

Program EVALPLOT  
(Version 2018-1)

by

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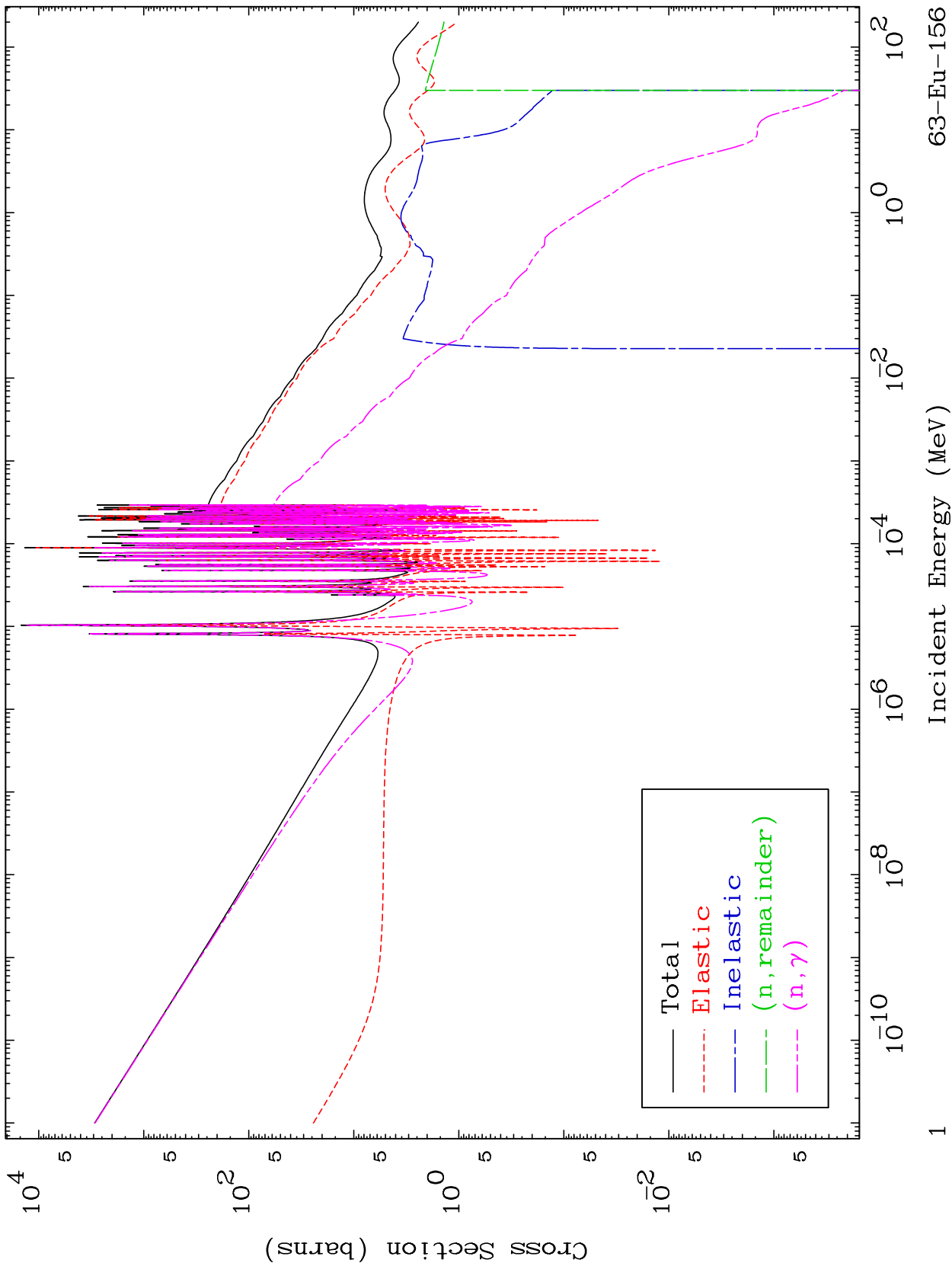
Press Mouse Button to Start

MAT 6340

Major

293 Kelvin Cross Sections

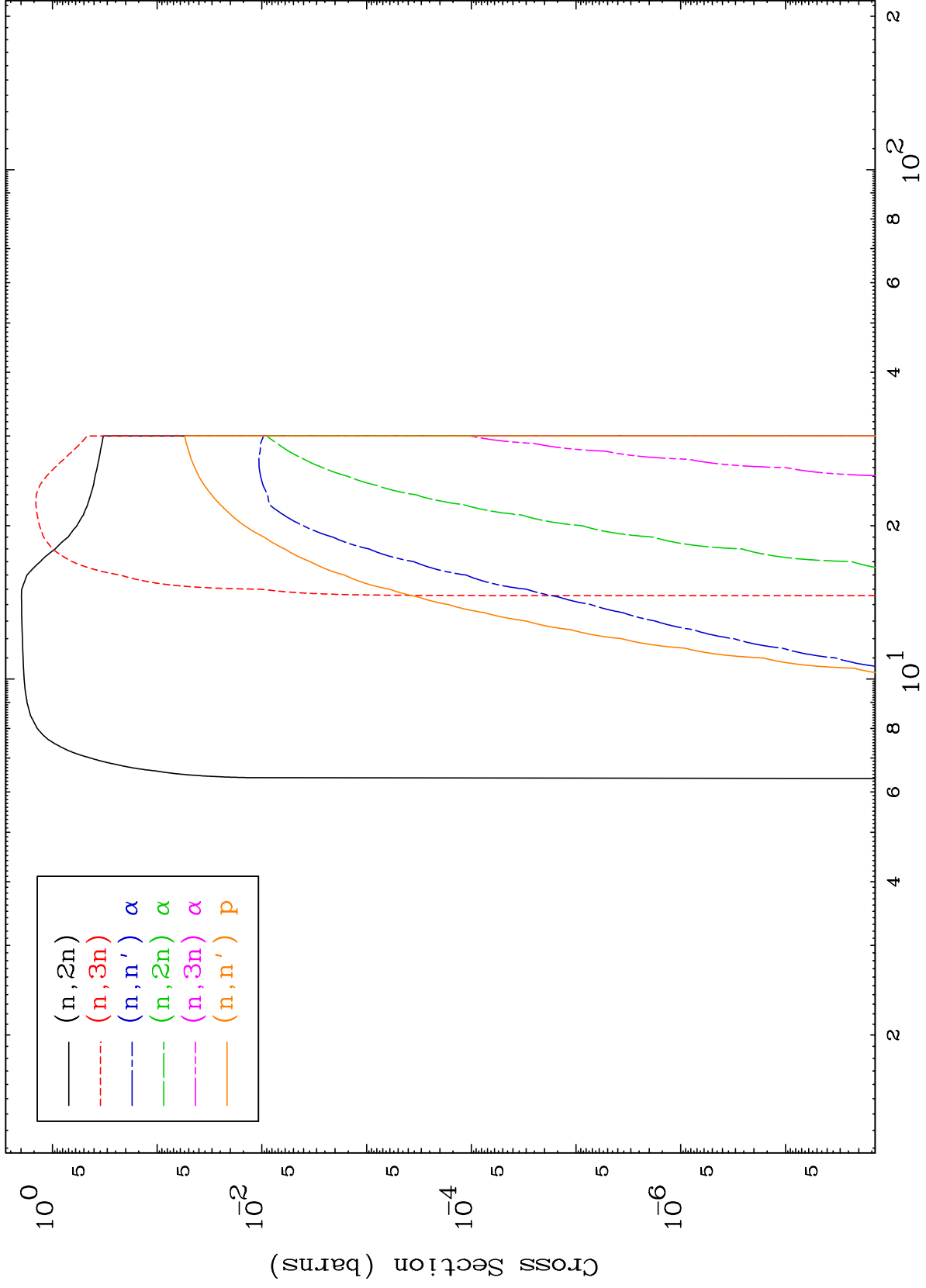
63-Eu-156

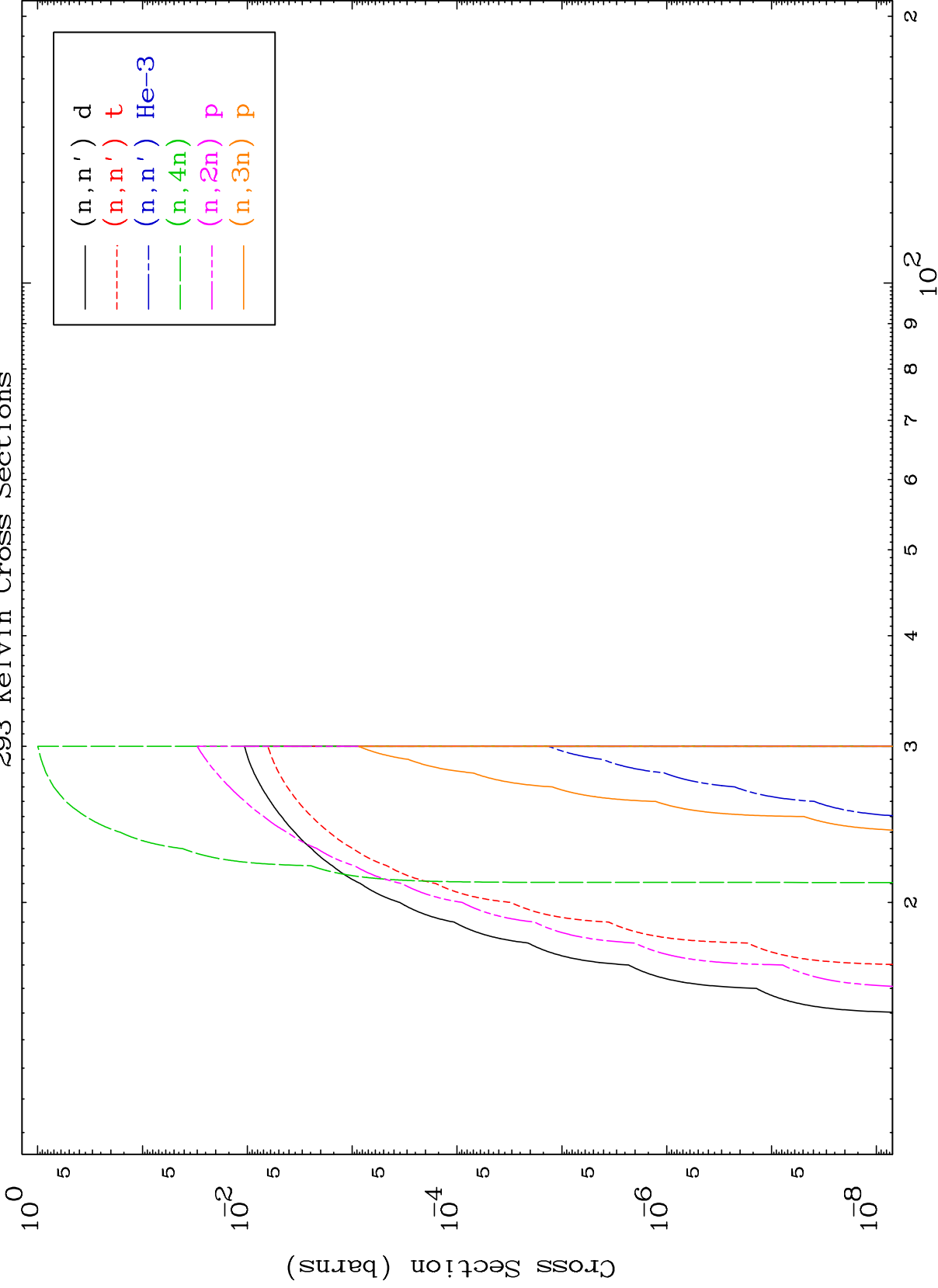


MAT 6340

Neutron Production  
293 Kelvin Cross Sections

63-Eu-156

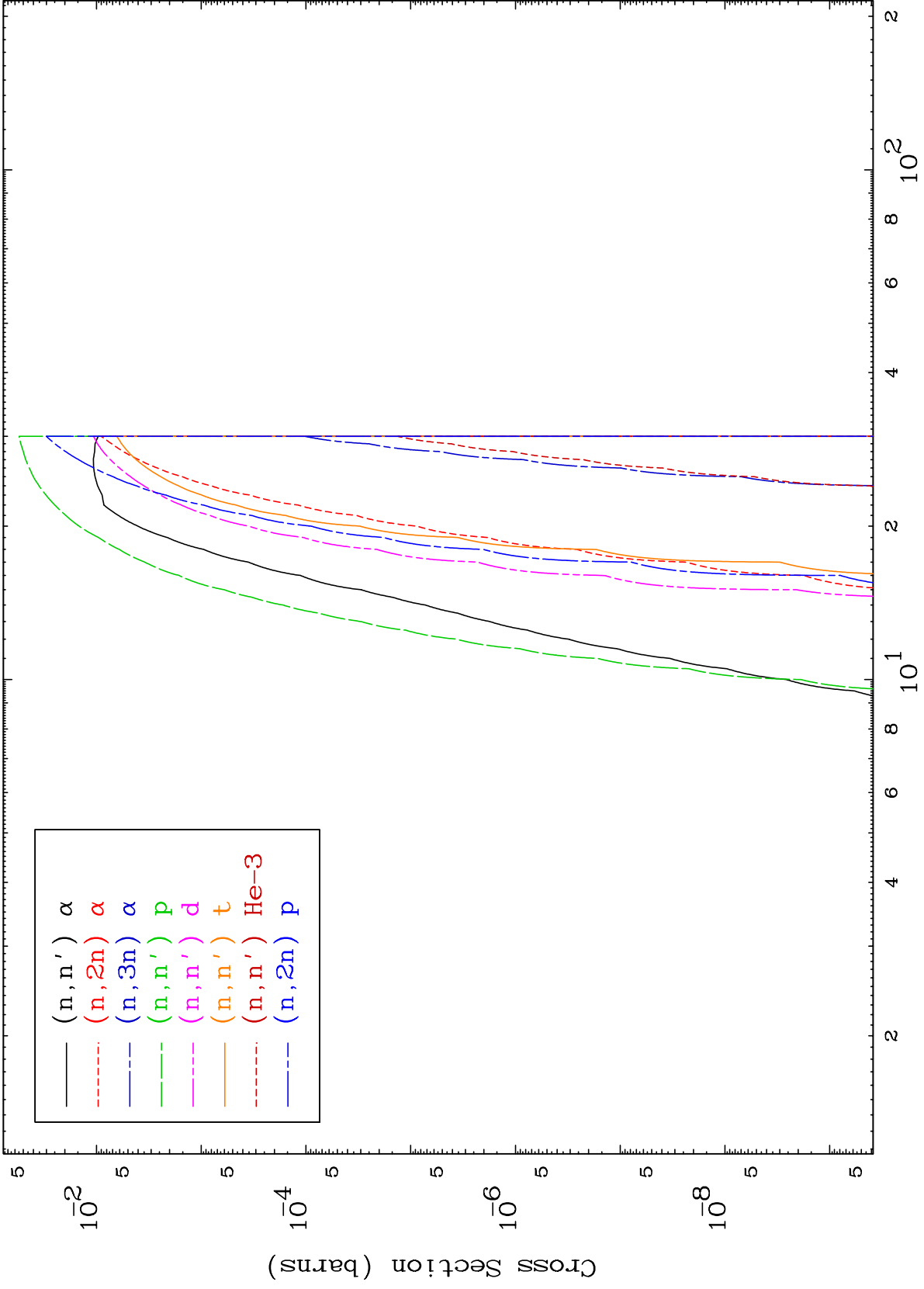




MAT 6340

Charged Particle  
293 Kelvin Cross Sections

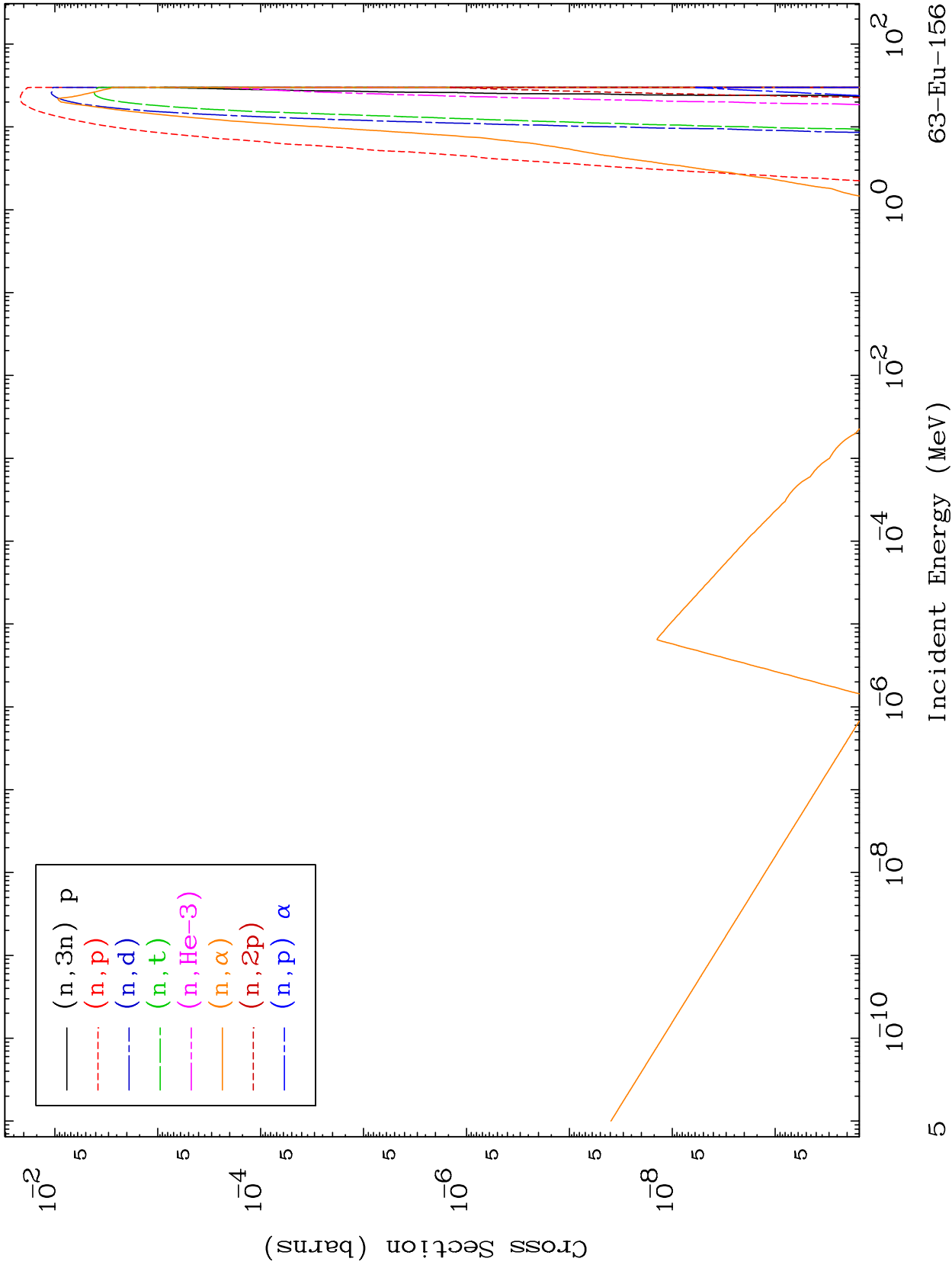
63-Eu-156



MAT 6340

Charged Particle  
293 Kelvin Cross Sections

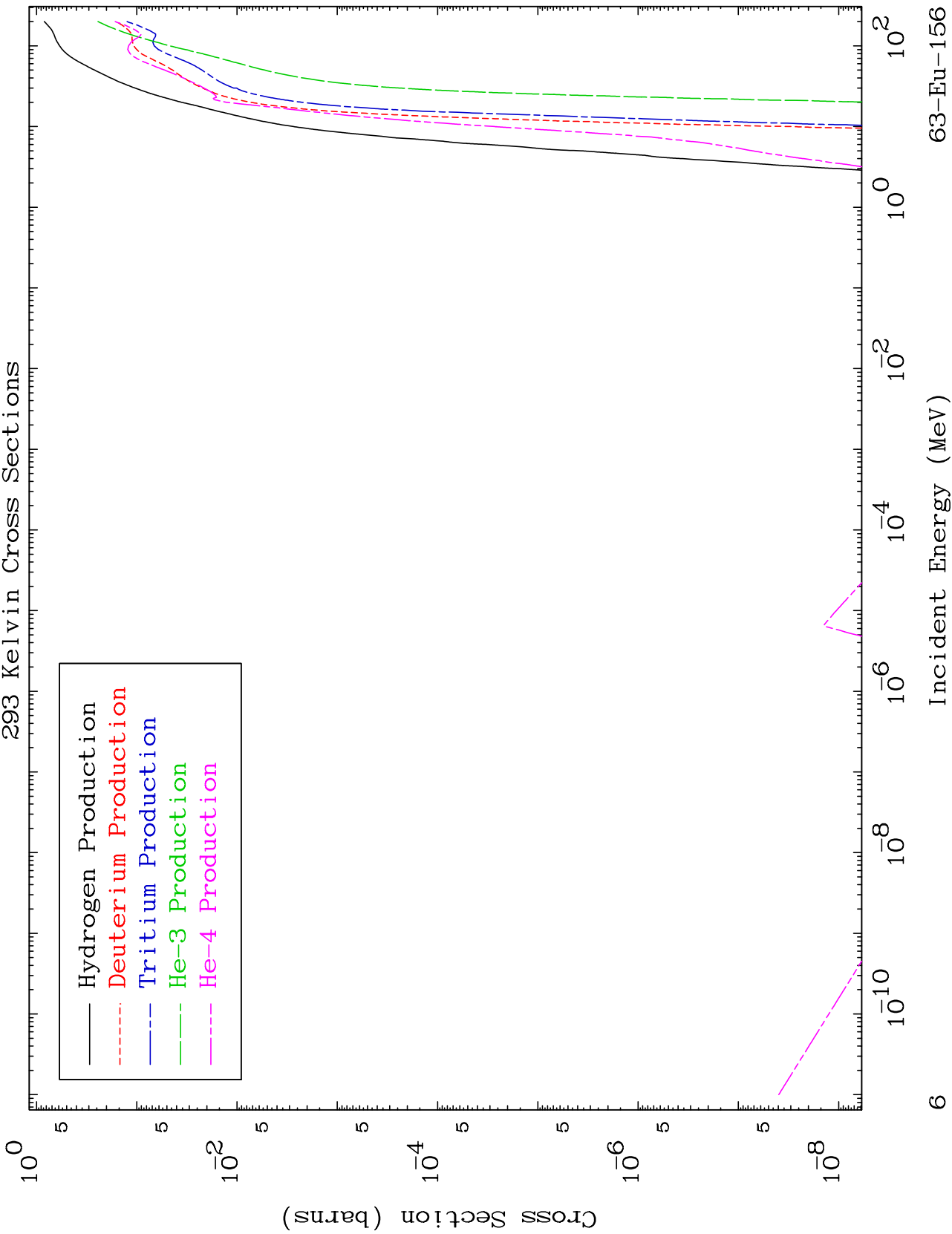
63-Eu-156



MAT 6340

Particle Production  
293 Kelvin Cross Sections

63-Eu-156

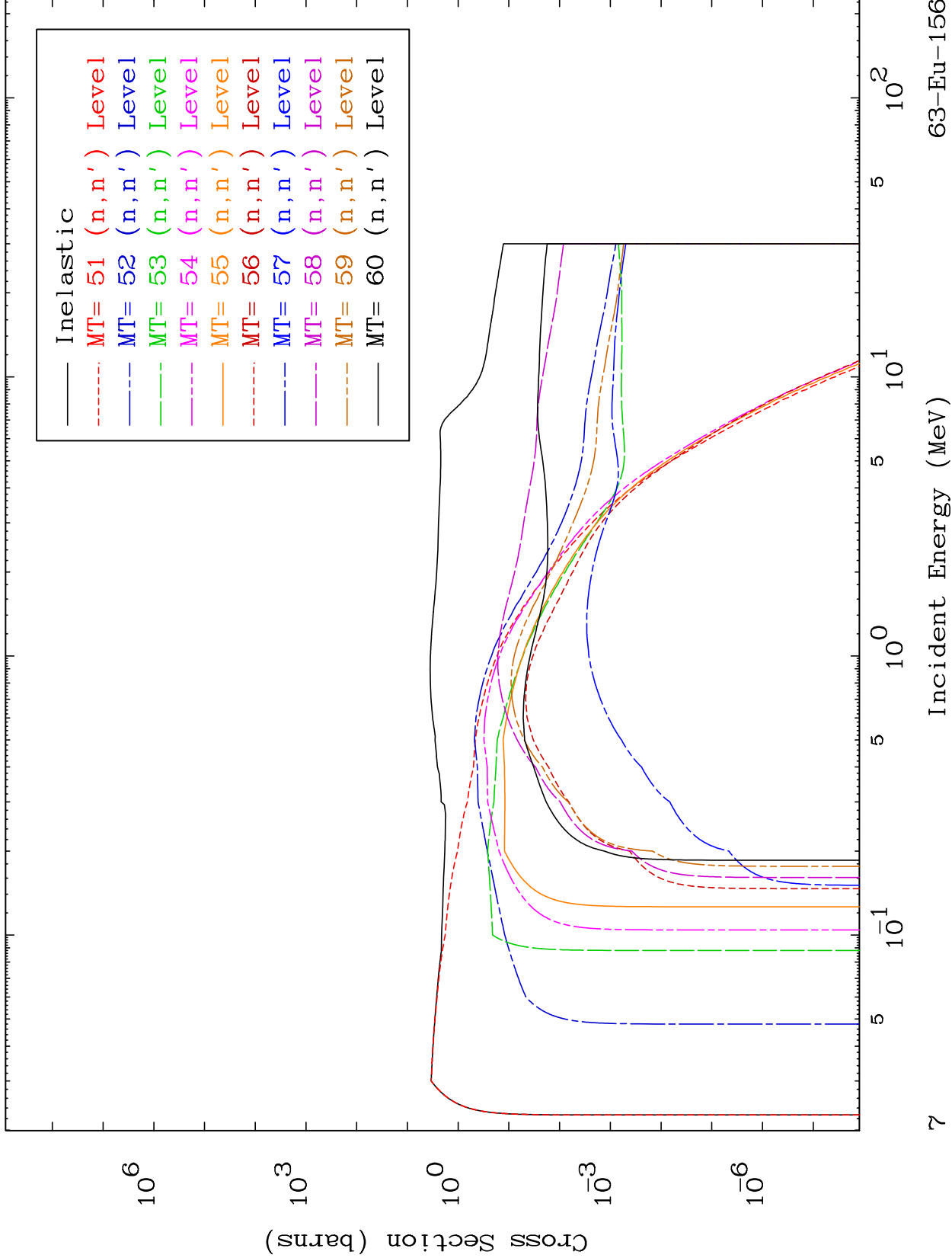


MAT 6340

(n,n') Level

63-Eu-156

293 Kelvin Cross Sections



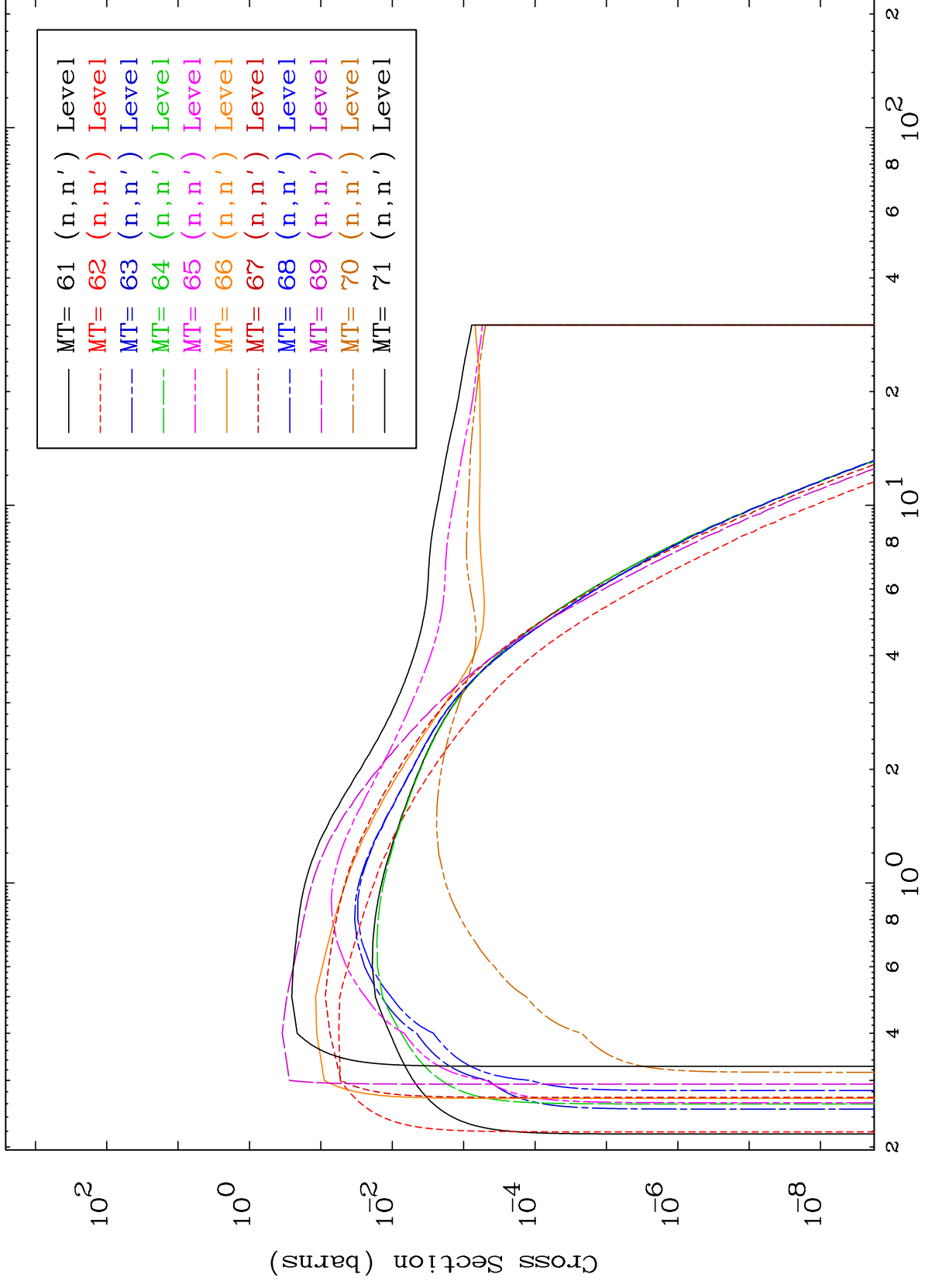


MAT 6340

(n,n') Level

63-Eu-156

293 Kelvin Cross Sections

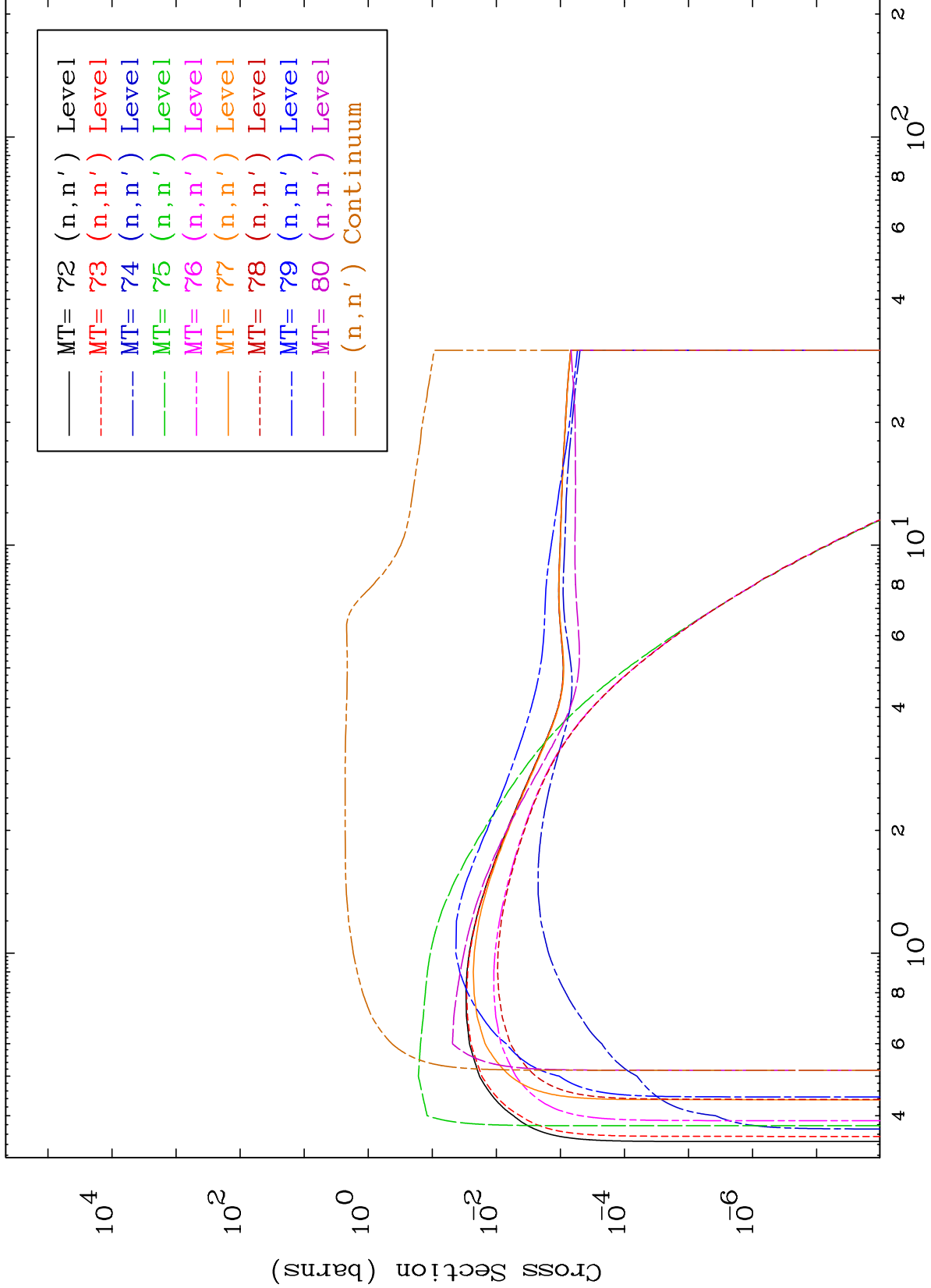


Incident Energy (MeV)

63-Eu-156

8

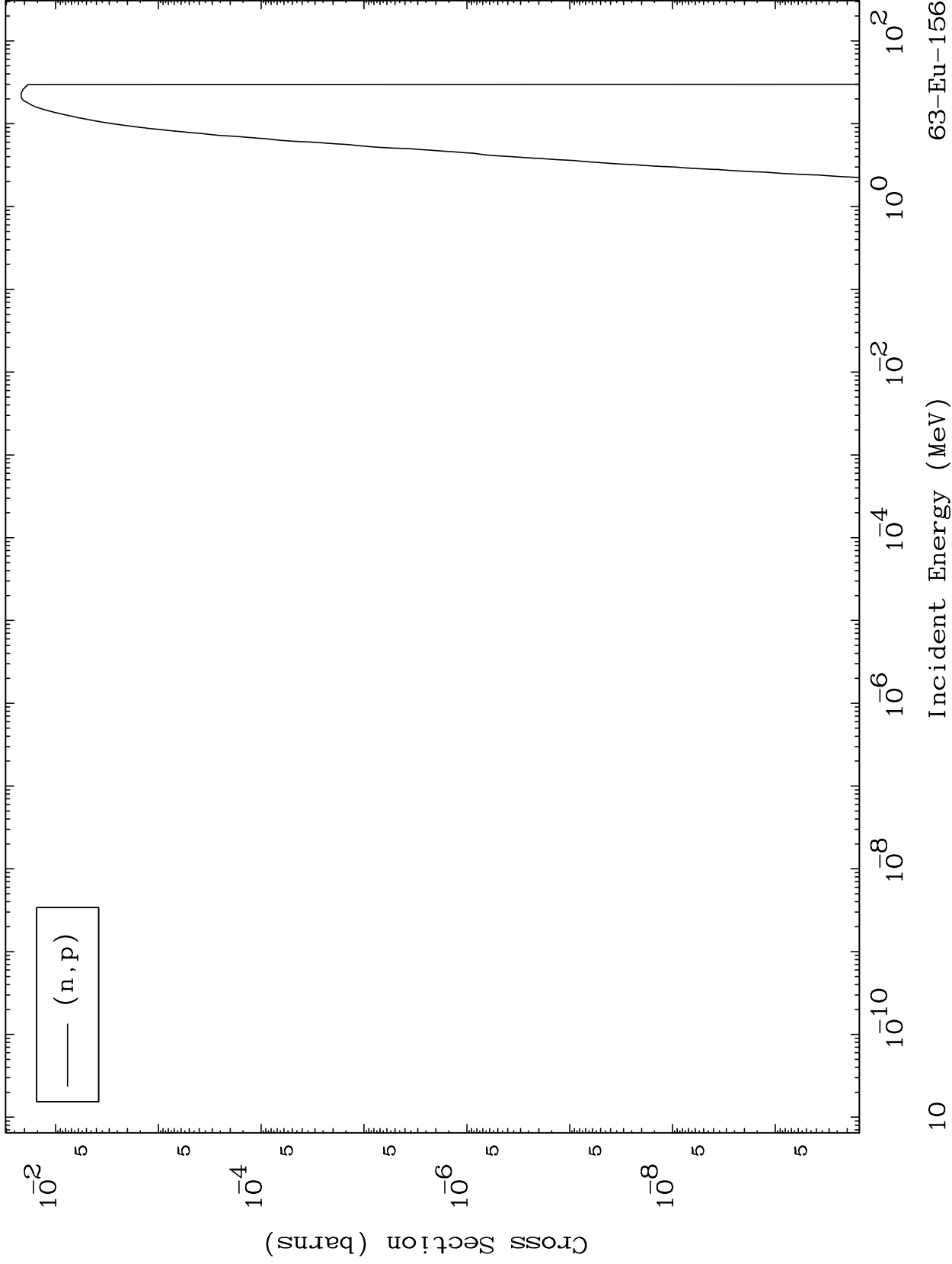
293 Kelvin Cross Sections



MAT 6340

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-156



10

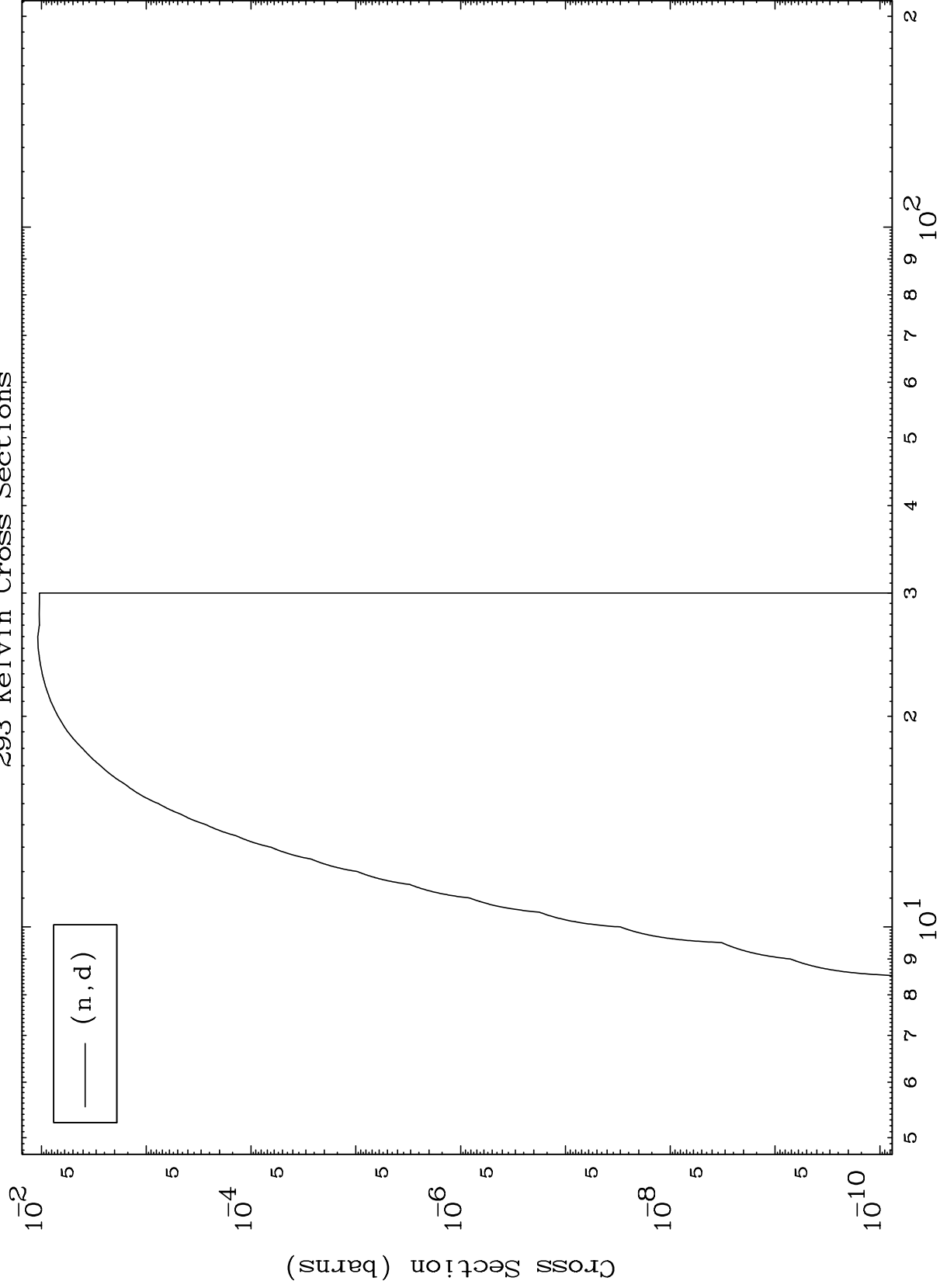
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-156



11

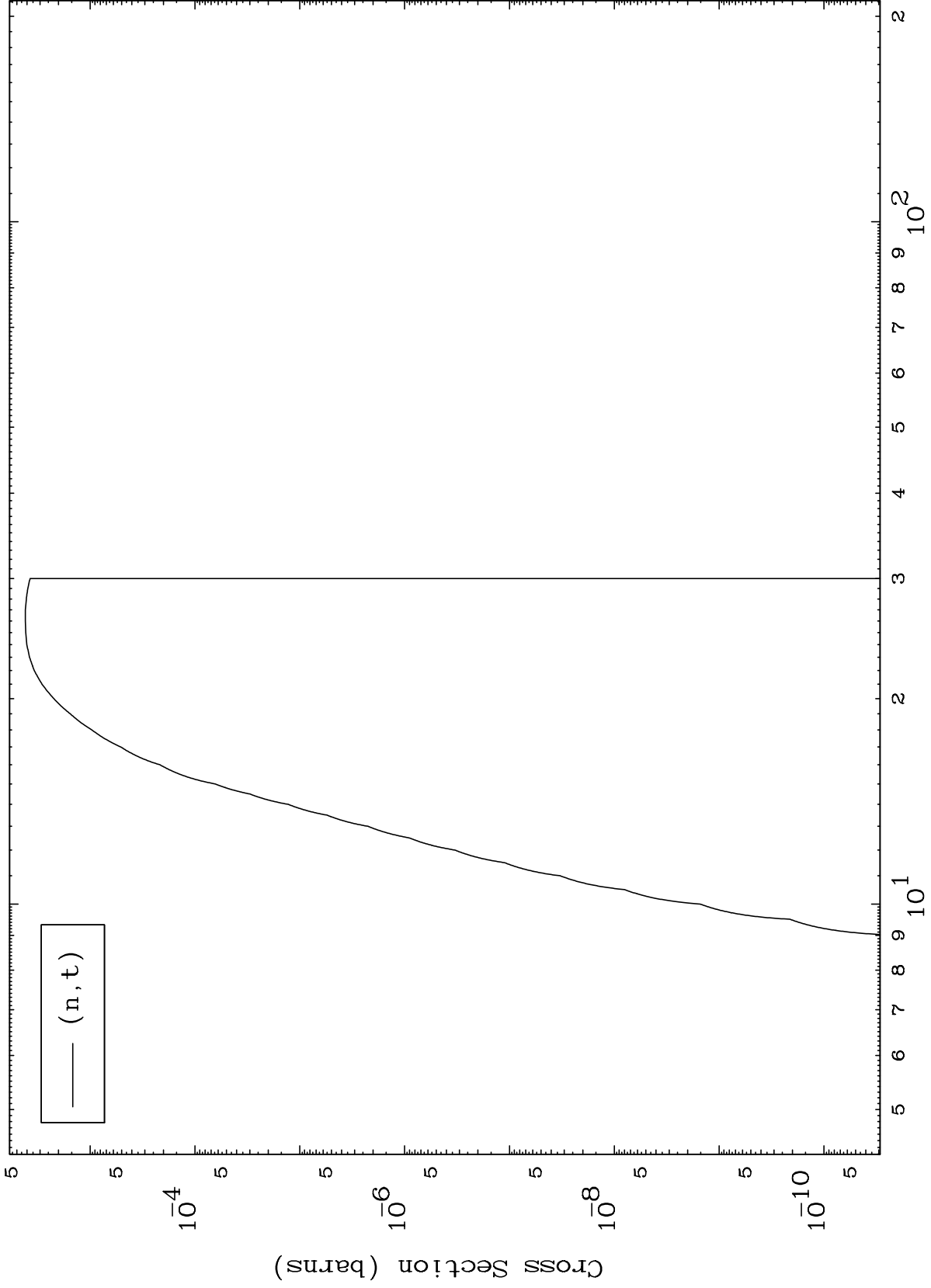
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-156



12

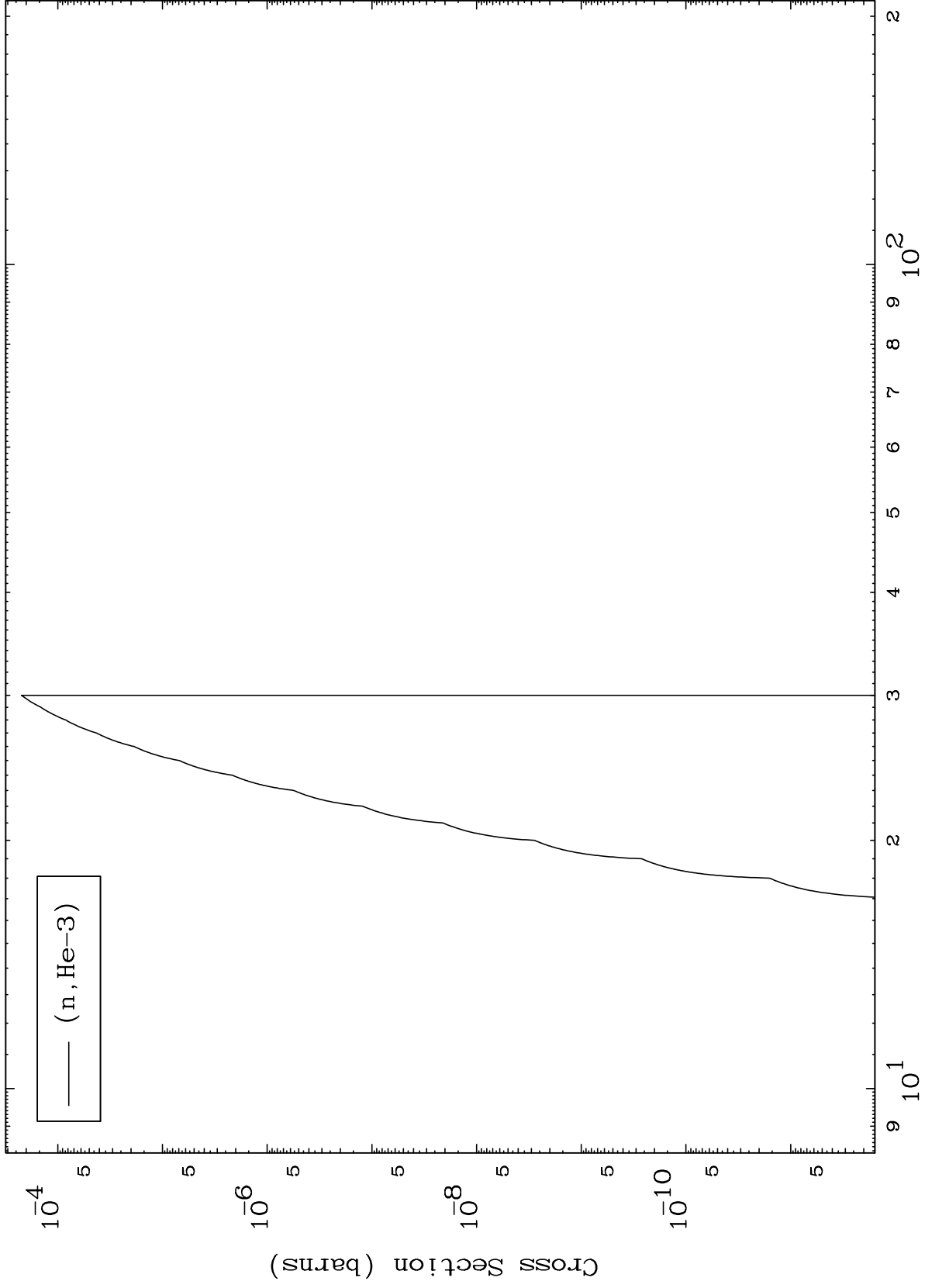
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,He3) Levels  
293 Kelvin Cross Sections

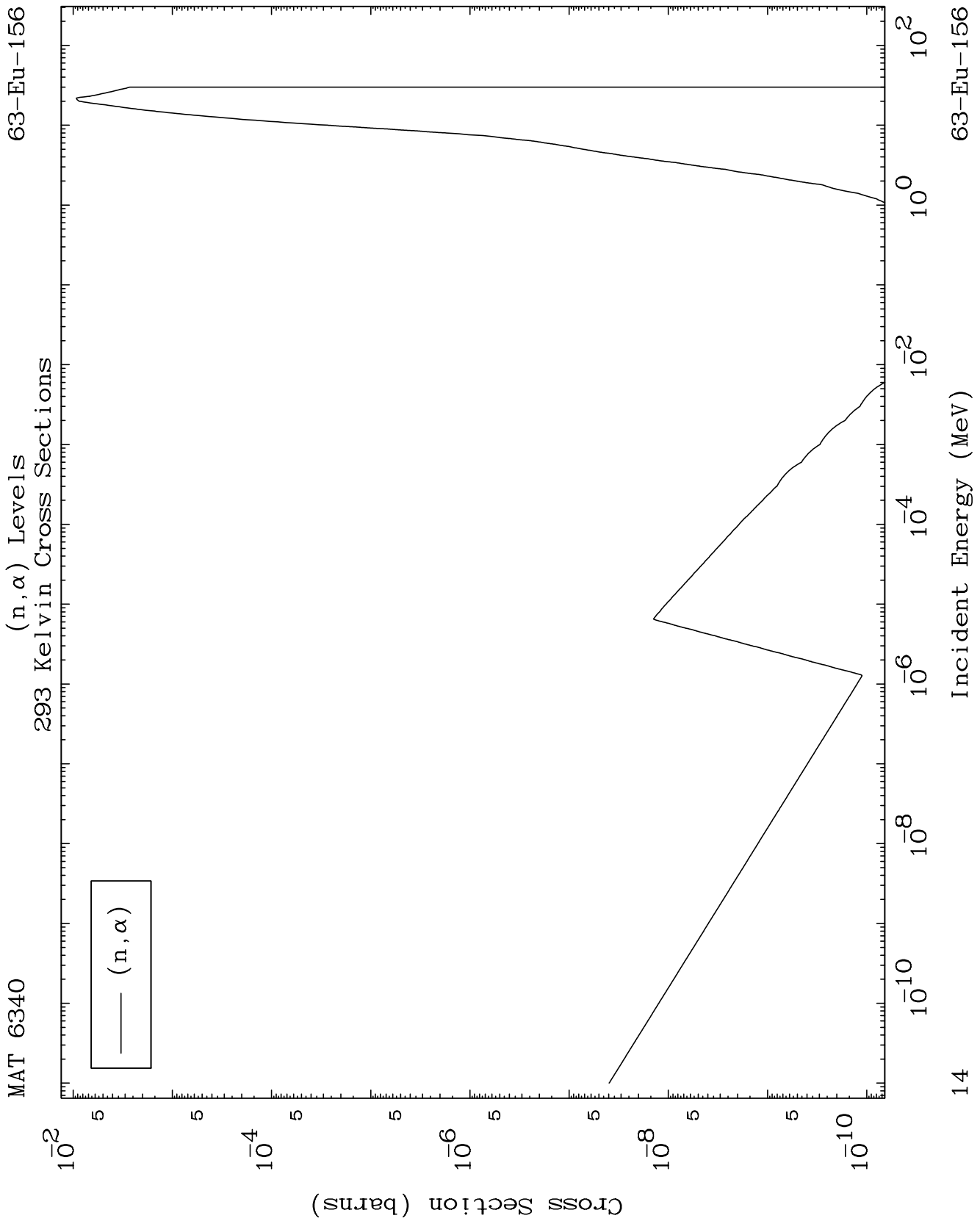
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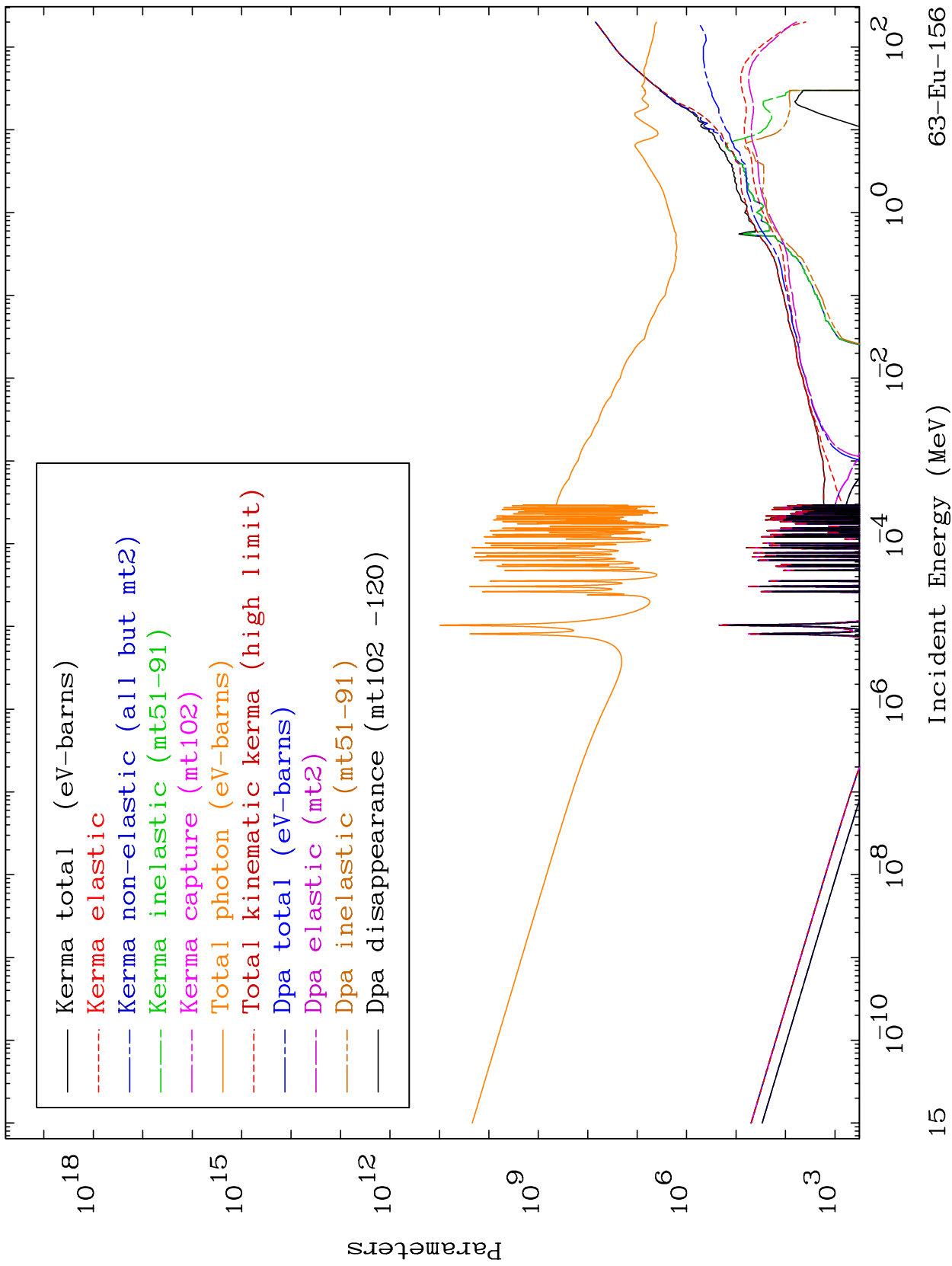


