

Program EVALPLOT  
(Version 2018-1)

by

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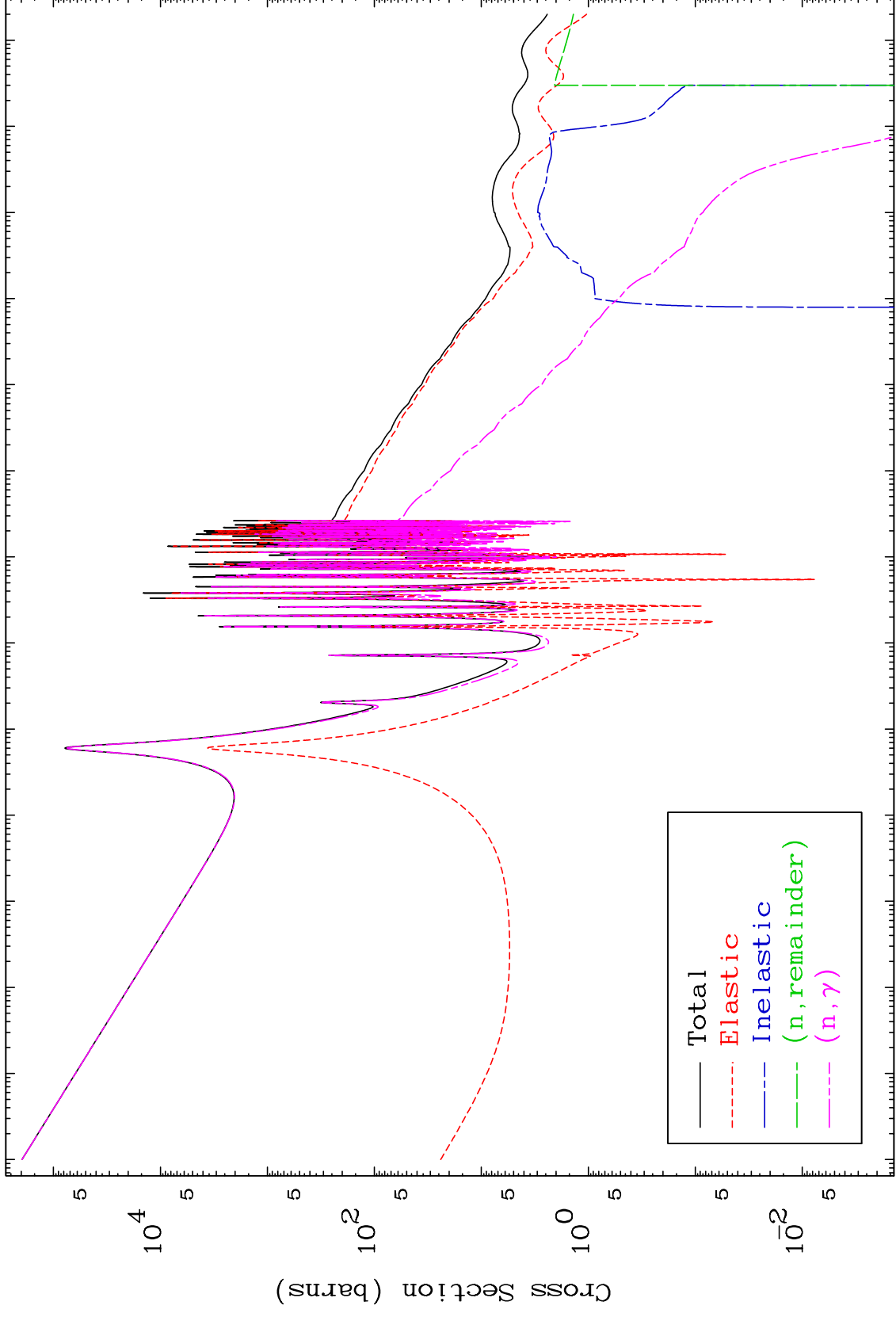
Press Mouse Button to Start

MAT 6337

Major

293 Kelvin Cross Sections

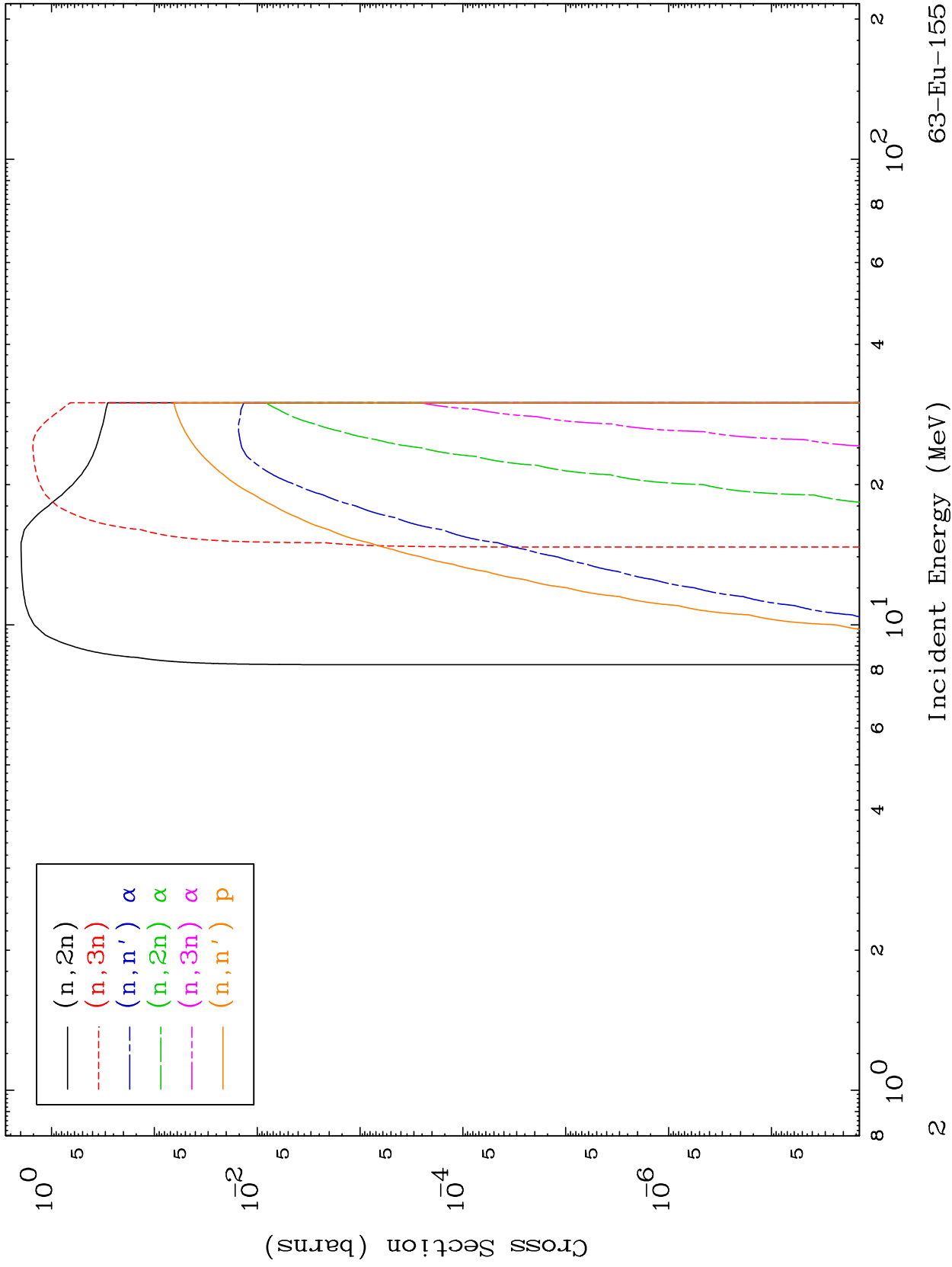
63-Eu-155



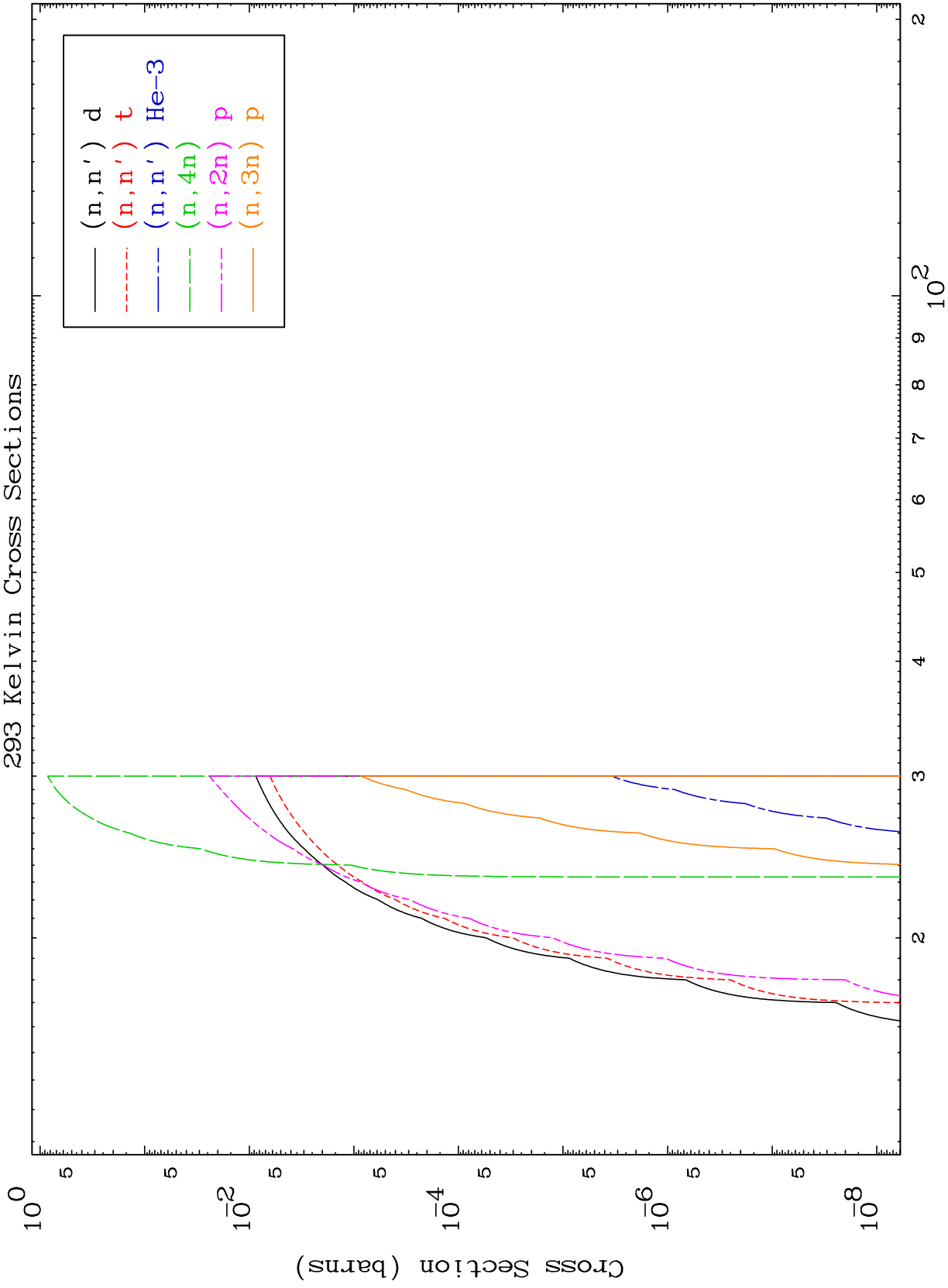
MAT 6337

Neutron Production  
293 Kelvin Cross Sections

63-Eu-155



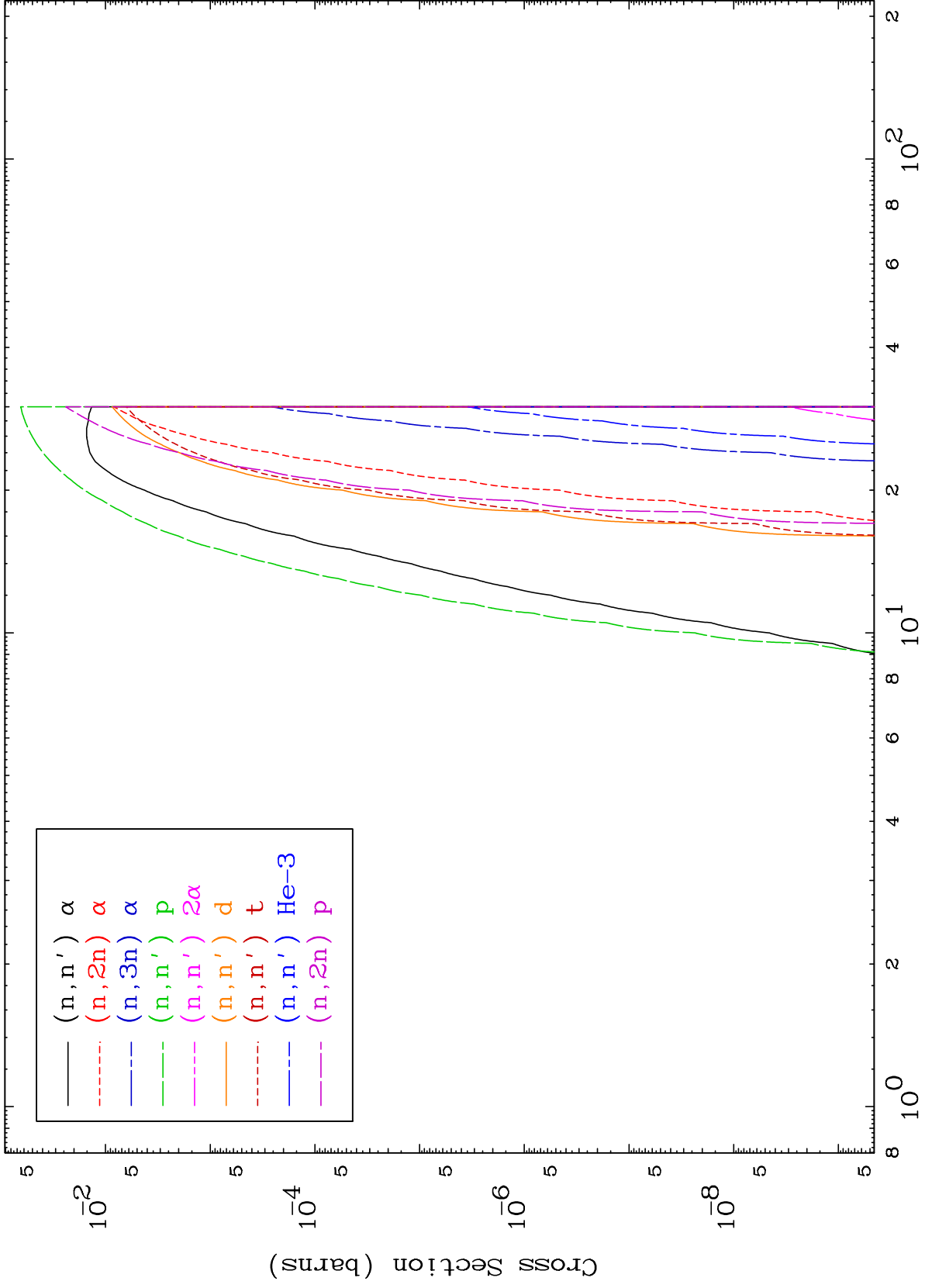
63-Eu-155



MAT 6337

Charged Particle  
293 Kelvin Cross Sections

63-Eu-155



4

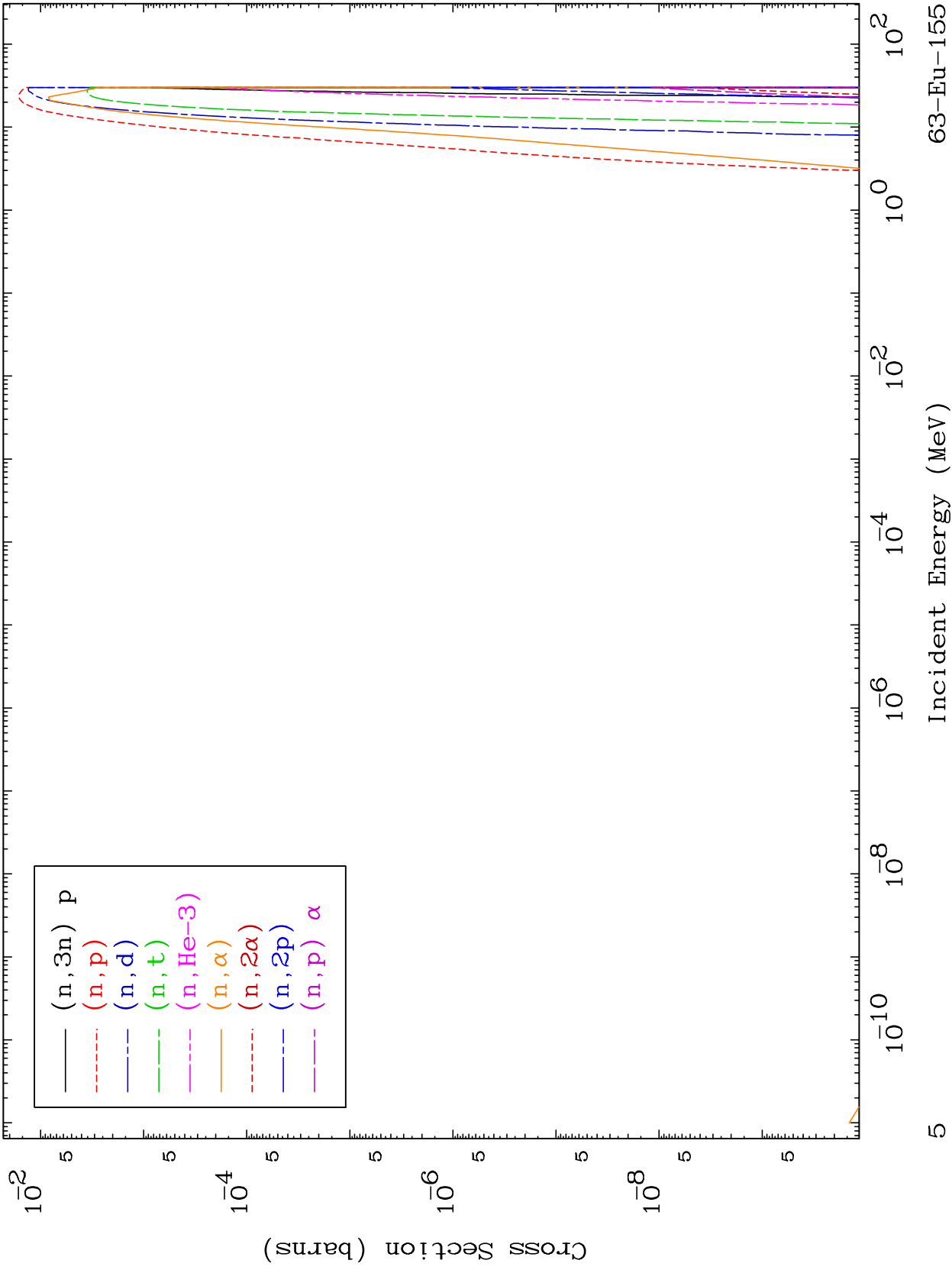
Incident Energy (MeV)

63-Eu-155

MAT 6337

Charged Particle  
293 Kelvin Cross Sections

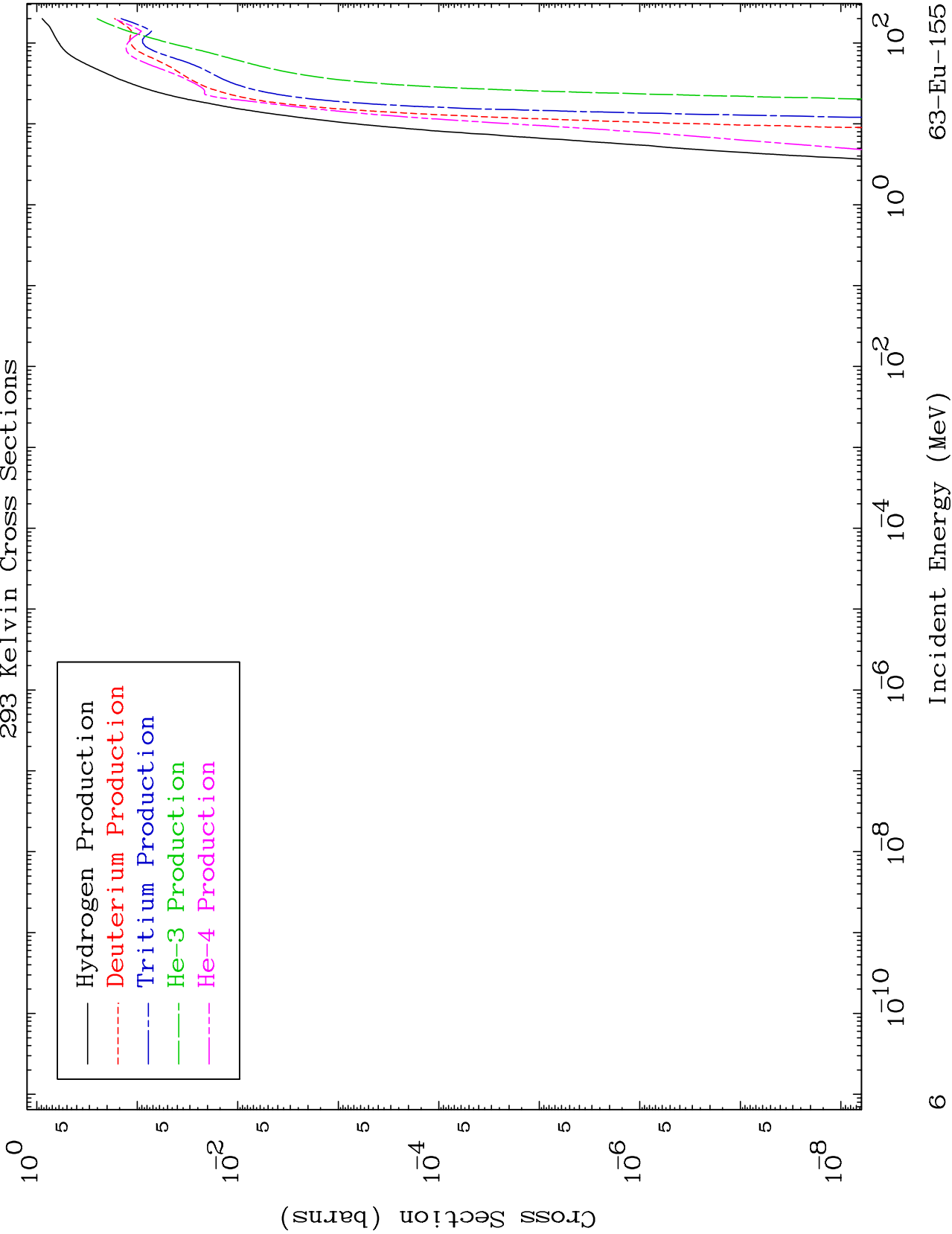
63-Eu-155



MAT 6337

Particle Production  
293 Kelvin Cross Sections

63-Eu-155

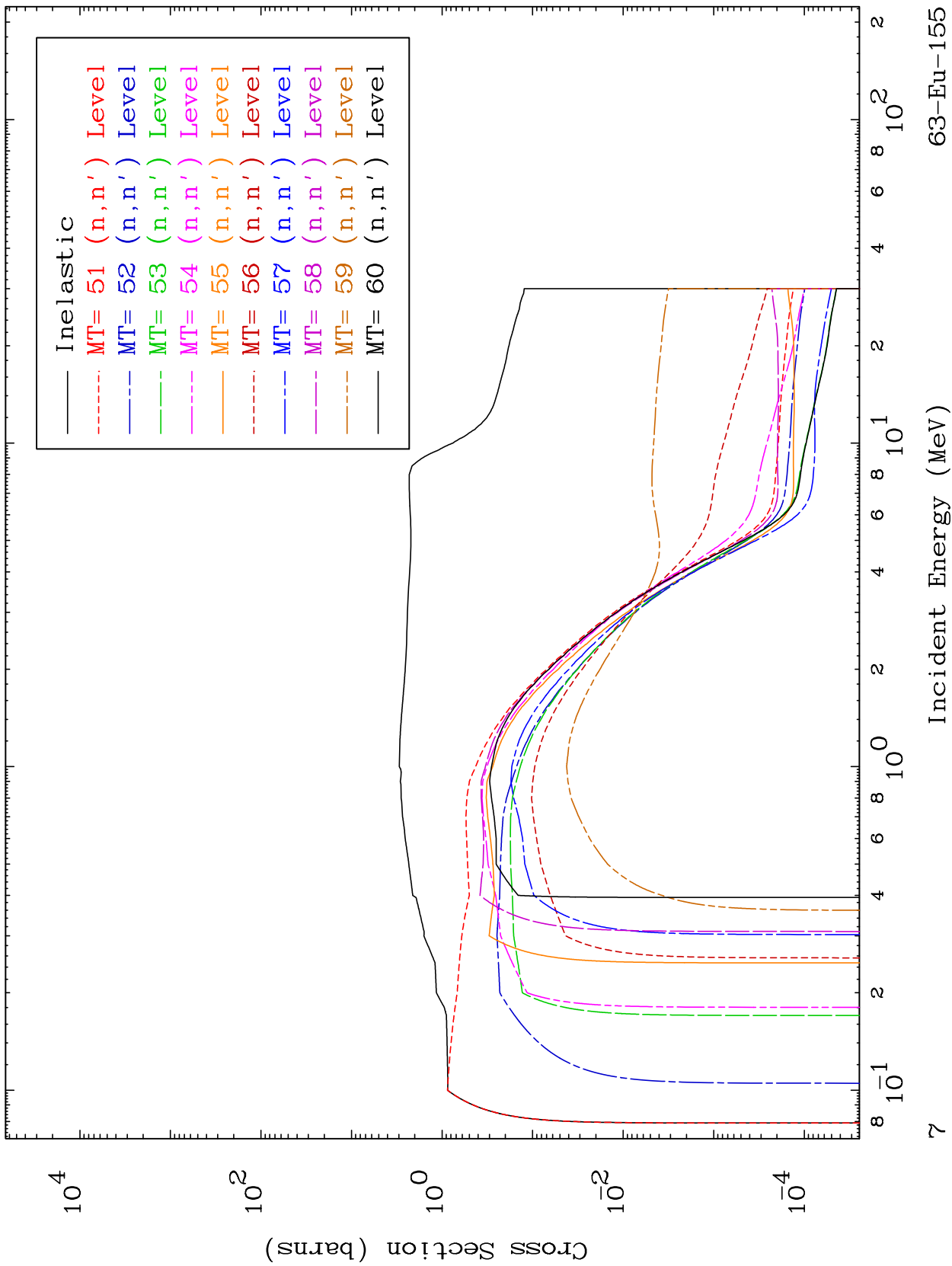


MAT 6337

(n,n') Level

63-Eu-155

293 Kelvin Cross Sections



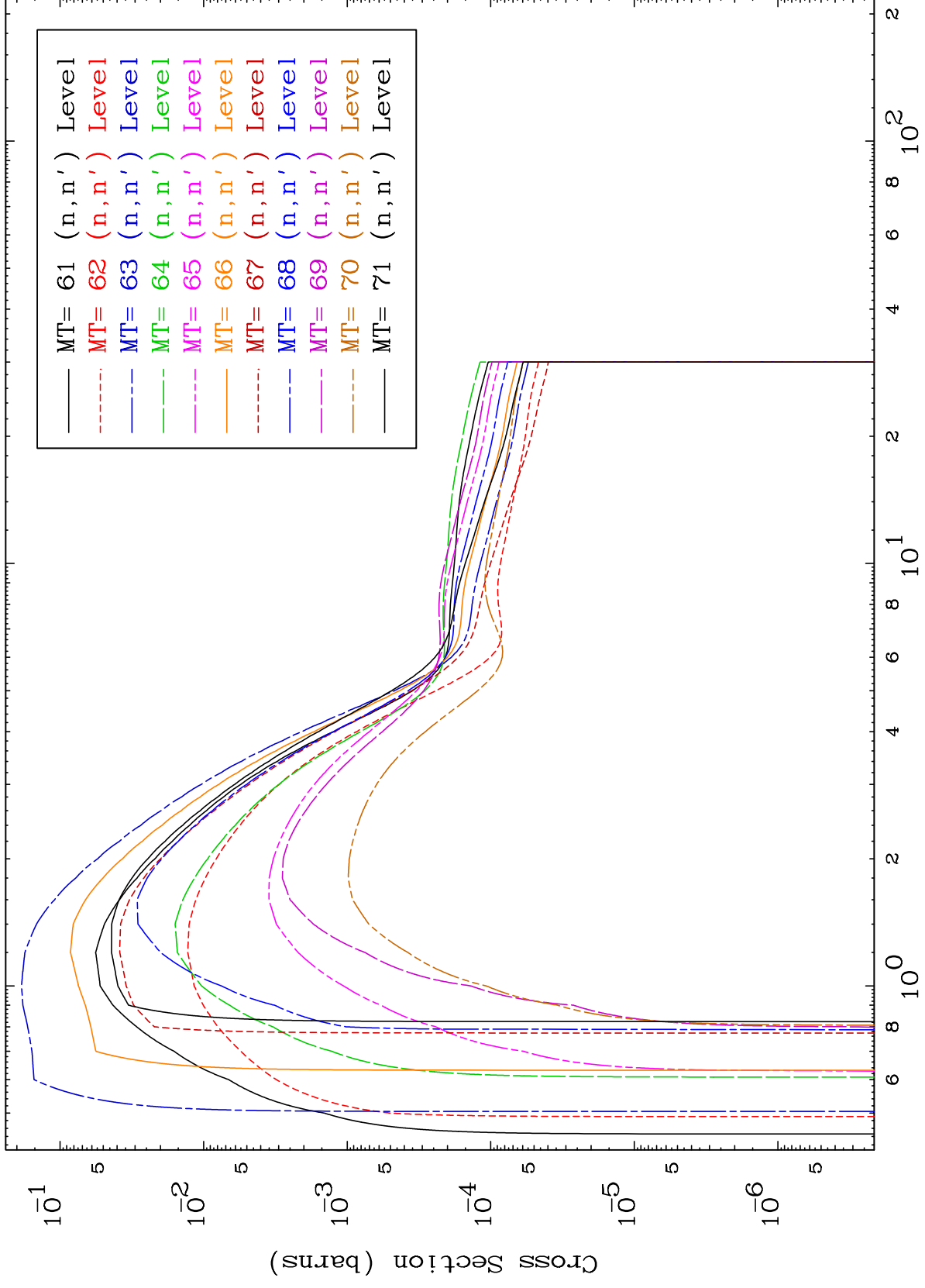


MAT 6337

(n,n') Level

293 Kelvin Cross Sections

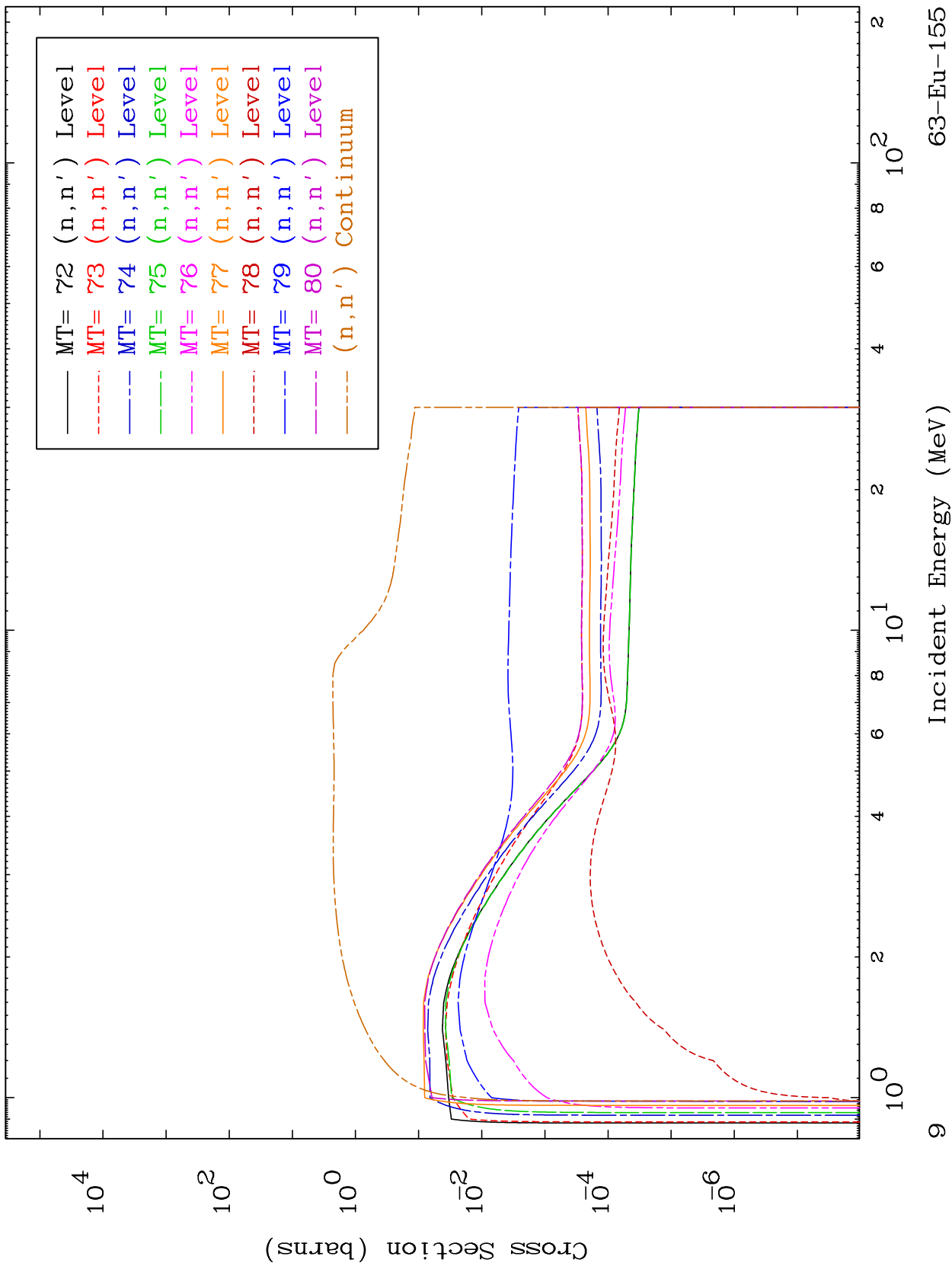
63-Eu-155



8

Incident Energy (MeV)

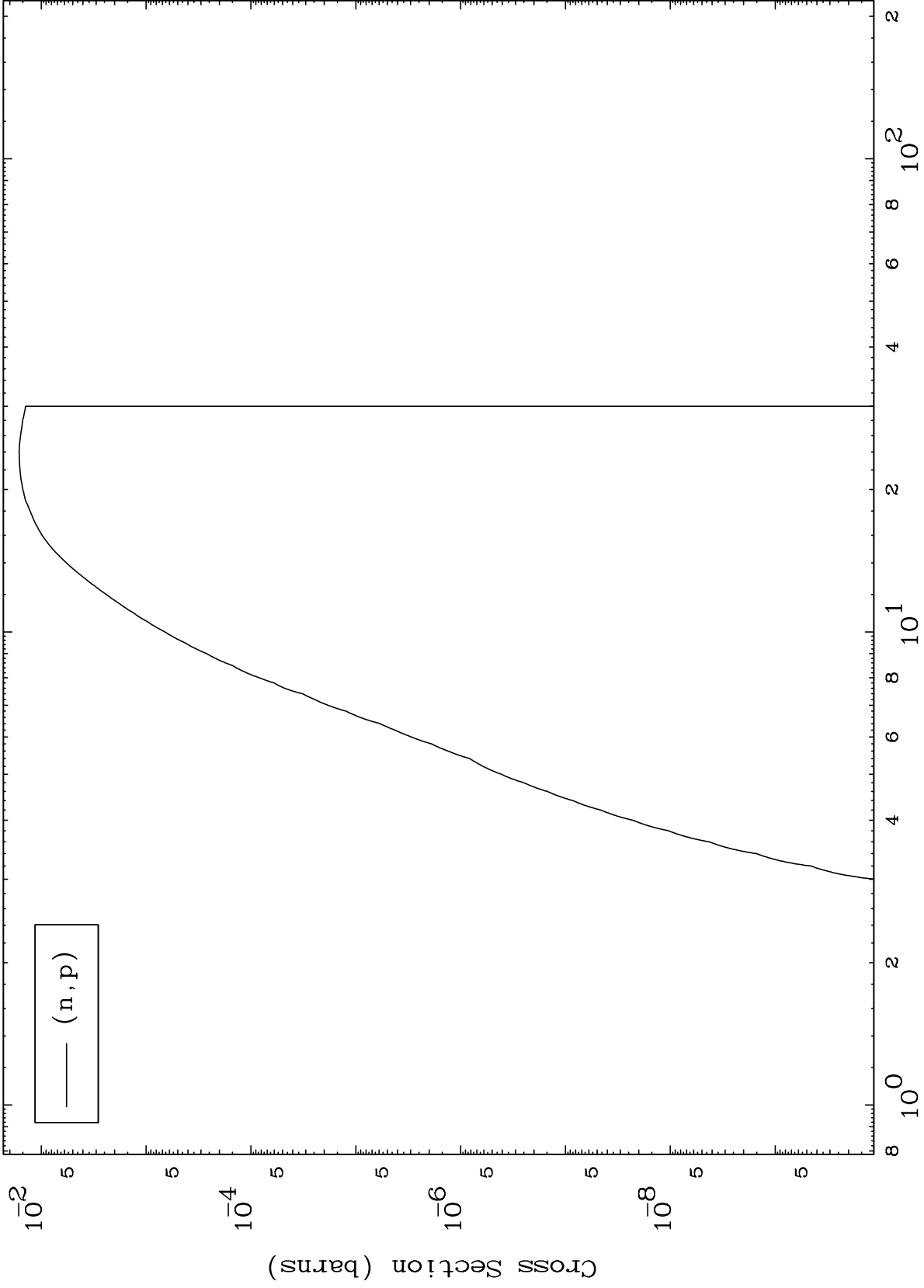
63-Eu-155



MAT 6337

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-155



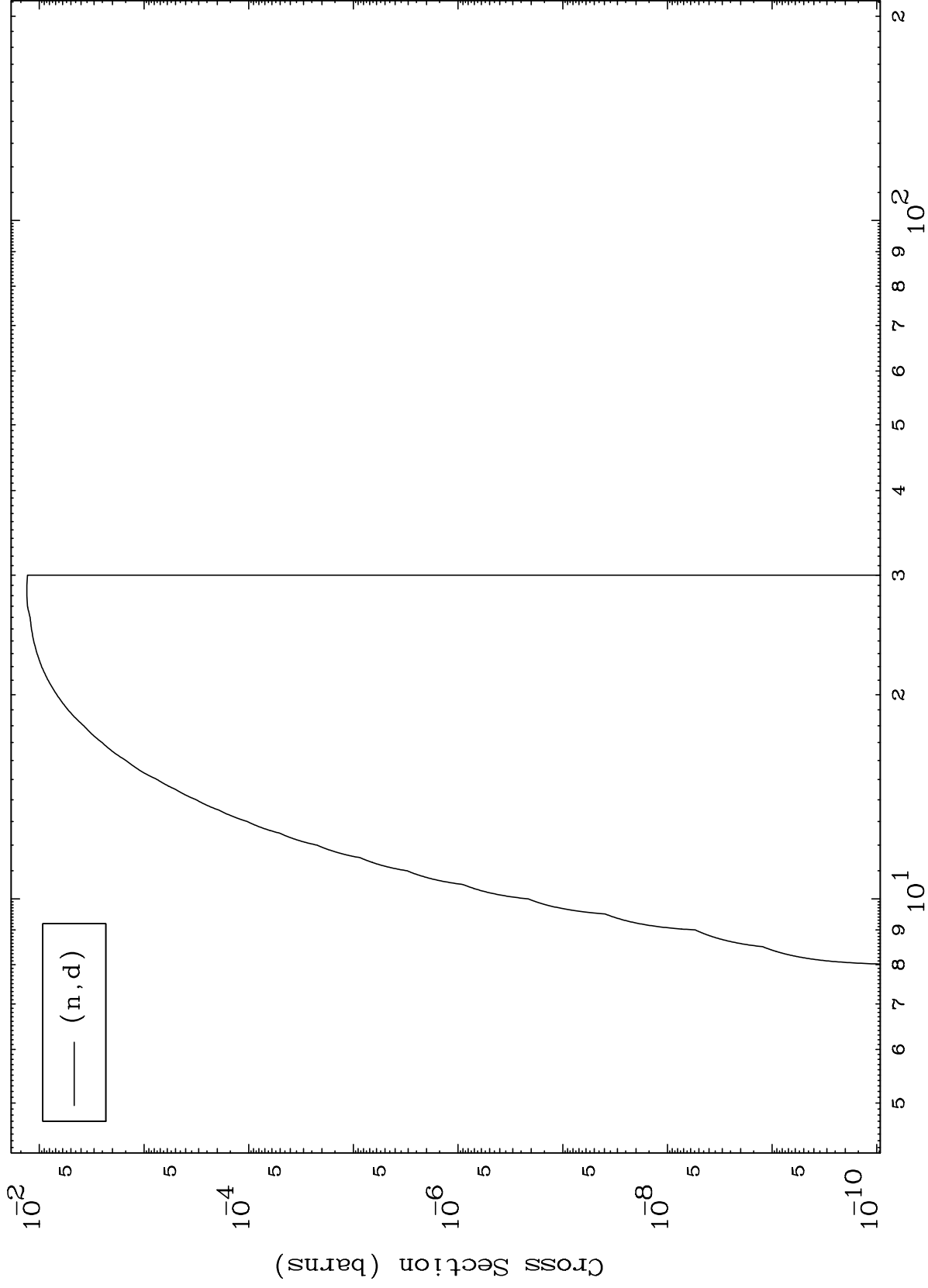
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-155



11

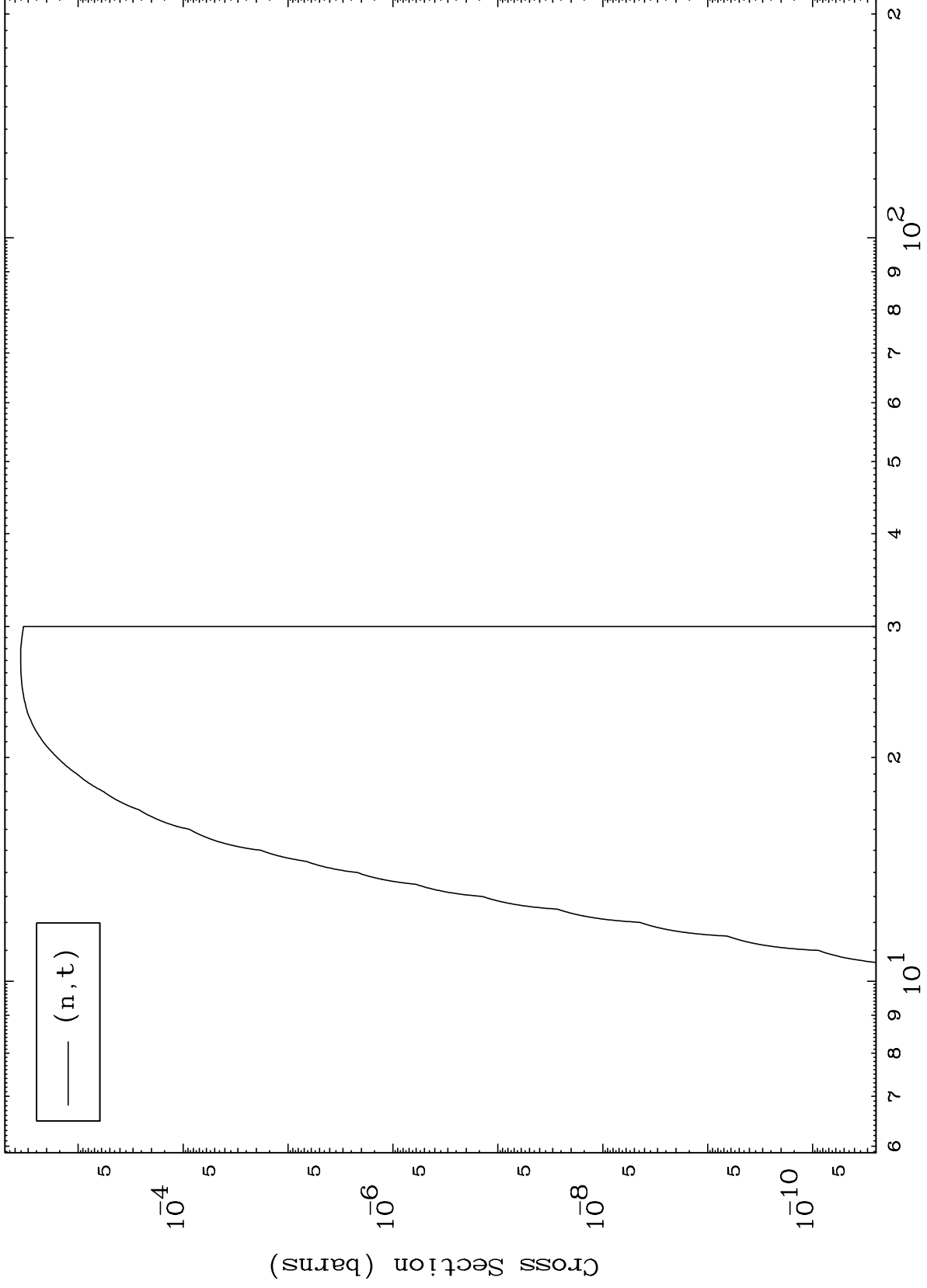
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n, t) Levels  
293 Kelvin Cross Sections

63-Eu-155



12

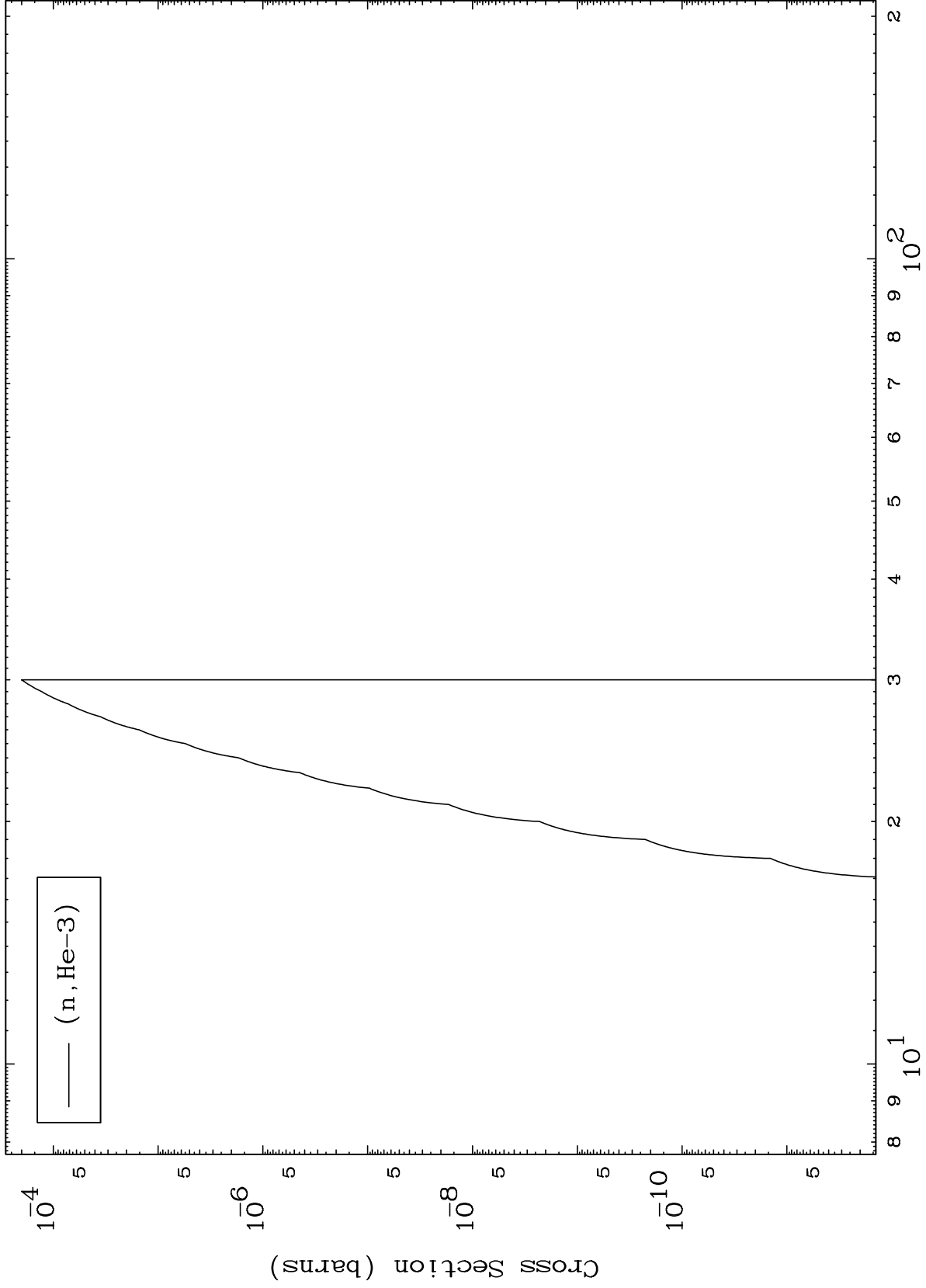
Incident Energy (MeV)

63-Eu-155

MAT 6337

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-155



13

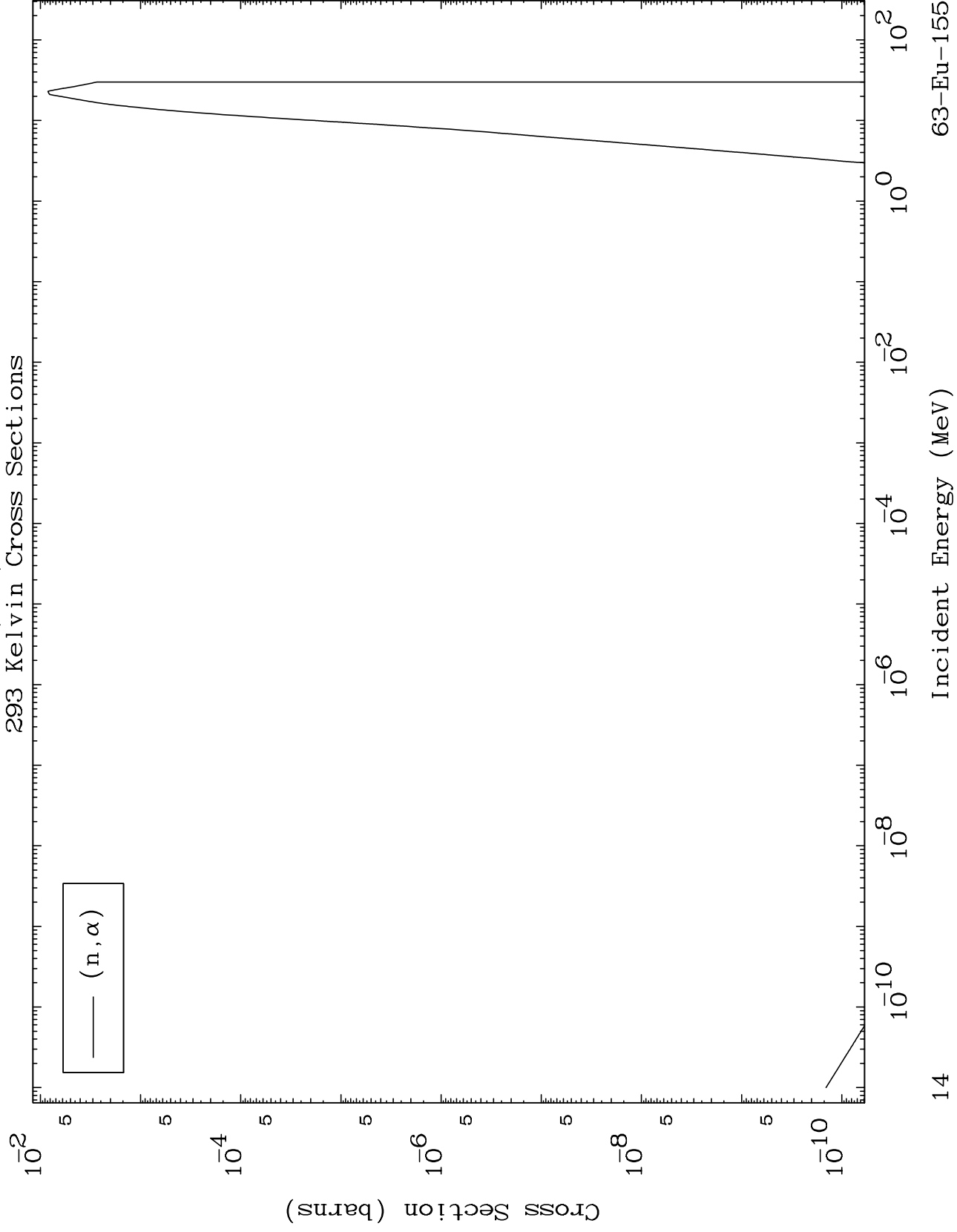
Incident Energy (MeV)

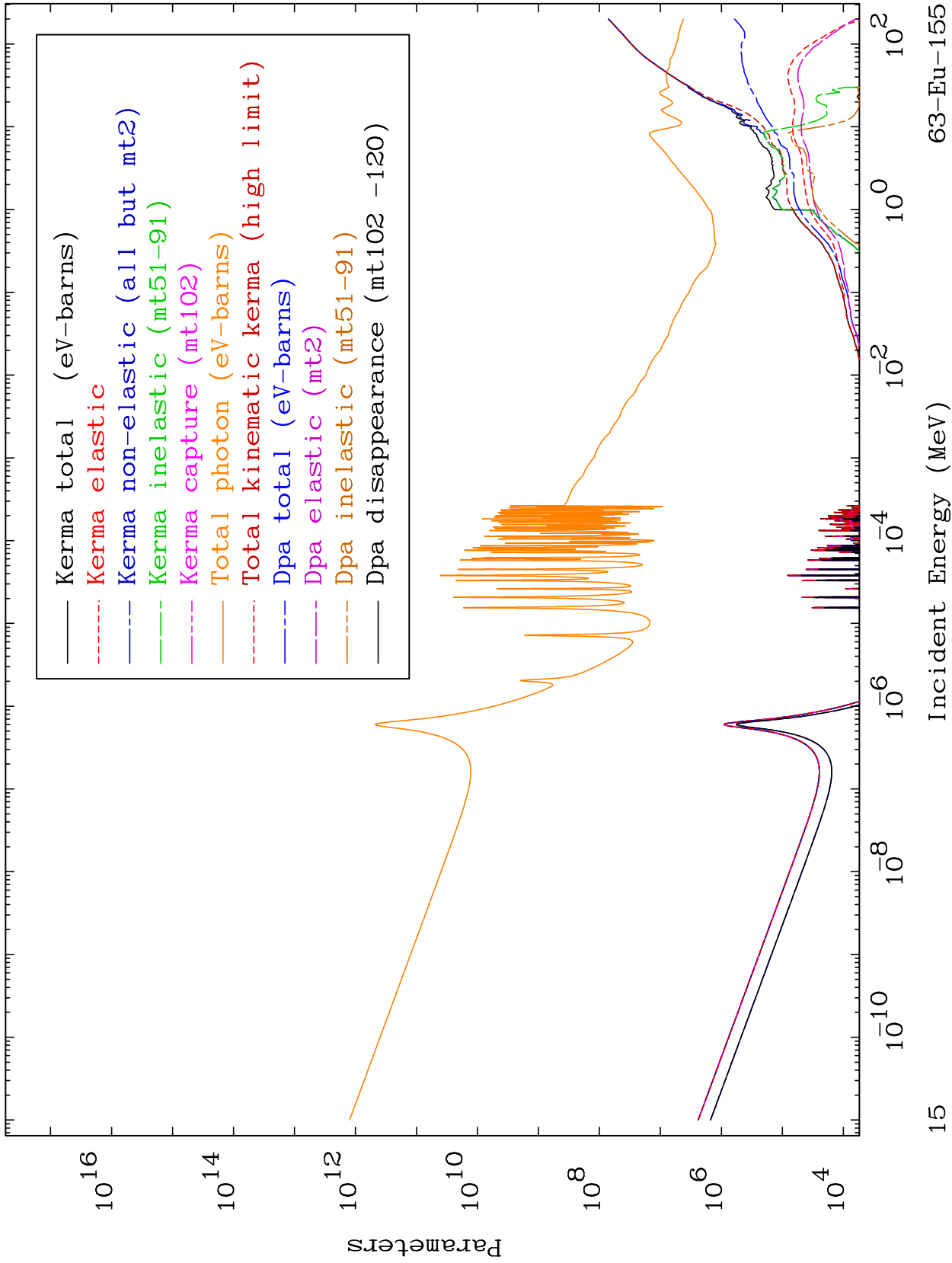
63-Eu-155

MAT 6337

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

63-Eu-155



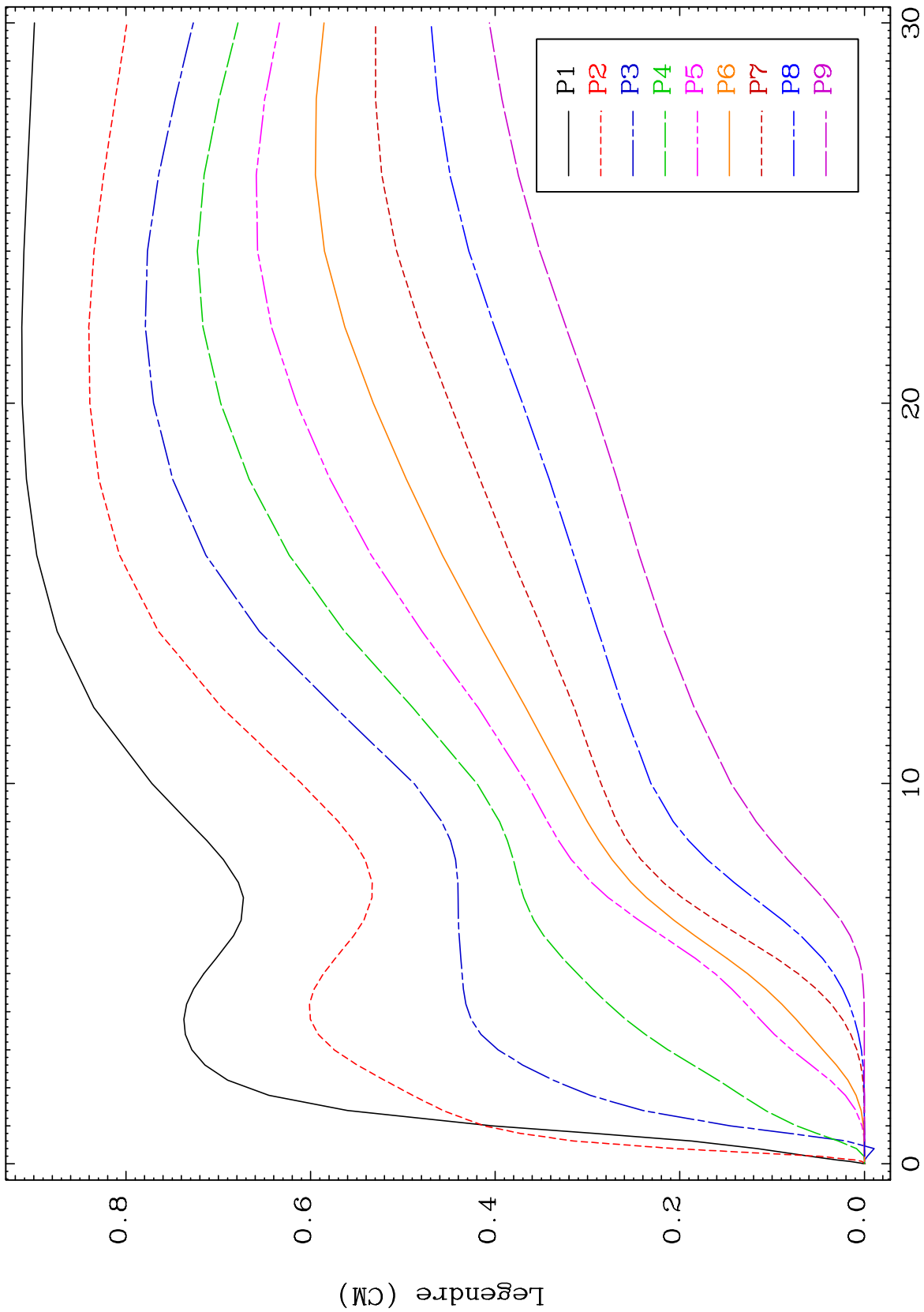




MAT 6337

Elastic Legendre Coefficients

63-Eu-155



16

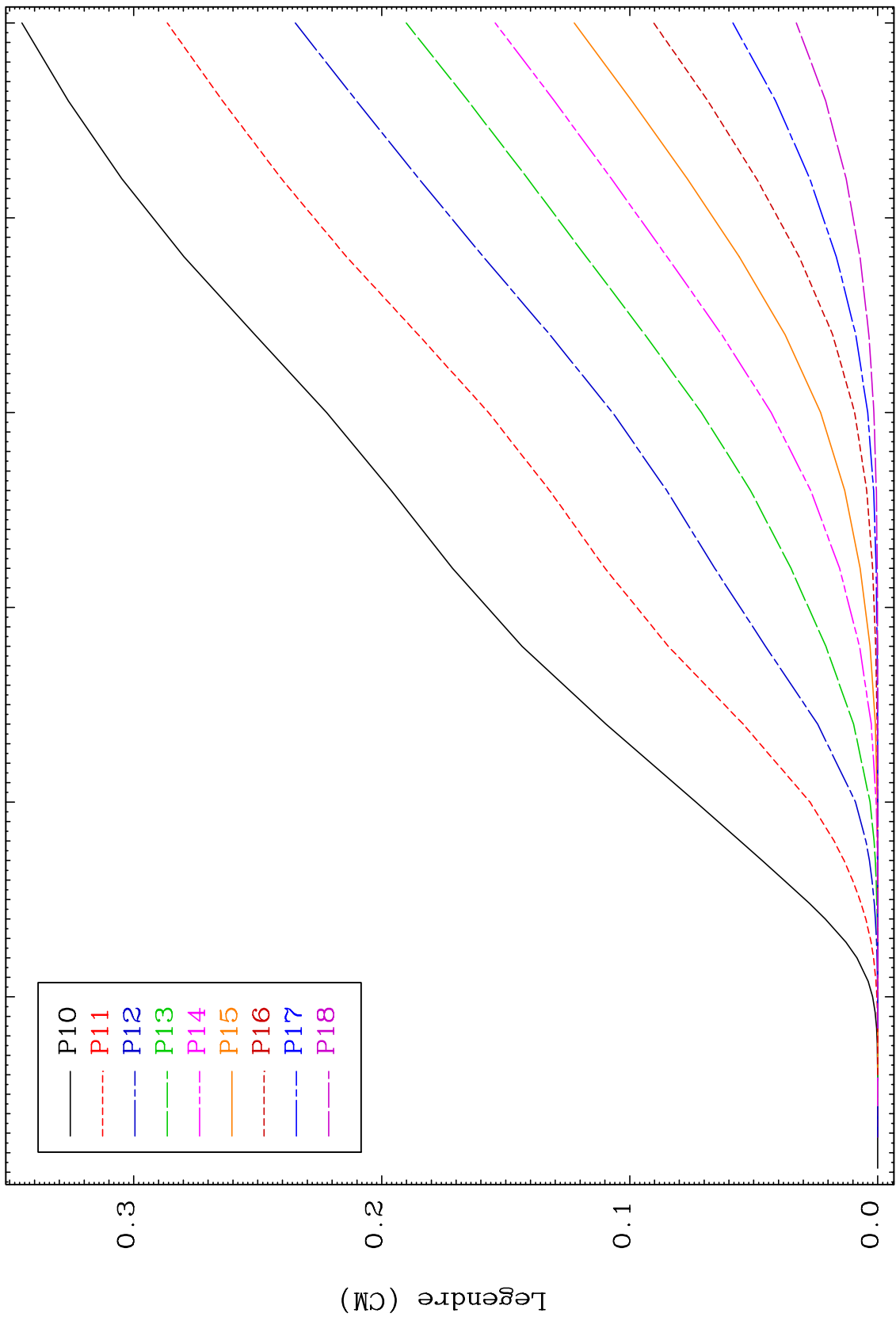
Incident Energy (MeV)

