

Program EVALPLOT  
(Version 2021-1)

by

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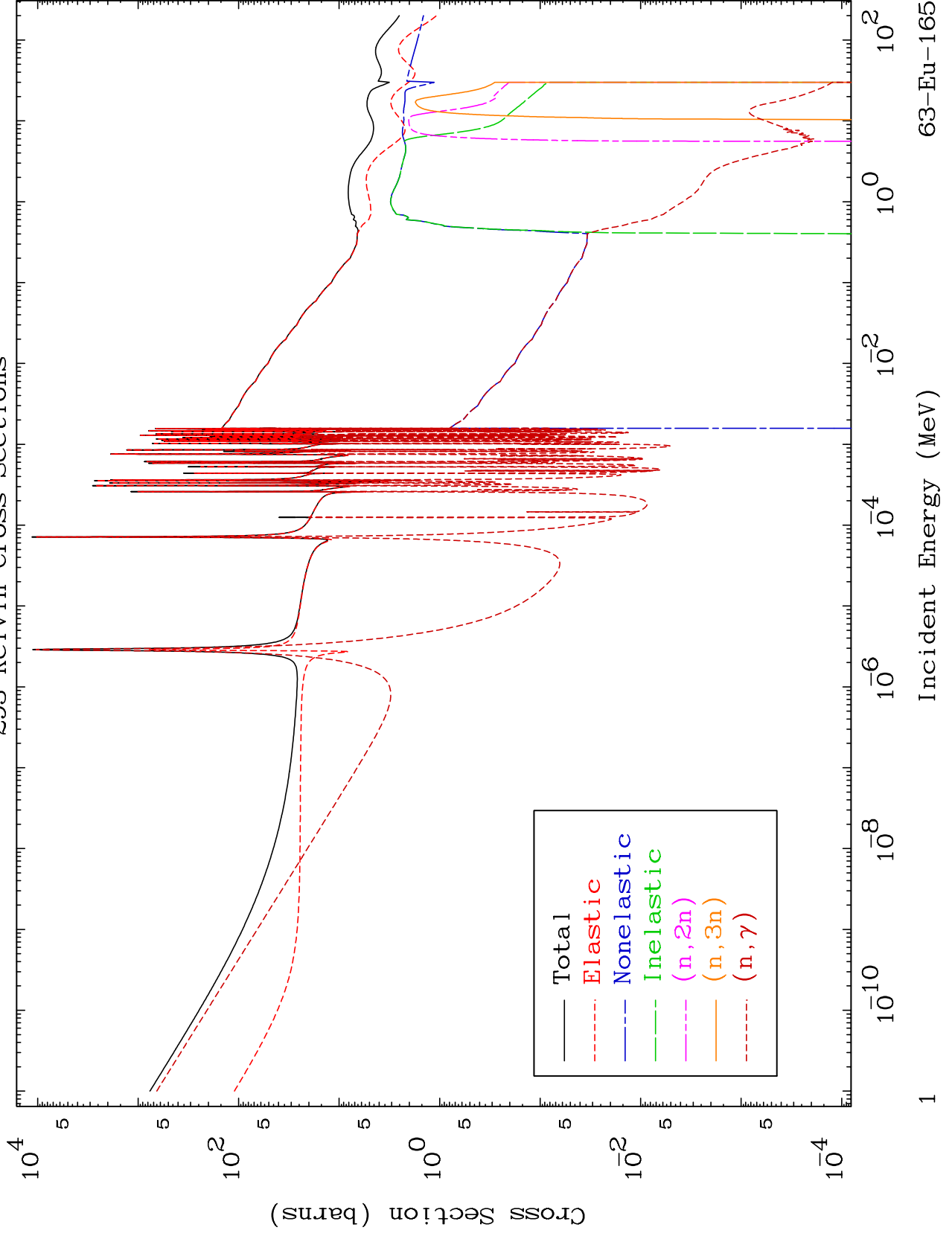
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6367

Neutron Major  
293 Kelvin Cross Sections

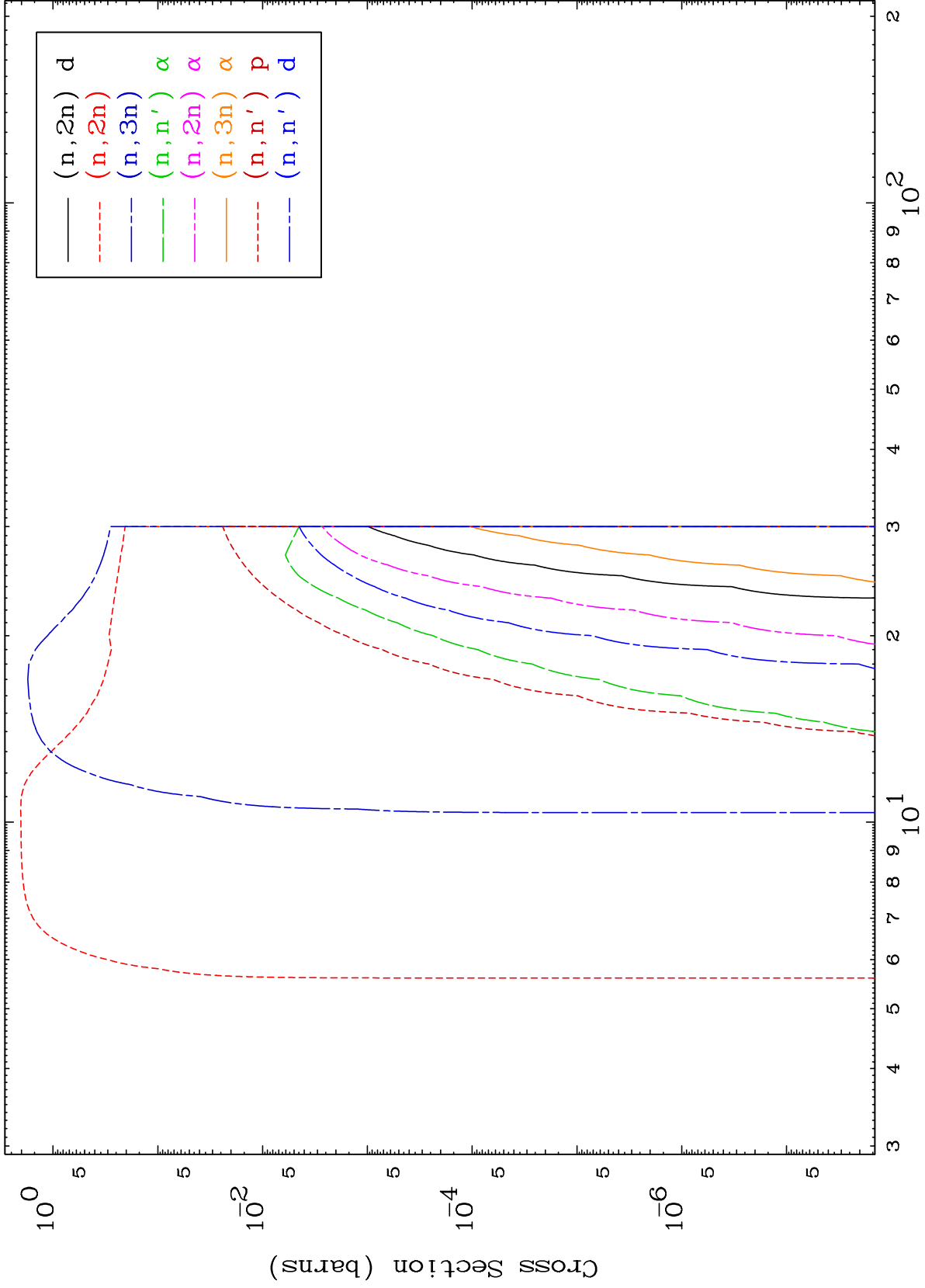
63-Eu-165



MAT 6367

Neutron Absorption  
293 Kelvin Cross Sections

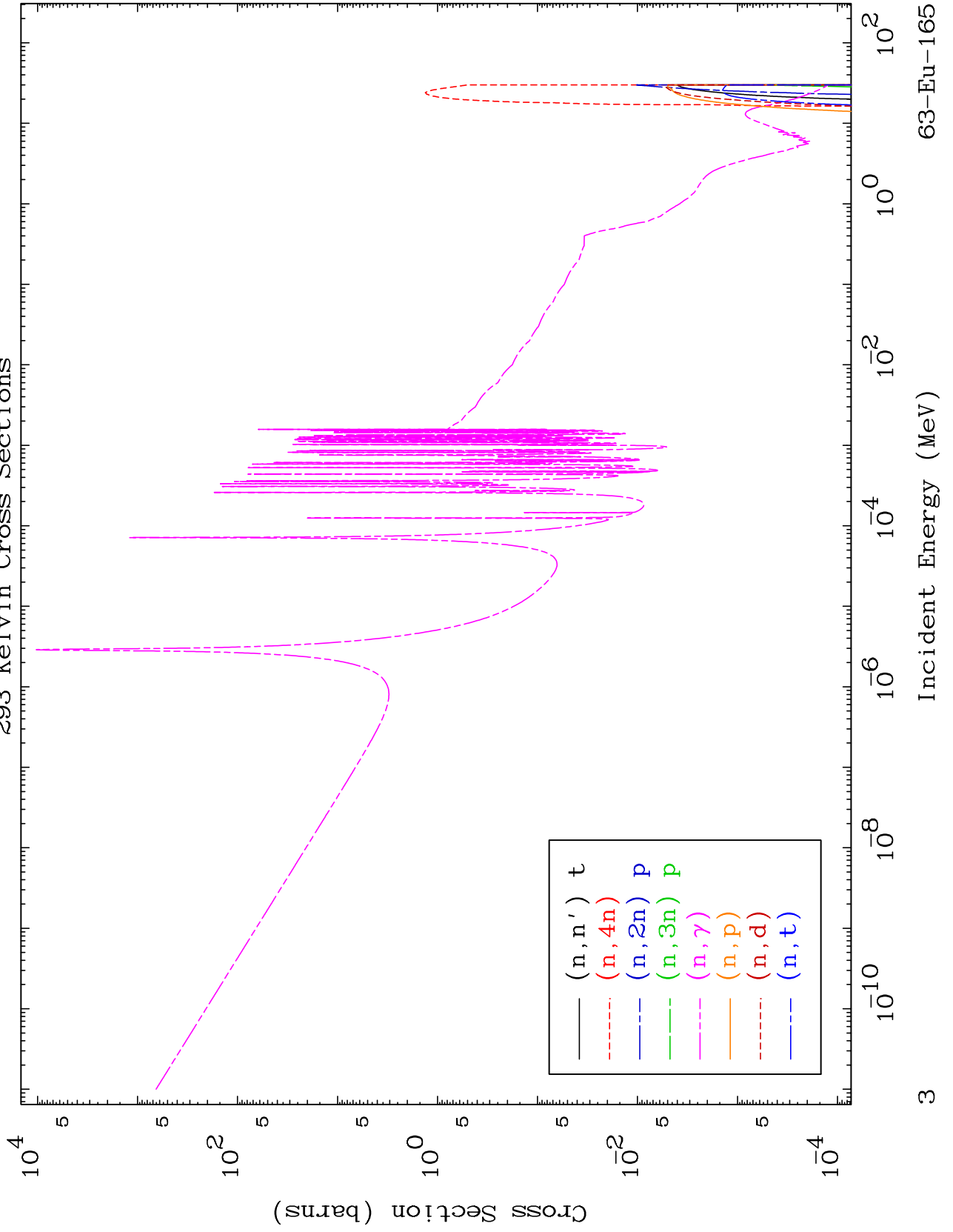
63-Eu-165



2

Incident Energy (MeV)

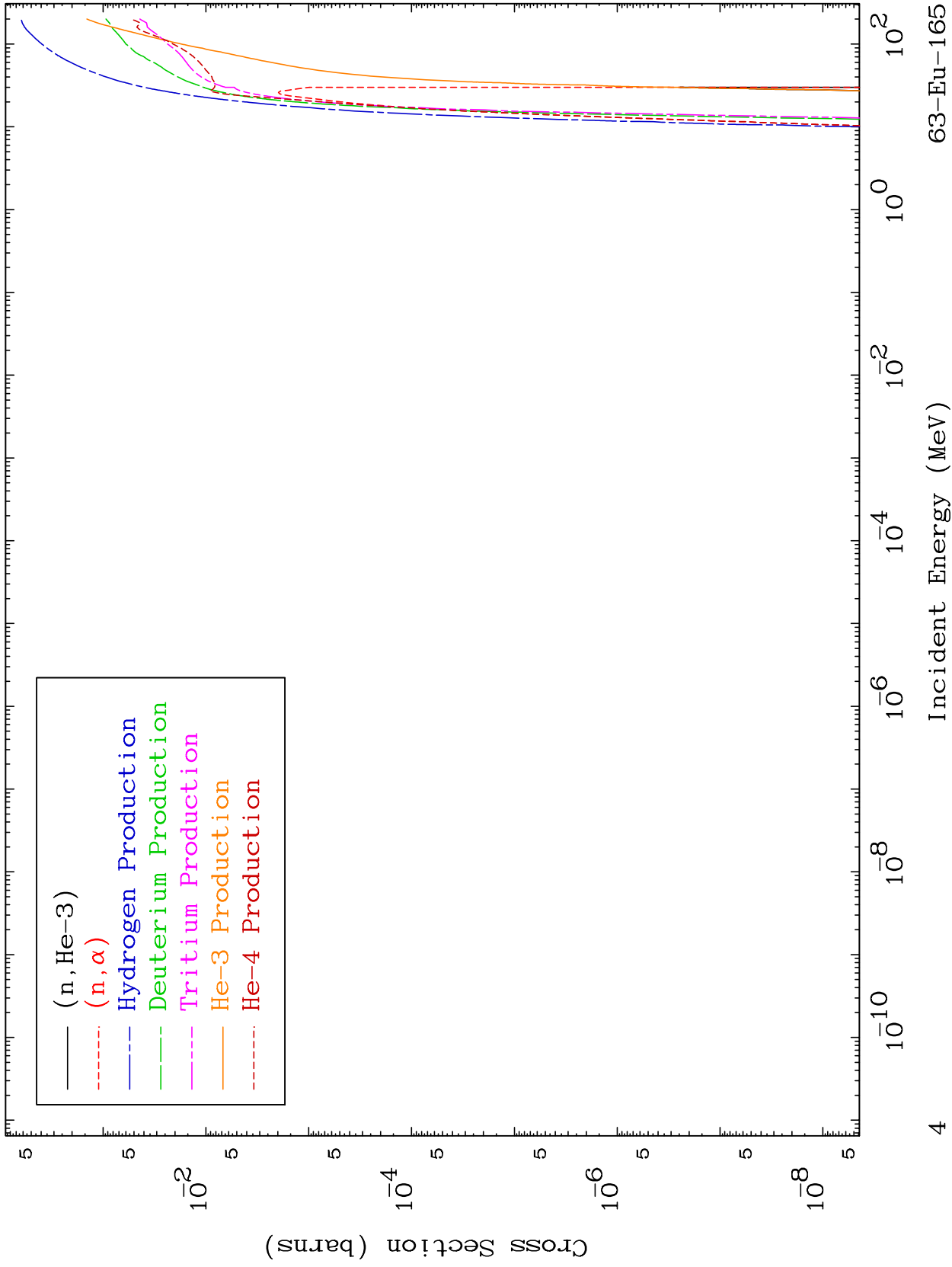
63-Eu-165

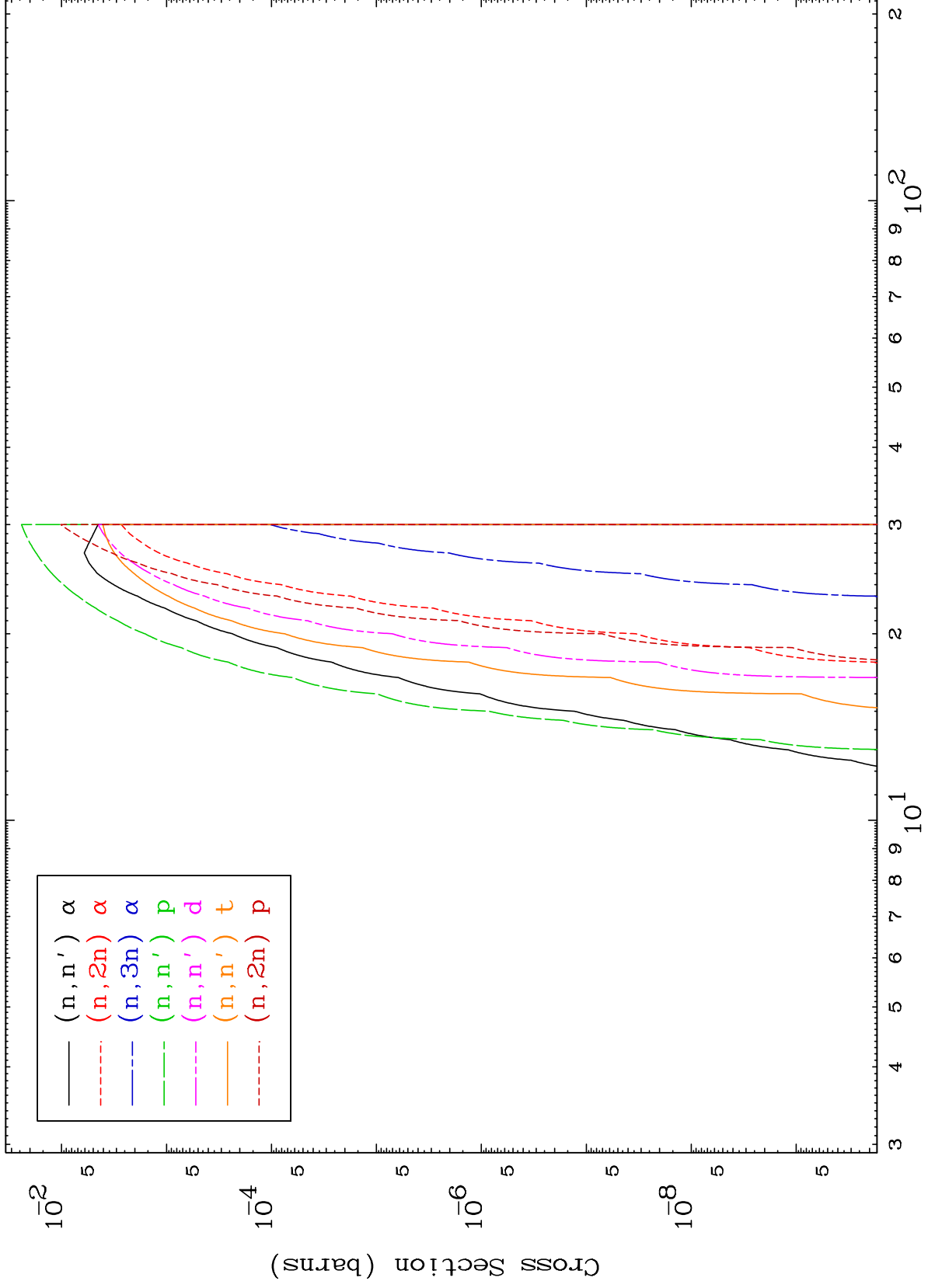


MAT 6367

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-165

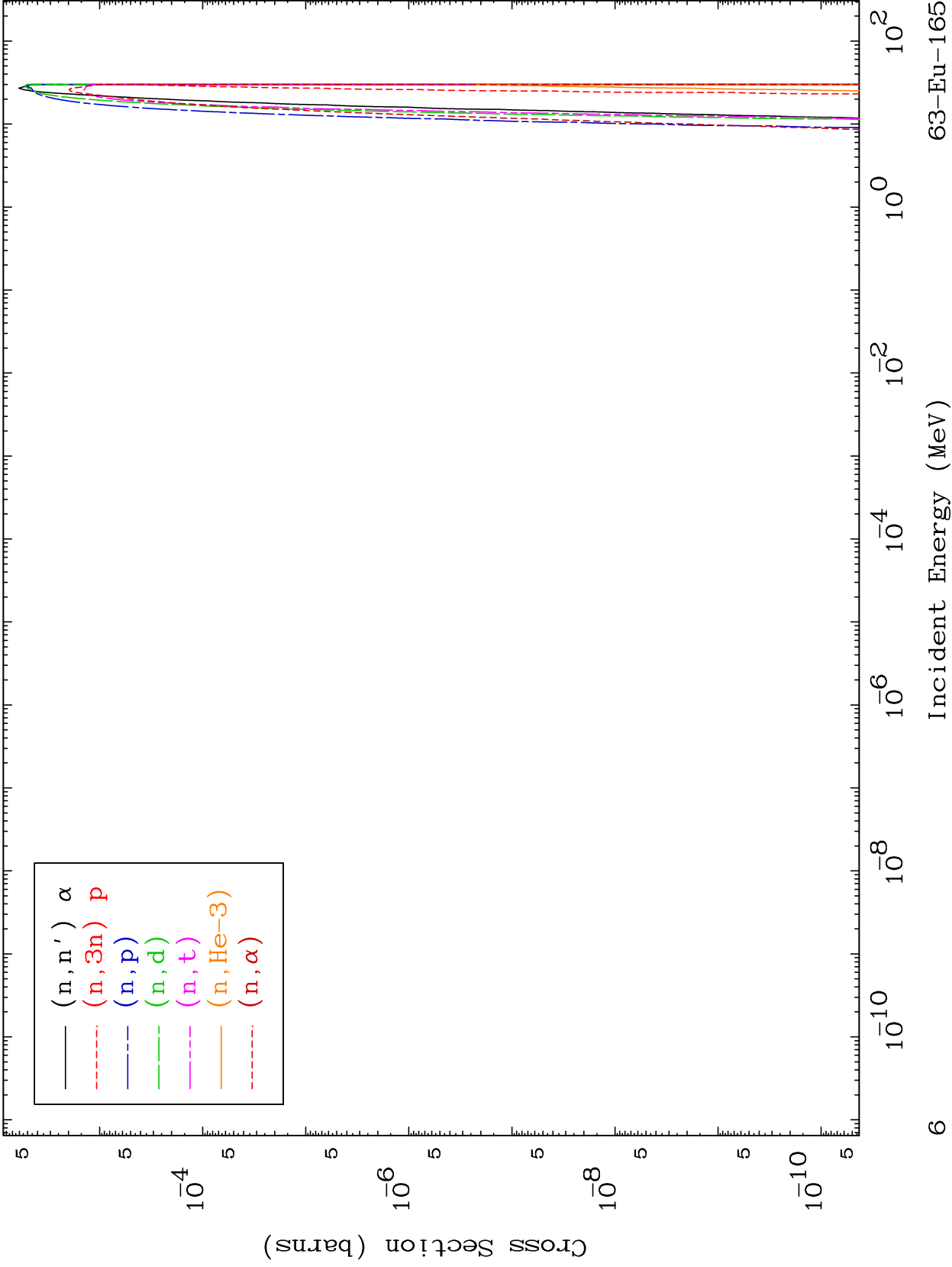




MAT 6367

Charged Particle  
293 Kelvin Cross Sections

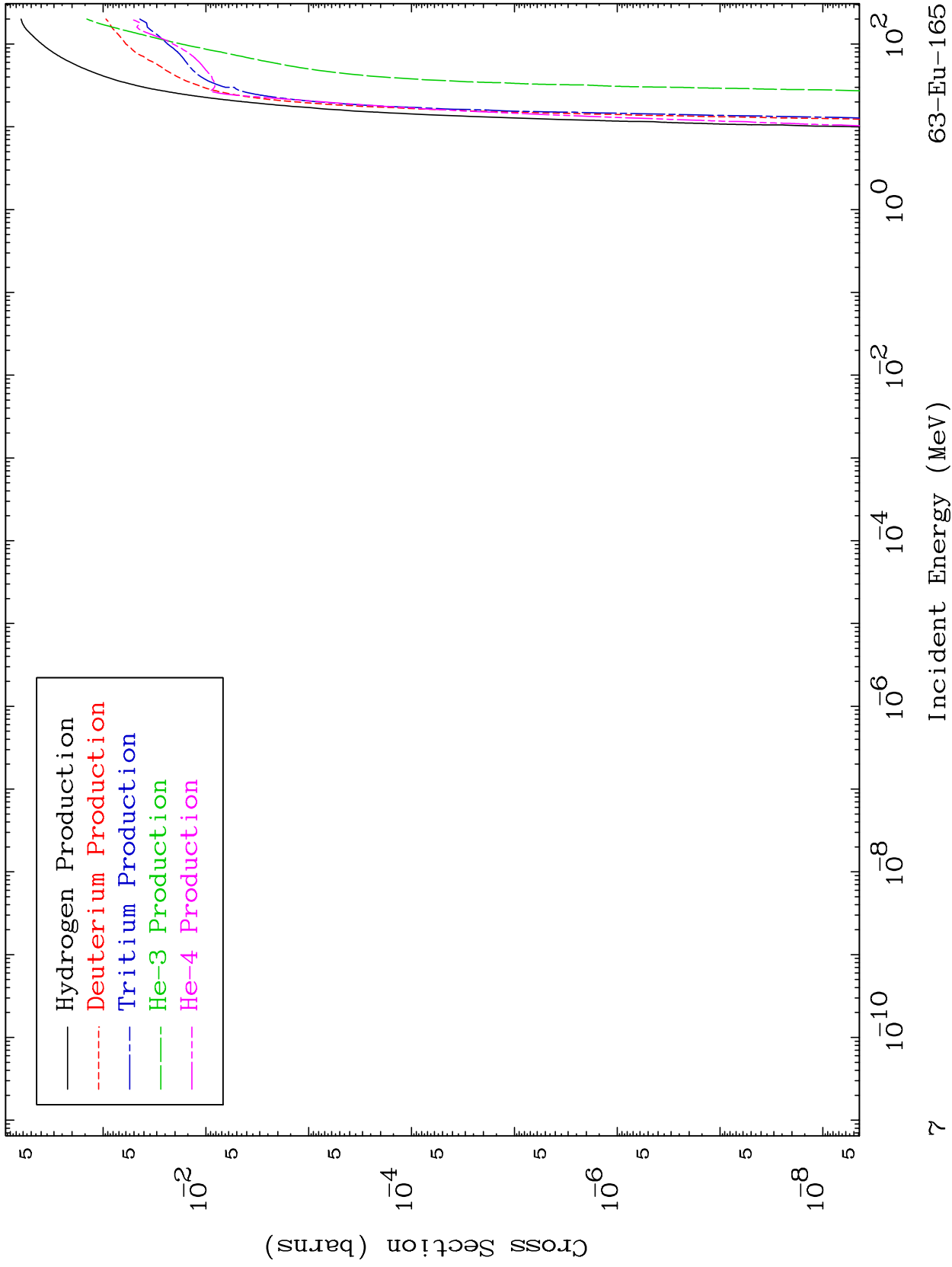
63-Eu-165



MAT 6367

Particle Production  
293 Kelvin Cross Sections

63-Eu-165



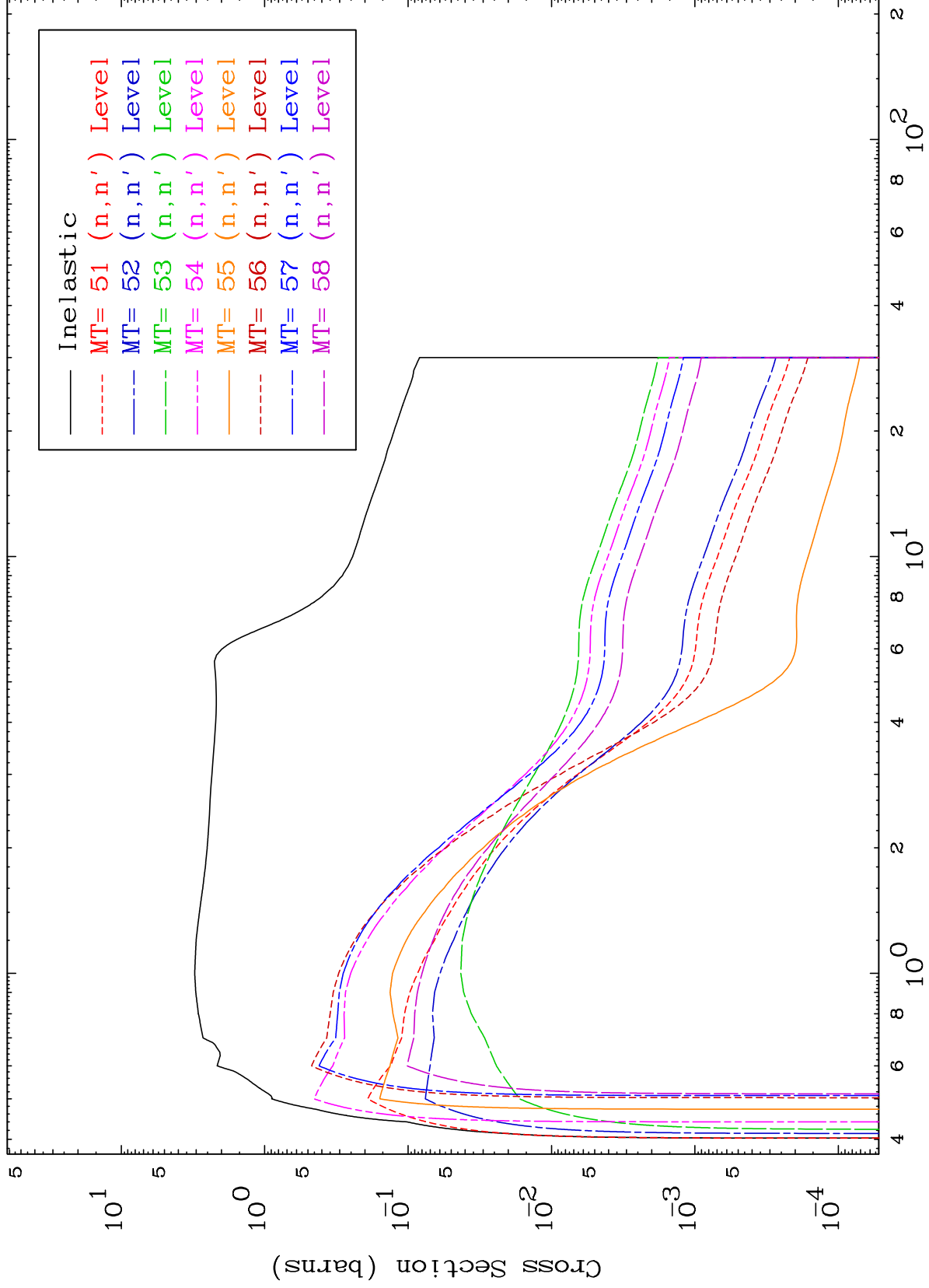


MAT 6367

(n,n') Levels

63-Eu-165

293 Kelvin Cross Sections



Incident Energy (MeV)

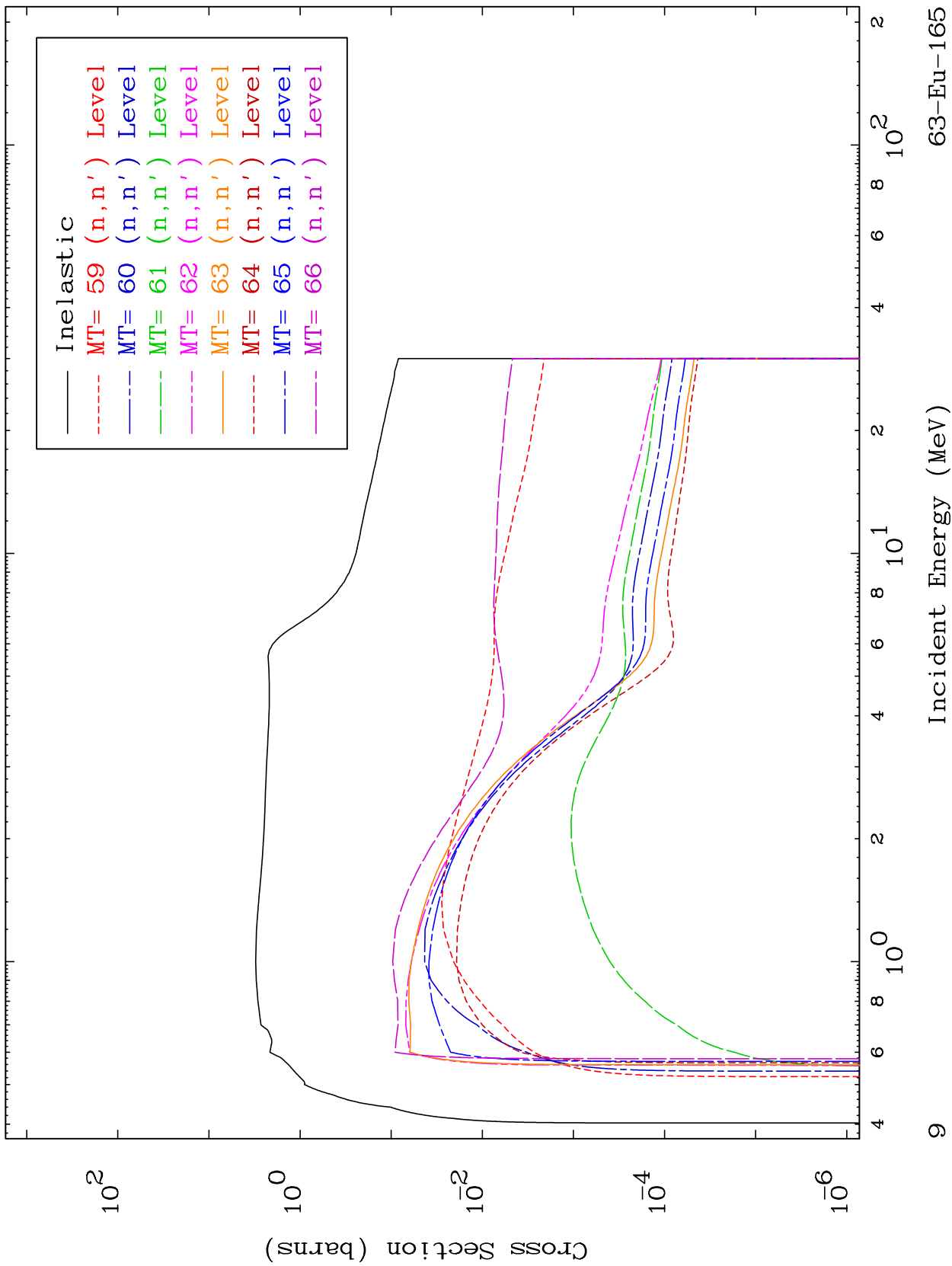
63-Eu-165

8

MAT 6367

(n,n') Levels  
293 Kelvin Cross Sections

63-Eu-165



9

Incident Energy (MeV)

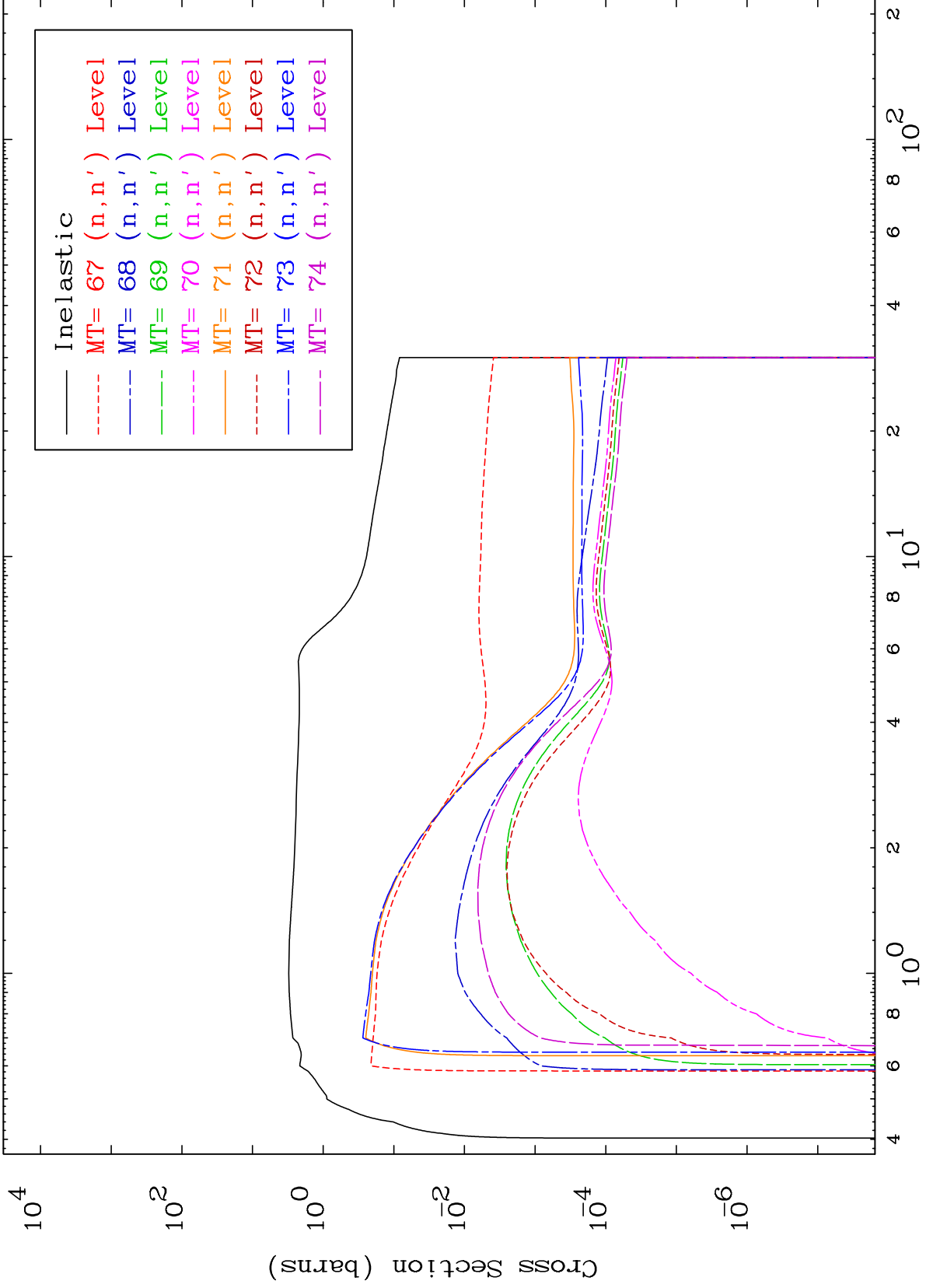
63-Eu-165

MAT 6367

(n,n') Levels

63-Eu-165

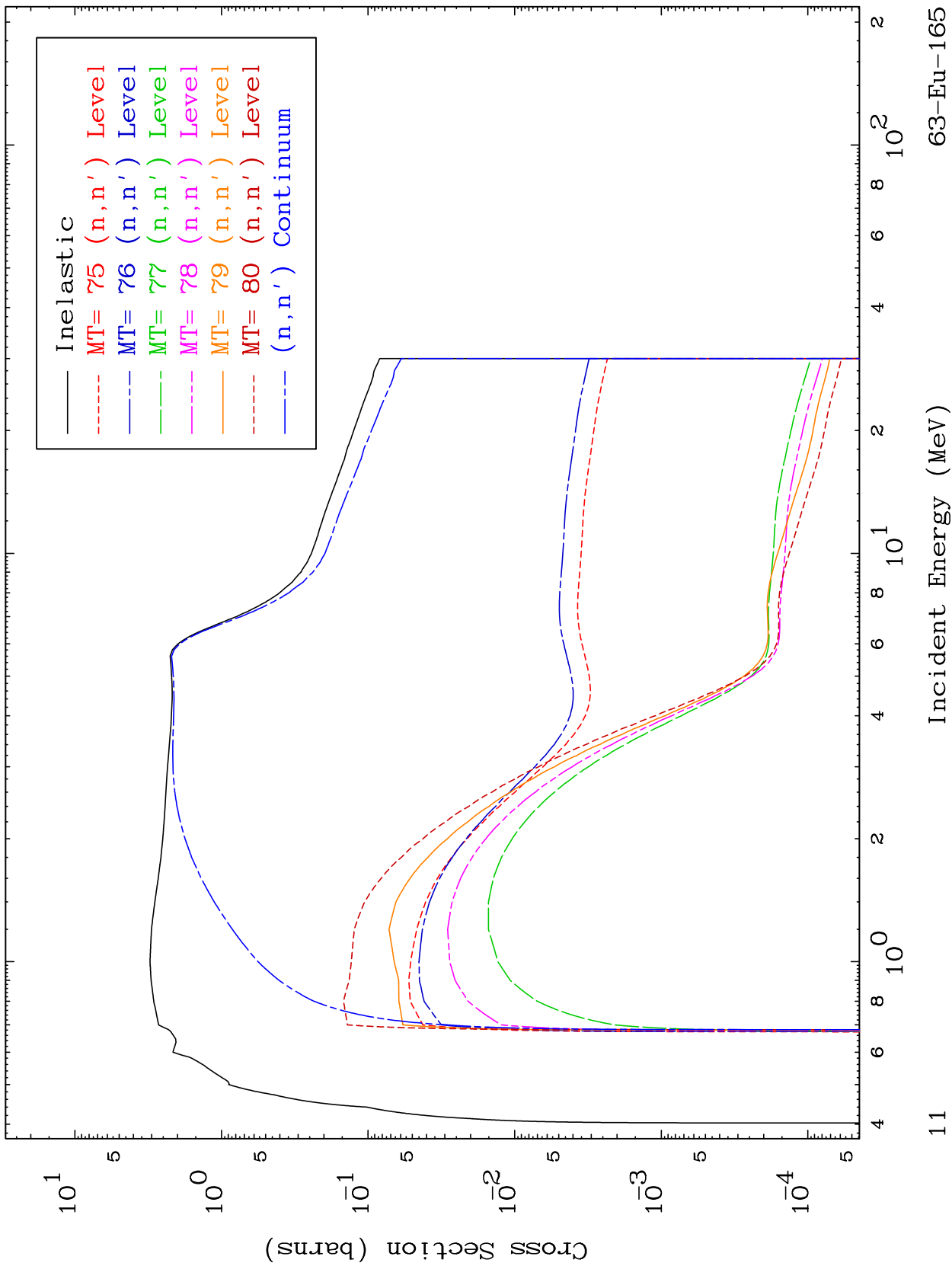
293 Kelvin Cross Sections



10

Incident Energy (MeV)

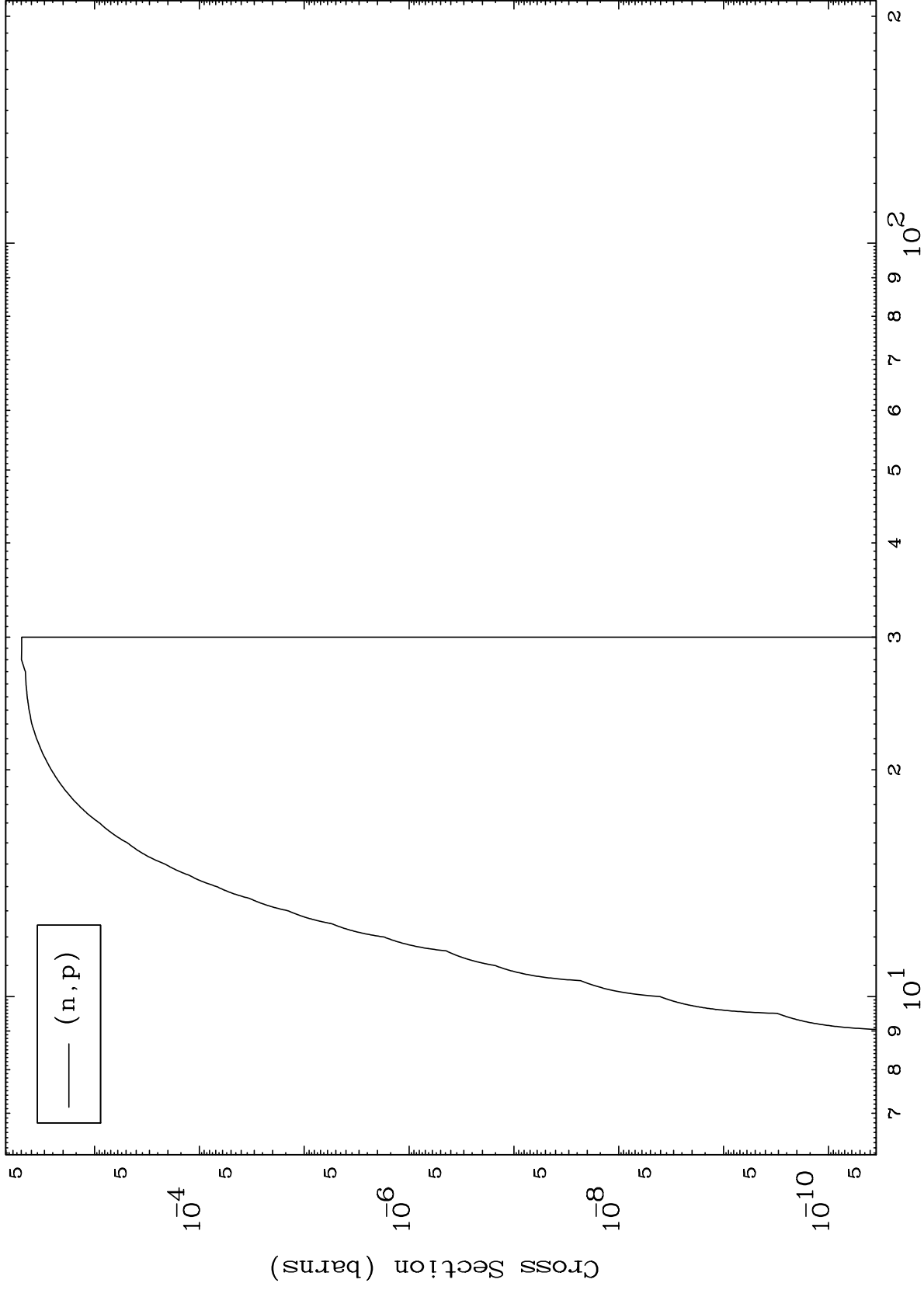
63-Eu-165



MAT 6367

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-165



12

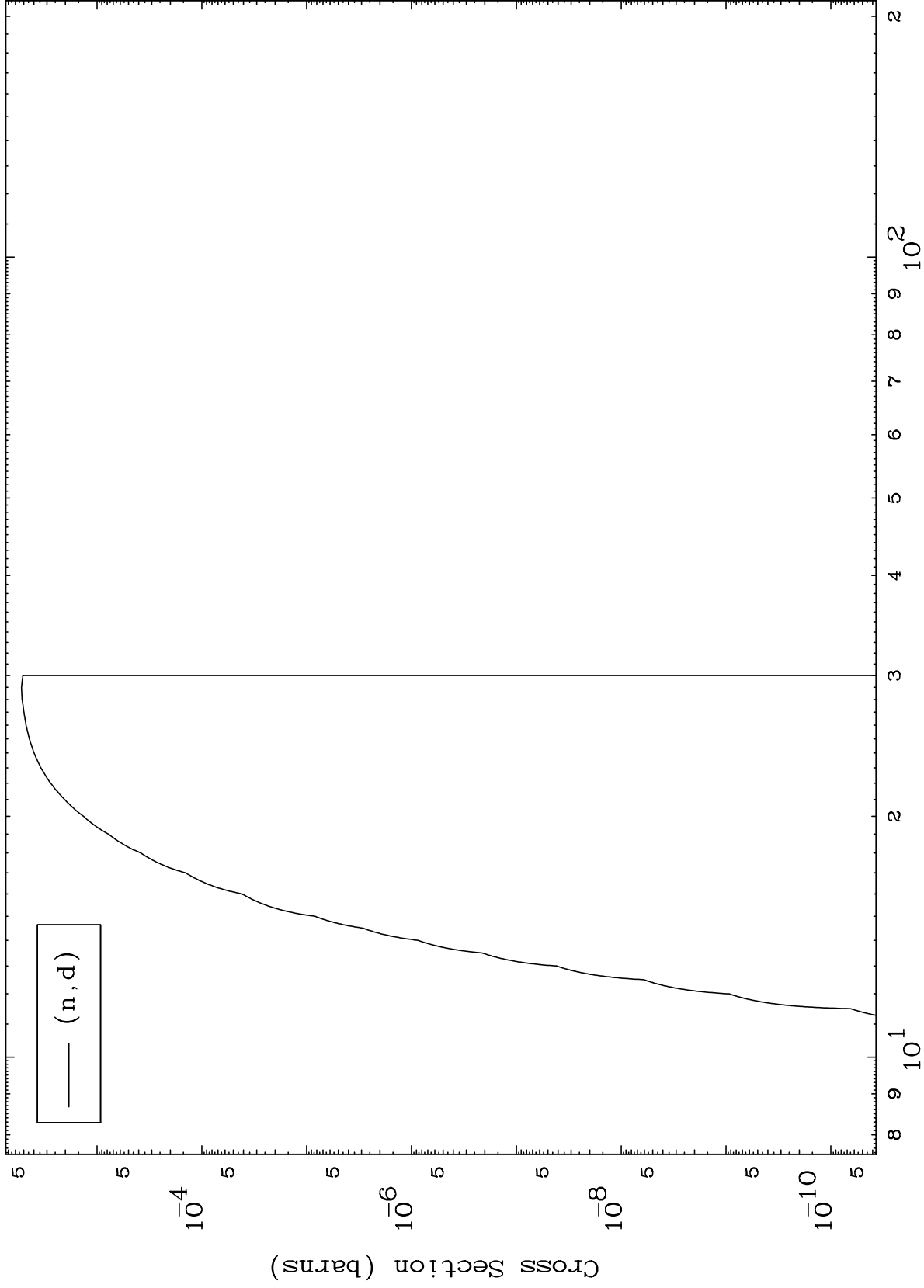
Incident Energy (MeV)

63-Eu-165

MAT 6367

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-165



13

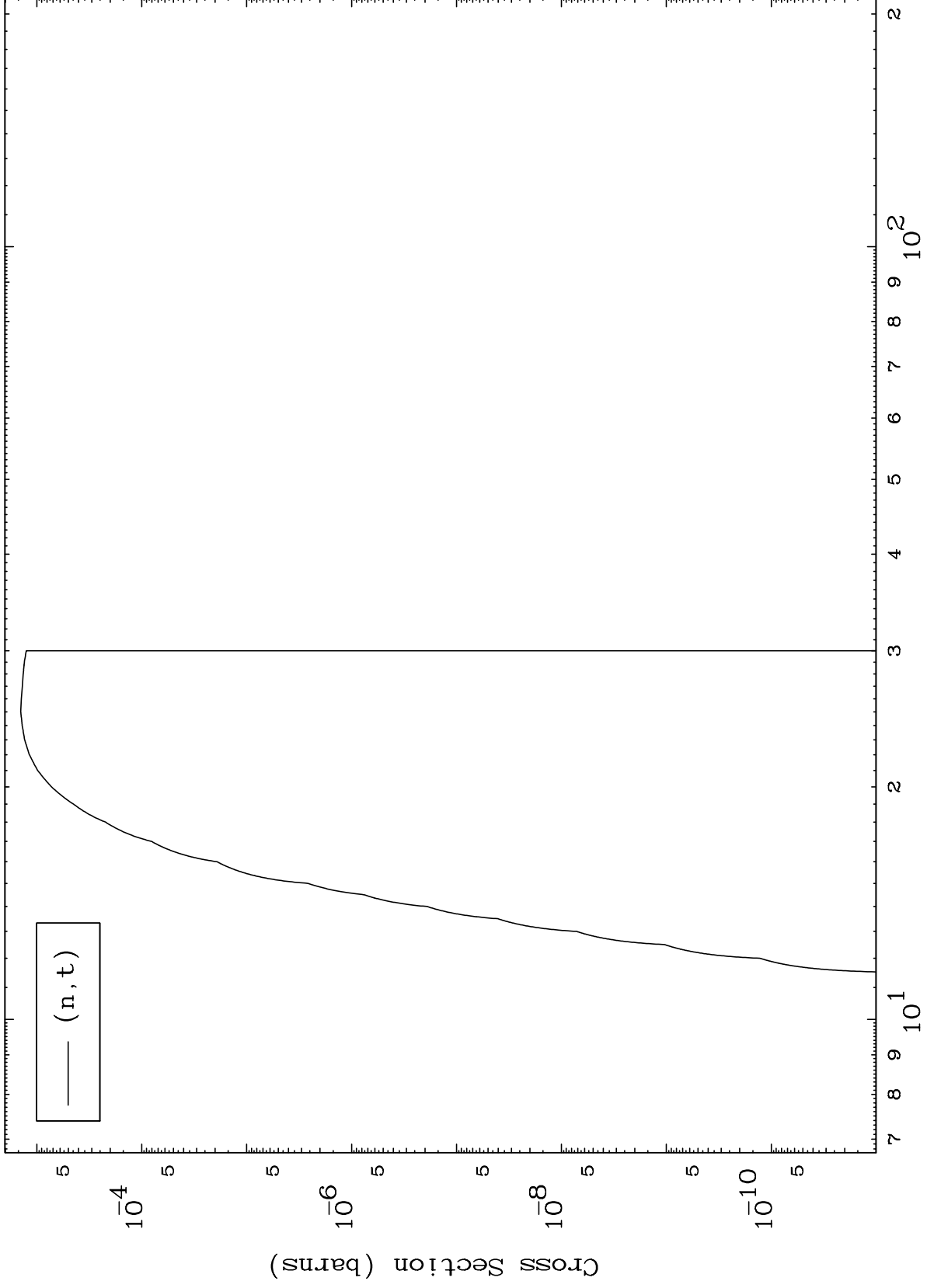
Incident Energy (MeV)

63-Eu-165

MAT 6367

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-165



14

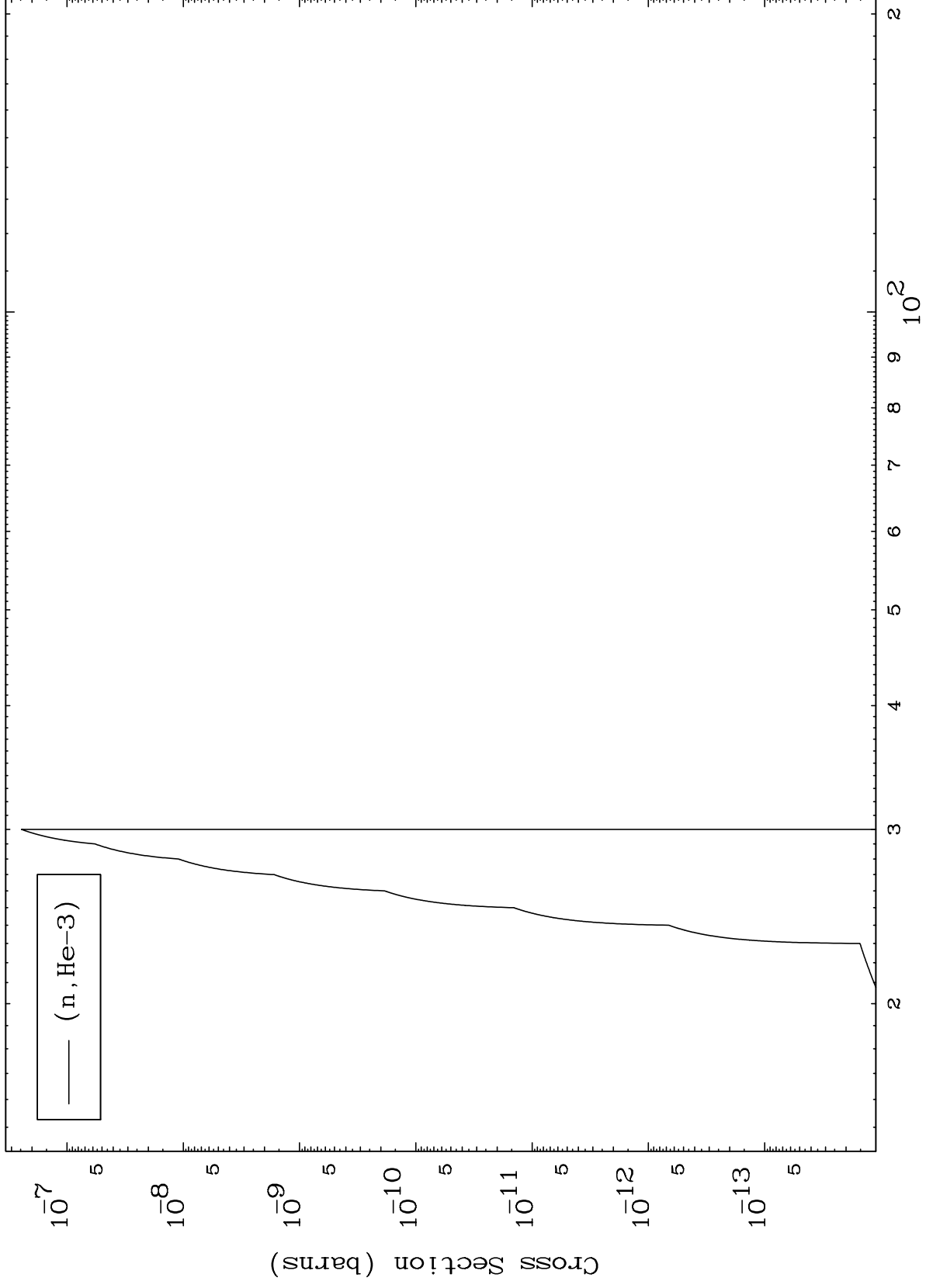
Incident Energy (MeV)

63-Eu-165

MAT 6367

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-165



15

Incident Energy (MeV)

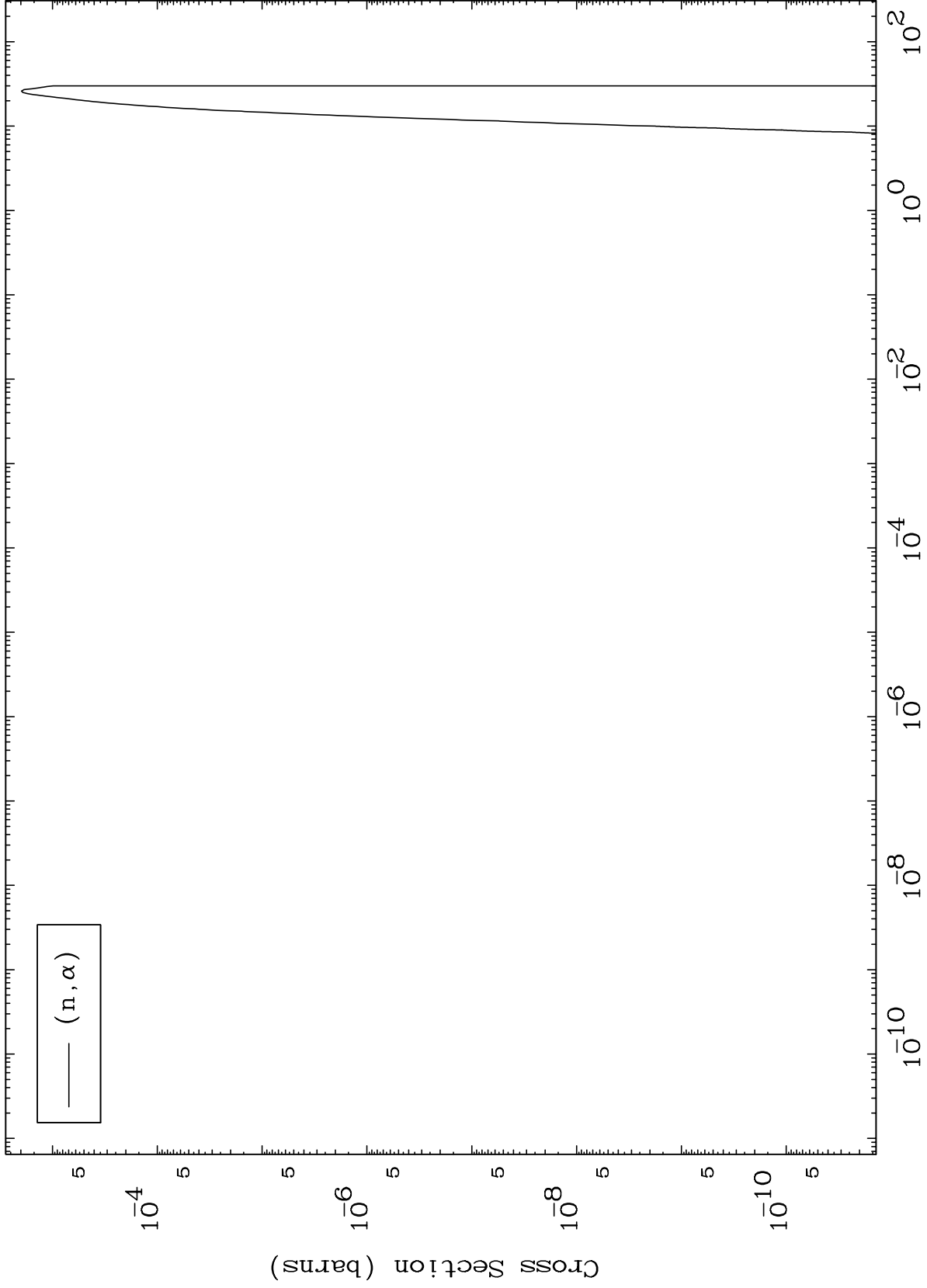
63-Eu-165



MAT 6367

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

63-Eu-165



16

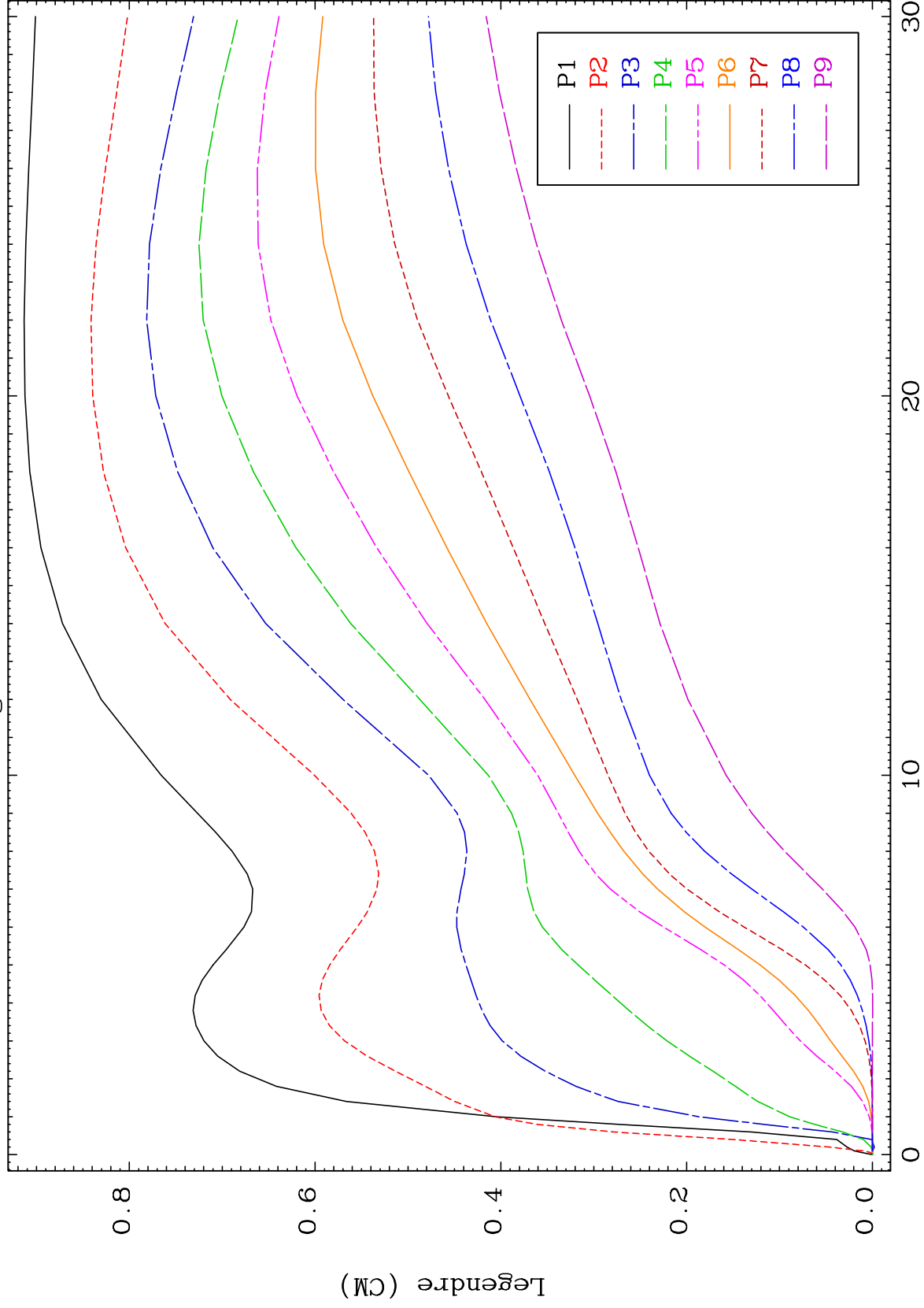
Incident Energy (MeV)

