

Program EVALPLOT
(Version 2017-1)

by

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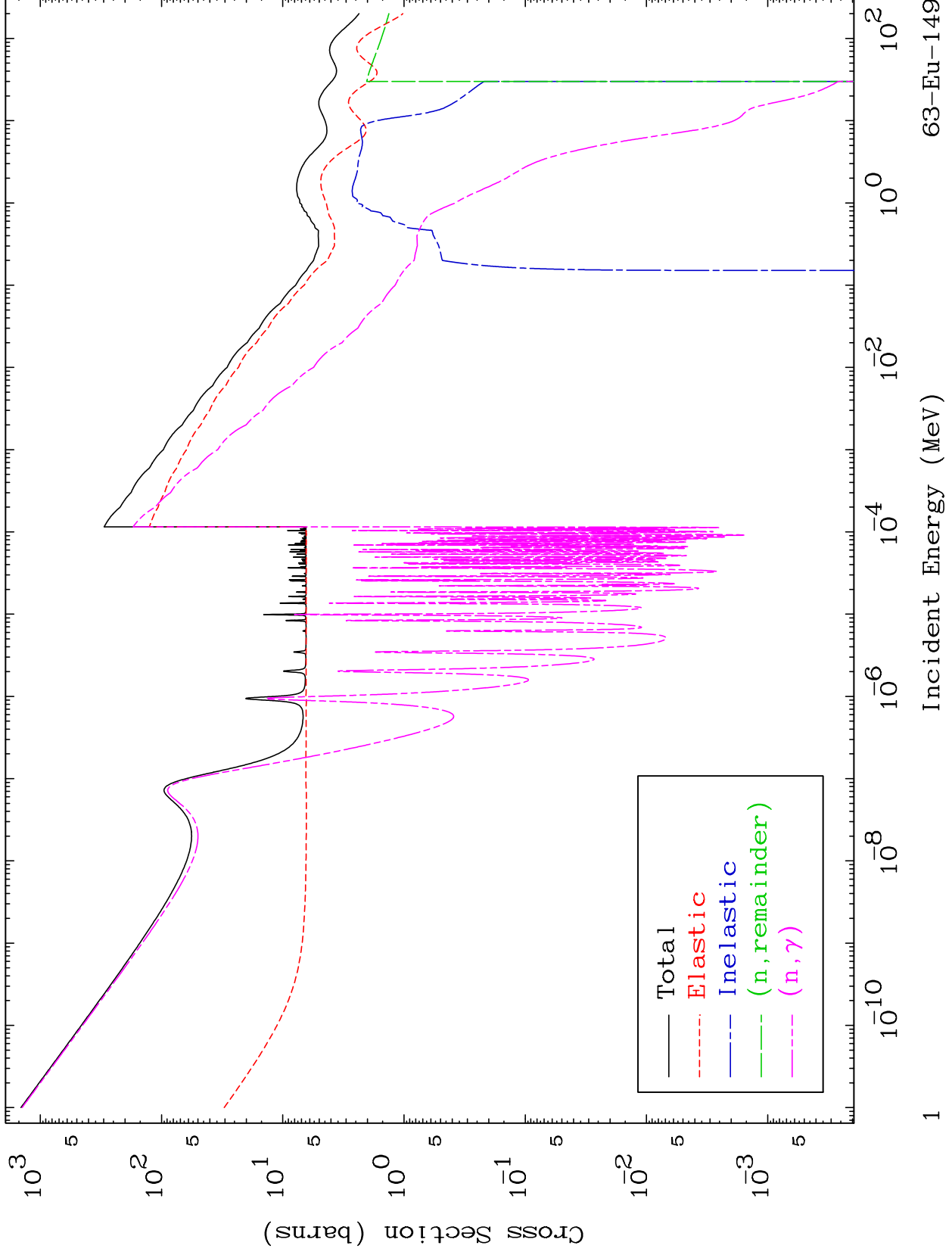
Press Mouse Button to Start

MAT 6319

Major

293 Kelvin Cross Sections

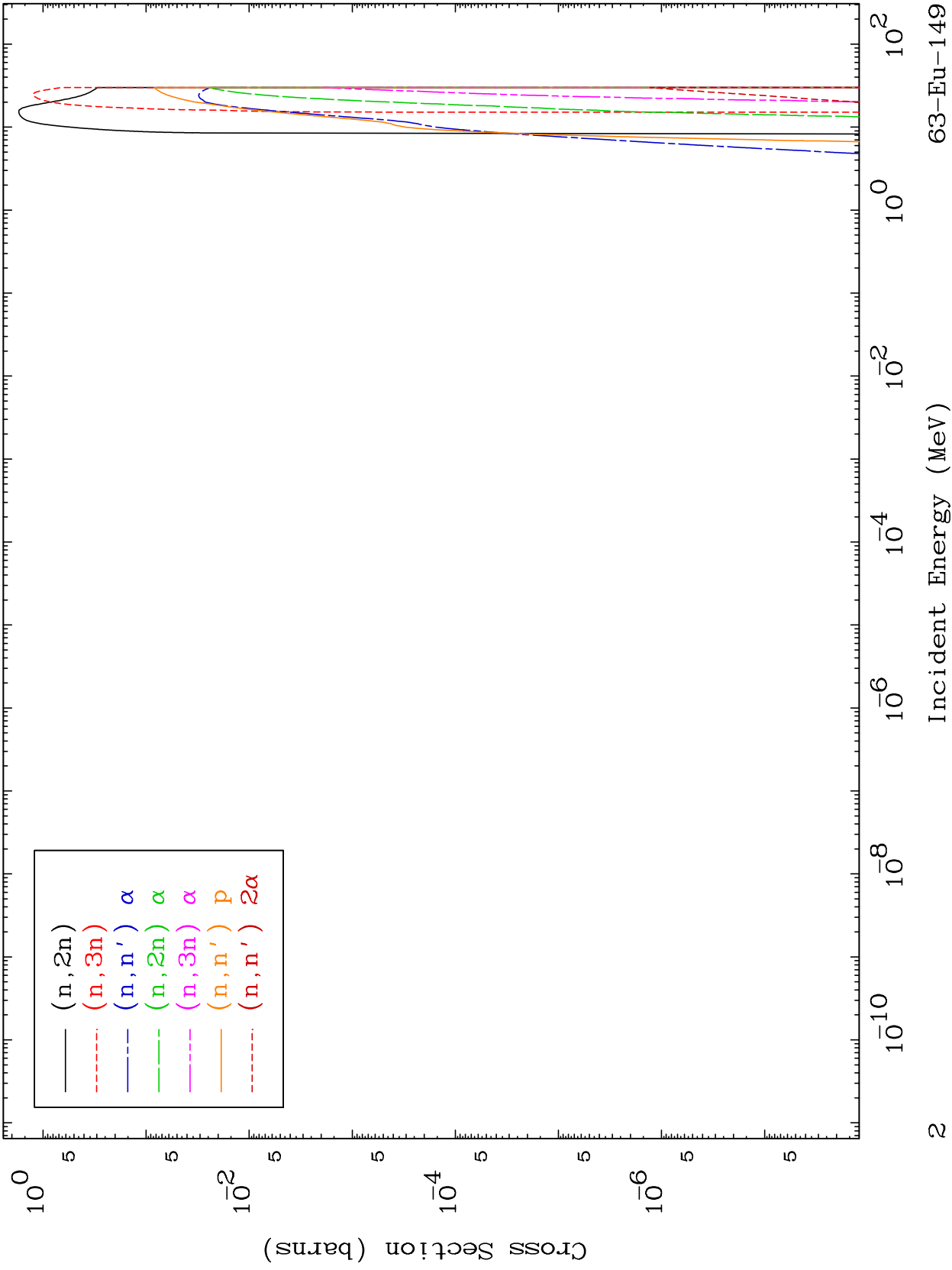
63-Eu-149

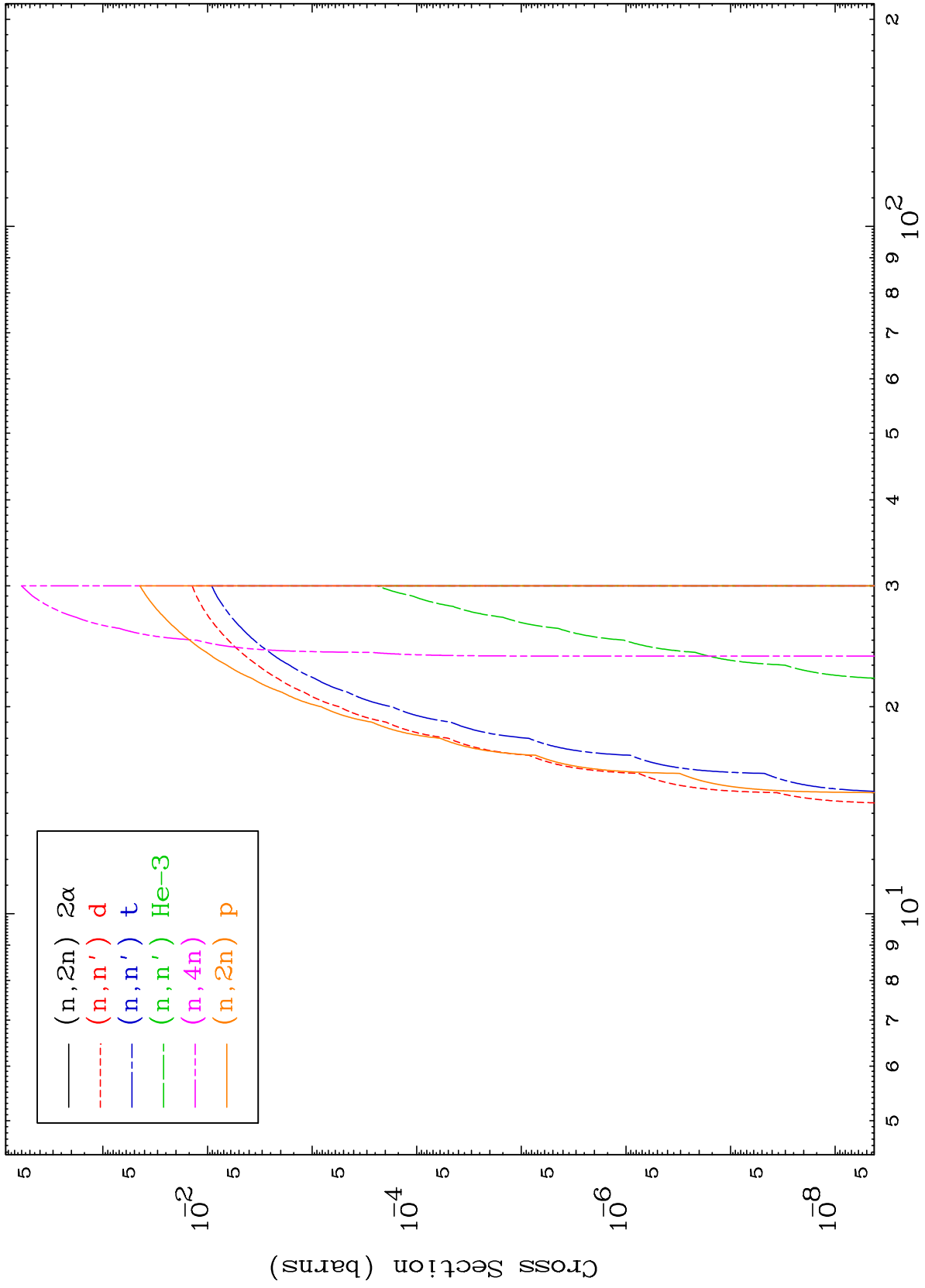


MAT 6319

Neutron Production
293 Kelvin Cross Sections

63-Eu-149

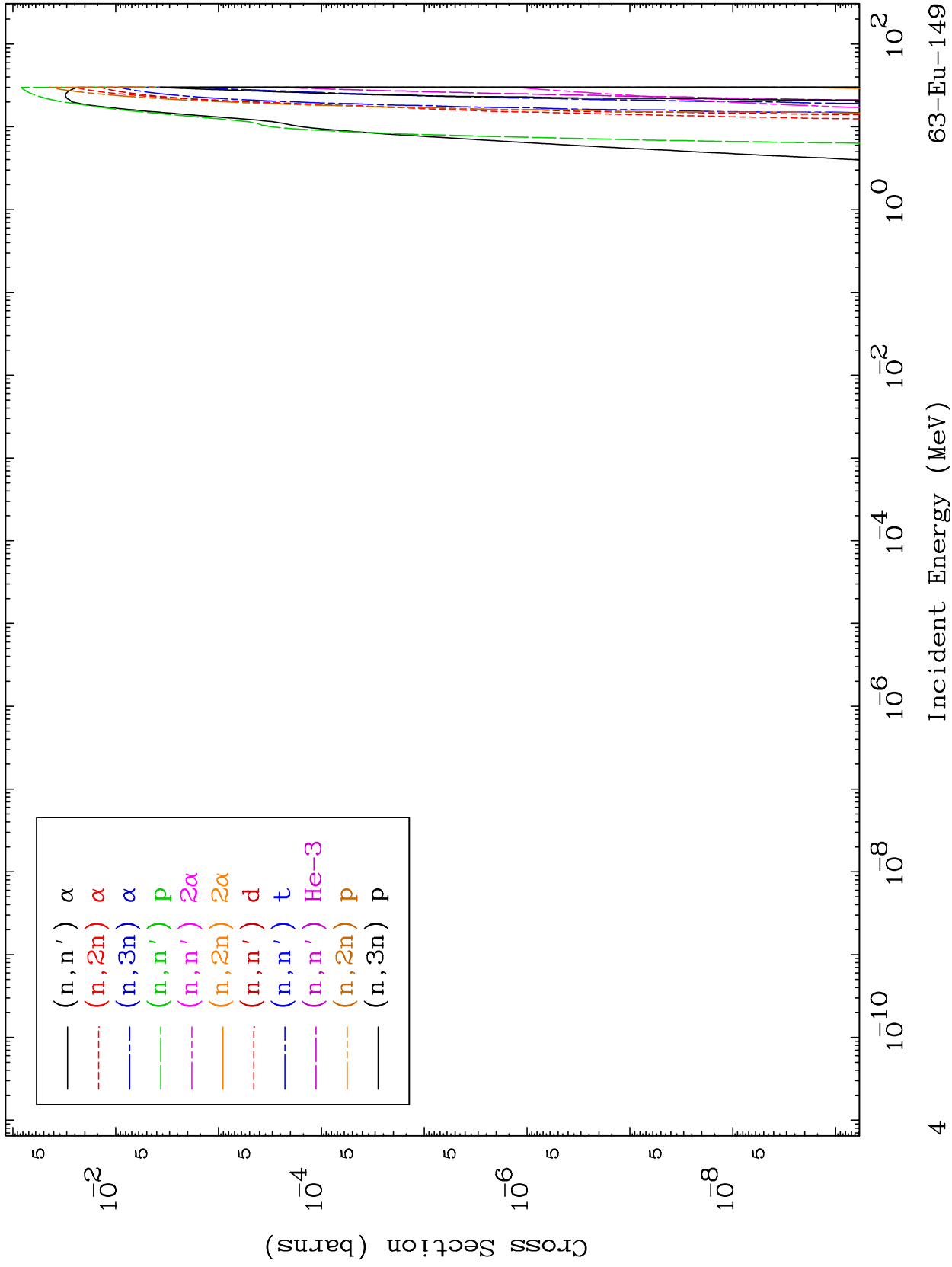




MAT 6319

Charged Particle
293 Kelvin Cross Sections

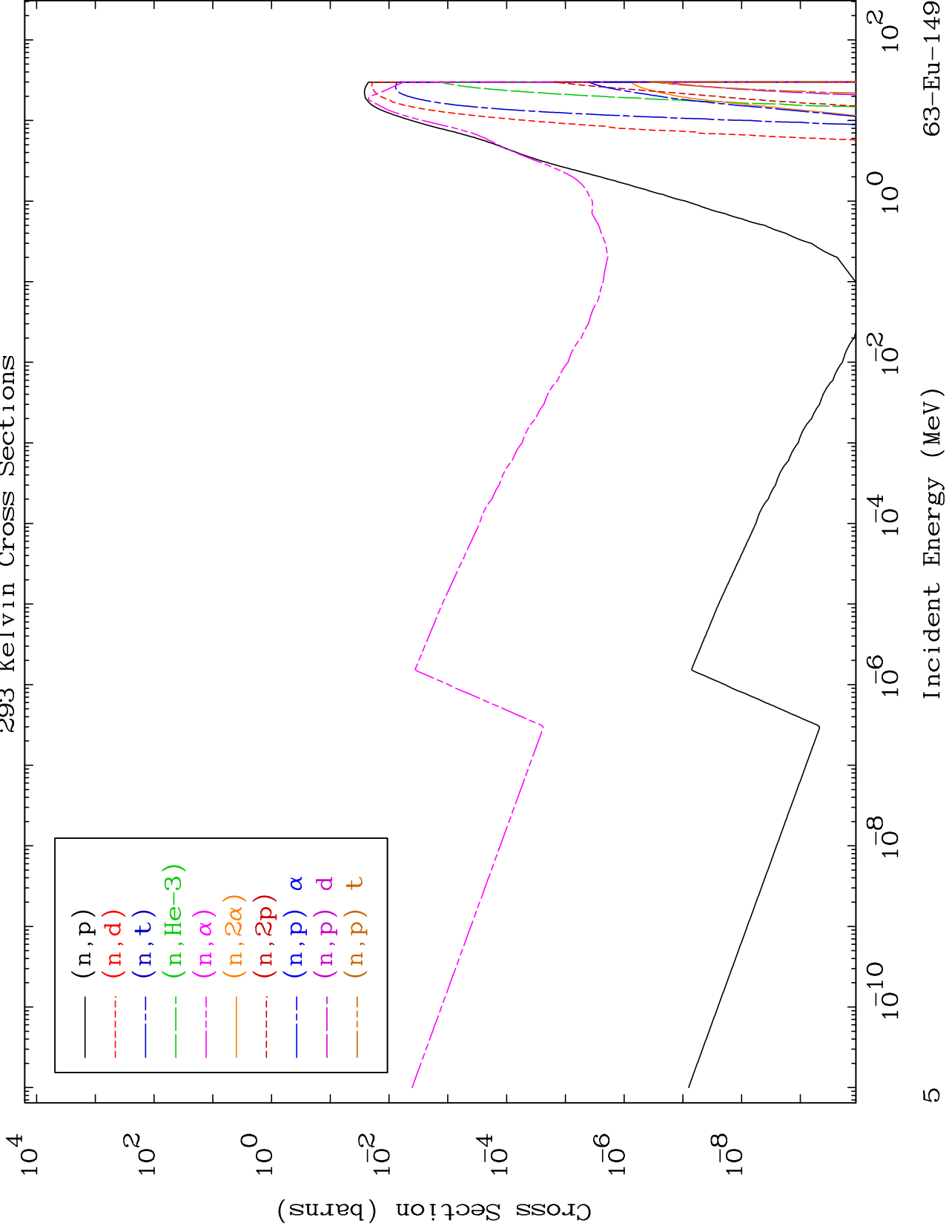
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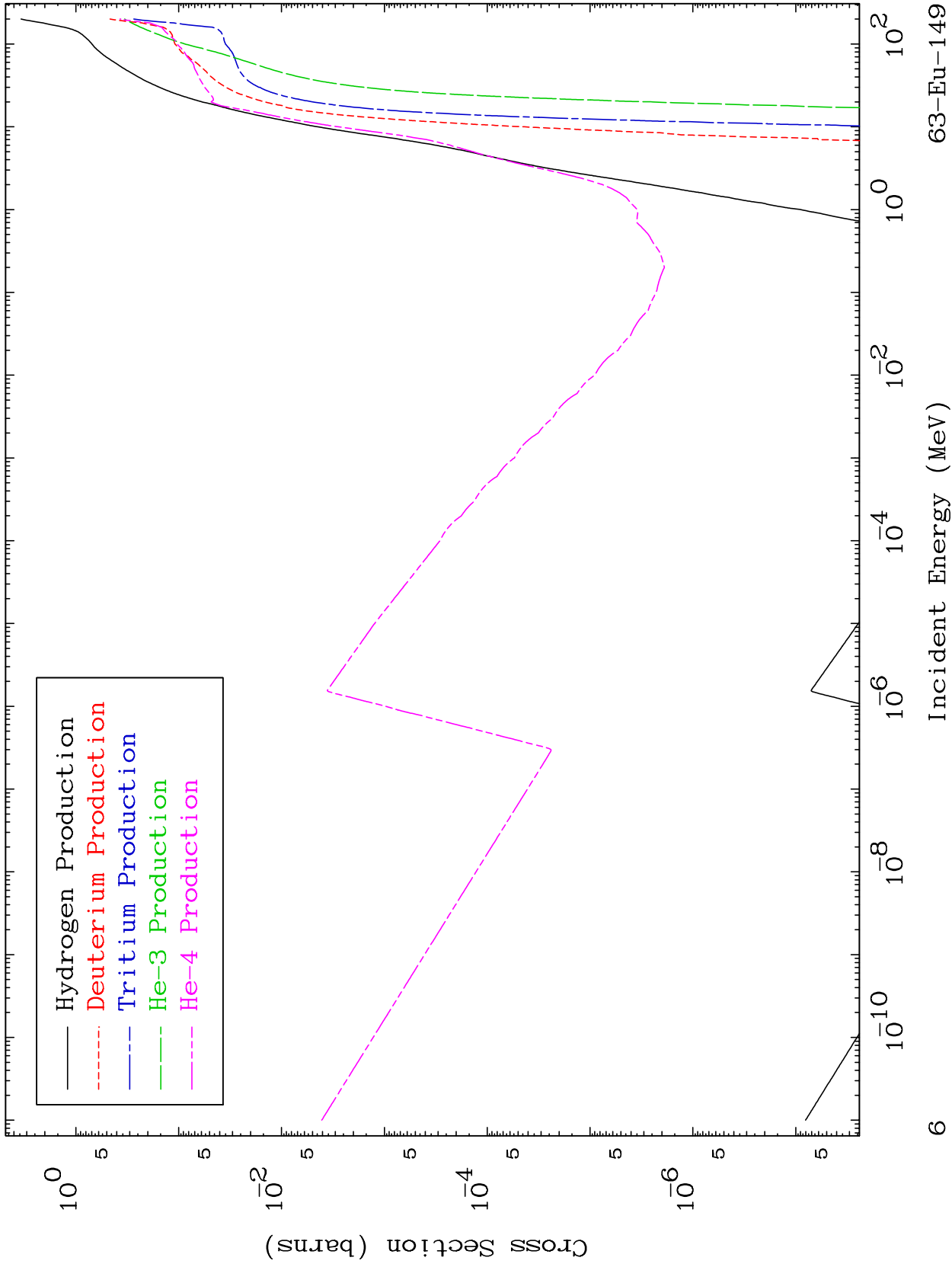


MAT 6319

Charged Particle
293 Kelvin Cross Sections

63-Eu-149



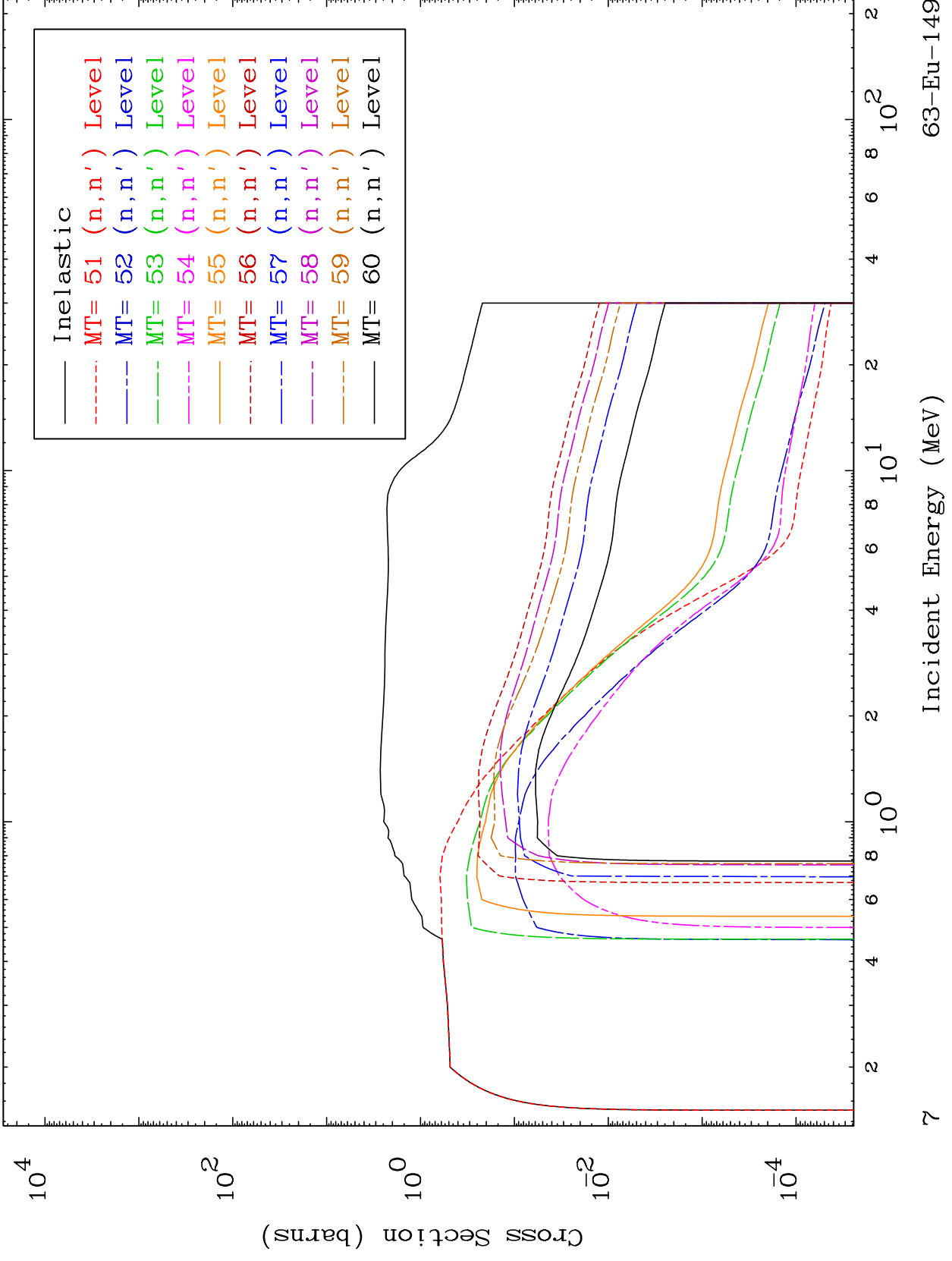


MAT 6319

(n,n') Level

63-Eu-149

293 Kelvin Cross Sections

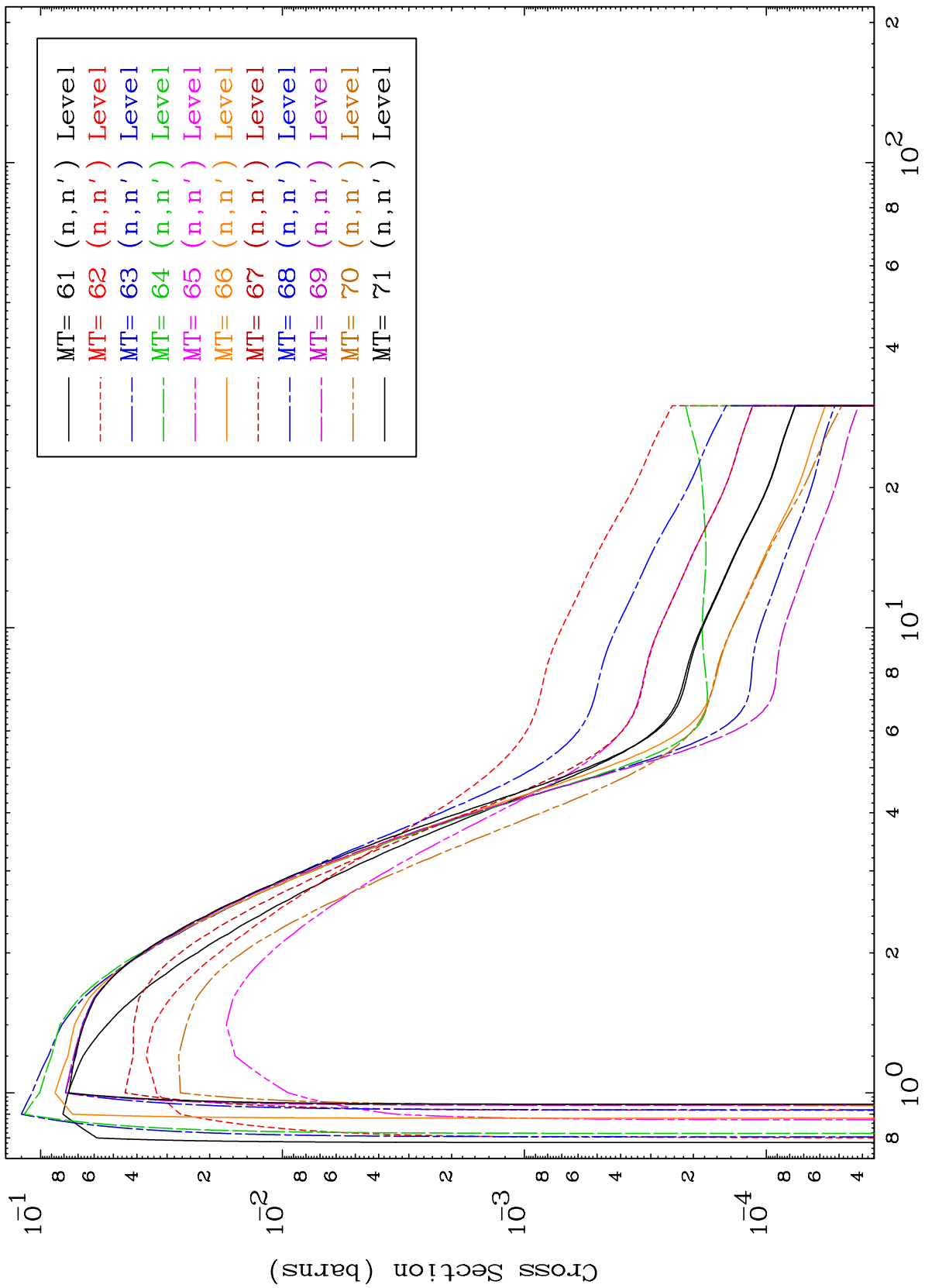


MAT 6319

(n,n') Level

63-Eu-149

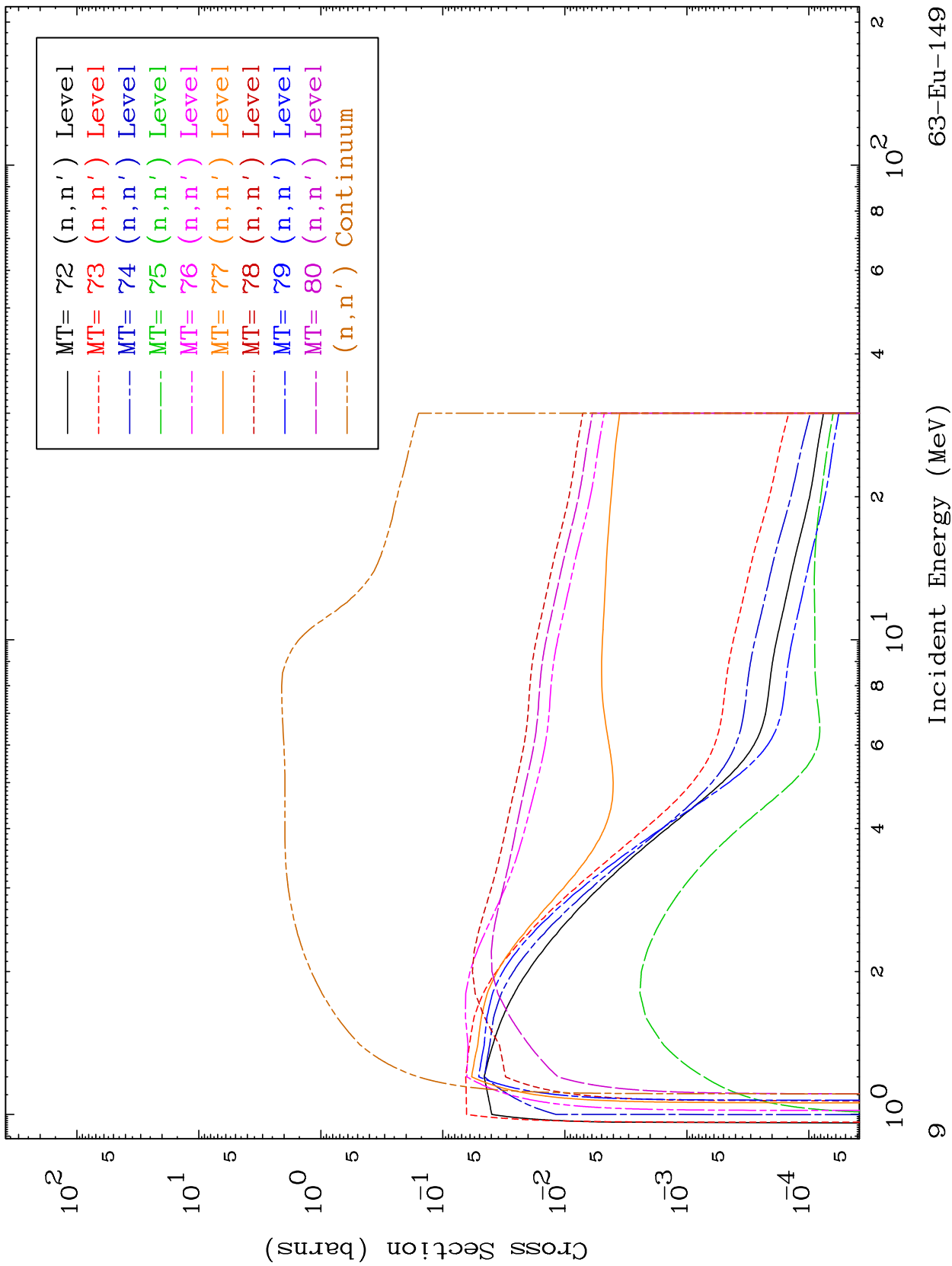
293 Kelvin Cross Sections



Incident Energy (MeV)

63-Eu-149

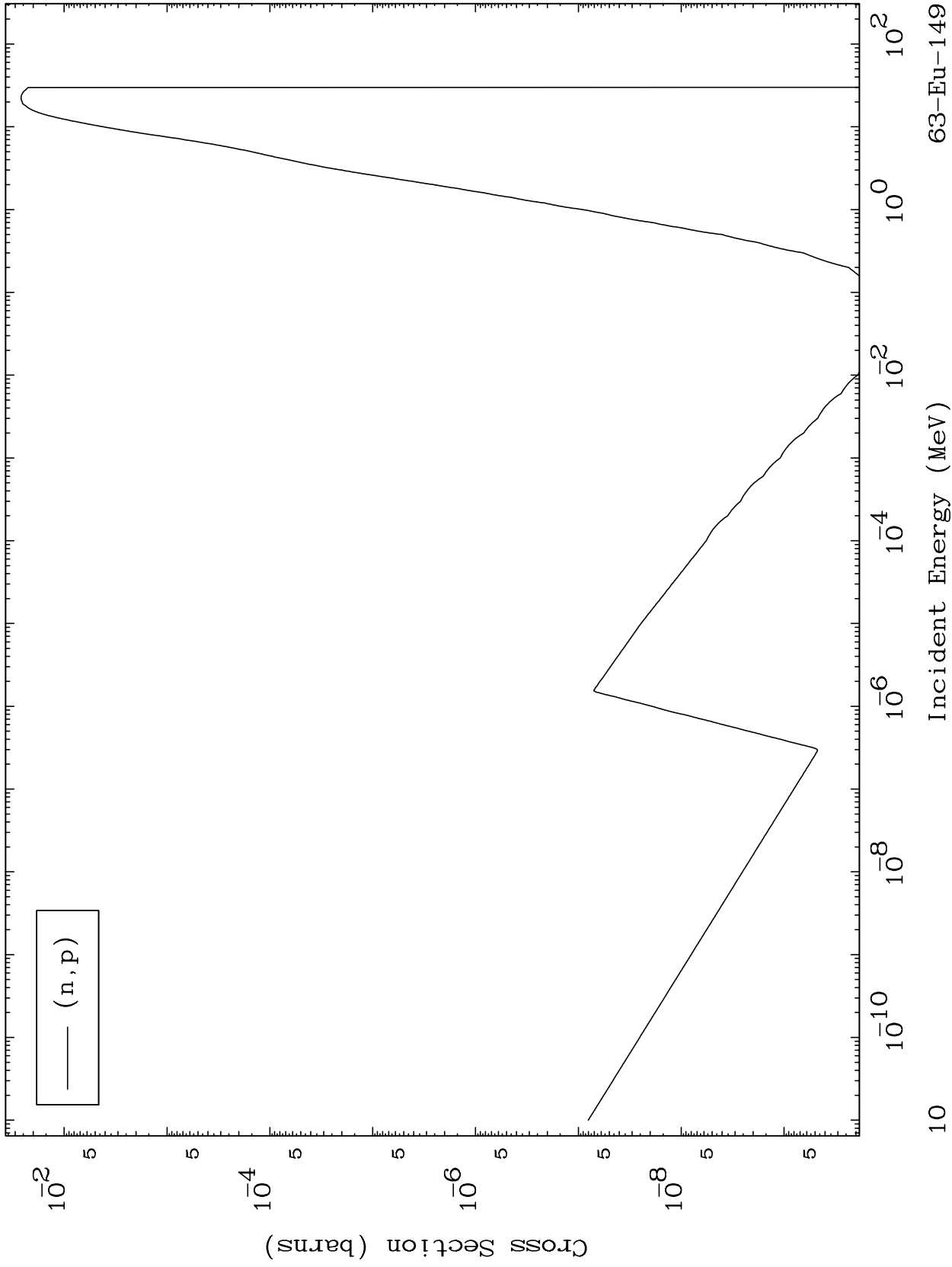
293 Kelvin Cross Sections



MAT 6319

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-149



10

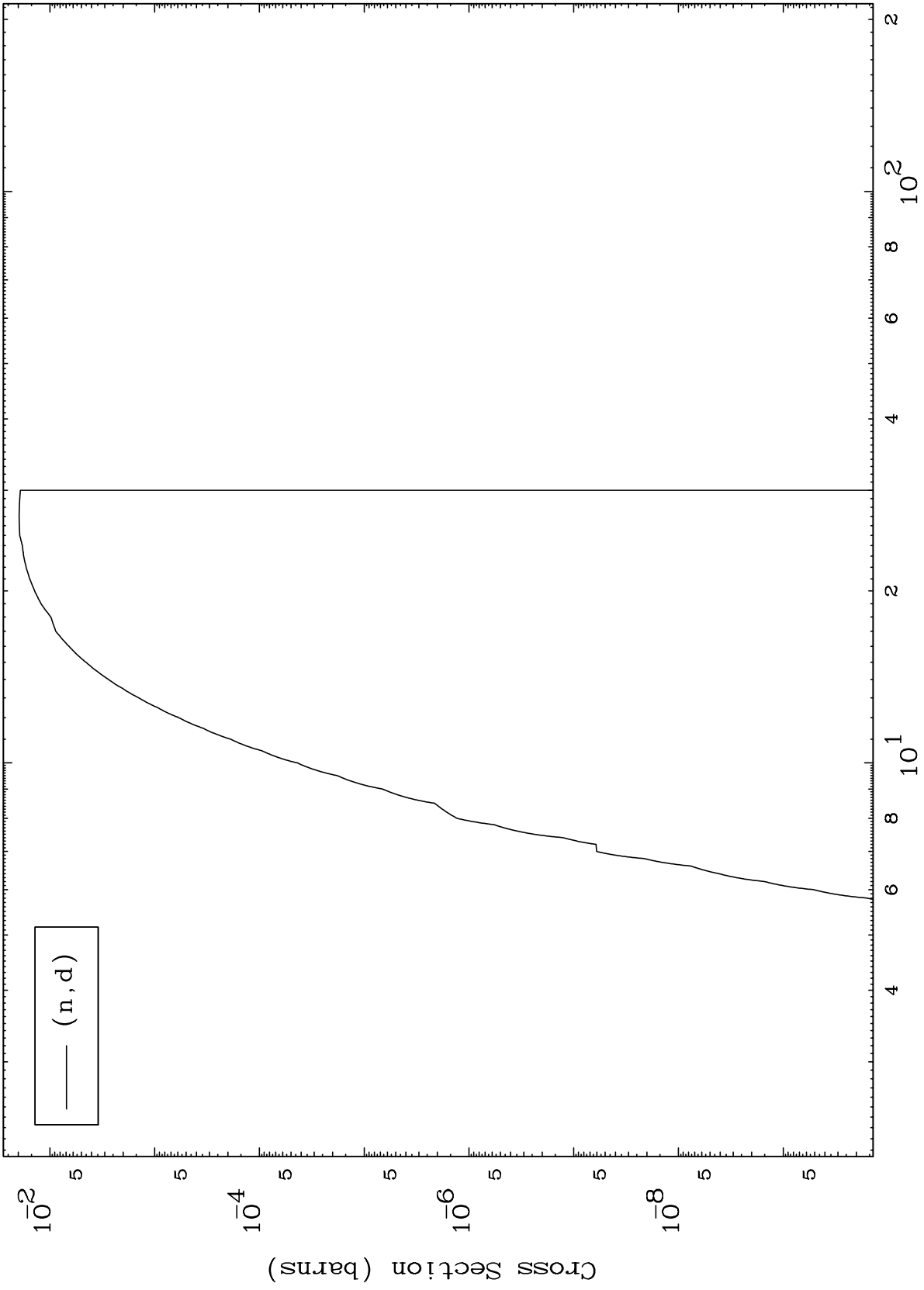
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,d) Levels
293 Kelvin Cross Sections

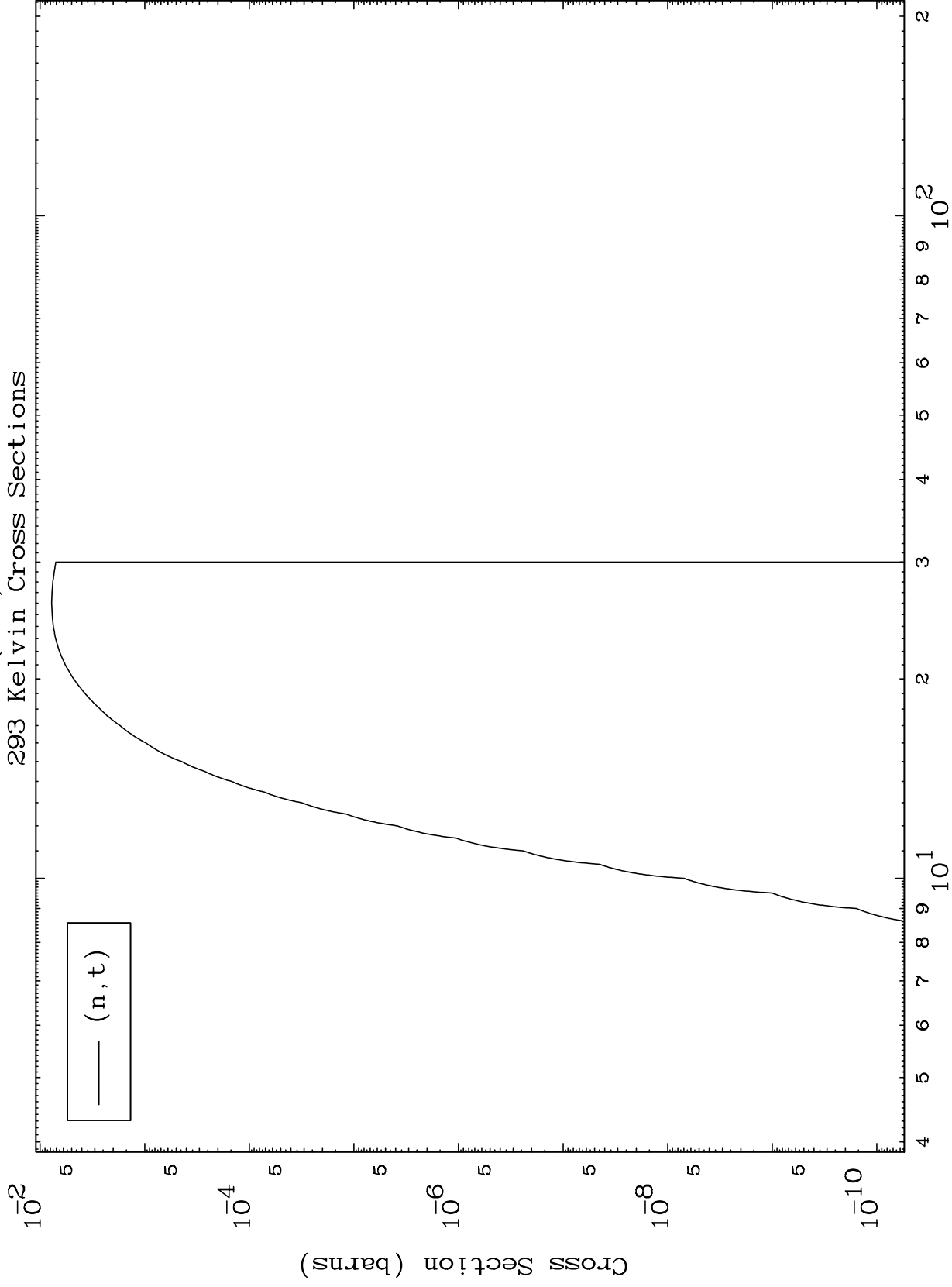
63-Eu-149



MAT 6319

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-149



12

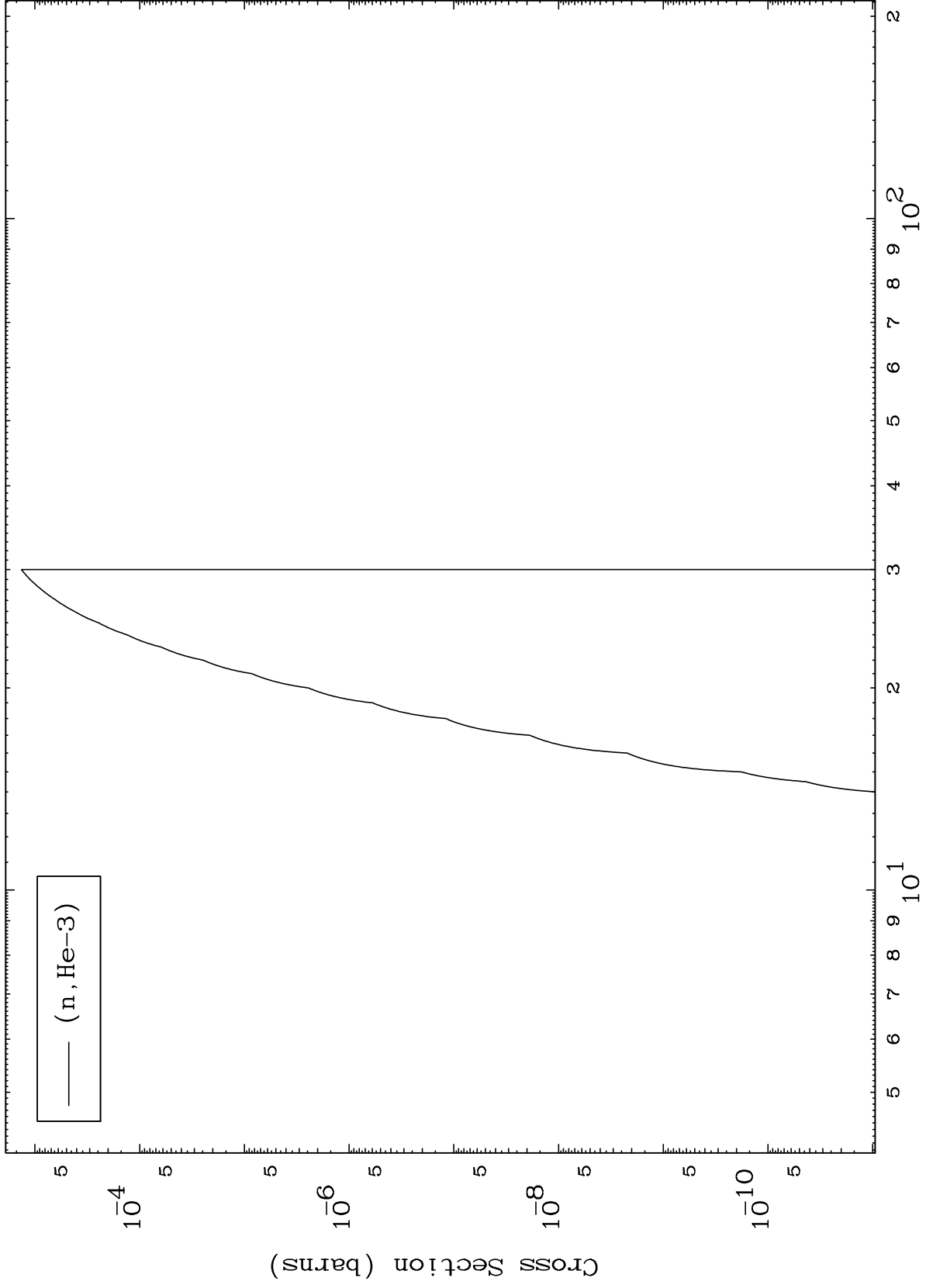
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-149



13

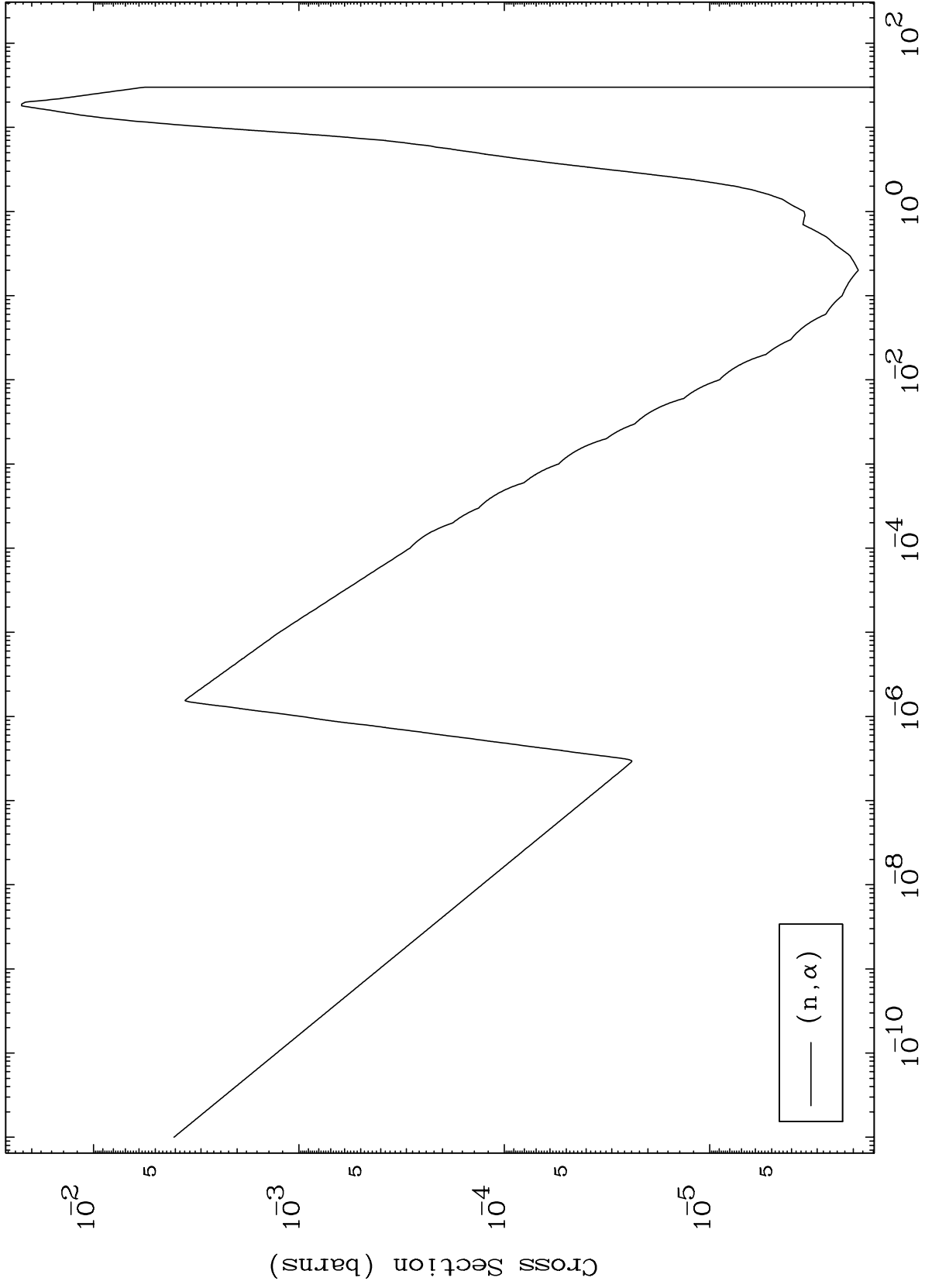
Incident Energy (MeV)

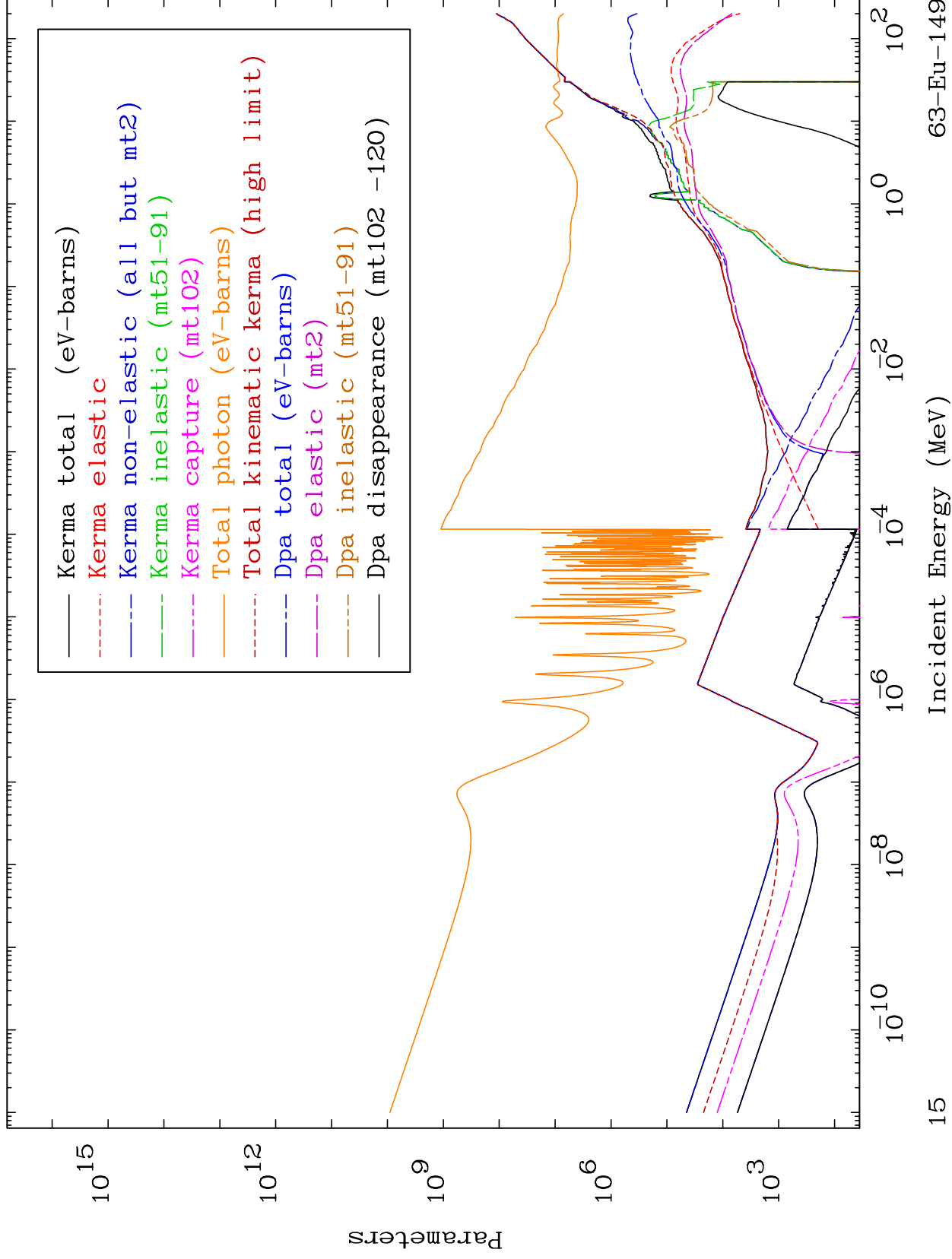
63-Eu-149

MAT 6319

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-149

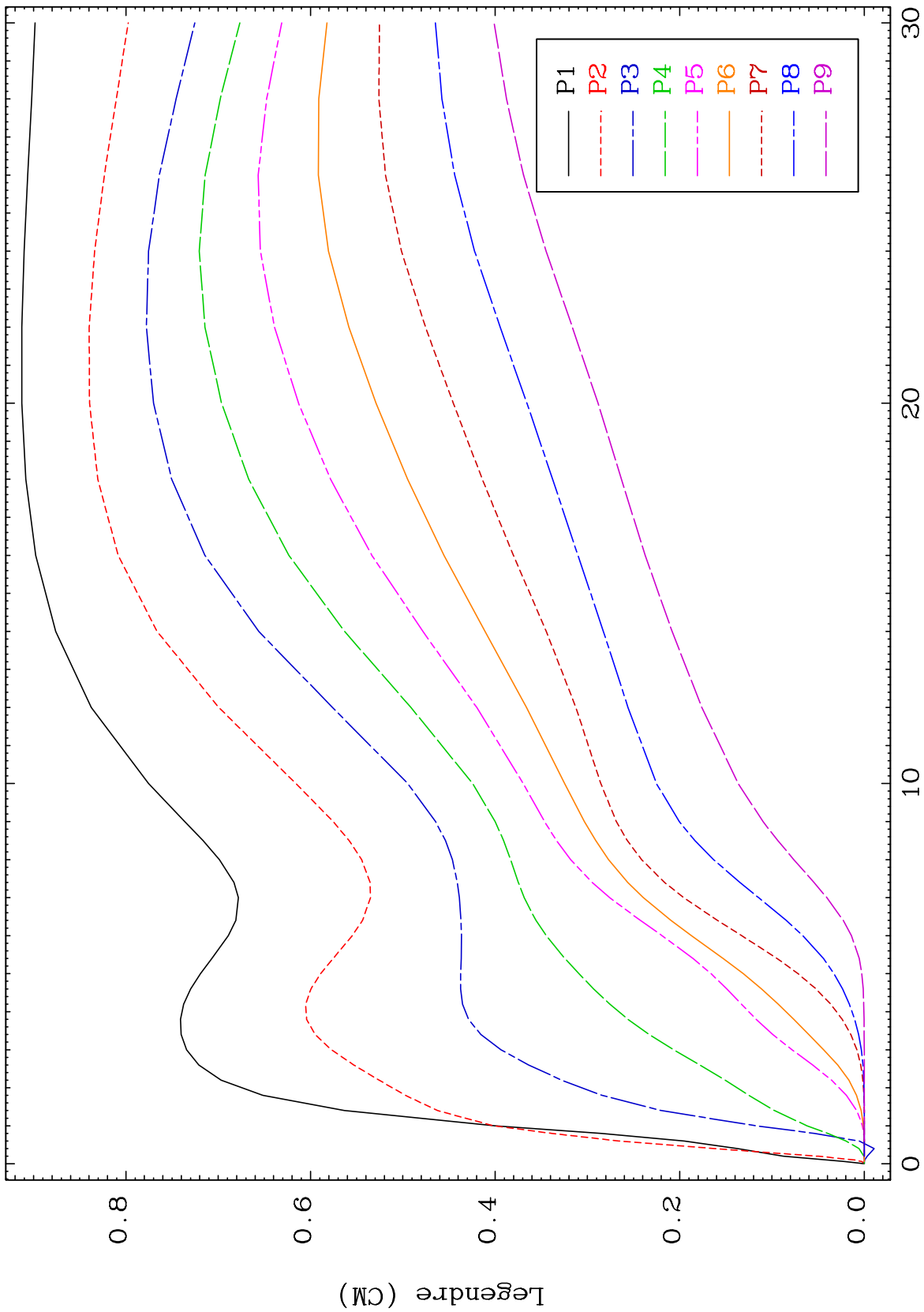




MAT 6319

63-Eu-149

Elastic Legendre Coefficients



63-Eu-149

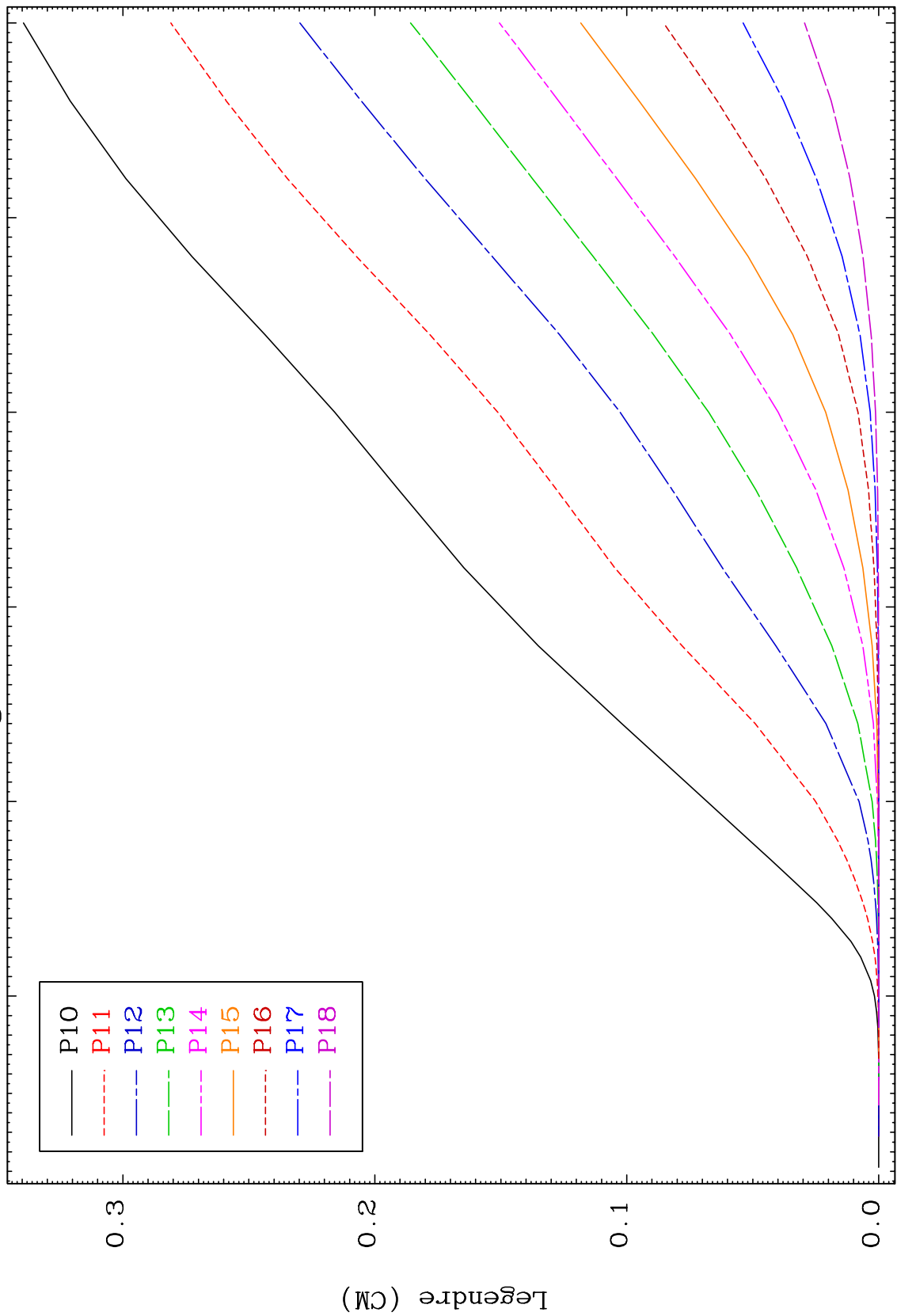
Incident Energy (MeV)