13

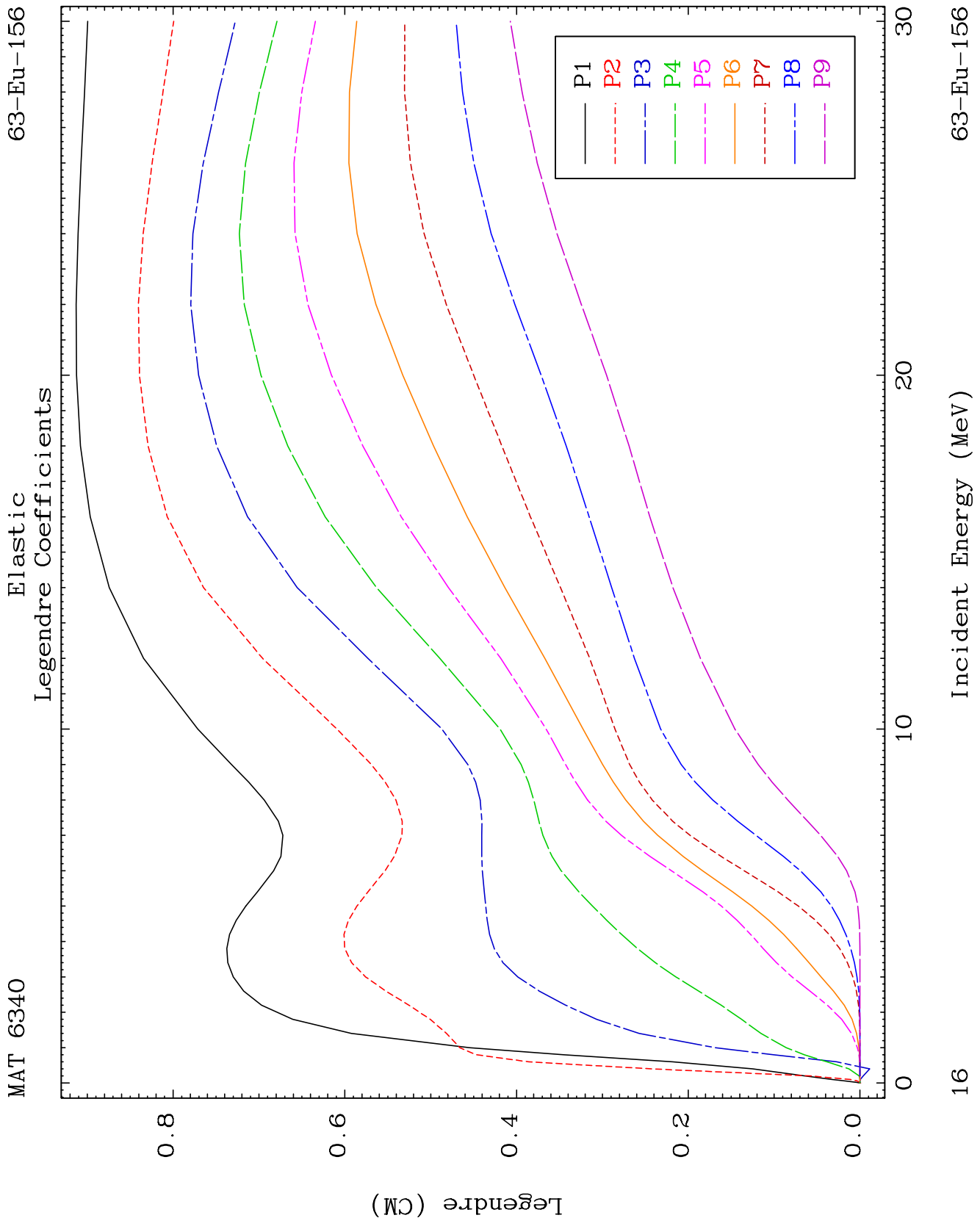
Incident Energy (MeV)

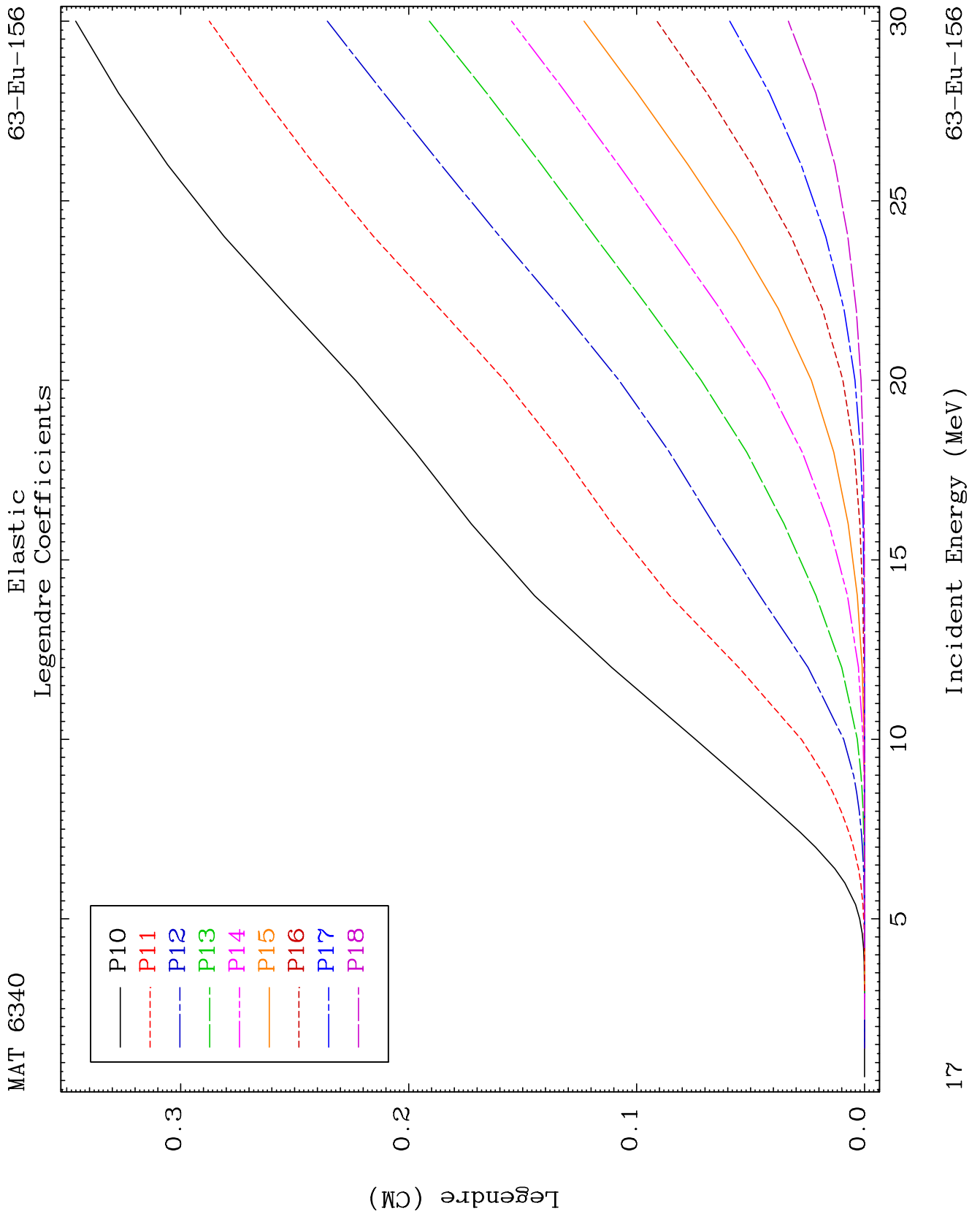
63-Eu-156







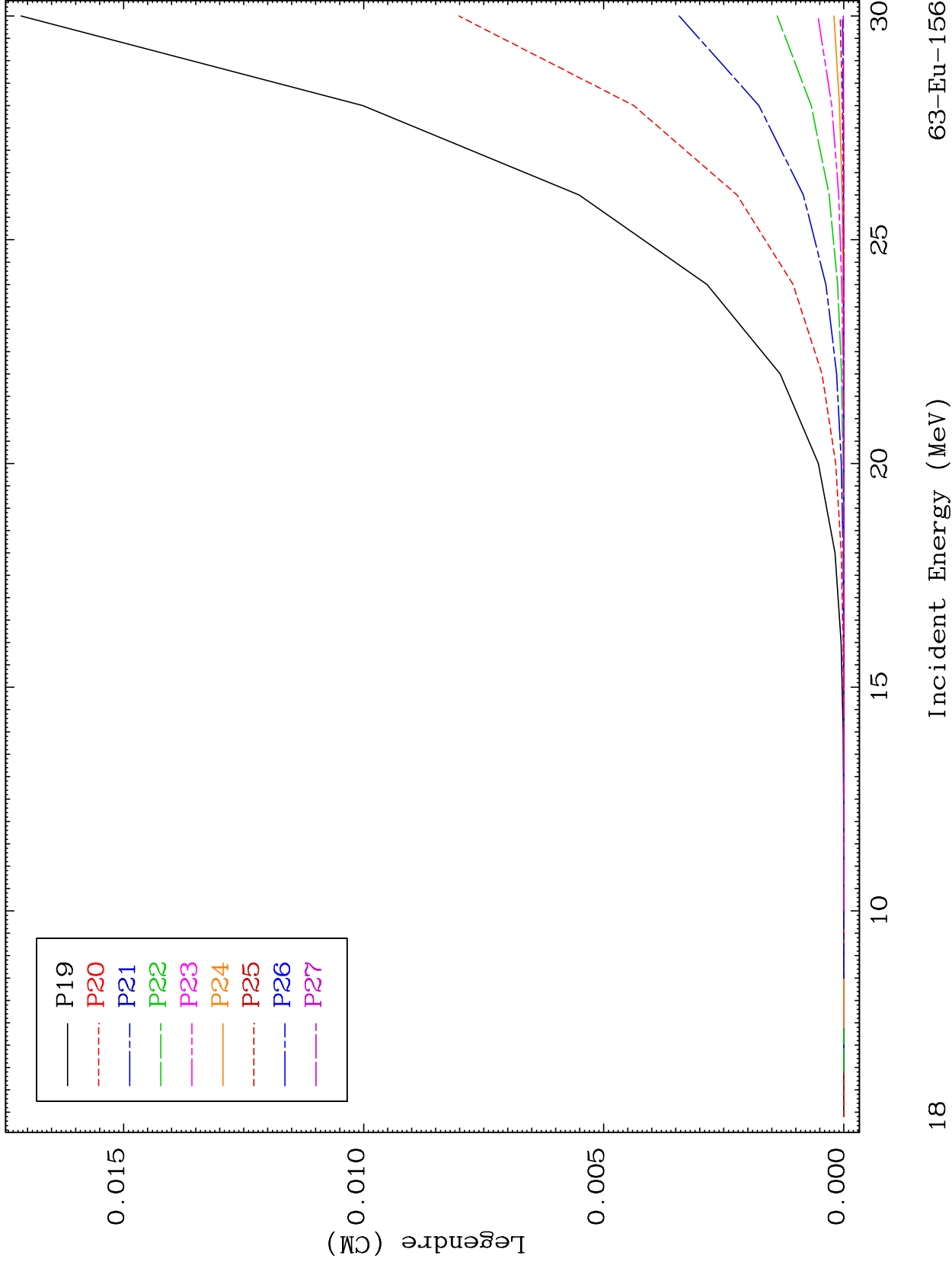




MAT 6340

### Elastic Legendre Coefficients

<sup>63</sup>-Eu-156



18

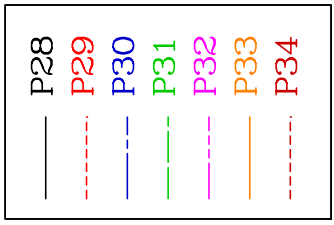
Incident Energy (MeV)

<sup>63</sup>-Eu-156

MAT 6340

Elastic Legendre Coefficients

63-Eu-156



$\times 10^{-6}$

Legendre (CM)

10

15

20

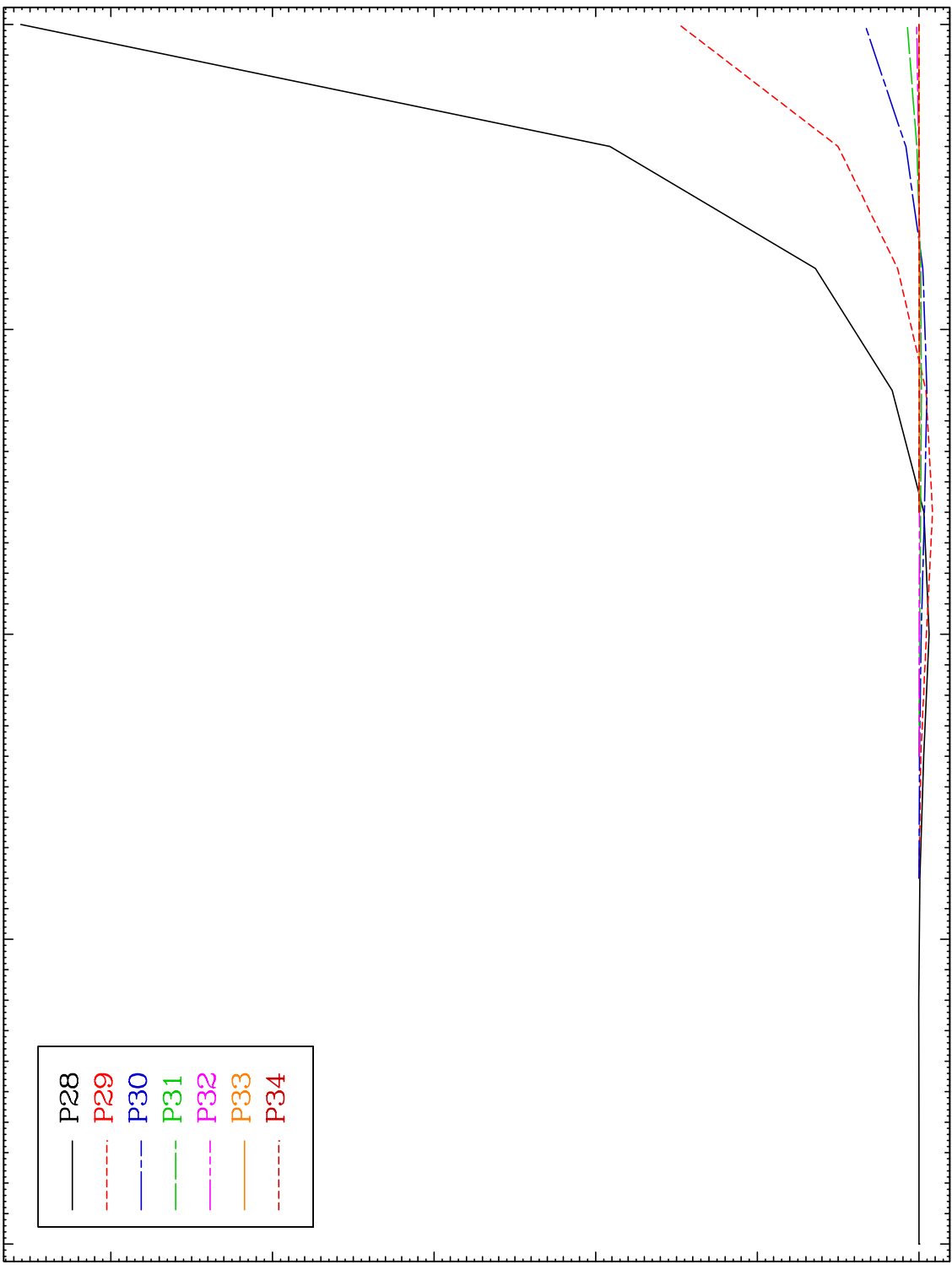
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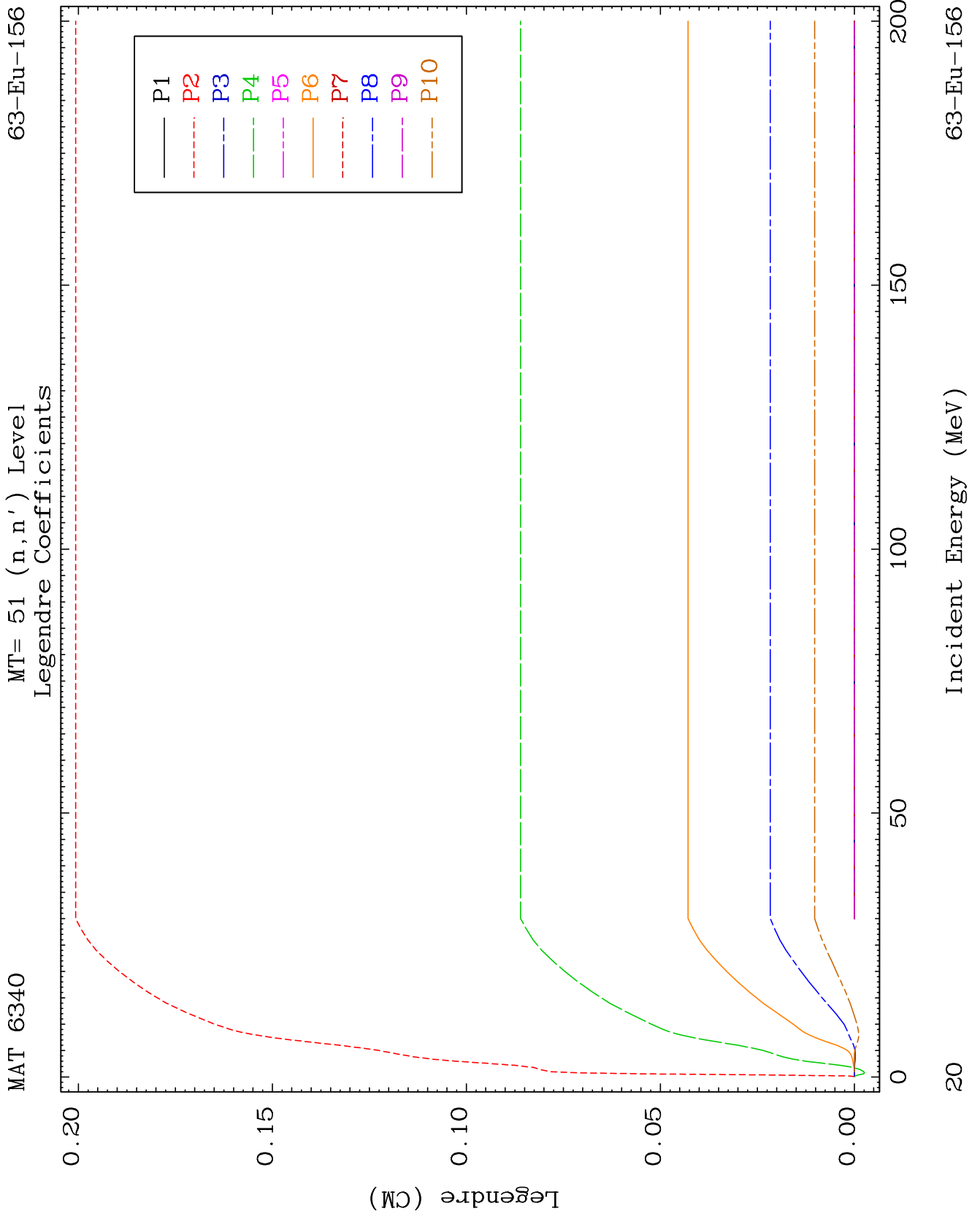
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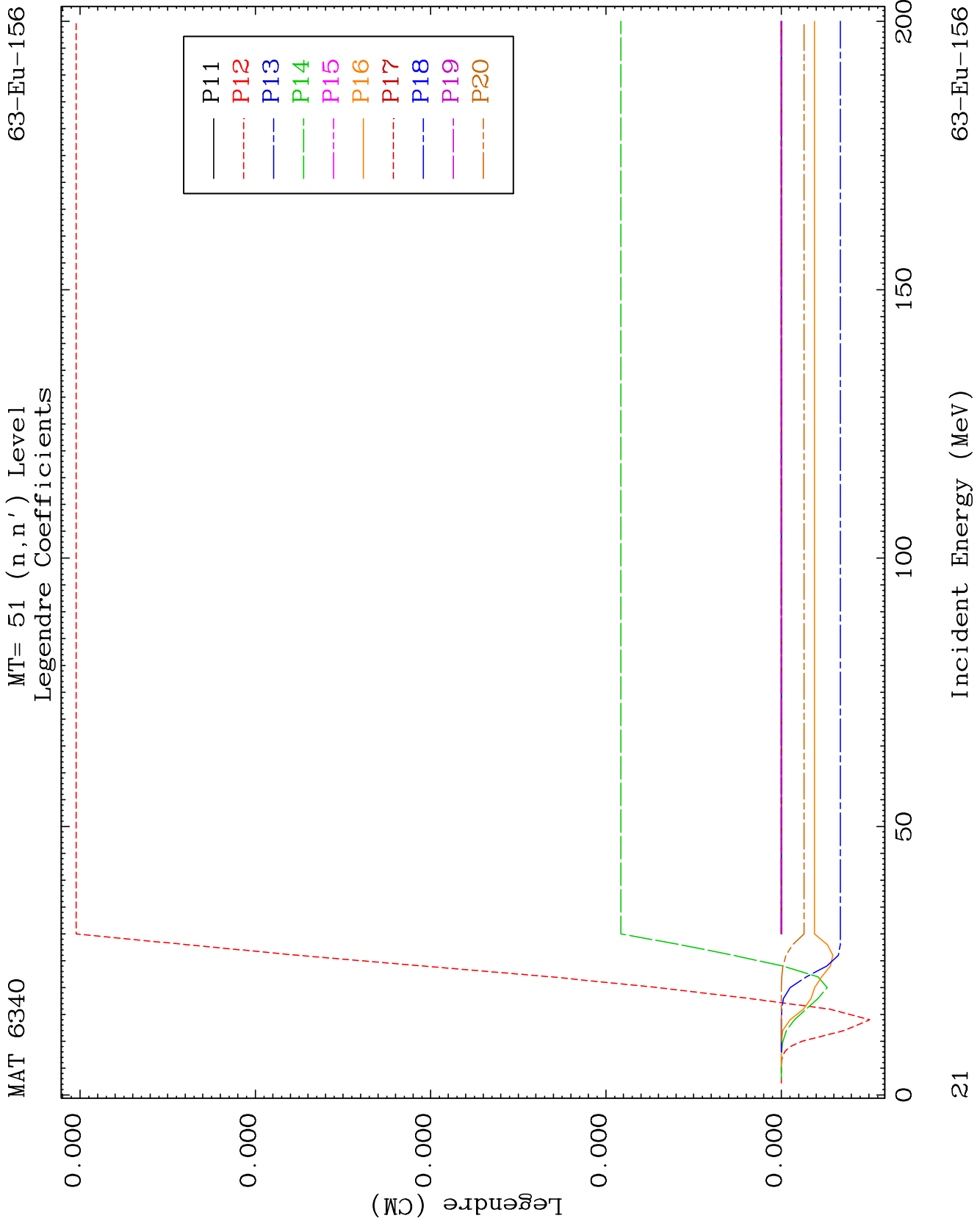
19

Incident Energy (MeV)

63-Eu-156



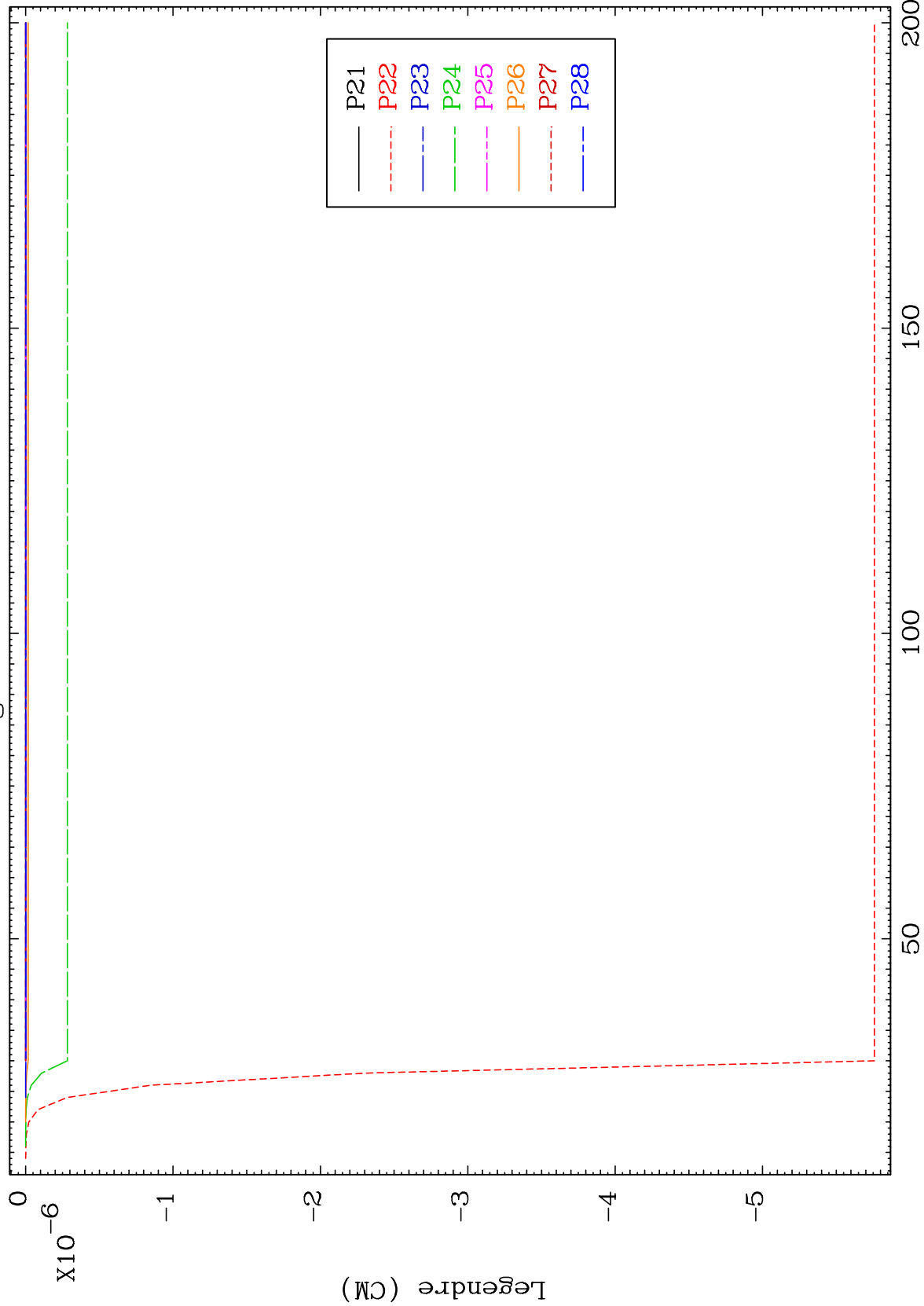




MAT 6340

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

63-Eu-156



63-Eu-156

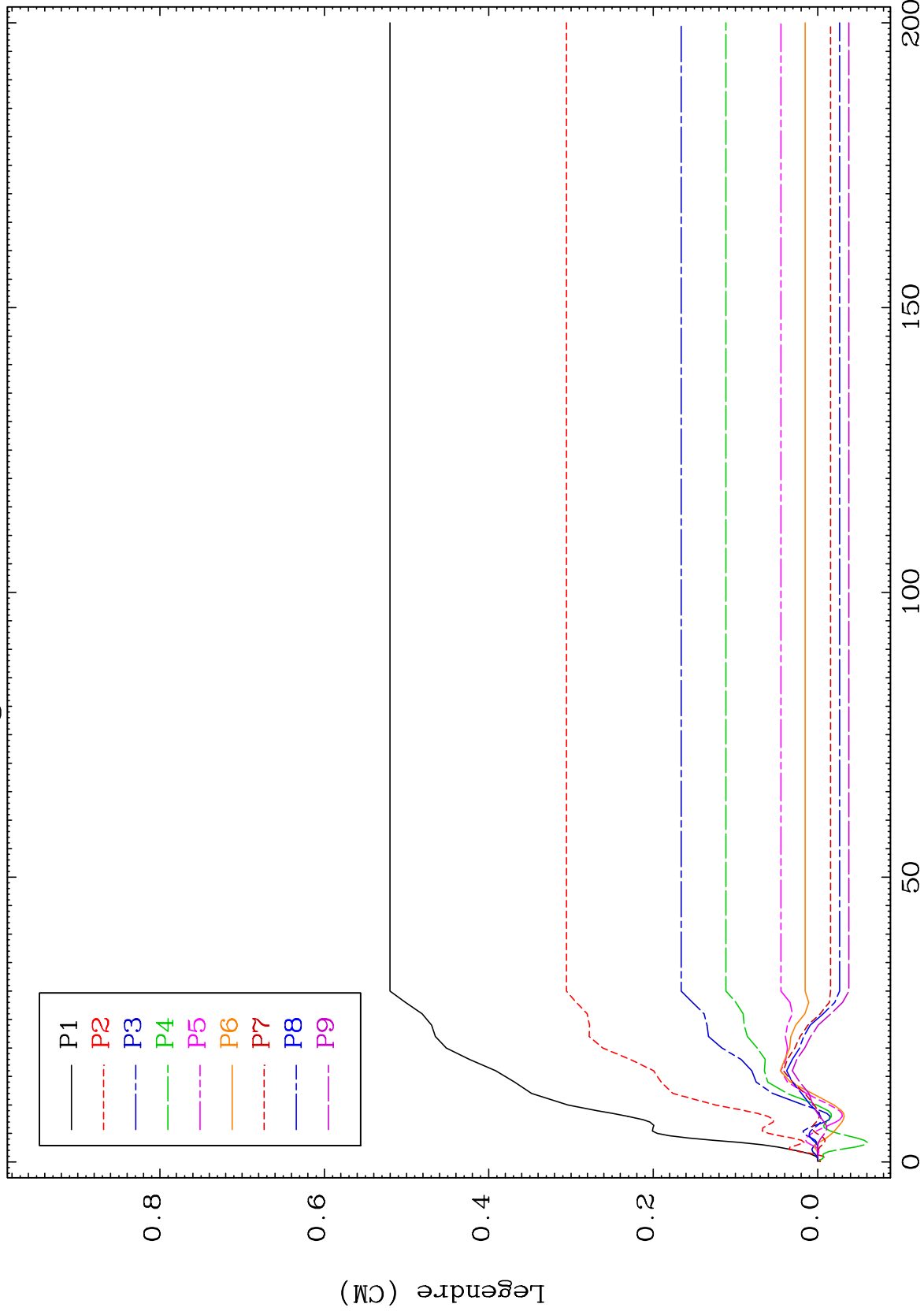
Incident Energy (MeV)

22

MAT 6340

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

63-Eu-156



23

Incident Energy (MeV)

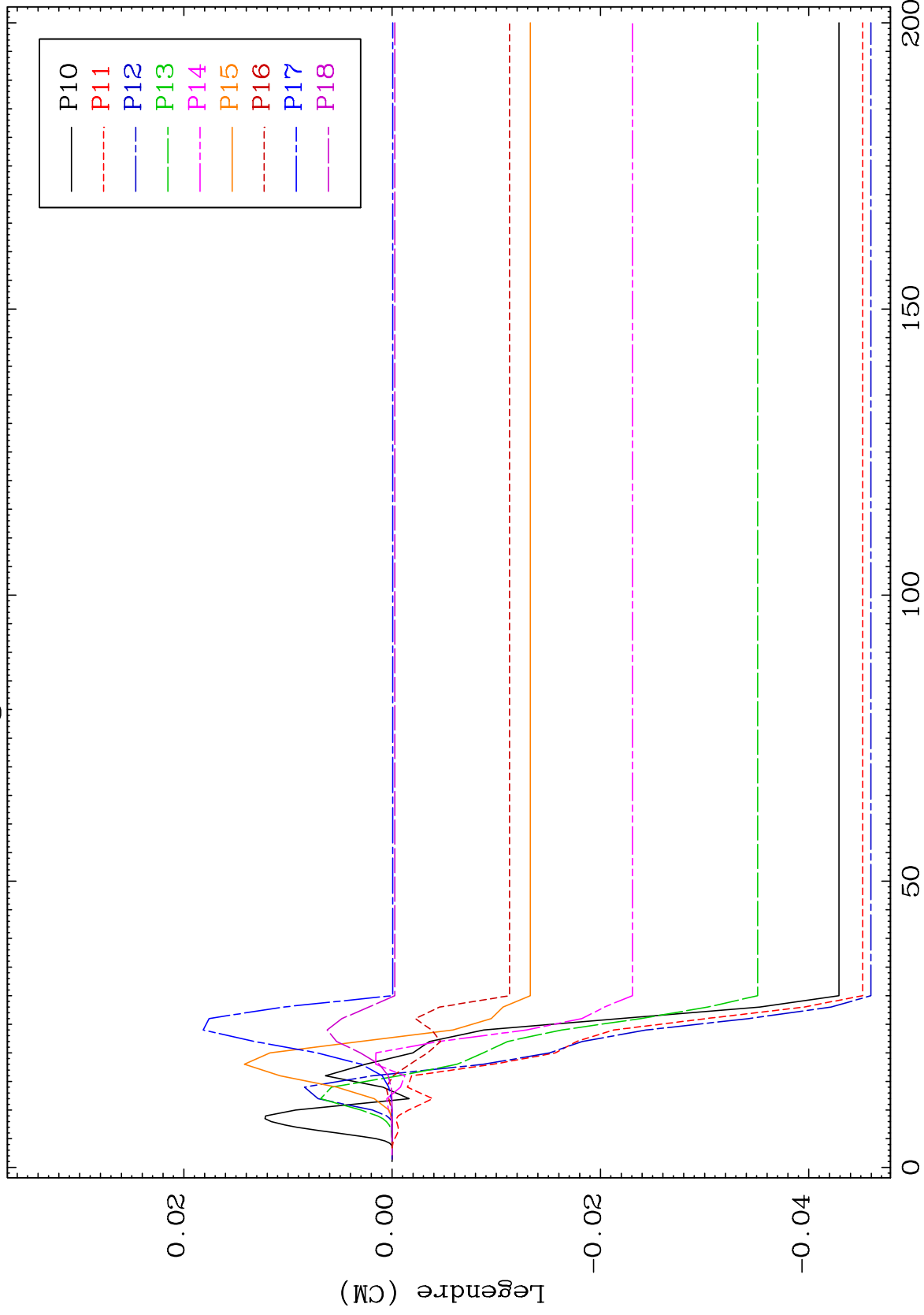
63-Eu-156



MAT 6340

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

63-Eu-156



24

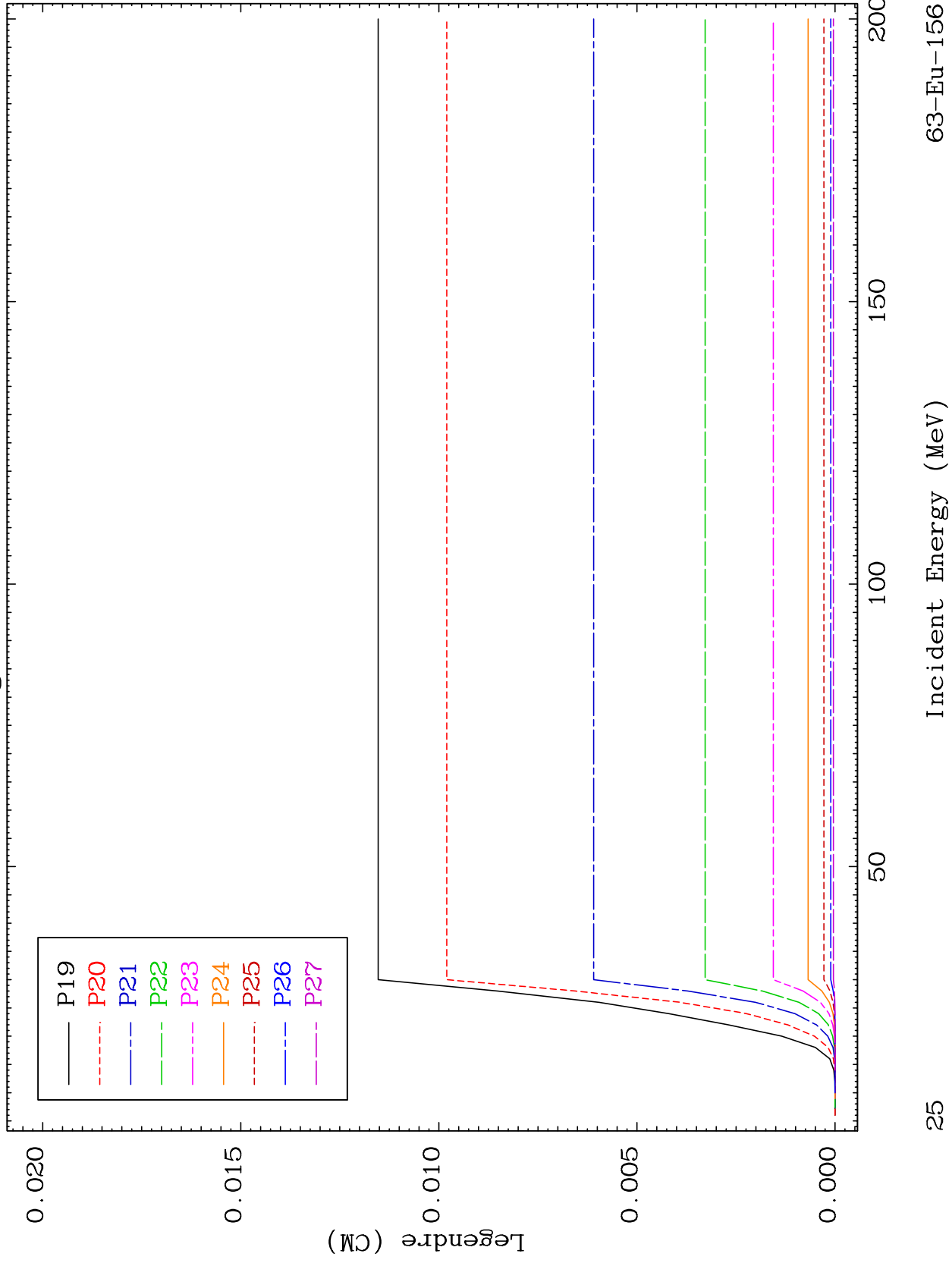
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



25

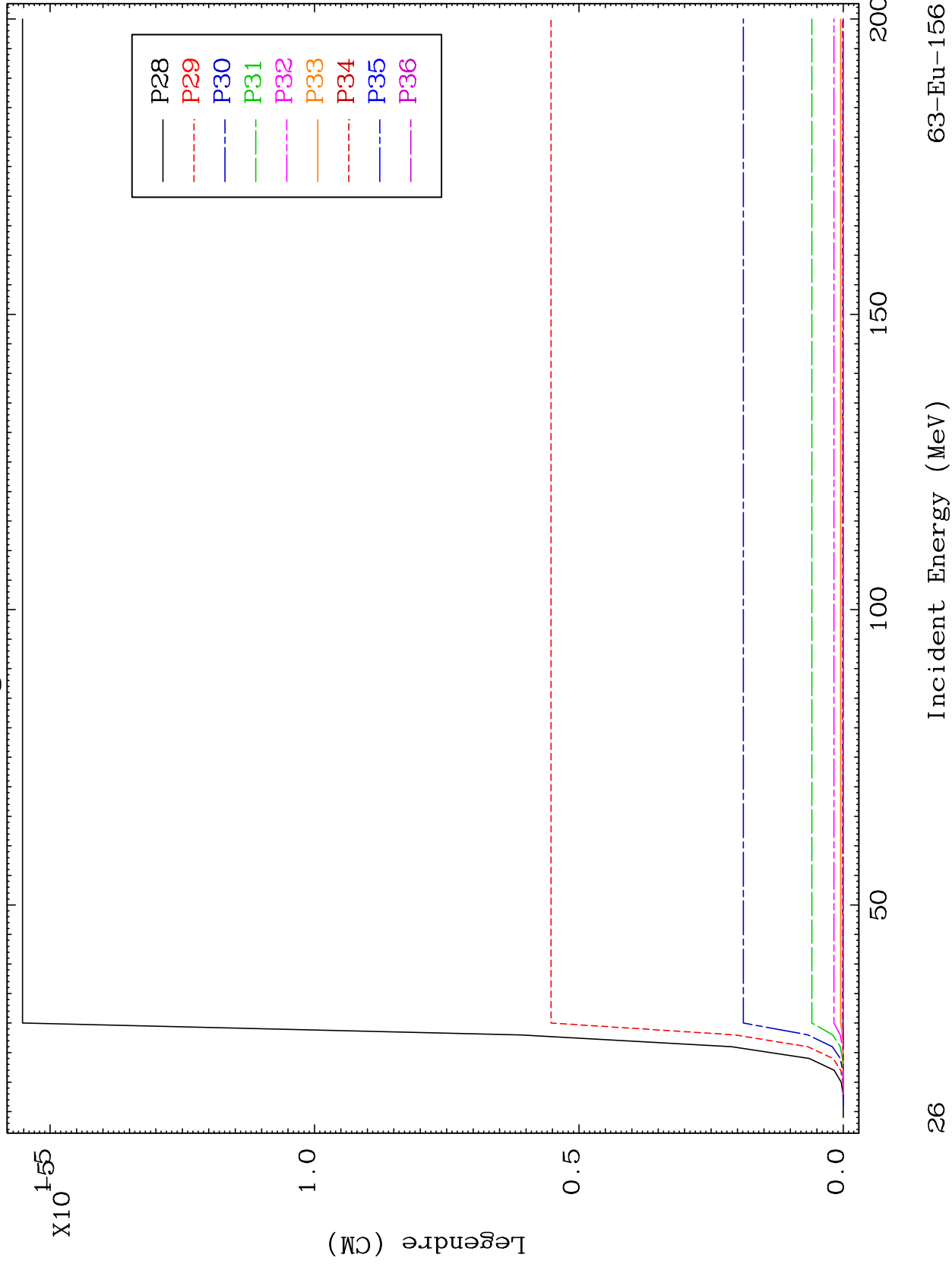
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156

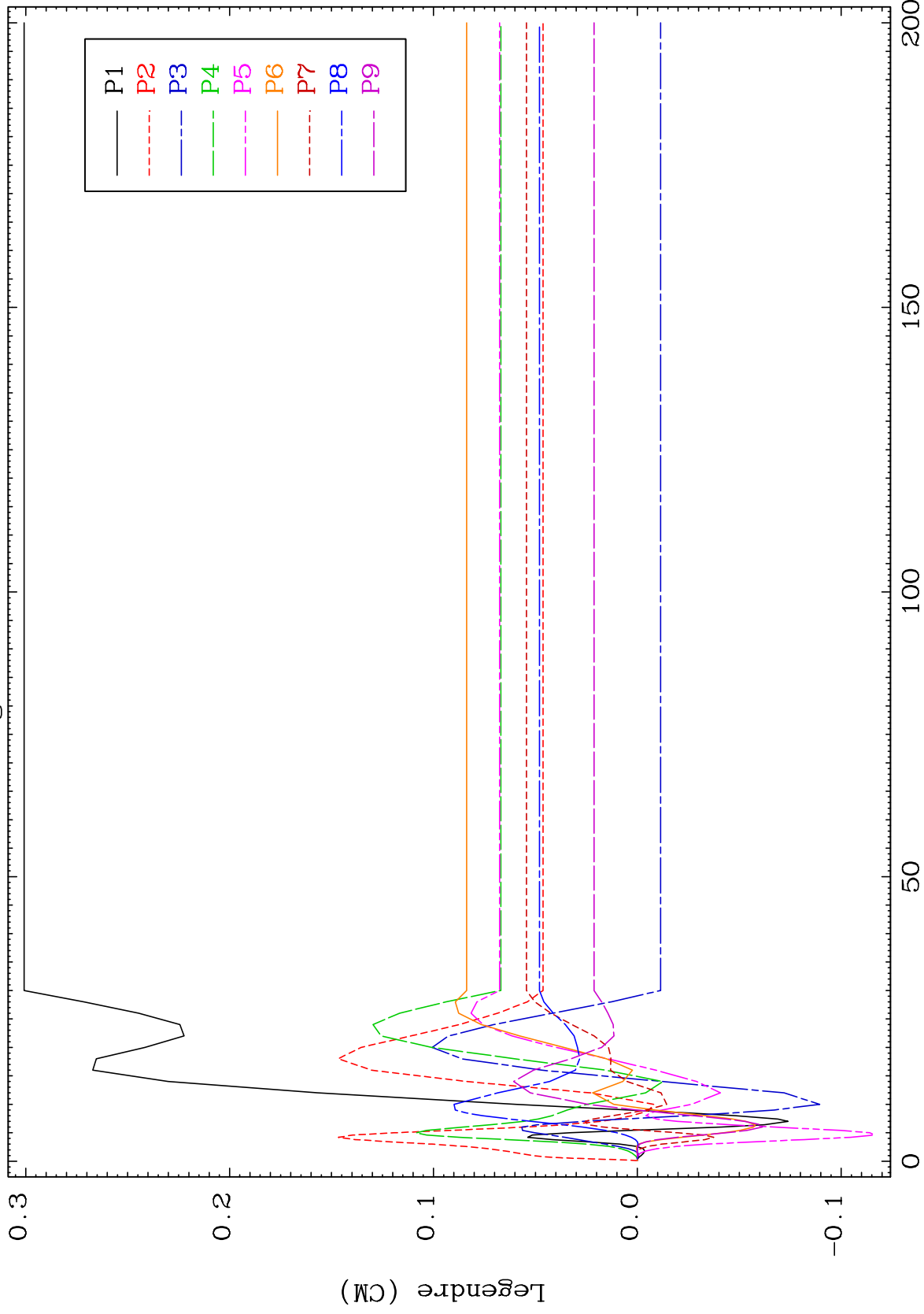


MAT 6340

MT= 53 (n,n') Level

63-Eu-156

Legendre Coefficients



27

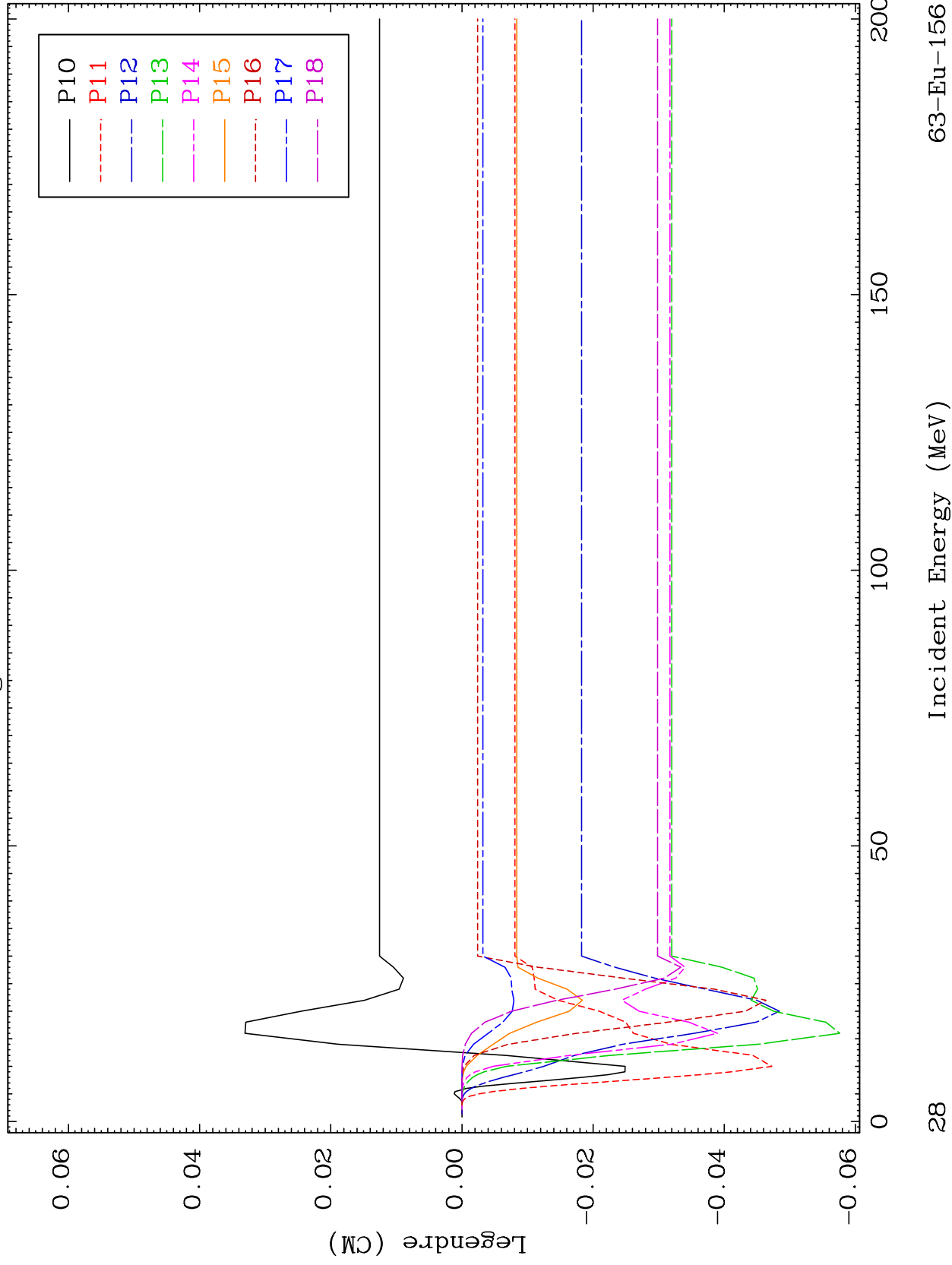
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

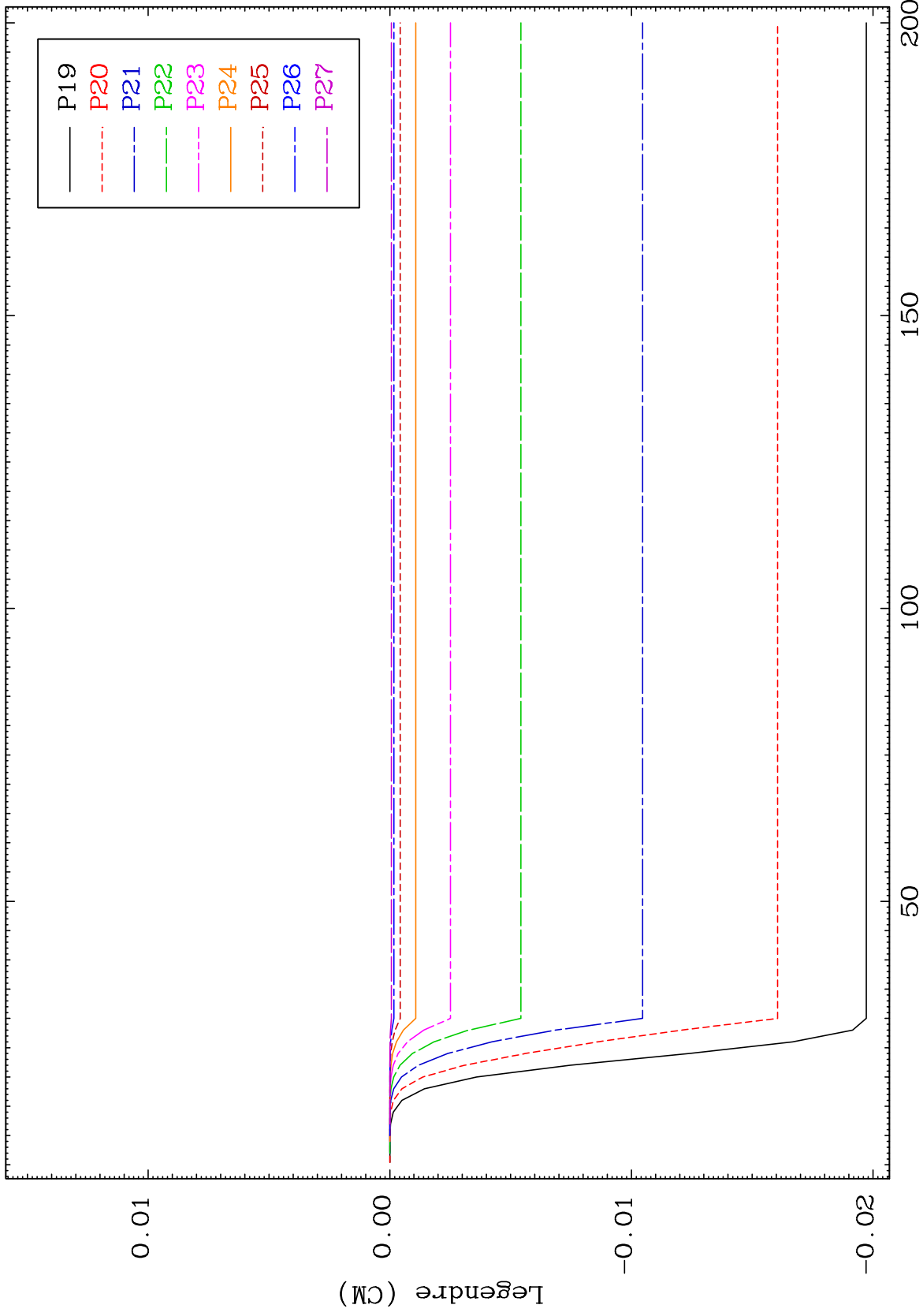
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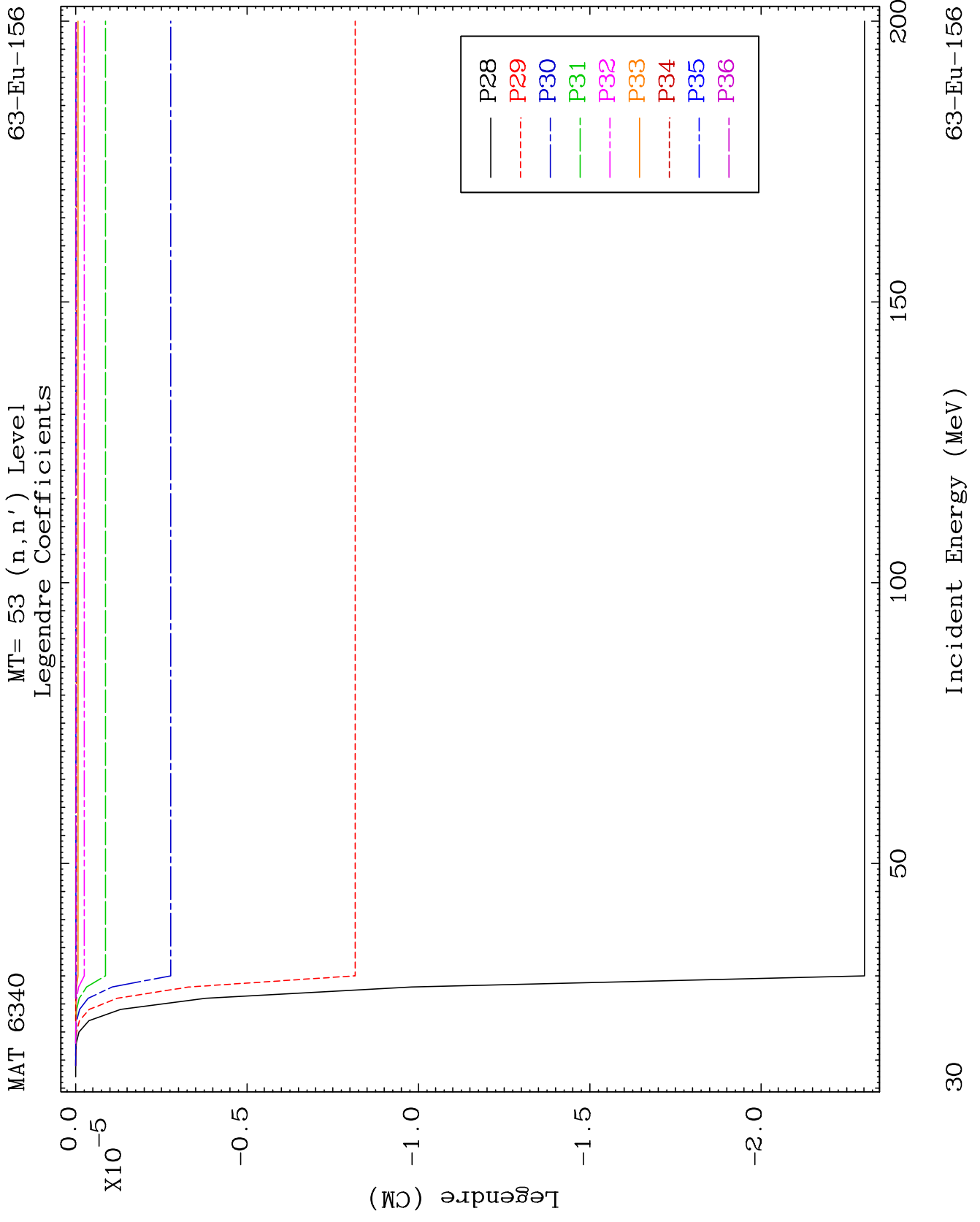


