

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

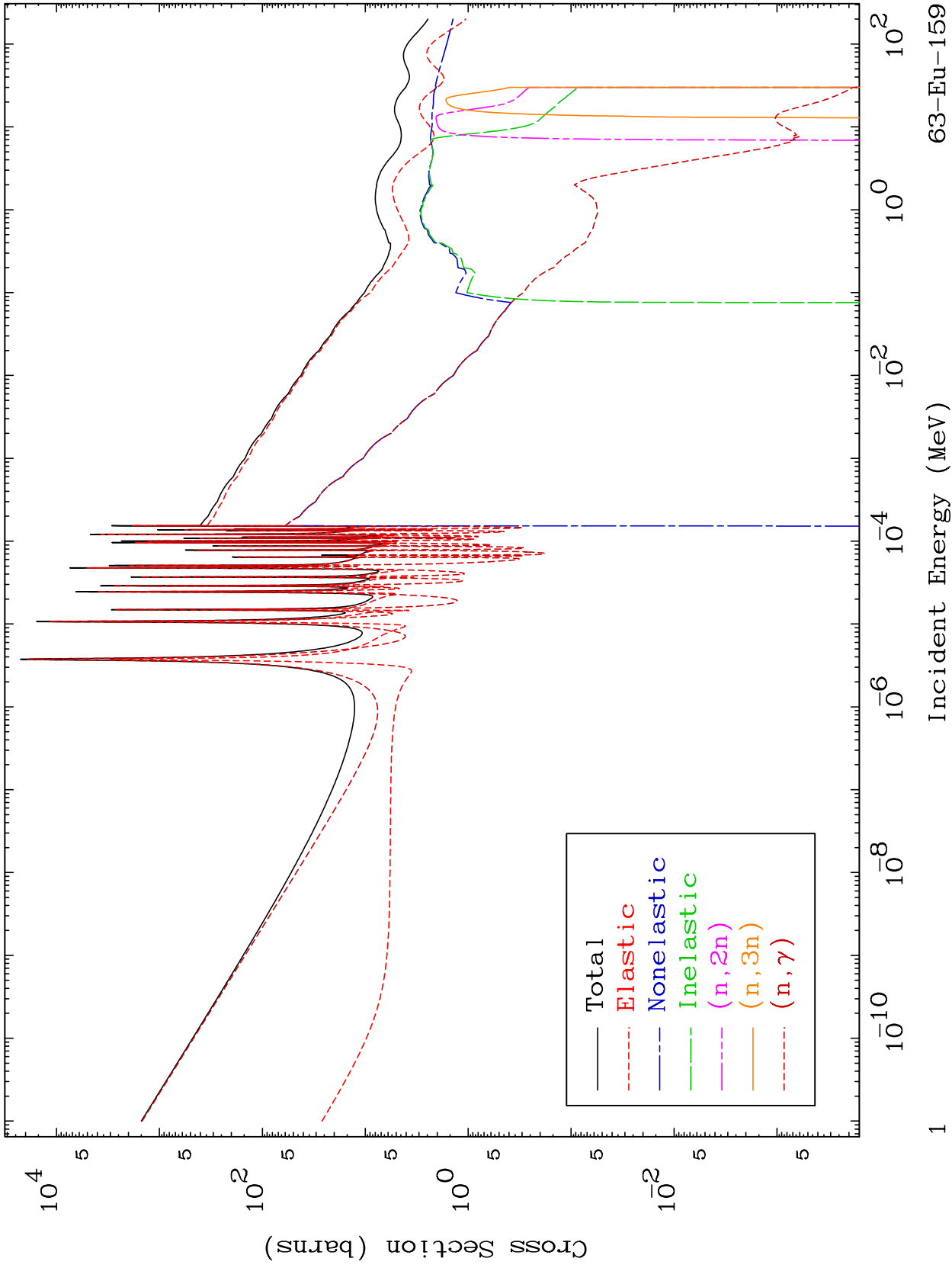
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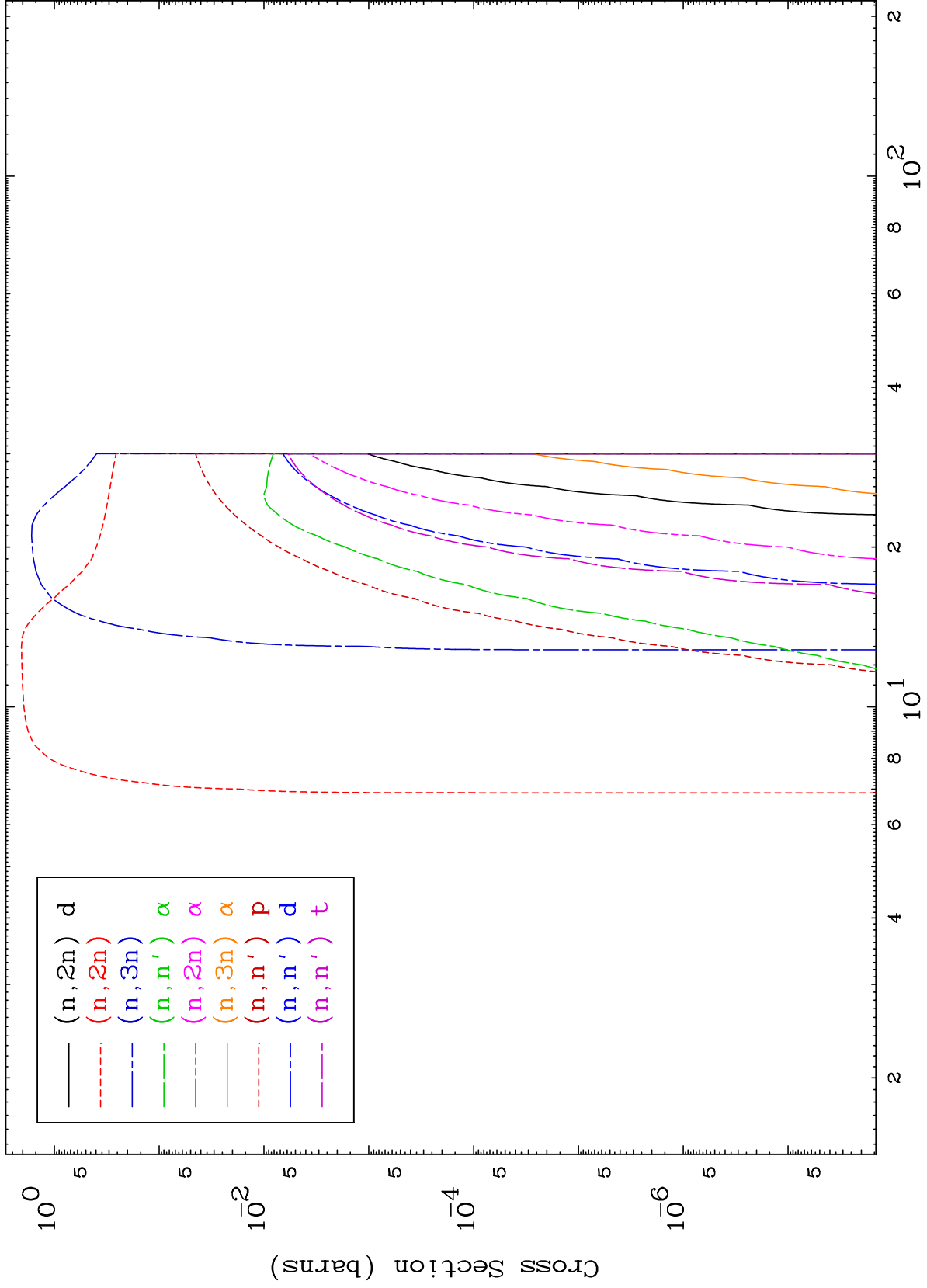
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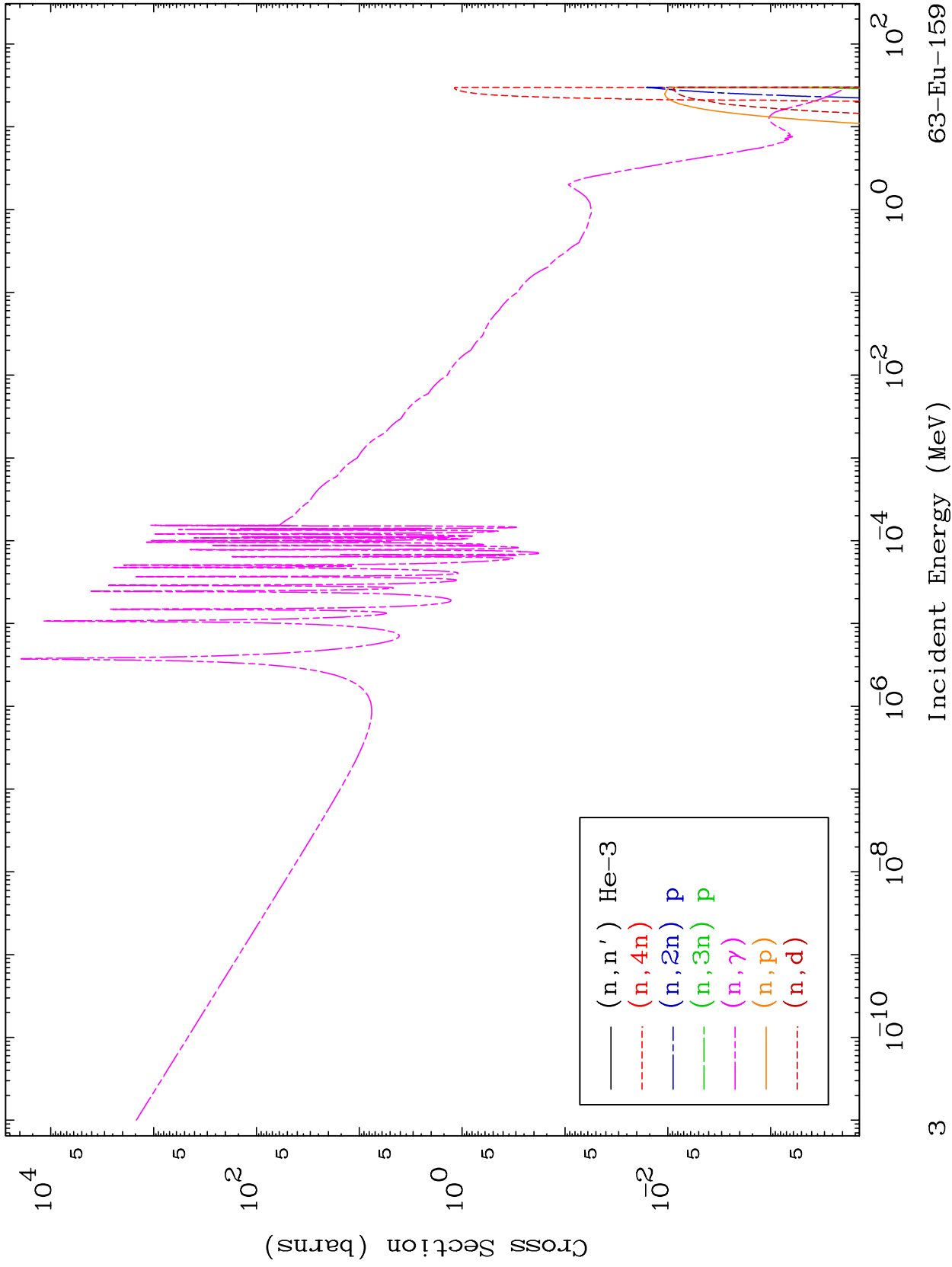
MAT 6349

Neutron Major
293 Kelvin Cross Sections

63-Eu-159



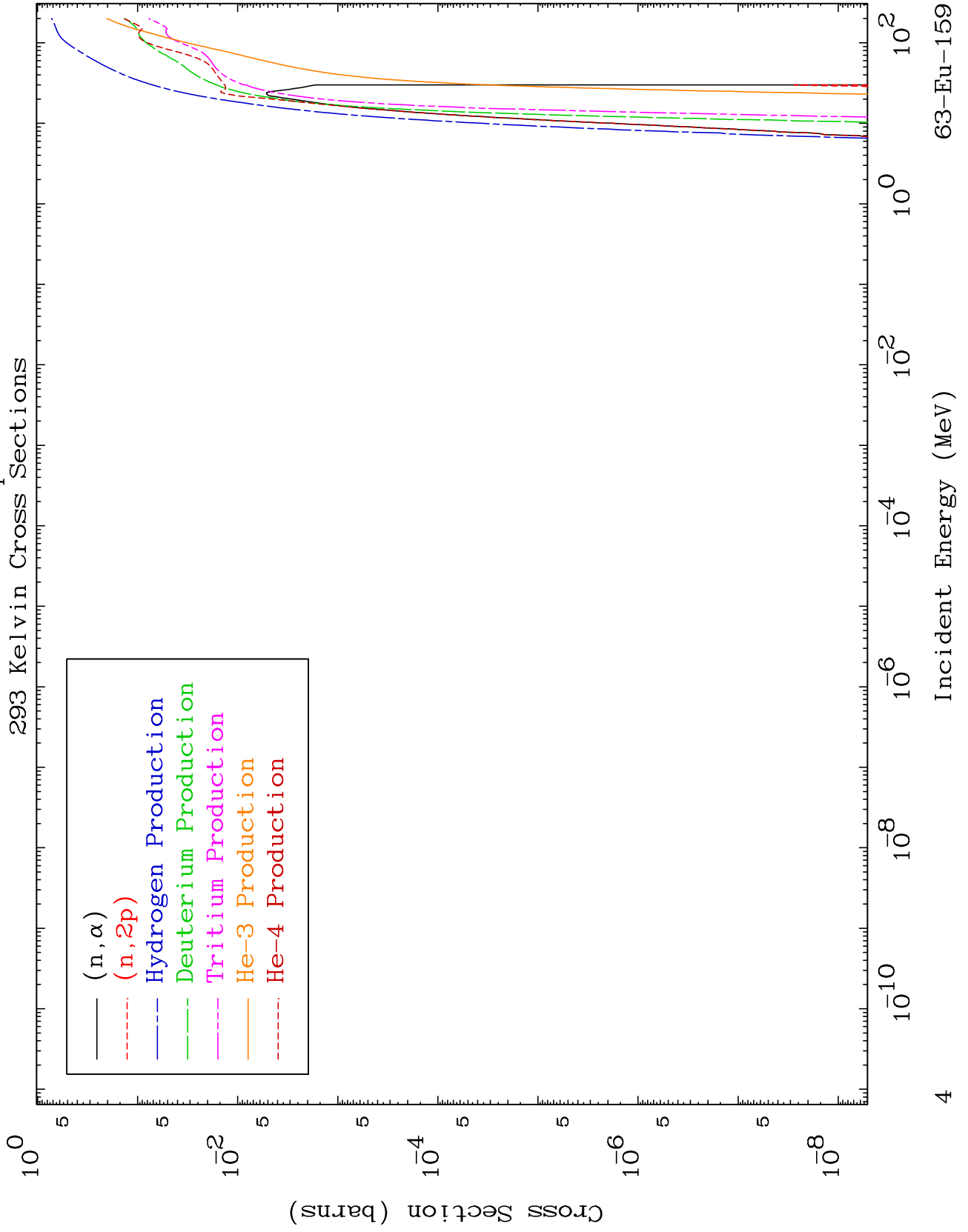


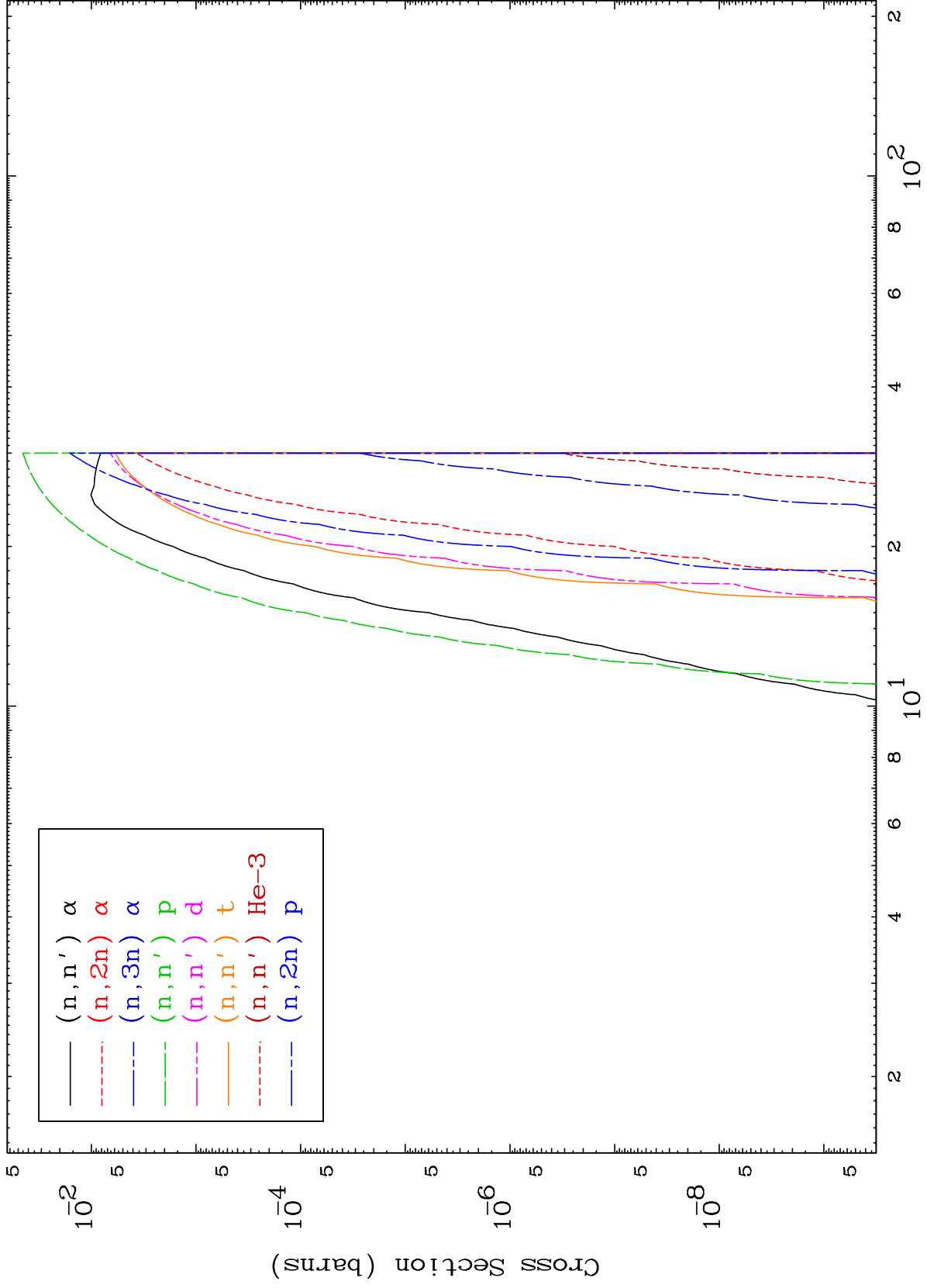


MAT 6349

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-159

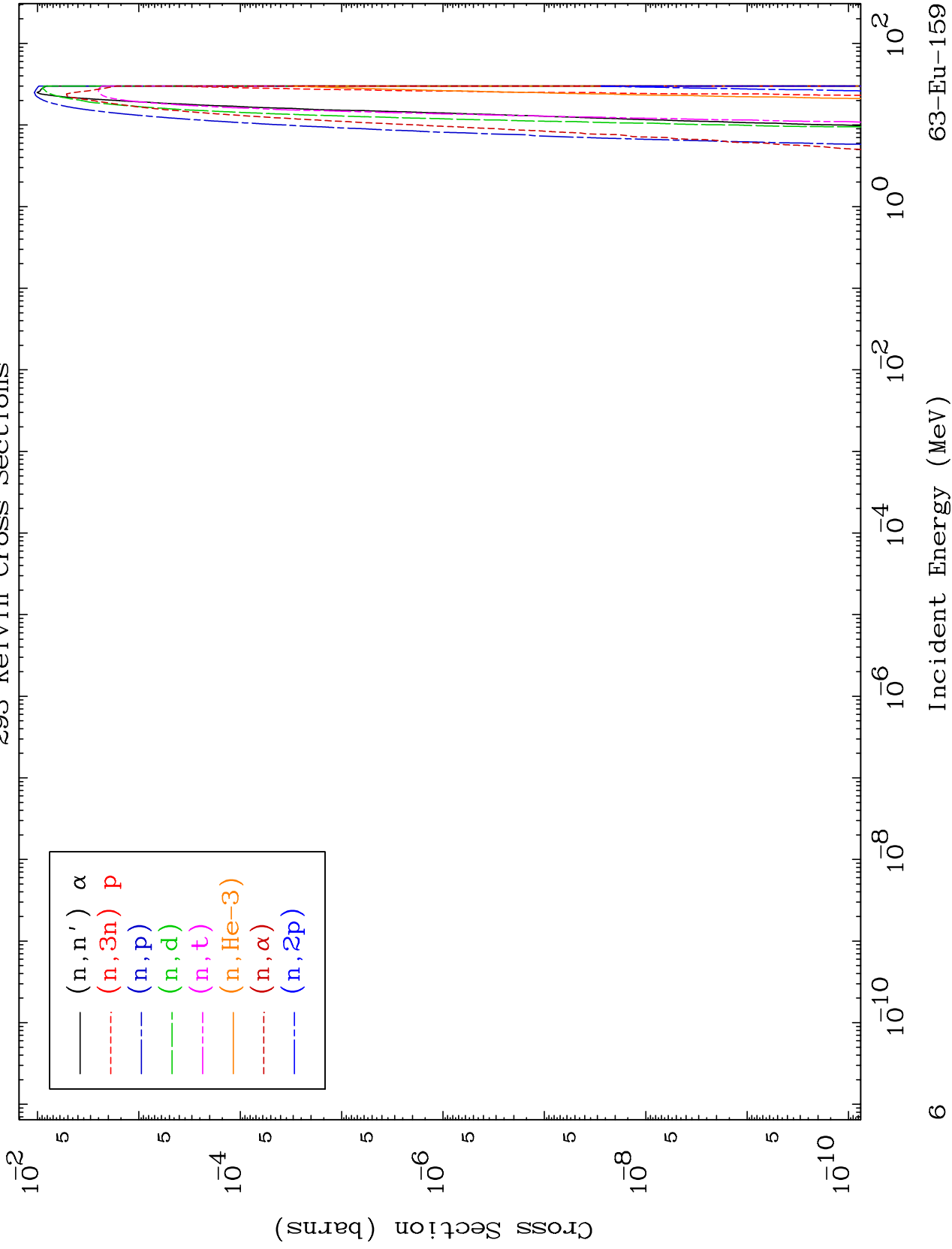




MAT 6349

Charged Particle
293 Kelvin Cross Sections

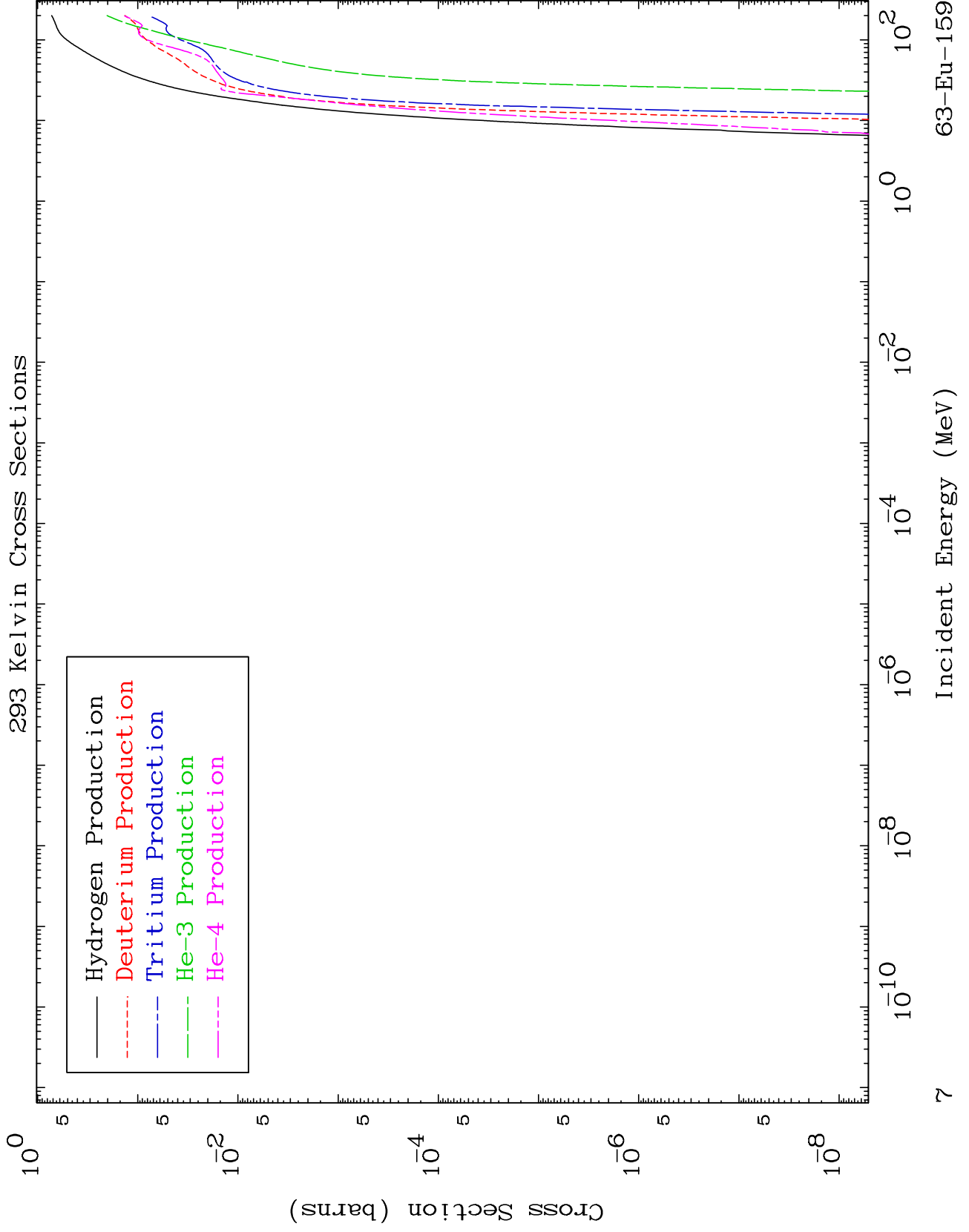
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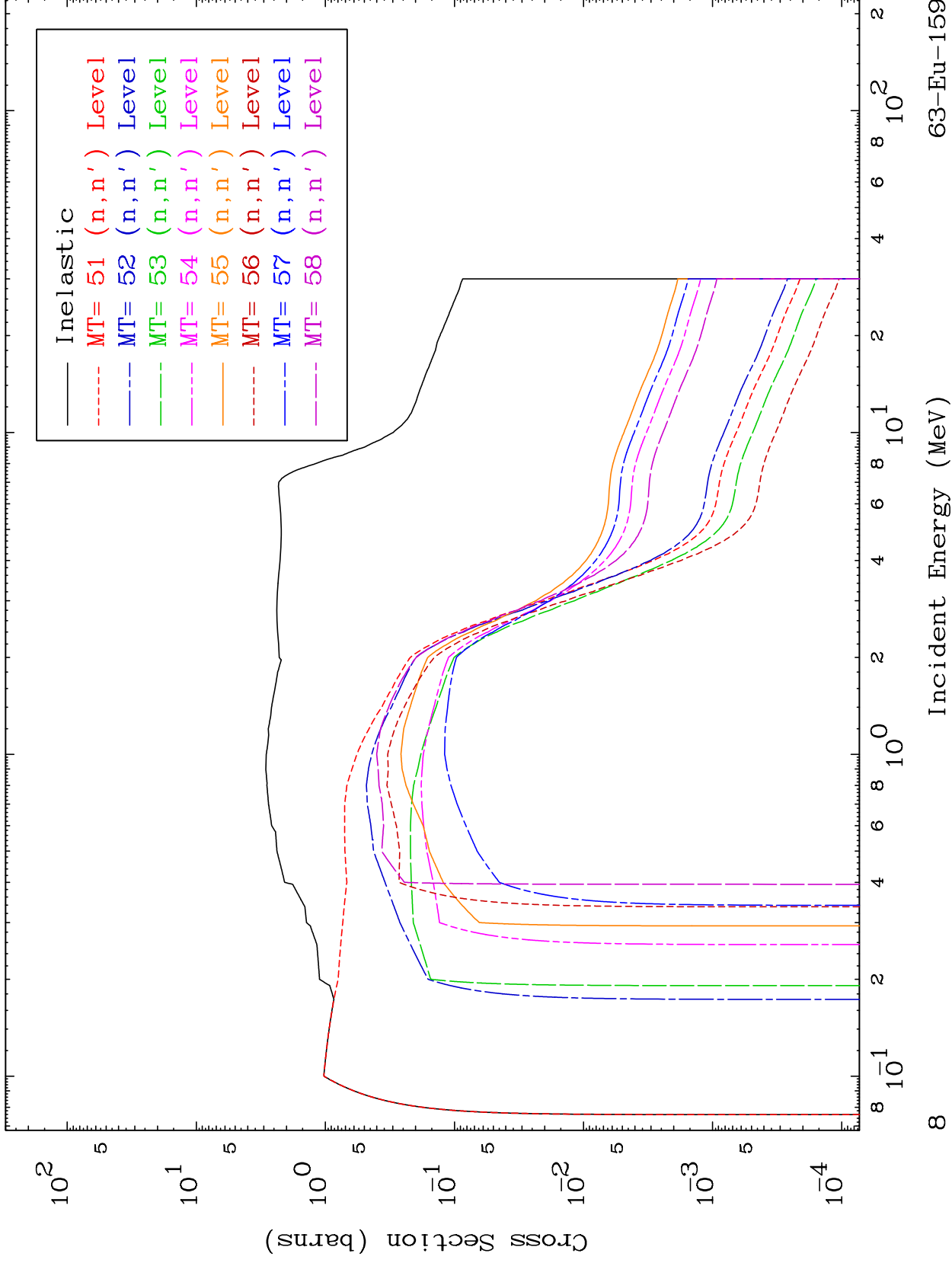
MAT 6349

Particle Production
293 Kelvin Cross Sections

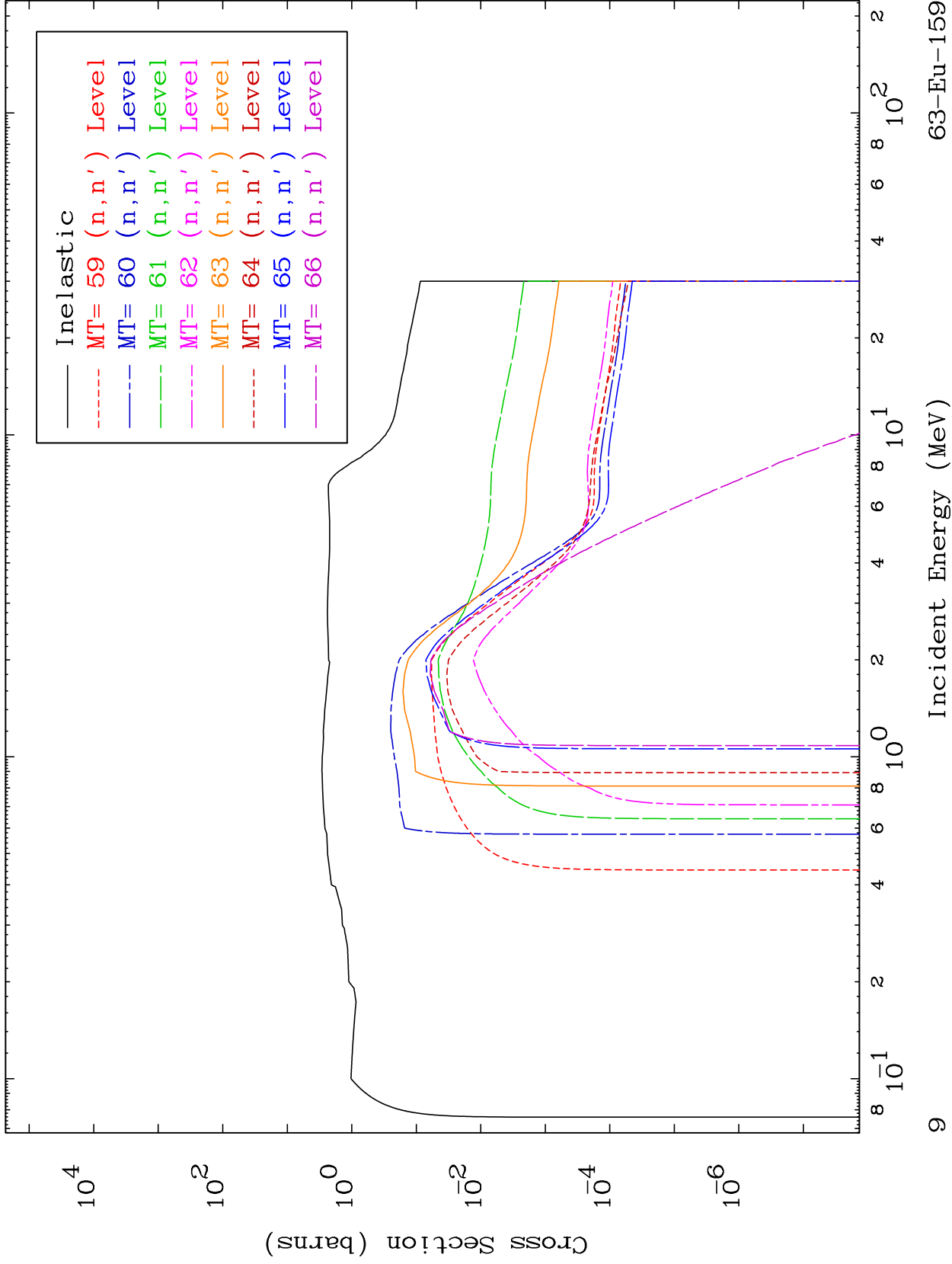
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