63-Eu-155

MAT 6337

Elastic Legendre Coefficients

<sup>63</sup>-Eu-155



17

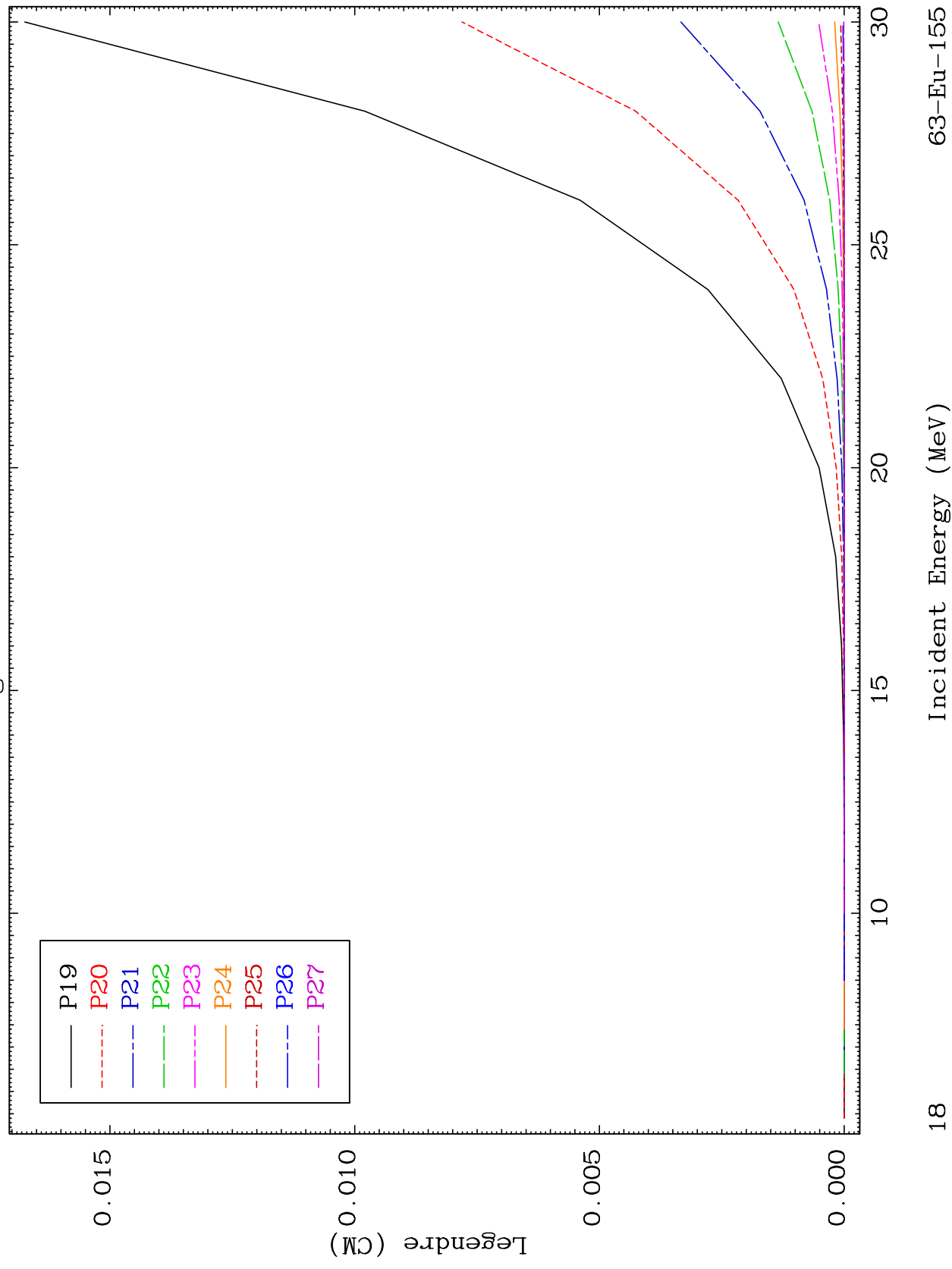
<sup>63</sup>-Eu-155

Incident Energy (MeV)

MAT 6337

### Elastic Legendre Coefficients

<sup>63</sup>-Eu-155



18

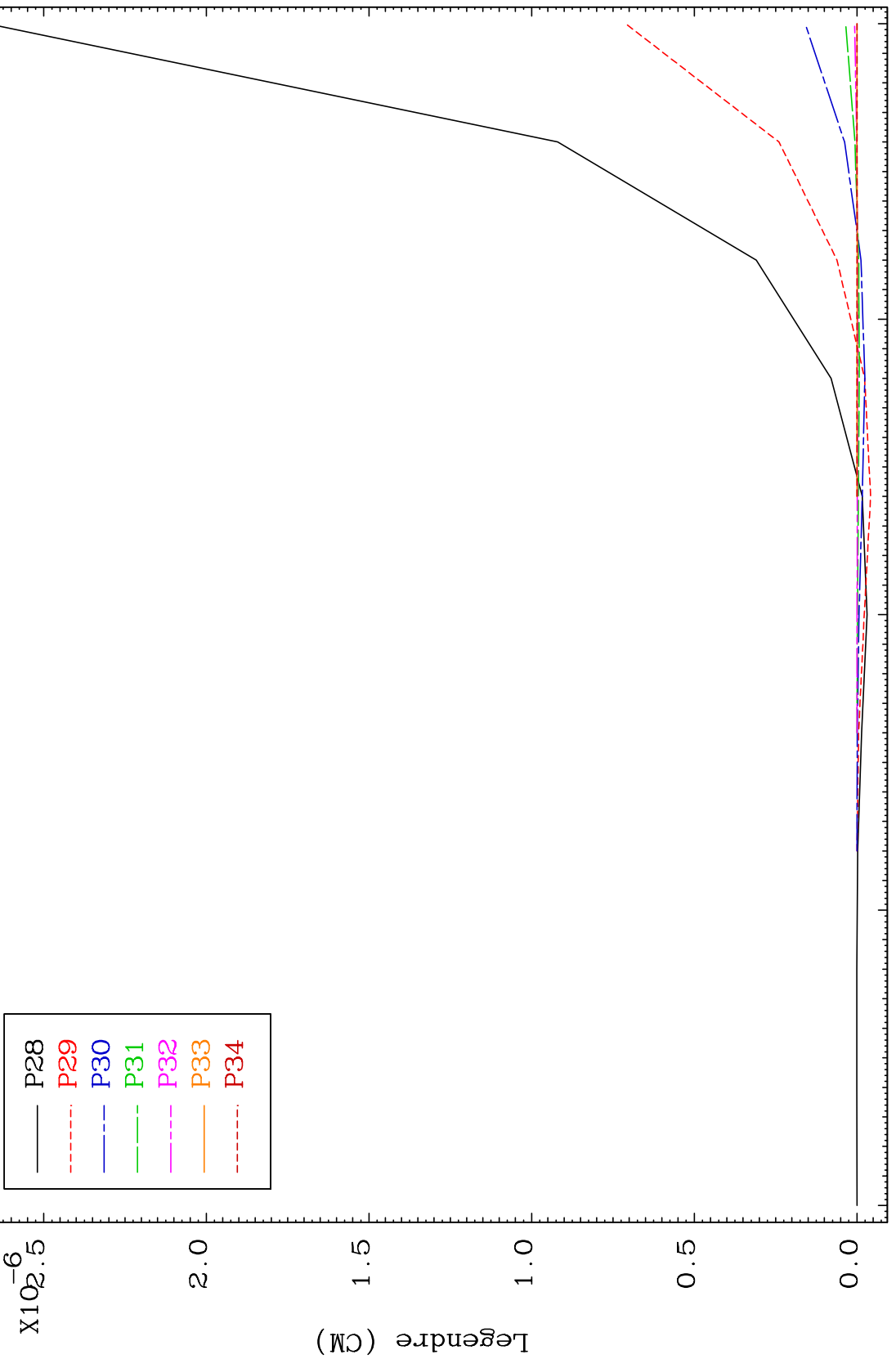
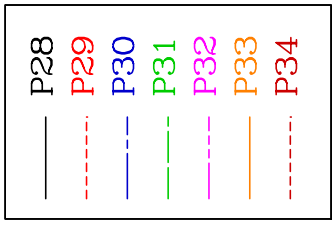
Incident Energy (MeV)

<sup>63</sup>-Eu-155

MAT 6337

Elastic Legendre Coefficients

63-Eu-155



19

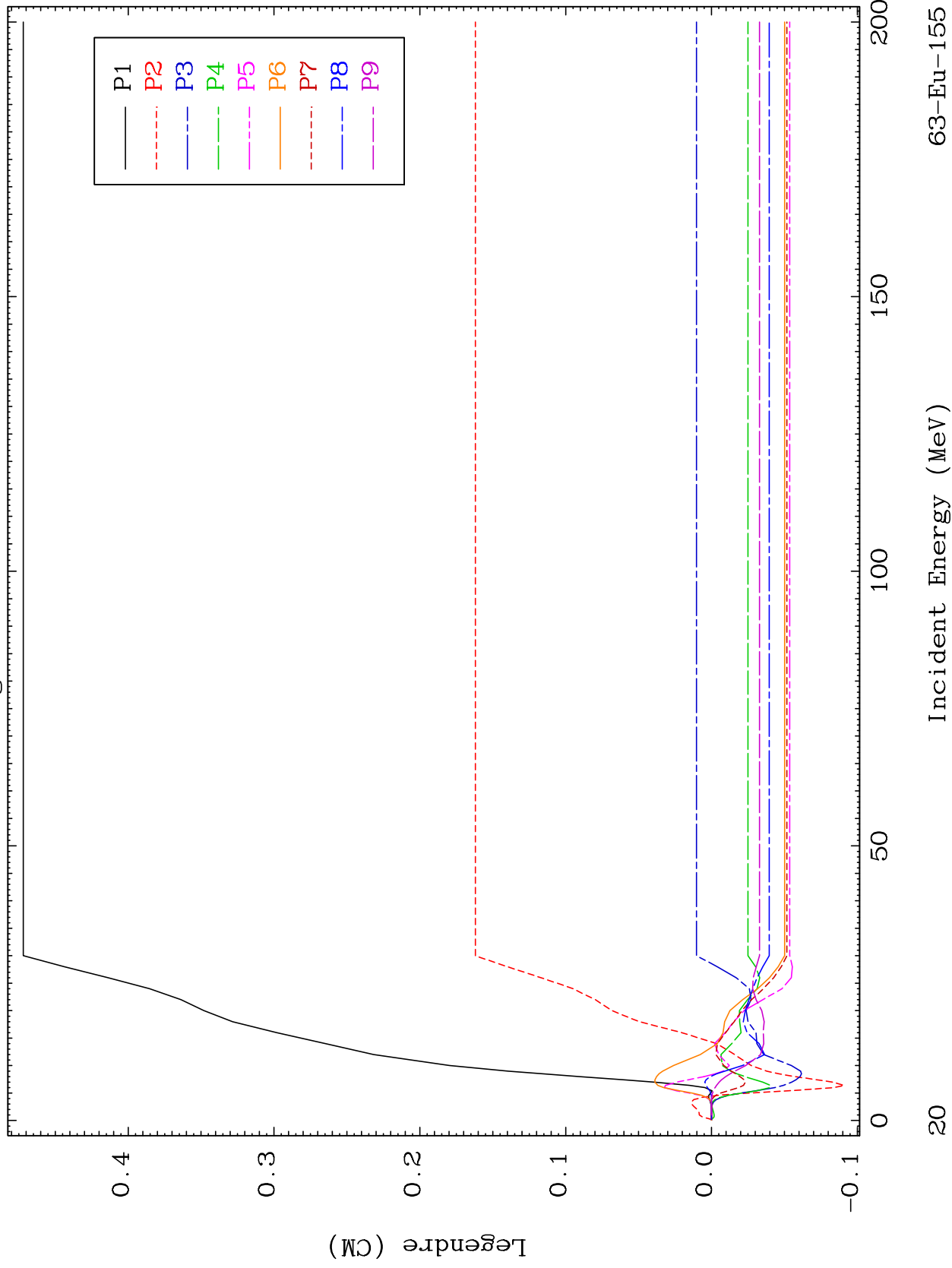
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155

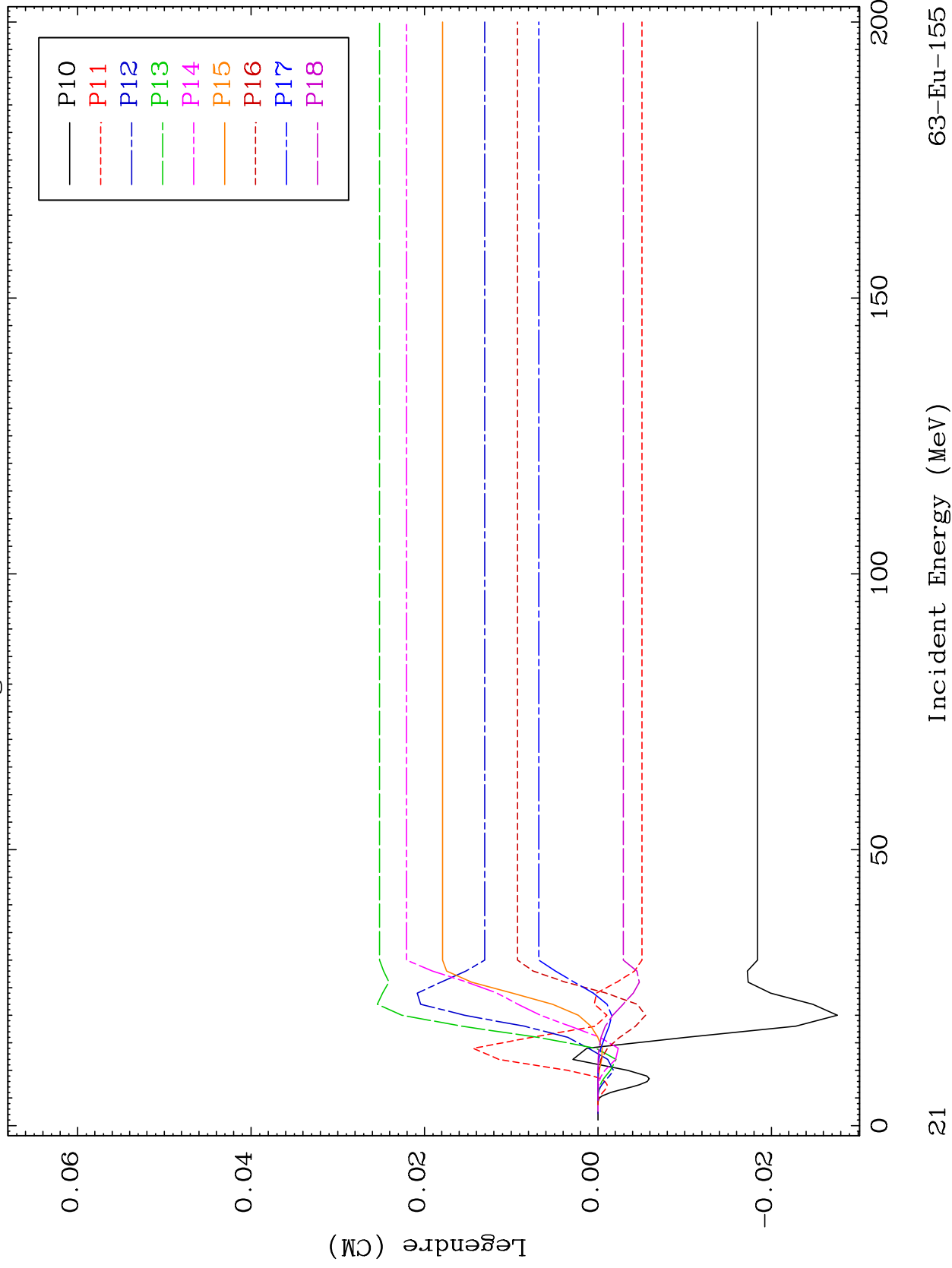


63-Eu-155

MAT 6337

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

63-Eu-155



21

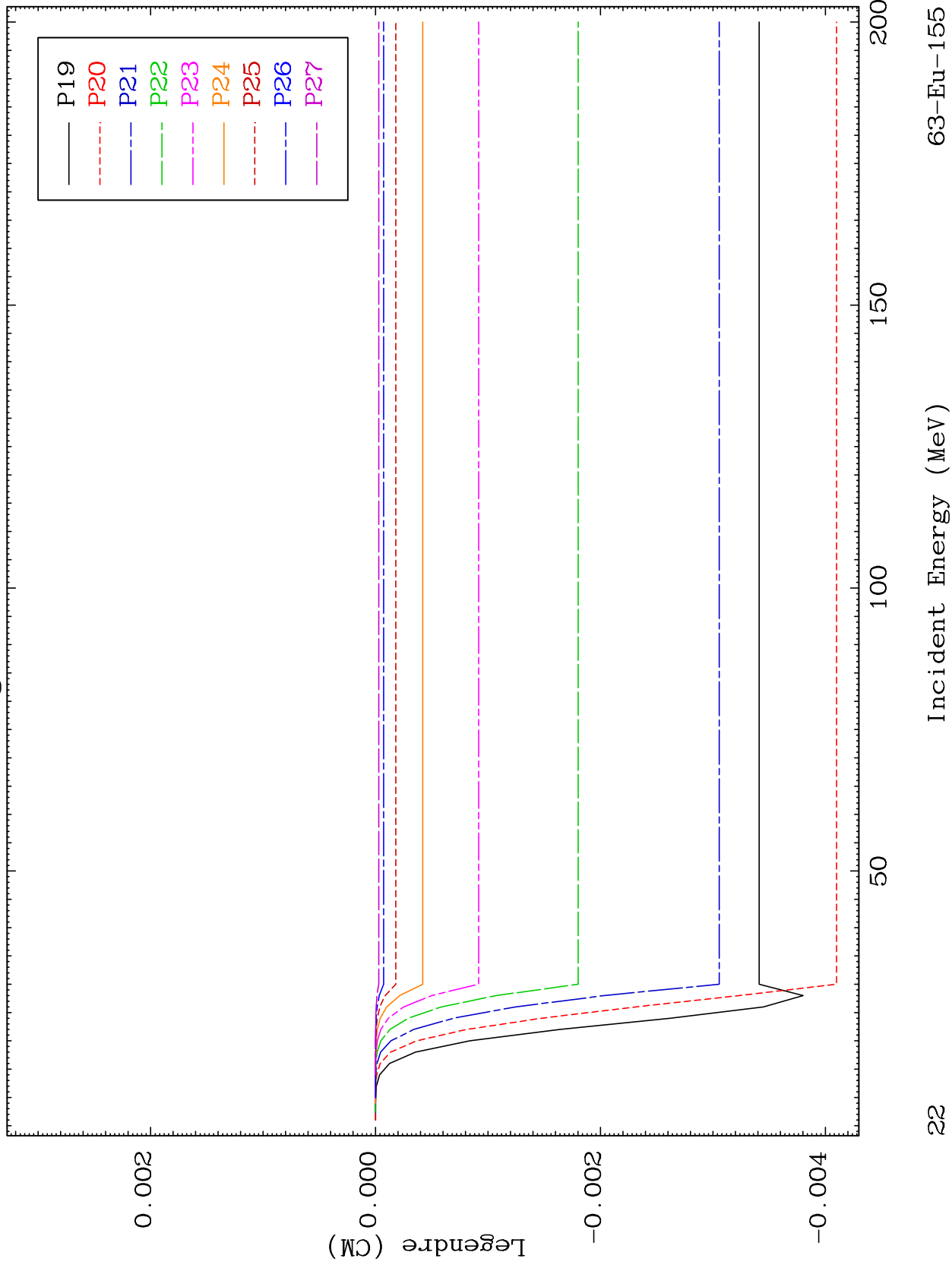
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

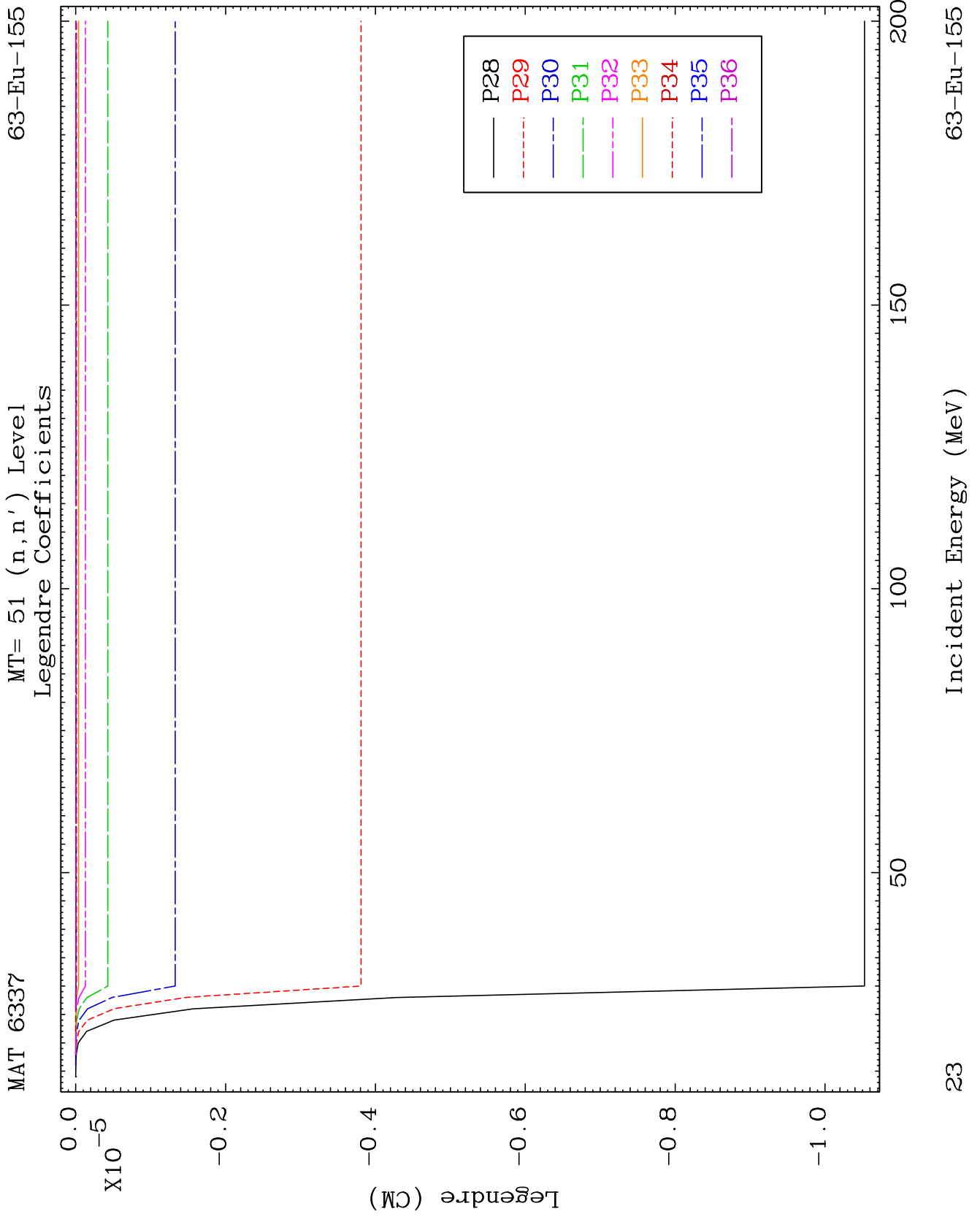
63-Eu-155



22

Incident Energy (MeV)

63-Eu-155

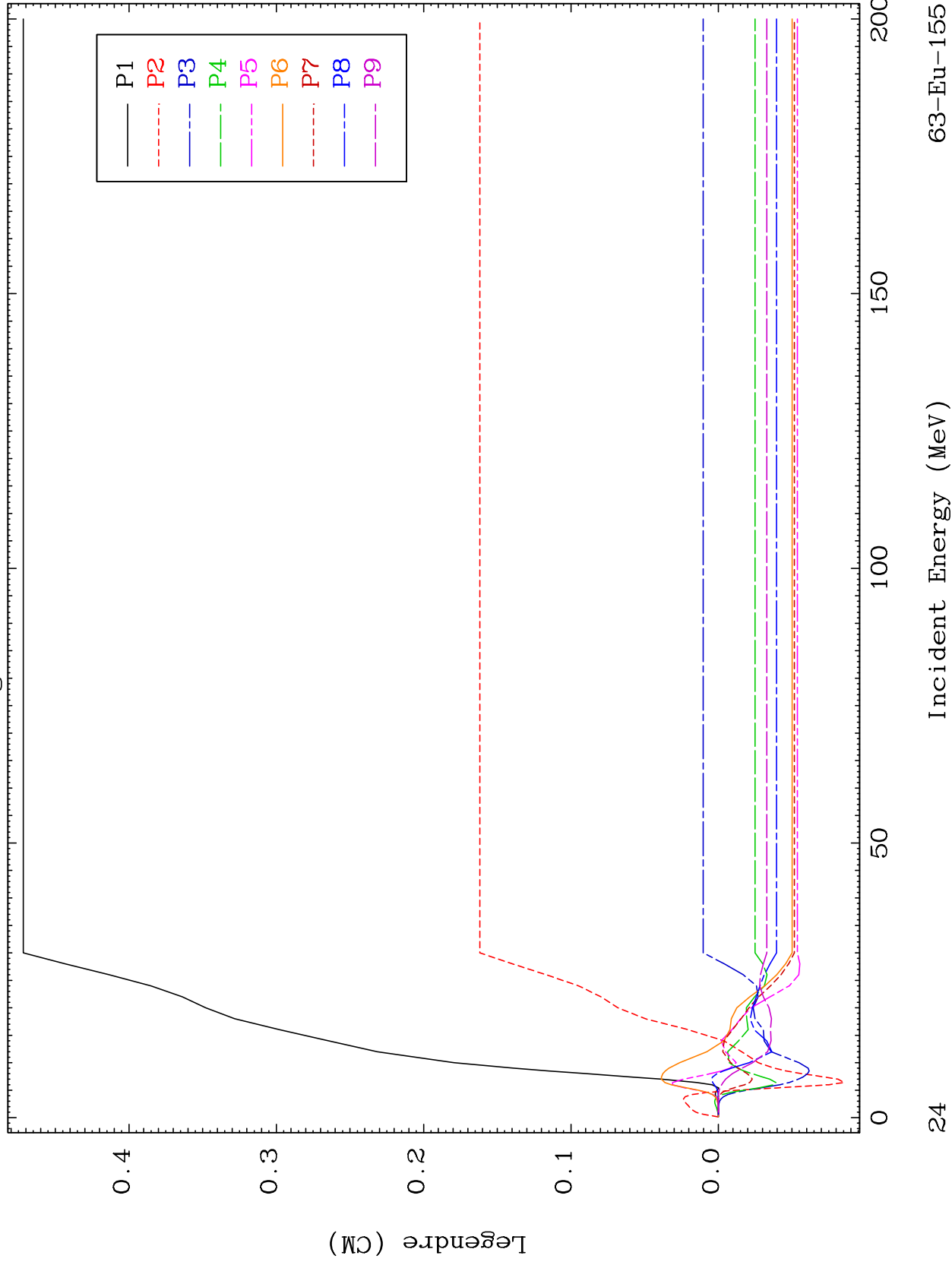




MAT 6337

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

63-Eu-155



63-Eu-155

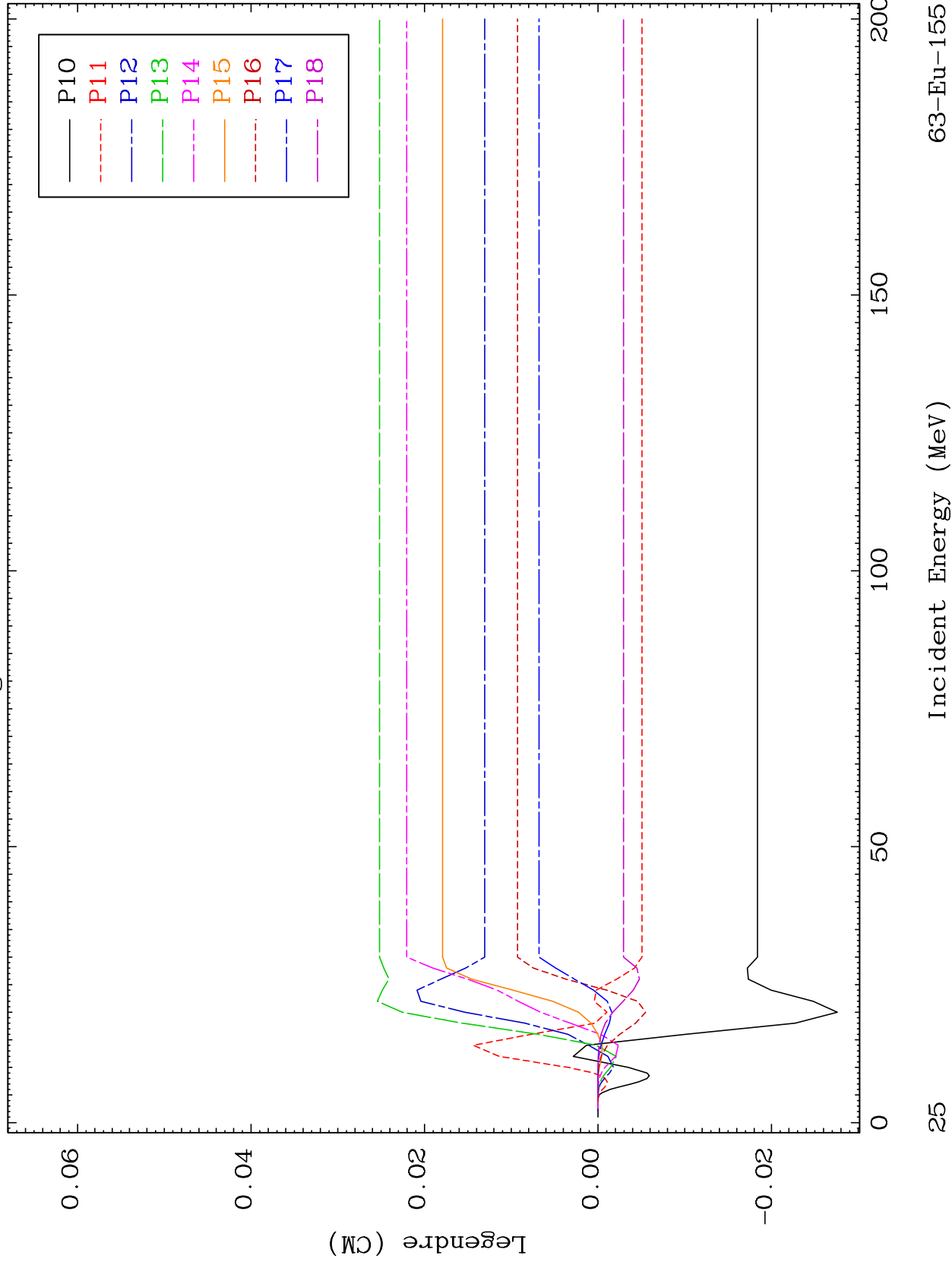
Incident Energy (MeV)

24

MAT 6337

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

63-Eu-155



63-Eu-155

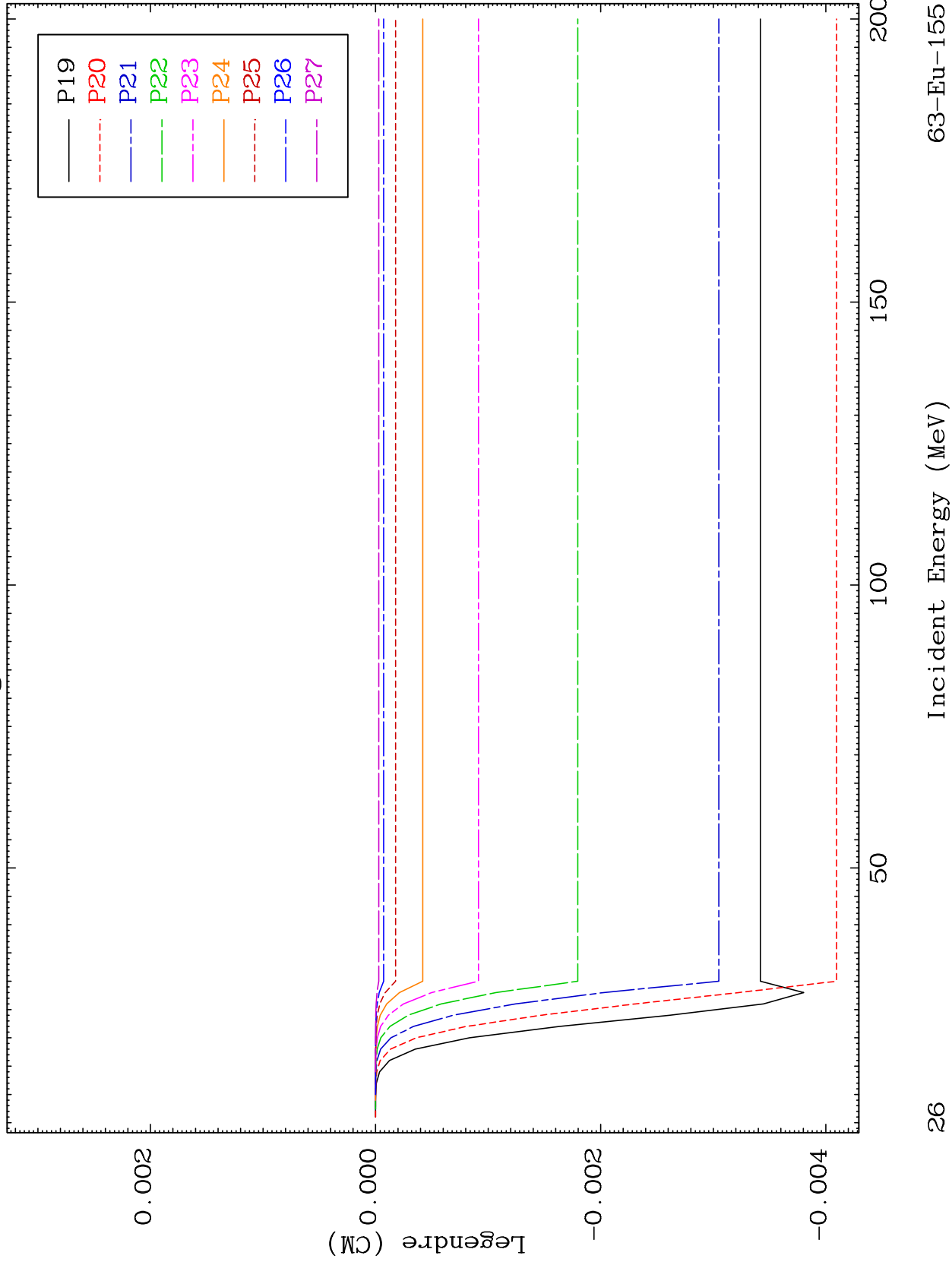
Incident Energy (MeV)

25

MAT 6337

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

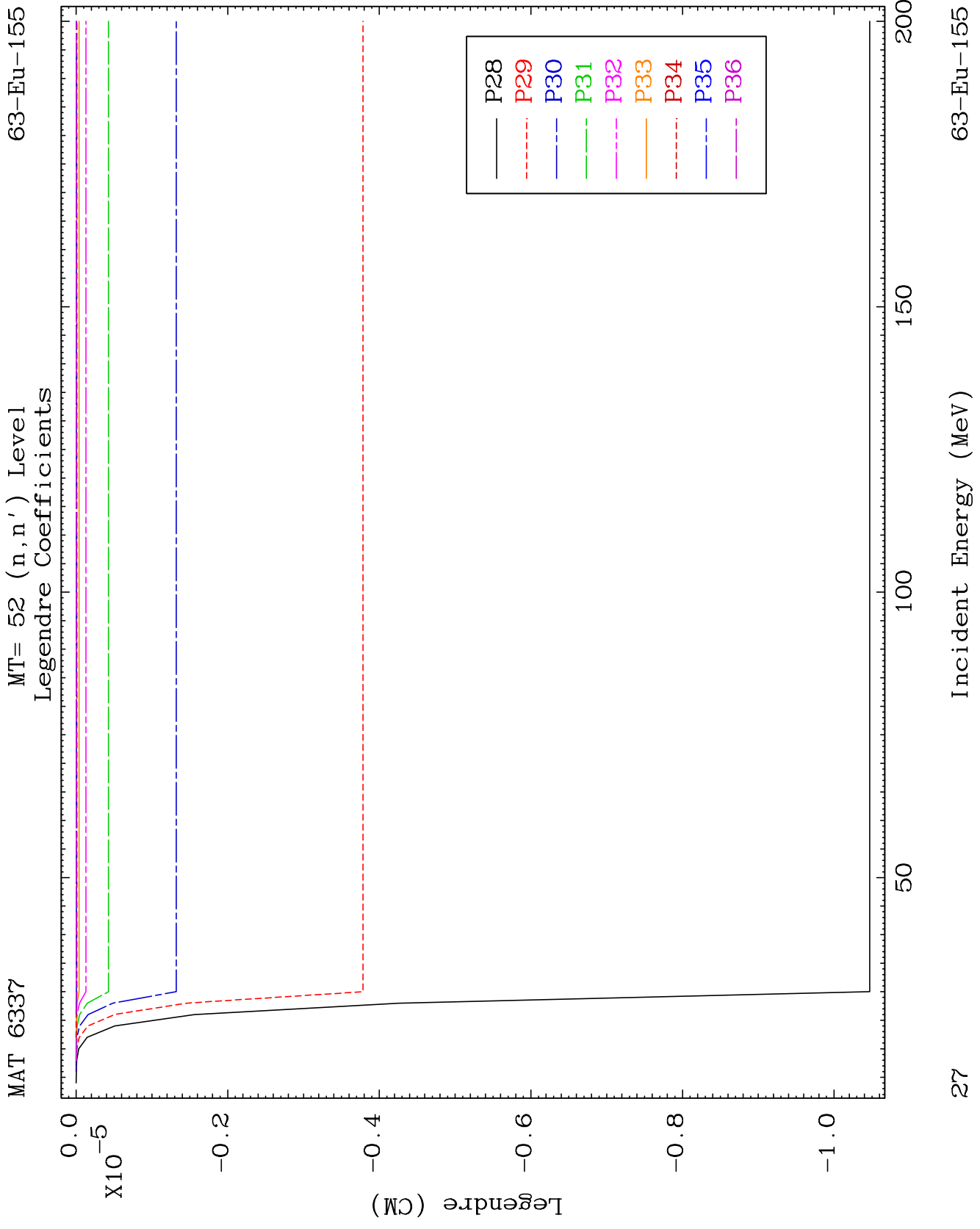
63-Eu-155



26

Incident Energy (MeV)

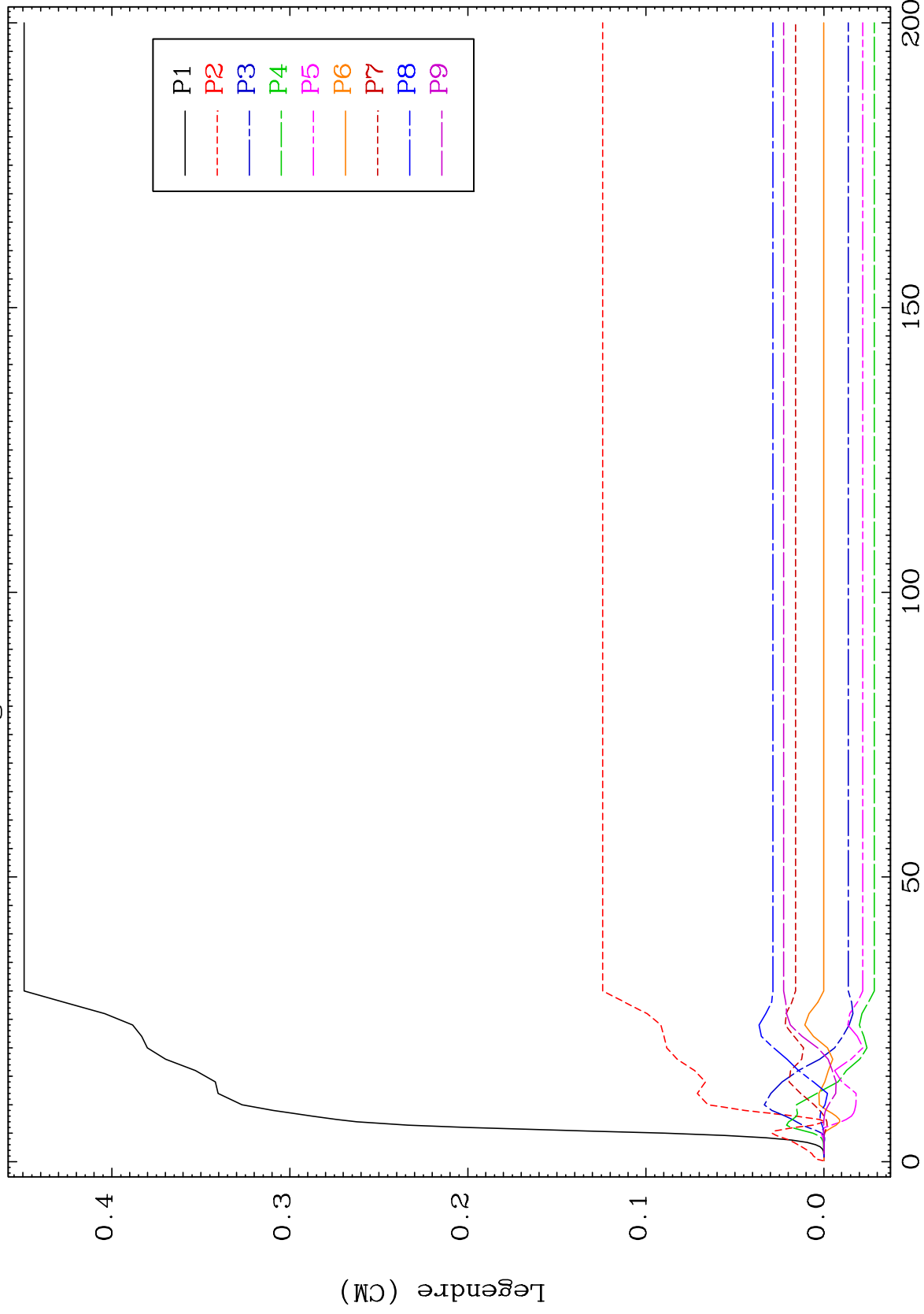
63-Eu-155



MAT 6337

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

63-Eu-155



28

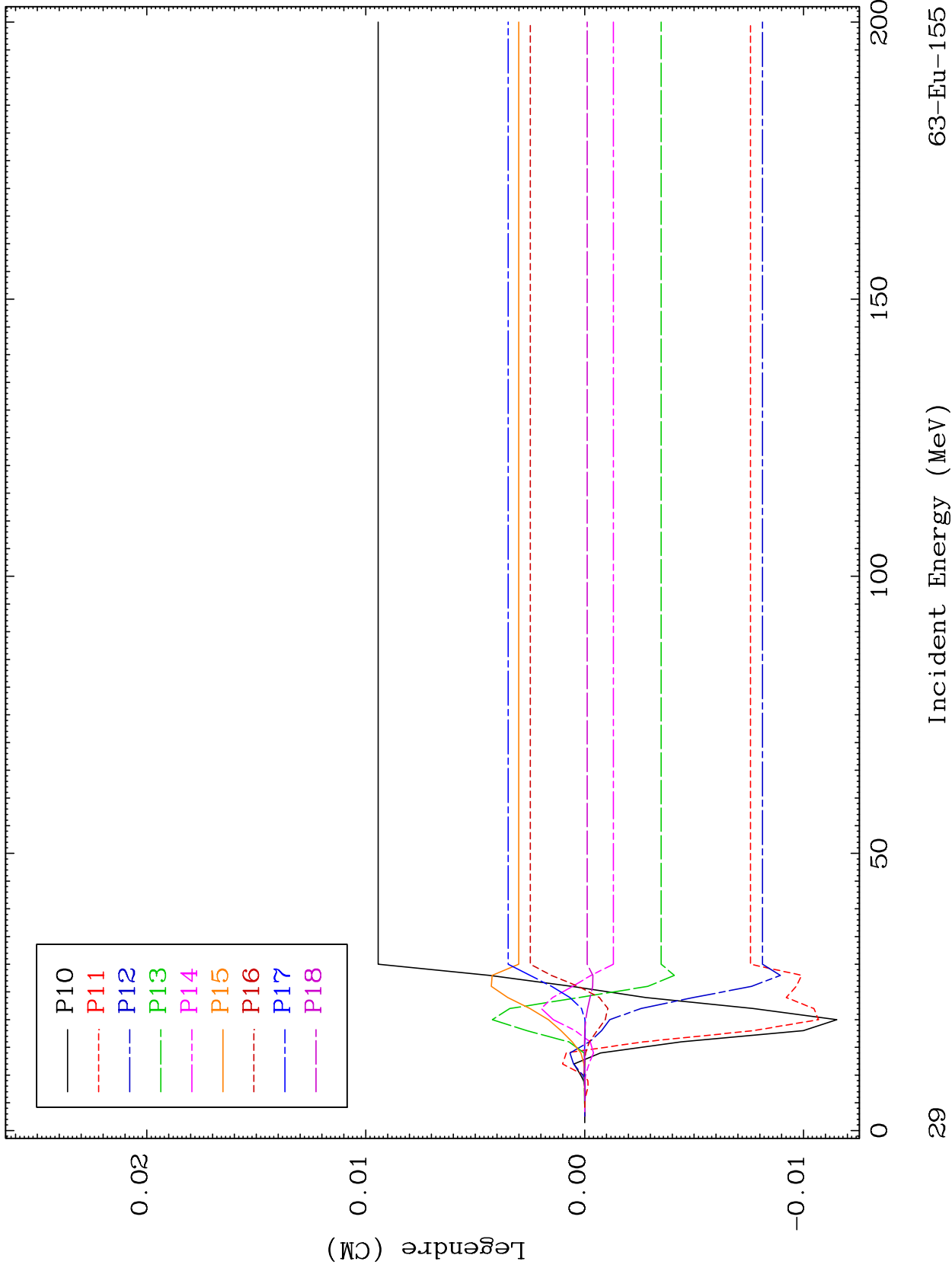
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



29

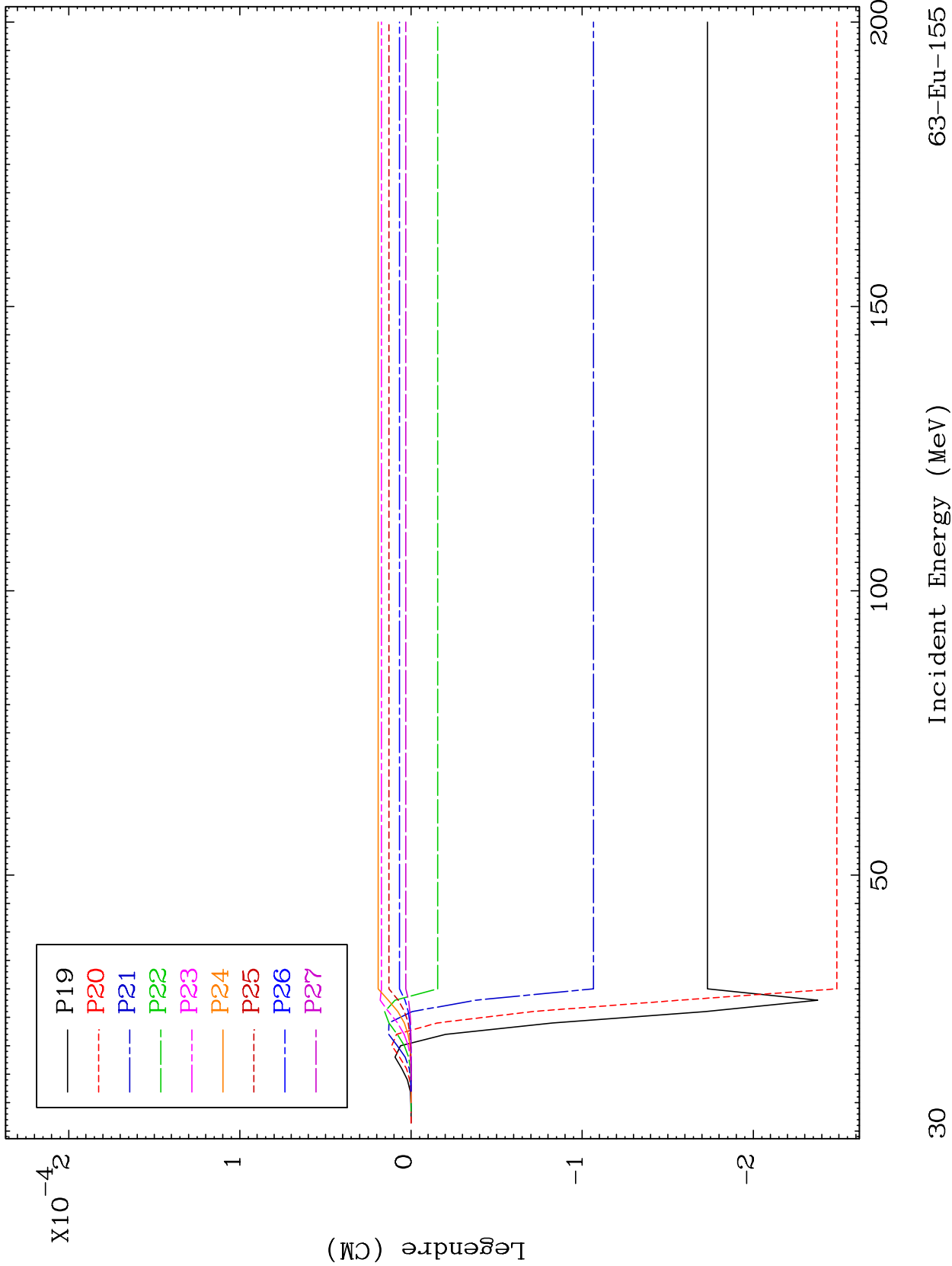
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



30

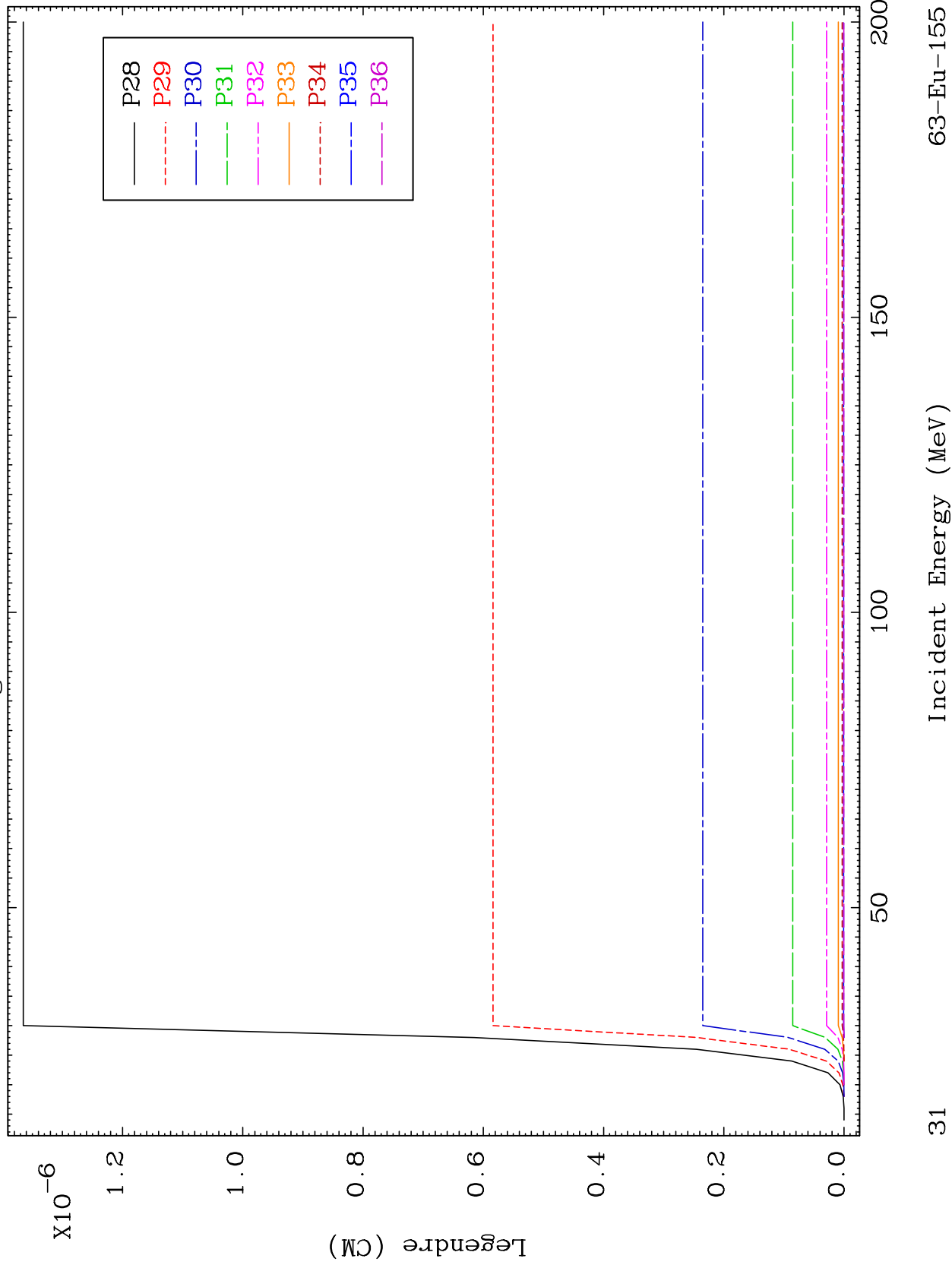
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155

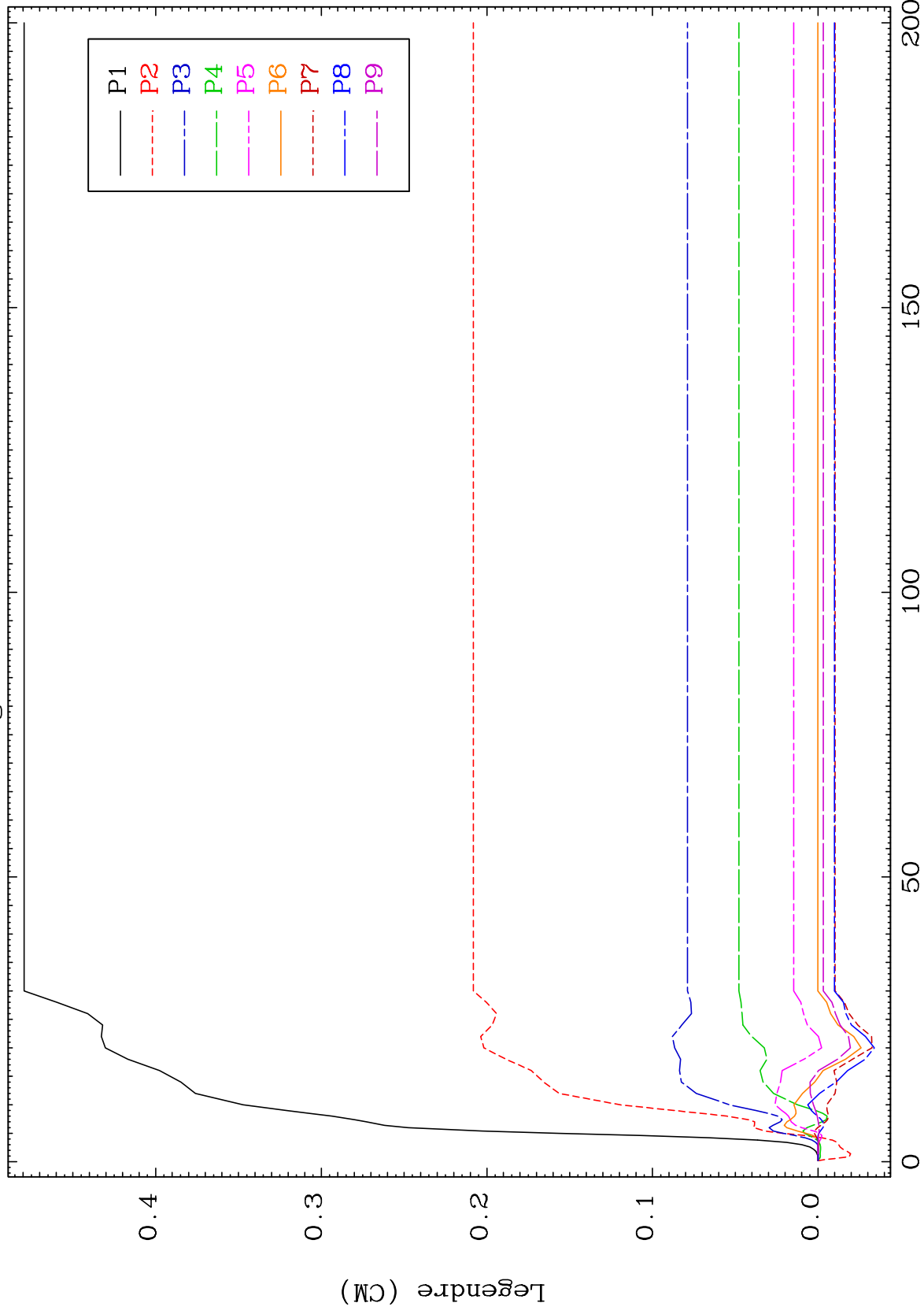




MAT 6337

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

63-Eu-155



32

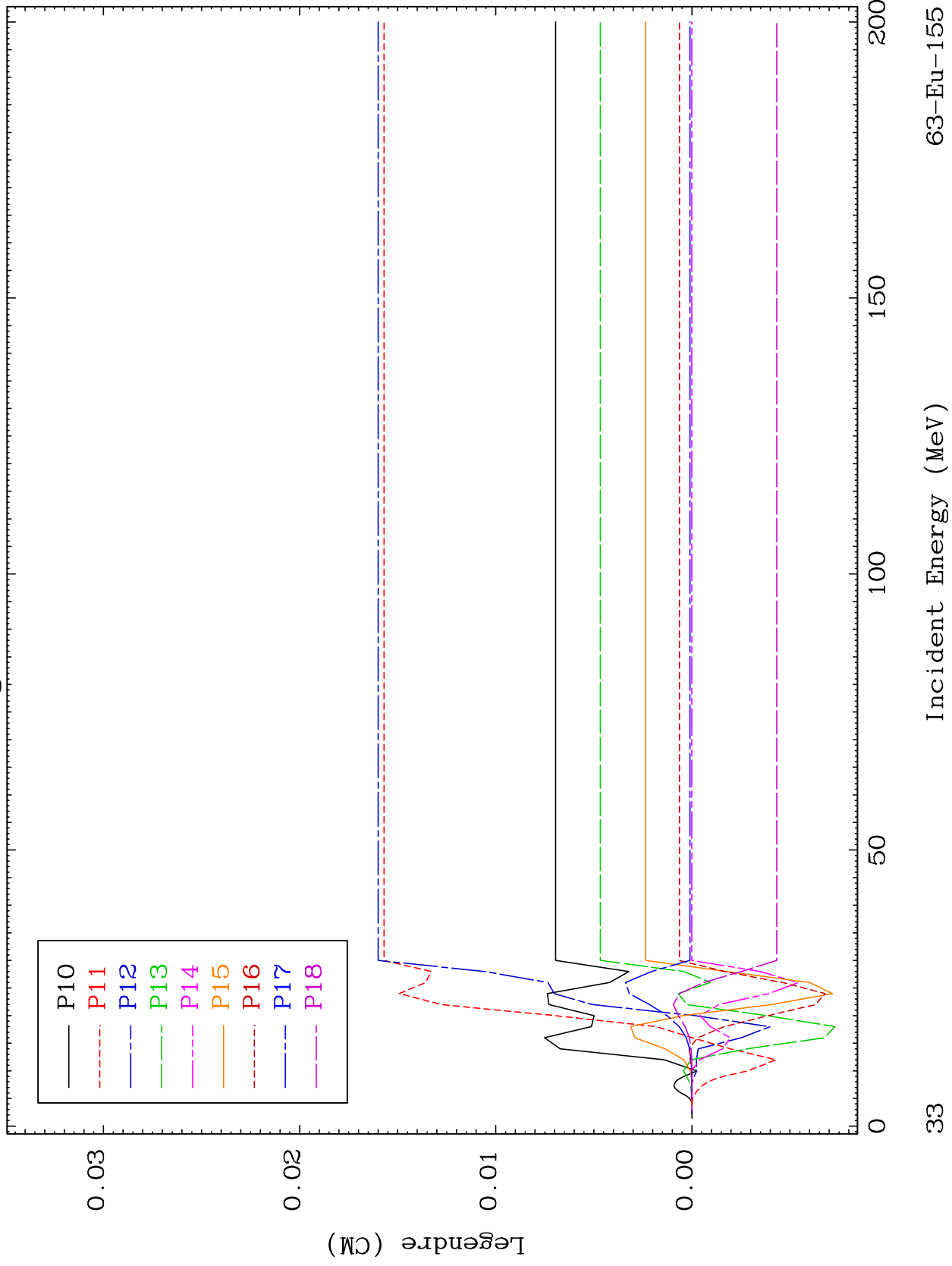
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



63-Eu-155

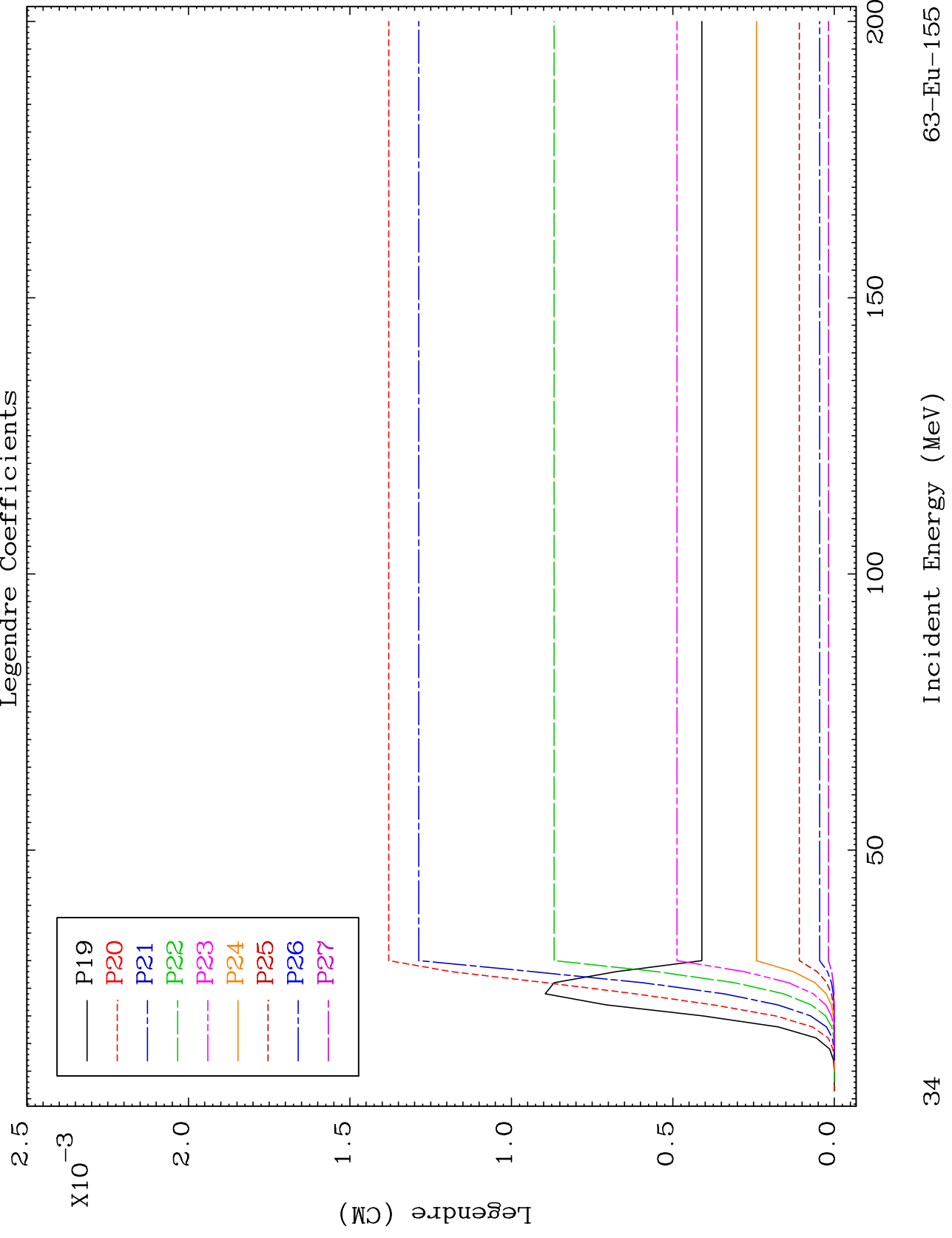
Incident Energy (MeV)