63-Eu-156

Incident Energy (MeV)

28

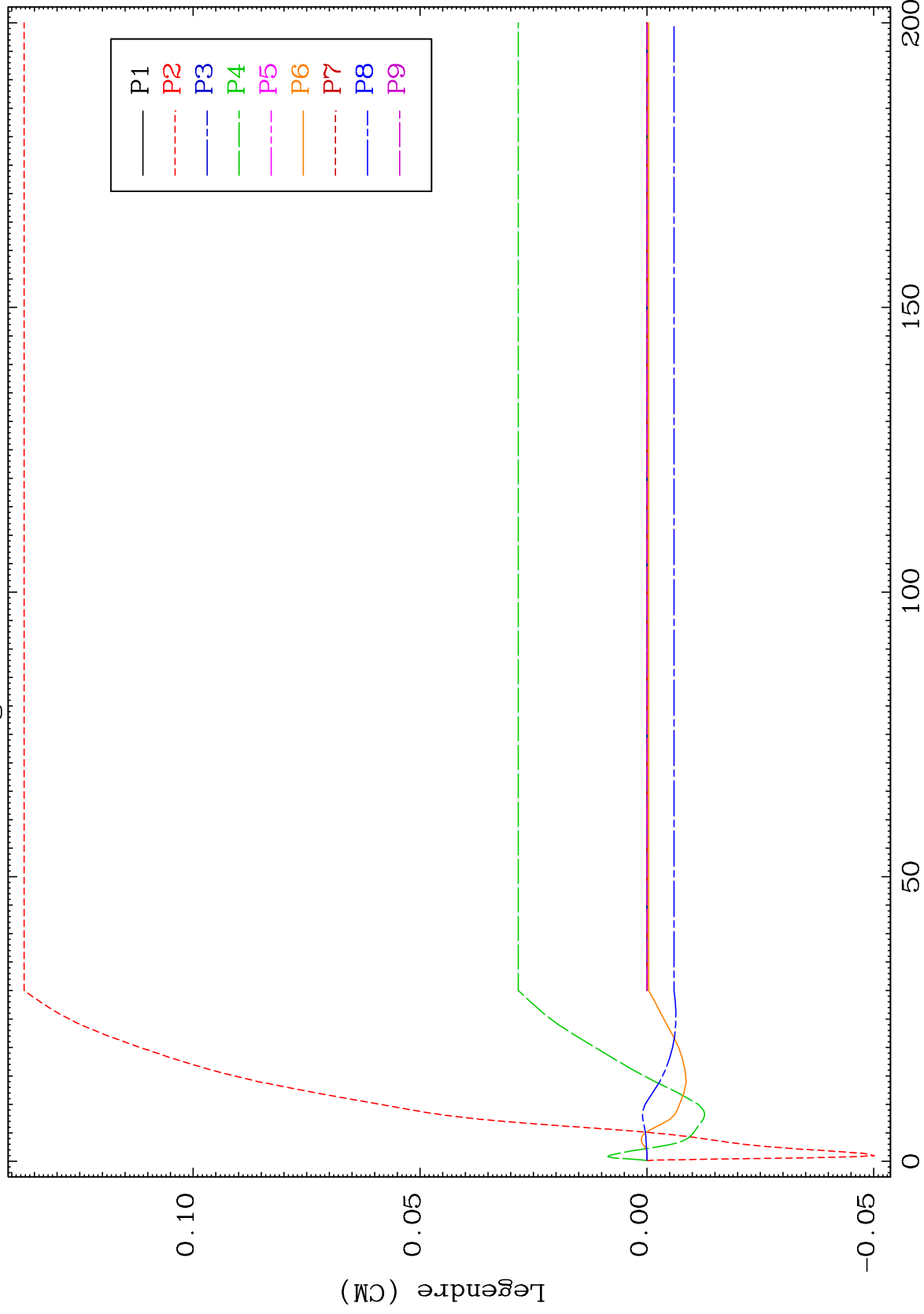




MAT 6340

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

63-Eu-156



31

Incident Energy (MeV)

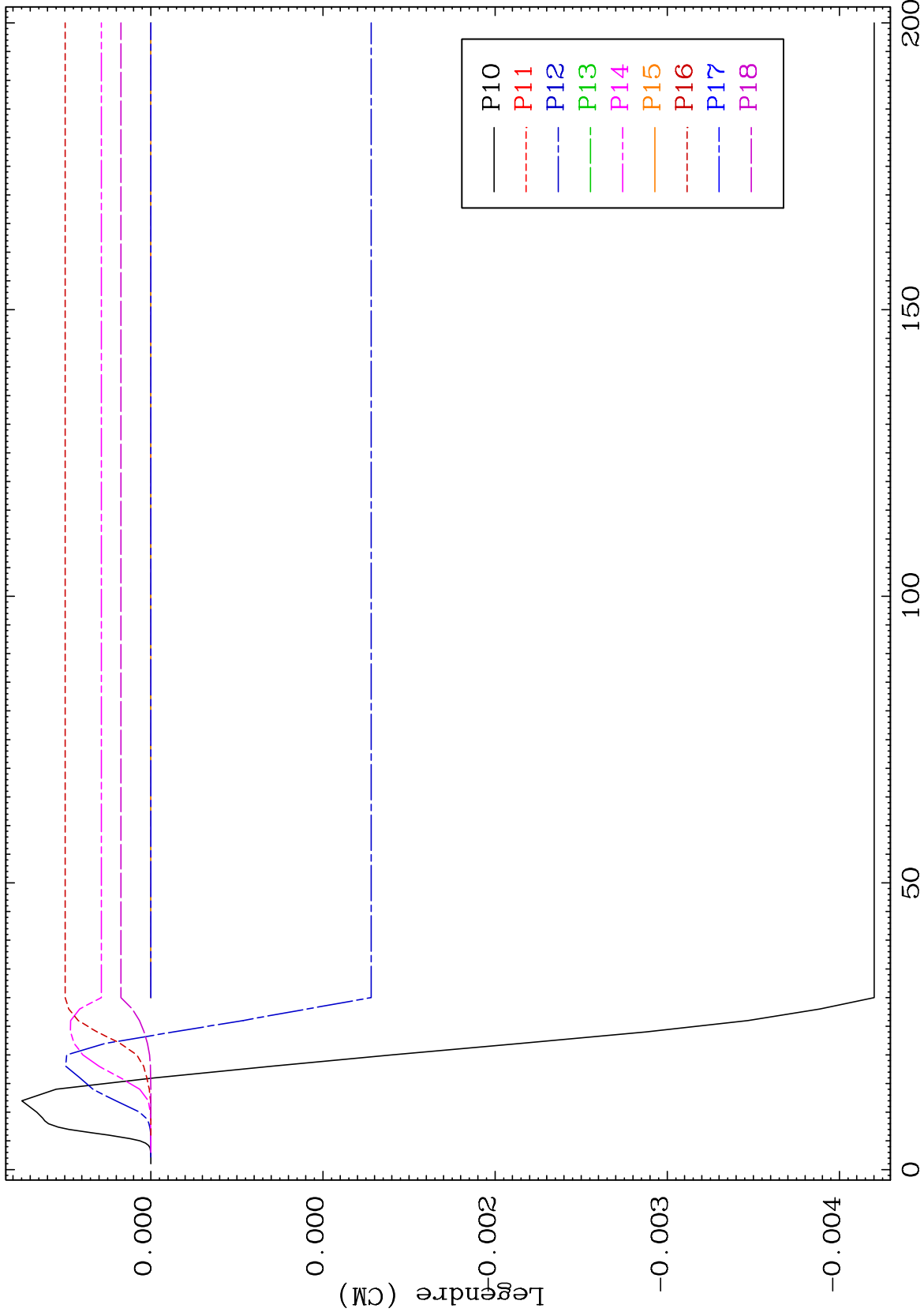
63-Eu-156



MAT 6340

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

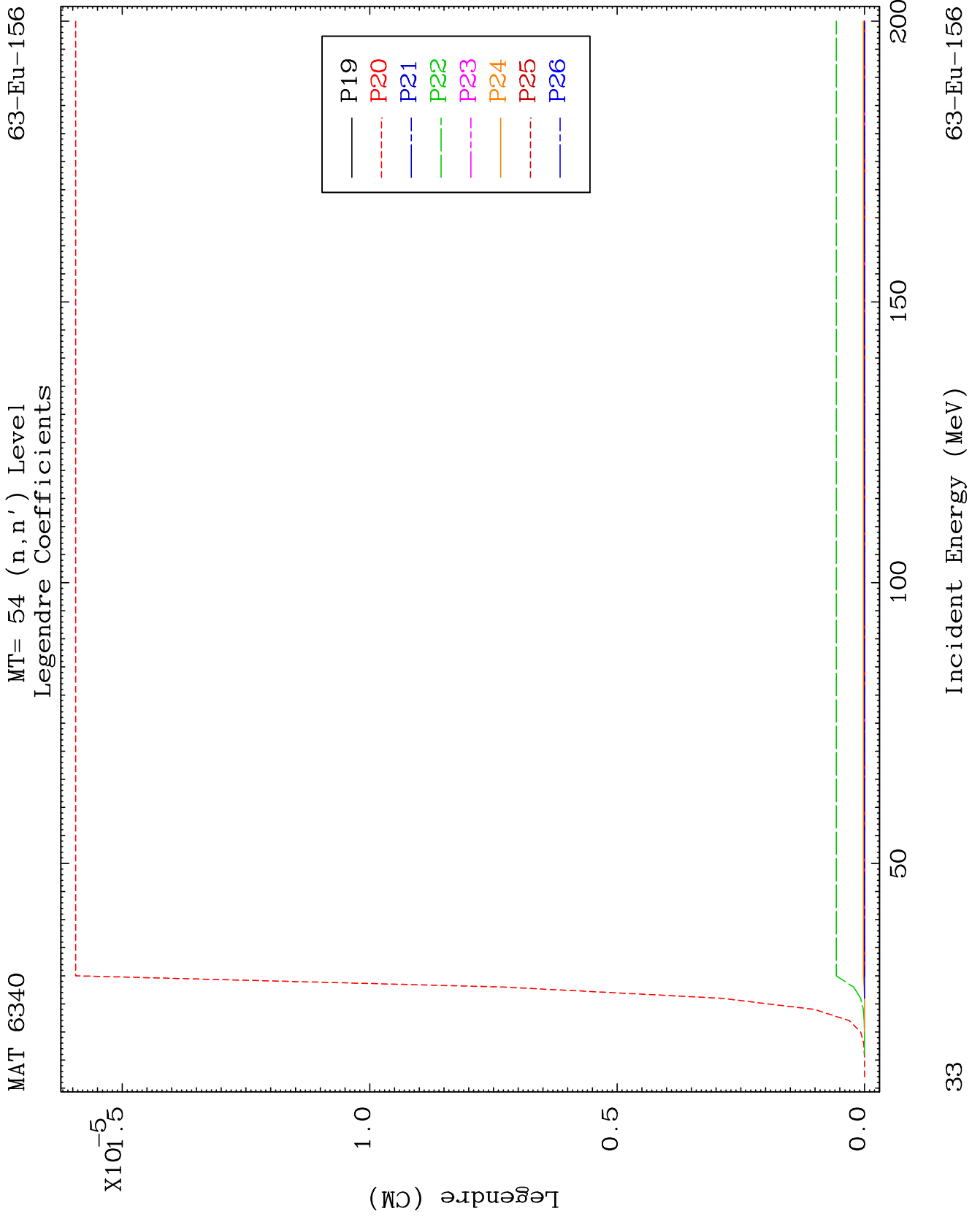
63-Eu-156



32

Incident Energy (MeV)

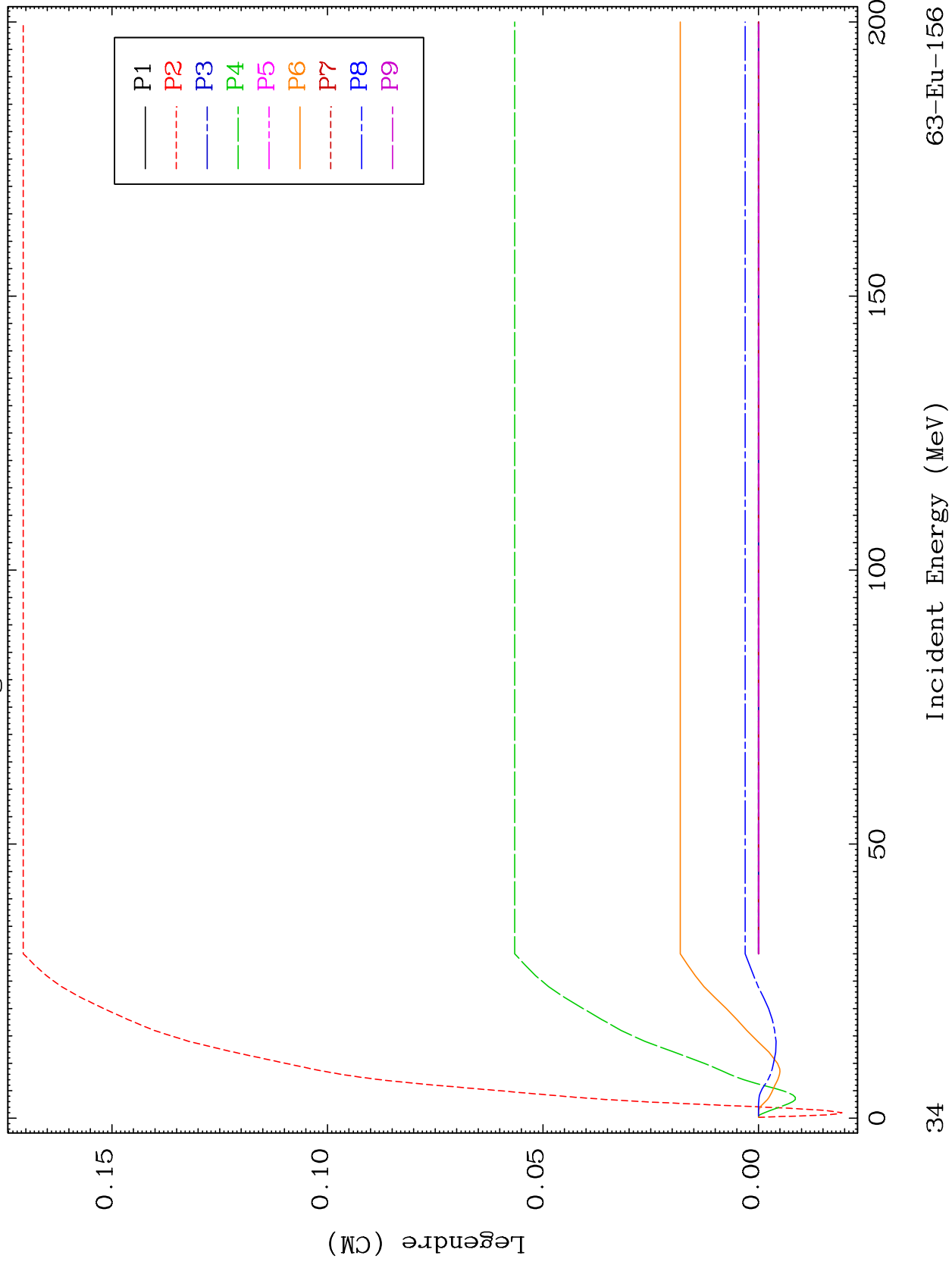
63-Eu-156



MAT 6340

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

63-Eu-156



63-Eu-156

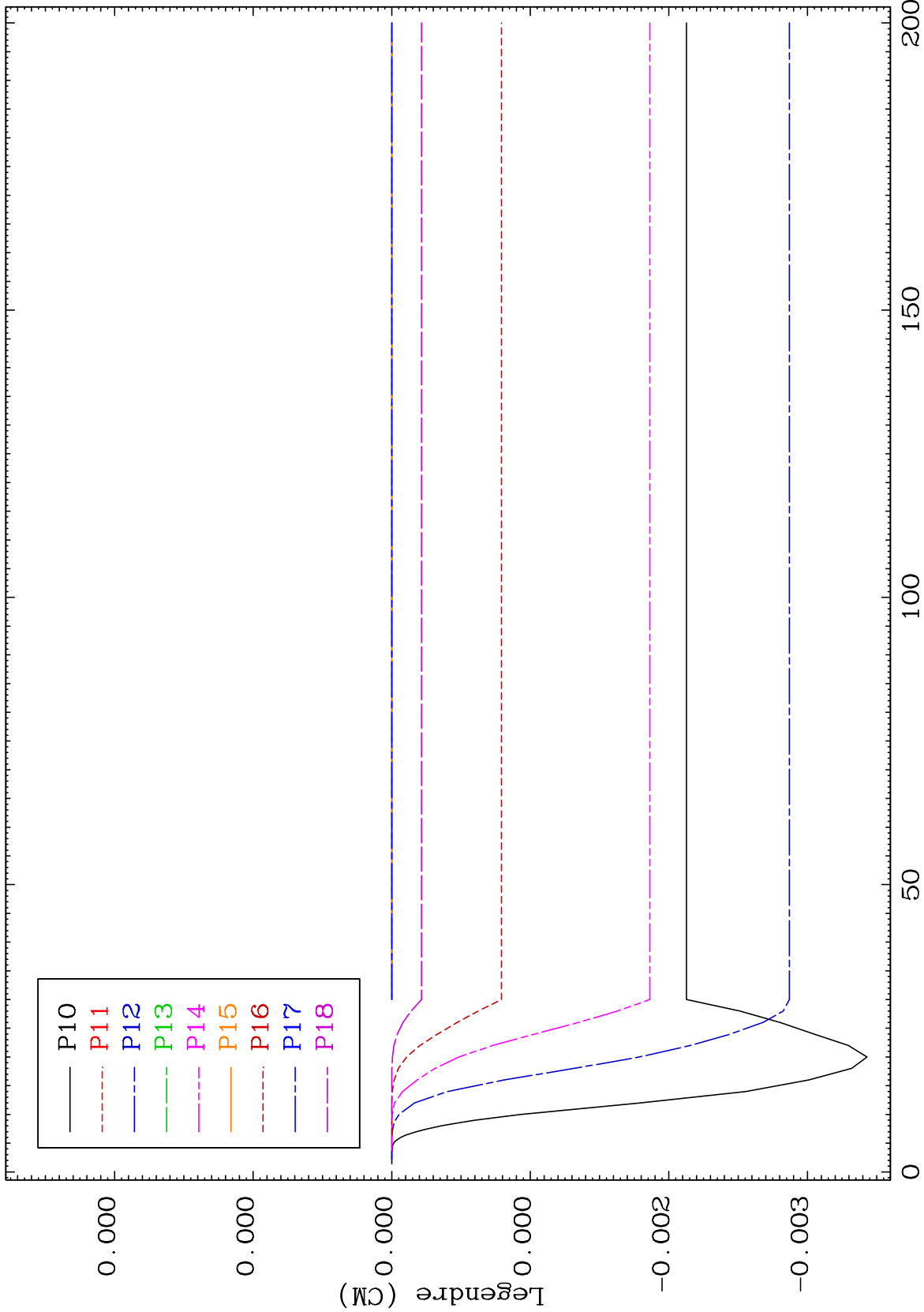
Incident Energy (MeV)

34

MAT 6340

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

63-Eu-156



35

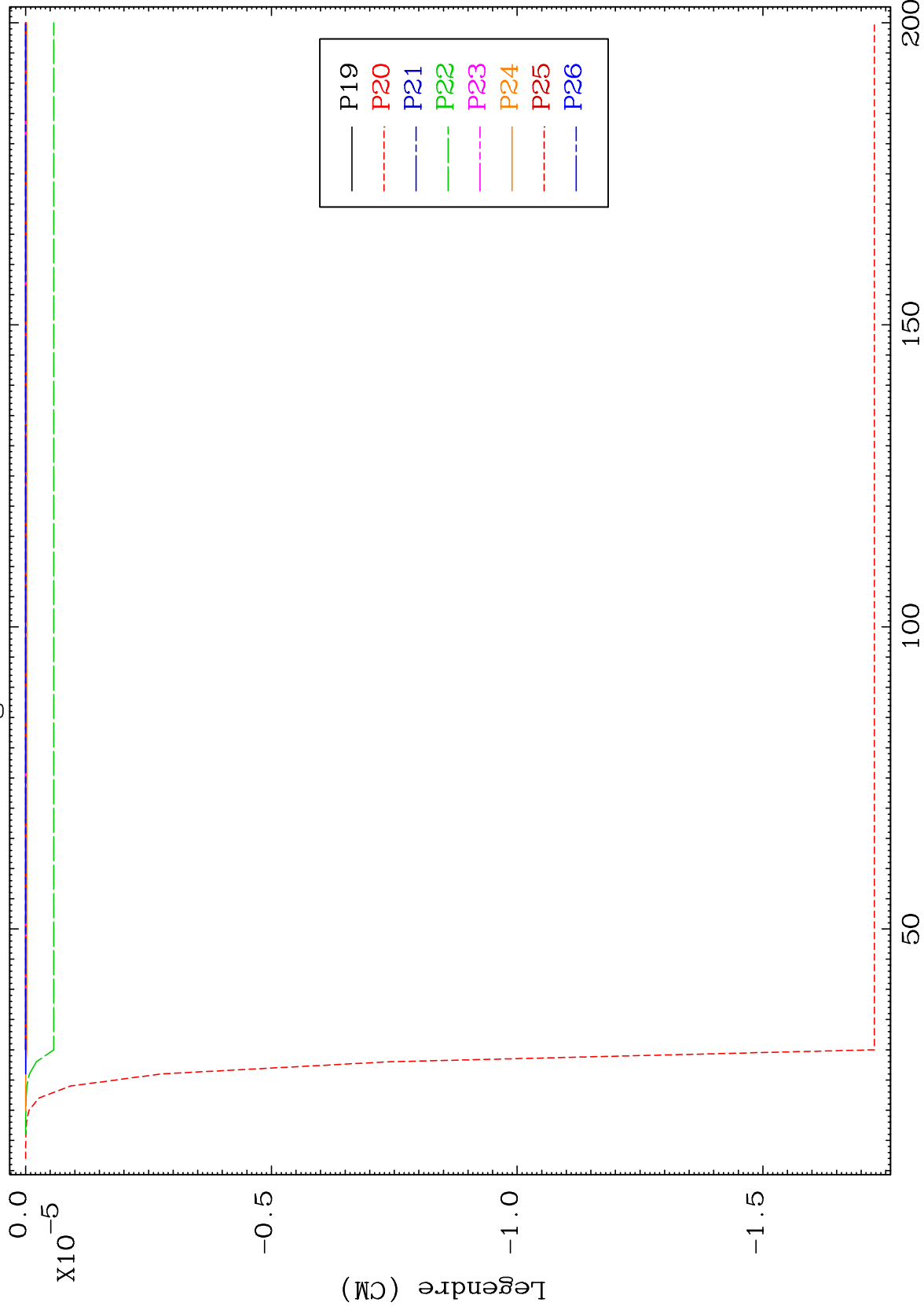
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



63-Eu-156

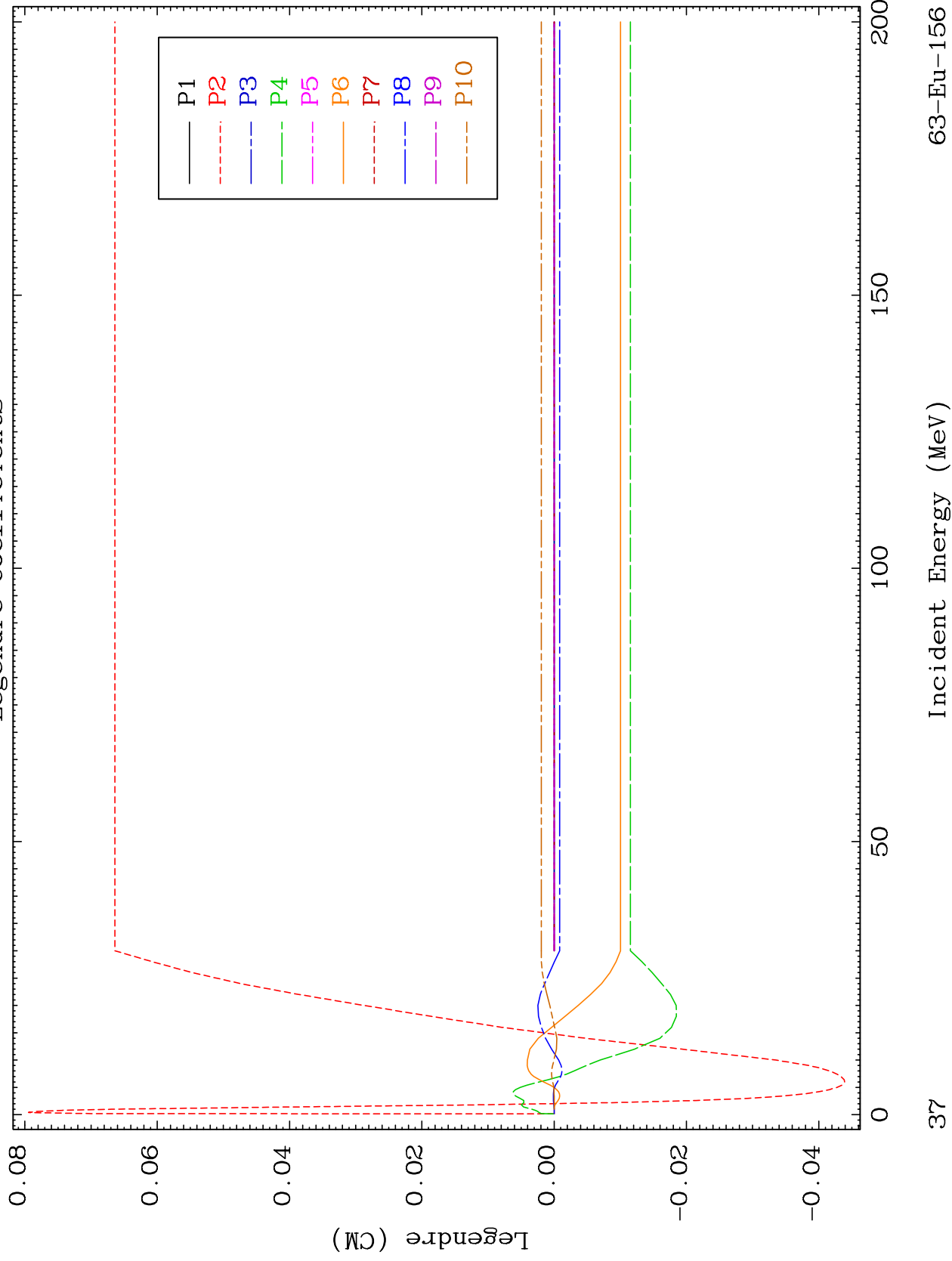
Incident Energy (MeV)

36

MAT 6340

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

63-Eu-156



63-Eu-156

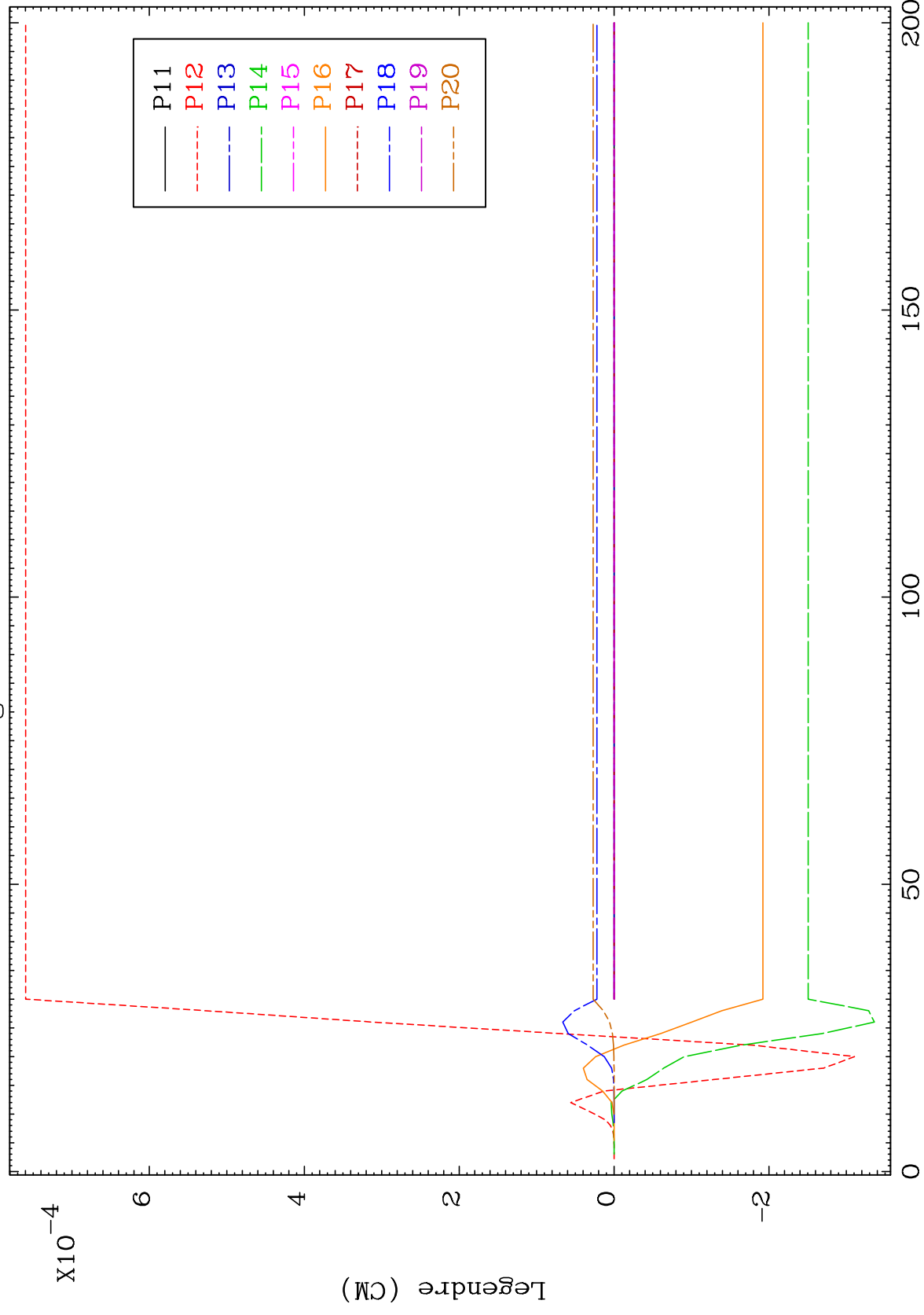
Incident Energy (MeV)

37

MAT 6340

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

63-Eu-156



38

Incident Energy (MeV)

63-Eu-156

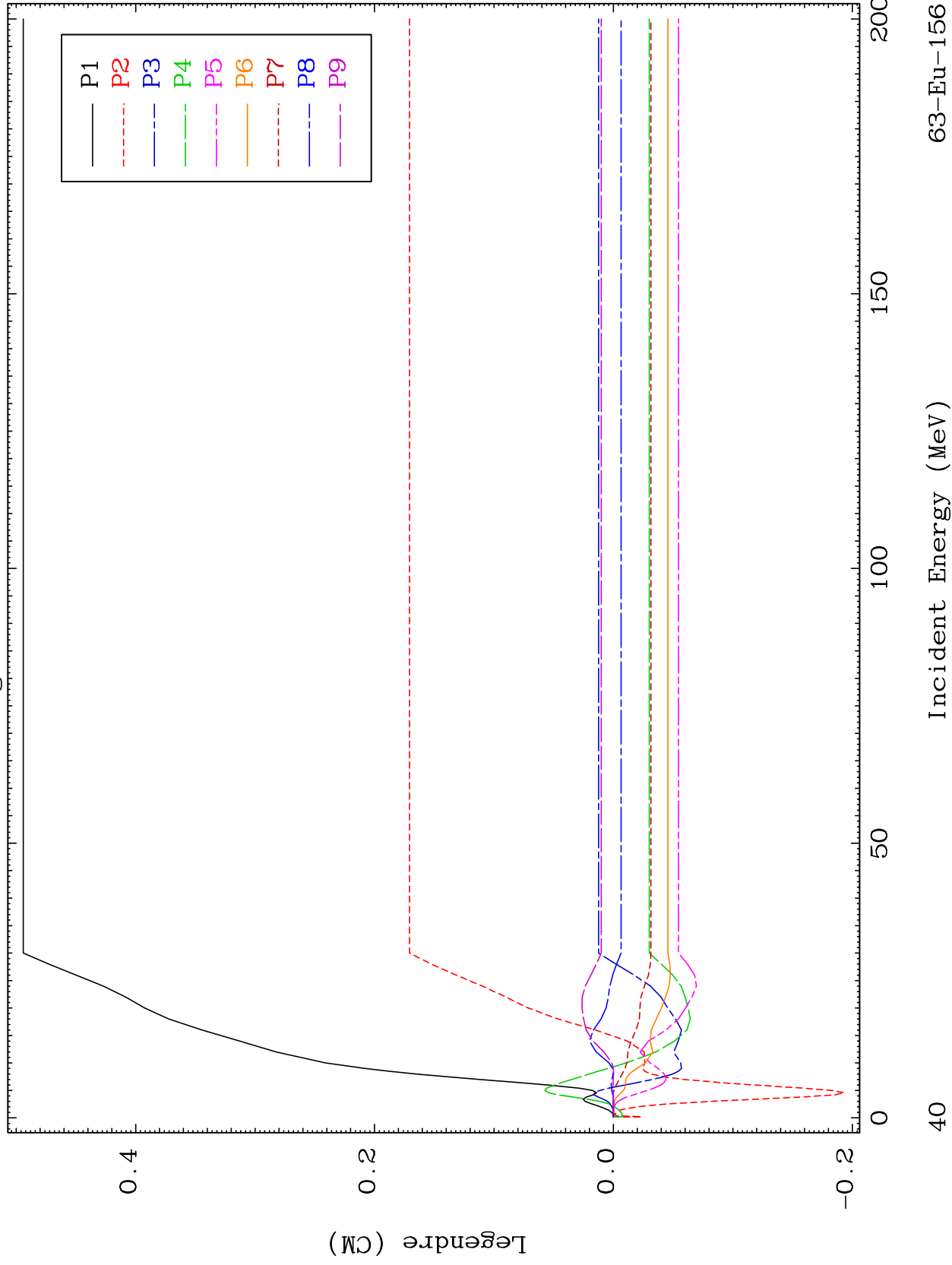




MAT 6340

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

63-Eu-156



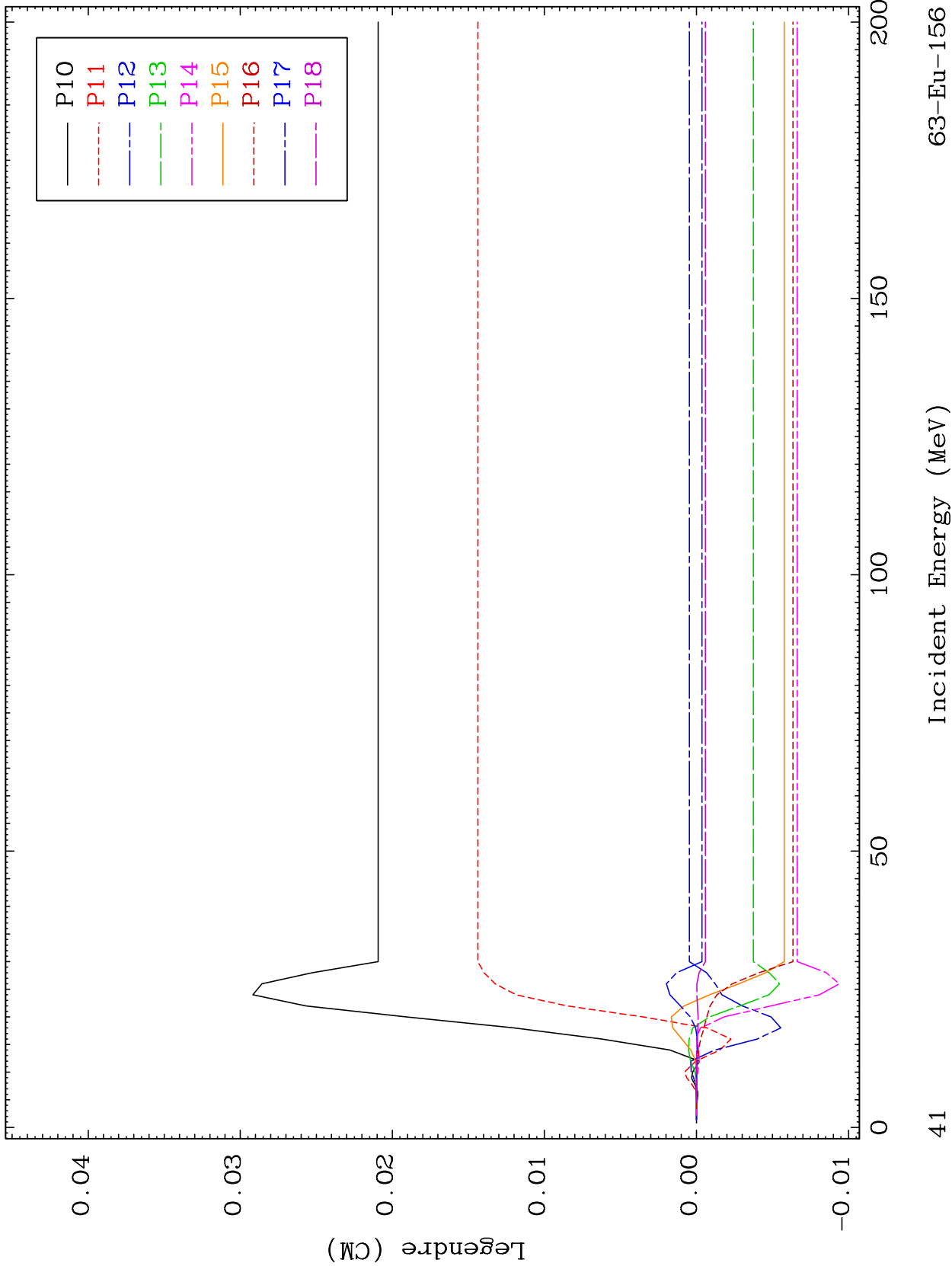
63-Eu-156

Incident Energy (MeV)

MAT 6340

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

63-Eu-156



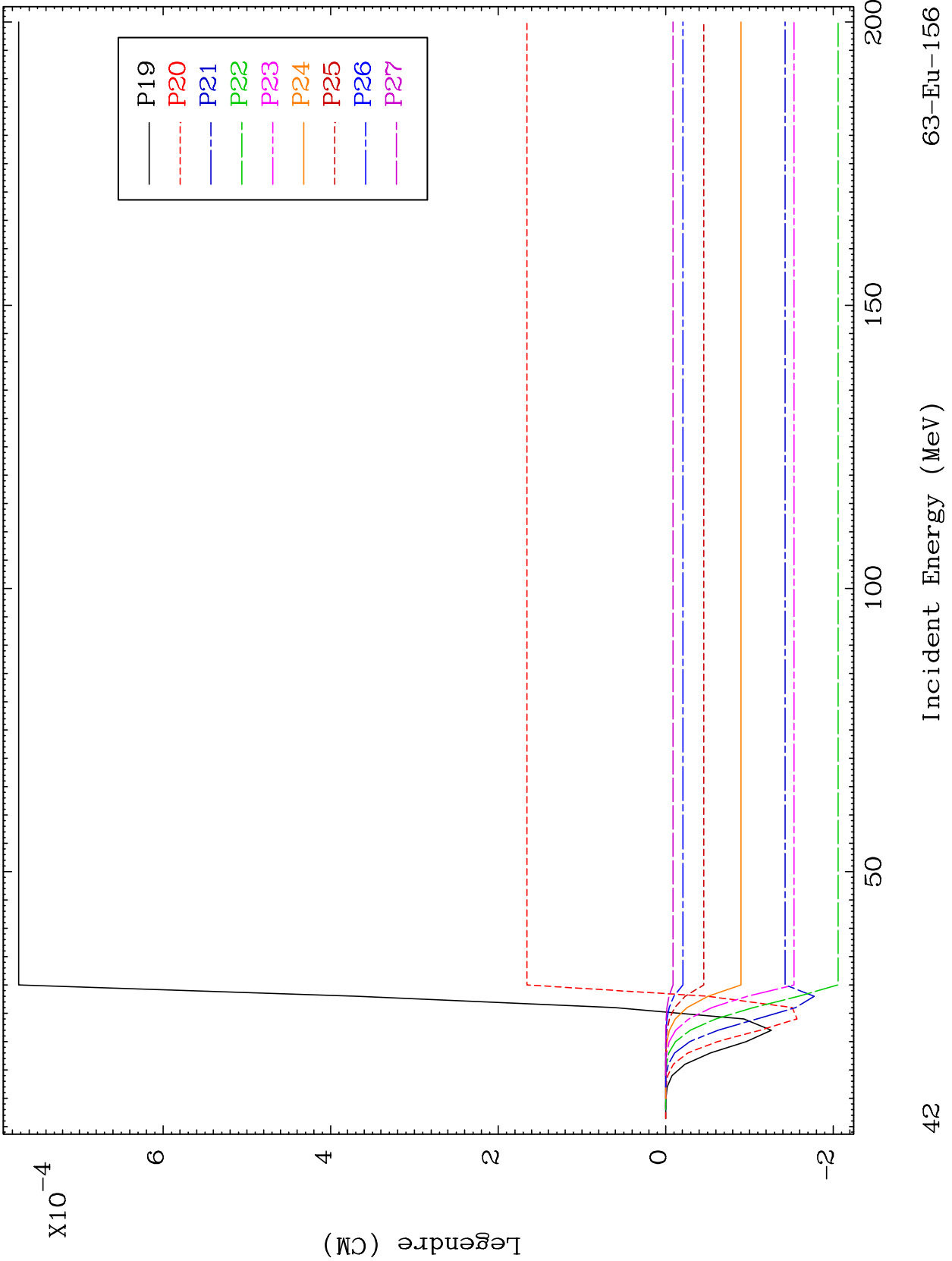
41

63-Eu-156

MAT 6340

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

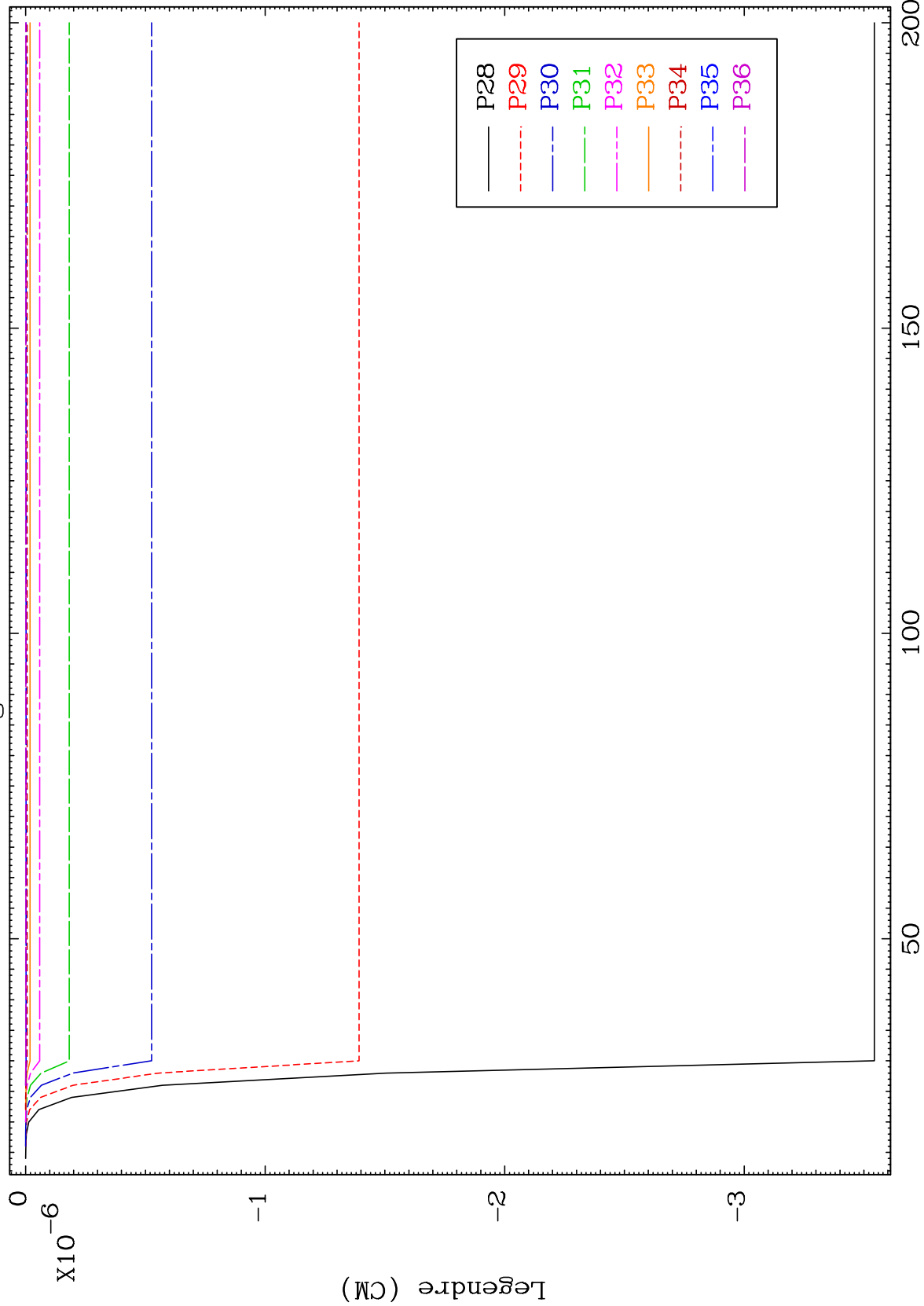
63-Eu-156



42

63-Eu-156

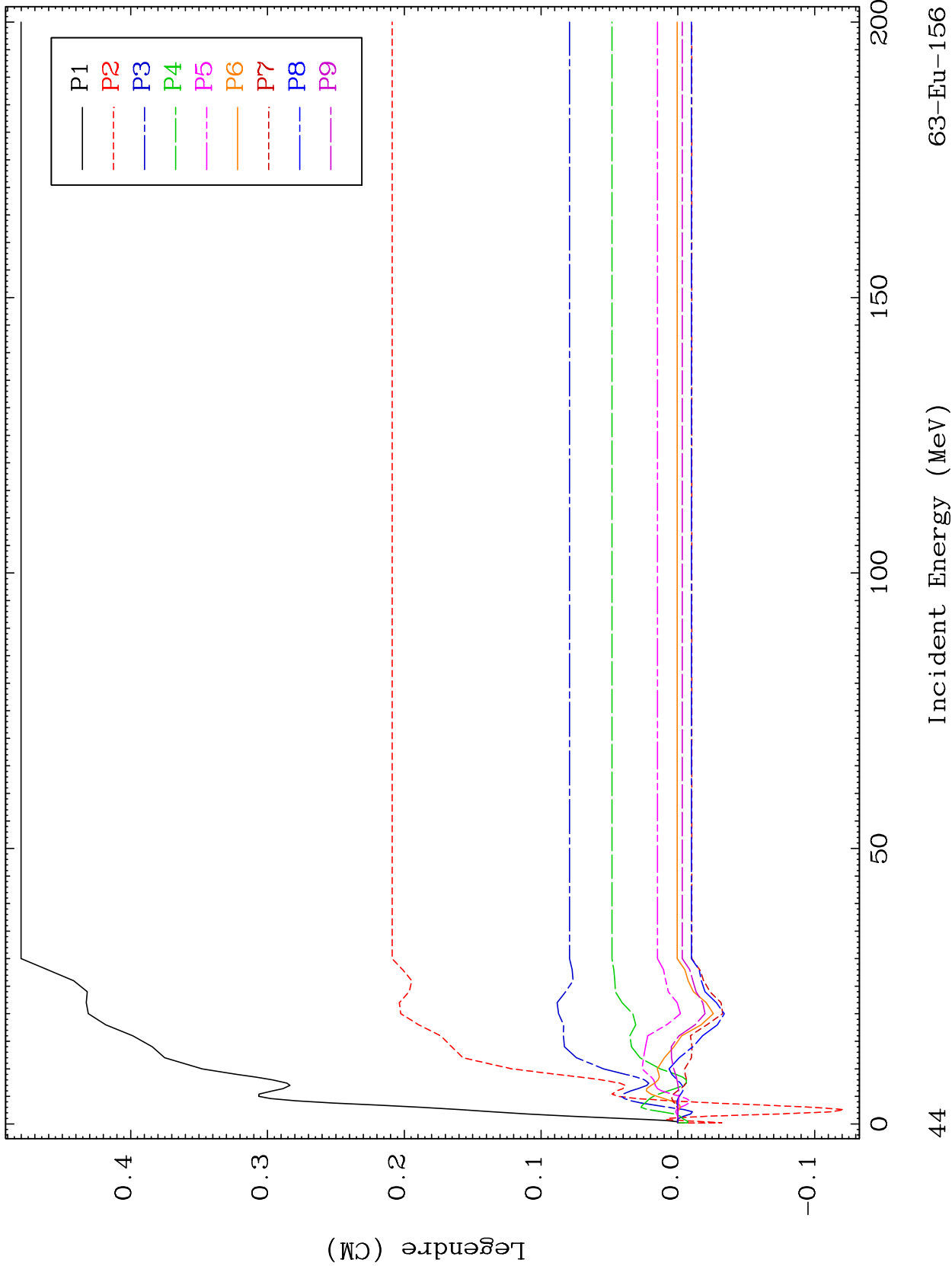
Legendre Coefficients



MAT 6340

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

63-Eu-156



63-Eu-156

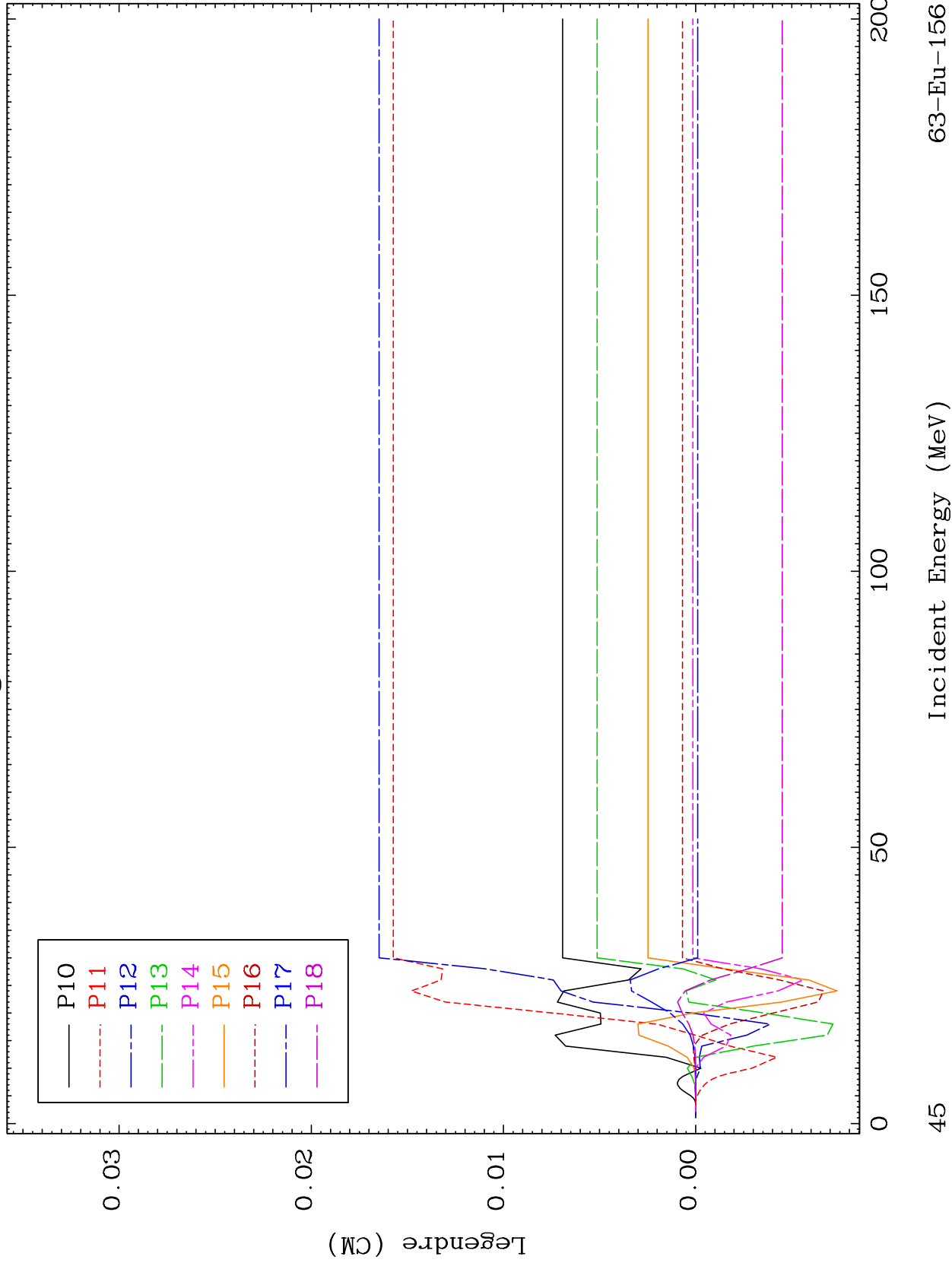
Incident Energy (MeV)

