

Program EVALPLOT  
(Version 2018-1)

by

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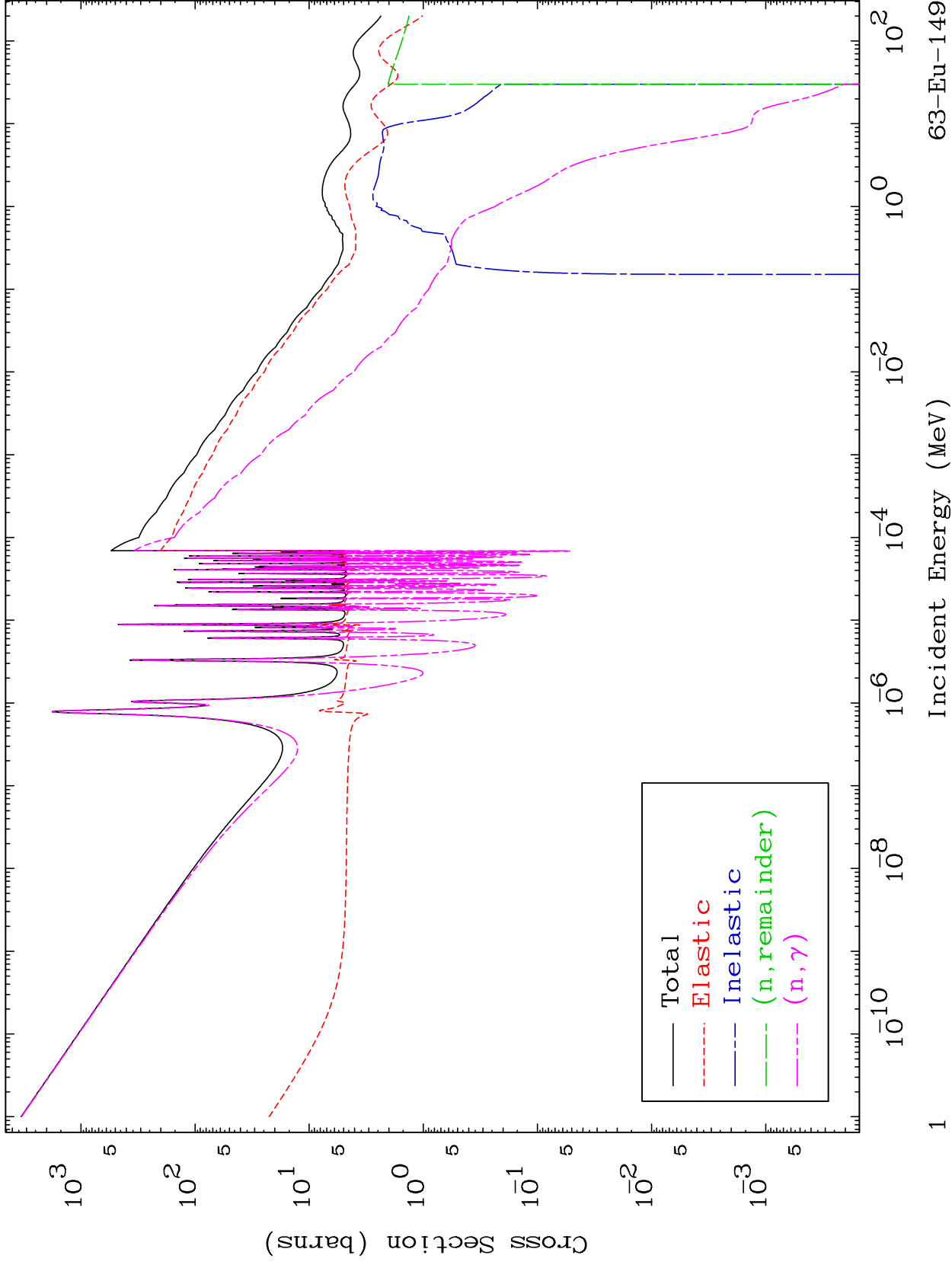
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Press Mouse Button to Start

MAT 6319

Major  
293 Kelvin Cross Sections

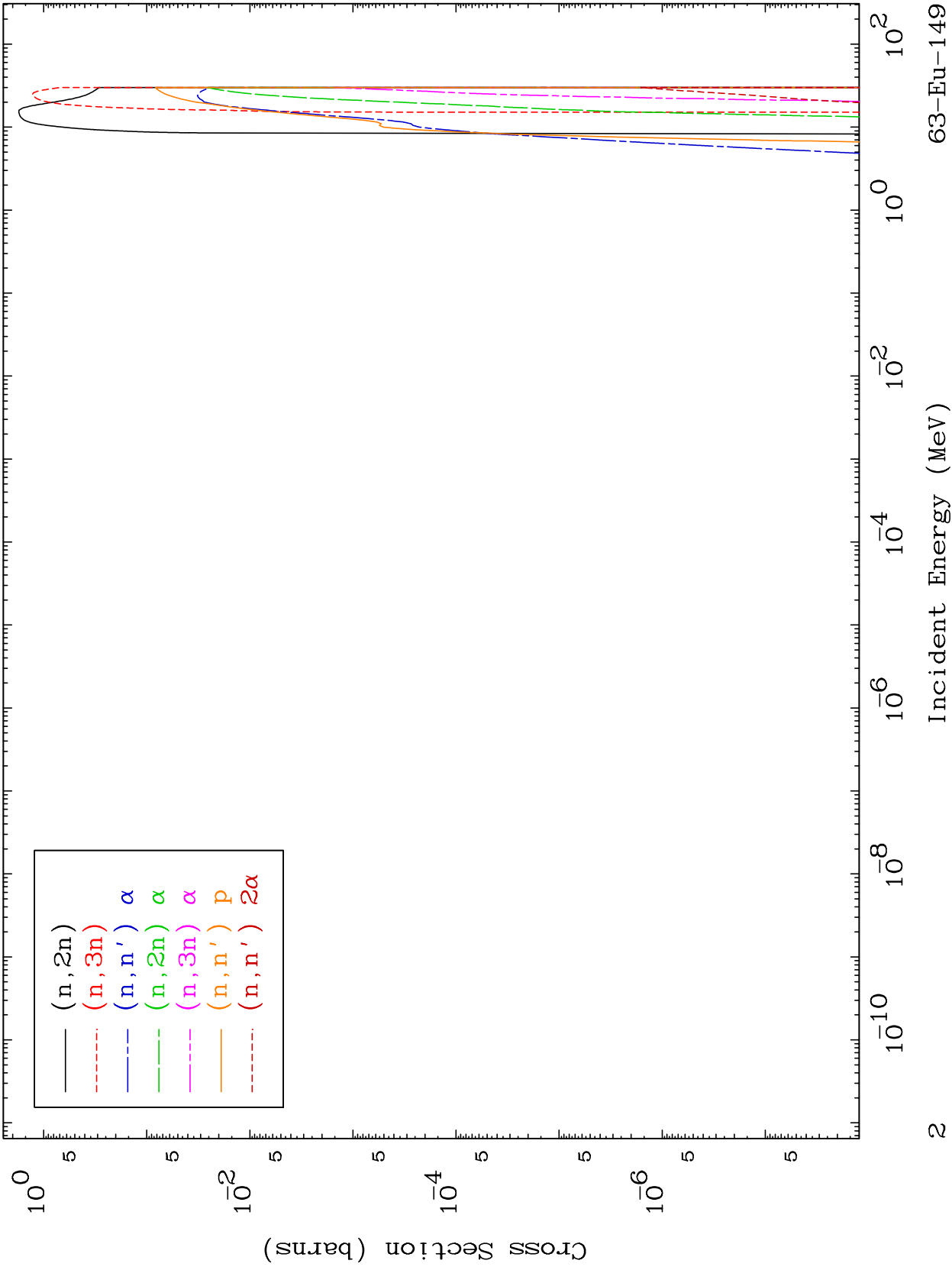
63-Eu-149

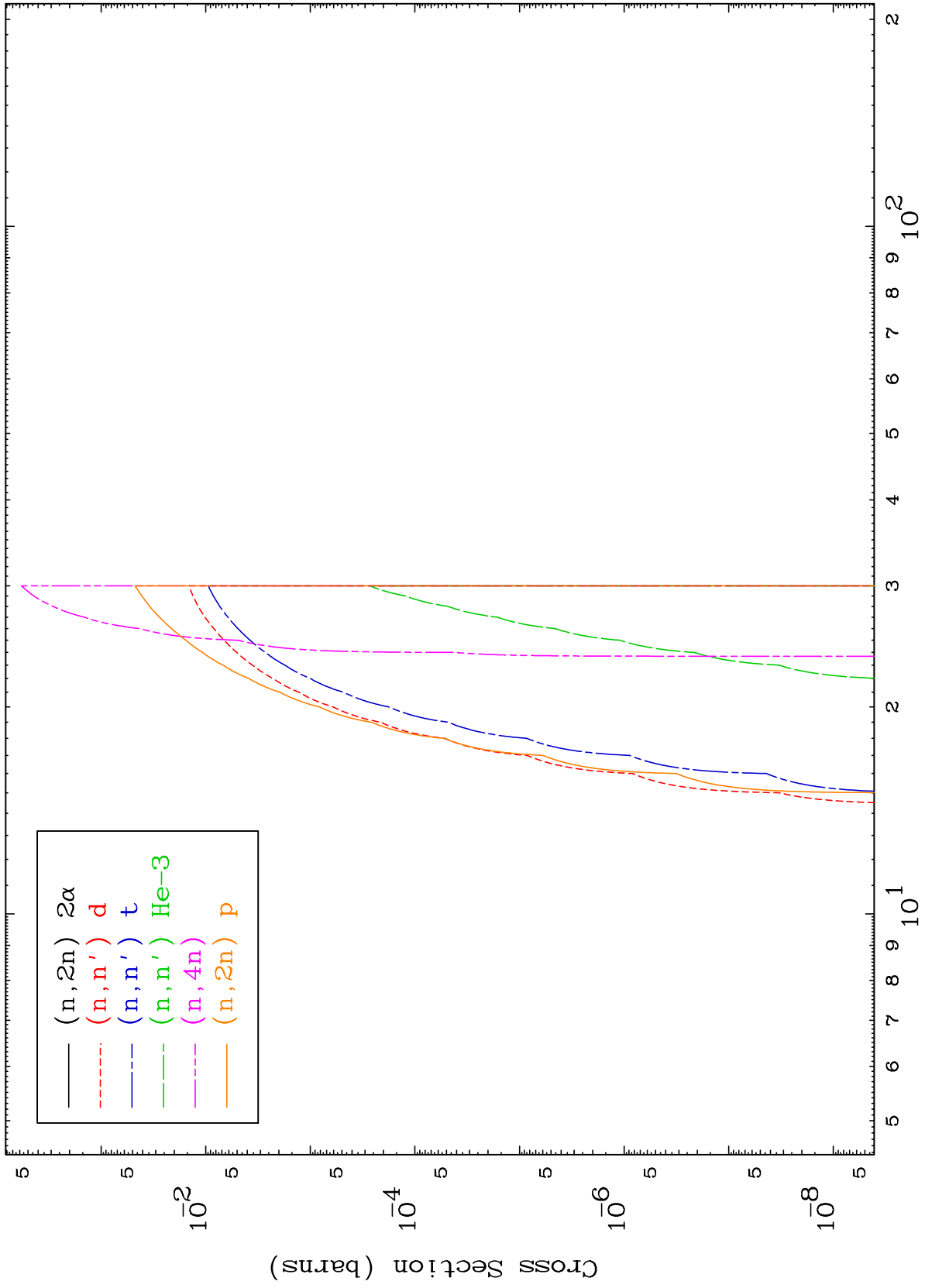


MAT 6319

Neutron Production  
293 Kelvin Cross Sections

63-Eu-149

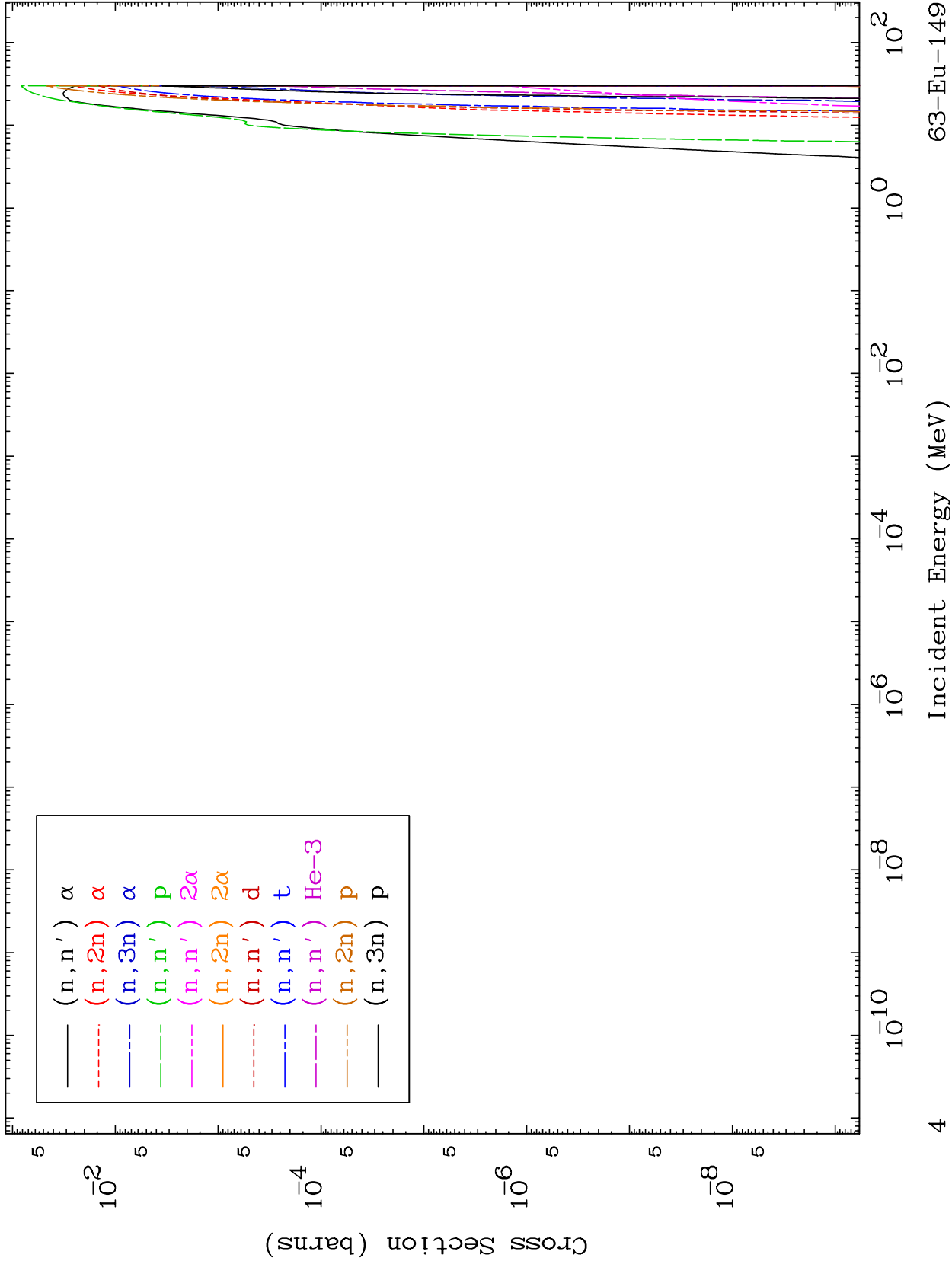




MAT 6319

Charged Particle  
293 Kelvin Cross Sections

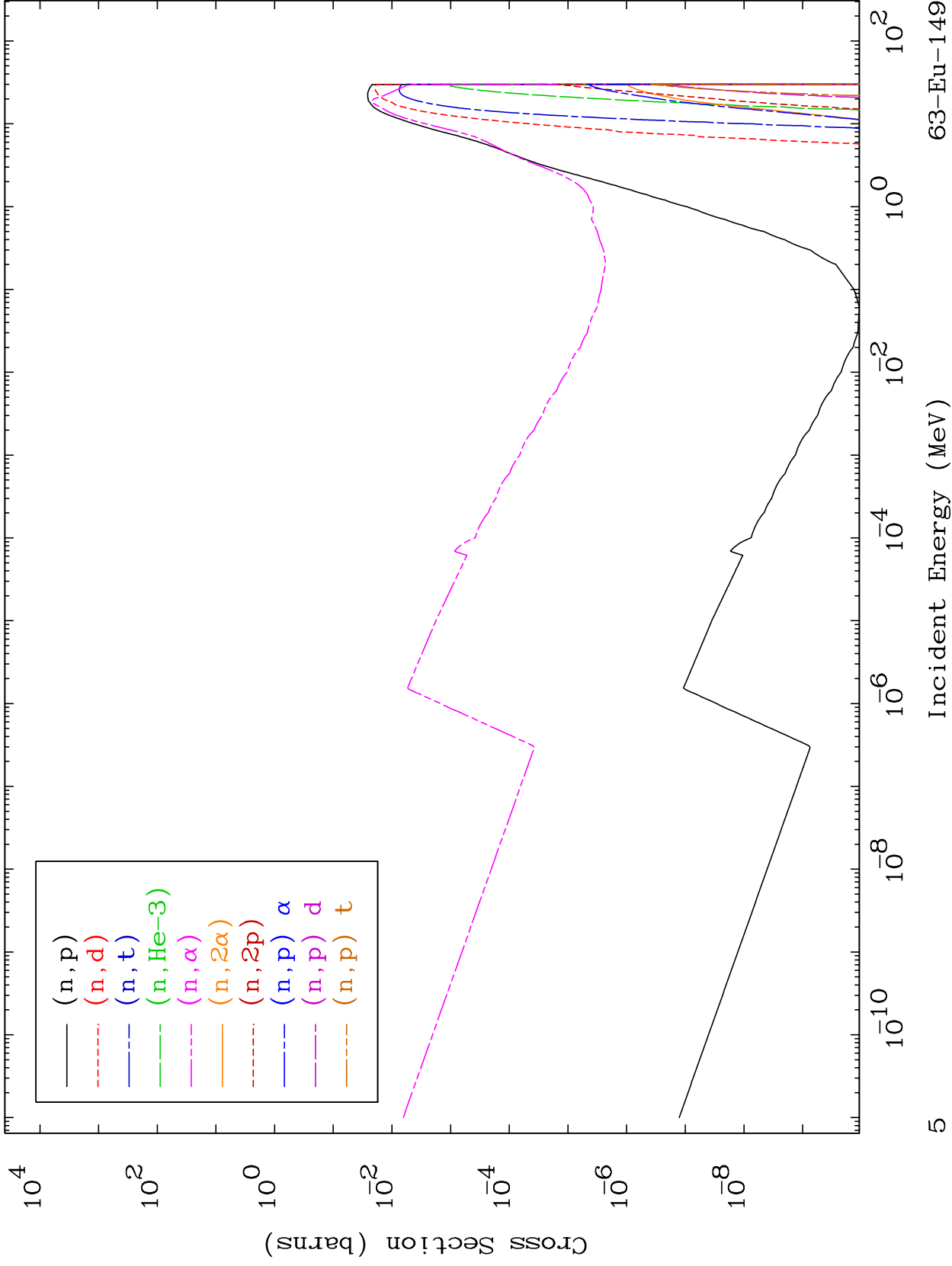
63-Eu-149



MAT 6319

Charged Particle  
293 Kelvin Cross Sections

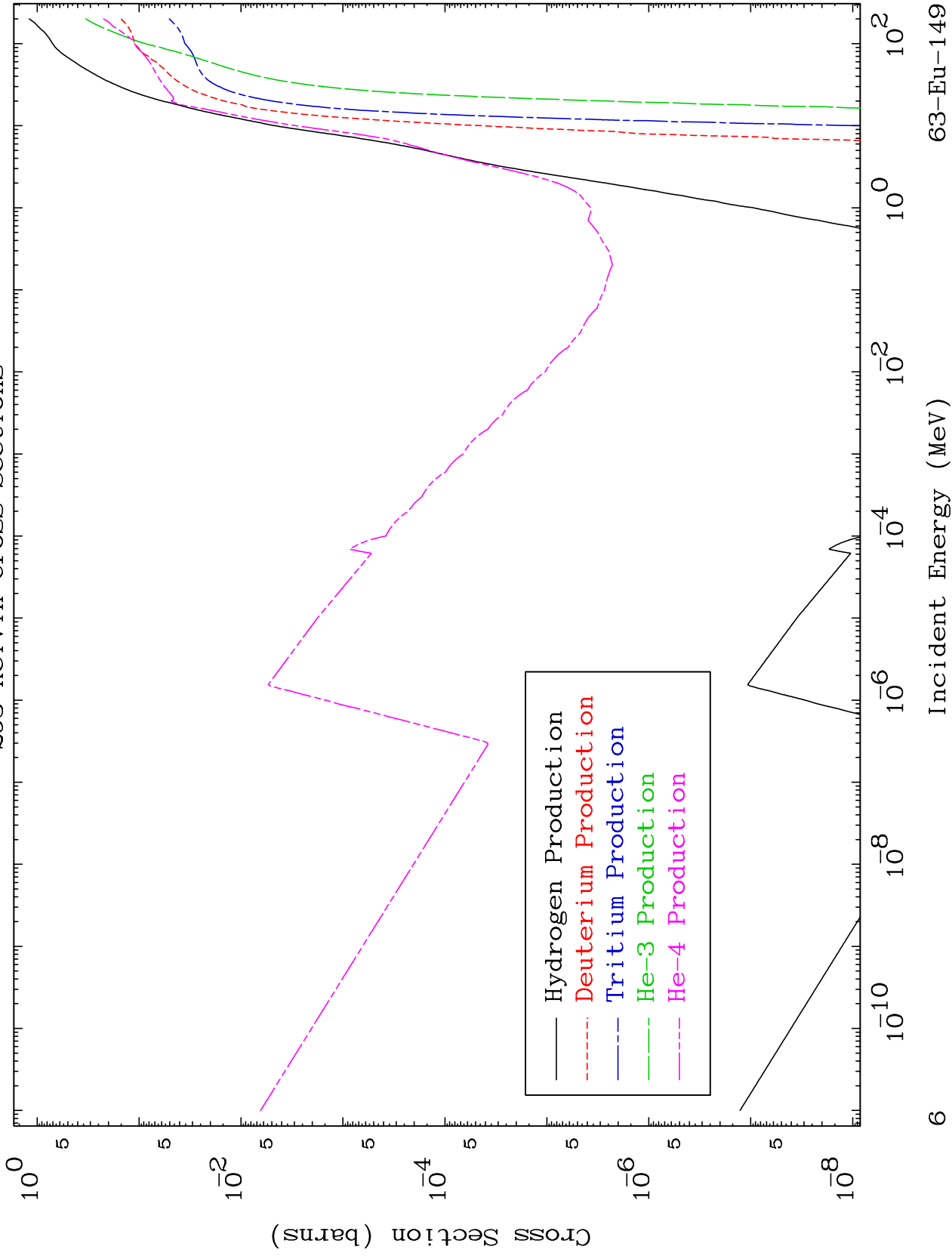
63-Eu-149



MAT 6319

Particle Production  
293 Kelvin Cross Sections

63-Eu-149

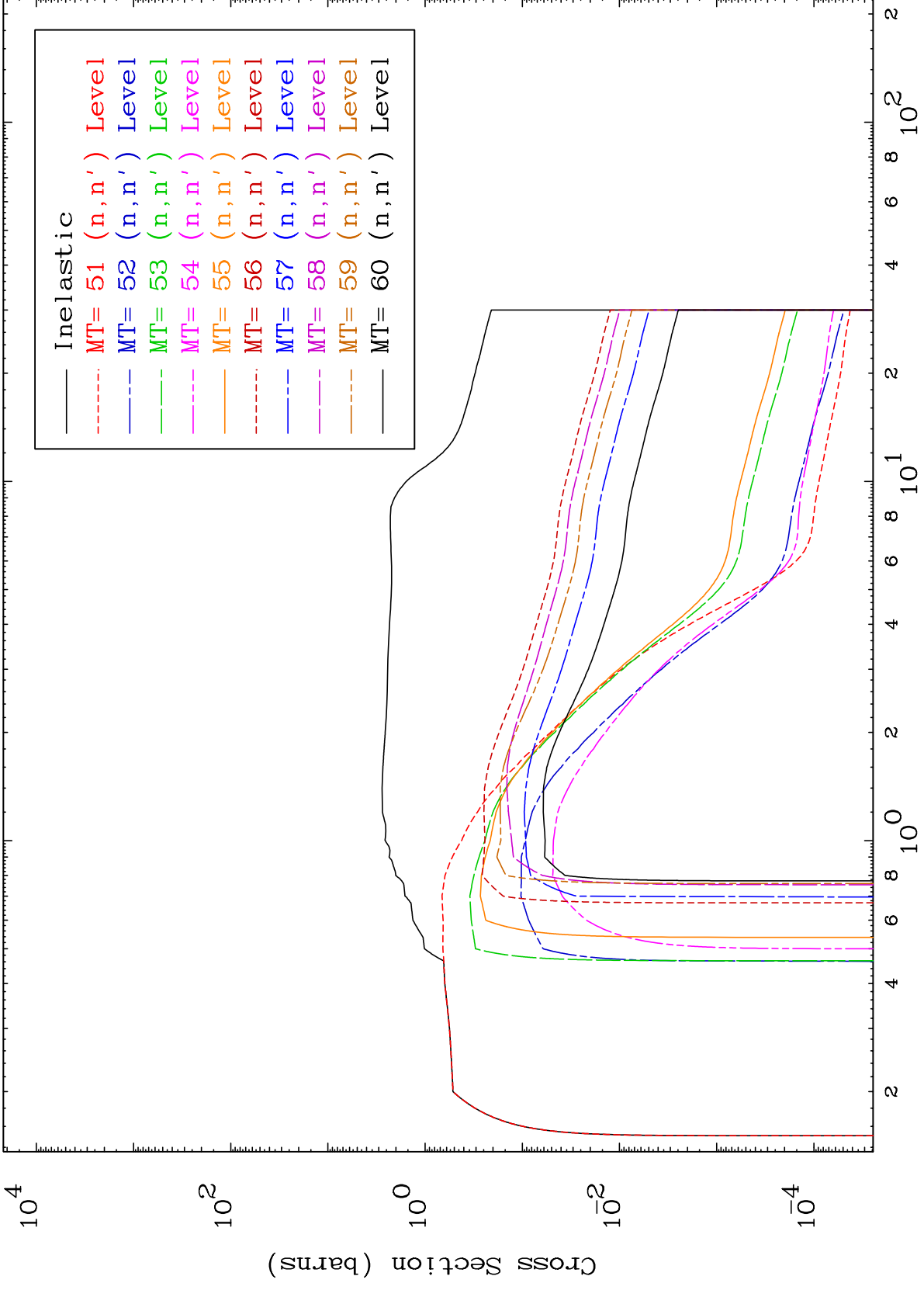


MAT 6319

(n,n') Level

63-Eu-149

293 Kelvin Cross Sections



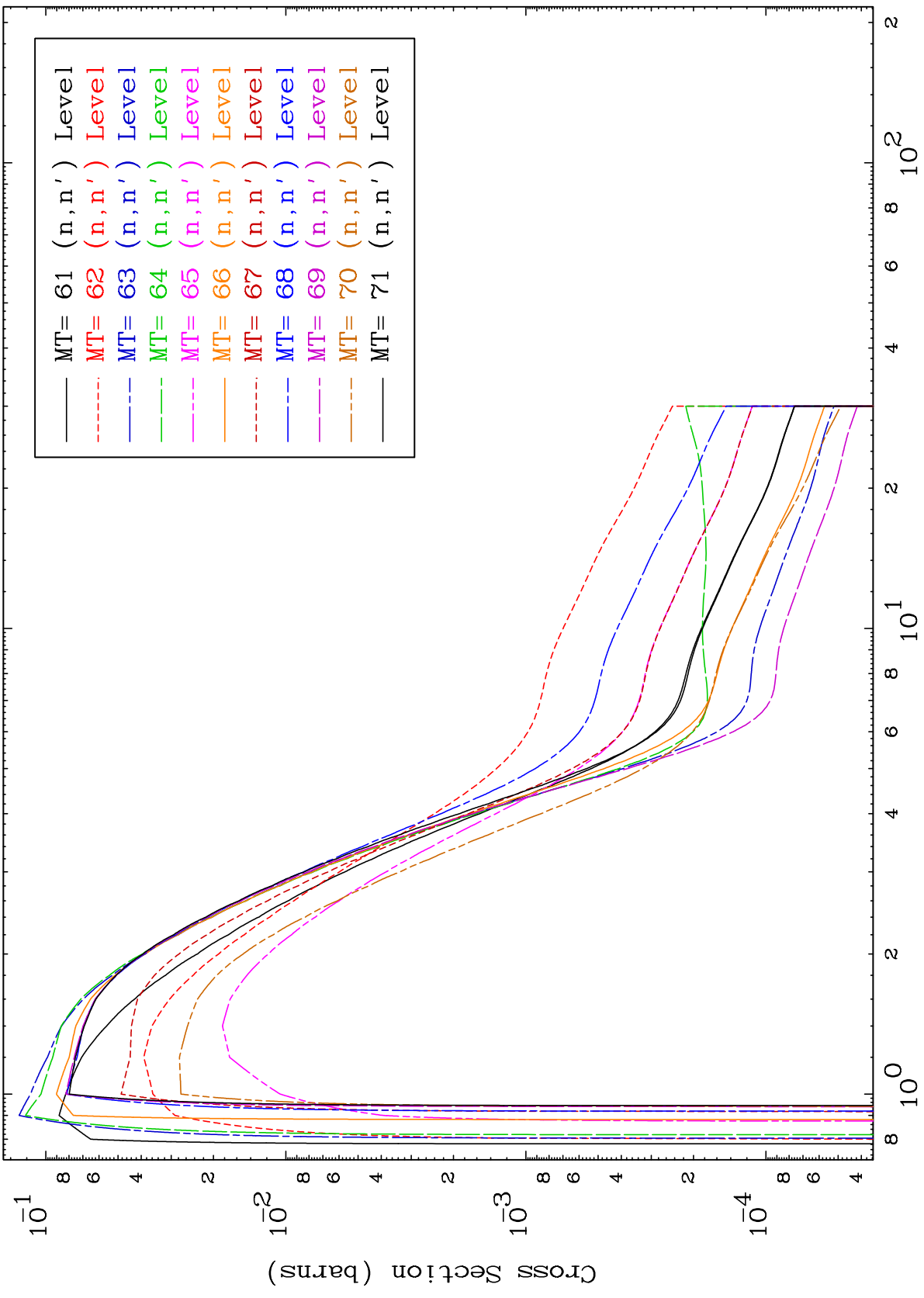


MAT 6319

(n,n') Level

63-Eu-149

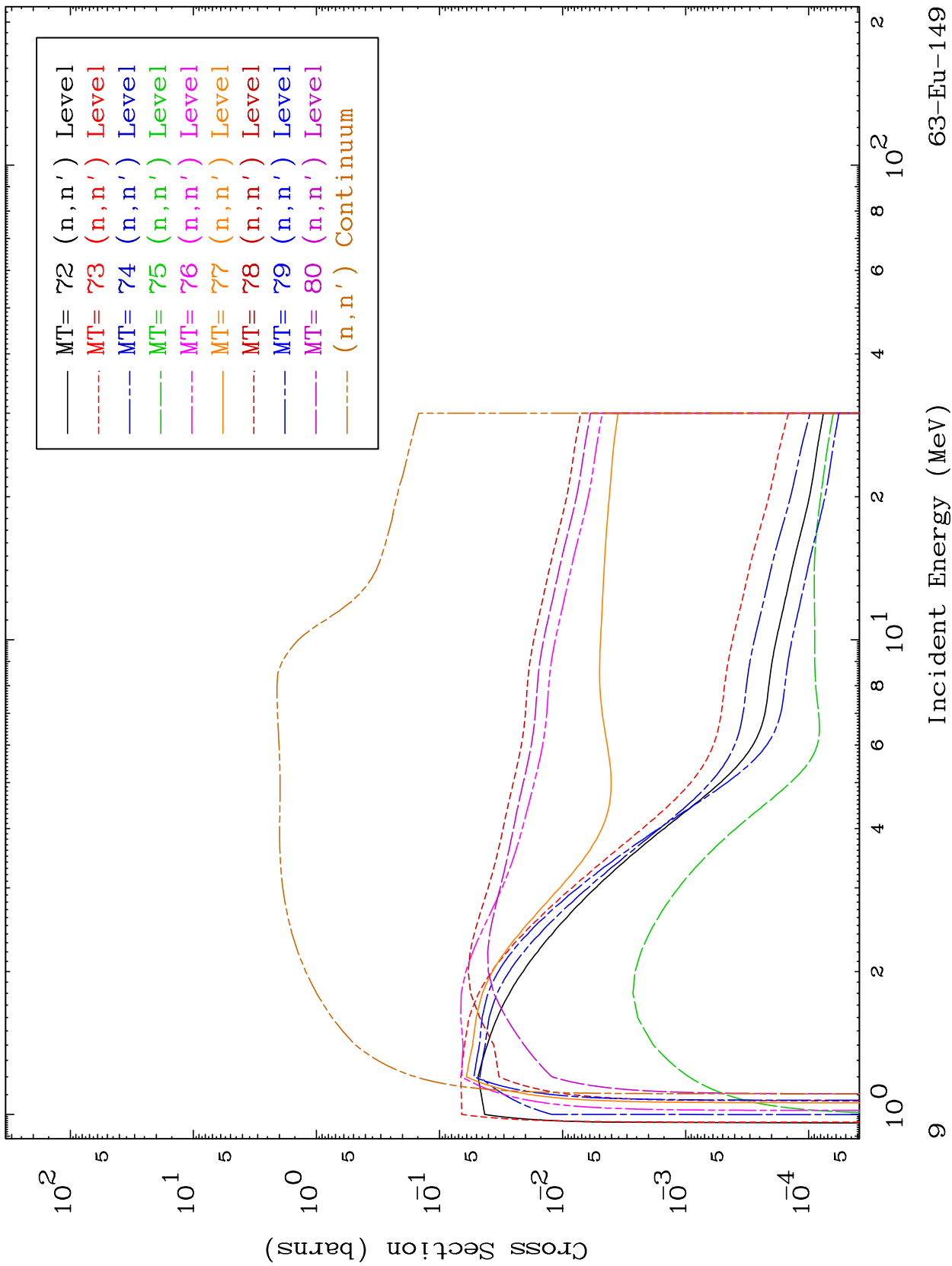
293 Kelvin Cross Sections



Incident Energy (MeV)

63-Eu-149

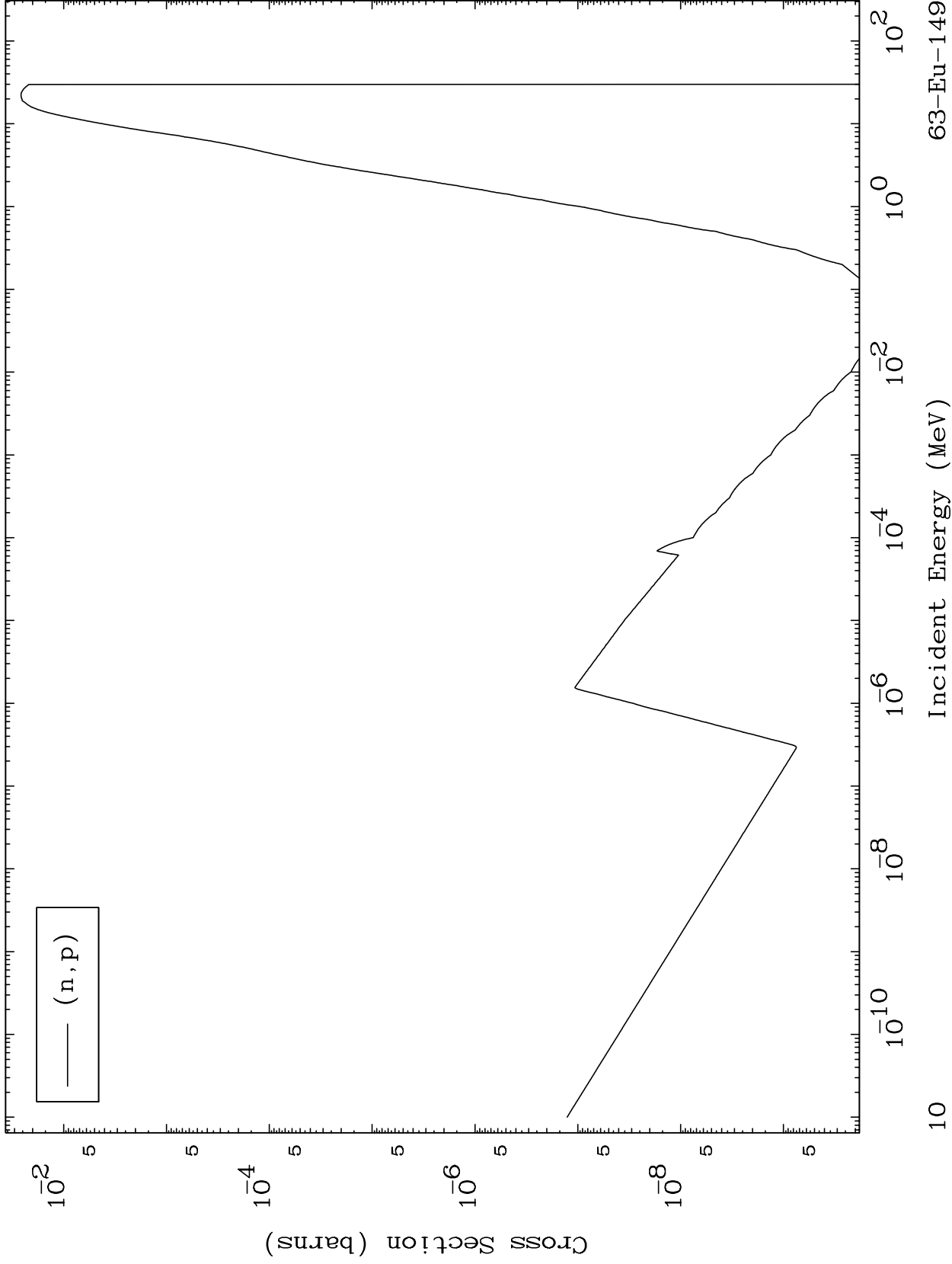
293 Kelvin Cross Sections



MAT 6319

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-149



10

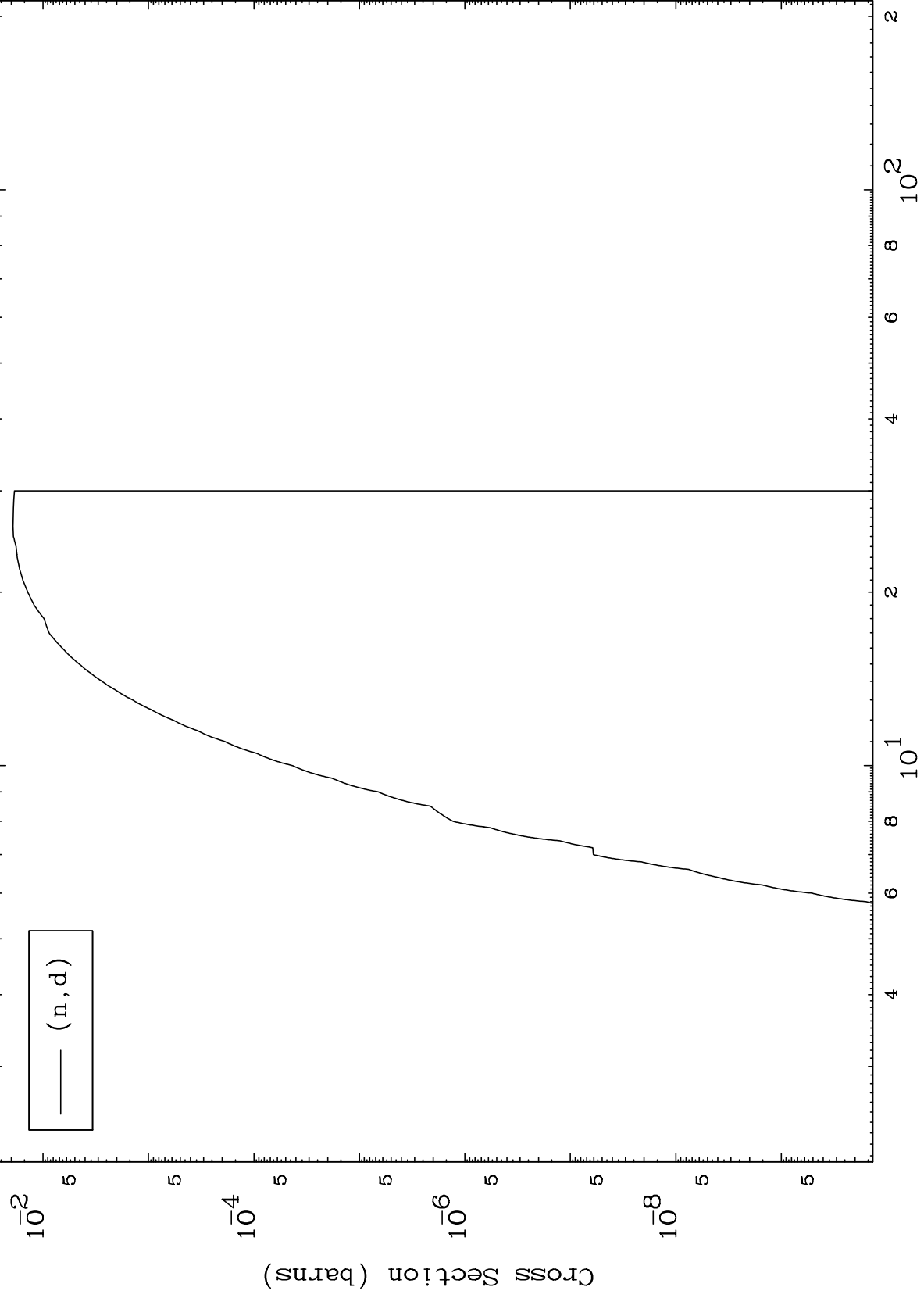
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,d) Levels  
293 Kelvin Cross Sections

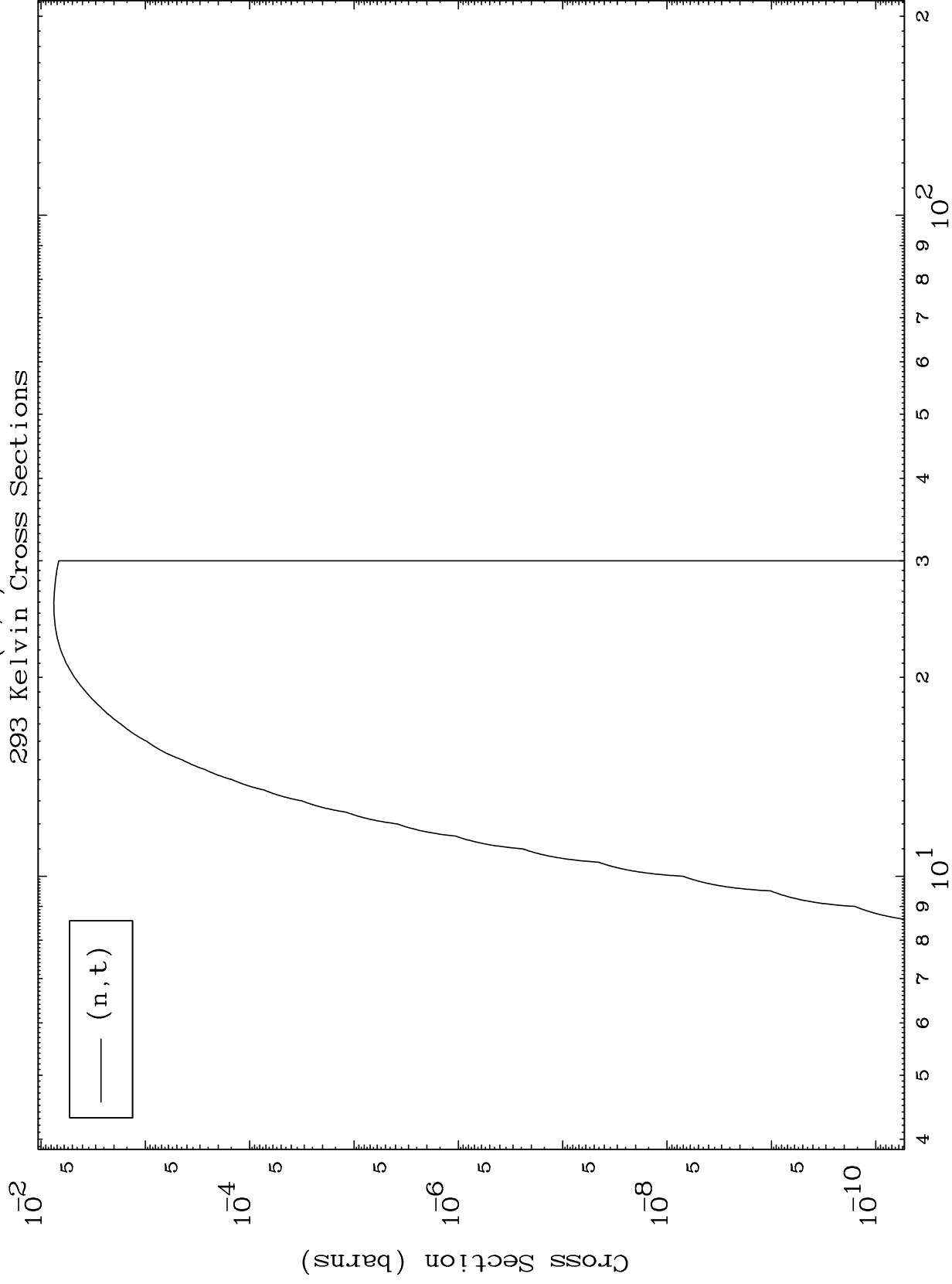
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MAT 6319

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-149



12

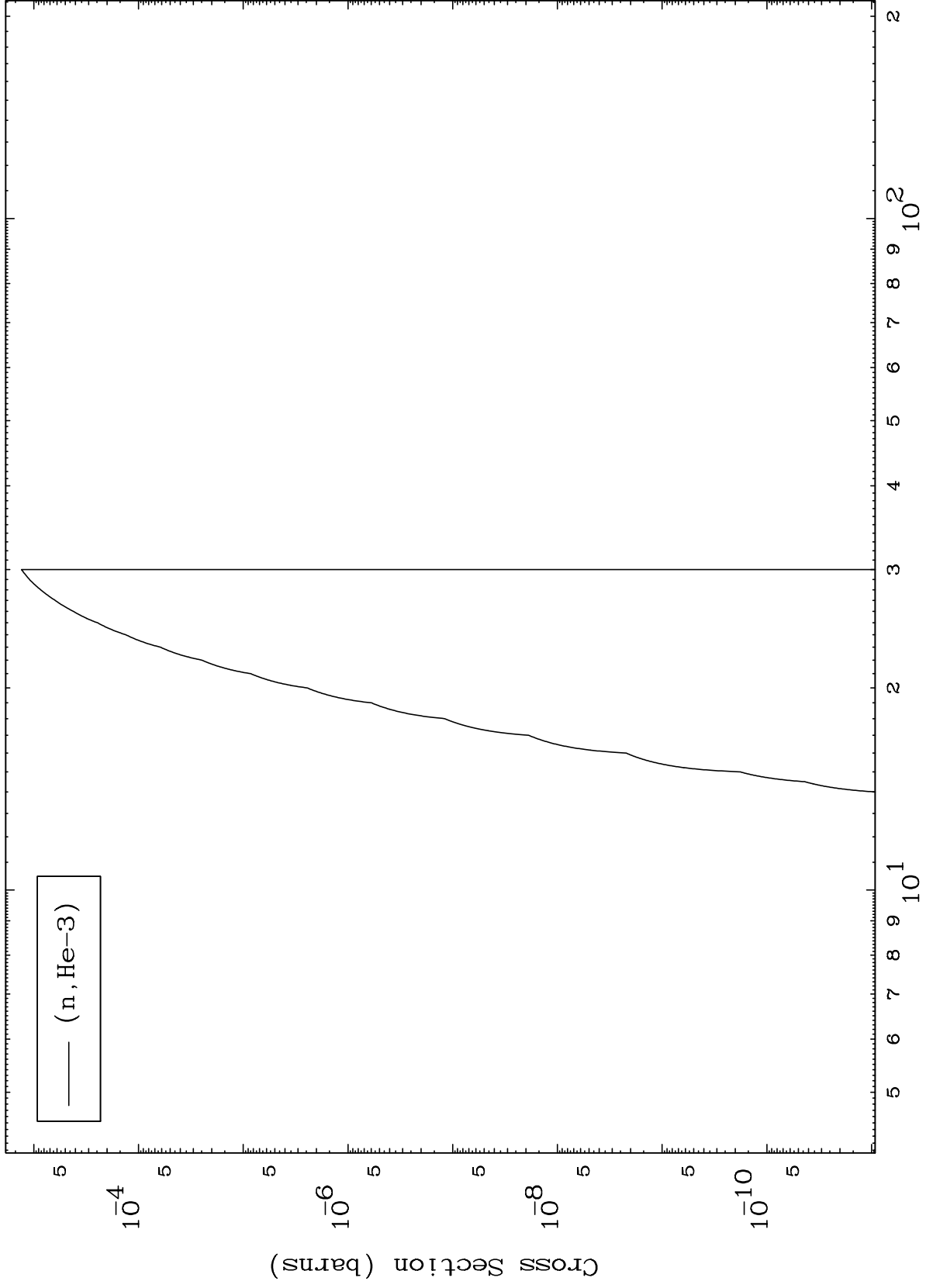
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-149



13

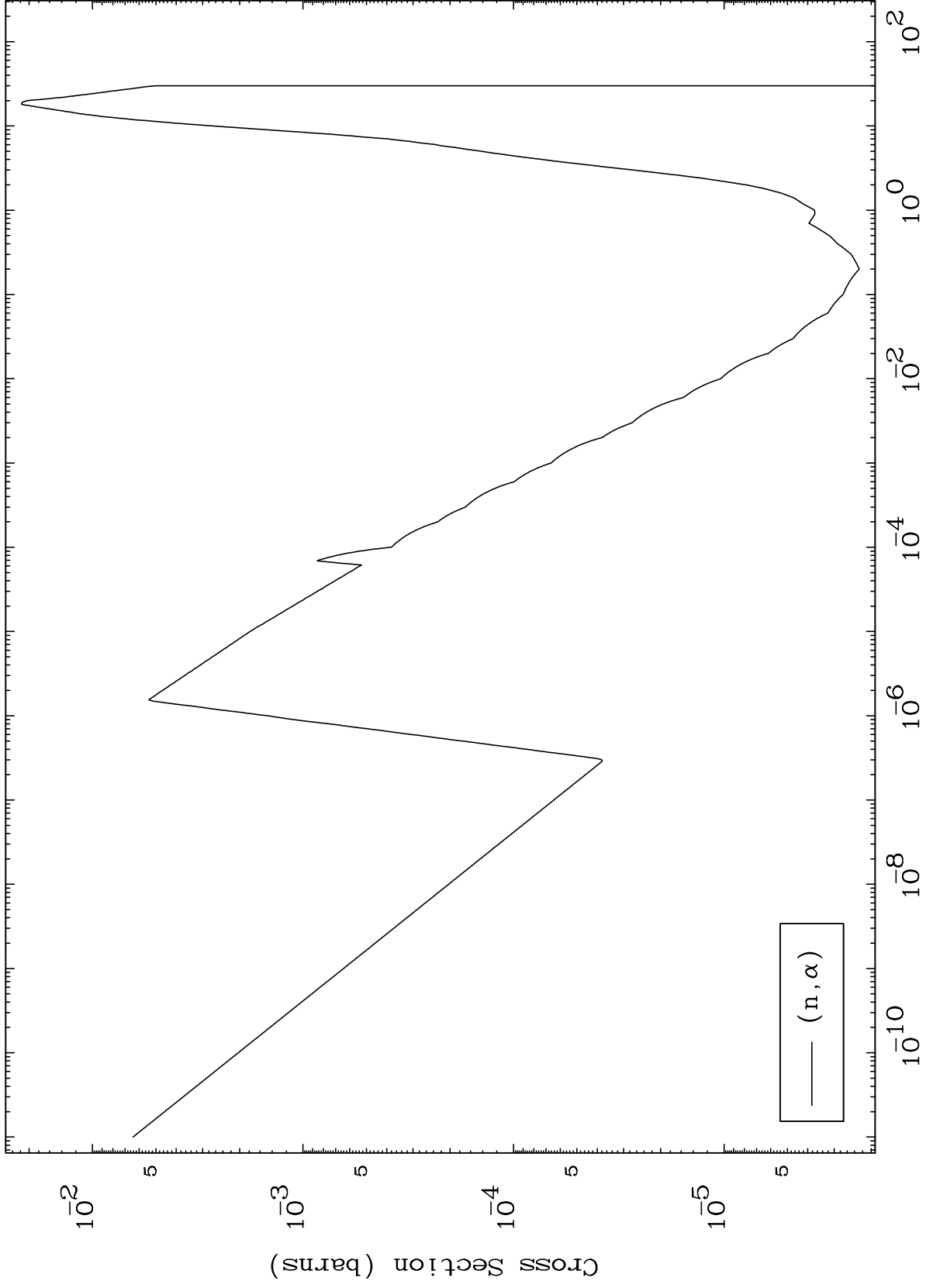
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,α) Levels  
293 Kelvin Cross Sections

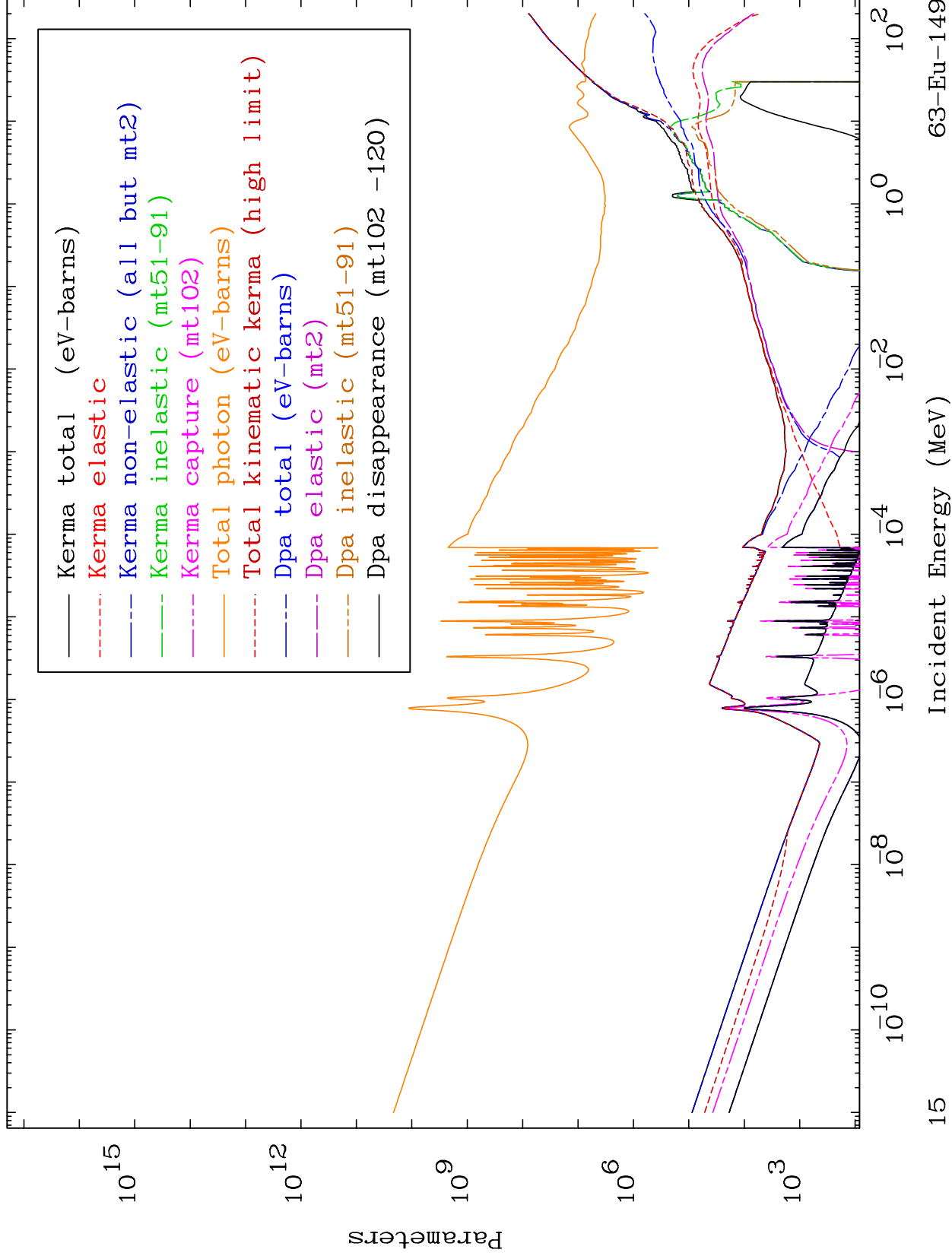
63-Eu-149



14

Incident Energy (MeV)

63-Eu-149

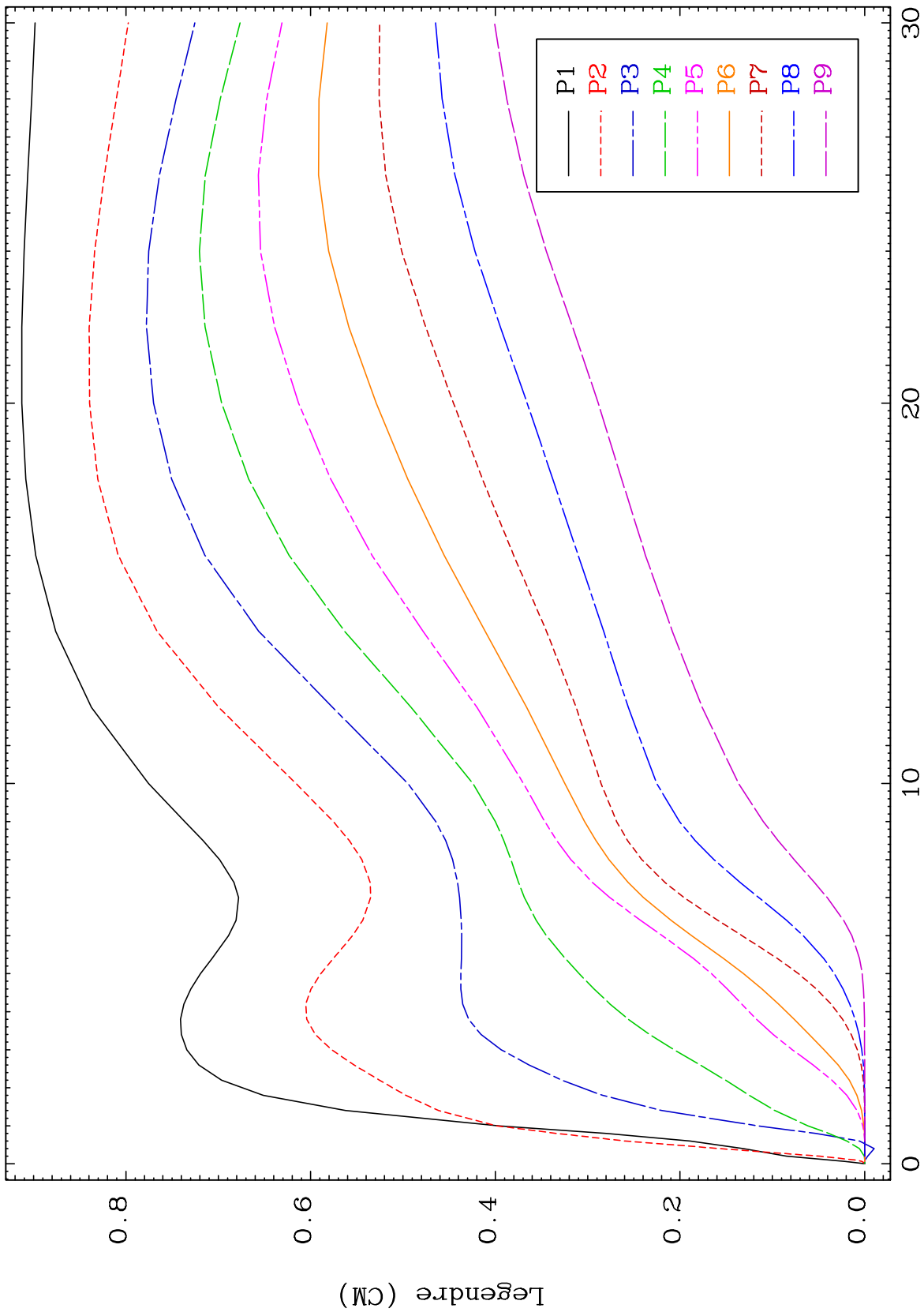




MAT 6319

63-Eu-149

Elastic Legendre Coefficients



63-Eu-149

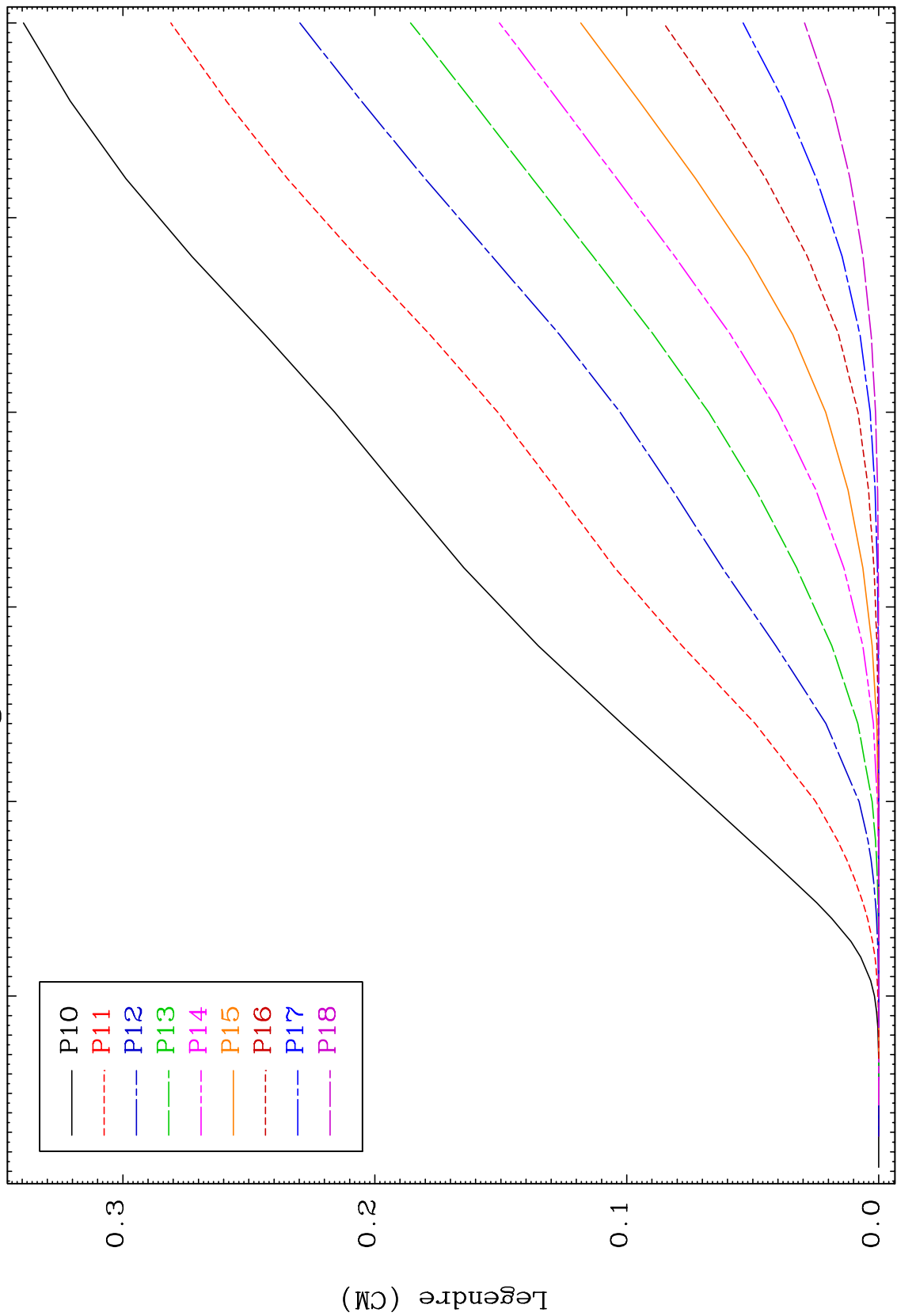
Incident Energy (MeV)

