

Program EVALPLOT  
(Version 2018-1)

by

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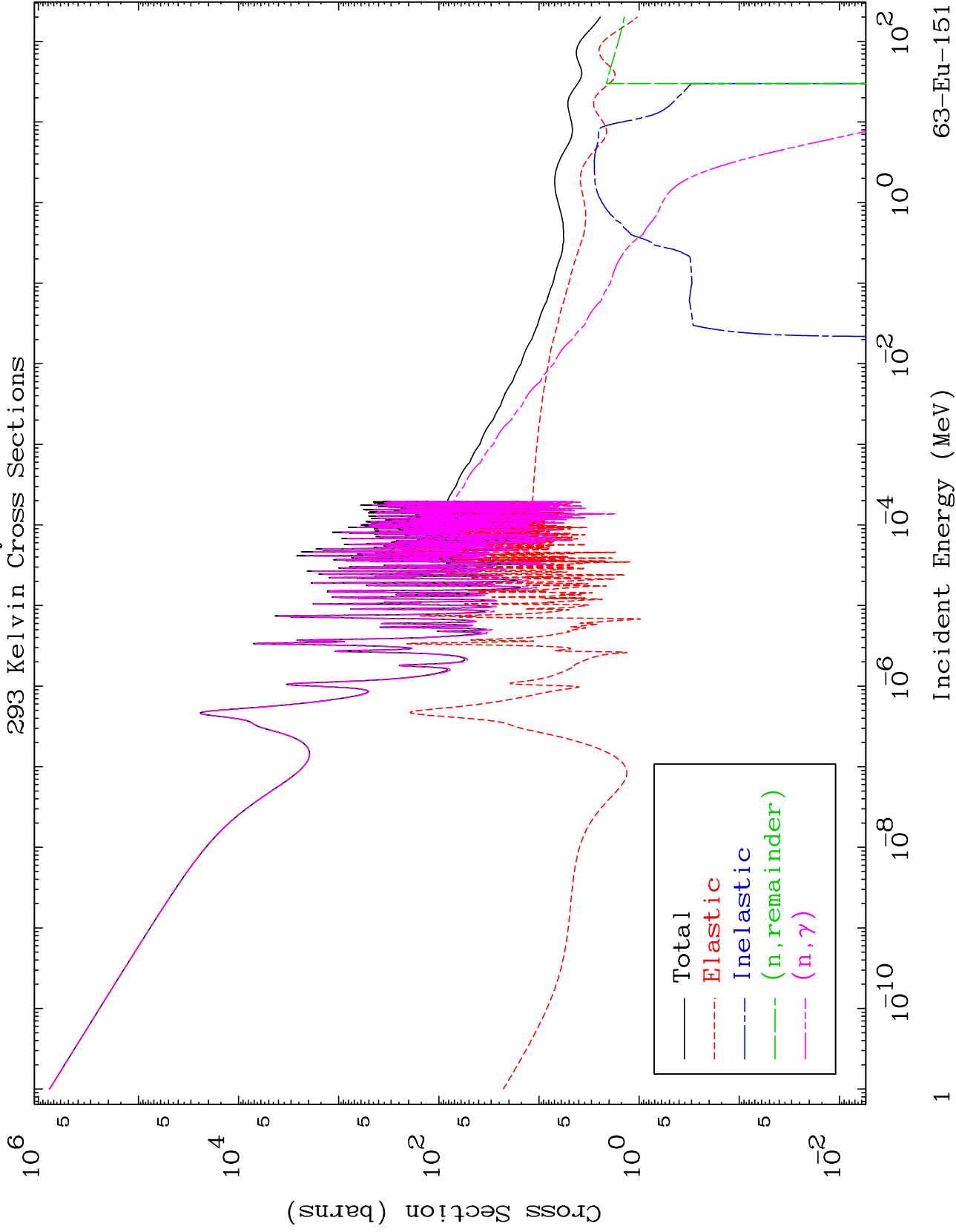
Press Mouse Button to Start

MAT 6325

Major

293 Kelvin Cross Sections

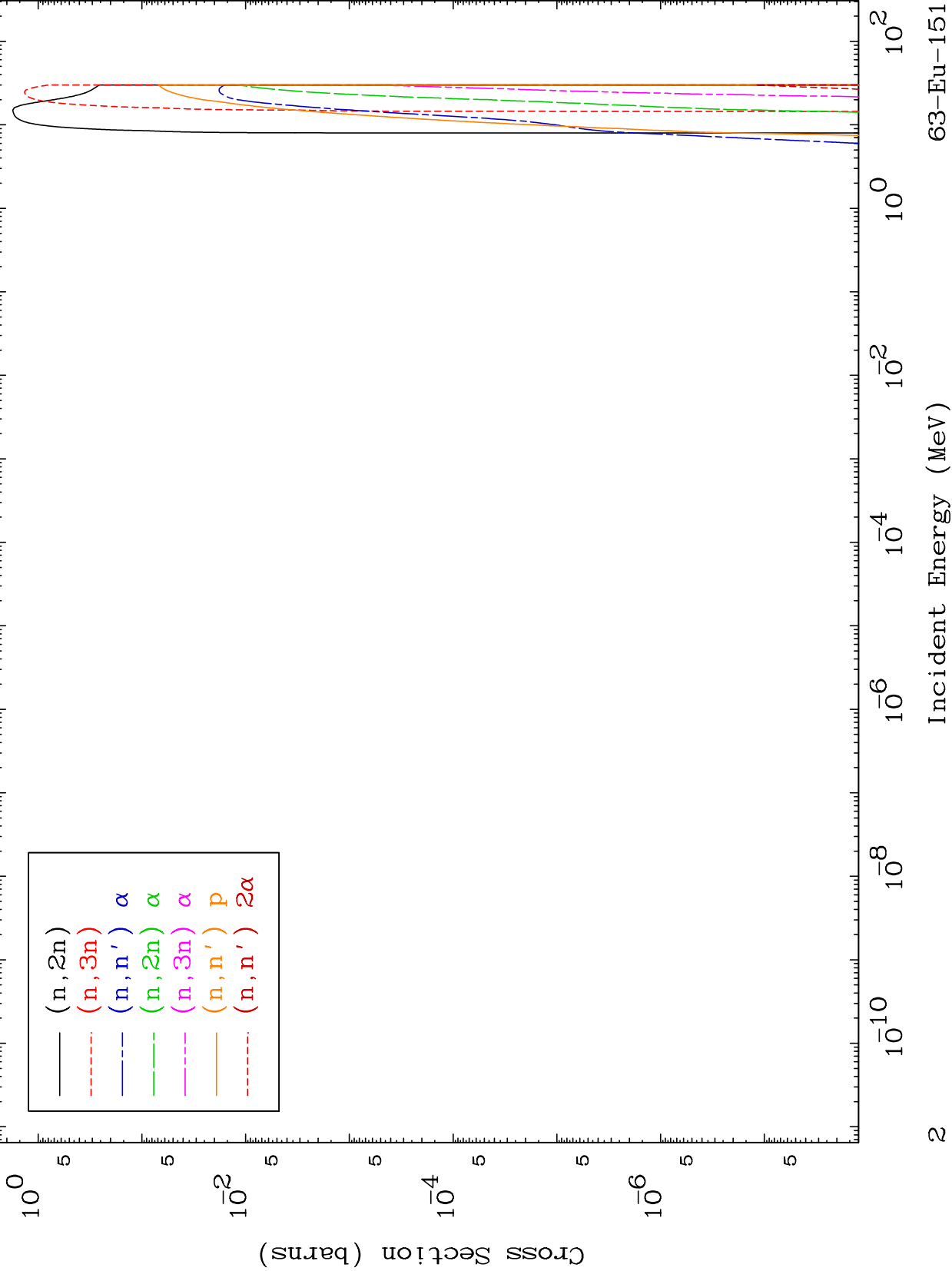
63-Eu-151

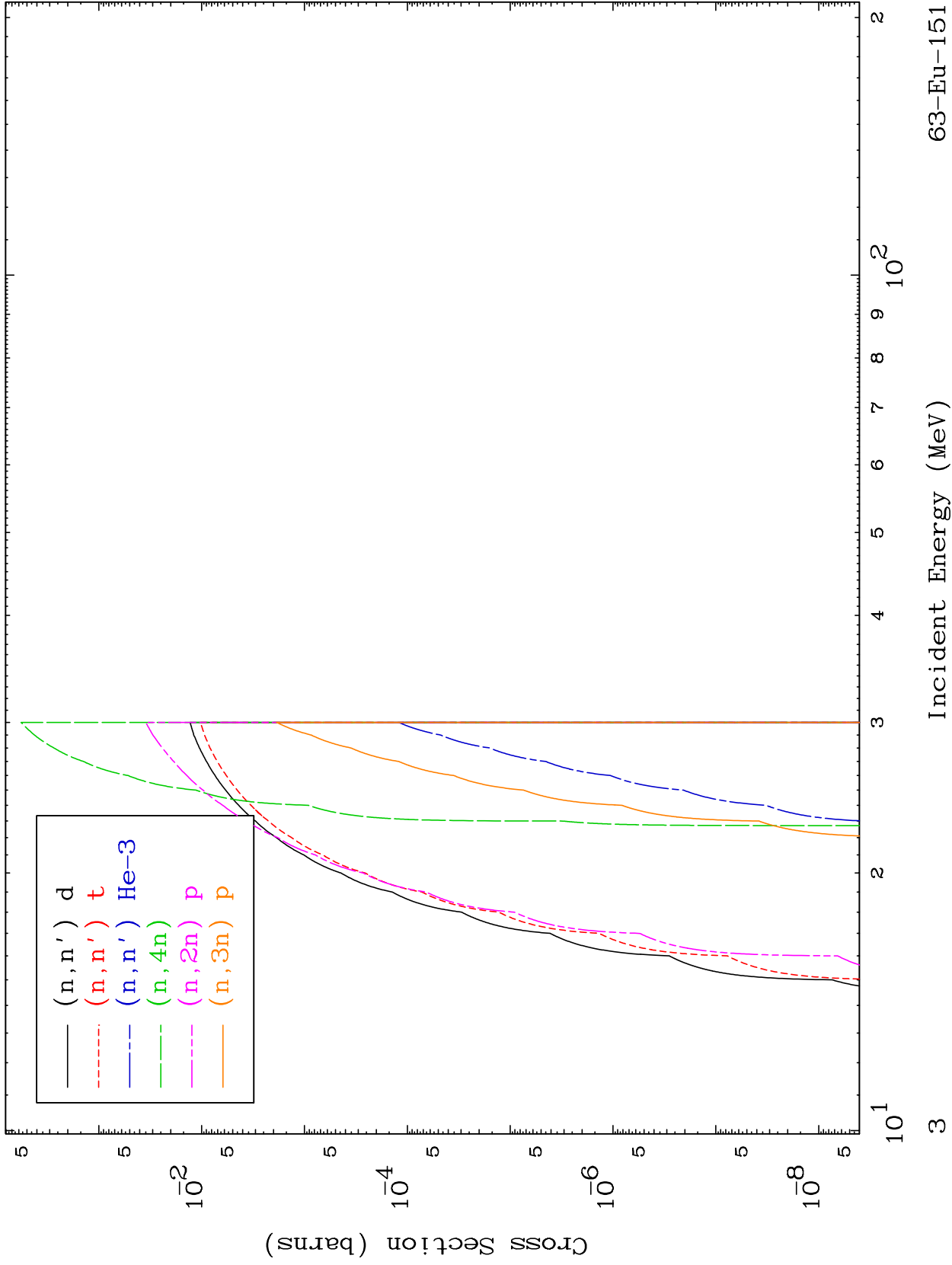


MAT 6325

Neutron Production  
293 Kelvin Cross Sections

63-Eu-151

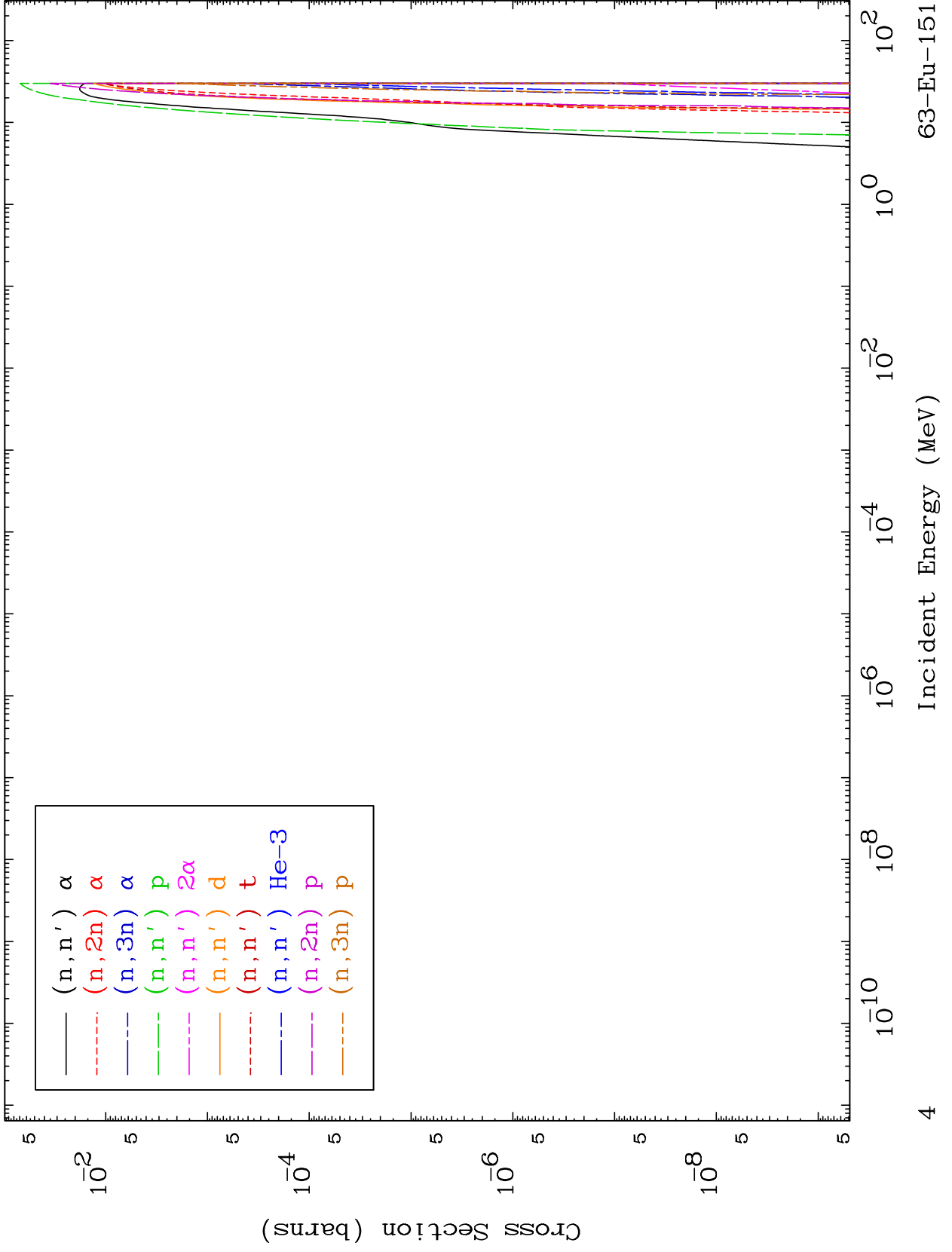


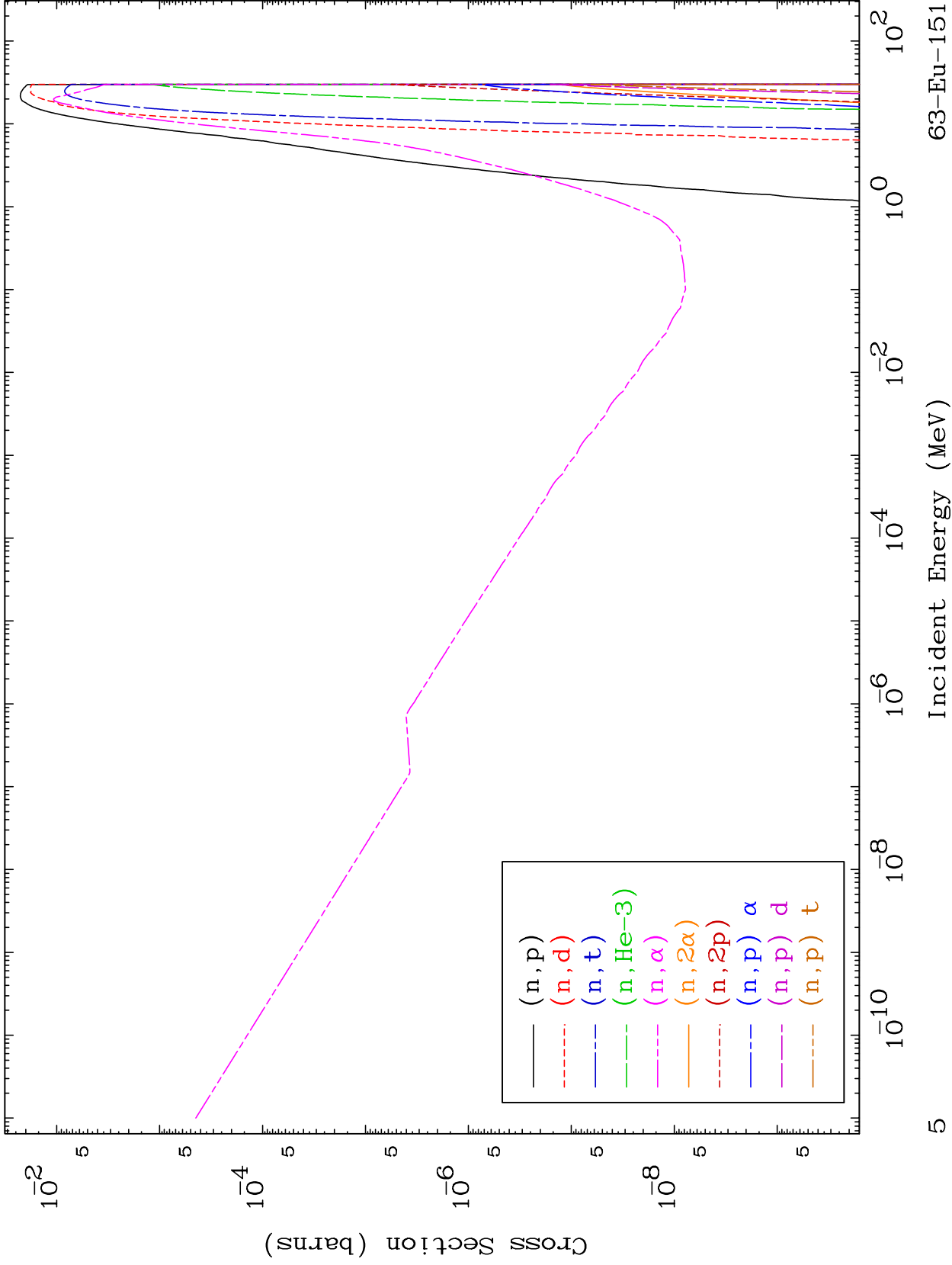


MAT 6325

Charged Particle  
293 Kelvin Cross Sections

63-Eu-151

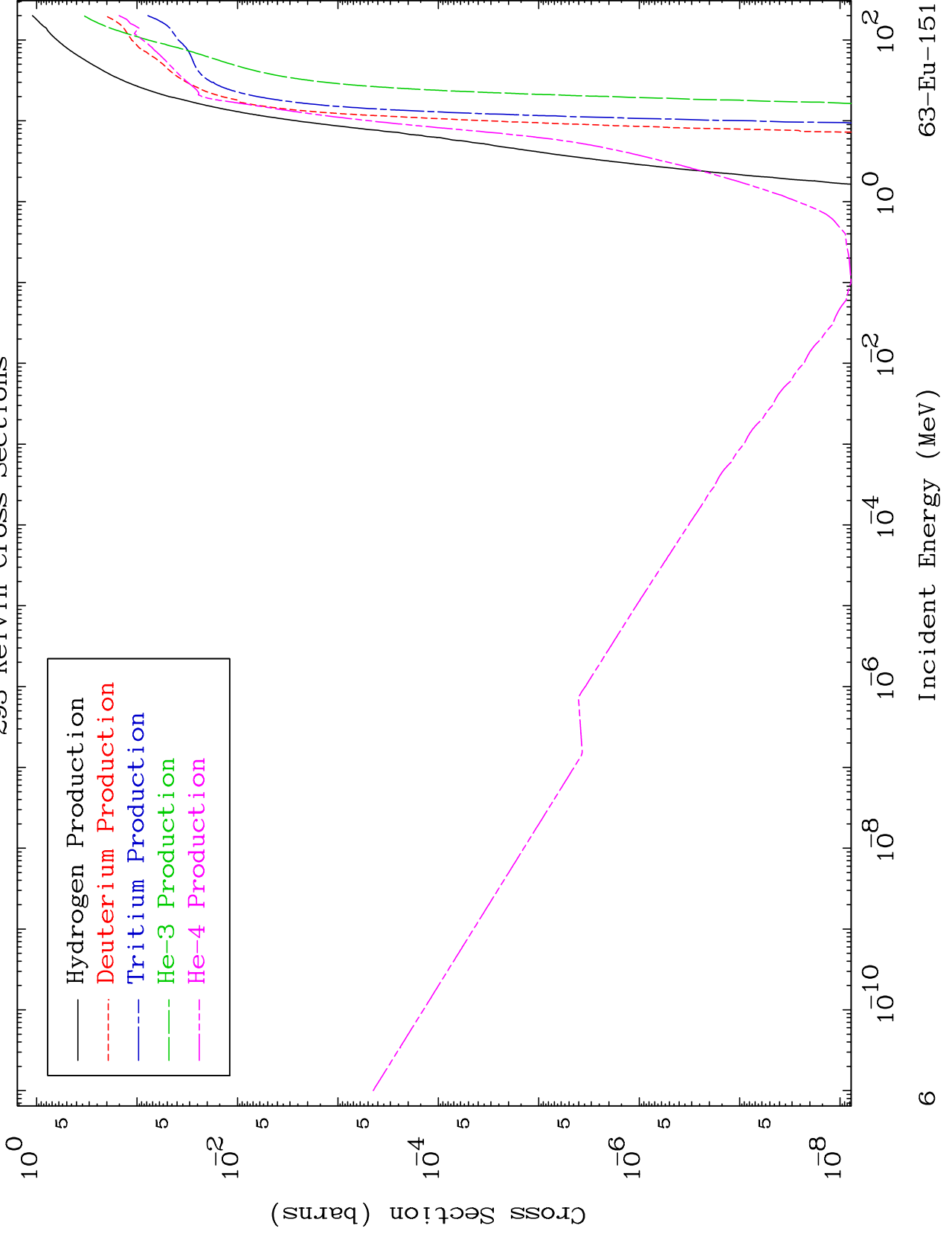


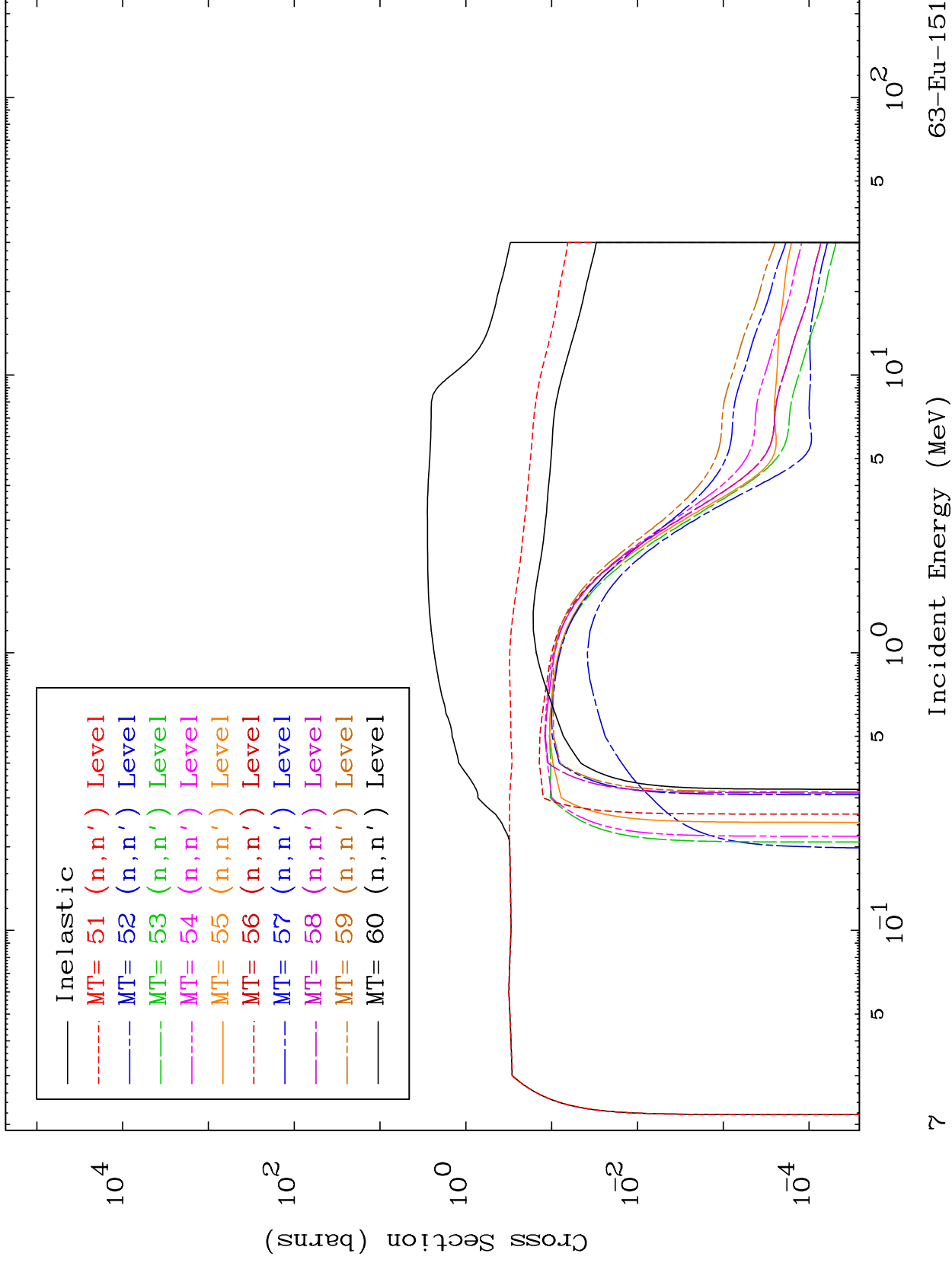


MAT 6325

Particle Production  
293 Kelvin Cross Sections

63-Eu-151





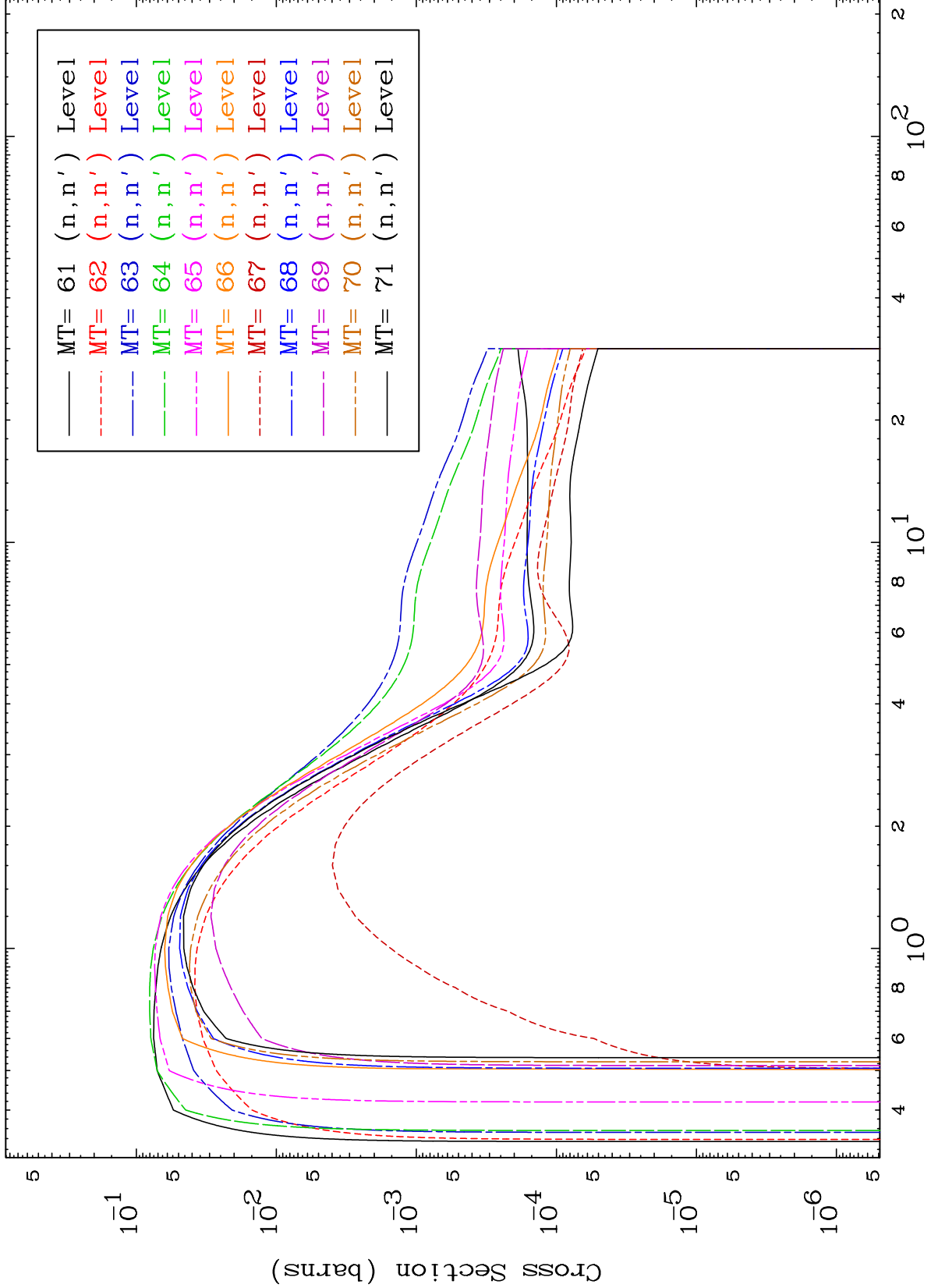


MAT 6325

(n,n') Level

63-Eu-151

293 Kelvin Cross Sections

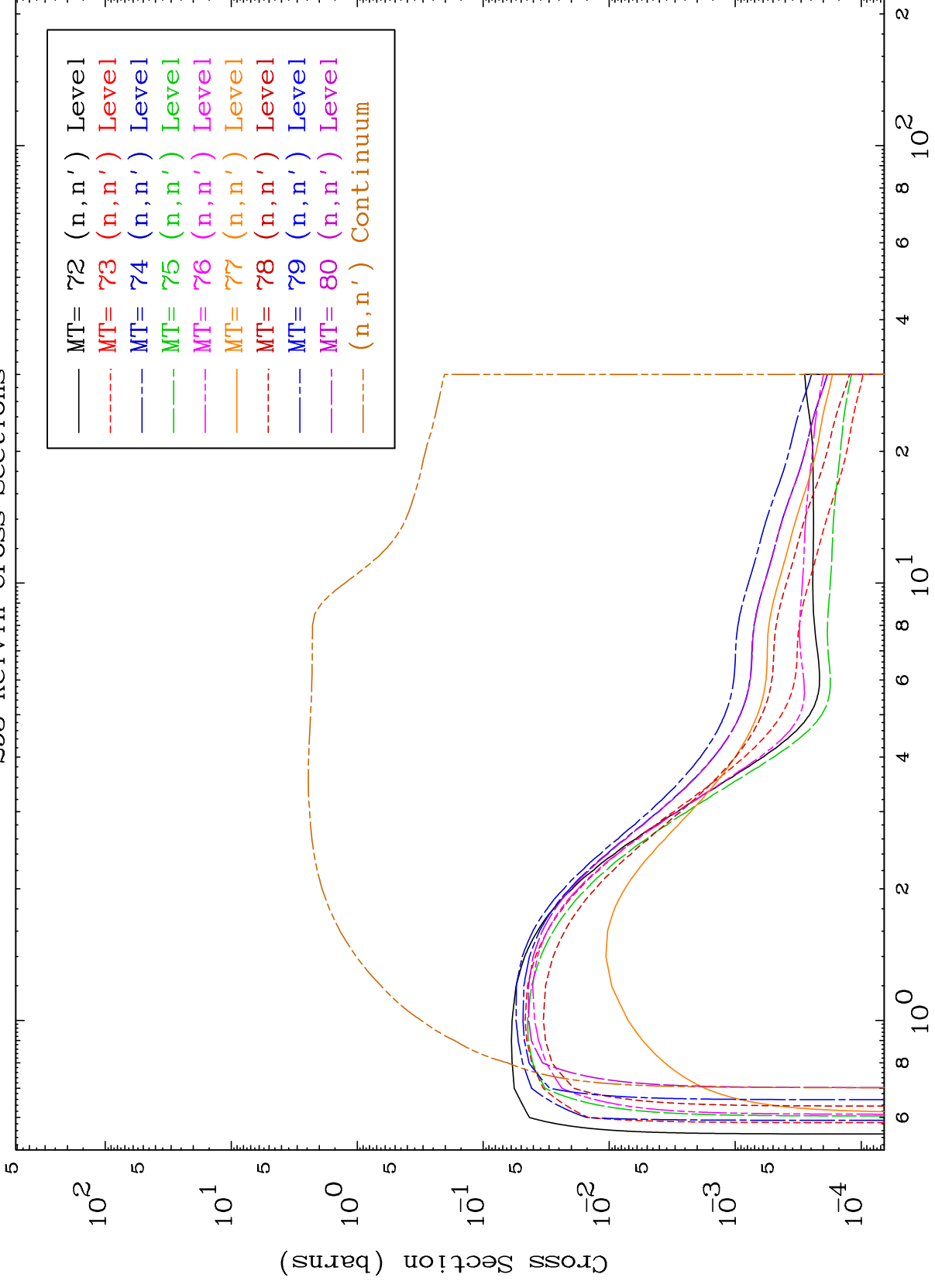


8

Incident Energy (MeV)

63-Eu-151

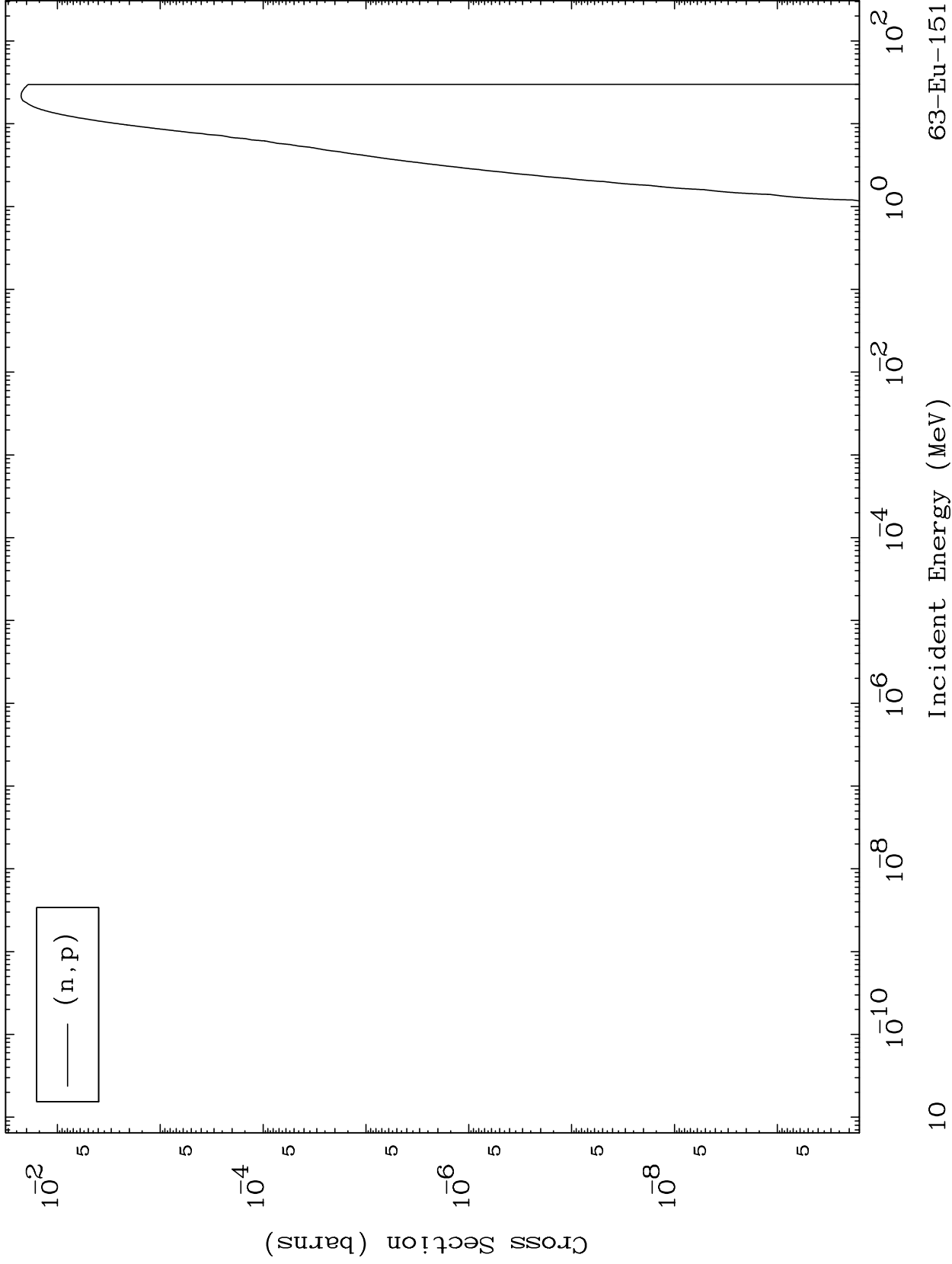
293 Kelvin Cross Sections



MAT 6325

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-151



10

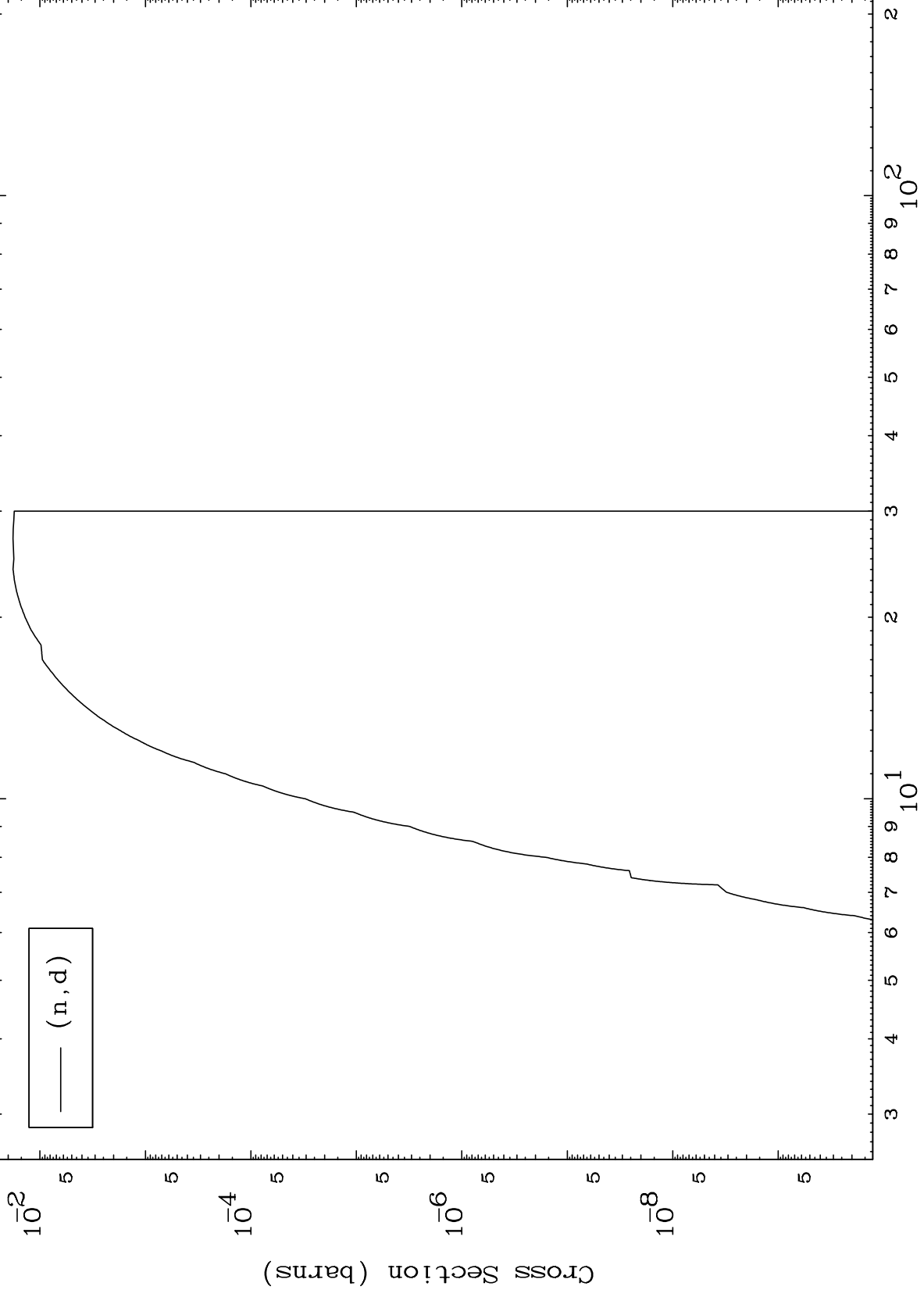
Incident Energy (MeV)

63-Eu-151

MAT 6325

(n,d) Levels  
293 Kelvin Cross Sections

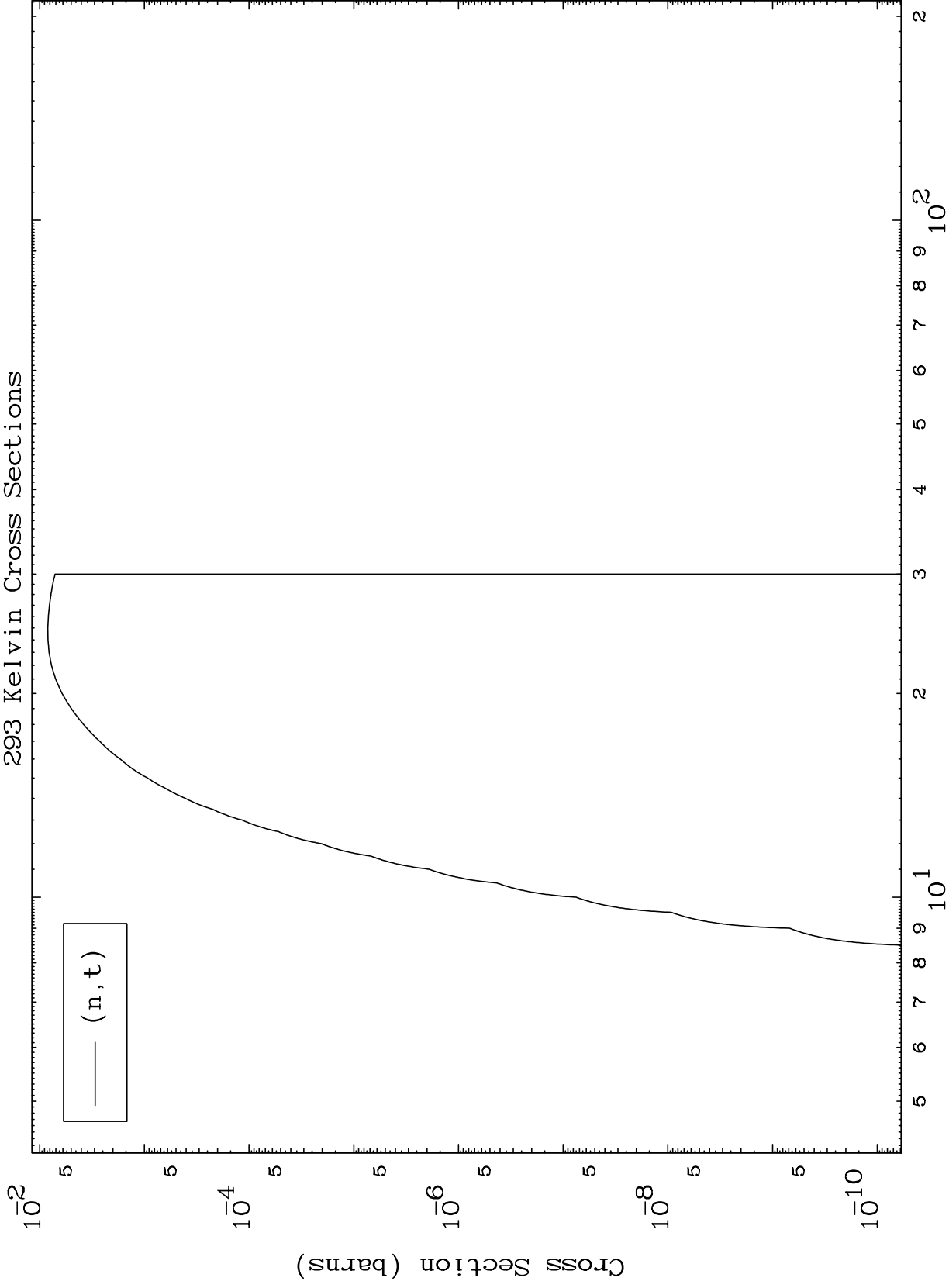
63-Eu-151



MAT 6325

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-151



12

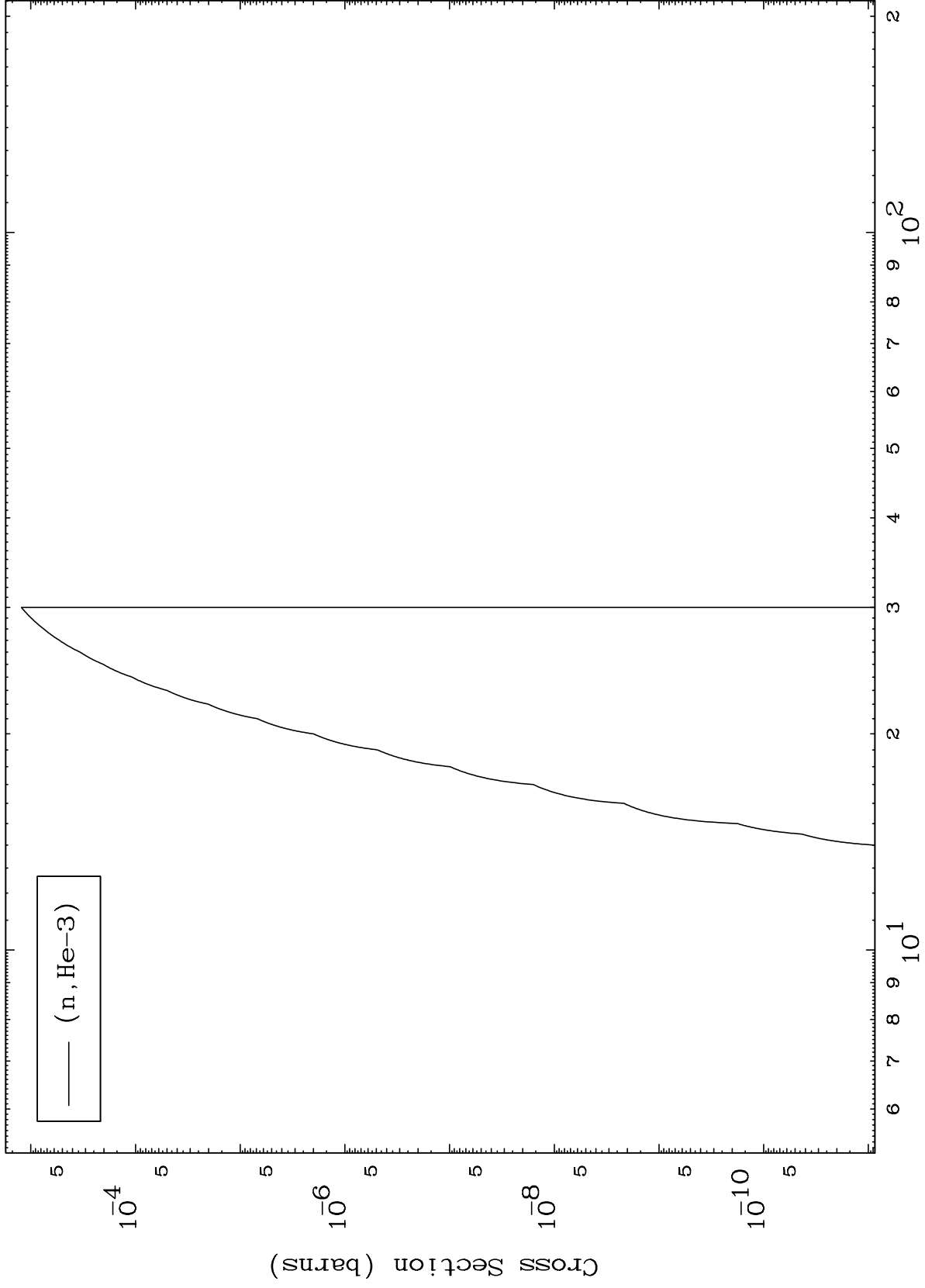
Incident Energy (MeV)

63-Eu-151

MAT 6325

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-151



13

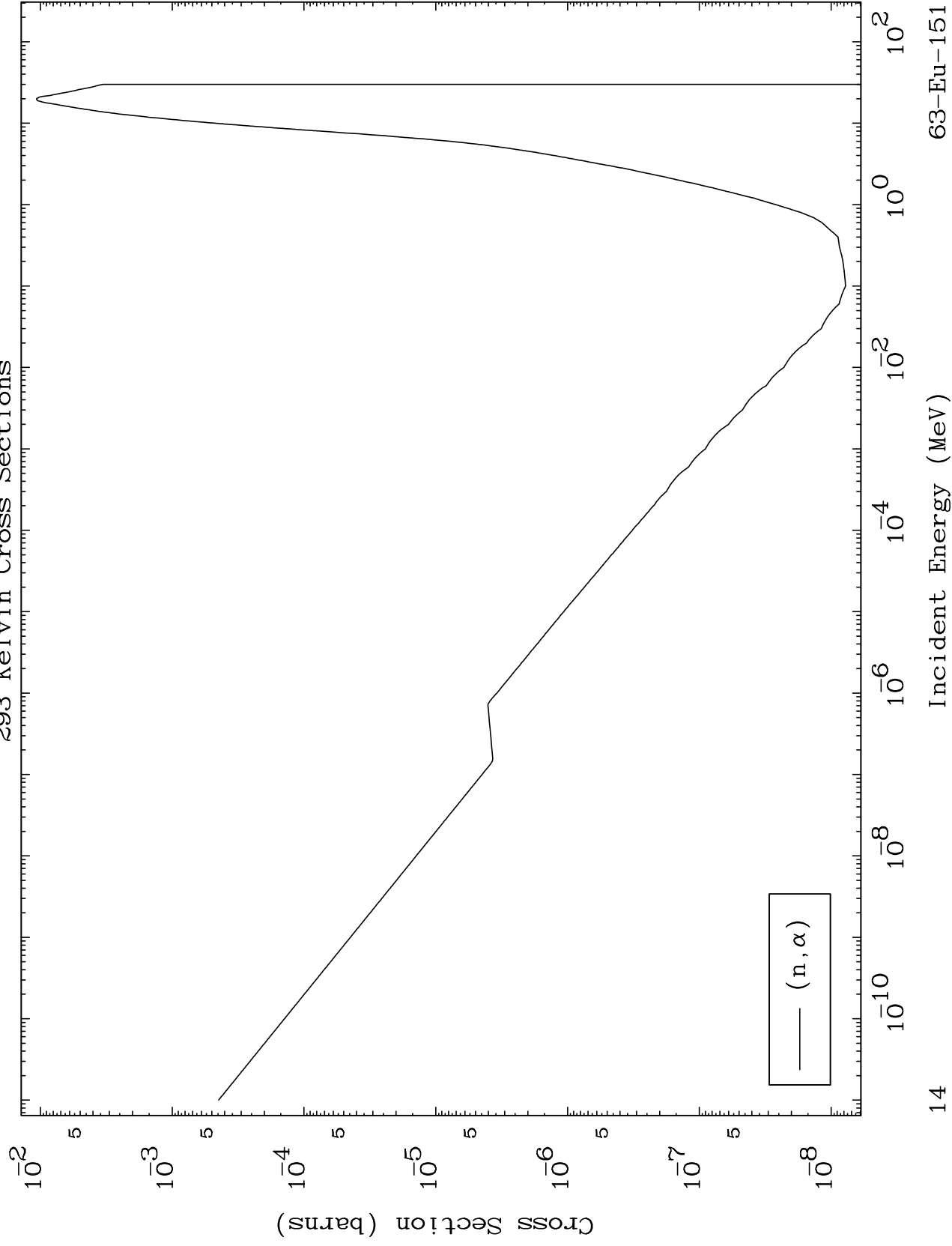
Incident Energy (MeV)

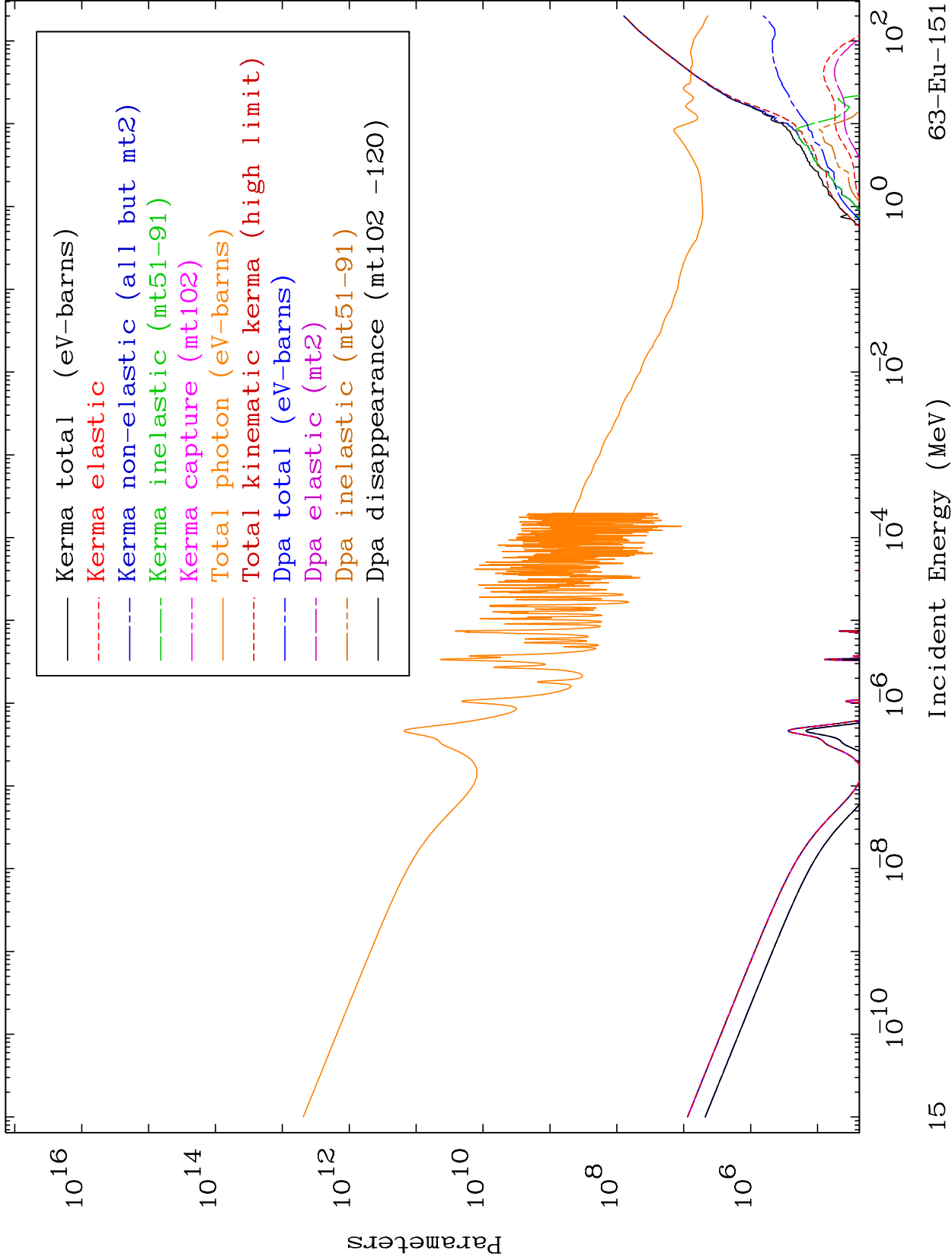
63-Eu-151

MAT 6325

(n,α) Levels  
293 Kelvin Cross Sections

63-Eu-151



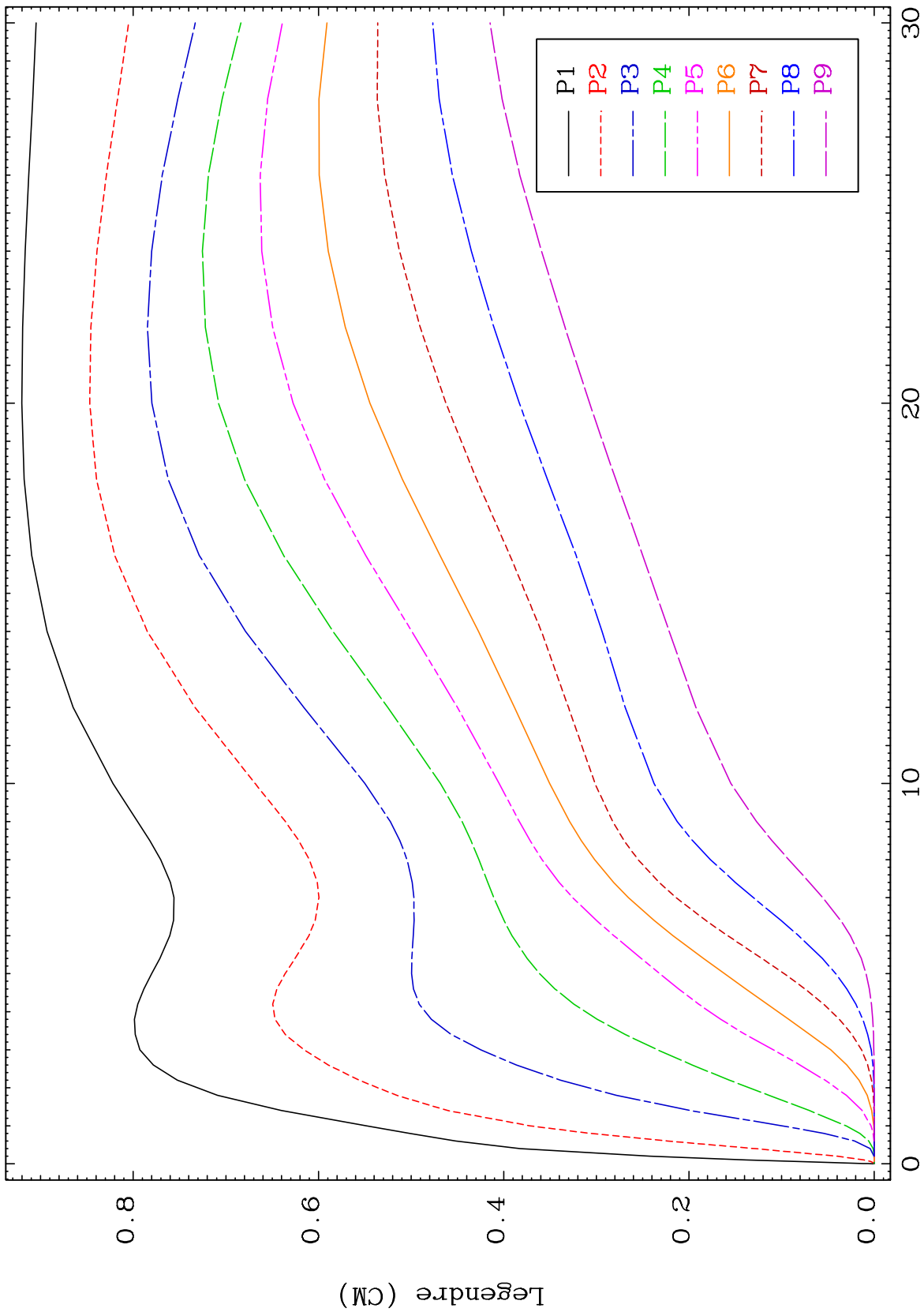




MAT 6325

Elastic Legendre Coefficients

63-Eu-151



16

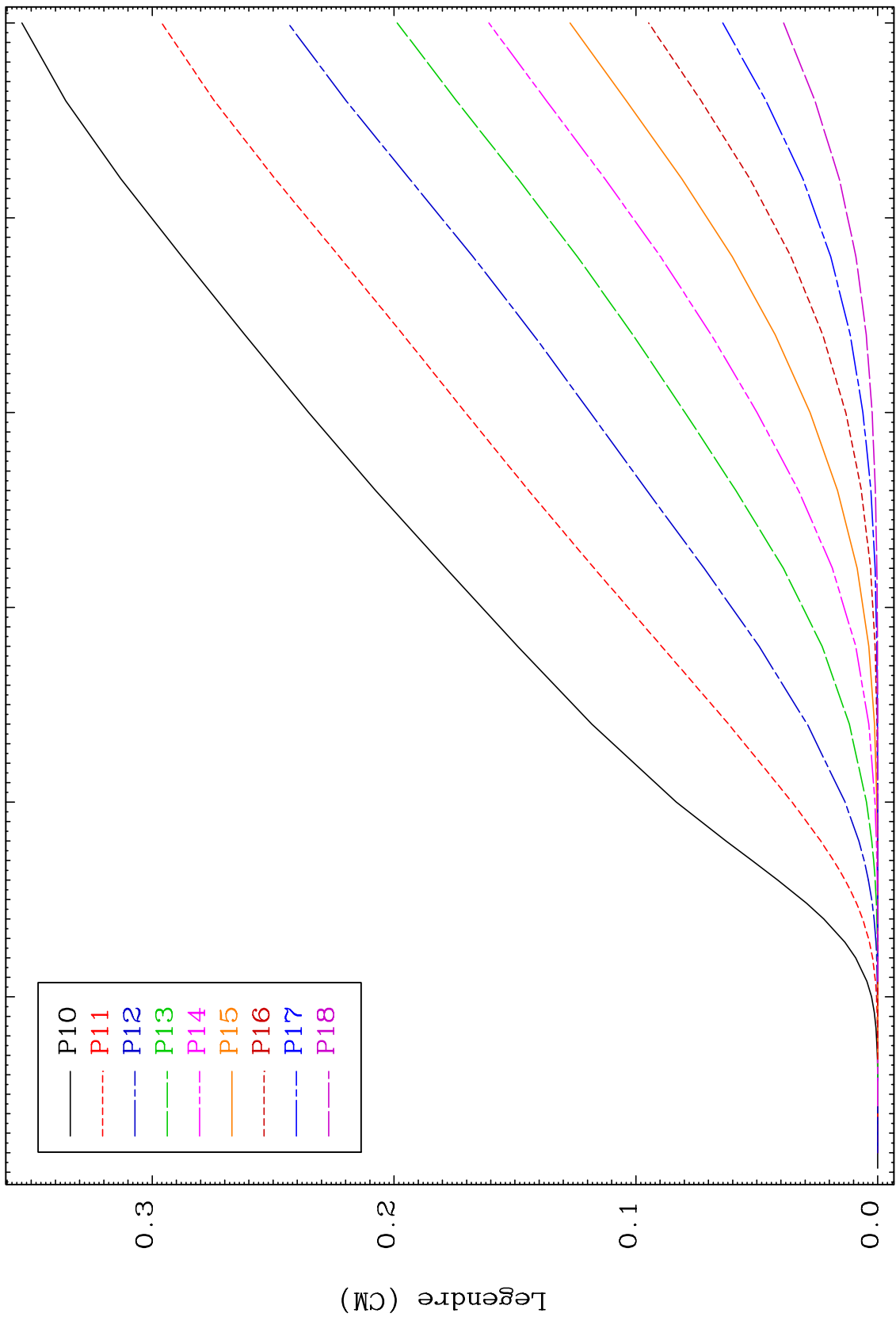
Incident Energy (MeV)