44

MAT 6340

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

63-Eu-156



63-Eu-156

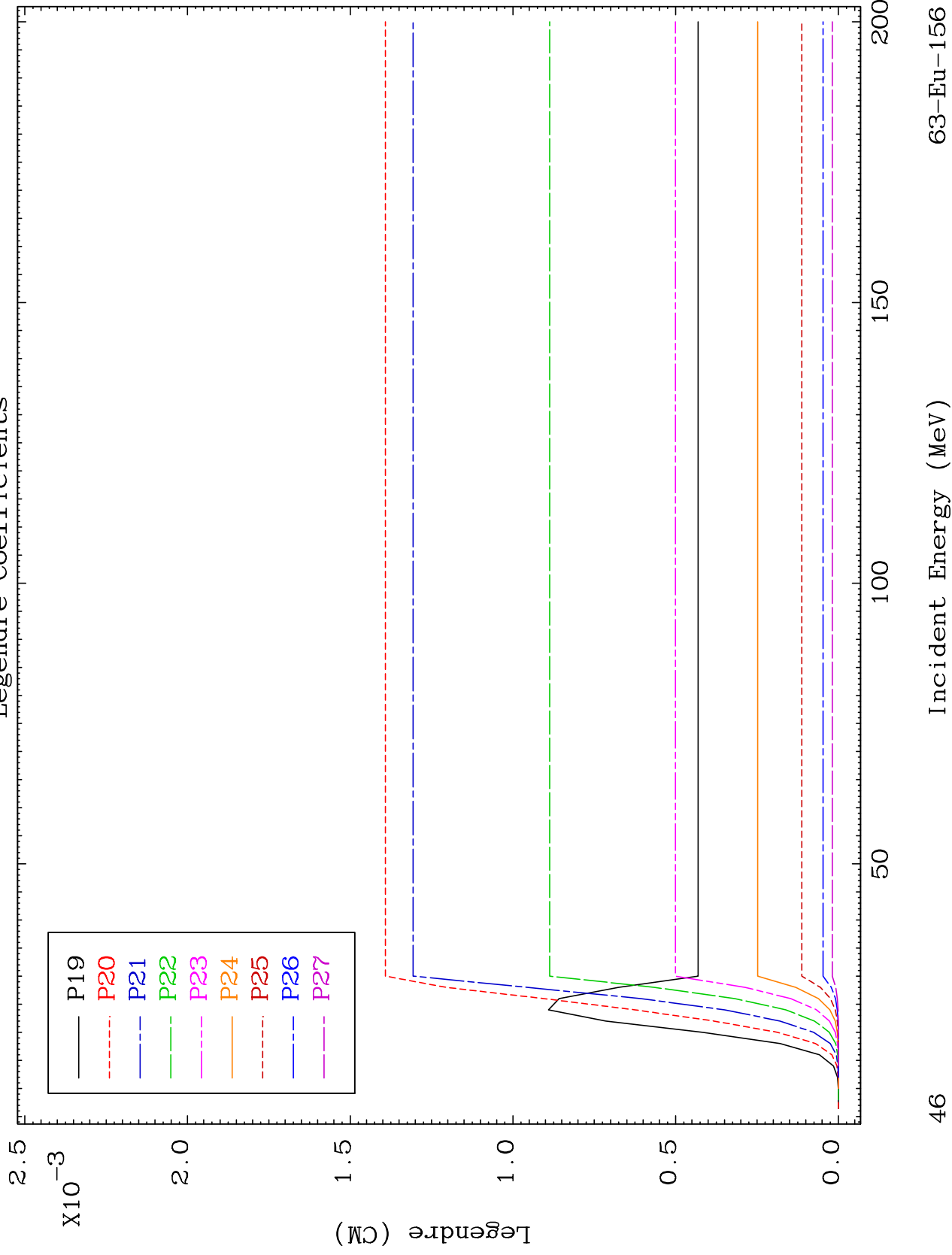
Incident Energy (MeV)

45

MAT 6340

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

63-Eu-156



46

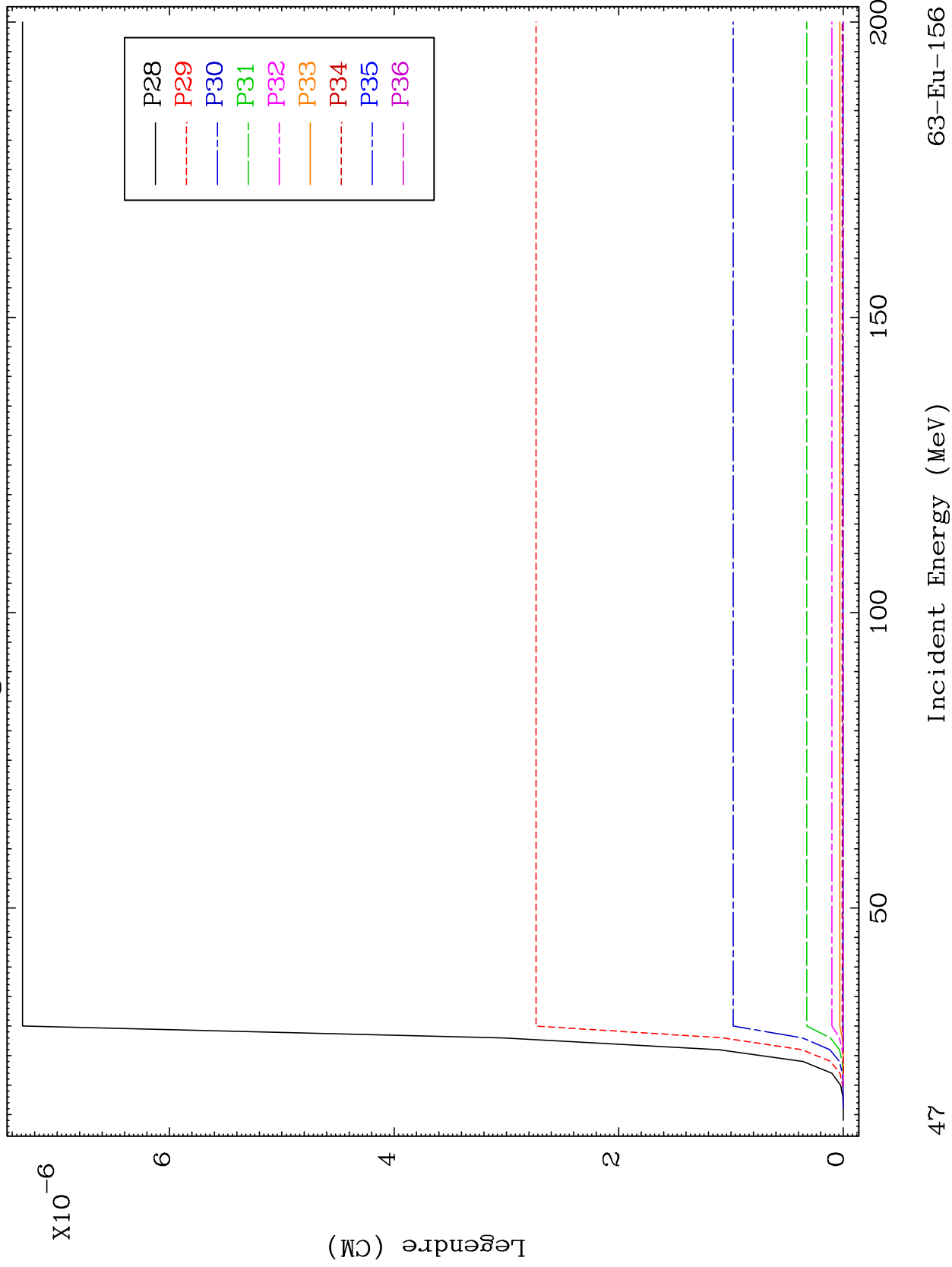
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



47

Incident Energy (MeV)

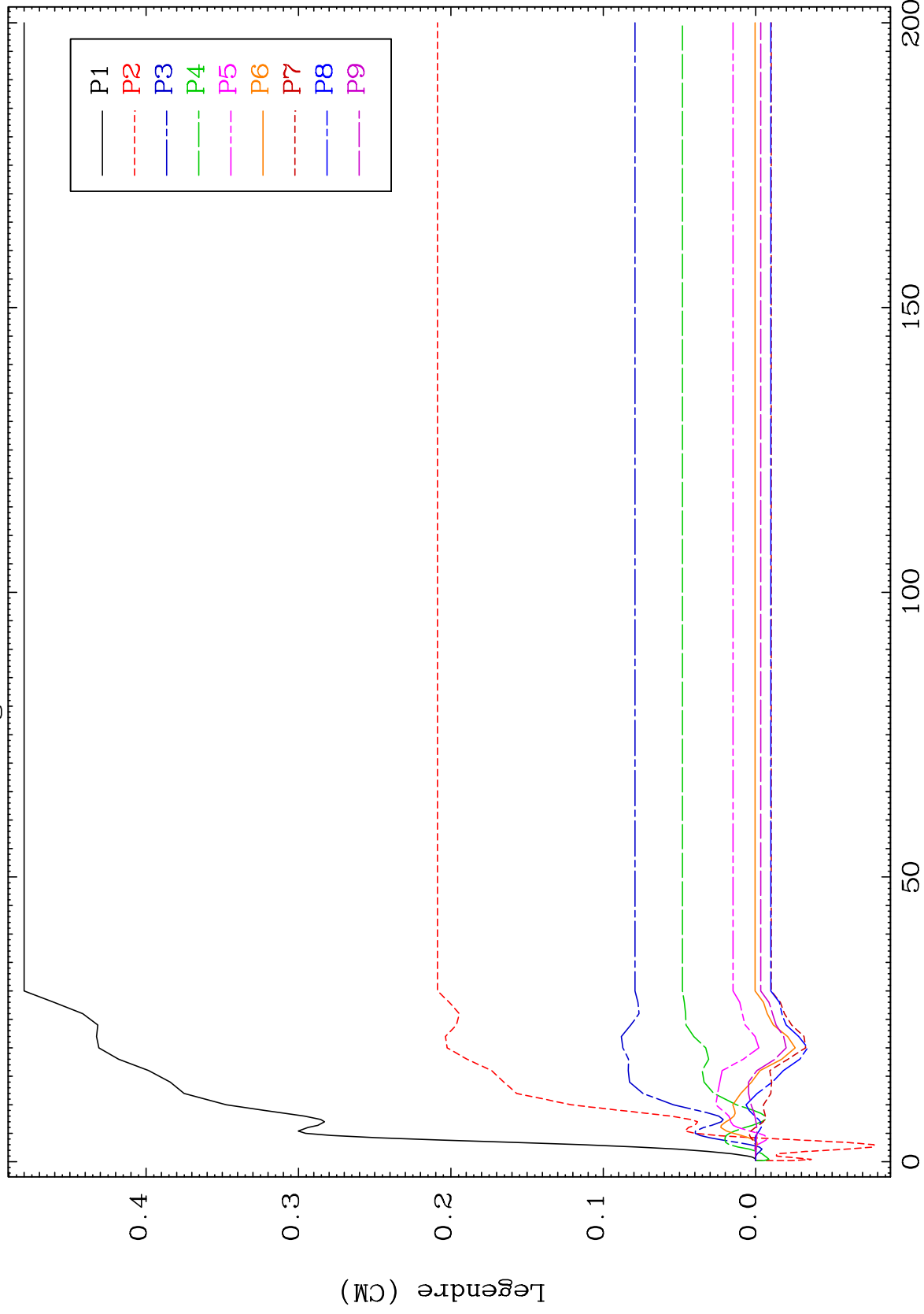
63-Eu-156



MAT 6340

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

63-Eu-156



48

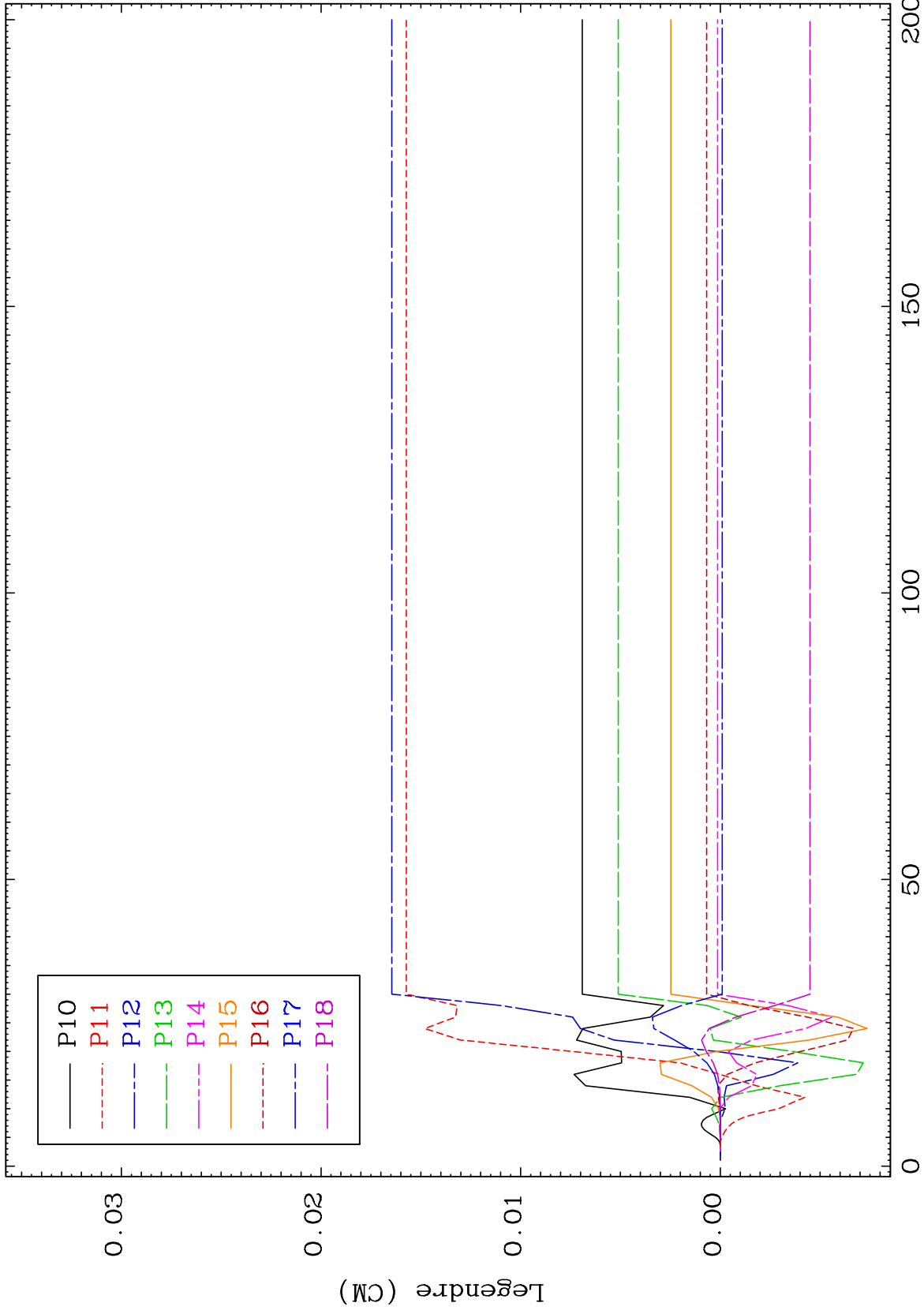
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



49

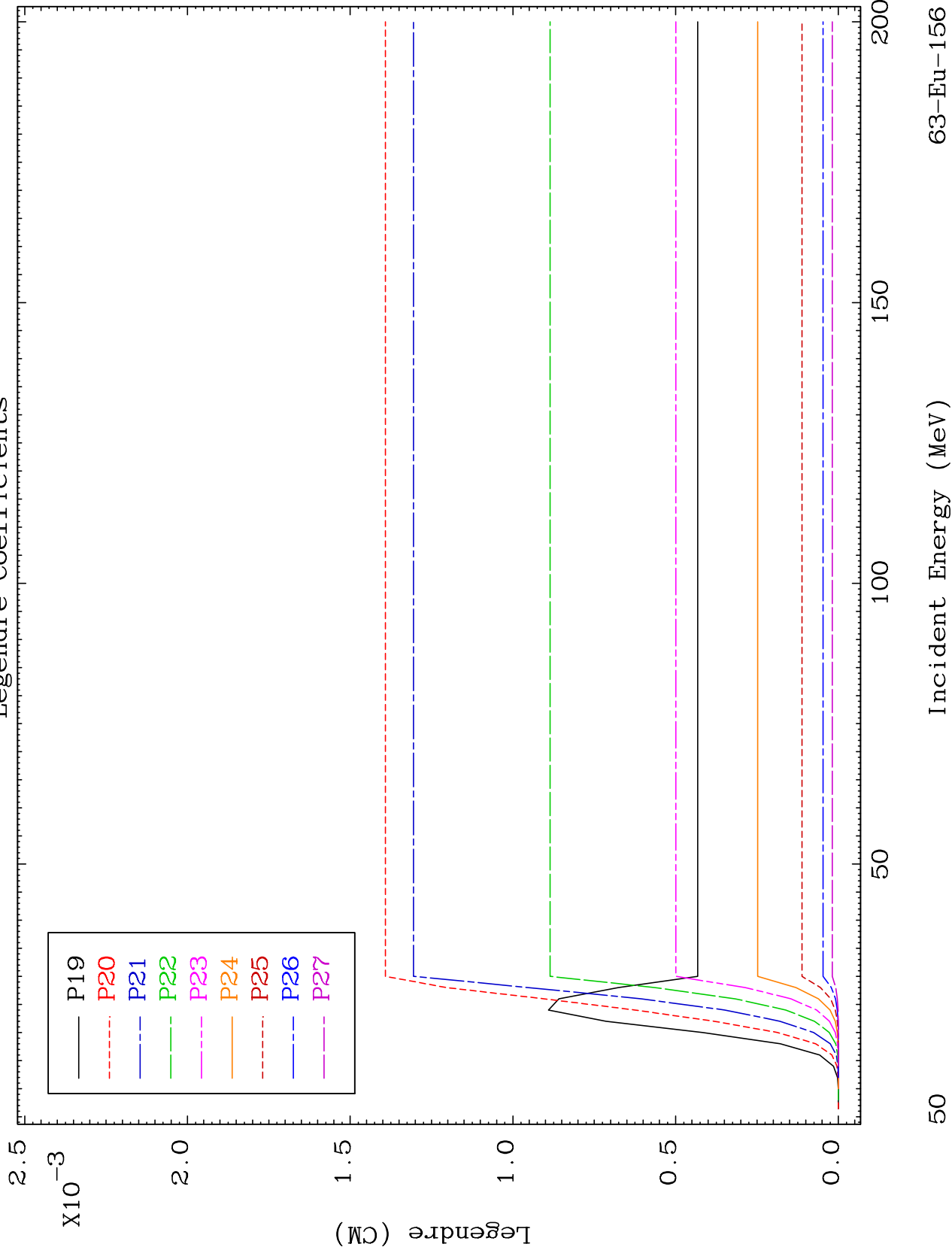
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



63-Eu-156

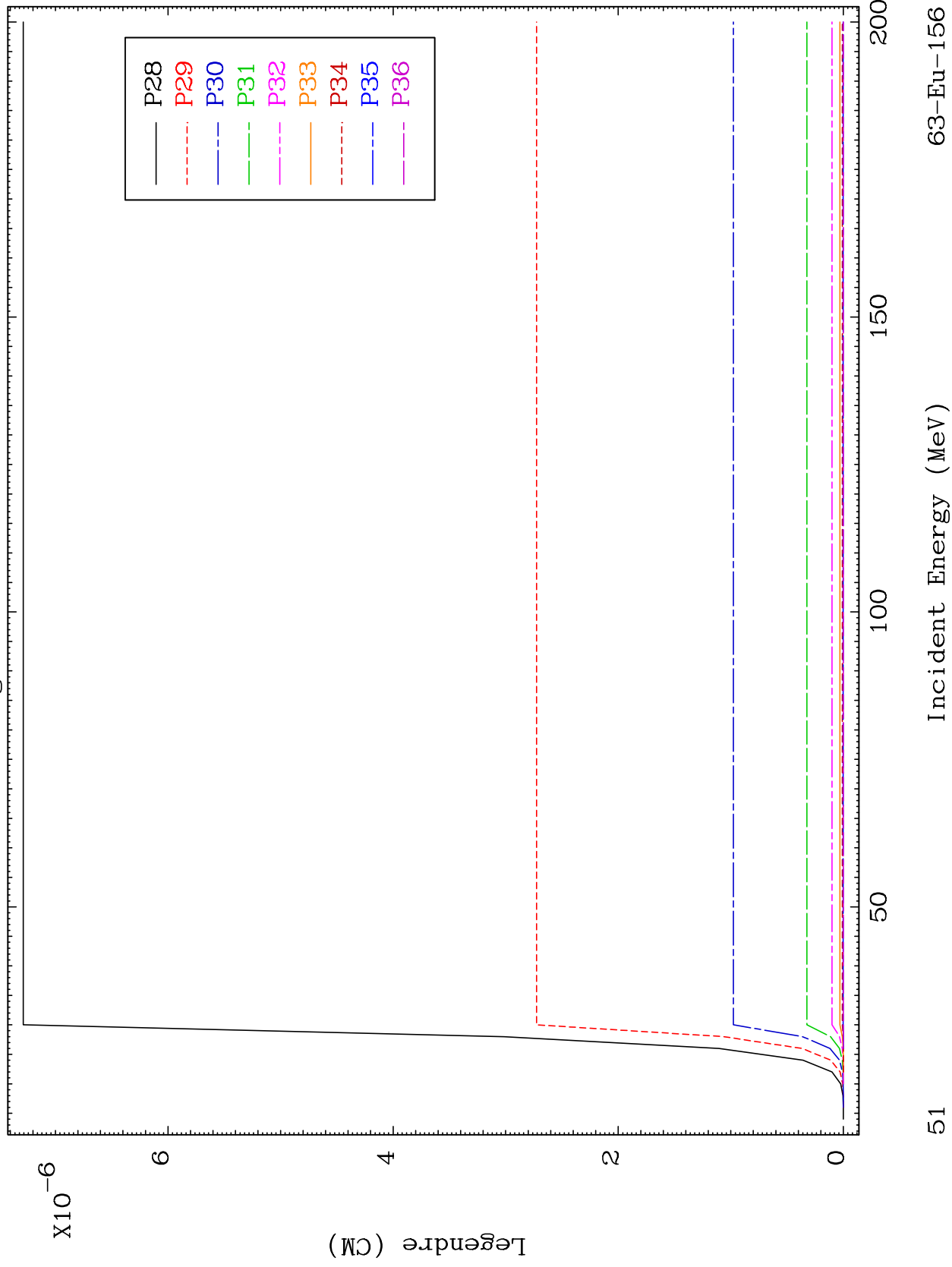
Incident Energy (MeV)

50

MAT 6340

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

63-Eu-156



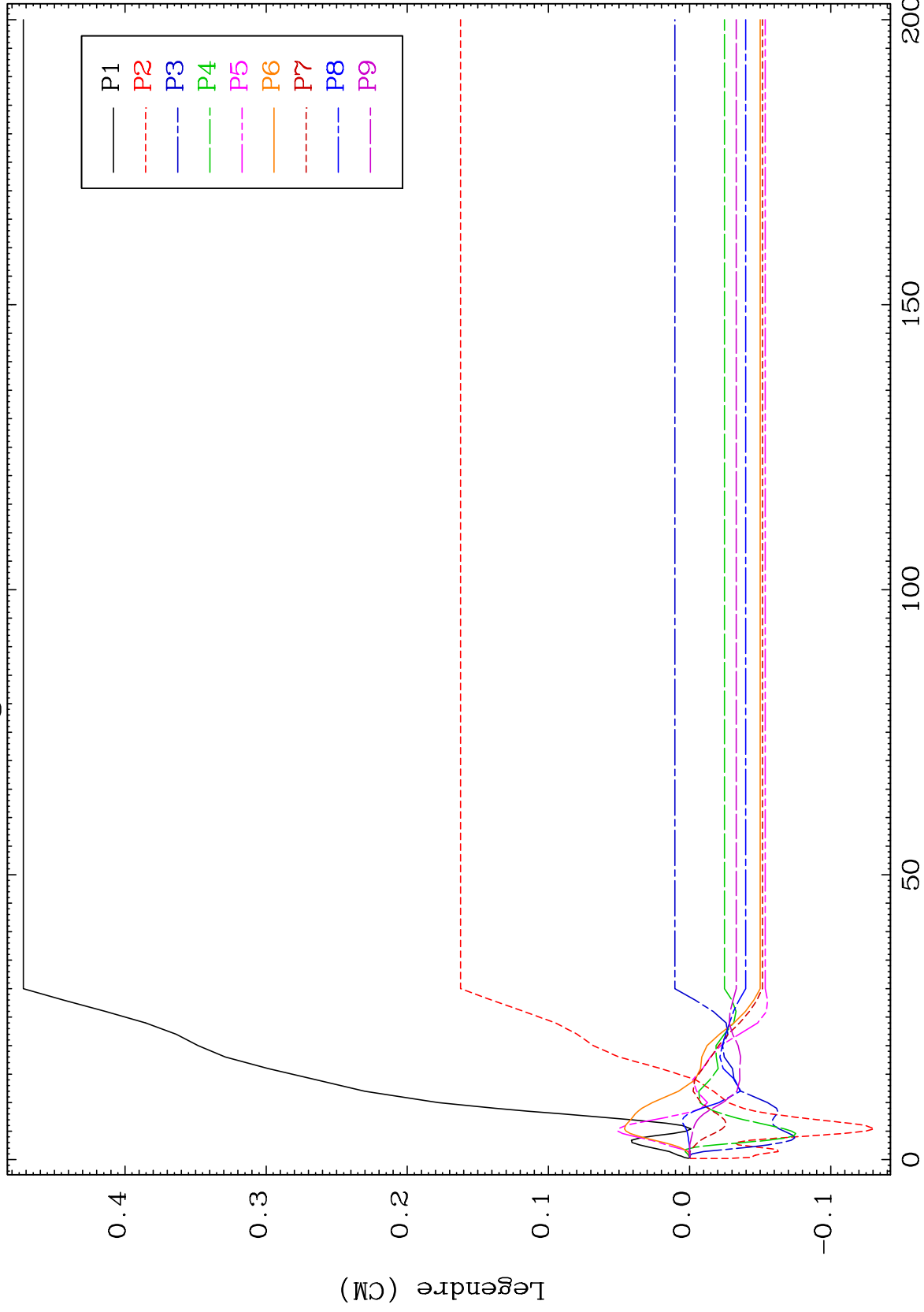
51

63-Eu-156

MAT 6340

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

63-Eu-156



52

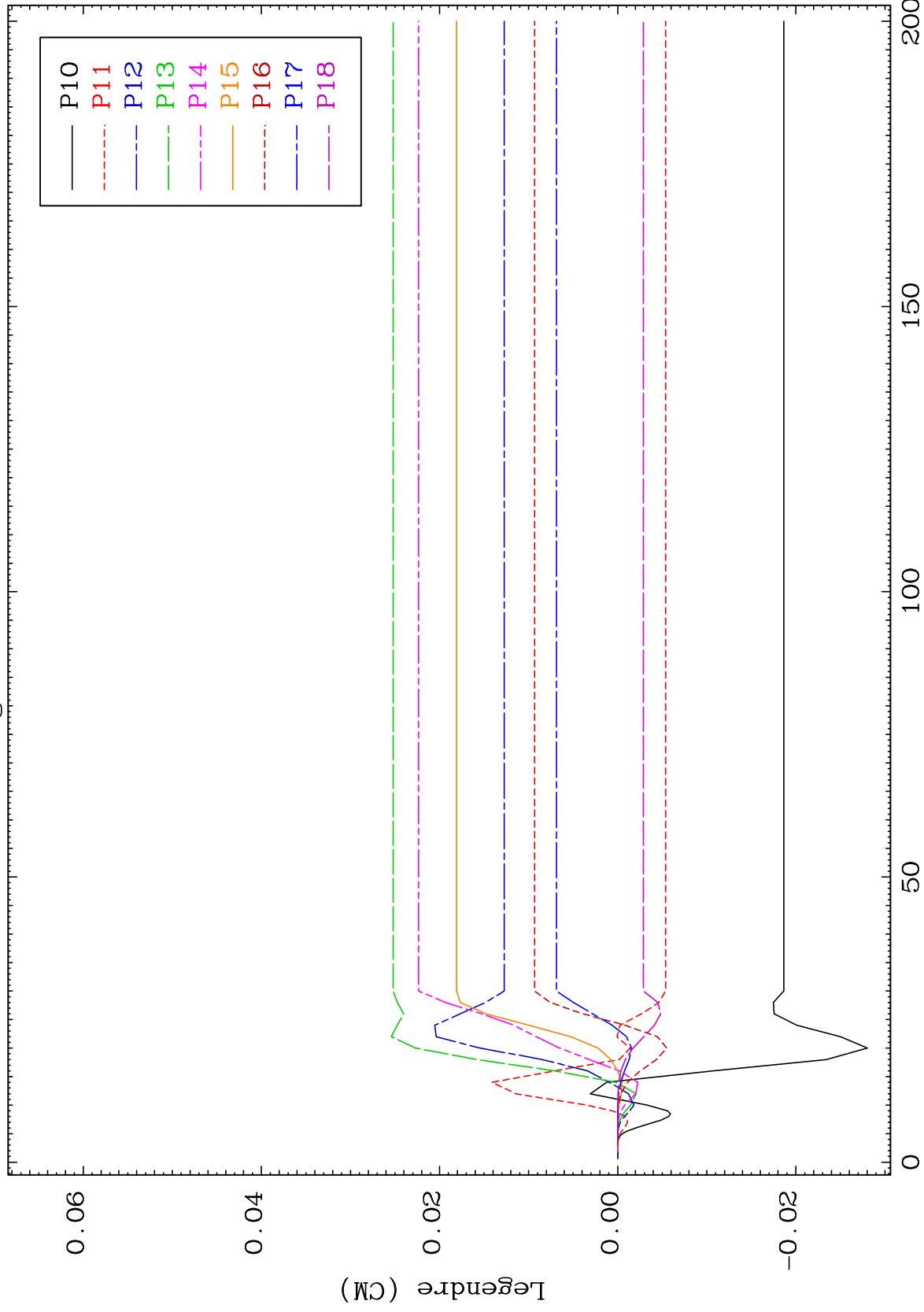
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



53

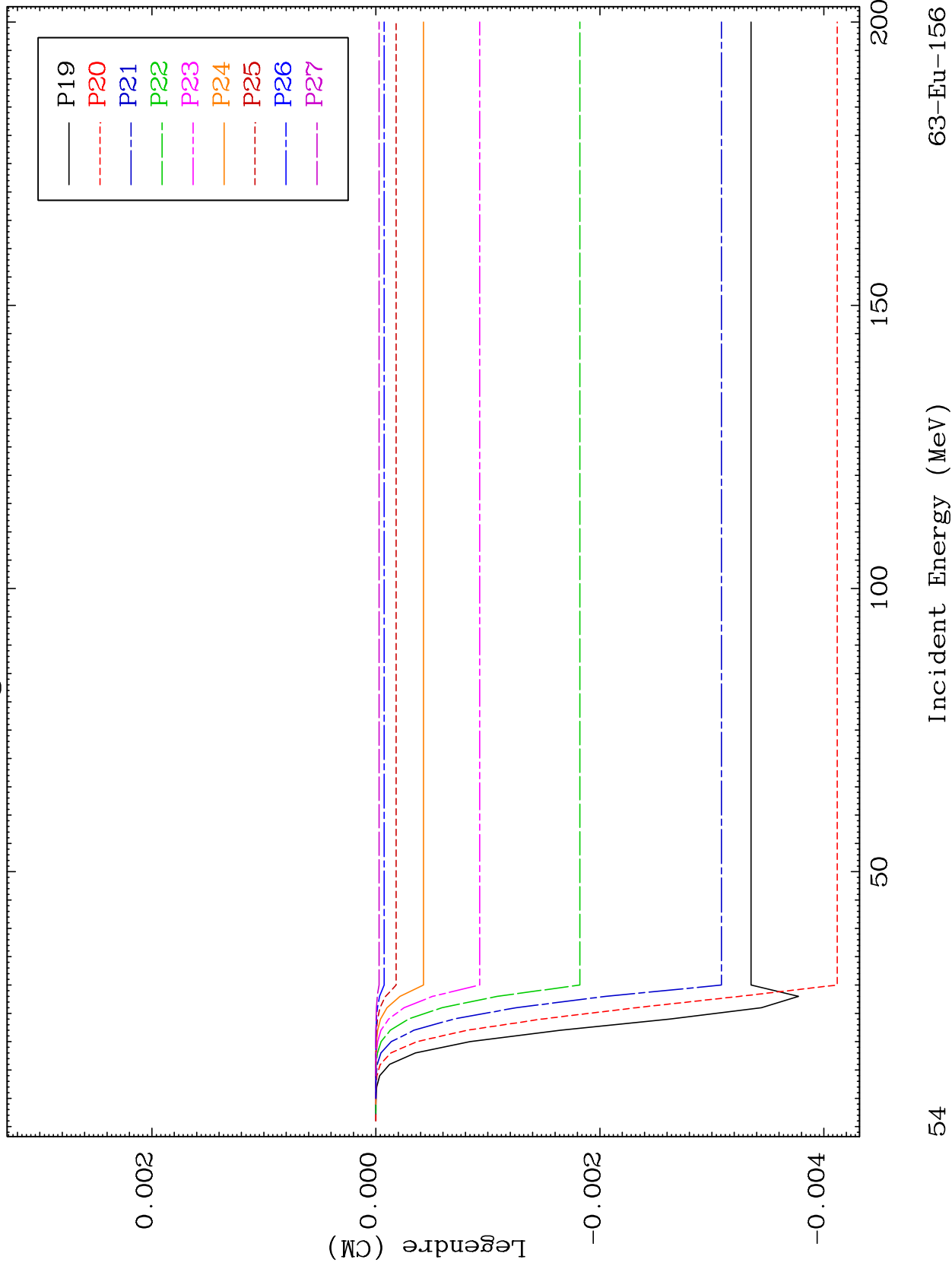
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

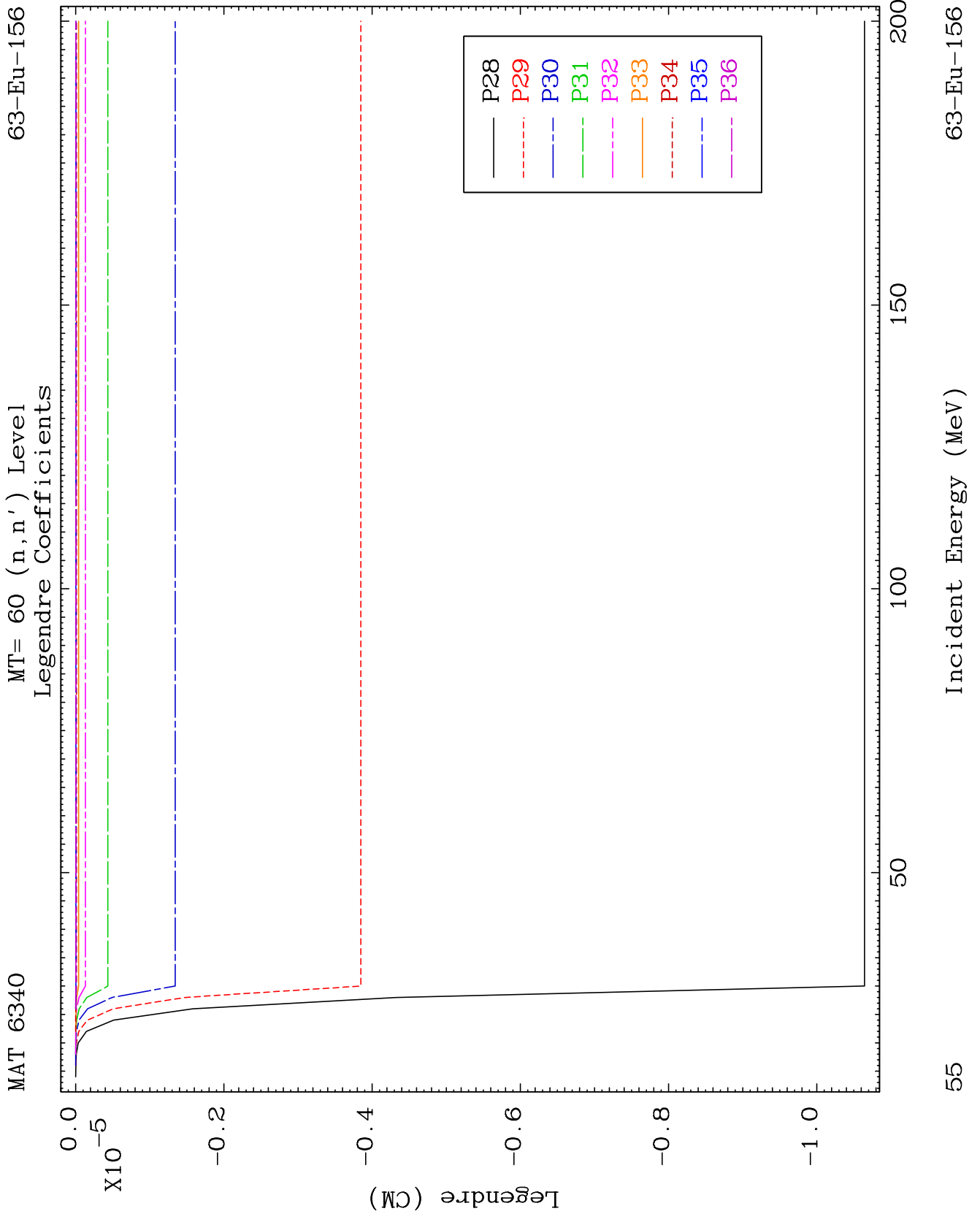
63-Eu-156



54

Incident Energy (MeV)

63-Eu-156

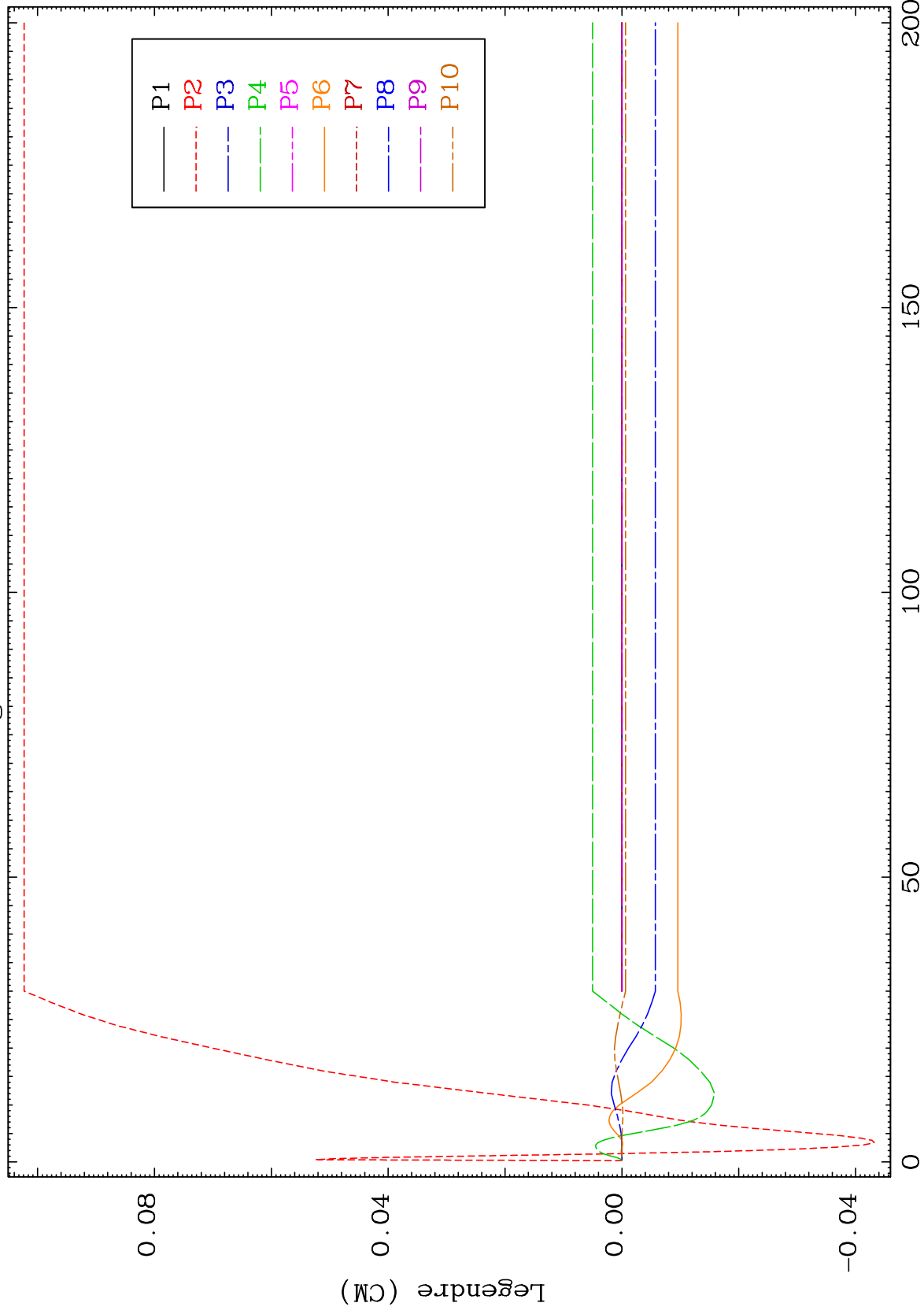




MAT 6340

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

63-Eu-156



63-Eu-156

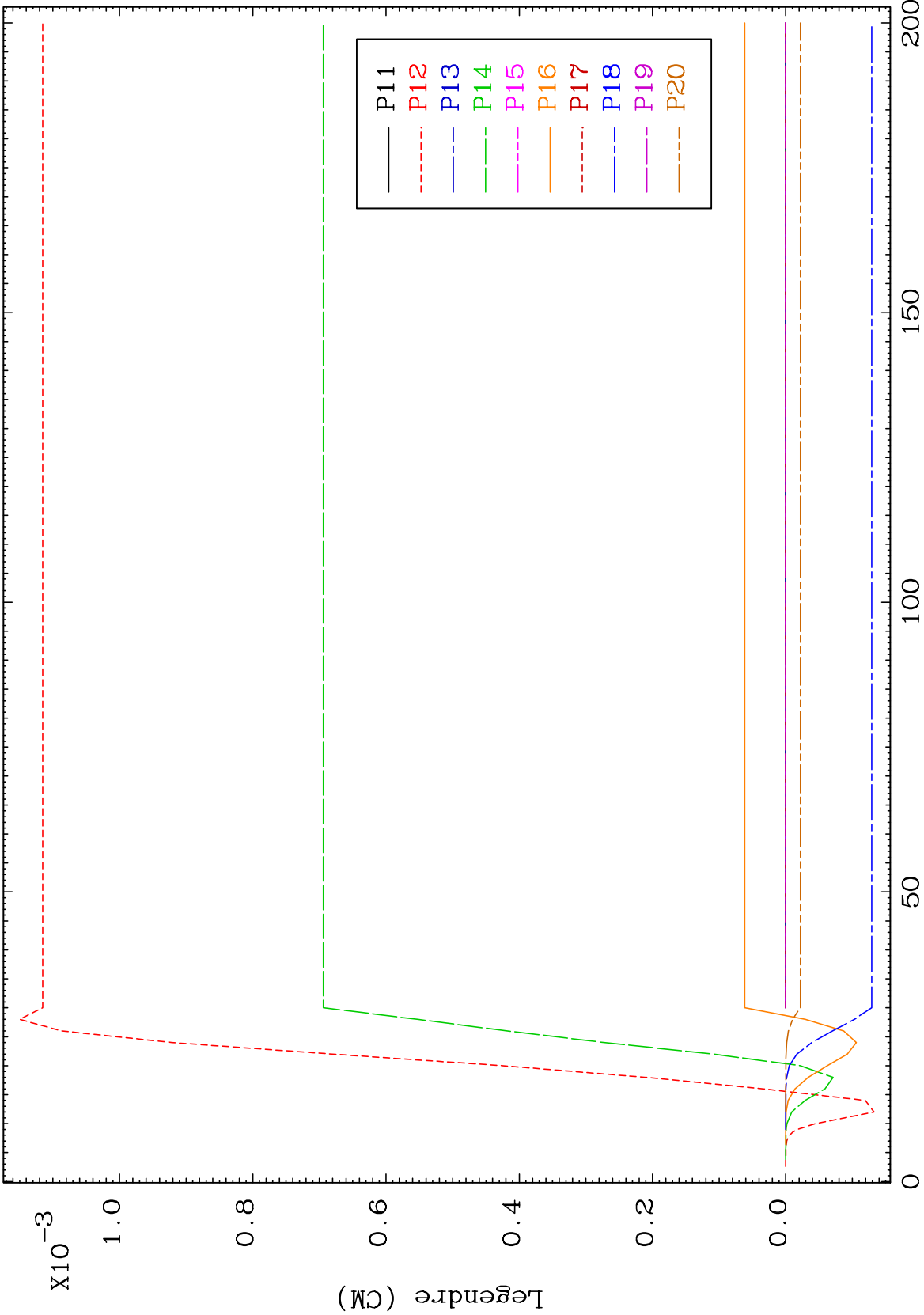
Incident Energy (MeV)

56

MAT 6340

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

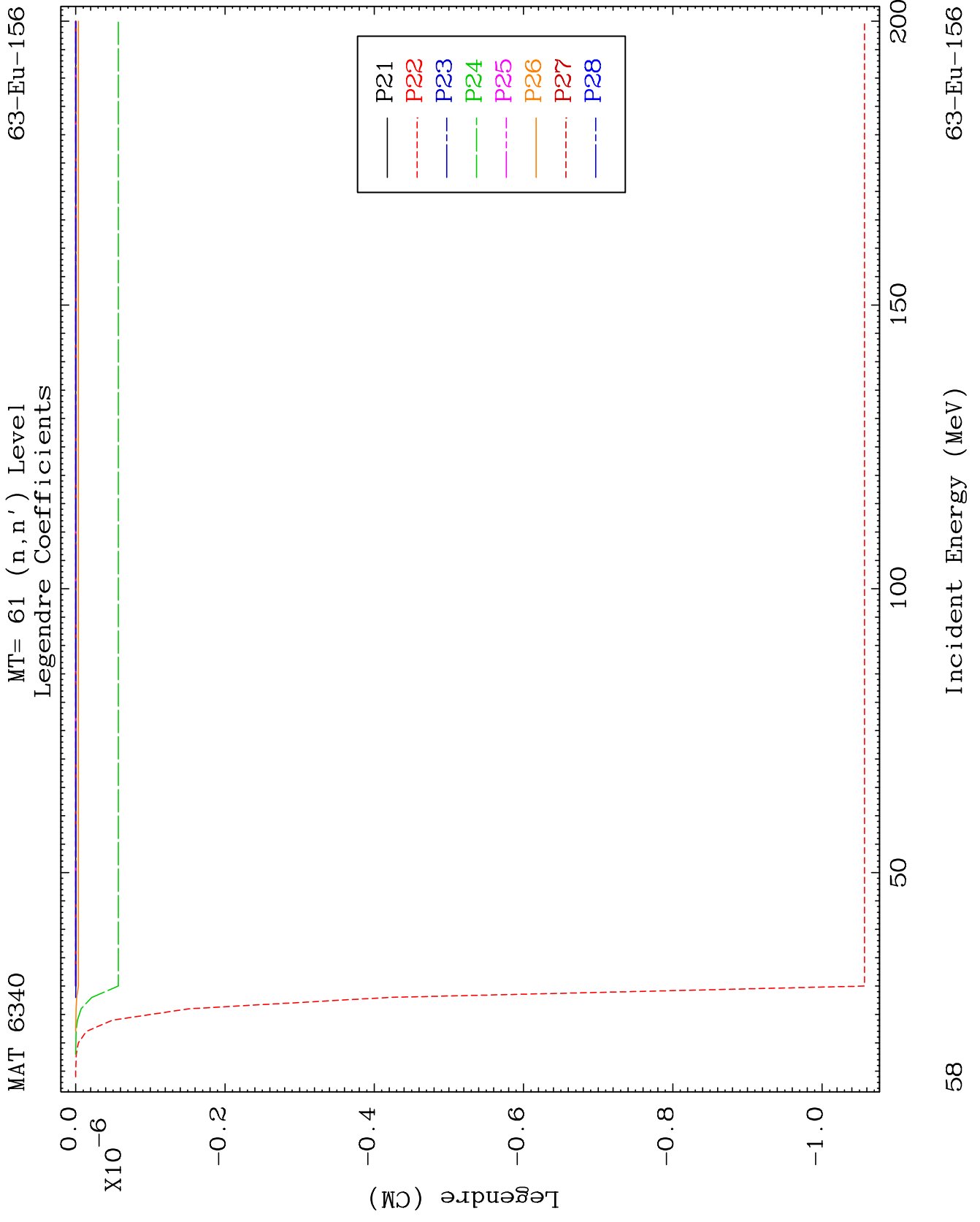
63-Eu-156



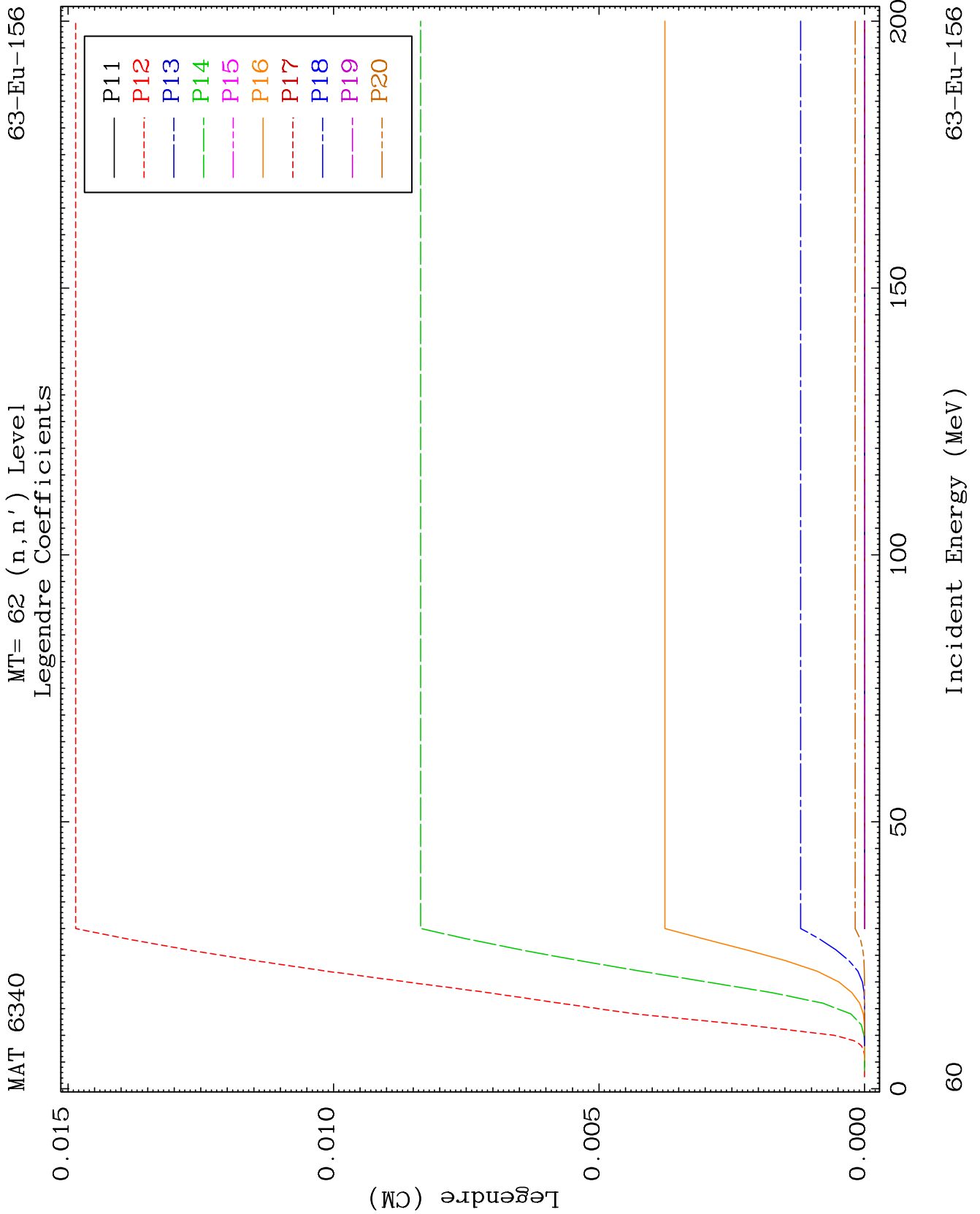
57

Incident Energy (MeV)