16

MAT 6319

Elastic Legendre Coefficients

<sup>63</sup>-Eu-149



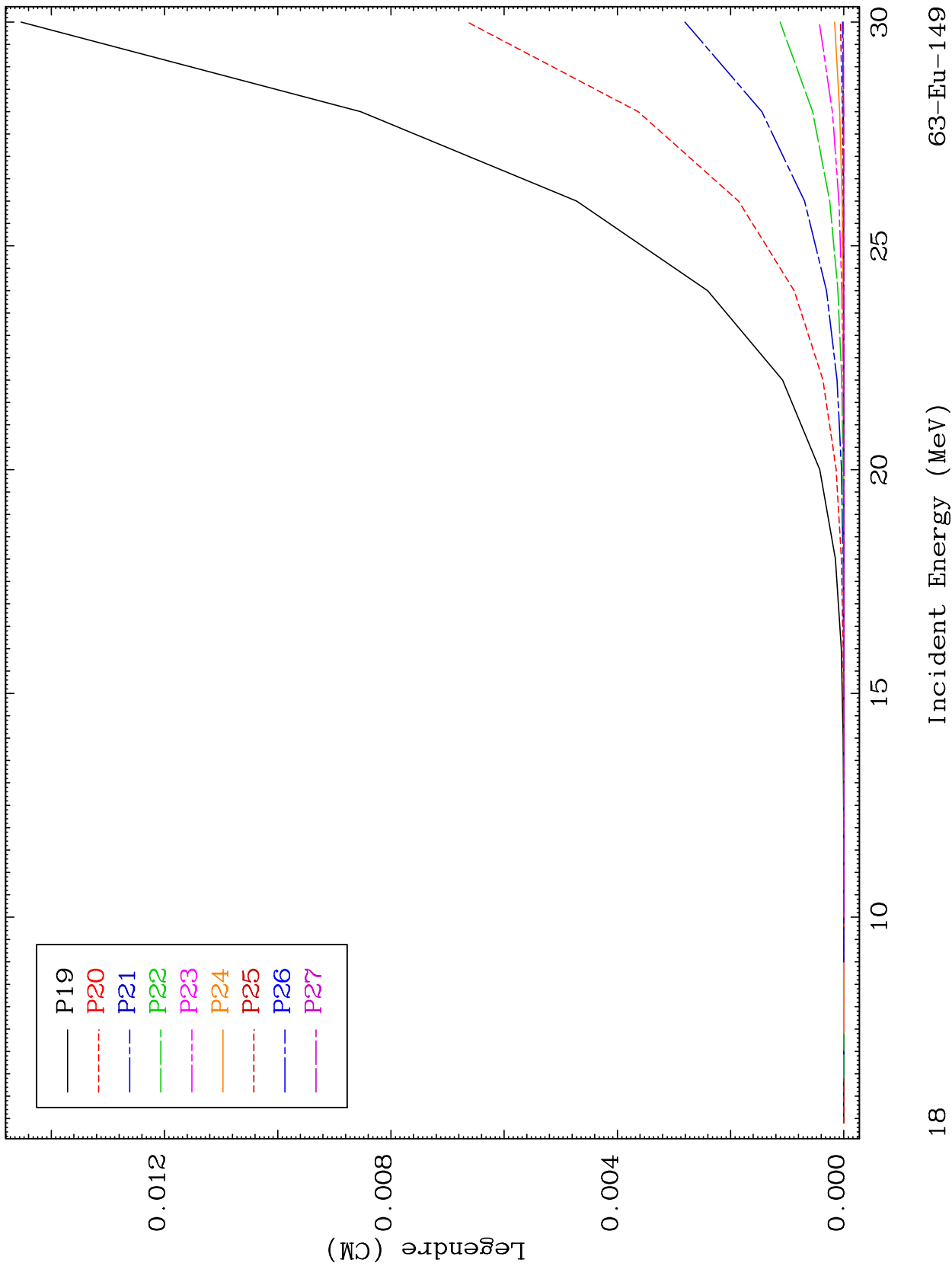
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<sup>63</sup>-Eu-149

MAT 6319

### Elastic Legendre Coefficients

63-Eu-149



18

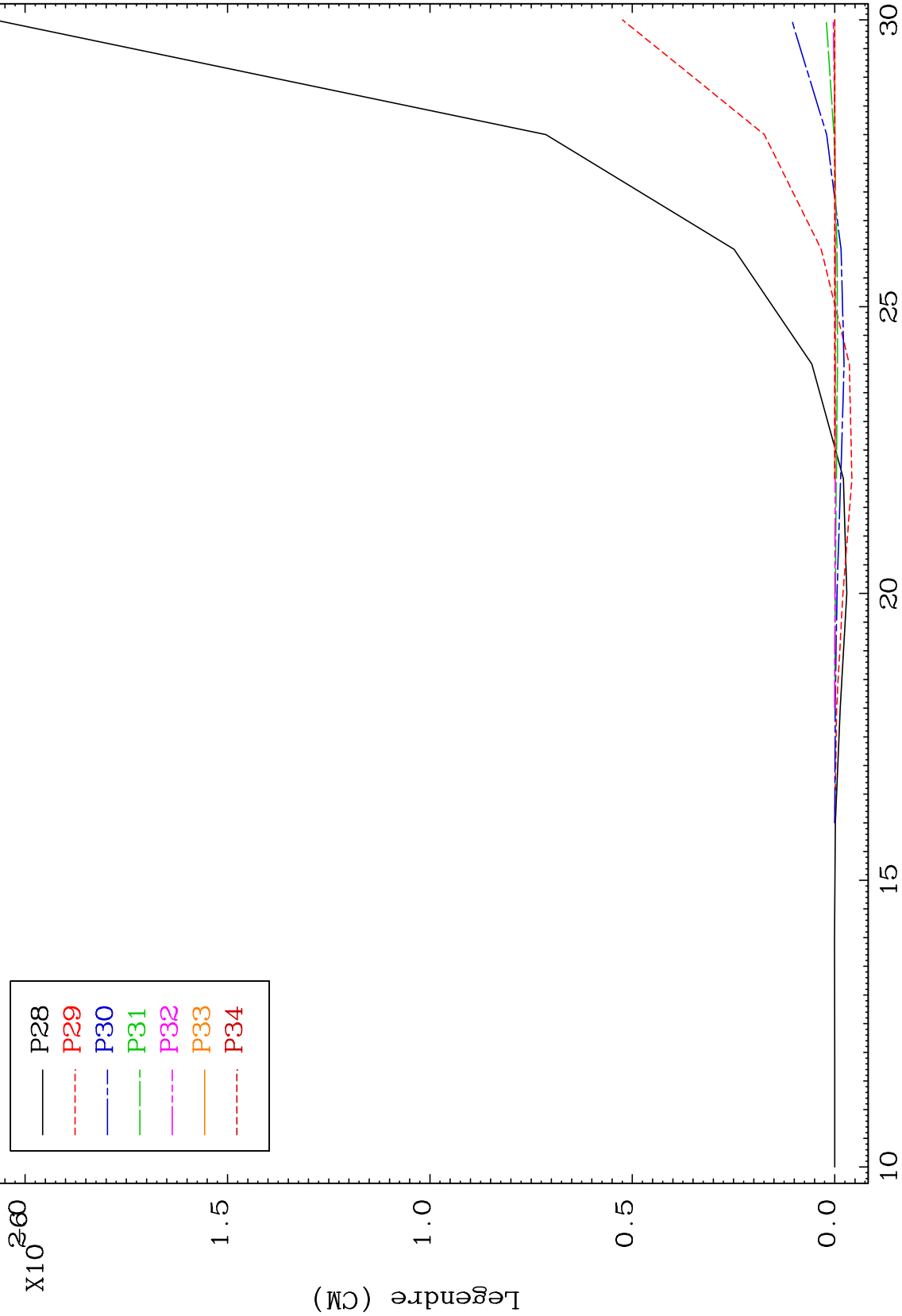
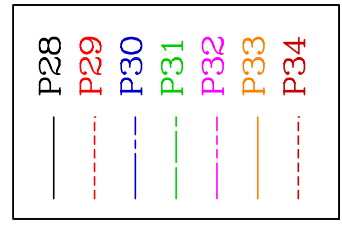
Incident Energy (MeV)

63-Eu-149

MAT 6319

Elastic Legendre Coefficients

63-Eu-149



19

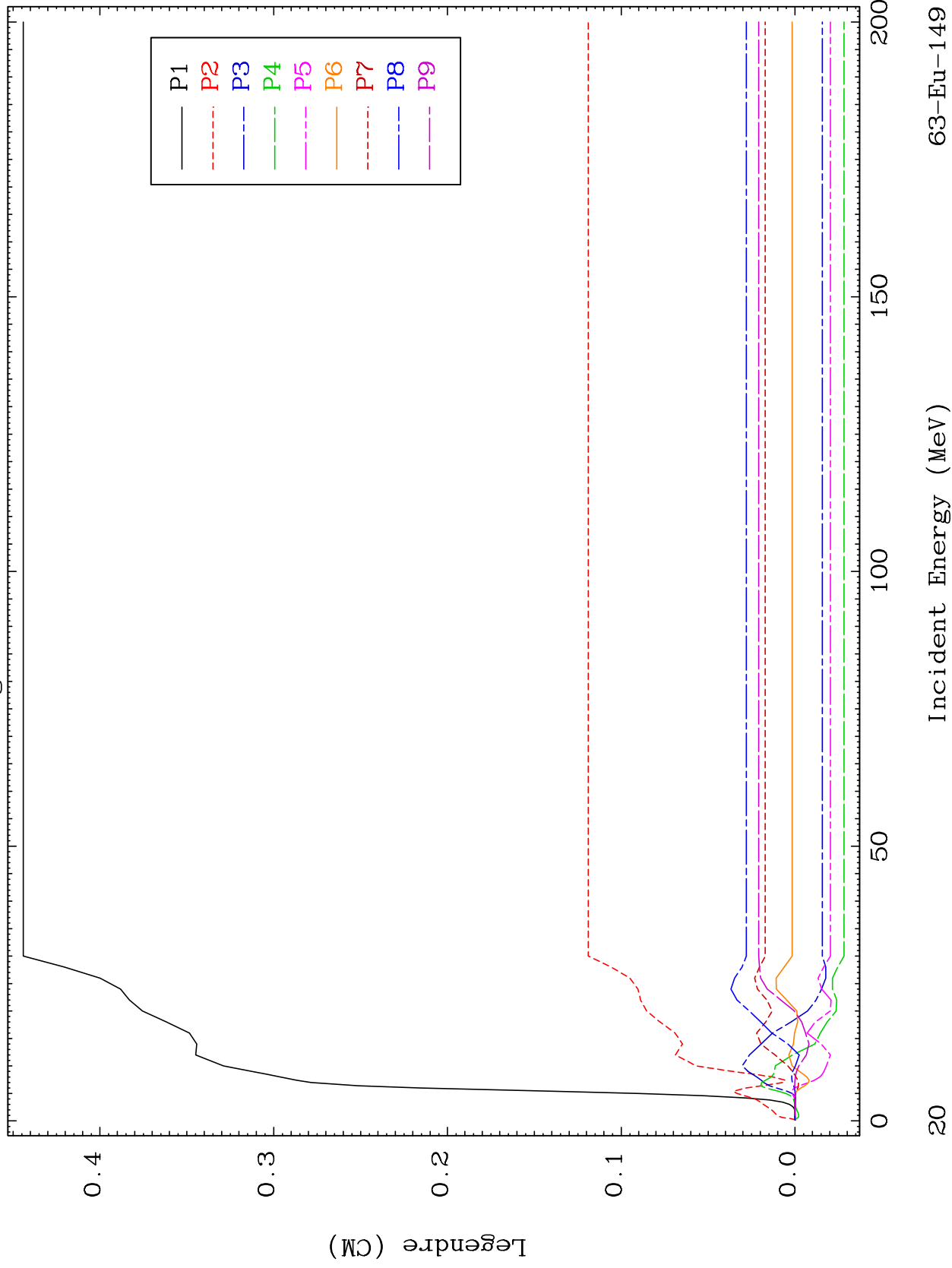
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

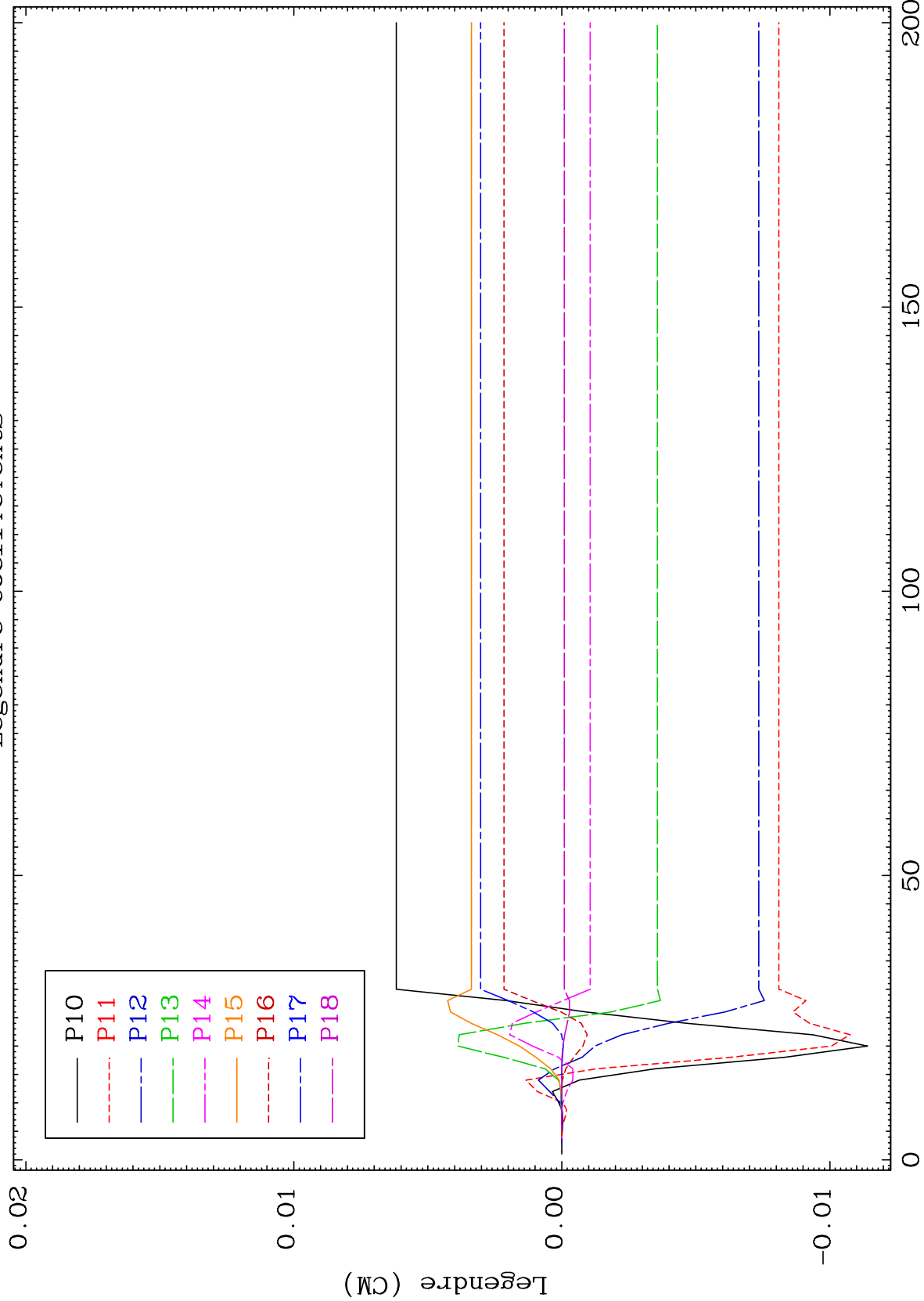
Incident Energy (MeV)

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MAT 6319

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

63-Eu-149



21

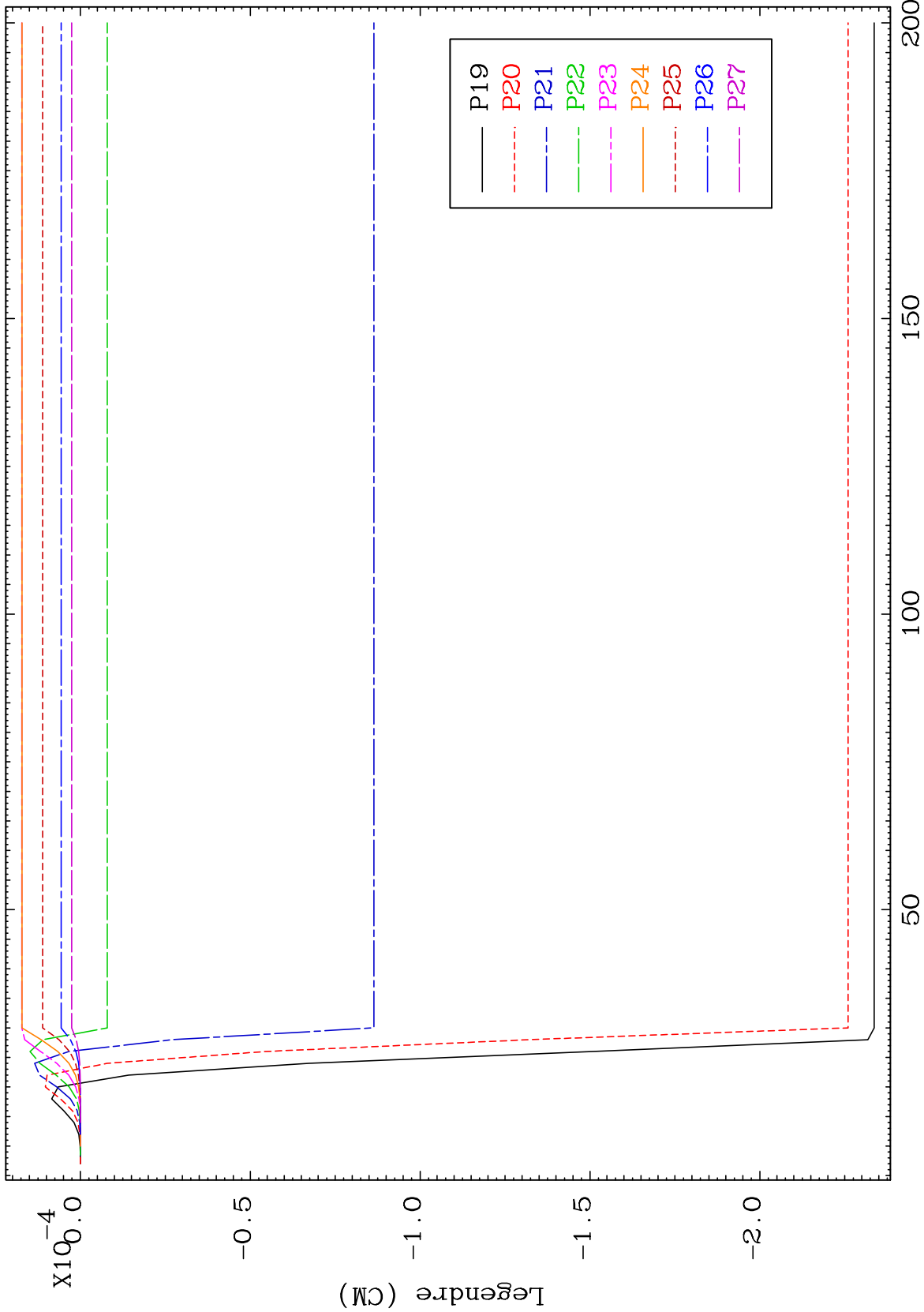
Incident Energy (MeV)

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MAT 6319

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

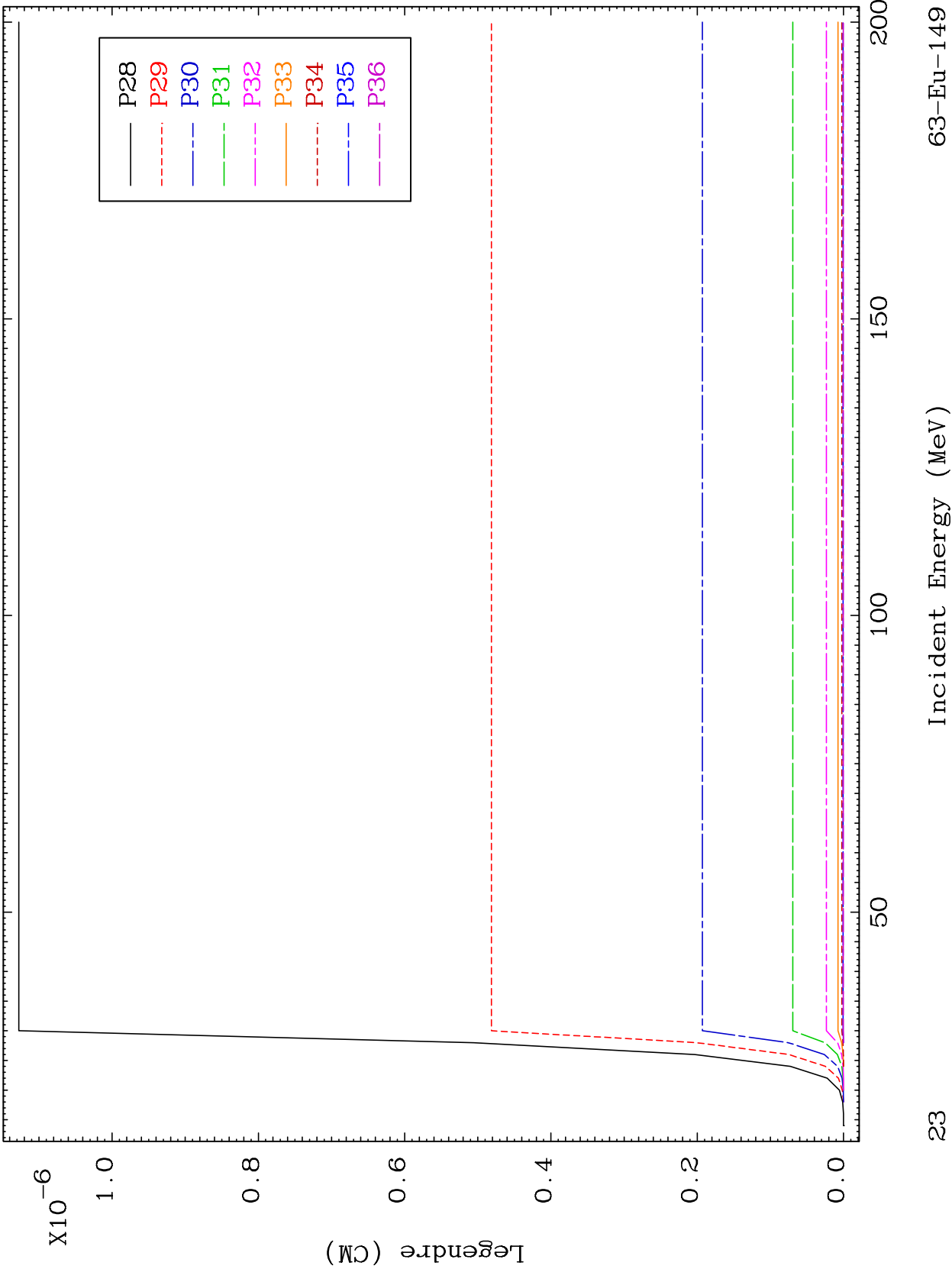
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MAT 6319

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

63-Eu-149



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63-Eu-149

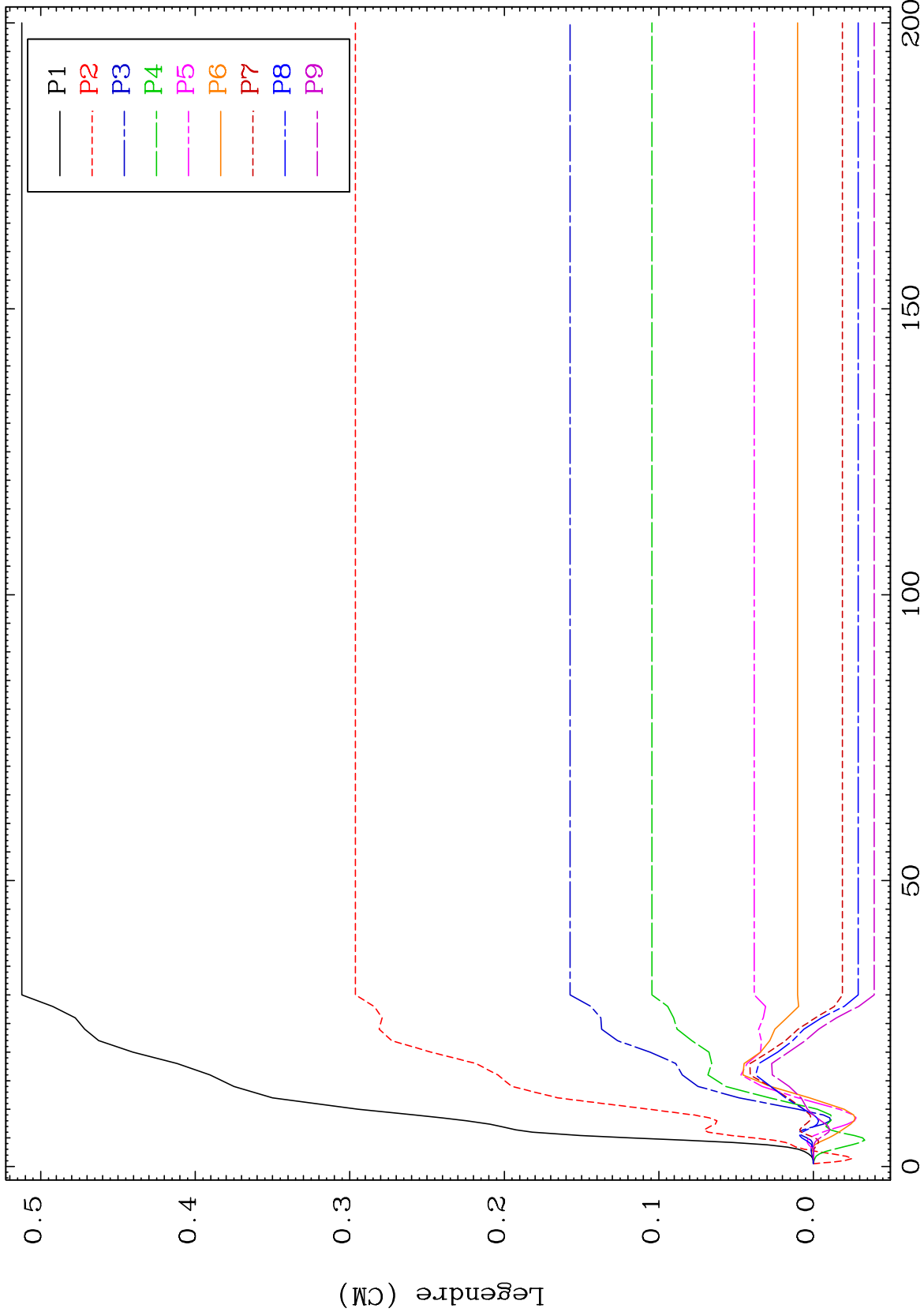


MAT 6319

MT= 52 (n,n') Level

63-Eu-149

Legendre Coefficients



24

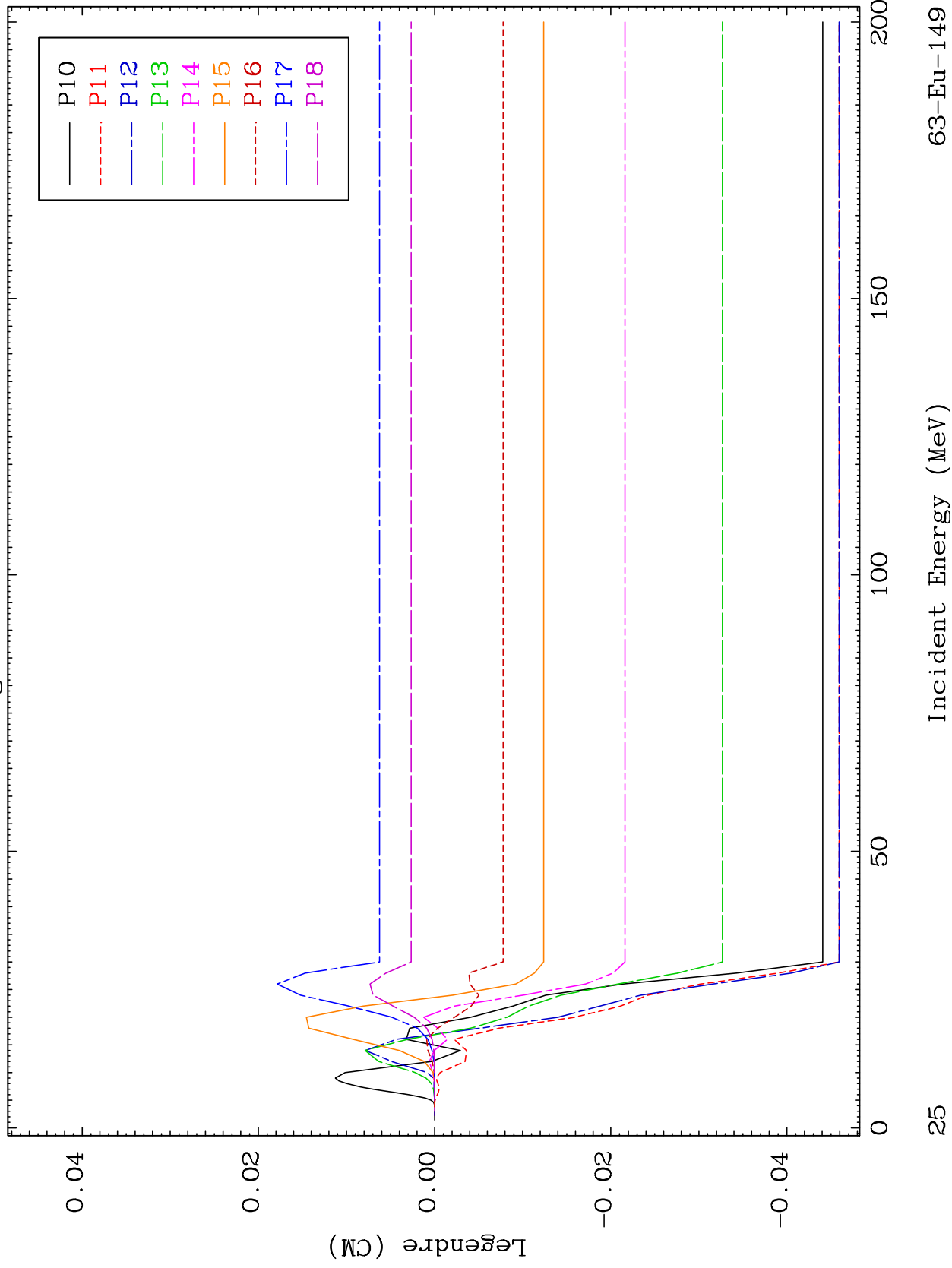
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

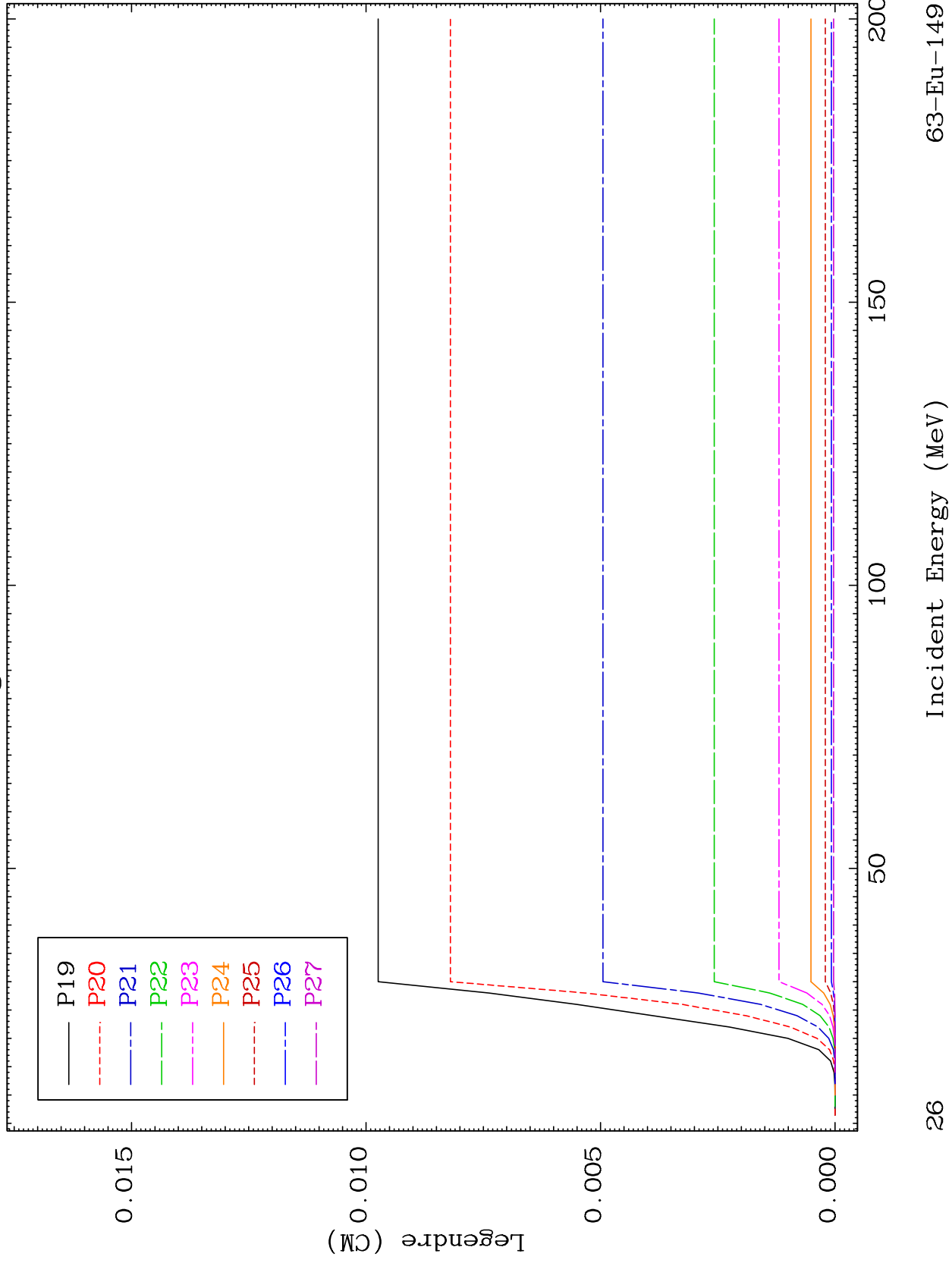
Incident Energy (MeV)

25

MAT 6319

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

63-Eu-149



26

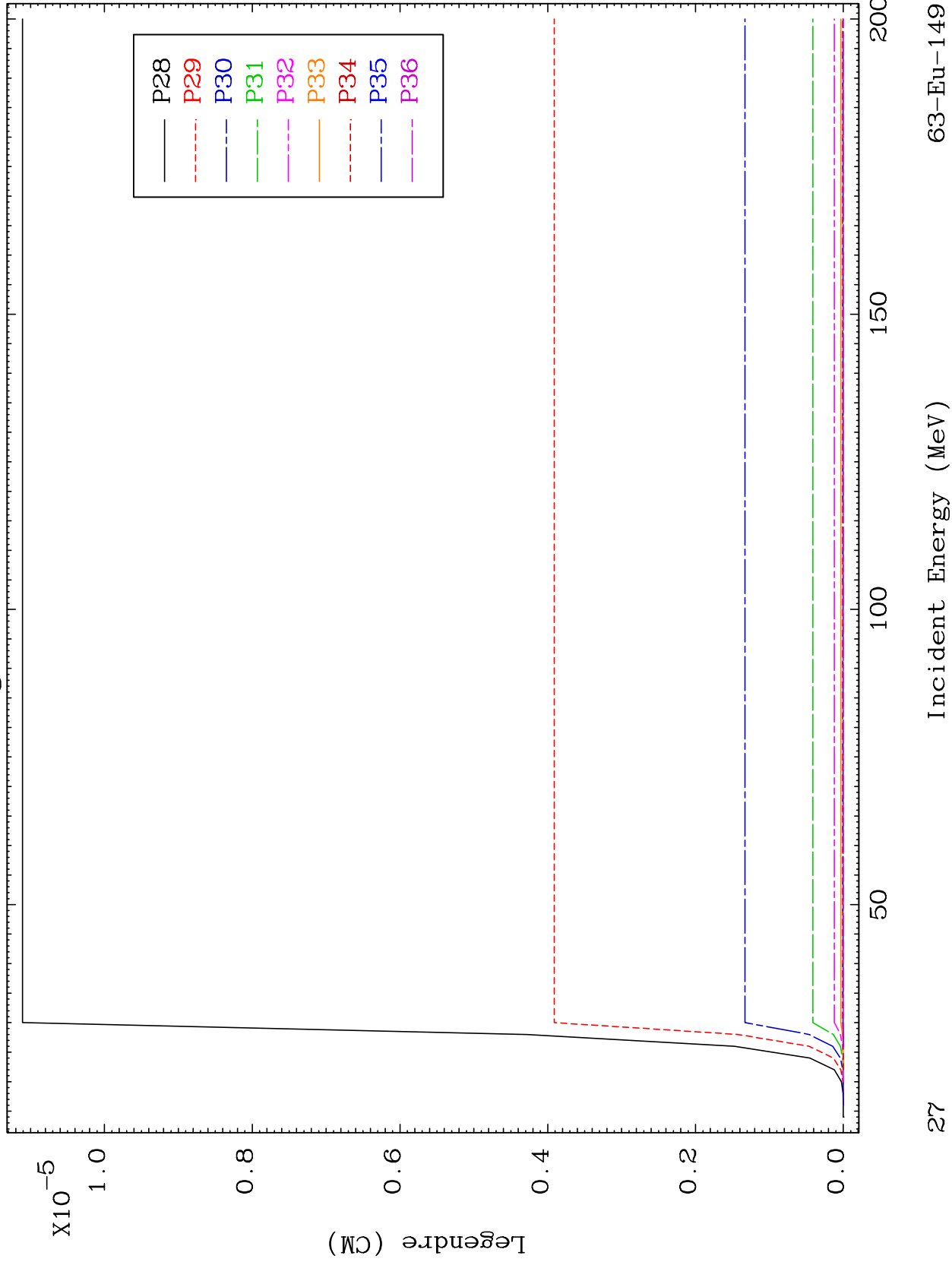
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

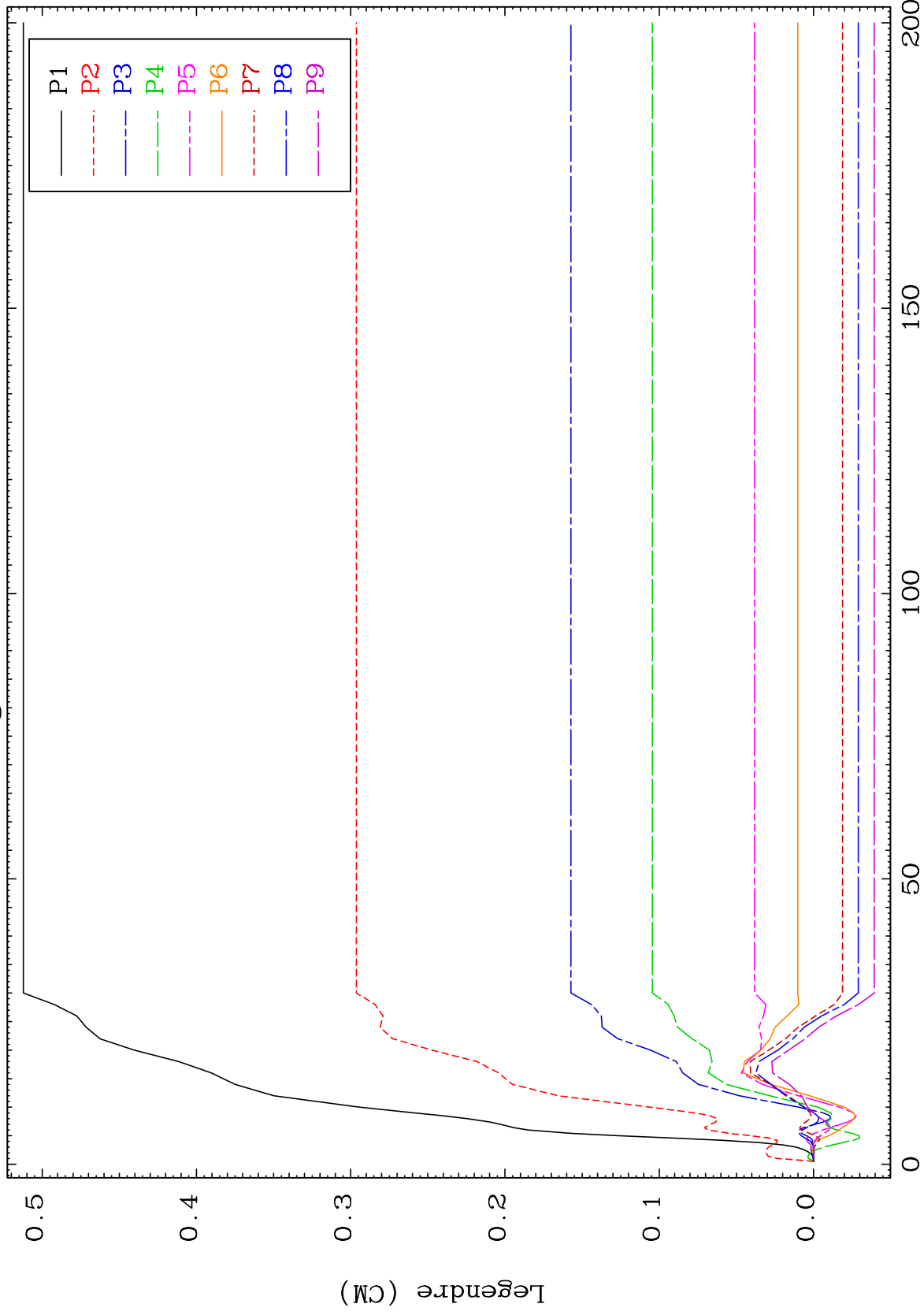
63-Eu-149



MAT 6319

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

63-Eu-149



28

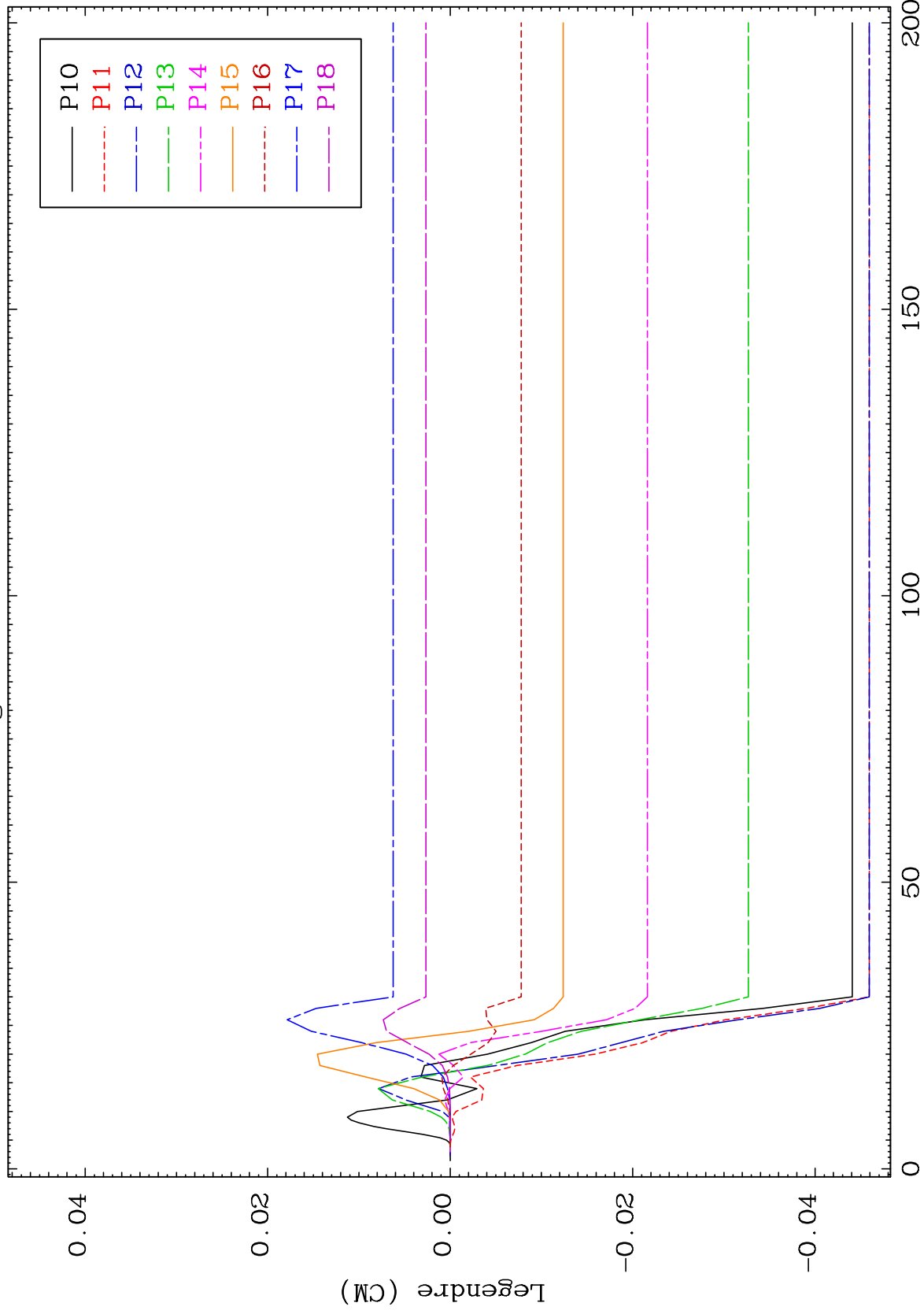
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



29

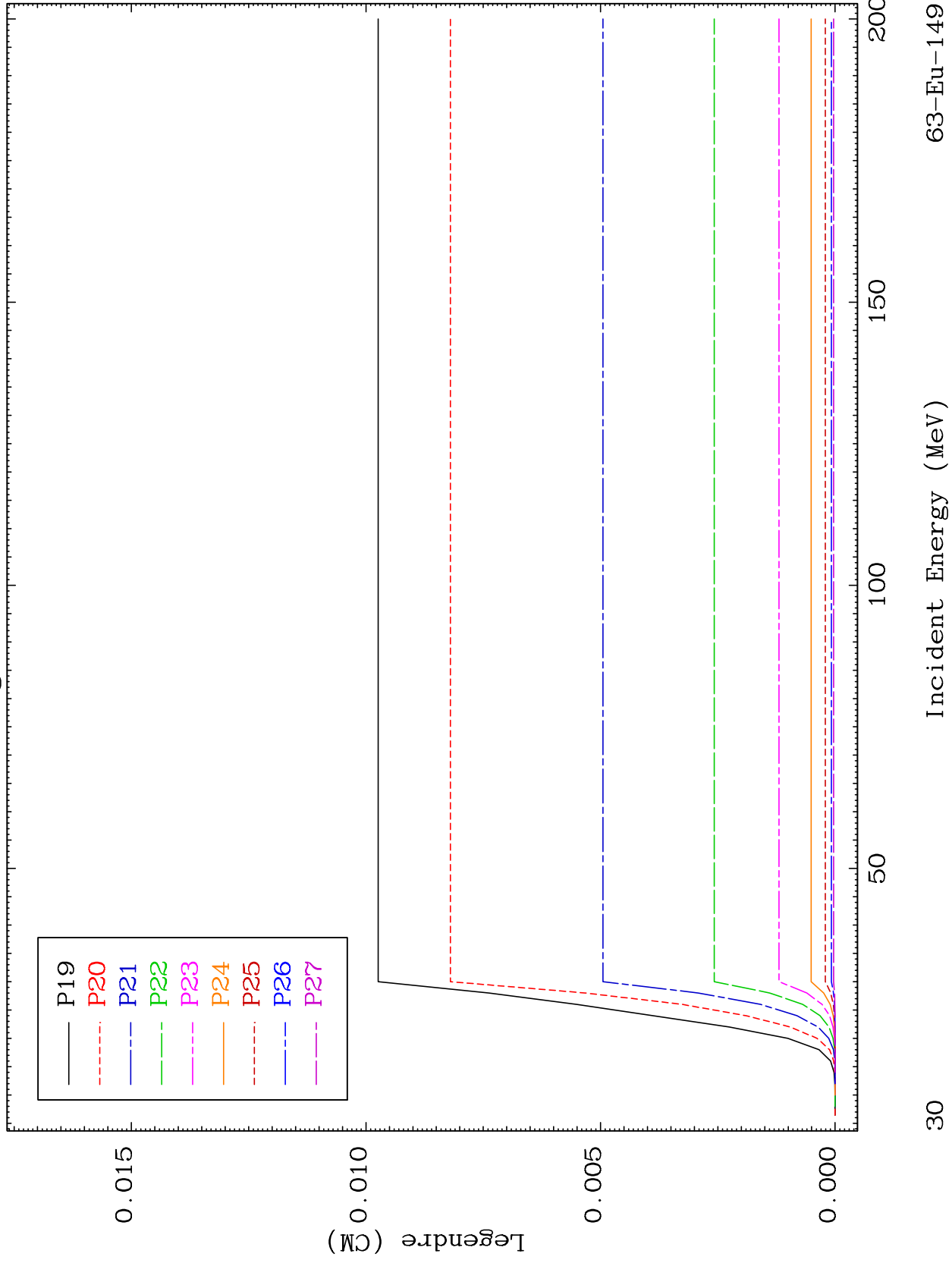
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

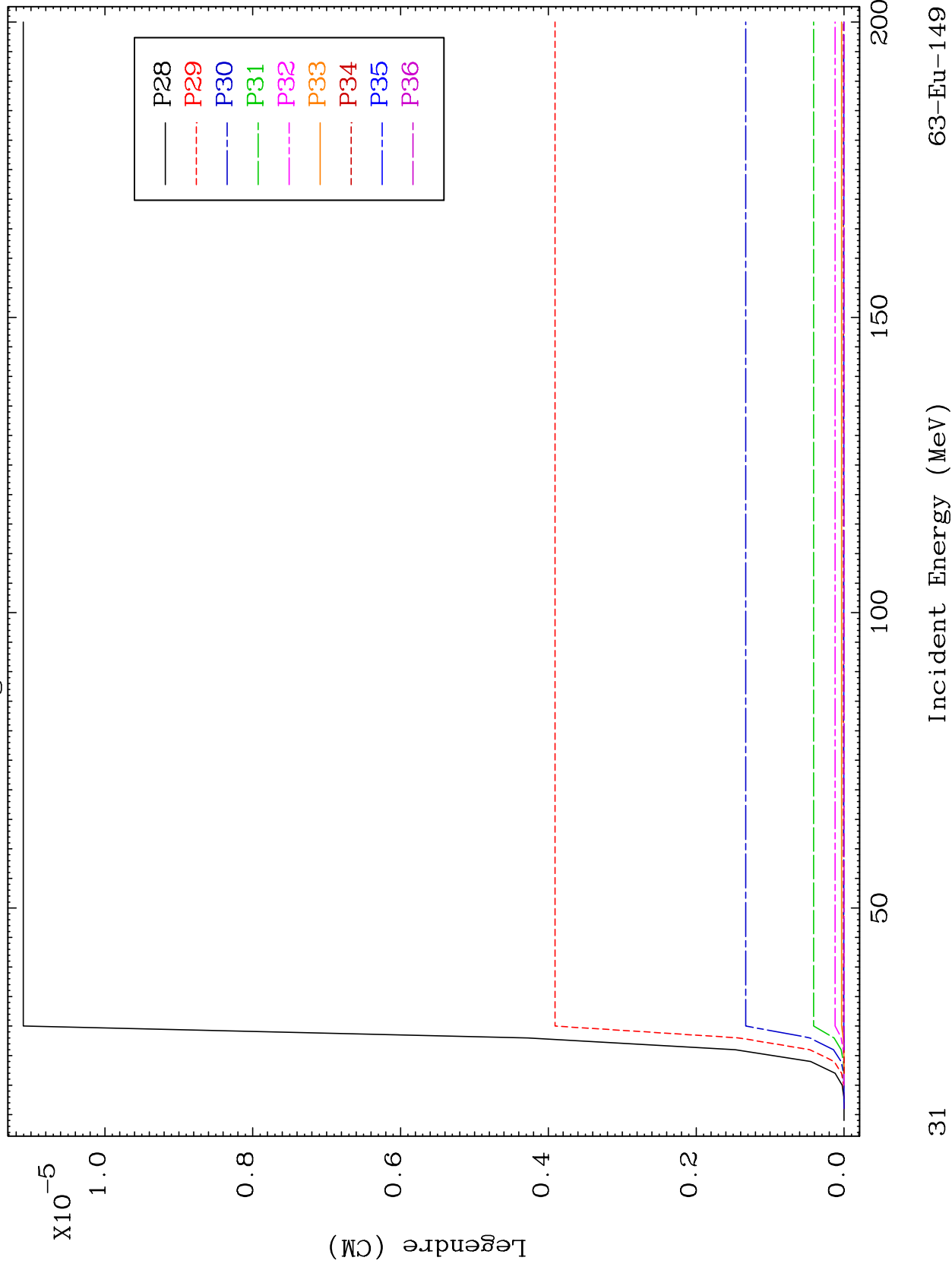
Incident Energy (MeV)

30

MAT 6319

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

63-Eu-149

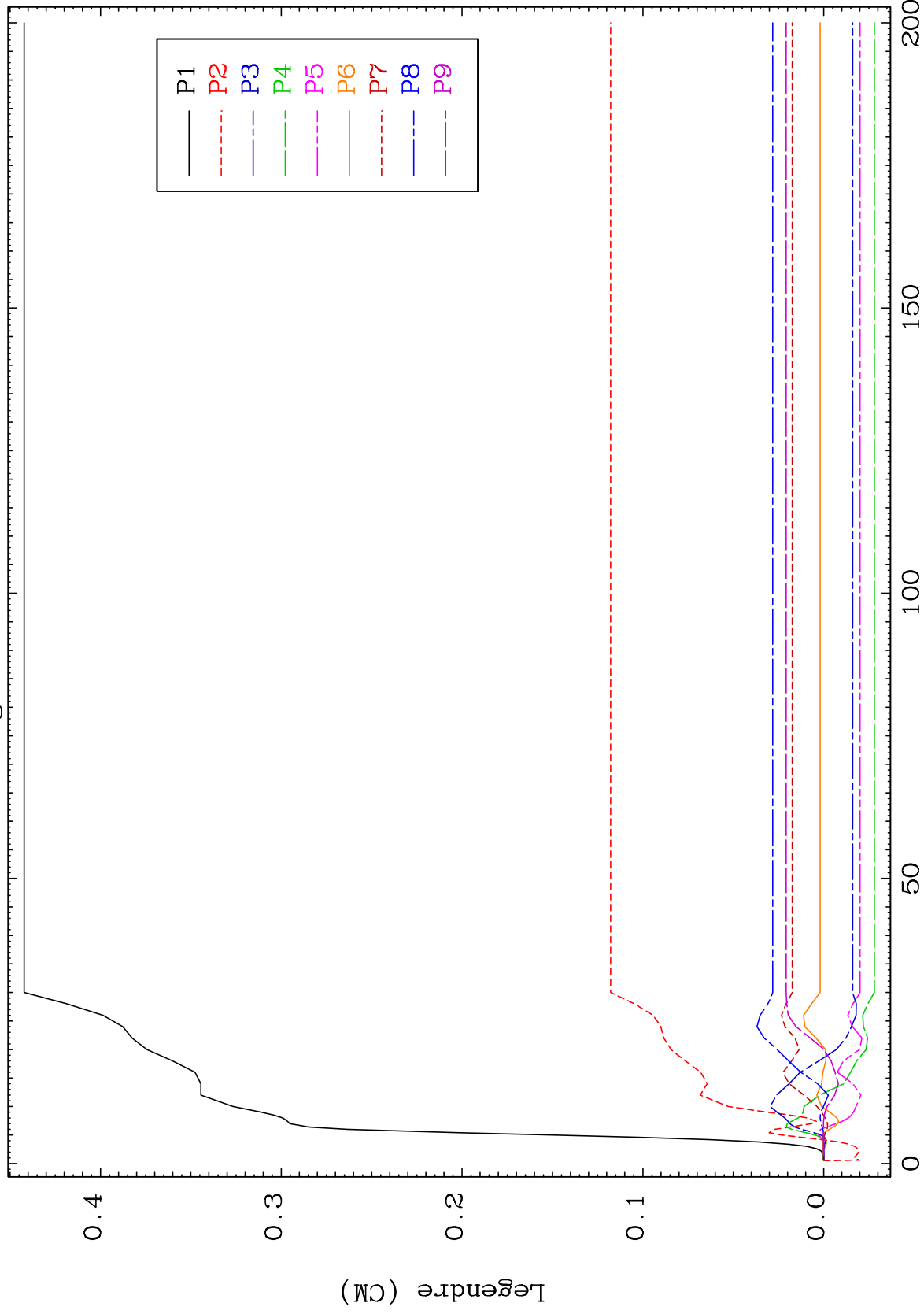




MAT 6319

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

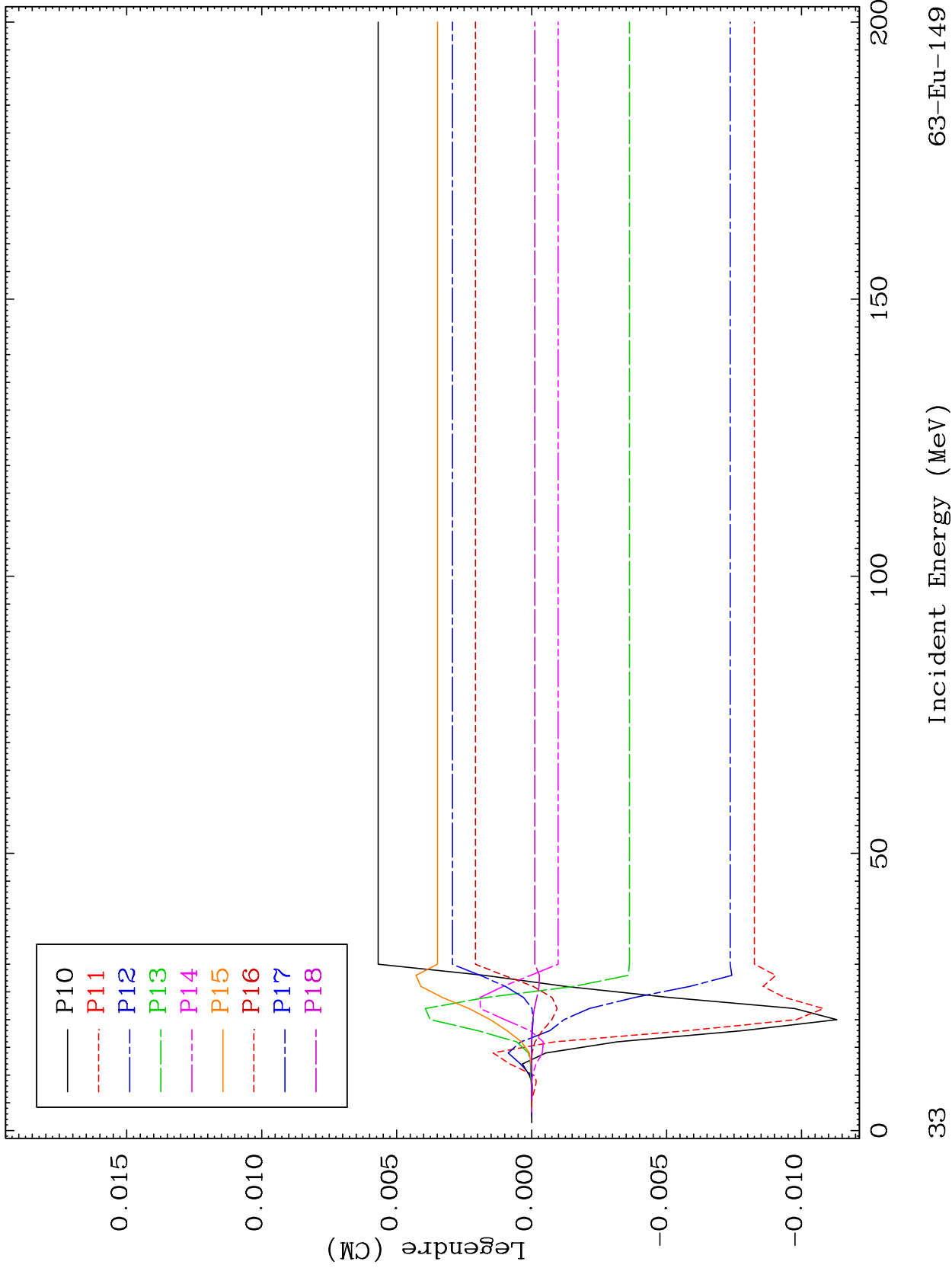
63-Eu-149



32

Incident Energy (MeV)

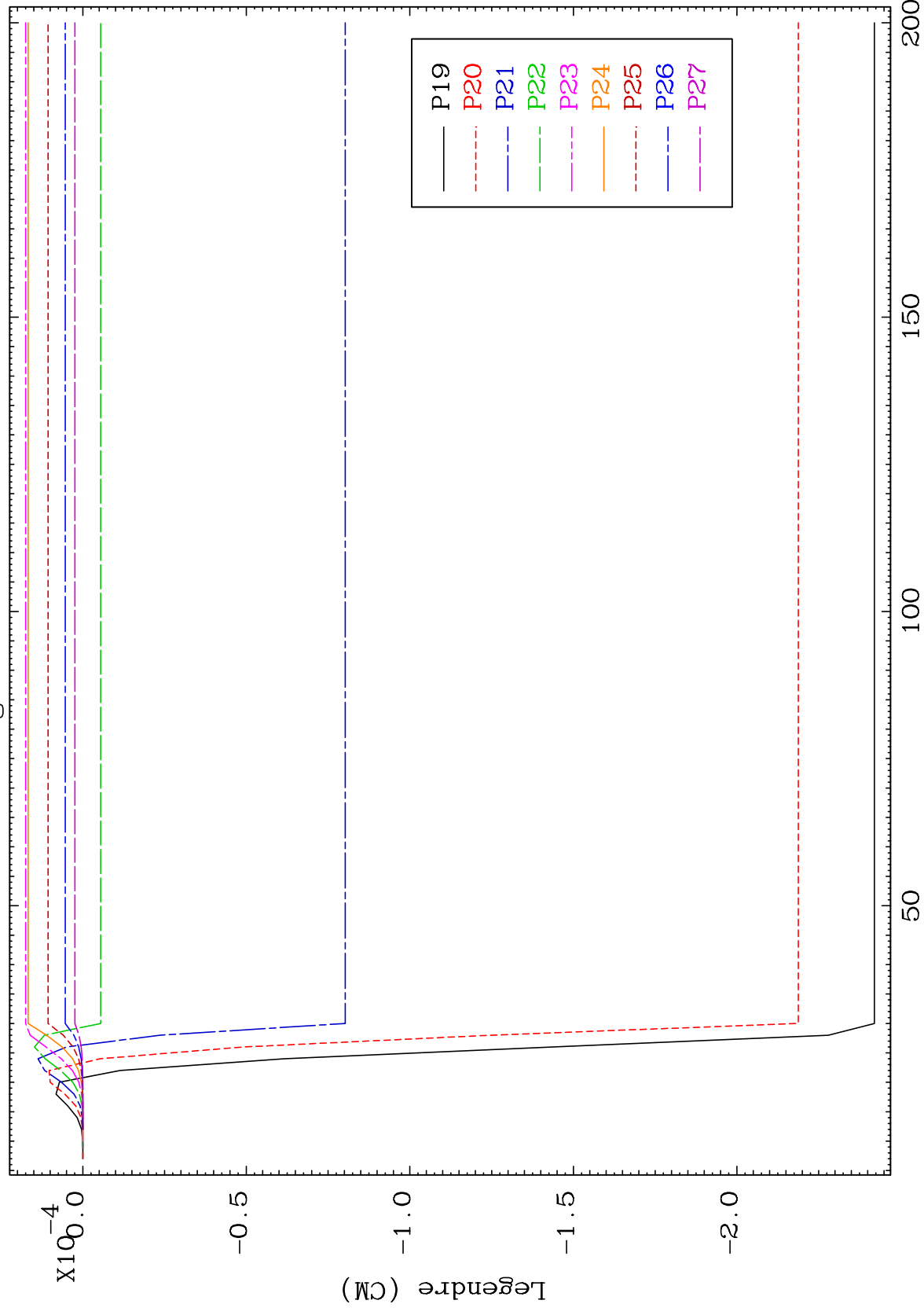
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MAT 6319

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

63-Eu-149



34

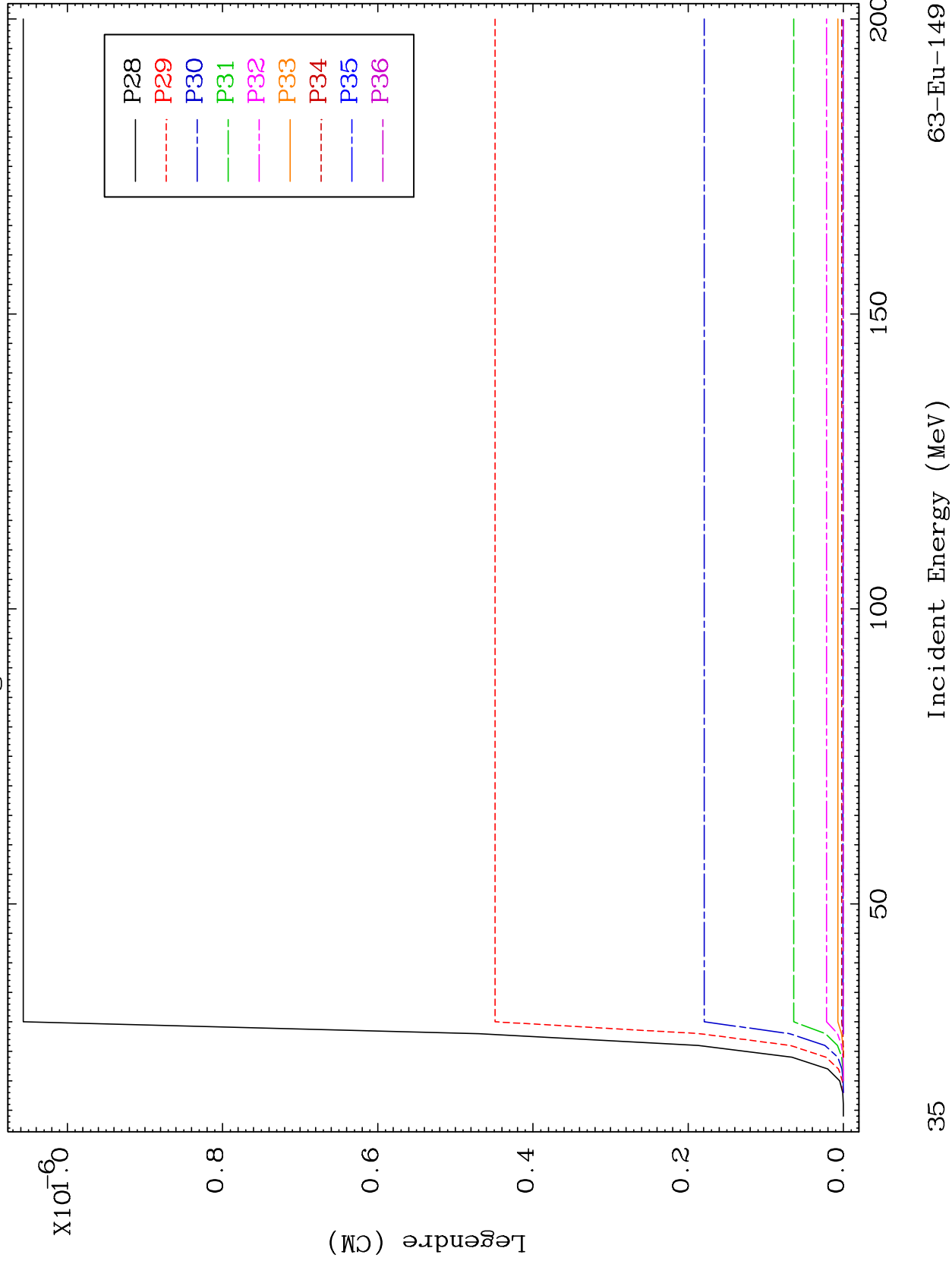
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