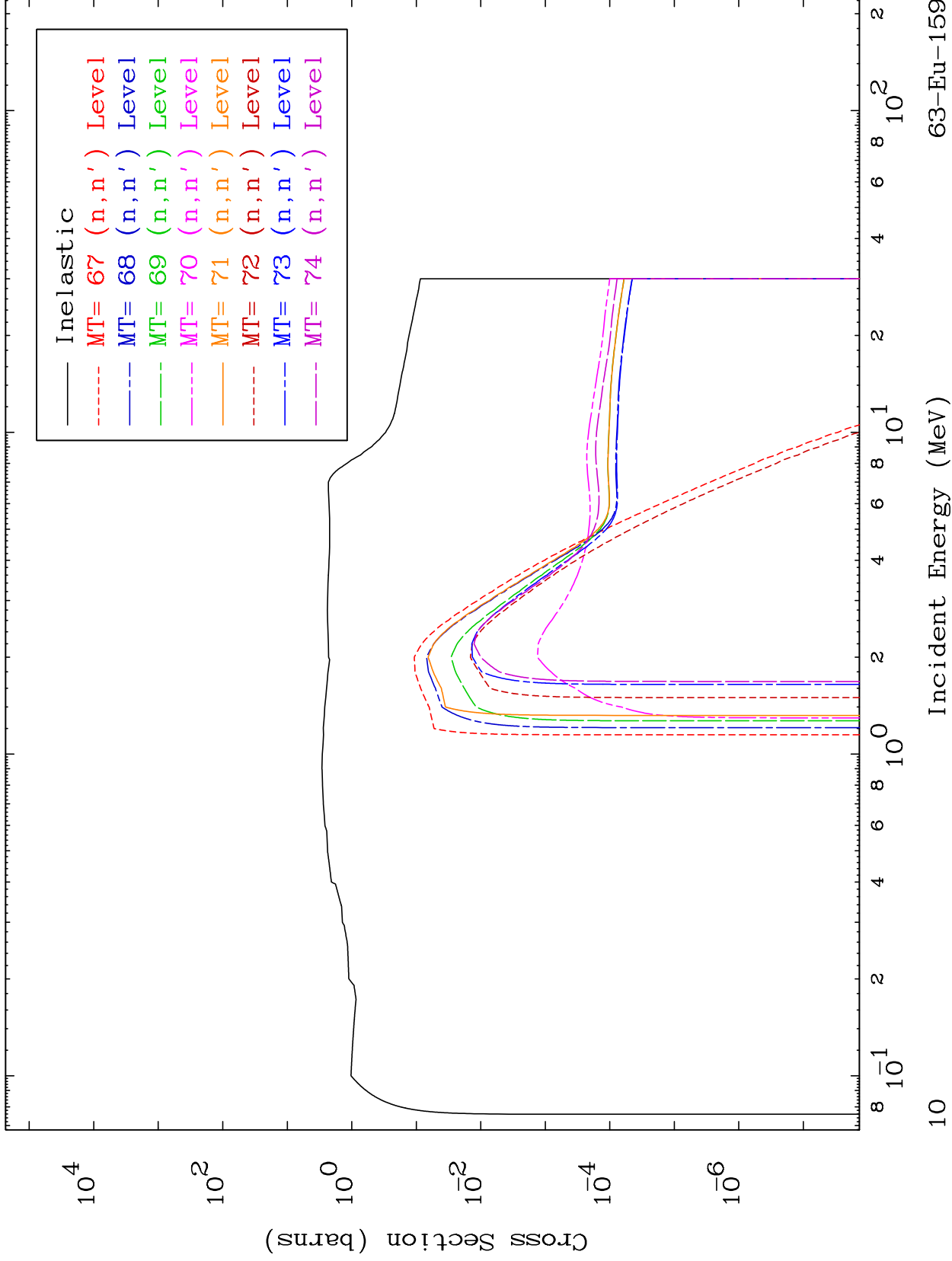


MAT 6349

(n,n') Levels

63-Eu-159

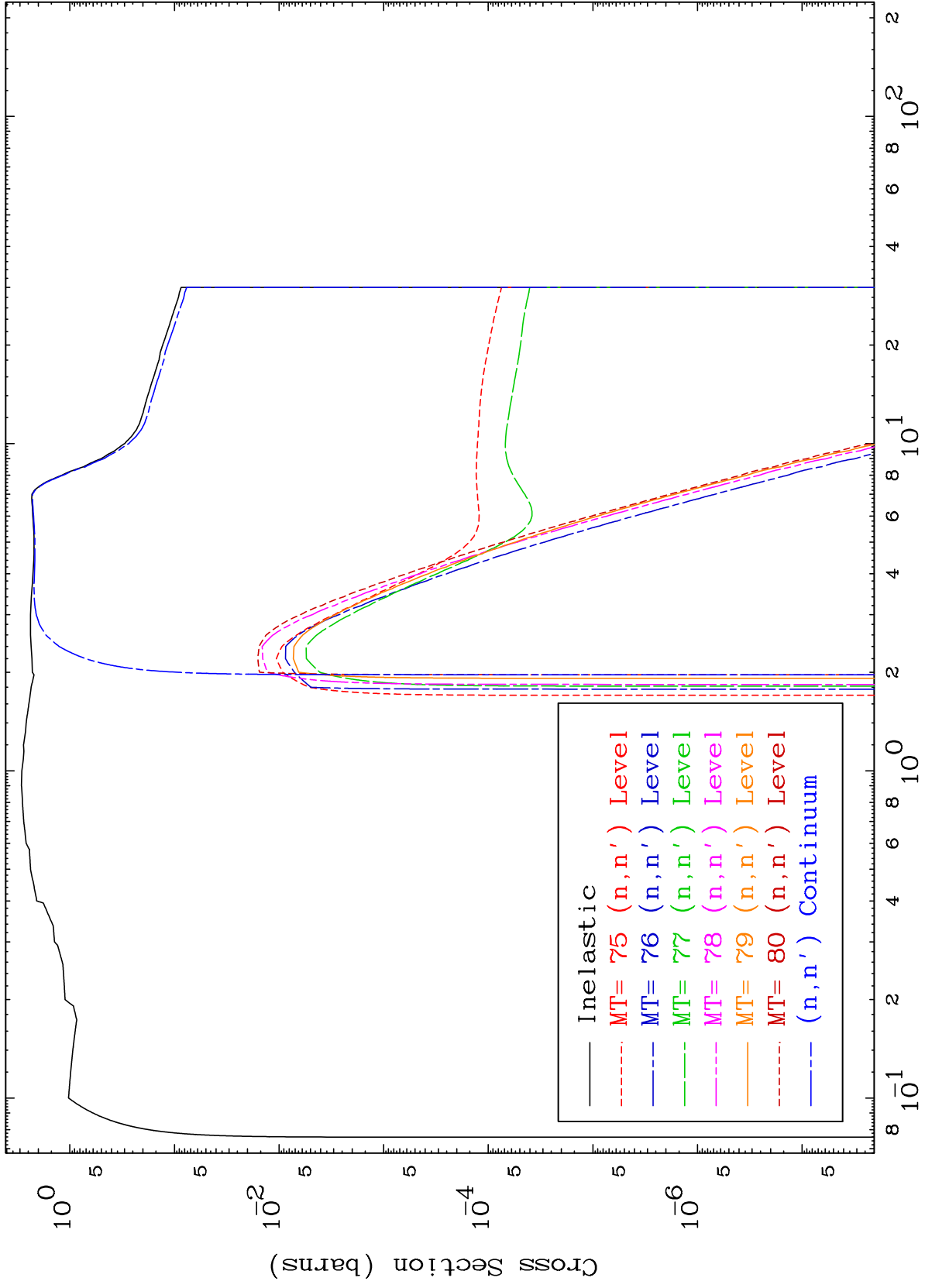
293 Kelvin Cross Sections



MAT 6349

(n,n') Levels
293 Kelvin Cross Sections

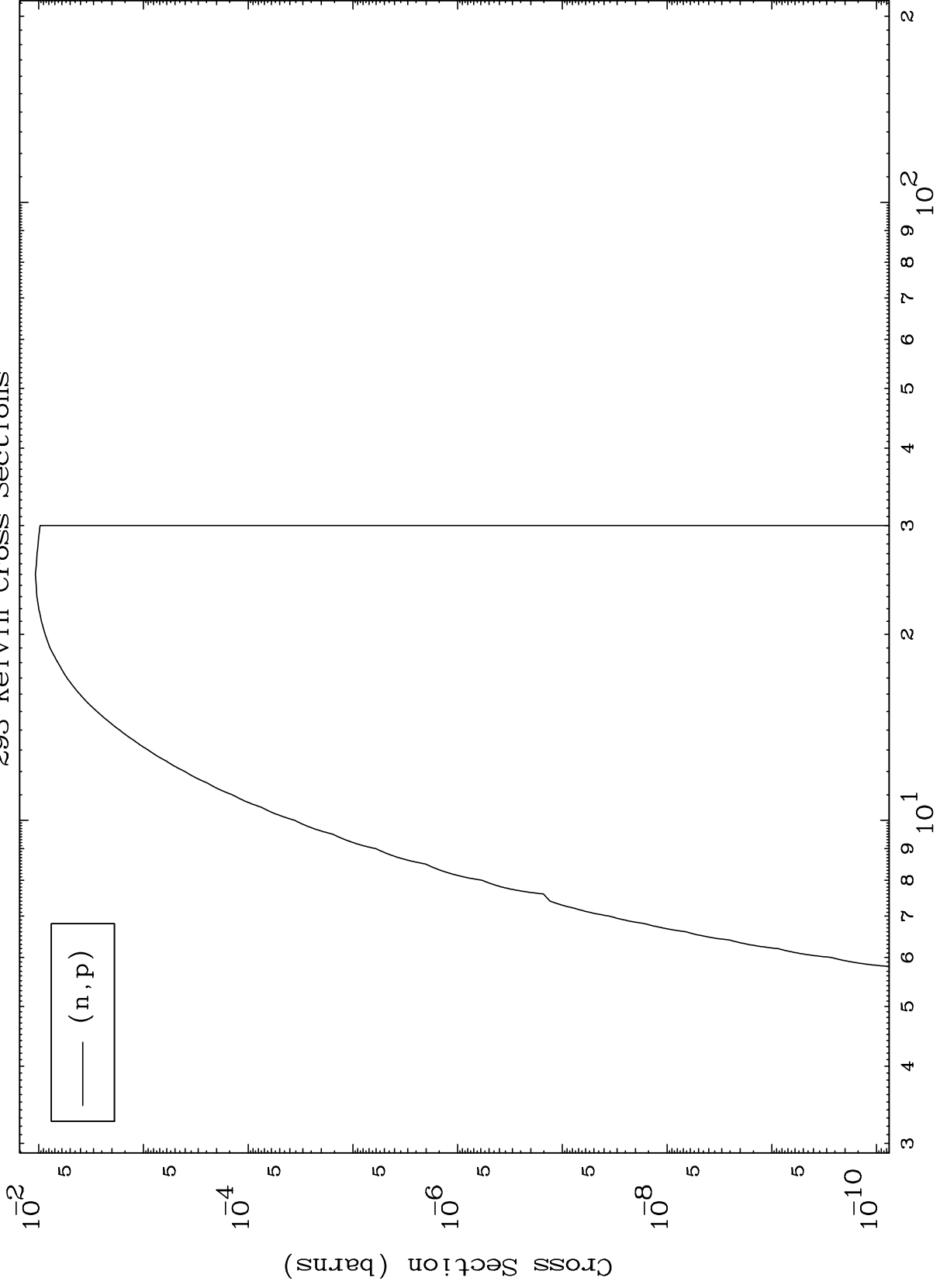
63-Eu-159



MAT 6349

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-159



12

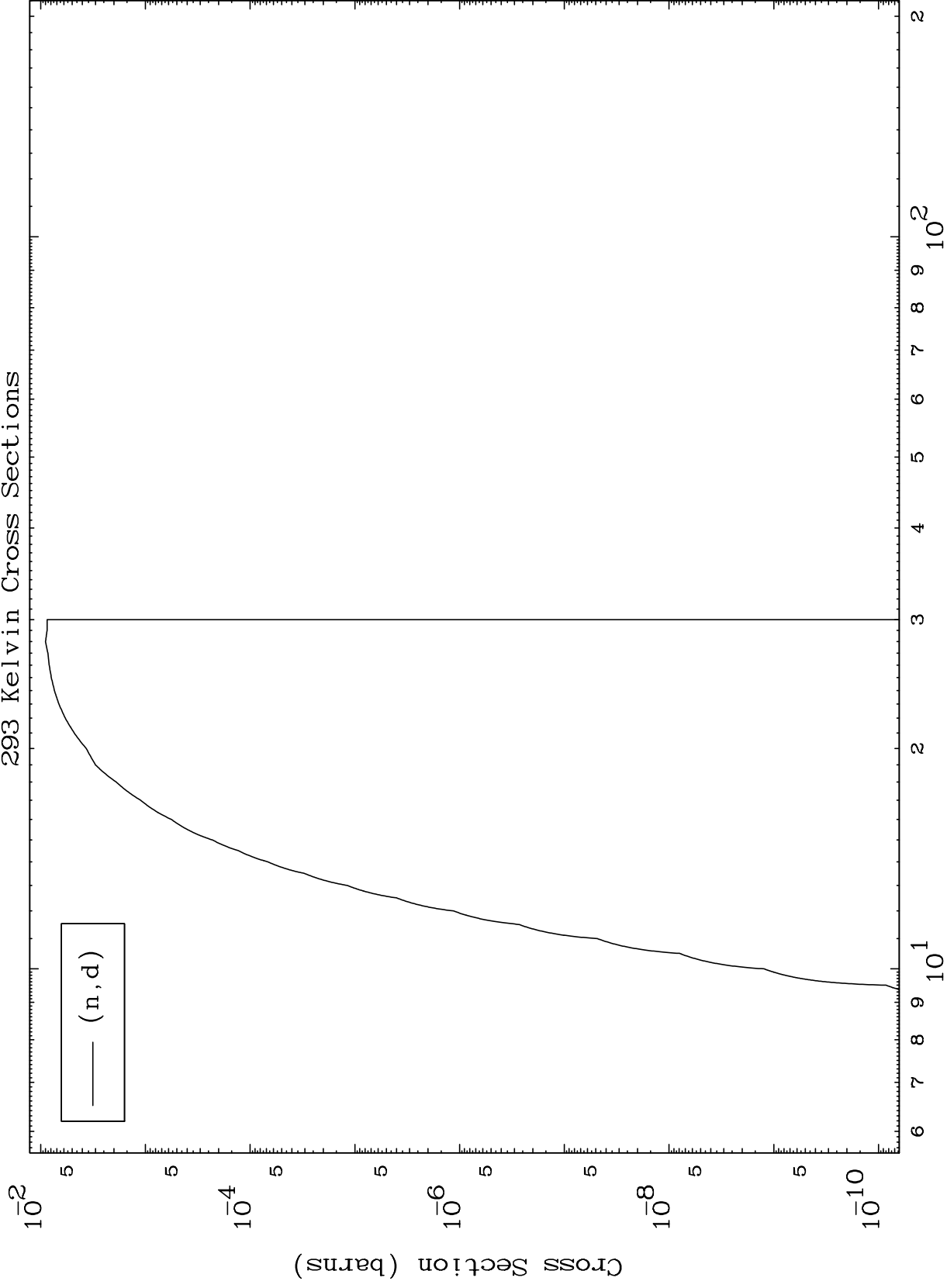
Incident Energy (MeV)

63-Eu-159

MAT 6349

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-159



13

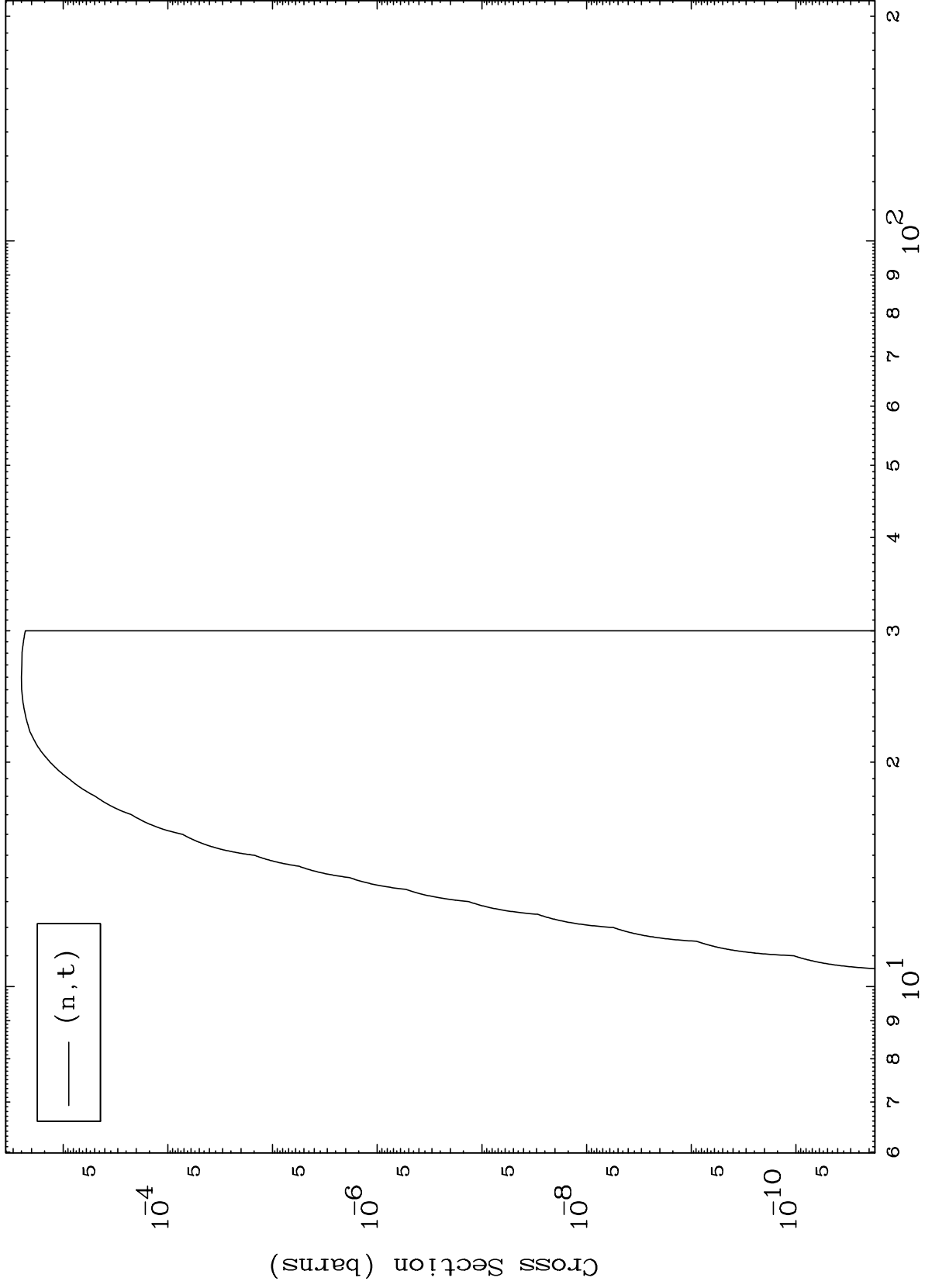
Incident Energy (MeV)

63-Eu-159

MAT 6349

(n,t) Levels
293 Kelvin Cross Sections

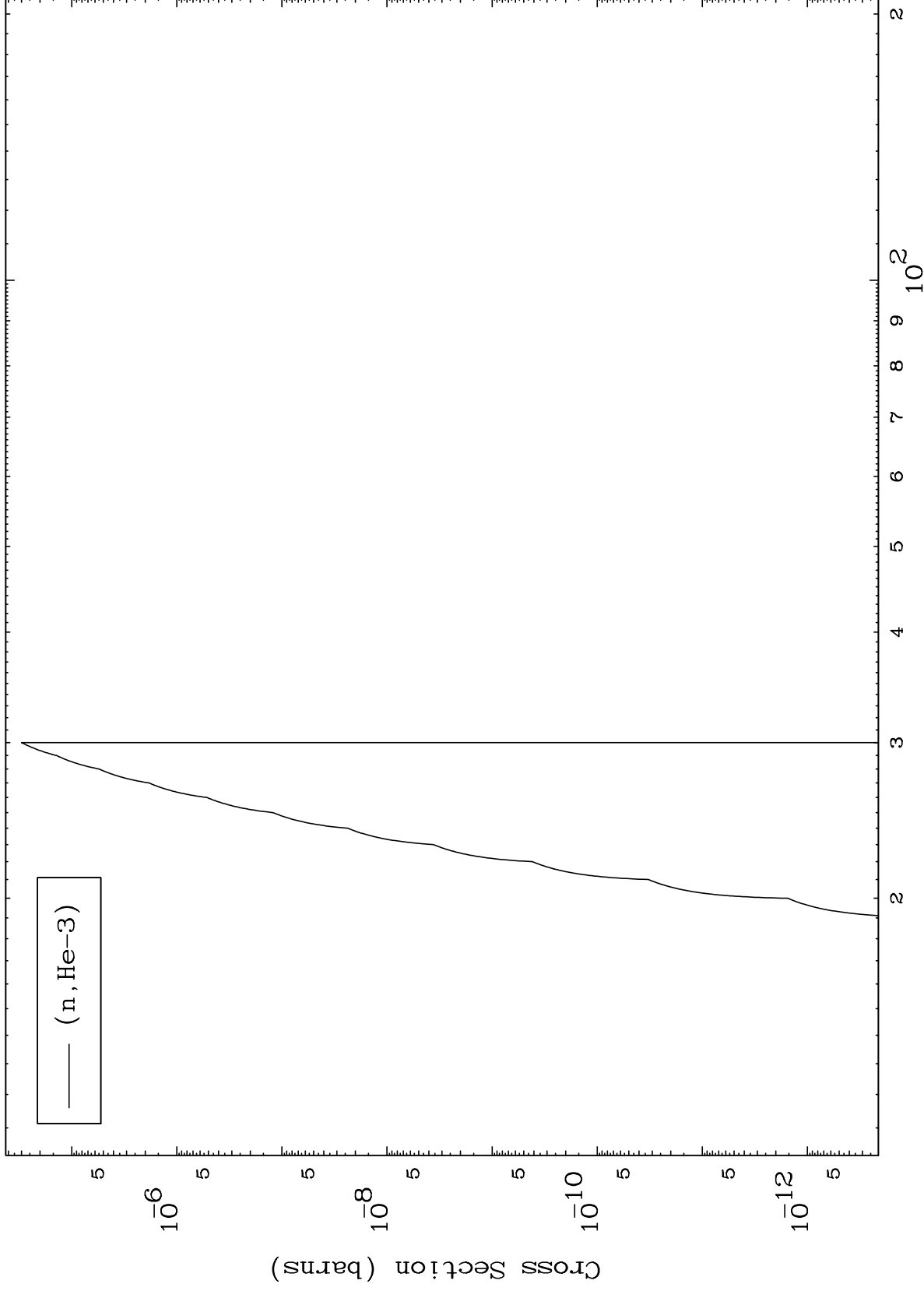
63-Eu-159



14

Incident Energy (MeV)

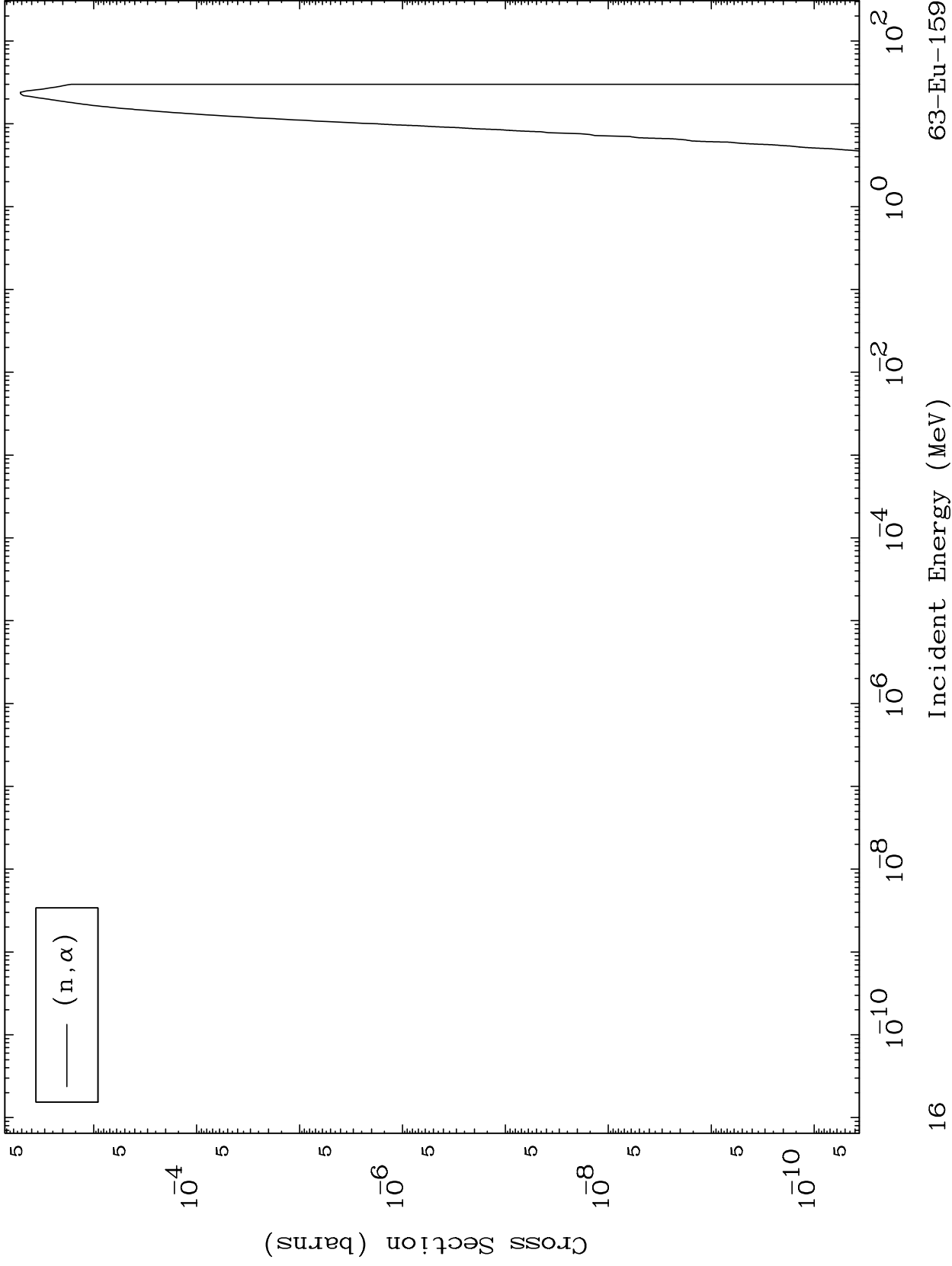
63-Eu-159



MAT 6349

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-159



16

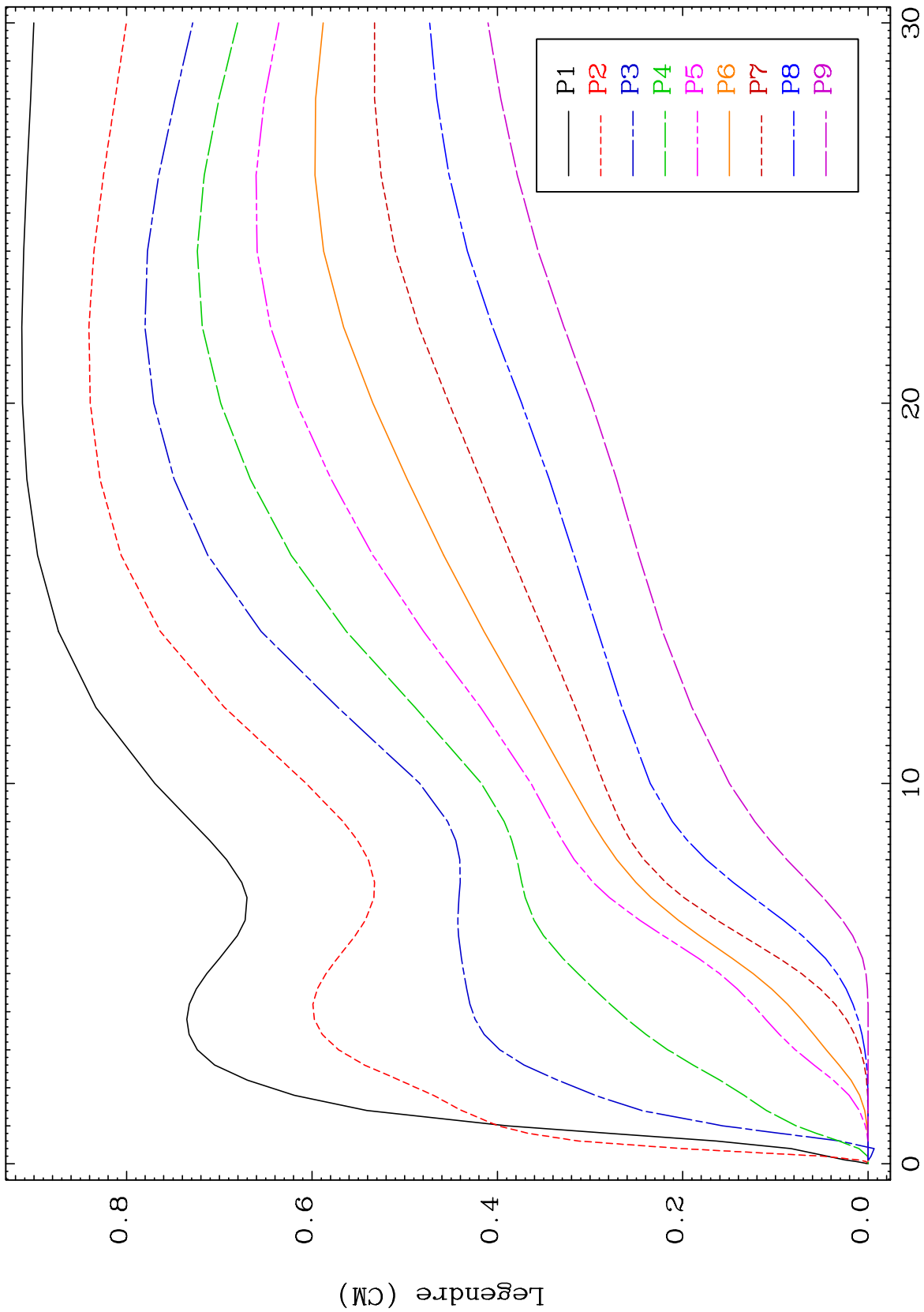
Incident Energy (MeV)

63-Eu-159

MAT 6349

Elastic Legendre Coefficients

63-Eu-159



17

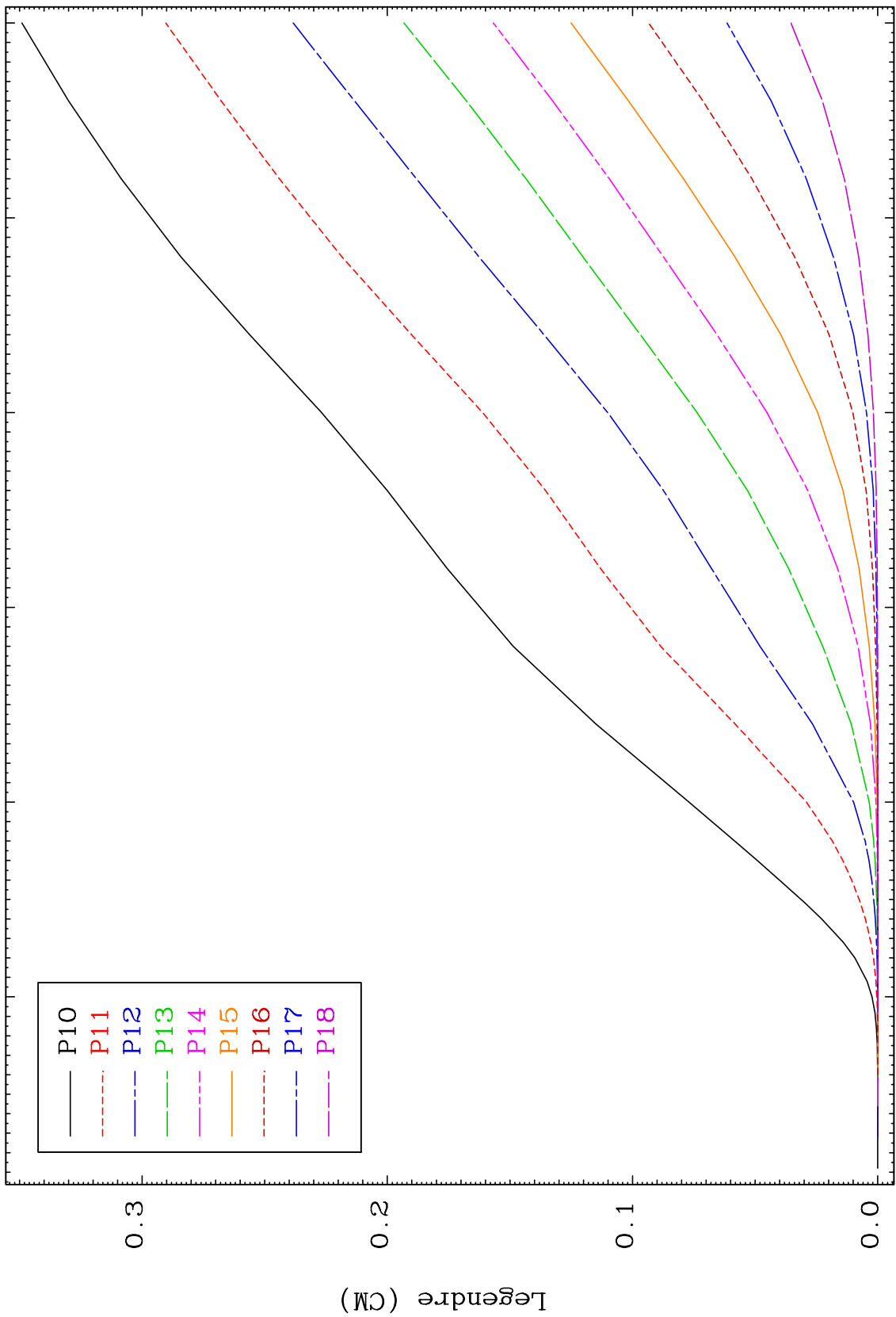
Incident Energy (MeV)

63-Eu-159

MAT 6349

Elastic Legendre Coefficients

63-Eu-159



18

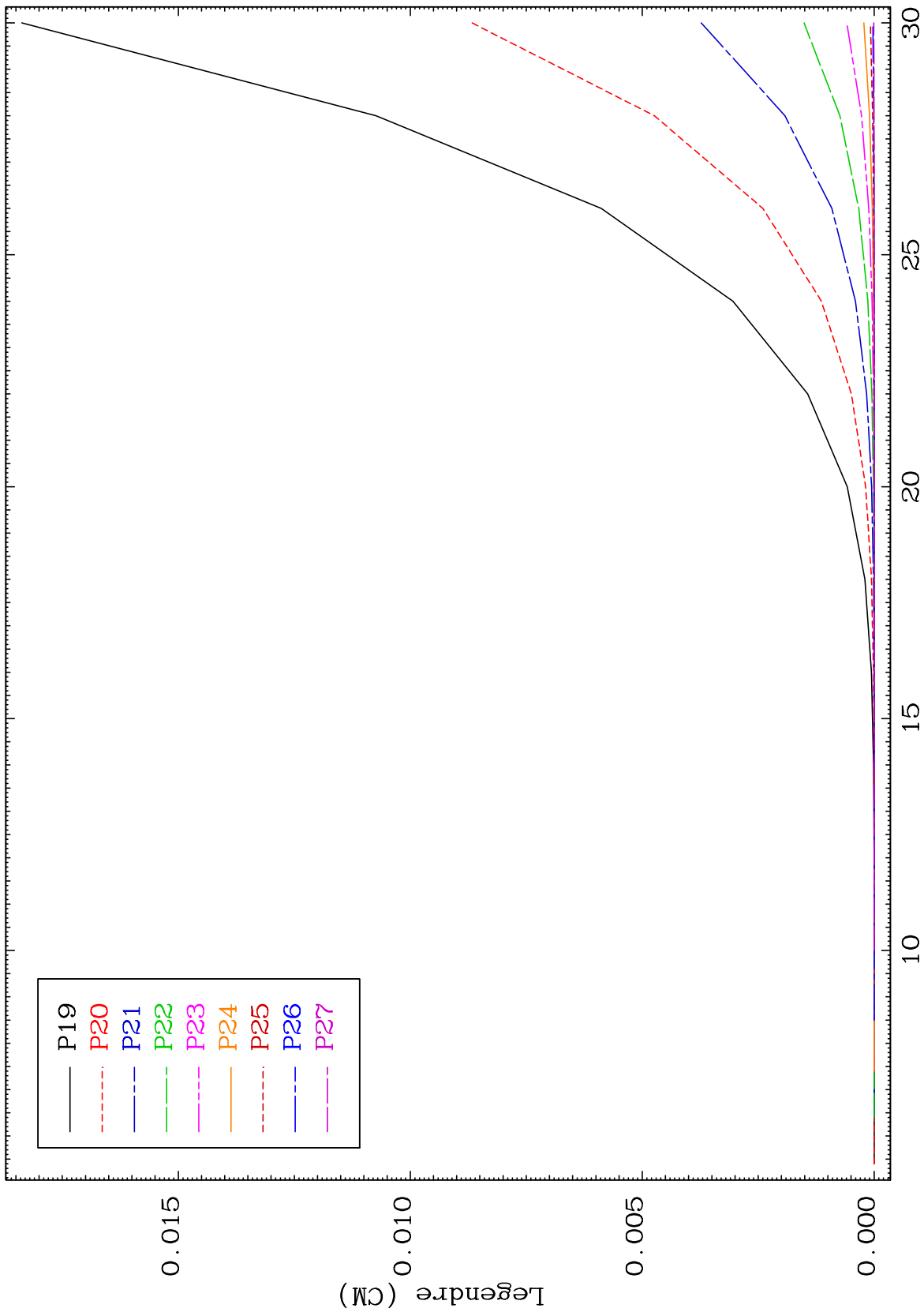
Incident Energy (MeV)

63-Eu-159

MAT 6349

Elastic Legendre Coefficients

63-Eu-159



19

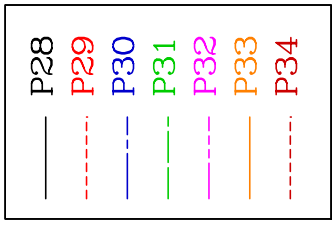
Incident Energy (MeV)

63-Eu-159

MAT 6349

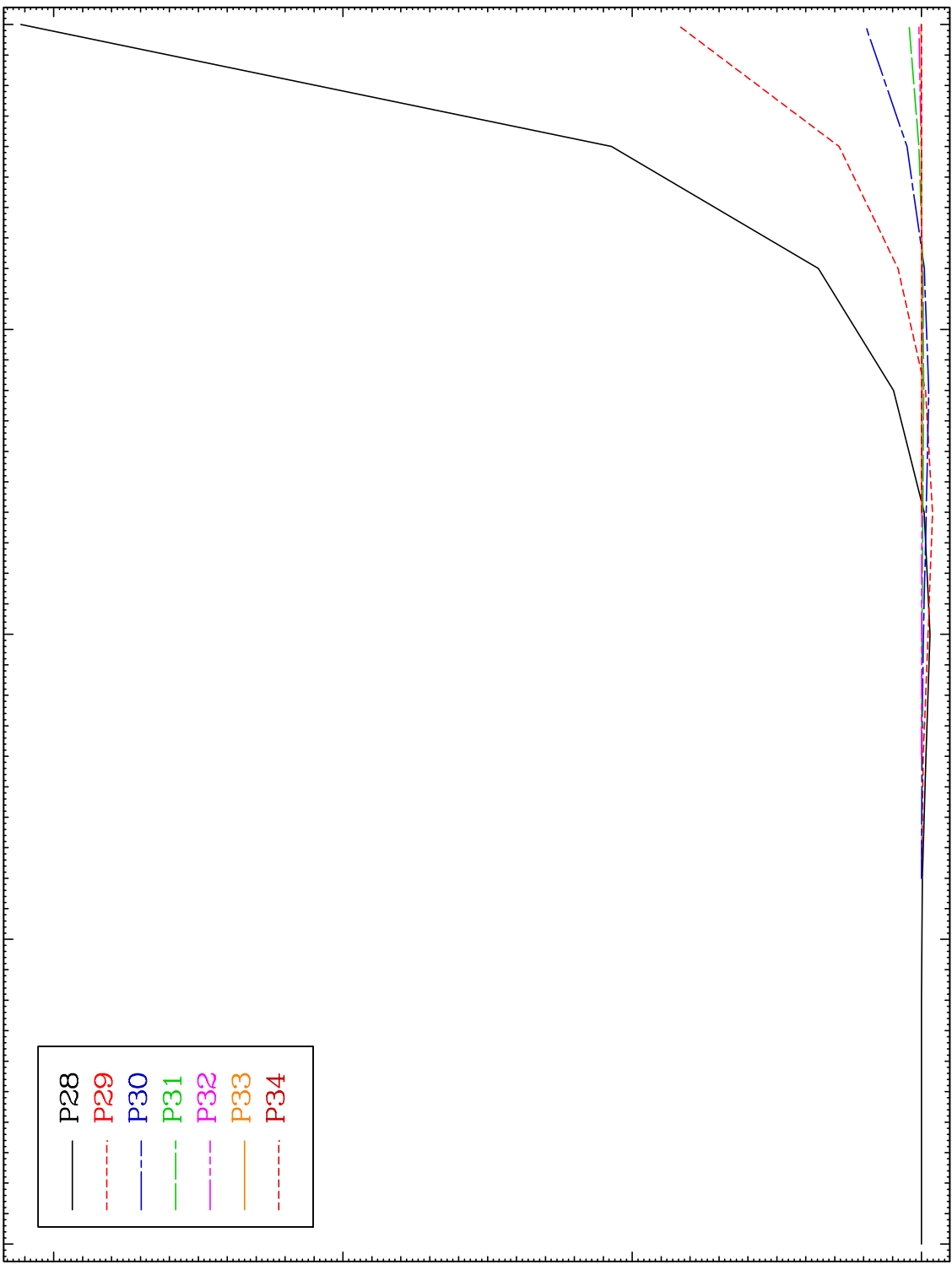
Elastic Legendre Coefficients

63-Eu-159



$\times 10^{-63}$

Legendre (CM)



20

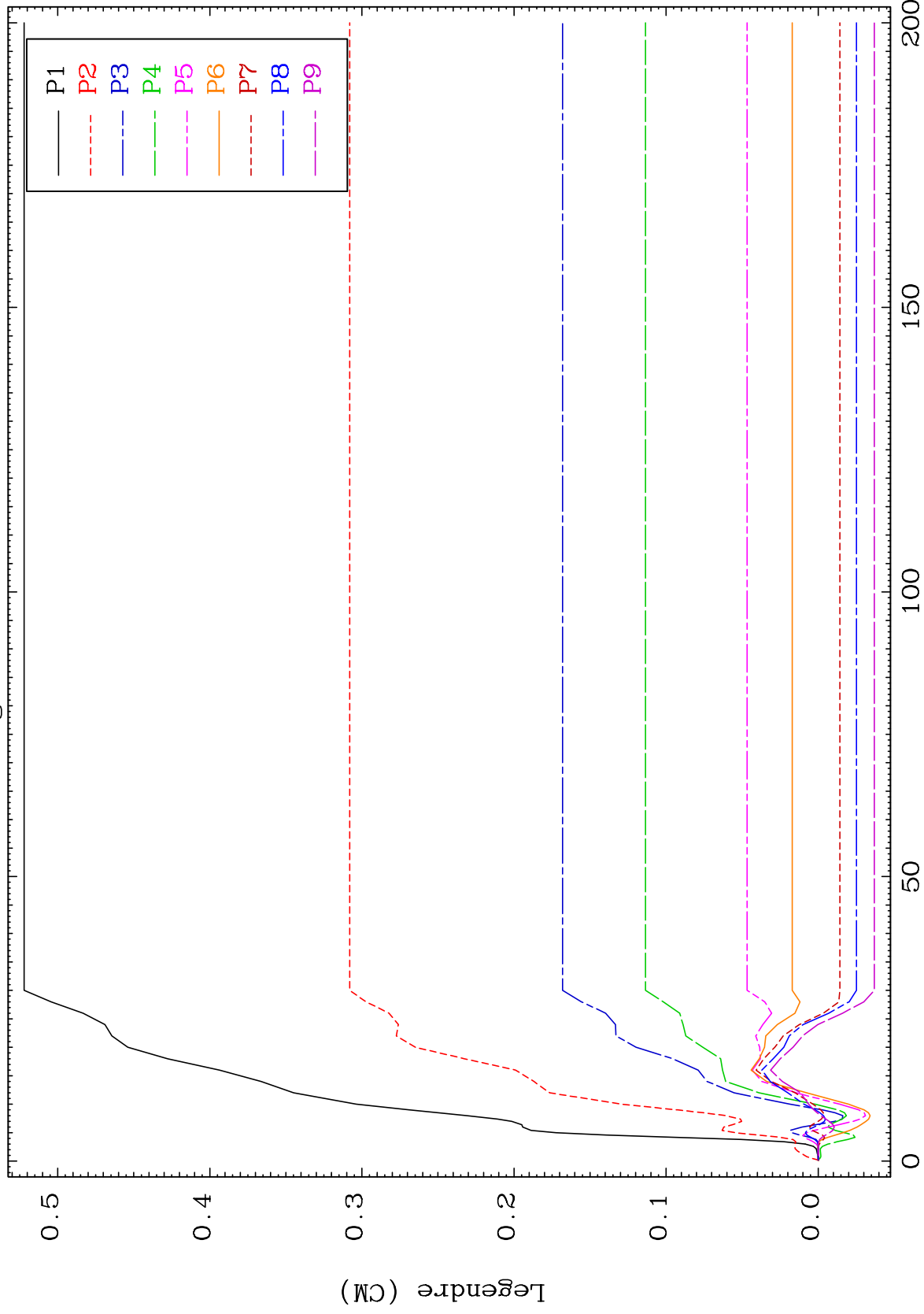
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