33

MAT 6337

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

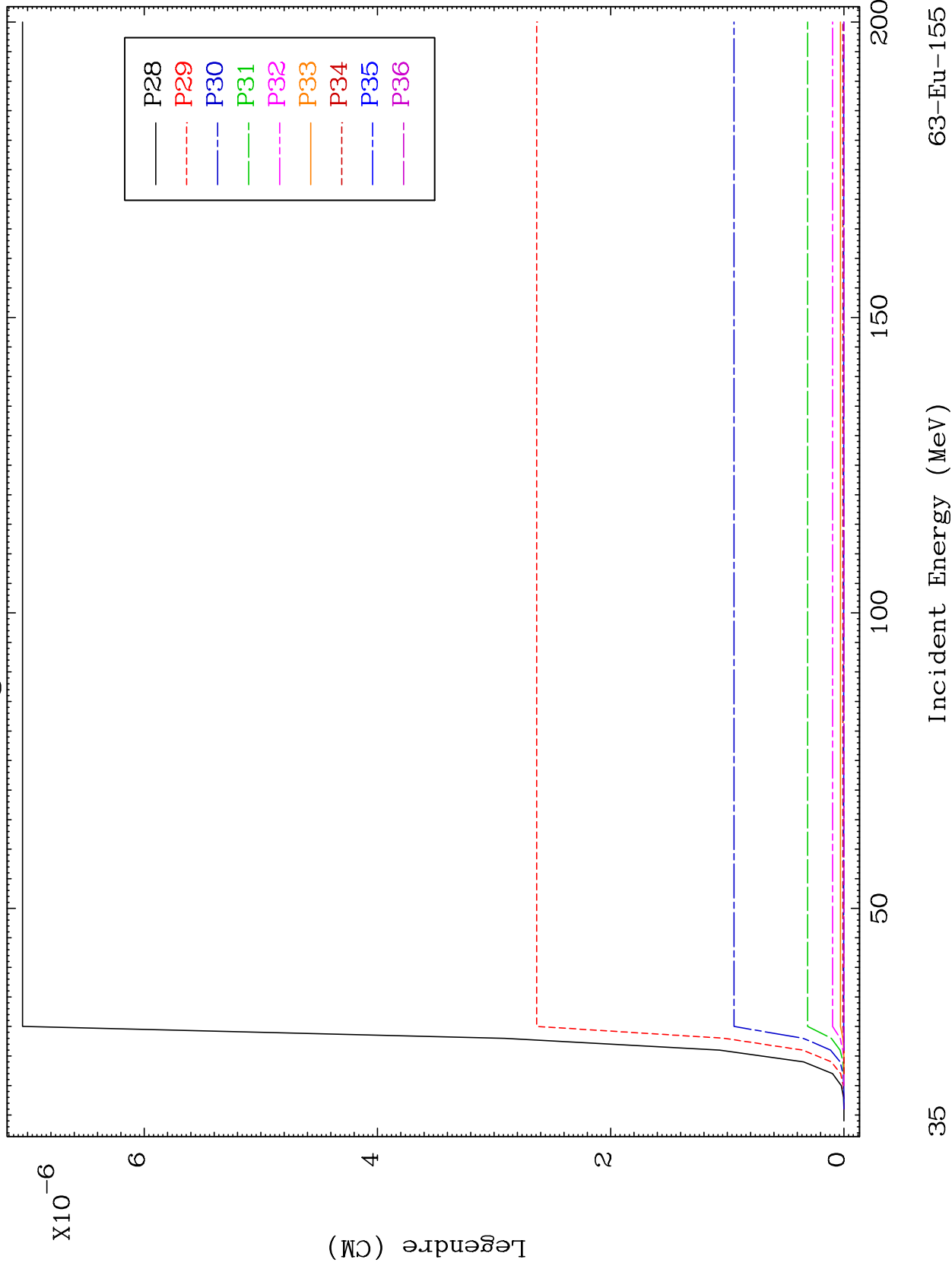
63-Eu-155



MAT 6337

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

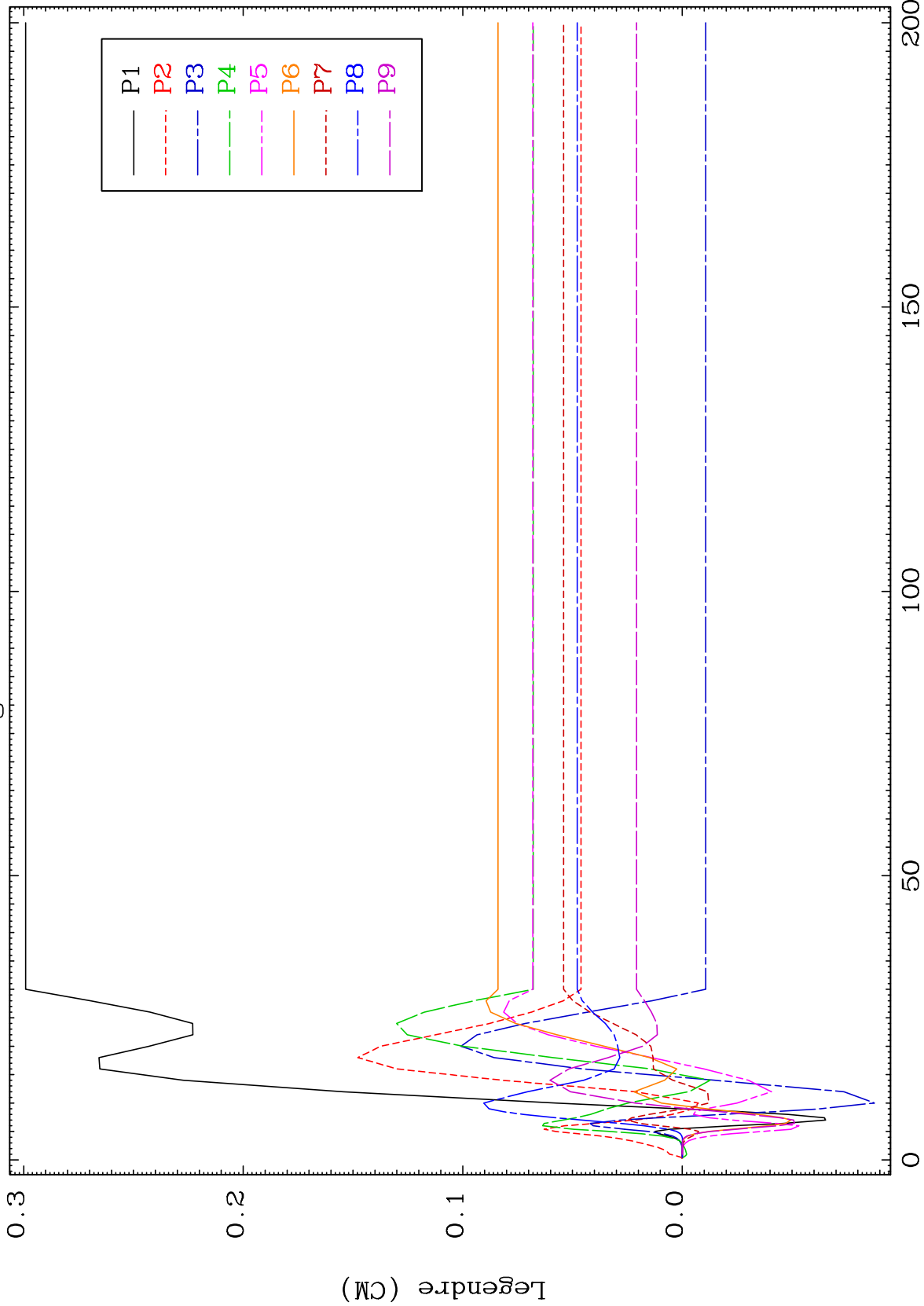
63-Eu-155



MAT 6337

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

63-Eu-155



36

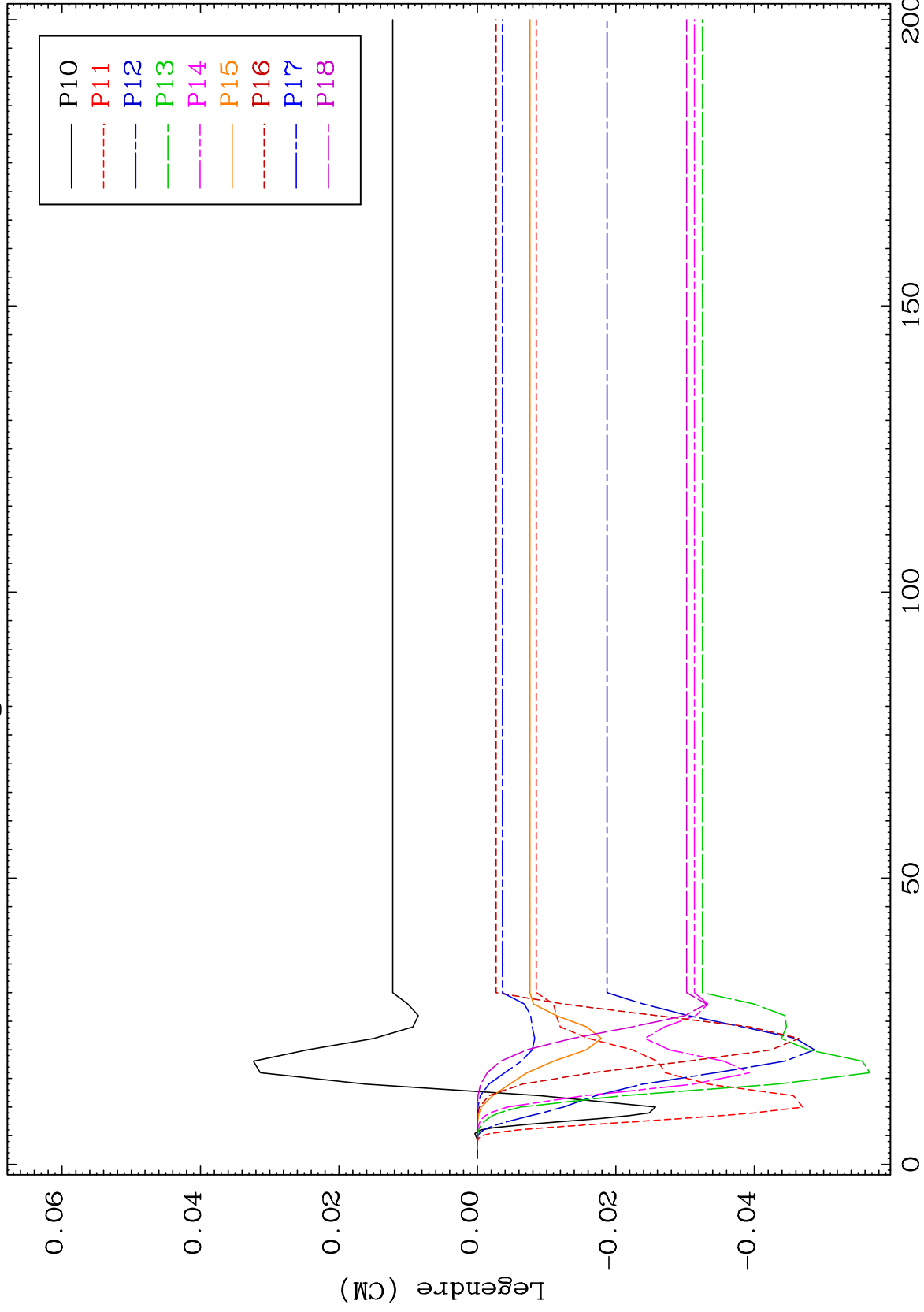
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



37

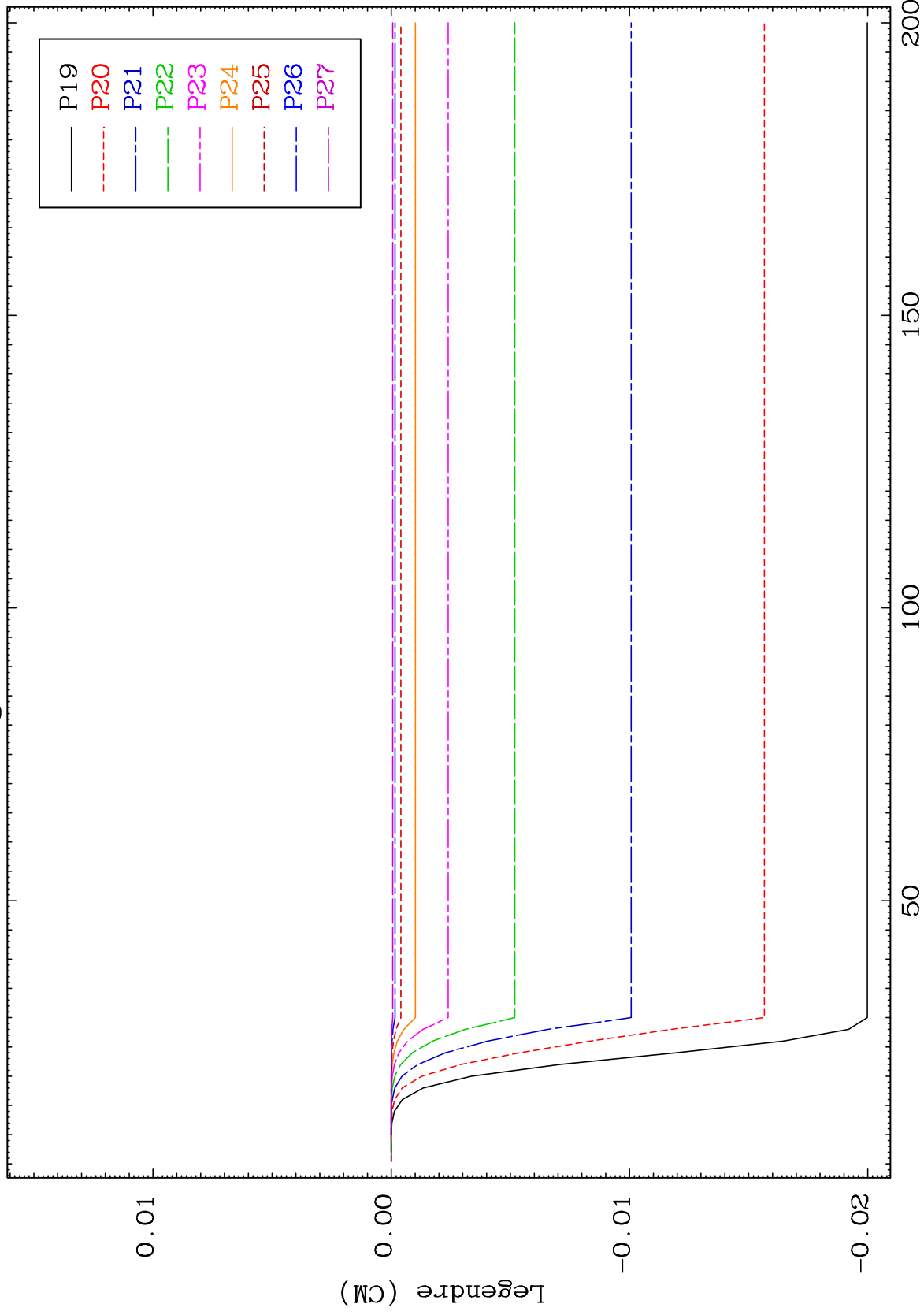
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

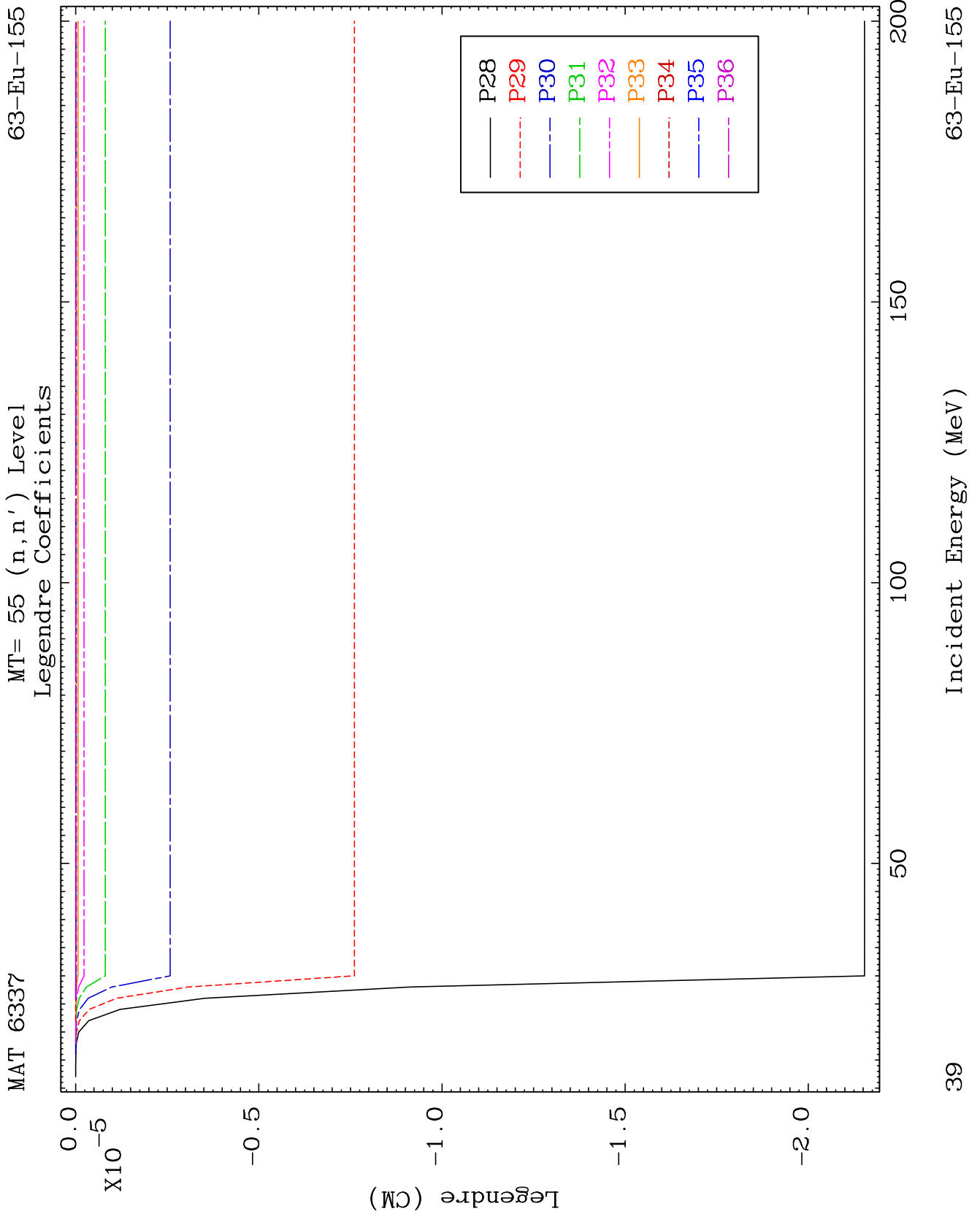
63-Eu-155



38

Incident Energy (MeV)

63-Eu-155

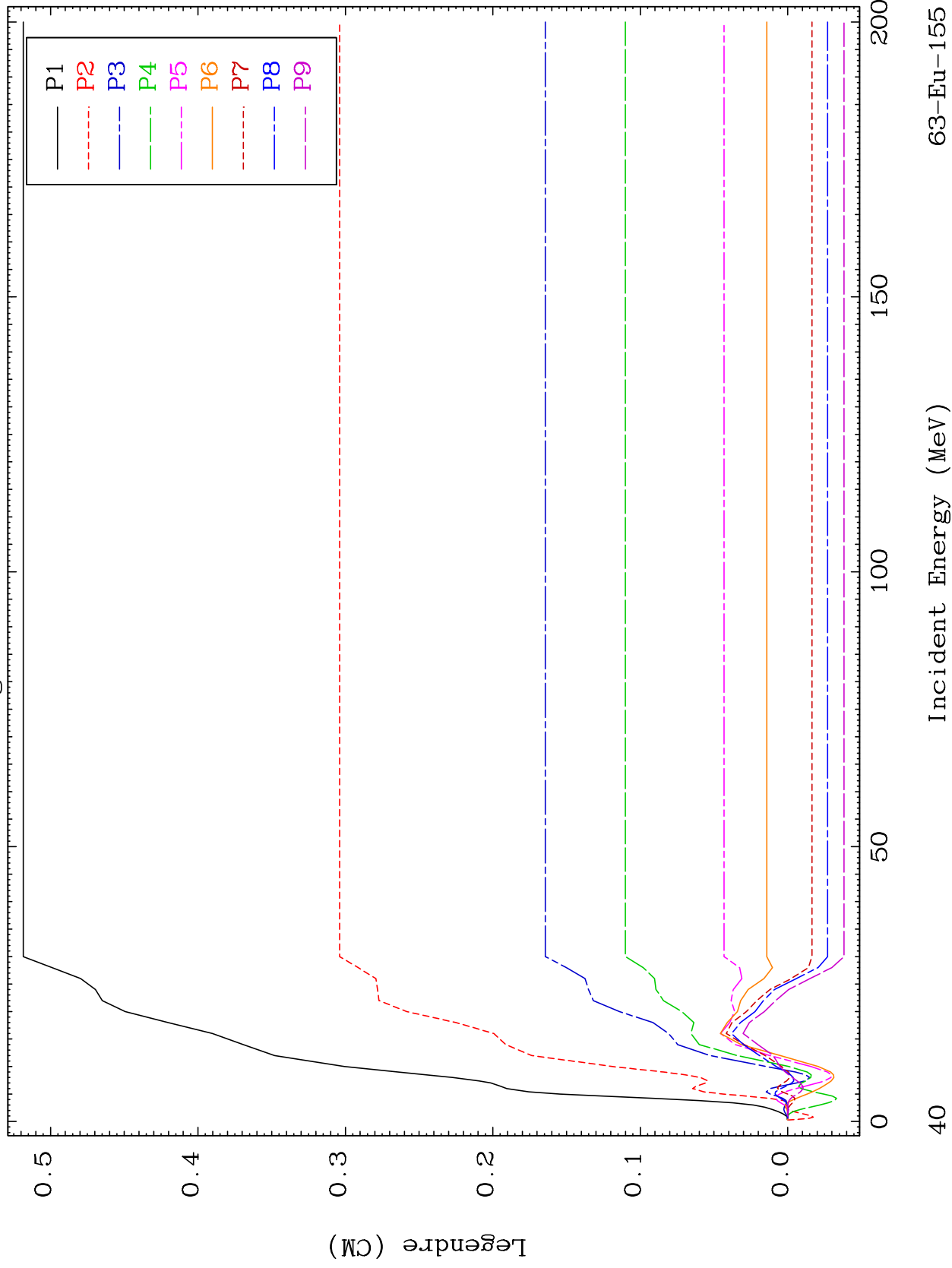




MAT 6337

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

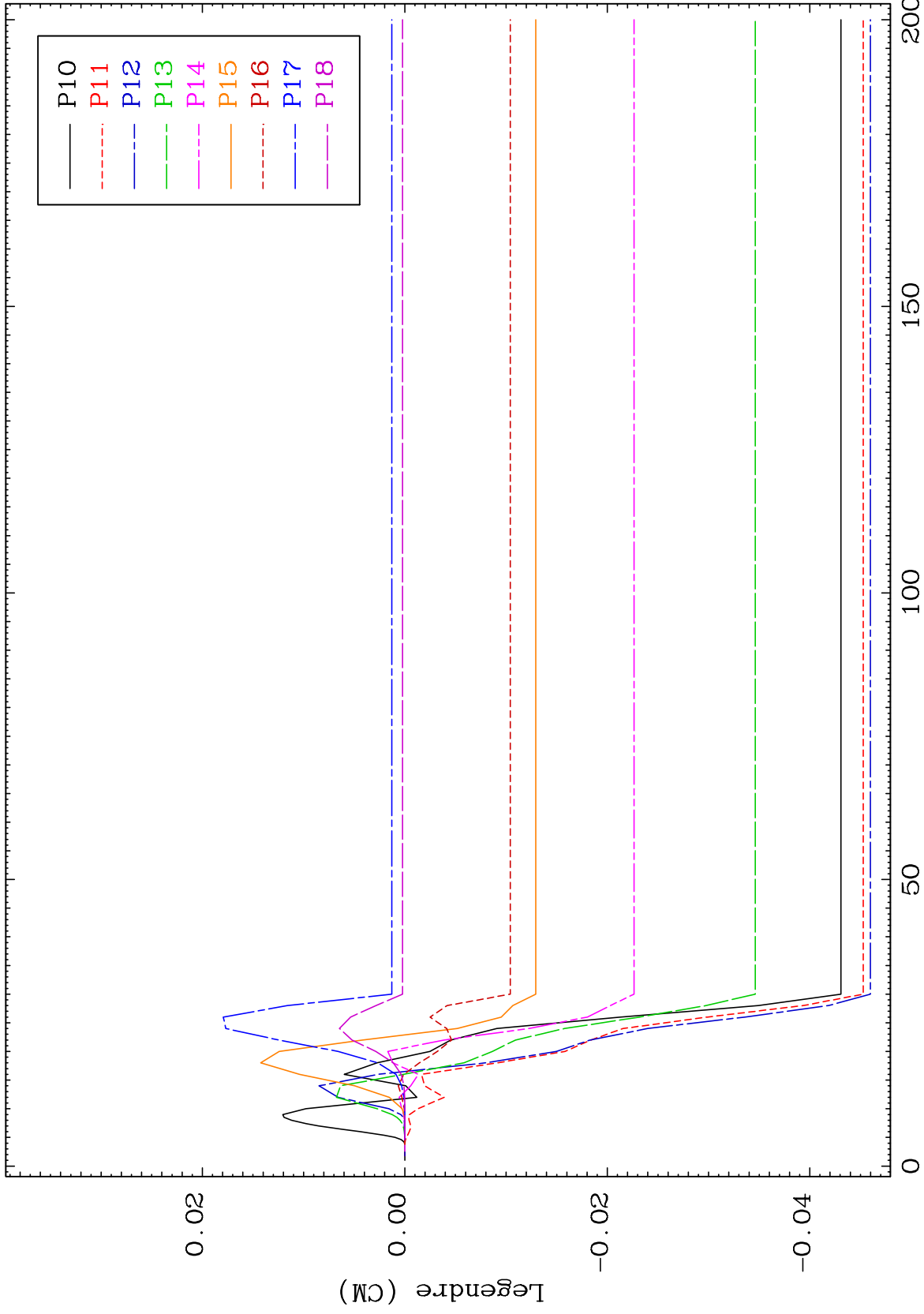
63-Eu-155



MAT 6337

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

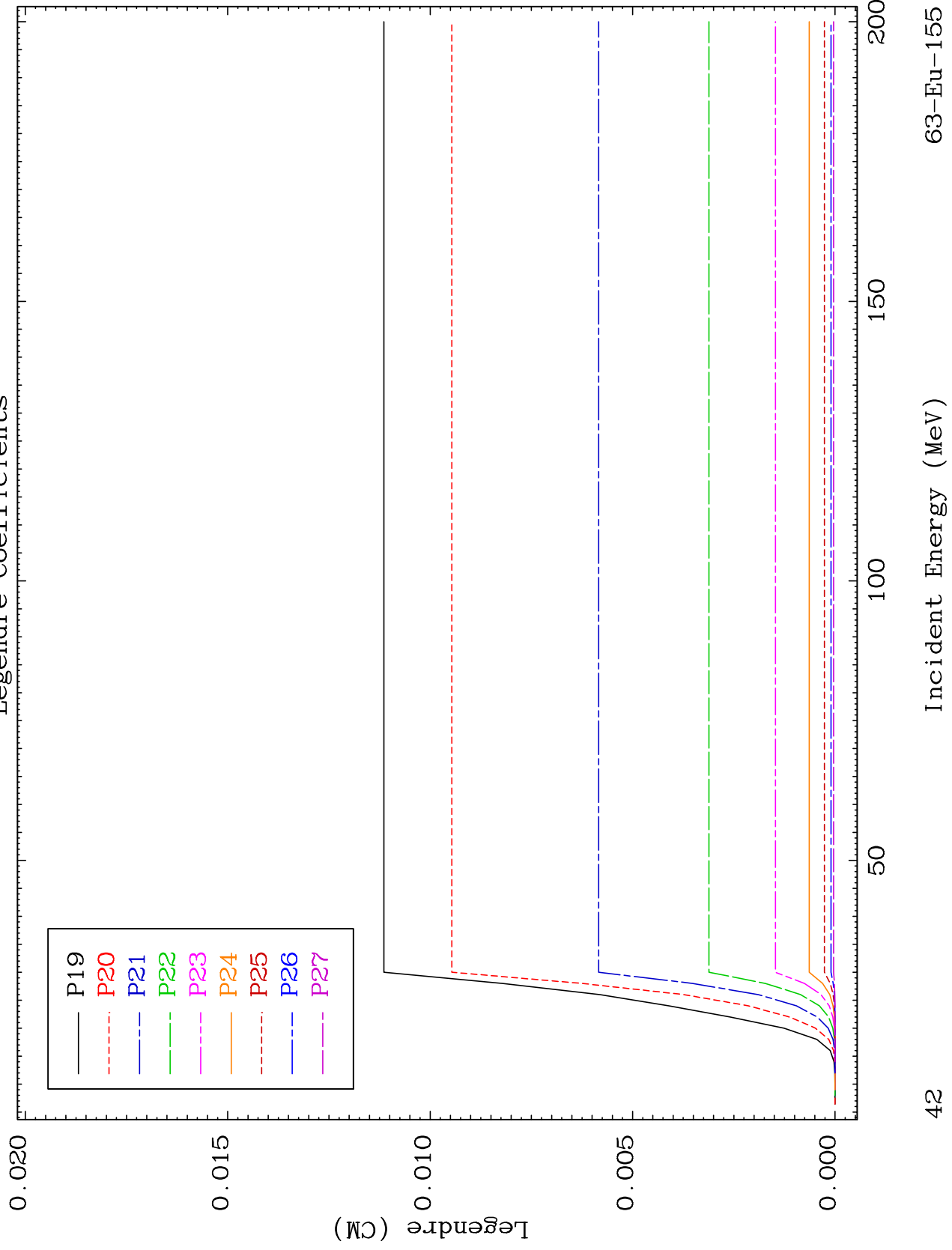
63-Eu-155



MAT 6337

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

63-Eu-155



42

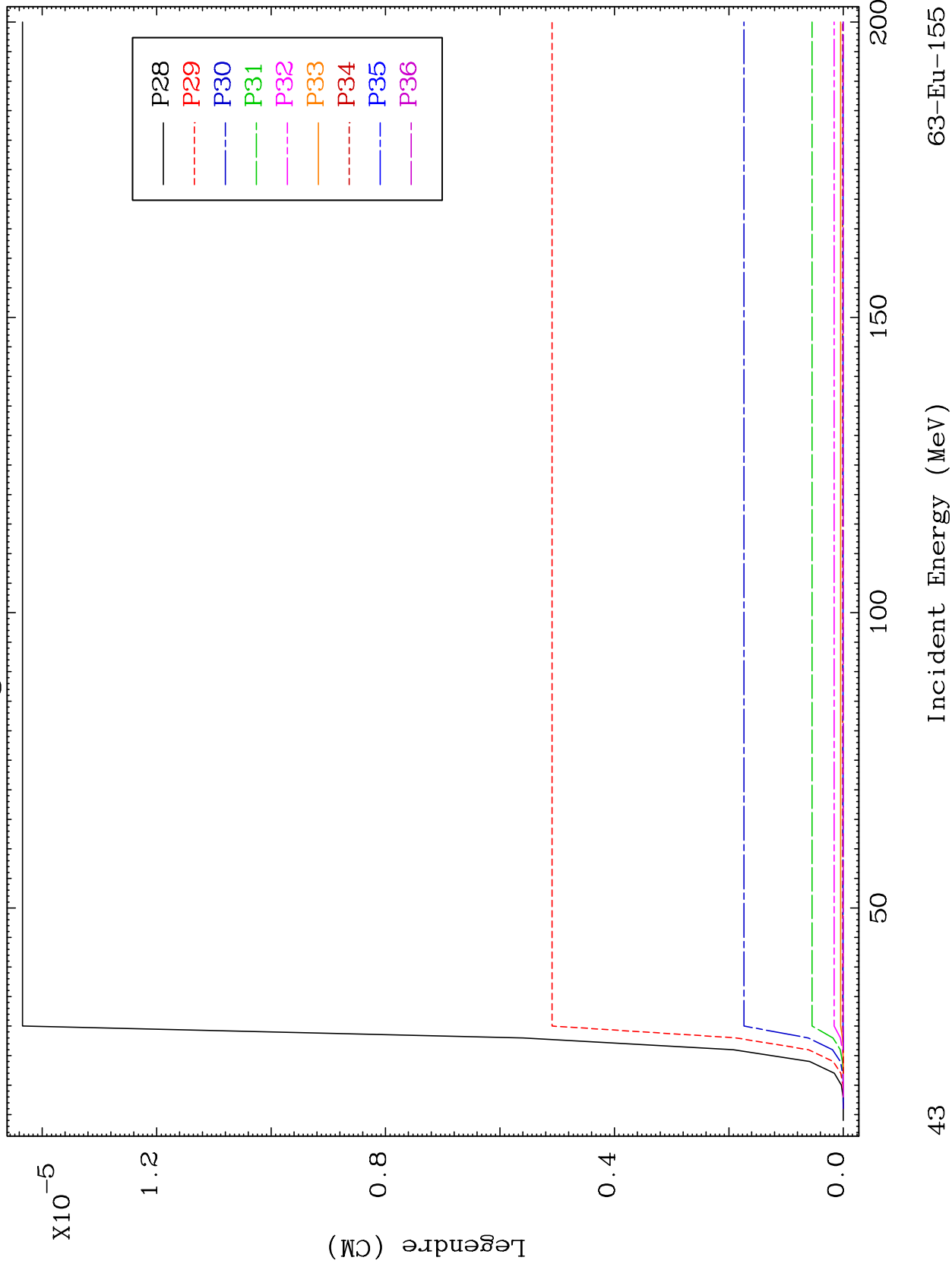
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

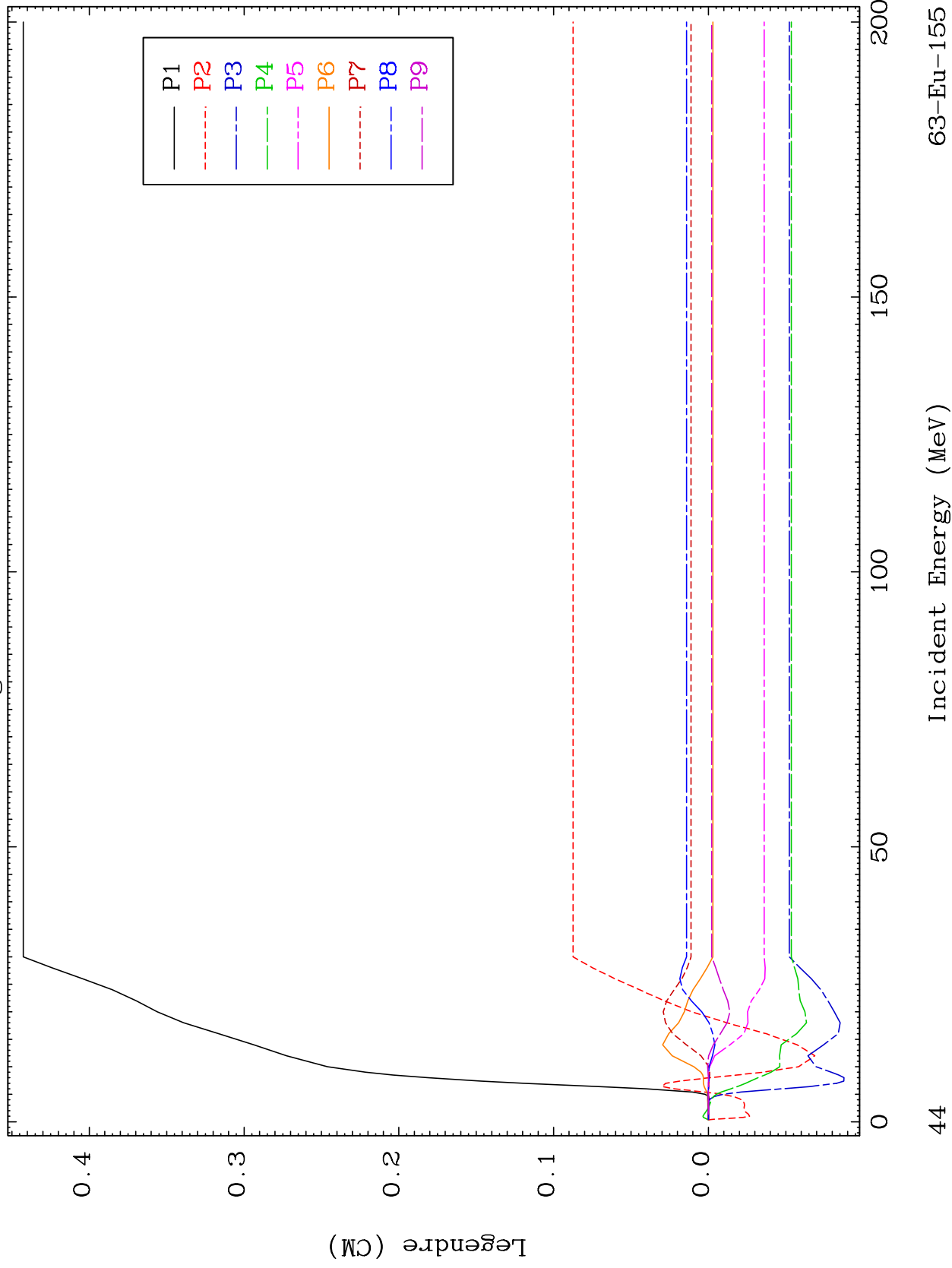
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

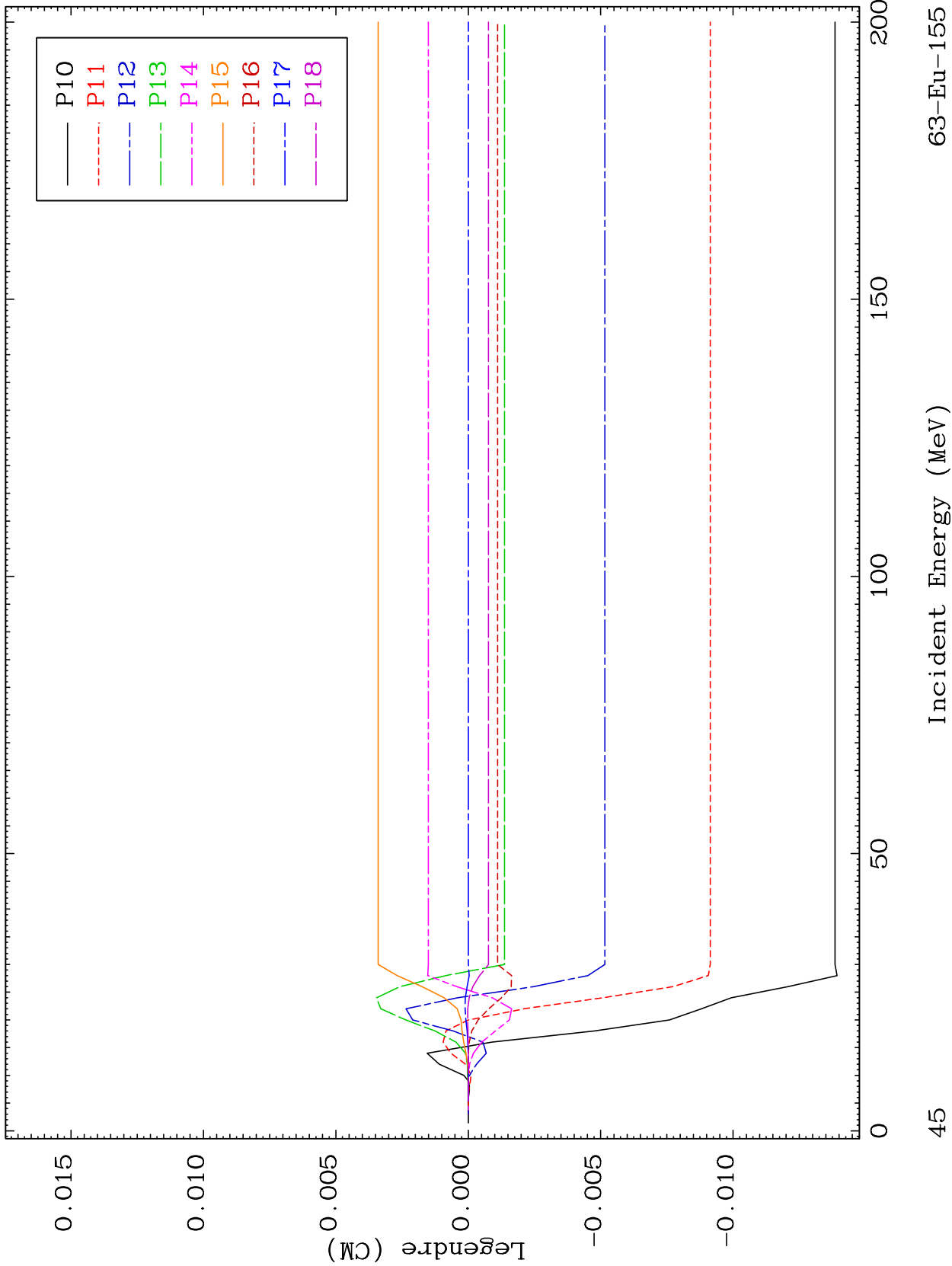
Incident Energy (MeV)

44

MAT 6337

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

63-Eu-155



63-Eu-155

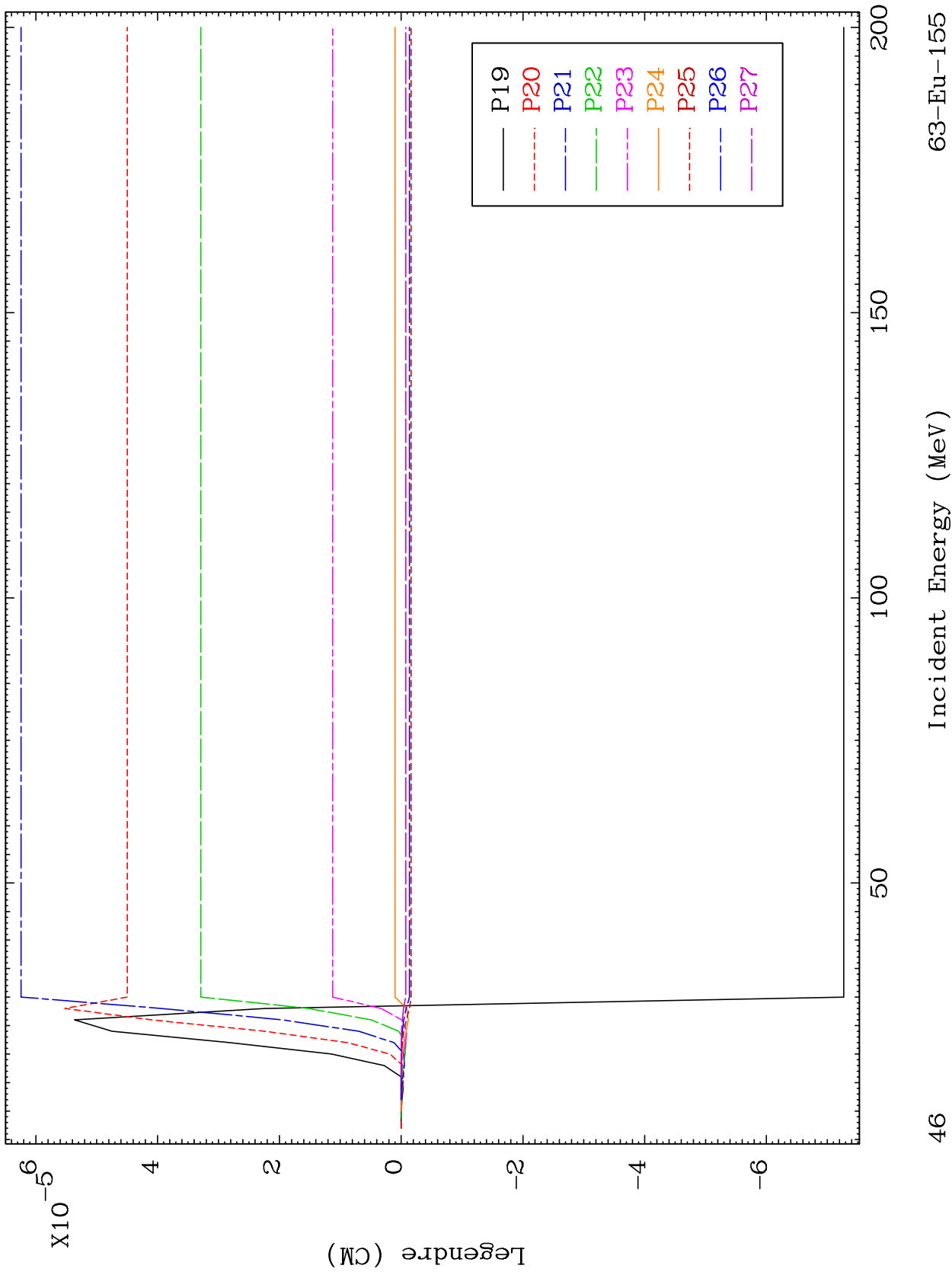
Incident Energy (MeV)

45

MAT 6337

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

63-Eu-155



46

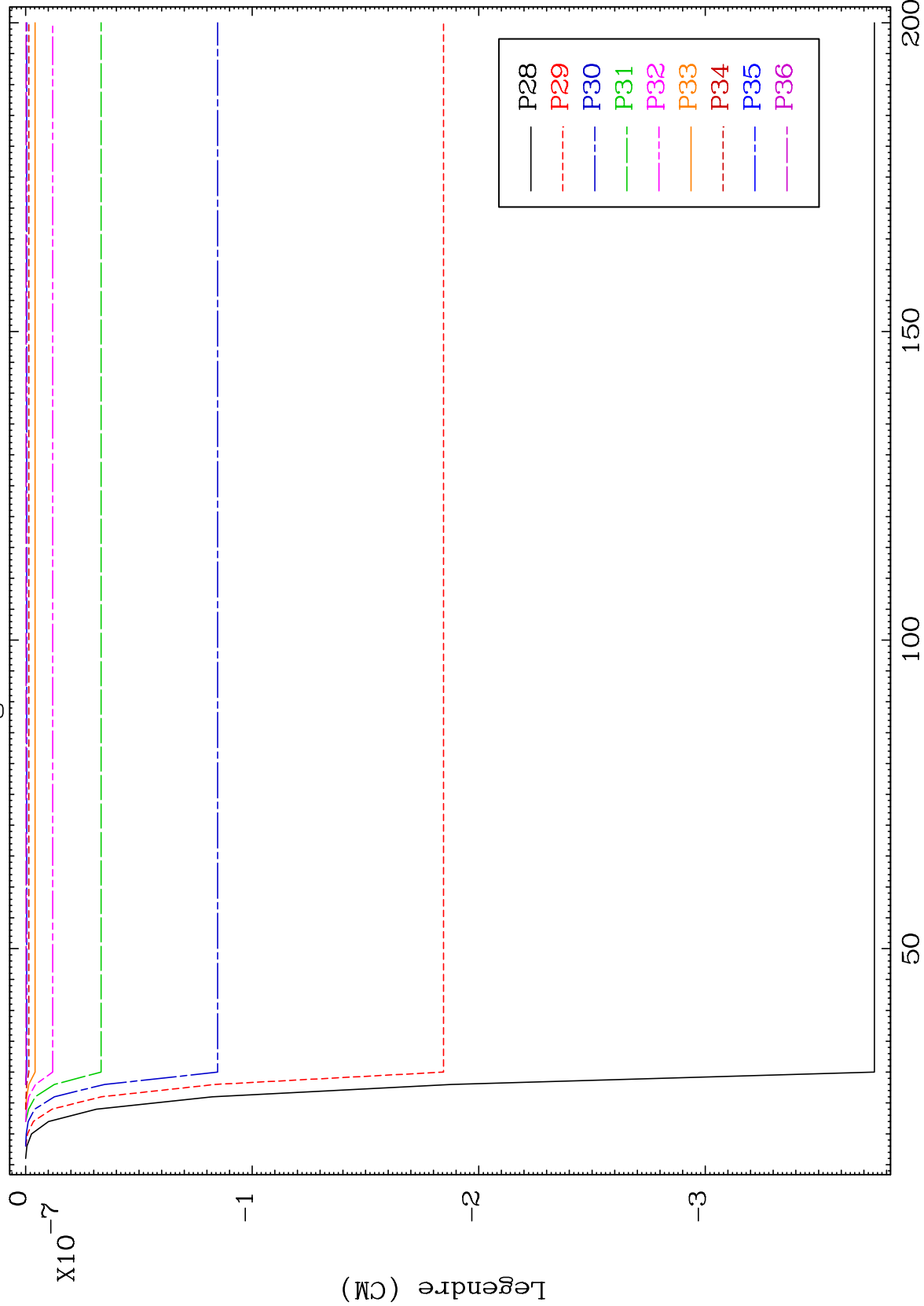
63-Eu-155

MAT 6337

MT= 57 (n,n') Level

63-Eu-155

Legendre Coefficients

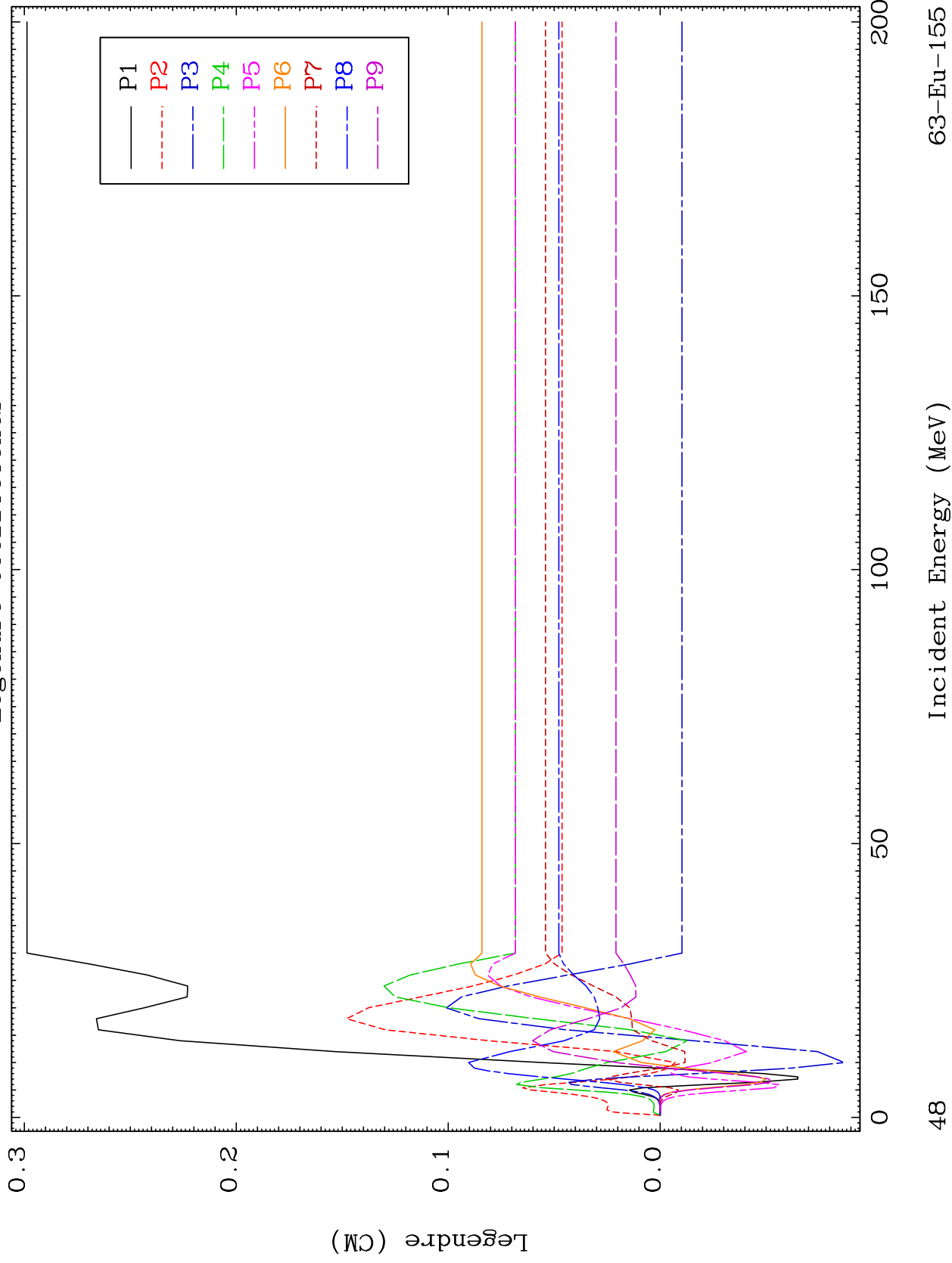




MAT 6337

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

63-Eu-155



48

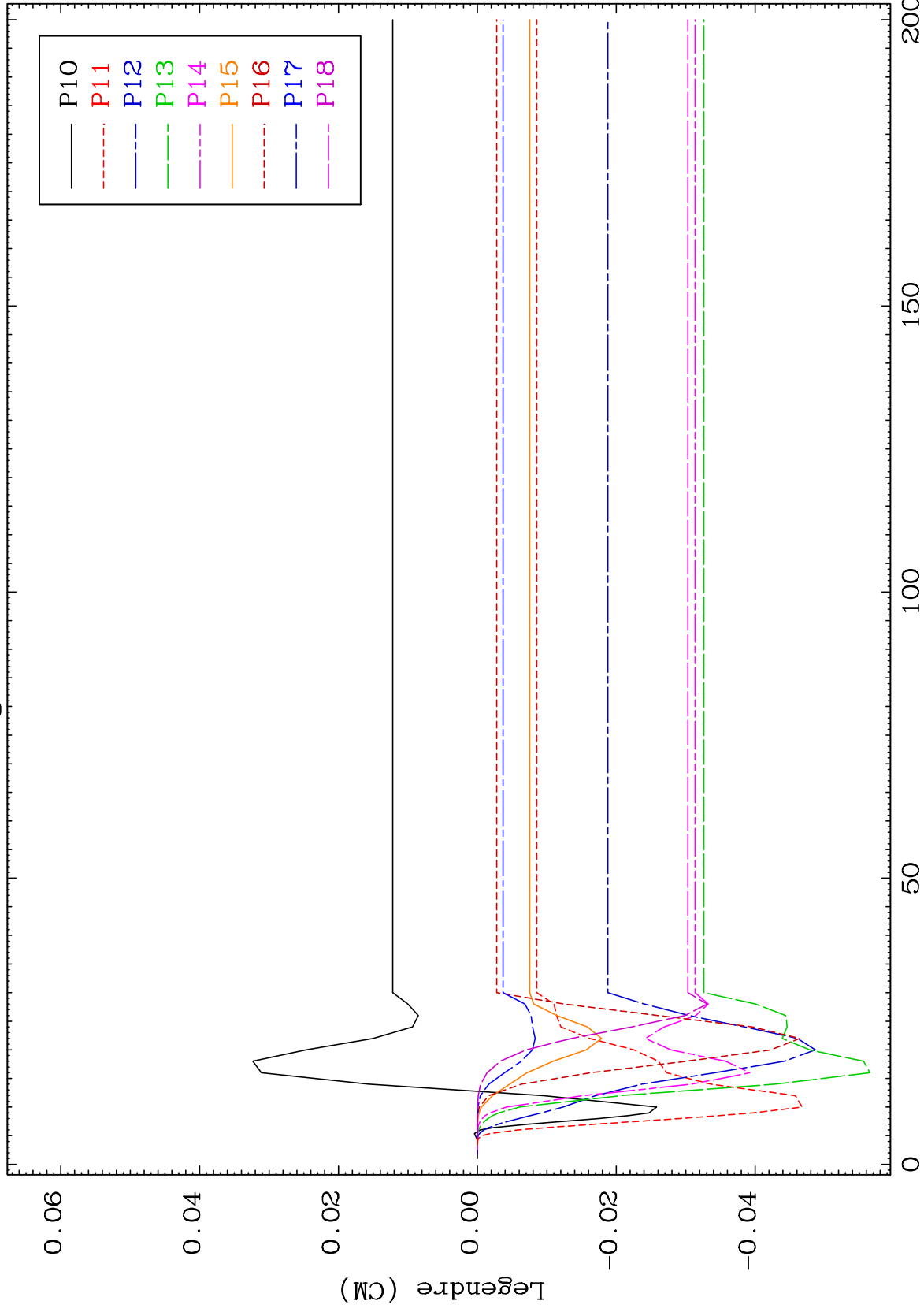
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



49

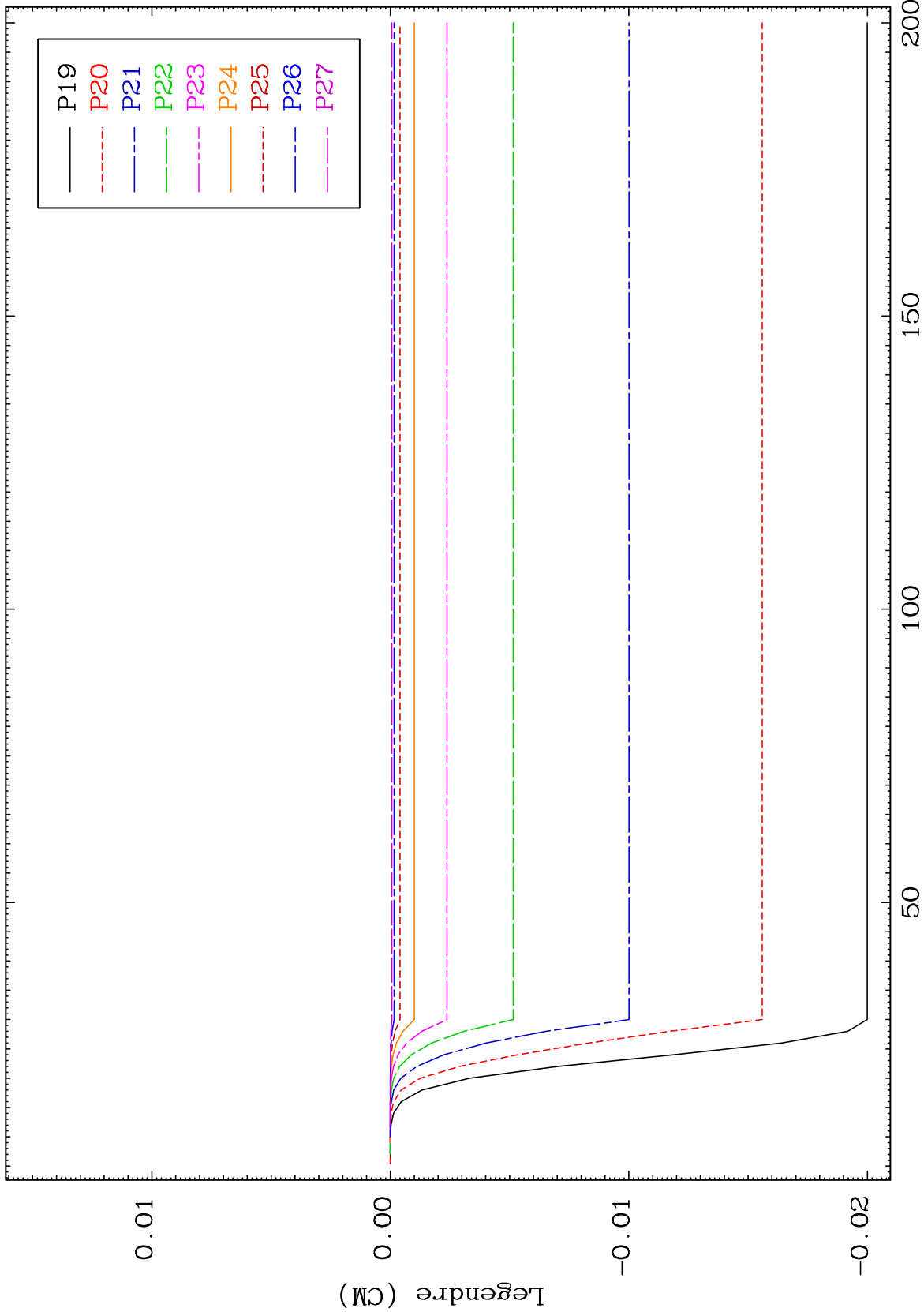
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



50

50

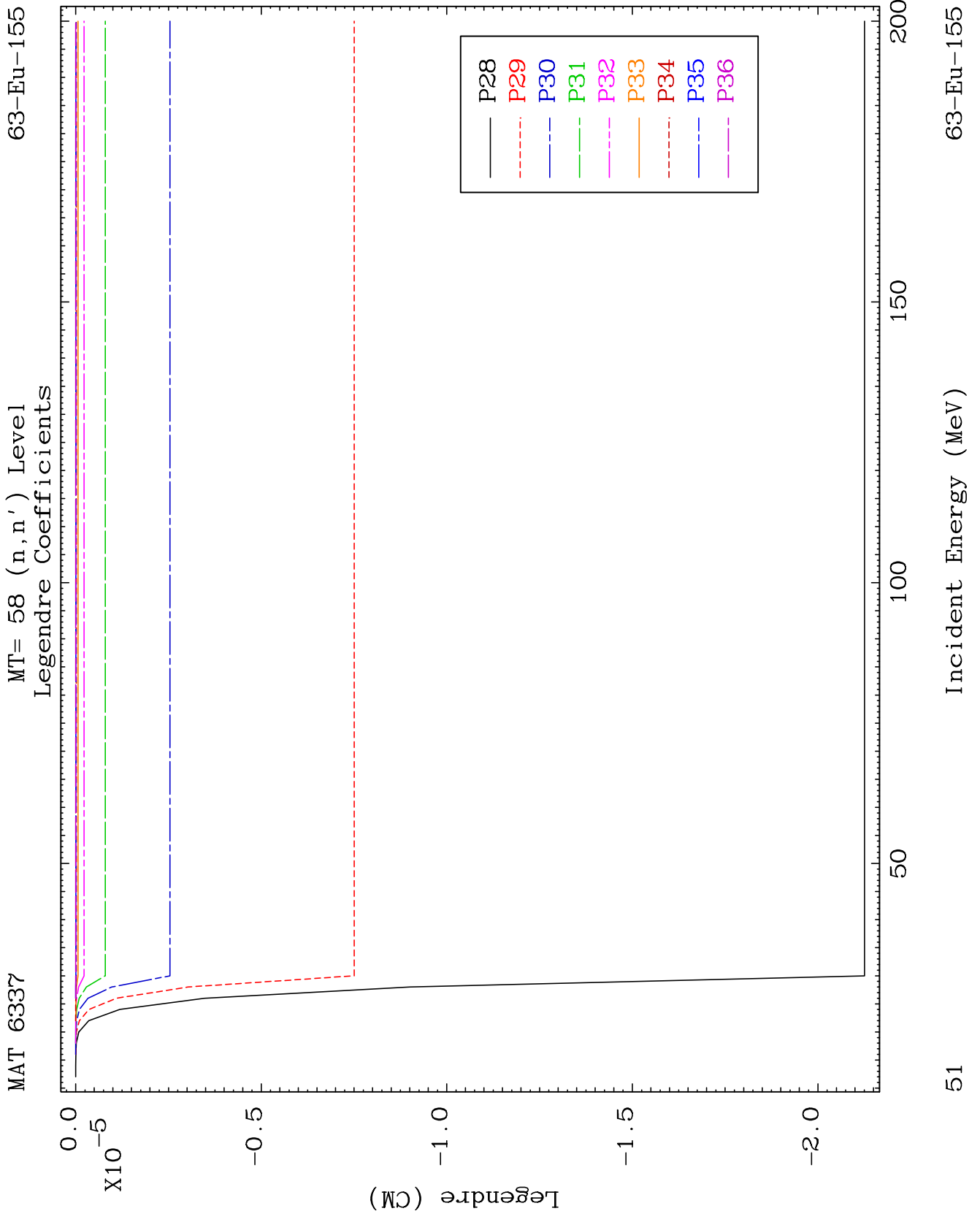
100

150

200

Incident Energy (MeV)