35

Incident Energy (MeV)

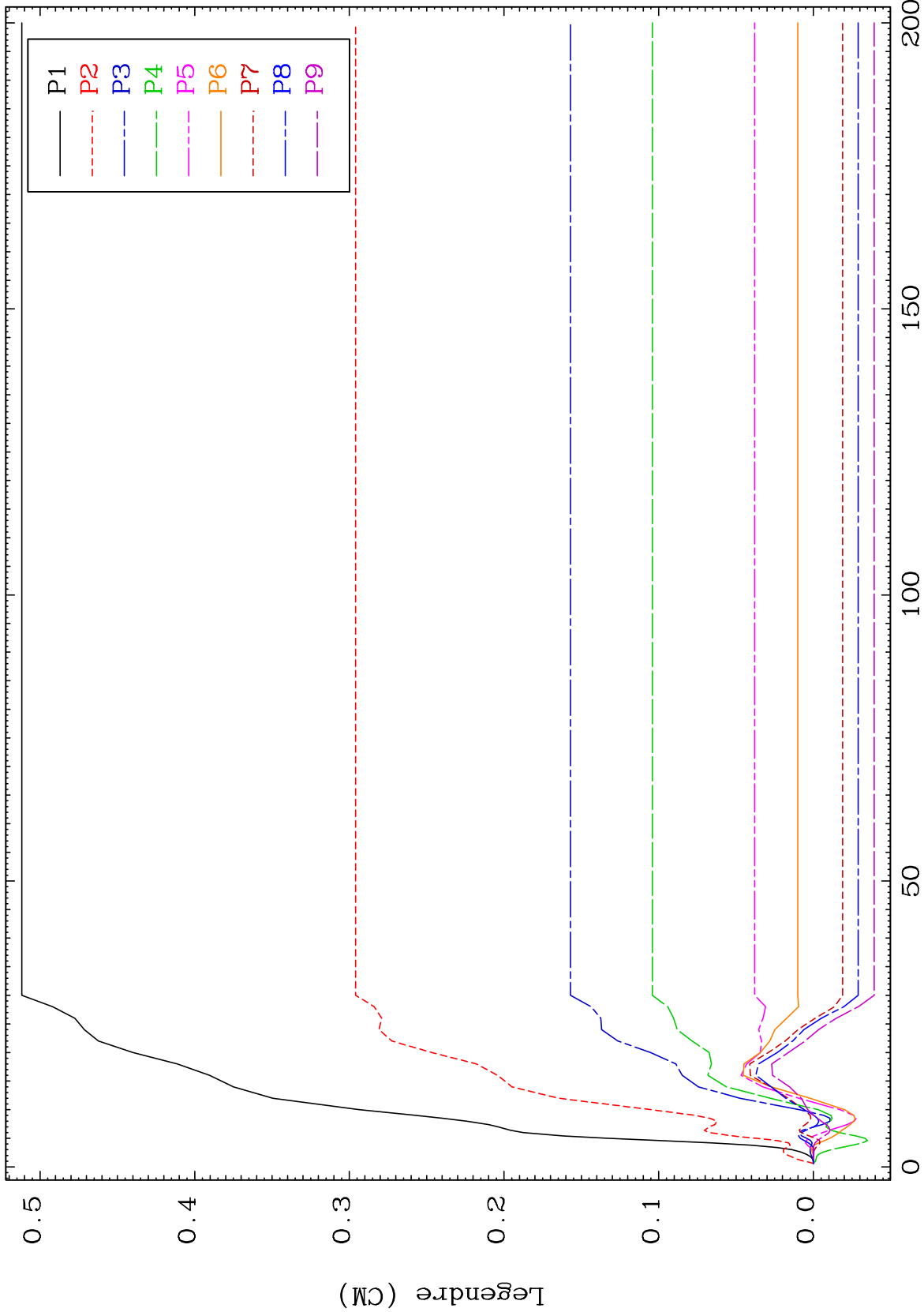
63-Eu-149

MAT 6319

MT= 55 (n,n') Level

63-Eu-149

Legendre Coefficients



36

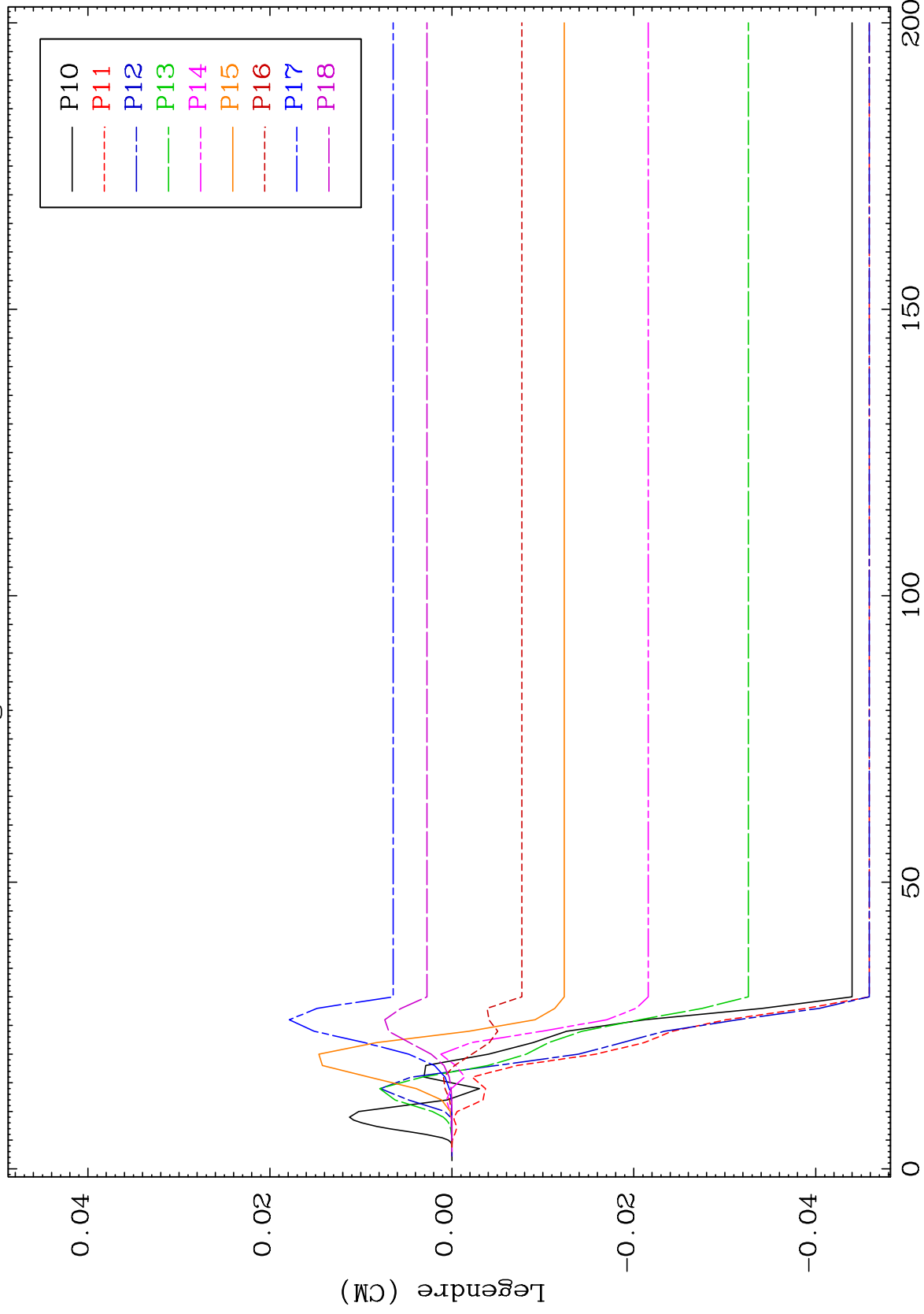
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

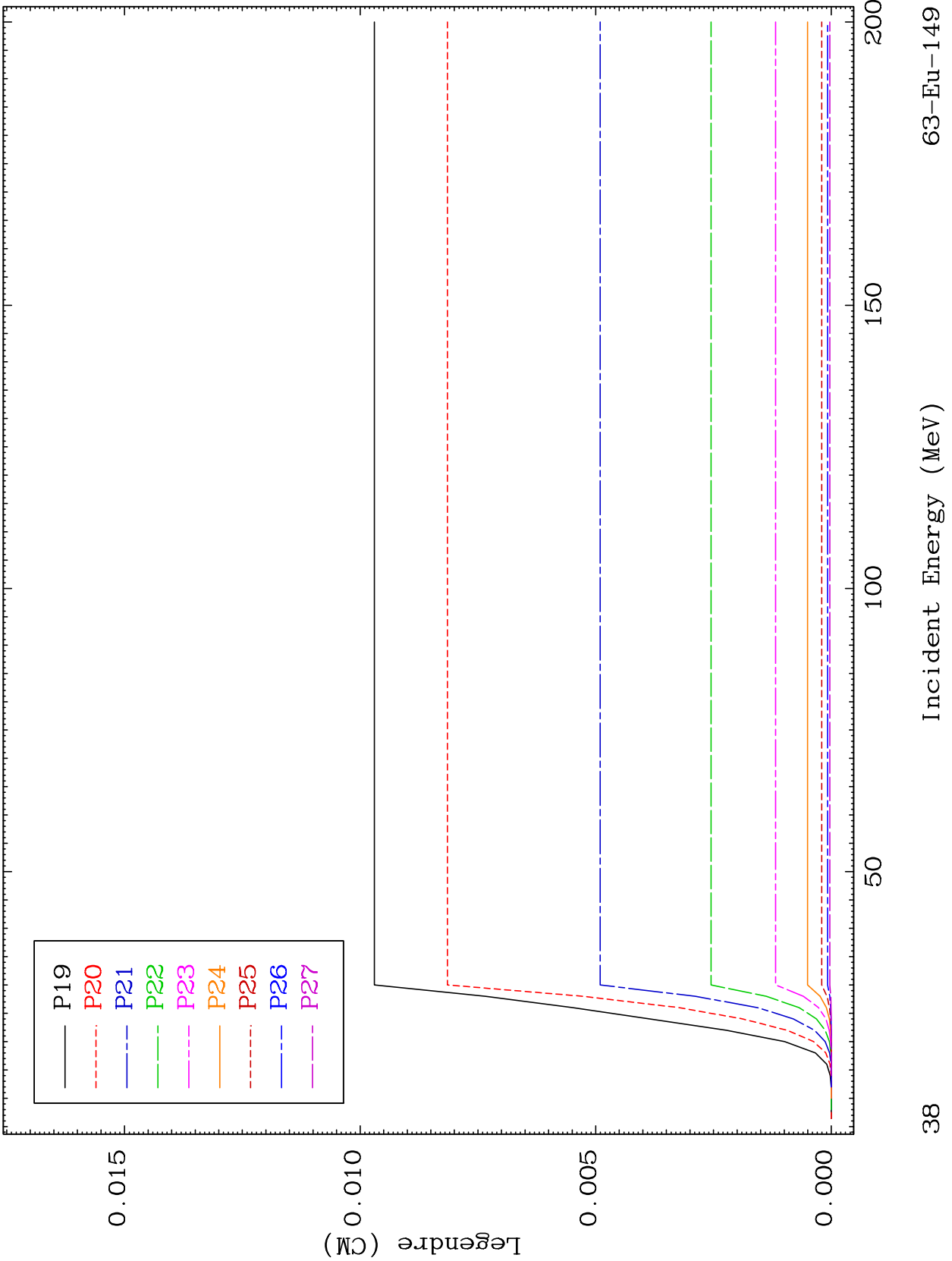
63-Eu-149



37

Incident Energy (MeV)

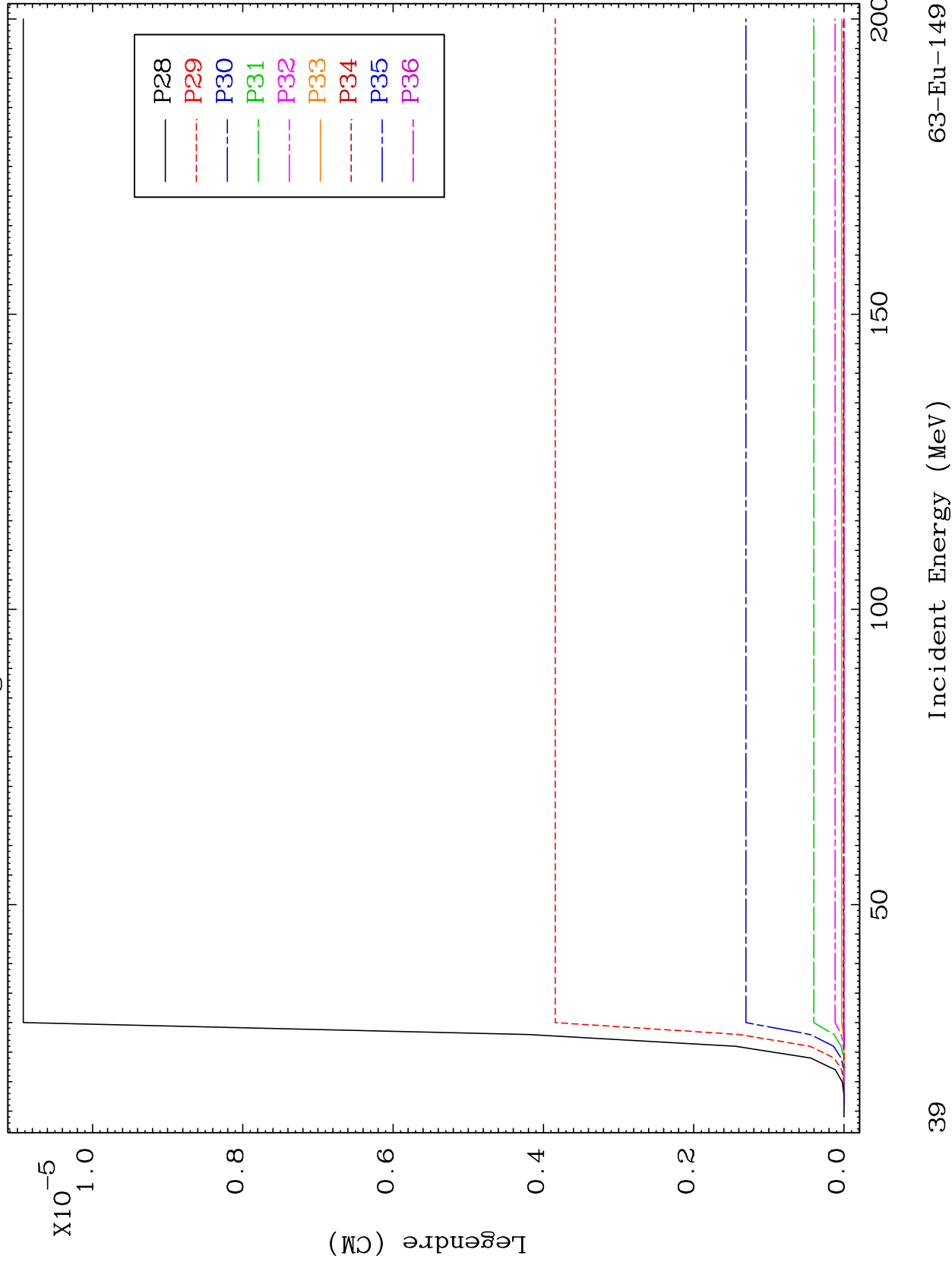
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MAT 6319

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

63-Eu-149



39

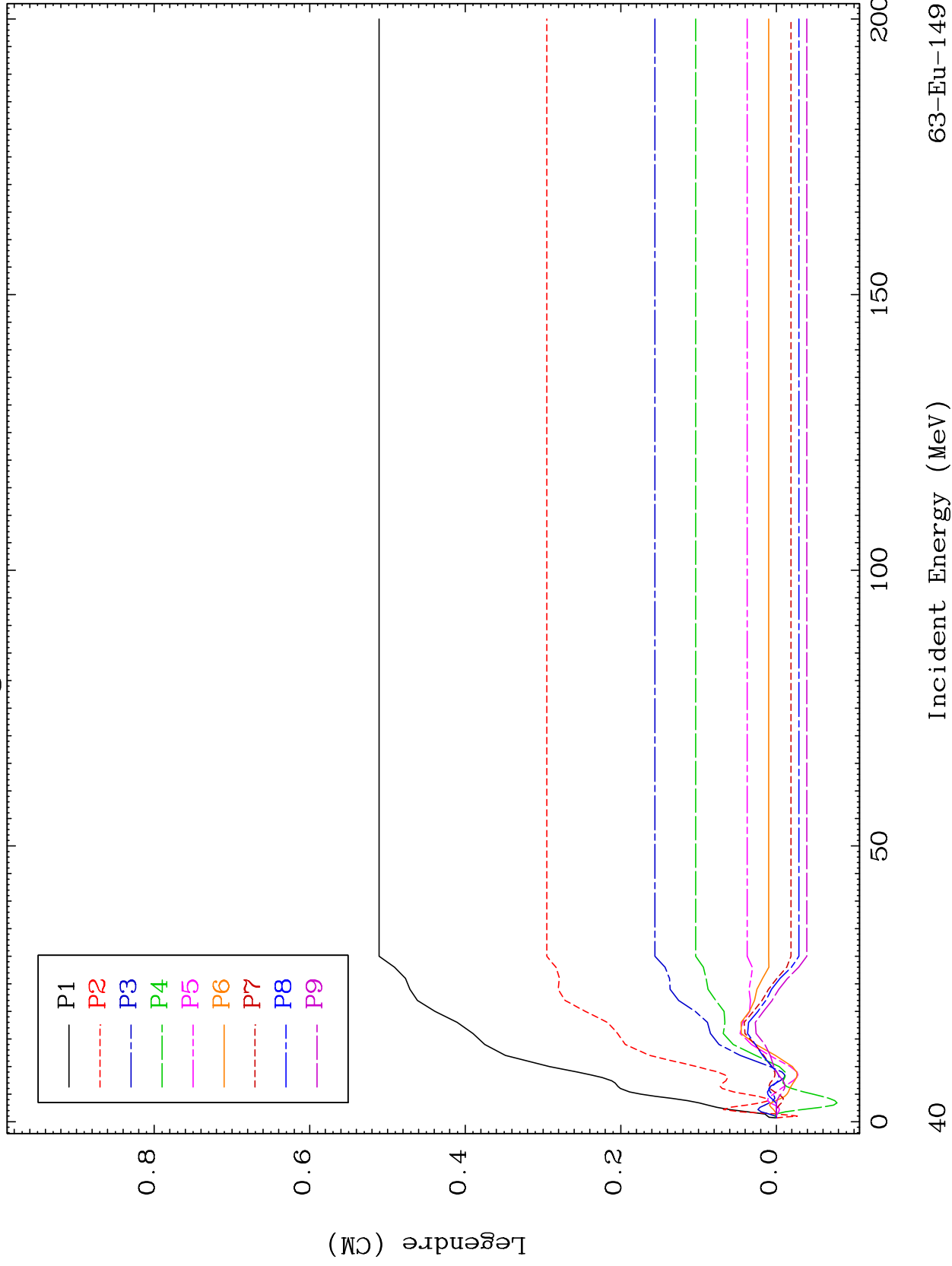
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MAT 6319

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

63-Eu-149

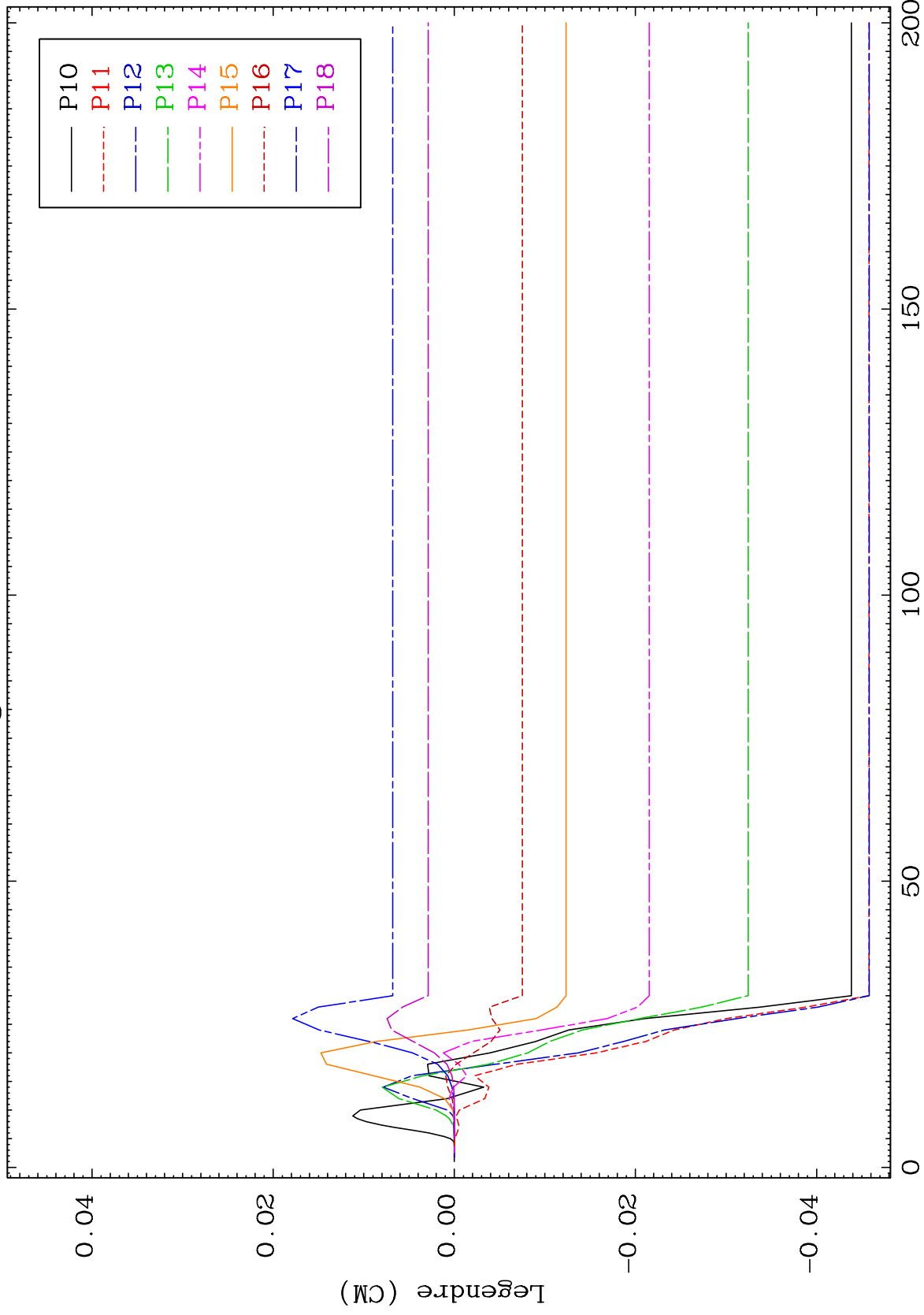


63-Eu-149

MAT 6319

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

63-Eu-149



41

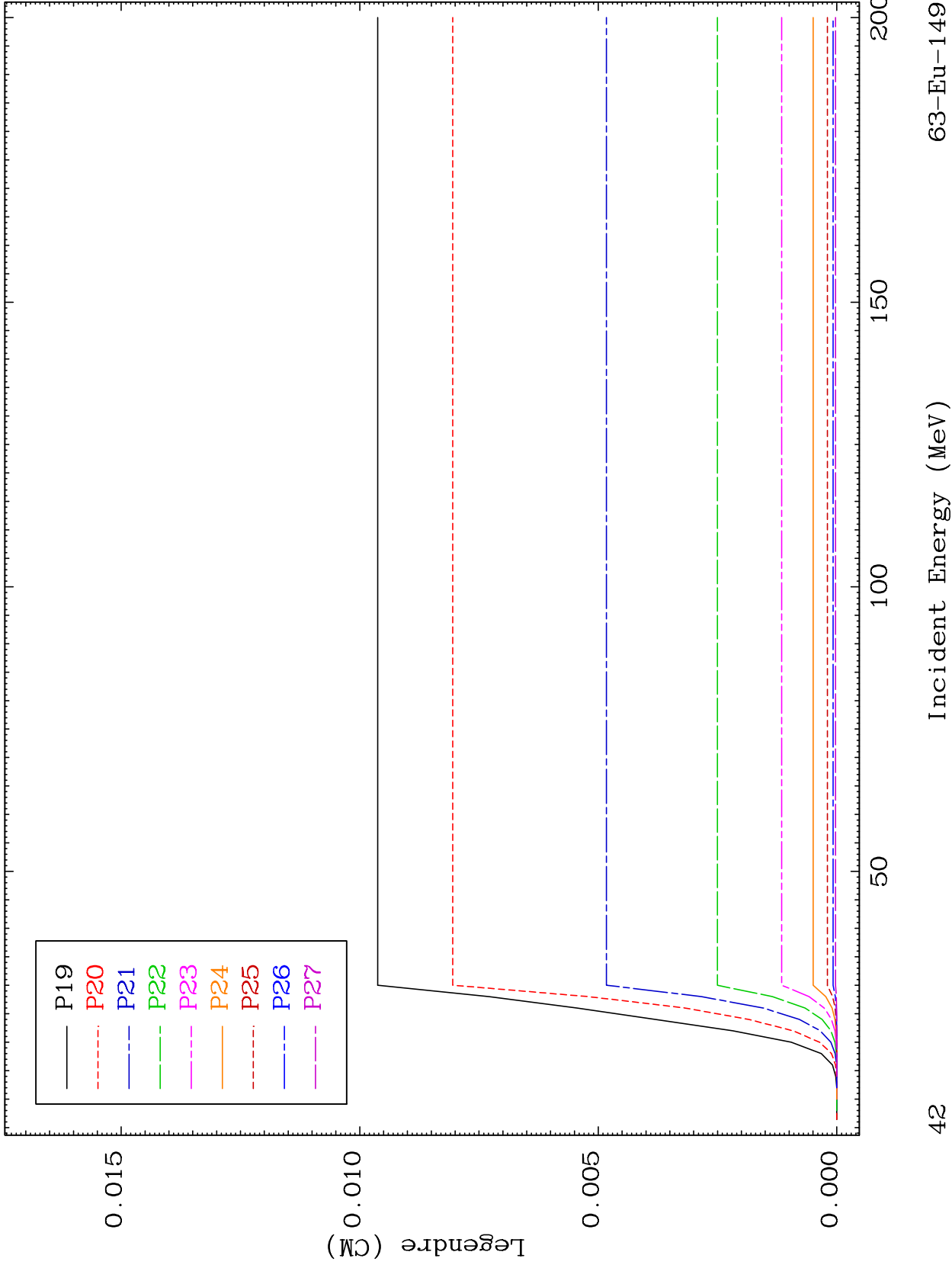
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



42

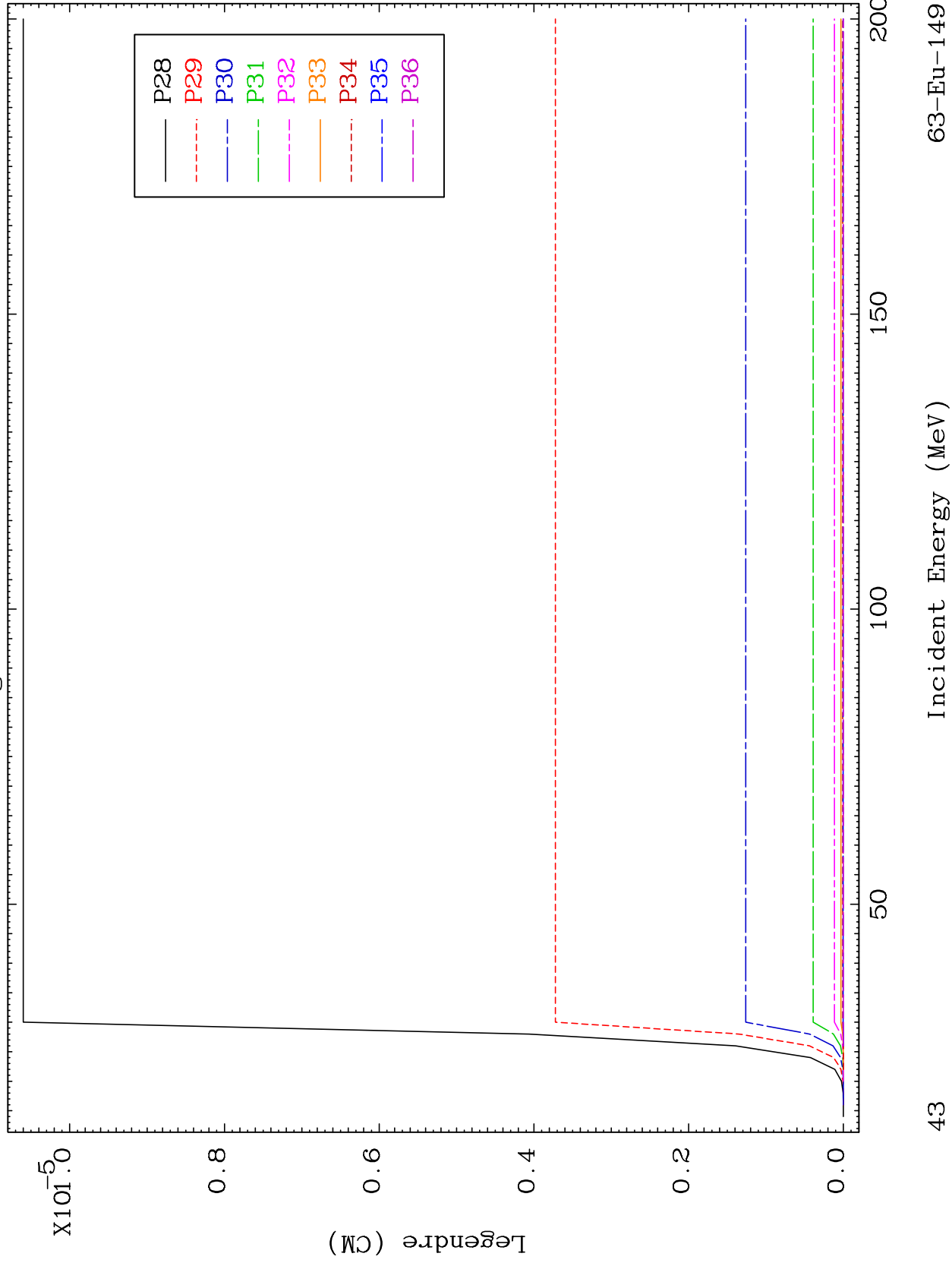
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



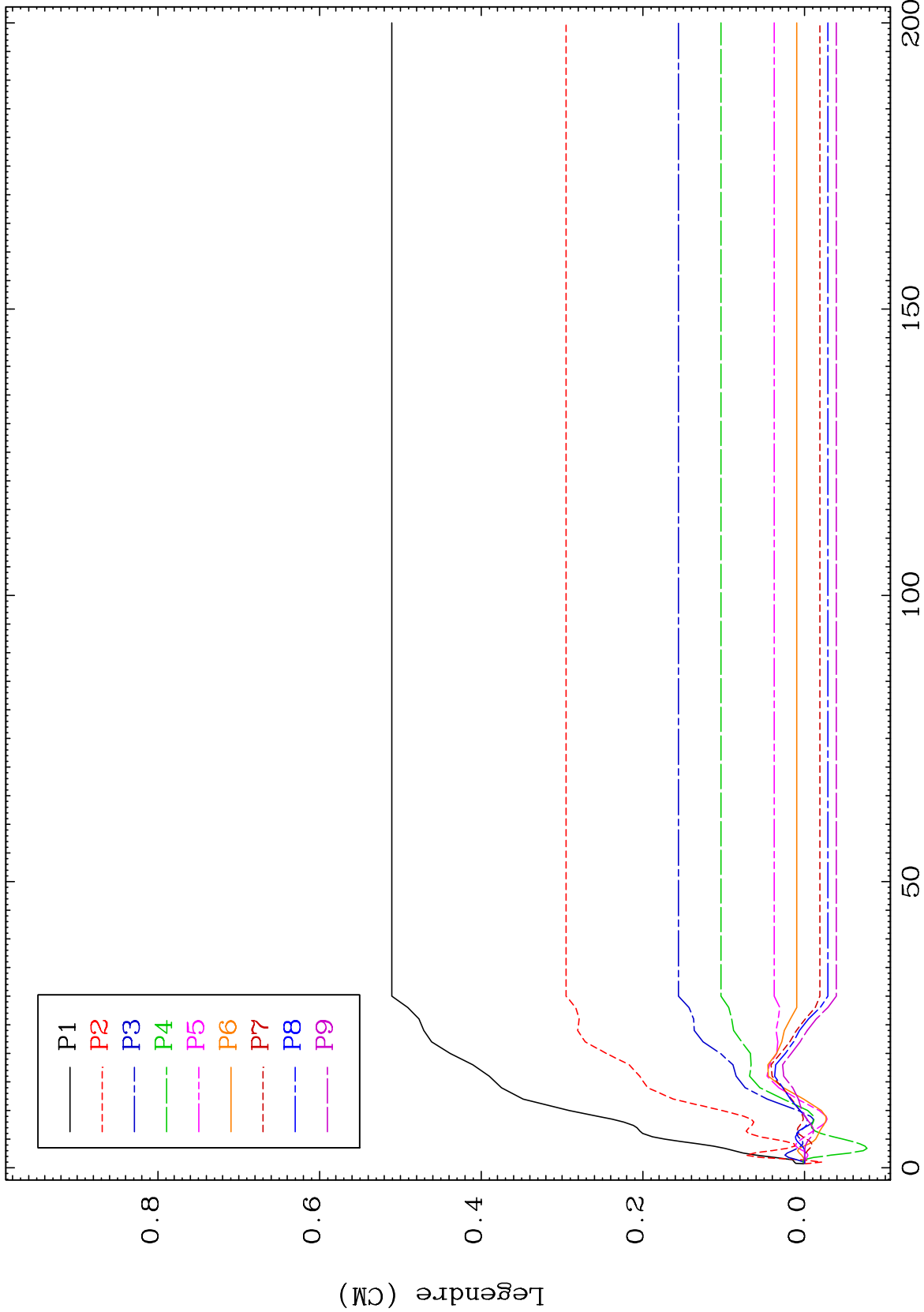
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63-Eu-149

MAT 6319

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

63-Eu-149



44

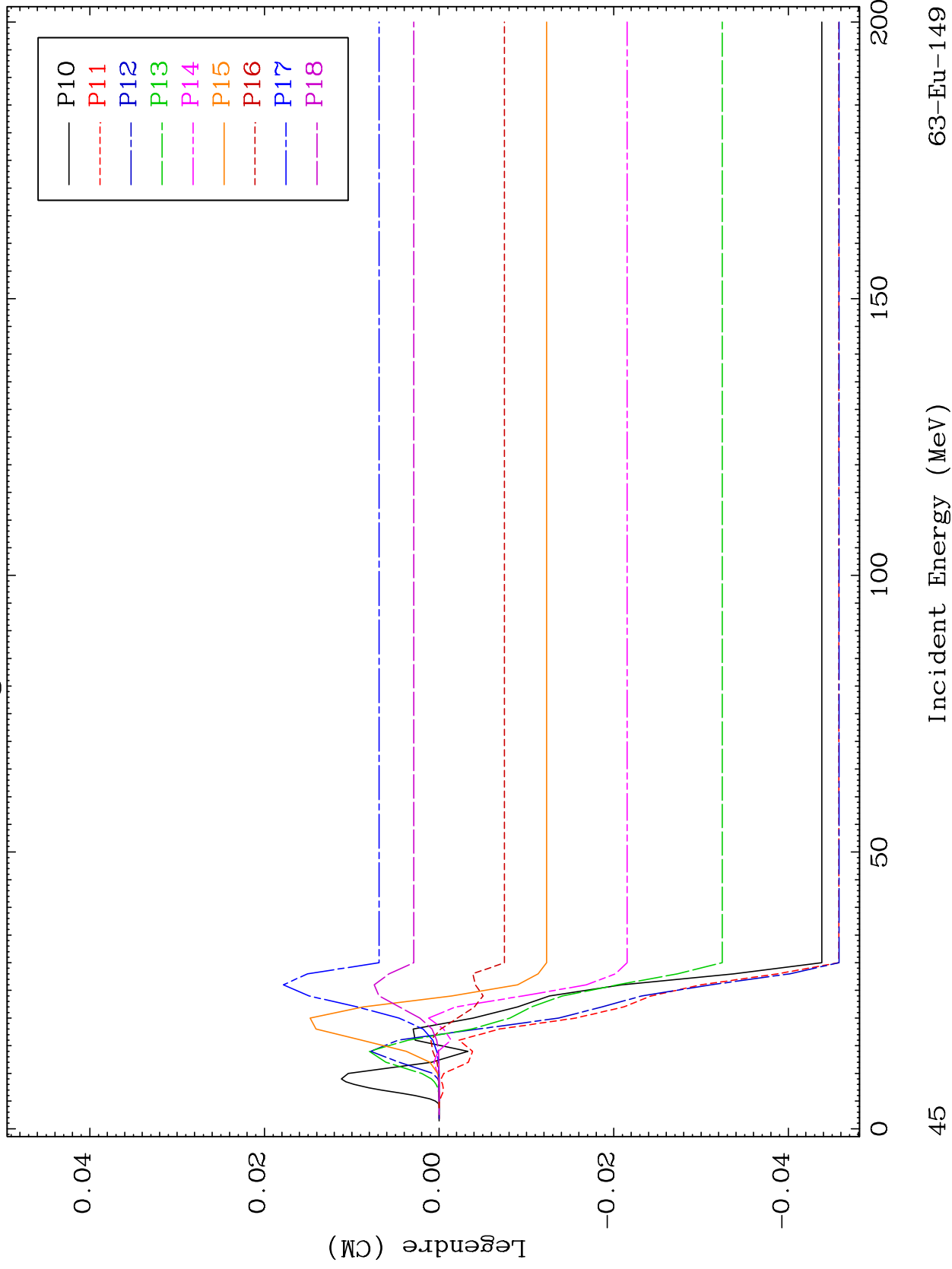
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

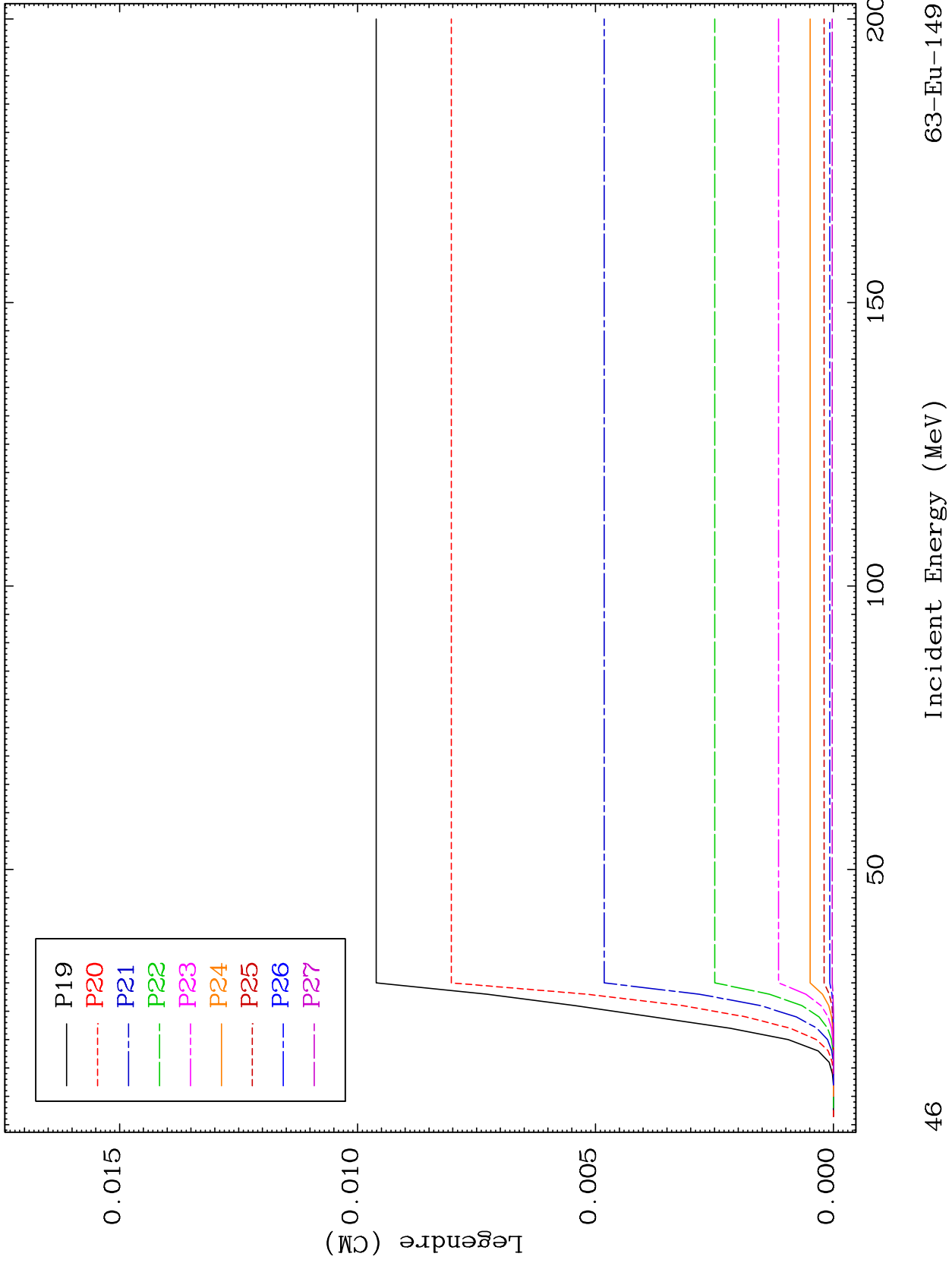
Incident Energy (MeV)

45

MAT 6319

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

63-Eu-149



46

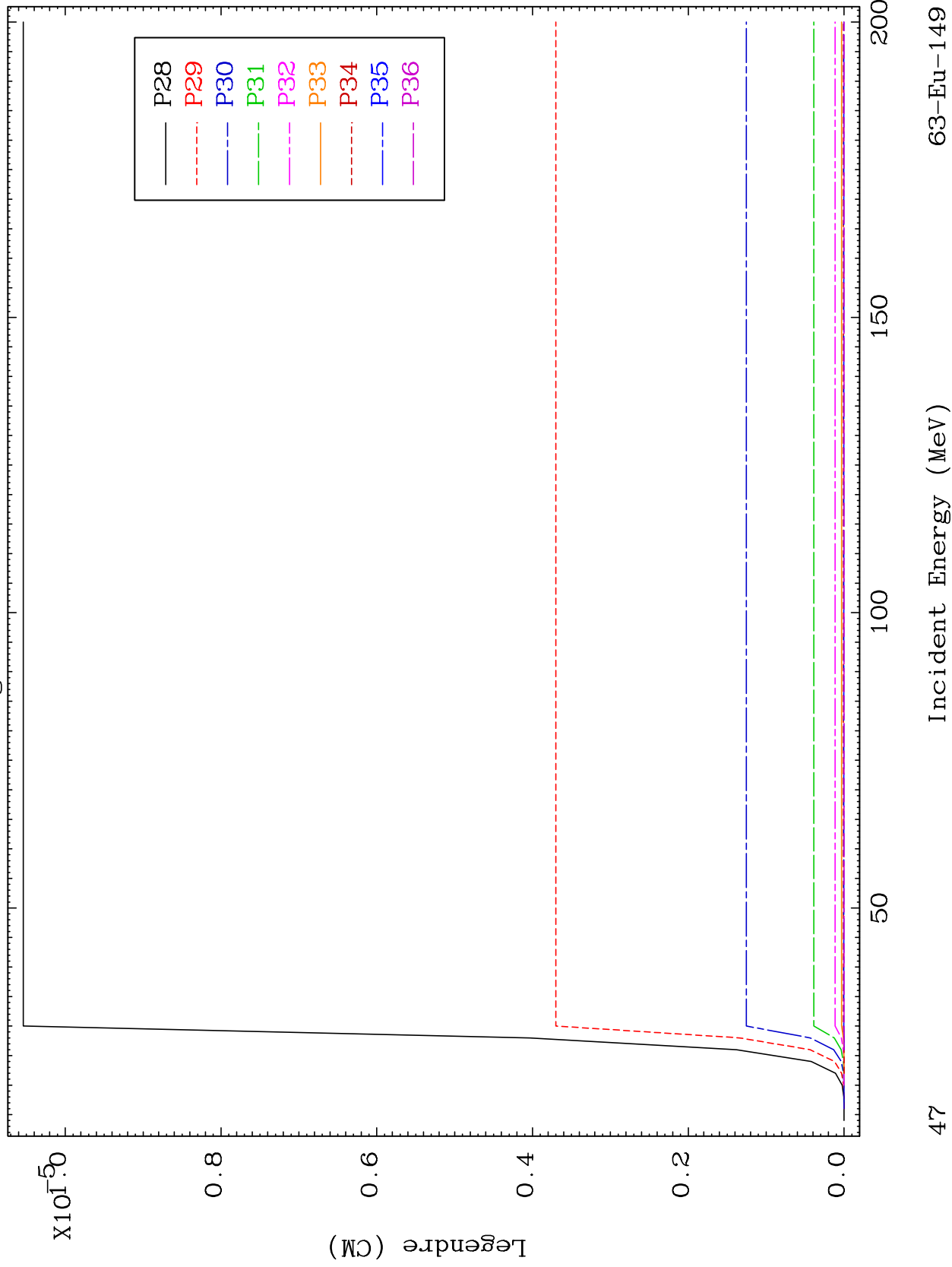
Incident Energy (MeV)

63-Eu-149

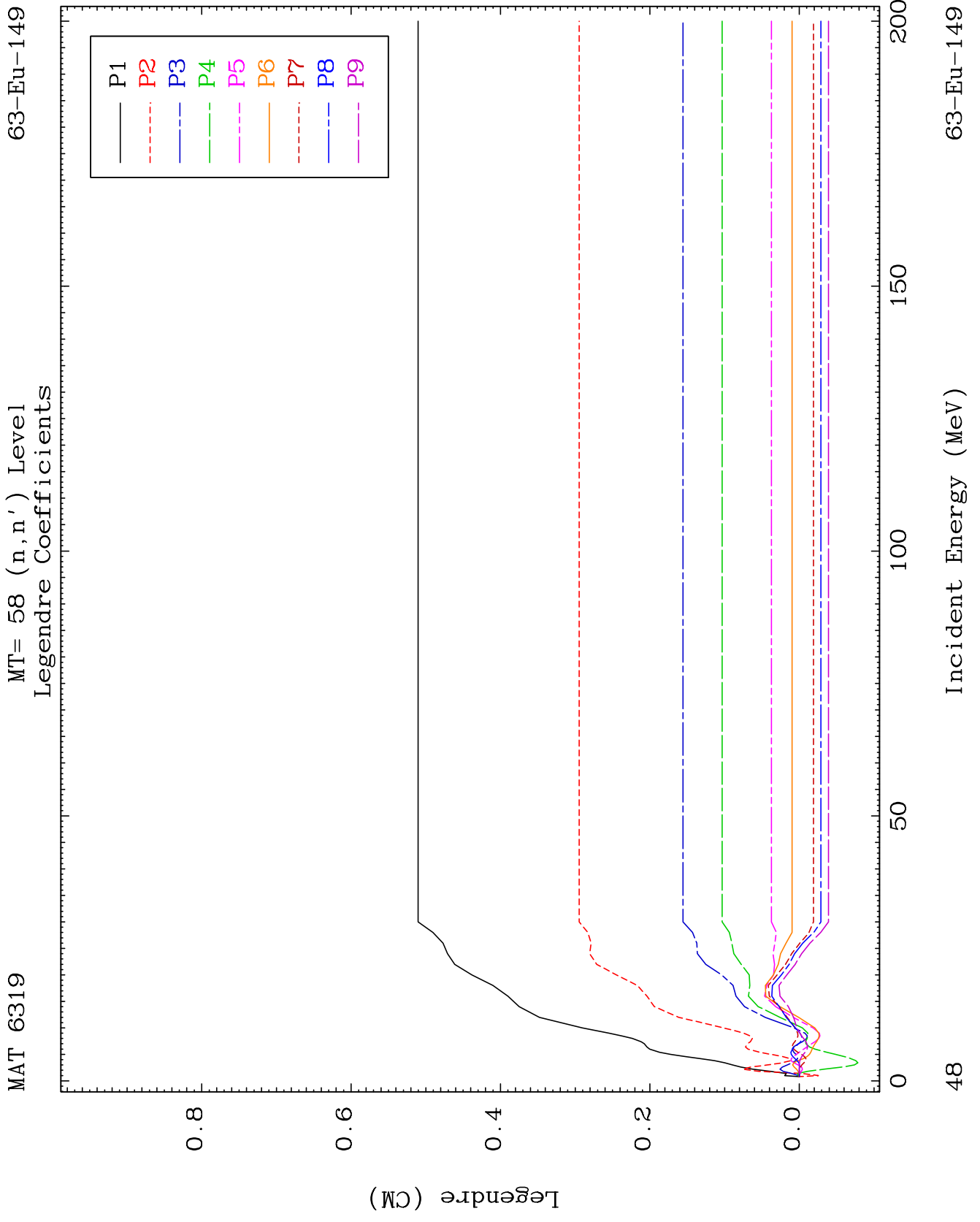
MAT 6319

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

63-Eu-149



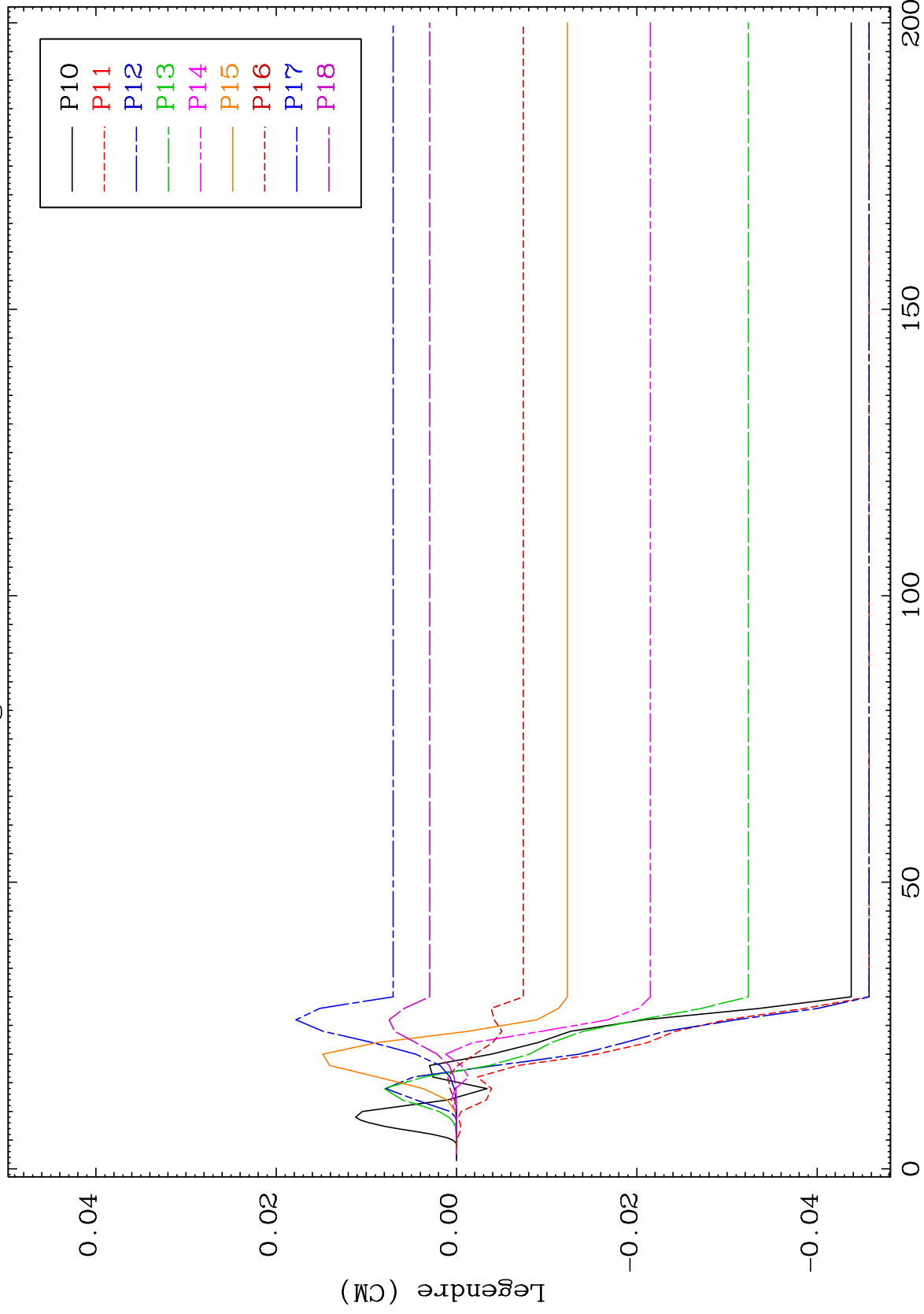




MAT 6319

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

63-Eu-149



49

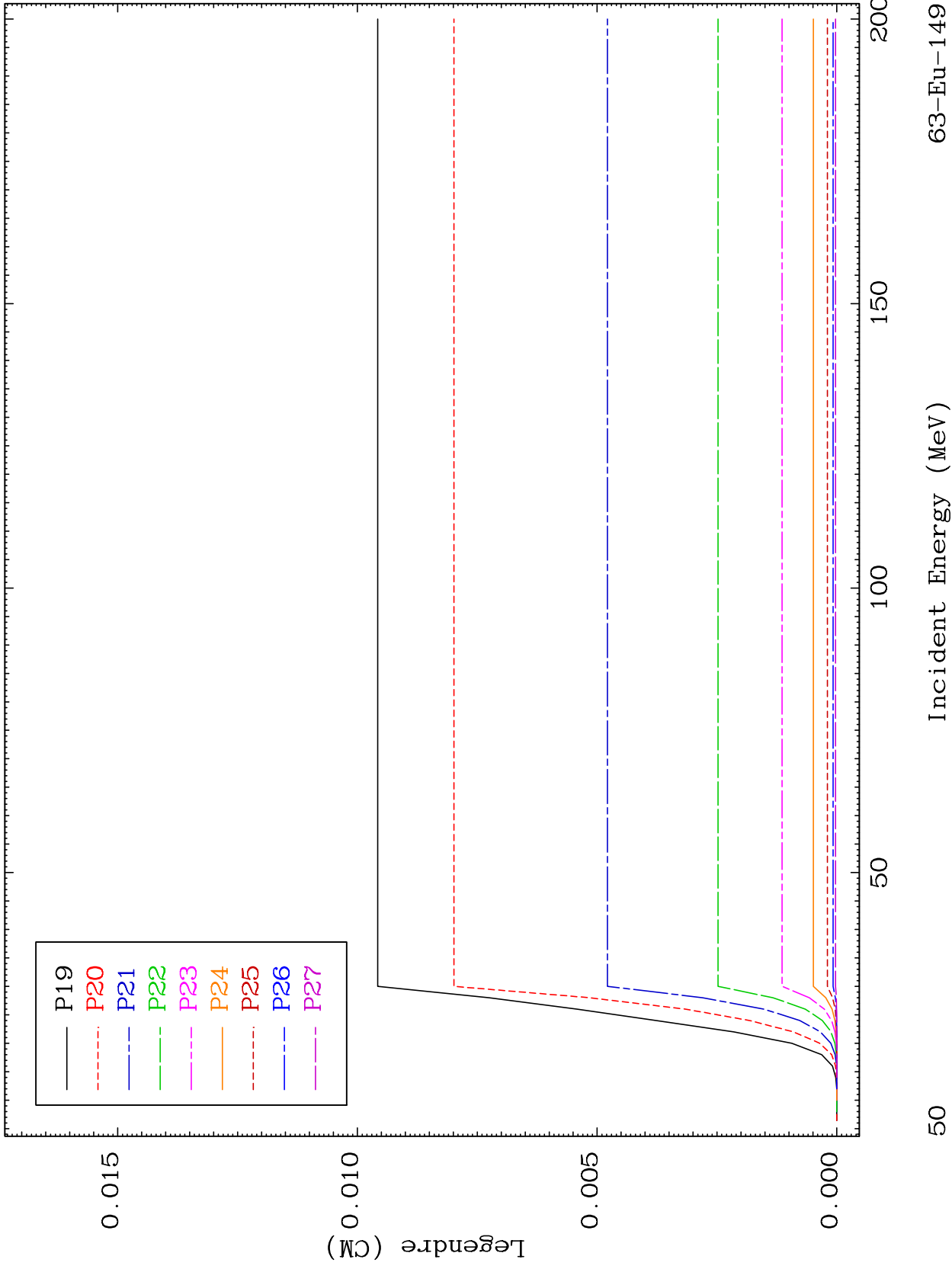
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

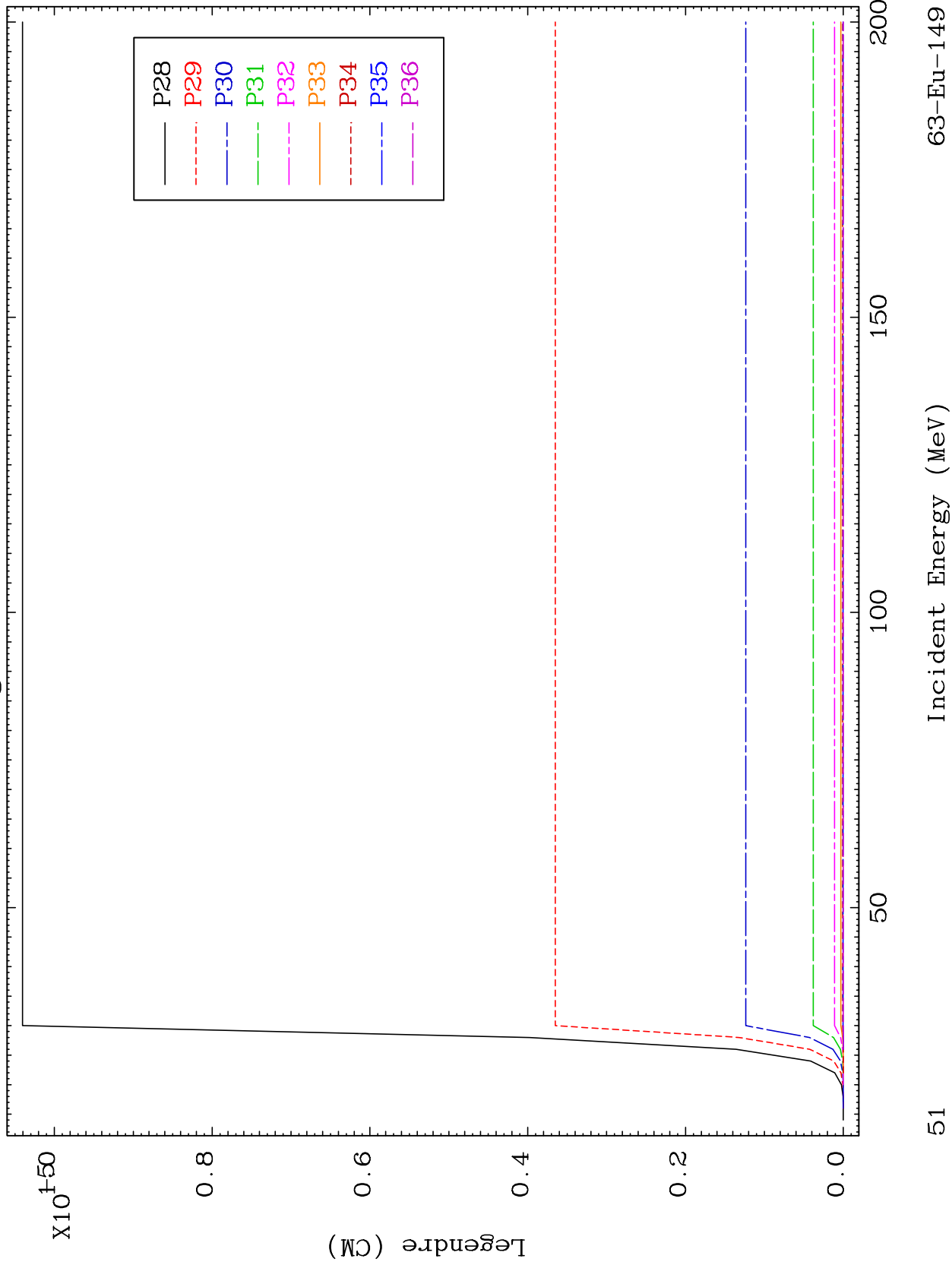
Incident Energy (MeV)

50

MAT 6319

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

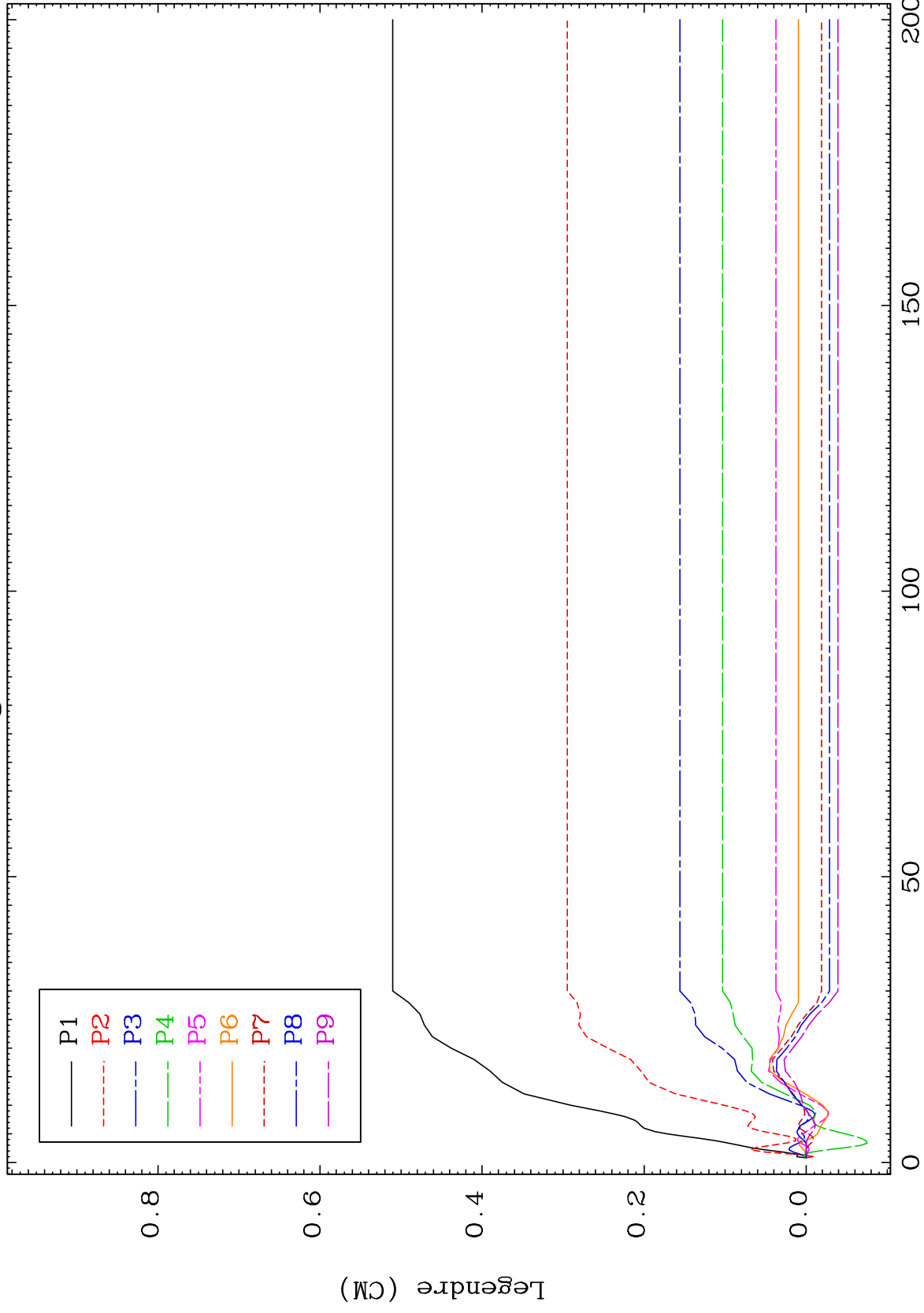
63-Eu-149



MAT 6319

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

63-Eu-149



52

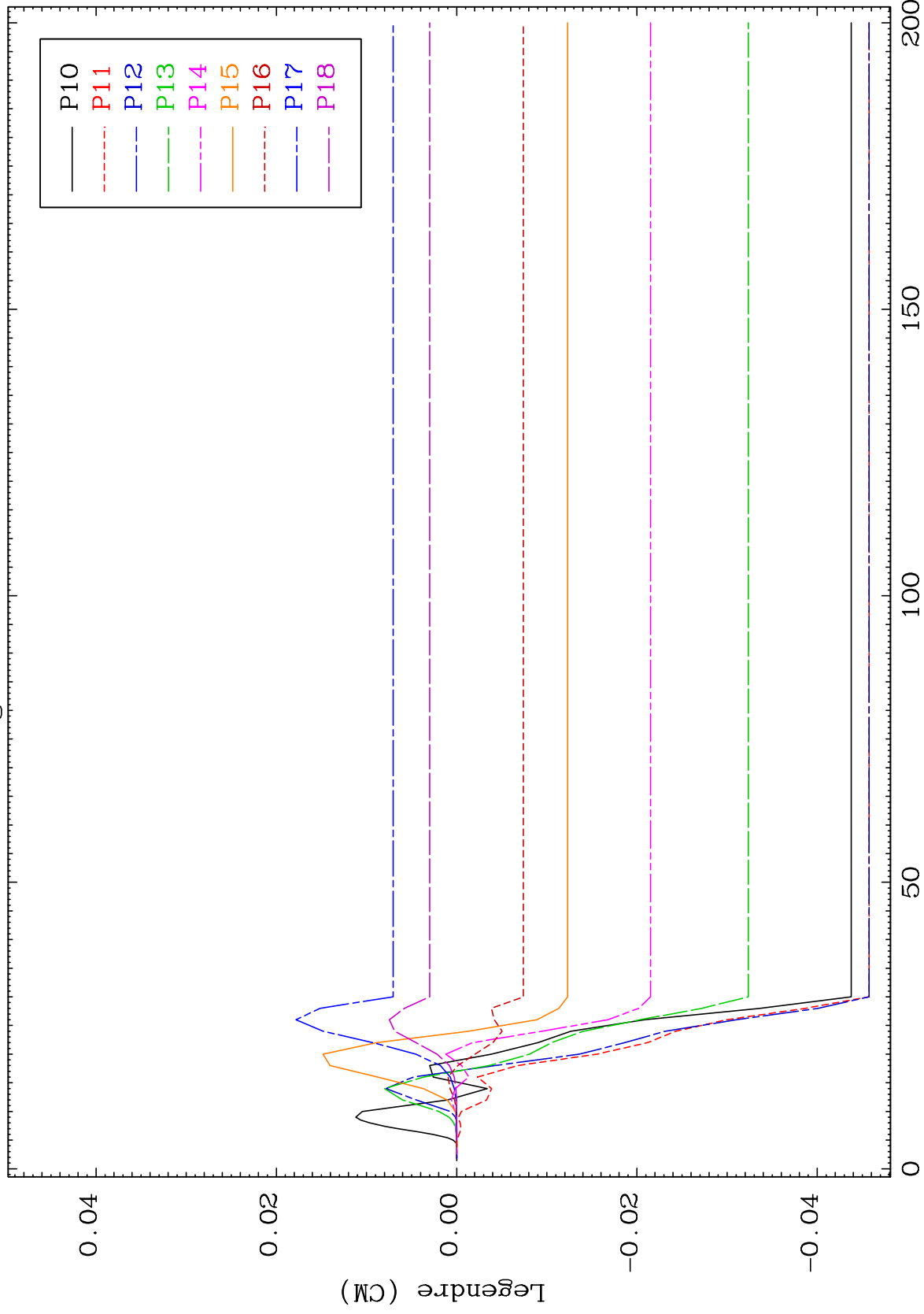
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