63-Eu-165

MAT 6367

Elastic Legendre Coefficients

63-Eu-165



17

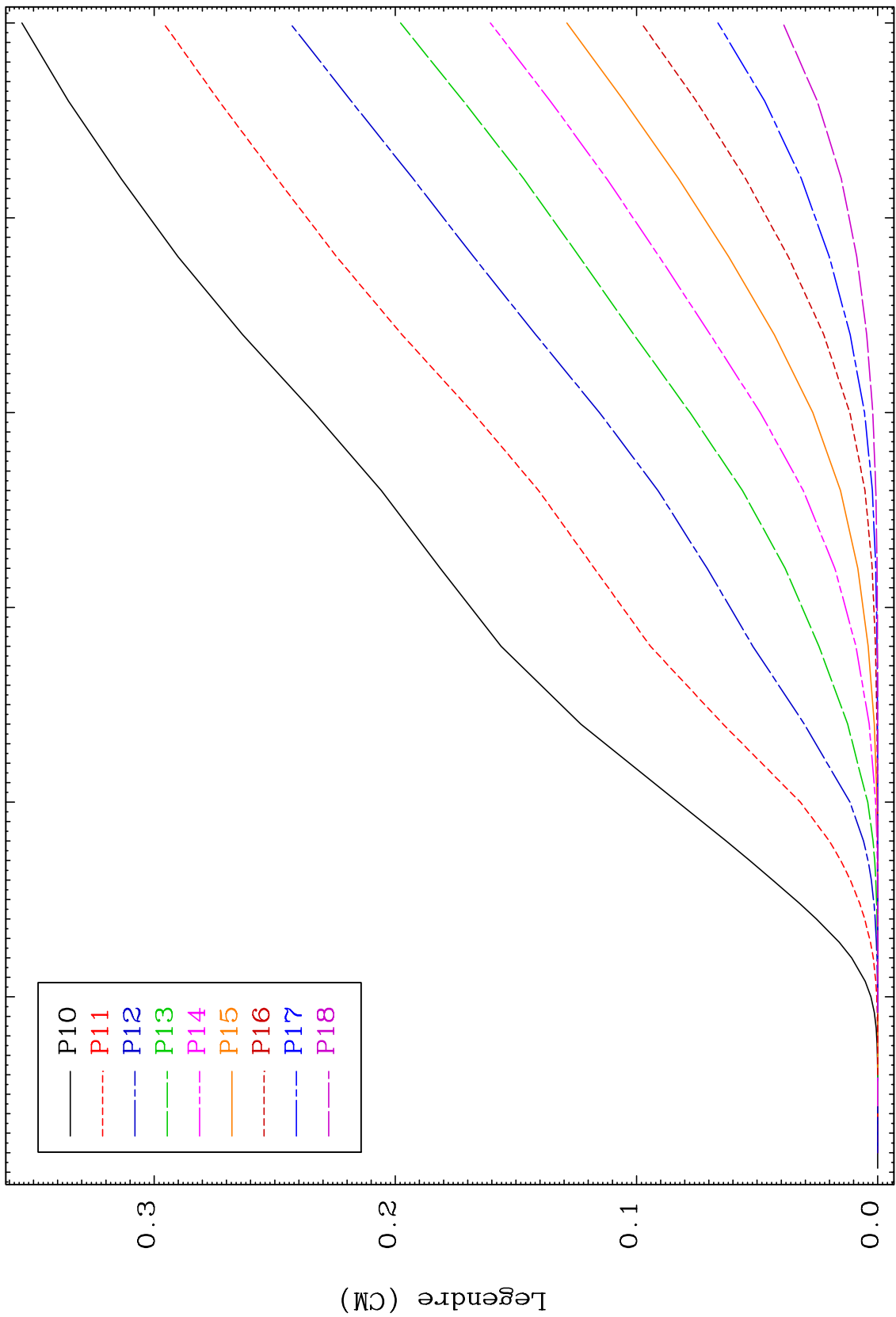
Incident Energy (MeV)

63-Eu-165

MAT 6367

Elastic Legendre Coefficients

63-Eu-165



18

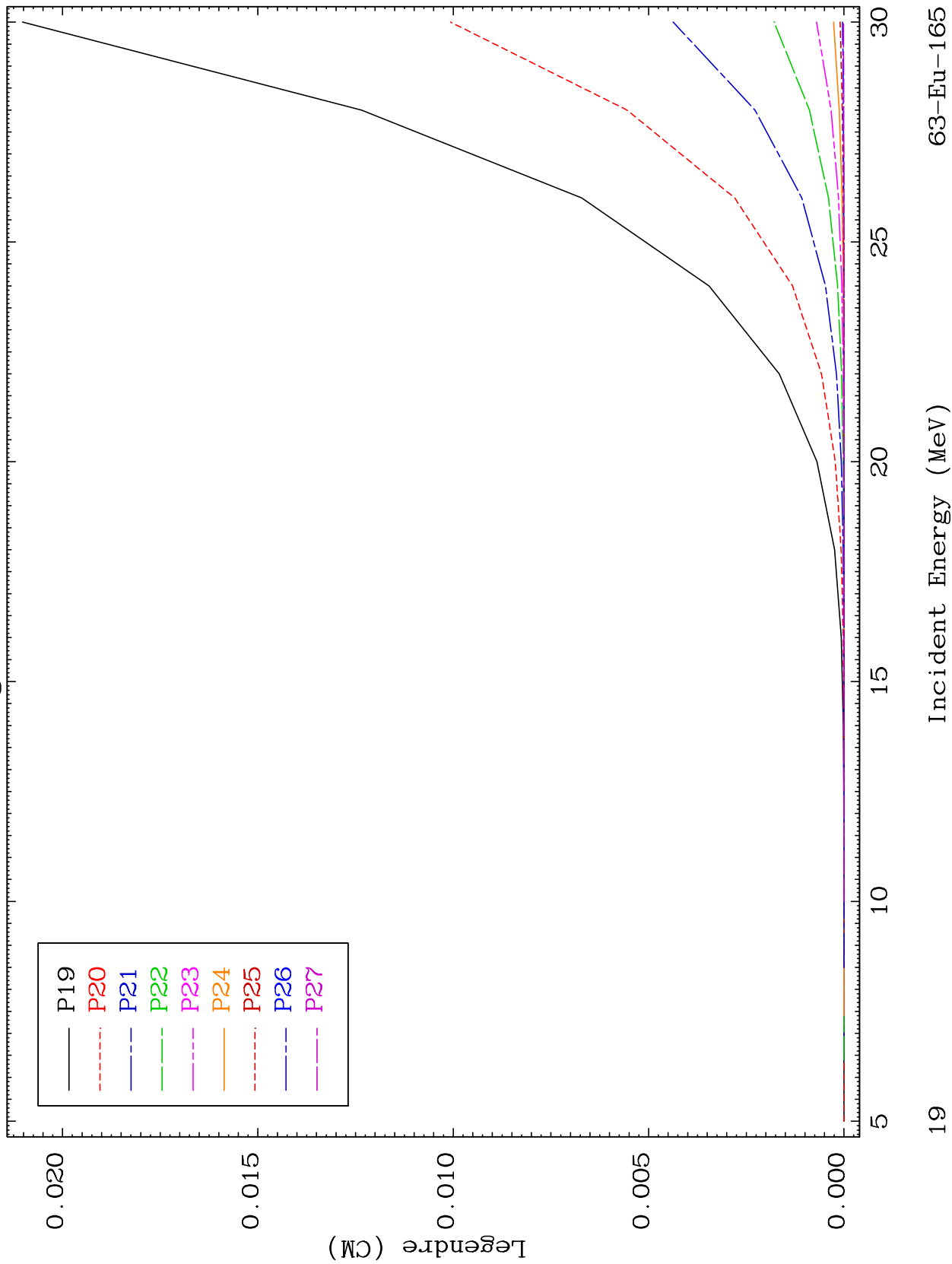
Incident Energy (MeV)

63-Eu-165

MAT 6367

### Elastic Legendre Coefficients

63-Eu-165



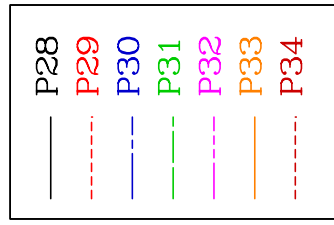
19

63-Eu-165

MAT 6367

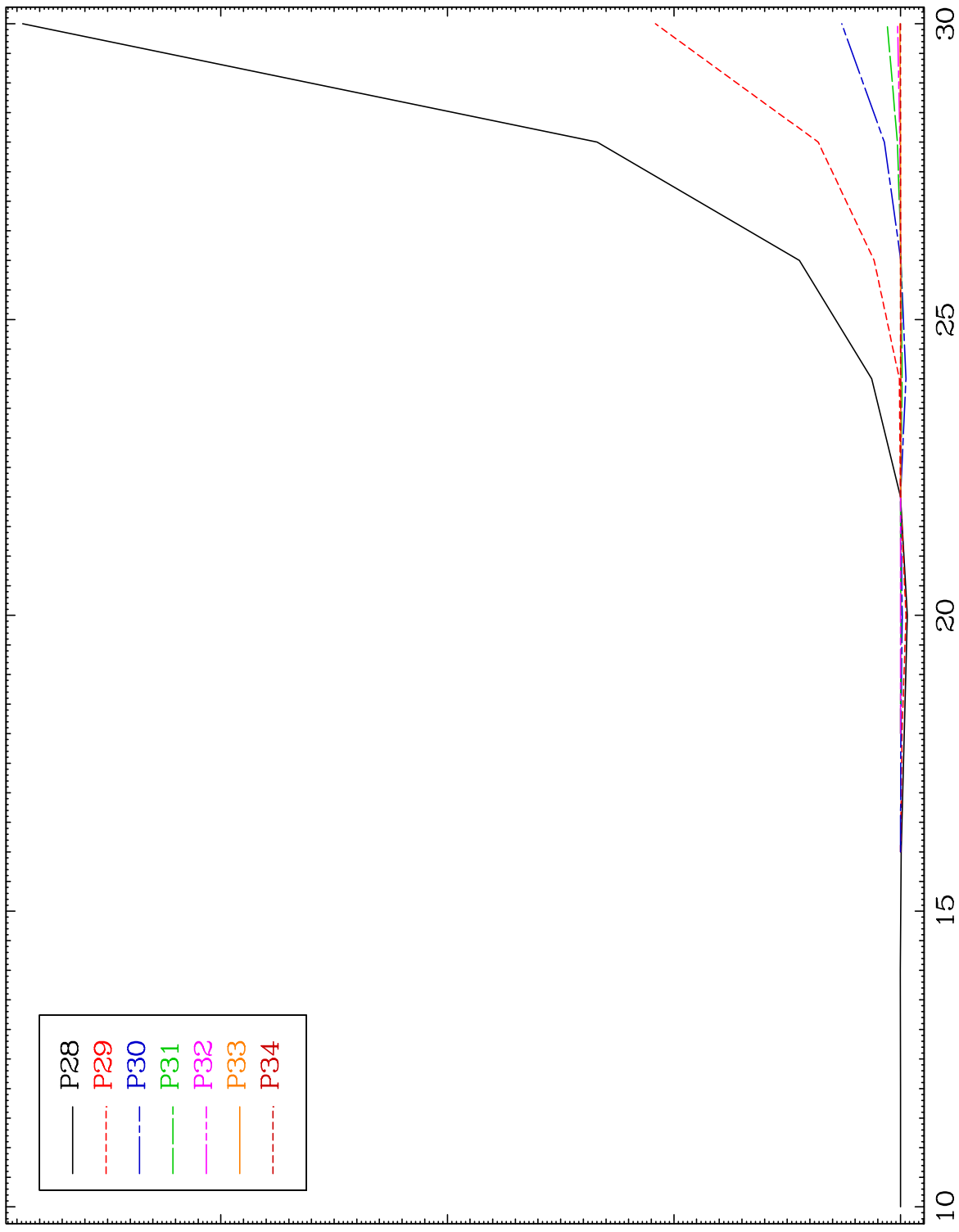
Elastic  
Legendre Coefficients

63-Eu-165



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

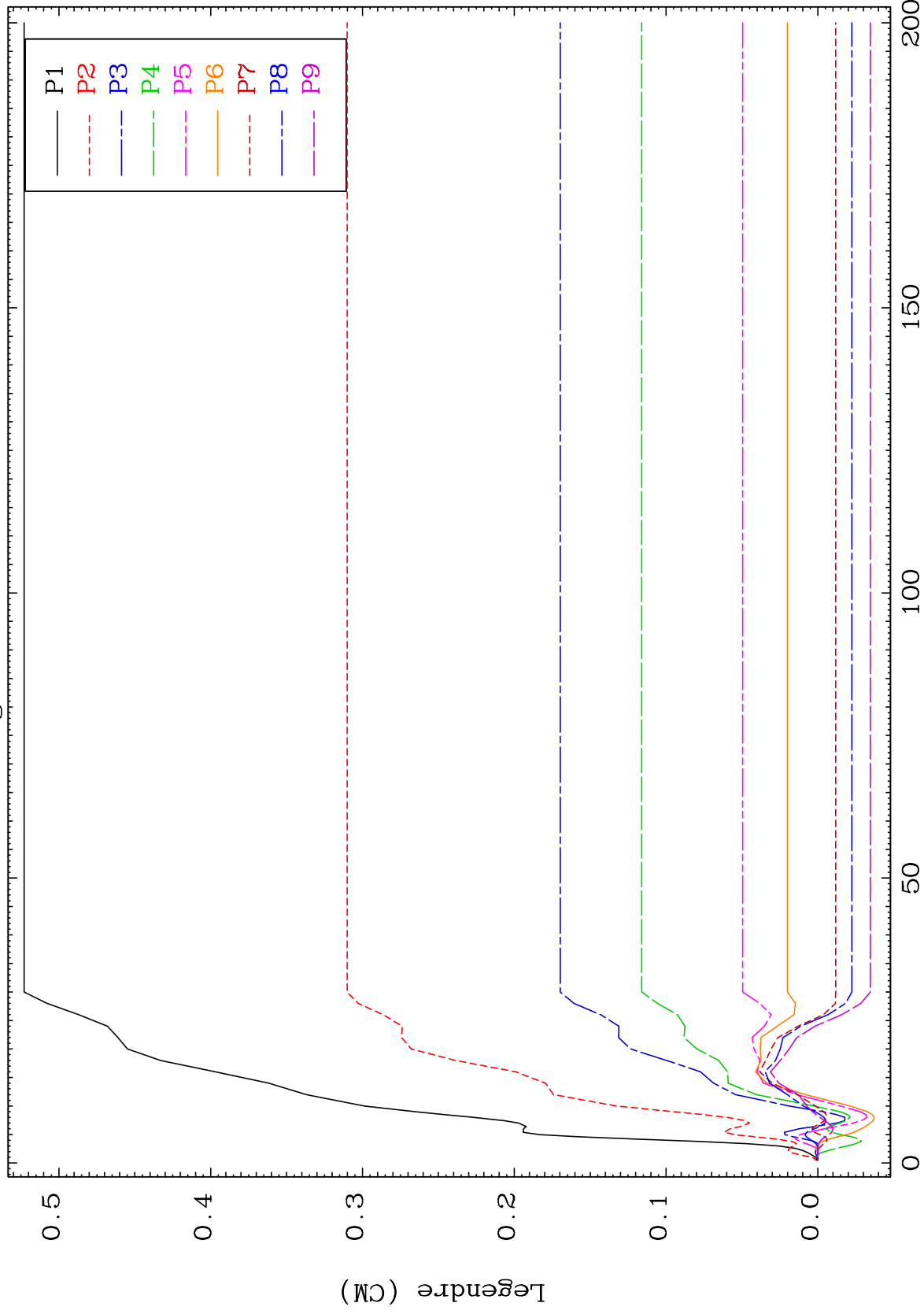
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



21

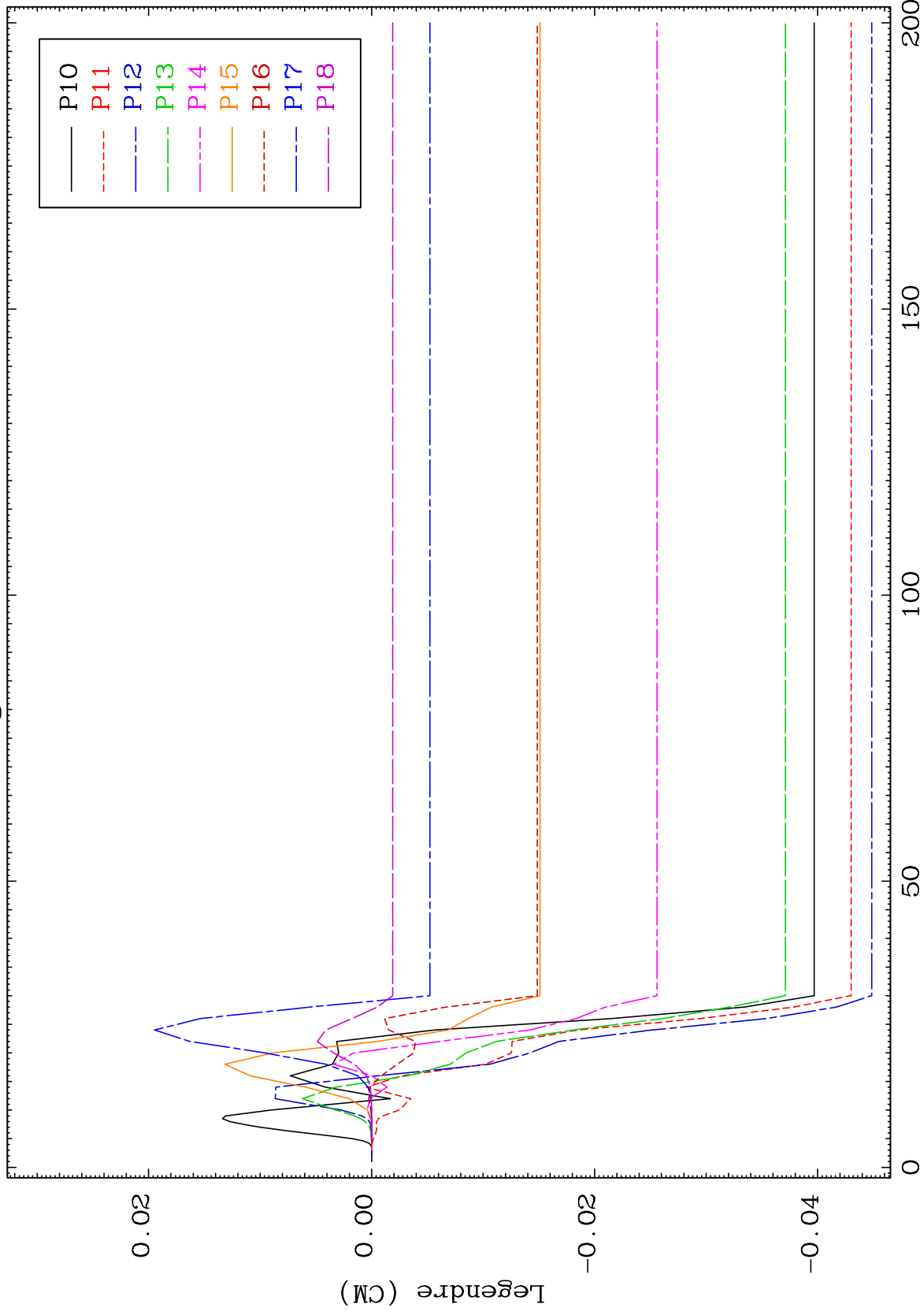
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

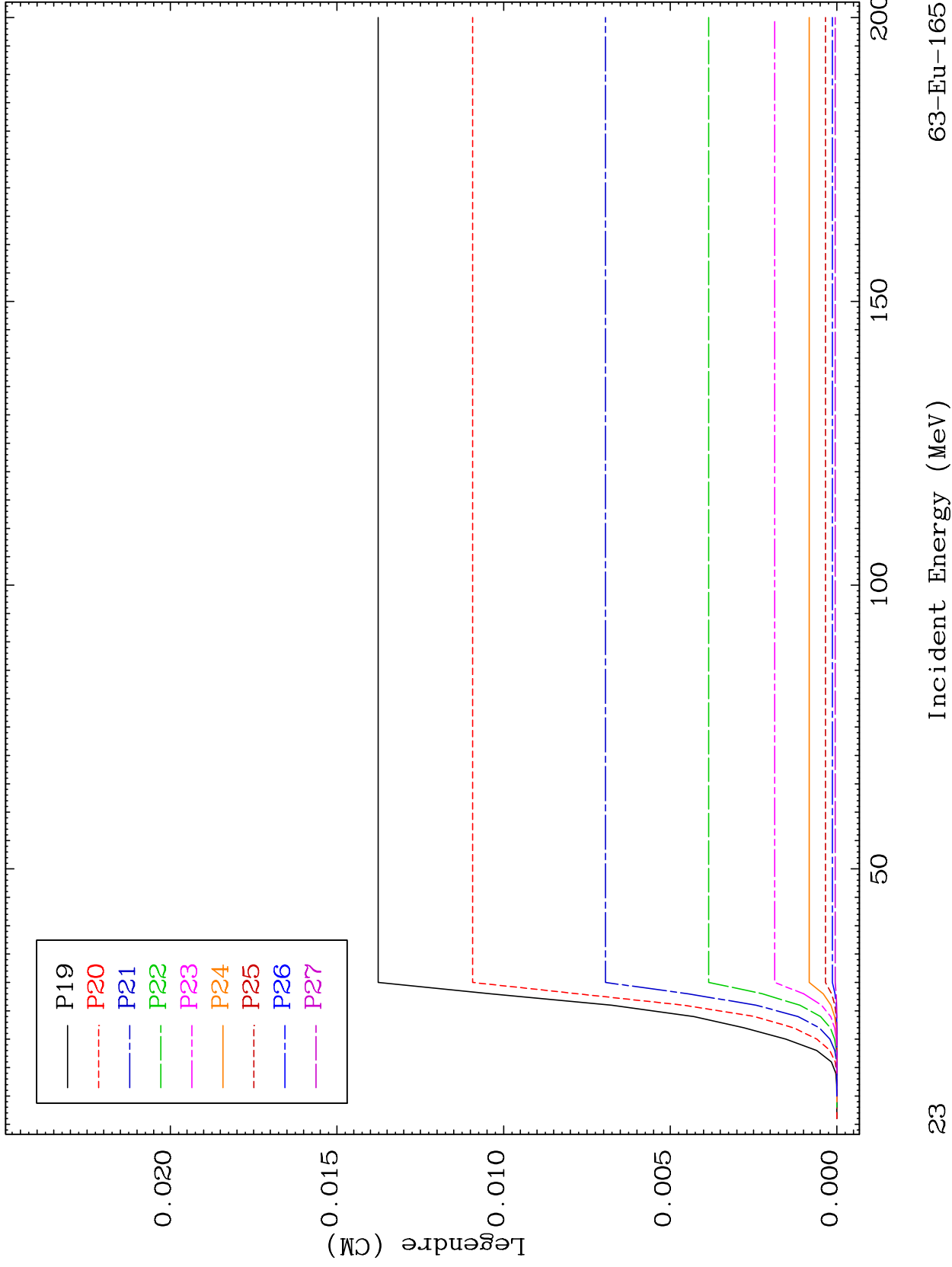
63-Eu-165



22

Incident Energy (MeV)

63-Eu-165

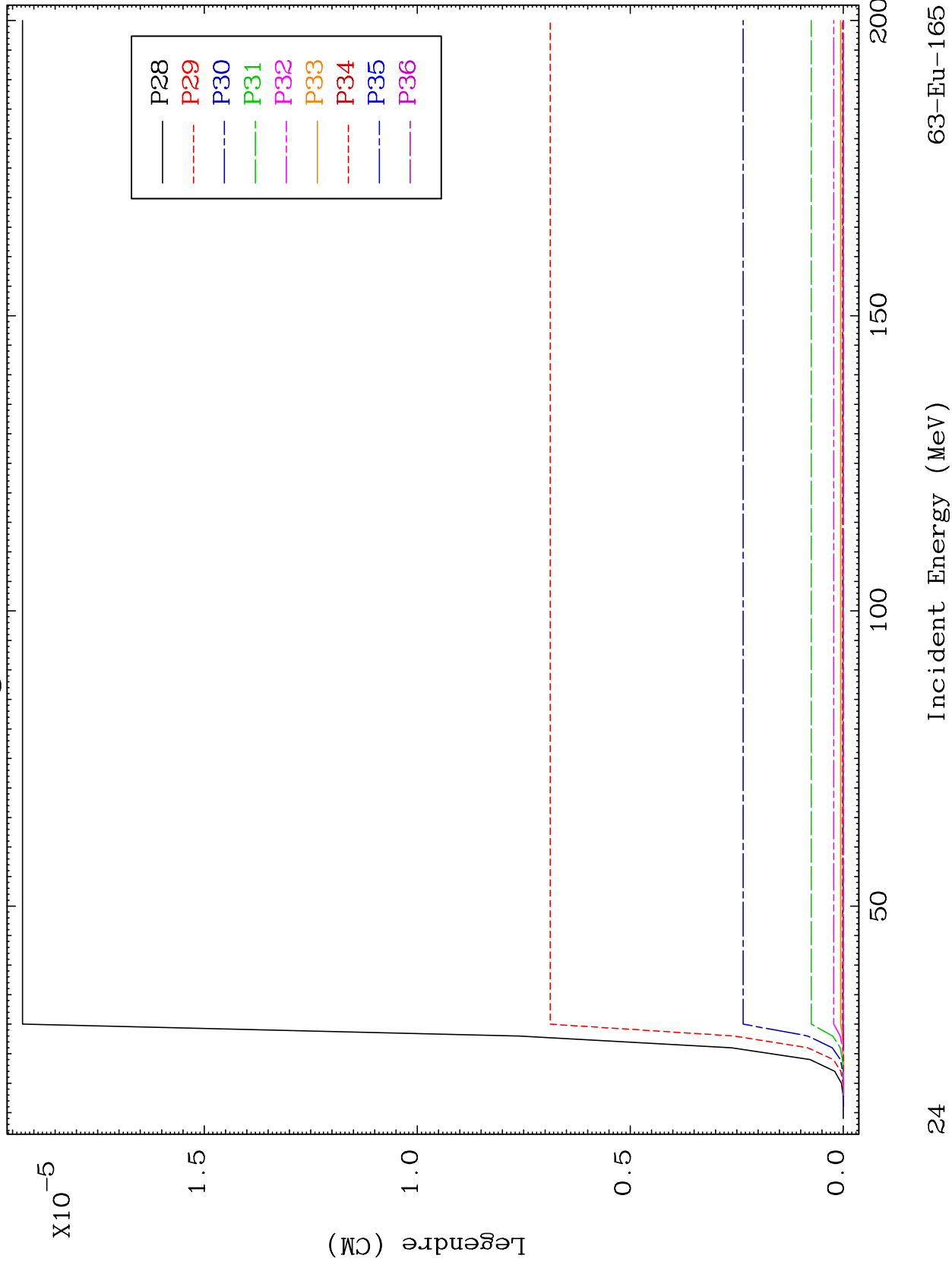




MAT 6367

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

63-Eu-165



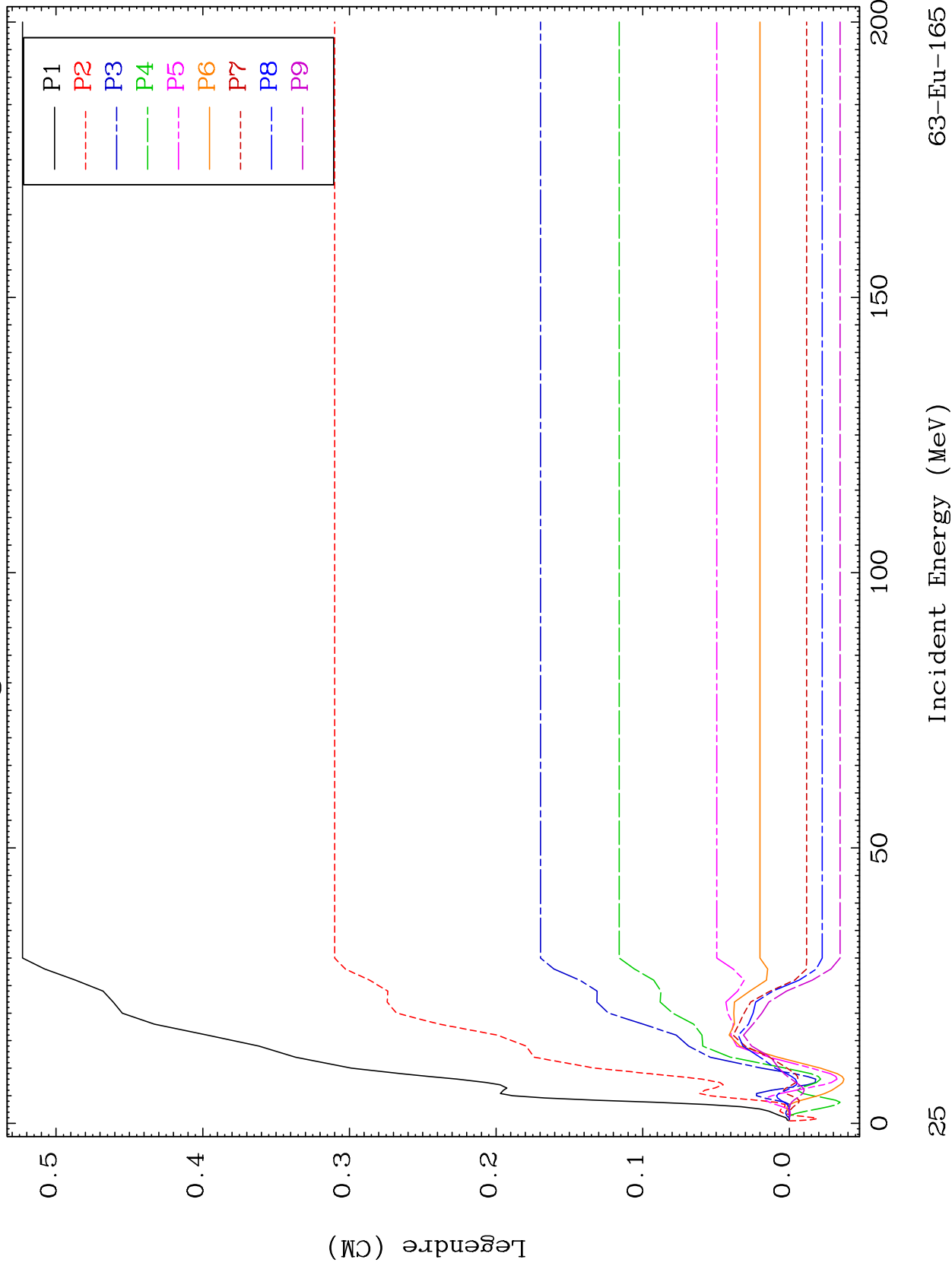
24

63-Eu-165

MAT 6367

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

63-Eu-165



25

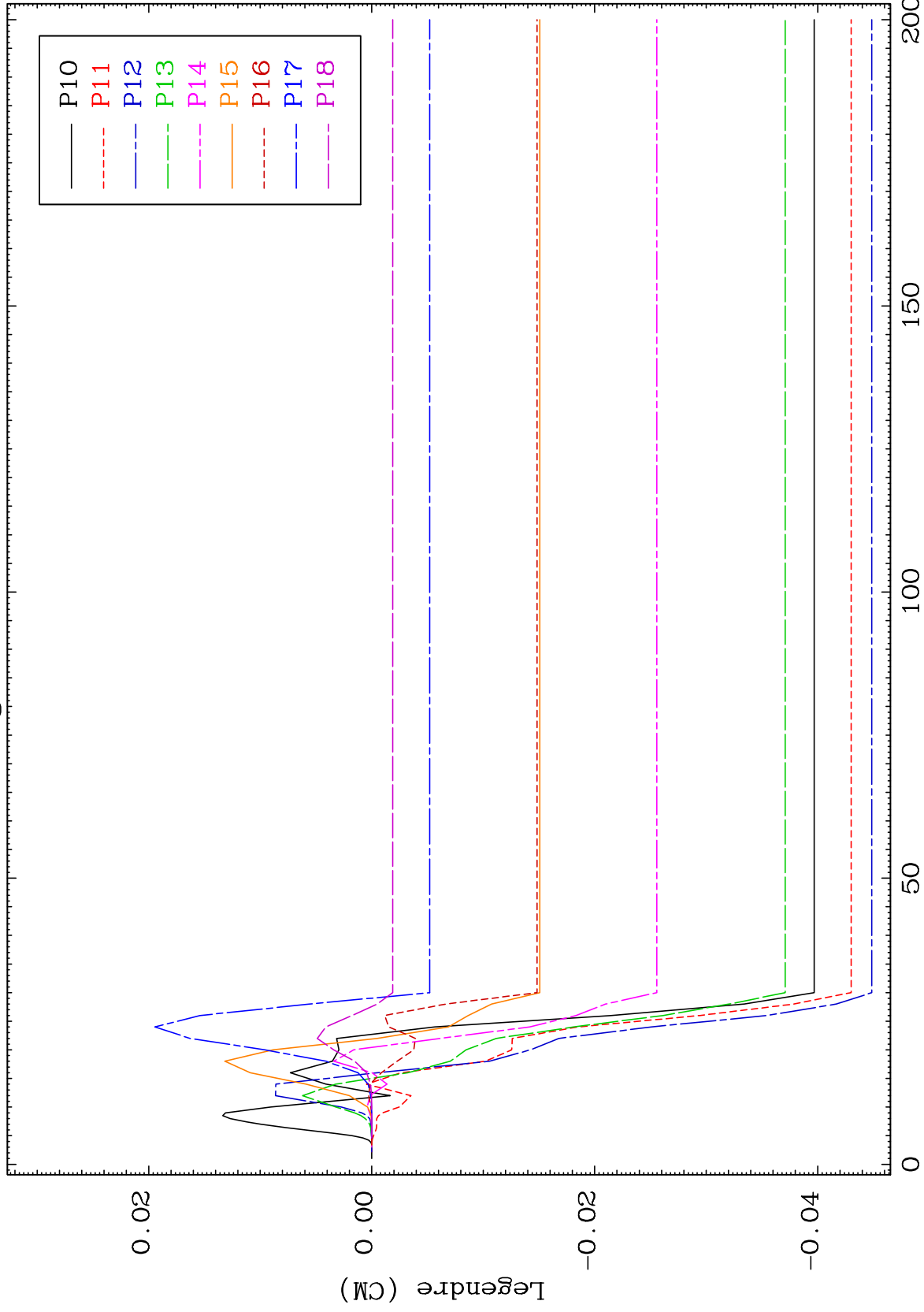
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

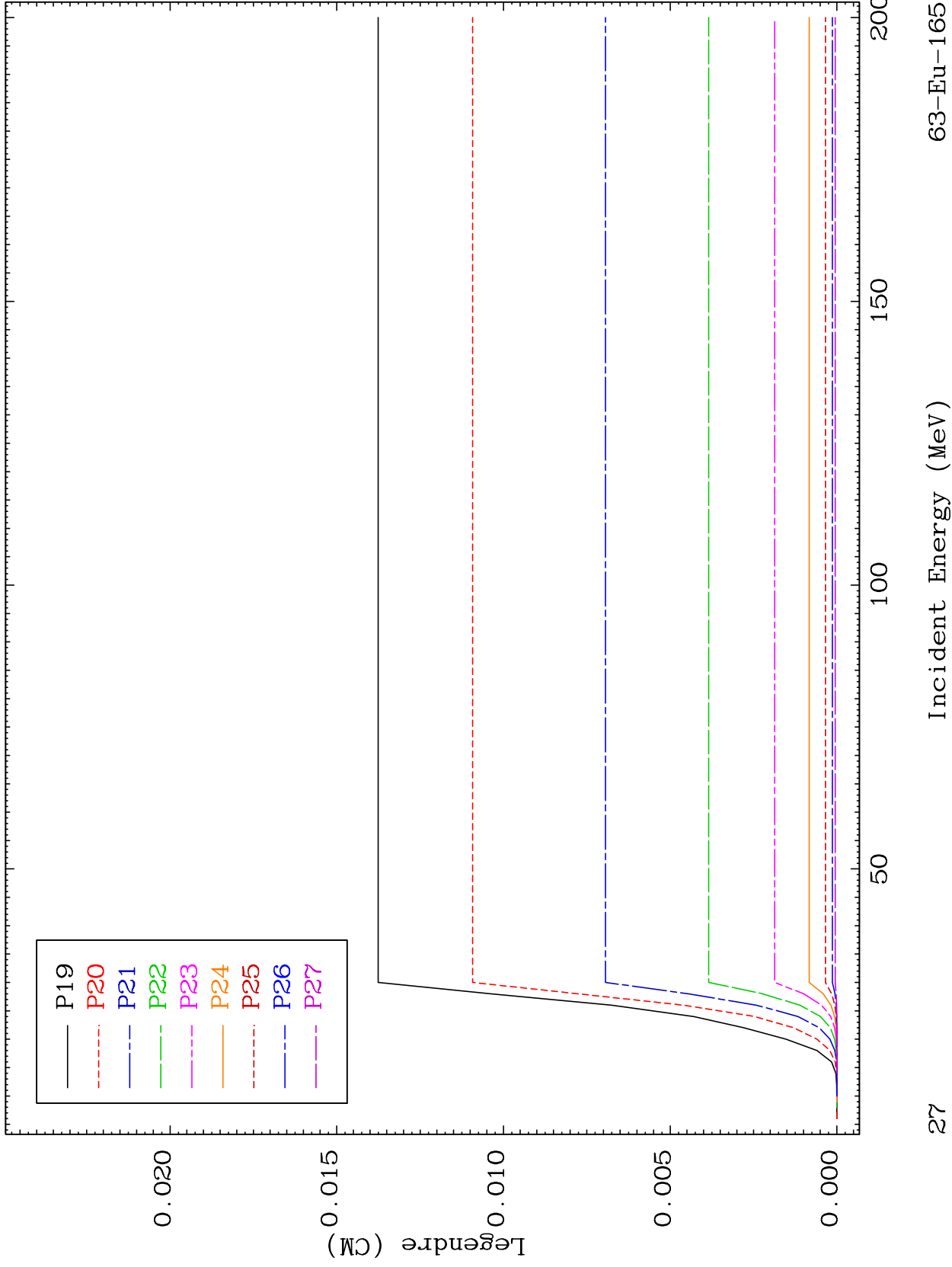
63-Eu-165



26

Incident Energy (MeV)

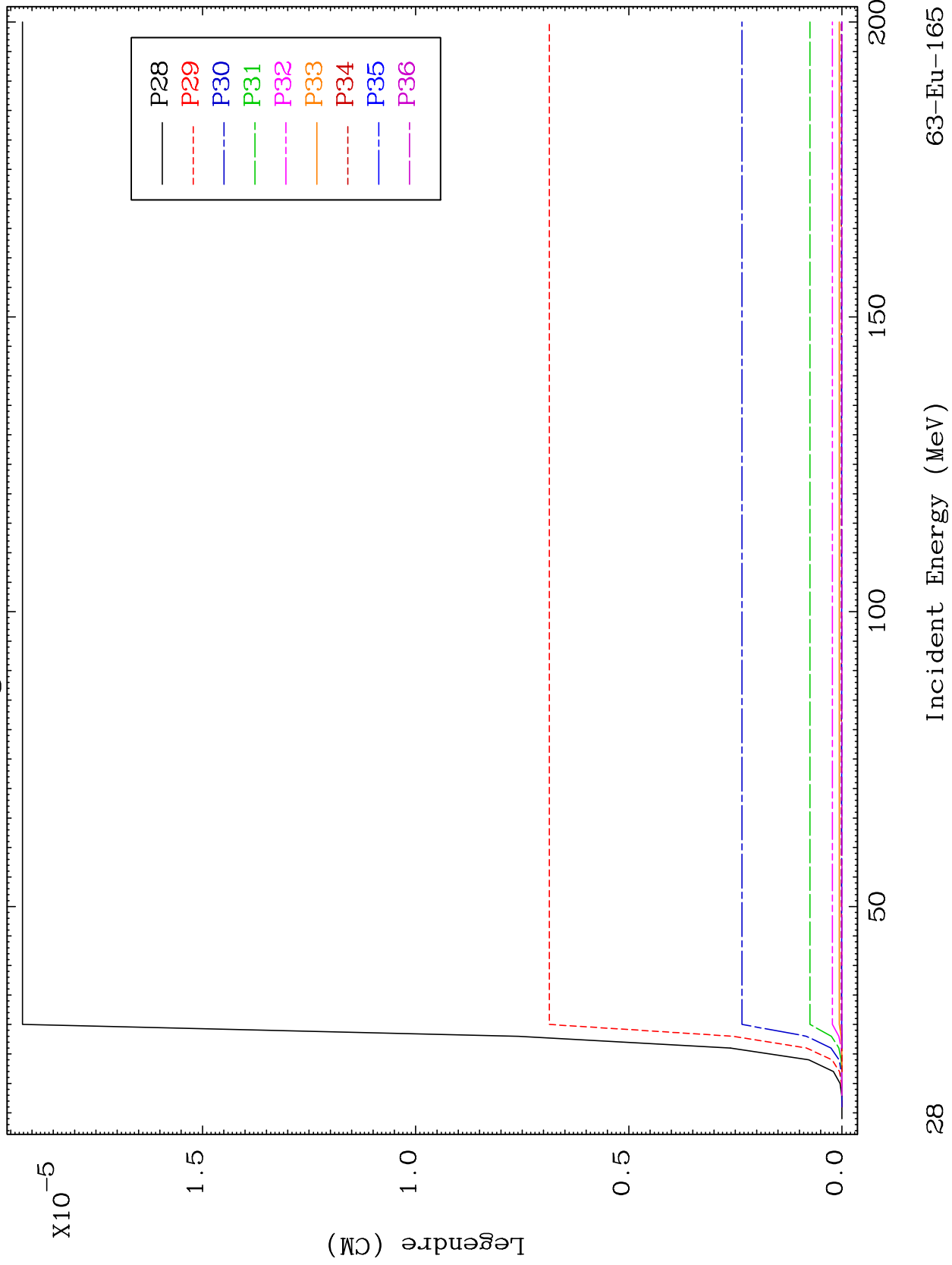
63-Eu-165



MAT 6367

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

63-Eu-165



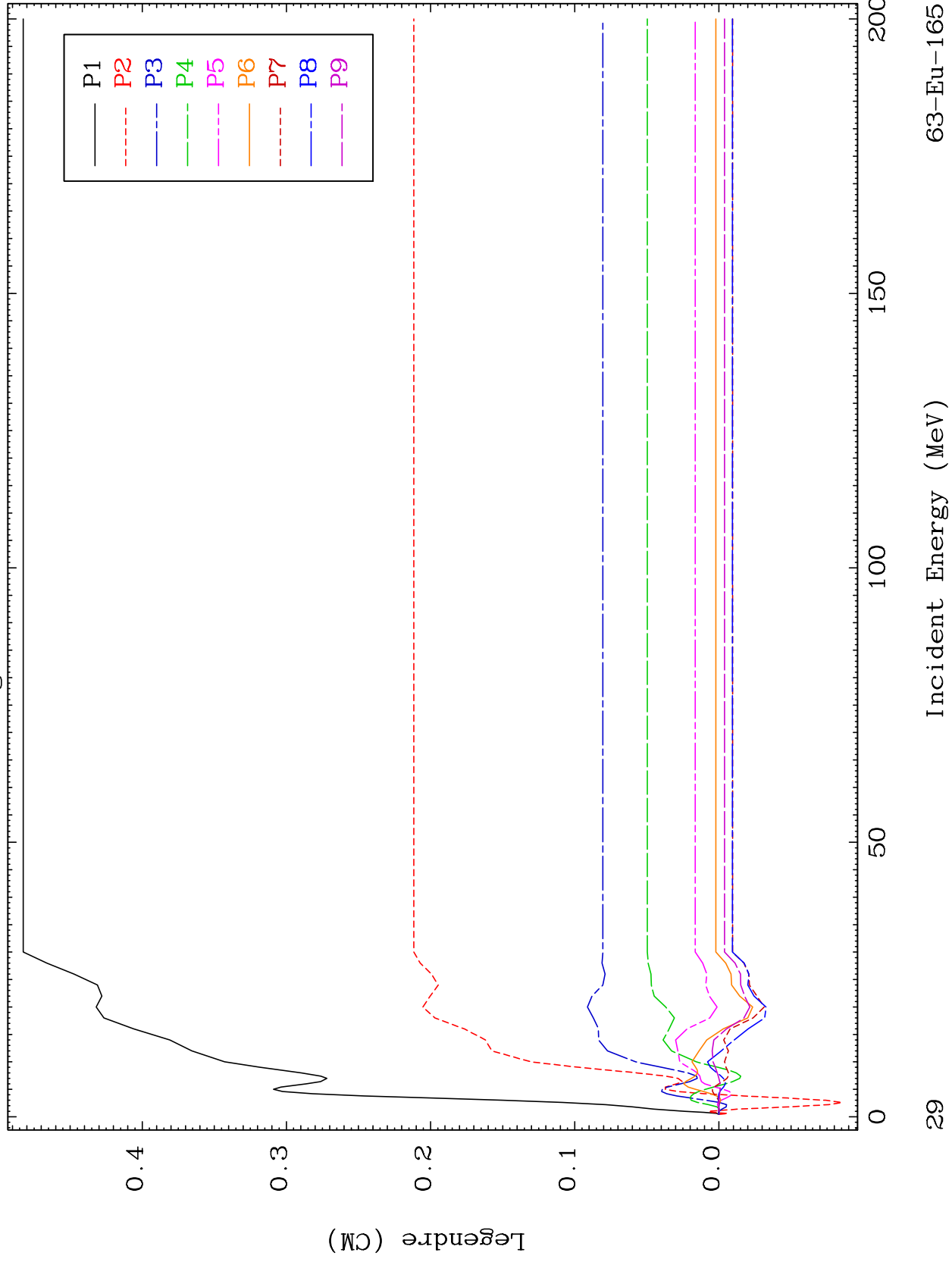
28

63-Eu-165

MAT 6367

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

63-Eu-165



63-Eu-165

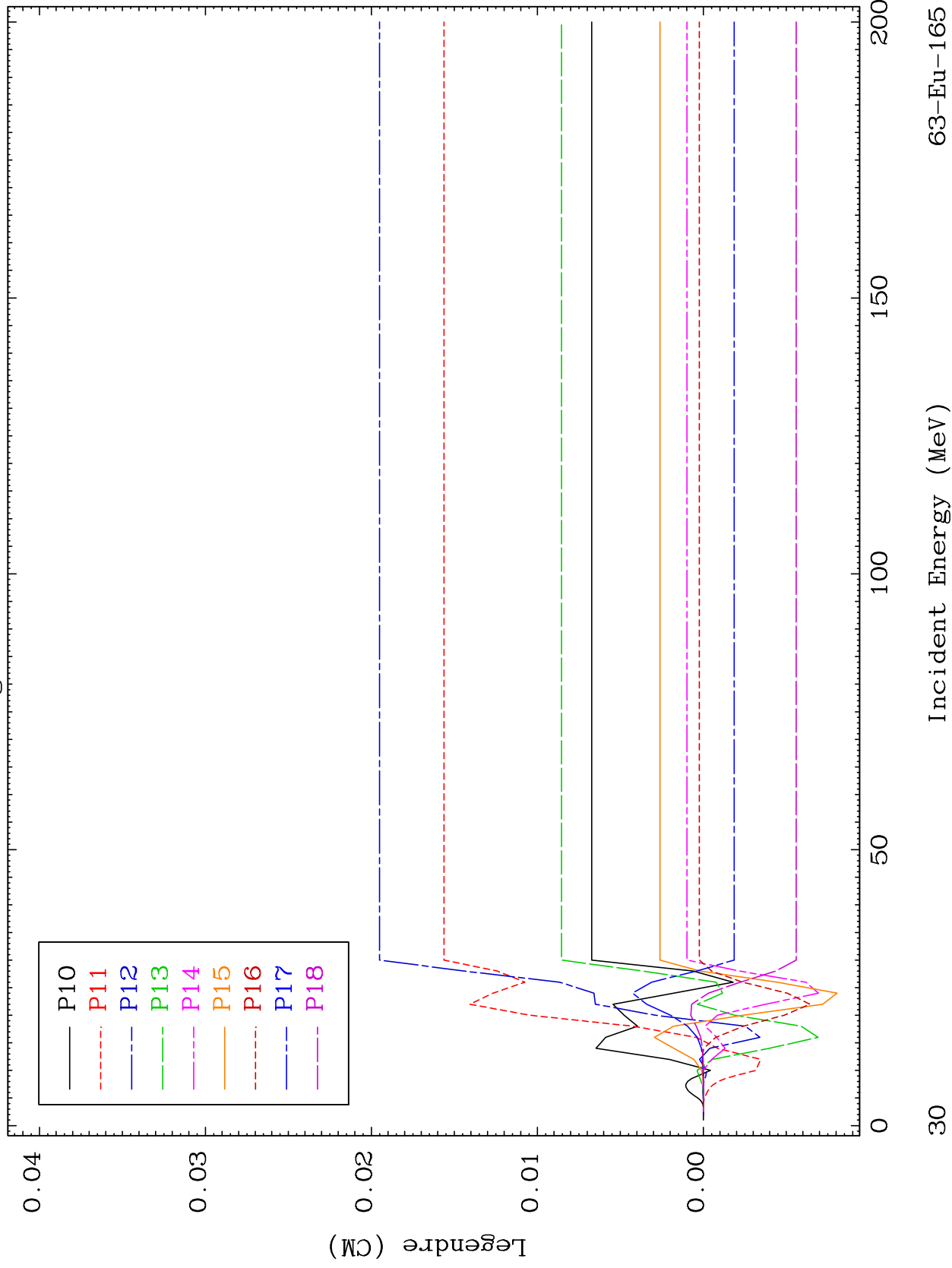
Incident Energy (MeV)

29

MAT 6367

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

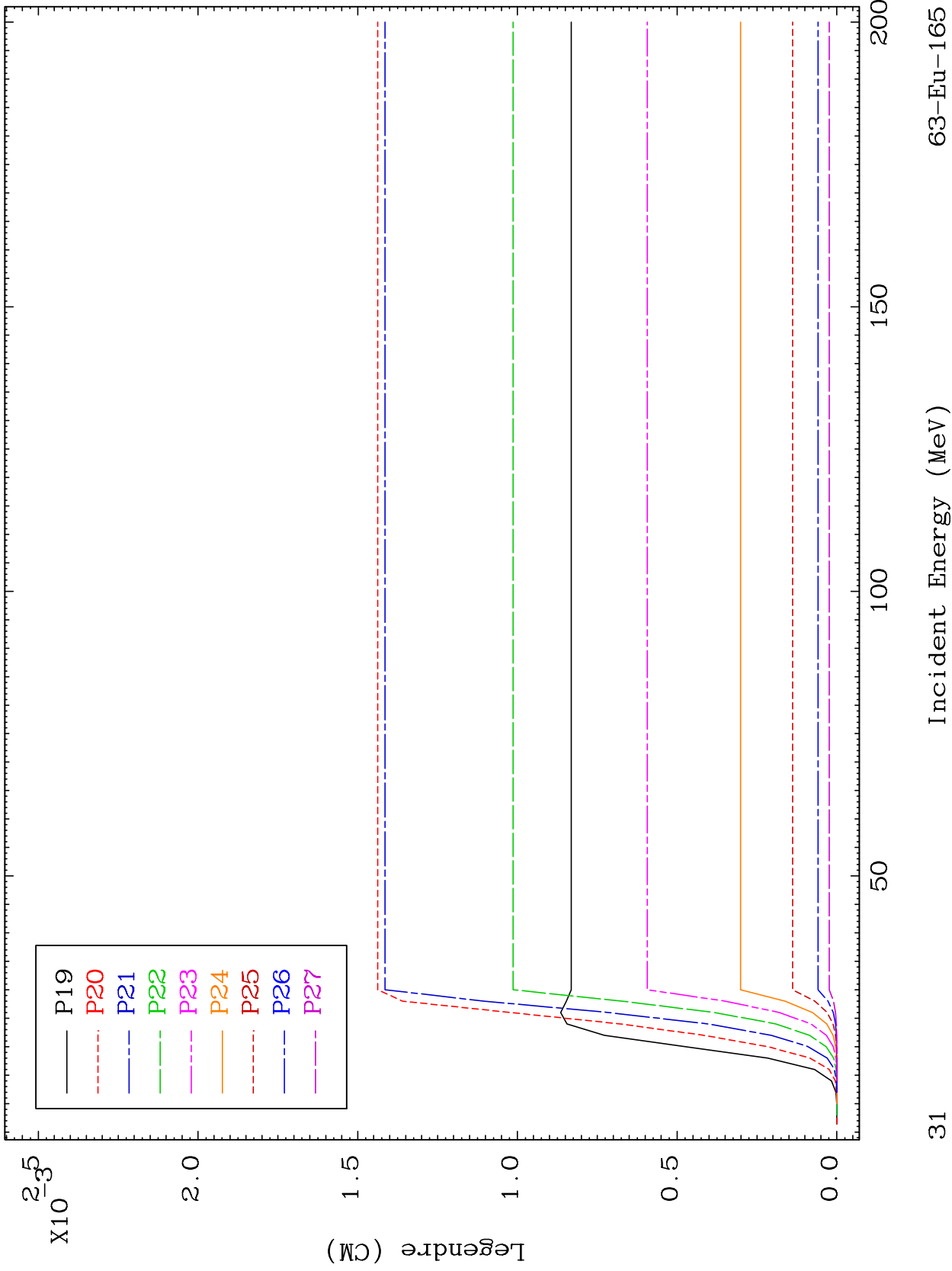
63-Eu-165



63-Eu-165

Incident Energy (MeV)

30

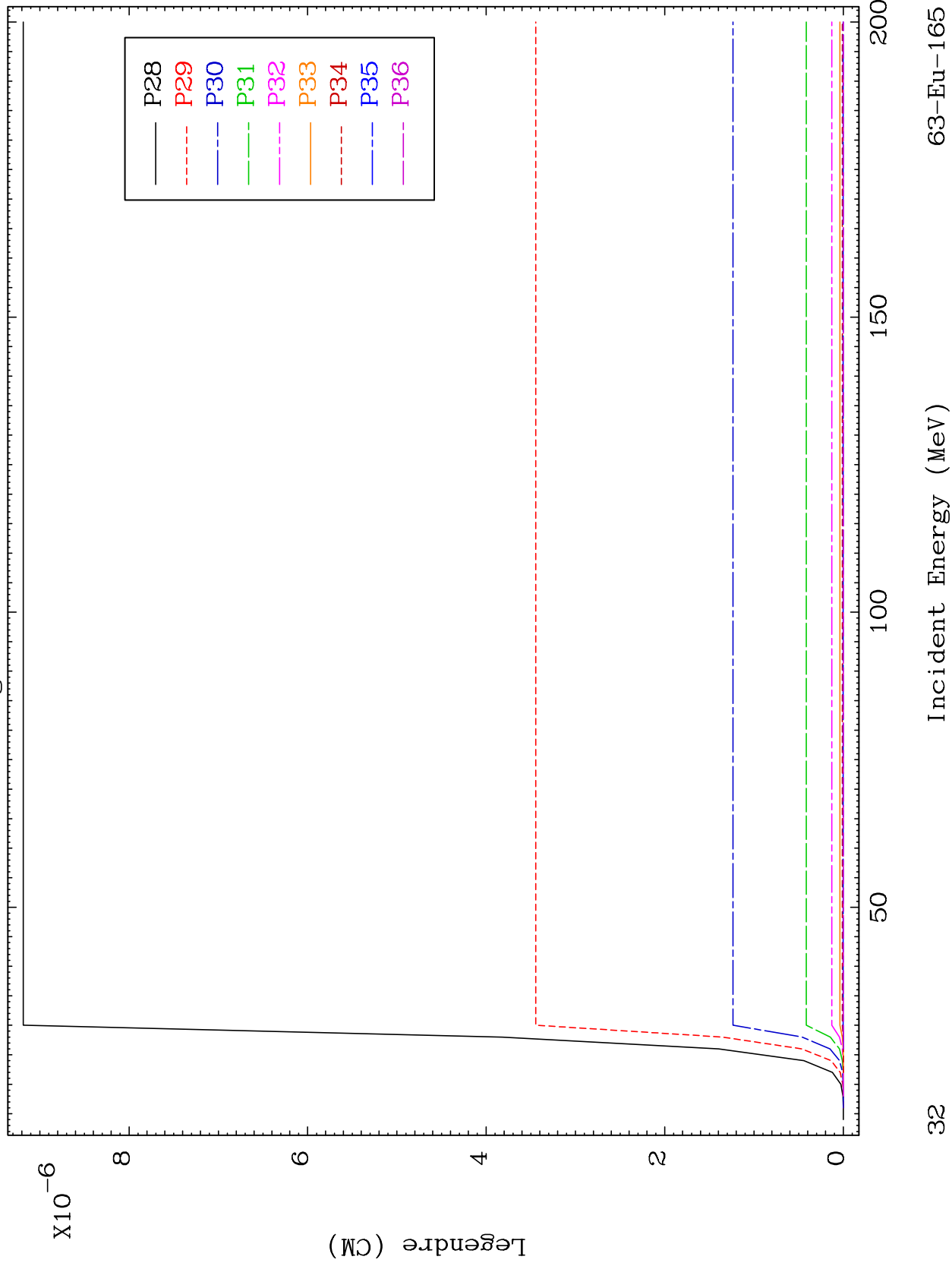




MAT 6367

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

63-Eu-165



32

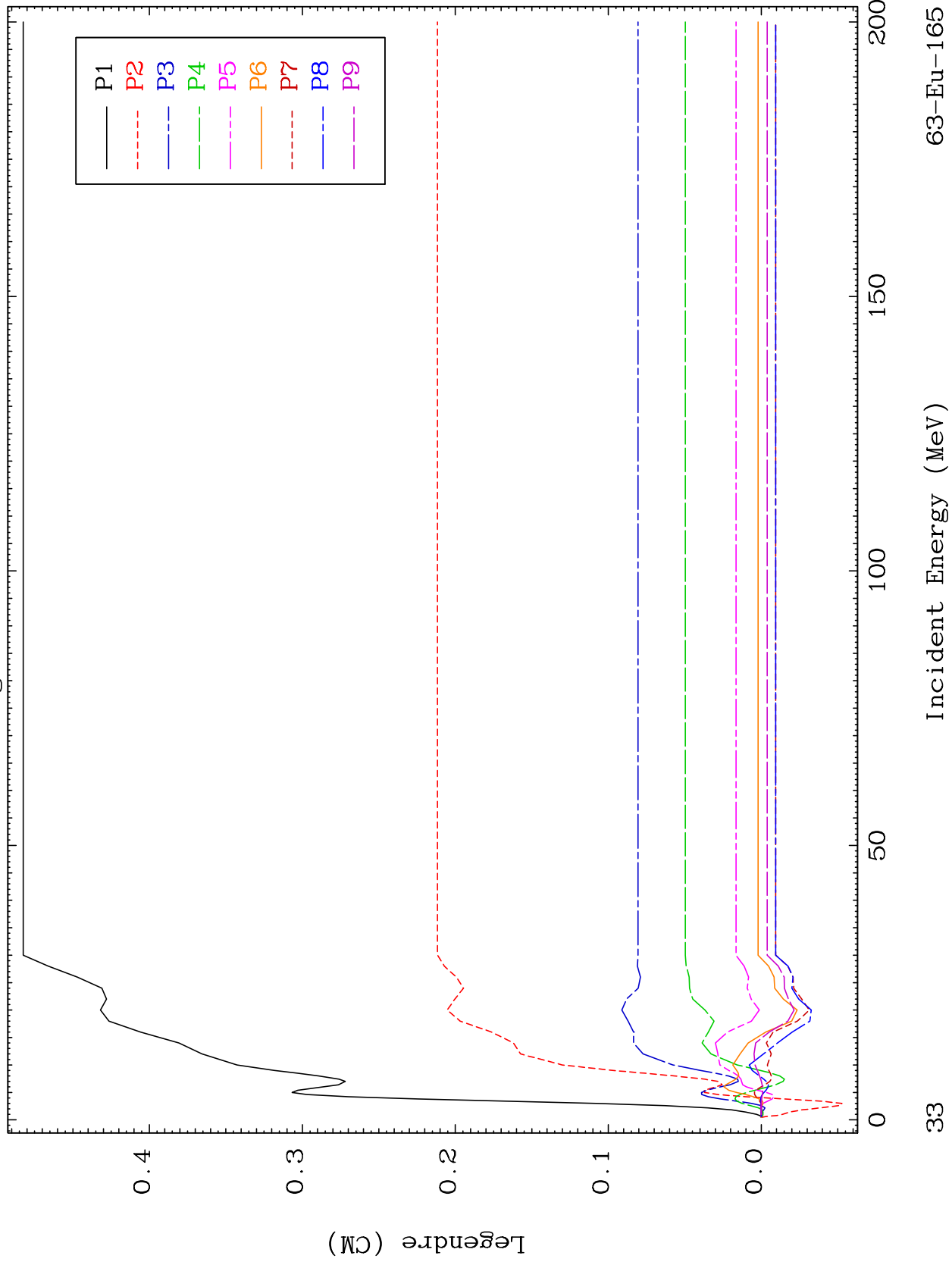
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



33

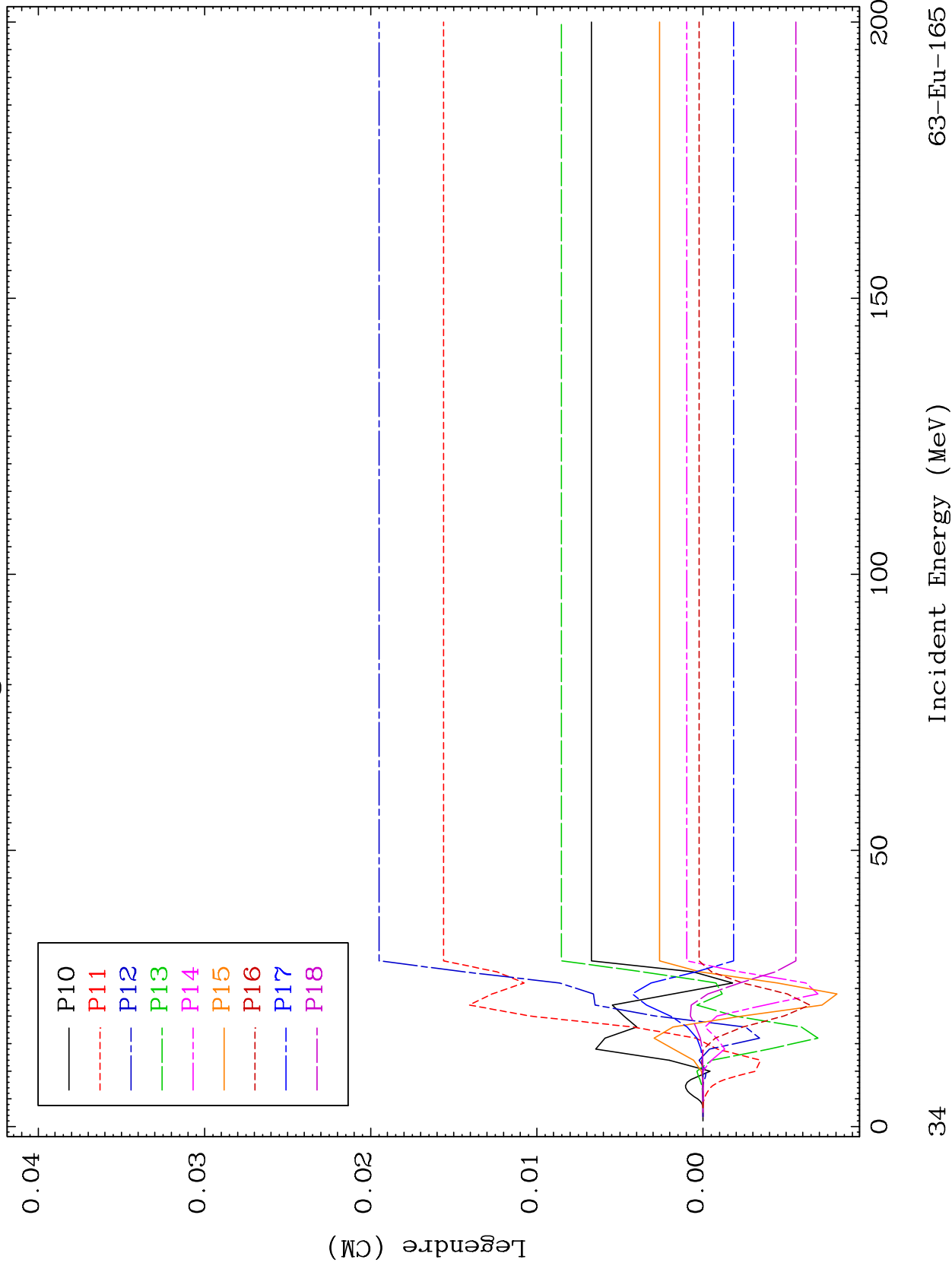
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



34

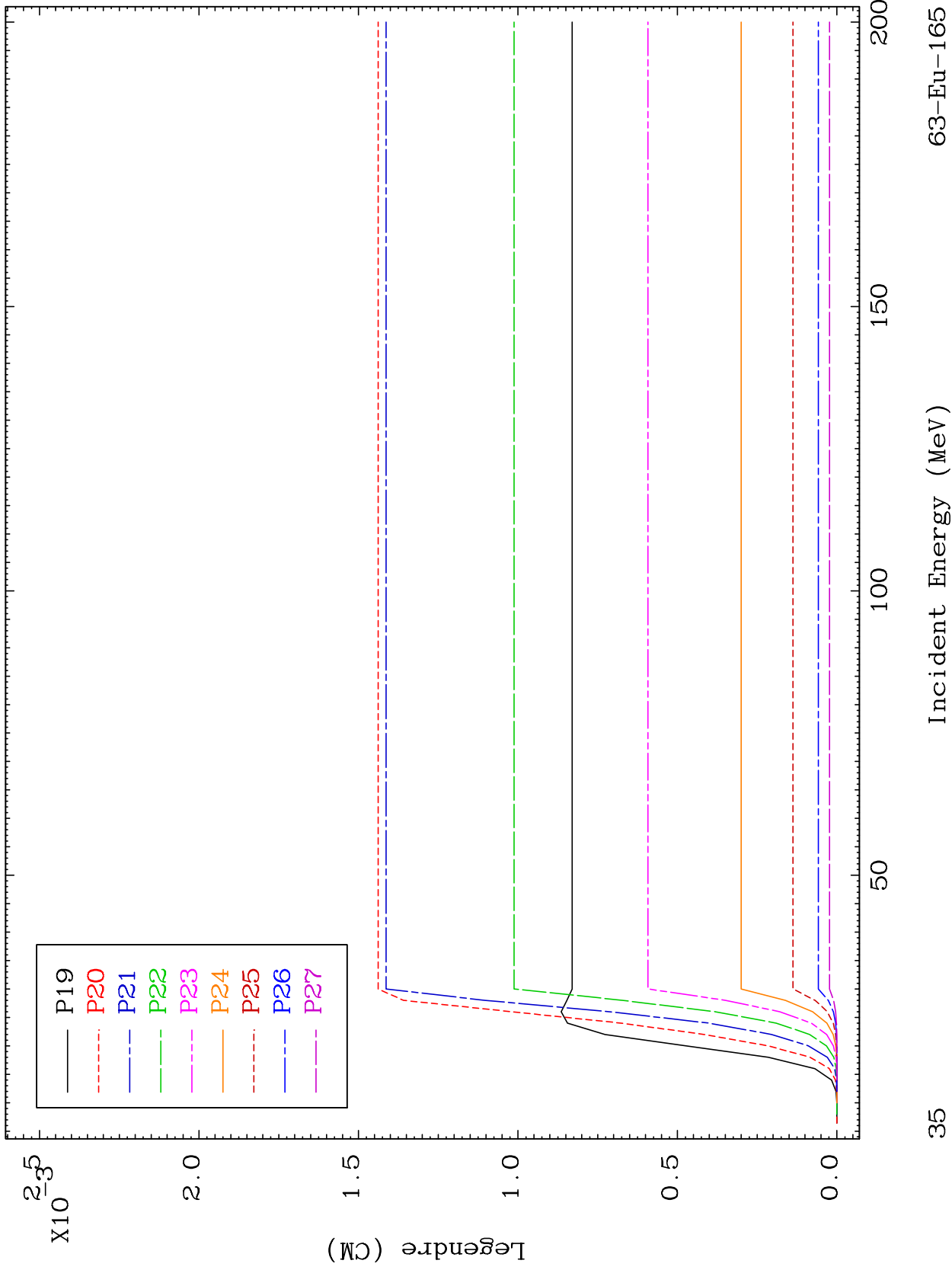
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