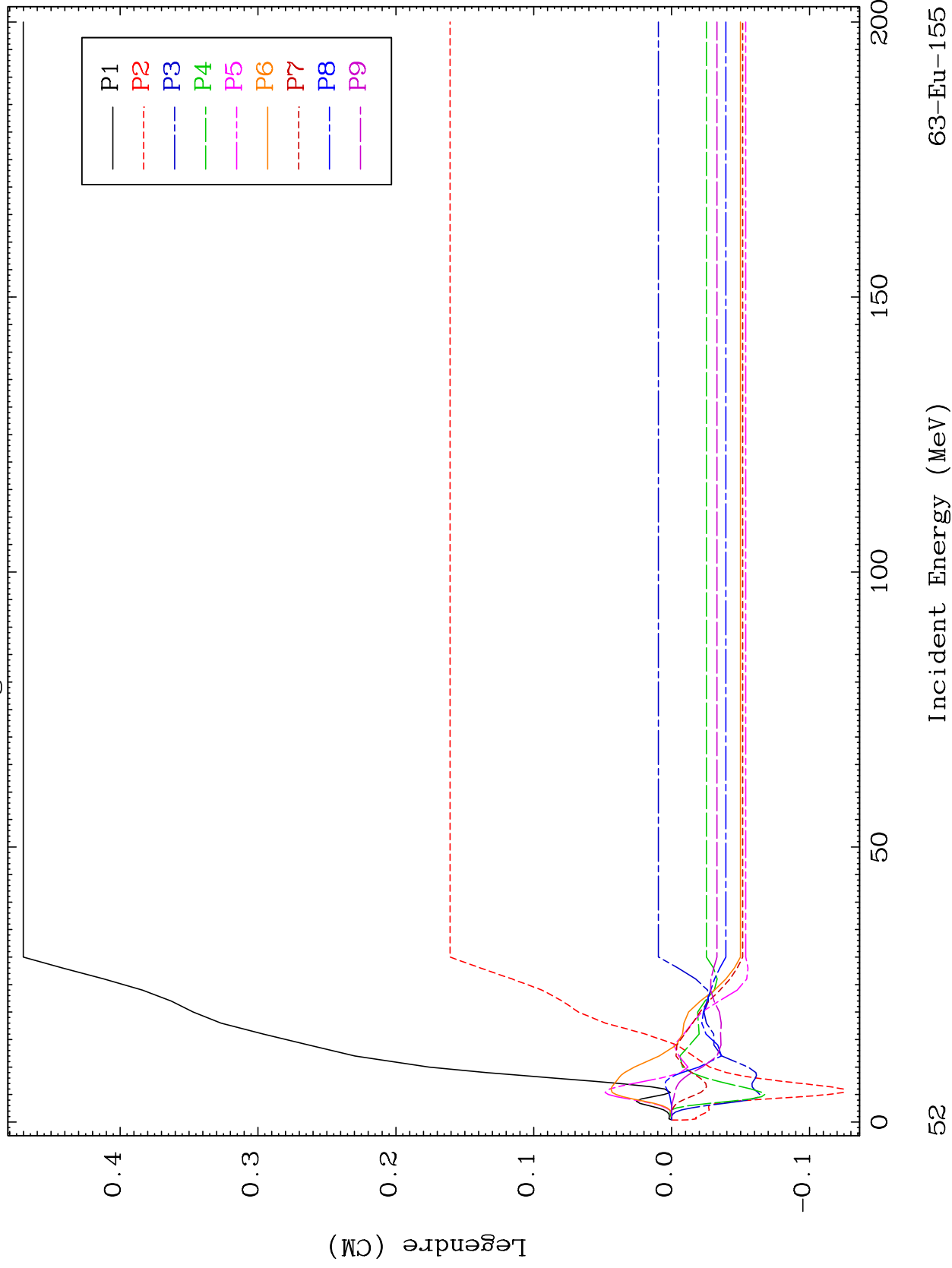
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

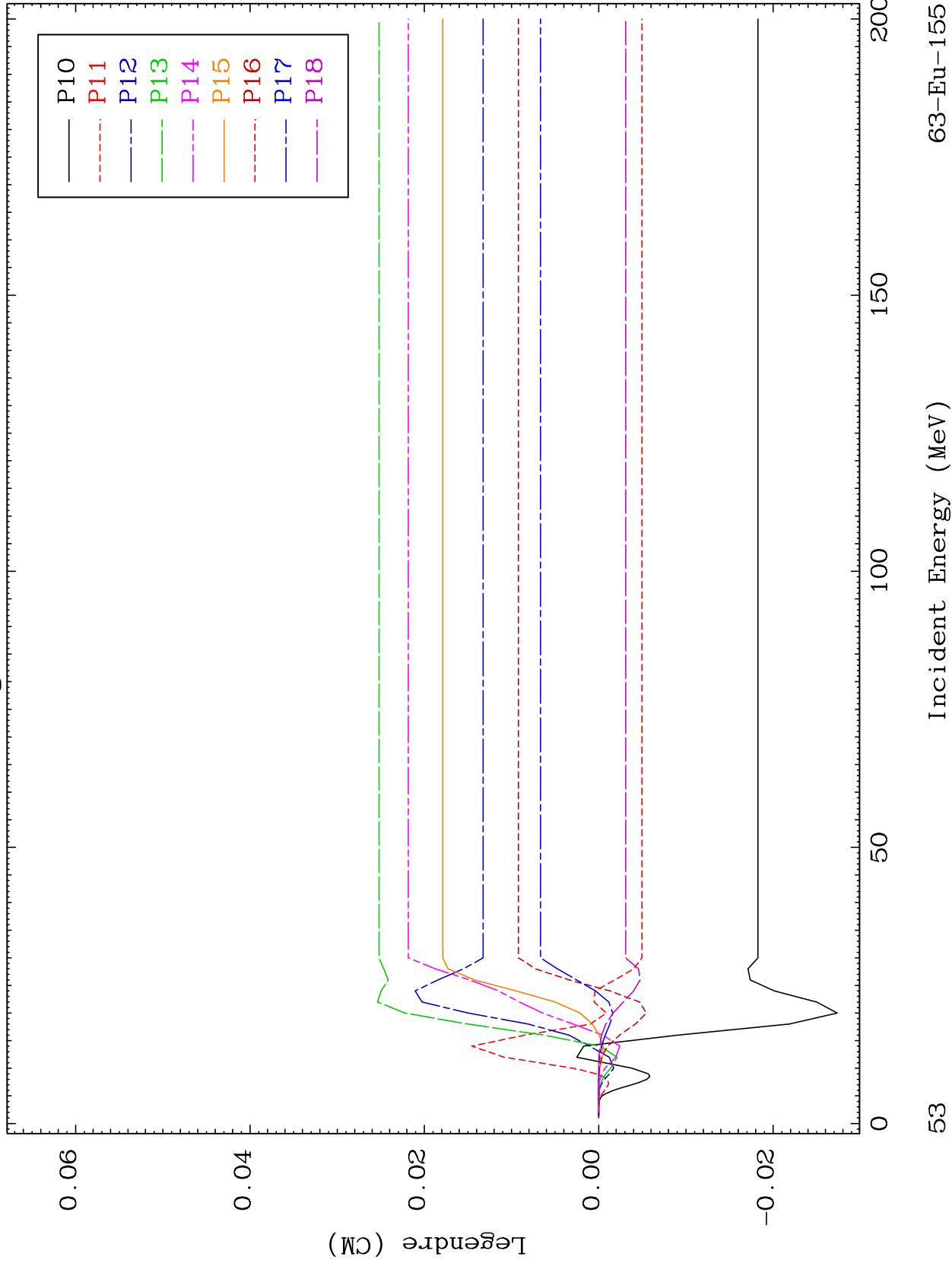
Incident Energy (MeV)

52

MAT 6337

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

63-Eu-155



63-Eu-155

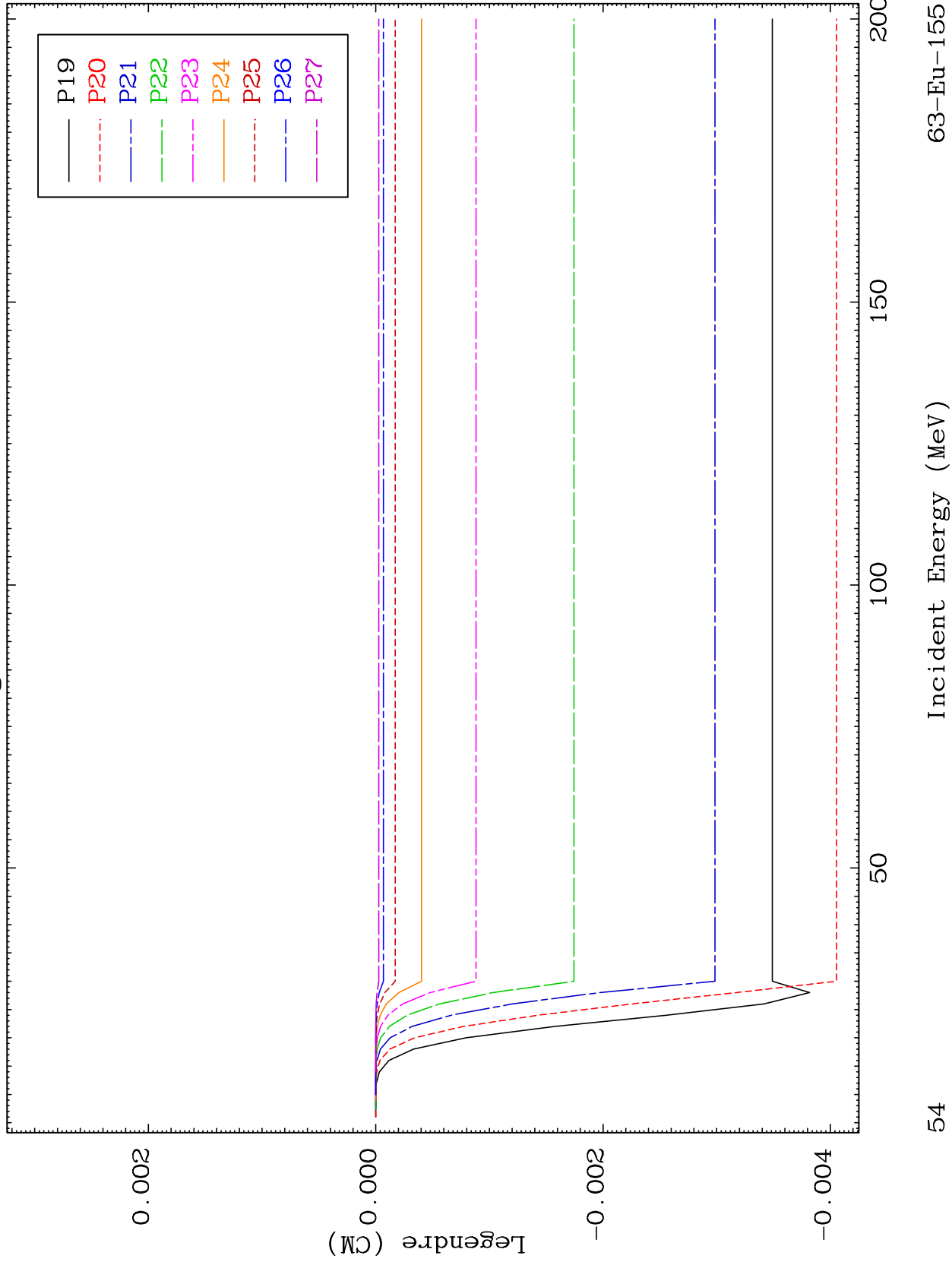
Incident Energy (MeV)

53

MAT 6337

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

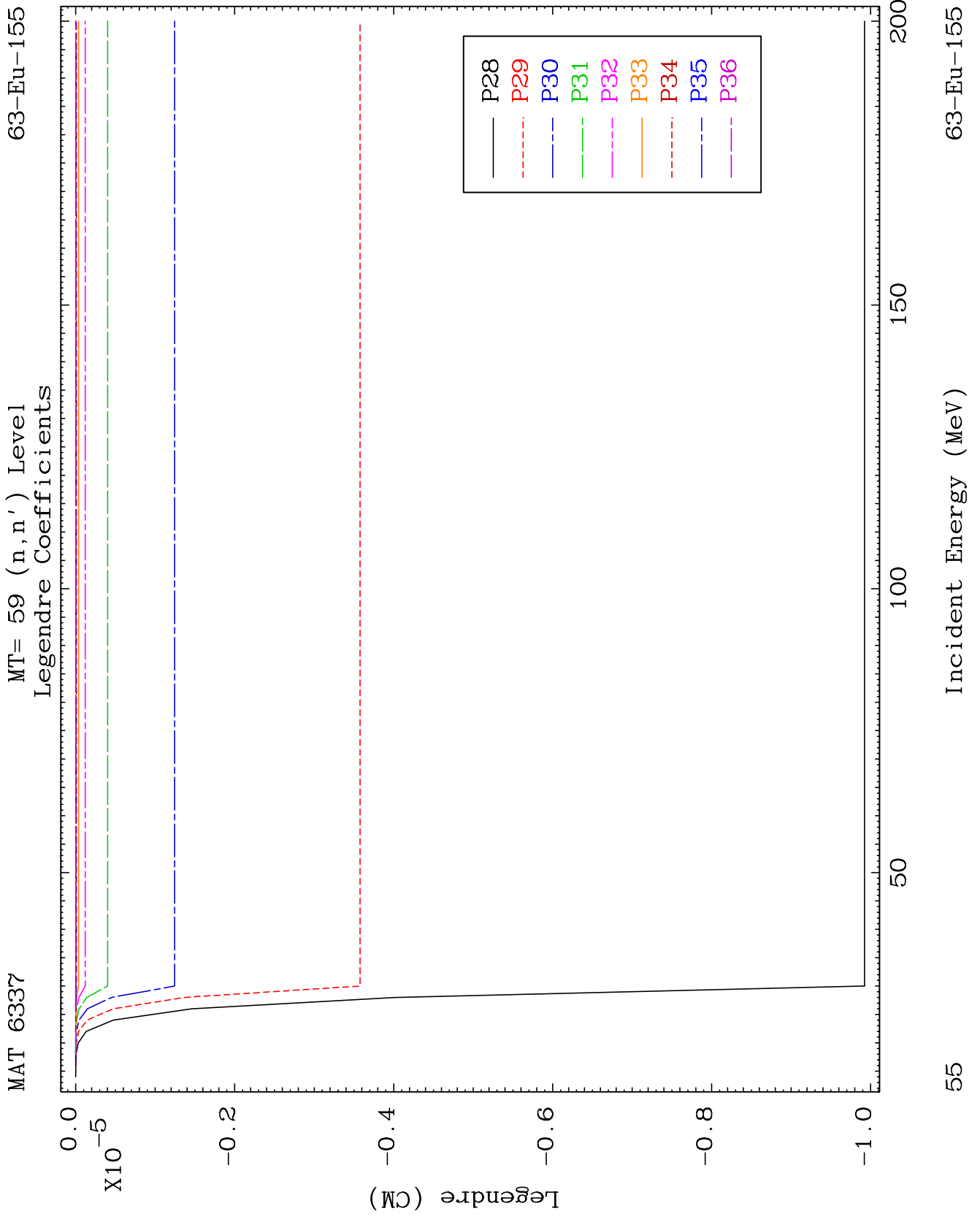
63-Eu-155



54

Incident Energy (MeV)

63-Eu-155



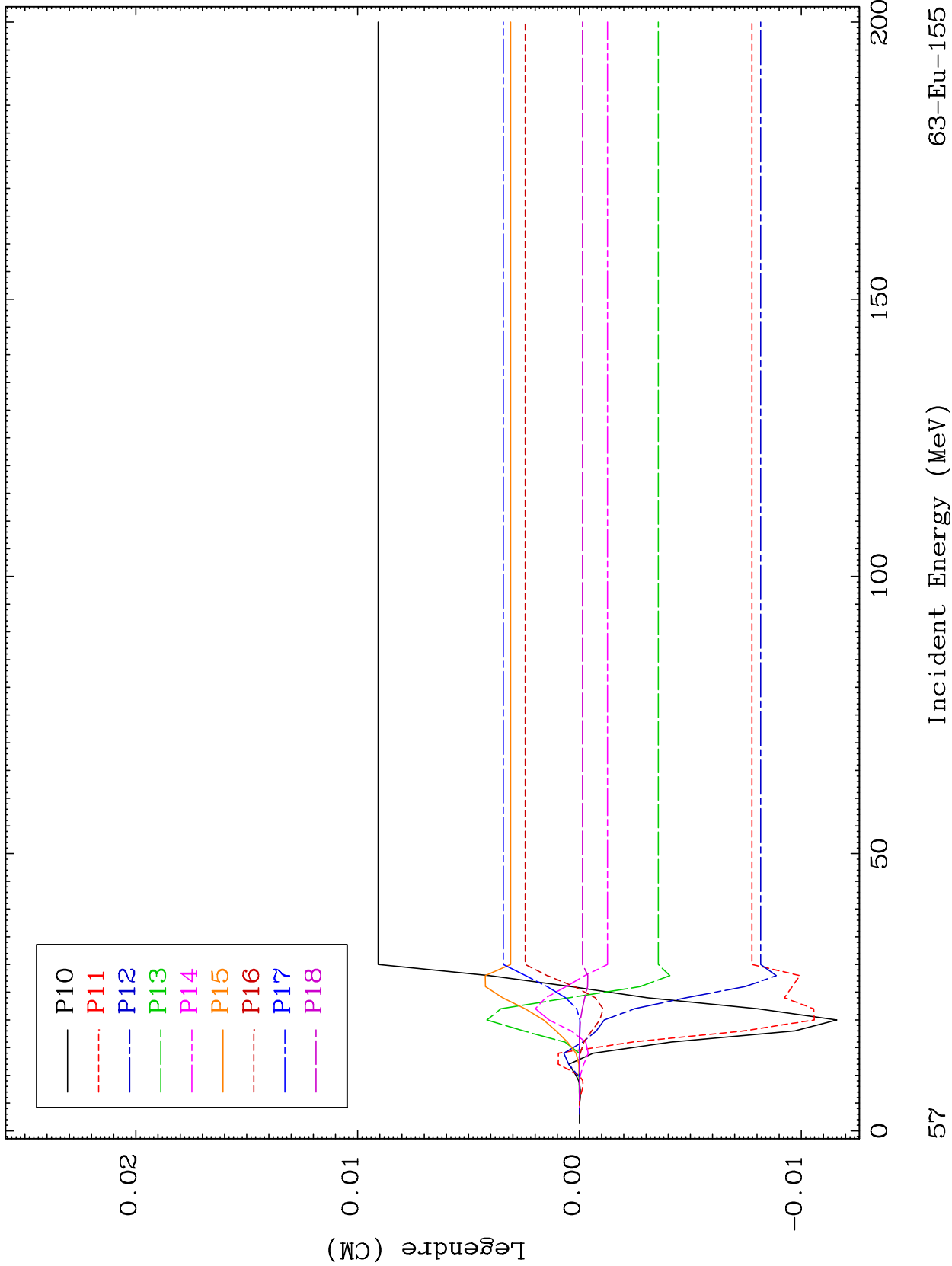




MAT 6337

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

63-Eu-155



57

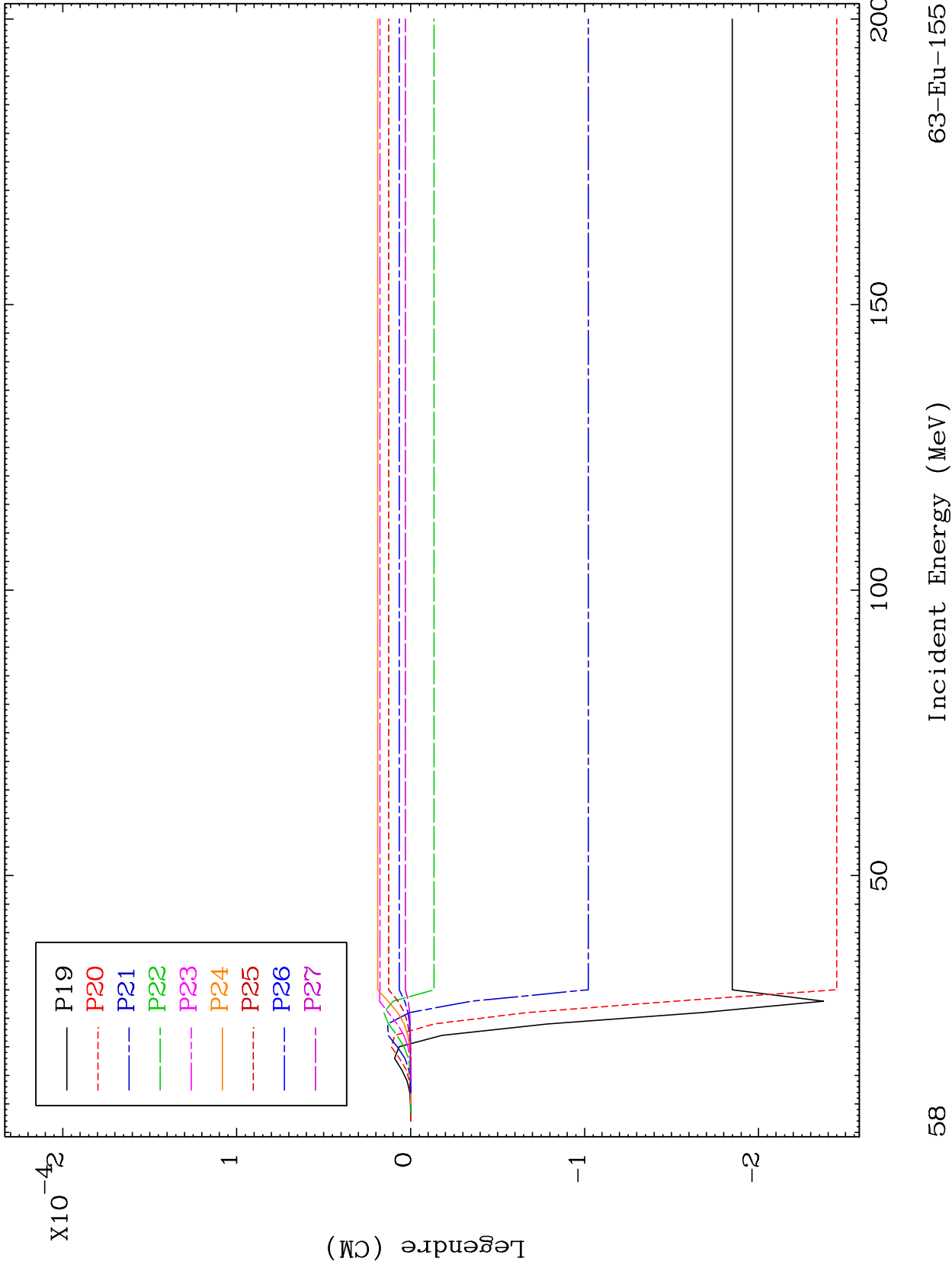
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



58

63-Eu-155

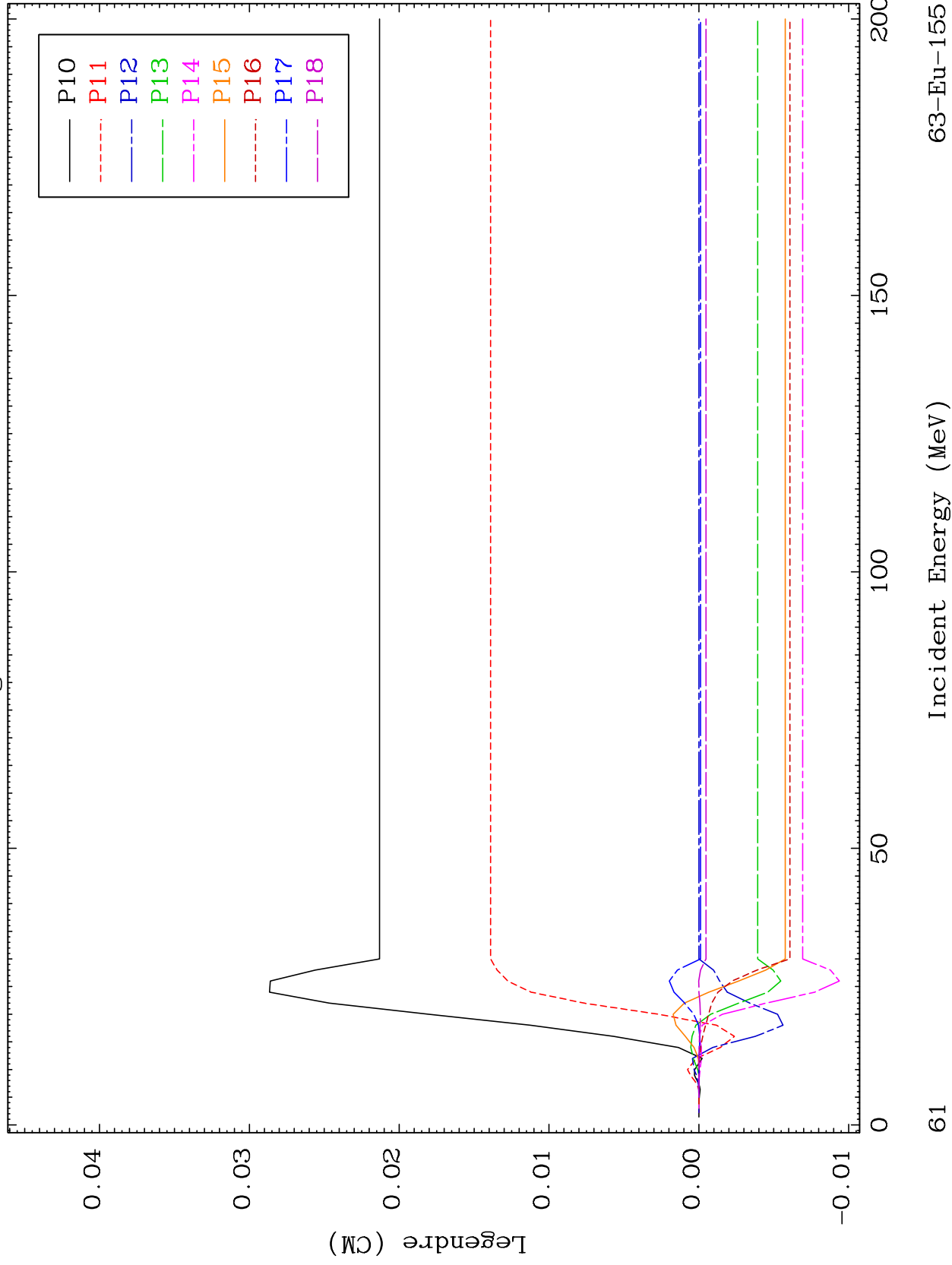




MAT 6337

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

63-Eu-155



63-Eu-155

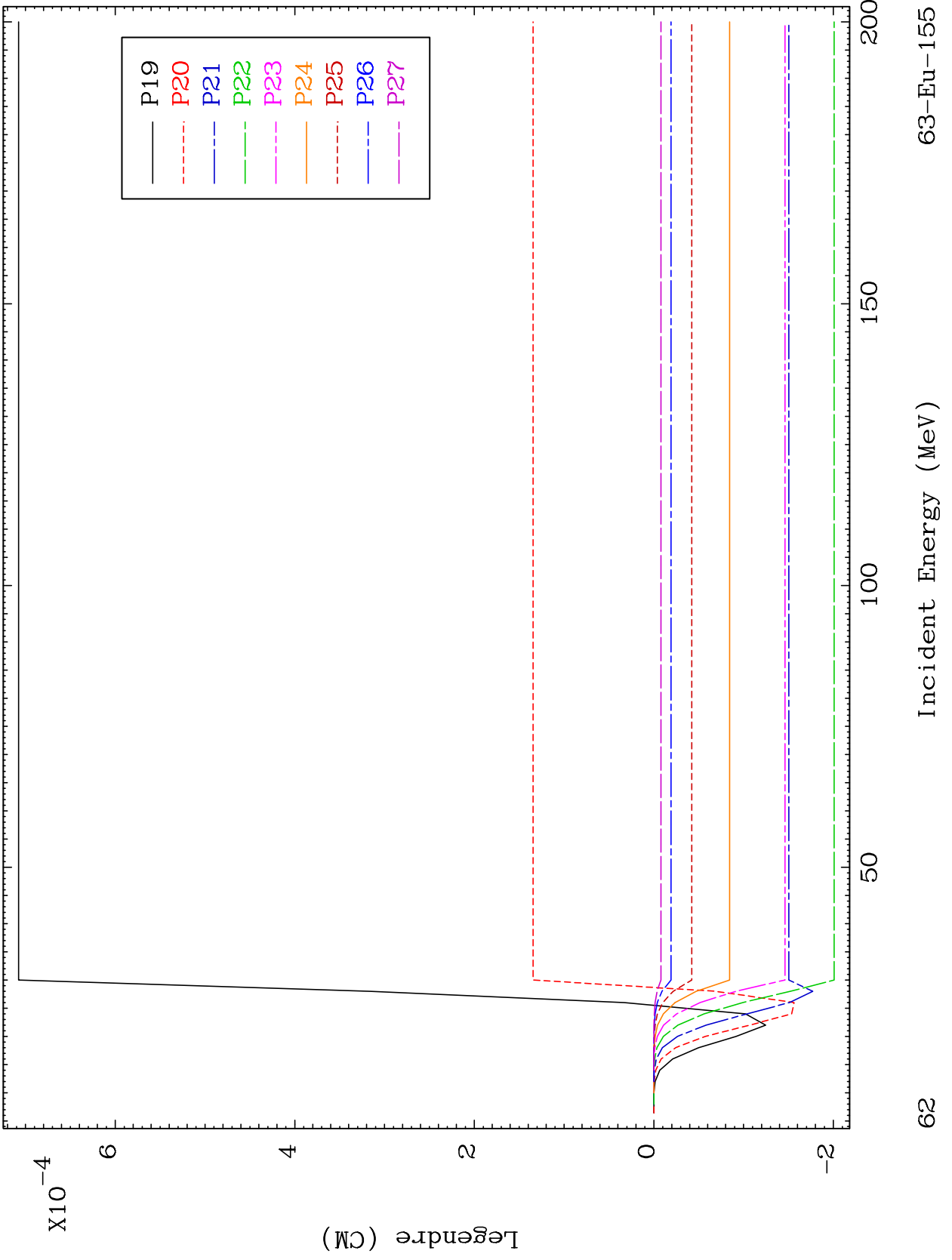
Incident Energy (MeV)

61

MAT 6337

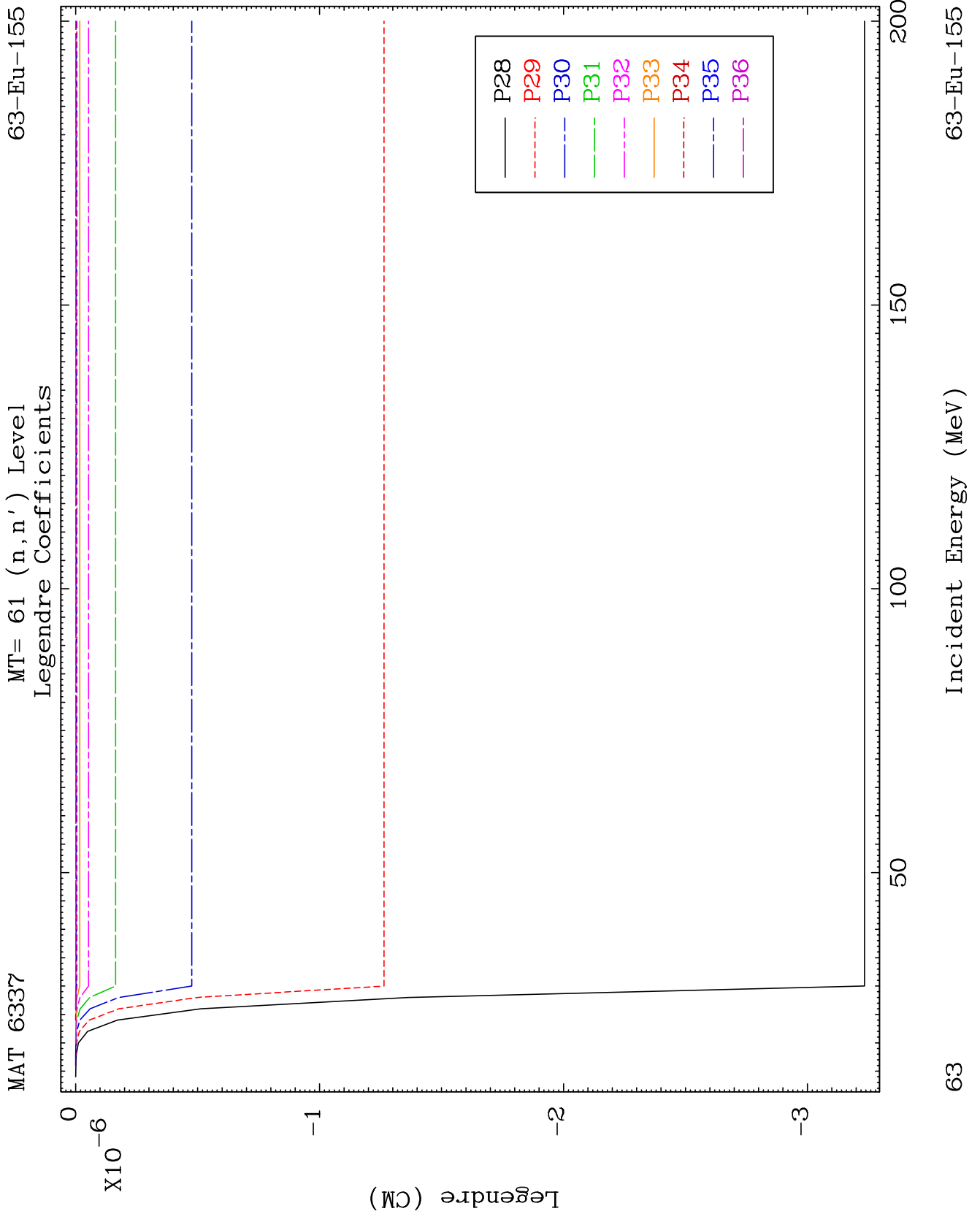
MT= 61 (n,n') Level  
Legendre Coefficients

63-Eu-155



62

63-Eu-155

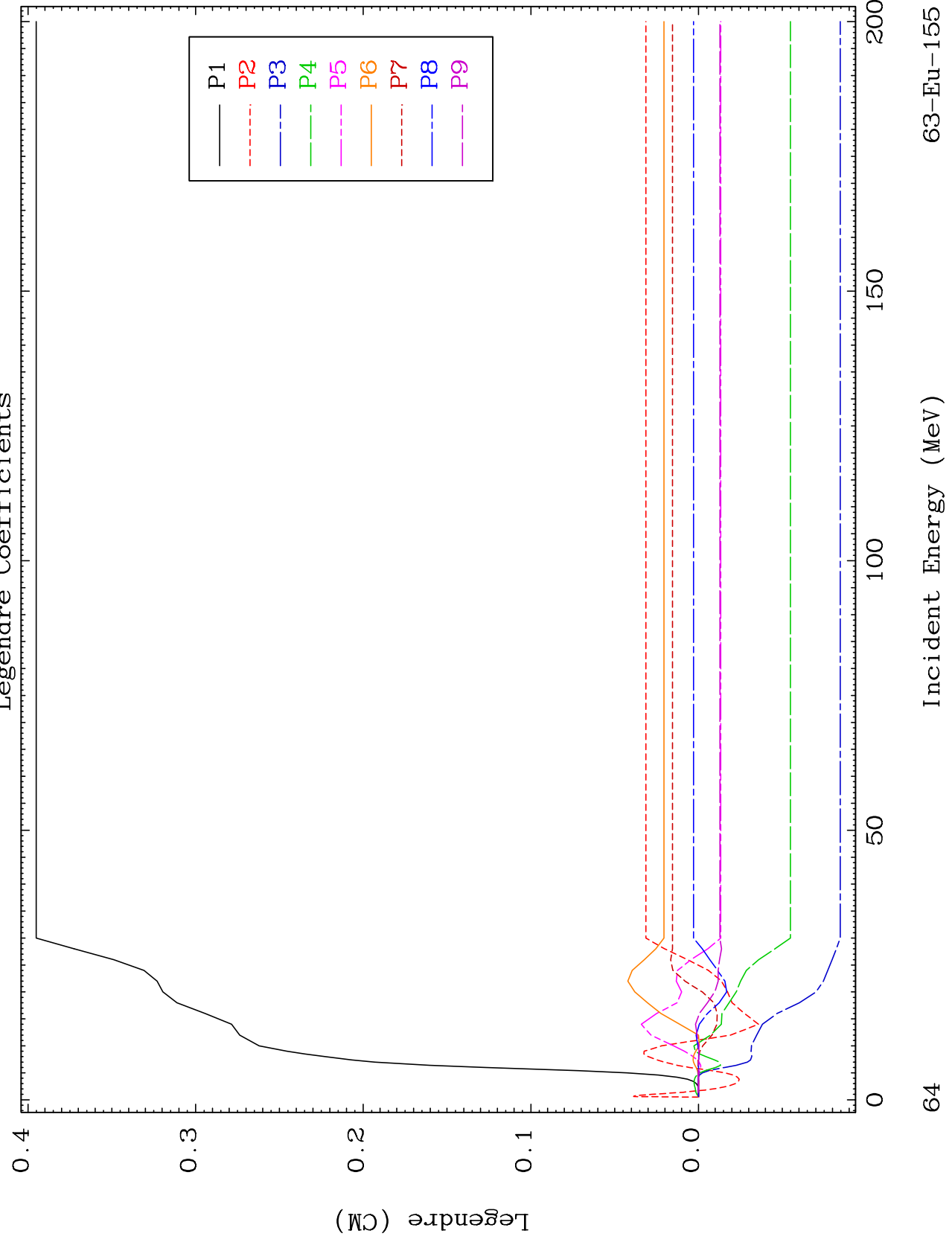




MAT 6337

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

63-Eu-155



63-Eu-155

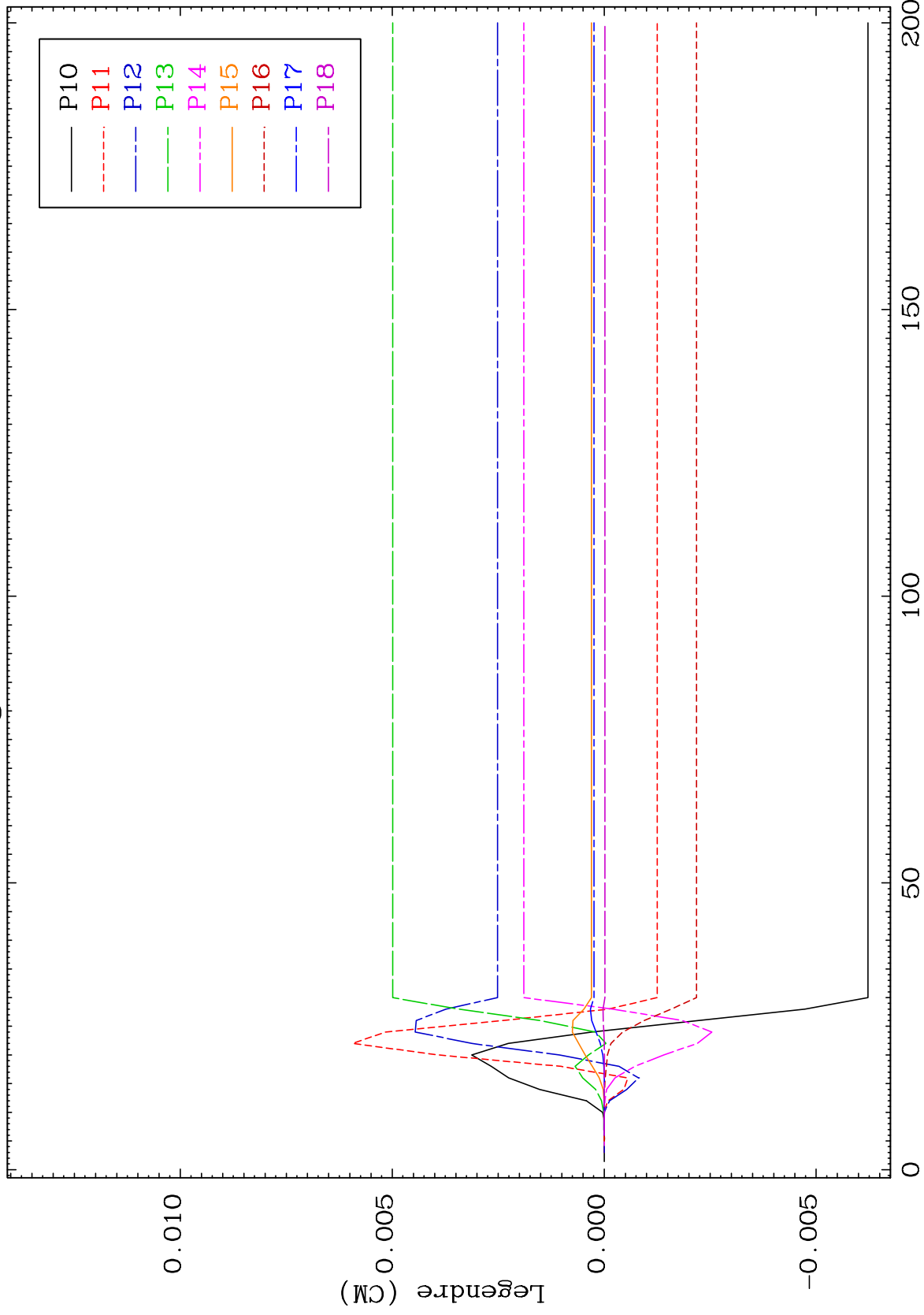
Incident Energy (MeV)

64

MAT 6337

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

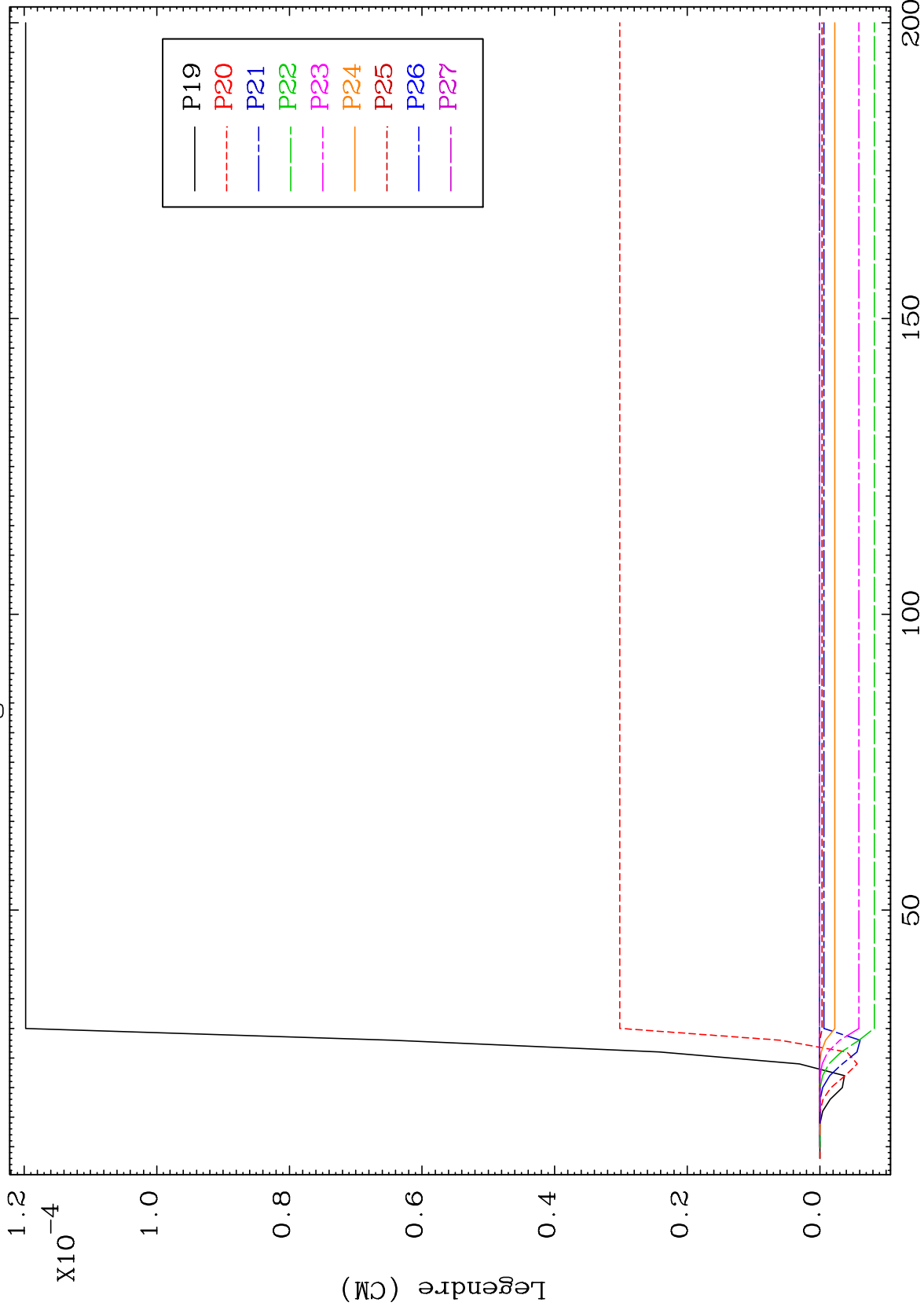
63-Eu-155



65

Incident Energy (MeV)

63-Eu-155

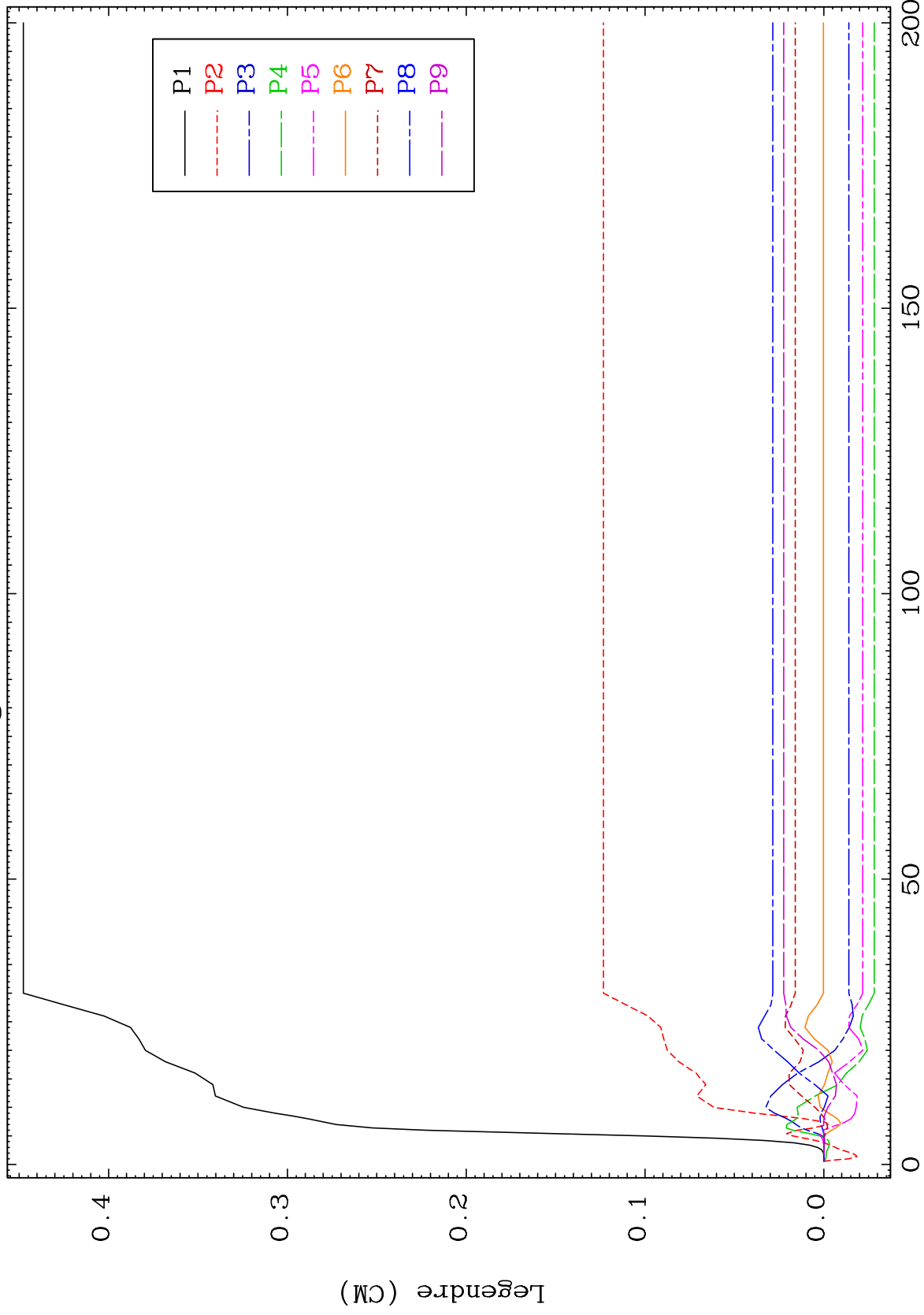




MAT 6337

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

63-Eu-155



63-Eu-155

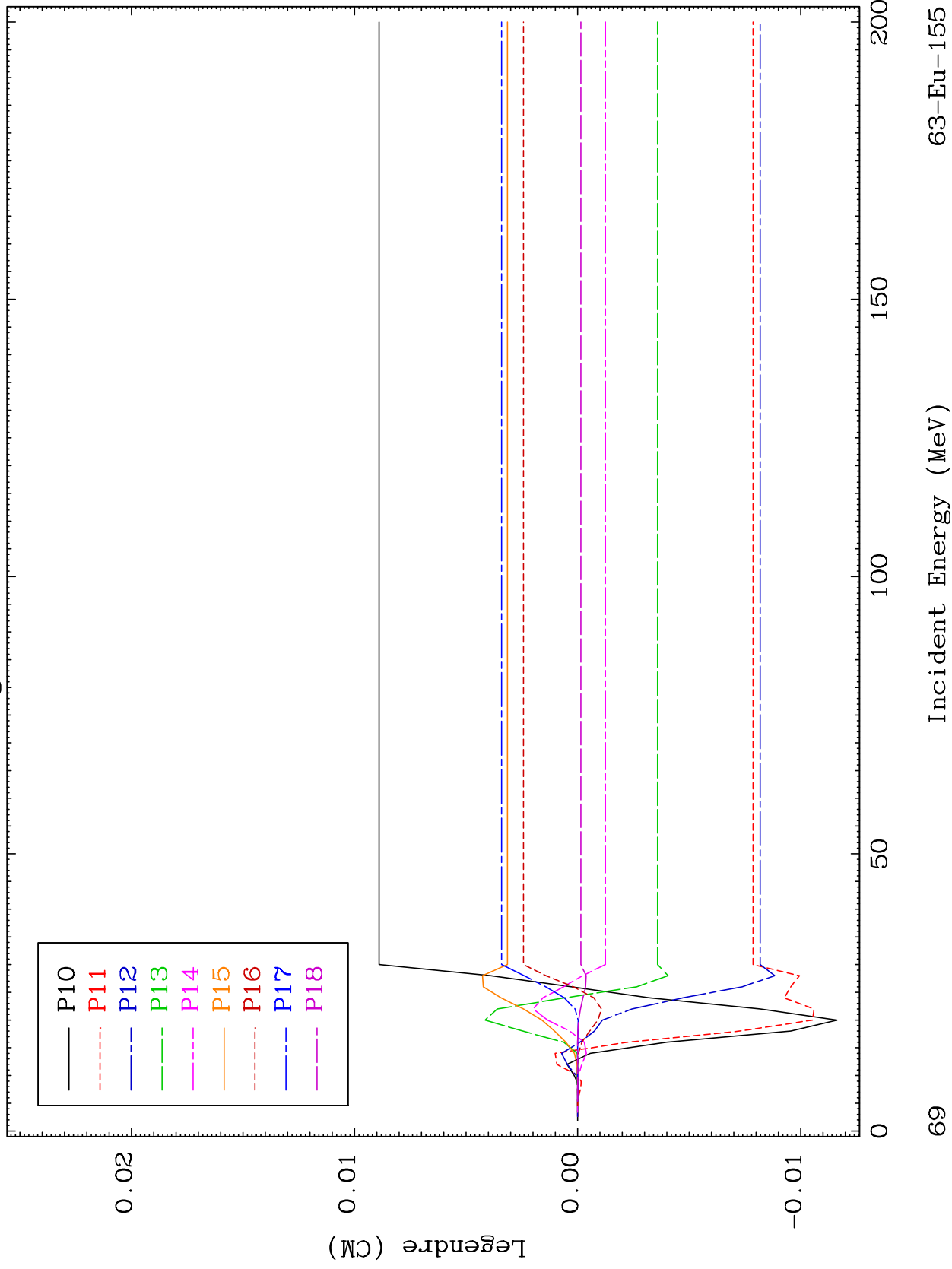
Incident Energy (MeV)

68

MAT 6337

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

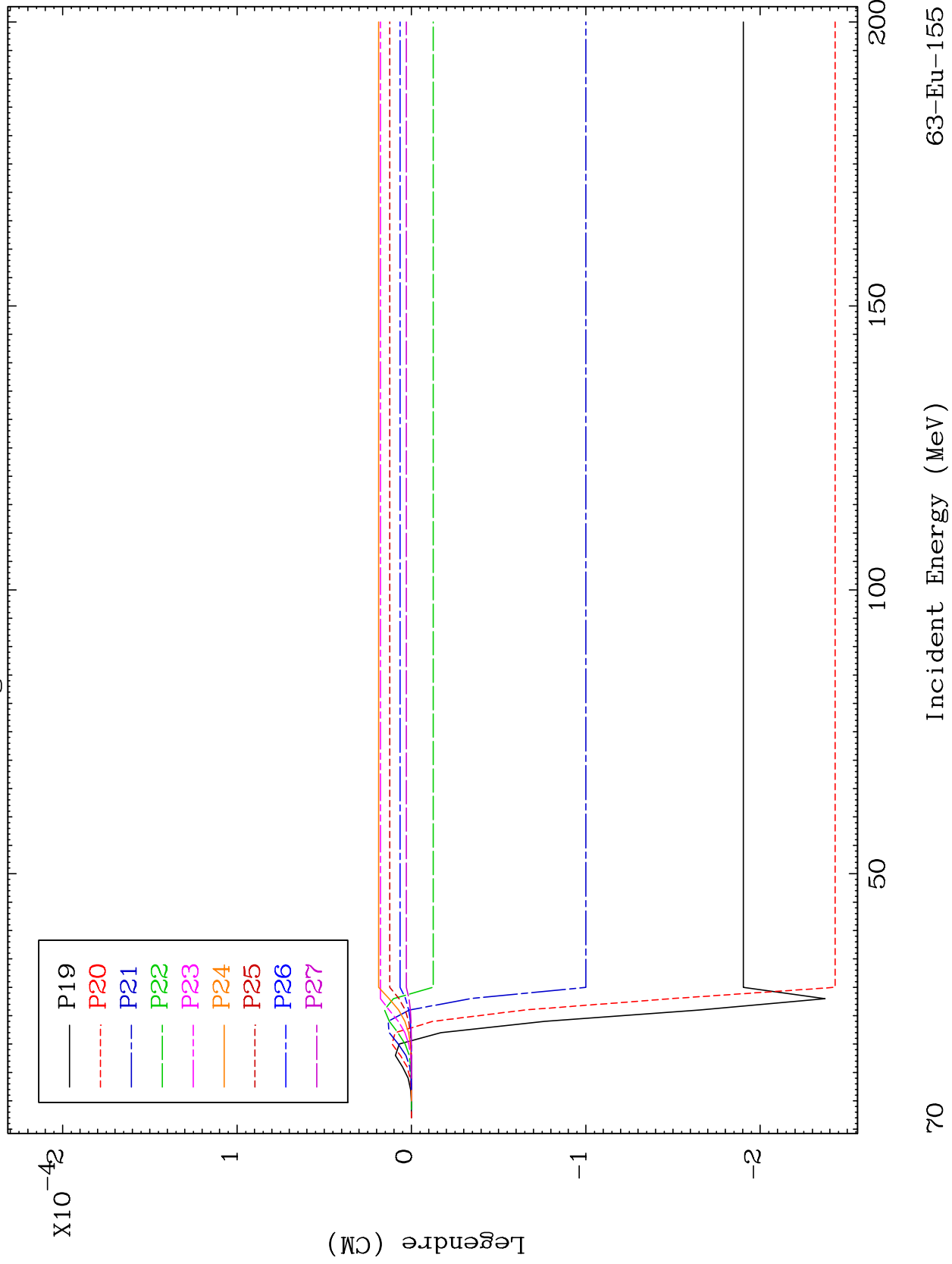
63-Eu-155



MAT 6337

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

63-Eu-155



70

Incident Energy (MeV)

63-Eu-155

200

150

100

50

$\times 10^{-42}$

Legendre (CM)

-1

-2

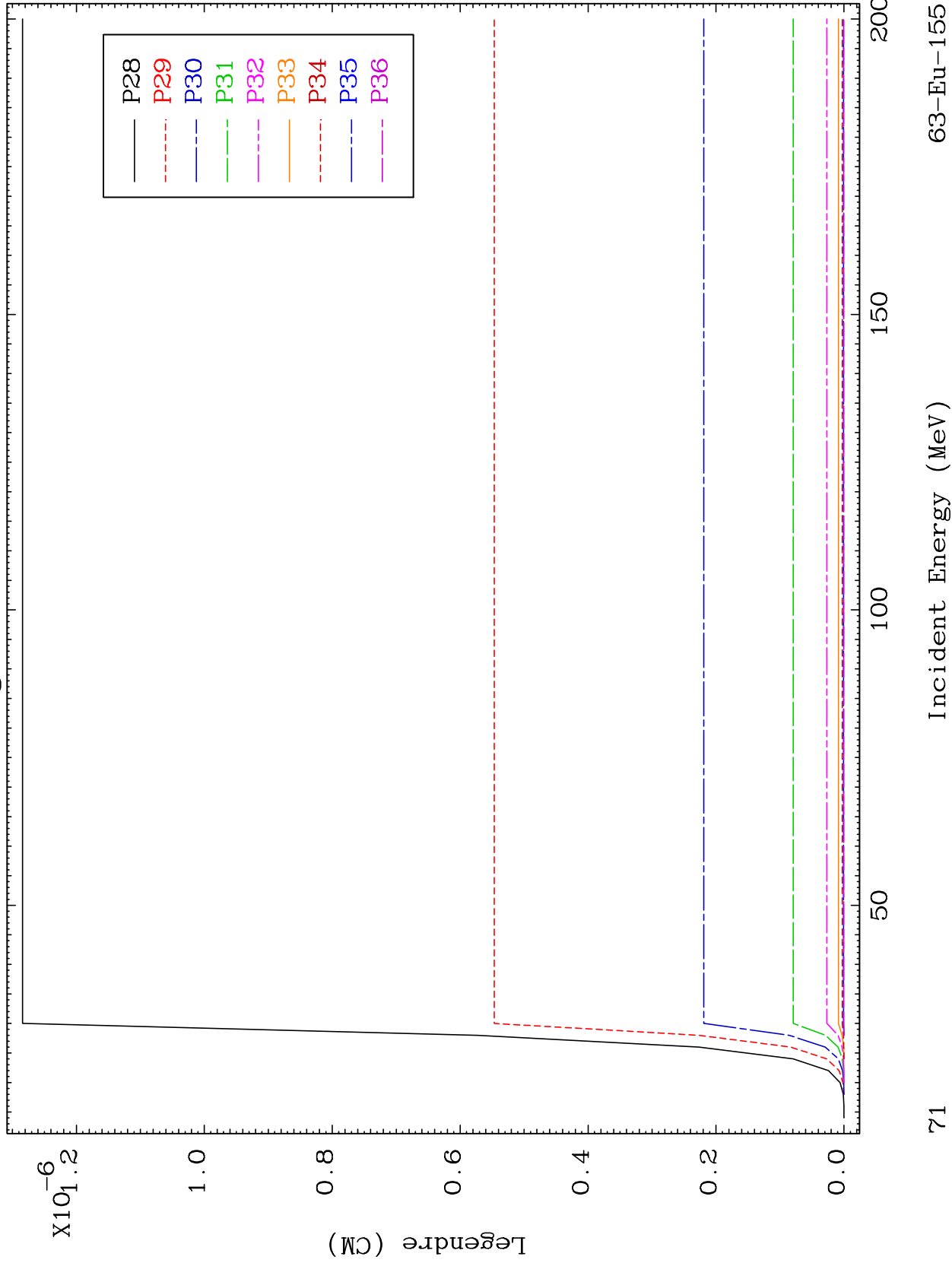
1

0

MAT 6337

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

63-Eu-155

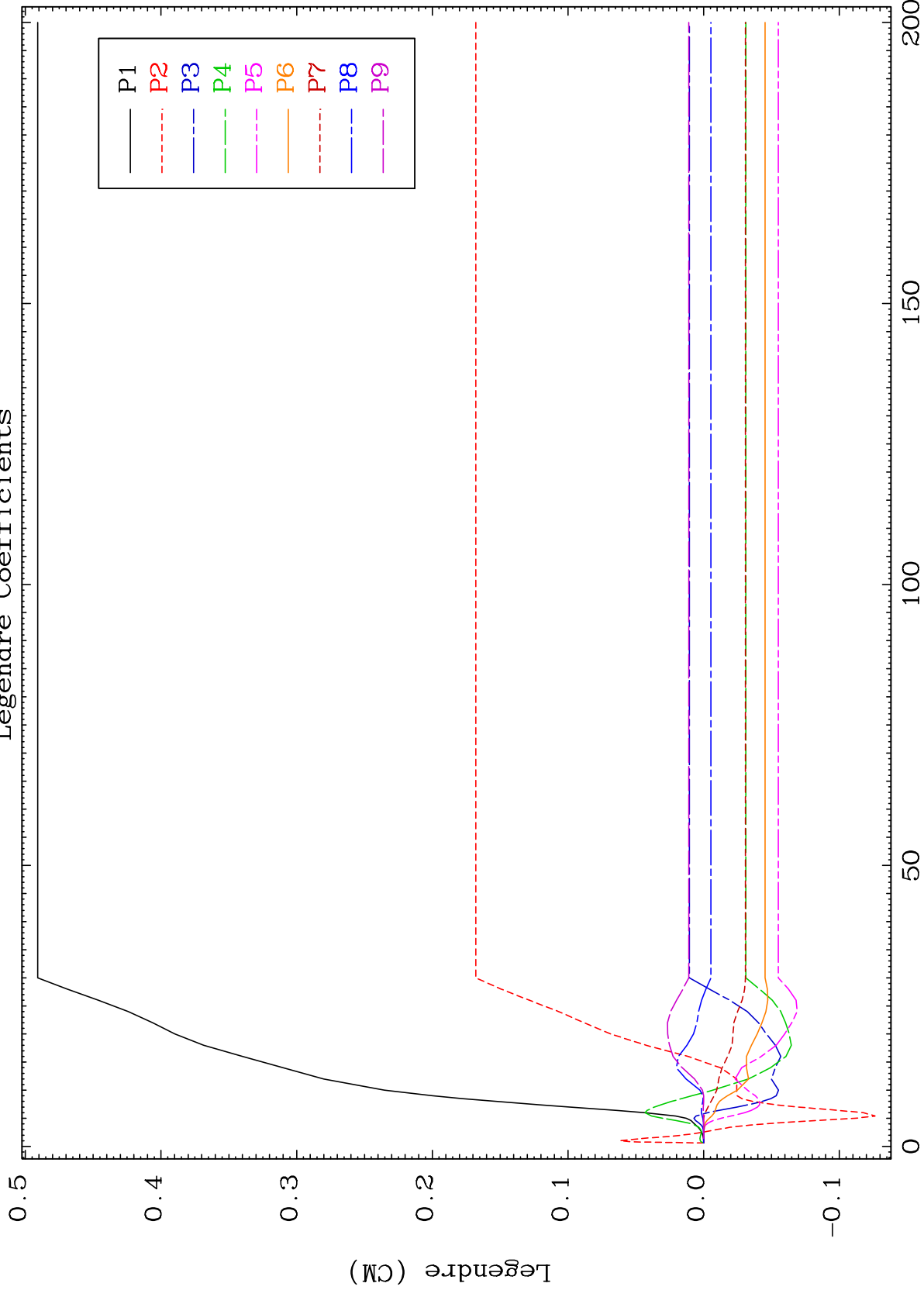




MAT 6337

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

63-Eu-155



72

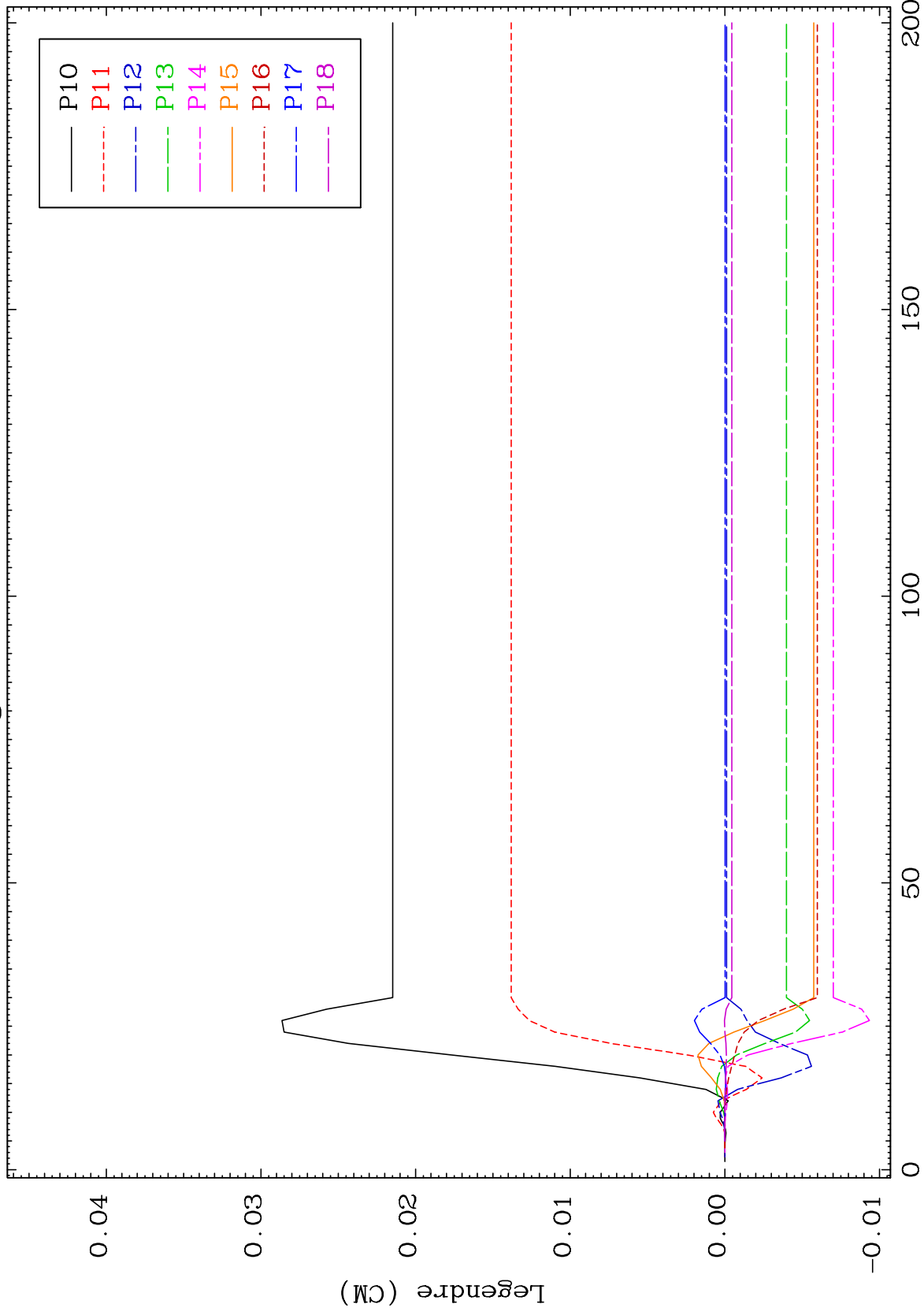
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