16

MAT 6319

Elastic Legendre Coefficients

⁶³-Eu-149



17

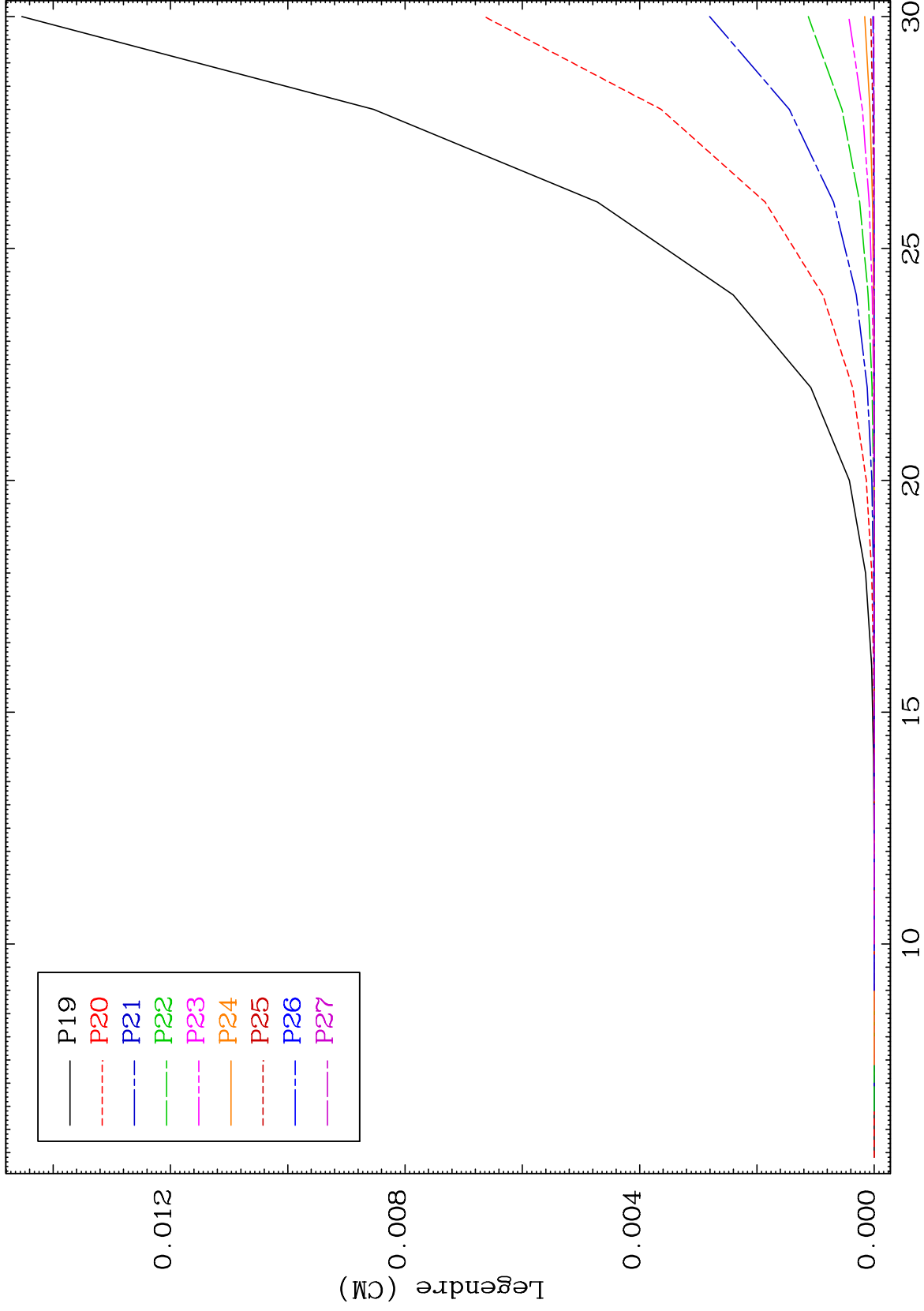
Incident Energy (MeV)

⁶³-Eu-149

MAT 6319

Elastic Legendre Coefficients

63-Eu-149



18

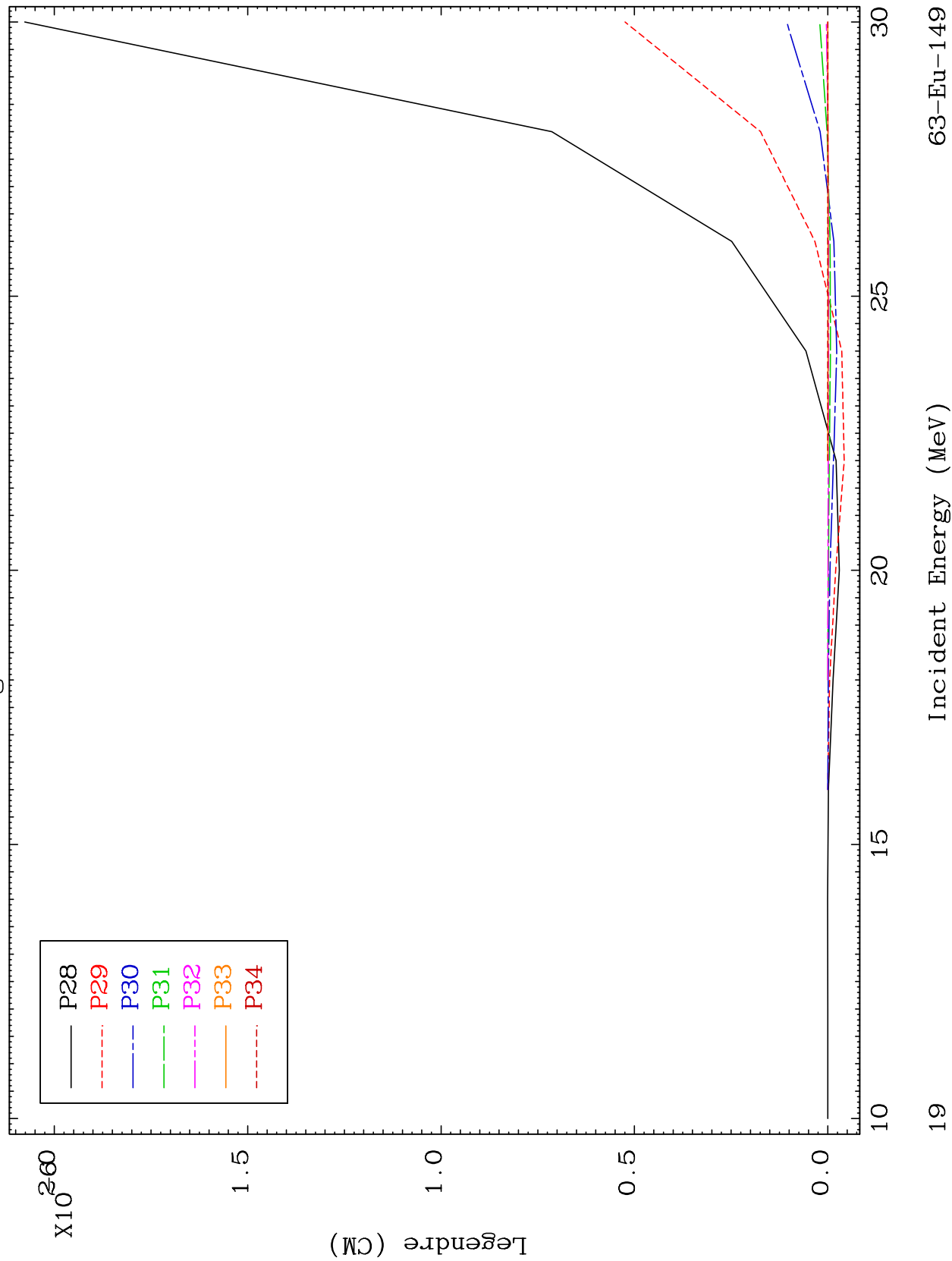
Incident Energy (MeV)

63-Eu-149

MAT 6319

Elastic Legendre Coefficients

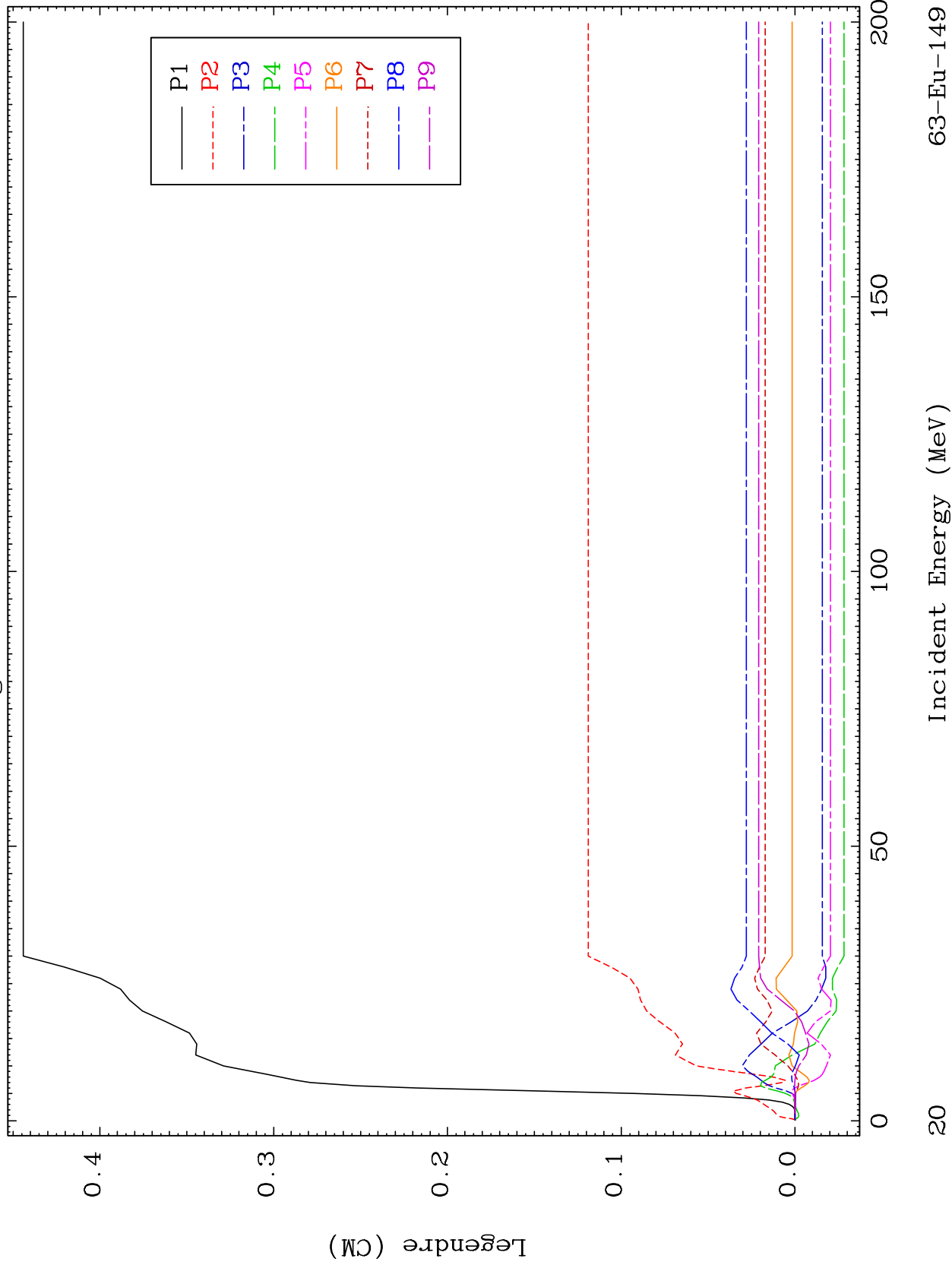
63-Eu-149



MAT 6319

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

63-Eu-149

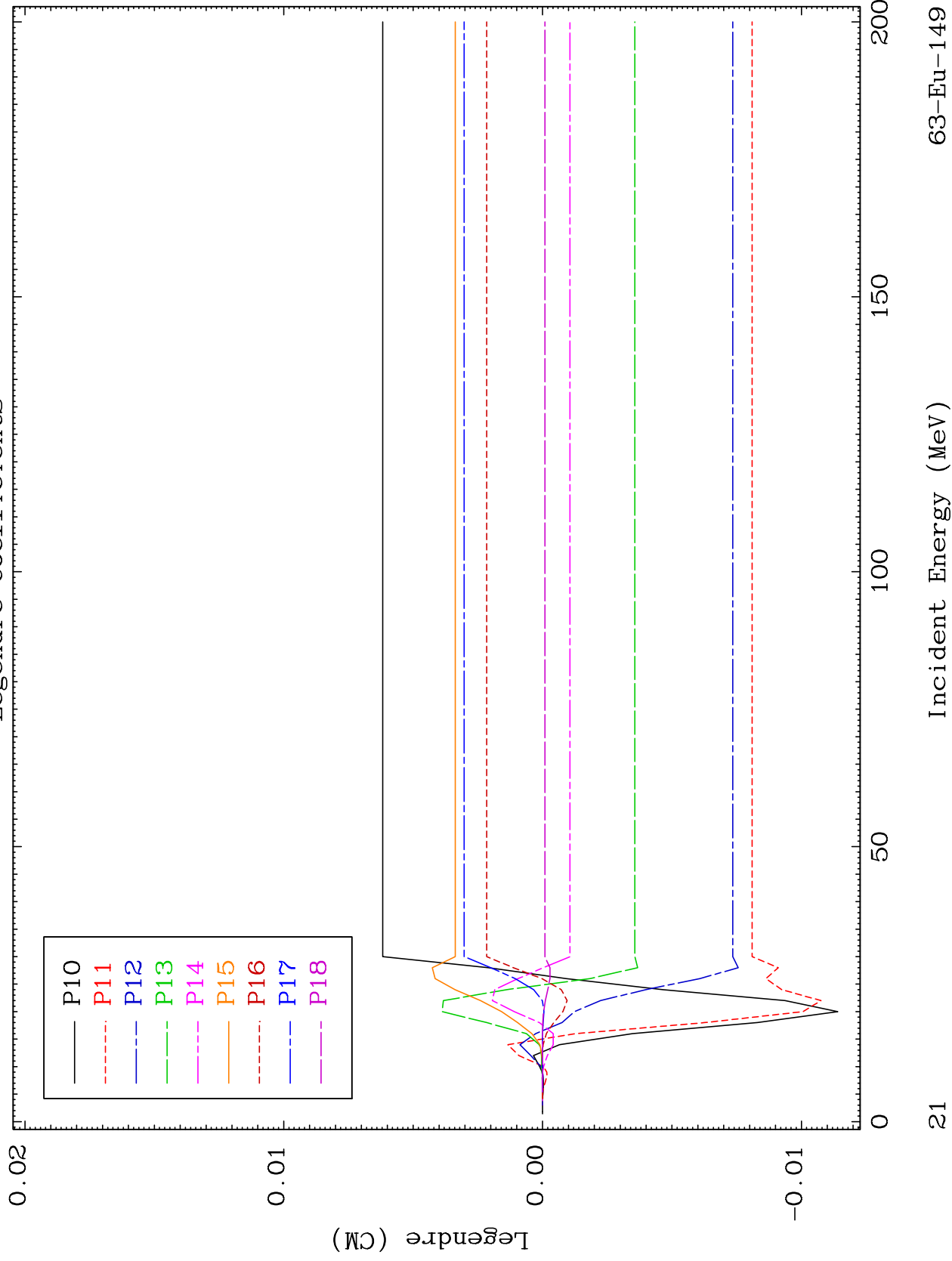


63-Eu-149

MAT 6319

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

63-Eu-149

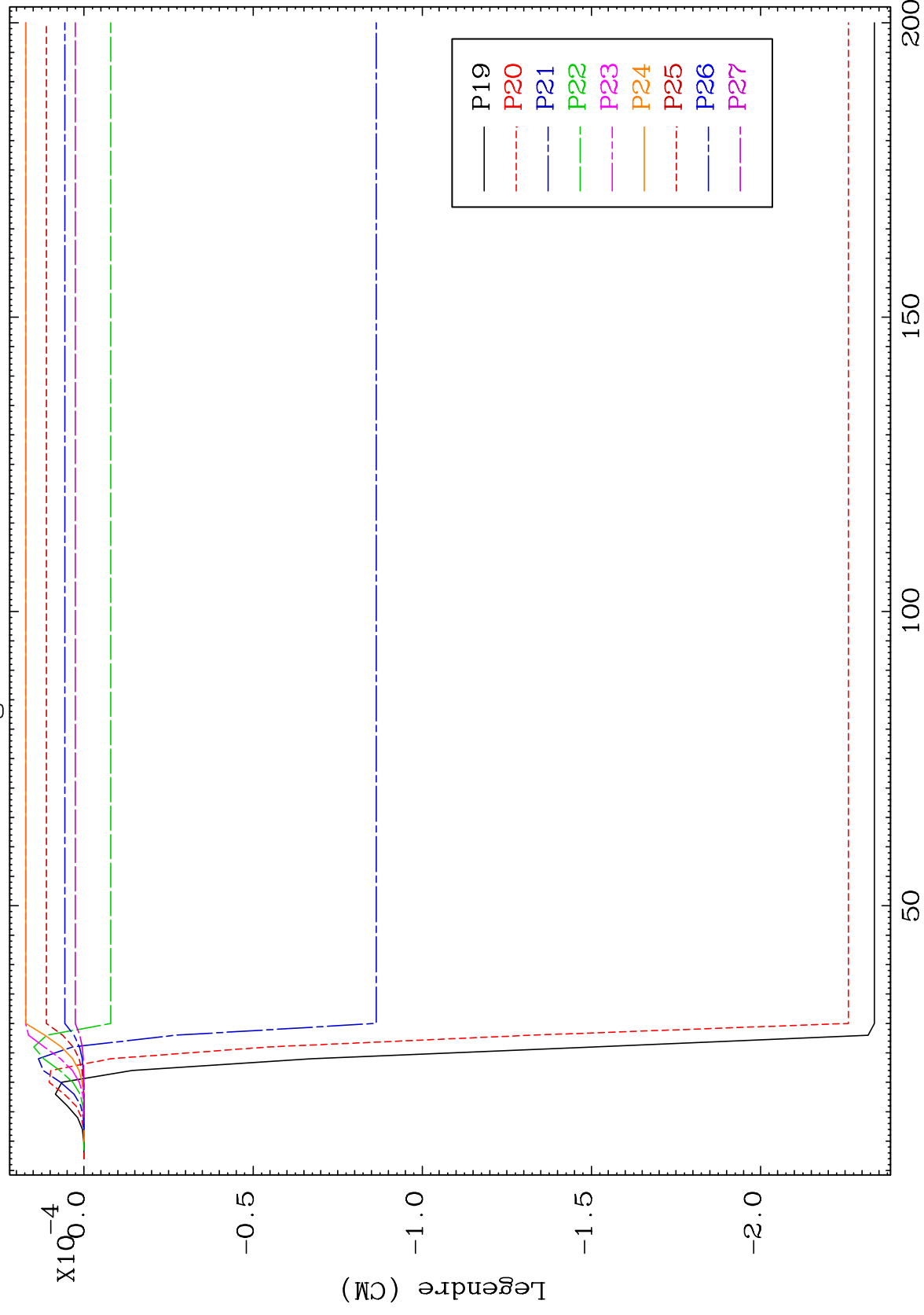


21

MAT 6319

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

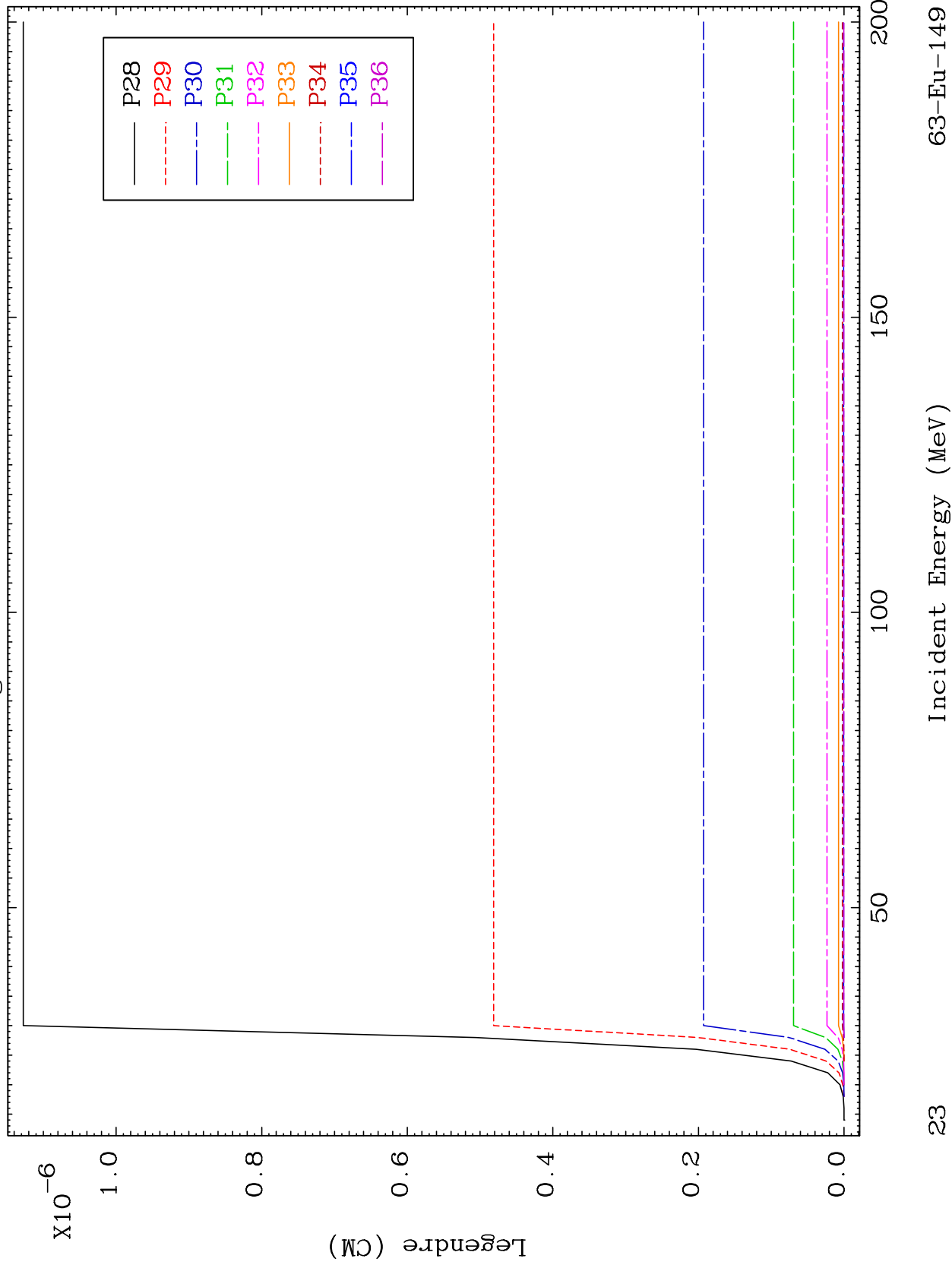
63-Eu-149



MAT 6319

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

63-Eu-149



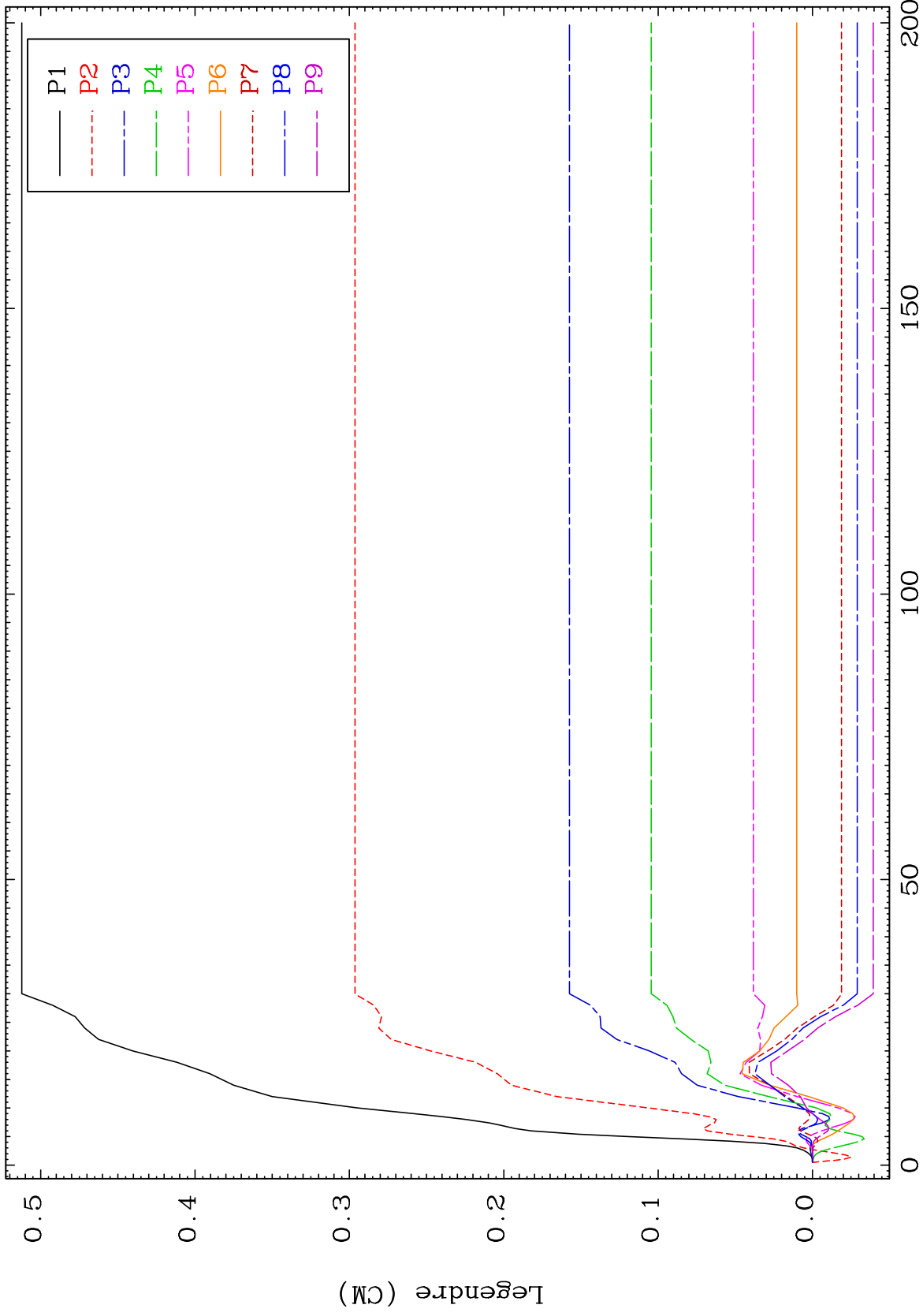
23

63-Eu-149

MAT 6319

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

63-Eu-149



24

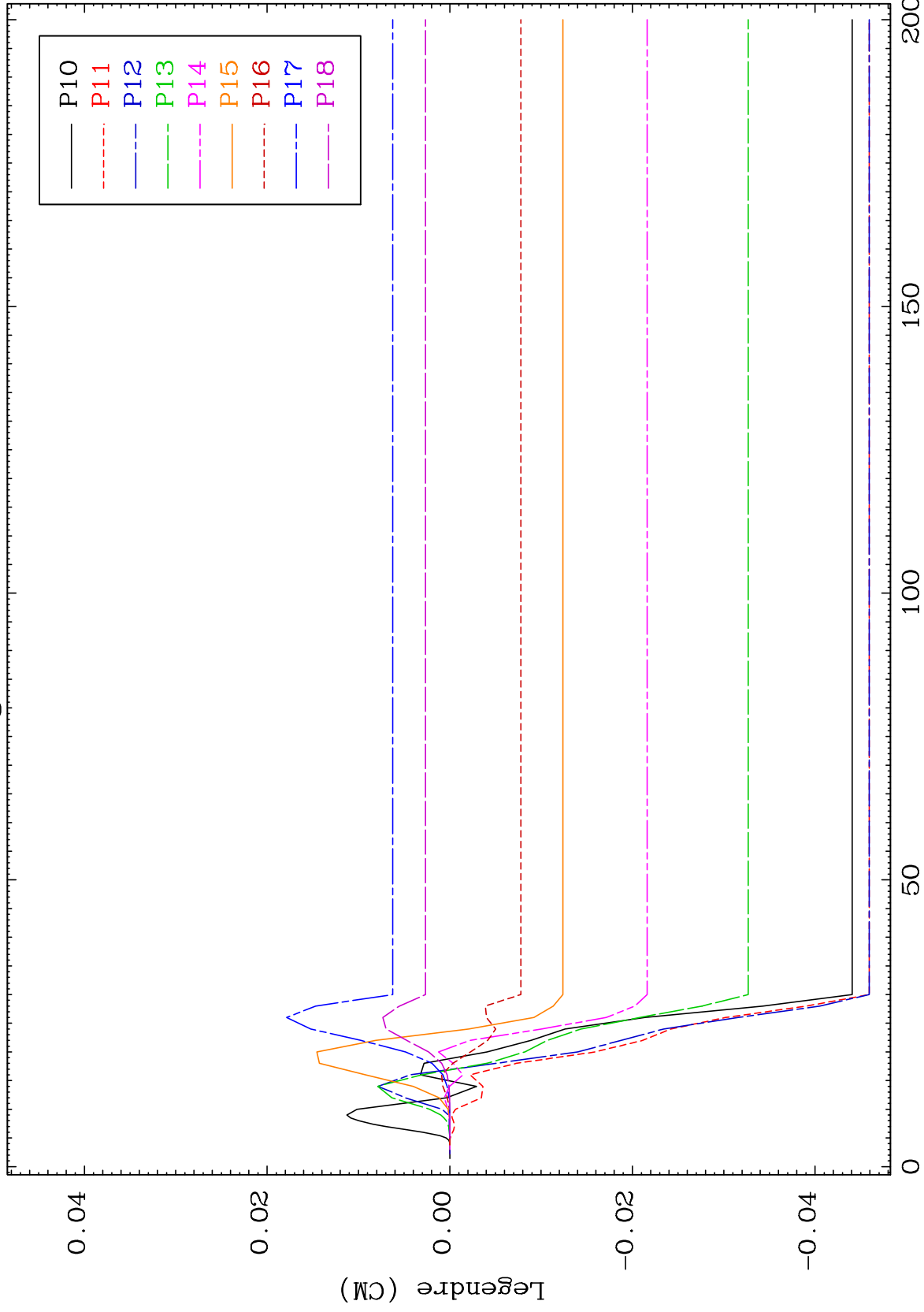
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



25

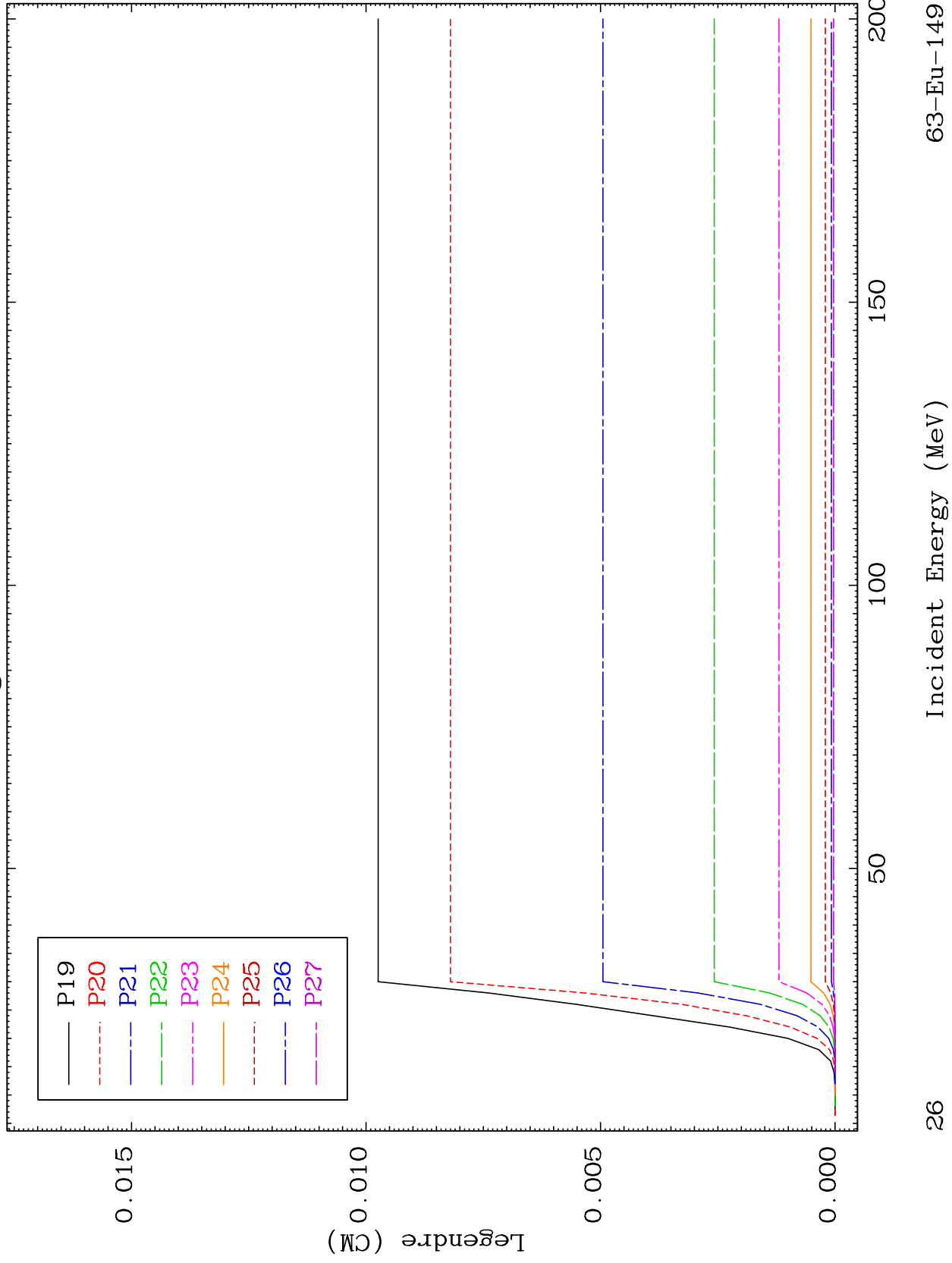
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



26

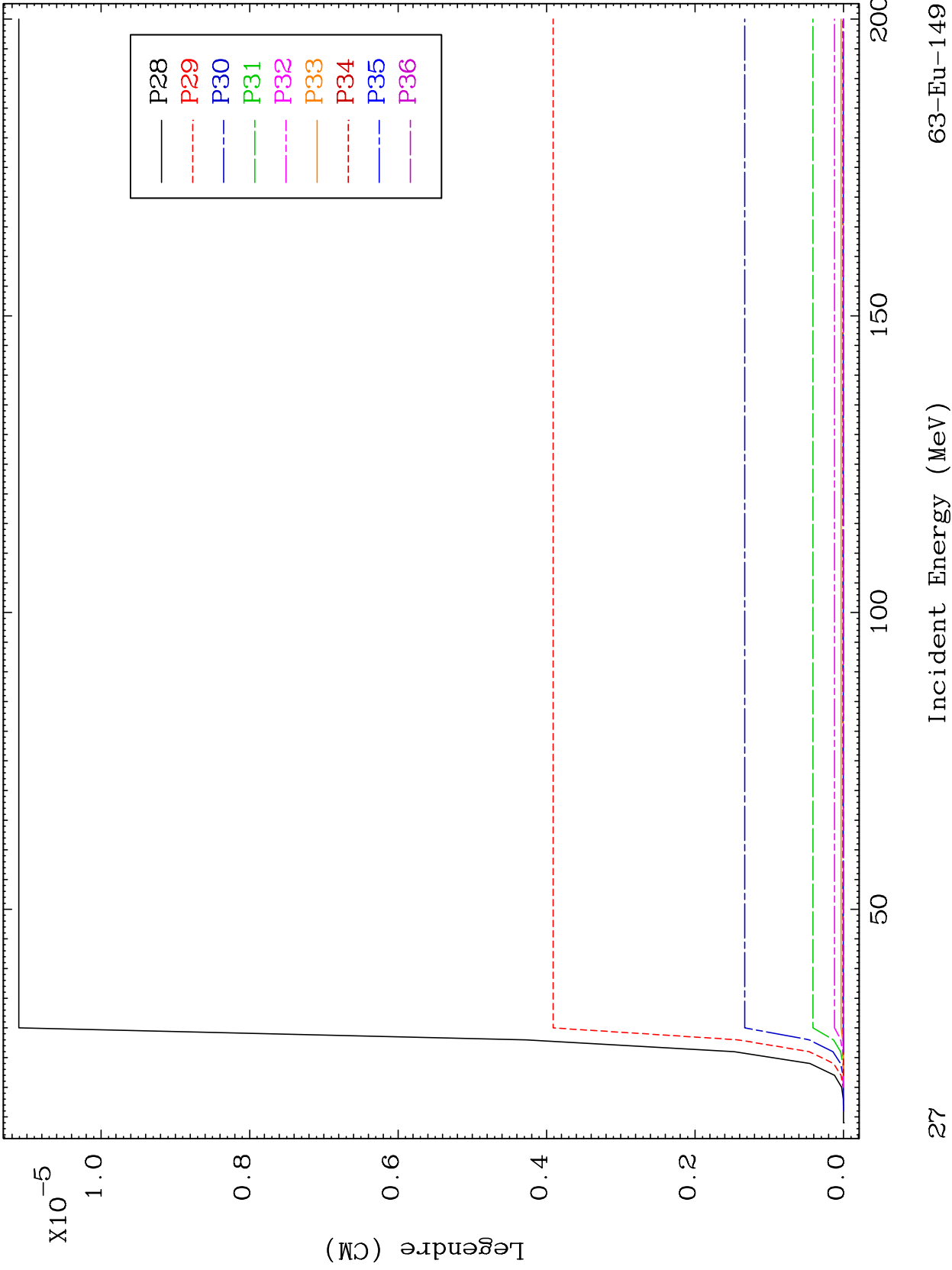
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



27

Incident Energy (MeV)

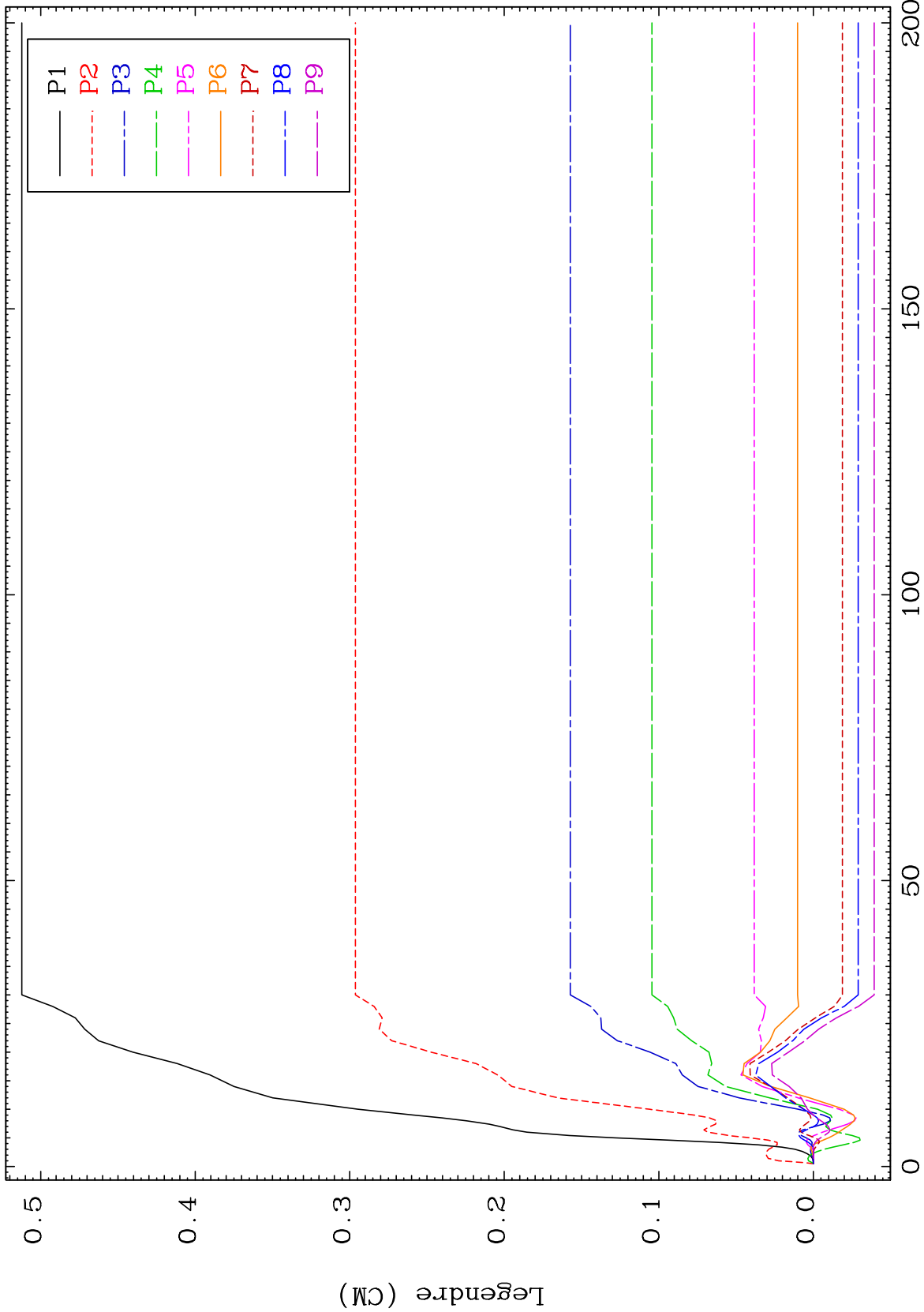
63-Eu-149

MAT 6319

MT= 53 (n,n') Level

63-Eu-149

Legendre Coefficients



28

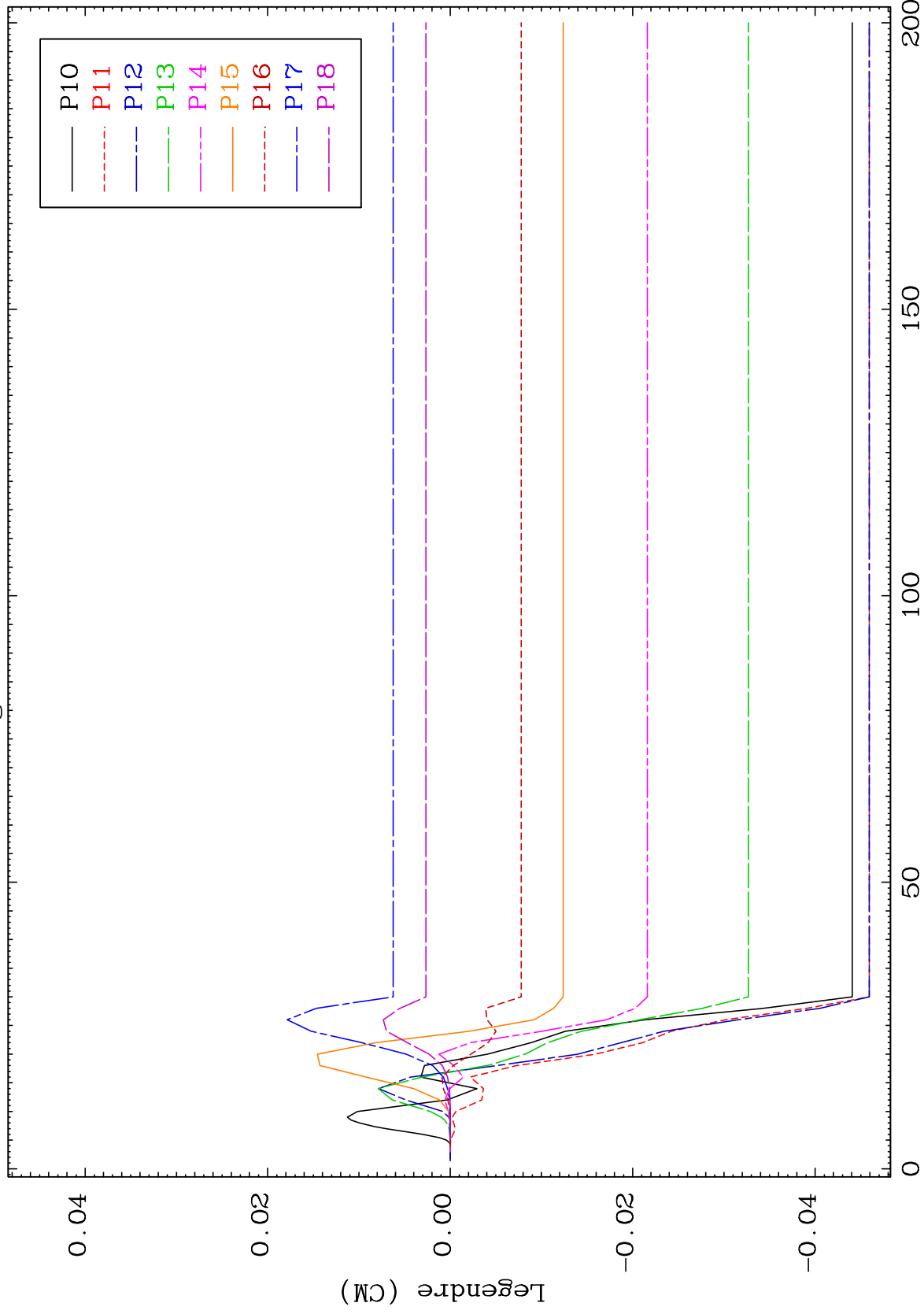
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



29

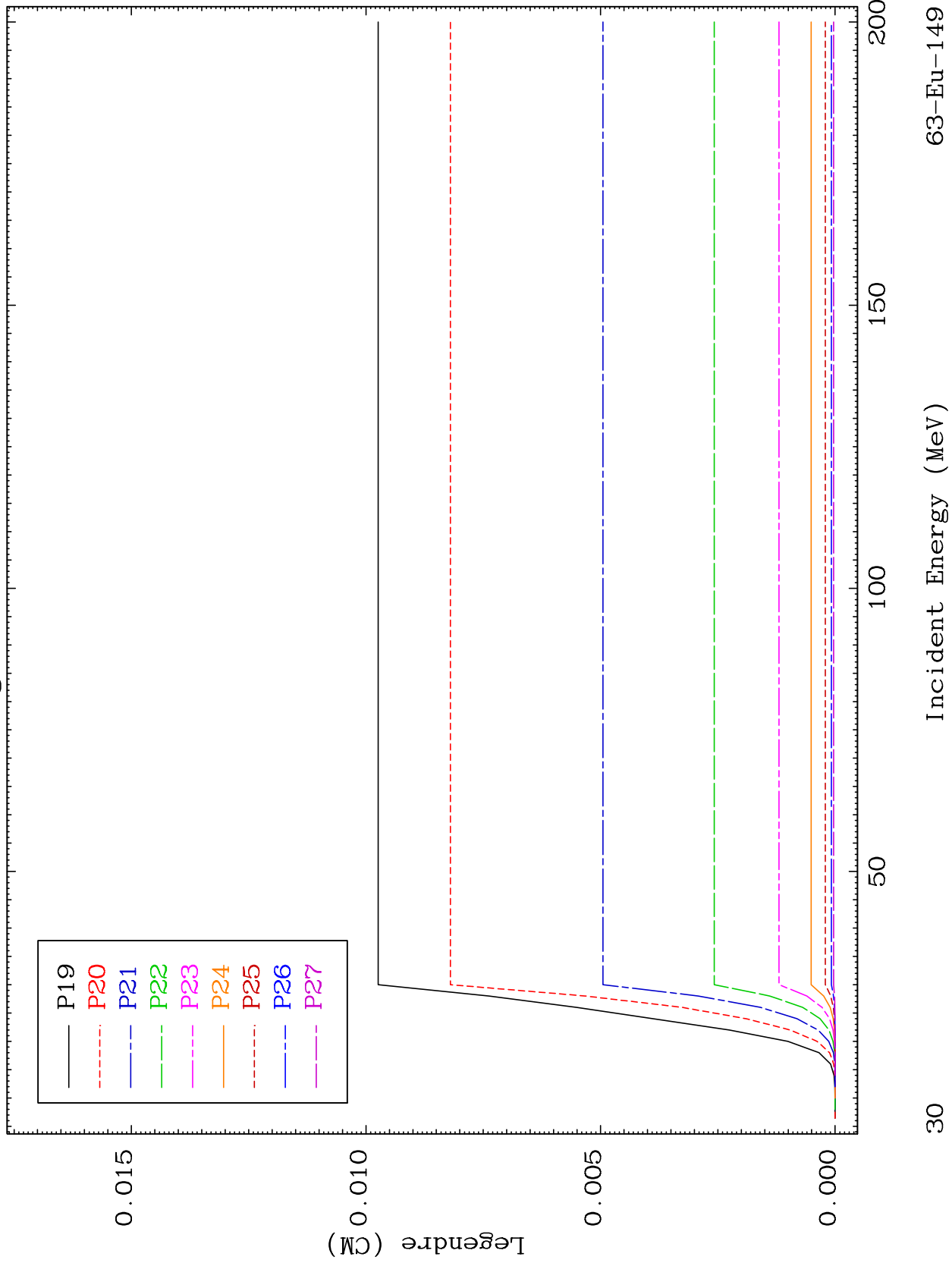
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

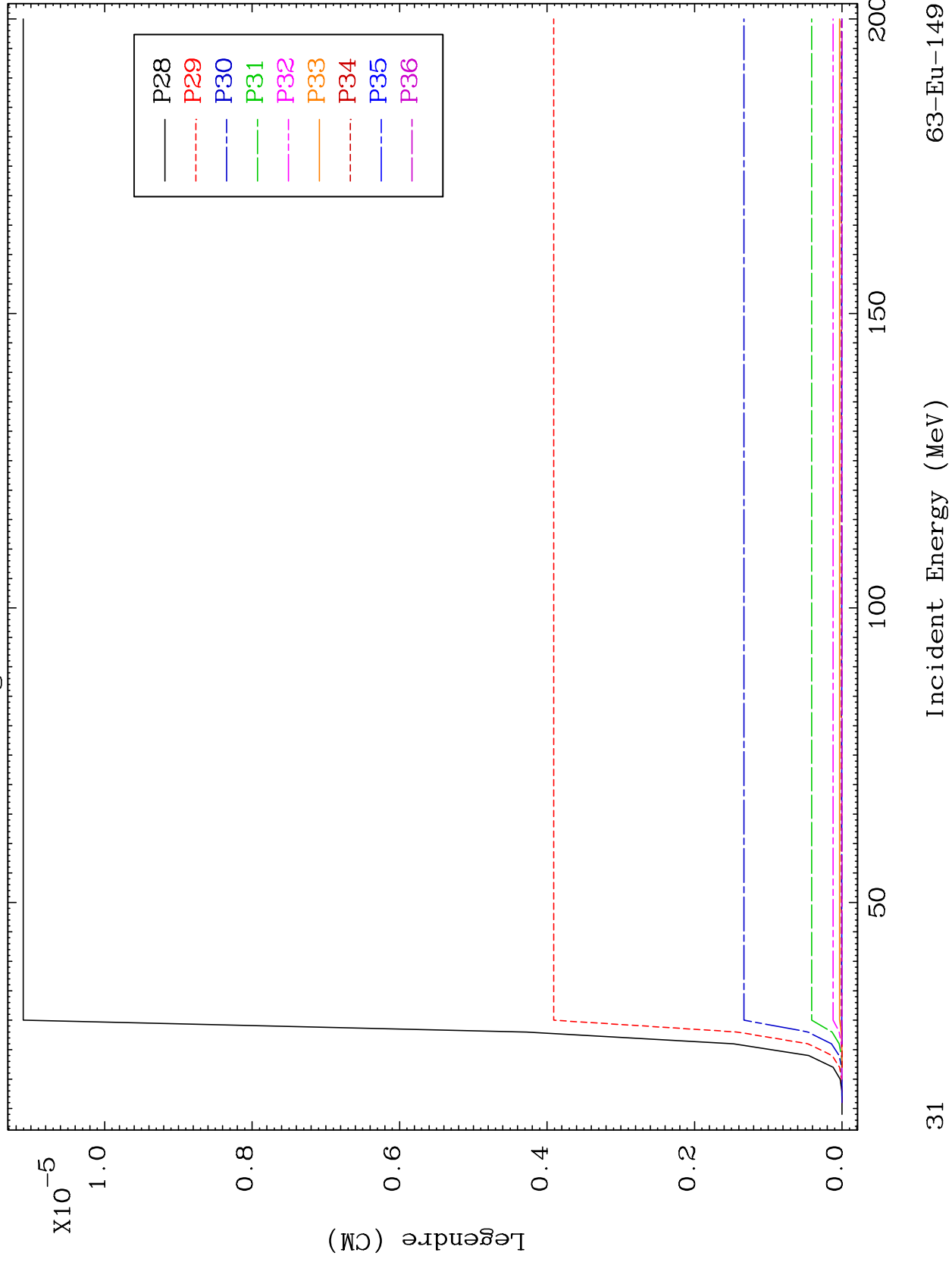
Incident Energy (MeV)

30

MAT 6319

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

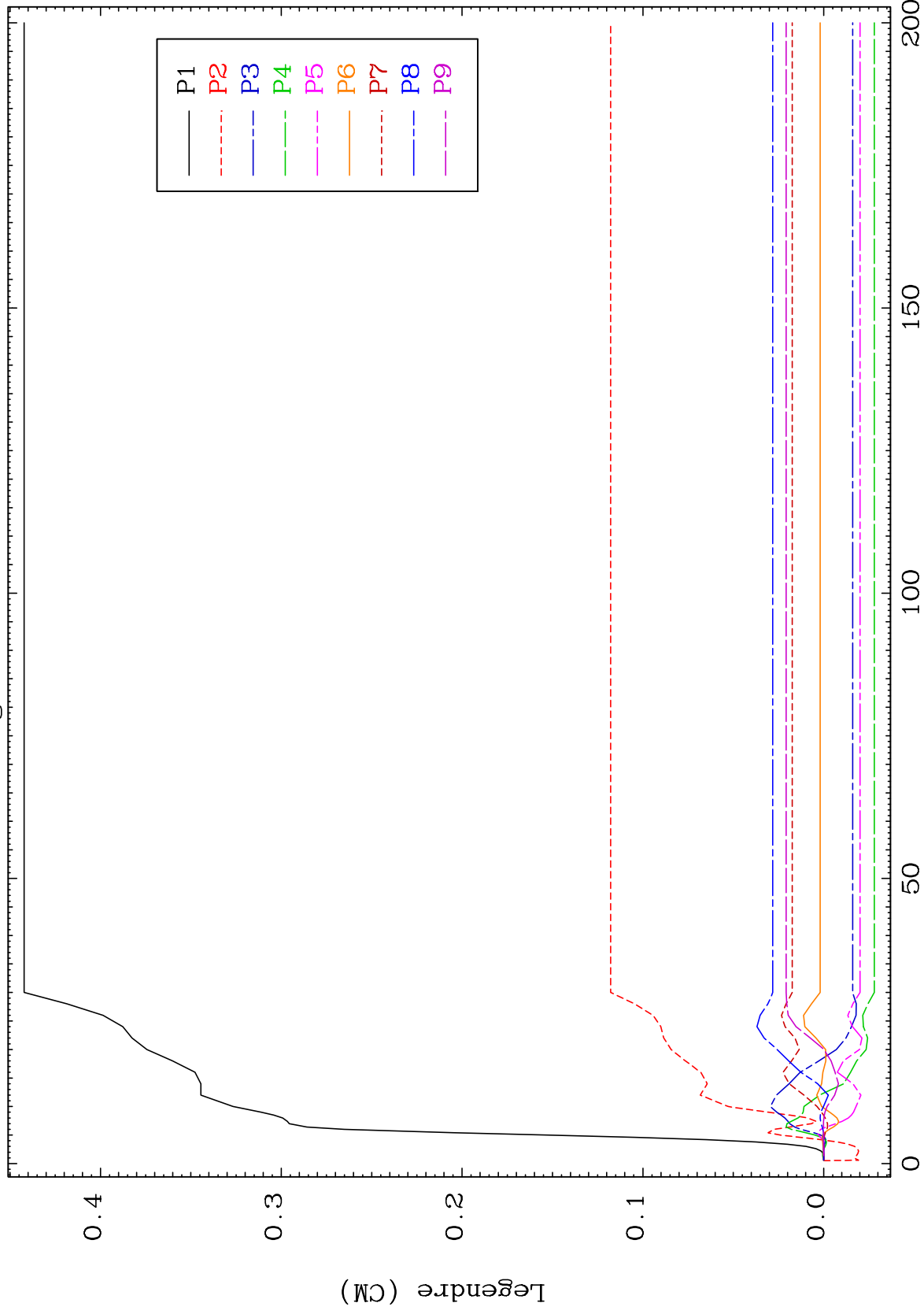
63-Eu-149



MAT 6319

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

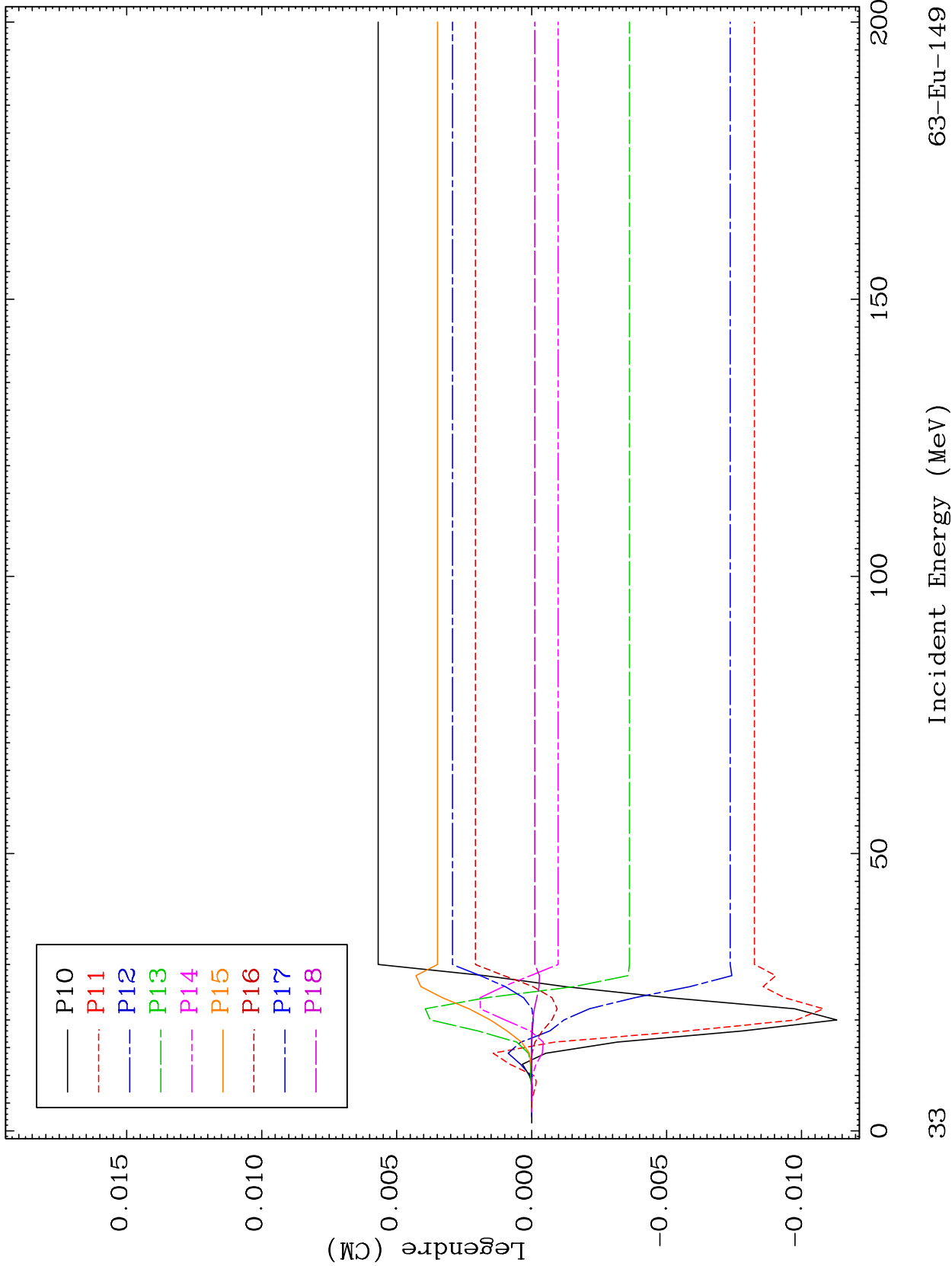
63-Eu-149



32

Incident Energy (MeV)

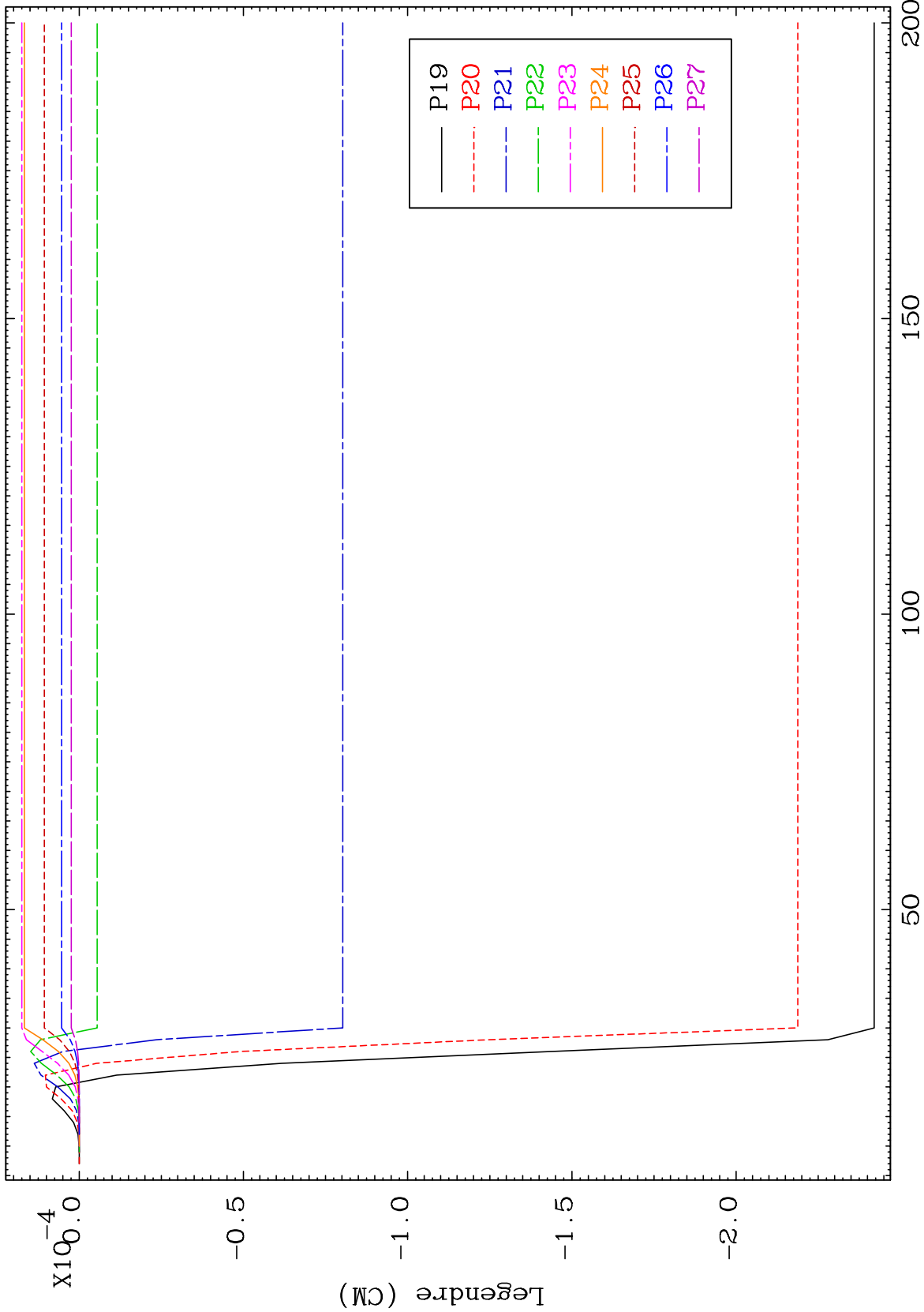
63-Eu-149



MAT 6319

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

63-Eu-149



34

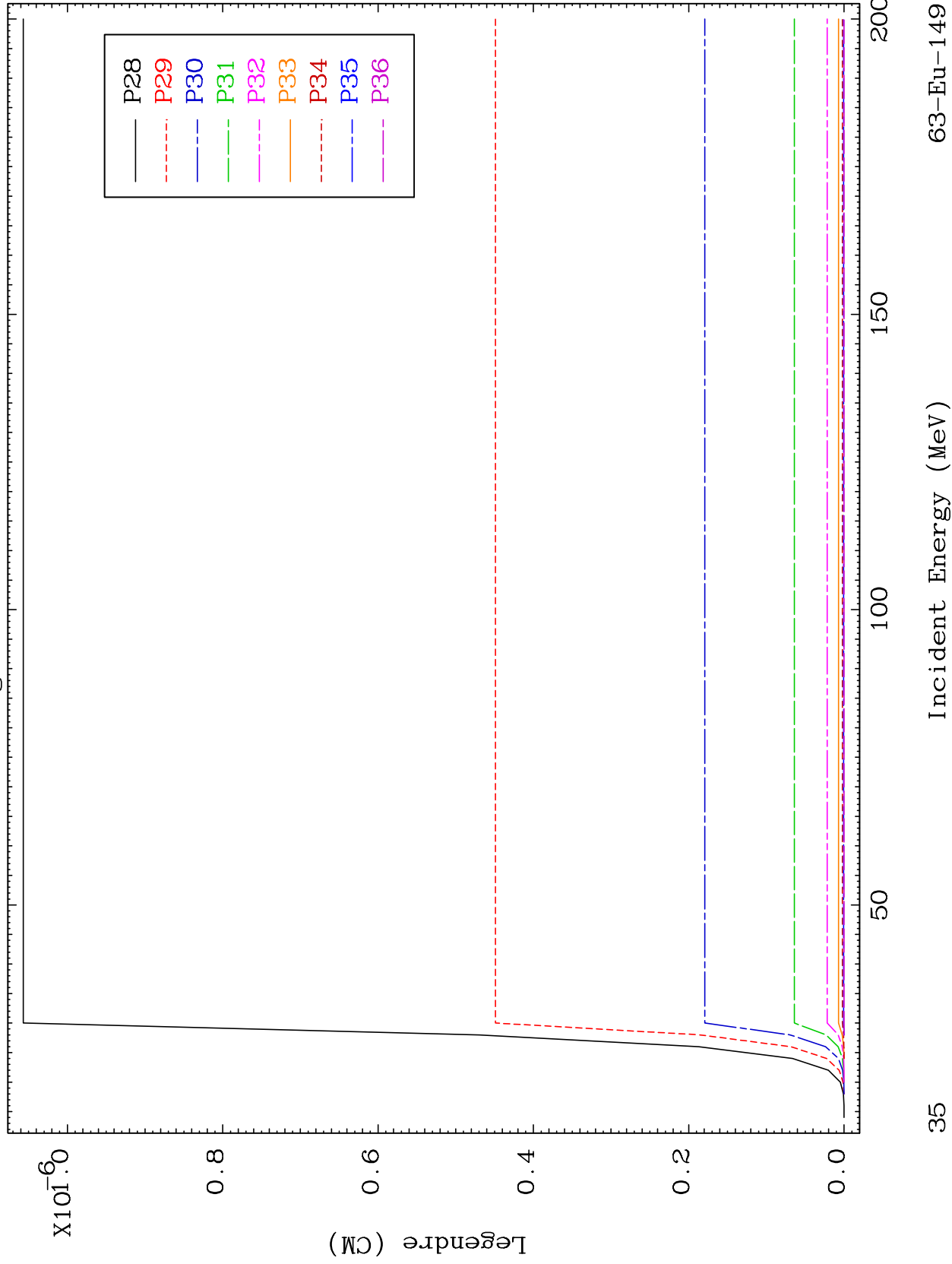
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