63-Eu-156





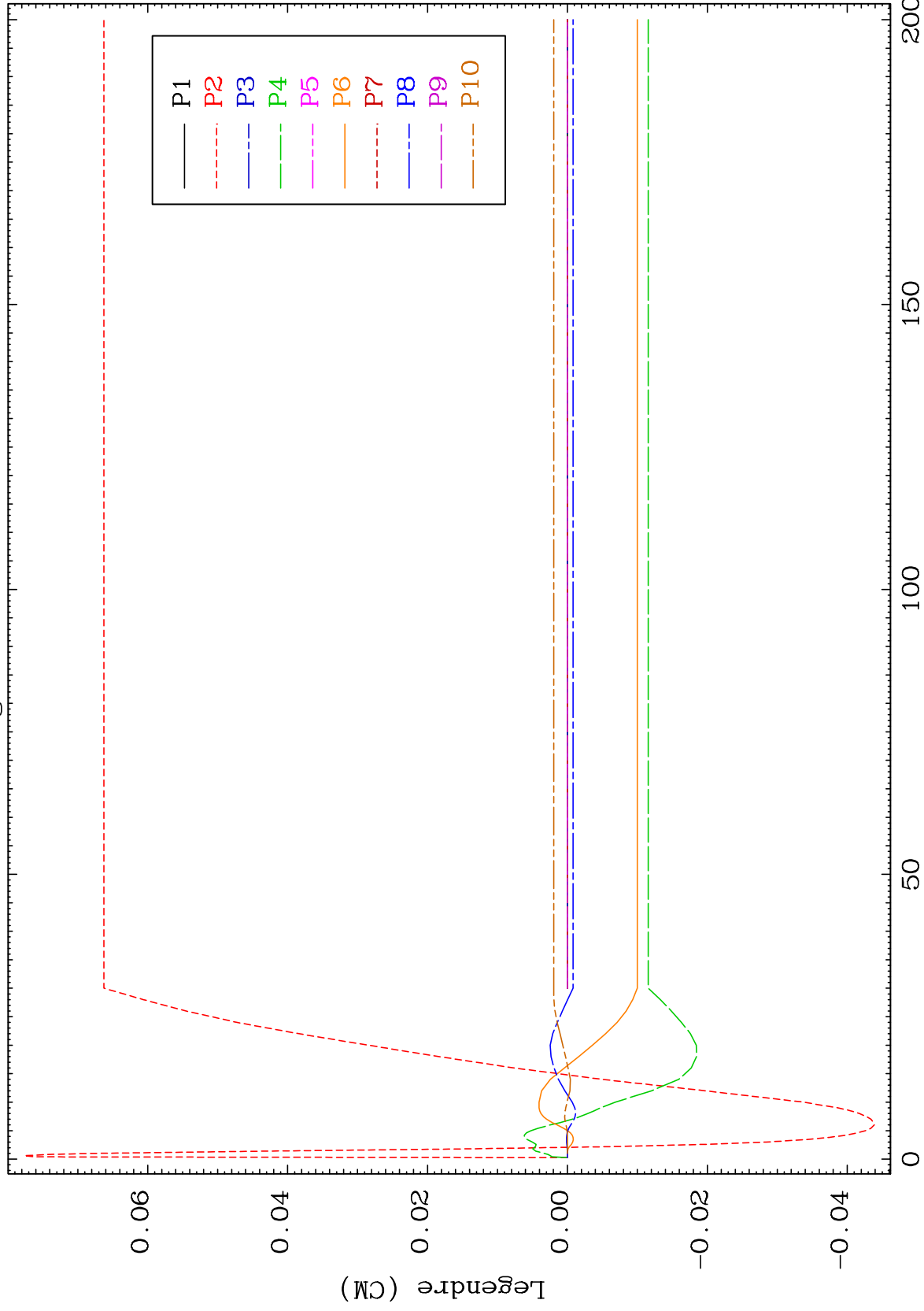




MAT 6340

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

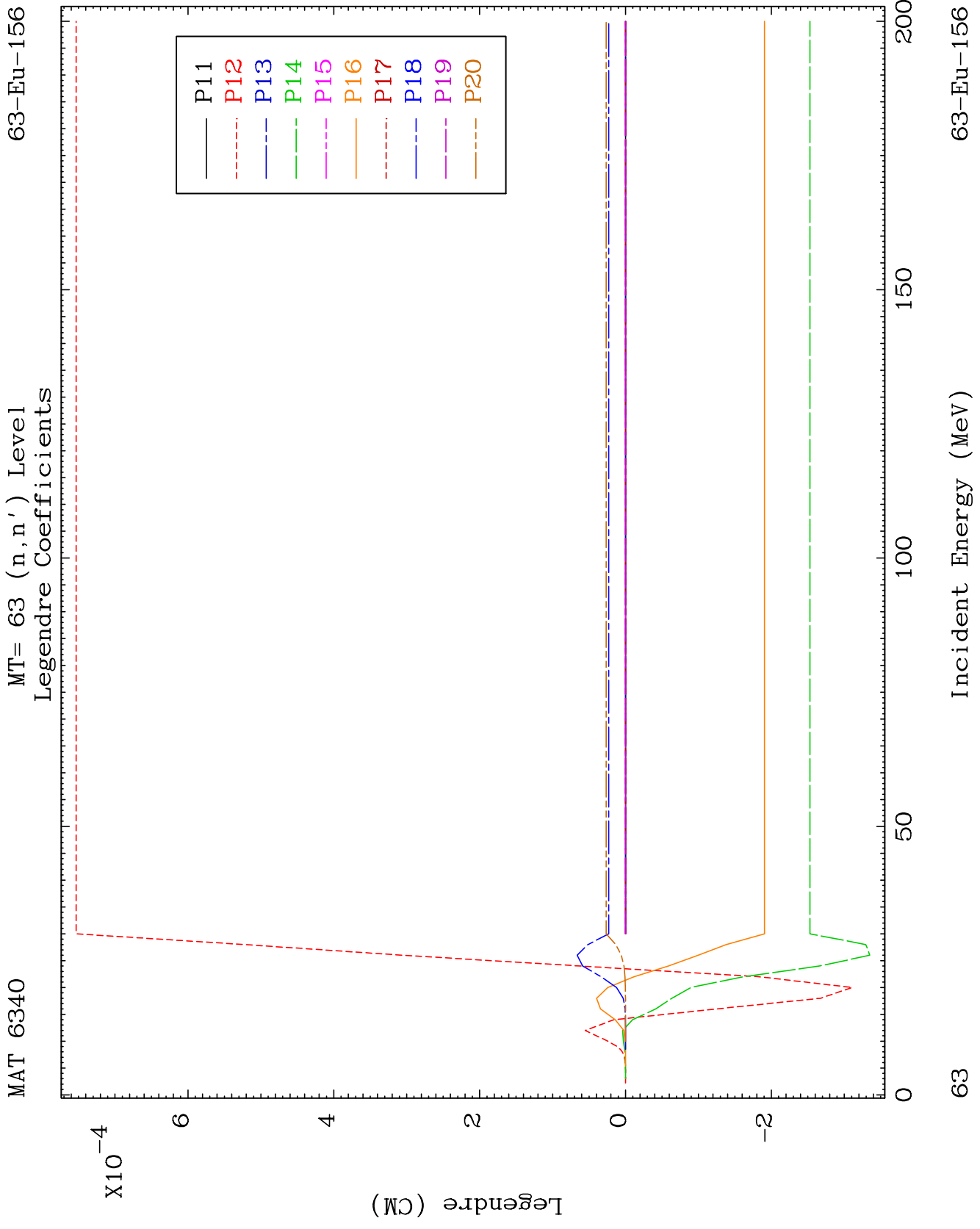
63-Eu-156



62

Incident Energy (MeV)

63-Eu-156





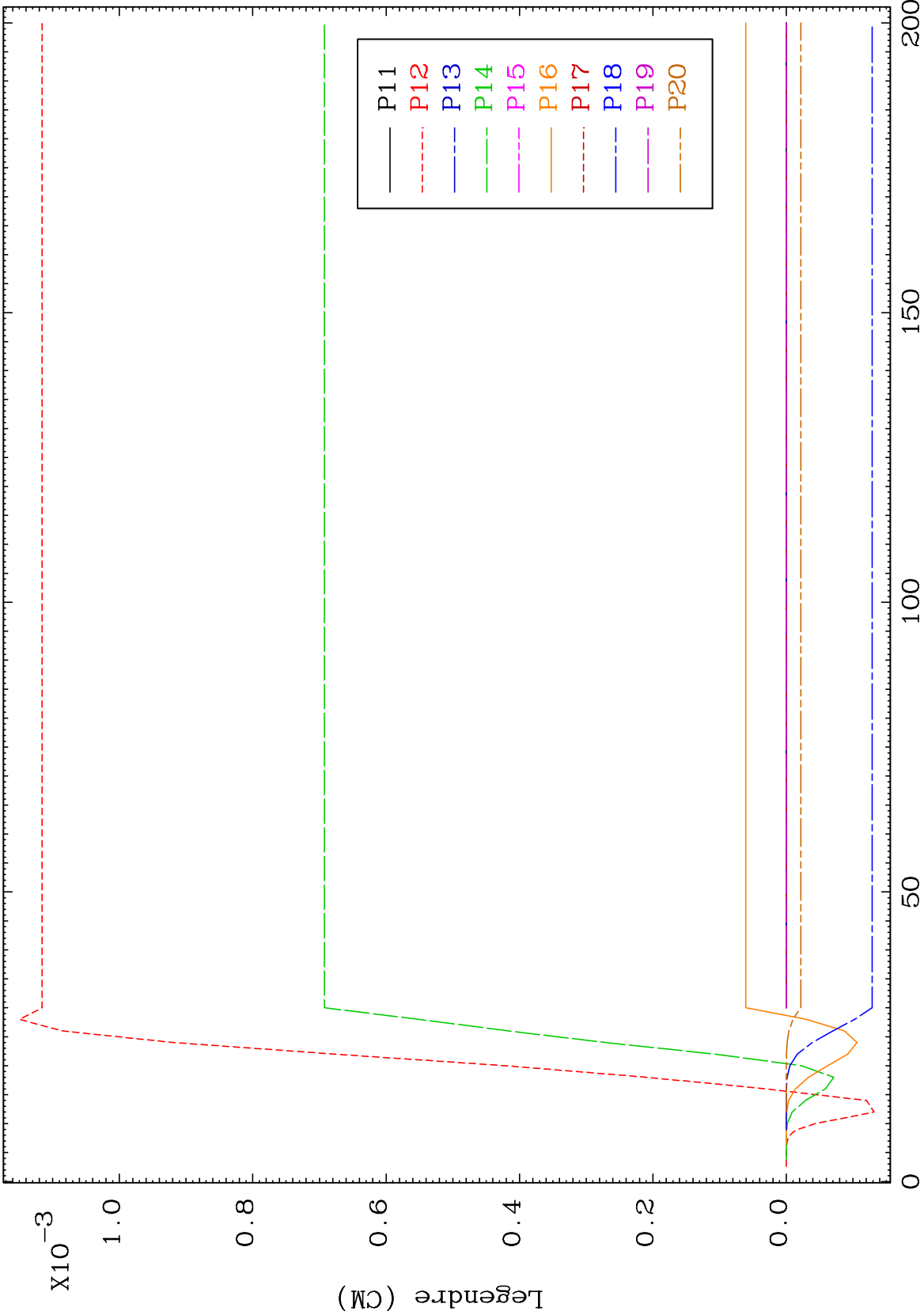




MAT 6340

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

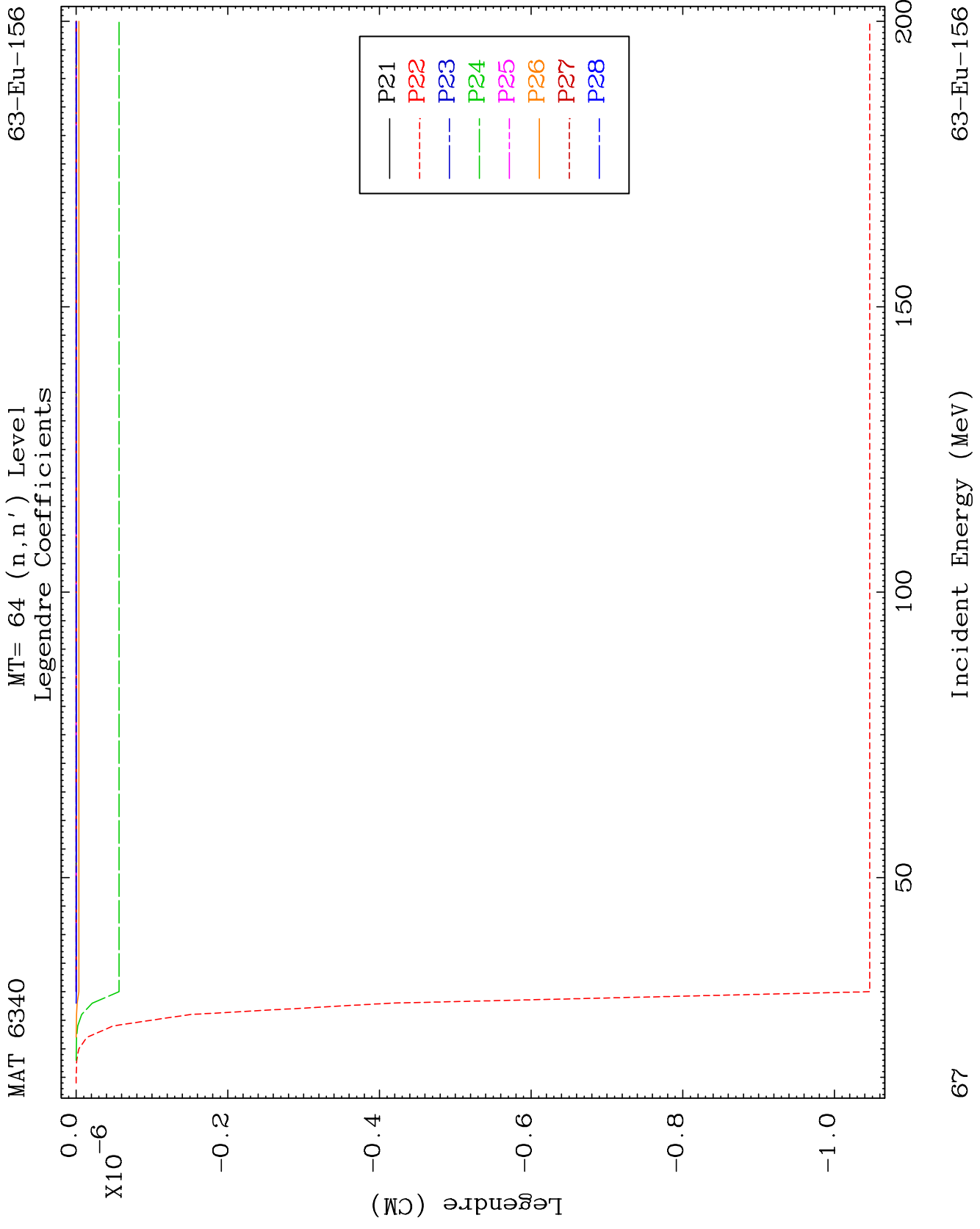
63-Eu-156

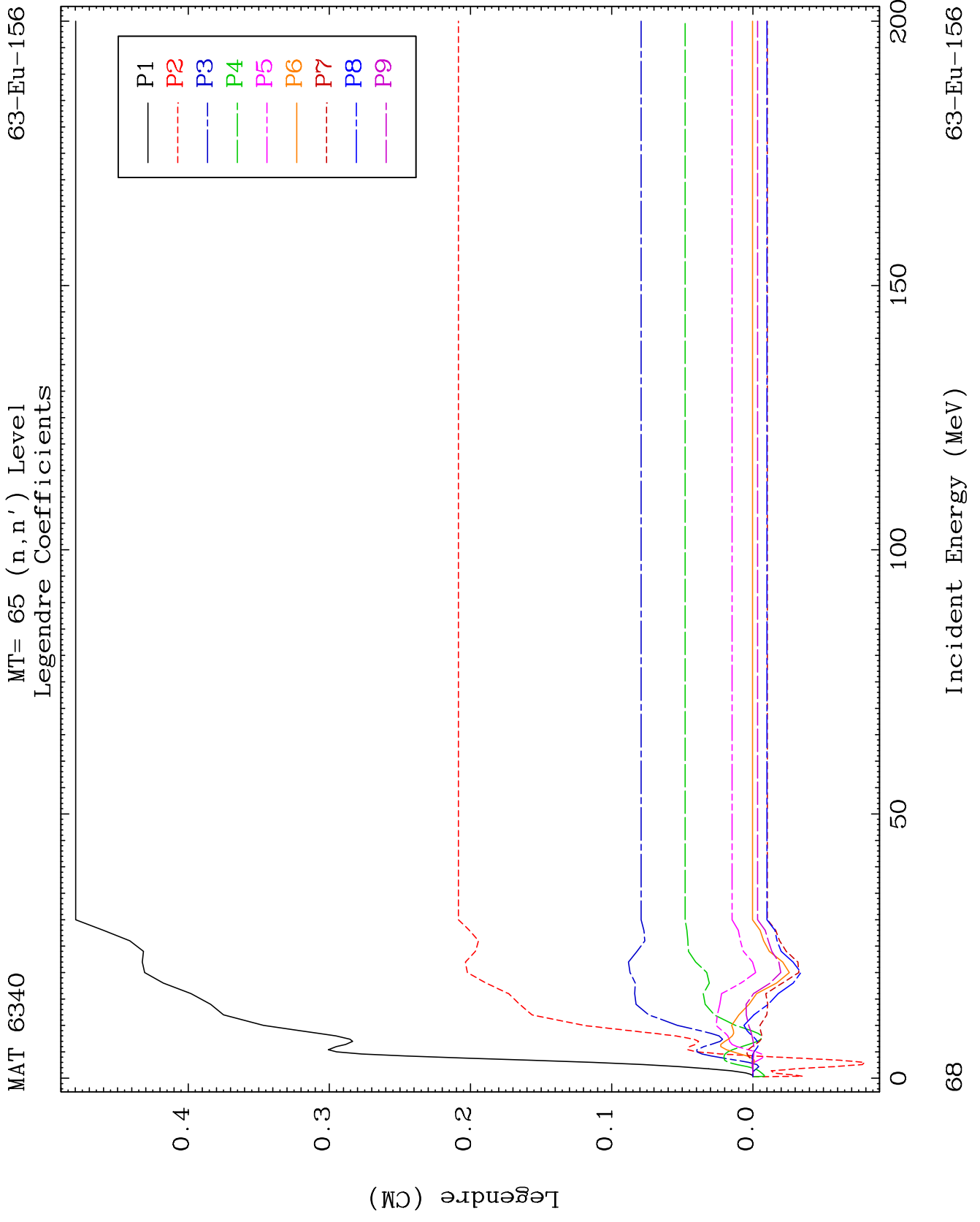


66

Incident Energy (MeV)

63-Eu-156

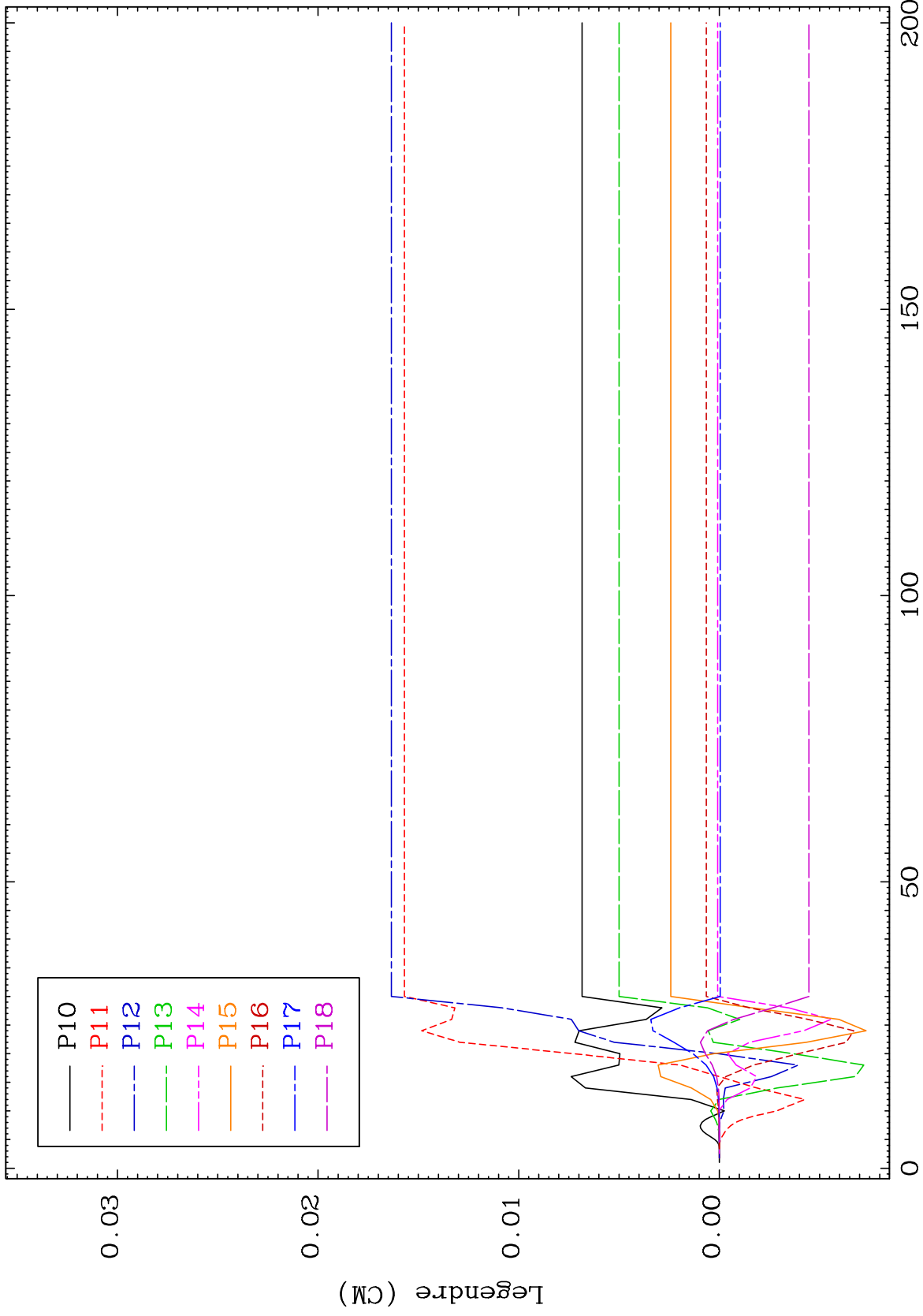




MAT 6340

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

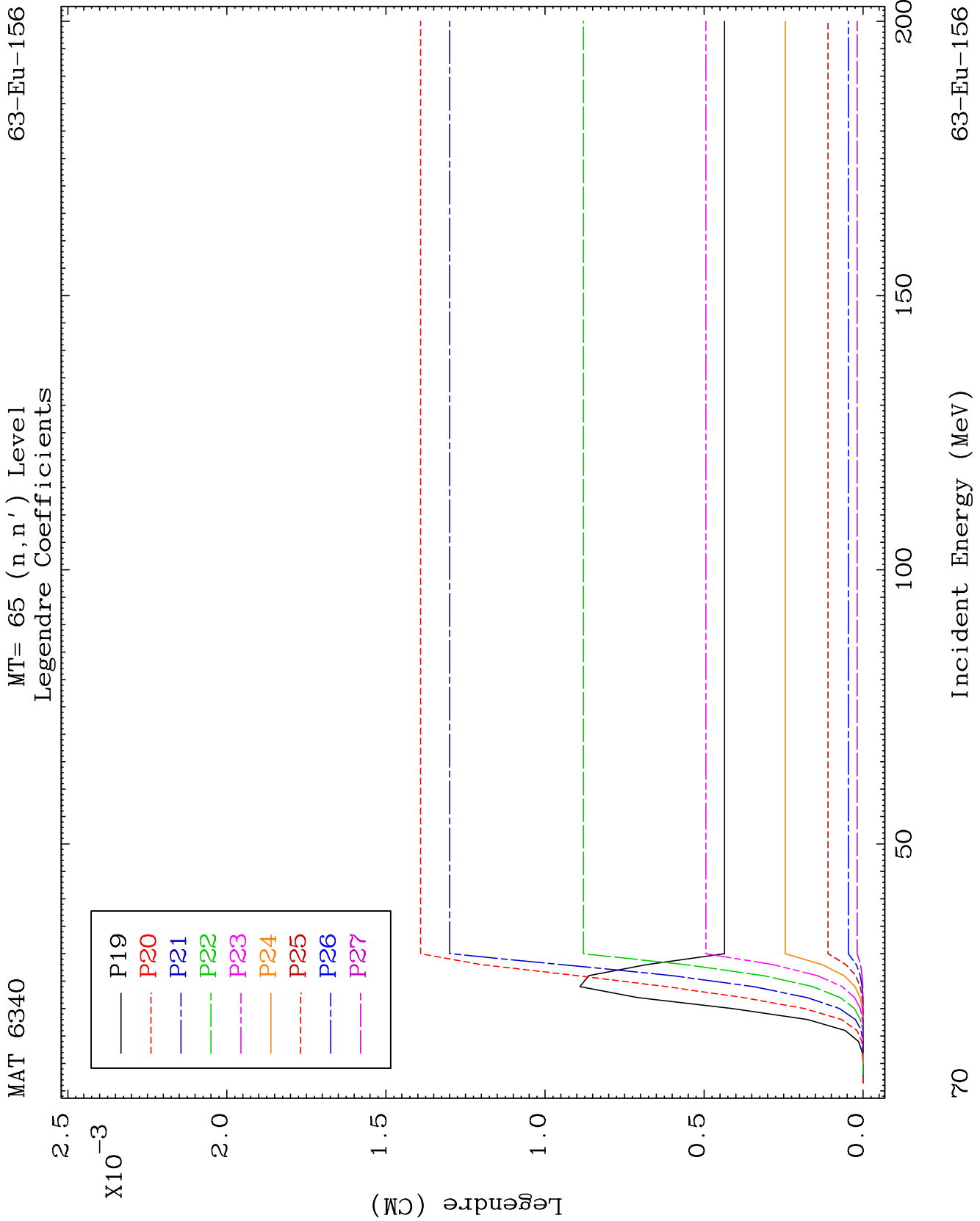
63-Eu-156



69

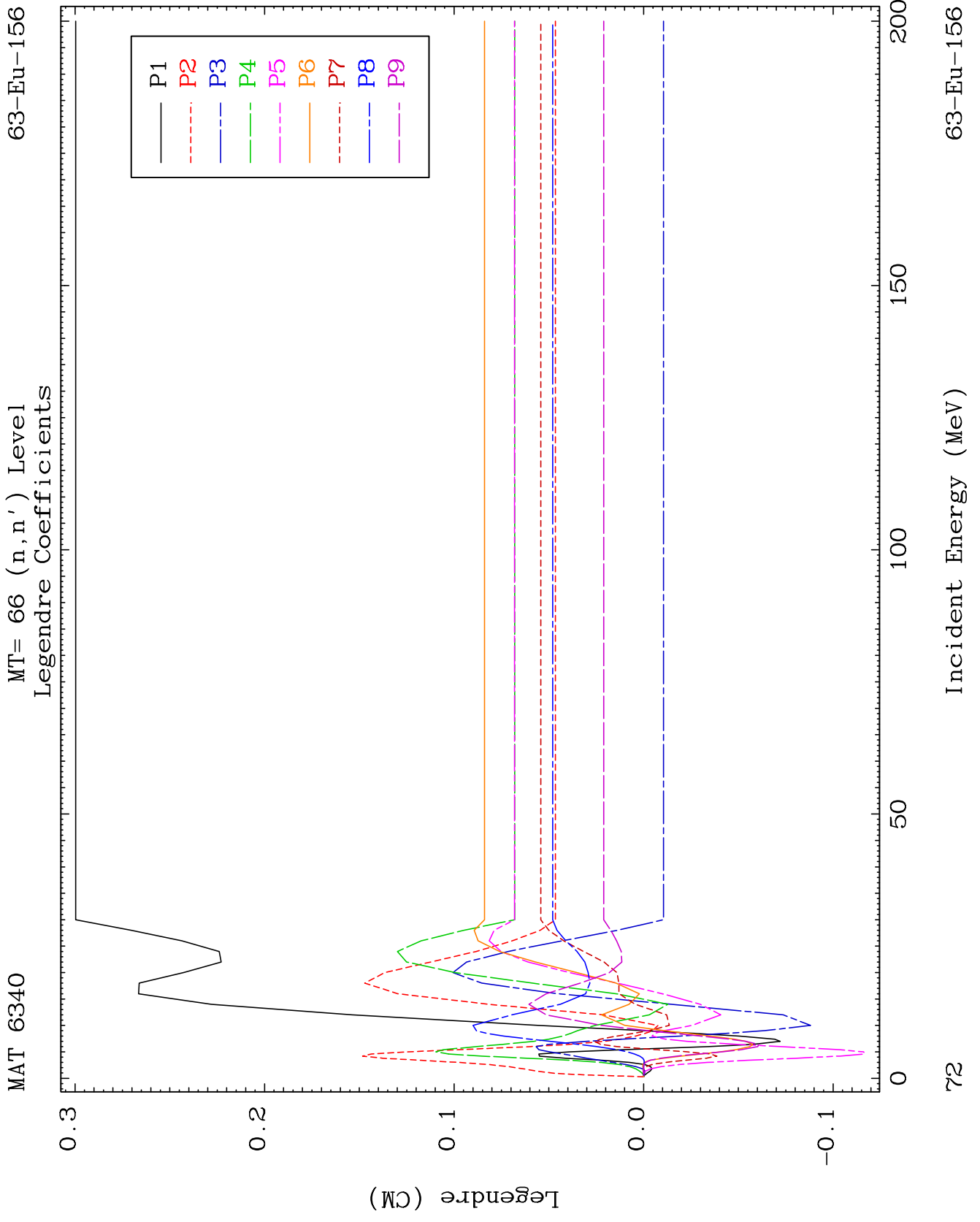
Incident Energy (MeV)

63-Eu-156





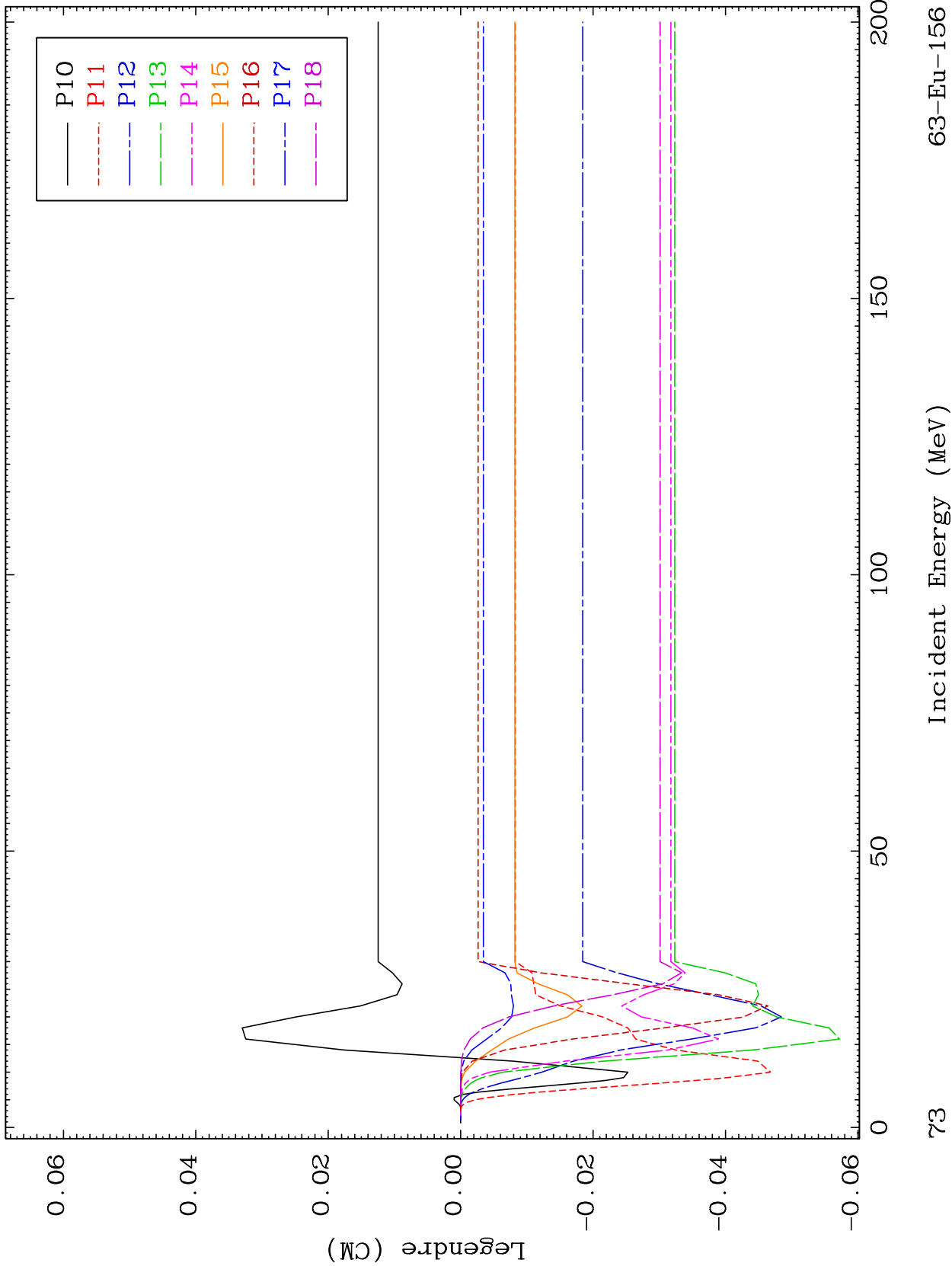




MAT 6340

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

63-Eu-156



73

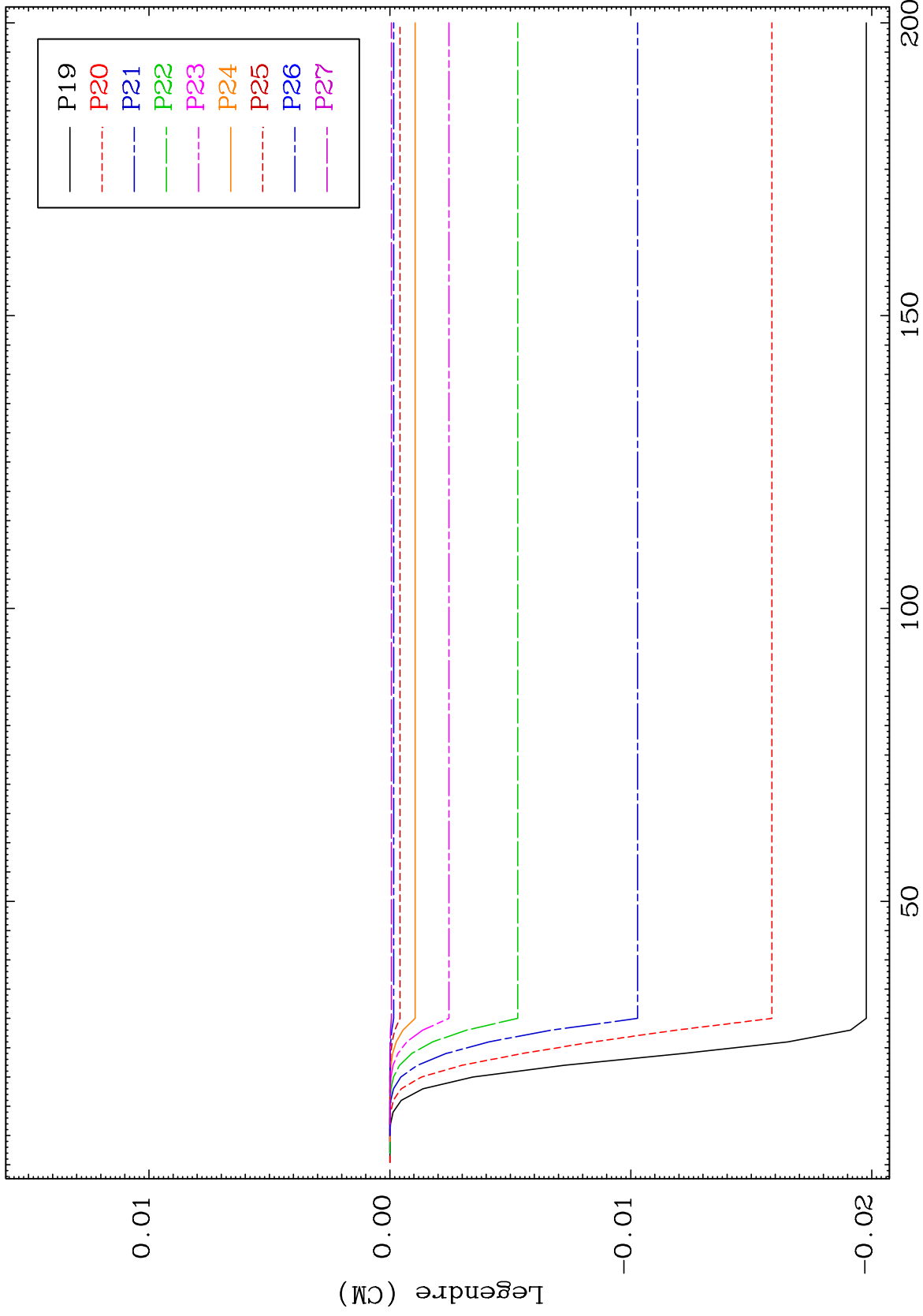
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

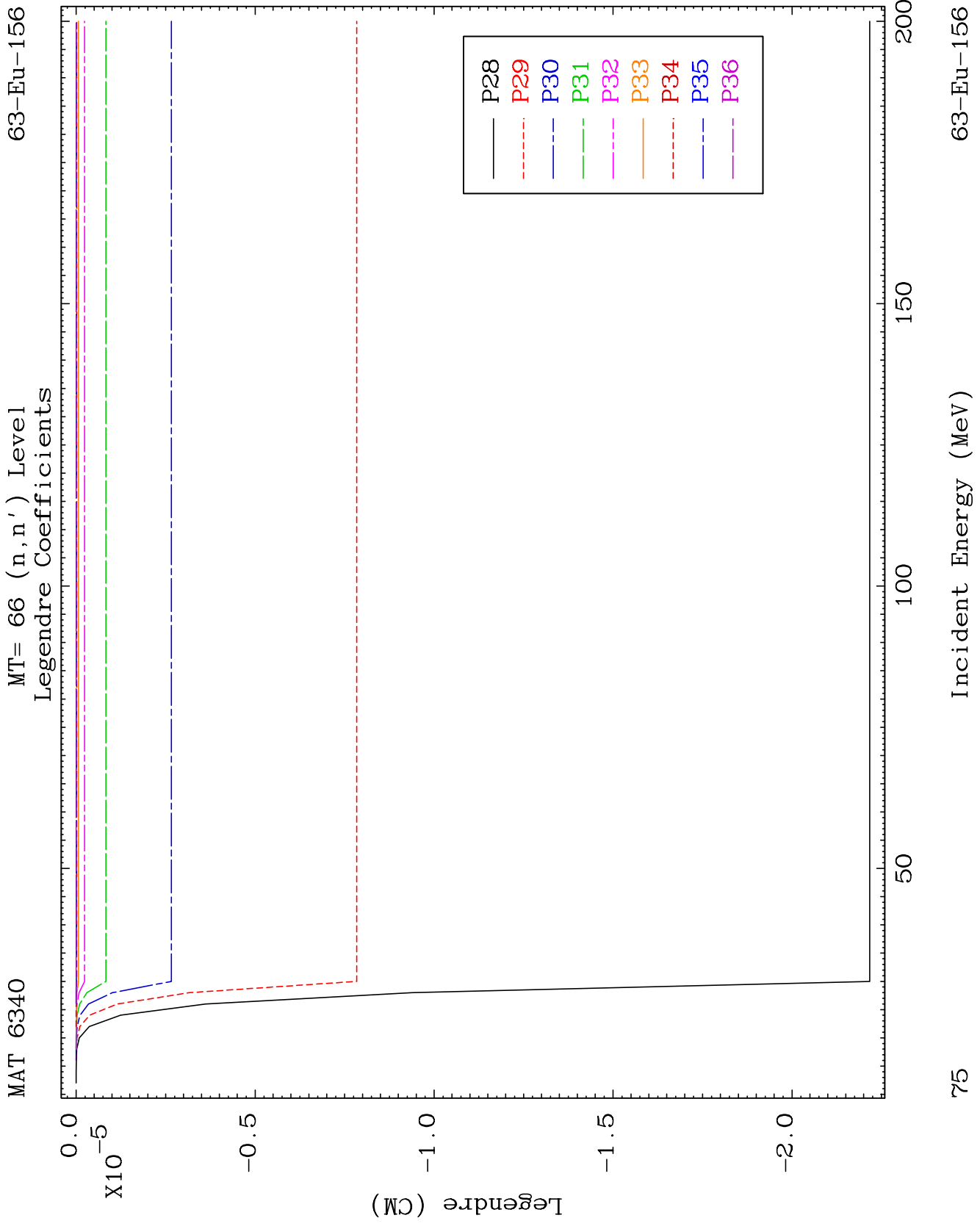
63-Eu-156



74

Incident Energy (MeV)

63-Eu-156

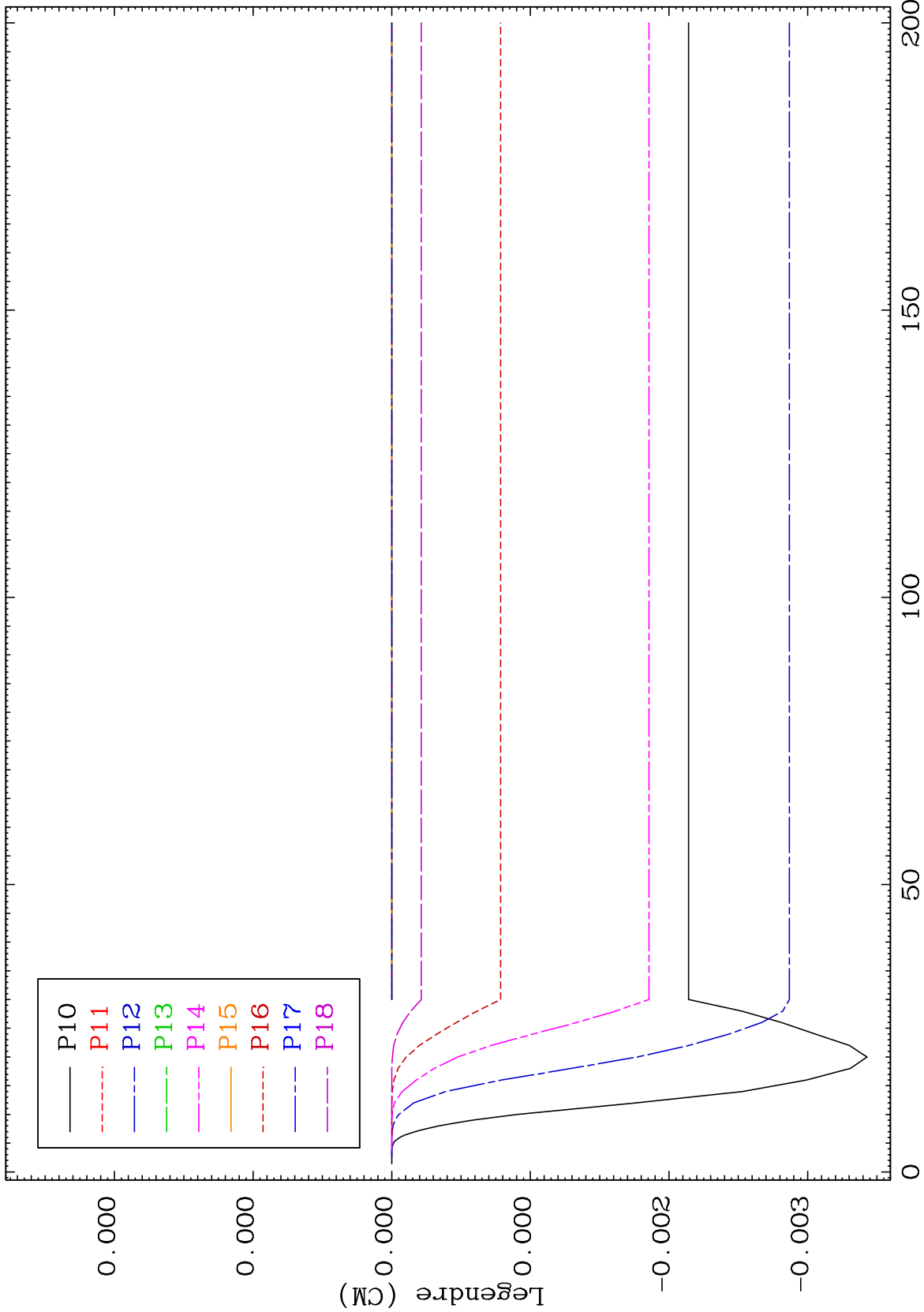




MAT 6340

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

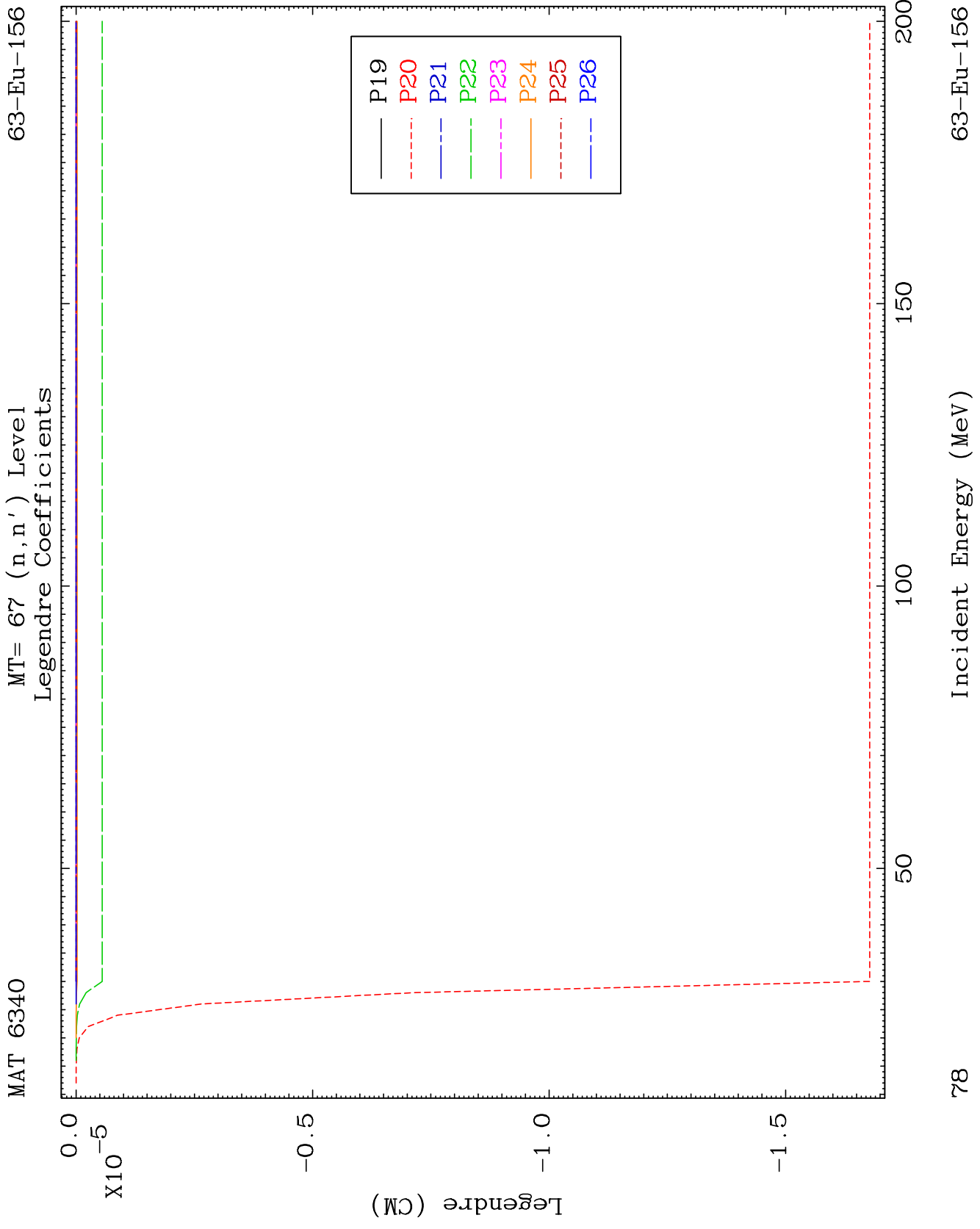
63-Eu-156



77

Incident Energy (MeV)