63-Eu-151

MAT 6325

Elastic Legendre Coefficients

63-Eu-151



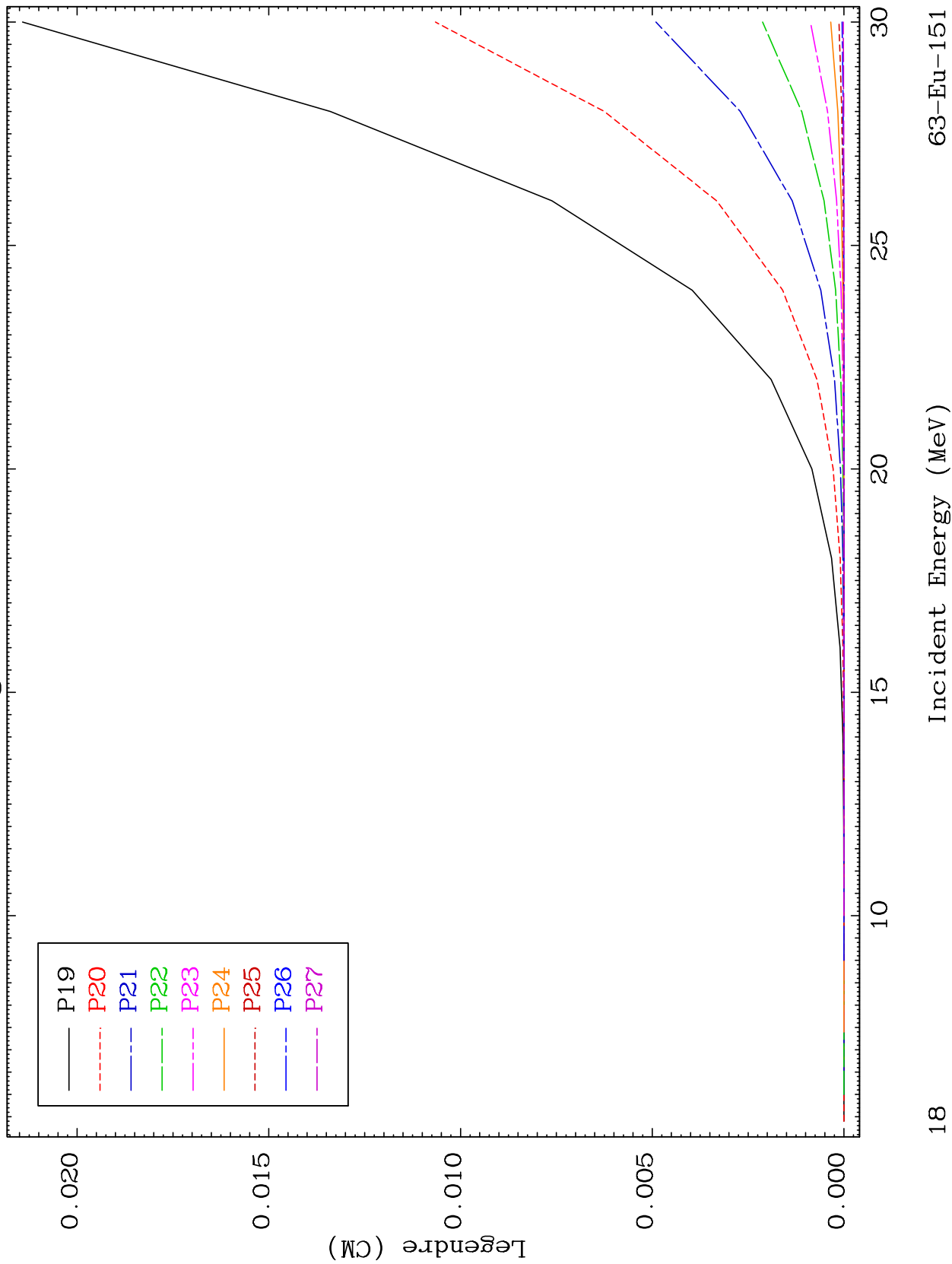
17

63-Eu-151

MAT 6325

### Elastic Legendre Coefficients

63-Eu-151



18

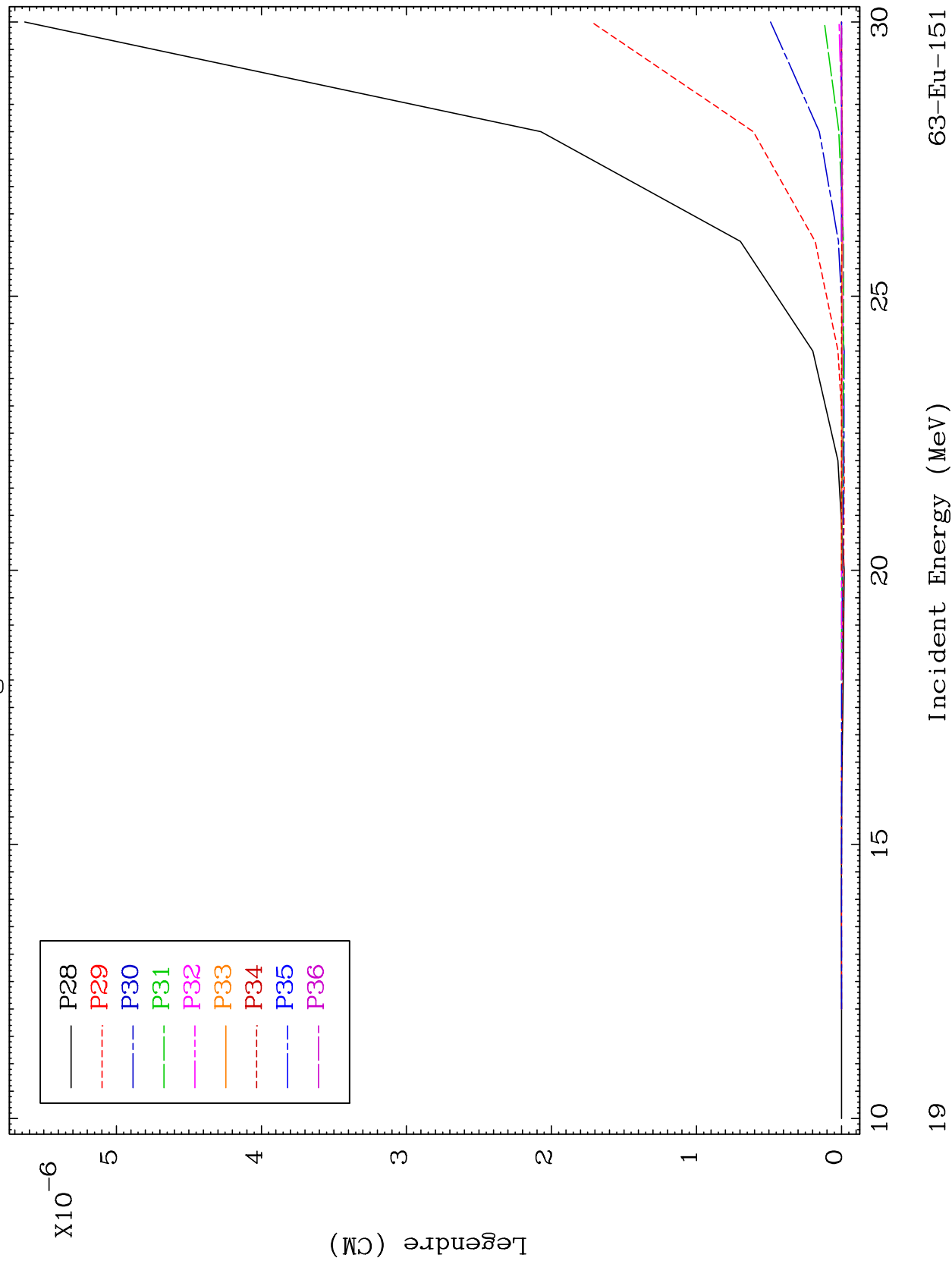
Incident Energy (MeV)

63-Eu-151

MAT 6325

Elastic Legendre Coefficients

63-Eu-151



63-Eu-151

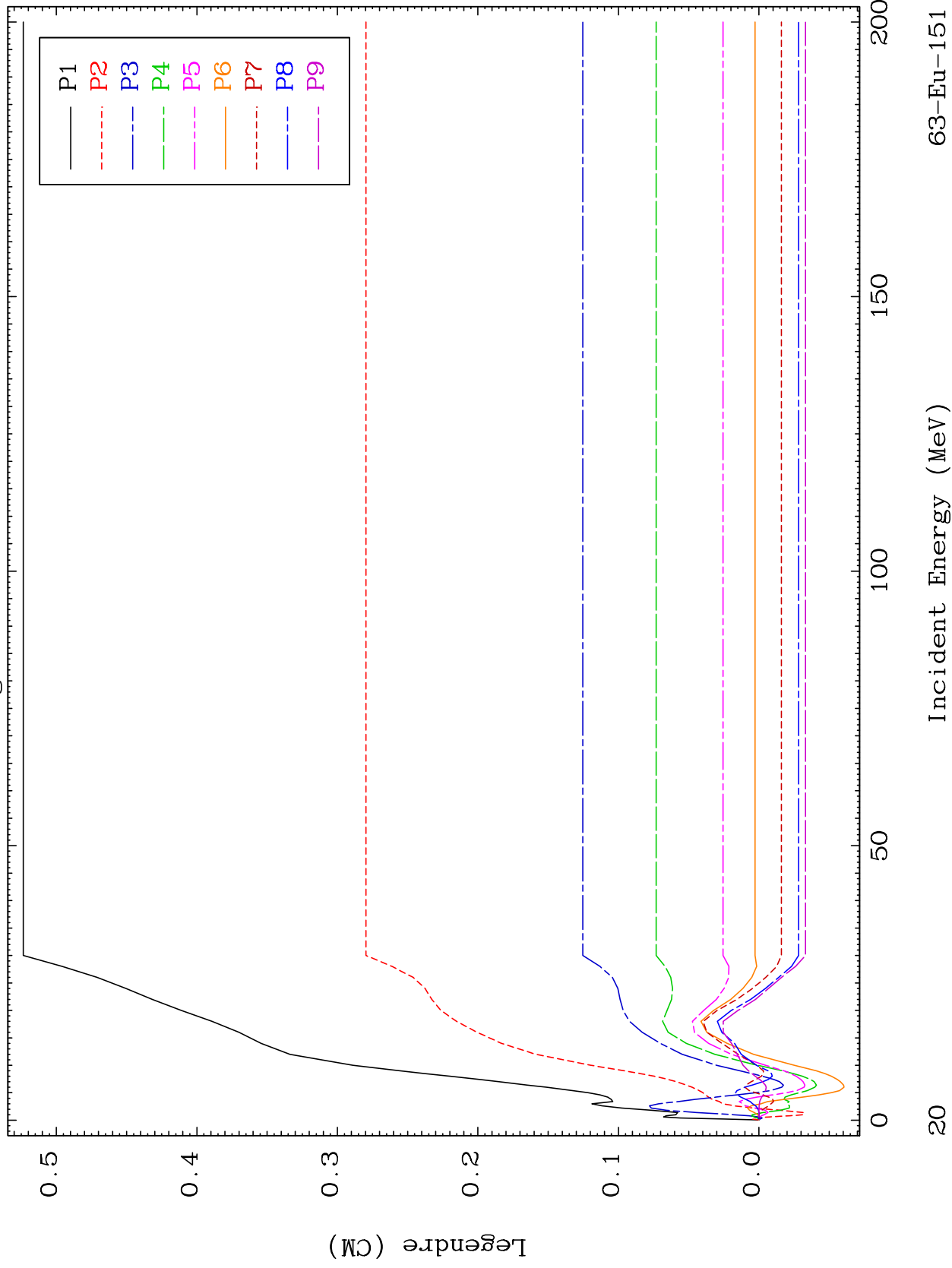
Incident Energy (MeV)

19

MAT 6325

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

63-Eu-151



63-Eu-151

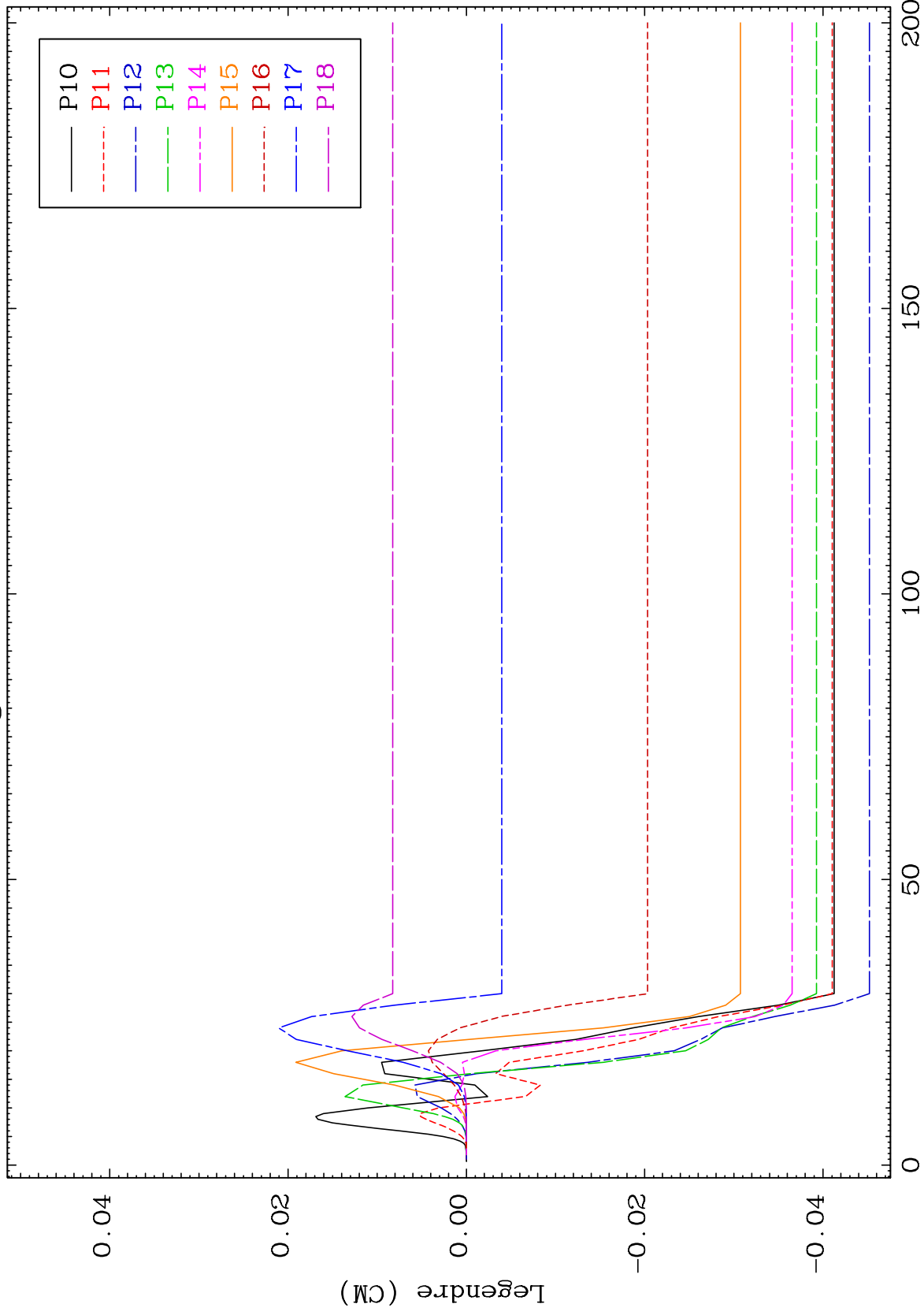
Incident Energy (MeV)

Legendre (CM)

MAT 6325

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

63-Eu-151



21

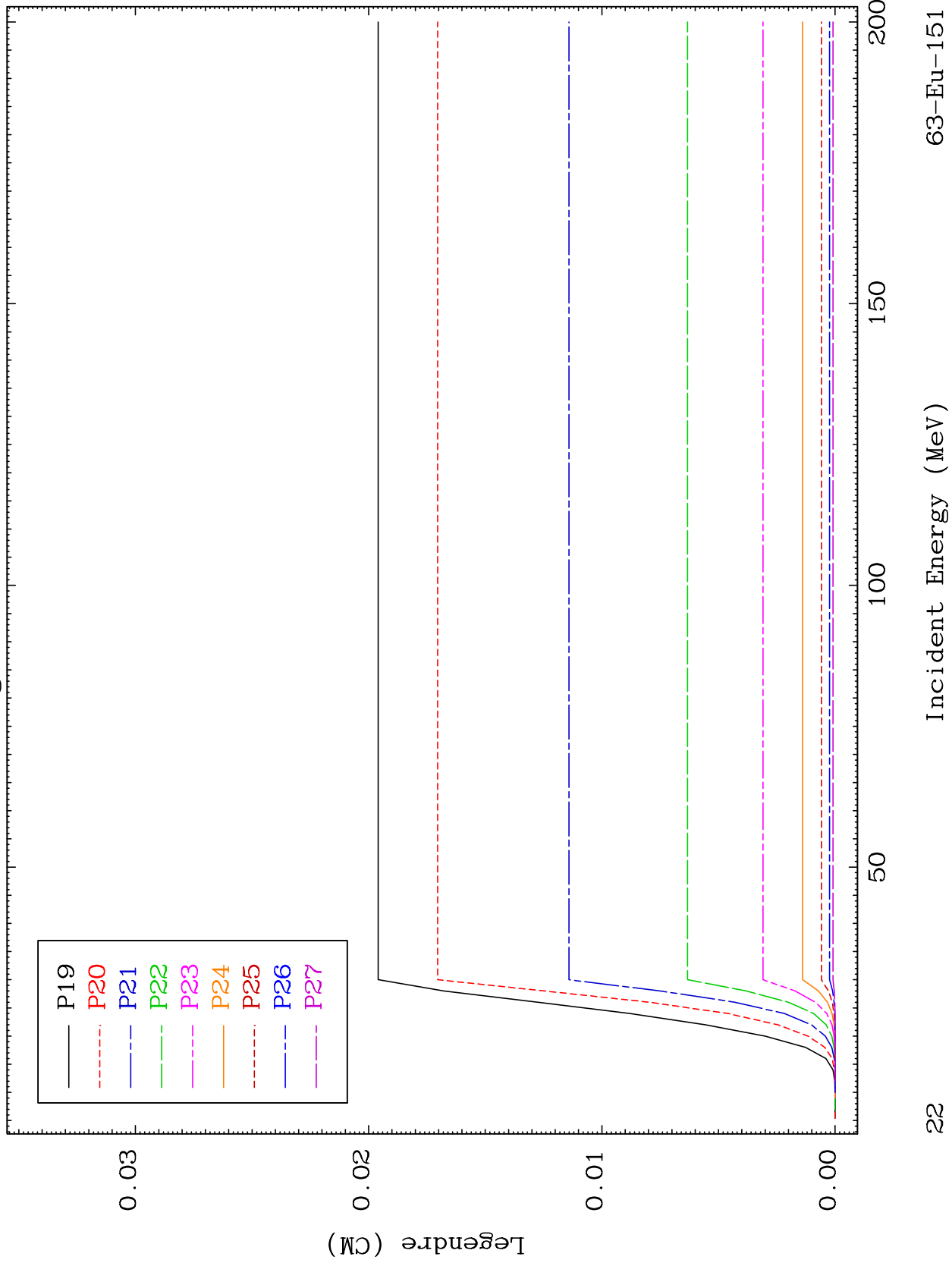
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



22

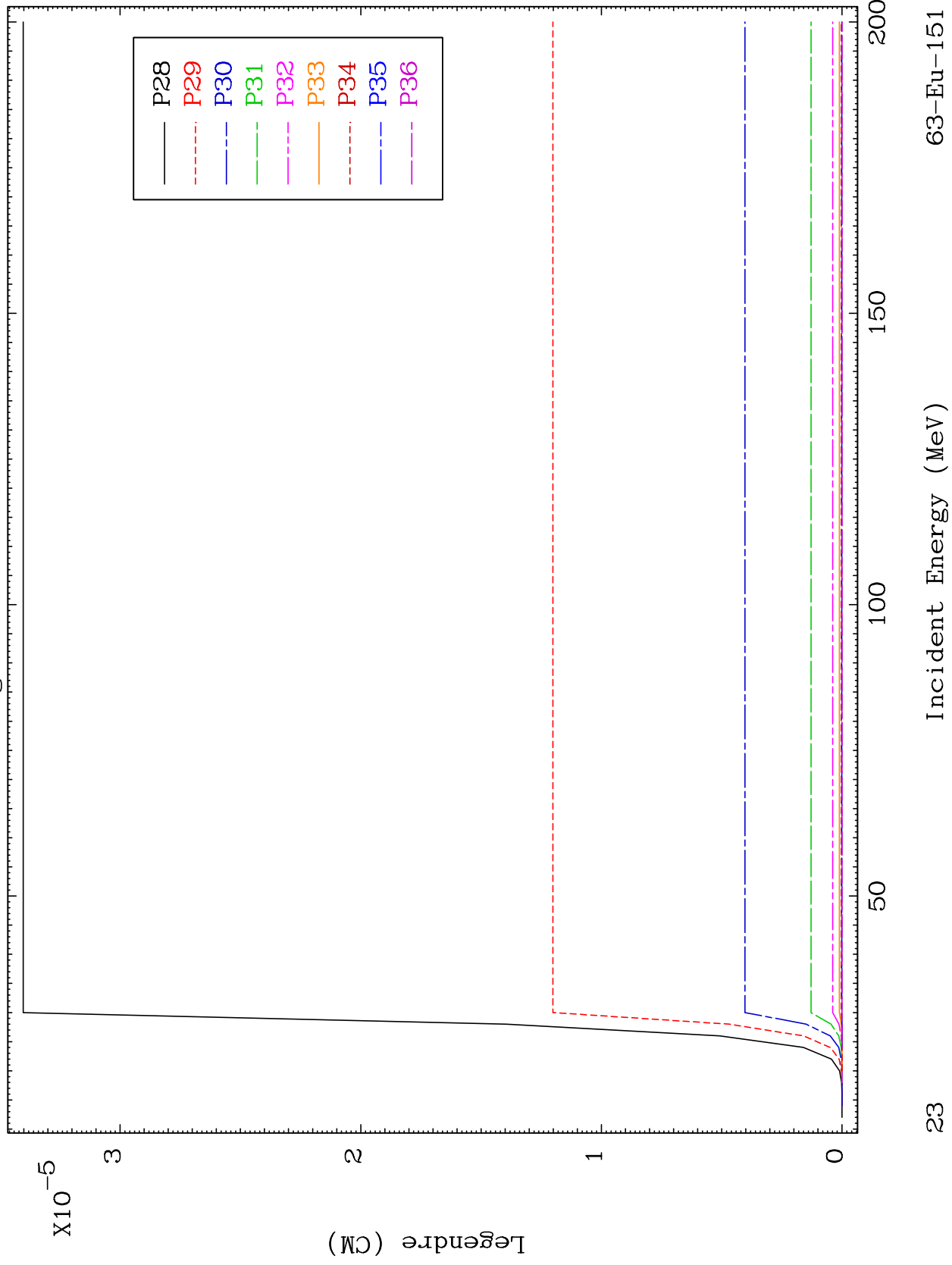
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

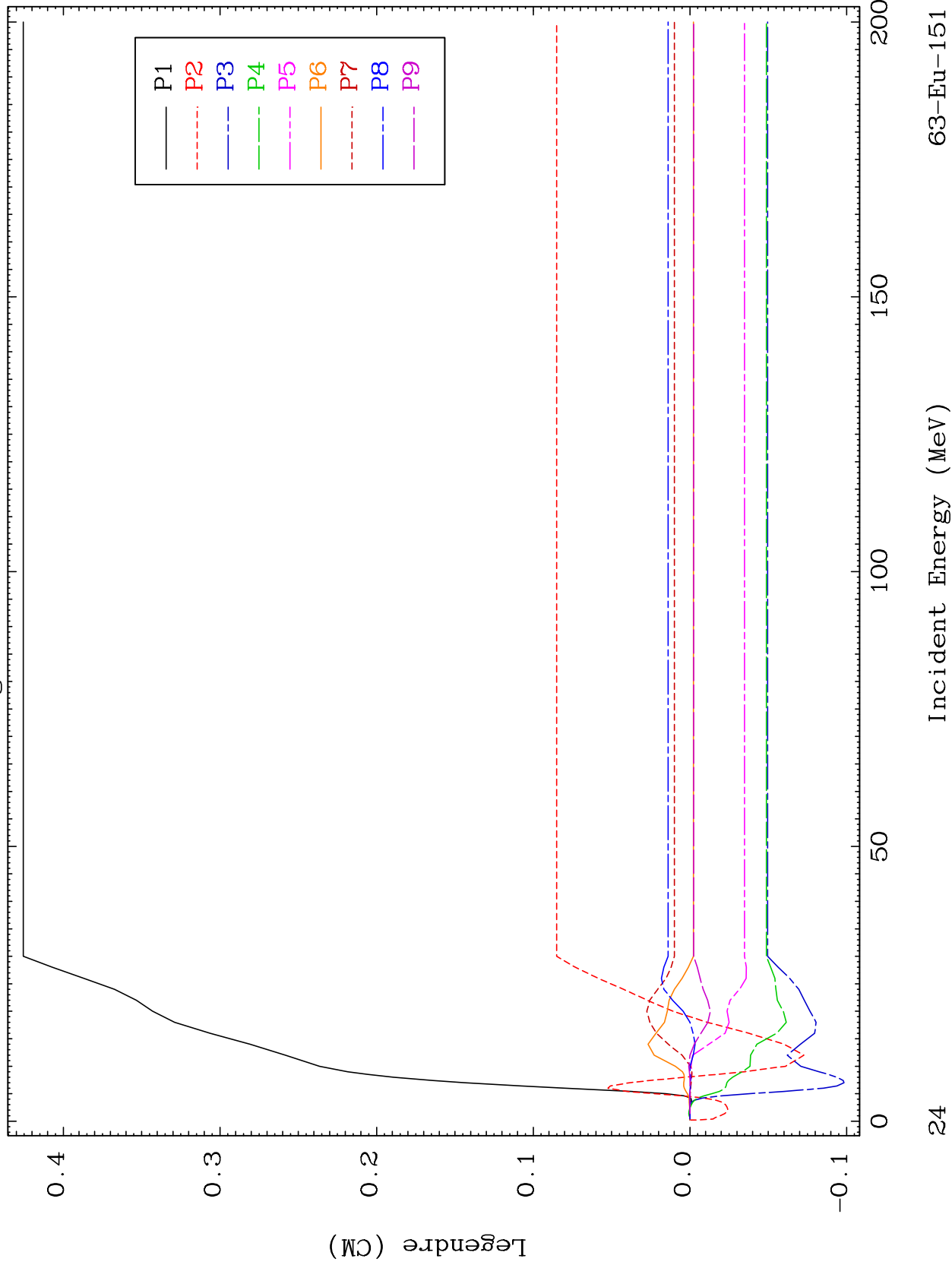




MAT 6325

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

63-Eu-151



63-Eu-151

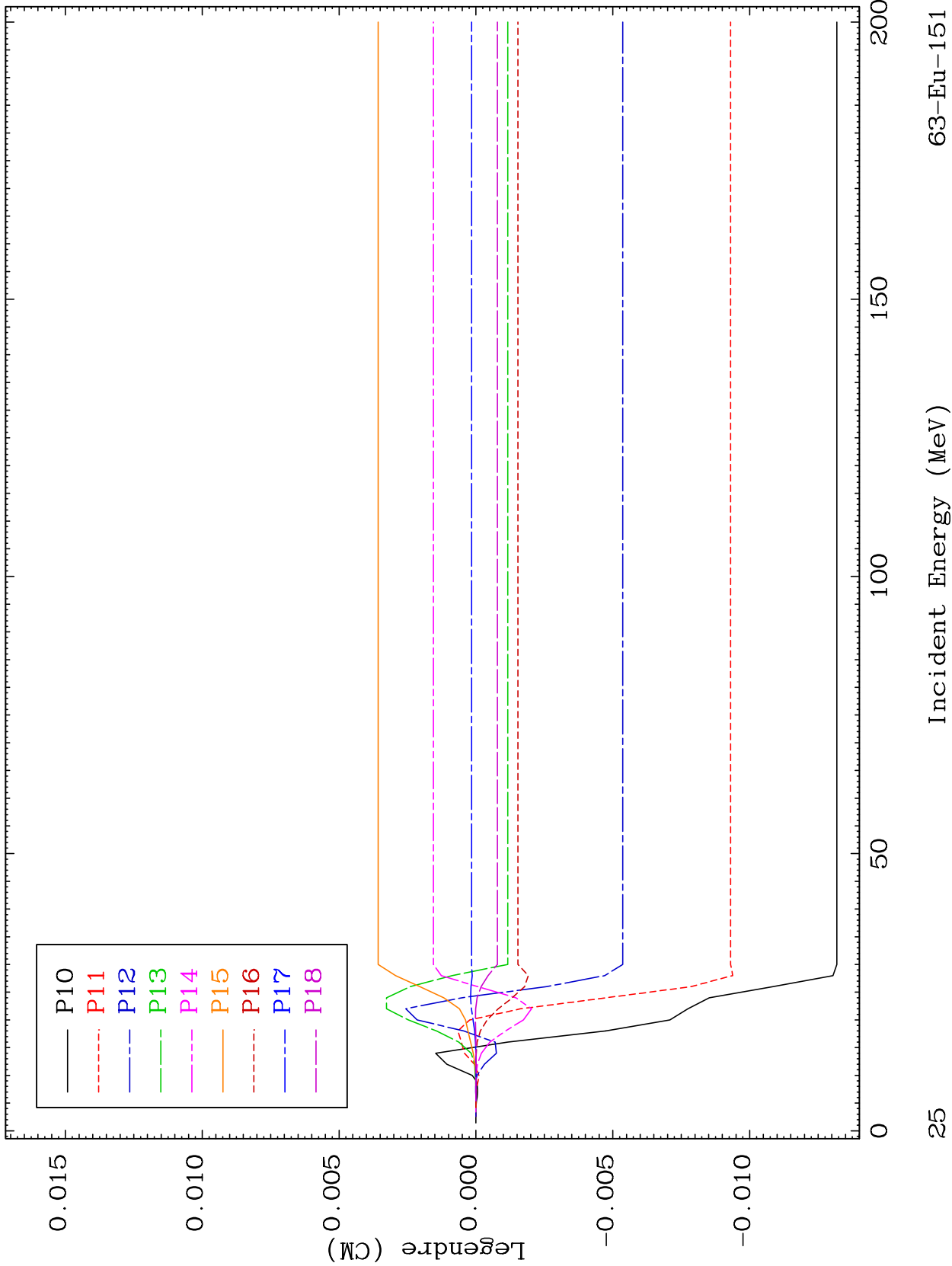
Incident Energy (MeV)

24

MAT 6325

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

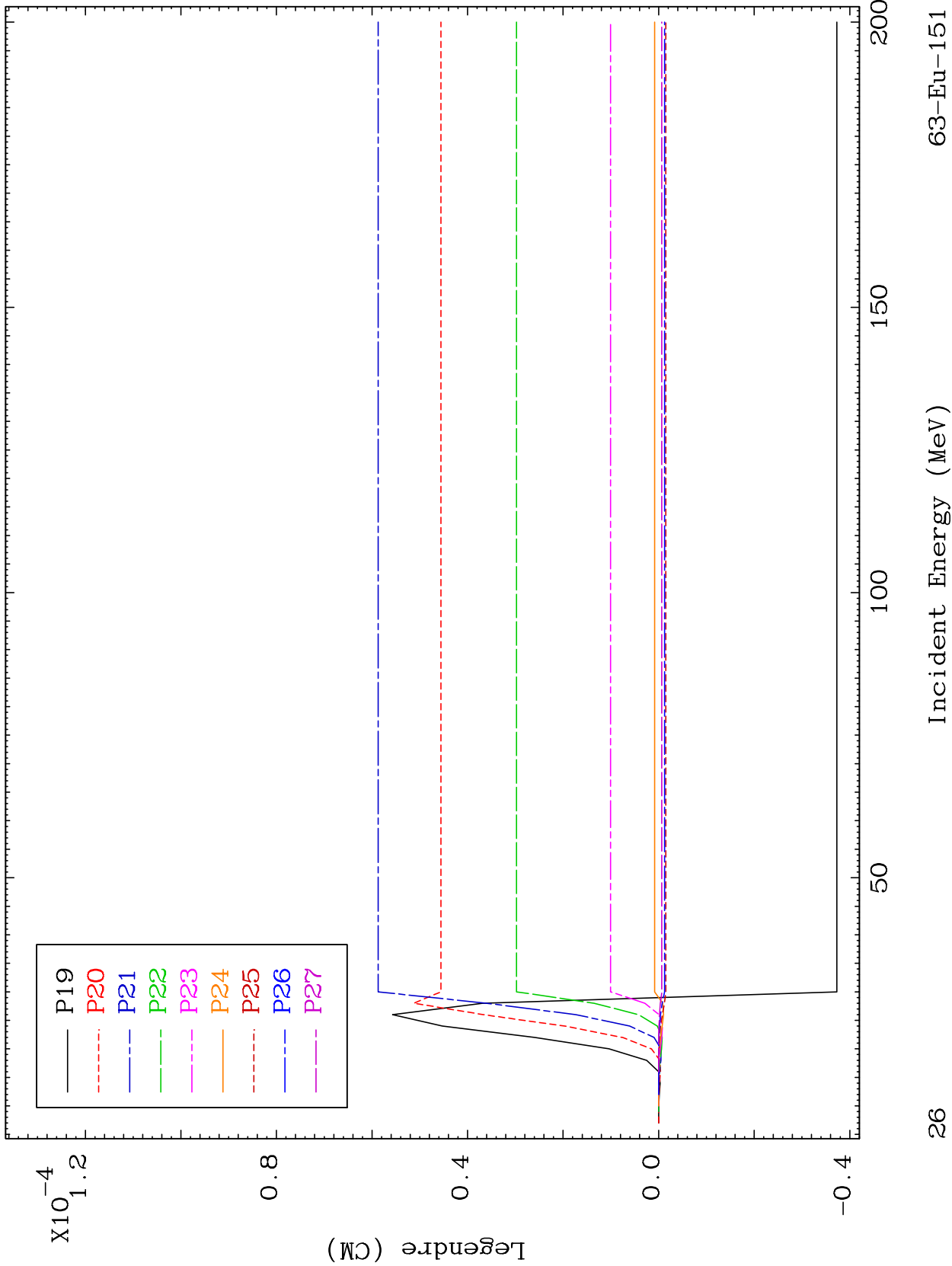
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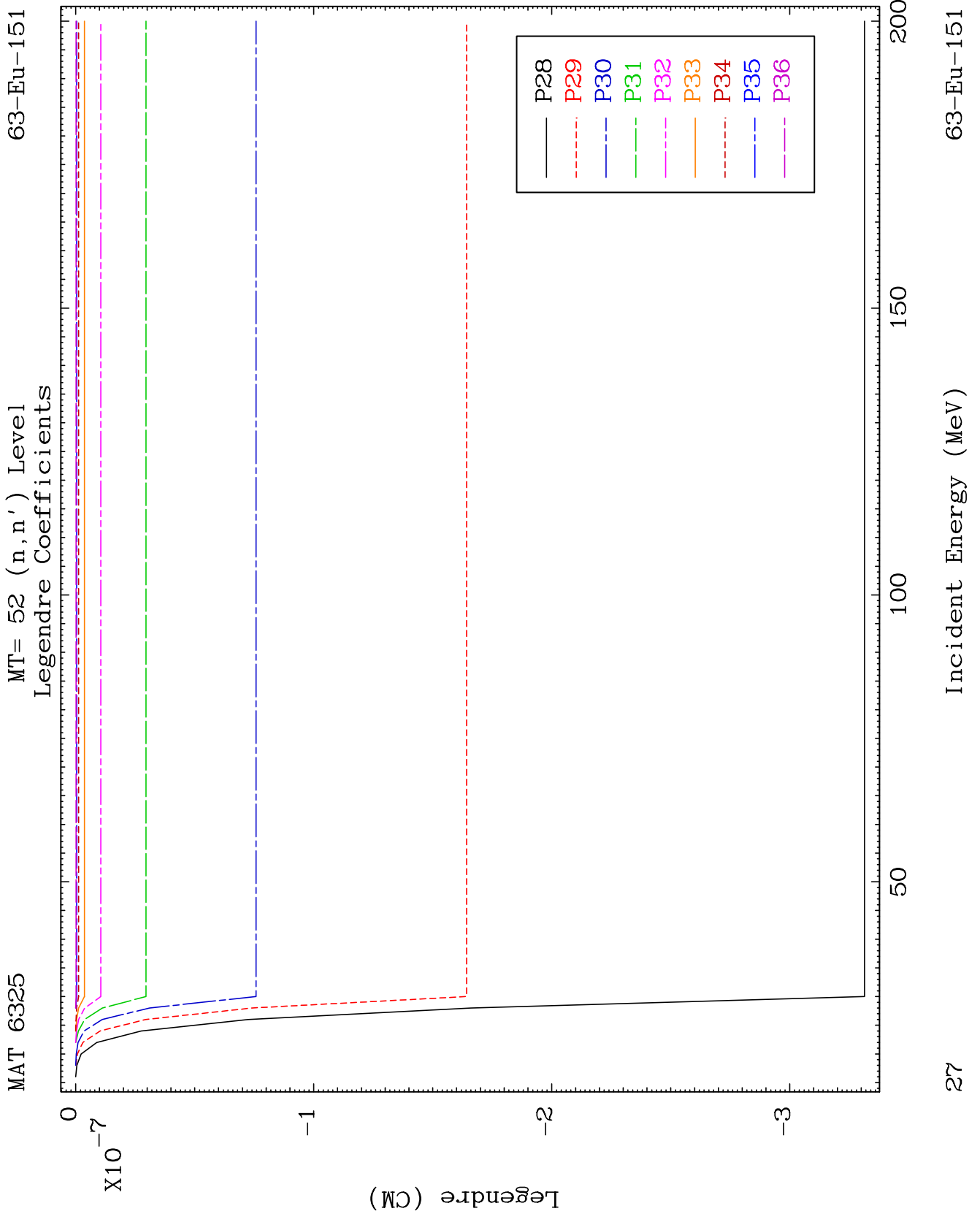


63-Eu-151

Incident Energy (MeV)

25

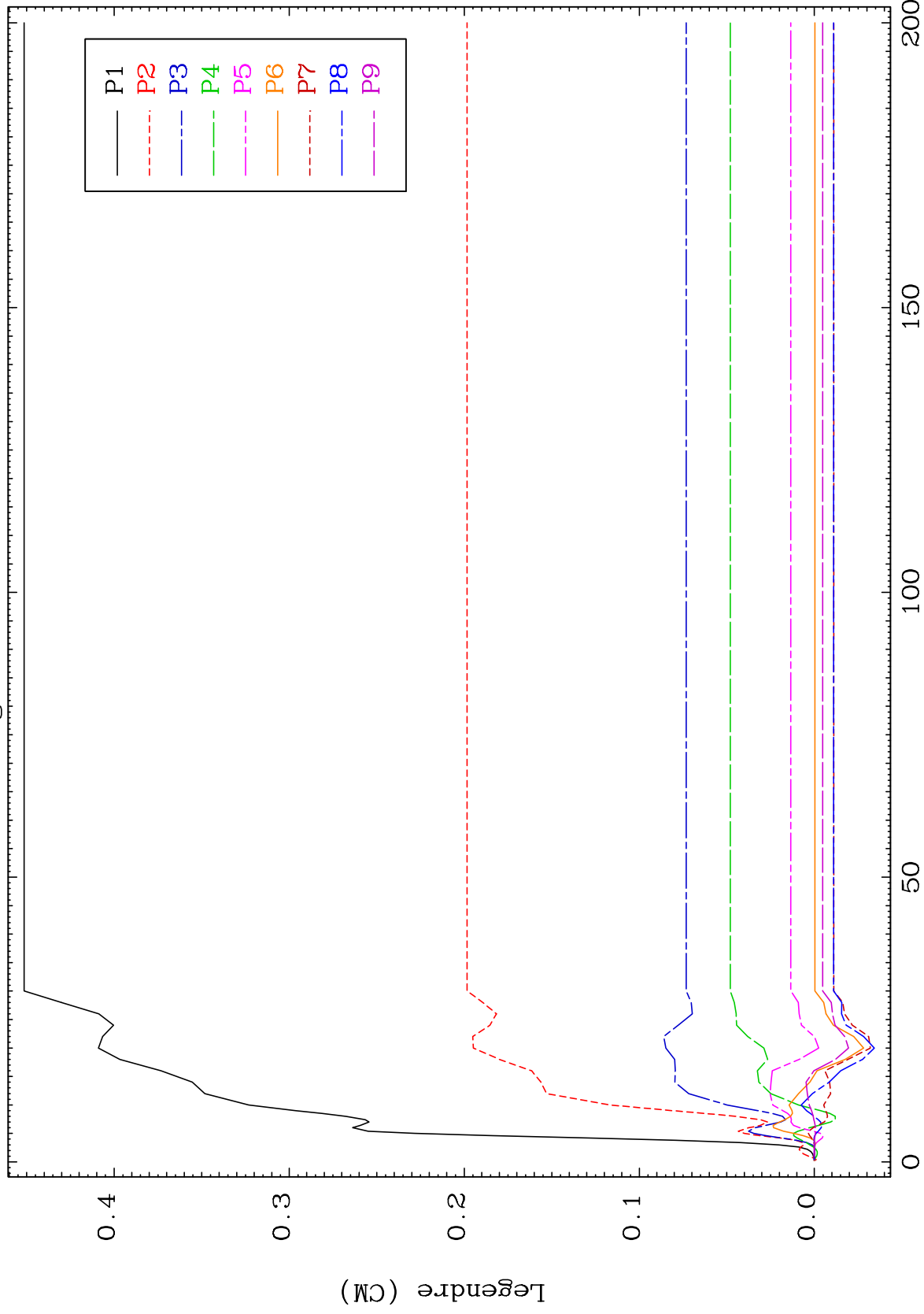




MAT 6325

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

63-Eu-151



28

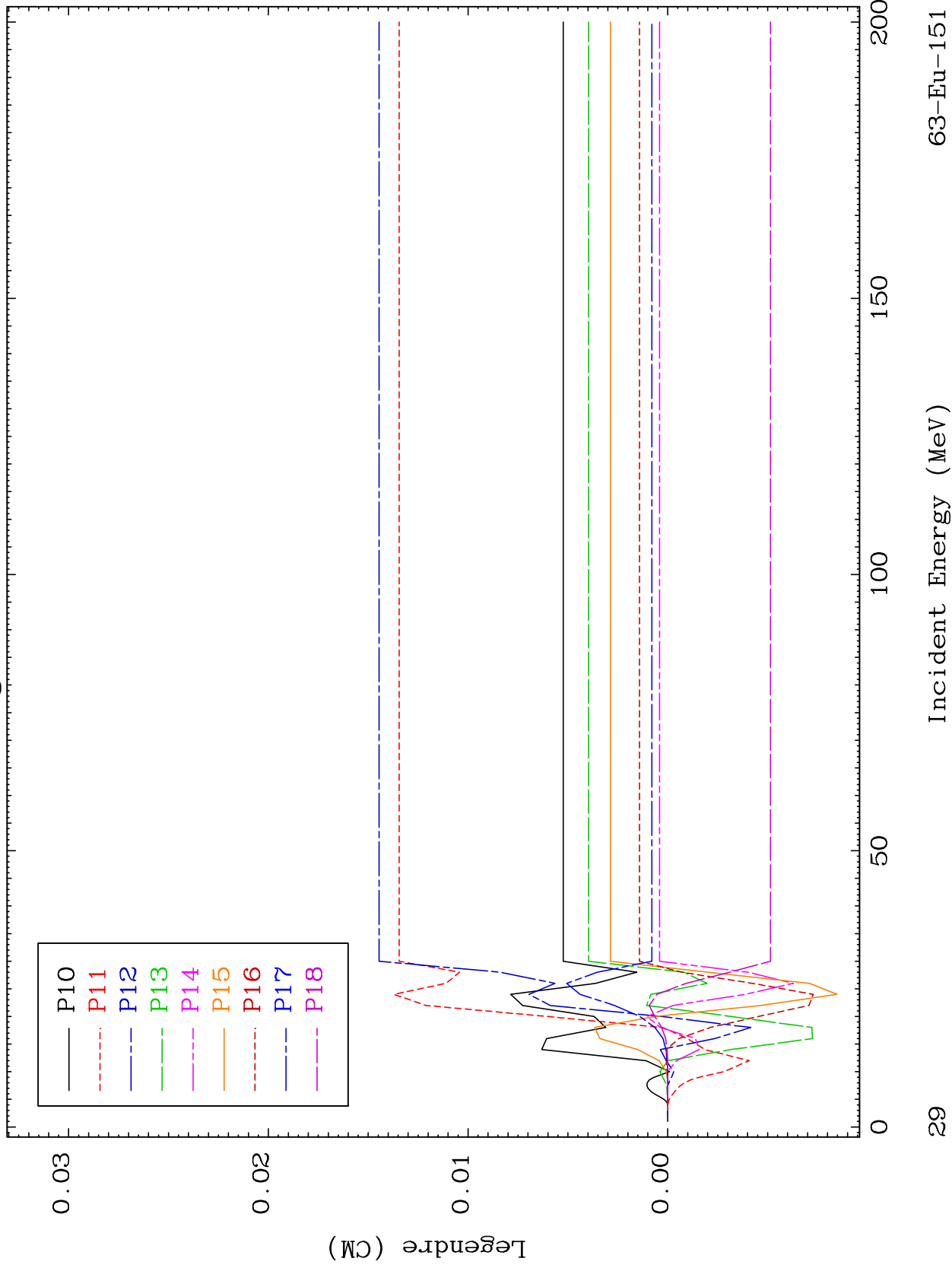
Incident Energy (MeV)

63-Eu-151

MAT 6325

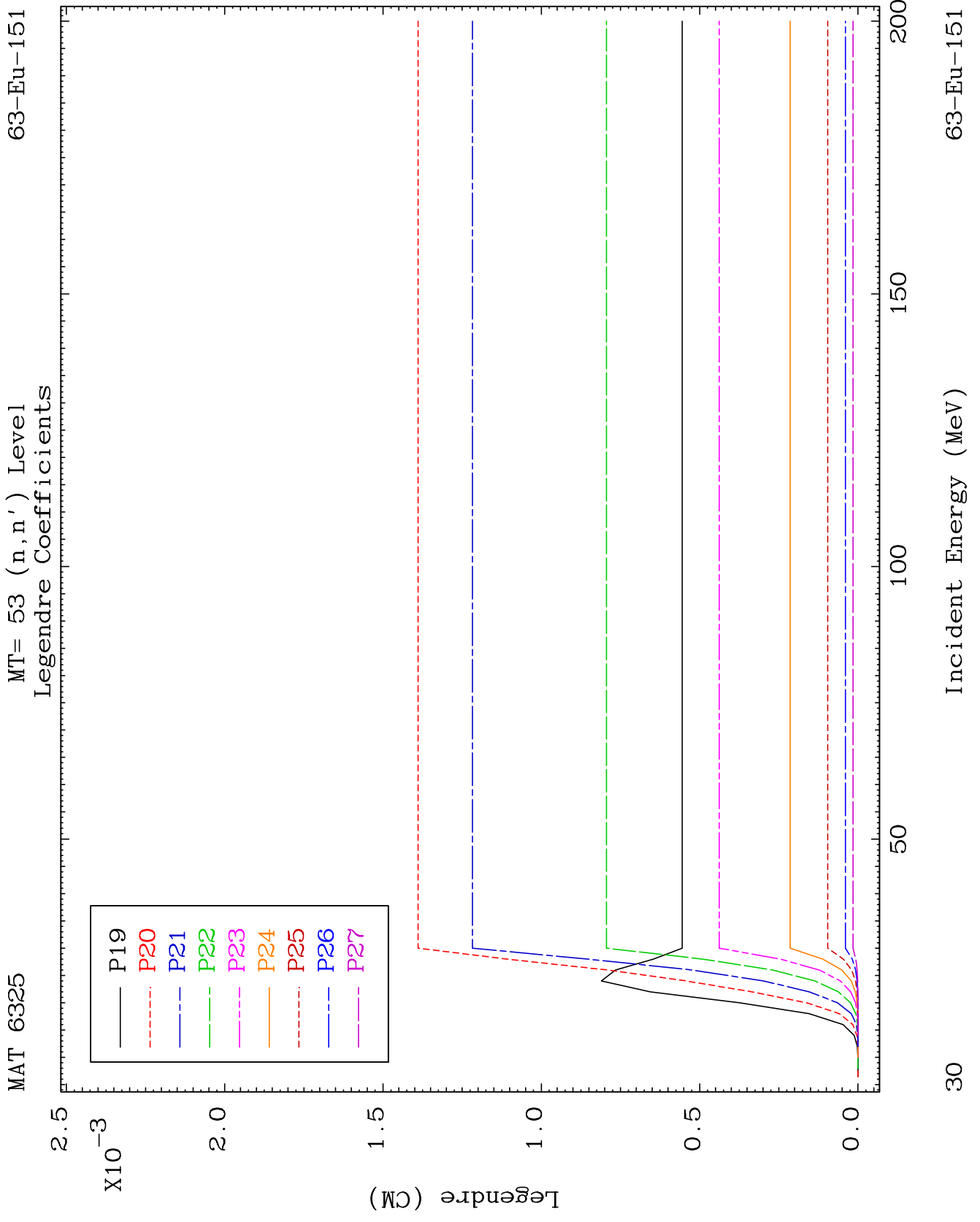
MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-151



29

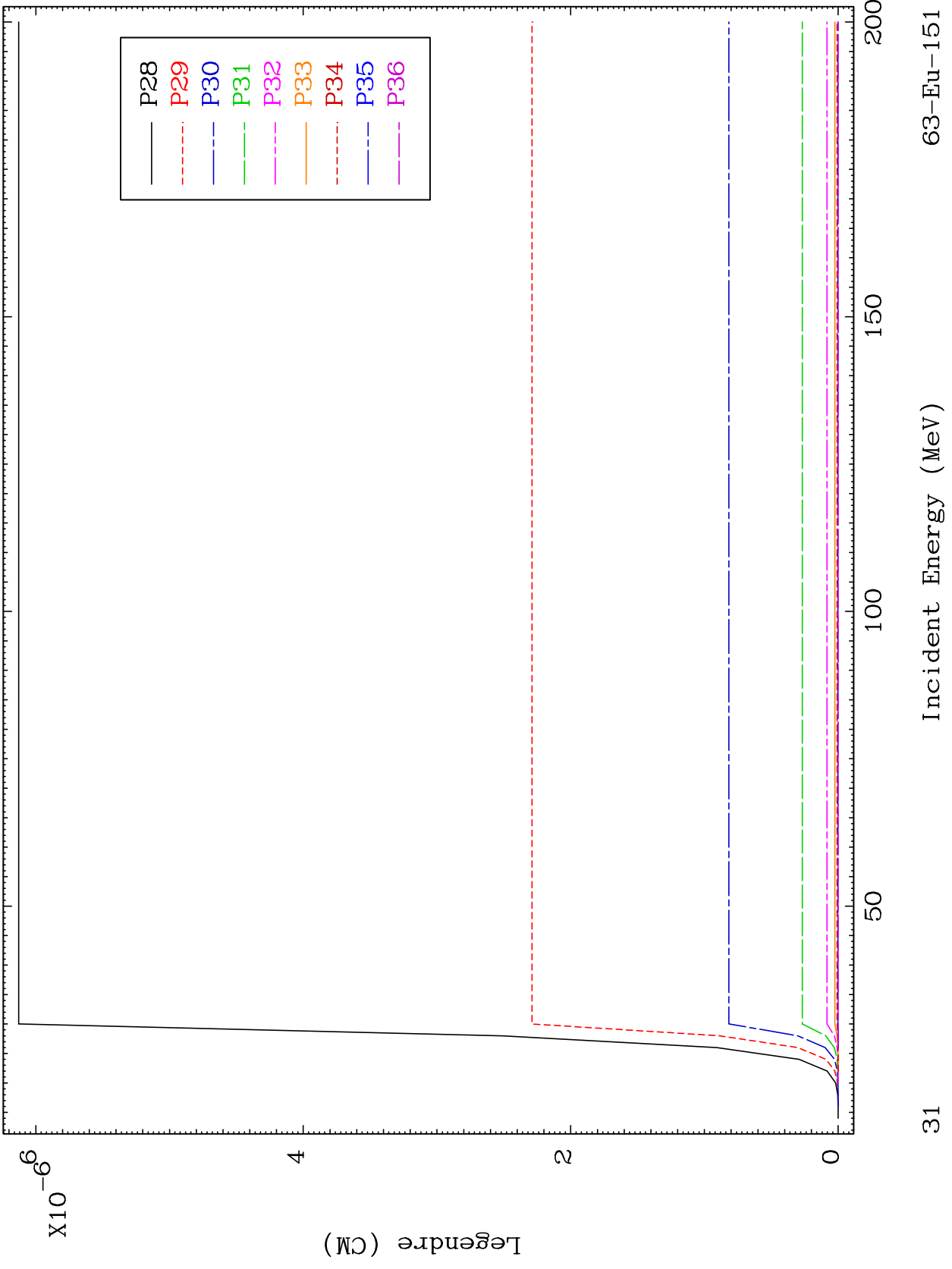
63-Eu-151



MAT 6325

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

63-Eu-151



31

Incident Energy (MeV)

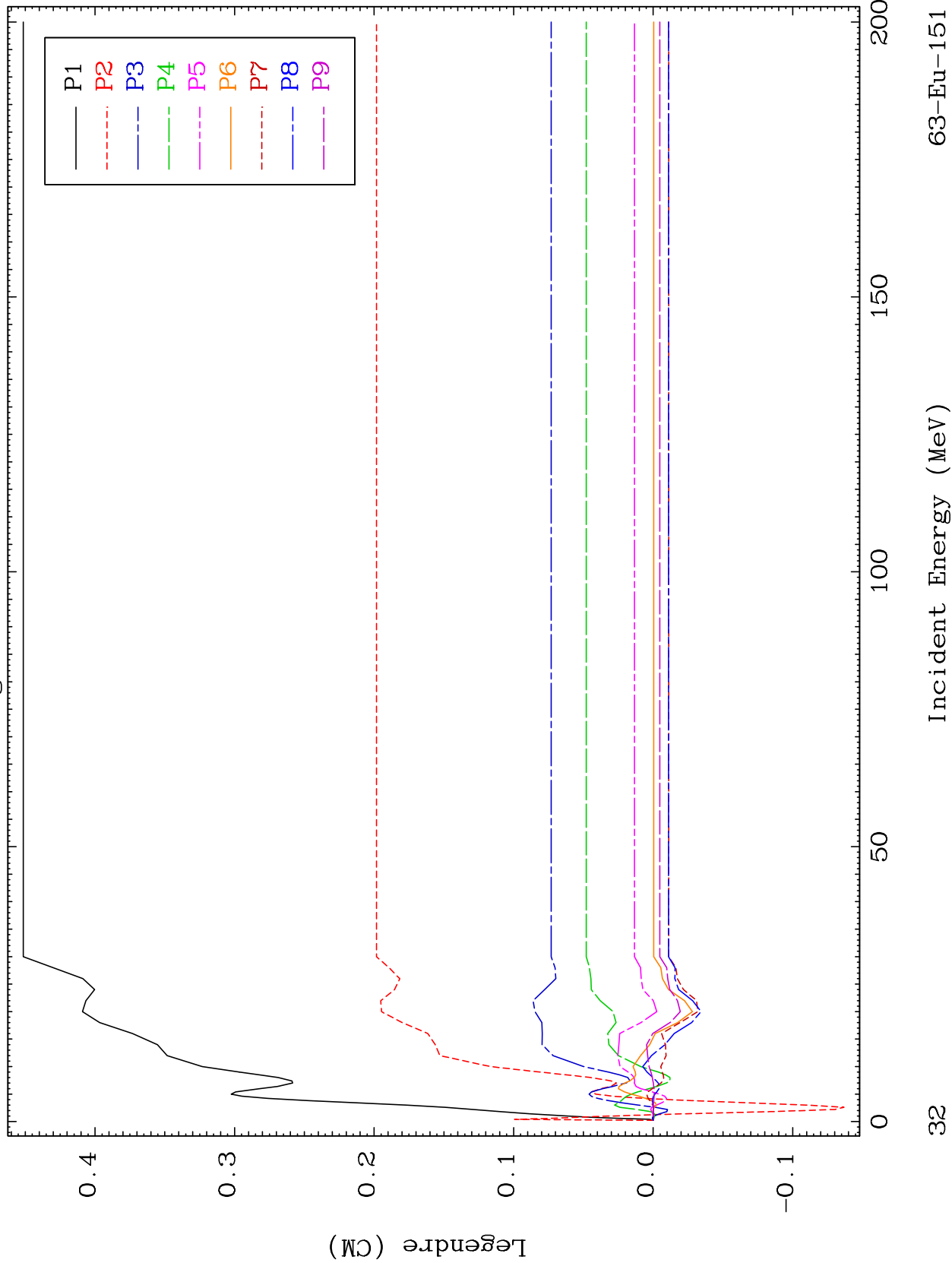
63-Eu-151



MAT 6325

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

63-Eu-151



63-Eu-151

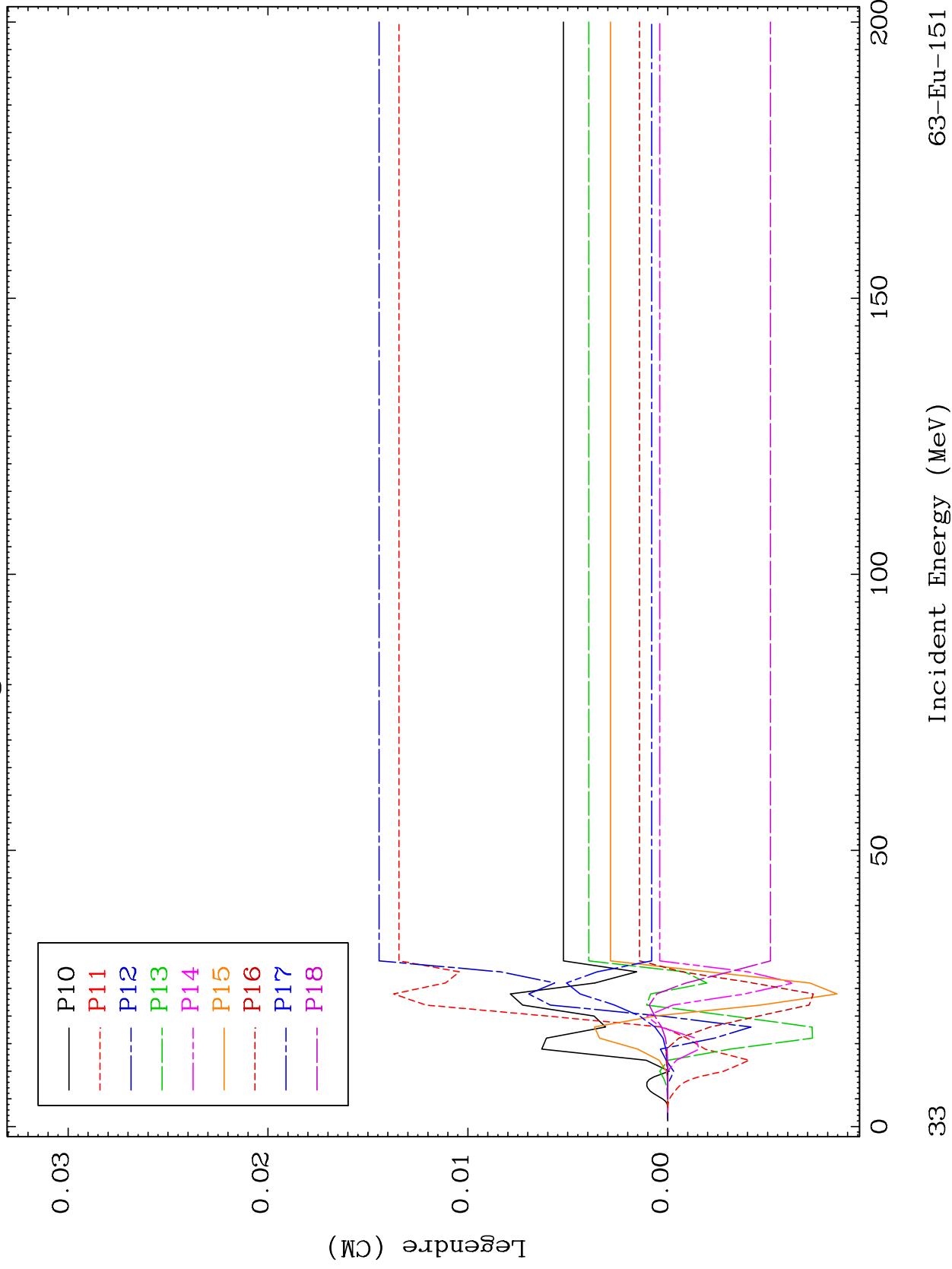
Incident Energy (MeV)

32

MAT 6325

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

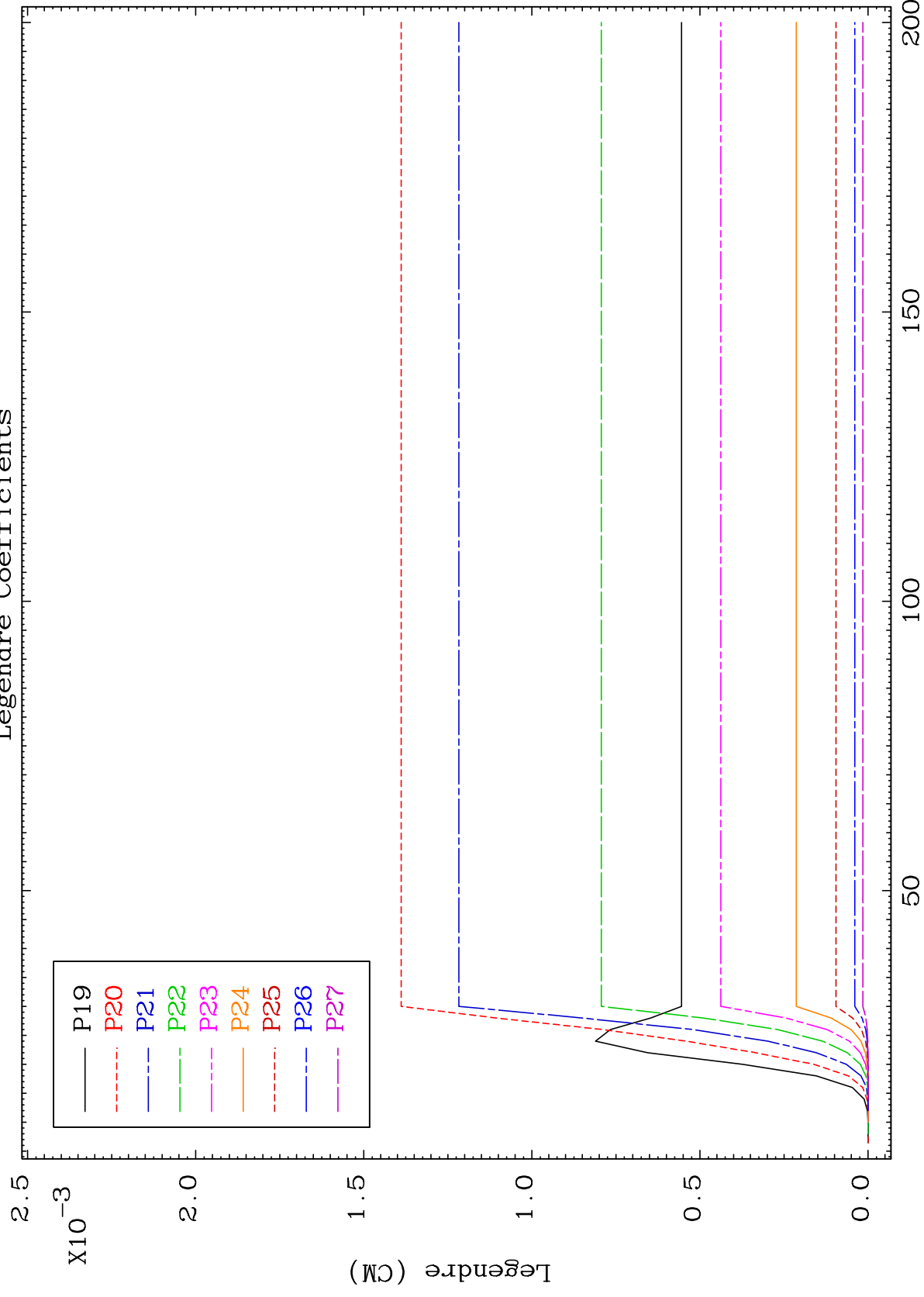
63-Eu-151



33

Incident Energy (MeV)