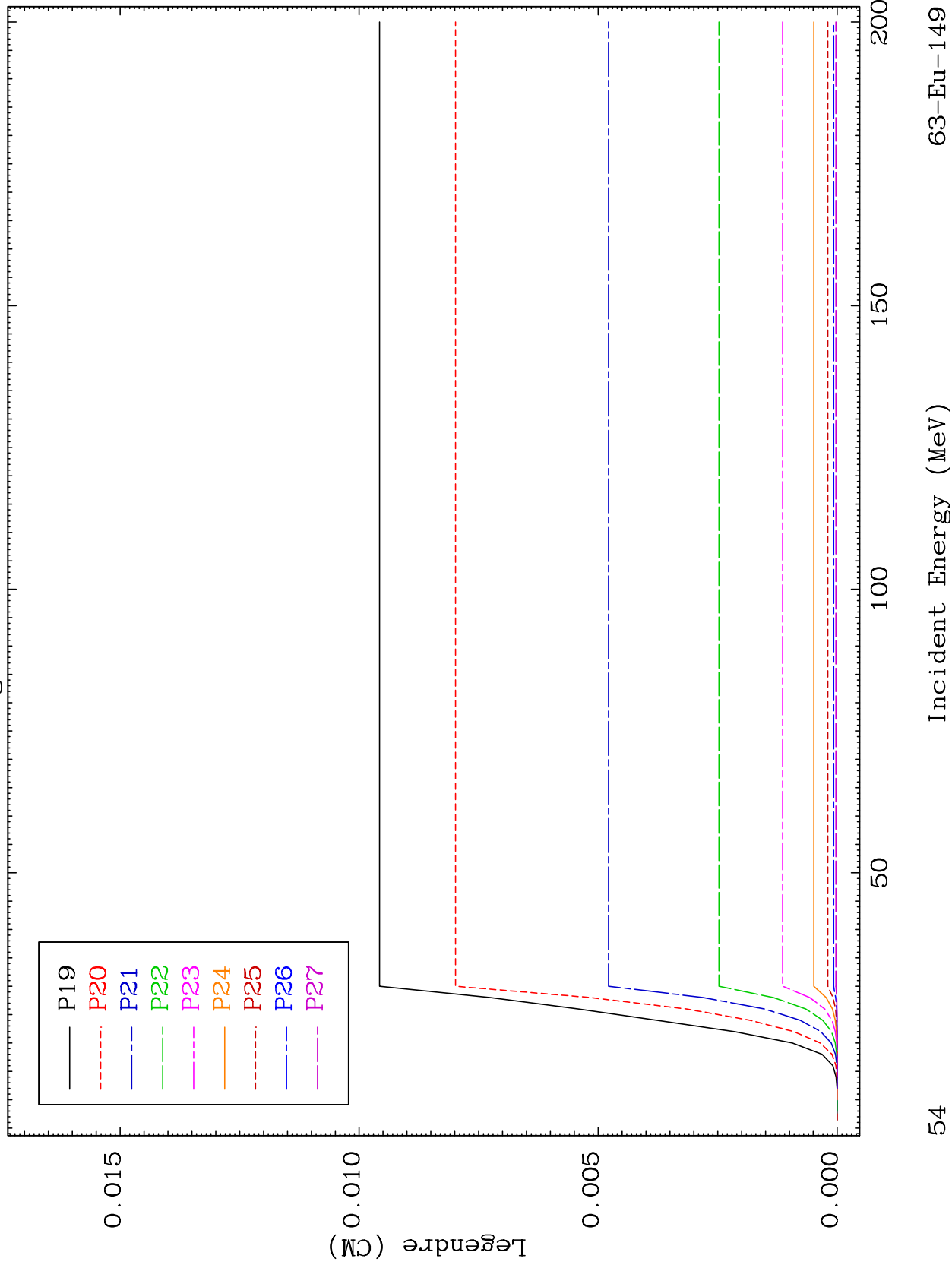
63-Eu-149



53

Incident Energy (MeV)

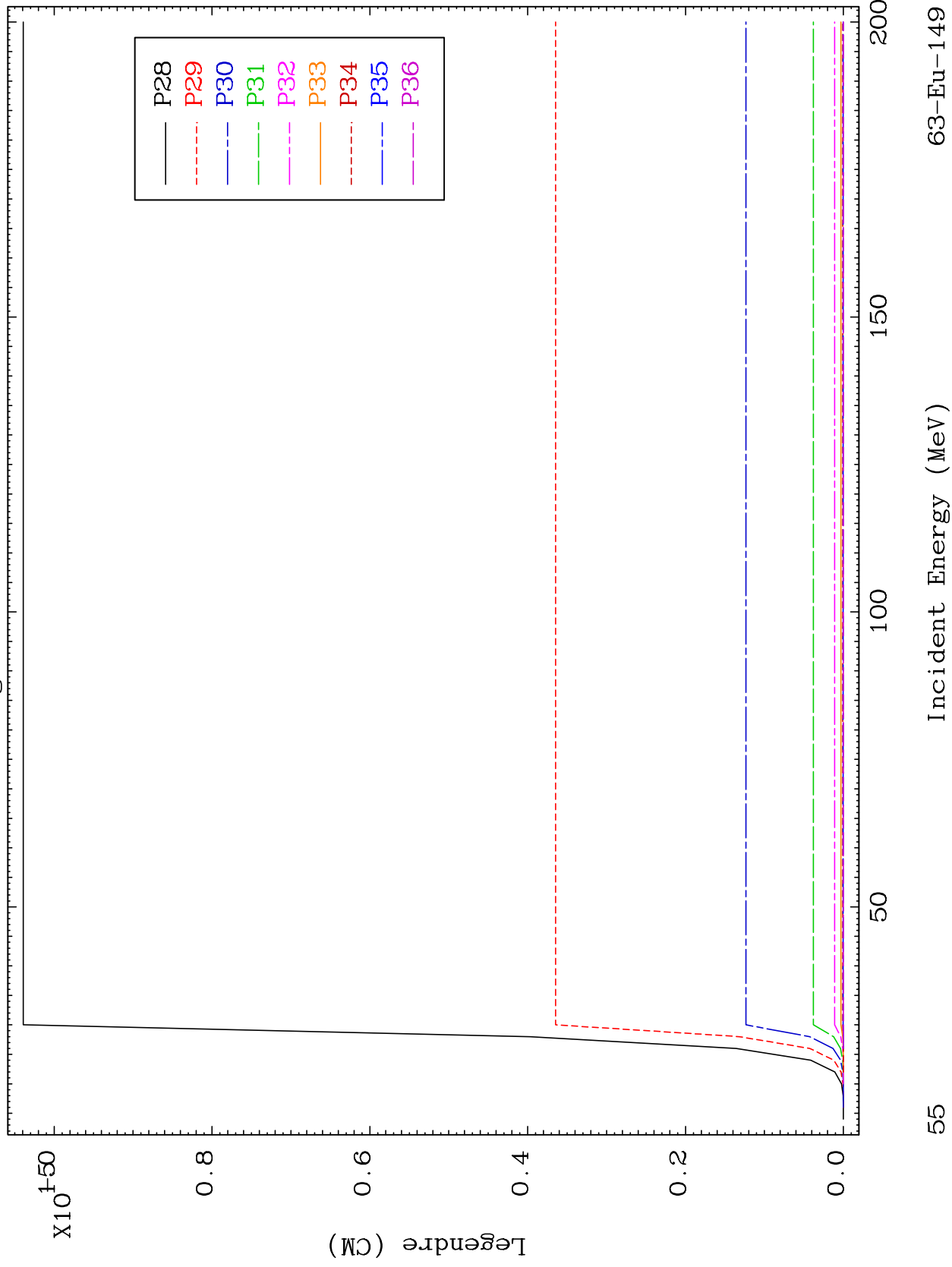
63-Eu-149



MAT 6319

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

63-Eu-149



55

Incident Energy (MeV)

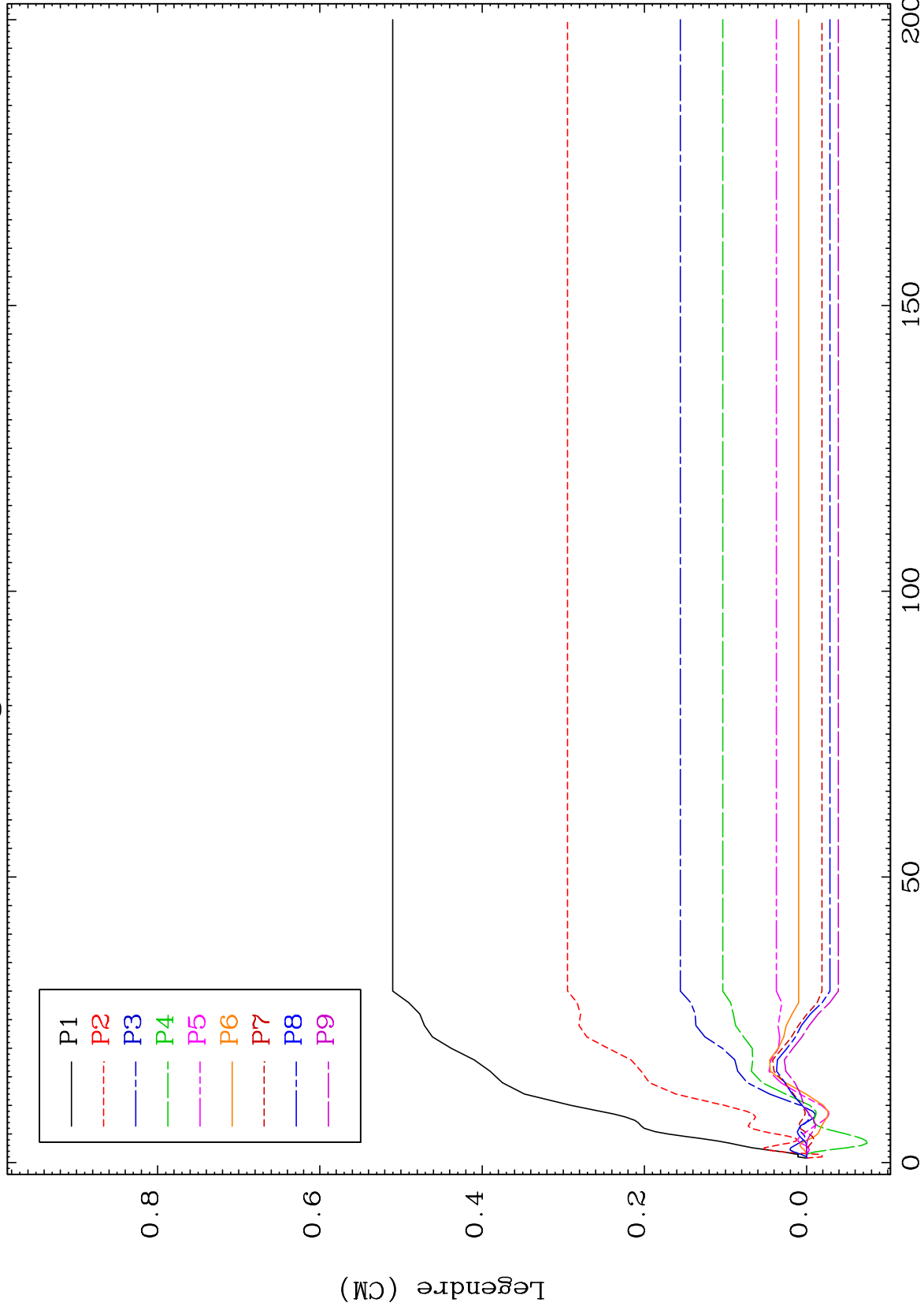
63-Eu-149



MAT 6319

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

63-Eu-149



56

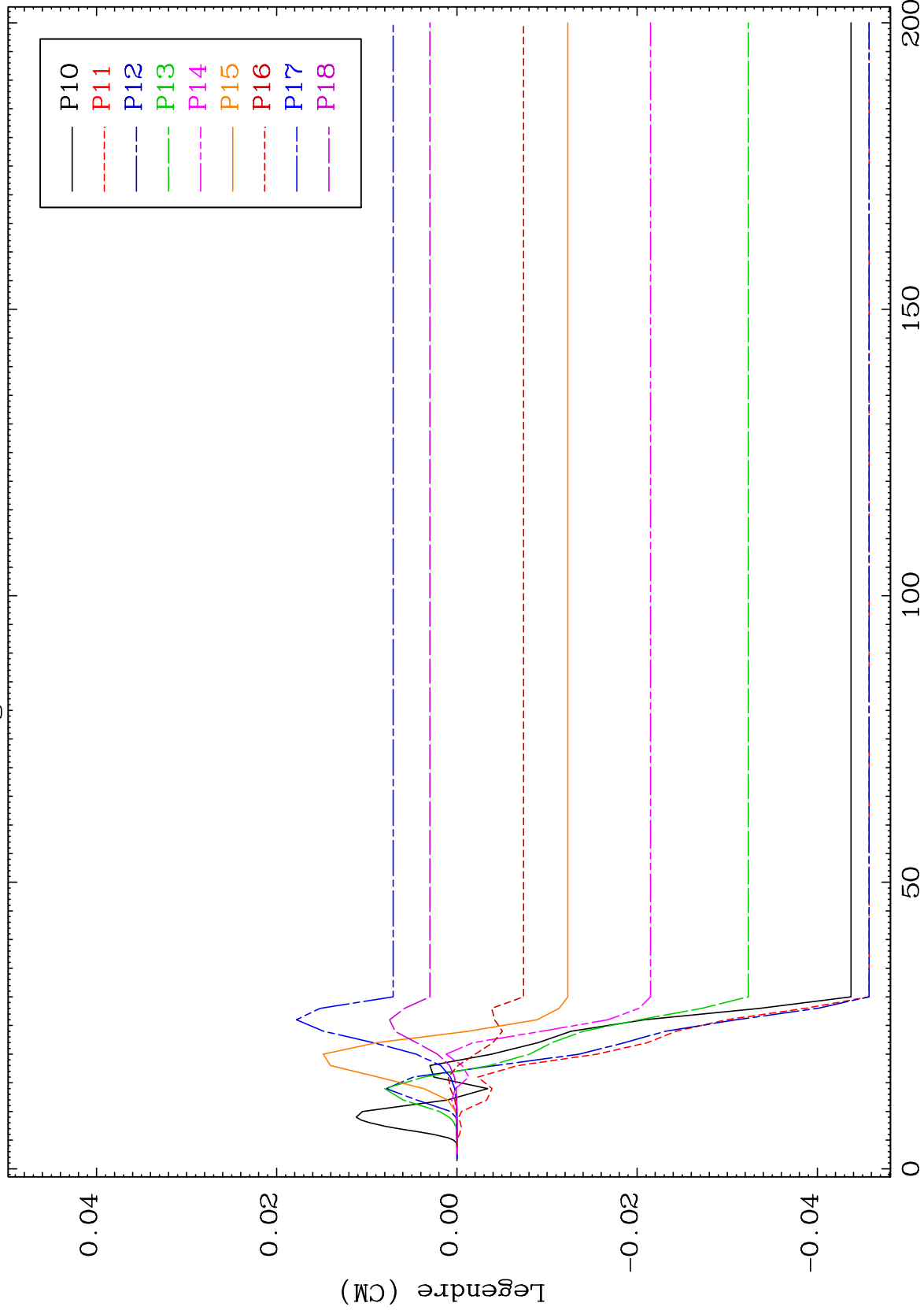
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



57

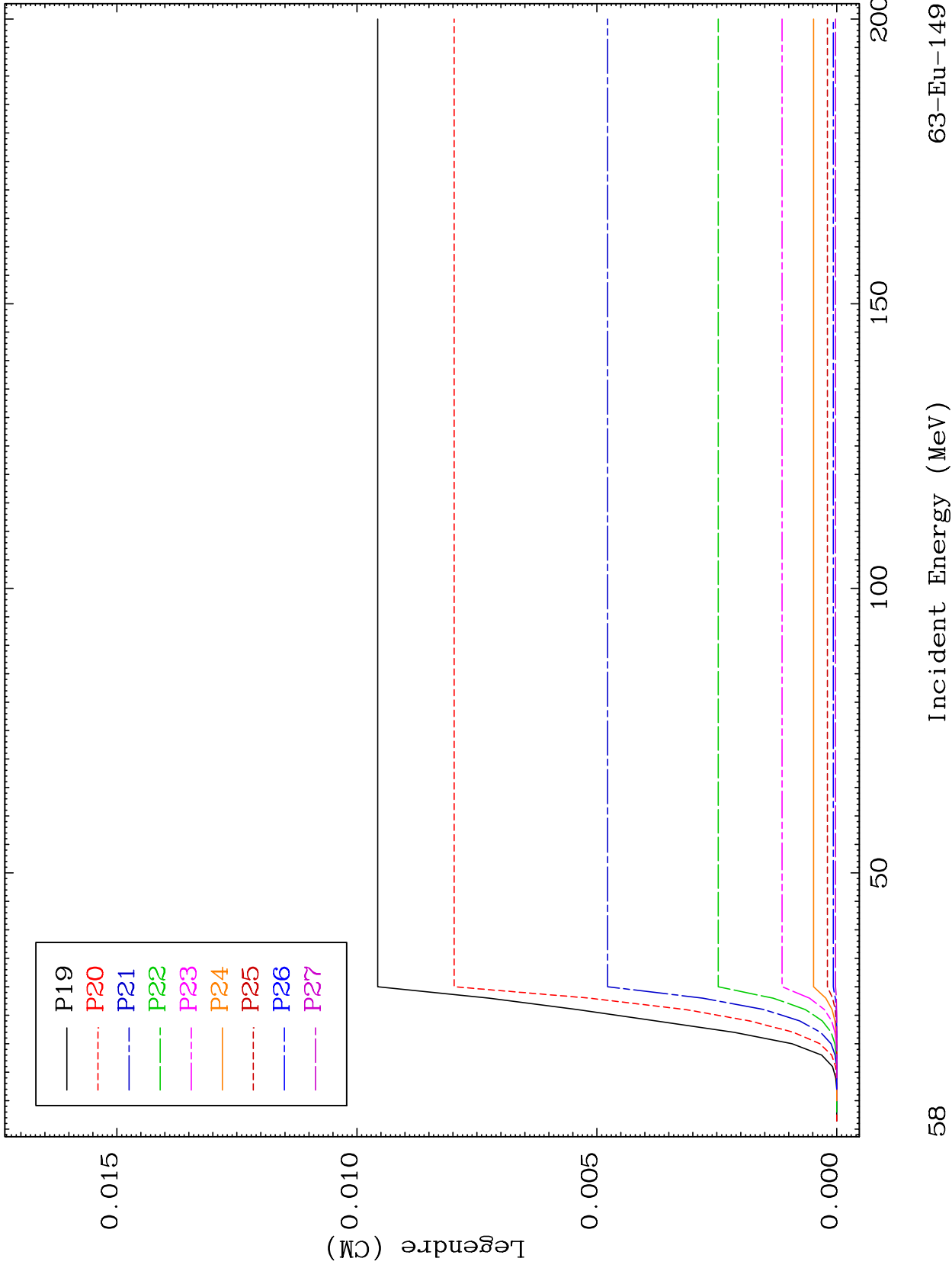
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



58

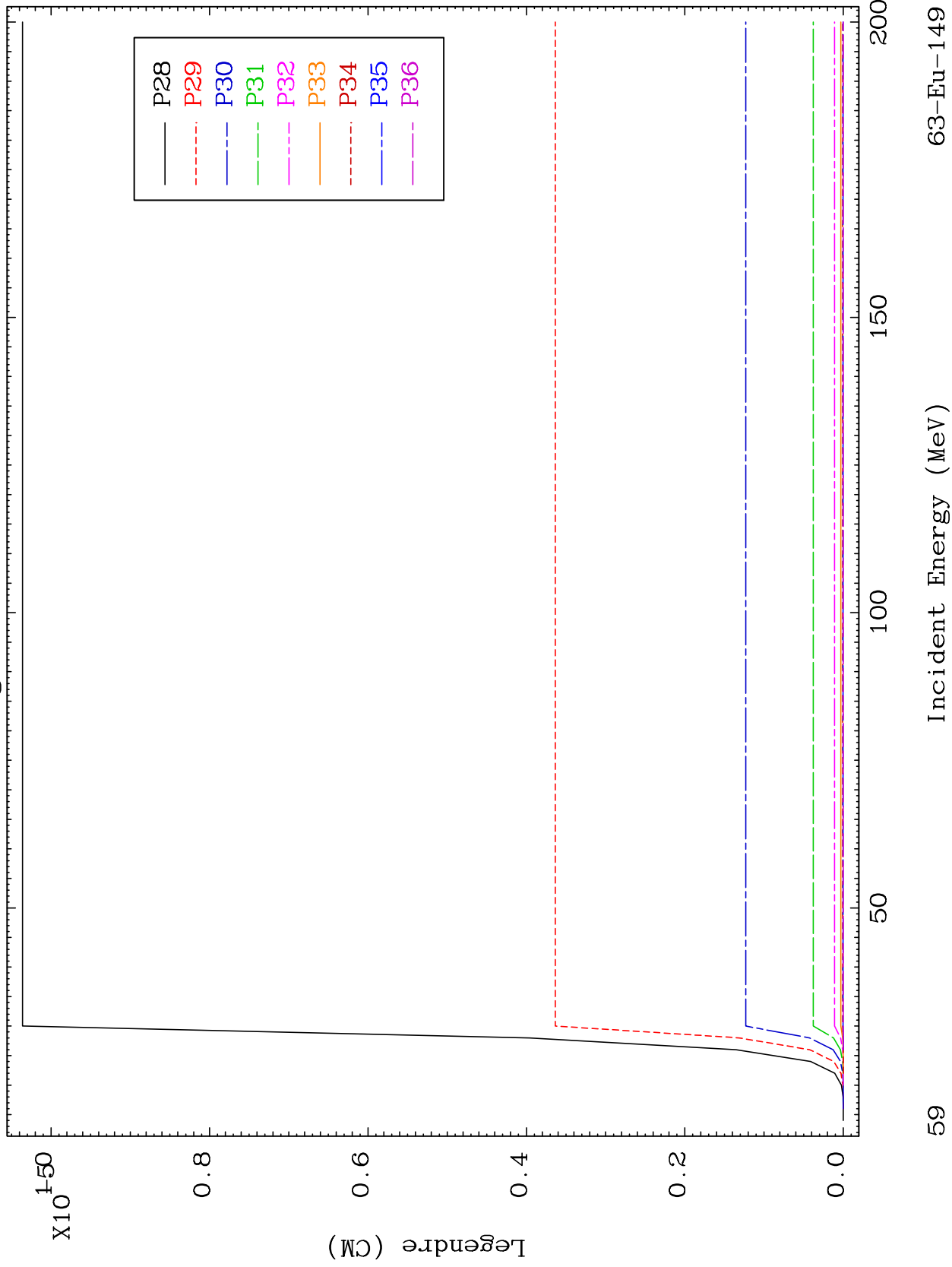
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



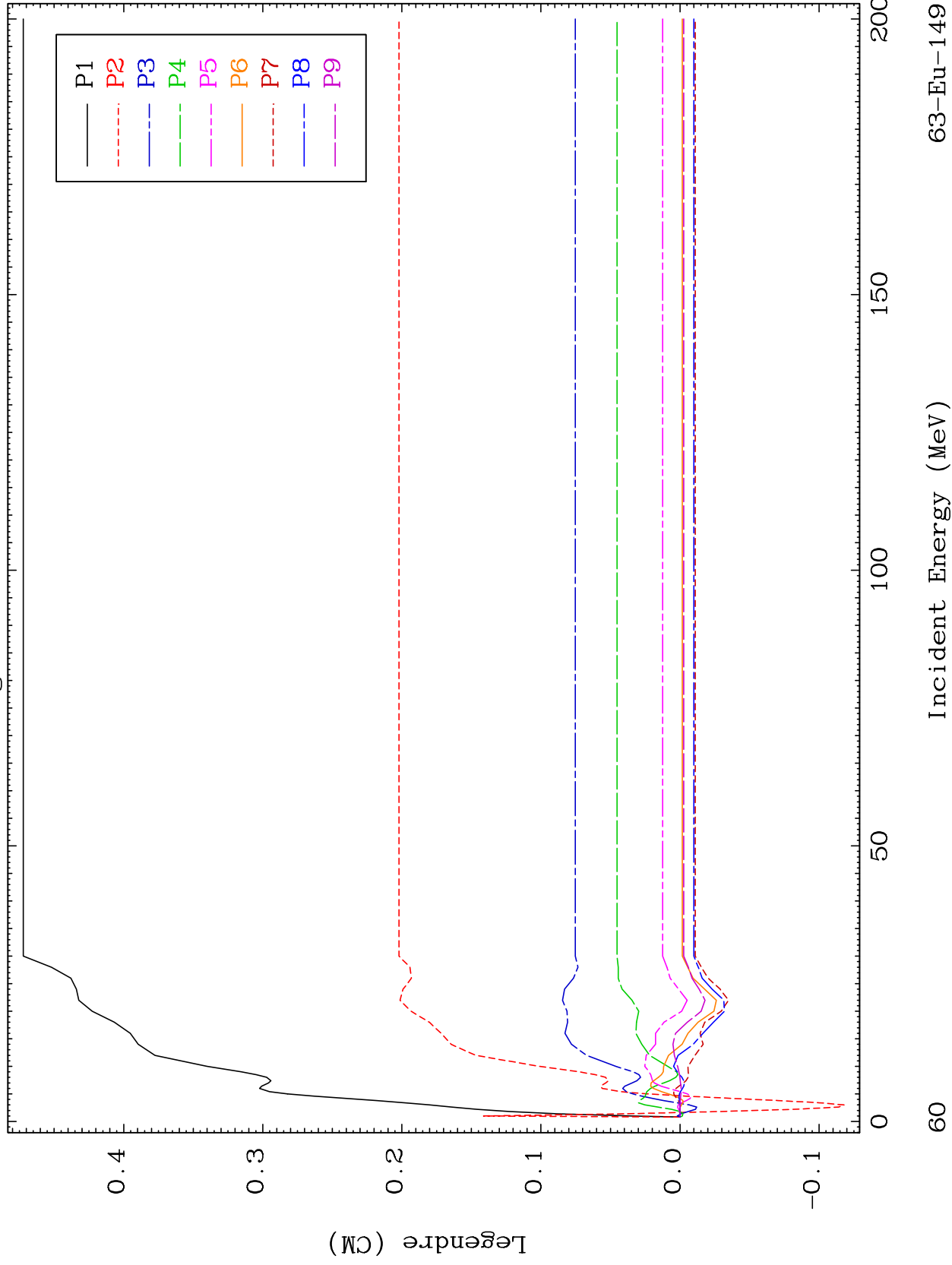
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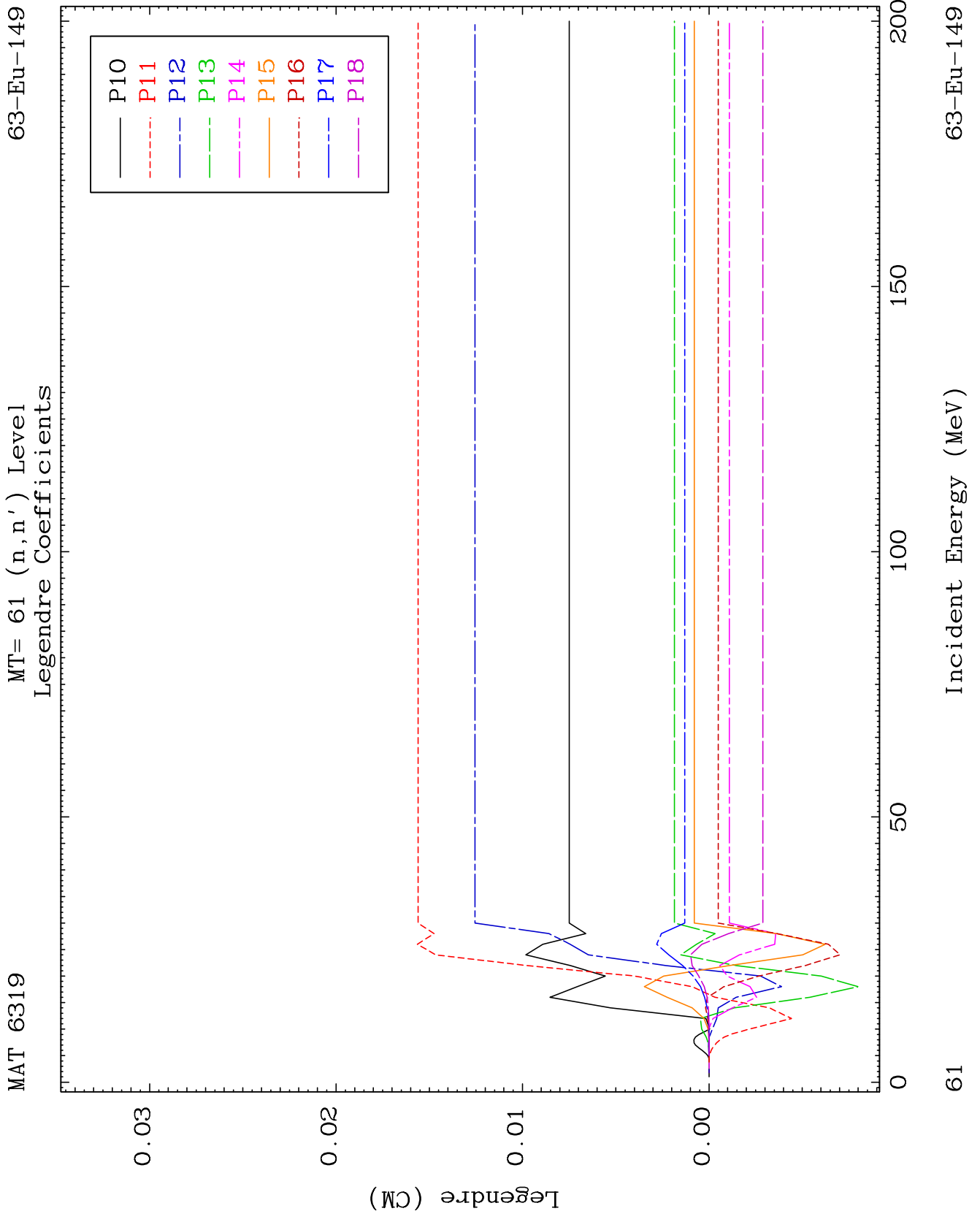
63-Eu-149

MAT 6319

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

63-Eu-149

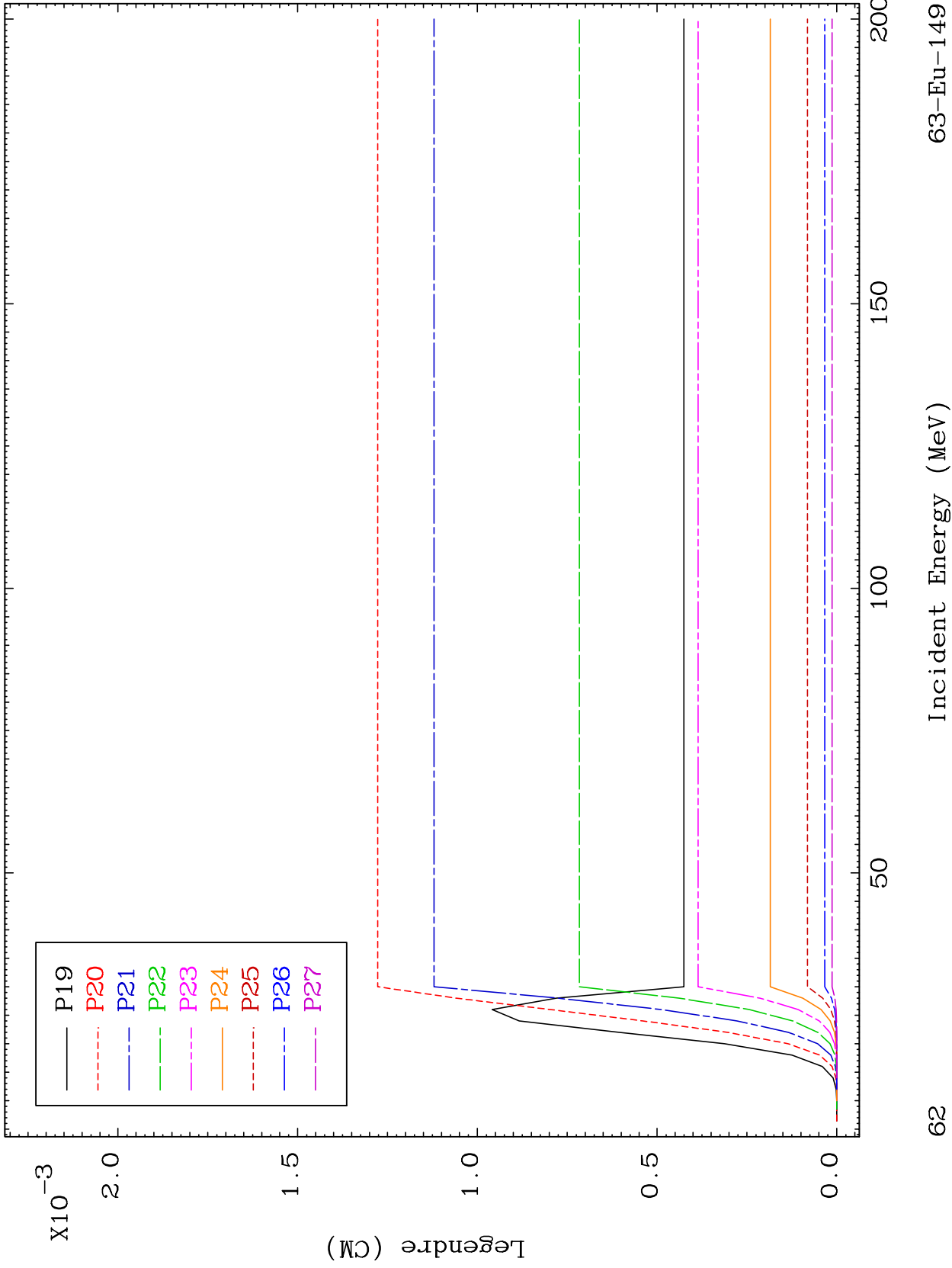




MAT 6319

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

63-Eu-149



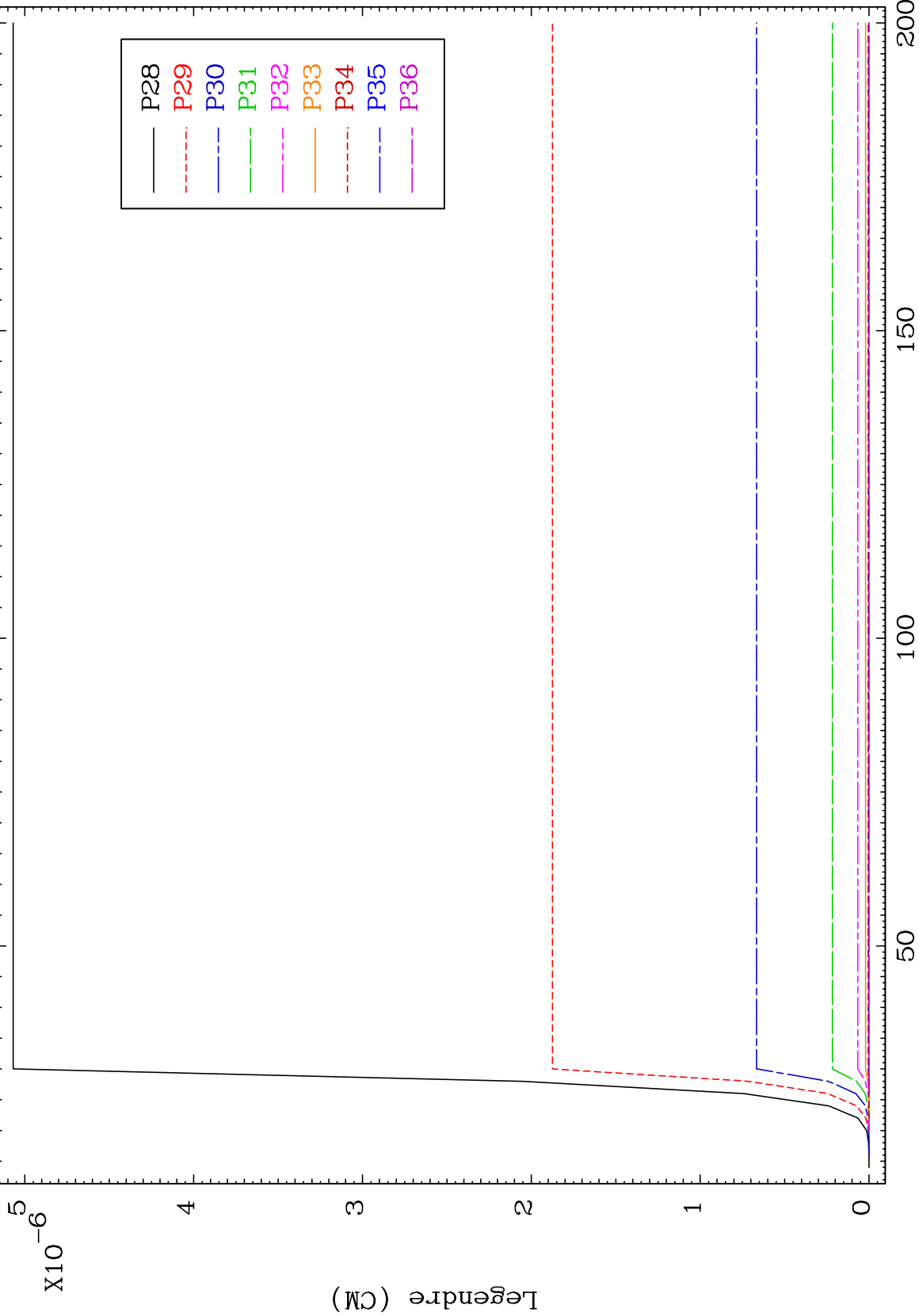
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63-Eu-149

MAT 6319

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

63-Eu-149



63

Incident Energy (MeV)

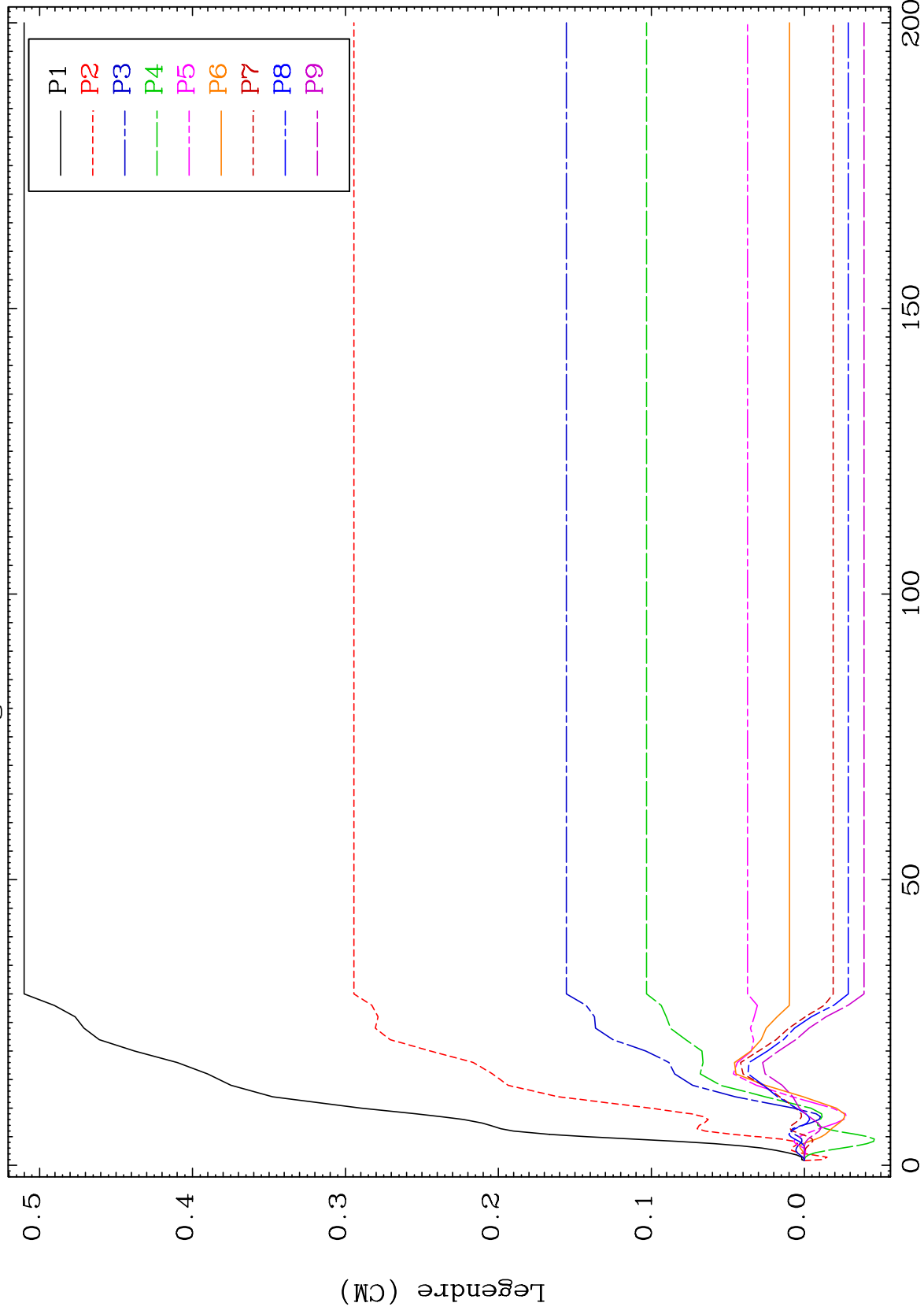
63-Eu-149



MAT 6319

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

63-Eu-149



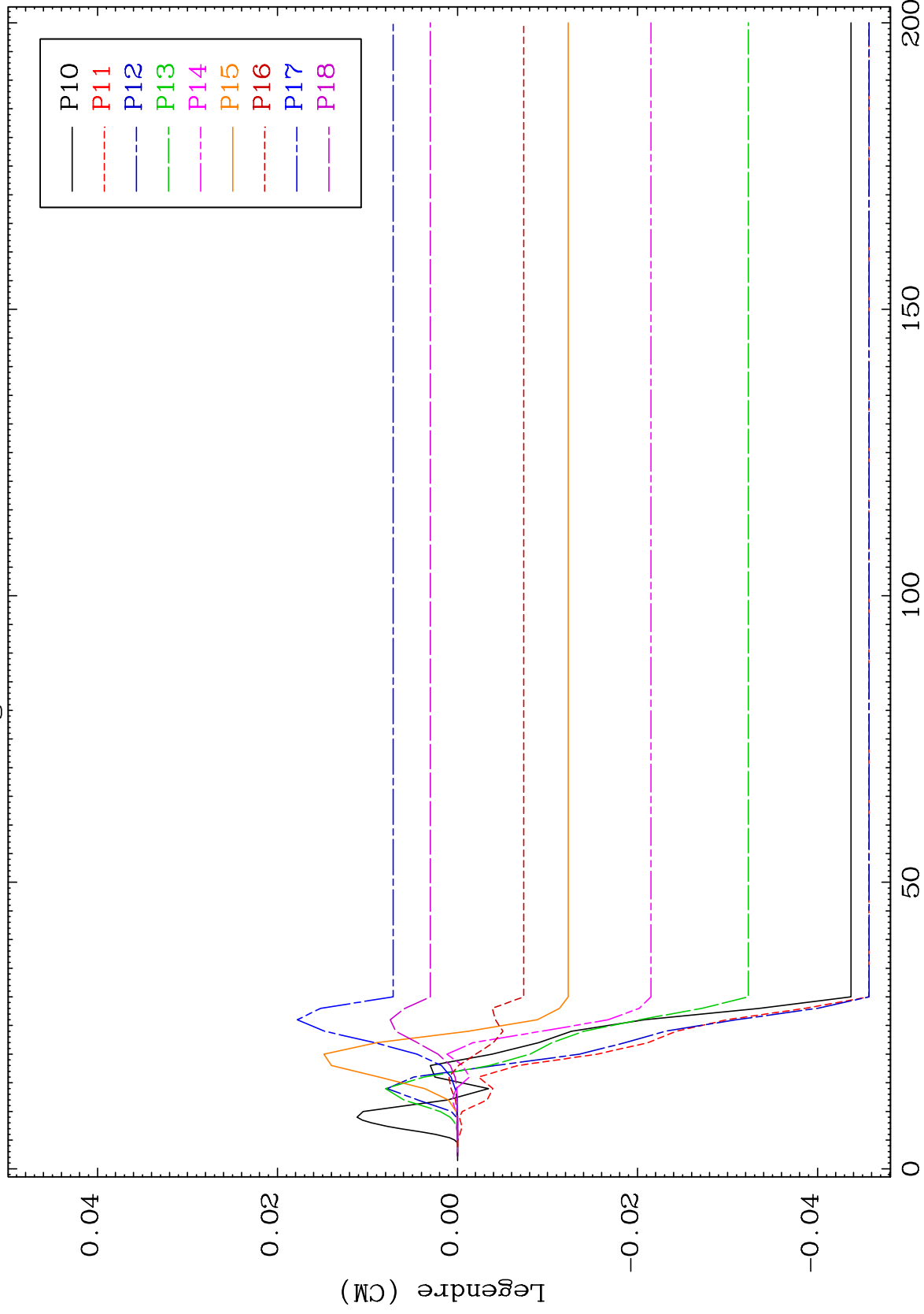
64

63-Eu-149

MAT 6319

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

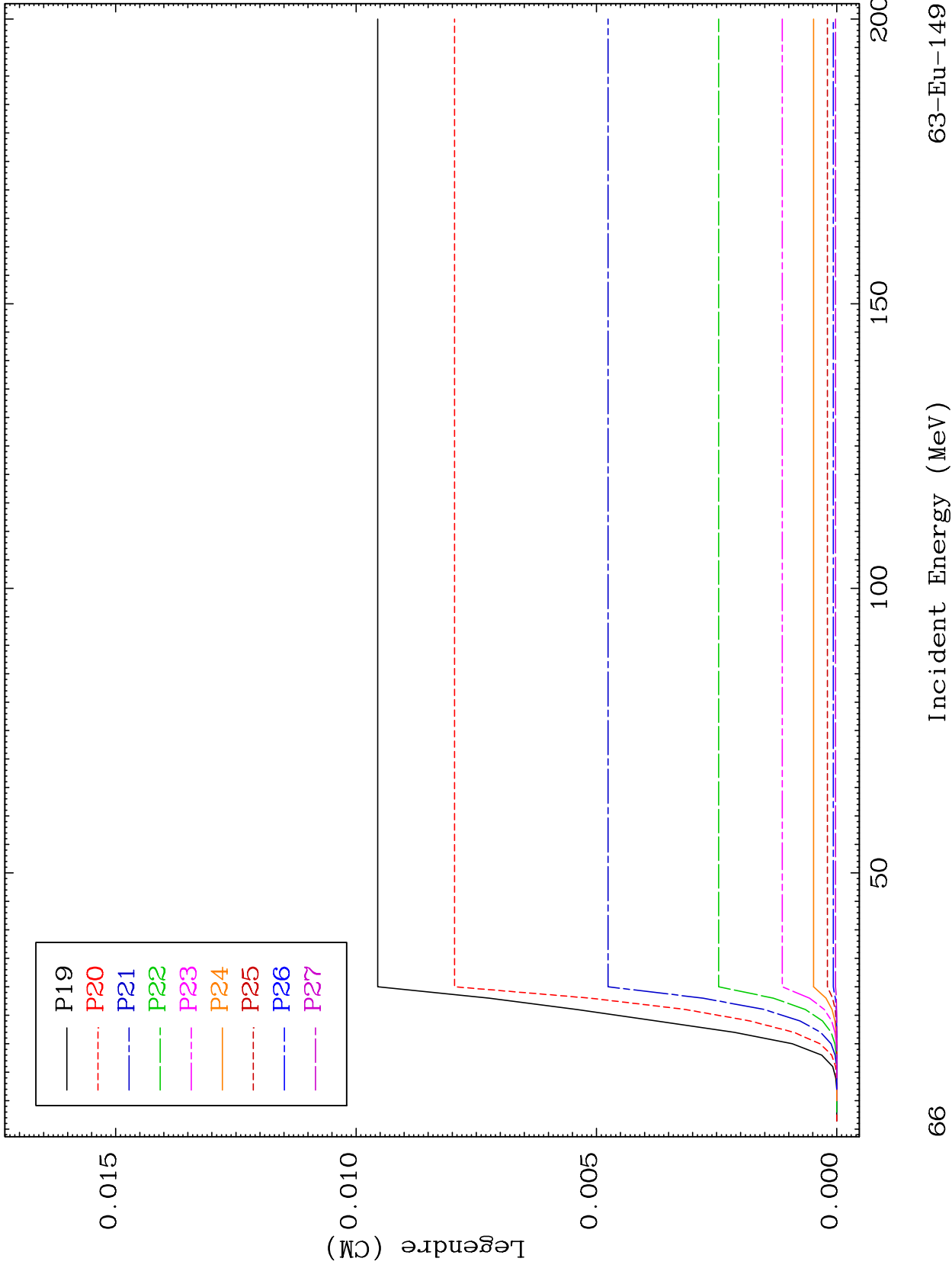
63-Eu-149



65

Incident Energy (MeV)

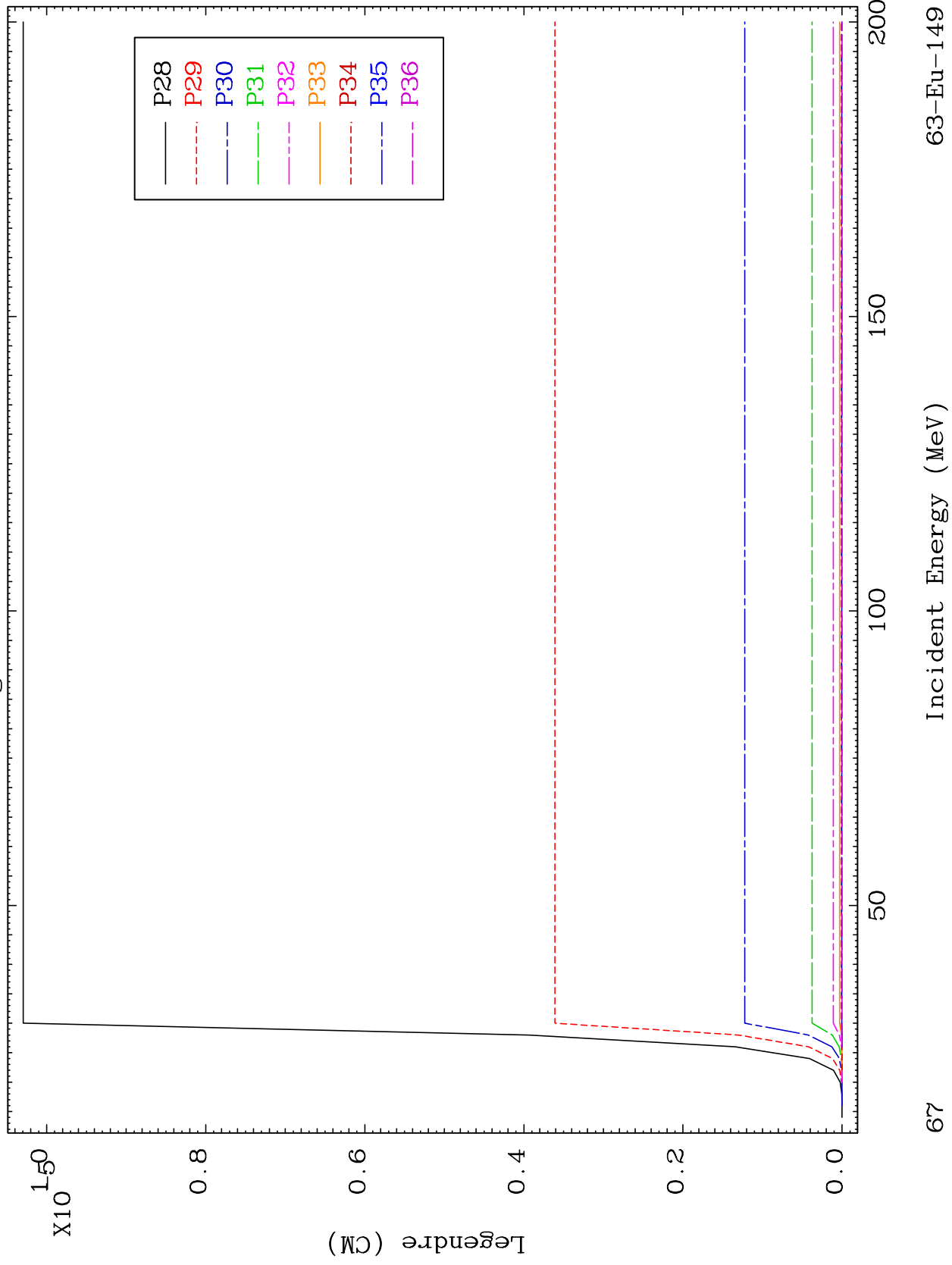
63-Eu-149



MAT 6319

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

63-Eu-149

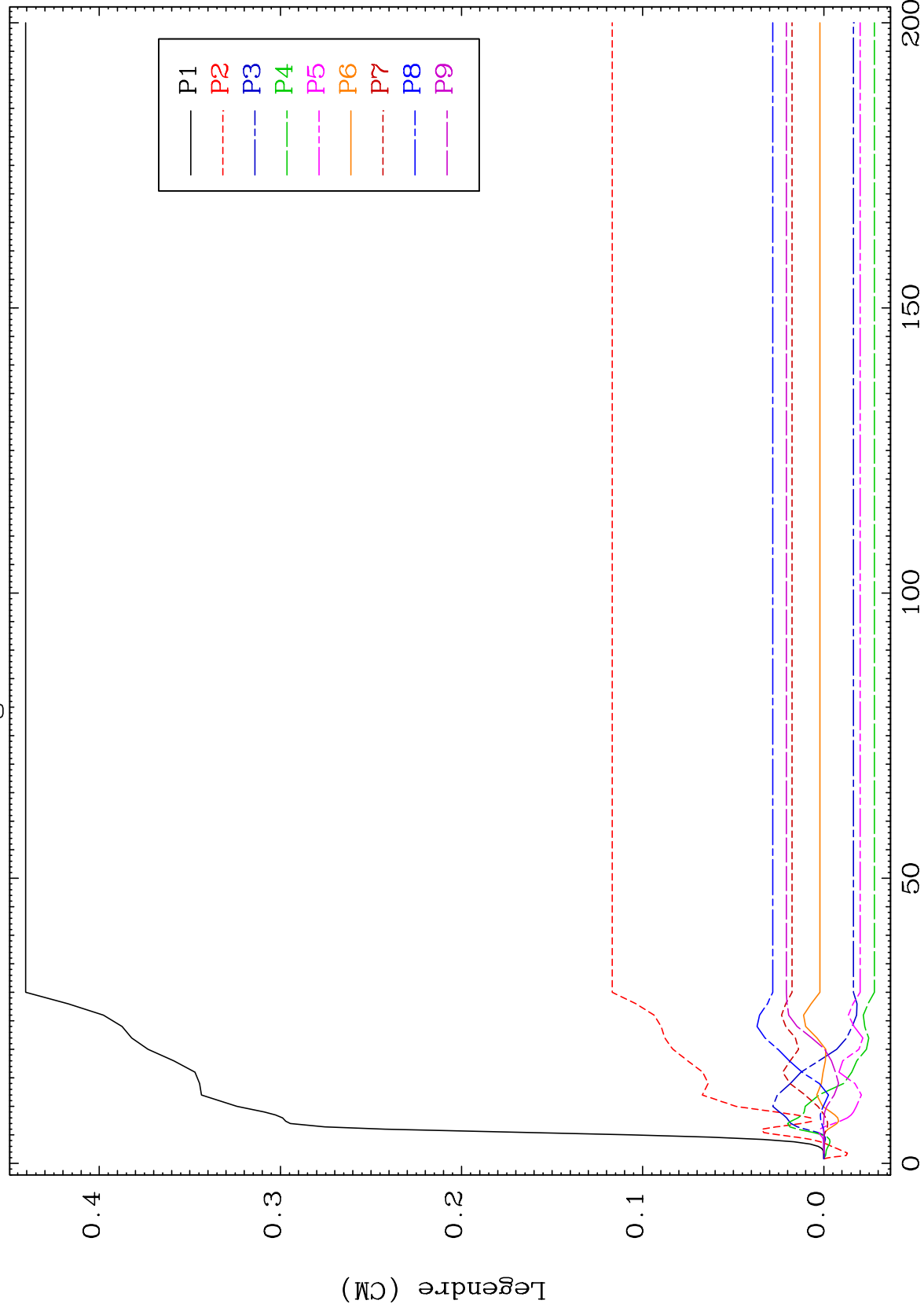


67

MAT 6319

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

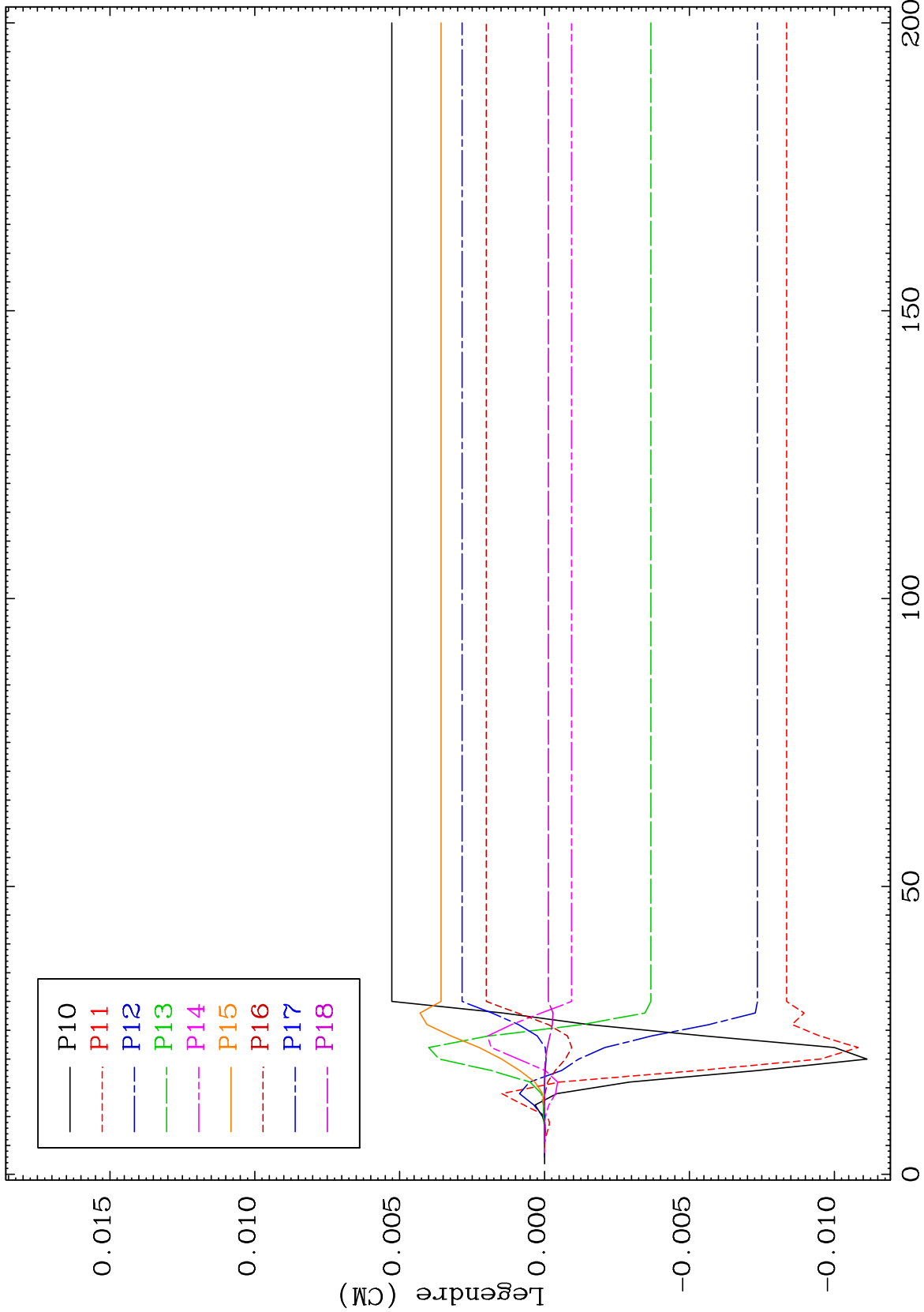
63-Eu-149



63-Eu-149

Incident Energy (MeV)