63-Eu-159

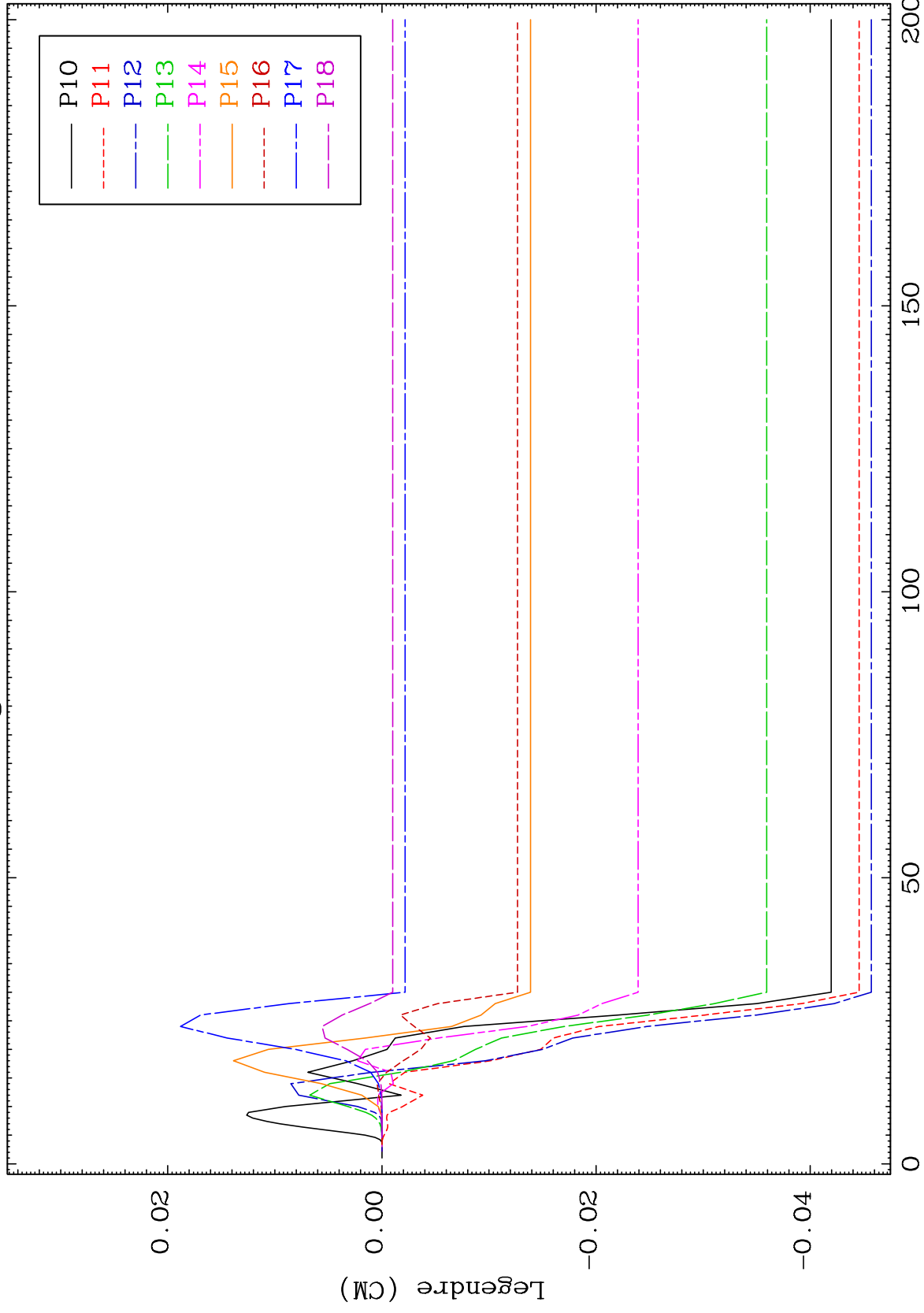
Incident Energy (MeV)

21

MAT 6349

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

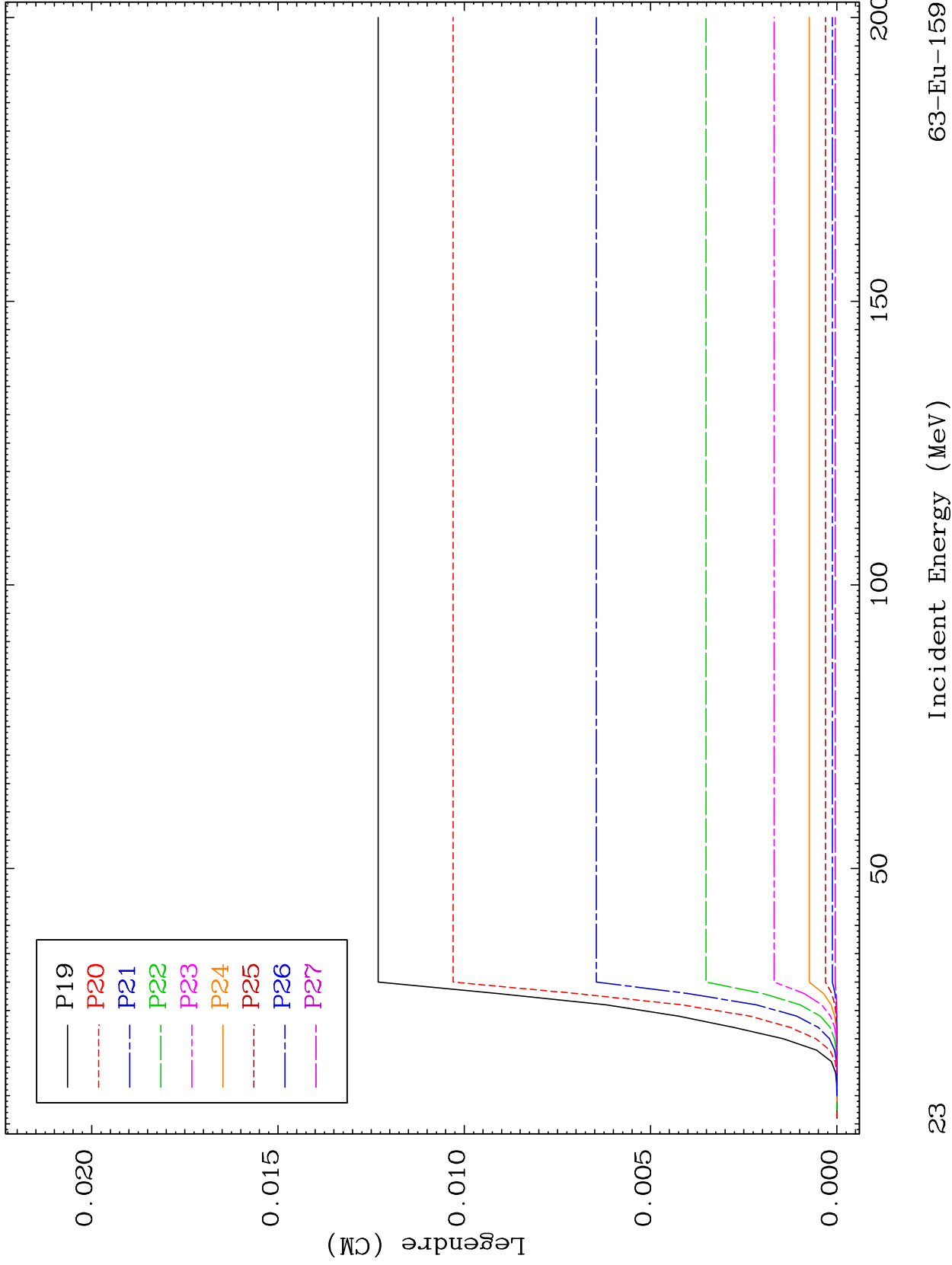
63-Eu-159



22

Incident Energy (MeV)

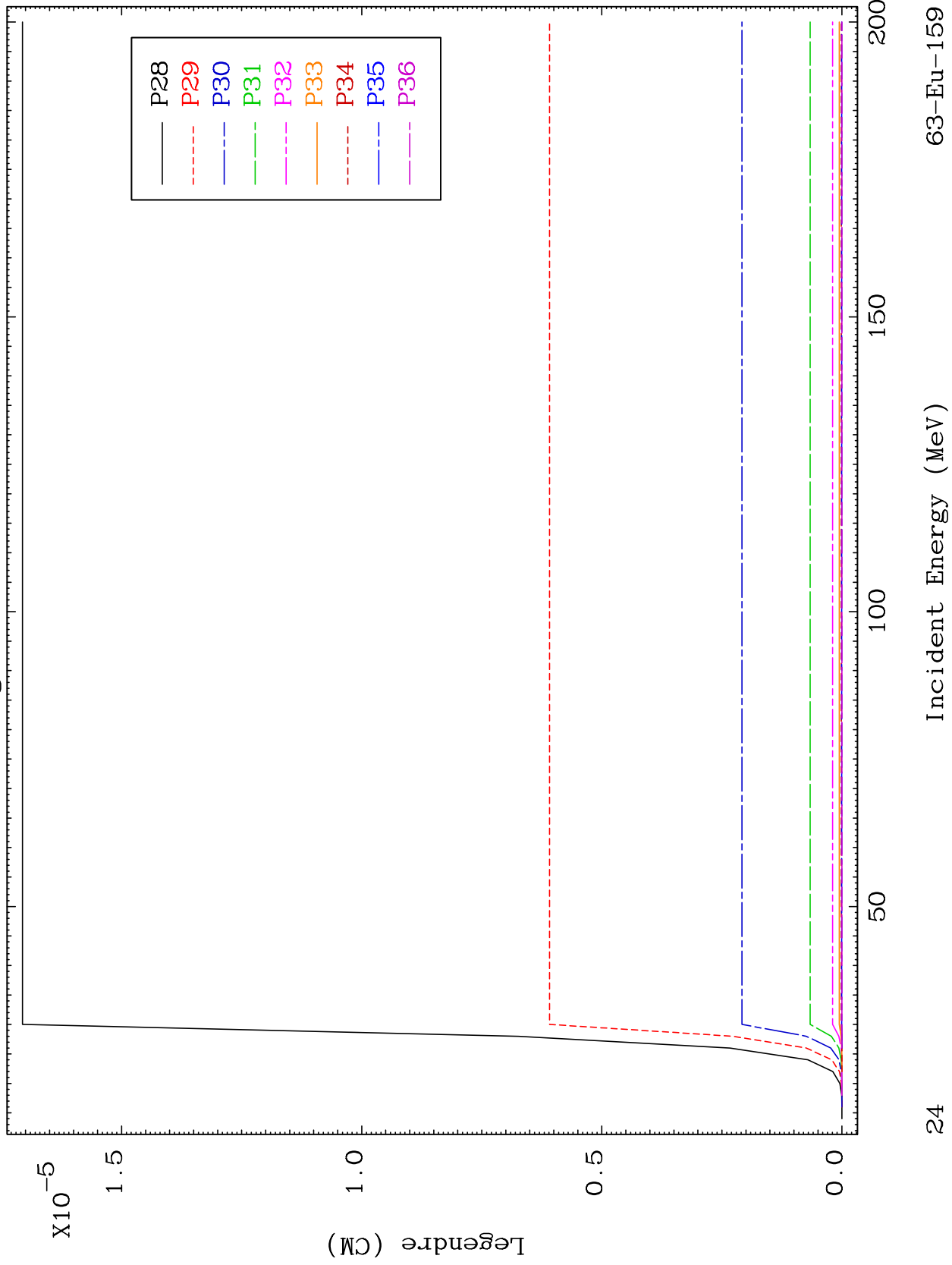
63-Eu-159



MAT 6349

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

63-Eu-159



24

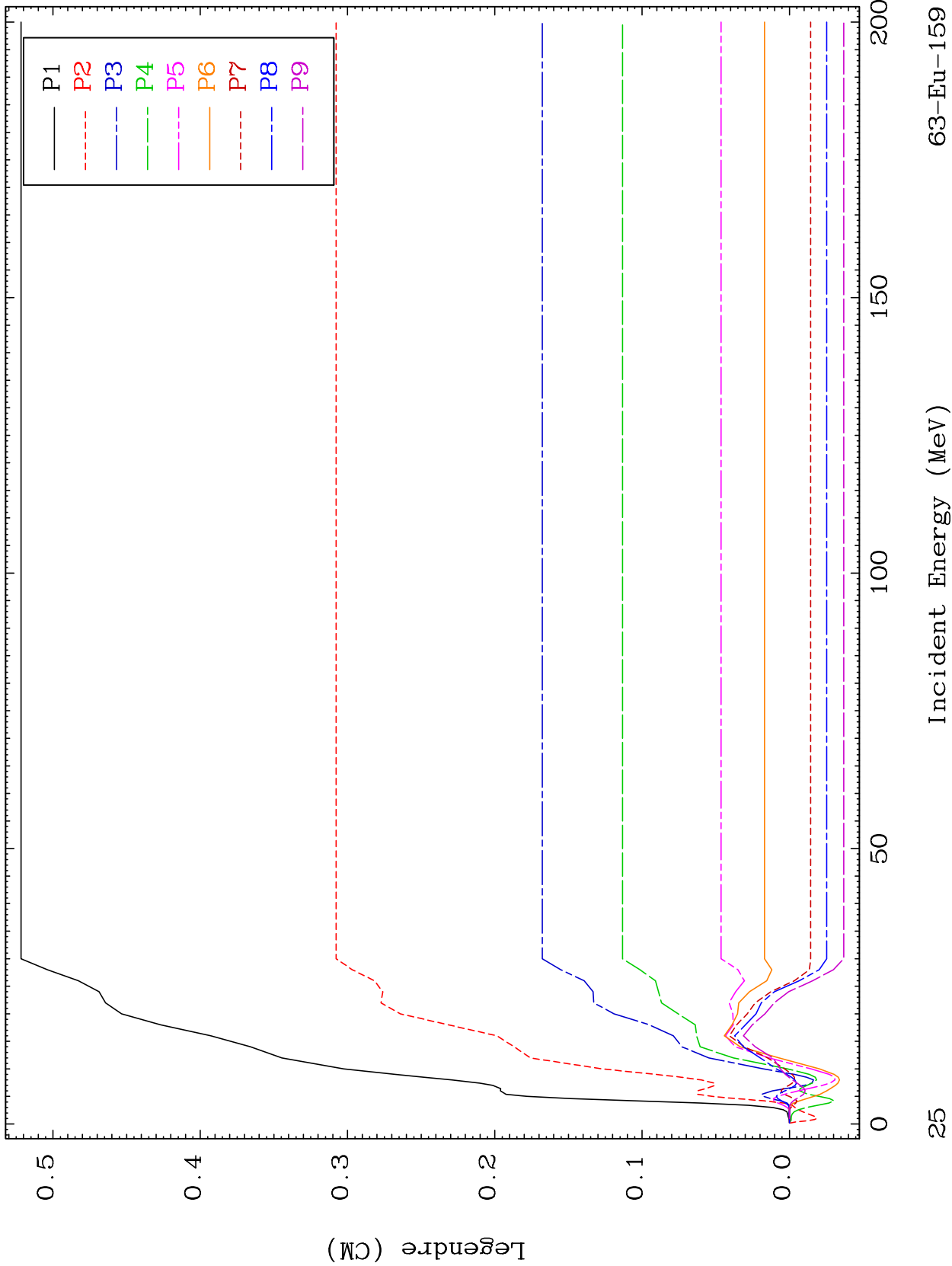
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

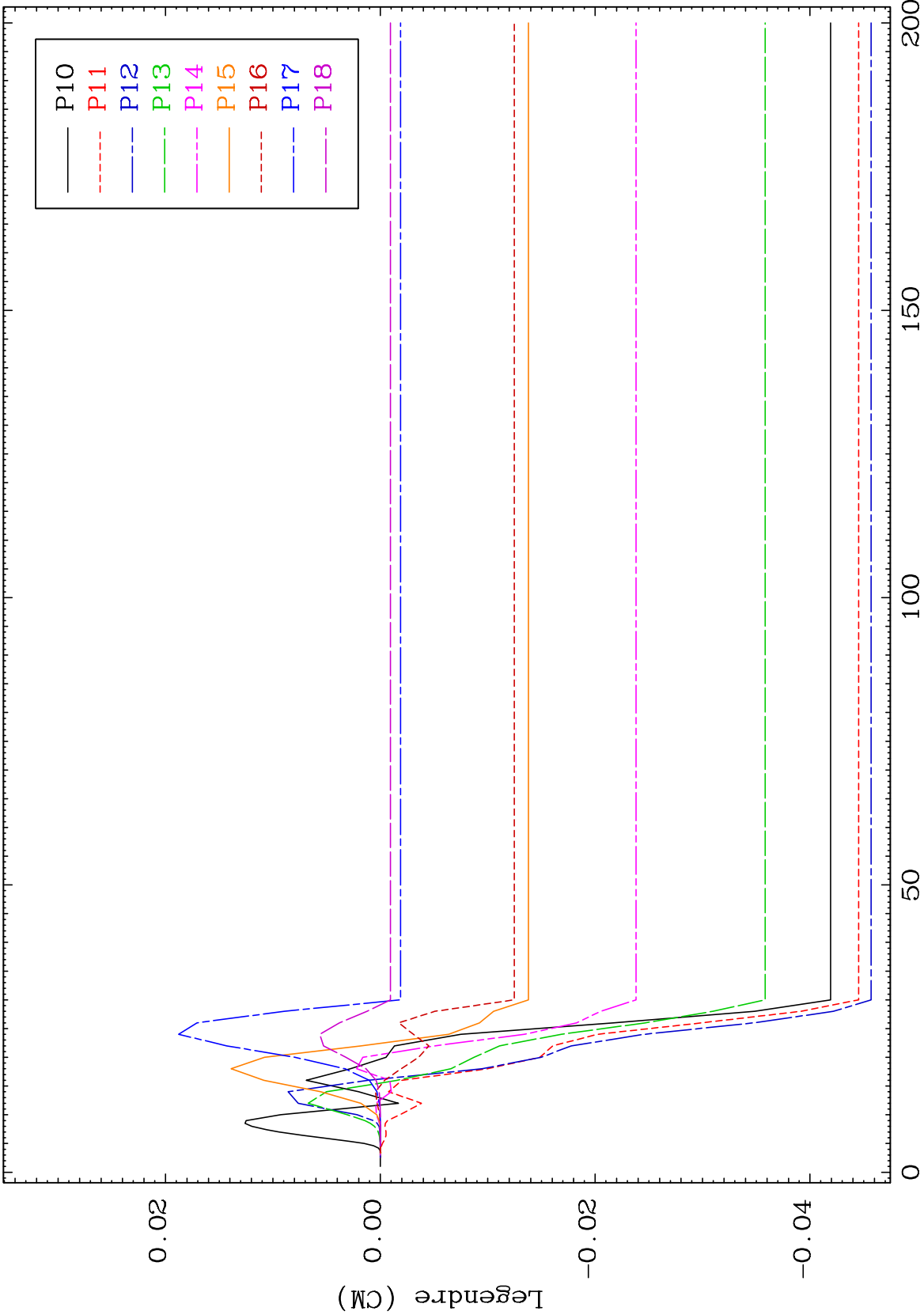
63-Eu-159



MAT 6349

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

63-Eu-159



26

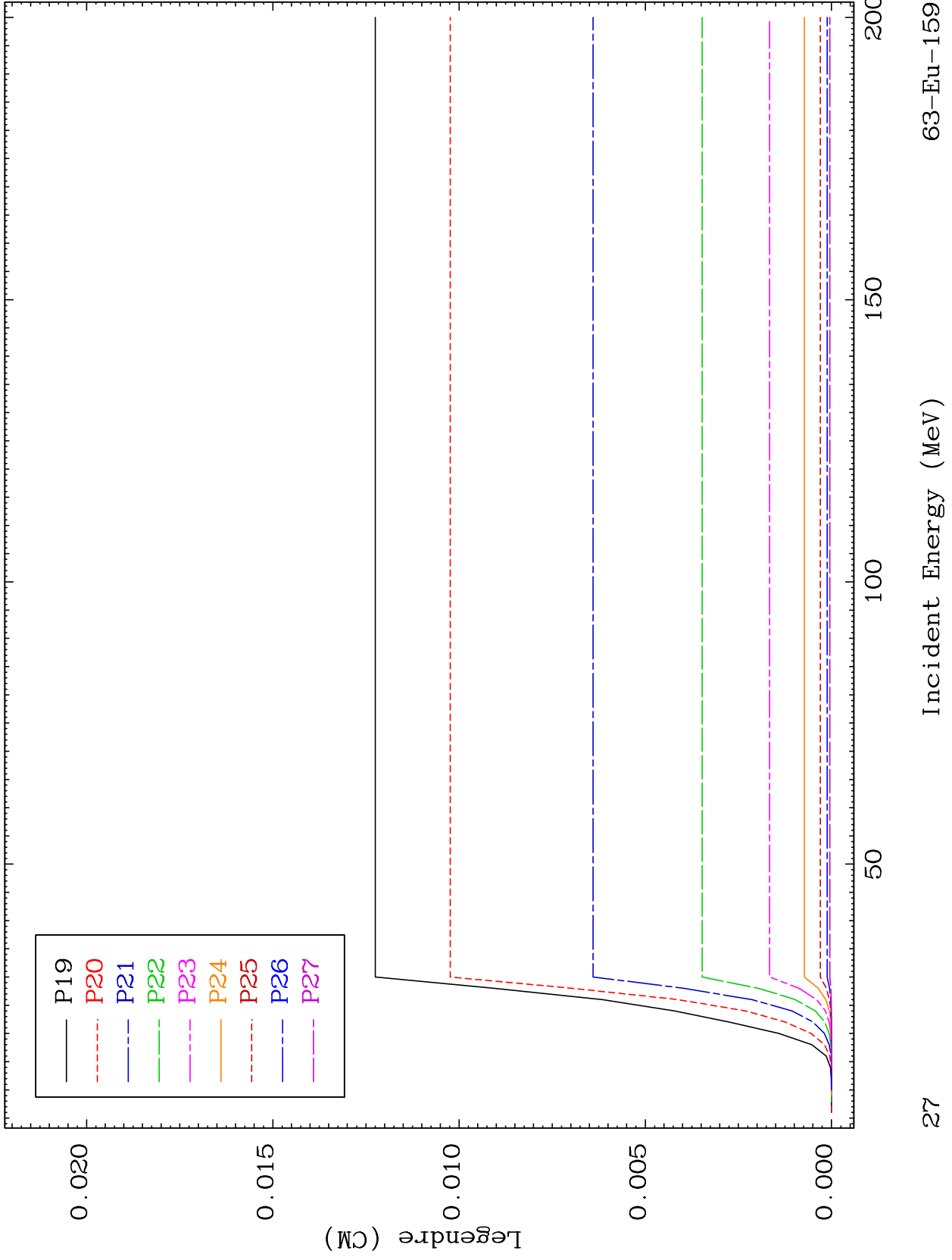
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

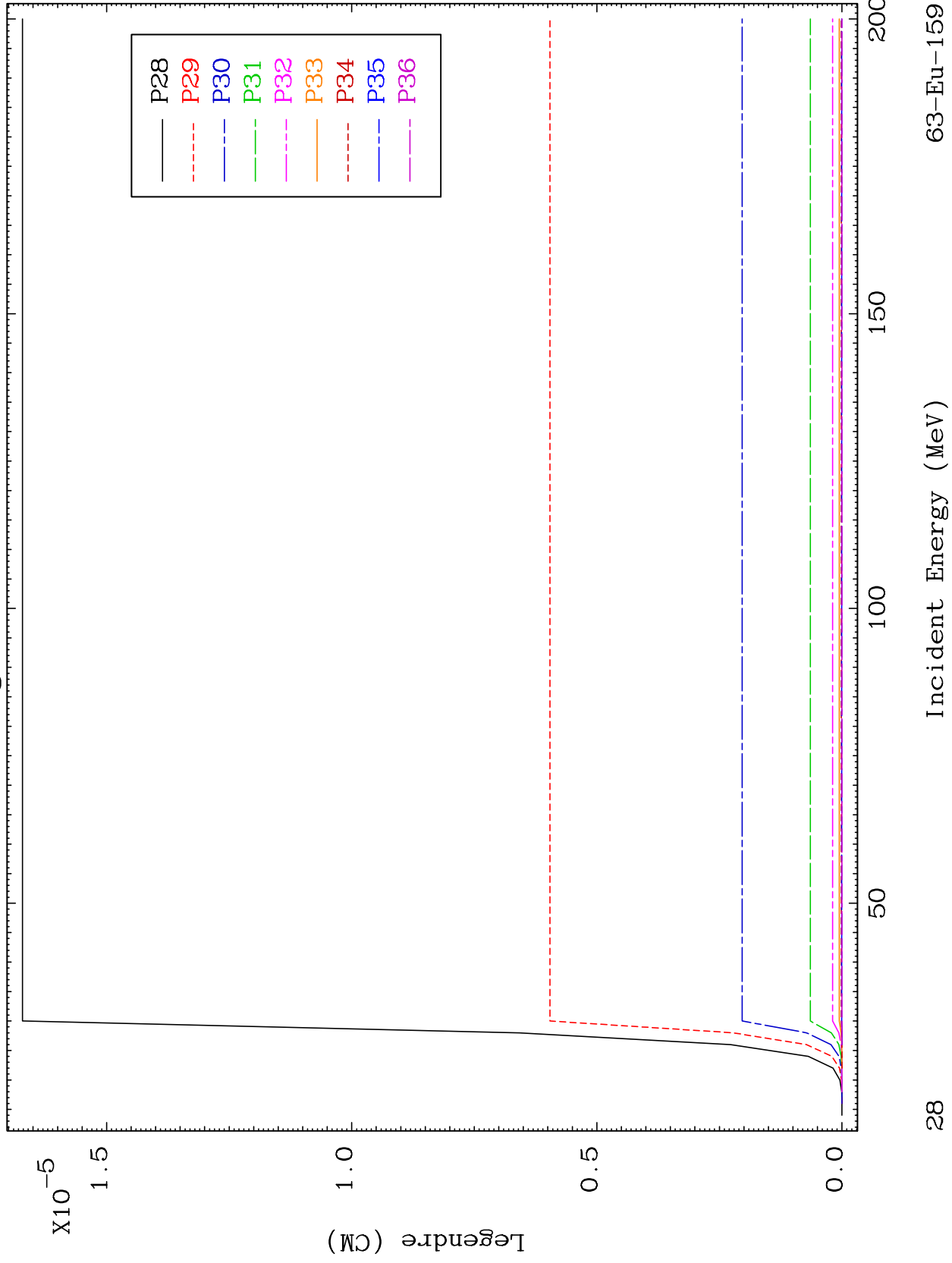
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MAT 6349

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

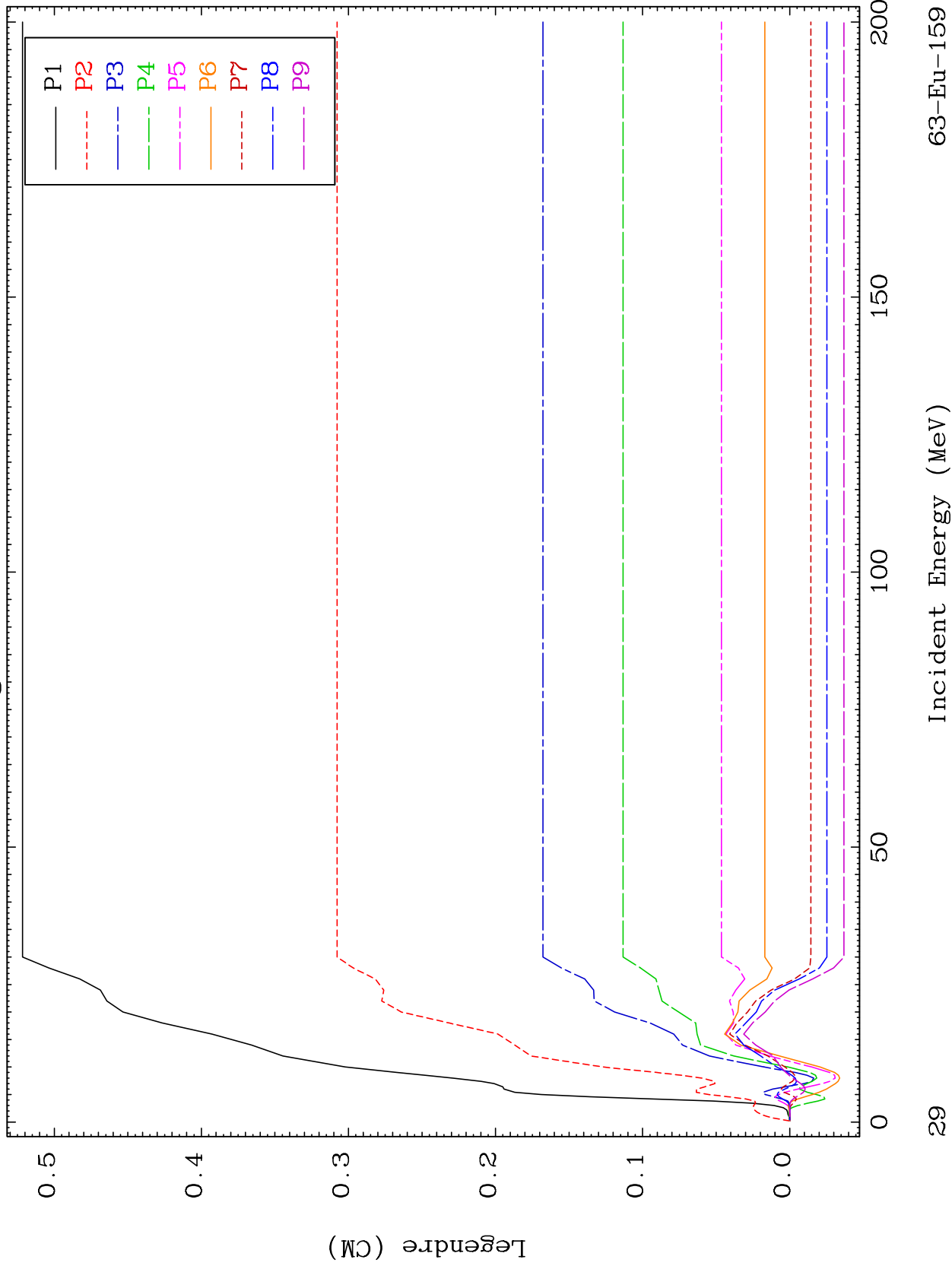
63-Eu-159



MAT 6349

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

63-Eu-159



63-Eu-159

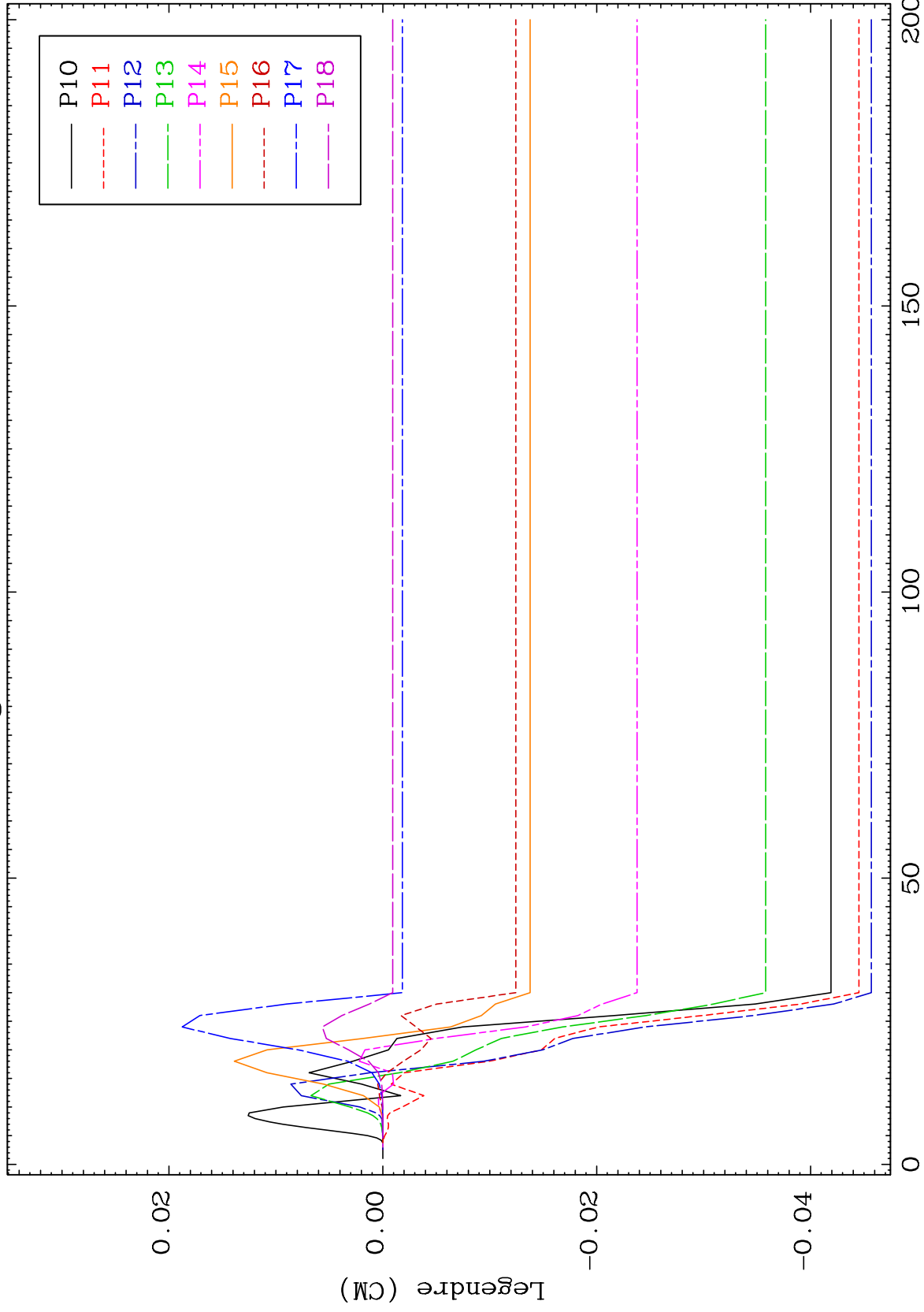
Incident Energy (MeV)

29

MAT 6349

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

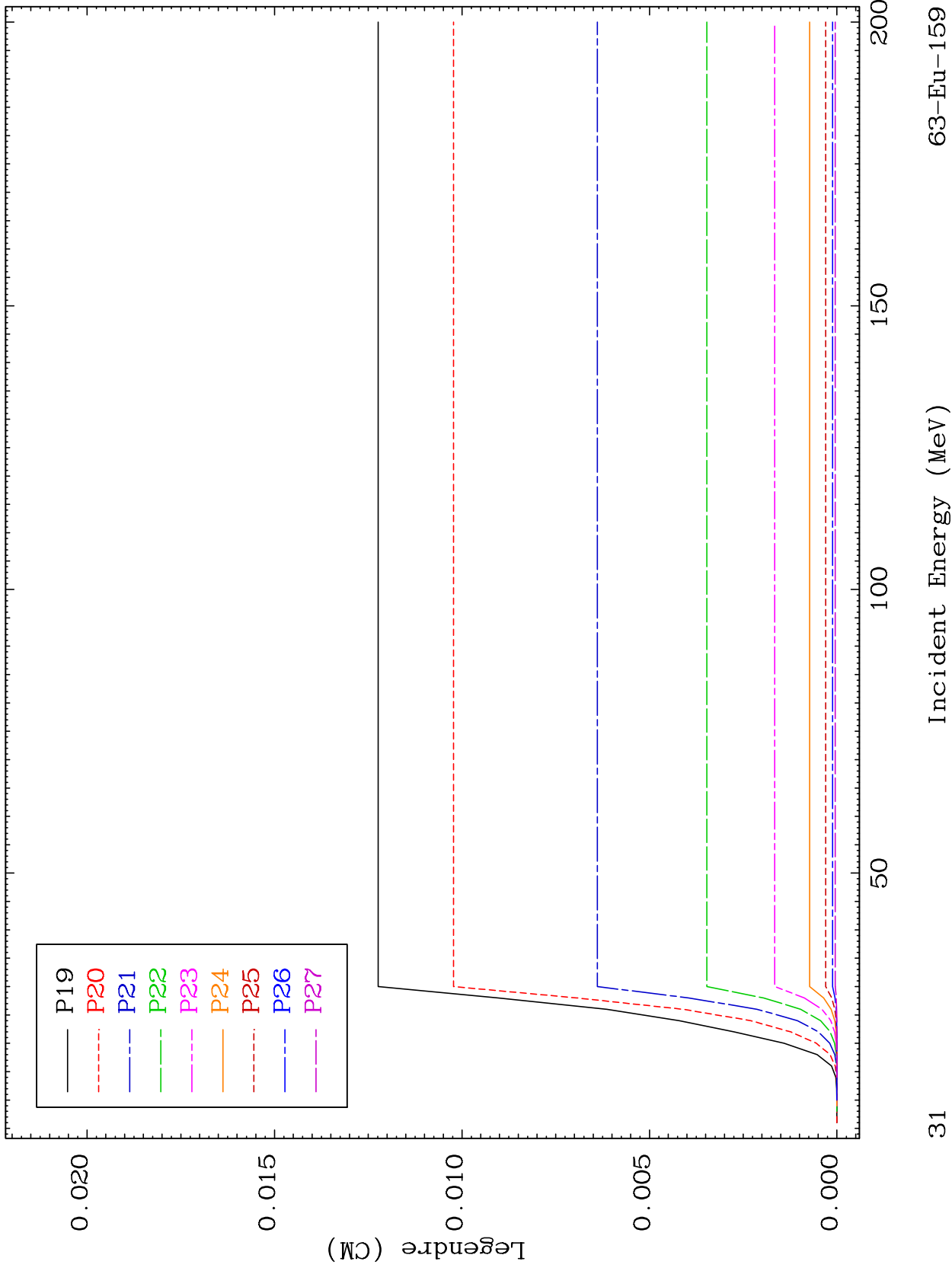
63-Eu-159



63-Eu-159

Incident Energy (MeV)

