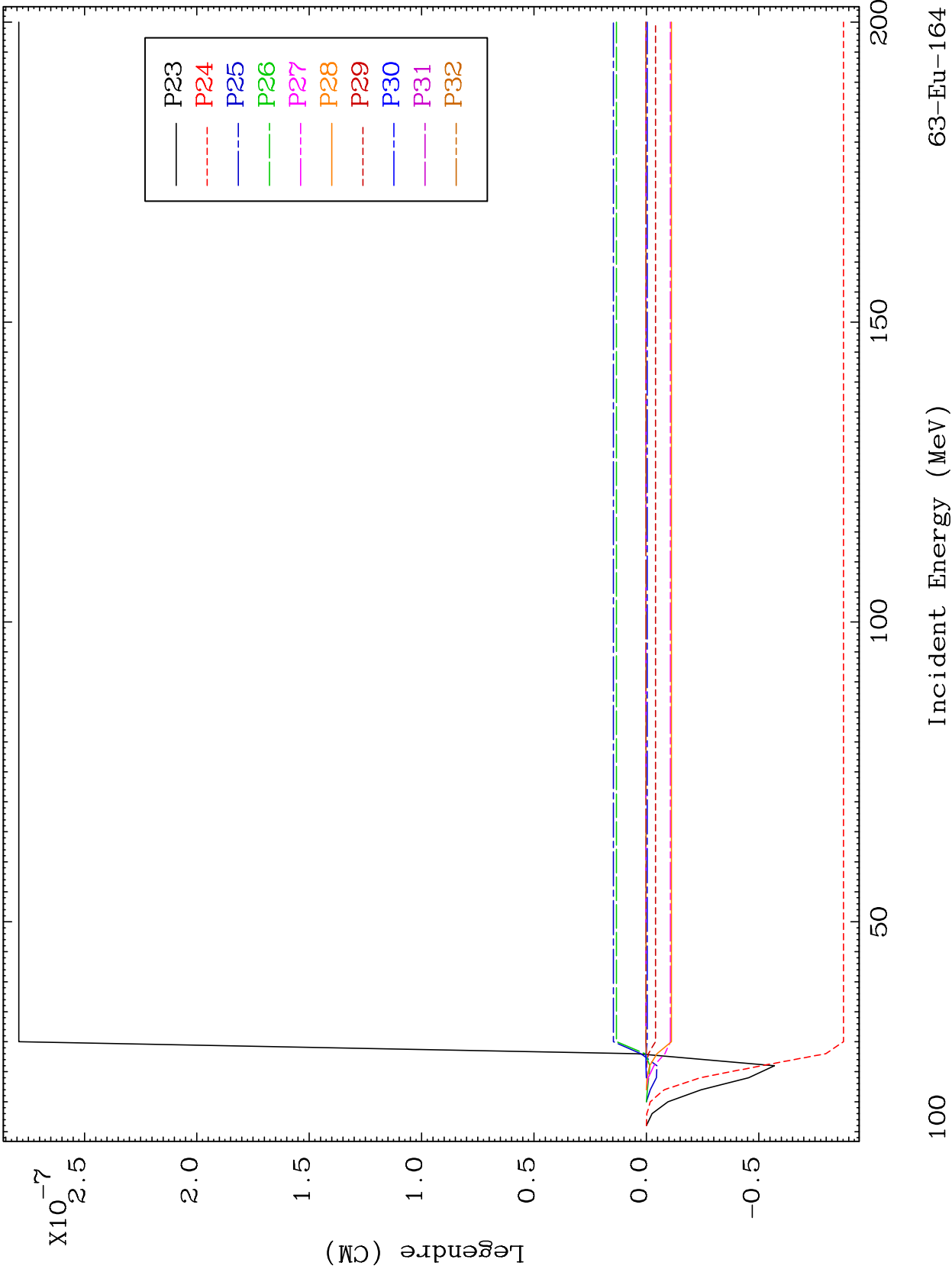
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



63-Eu-164

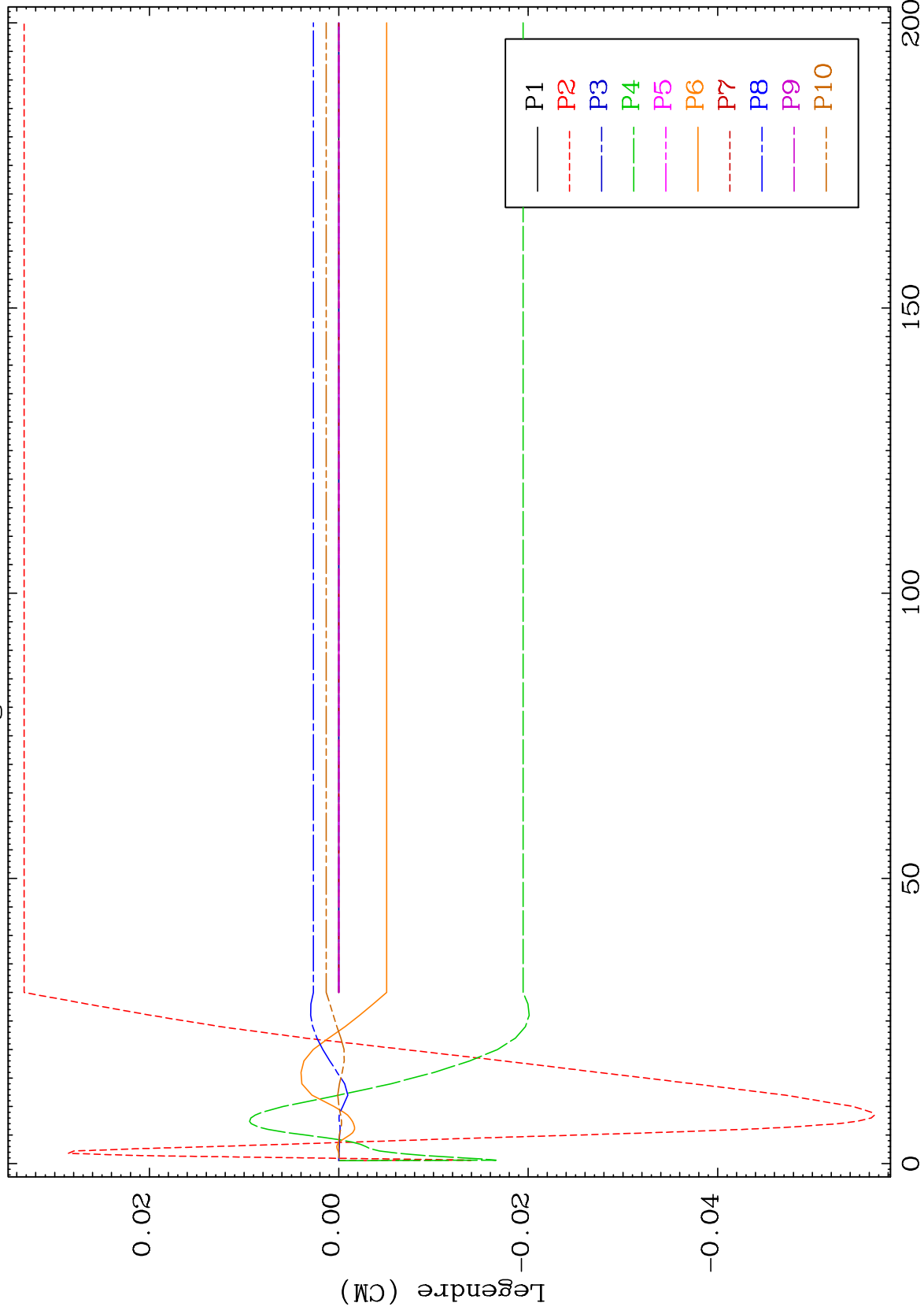
Incident Energy (MeV)

100

MAT 6364

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

63-Eu-164



63-Eu-164

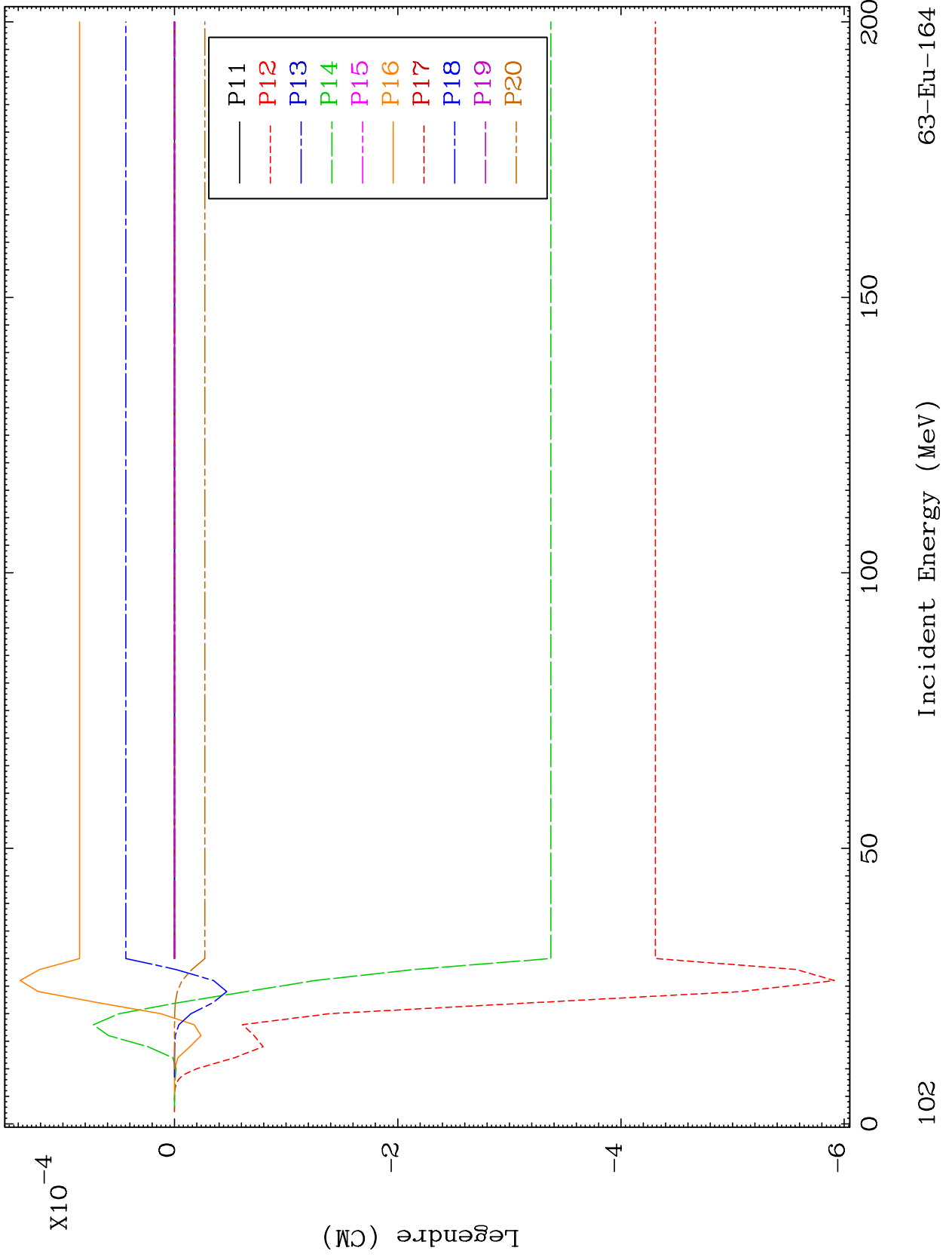
Incident Energy (MeV)