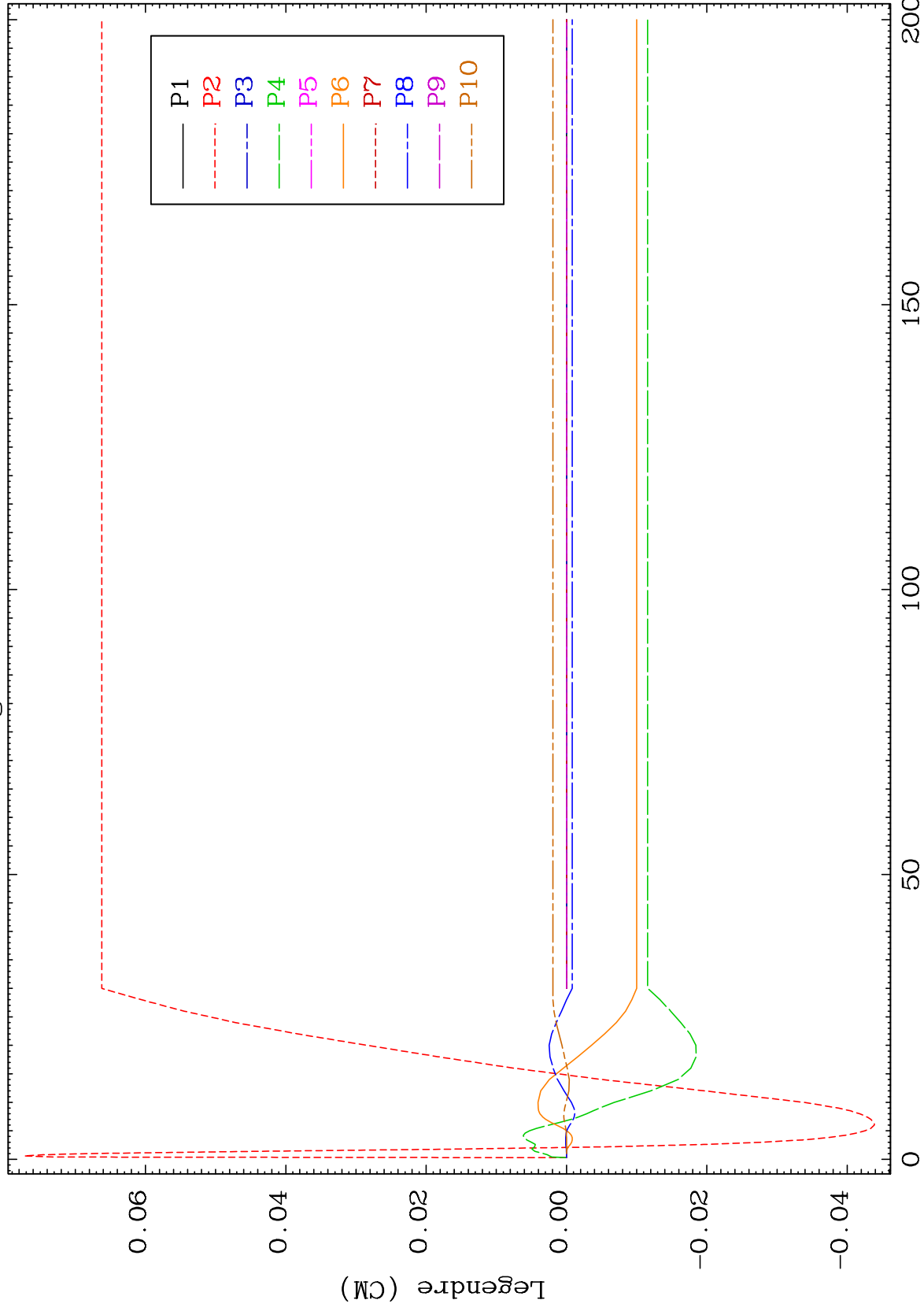
63-Eu-156



MAT 6340

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

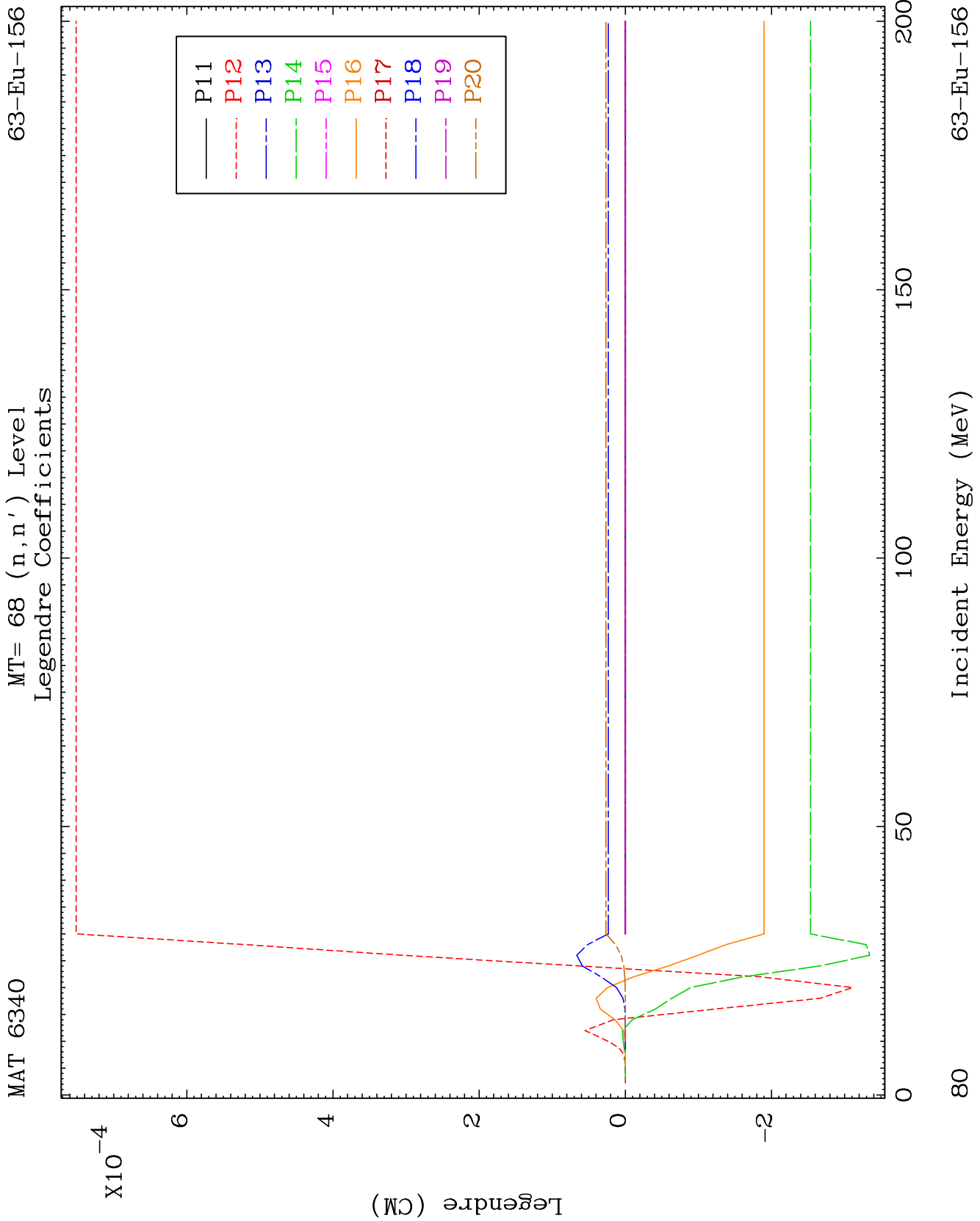
63-Eu-156

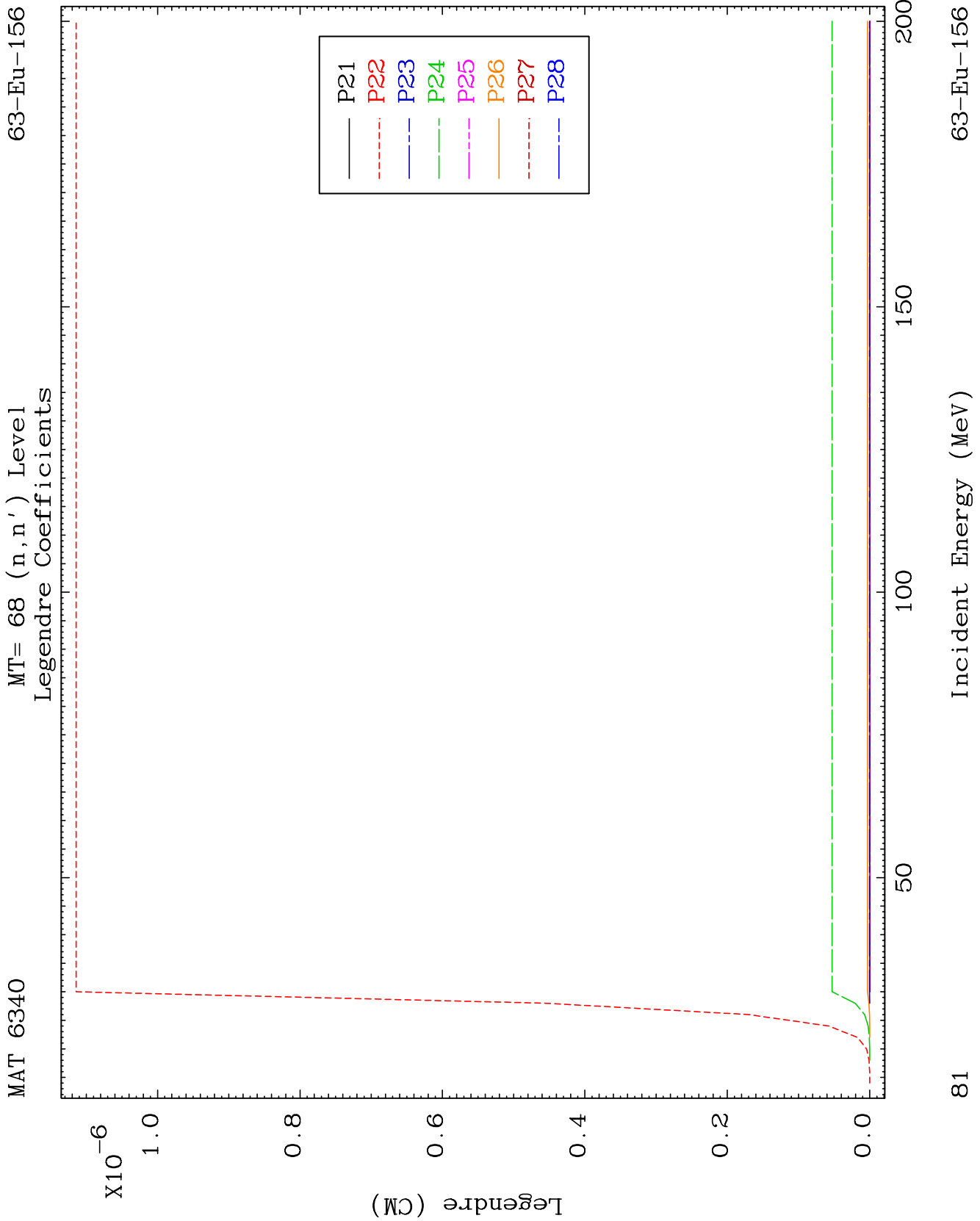


79

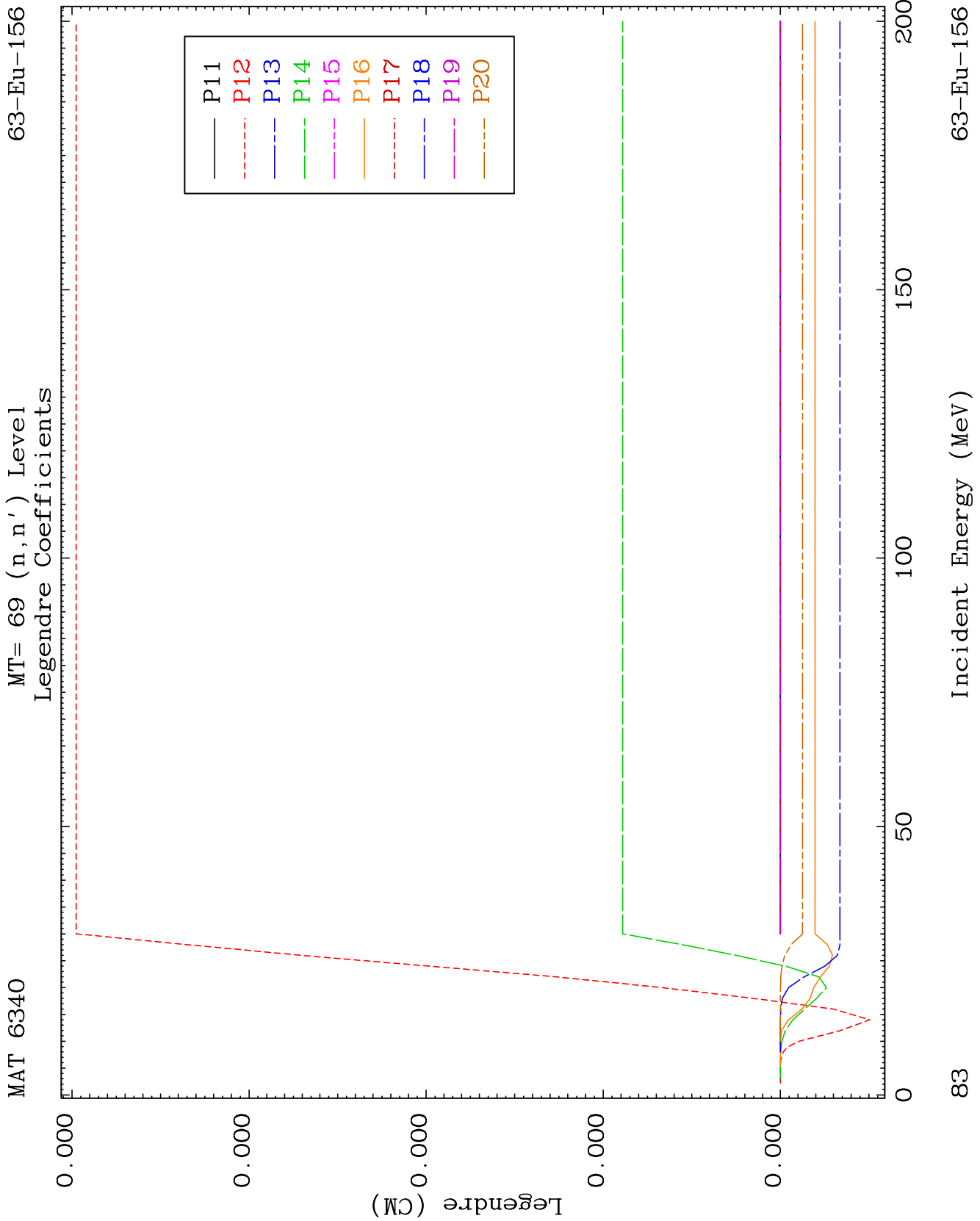
63-Eu-156

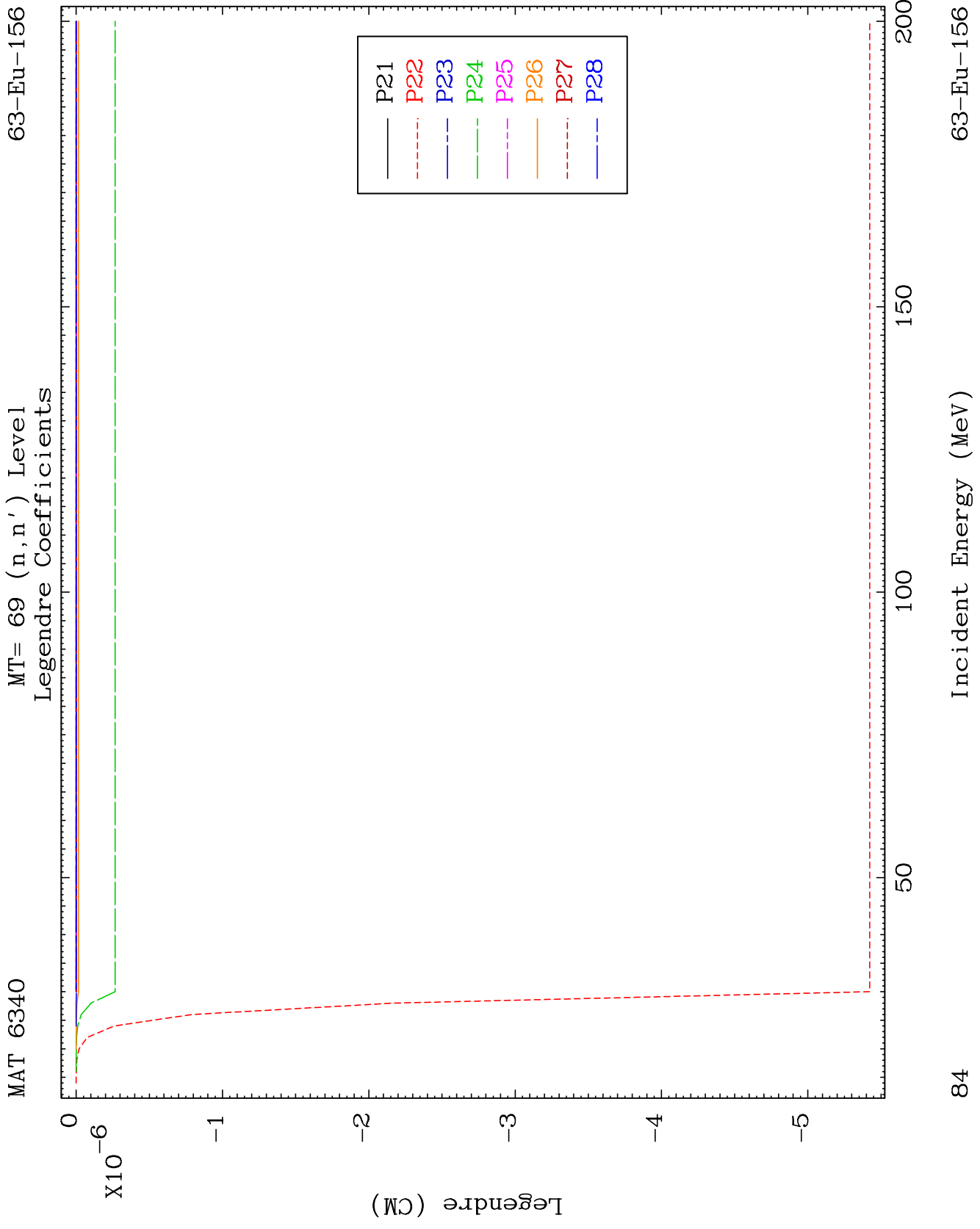








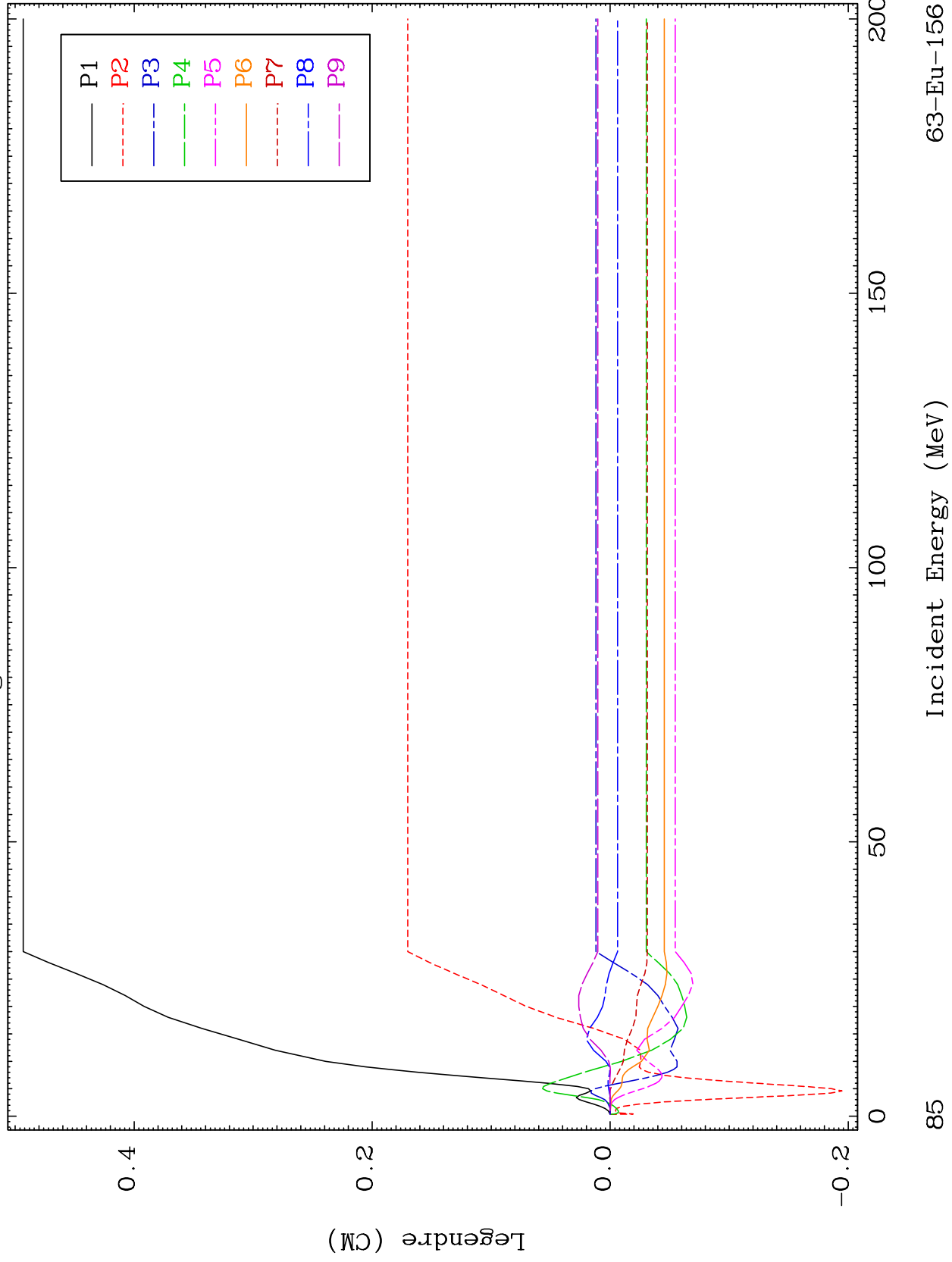




MAT 6340

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

63-Eu-156



63-Eu-156

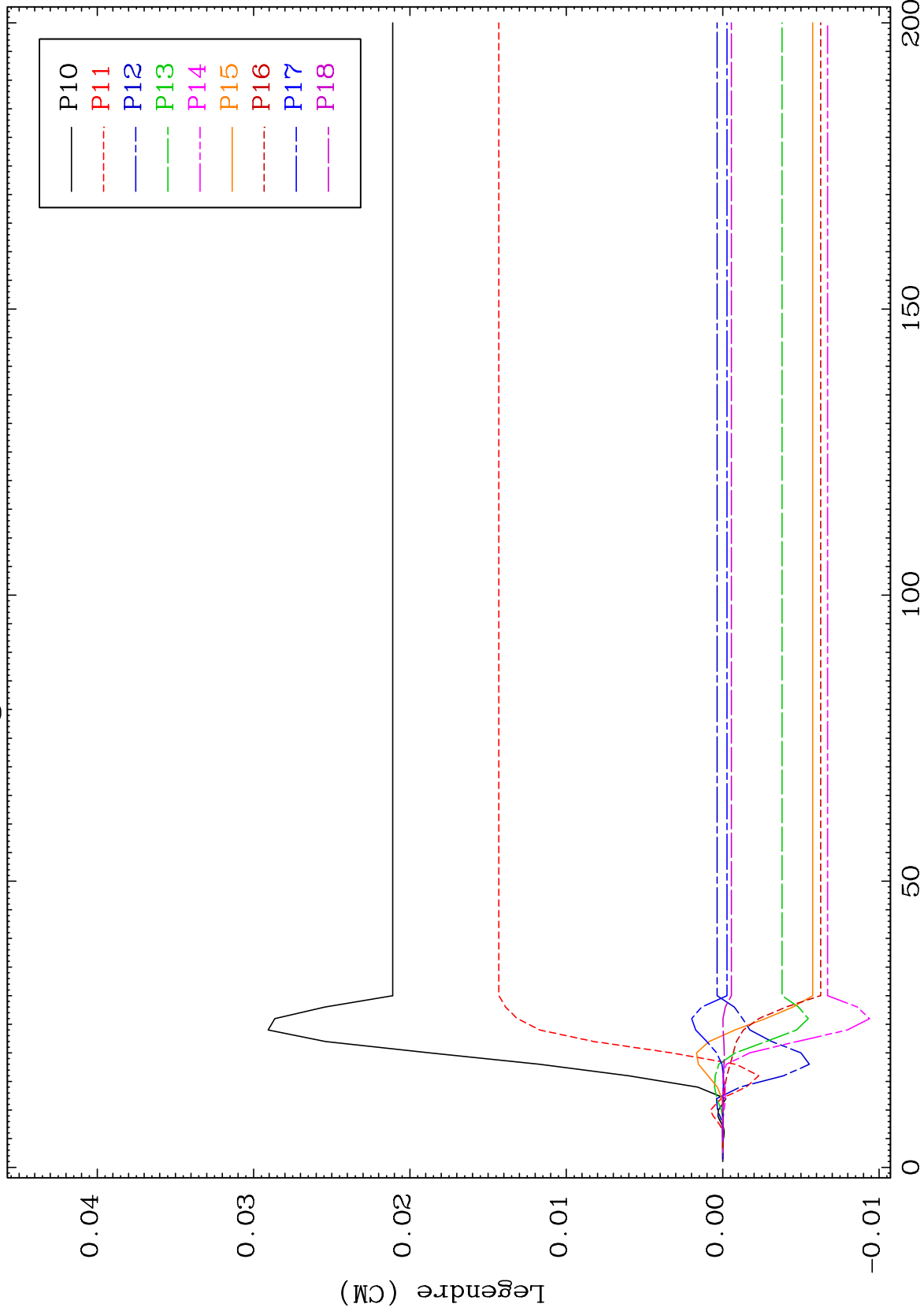
Incident Energy (MeV)

85

MAT 6340

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

63-Eu-156



86

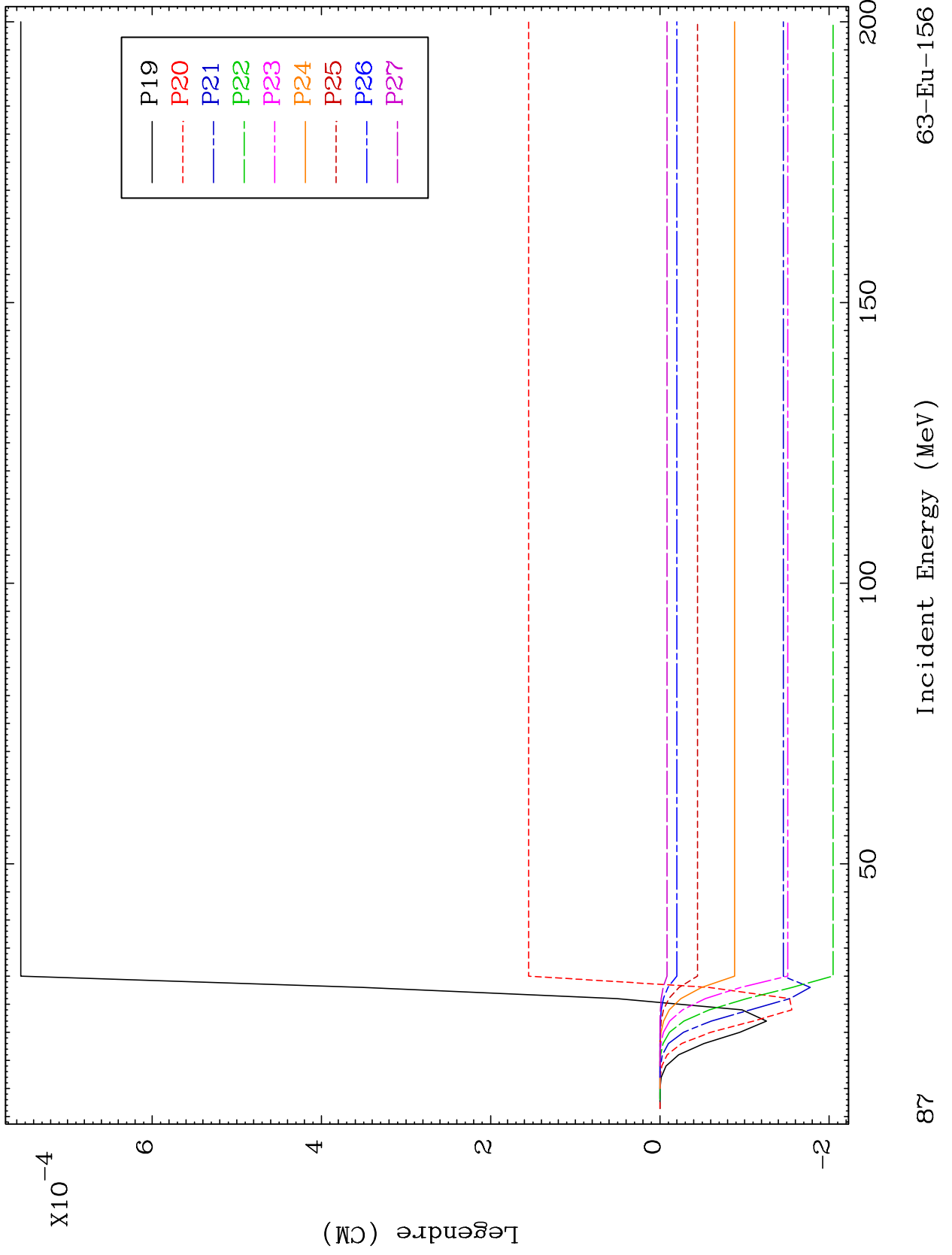
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156

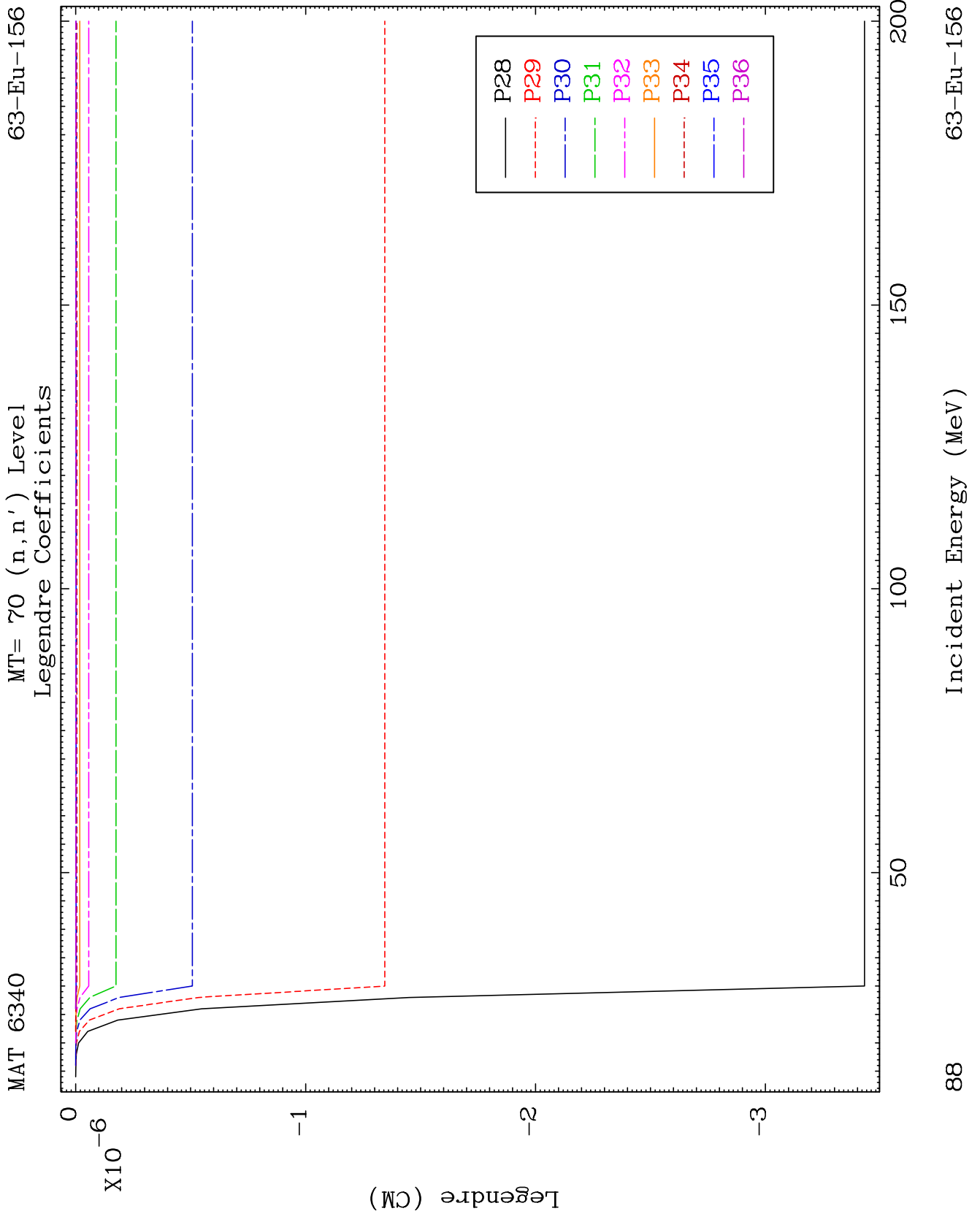


87

Incident Energy (MeV)

63-Eu-156



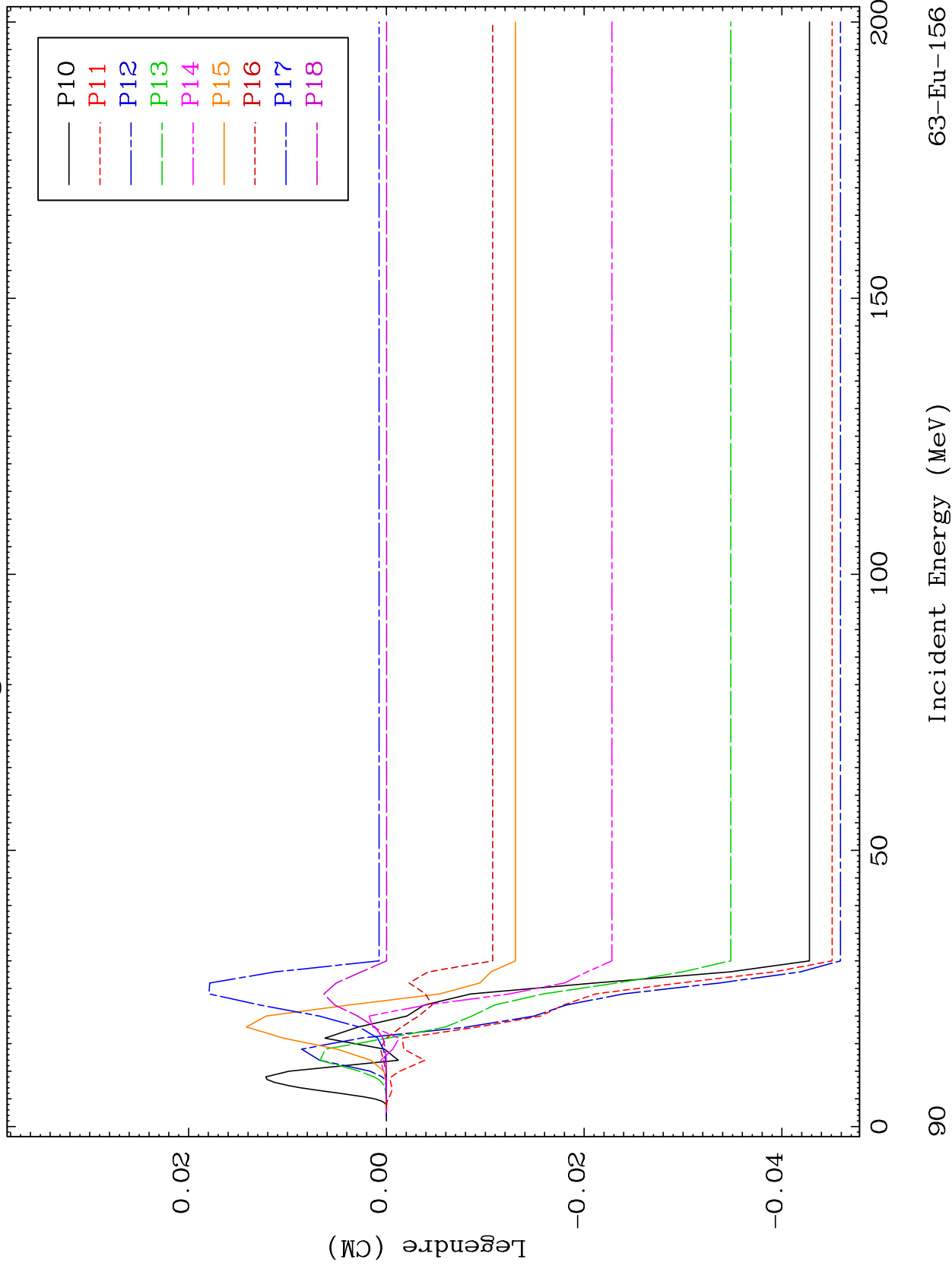




MAT 6340

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

63-Eu-156



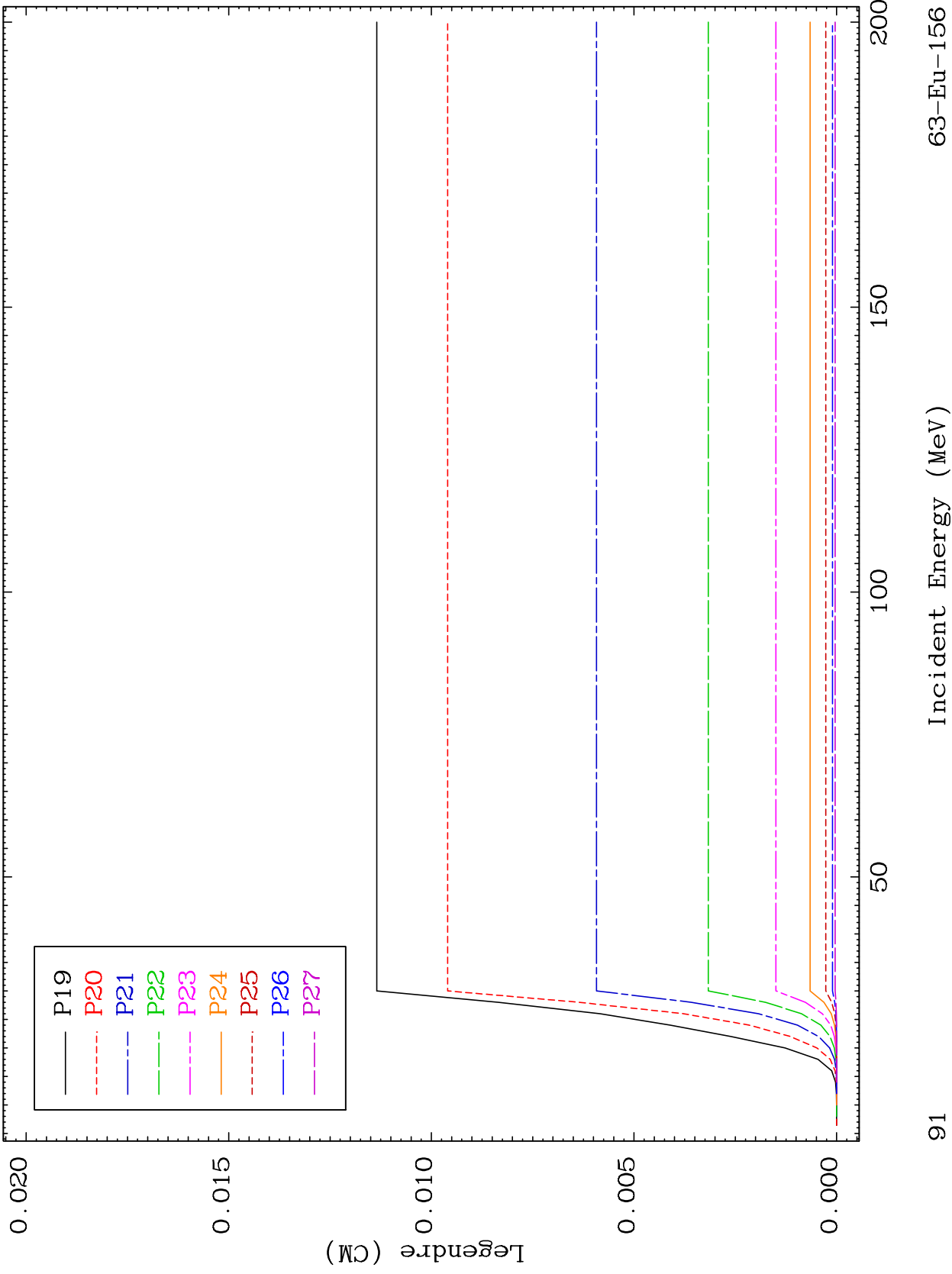
63-Eu-156

Incident Energy (MeV)

MAT 6340

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

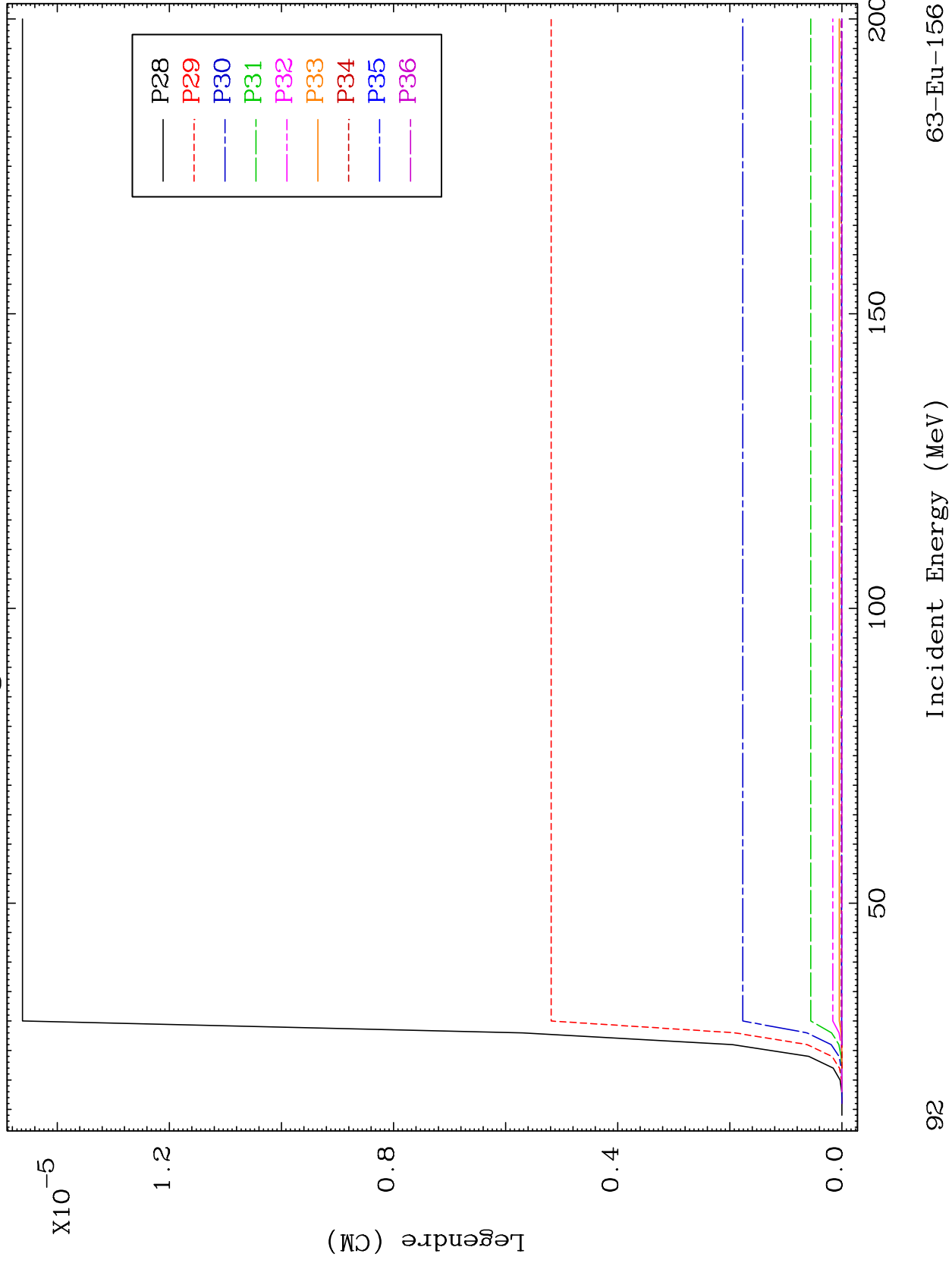
63-Eu-156



MAT 6340

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

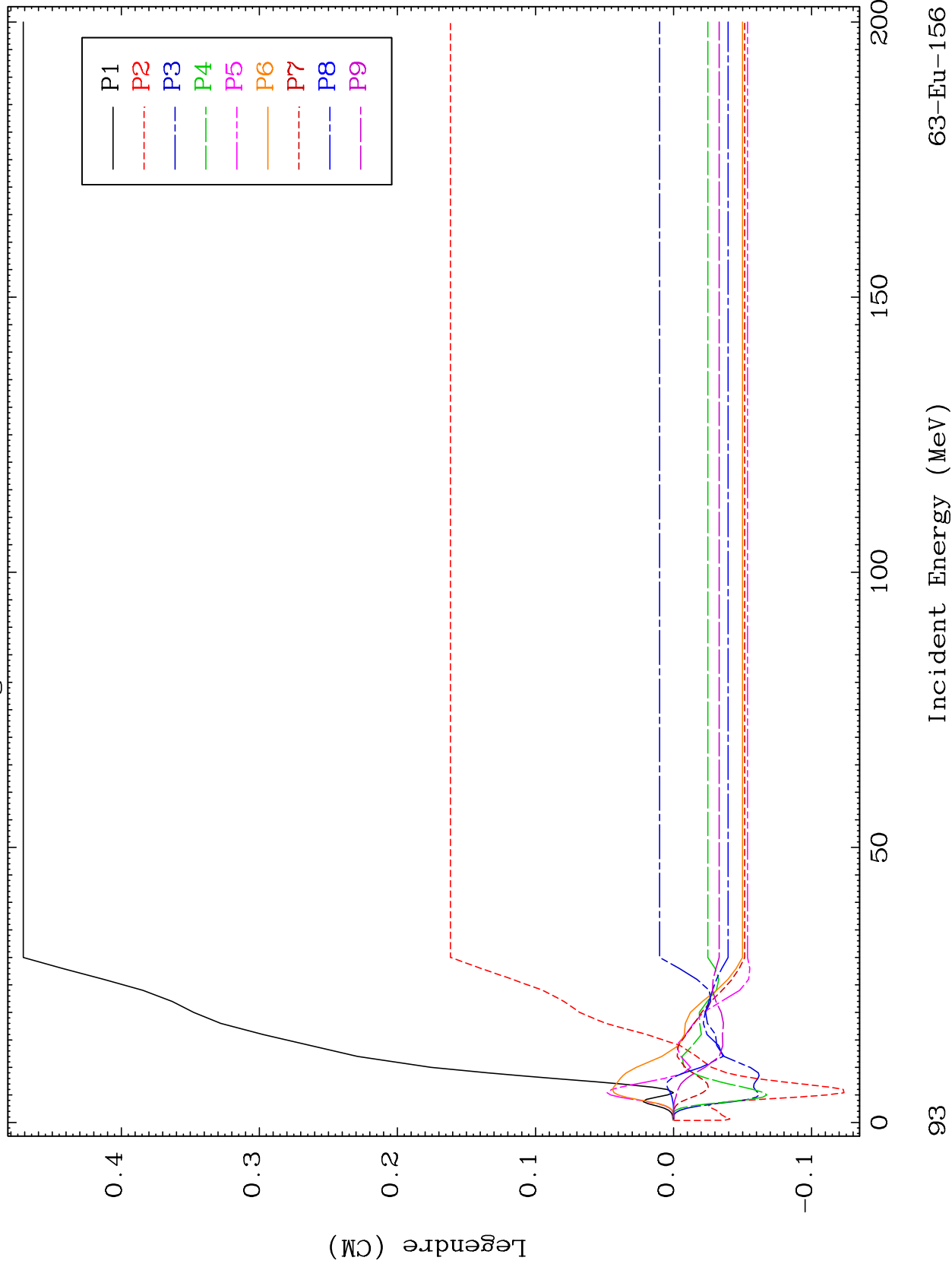
63-Eu-156



MAT 6340

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

63-Eu-156



63-Eu-156

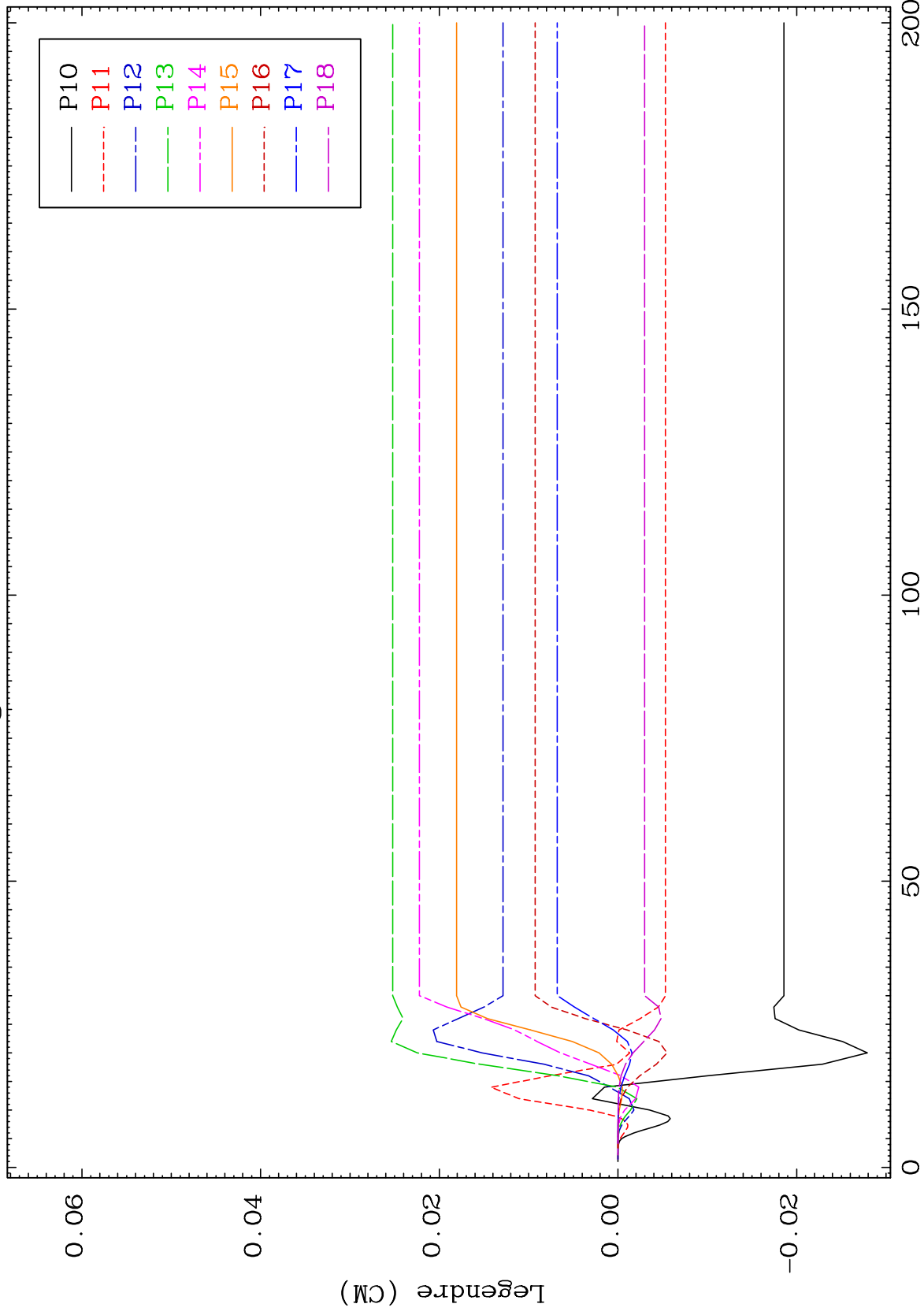
Incident Energy (MeV)

93

MAT 6340

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

63-Eu-156



94

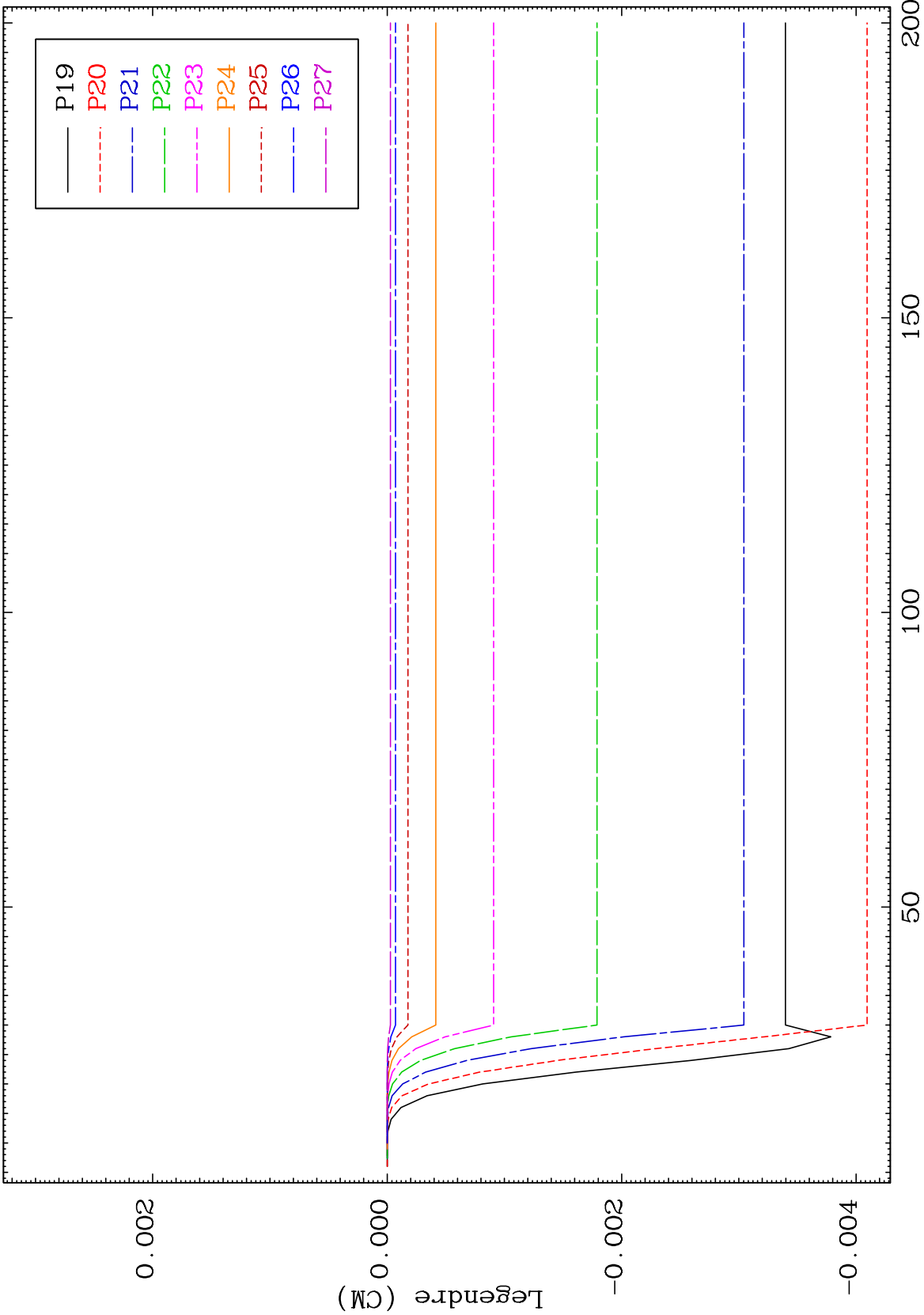
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156

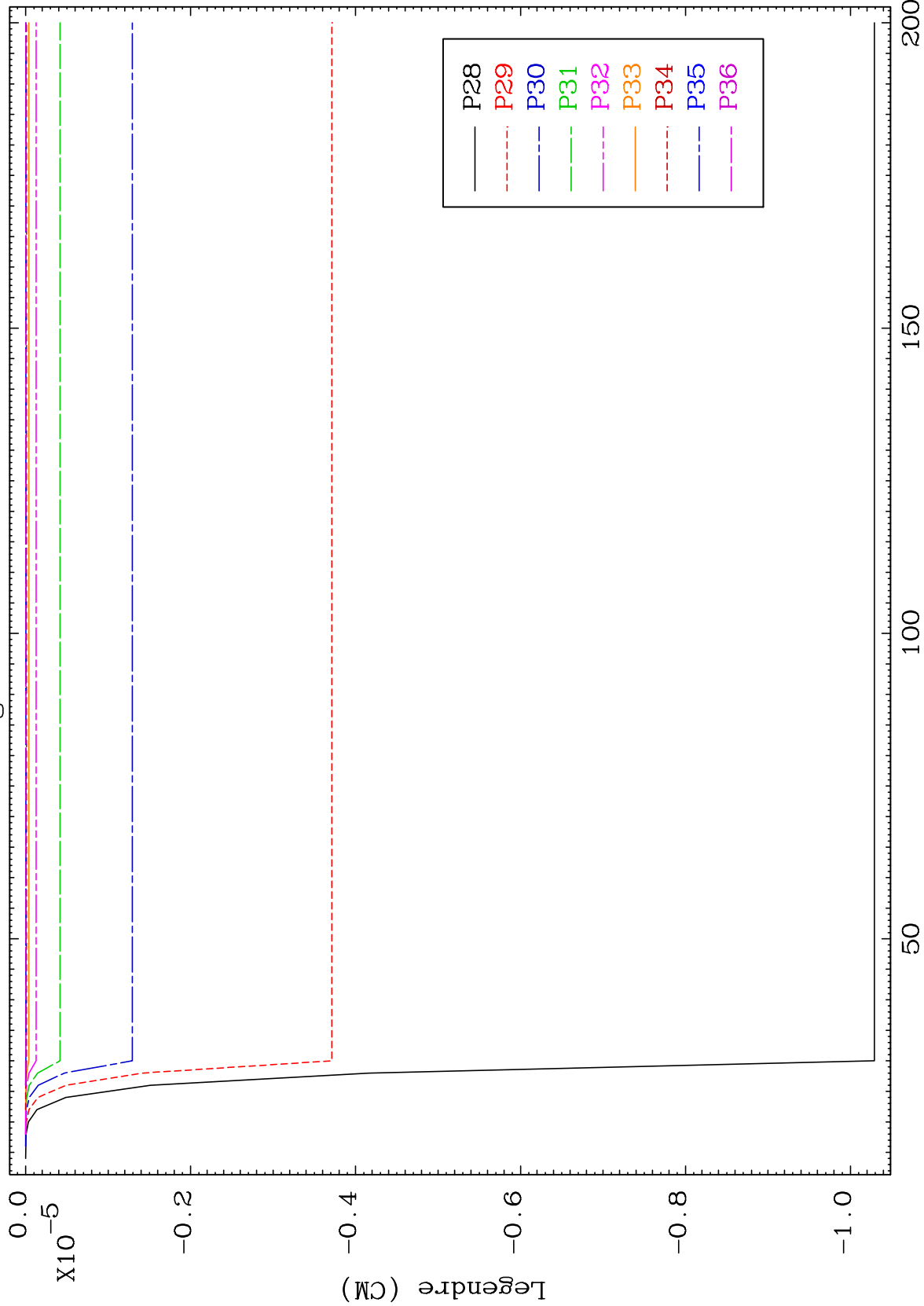


95

Incident Energy (MeV)