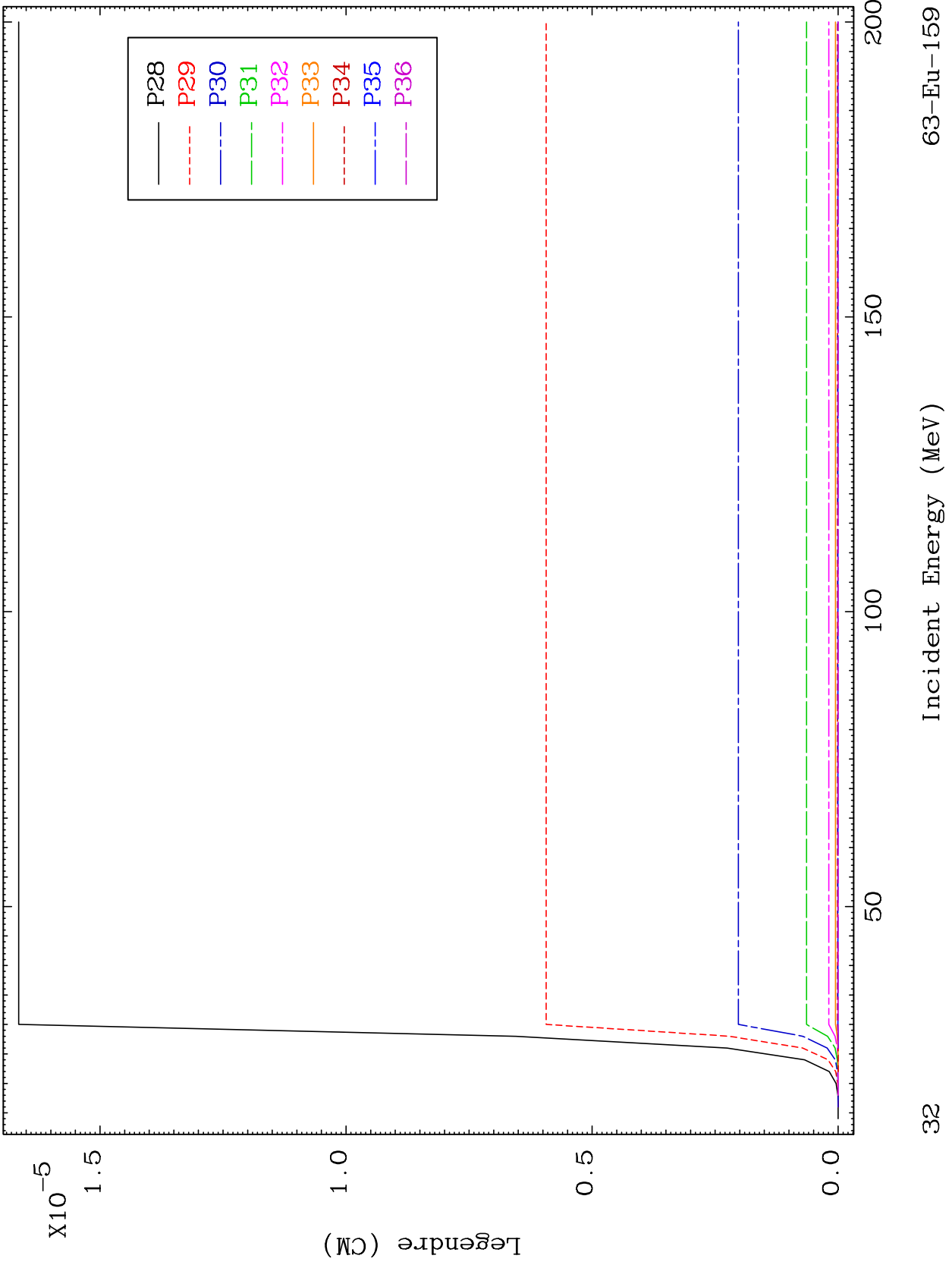
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MAT 6349

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

63-Eu-159



32

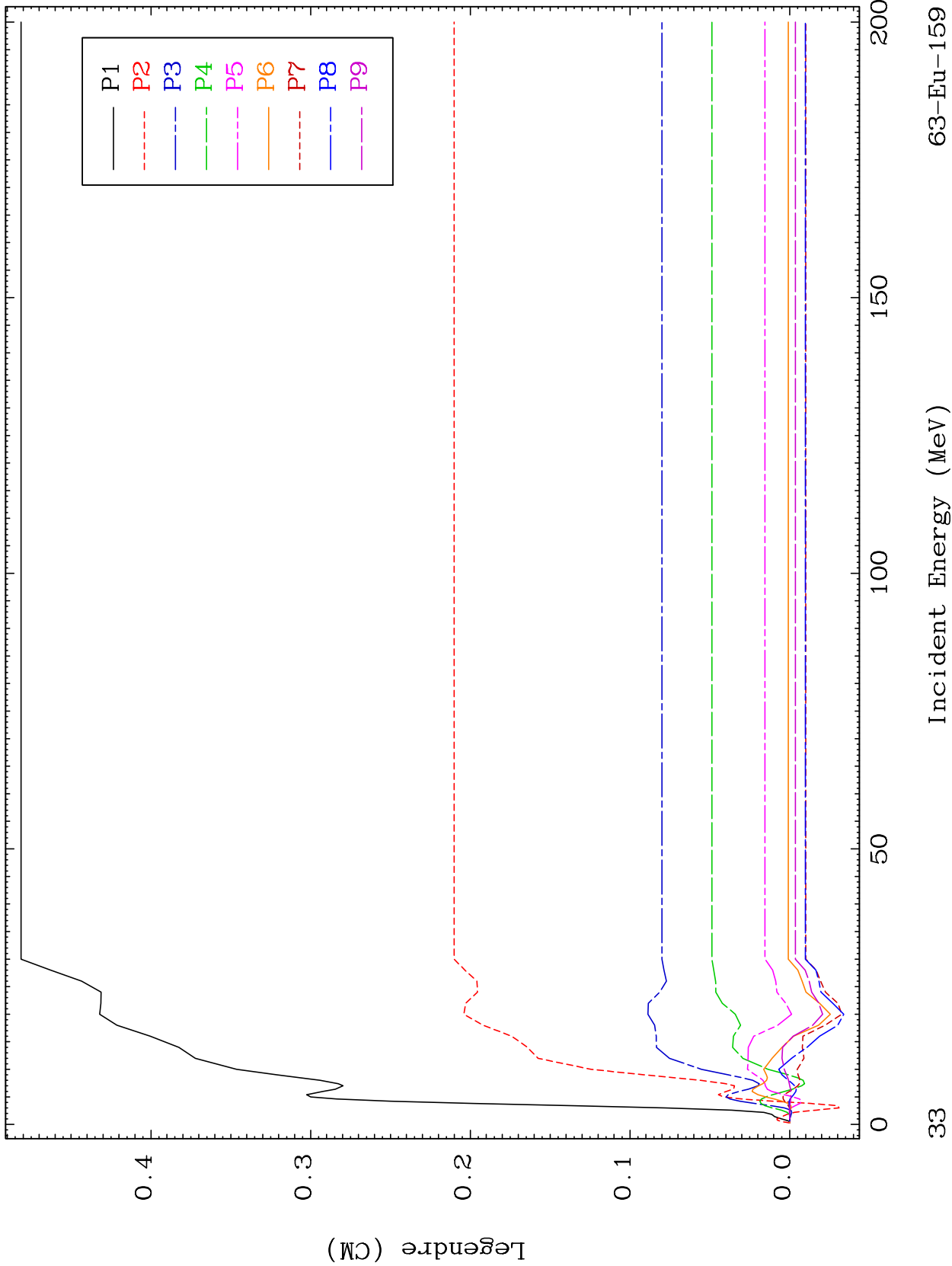
Incident Energy (MeV)

63-Eu-159

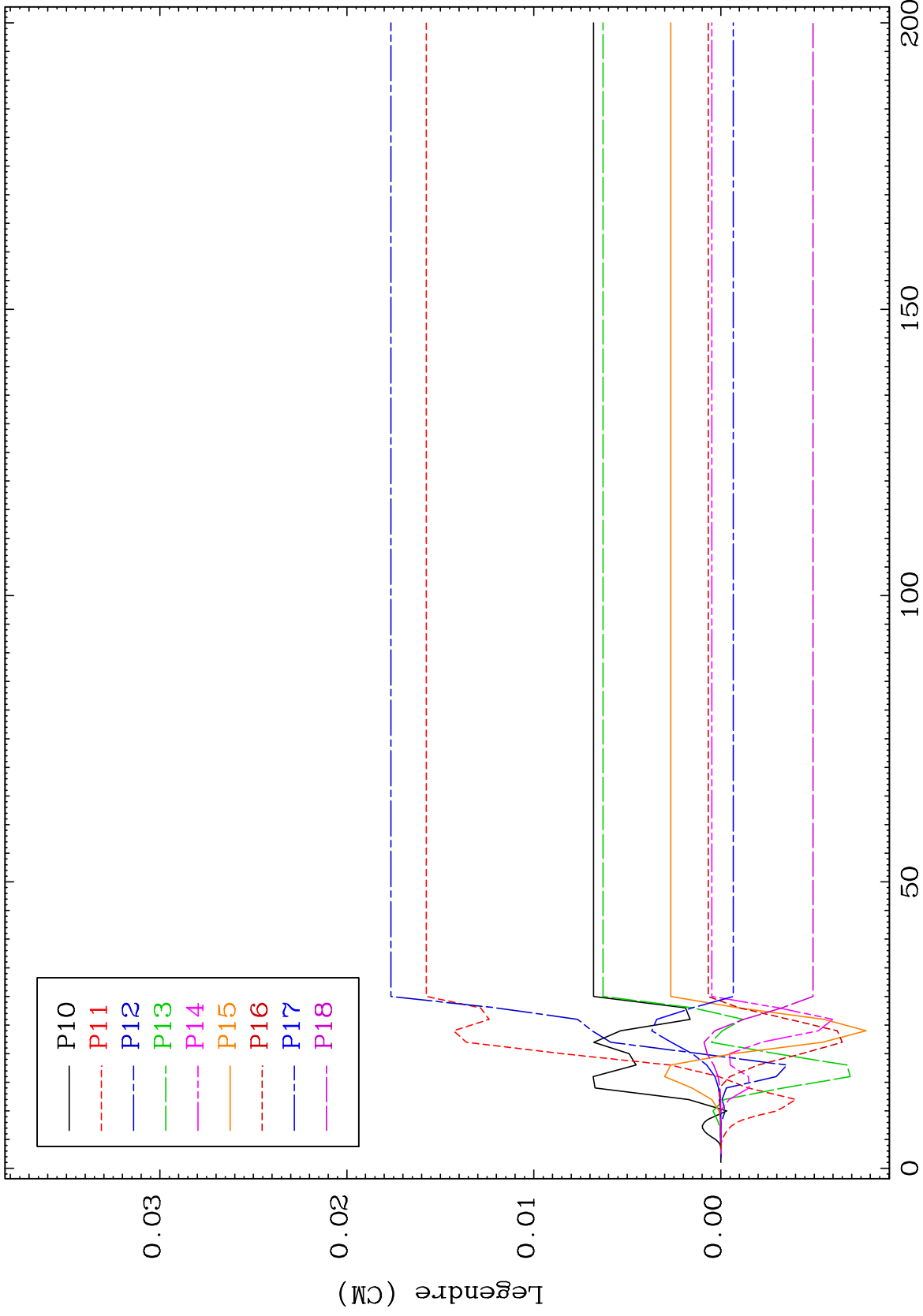
MAT 6349

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

63-Eu-159



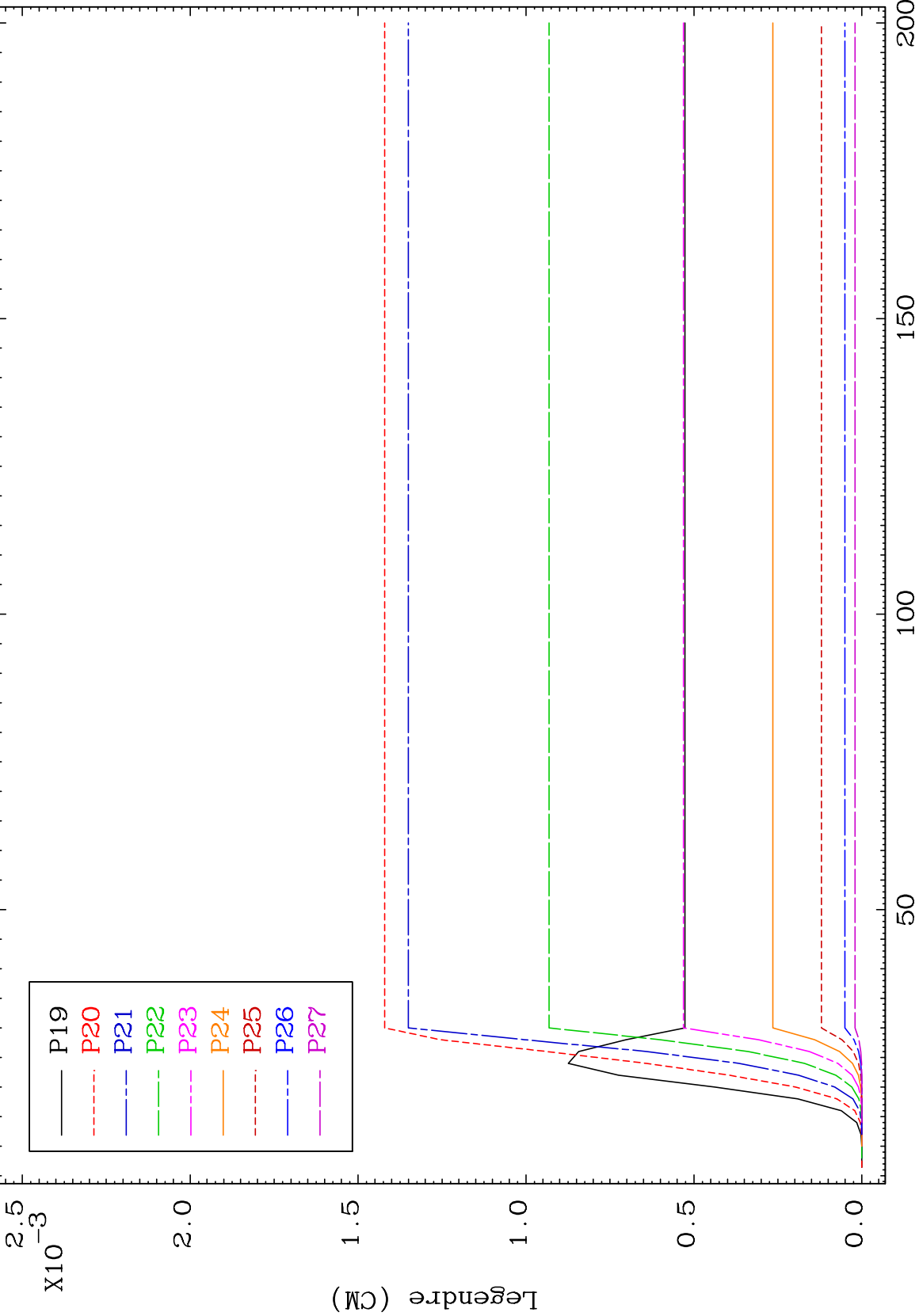
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MAT 6349

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

63-Eu-159



35

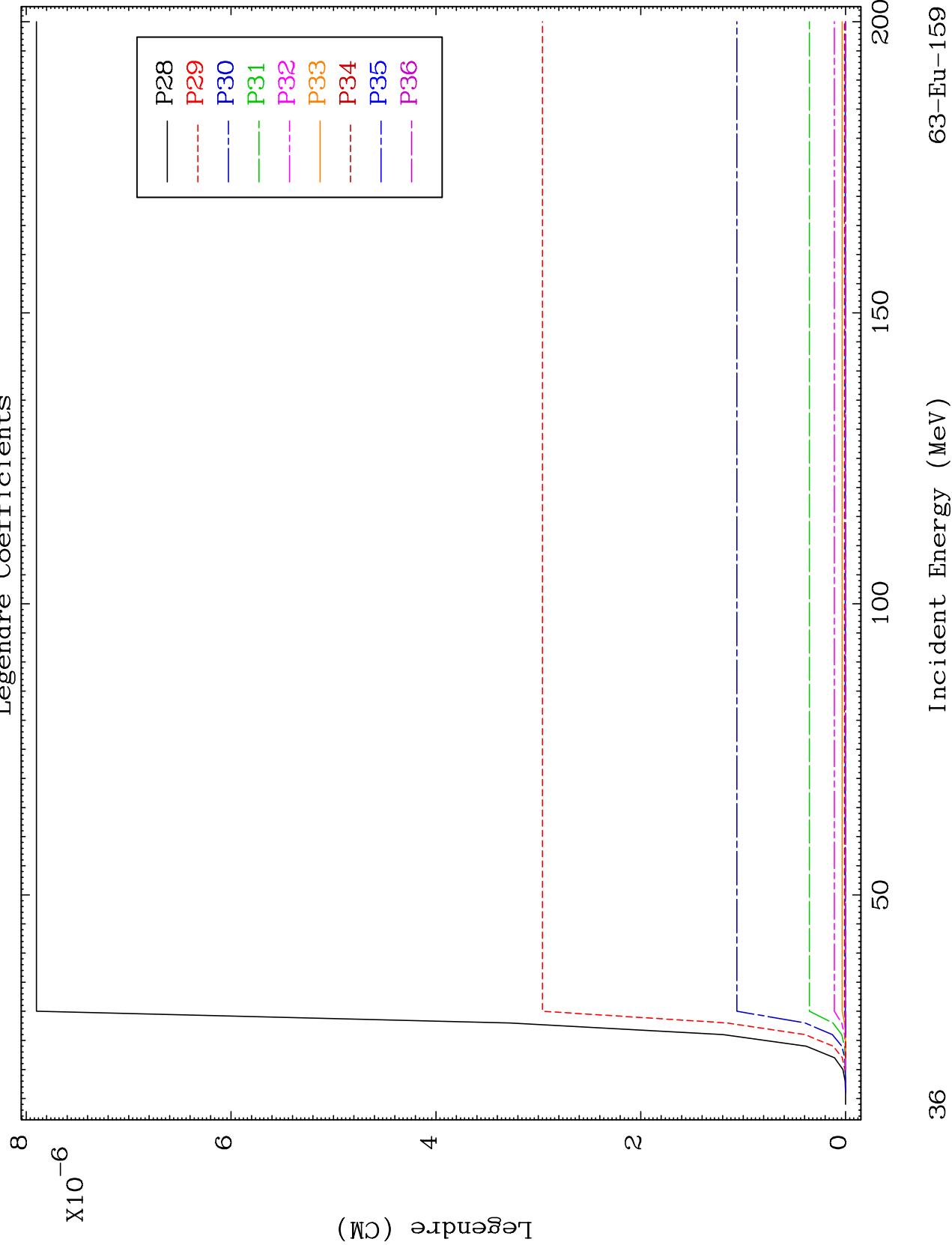
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



36

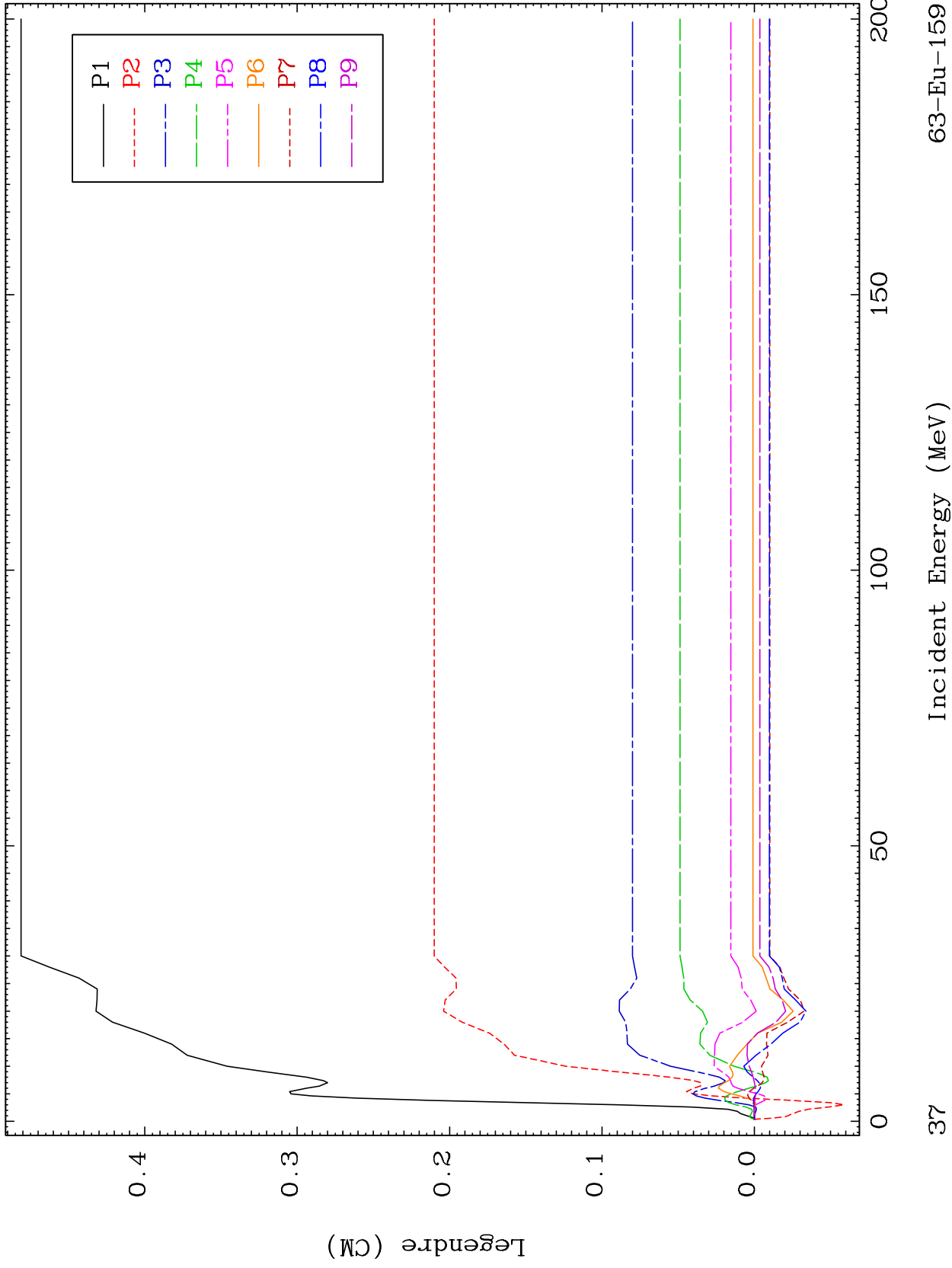
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



37

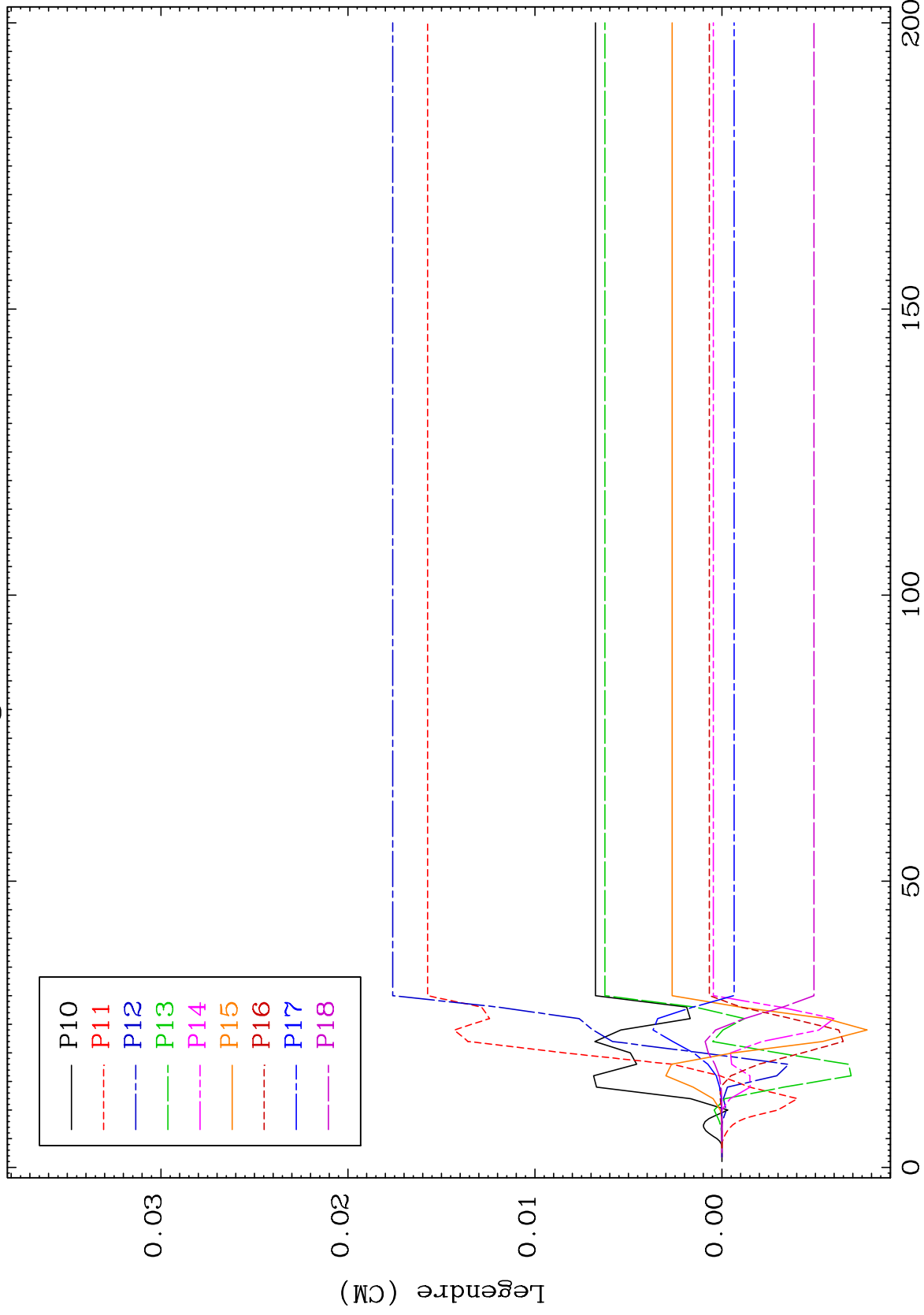
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

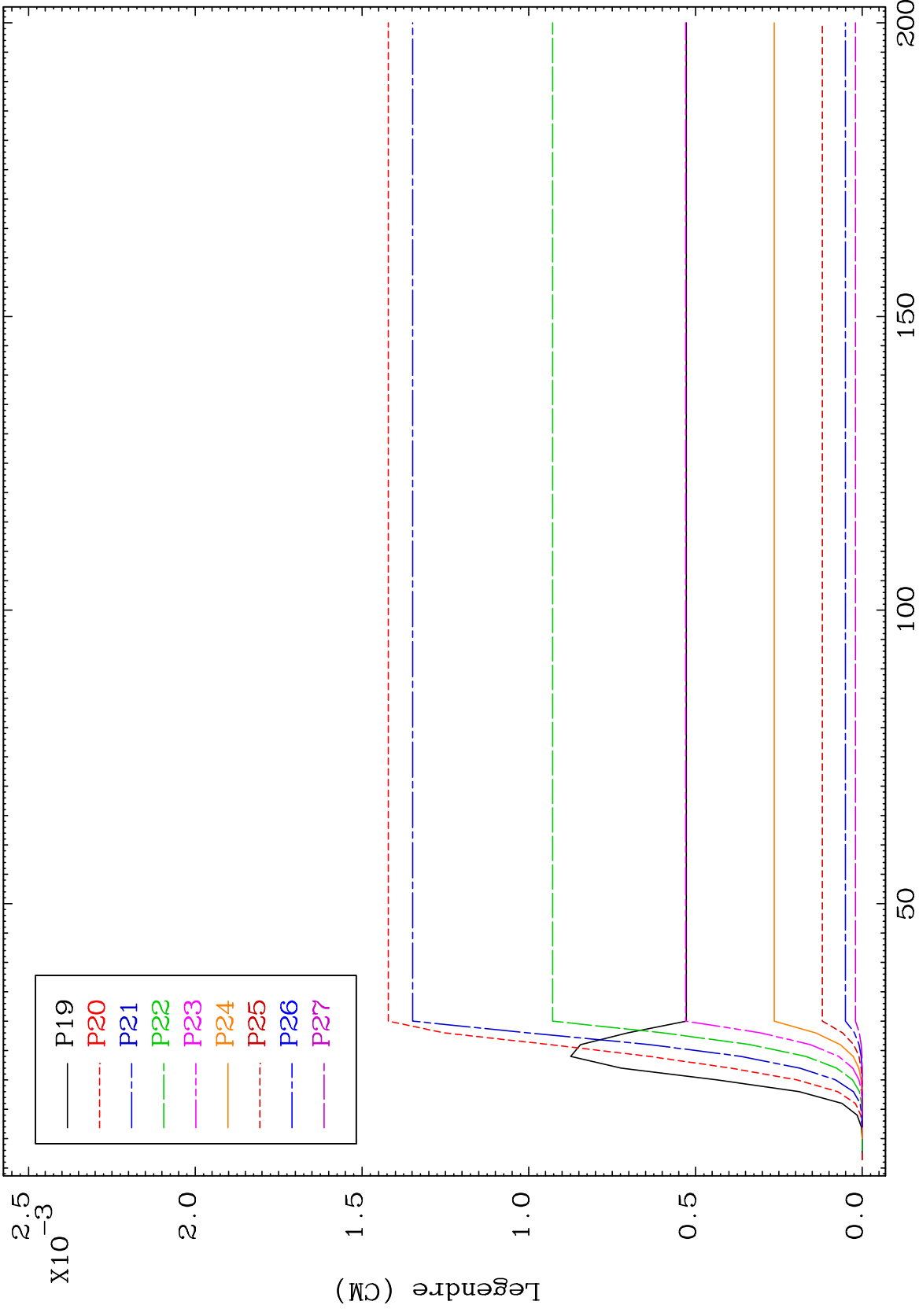
63-Eu-159



38

Incident Energy (MeV)

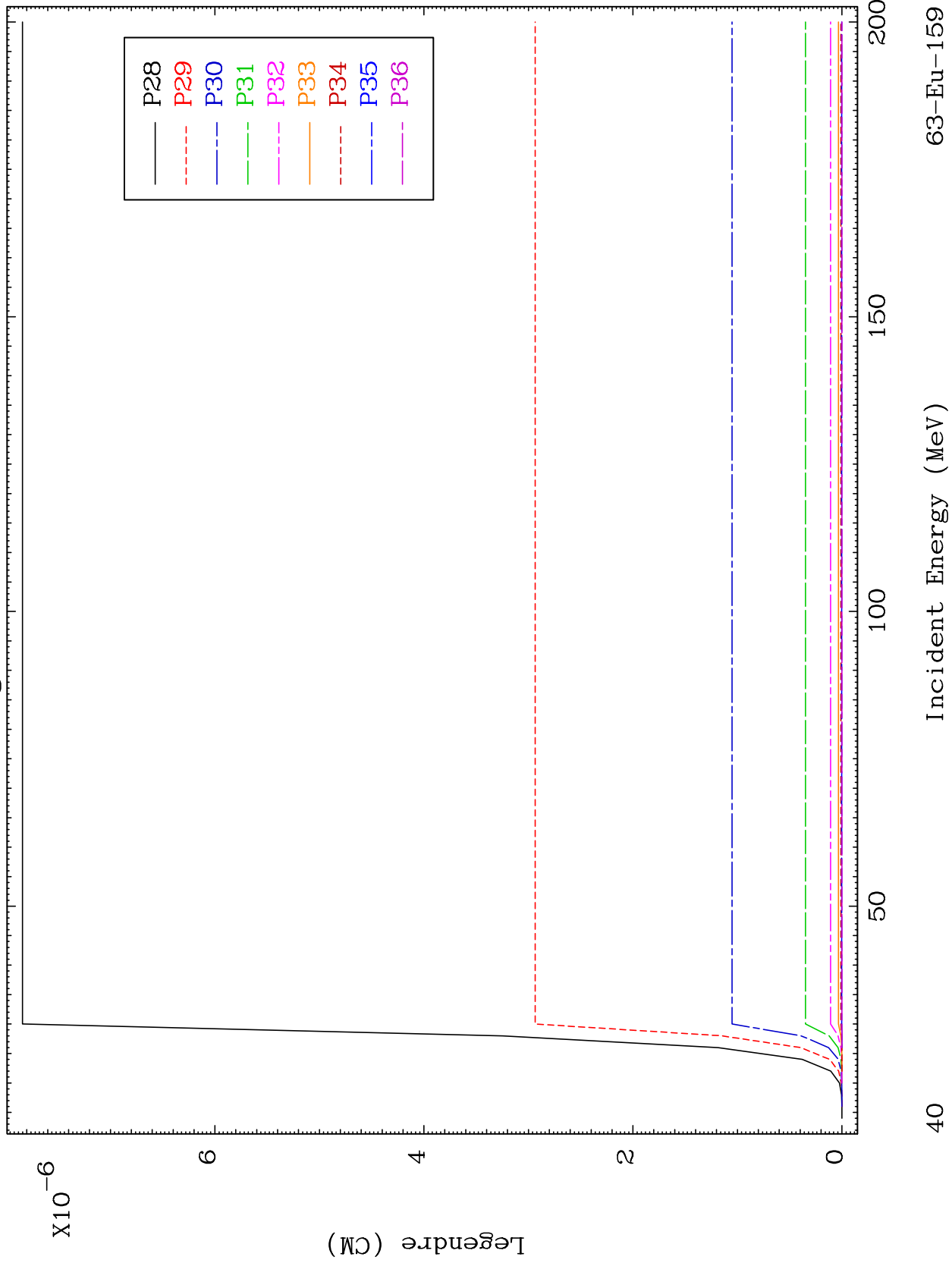
63-Eu-159



MAT 6349

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

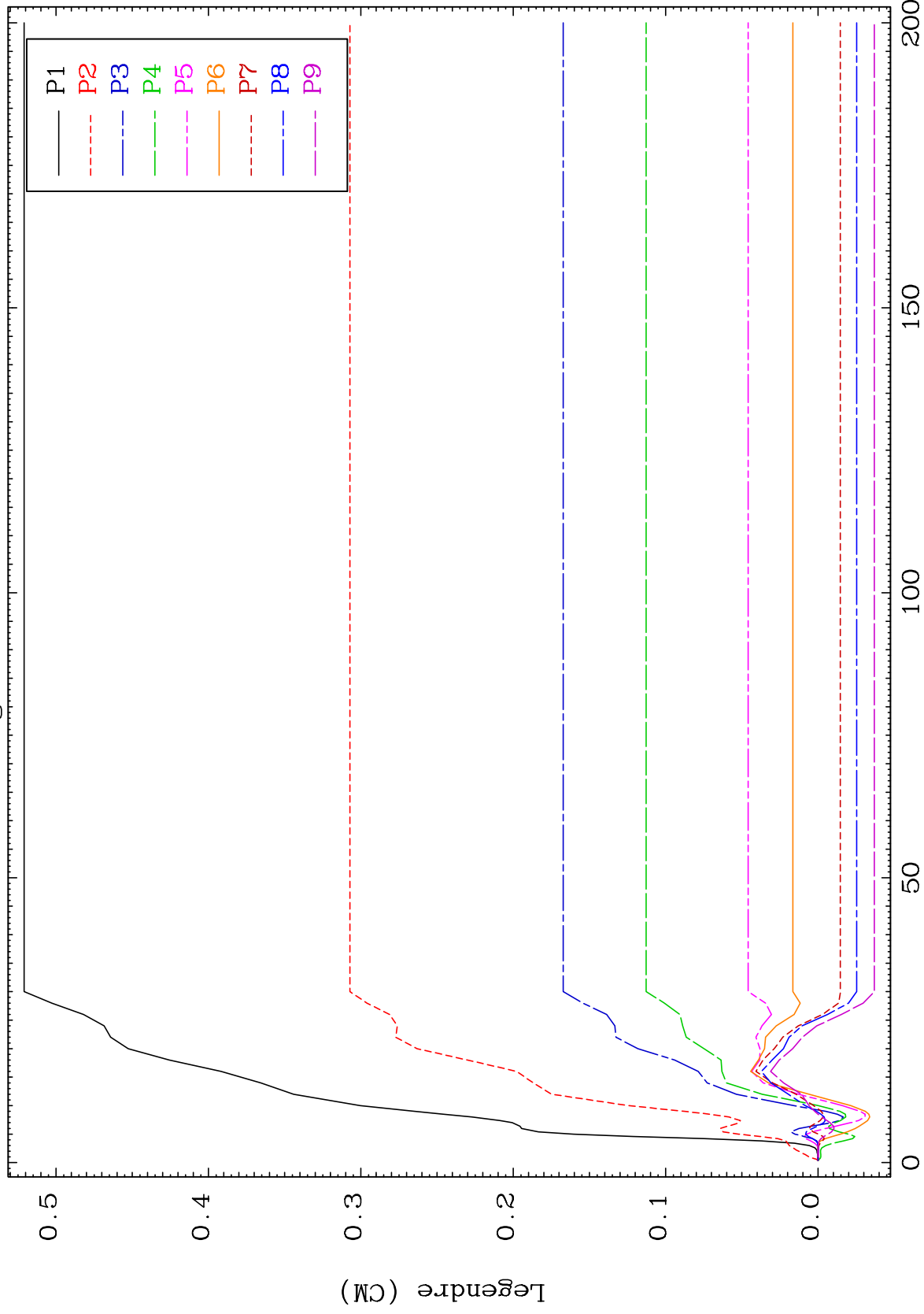
63-Eu-159



MAT 6349

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

63-Eu-159



41

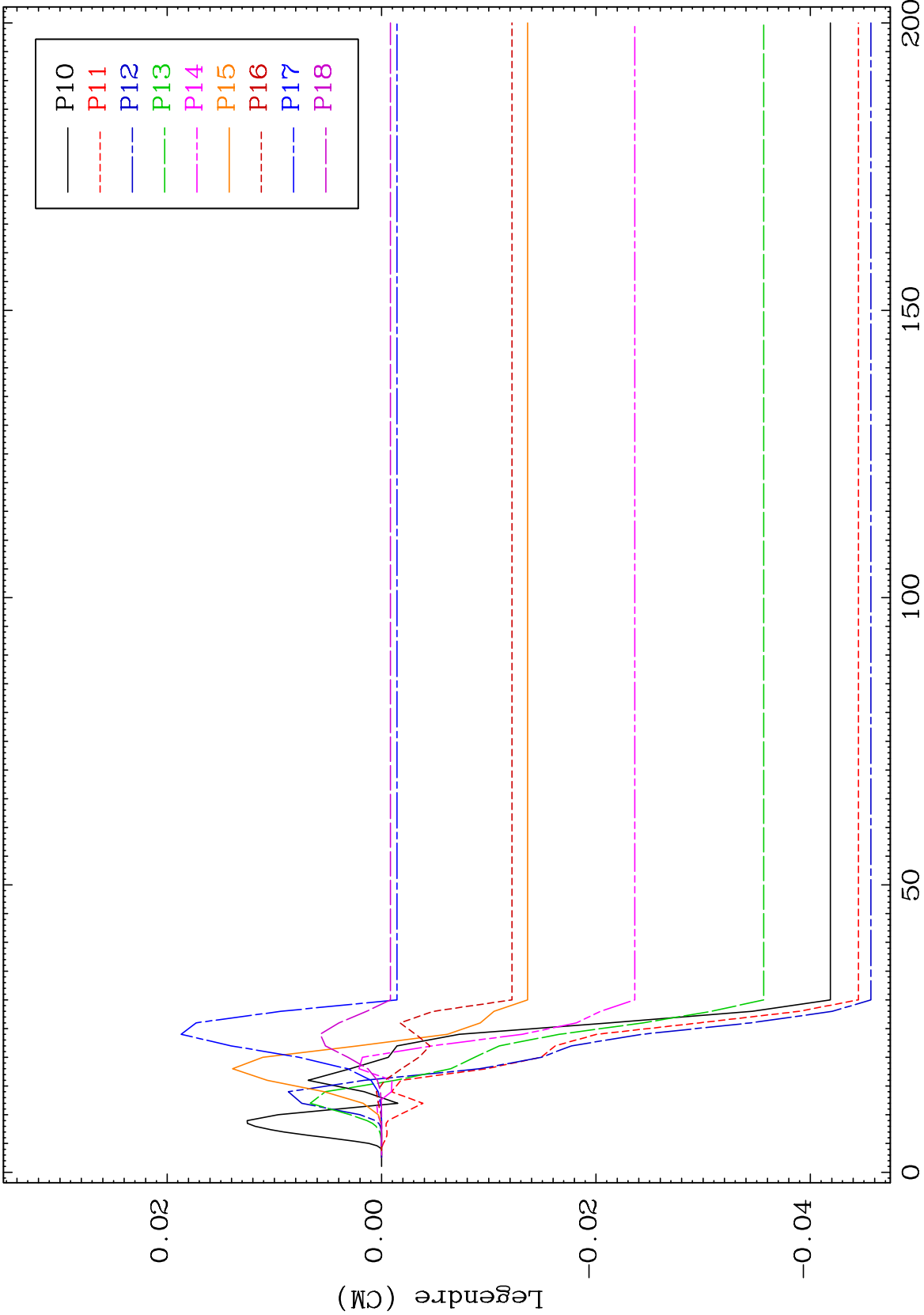
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