35

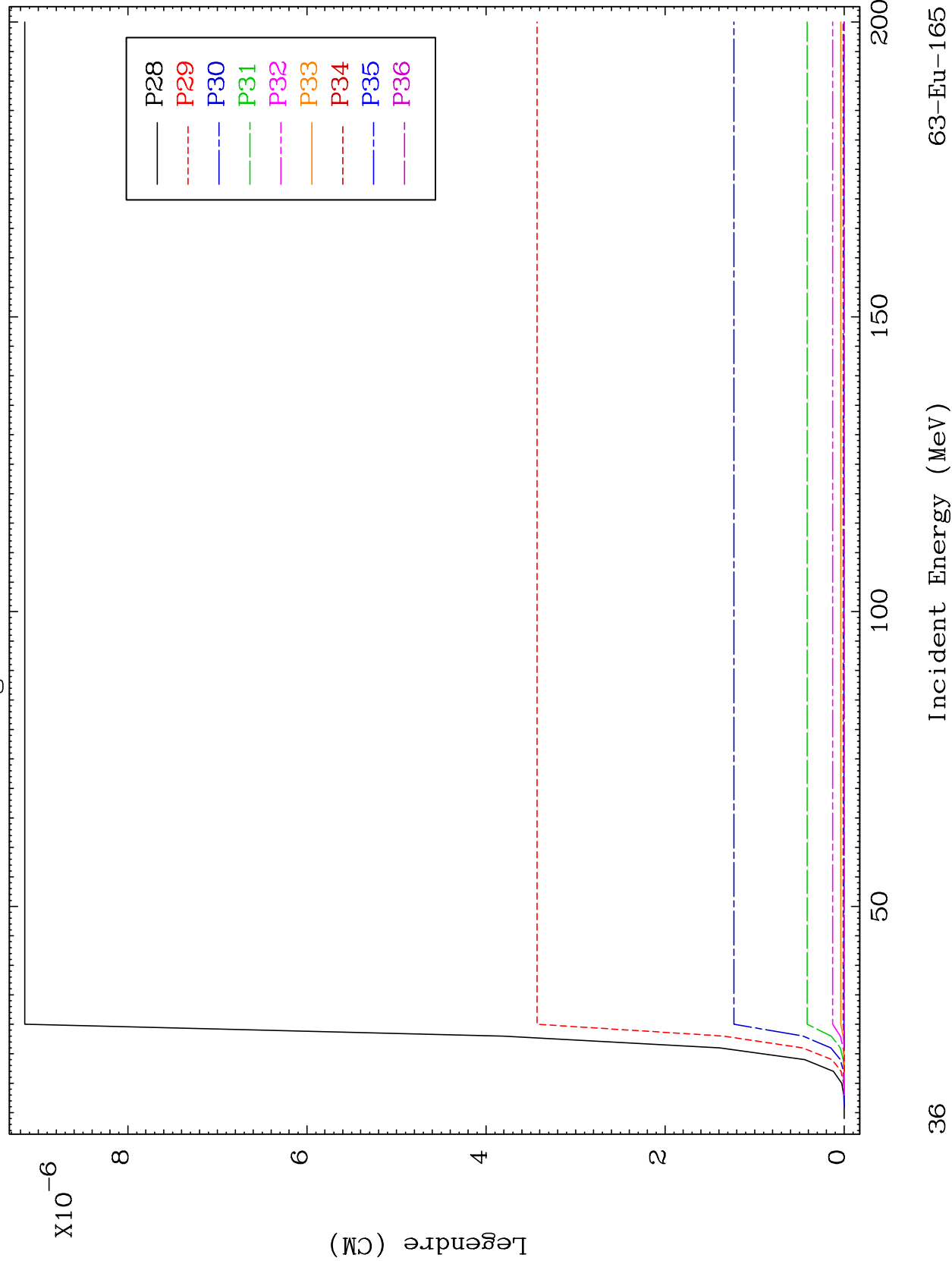
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

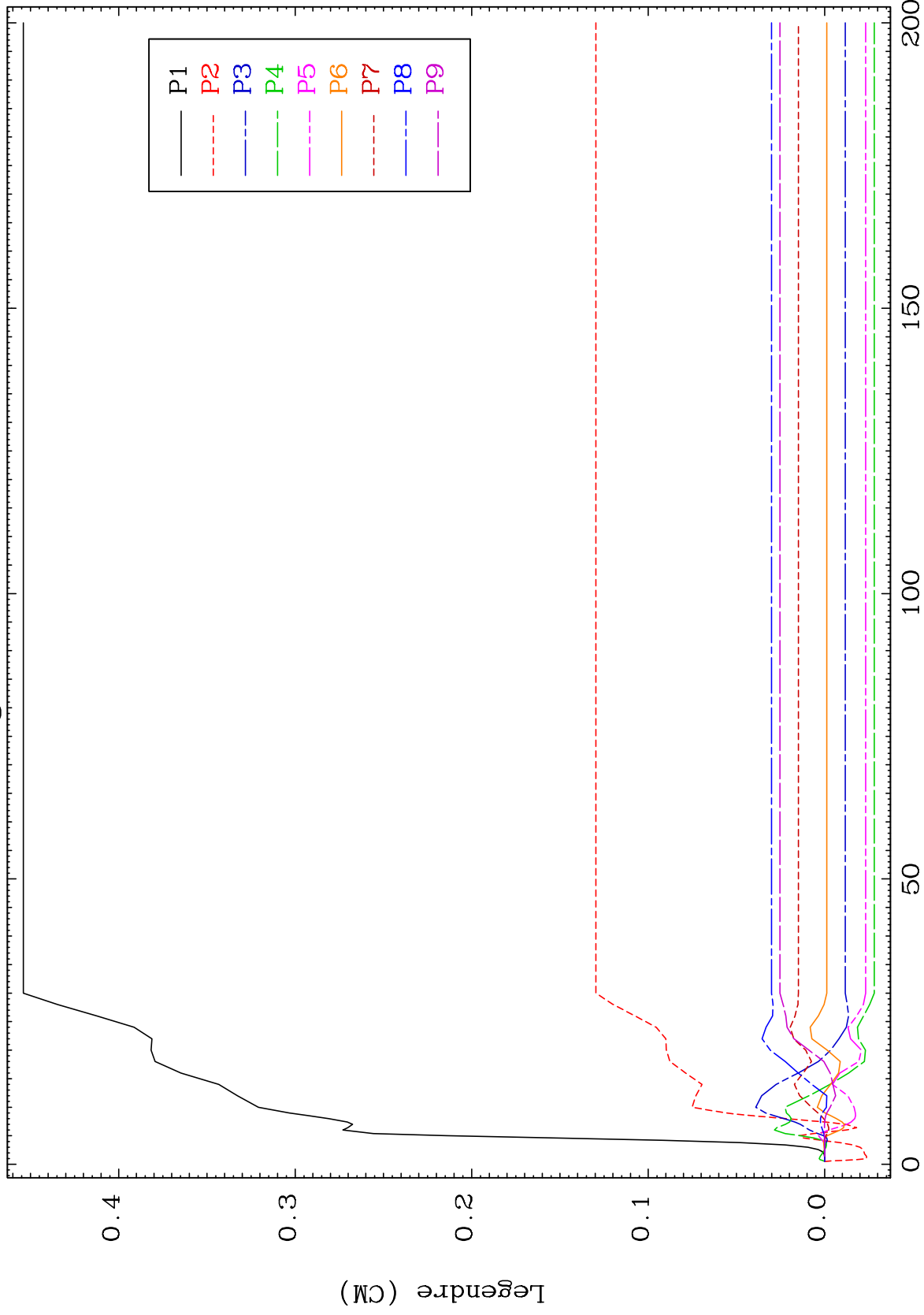
63-Eu-165



MAT 6367

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

63-Eu-165



37

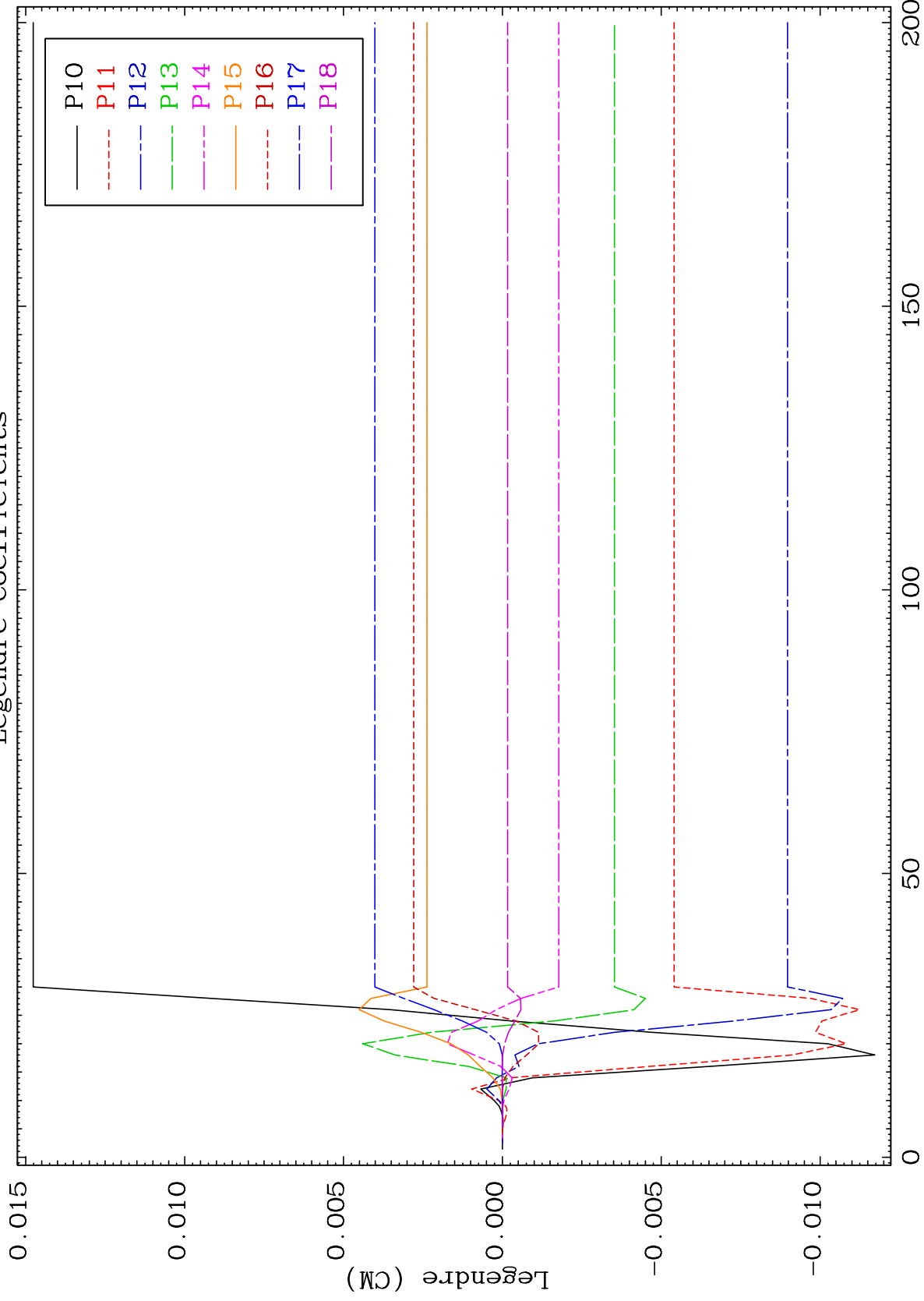
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

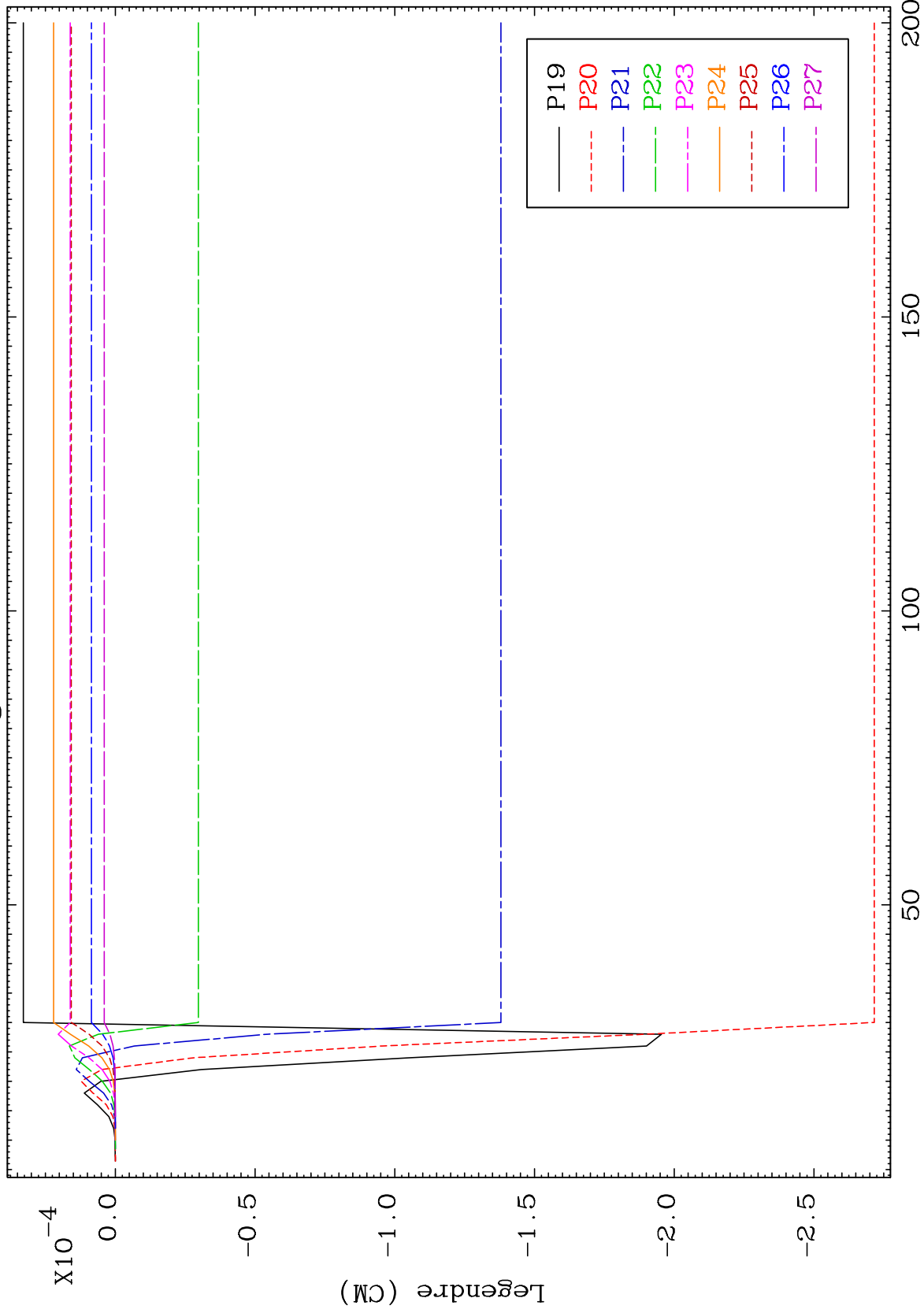
63-Eu-165



38

Incident Energy (MeV)

63-Eu-165

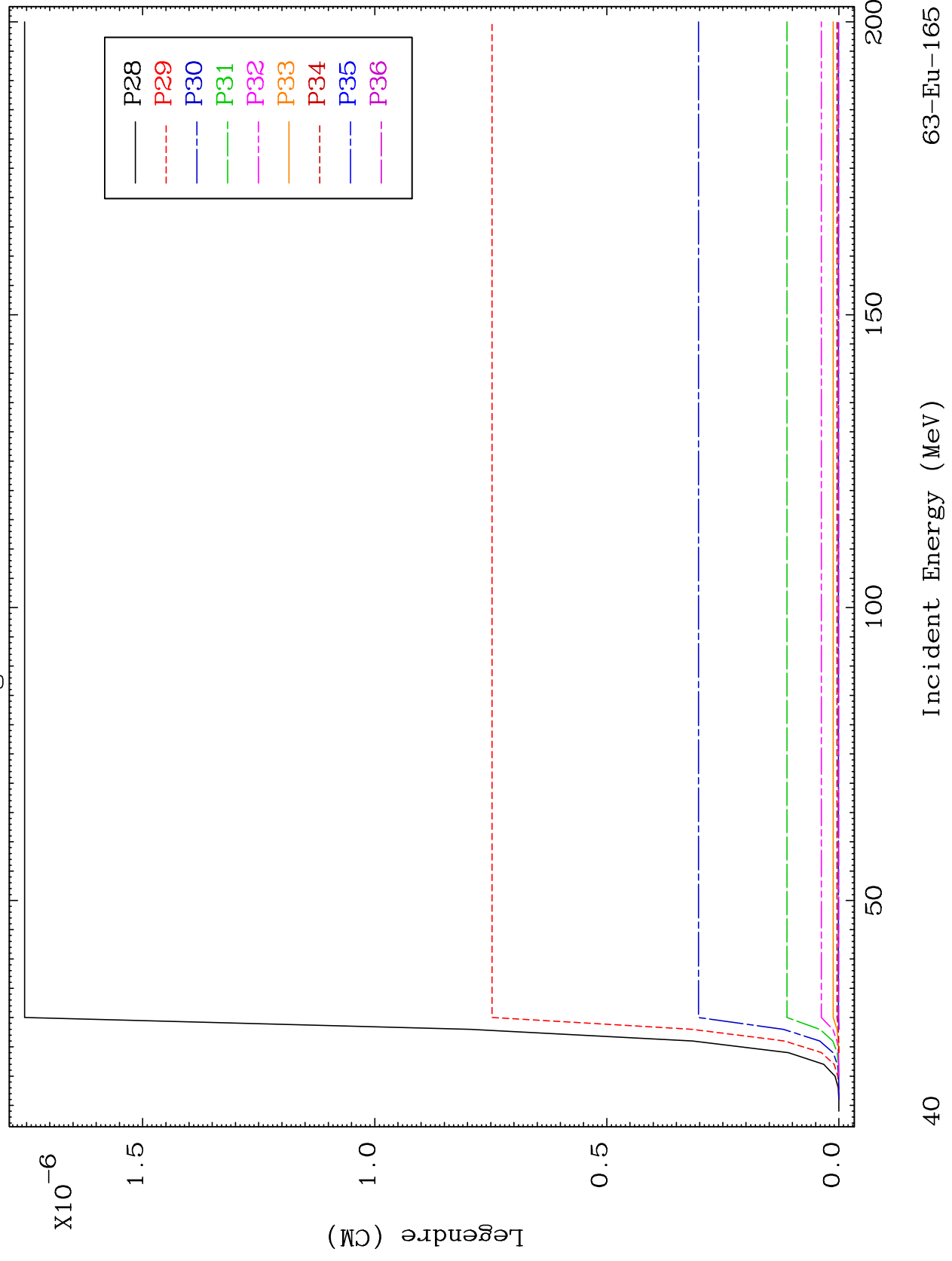




MAT 6367

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

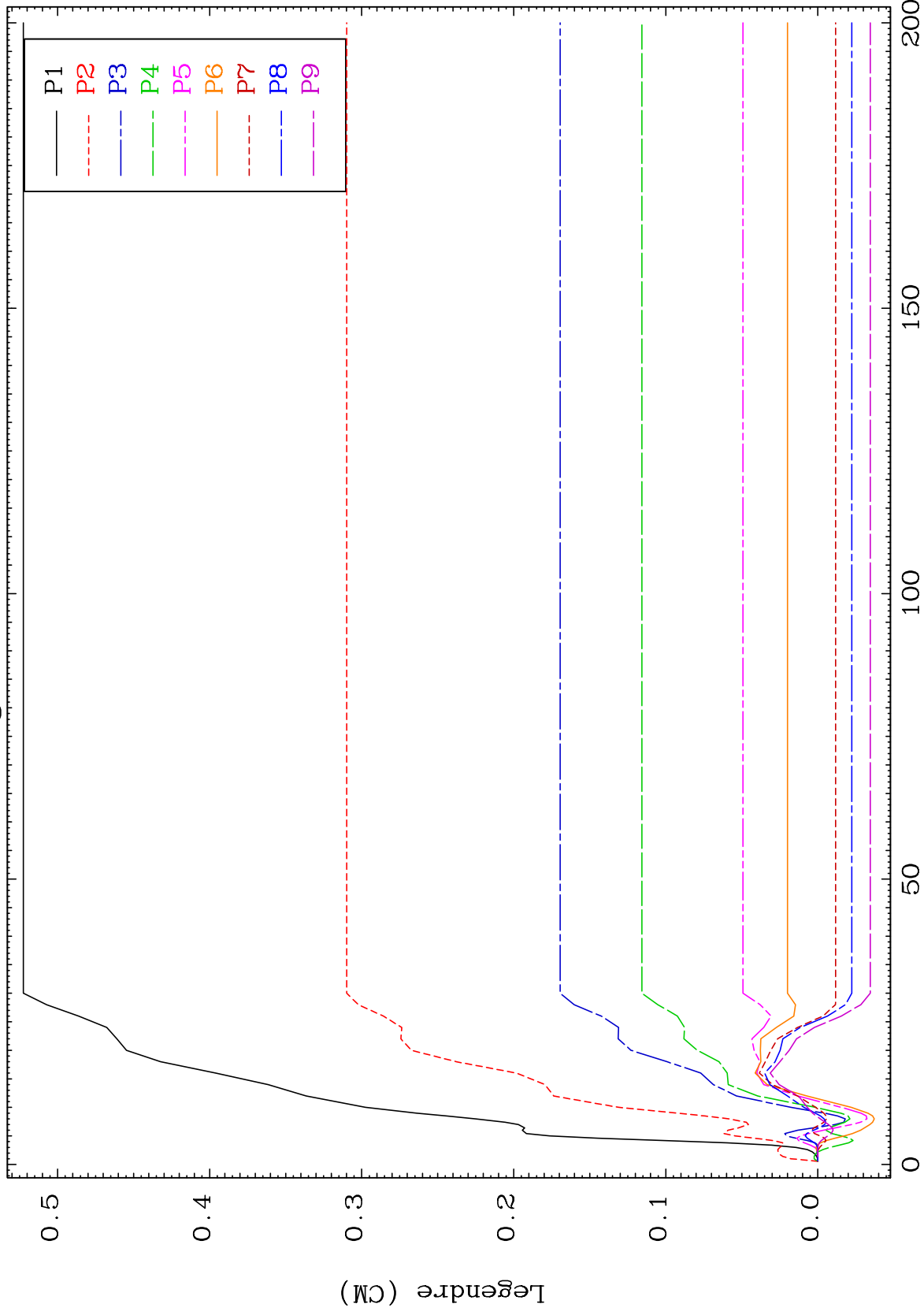
63-Eu-165



MAT 6367

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

63-Eu-165



41

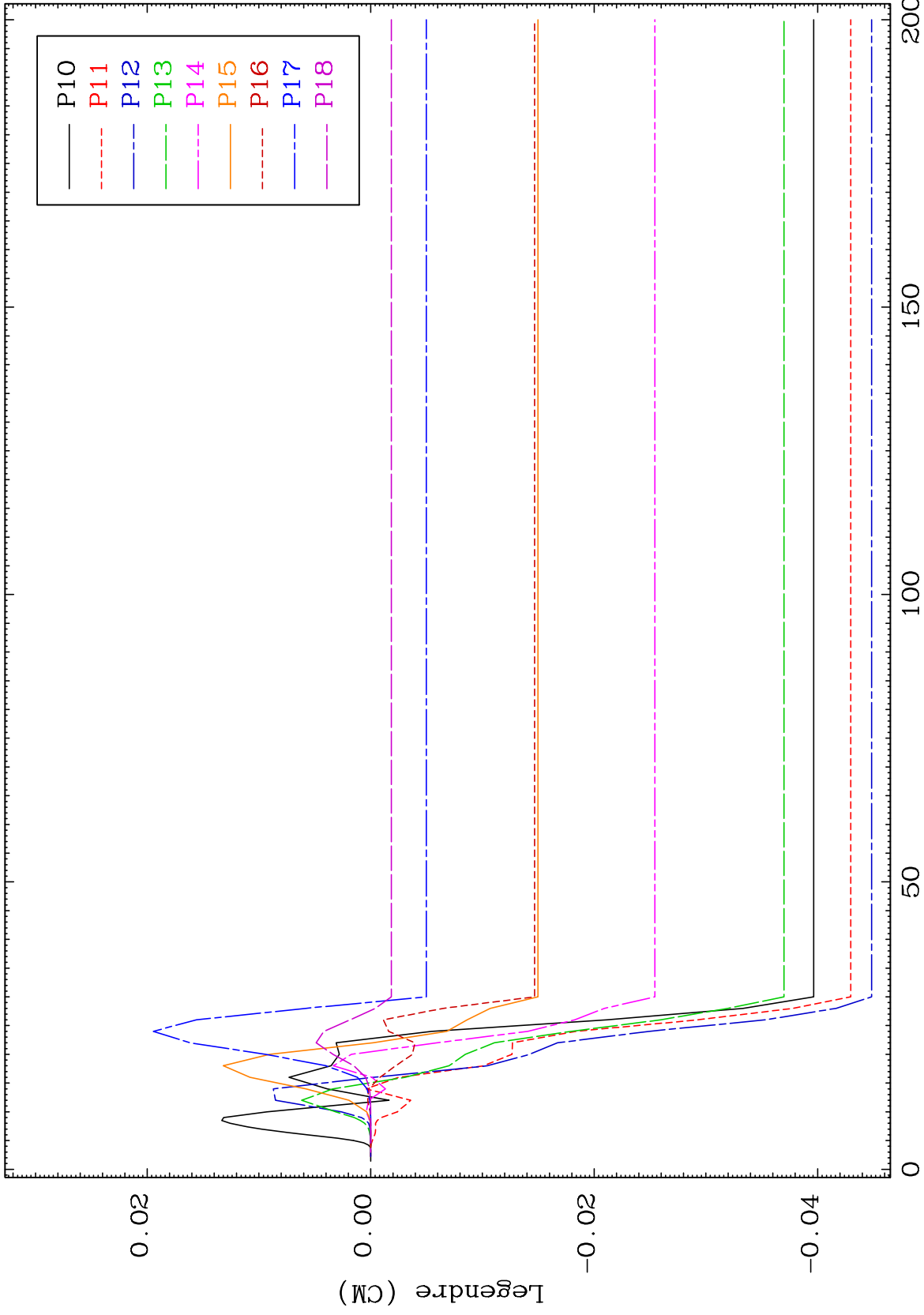
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

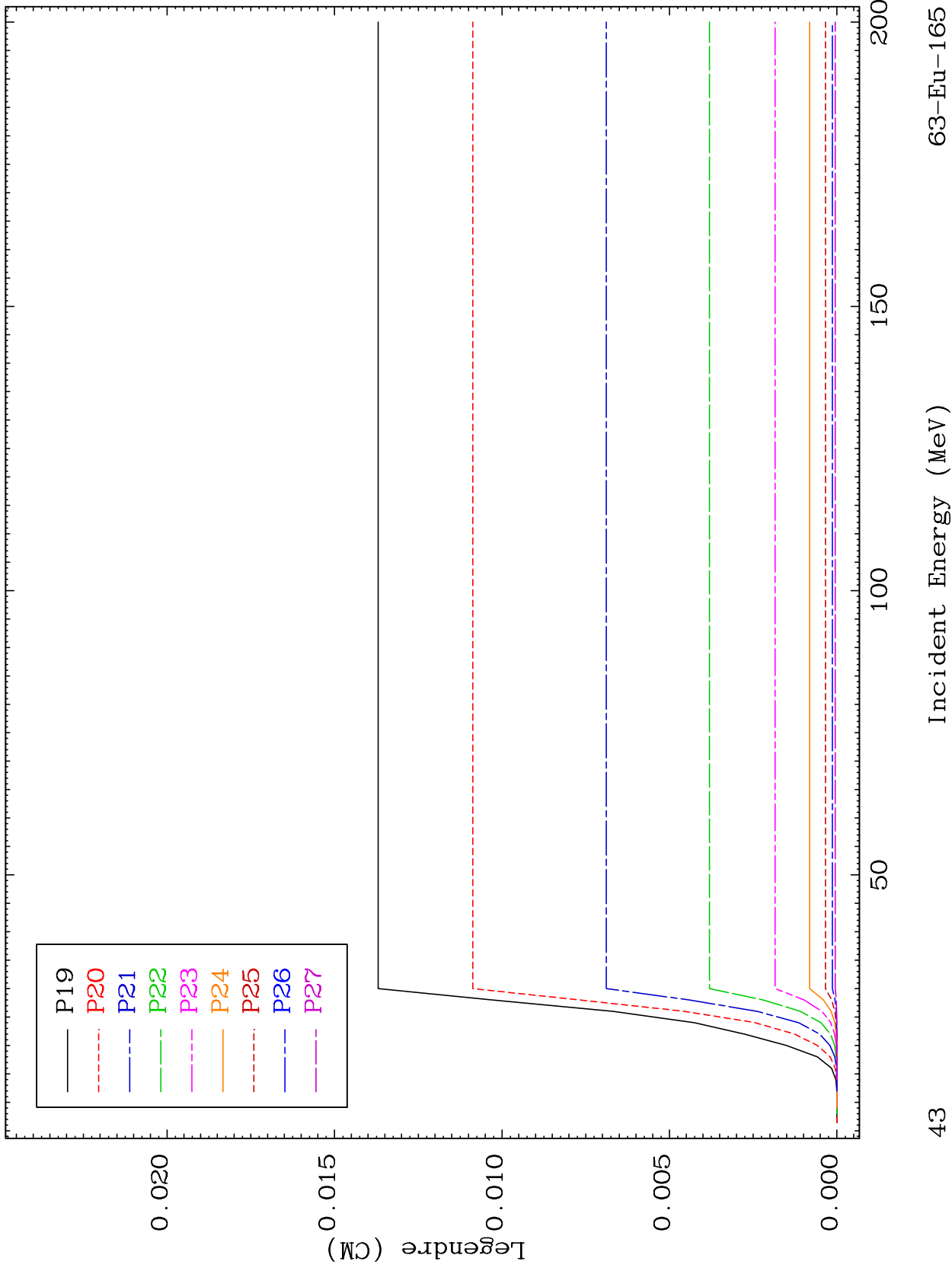
63-Eu-165



42

Incident Energy (MeV)

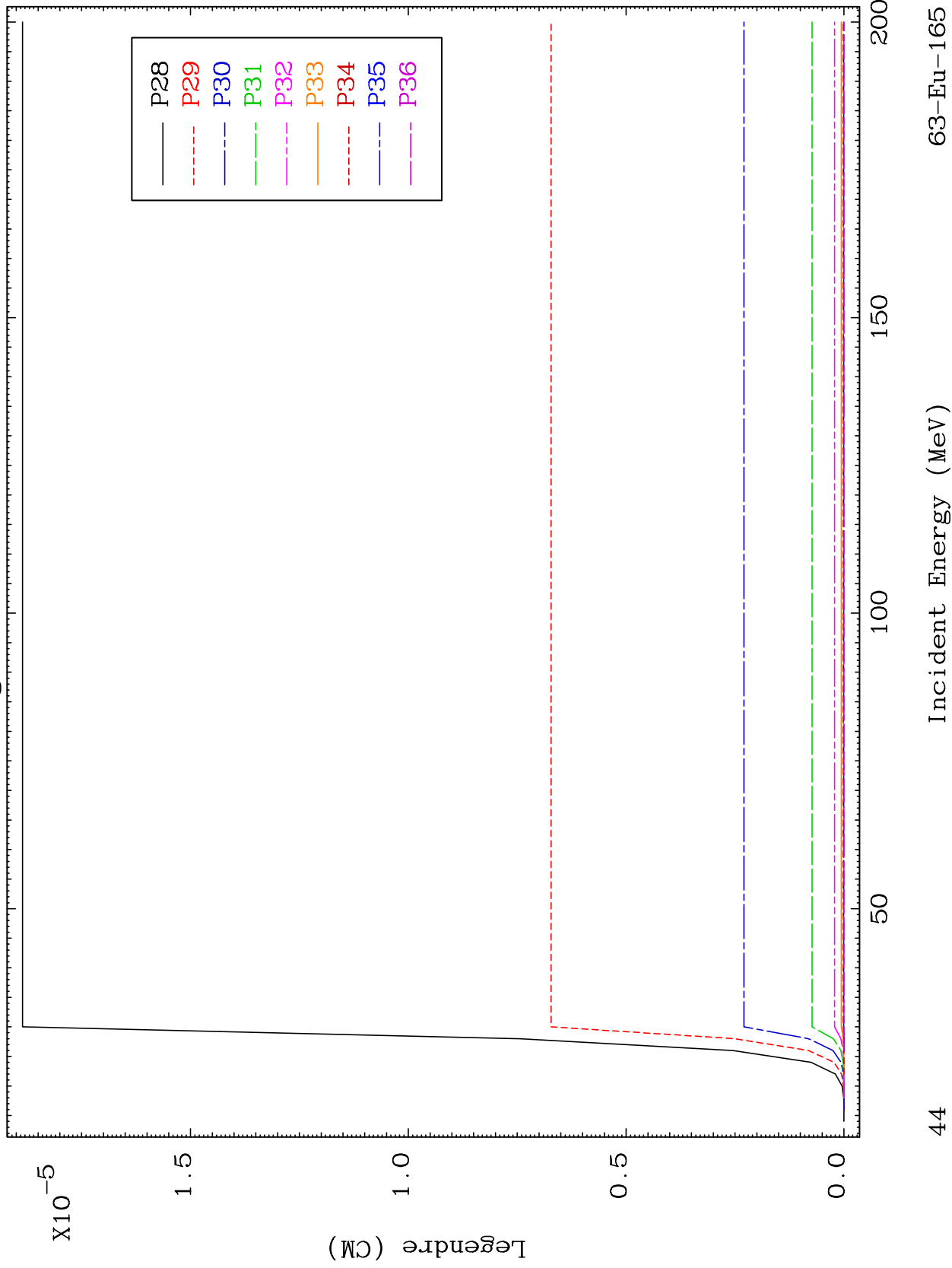
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MAT 6367

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

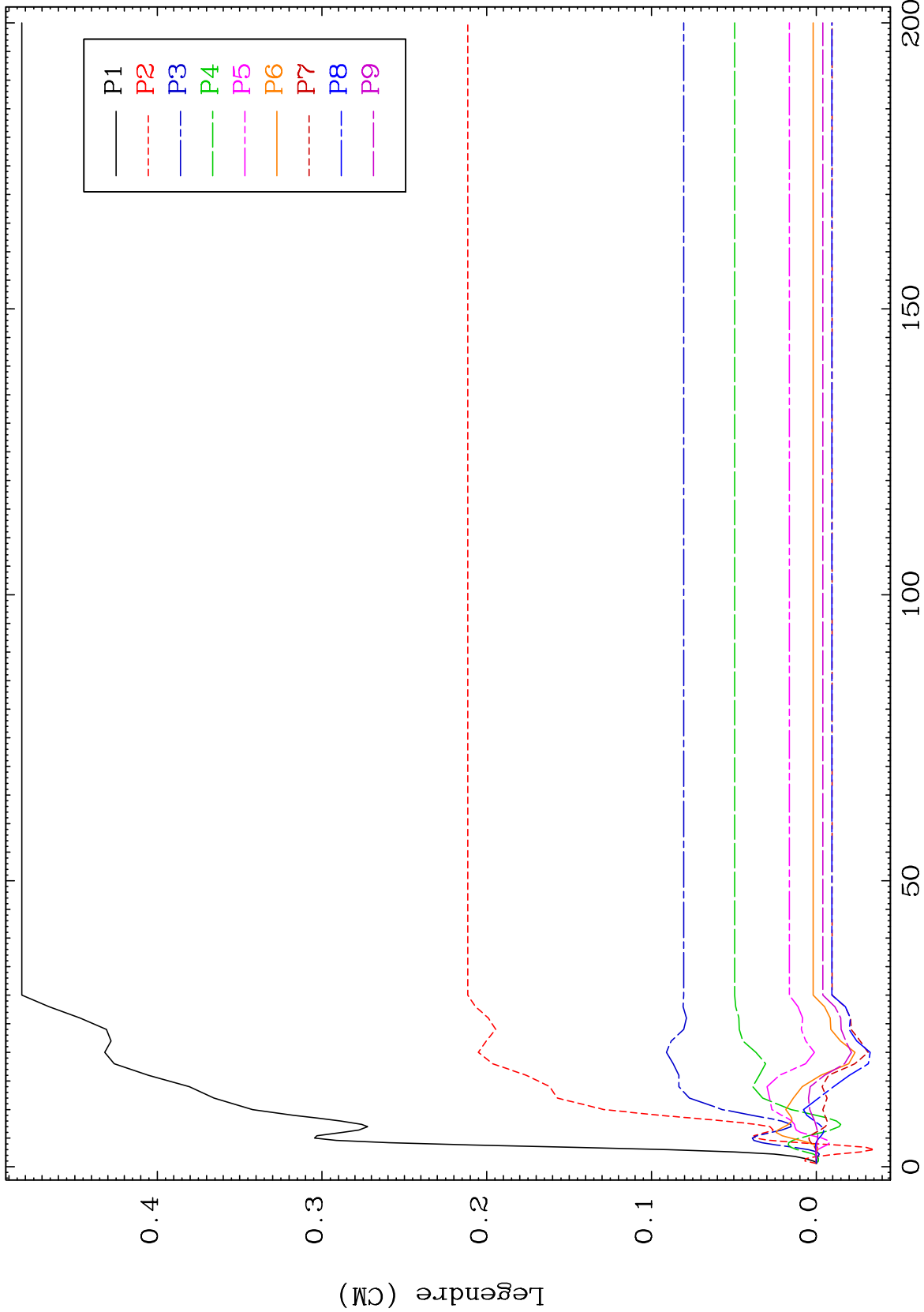
63-Eu-165



MAT 6367

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

63-Eu-165



63-Eu-165

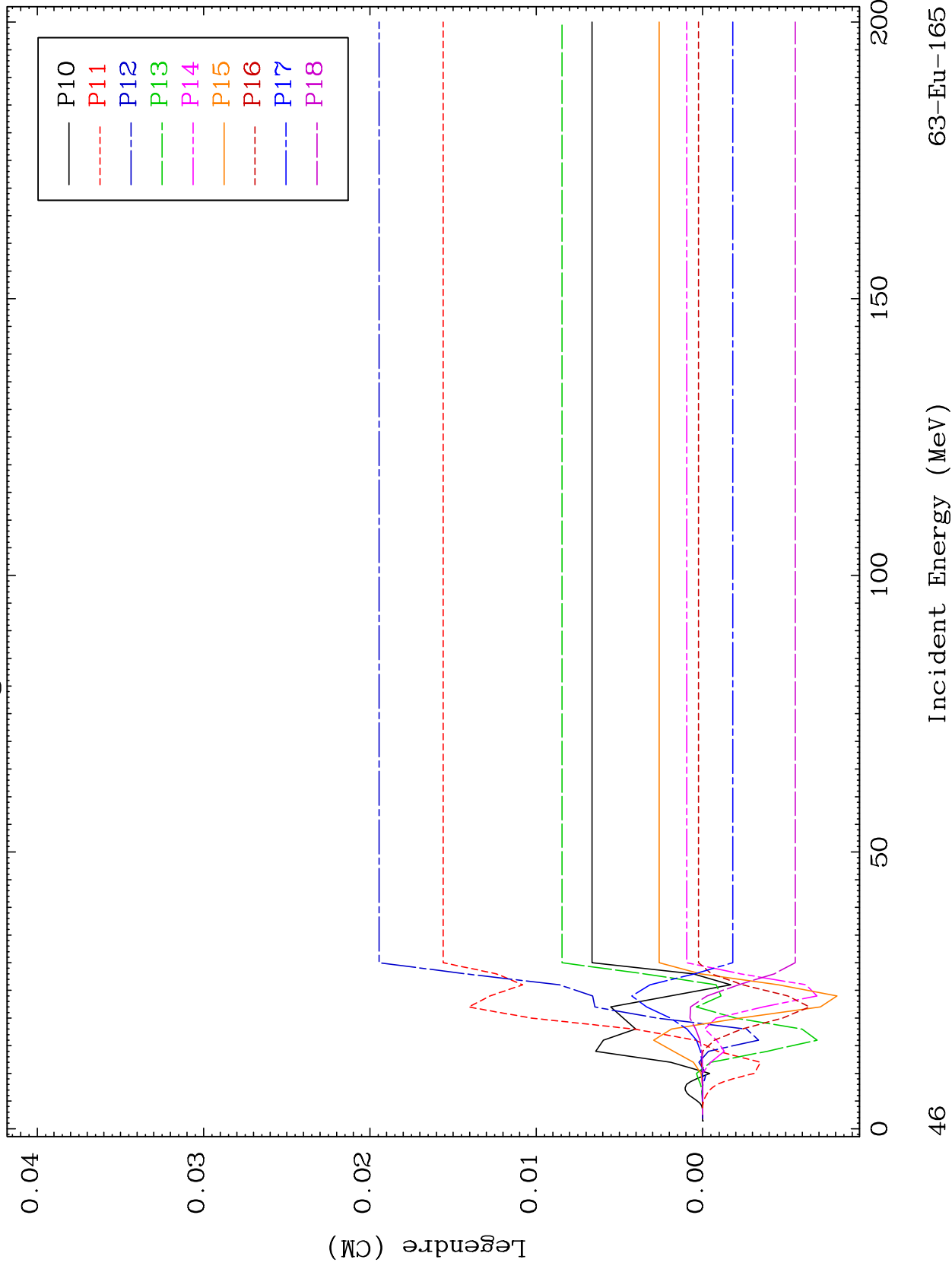
Incident Energy (MeV)

45

MAT 6367

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

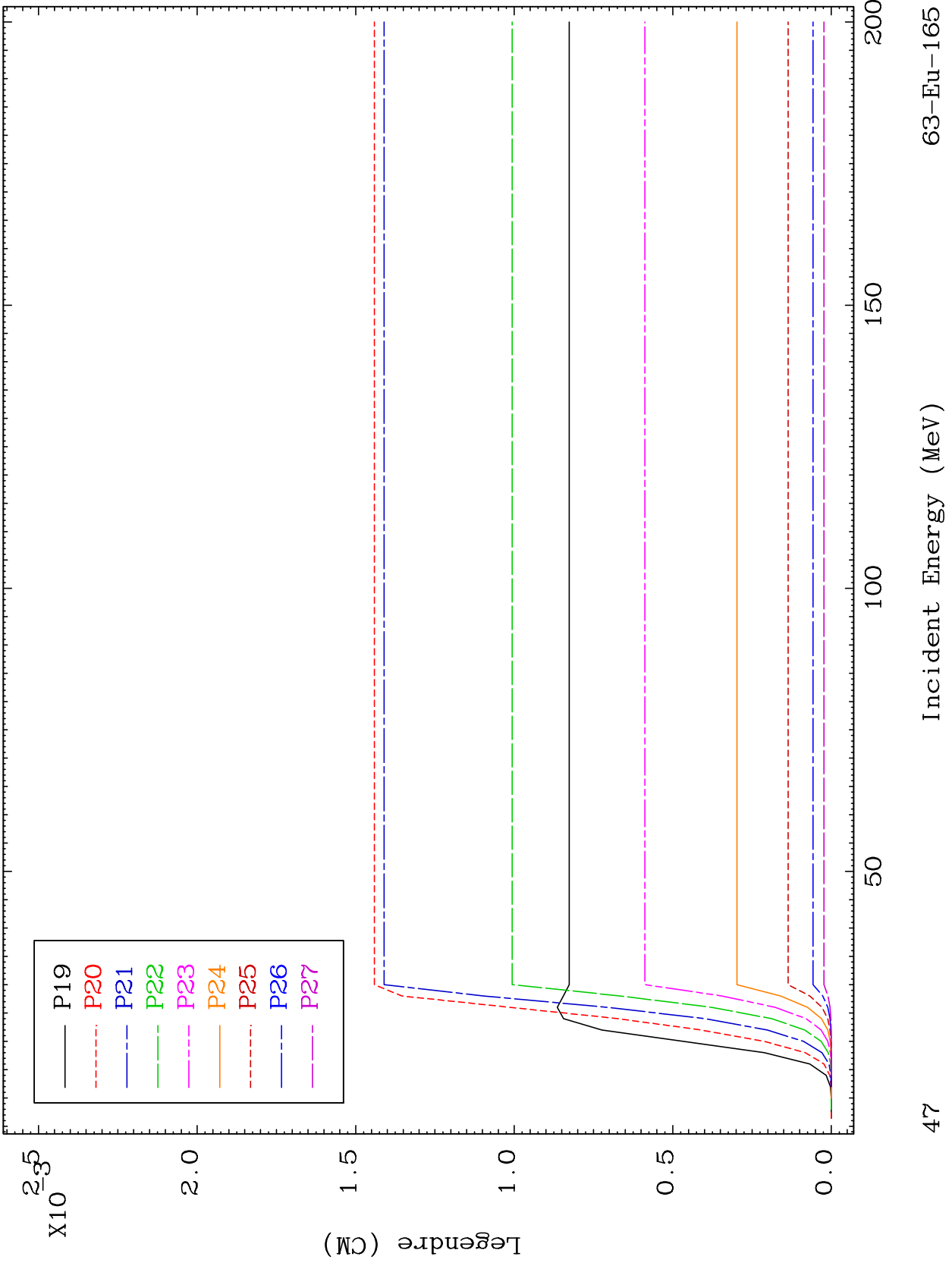
63-Eu-165



63-Eu-165

Incident Energy (MeV)

46

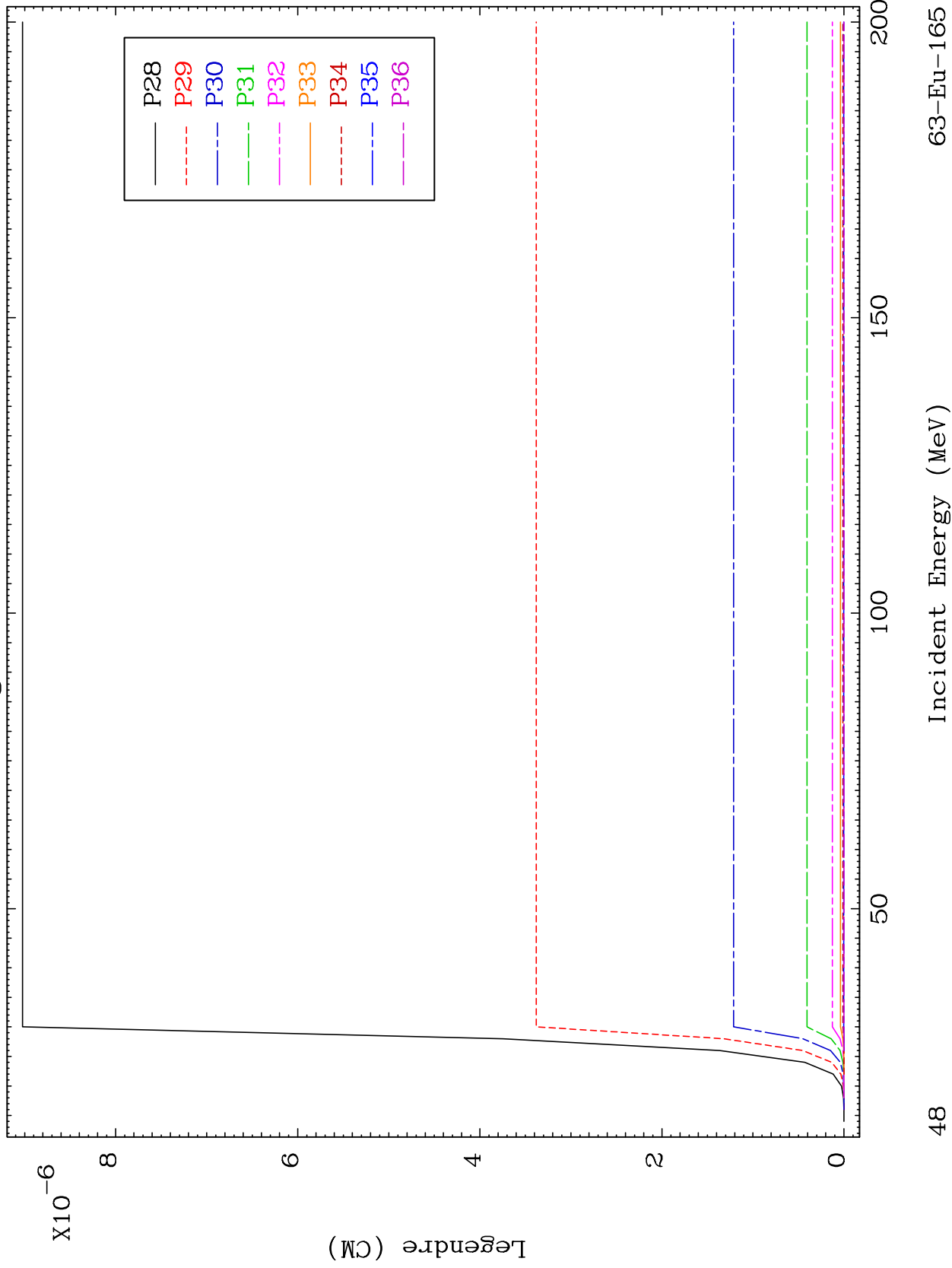




MAT 6367

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

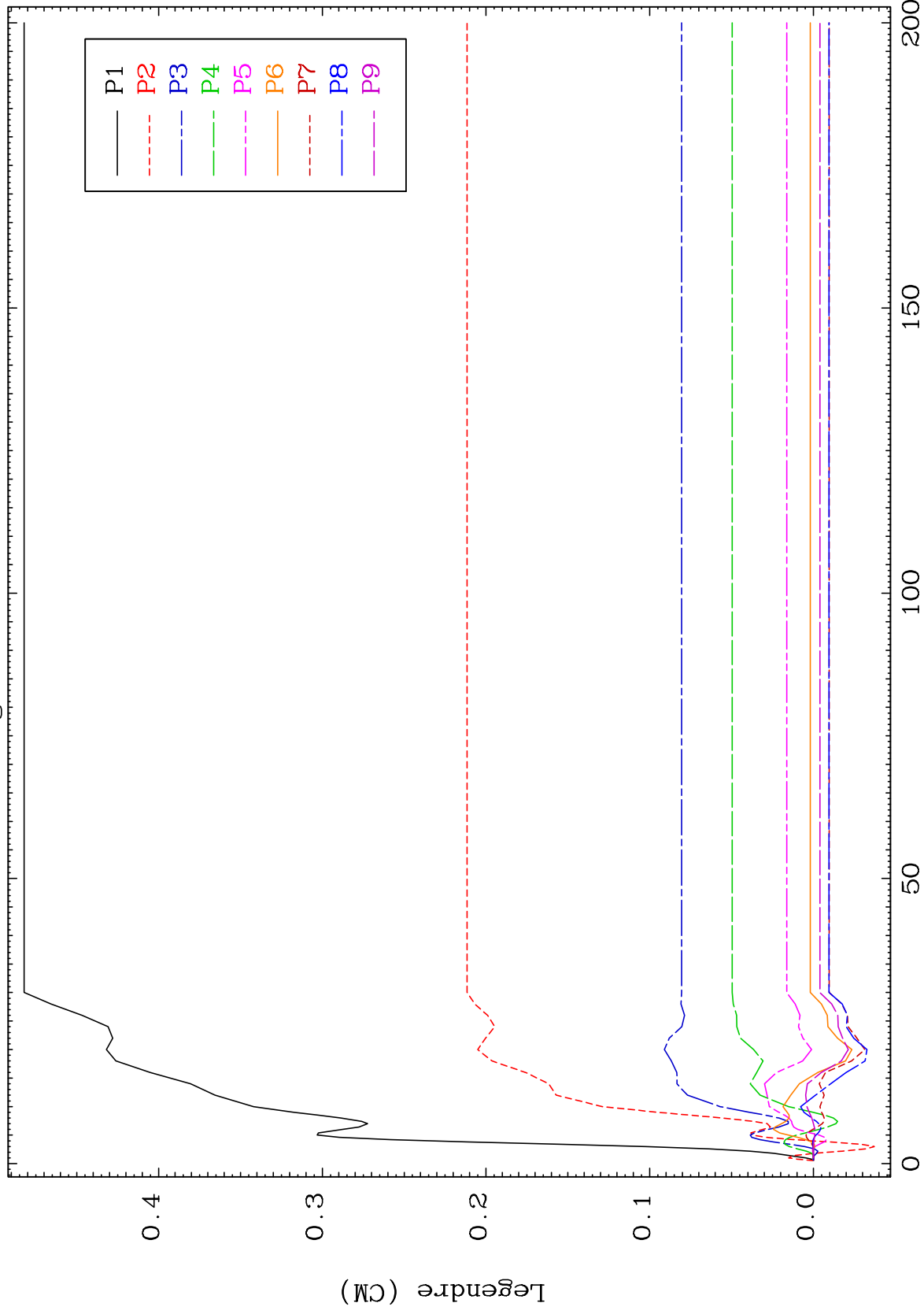
63-Eu-165



MAT 6367

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

63-Eu-165

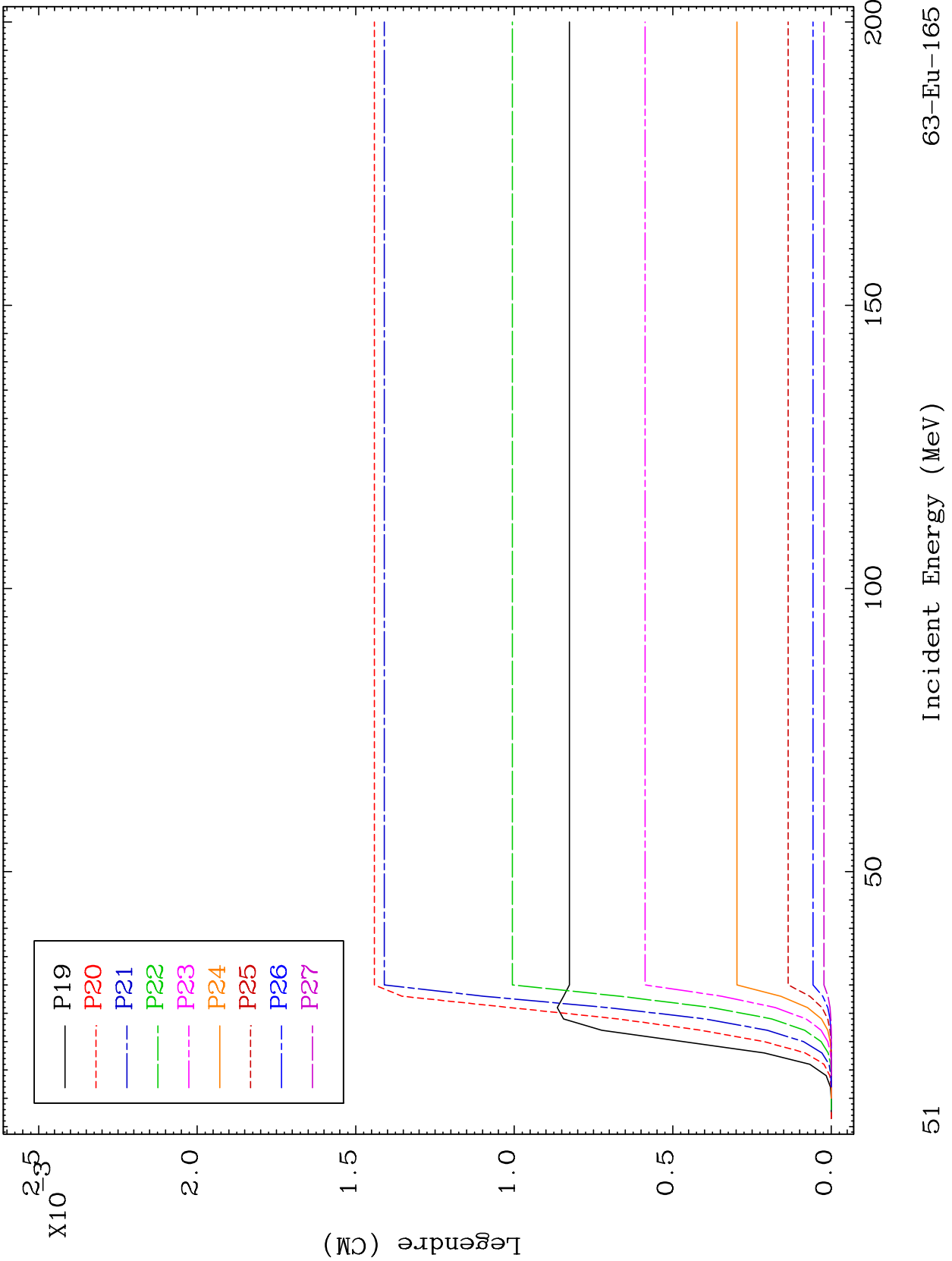


49

Incident Energy (MeV)

63-Eu-165

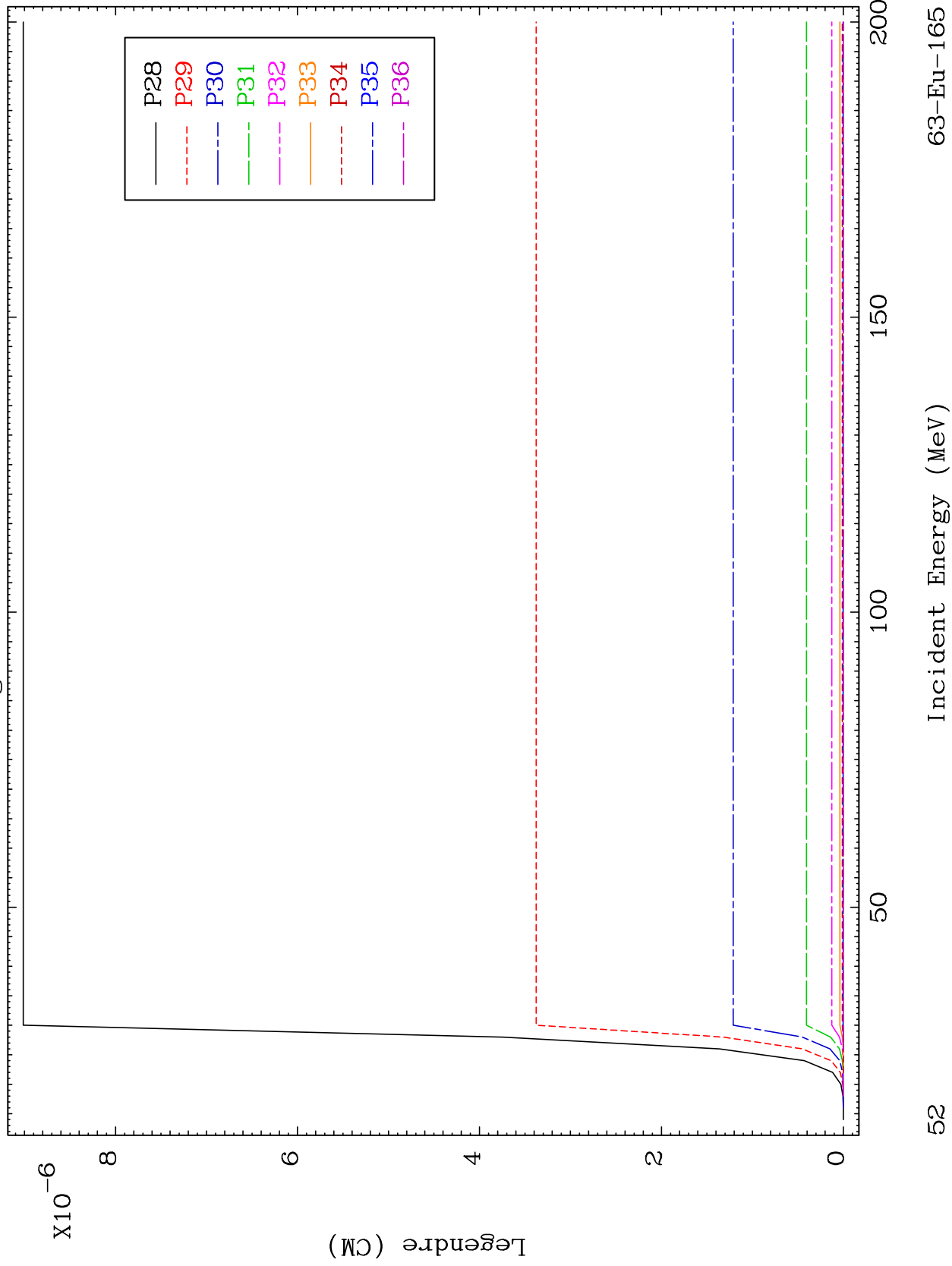




MAT 6367

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

63-Eu-165



52

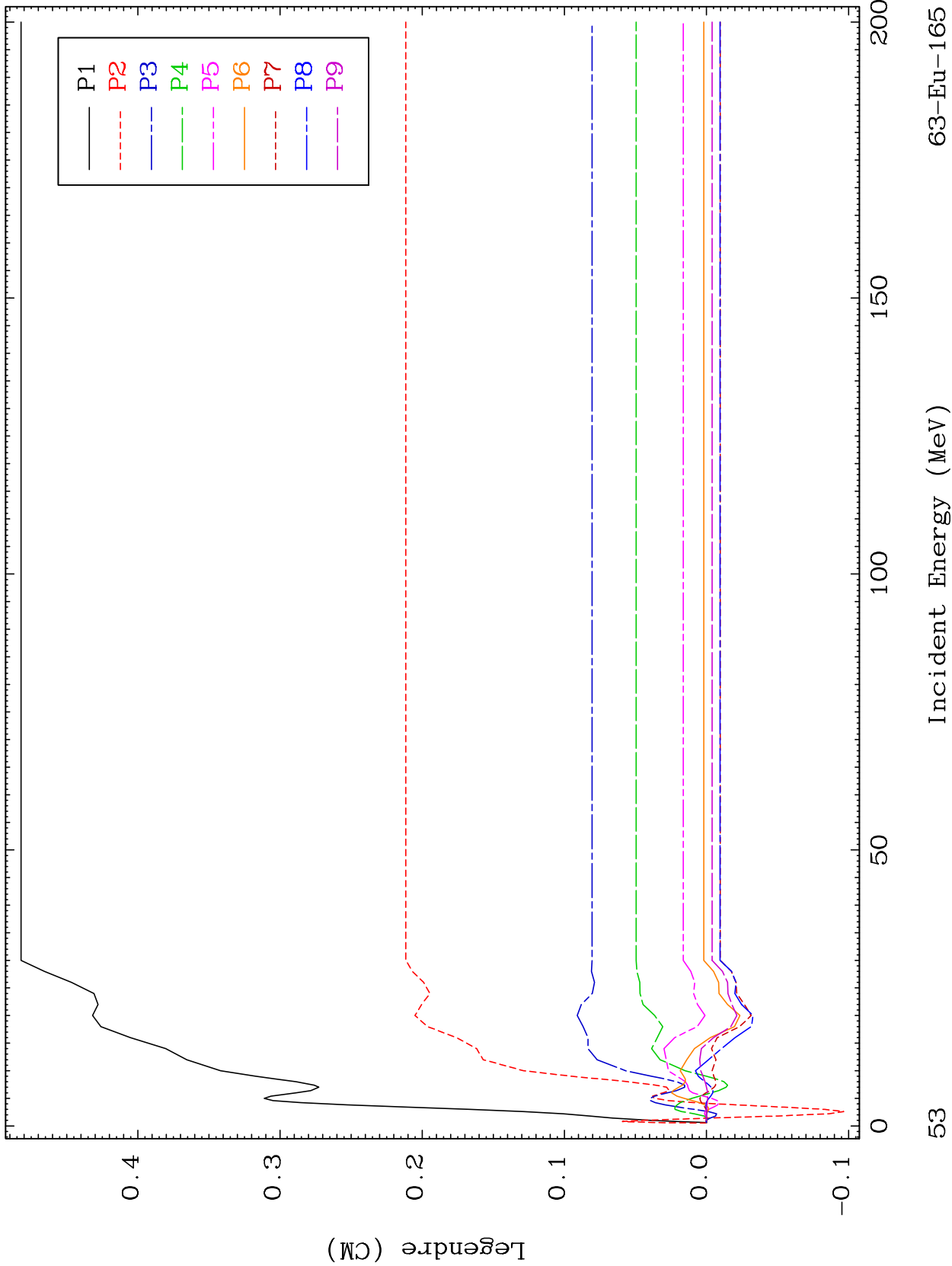
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