101

MAT 6364

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

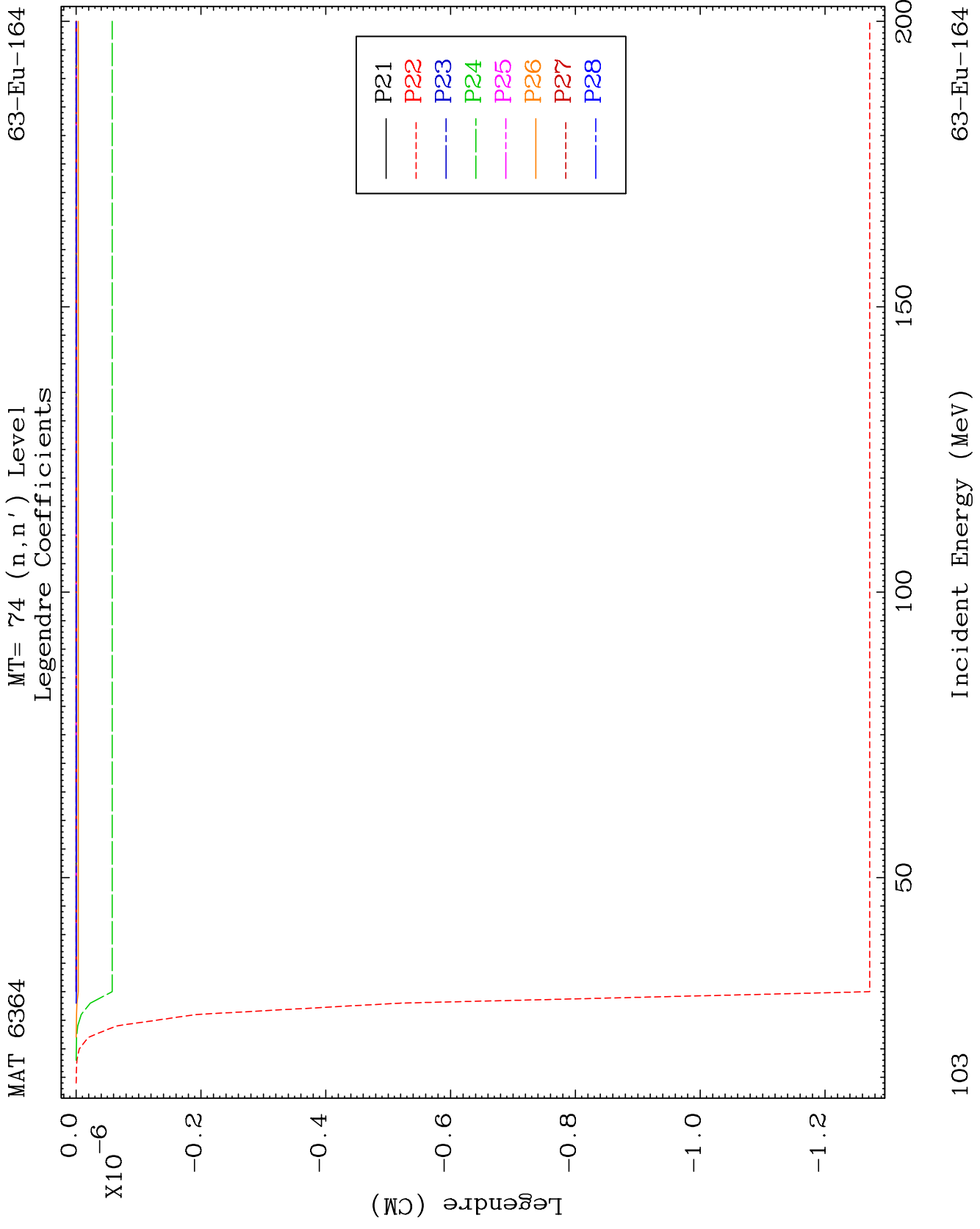
63-Eu-164



63-Eu-164

Incident Energy (MeV)

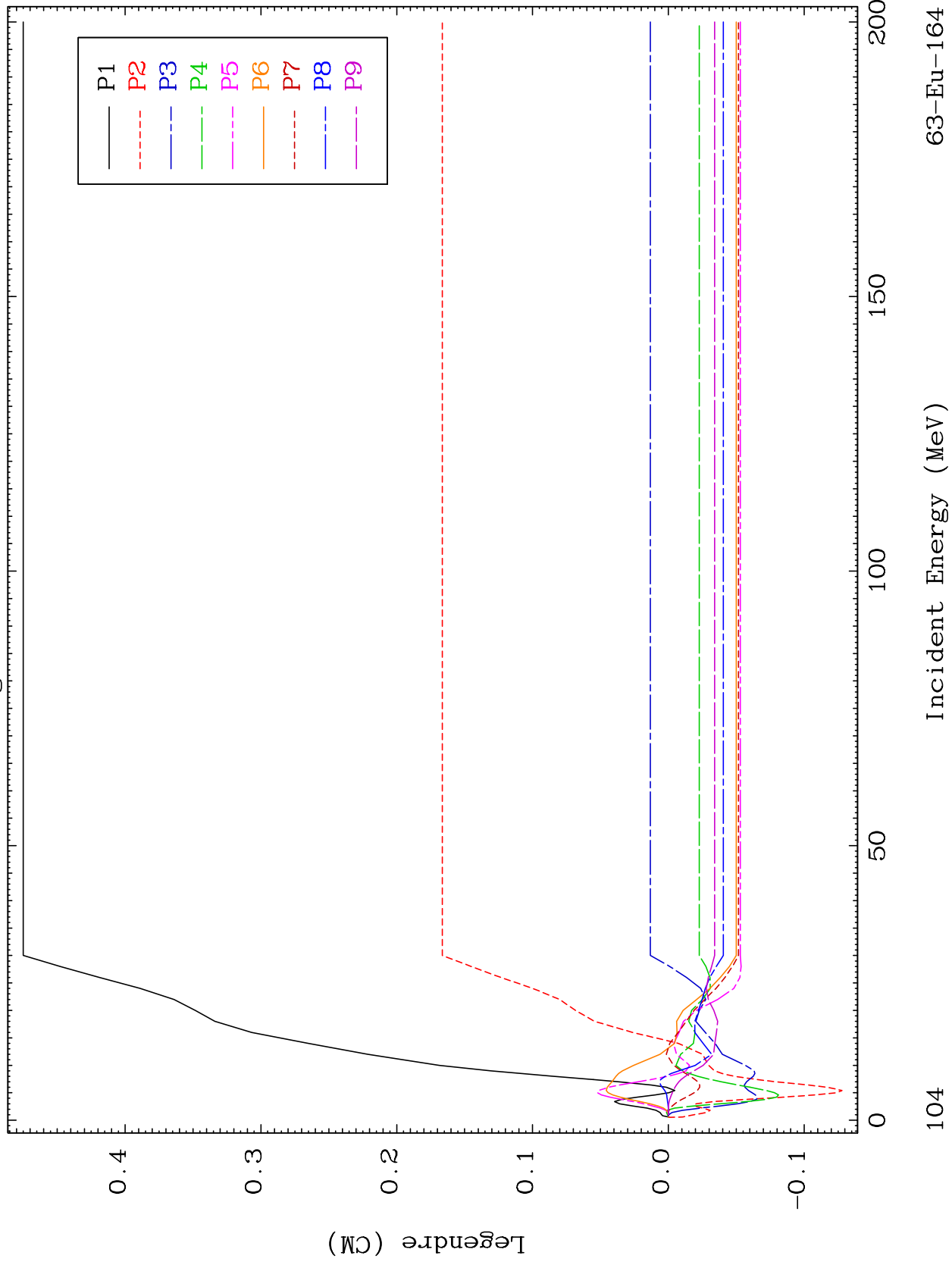
102



MAT 6364

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

63-Eu-164



63-Eu-164

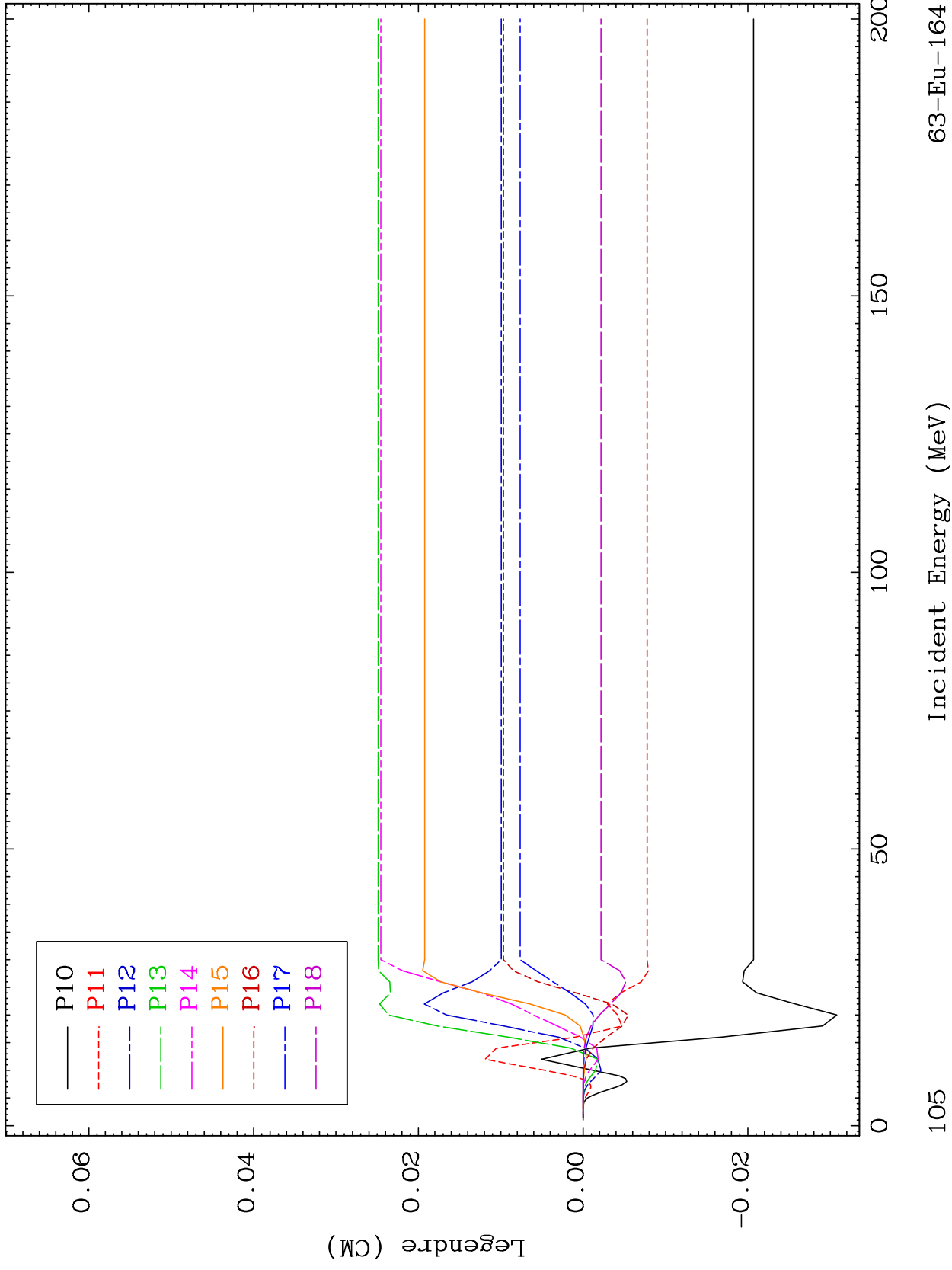
Incident Energy (MeV)