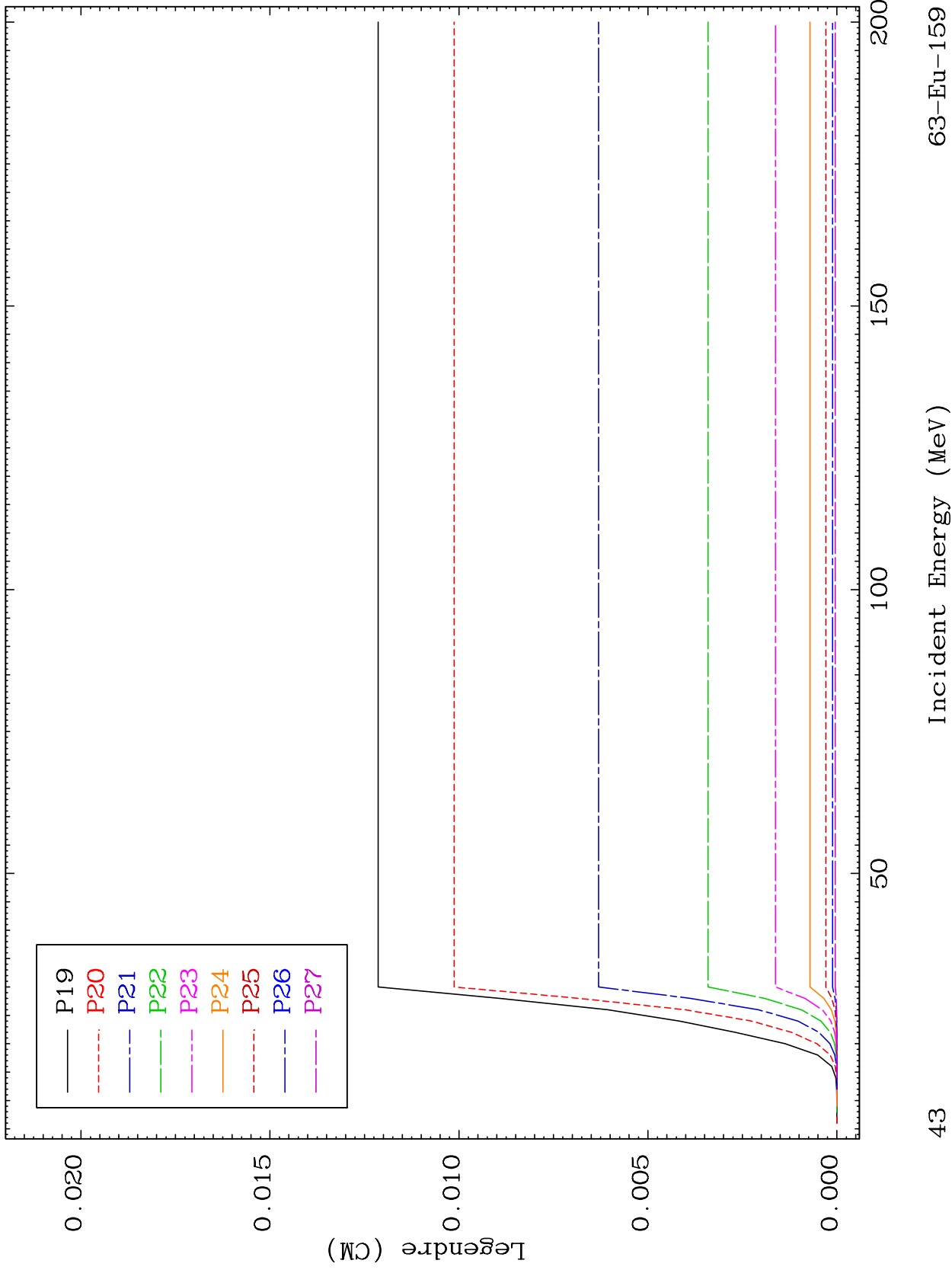
63-Eu-159



42

Incident Energy (MeV)

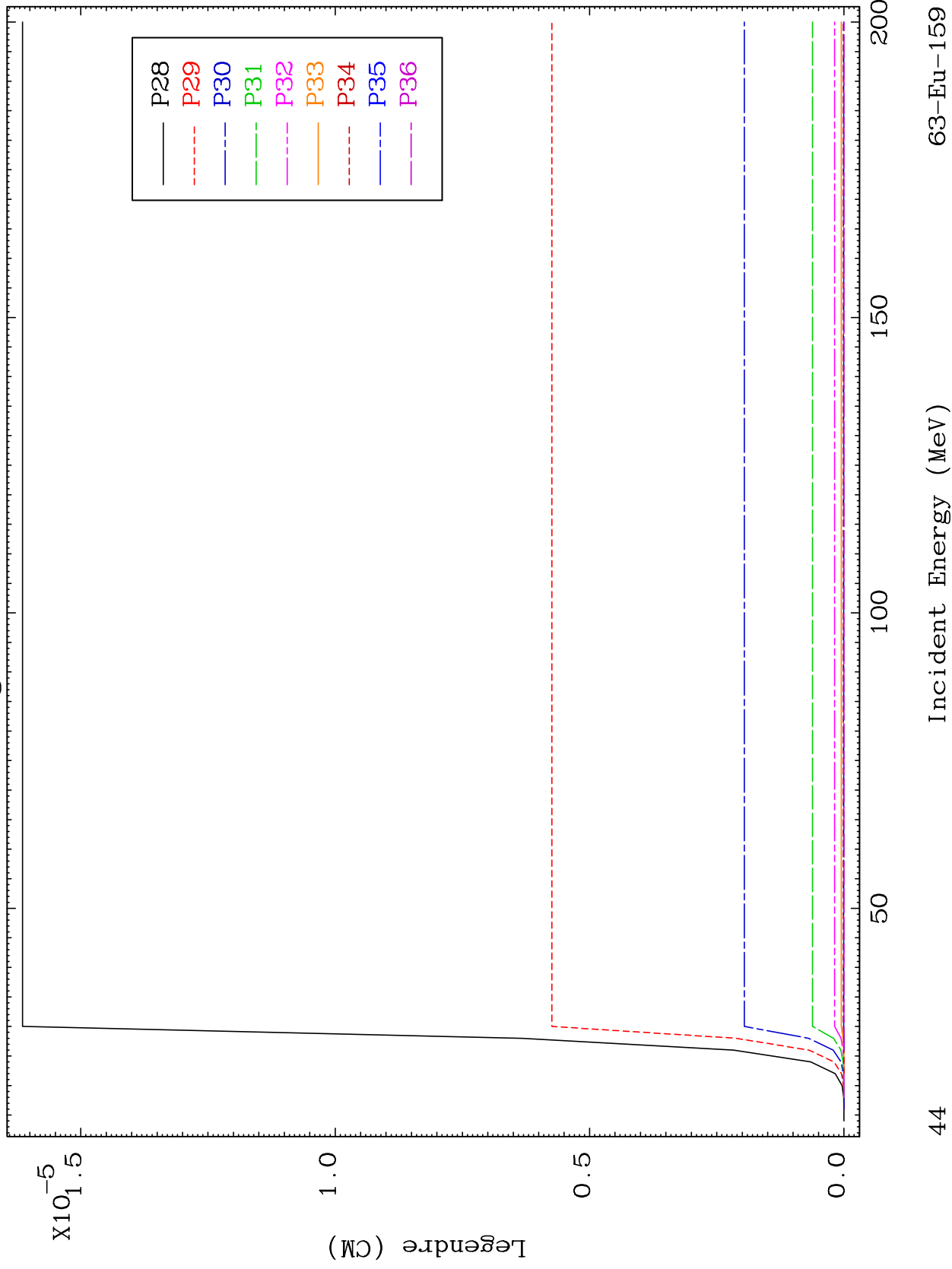
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MAT 6349

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

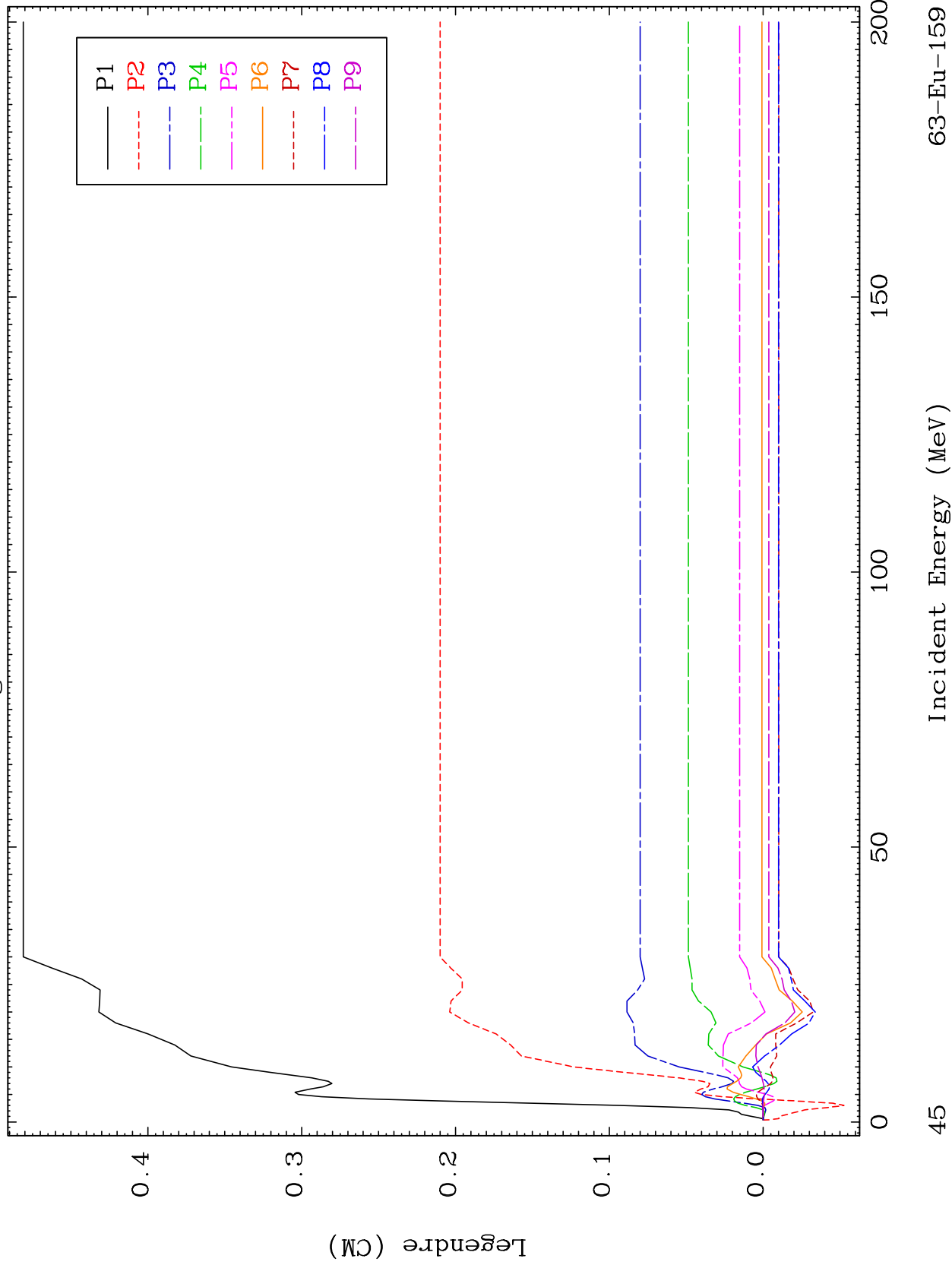
63-Eu-159



MAT 6349

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

63-Eu-159



63-Eu-159

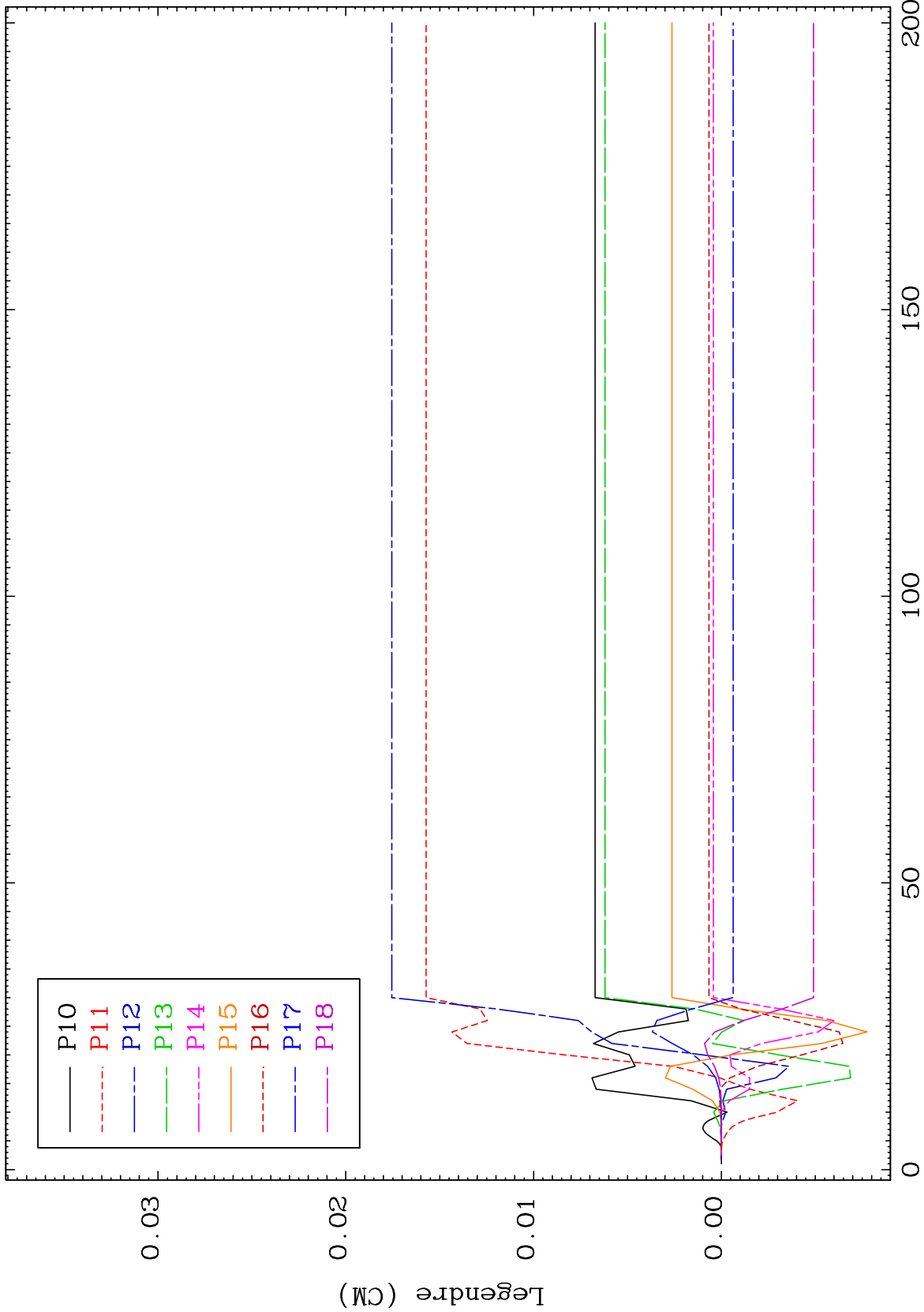
Incident Energy (MeV)

45

MAT 6349

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

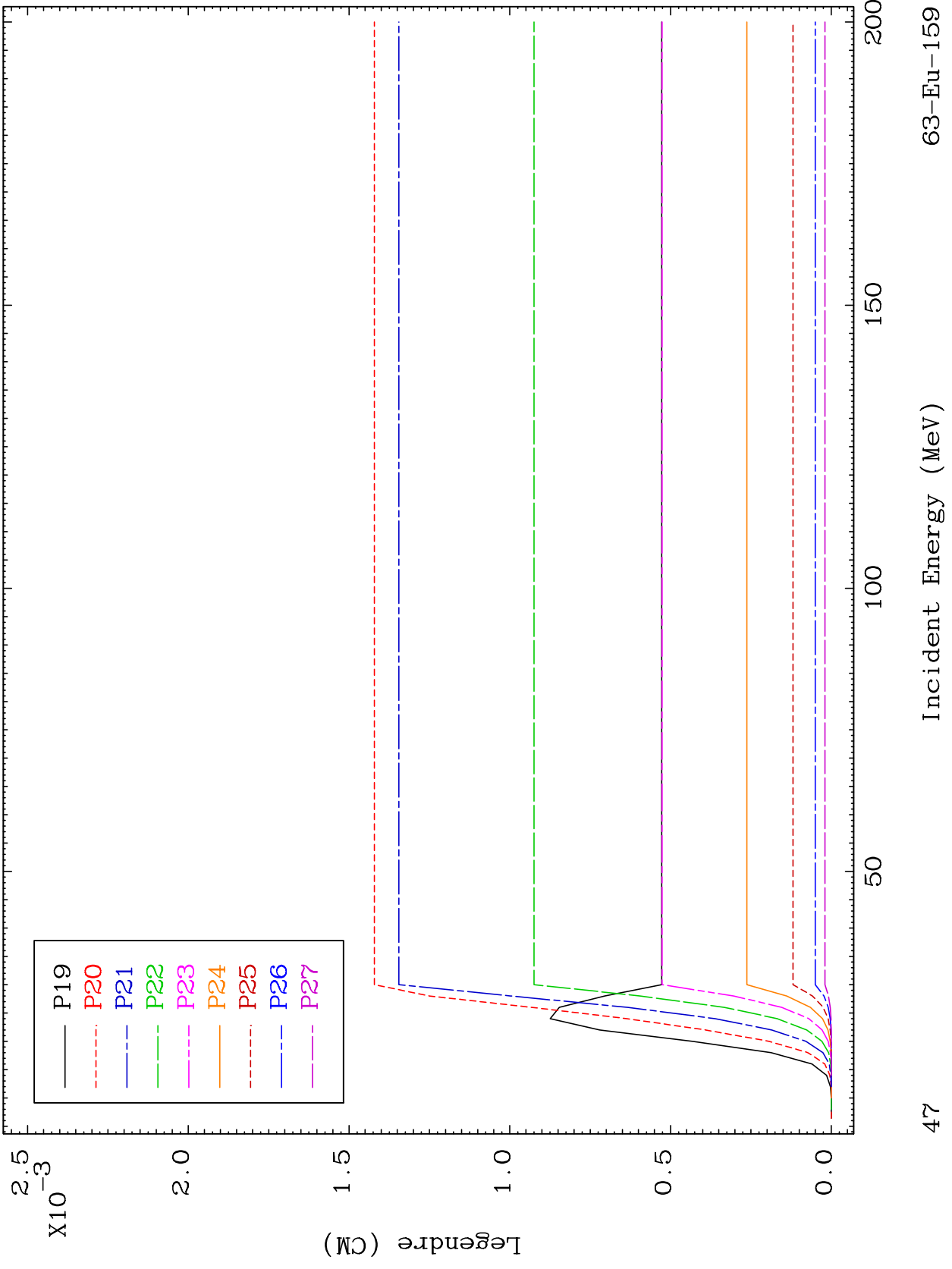
63-Eu-159



46

Incident Energy (MeV)

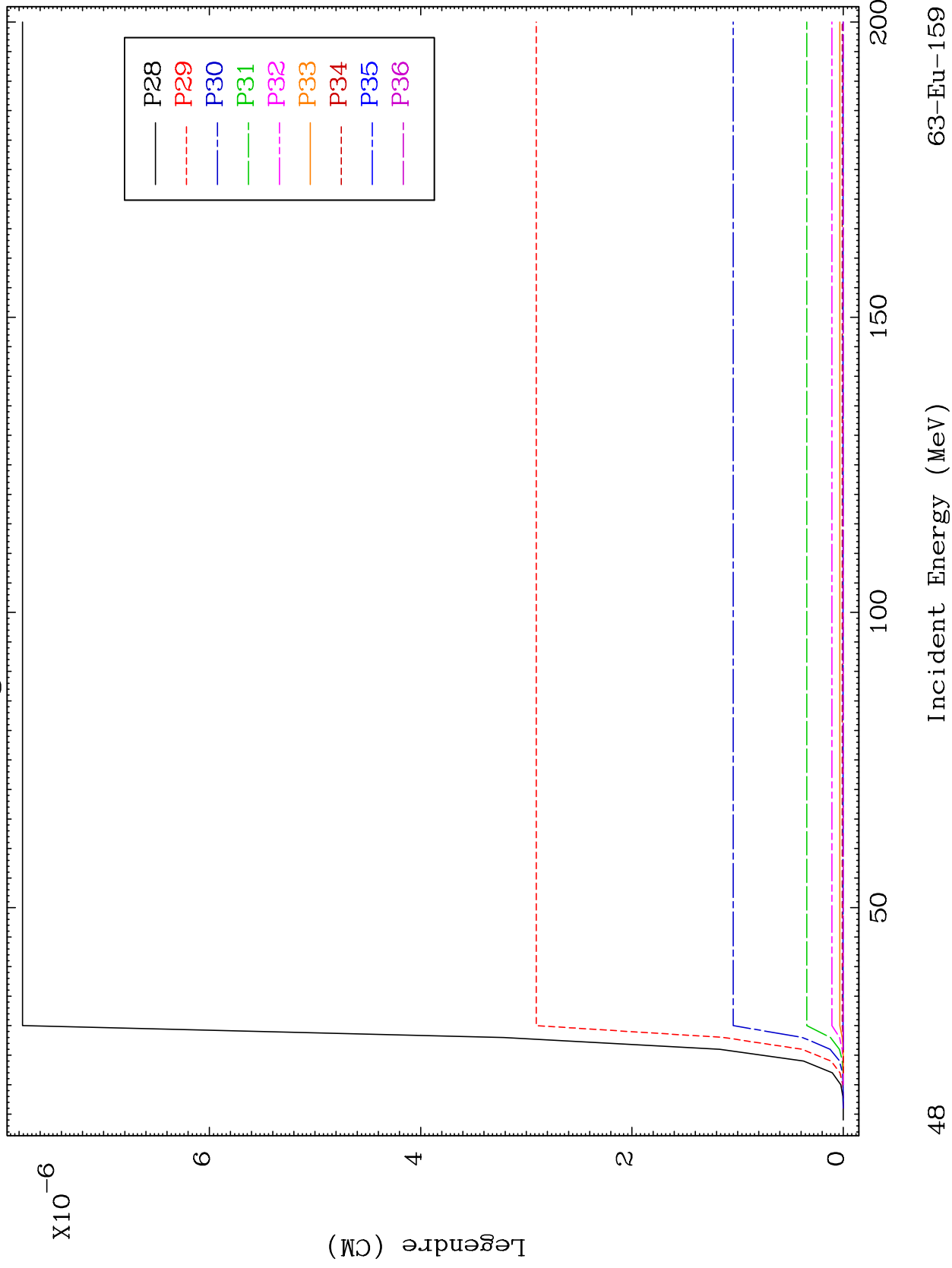
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MAT 6349

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

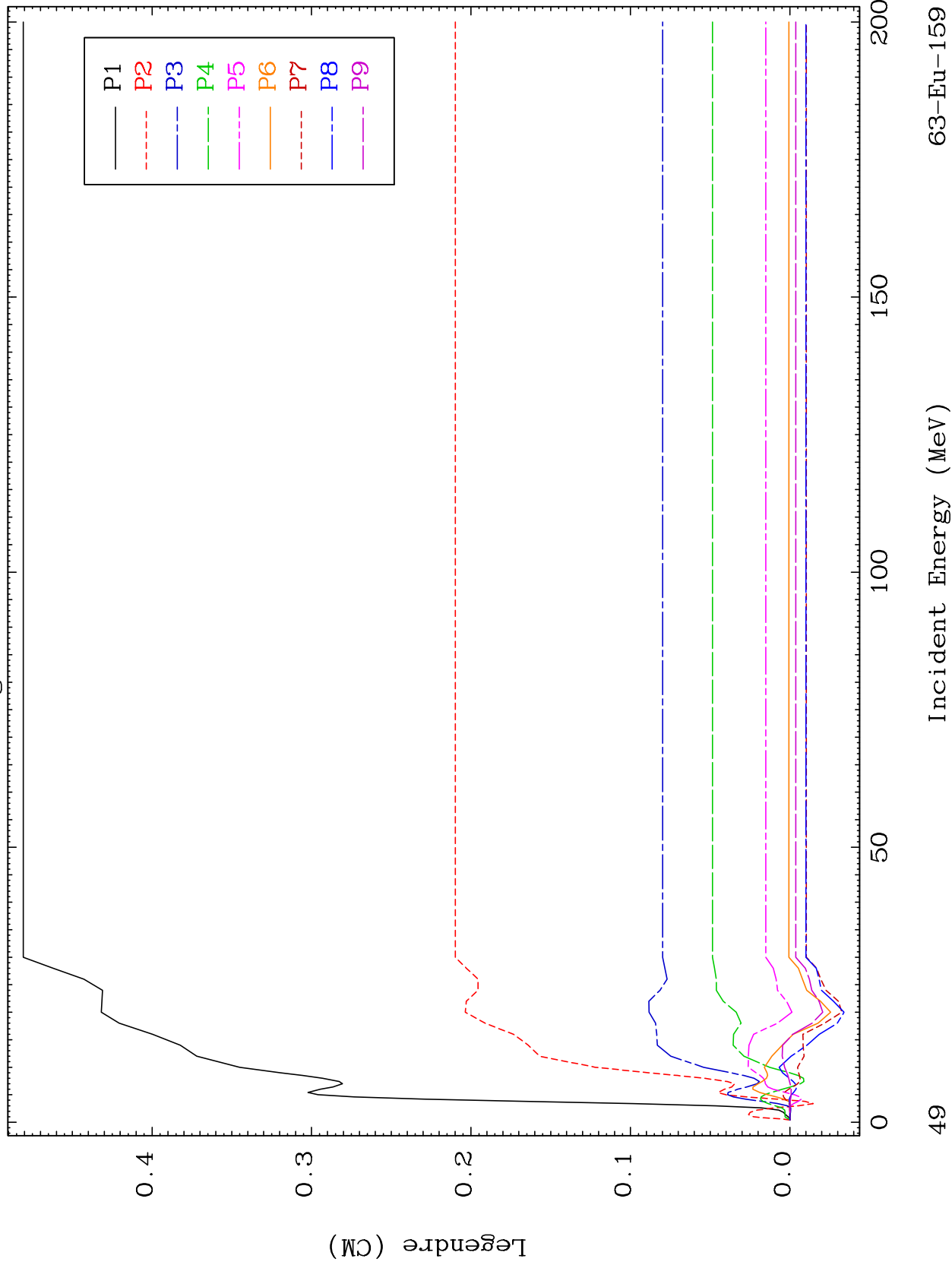
63-Eu-159



MAT 6349

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

63-Eu-159



49

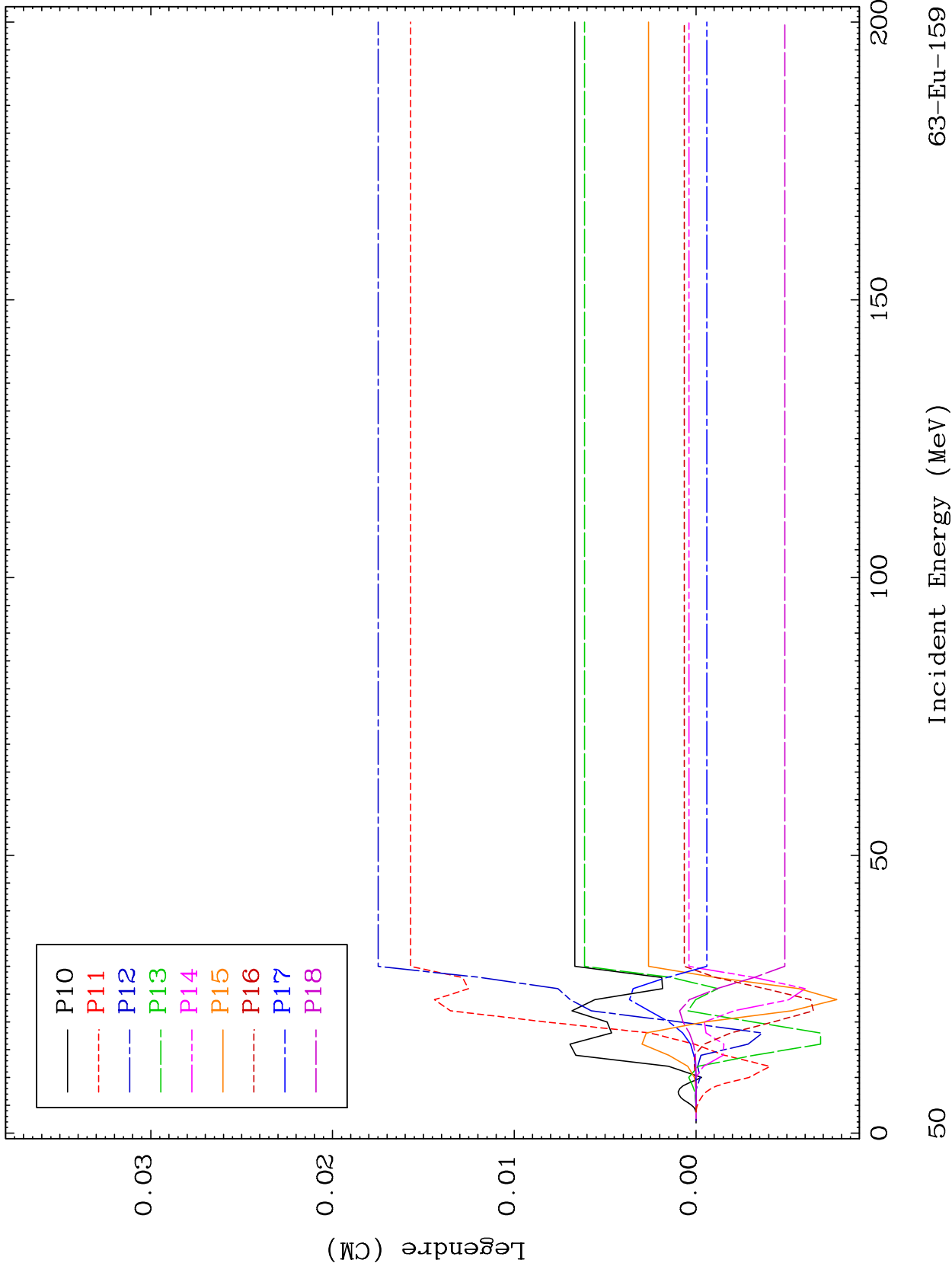
Incident Energy (MeV)

63-Eu-159

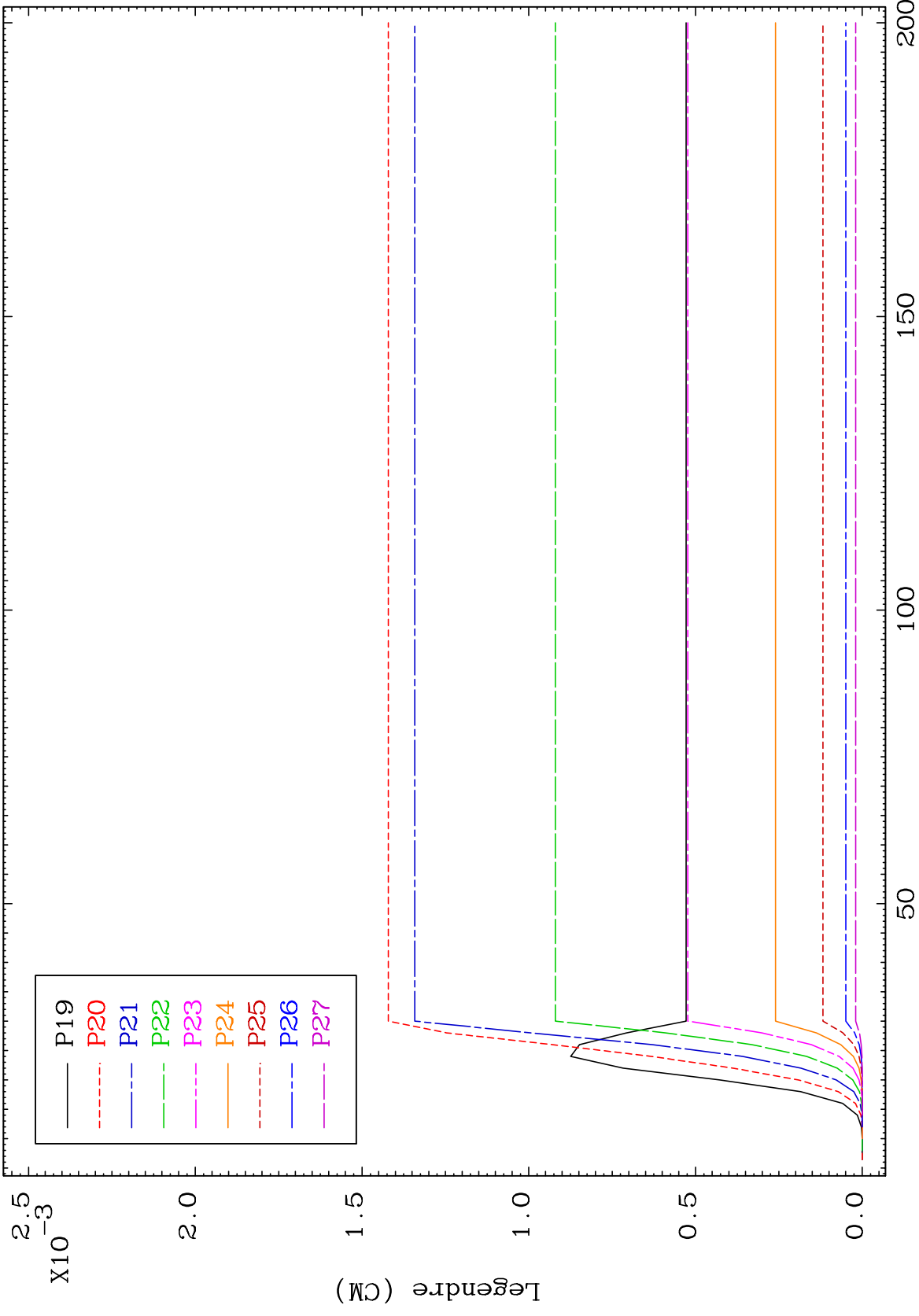
MAT 6349

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

63-Eu-159



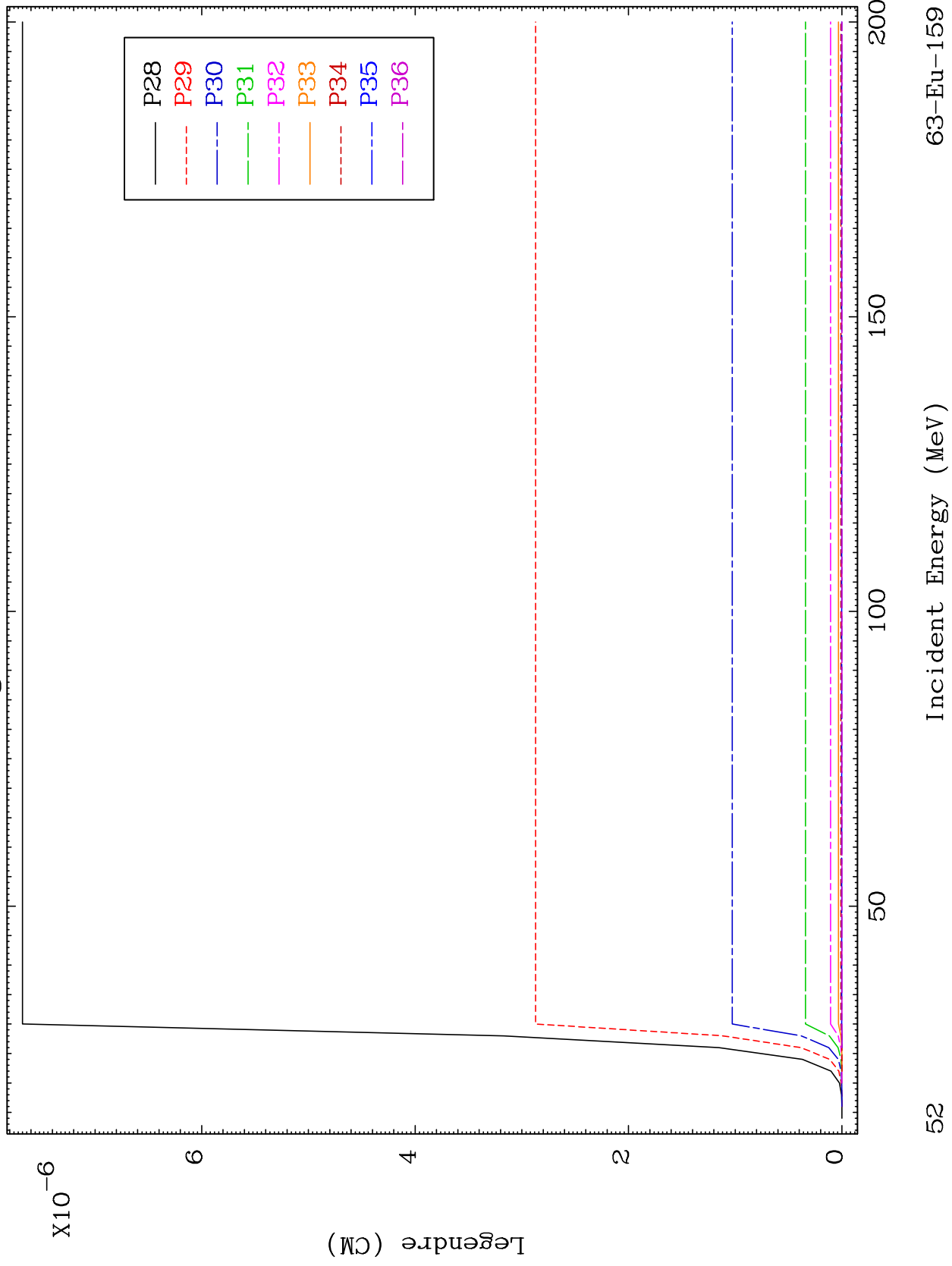
63-Eu-159



MAT 6349

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

63-Eu-159



52

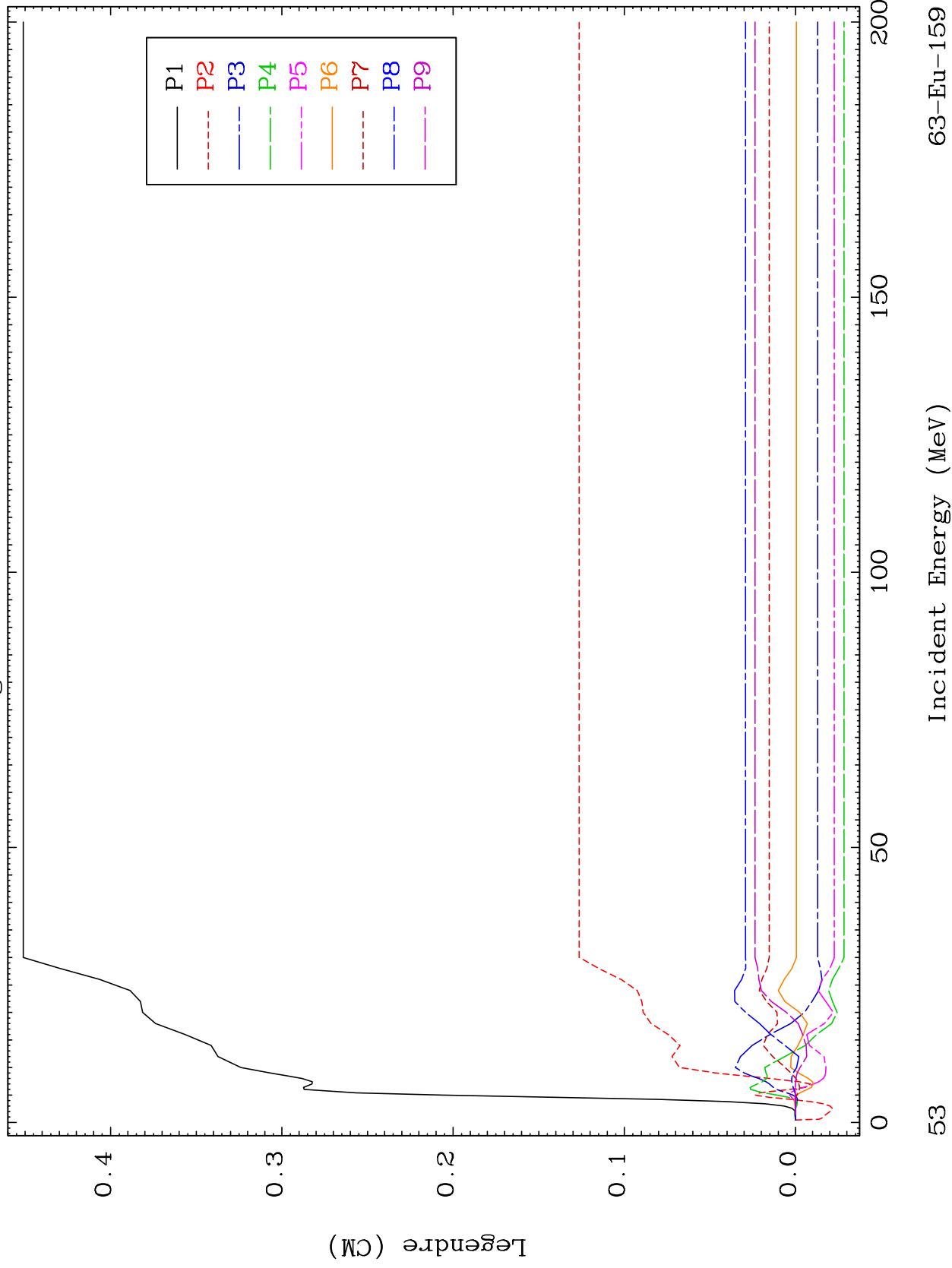
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