73

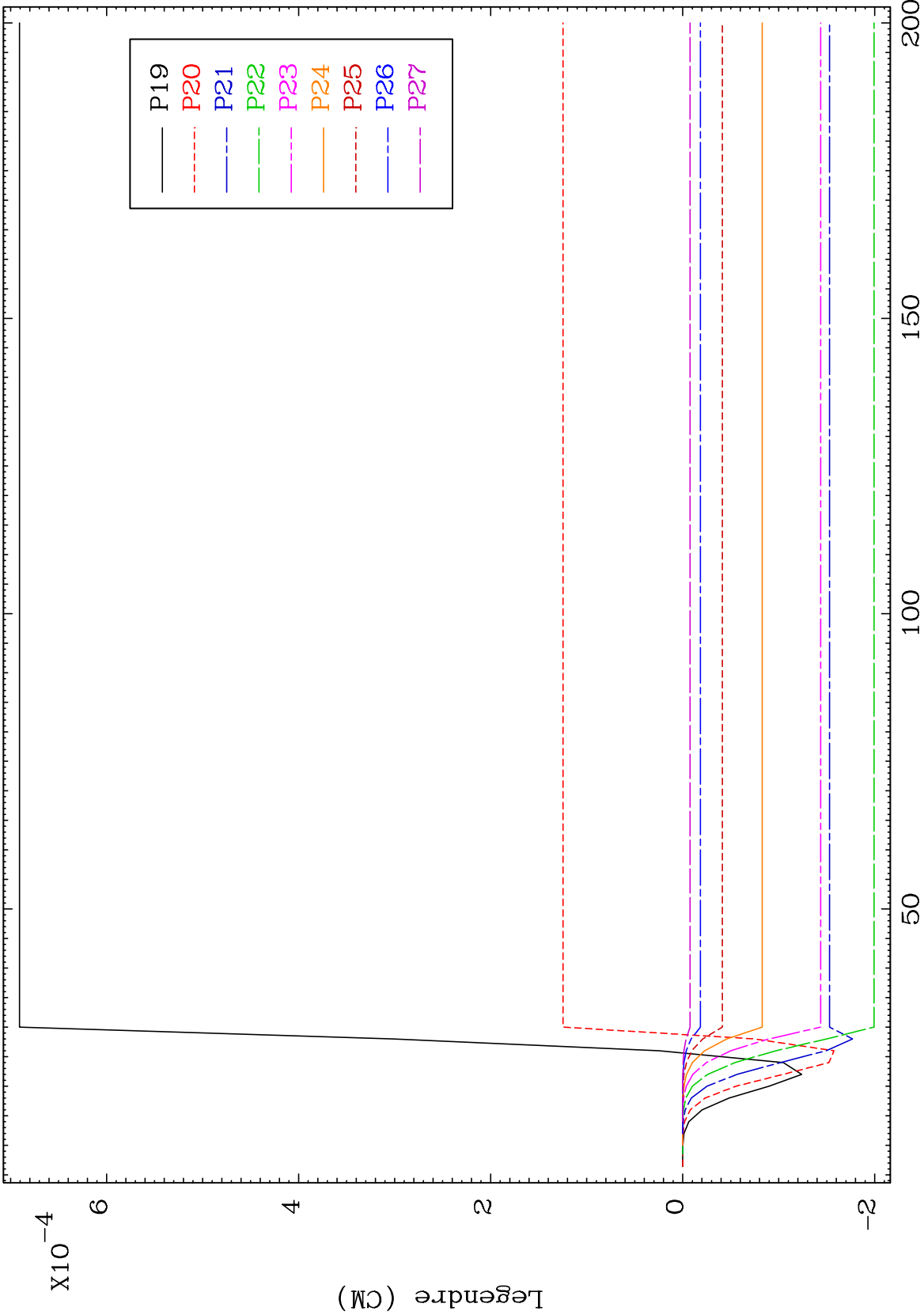
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



74

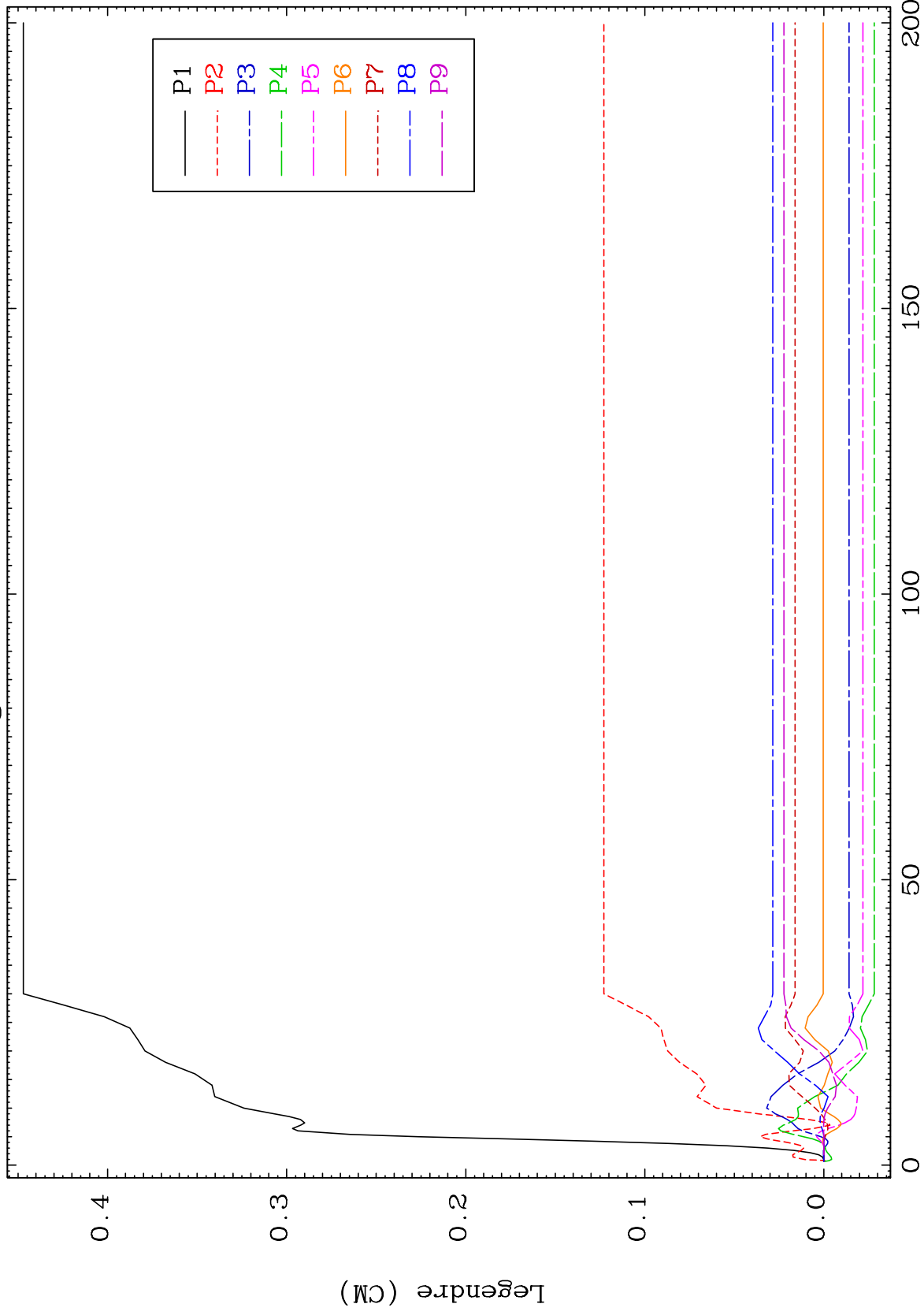
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

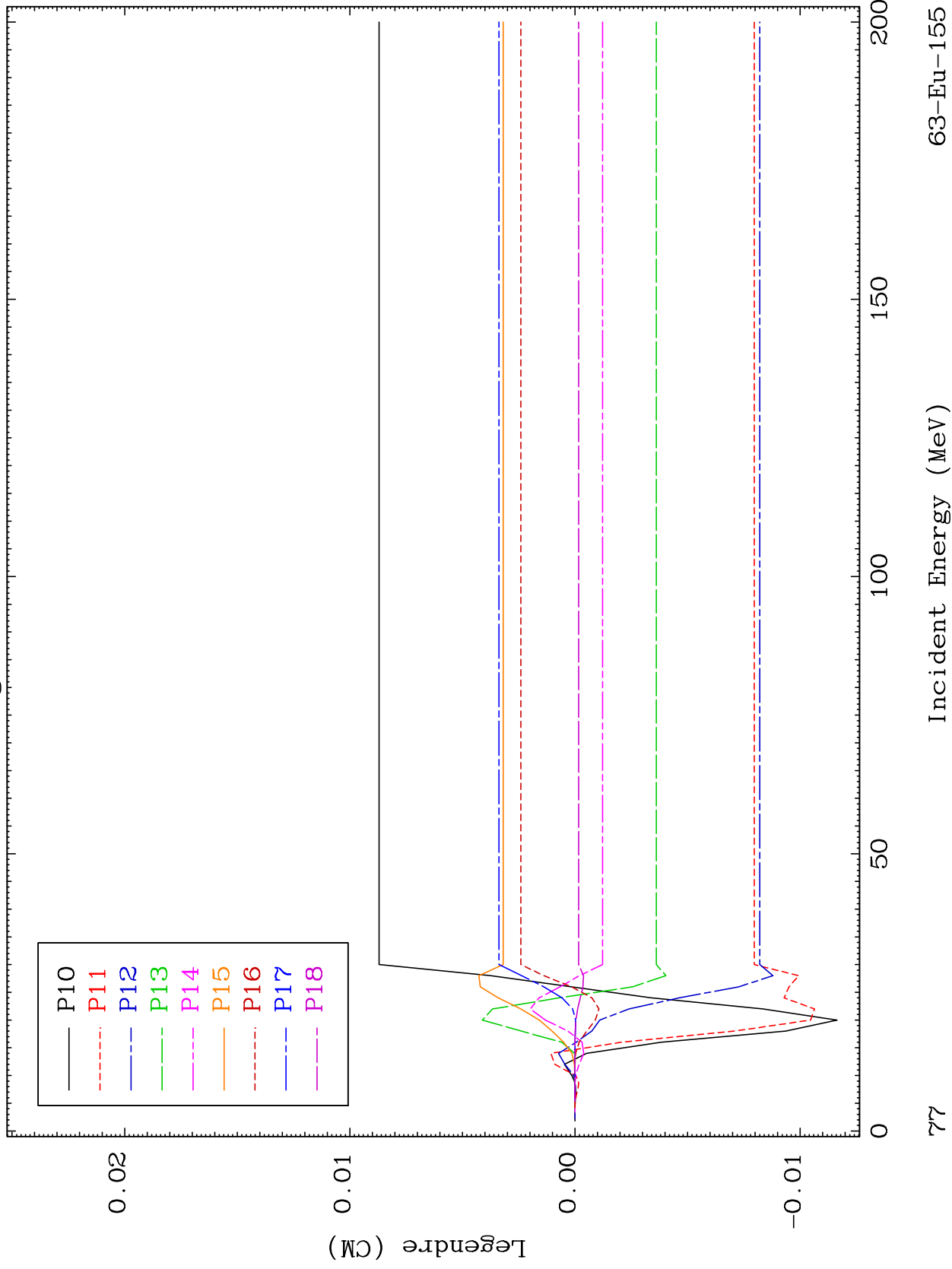
Incident Energy (MeV)

76

MAT 6337

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

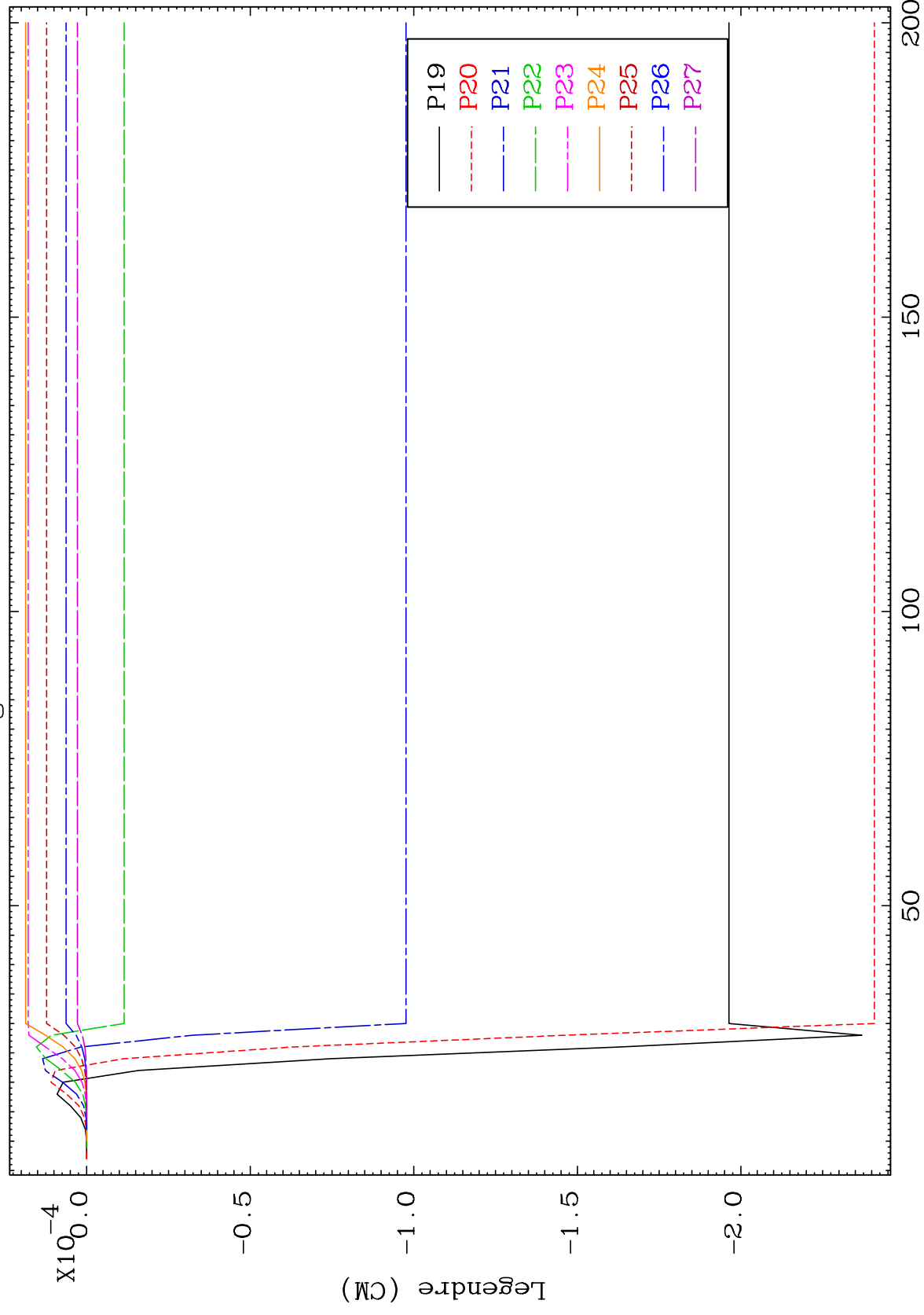
63-Eu-155



MAT 6337

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

63-Eu-155



78

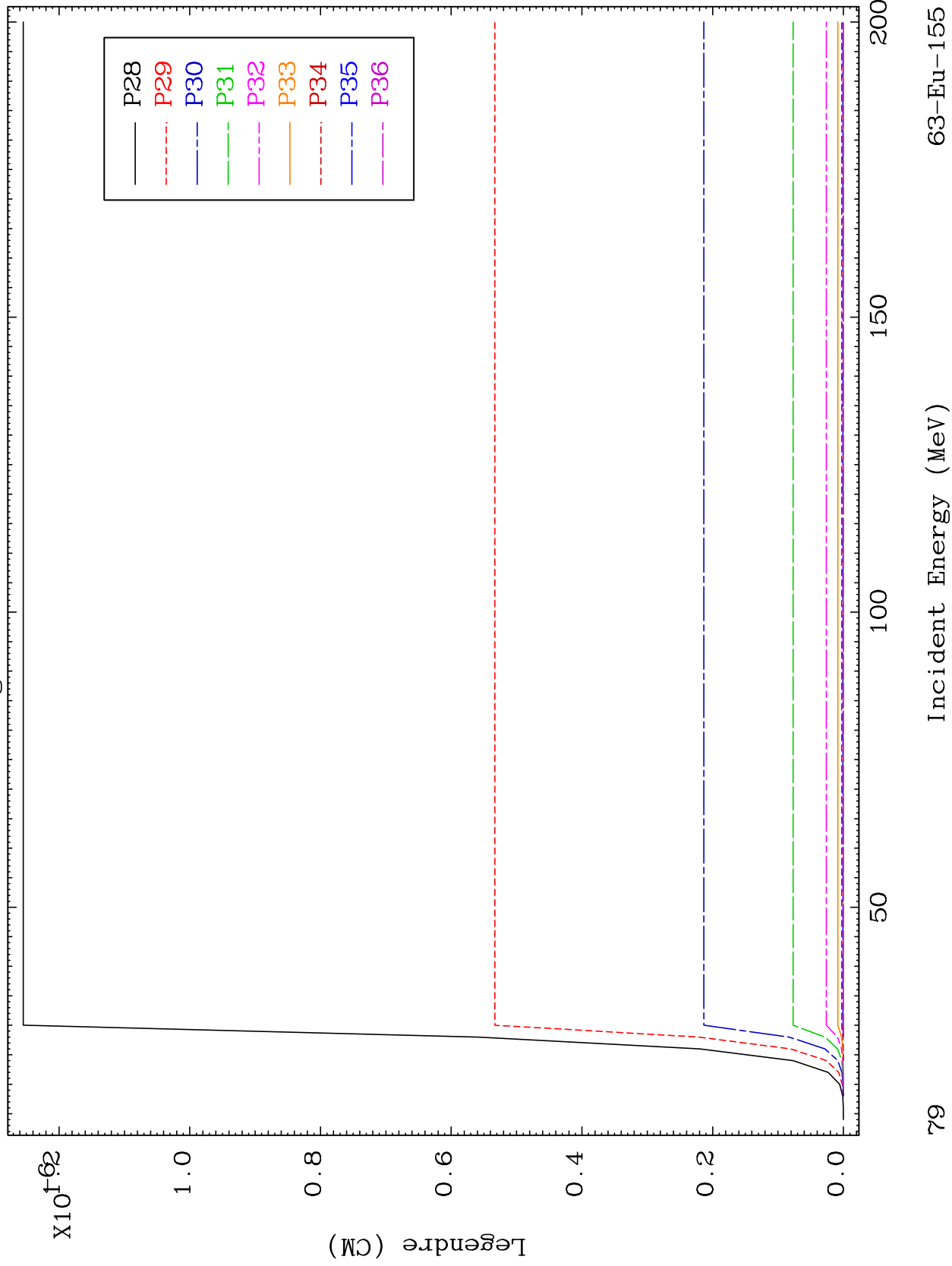
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155

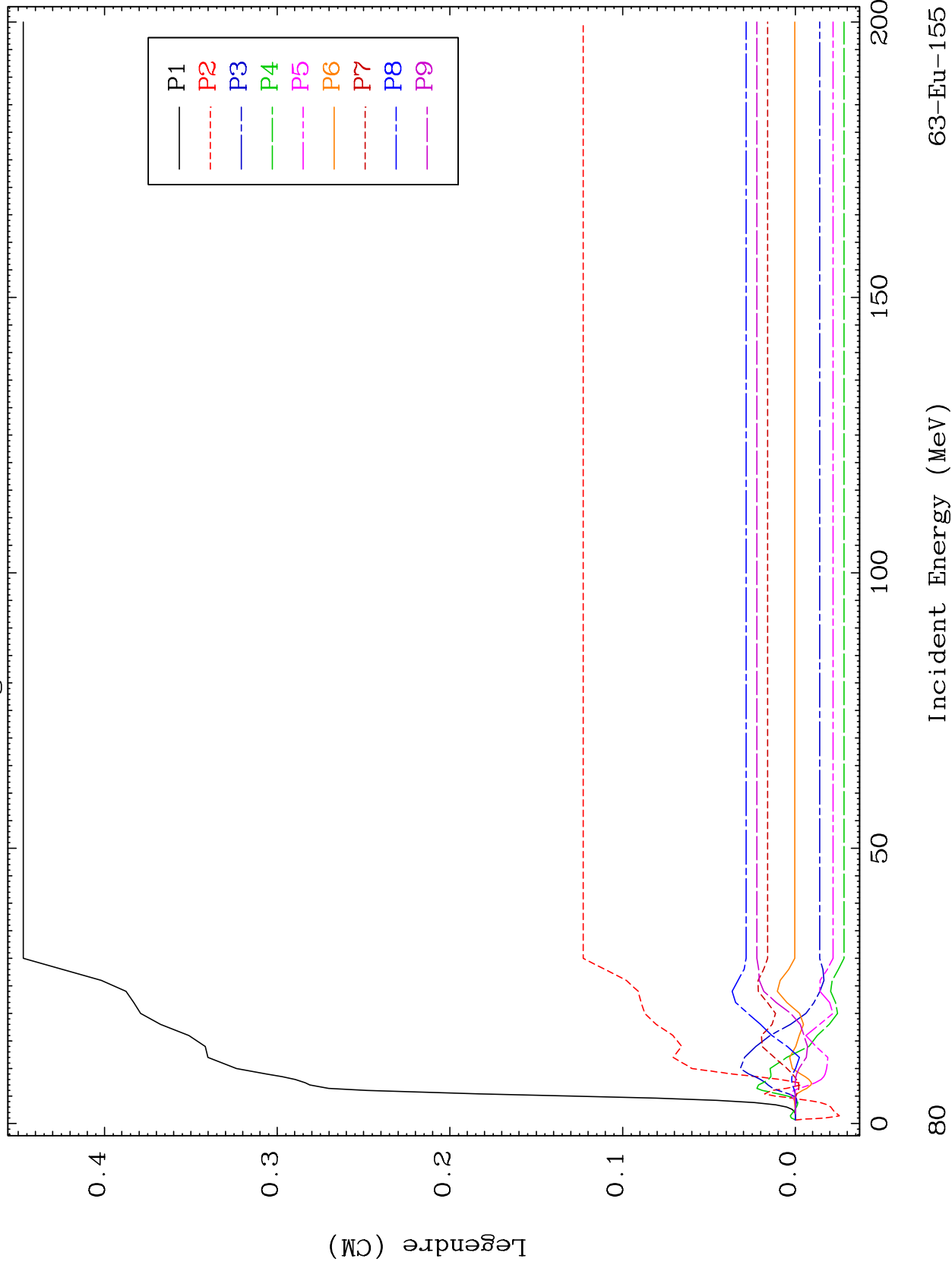




MAT 6337

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

63-Eu-155



63-Eu-155

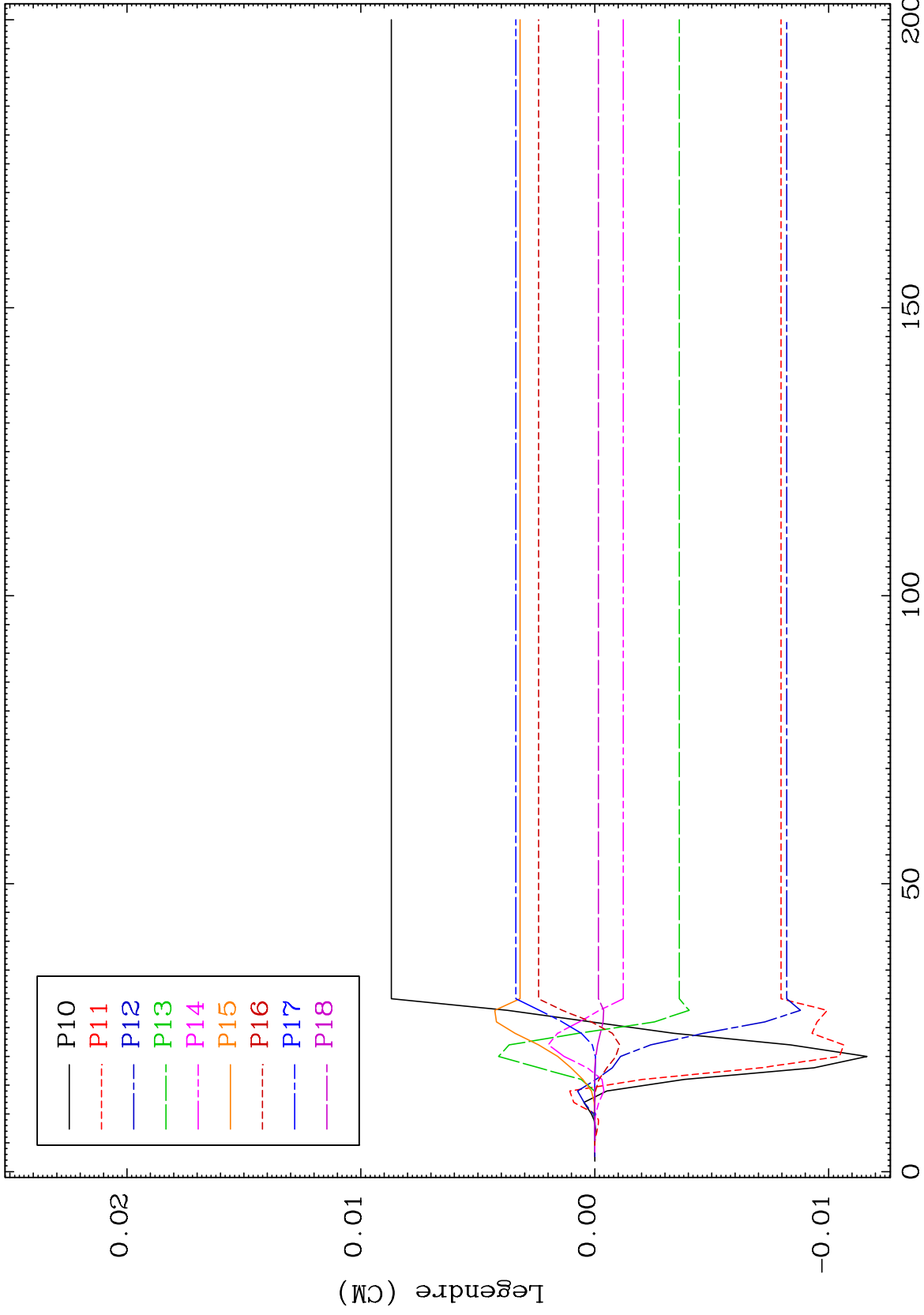
Incident Energy (MeV)

80

MAT 6337

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

63-Eu-155



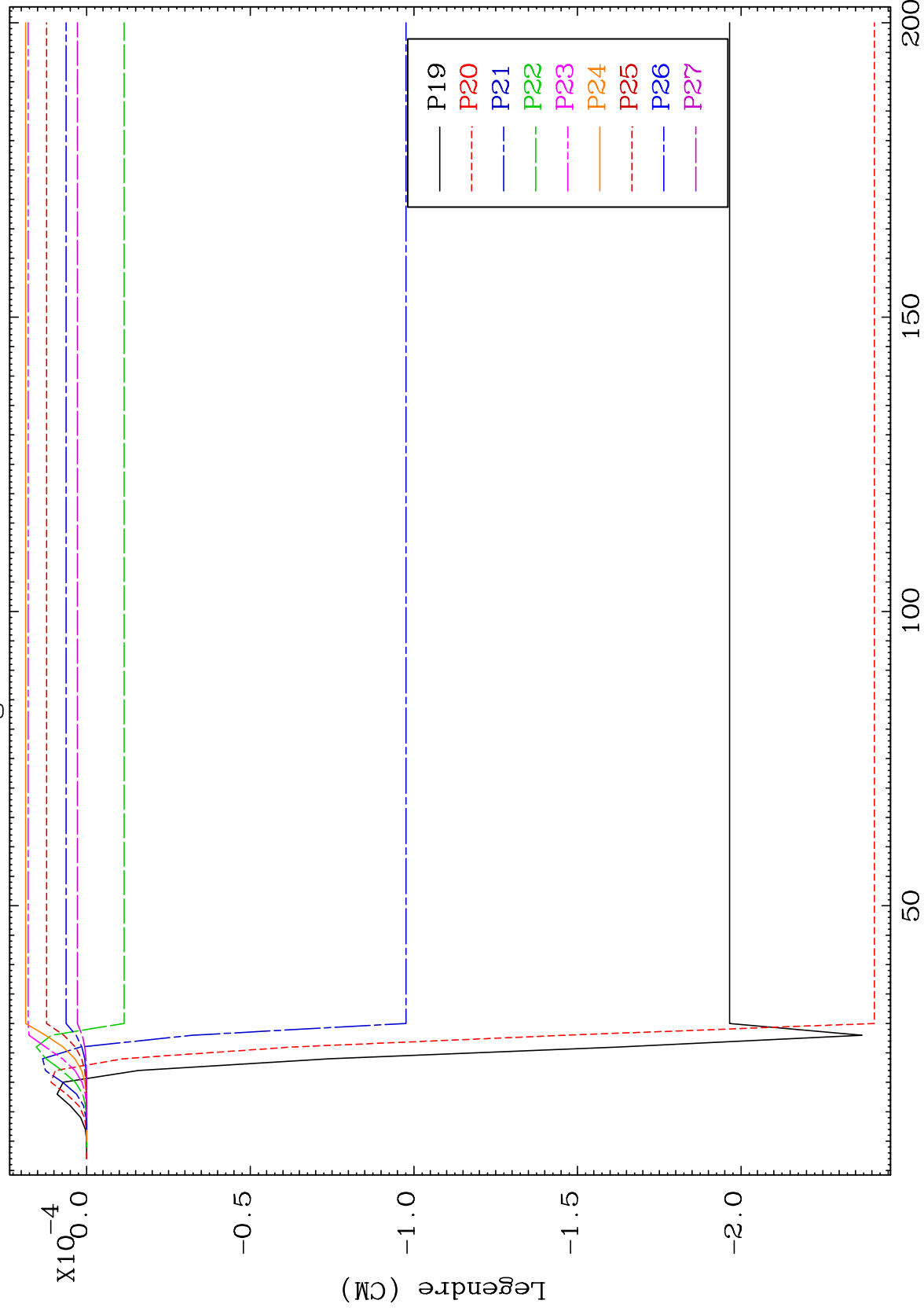
81

63-Eu-155

MAT 6337

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

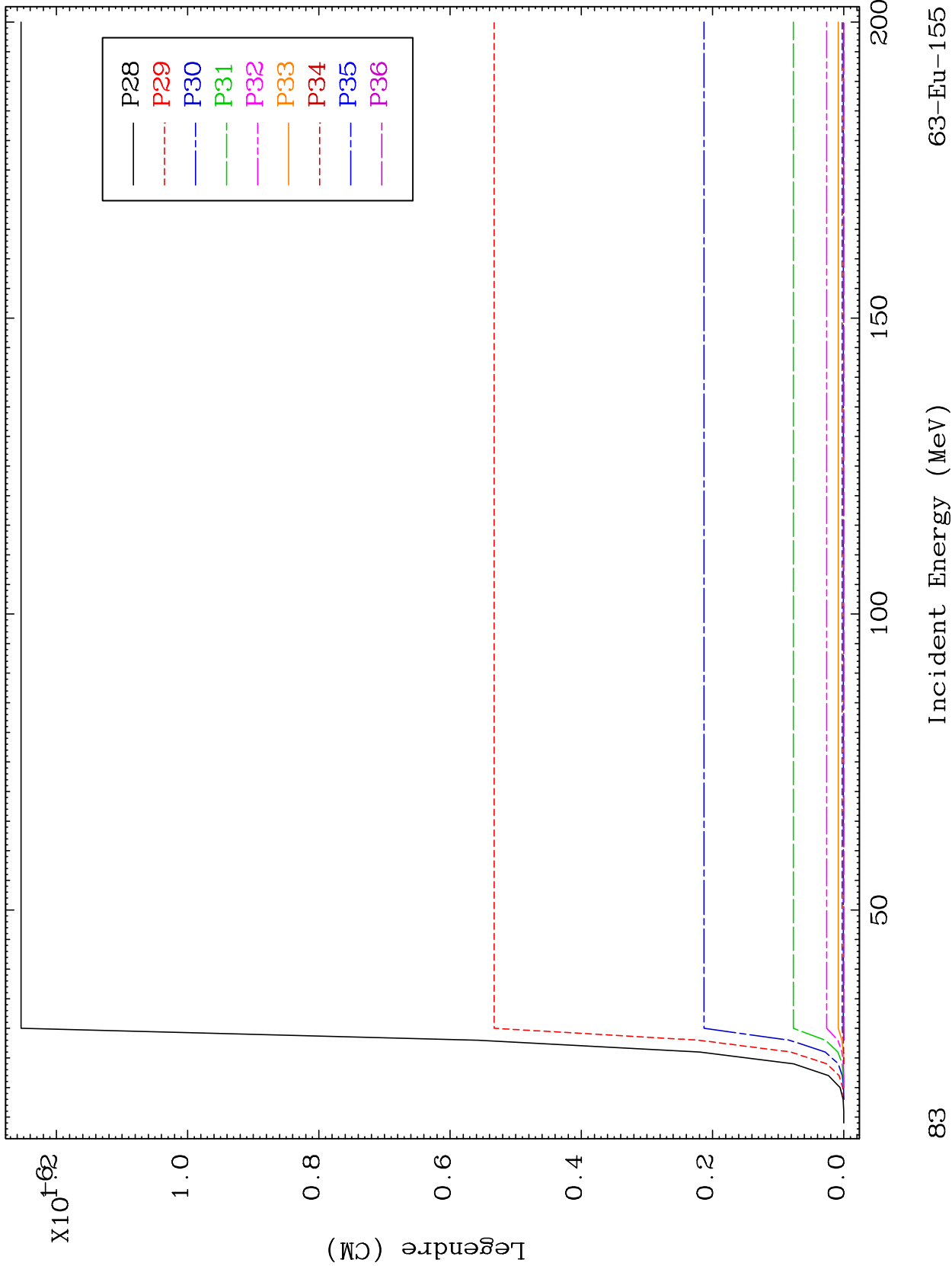
63-Eu-155



MAT 6337

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

63-Eu-155



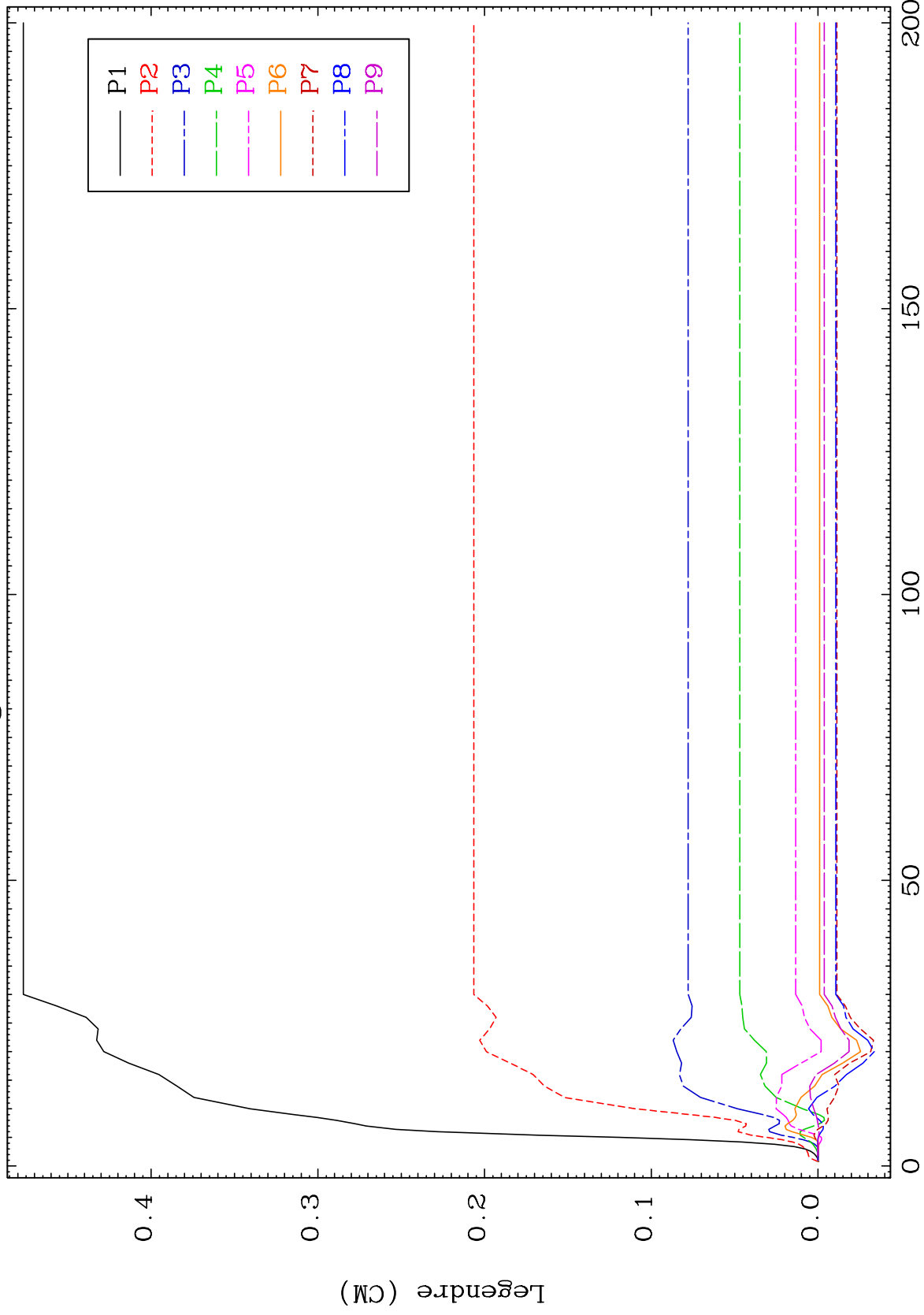
83

63-Eu-155

MAT 6337

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

63-Eu-155



84

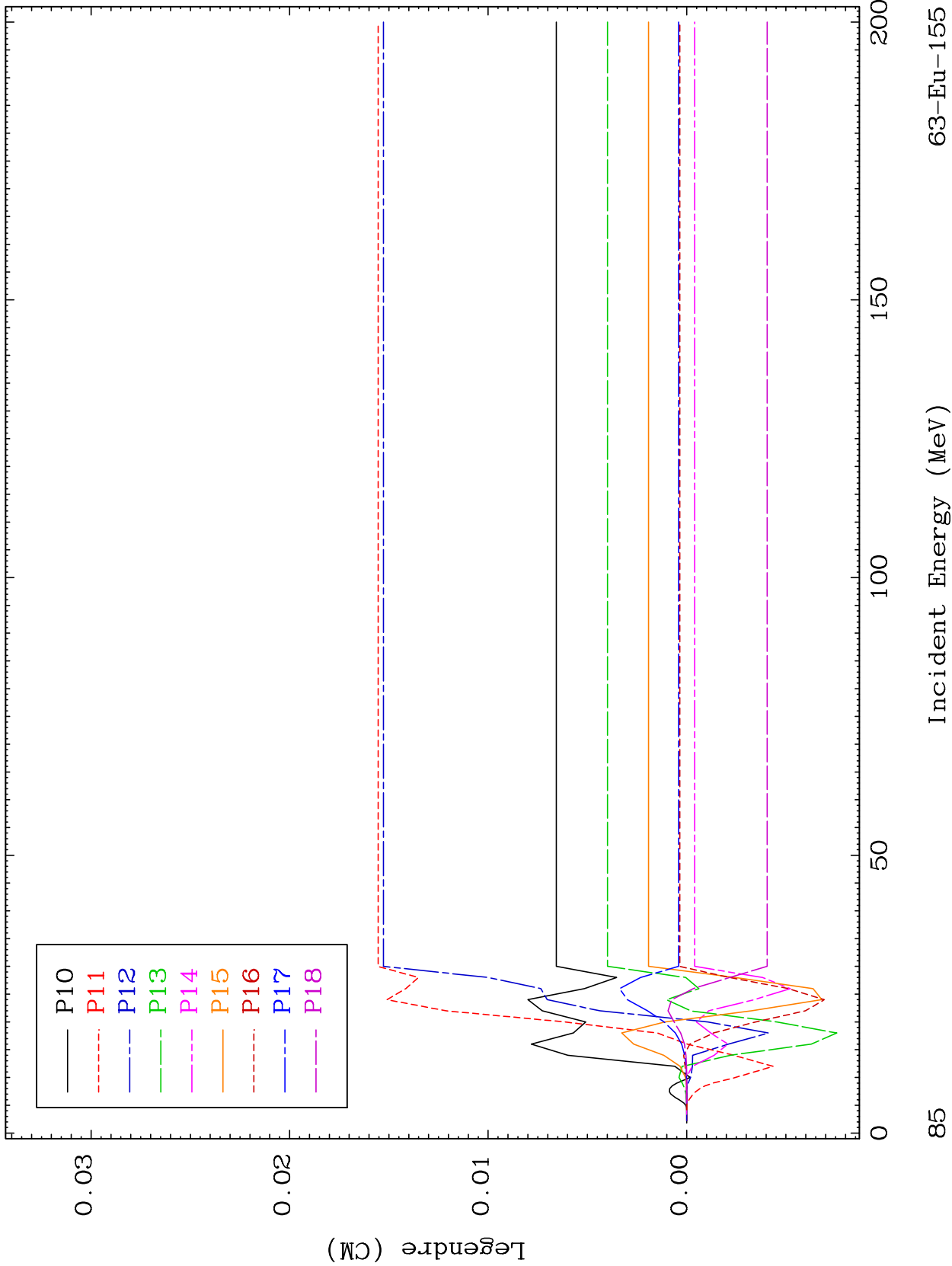
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

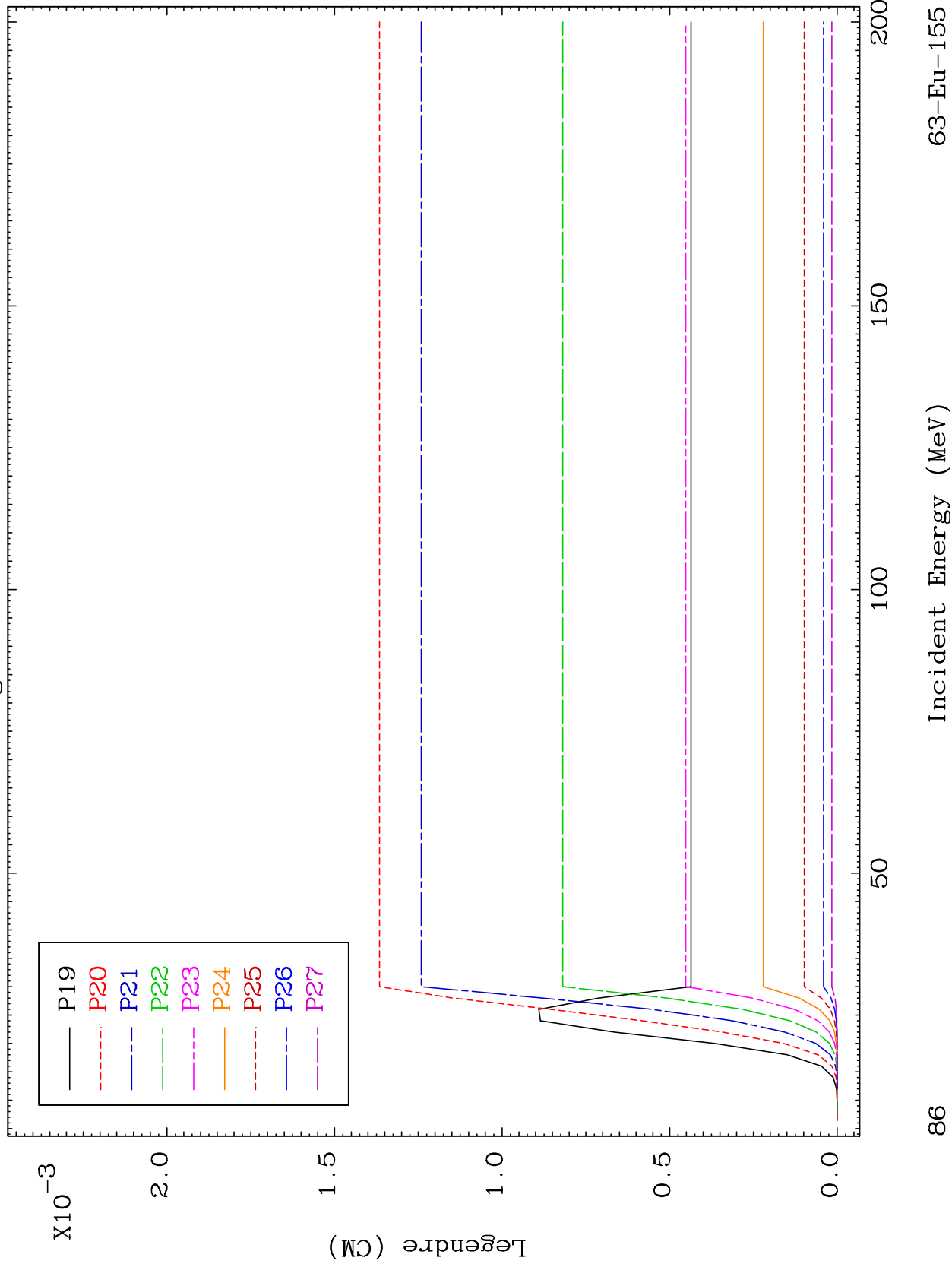
63-Eu-155



63-Eu-155

Incident Energy (MeV)

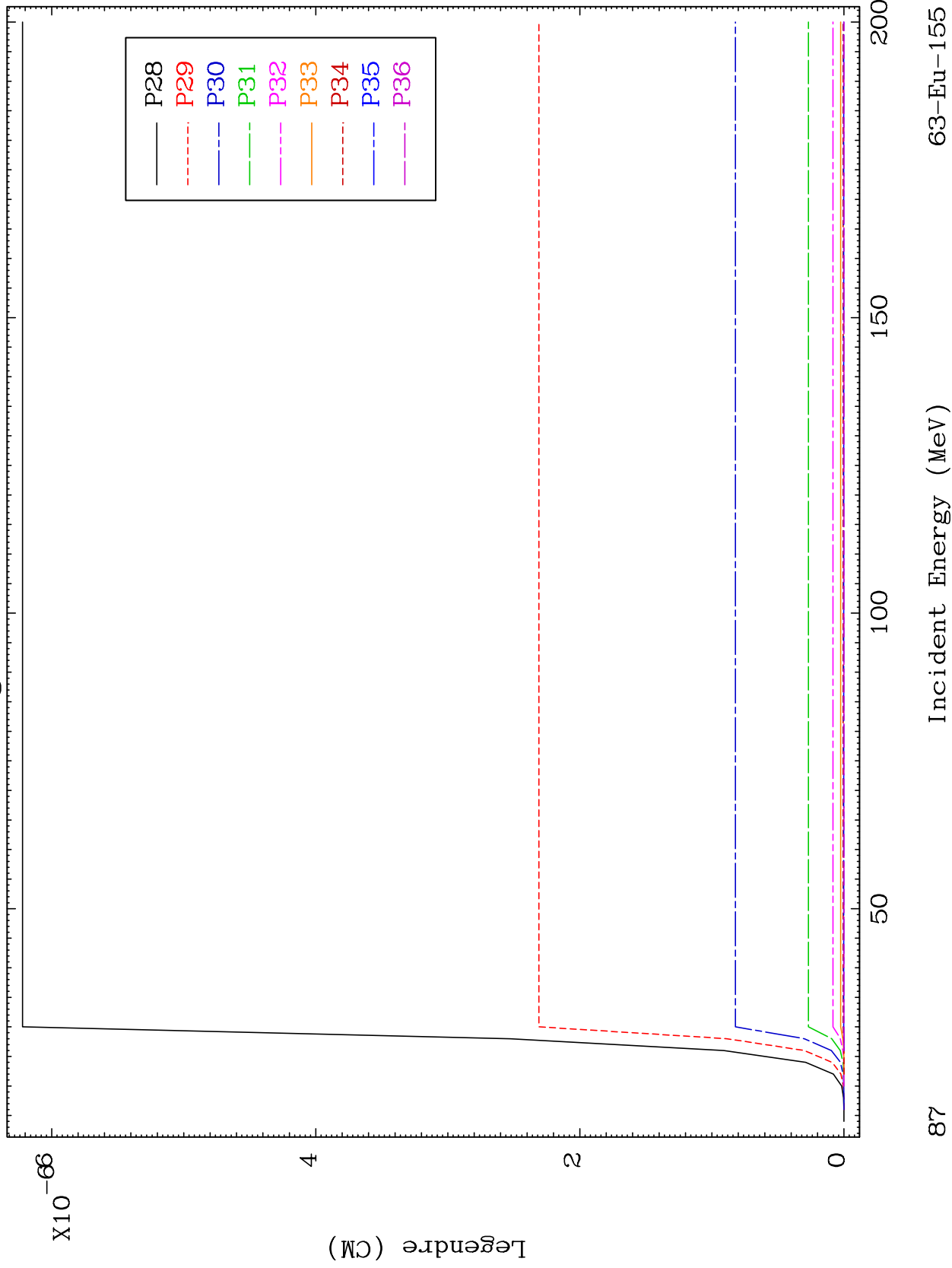
85



MAT 6337

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

63-Eu-155

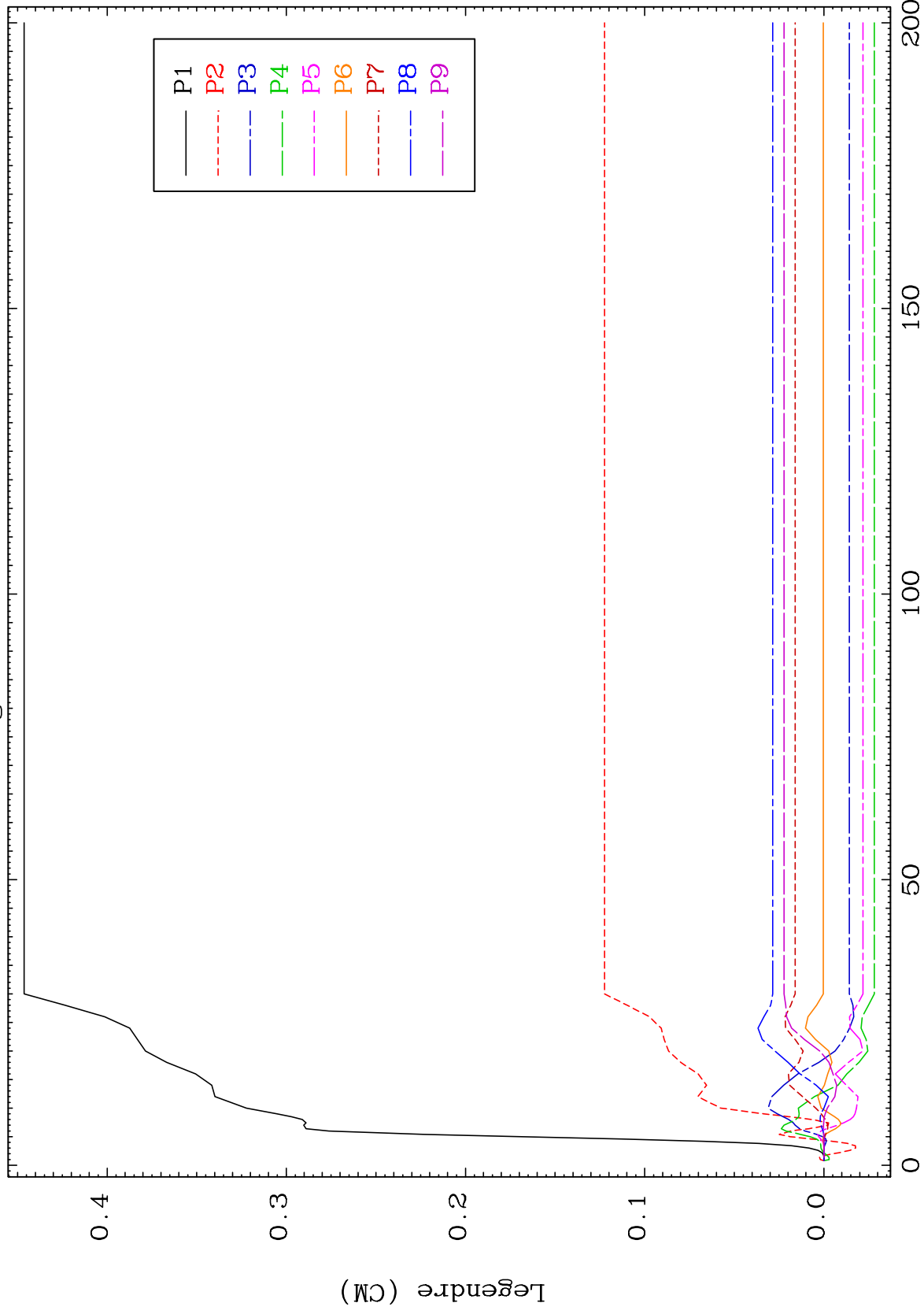




MAT 6337

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

63-Eu-155



88

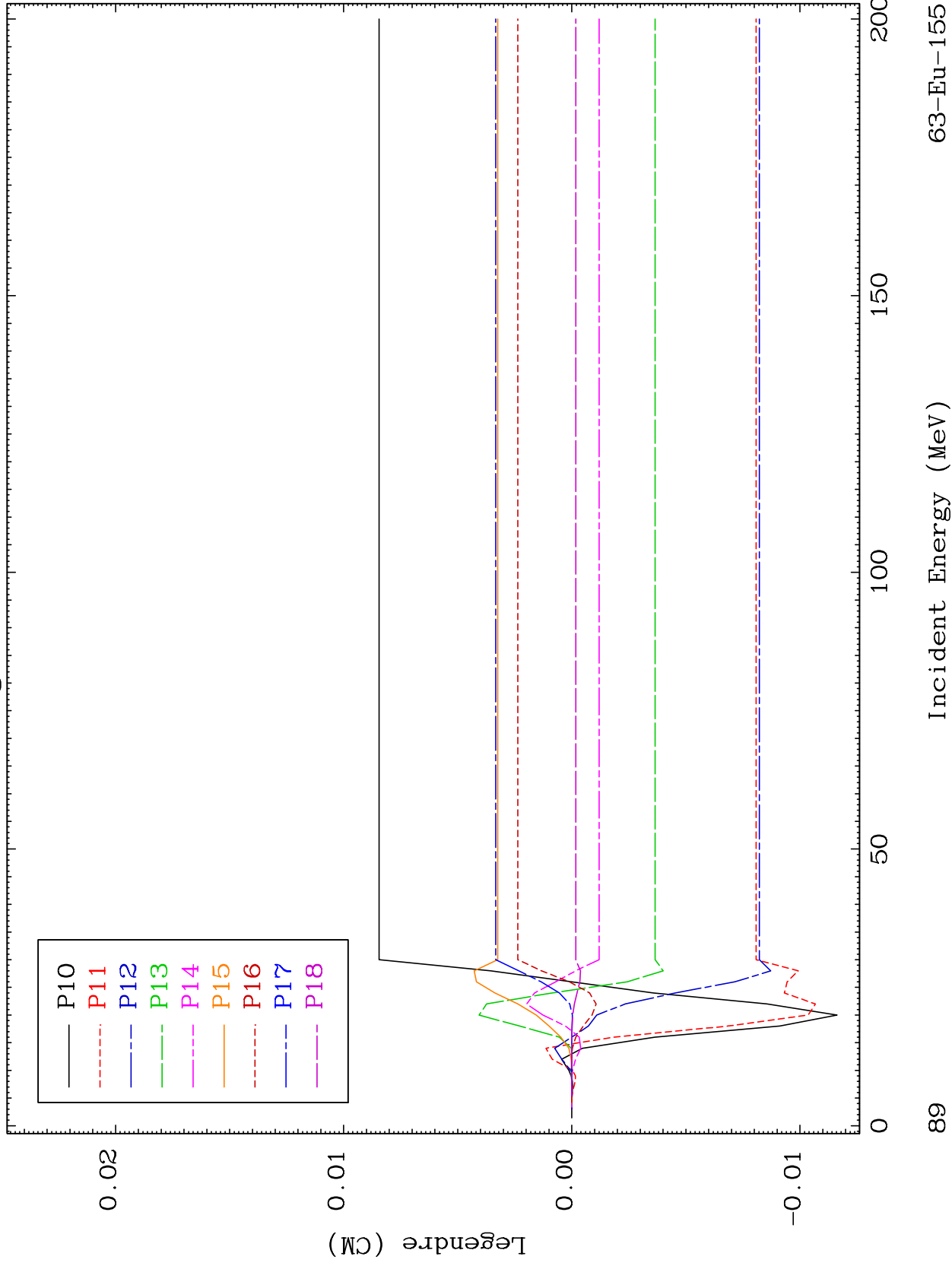
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



89

Incident Energy (MeV)

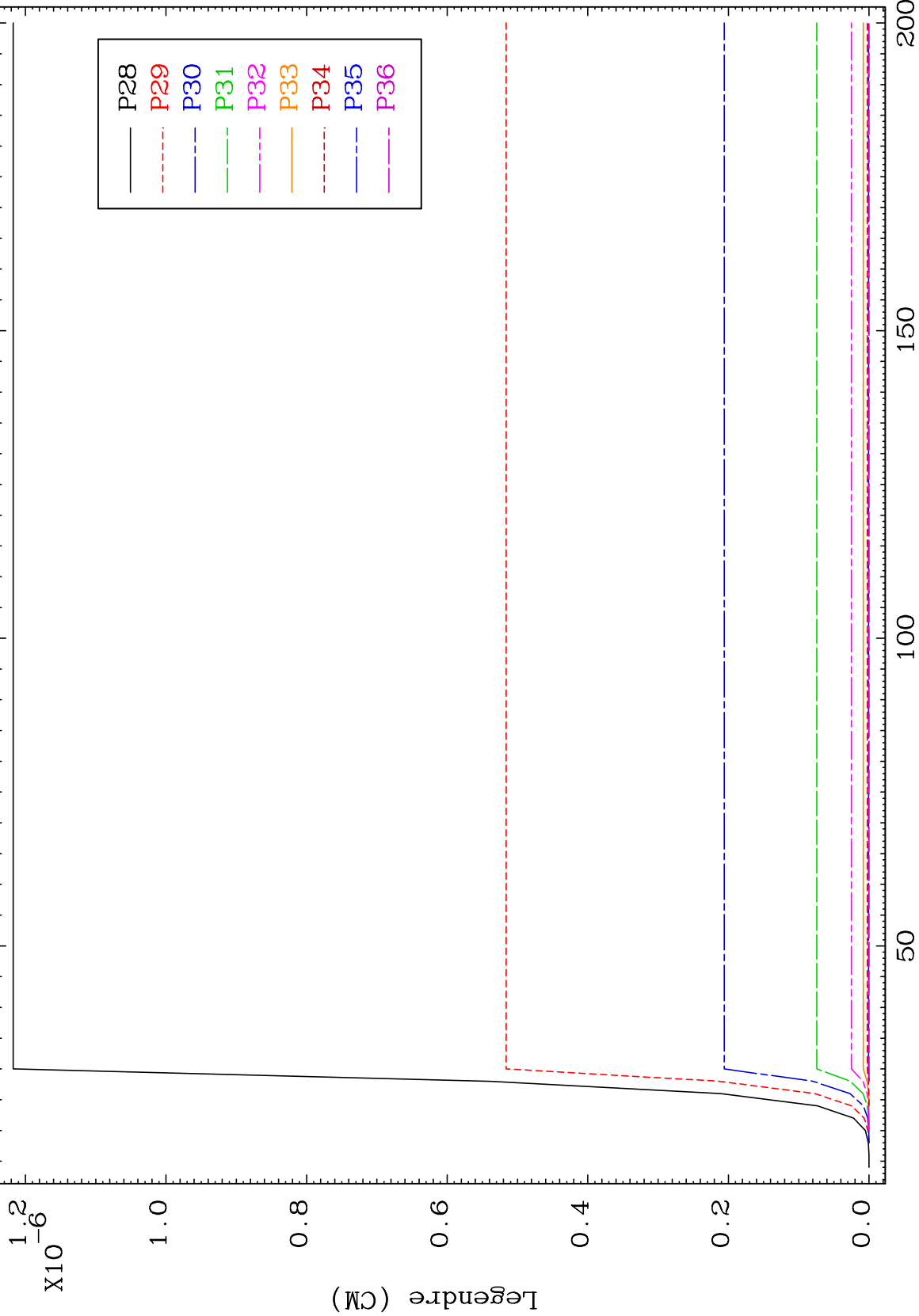
63-Eu-155



MAT 6337

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

63-Eu-155



91

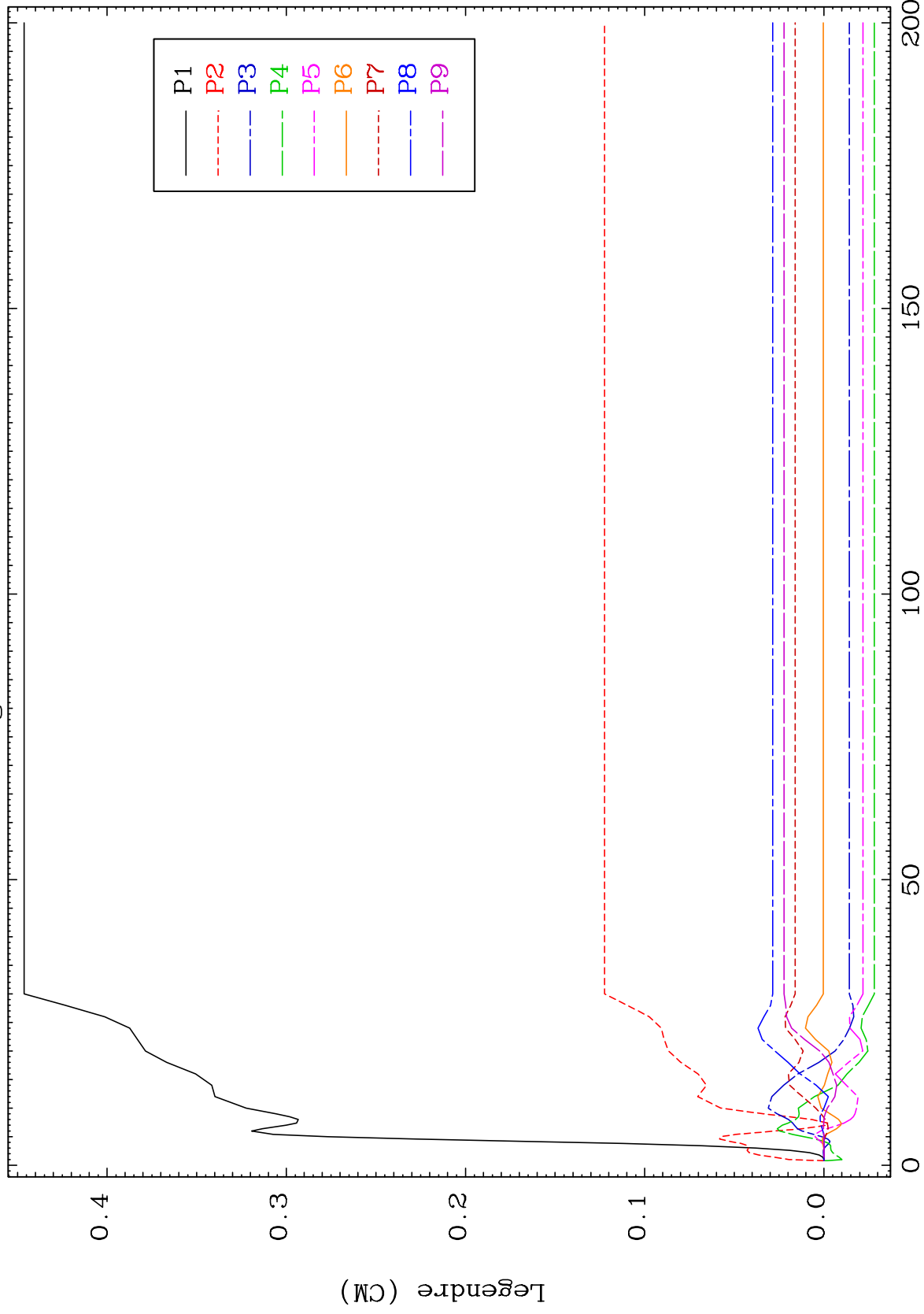
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