53

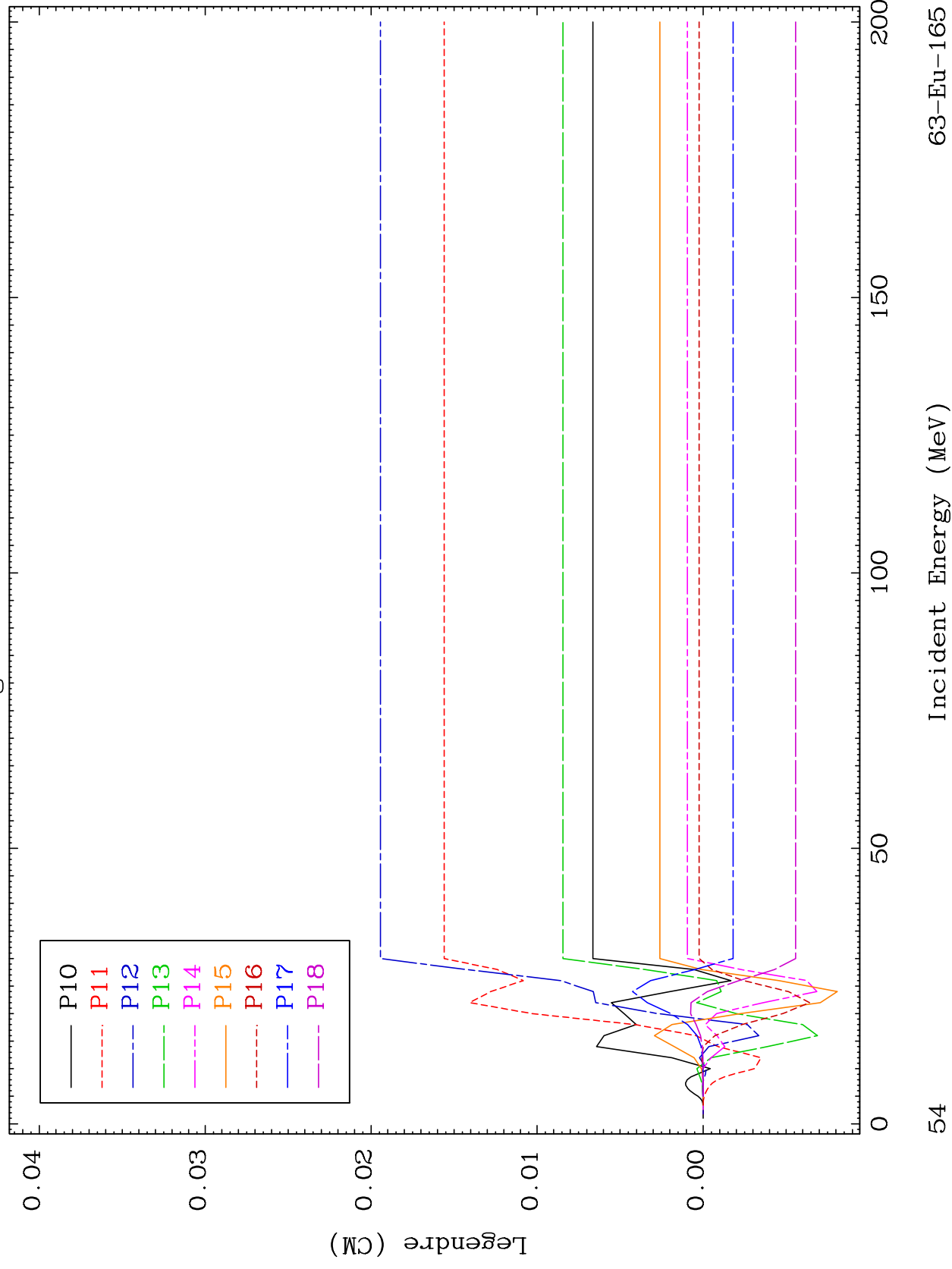
Incident Energy (MeV)

63-Eu-165

MAT 6367

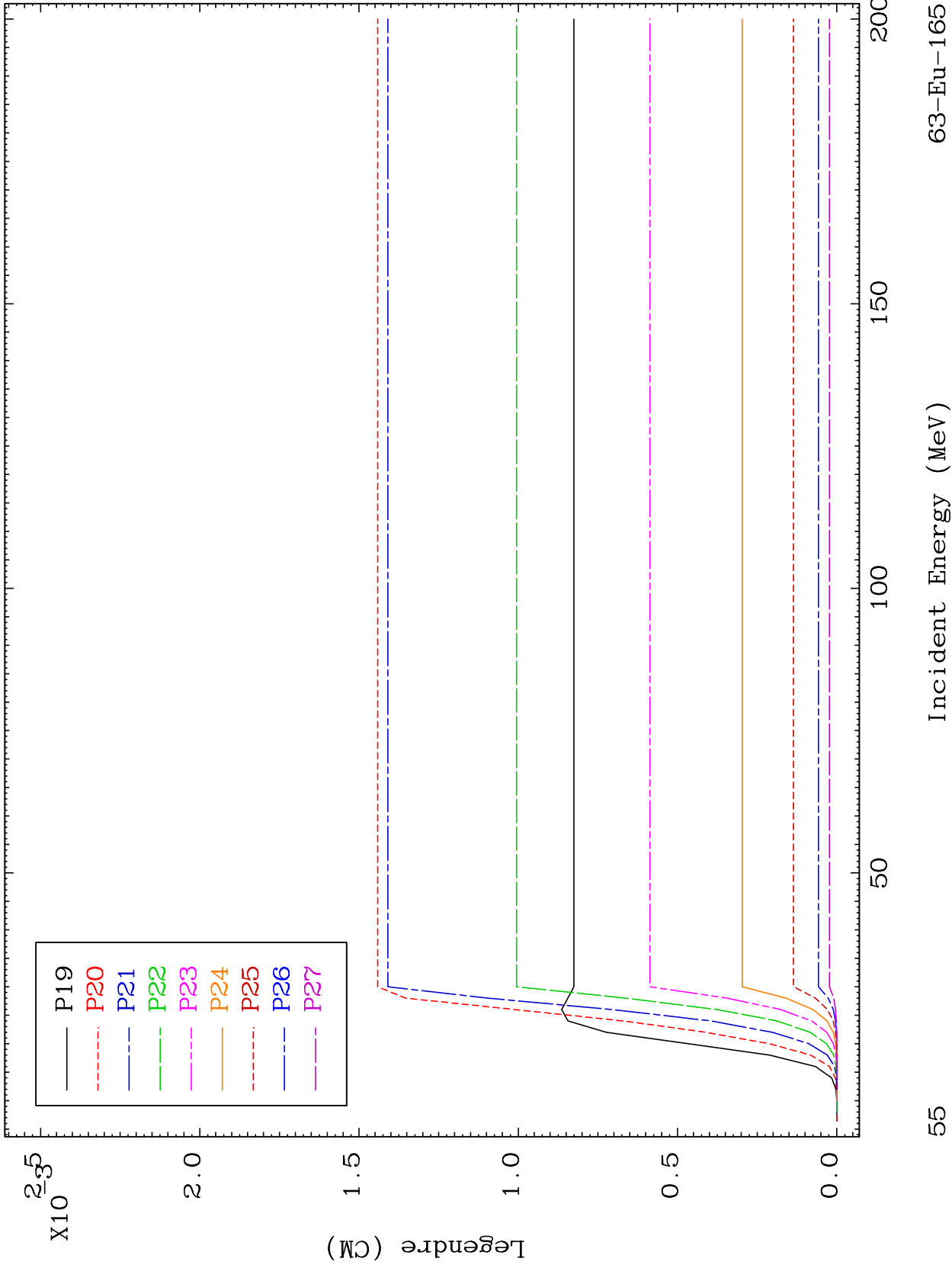
MT= 59 (n,n') Level  
Legendre Coefficients

63-Eu-165



54

63-Eu-165

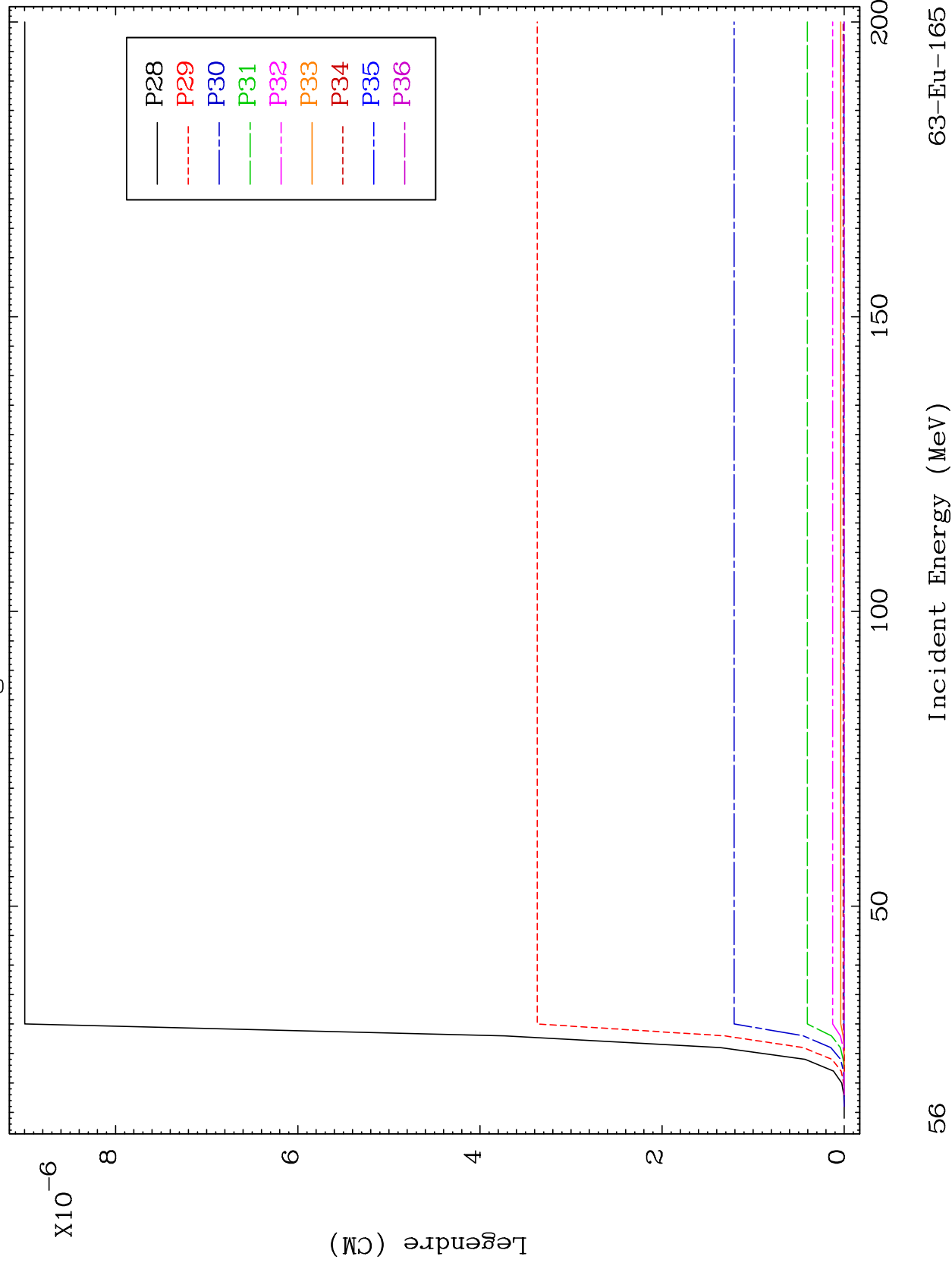




MAT 6367

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

63-Eu-165



56

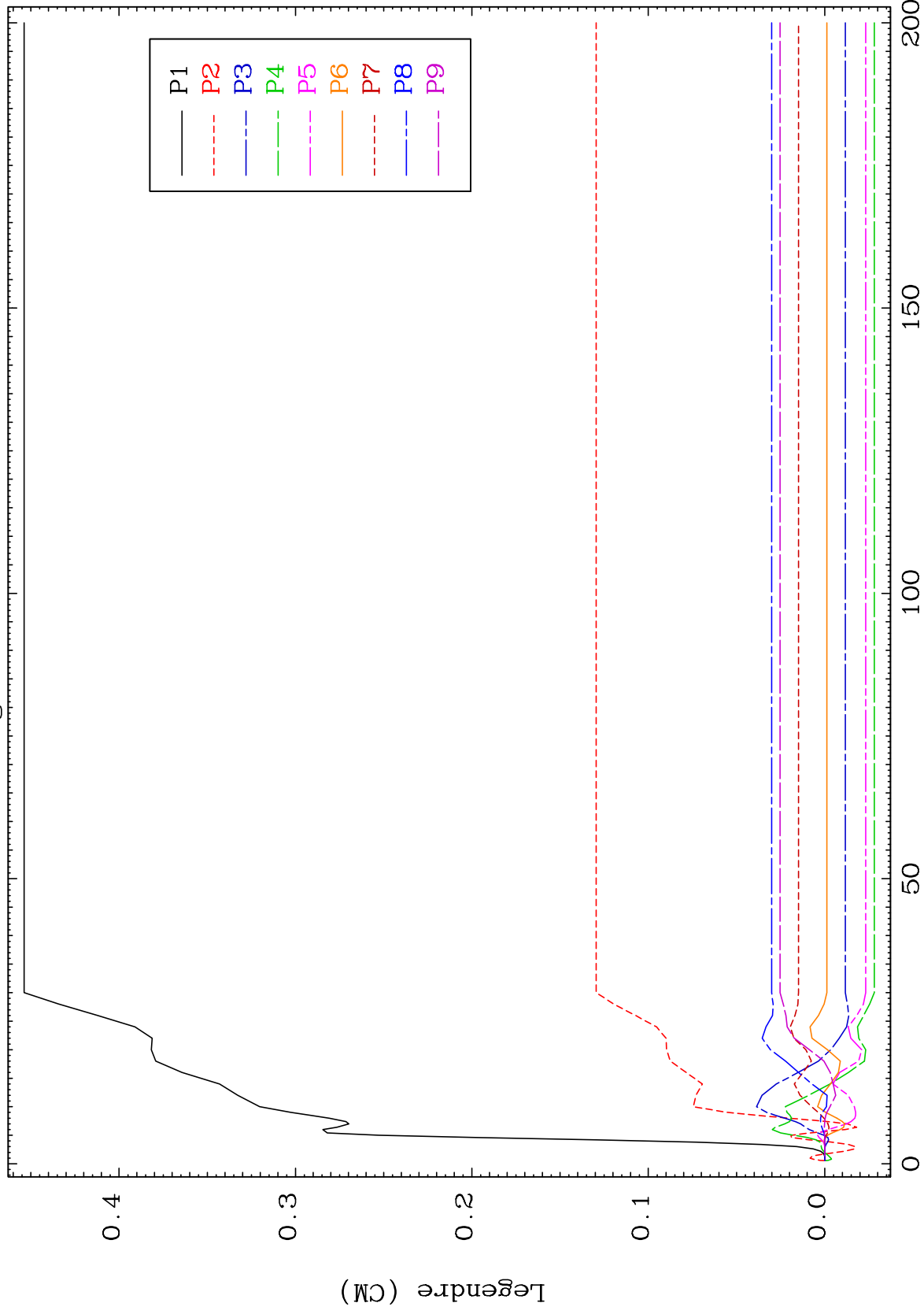
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



57

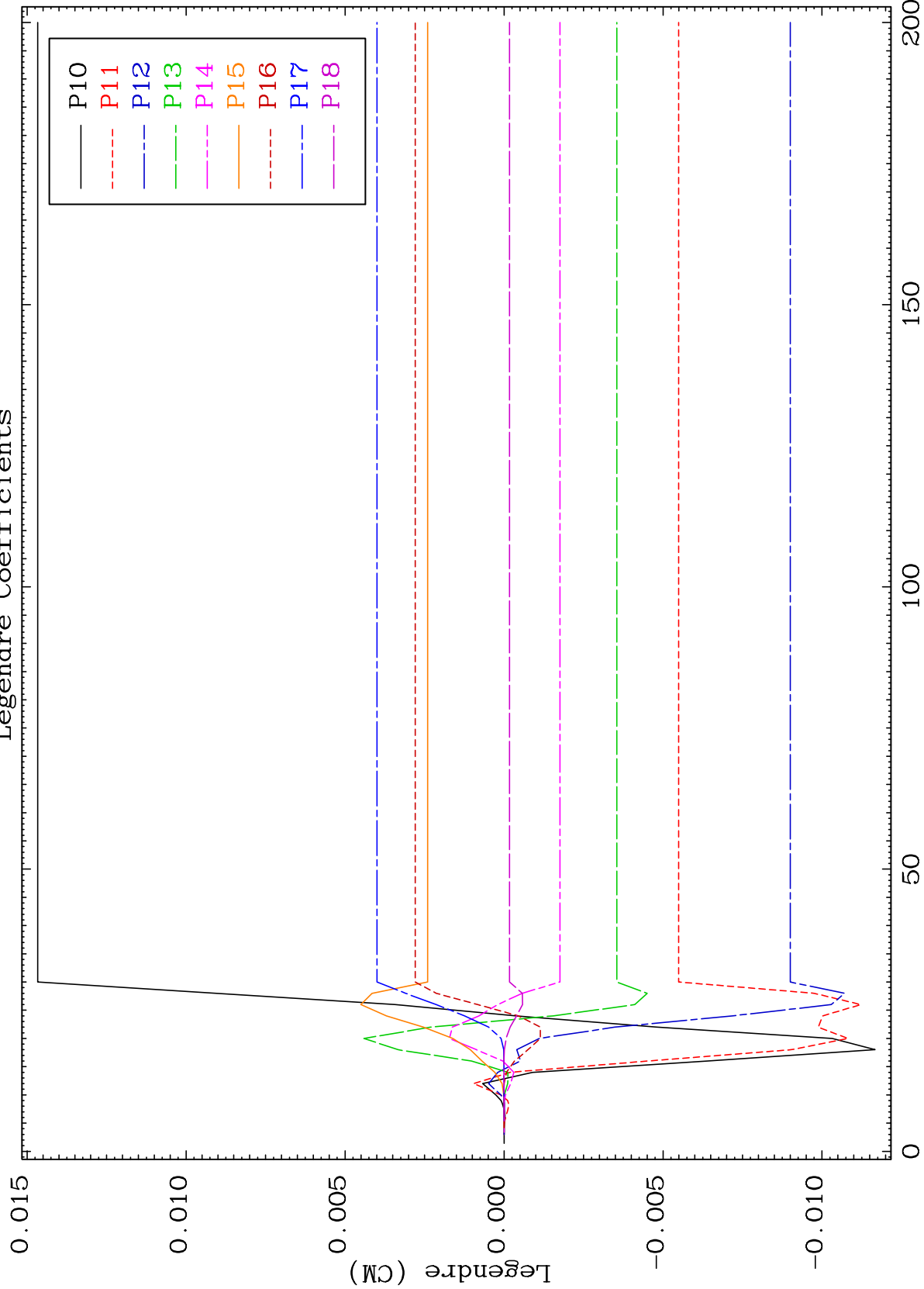
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



58

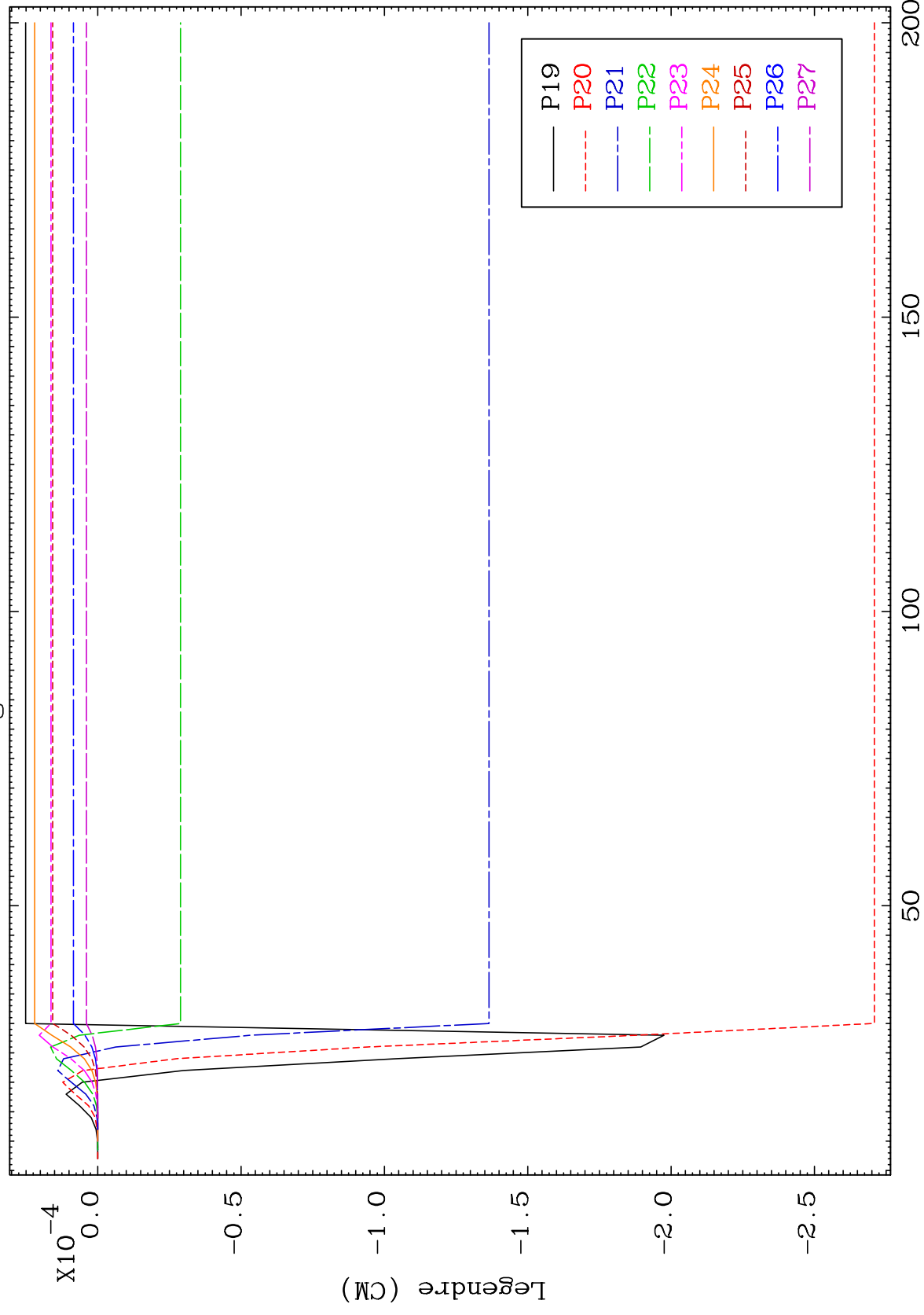
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

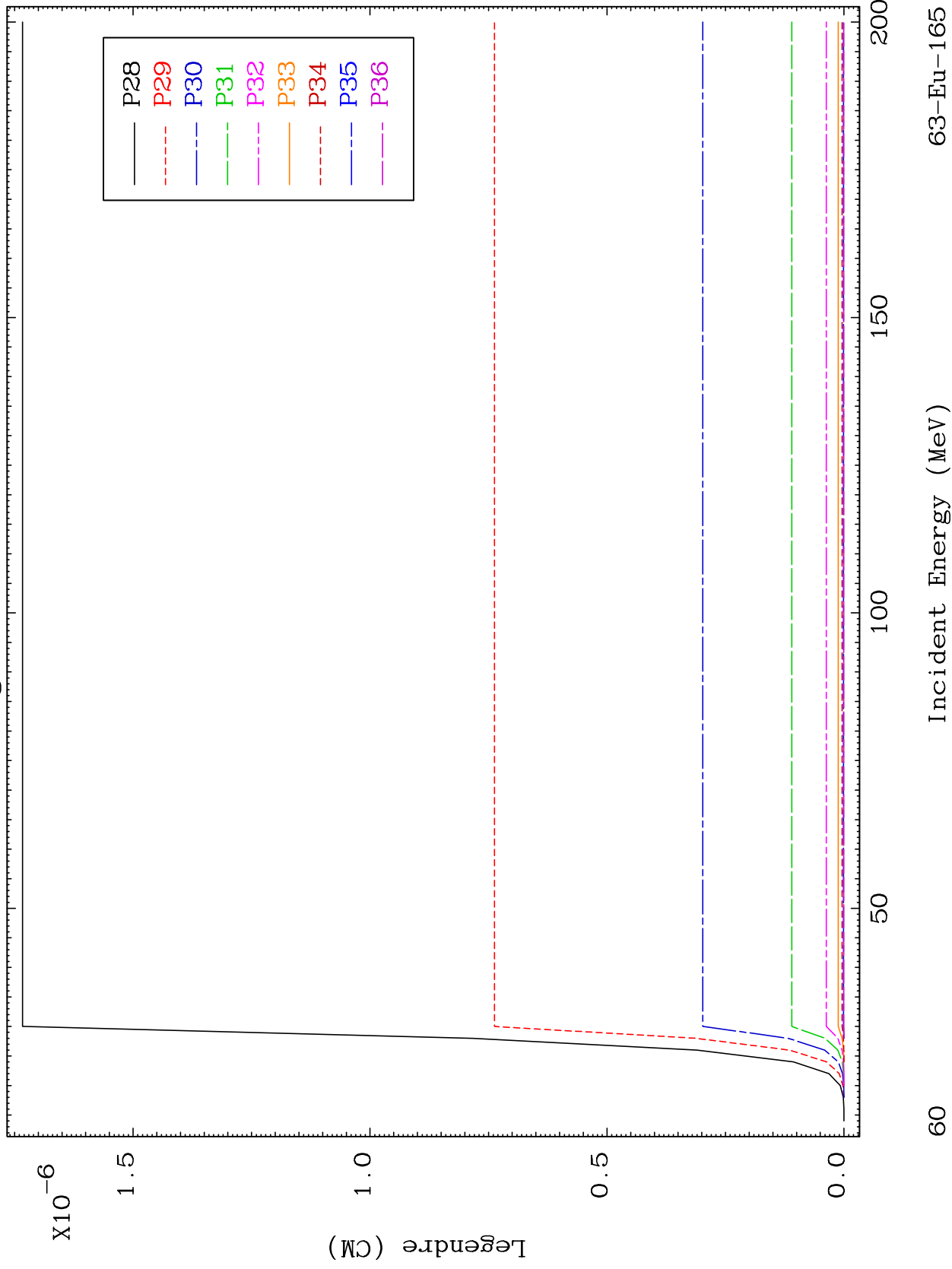
63-Eu-165



MAT 6367

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

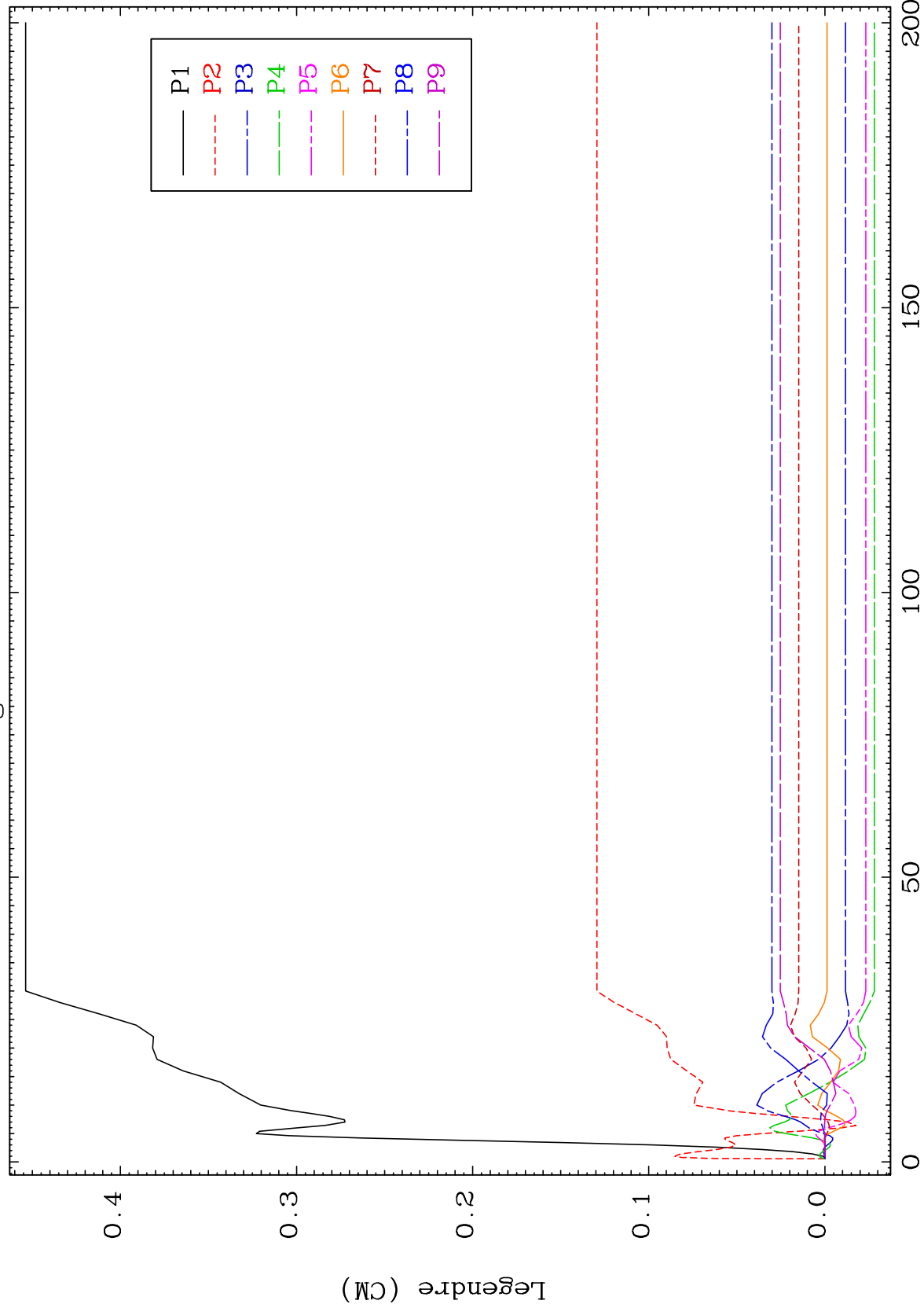
63-Eu-165



MAT 6367

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

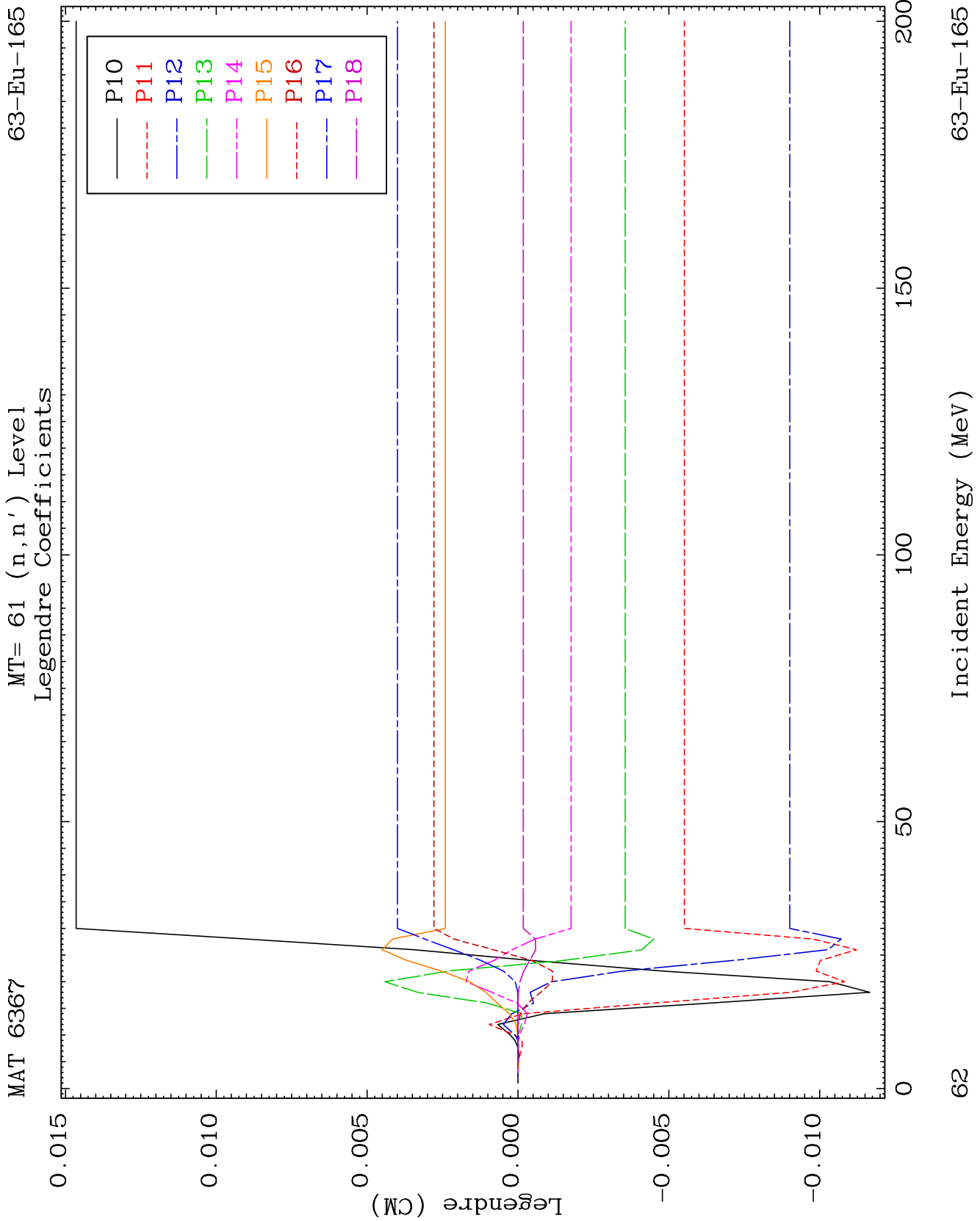
63-Eu-165



61

Incident Energy (MeV)

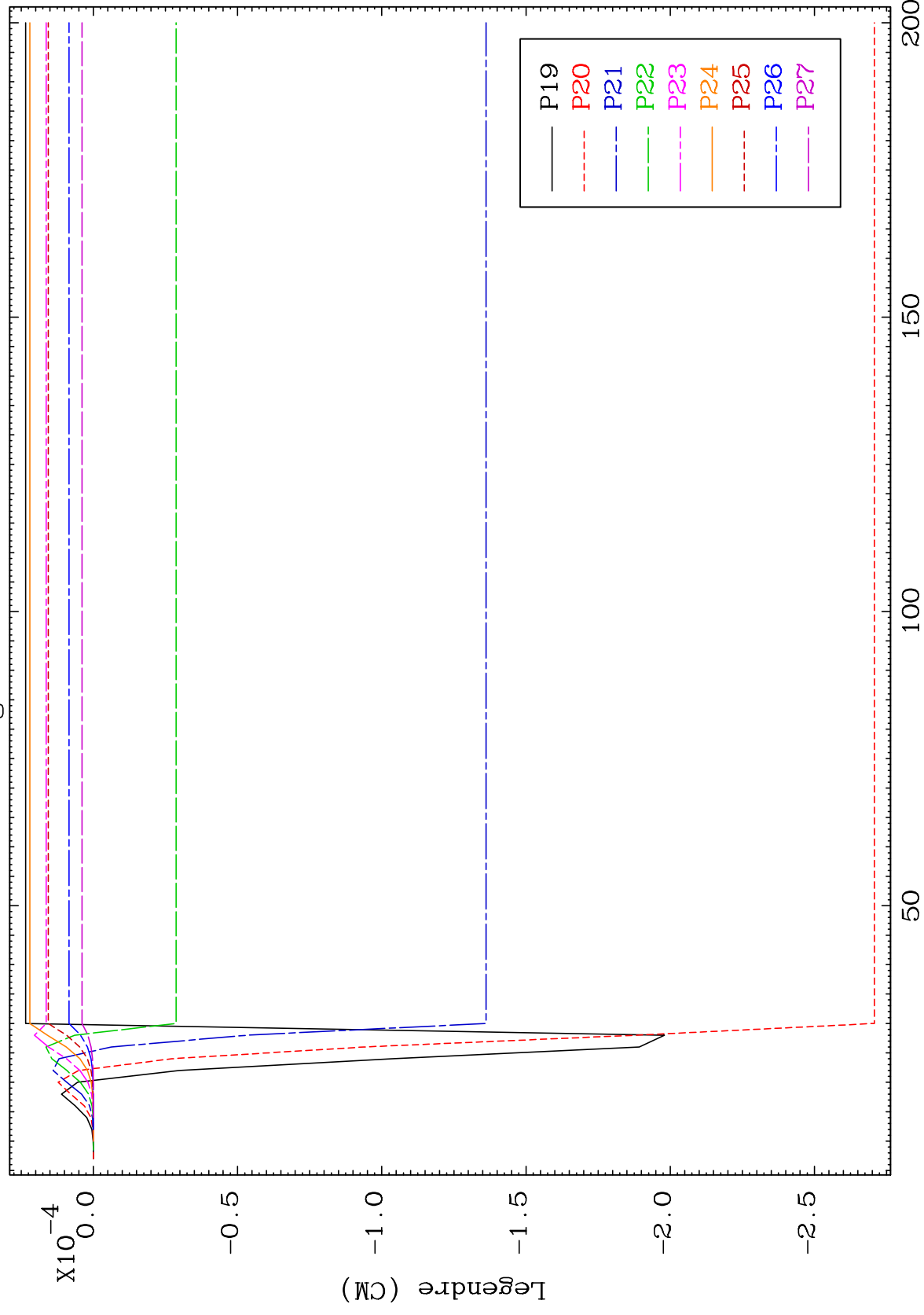
63-Eu-165



MAT 6367

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

63-Eu-165



63

Incident Energy (MeV)

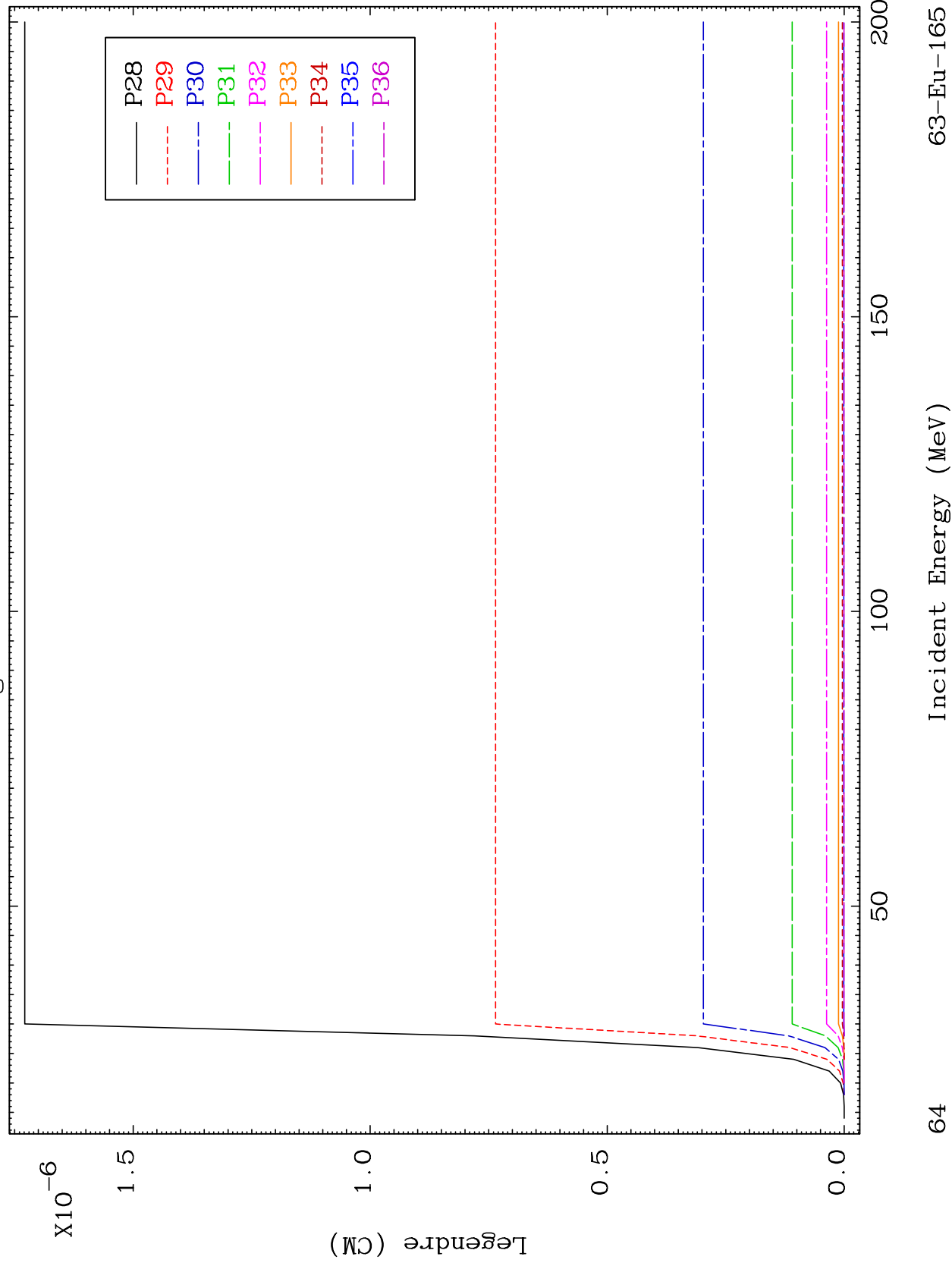
63-Eu-165



MAT 6367

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

63-Eu-165



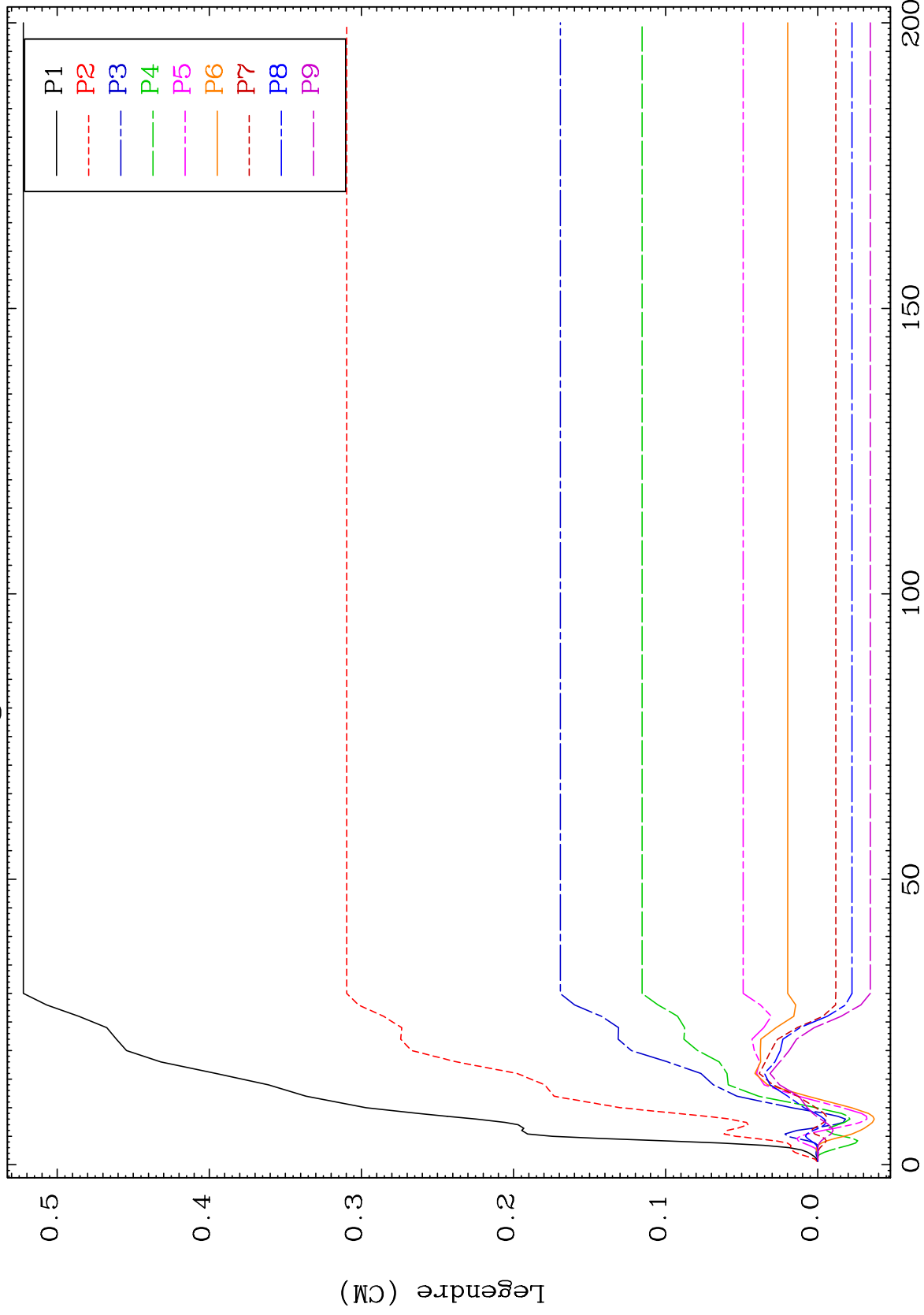
64

63-Eu-165

MAT 6367

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

63-Eu-165



65

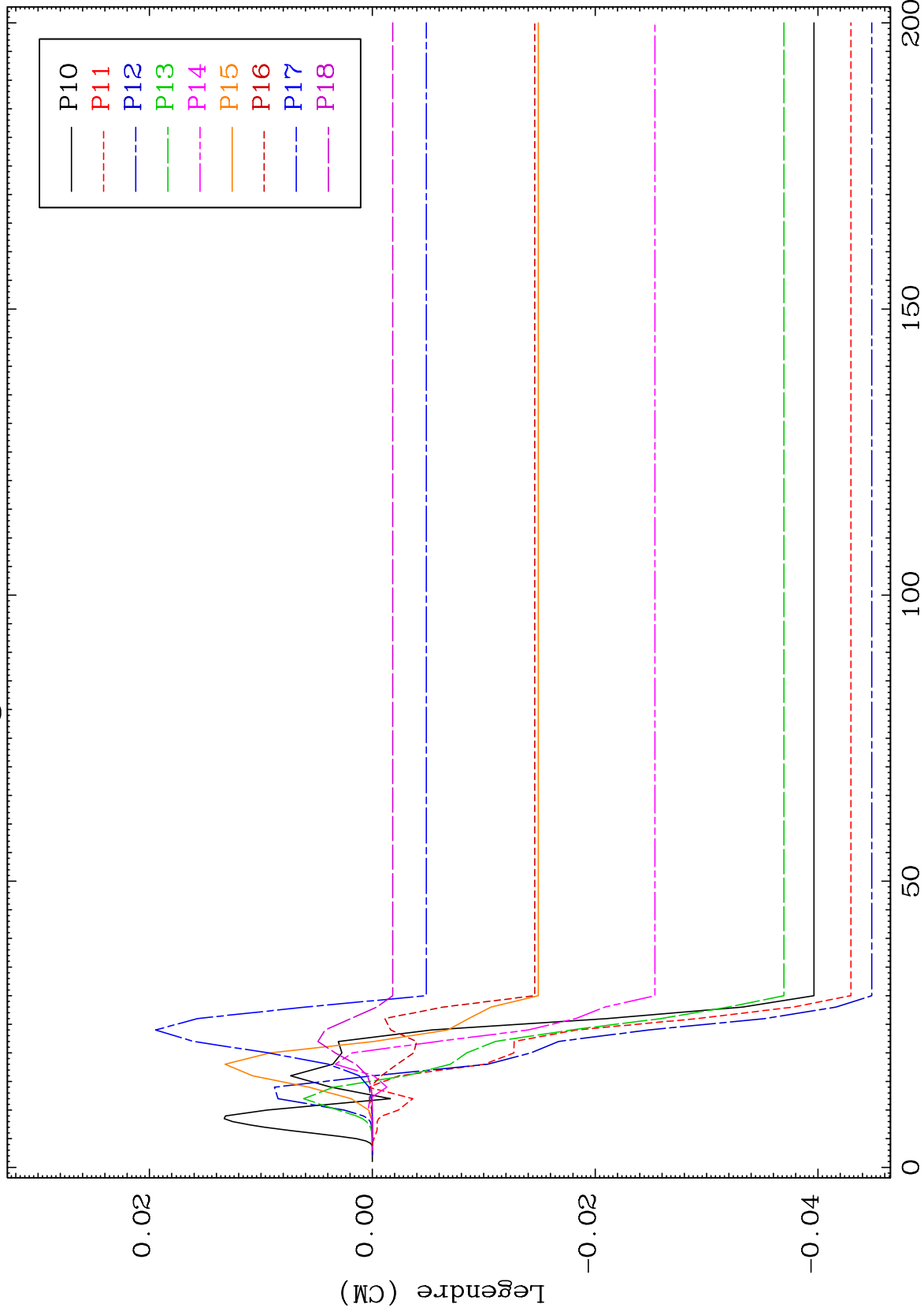
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



66

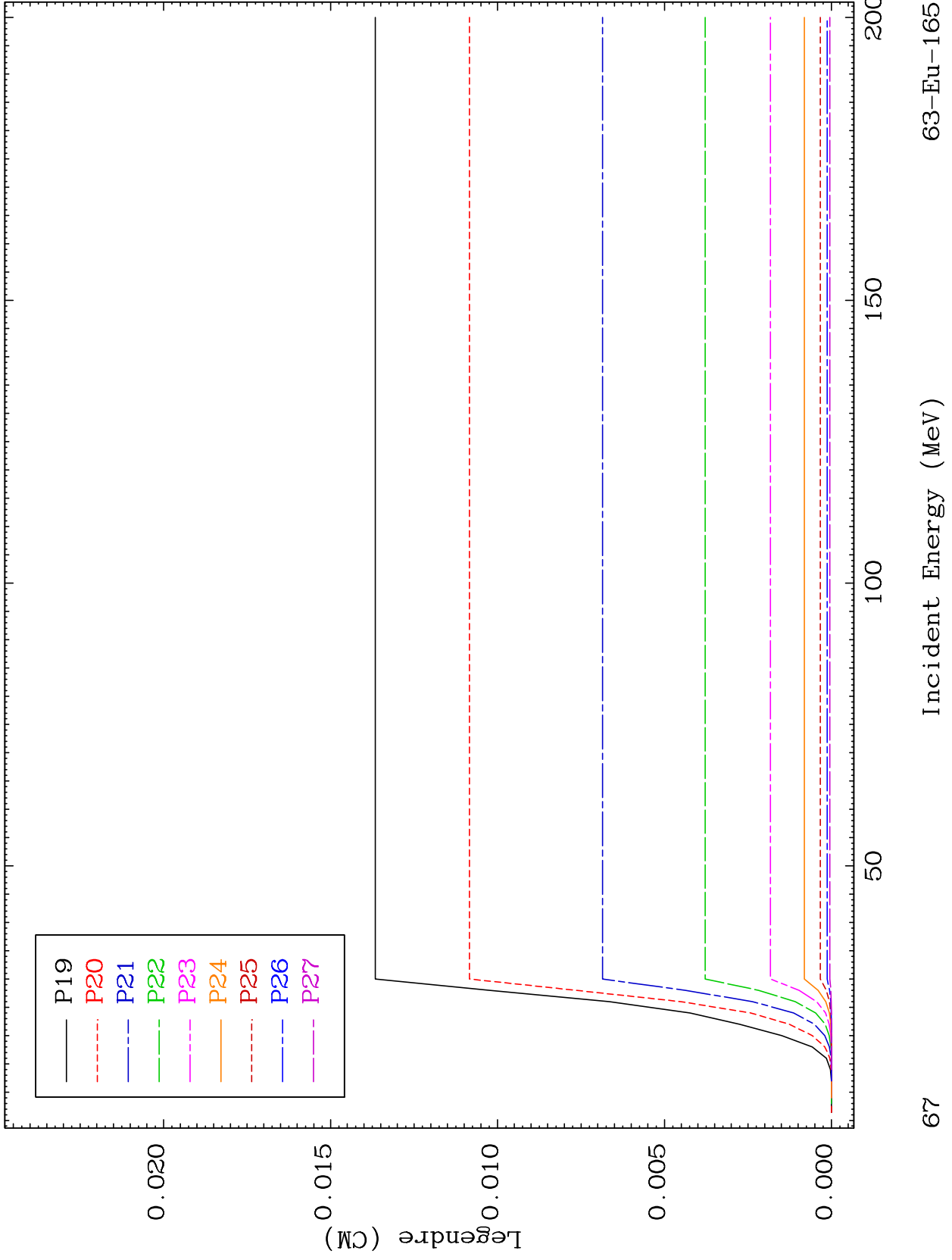
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



67

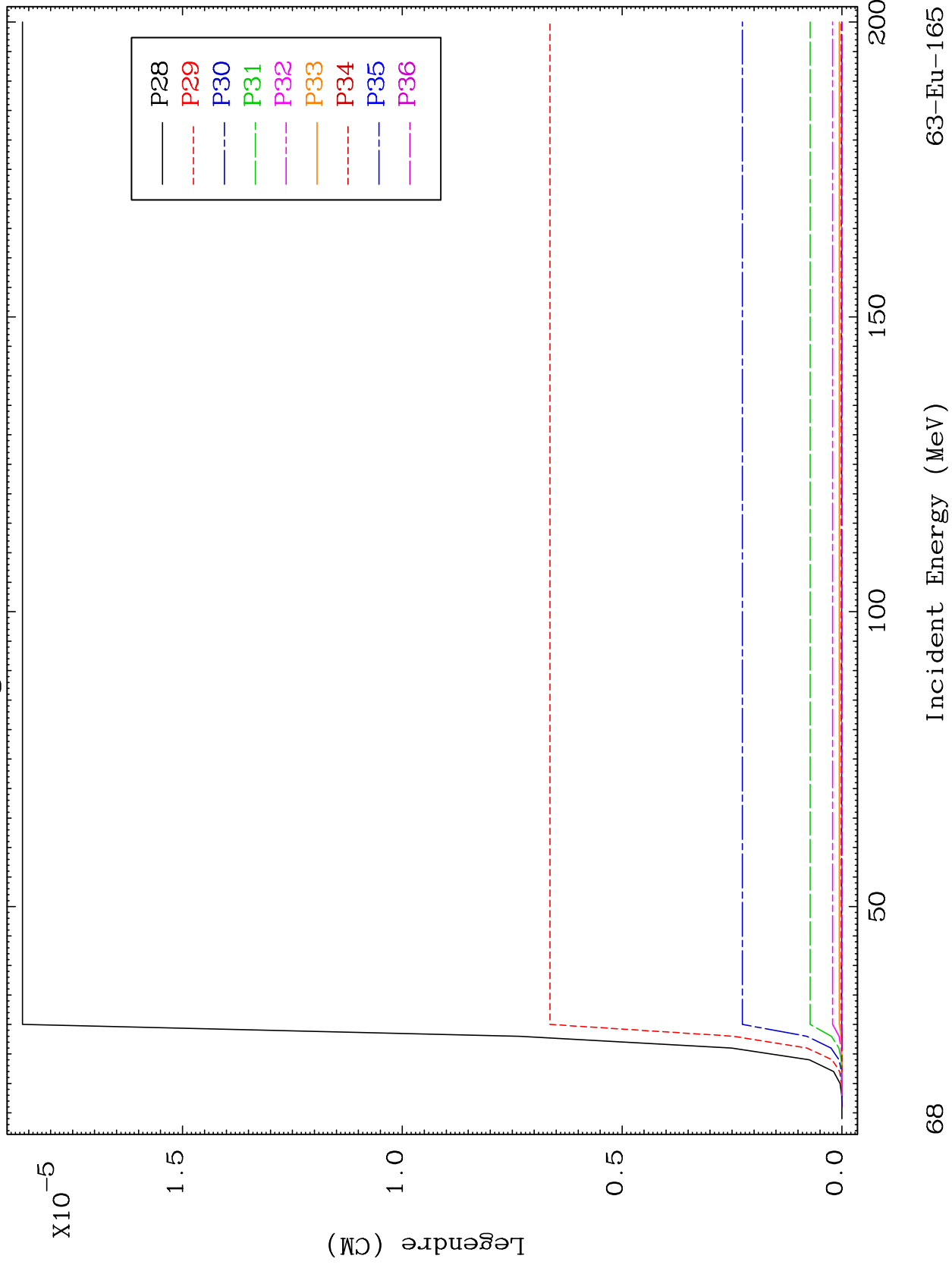
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

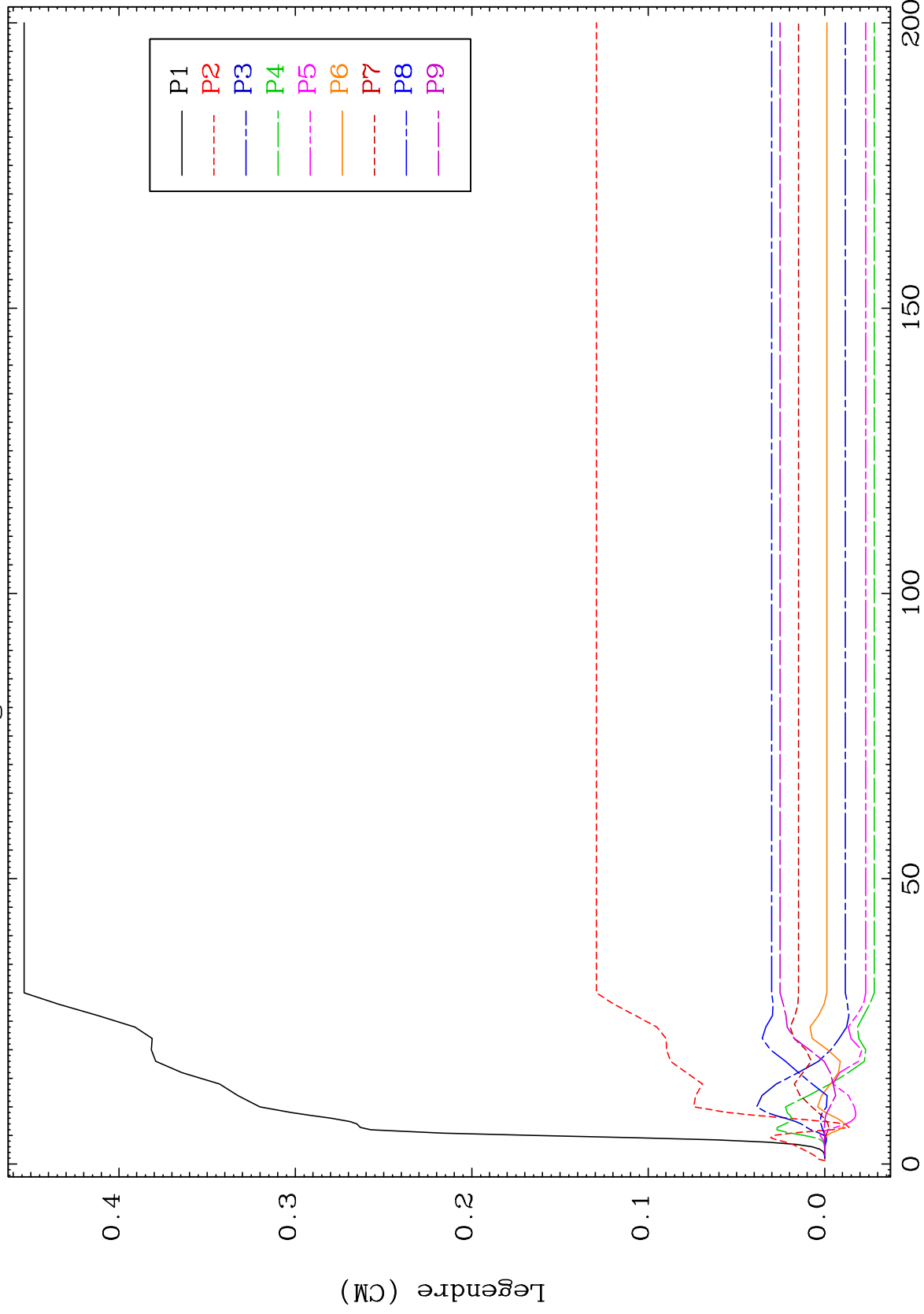
63-Eu-165



MAT 6367

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

63-Eu-165



69

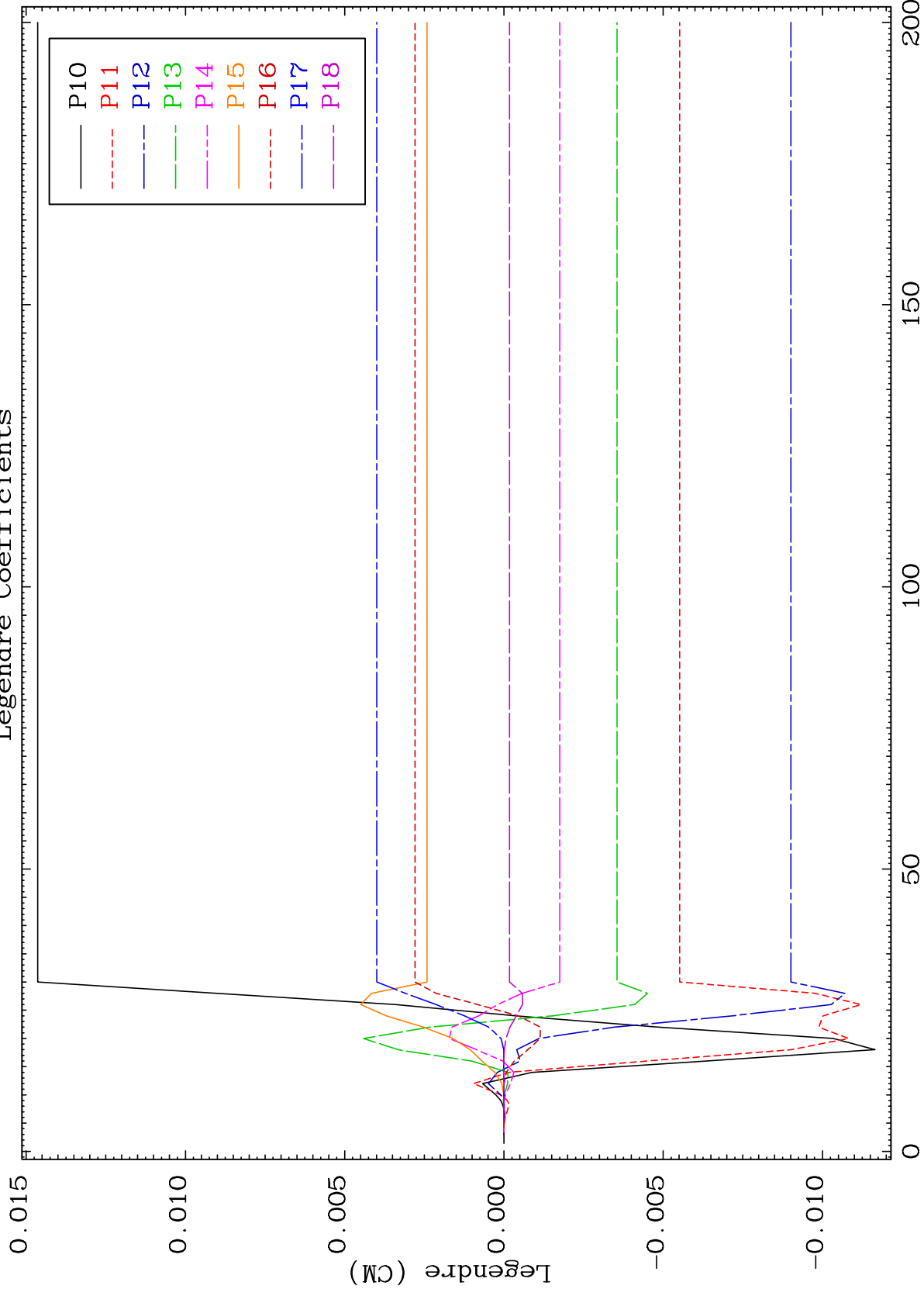
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