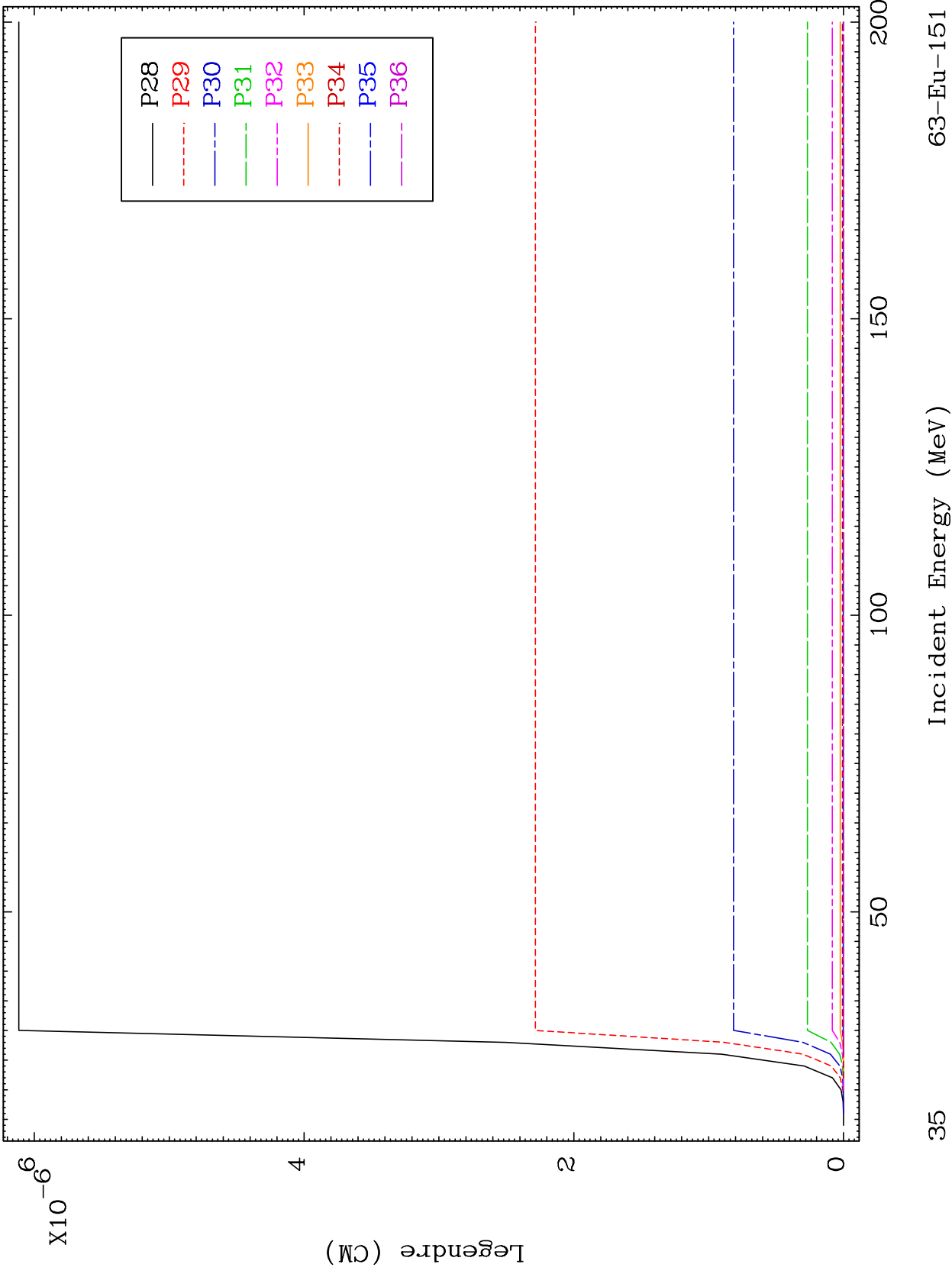
63-Eu-151



MAT 6325

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

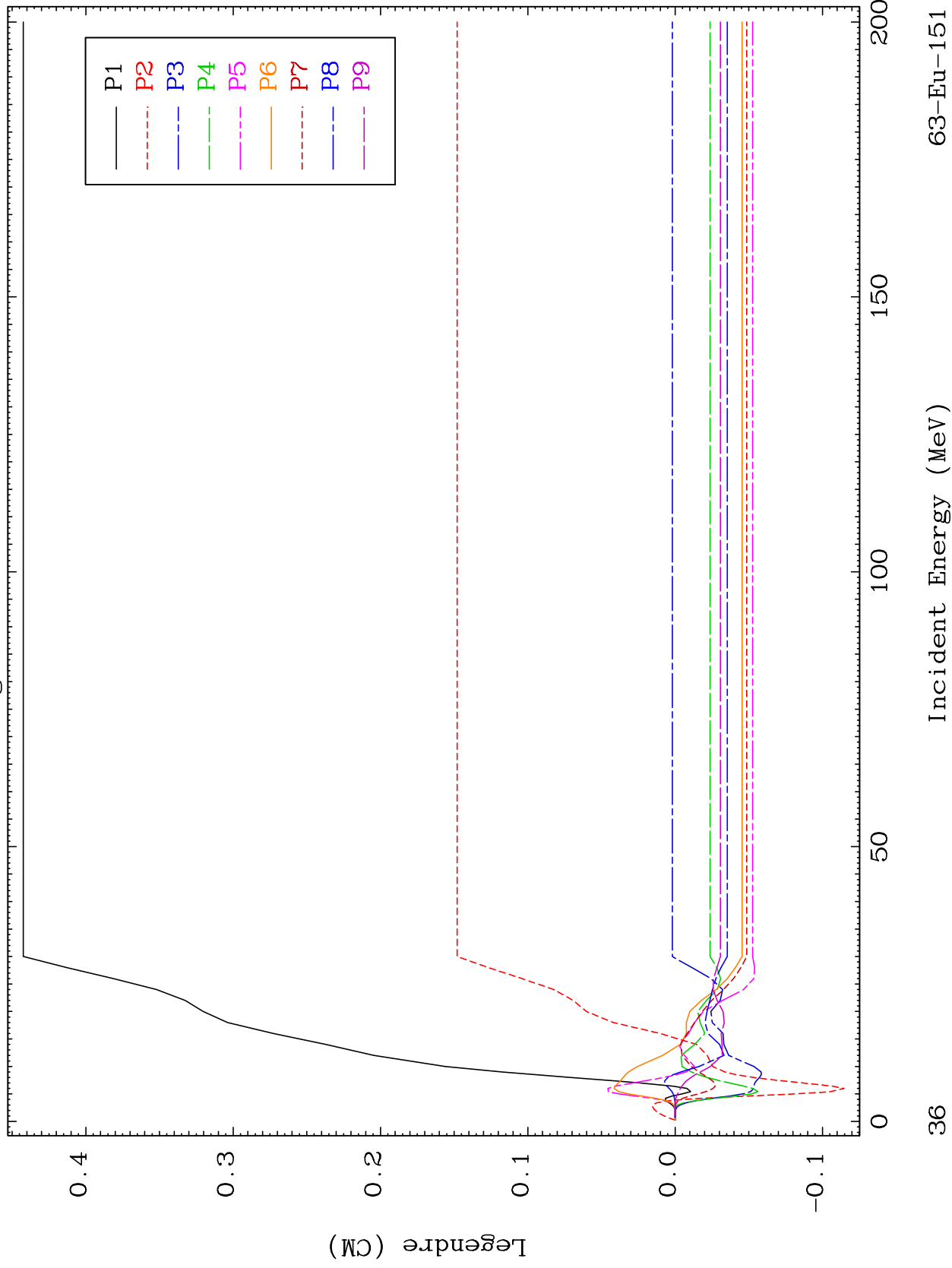
63-Eu-151



MAT 6325

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

63-Eu-151

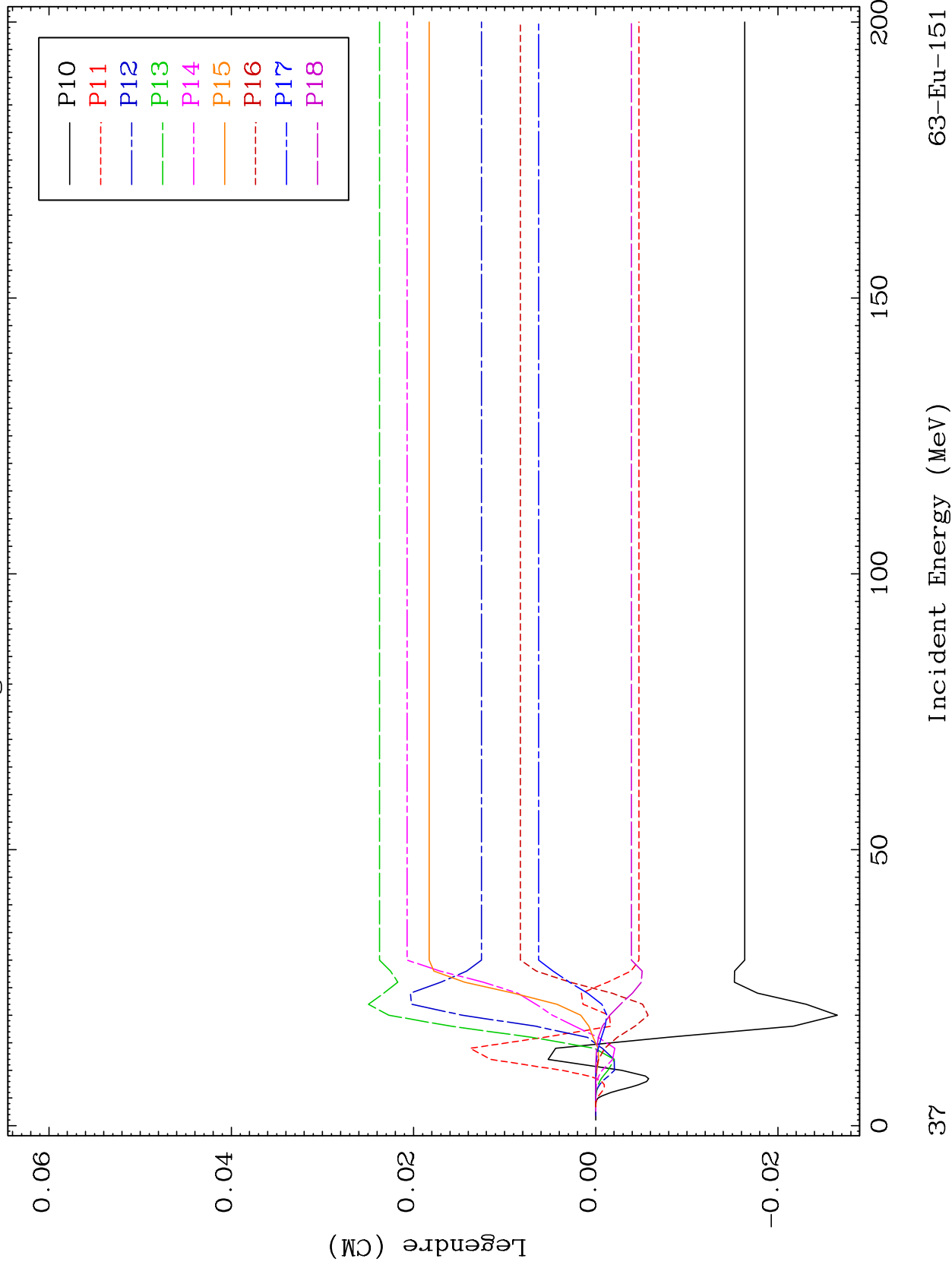


63-Eu-151

MAT 6325

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

63-Eu-151

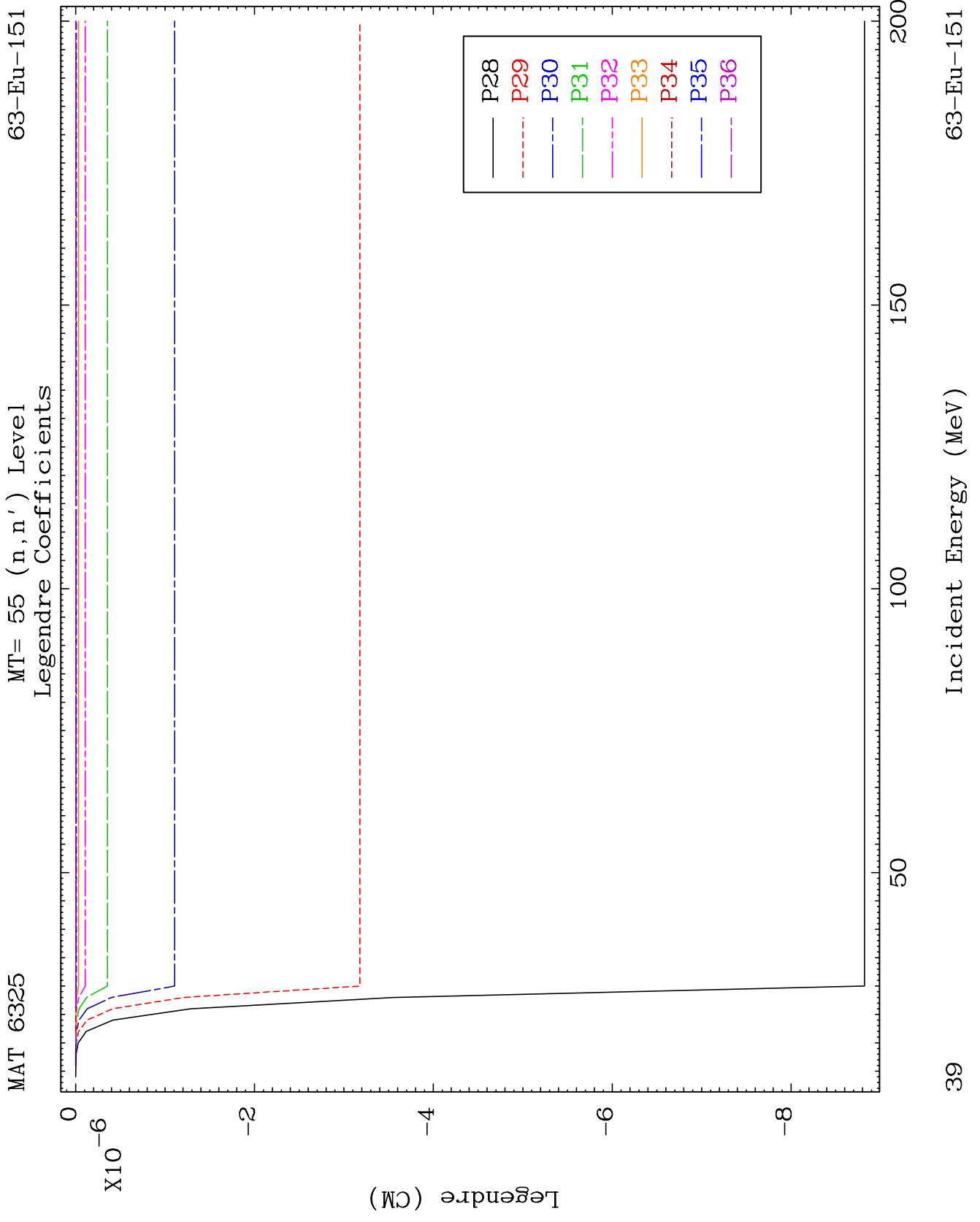


37

Incident Energy (MeV)

63-Eu-151



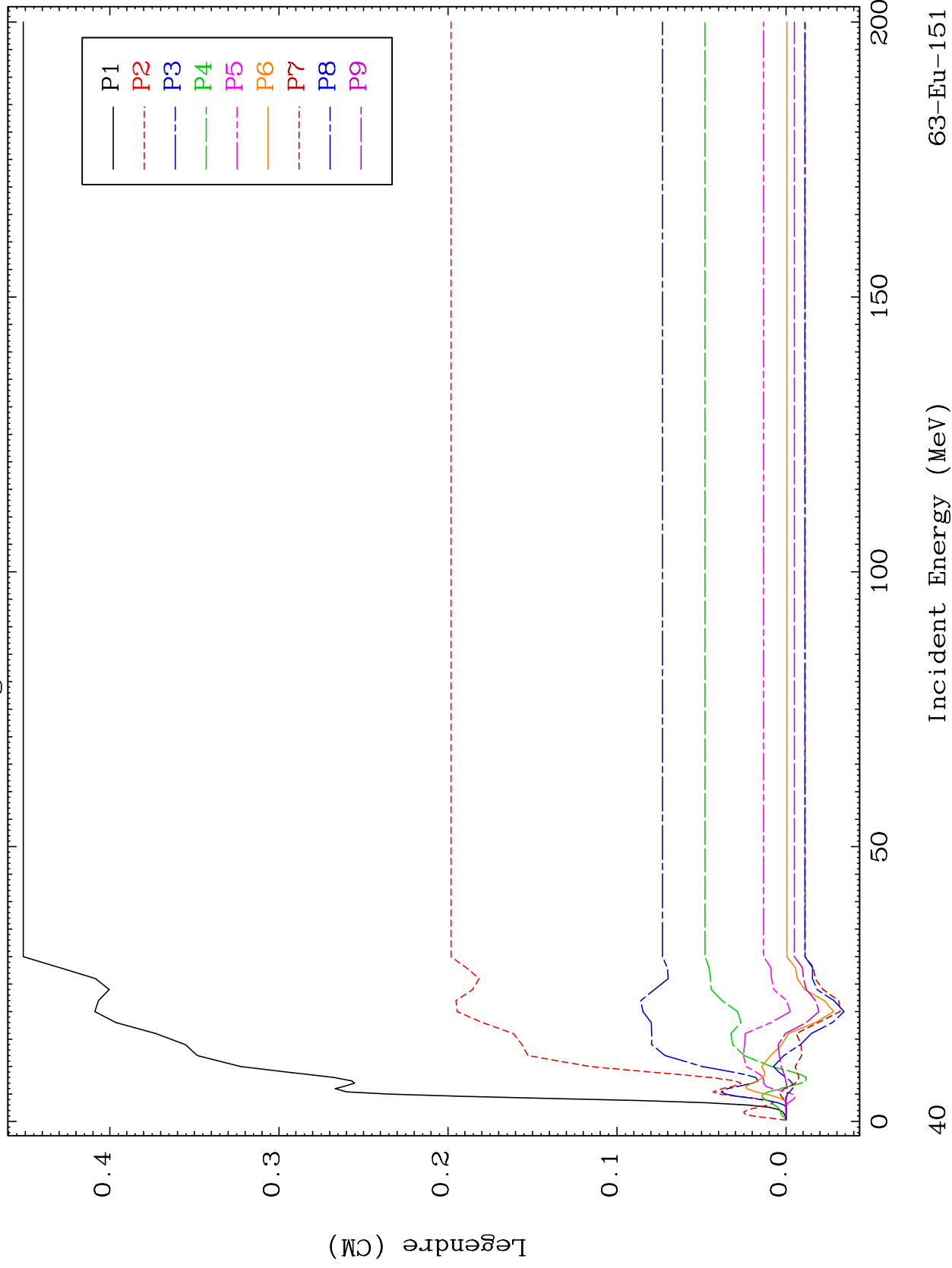




MAT 6325

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

63-Eu-151



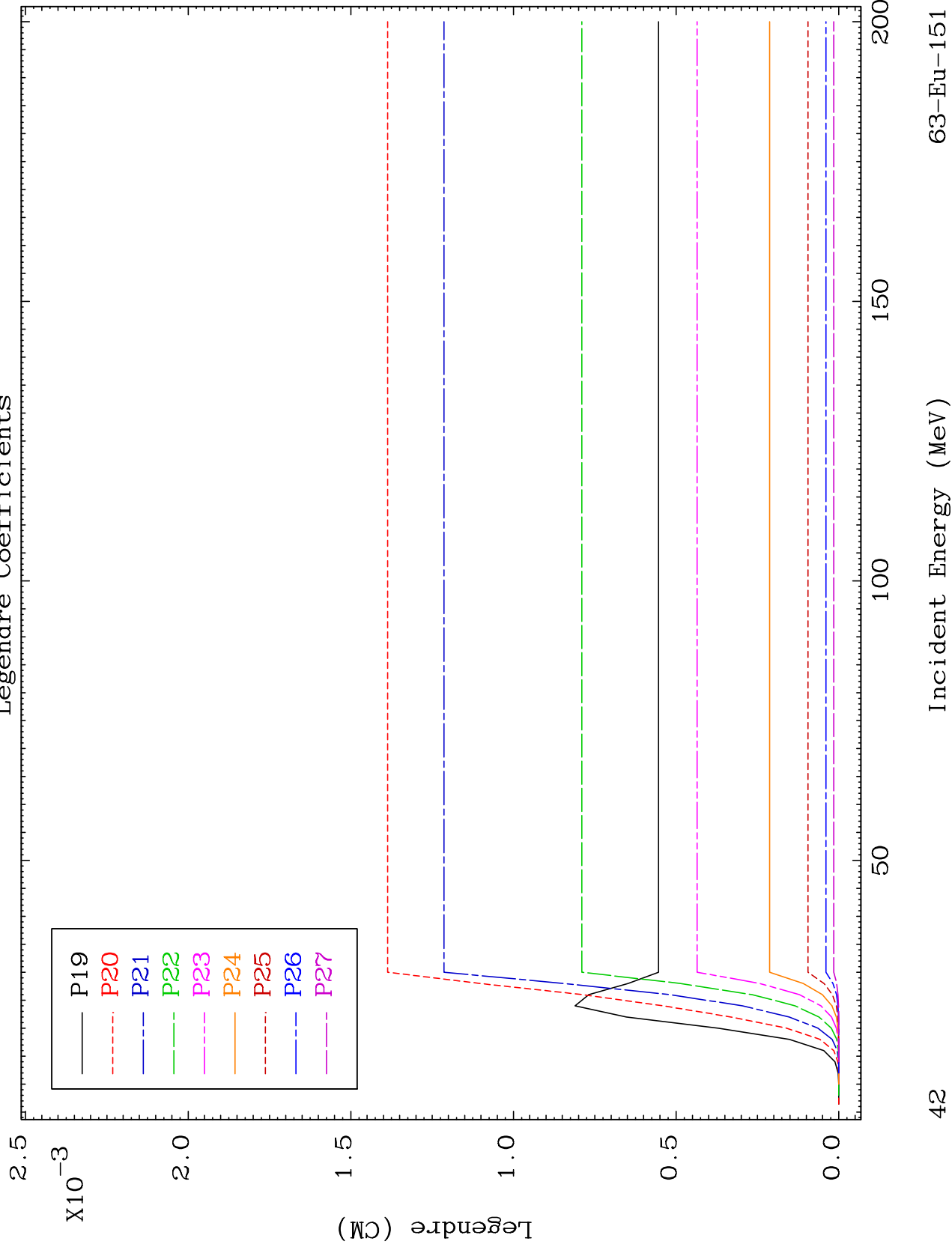
63-Eu-151



MAT 6325

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

63-Eu-151



42

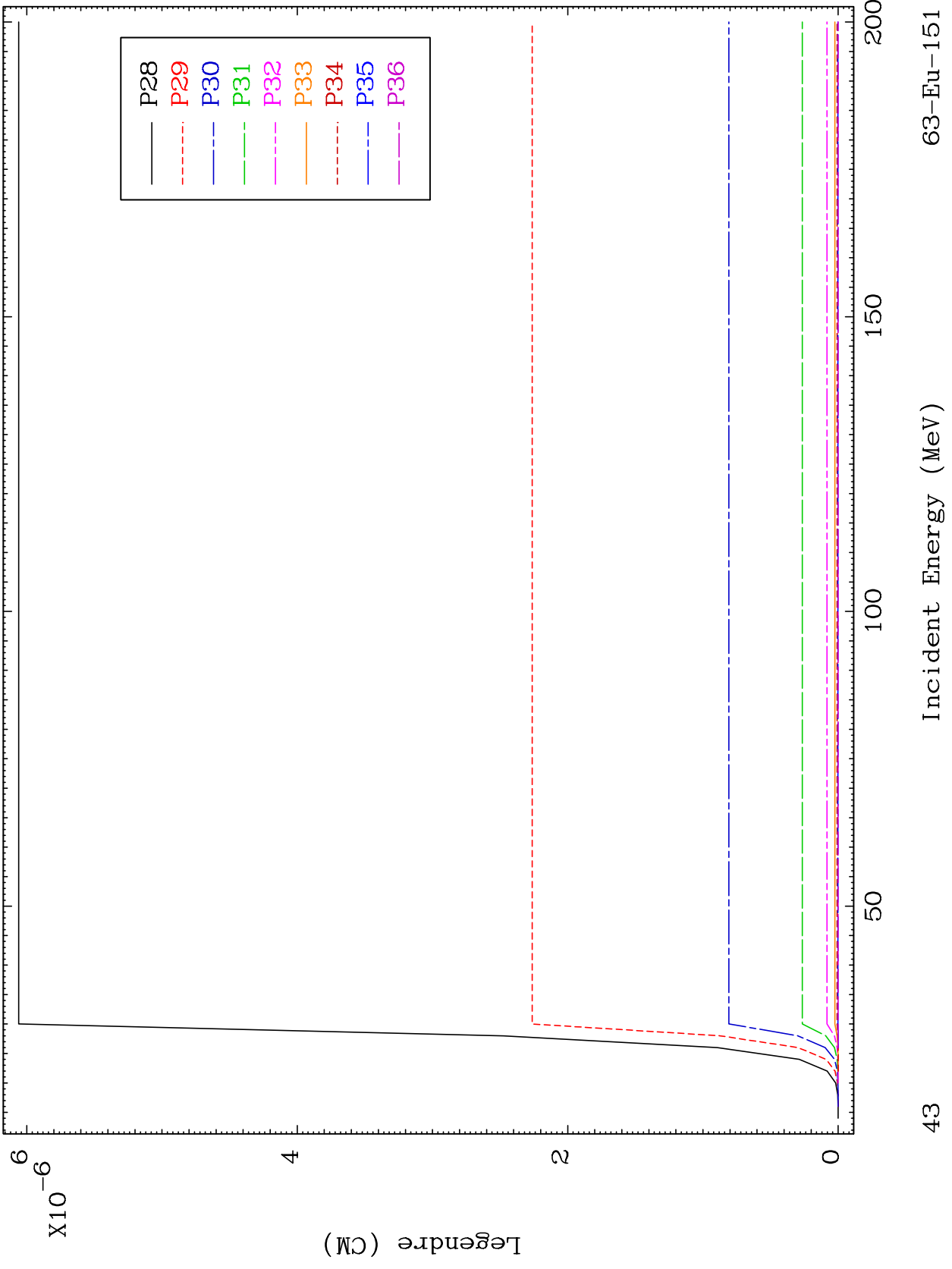
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



43

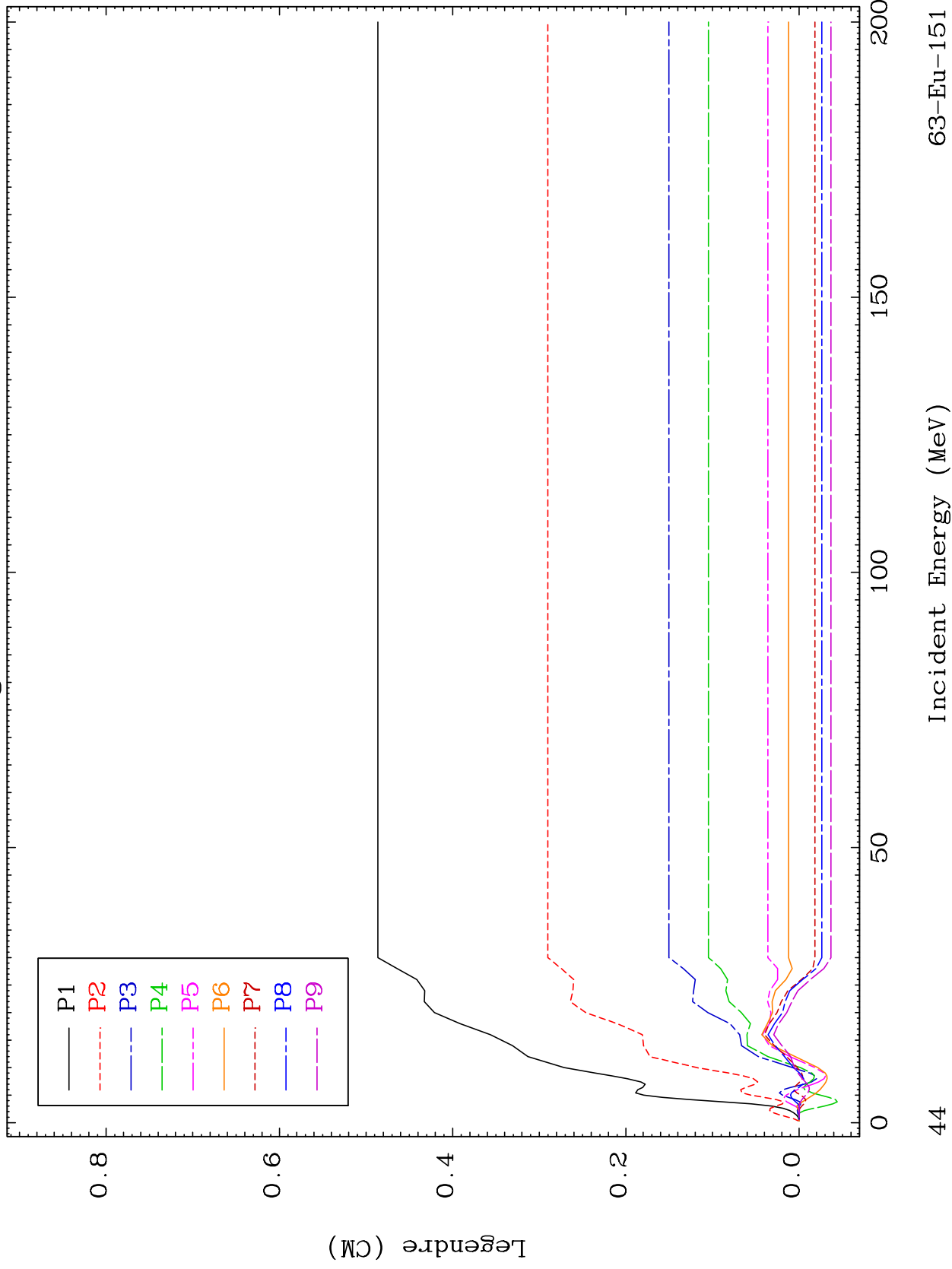
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



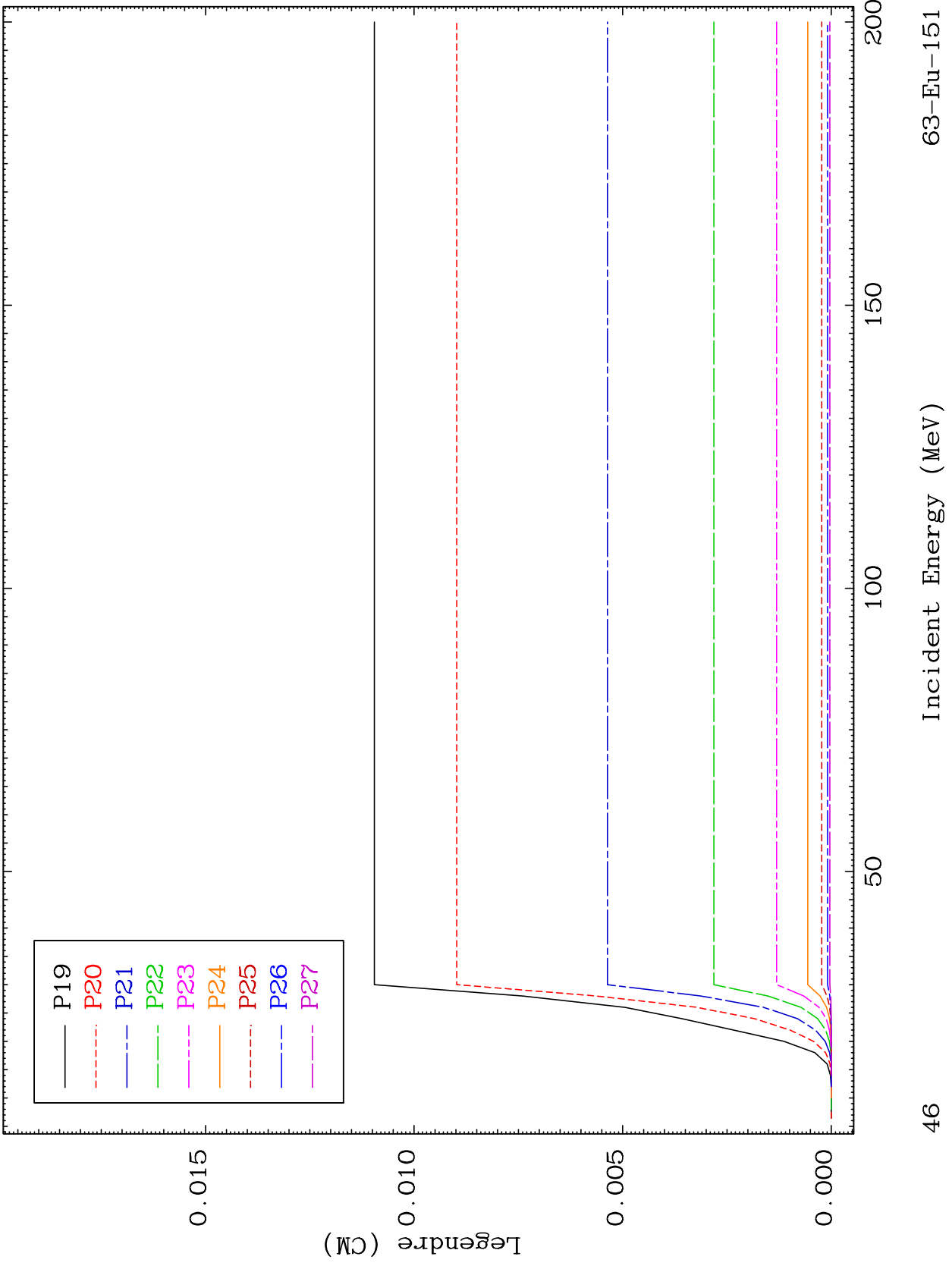
44



MAT 6325

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

63-Eu-151



46

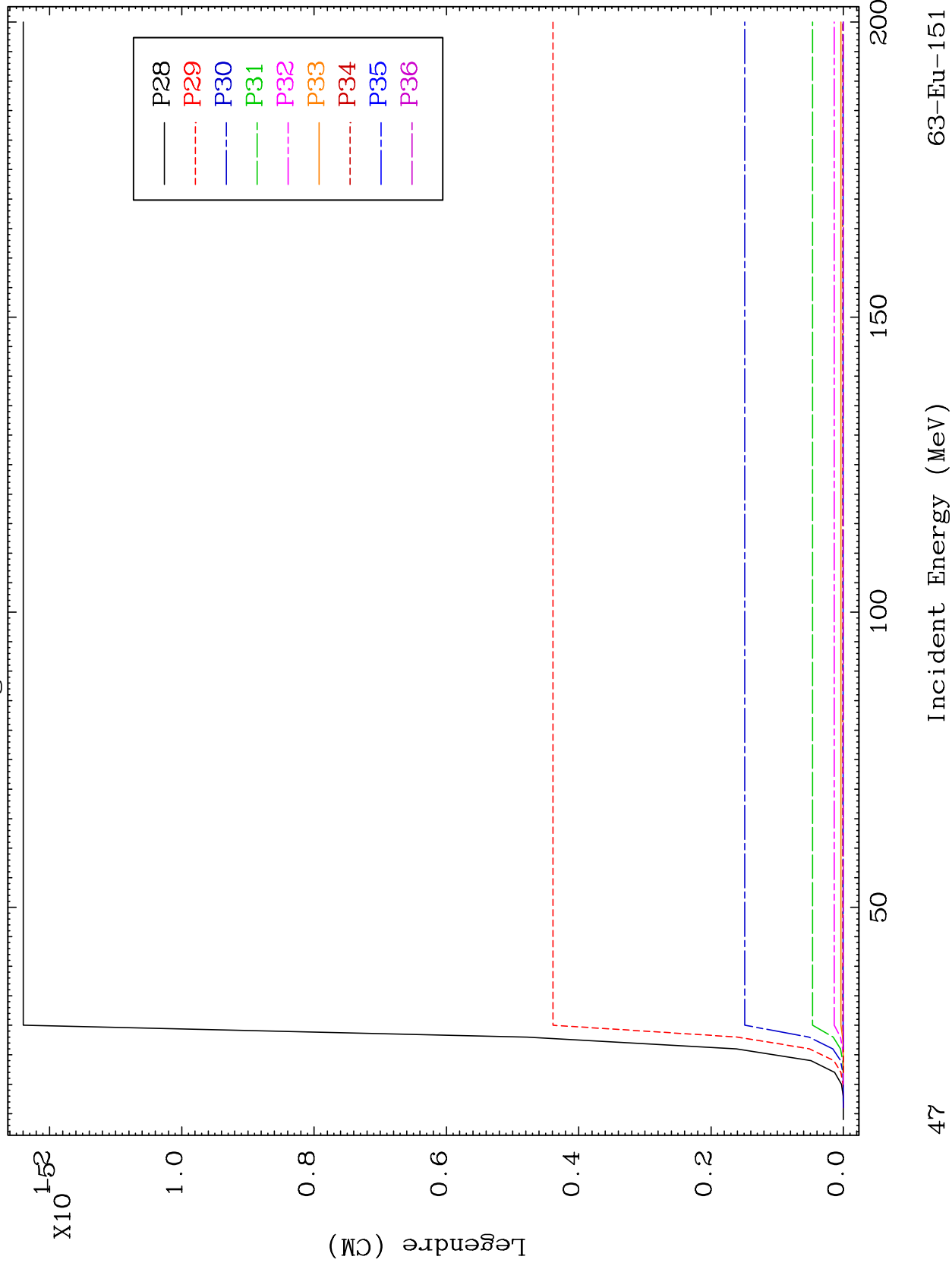
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

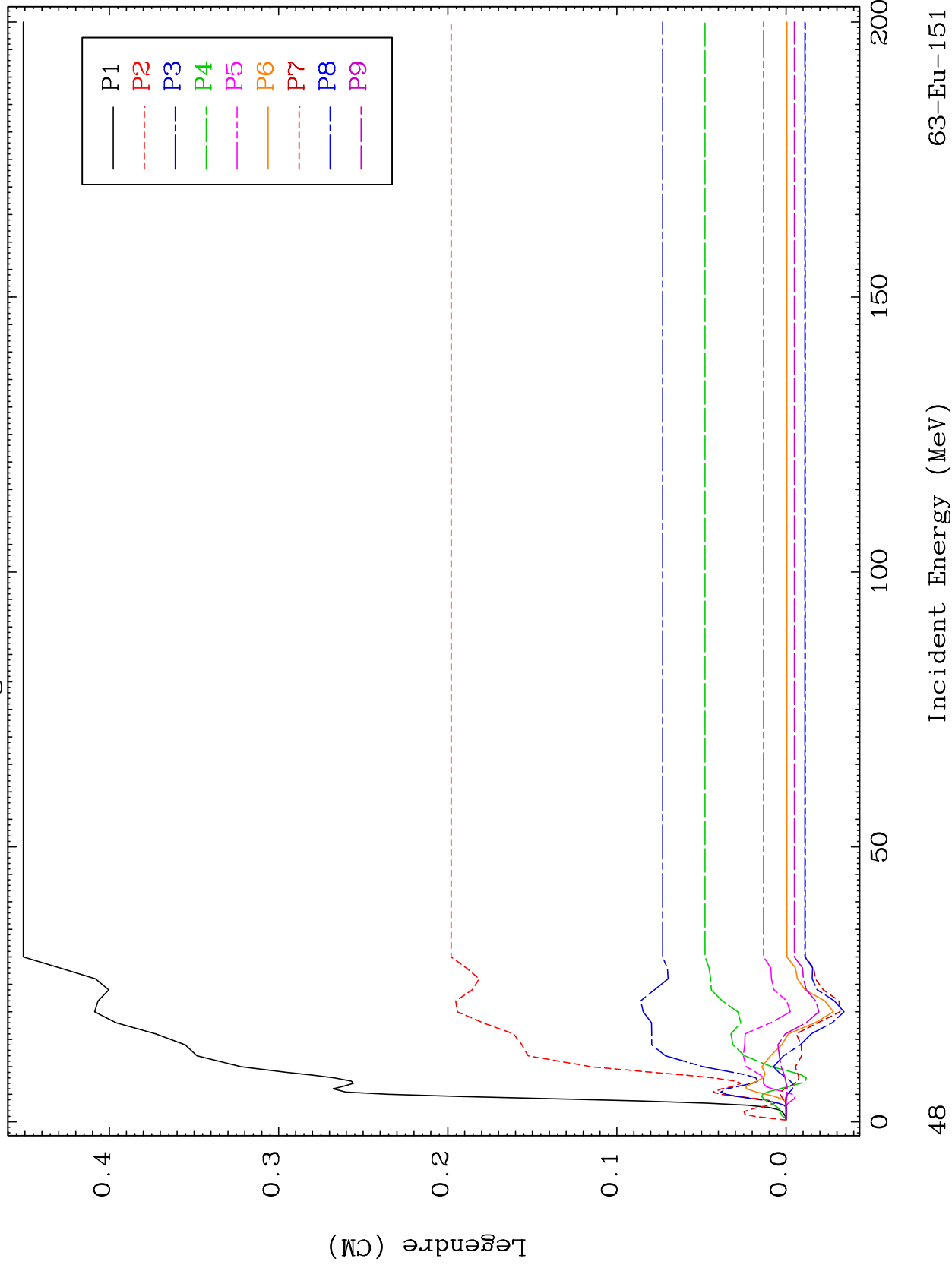




MAT 6325

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

63-Eu-151



63-Eu-151

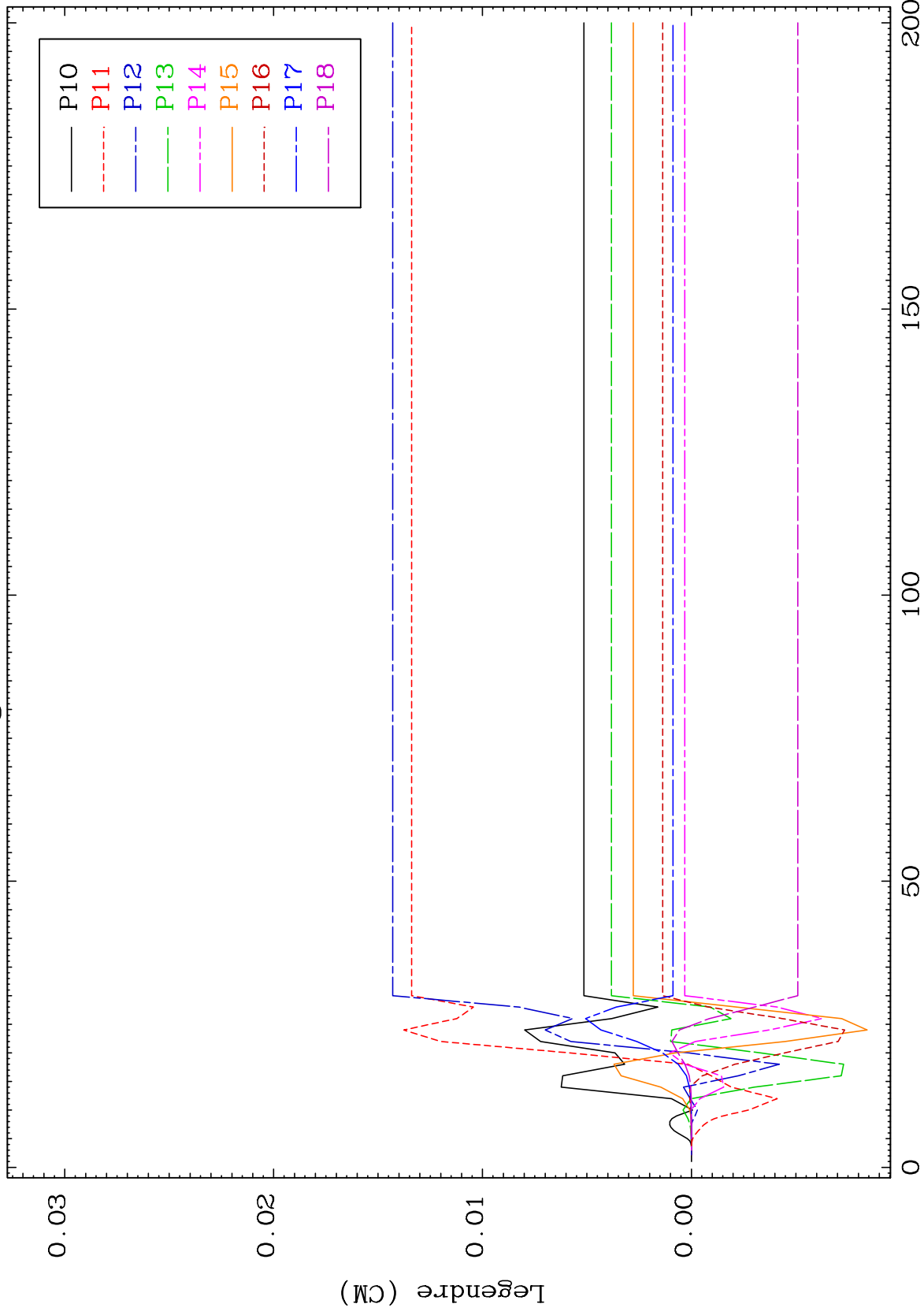
Incident Energy (MeV)

48

MAT 6325

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

63-Eu-151



49

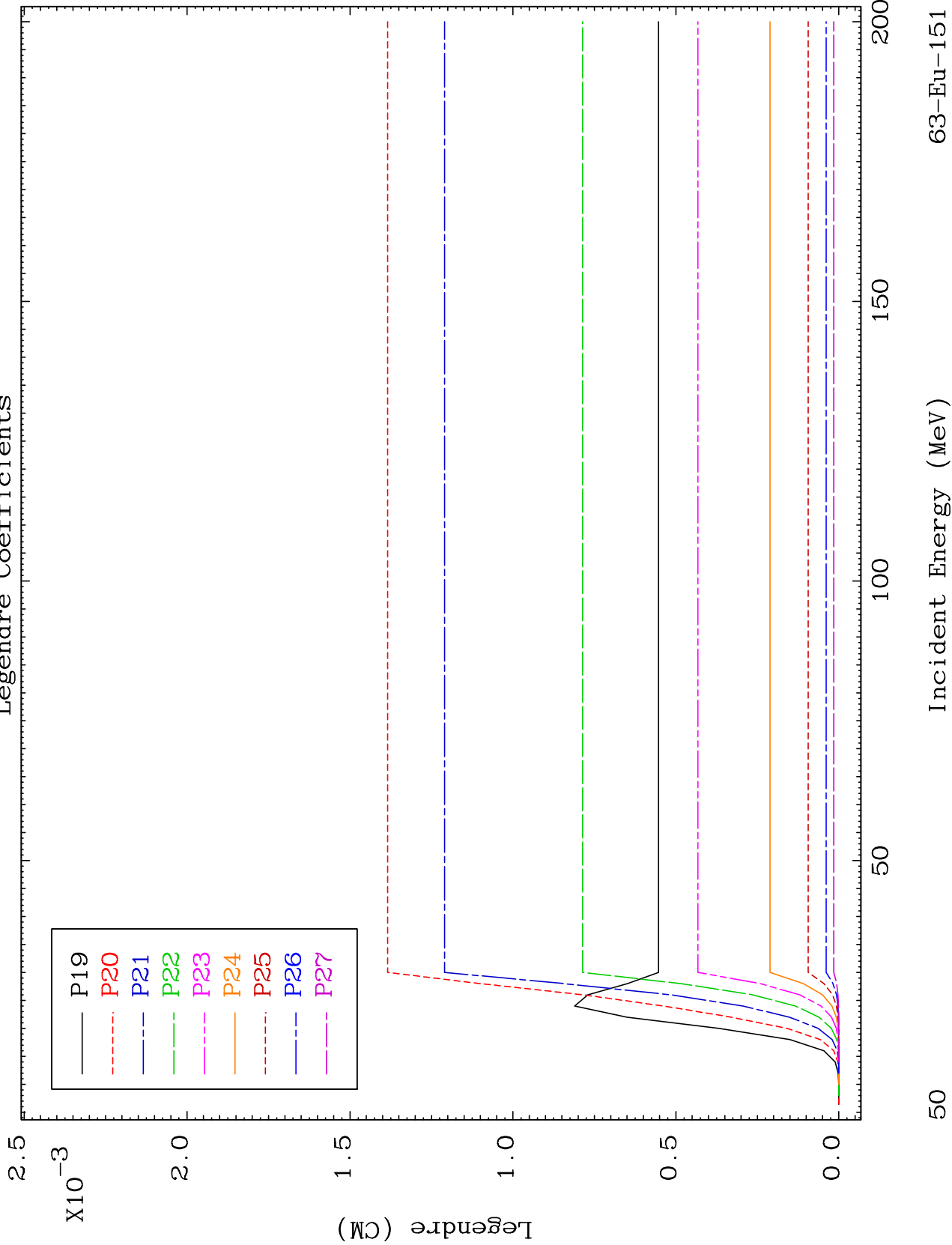
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

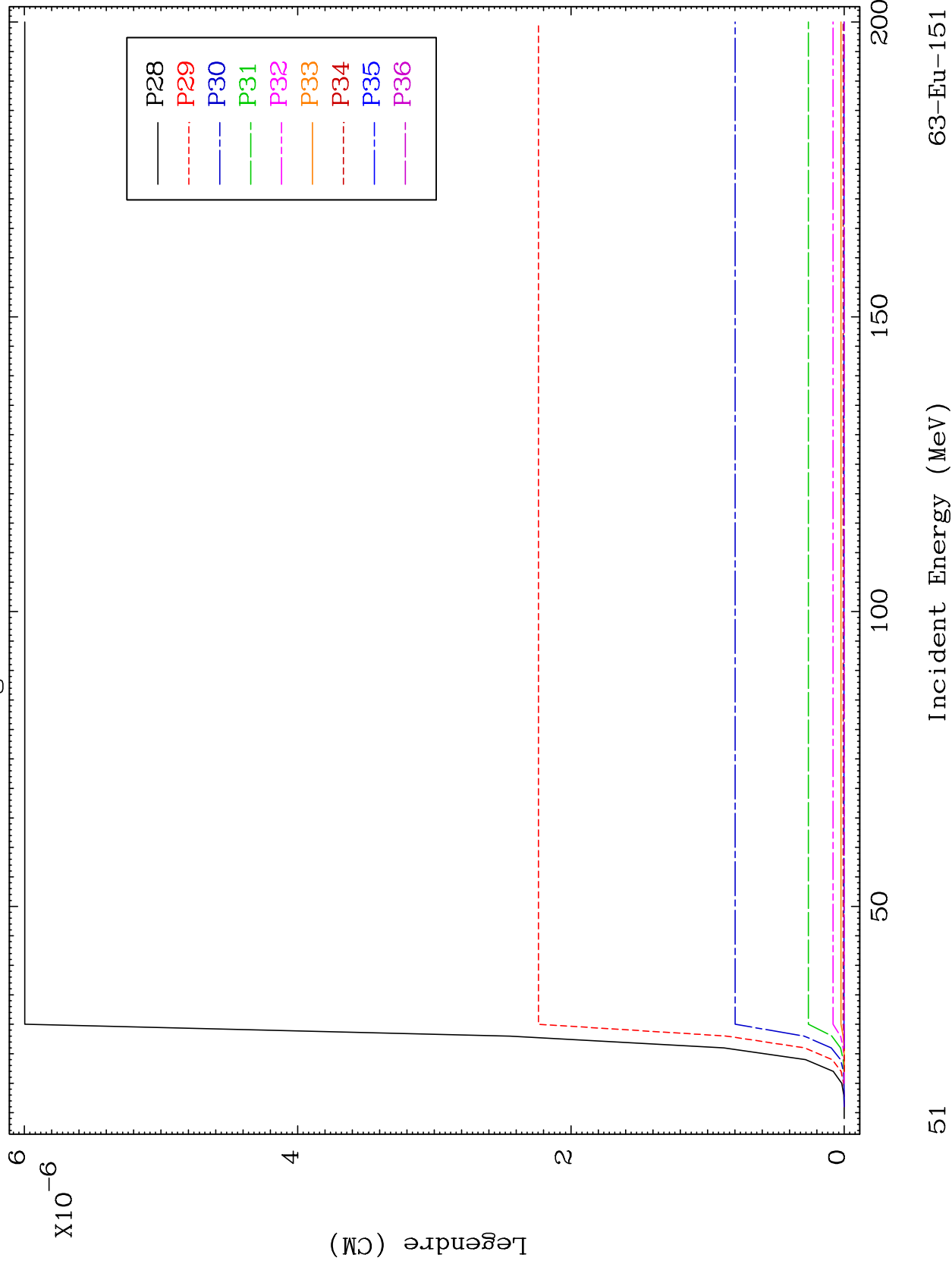
63-Eu-151



MAT 6325

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

63-Eu-151



51

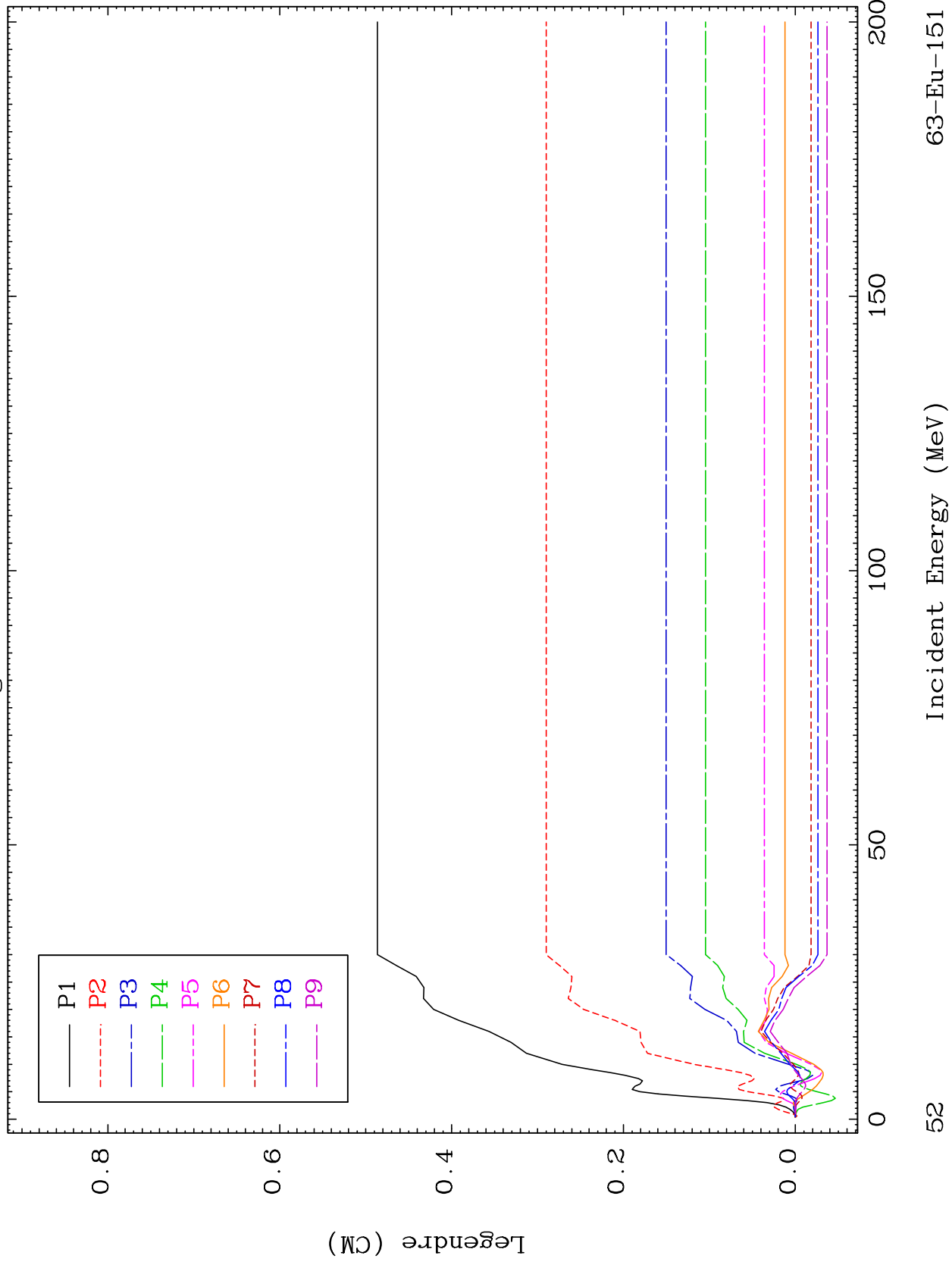
Incident Energy (MeV)

63-Eu-151

MAT 6325

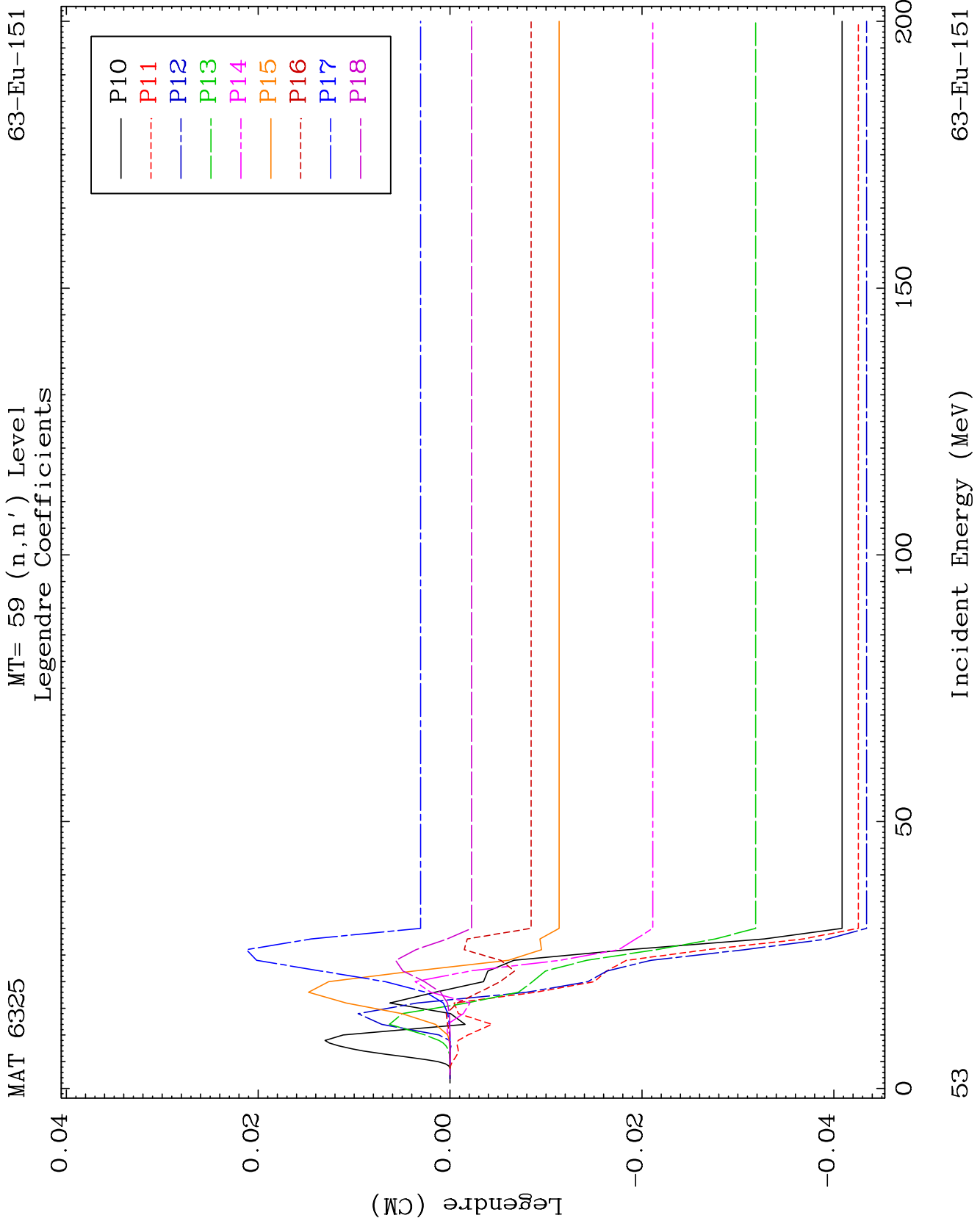
MT= 59 (n,n') Level  
Legendre Coefficients

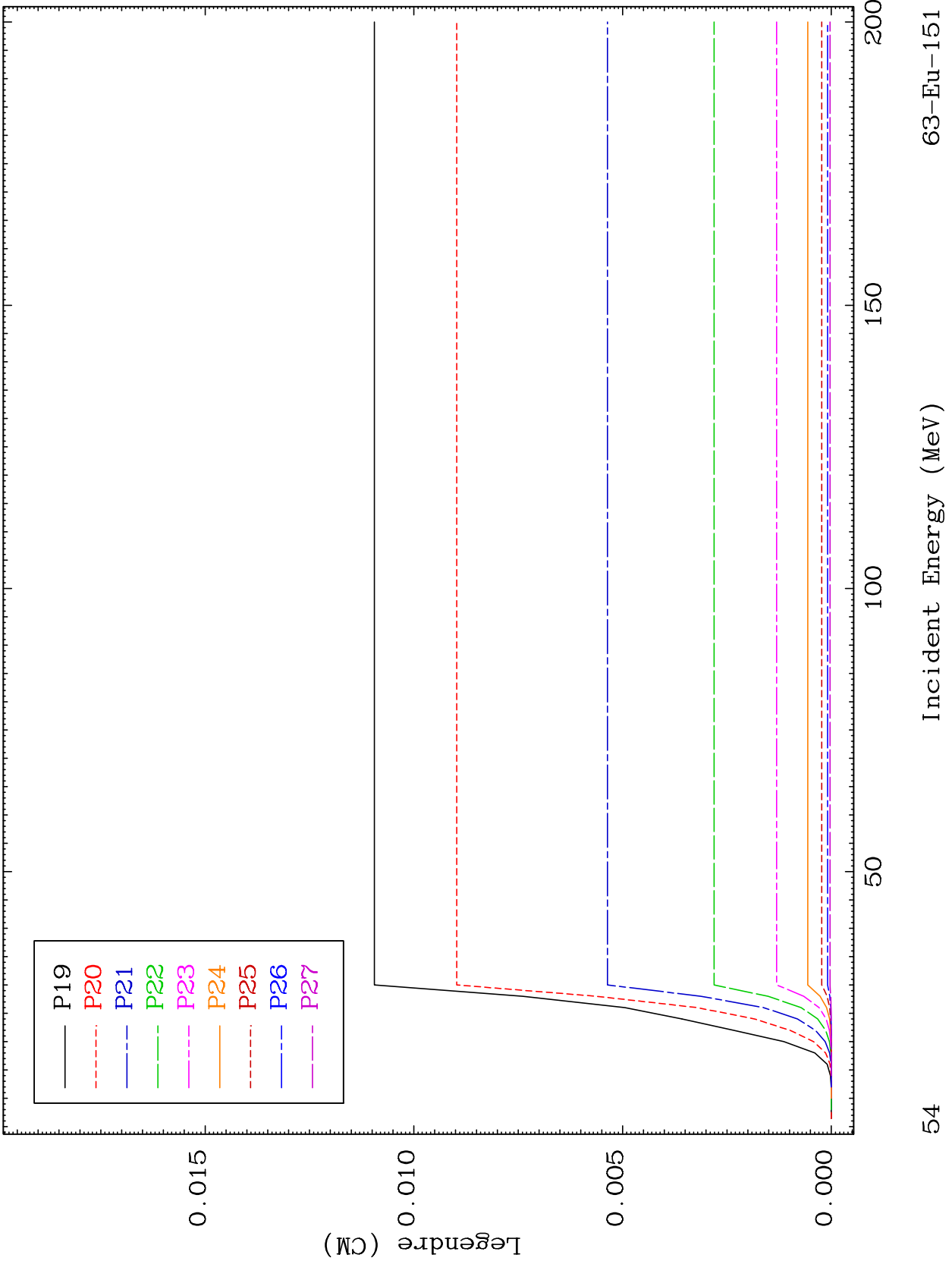
63-Eu-151



52

63-Eu-151

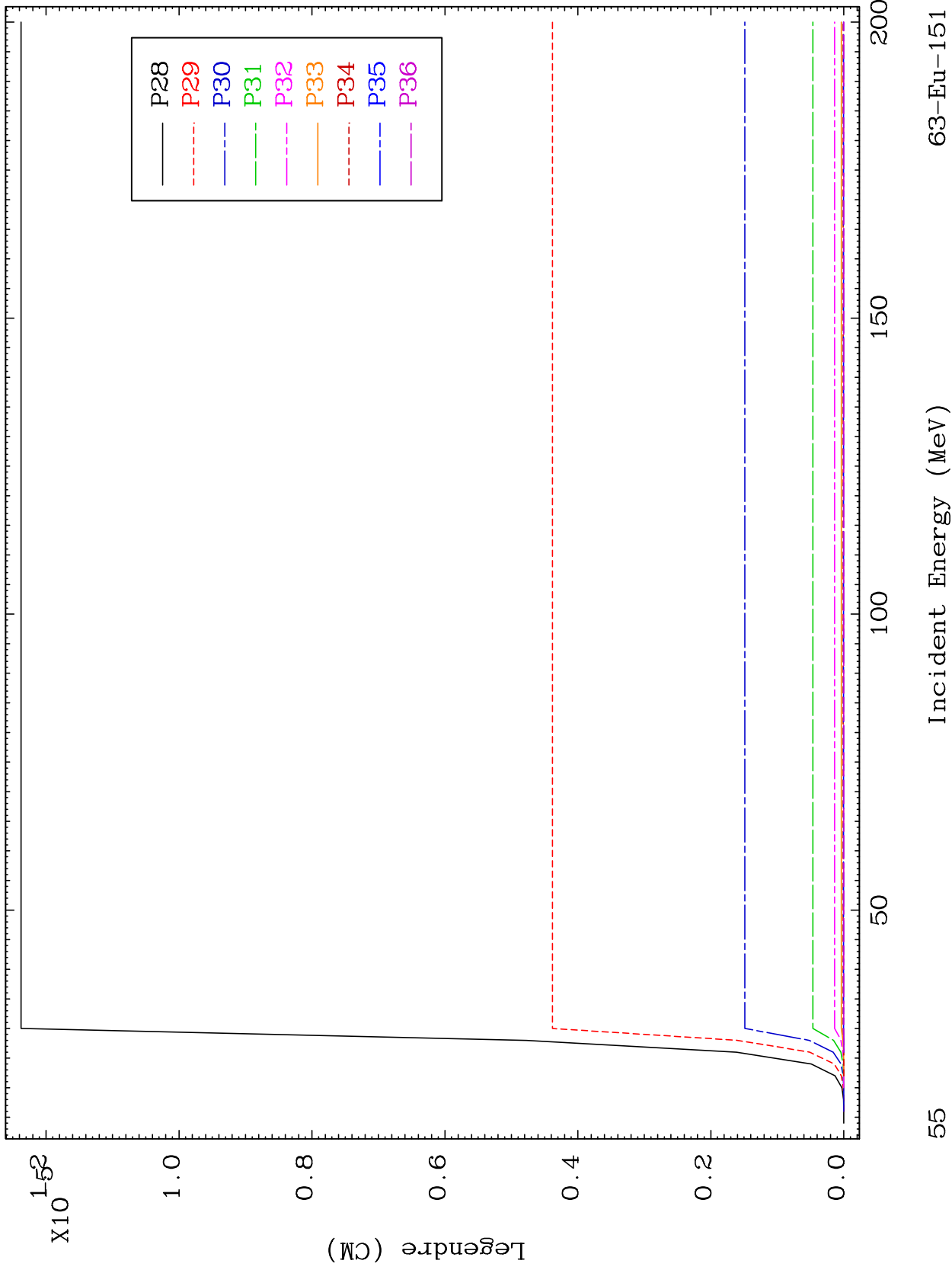




MAT 6325

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

63-Eu-151



55

Incident Energy (MeV)