92

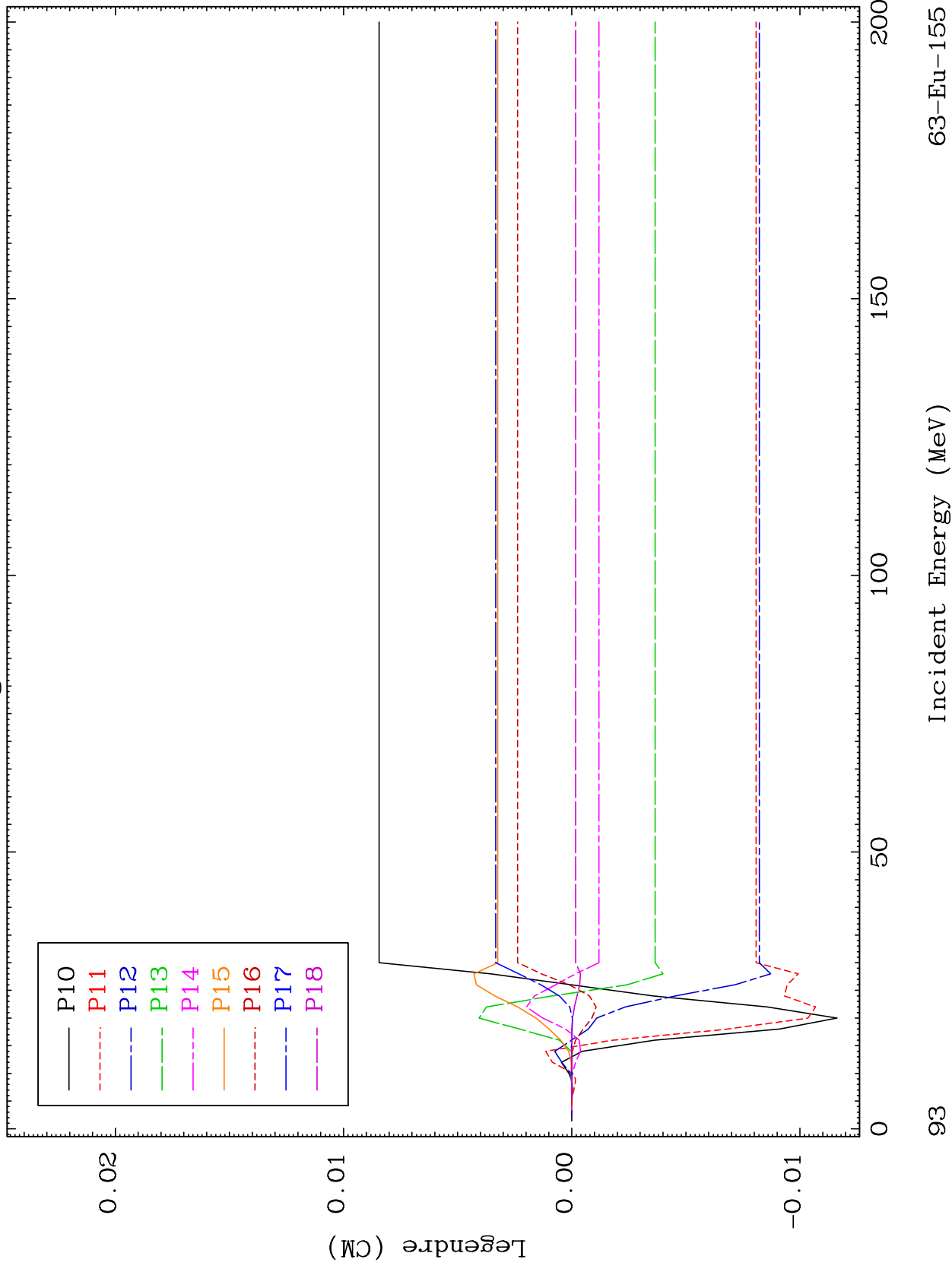
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



93

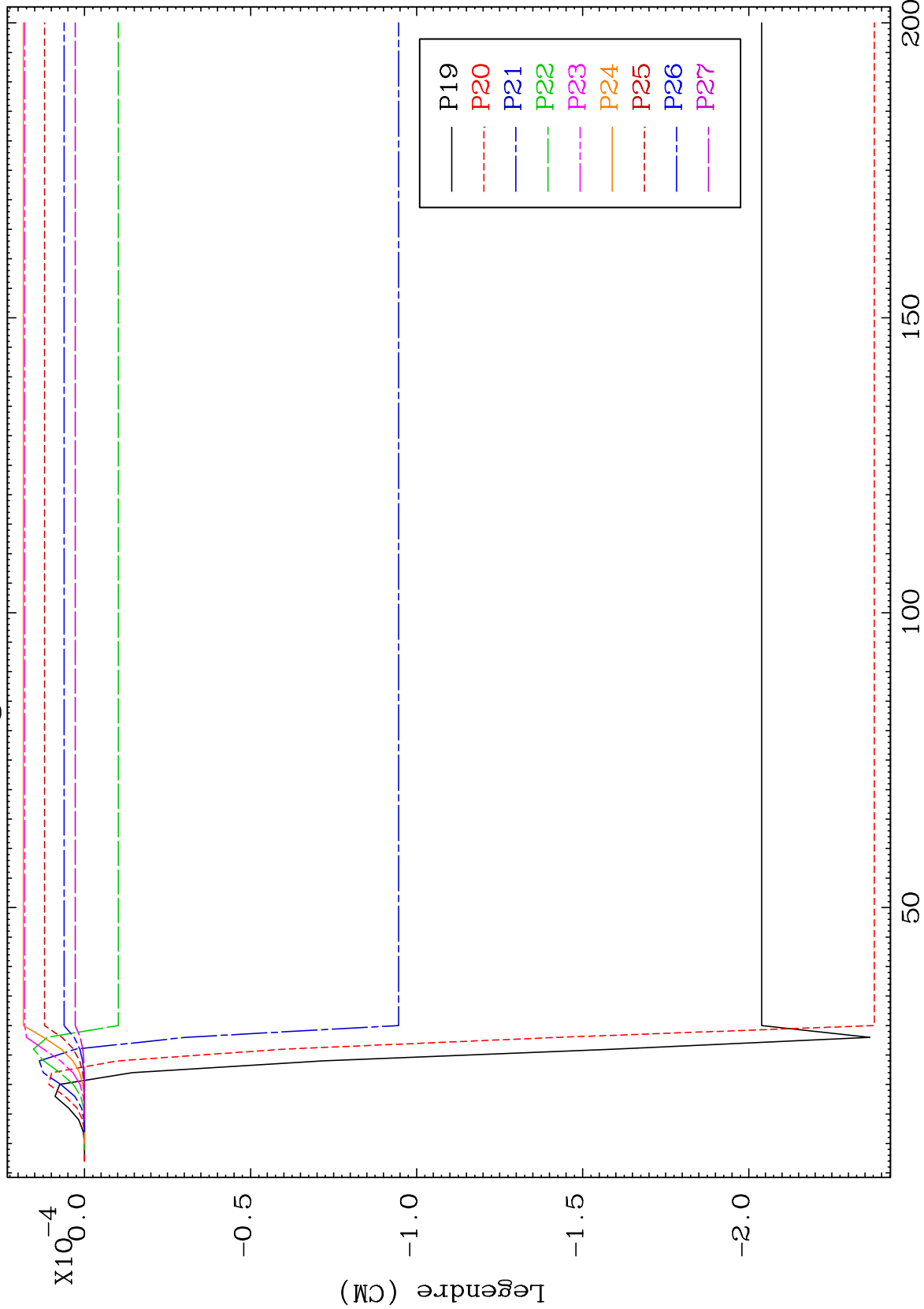
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

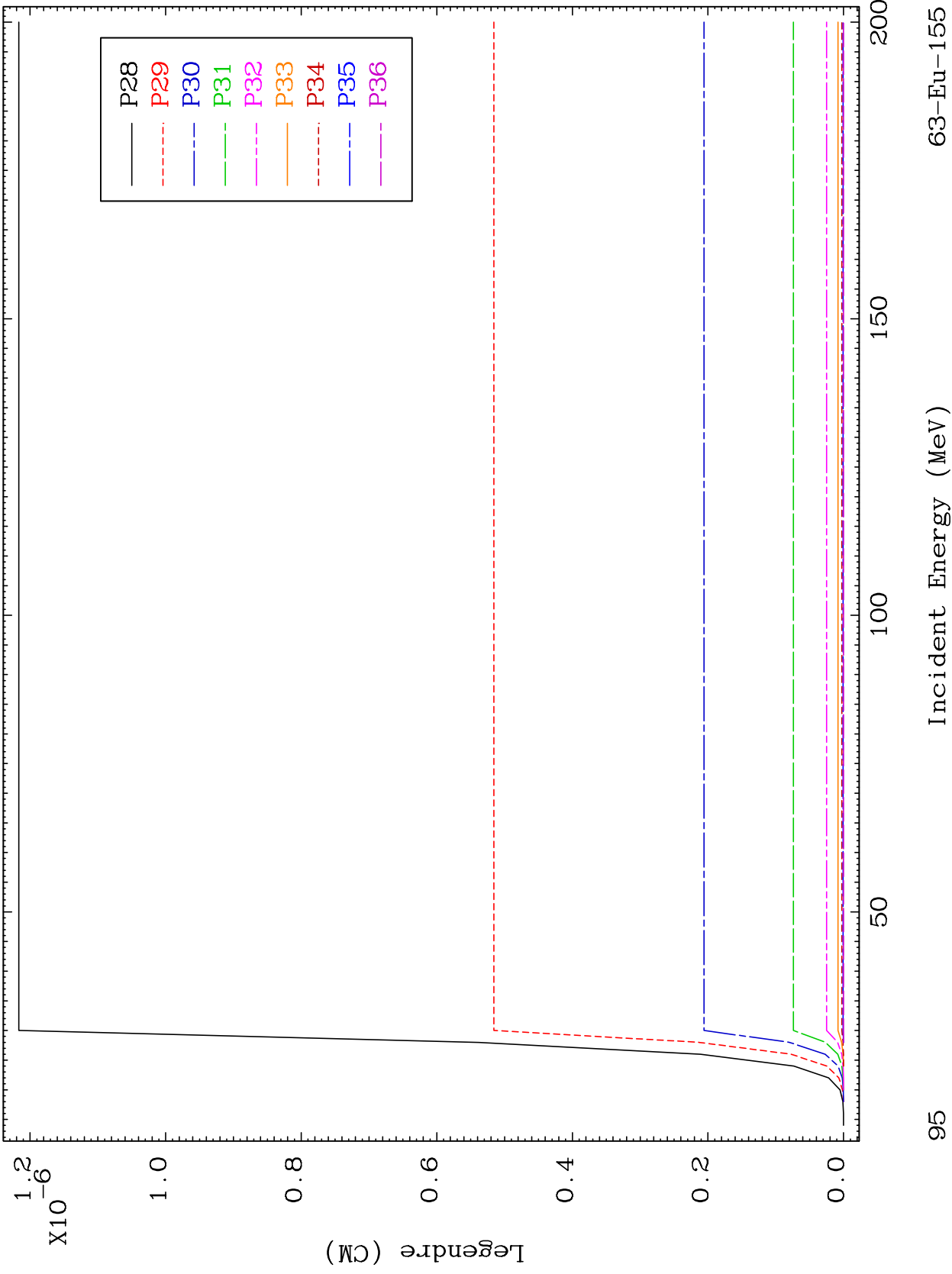
63-Eu-155



MAT 6337

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

63-Eu-155



95

Incident Energy (MeV)

63-Eu-155

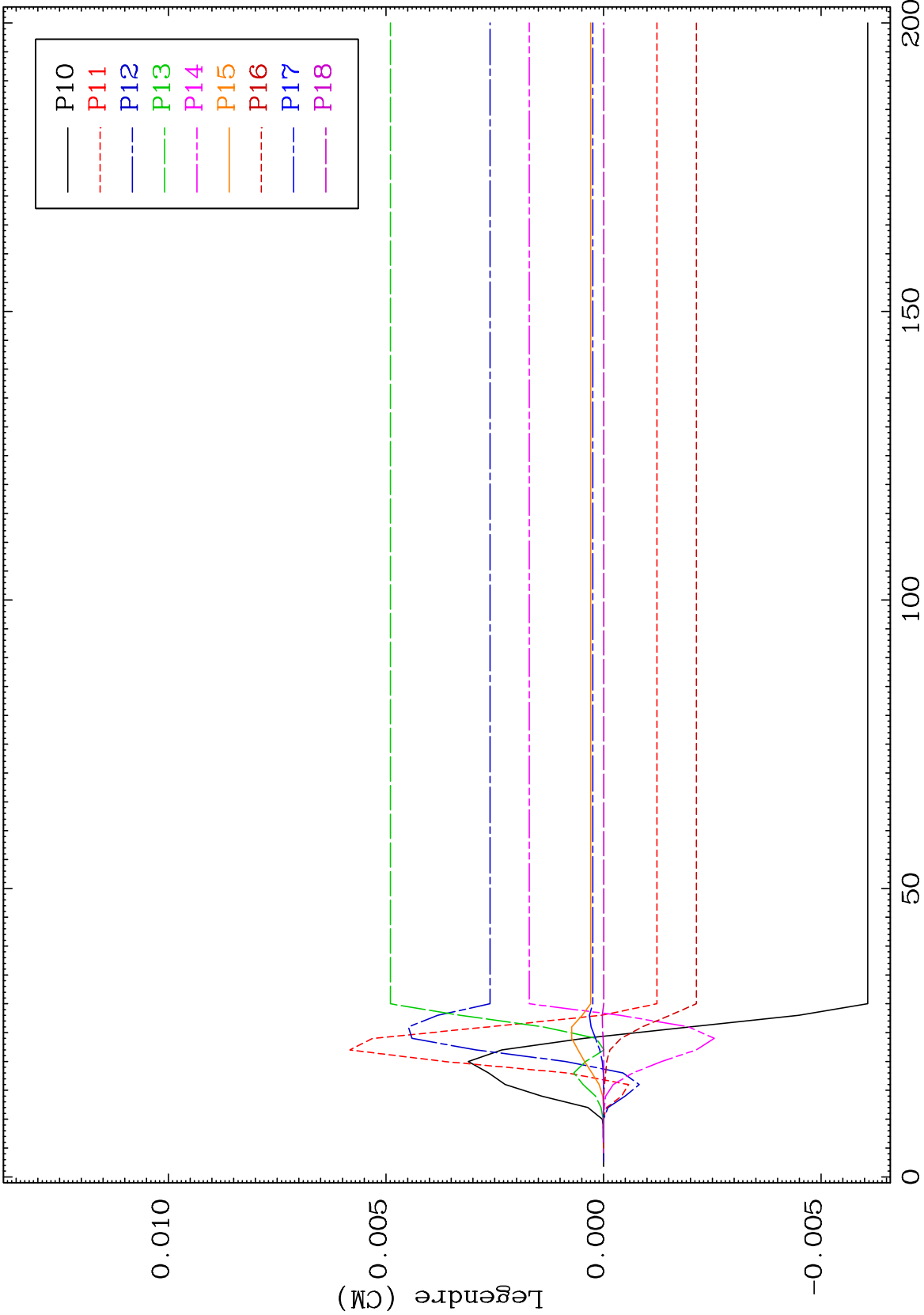




MAT 6337

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

63-Eu-155



97

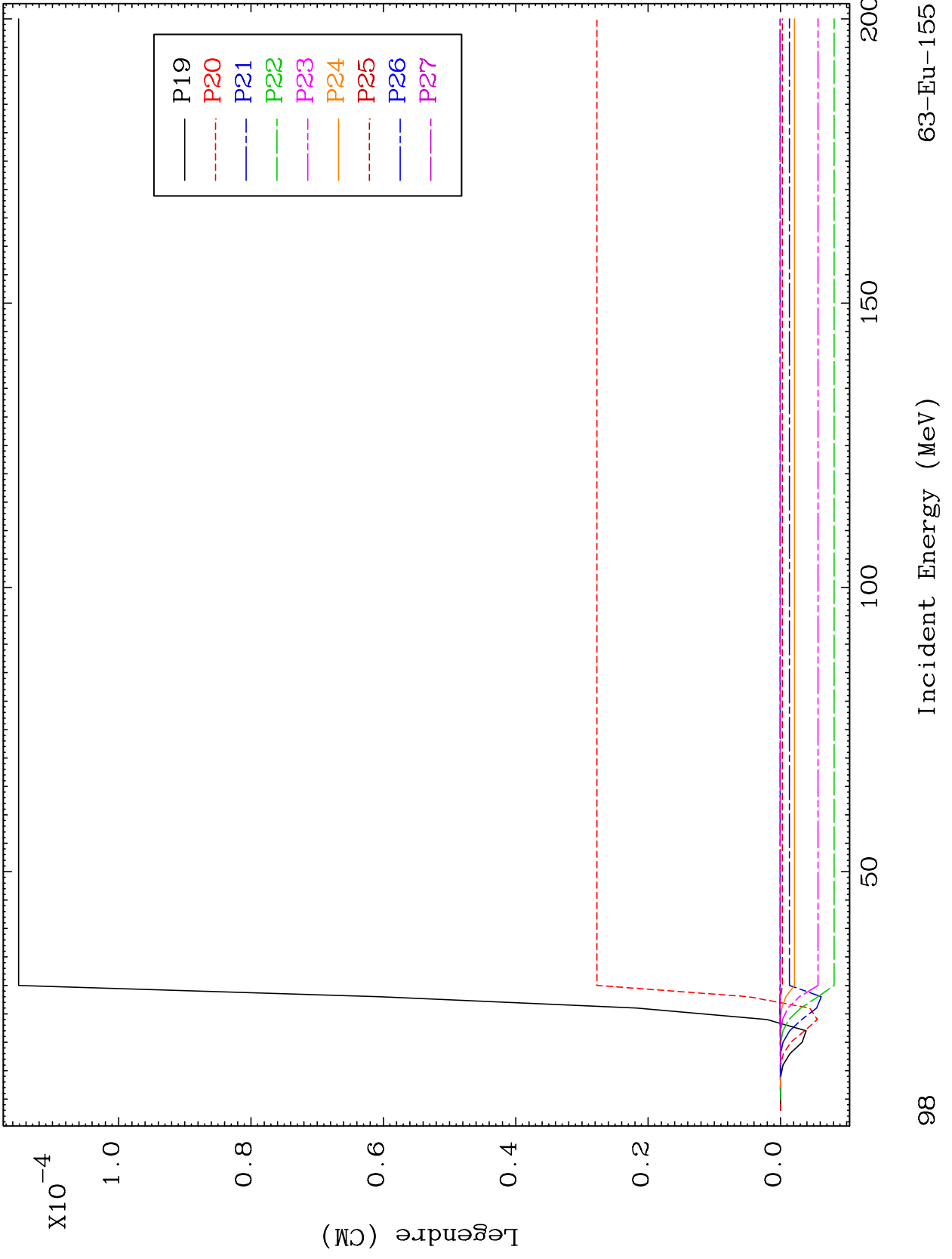
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

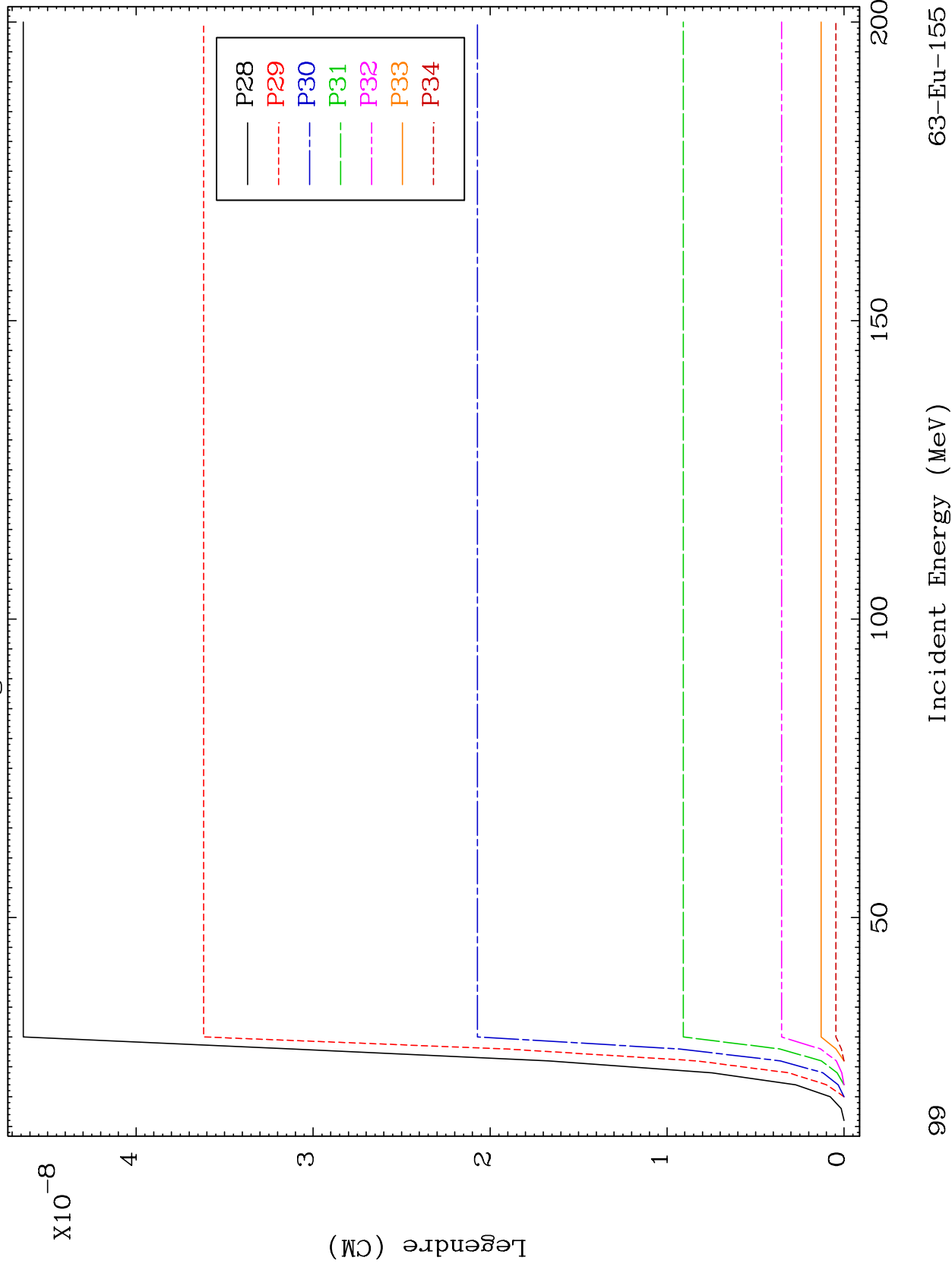
63-Eu-155



MAT 6337

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

63-Eu-155



99

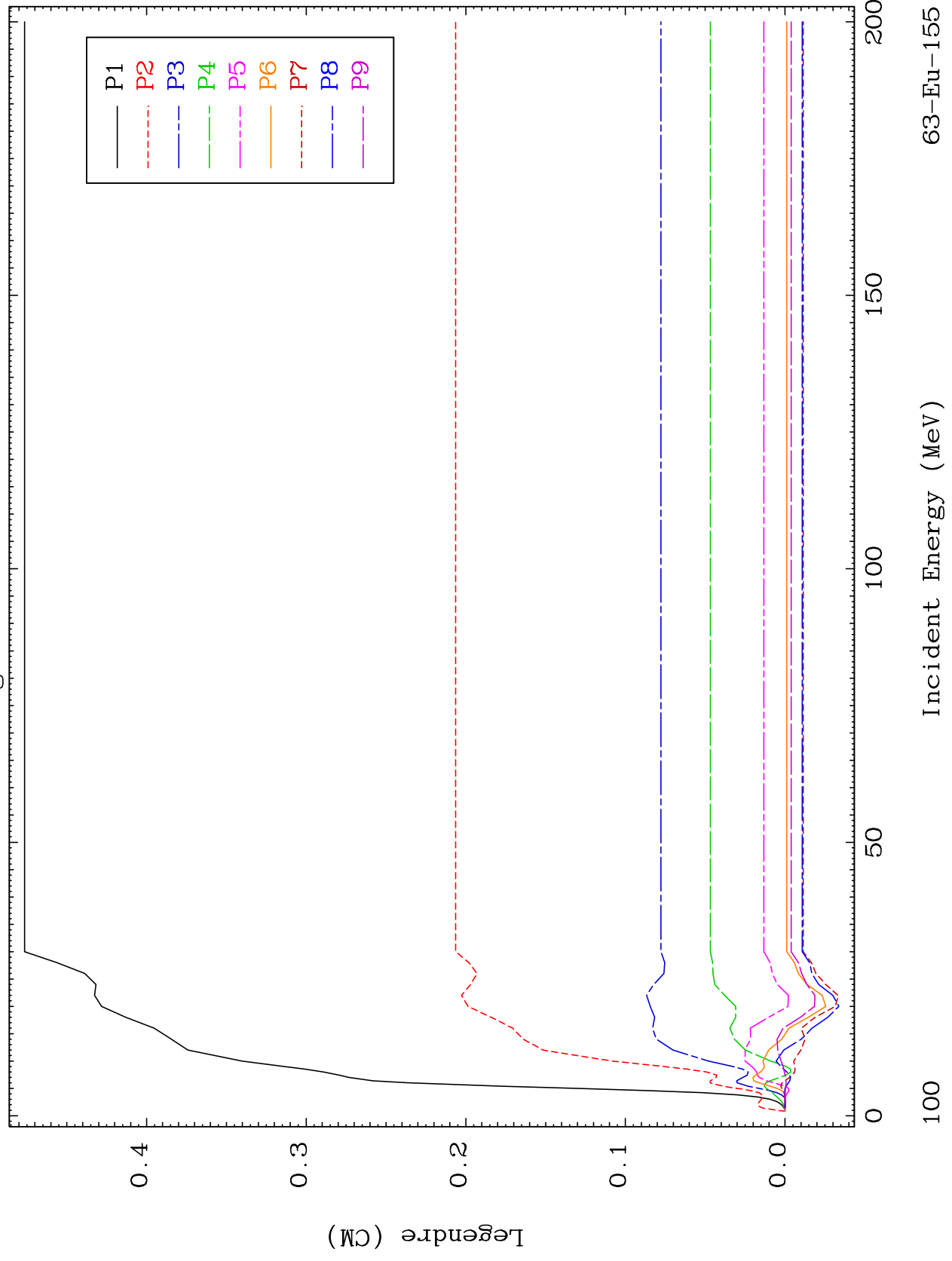
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



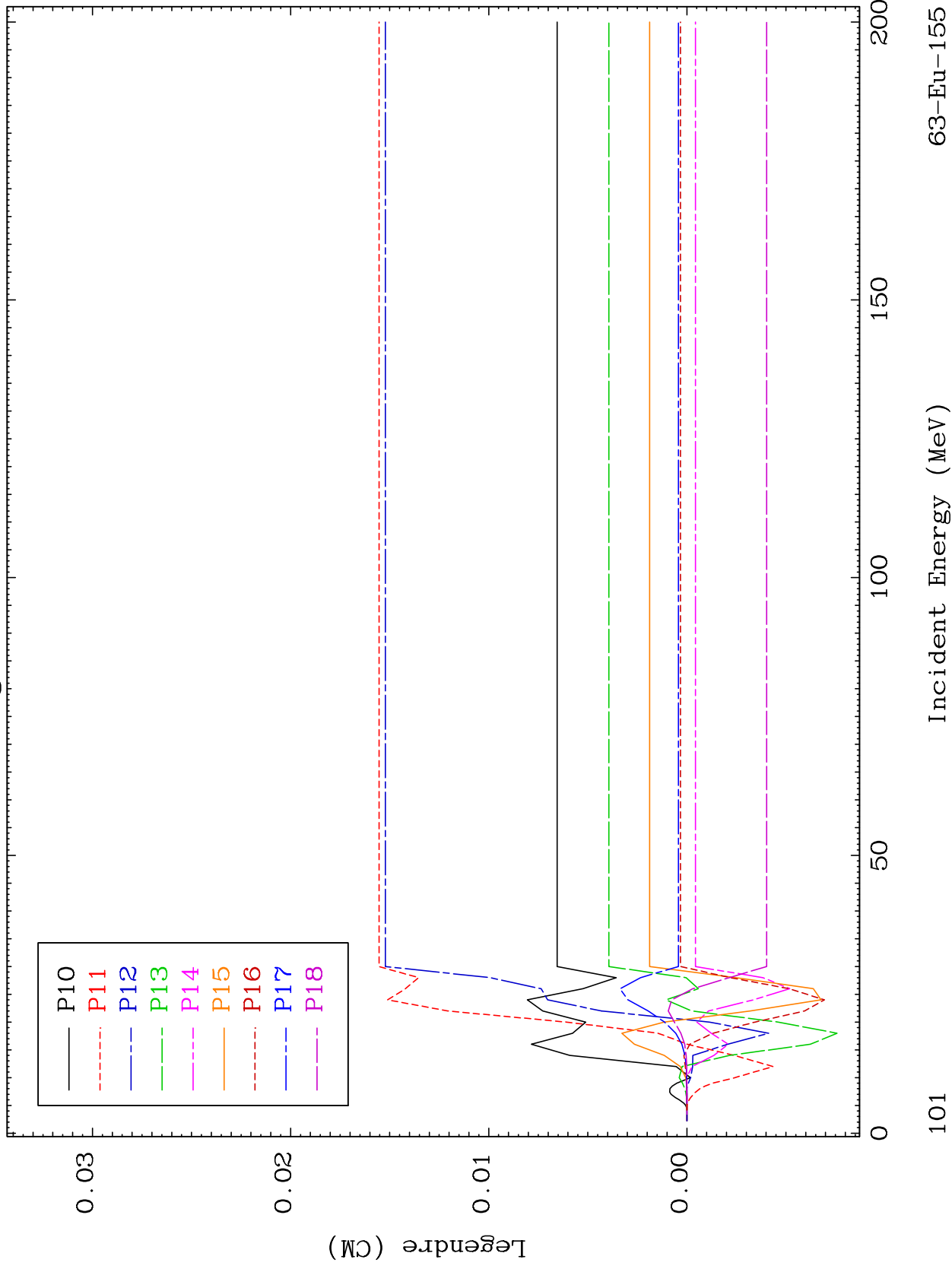
63-Eu-155

Incident Energy (MeV)

MAT 6337

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

63-Eu-155



63-Eu-155

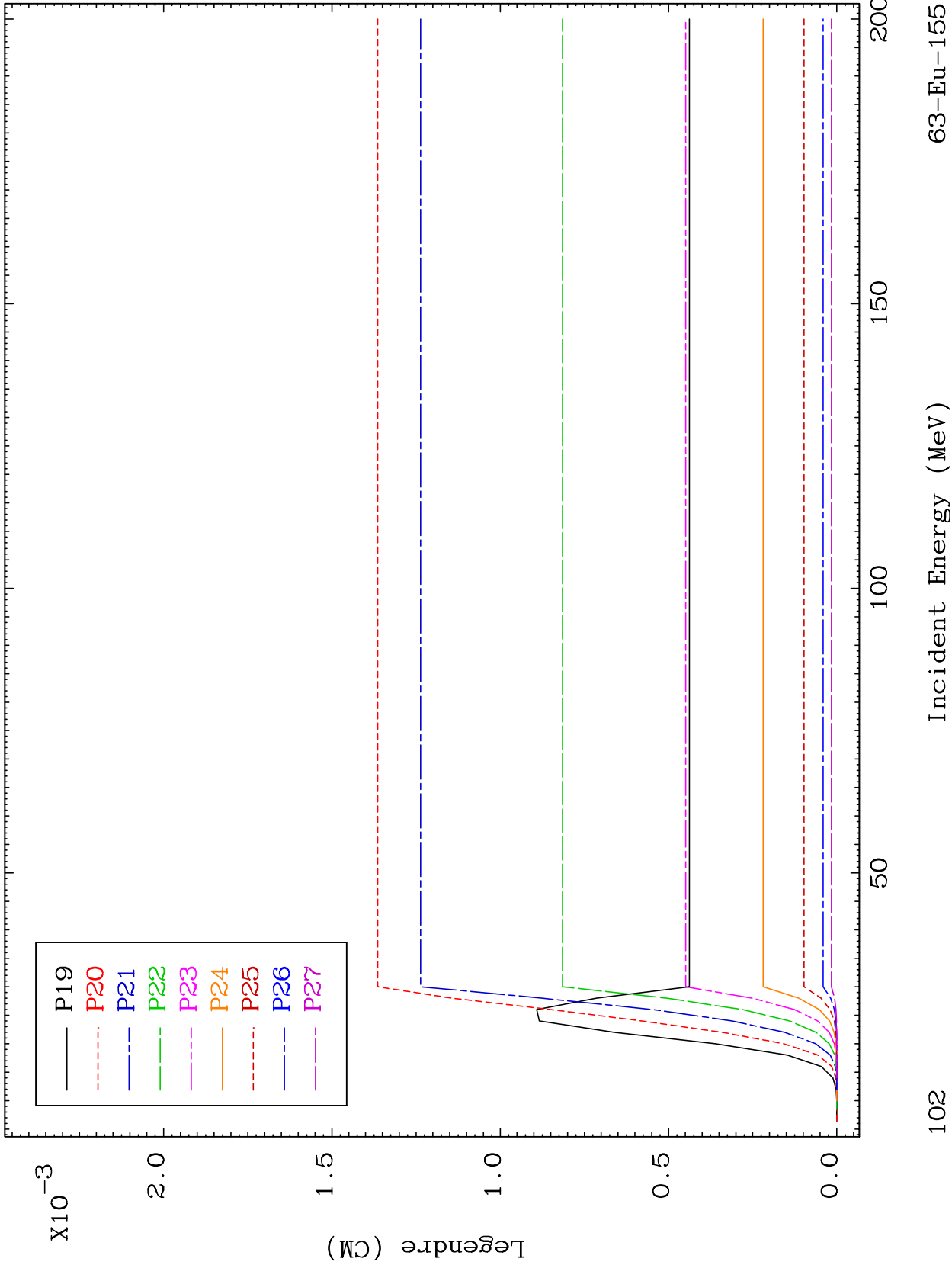
Incident Energy (MeV)

101

MAT 6337

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

63-Eu-155

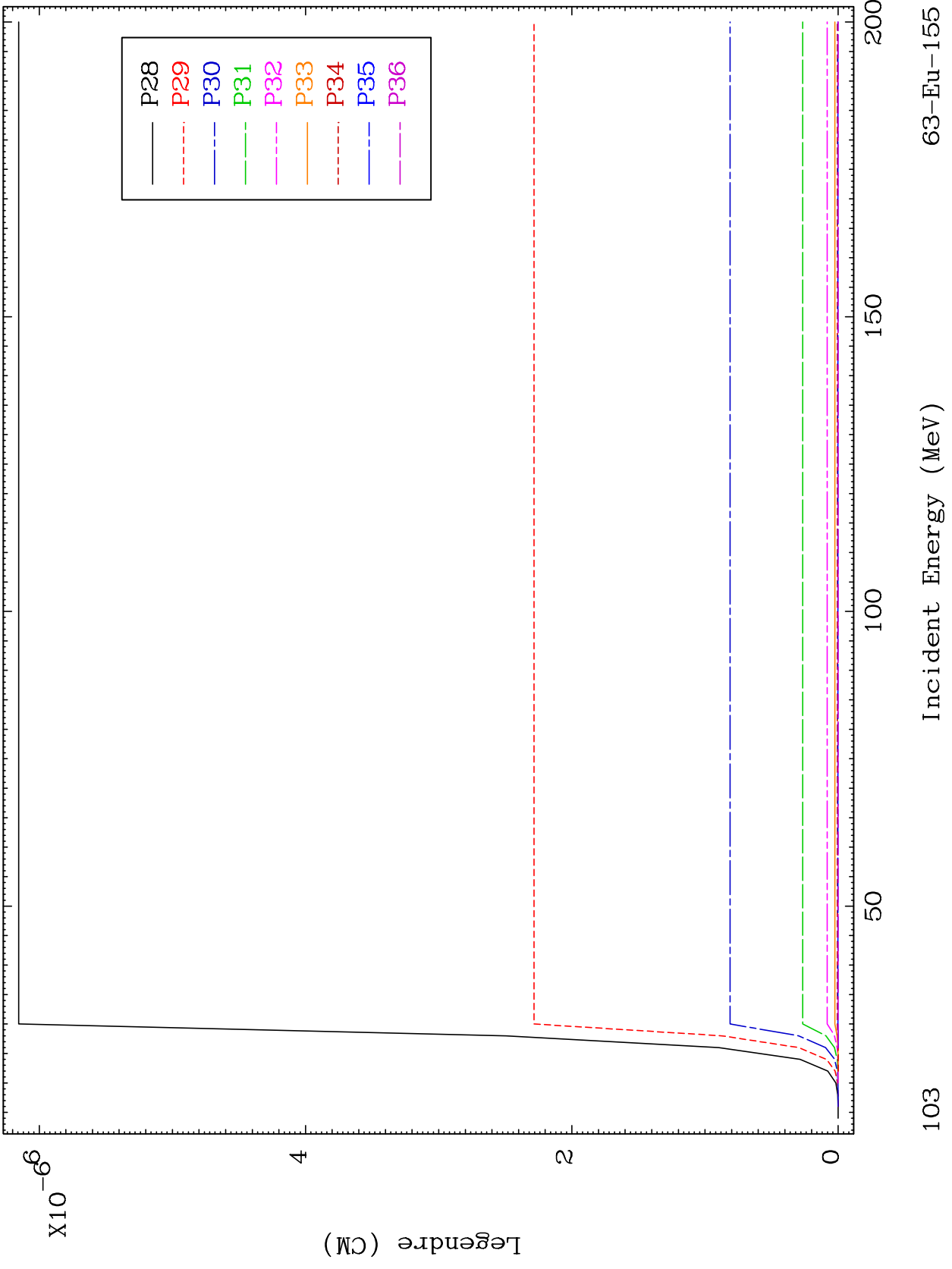


102

MAT 6337

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

63-Eu-155



103

Incident Energy (MeV)

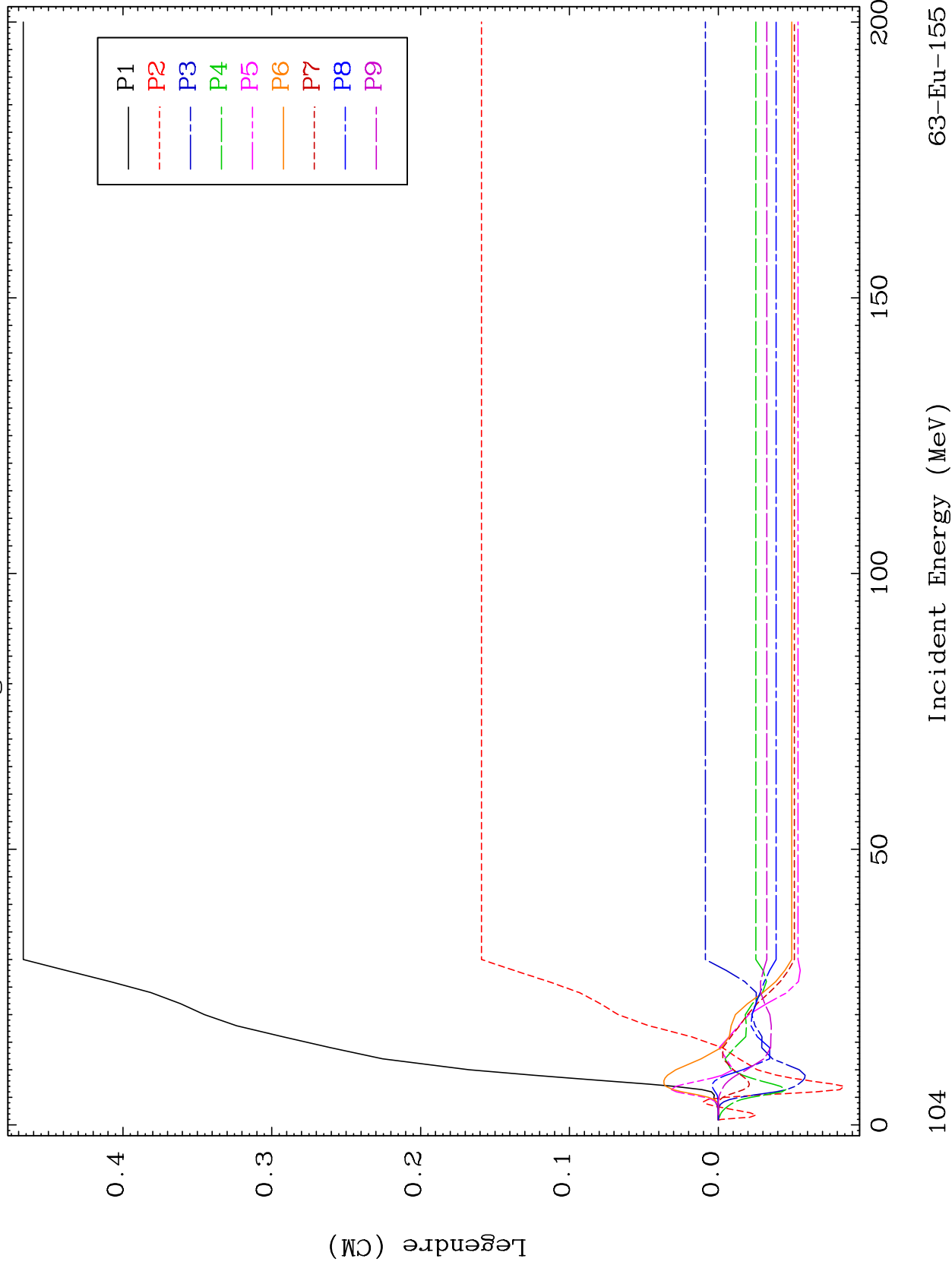
63-Eu-155



MAT 6337

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

63-Eu-155



104

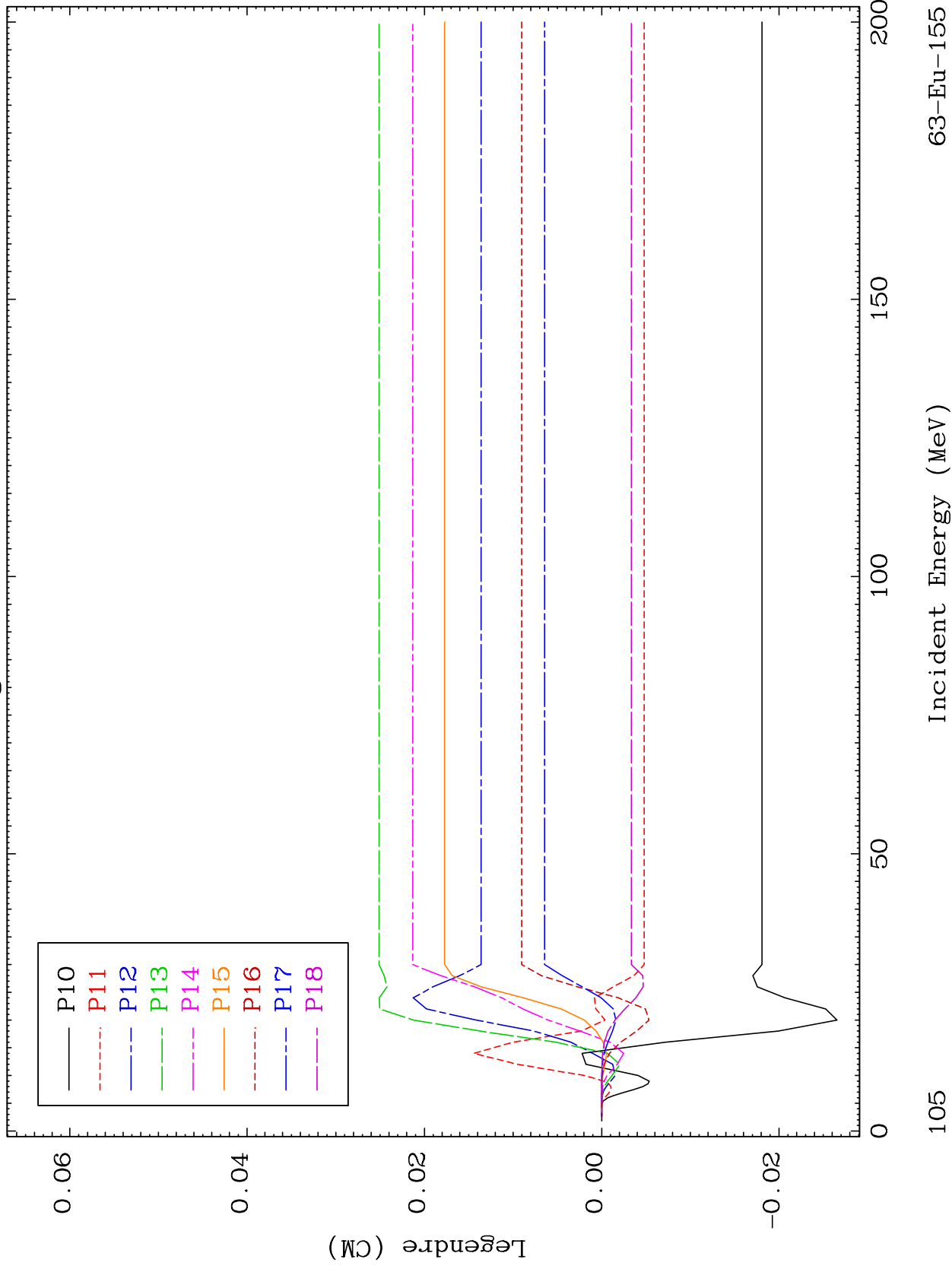
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



63-Eu-155

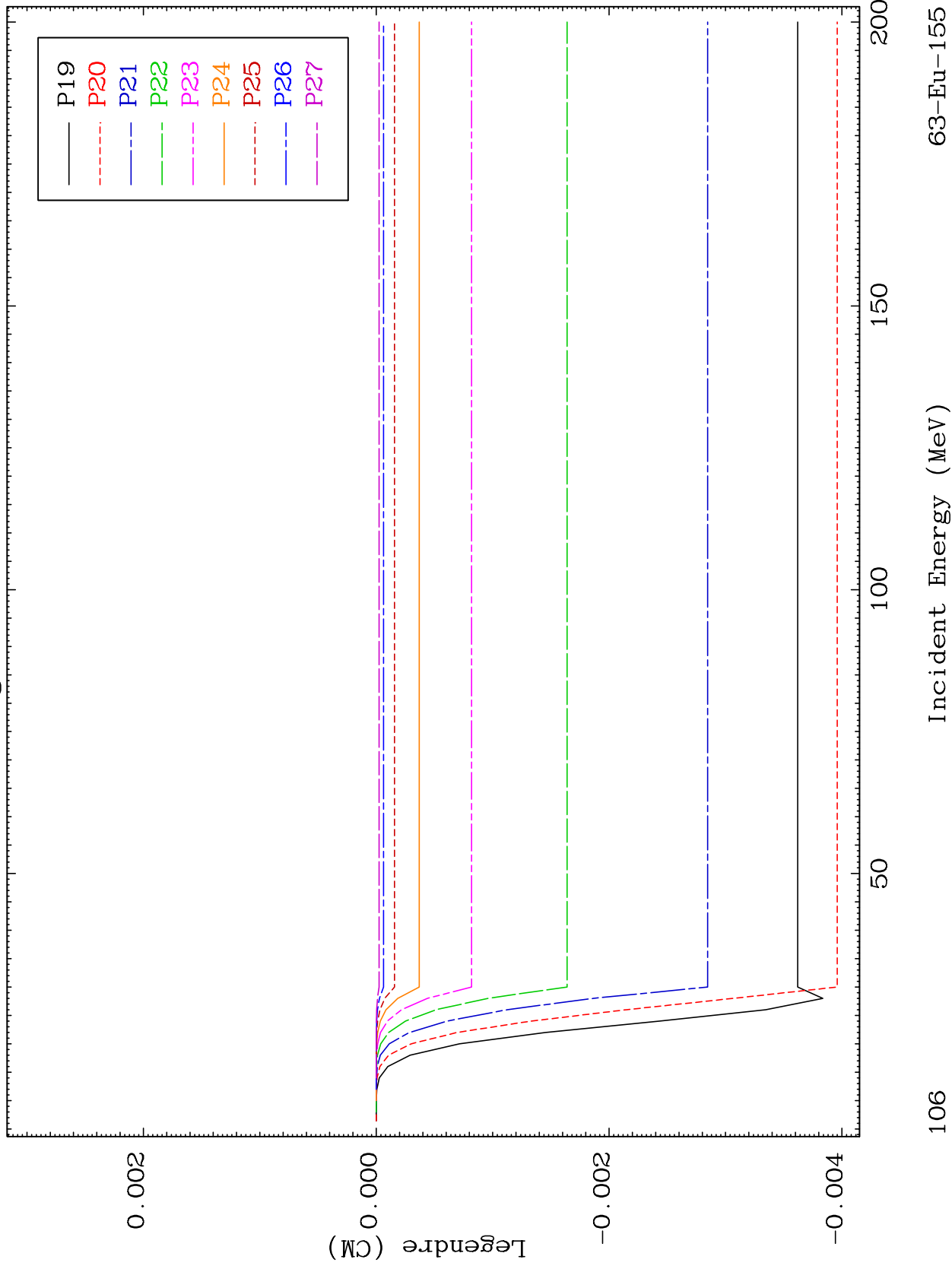
Incident Energy (MeV)

105

MAT 6337

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

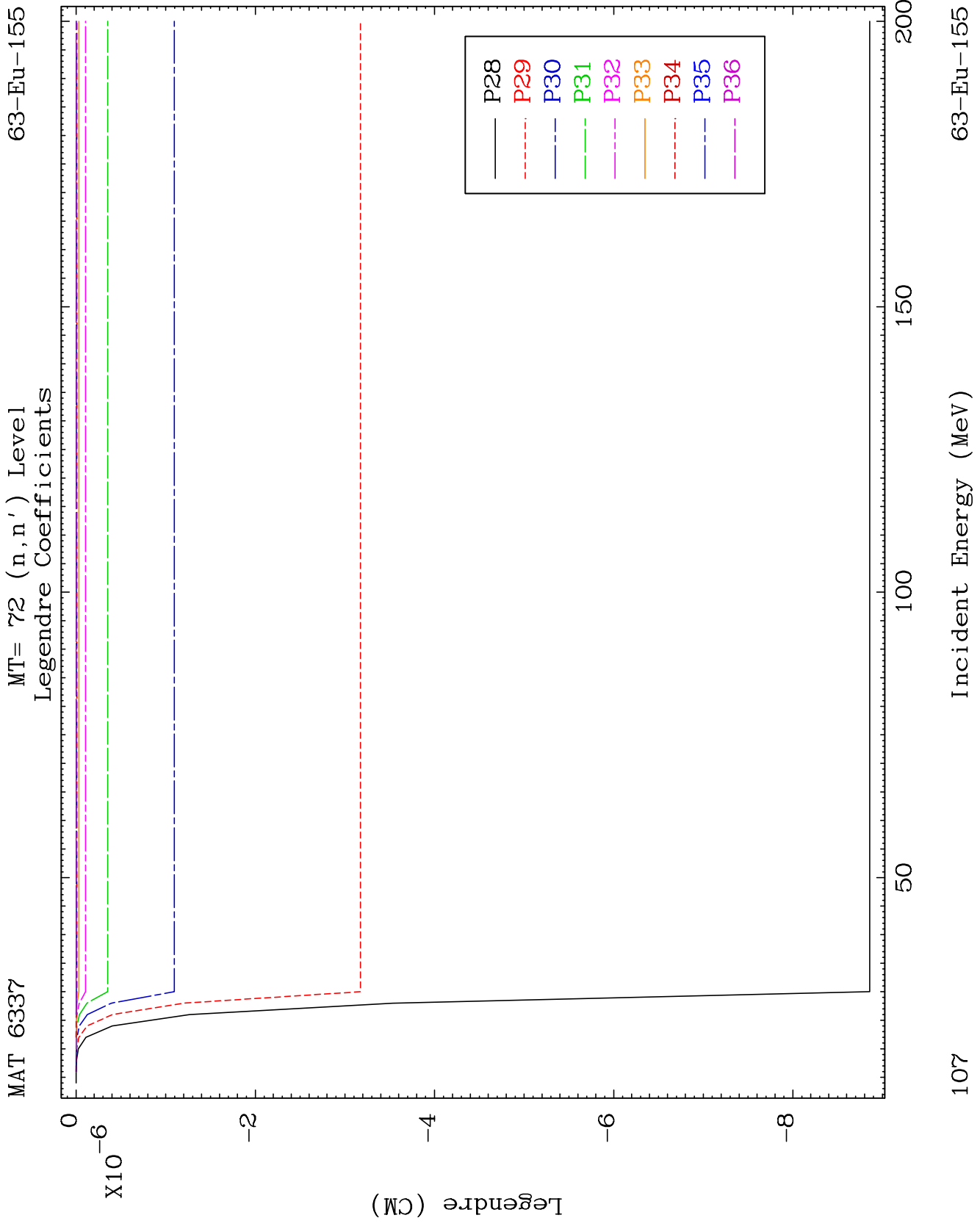
63-Eu-155



106

Incident Energy (MeV)

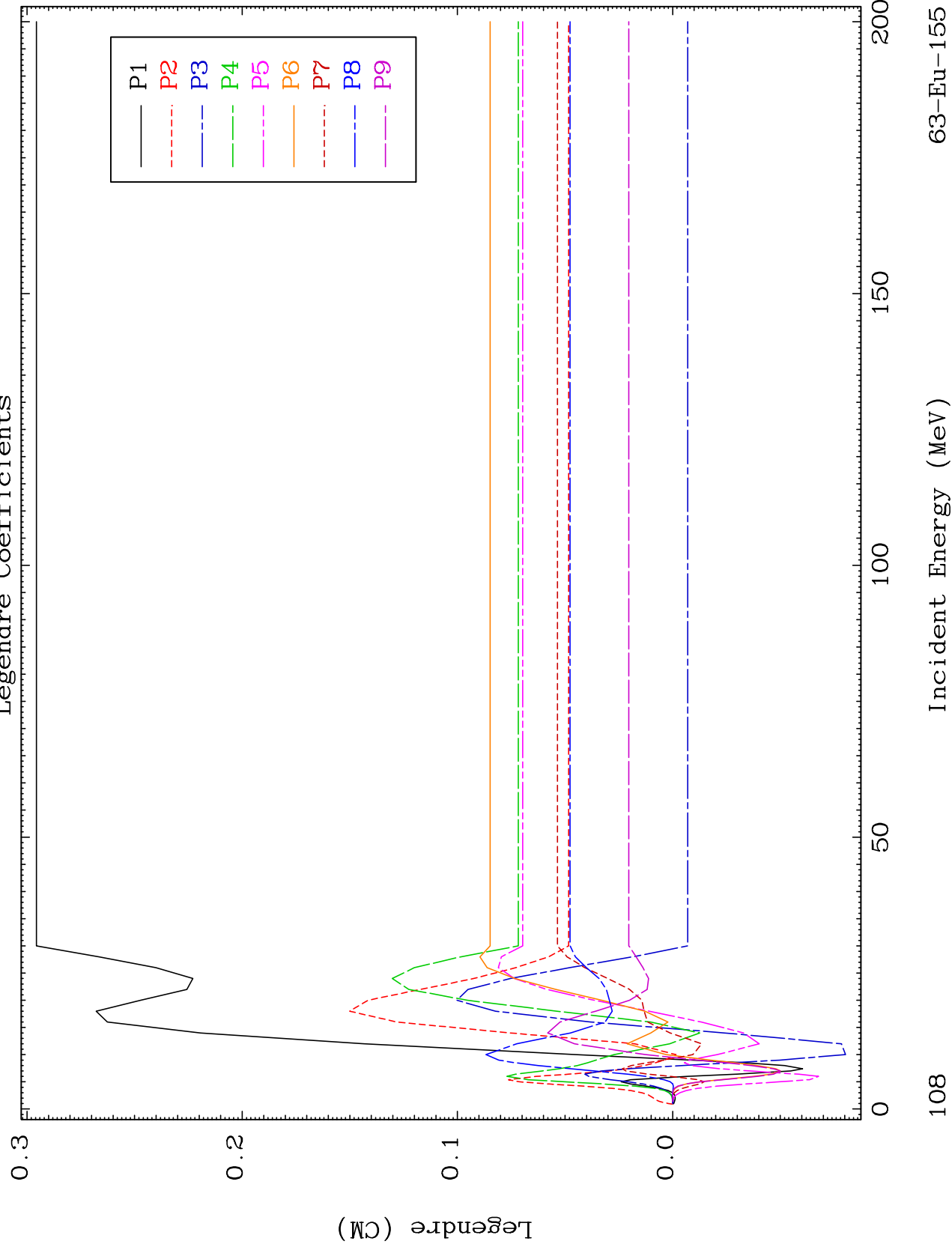
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

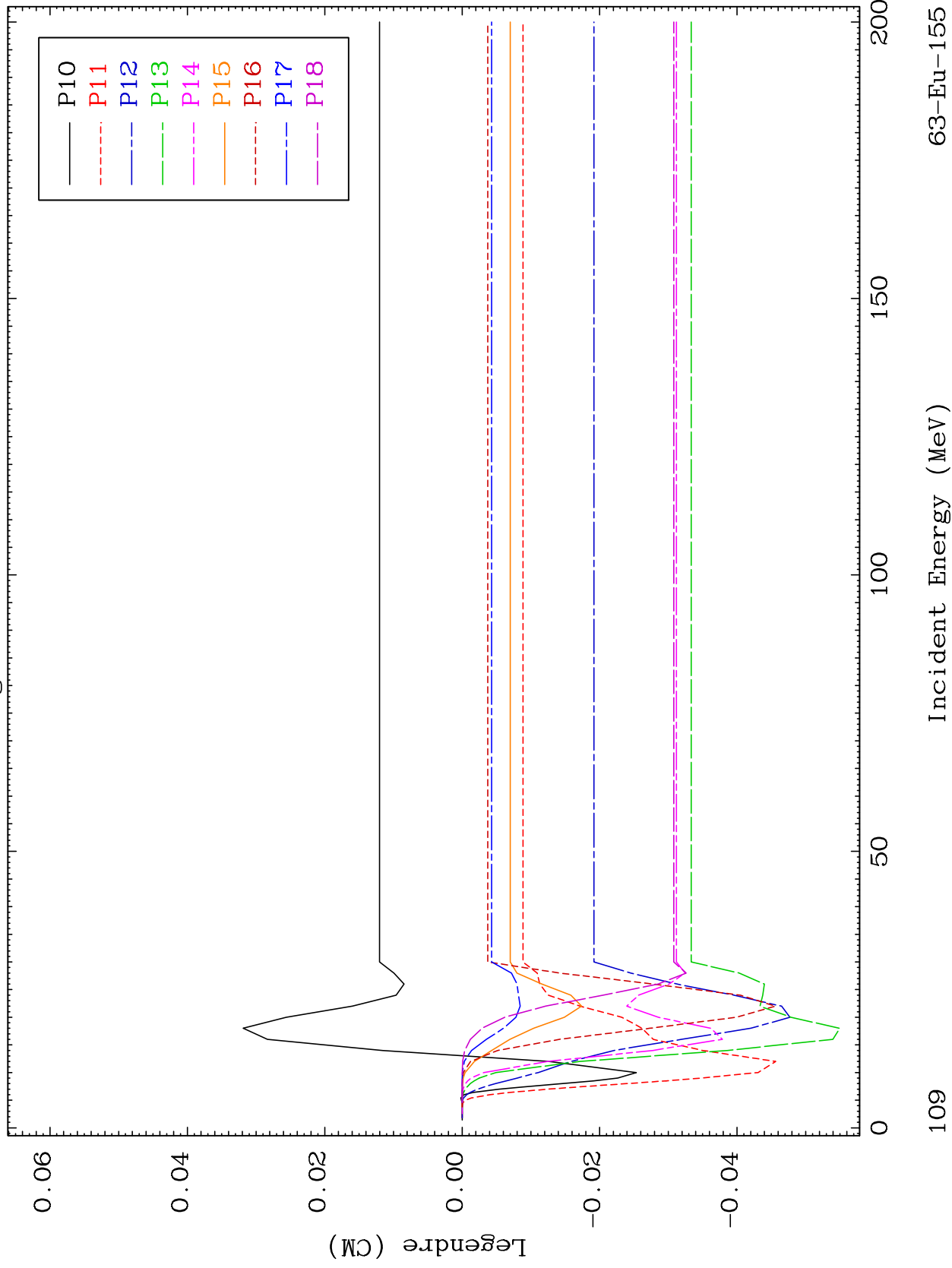
Incident Energy (MeV)

108

MAT 6337

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

63-Eu-155



63-Eu-155

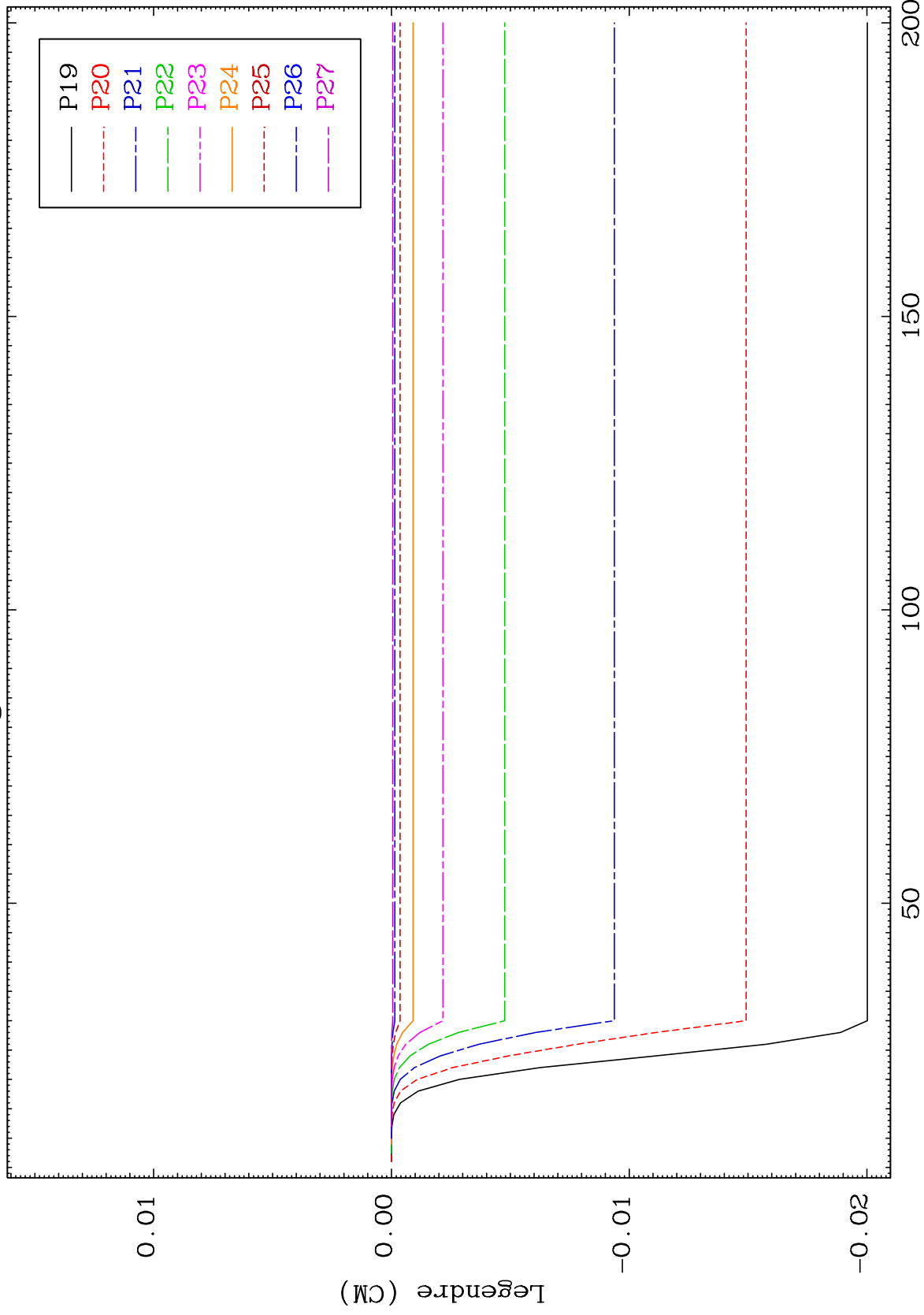
Incident Energy (MeV)