63-Eu-165

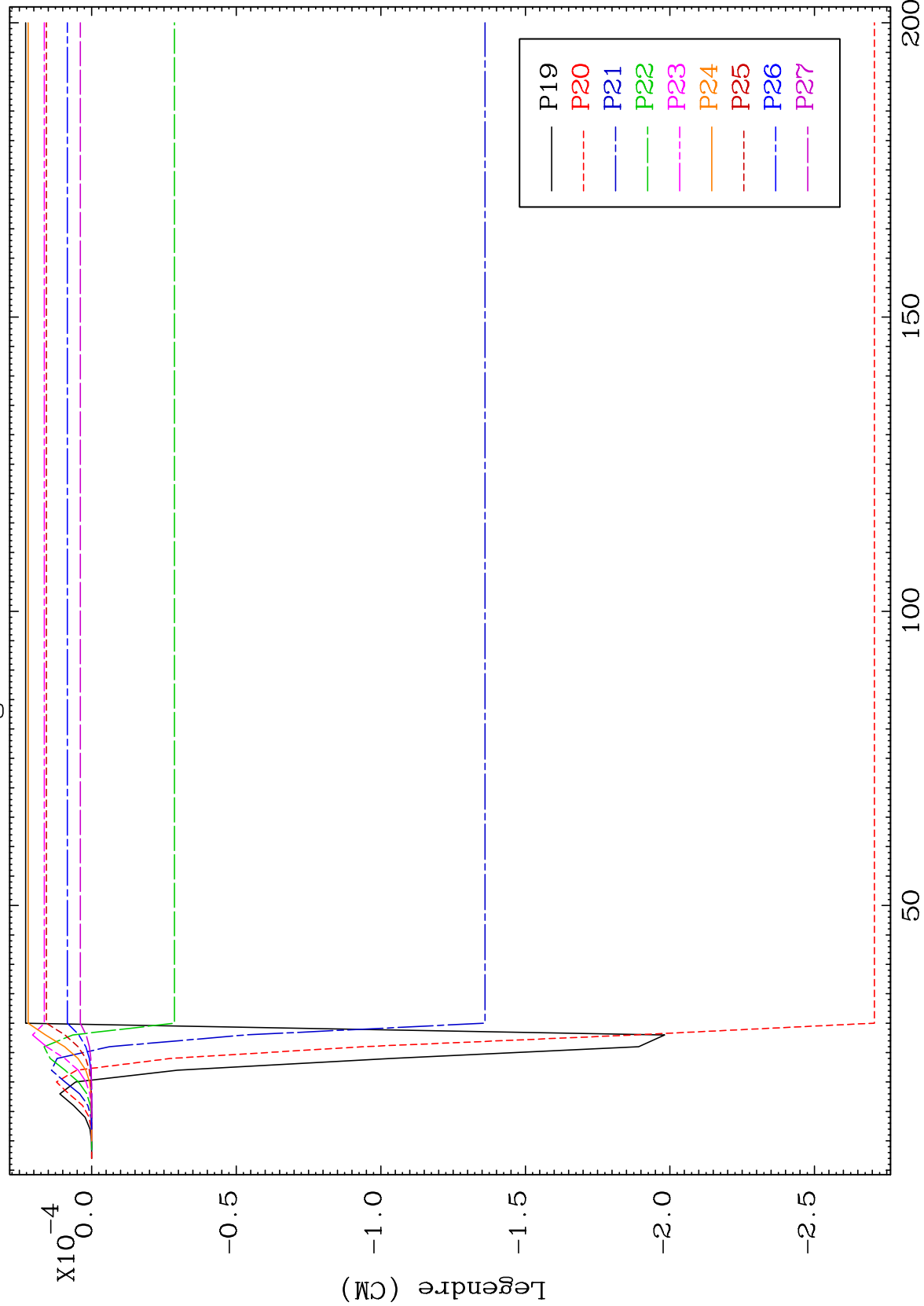
Incident Energy (MeV)

70

MAT 6367

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

63-Eu-165

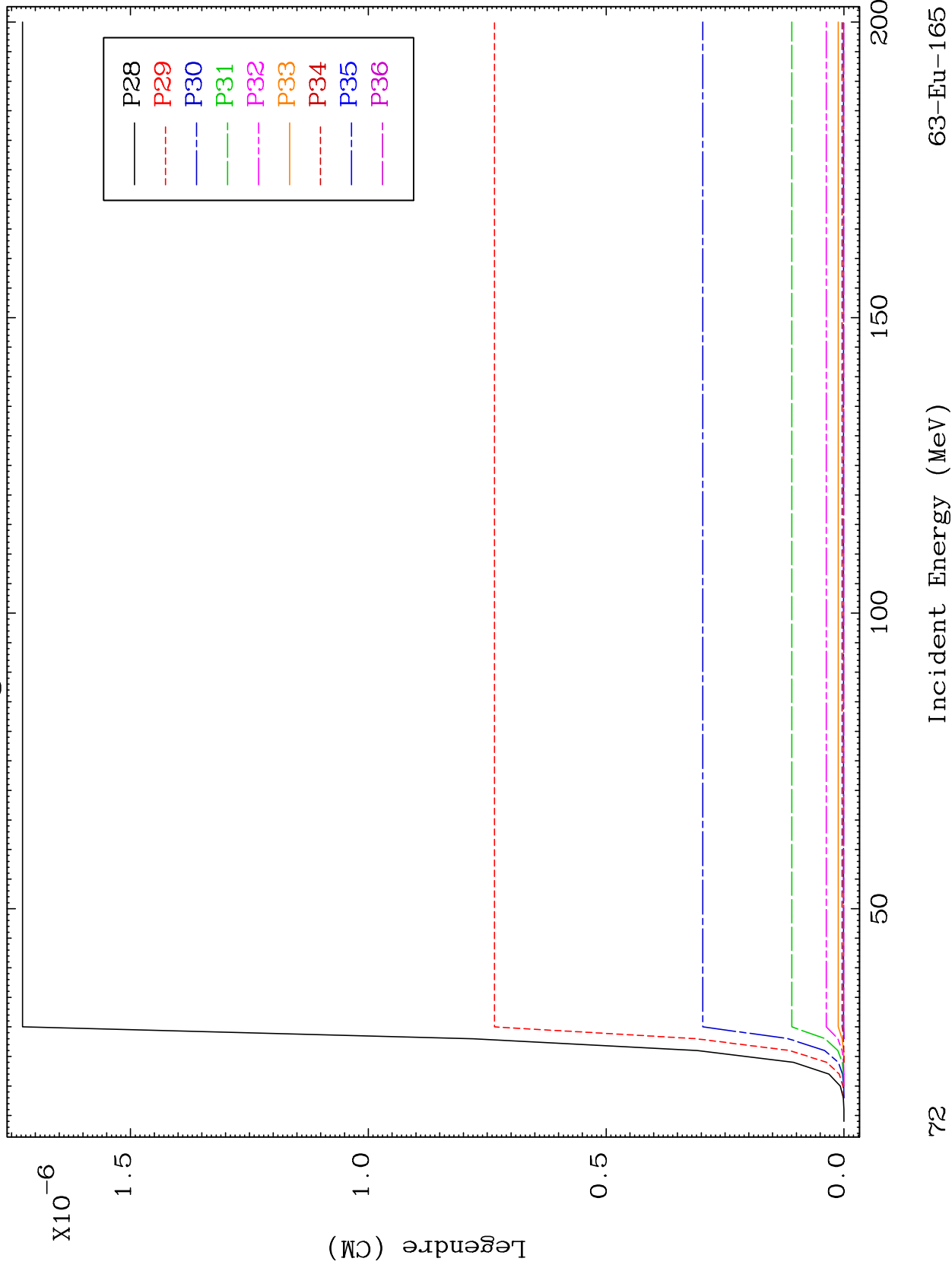




MAT 6367

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

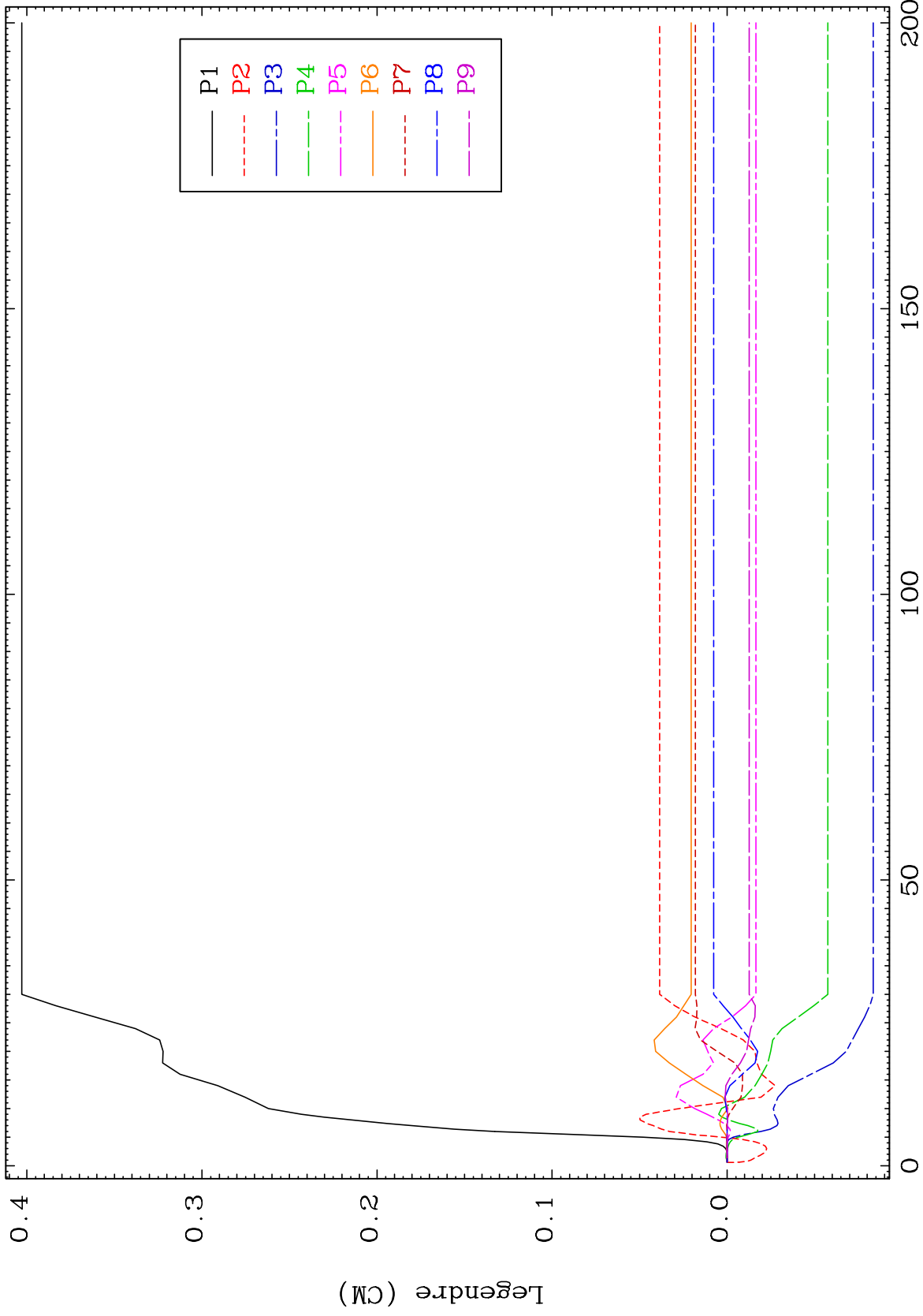
63-Eu-165



MAT 6367

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

63-Eu-165



73

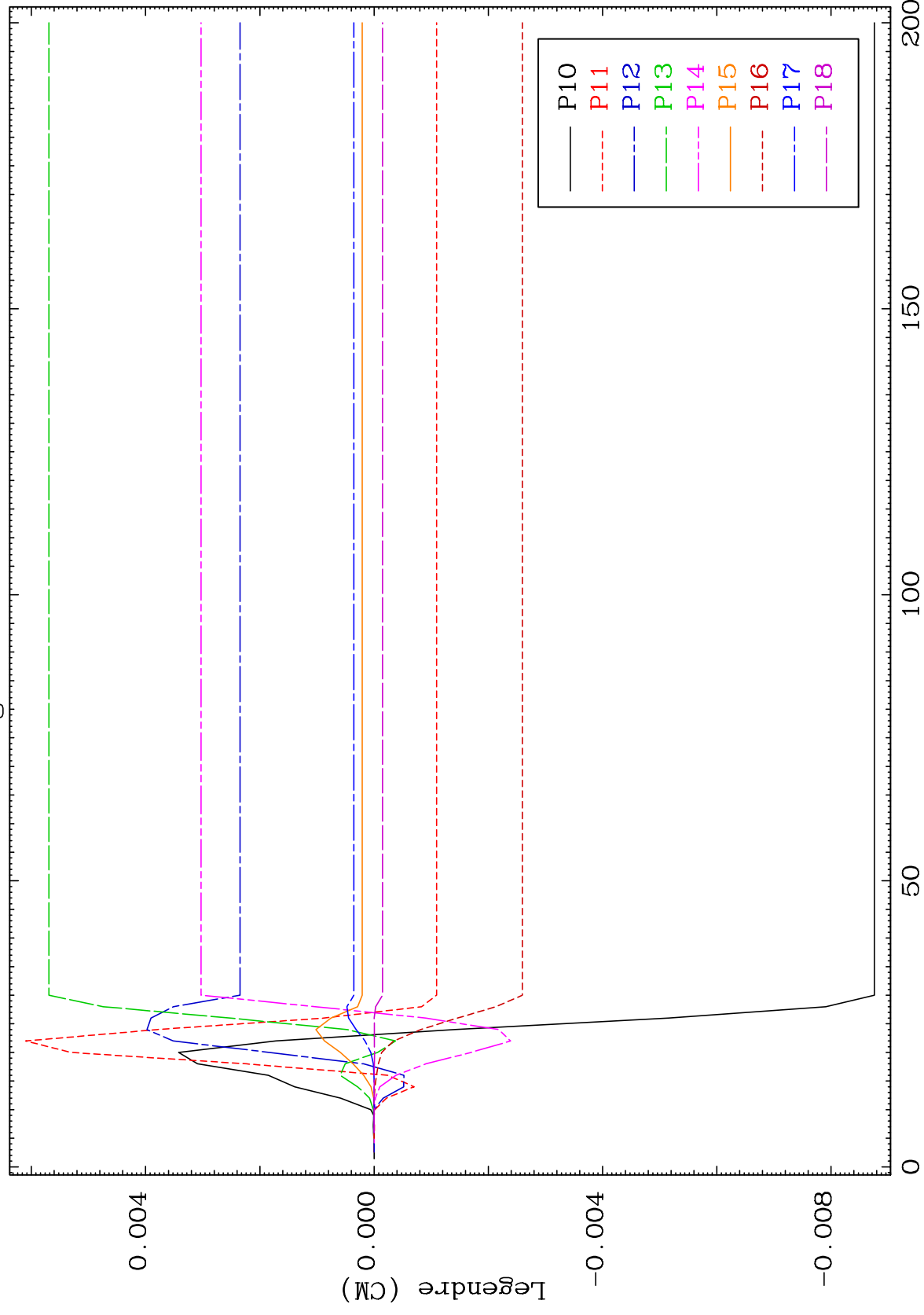
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



74

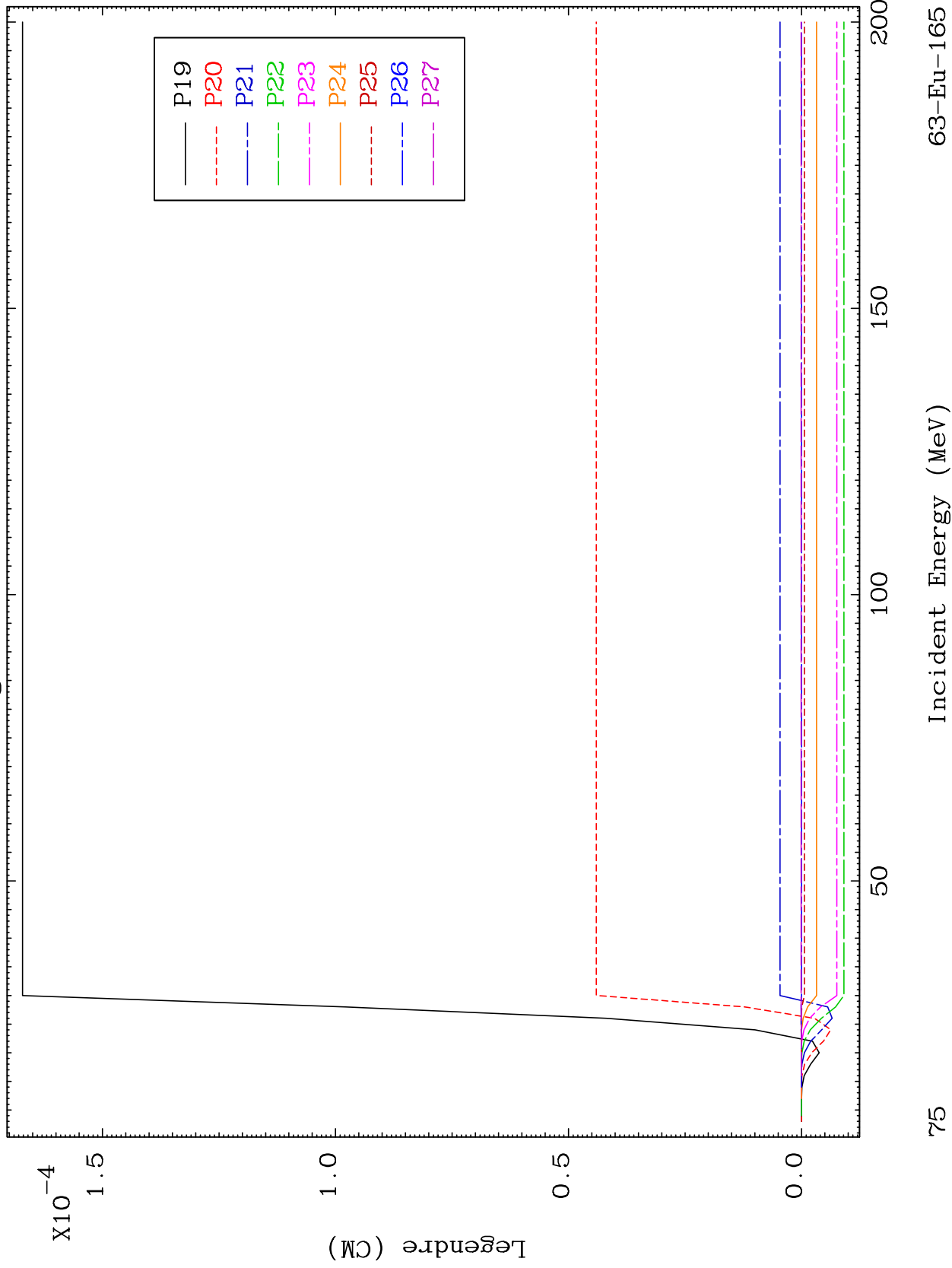
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



75

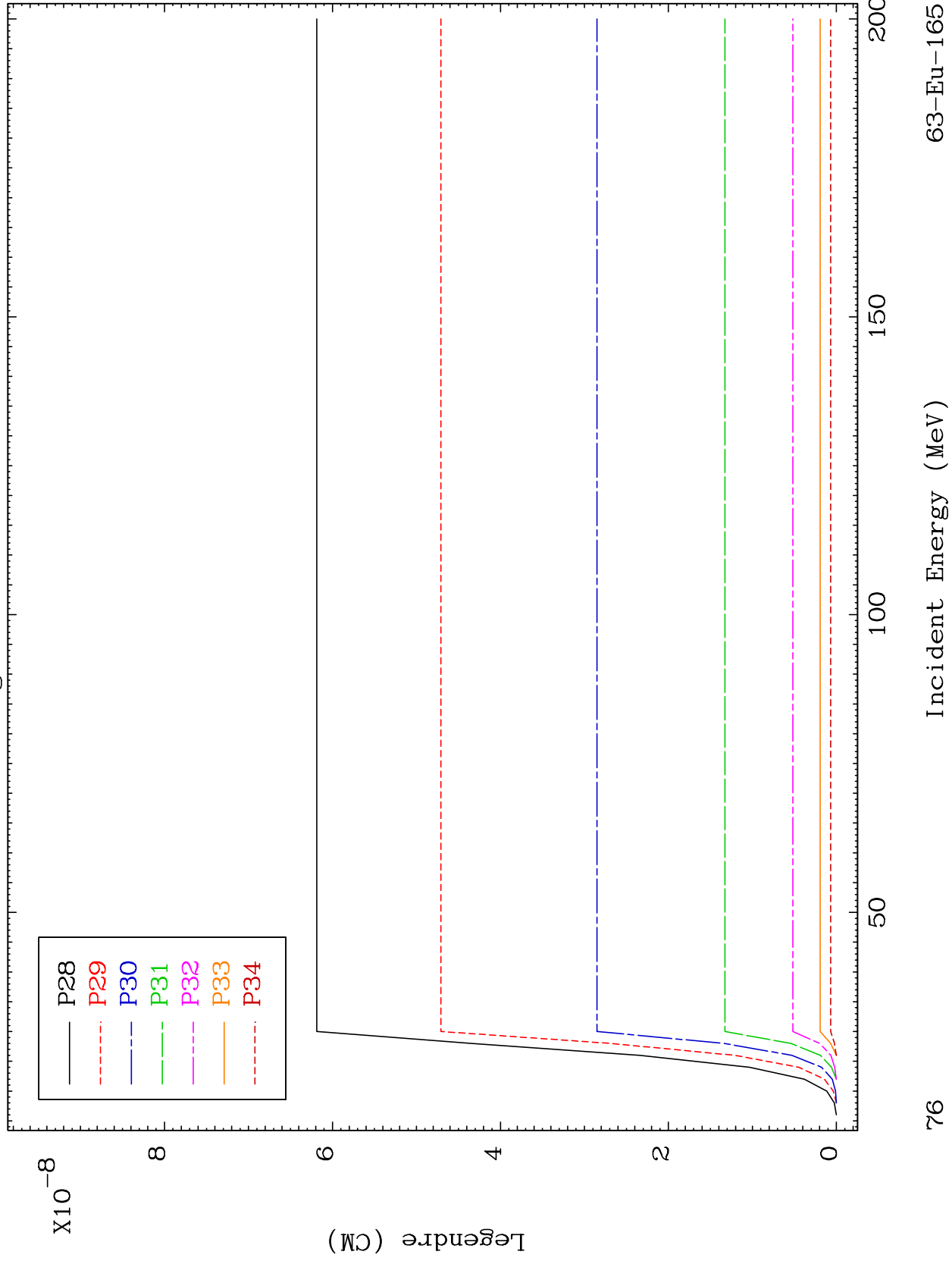
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

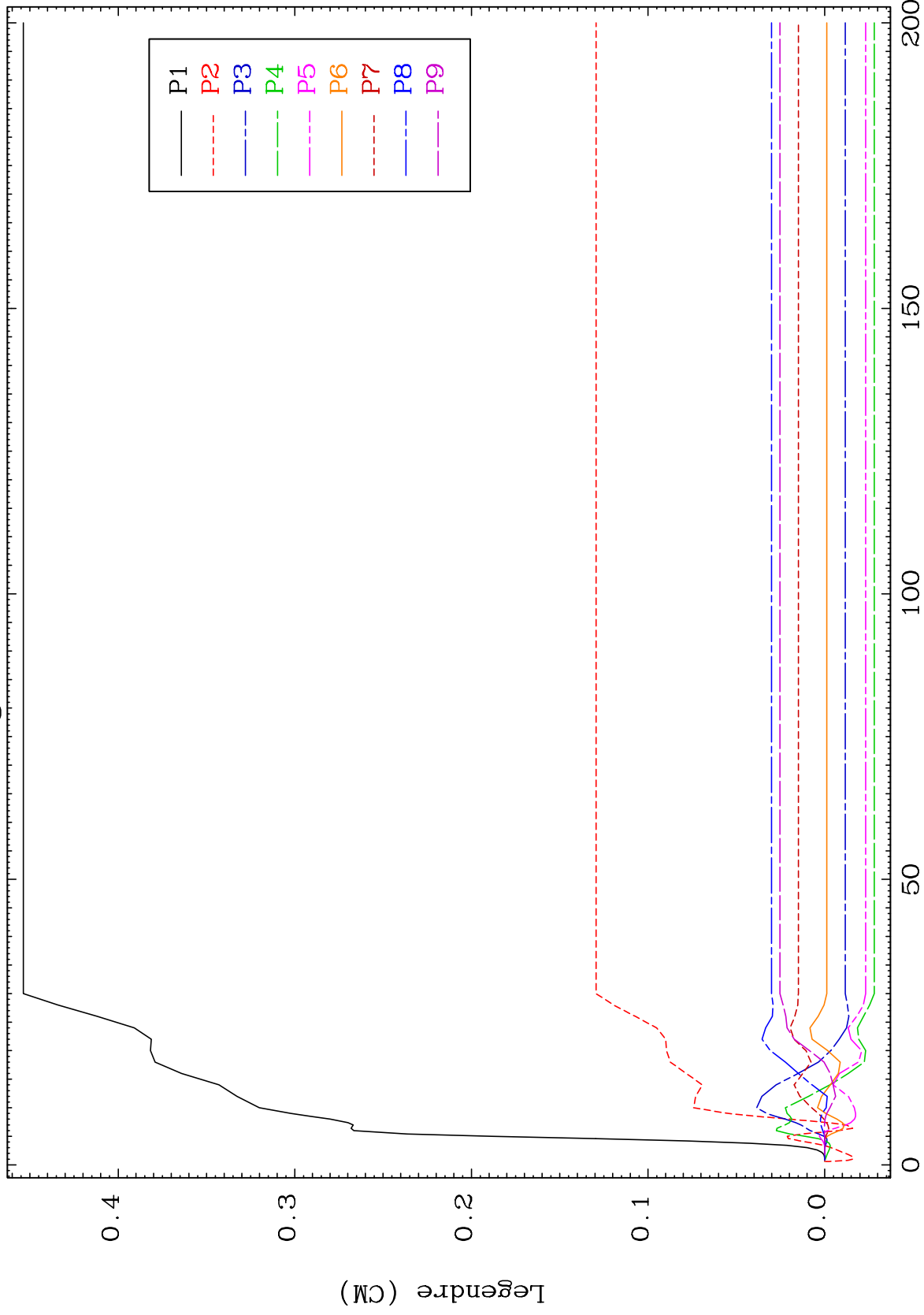
63-Eu-165



MAT 6367

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

63-Eu-165



77

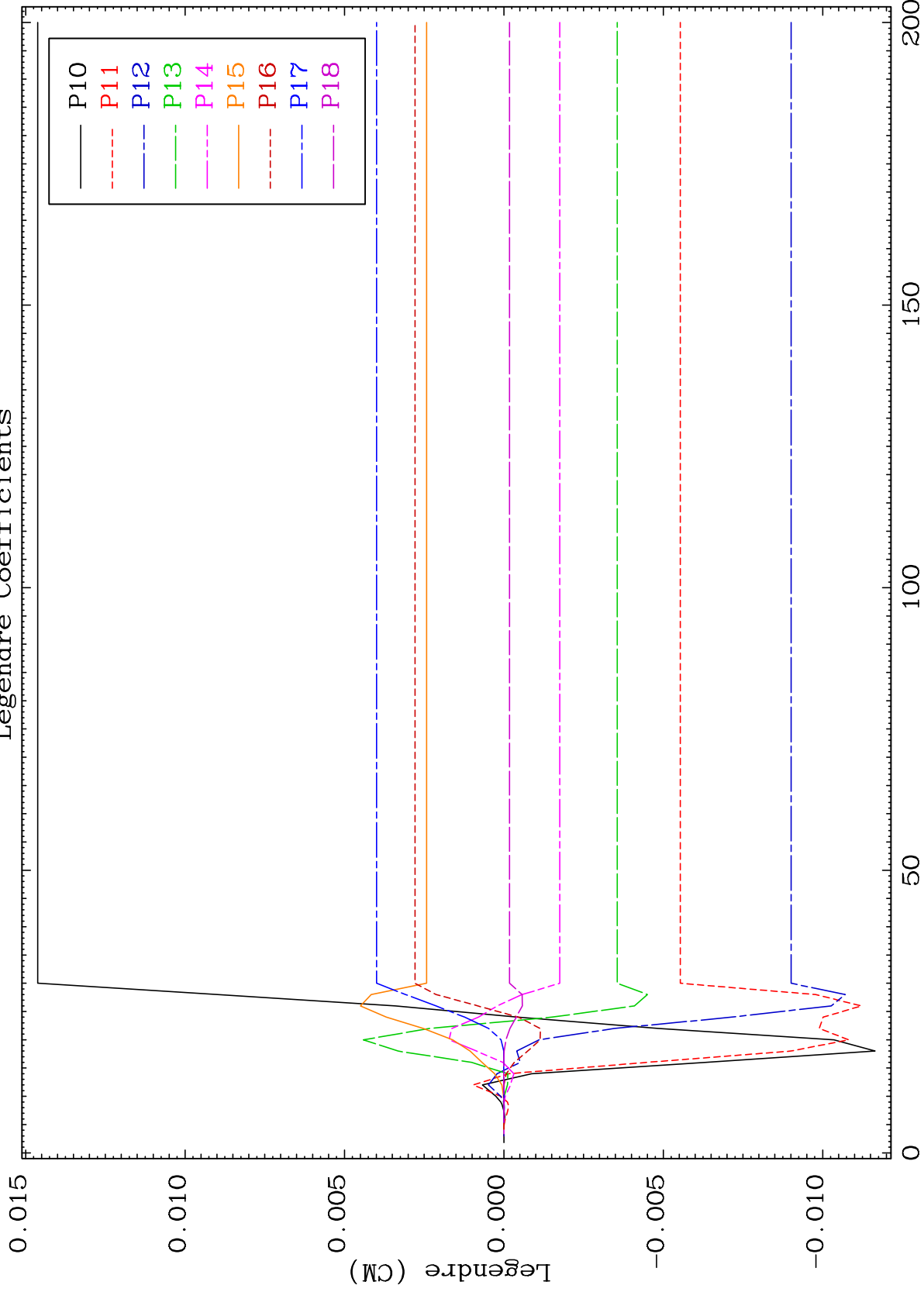
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



78

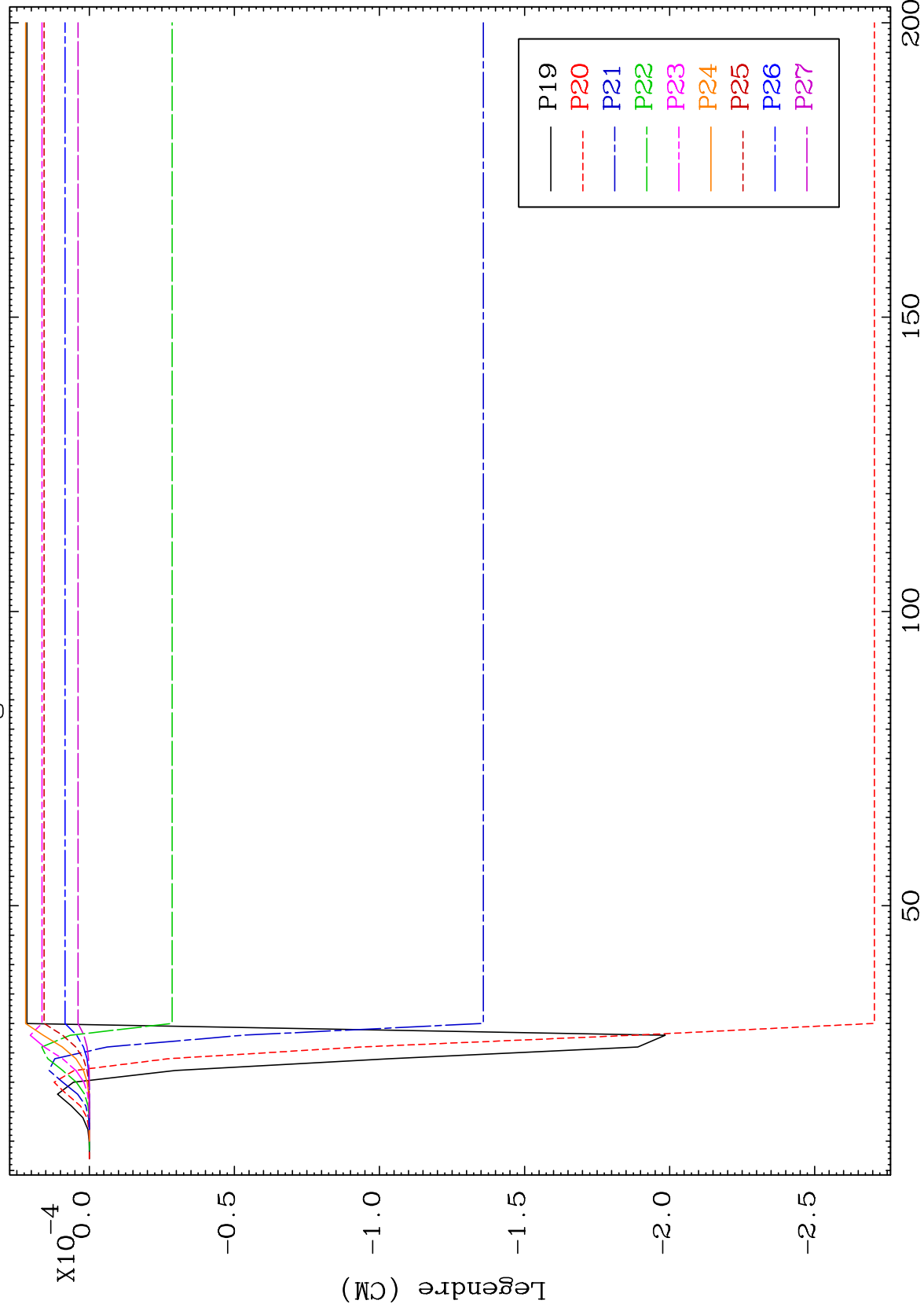
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



79

Incident Energy (MeV)

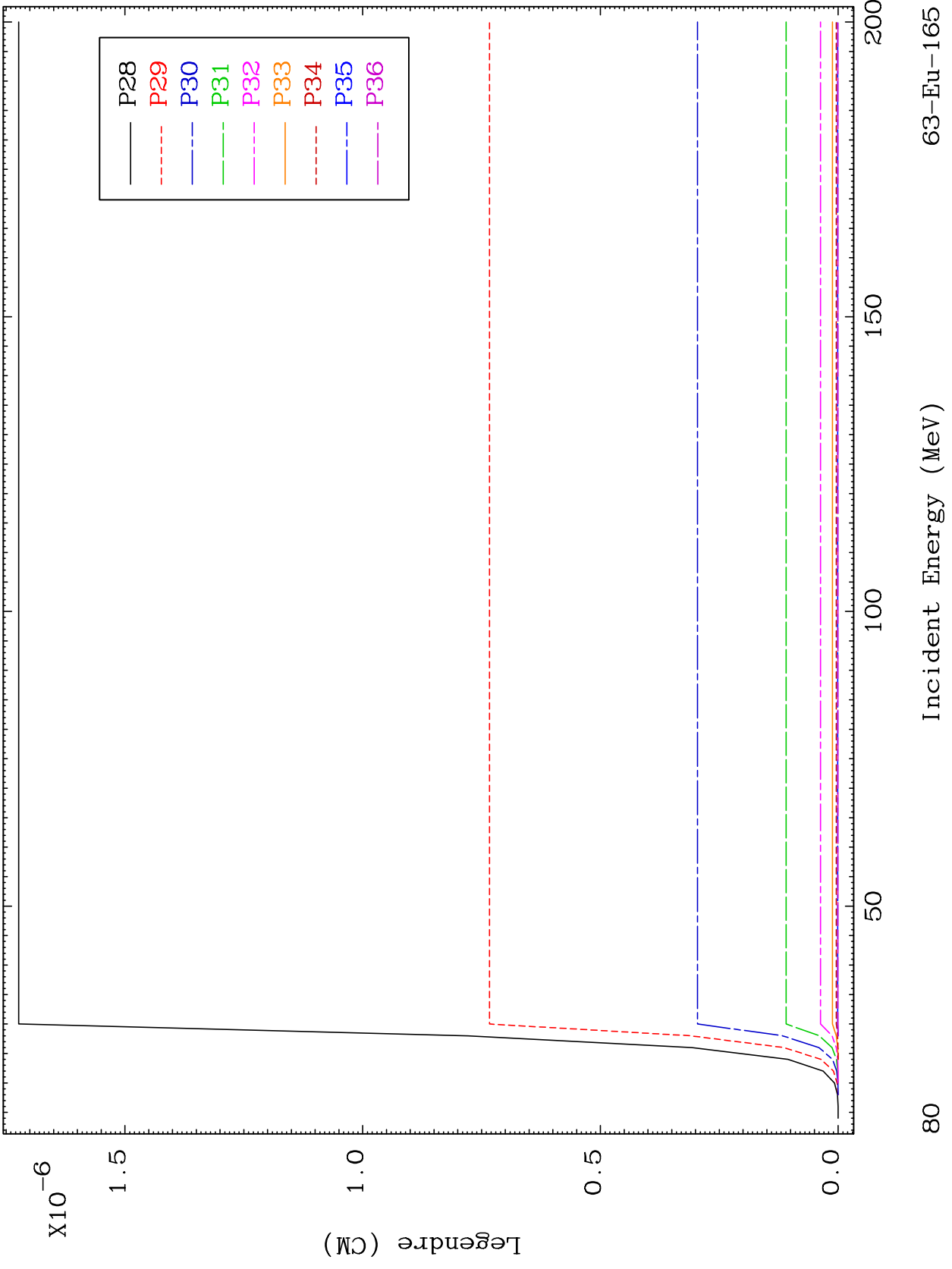
63-Eu-165



MAT 6367

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

63-Eu-165



80

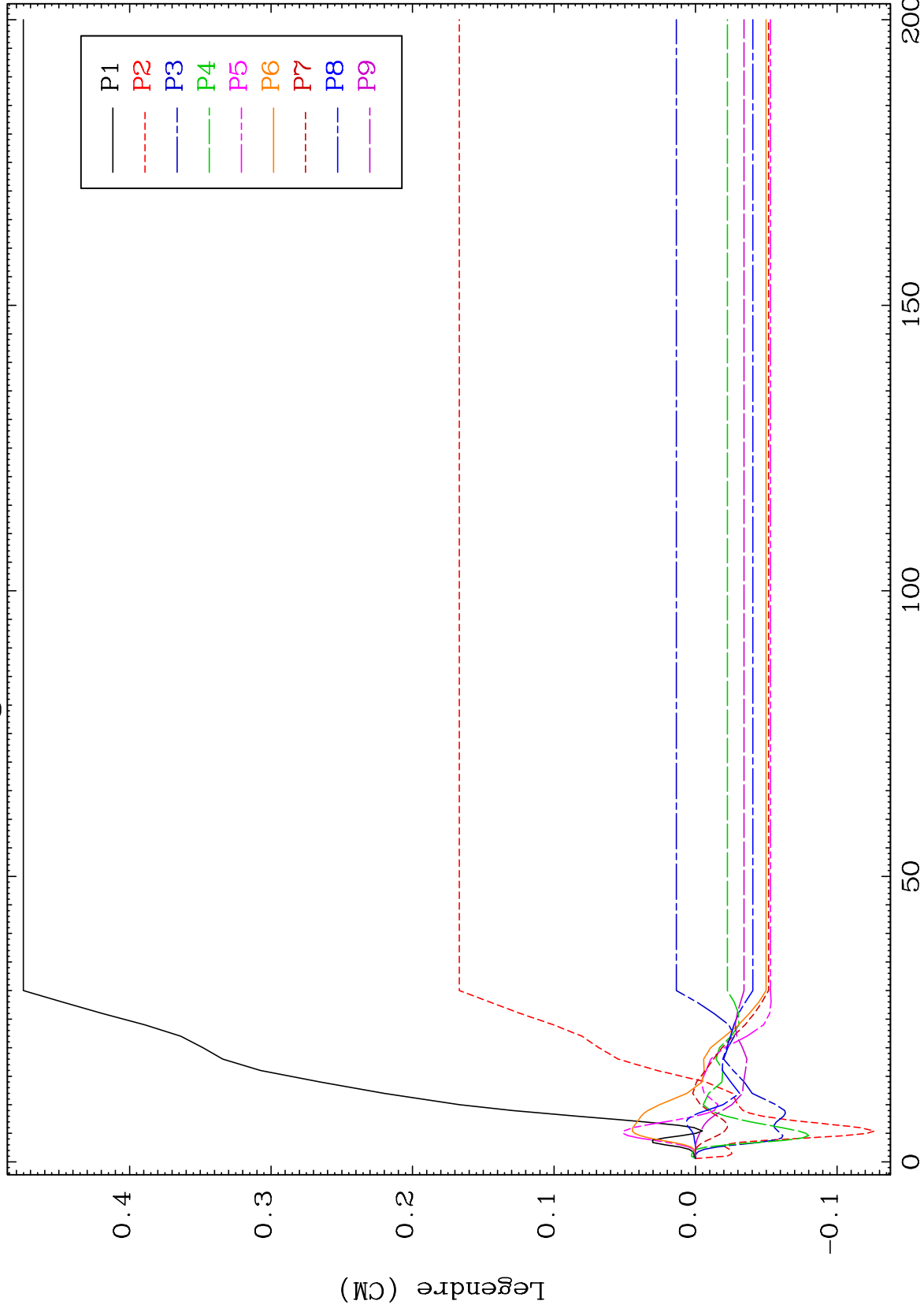
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



81

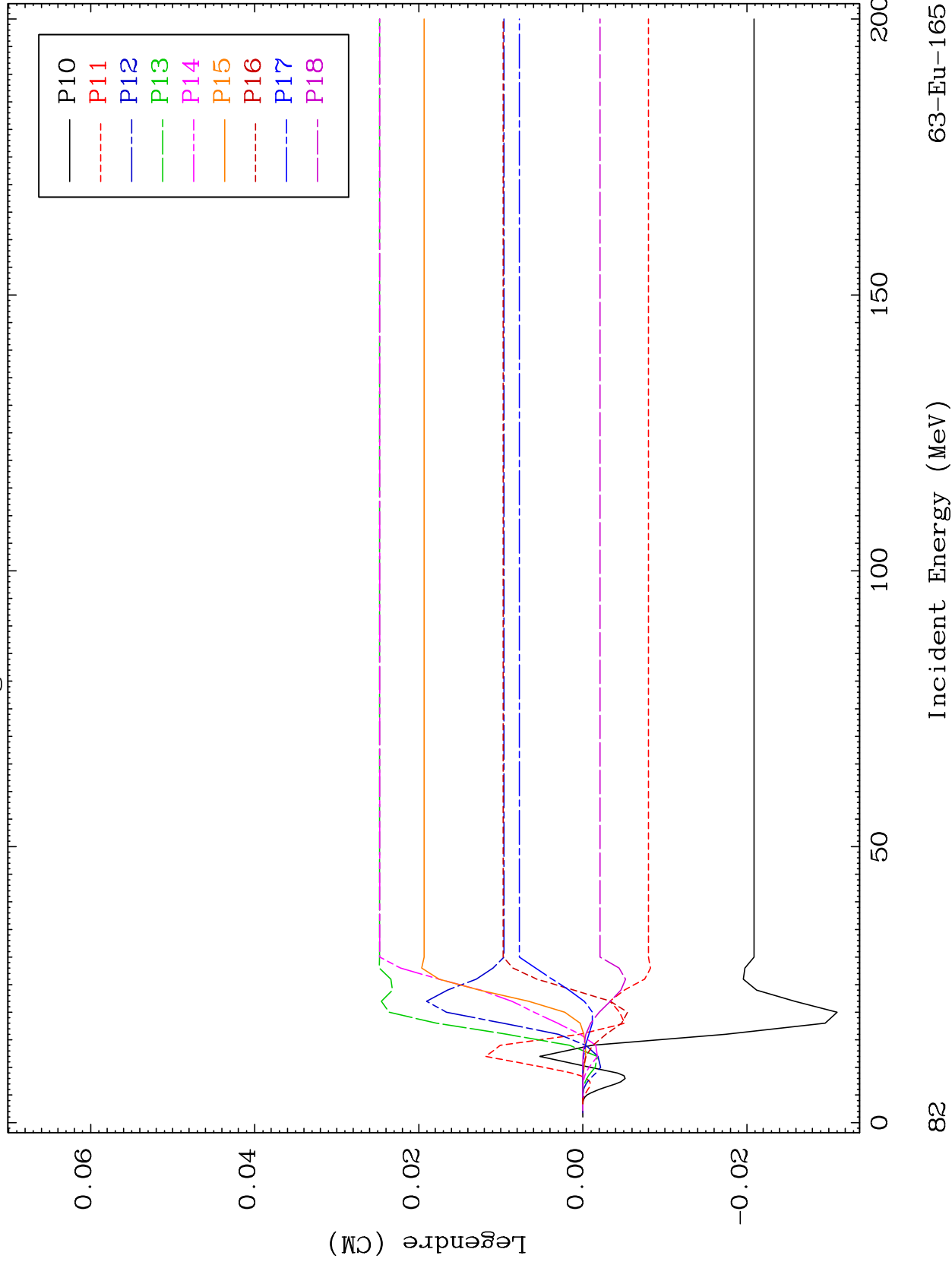
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



82

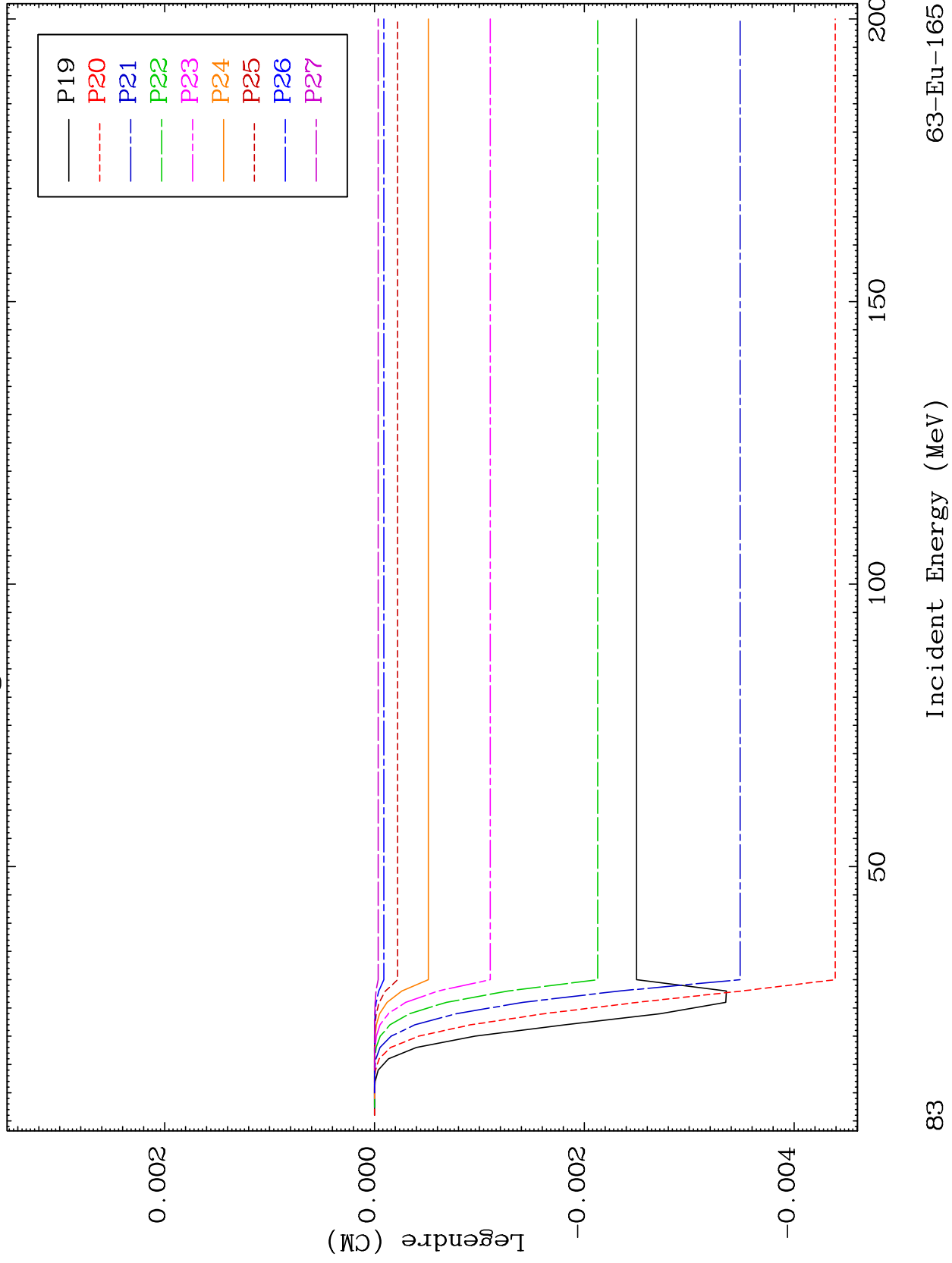
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



83

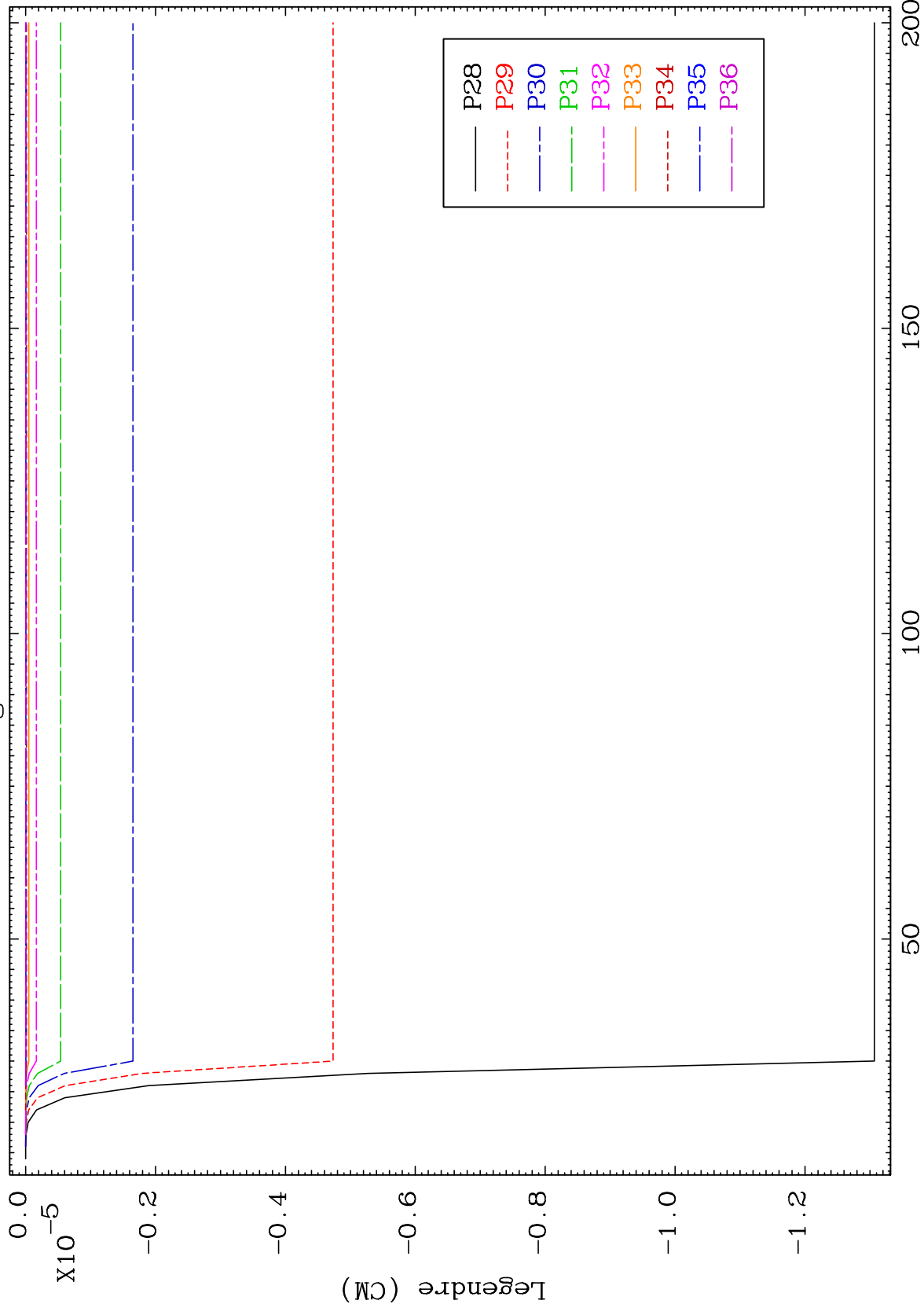
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



84

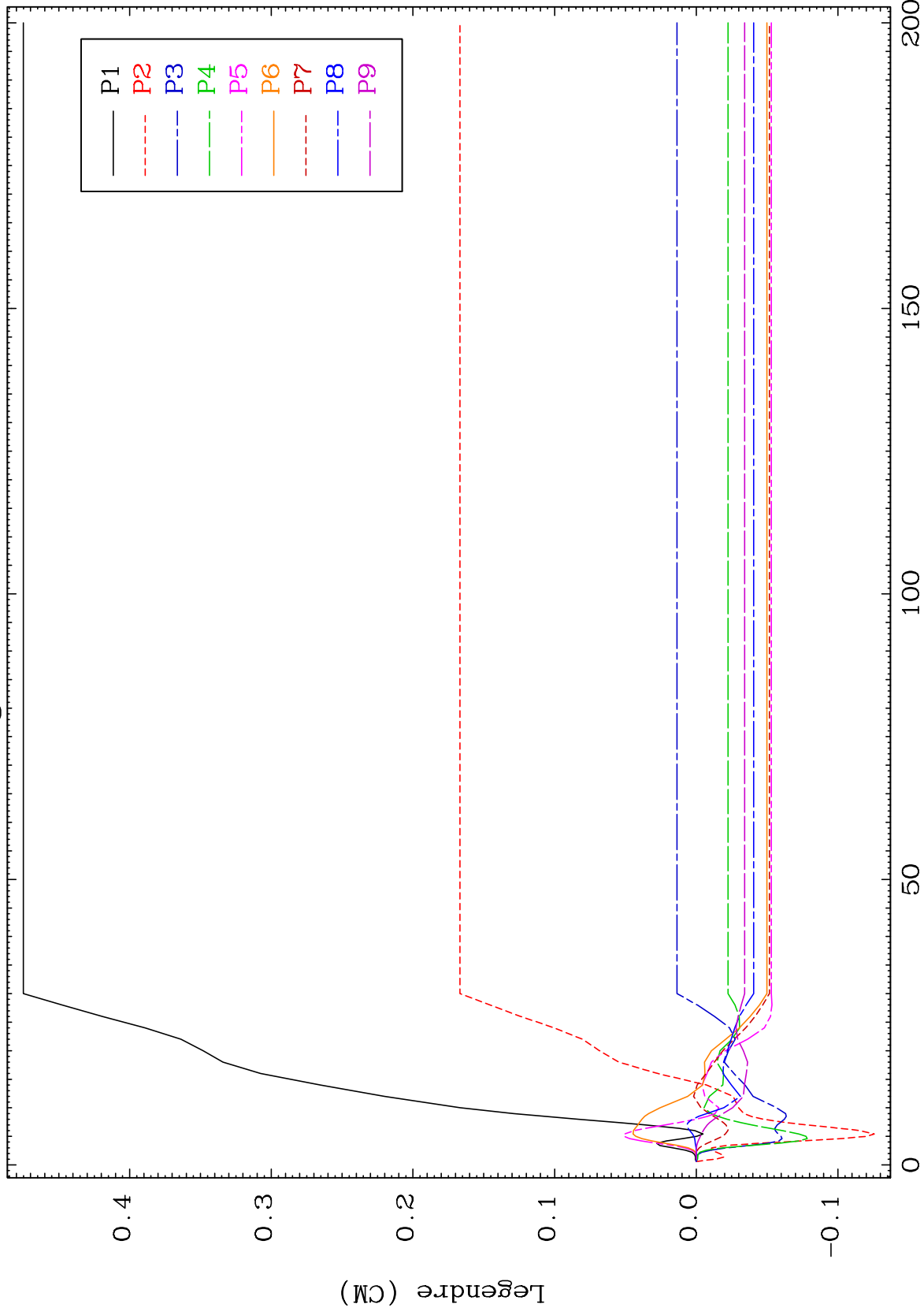
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



85

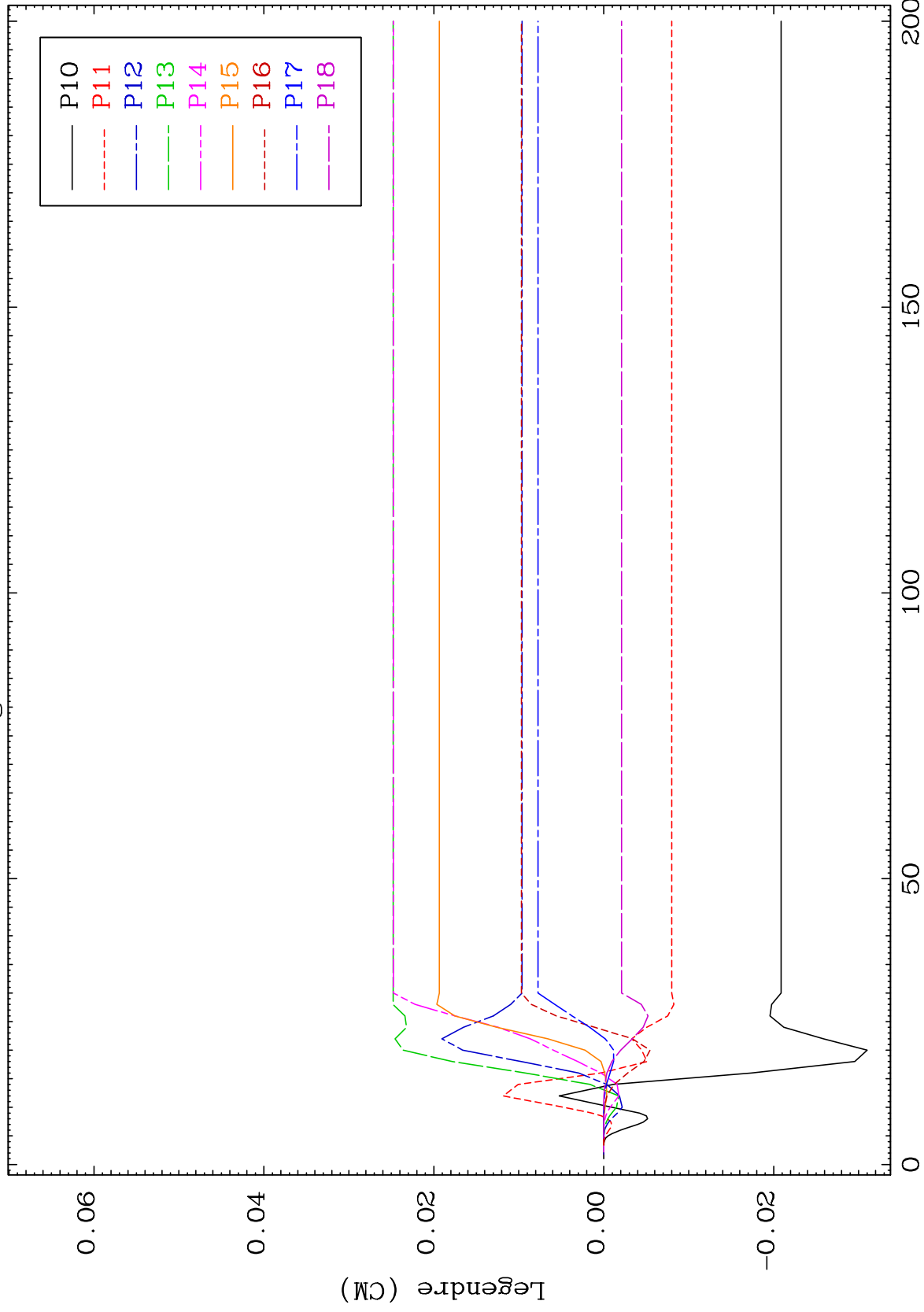
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



86

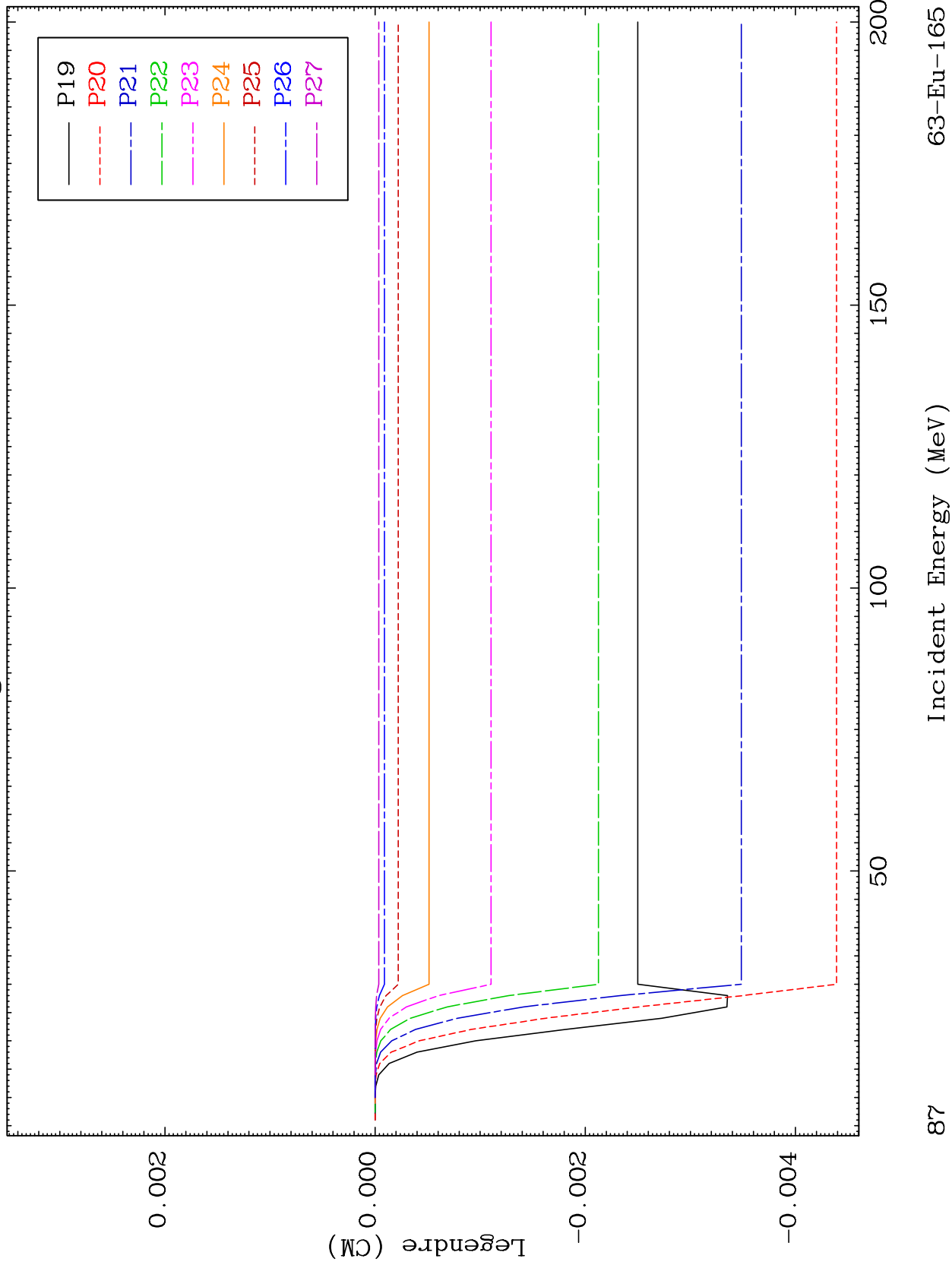
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165

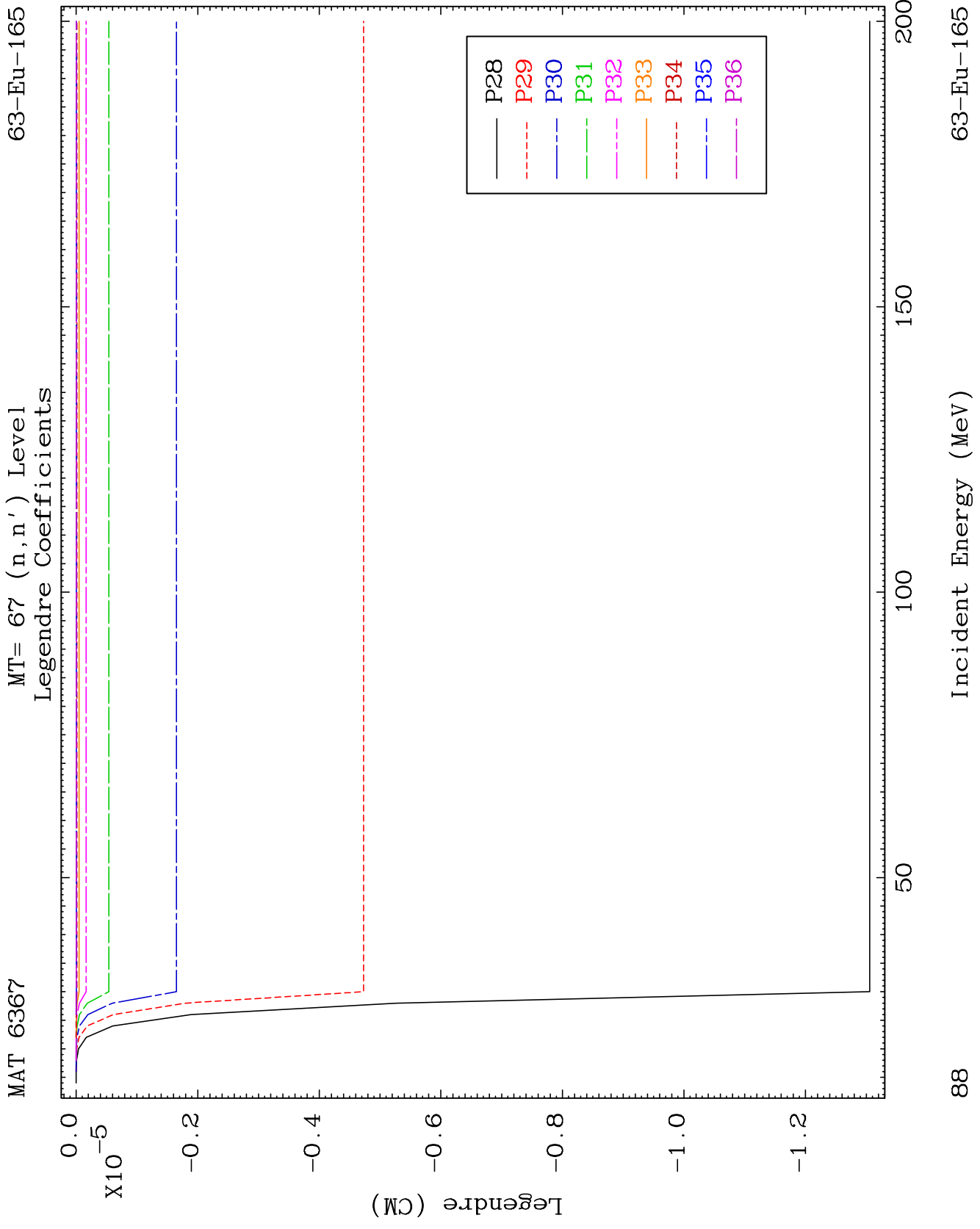


87

Incident Energy (MeV)