104

MAT 6364

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

63-Eu-164



63-Eu-164

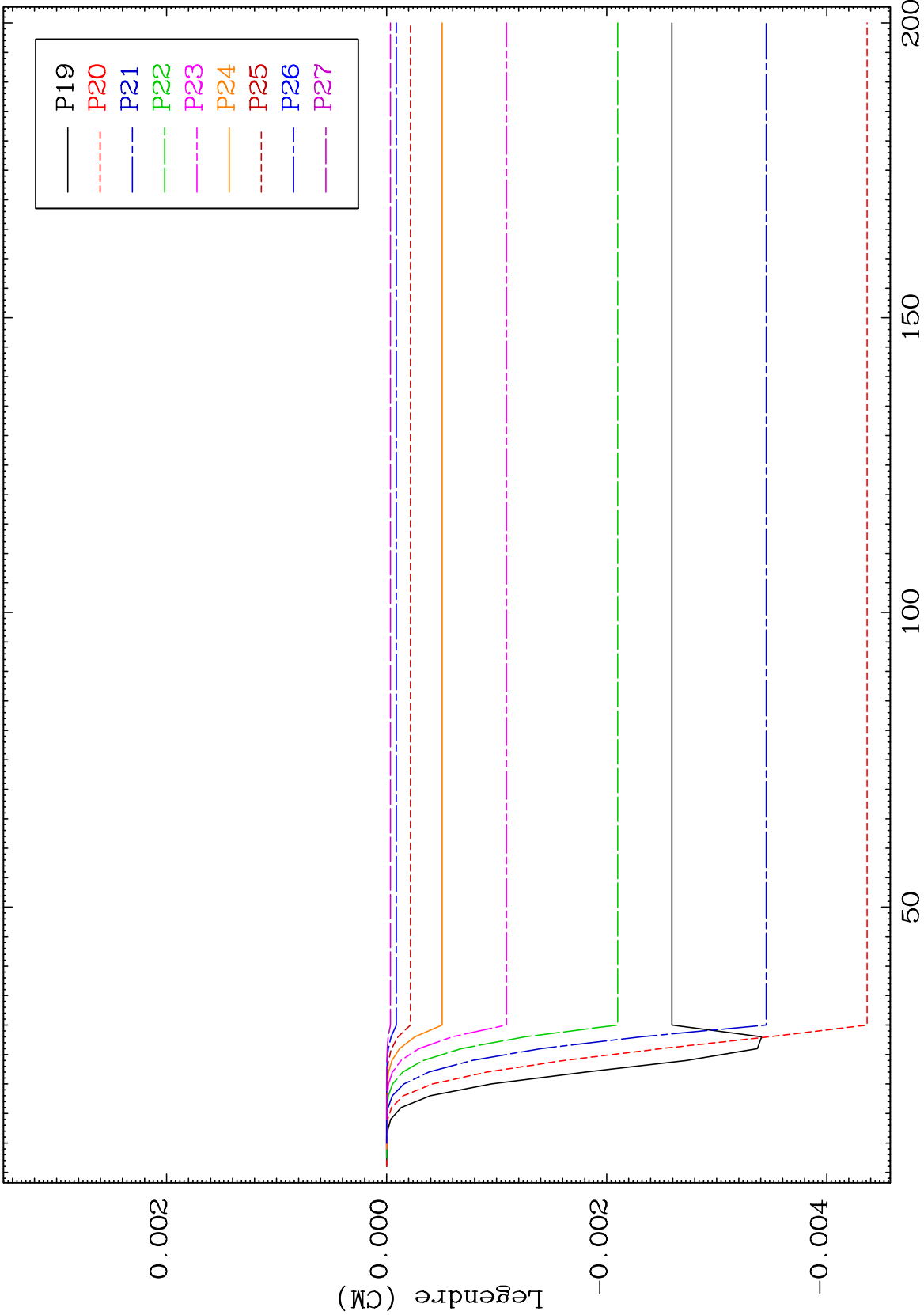
Incident Energy (MeV)

105

MAT 6364

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

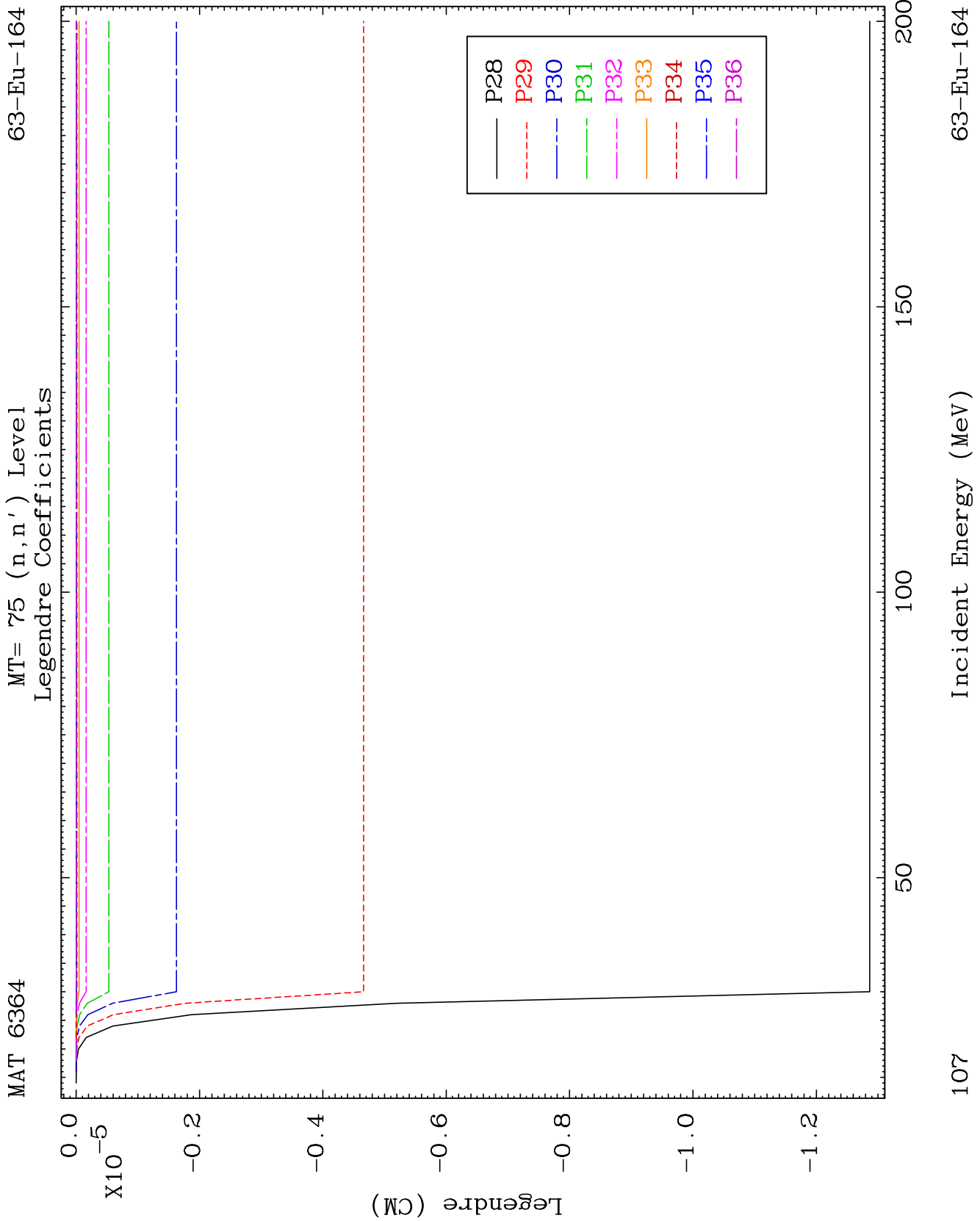
63-Eu-164



106

Incident Energy (MeV)

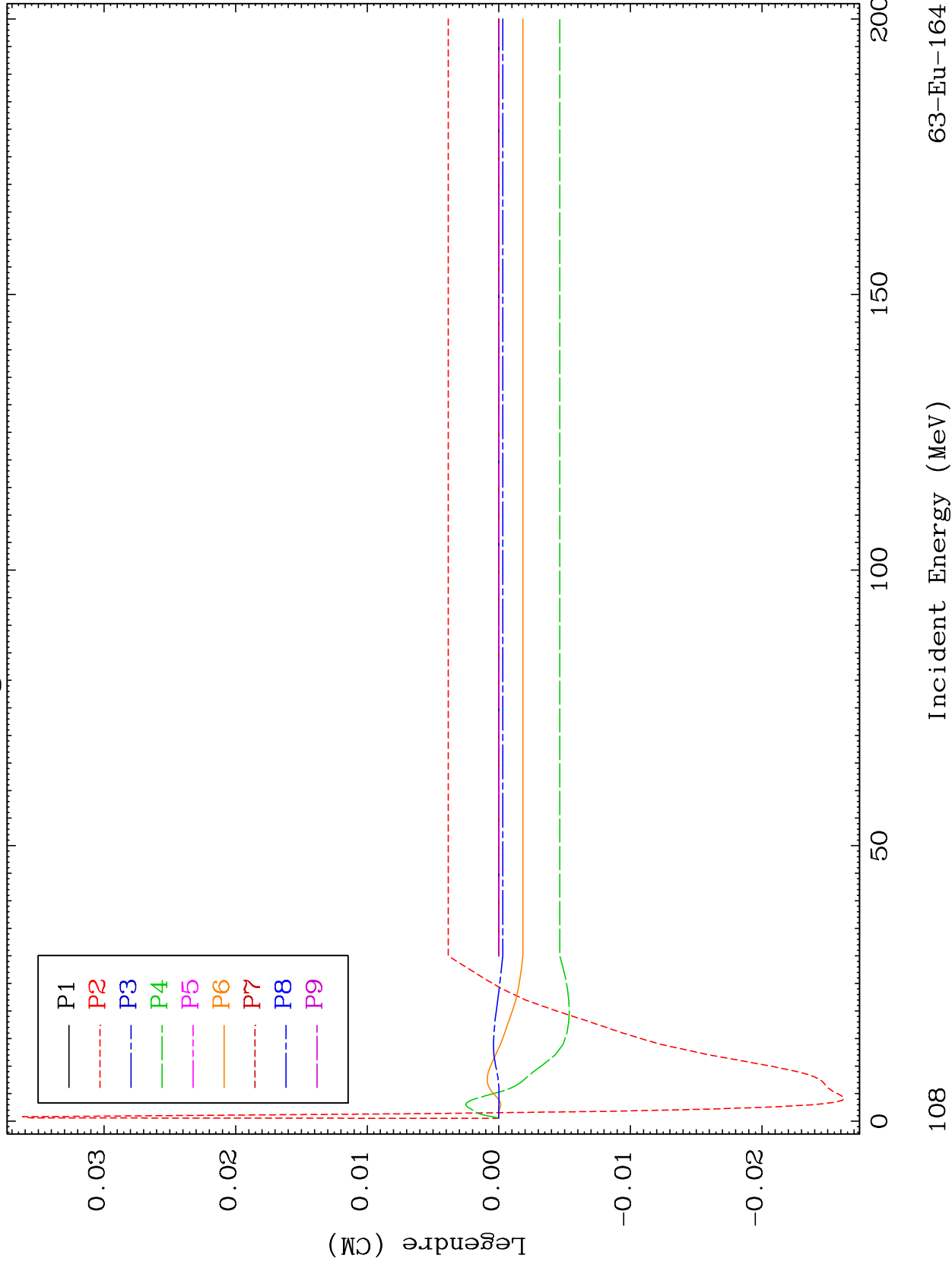
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