35

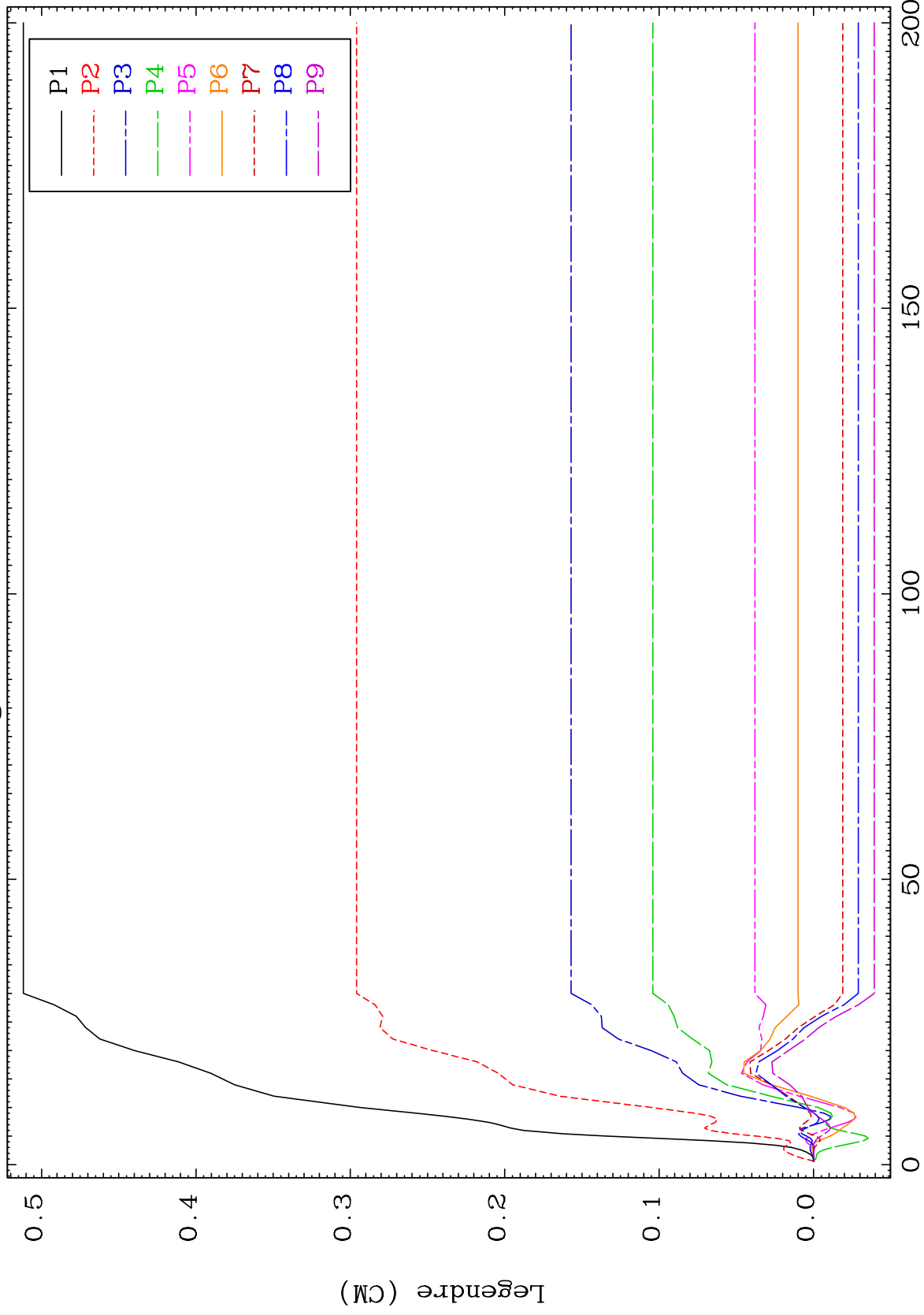
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



36

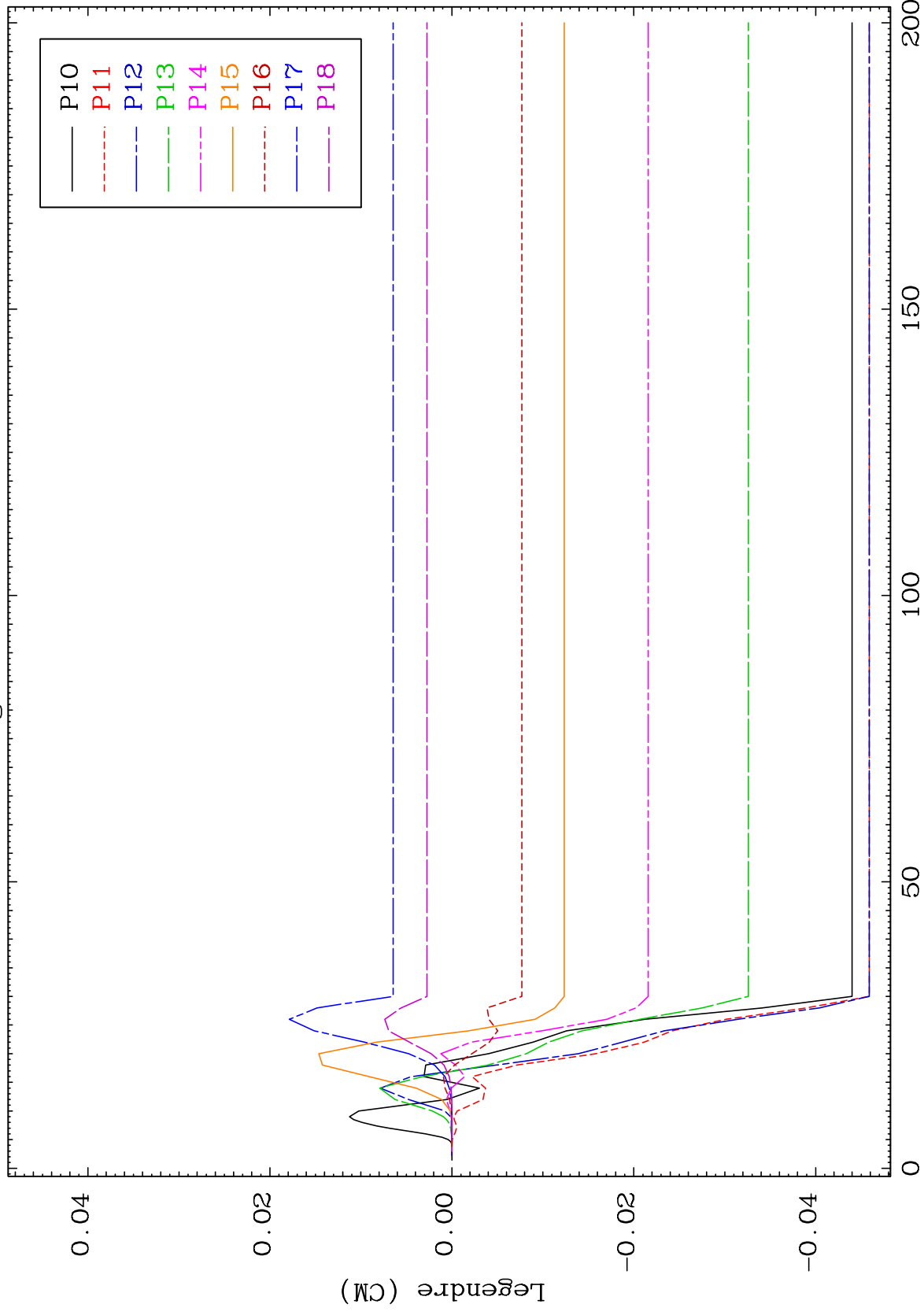
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



37

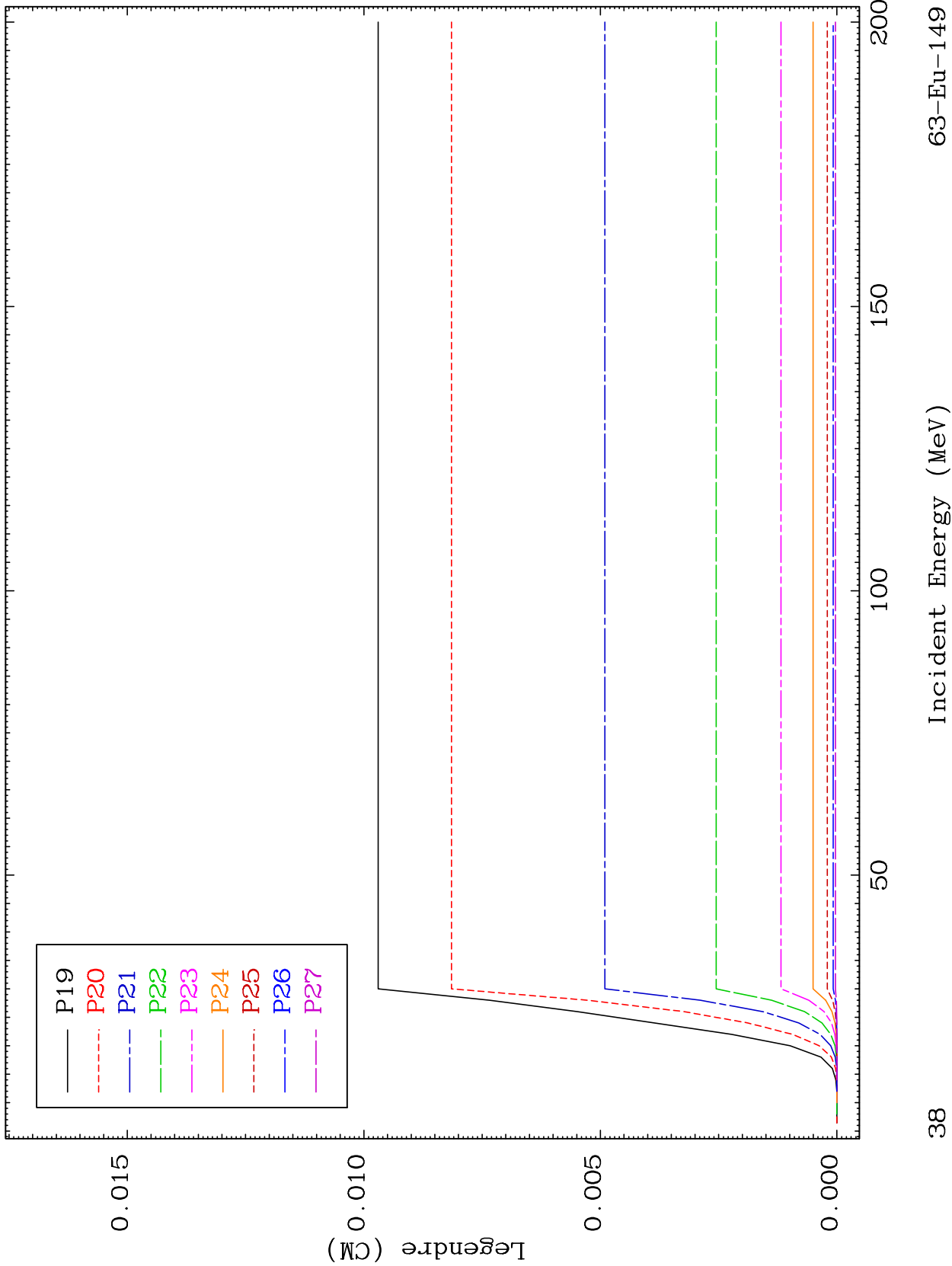
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



38

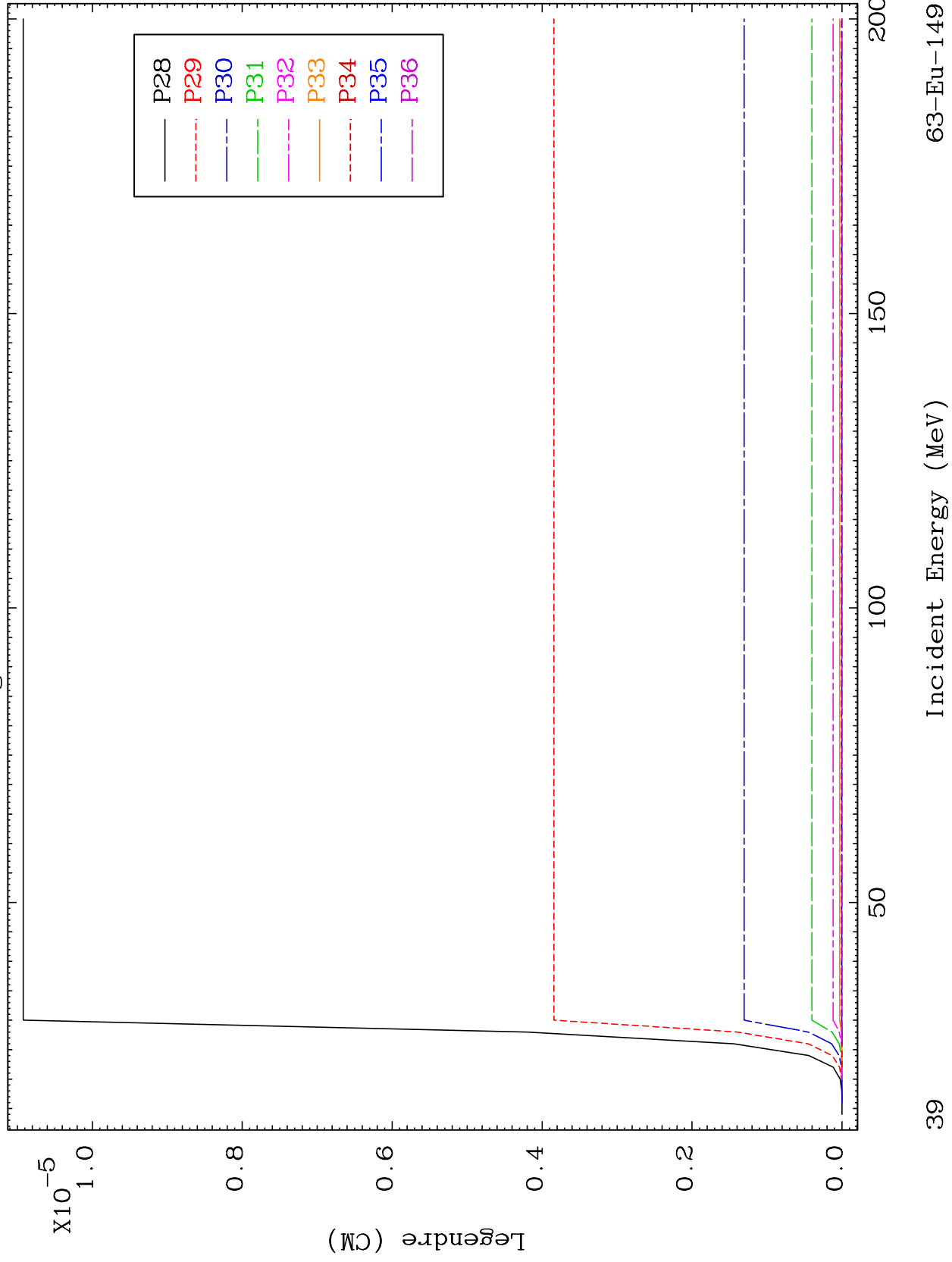
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



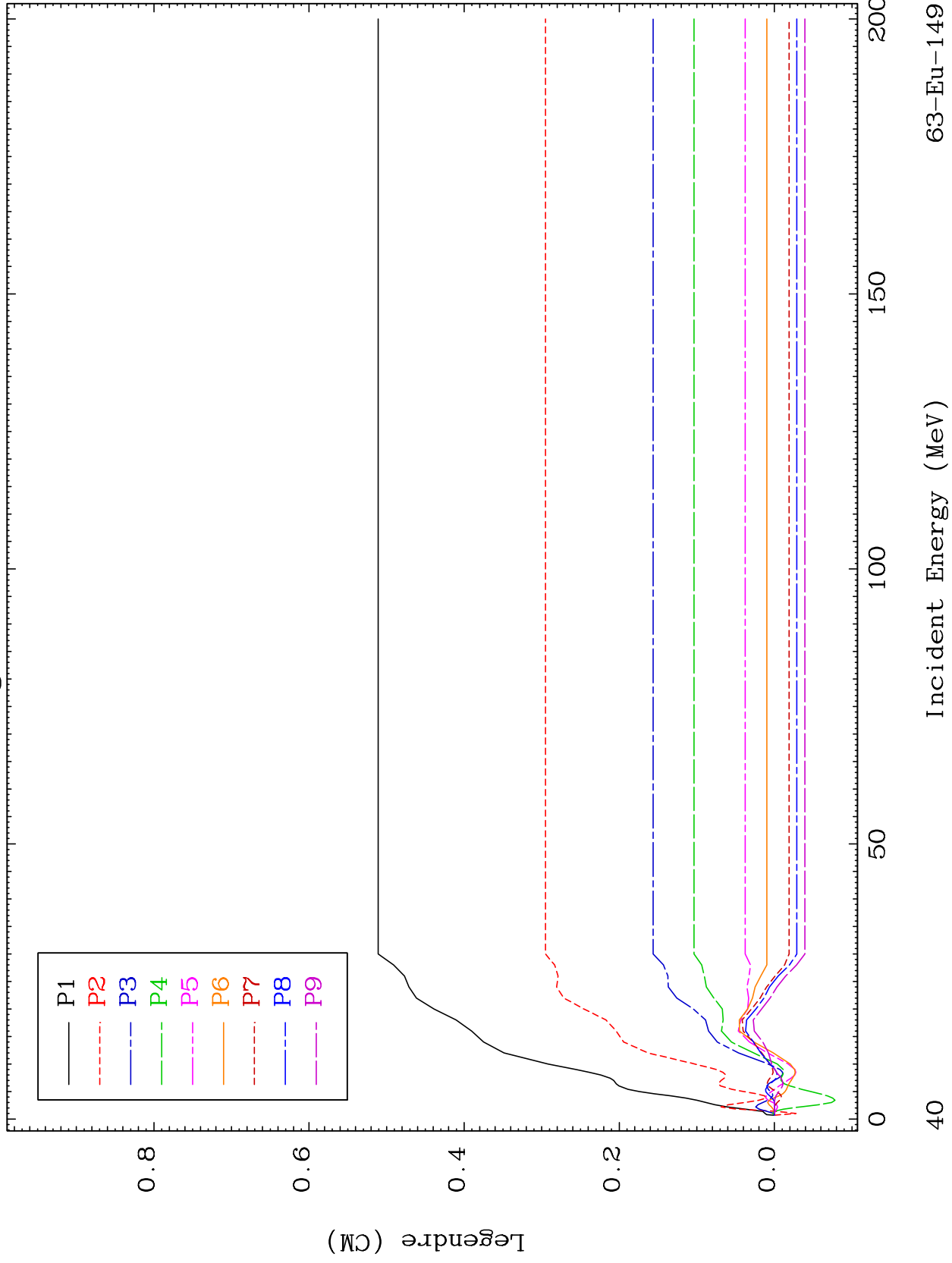
39

63-Eu-149

MAT 6319

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

63-Eu-149

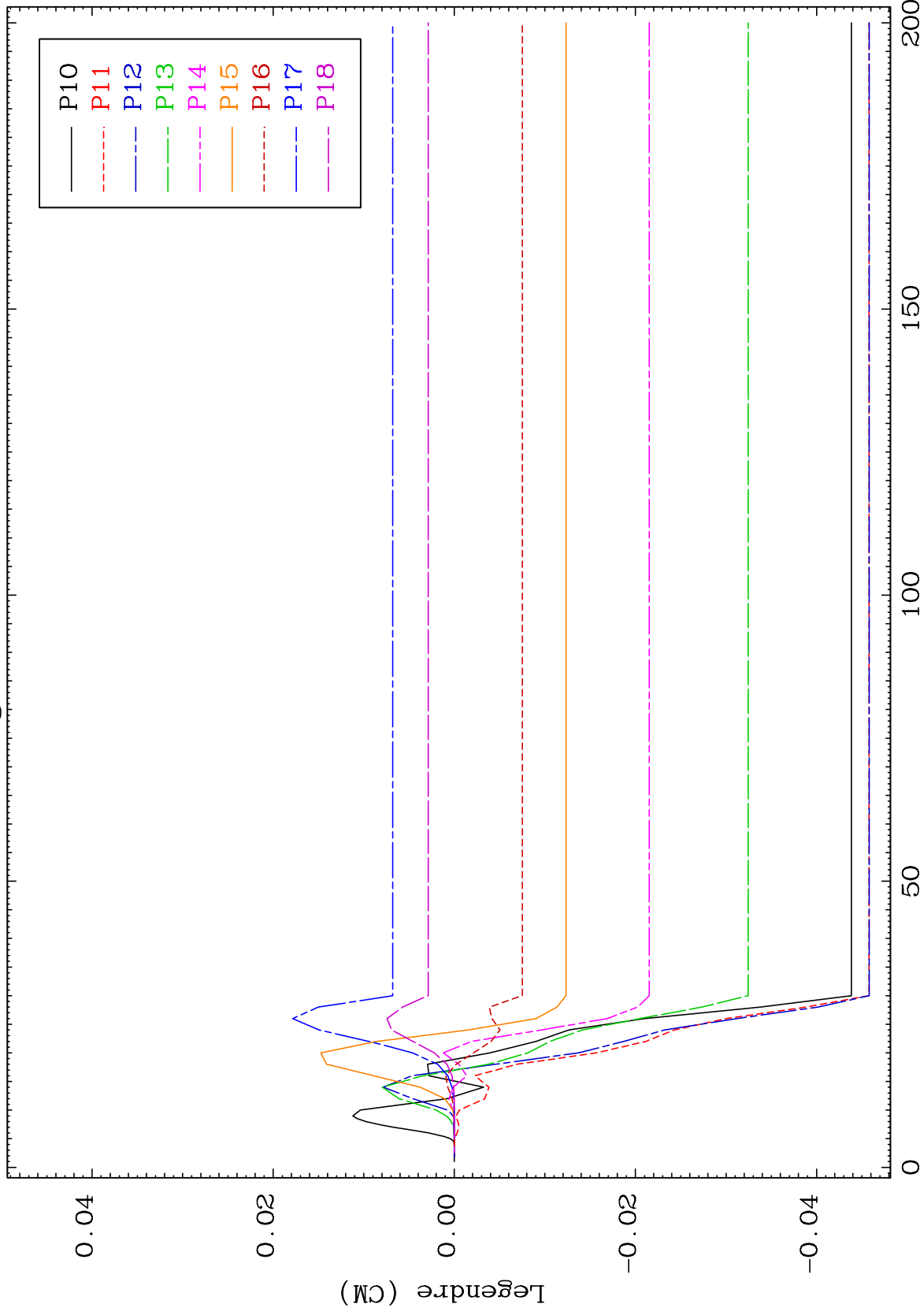


63-Eu-149

MAT 6319

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

63-Eu-149



41

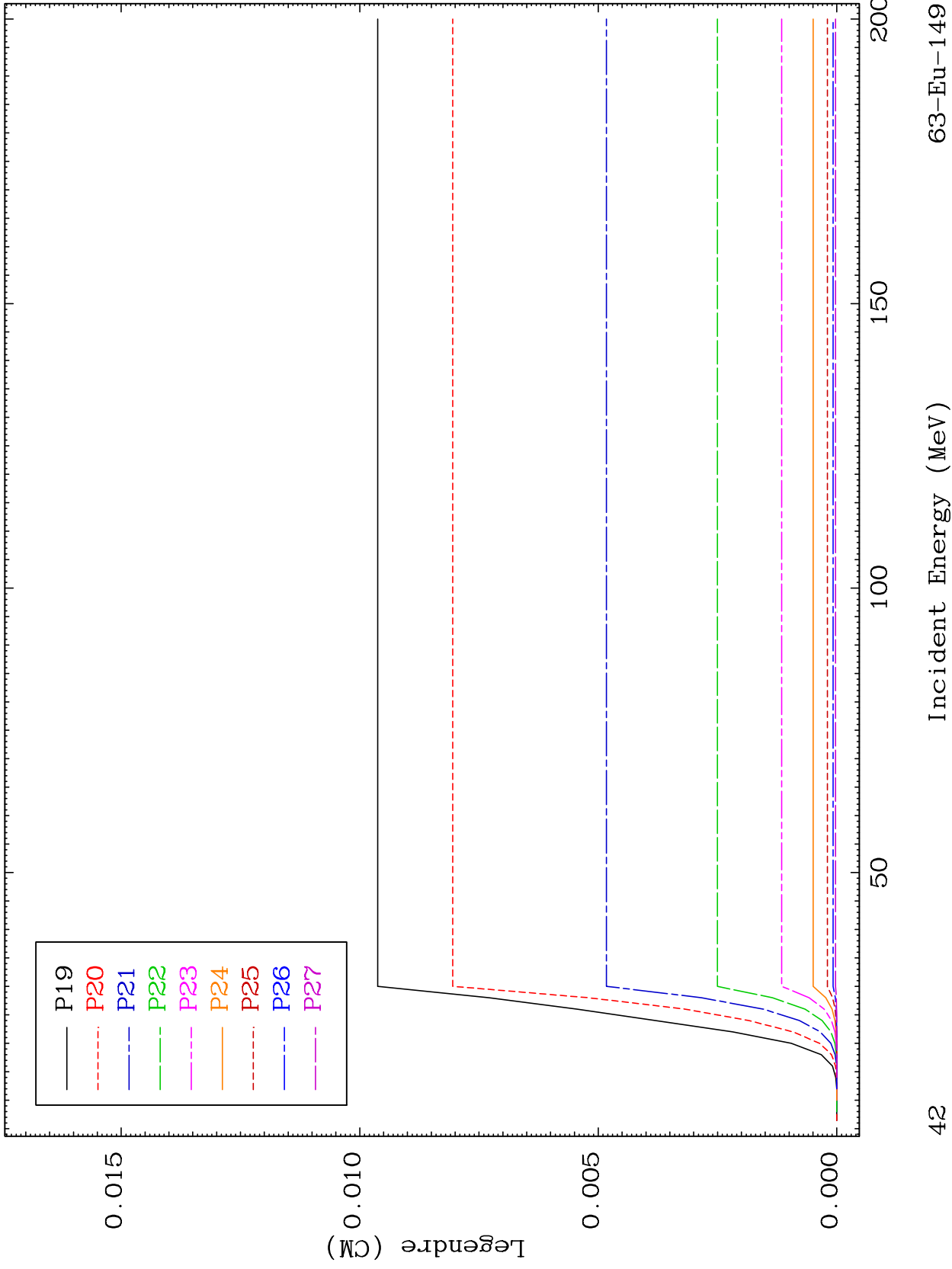
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

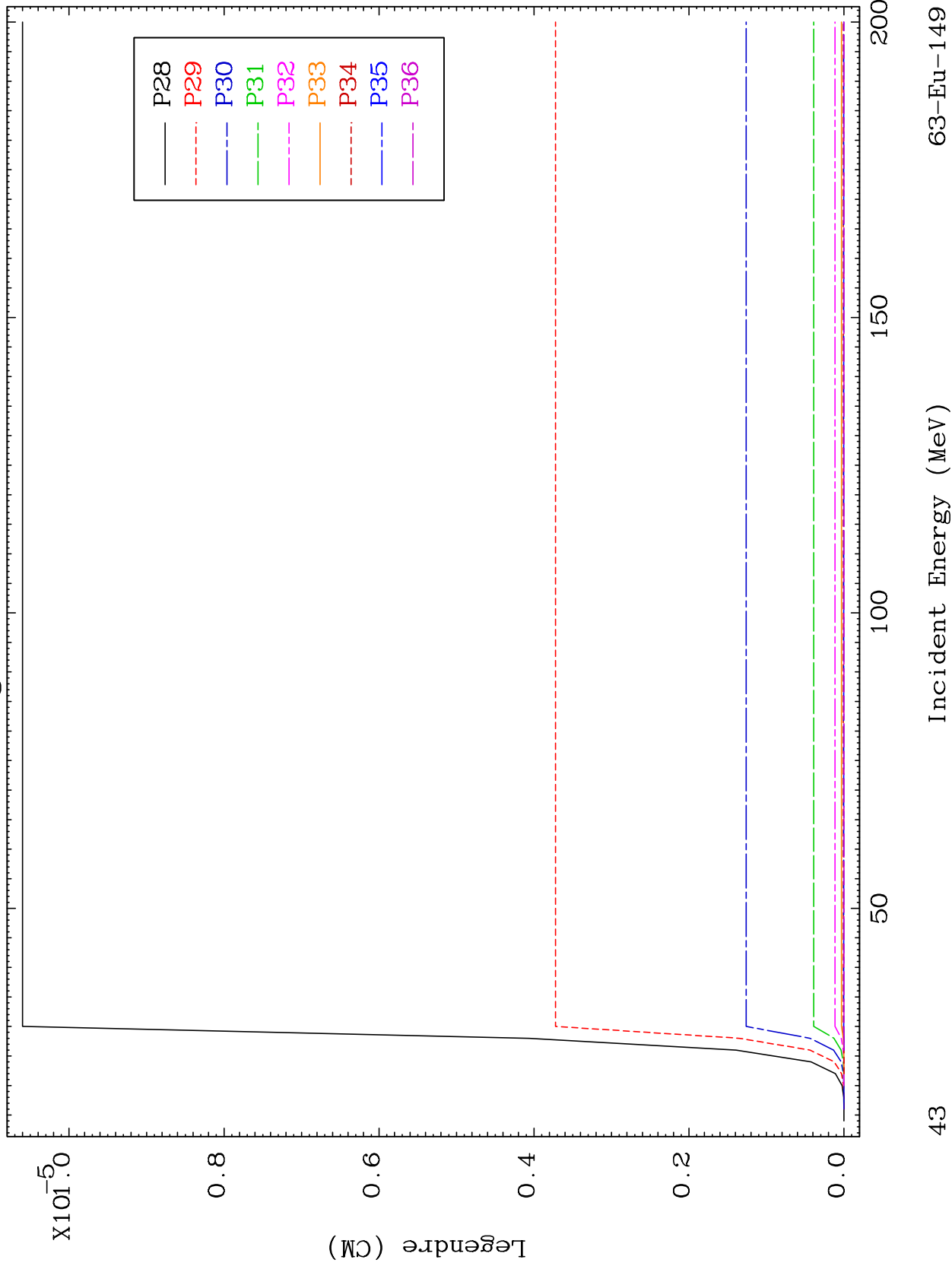
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MAT 6319

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

63-Eu-149



43

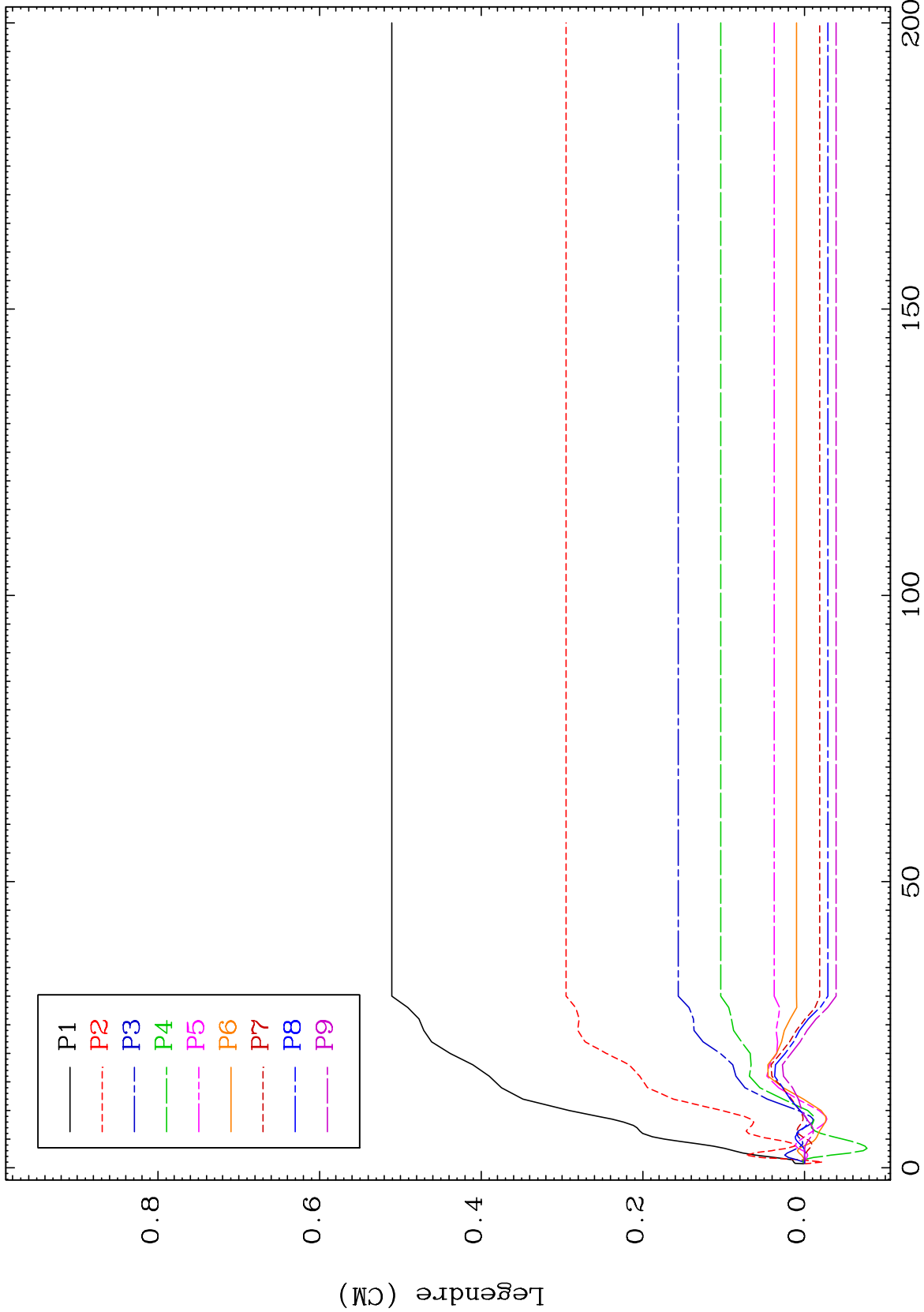
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



44

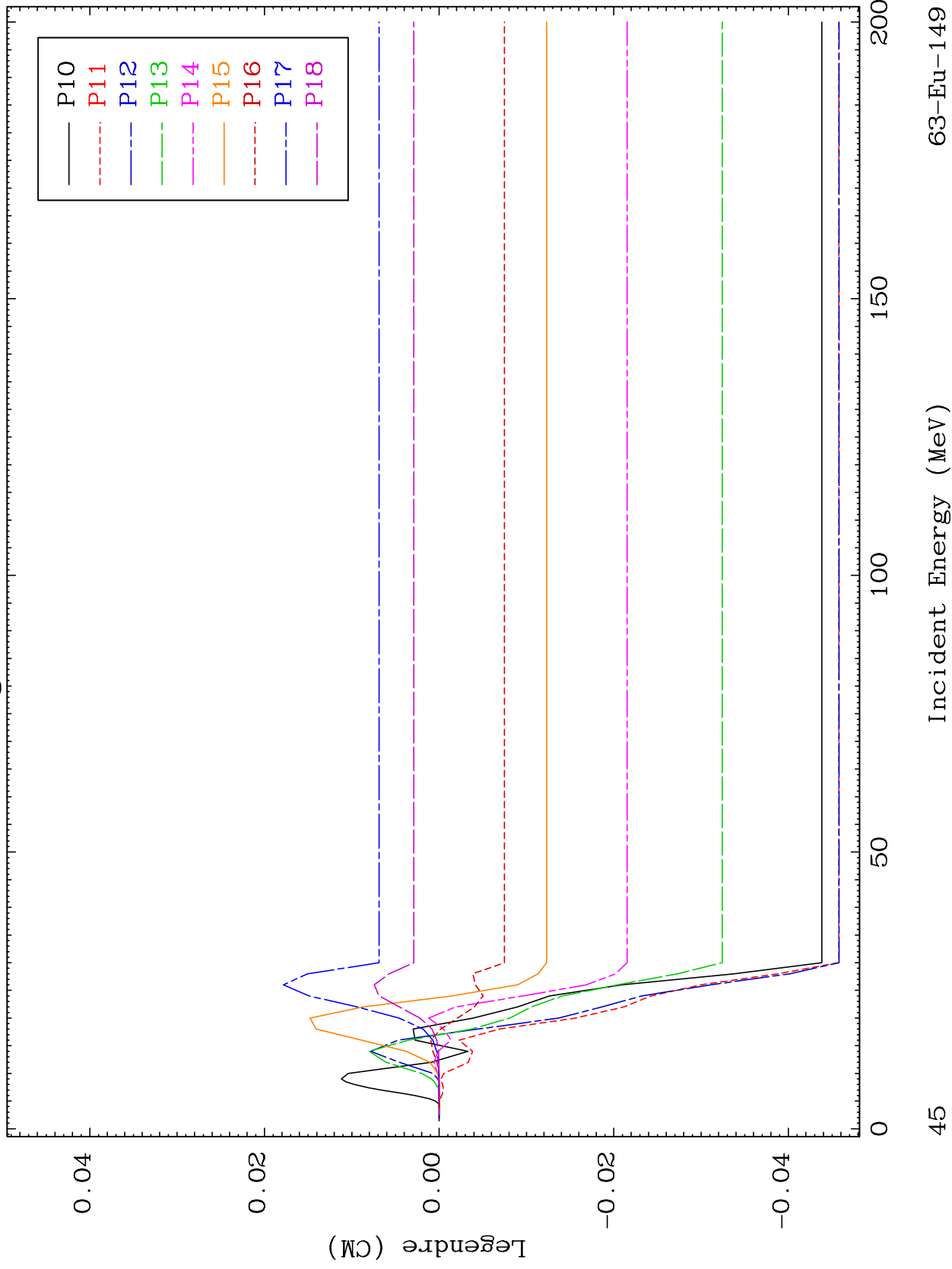
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

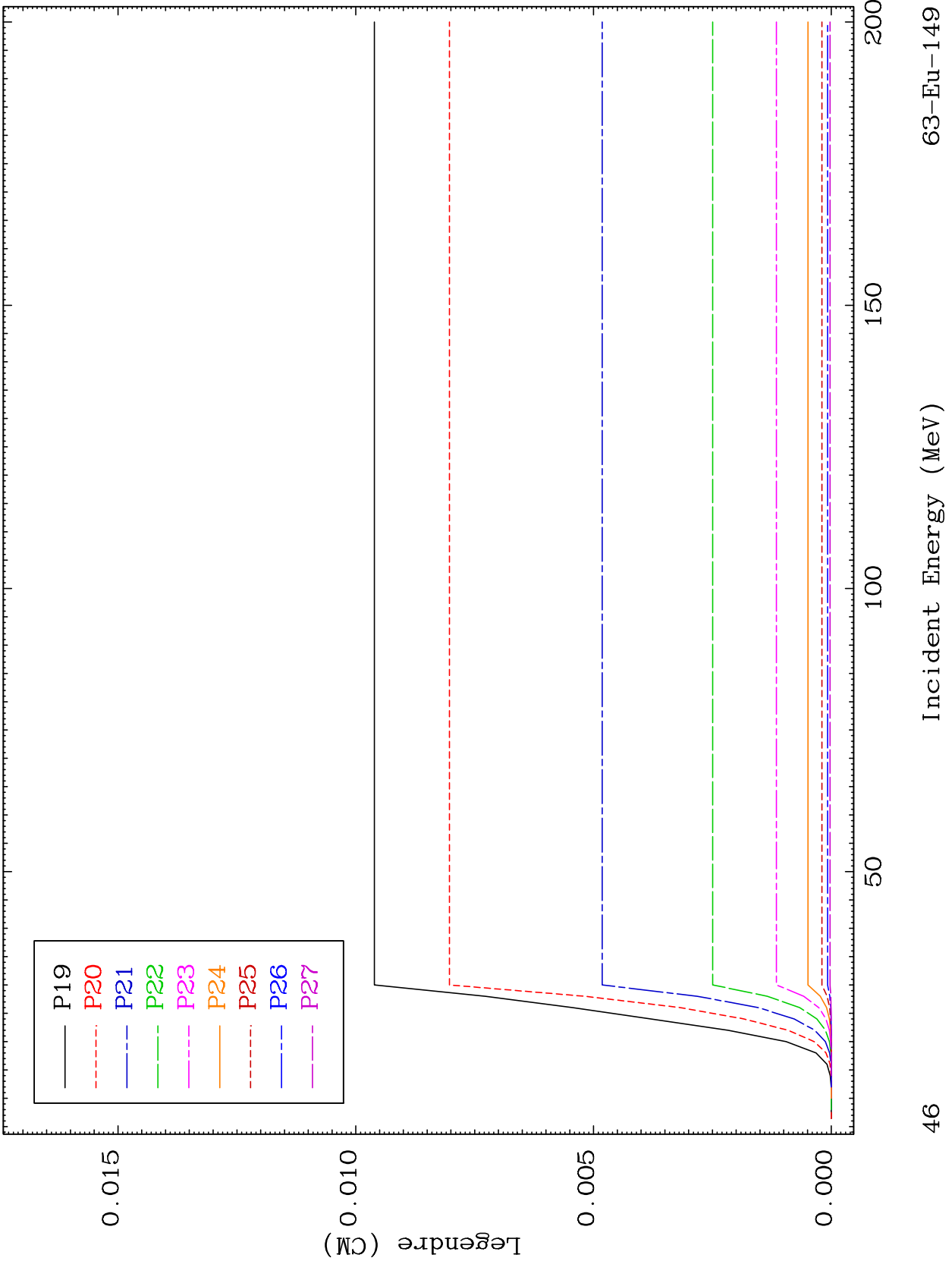
Incident Energy (MeV)

45

MAT 6319

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

63-Eu-149



46

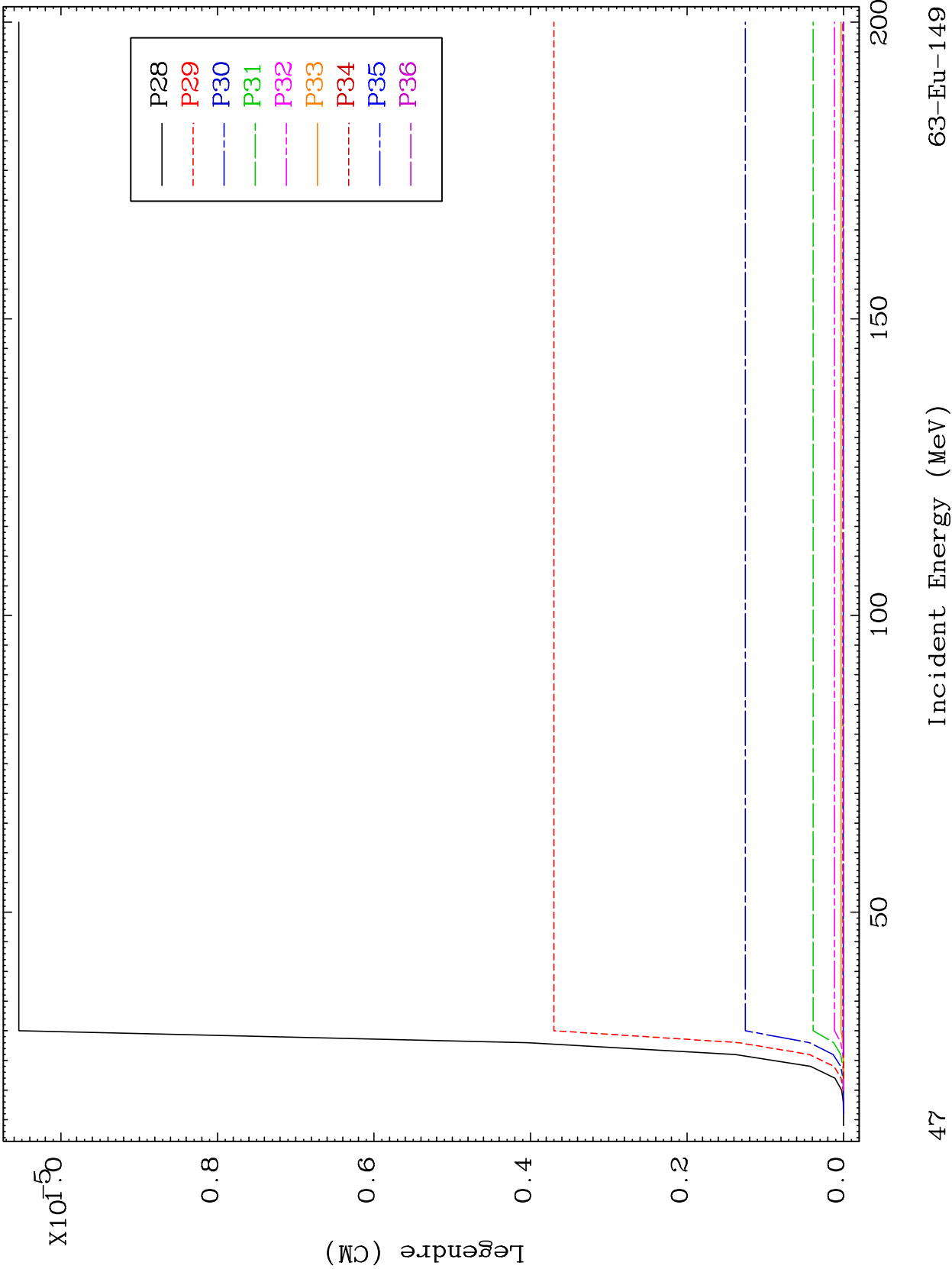
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



47

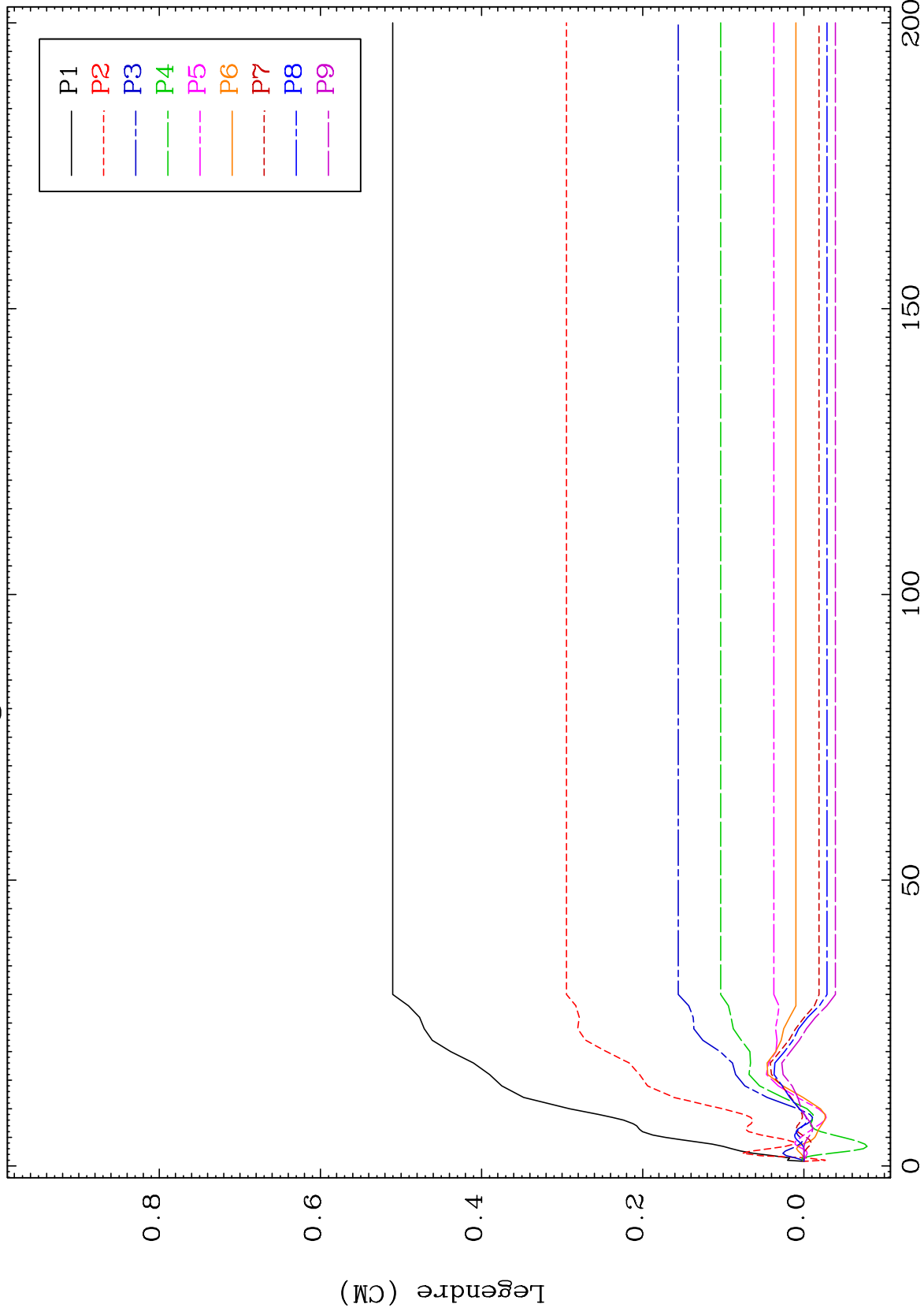
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



48

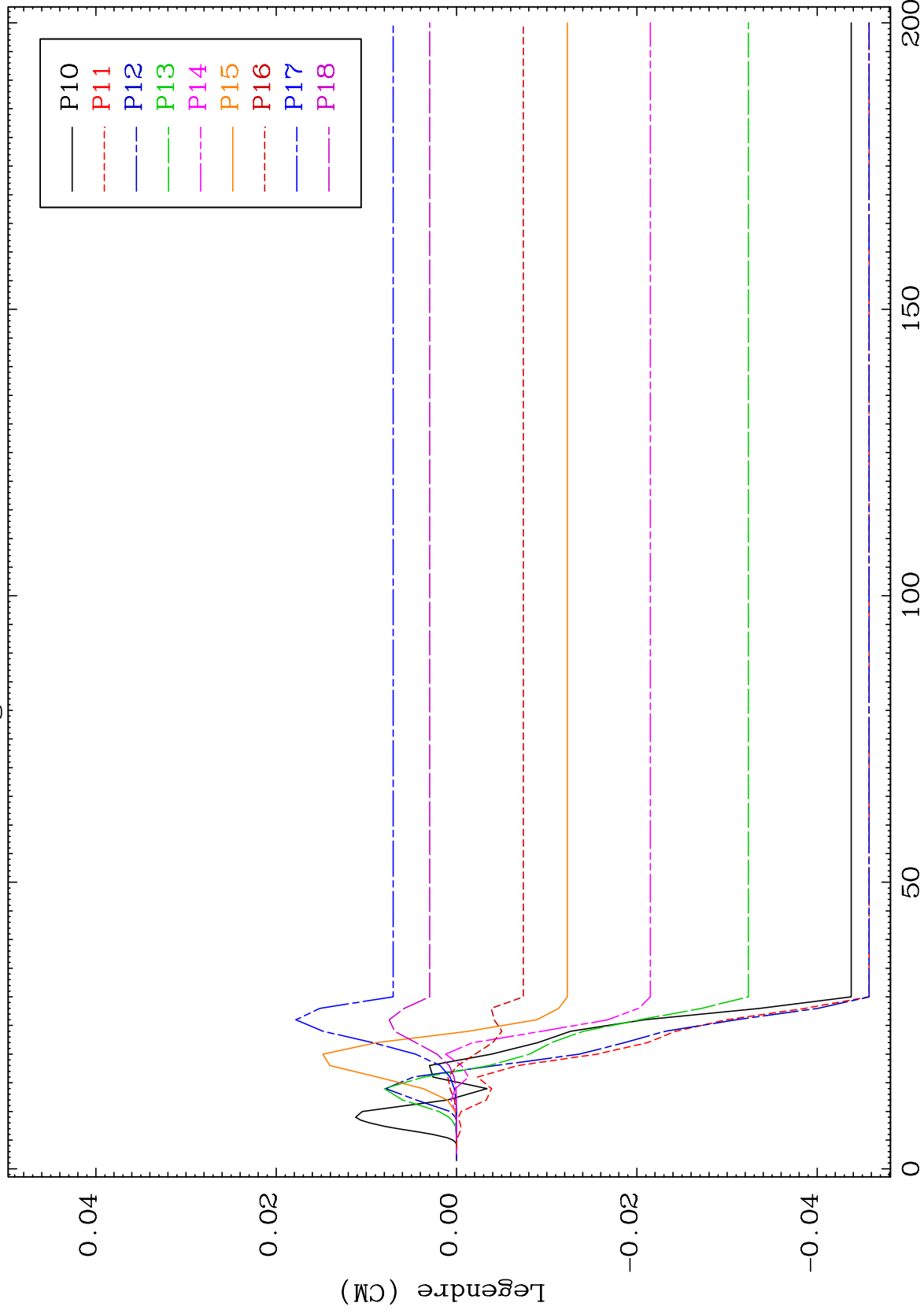
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



49

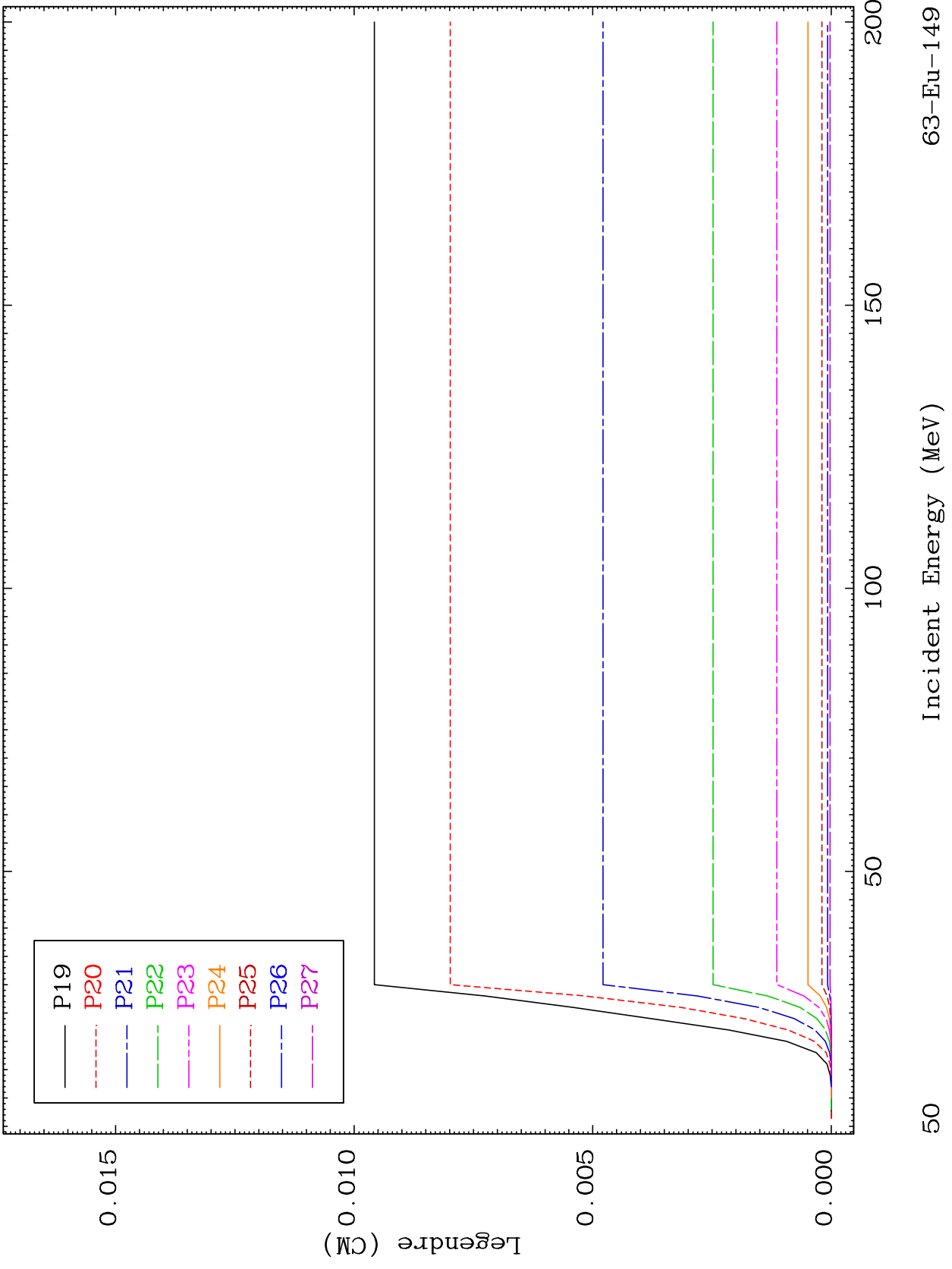
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

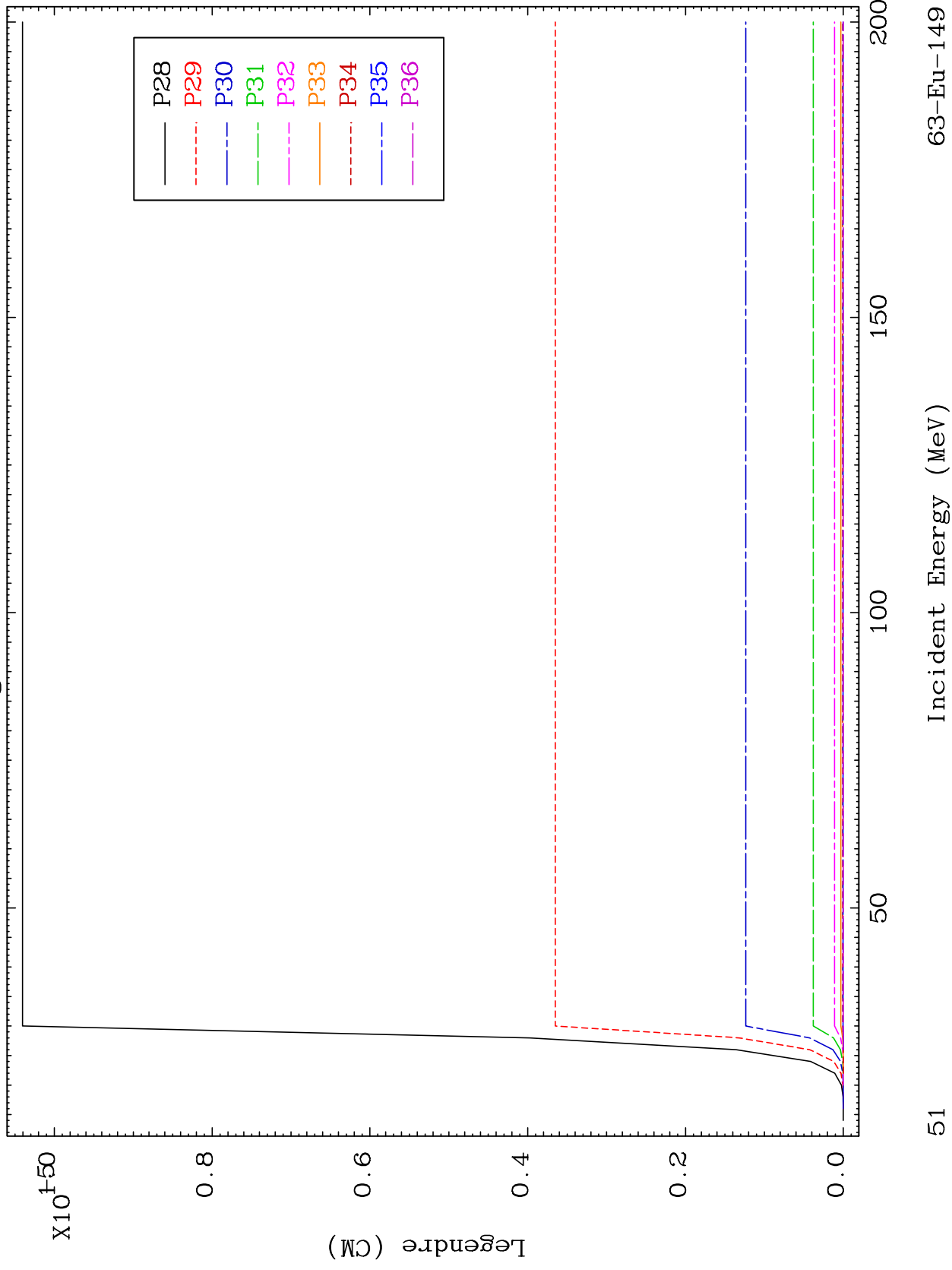
Incident Energy (MeV)