63-Eu-165

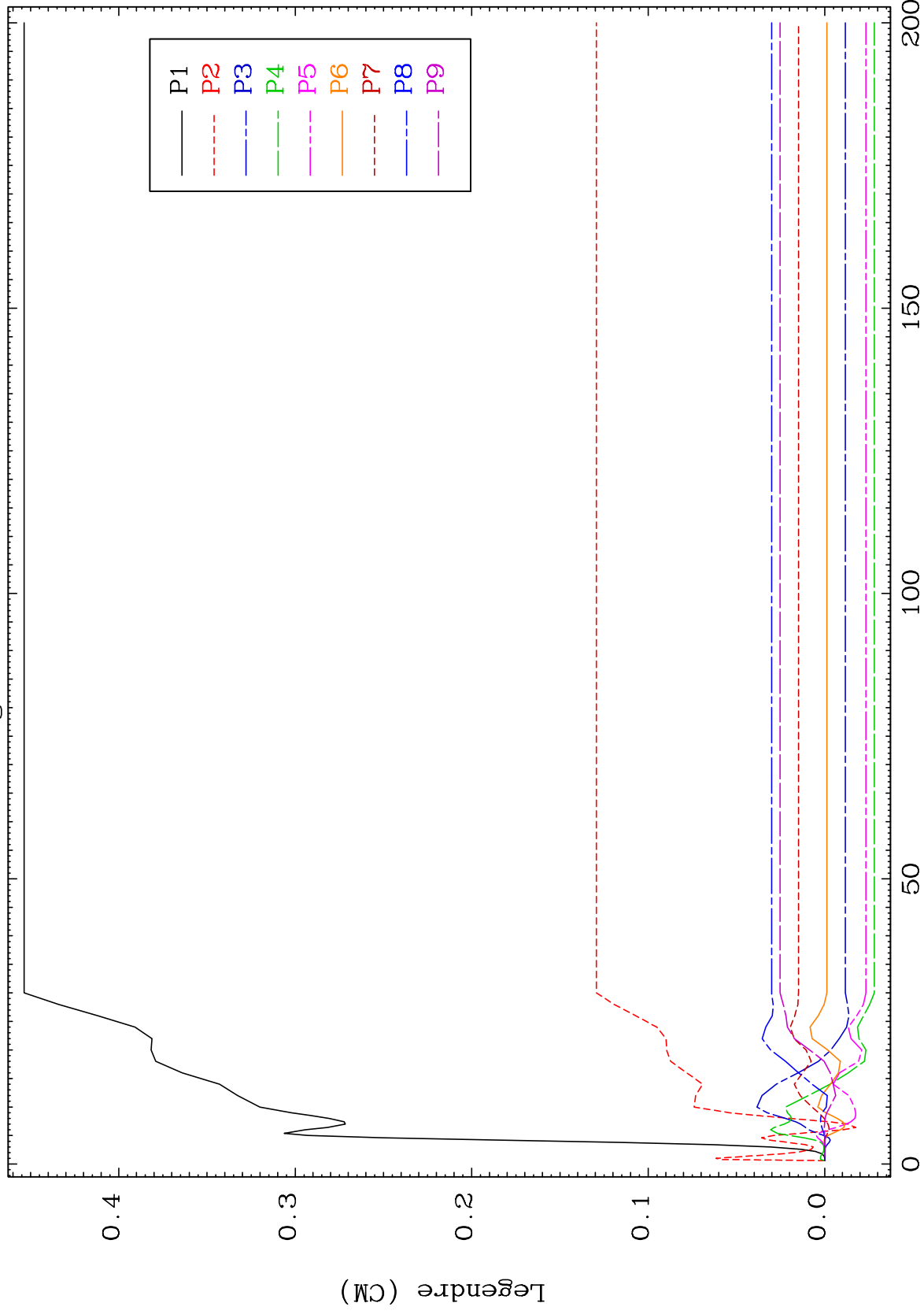




MAT 6367

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

63-Eu-165



89

Incident Energy (MeV)

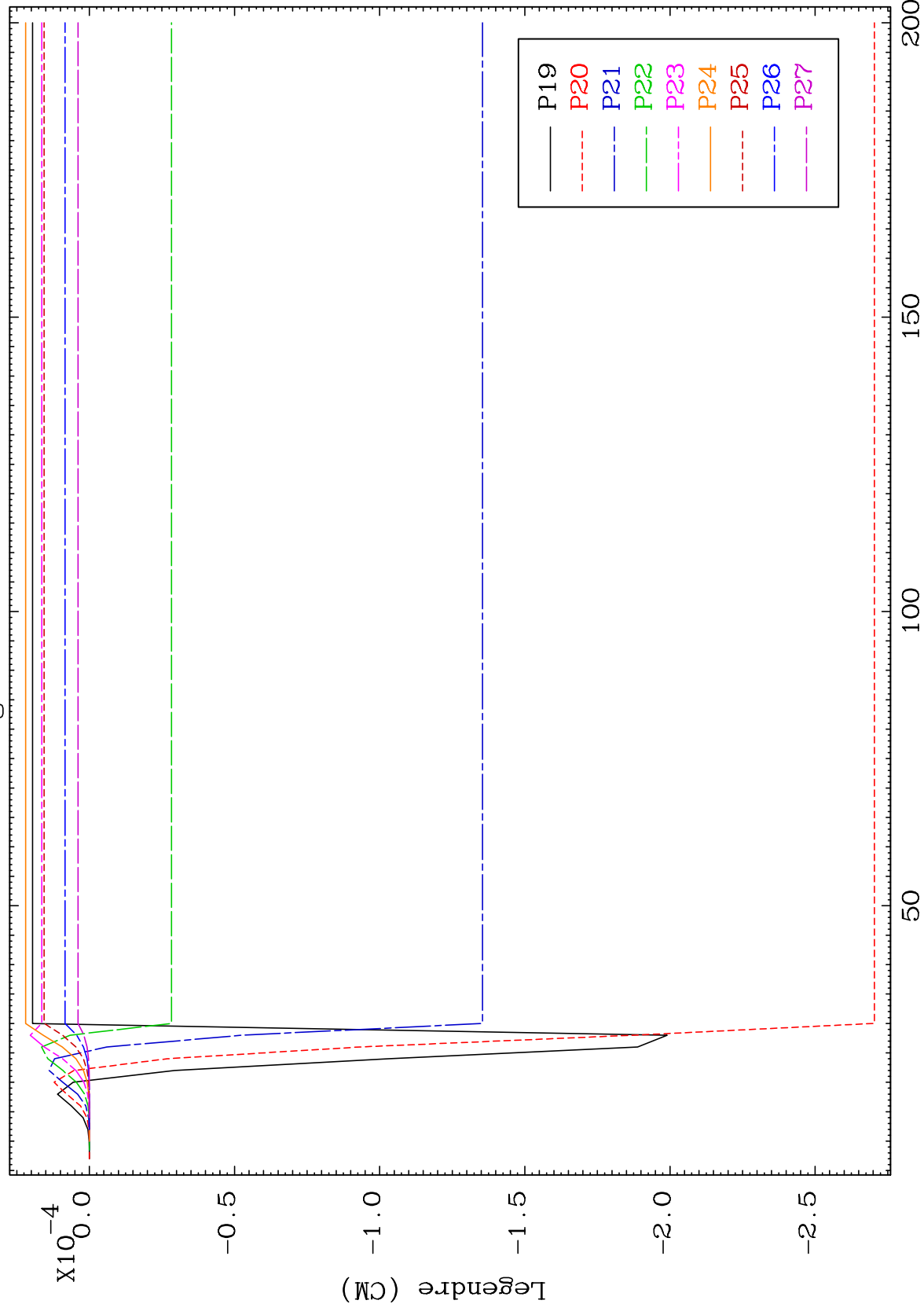
63-Eu-165



MAT 6367

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

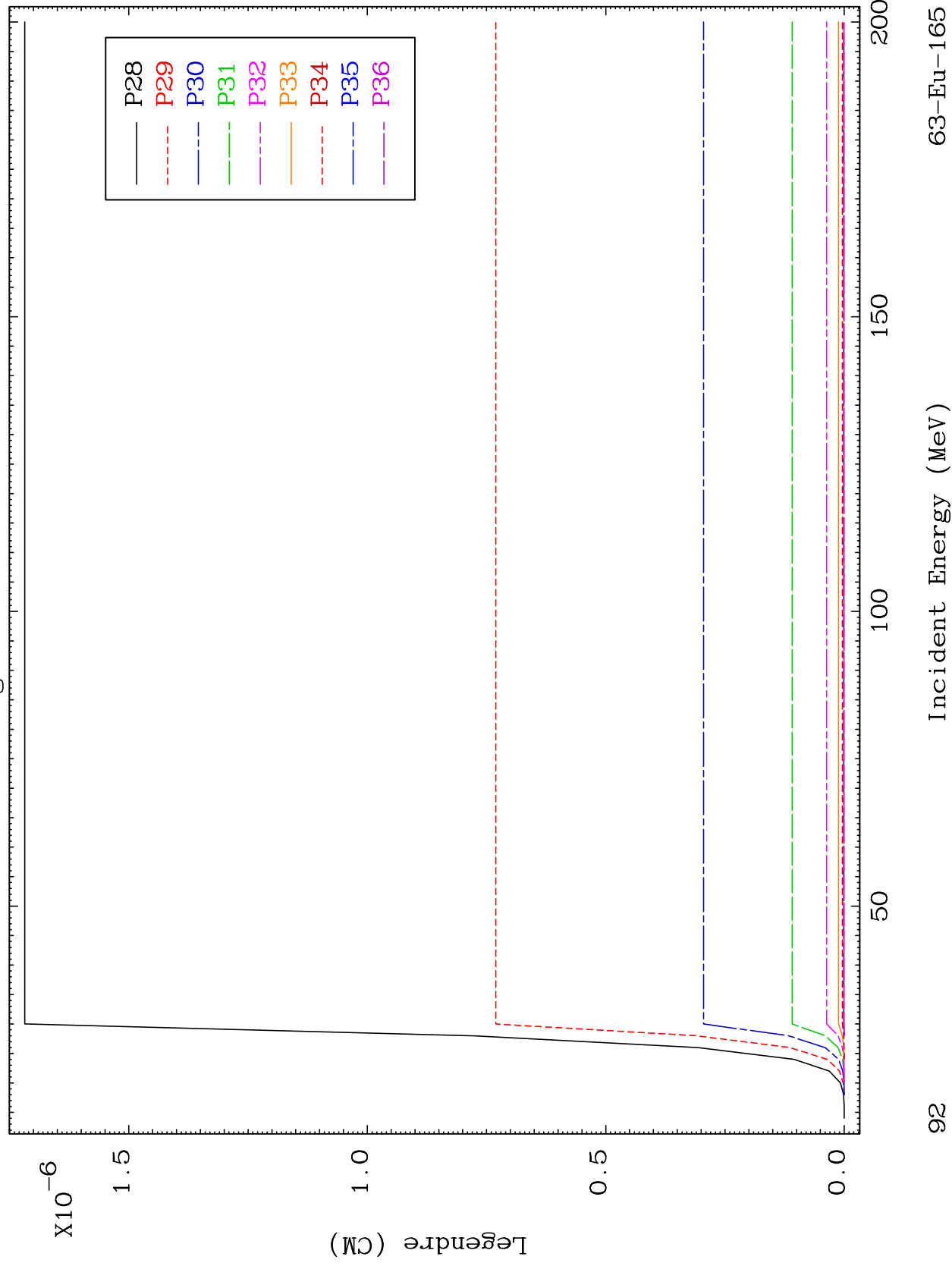
63-Eu-165



MAT 6367

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

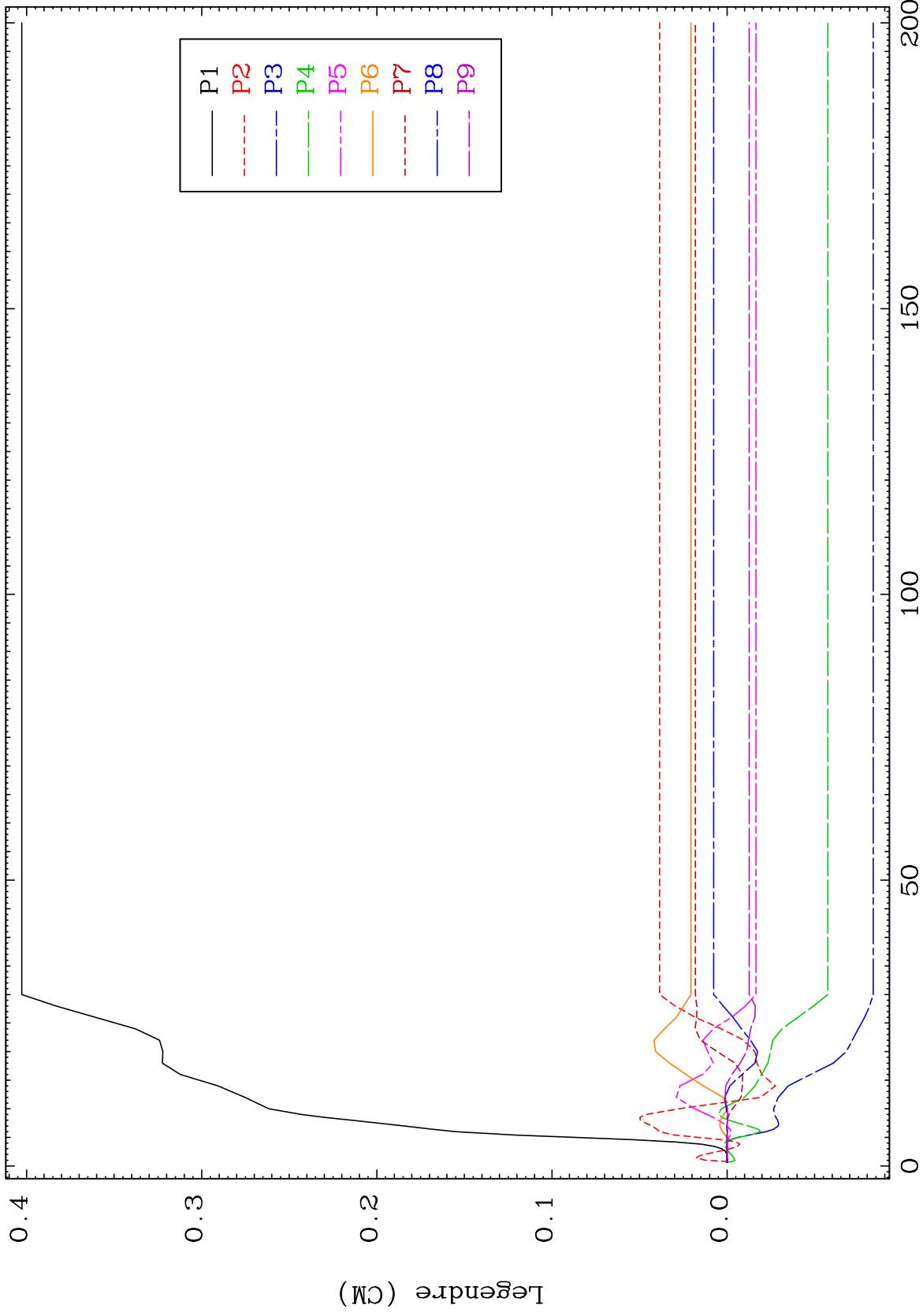
63-Eu-165



MAT 6367

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

63-Eu-165



93

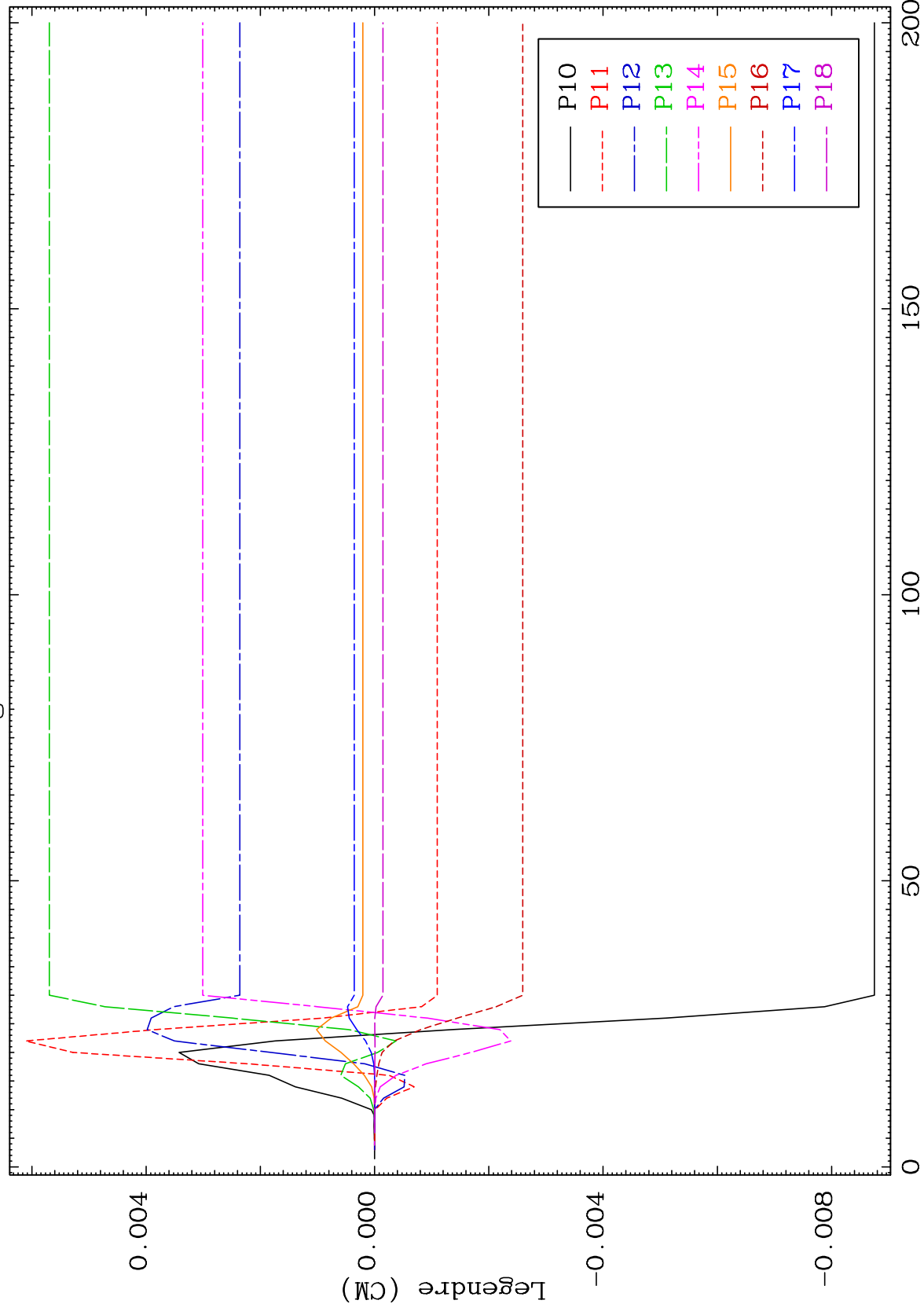
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



94

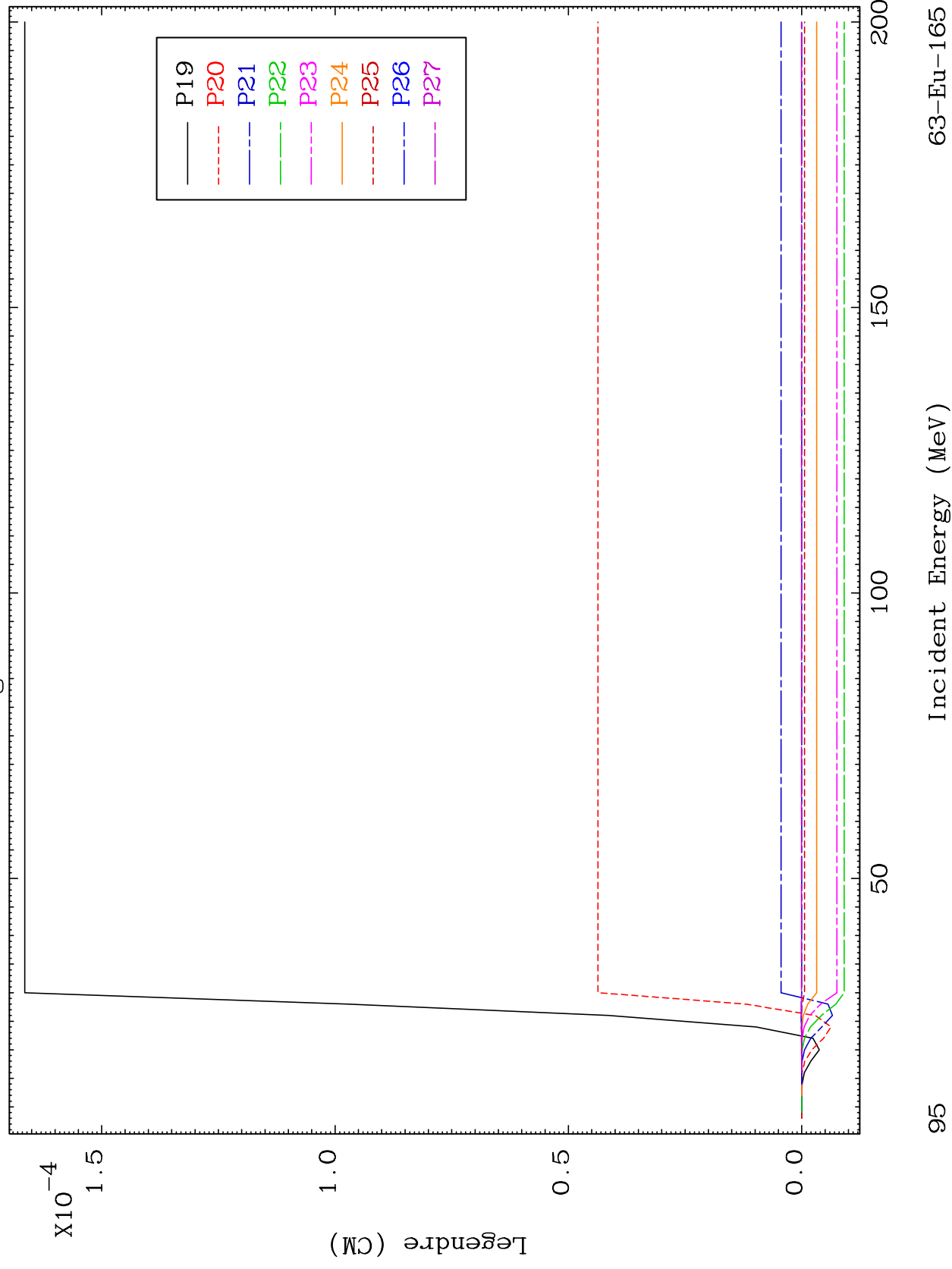
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165

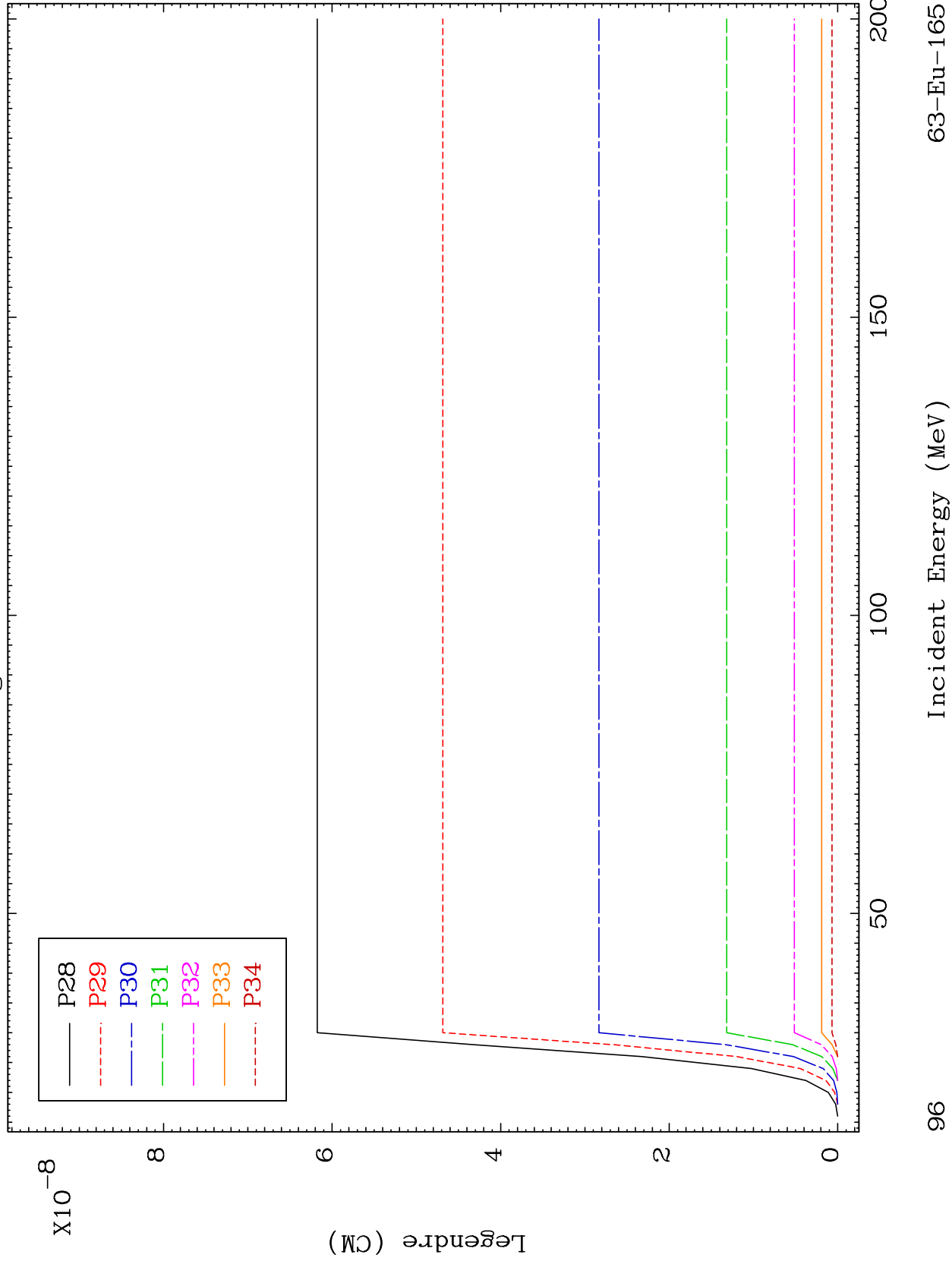




MAT 6367

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

63-Eu-165



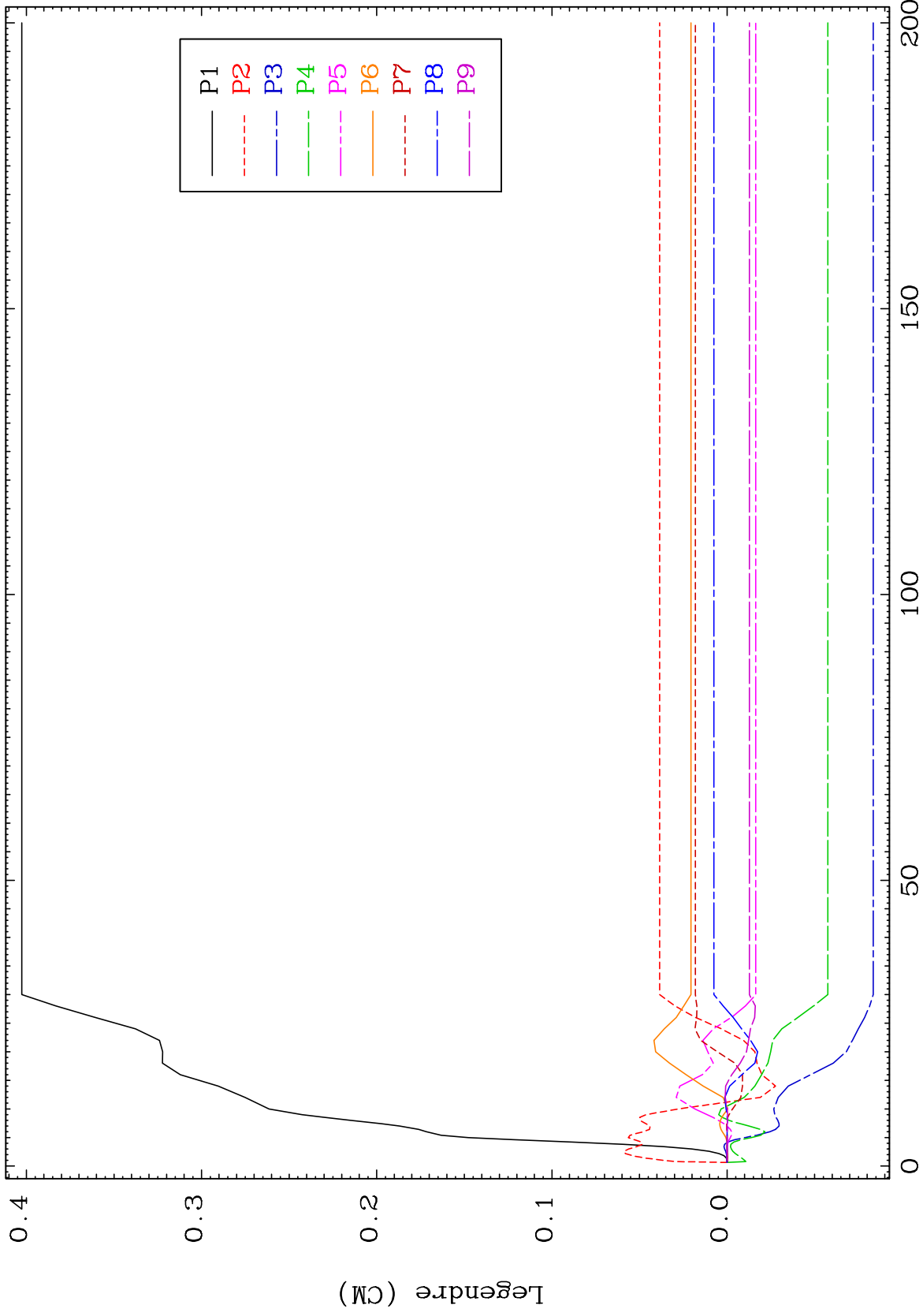
96

63-Eu-165

MAT 6367

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

63-Eu-165



97

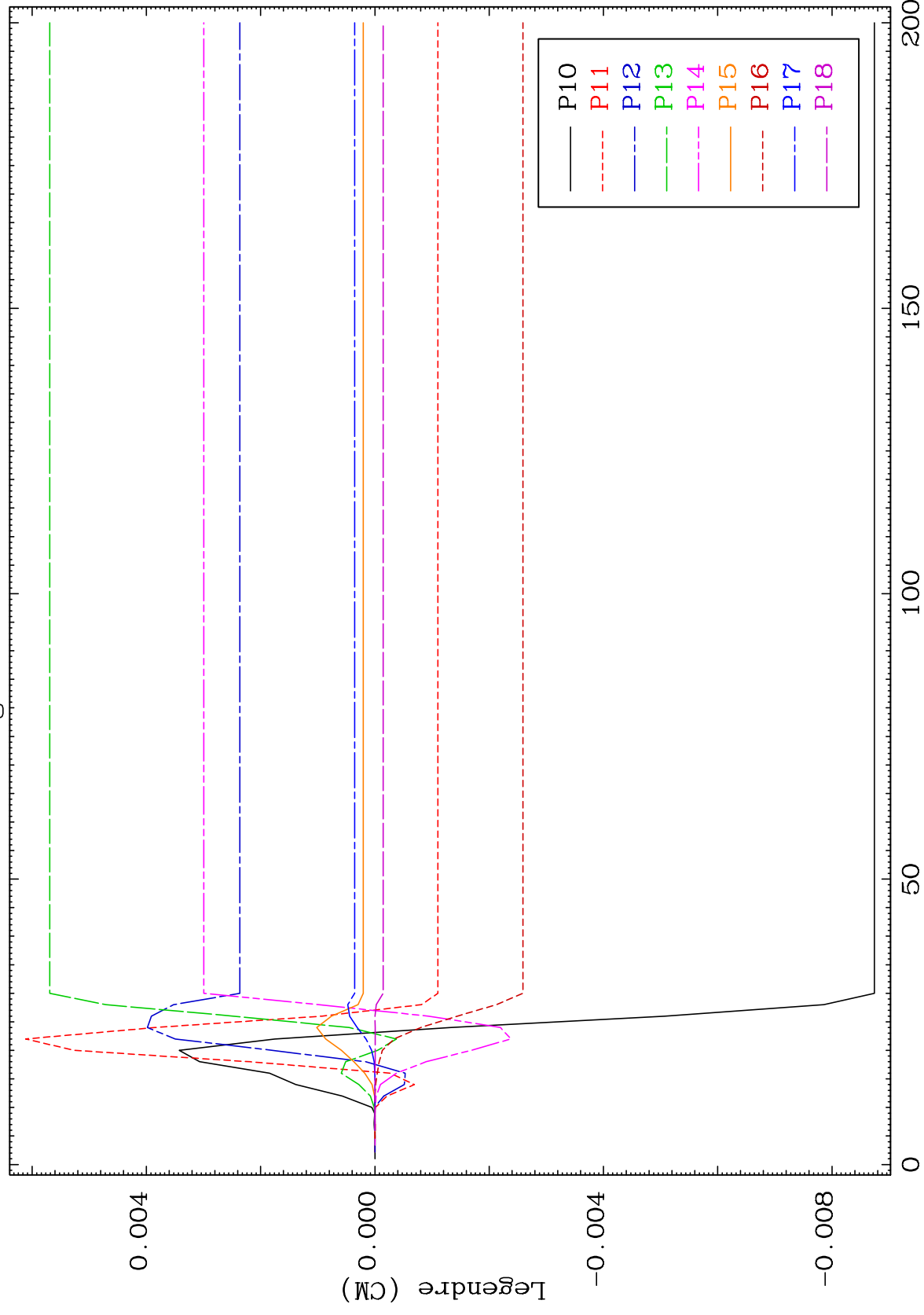
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



98

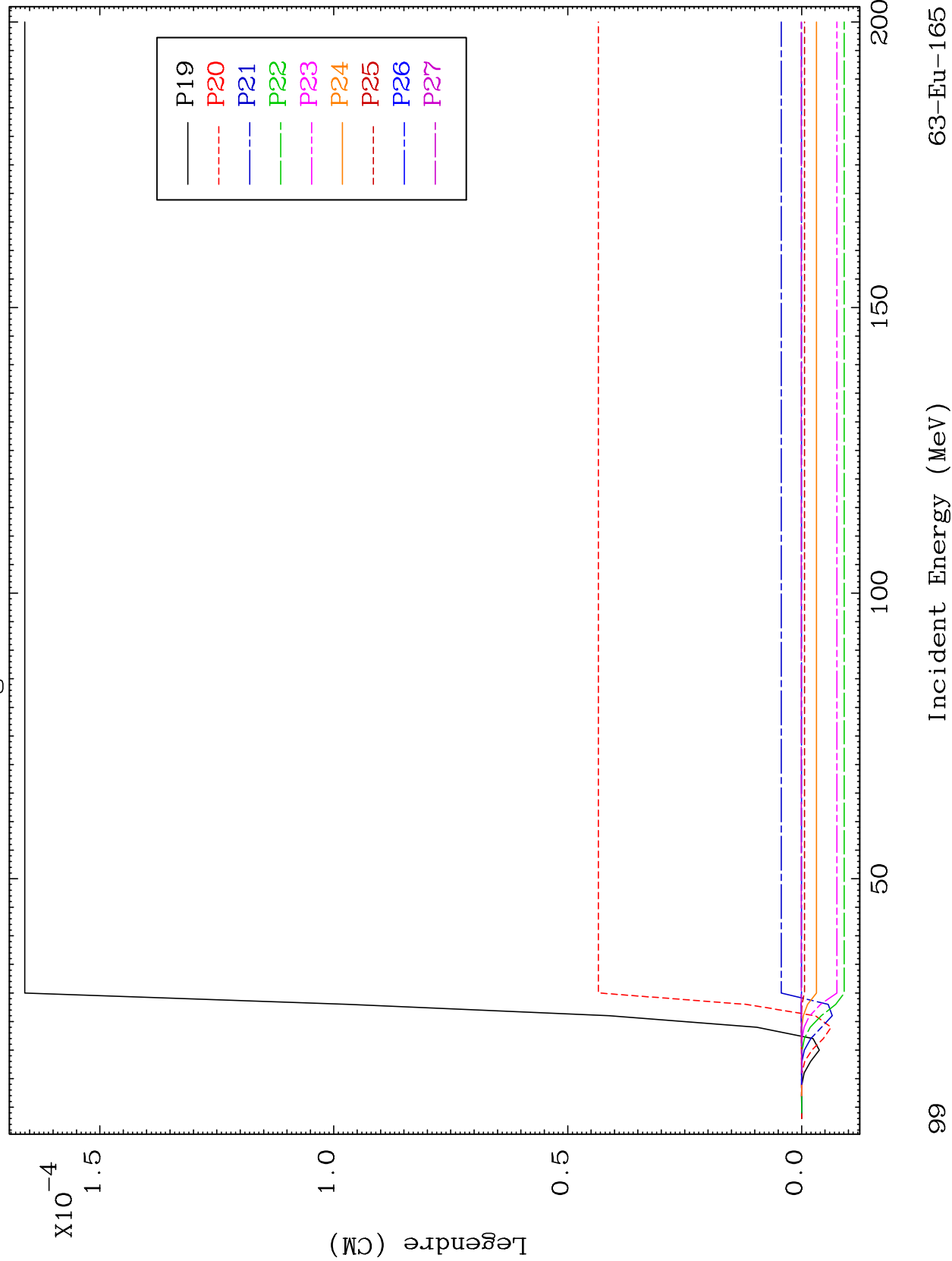
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



99

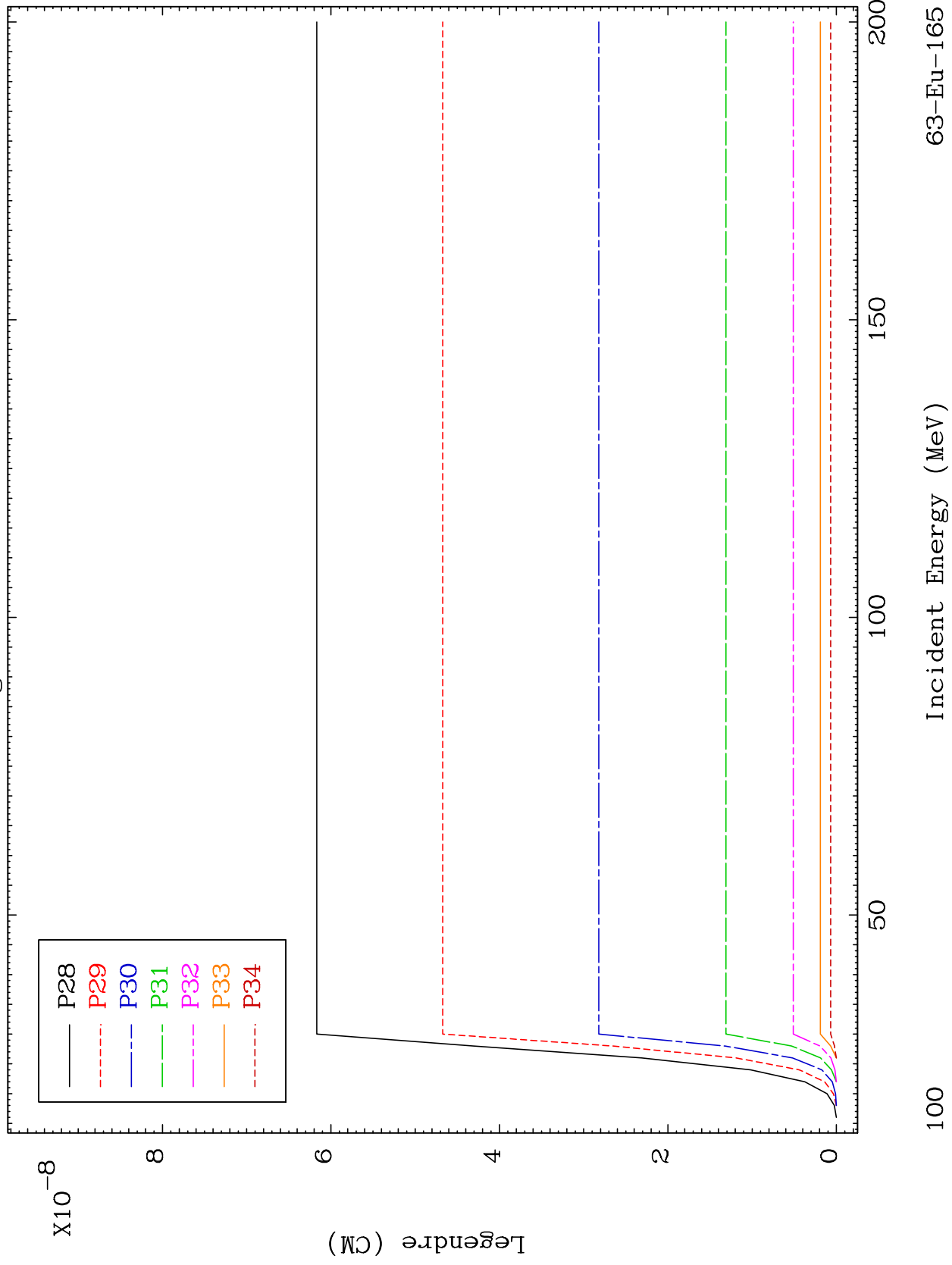
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

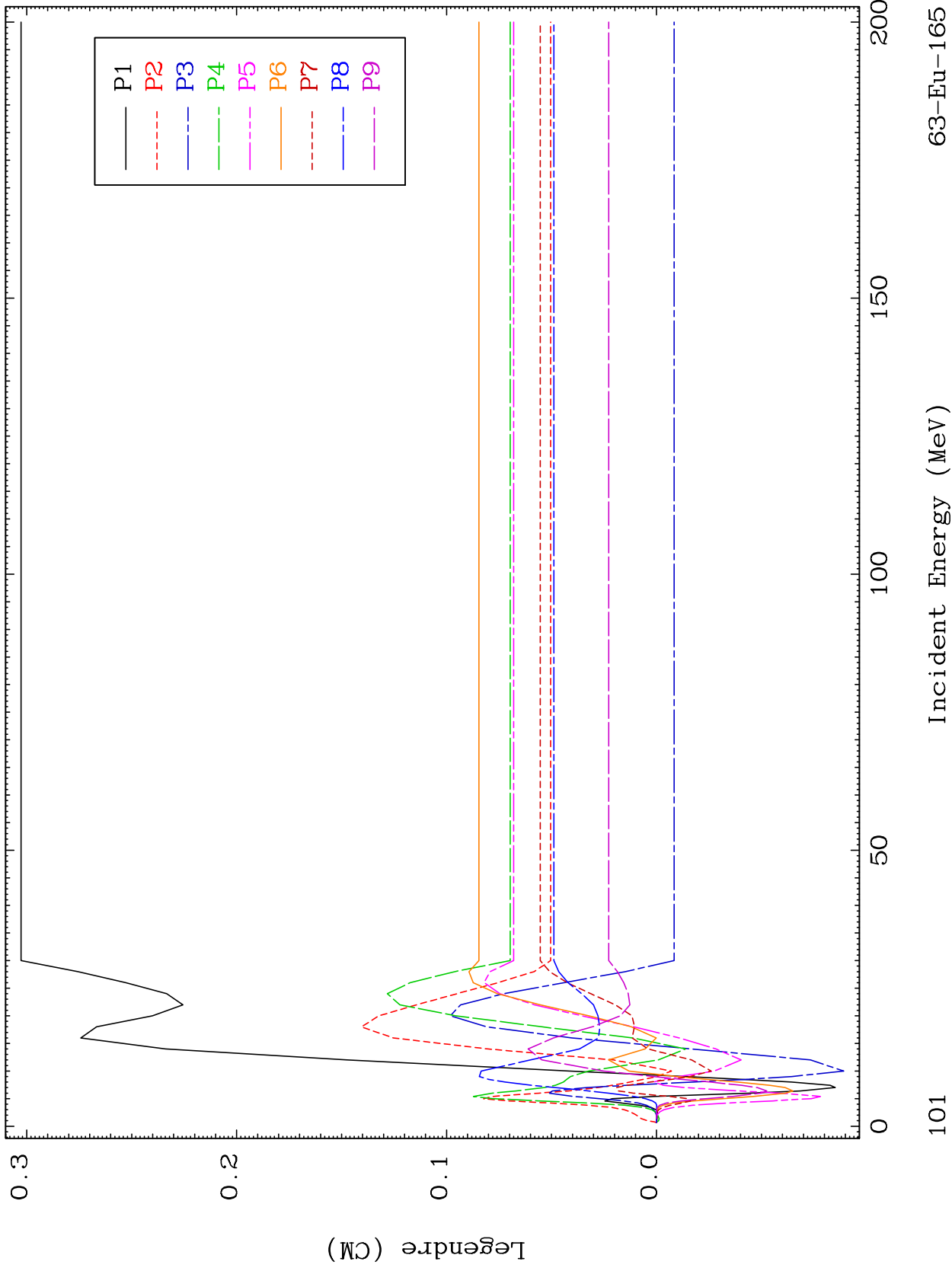
63-Eu-165



MAT 6367

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

63-Eu-165



63-Eu-165

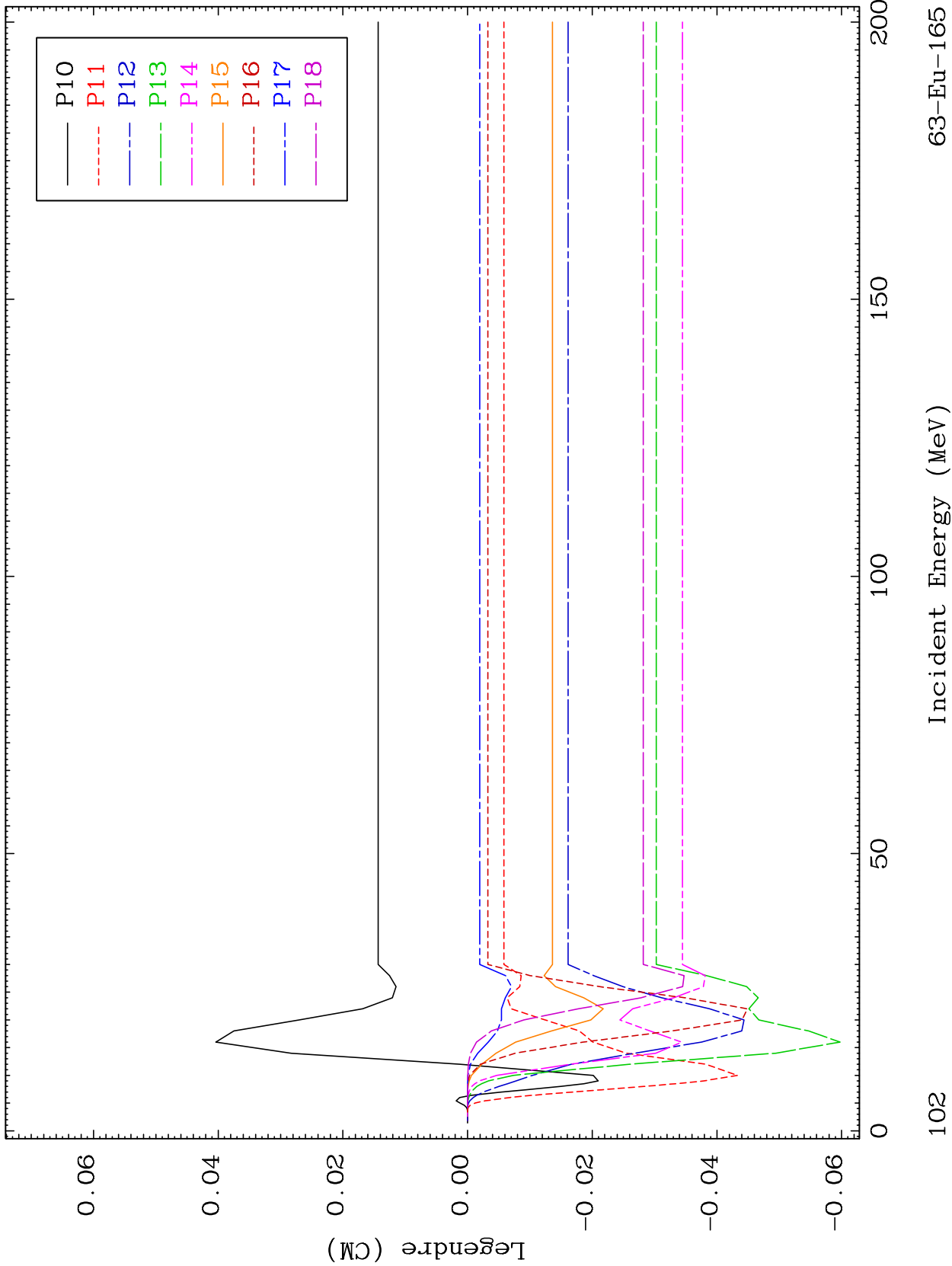
Incident Energy (MeV)

101

MAT 6367

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

63-Eu-165



63-Eu-165

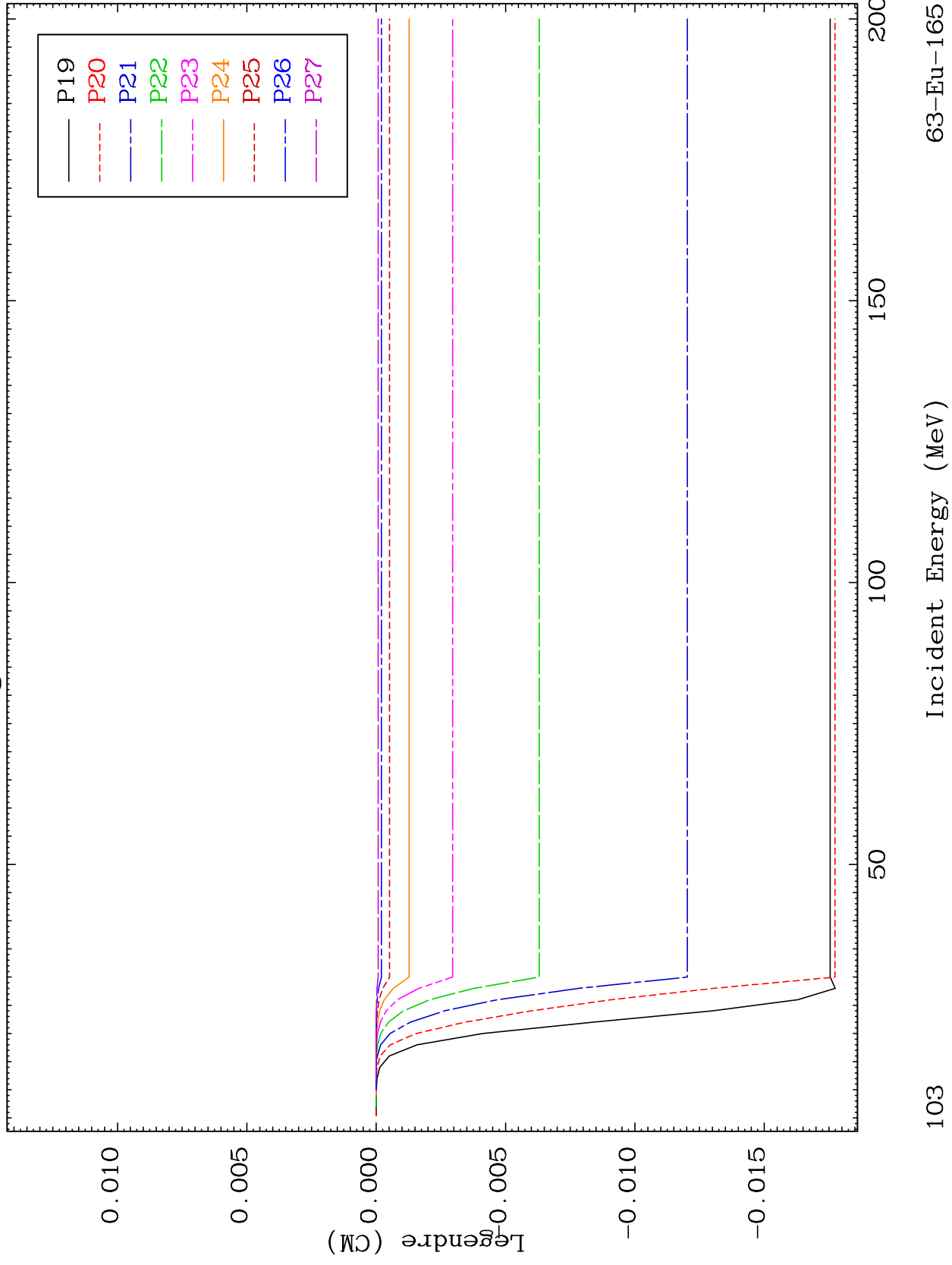
Incident Energy (MeV)

102

MAT 6367

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

63-Eu-165

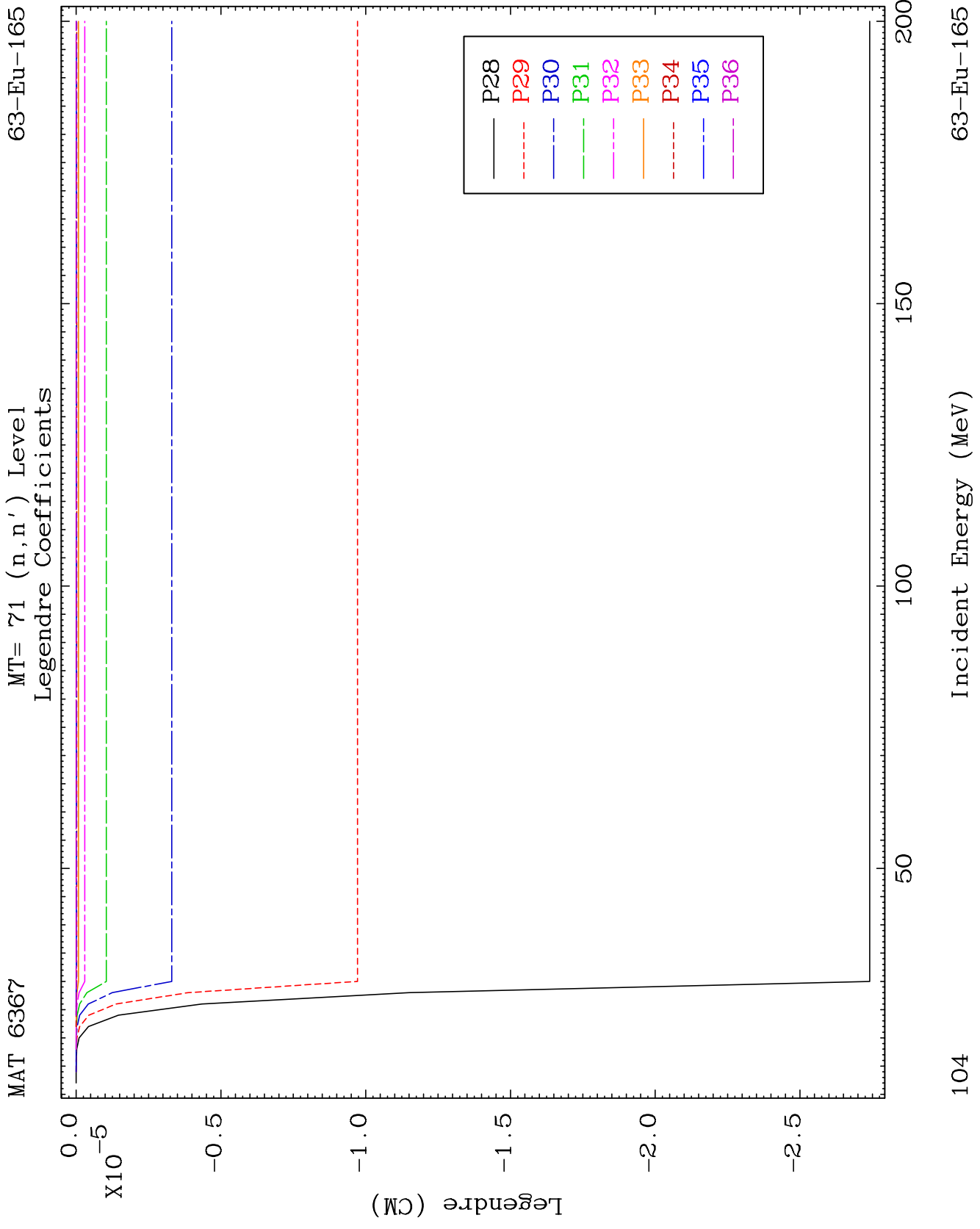


103

Incident Energy (MeV)

63-Eu-165

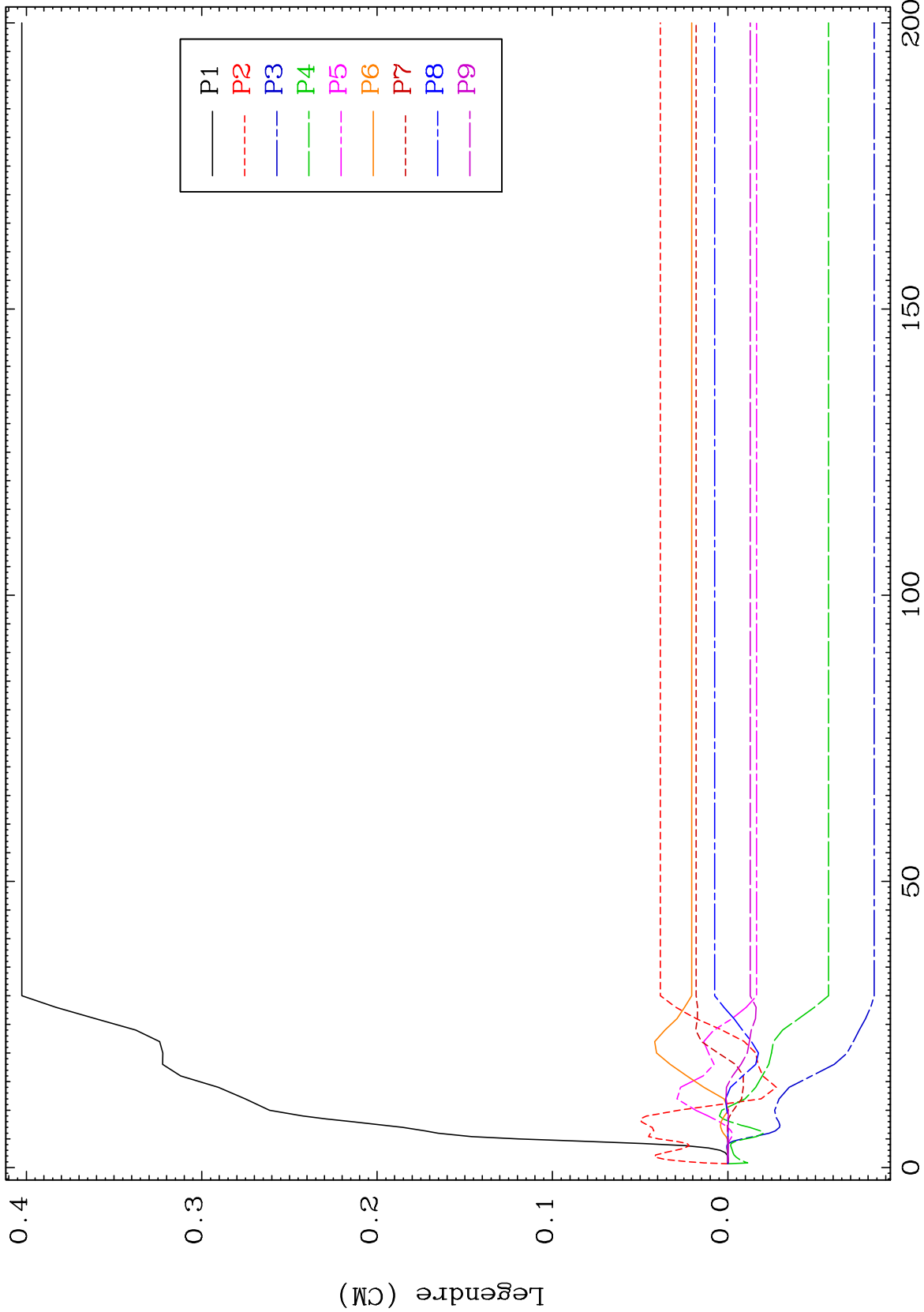




MAT 6367

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

63-Eu-165



63-Eu-165

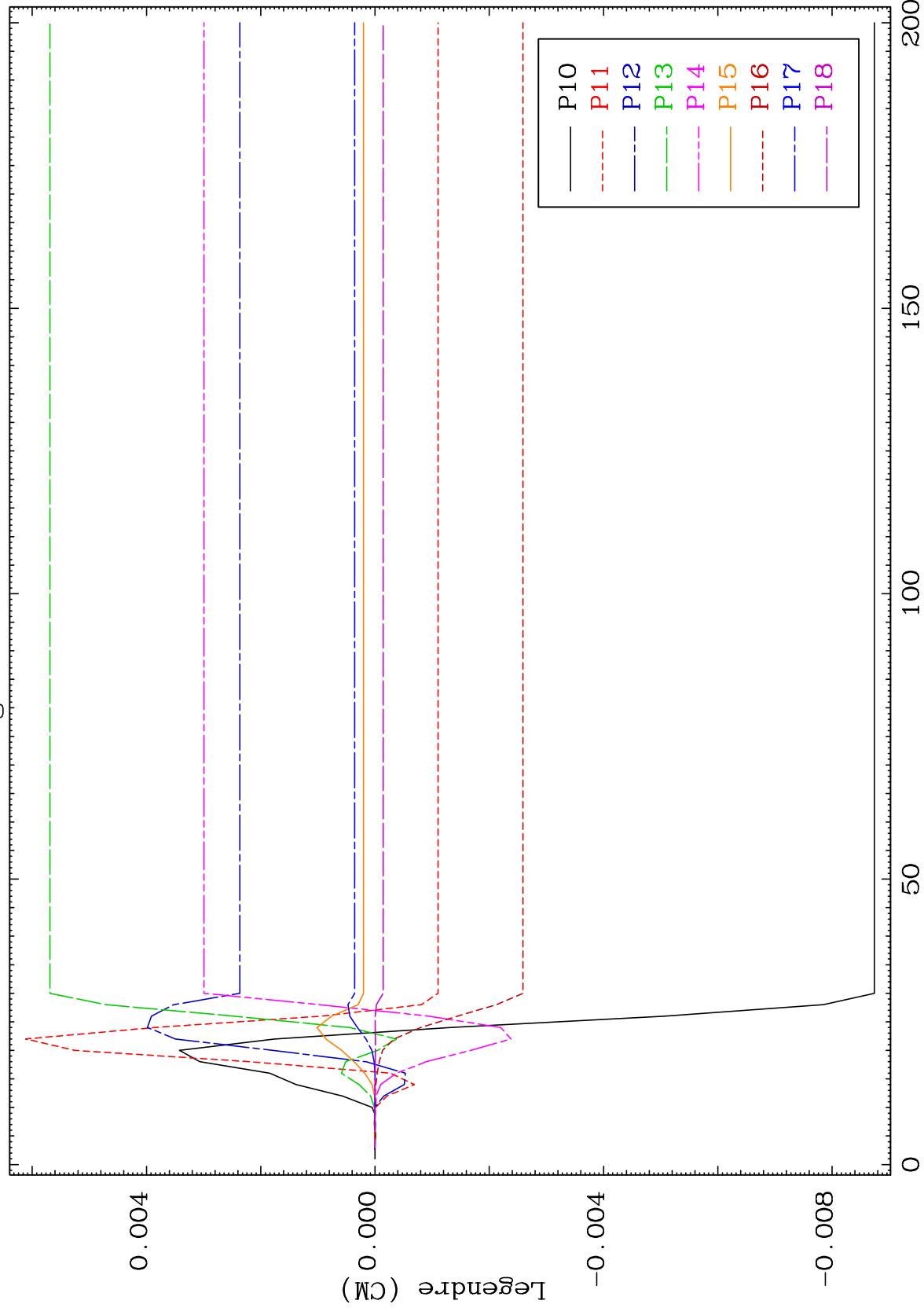
Incident Energy (MeV)