63-Eu-159

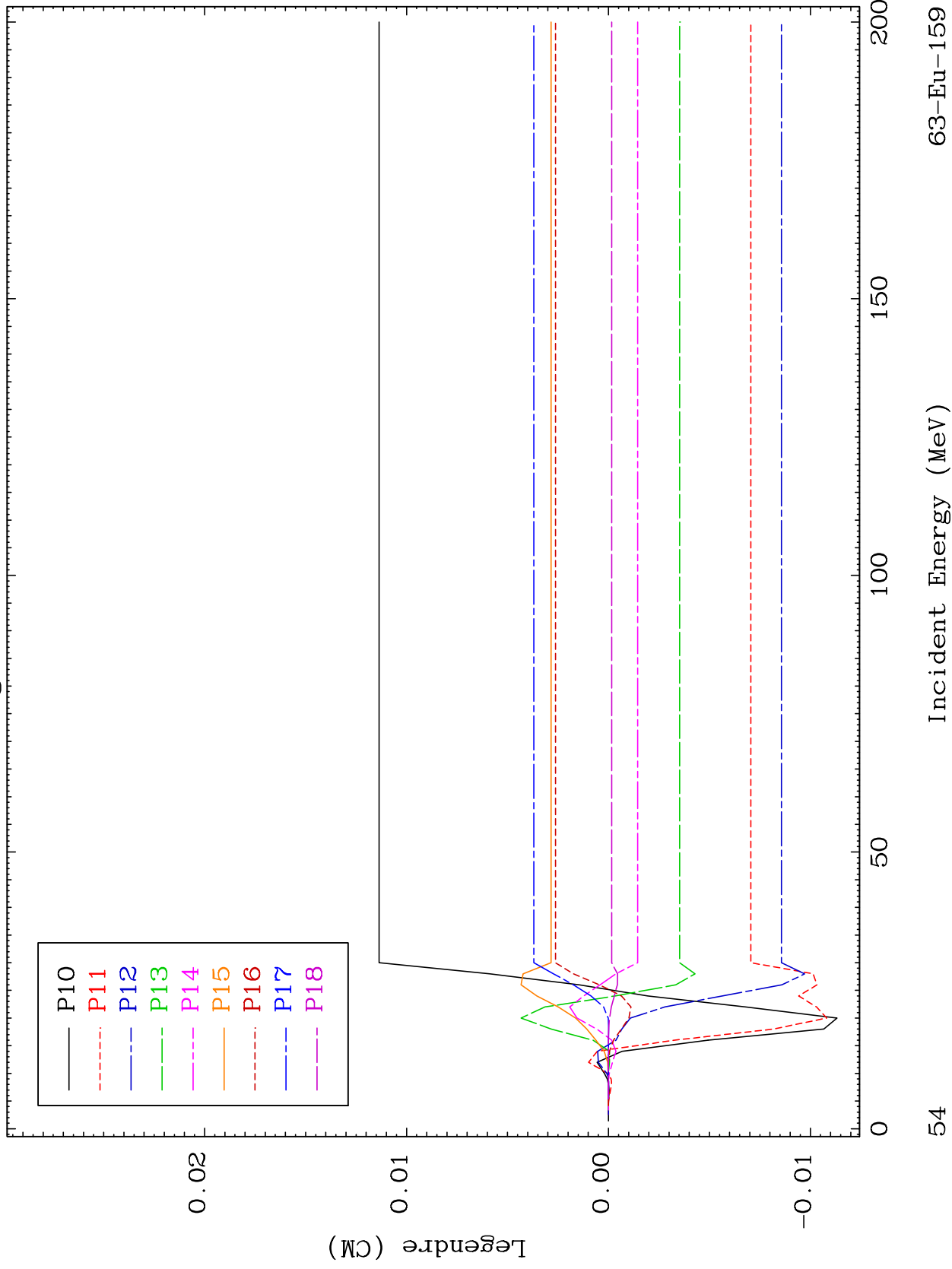
Incident Energy (MeV)

53

MAT 6349

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

63-Eu-159



54

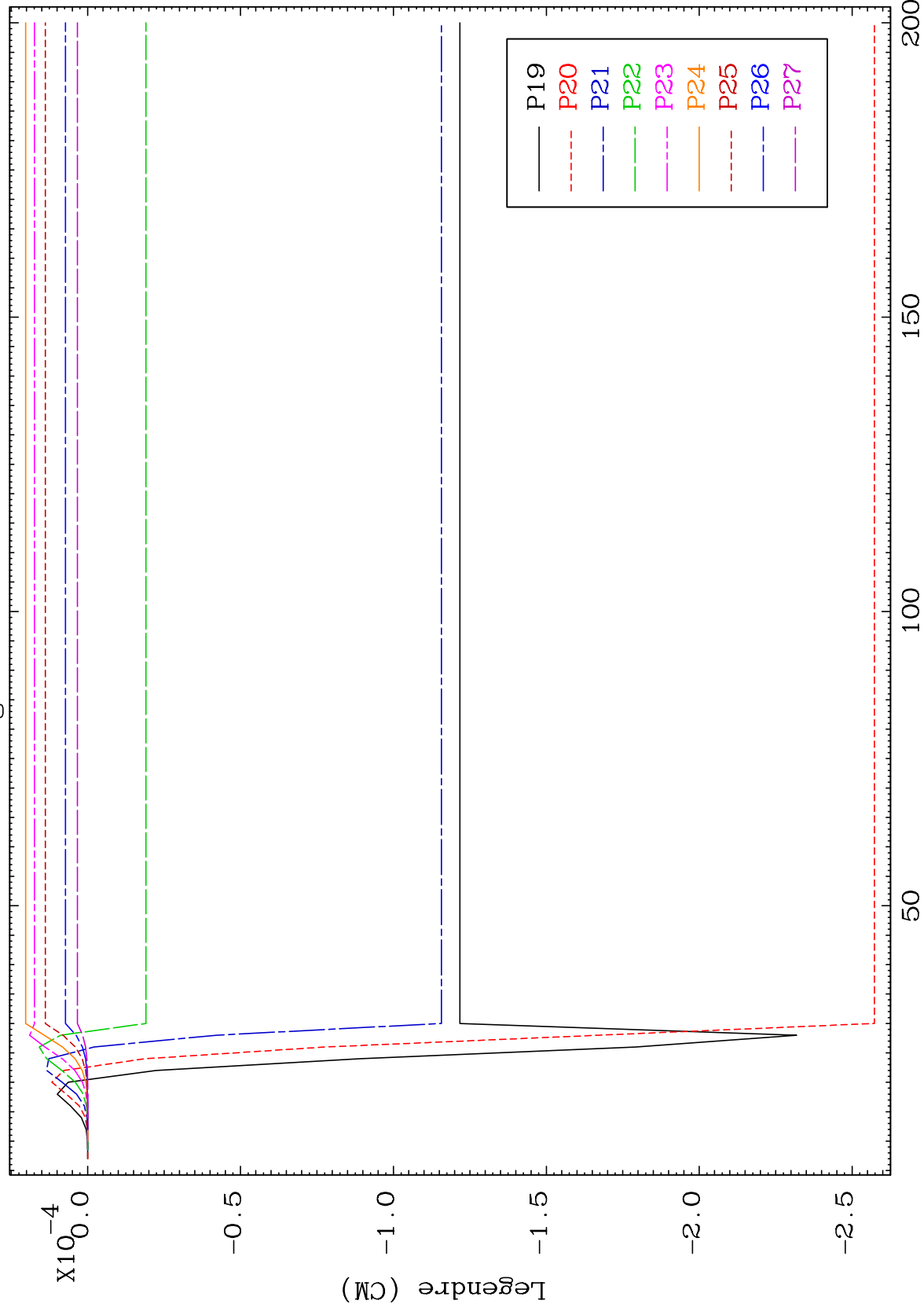
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

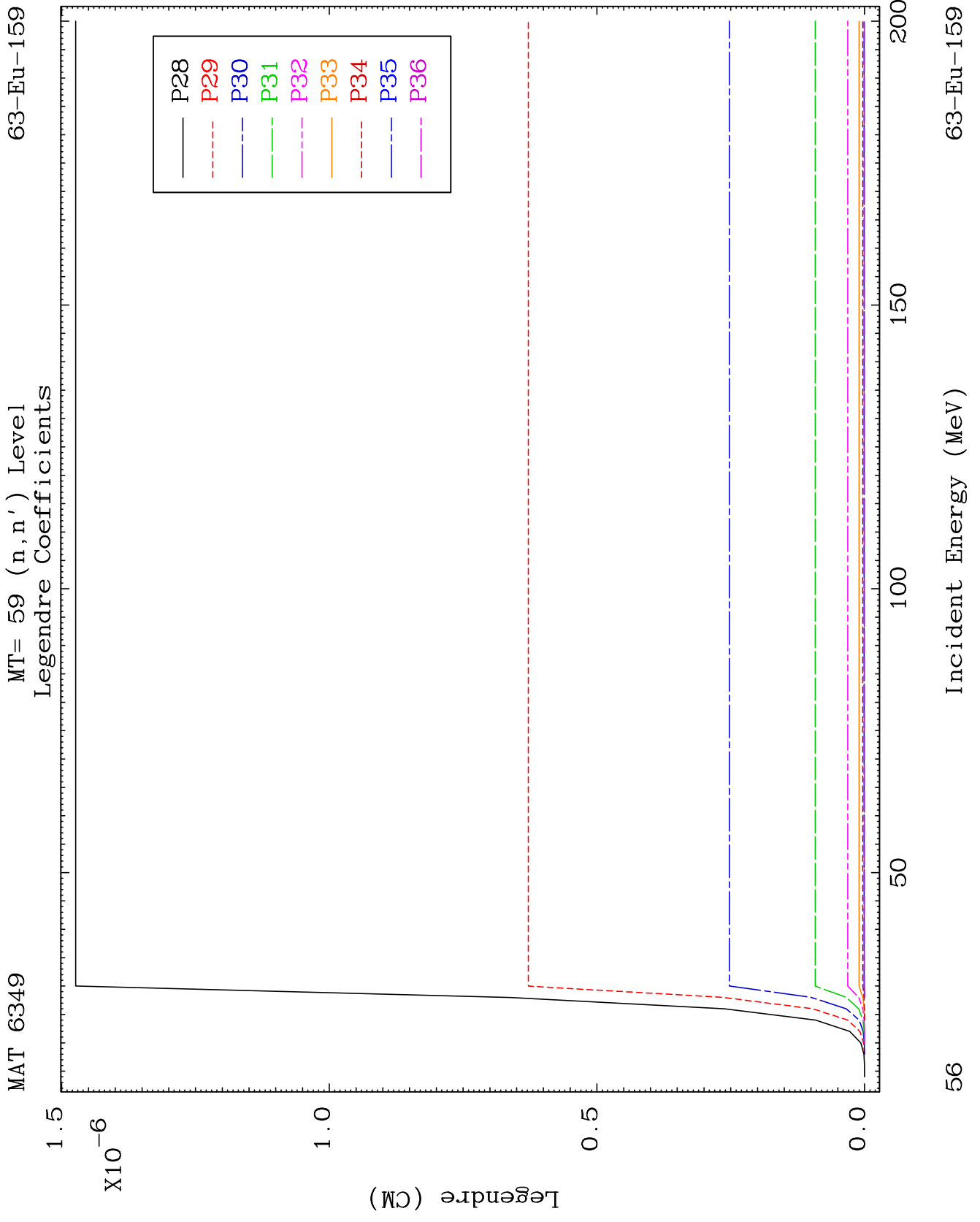
63-Eu-159



55

Incident Energy (MeV)

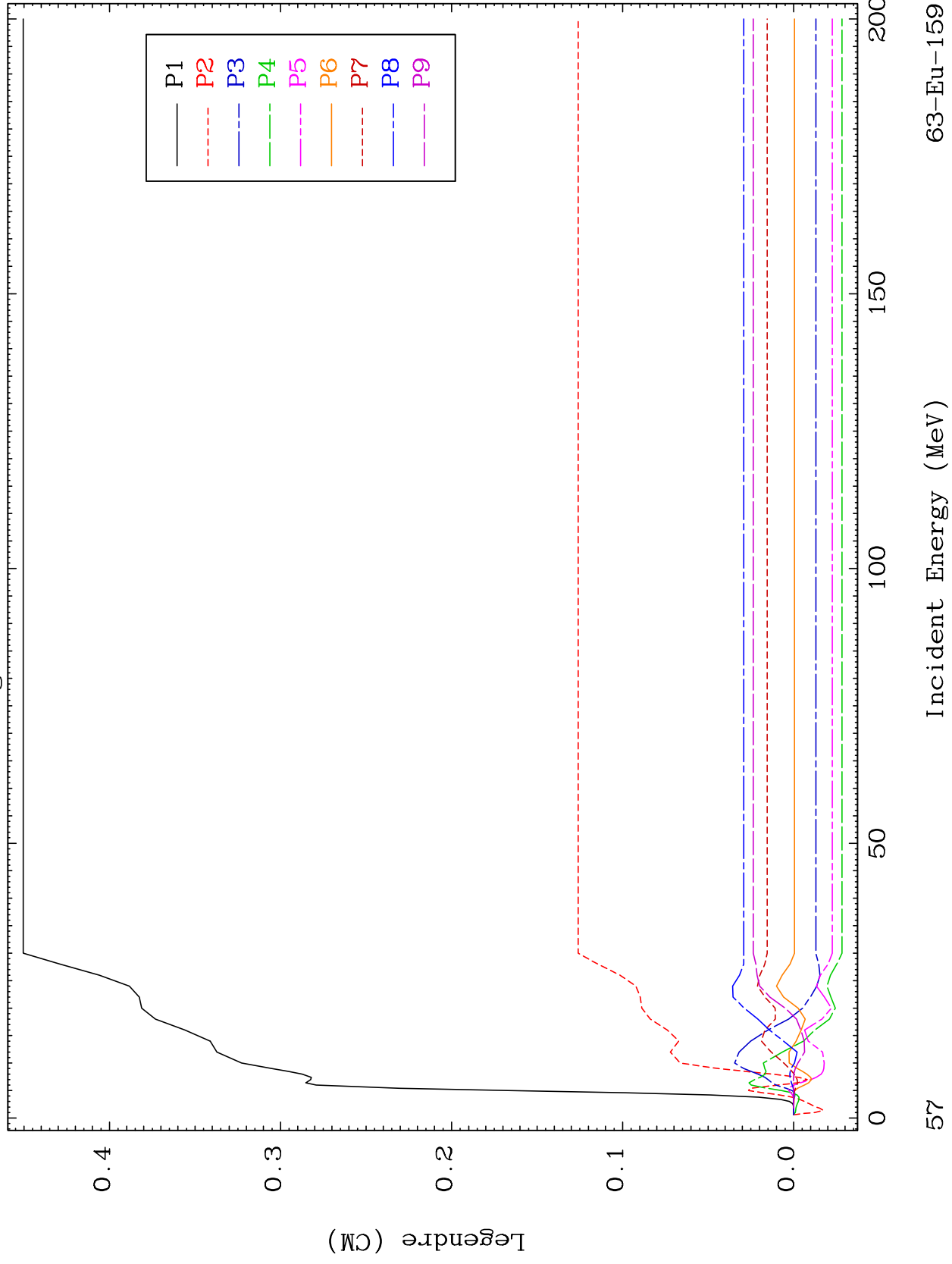
63-Eu-159



MAT 6349

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

63-Eu-159



57

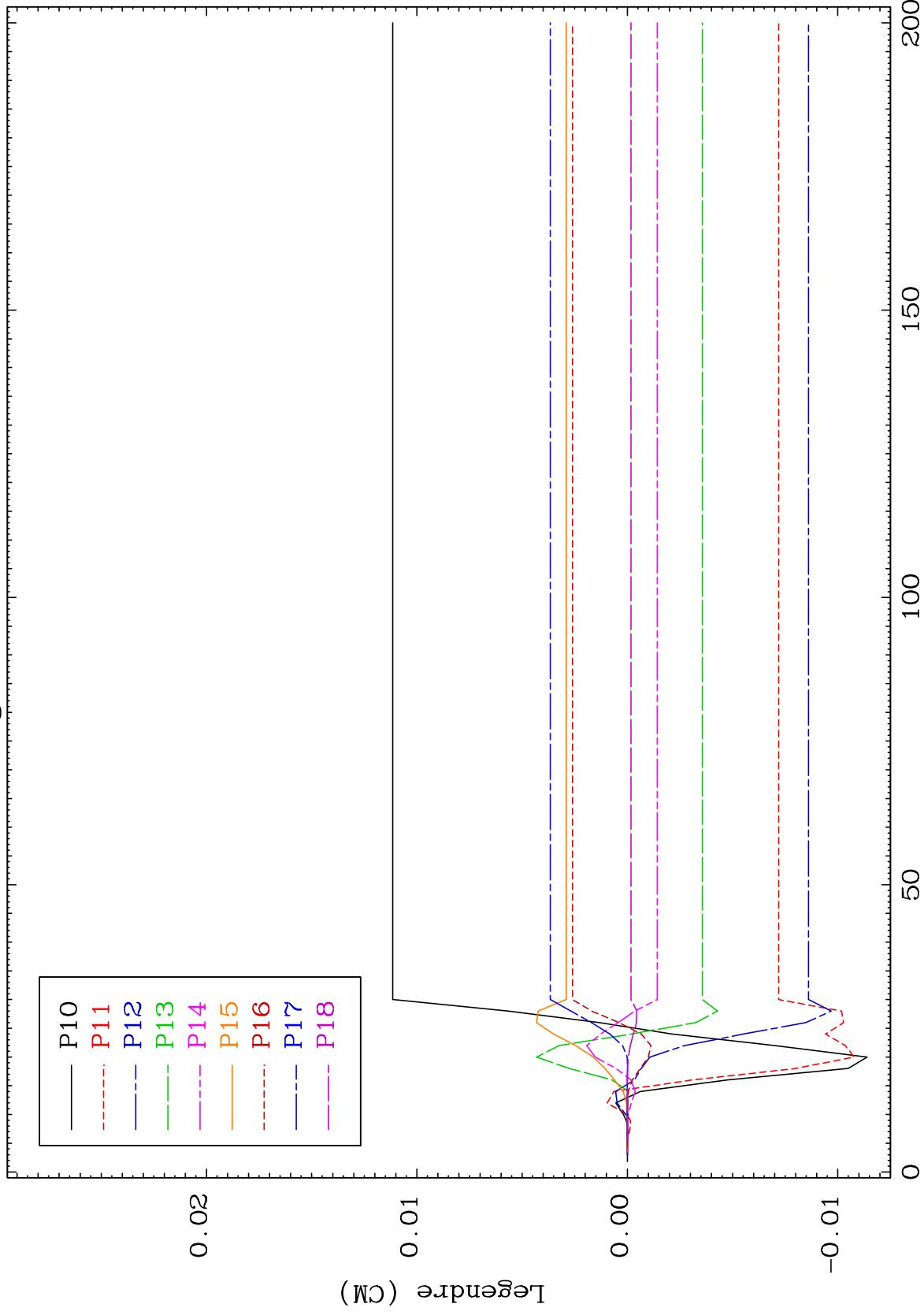
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

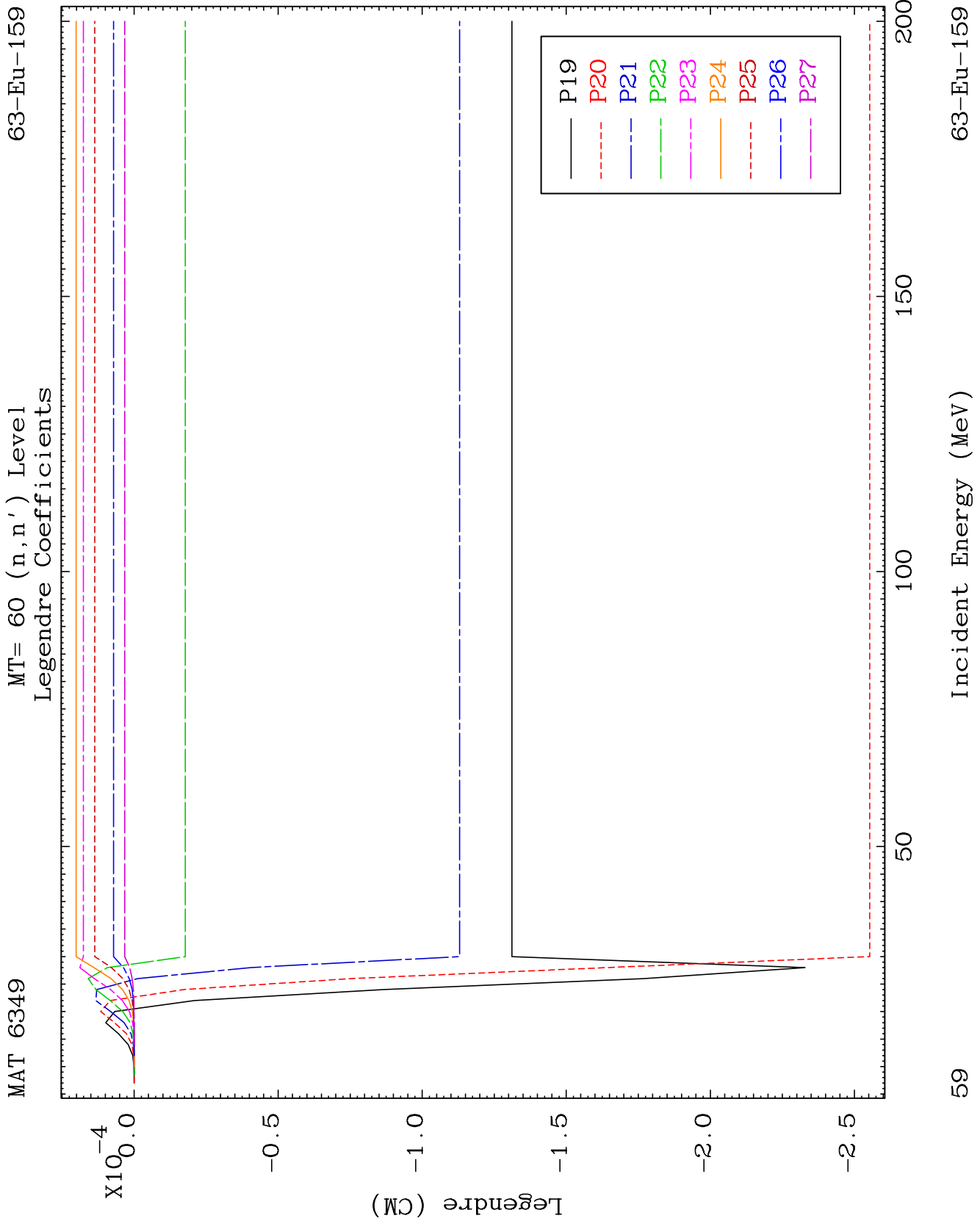
63-Eu-159



Incident Energy (MeV)

63-Eu-159

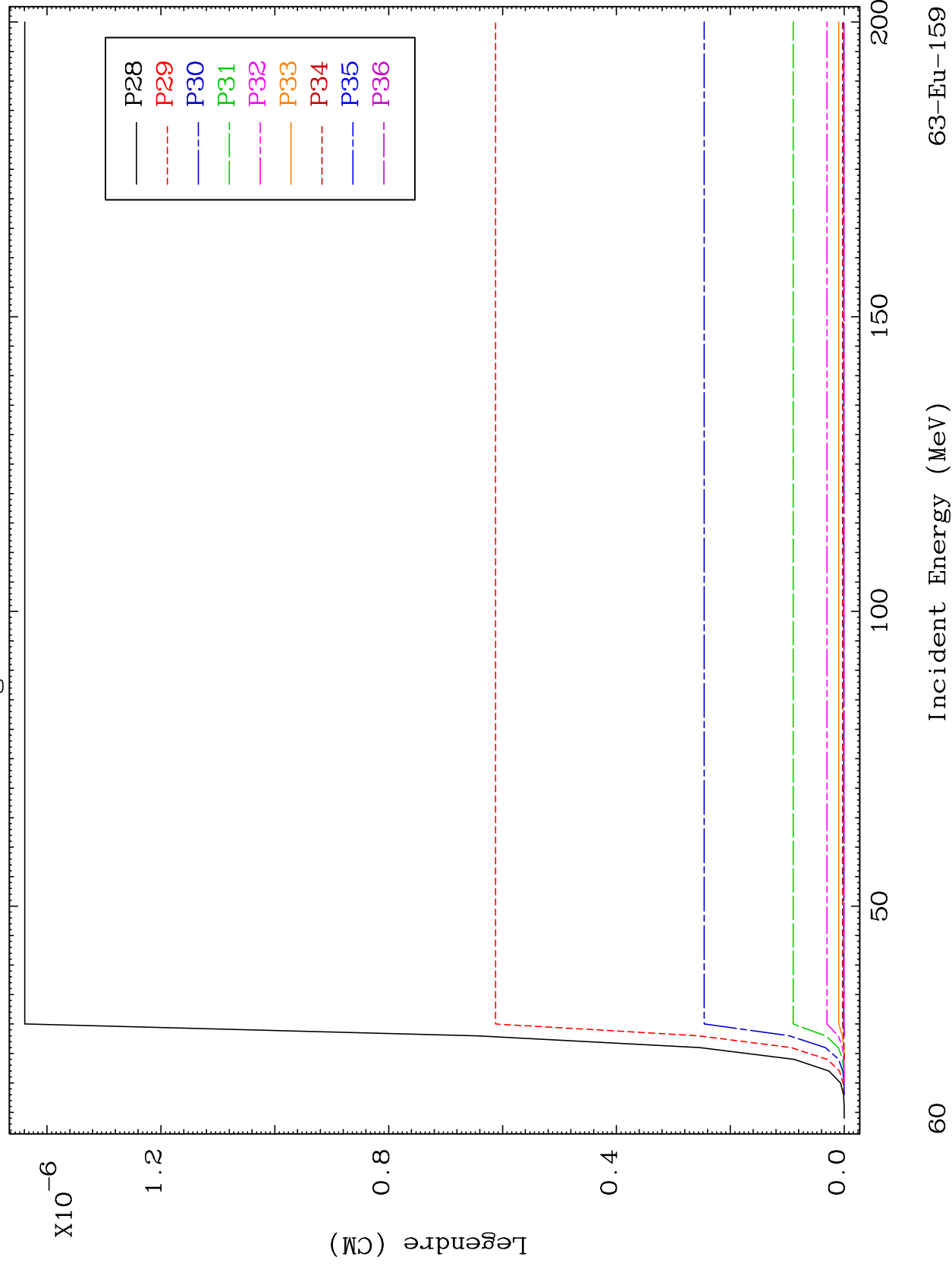
58



MAT 6349

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

63-Eu-159



60

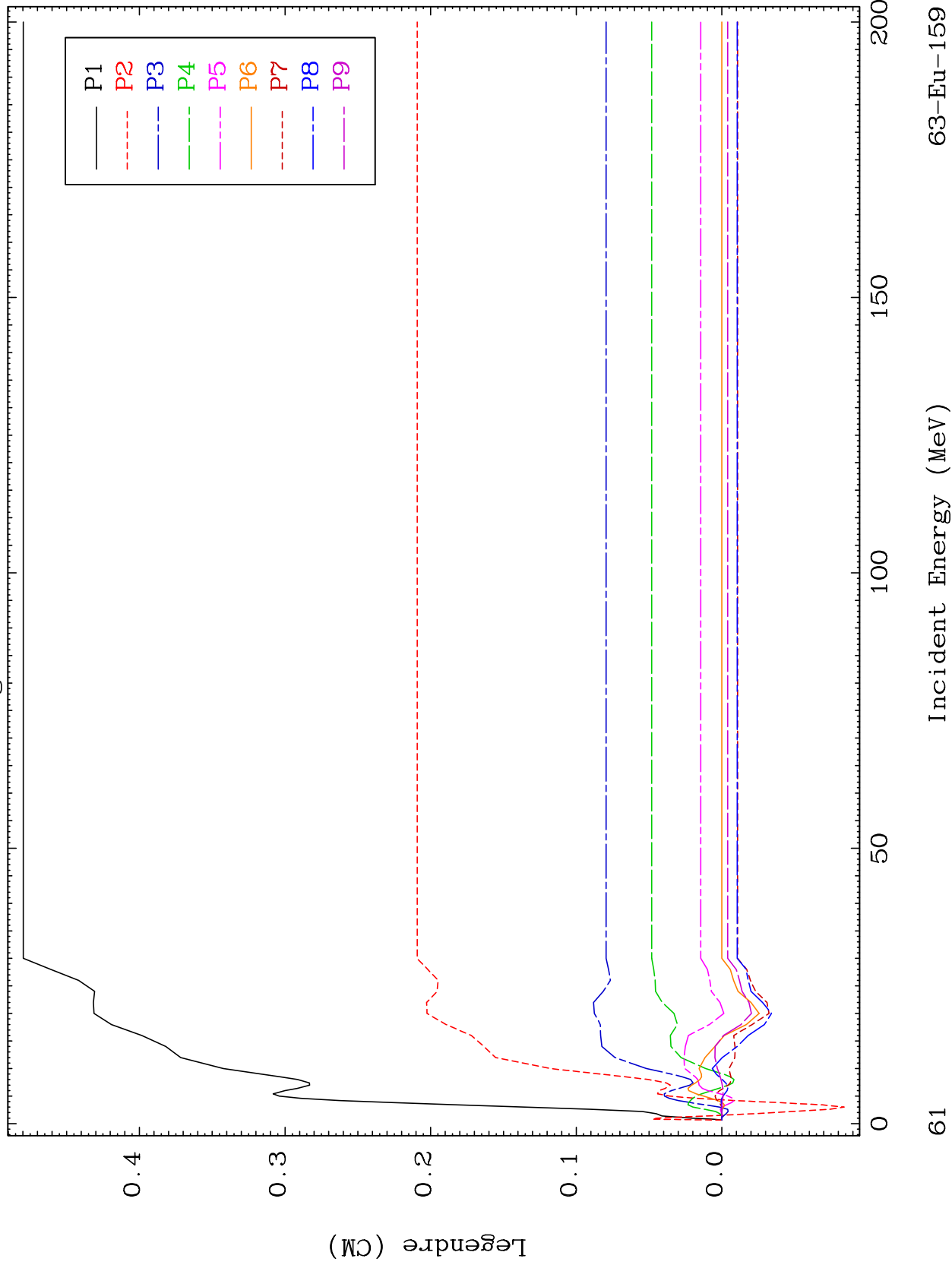
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



63-Eu-159

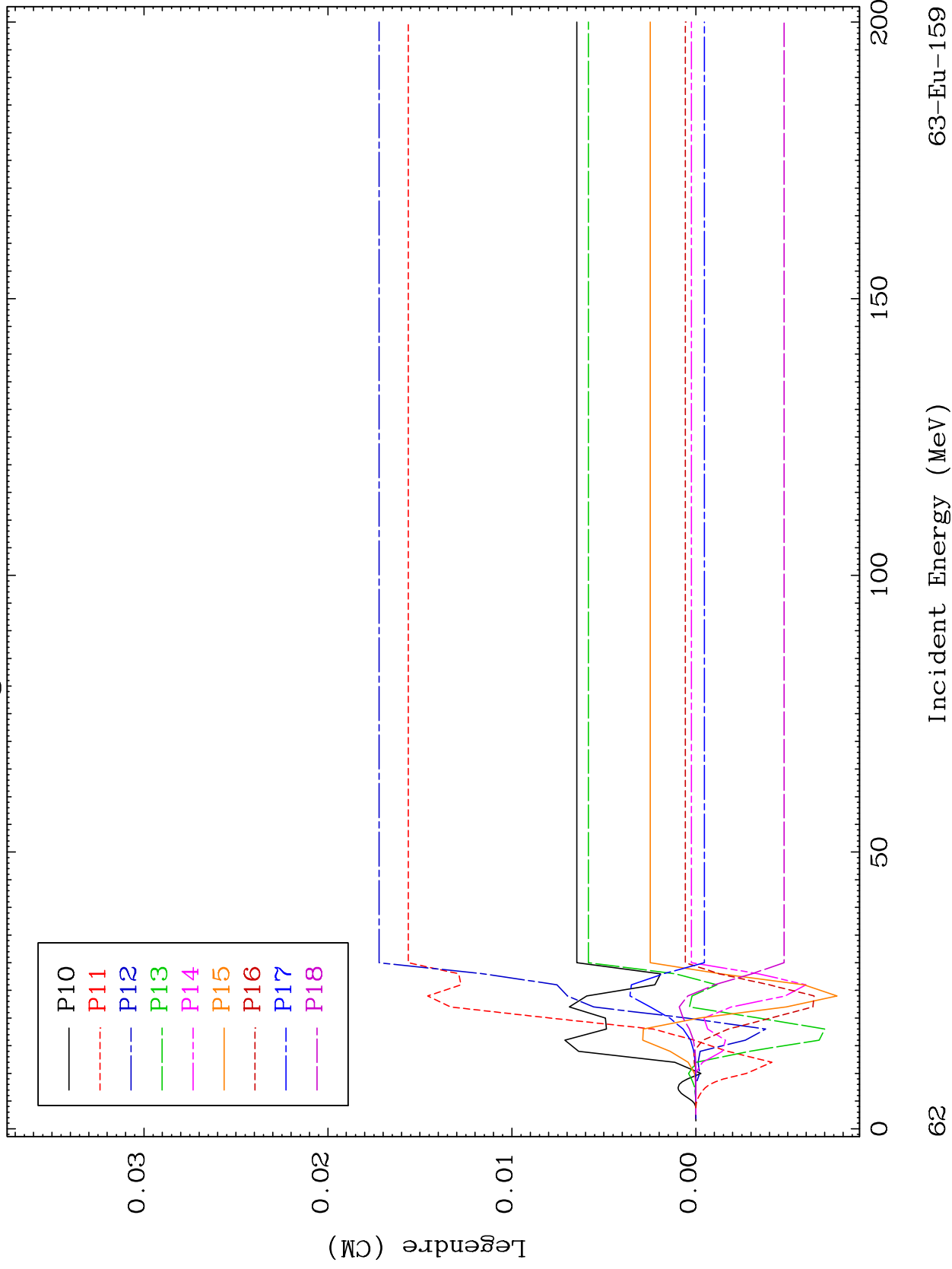
Incident Energy (MeV)