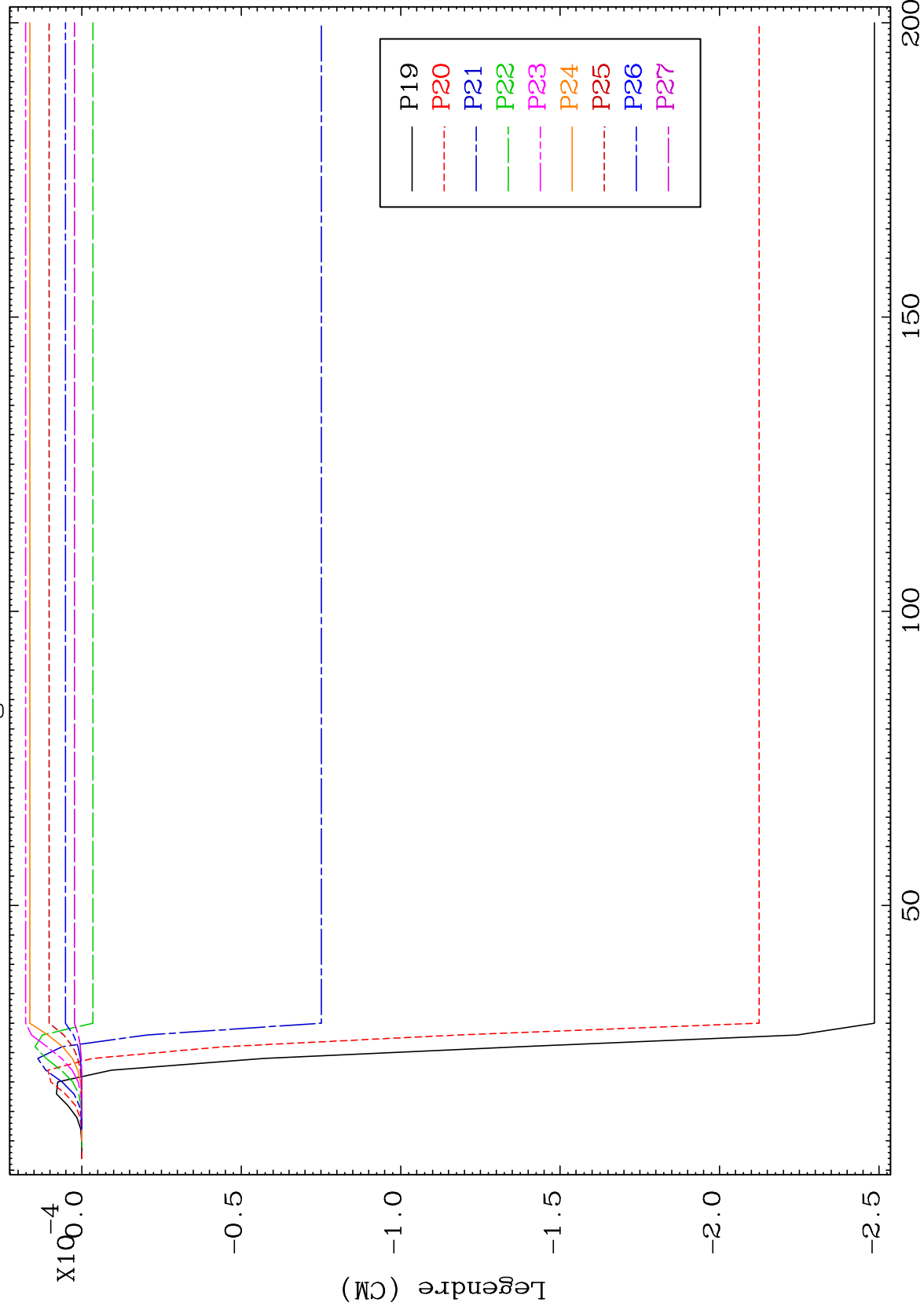
68



MAT 6319

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

63-Eu-149



63-Eu-149

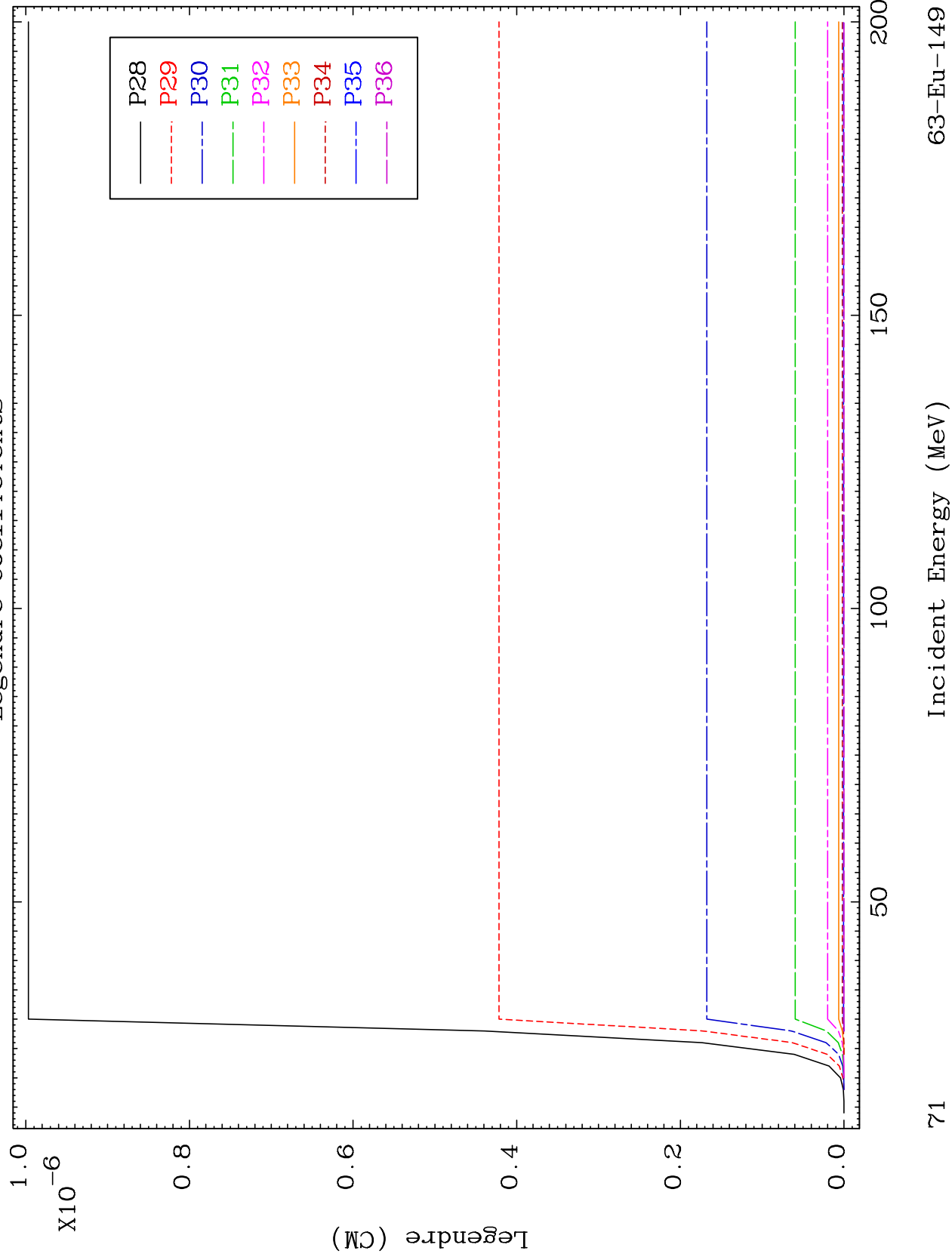
Incident Energy (MeV)

70

MAT 6319

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

63-Eu-149

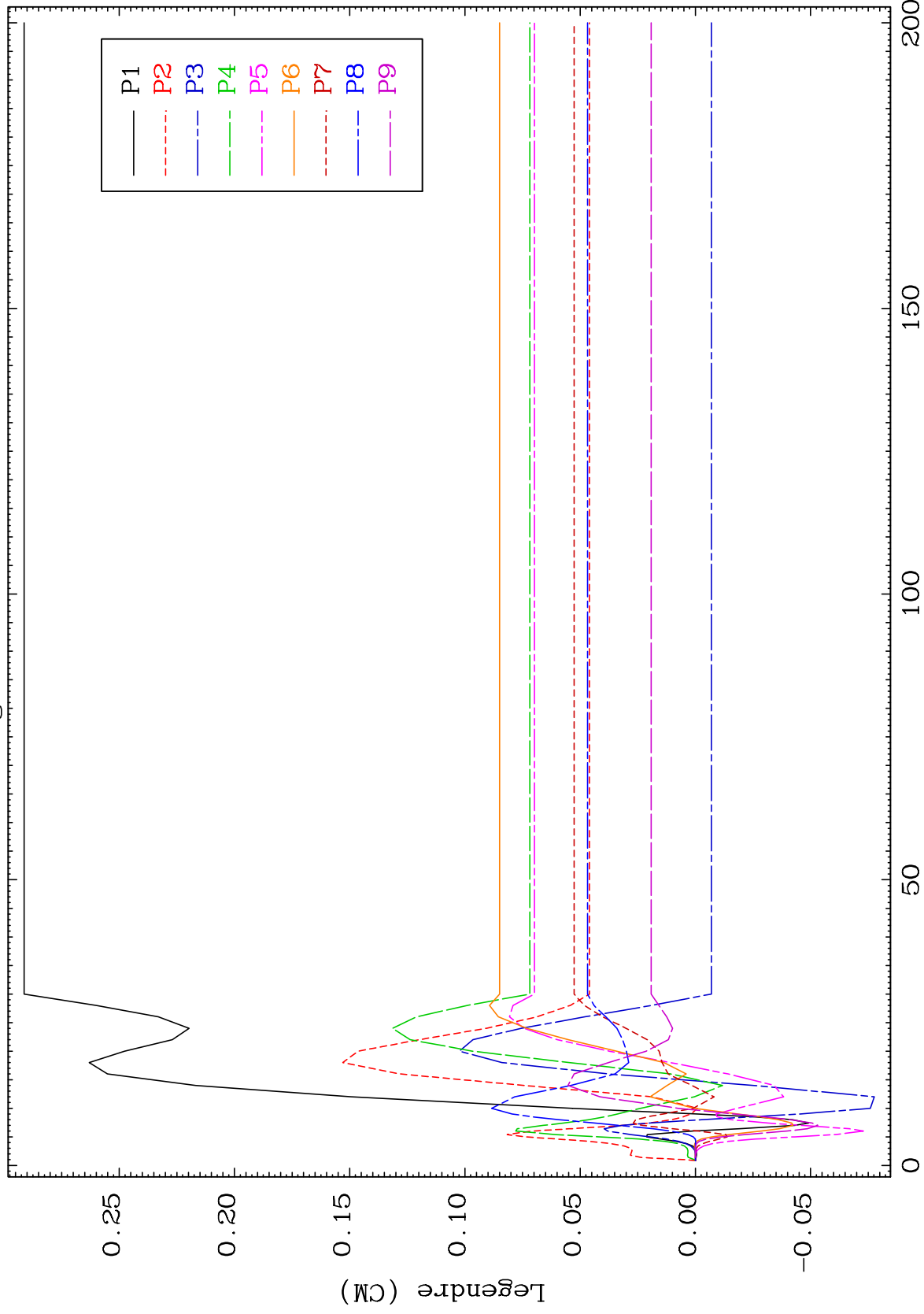




MAT 6319

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

63-Eu-149



72

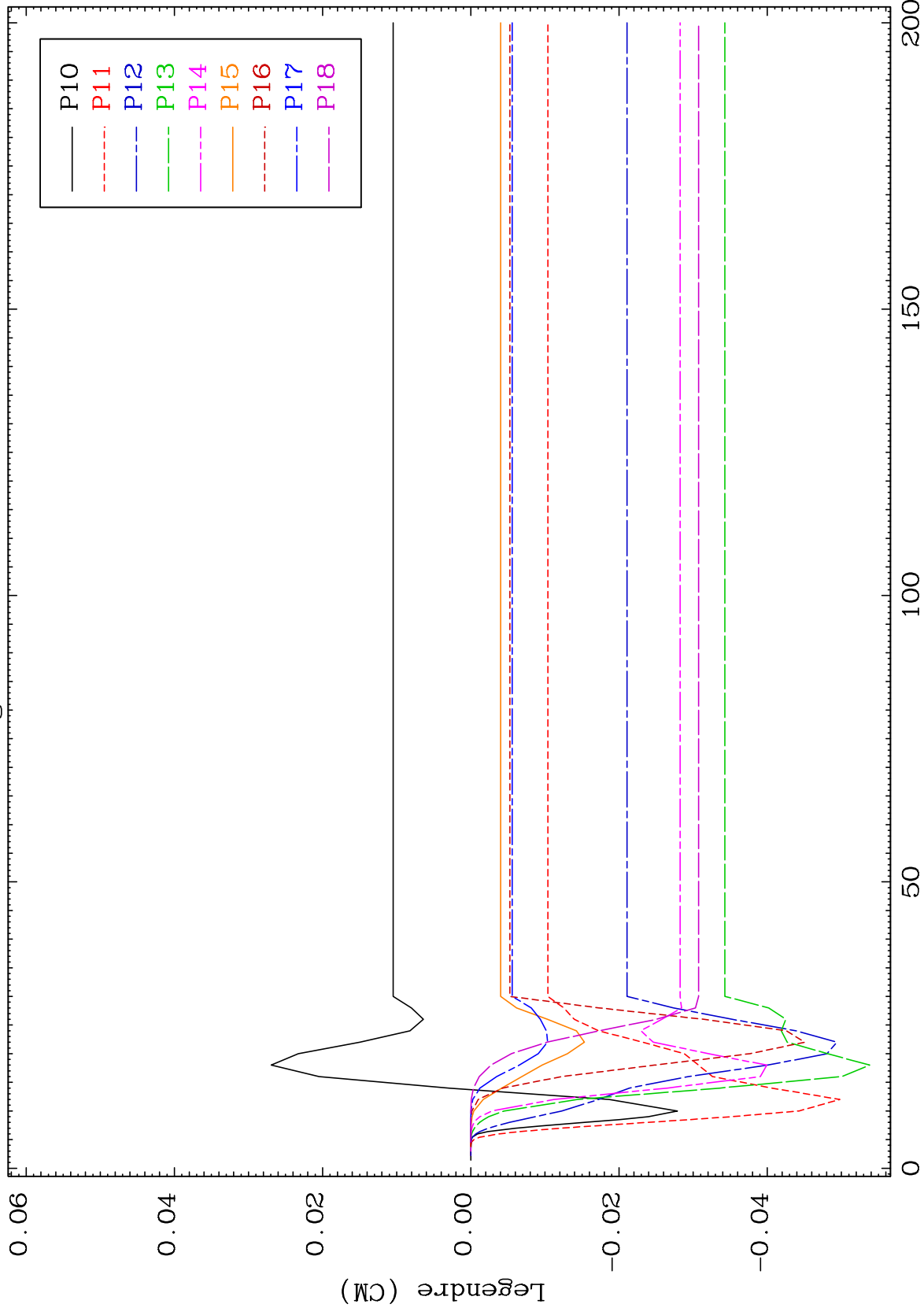
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



73

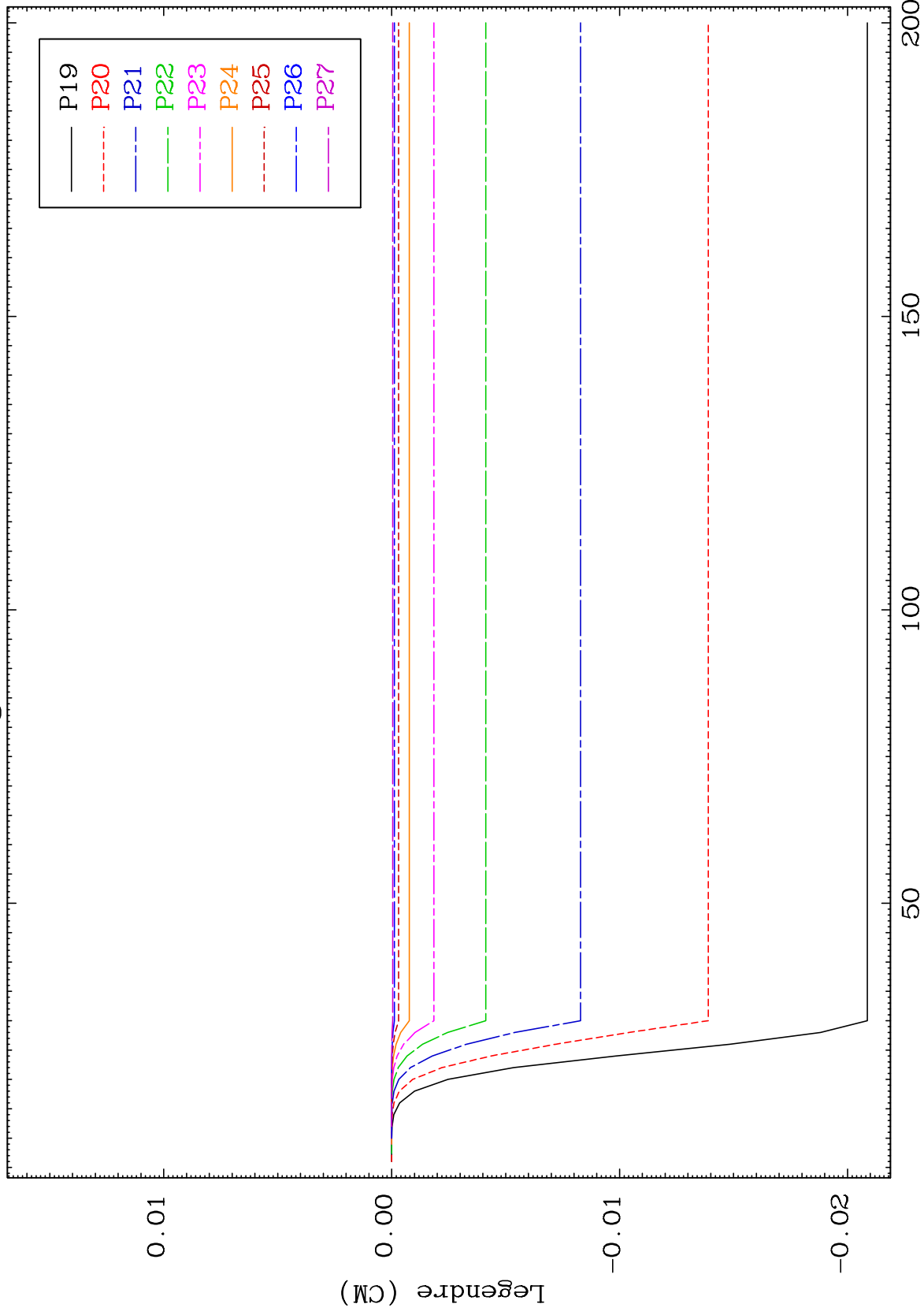
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



74

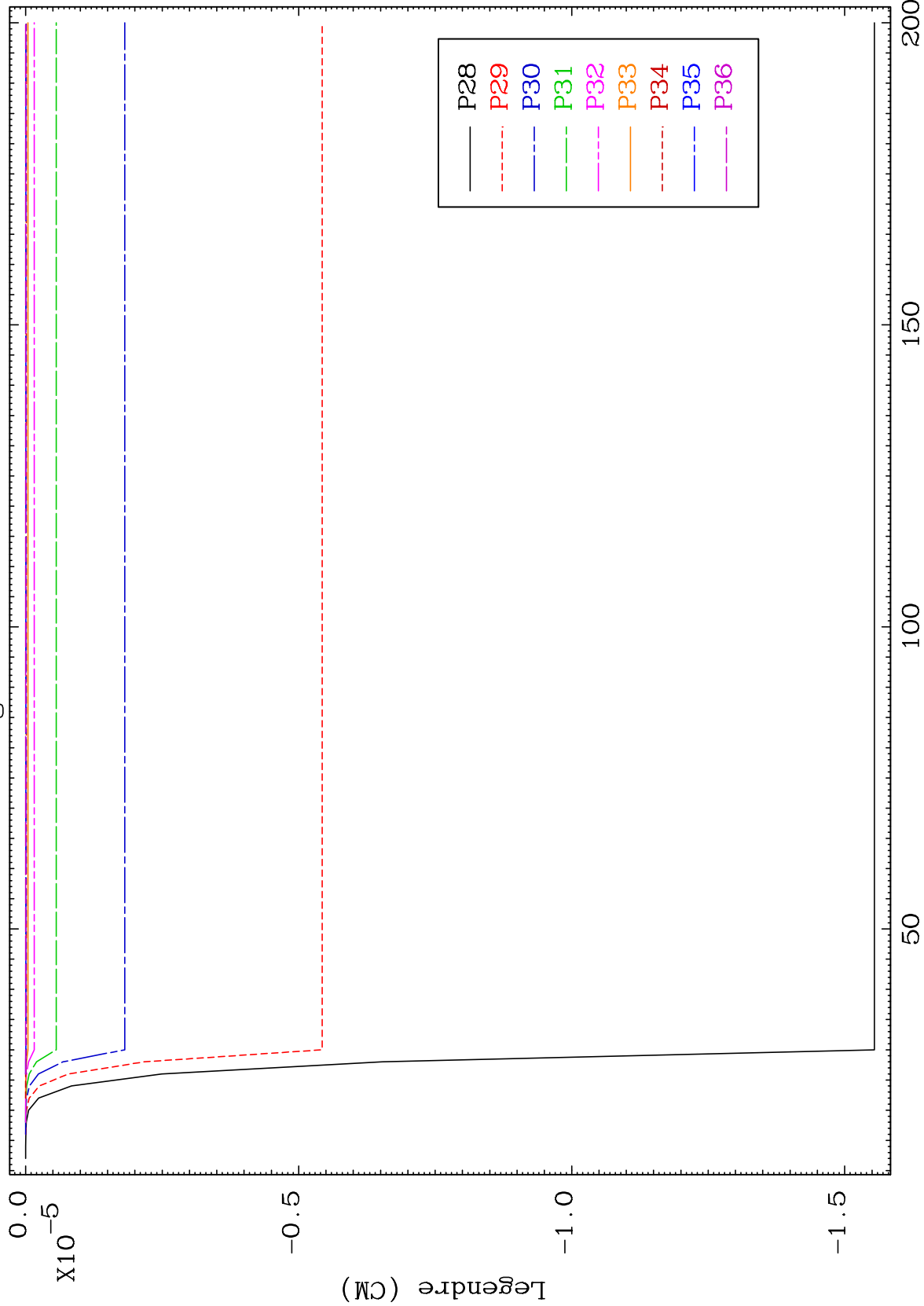
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

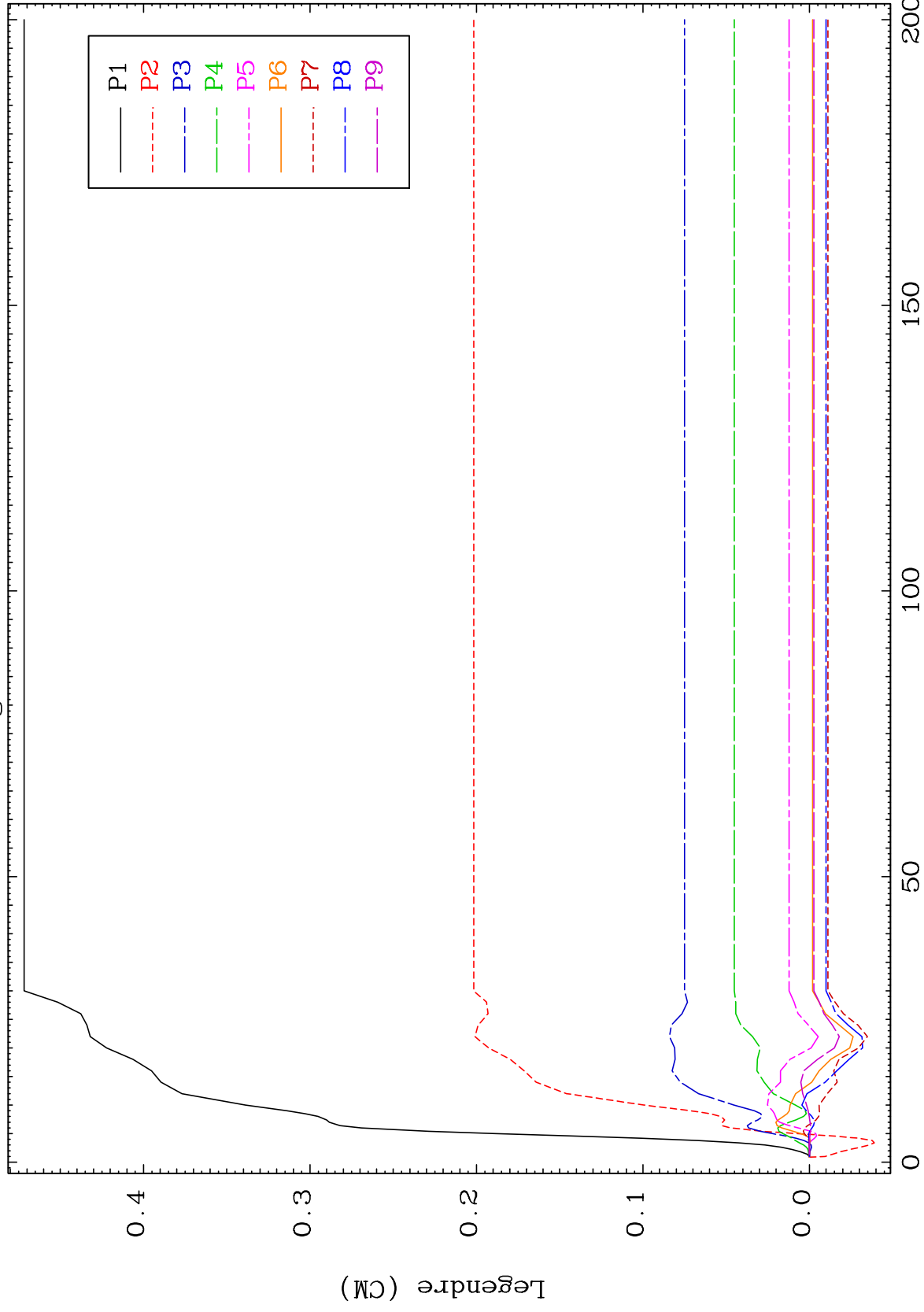
Incident Energy (MeV)

75

MAT 6319

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

63-Eu-149



76

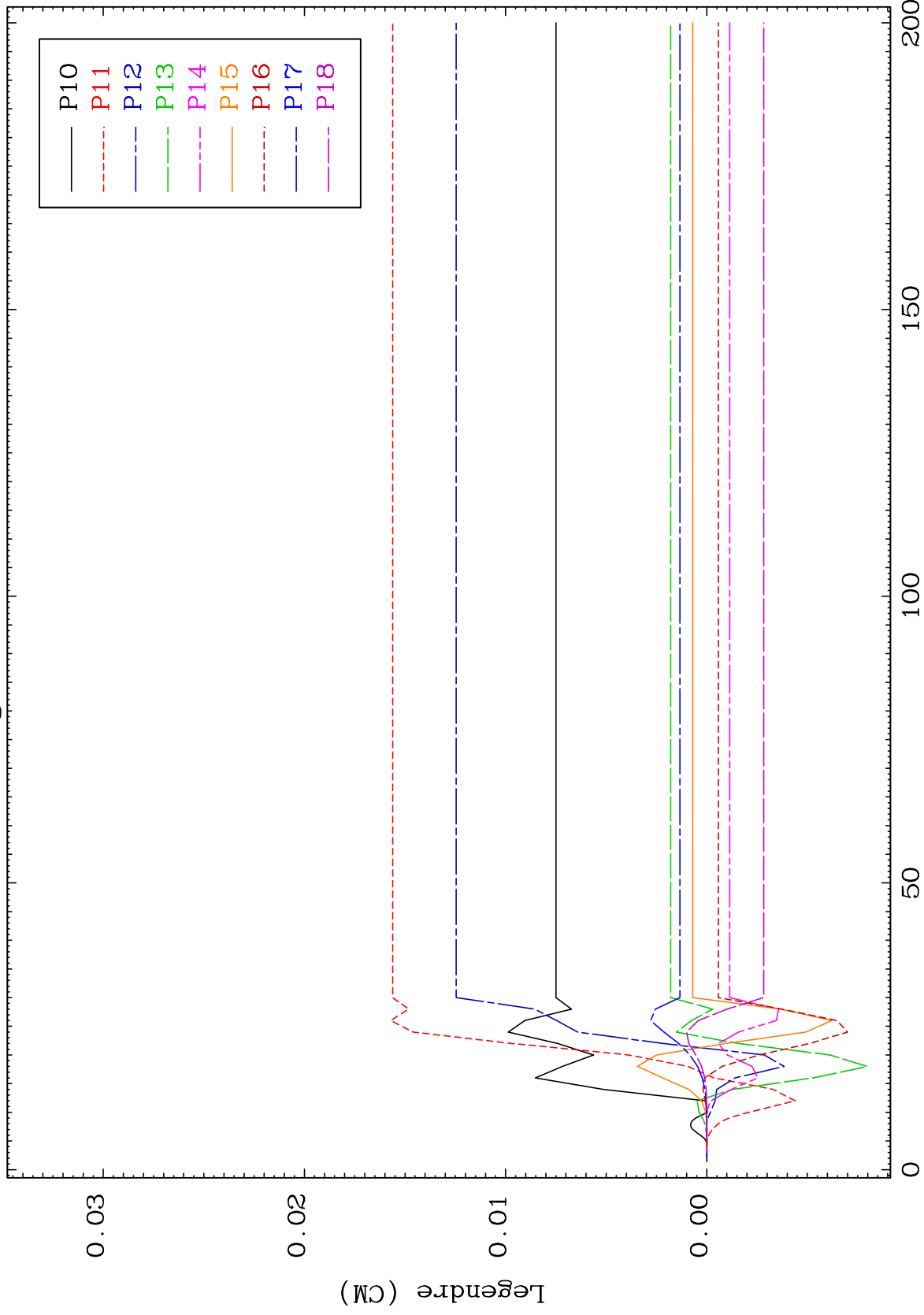
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



77

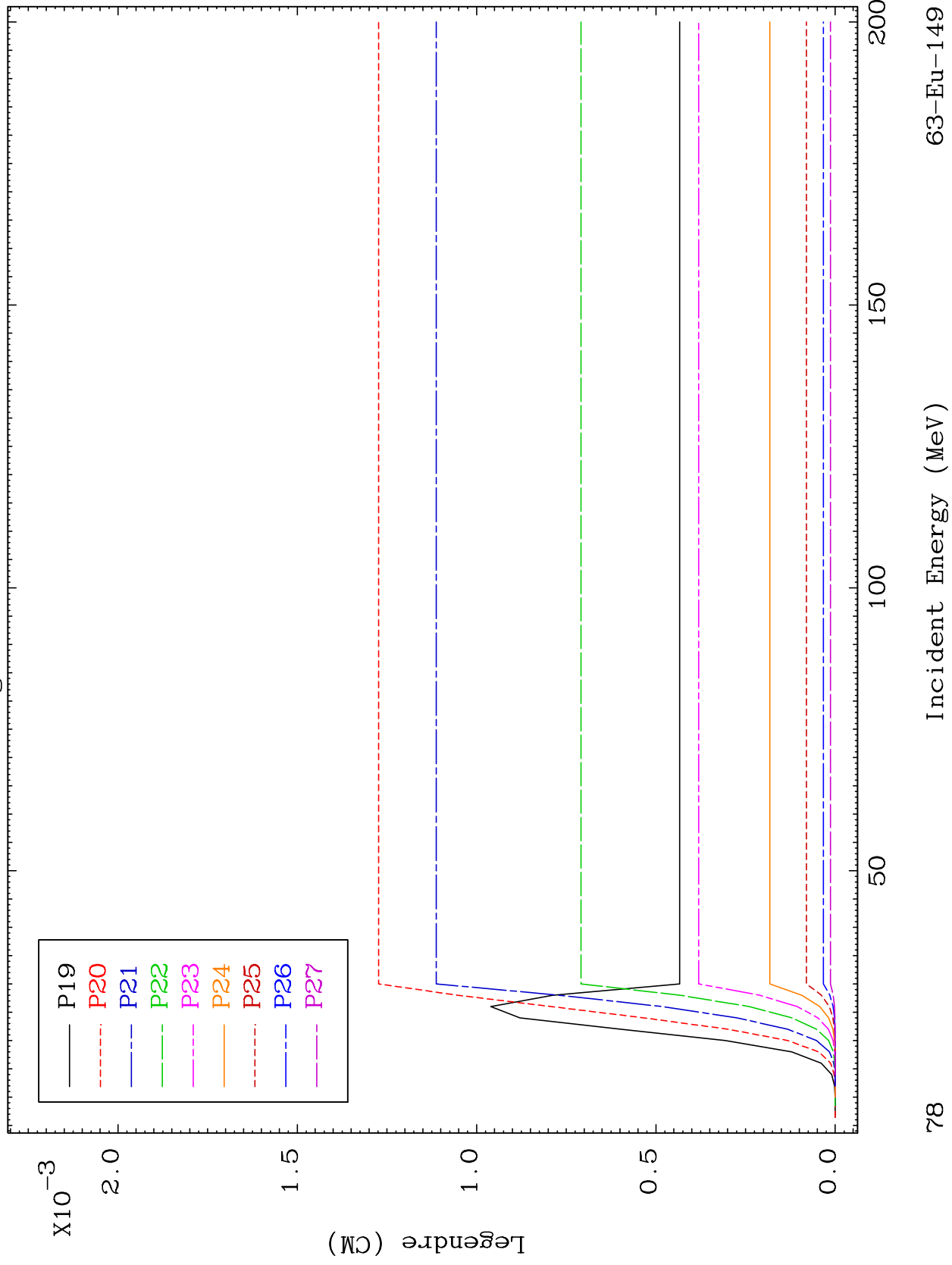
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

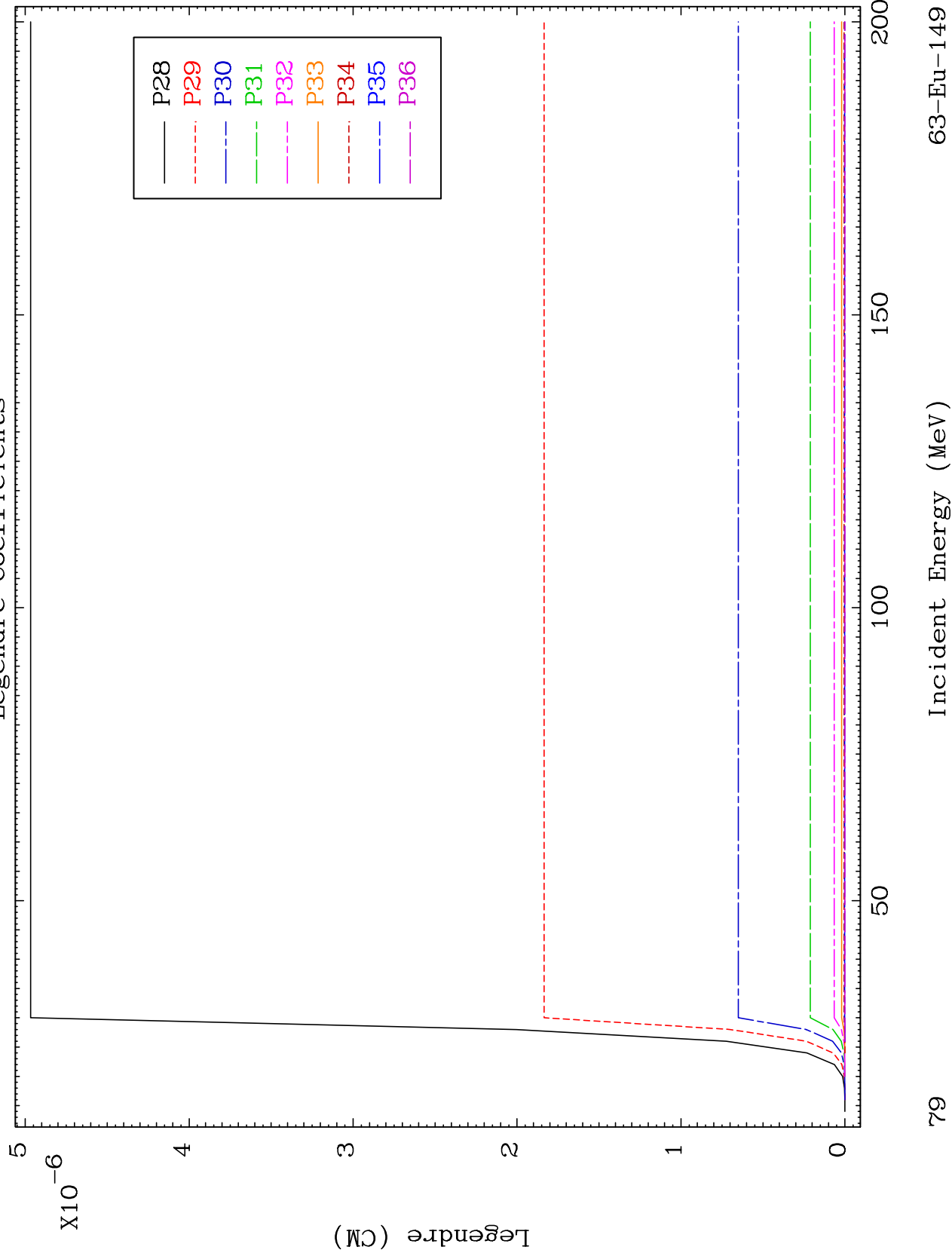
63-Eu-149



MAT 6319

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

63-Eu-149

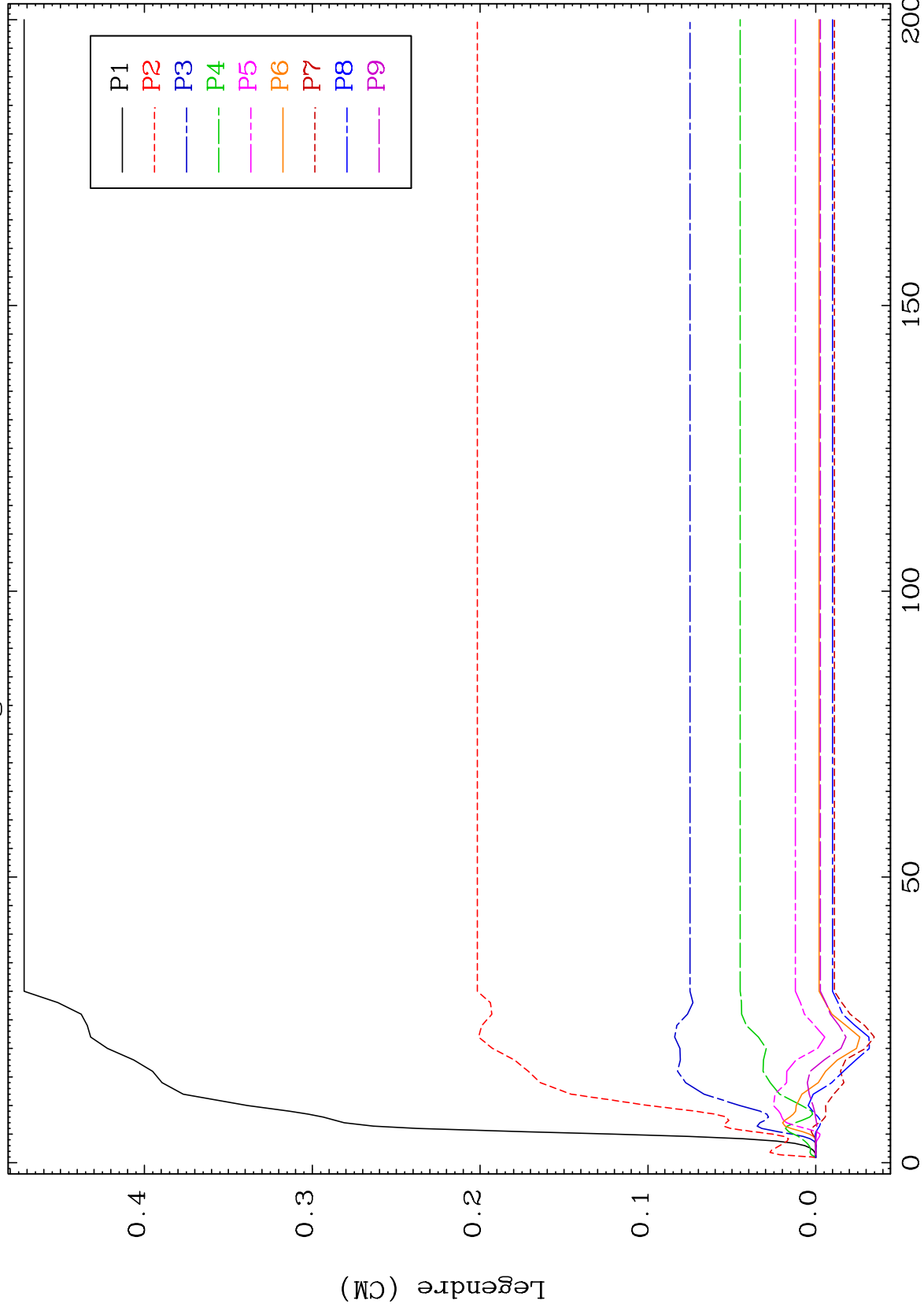




MAT 6319

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

63-Eu-149



63-Eu-149

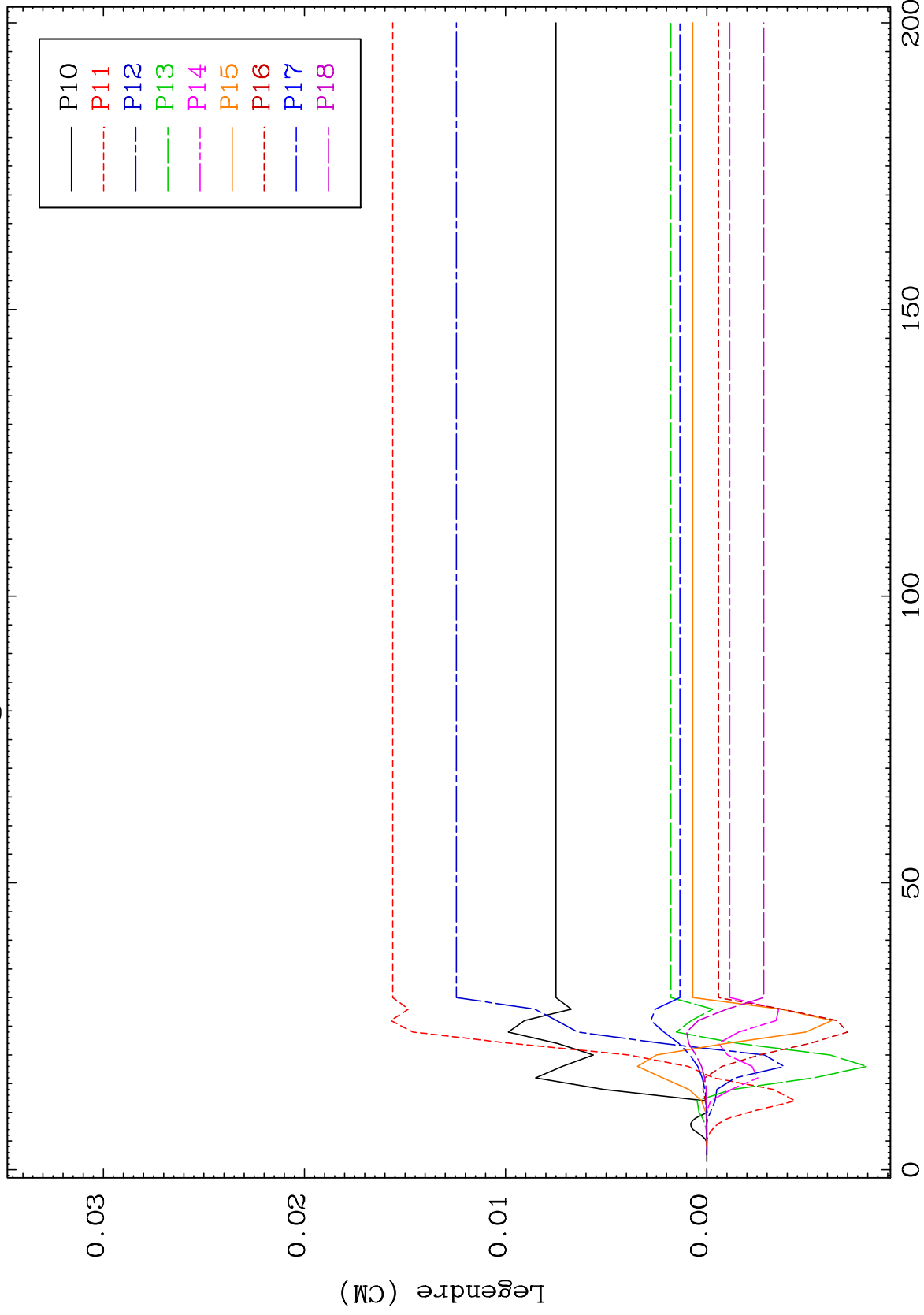
Incident Energy (MeV)

80

MAT 6319

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

63-Eu-149



81

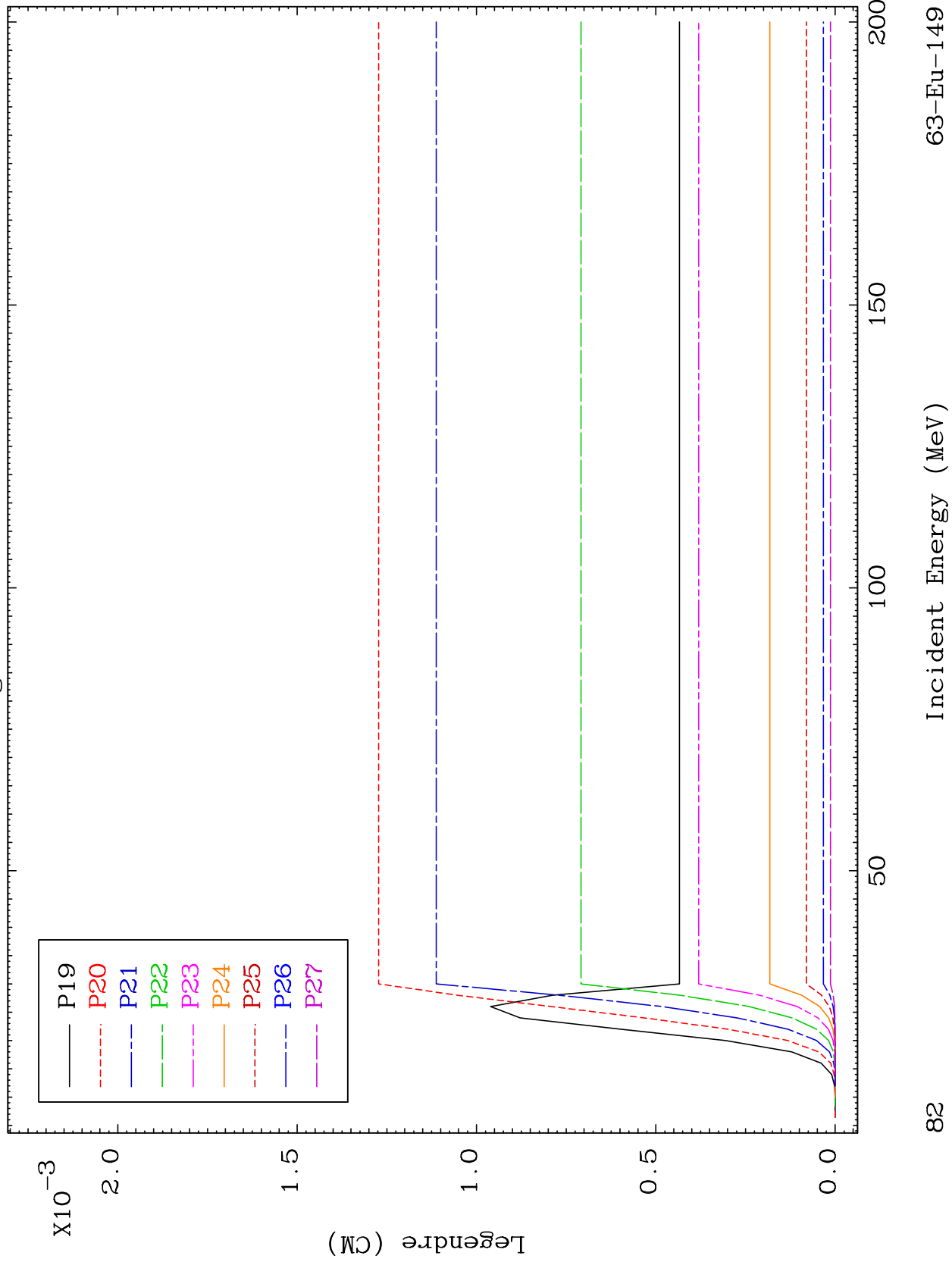
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

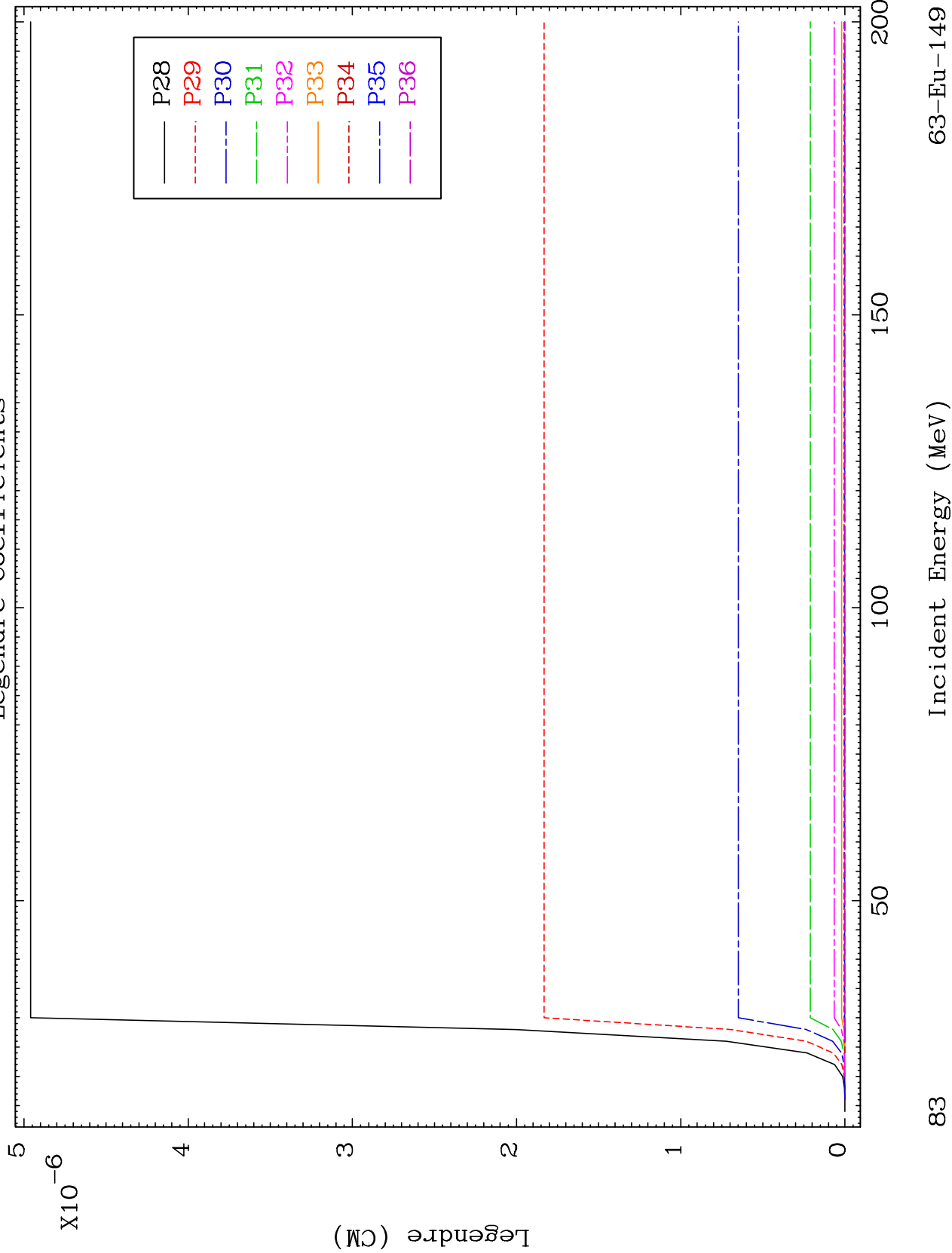
63-Eu-149



MAT 6319

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

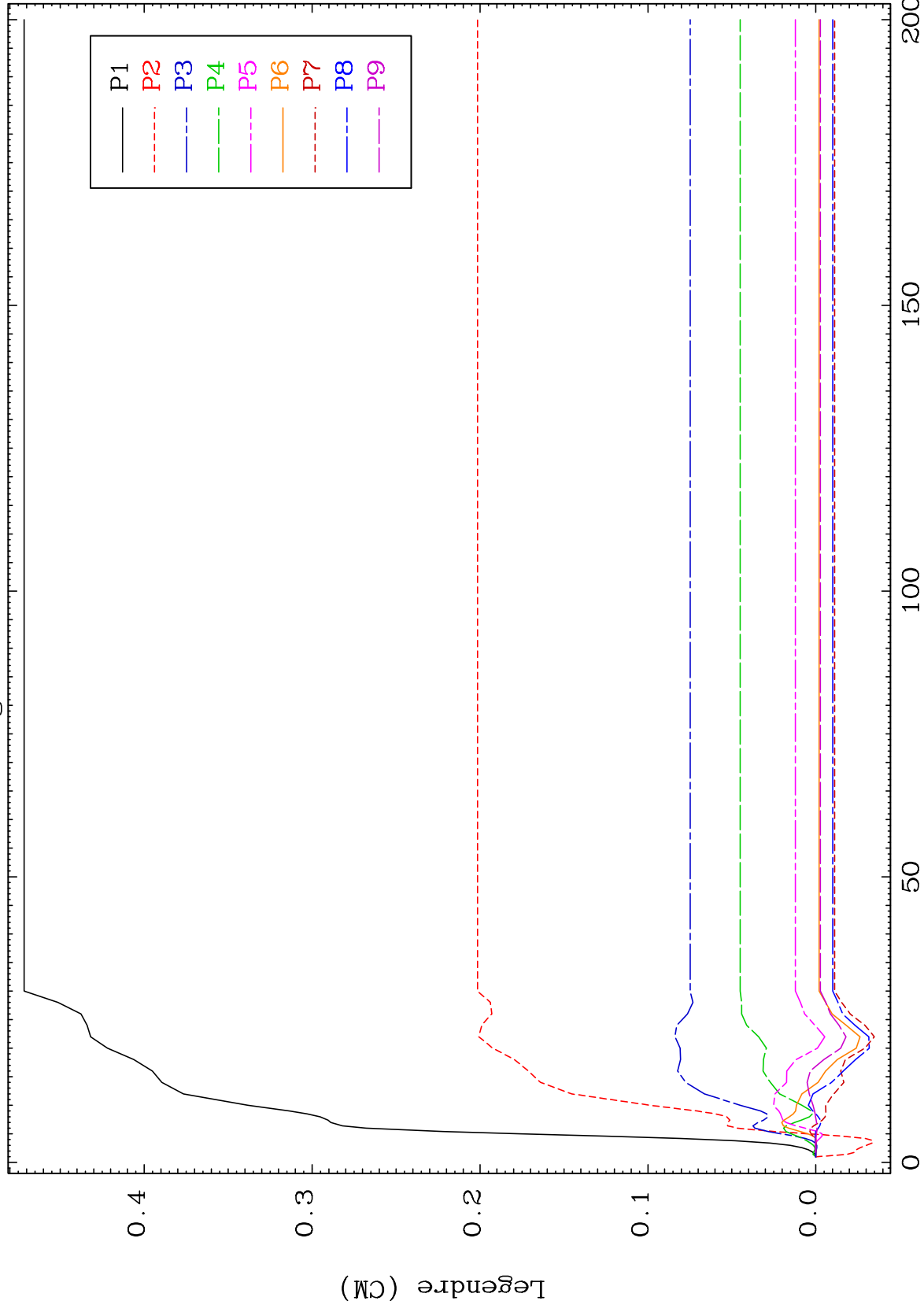
63-Eu-149



MAT 6319

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

63-Eu-149



84

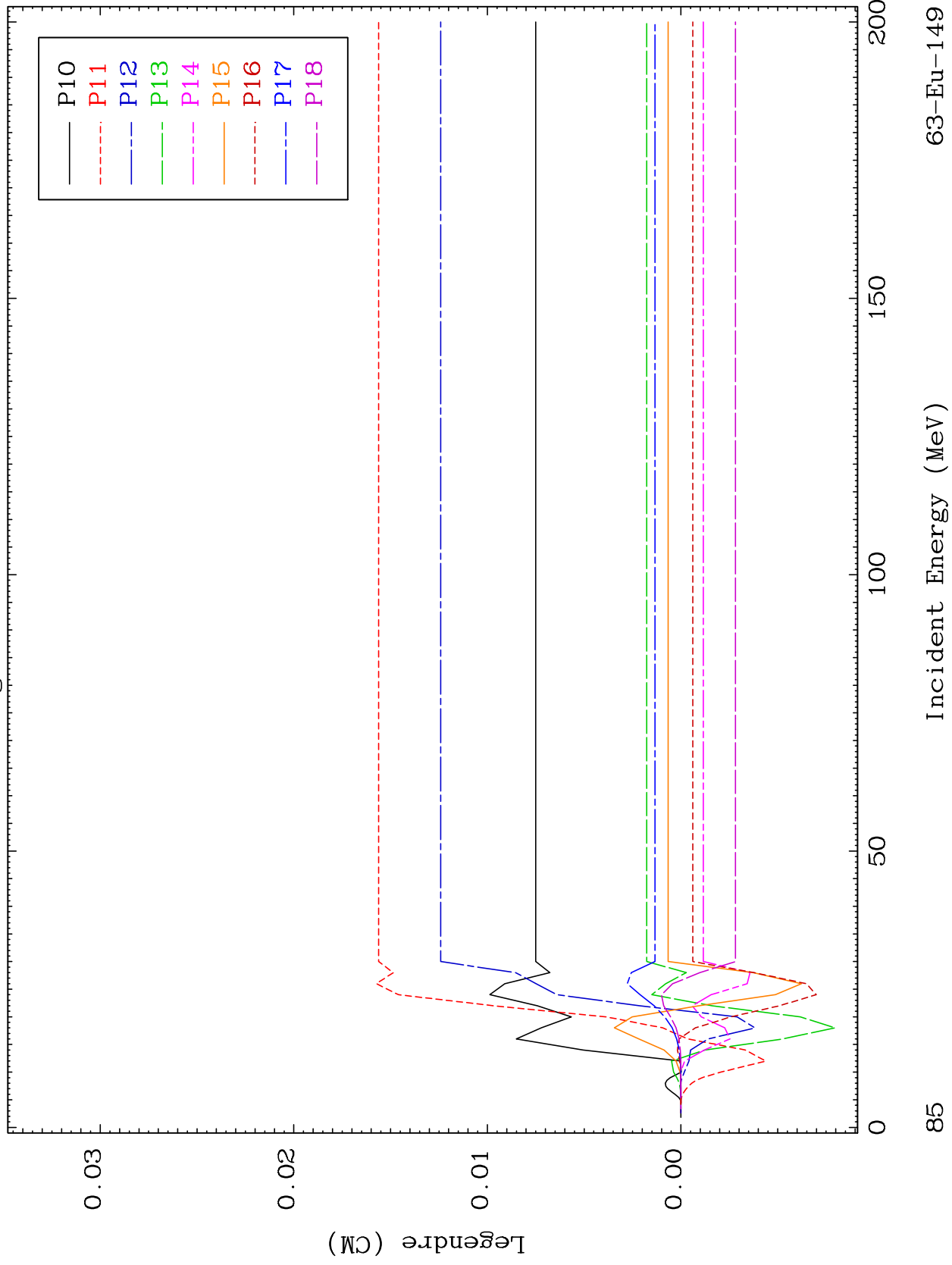
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

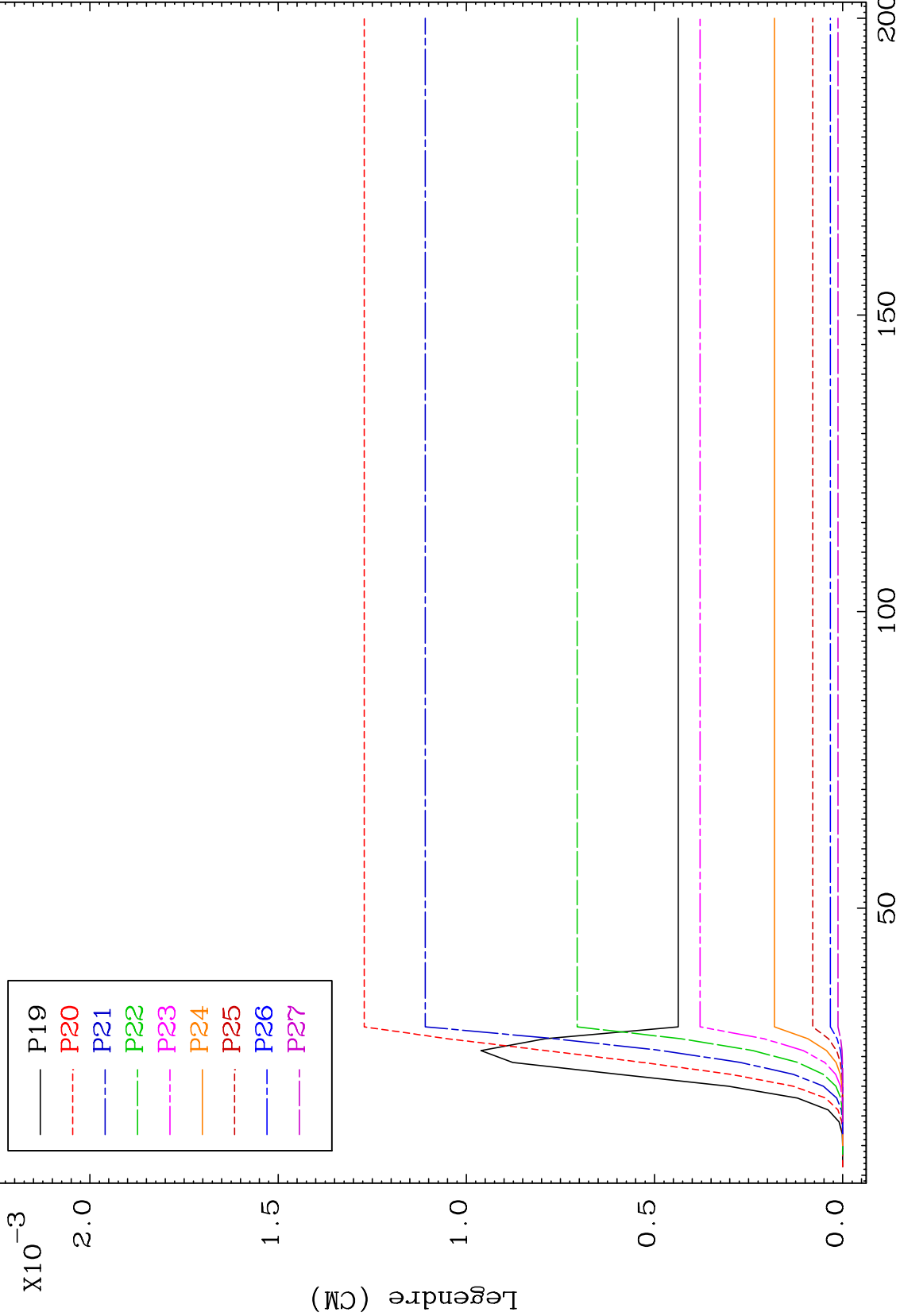
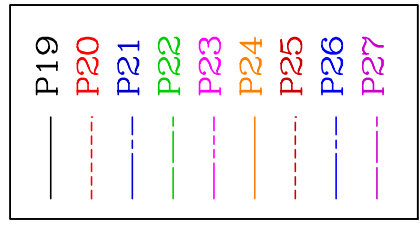
63-Eu-149



63-Eu-149

Incident Energy (MeV)

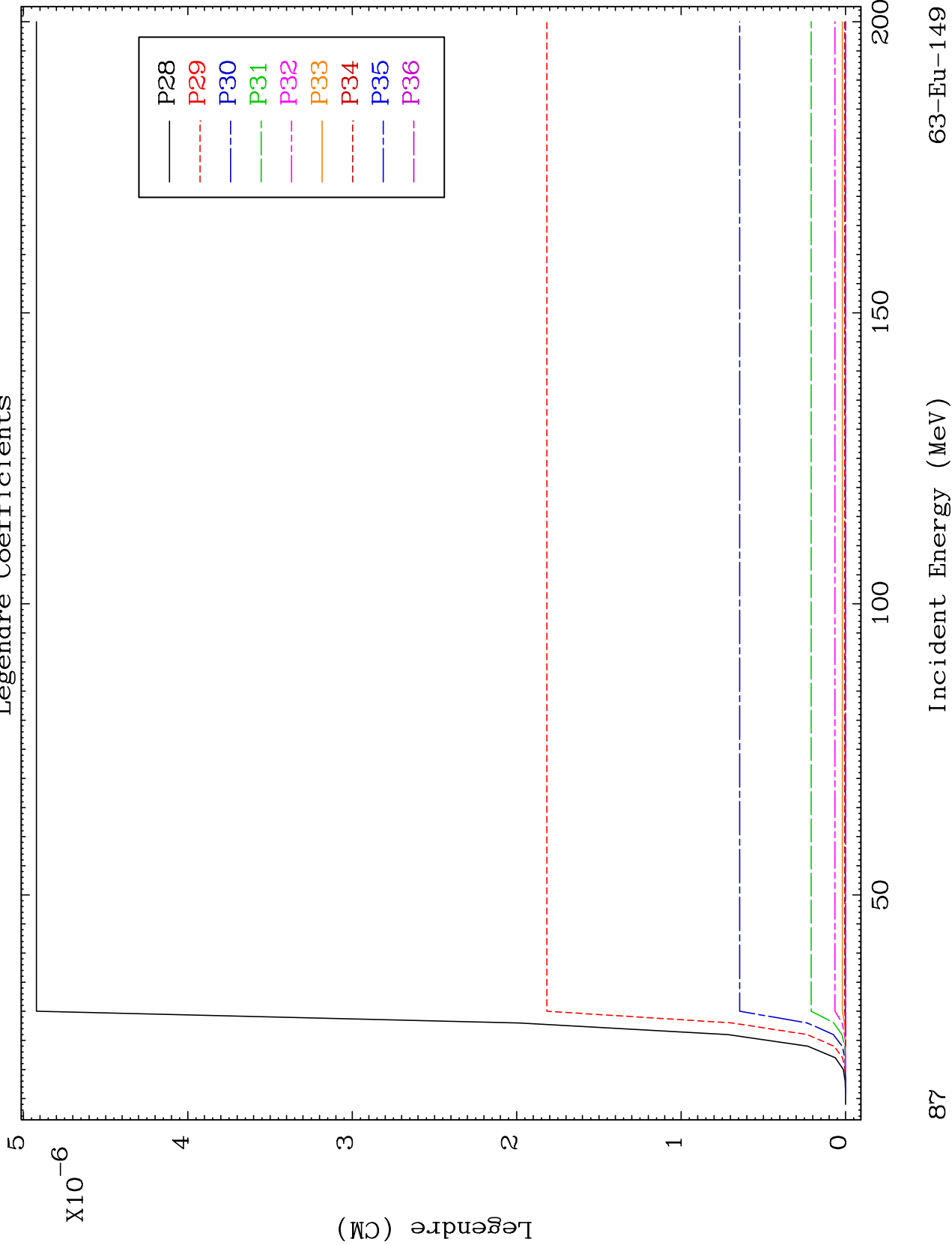
85



MAT 6319

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

63-Eu-149

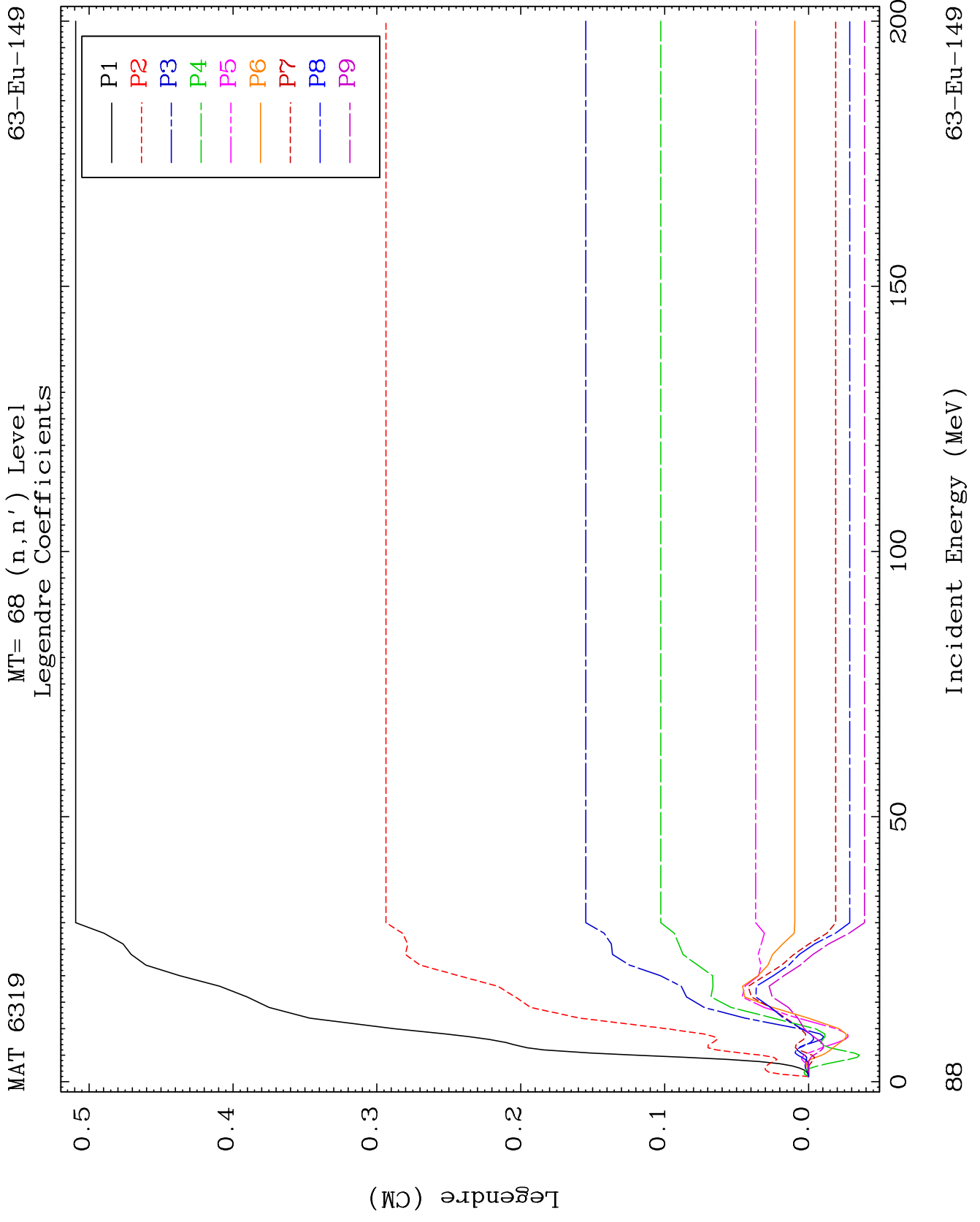


87

Incident Energy (MeV)