105

MAT 6367

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

63-Eu-165



106

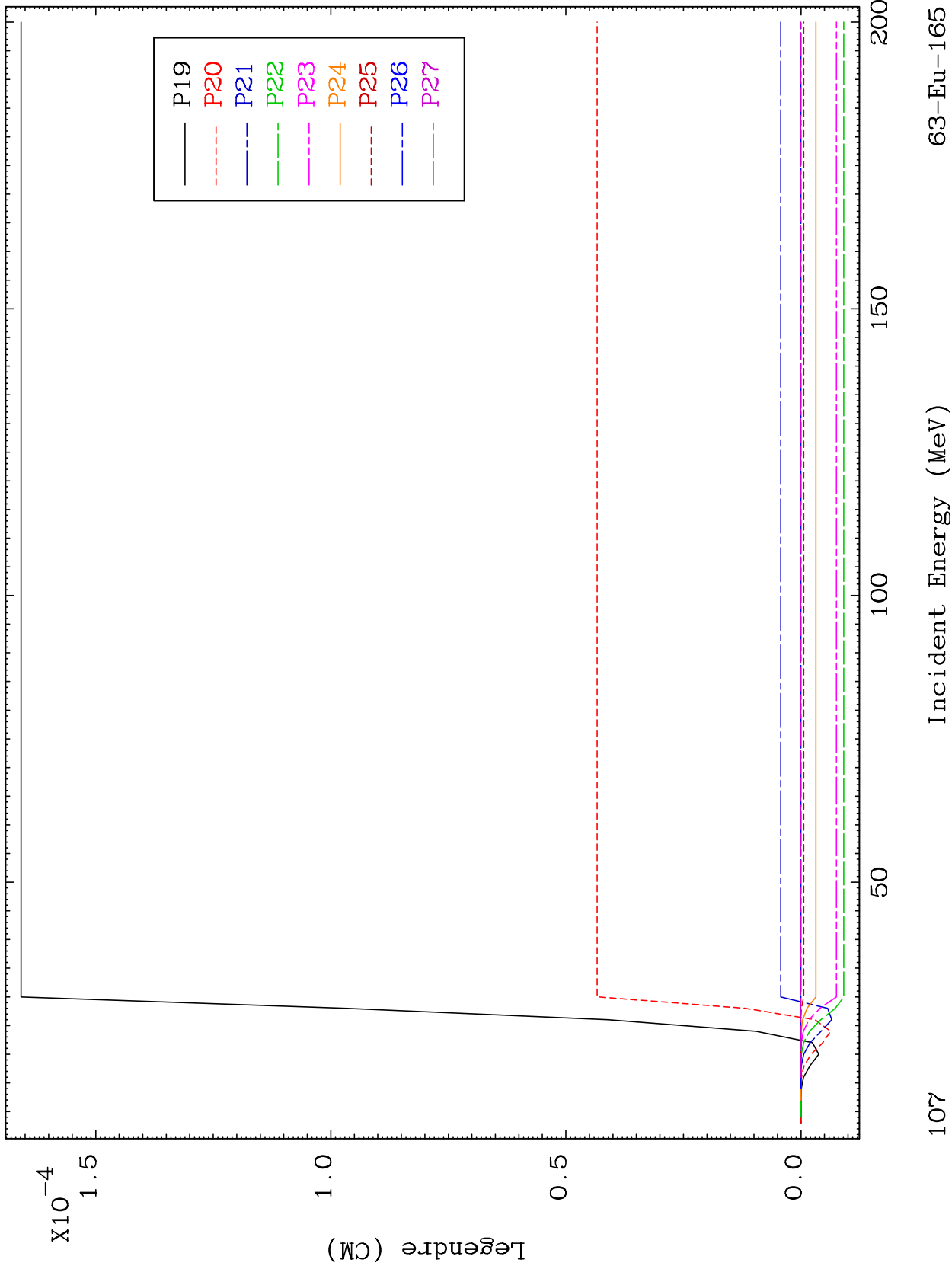
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



107

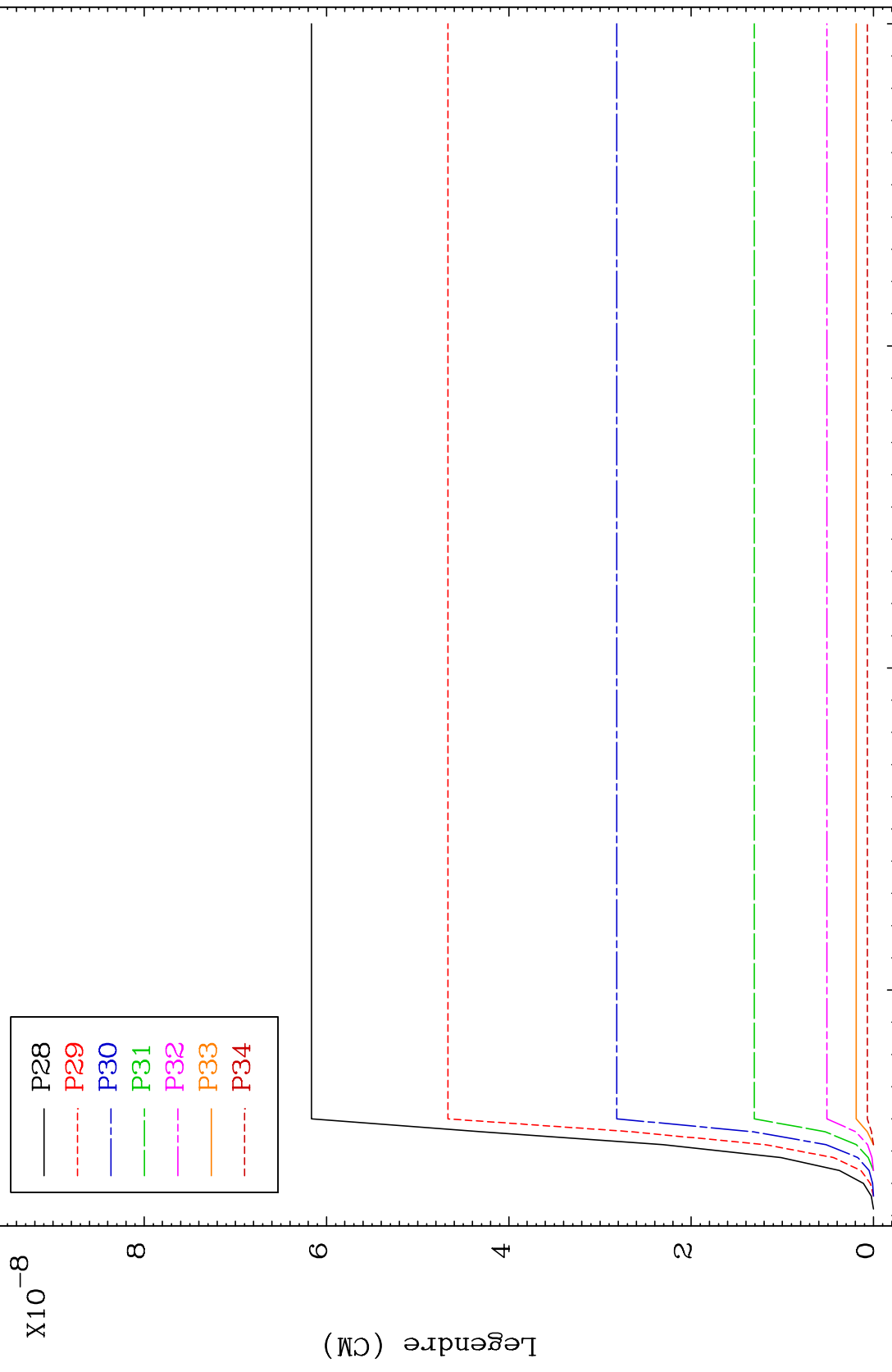
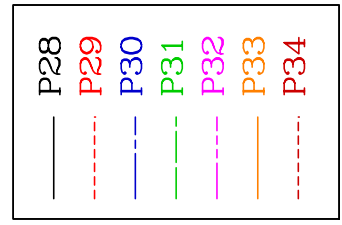
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



108

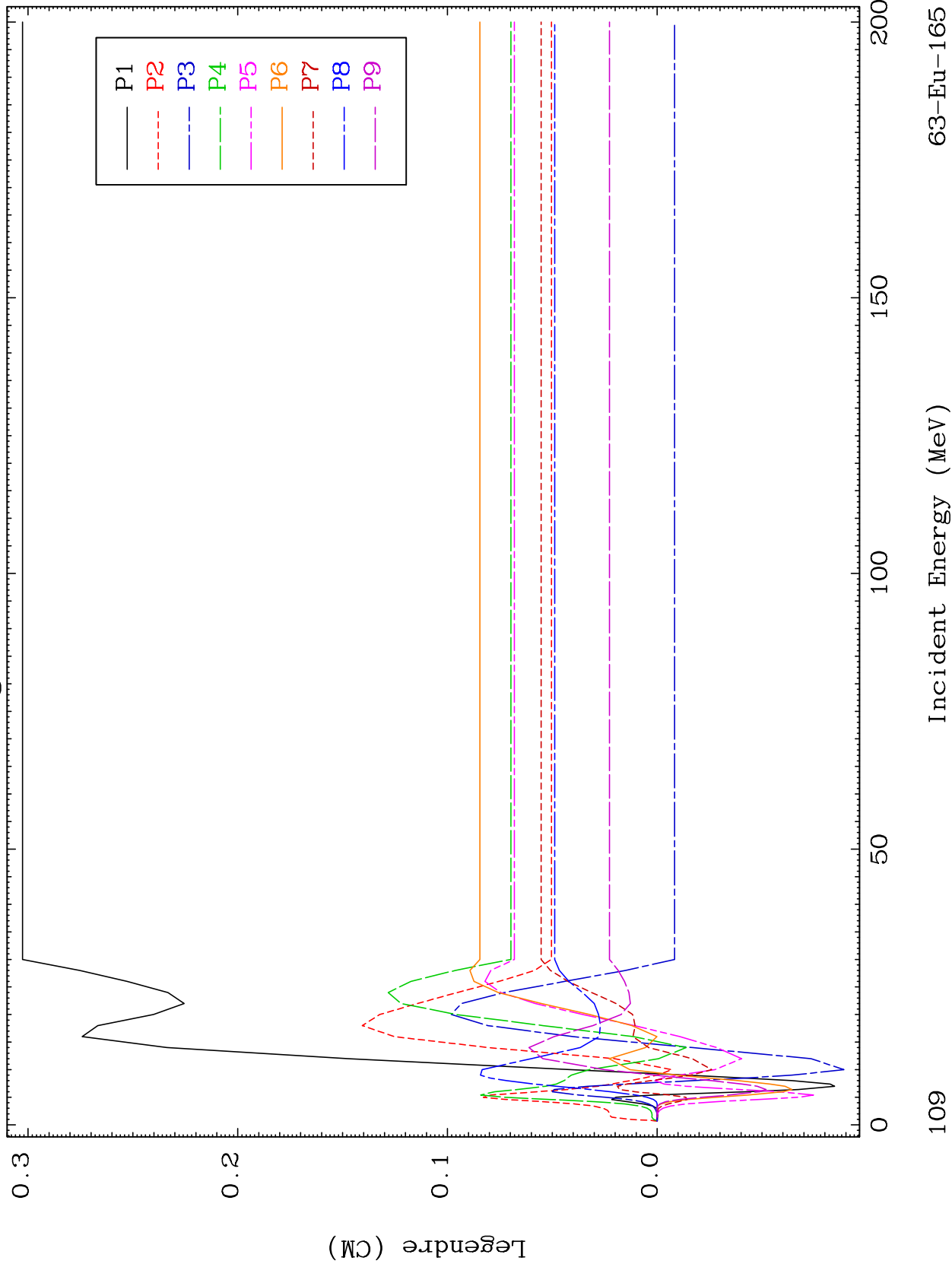
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



63-Eu-165

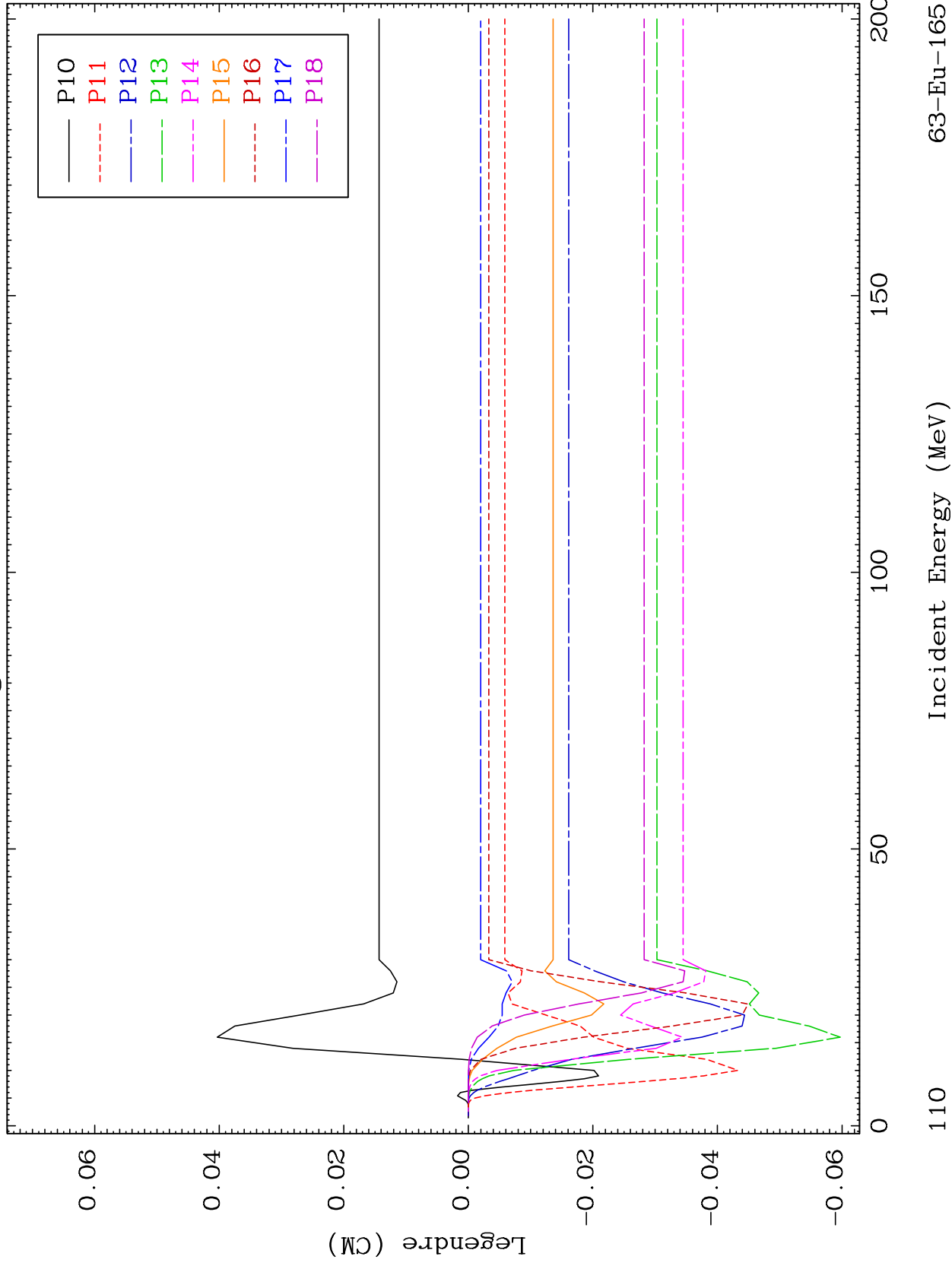
Incident Energy (MeV)

109

MAT 6367

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

63-Eu-165



63-Eu-165

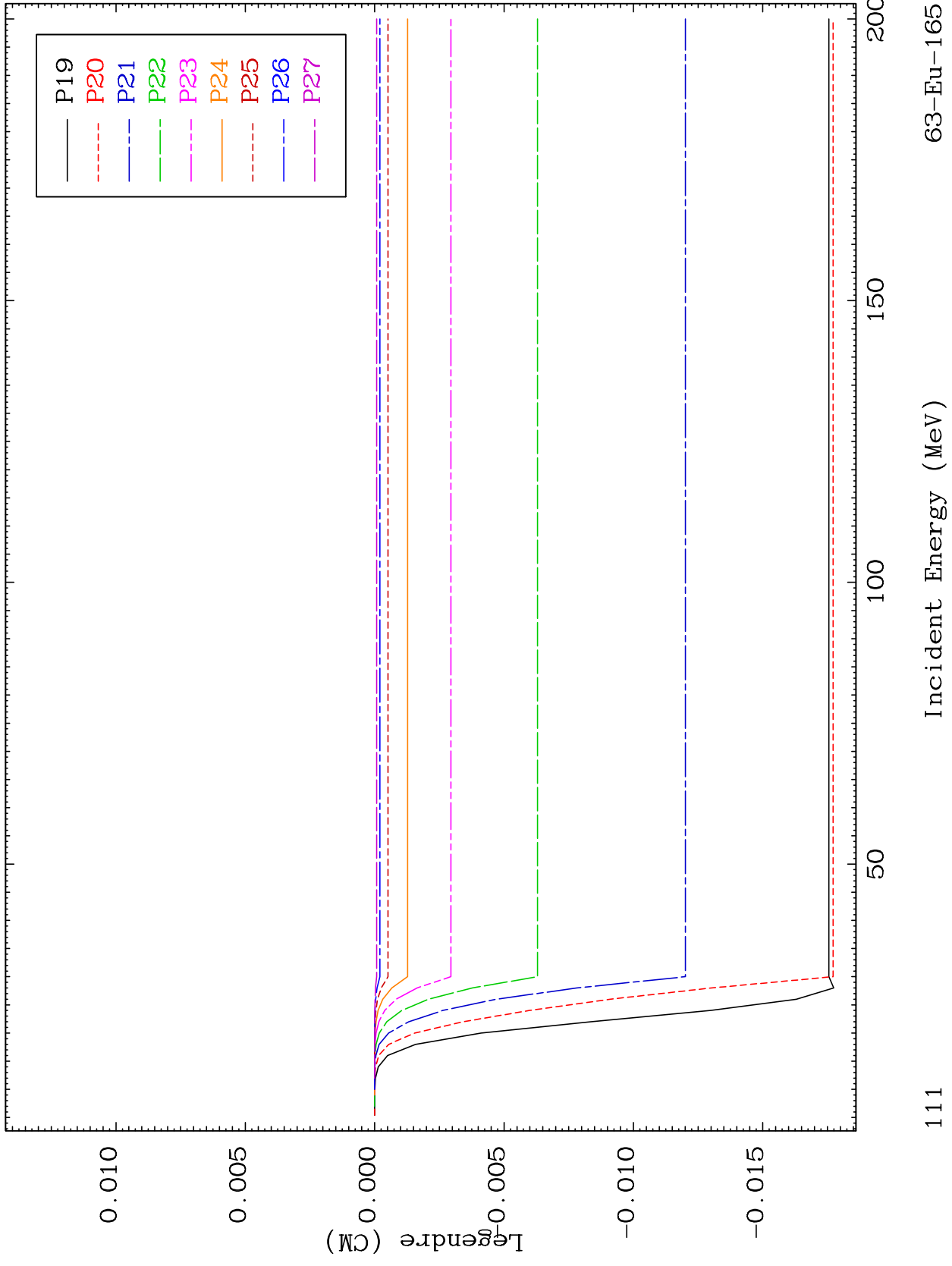
Incident Energy (MeV)

110

MAT 6367

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

63-Eu-165

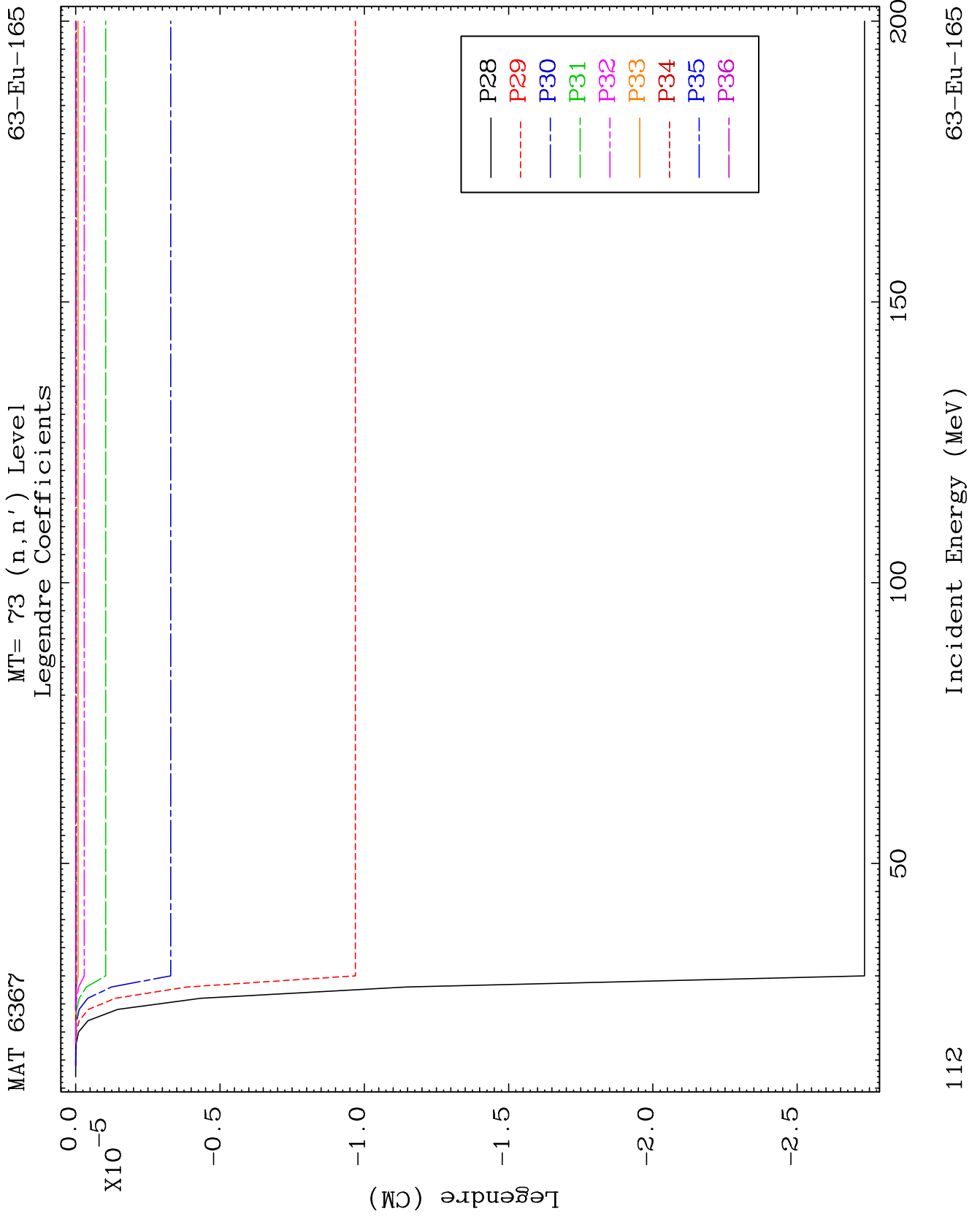


111

Incident Energy (MeV)

63-Eu-165

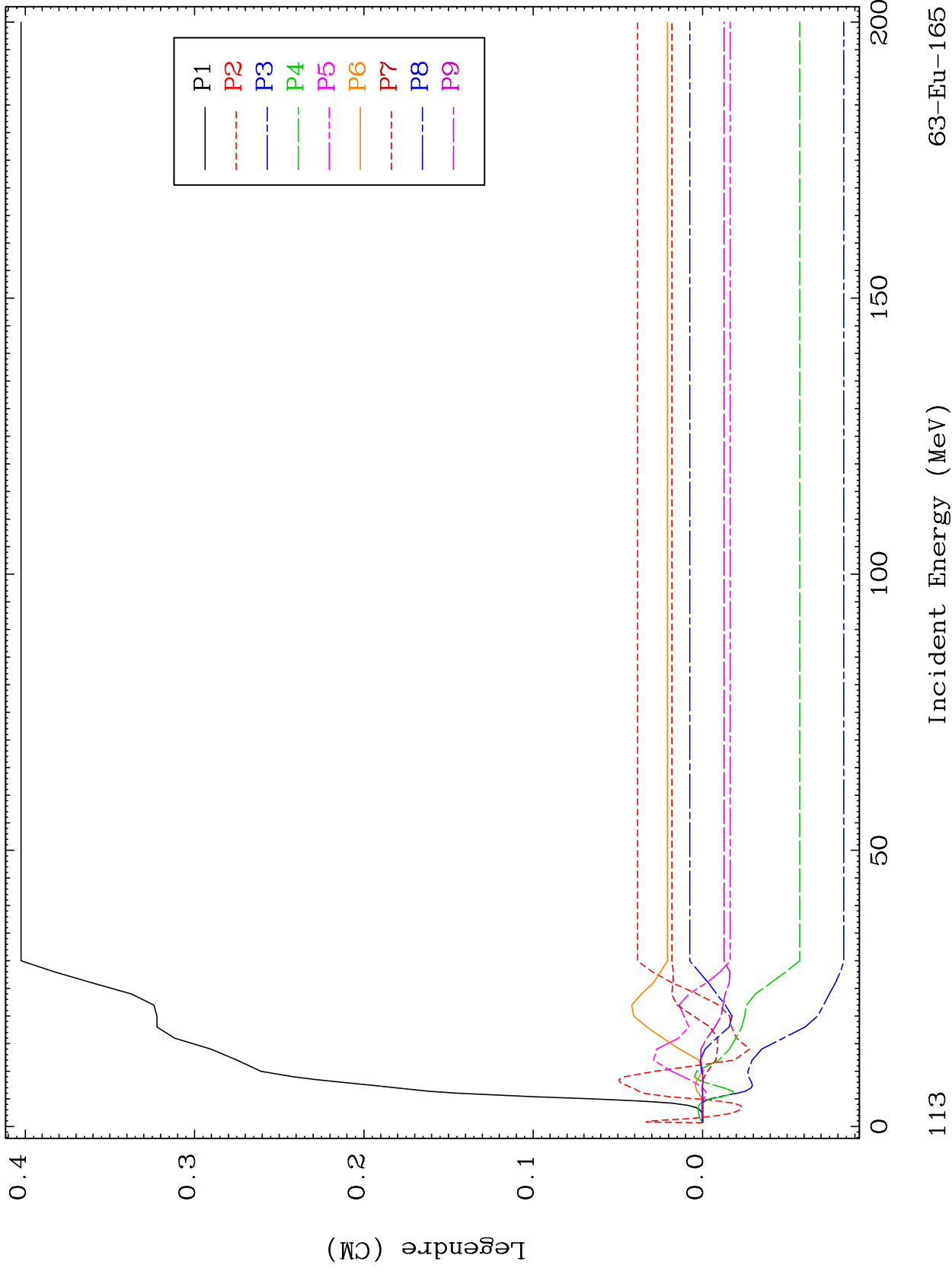




MAT 6367

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

63-Eu-165

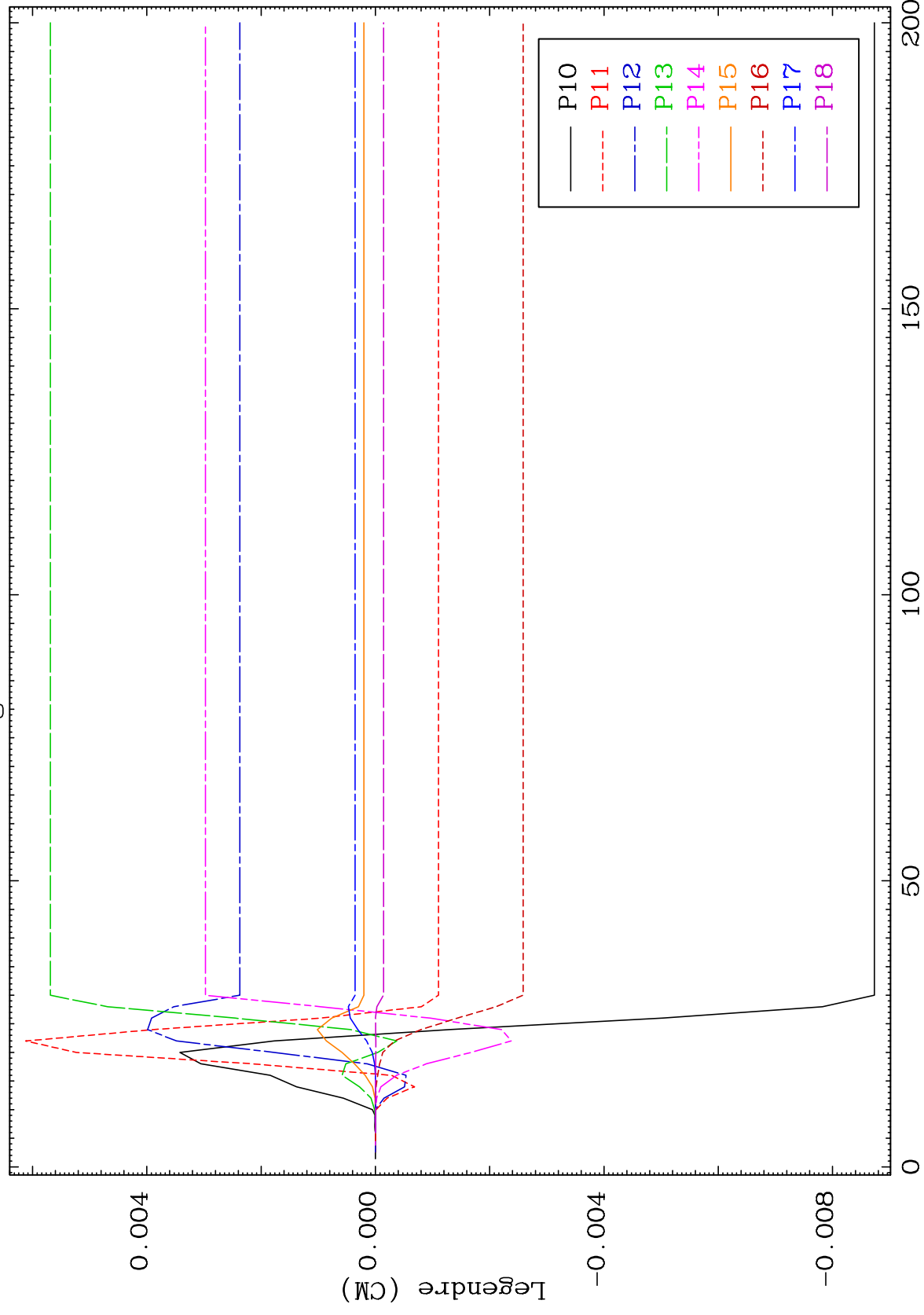


113

MAT 6367

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

63-Eu-165



114

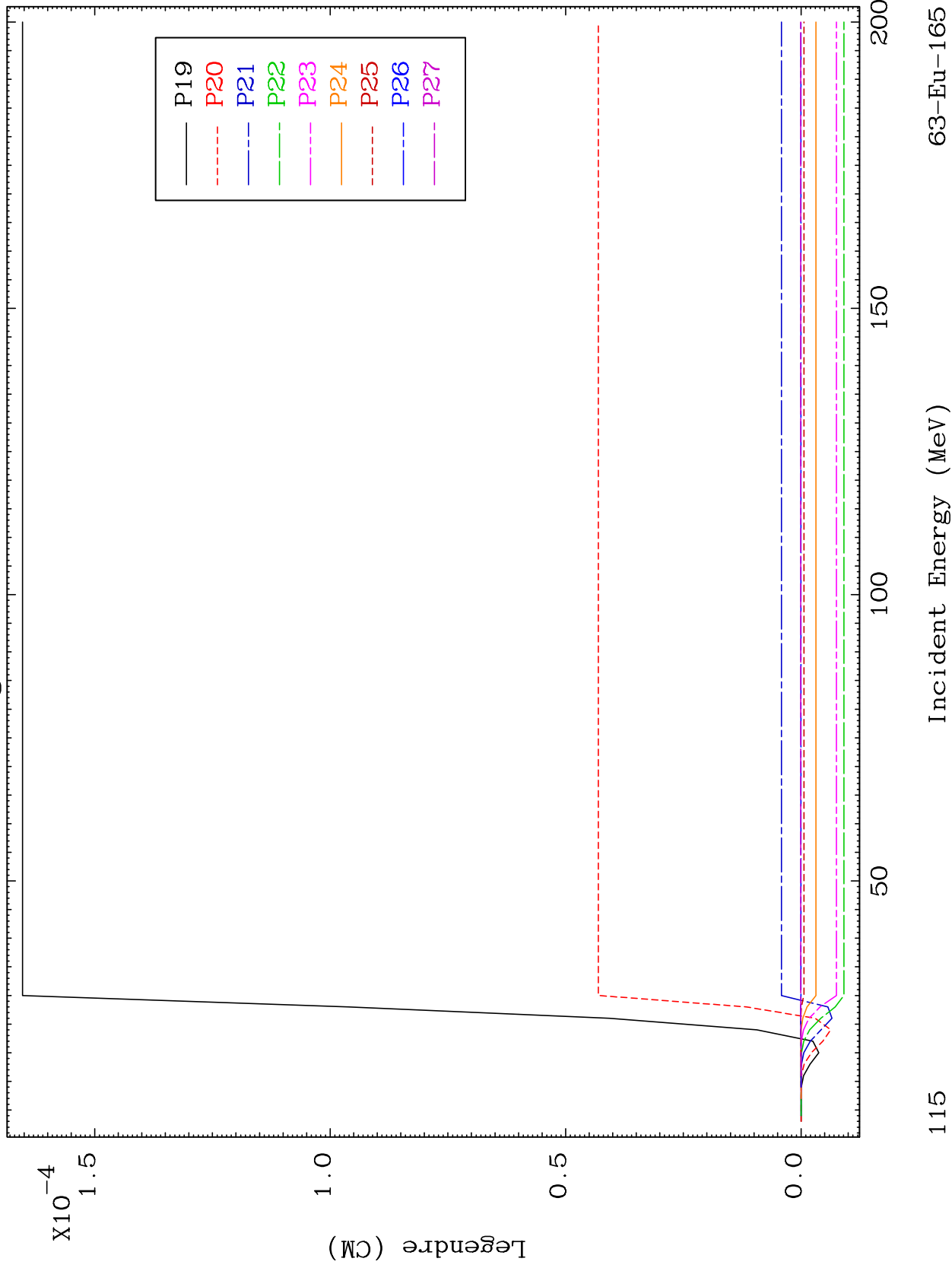
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



115

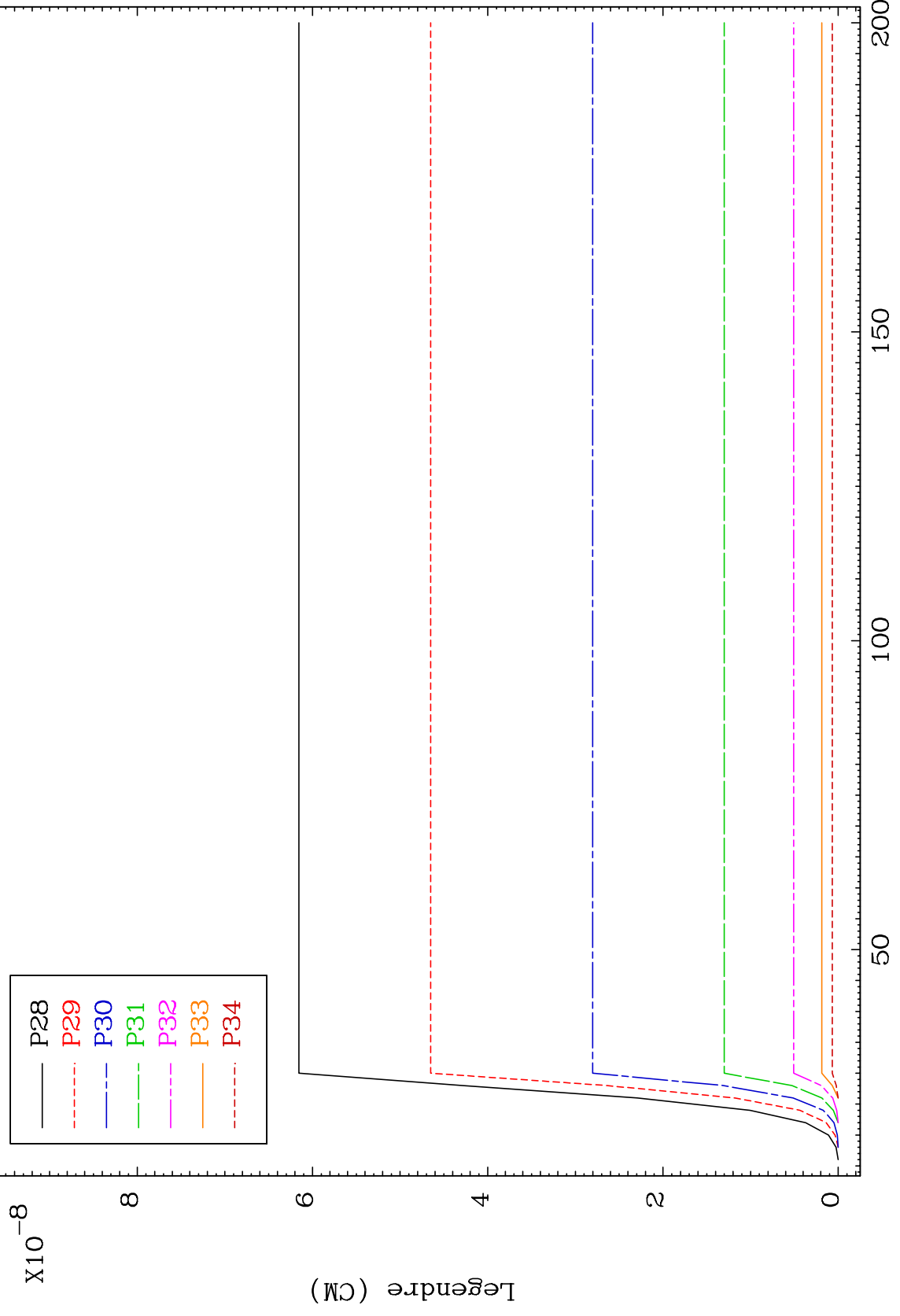
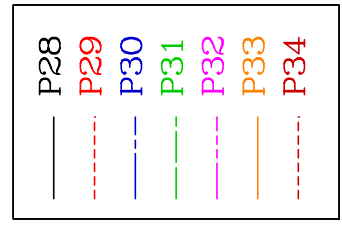
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



116

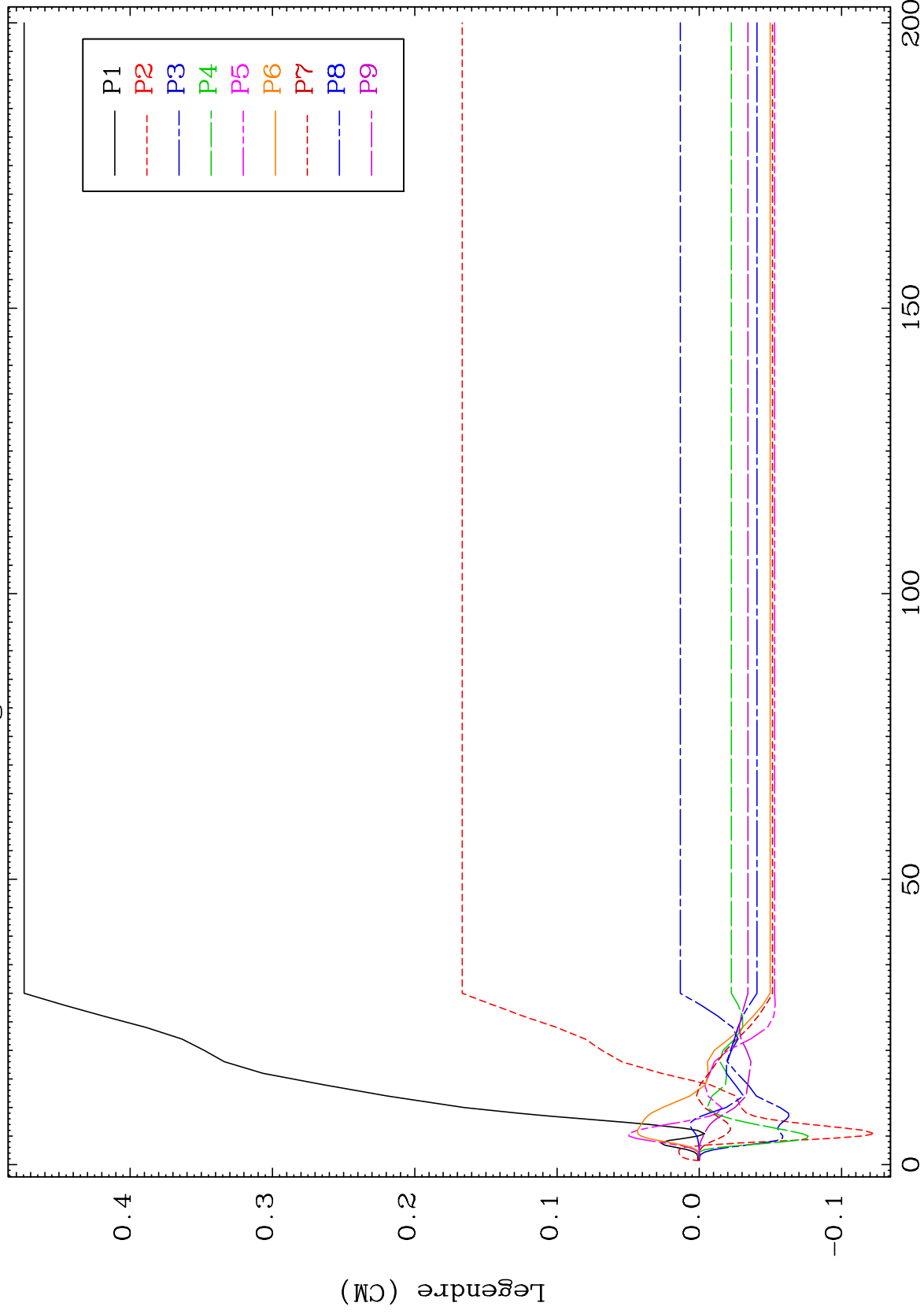
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



117

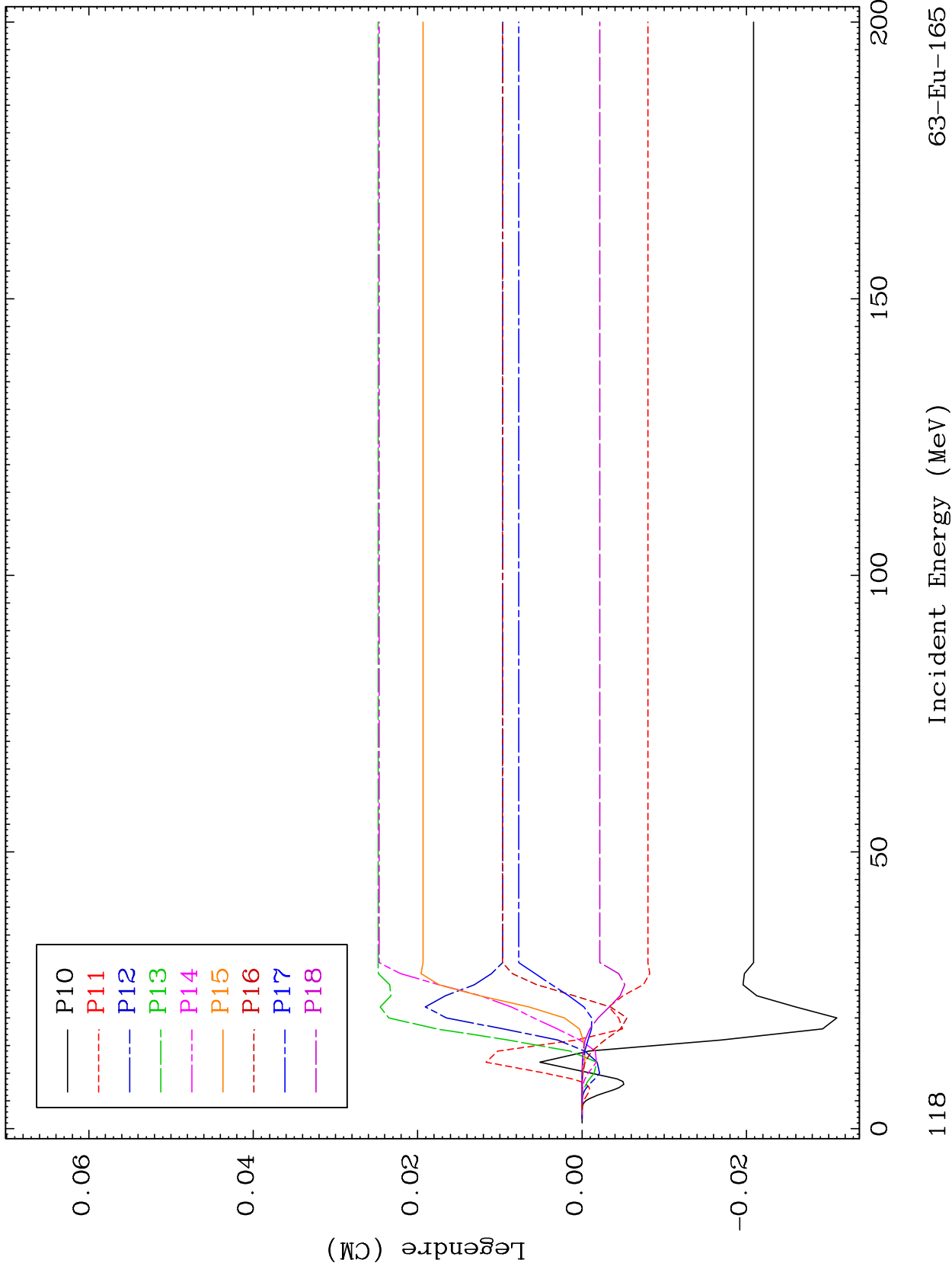
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

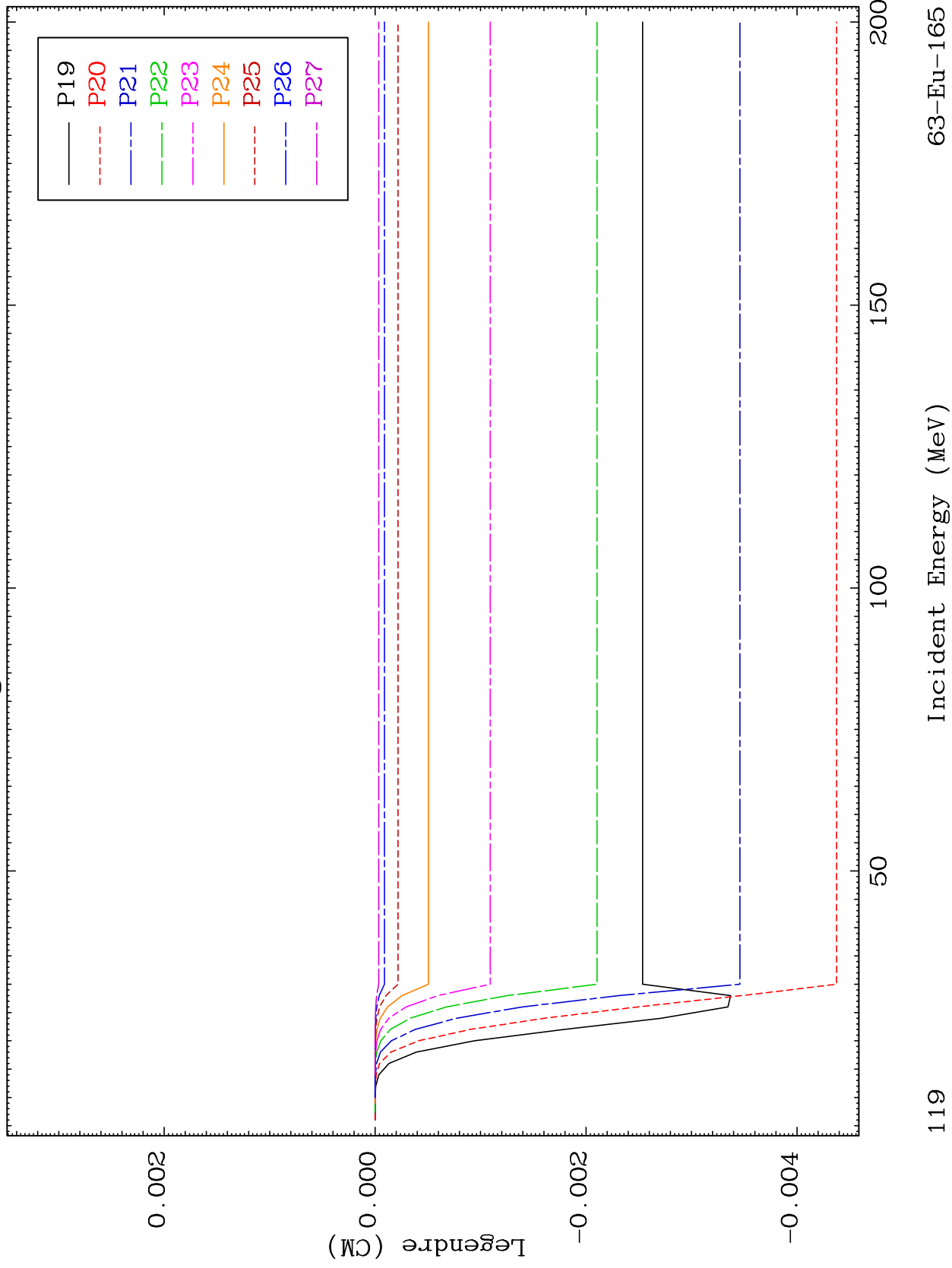
63-Eu-165



MAT 6367

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

63-Eu-165

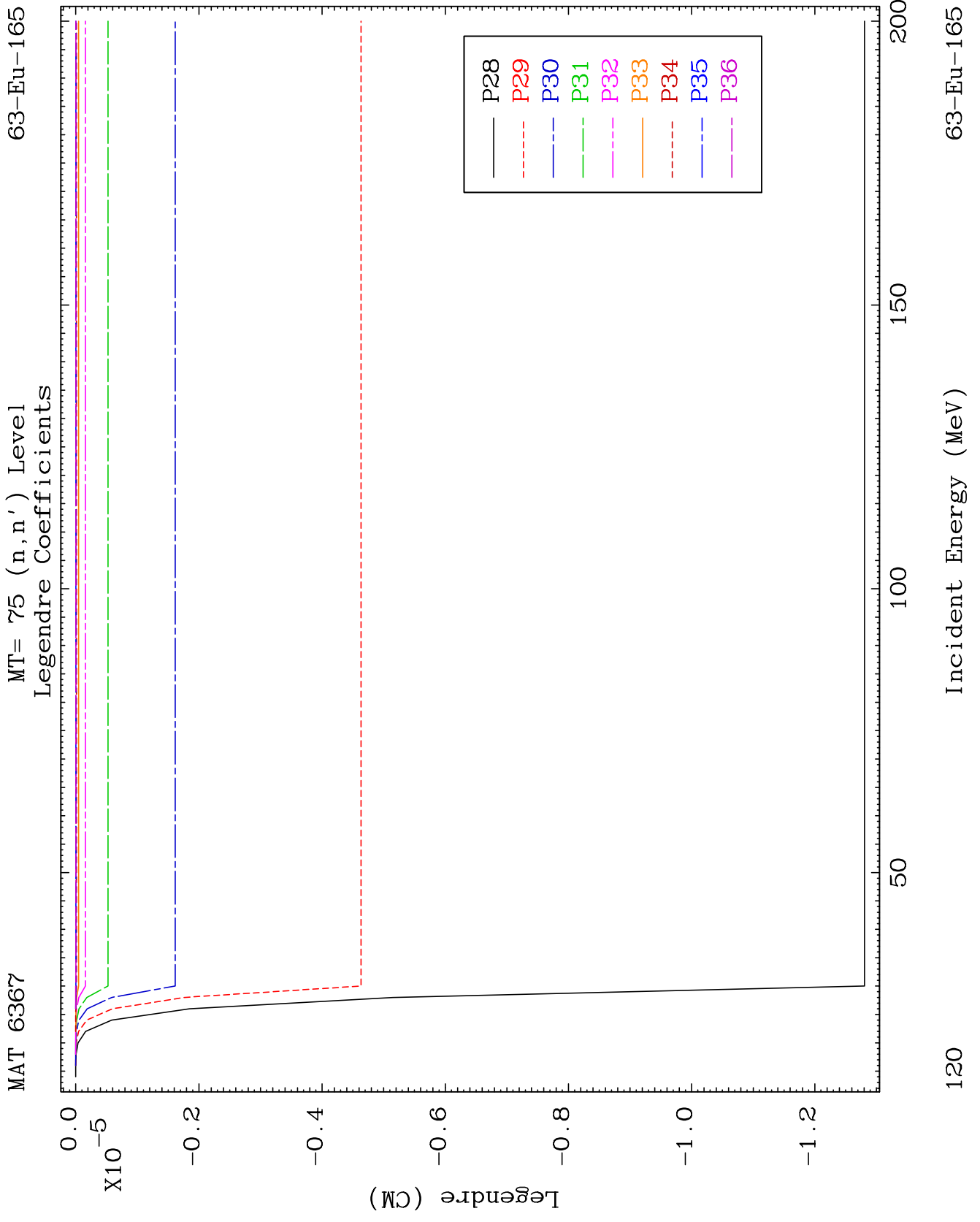


119

Incident Energy (MeV)

63-Eu-165

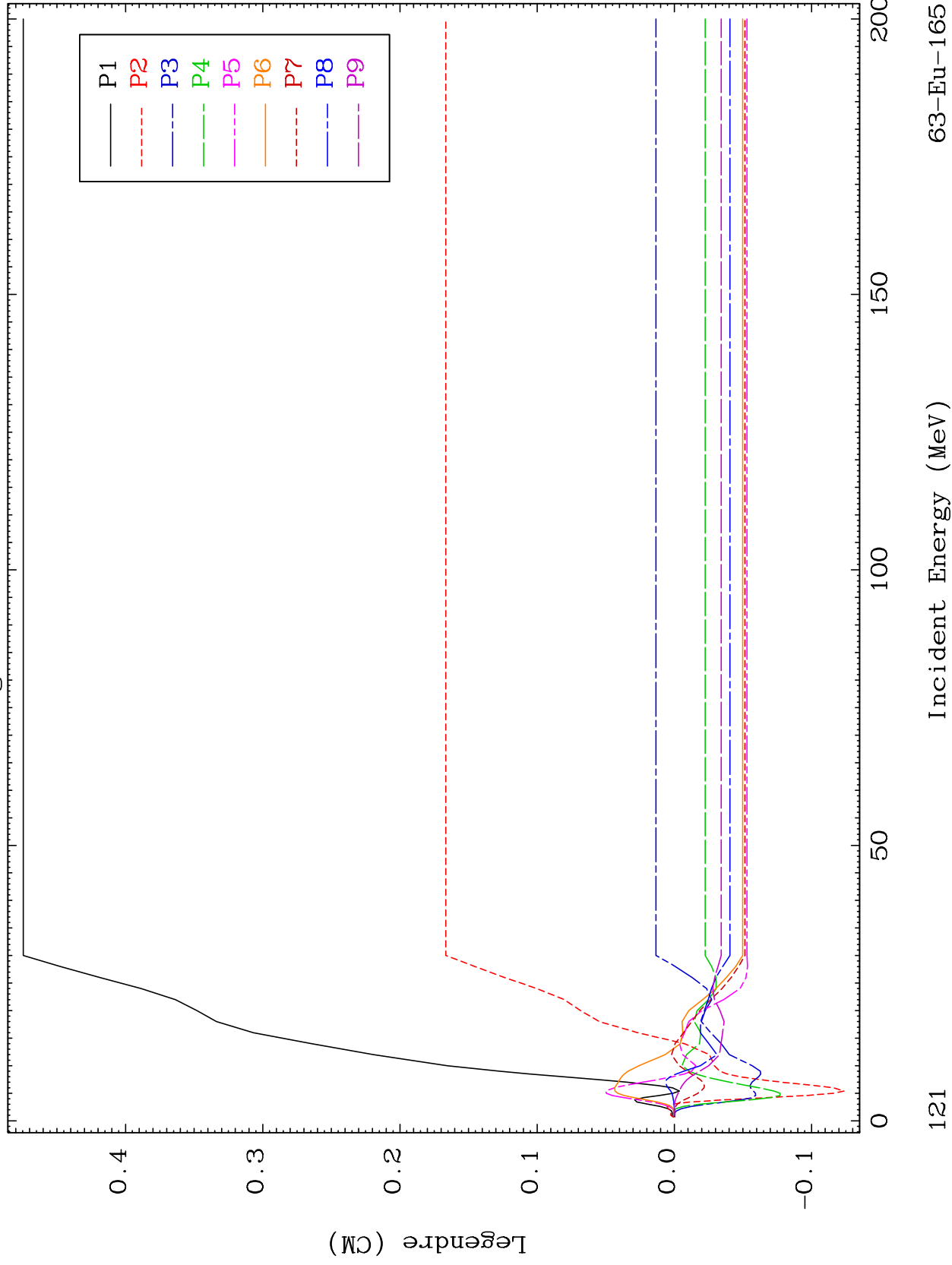




MAT 6367

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

63-Eu-165



63-Eu-165

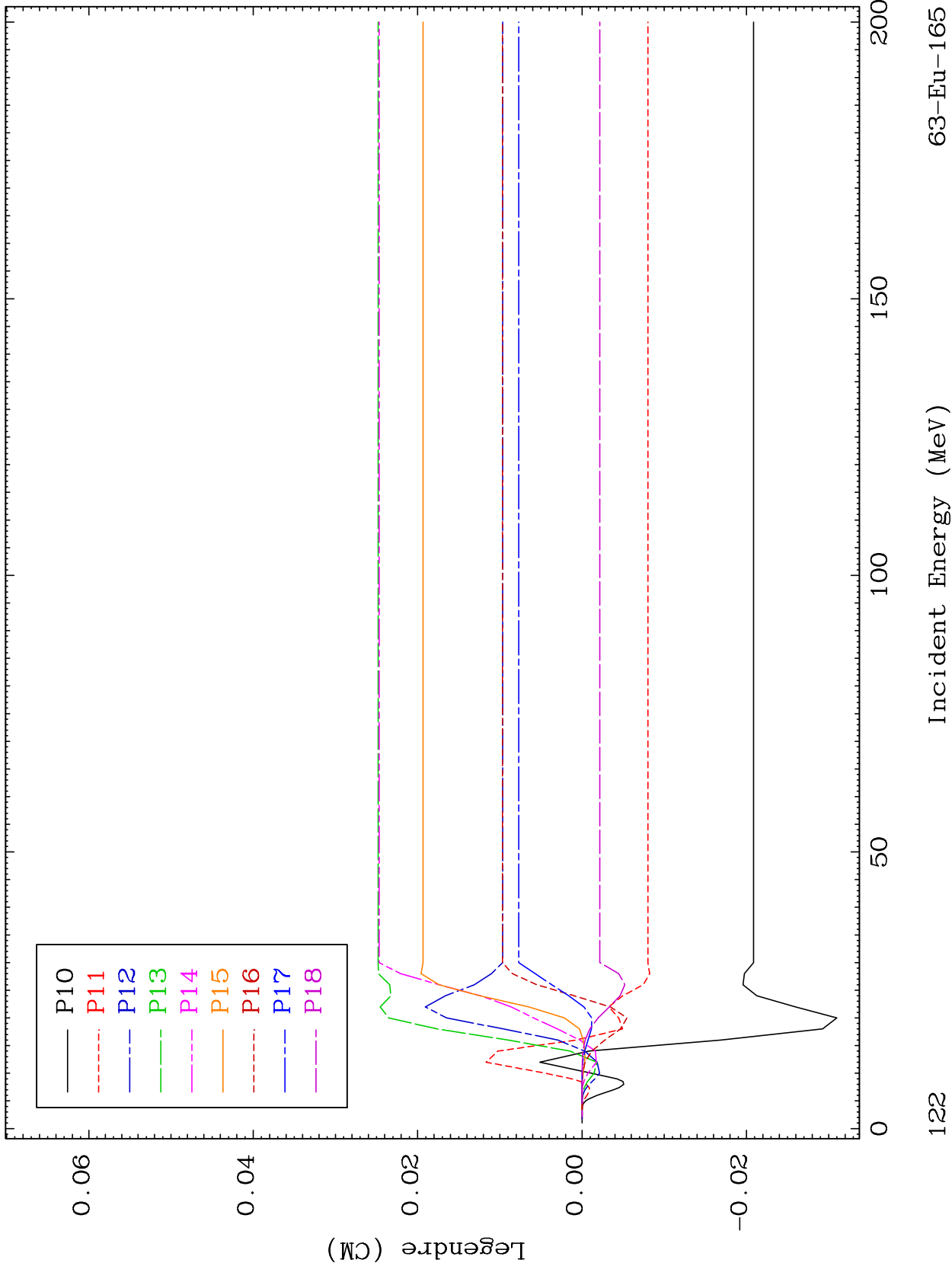
Incident Energy (MeV)

121

MAT 6367

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

63-Eu-165



122

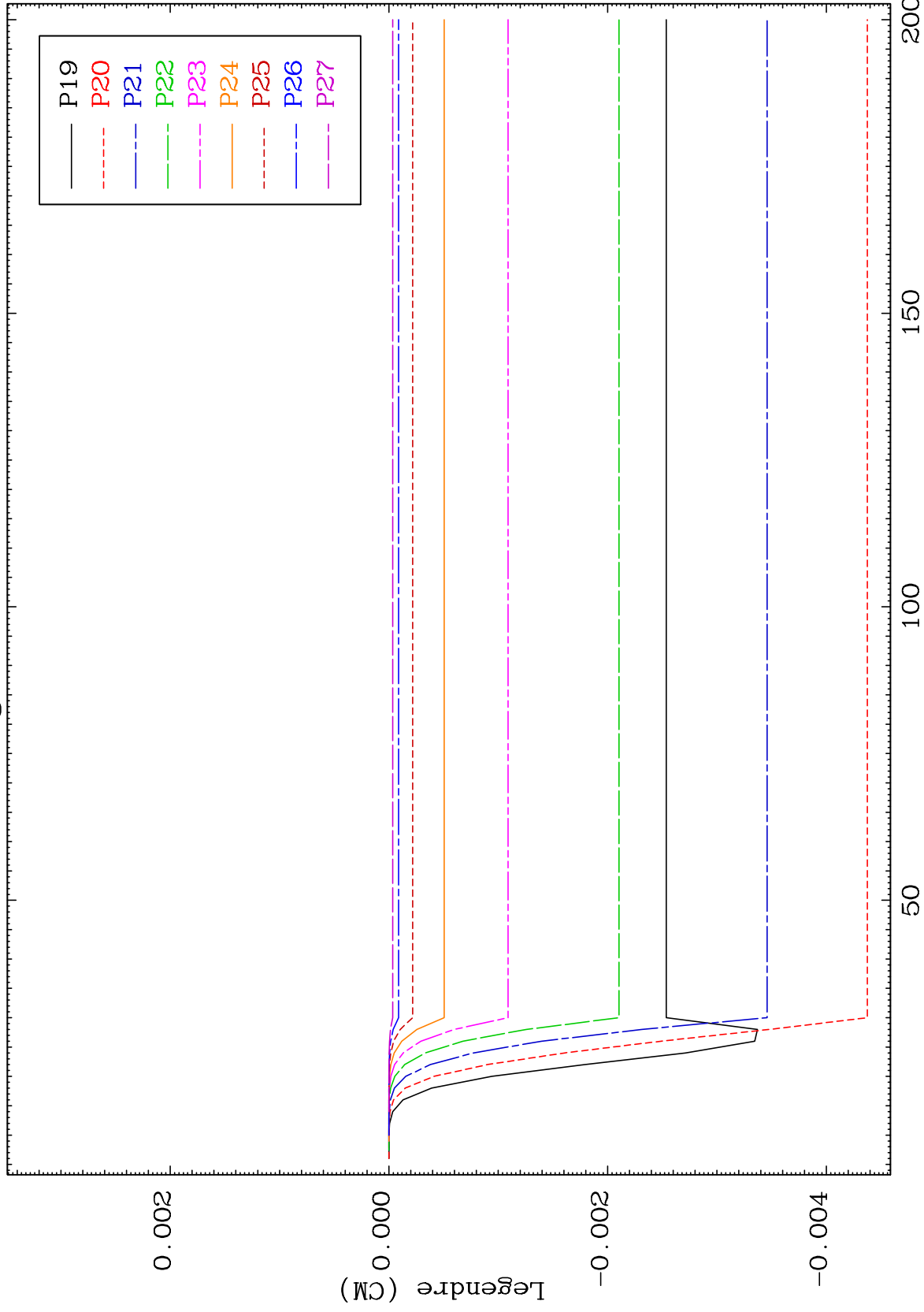
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

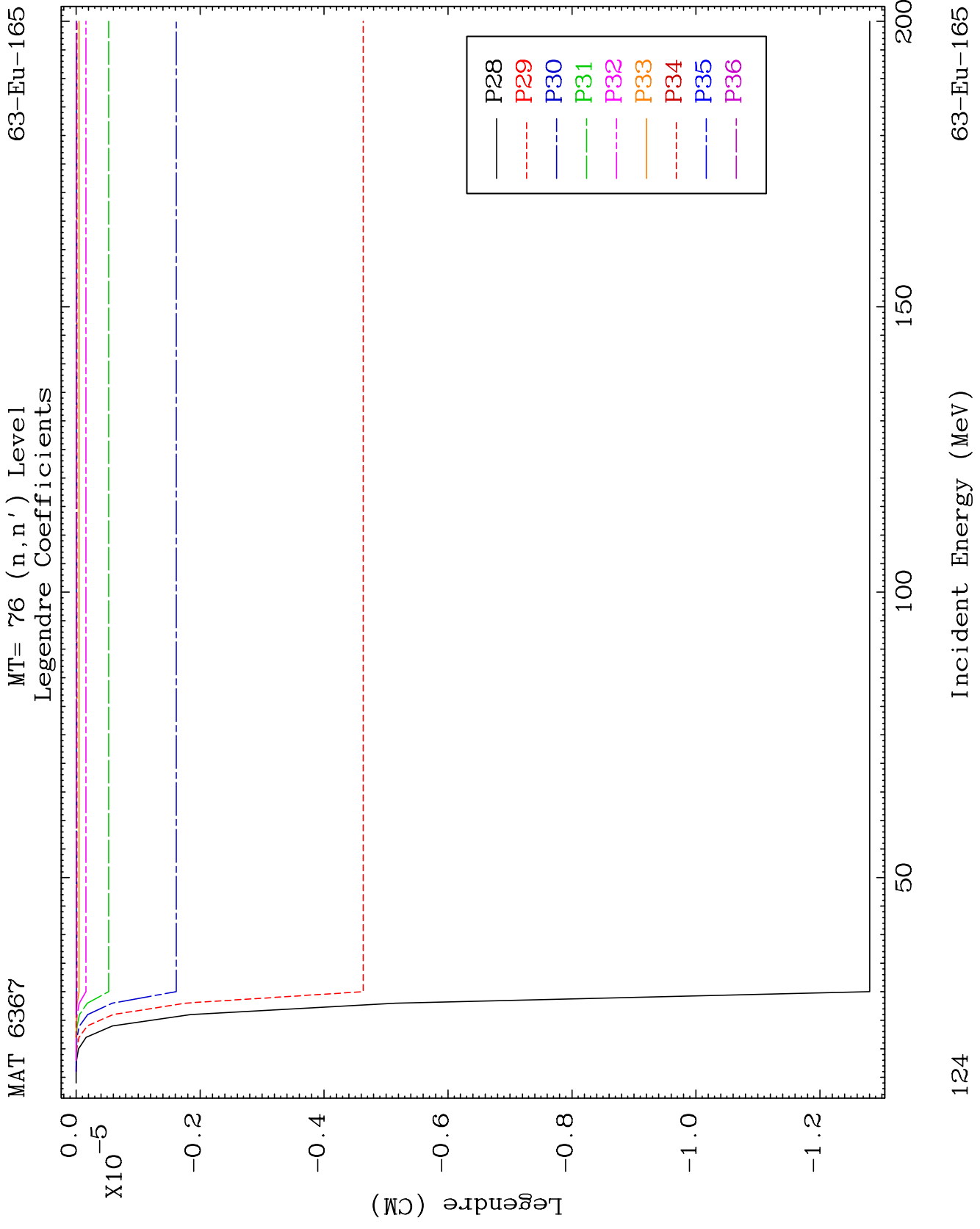
63-Eu-165



123

Incident Energy (MeV)