61

MAT 6349

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

63-Eu-159



63-Eu-159

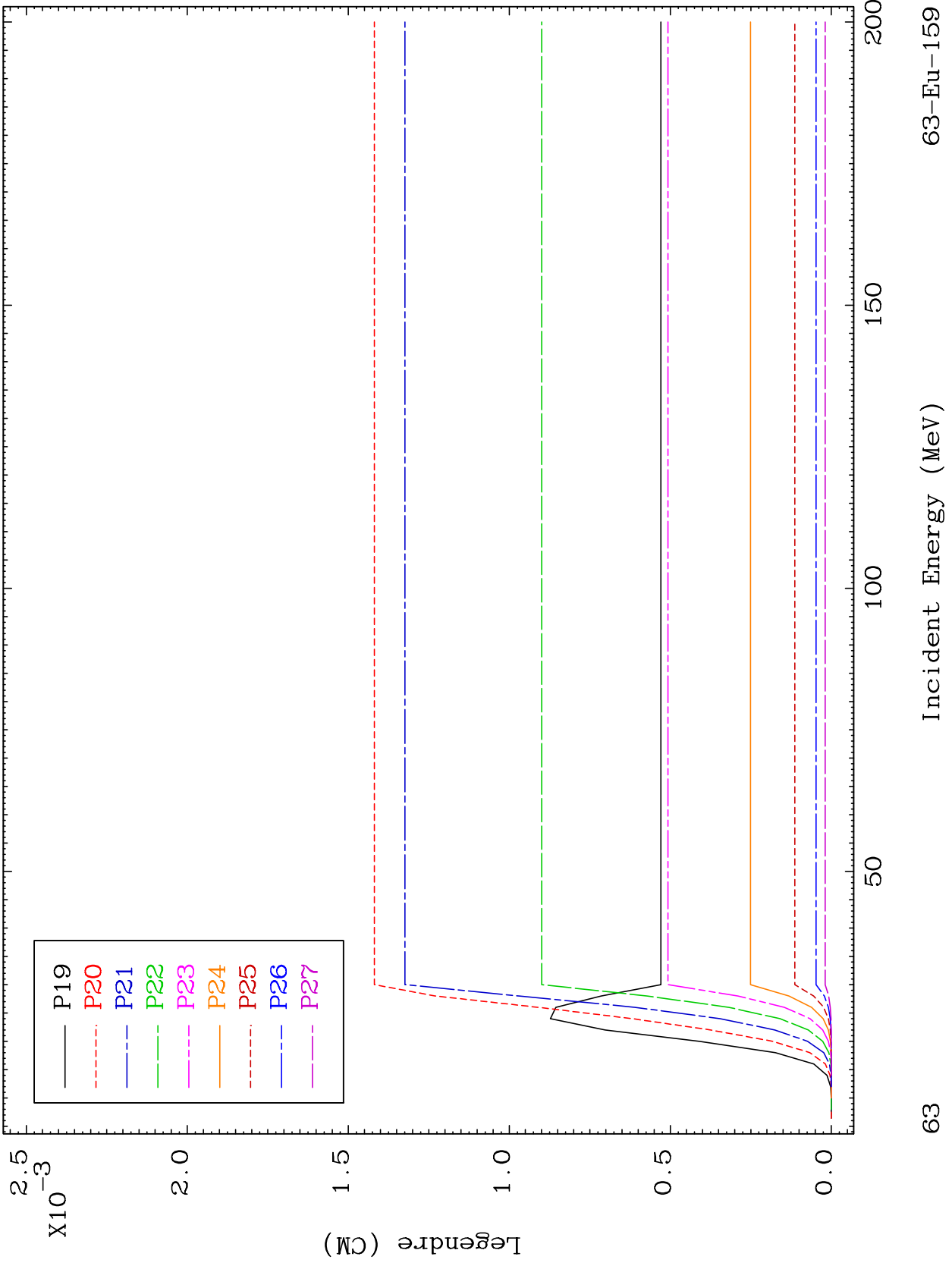
Incident Energy (MeV)

62

MAT 6349

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

63-Eu-159



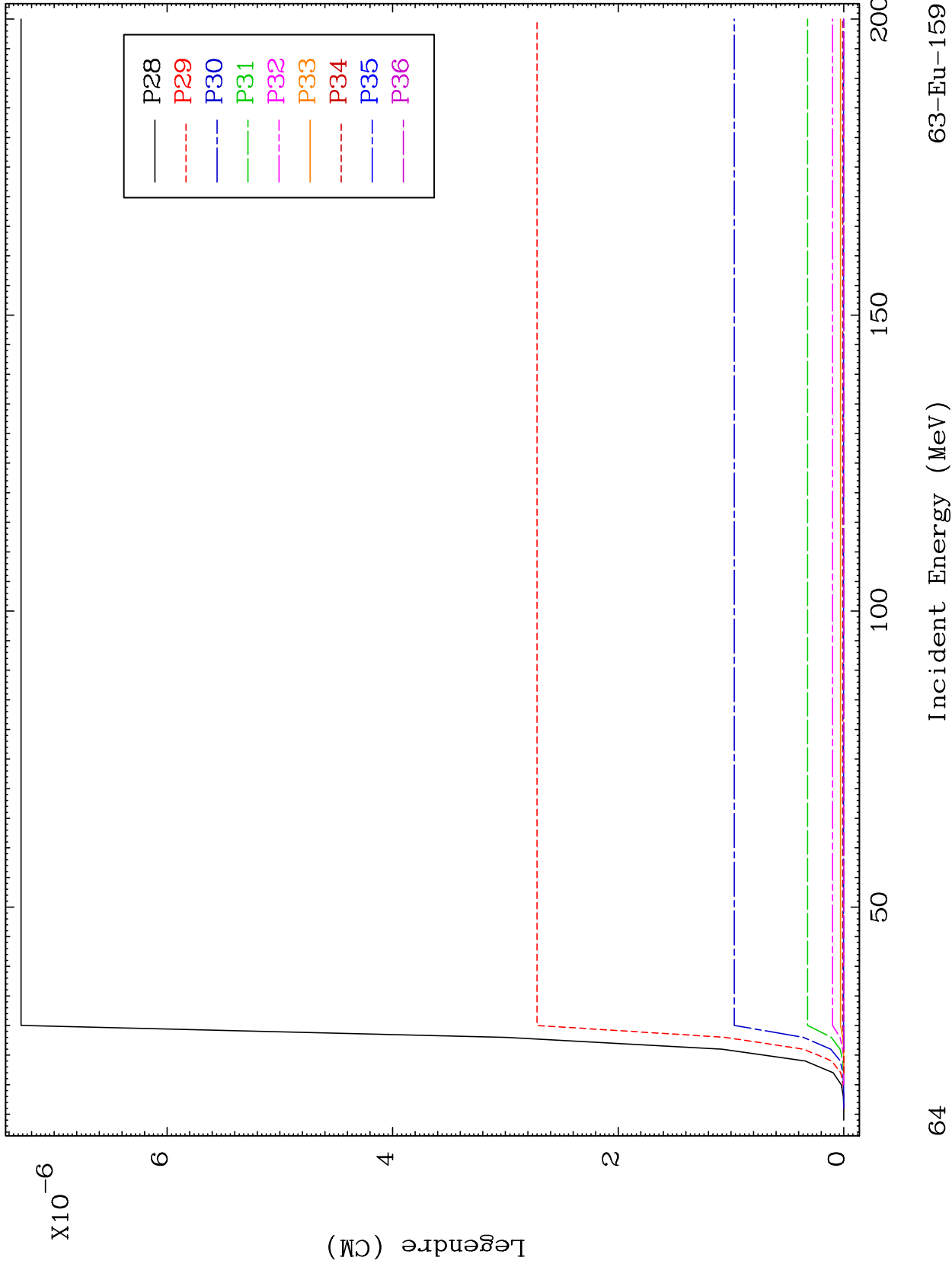
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63-Eu-159

MAT 6349

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

63-Eu-159



64

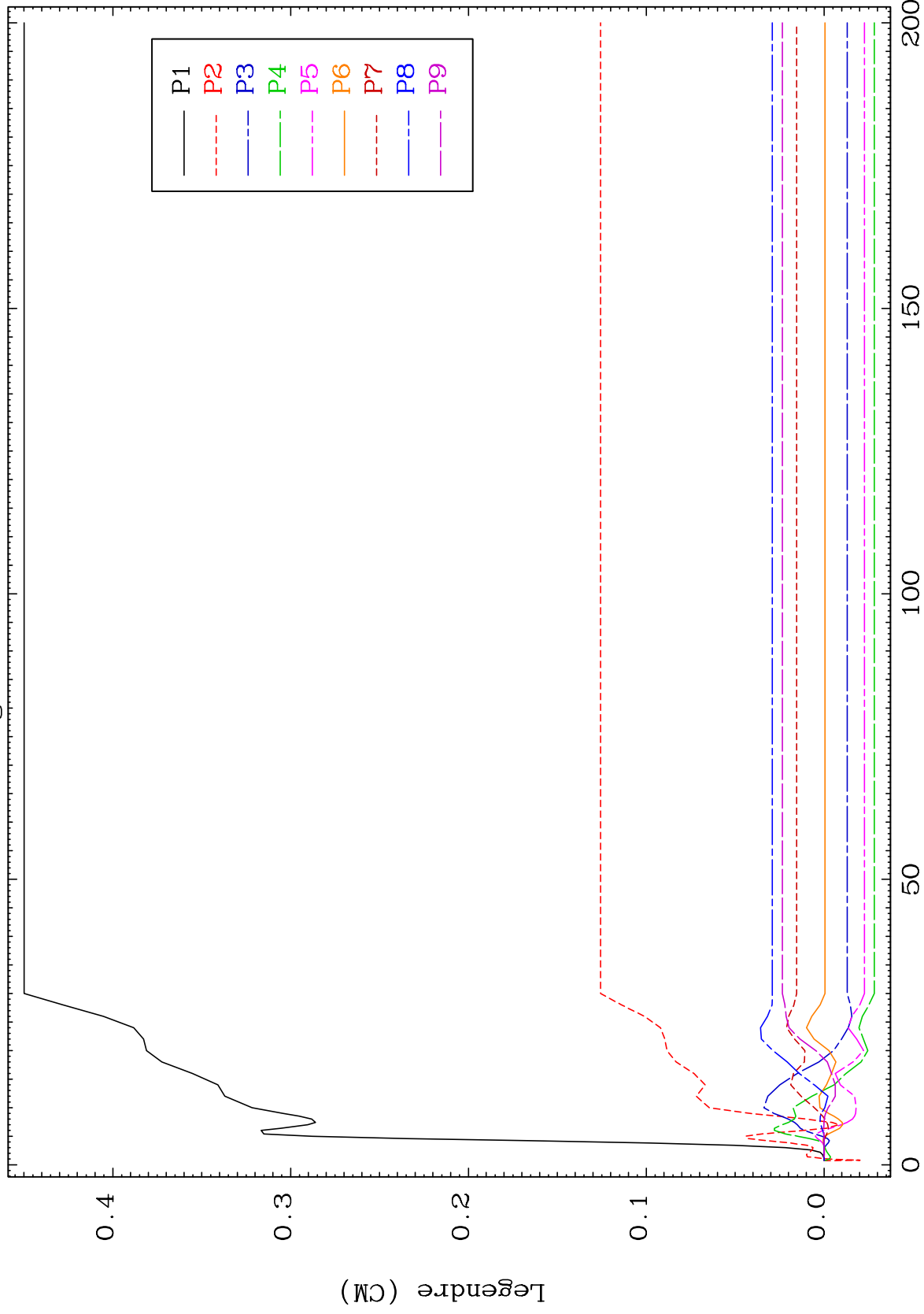
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

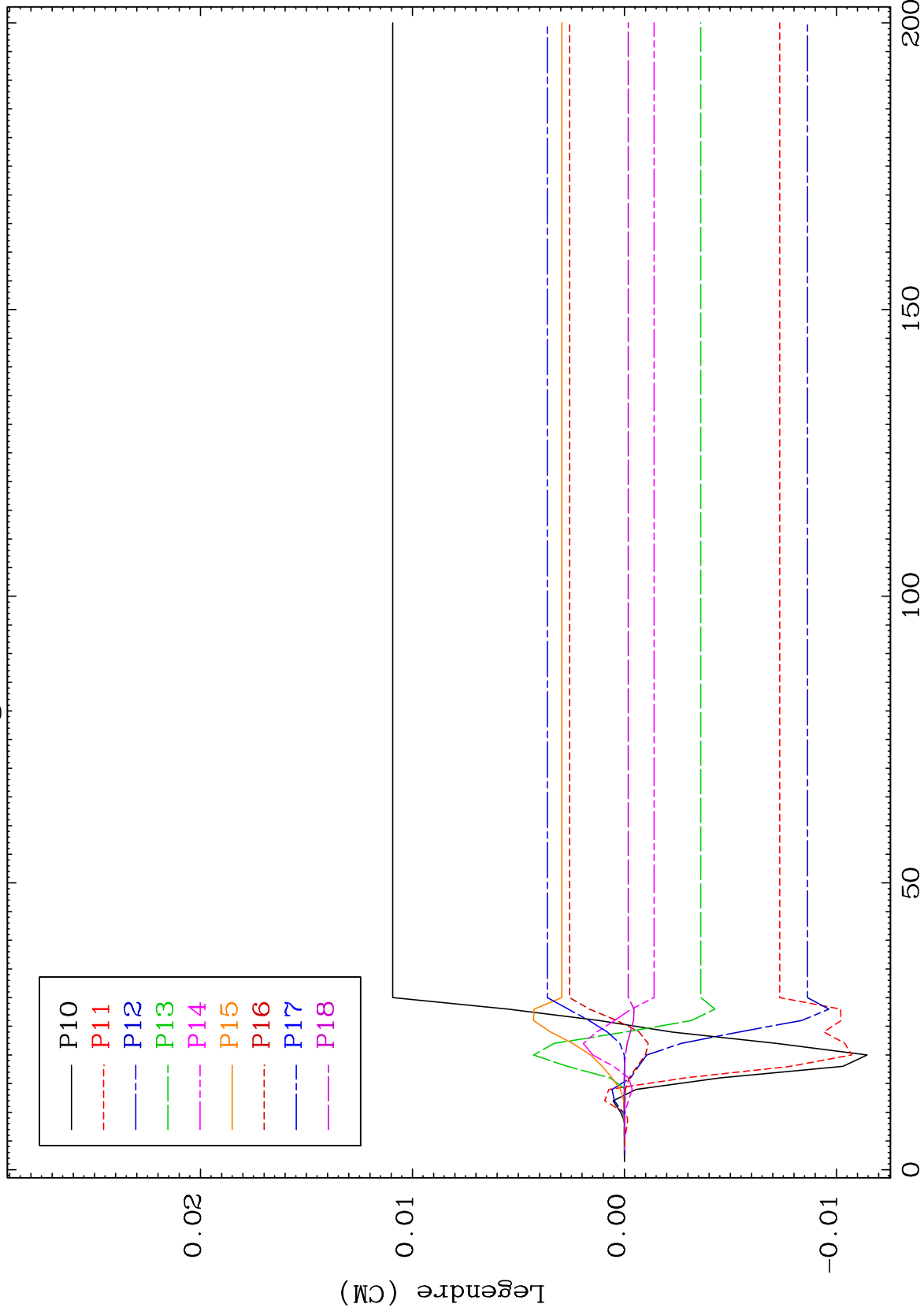
63-Eu-159

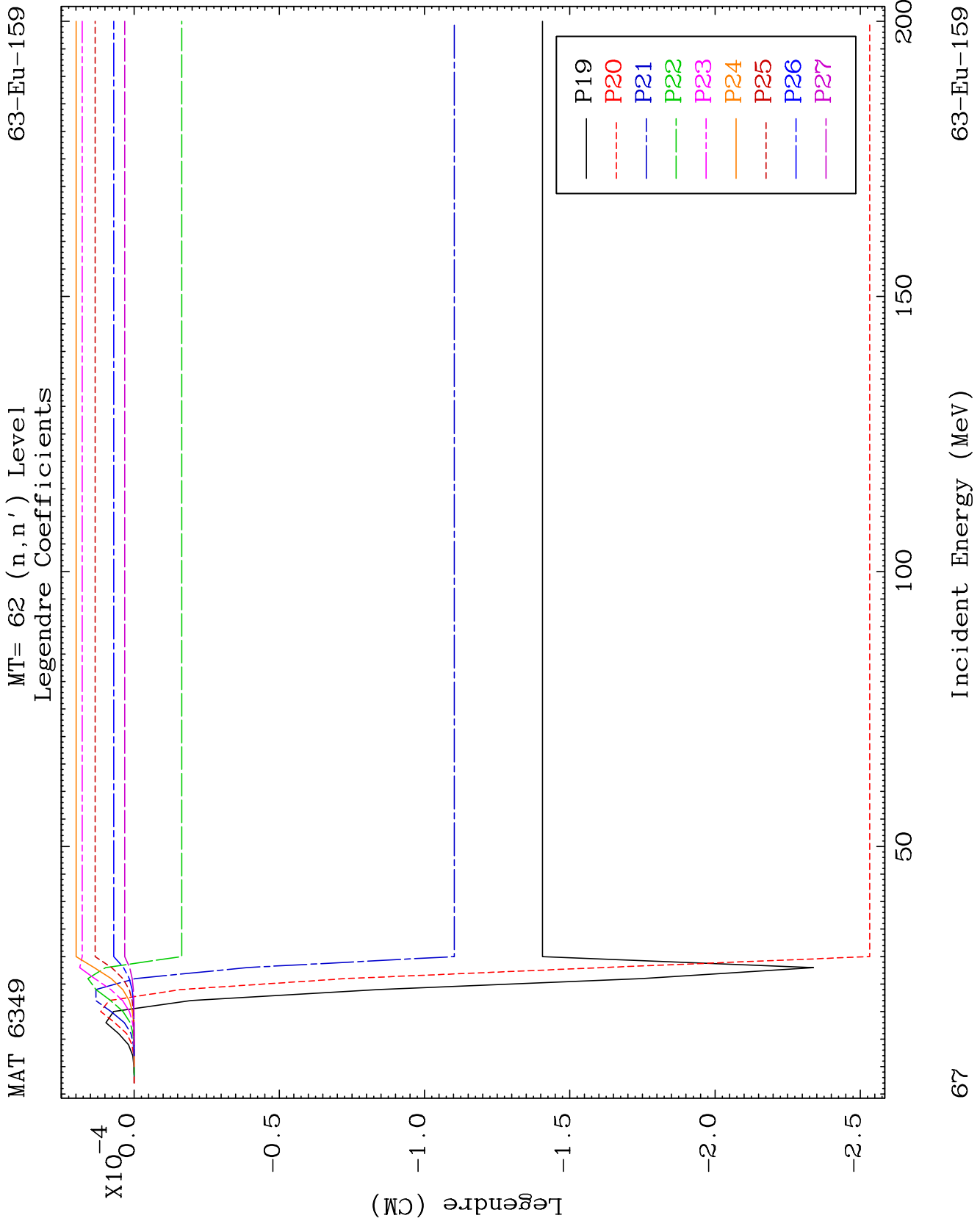


63-Eu-159

Incident Energy (MeV)

65

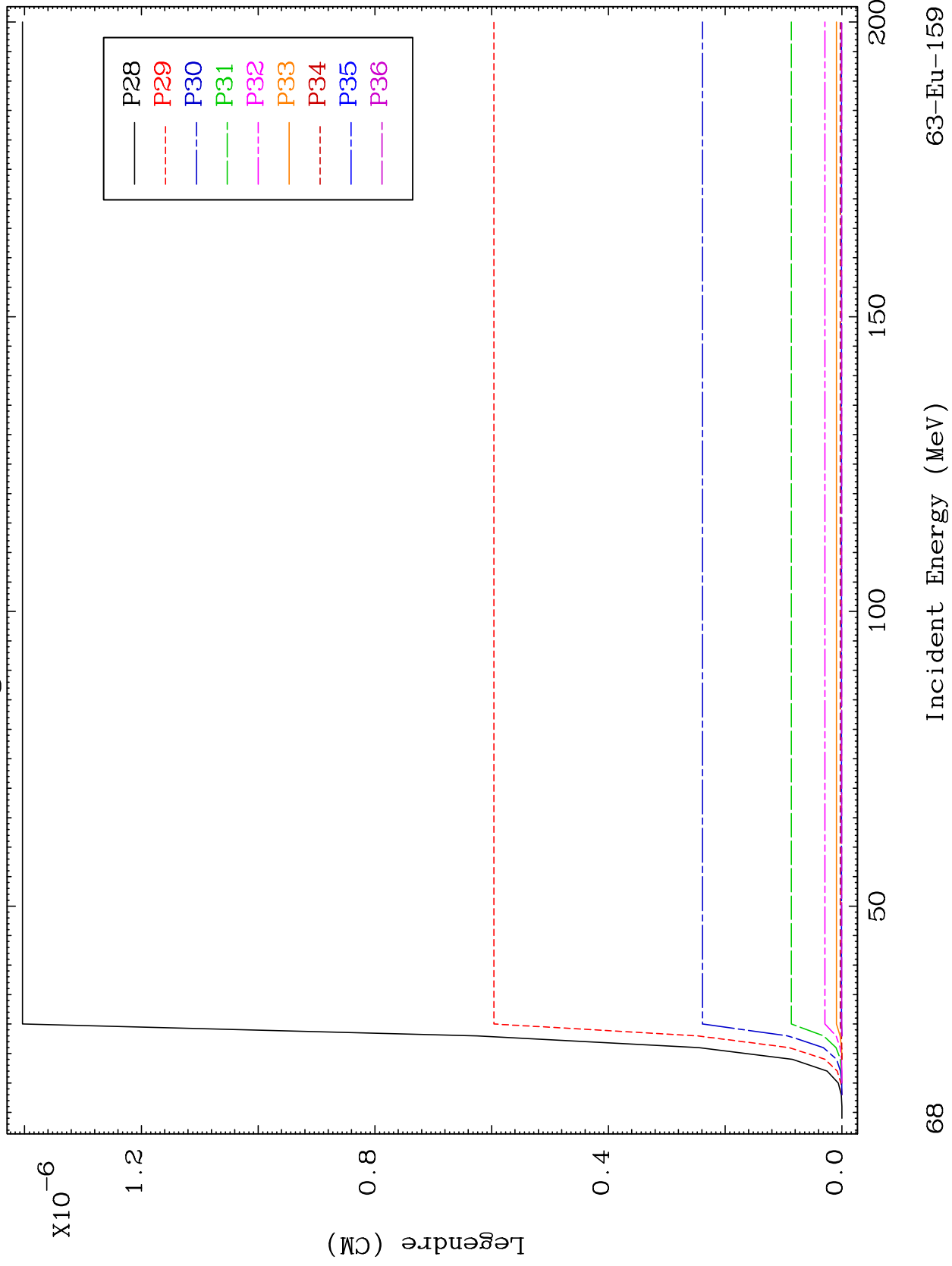




MAT 6349

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

63-Eu-159



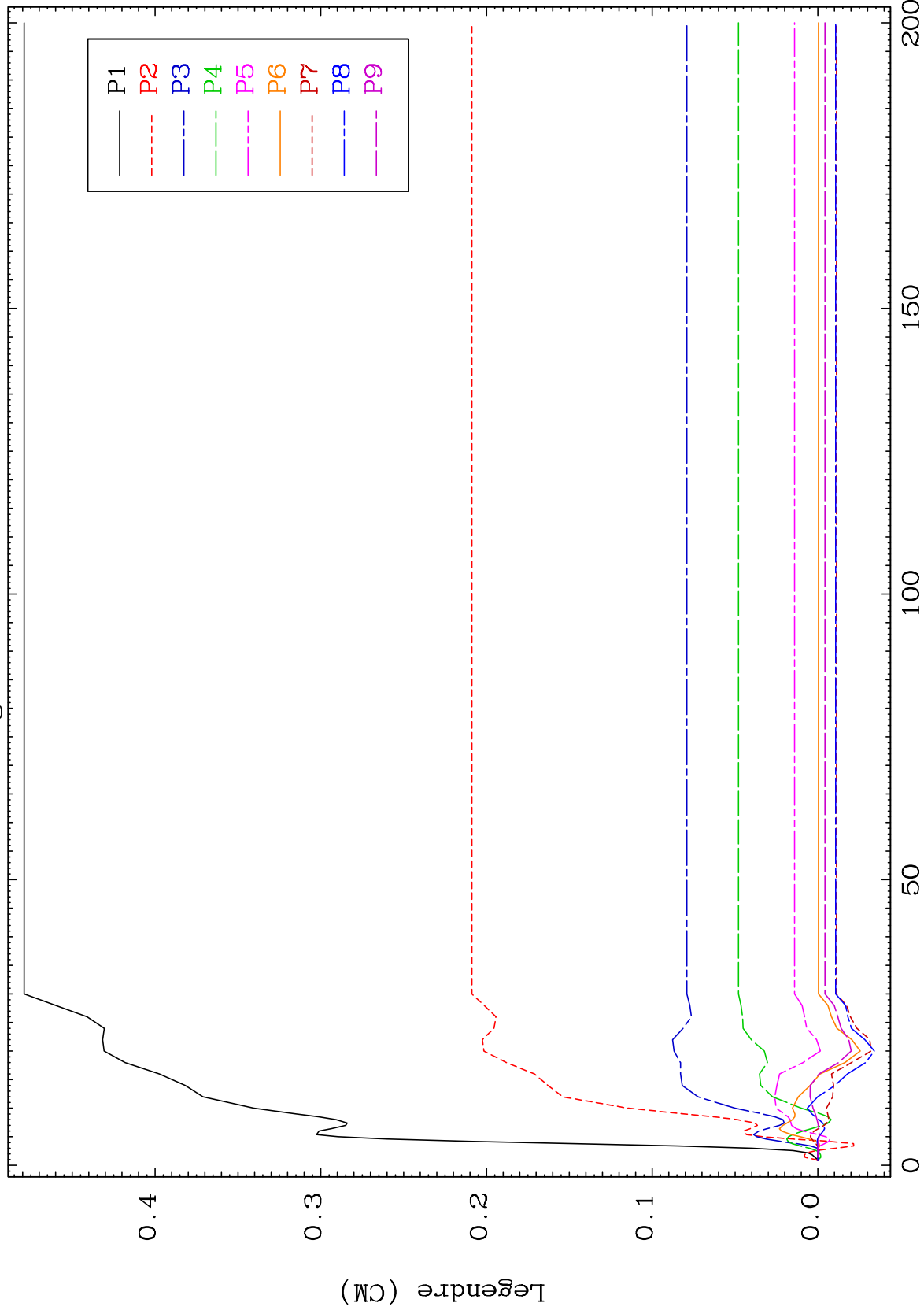
68

63-Eu-159

MAT 6349

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

63-Eu-159



69

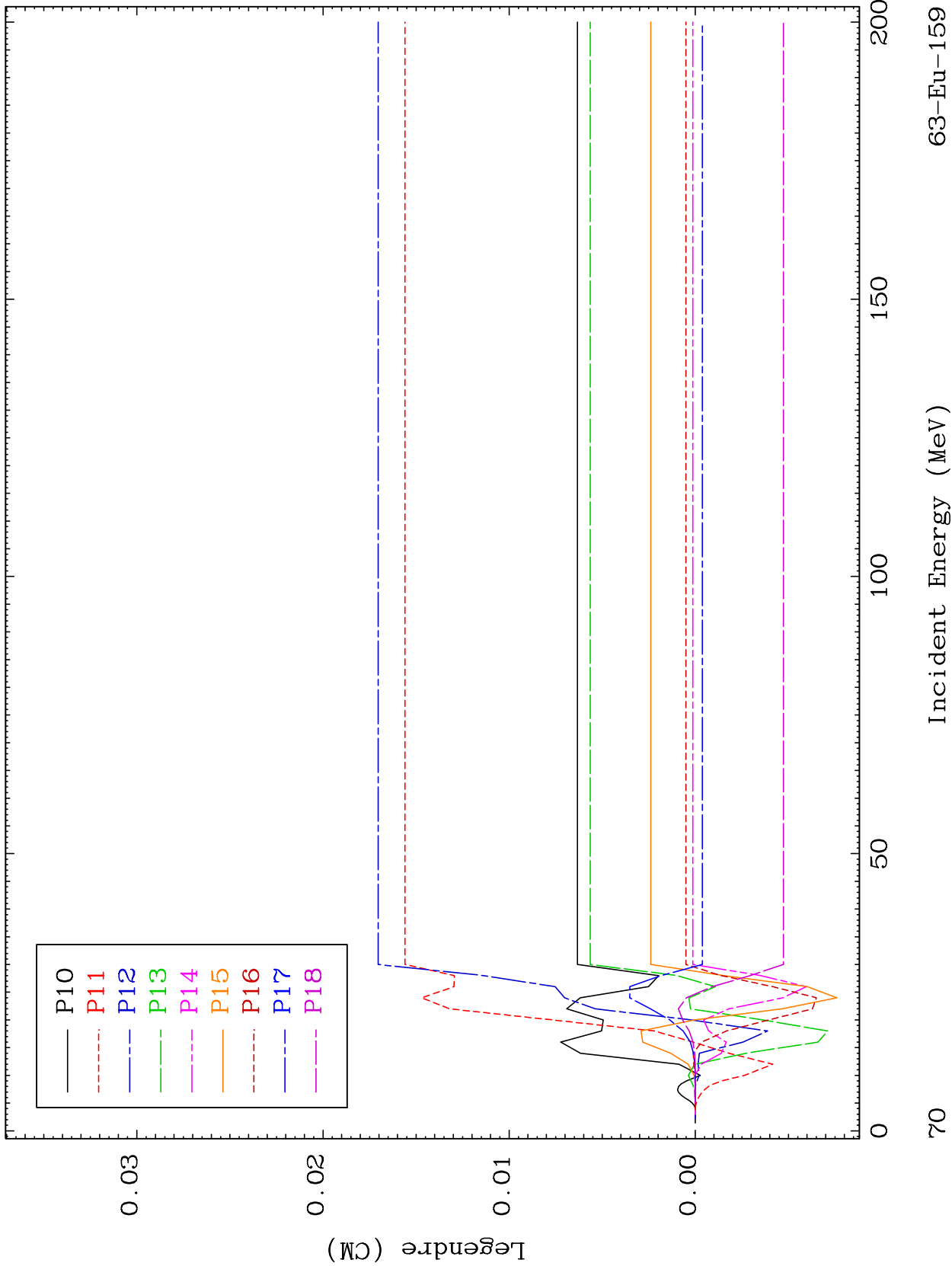
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



63-Eu-159

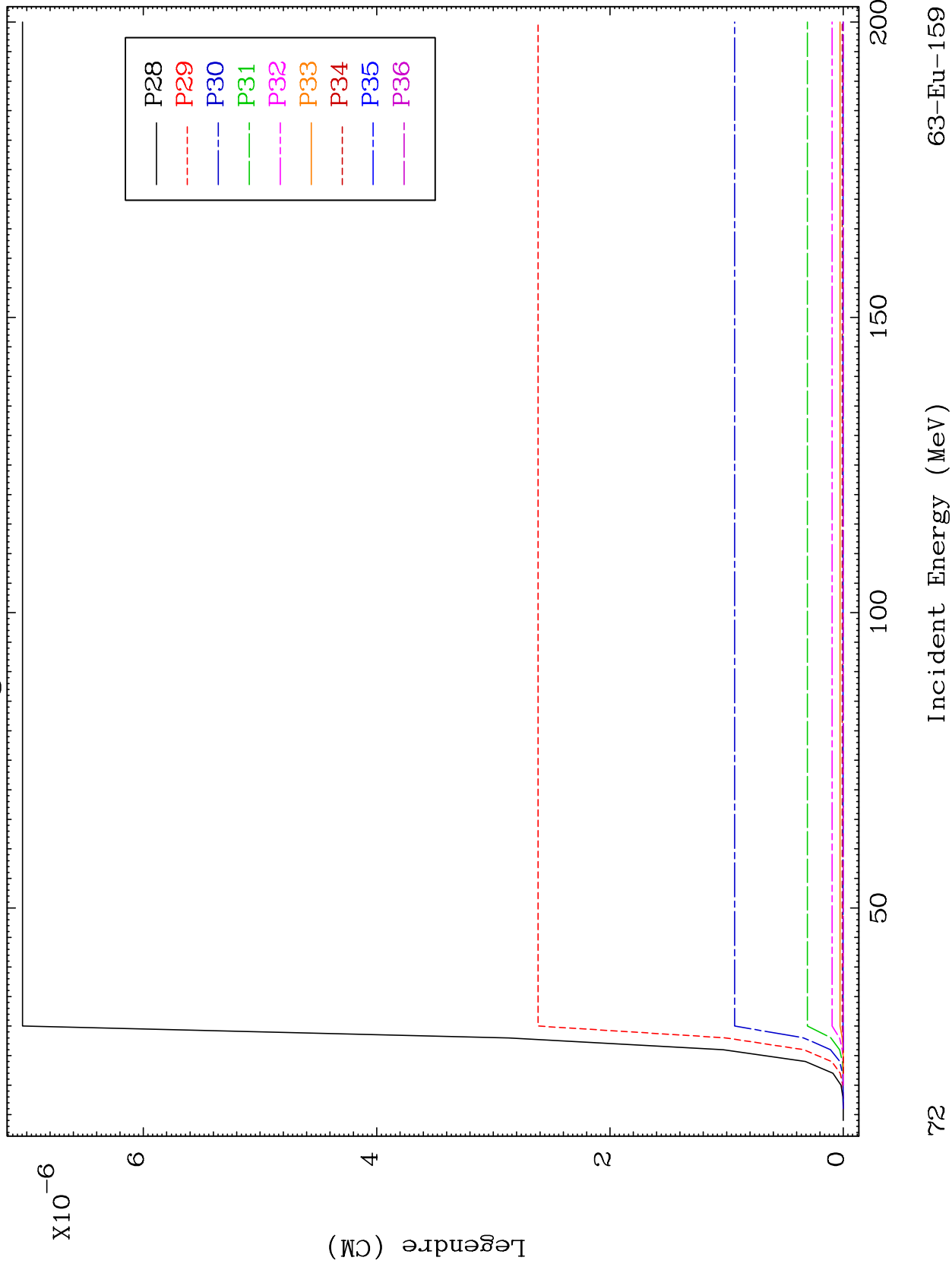
Incident Energy (MeV)

70

MAT 6349

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

63-Eu-159



72

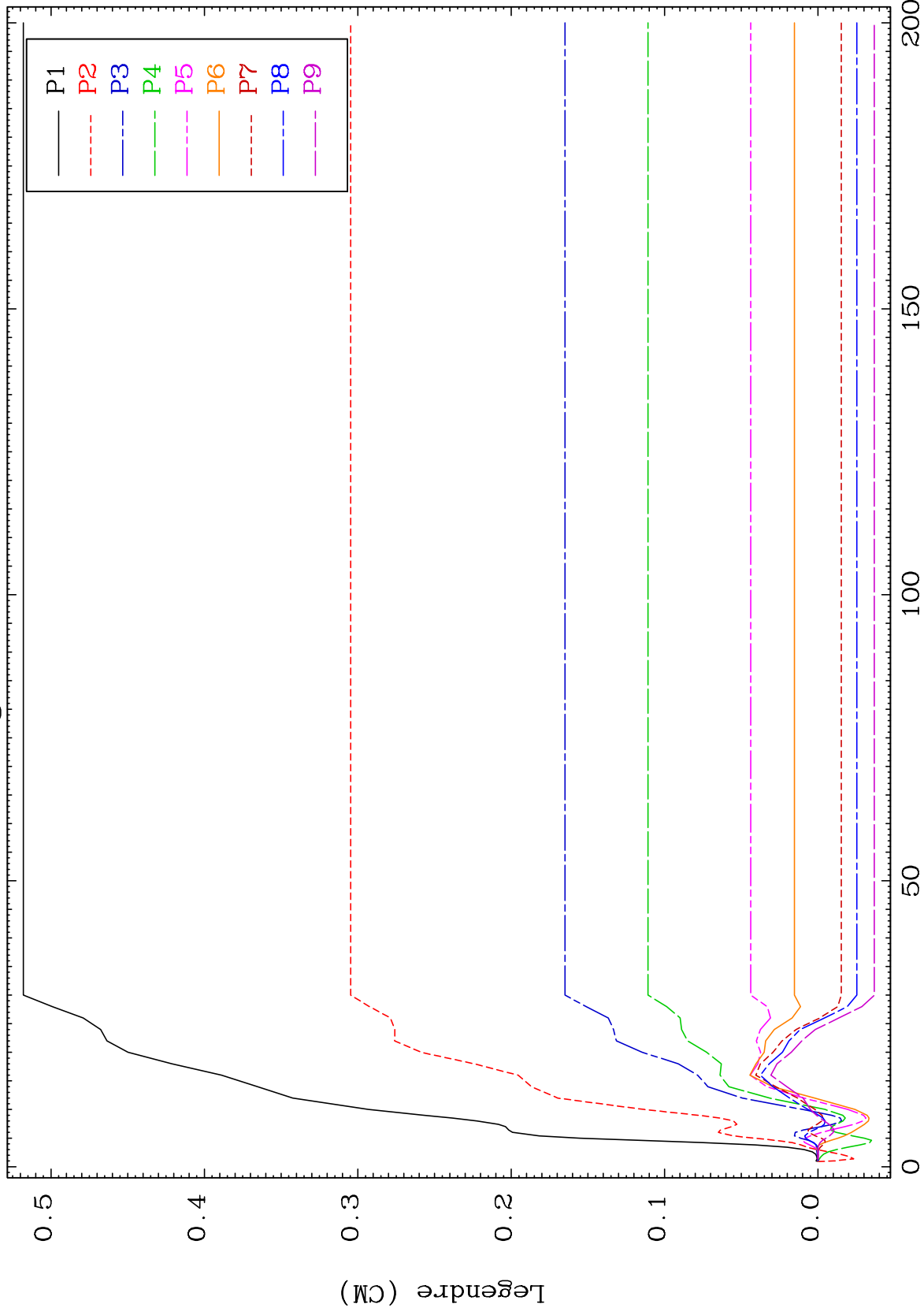
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



73

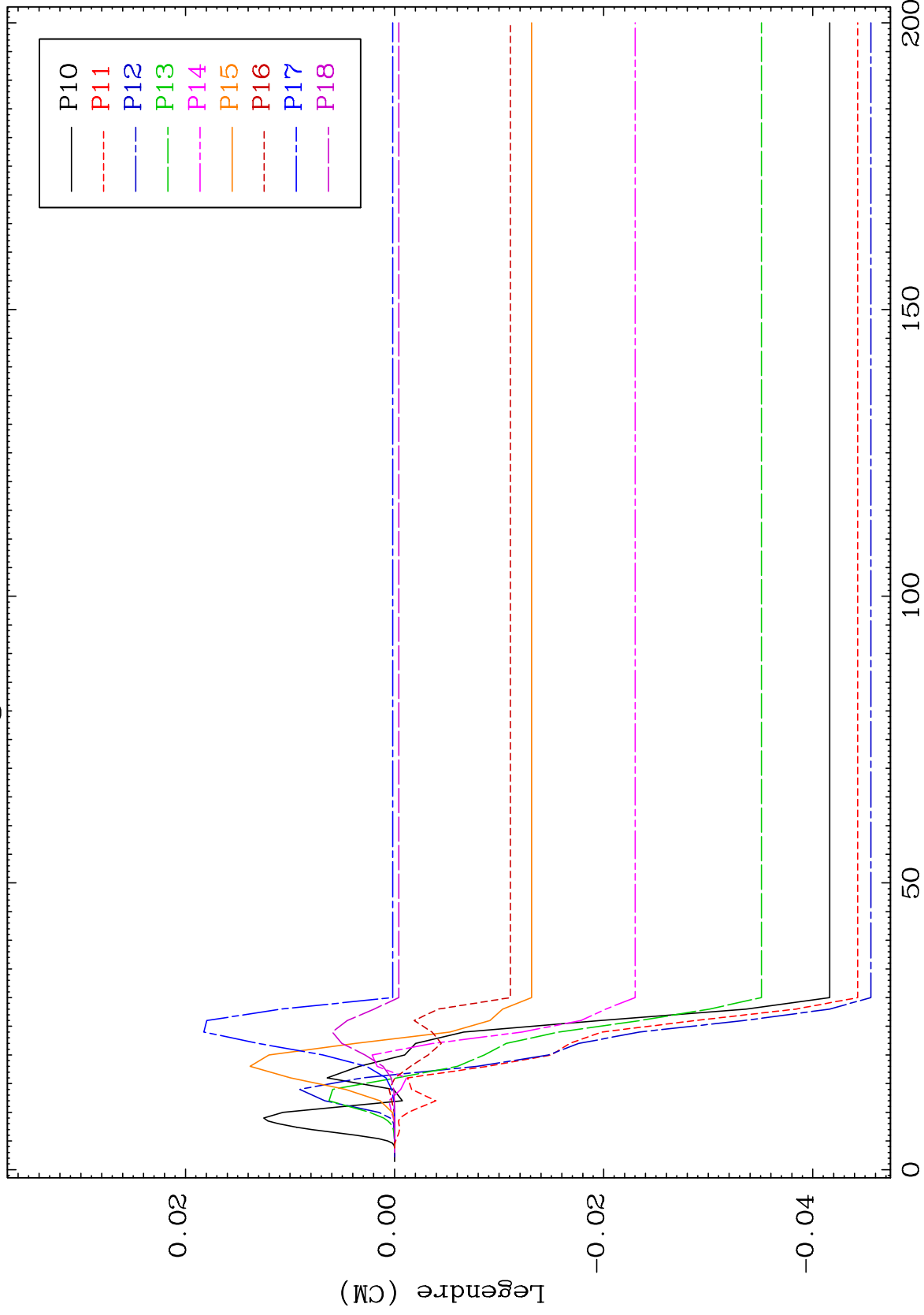
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