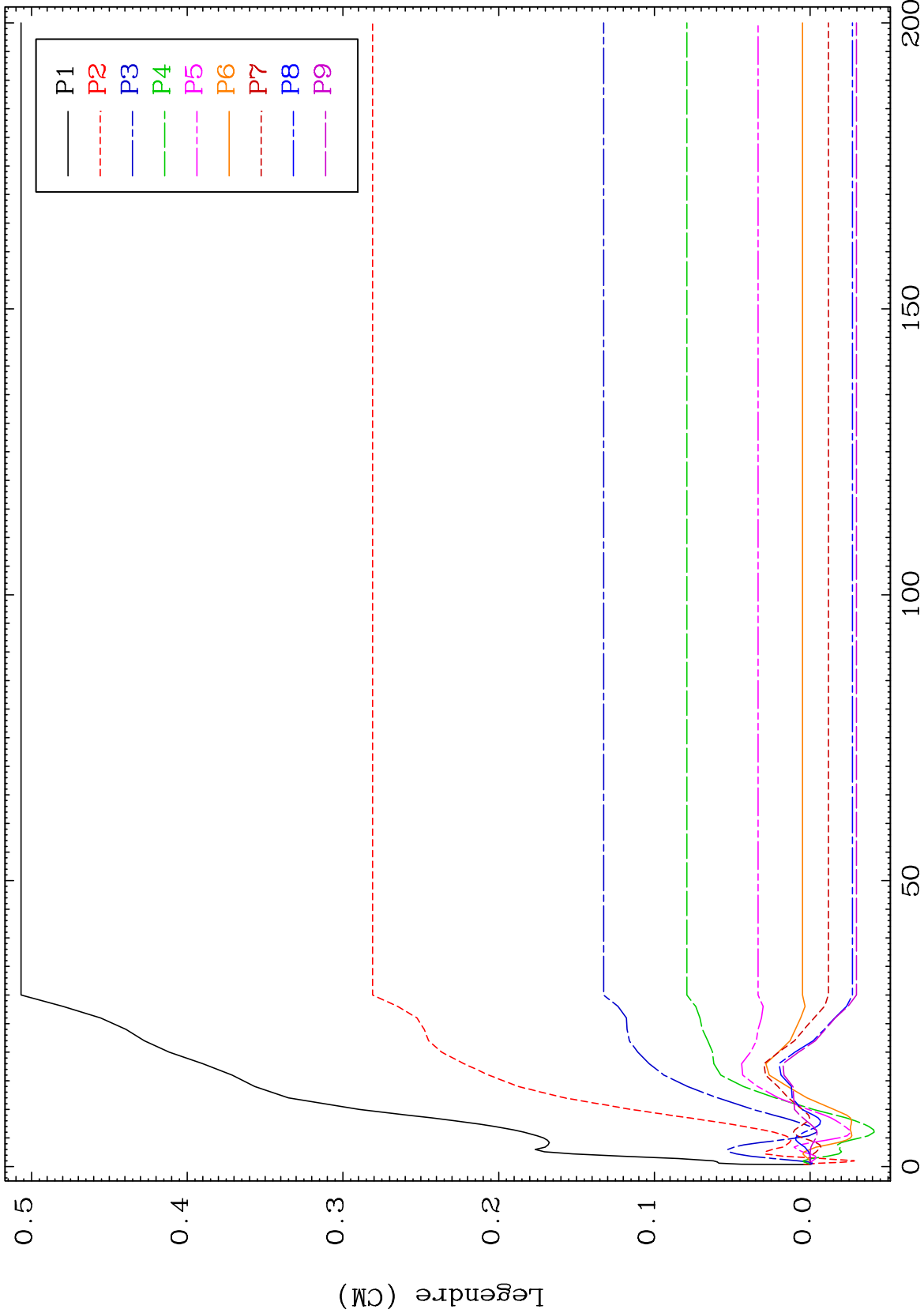
63-Eu-151



MAT 6325

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

63-Eu-151



56

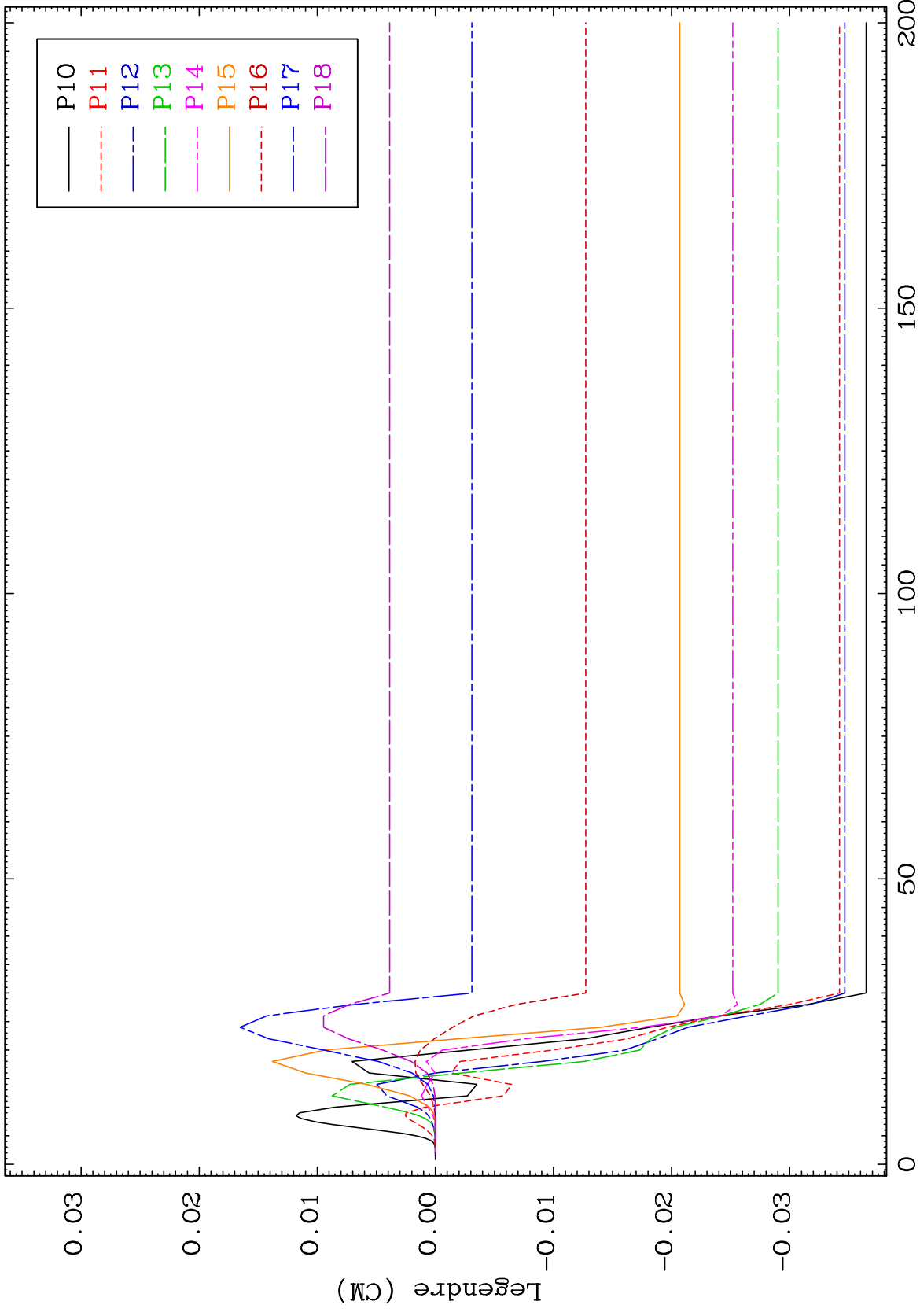
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

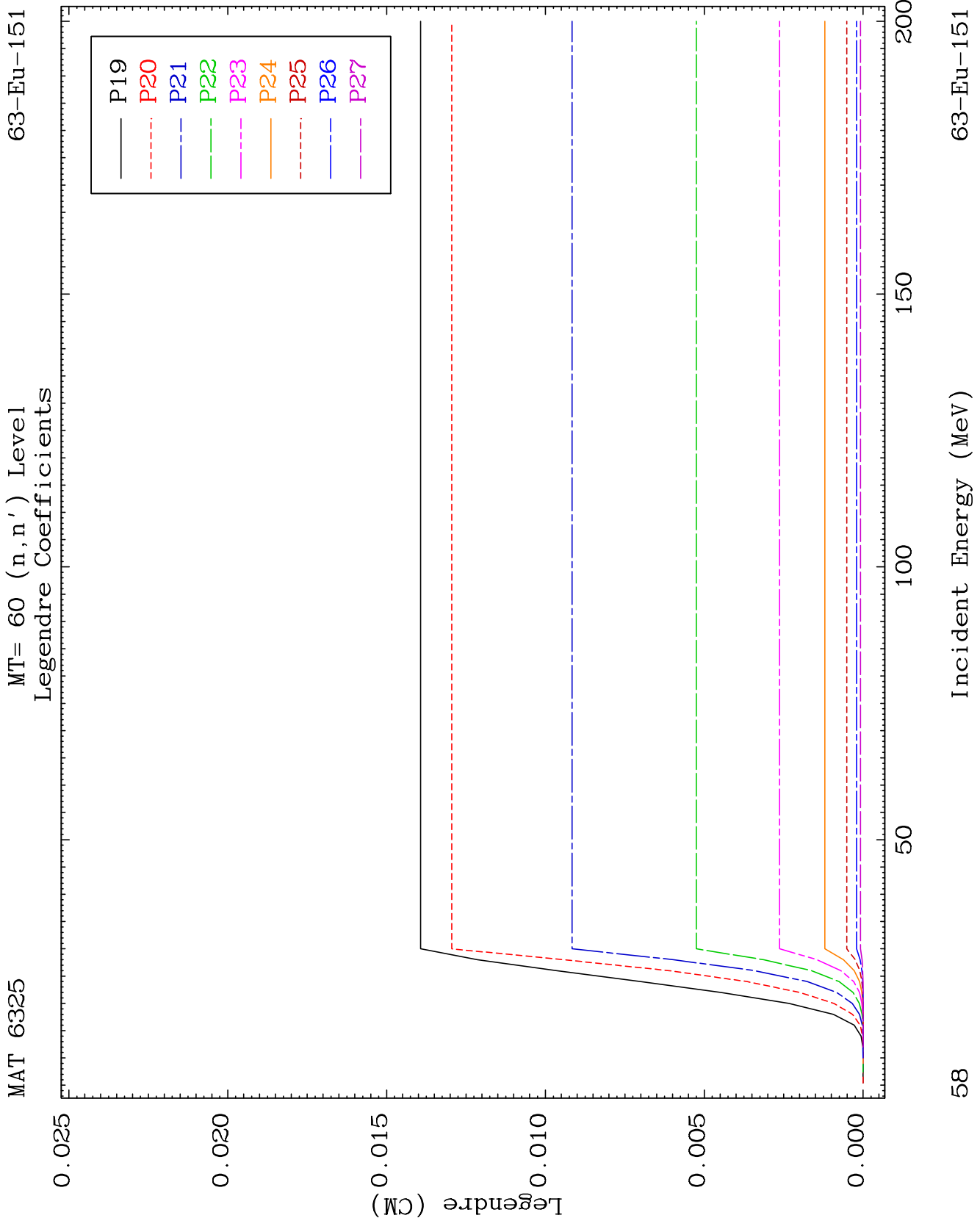
63-Eu-151



57

Incident Energy (MeV)

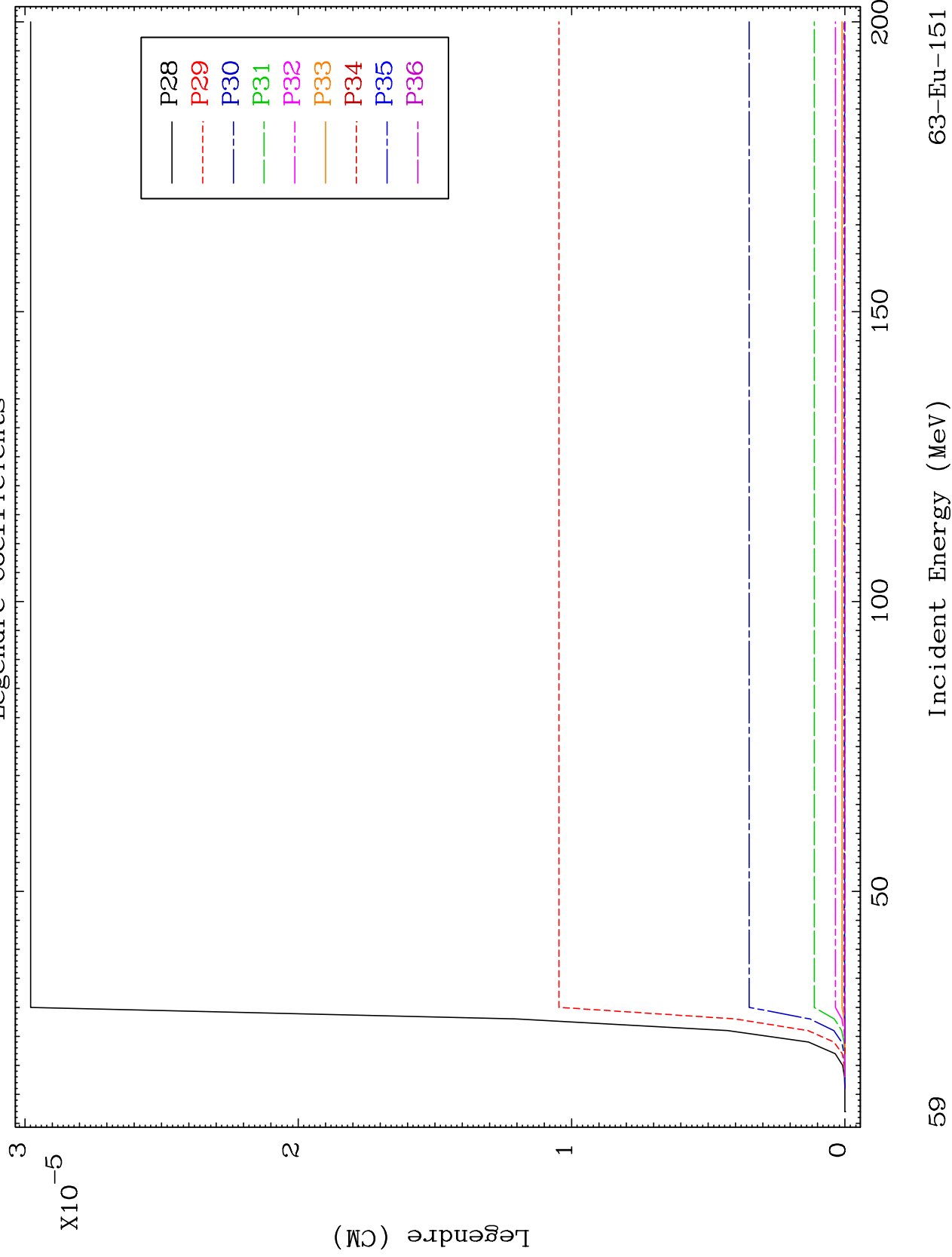
63-Eu-151



MAT 6325

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

63-Eu-151



59

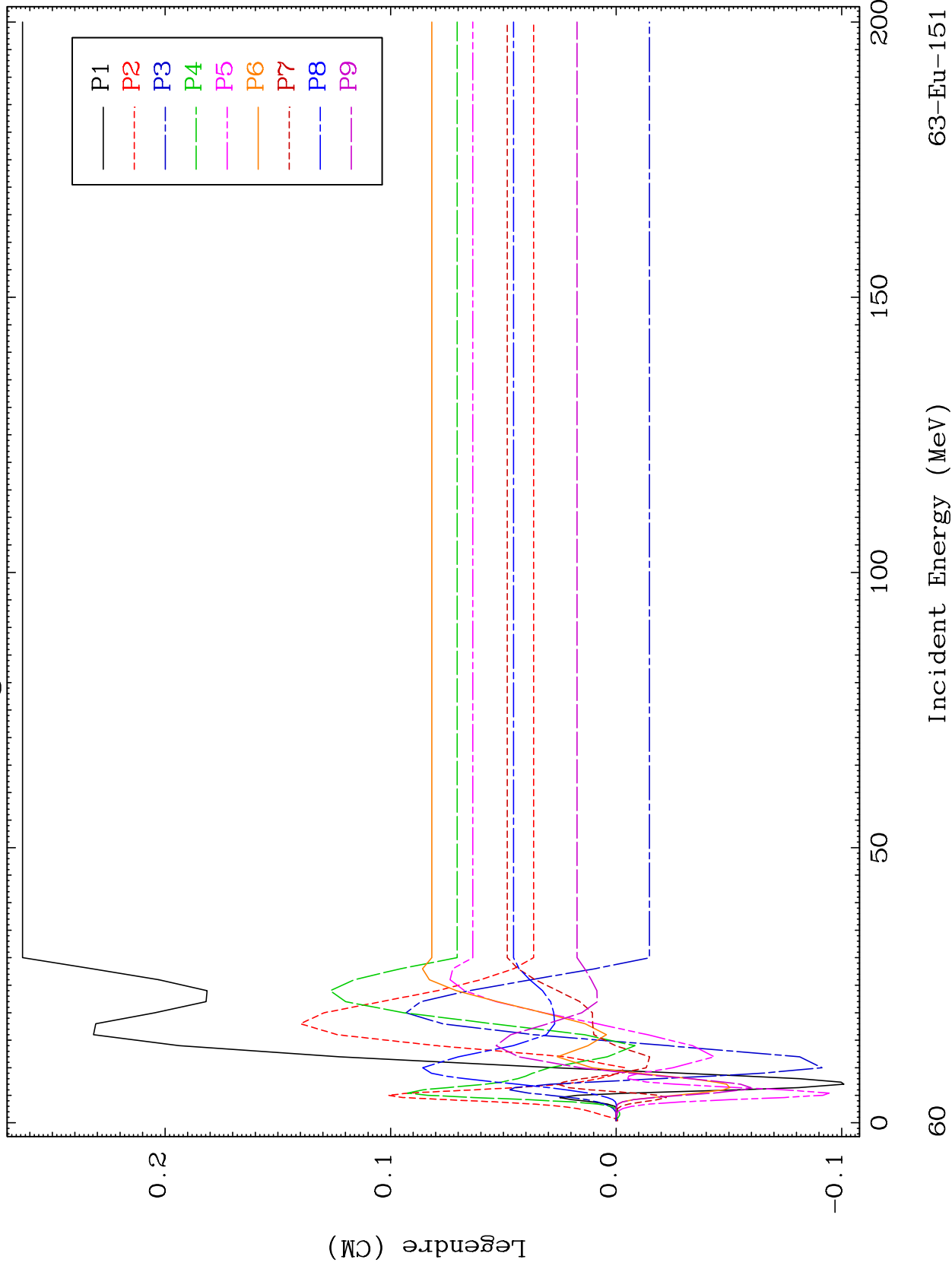
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

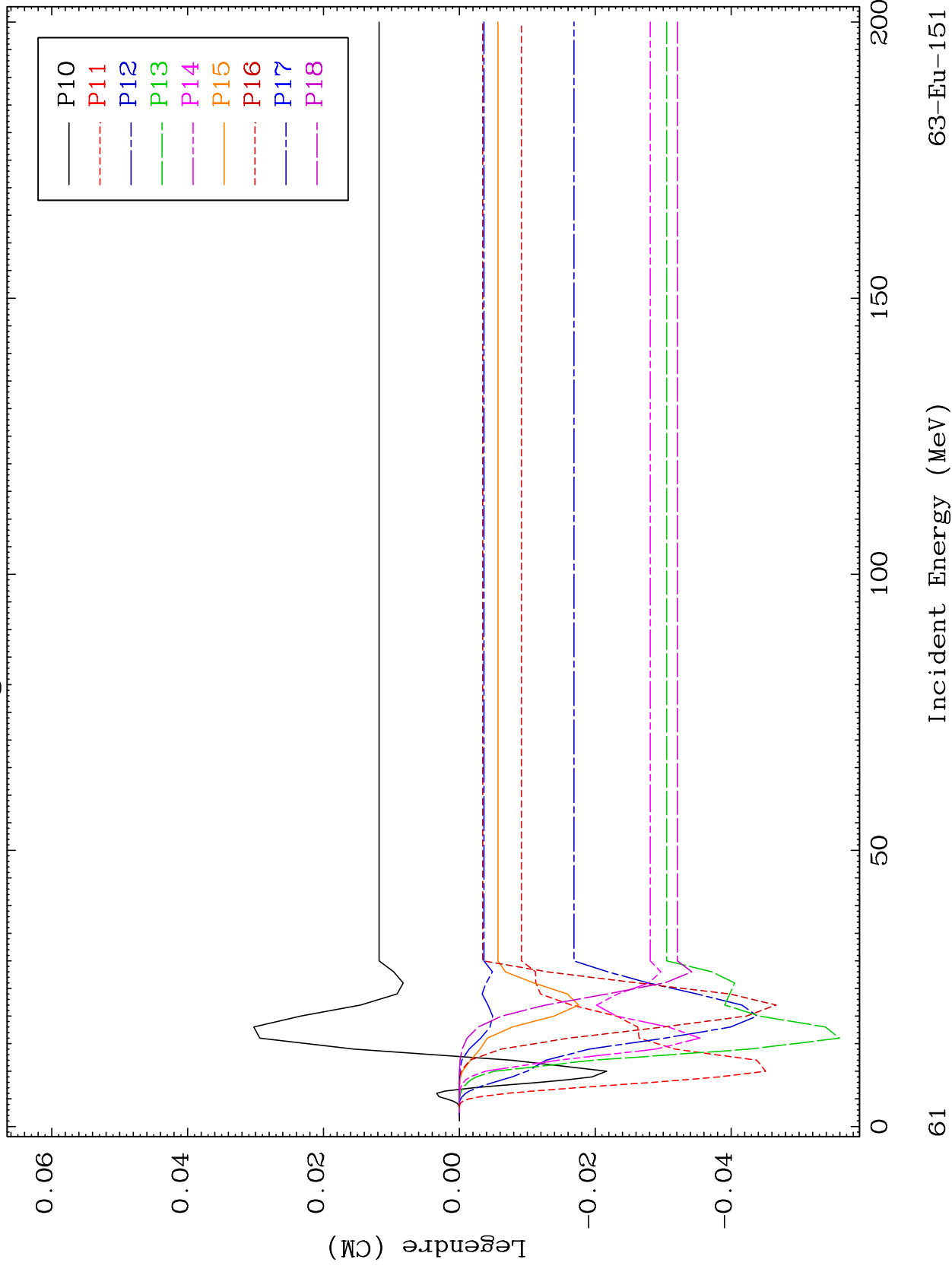


63-Eu-151

MAT 6325

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

63-Eu-151



61

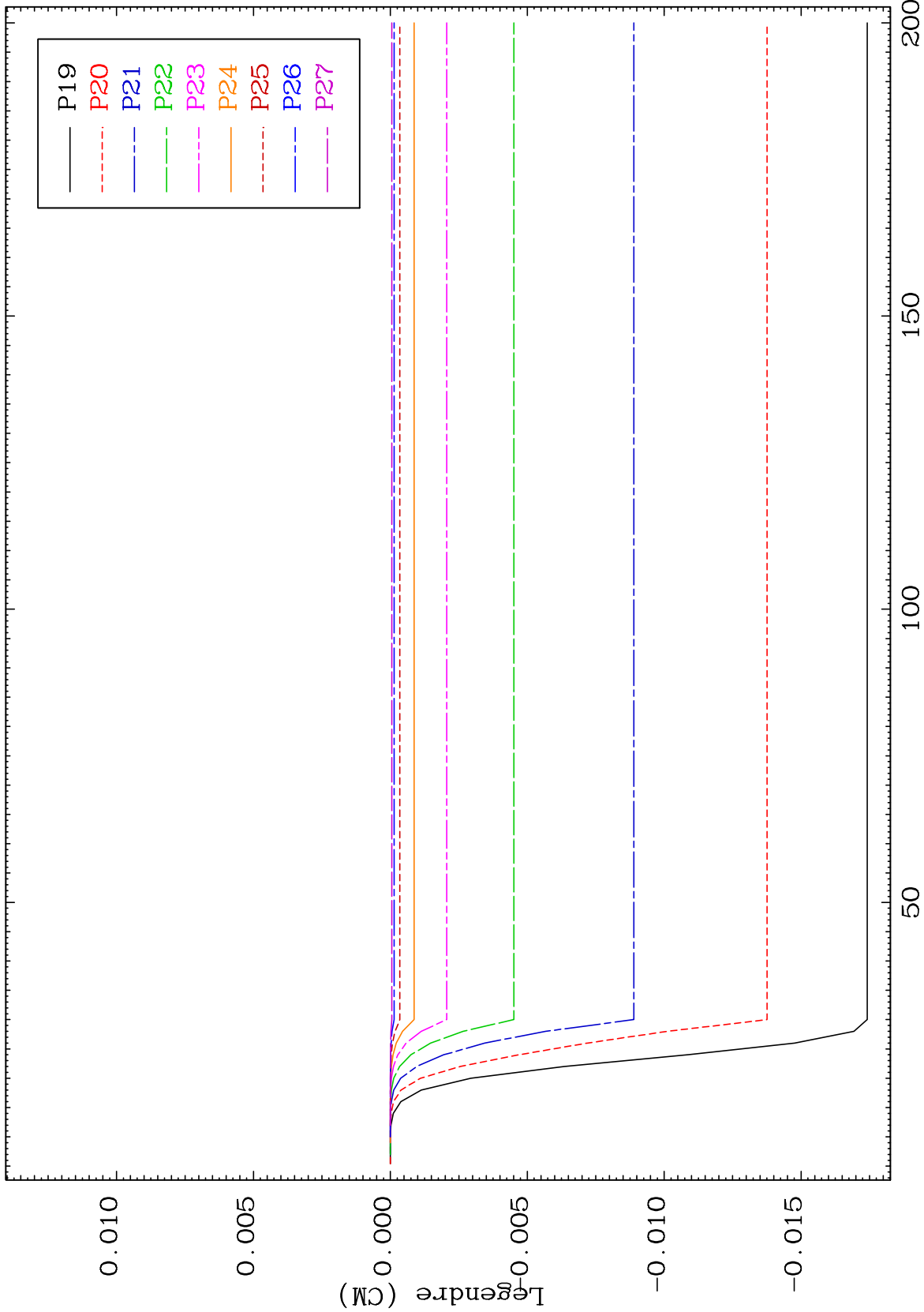
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

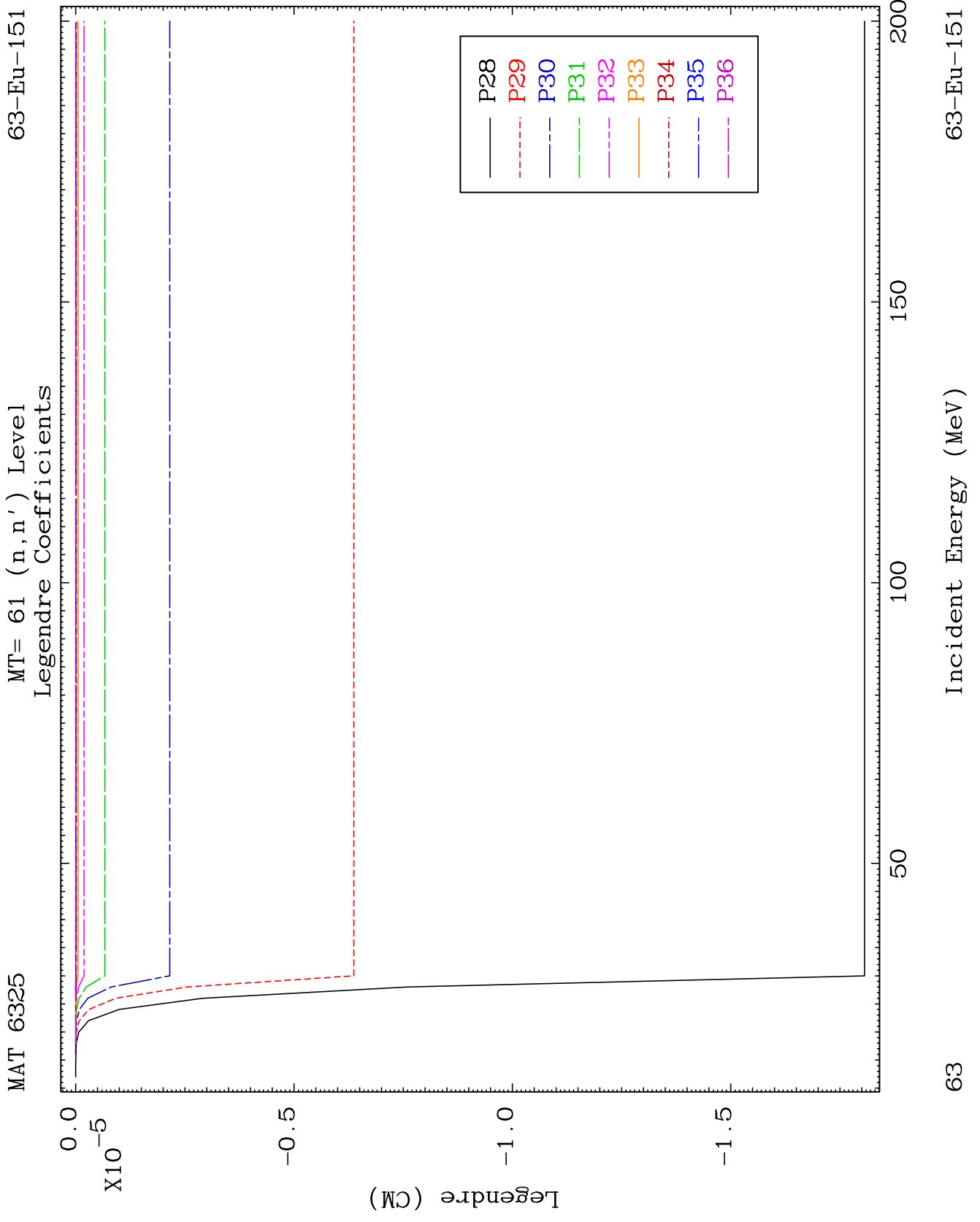
63-Eu-151



62

Incident Energy (MeV)

63-Eu-151

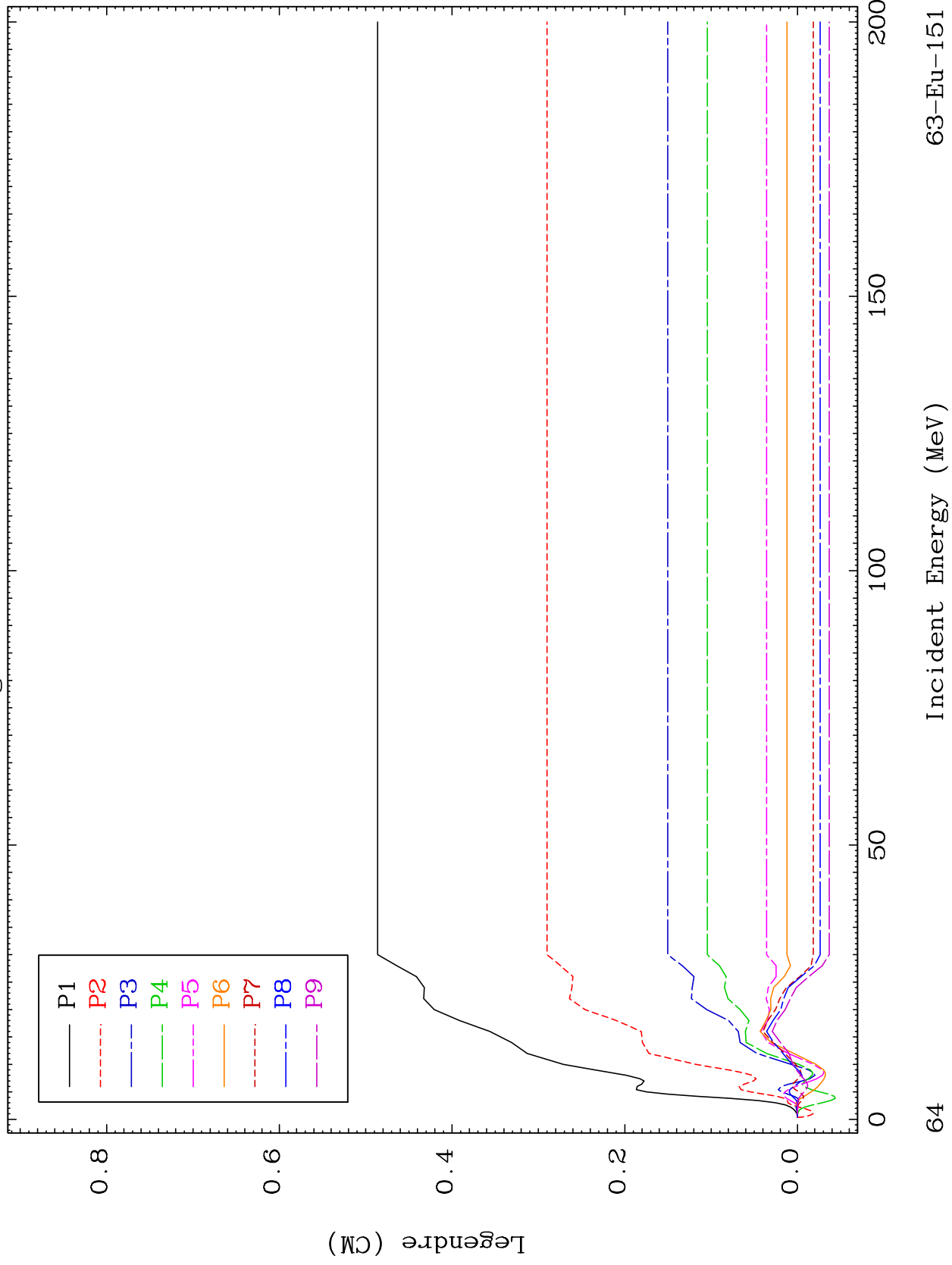




MAT 6325

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

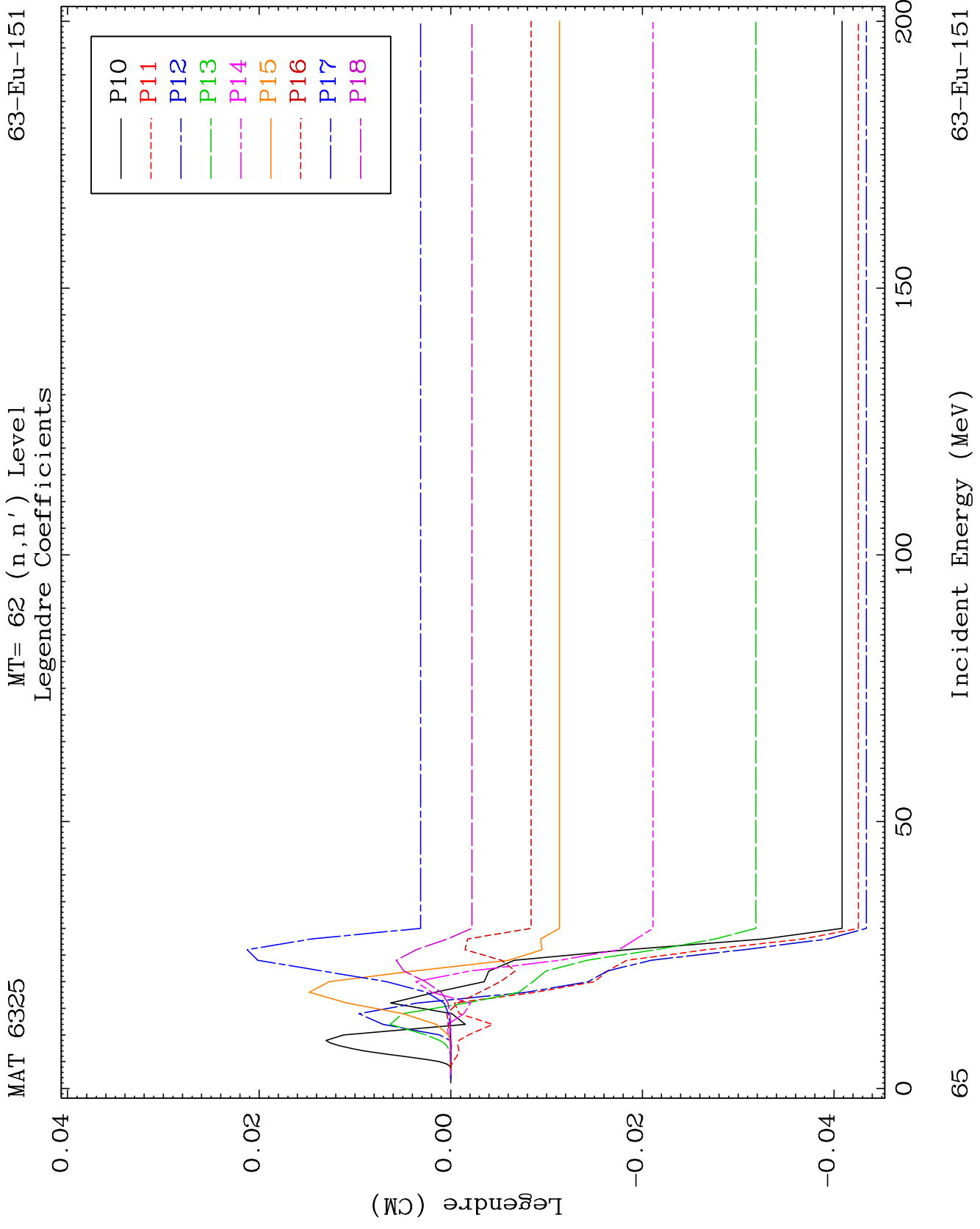
63-Eu-151



63-Eu-151

Incident Energy (MeV)

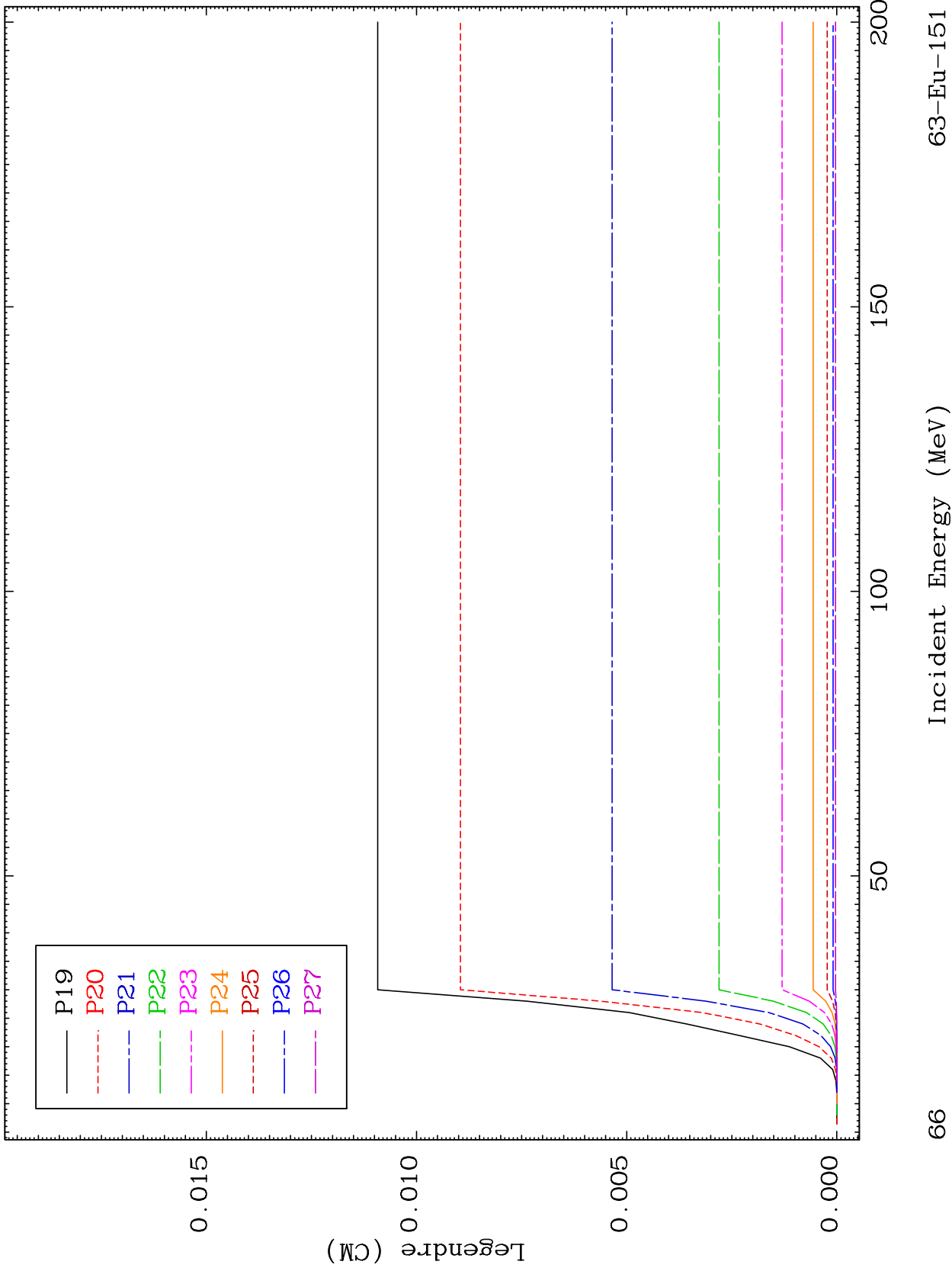
64



MAT 6325

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

63-Eu-151



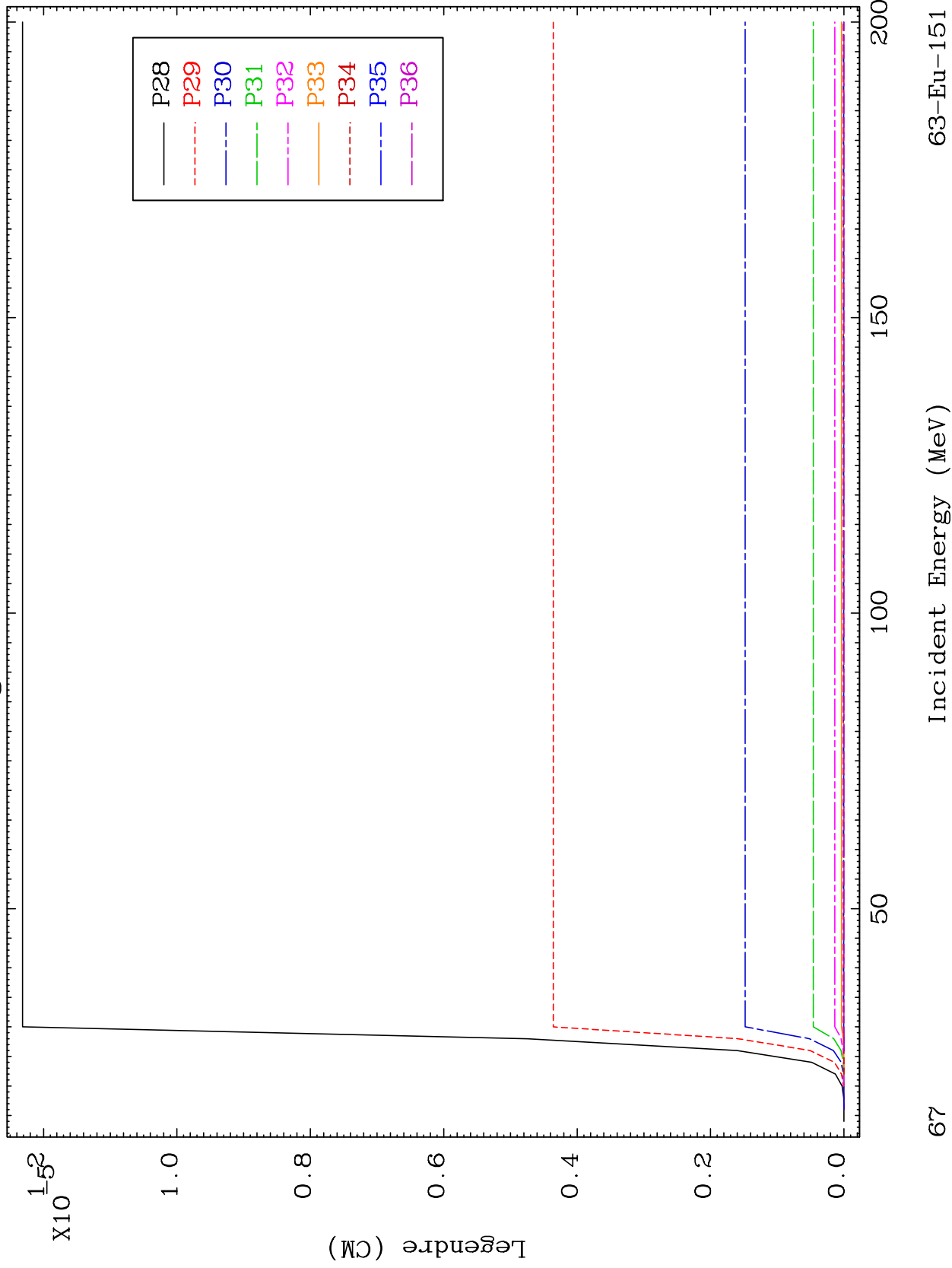
66

63-Eu-151

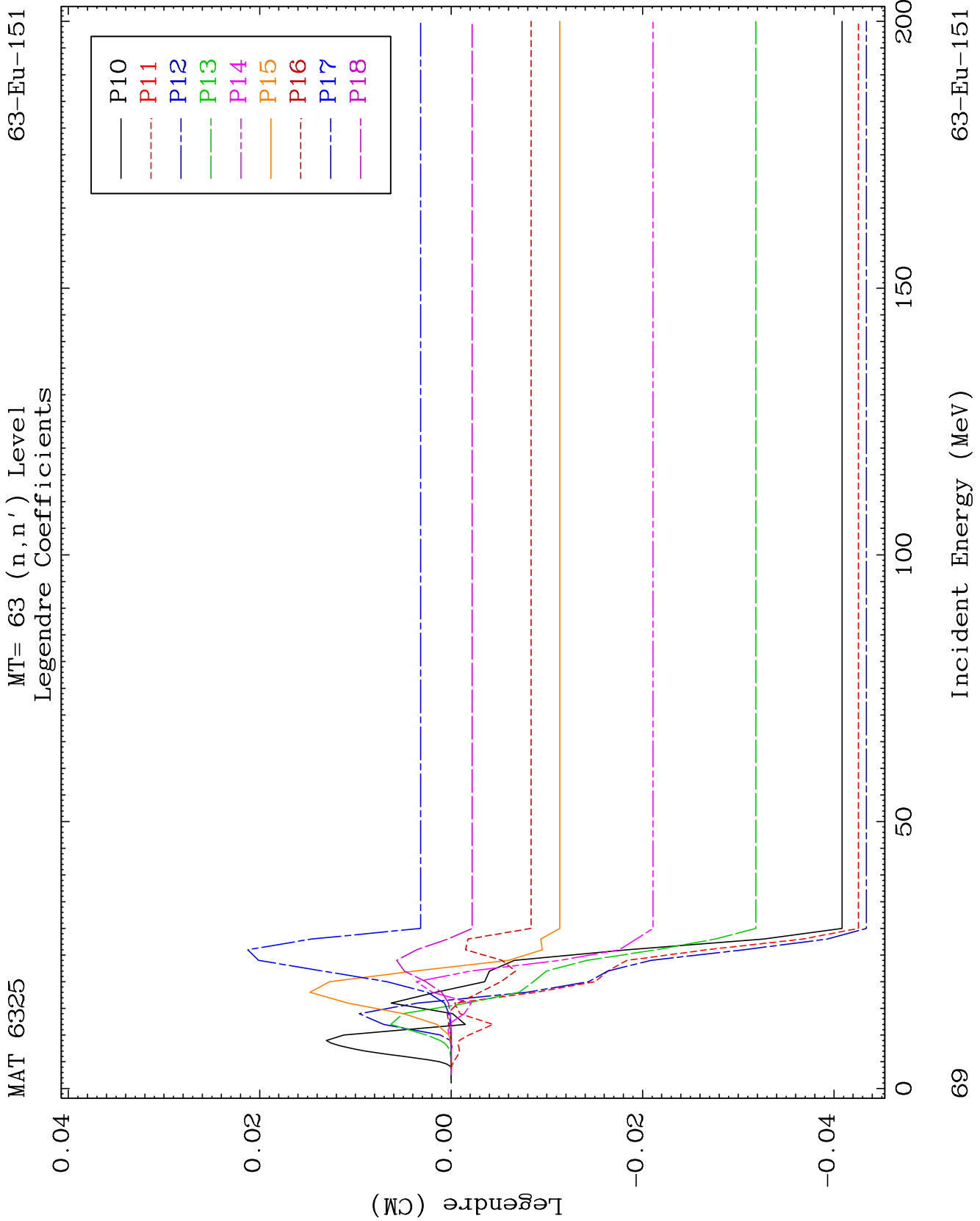
MAT 6325

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

63-Eu-151



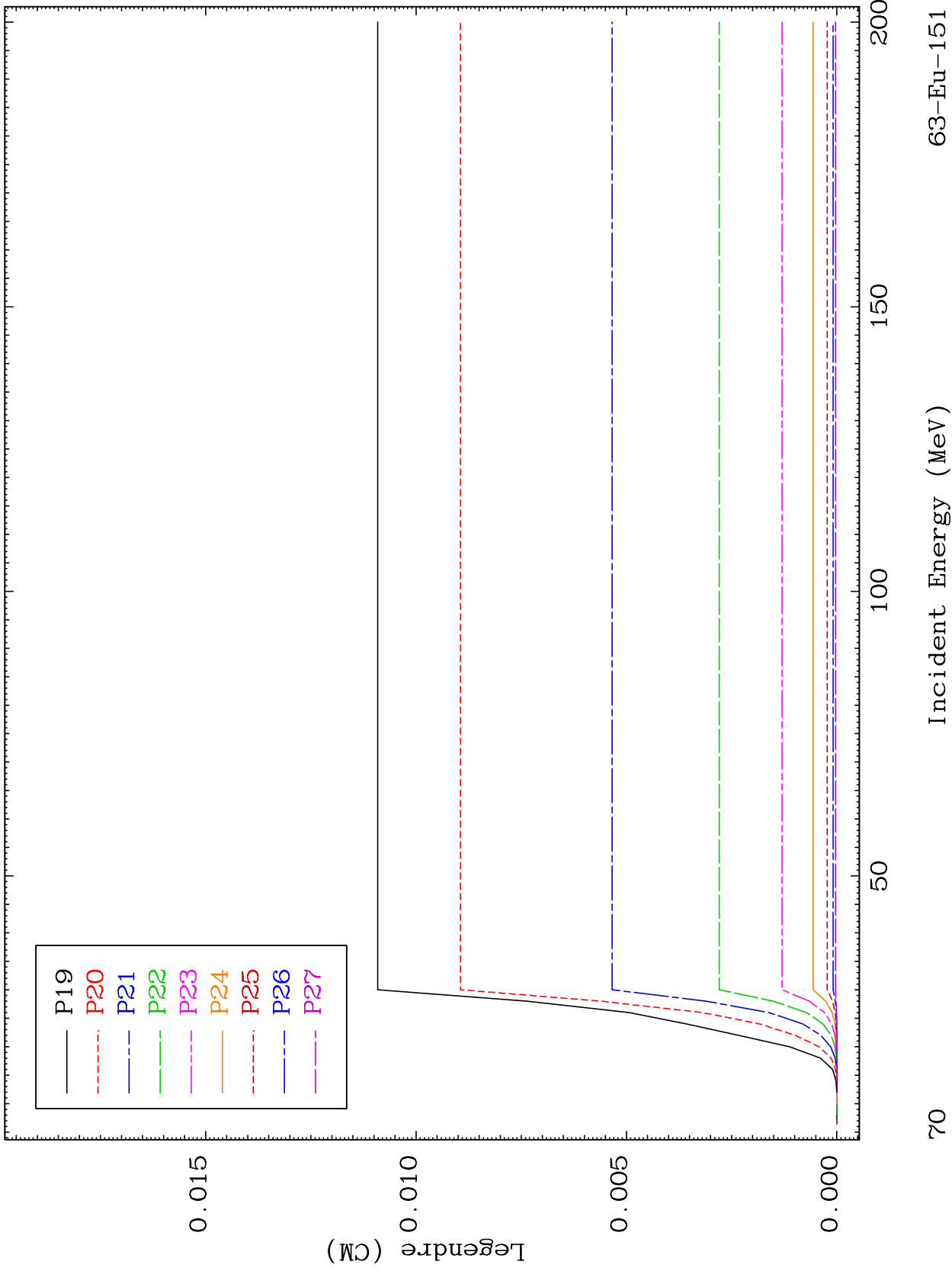




MAT 6325

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

63-Eu-151



70

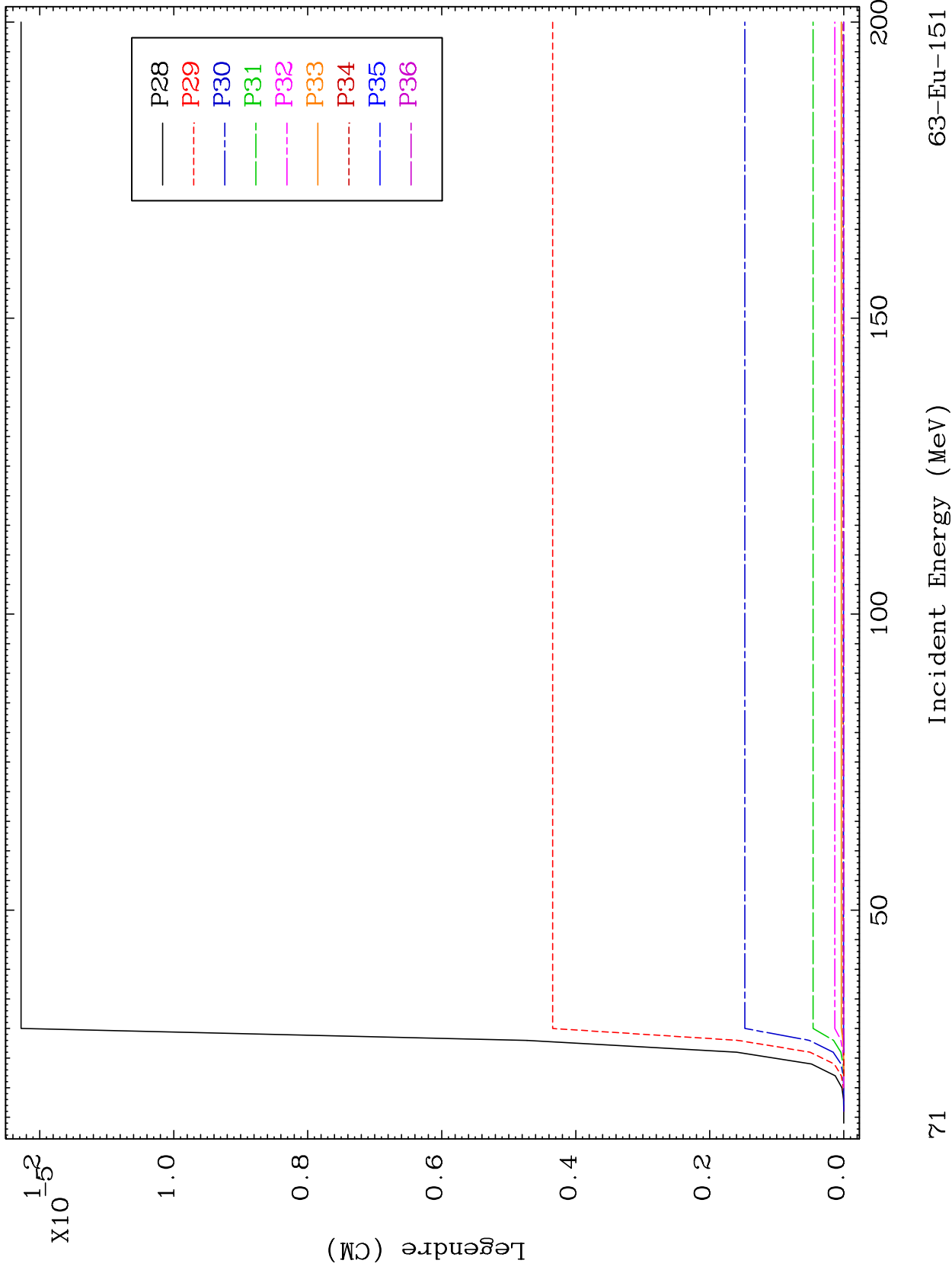
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

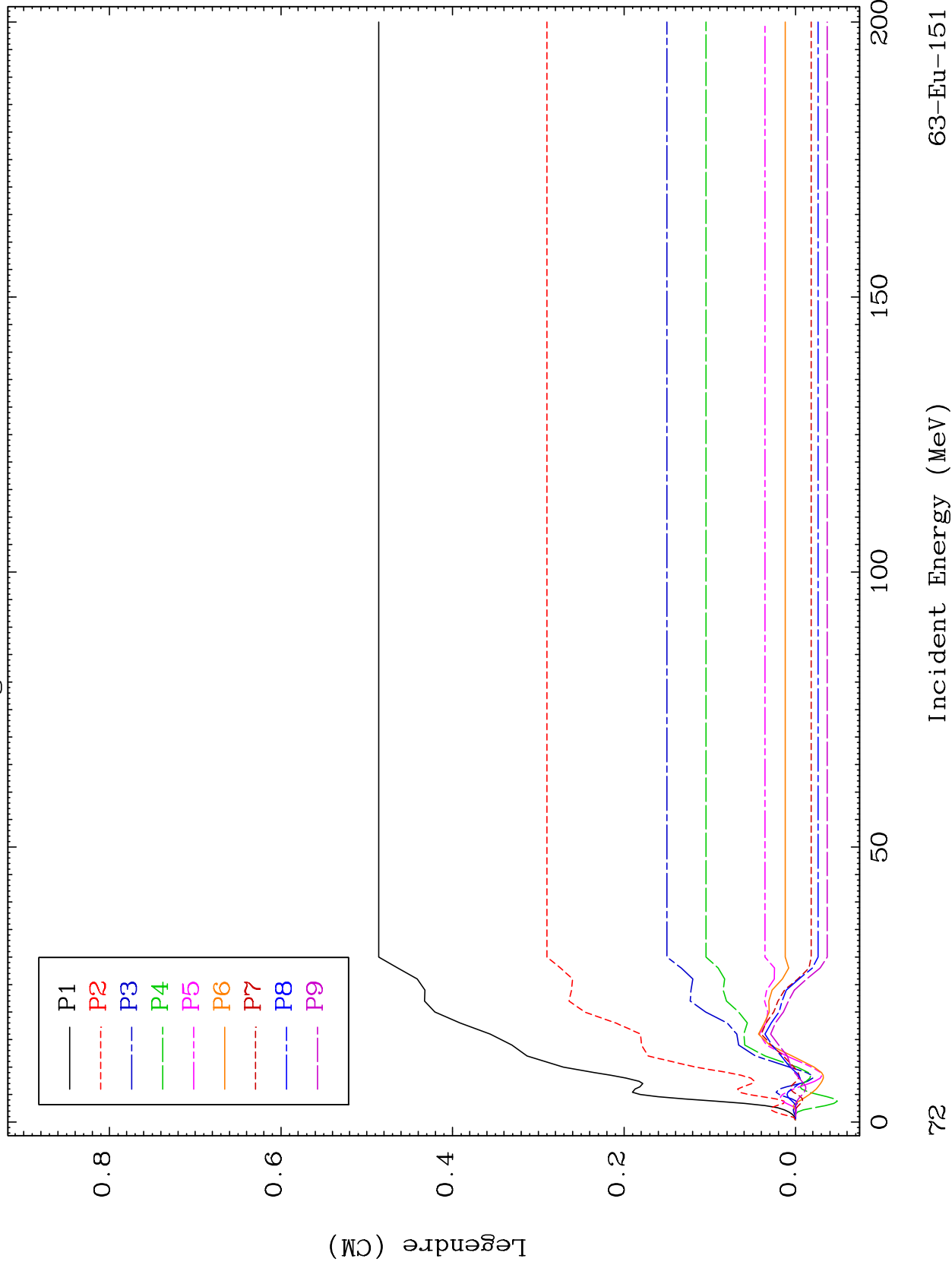




MAT 6325

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

63-Eu-151



63-Eu-151

Incident Energy (MeV)