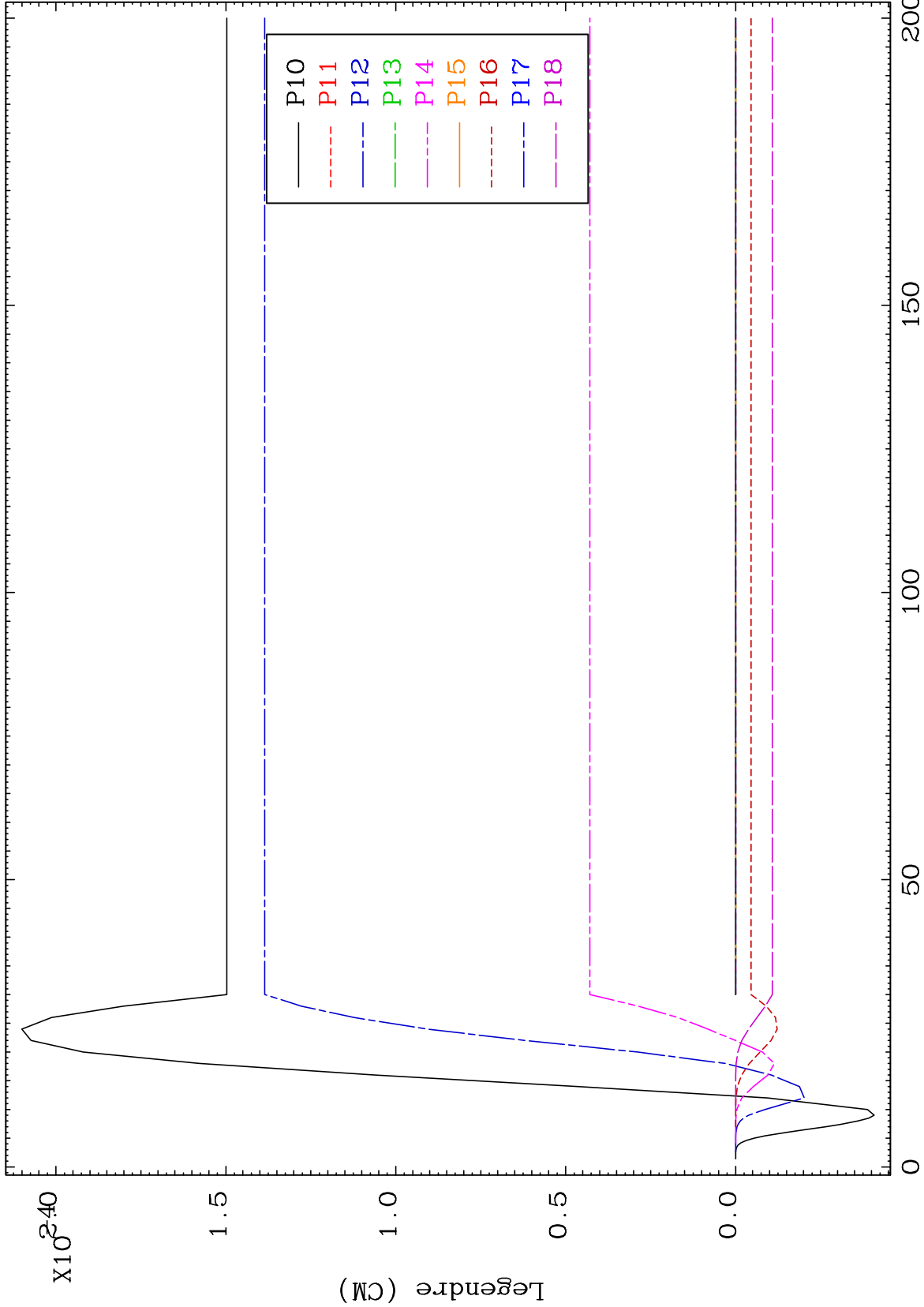
Incident Energy (MeV)

108

MAT 6364

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

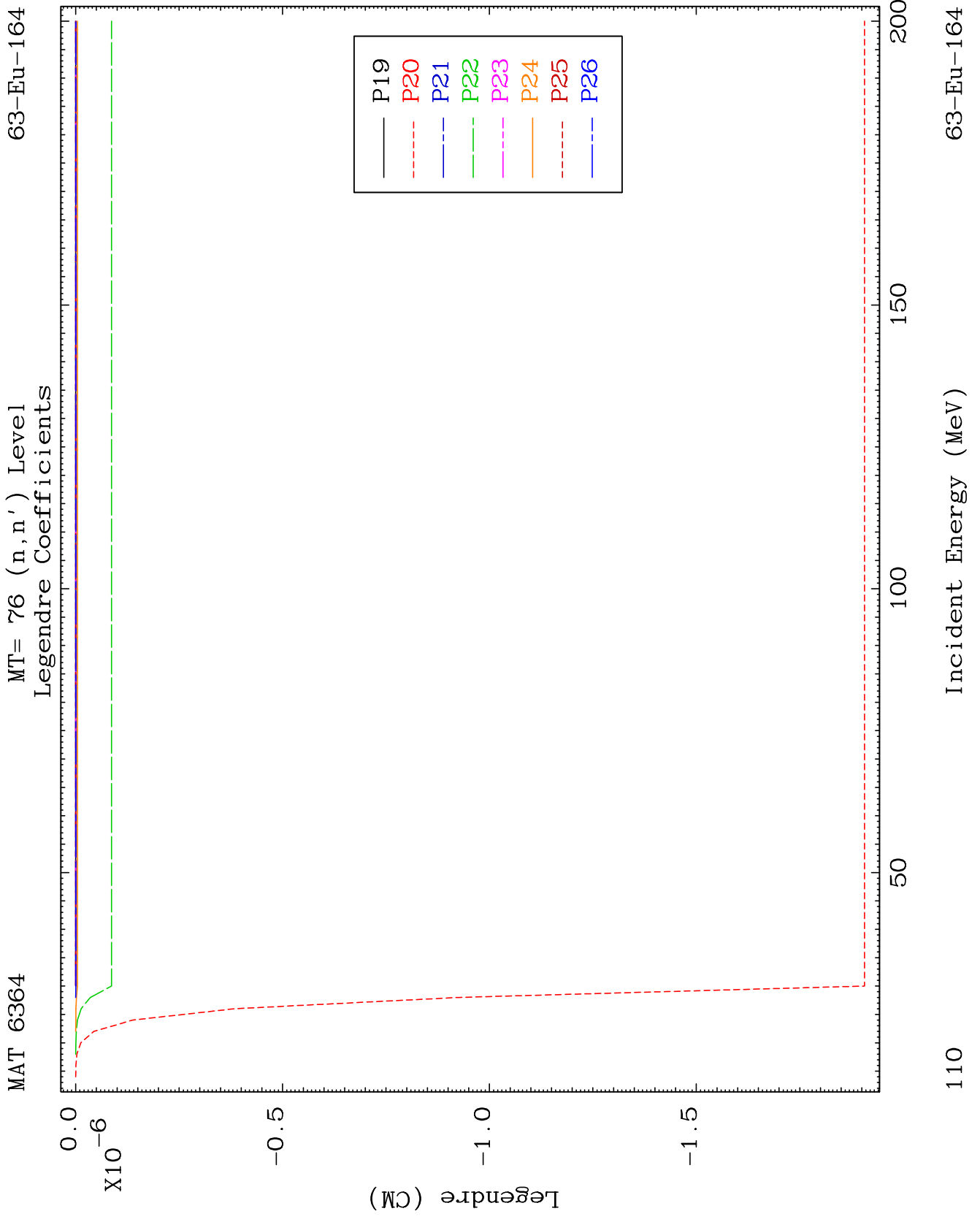
63-Eu-164



109

Incident Energy (MeV)