63-Eu-156

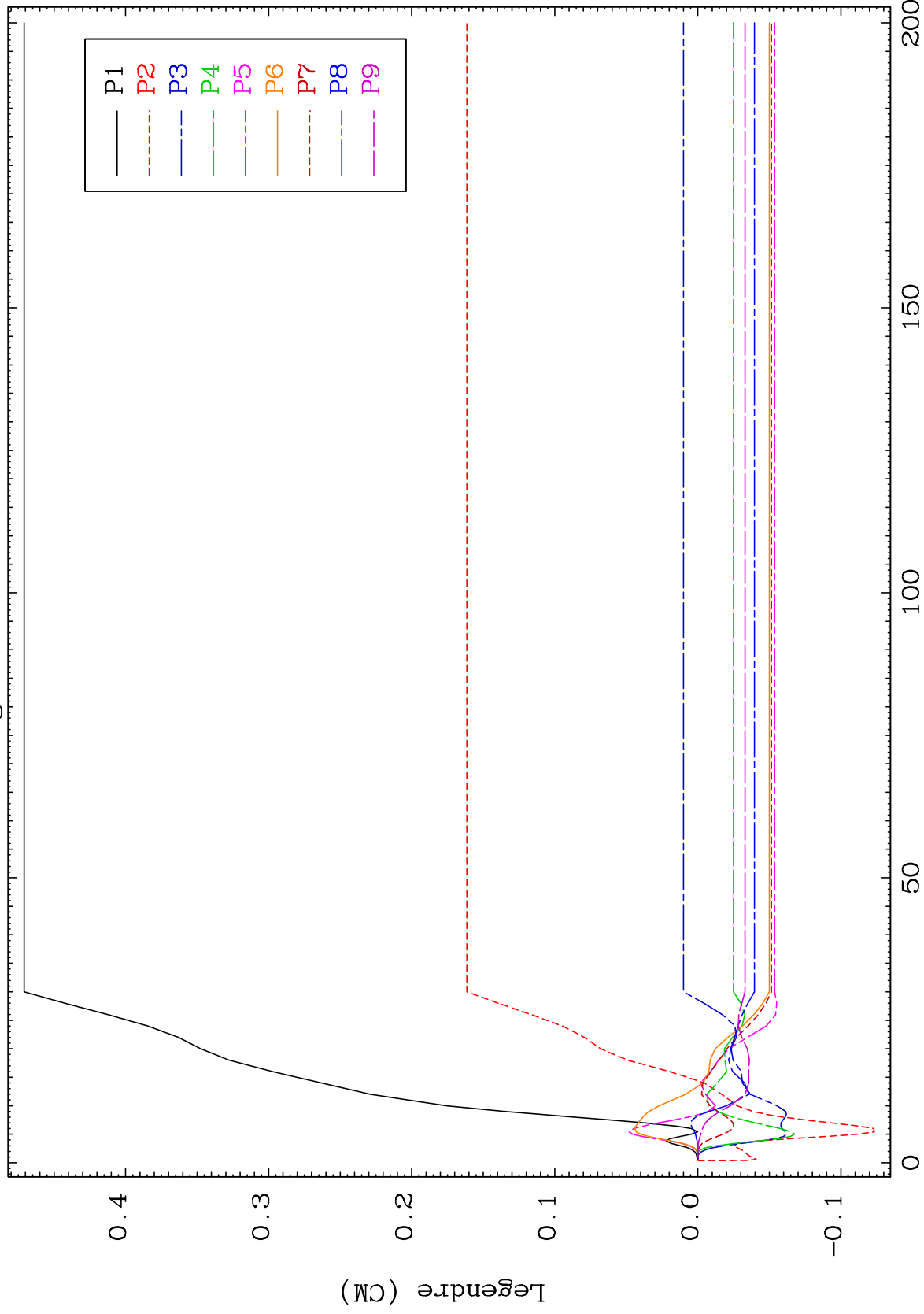




MAT 6340

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

63-Eu-156



97

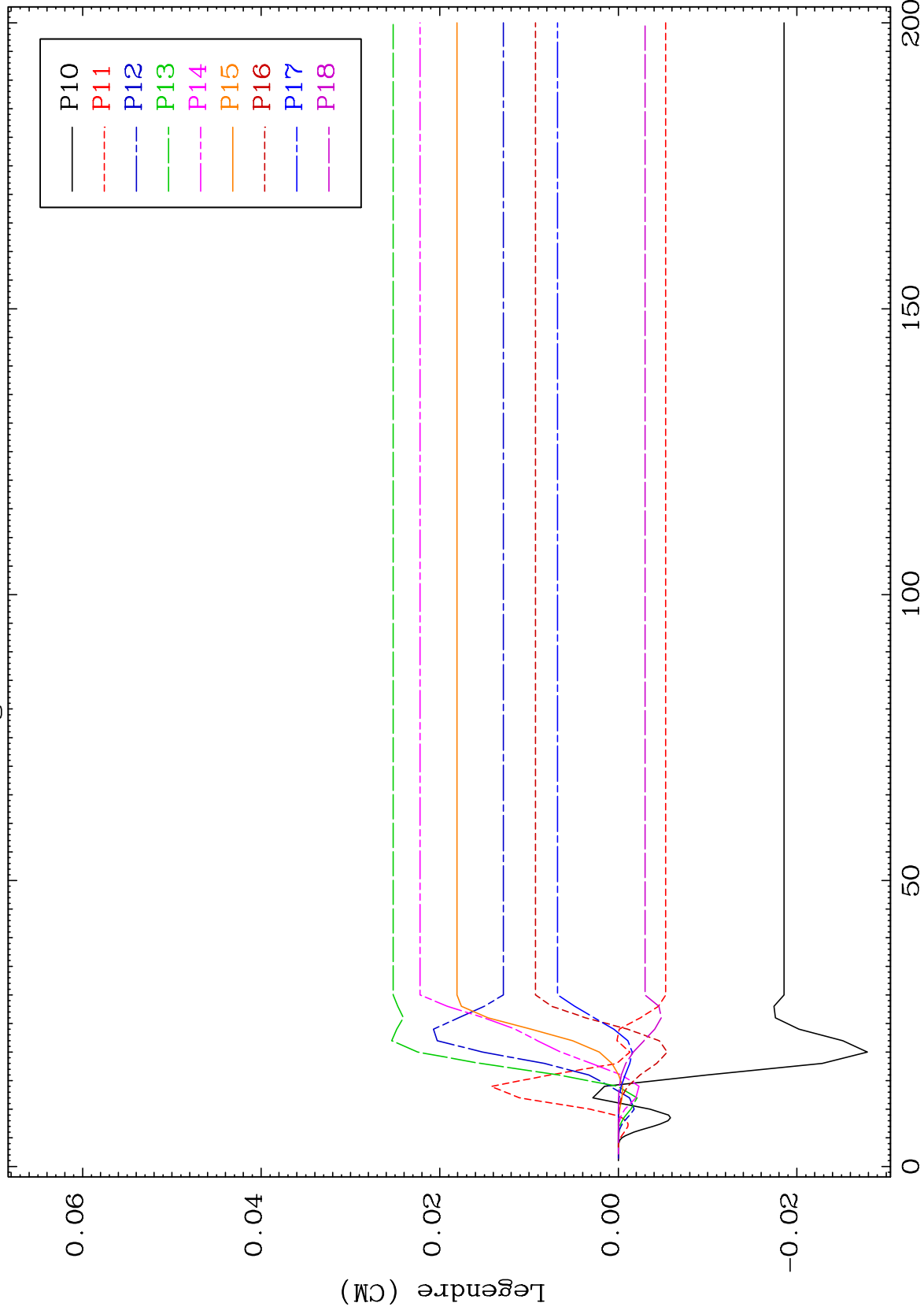
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



98

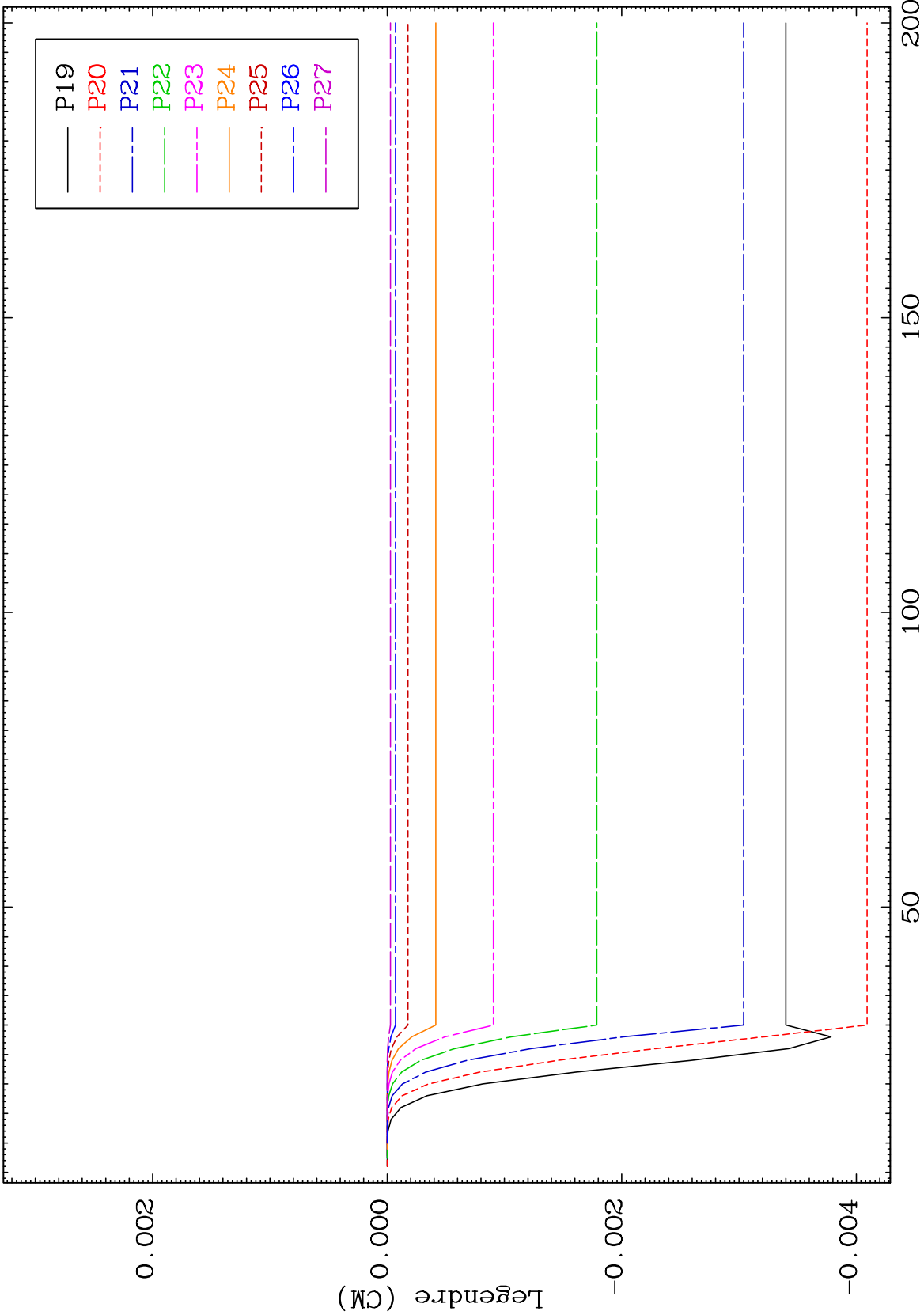
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

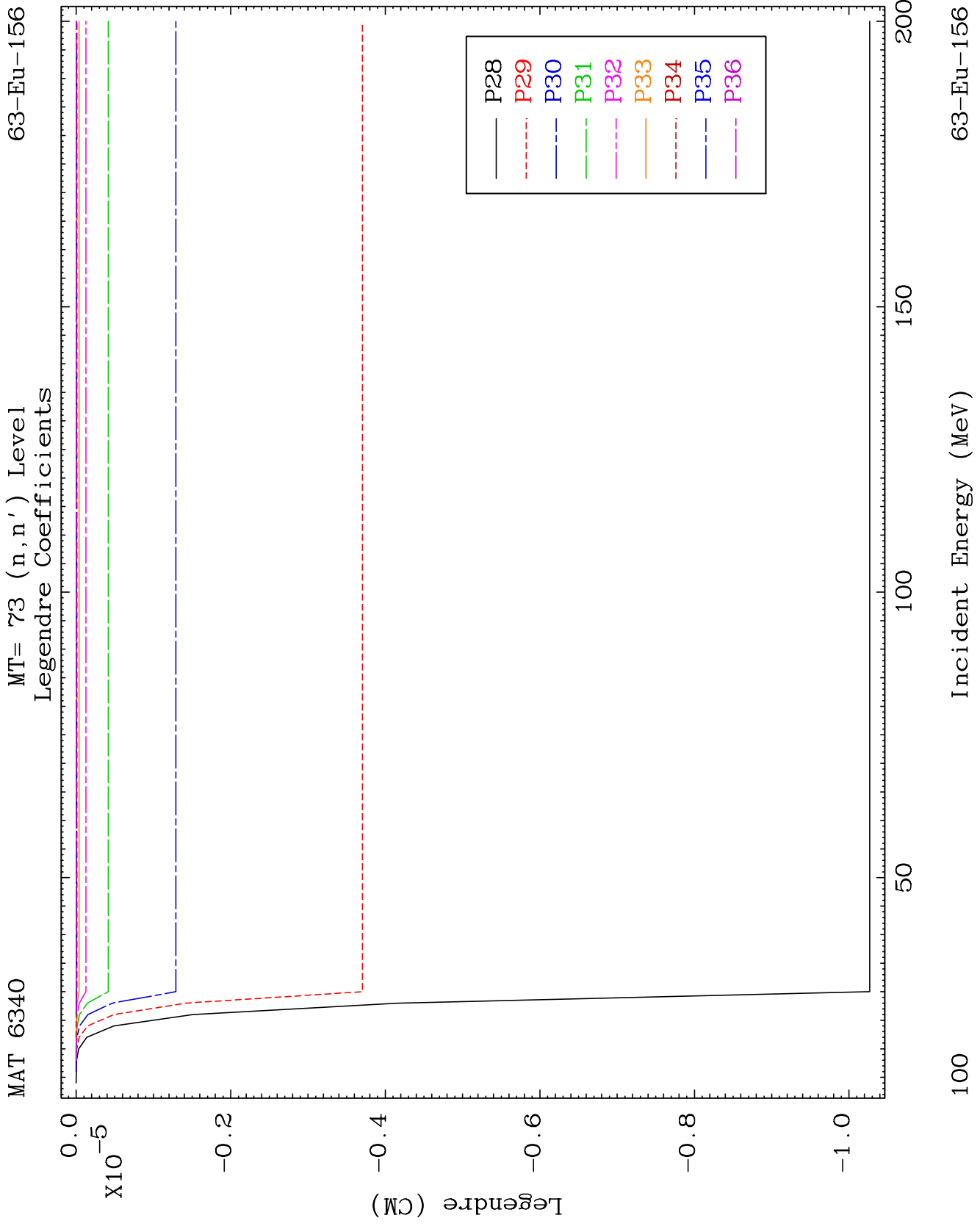
63-Eu-156



99

Incident Energy (MeV)

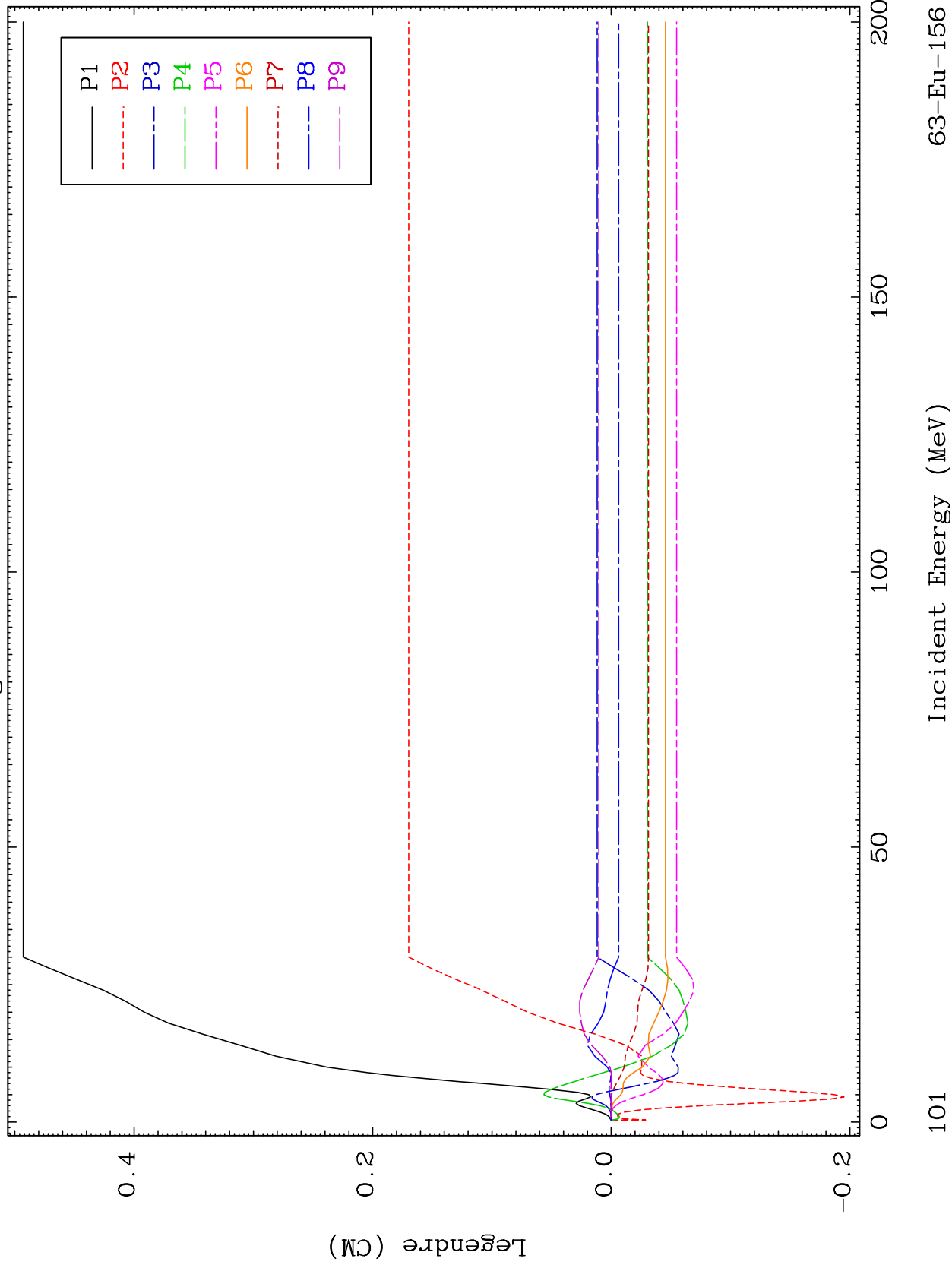
63-Eu-156



MAT 6340

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

63-Eu-156



63-Eu-156

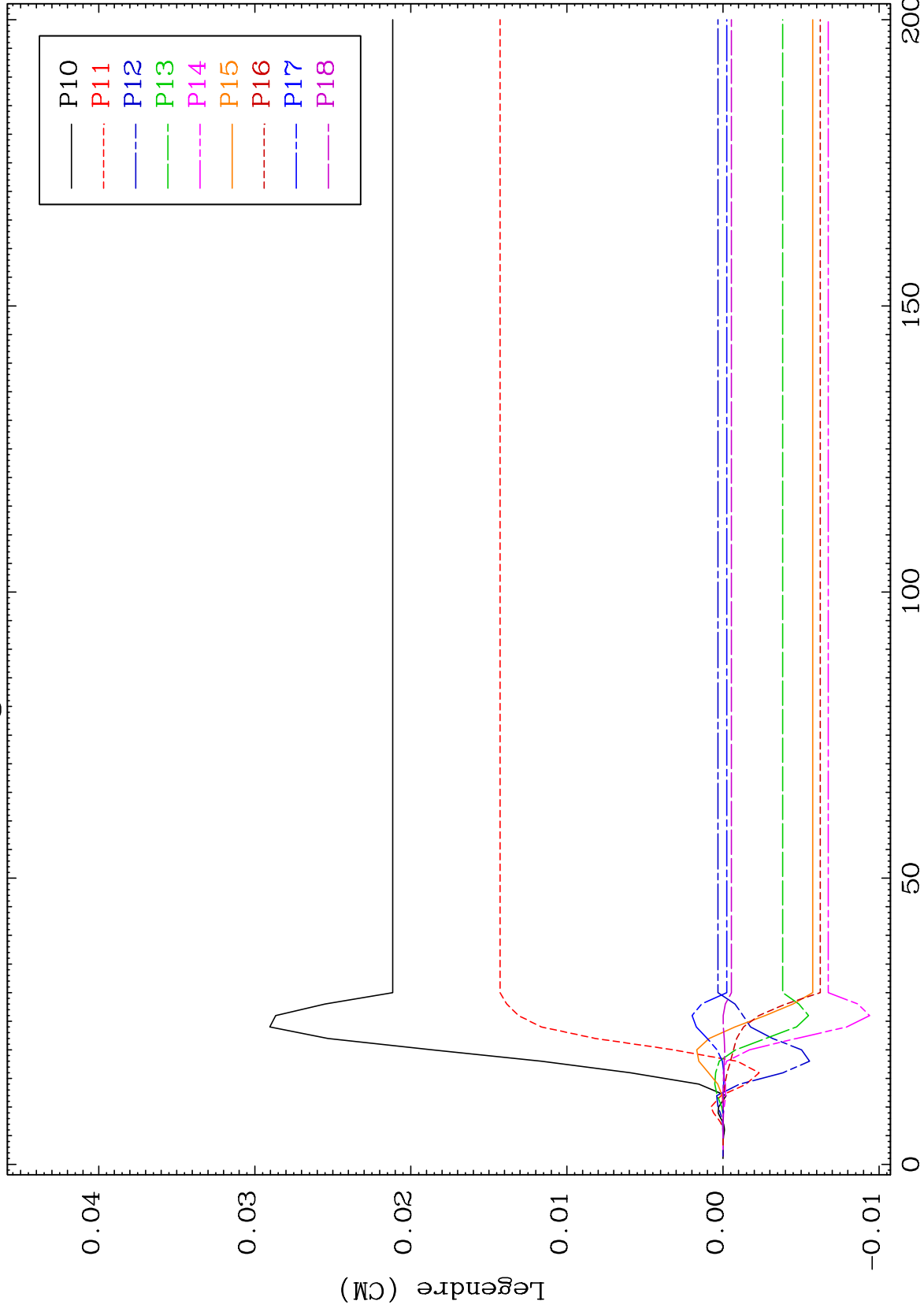
Incident Energy (MeV)

101

MAT 6340

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

63-Eu-156



102

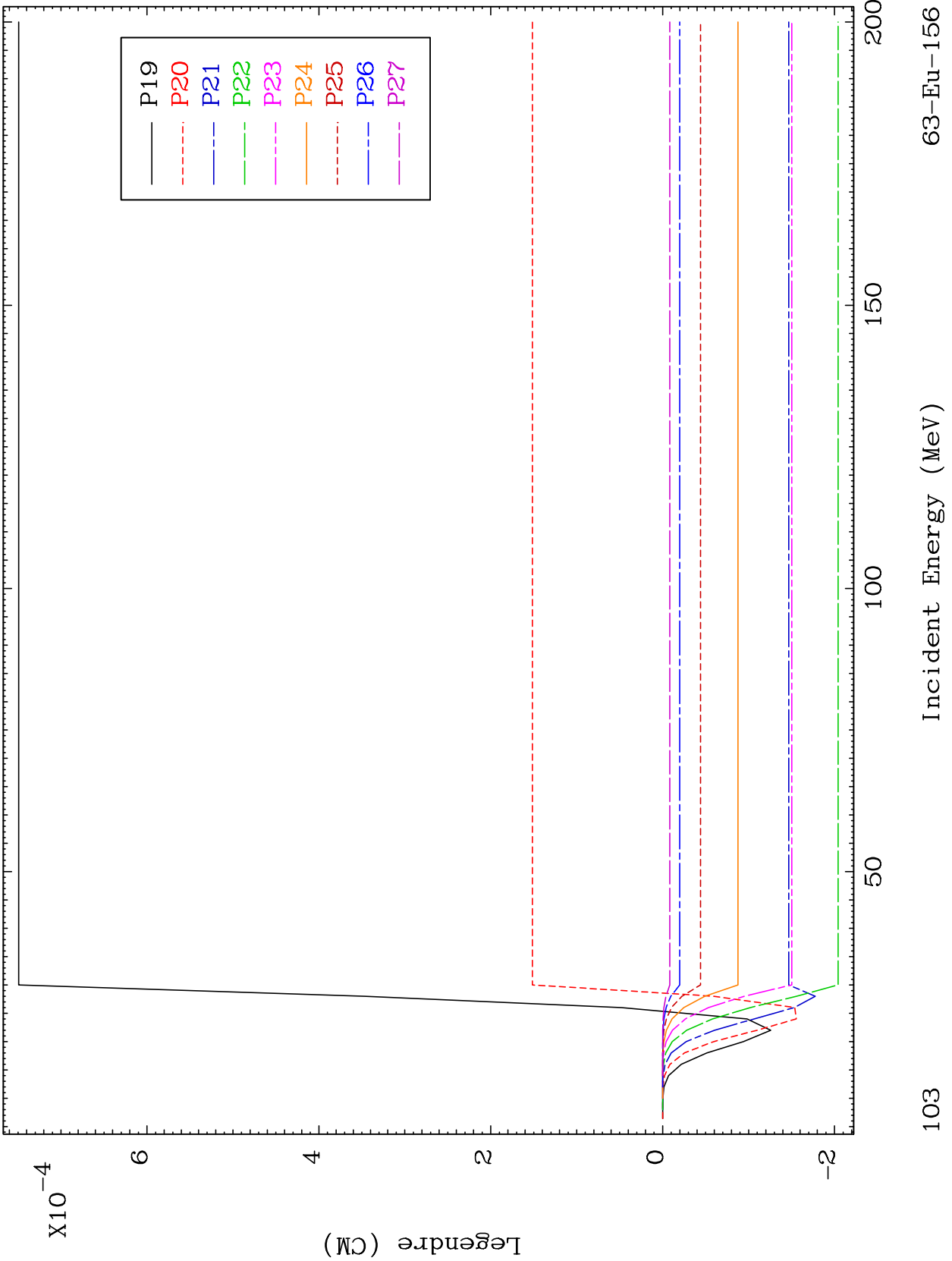
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

63-Eu-156



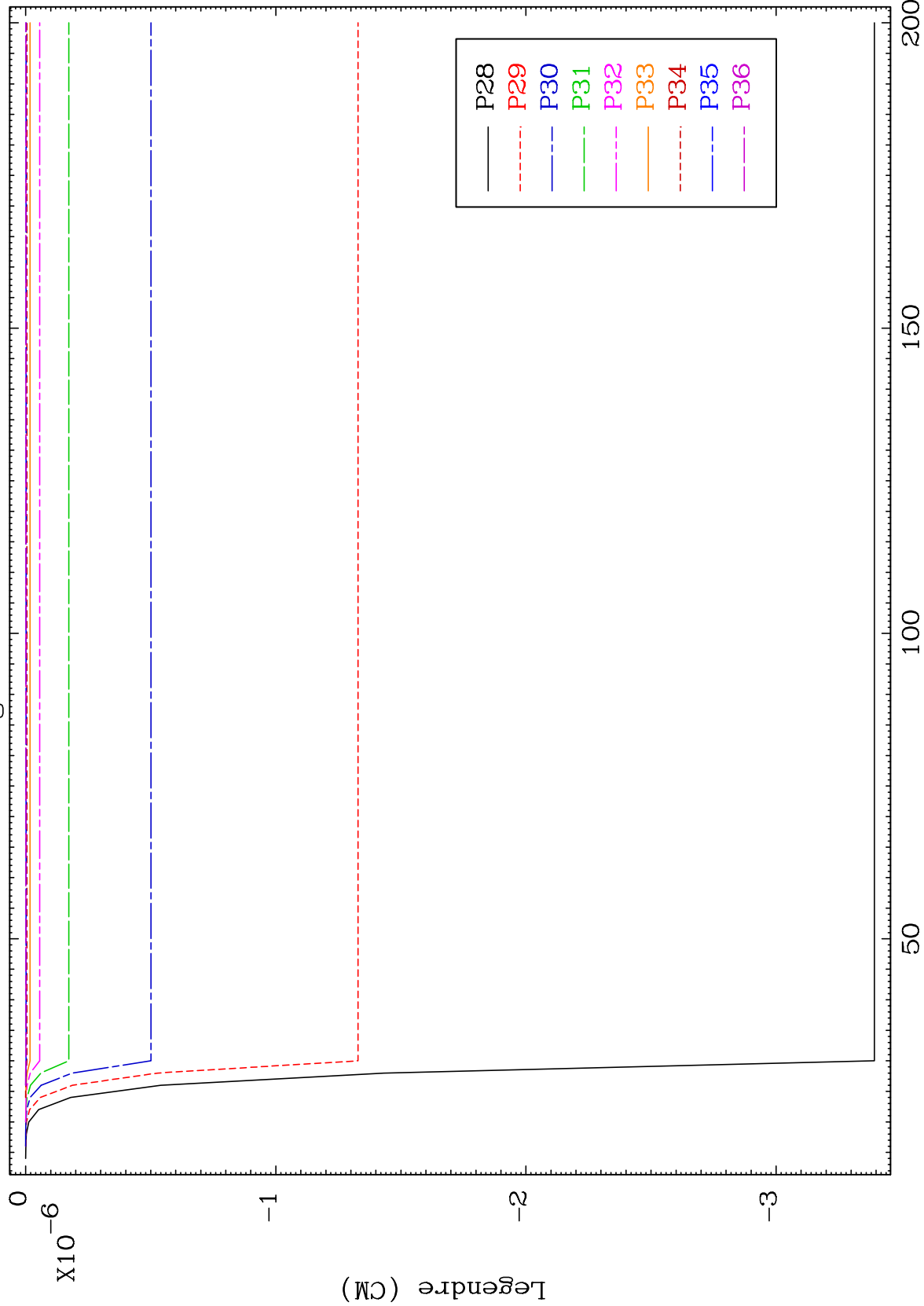


MAT 6340

MT= 74 (n,n') Level

63-Eu-156

Legendre Coefficients



63-Eu-156

Incident Energy (MeV)

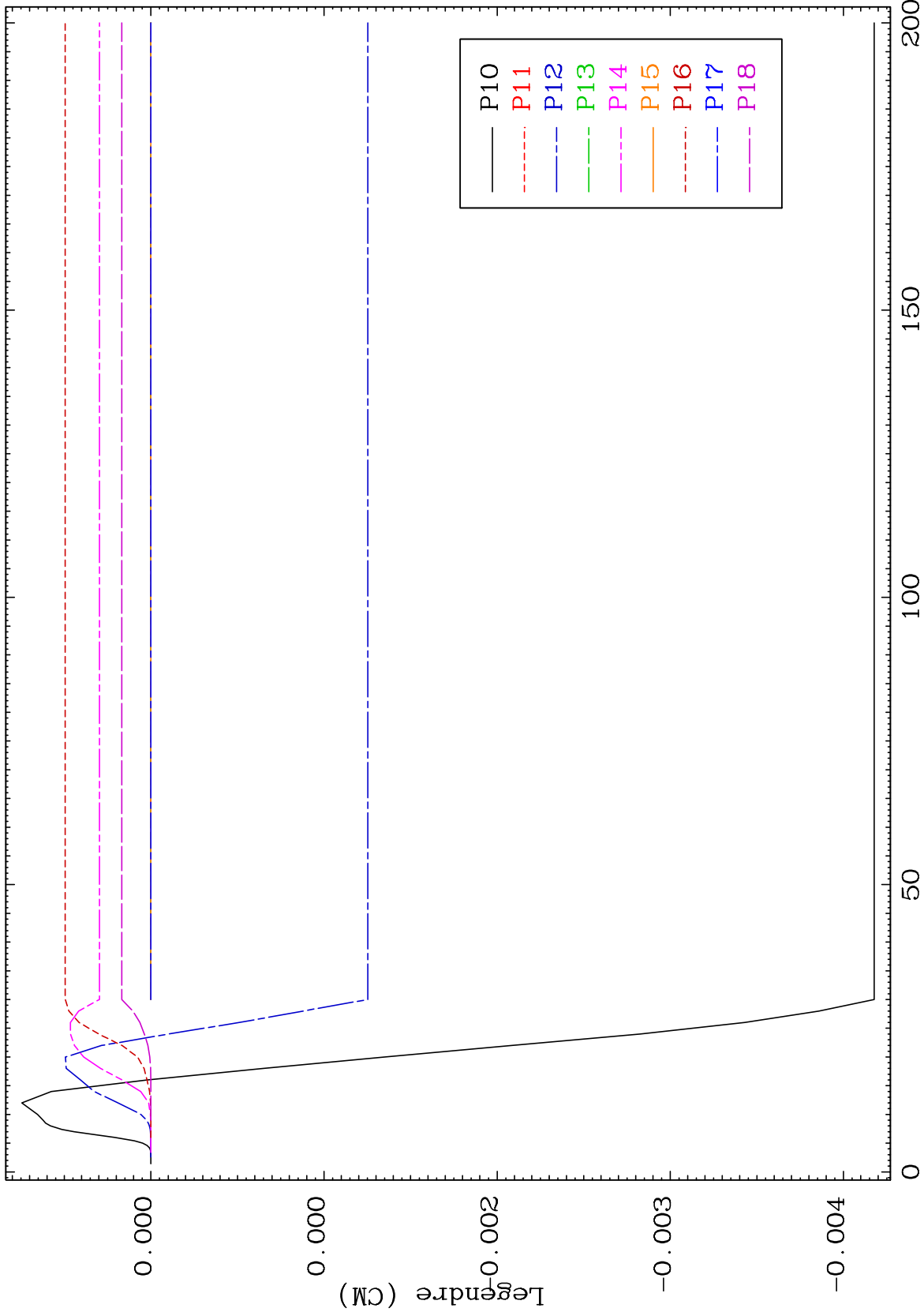
104



MAT 6340

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

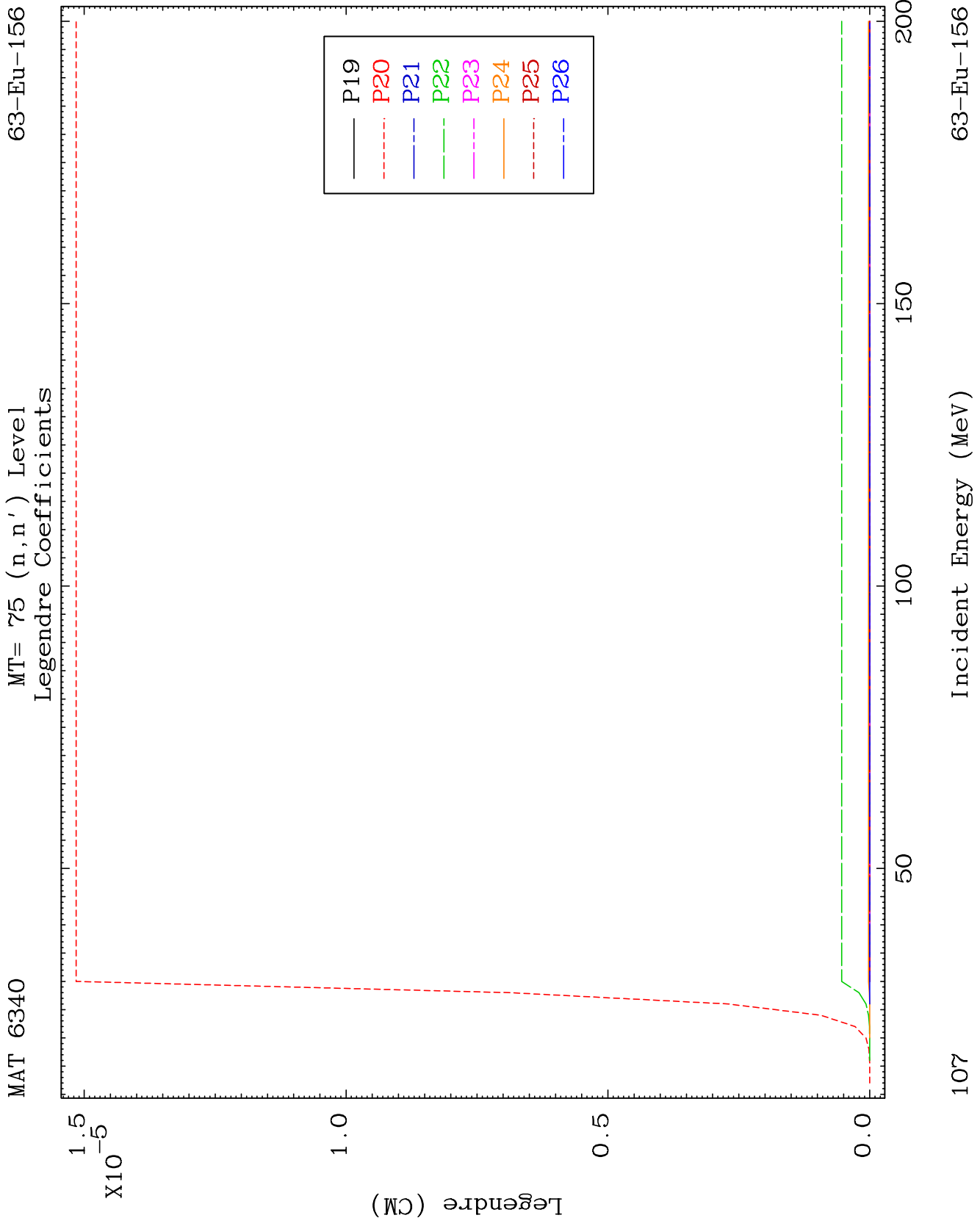
63-Eu-156

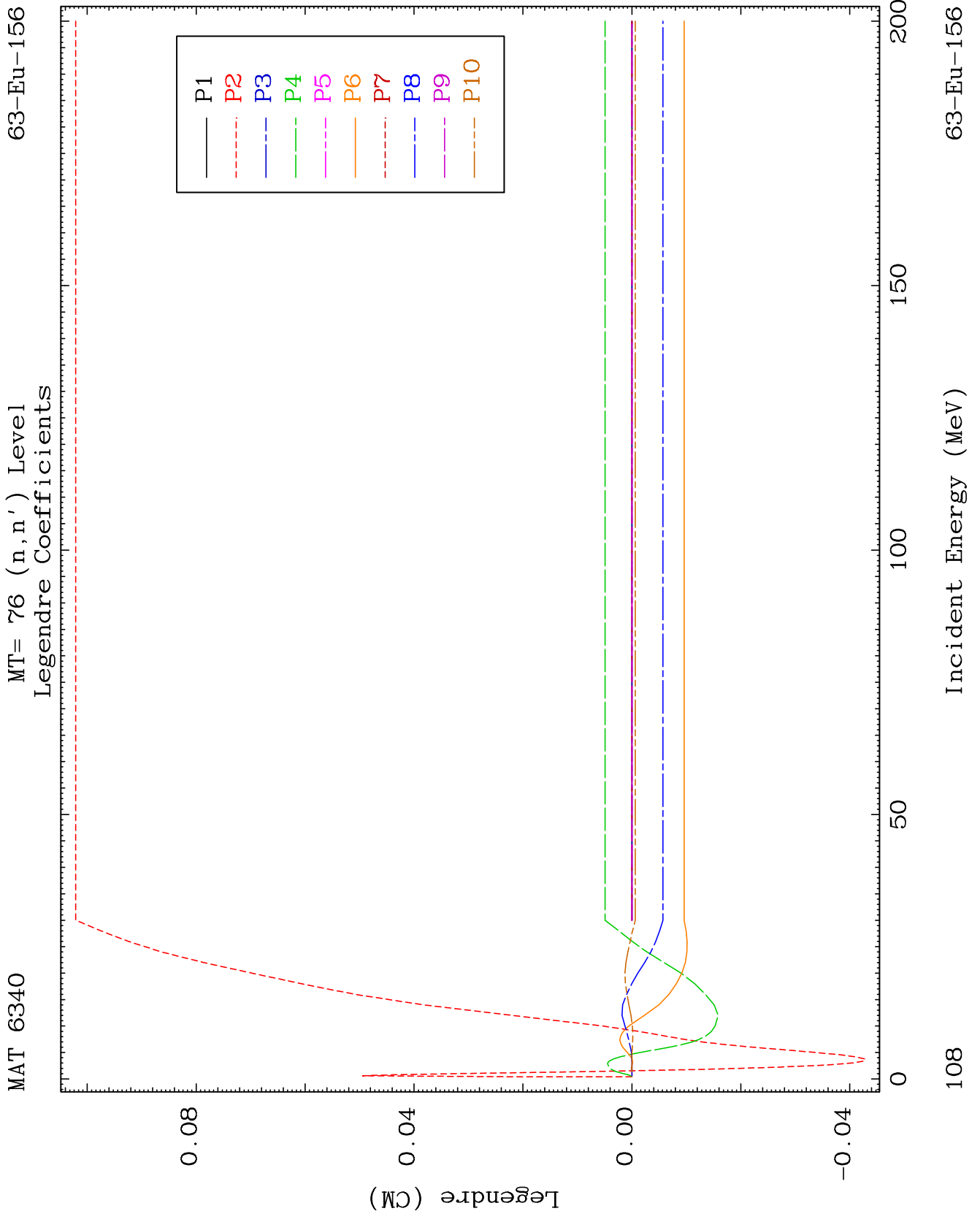


106

Incident Energy (MeV)

63-Eu-156

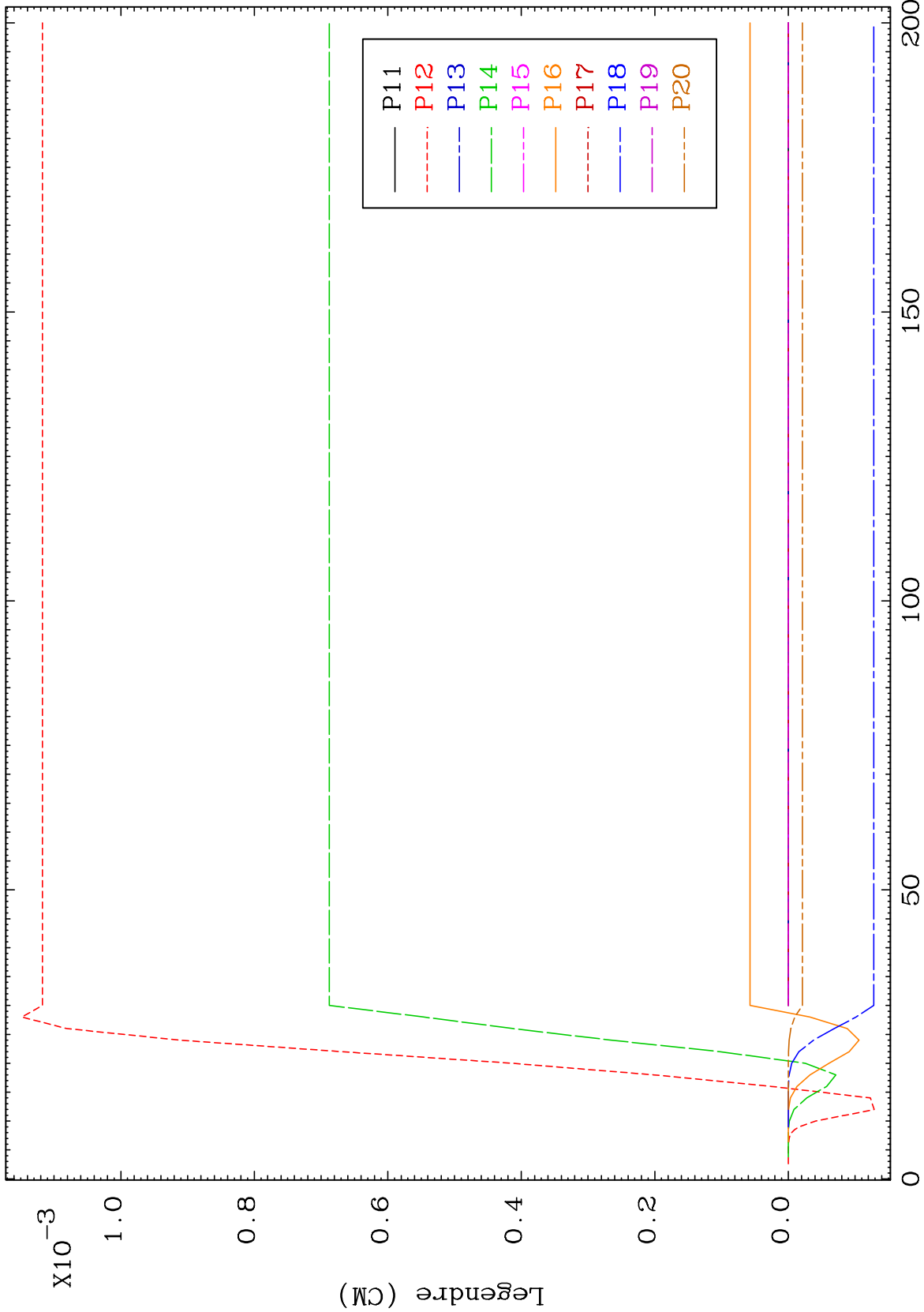




MAT 6340

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

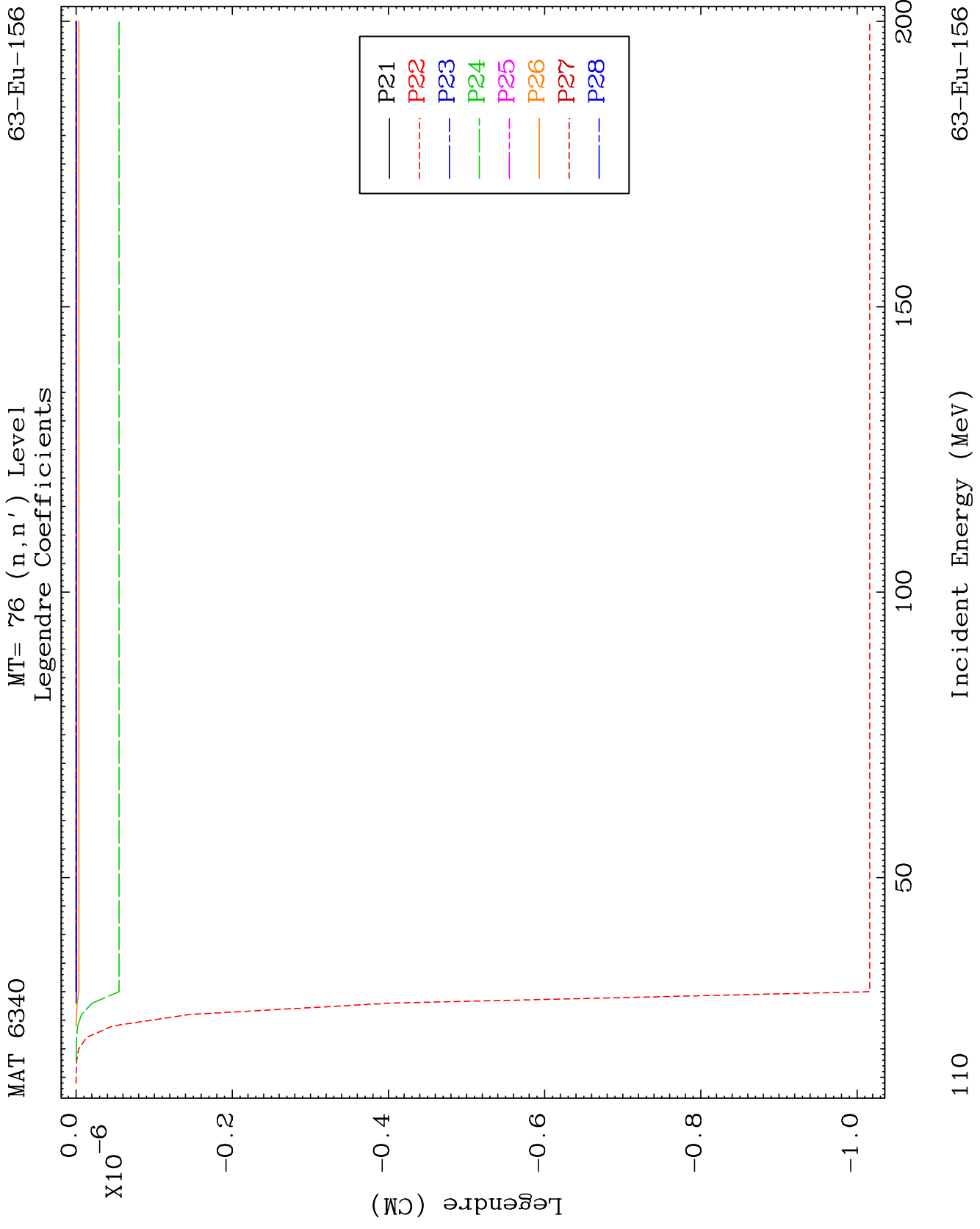
63-Eu-156



109

Incident Energy (MeV)

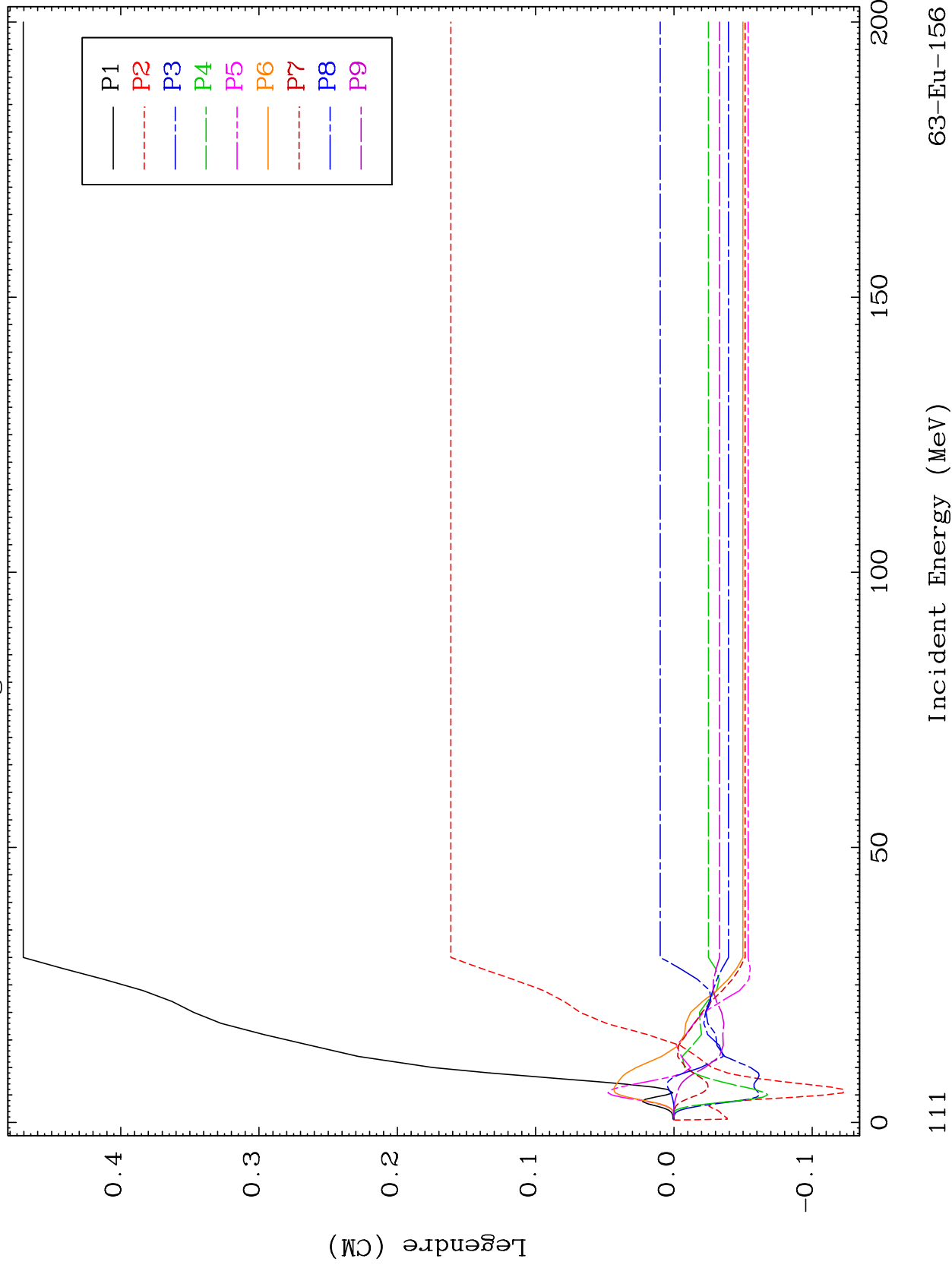
63-Eu-156



MAT 6340

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

63-Eu-156



63-Eu-156

Incident Energy (MeV)

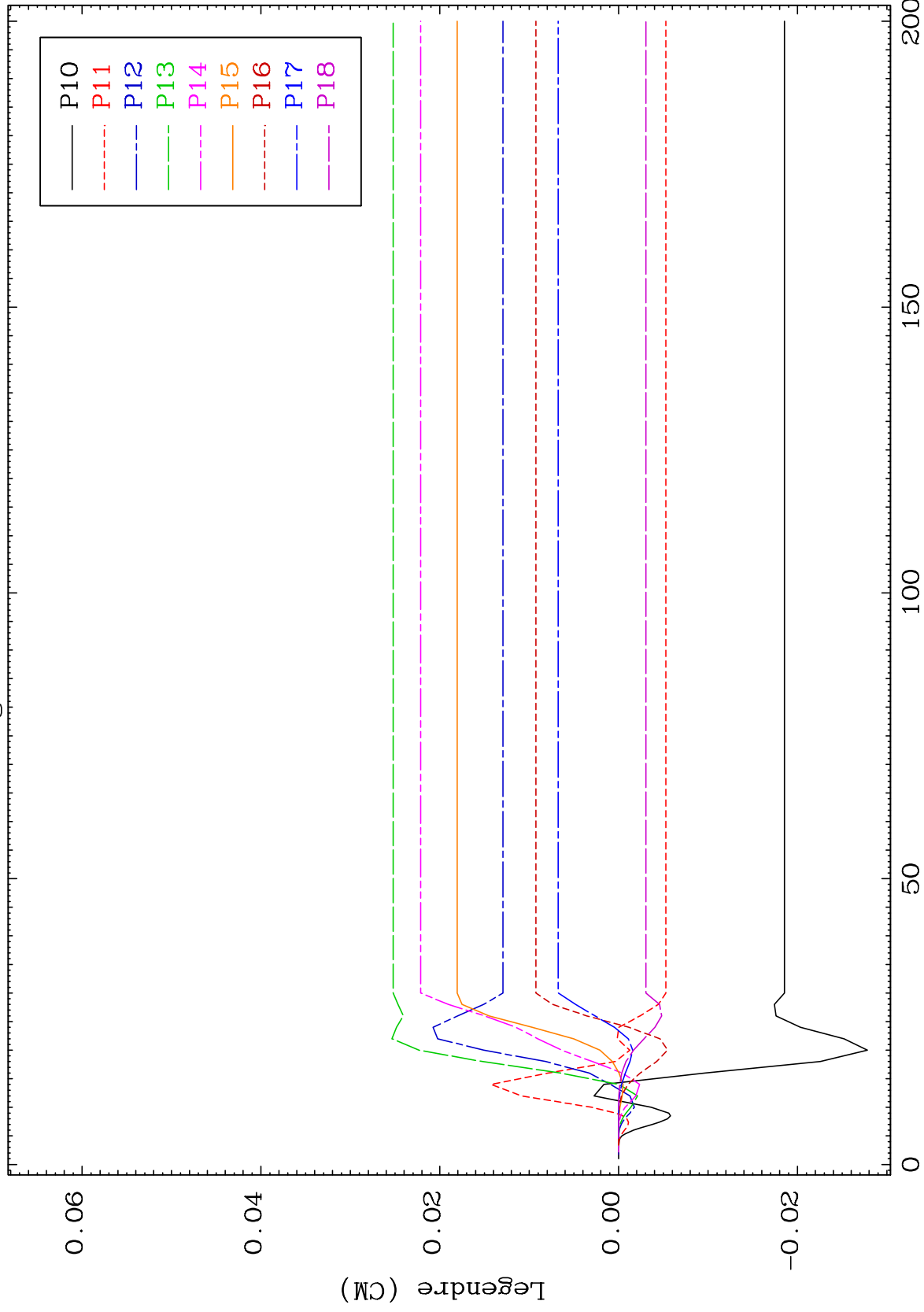
111



MAT 6340

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

63-Eu-156



112

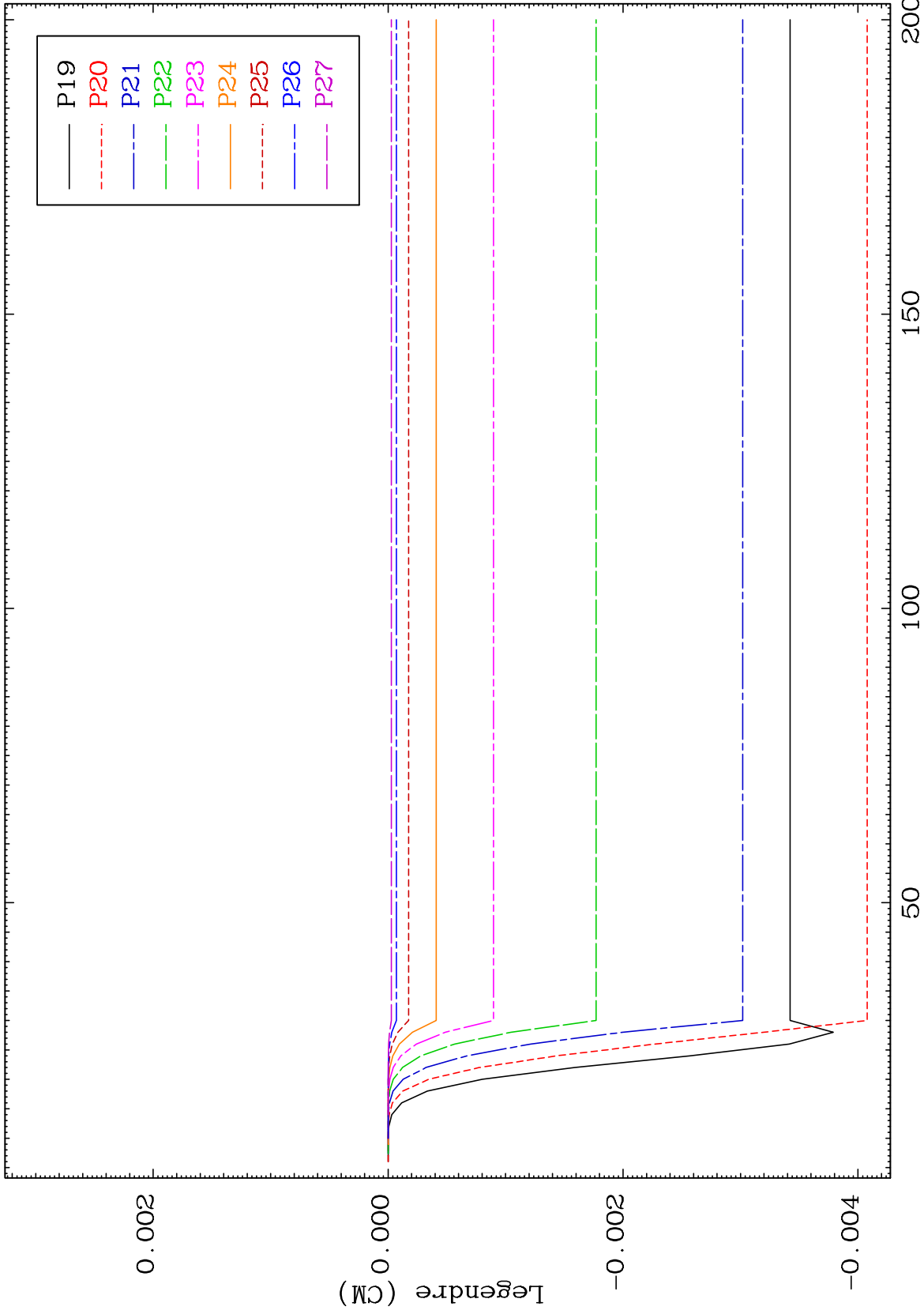
Incident Energy (MeV)