109

MAT 6337

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

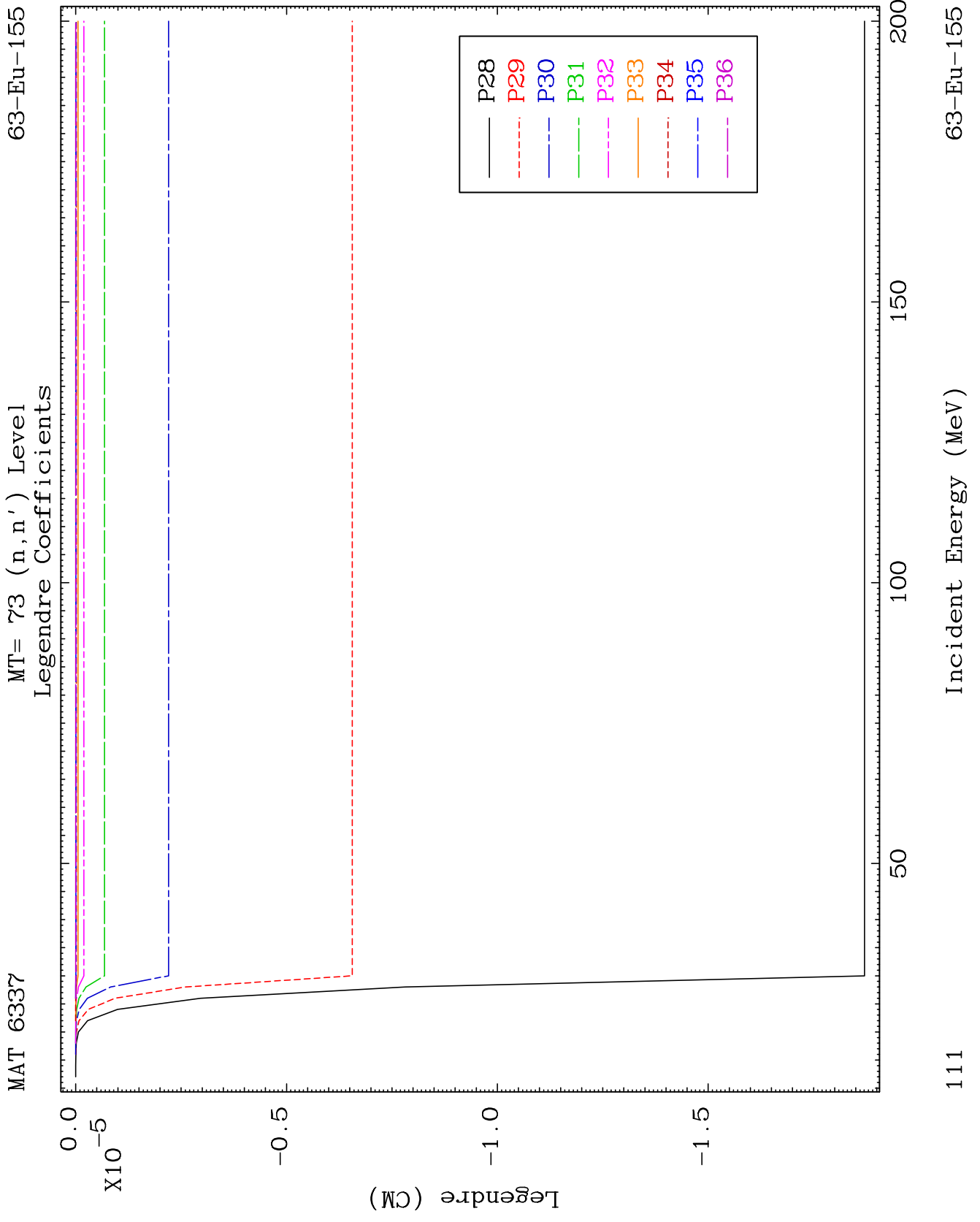
63-Eu-155



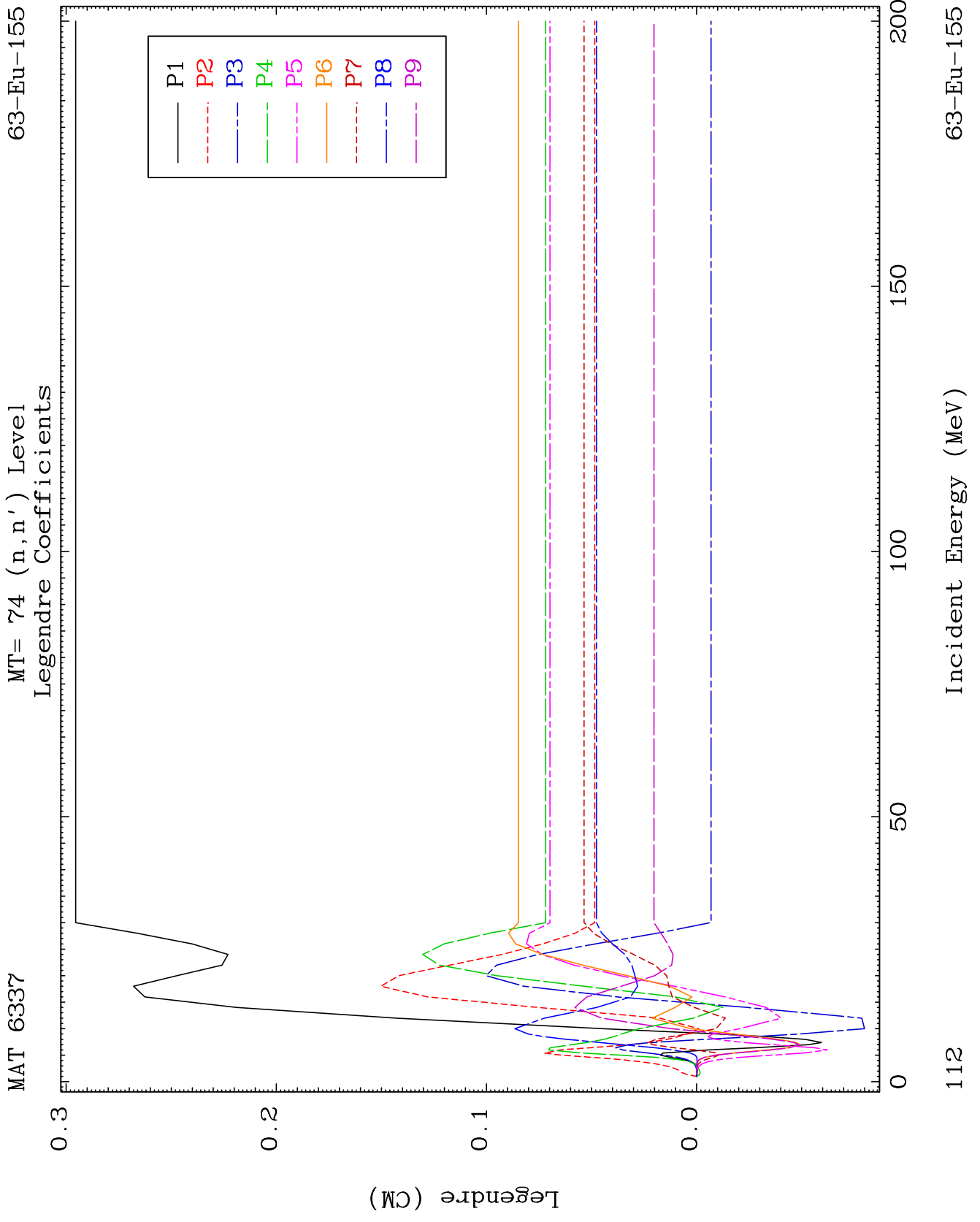
110

Incident Energy (MeV)

63-Eu-155



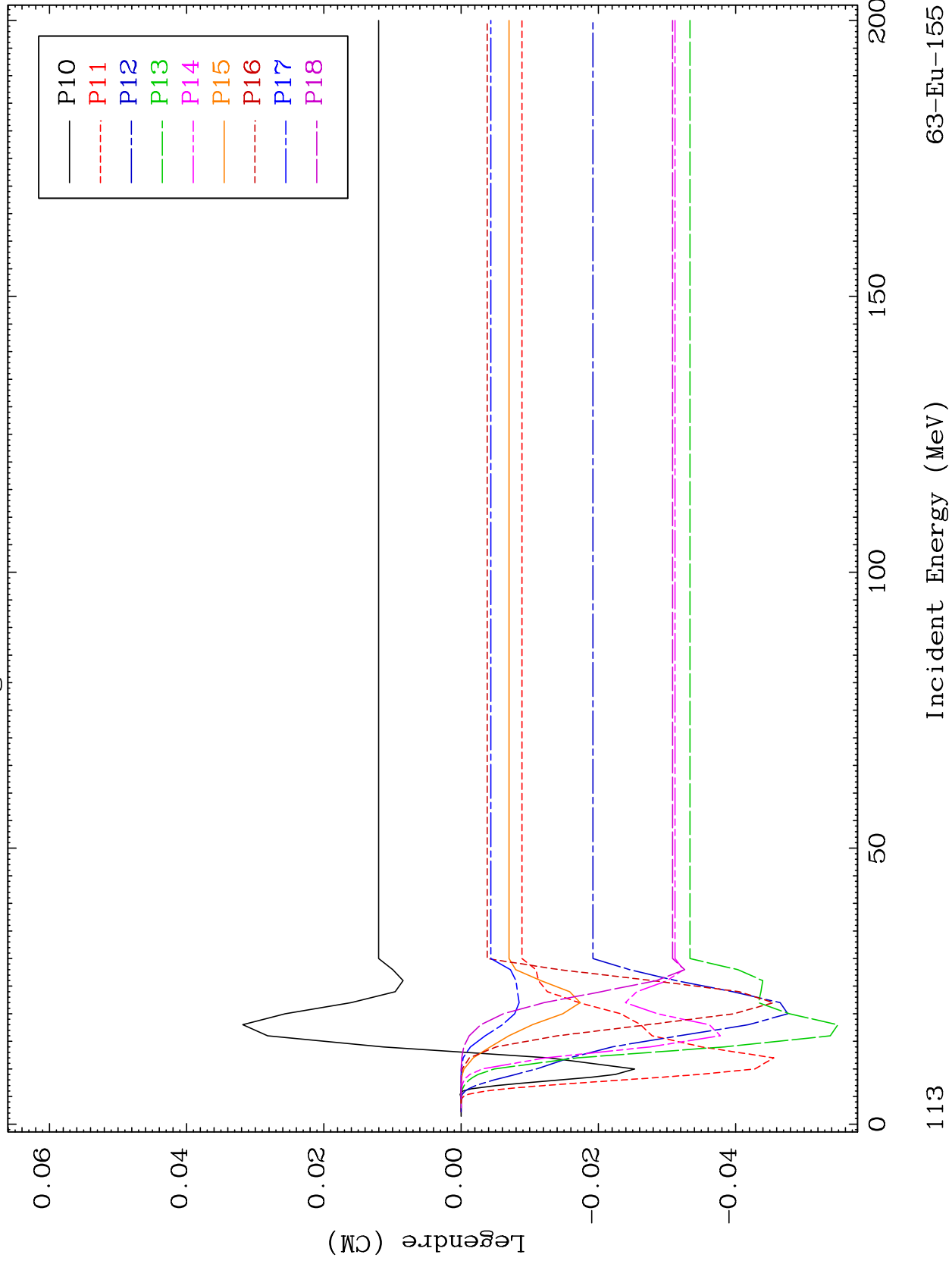




MAT 6337

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

63-Eu-155



113

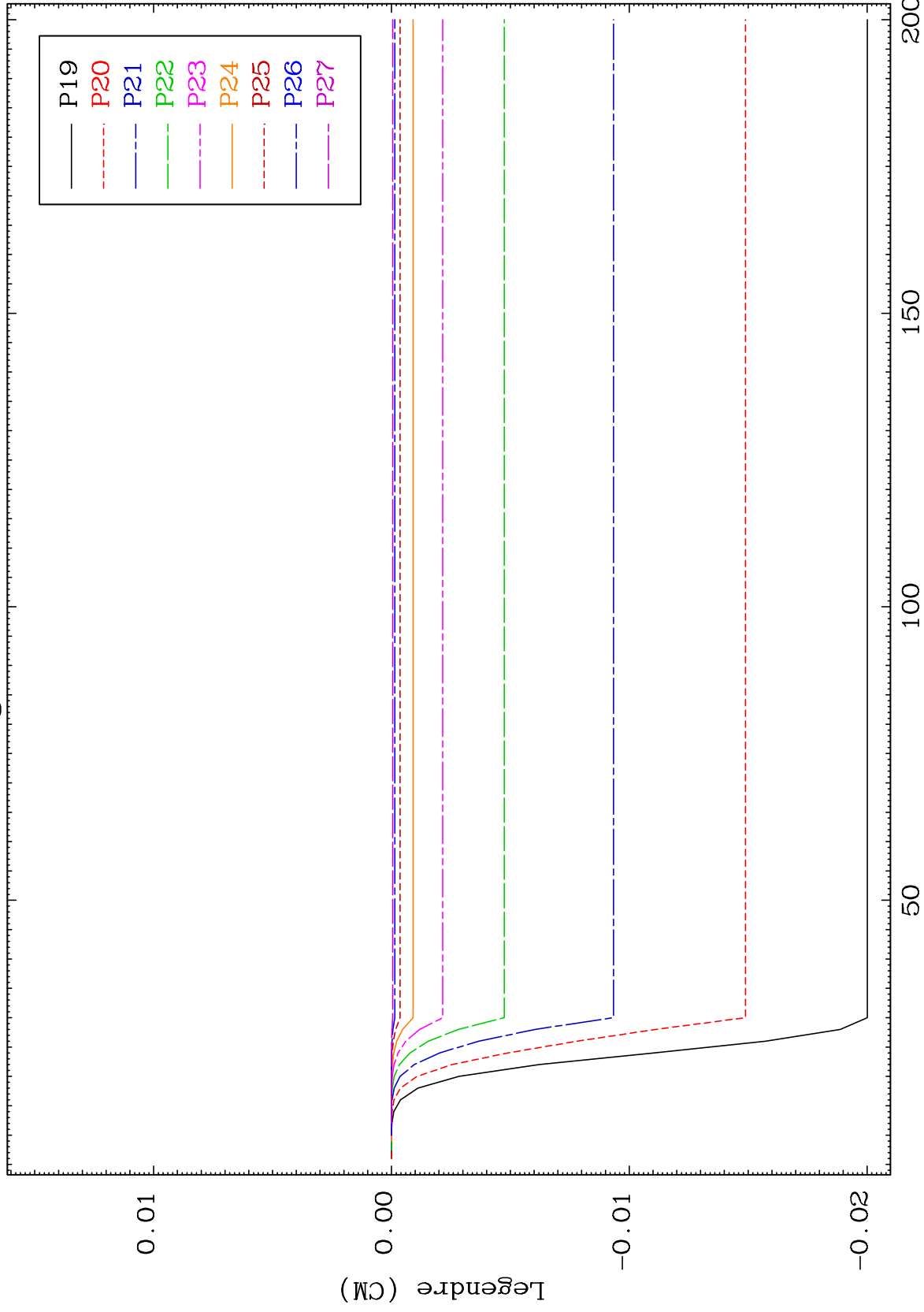
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

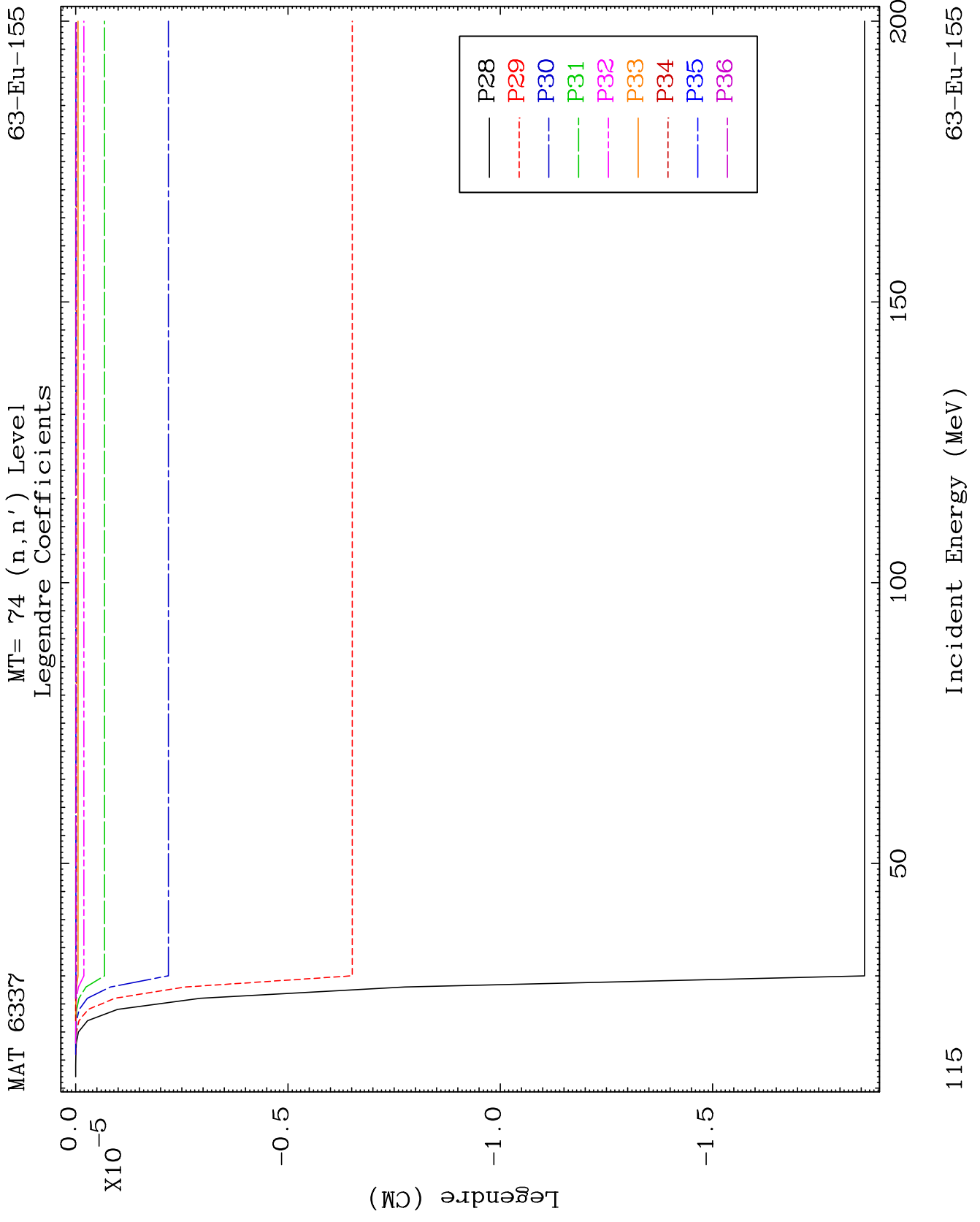
63-Eu-155



114

Incident Energy (MeV)

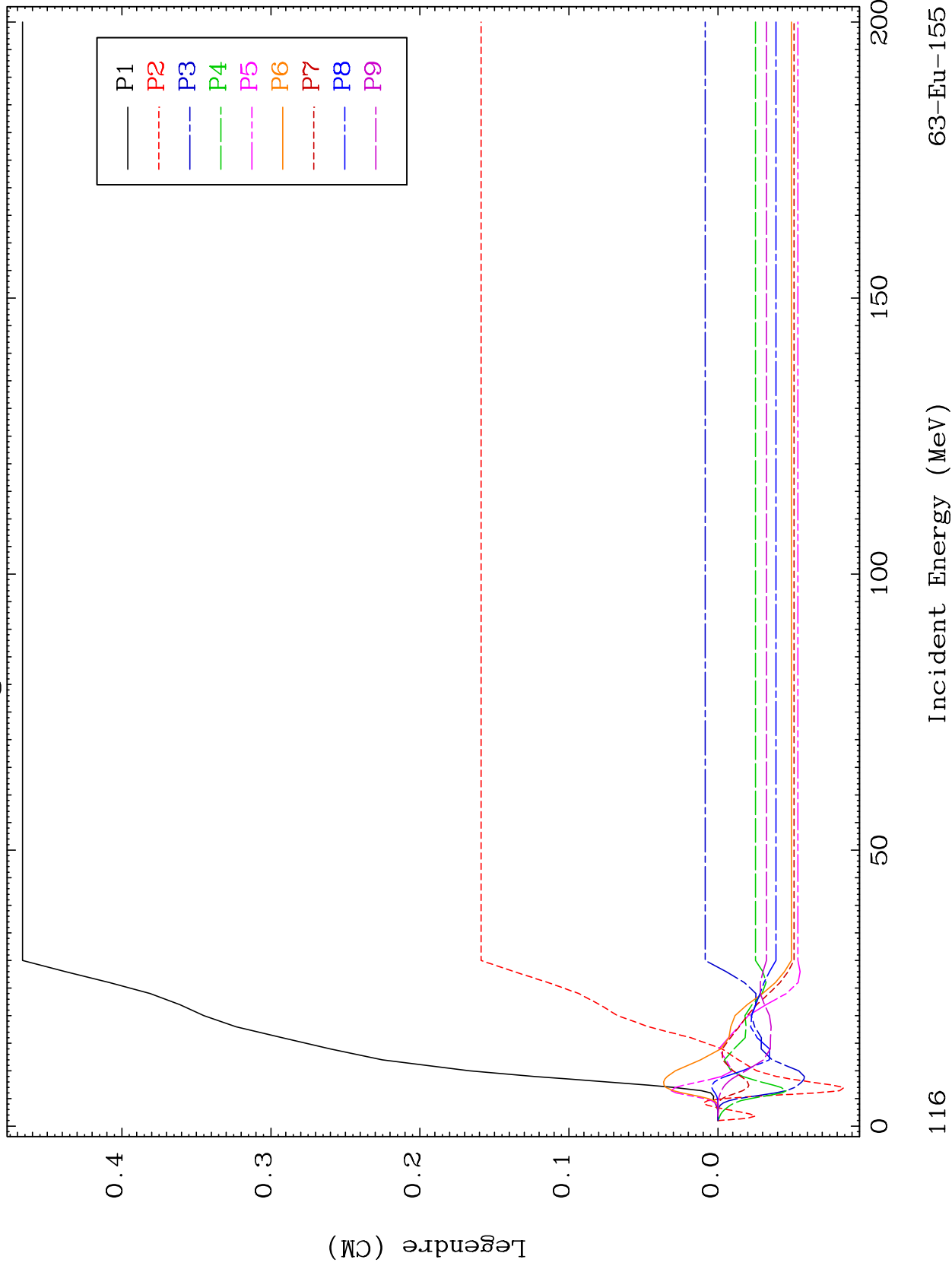
63-Eu-155



MAT 6337

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

63-Eu-155



116

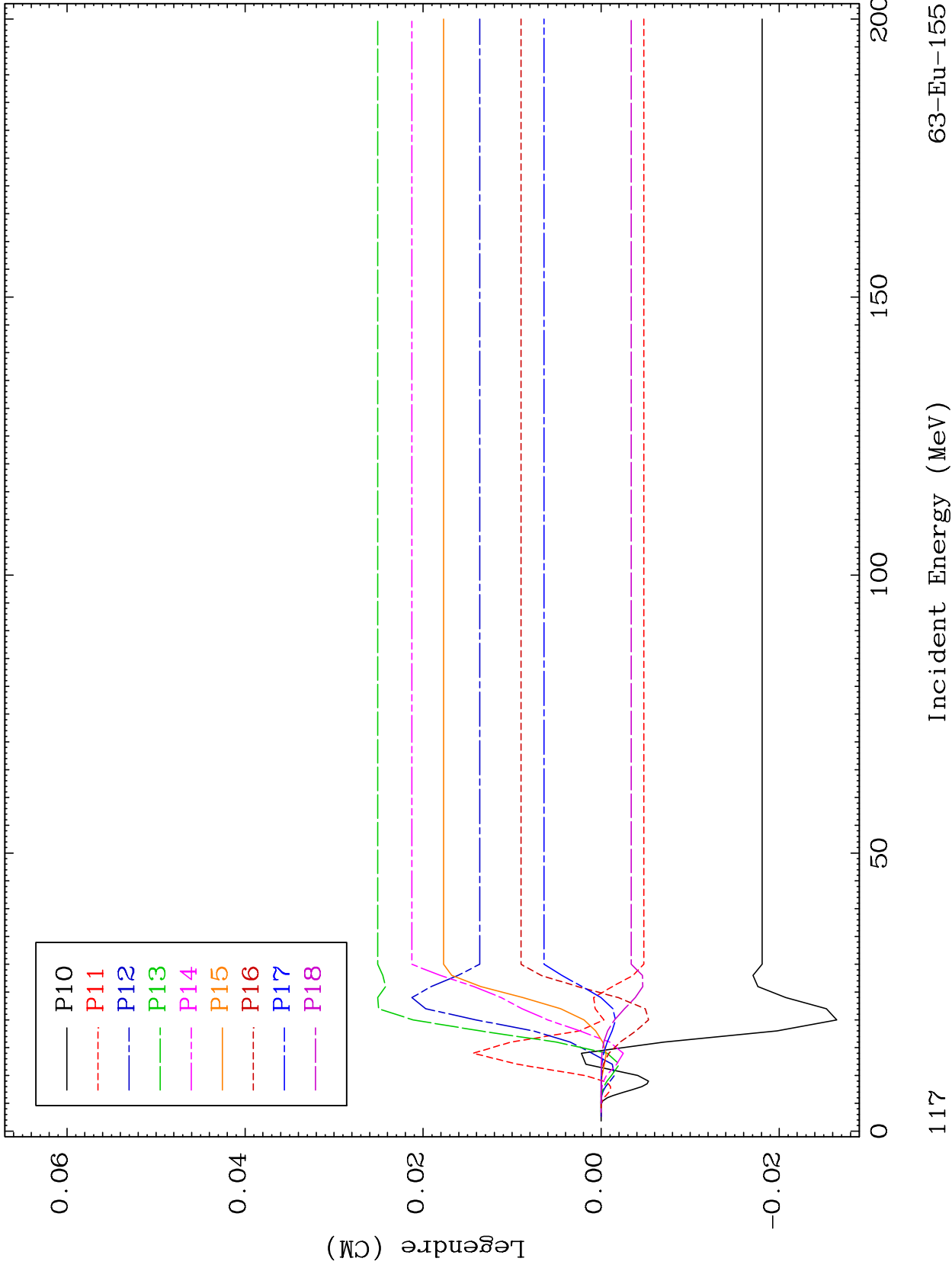
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



117

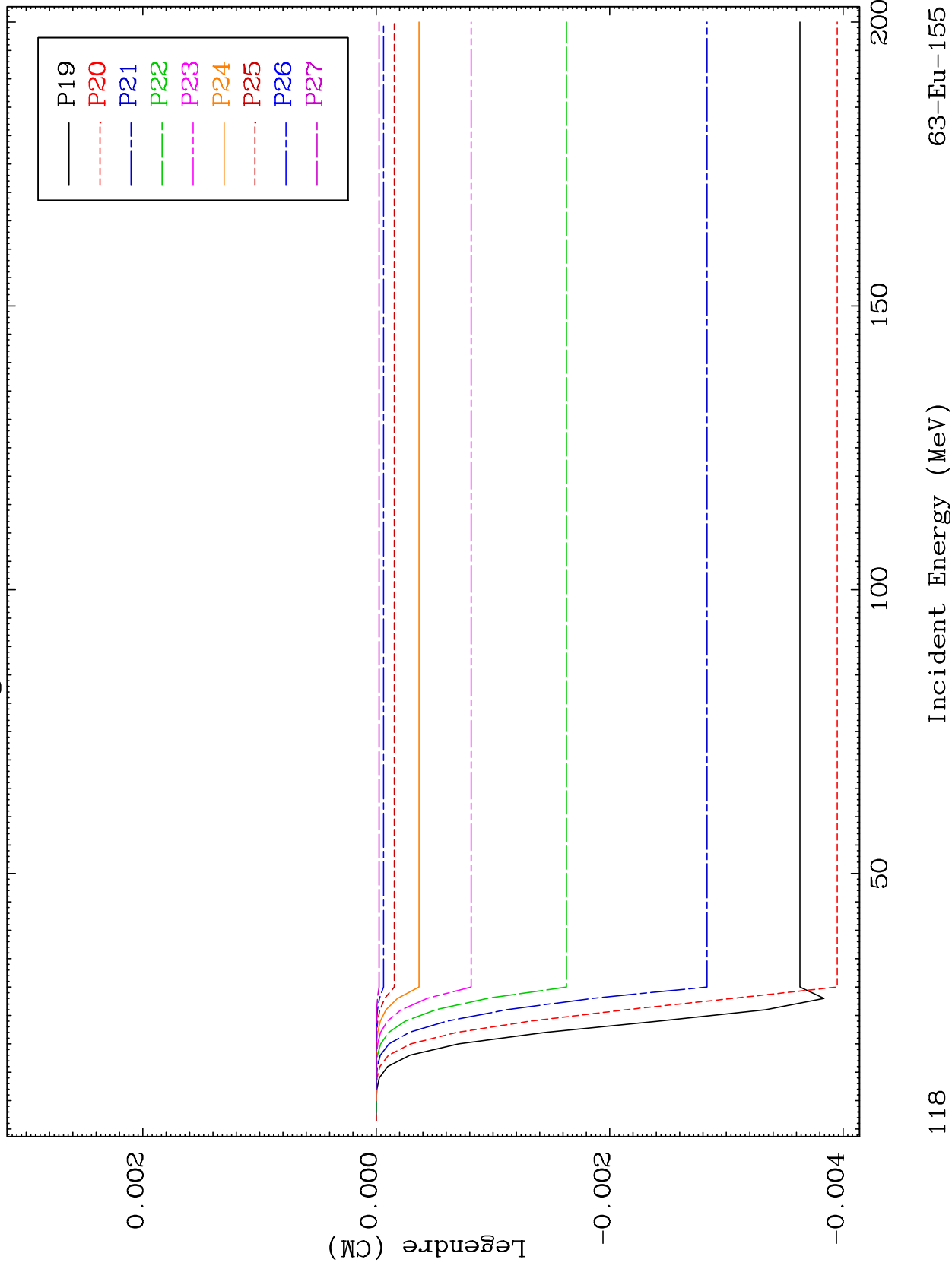
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

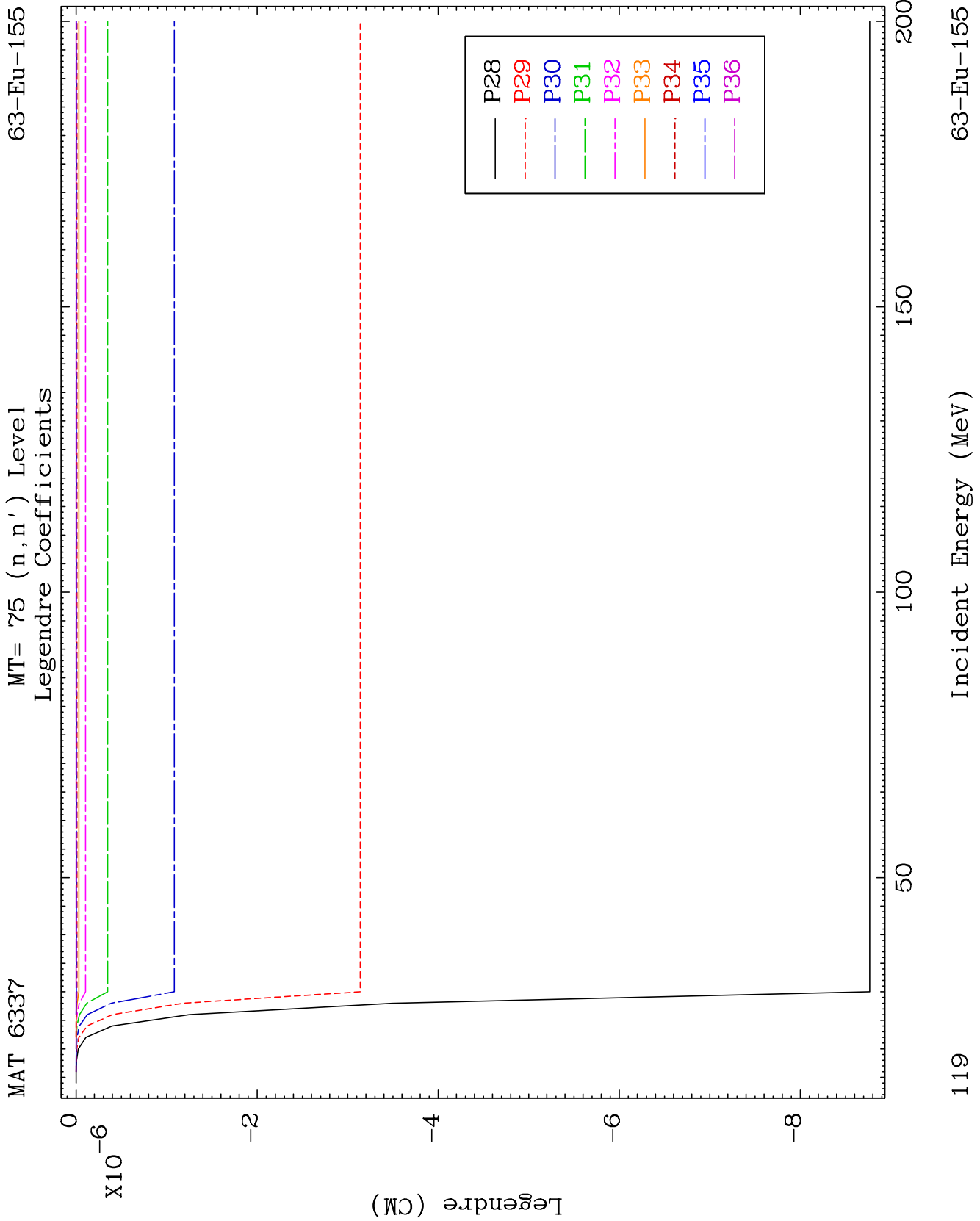
63-Eu-155



118

Incident Energy (MeV)

63-Eu-155



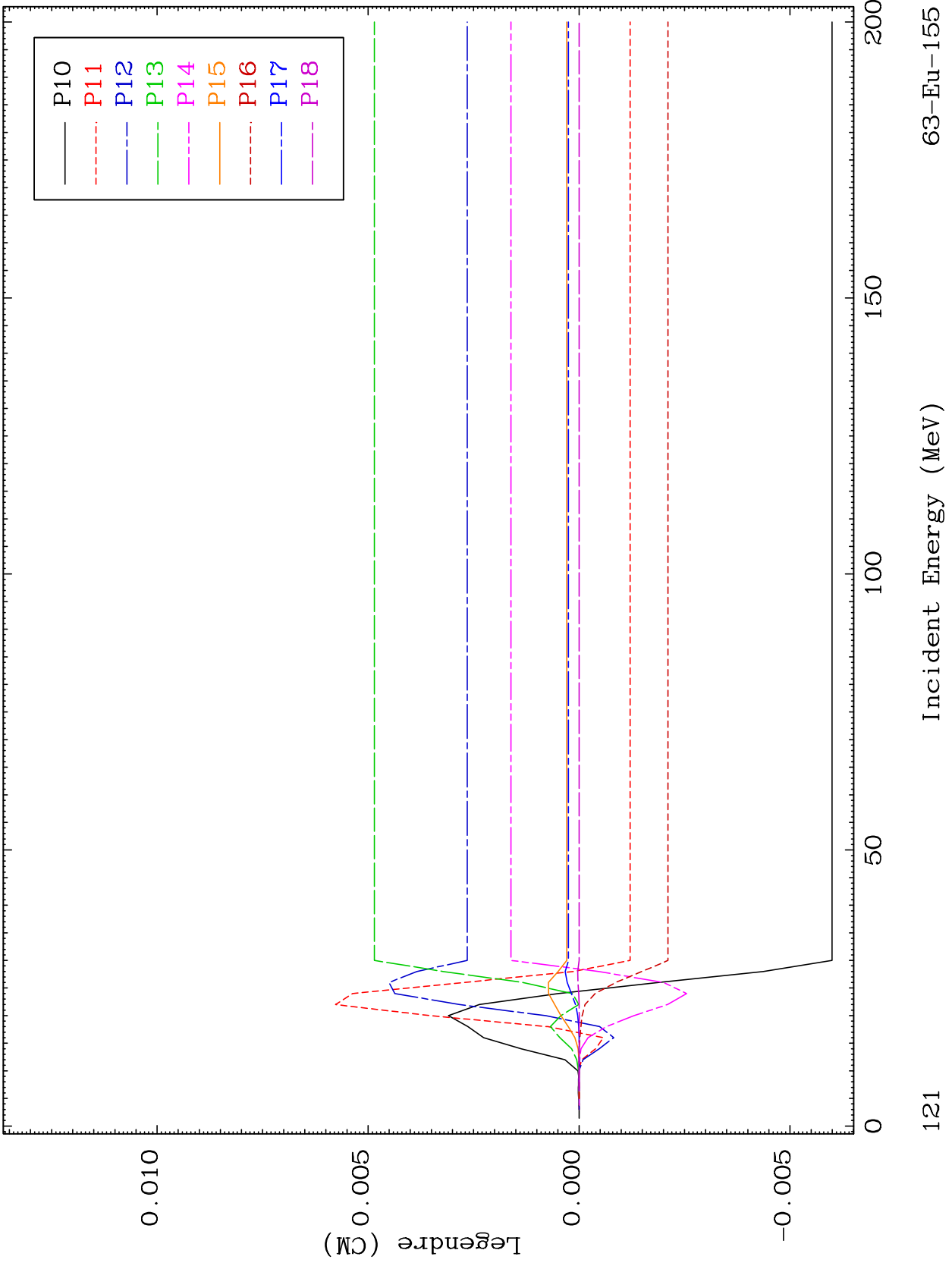




MAT 6337

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

63-Eu-155



121

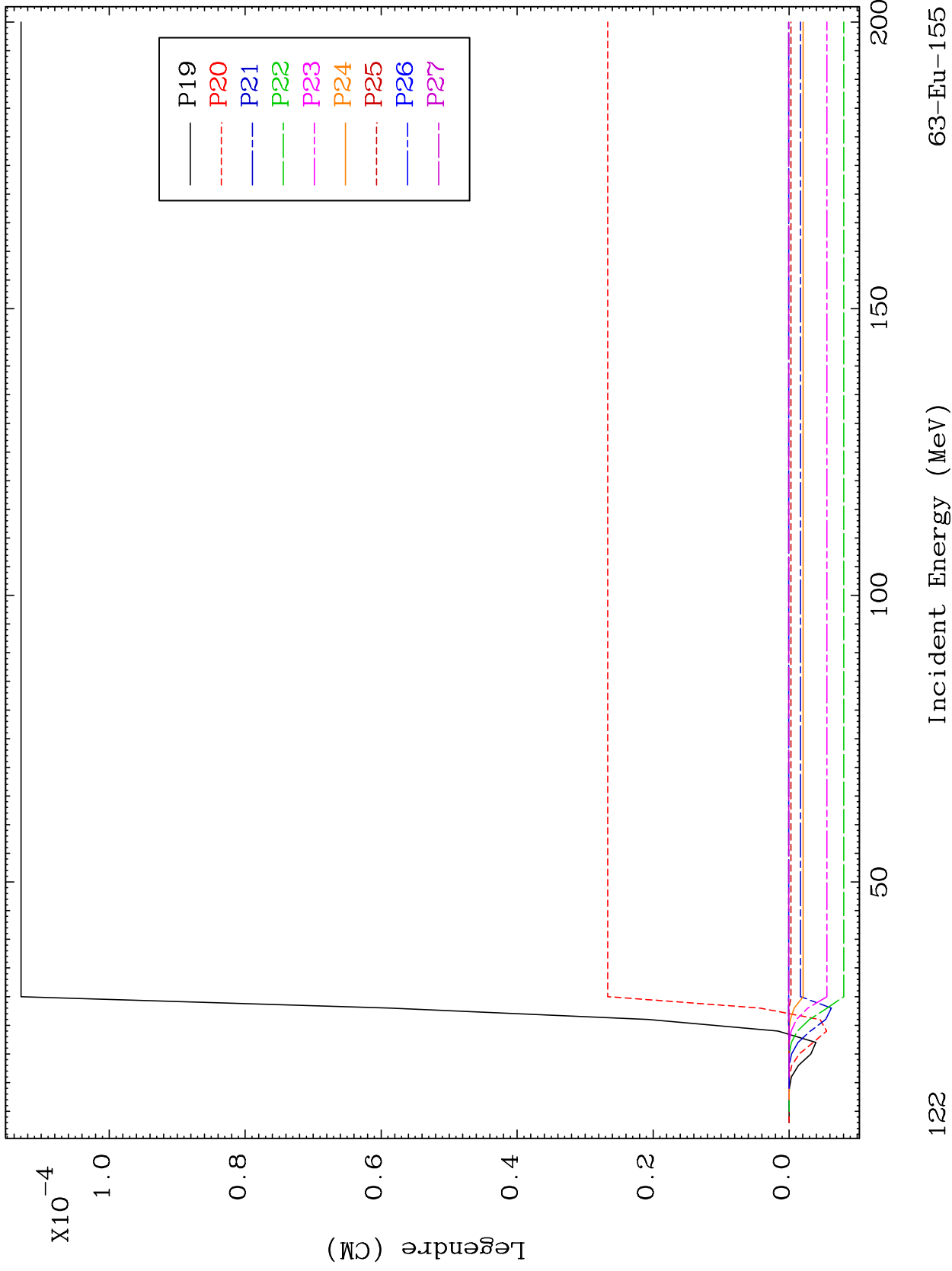
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



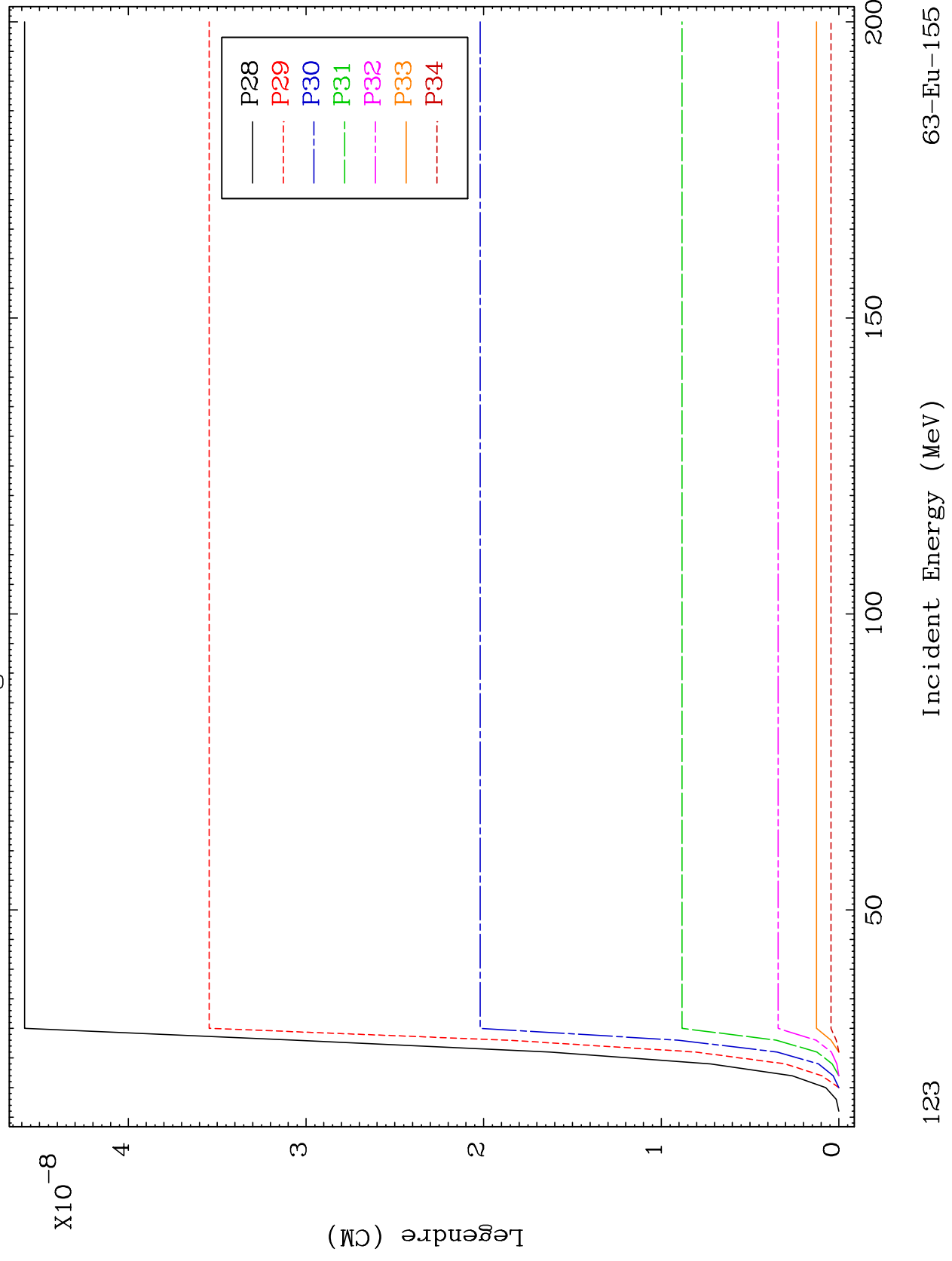
122

63-Eu-155

MAT 6337

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

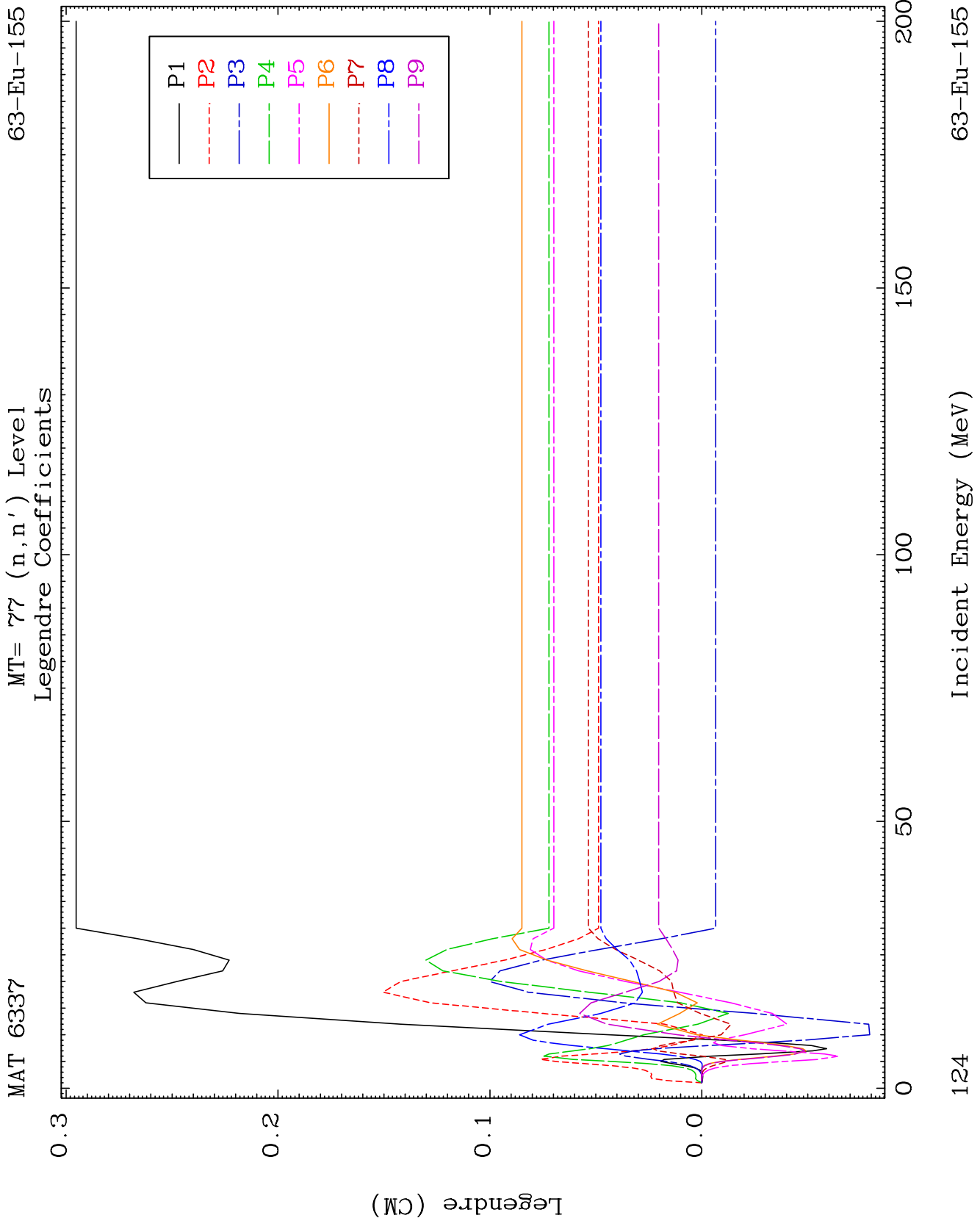
63-Eu-155



123

Incident Energy (MeV)

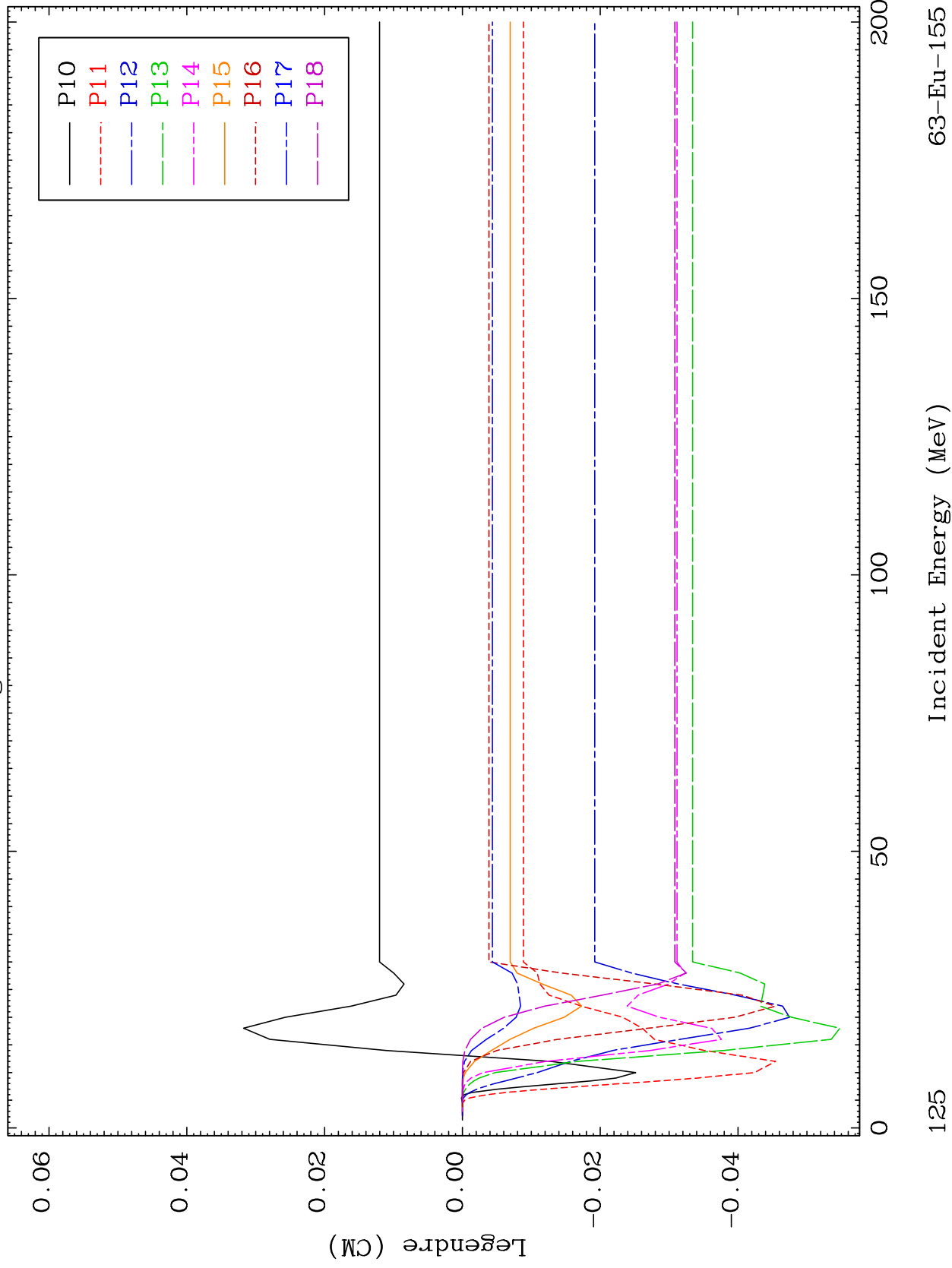
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

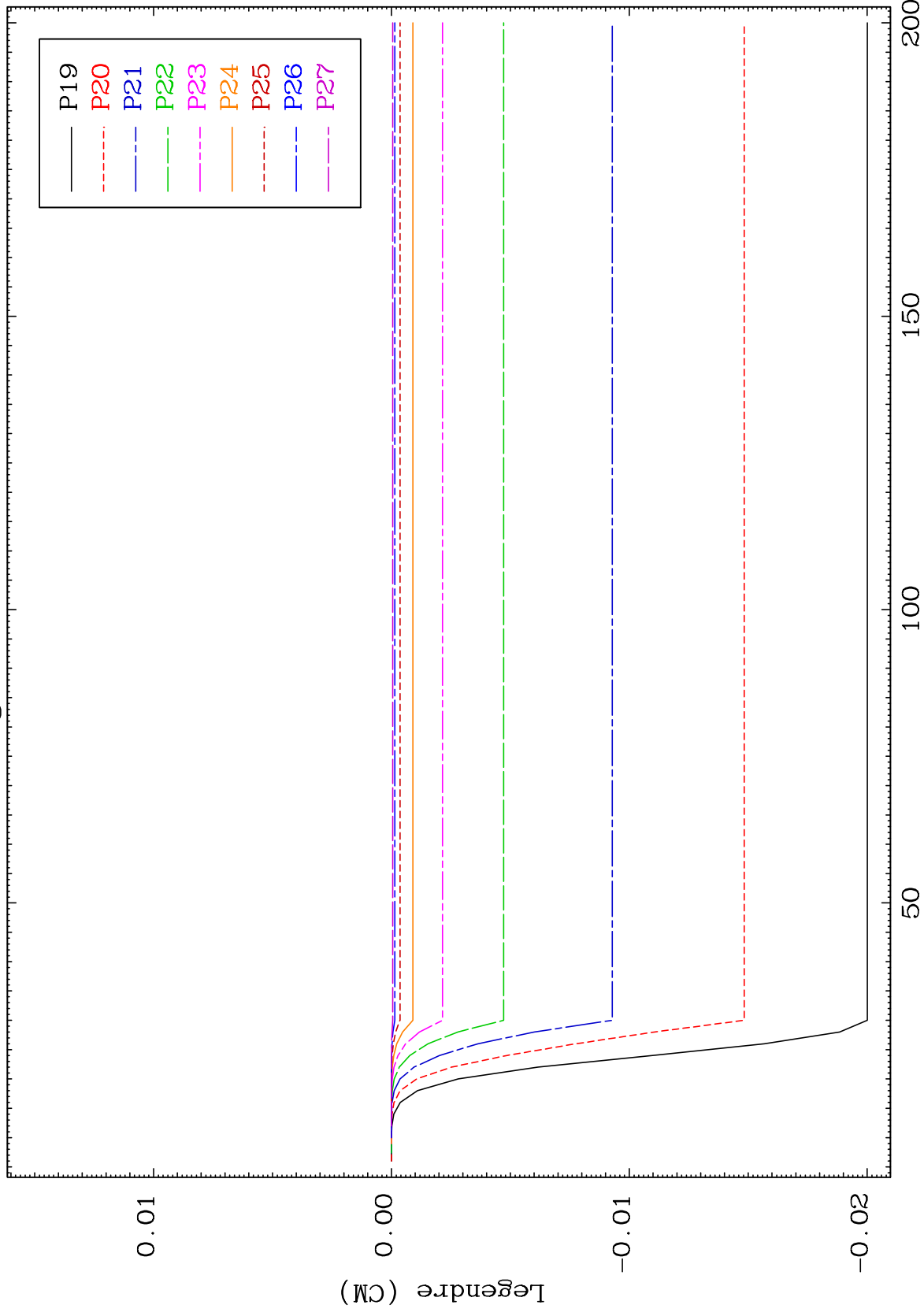
Incident Energy (MeV)

125

MAT 6337

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

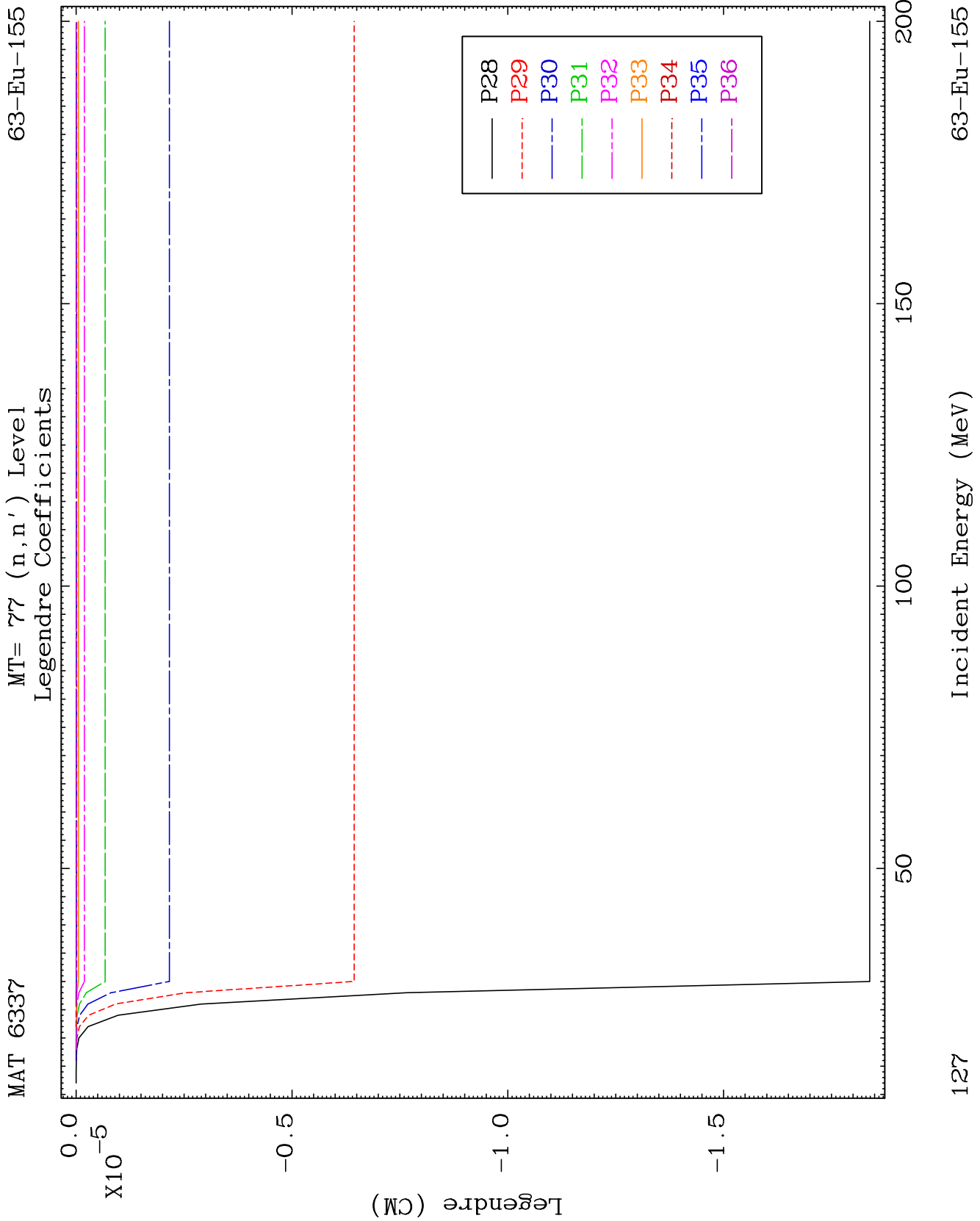
63-Eu-155



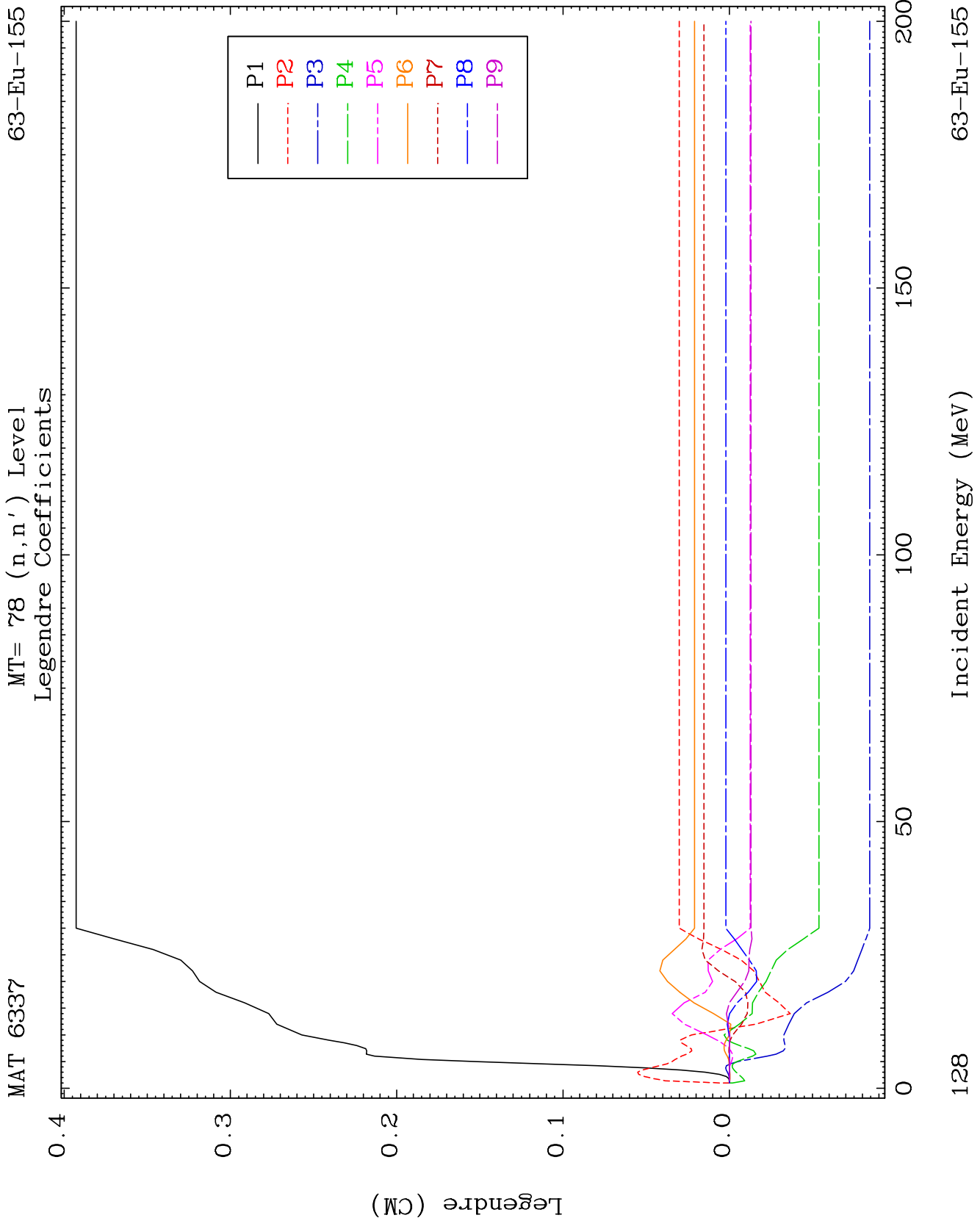
126

Incident Energy (MeV)