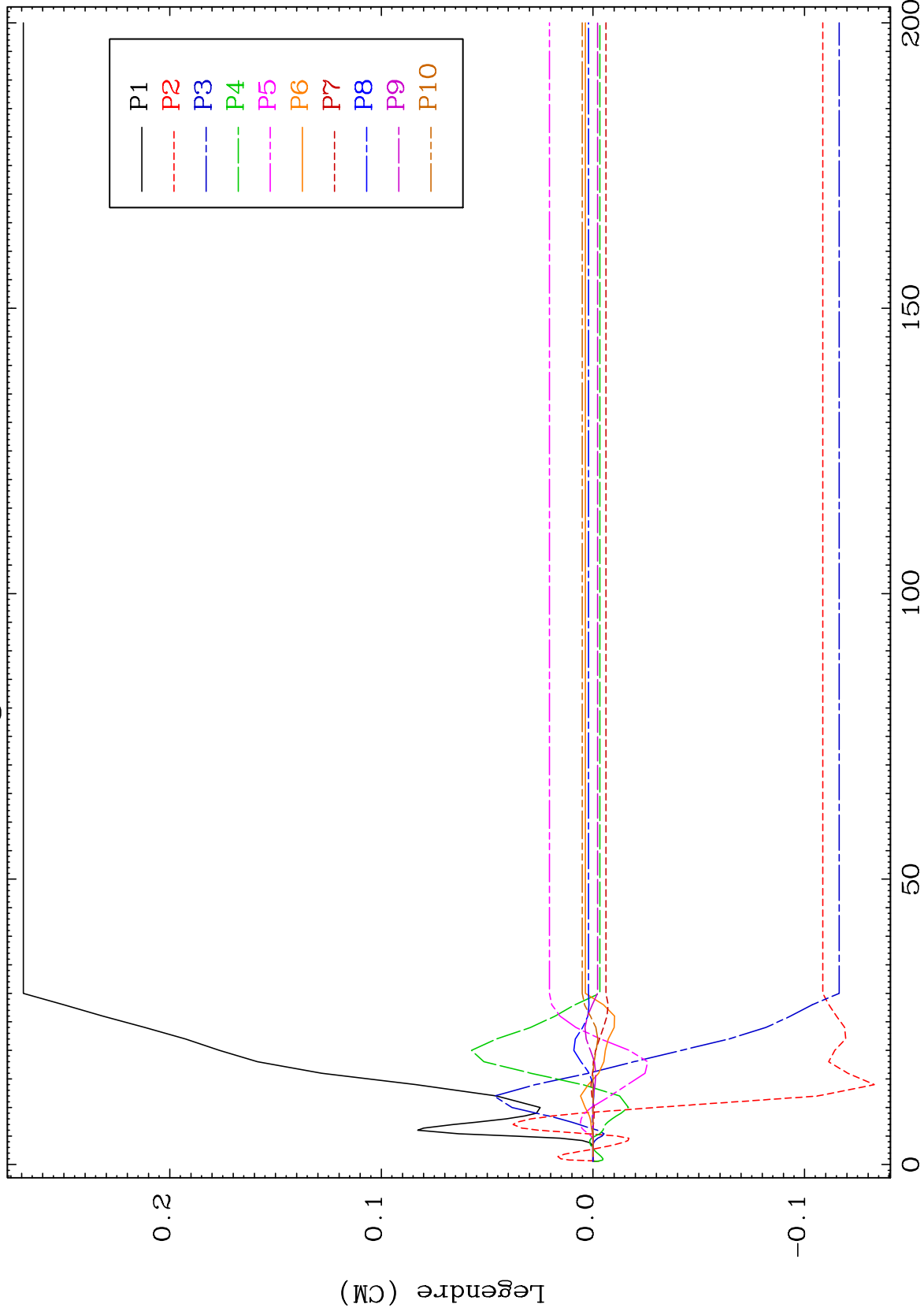
63-Eu-164



MAT 6364

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

63-Eu-164



111

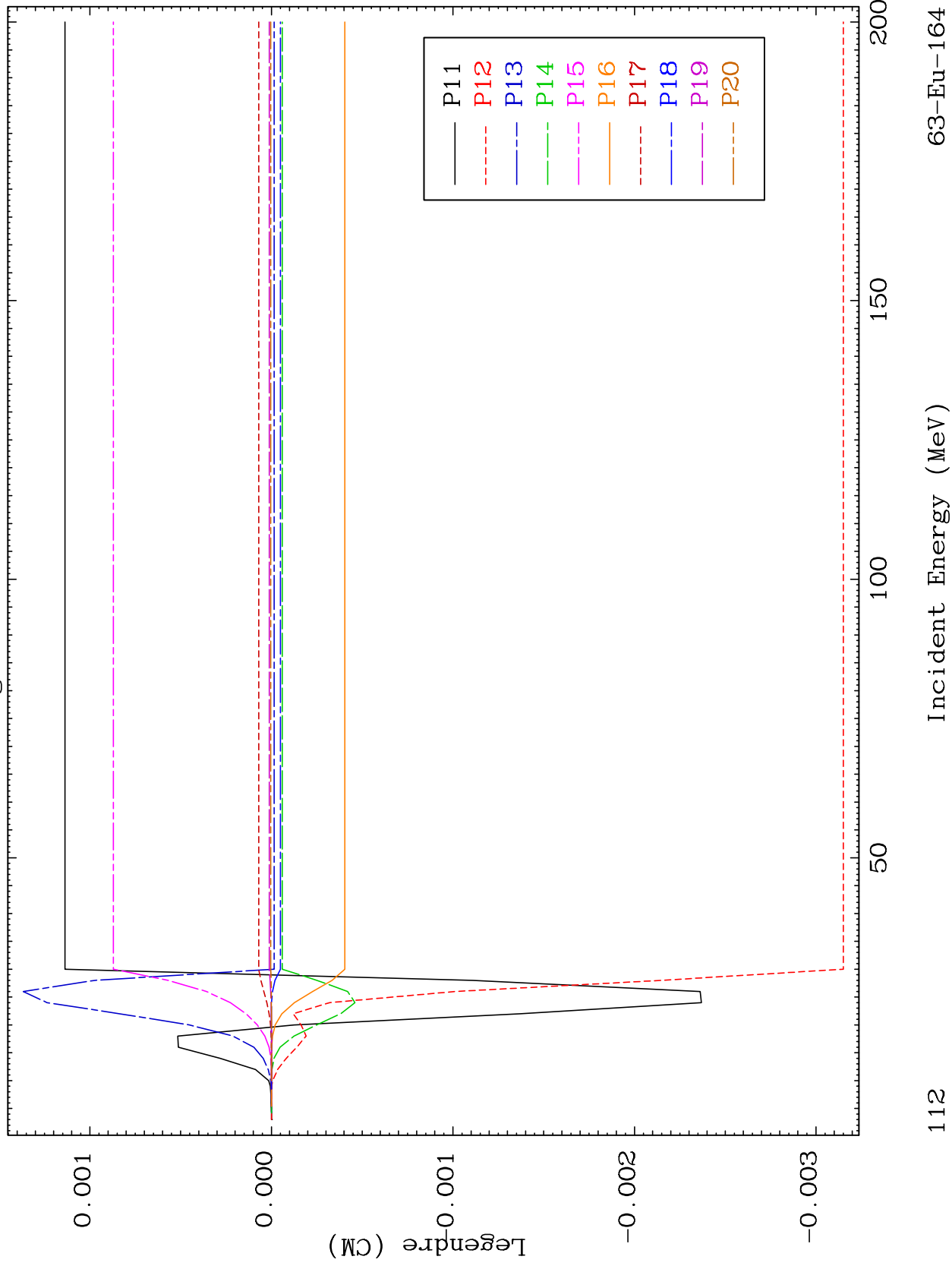
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

63-Eu-164



112

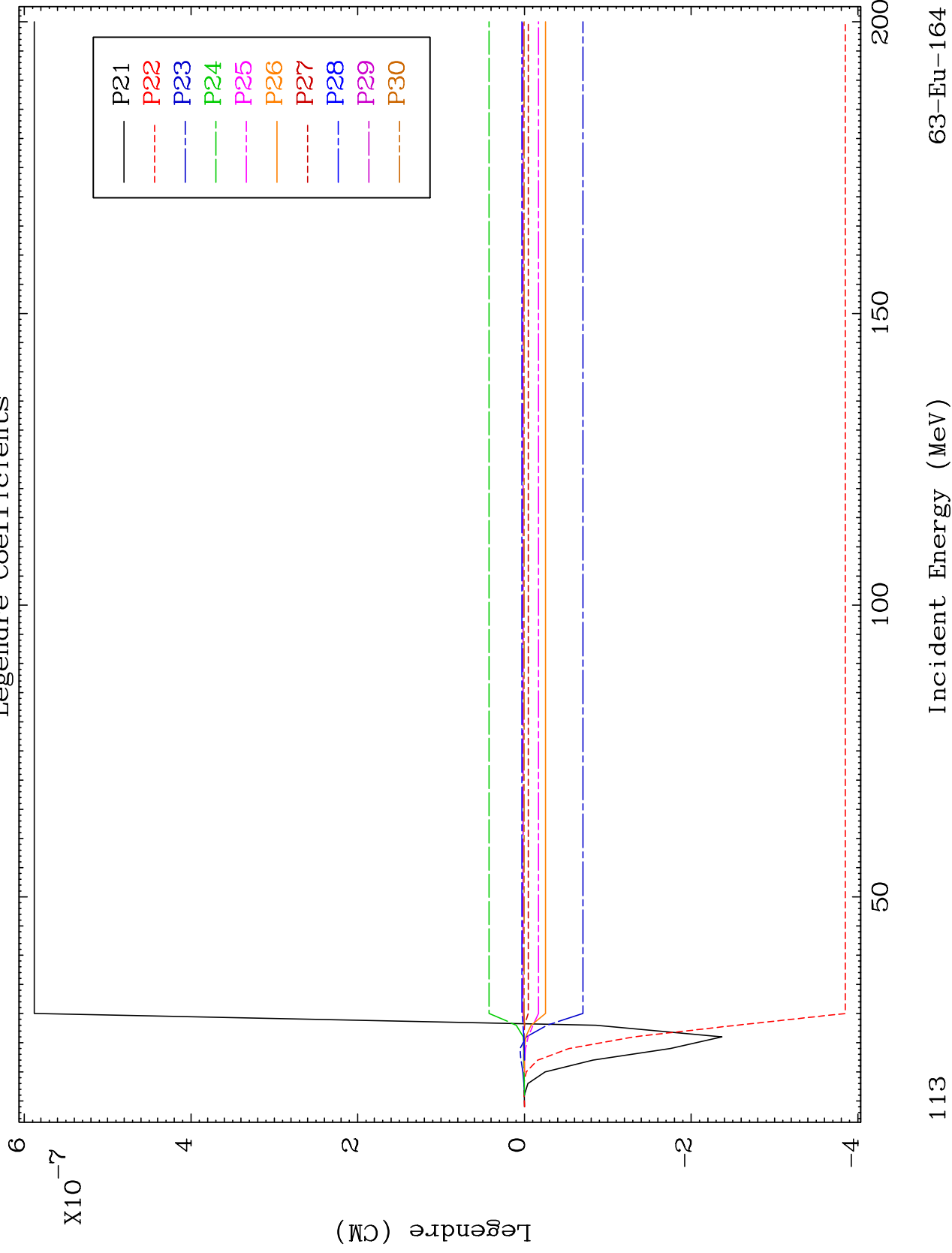
Incident Energy (MeV)