50

MAT 6319

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

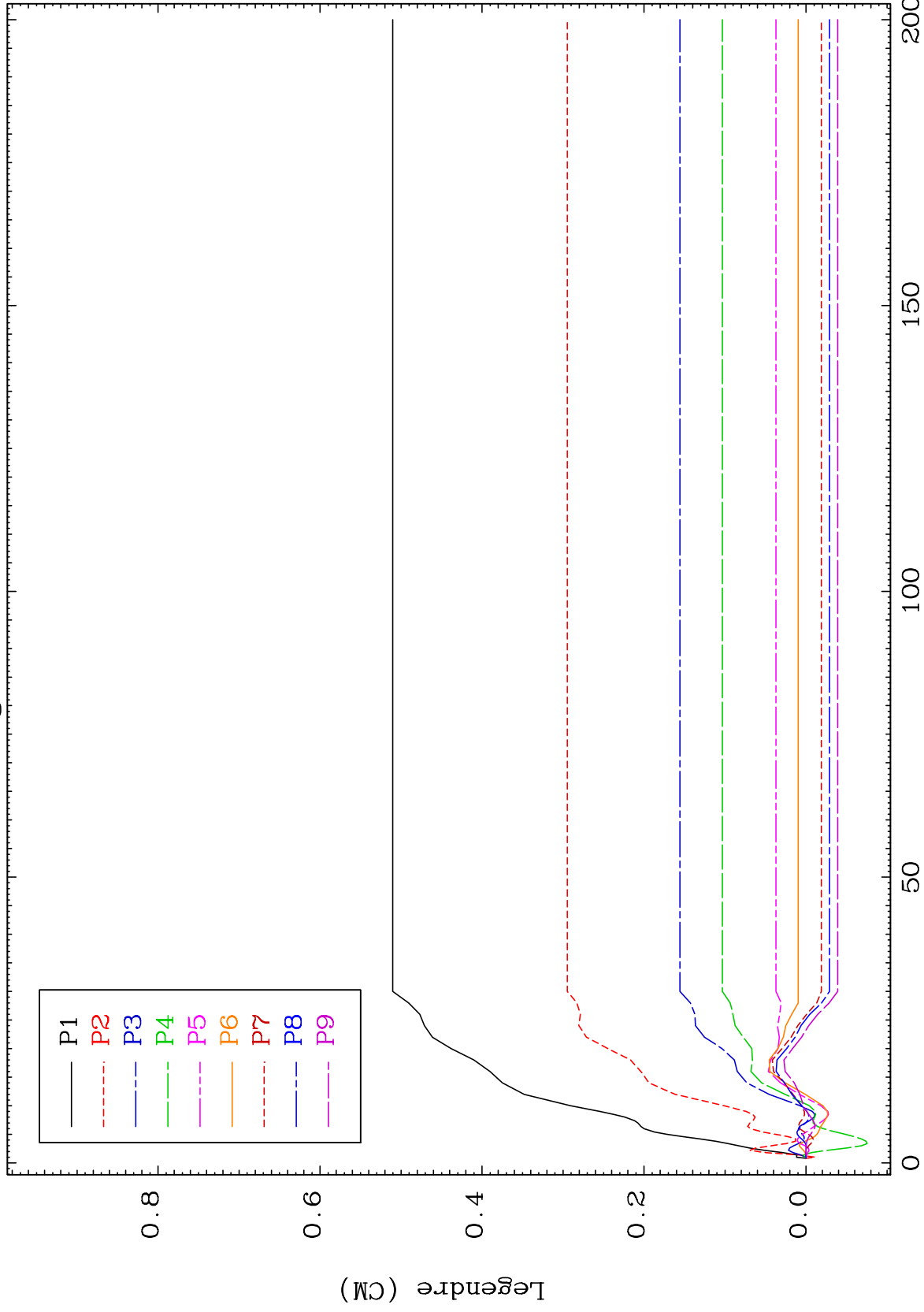
63-Eu-149



MAT 6319

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

63-Eu-149



52

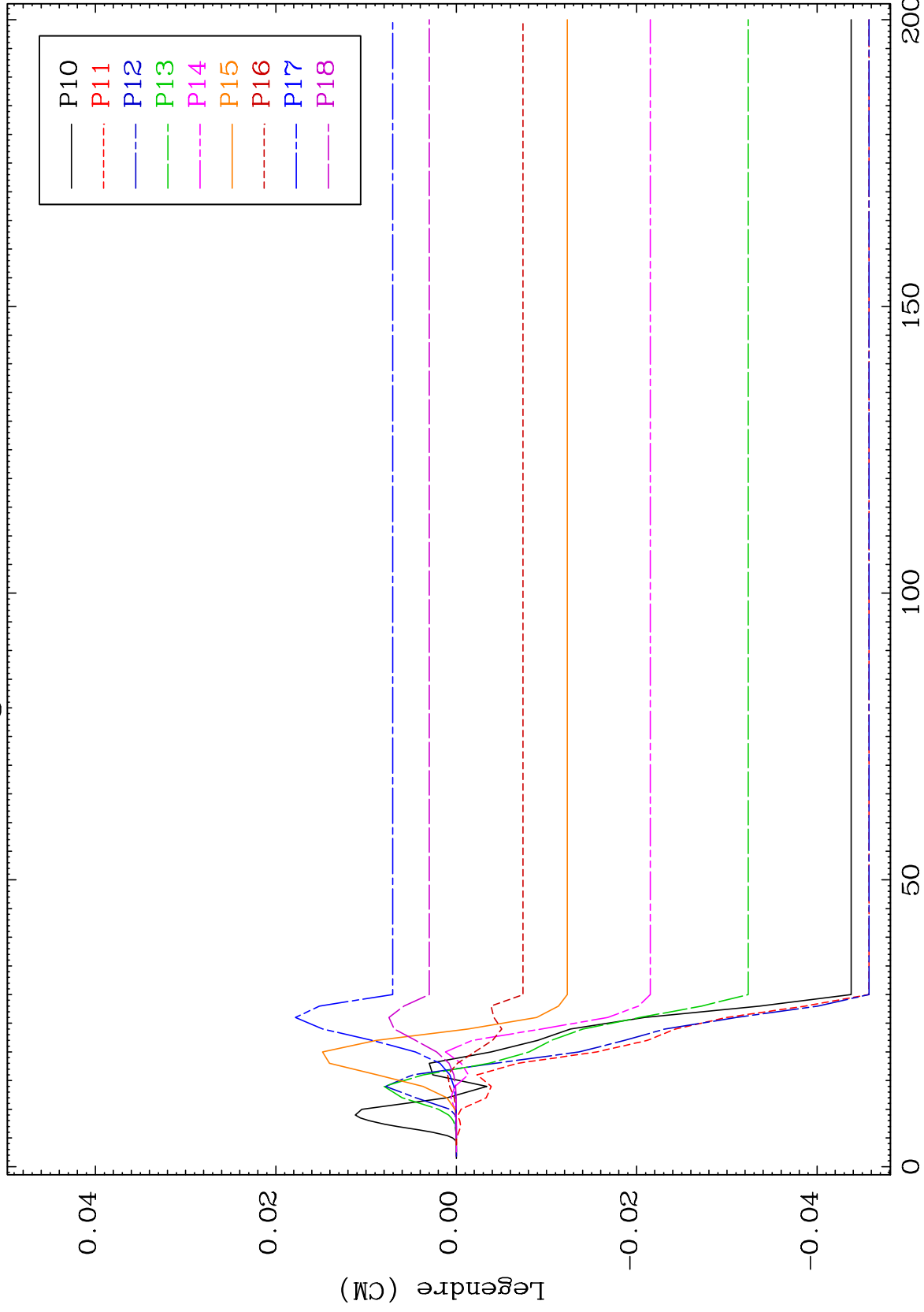
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

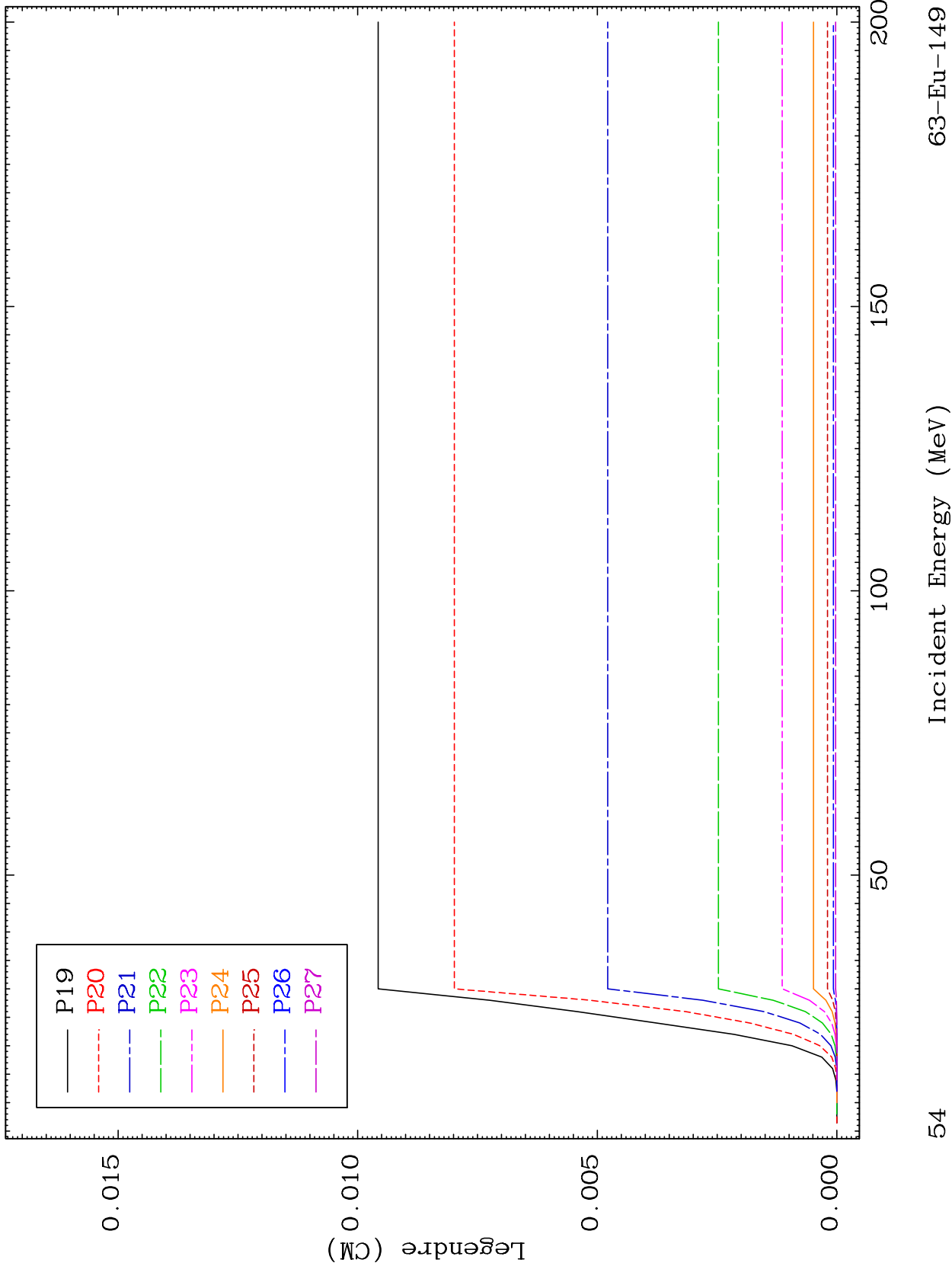
63-Eu-149



53

Incident Energy (MeV)

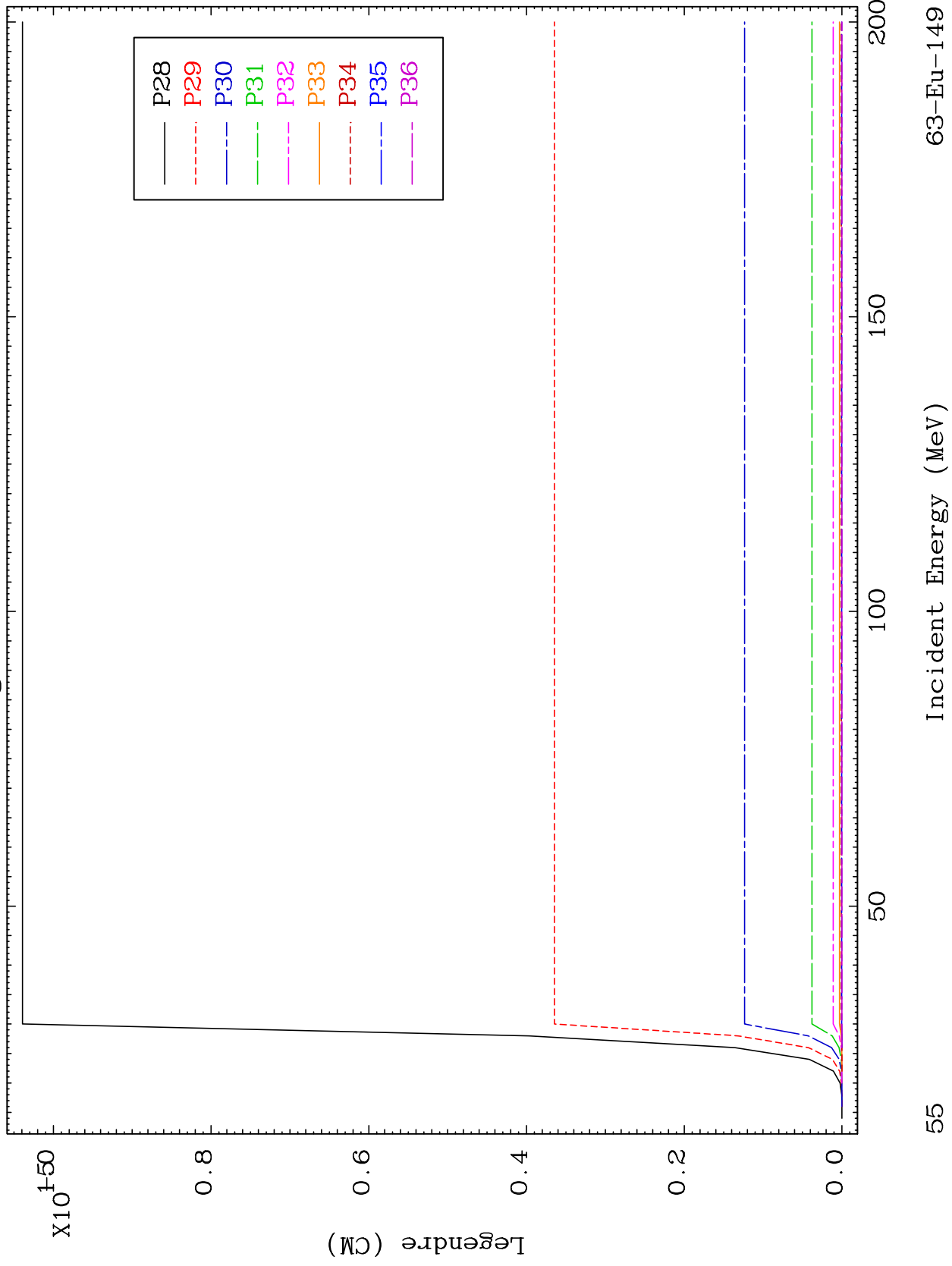
63-Eu-149



MAT 6319

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

63-Eu-149



55

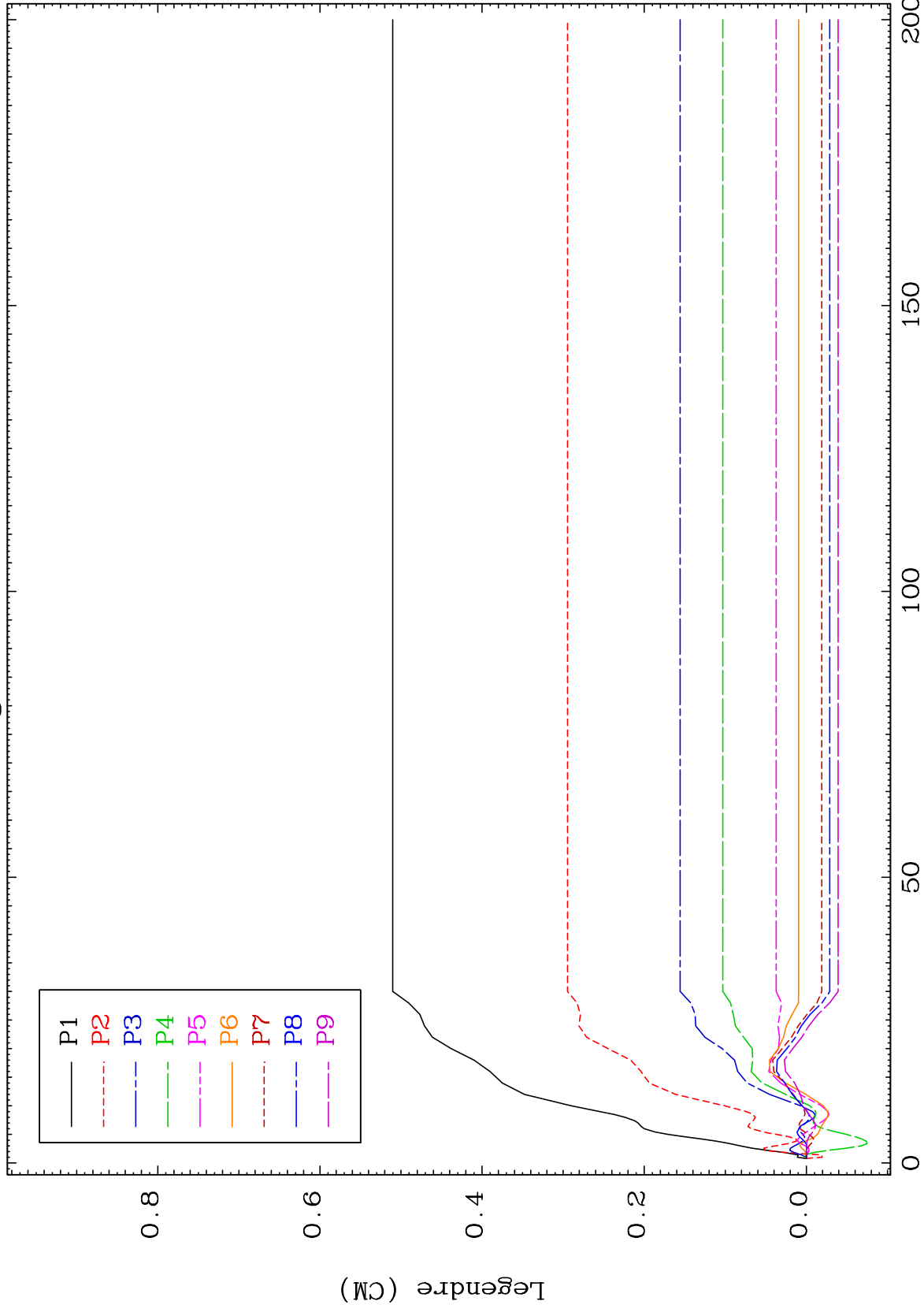
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



56

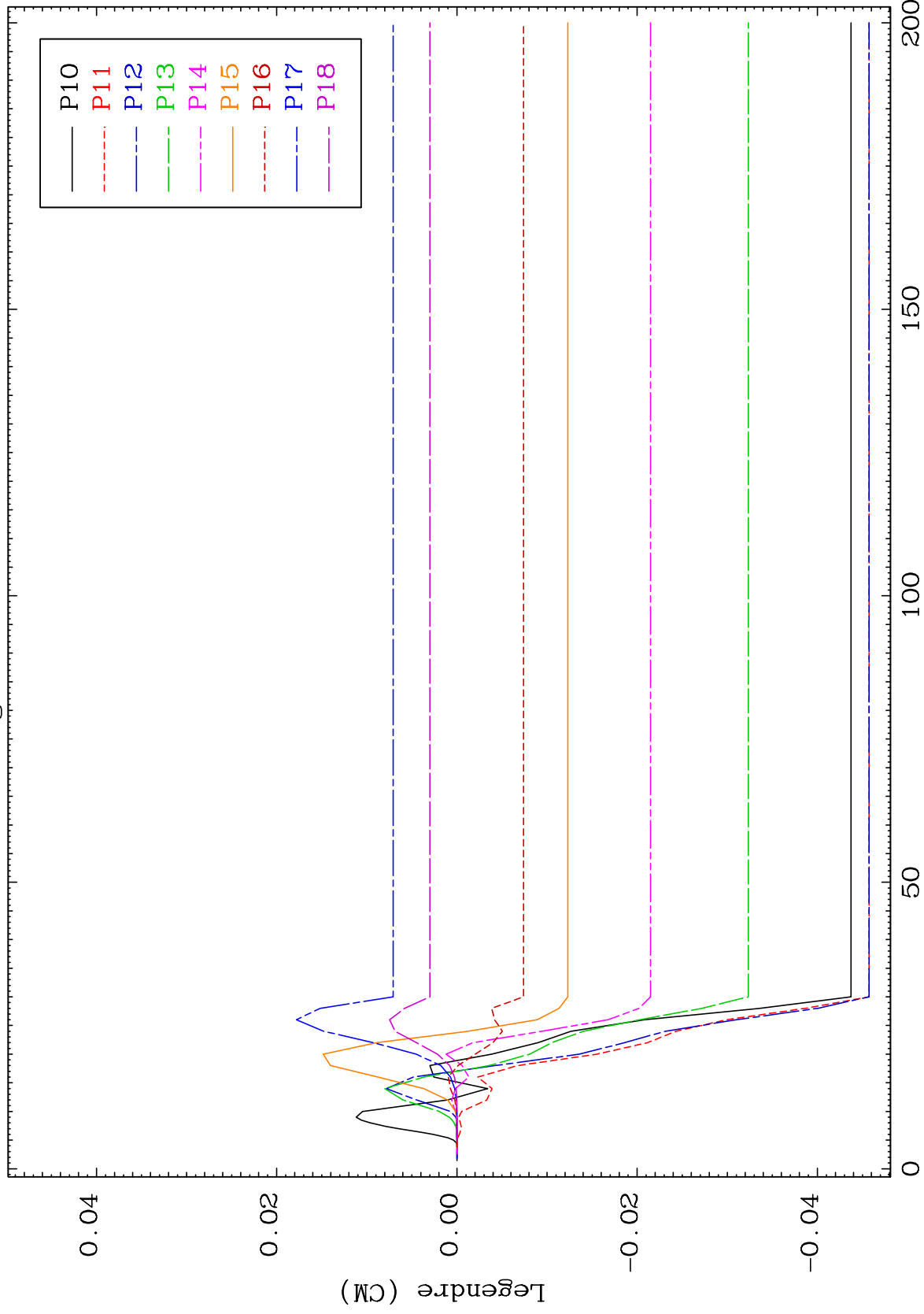
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



57

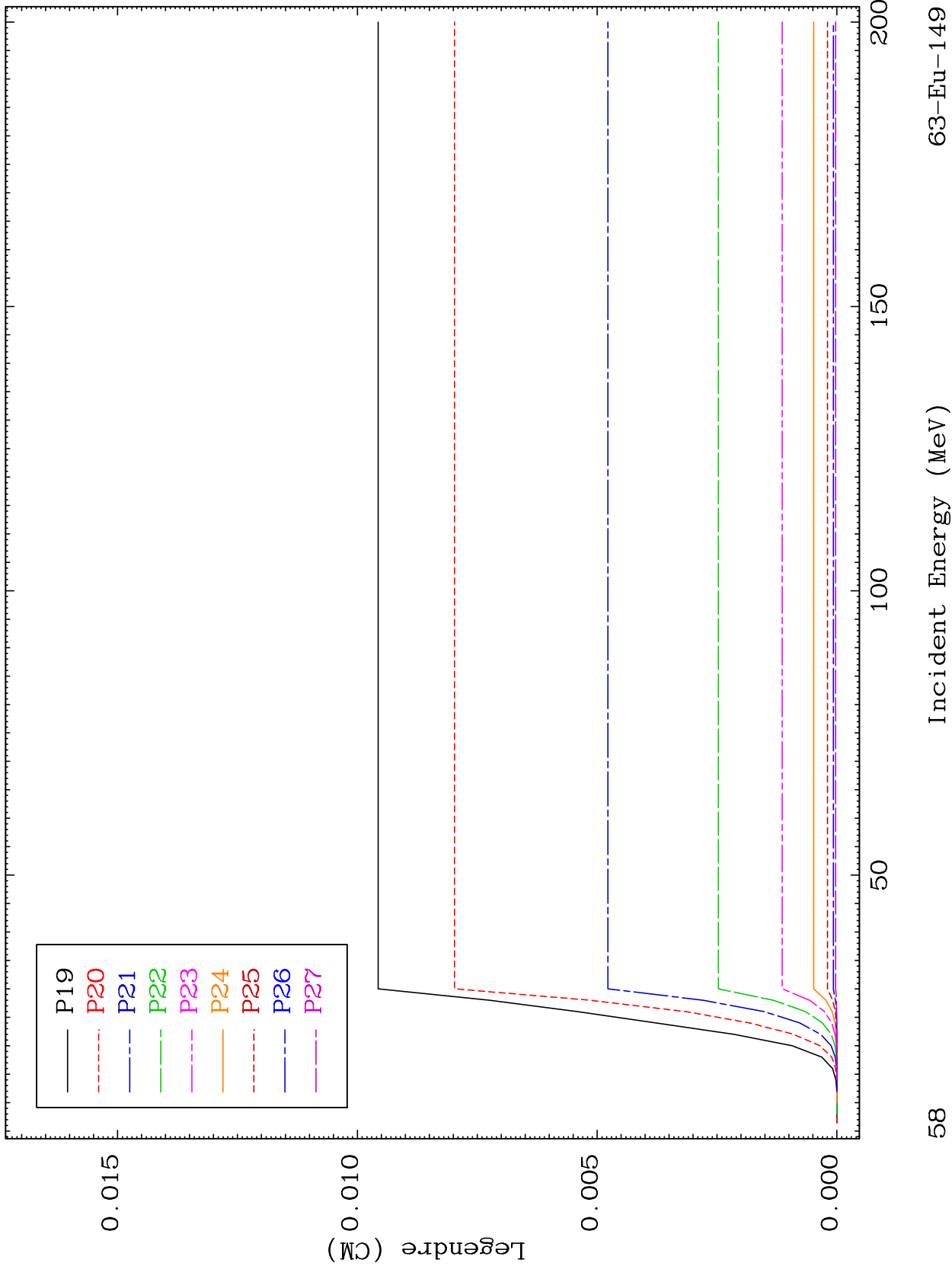
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



58

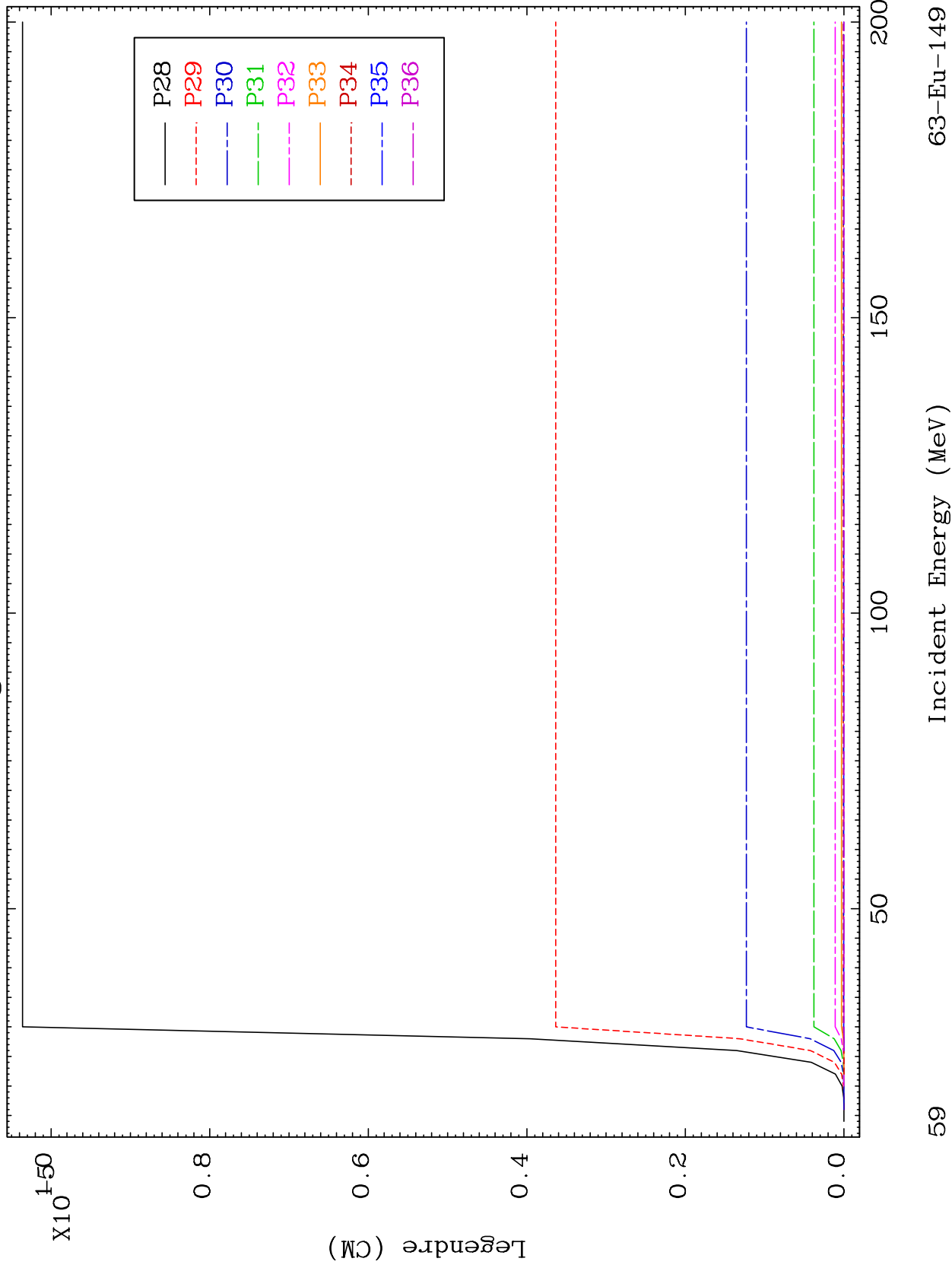
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



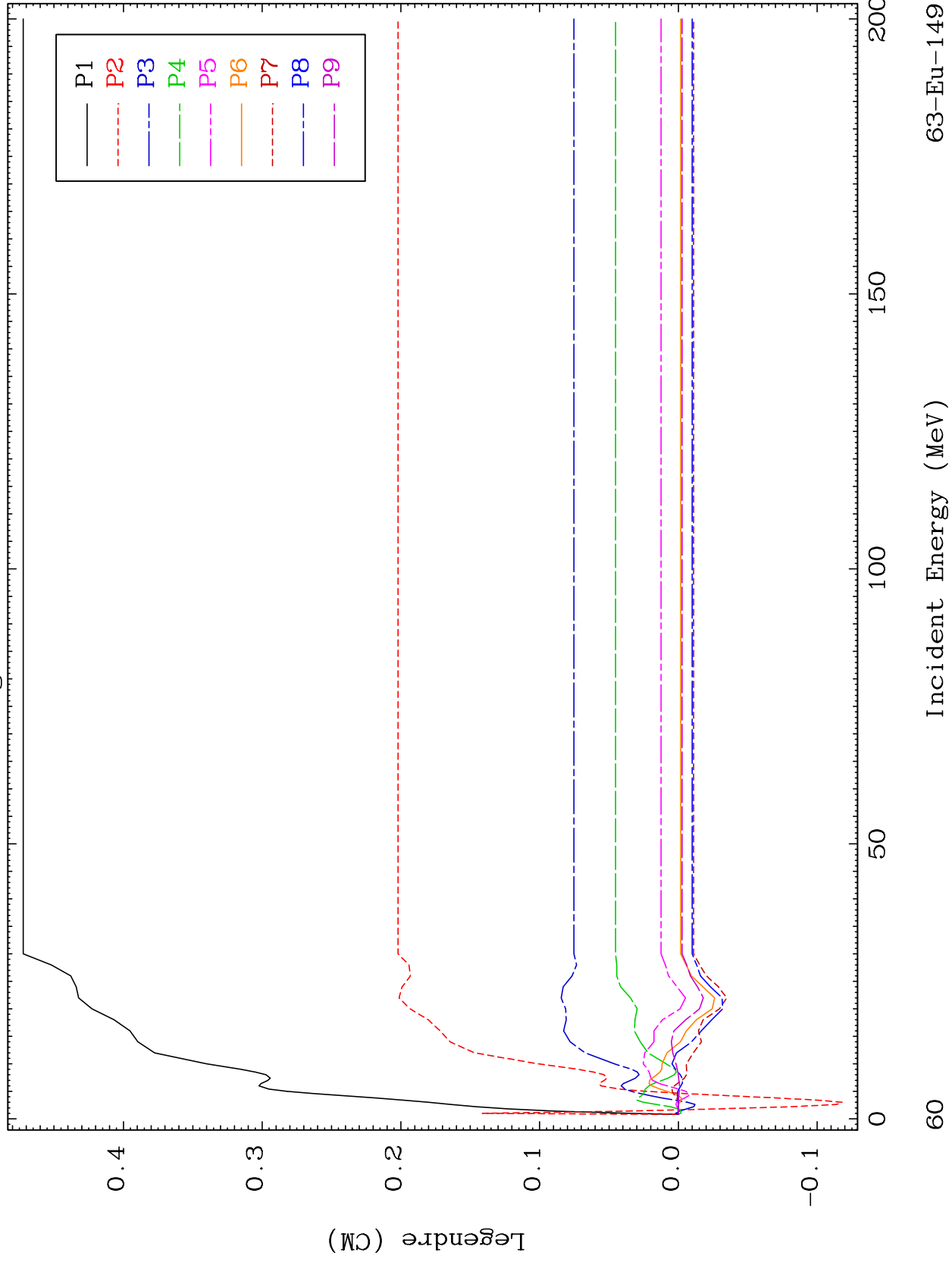
59

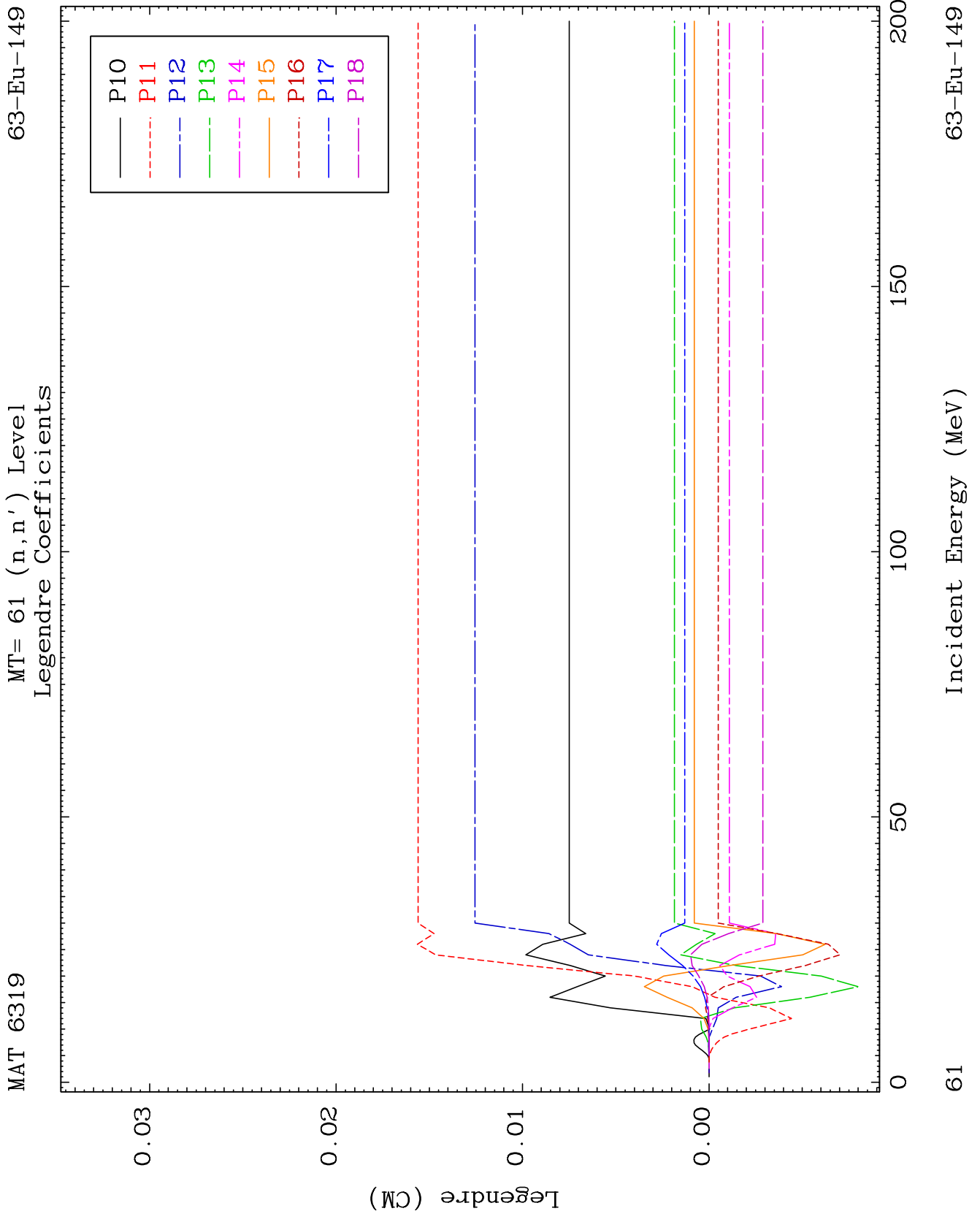
63-Eu-149

MAT 6319

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

63-Eu-149

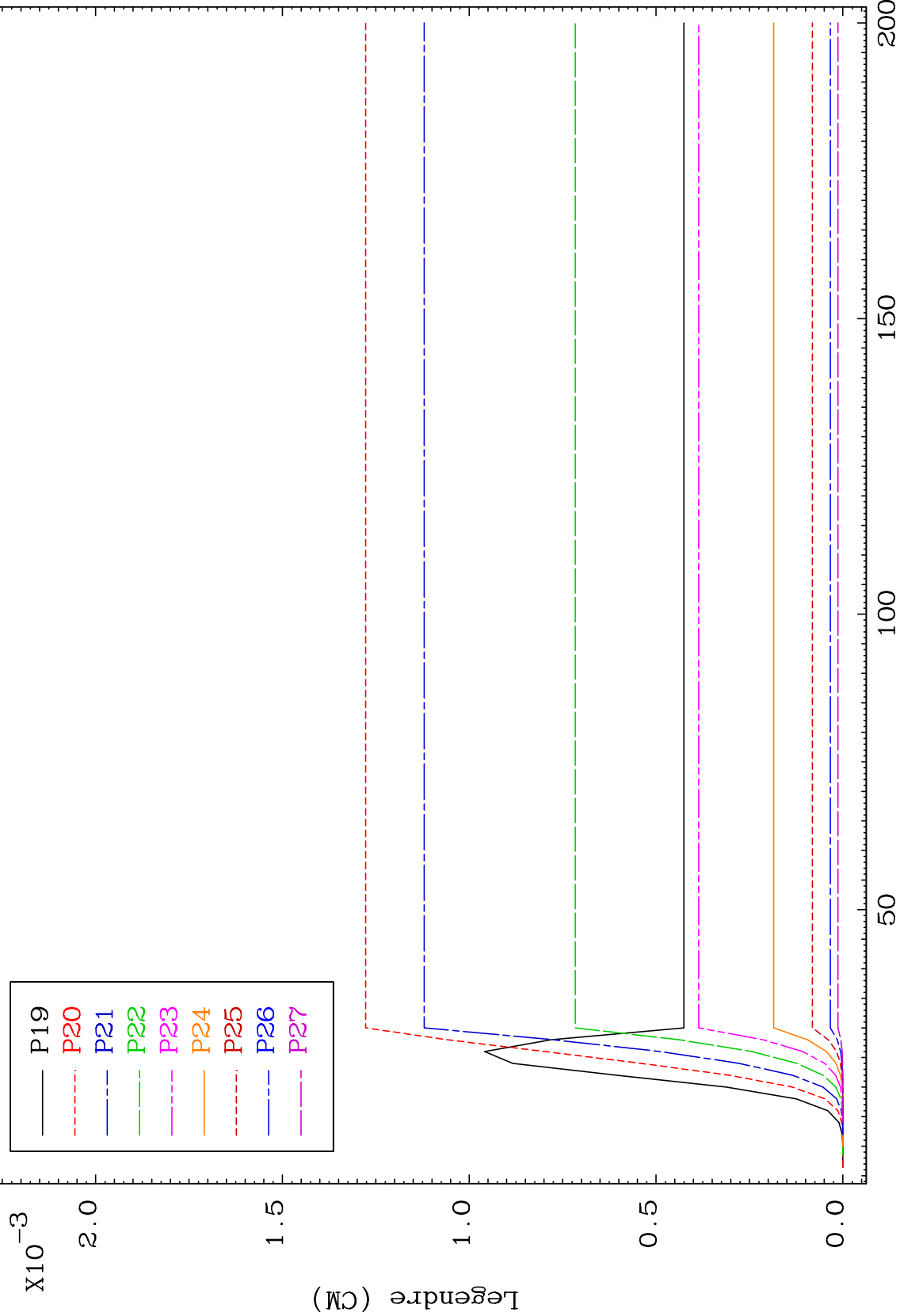
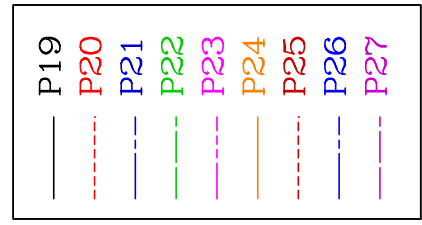




MAT 6319

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

63-Eu-149



62

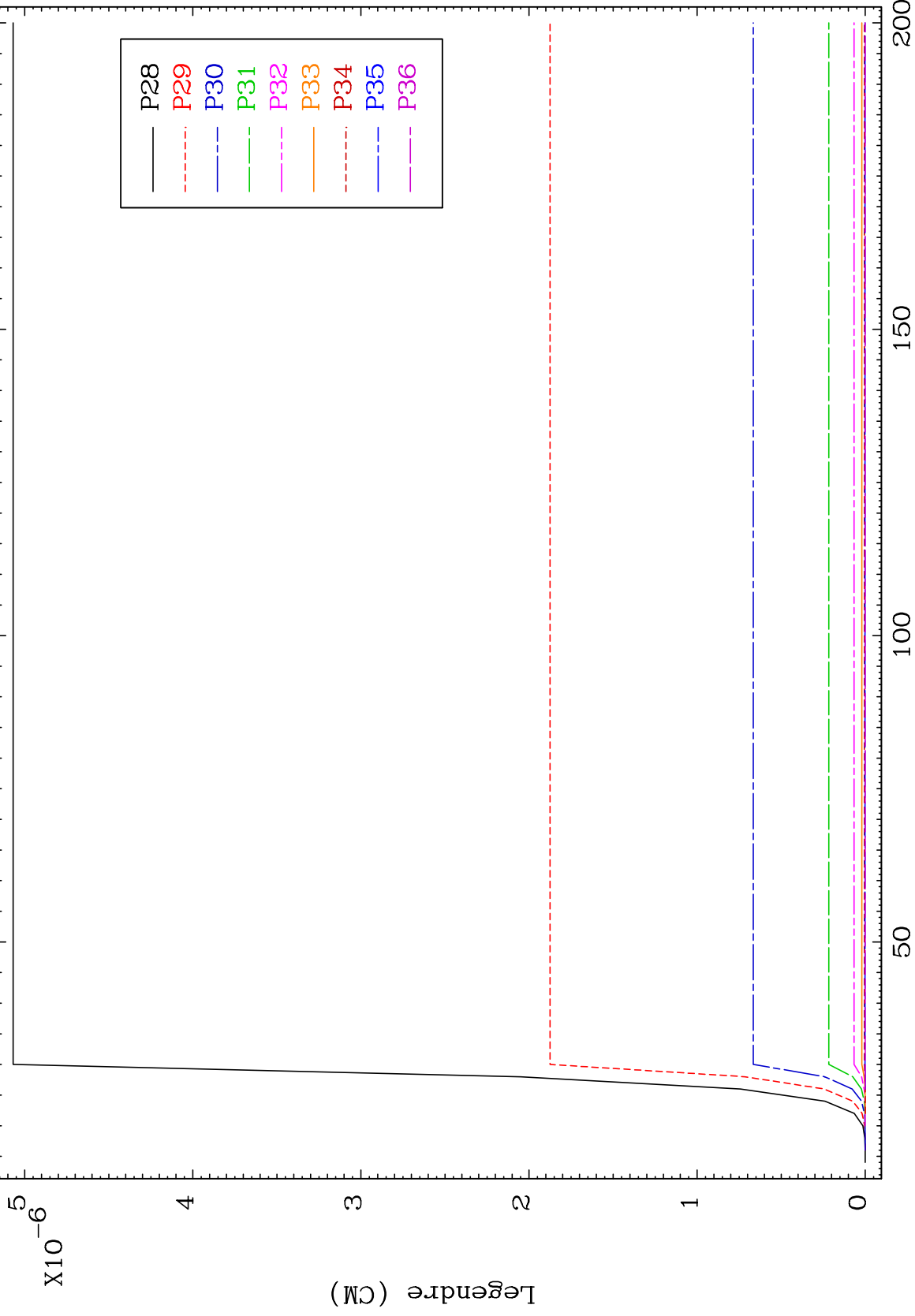
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



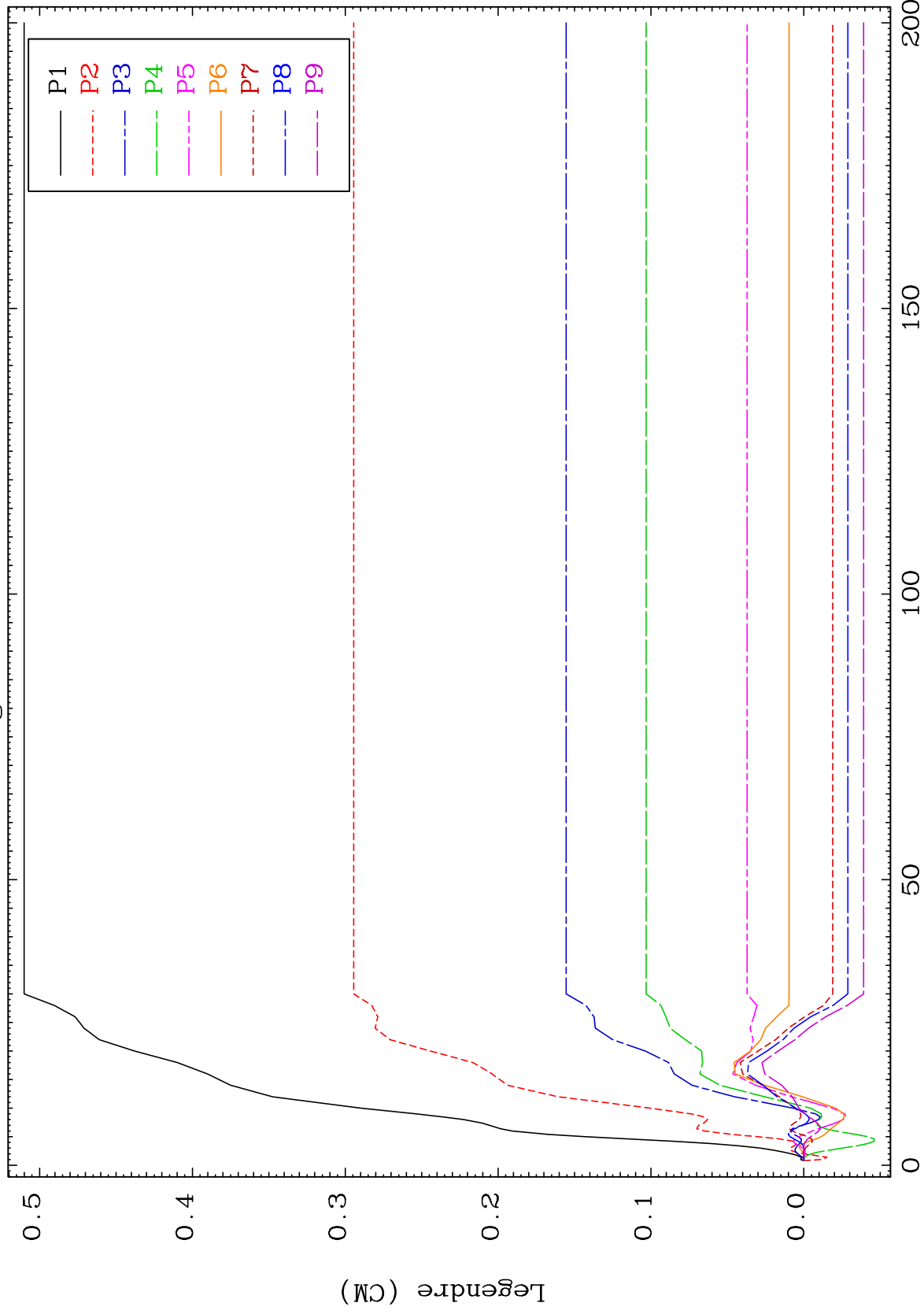
63

63-Eu-149

MAT 6319

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

63-Eu-149



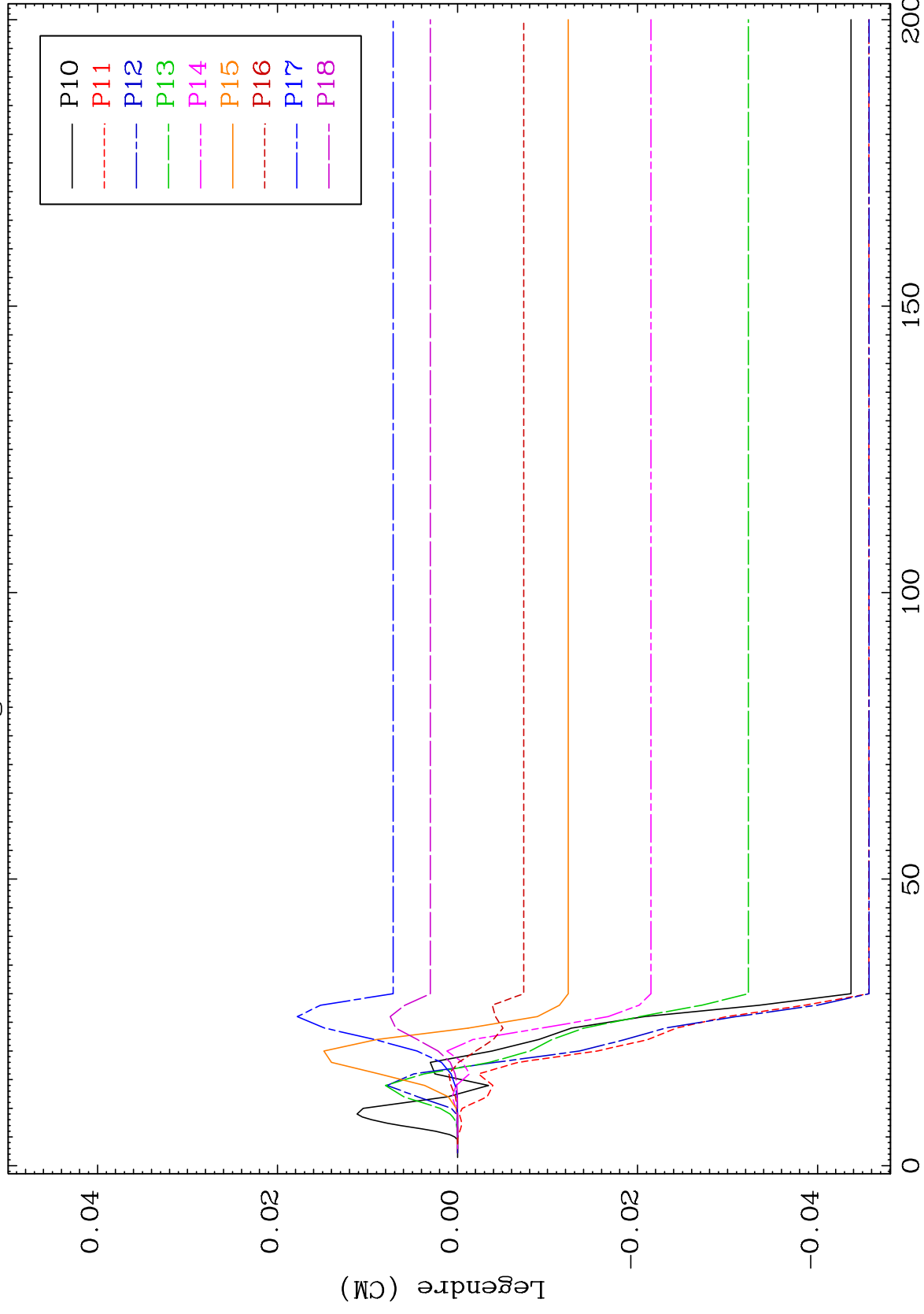
64

63-Eu-149

MAT 6319

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

63-Eu-149



65

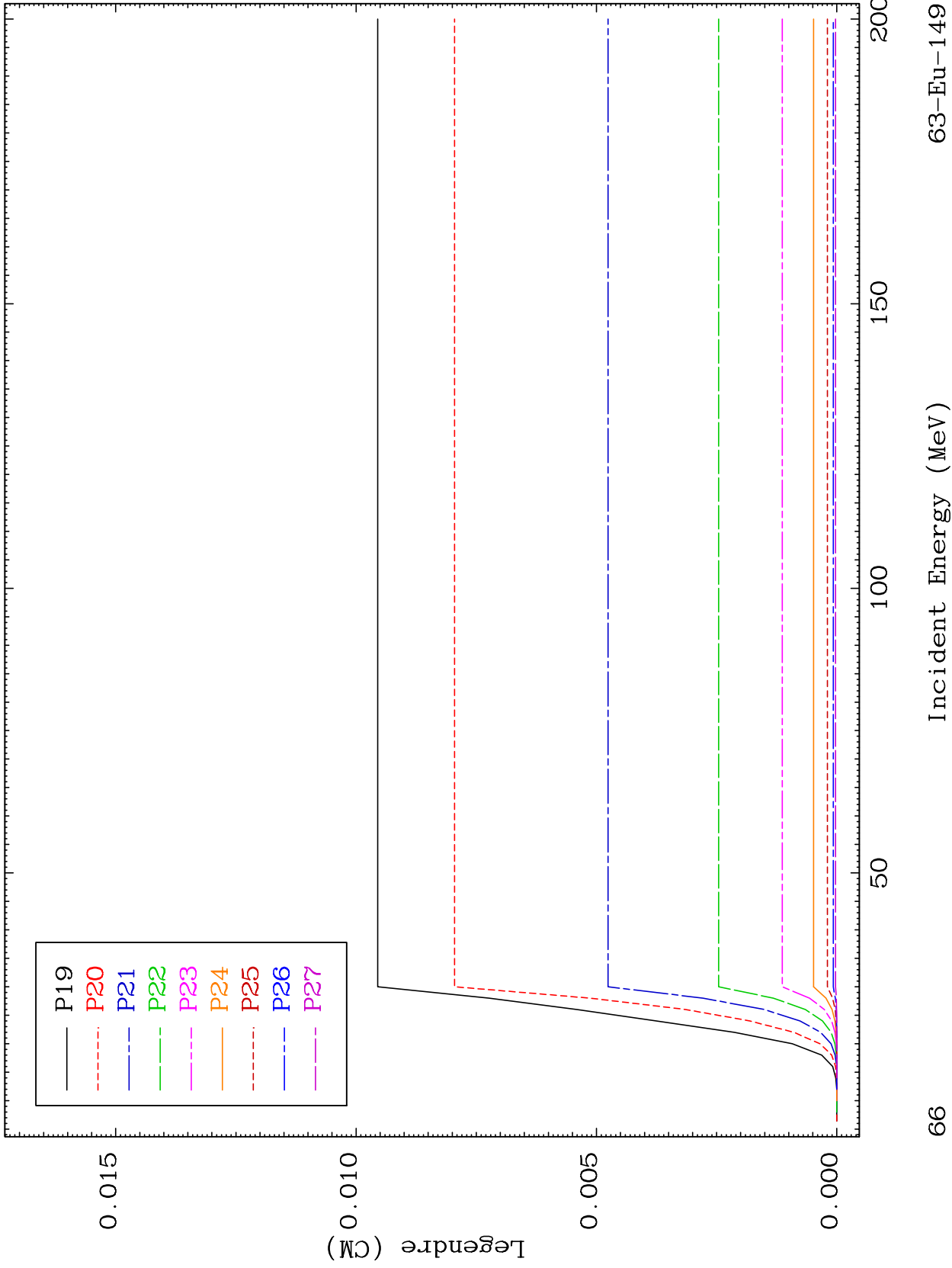
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149

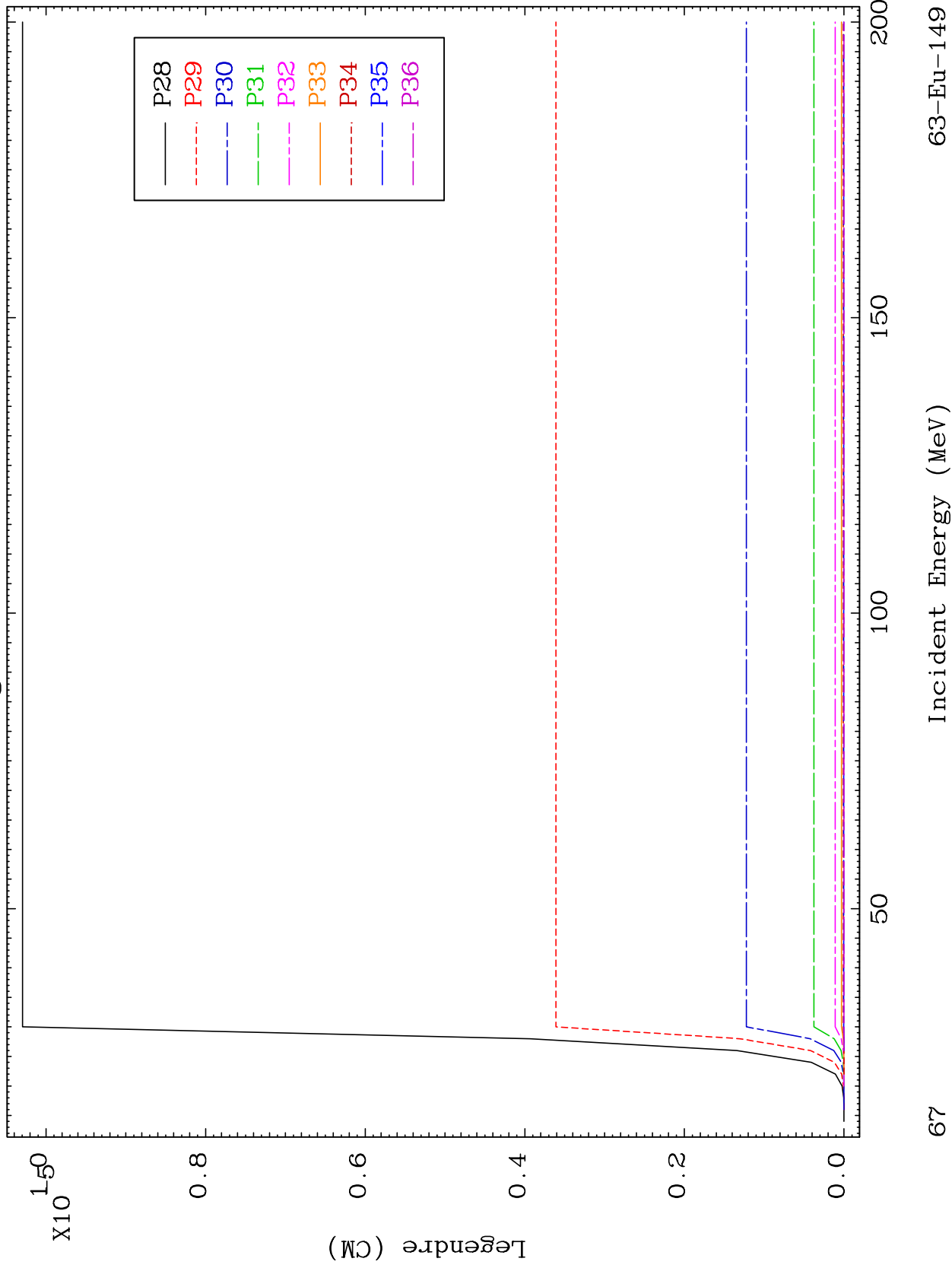


66

MAT 6319

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

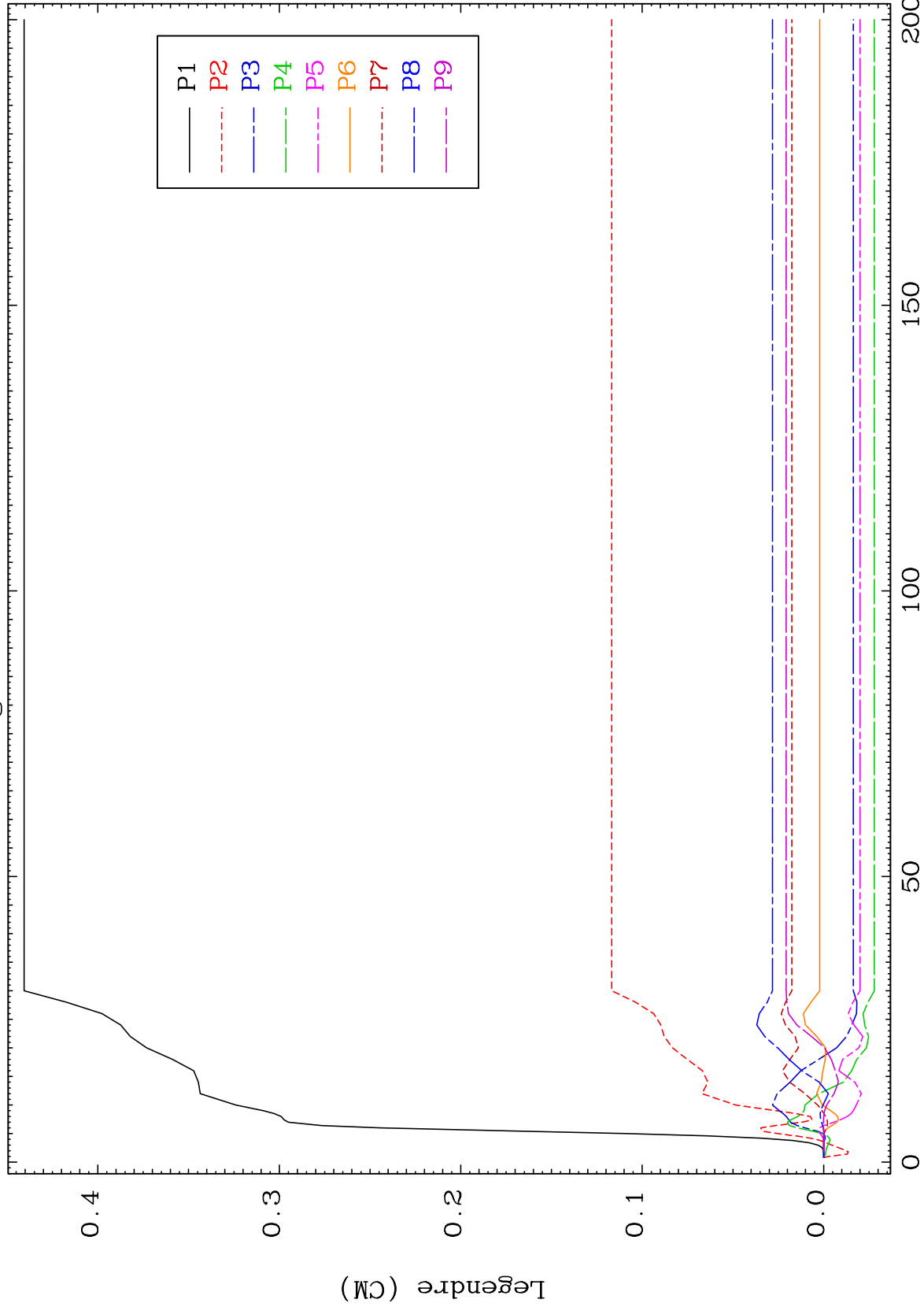
63-Eu-149



MAT 6319

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

63-Eu-149



68

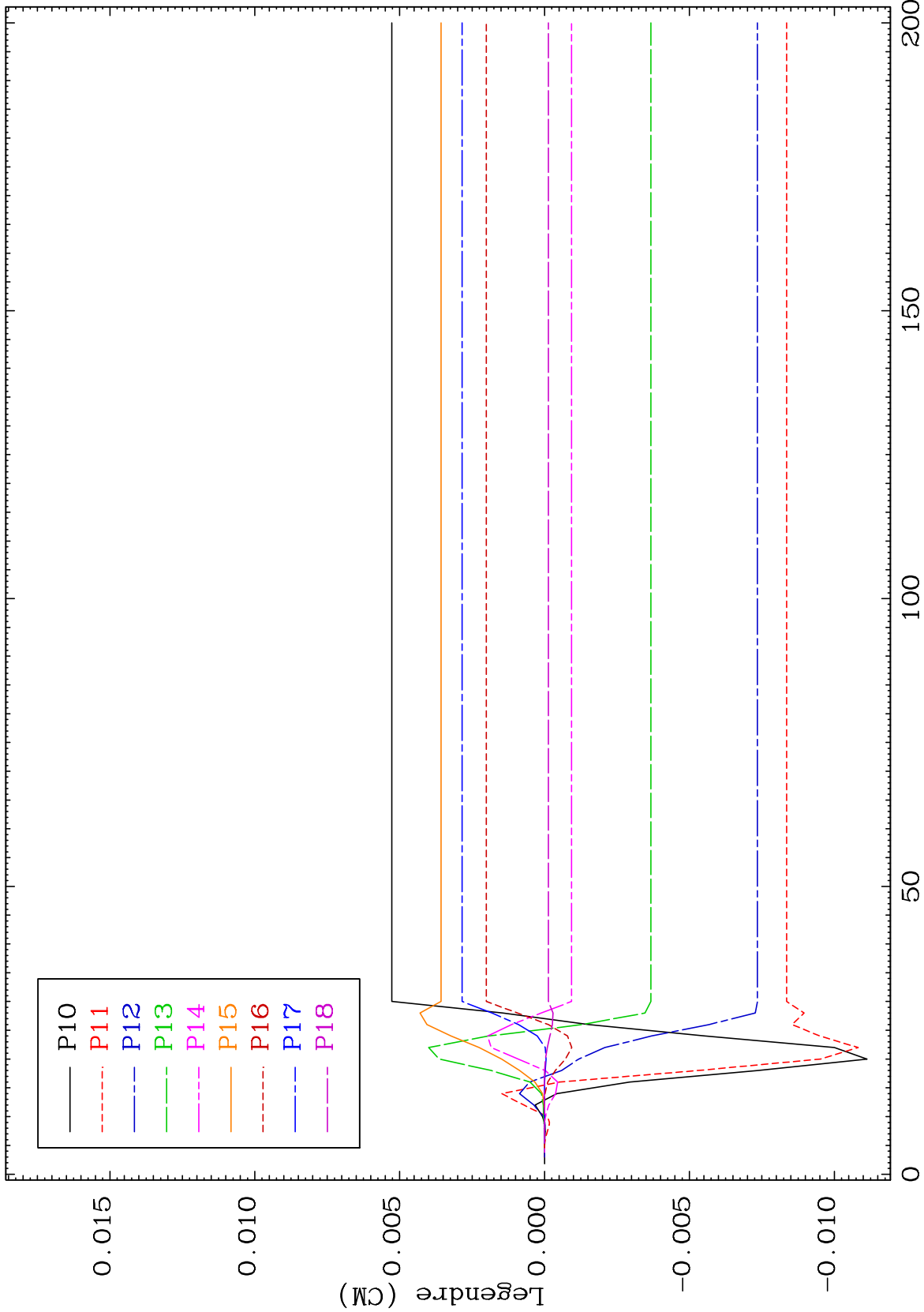
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