63-Eu-149

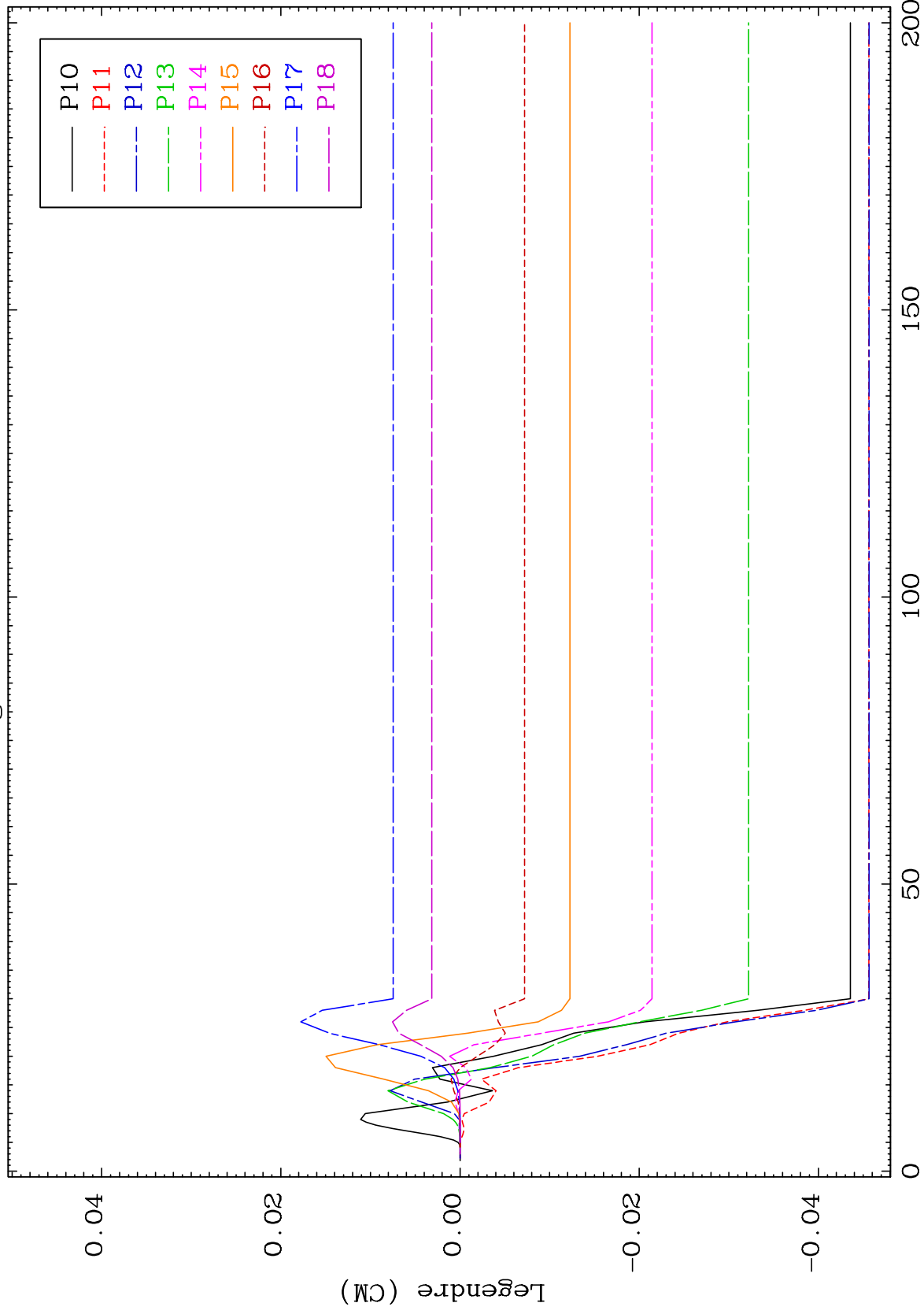




MAT 6319

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

63-Eu-149



89

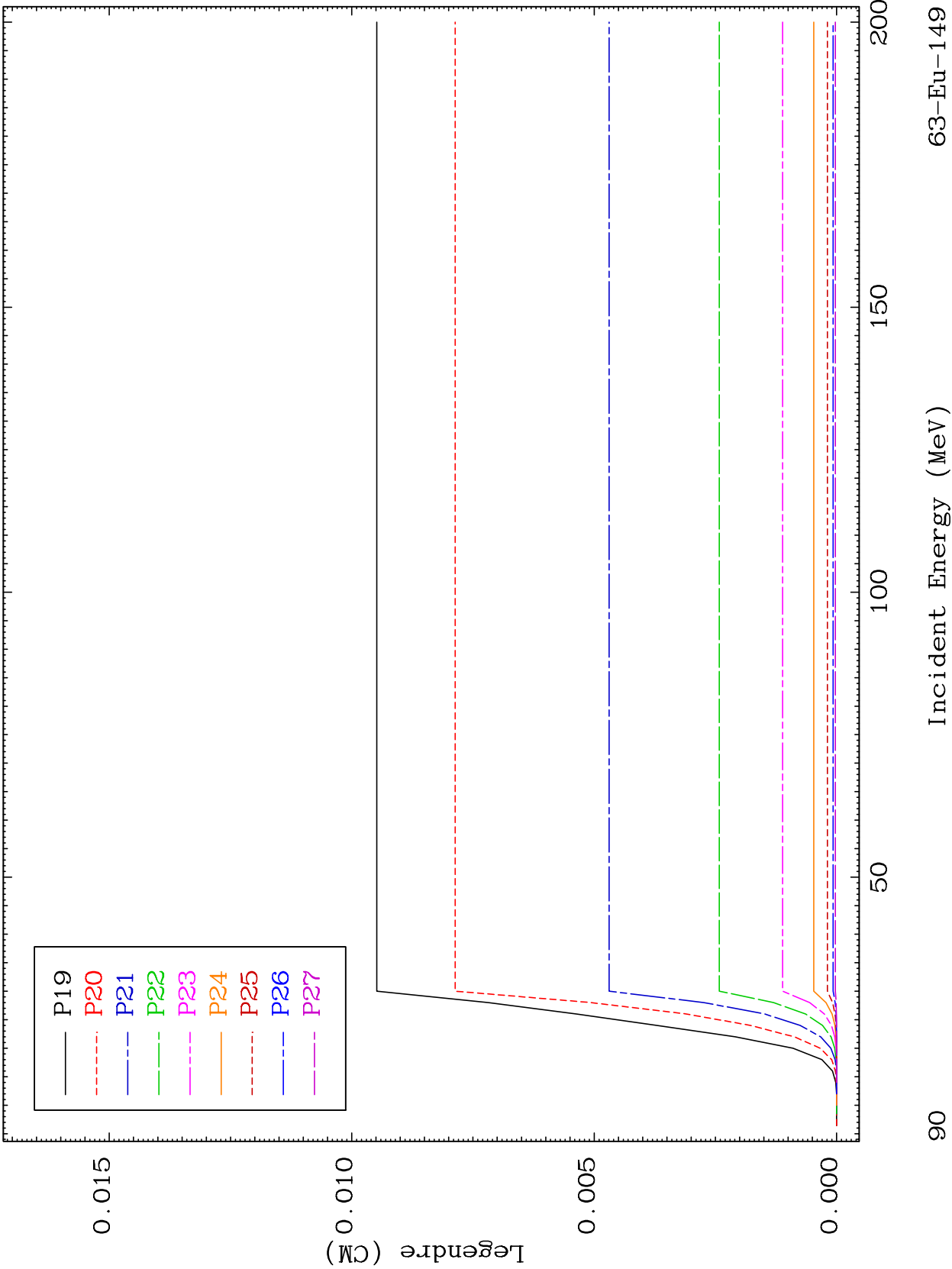
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

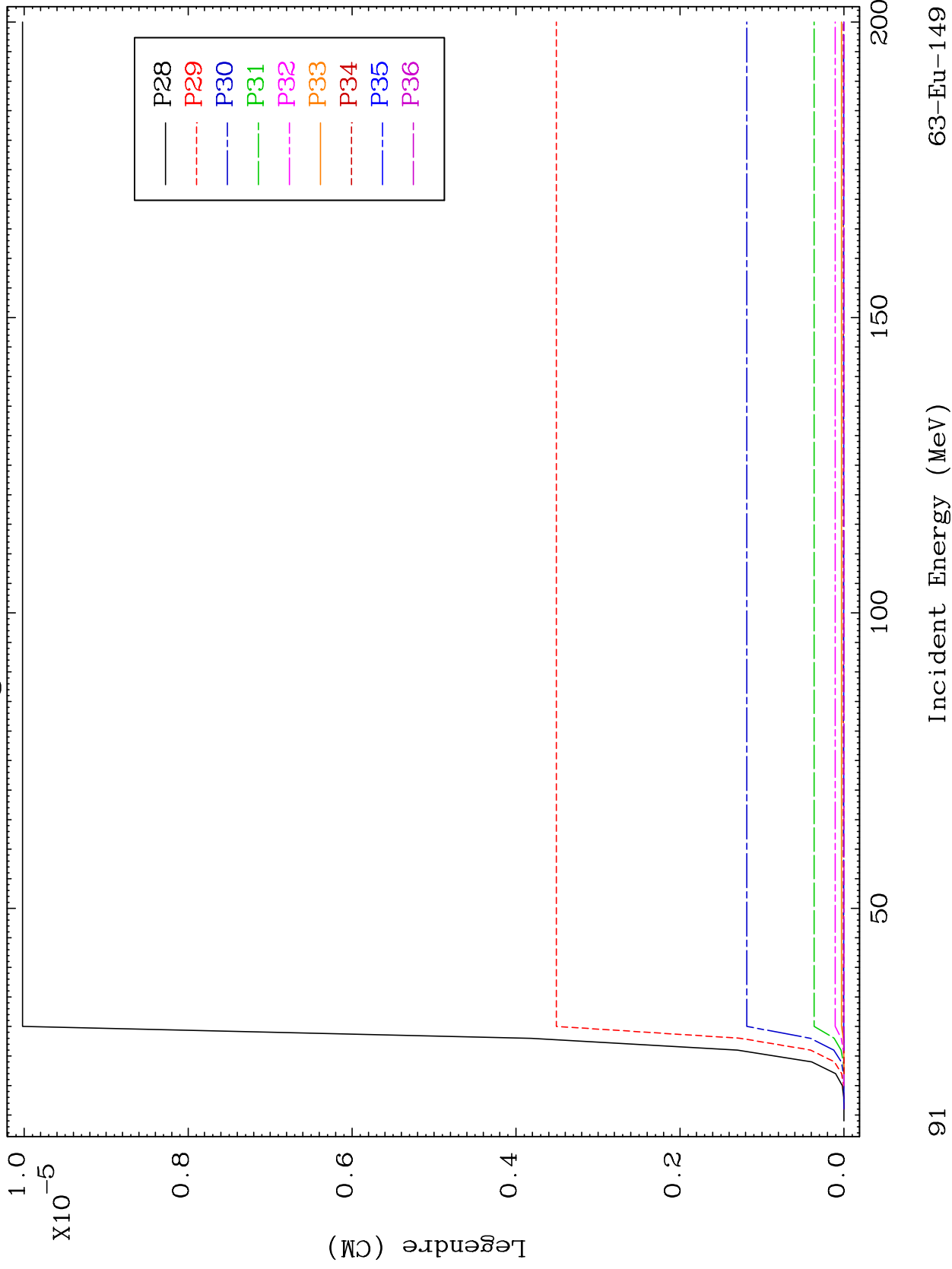
Incident Energy (MeV)

90

MAT 6319

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

63-Eu-149



91

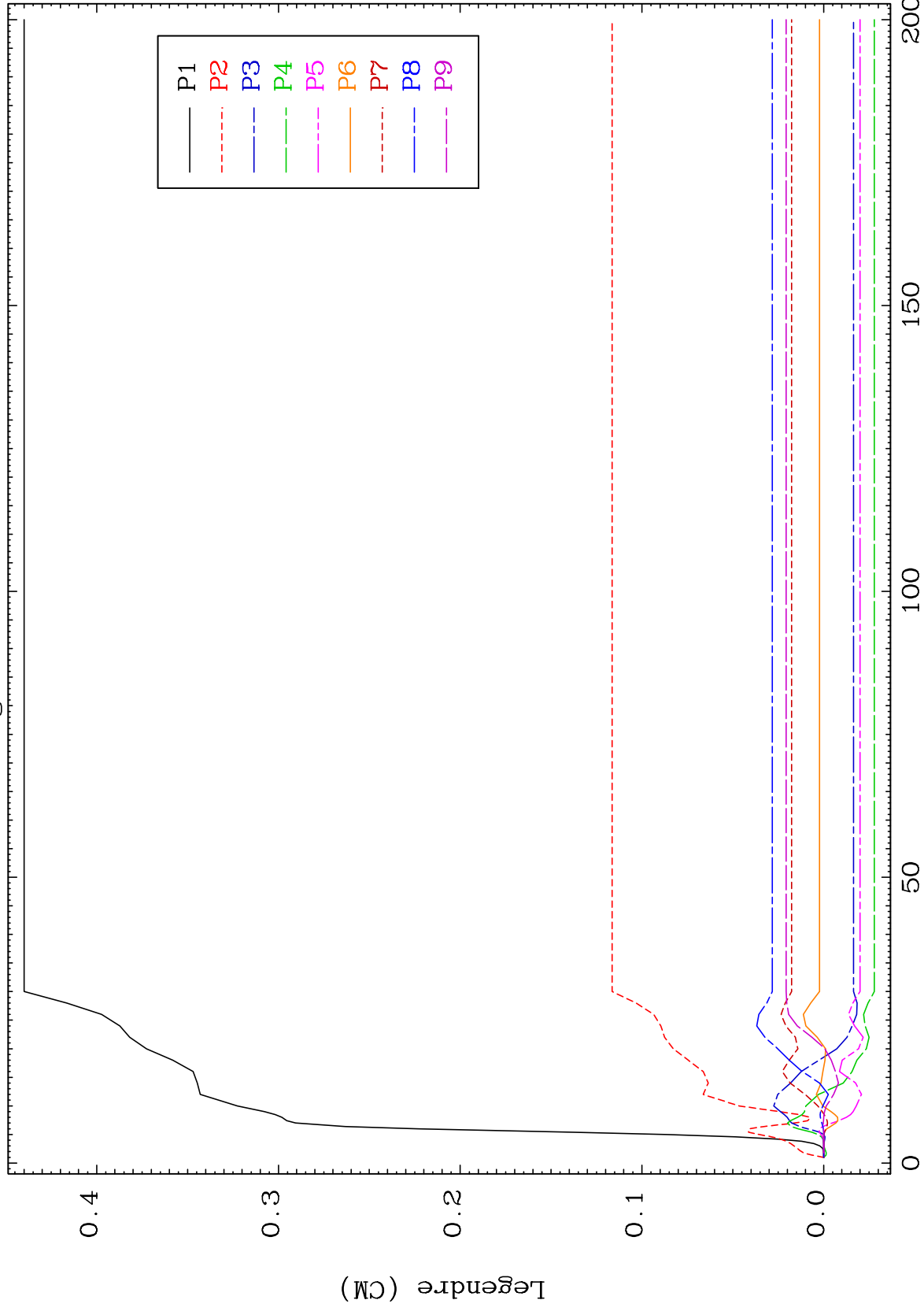
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

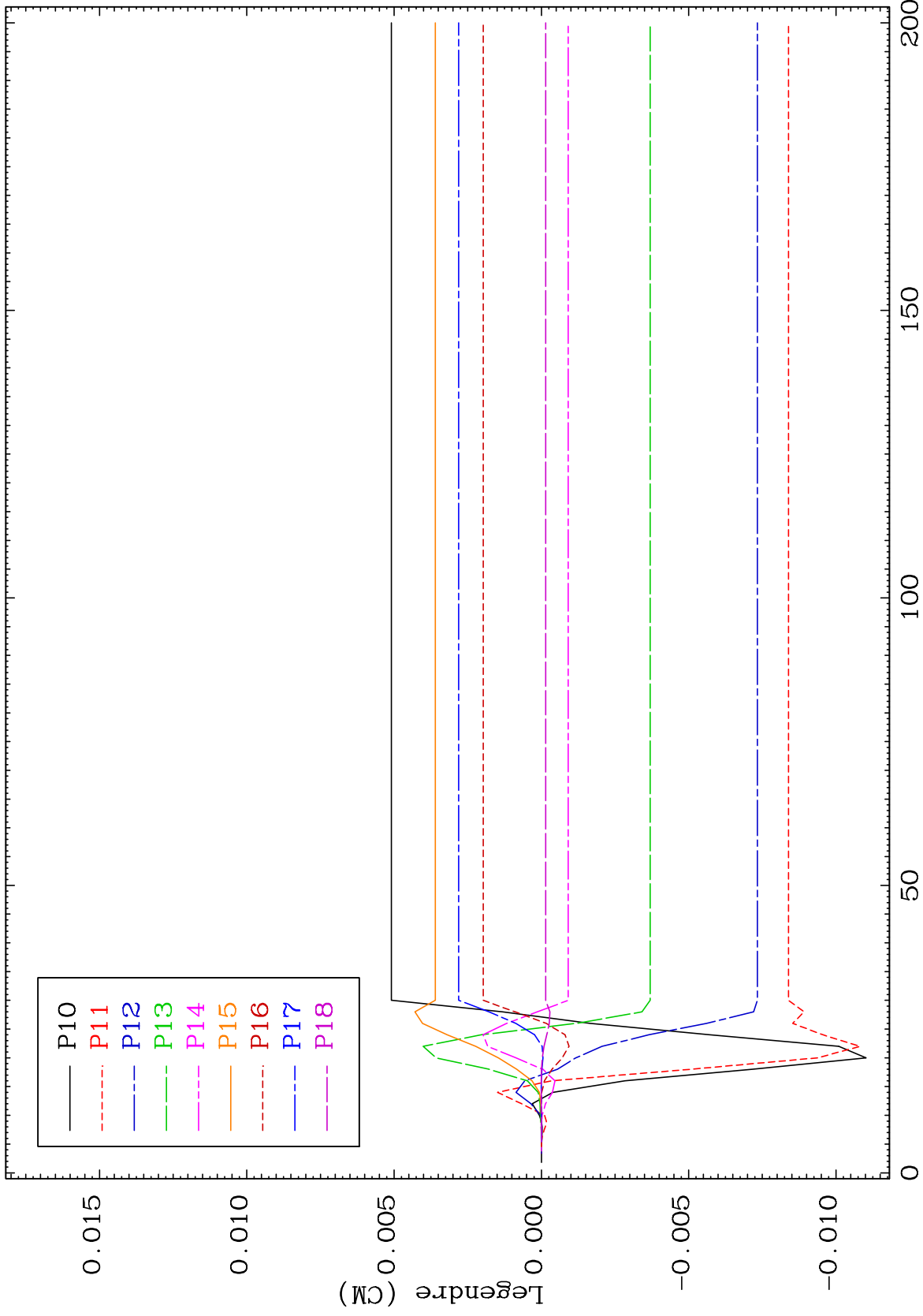
63-Eu-149



92

Incident Energy (MeV)

63-Eu-149

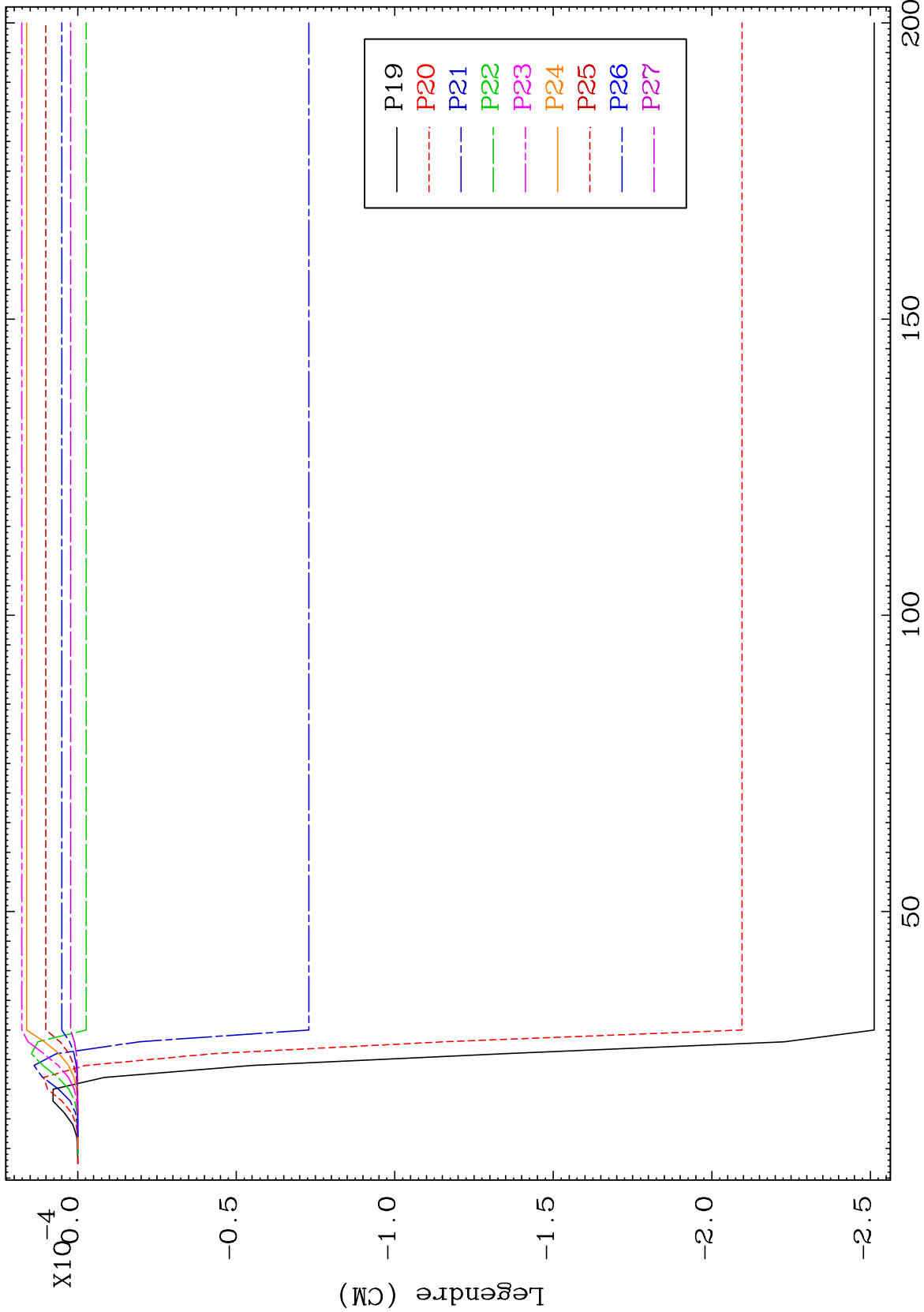


MAT 6319

MT= 69 (n,n') Level

63-Eu-149

Legendre Coefficients



94

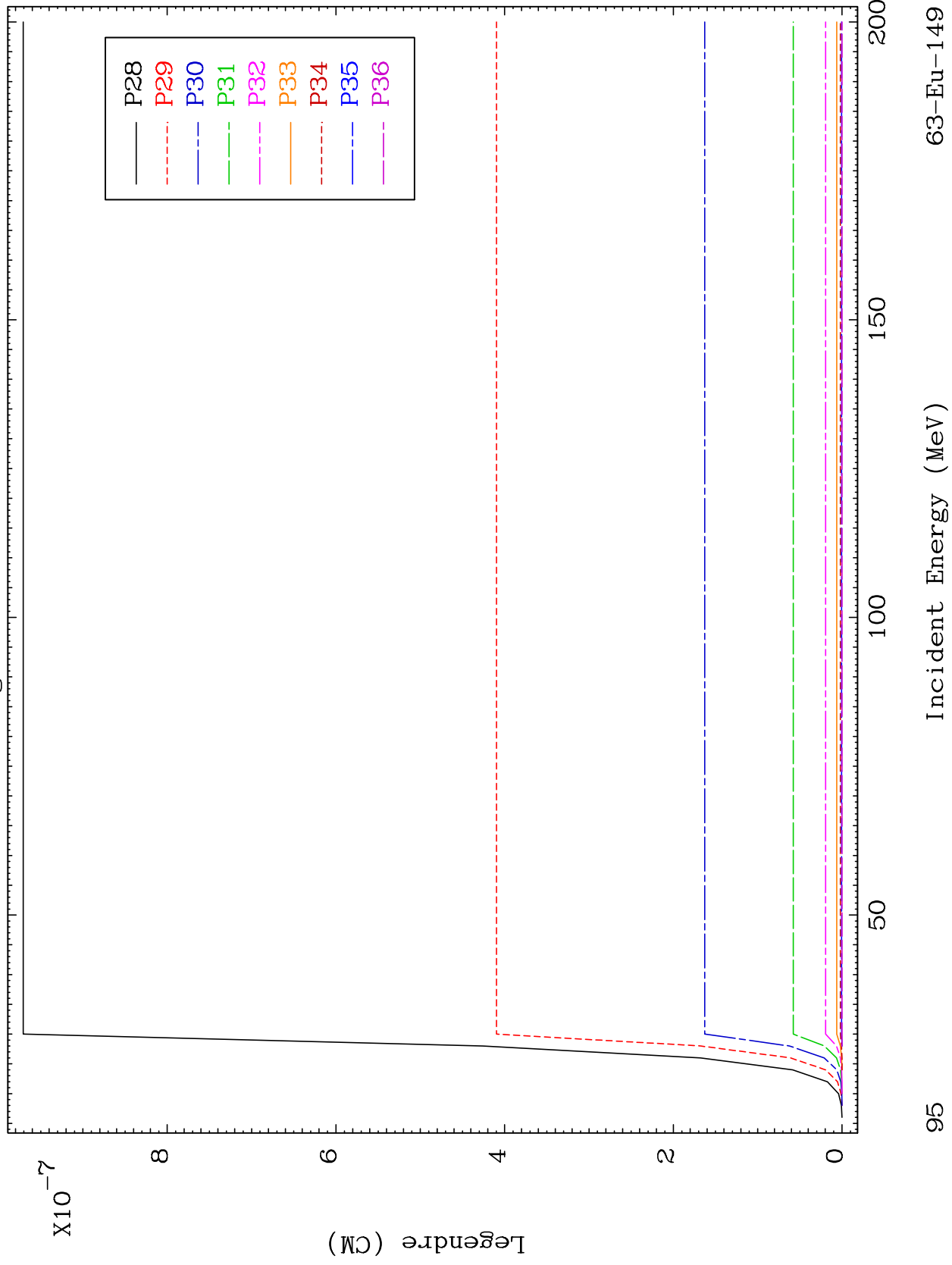
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149

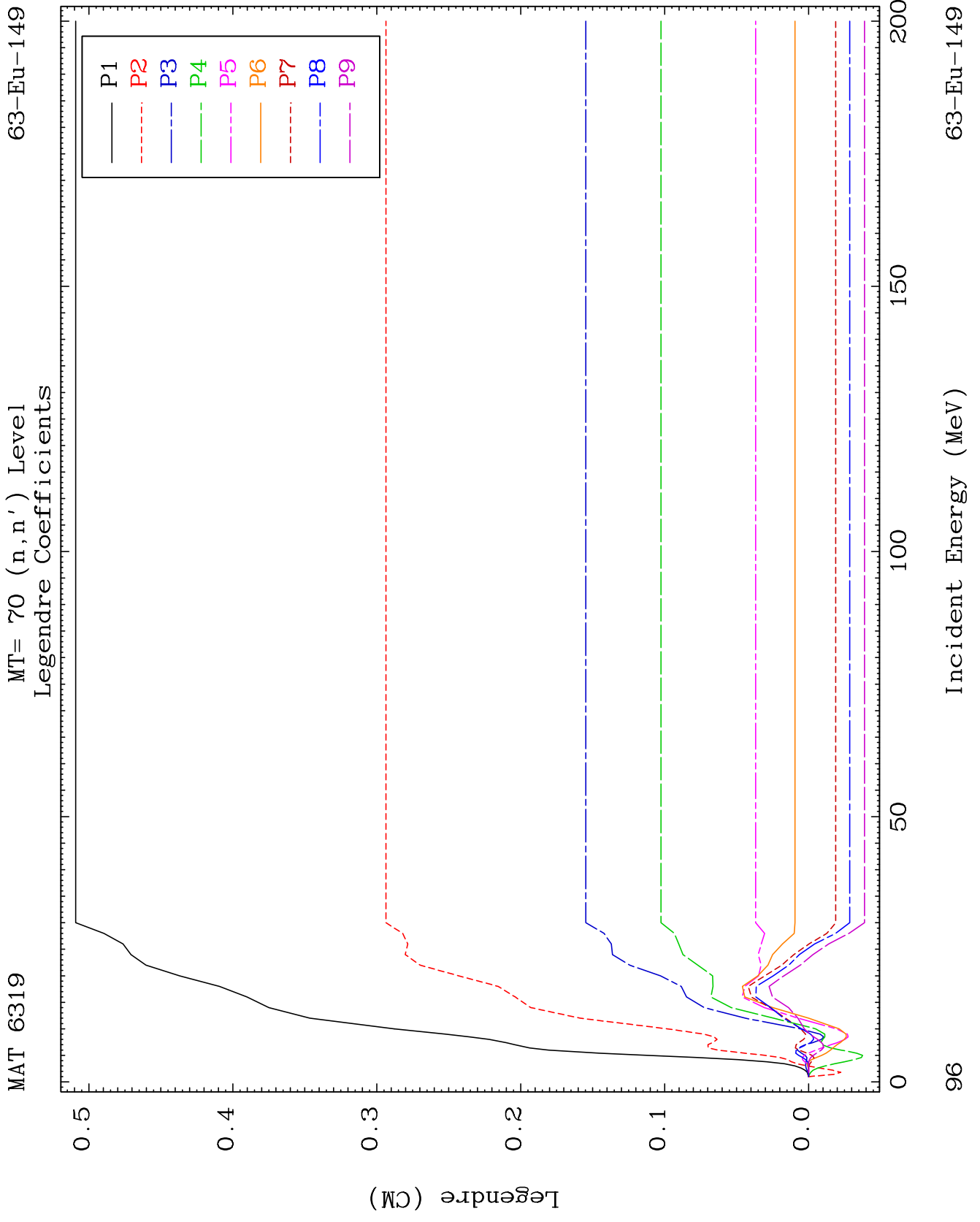


95

Incident Energy (MeV)

63-Eu-149

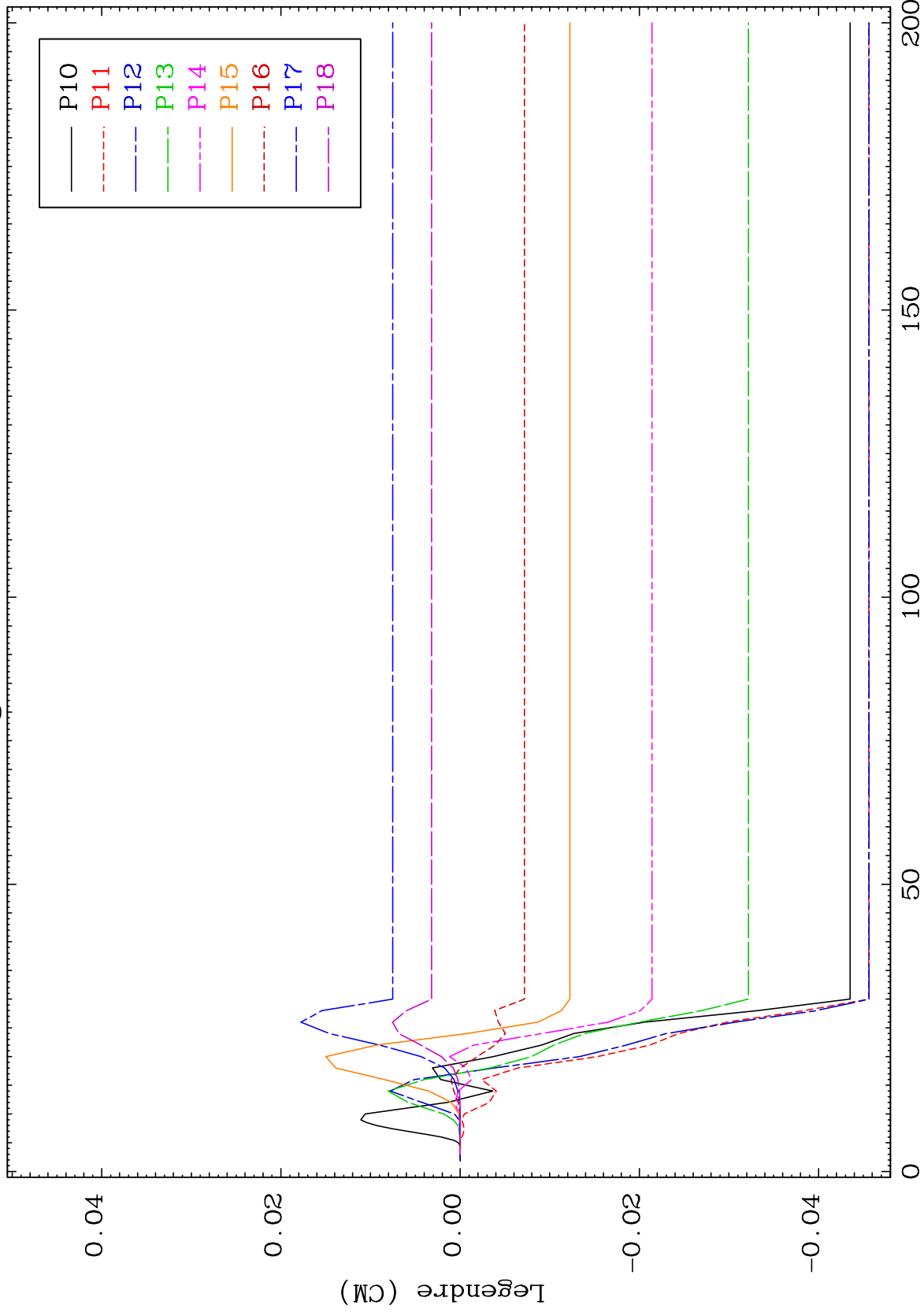




MAT 6319

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

63-Eu-149



97

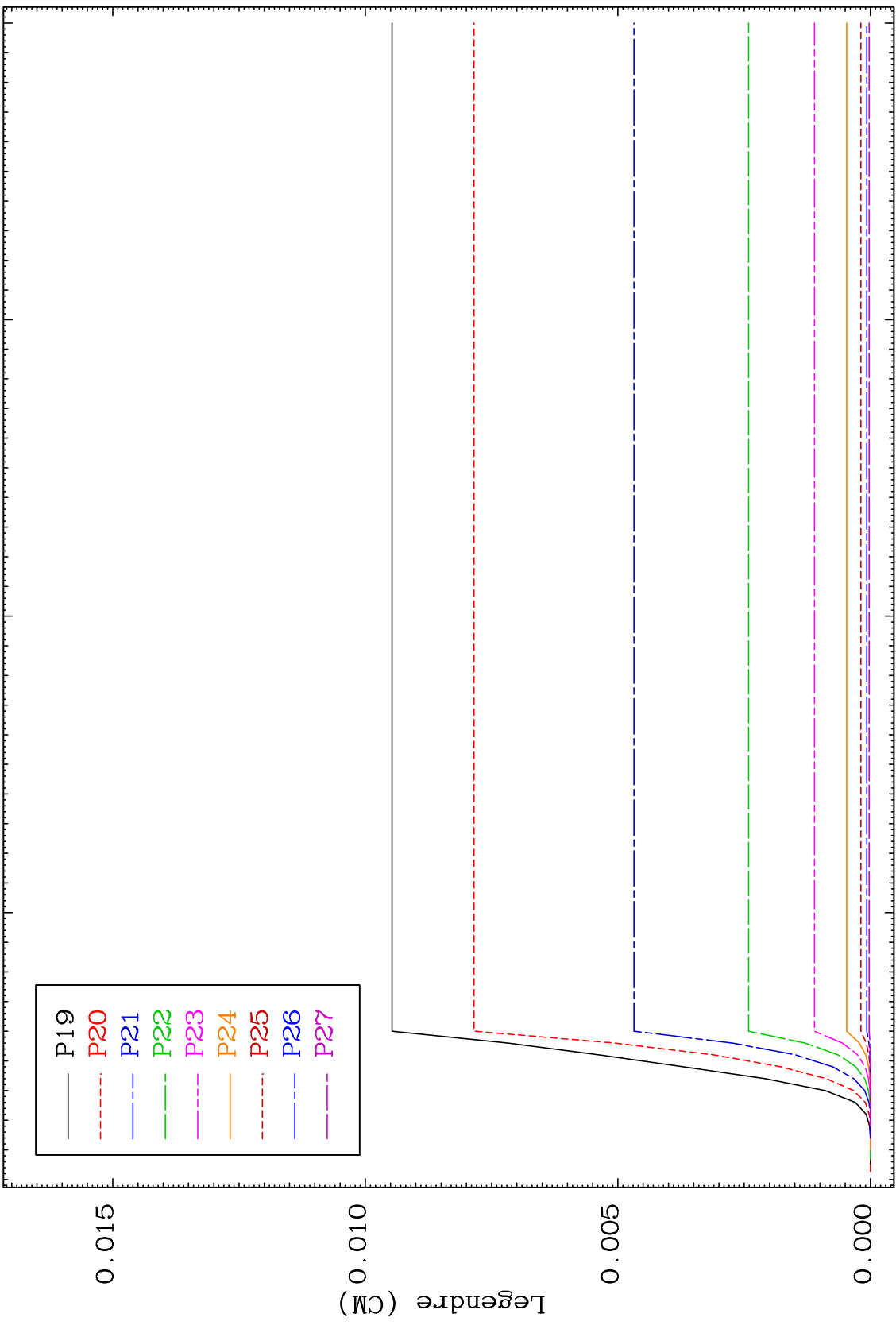
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



98

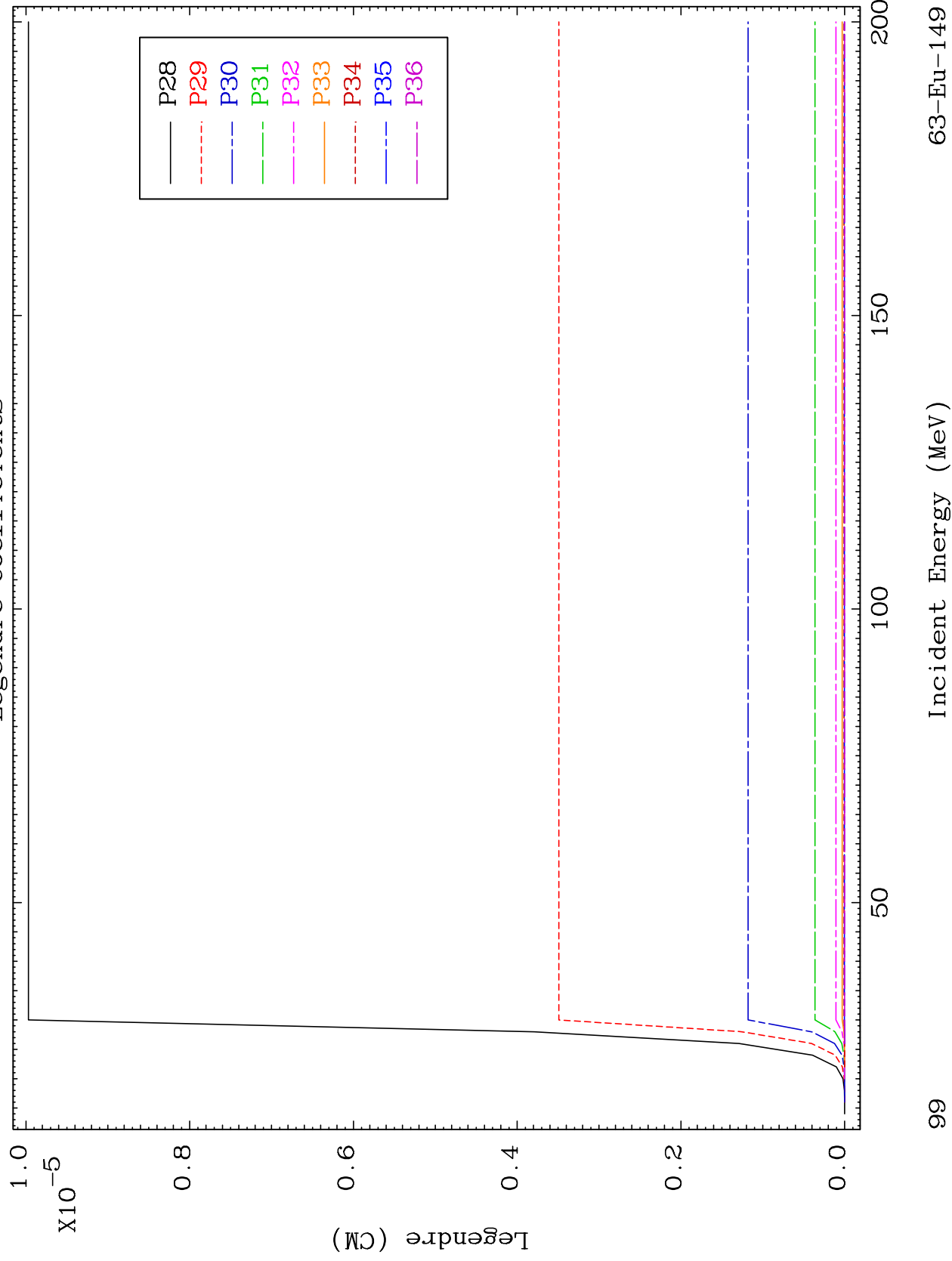
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



99

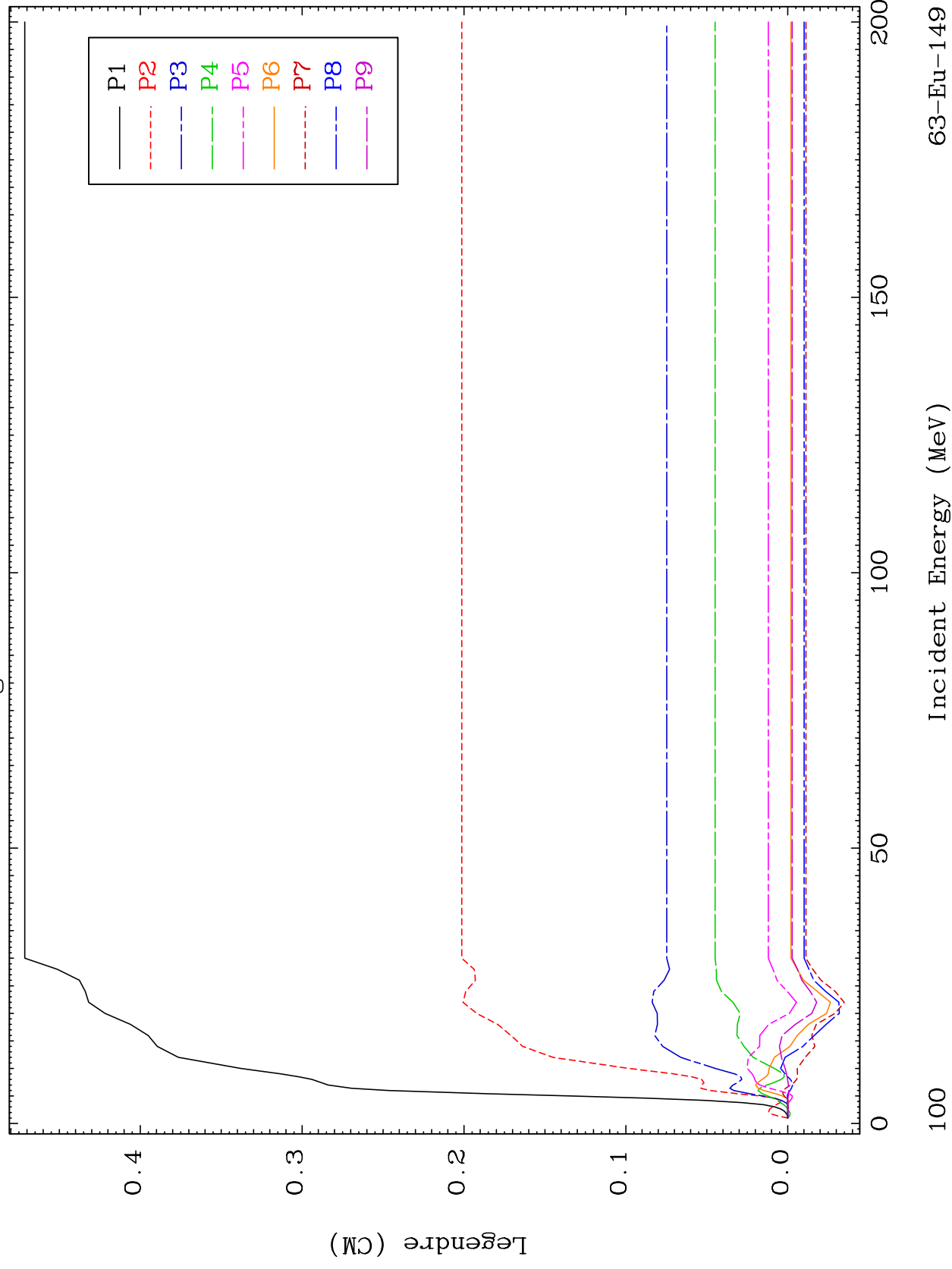
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149

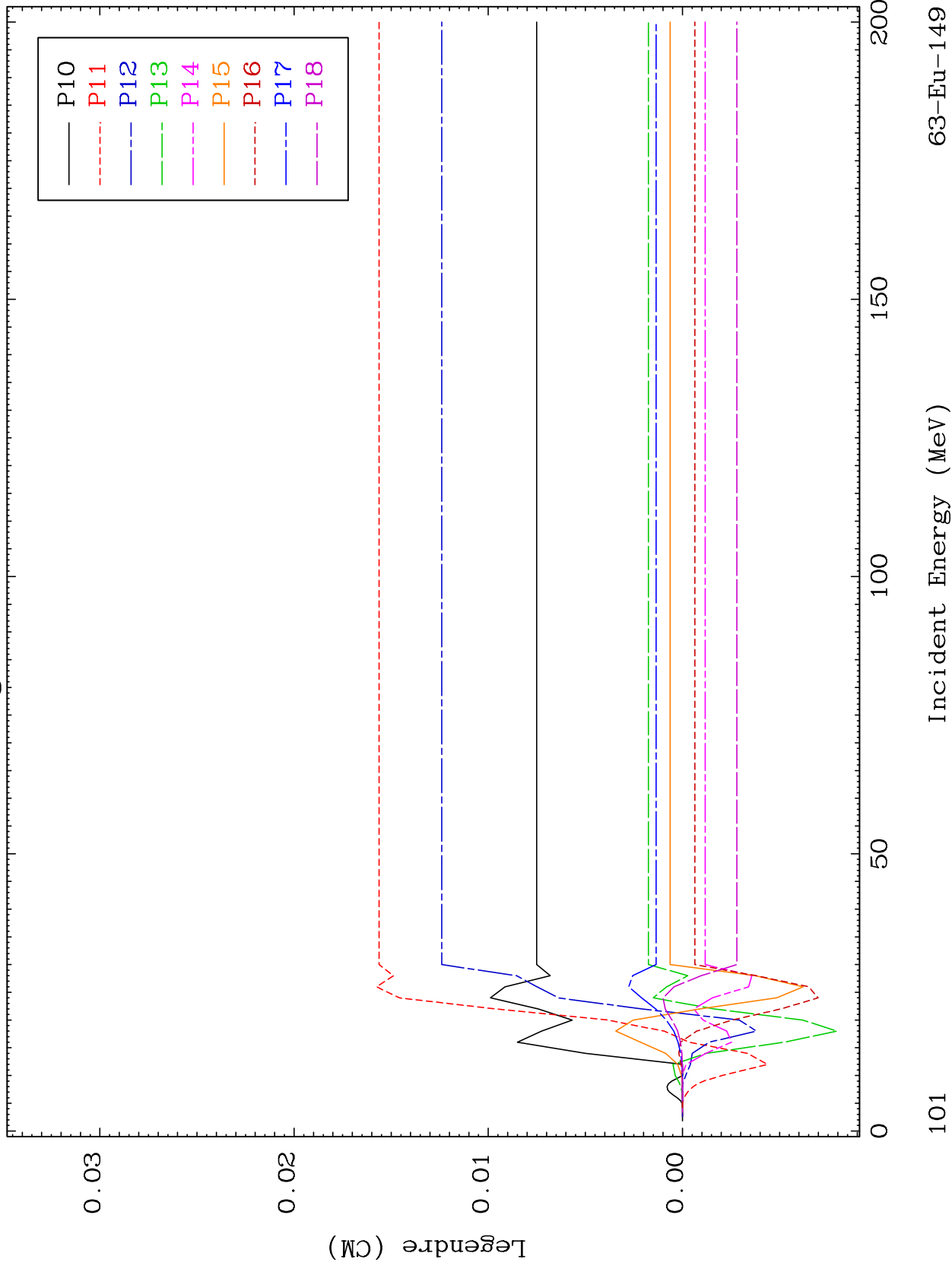


63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

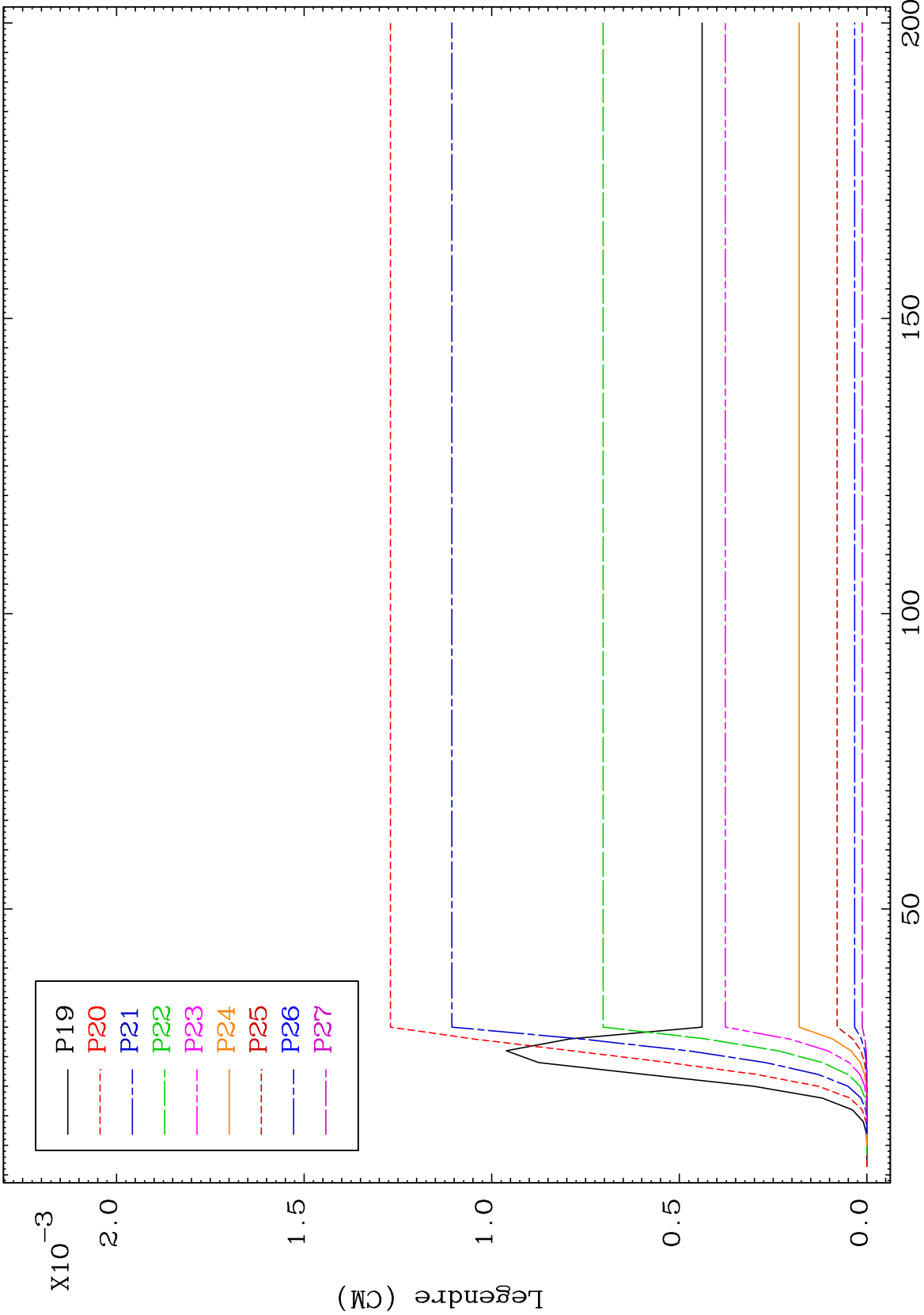
Incident Energy (MeV)

101

MAT 6319

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

63-Eu-149



102

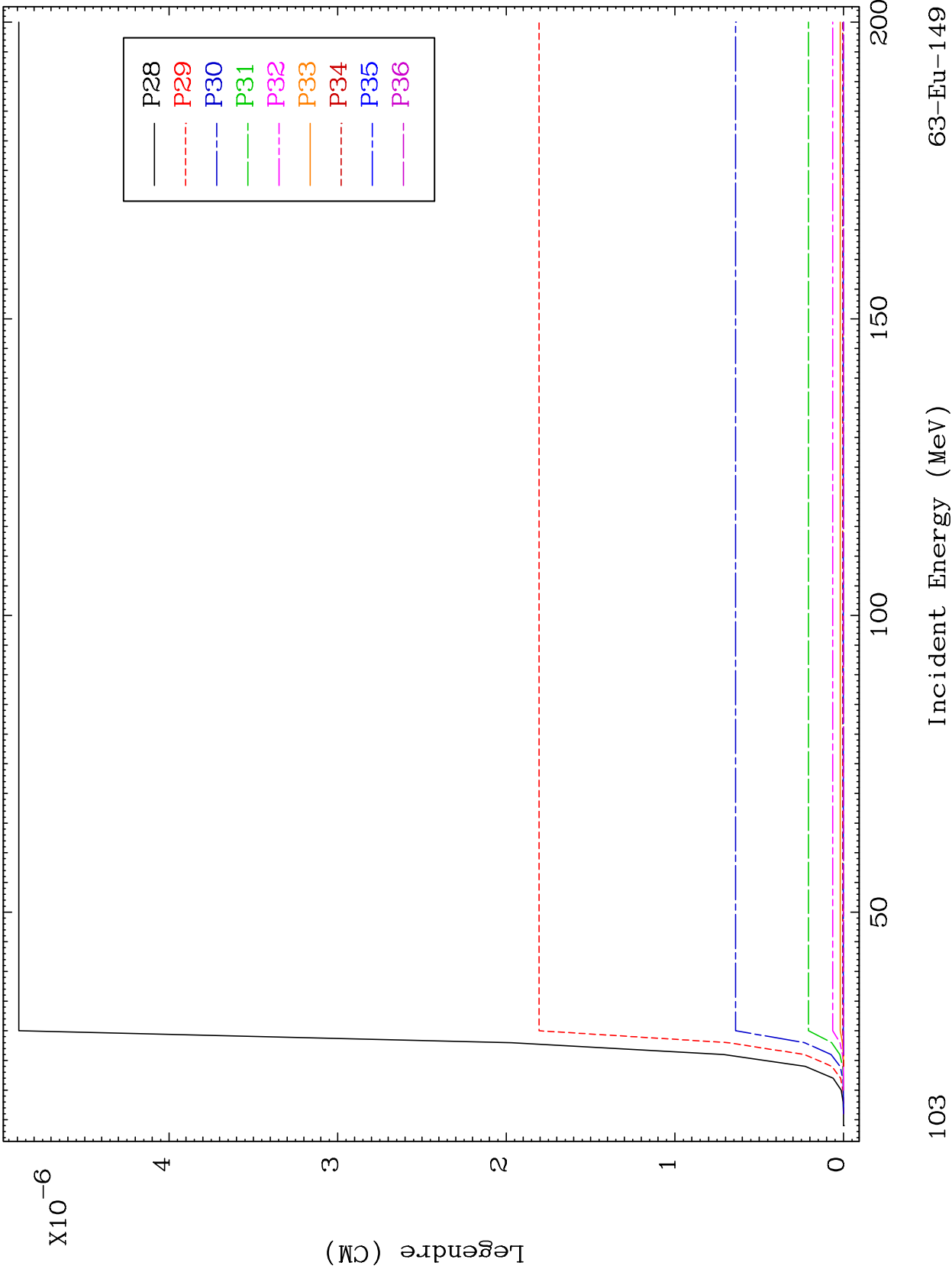
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



103

Incident Energy (MeV)

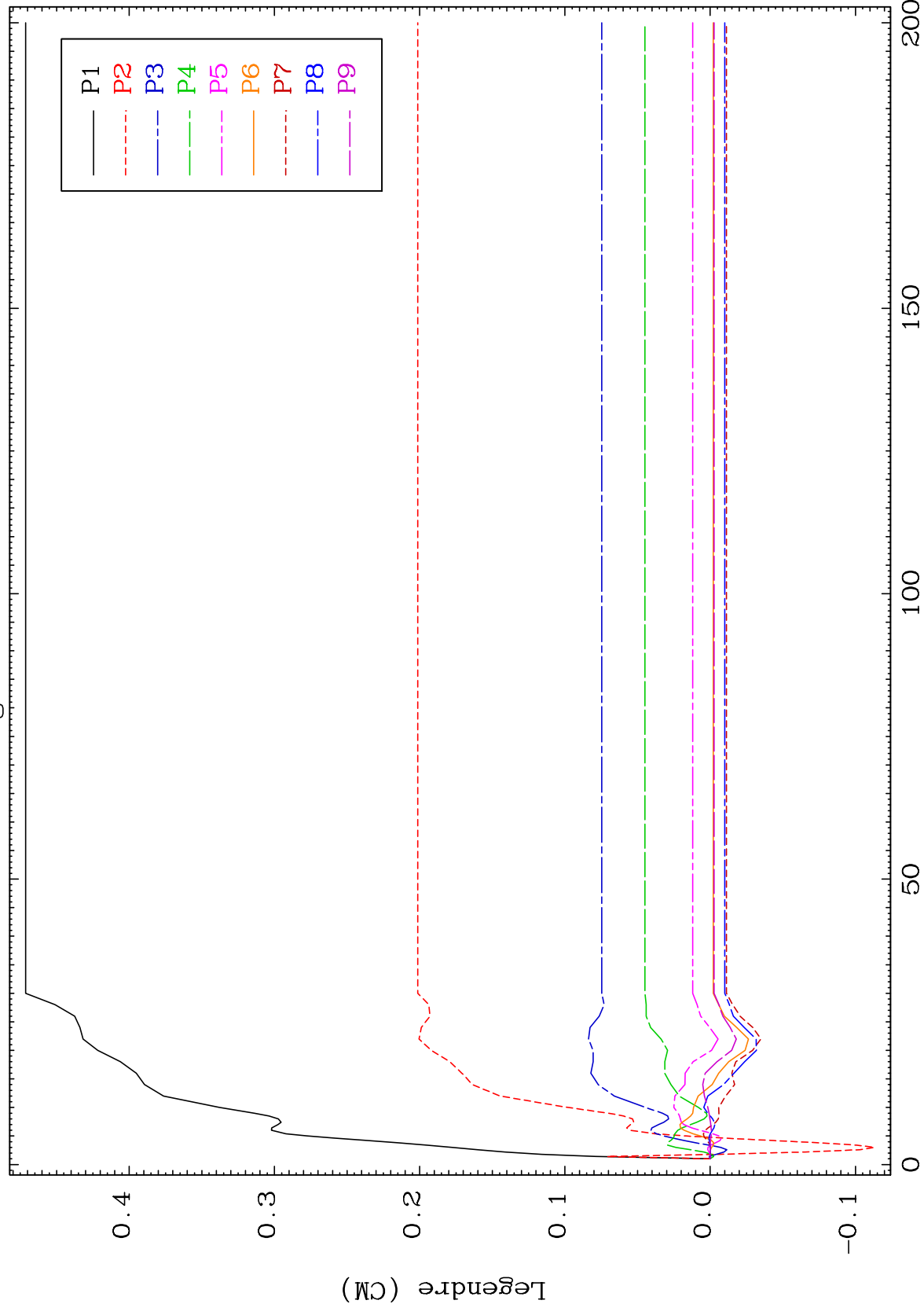
63-Eu-149



MAT 6319

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

63-Eu-149



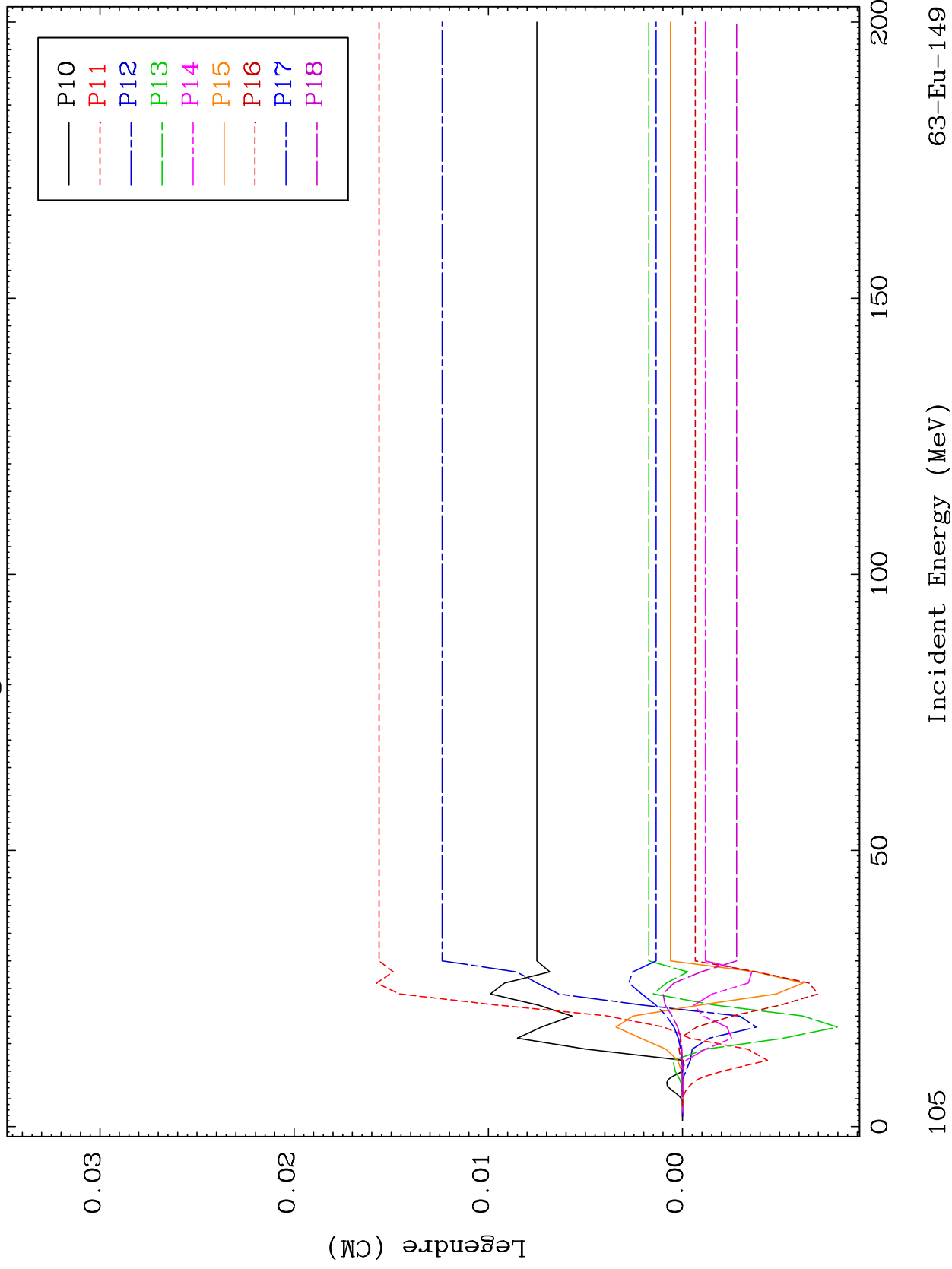
104

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

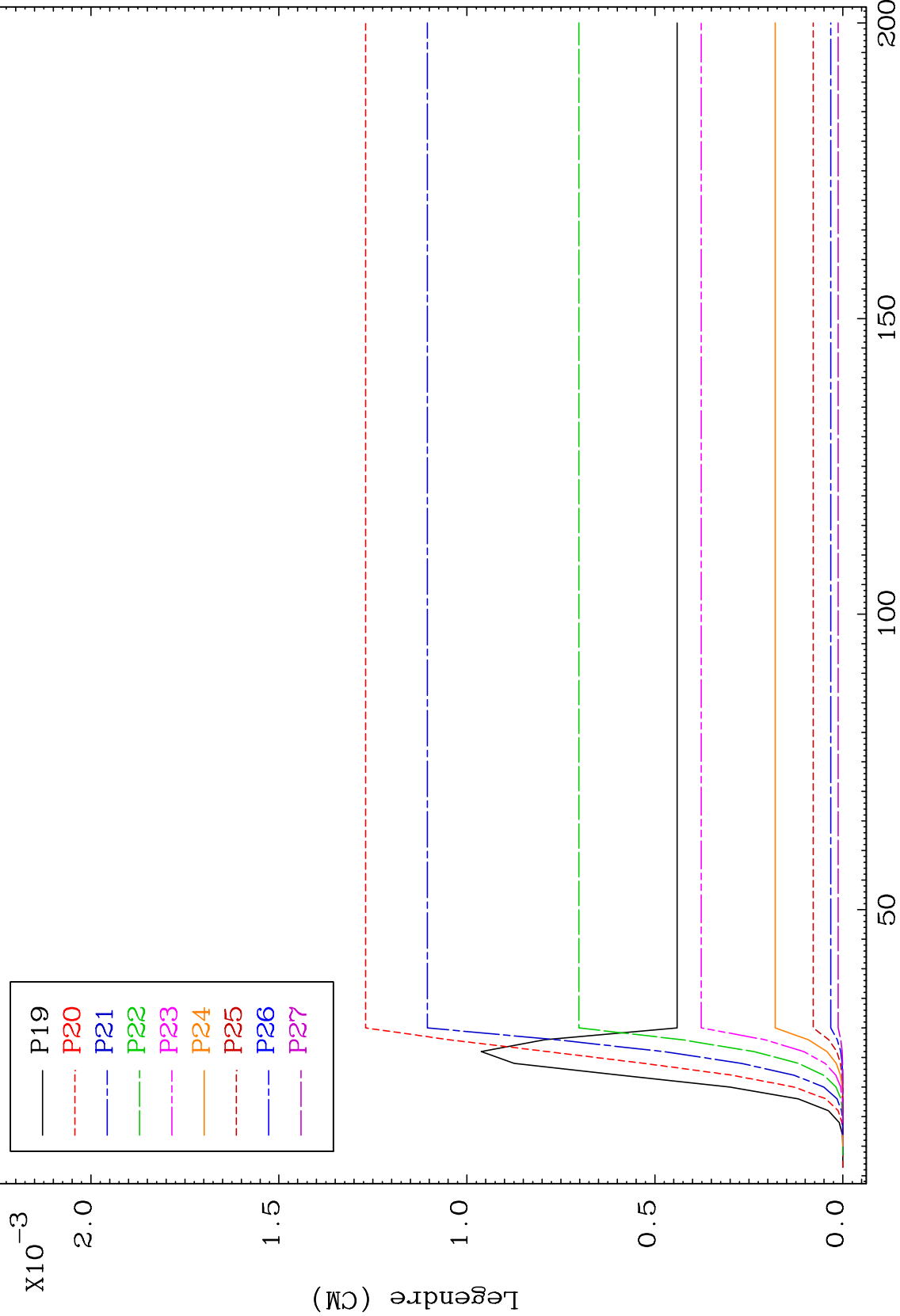
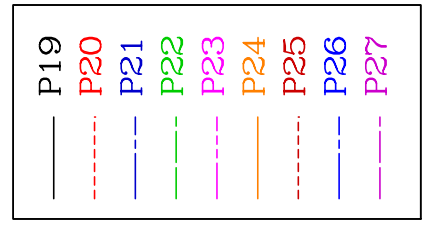
Incident Energy (MeV)