63-Eu-164

MAT 6364

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

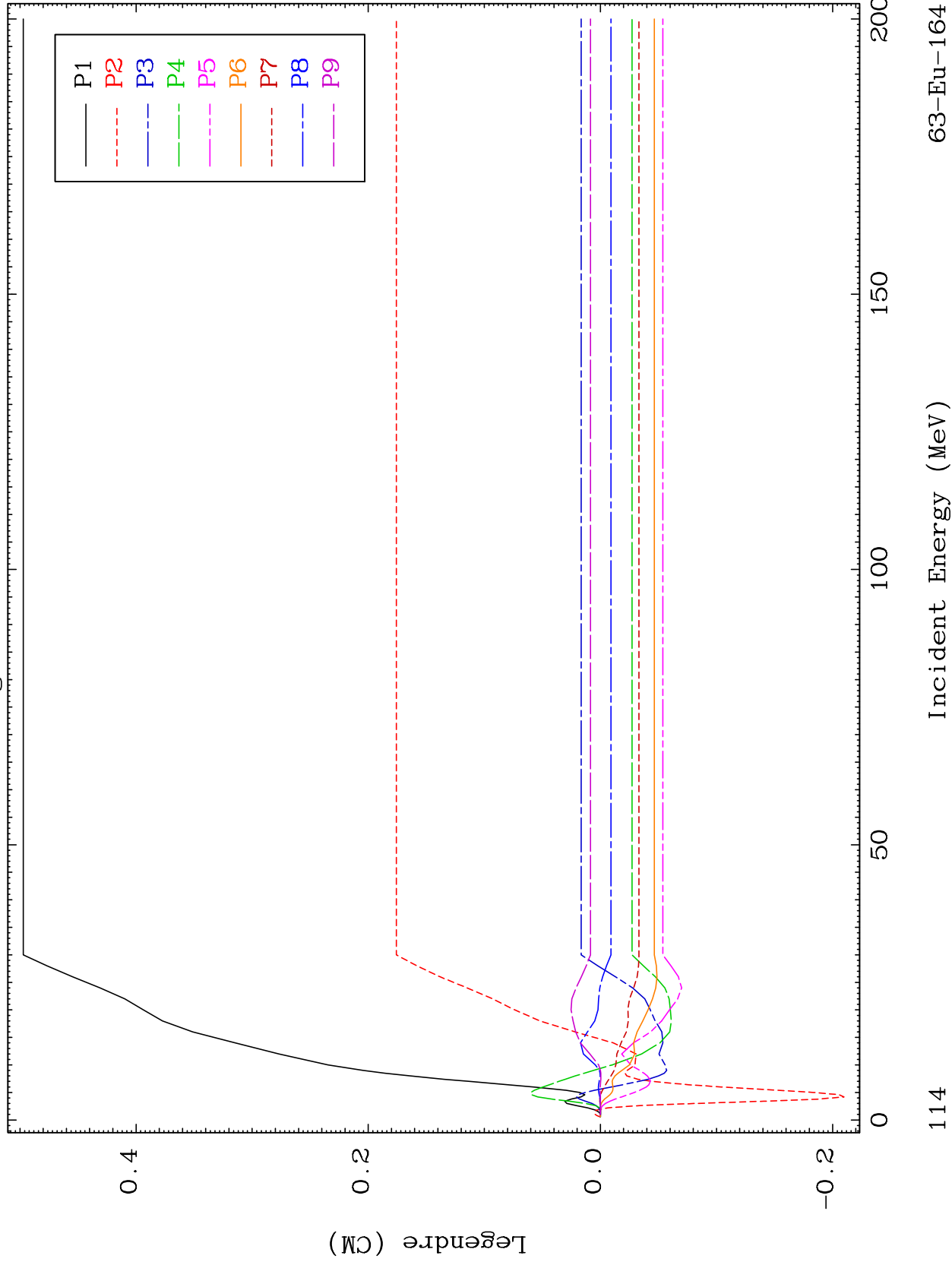
63-Eu-164



MAT 6364

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

63-Eu-164



63-Eu-164

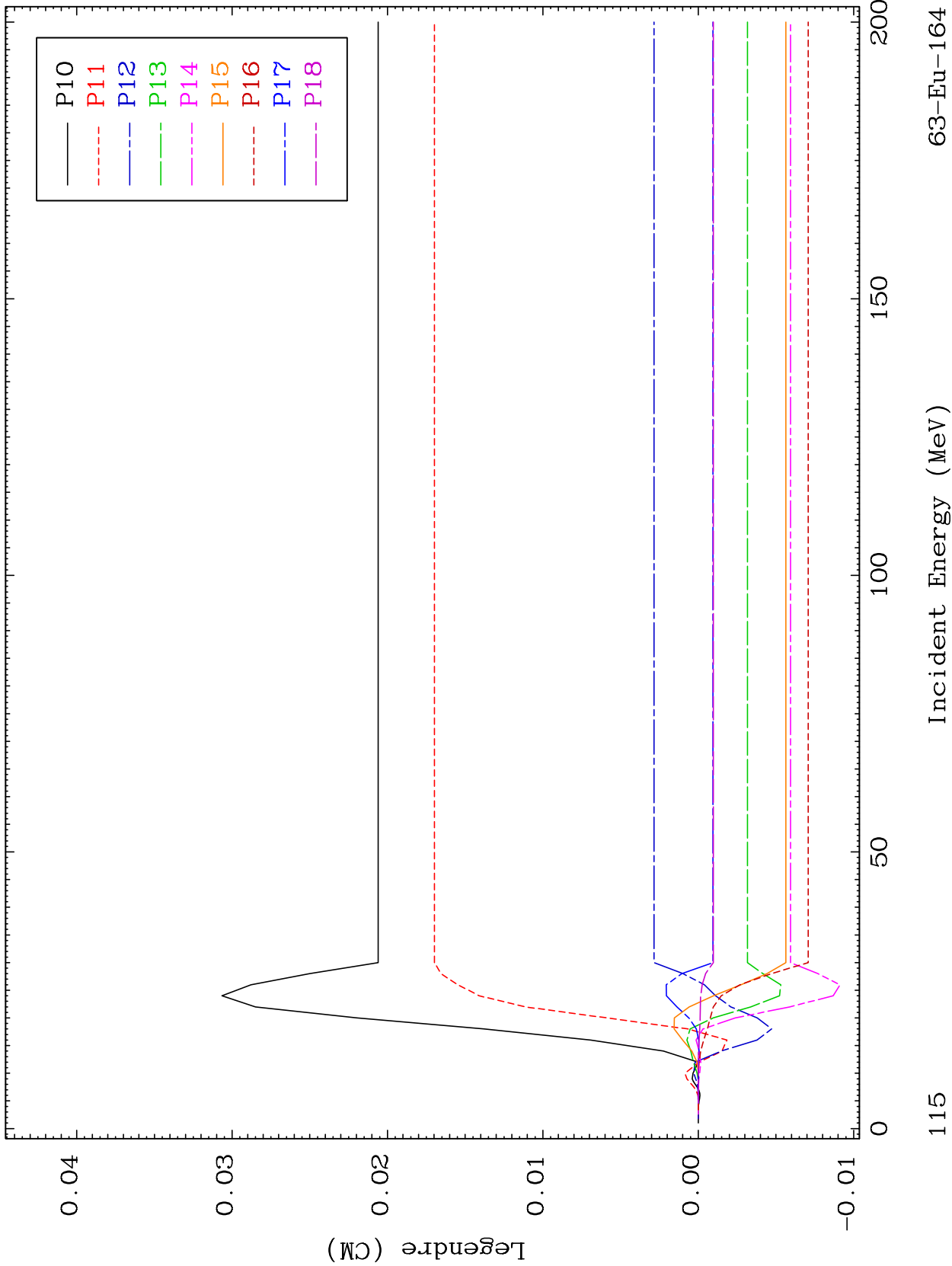
Incident Energy (MeV)