63-Eu-165

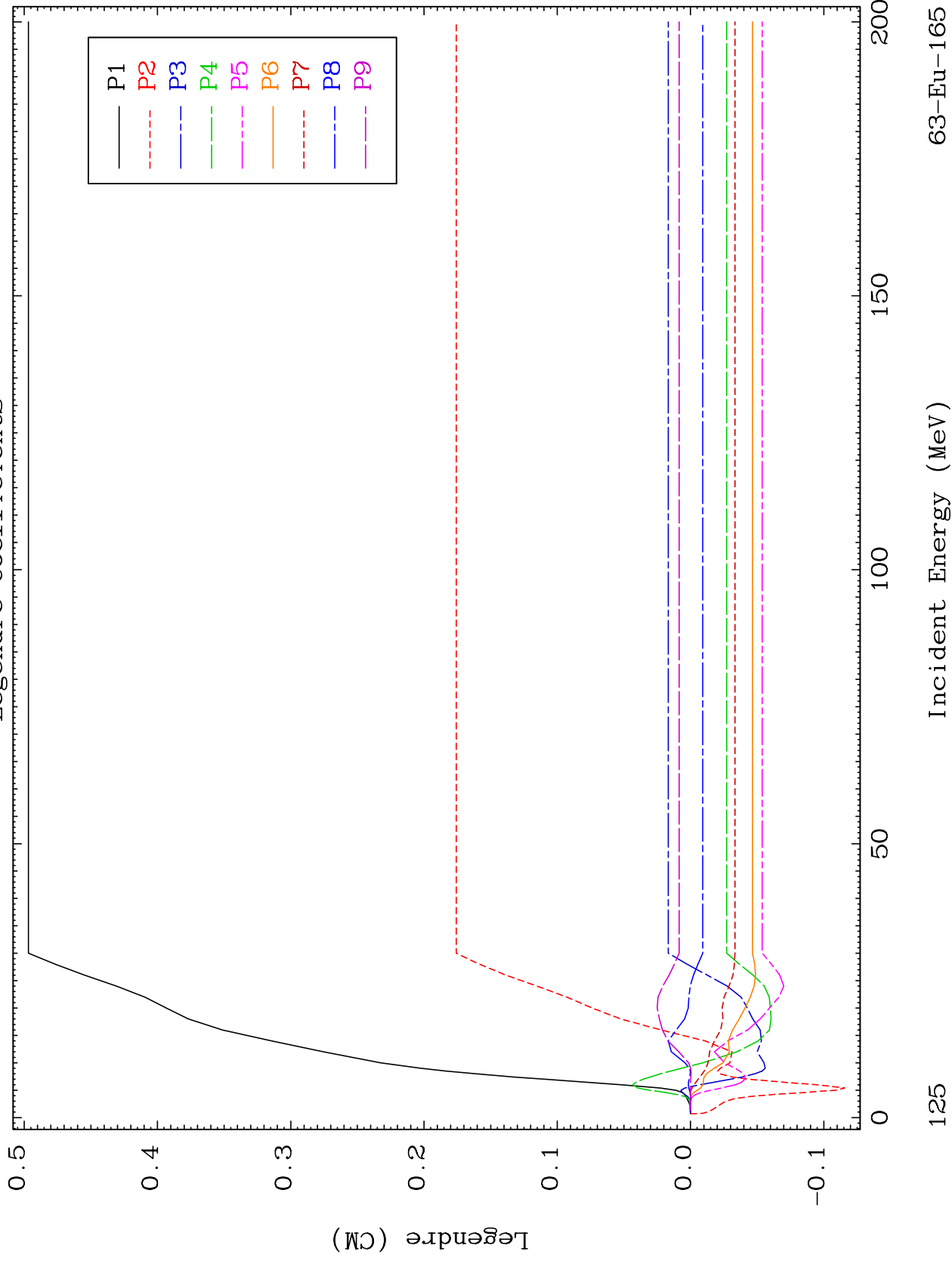


MAT 6367

MT= 77 (n,n') Level

63-Eu-165

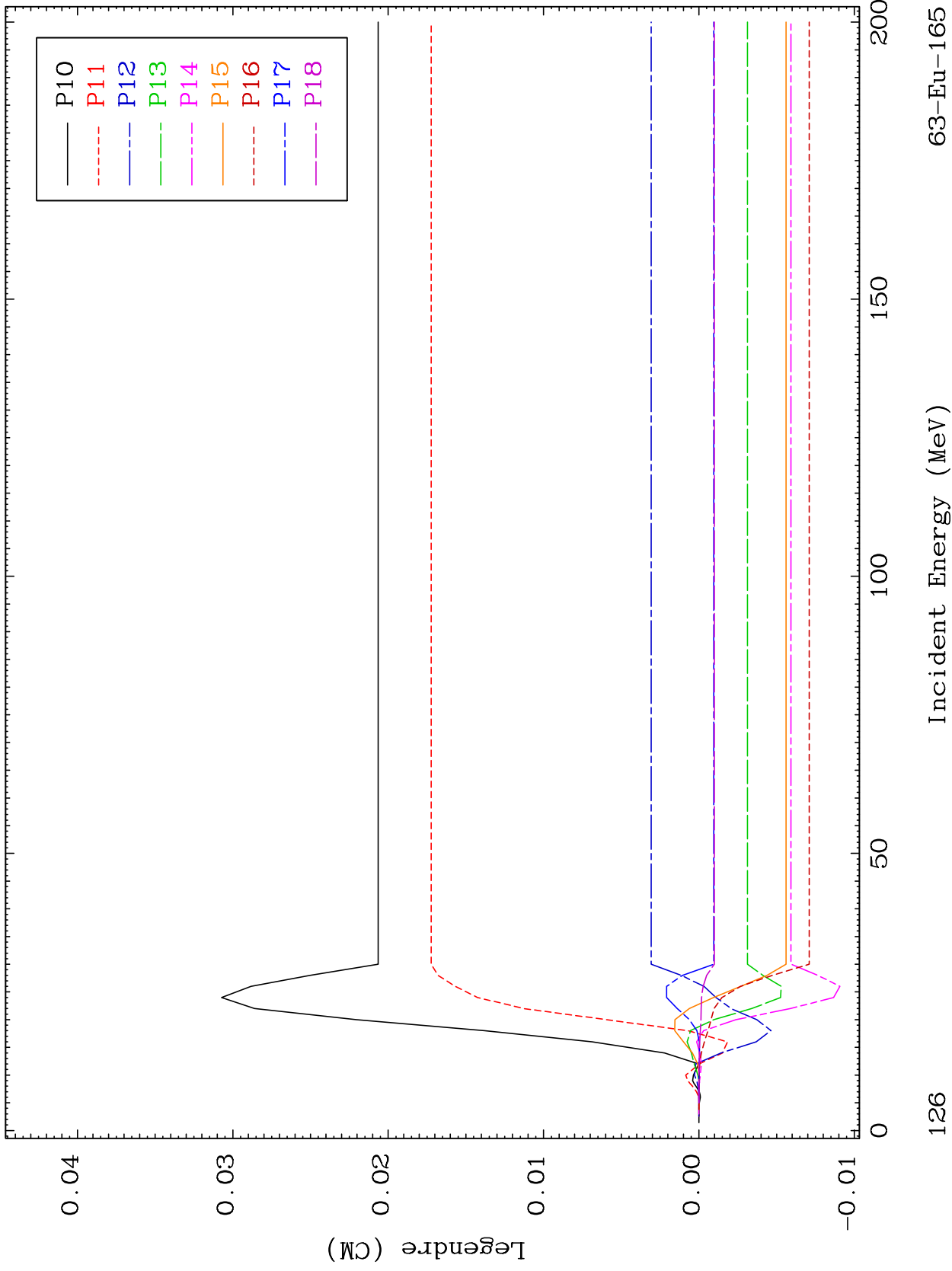
Legendre Coefficients



MAT 6367

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

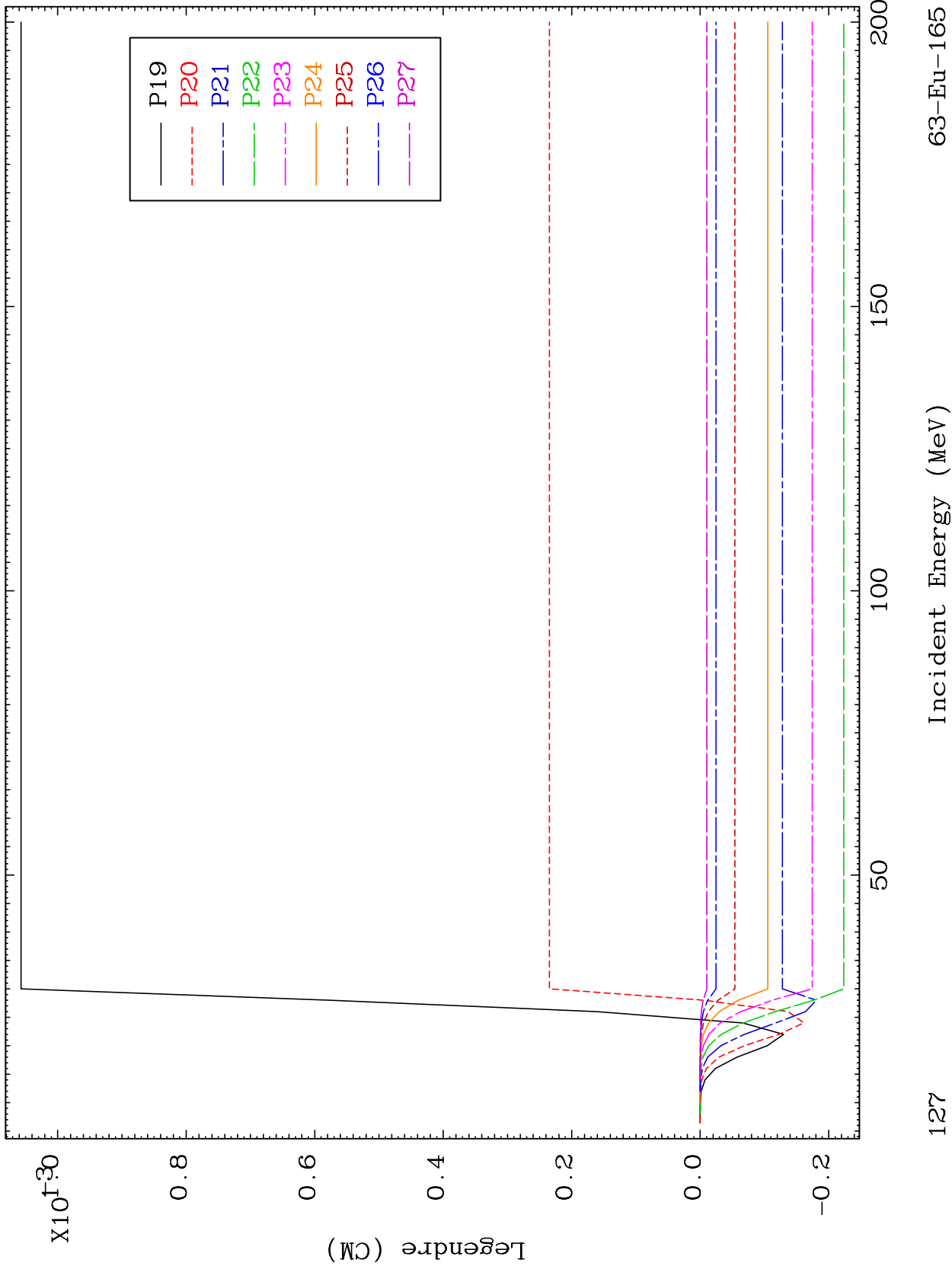
63-Eu-165



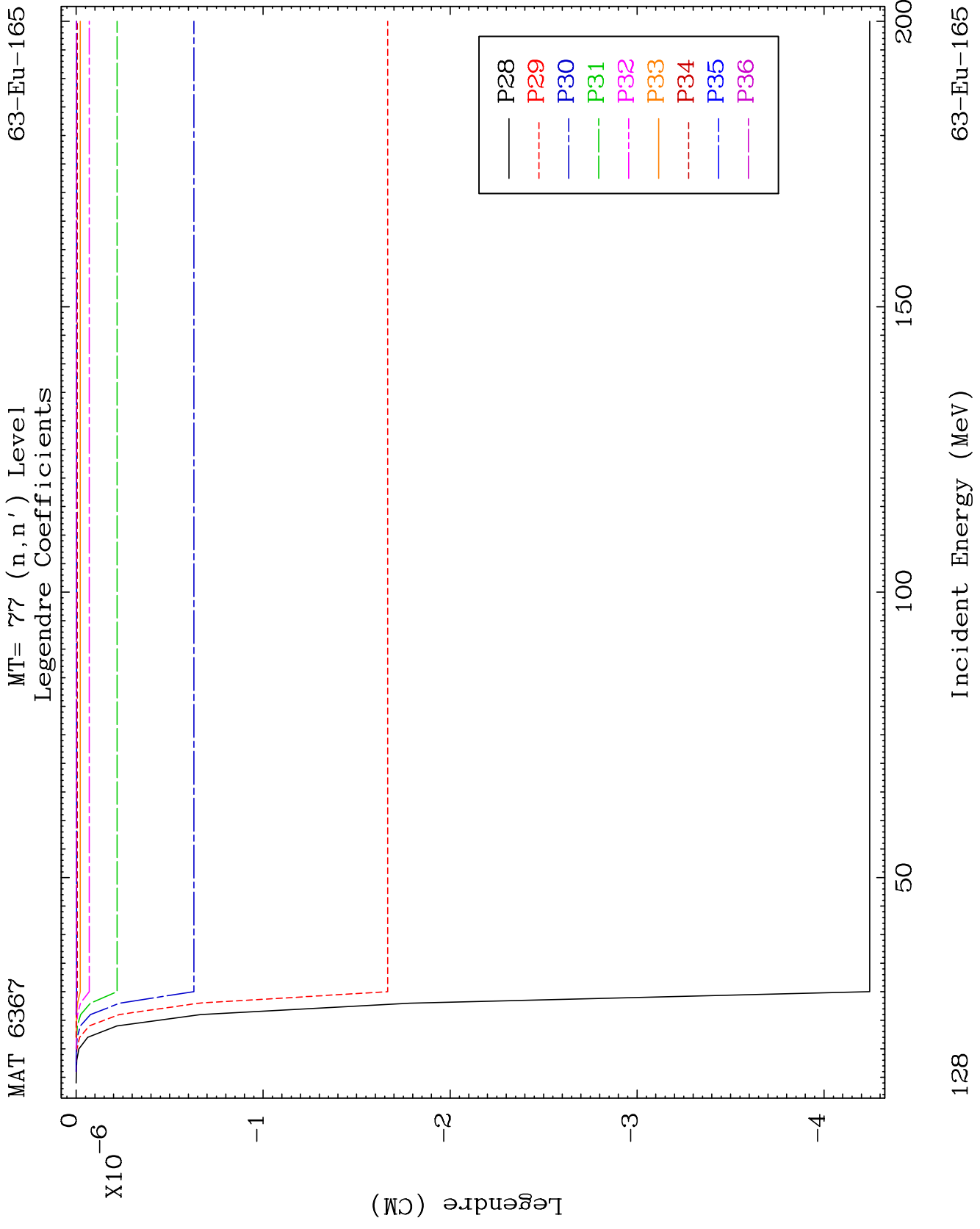
63-Eu-165

Incident Energy (MeV)

126





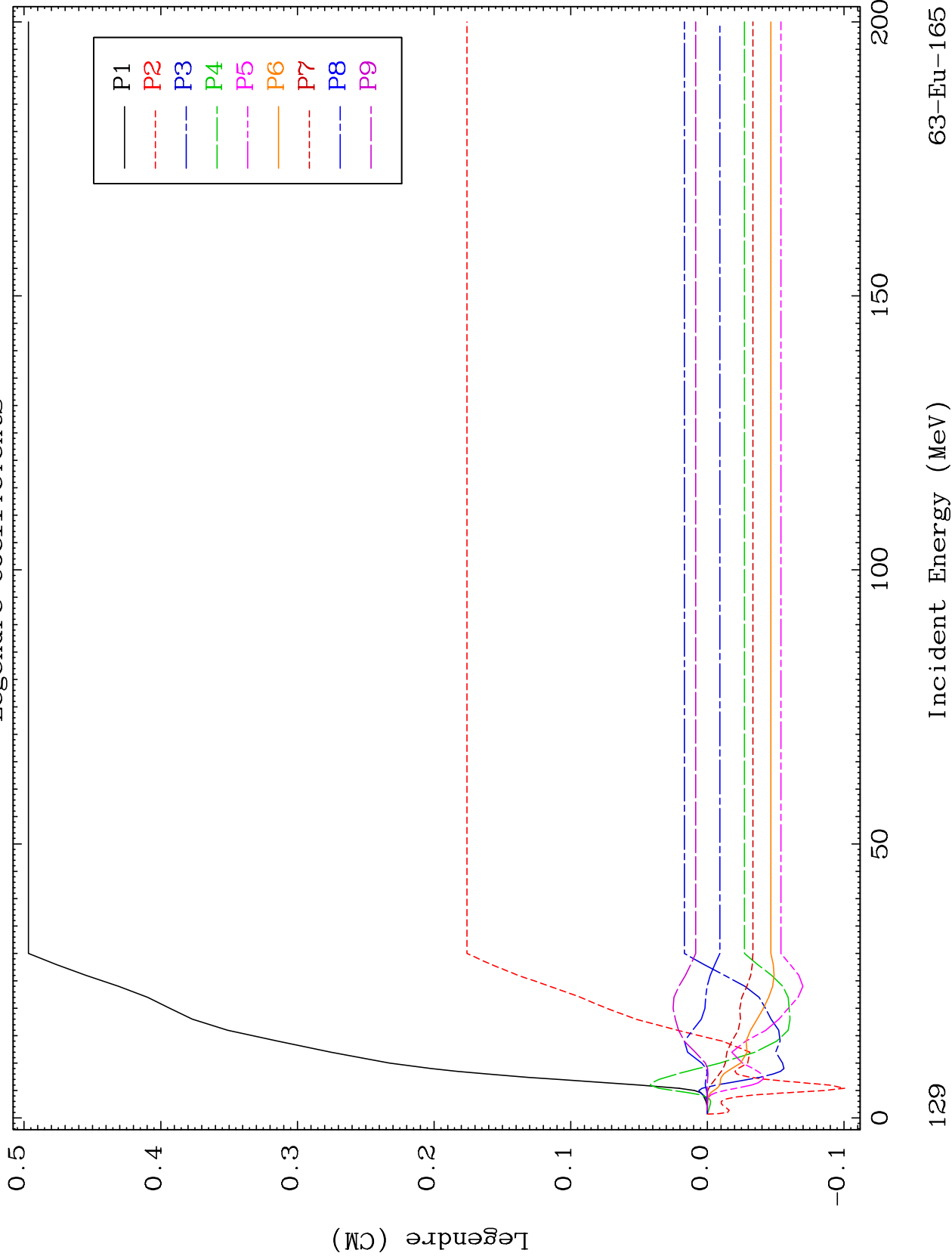


MAT 6367

MT= 78 (n,n') Level

63-Eu-165

Legendre Coefficients



129

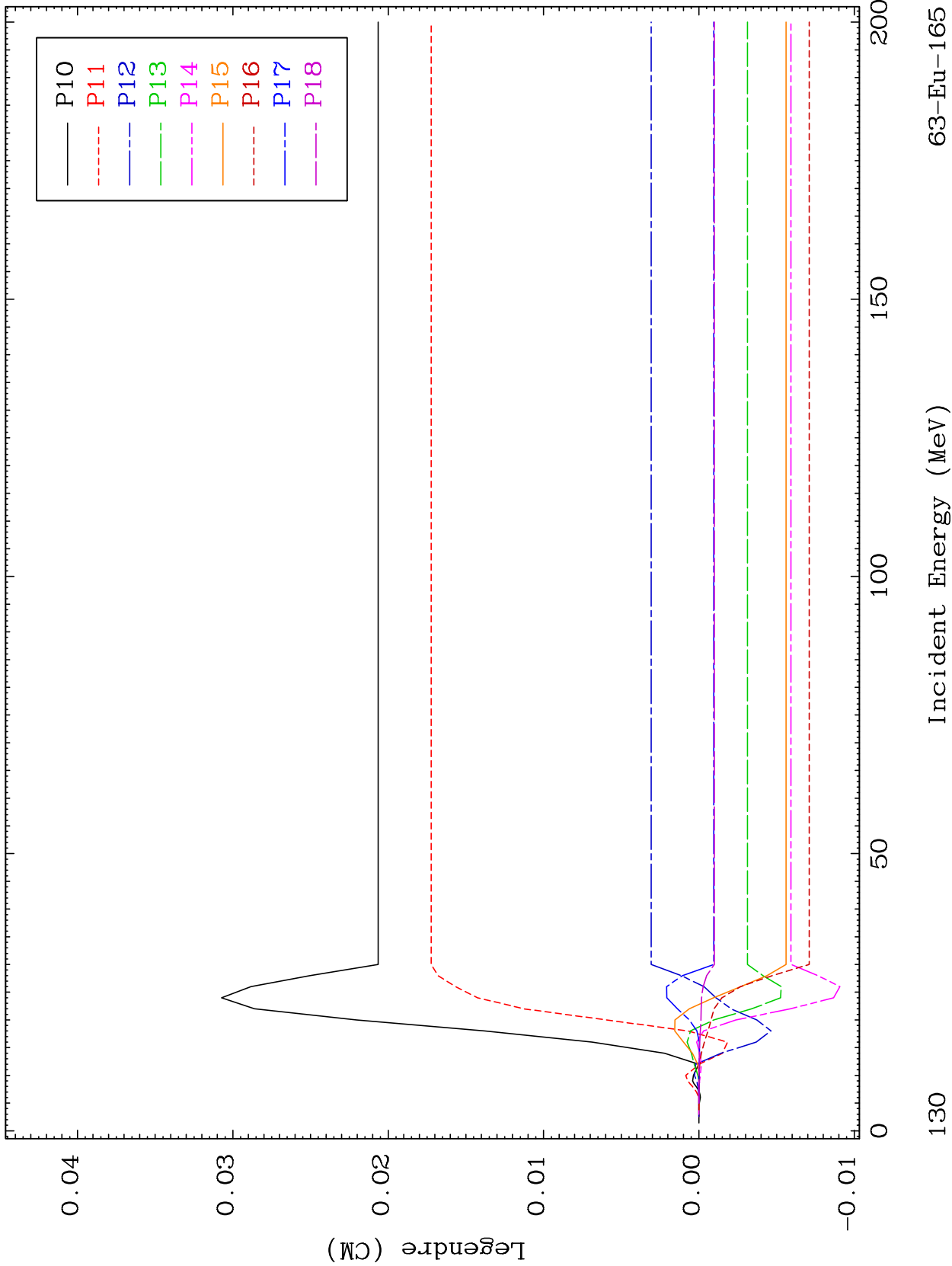
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



63-Eu-165

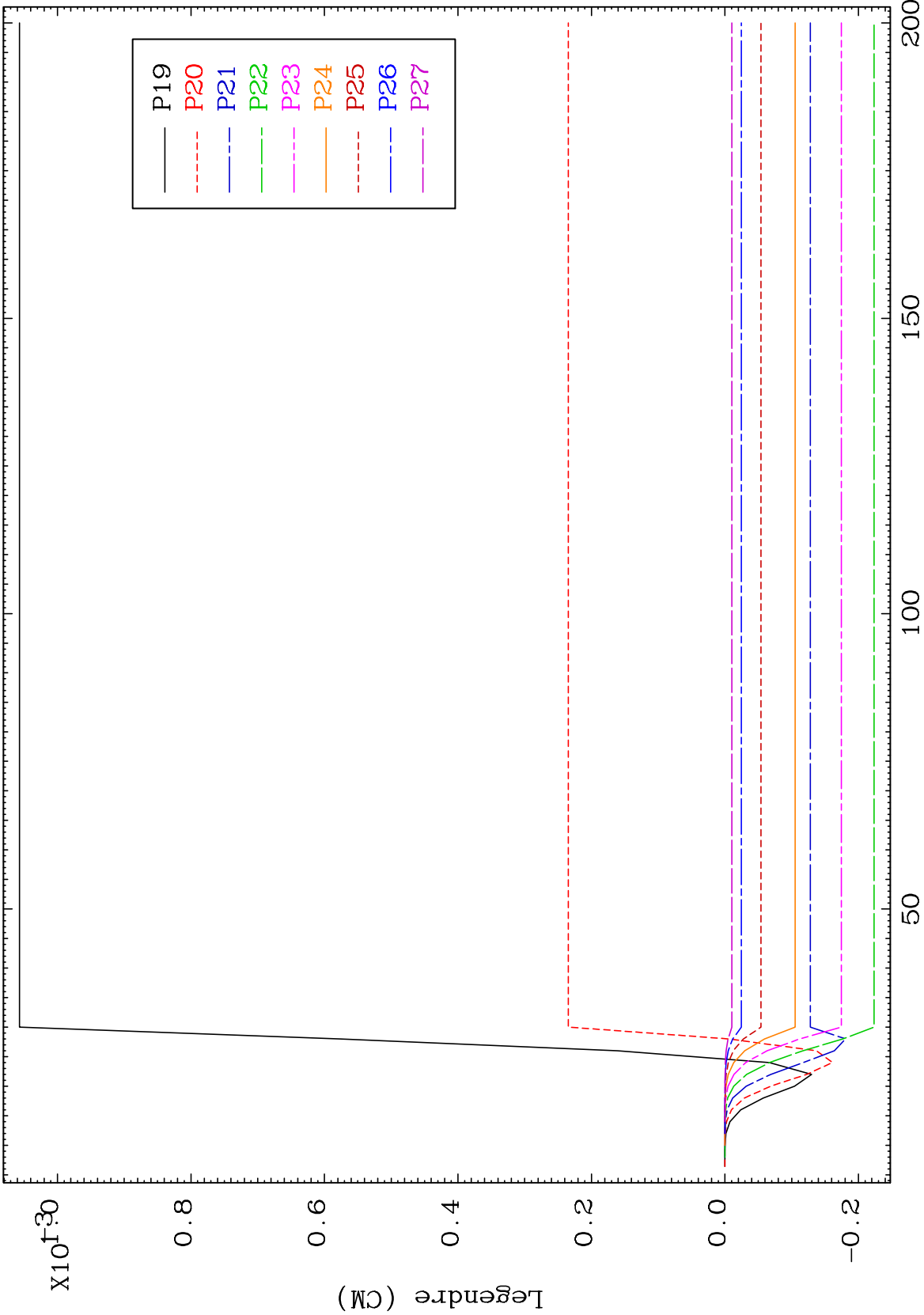
Incident Energy (MeV)

130

MAT 6367

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

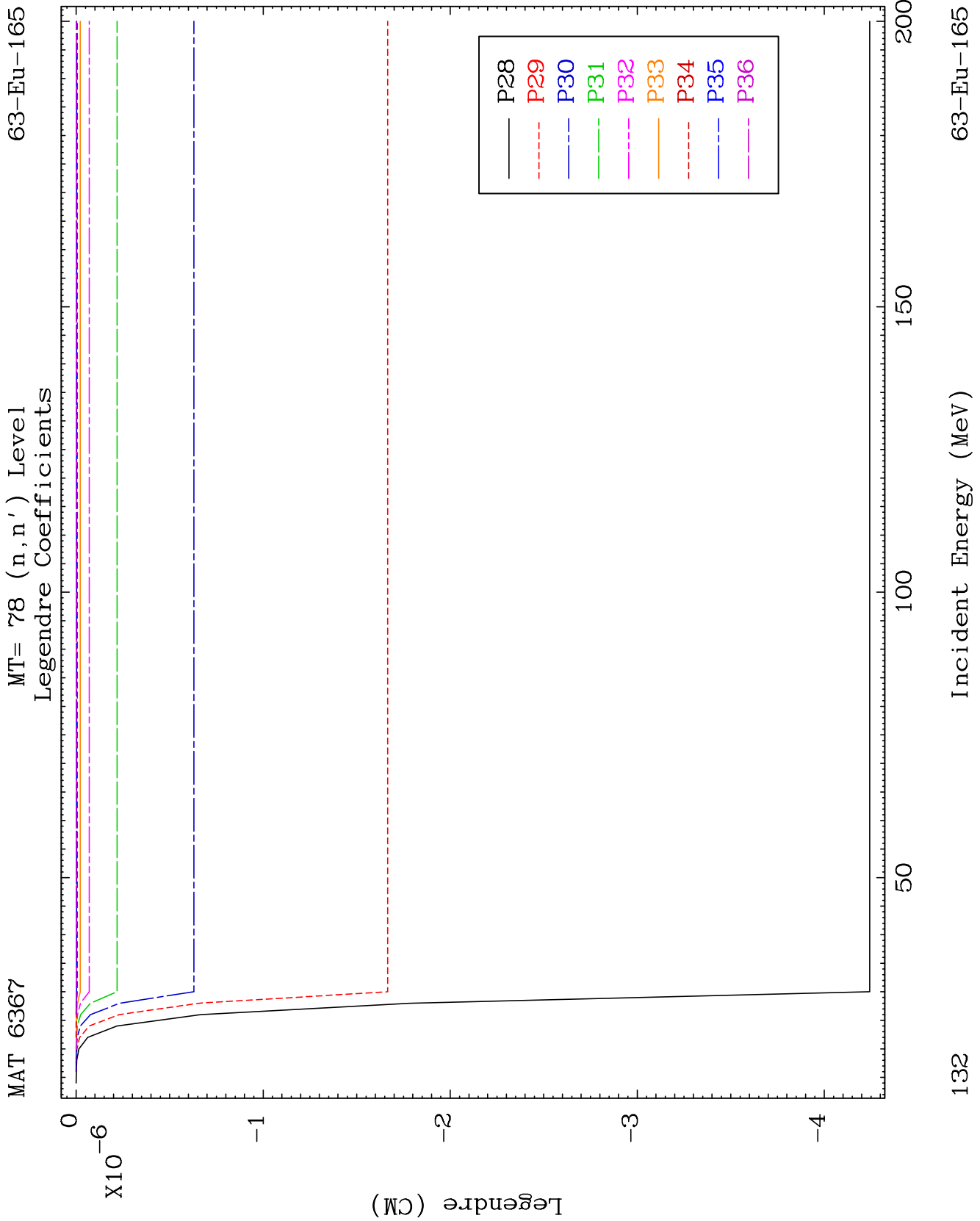
63-Eu-165



131

Incident Energy (MeV)

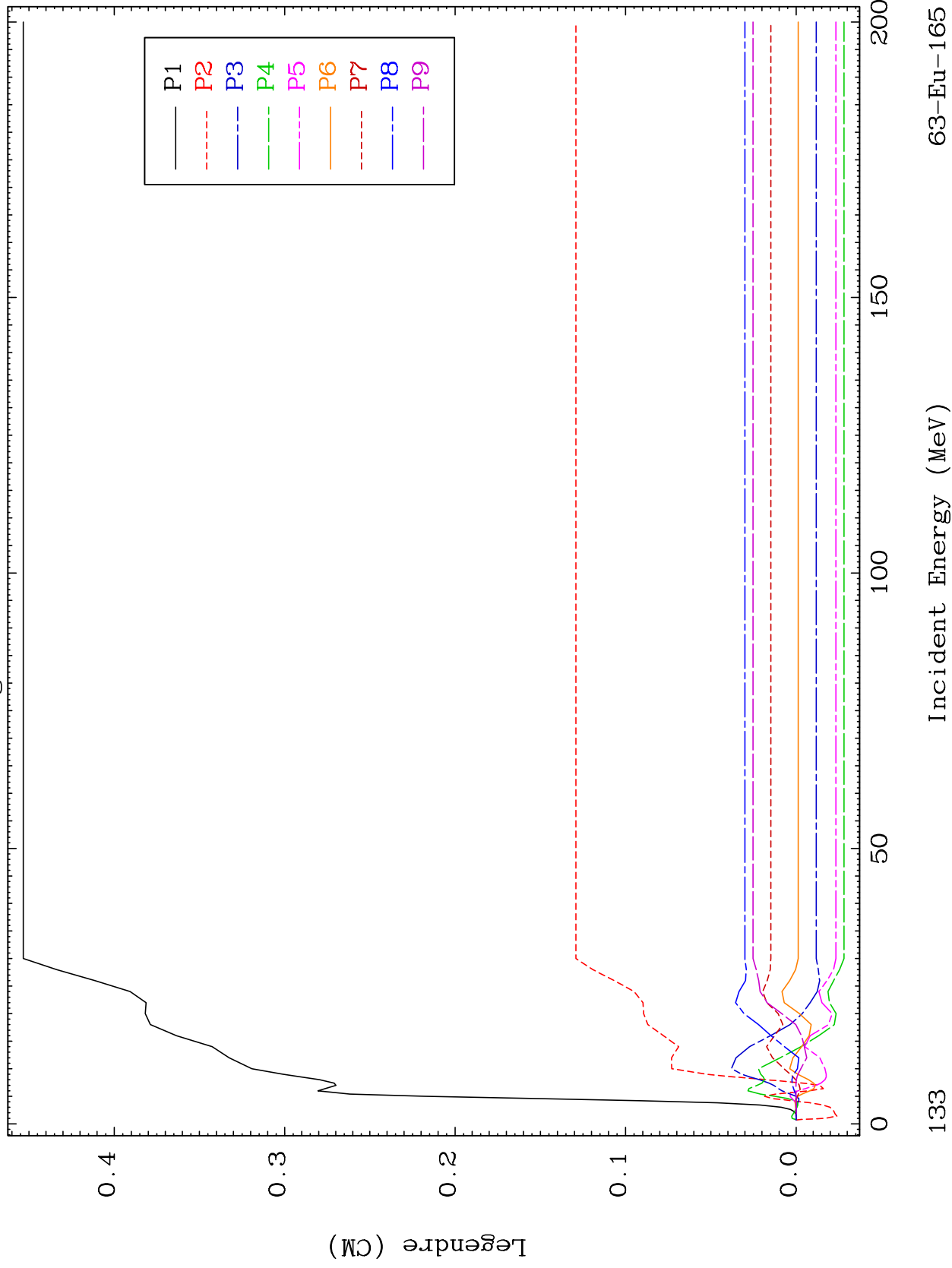
63-Eu-165



MAT 6367

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

63-Eu-165



63-Eu-165

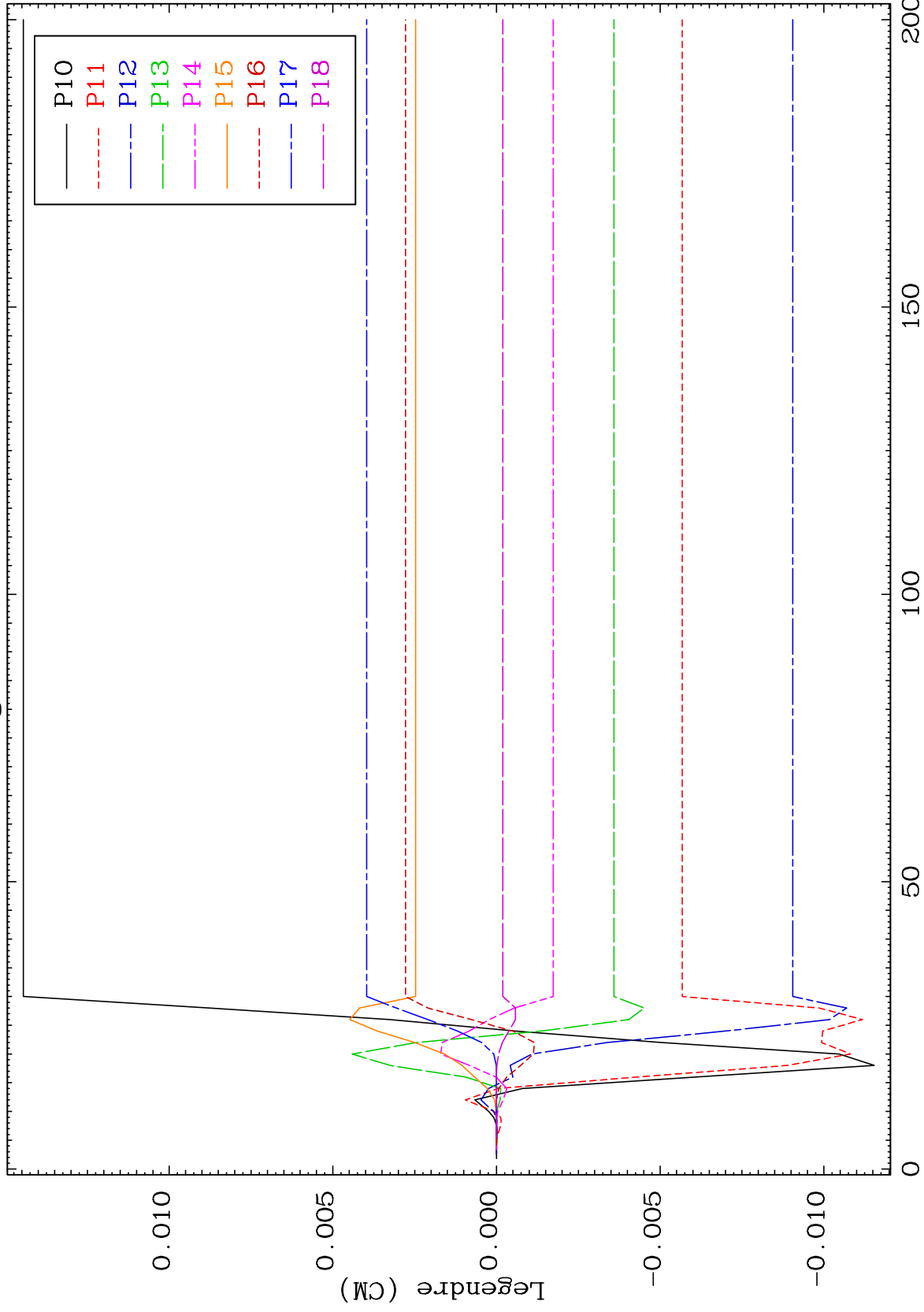
Incident Energy (MeV)

133

MAT 6367

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

63-Eu-165



134

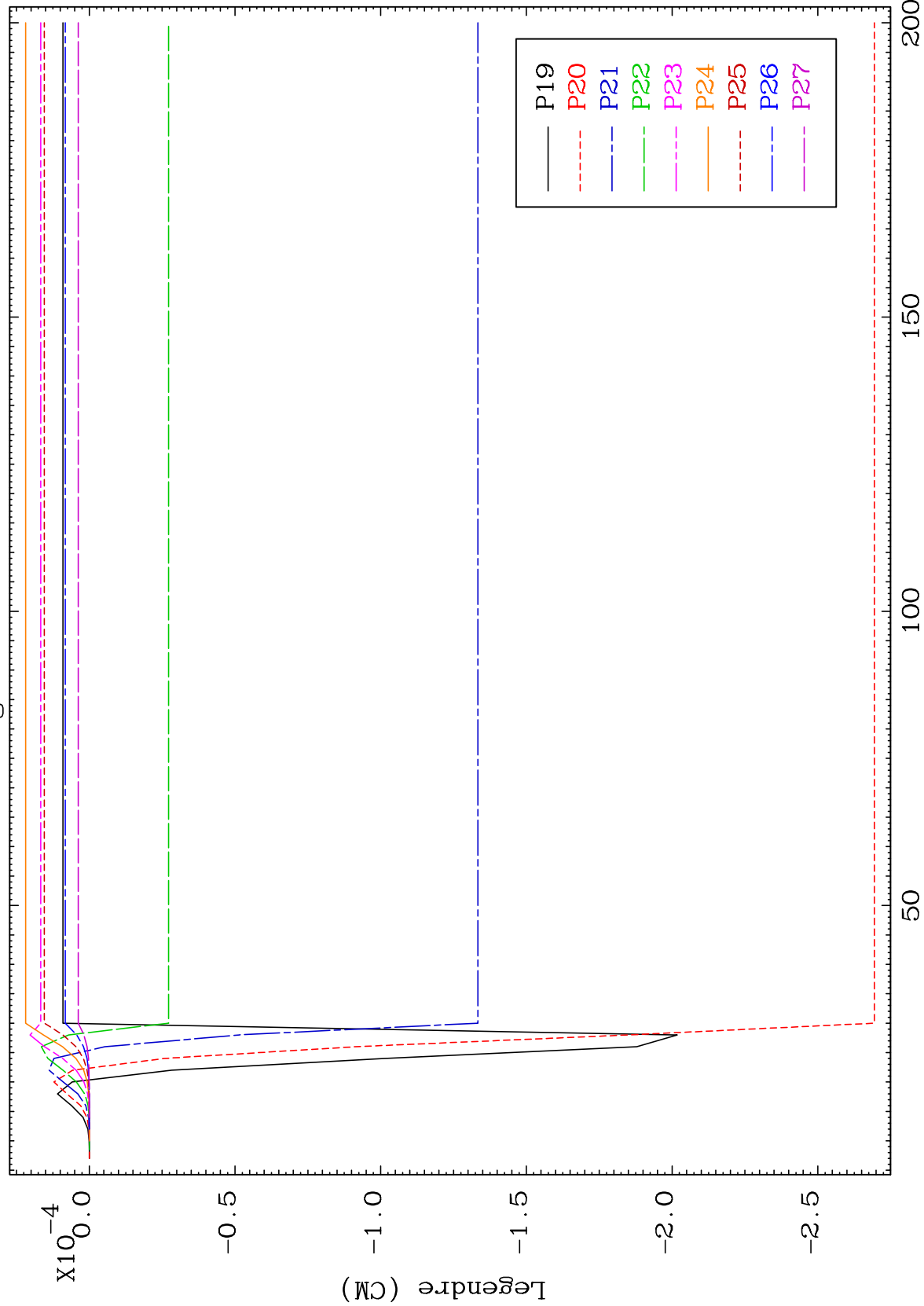
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



135

Incident Energy (MeV)

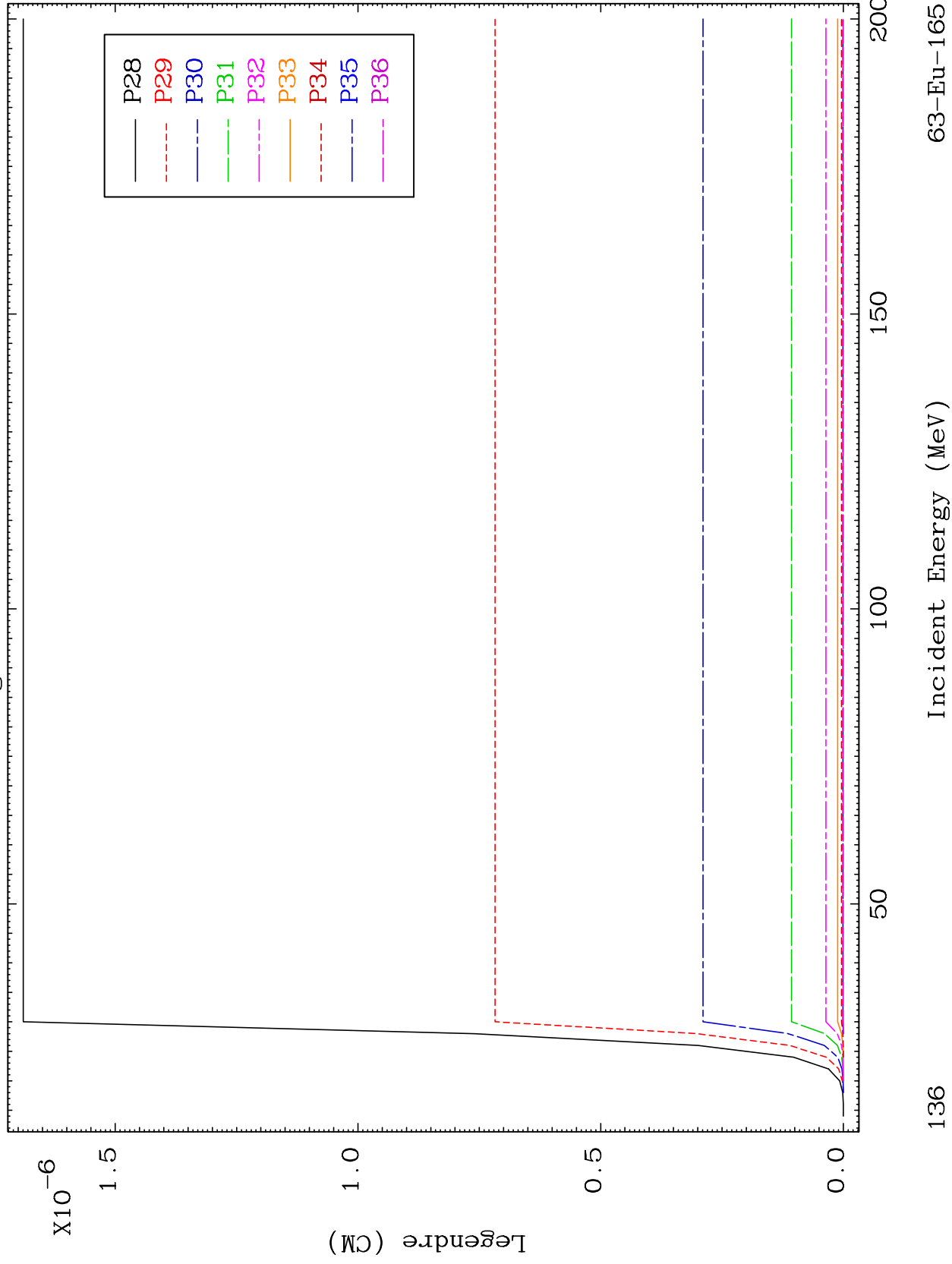
63-Eu-165



MAT 6367

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

63-Eu-165



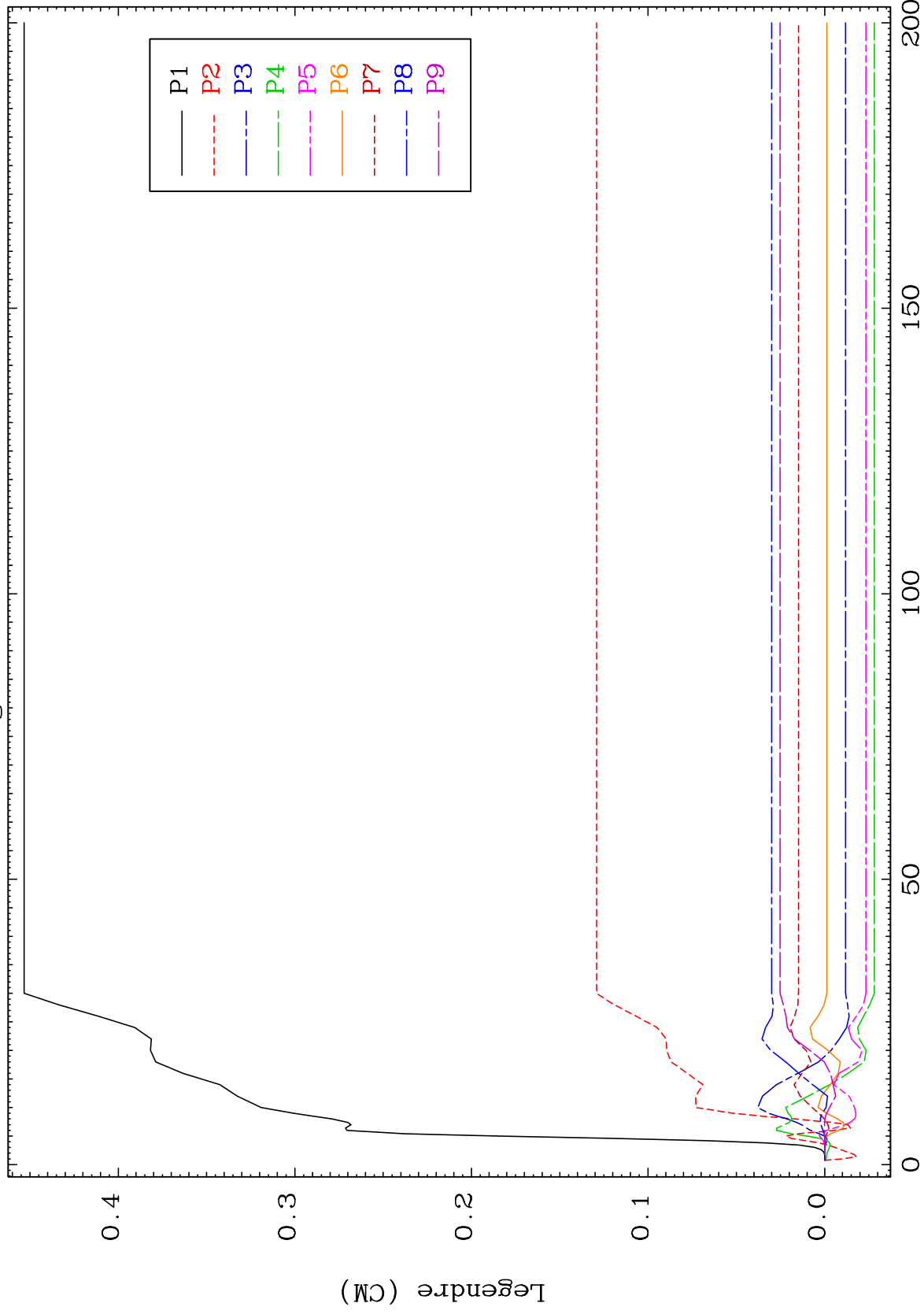
136

63-Eu-165

MAT 6367

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

63-Eu-165



137

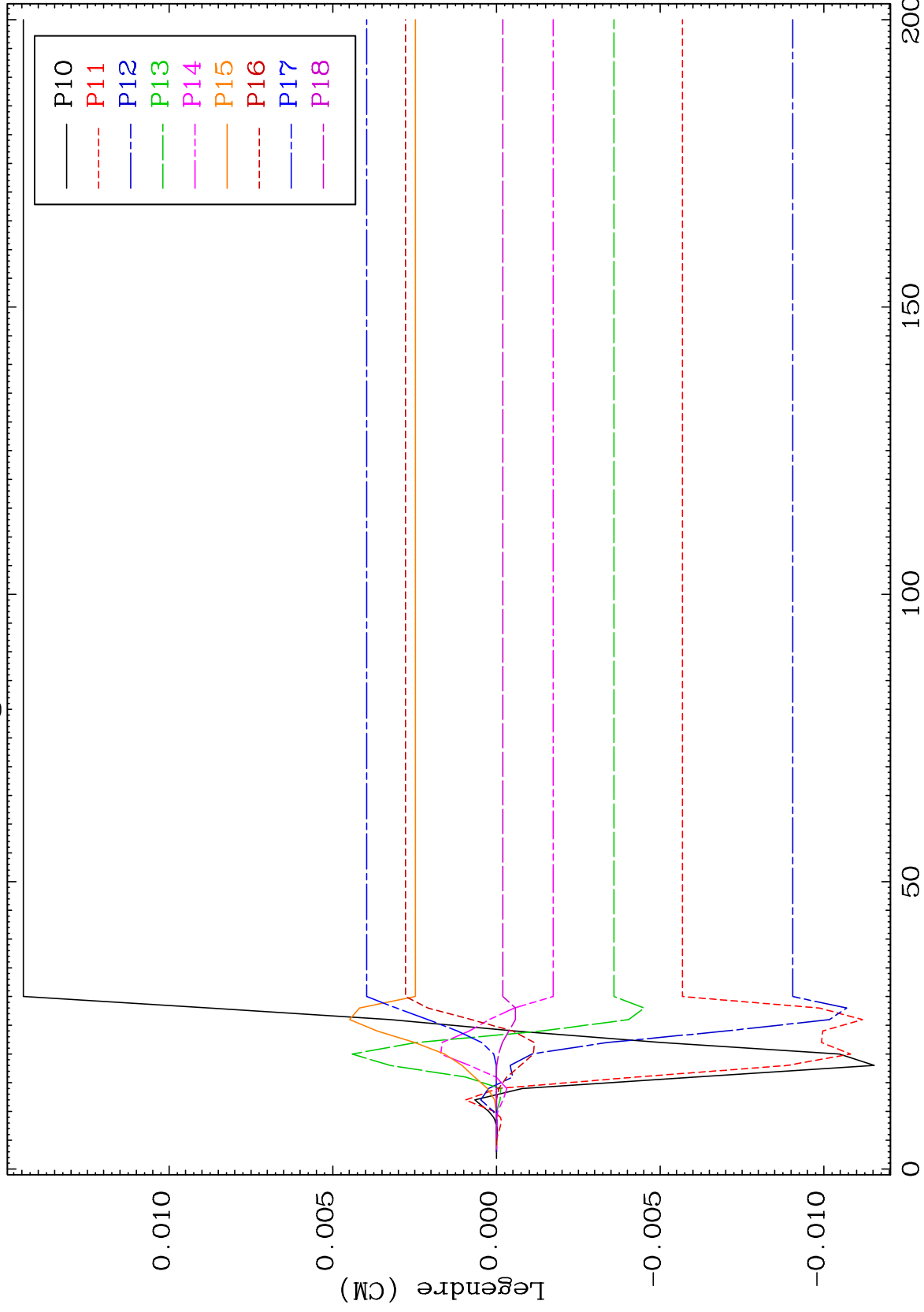
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



138

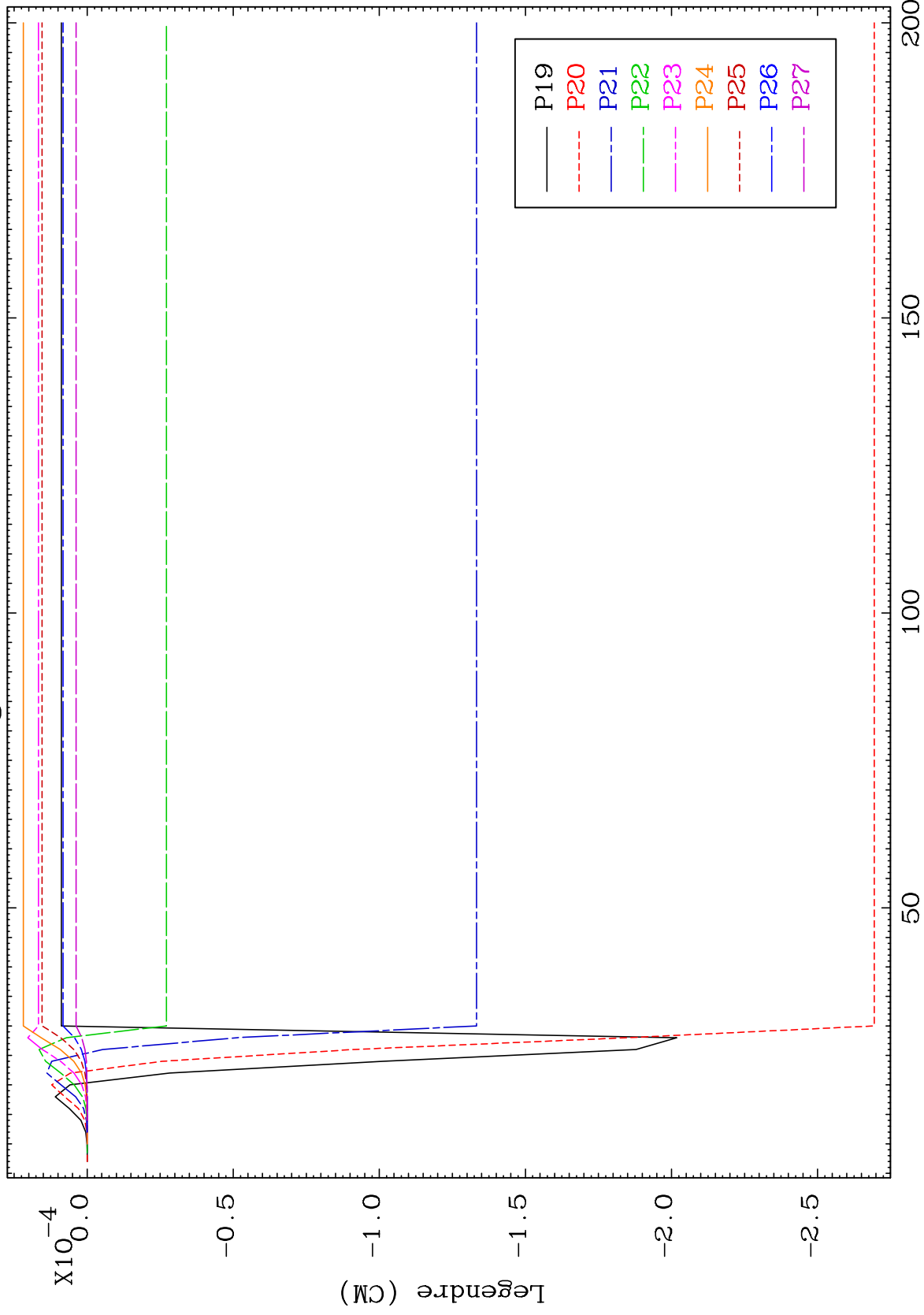
Incident Energy (MeV)

63-Eu-165

MAT 6367

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

63-Eu-165



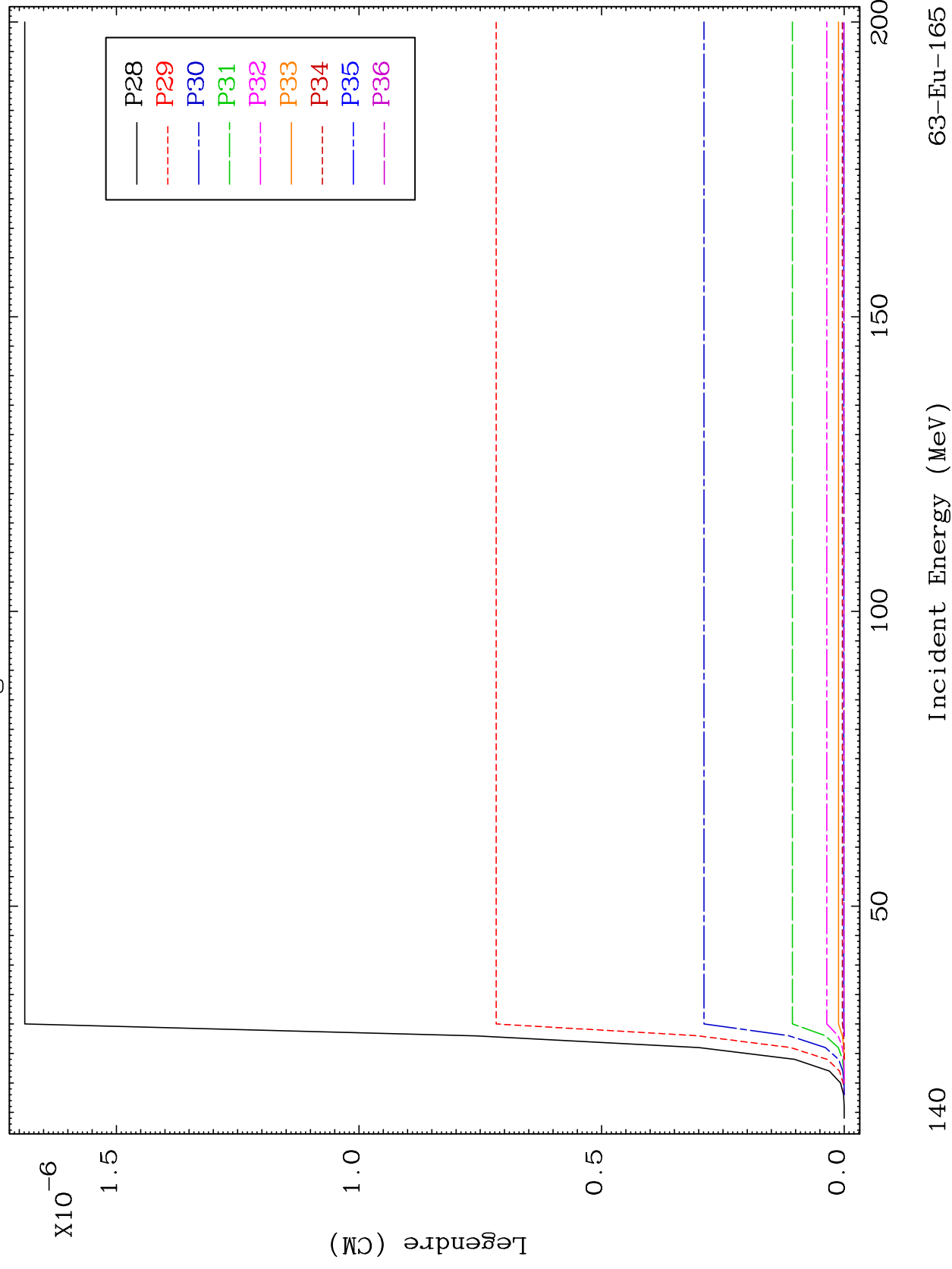
139

63-Eu-165

MAT 6367

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

63-Eu-165



140

Incident Energy (MeV)

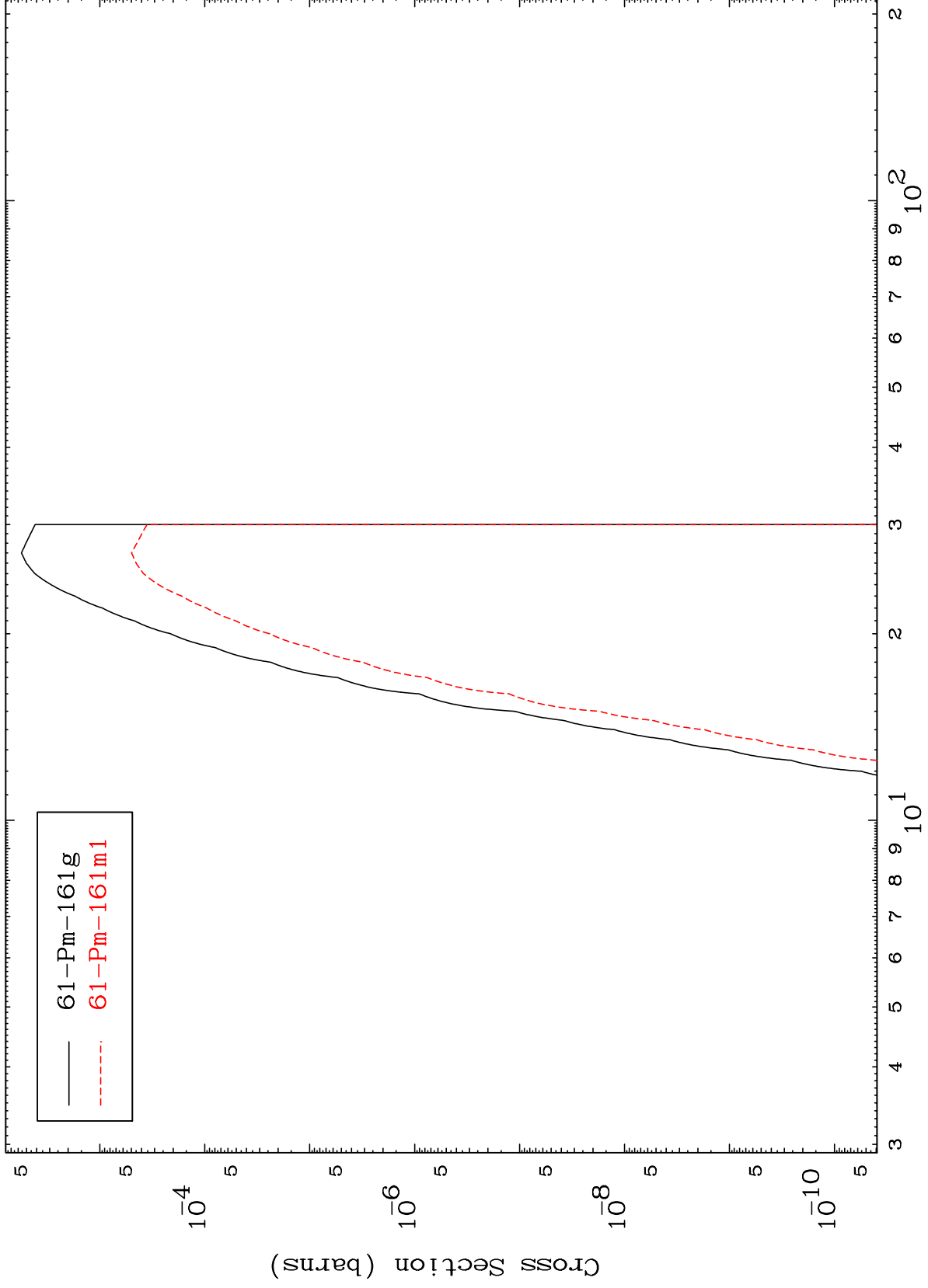
63-Eu-165

MAT 6367

$(n, n') \alpha$

63-Eu-165

Radionuclide Production Cross Section



141

Incident Energy (MeV)

63-Eu-165