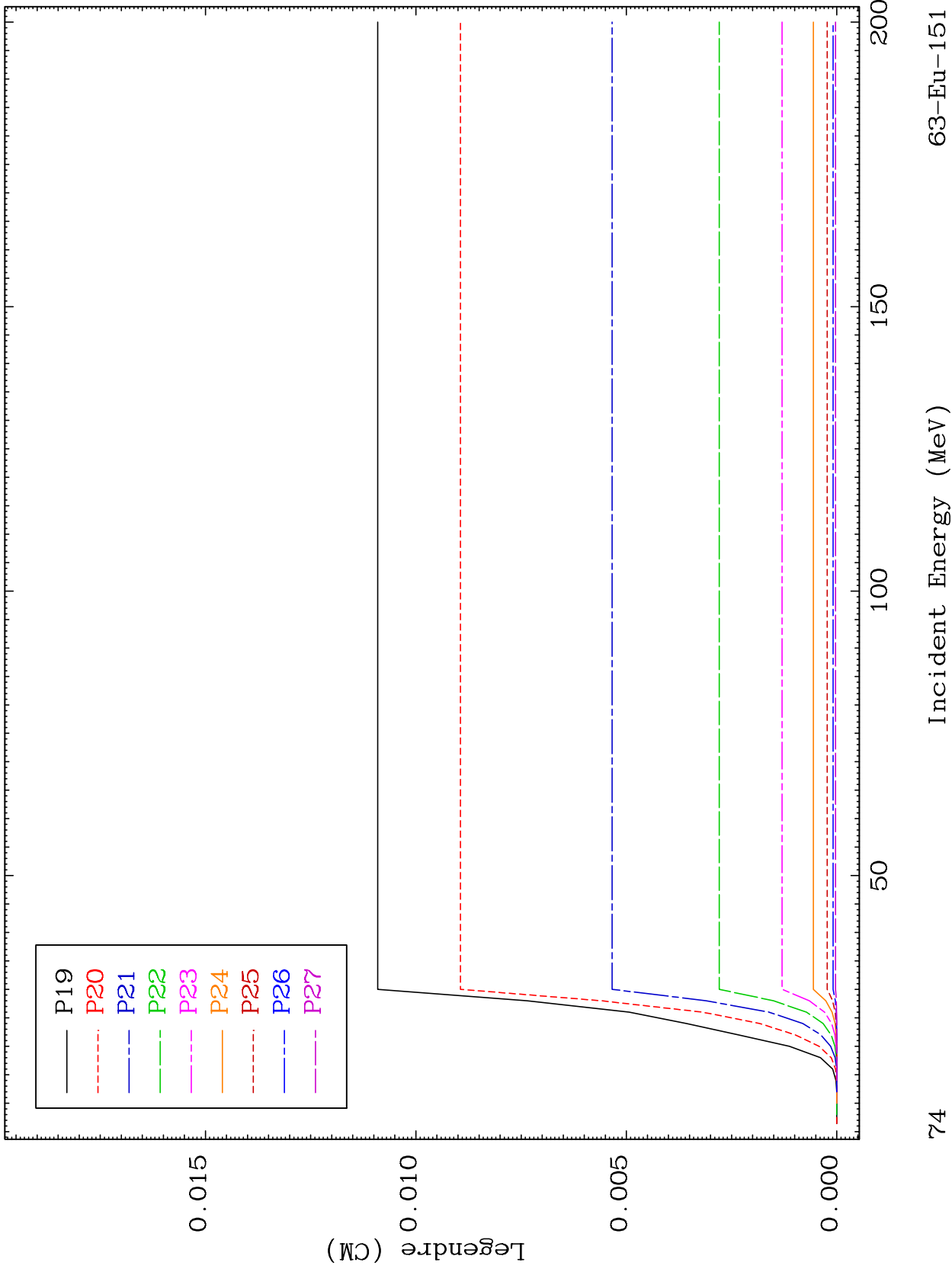
72



MAT 6325

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

63-Eu-151



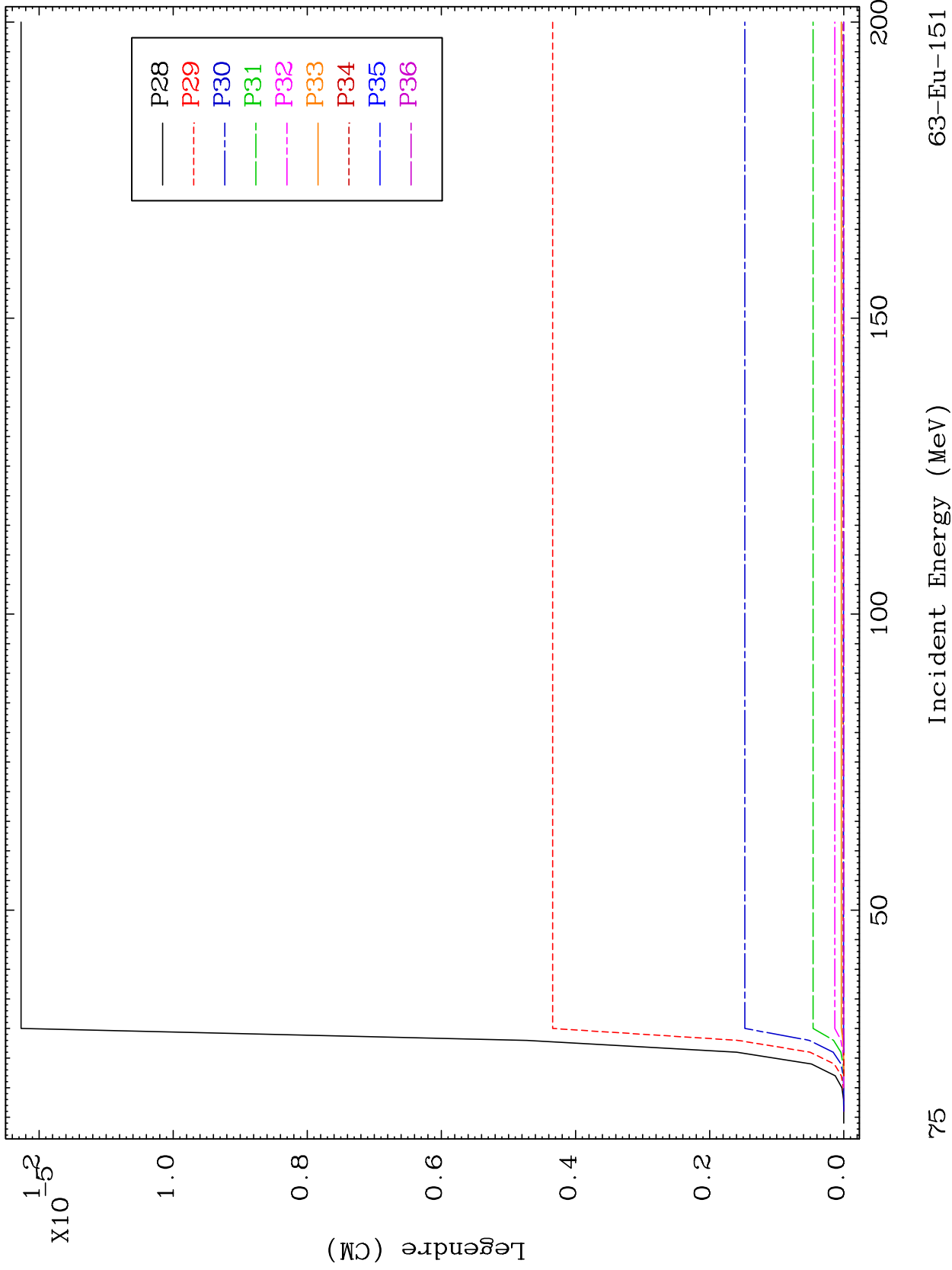
74

63-Eu-151

MAT 6325

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

63-Eu-151



75

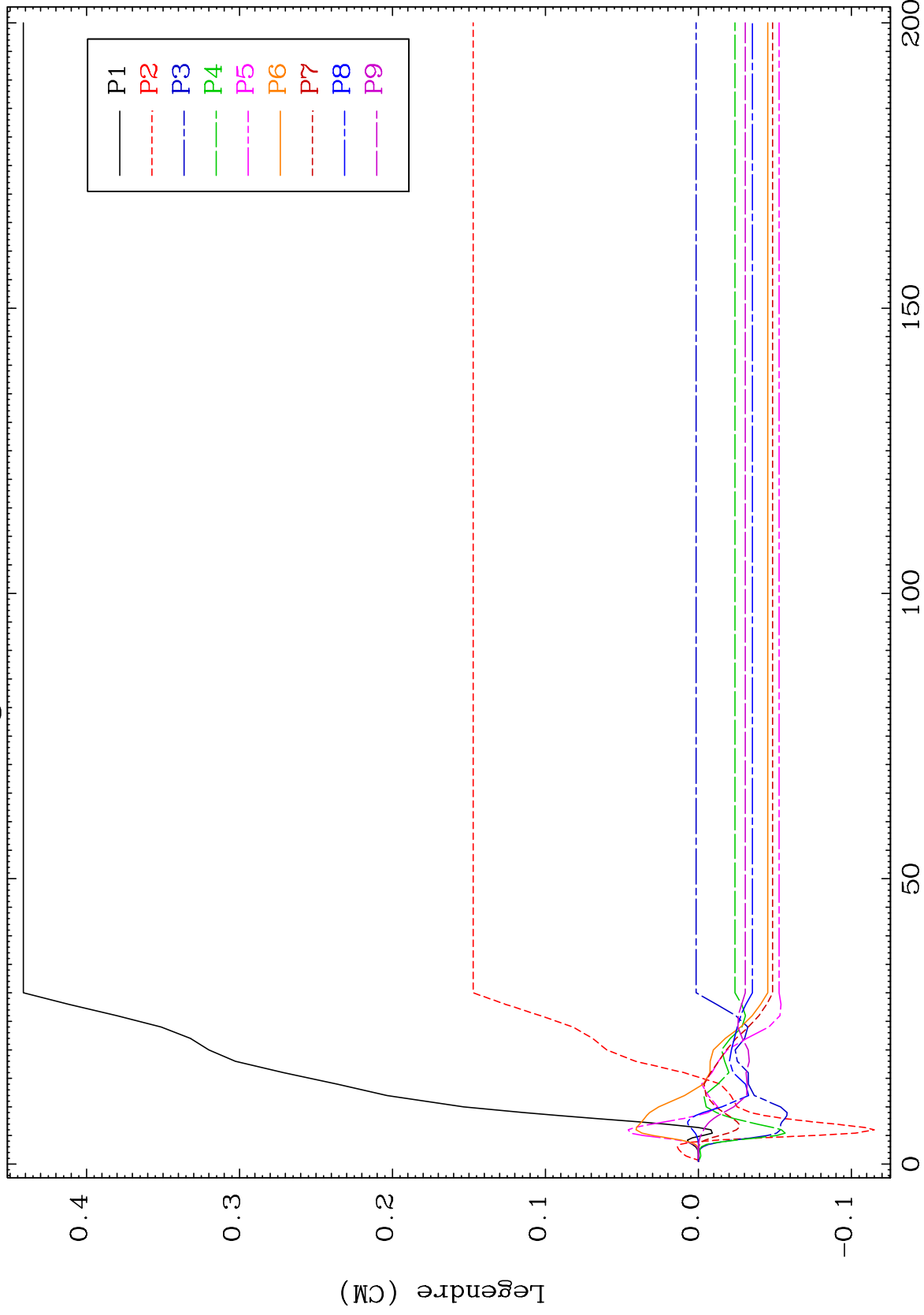
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

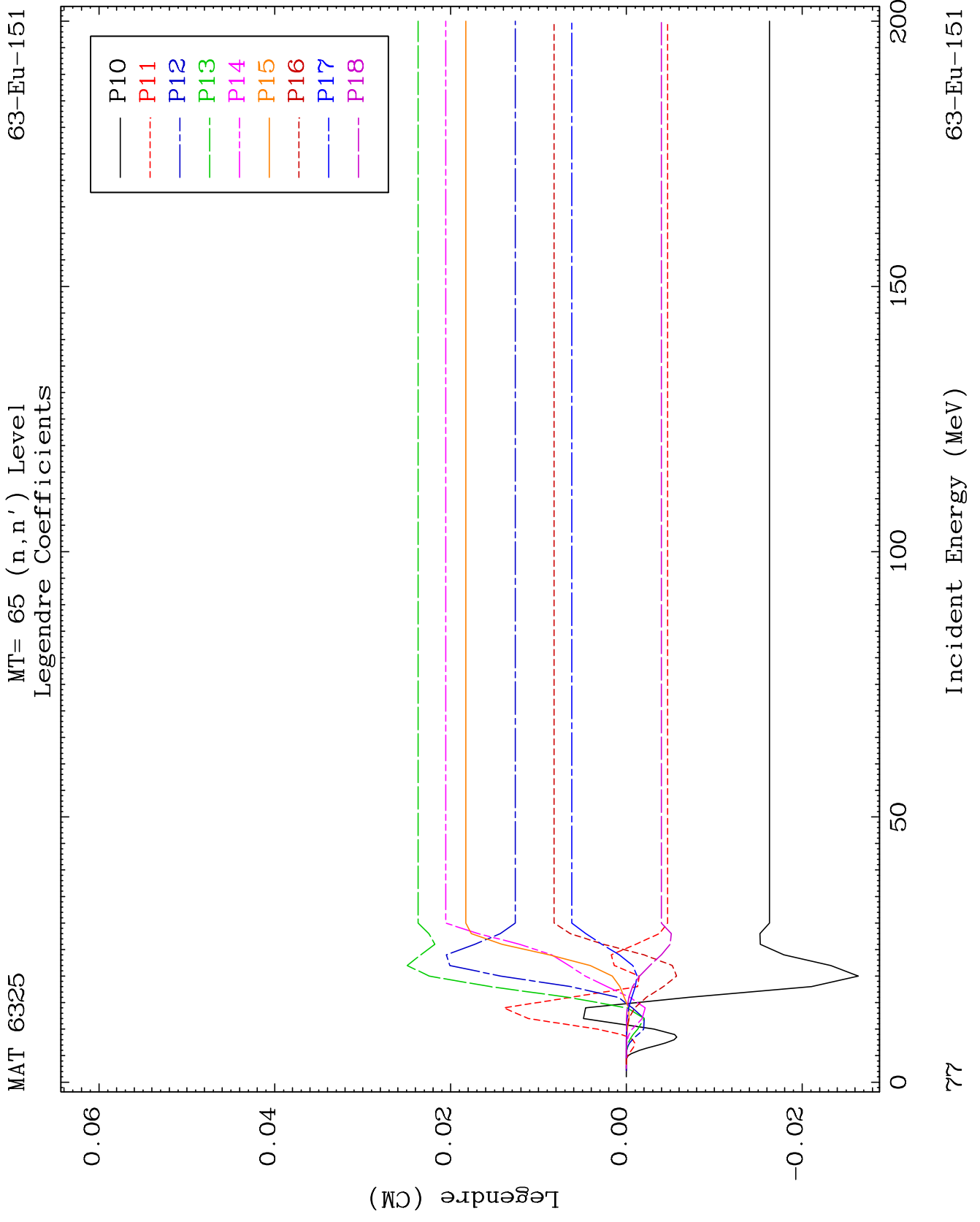
63-Eu-151

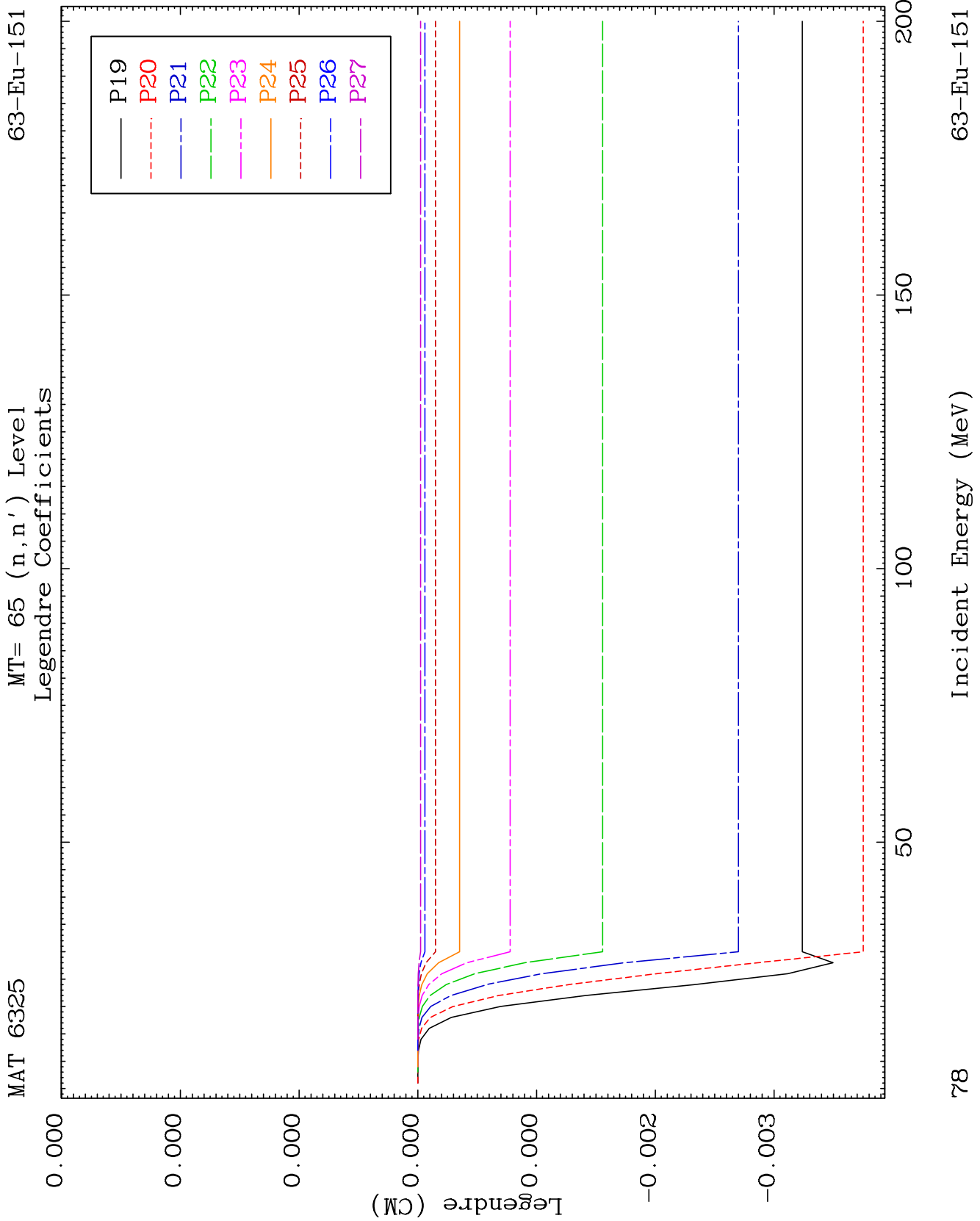


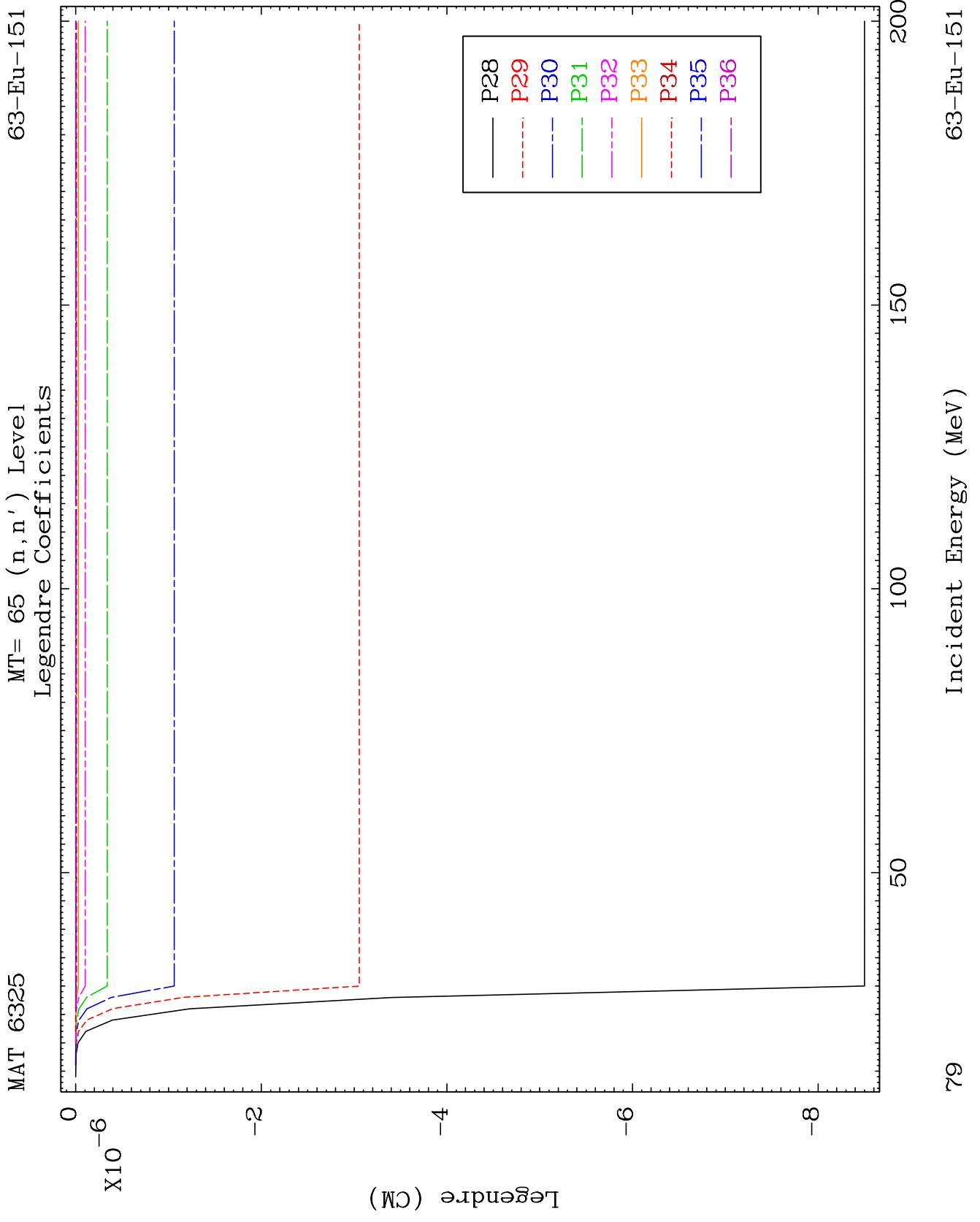
76

Incident Energy (MeV)

63-Eu-151





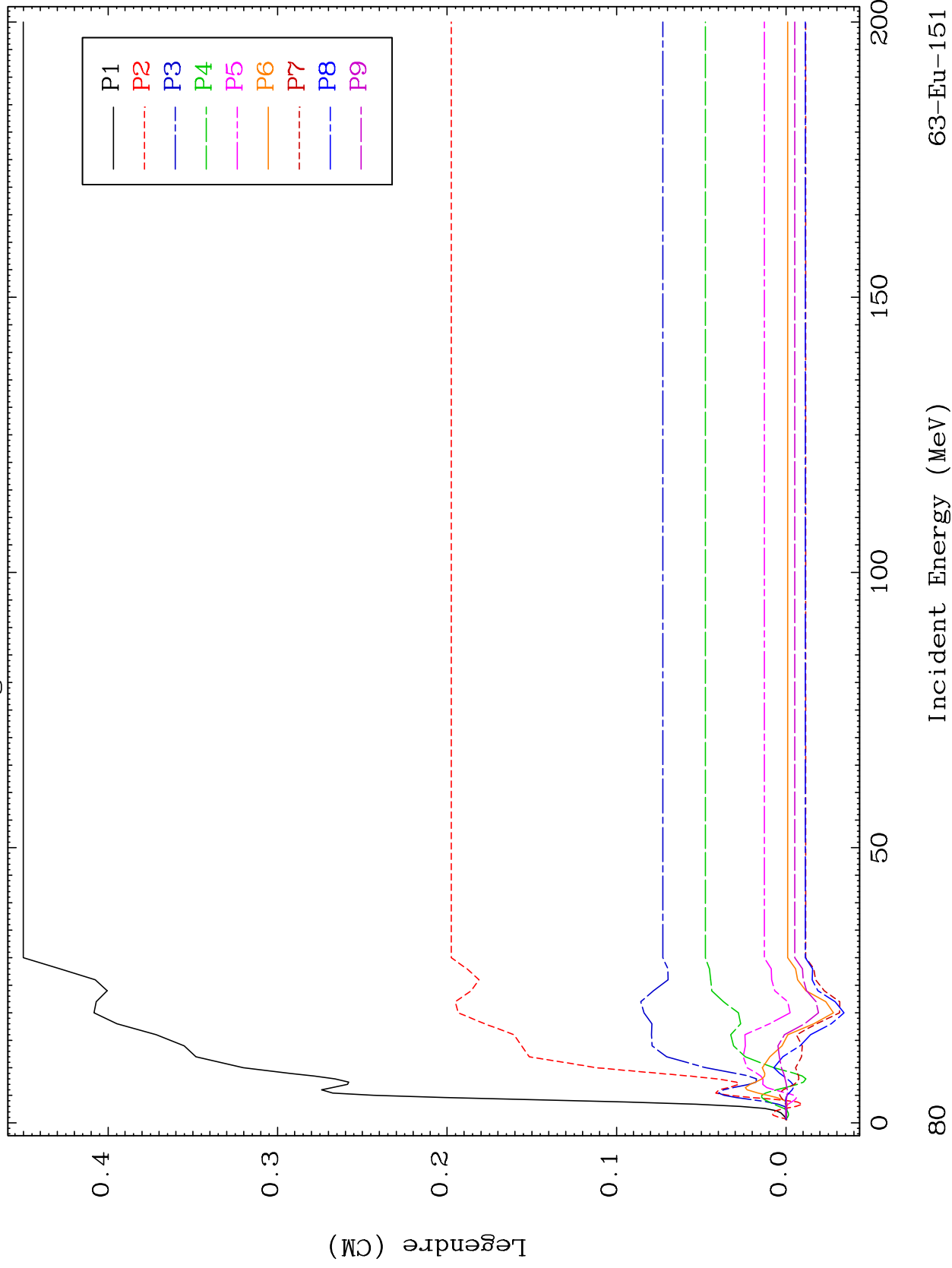




MAT 6325

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

63-Eu-151



63-Eu-151

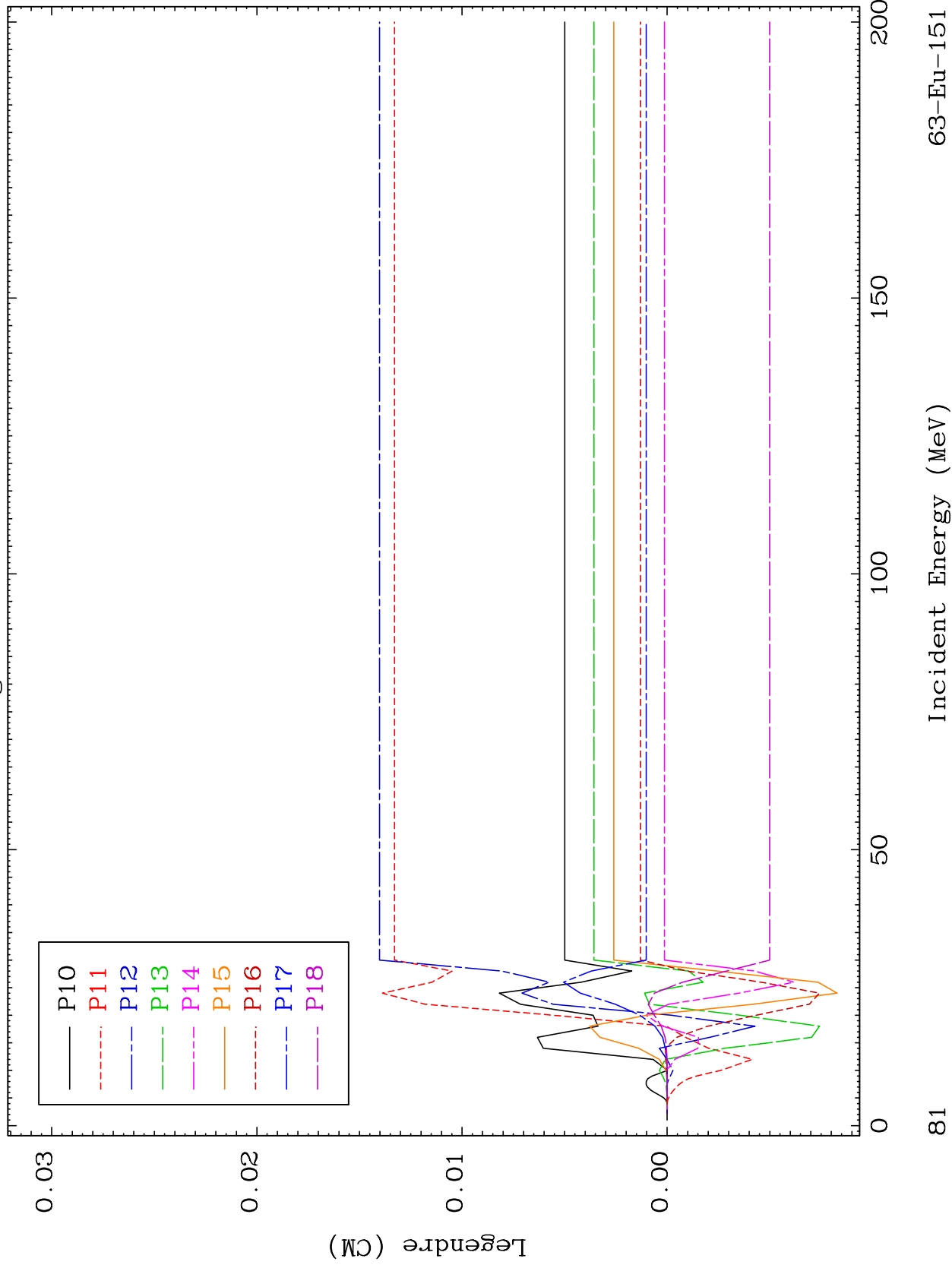
Incident Energy (MeV)

80

MAT 6325

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

63-Eu-151



81

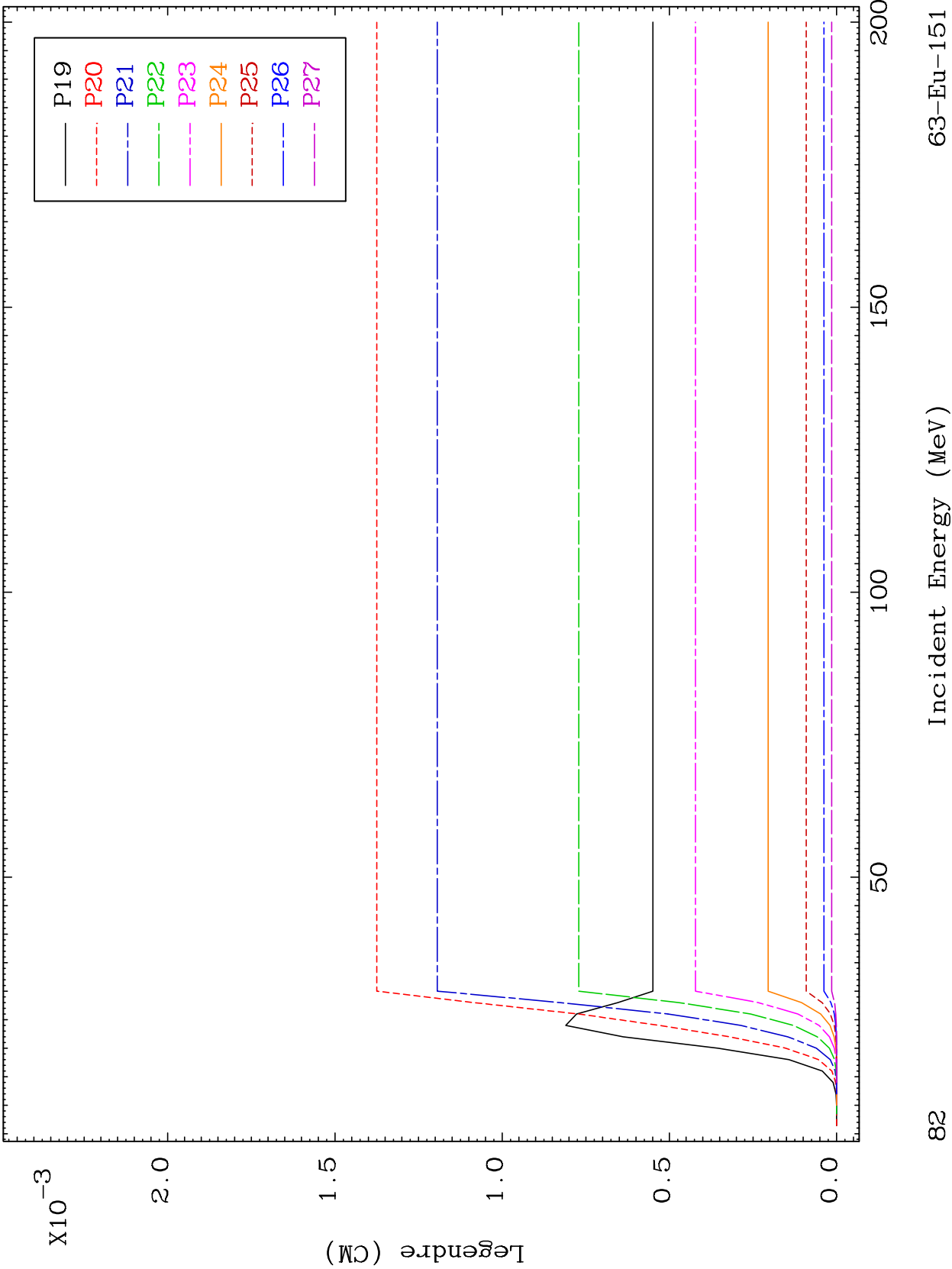
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



82

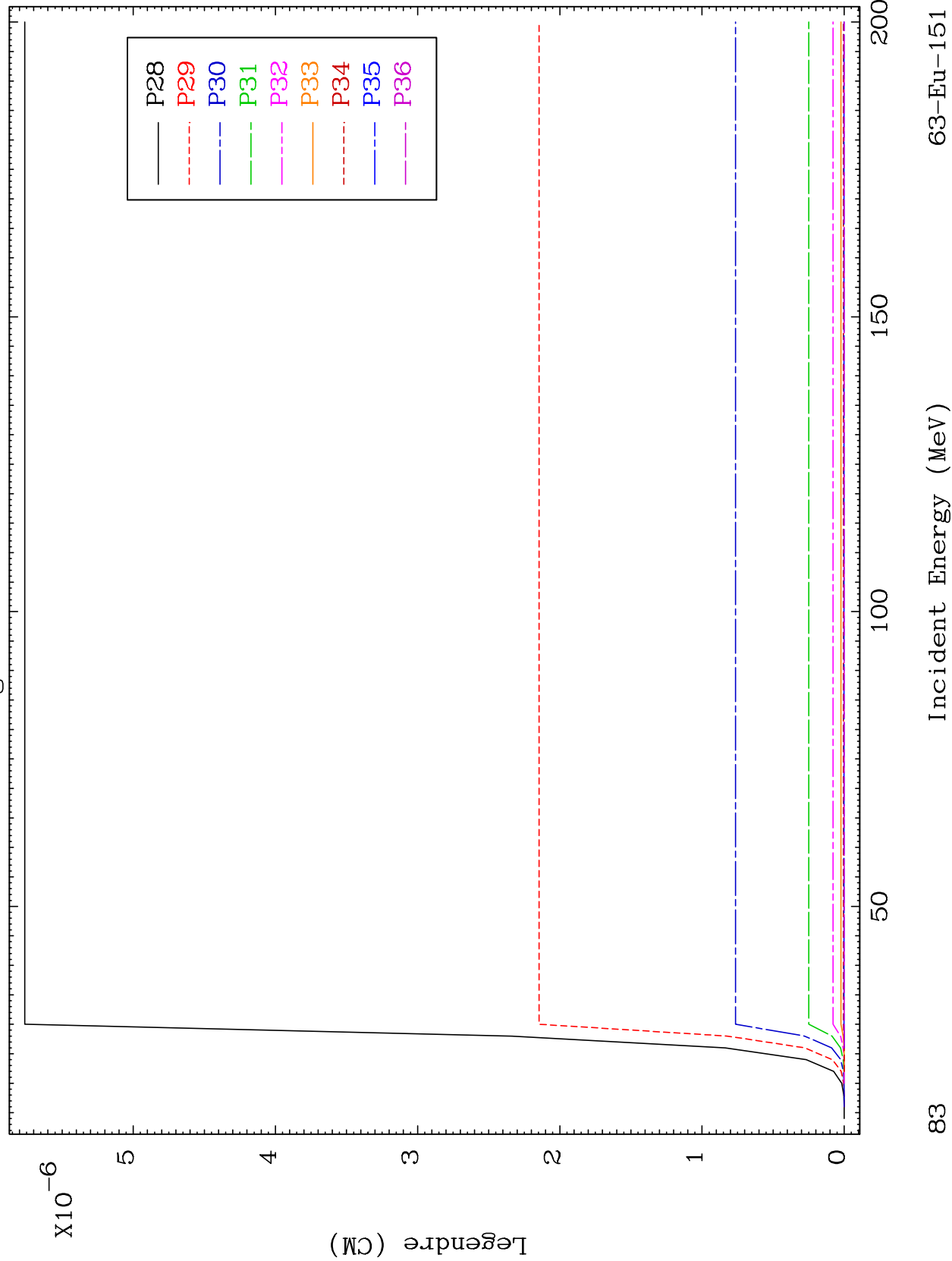
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

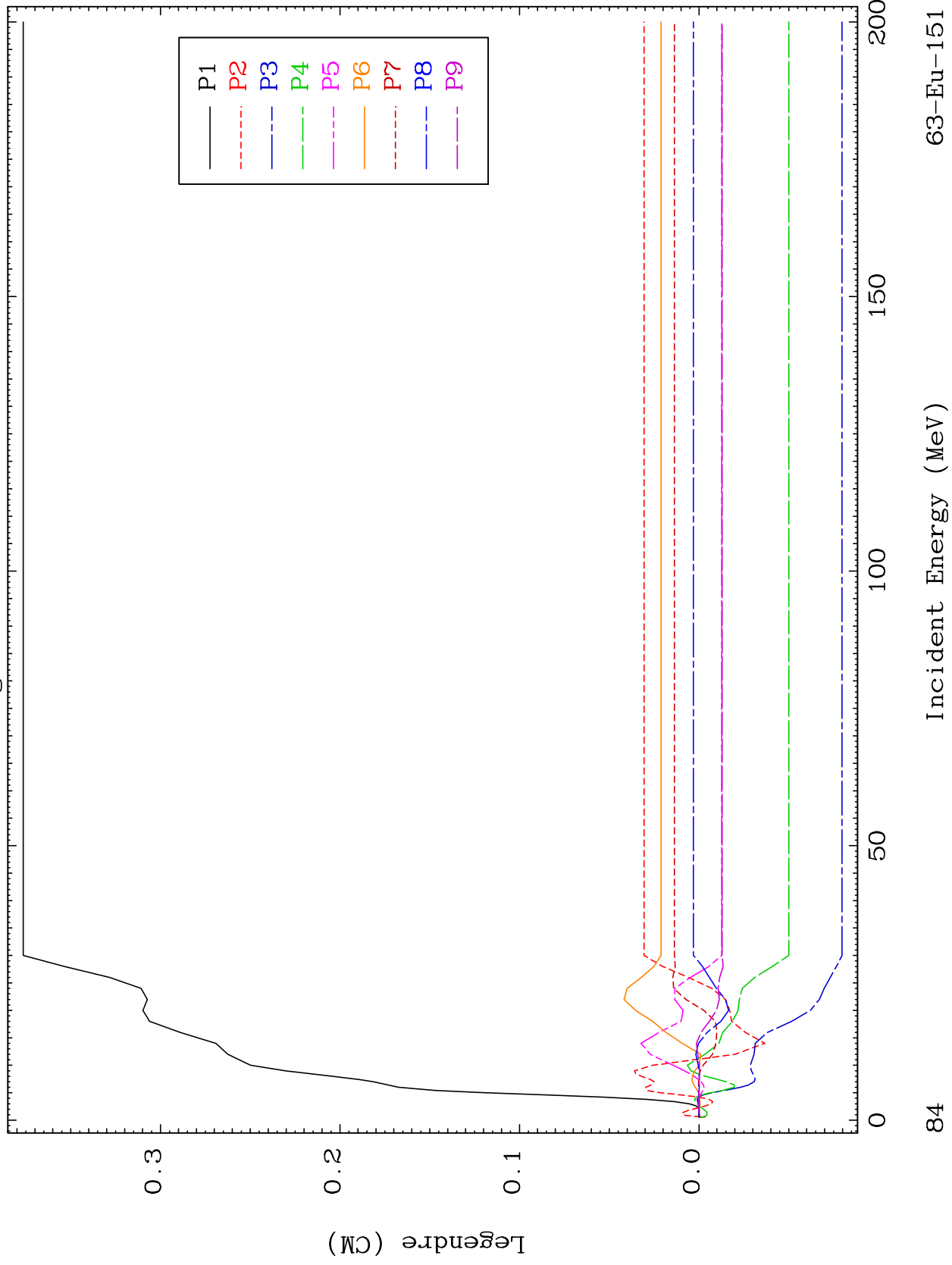
63-Eu-151



MAT 6325

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

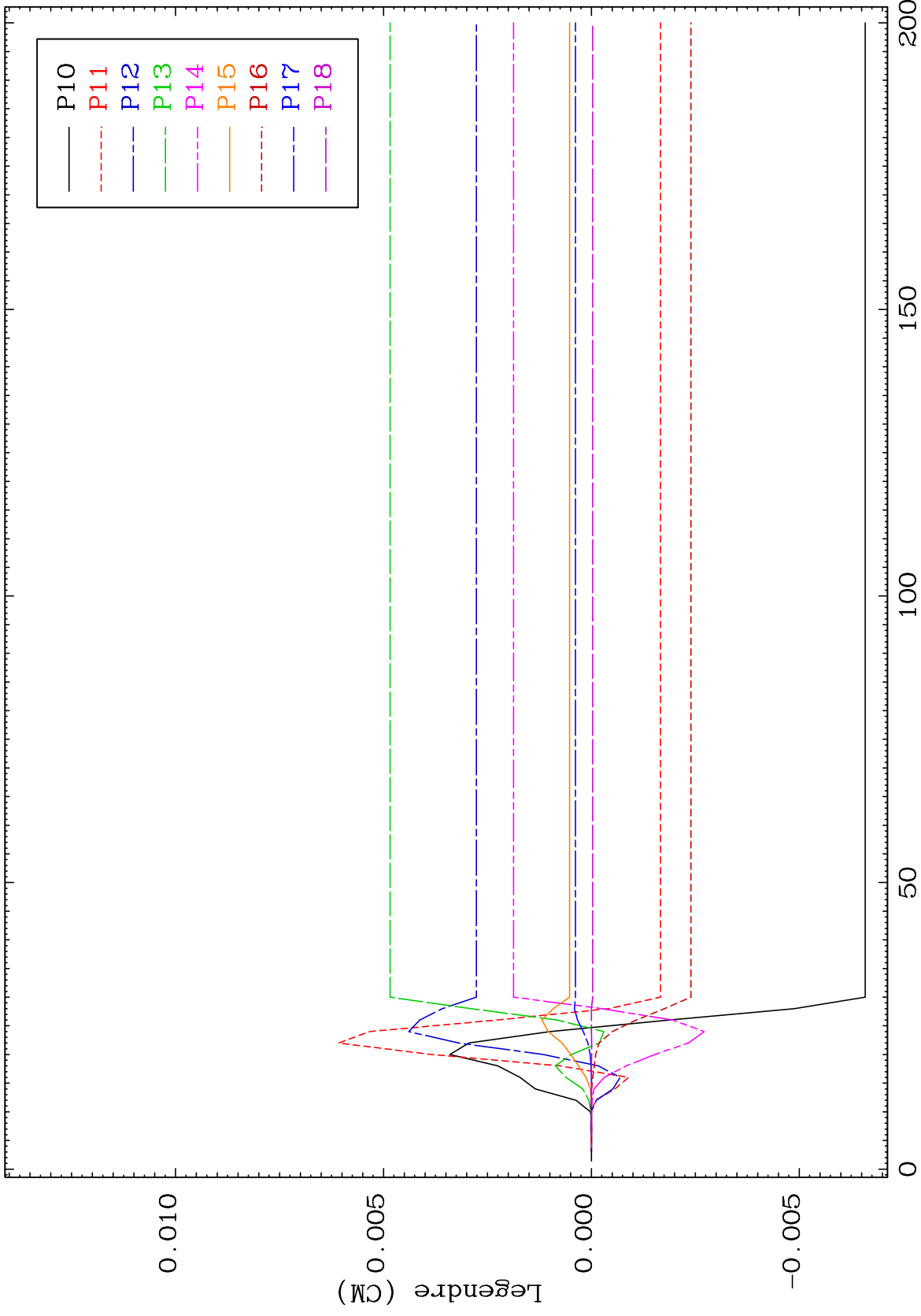
63-Eu-151



MAT 6325

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

63-Eu-151



85

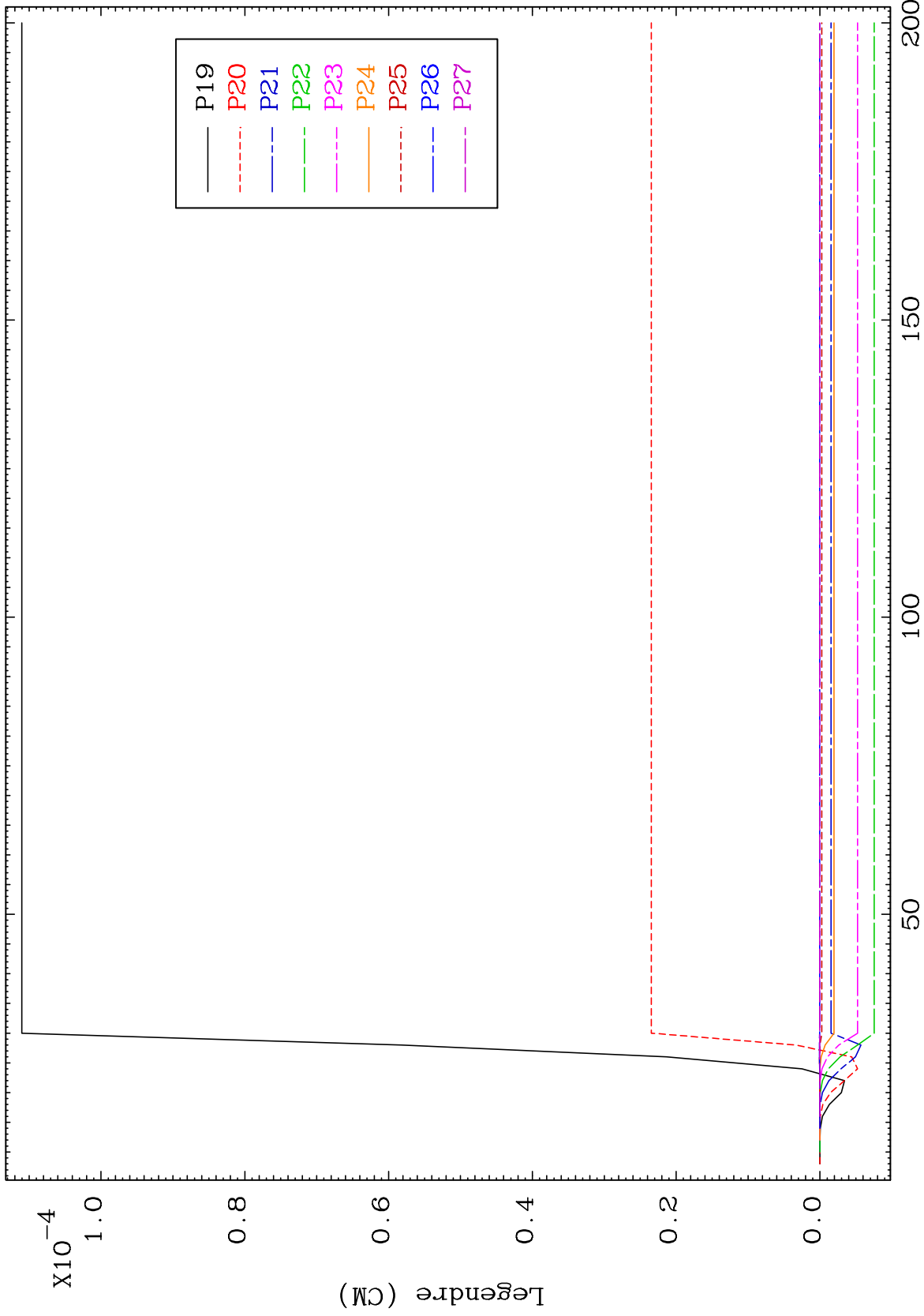
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



86

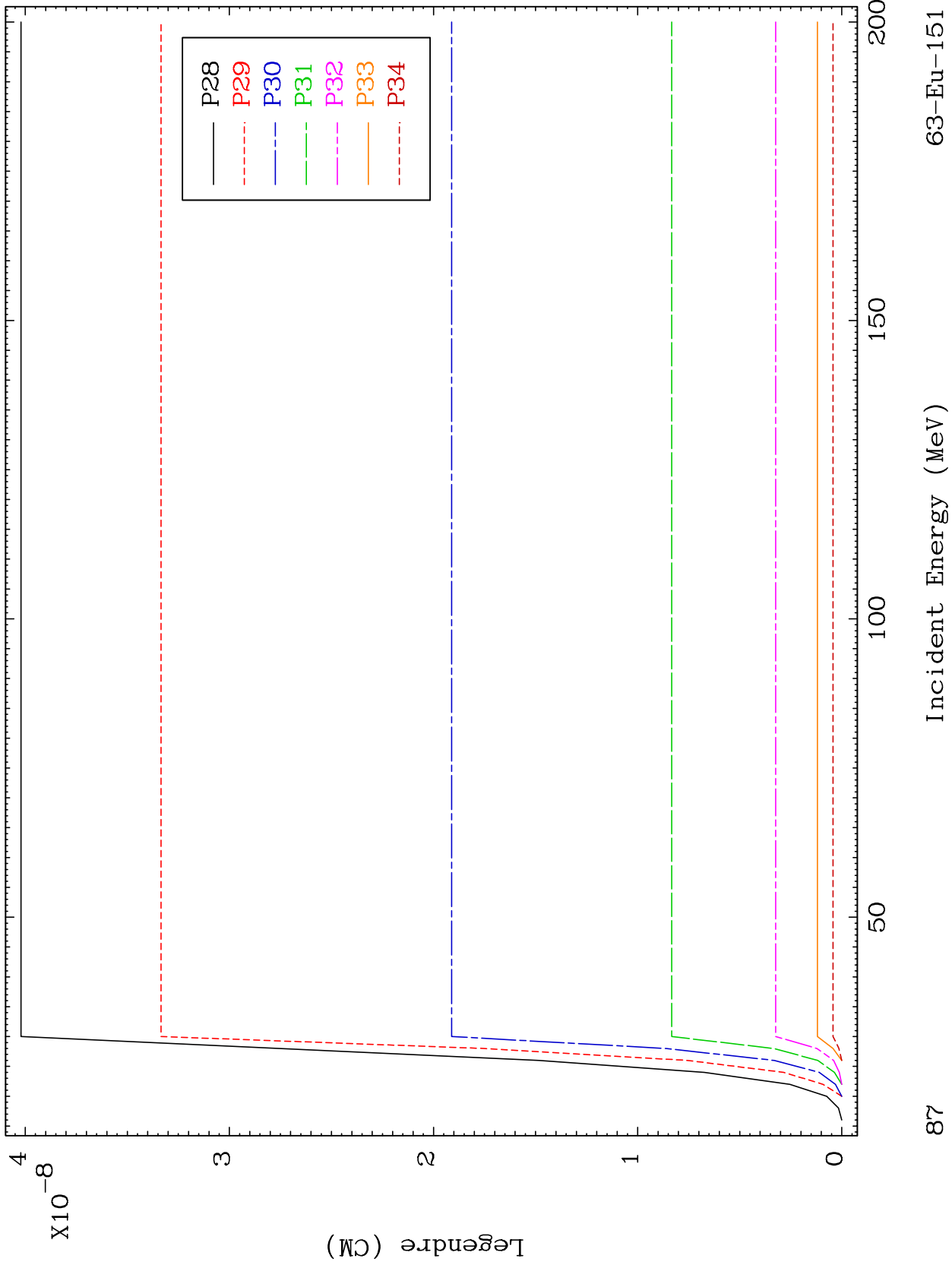
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

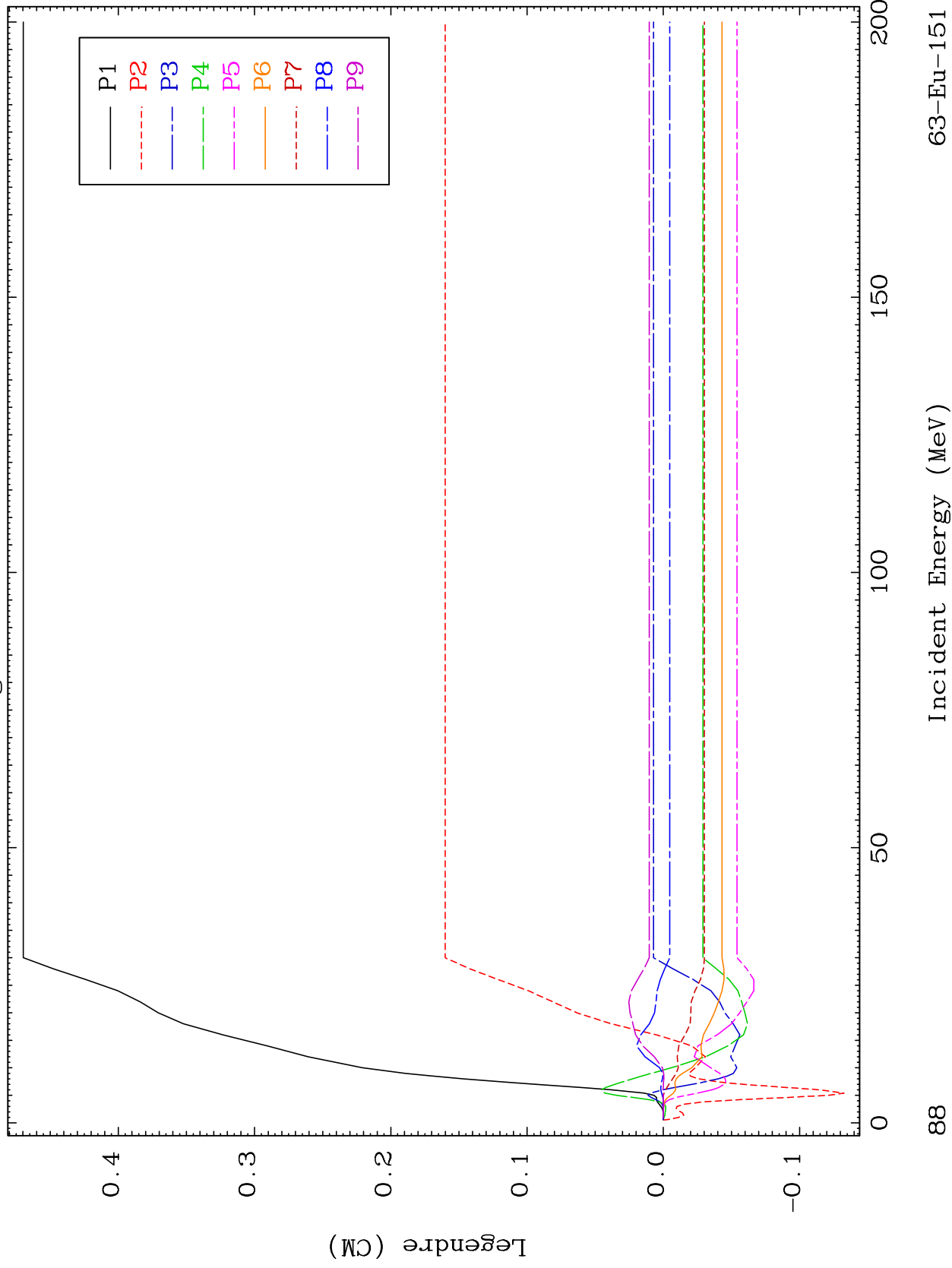




MAT 6325

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

63-Eu-151



63-Eu-151

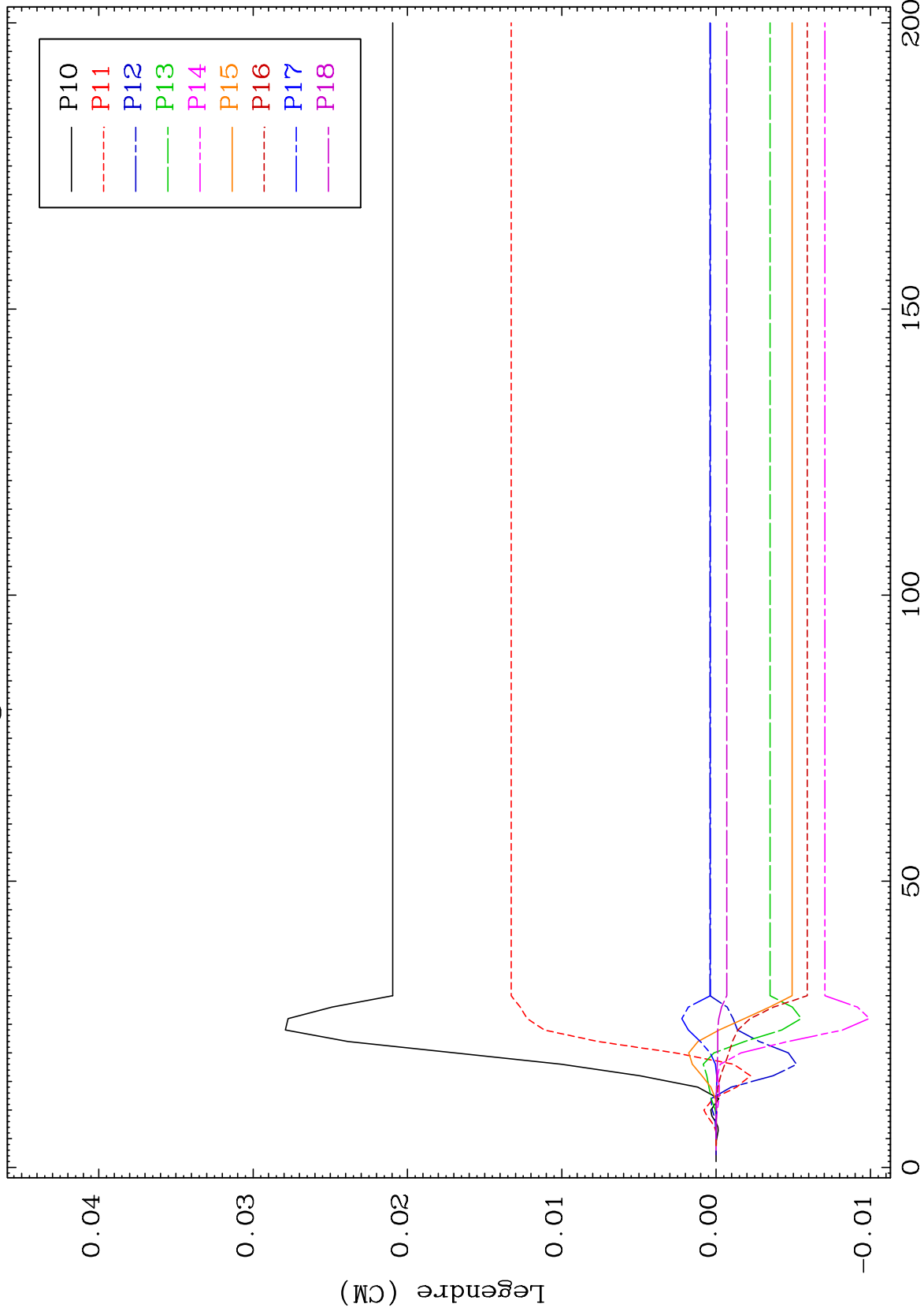
Incident Energy (MeV)

88

MAT 6325

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

63-Eu-151



89

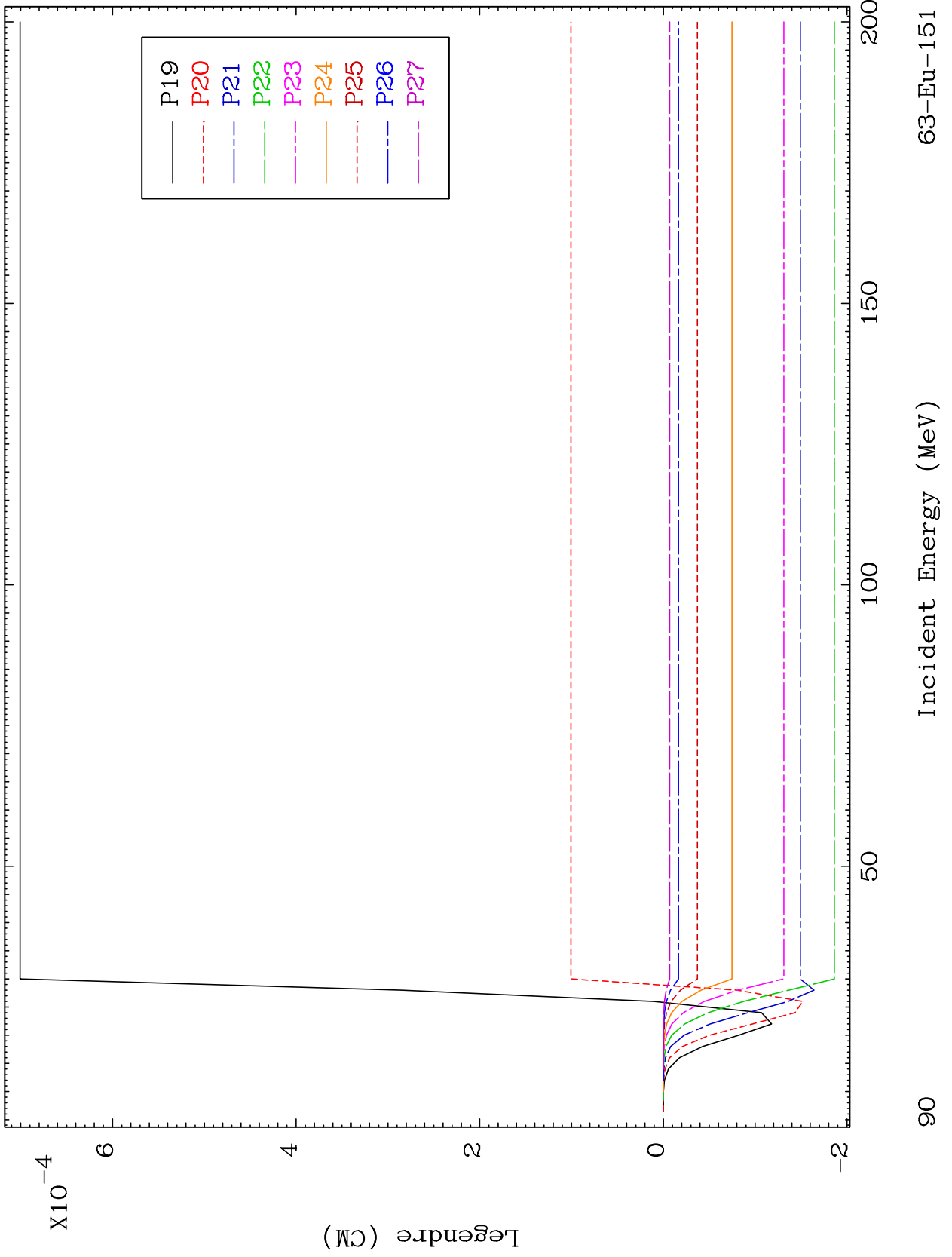
Incident Energy (MeV)

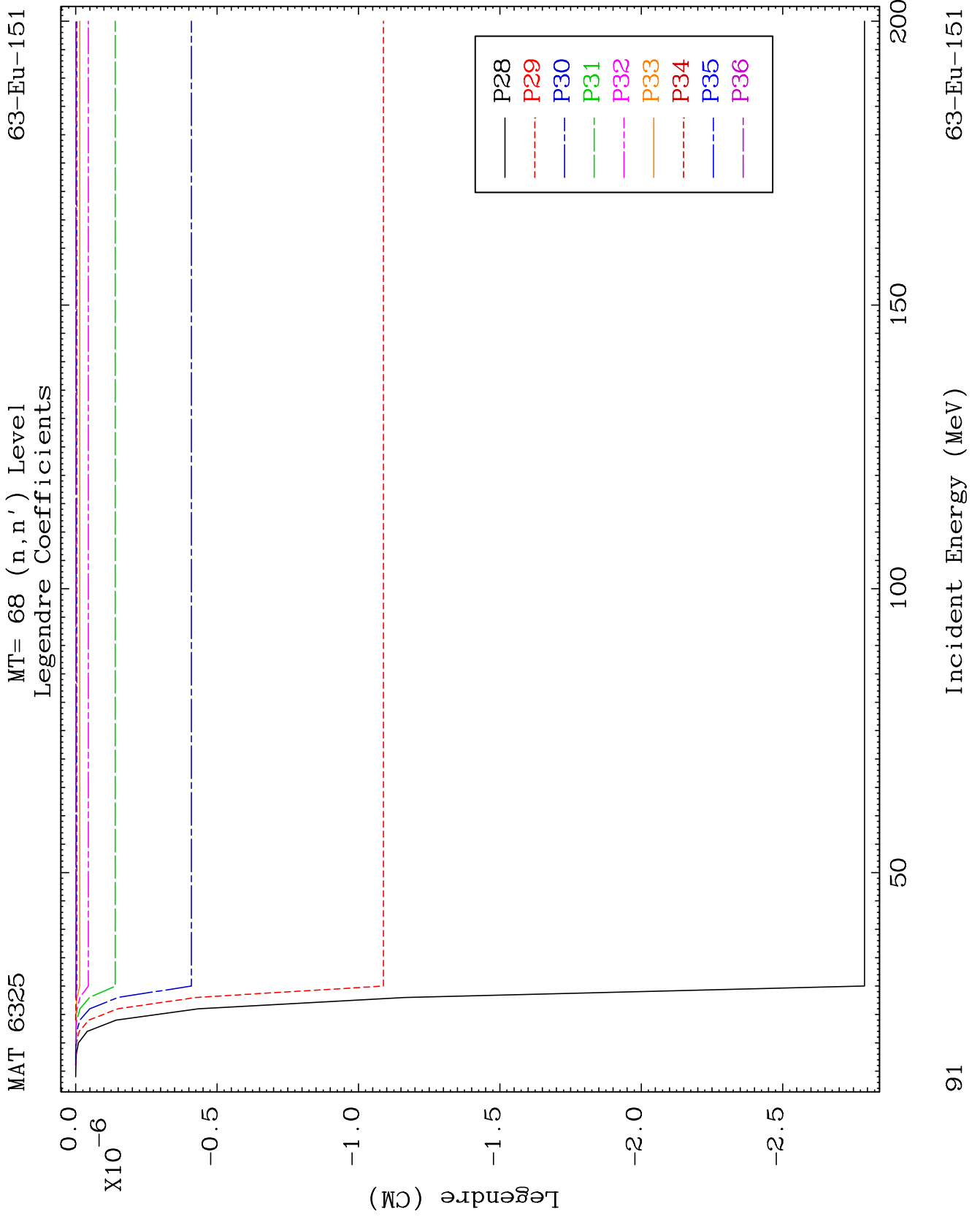
63-Eu-151

MAT 6325

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

63-Eu-151

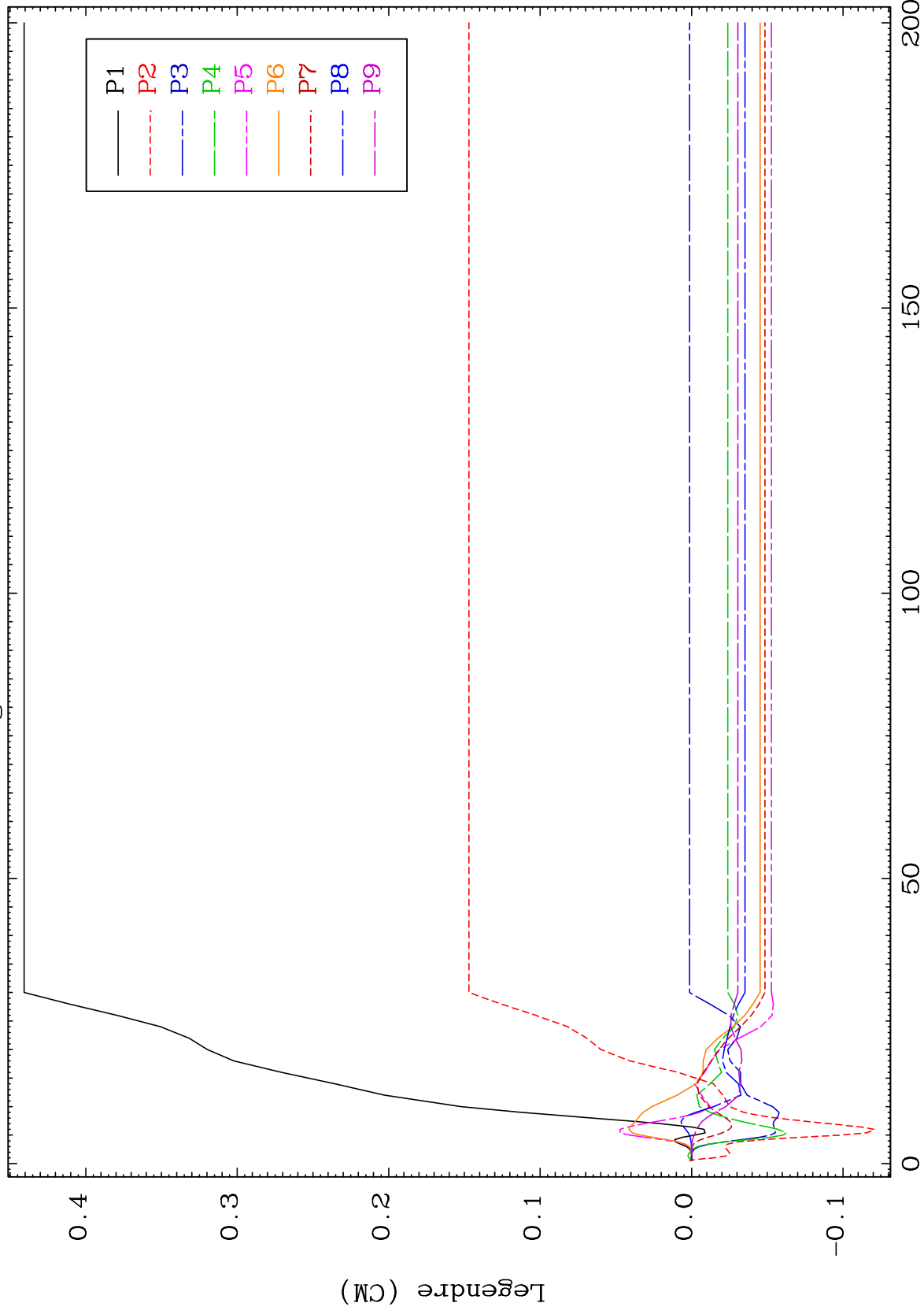




MAT 6325

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

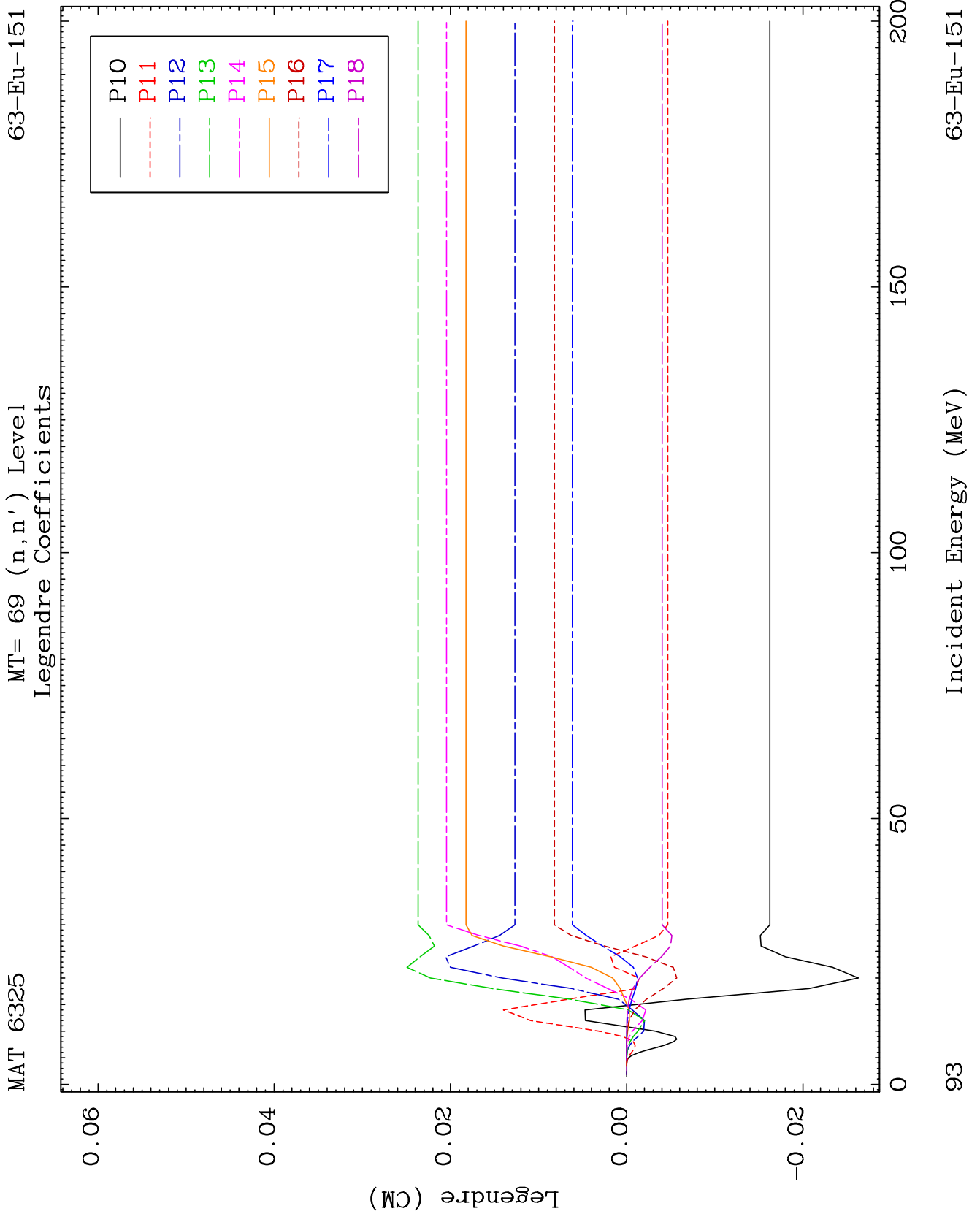
63-Eu-151



92

Incident Energy (MeV)