69

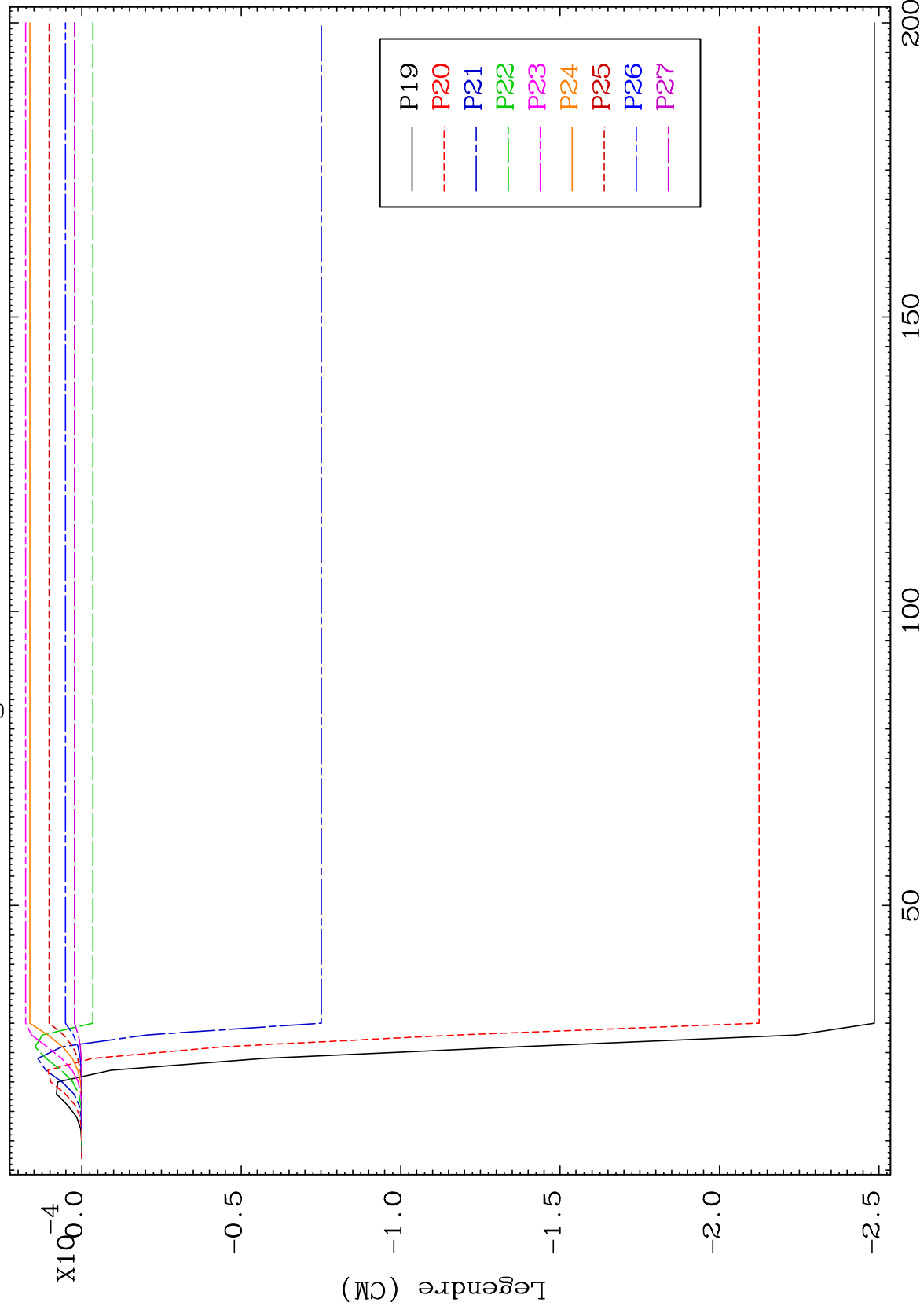
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

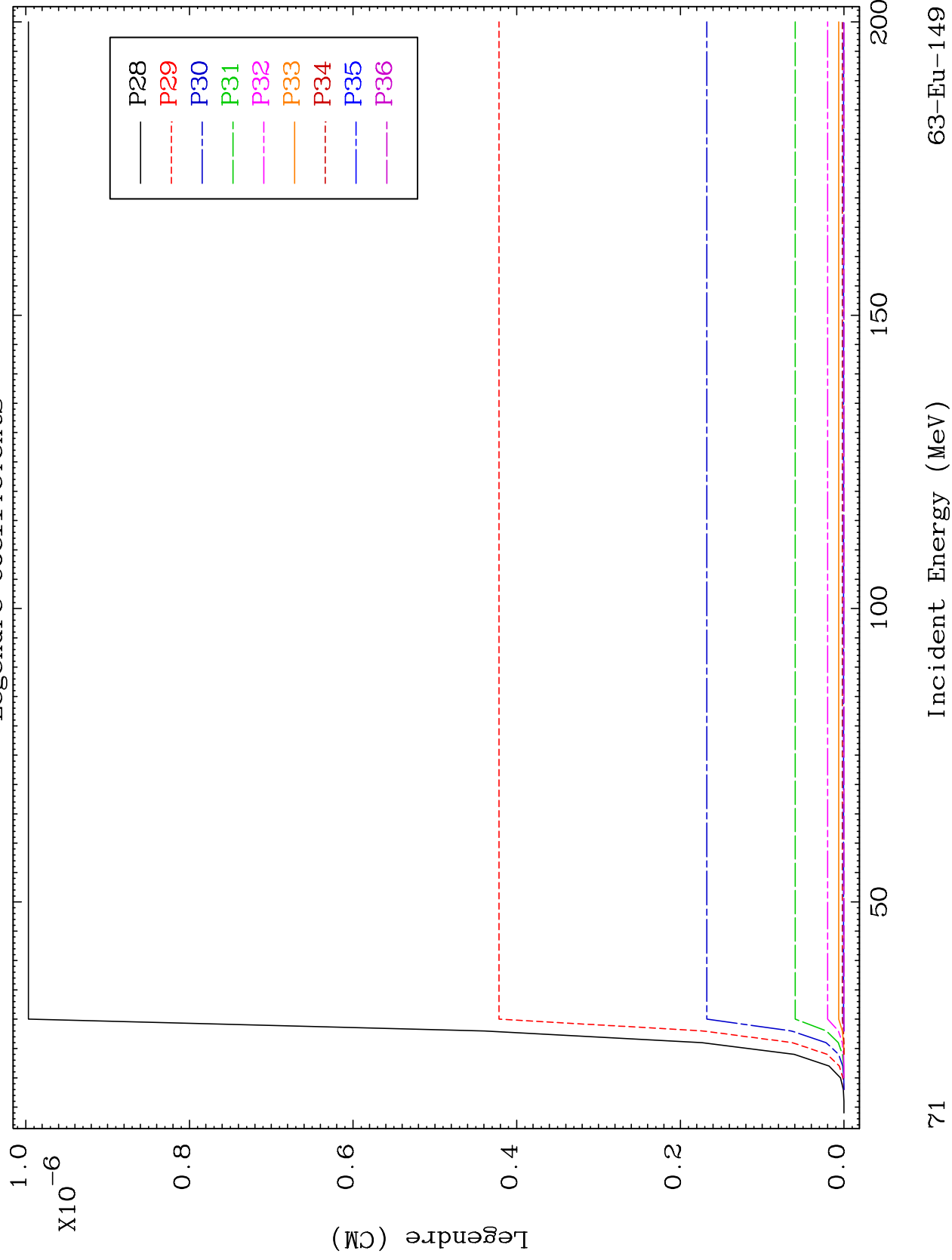
Incident Energy (MeV)

70

MAT 6319

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

63-Eu-149



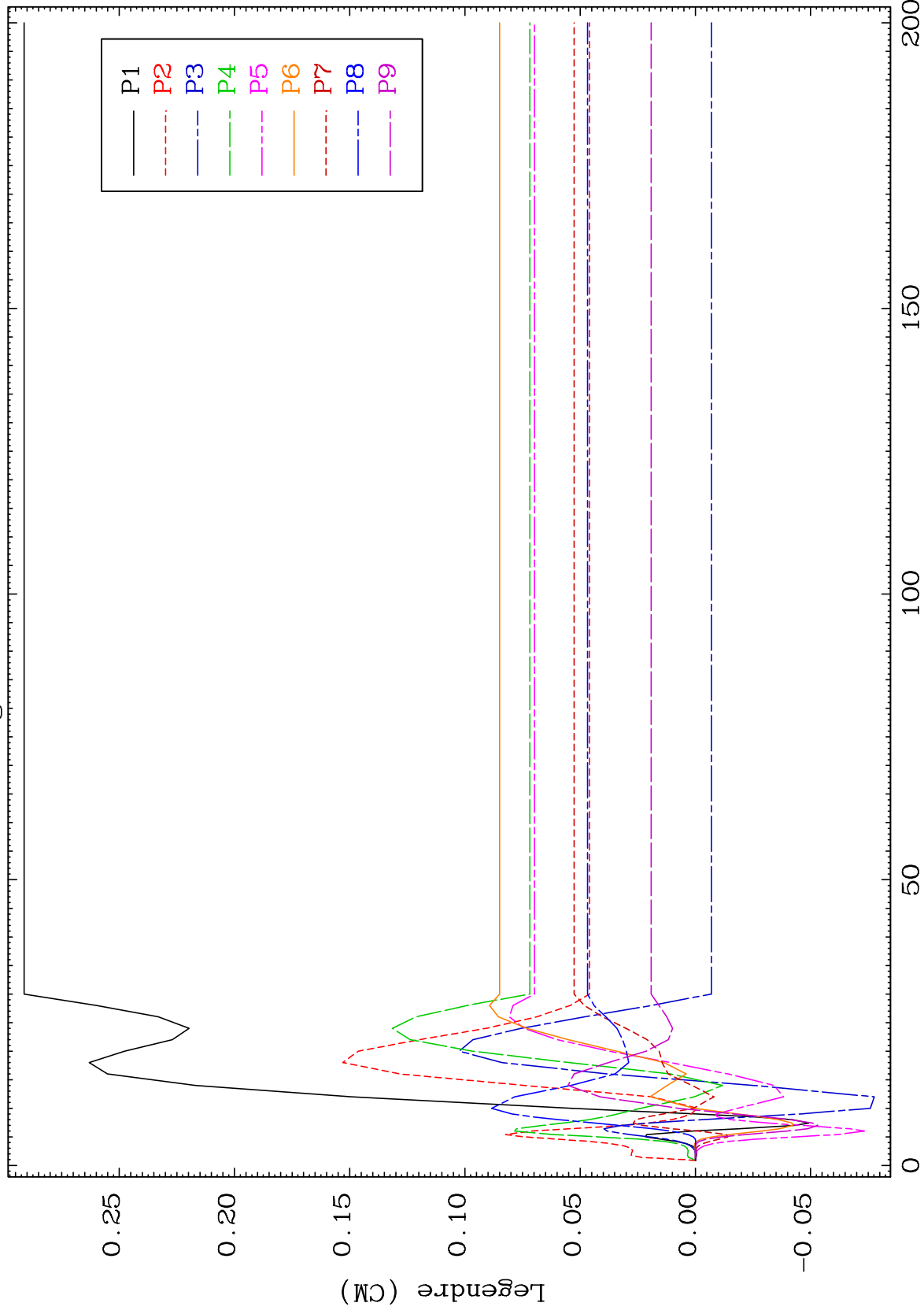
71

63-Eu-149

MAT 6319

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

63-Eu-149



72

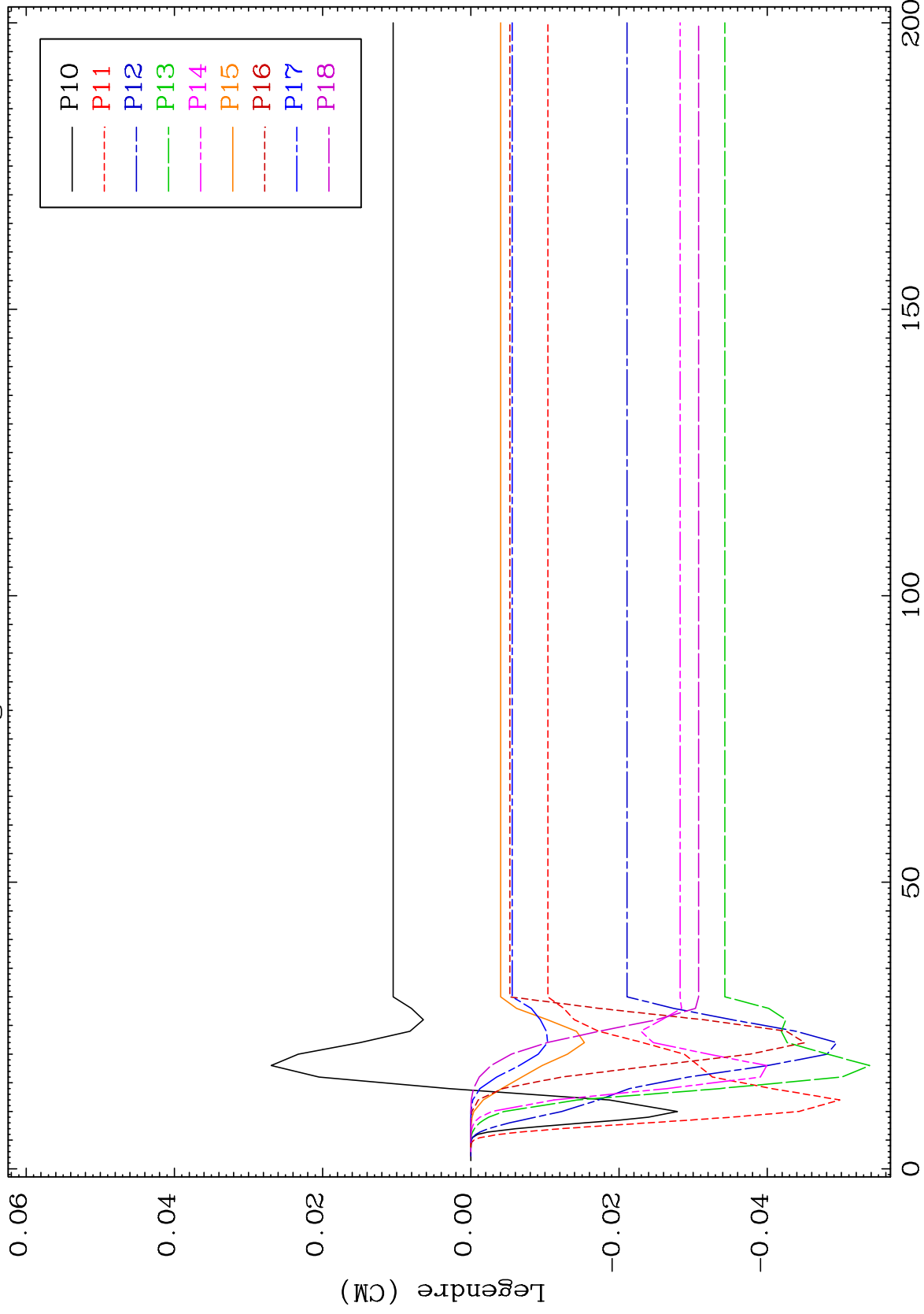
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



73

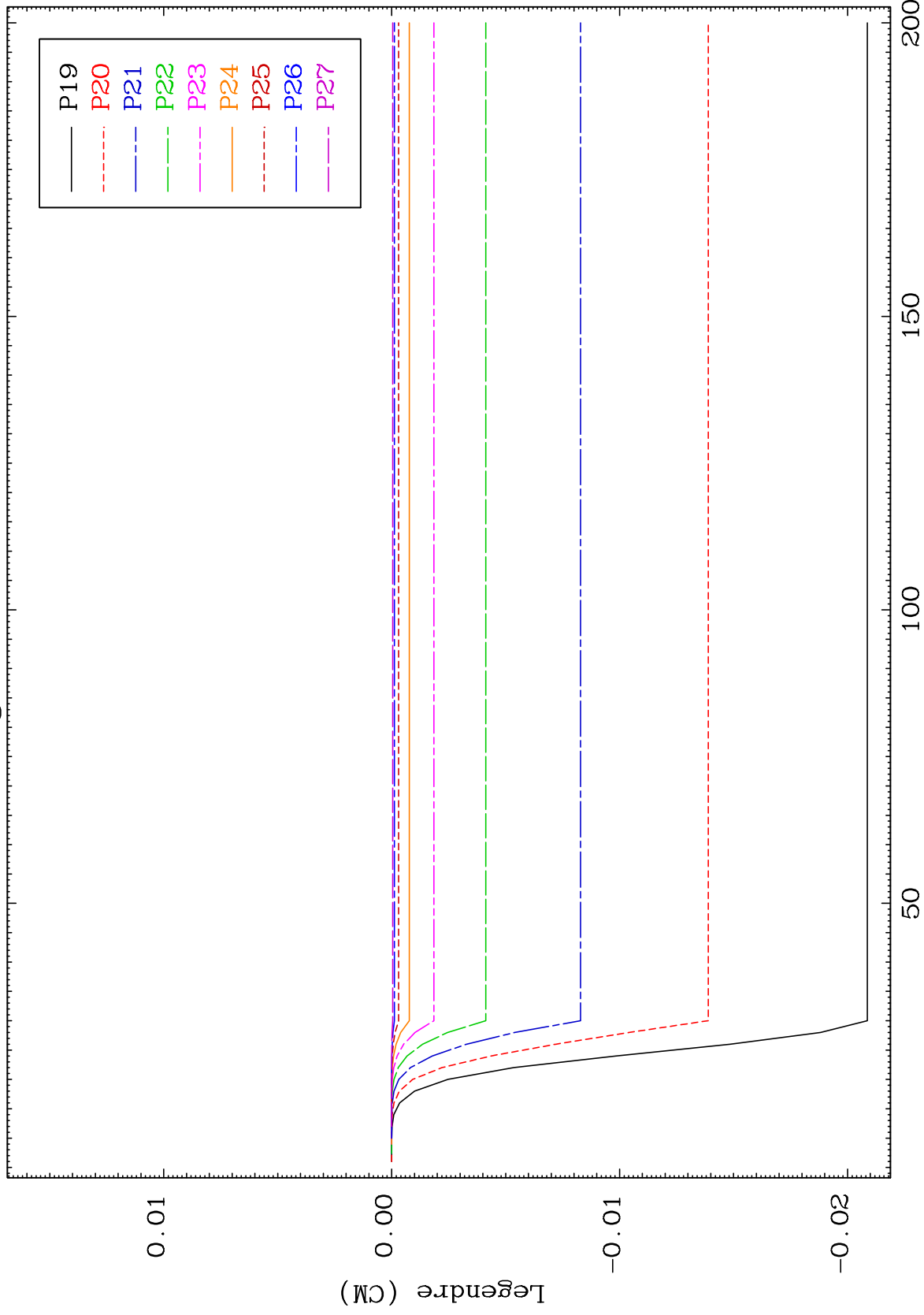
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

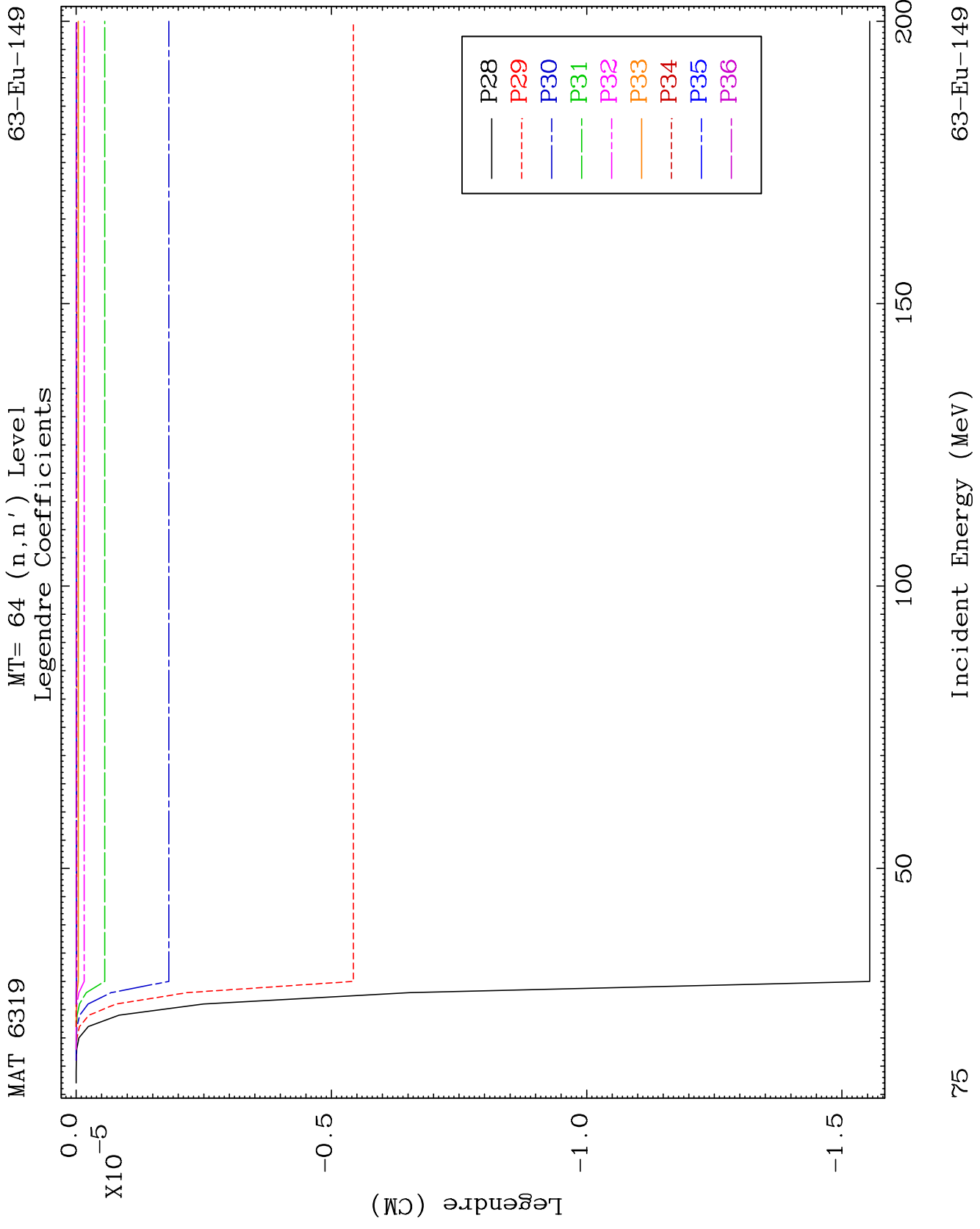
63-Eu-149



74

Incident Energy (MeV)

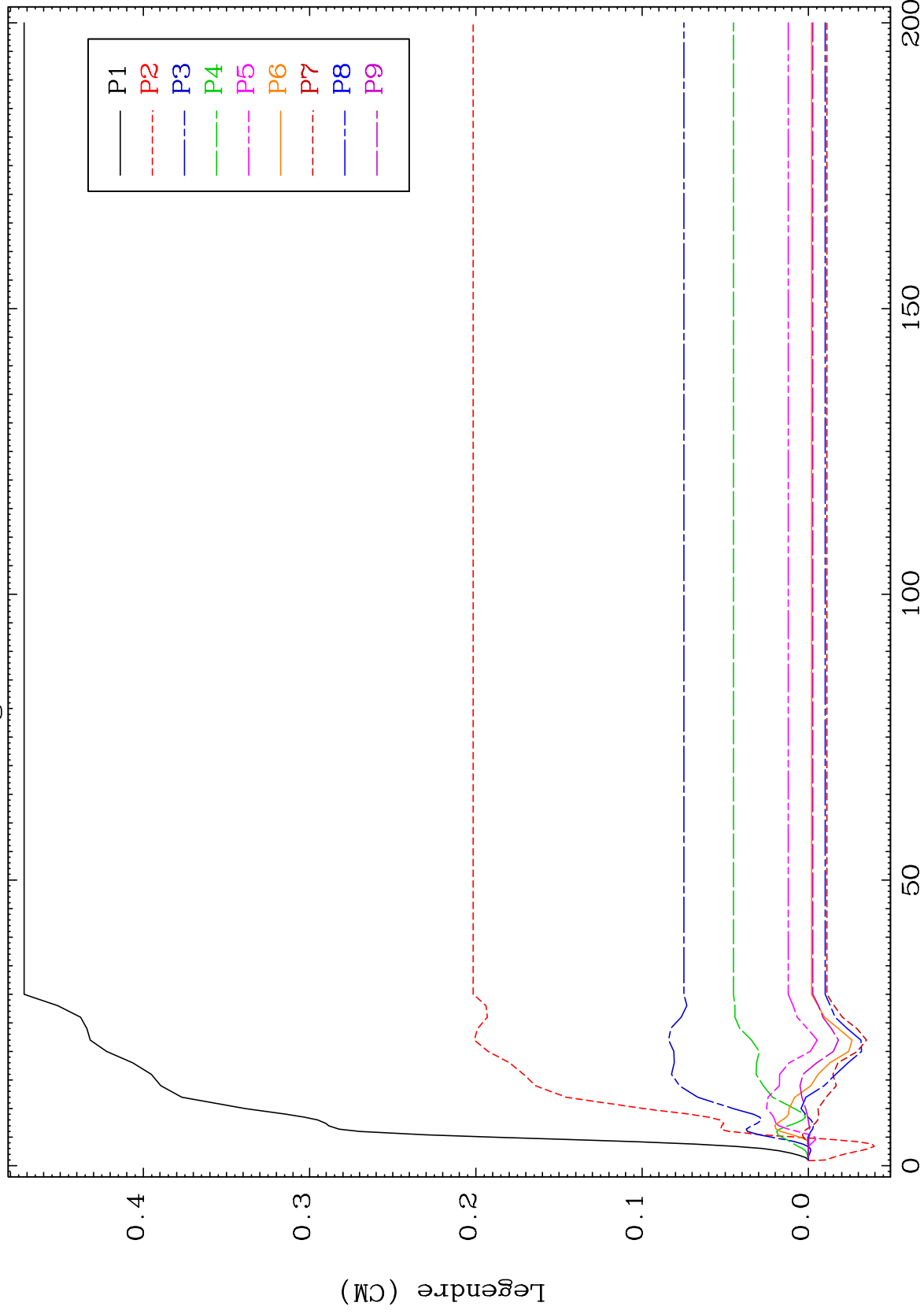
63-Eu-149



MAT 6319

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

63-Eu-149



76

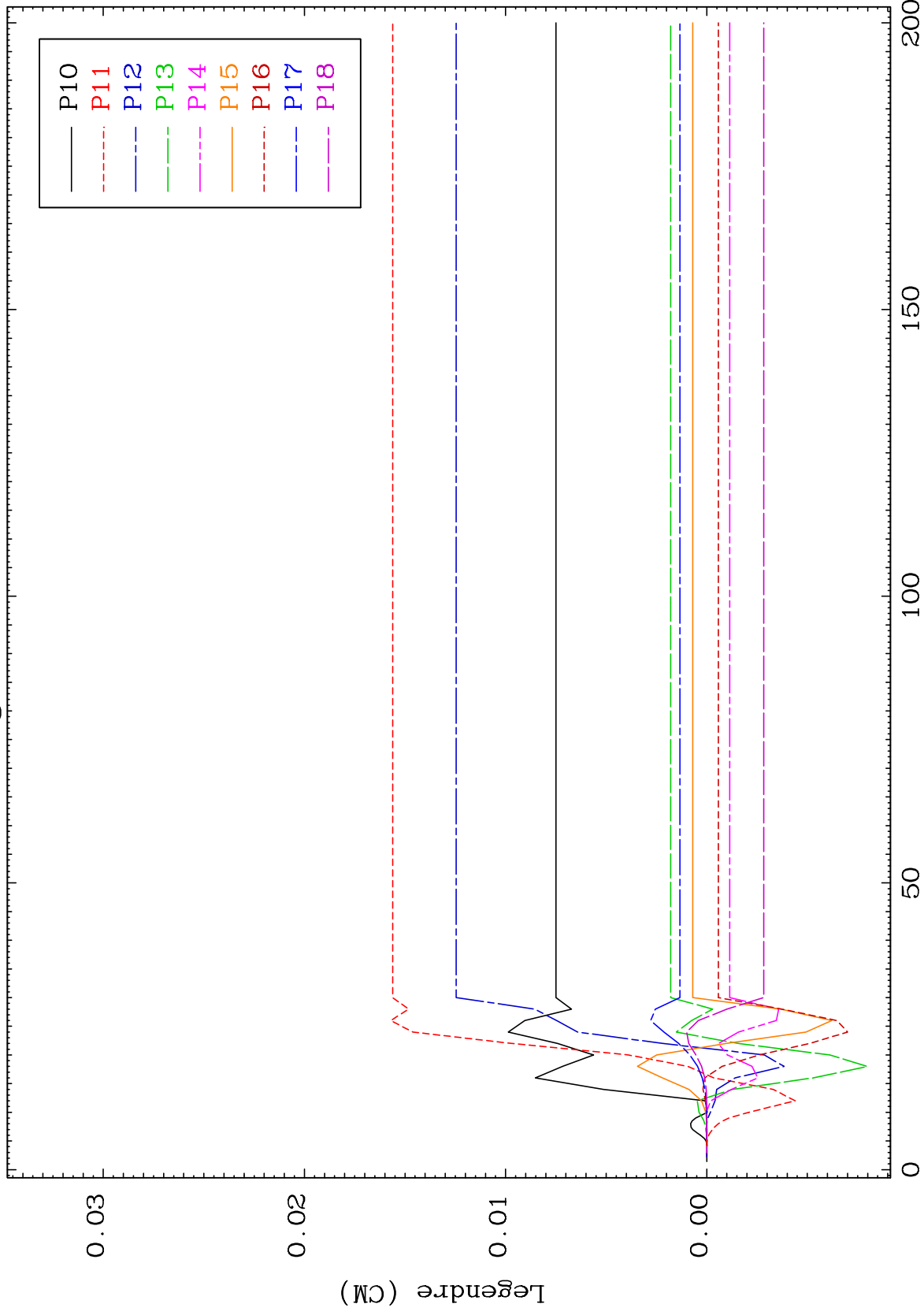
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



77

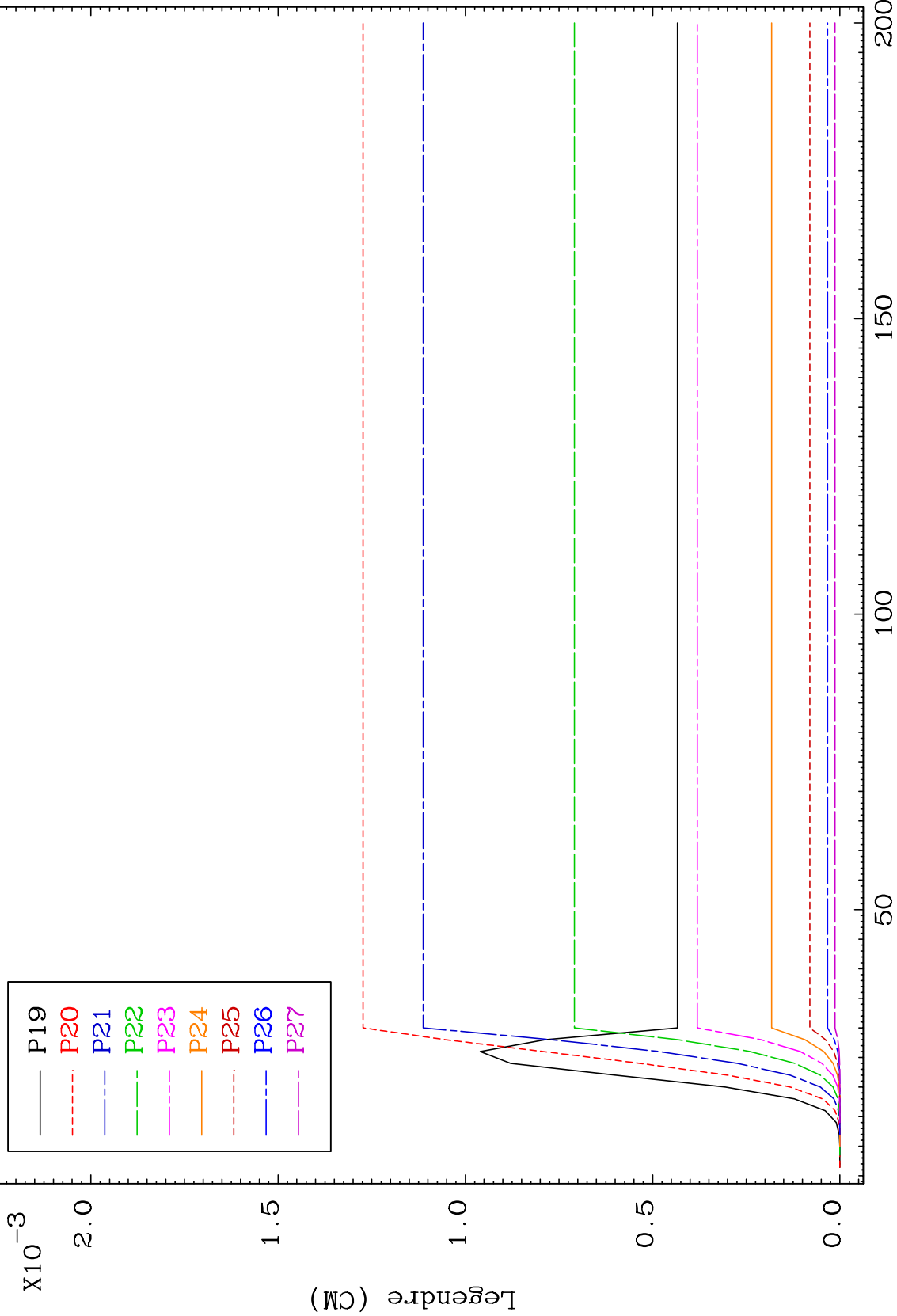
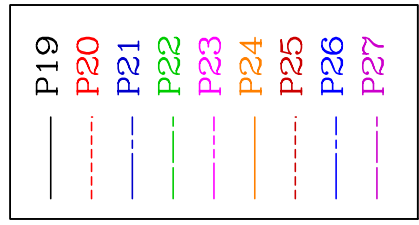
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



78

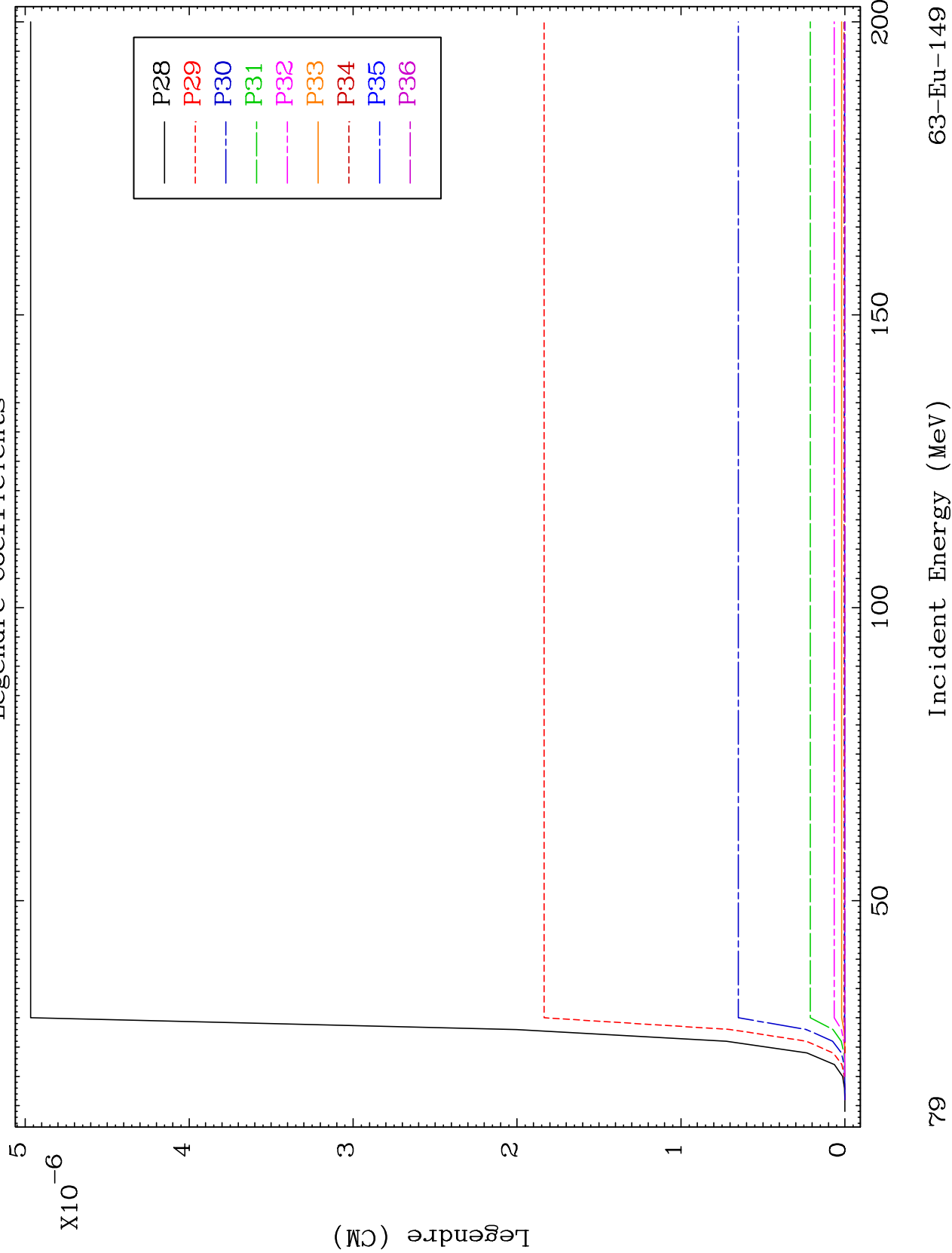
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



79

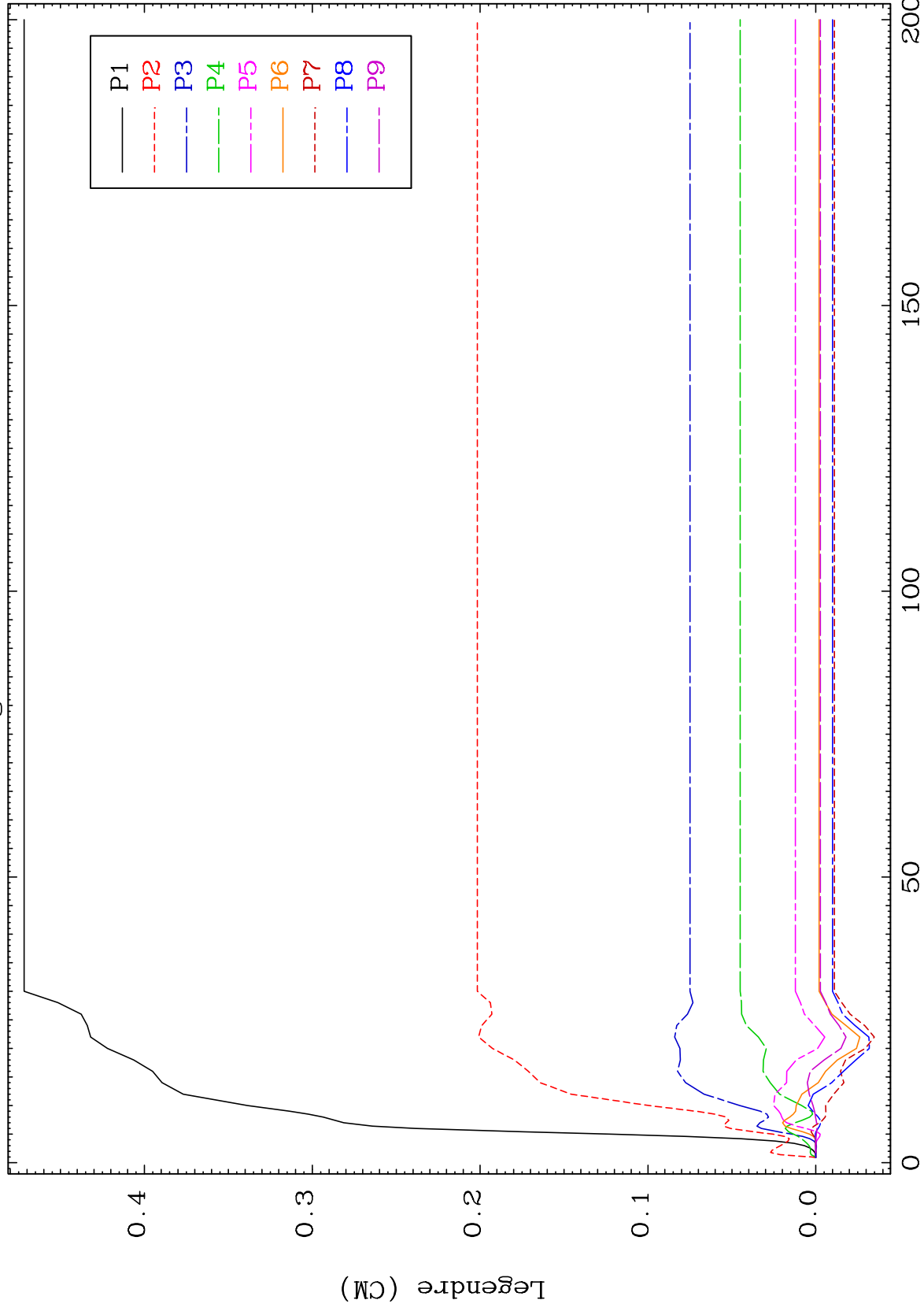
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

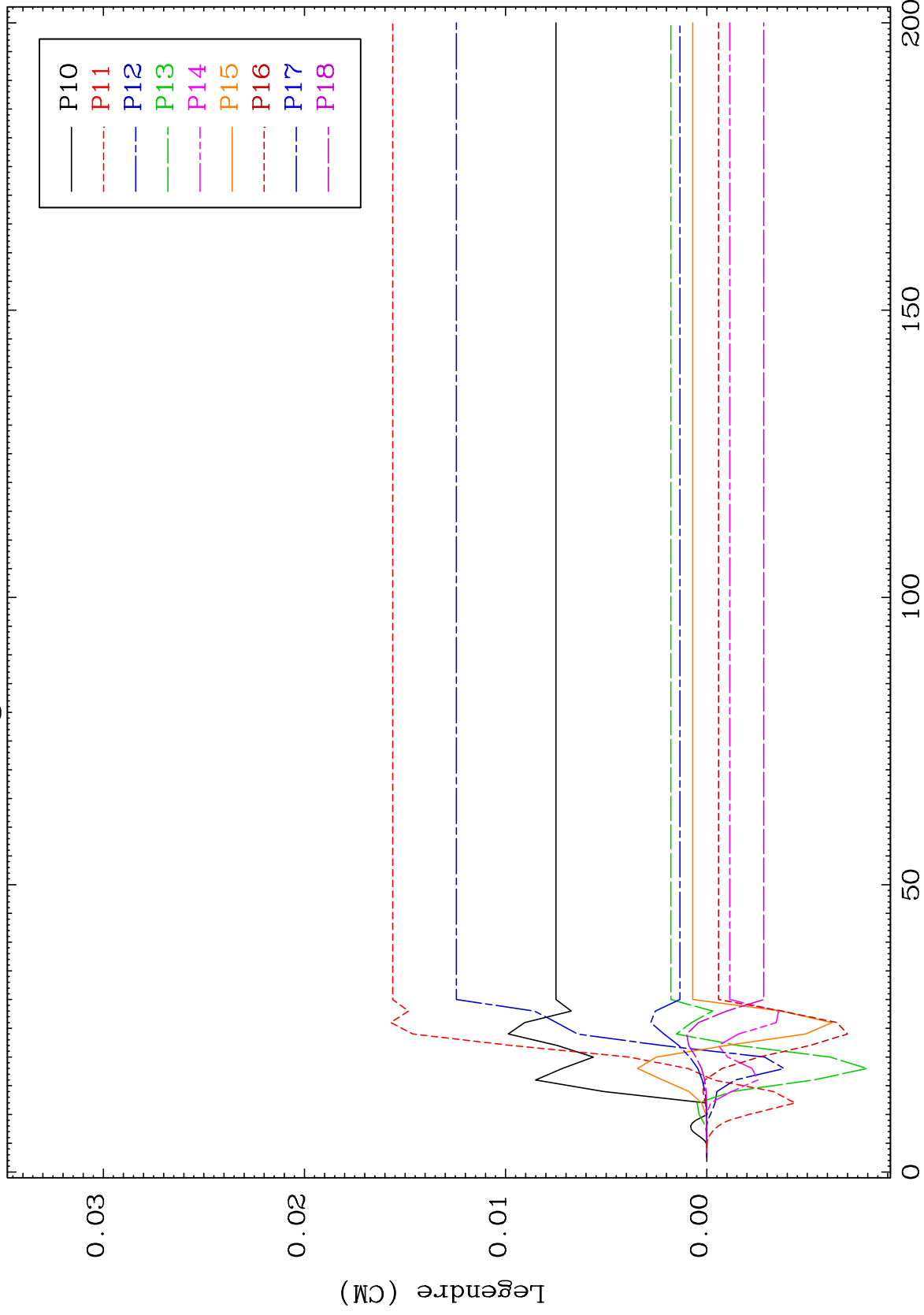
Incident Energy (MeV)

80

MAT 6319

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

63-Eu-149



81

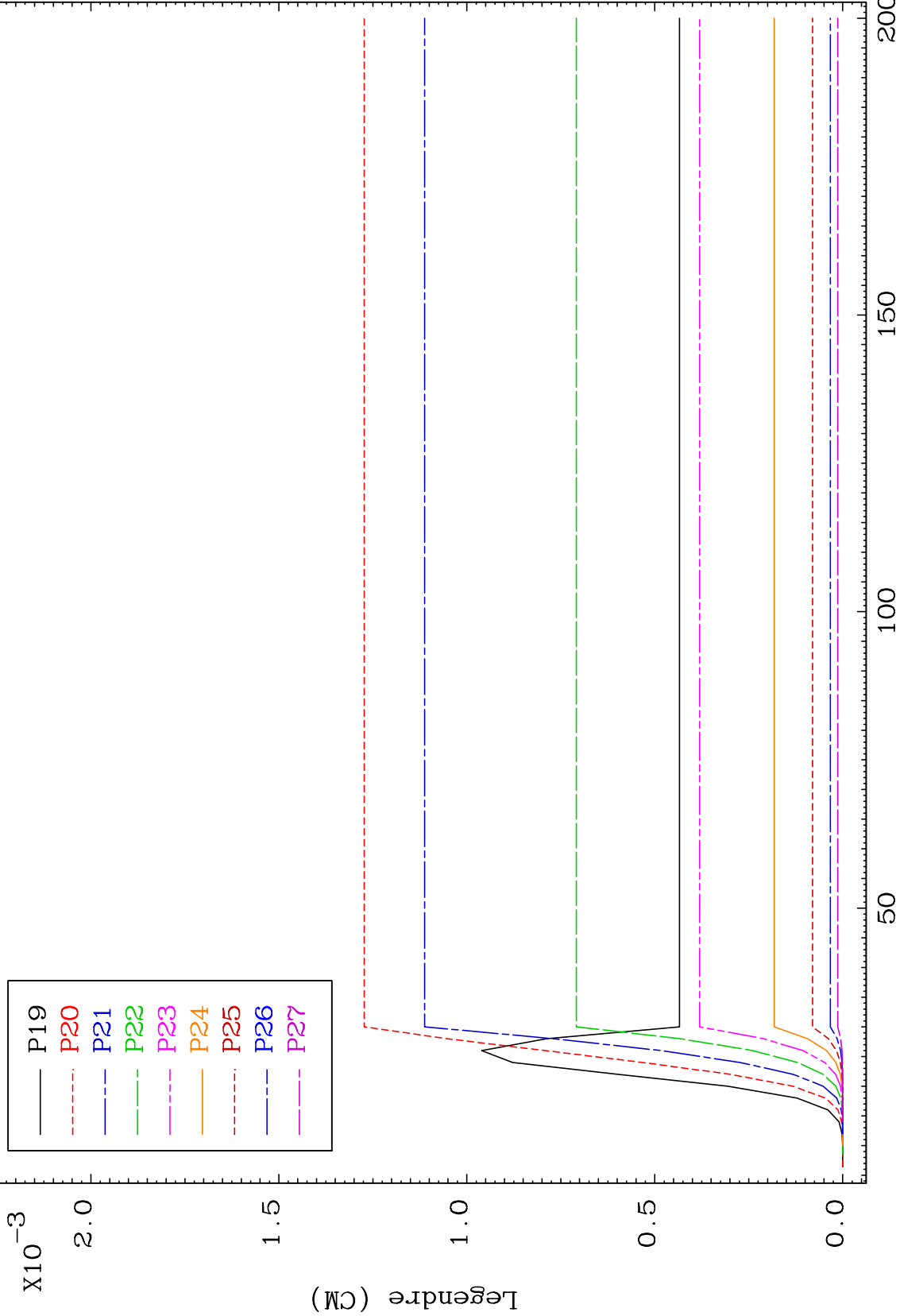
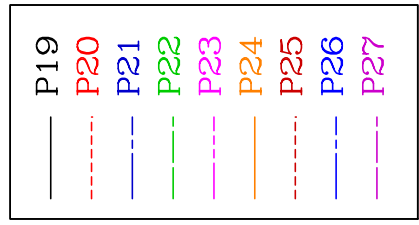
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



82

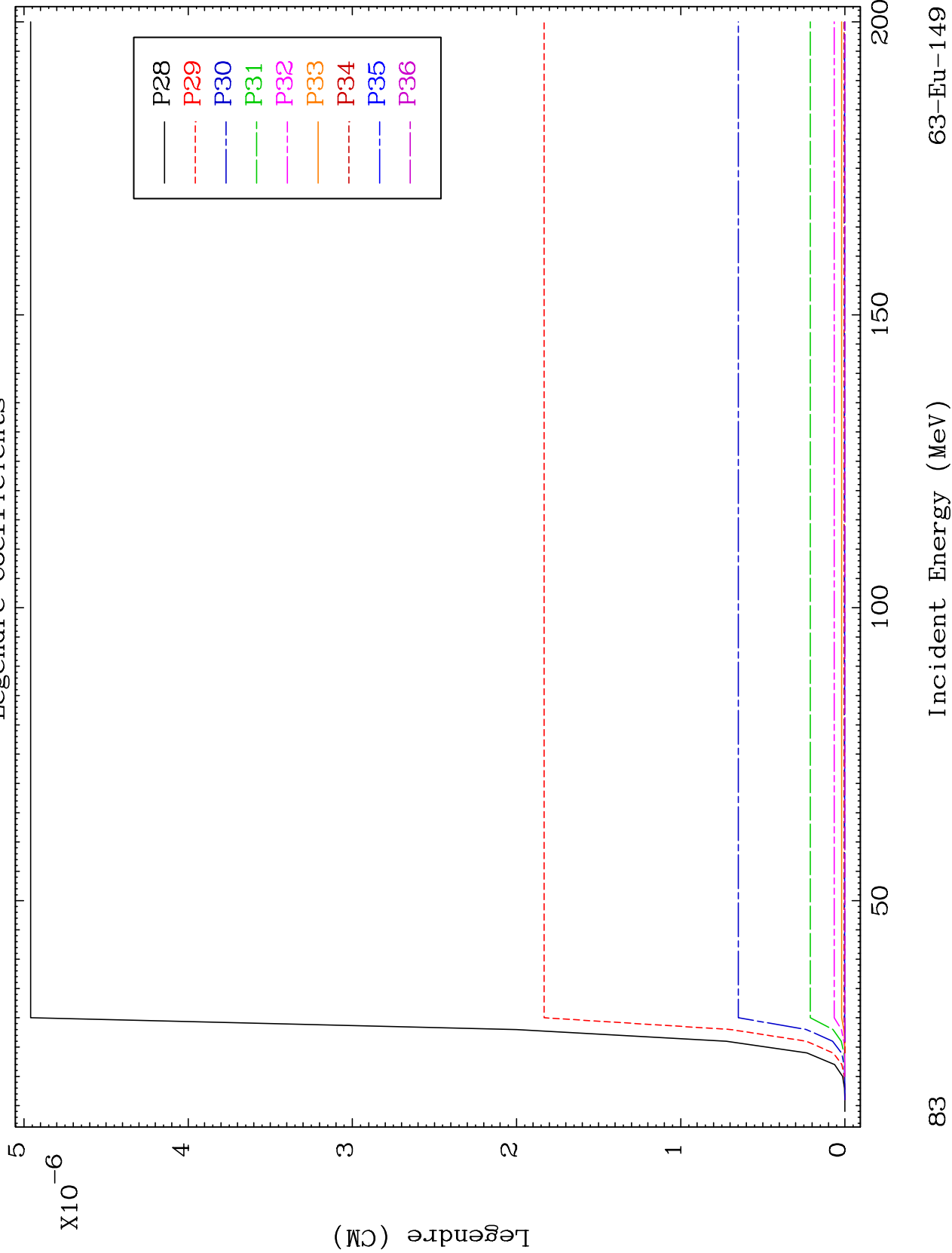
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

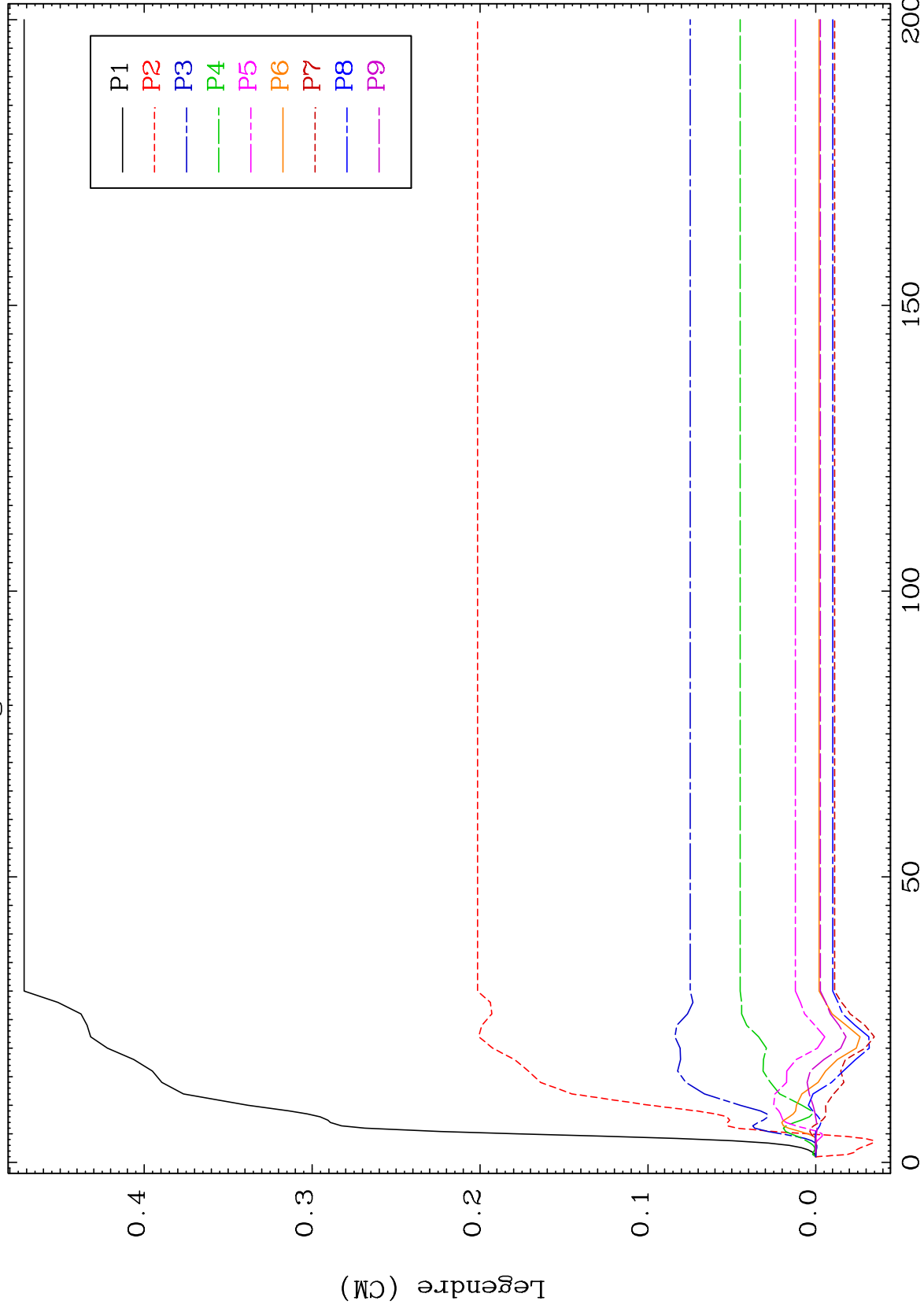
63-Eu-149



MAT 6319

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

63-Eu-149



84

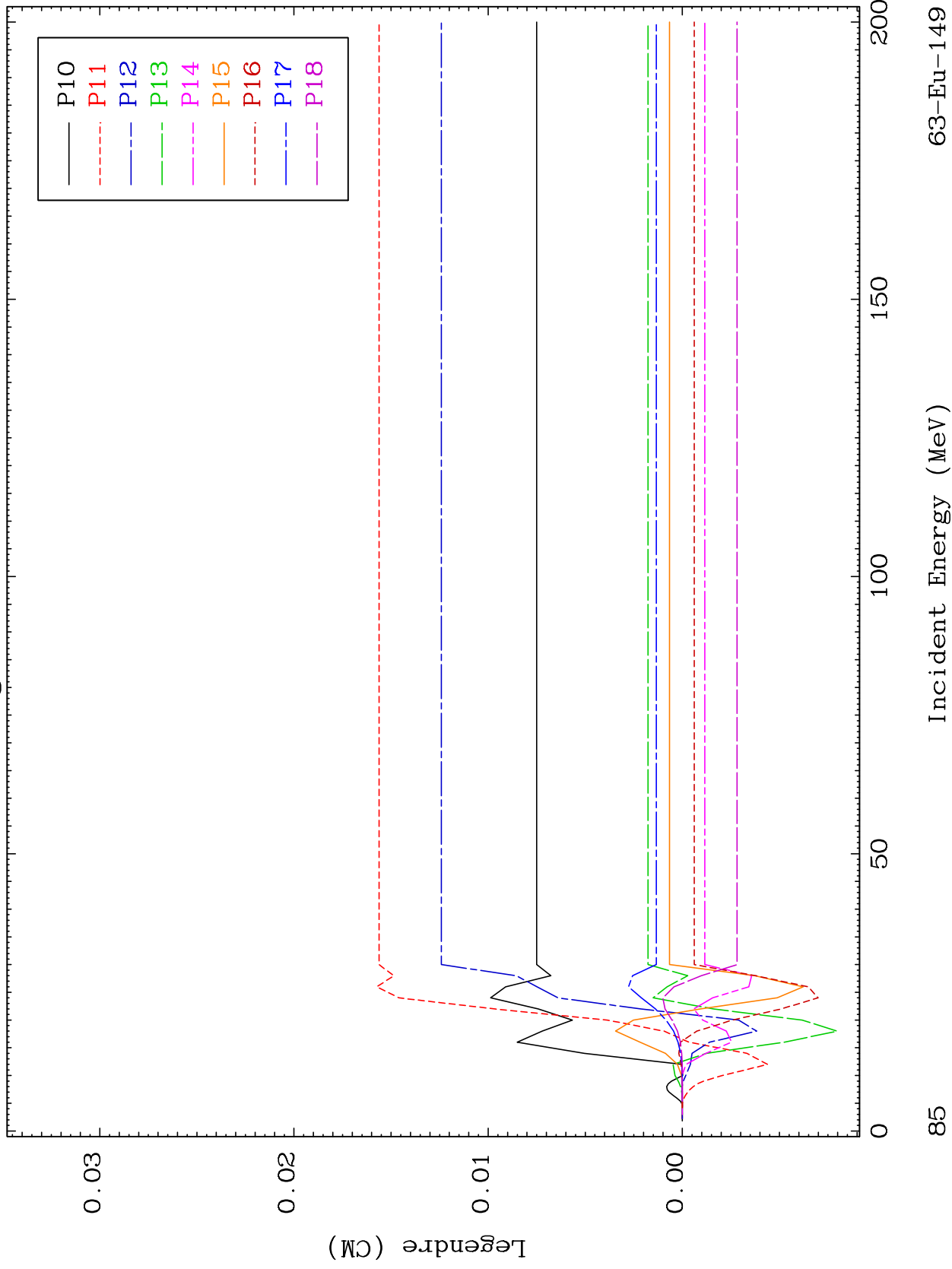
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

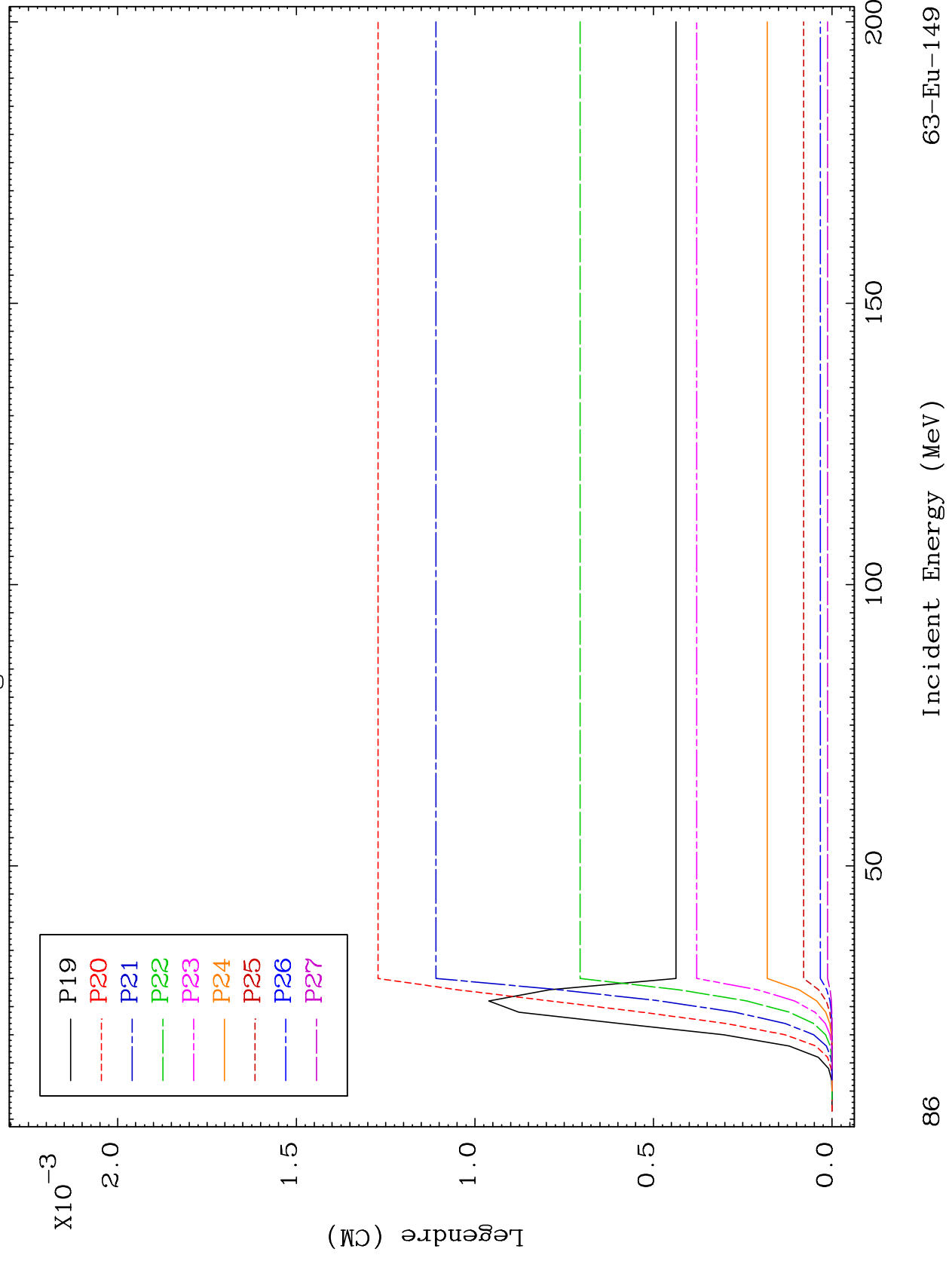
63-Eu-149



63-Eu-149

Incident Energy (MeV)