105

MAT 6319

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

63-Eu-149



106

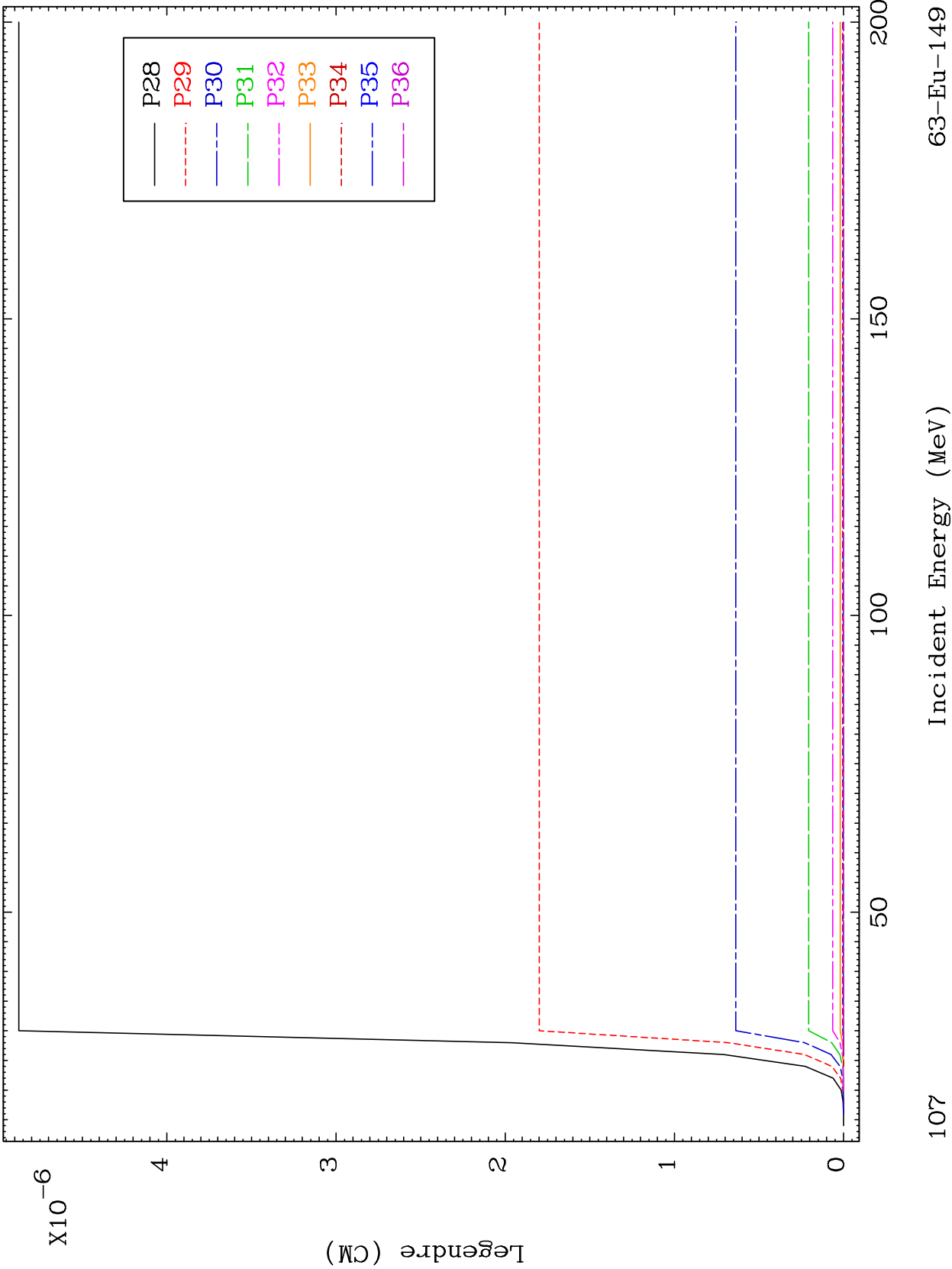
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

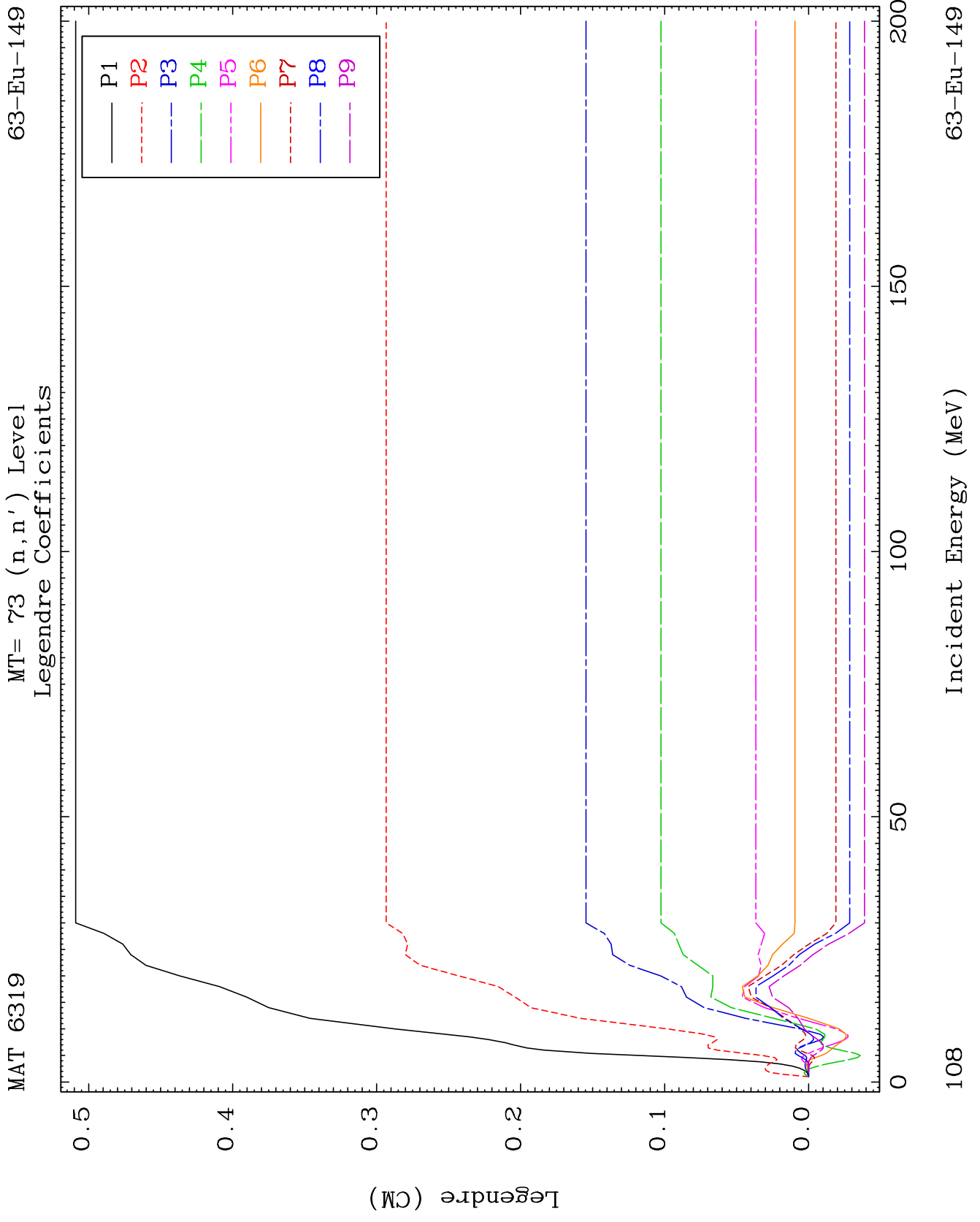
63-Eu-149



107

Incident Energy (MeV)

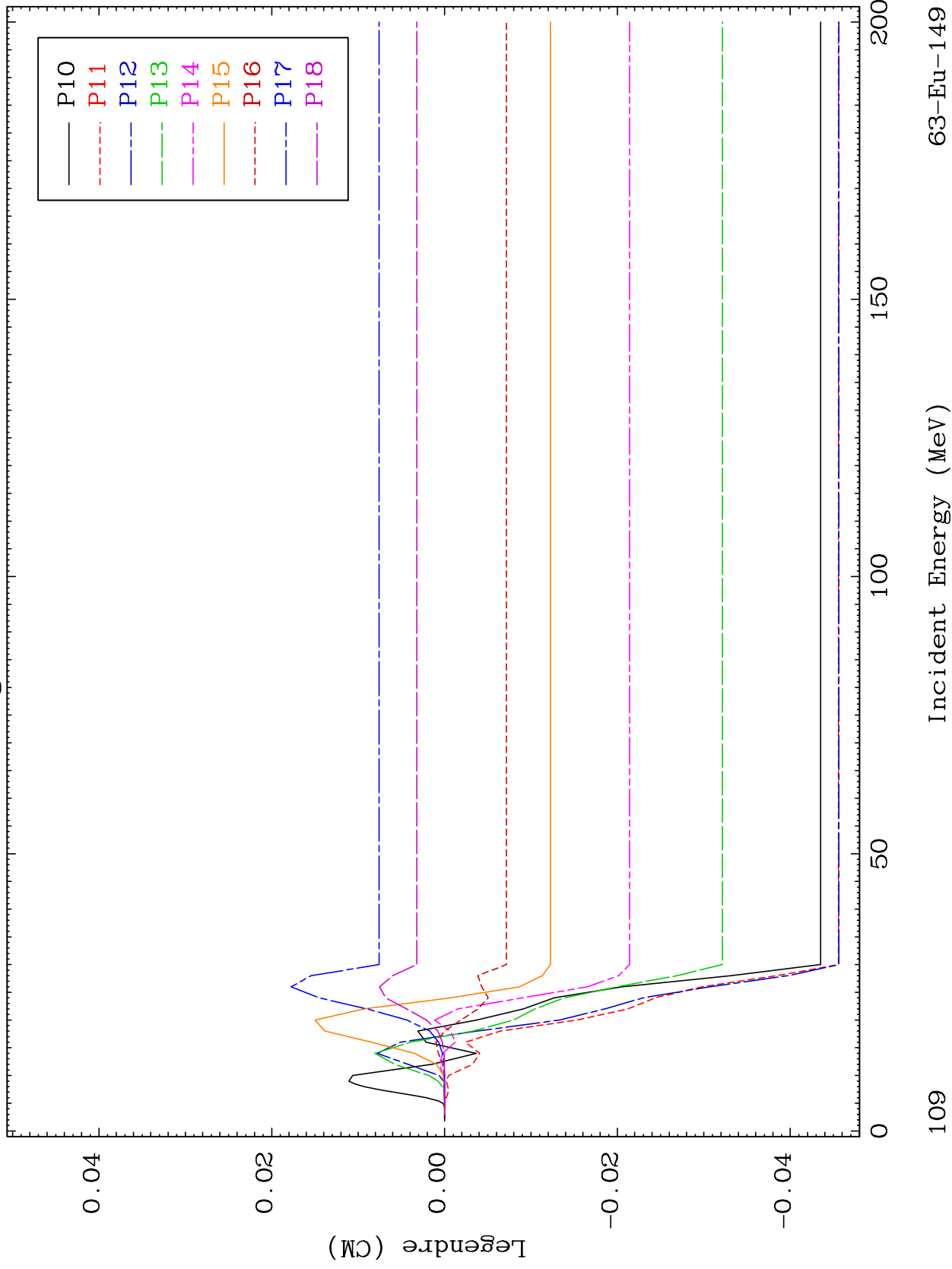
63-Eu-149



MAT 6319

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

63-Eu-149



63-Eu-149

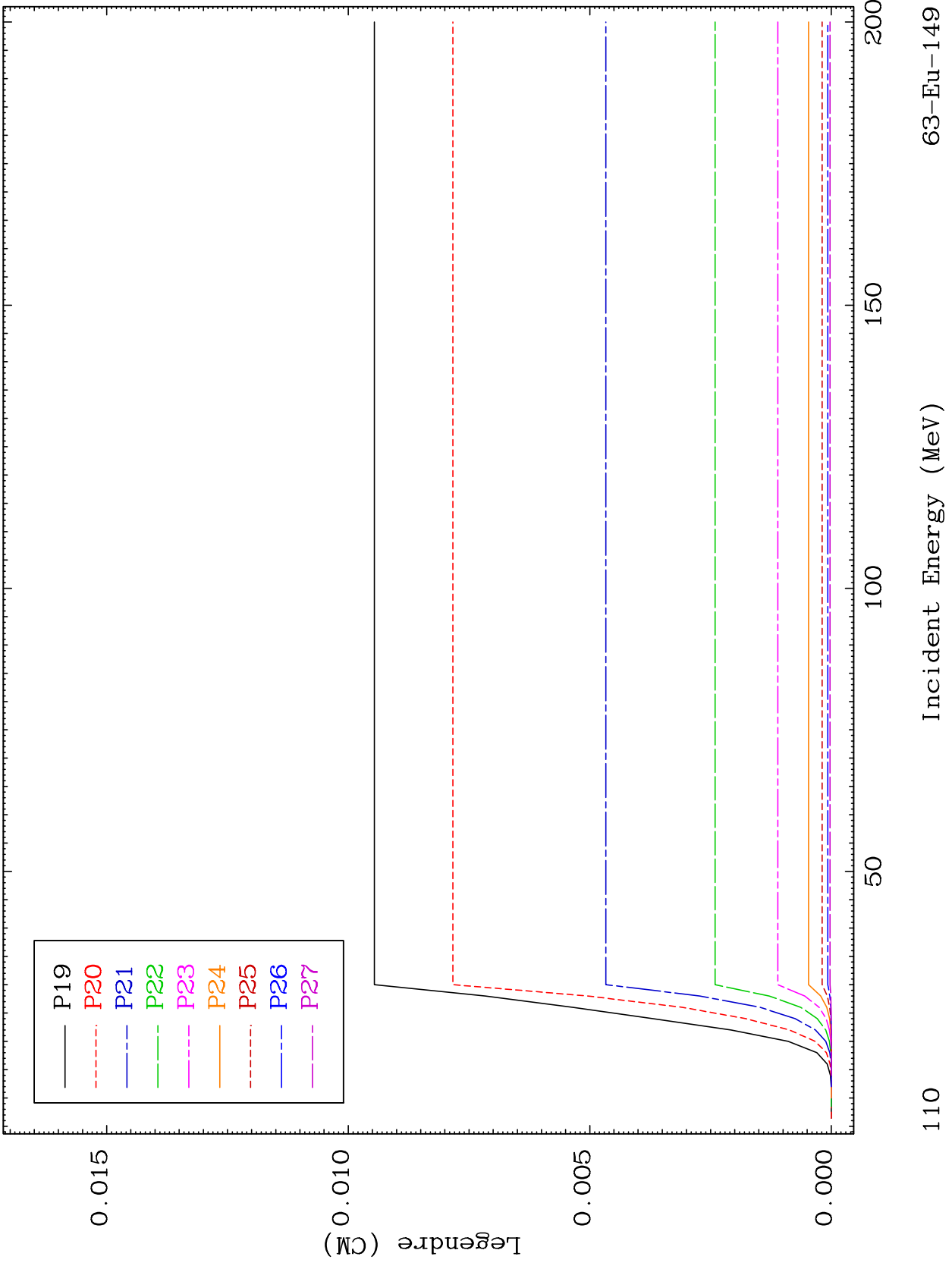
Incident Energy (MeV)

109

MAT 6319

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

63-Eu-149



110

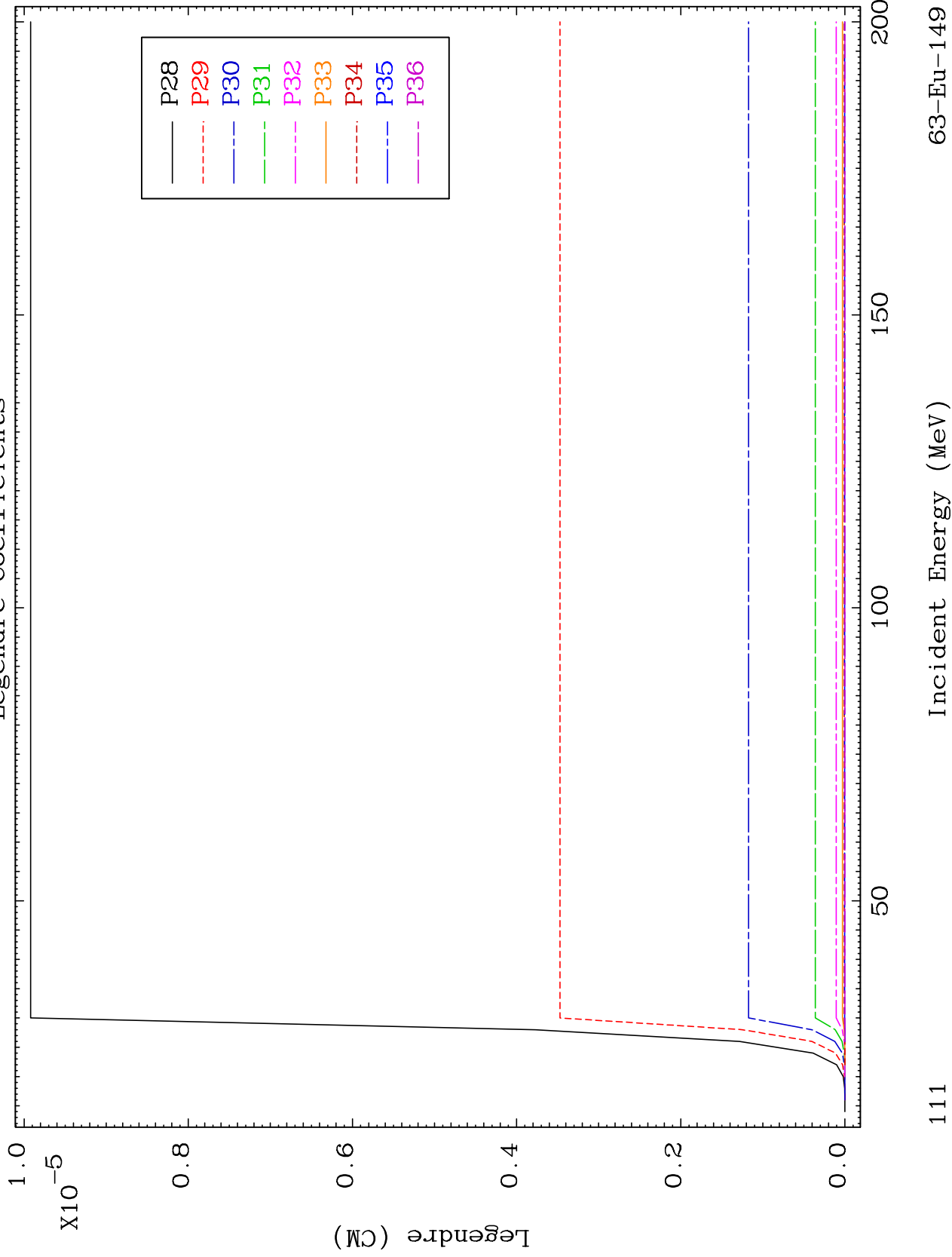
Incident Energy (MeV)

63-Eu-149

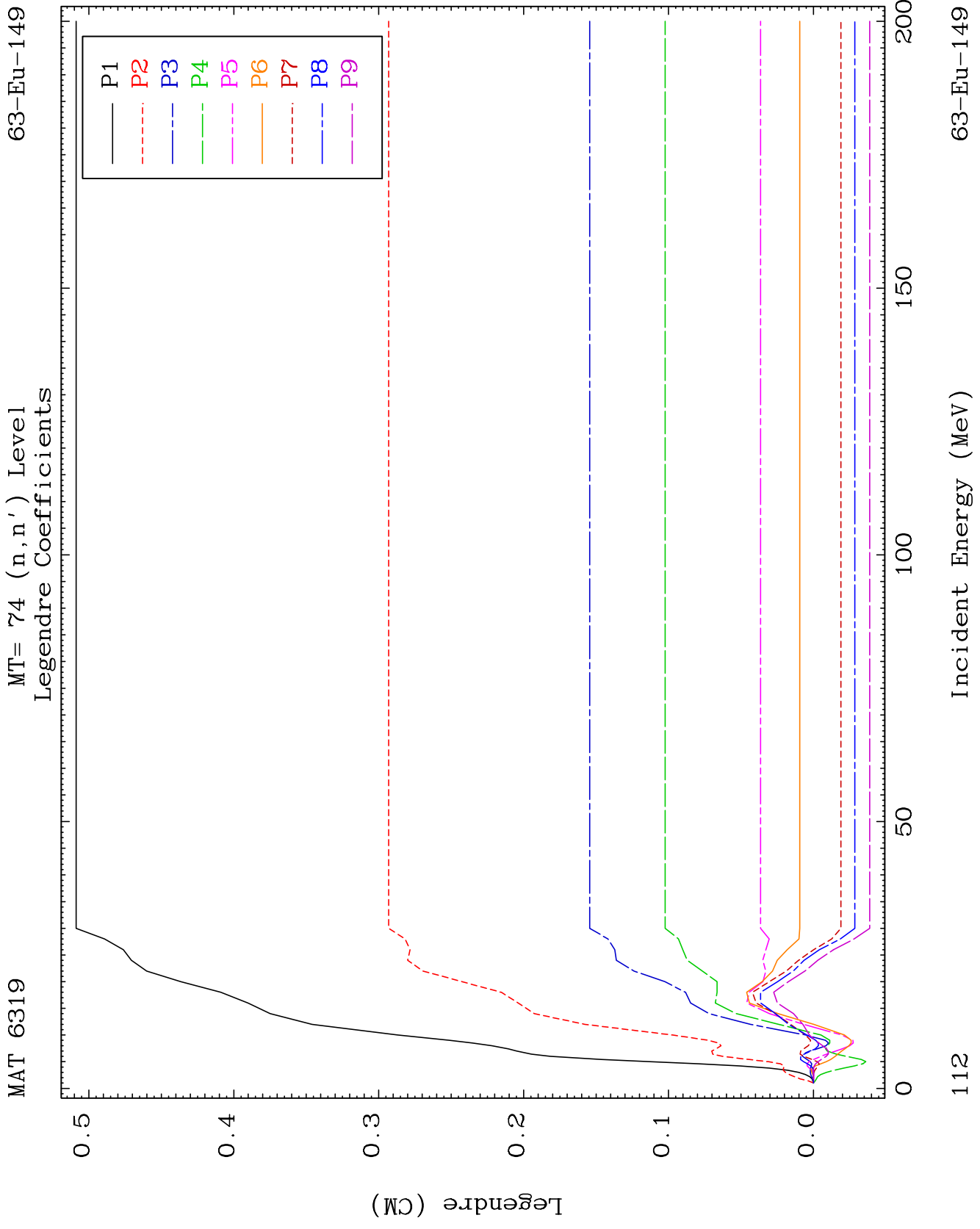
MAT 6319

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

63-Eu-149



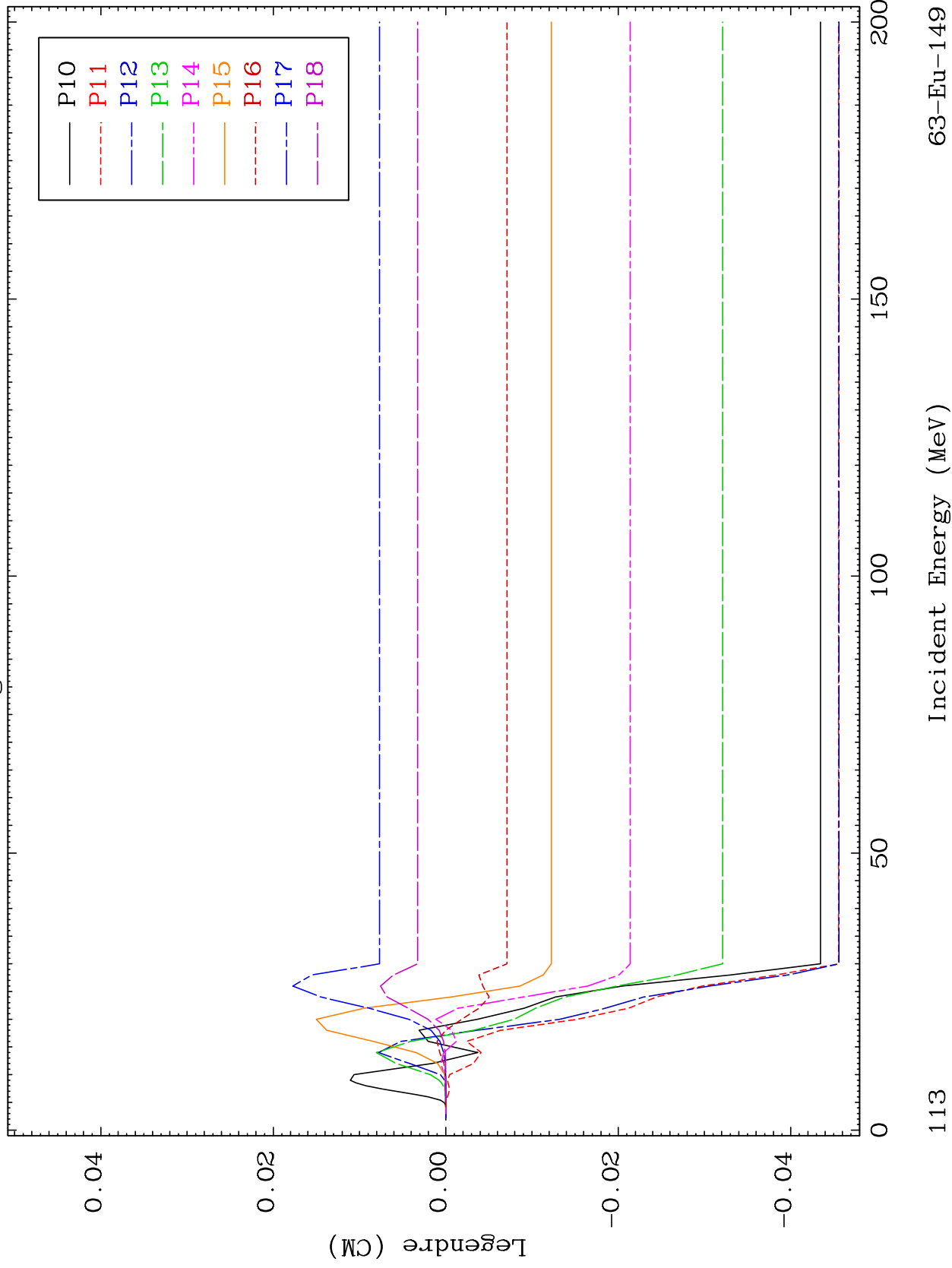




MAT 6319

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

63-Eu-149



113

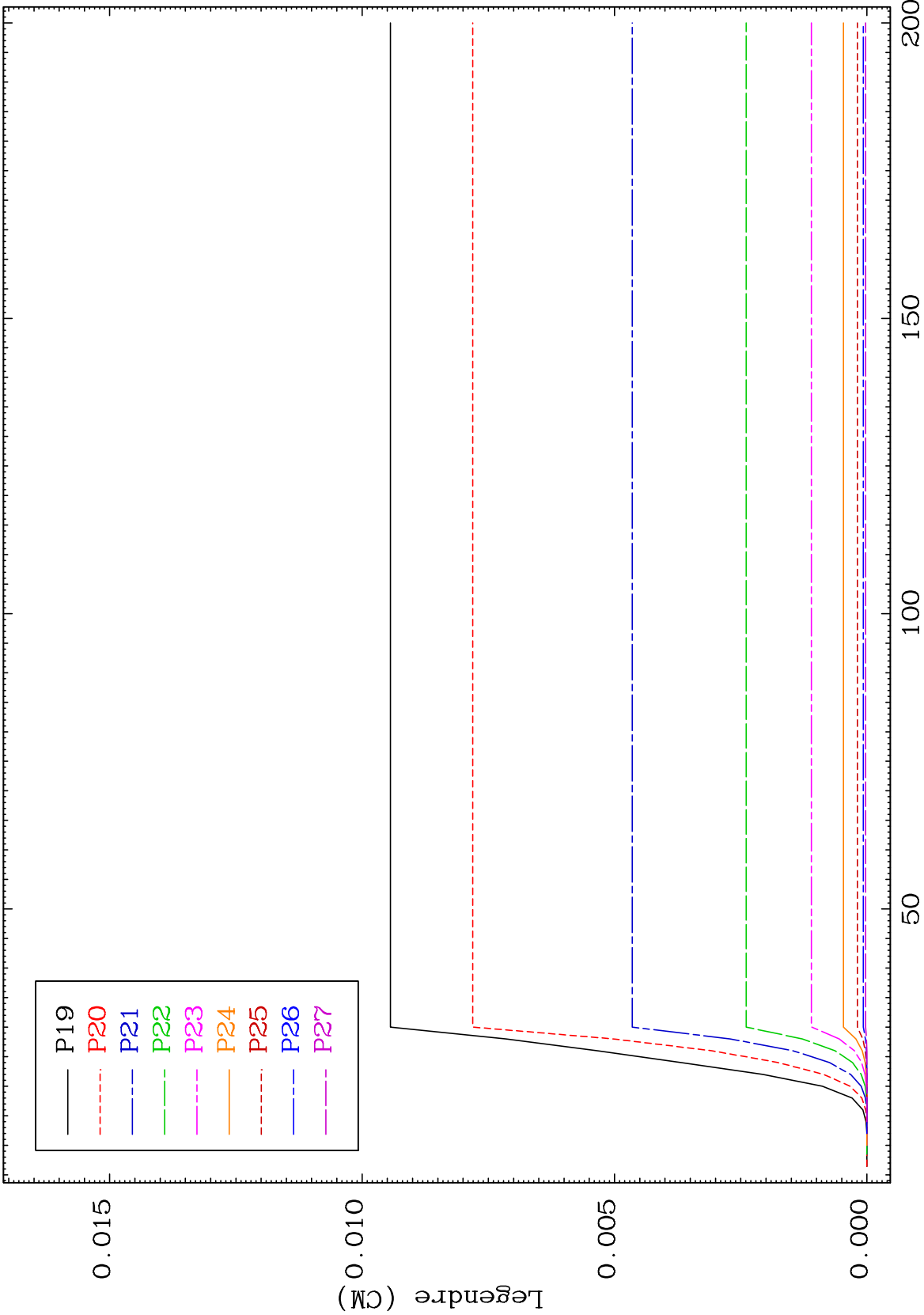
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



114

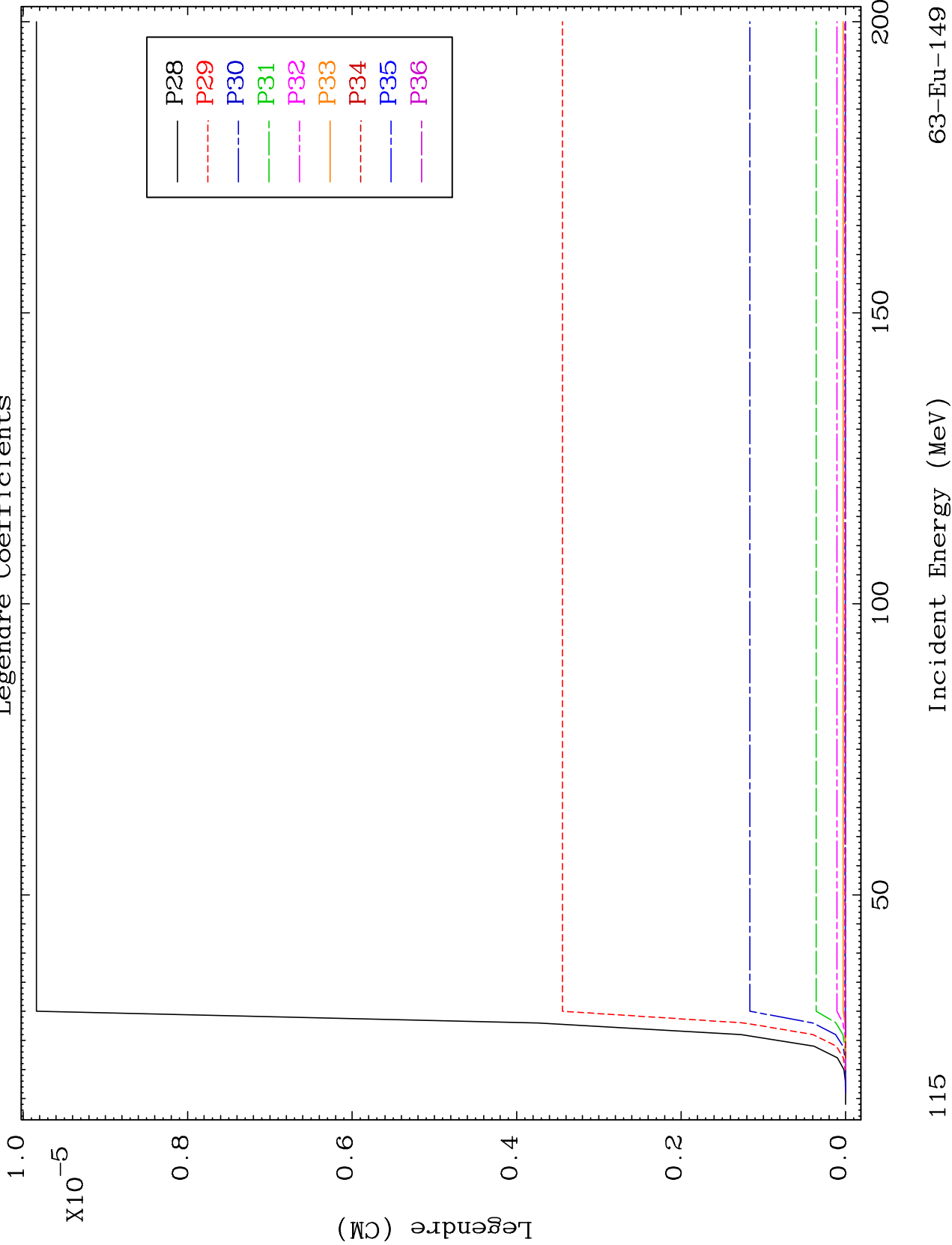
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



115

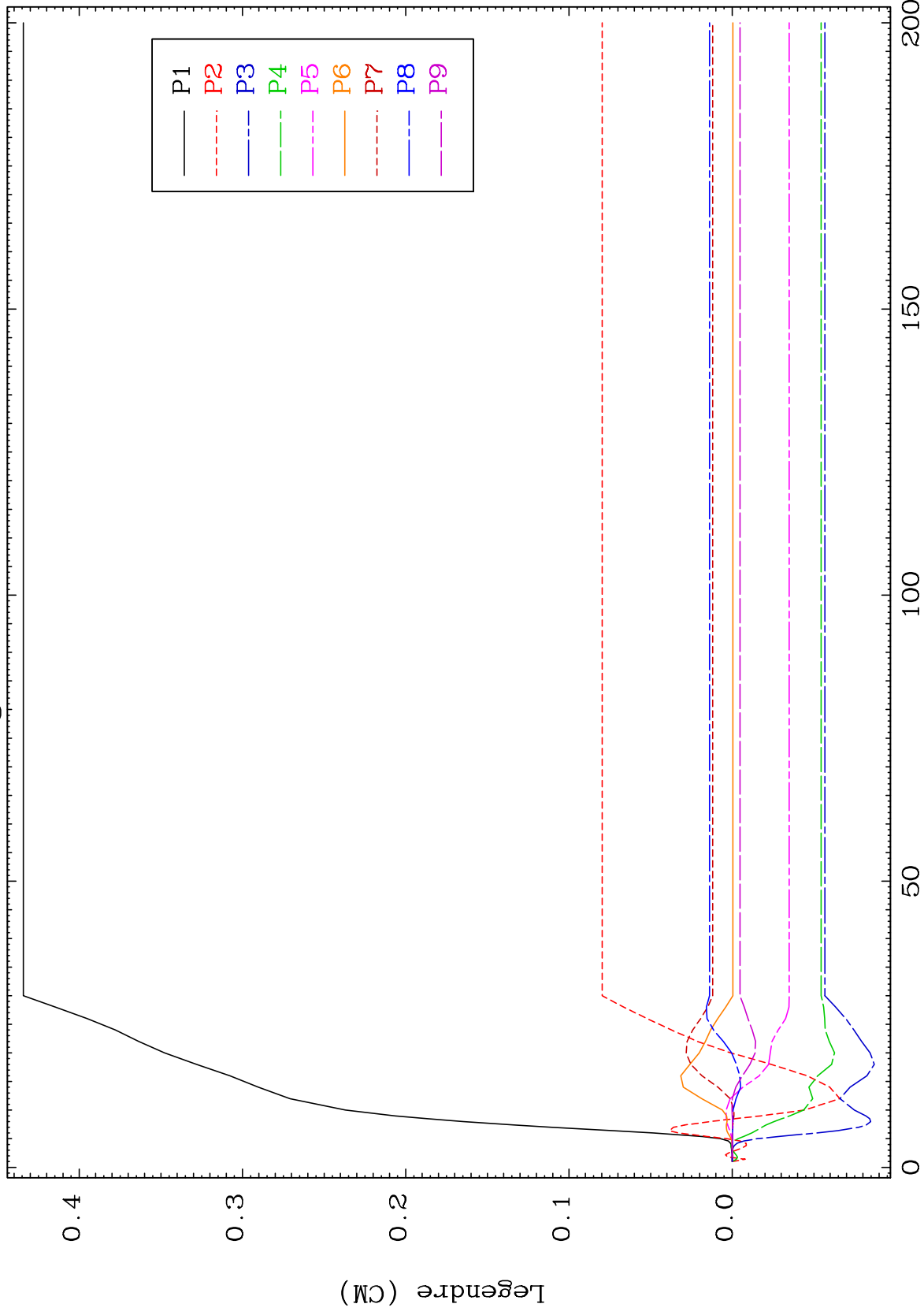
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

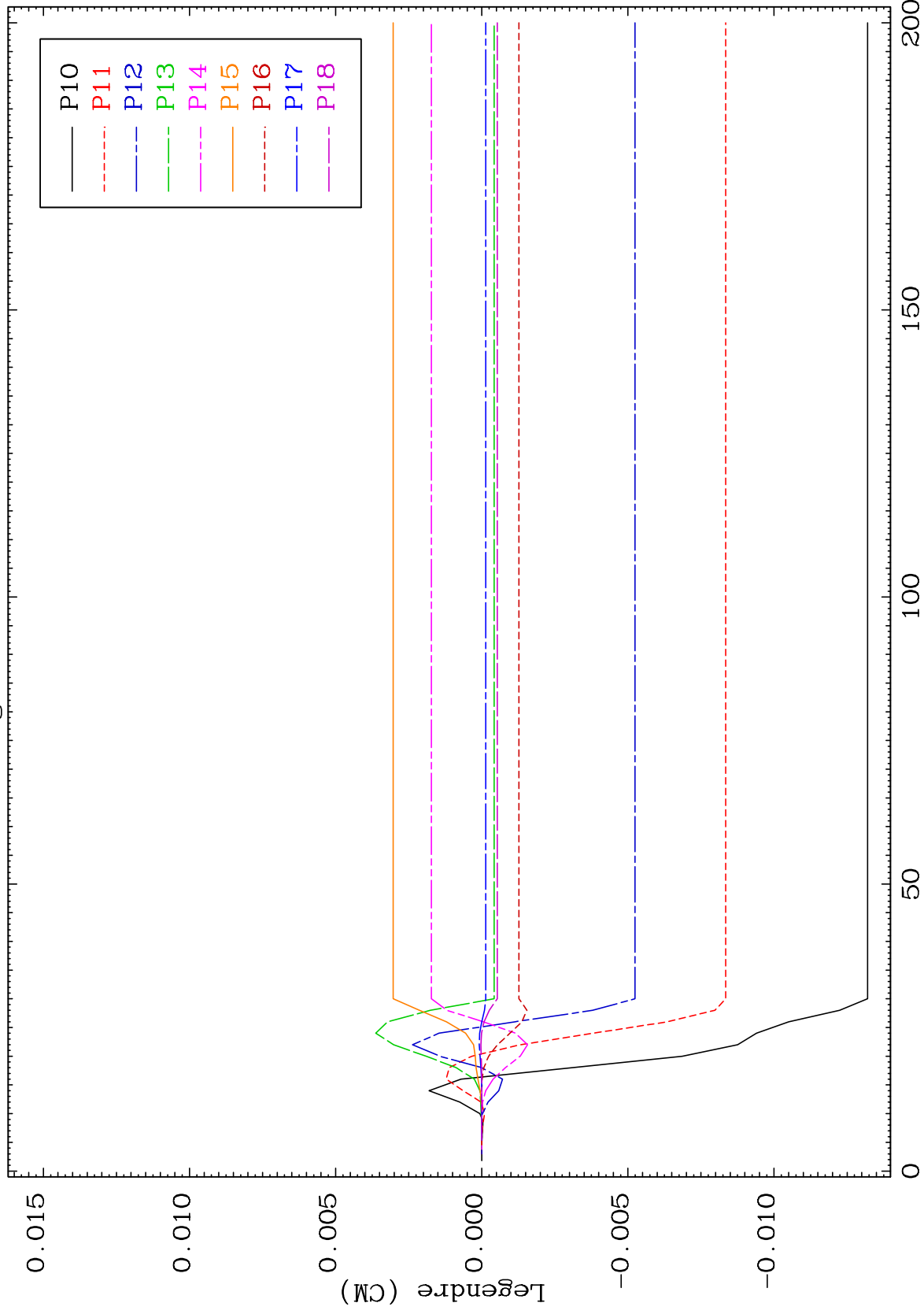
Incident Energy (MeV)

116

MAT 6319

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

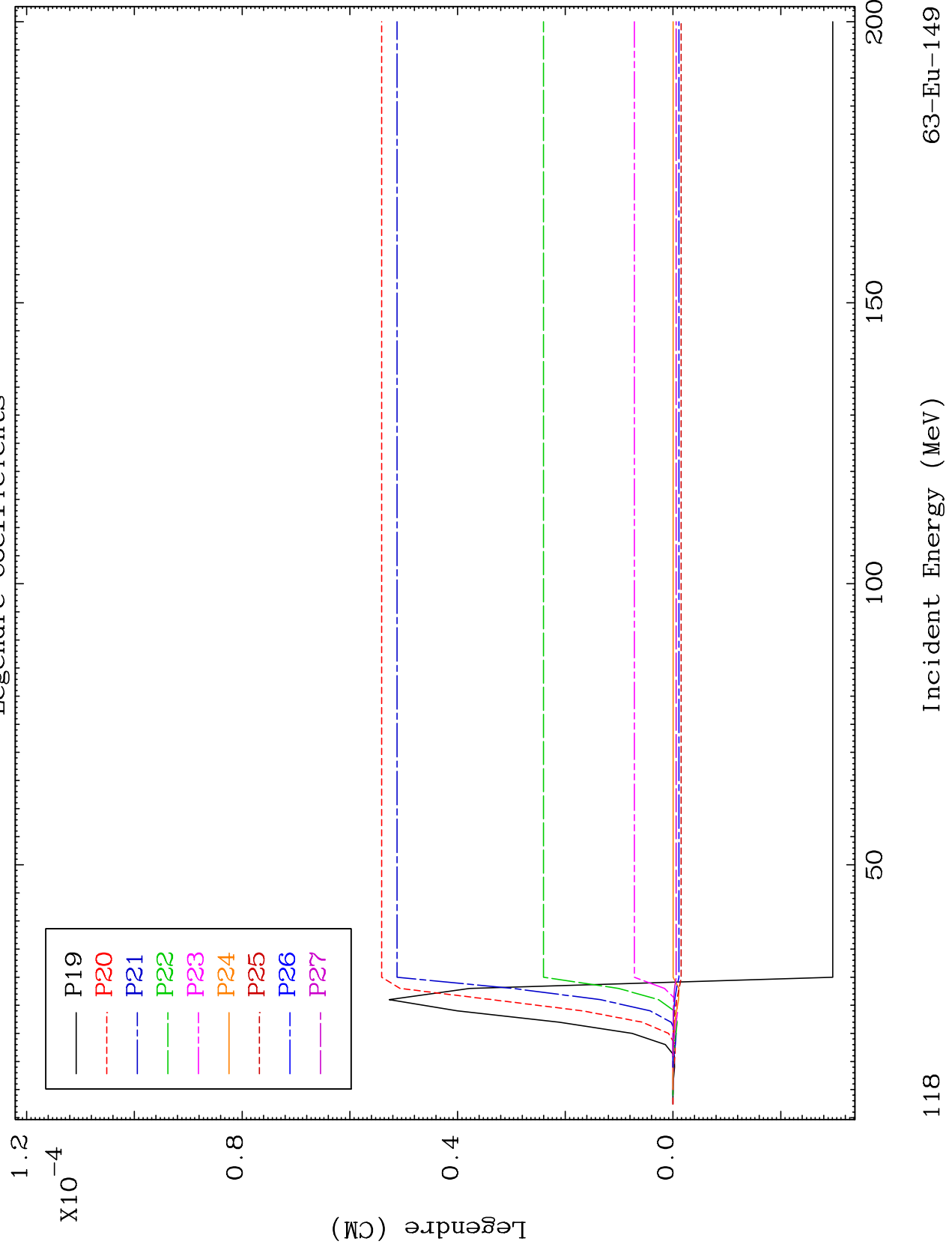
63-Eu-149



117

Incident Energy (MeV)

63-Eu-149

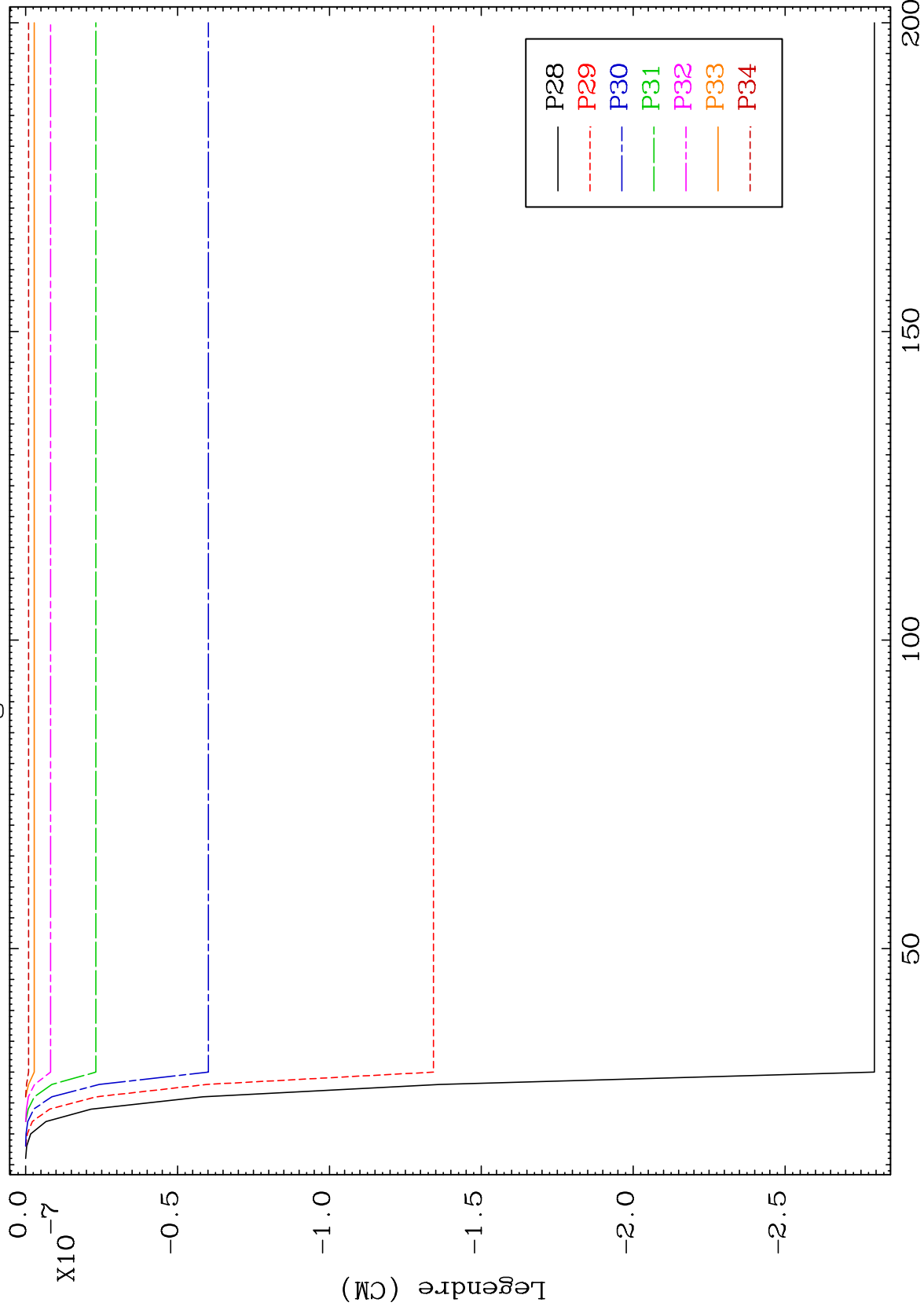


MAT 6319

MT= 75 (n,n') Level

63-Eu-149

Legendre Coefficients



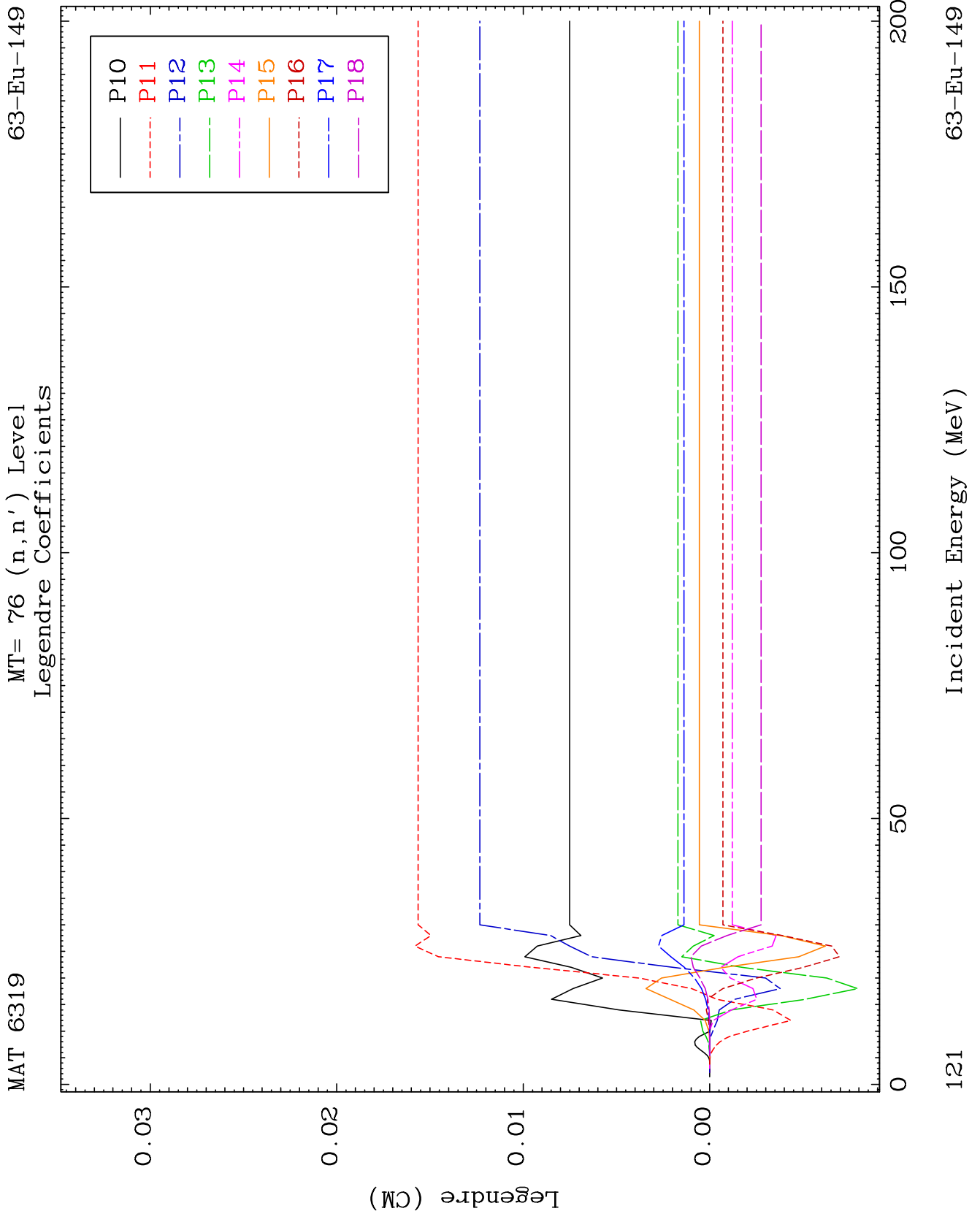
119

Incident Energy (MeV)

63-Eu-149



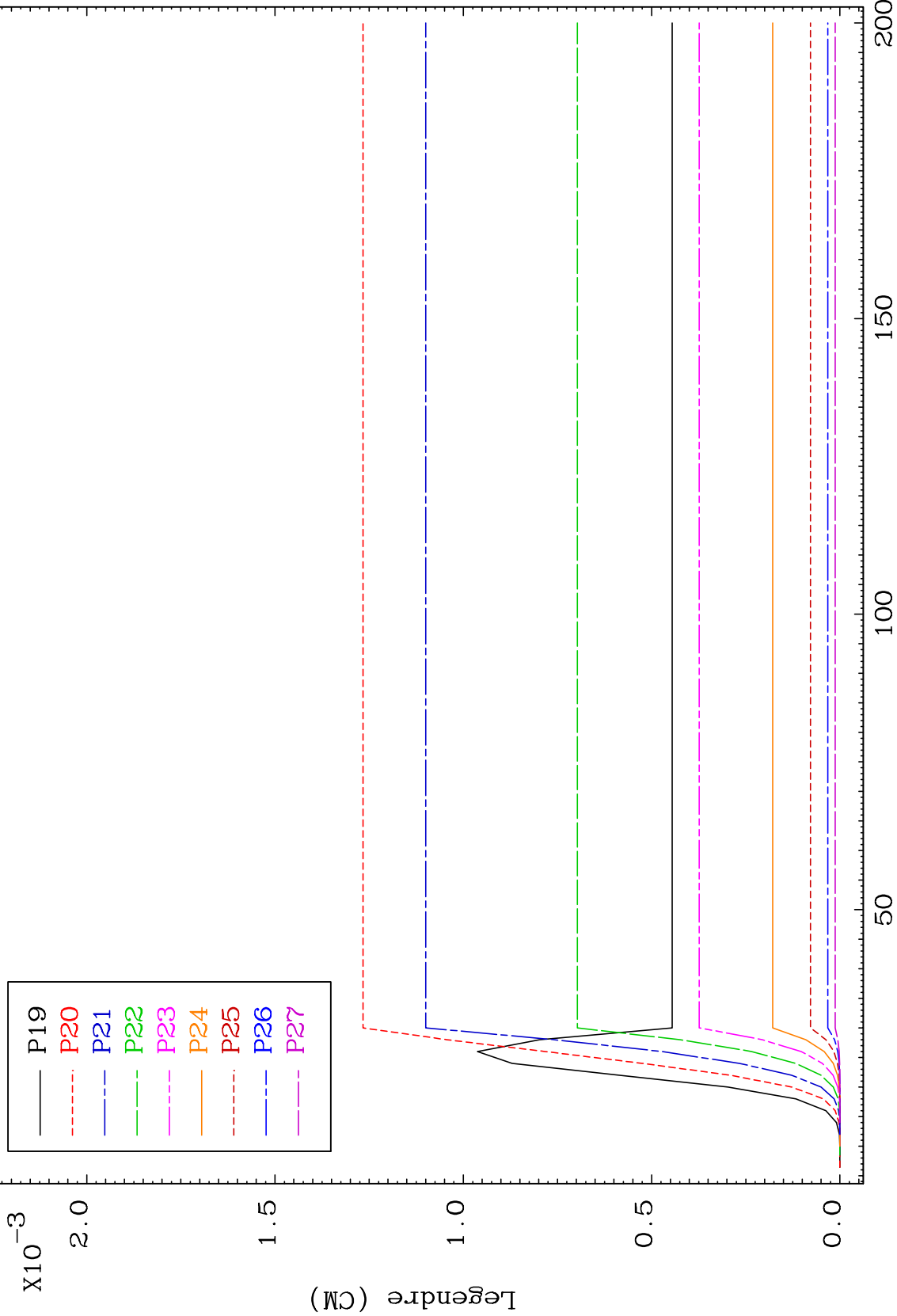
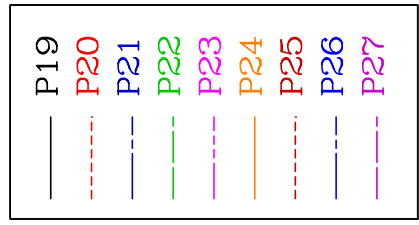




MAT 6319

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

63-Eu-149



122

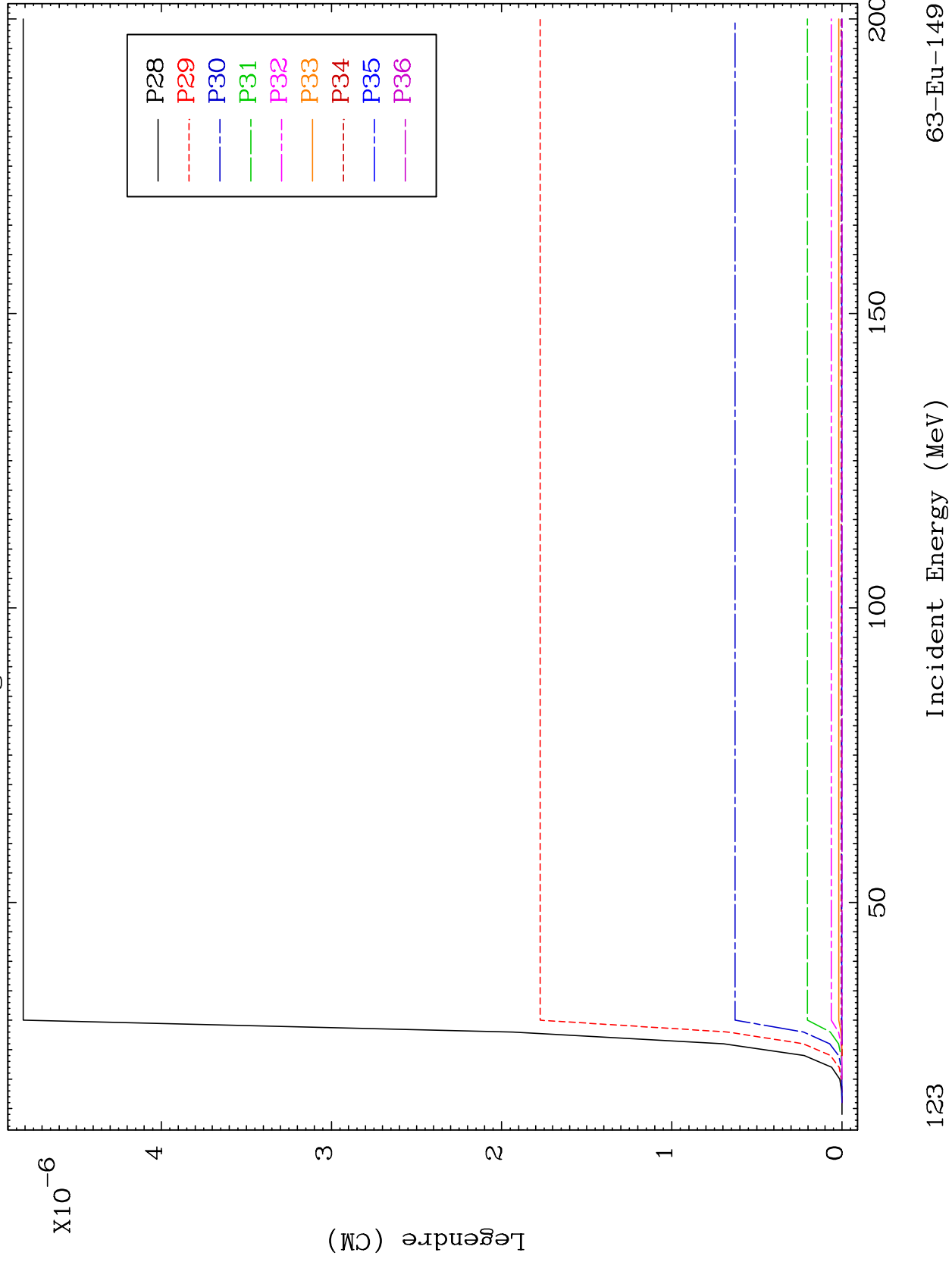
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149