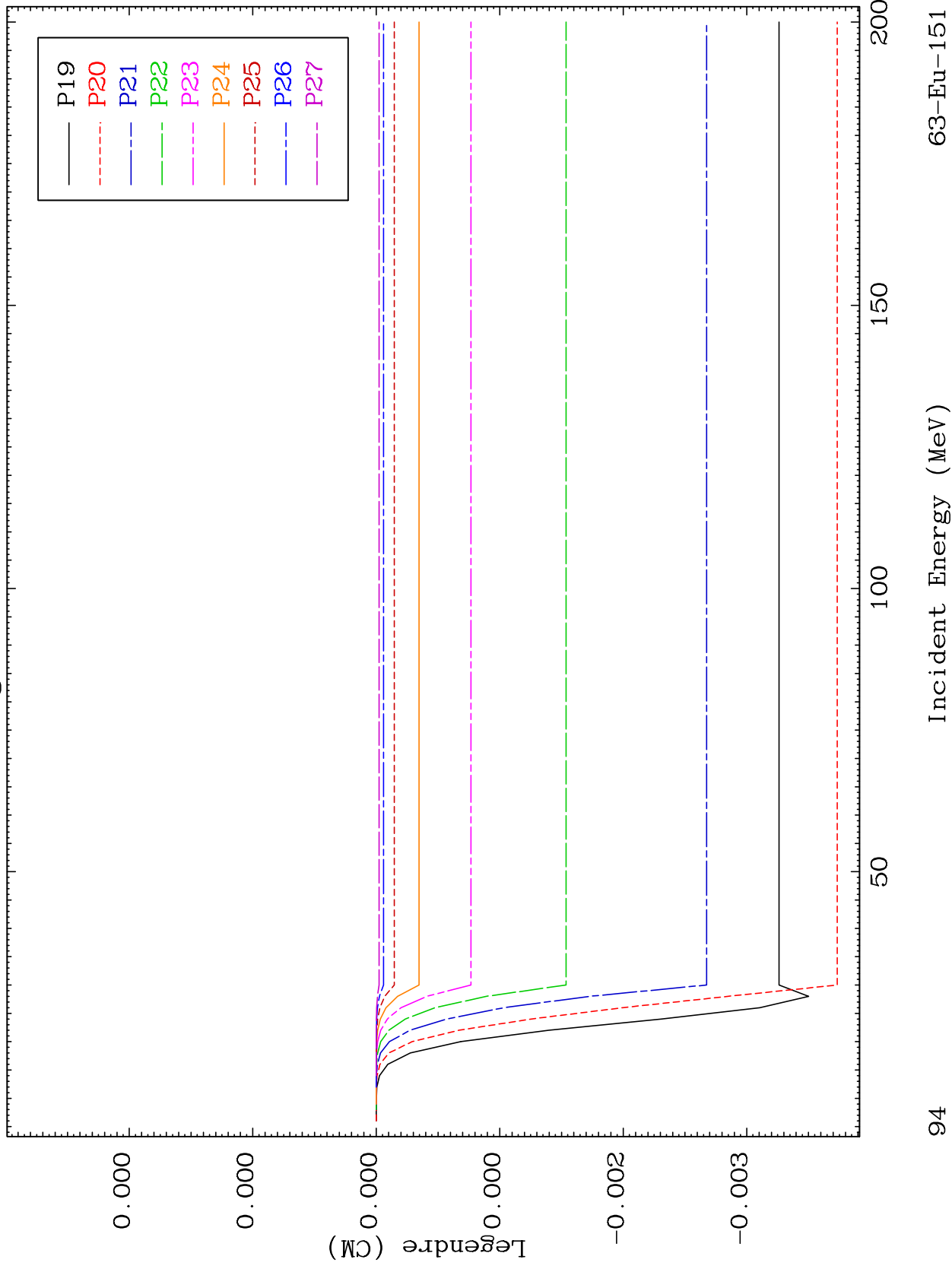
63-Eu-151

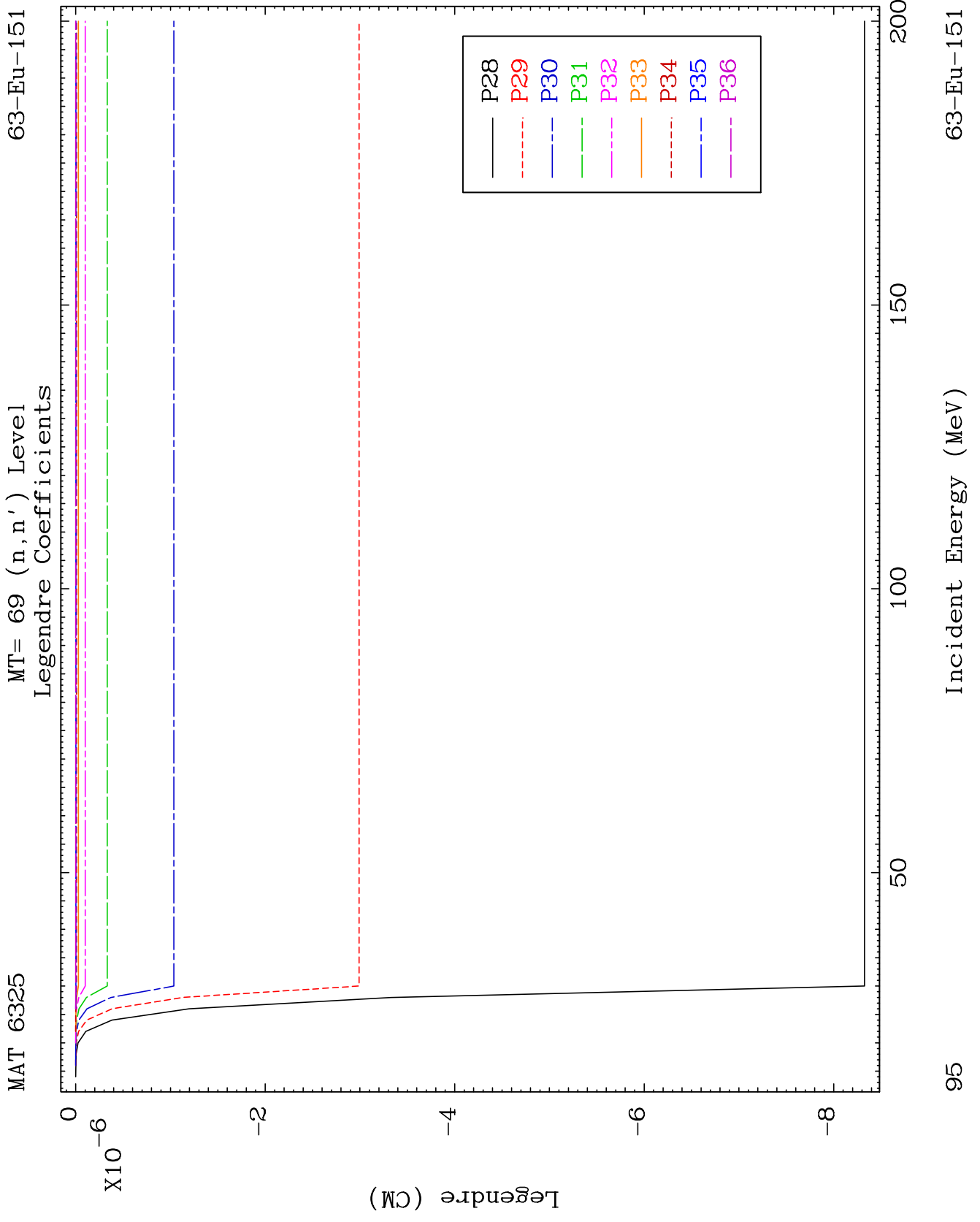


MAT 6325

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

63-Eu-151



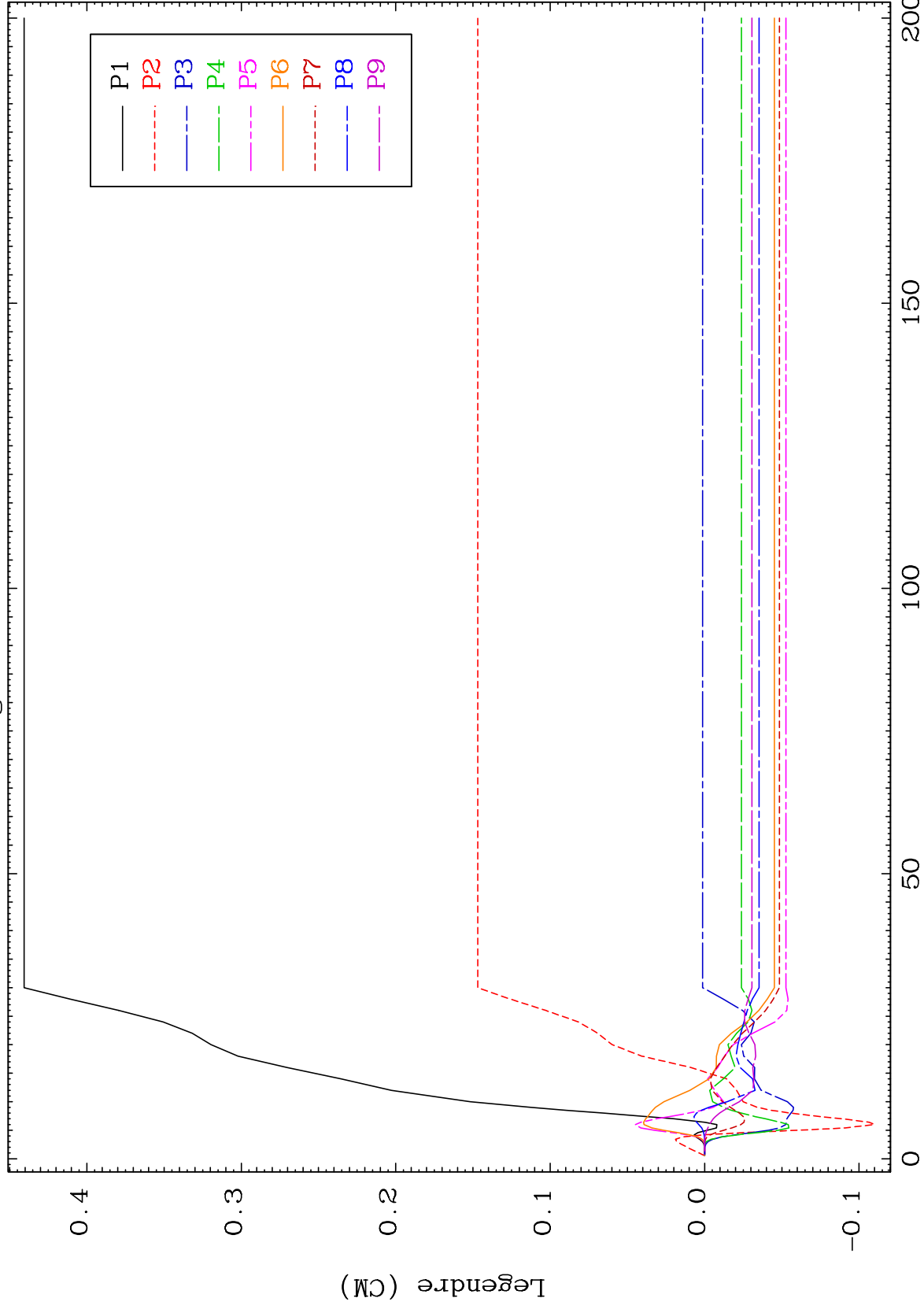




MAT 6325

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

63-Eu-151



96

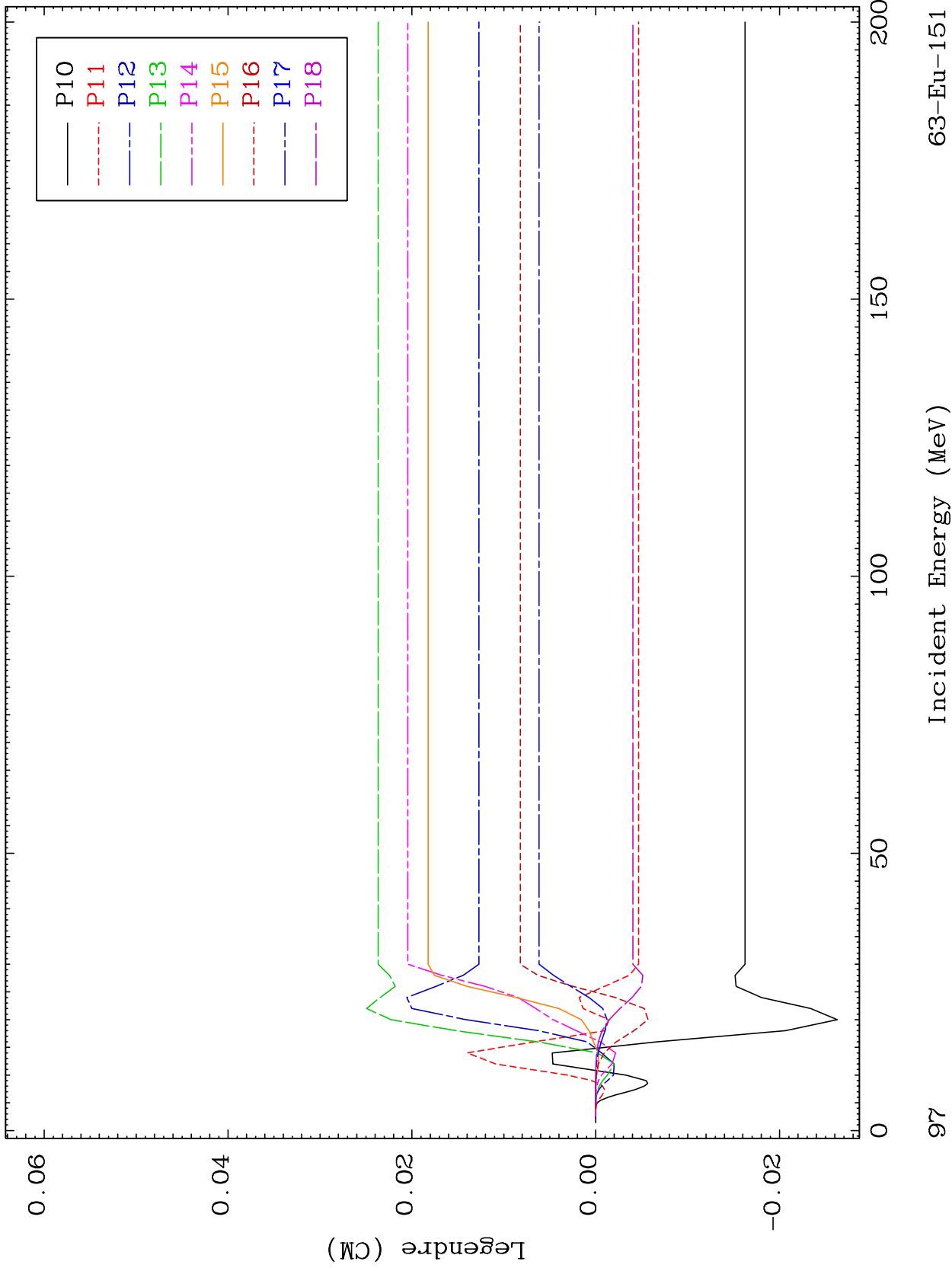
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

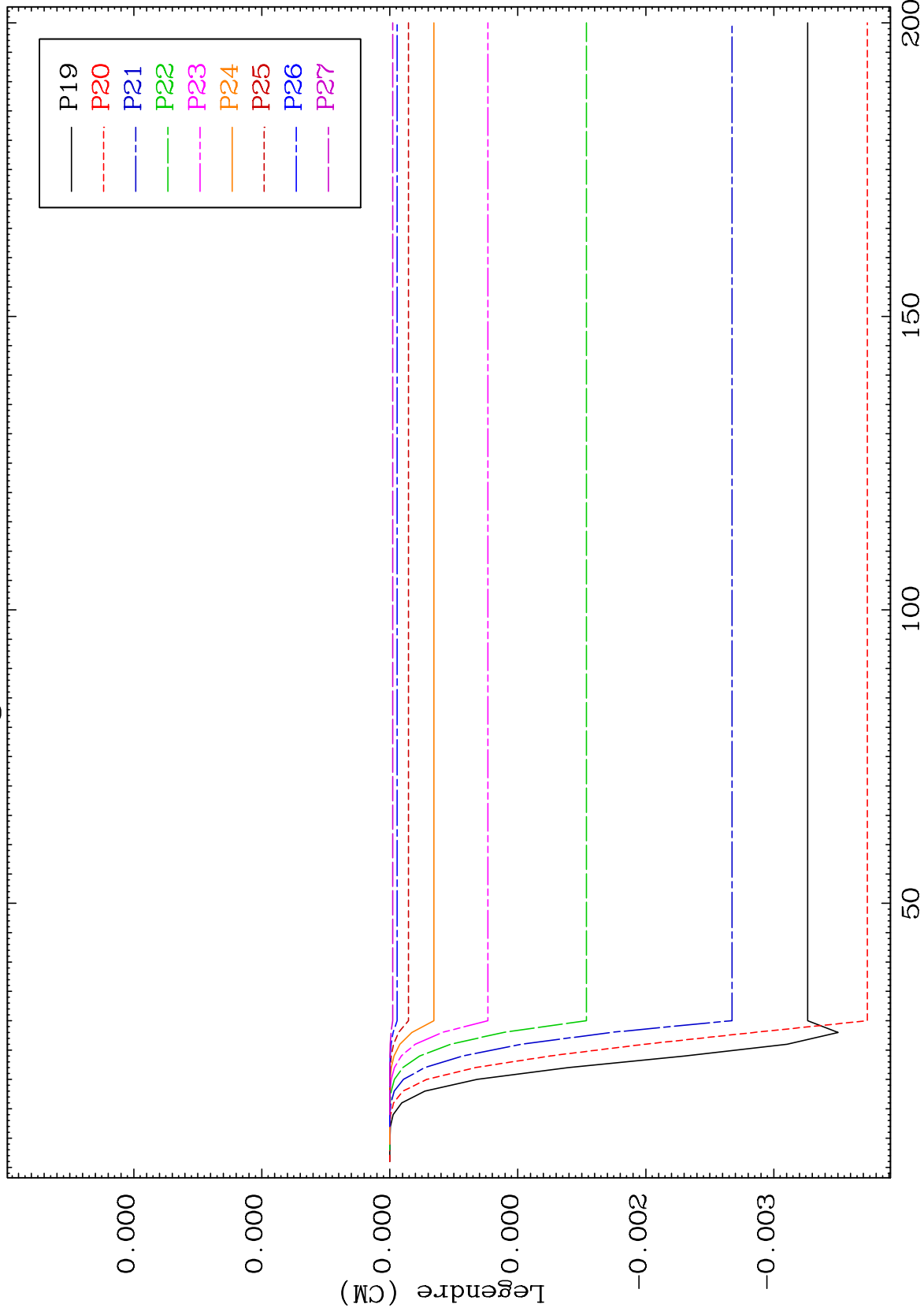
63-Eu-151



MAT 6325

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

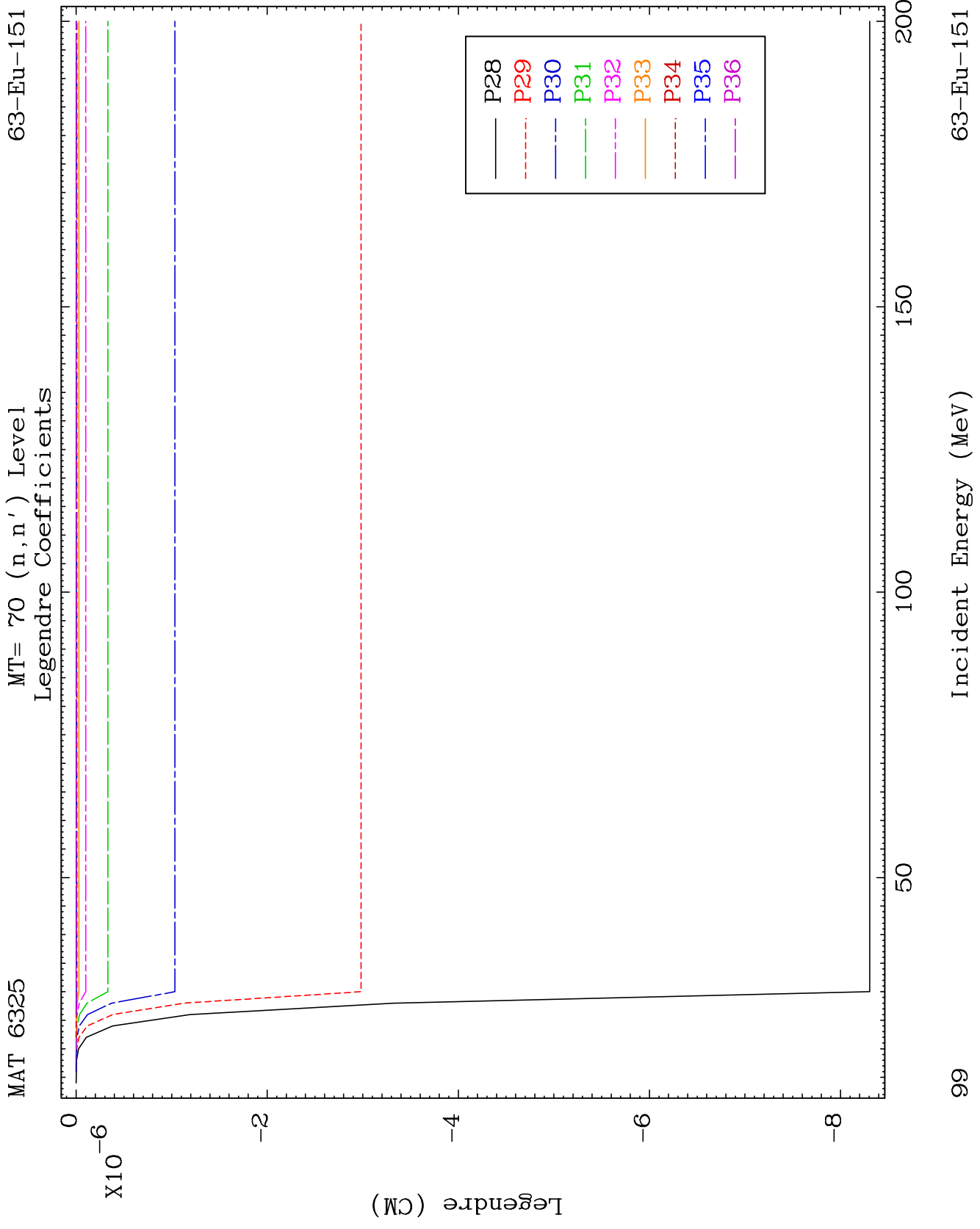
63-Eu-151



98

Incident Energy (MeV)

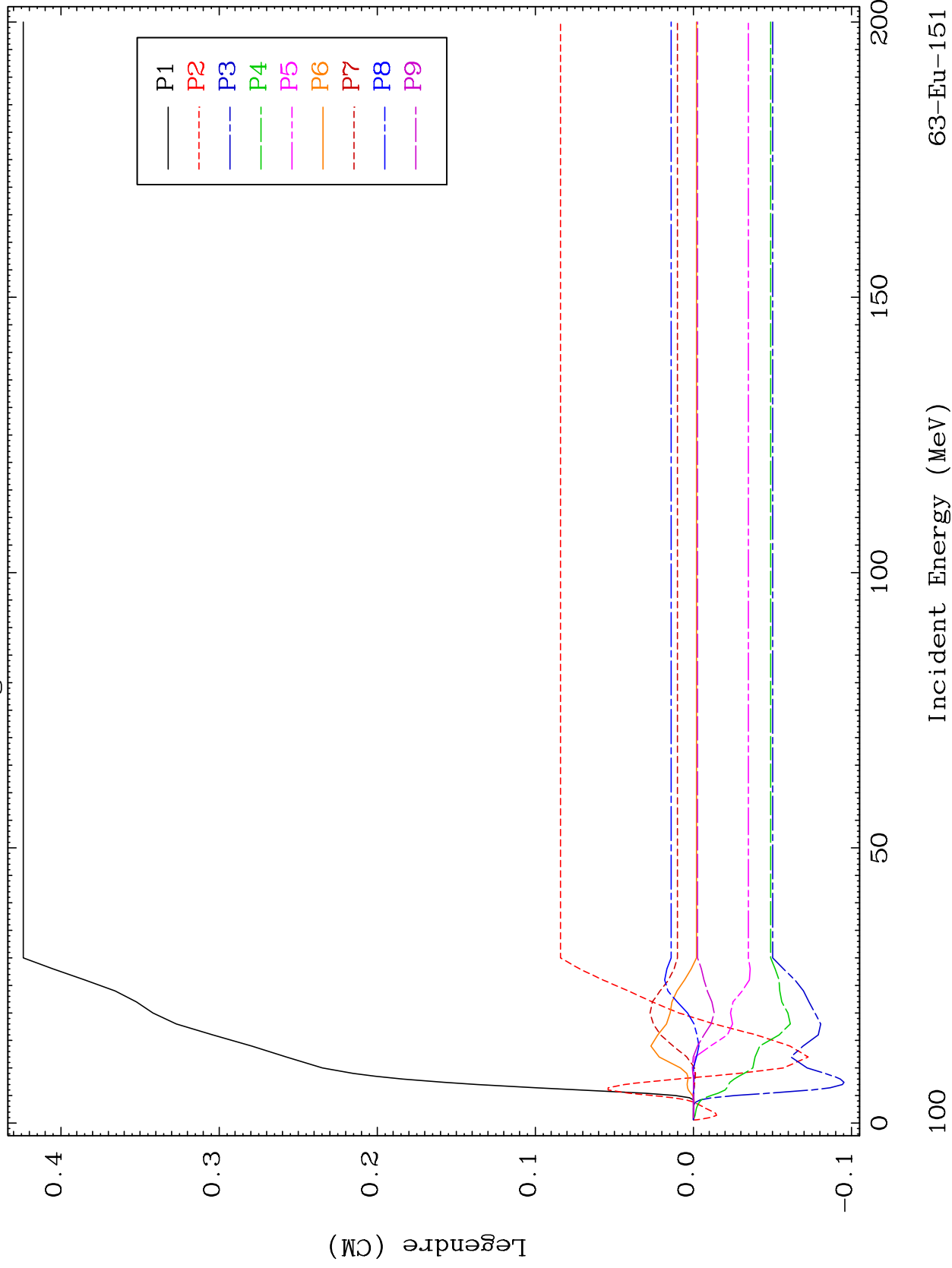
63-Eu-151



MAT 6325

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

63-Eu-151

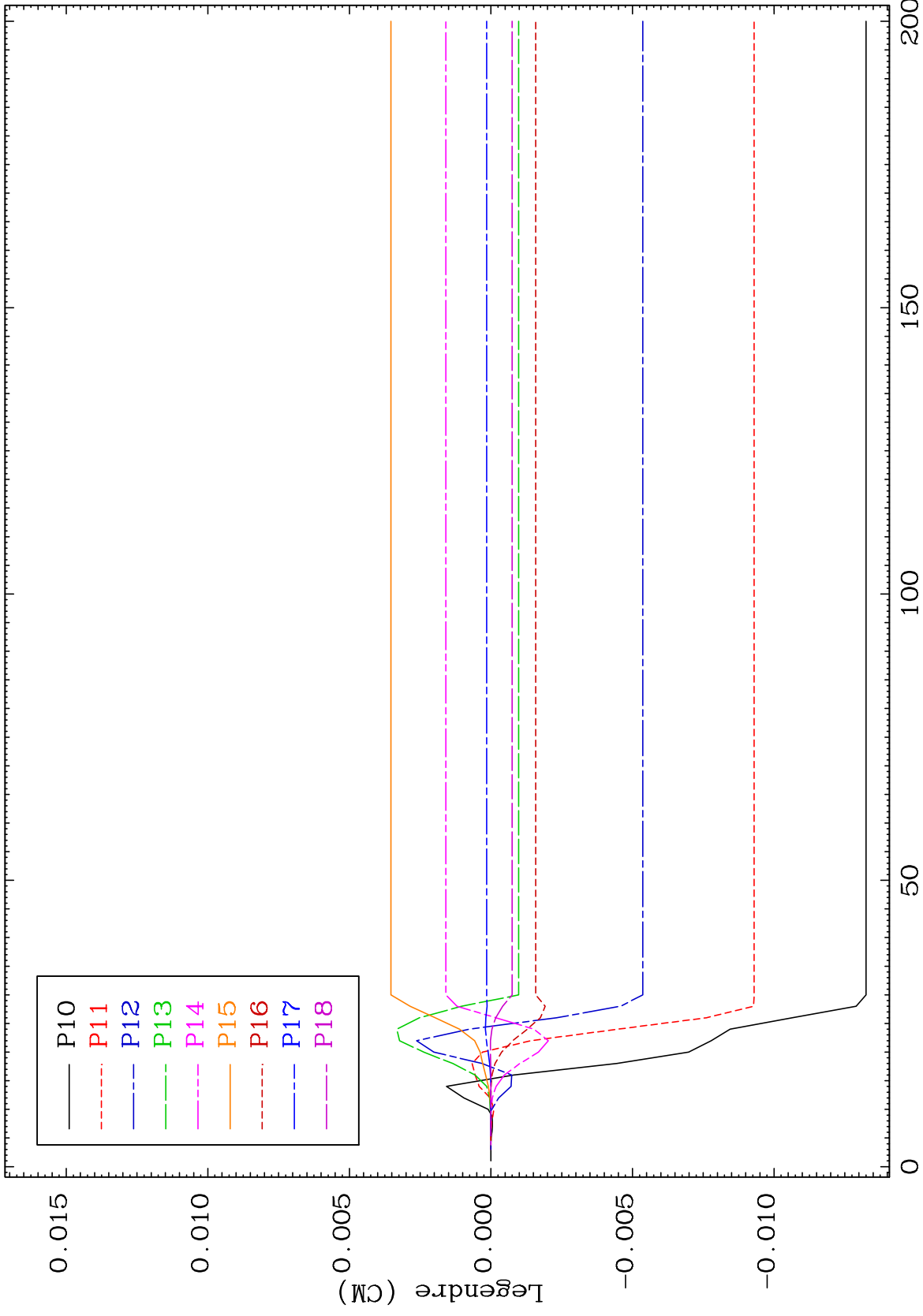


63-Eu-151

MAT 6325

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

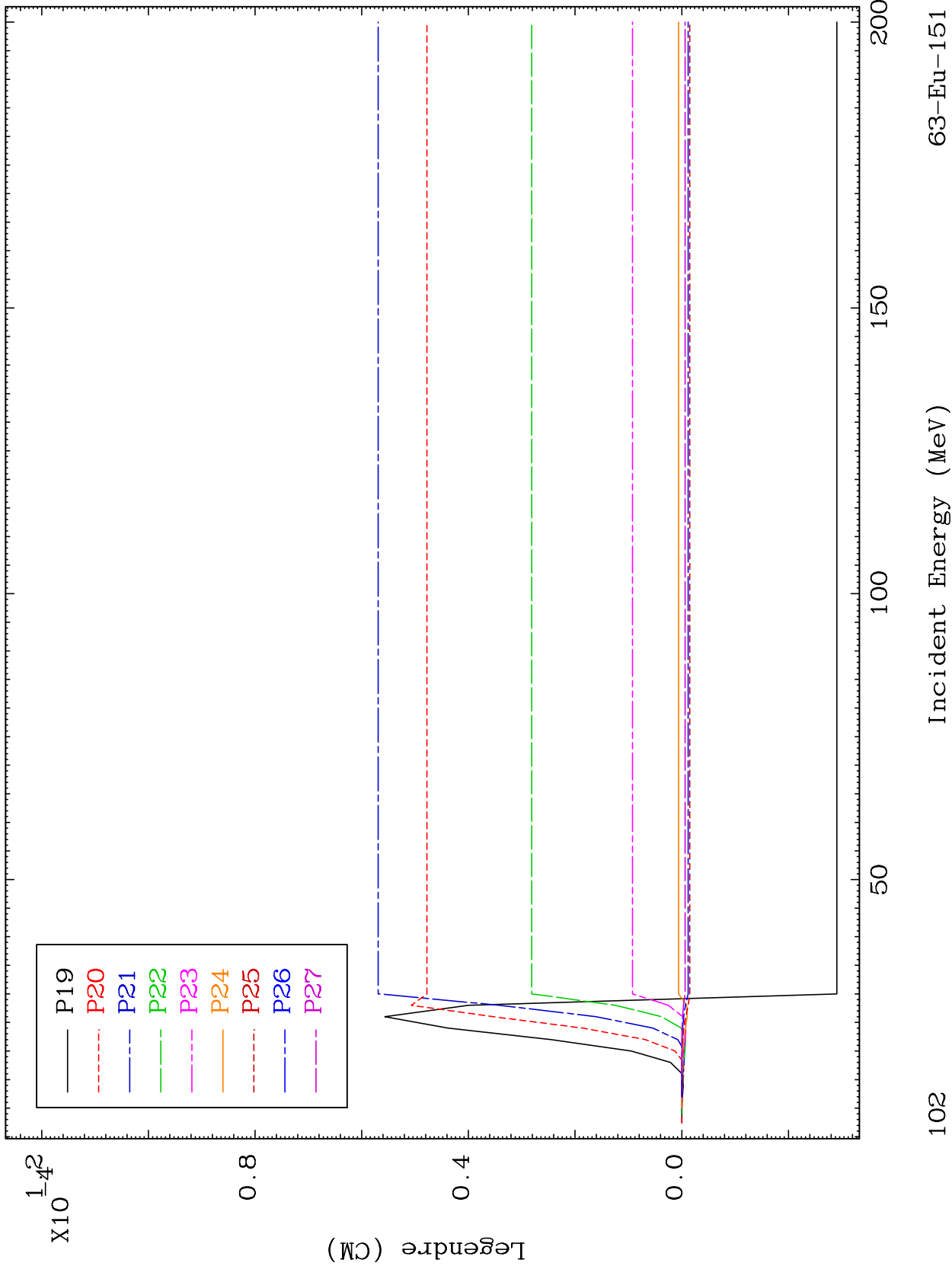
63-Eu-151

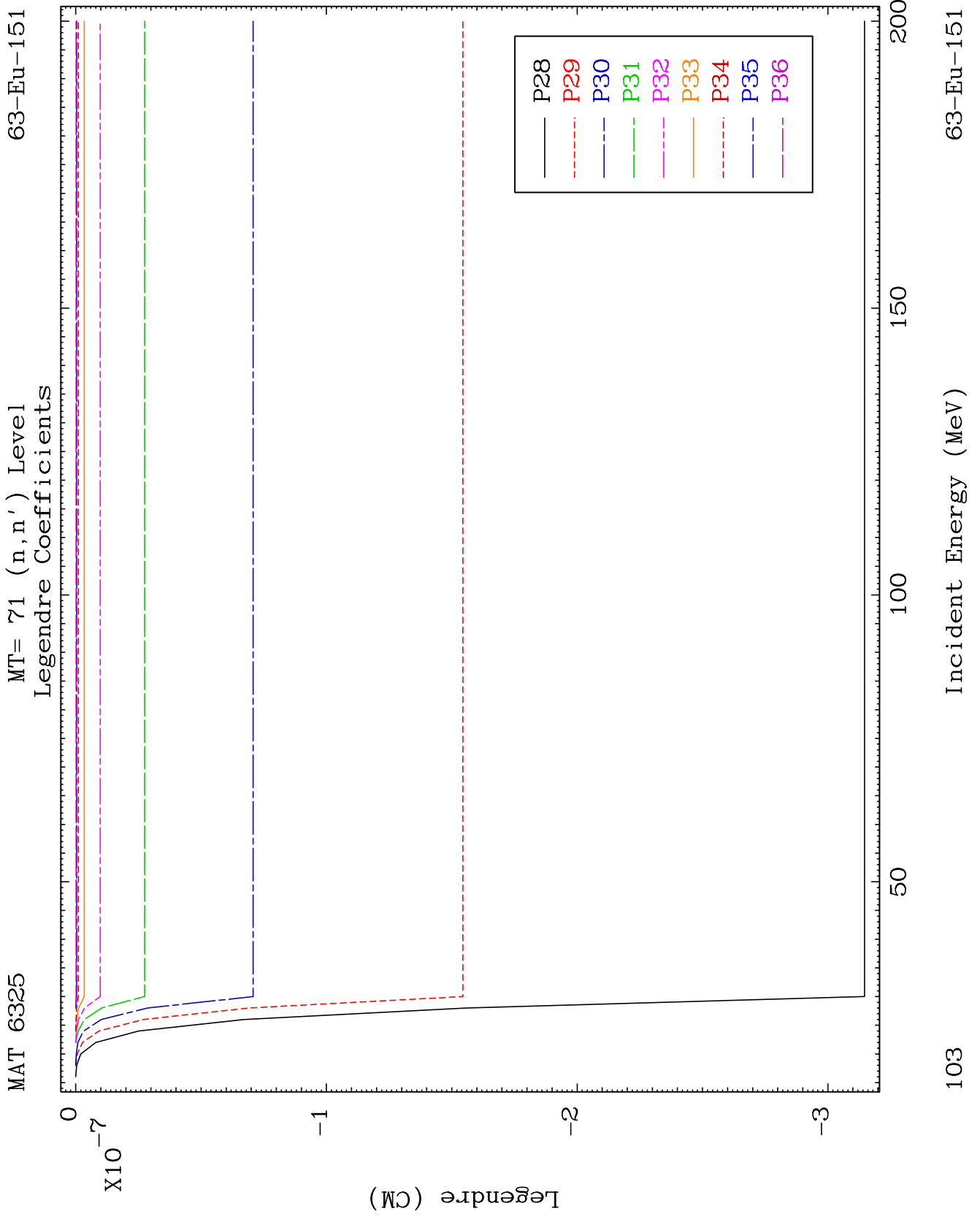


101

Incident Energy (MeV)

63-Eu-151



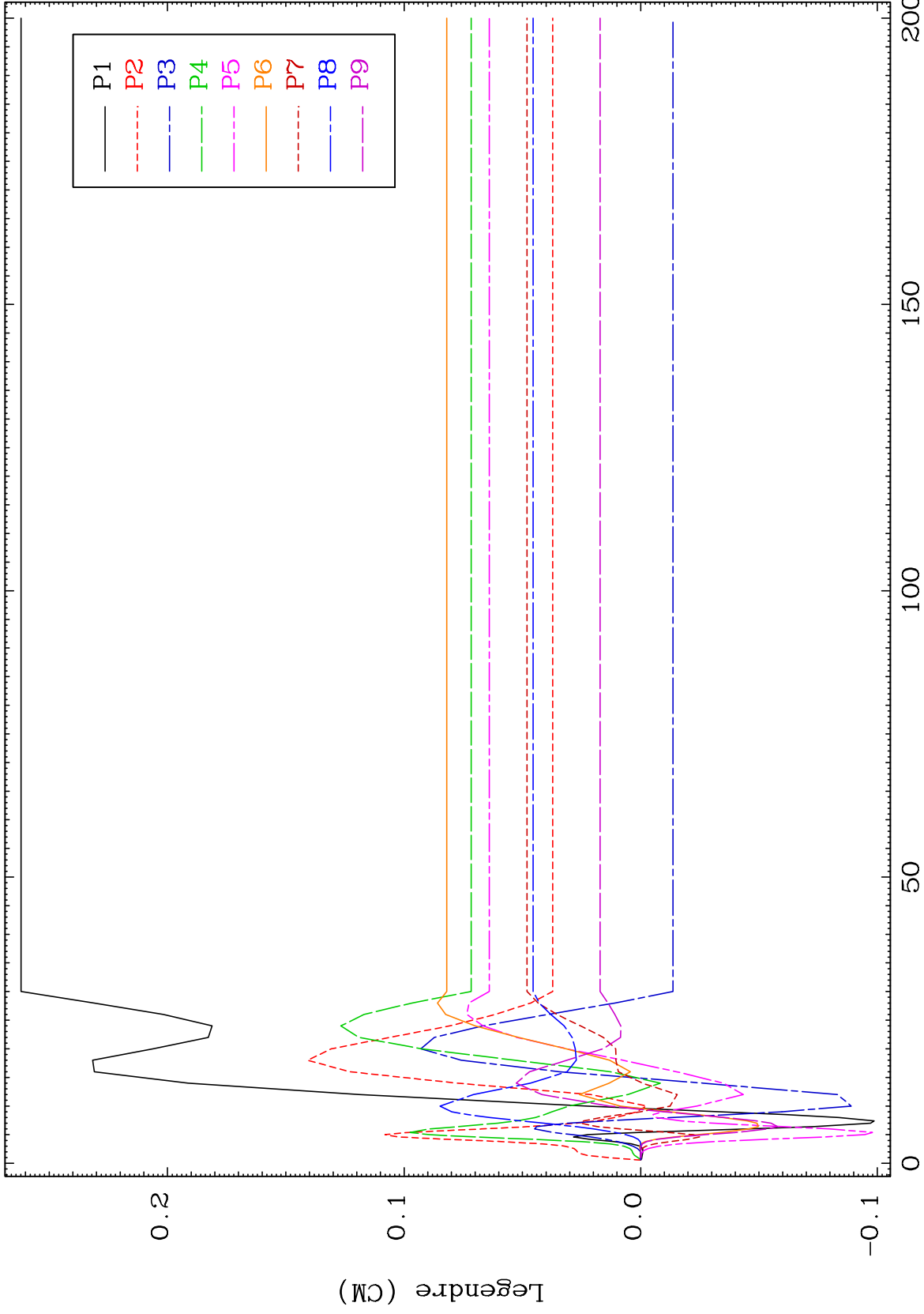




MAT 6325

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

63-Eu-151



104

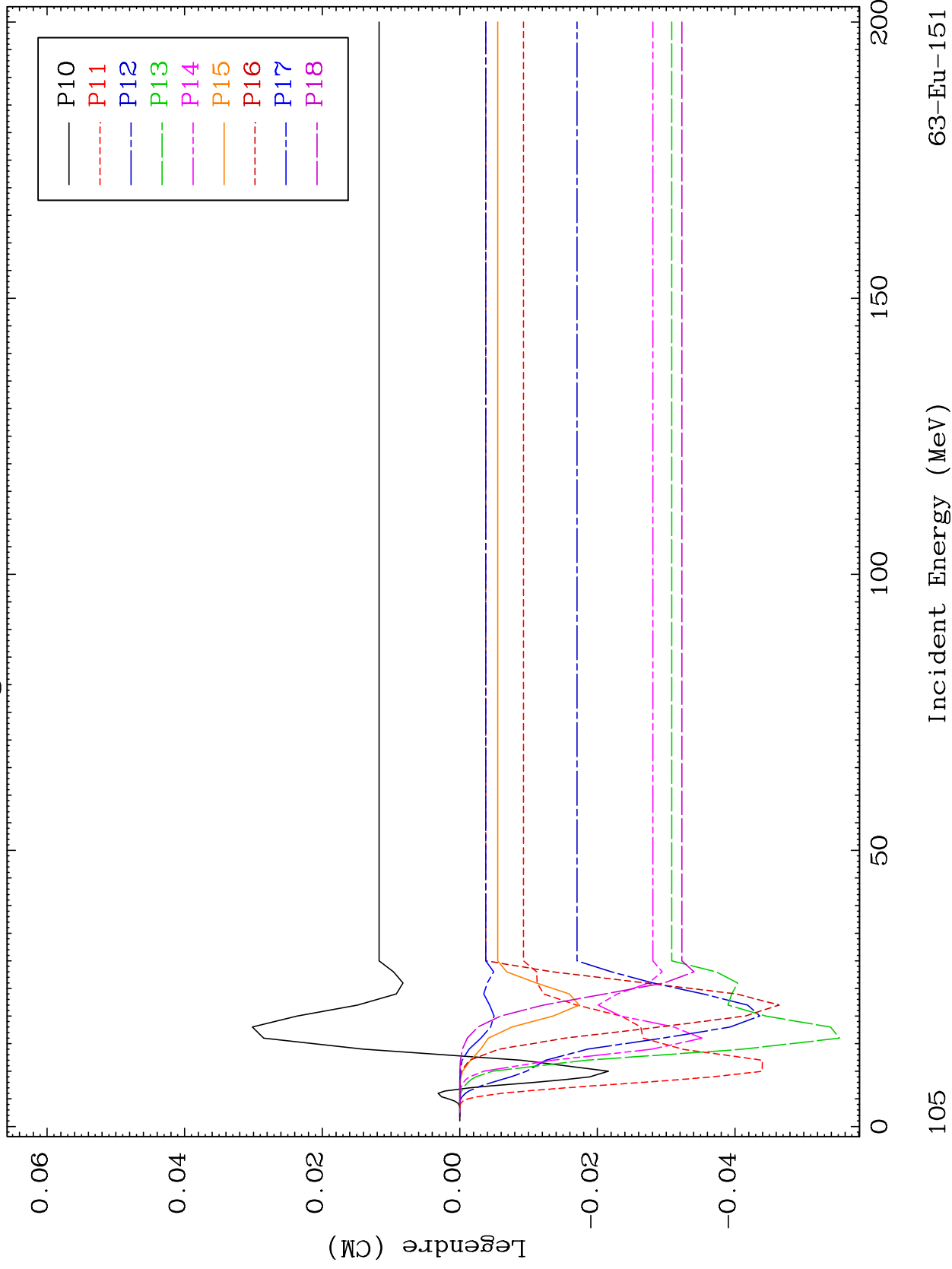
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



63-Eu-151

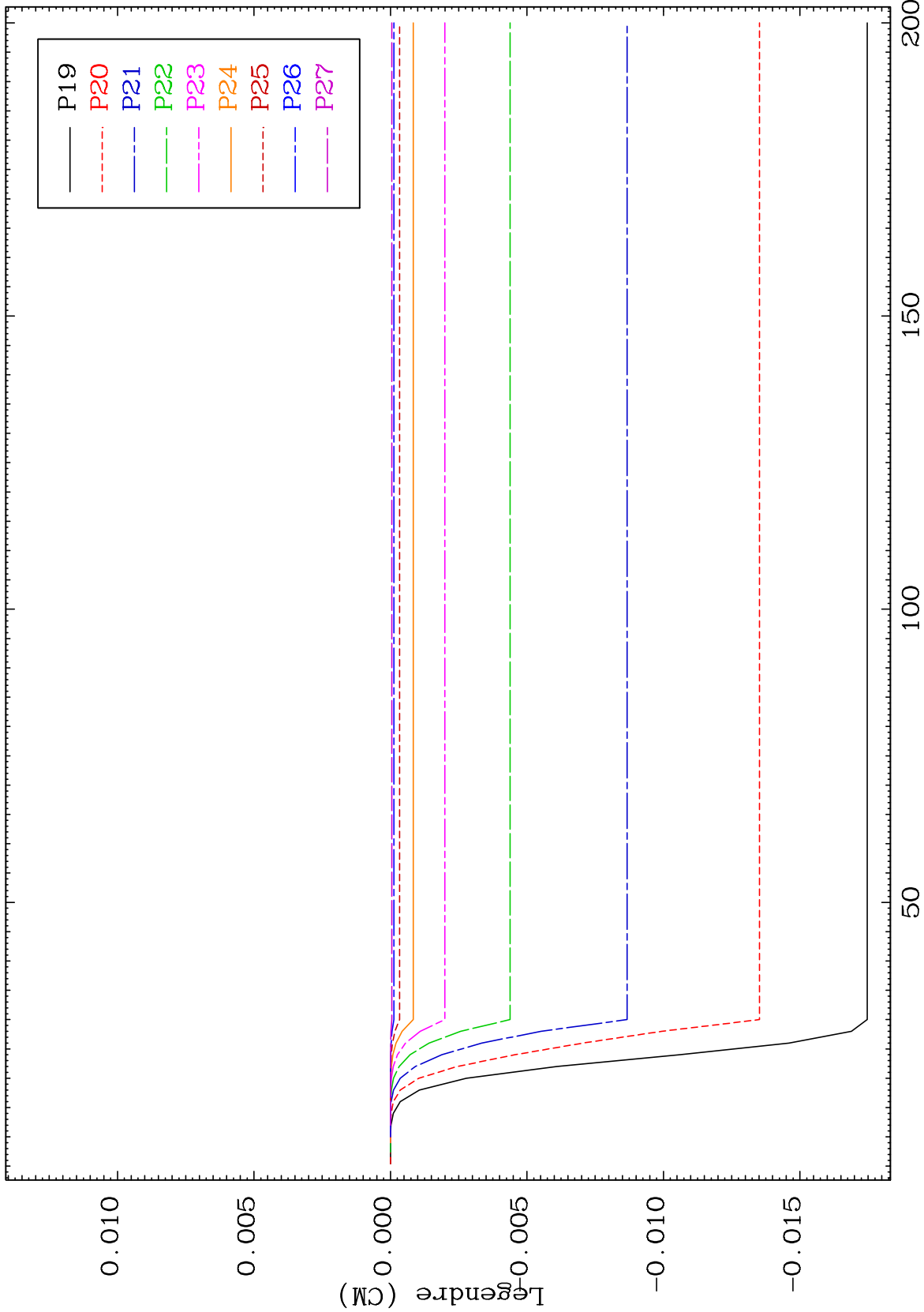
Incident Energy (MeV)

105

MAT 6325

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

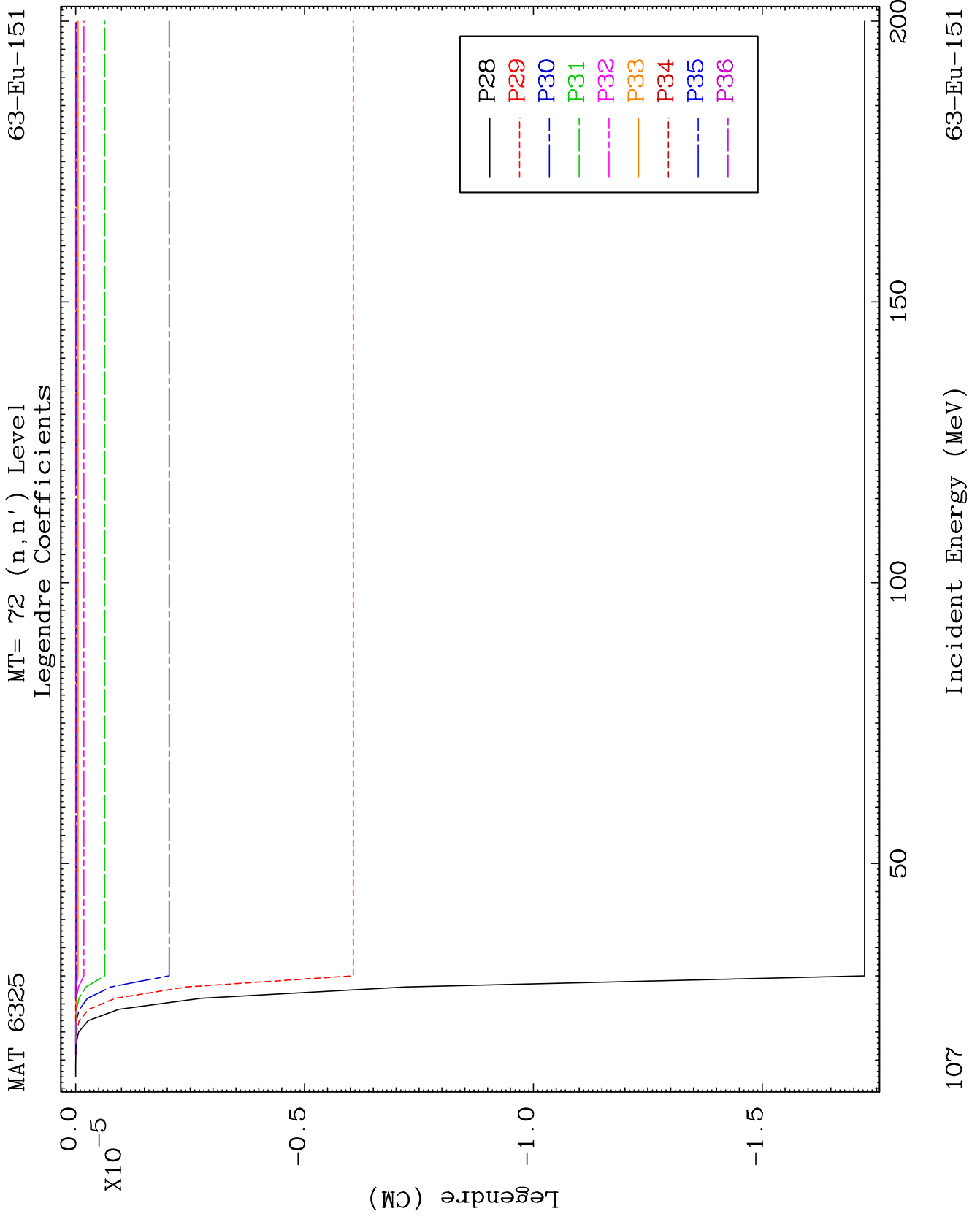
63-Eu-151



106

Incident Energy (MeV)

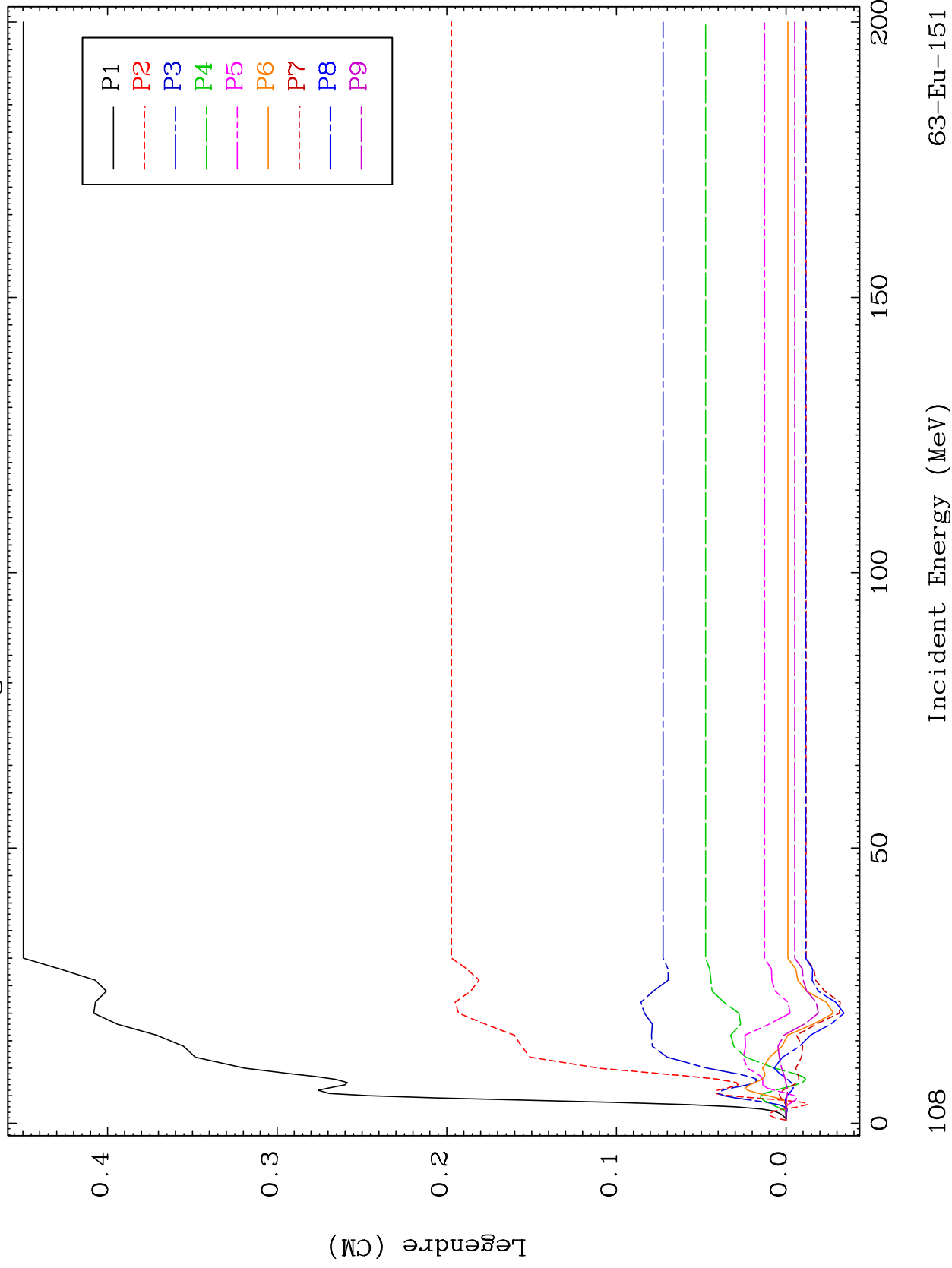
63-Eu-151



MAT 6325

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

63-Eu-151



63-Eu-151

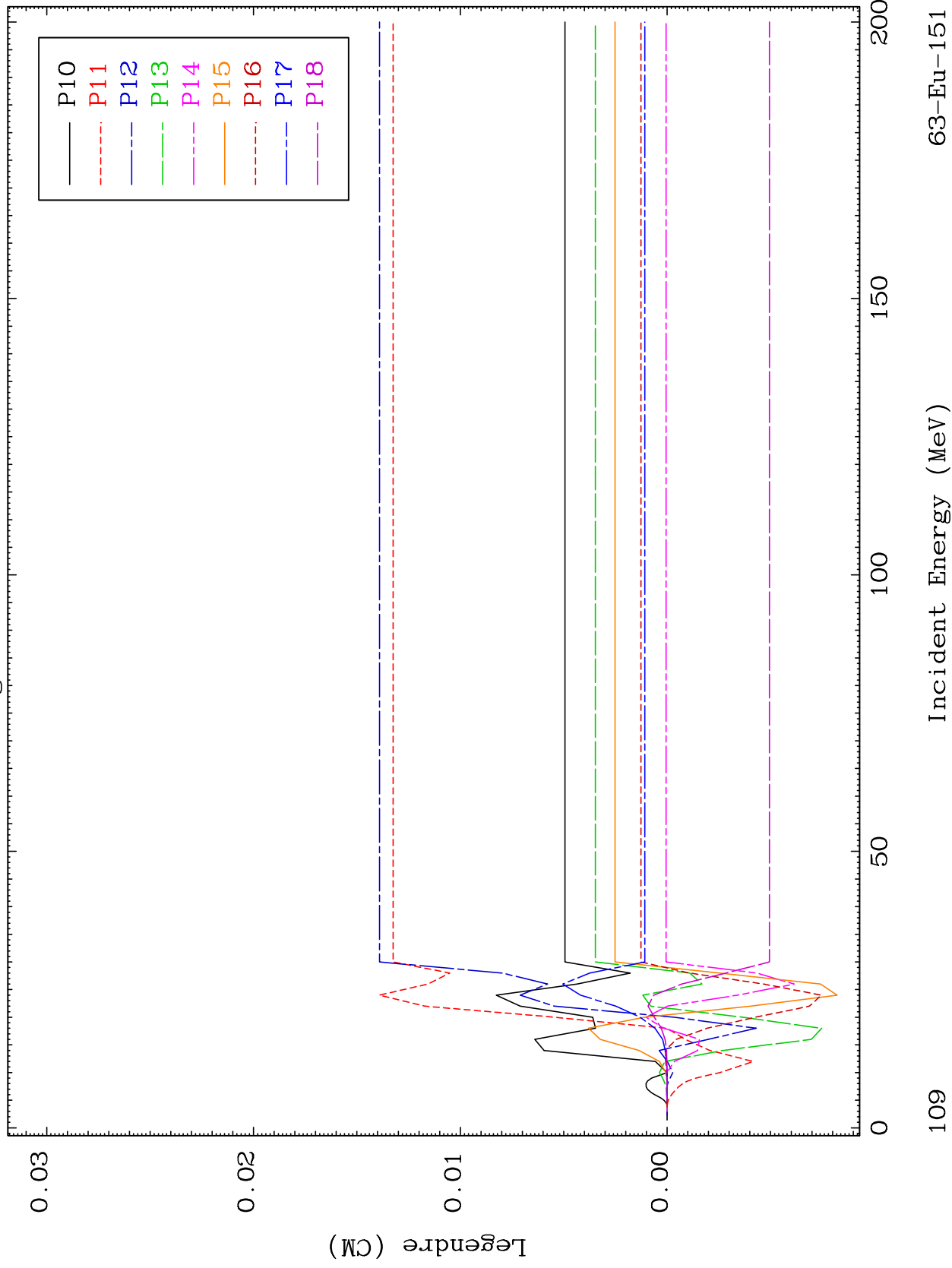
Incident Energy (MeV)