114

MAT 6364

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

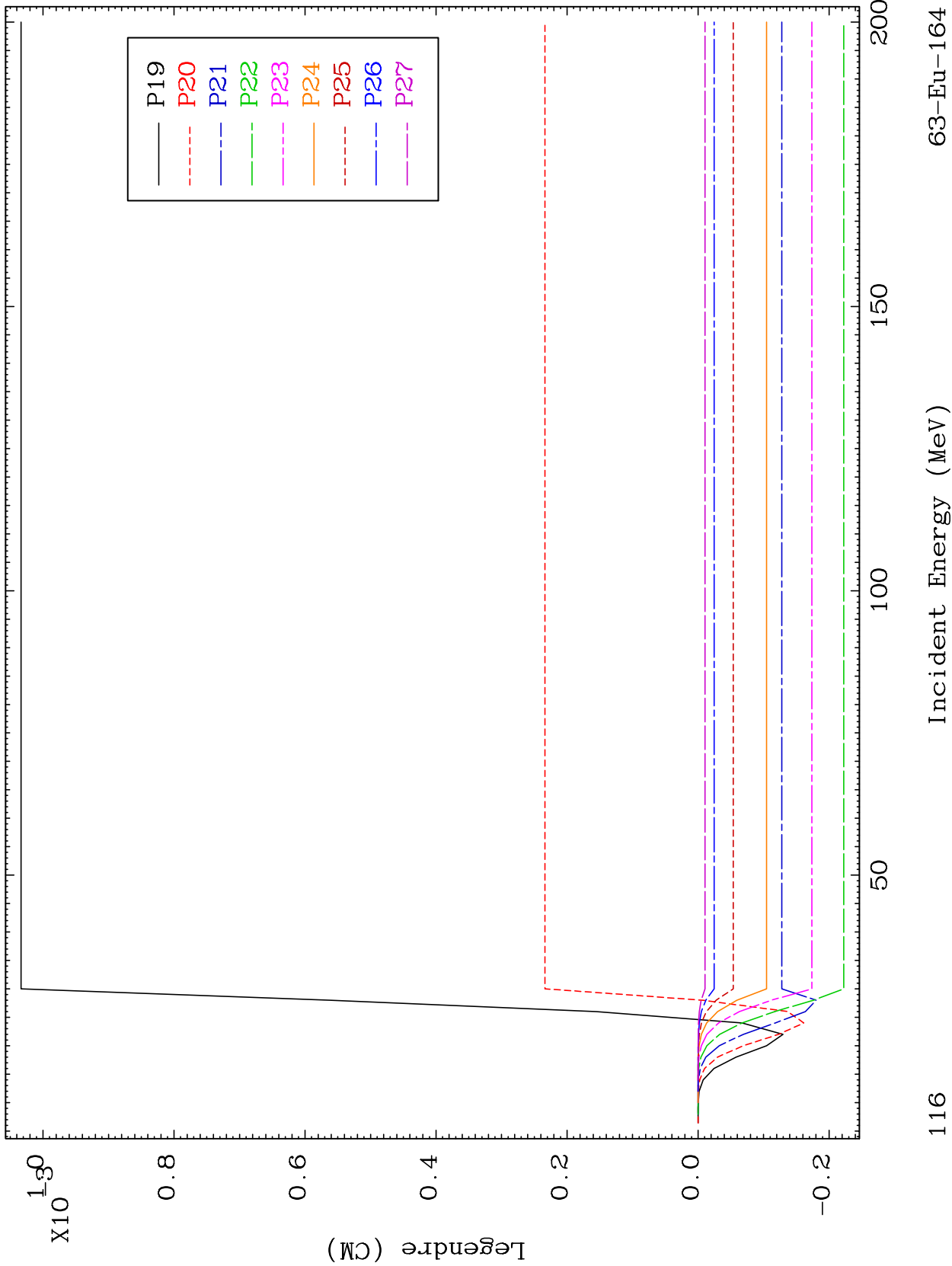
63-Eu-164

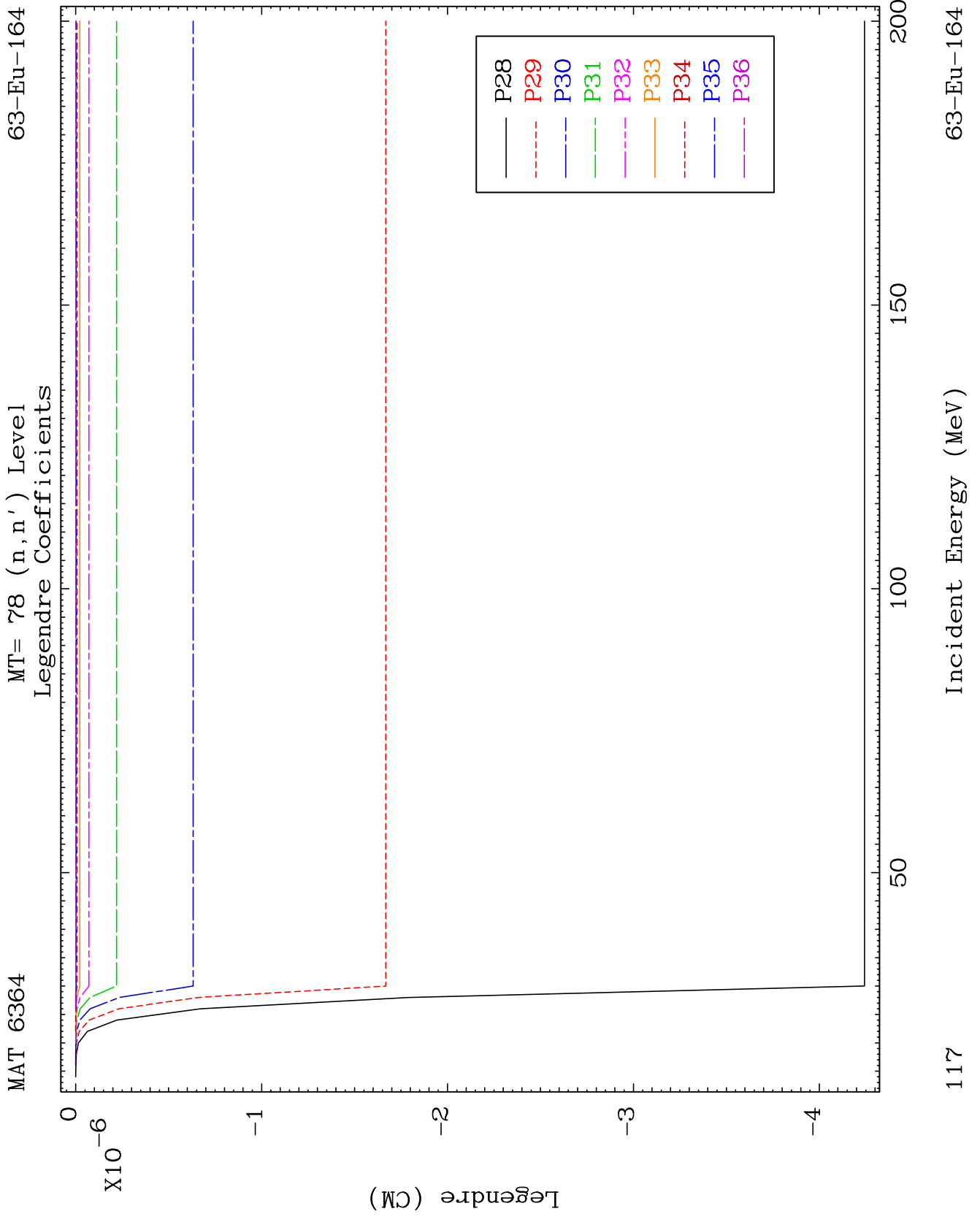


63-Eu-164

Incident Energy (MeV)