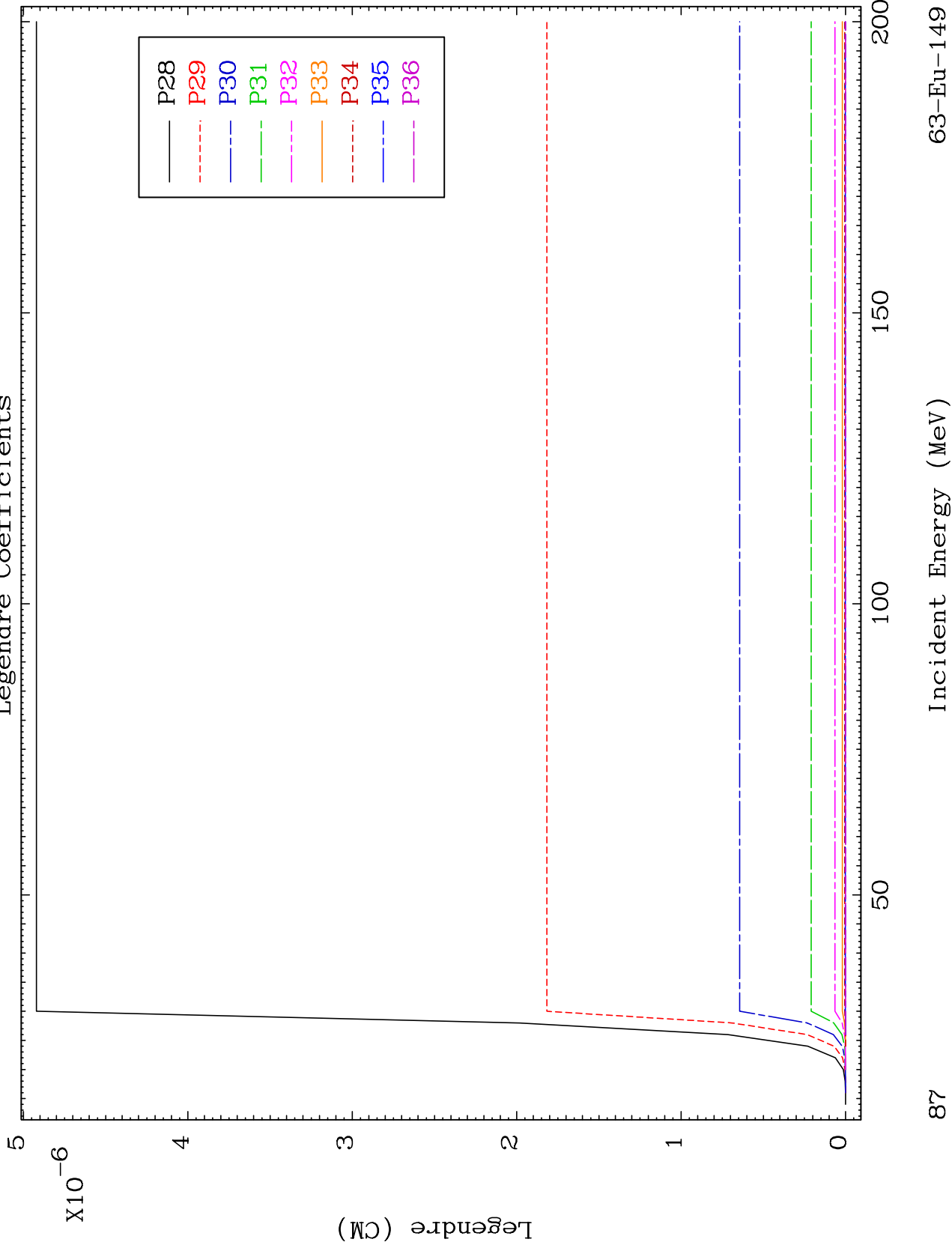
85

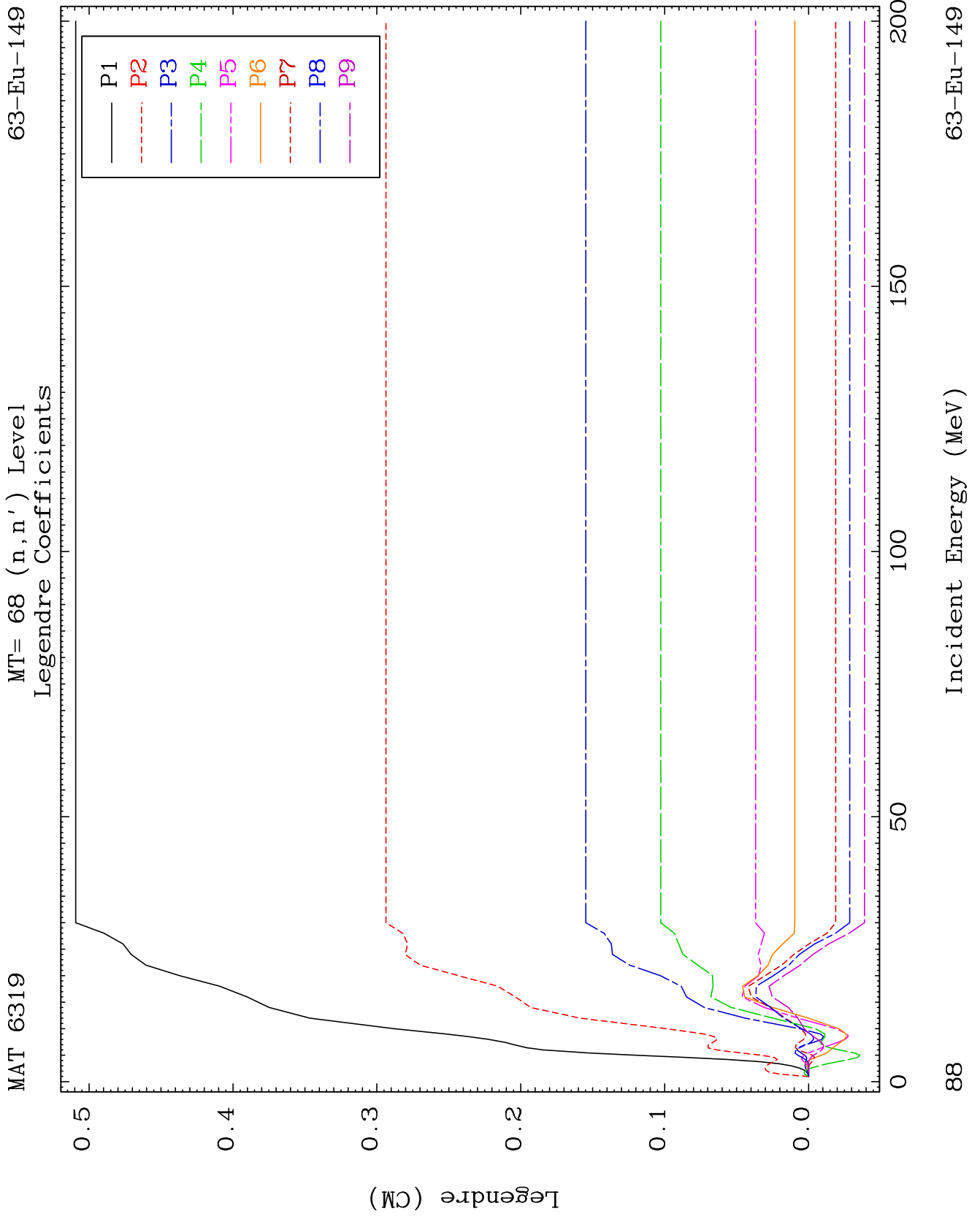


MAT 6319

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

63-Eu-149

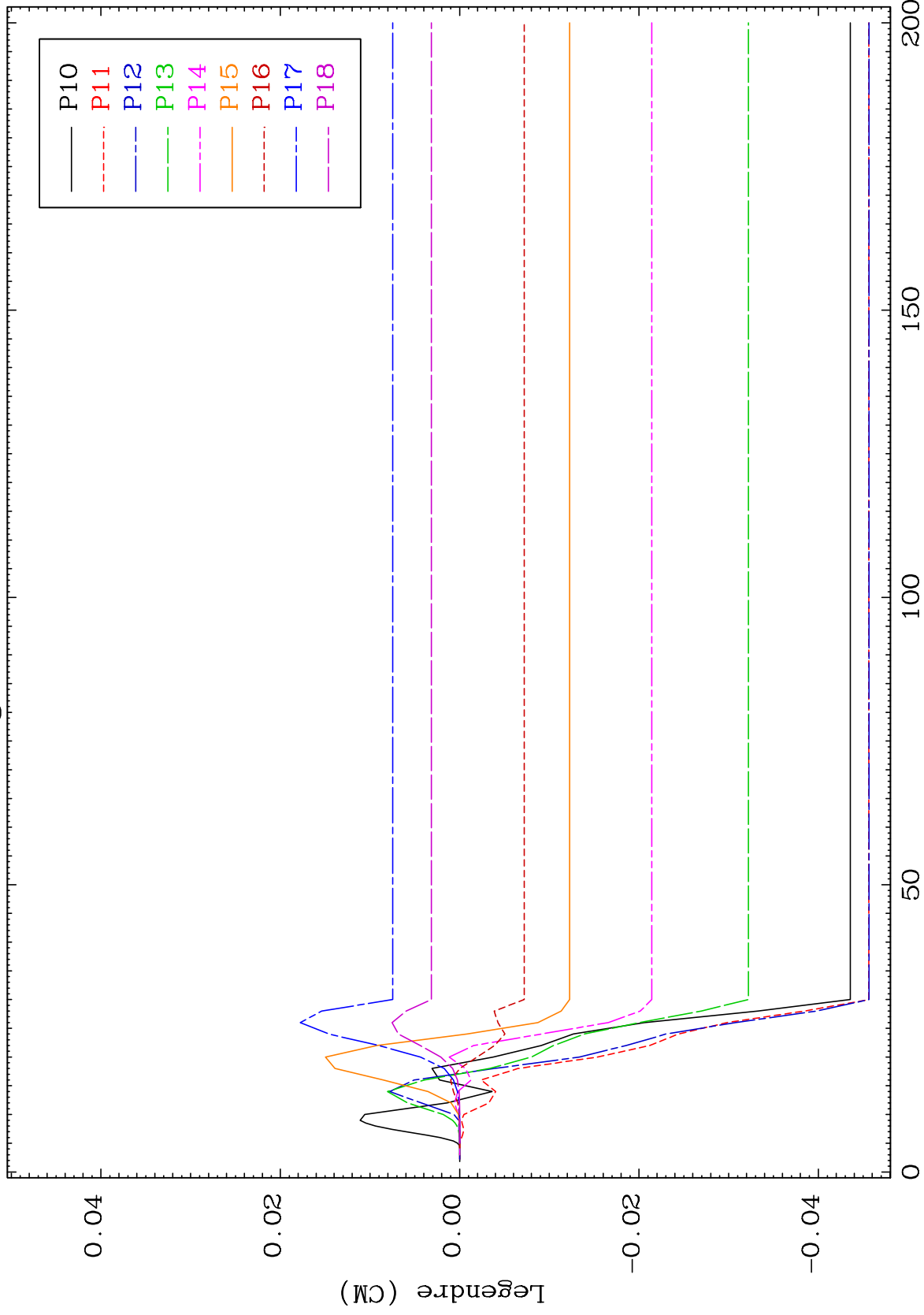




MAT 6319

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

63-Eu-149



89

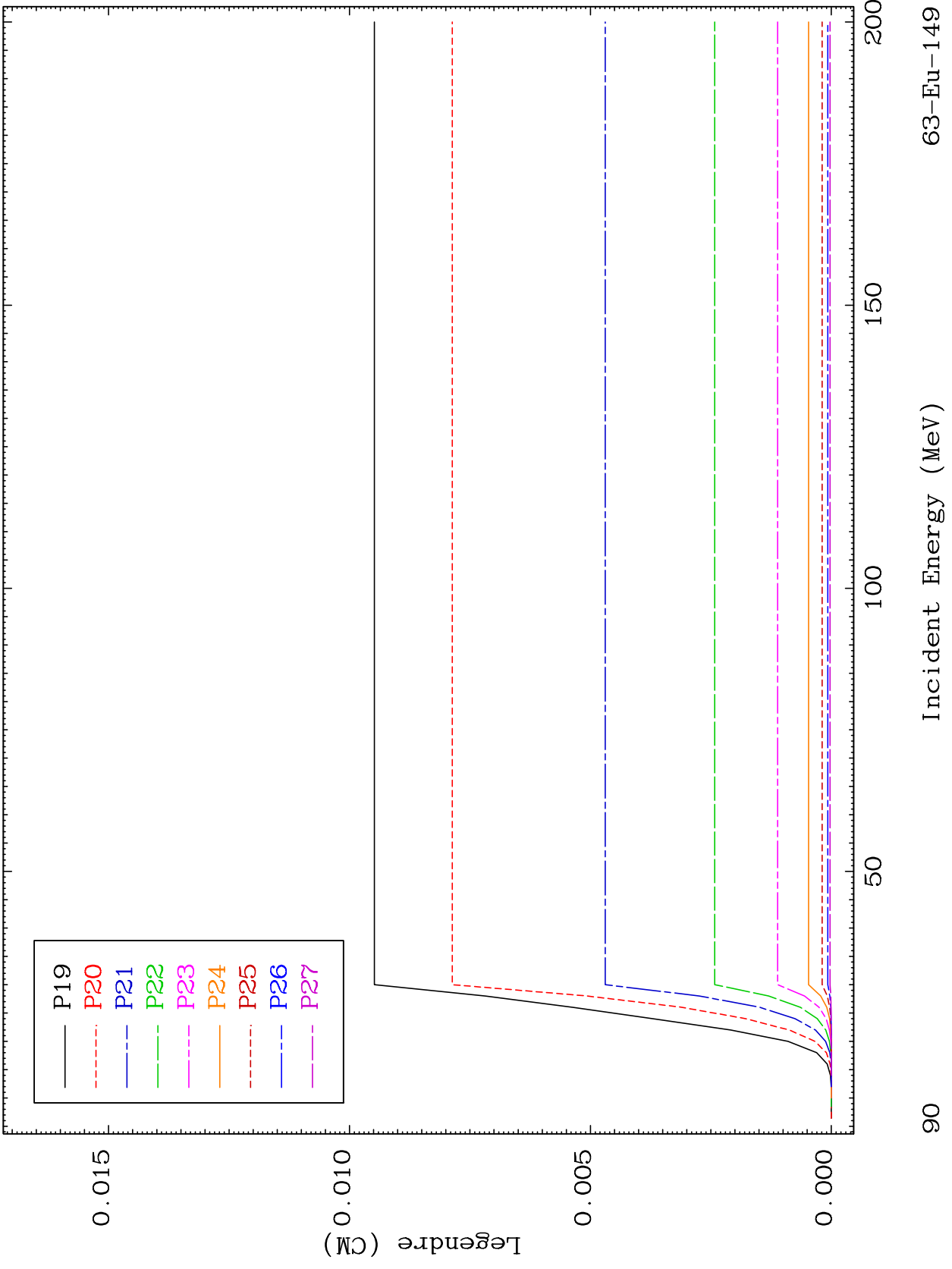
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



90

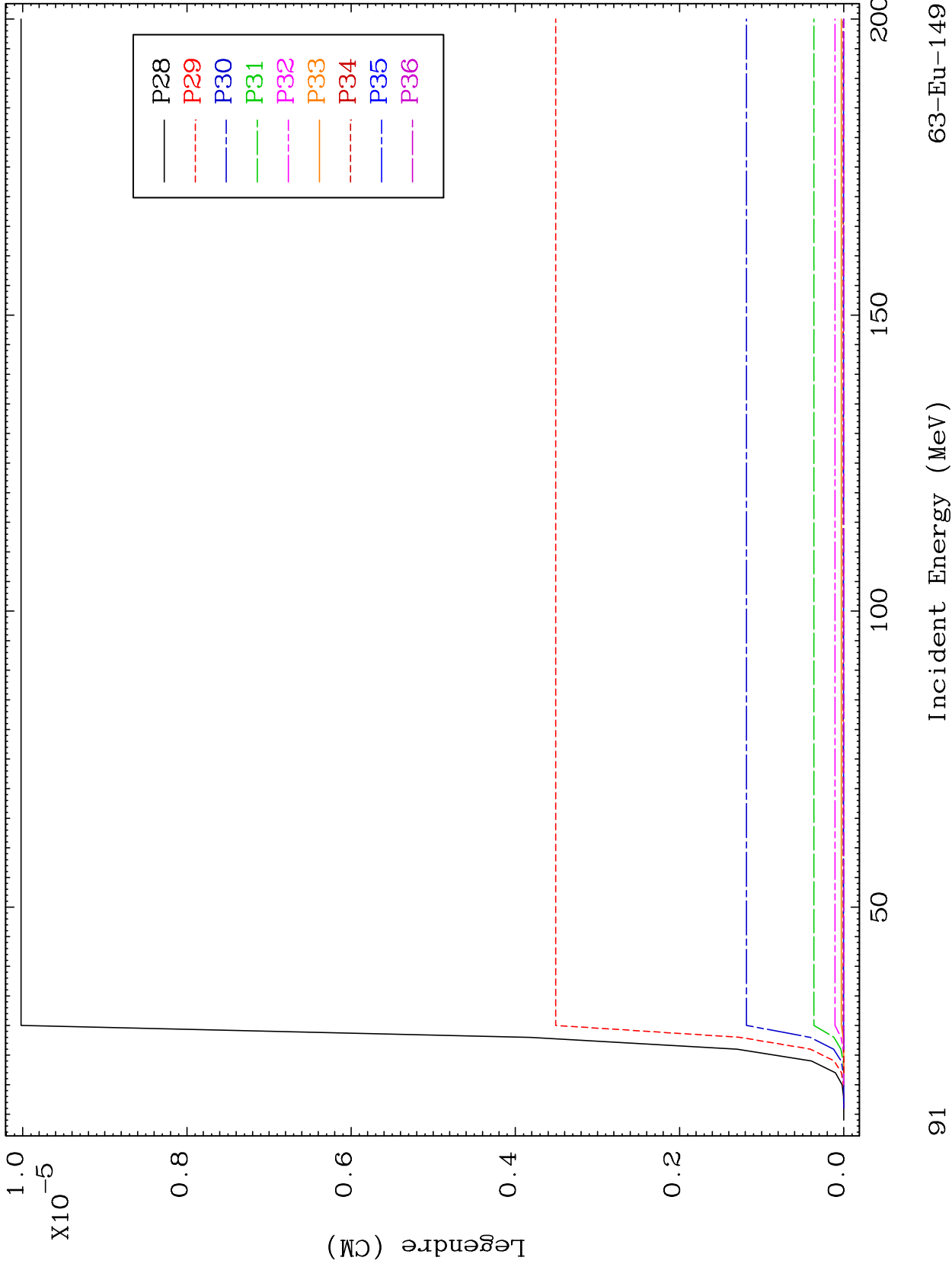
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

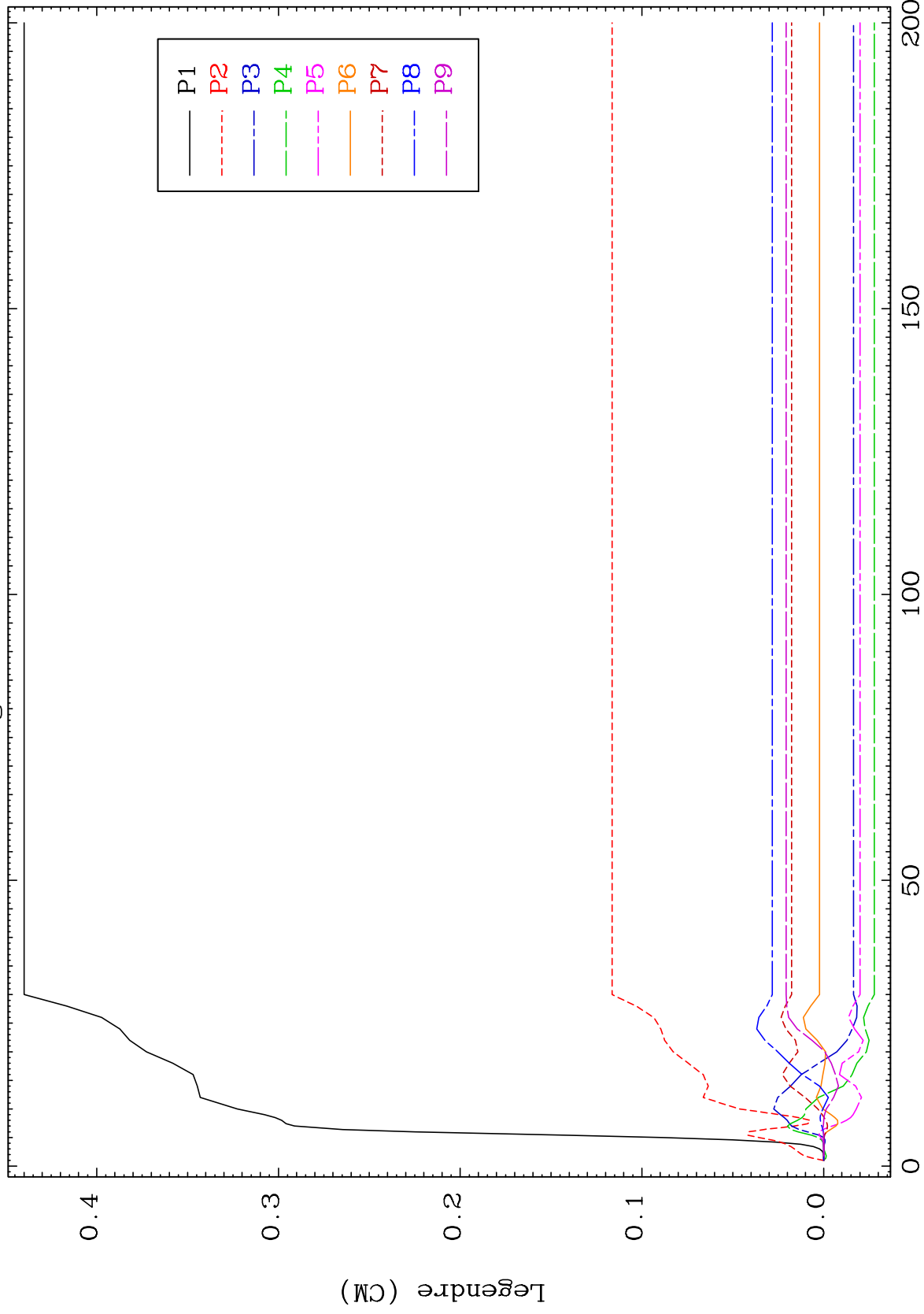
63-Eu-149



MAT 6319

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

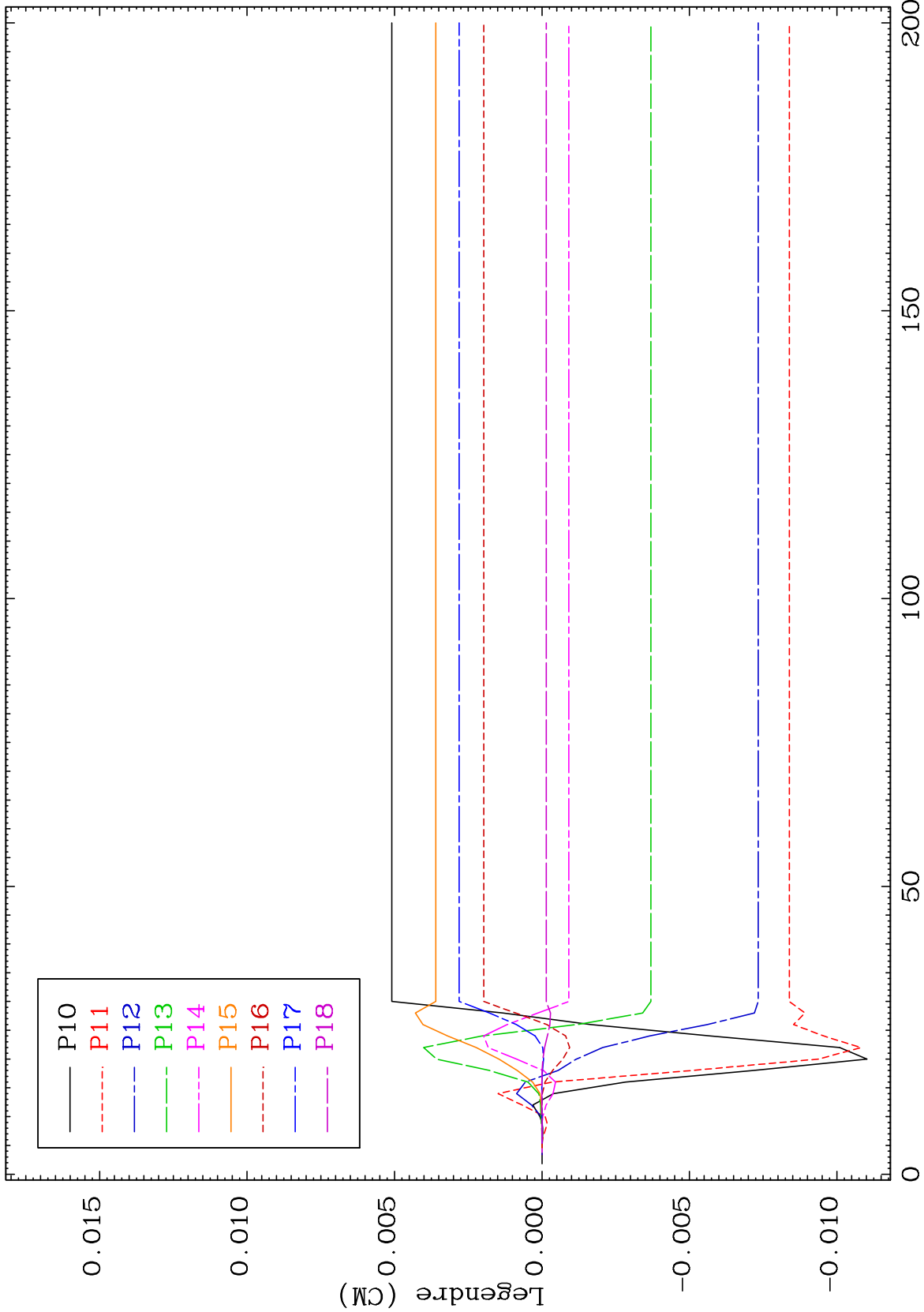
63-Eu-149



92

Incident Energy (MeV)

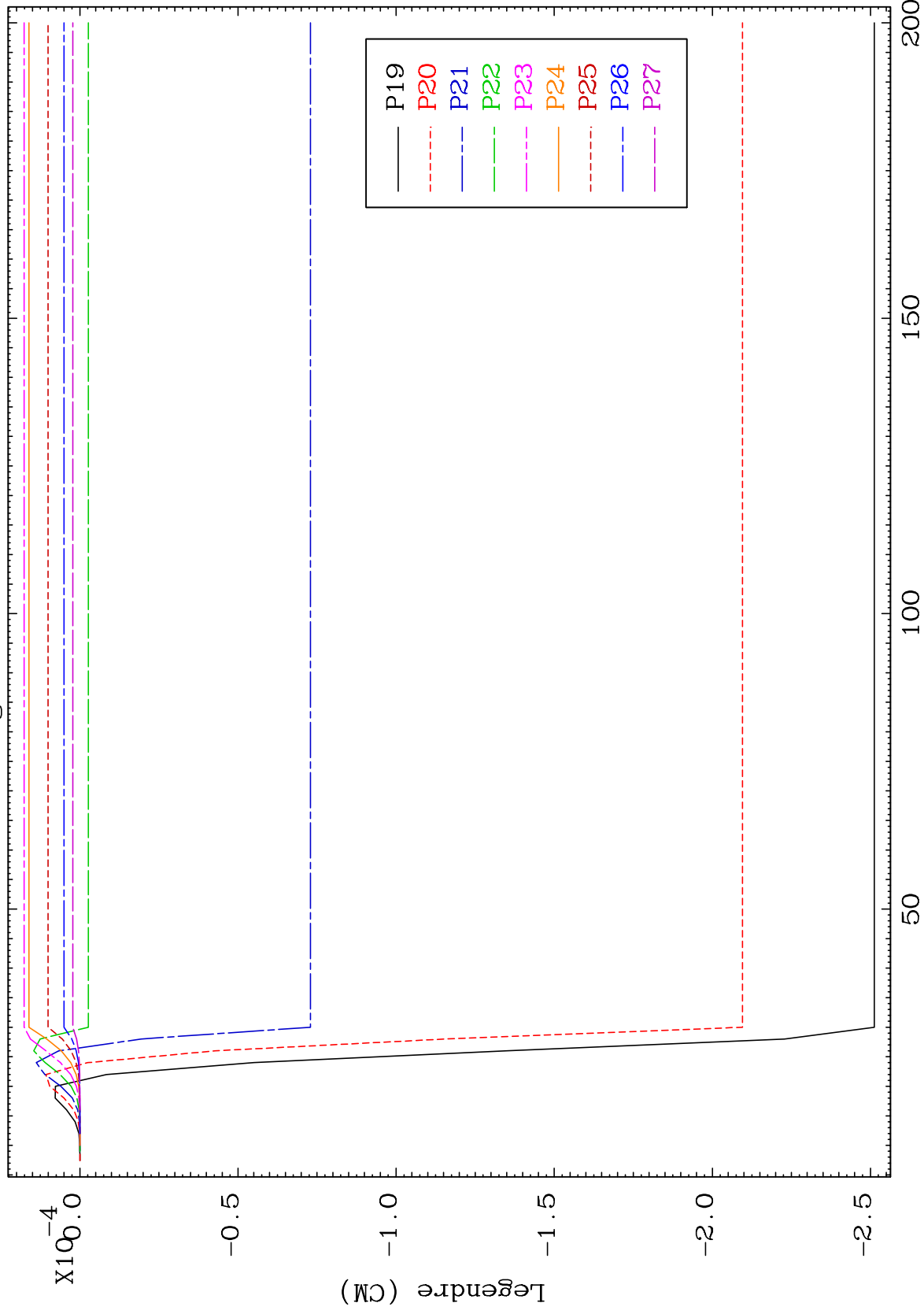
63-Eu-149



MAT 6319

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

63-Eu-149



94

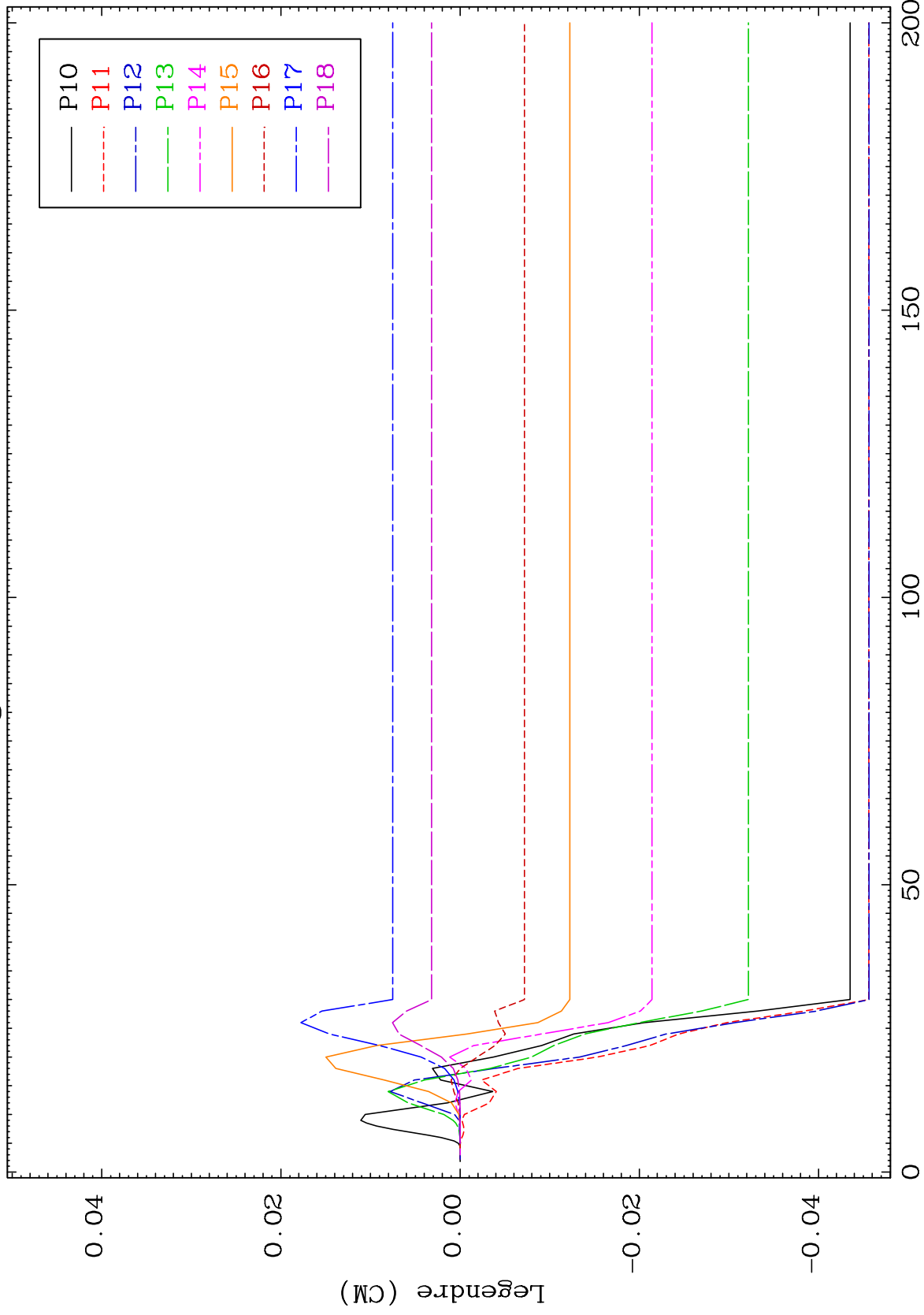
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



97

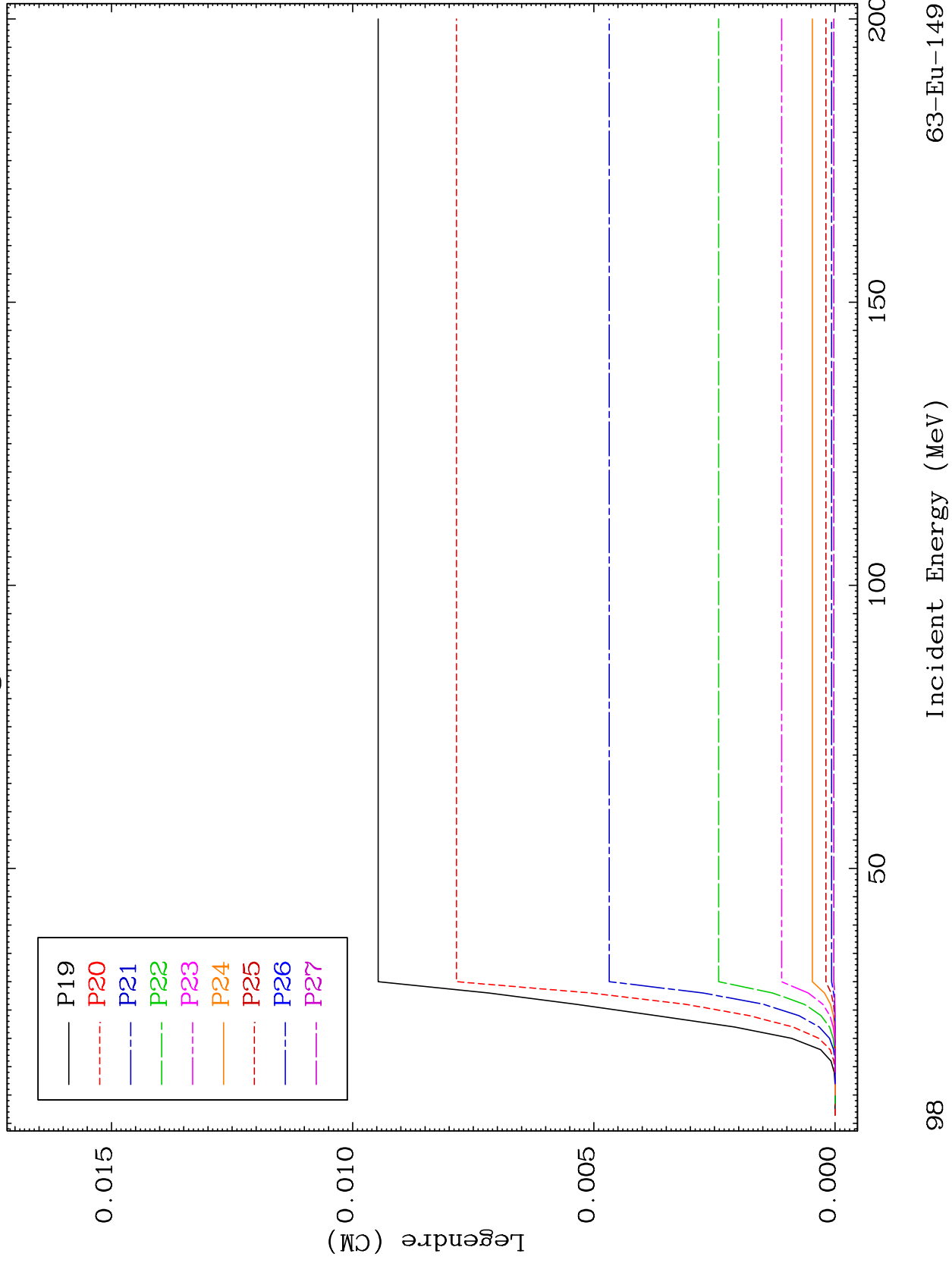
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



98

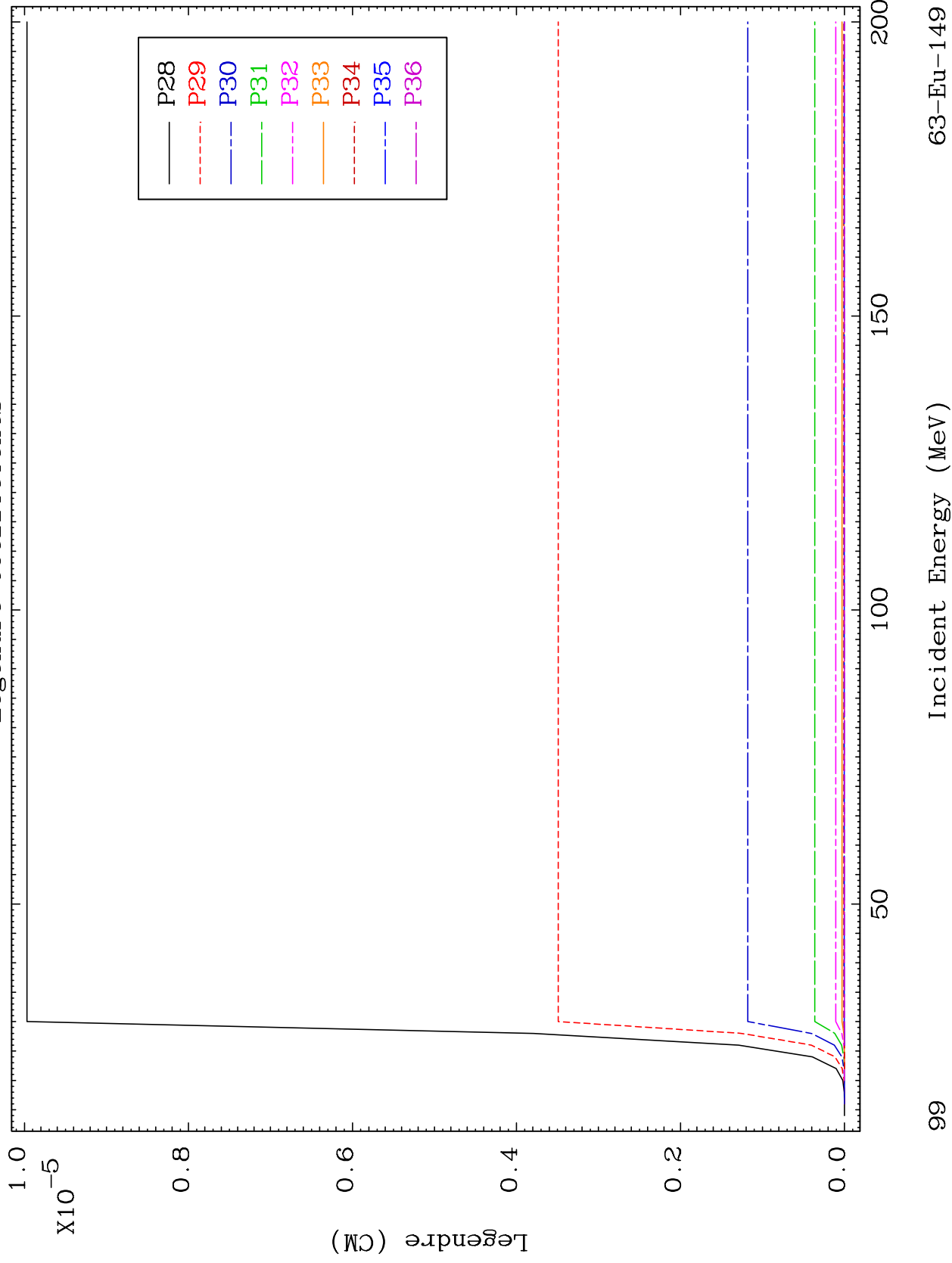
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



99

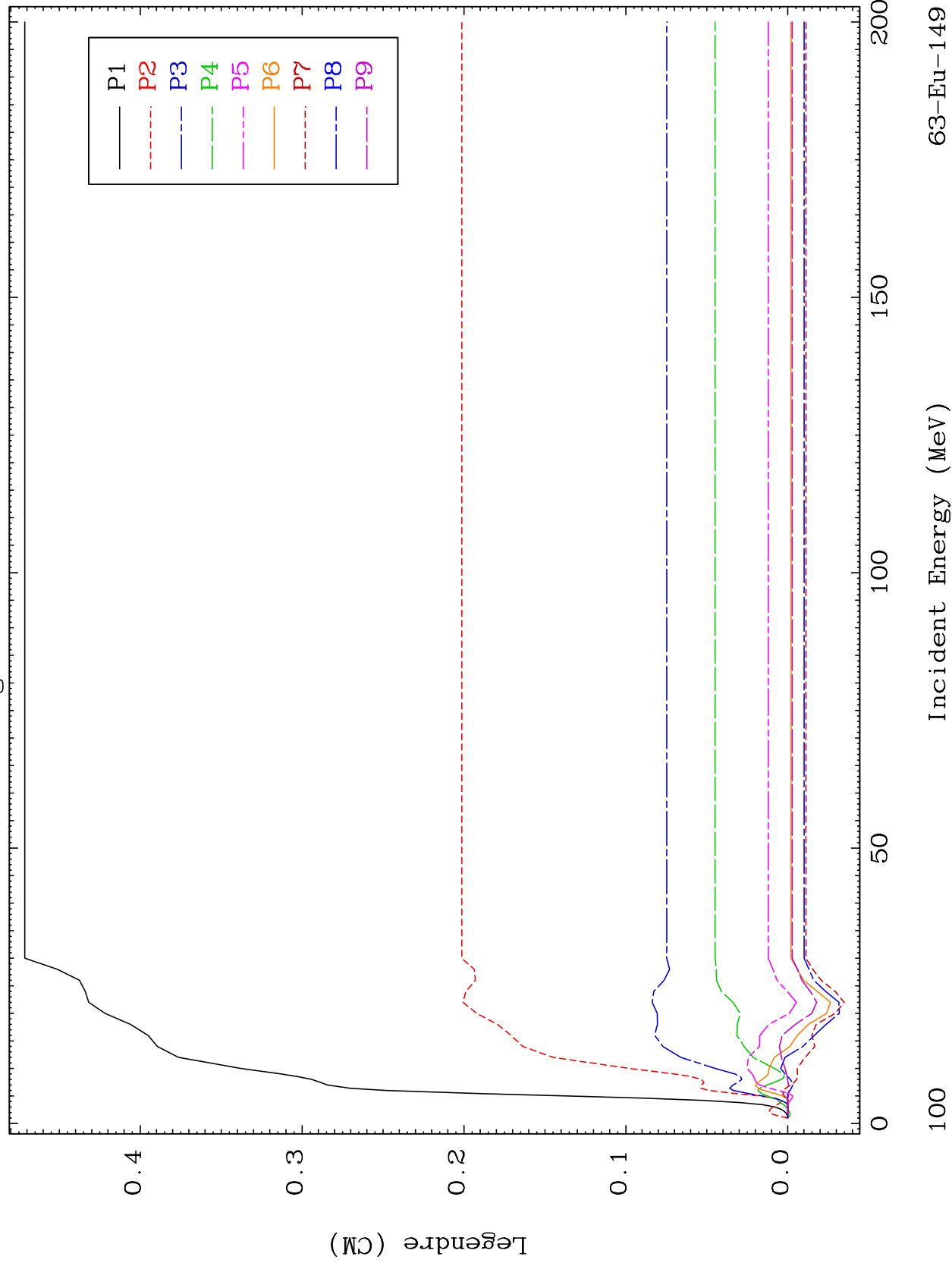
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



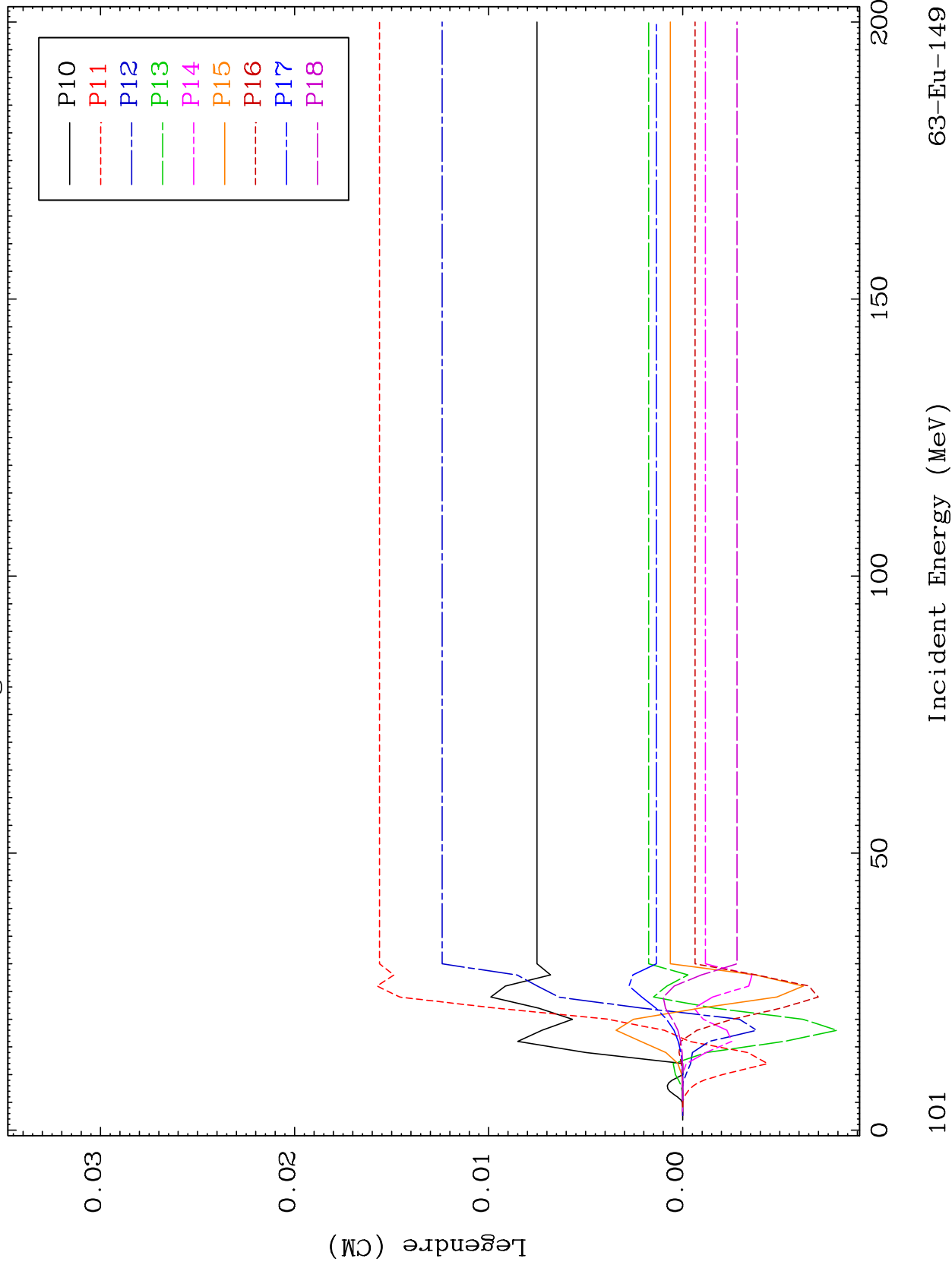
63-Eu-149

Incident Energy (MeV)

MAT 6319

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

63-Eu-149



63-Eu-149

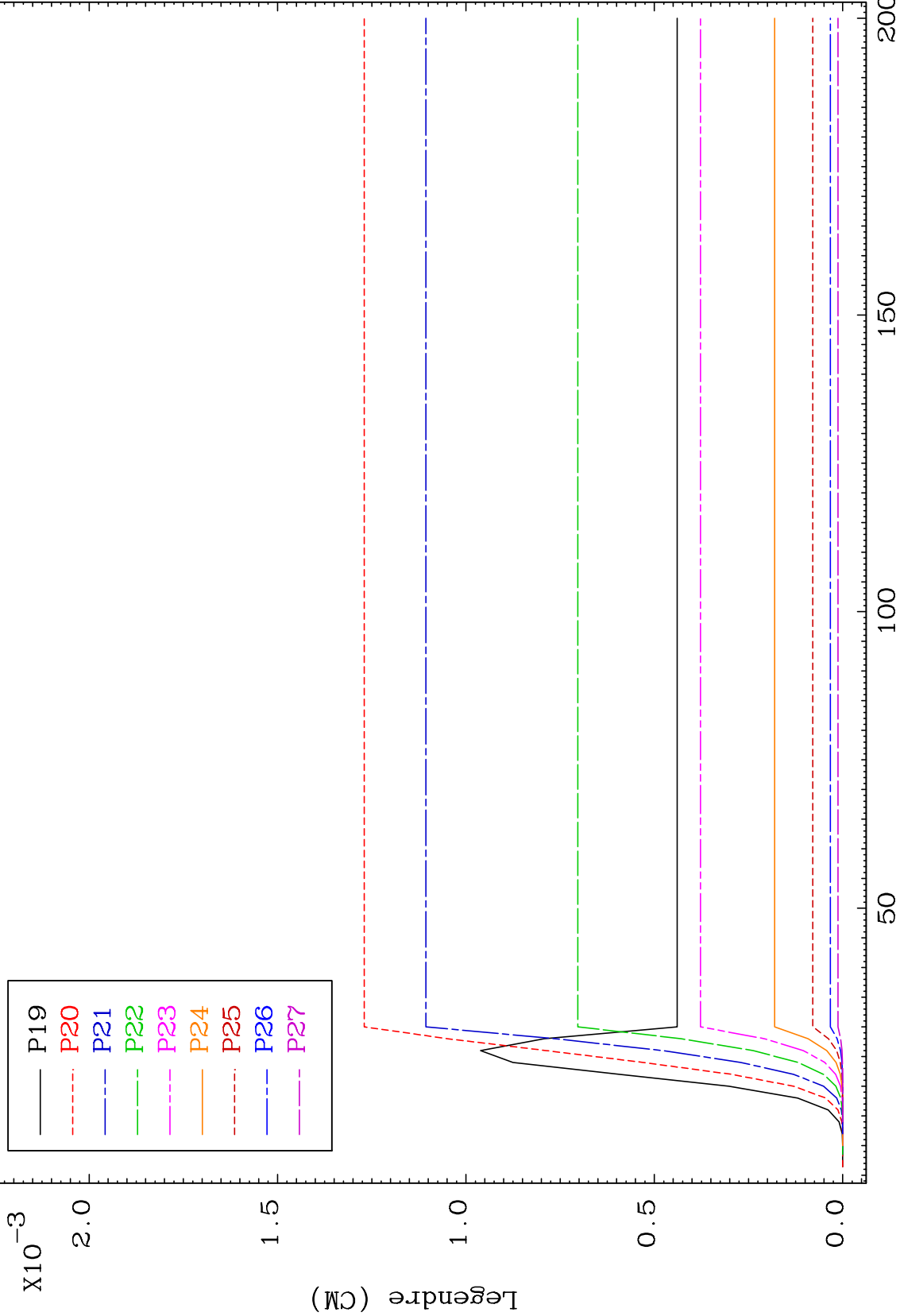
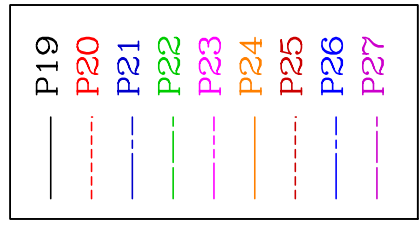
Incident Energy (MeV)

101

MAT 6319

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

63-Eu-149



102

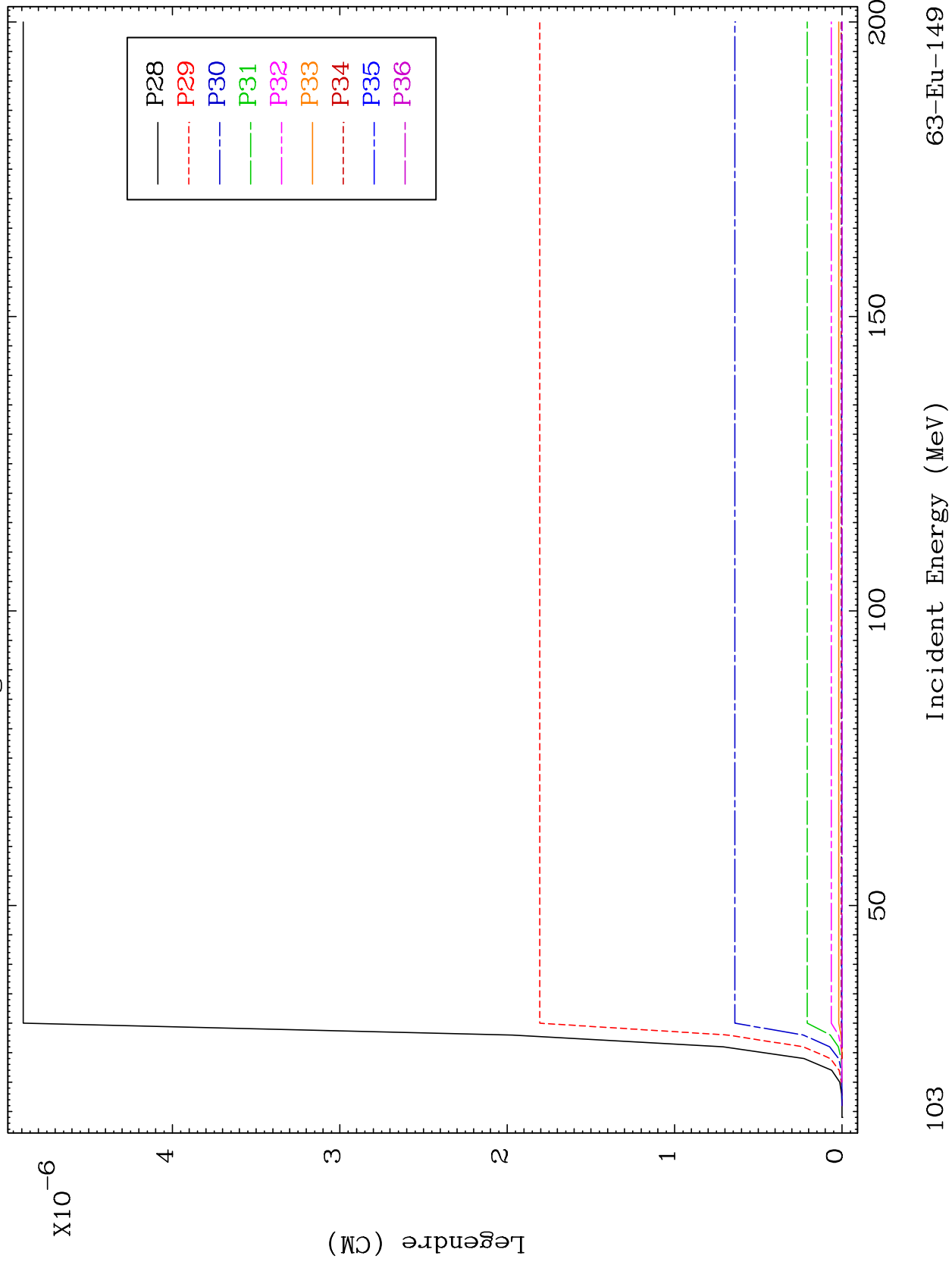
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



103

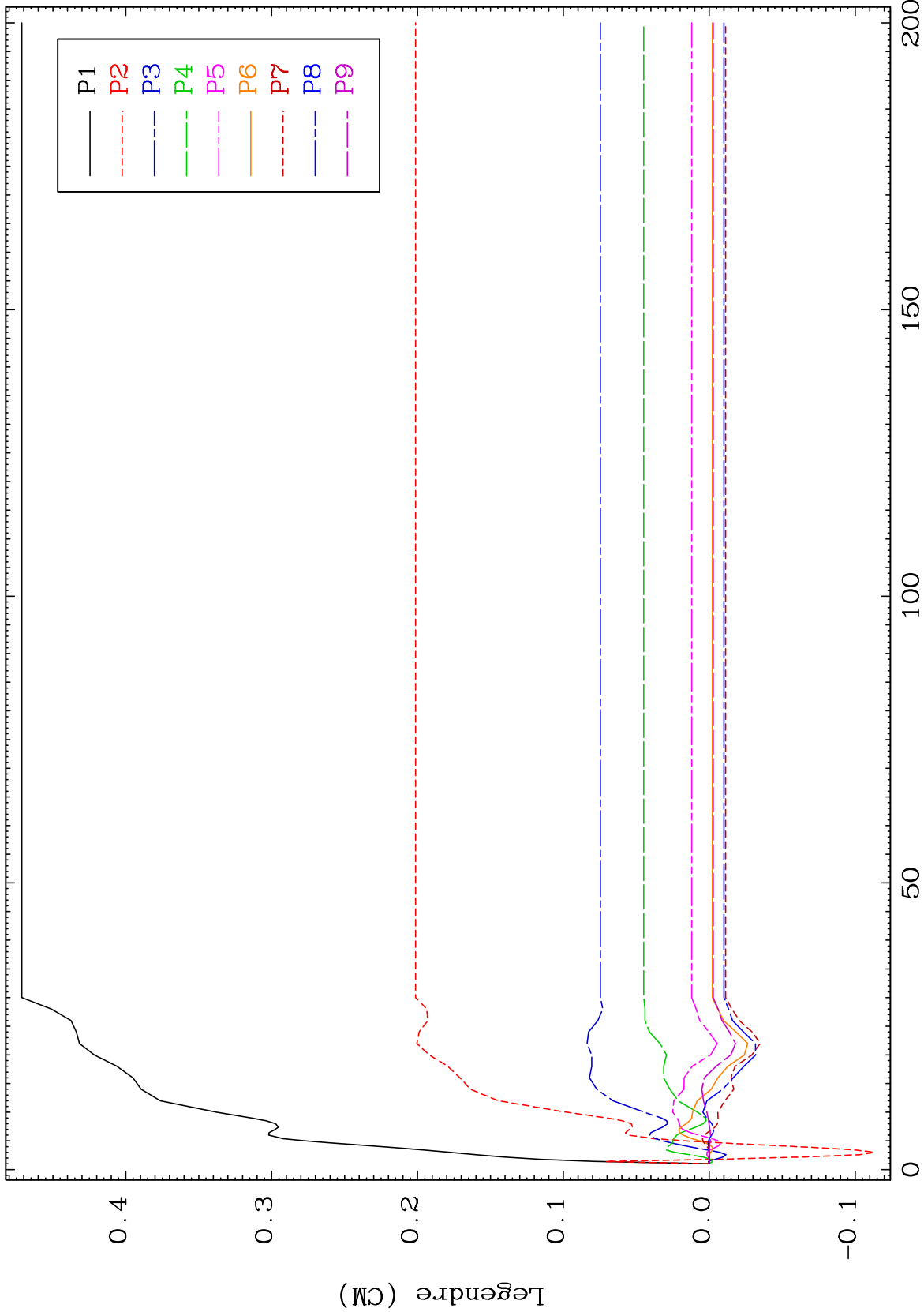
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

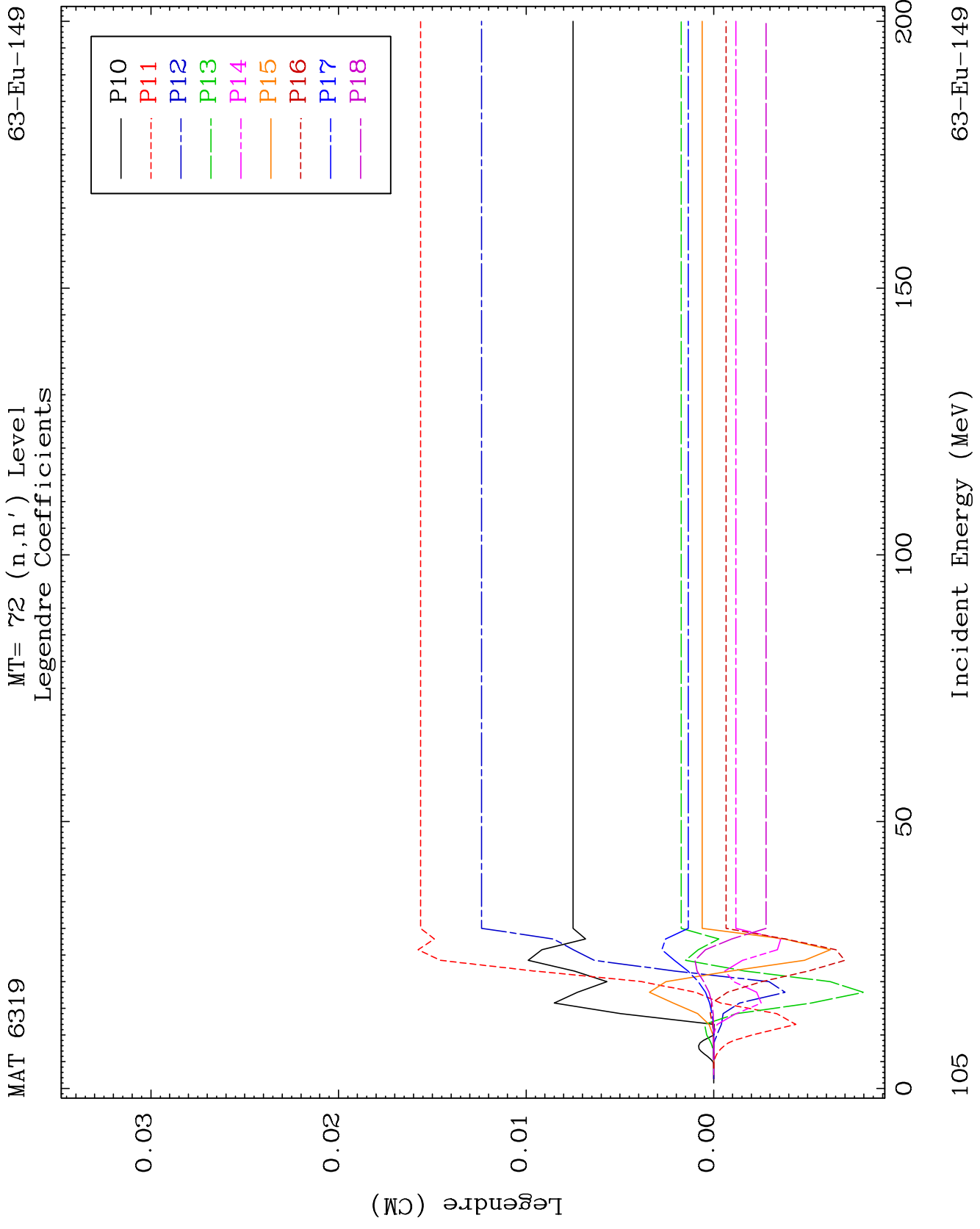
63-Eu-149



63-Eu-149

Incident Energy (MeV)

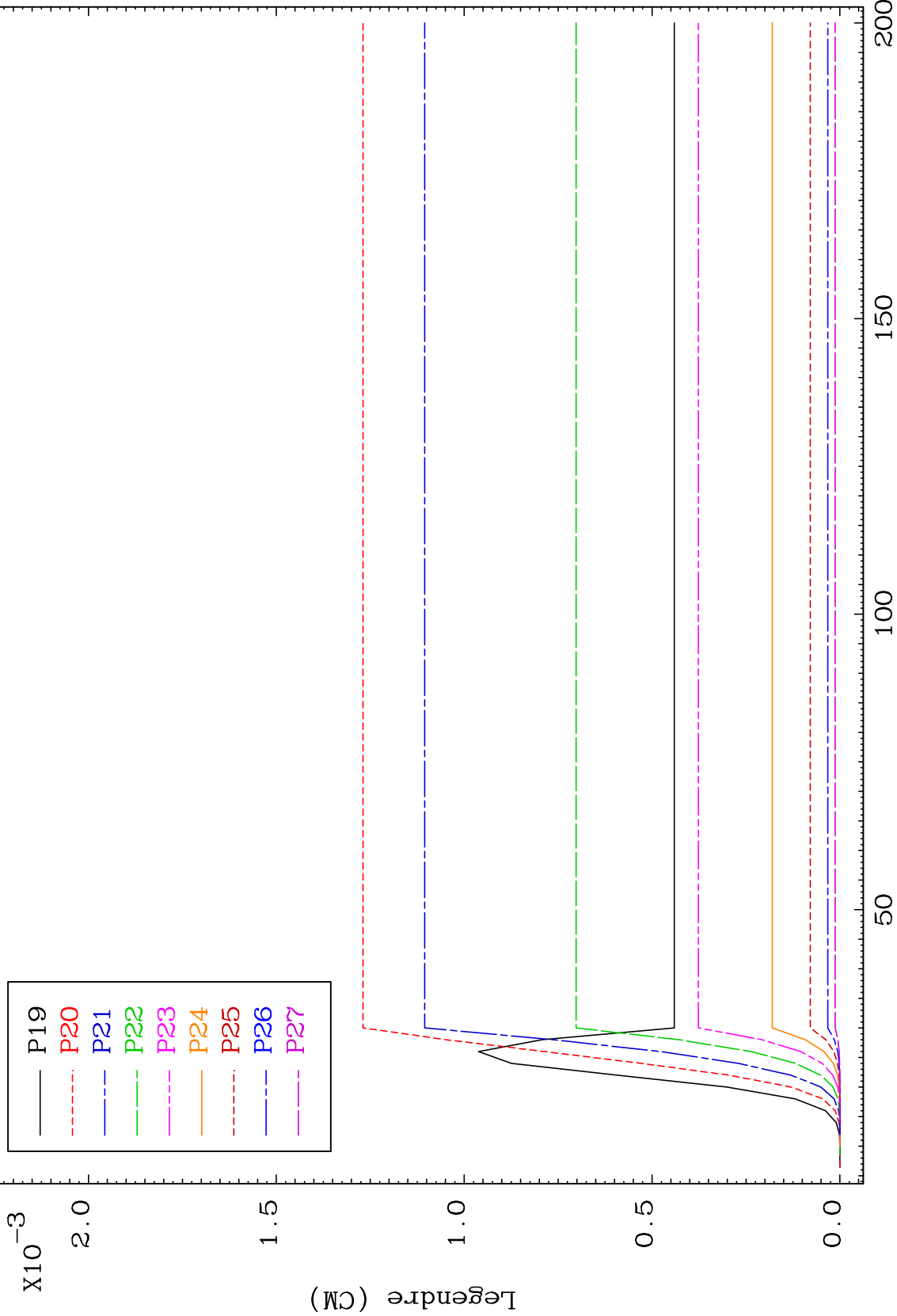
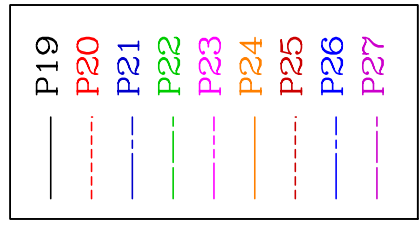
104