108

MAT 6325

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

63-Eu-151



63-Eu-151

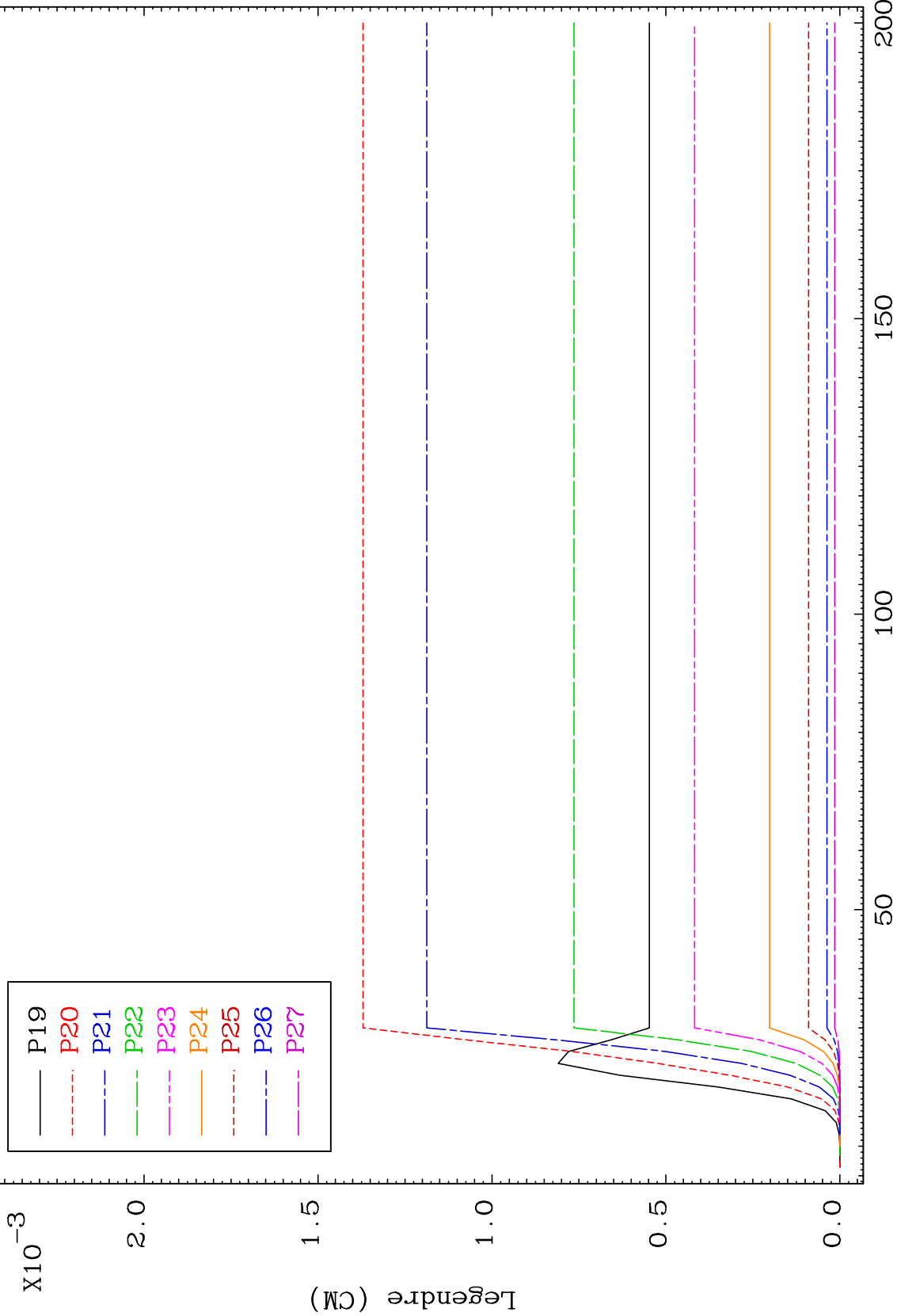
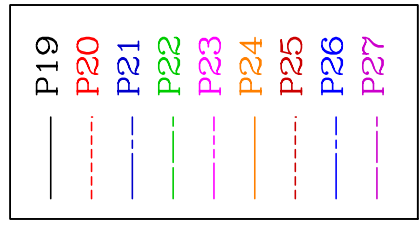
Incident Energy (MeV)

109

MAT 6325

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

63-Eu-151



110

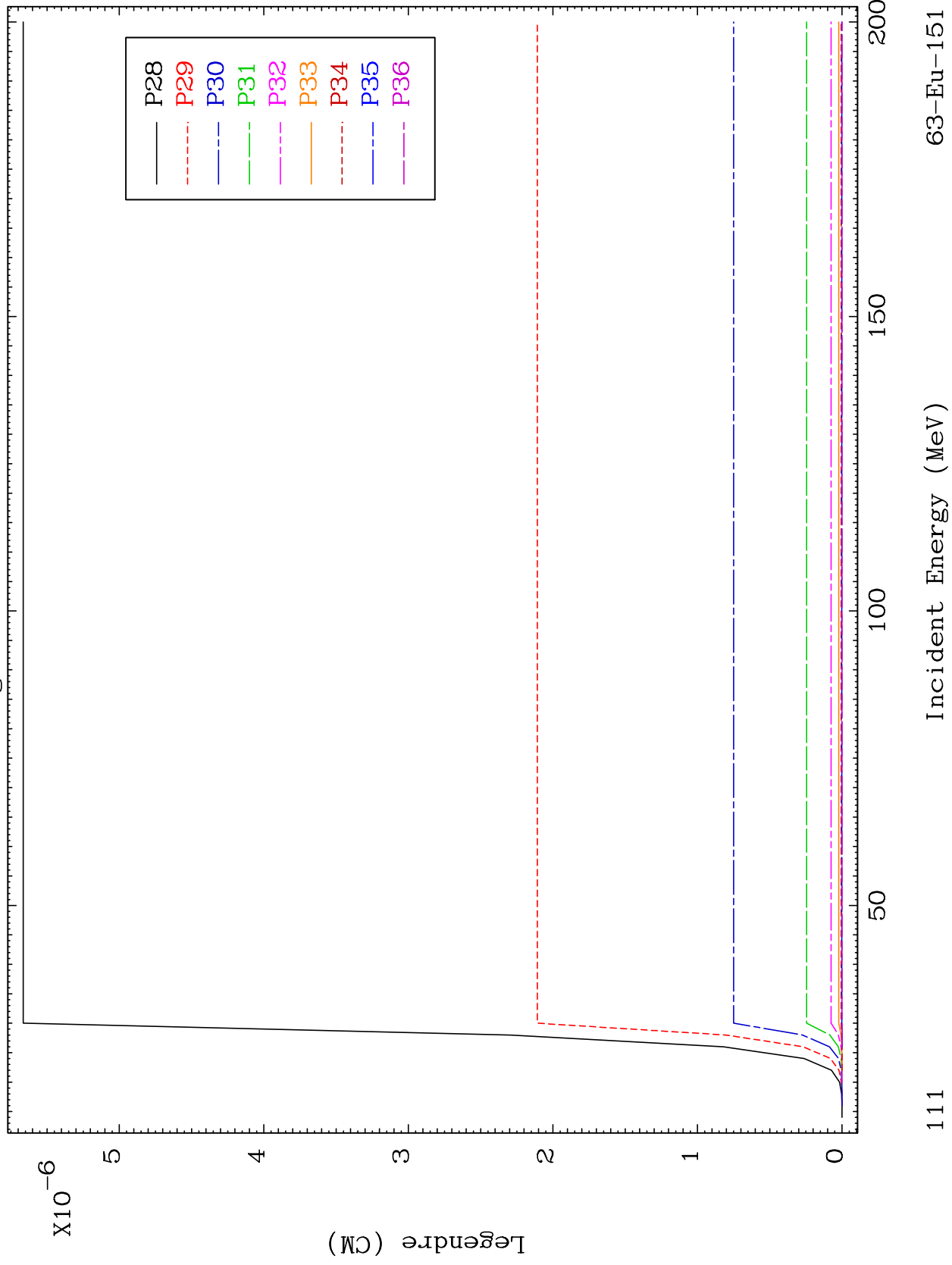
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151

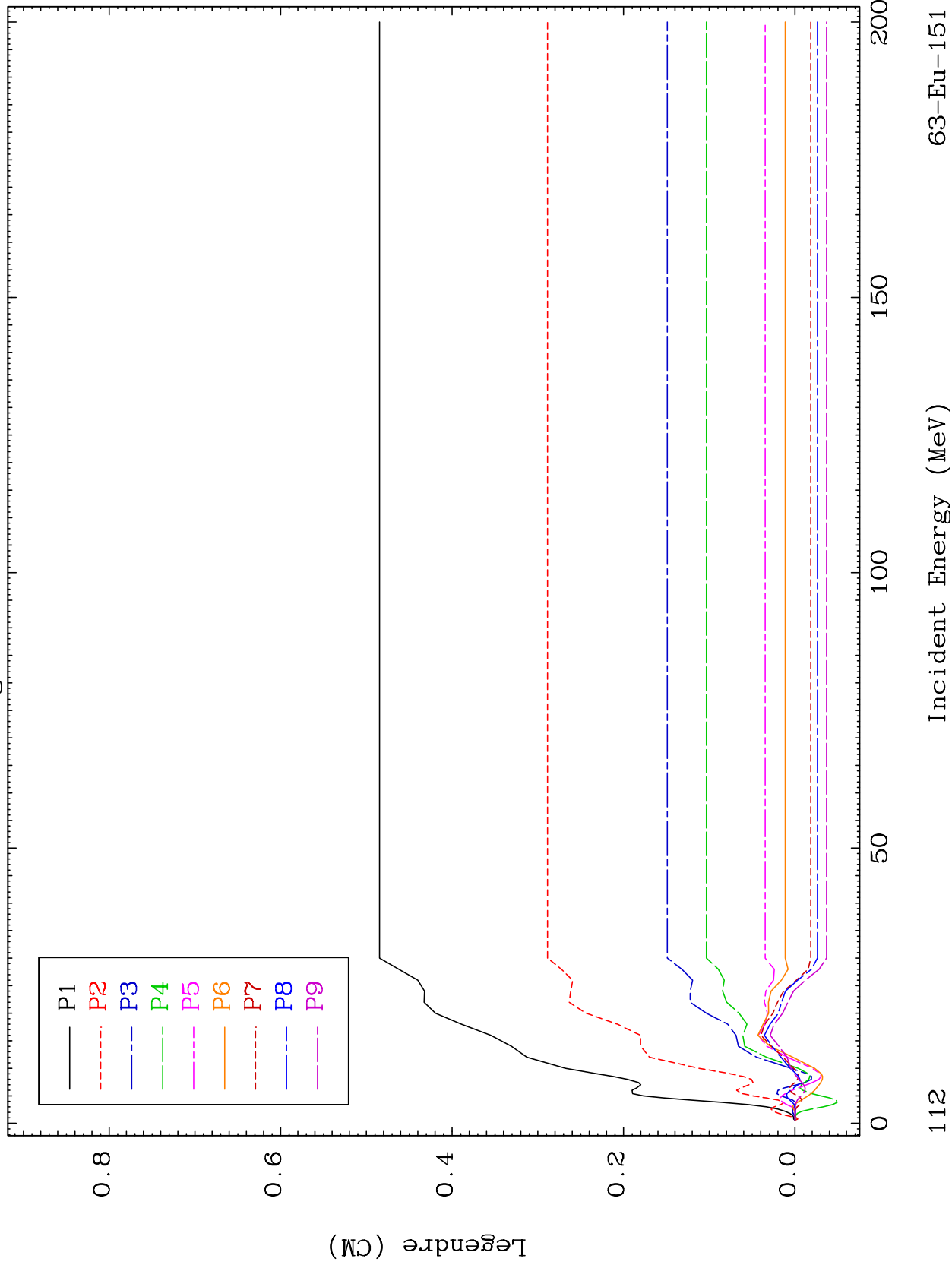




MAT 6325

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

63-Eu-151

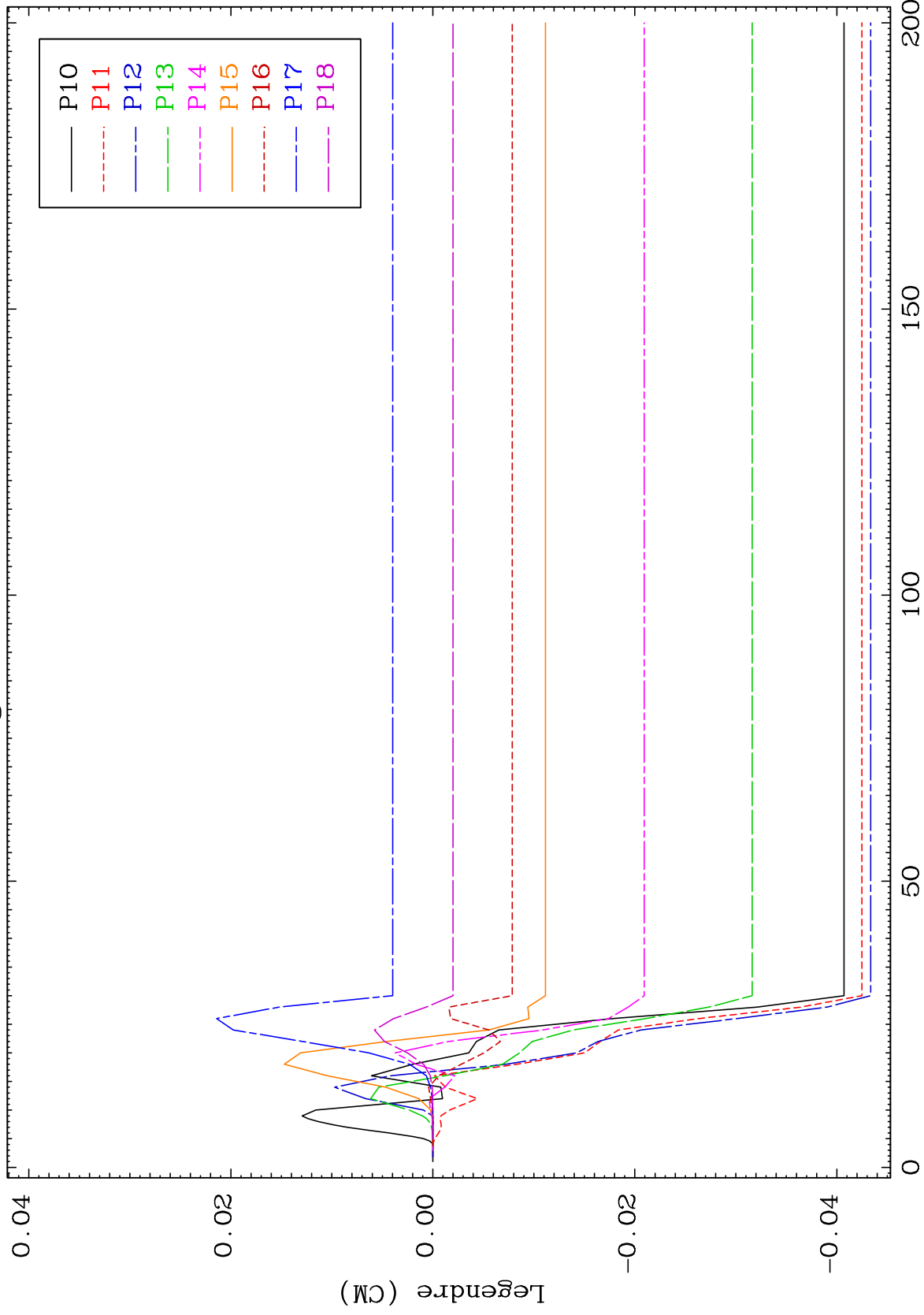


112

MAT 6325

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

63-Eu-151



113

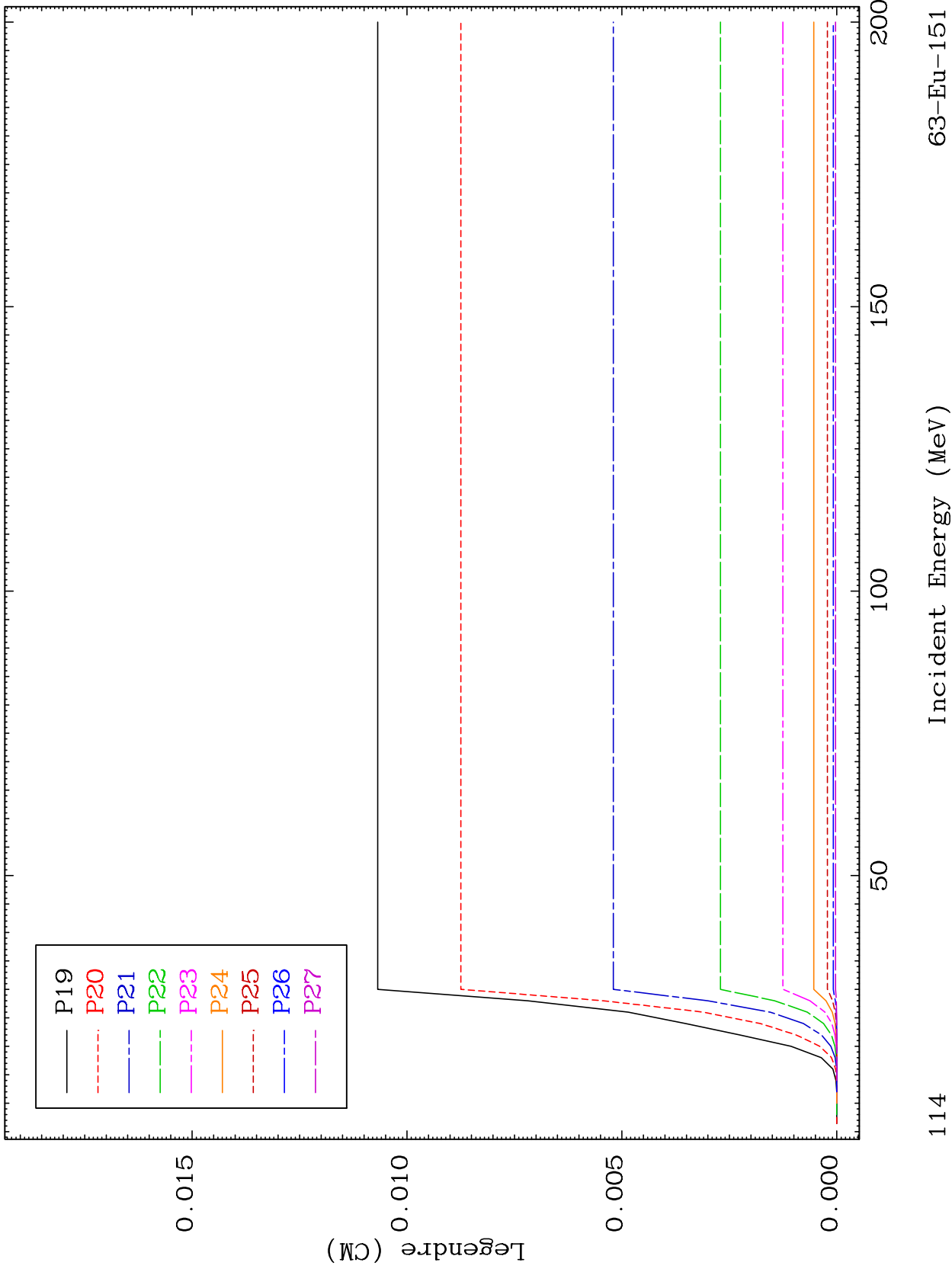
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



114

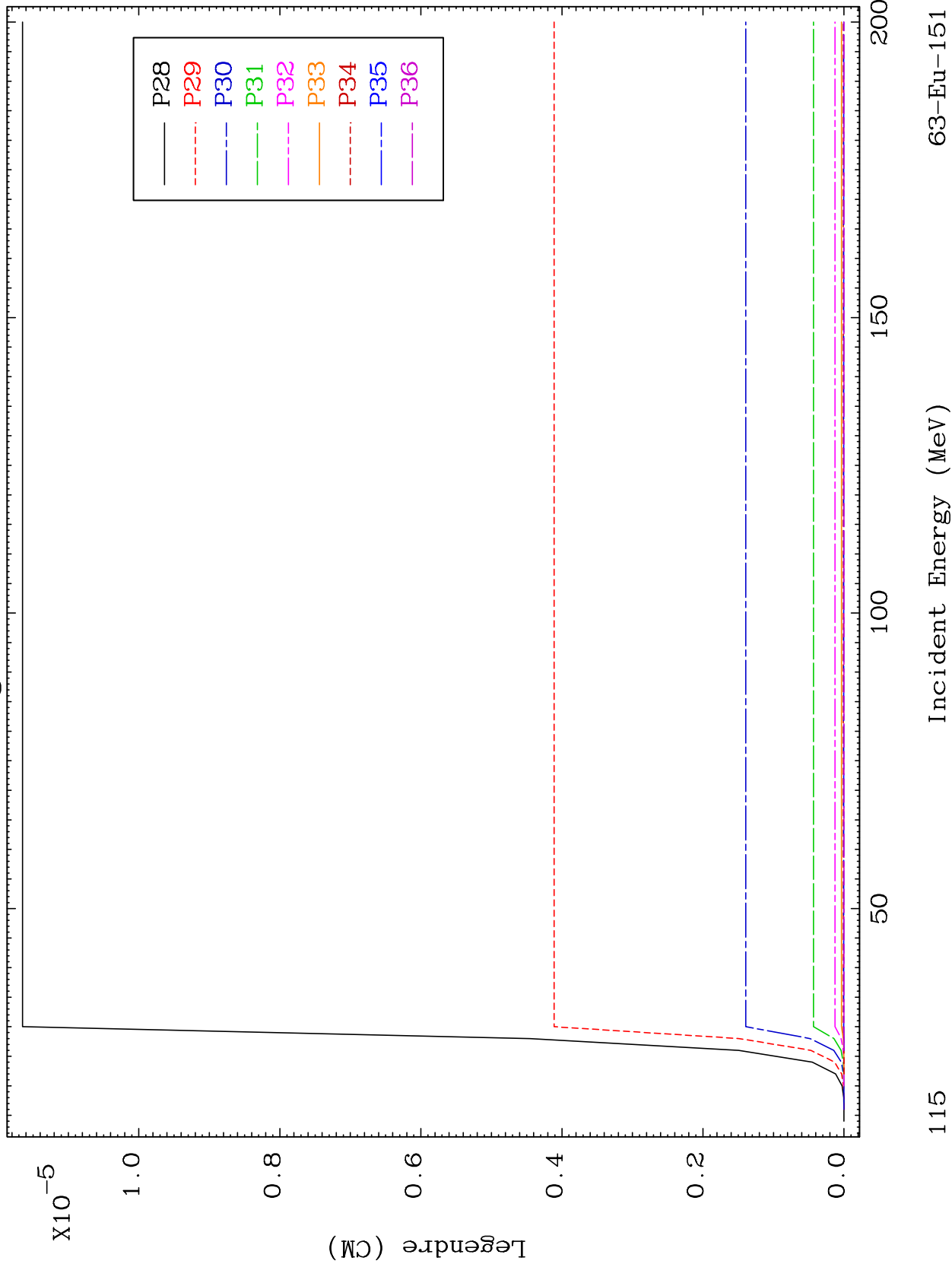
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



63-Eu-151

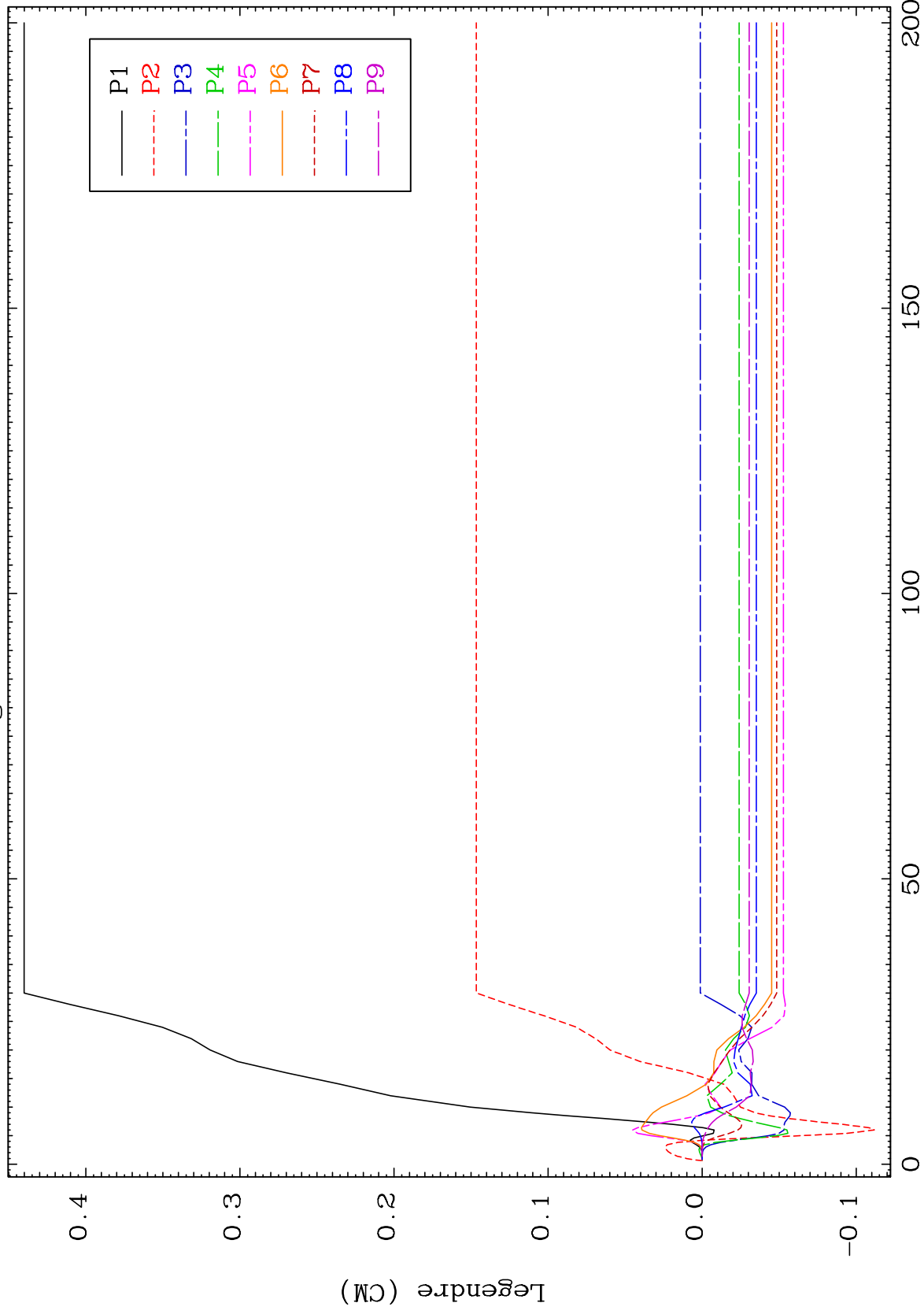
Incident Energy (MeV)

115

MAT 6325

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

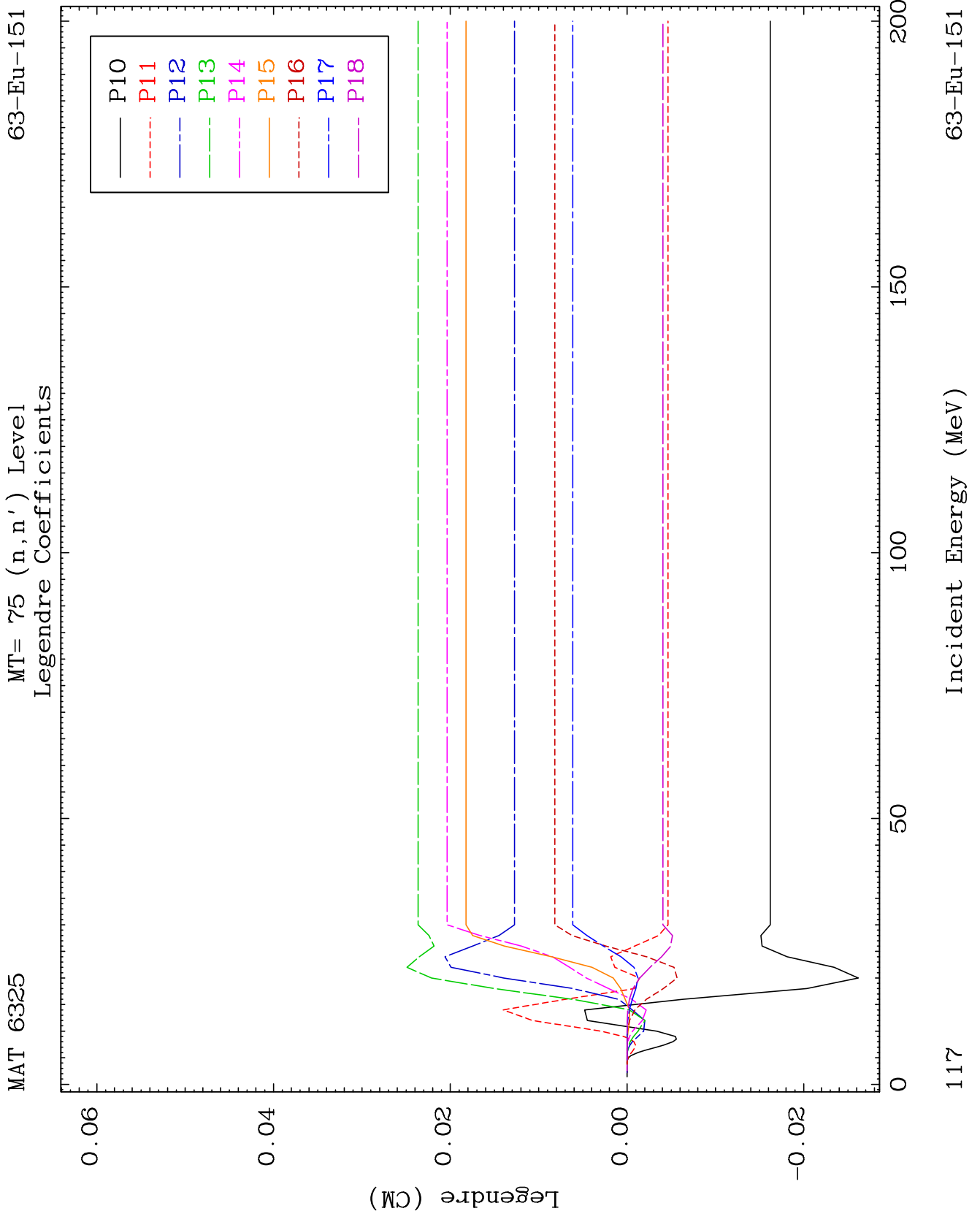
63-Eu-151



116

Incident Energy (MeV)

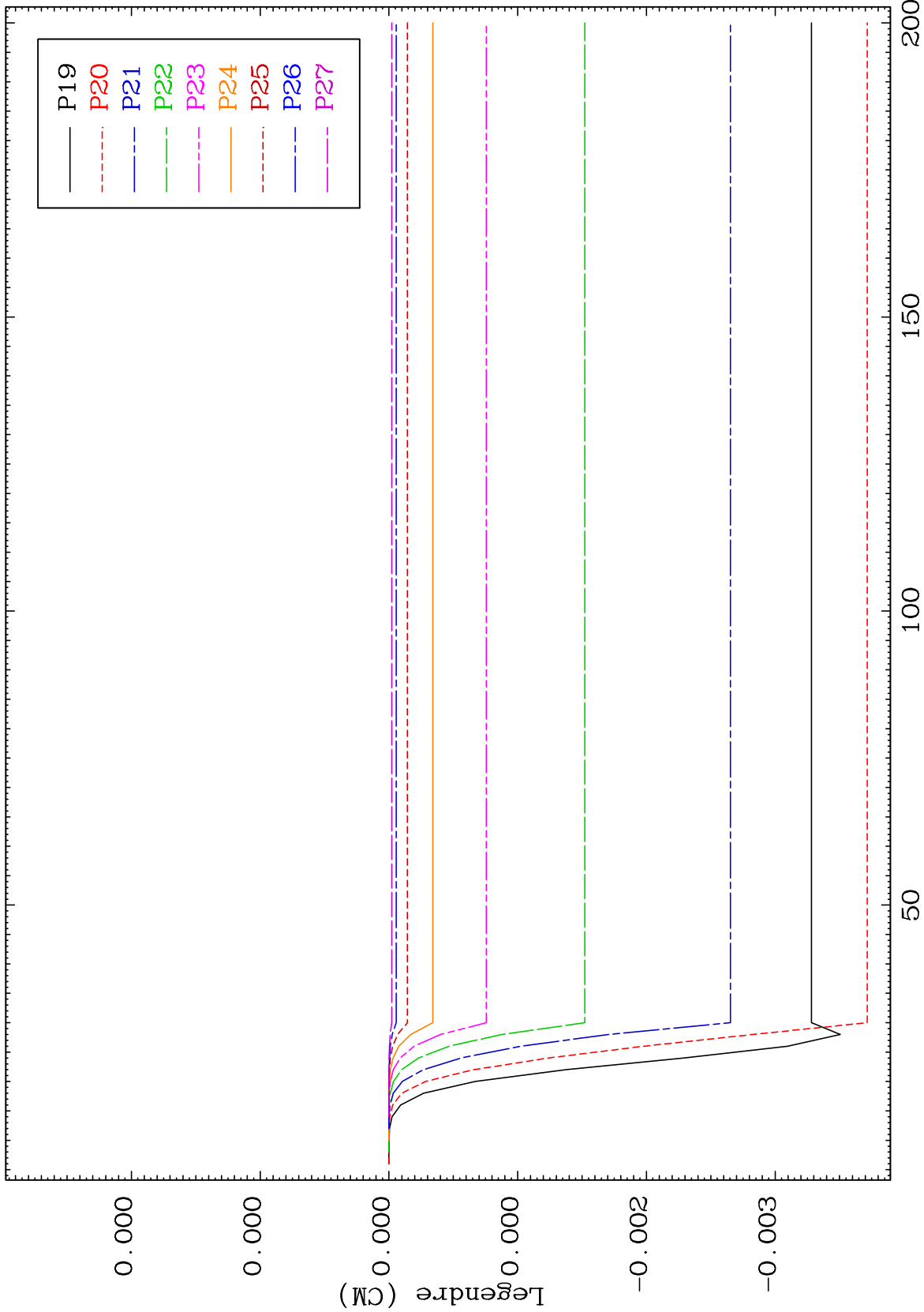
63-Eu-151



MAT 6325

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

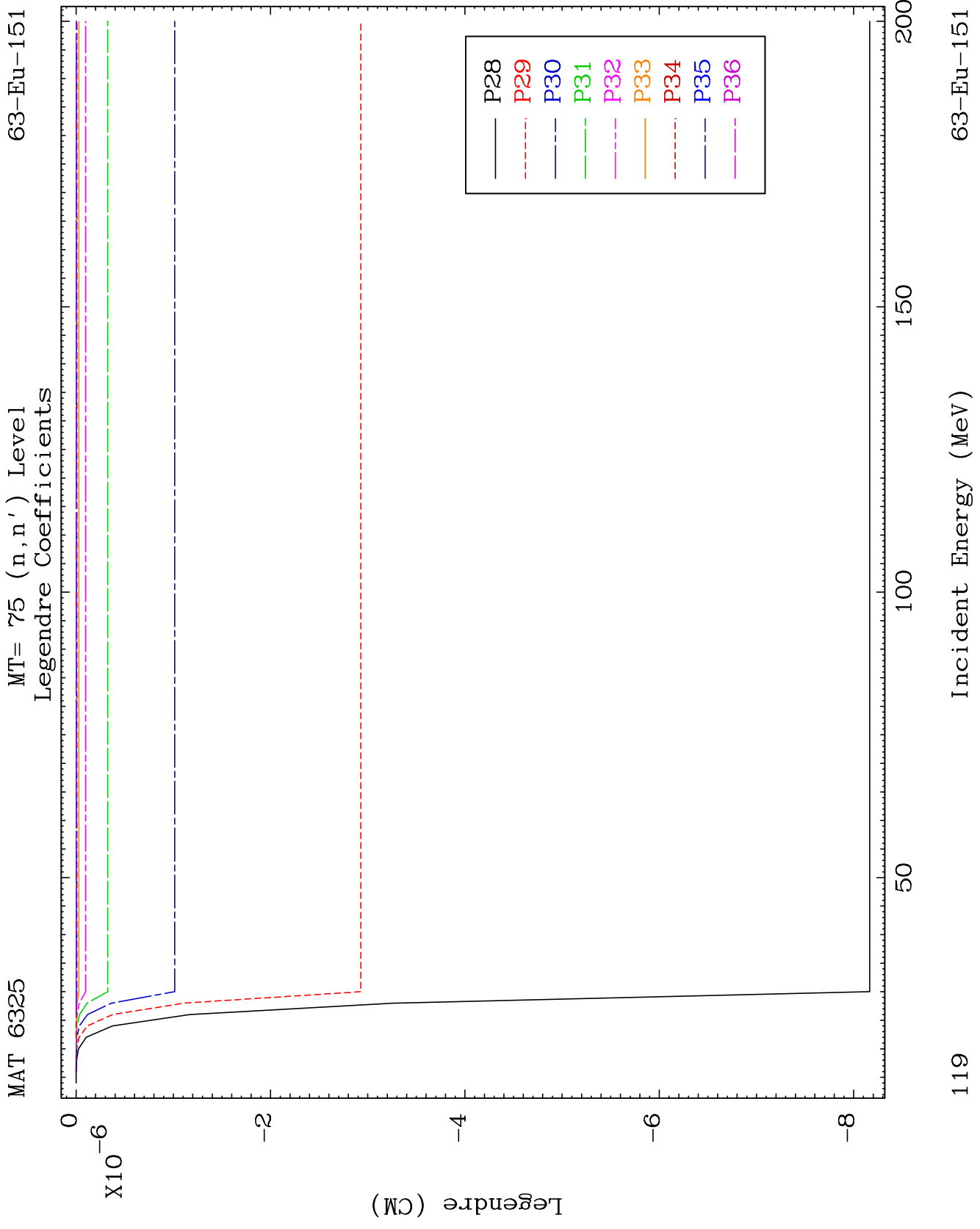
63-Eu-151



118

Incident Energy (MeV)

63-Eu-151

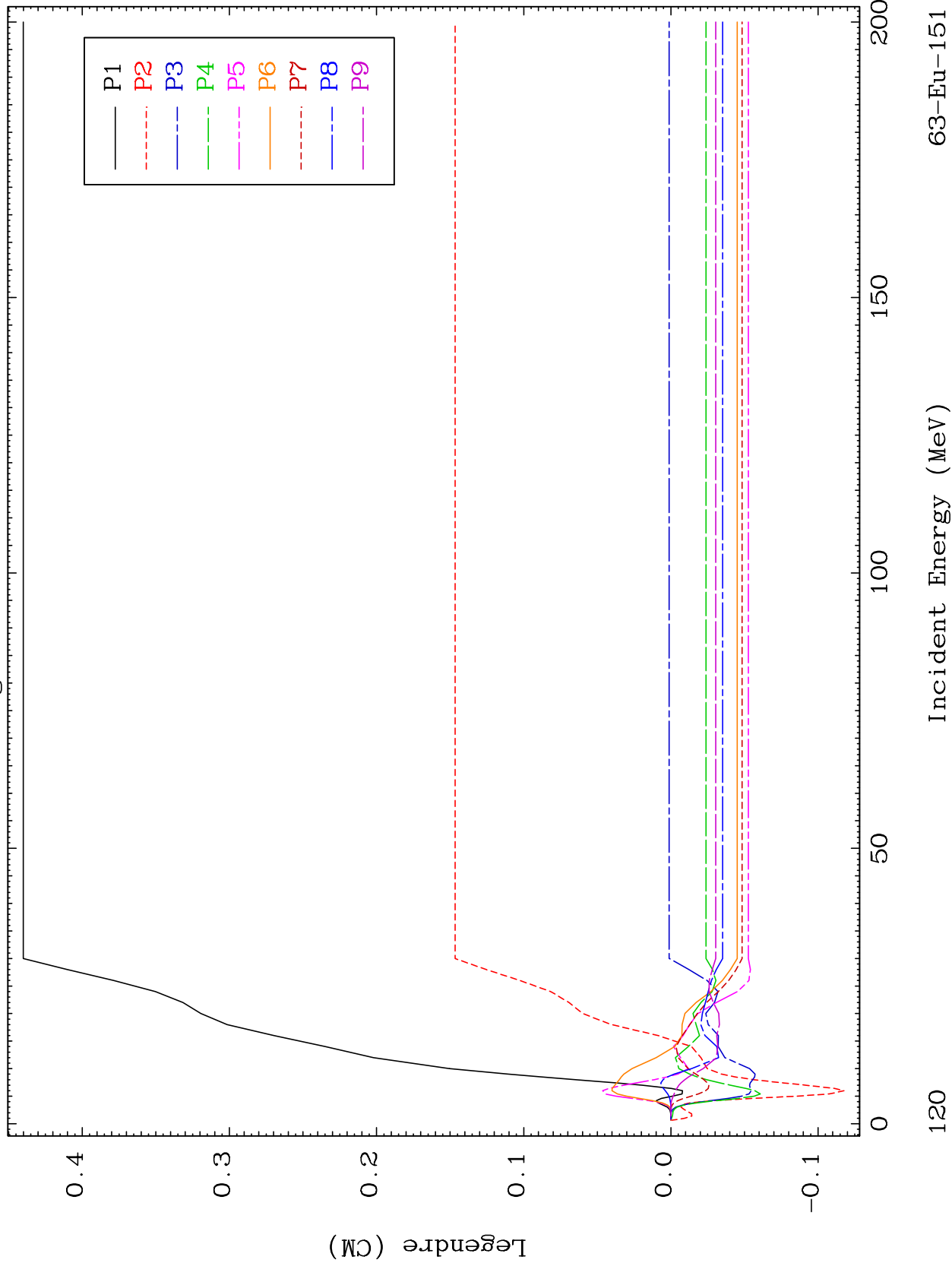




MAT 6325

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

63-Eu-151

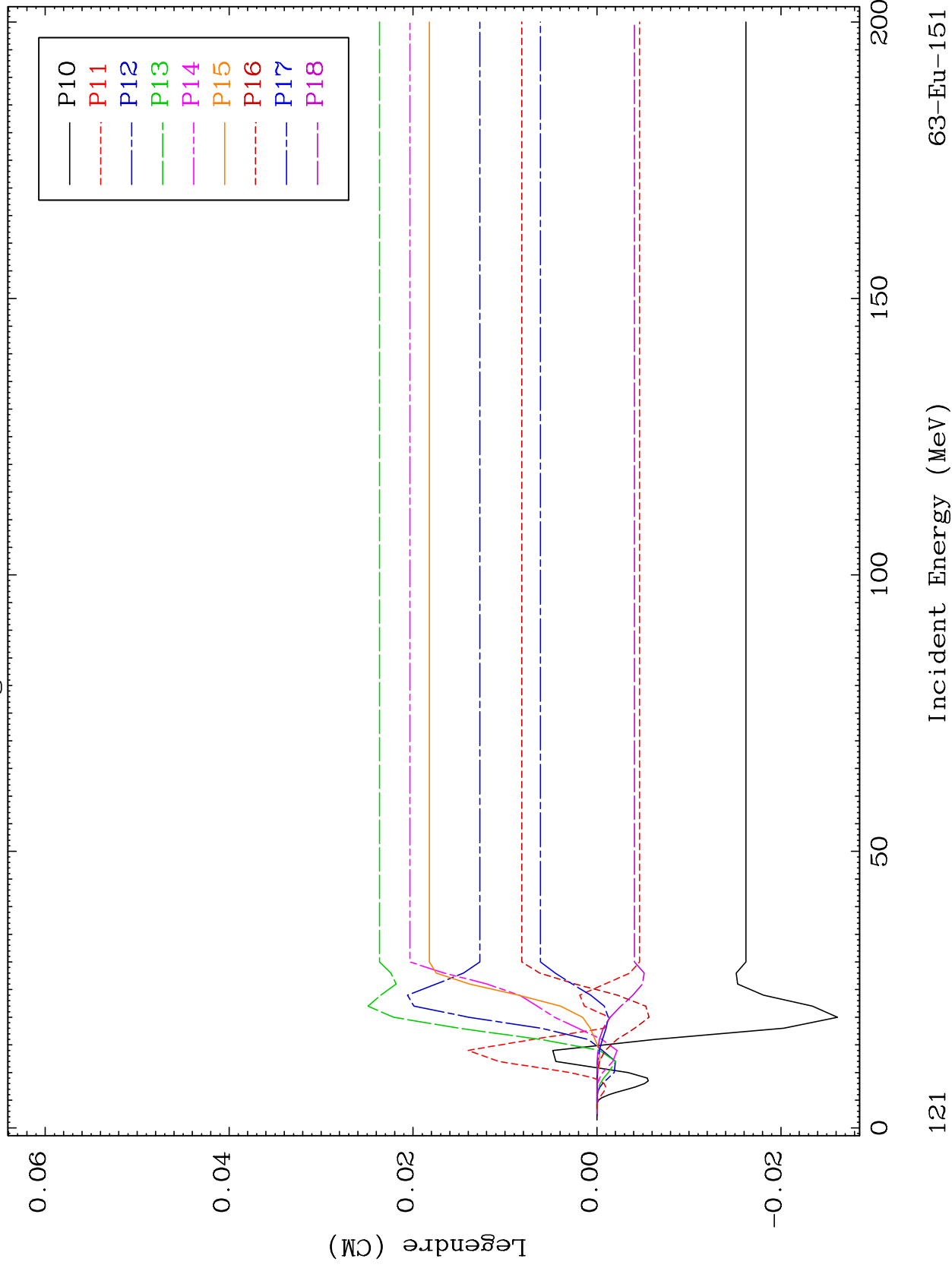


63-Eu-151

MAT 6325

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

63-Eu-151



63-Eu-151

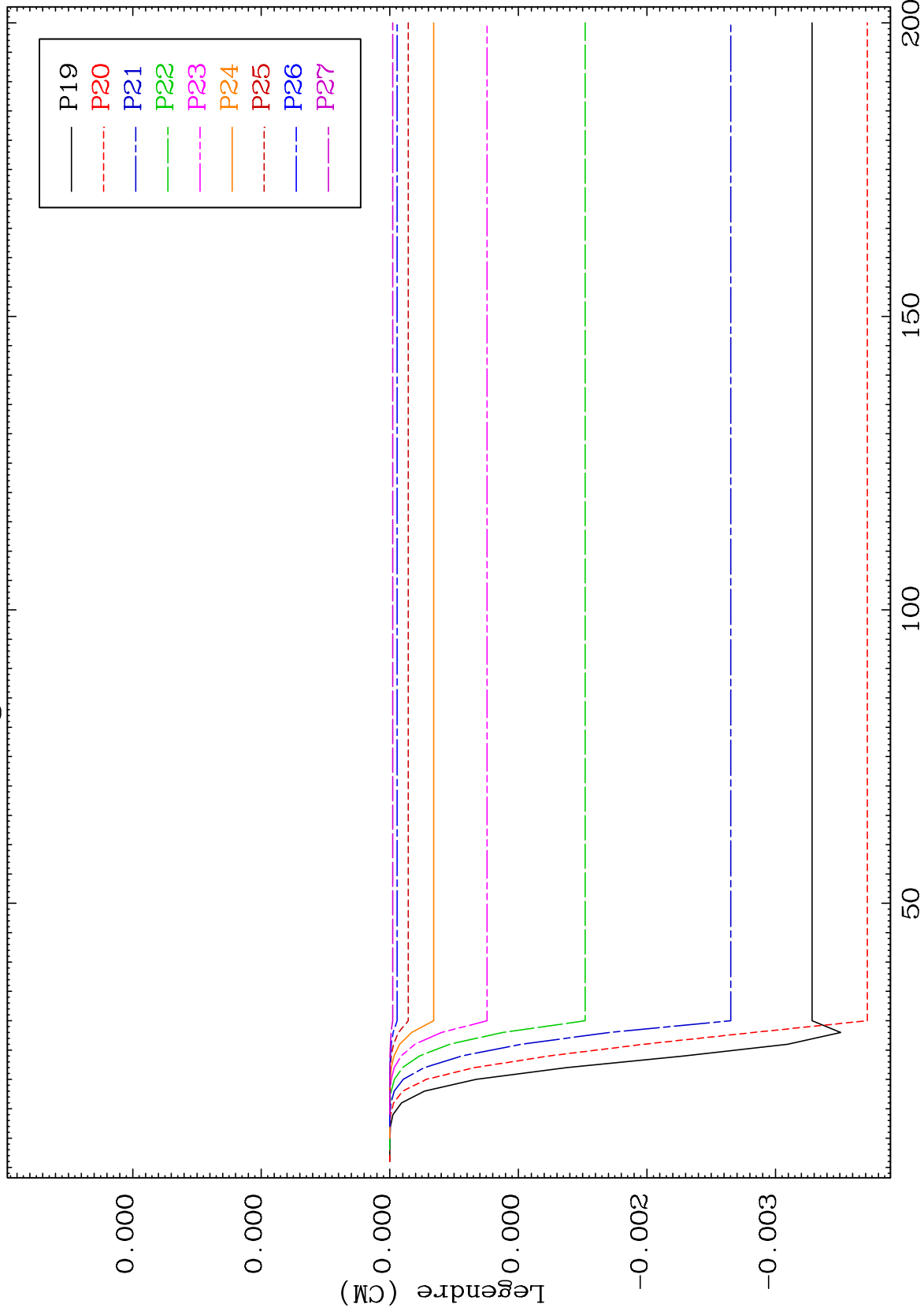
Incident Energy (MeV)

121

MAT 6325

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

63-Eu-151



122

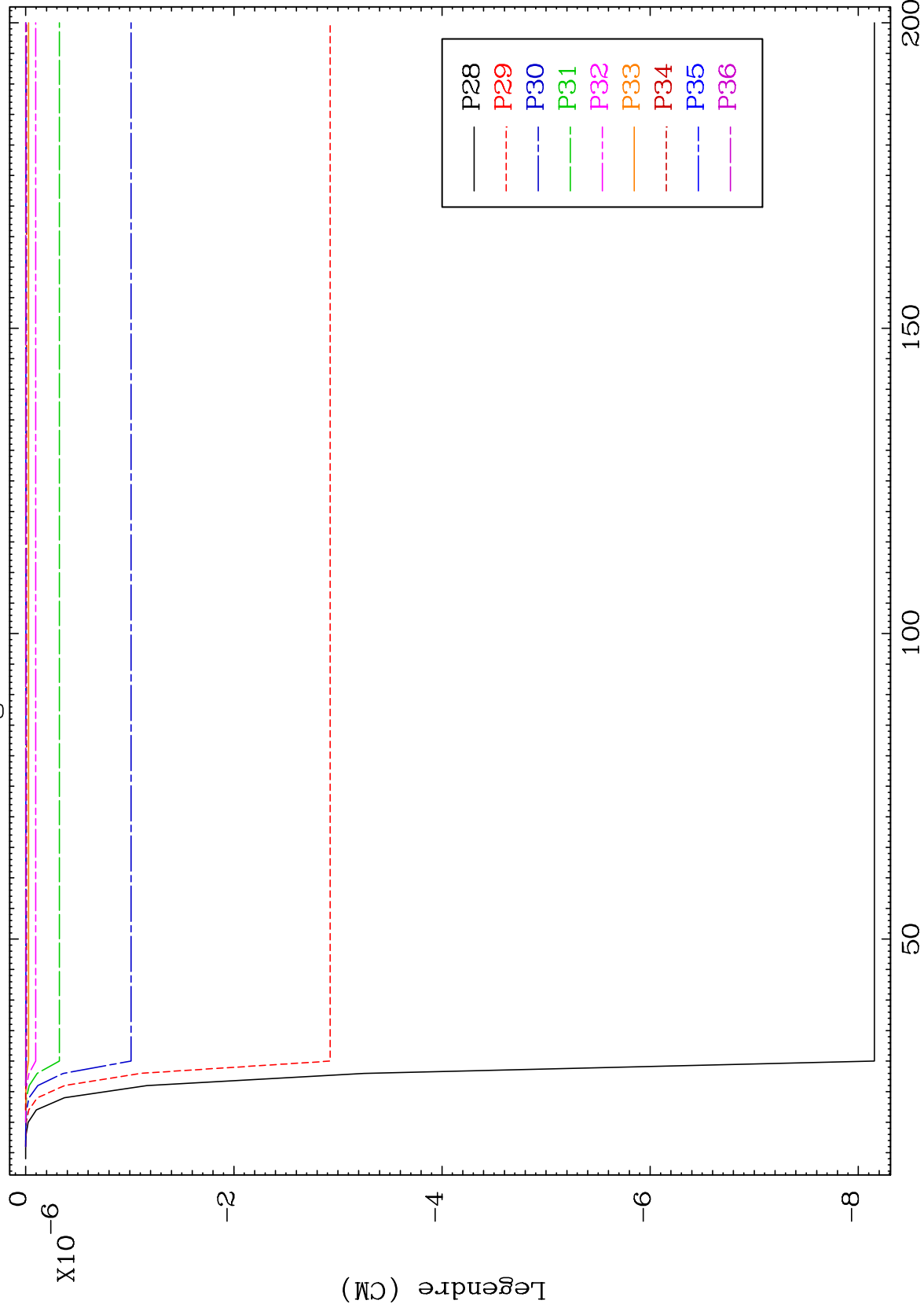
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



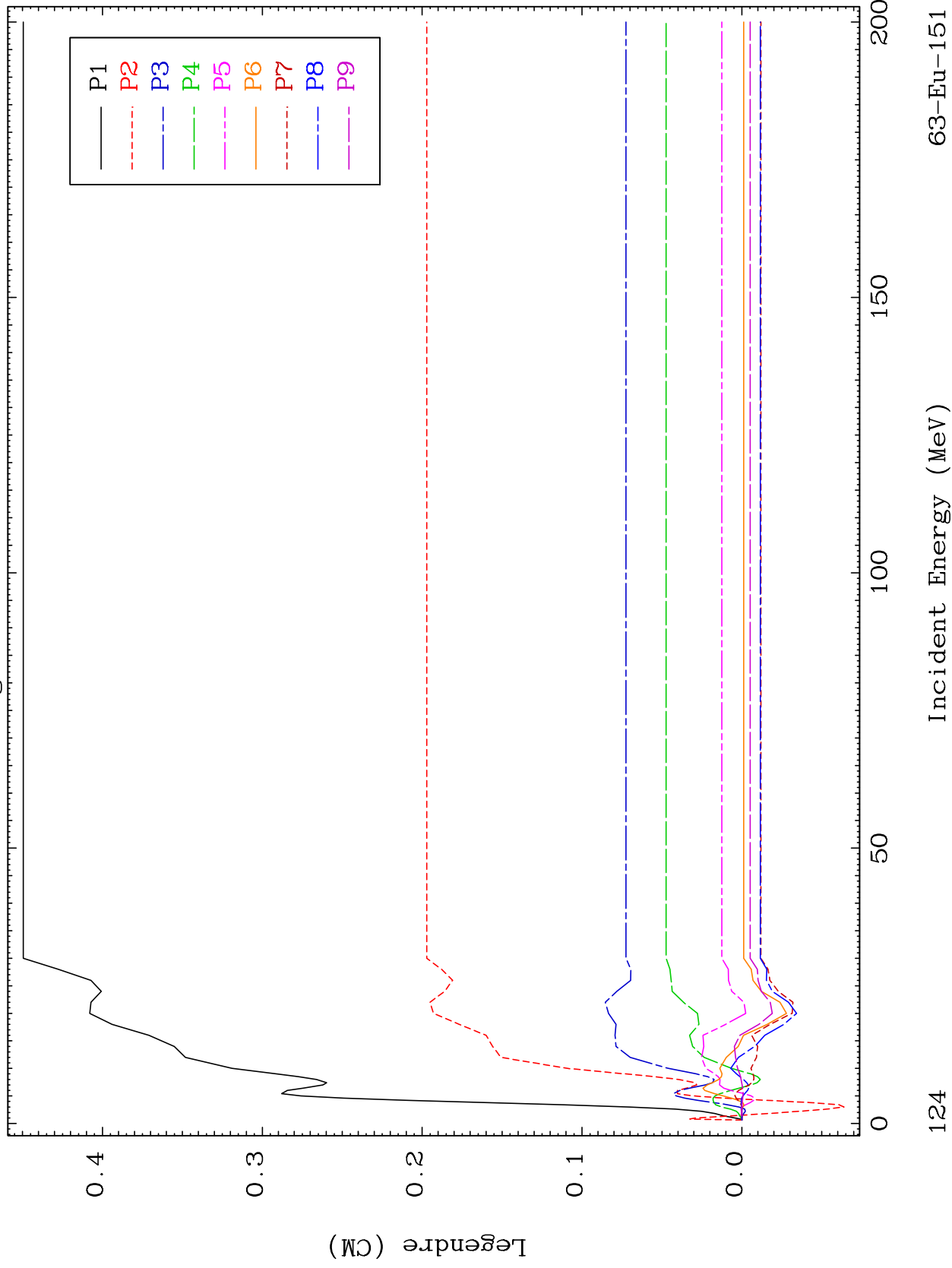
123

63-Eu-151

MAT 6325

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

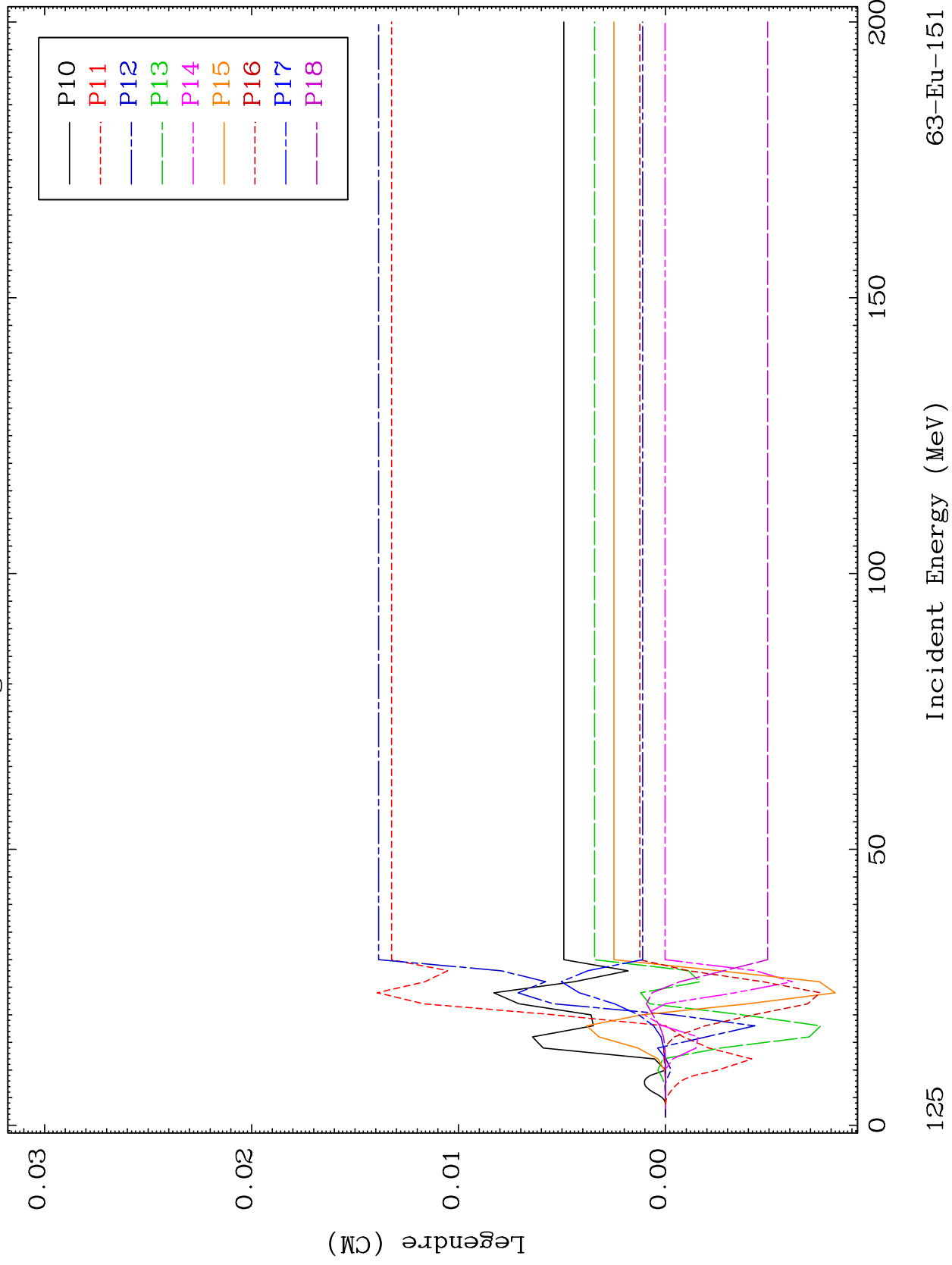
63-Eu-151



MAT 6325

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

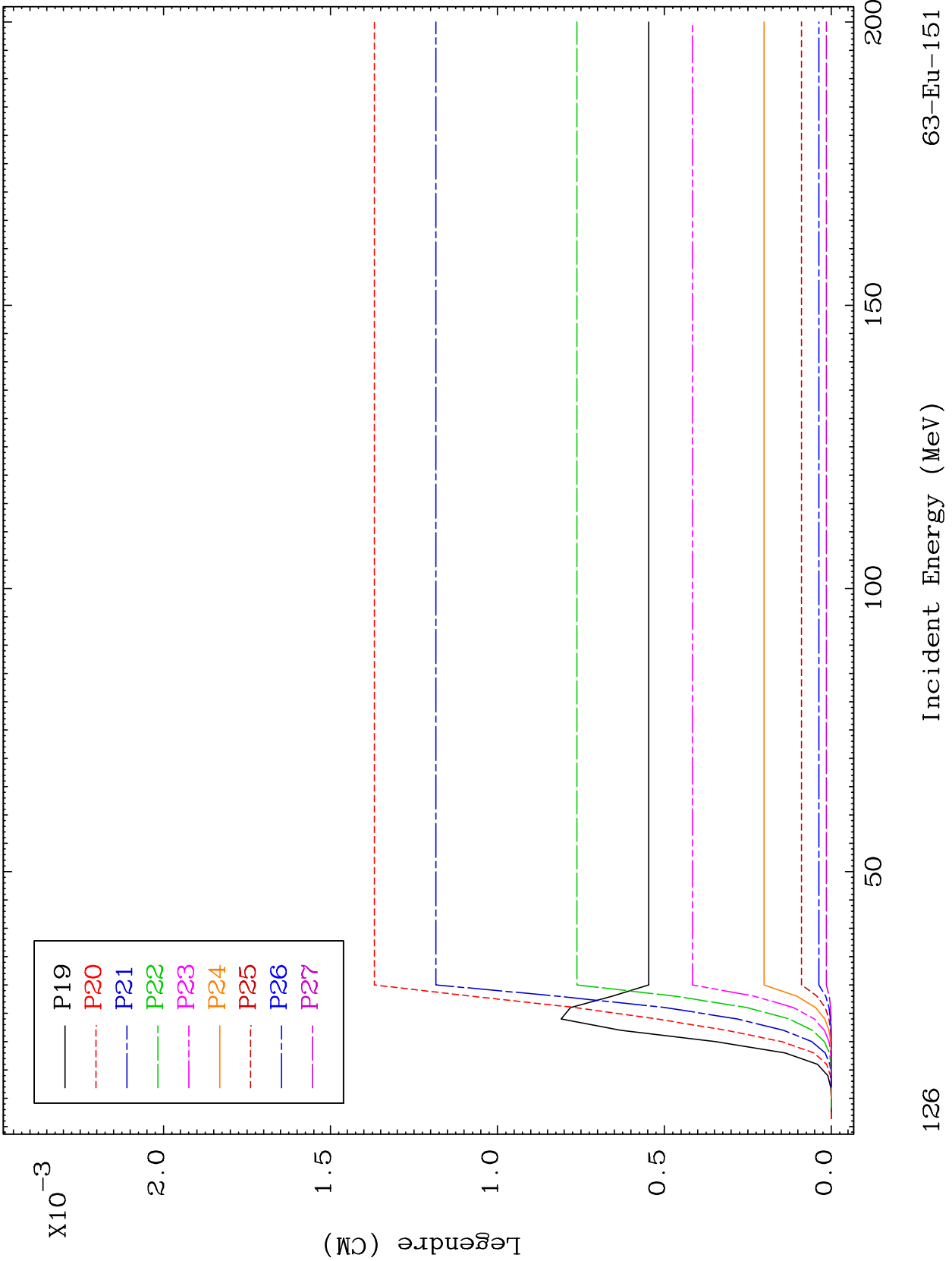
63-Eu-151



63-Eu-151

Incident Energy (MeV)

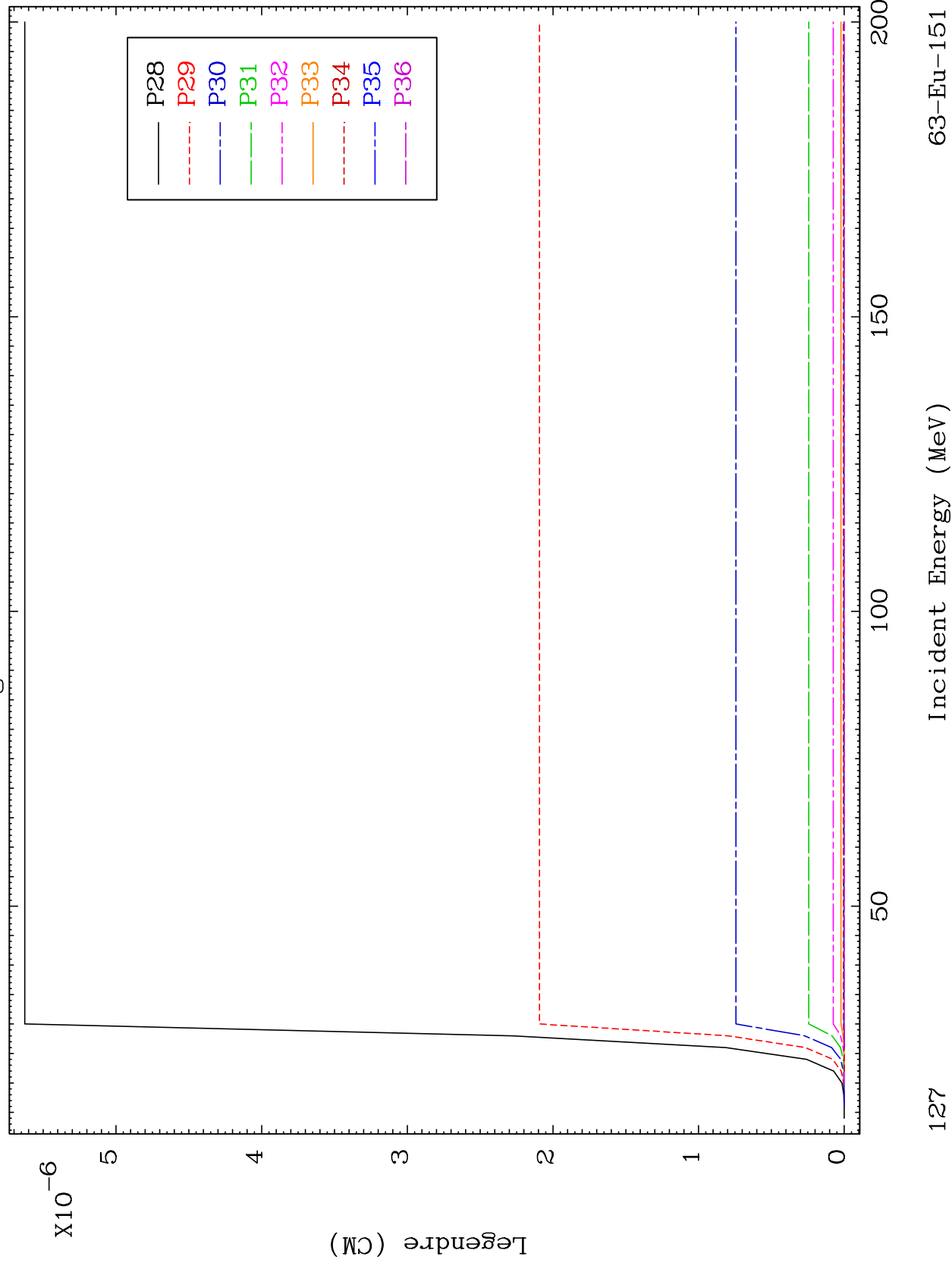
125



MAT 6325

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

63-Eu-151



127

Incident Energy (MeV)