115

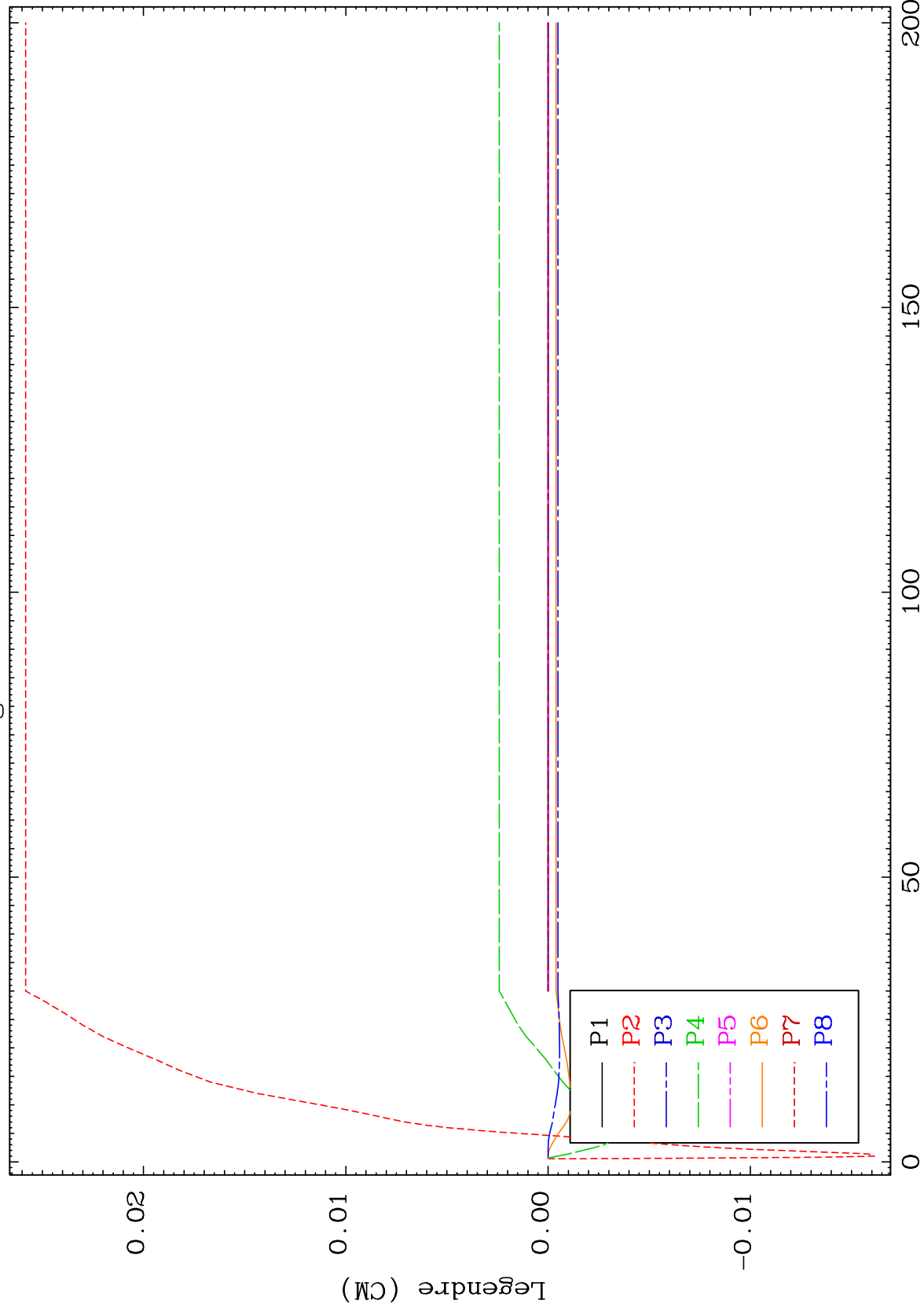




MAT 6364

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

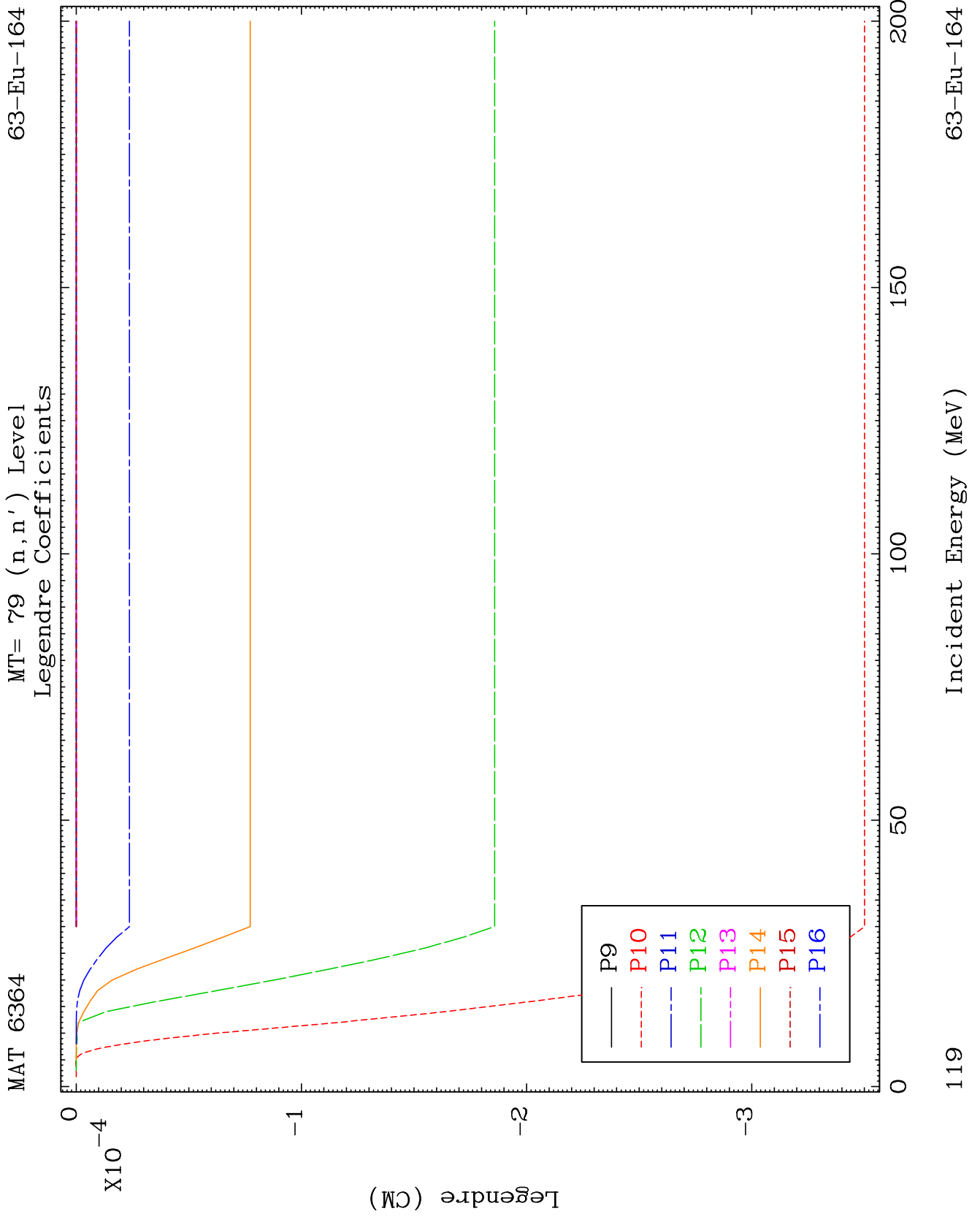
63-Eu-164

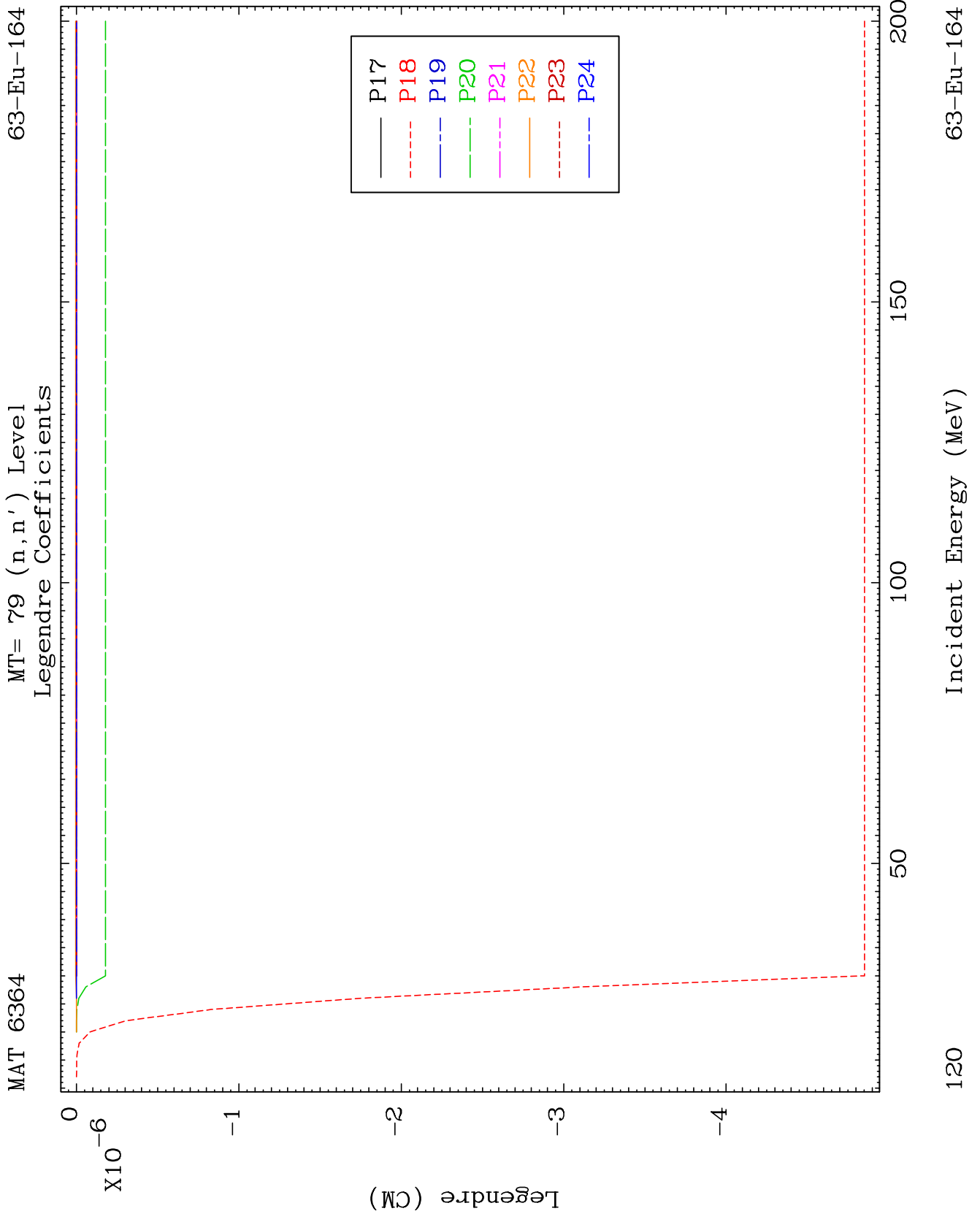


63-Eu-164

Incident Energy (MeV)

118



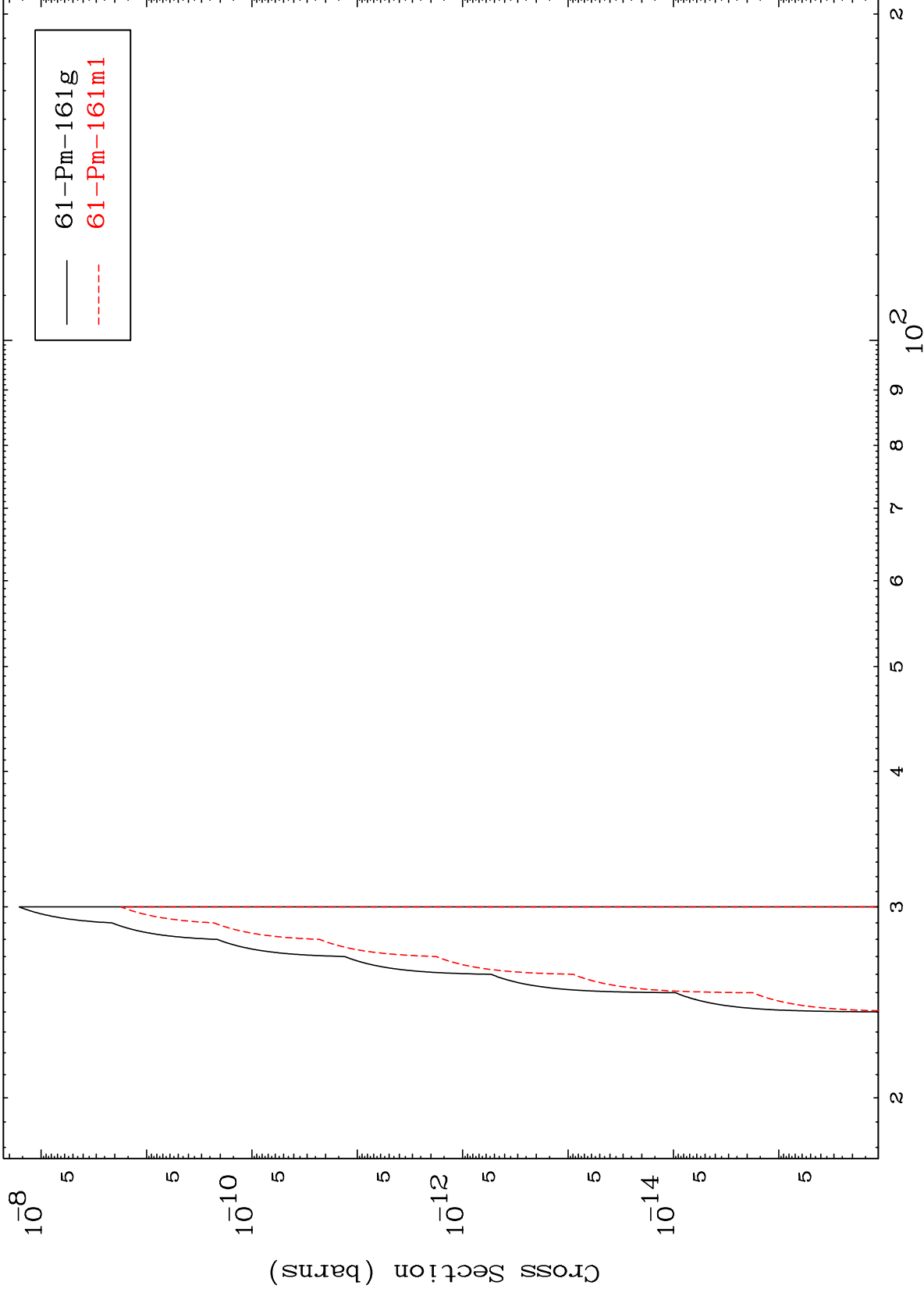


MAT 6364

(n,n') He-3

63-Eu-164

Radionuclide Production Cross Section



121

Incident Energy (MeV)

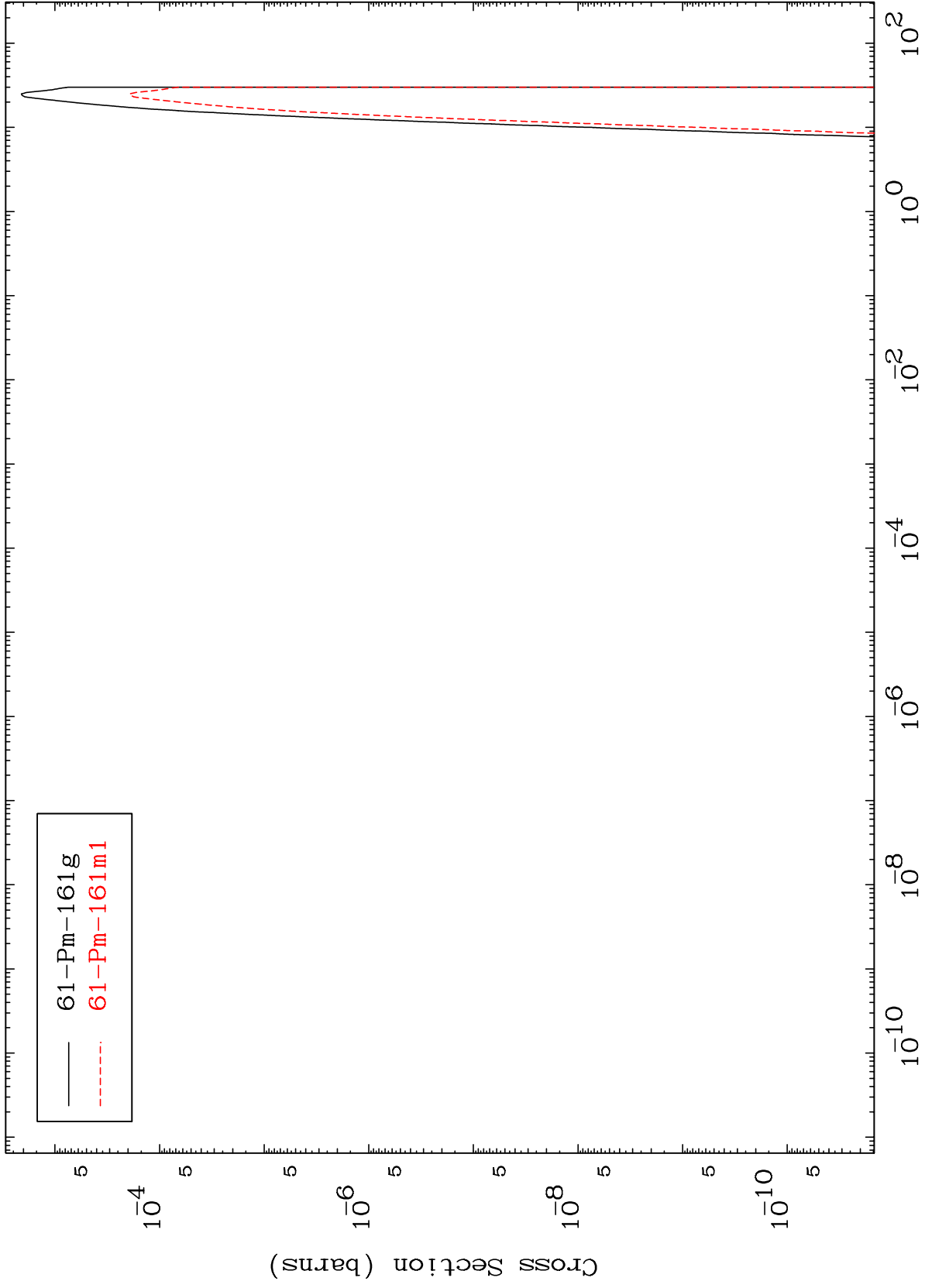
63-Eu-164

MAT 6364

(n, α)

⁶³Eu-164

Radionuclide Production Cross Section



⁶³Eu-164