63-Eu-155



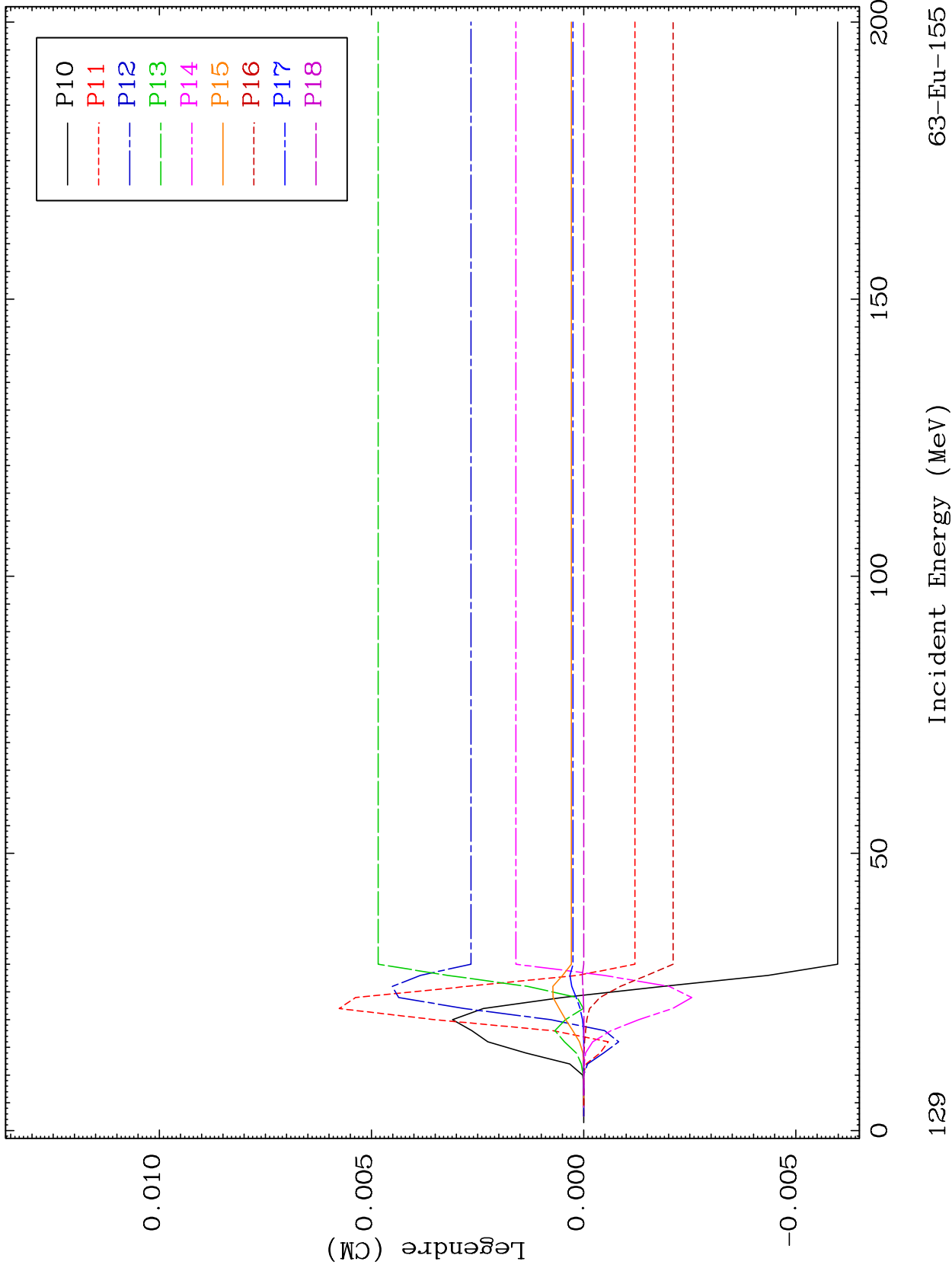




MAT 6337

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

63-Eu-155



129

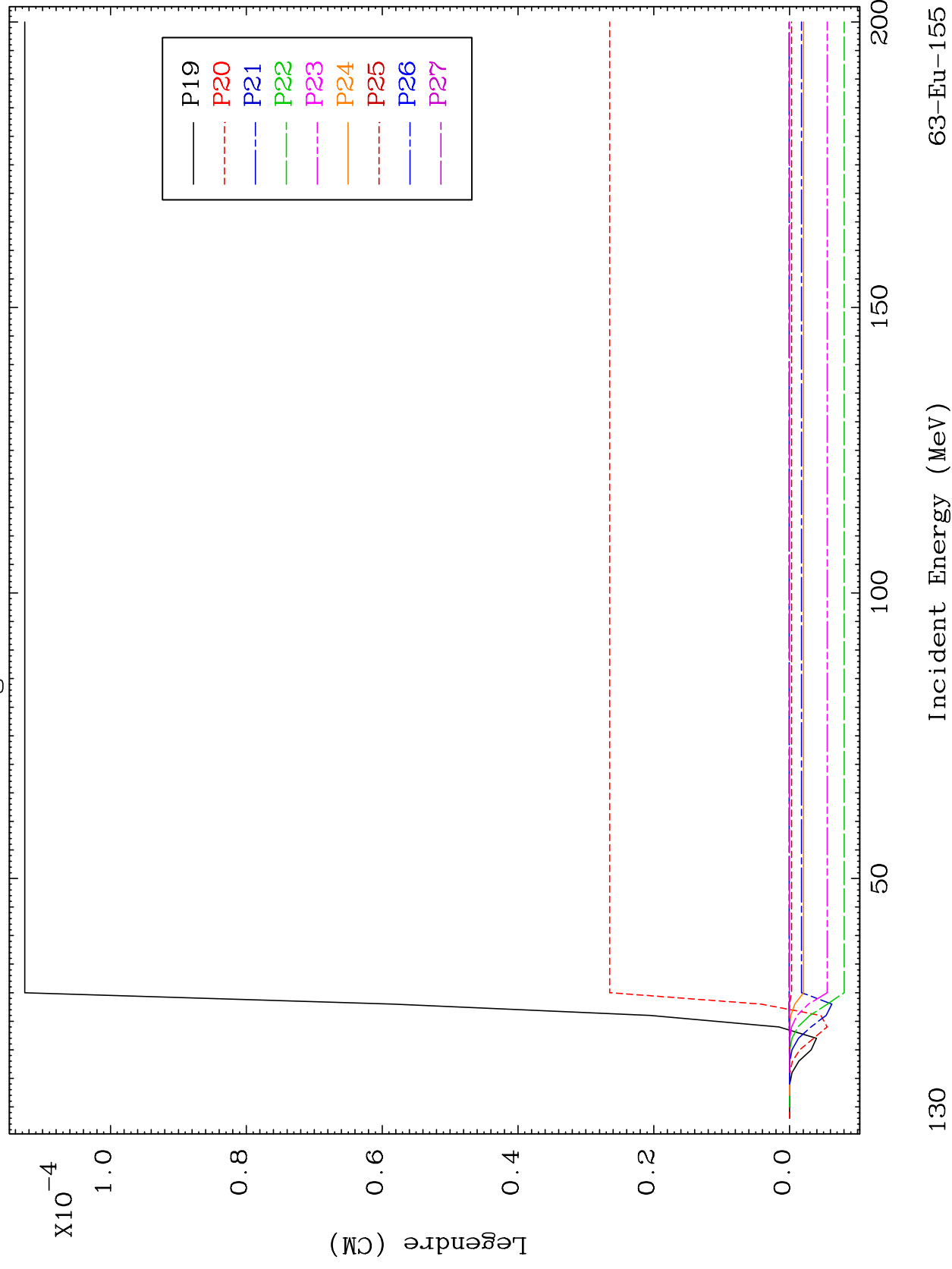
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

63-Eu-155



130

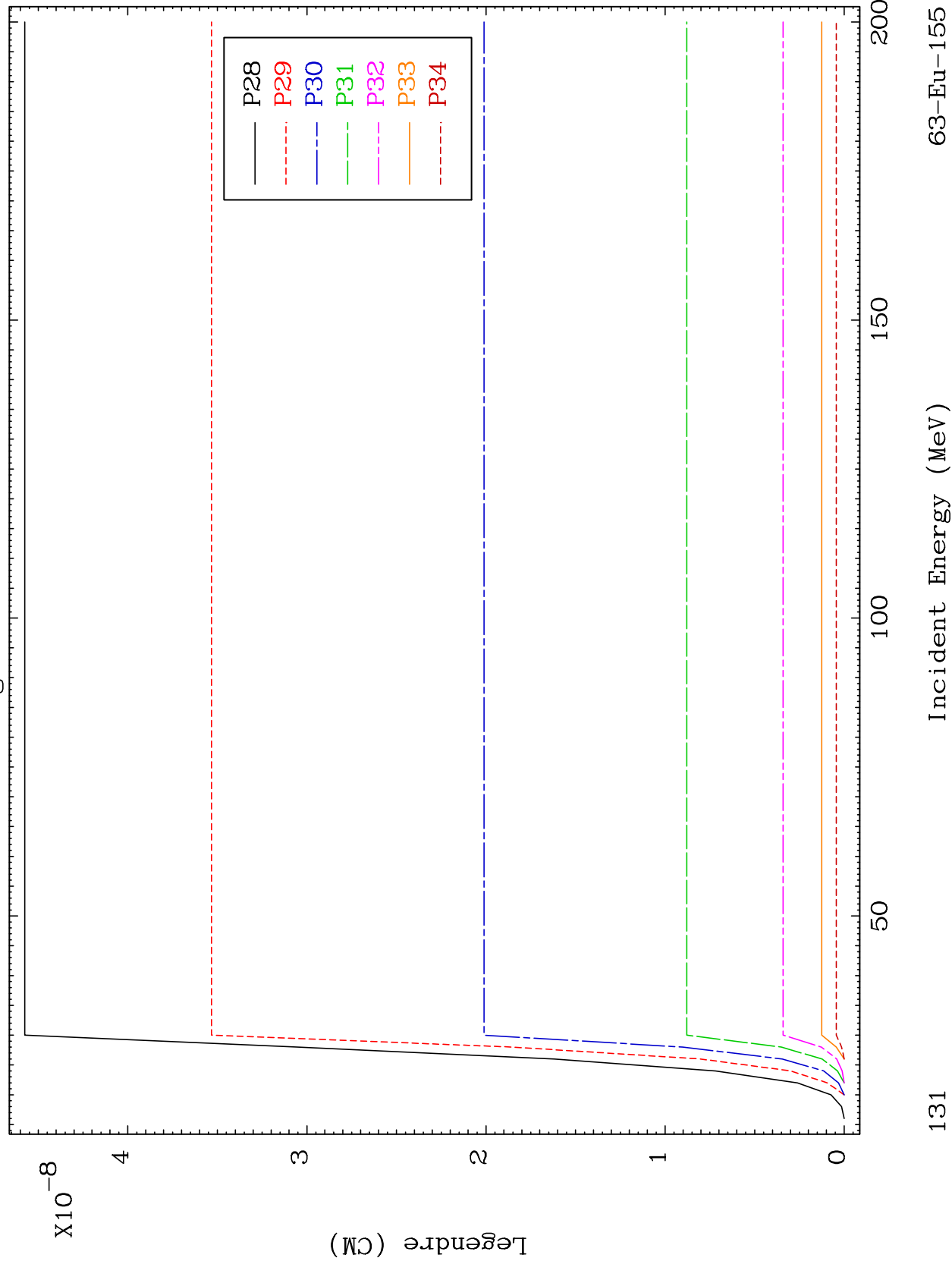
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

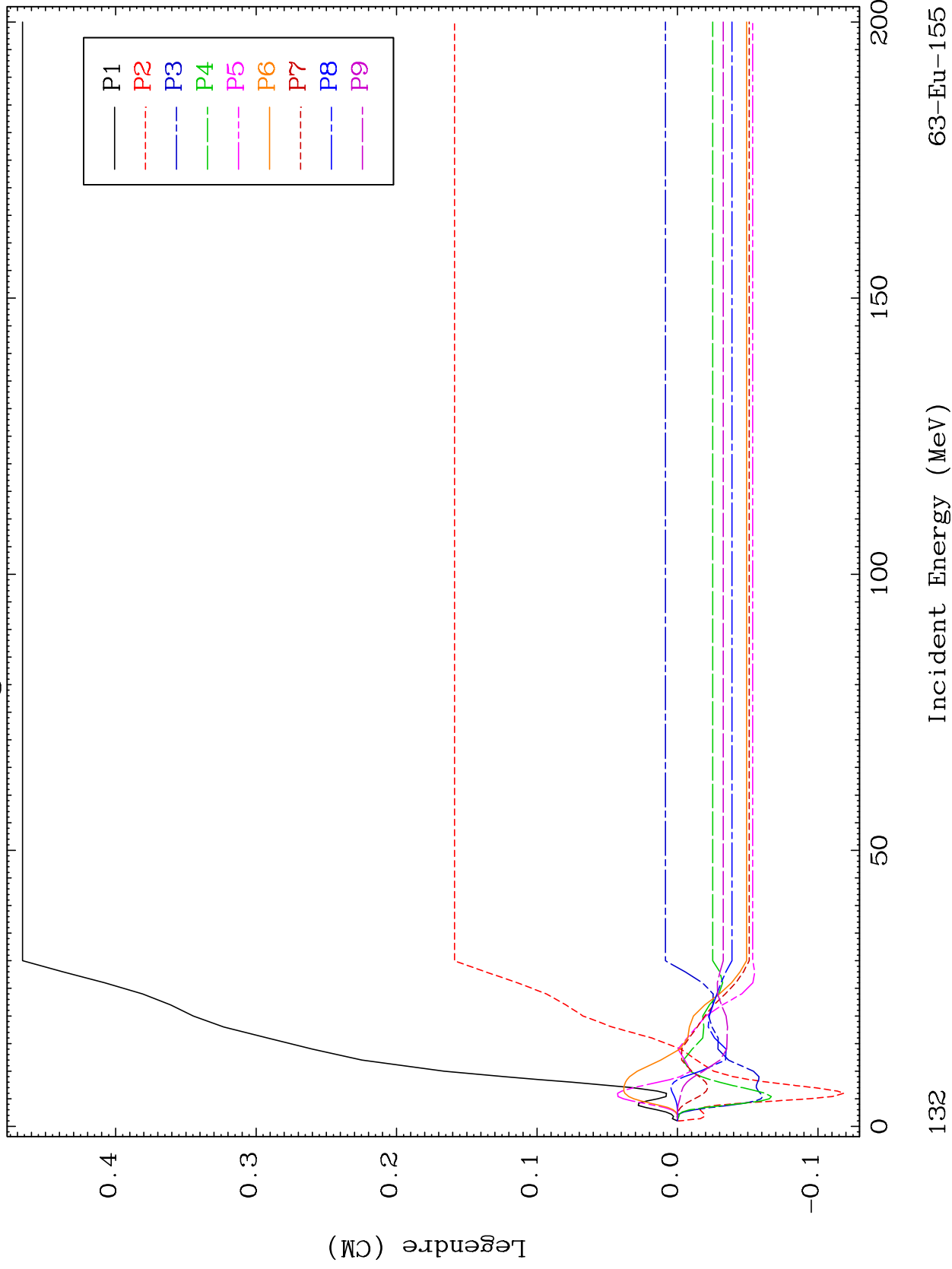
63-Eu-155



MAT 6337

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

63-Eu-155



63-Eu-155

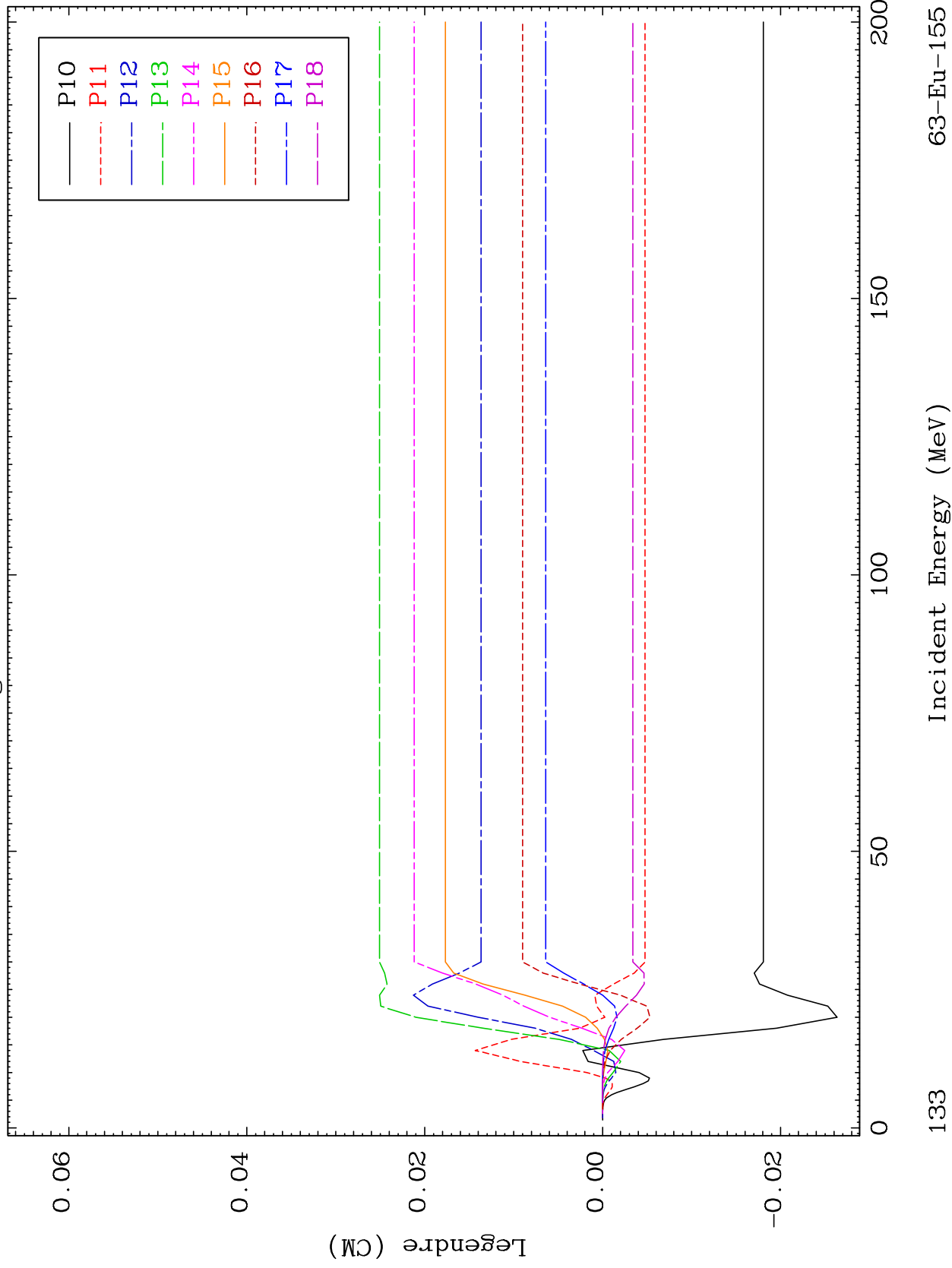
Incident Energy (MeV)

132

MAT 6337

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

63-Eu-155



133

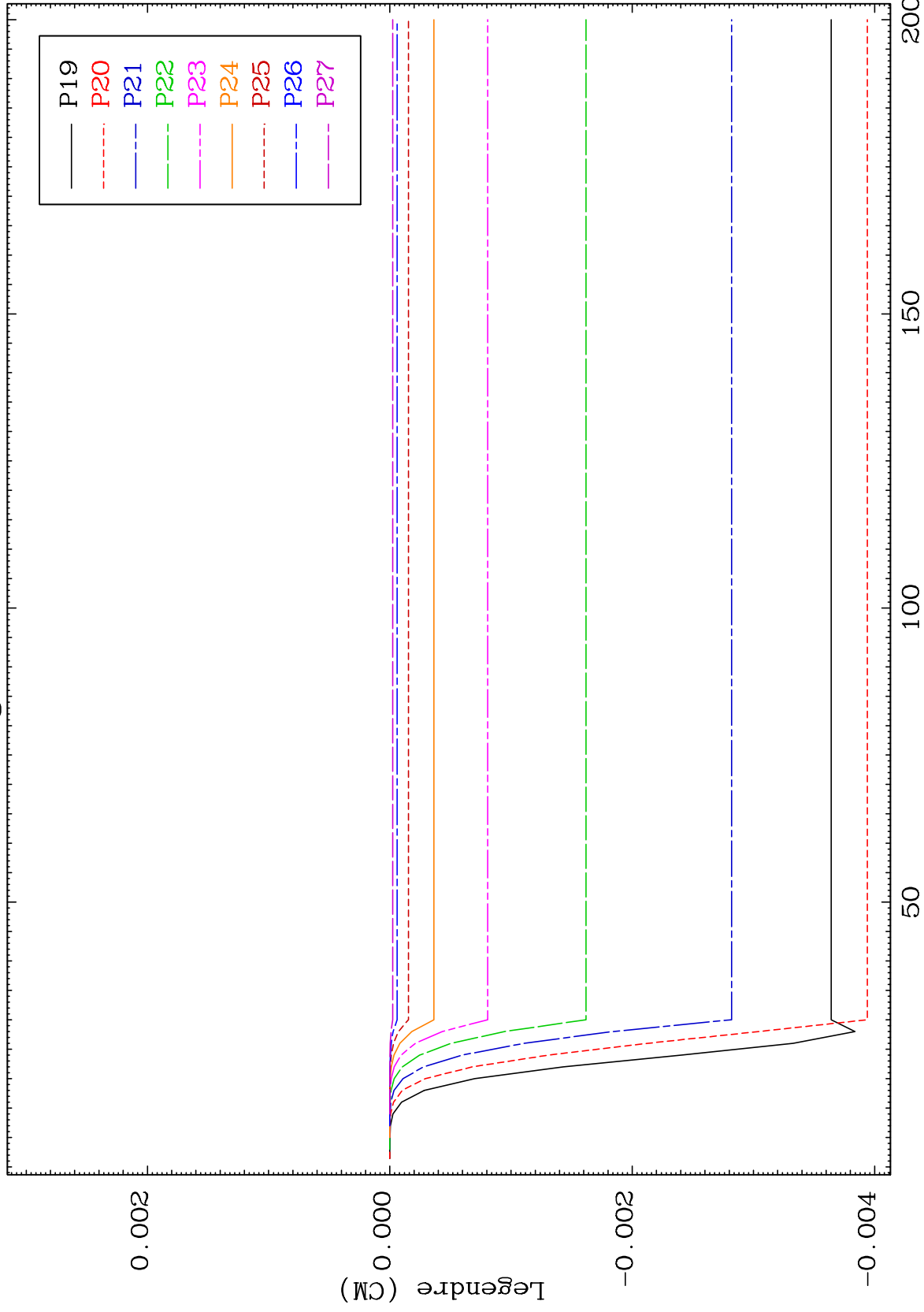
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

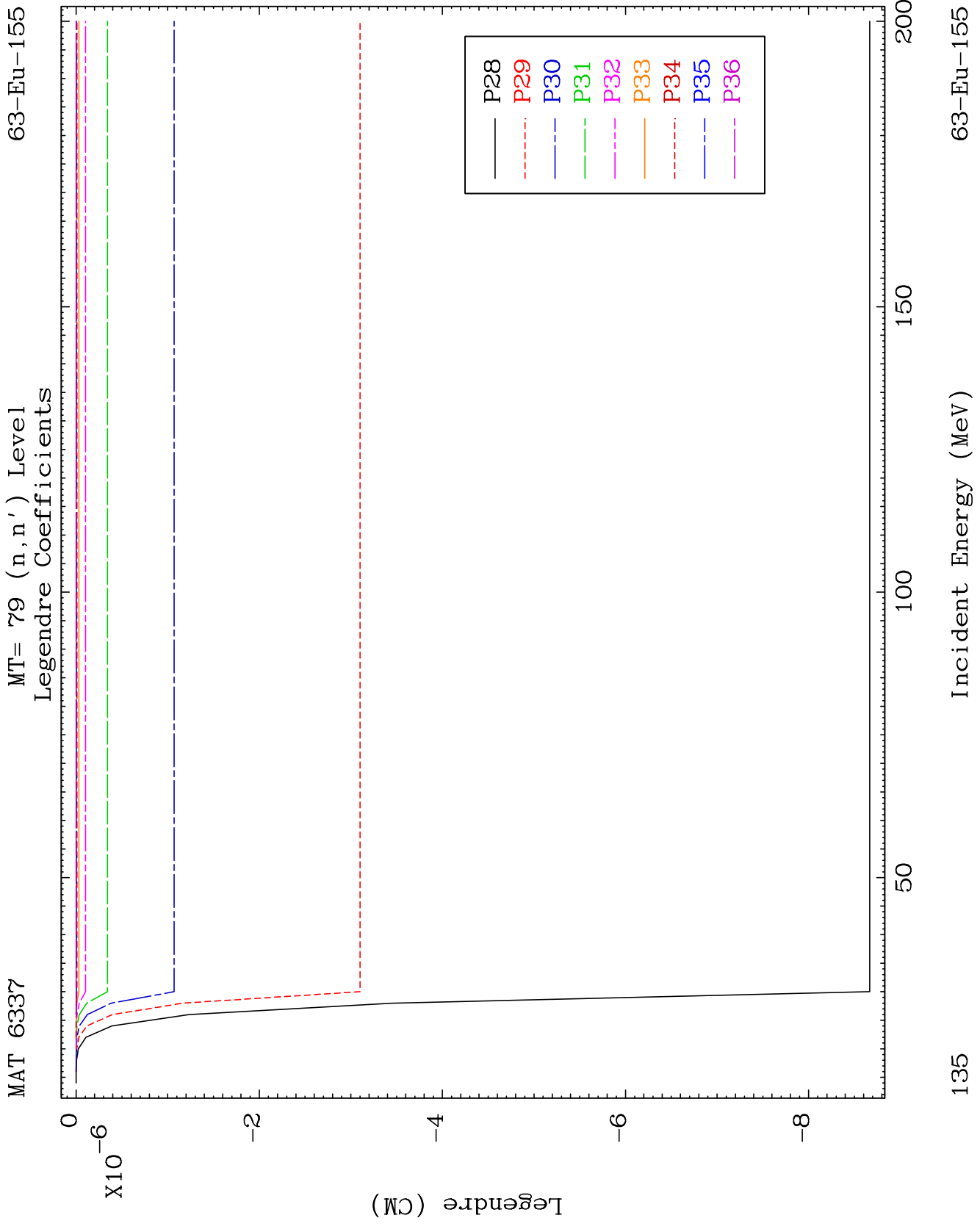
63-Eu-155



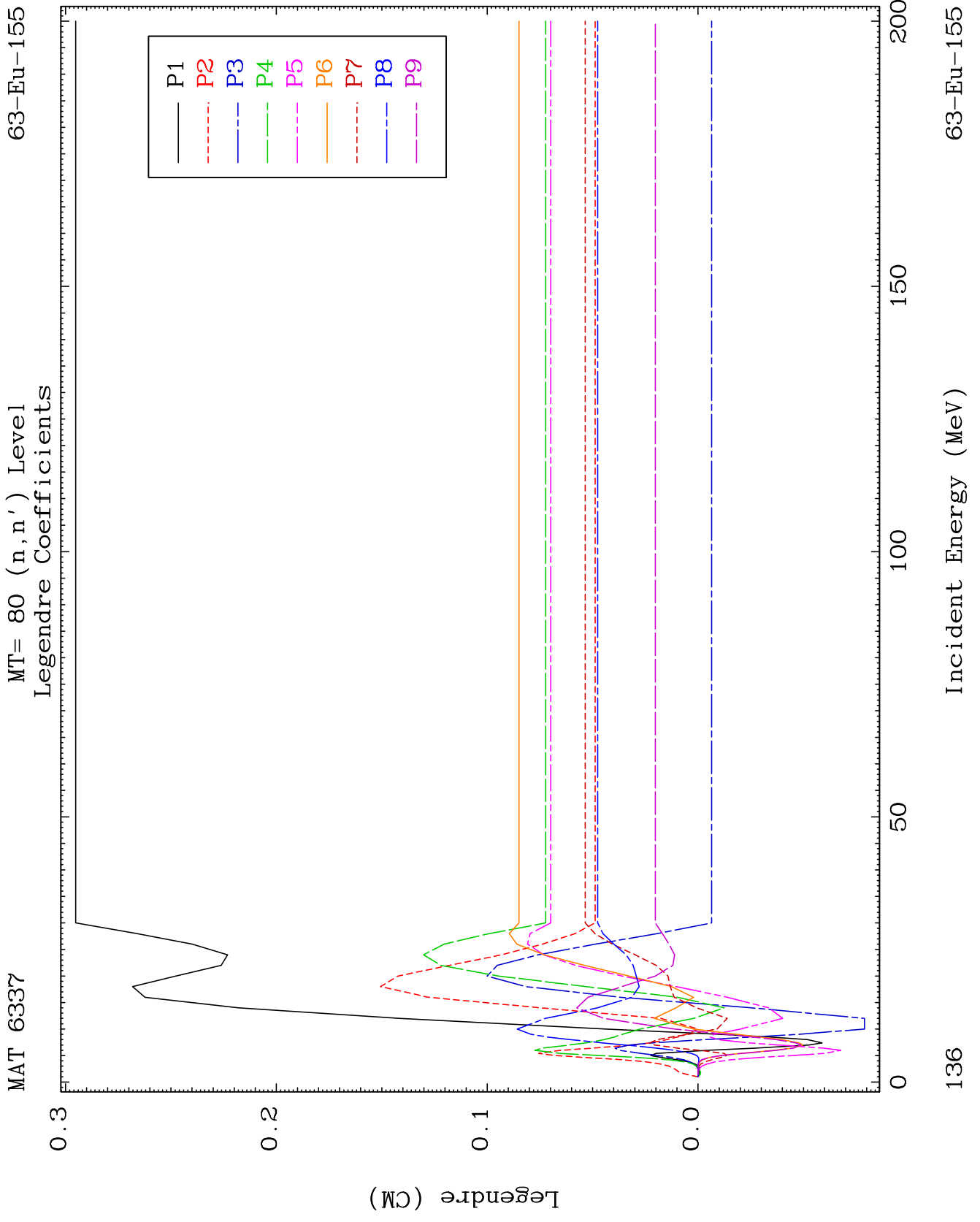
134

Incident Energy (MeV)

63-Eu-155







63-Eu-155

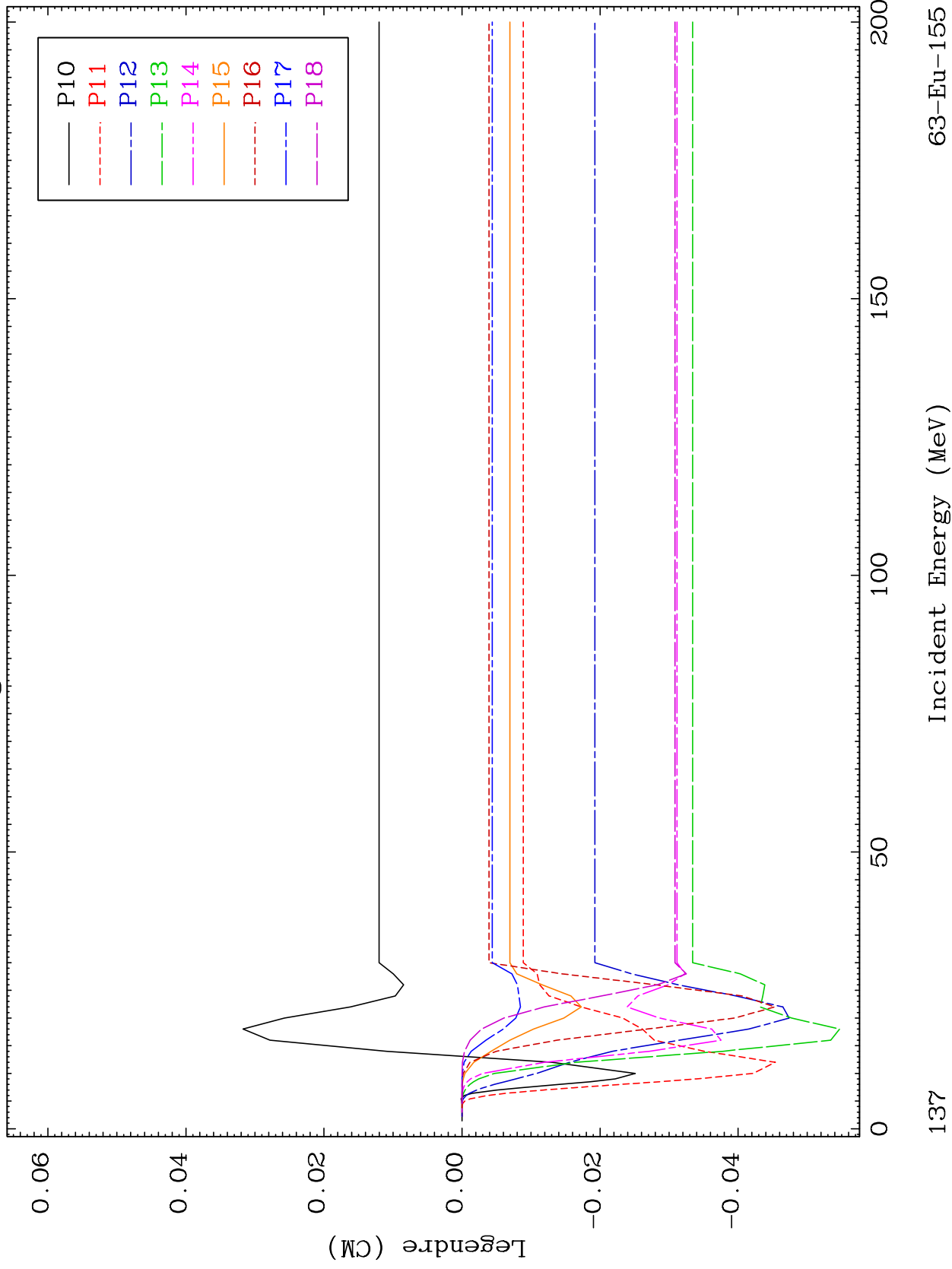
Incident Energy (MeV)

136

MAT 6337

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

63-Eu-155



137

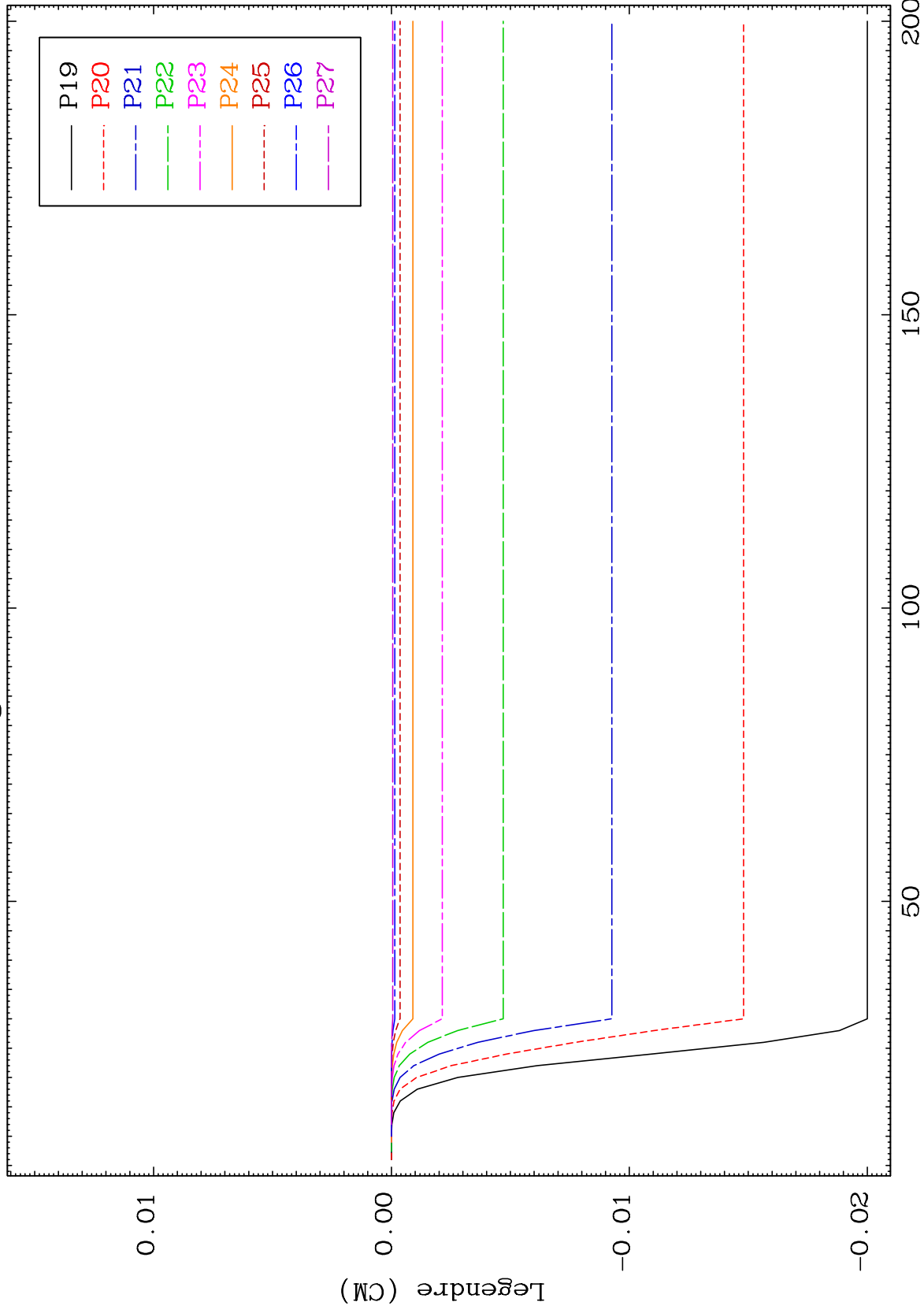
Incident Energy (MeV)

63-Eu-155

MAT 6337

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

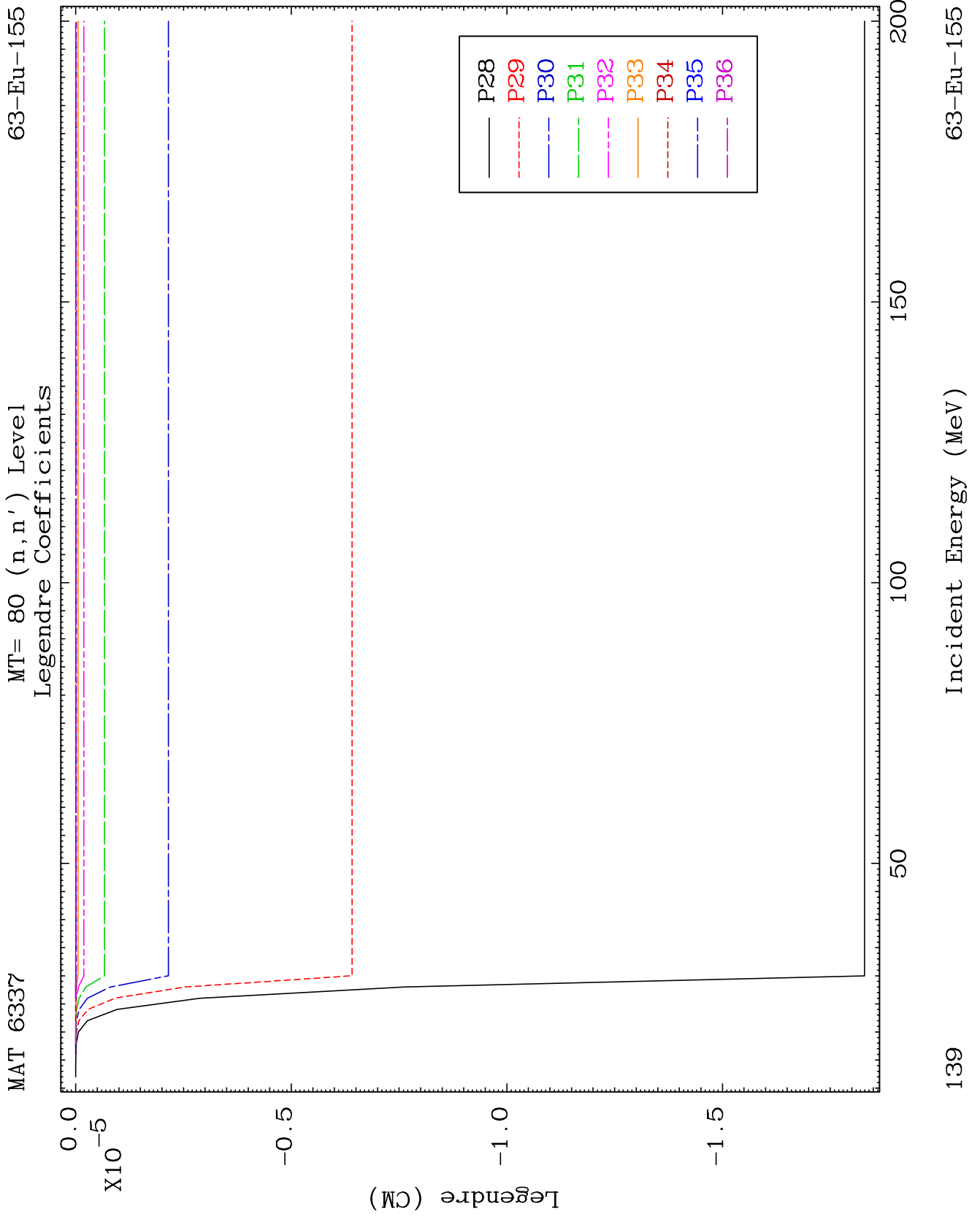
63-Eu-155



138

Incident Energy (MeV)

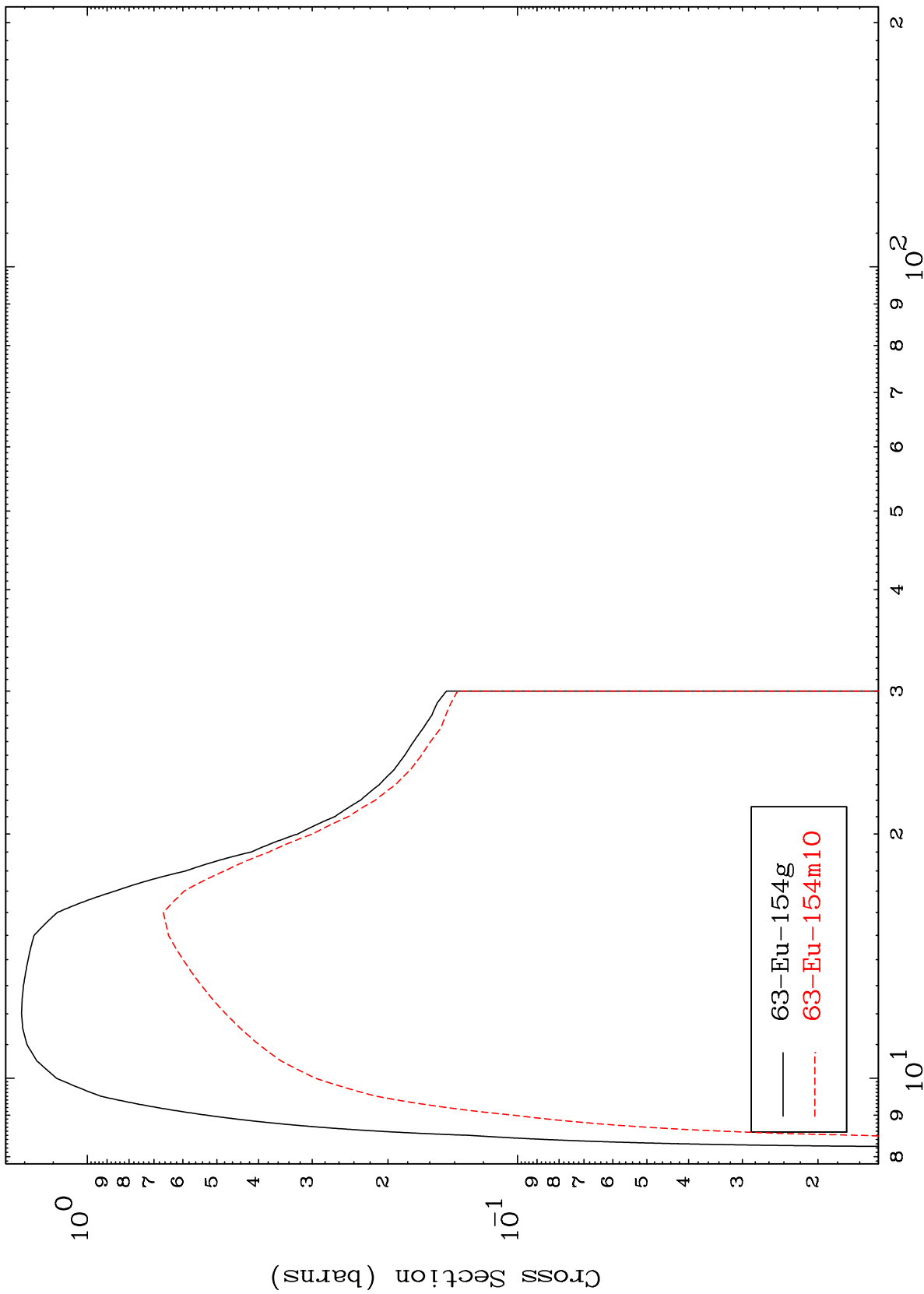
63-Eu-155



MAT 6337

63-Eu-155

(n,2n)  
Radionuclide Production Cross Section



63-Eu-155

Incident Energy (MeV)

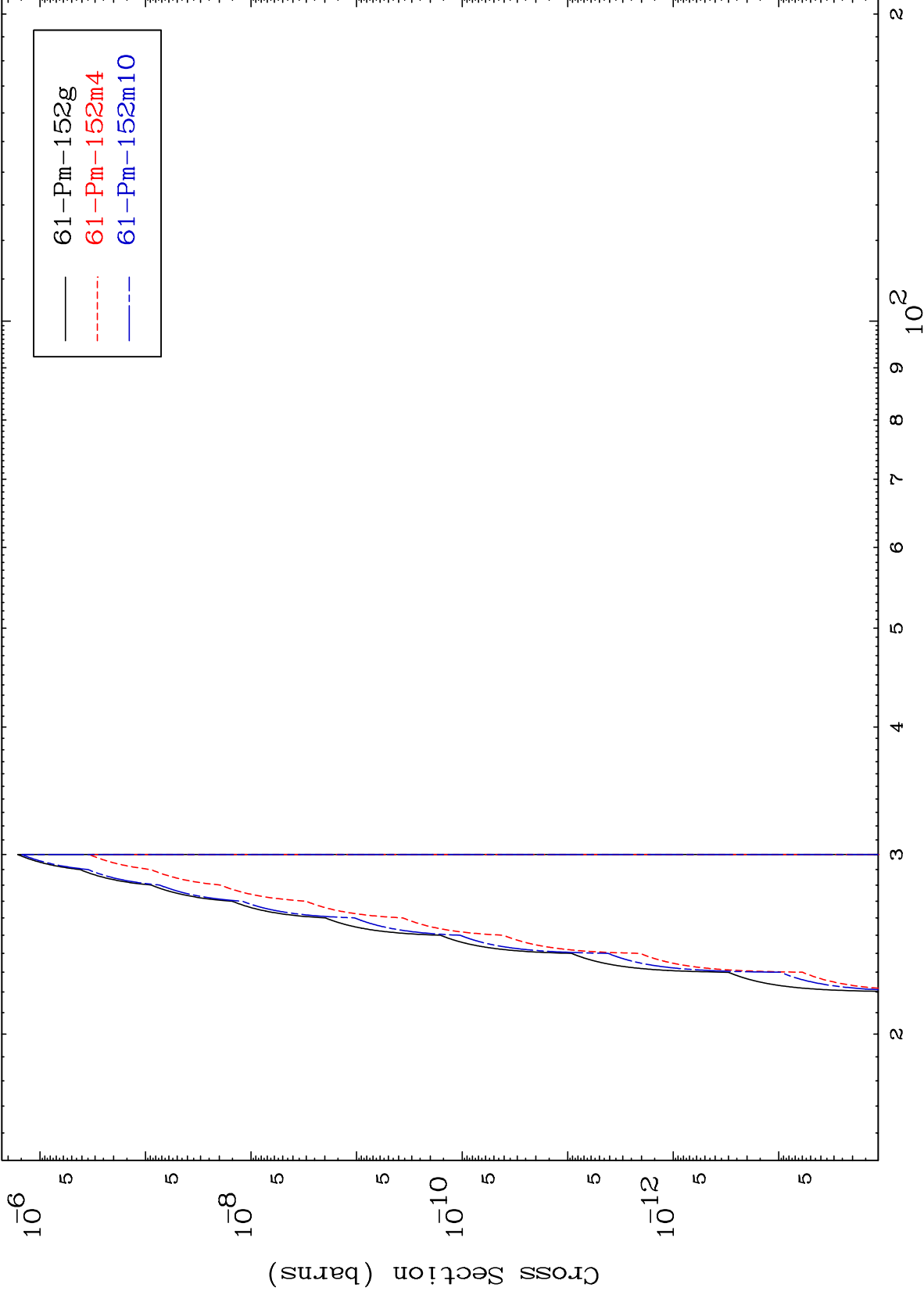
140

MAT 6337

(n,n') He-3

63-Eu-155

Radionuclide Production Cross Section

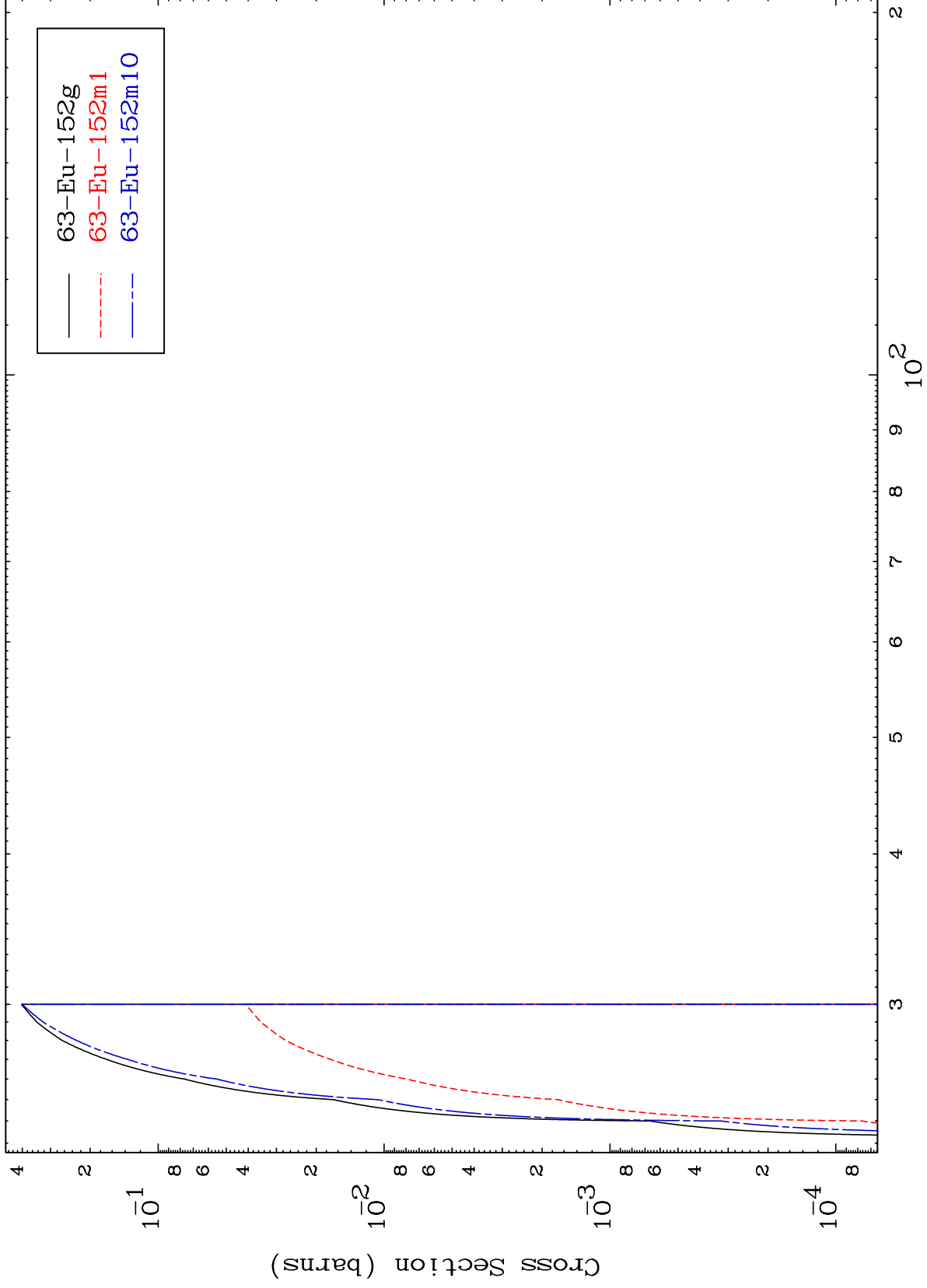


141

Incident Energy (MeV)

63-Eu-155

Radionuclide Production Cross Section

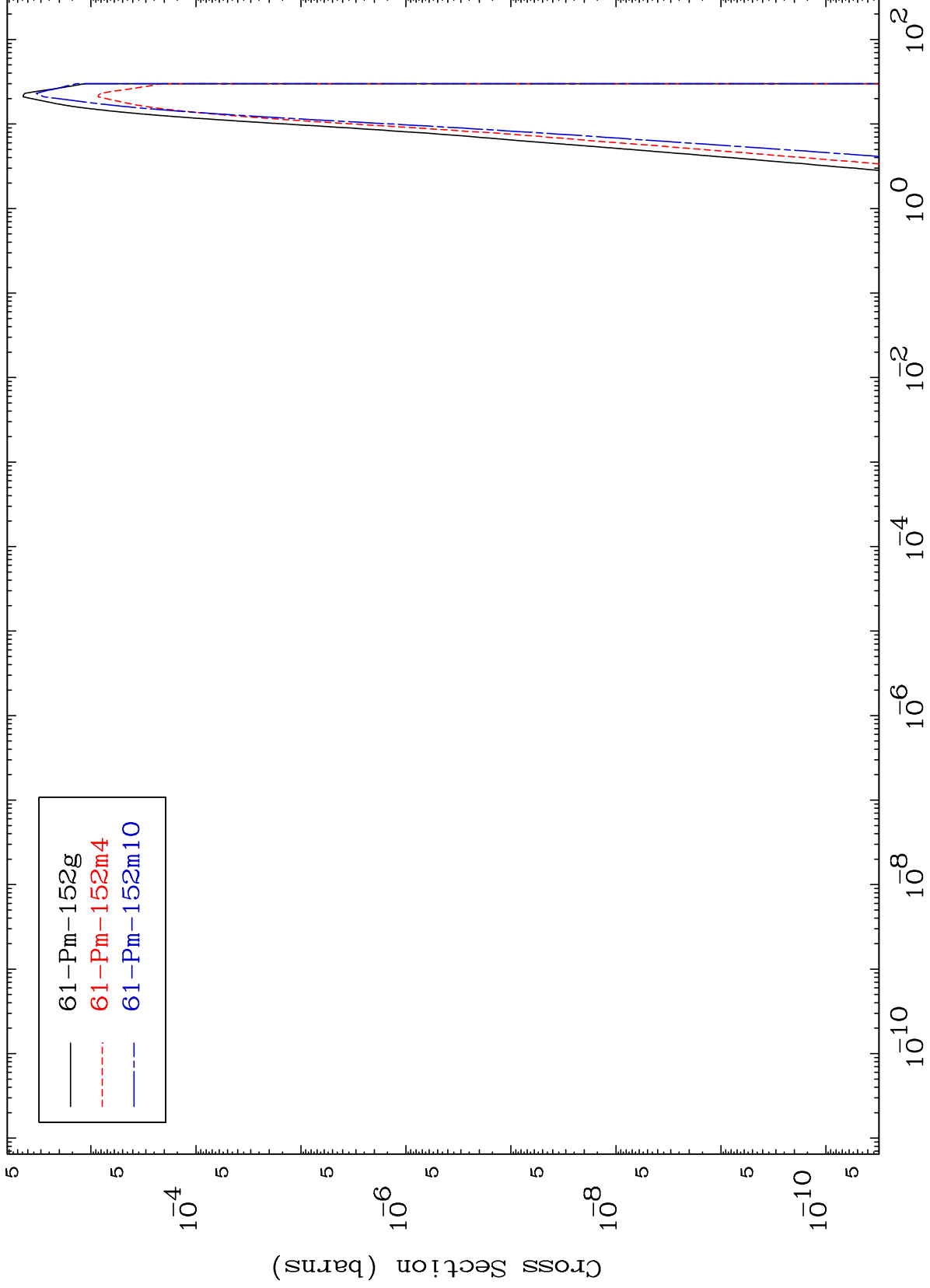


MAT 6337

(n,  $\alpha$ )

<sup>63</sup>Eu-155

Radionuclide Production Cross Section



143

Incident Energy (MeV)

<sup>63</sup>Eu-155

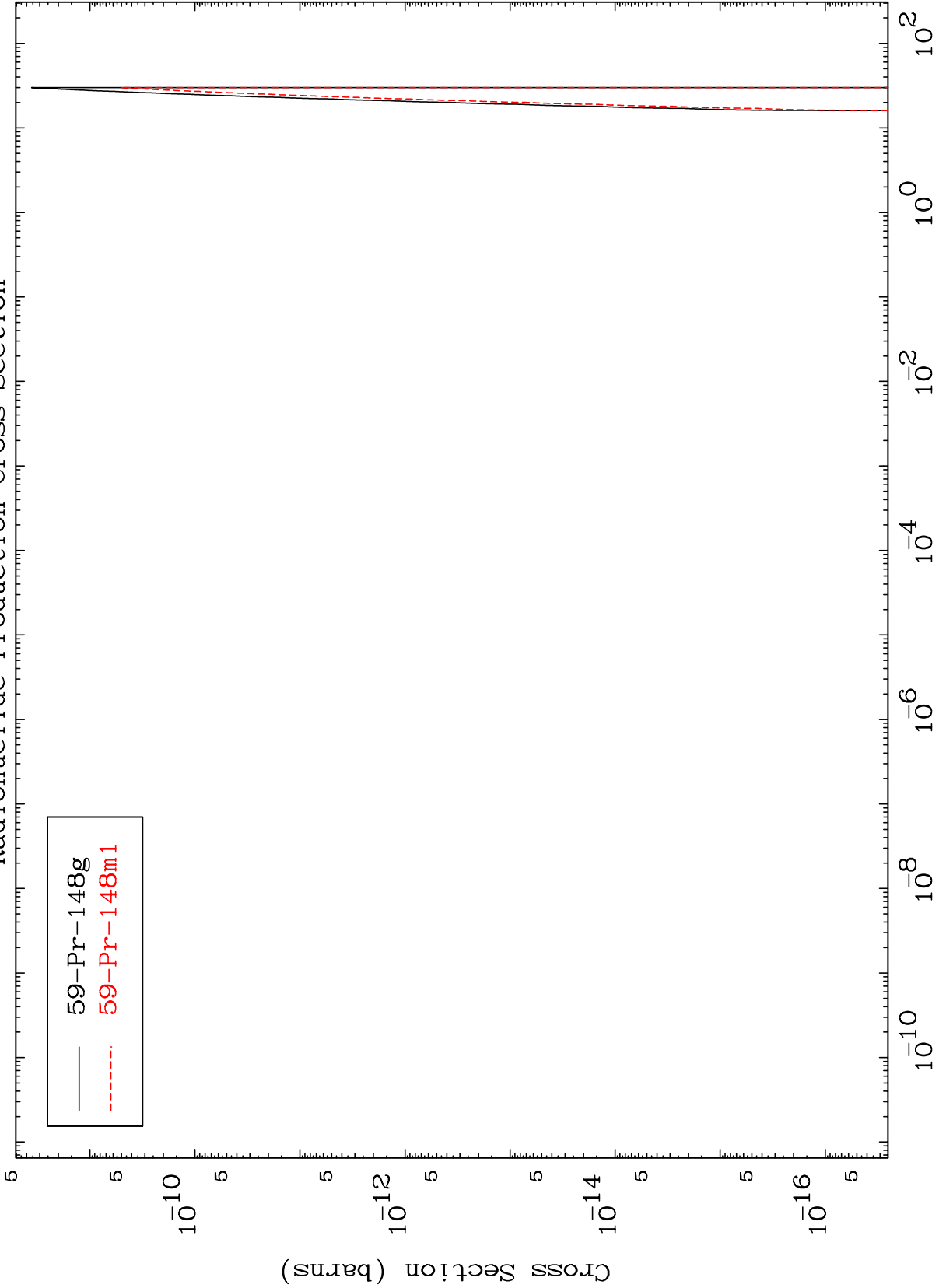


MAT 6337

(n,2α)

63-Eu-155

Radionuclide Production Cross Section



59-Pr-148g  
59-Pr-148m1

Incident Energy (MeV)

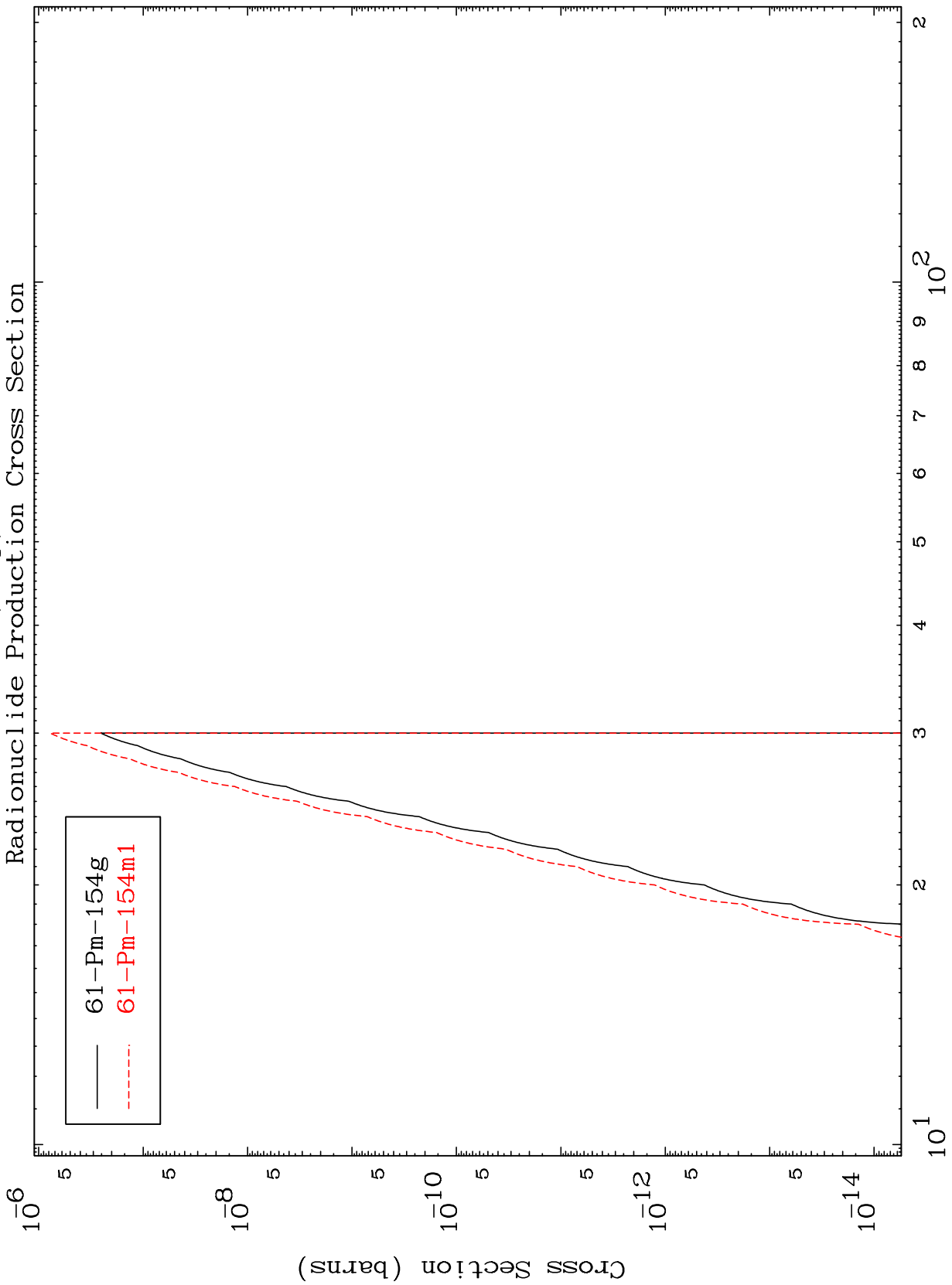
63-Eu-155

144

MAT 6337

63-Eu-155

(n,2p)  
Radionuclide Production Cross Section



63-Eu-155

Incident Energy (MeV)

145