63-Eu-156

MAT 6340

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

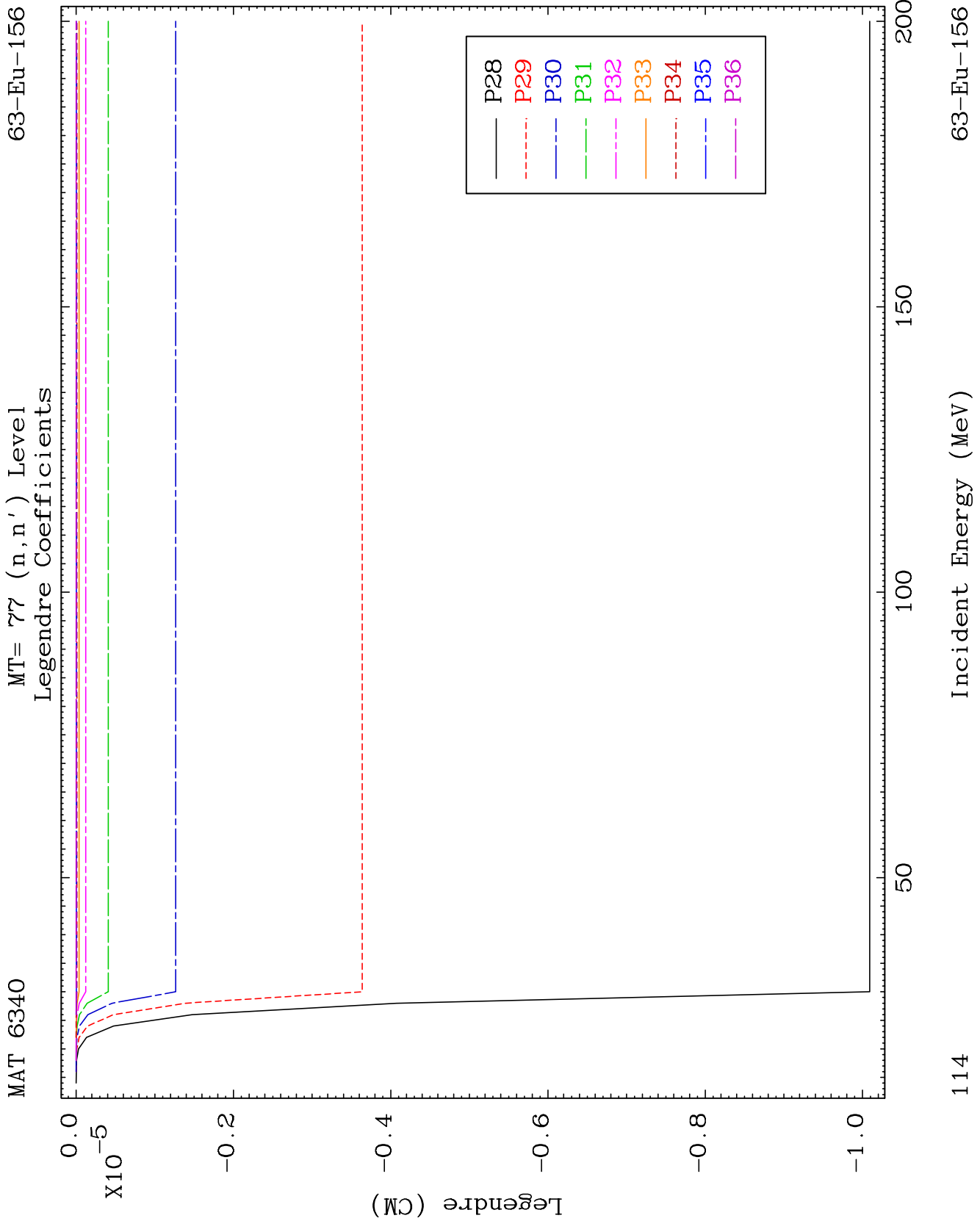
63-Eu-156

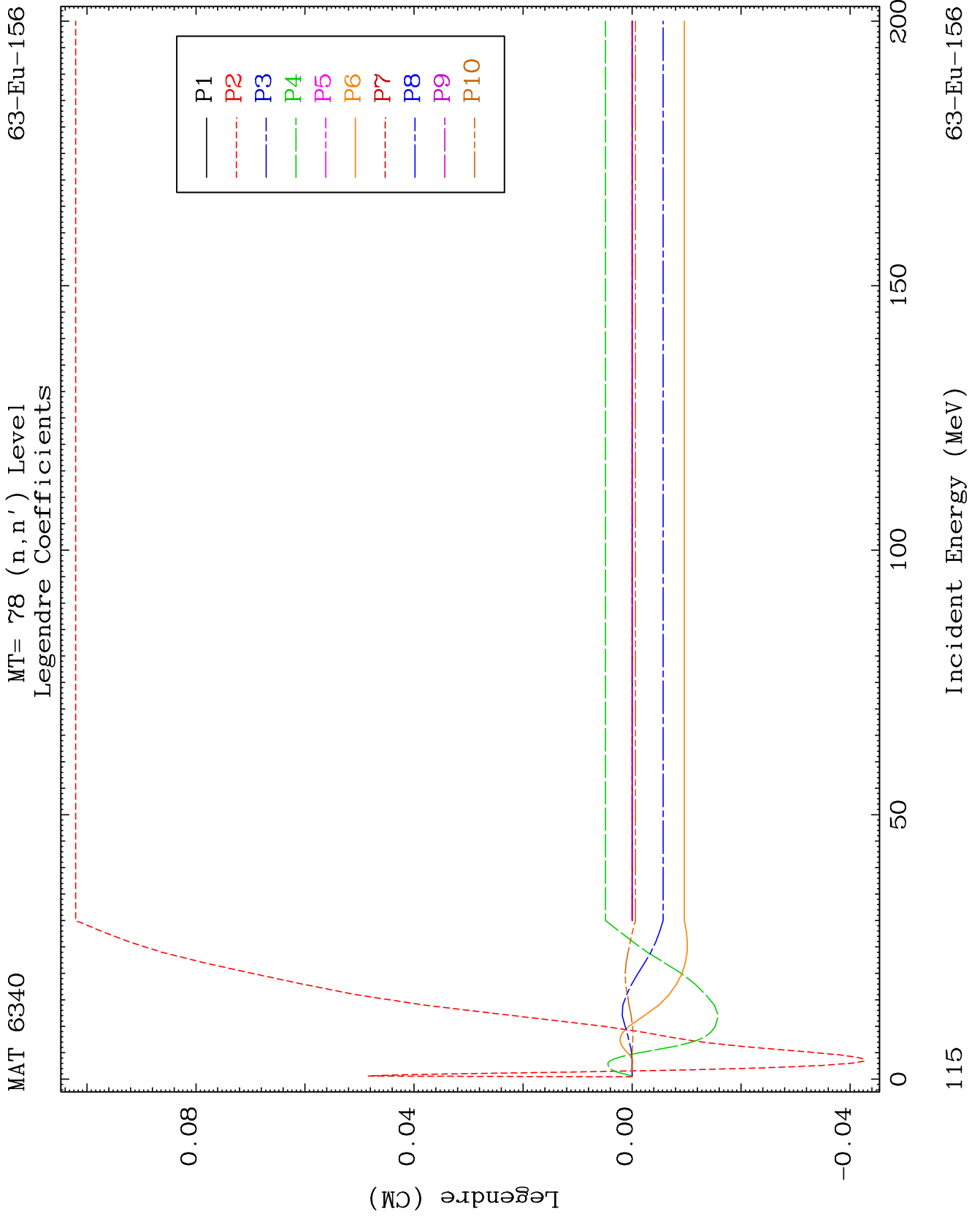


113

Incident Energy (MeV)

63-Eu-156

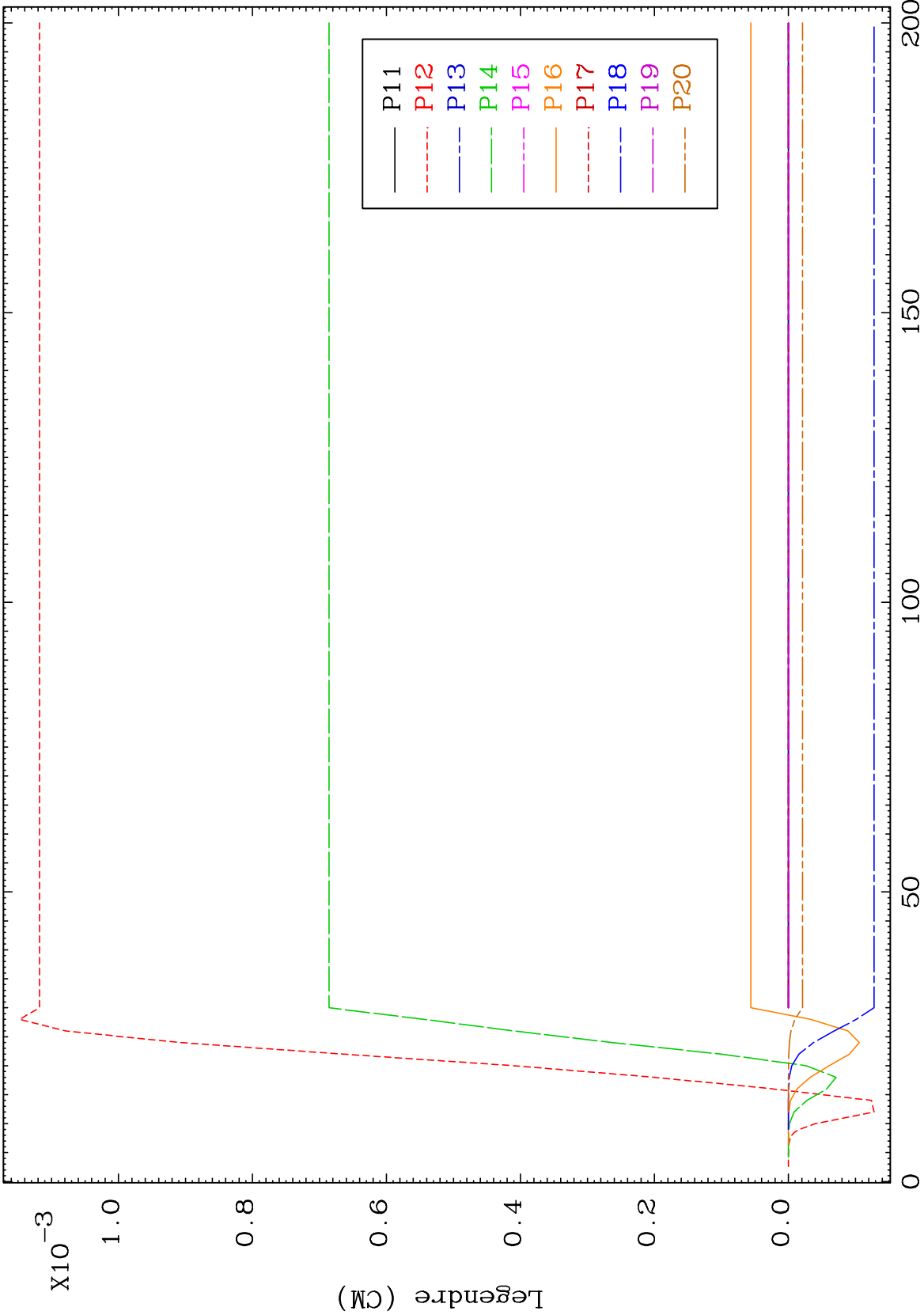




MAT 6340

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

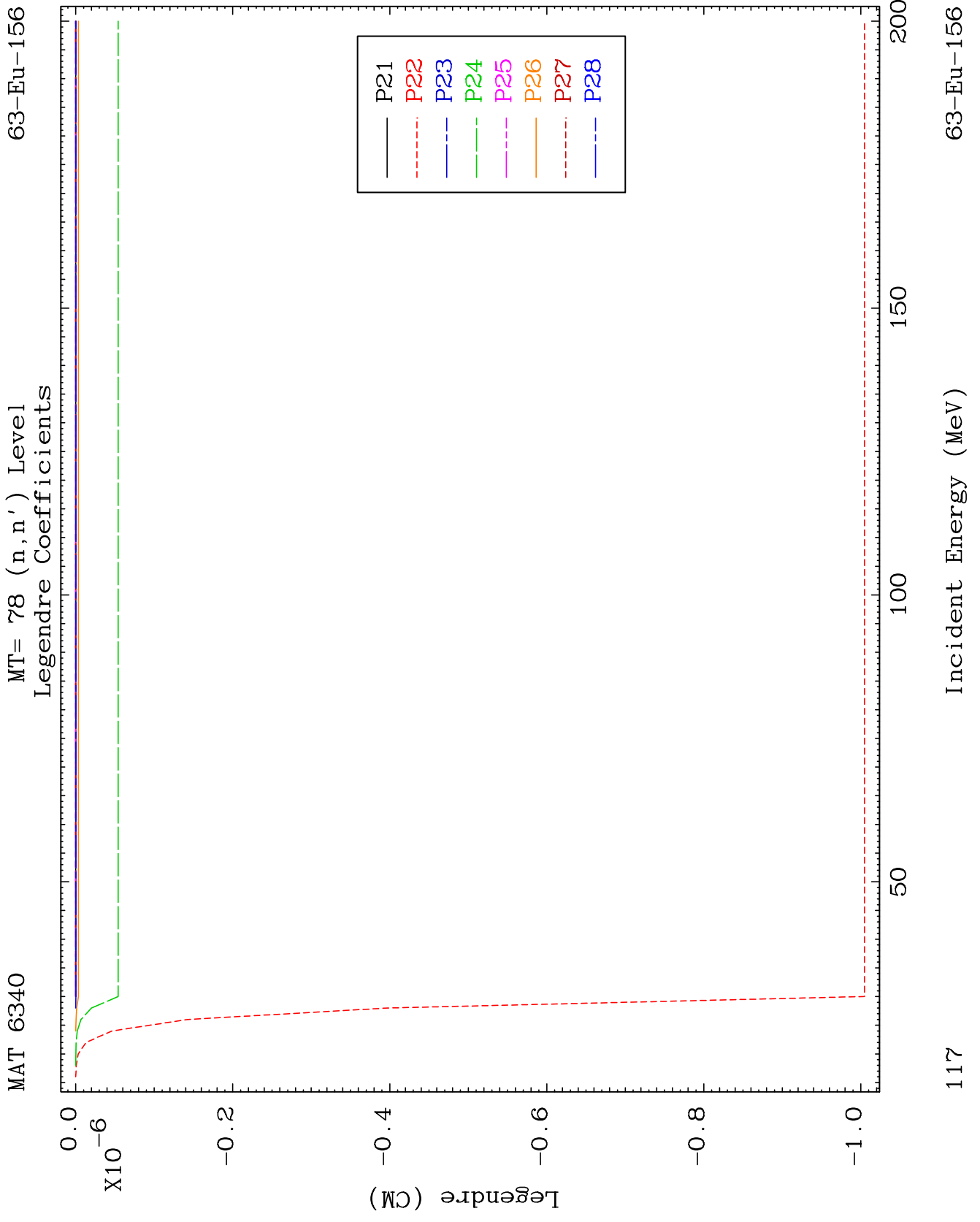
63-Eu-156



116

Incident Energy (MeV)

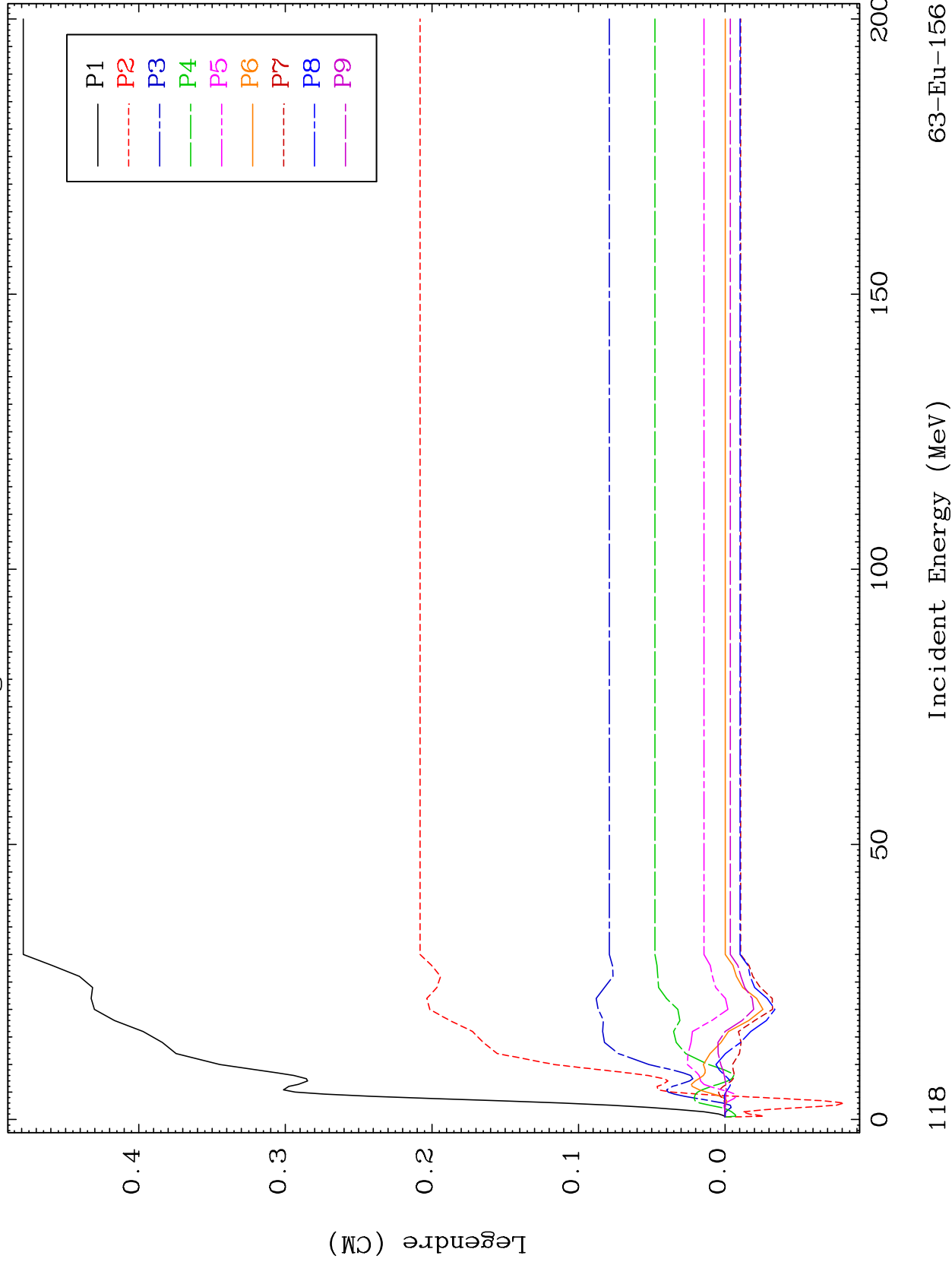
63-Eu-156



MAT 6340

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

63-Eu-156



63-Eu-156

Incident Energy (MeV)

118



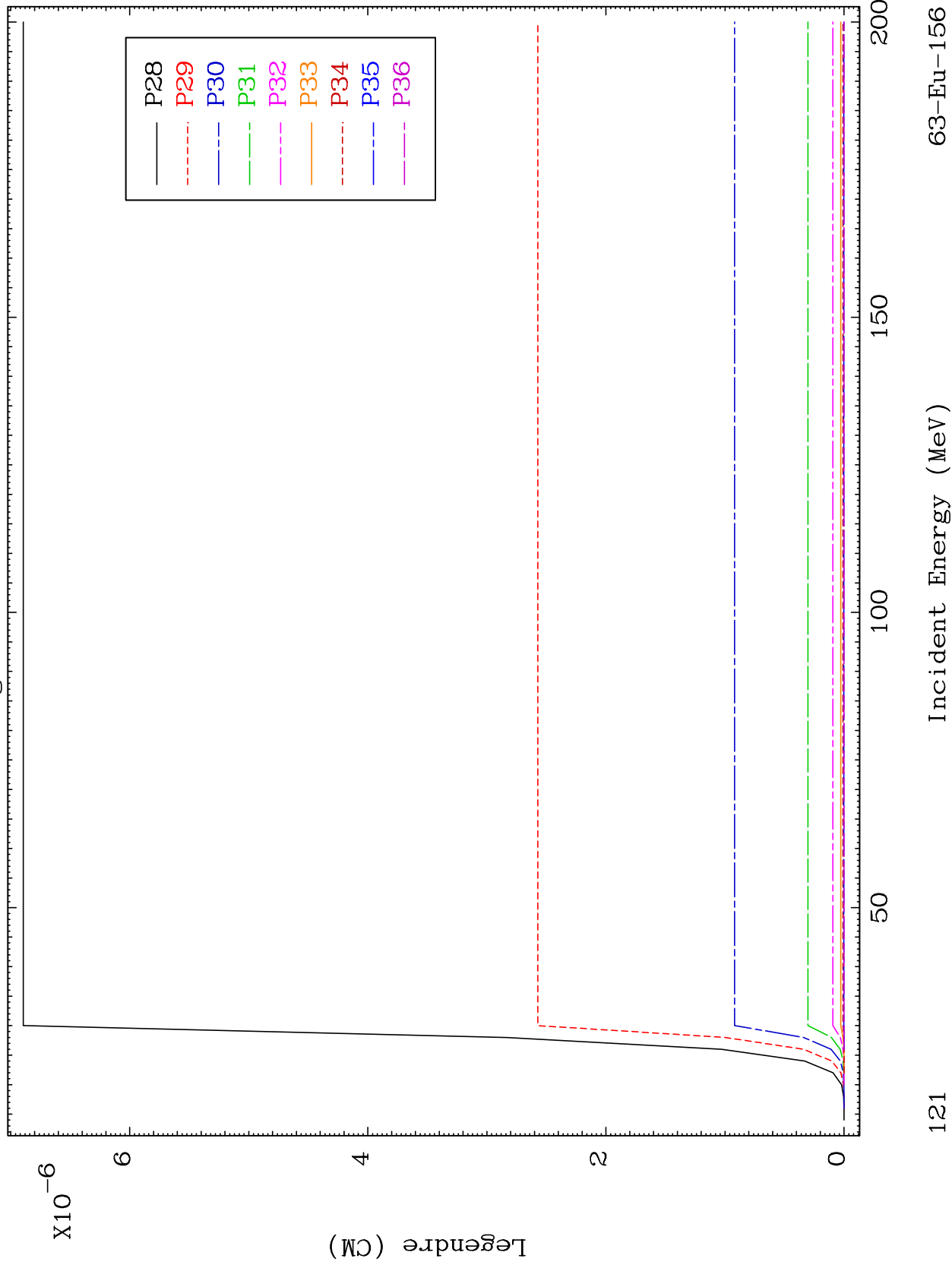




MAT 6340

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

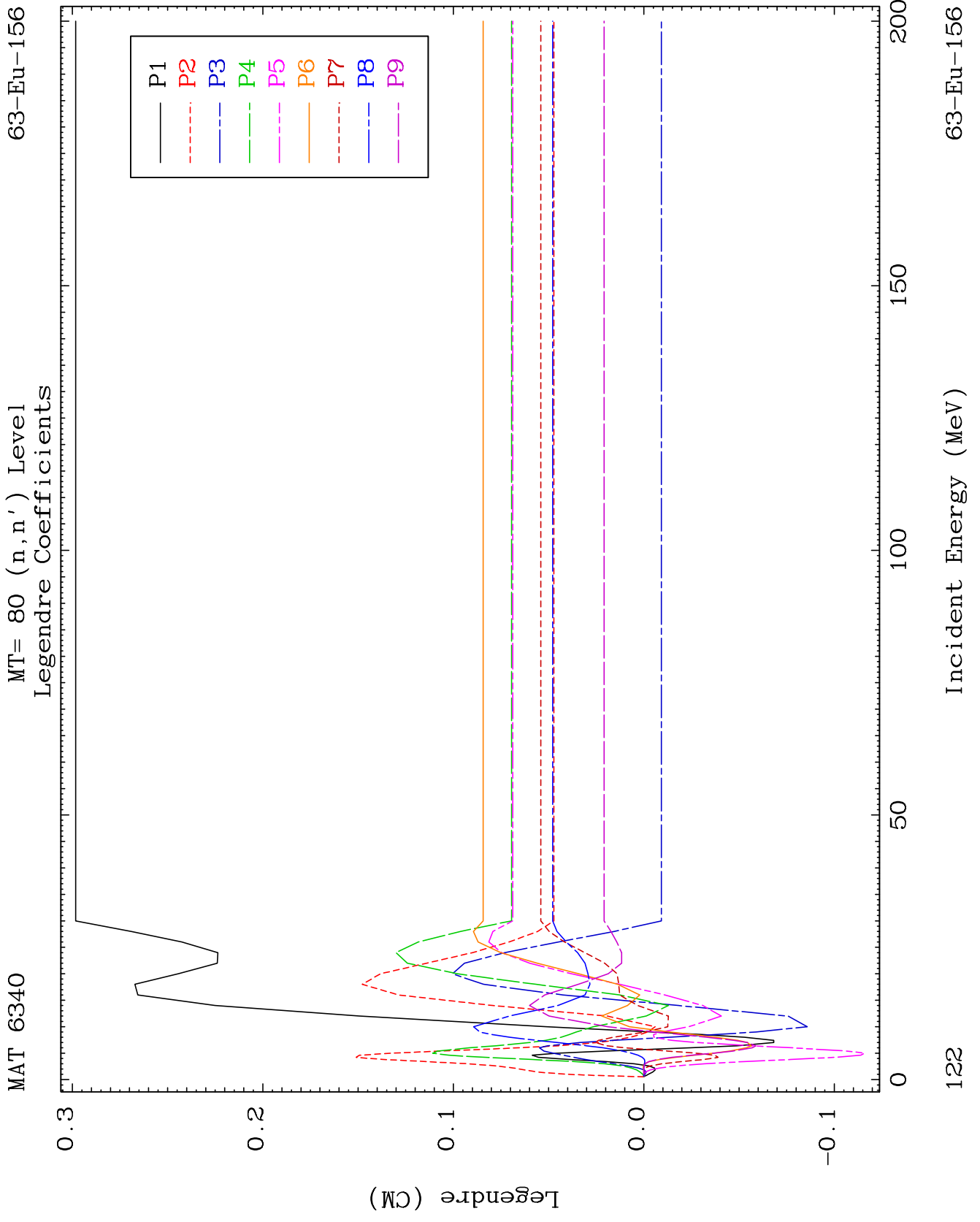
63-Eu-156

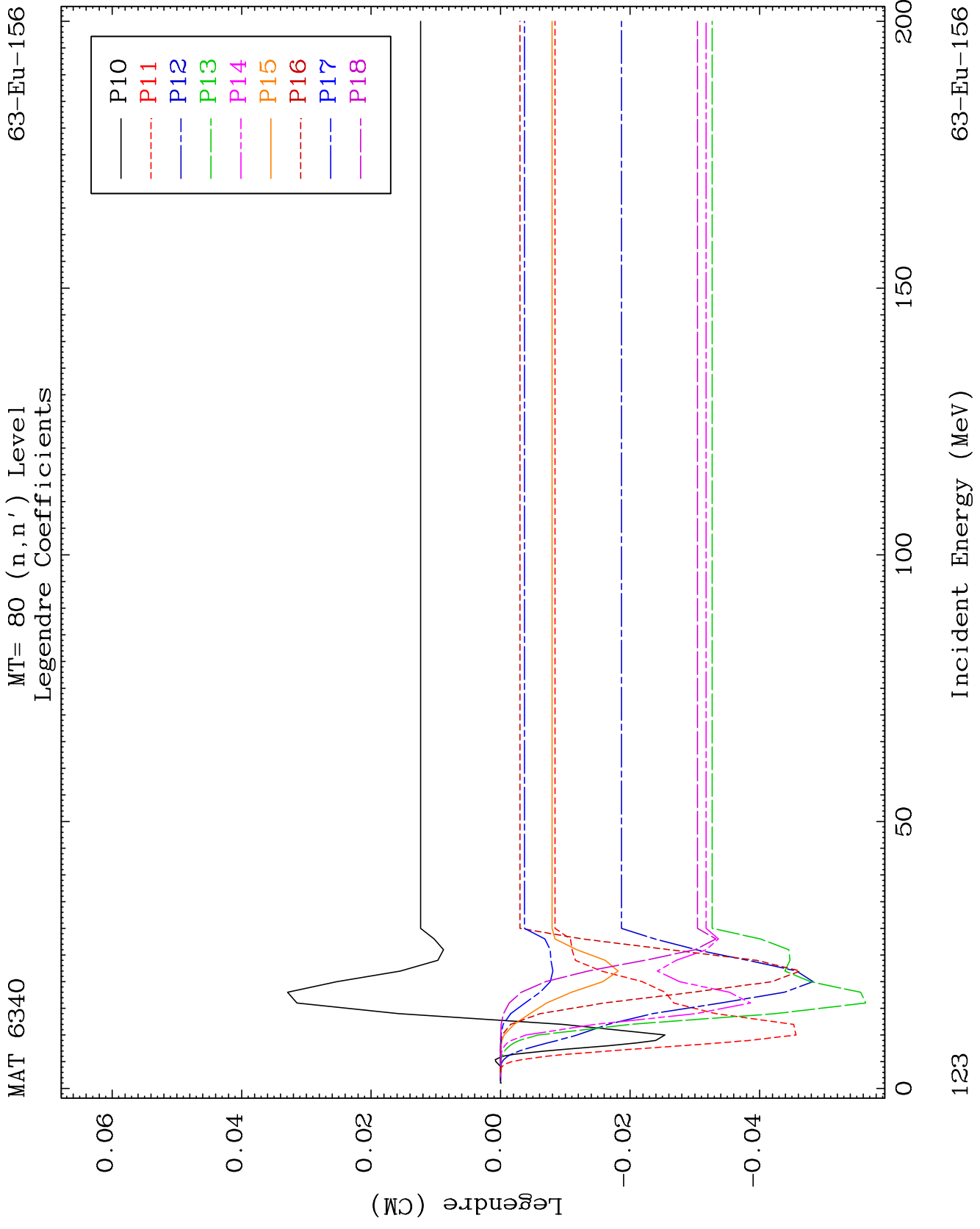


121

Incident Energy (MeV)

63-Eu-156

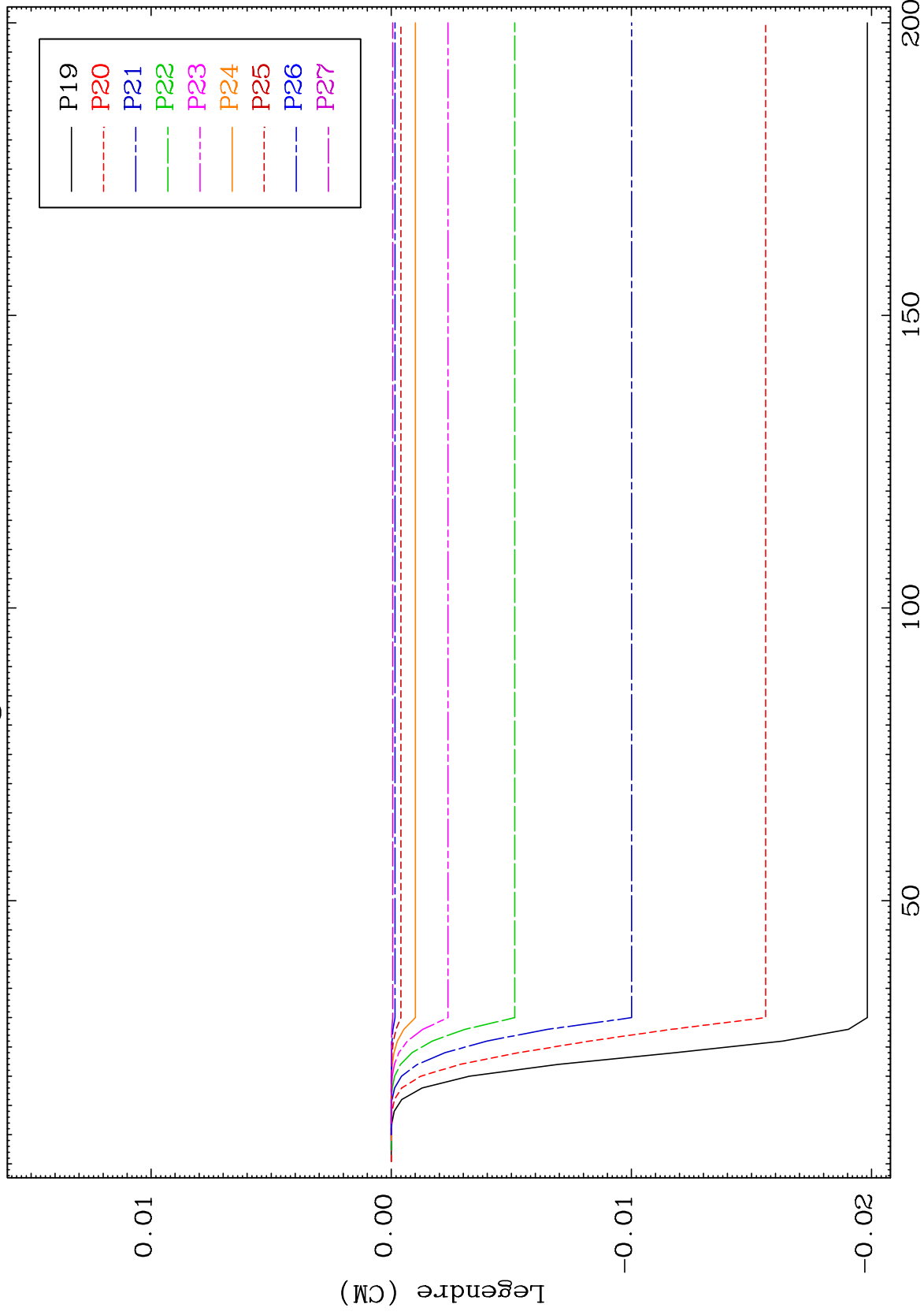




MAT 6340

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

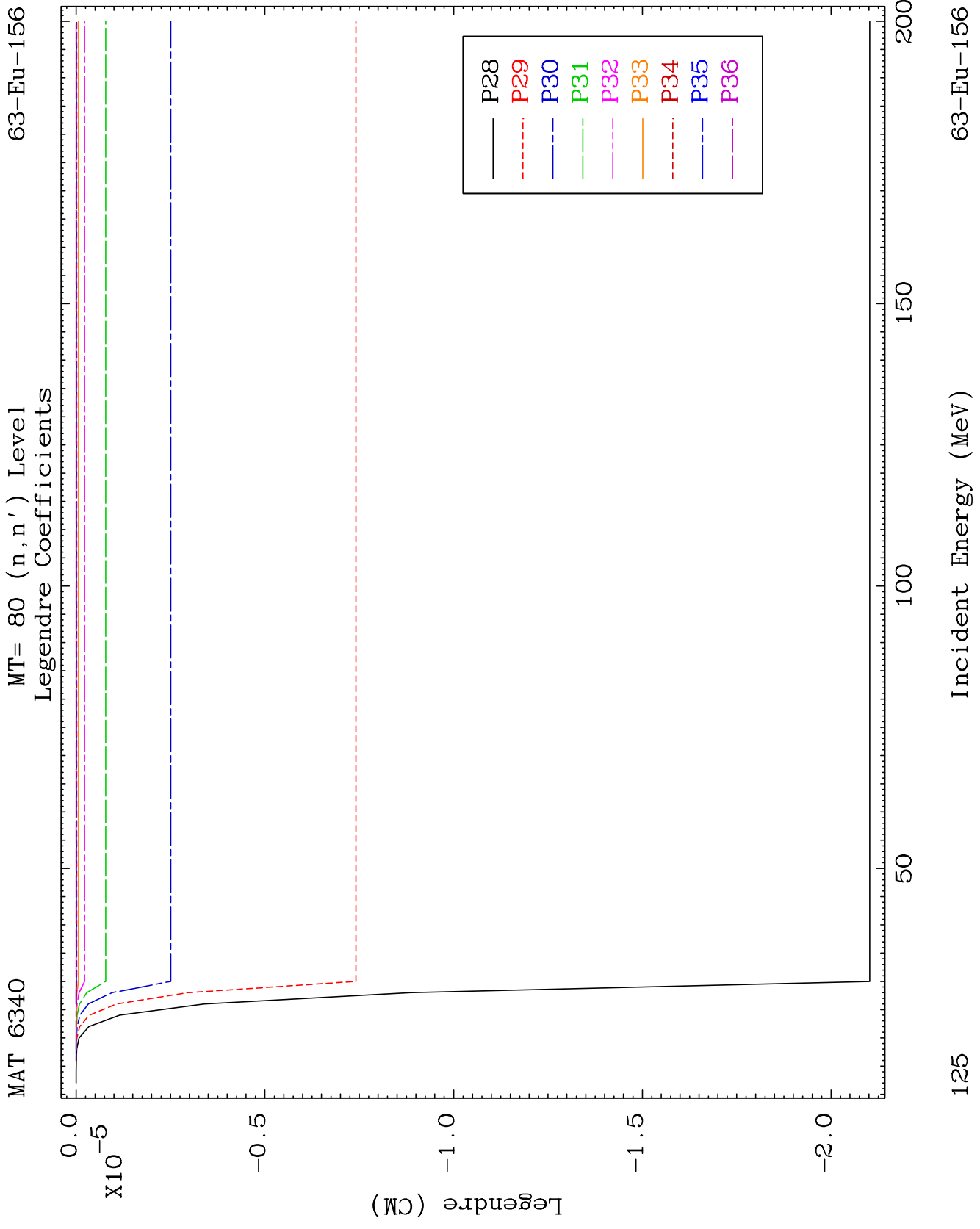
63-Eu-156

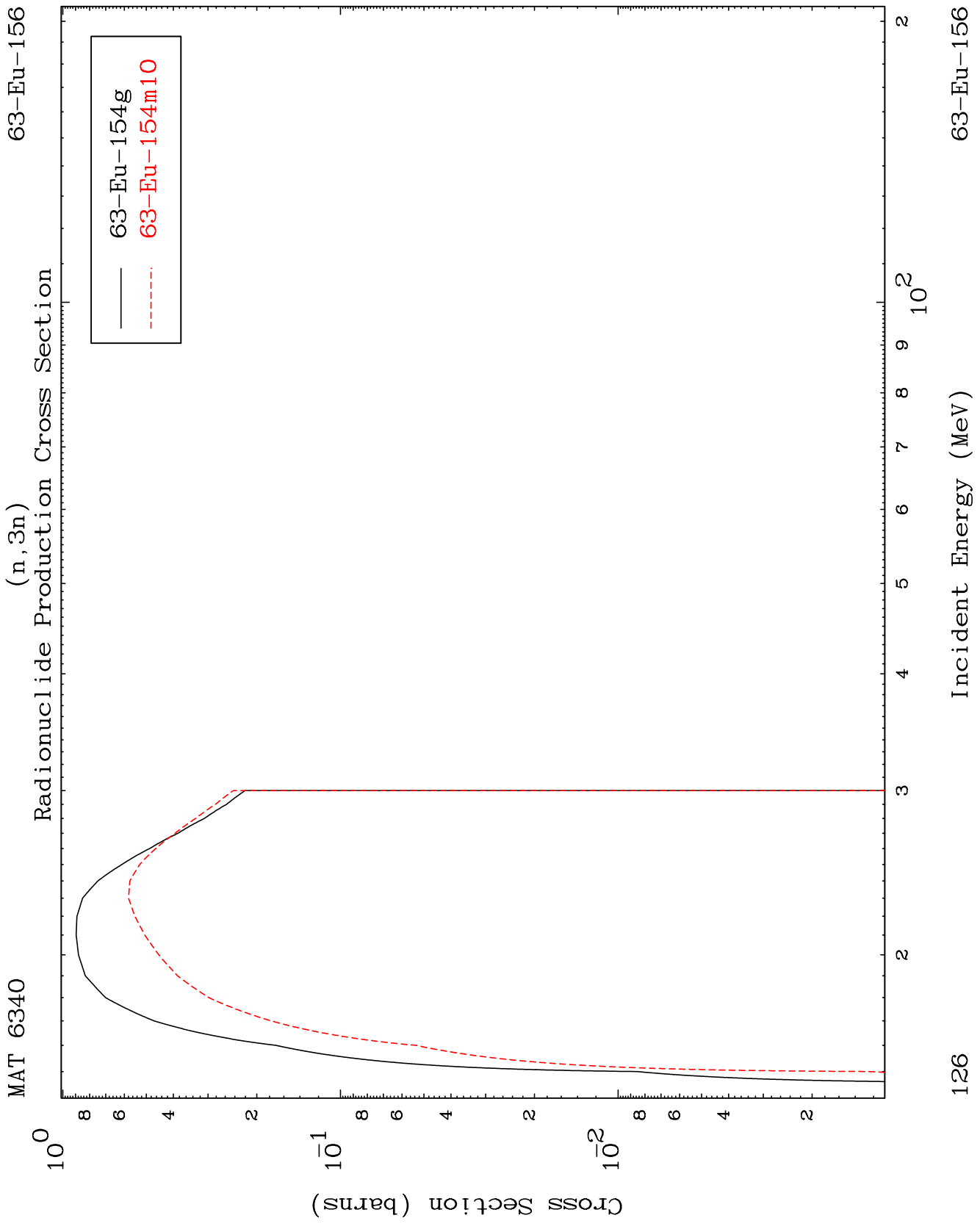


124

Incident Energy (MeV)

63-Eu-156



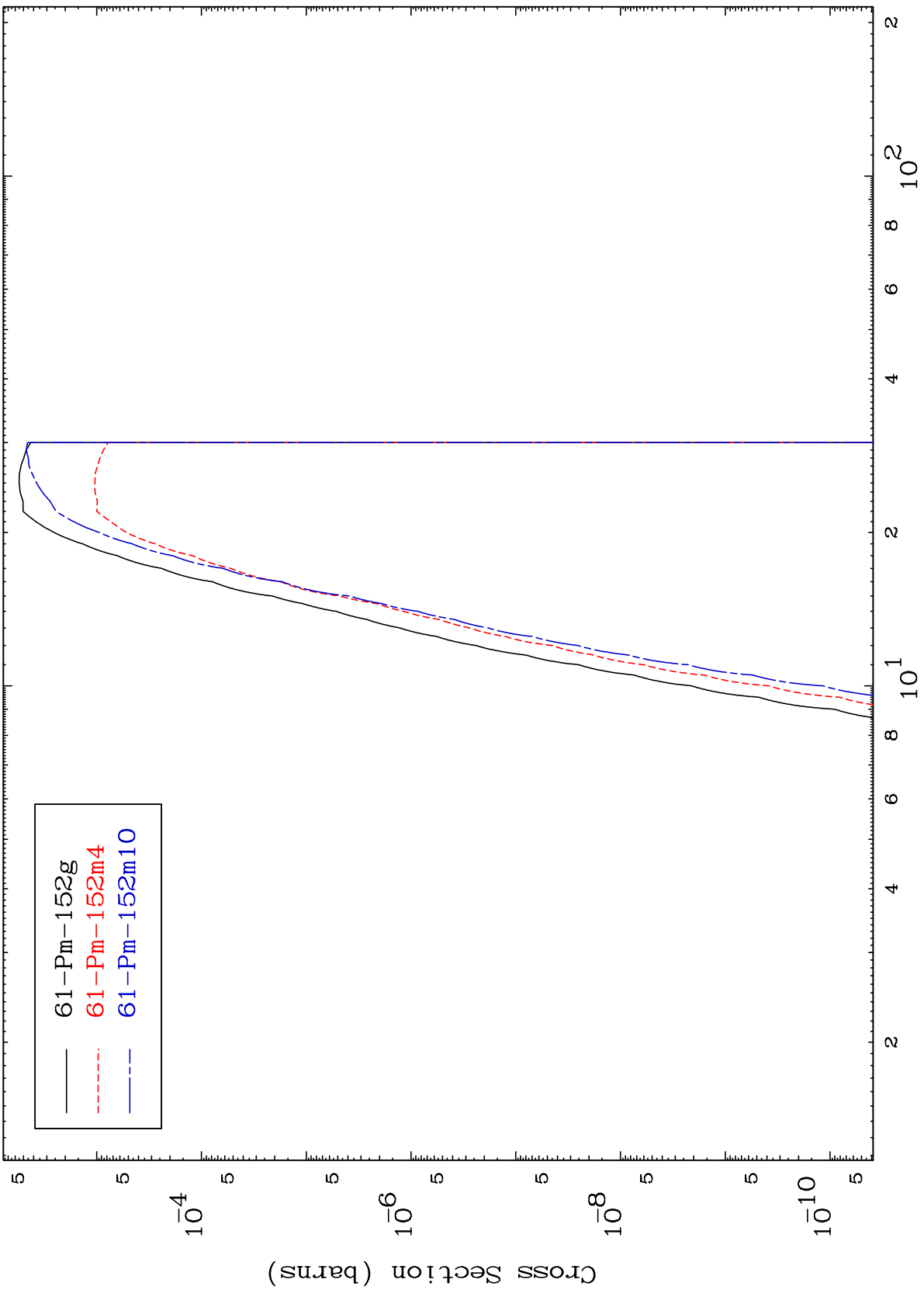


MAT 6340

$(n, n') \alpha$

63-Eu-156

Radionuclide Production Cross Section



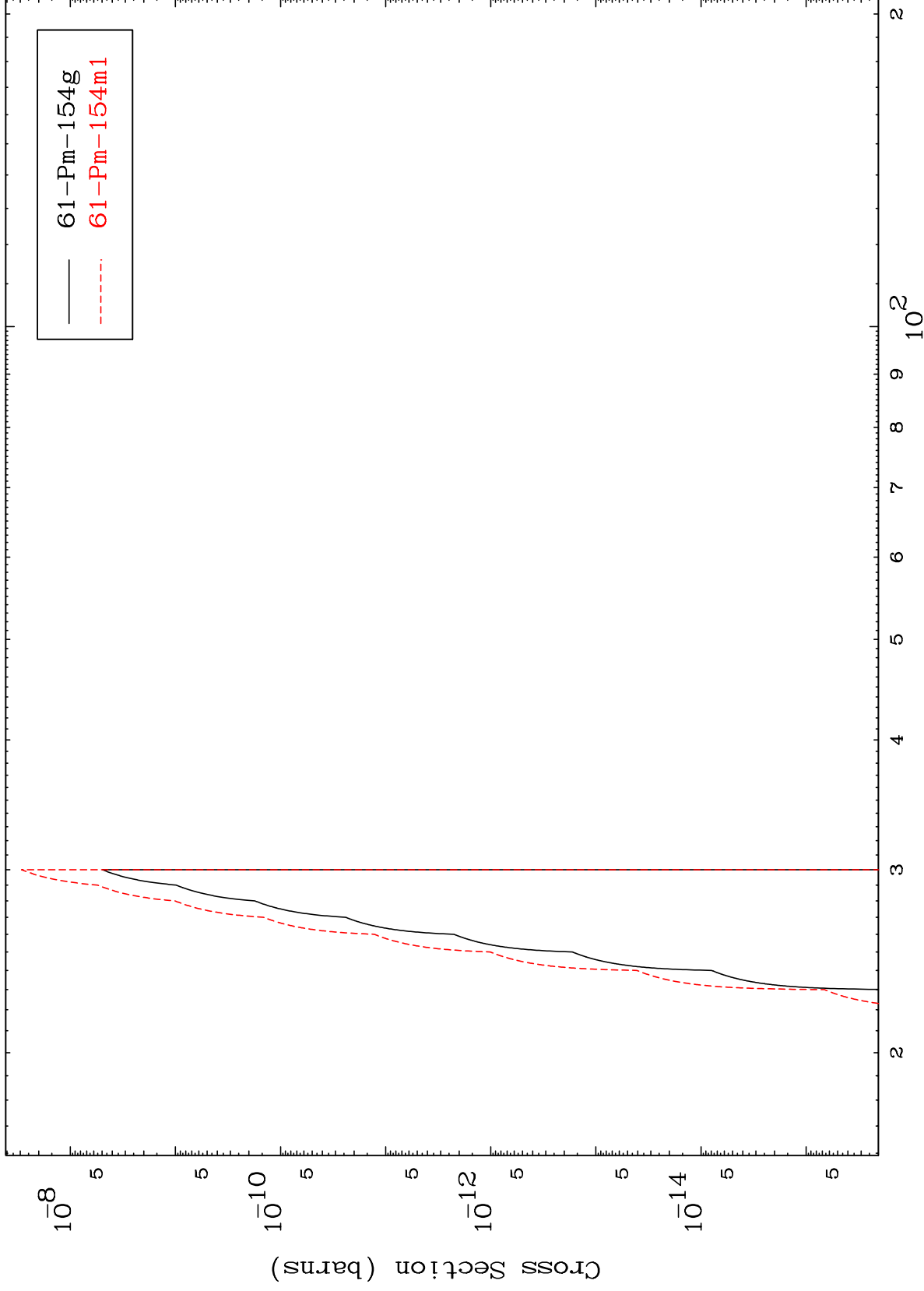
127

Incident Energy (MeV)

63-Eu-156



Radionuclide Production Cross Section

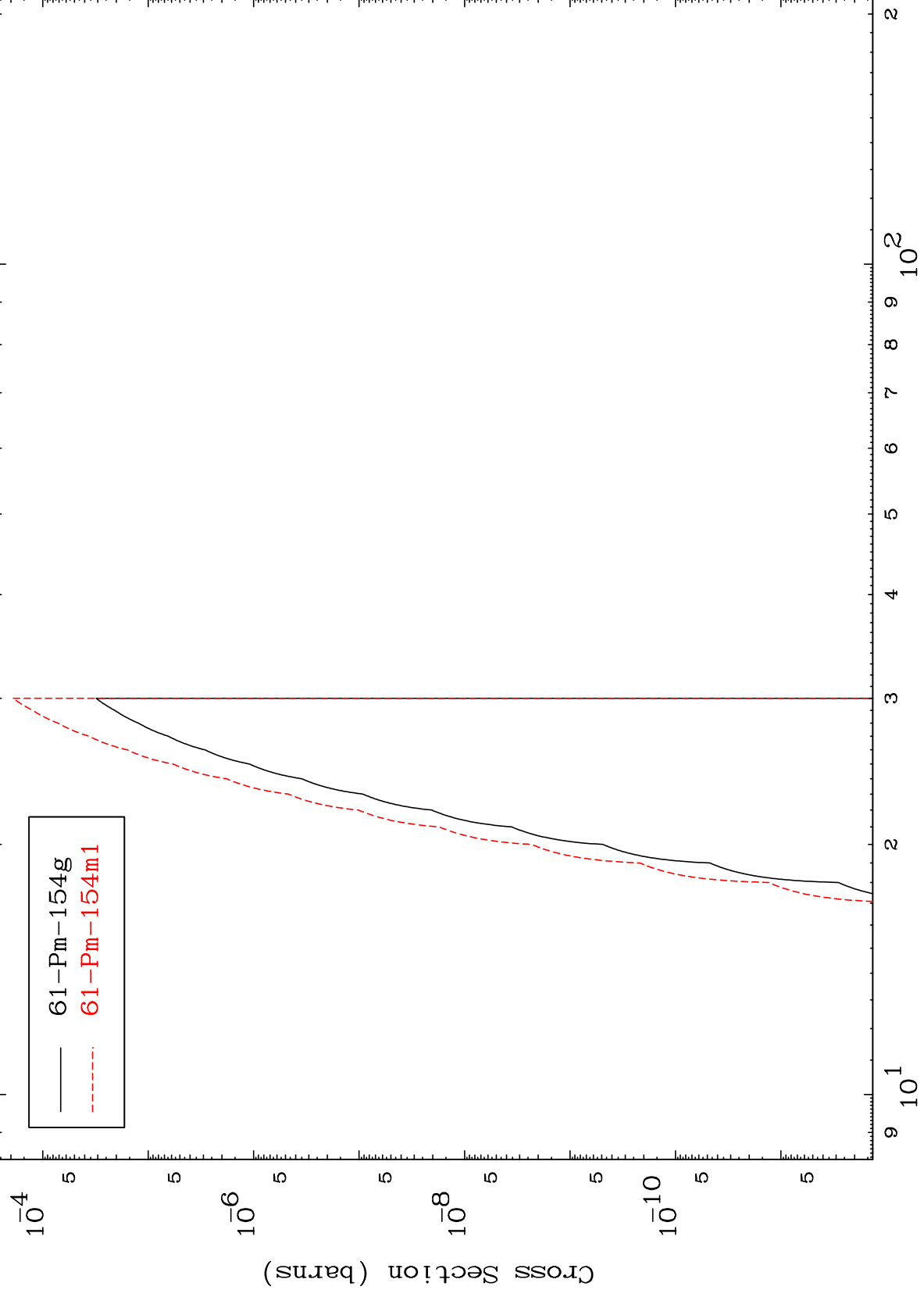


MAT 6340

(n,He-3)

63-Eu-156

Radionuclide Production Cross Section



129

Incident Energy (MeV)

63-Eu-156