MAT 6319

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

63-Eu-149



106

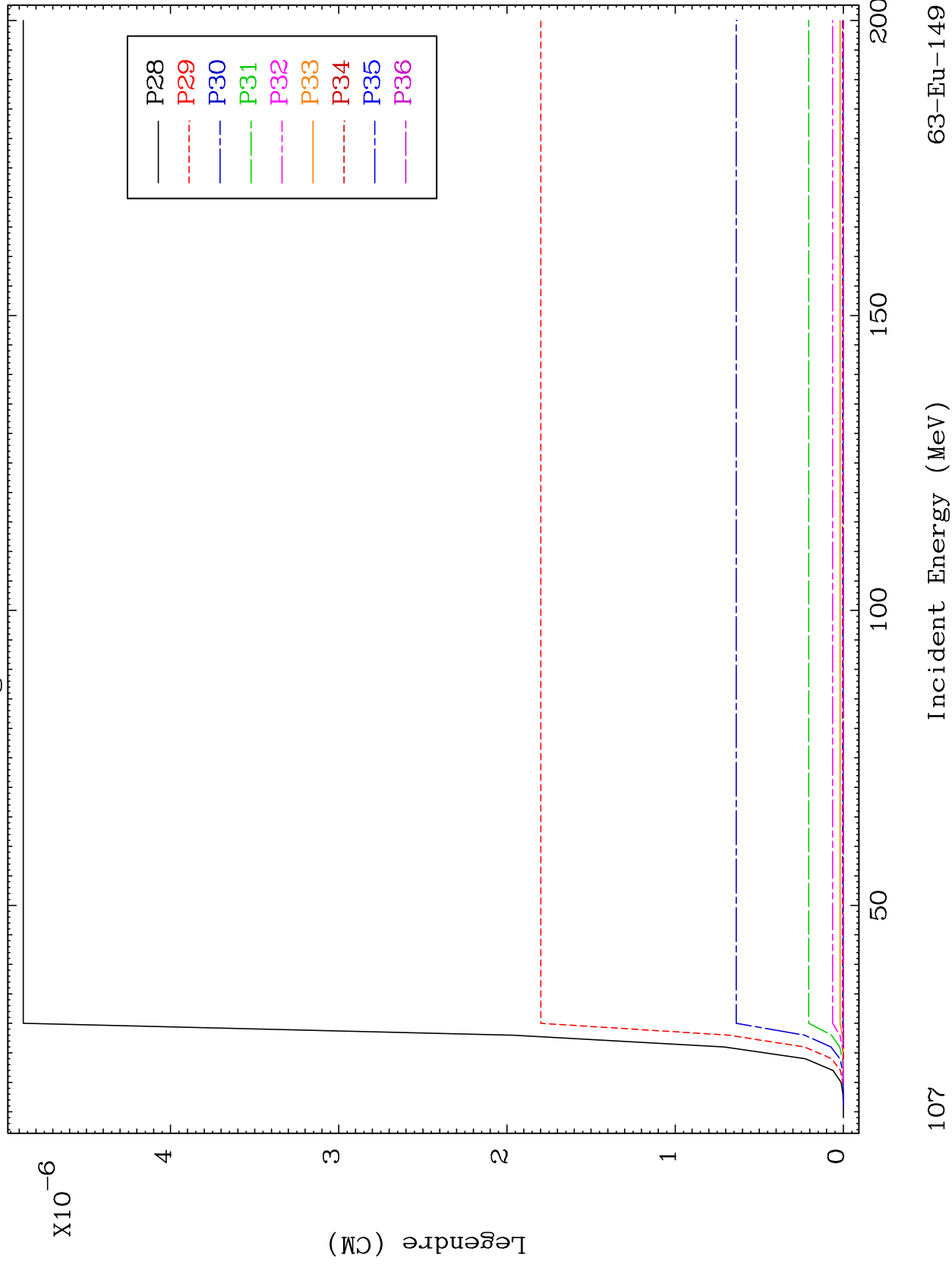
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

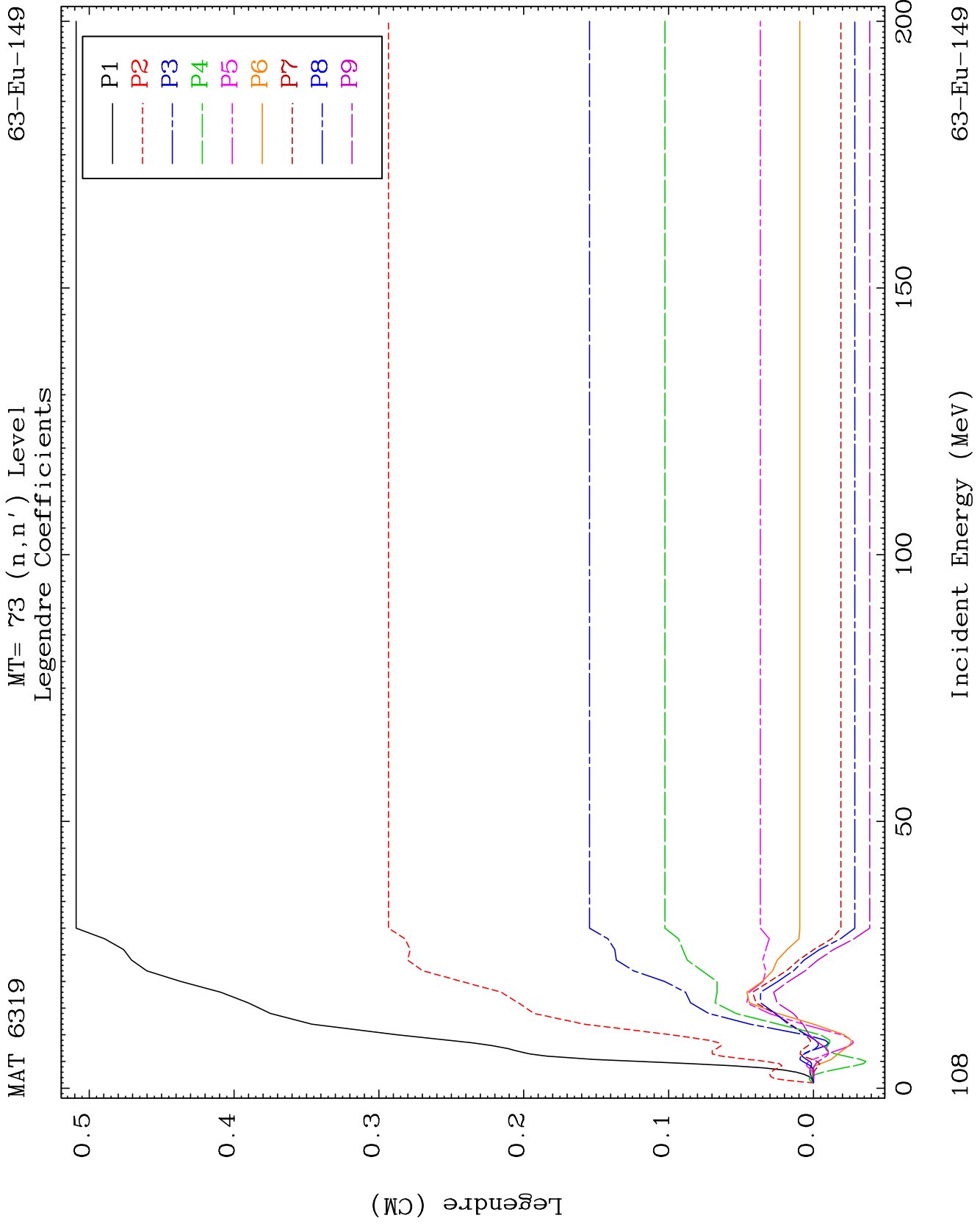
63-Eu-149



107

Incident Energy (MeV)

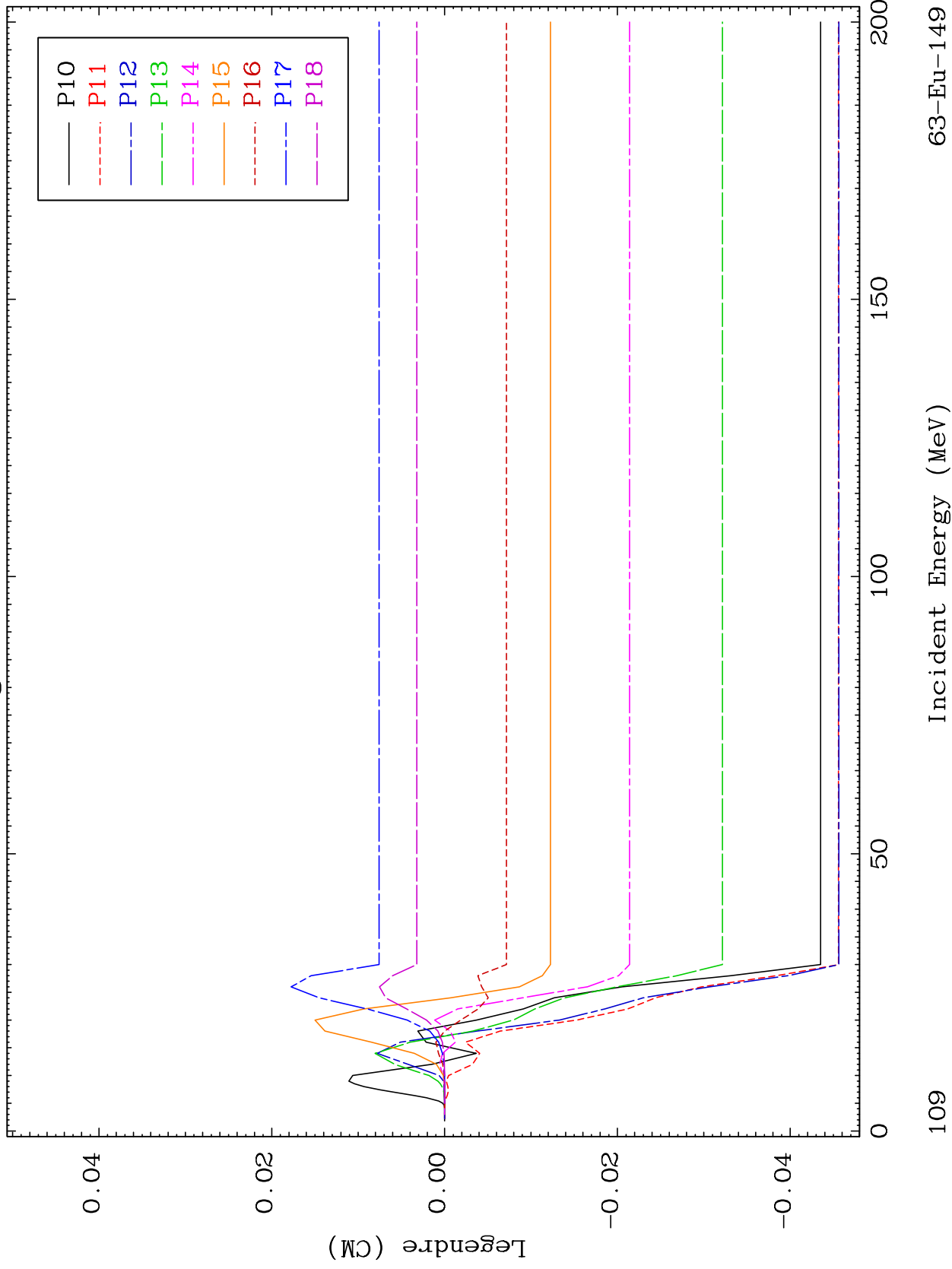
63-Eu-149



MAT 6319

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

63-Eu-149



109

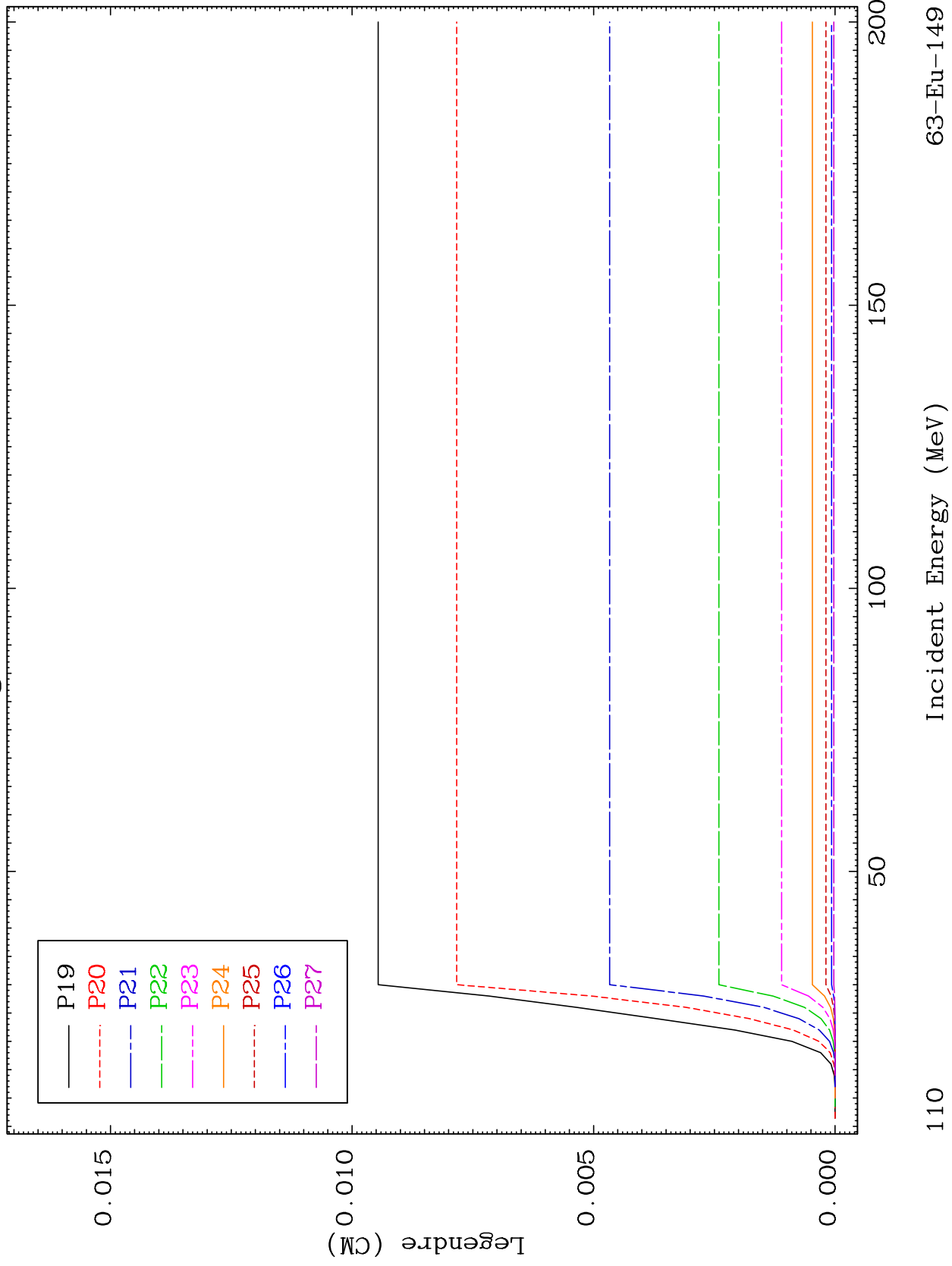
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



110

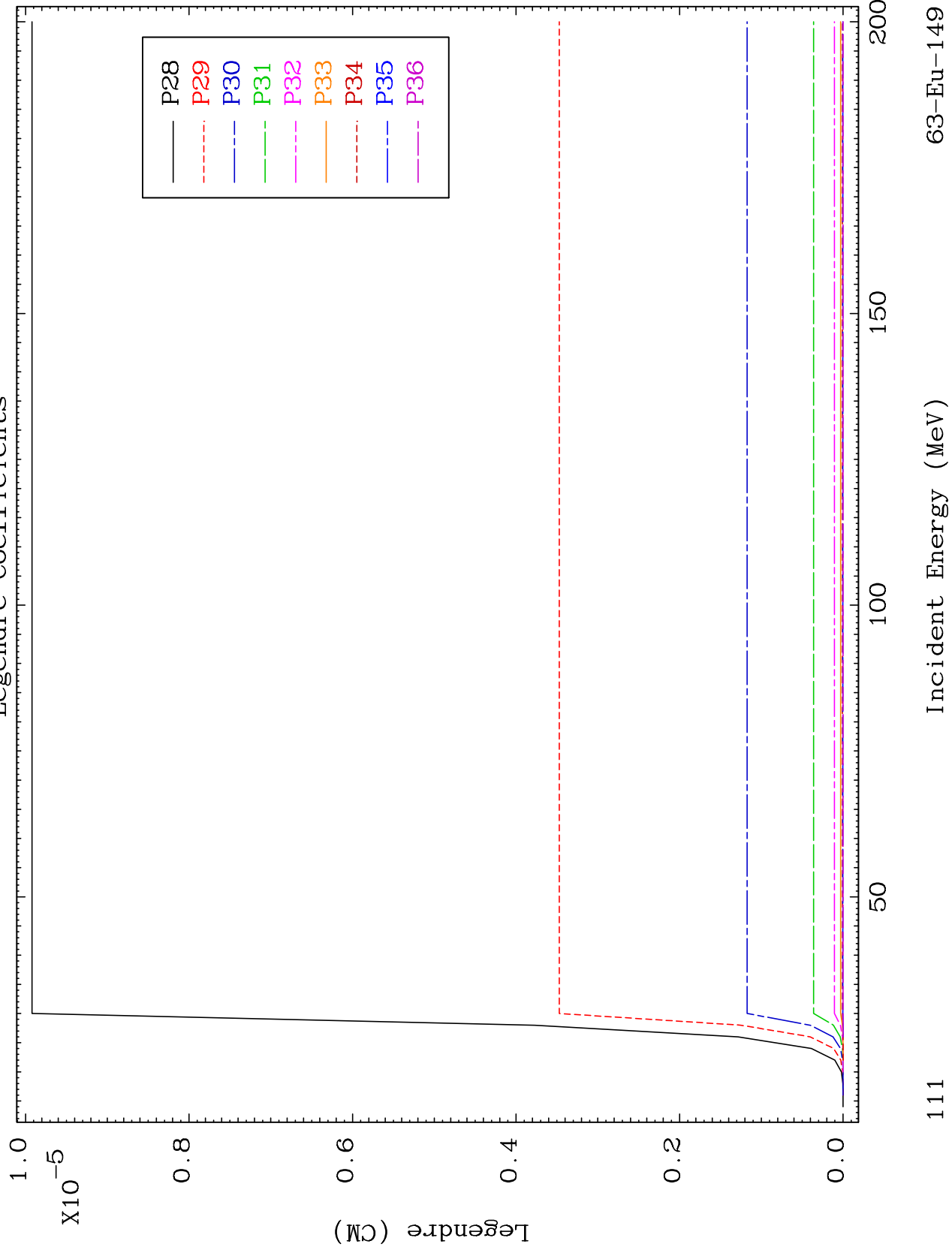
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



111

Incident Energy (MeV)

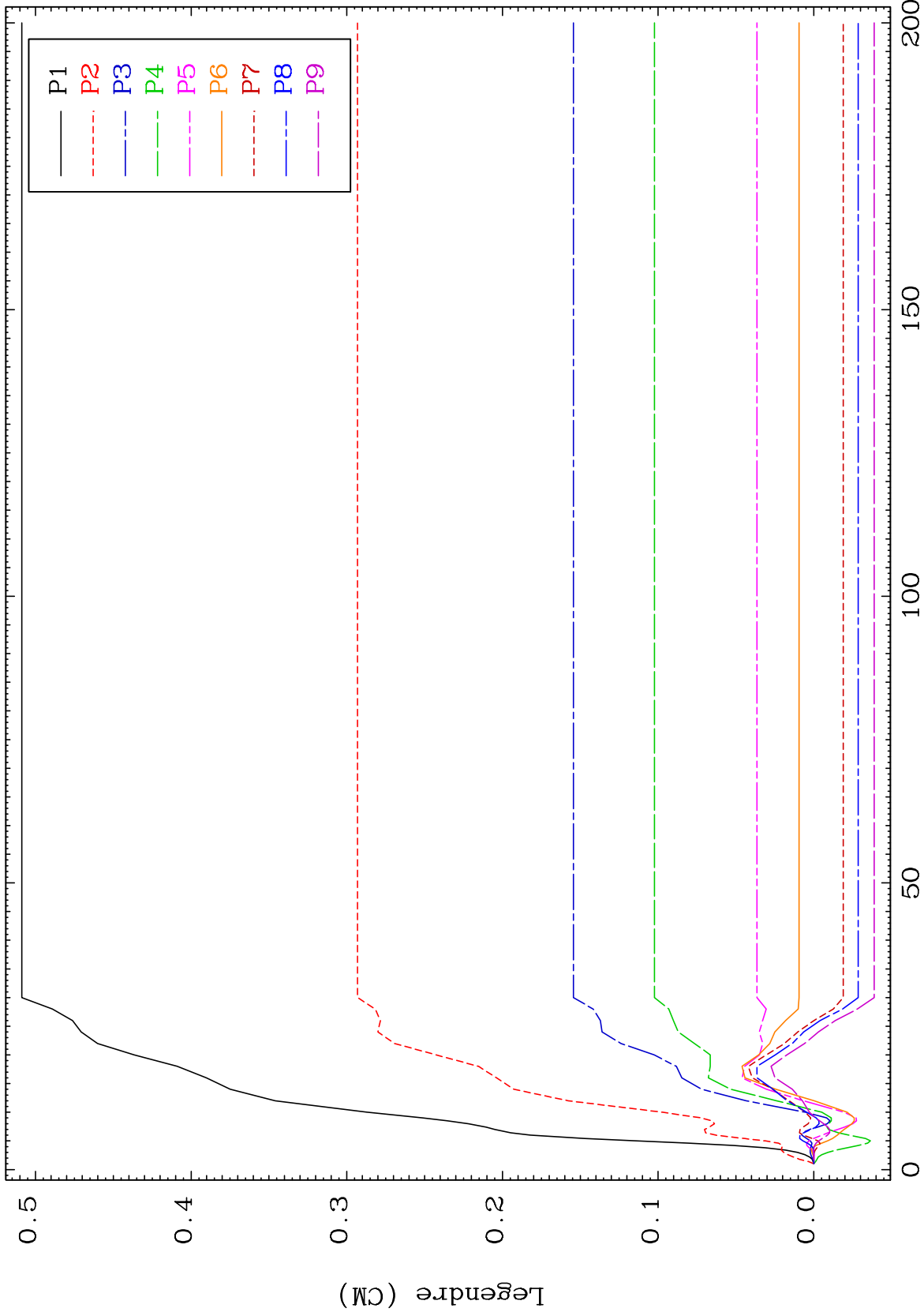
63-Eu-149

MAT 6319

MT= 74 (n,n') Level

63-Eu-149

Legendre Coefficients



112

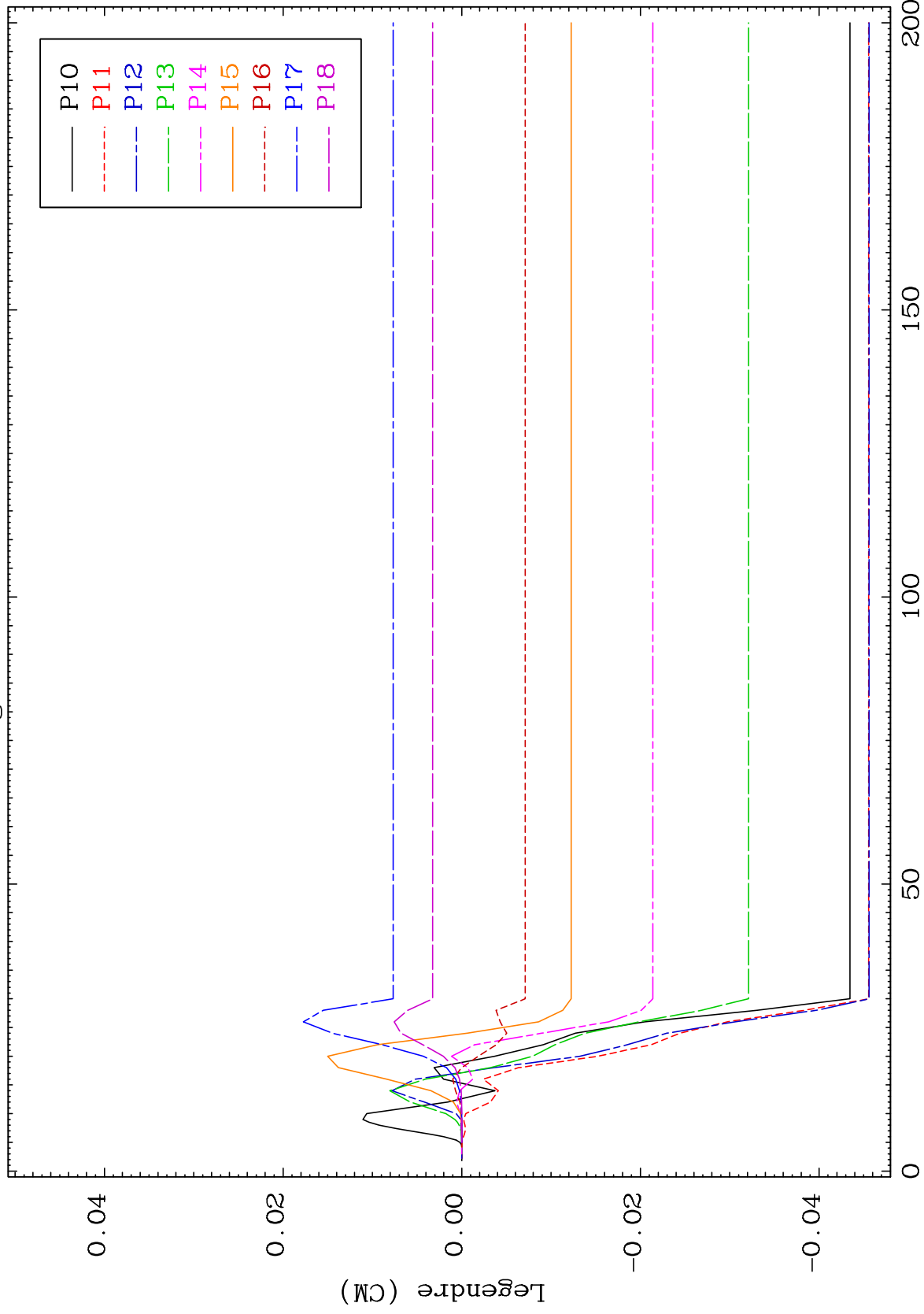
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



113

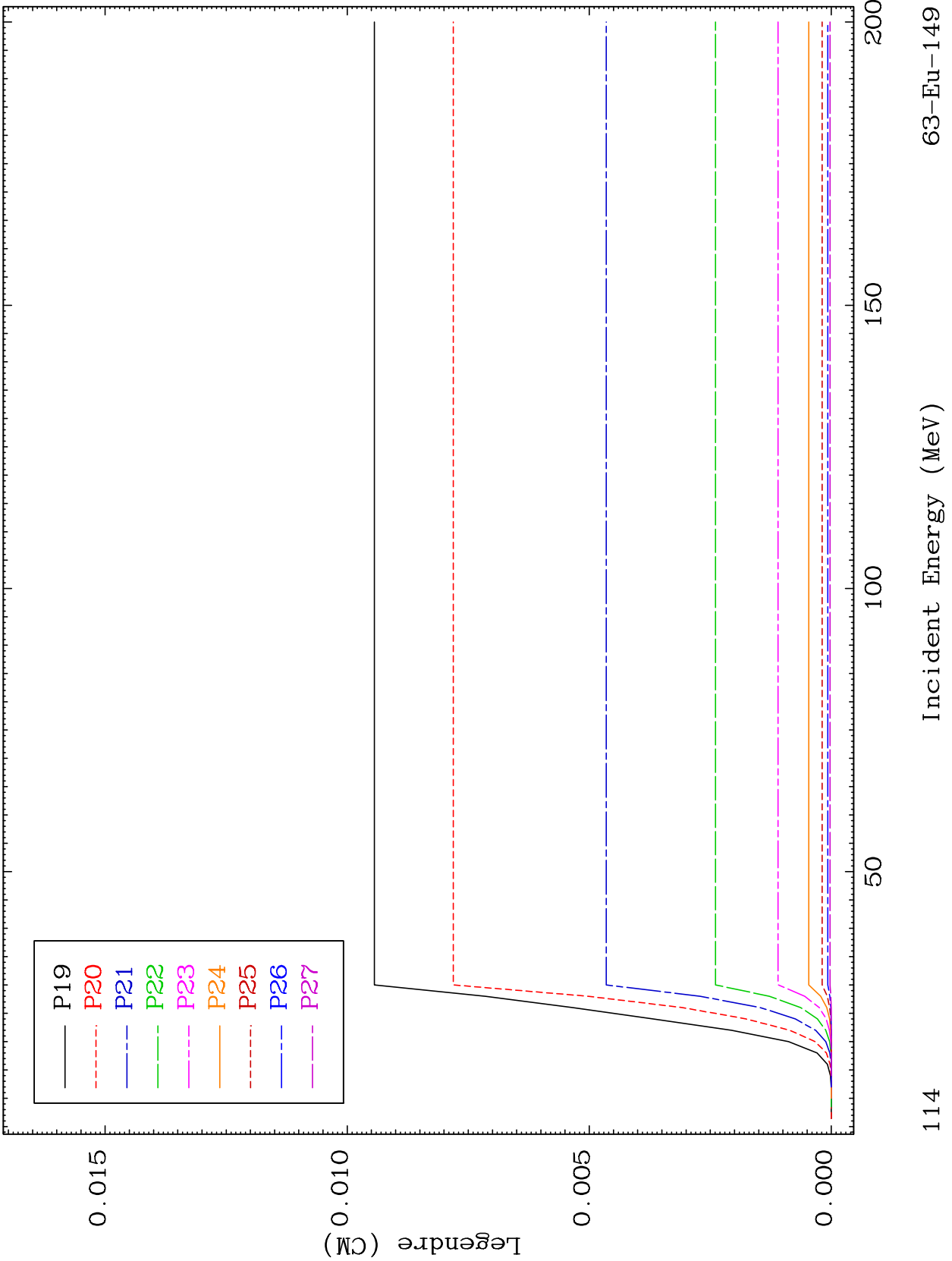
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



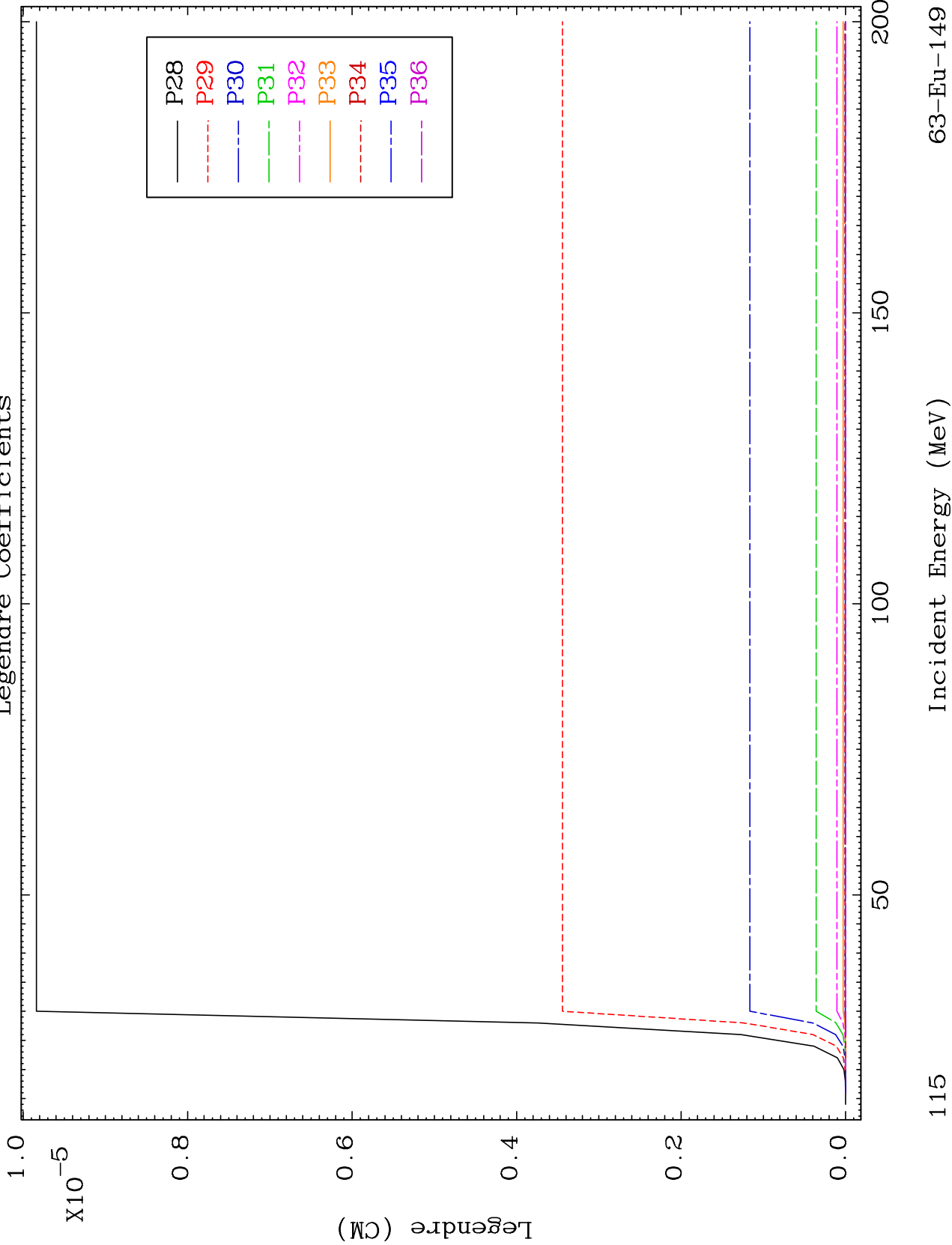
114

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

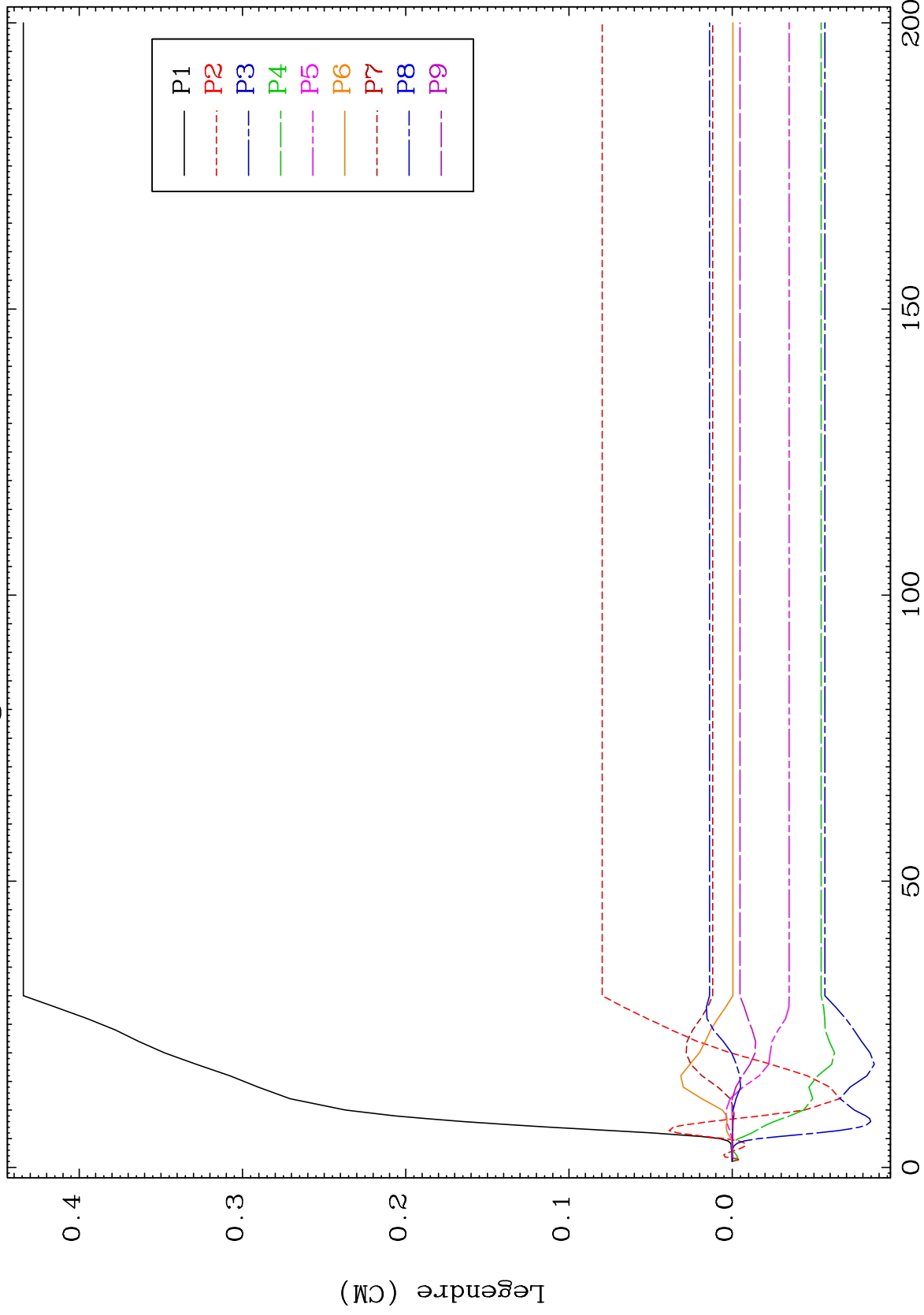
Incident Energy (MeV)

115

MAT 6319

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

63-Eu-149



63-Eu-149

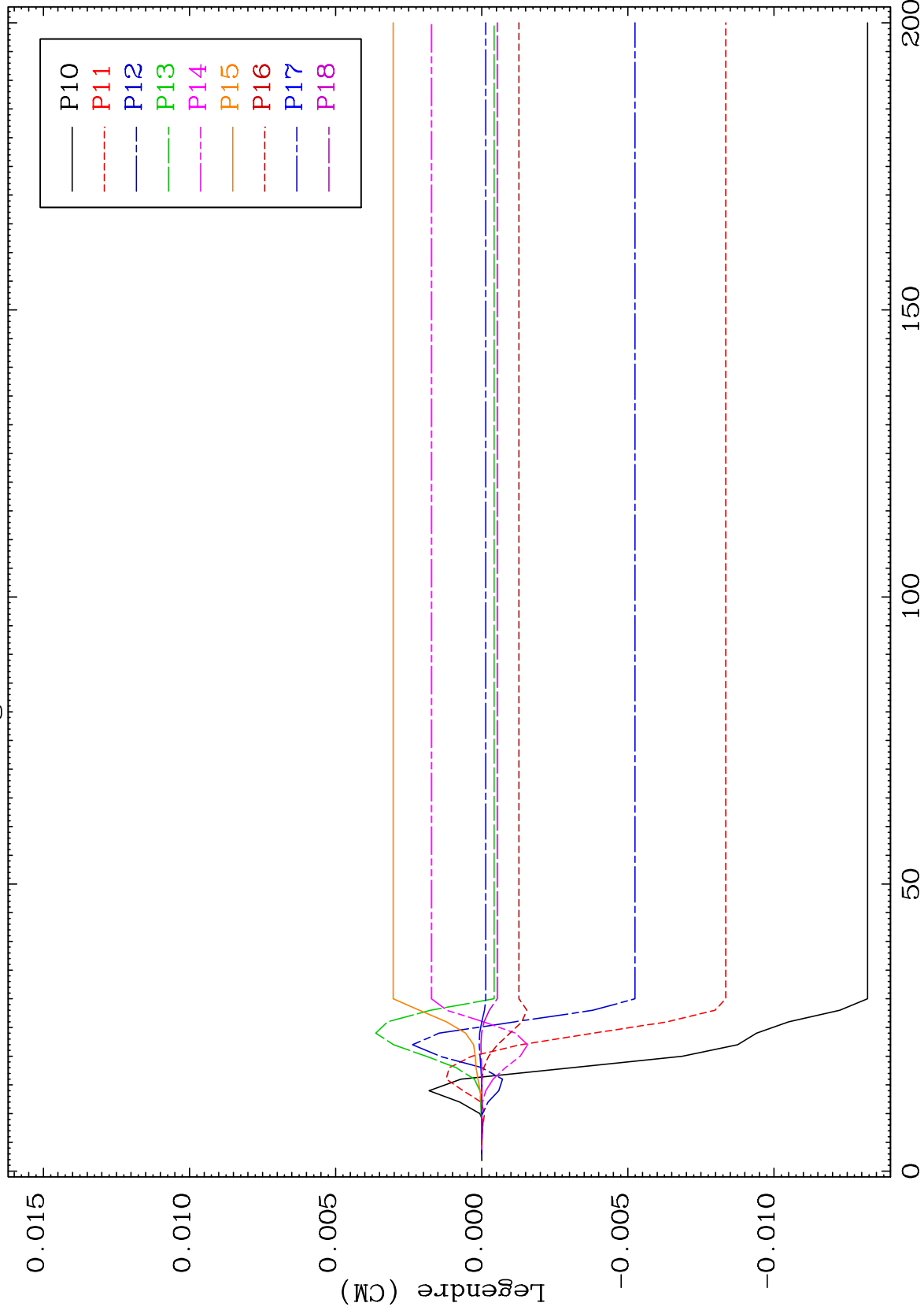
Incident Energy (MeV)

116

MAT 6319

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

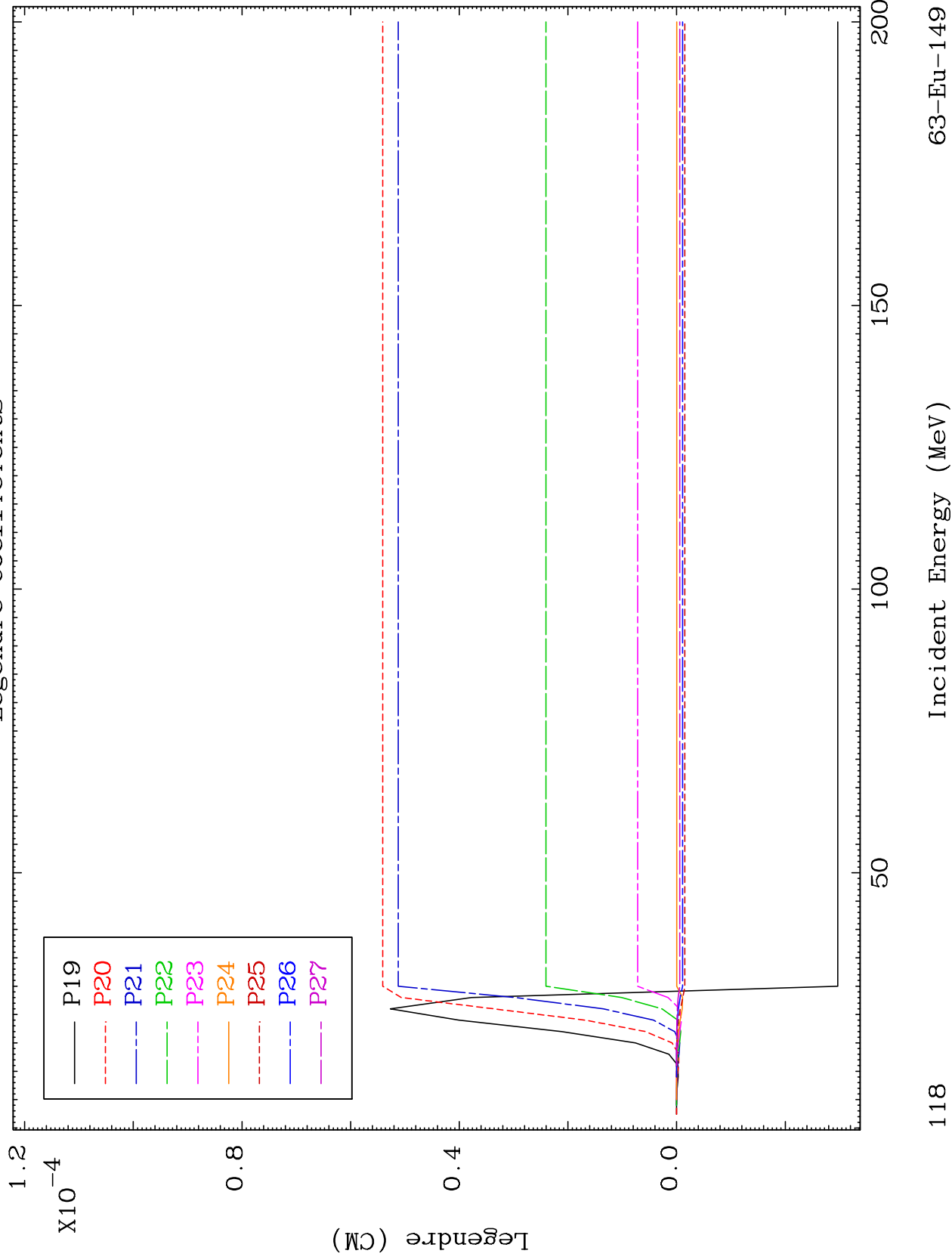
63-Eu-149

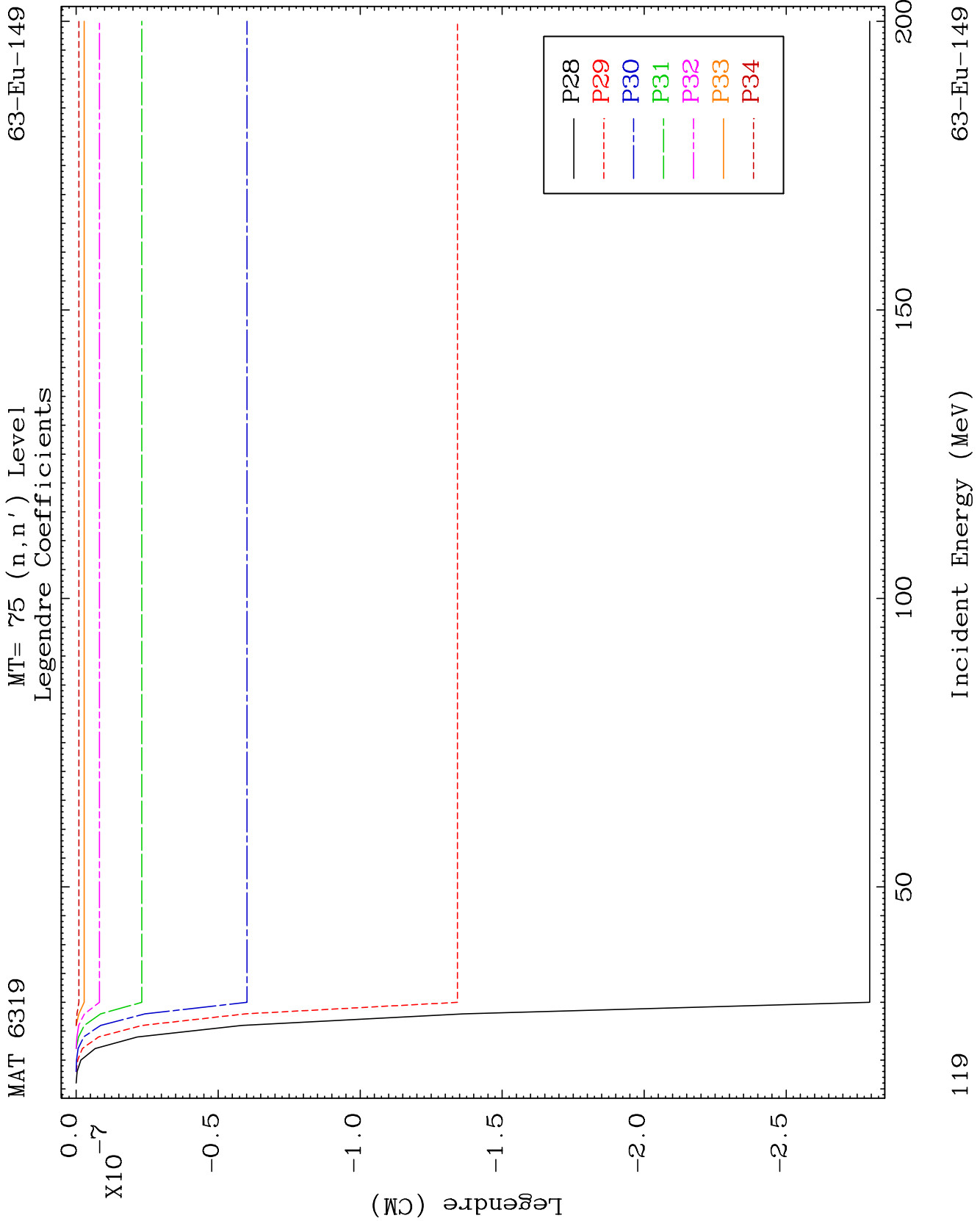


117

Incident Energy (MeV)

63-Eu-149

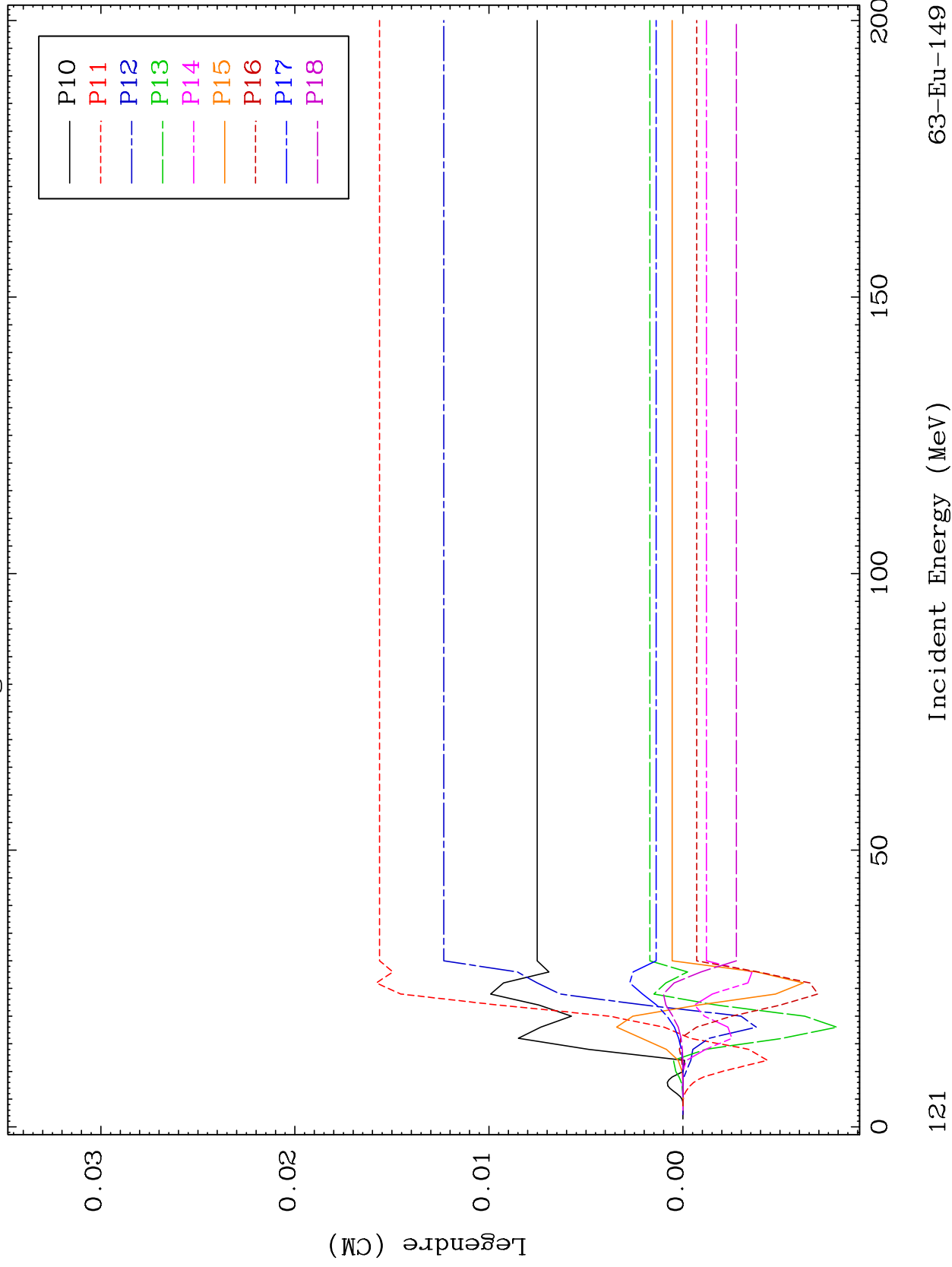




MAT 6319

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

63-Eu-149



63-Eu-149

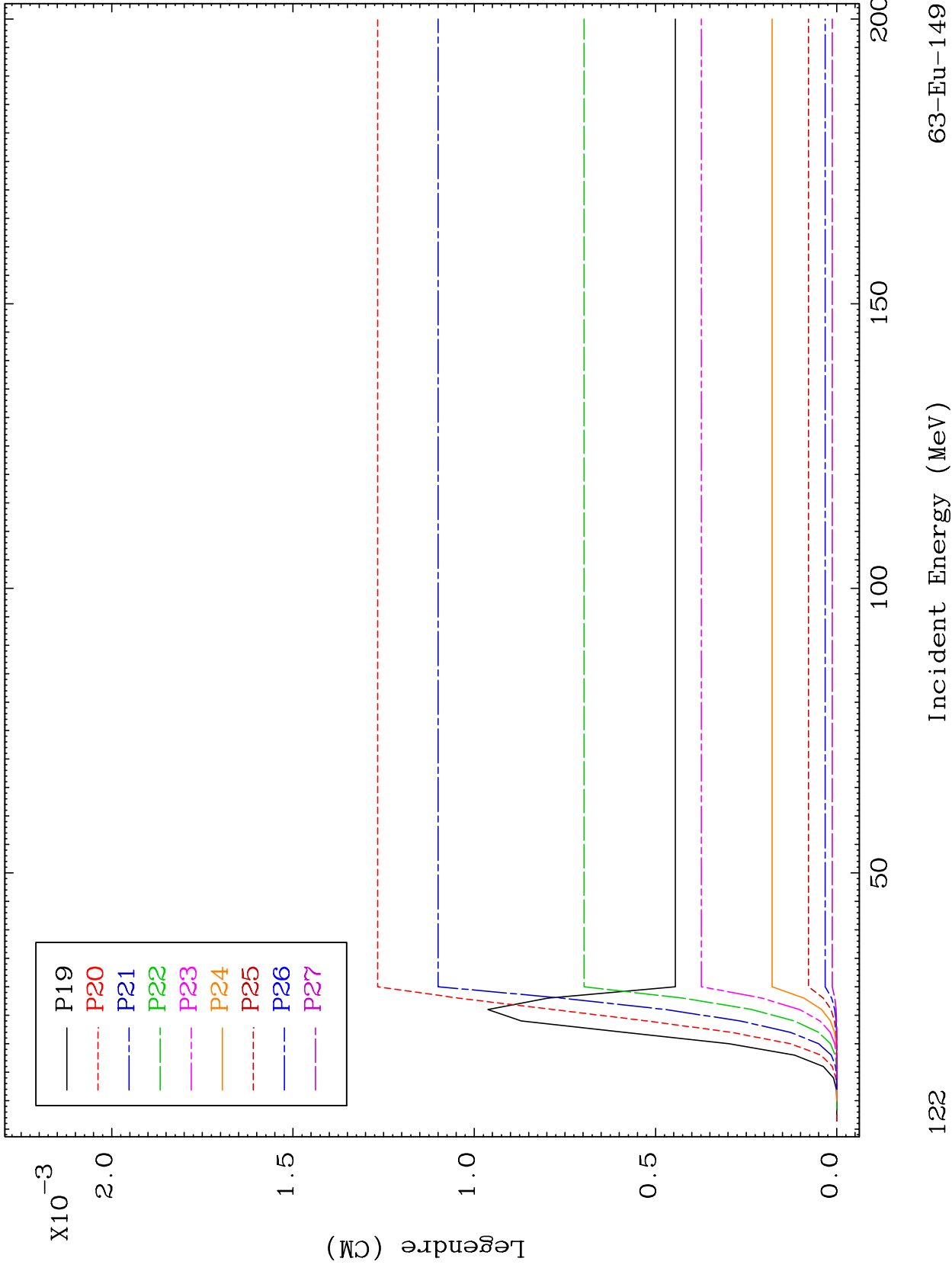
Incident Energy (MeV)

121

MAT 6319

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

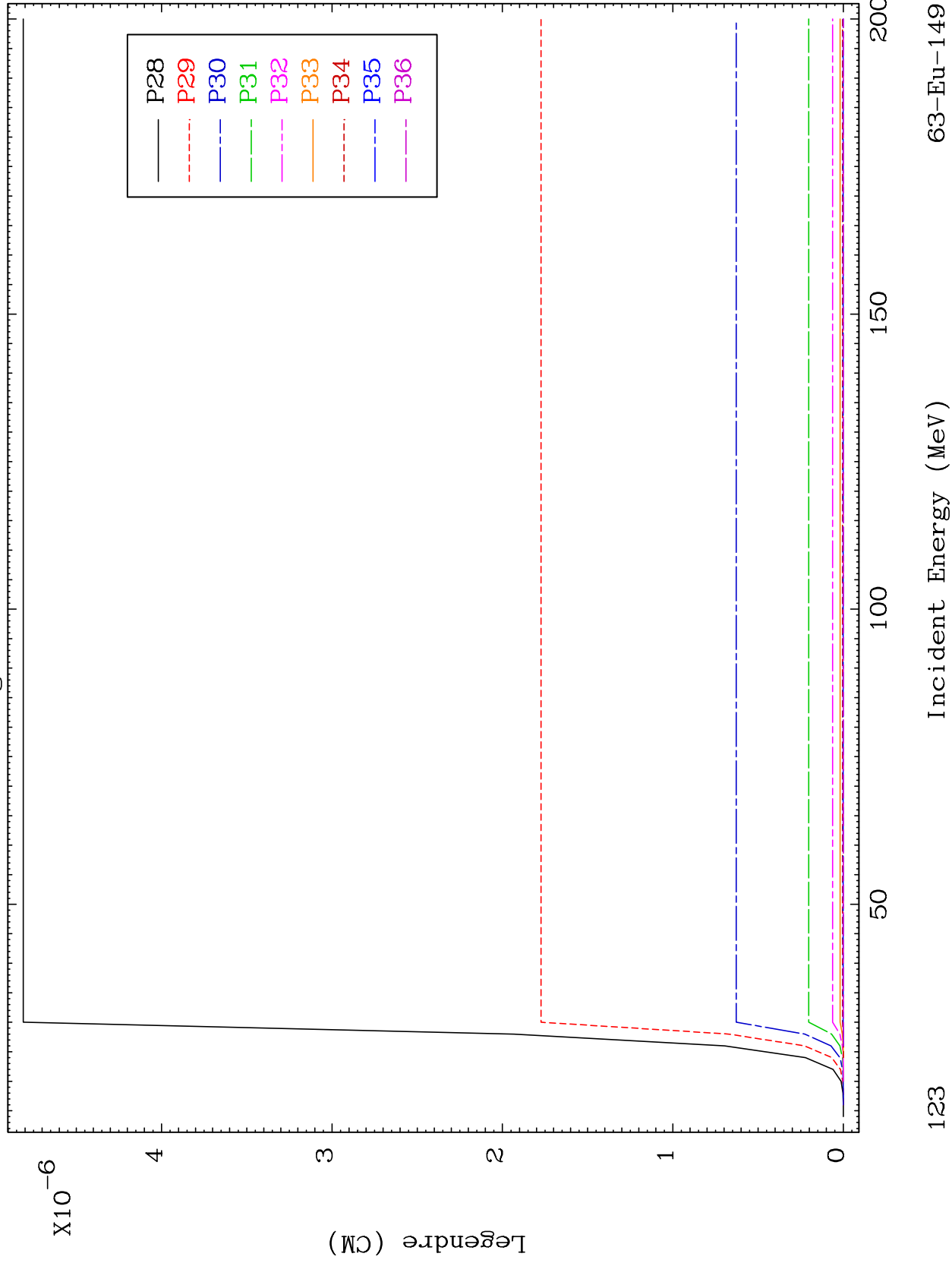
63-Eu-149



MAT 6319

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

63-Eu-149

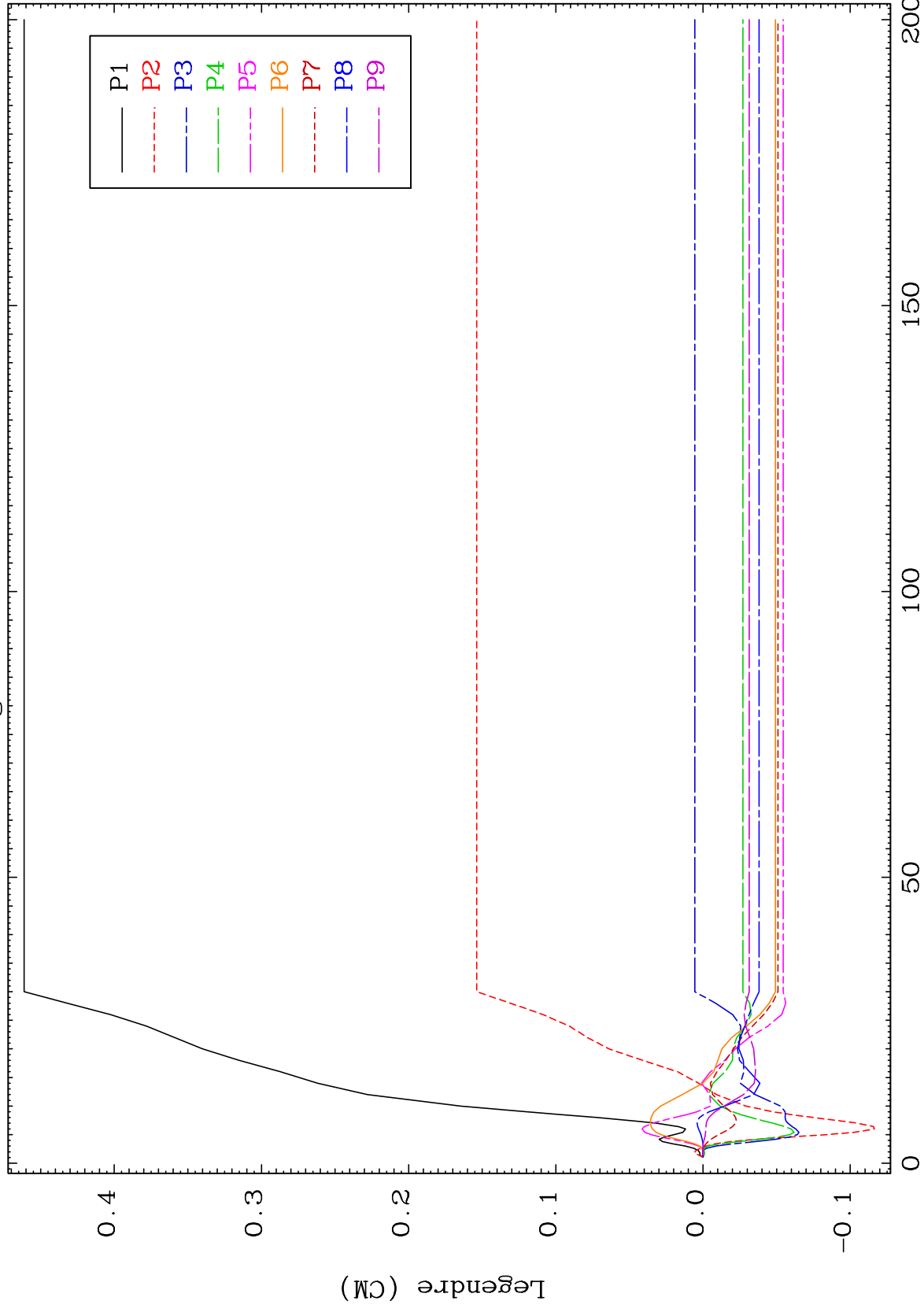


123

MAT 6319

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

63-Eu-149



124

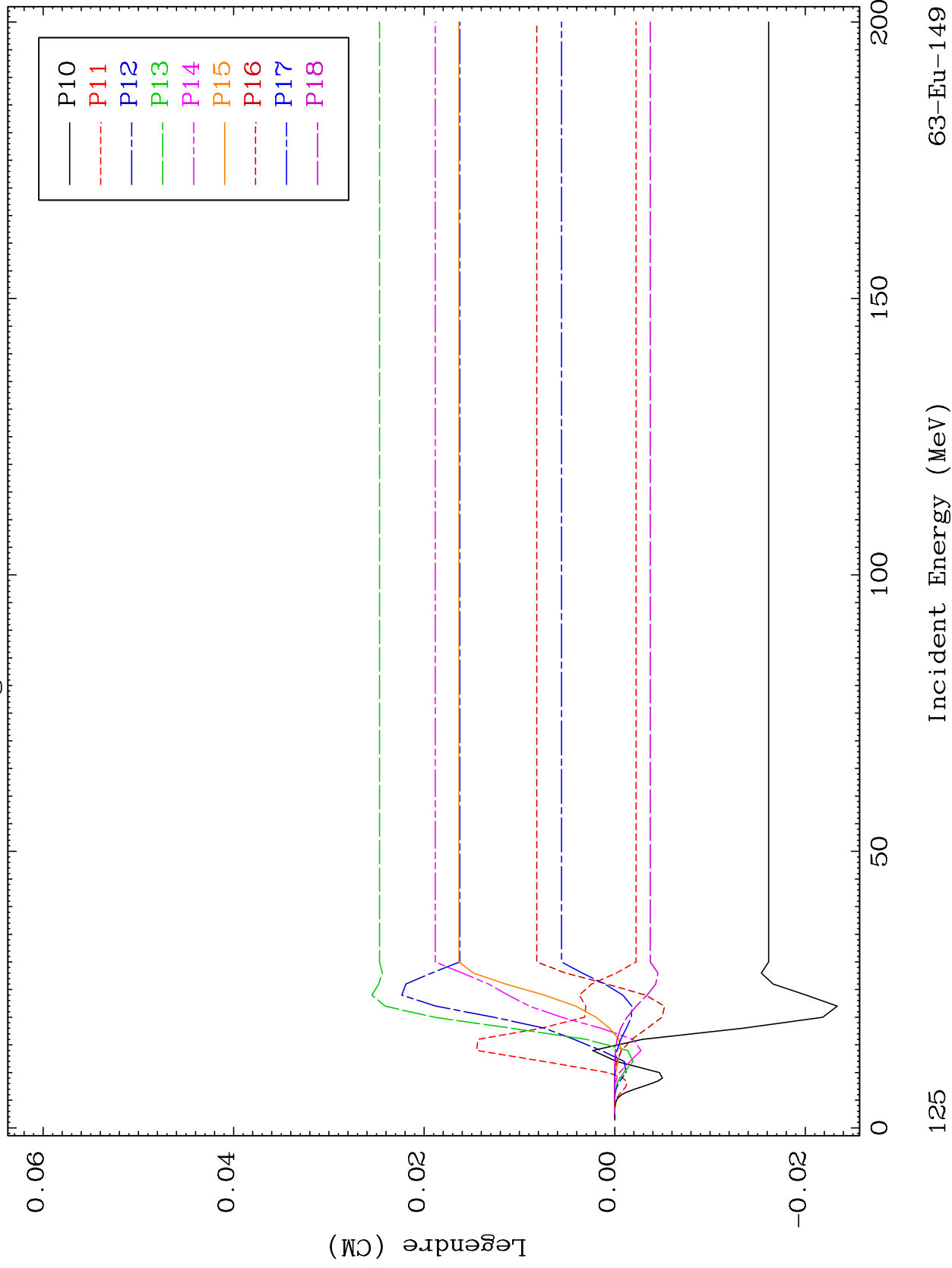
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