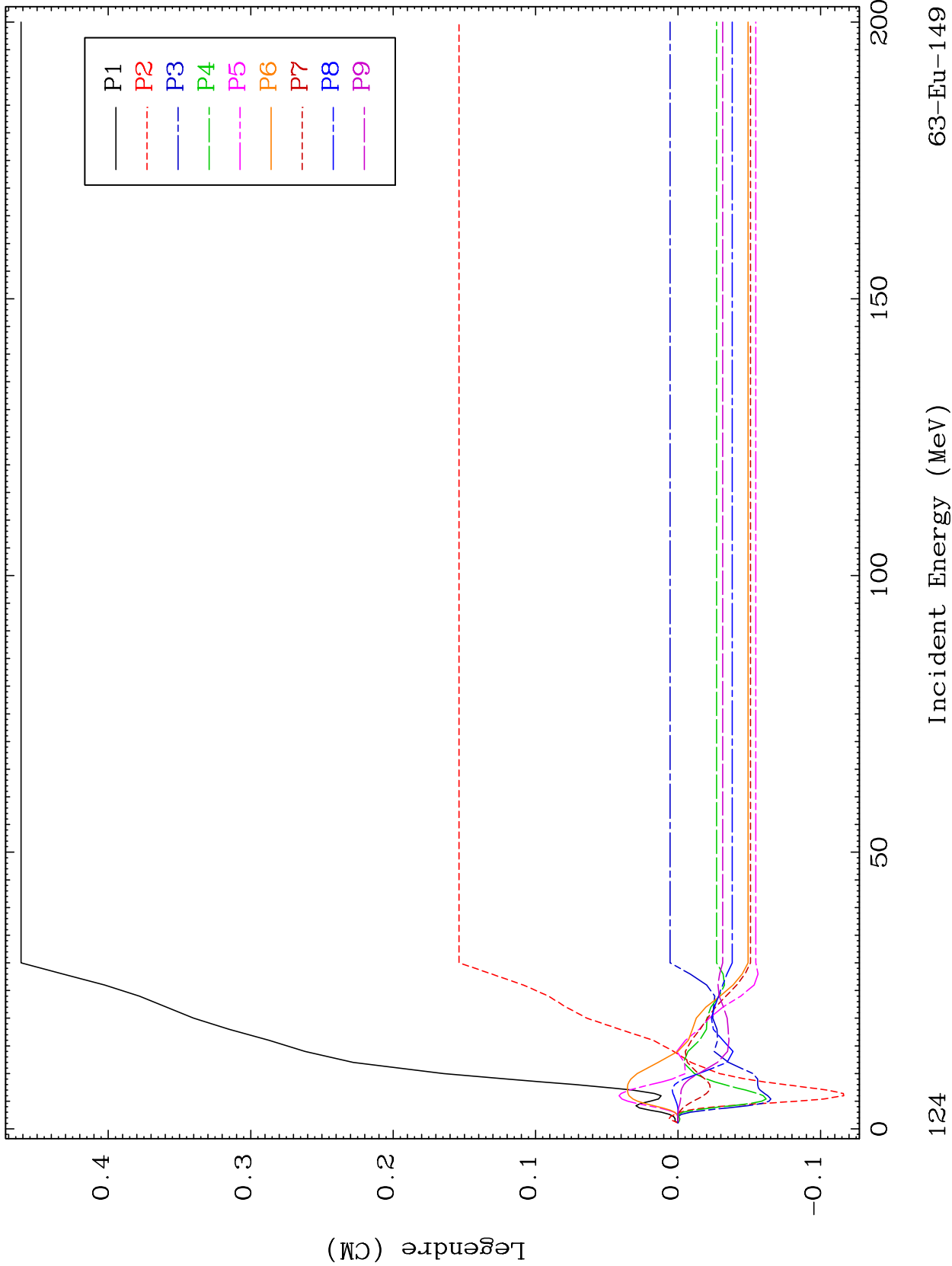


123

MAT 6319

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

63-Eu-149



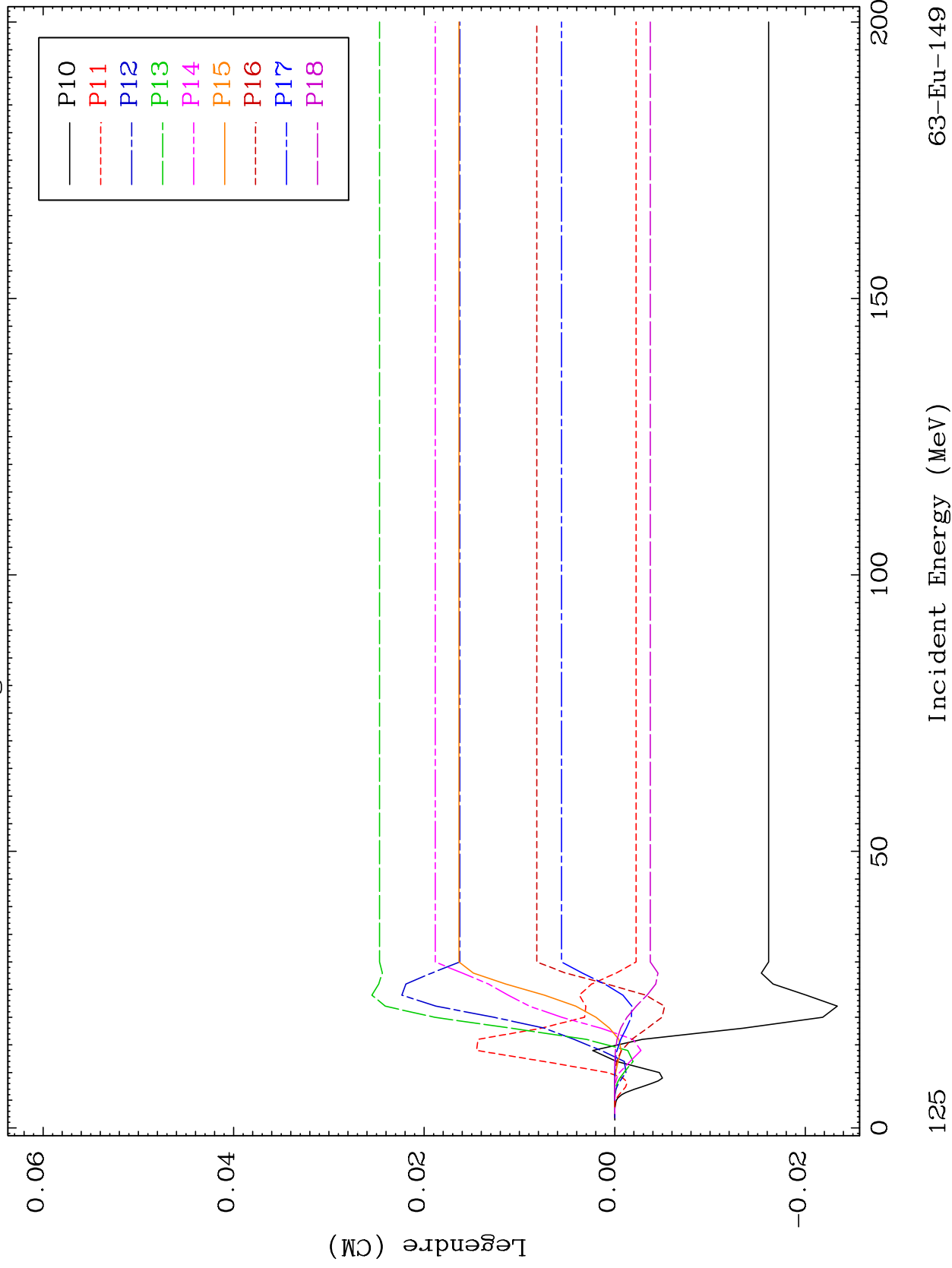
124

63-Eu-149

MAT 6319

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

63-Eu-149



125

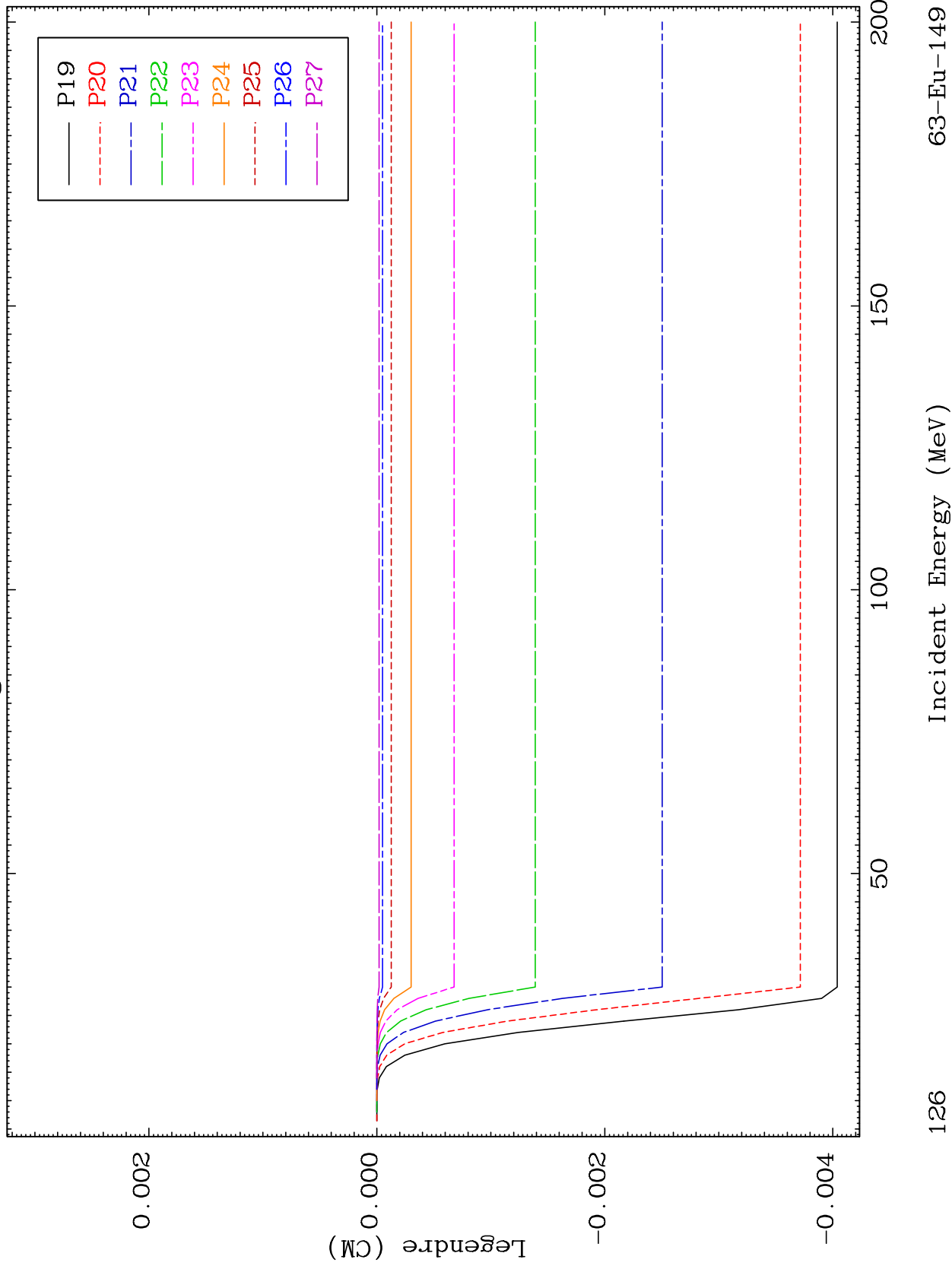
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



126

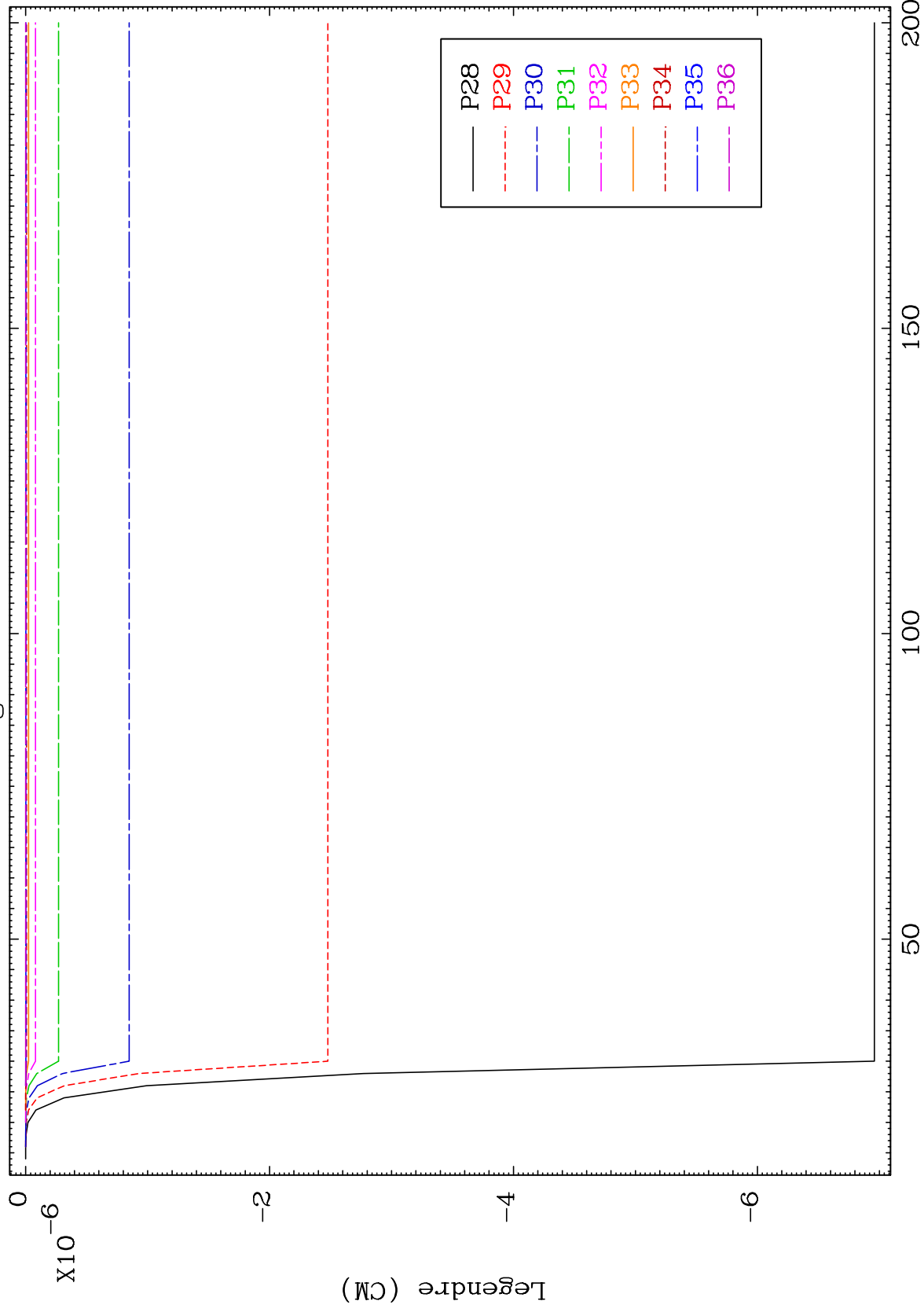
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



127

Incident Energy (MeV)

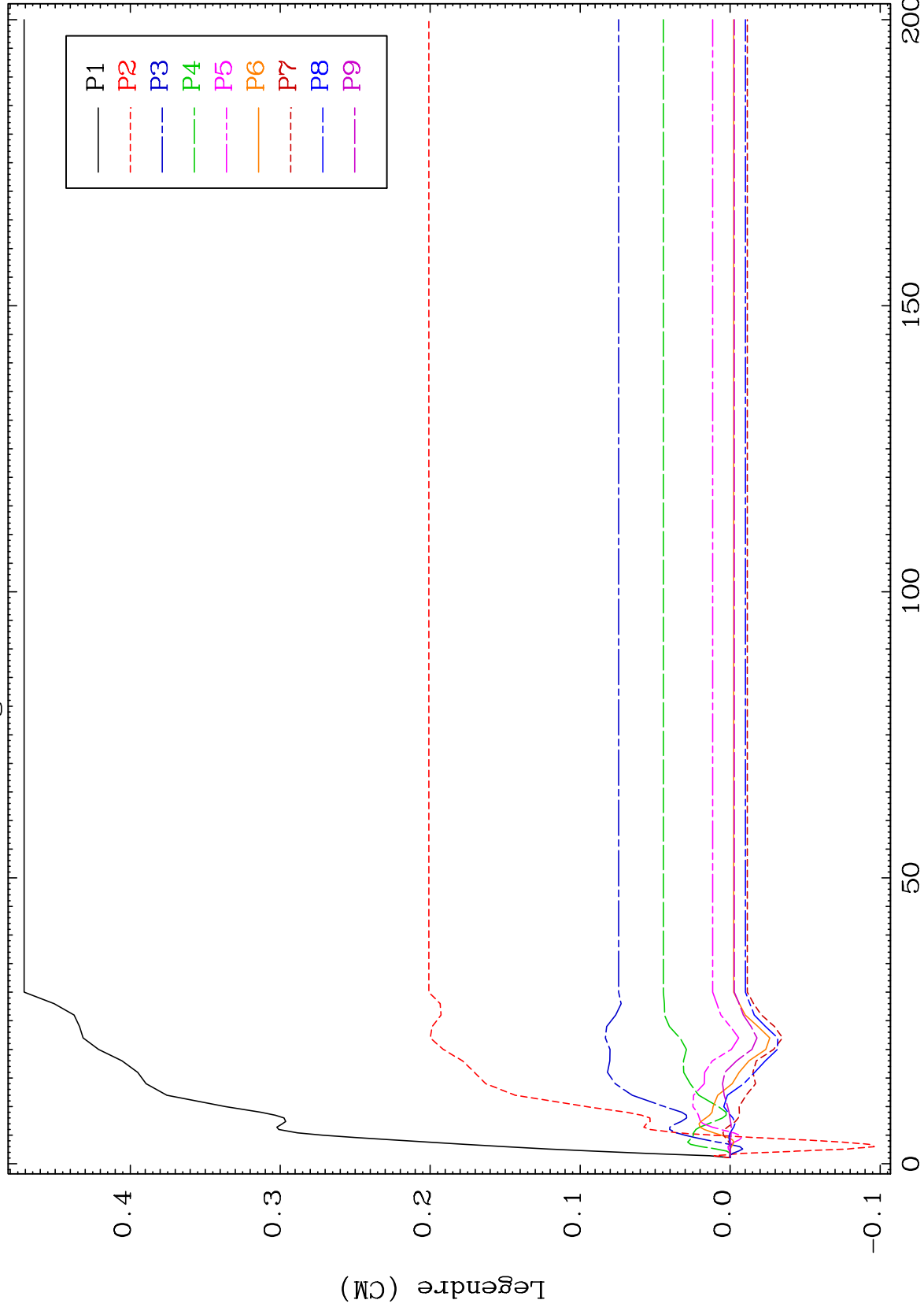
63-Eu-149



MAT 6319

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

63-Eu-149



128

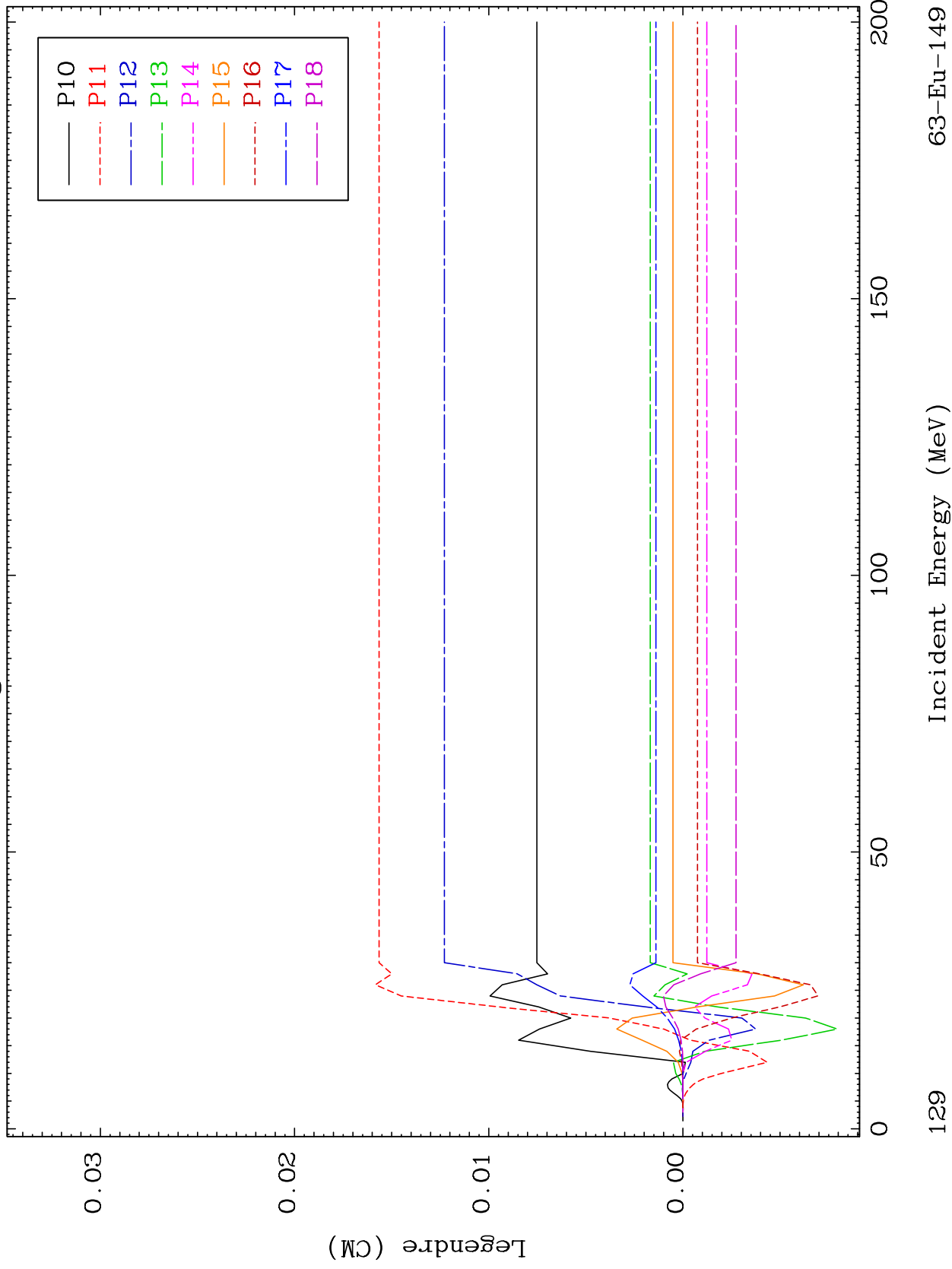
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

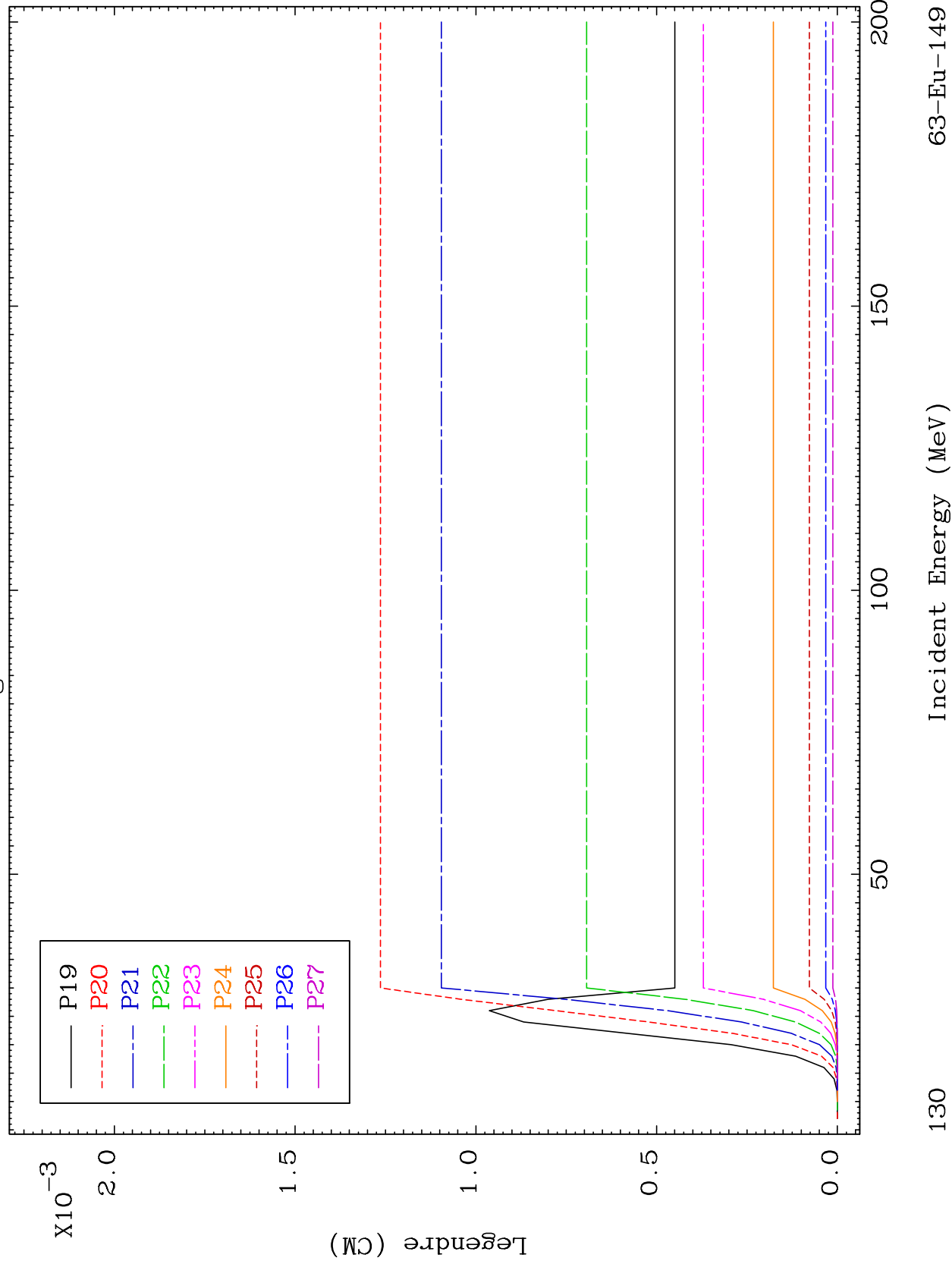
Incident Energy (MeV)

129

MAT 6319

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

63-Eu-149



130

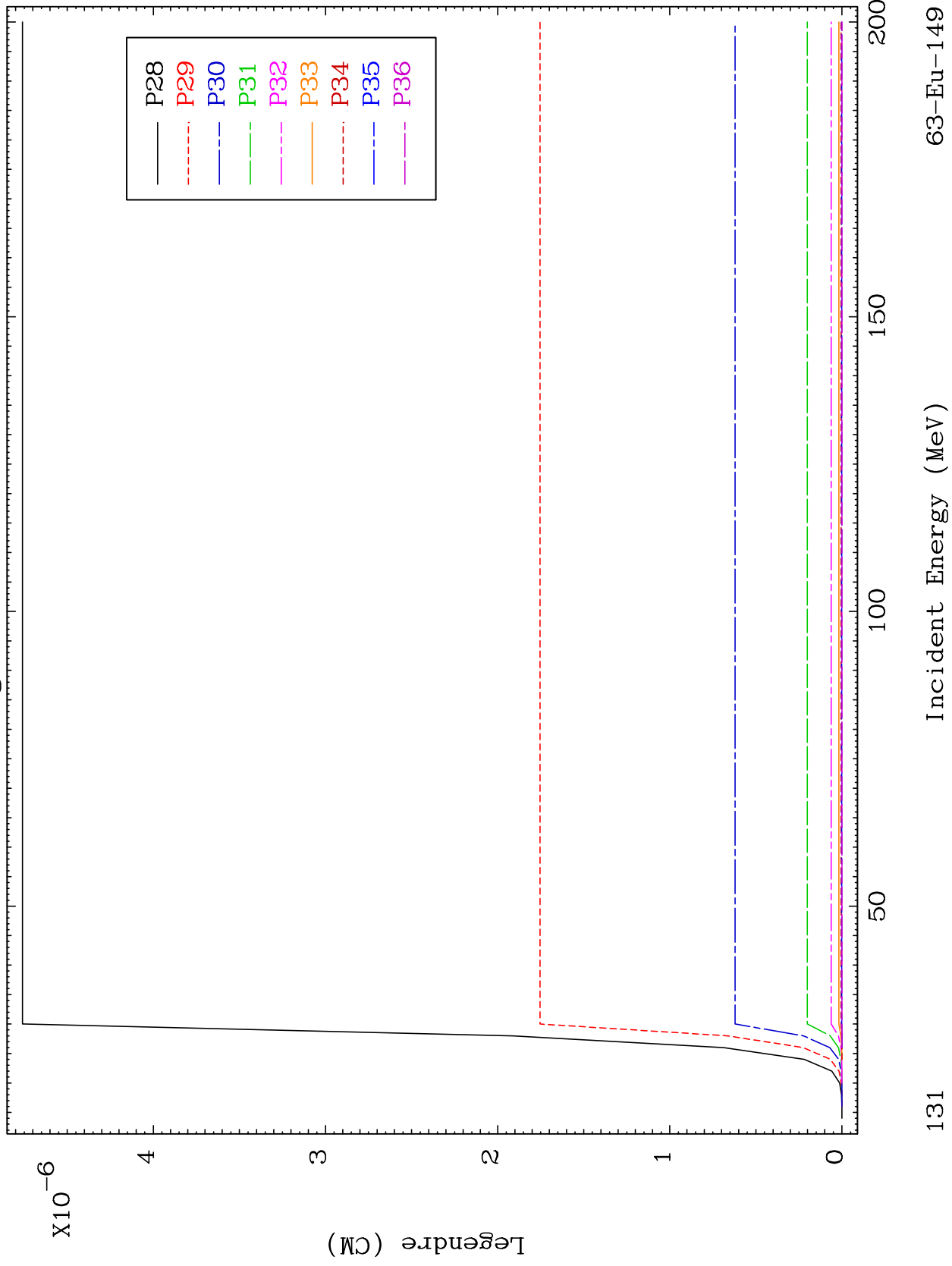
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



131

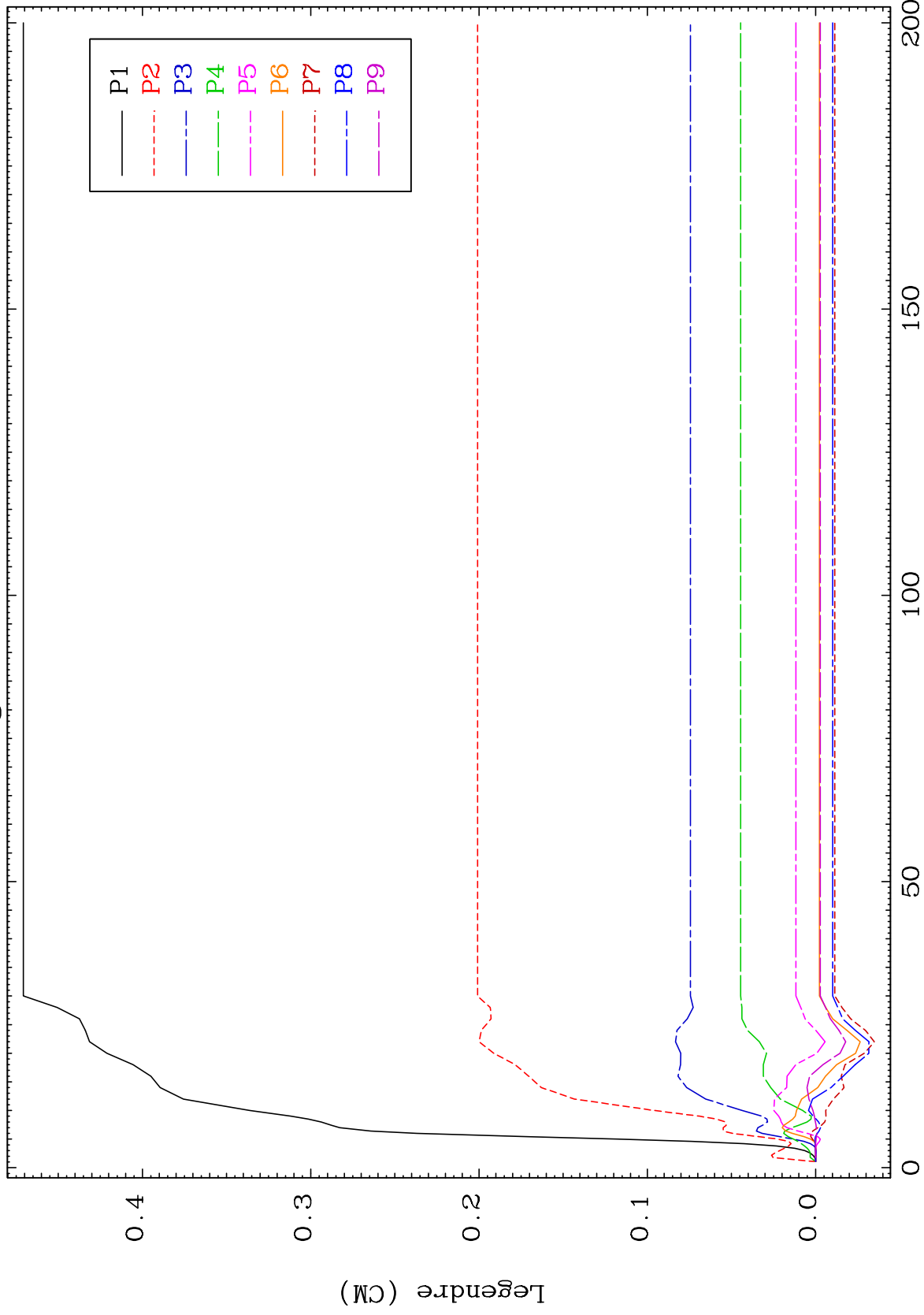
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



132

Incident Energy (MeV)

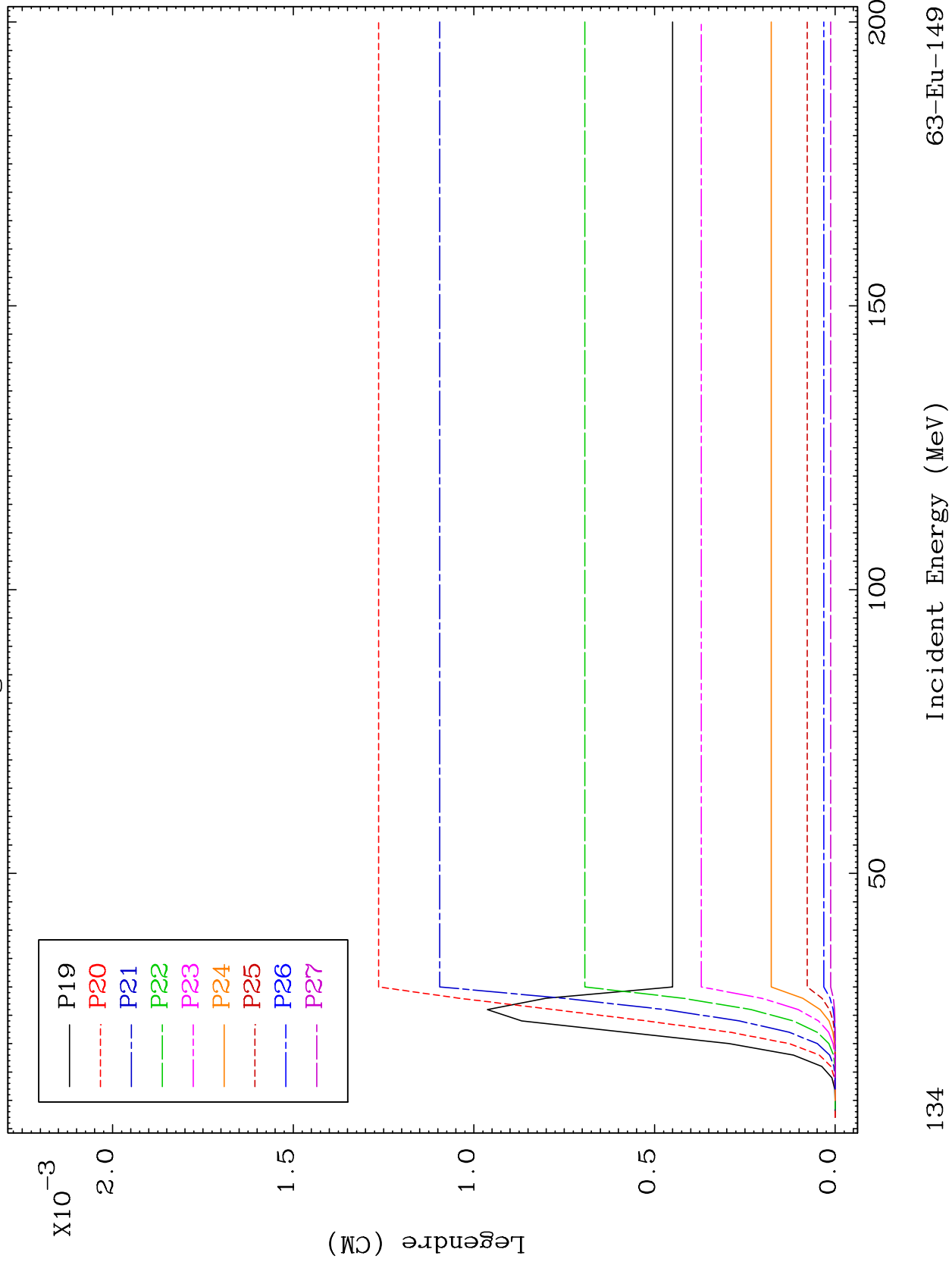
63-Eu-149



MAT 6319

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

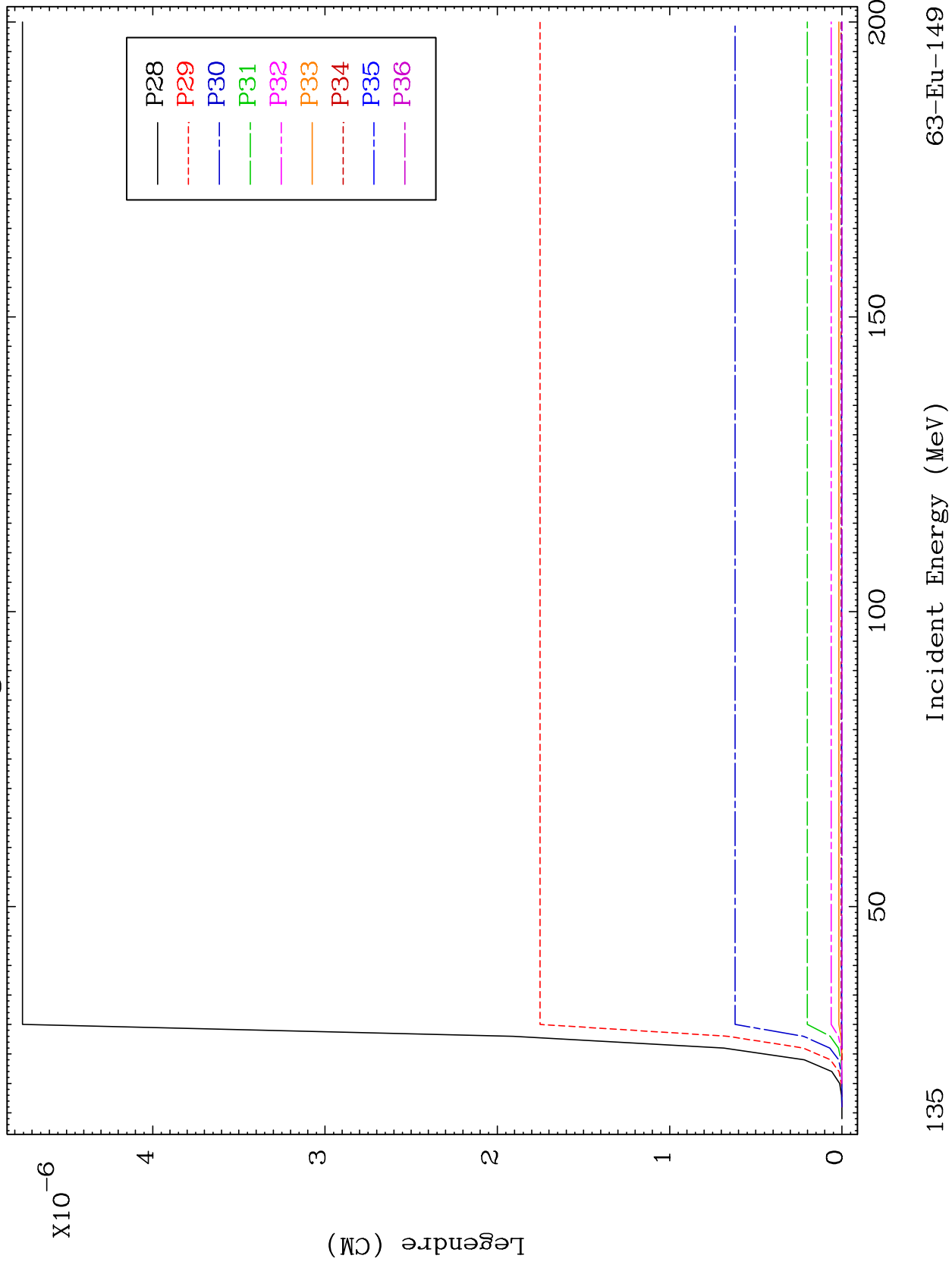
63-Eu-149



MAT 6319

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

63-Eu-149



135

Incident Energy (MeV)

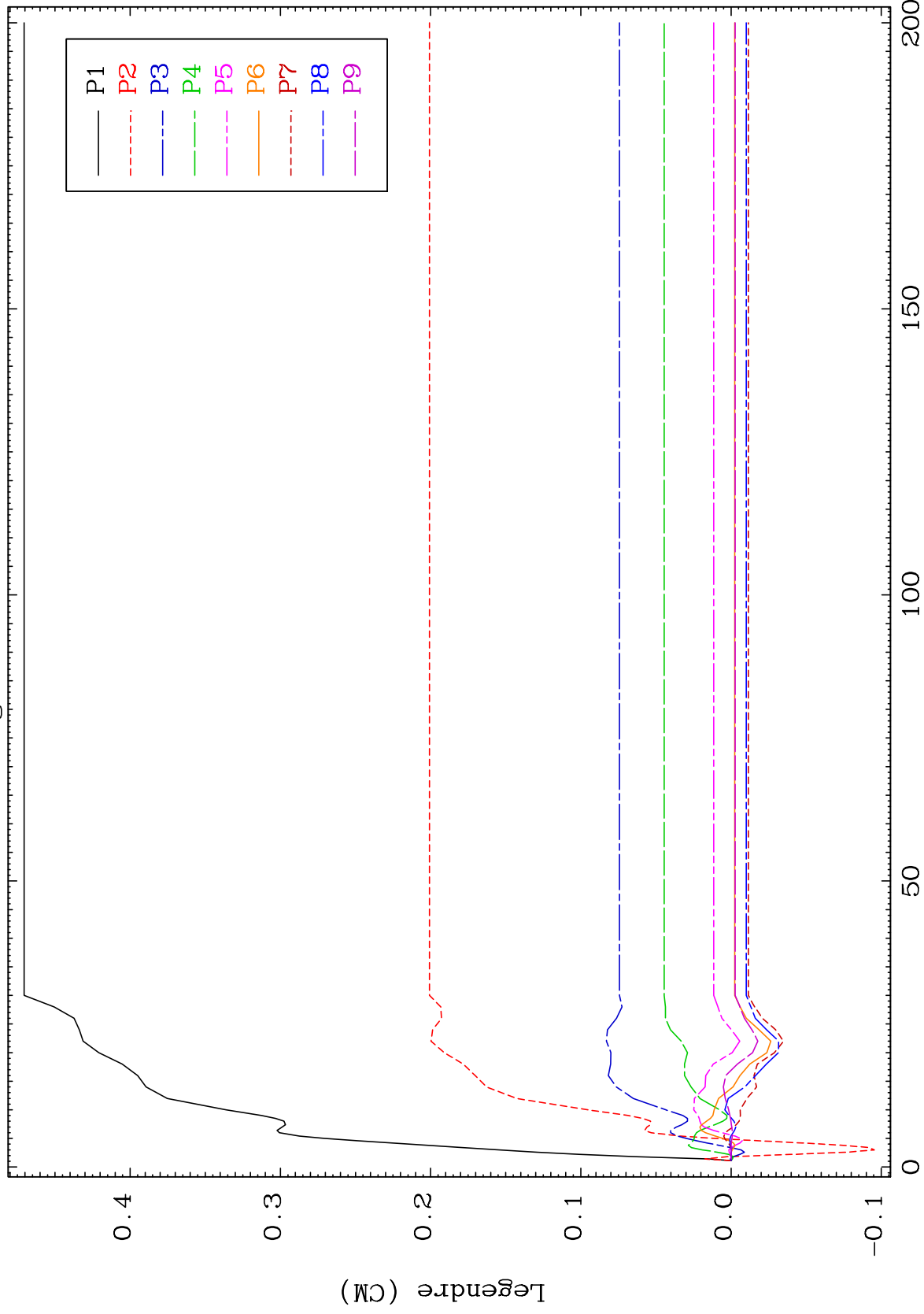
63-Eu-149



MAT 6319

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

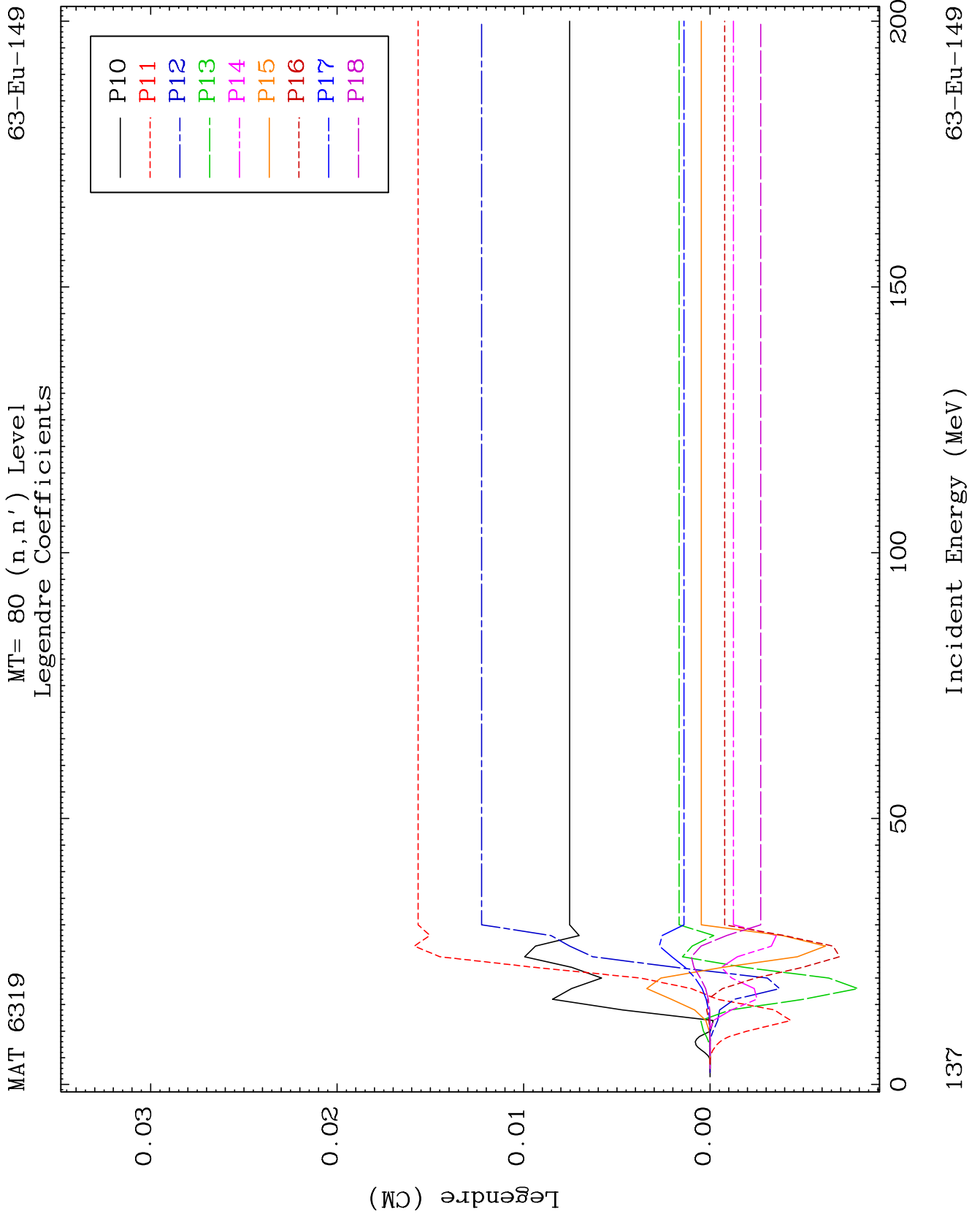
63-Eu-149



136

Incident Energy (MeV)

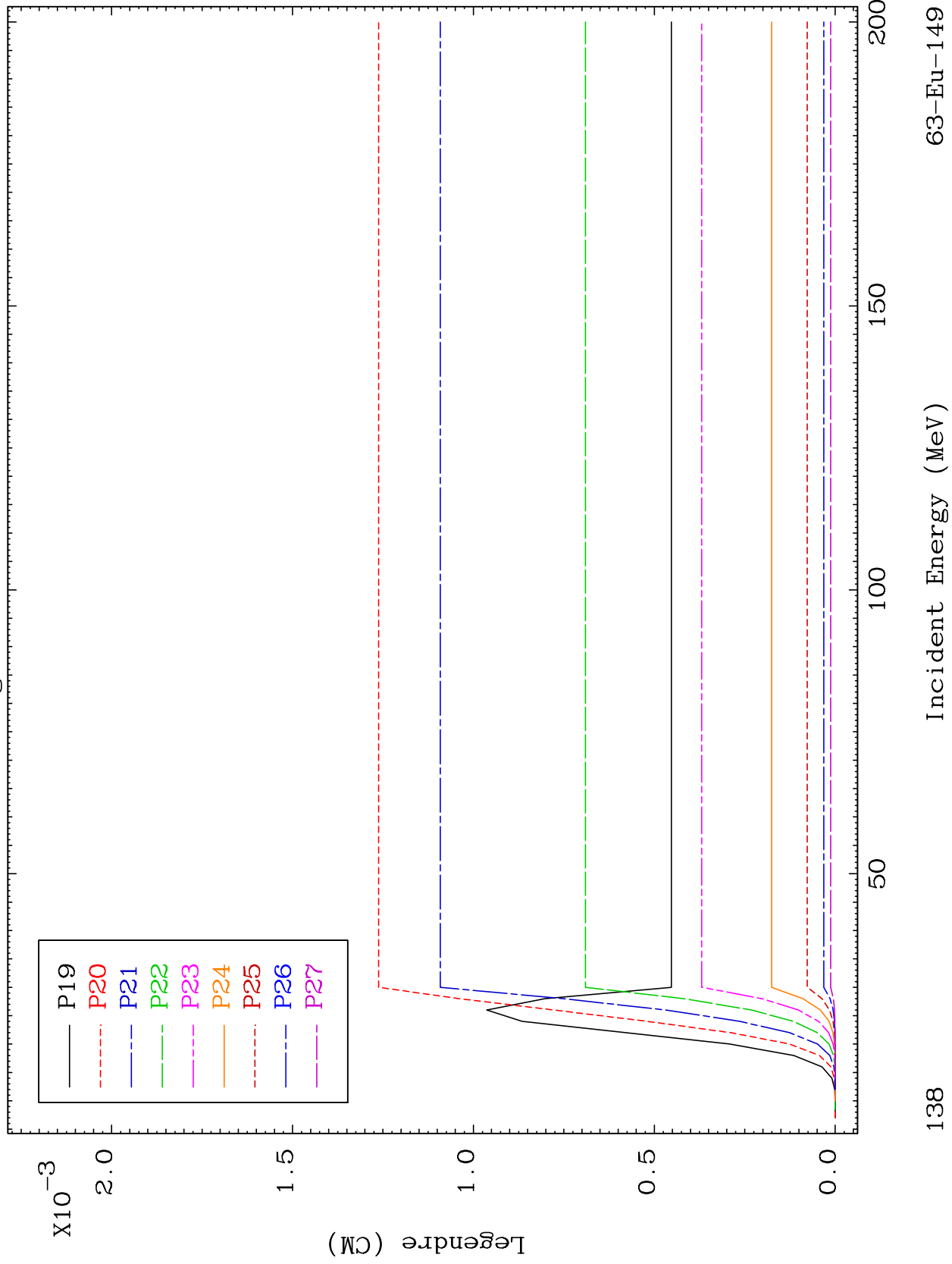
63-Eu-149



MAT 6319

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

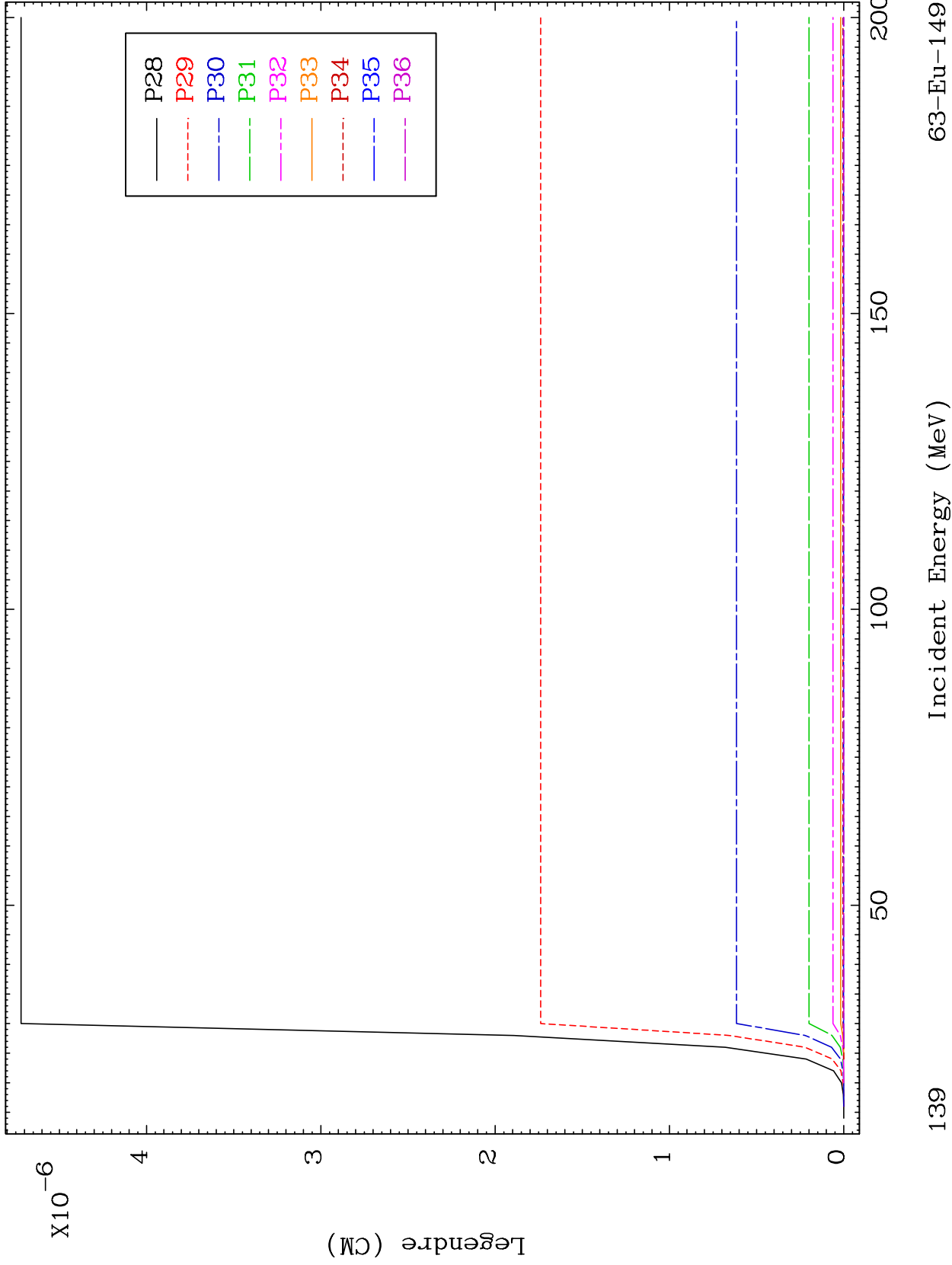
63-Eu-149



MAT 6319

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

63-Eu-149



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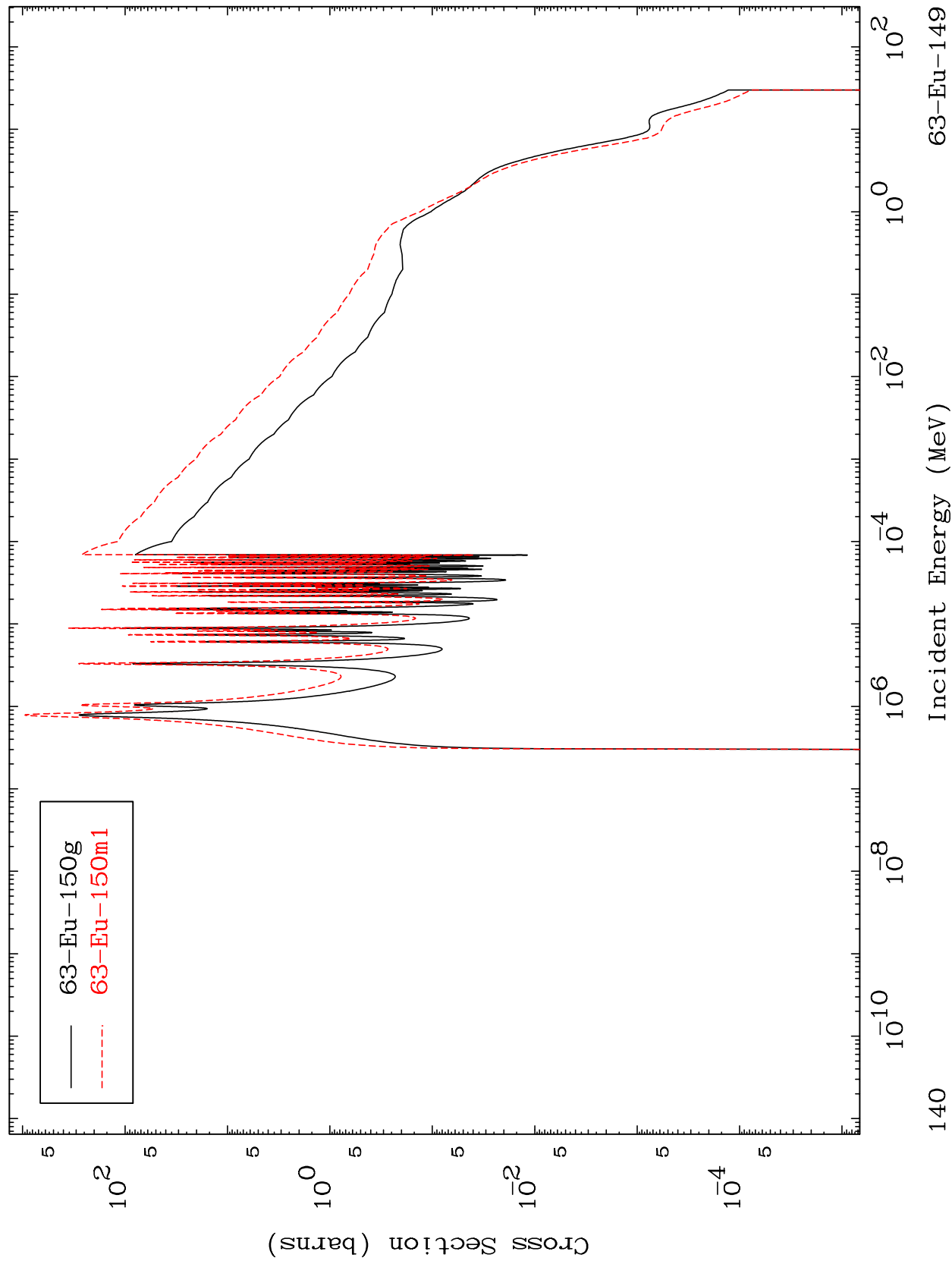
Incident Energy (MeV)

63-Eu-149

MAT 6319

63-Eu-149

(n,  $\gamma$ )  
Radionuclide Production Cross Section



140

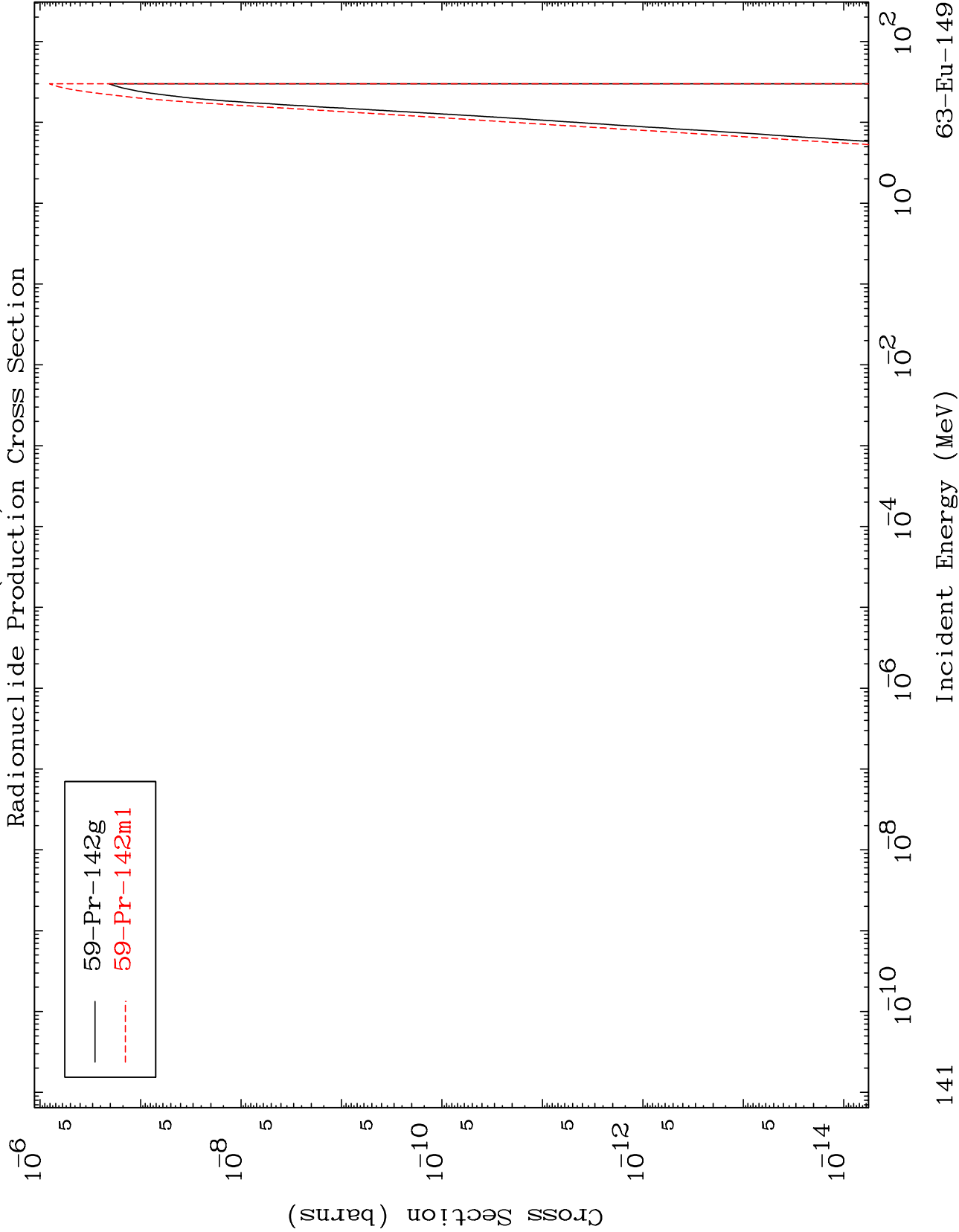
63-Eu-149

MAT 6319

(n,2α)

63-Eu-149

Radionuclide Production Cross Section

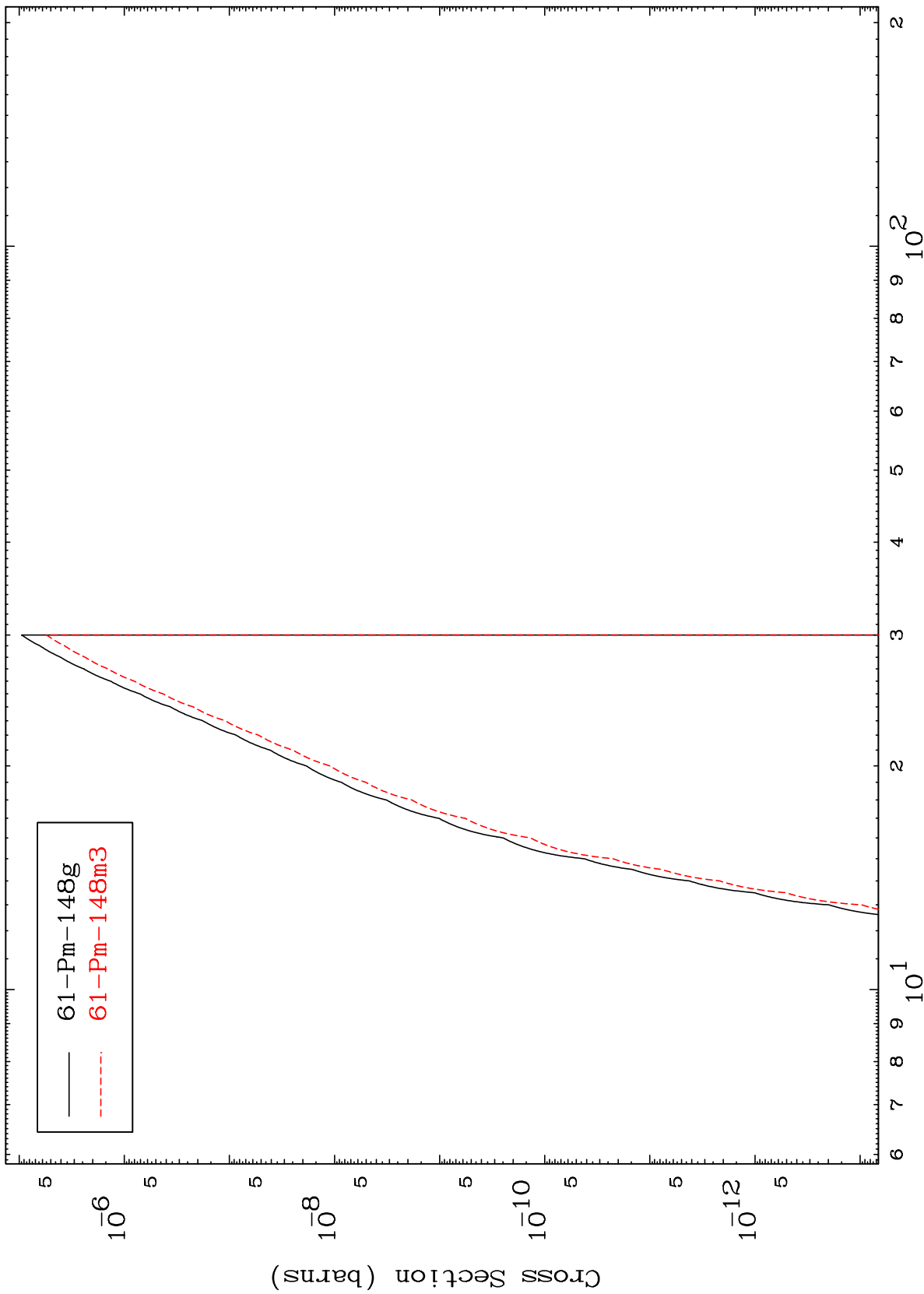


141

MAT 6319

63-Eu-149

(n,2p)  
Radionuclide Production Cross Section



— 61-Pm-148g  
- - - 61-Pm-148m3

63-Eu-149

Incident Energy (MeV)

142