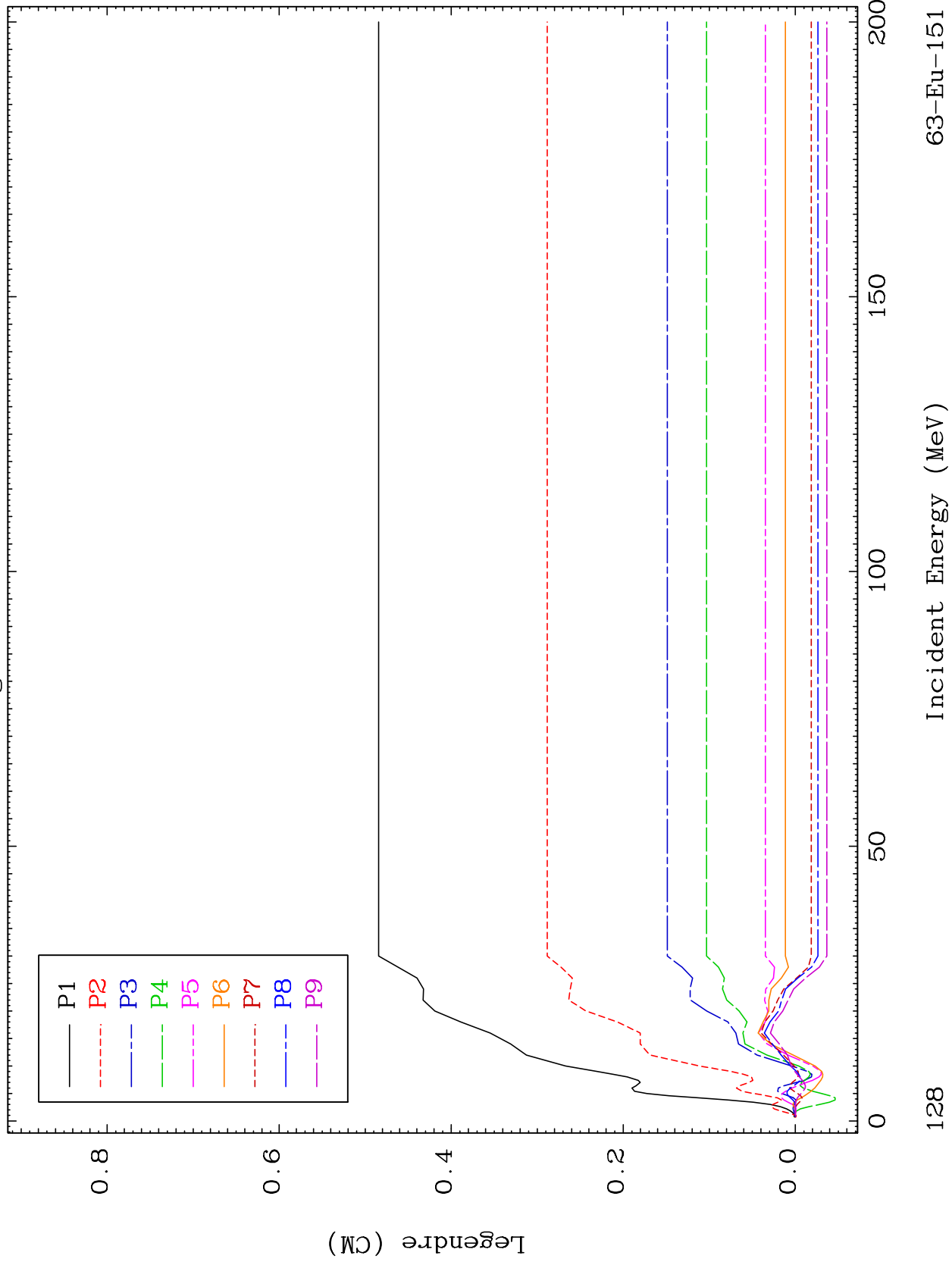
63-Eu-151



MAT 6325

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

63-Eu-151



63-Eu-151

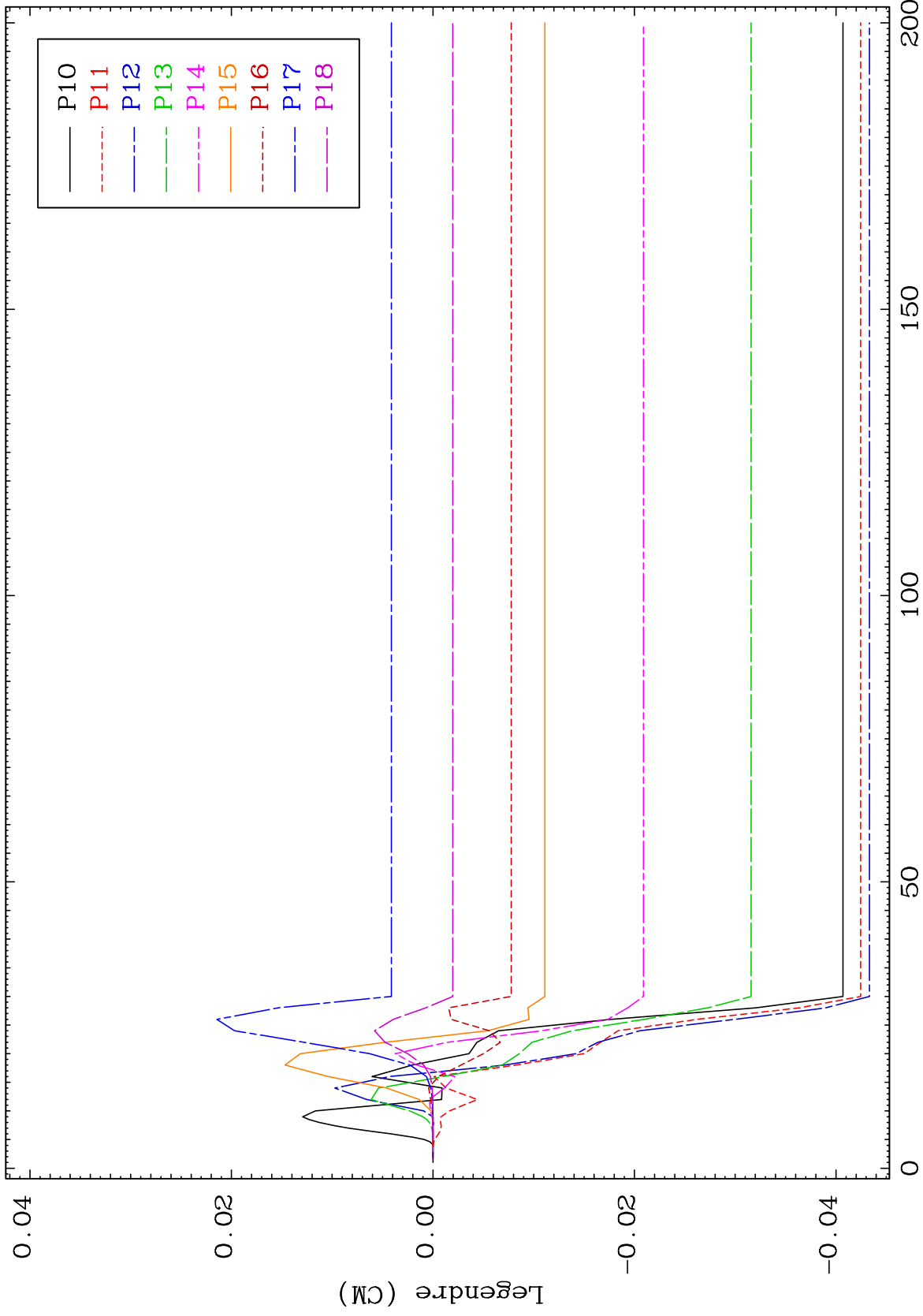
Incident Energy (MeV)

128

MAT 6325

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

63-Eu-151



129

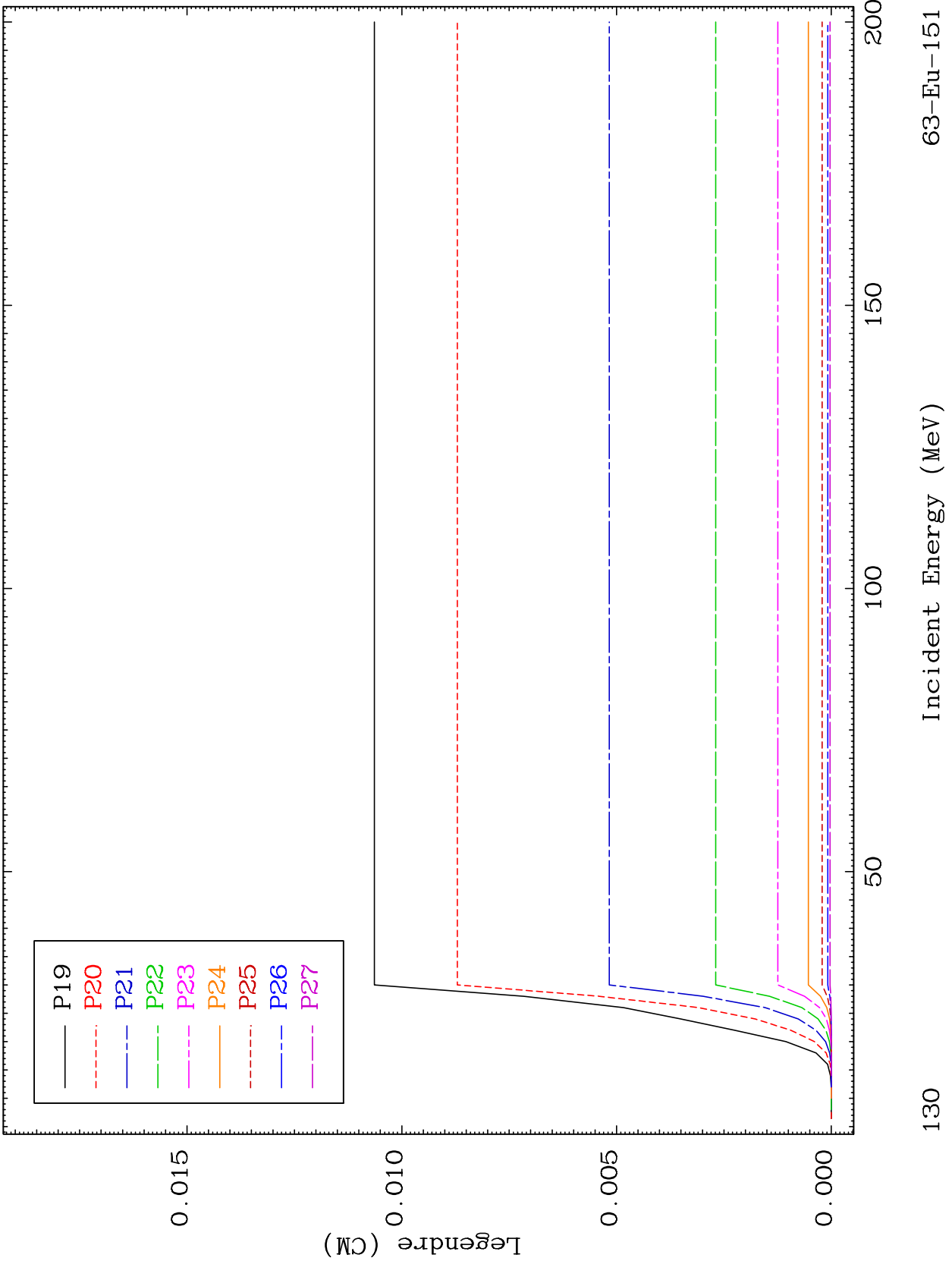
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

63-Eu-151



63-Eu-151

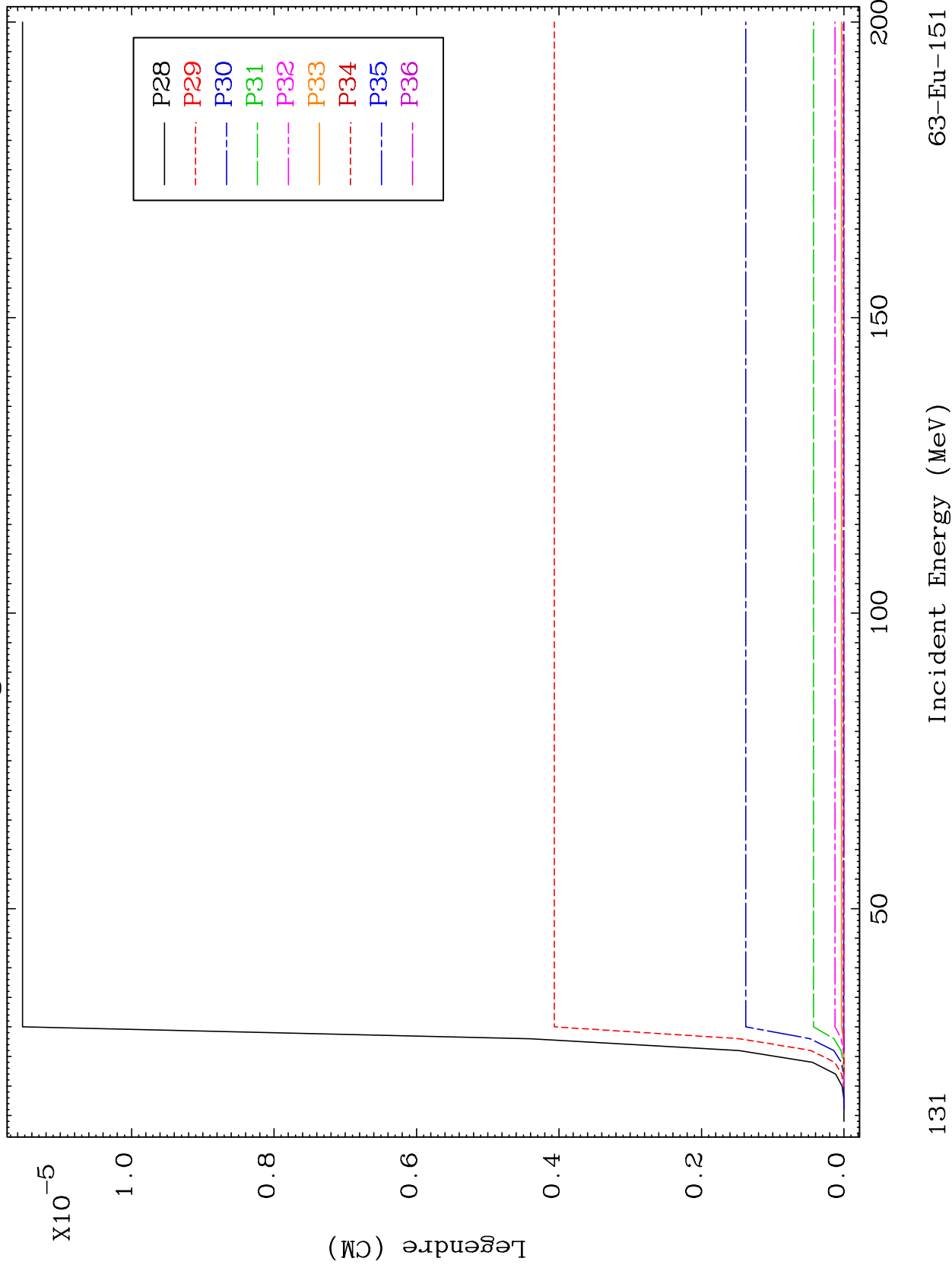
Incident Energy (MeV)

130

MAT 6325

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

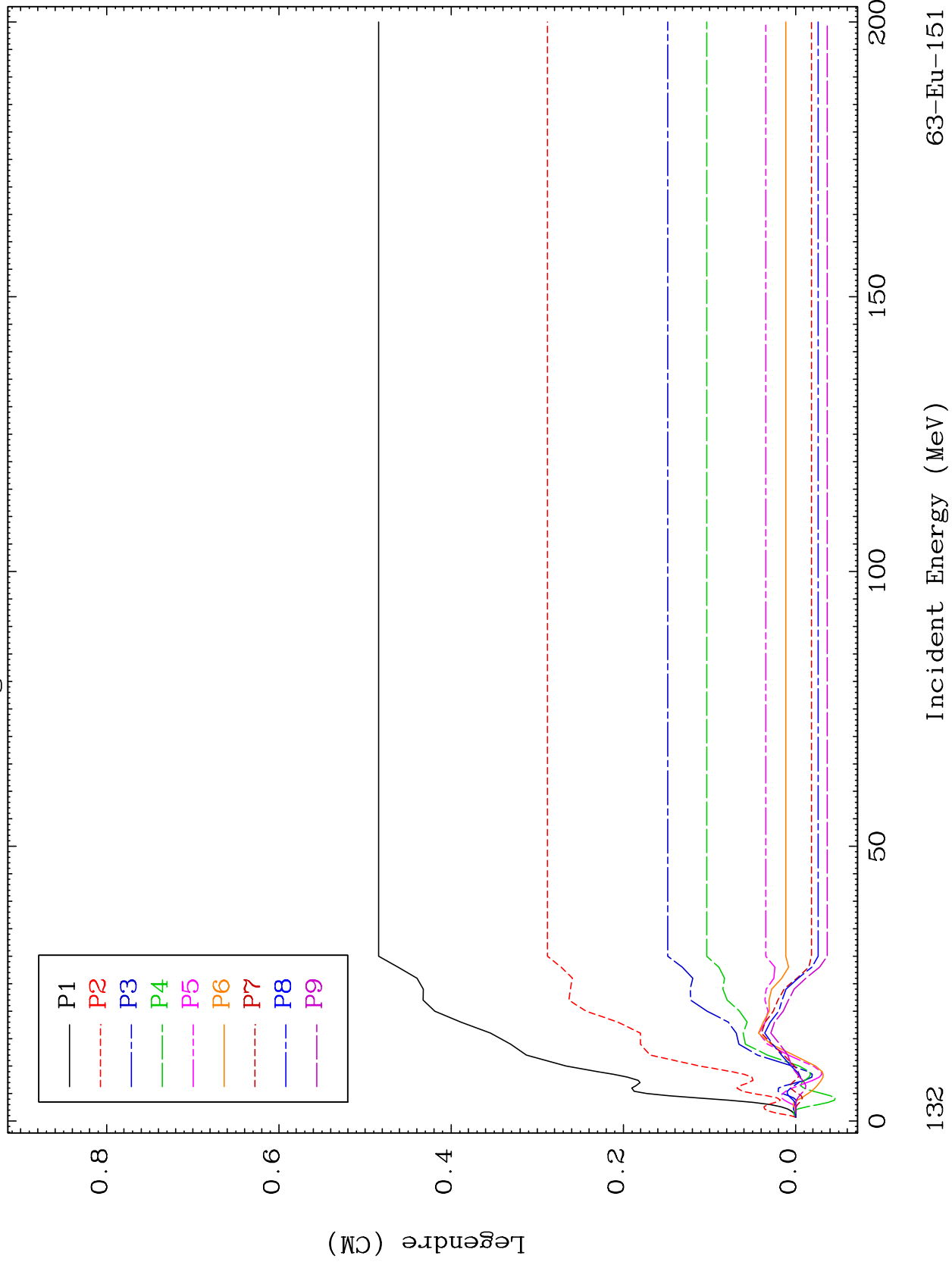
63-Eu-151



MAT 6325

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

63-Eu-151



63-Eu-151

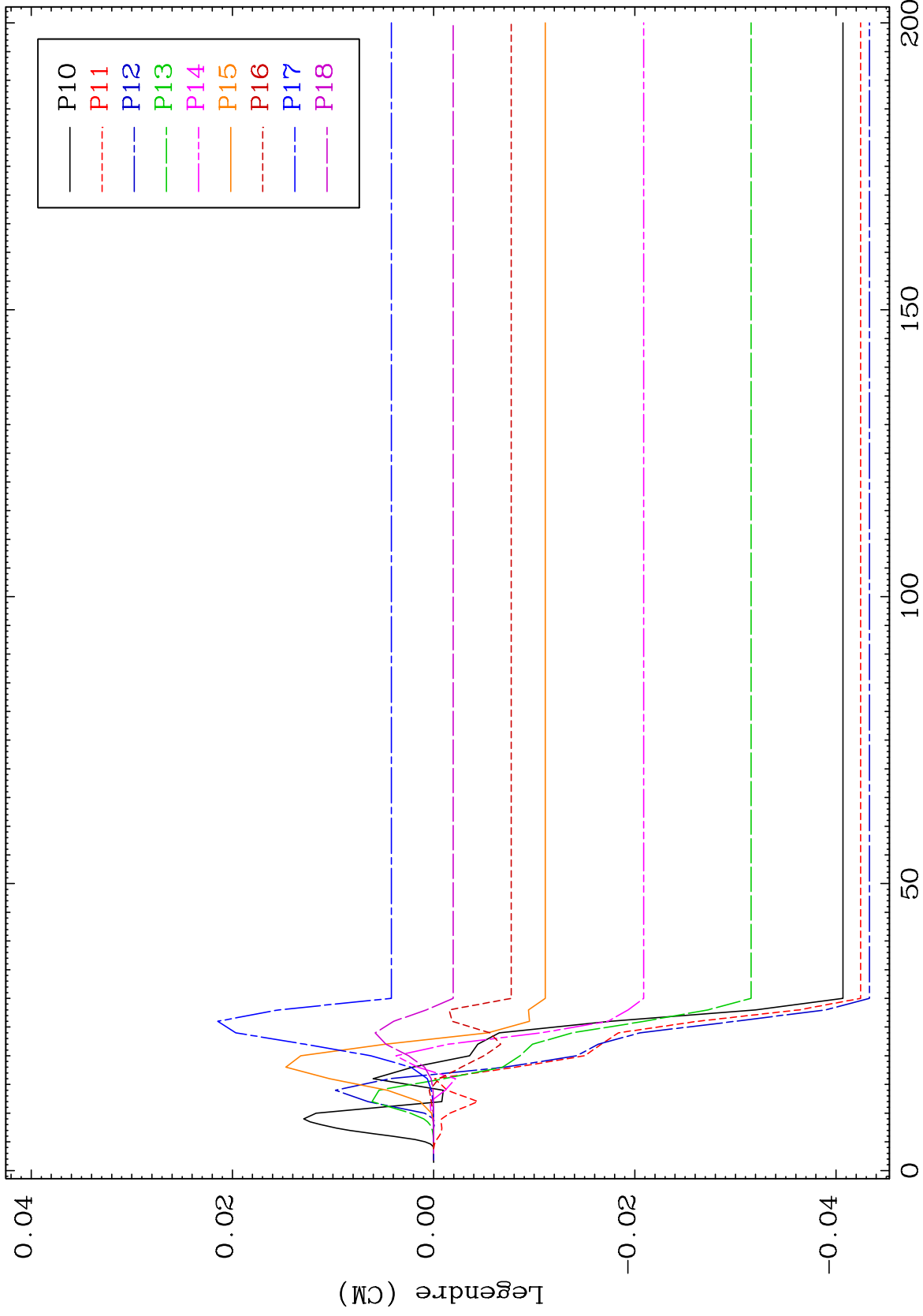
Incident Energy (MeV)

132

MAT 6325

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

63-Eu-151



133

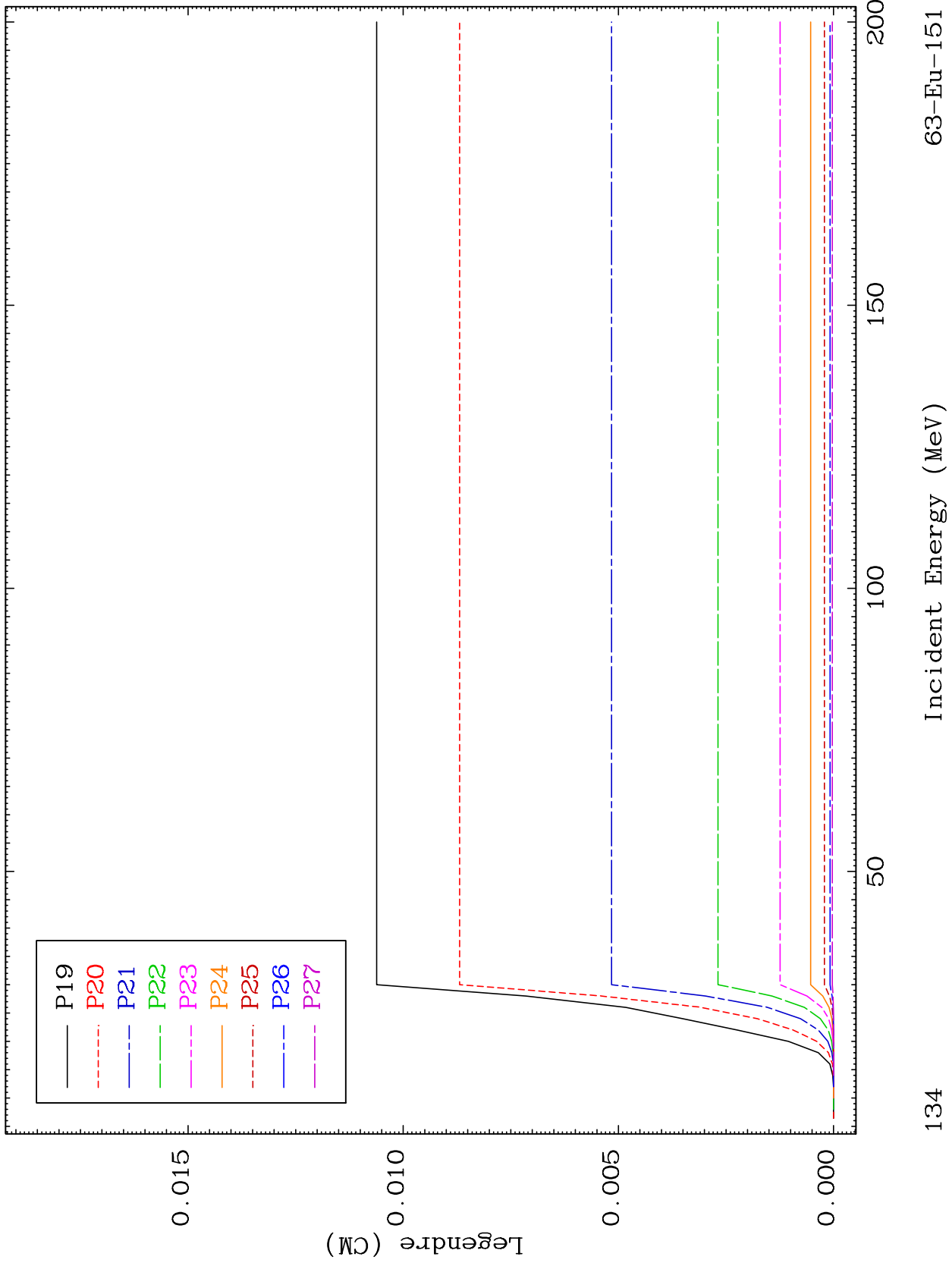
Incident Energy (MeV)

63-Eu-151

MAT 6325

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

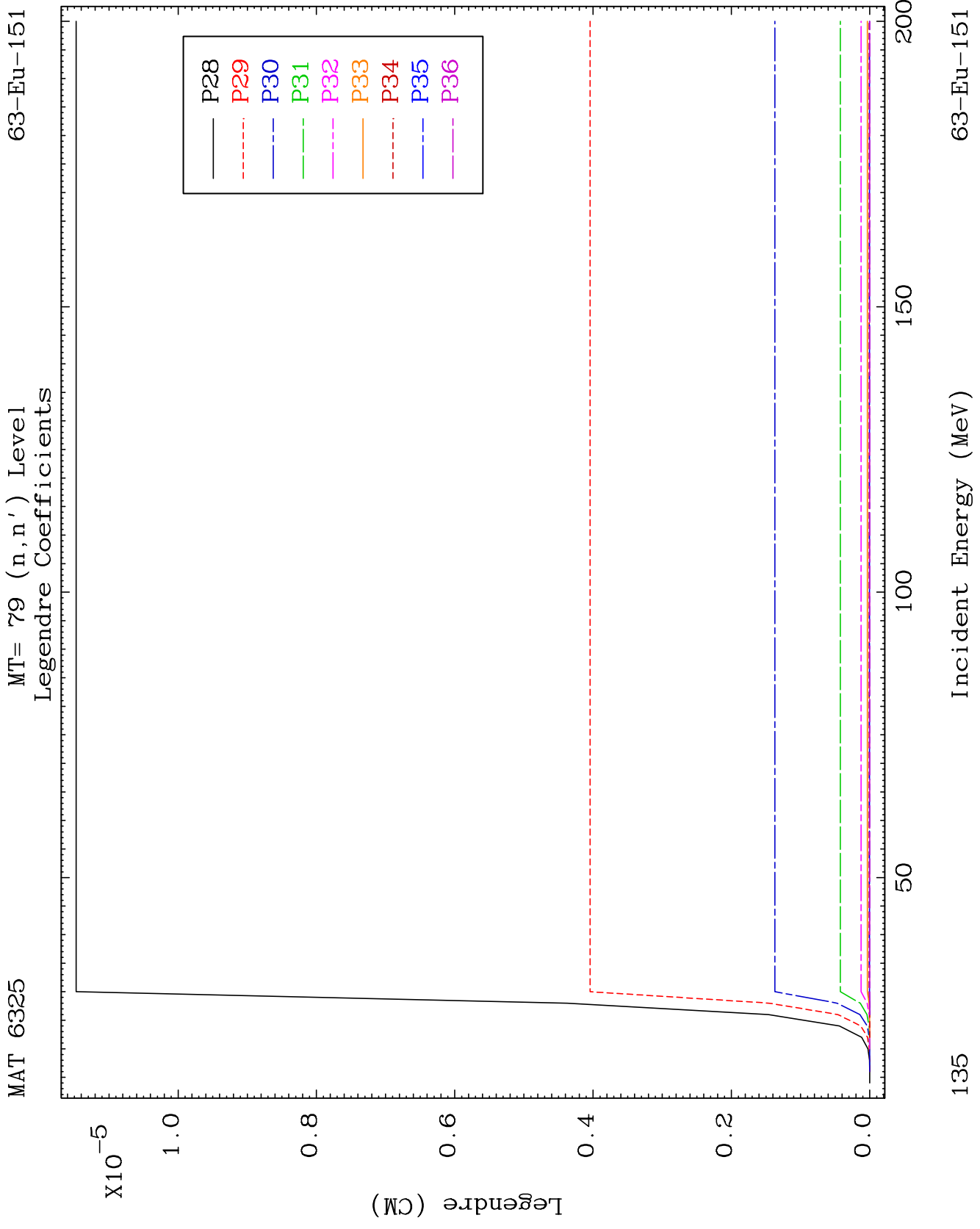
63-Eu-151



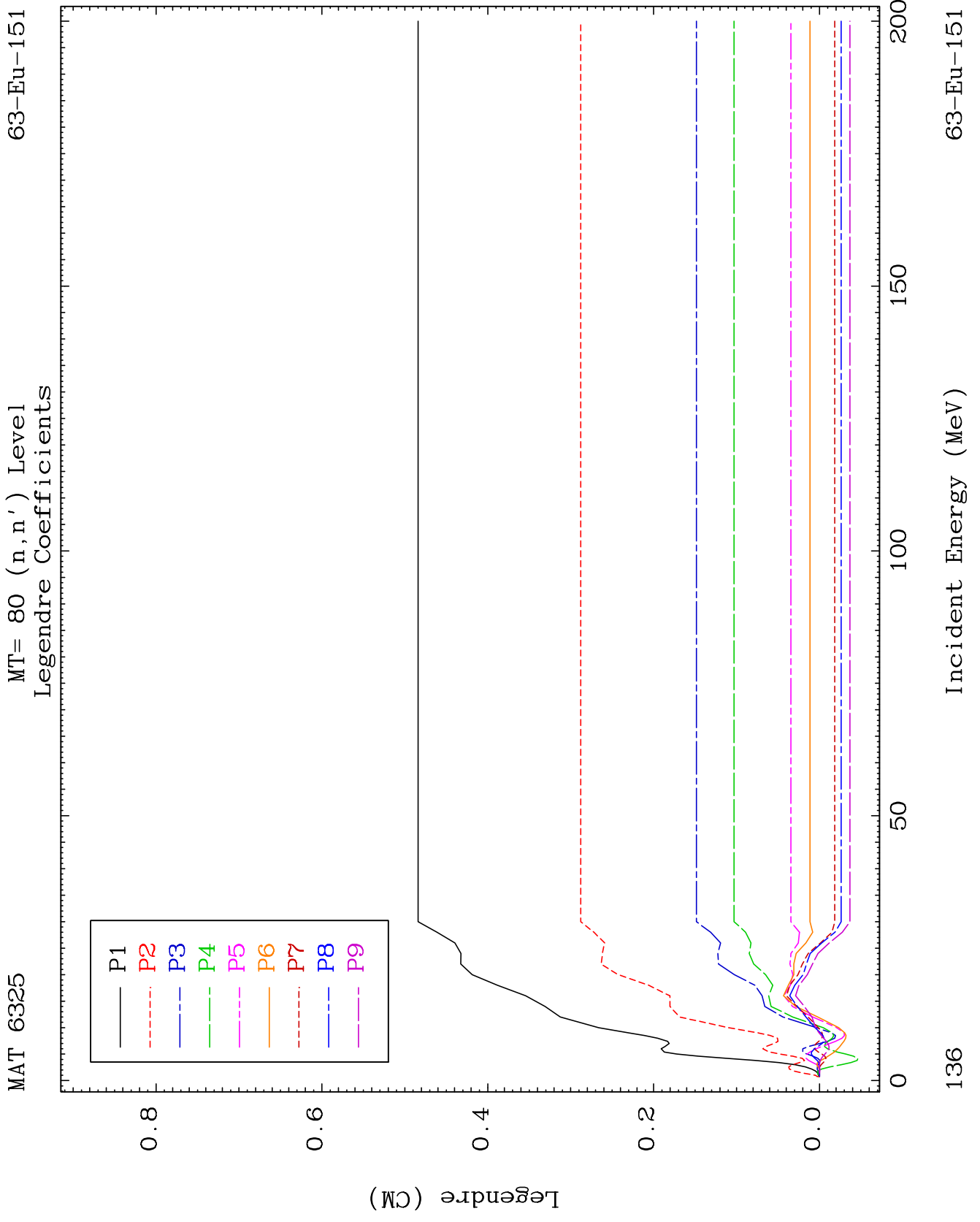
134

Incident Energy (MeV)

63-Eu-151





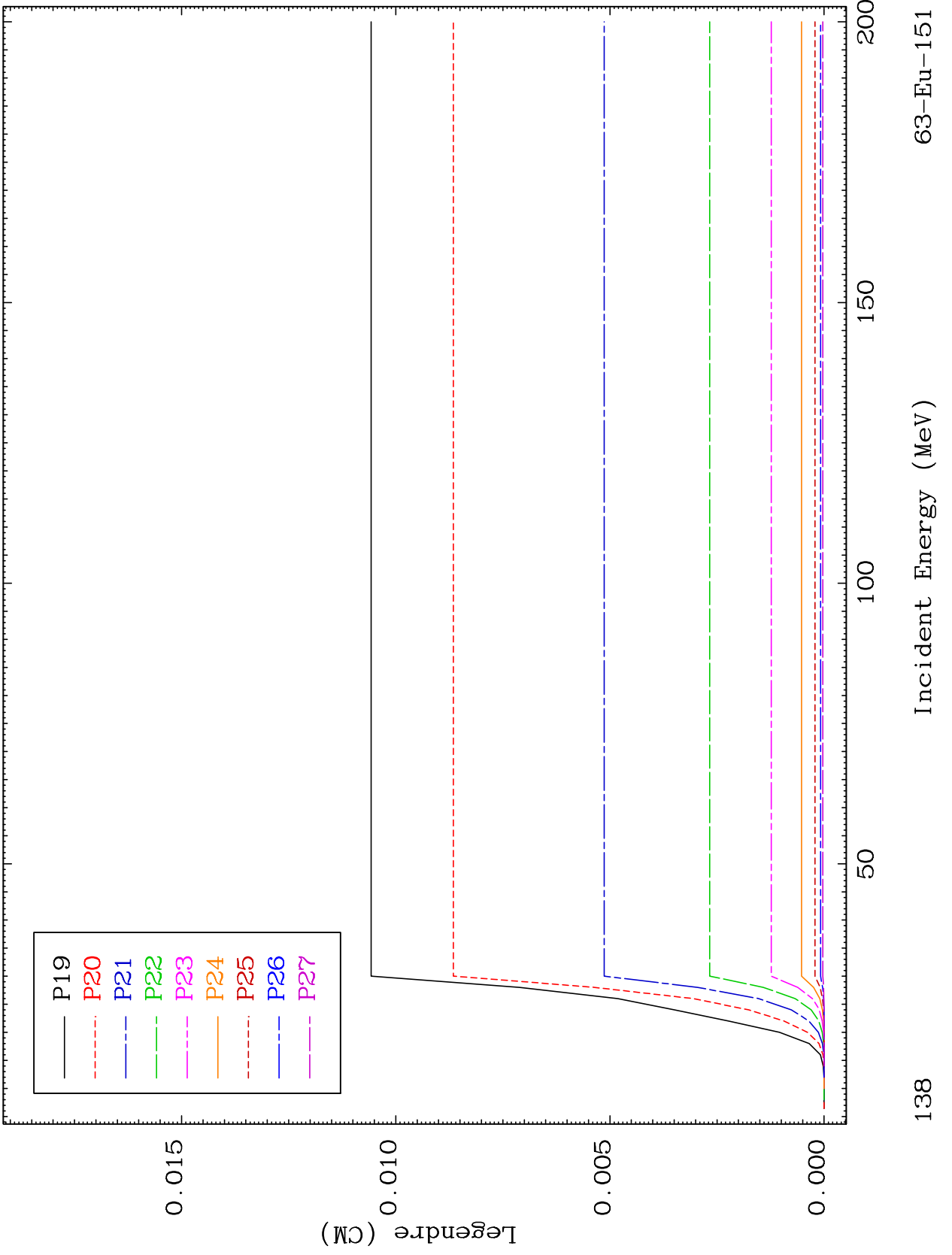




MAT 6325

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

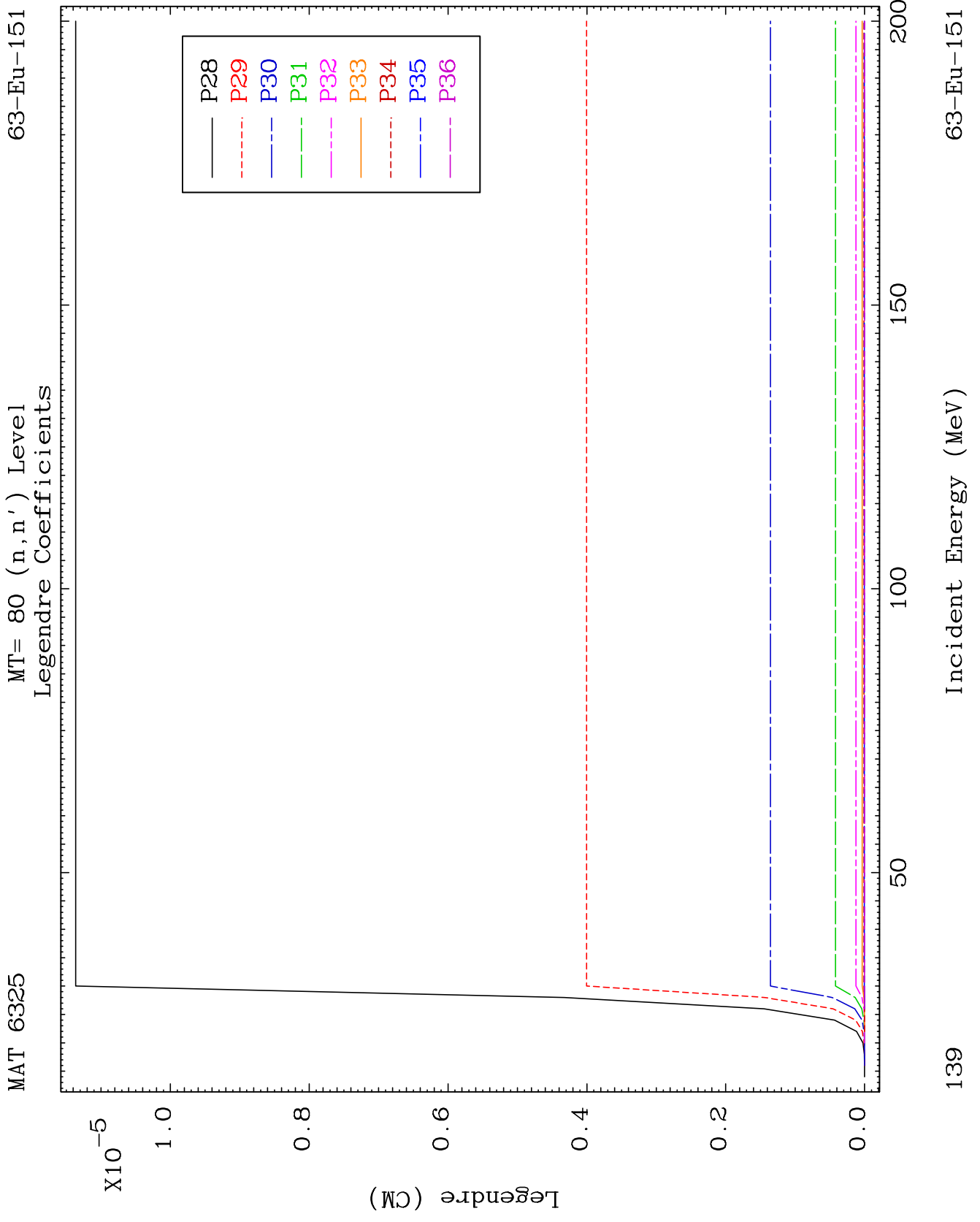
63-Eu-151



138

Incident Energy (MeV)

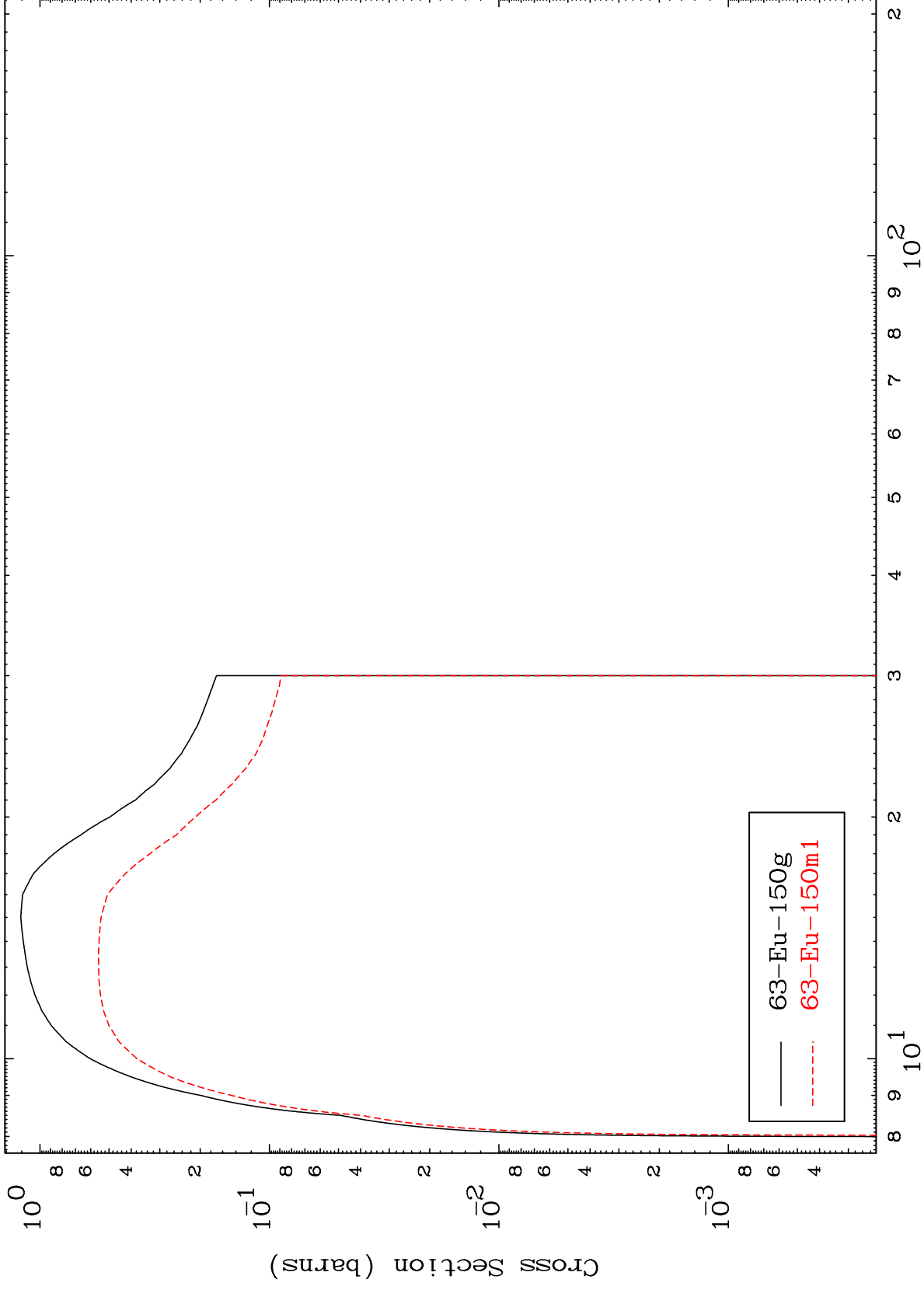
63-Eu-151



MAT 6325

63-Eu-151

(n,2n)  
Radionuclide Production Cross Section



63-Eu-151

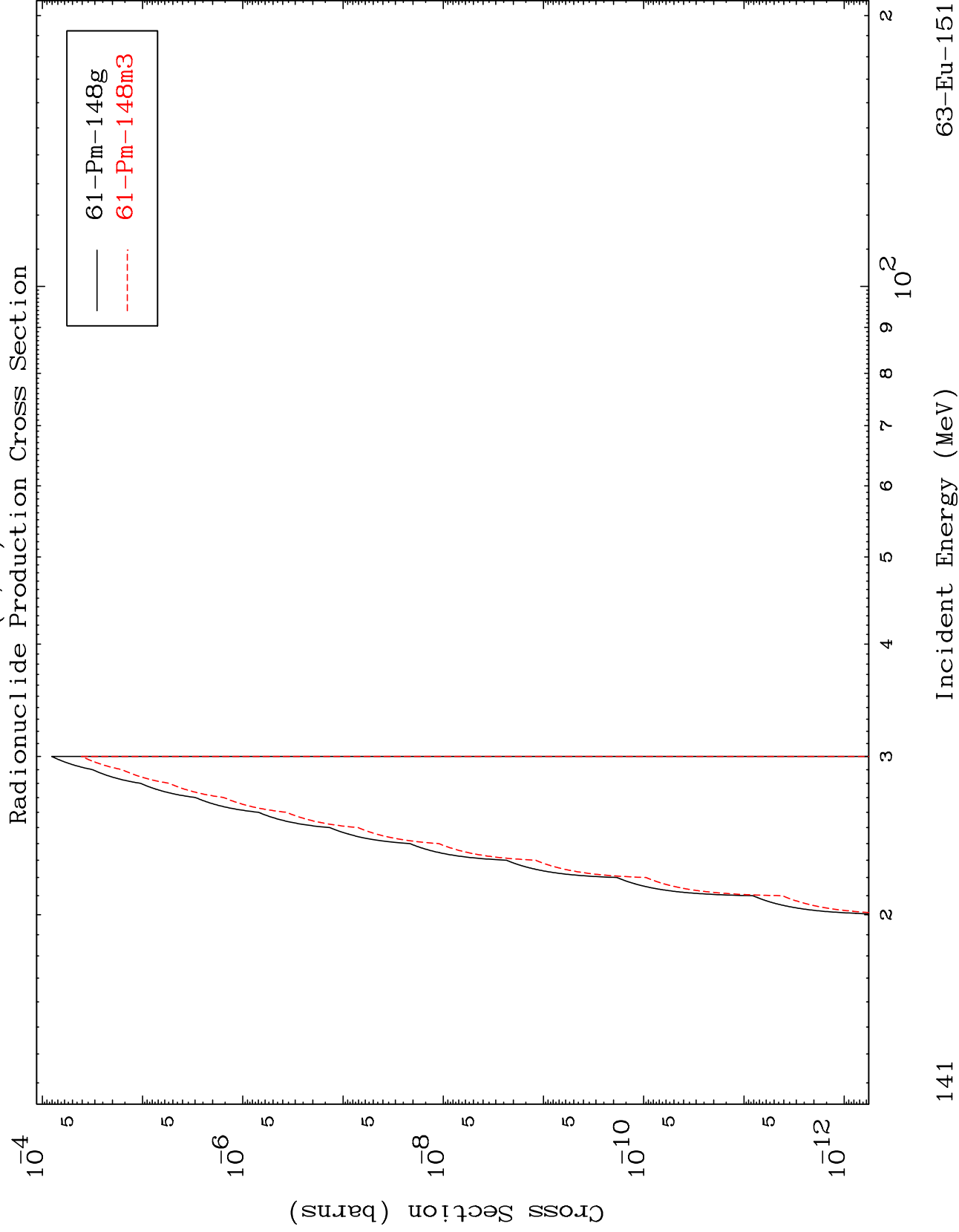
Incident Energy (MeV)

140

MAT 6325

(n,n') He-3

63-Eu-151



141

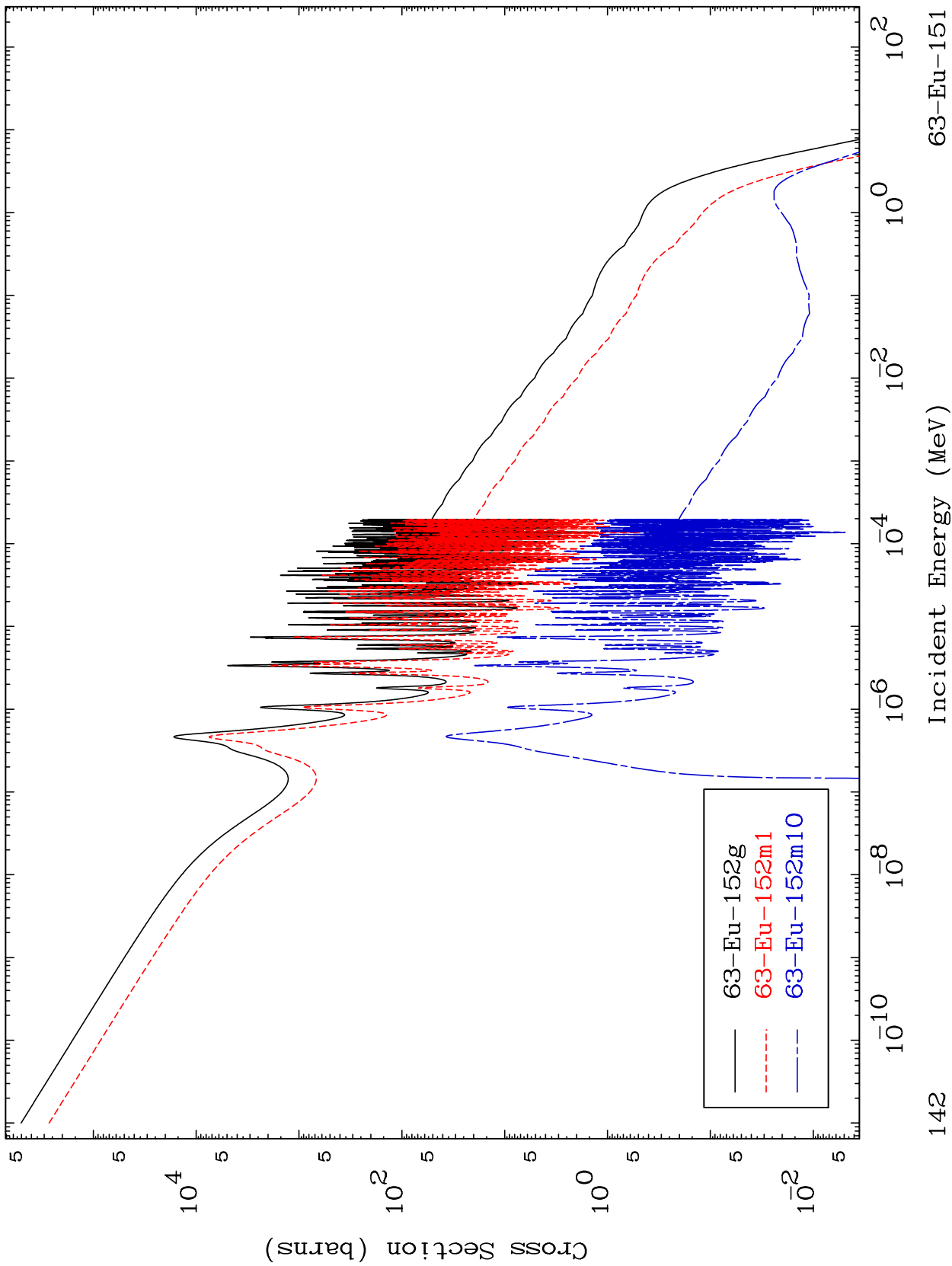
Incident Energy (MeV)

63-Eu-151

MAT 6325

63-Eu-151

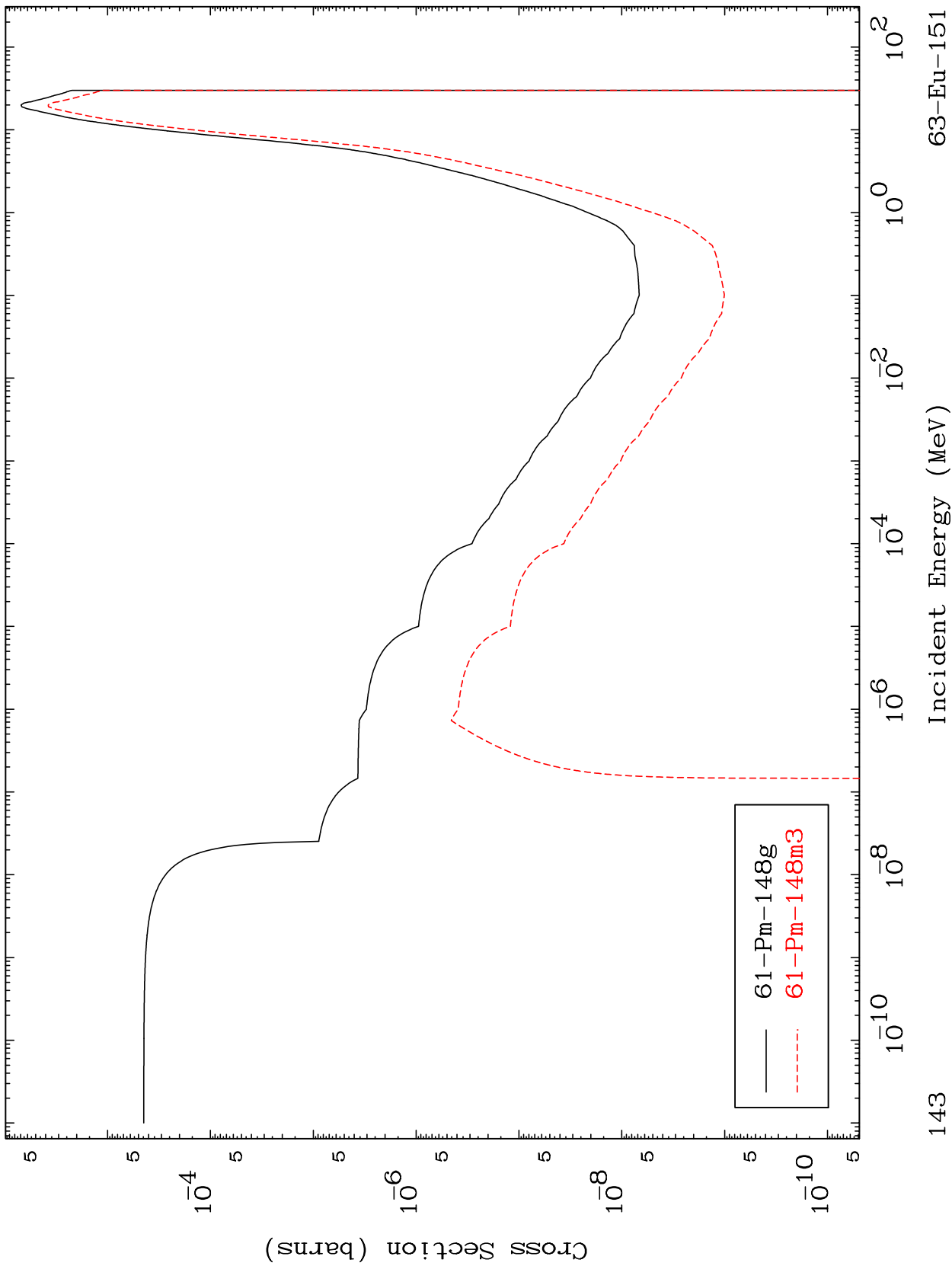
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 6325

63-Eu-151

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



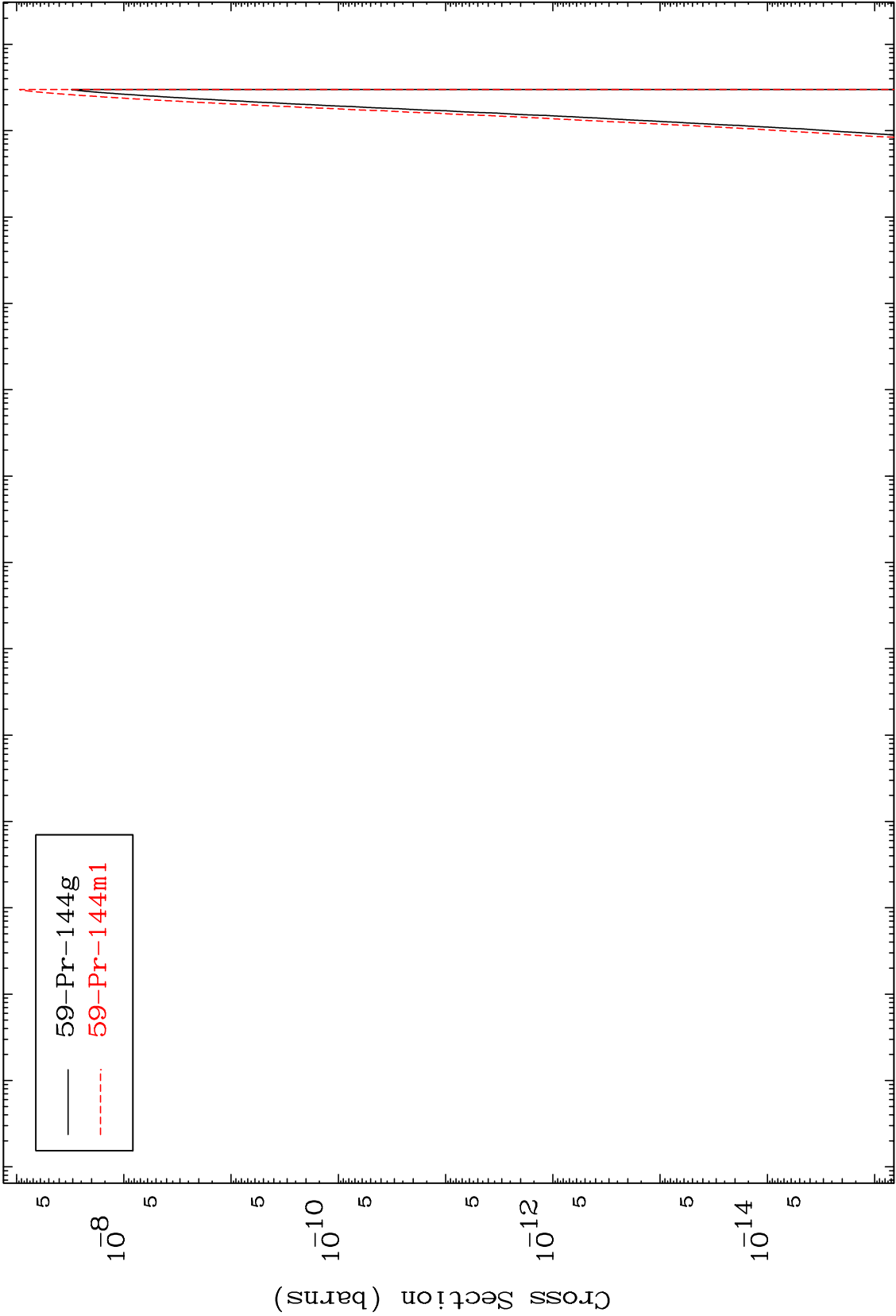
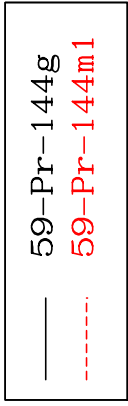


MAT 6325

(n,2α)

63-Eu-151

Radionuclide Production Cross Section



63-Eu-151

10<sup>0</sup>

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

10<sup>-14</sup>

Incident Energy (MeV)

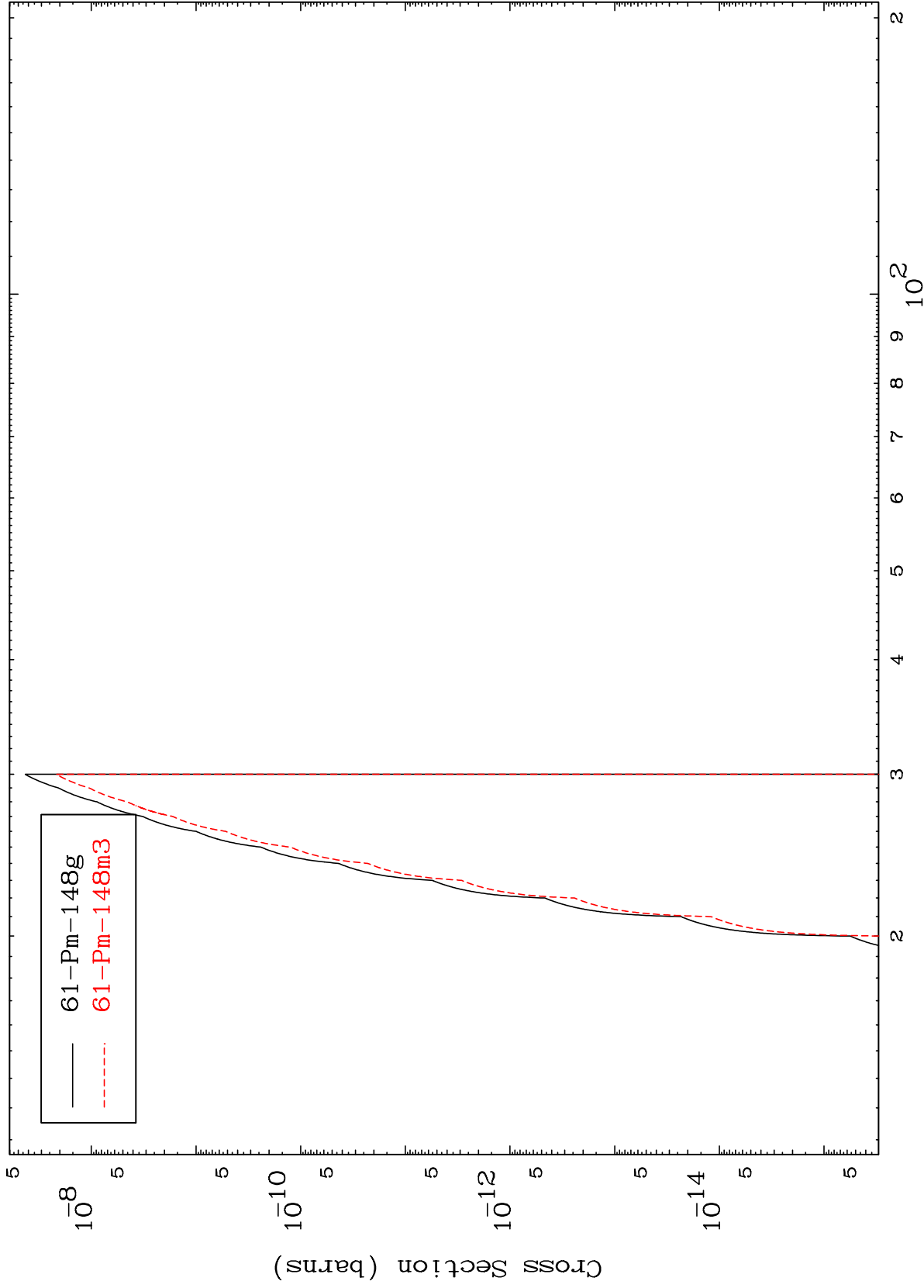
144

MAT 6325

(n,p) t

63-Eu-151

Radionuclide Production Cross Section



145

Incident Energy (MeV)

63-Eu-151