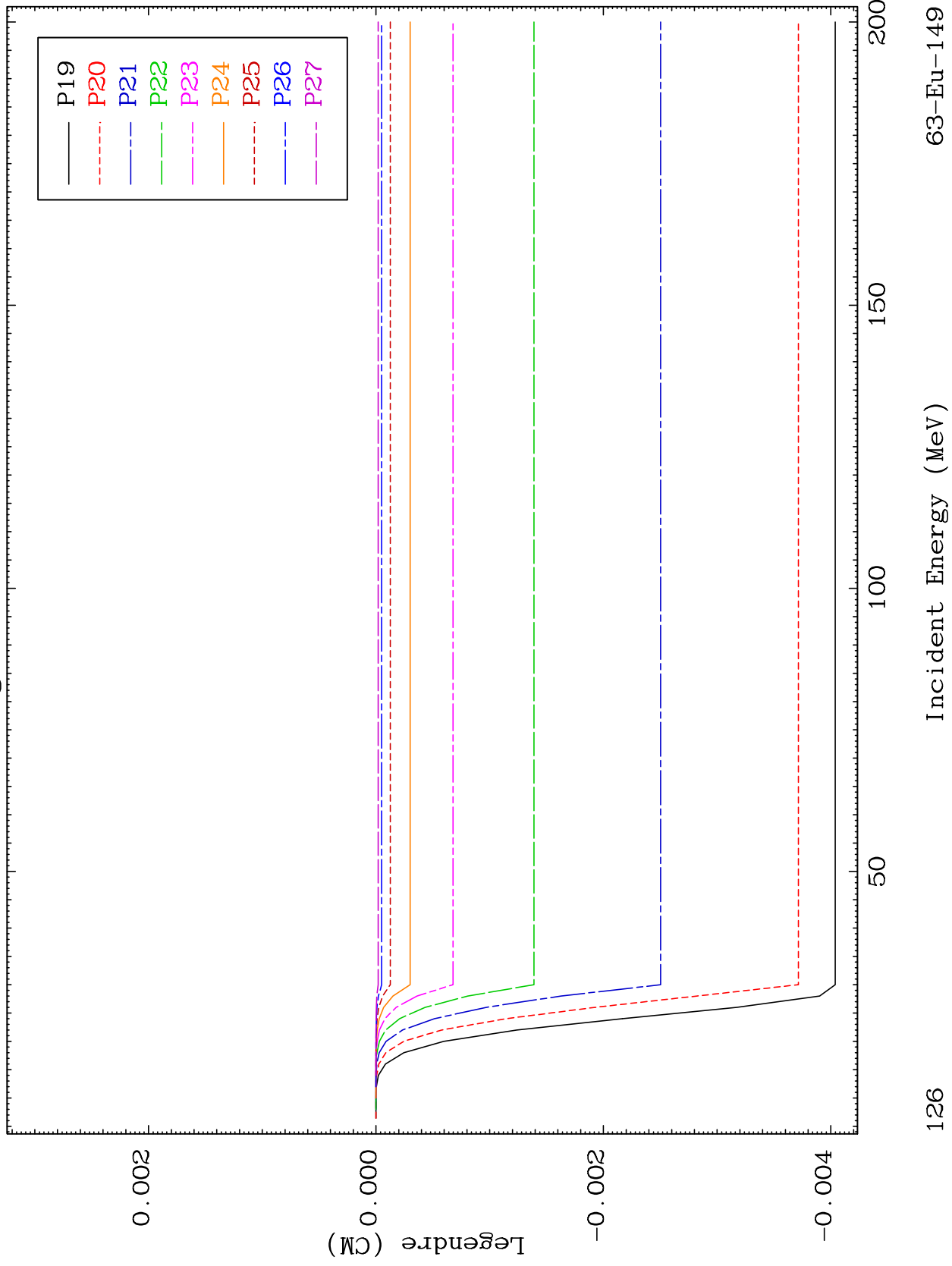
Incident Energy (MeV)

125

MAT 6319

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

63-Eu-149



126

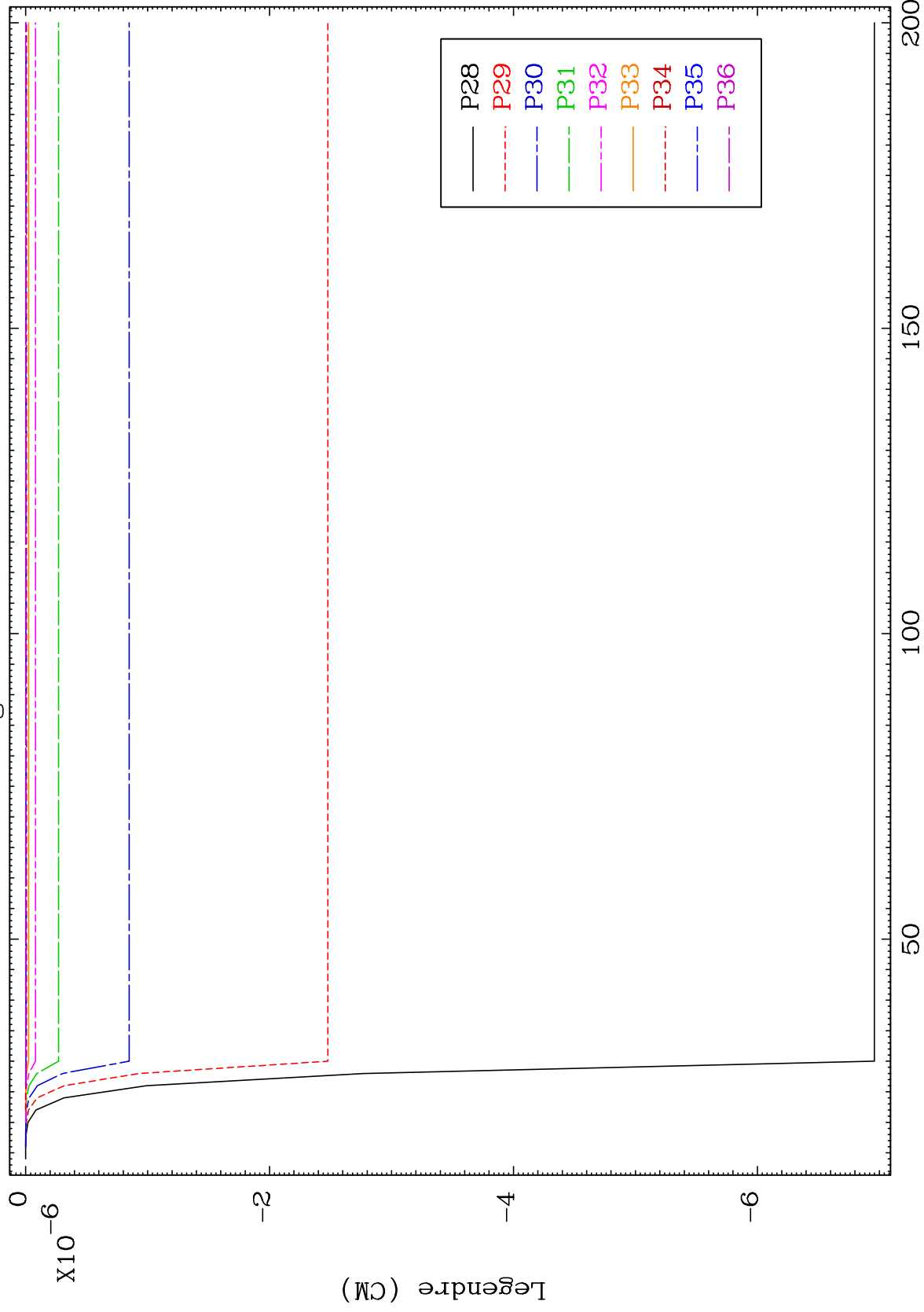
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



127

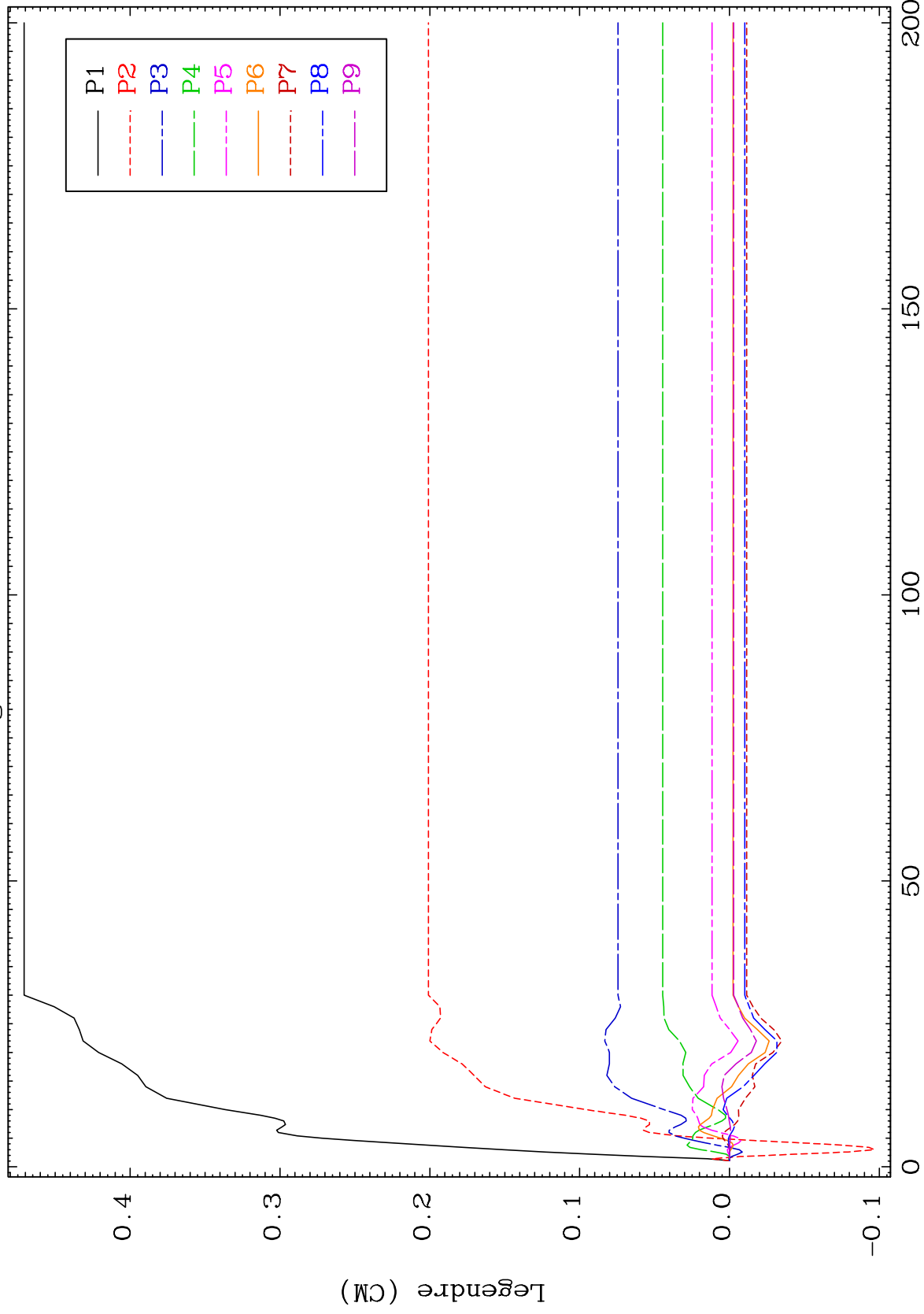
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



128

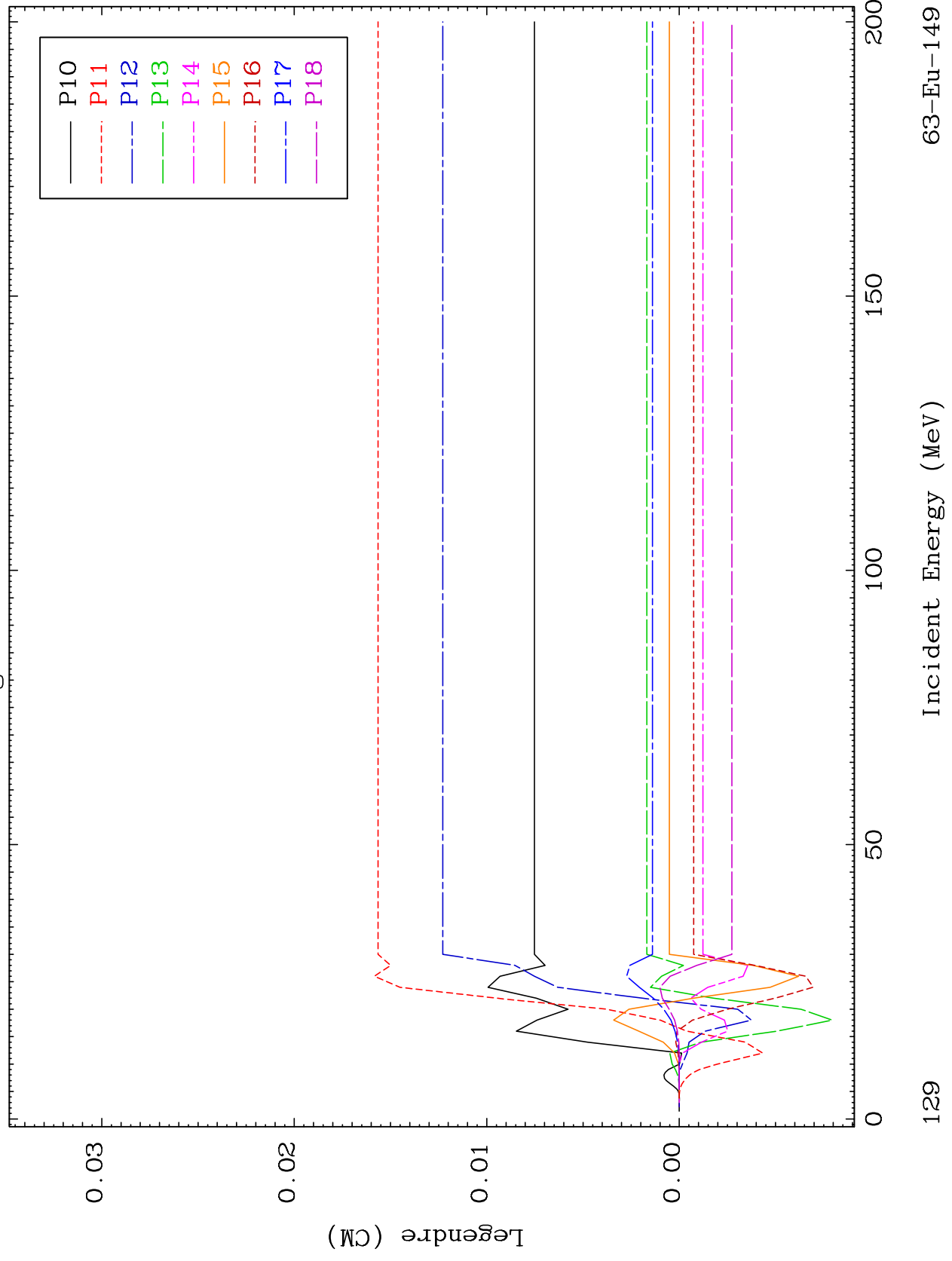
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

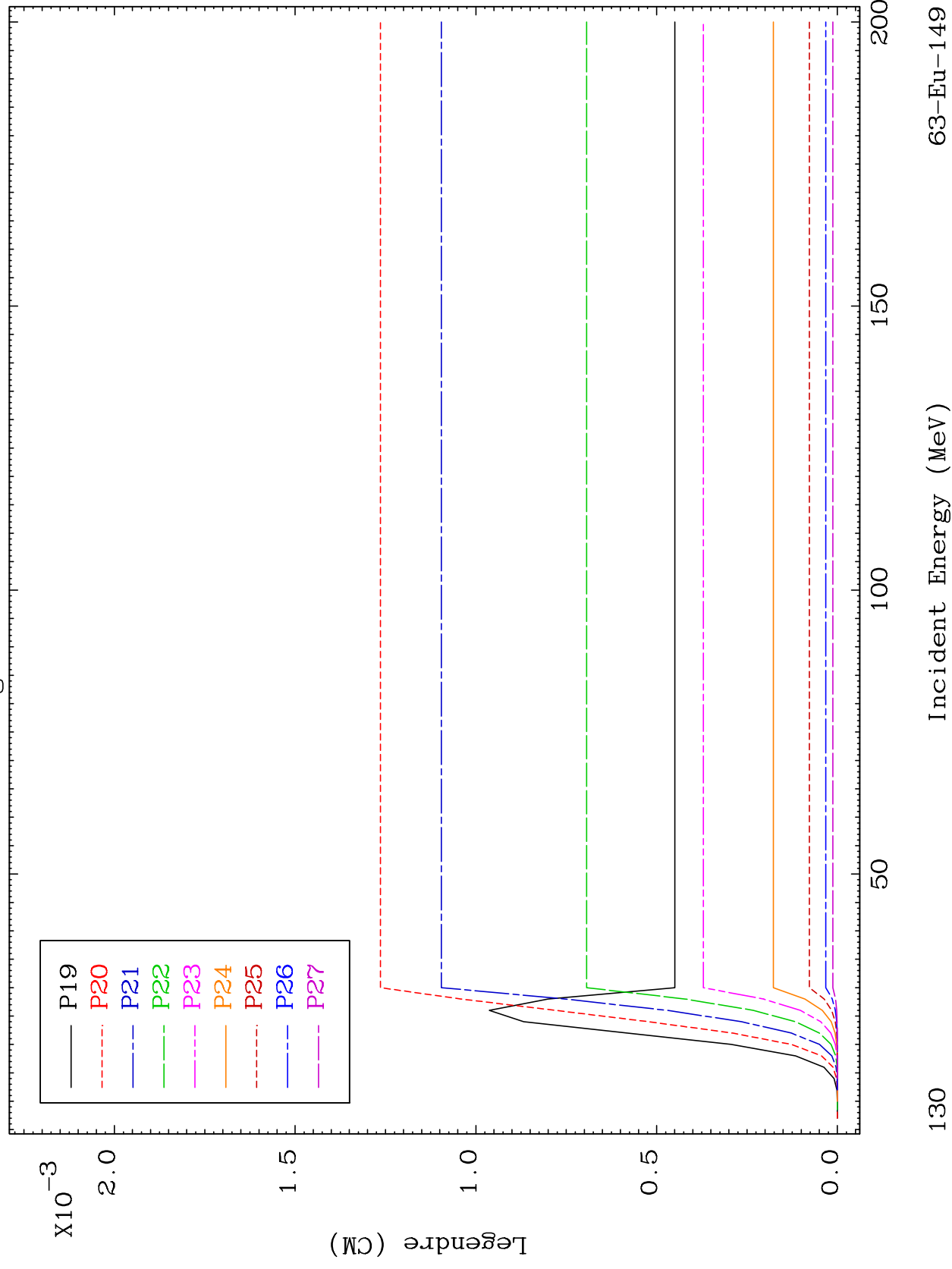
63-Eu-149



MAT 6319

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

63-Eu-149



130

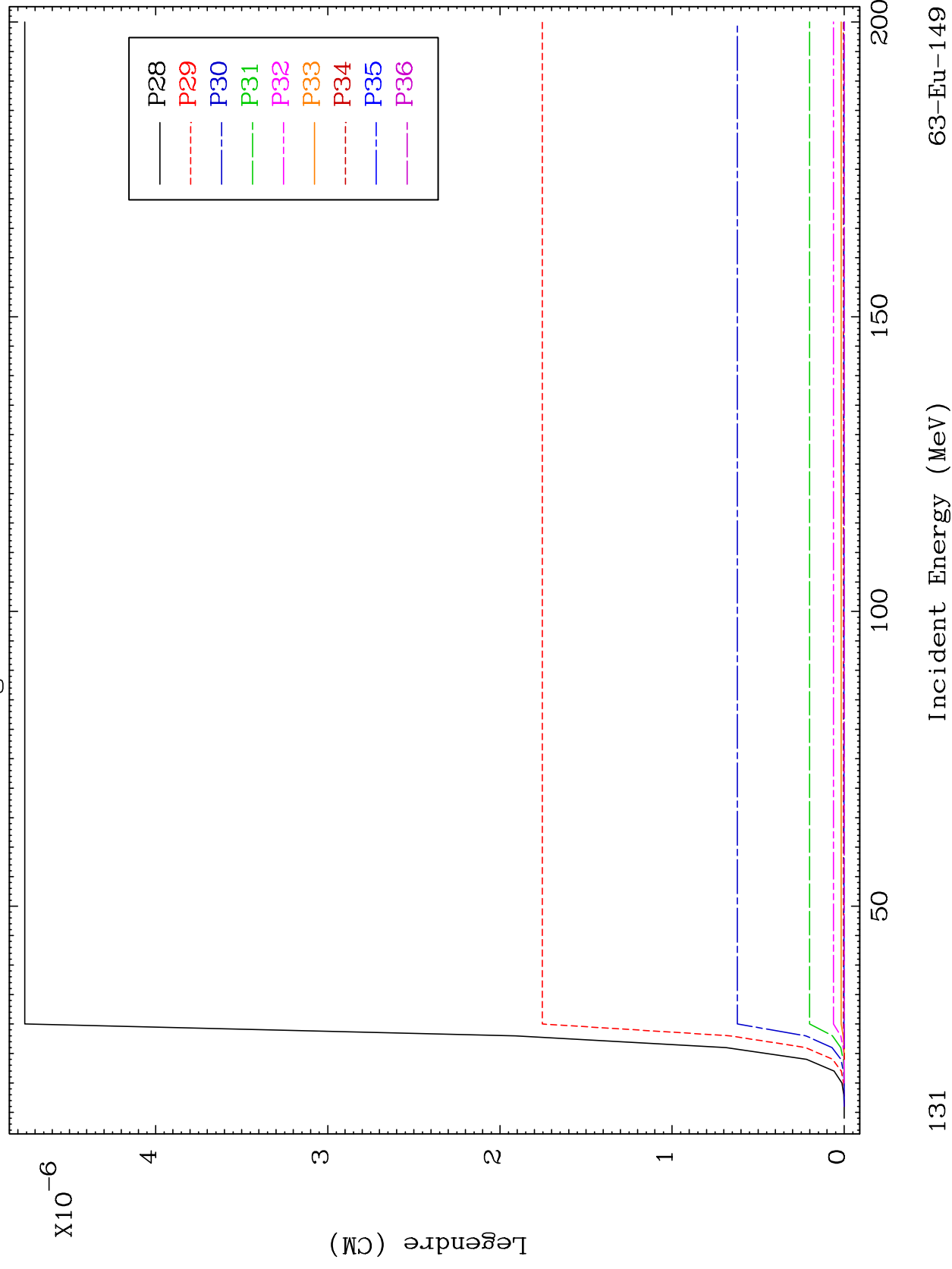
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



131

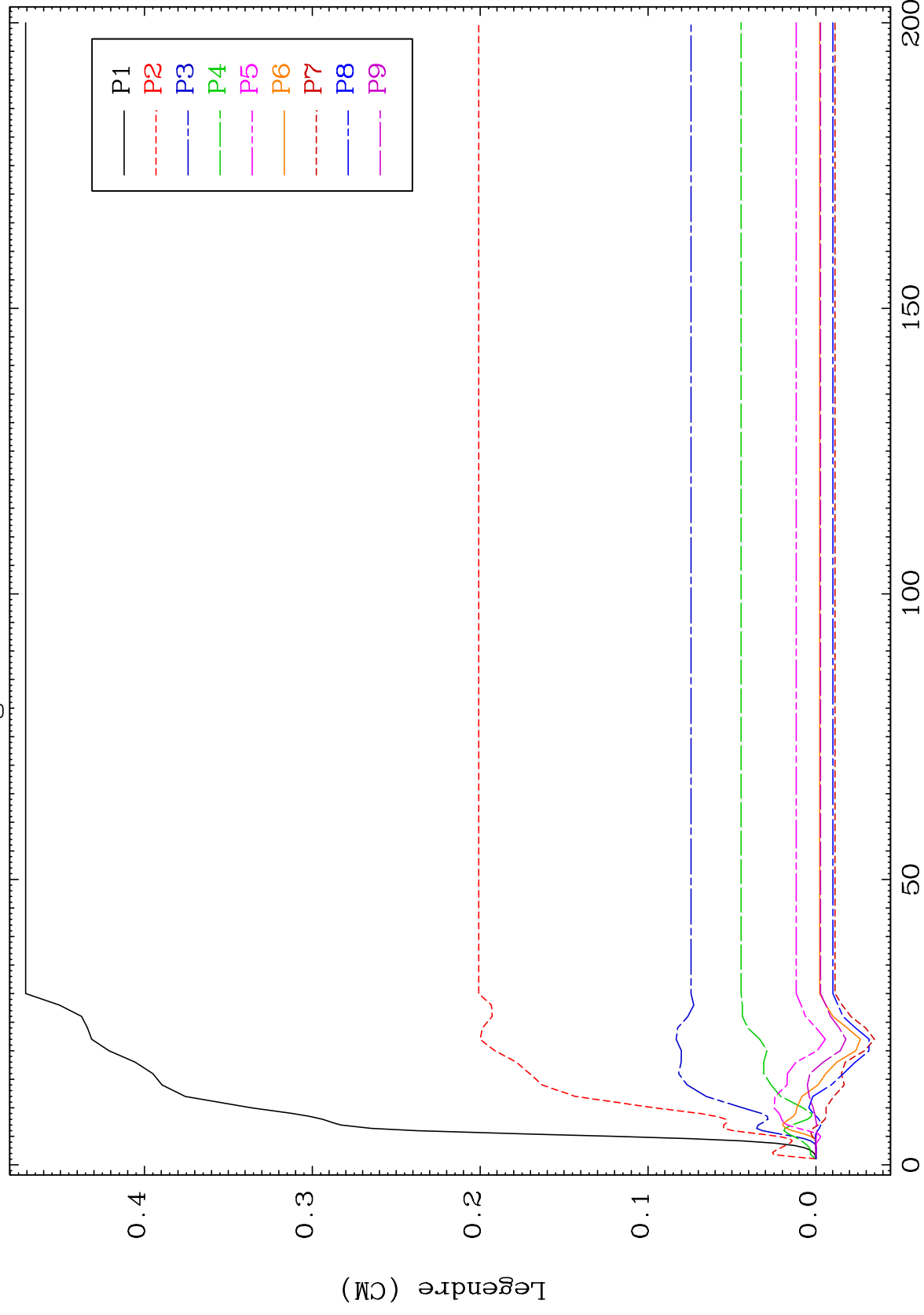
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

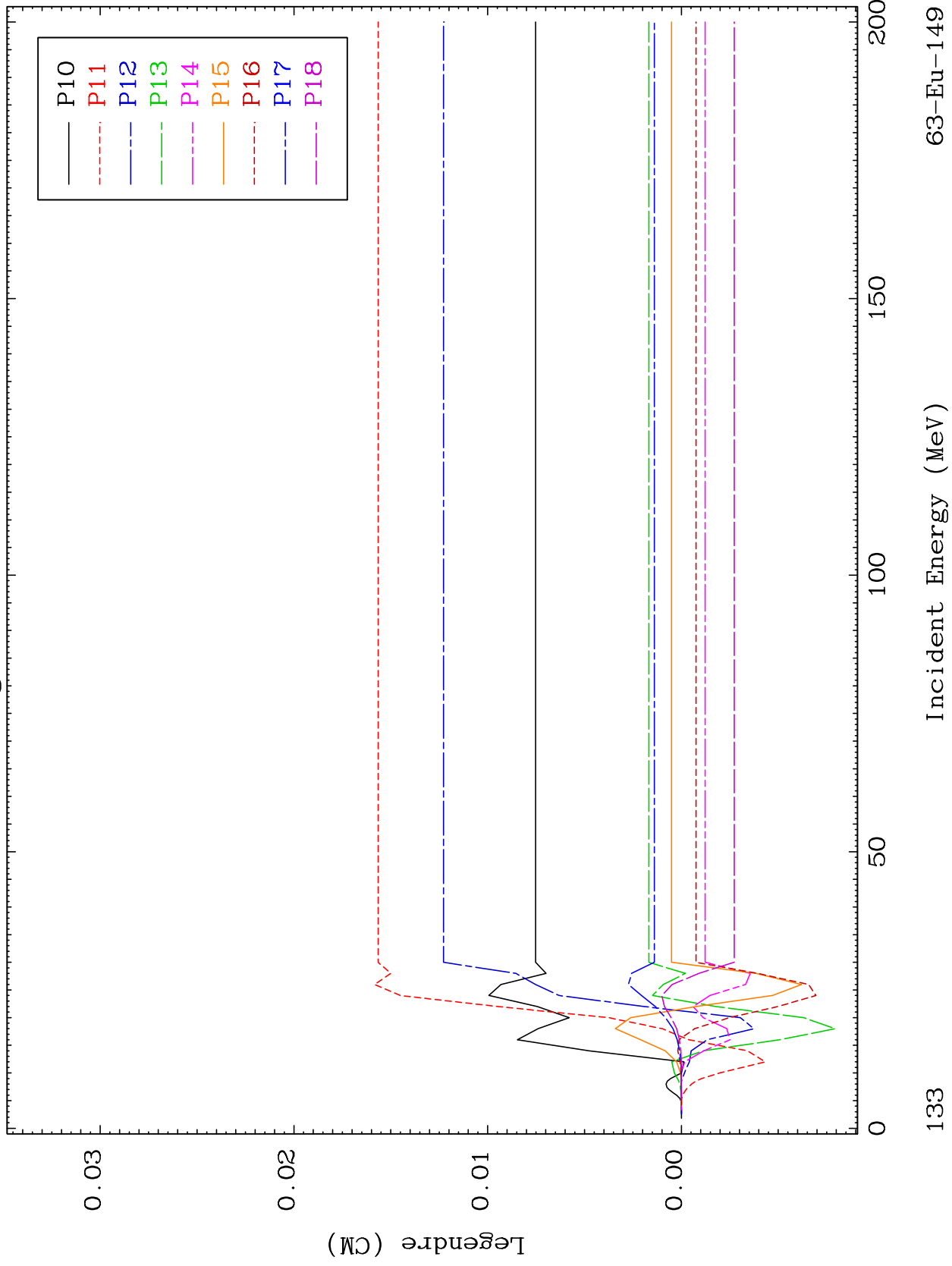
Incident Energy (MeV)

132

MAT 6319

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

63-Eu-149



133

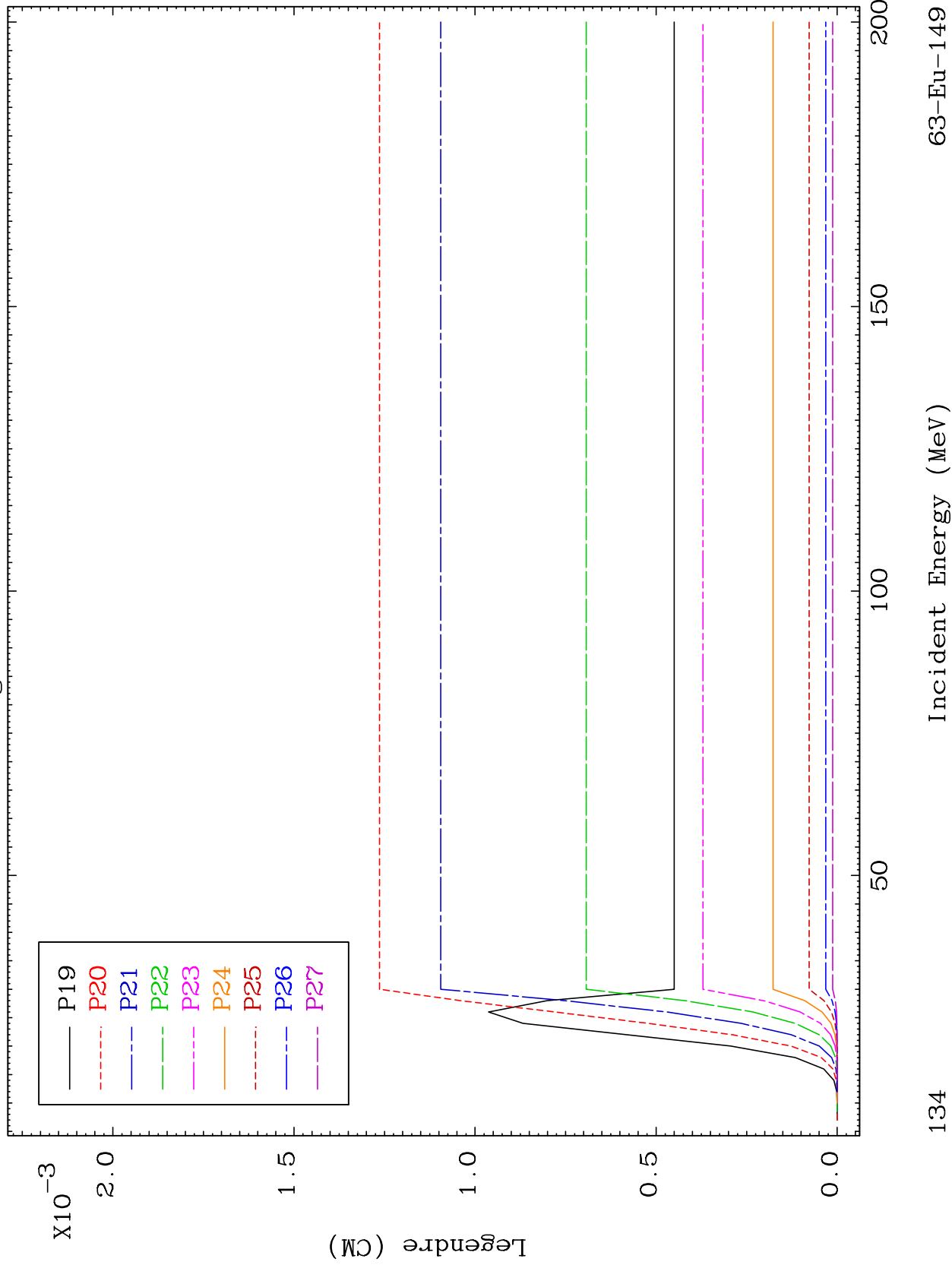
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

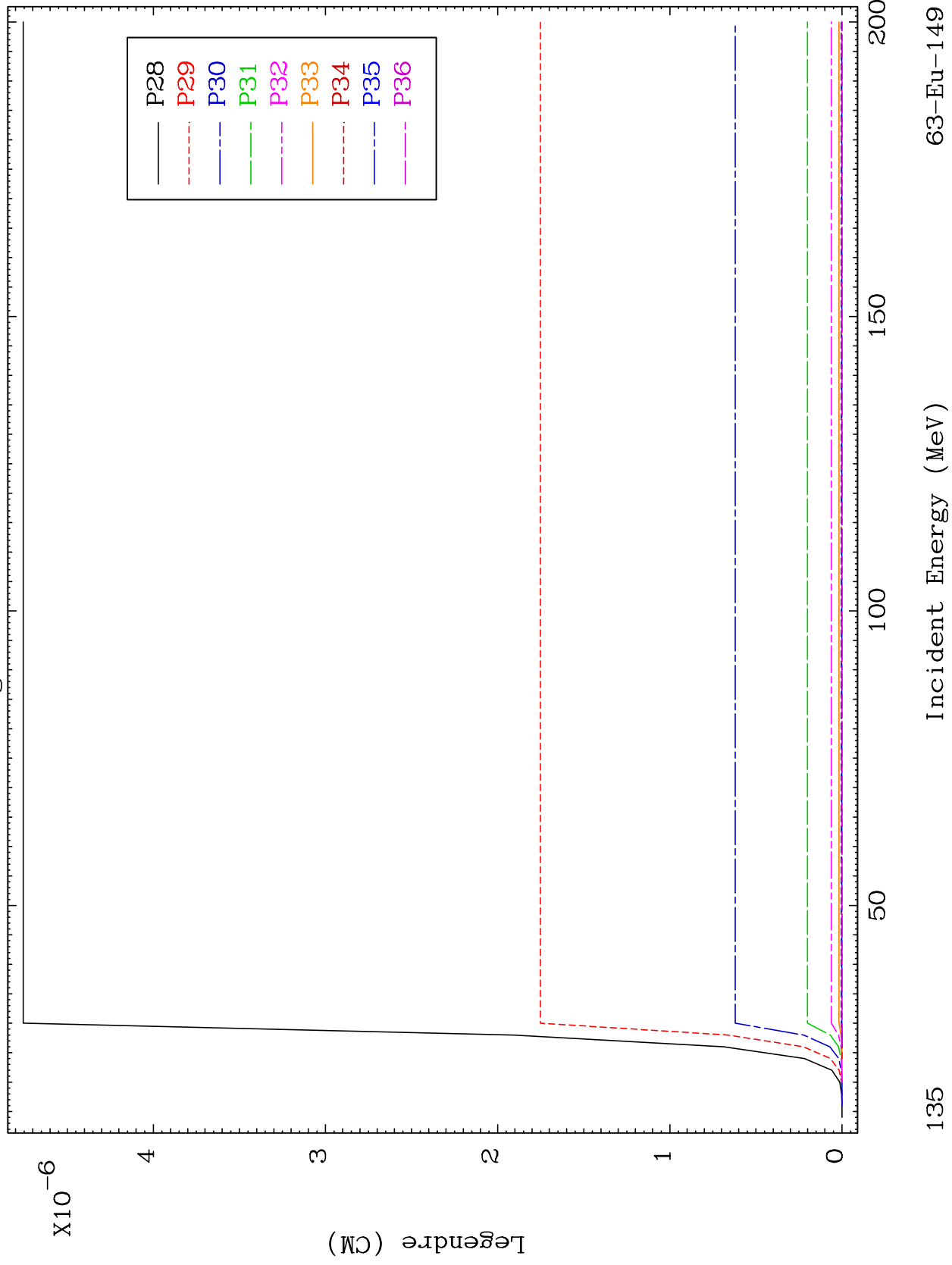
63-Eu-149



MAT 6319

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

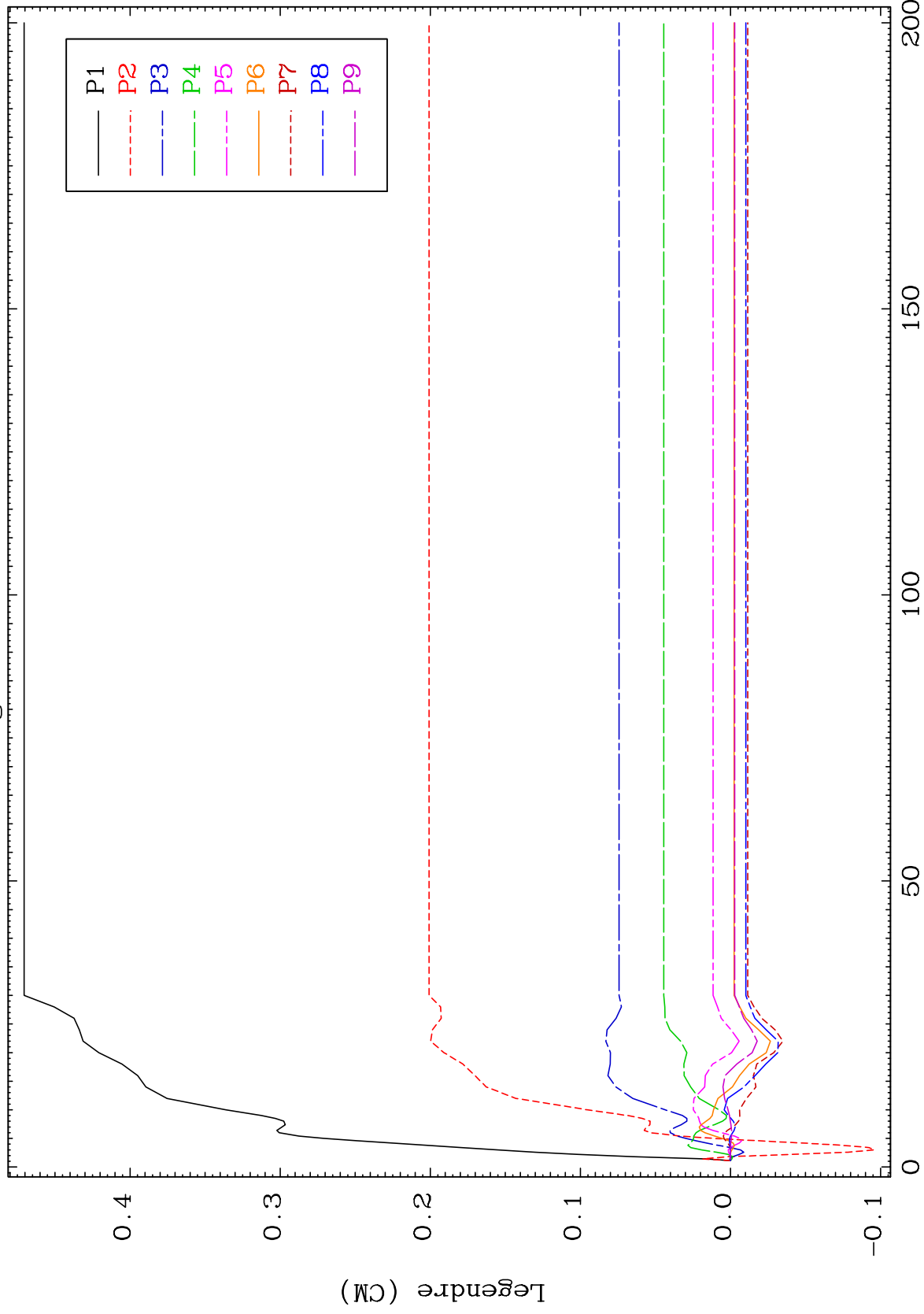
63-Eu-149



MAT 6319

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

63-Eu-149



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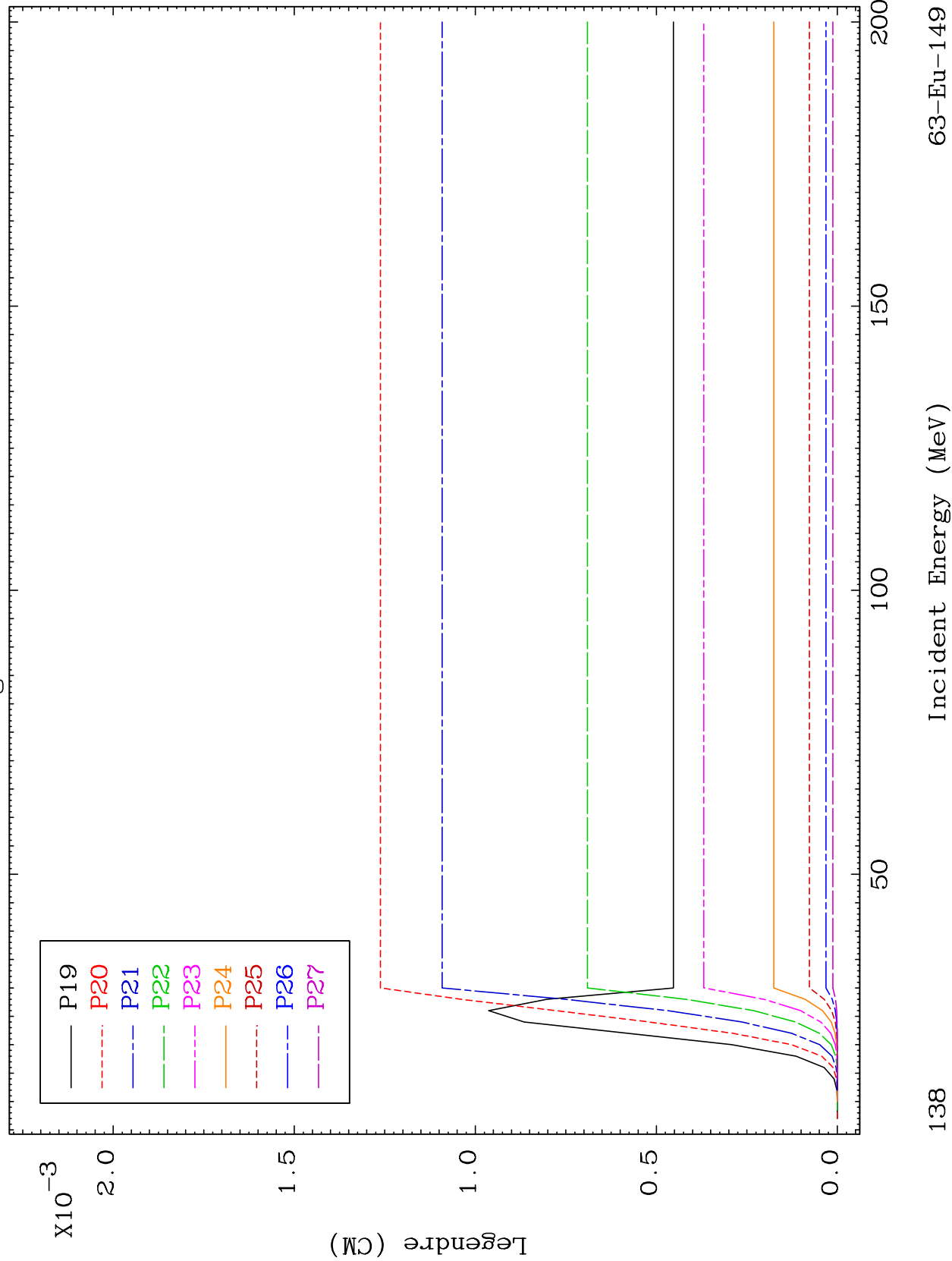
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



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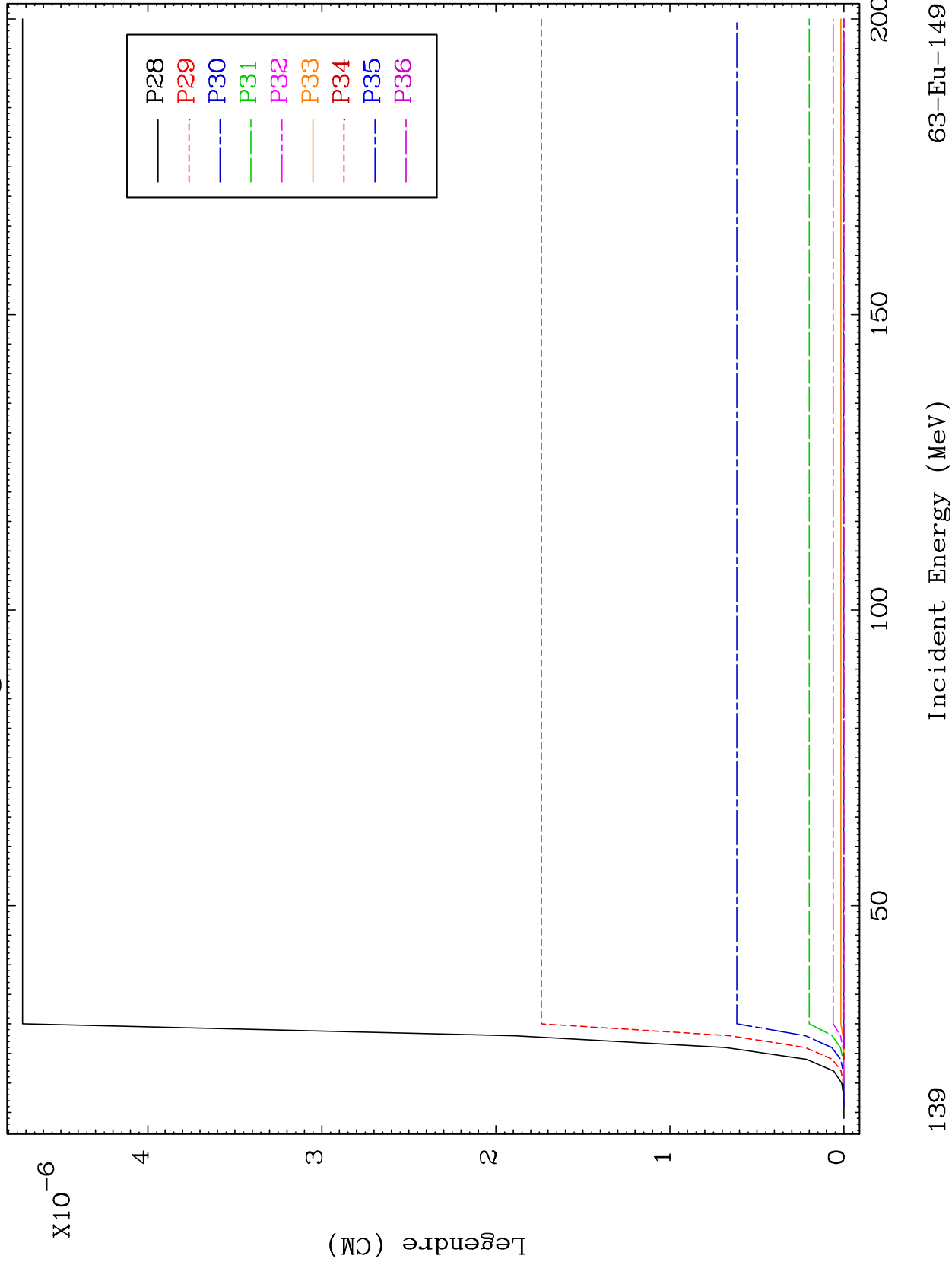
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



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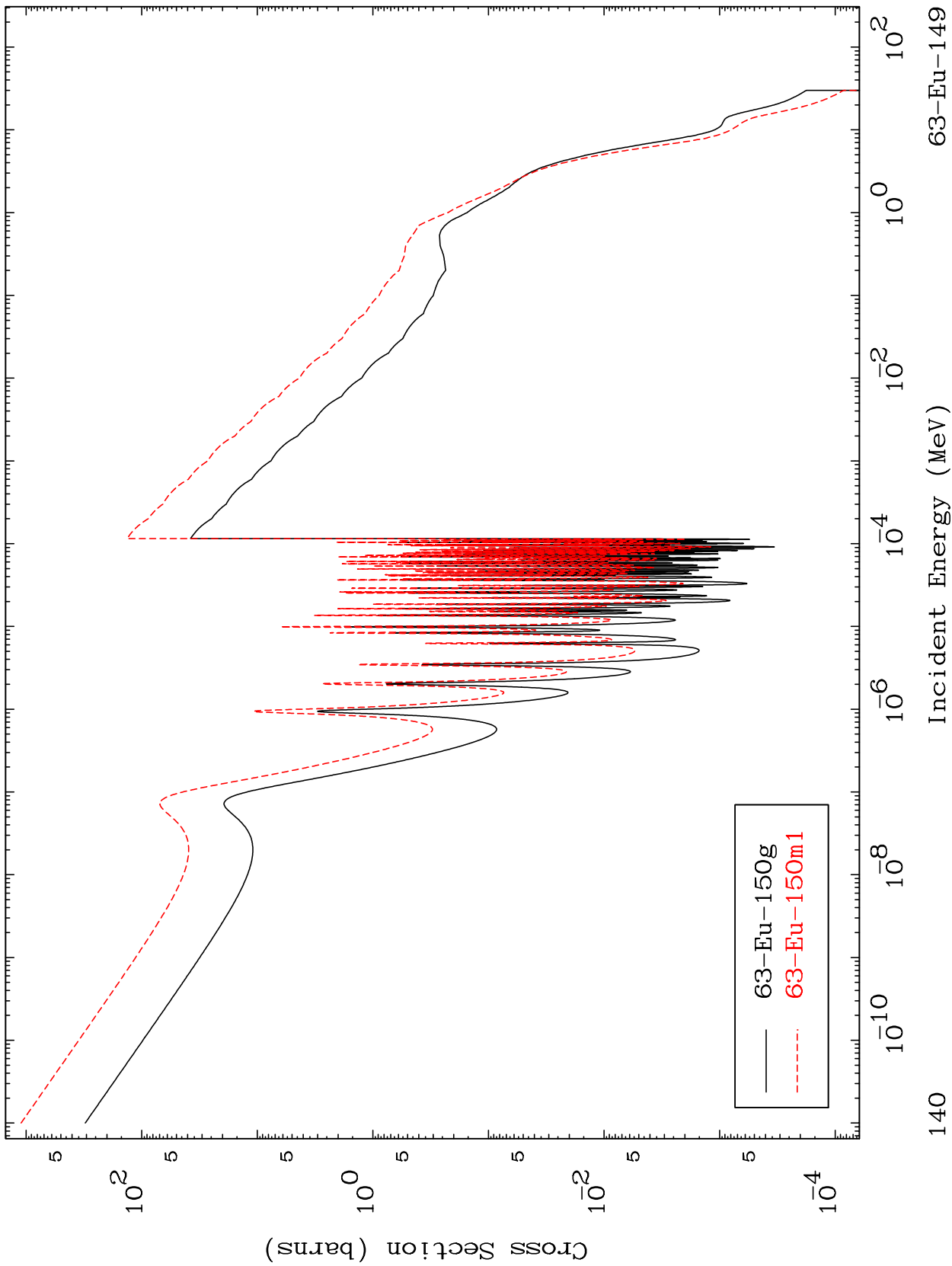
Incident Energy (MeV)

63-Eu-149

MAT 6319

63-Eu-149

(n,γ)
Radionuclide Production Cross Section

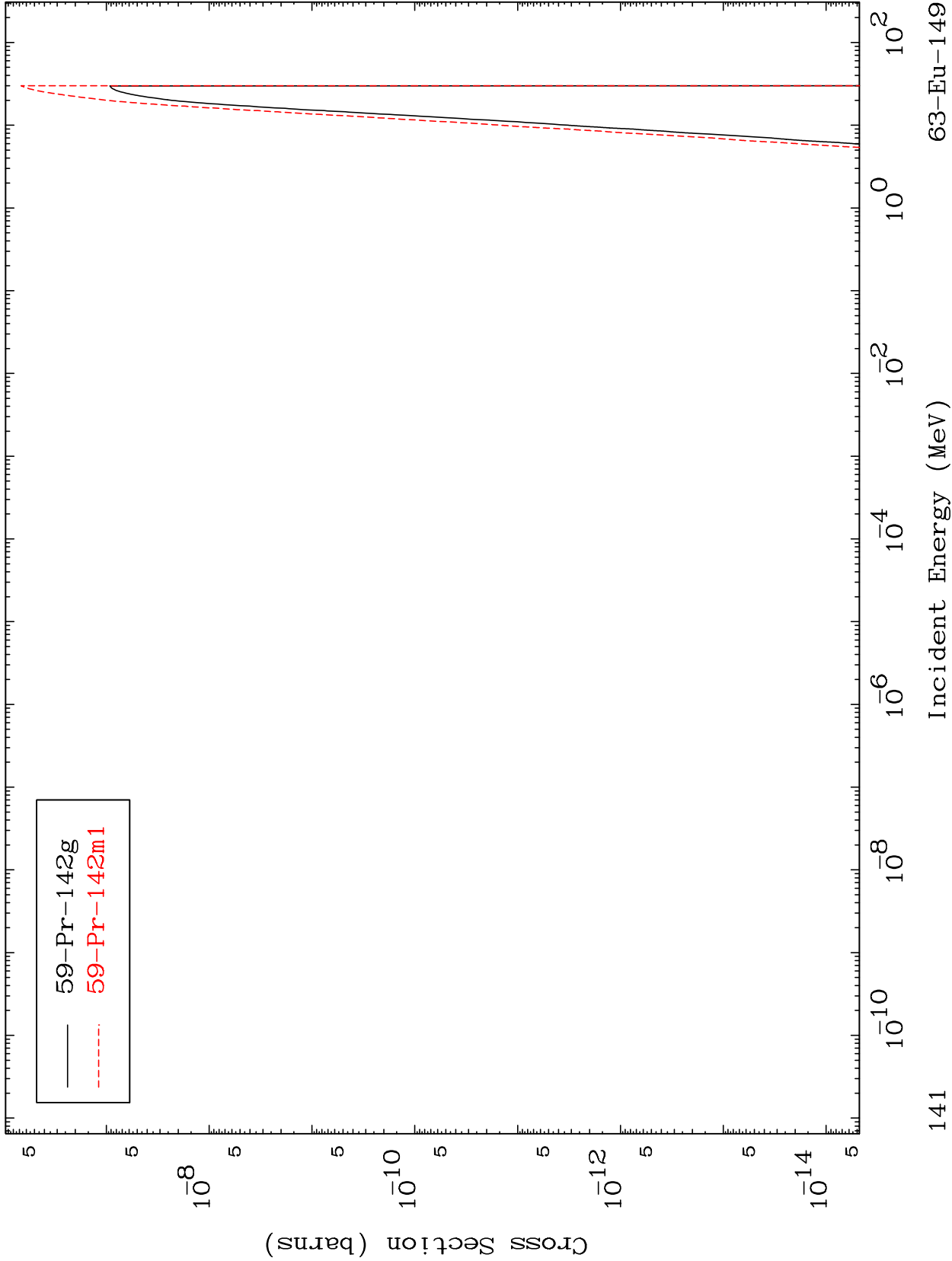


MAT 6319

(n,2α)

63-Eu-149

Radionuclide Production Cross Section



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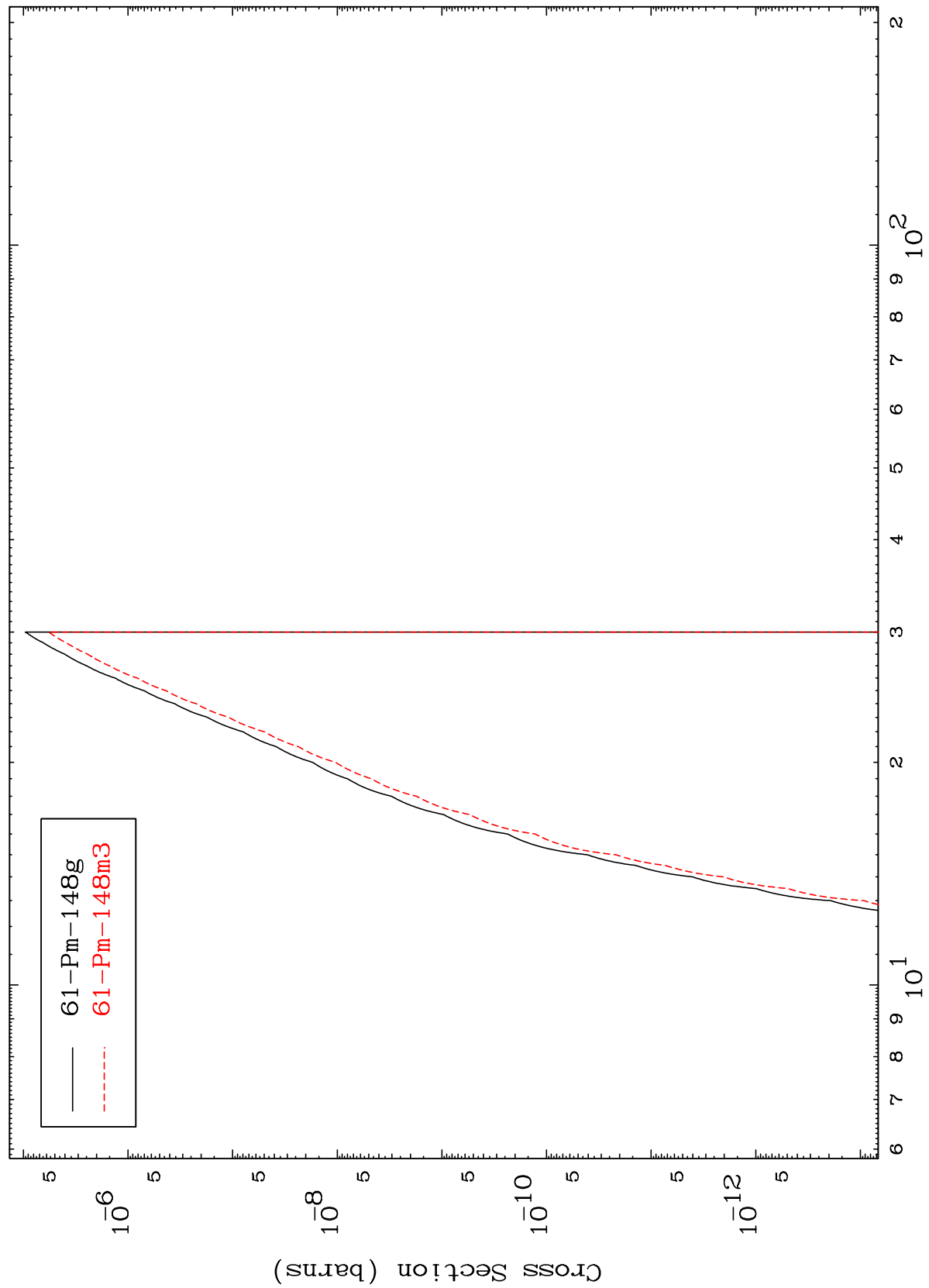
Incident Energy (MeV)

63-Eu-149

MAT 6319

63-Eu-149

(n,2p)
Radionuclide Production Cross Section



— 61-Pm-148g
- - - 61-Pm-148m3

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Incident Energy (MeV)

63-Eu-149