74

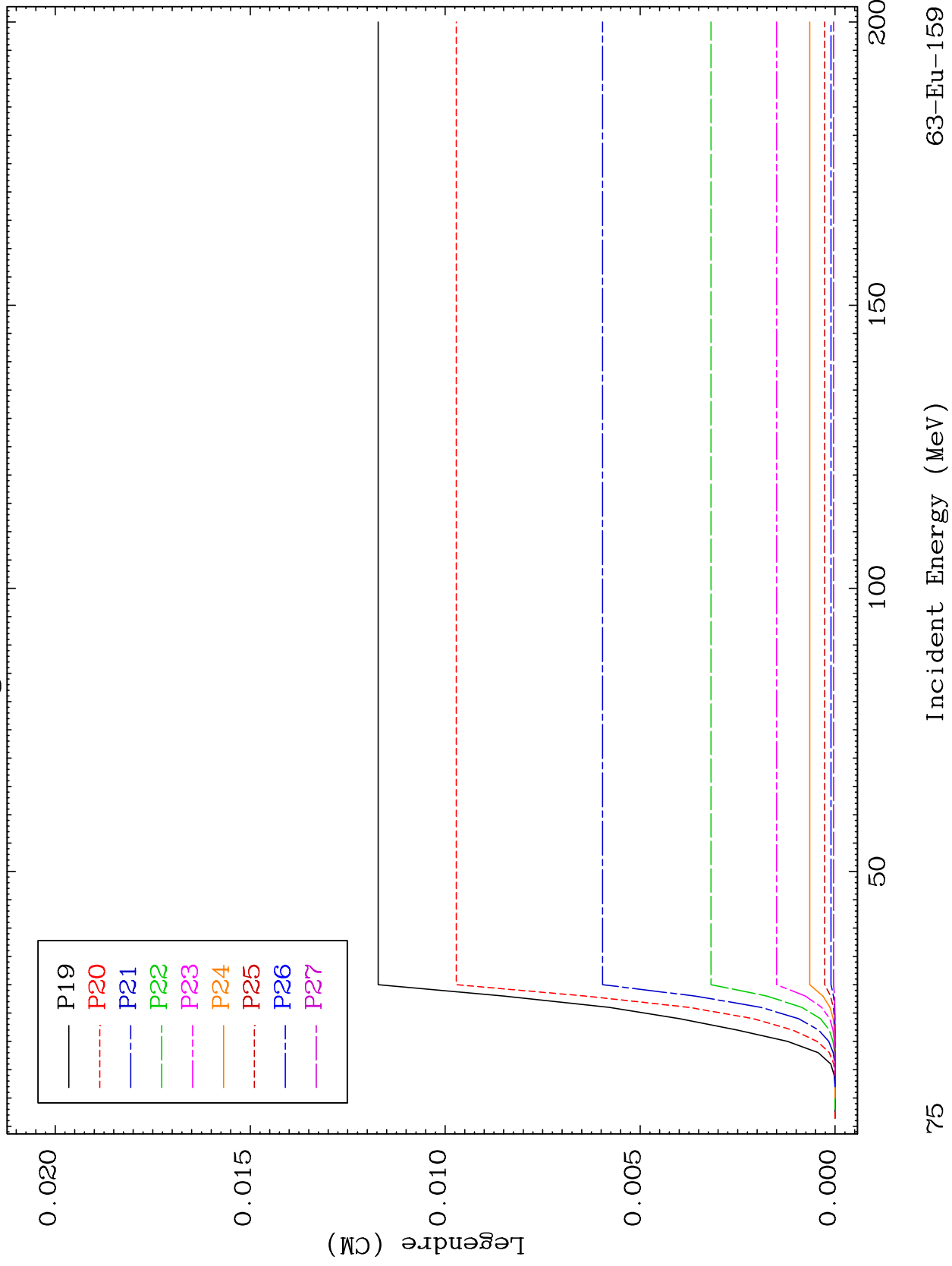
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



75

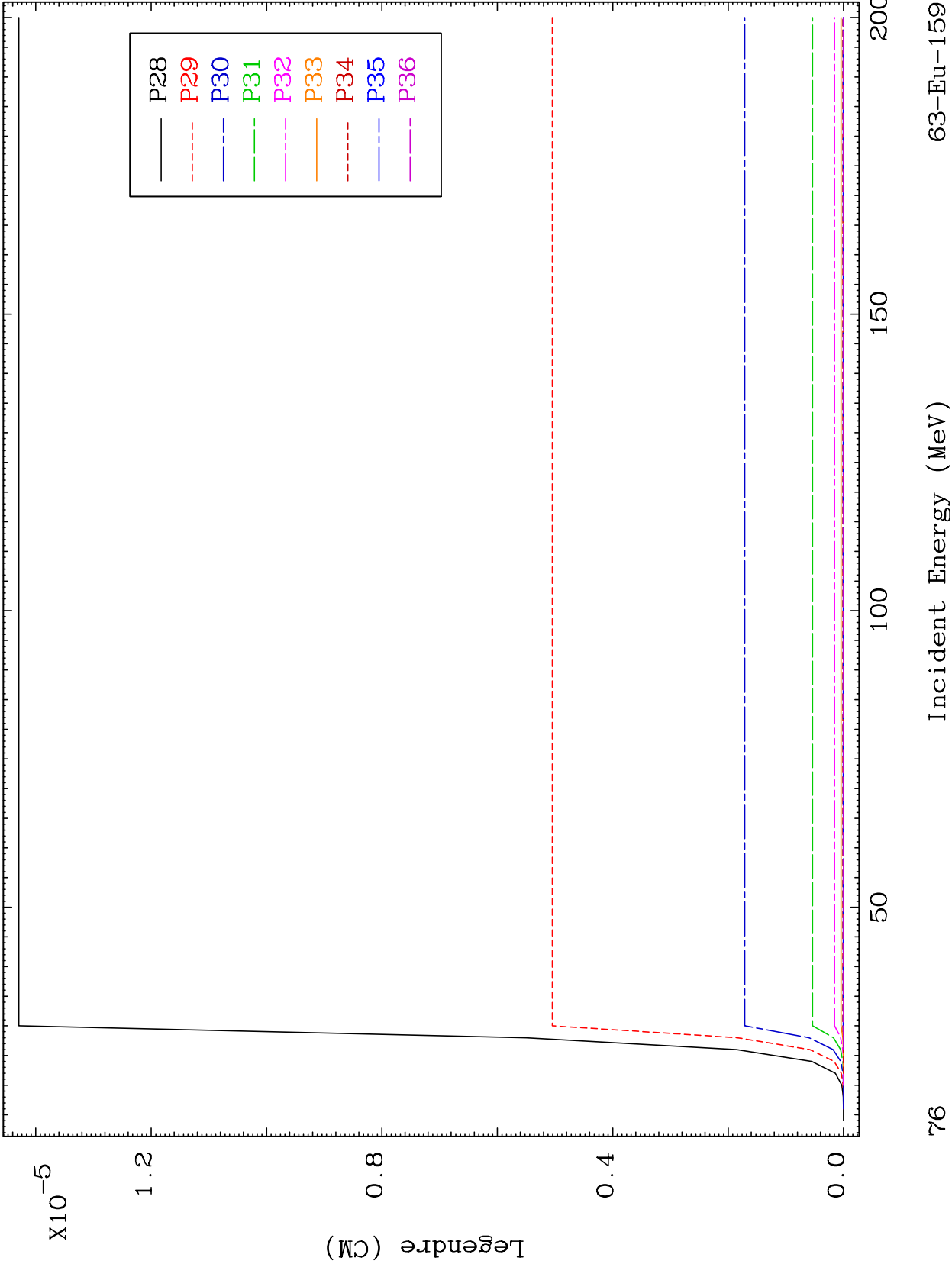
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

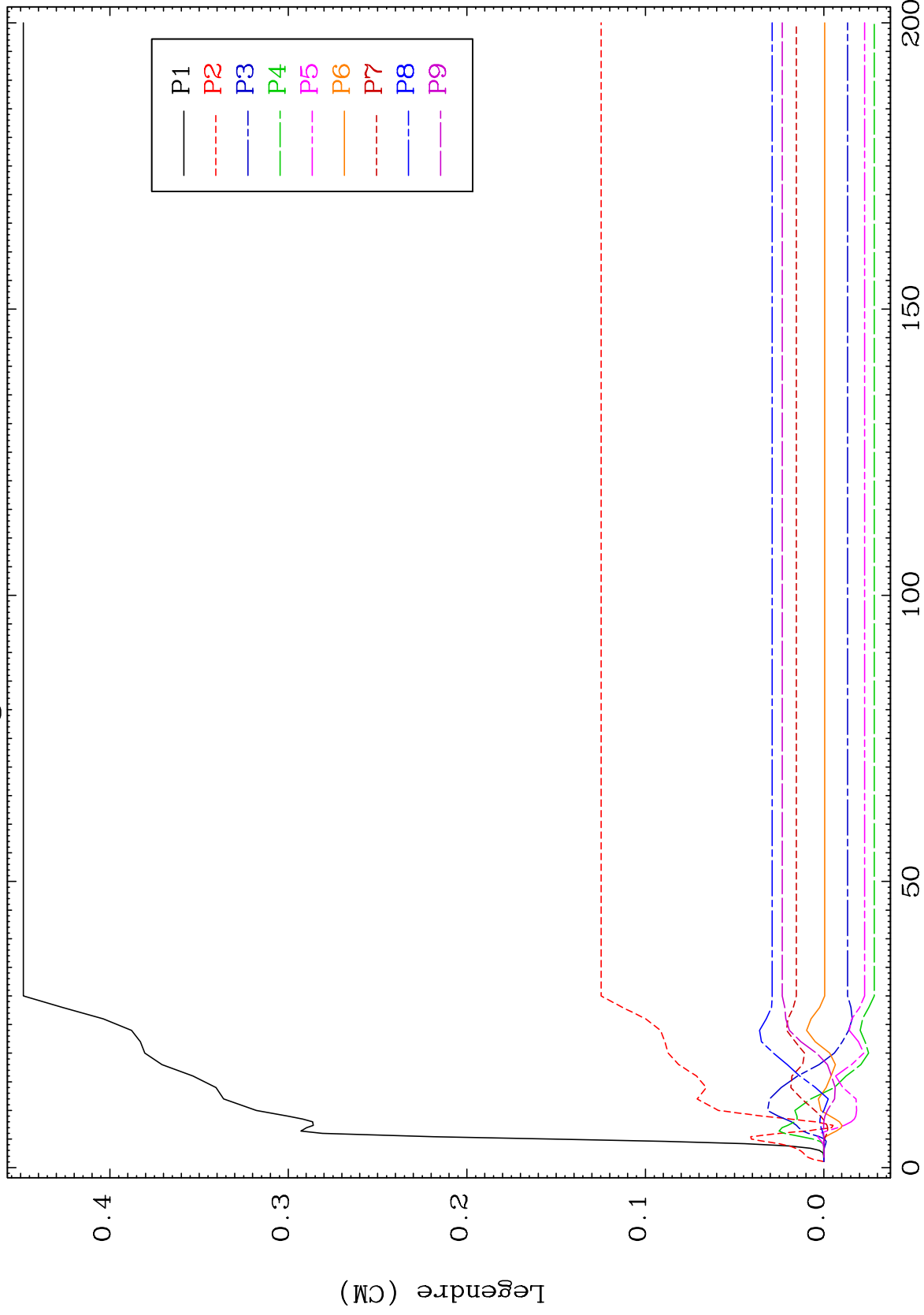
63-Eu-159



MAT 6349

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

63-Eu-159



77

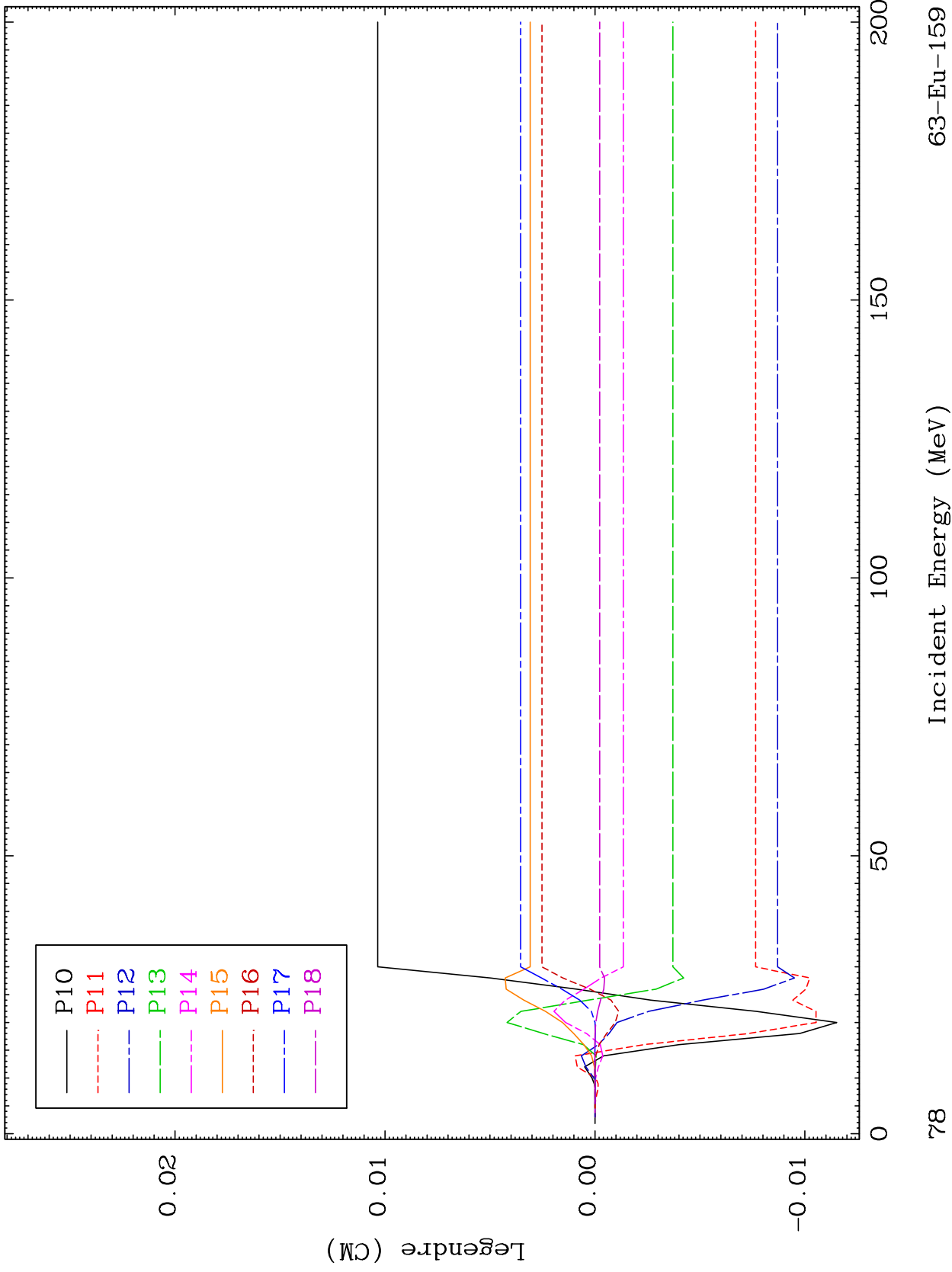
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



78

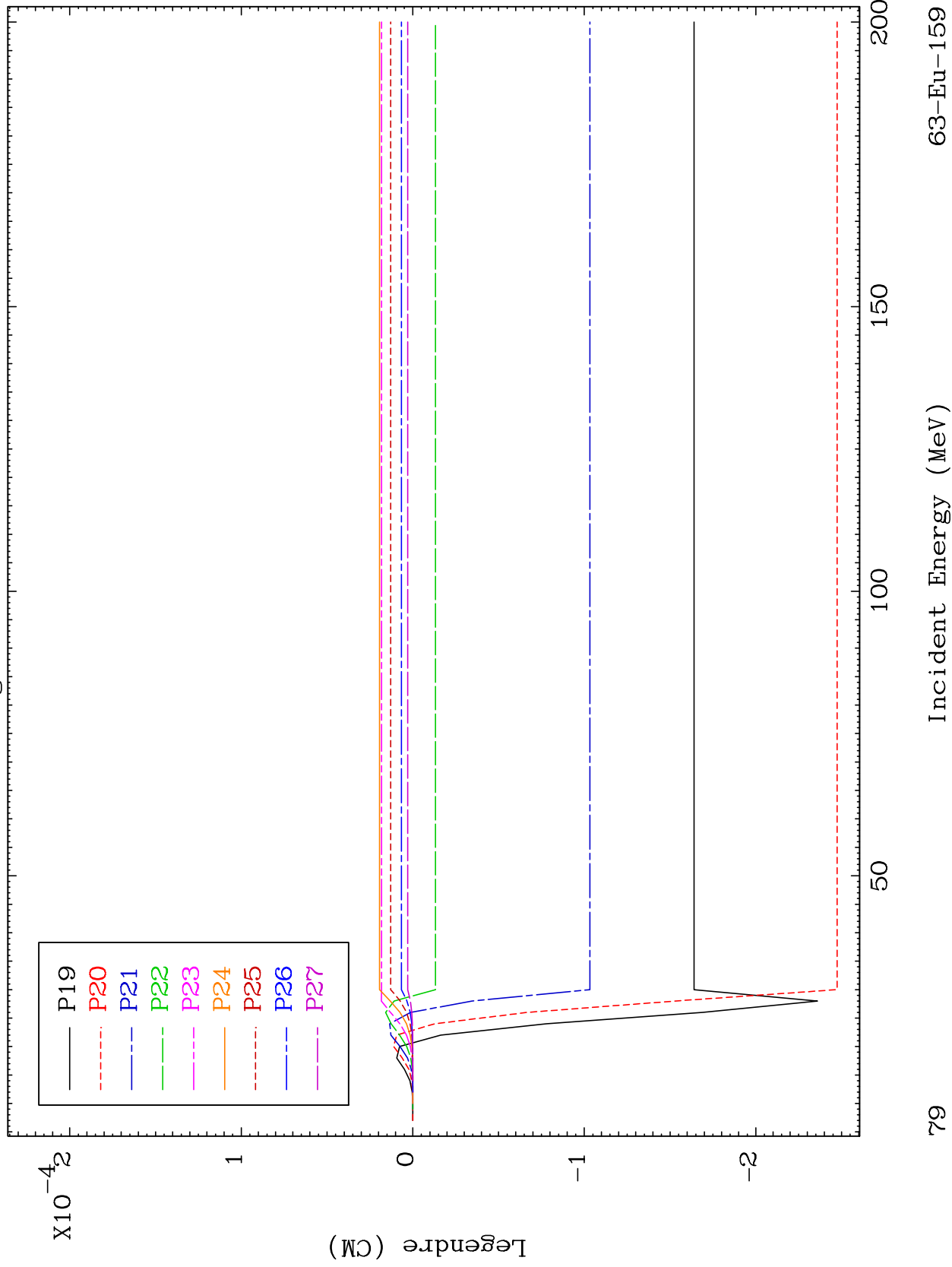
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



79

Incident Energy (MeV)

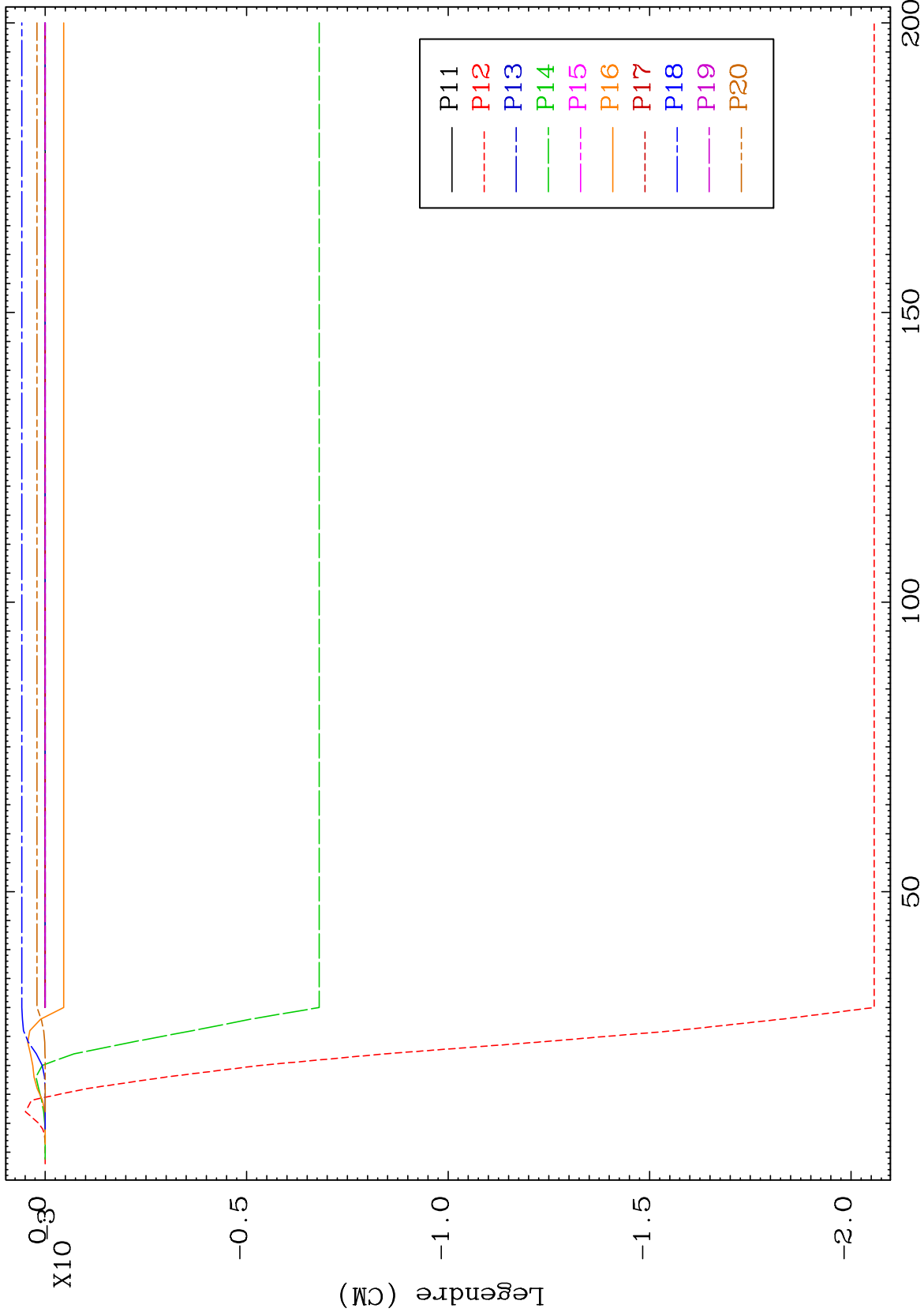
63-Eu-159

MAT 6349

MT= 66 (n,n') Level

63-Eu-159

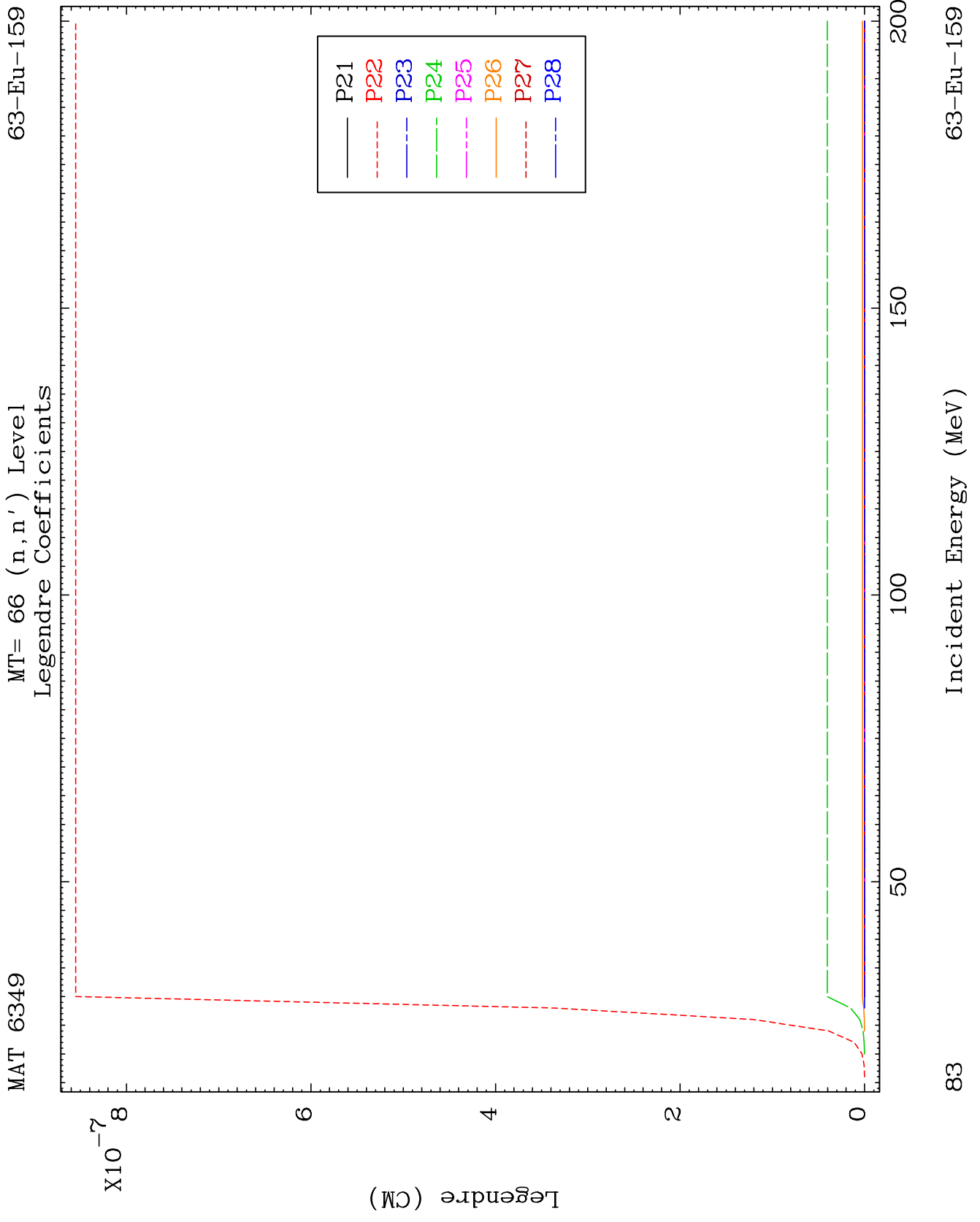
Legendre Coefficients



82

Incident Energy (MeV)

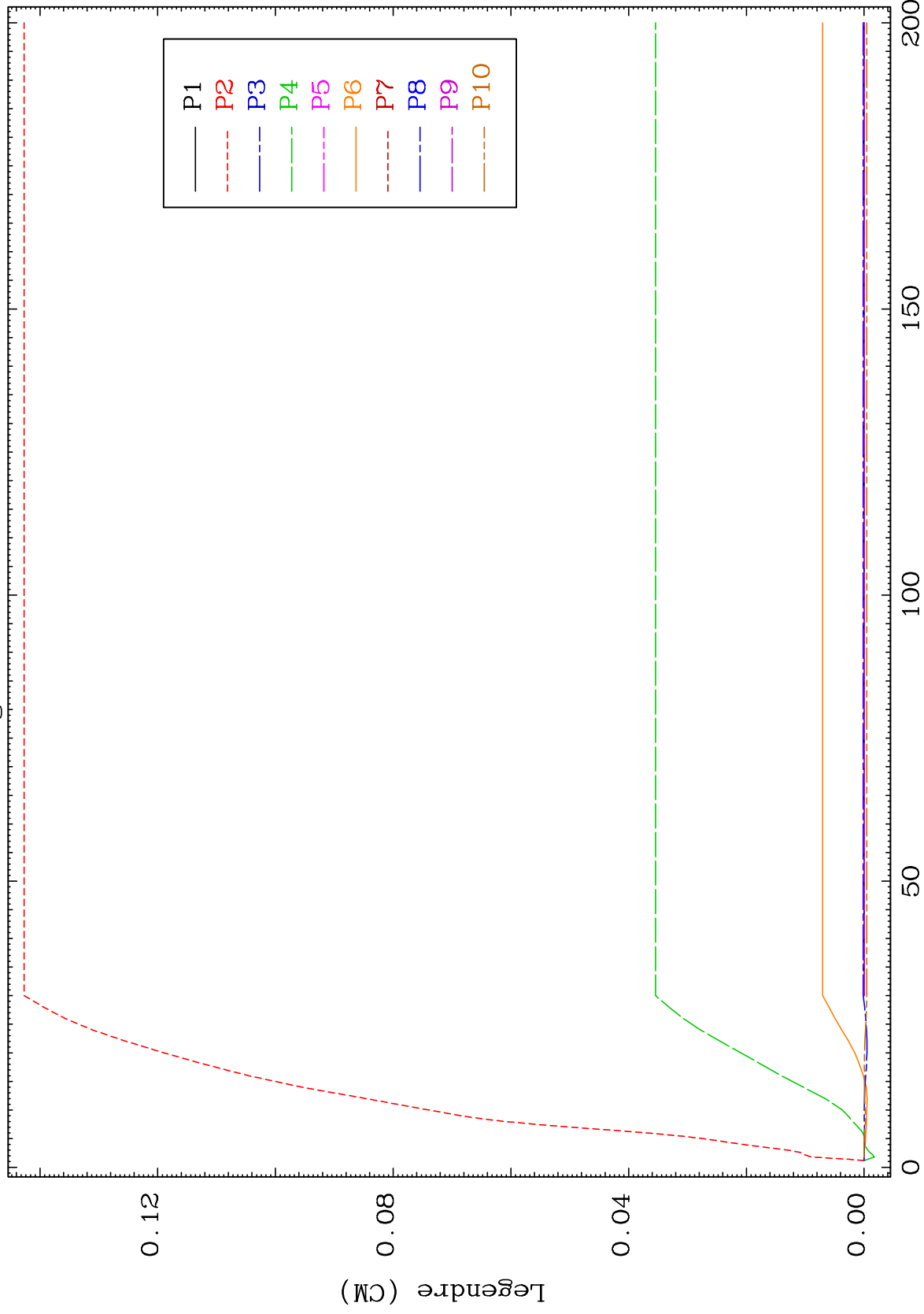
63-Eu-159



MAT 6349

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

63-Eu-159



84

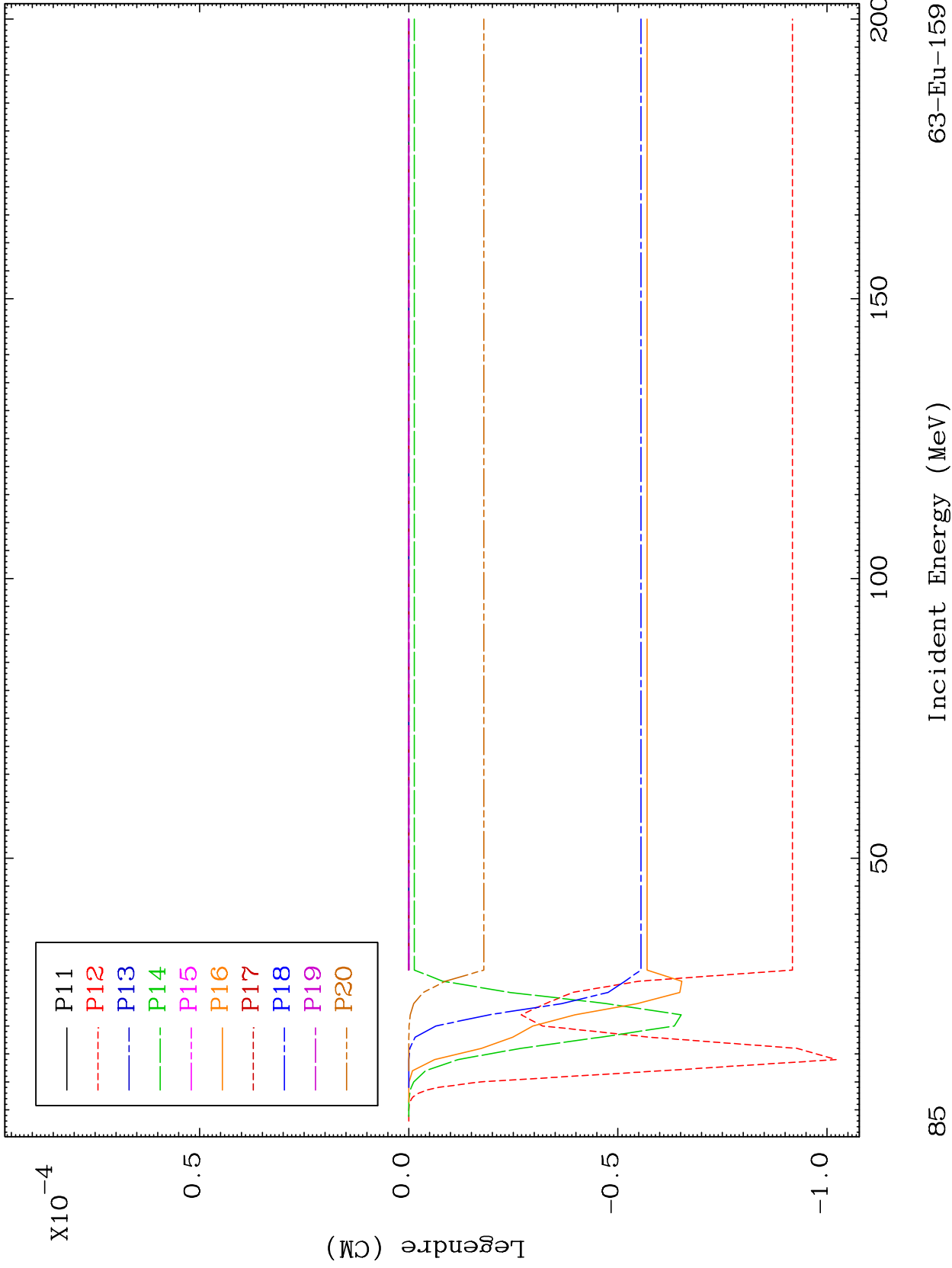
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

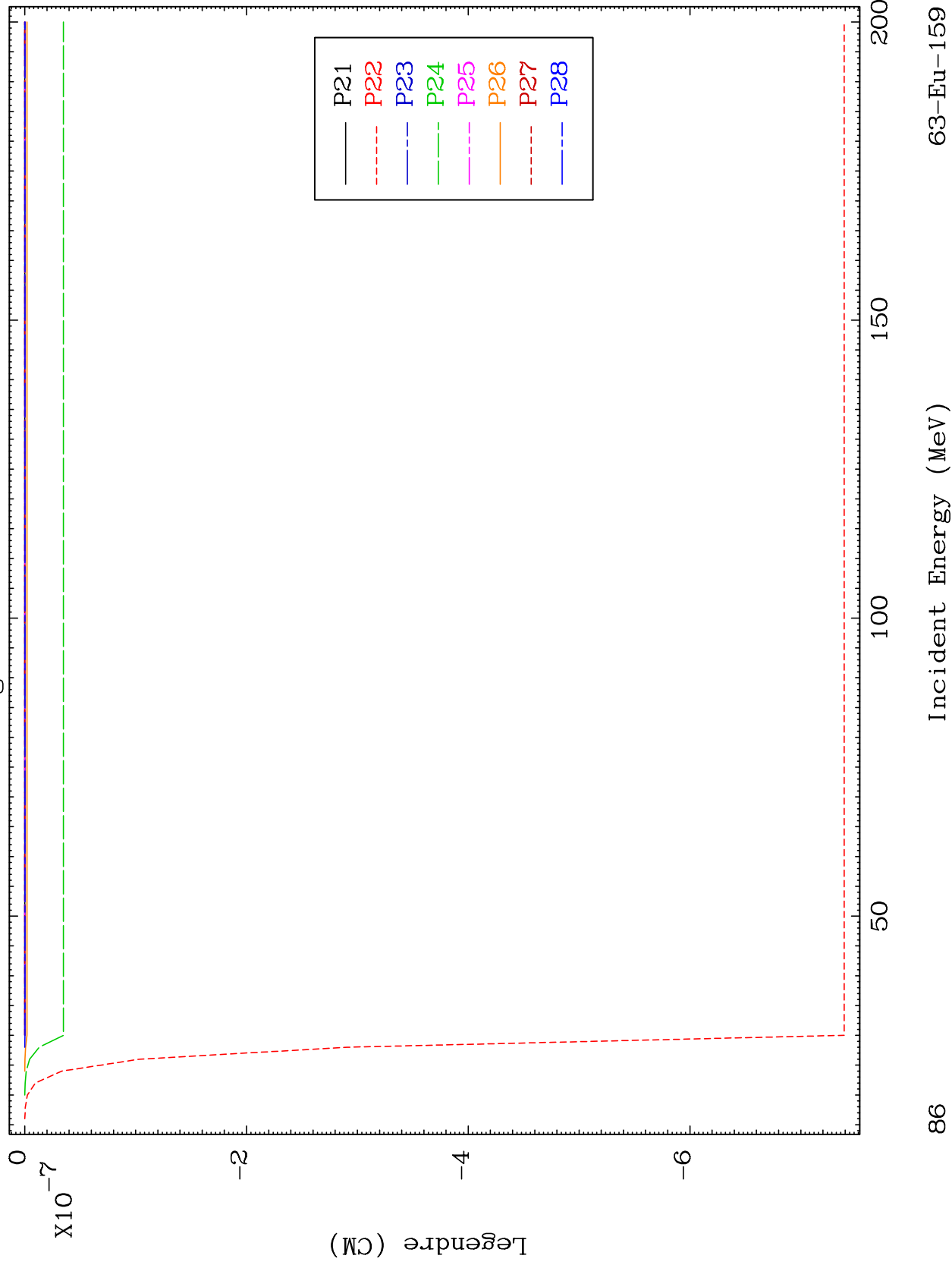
63-Eu-159



MAT 6349

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

63-Eu-159



86

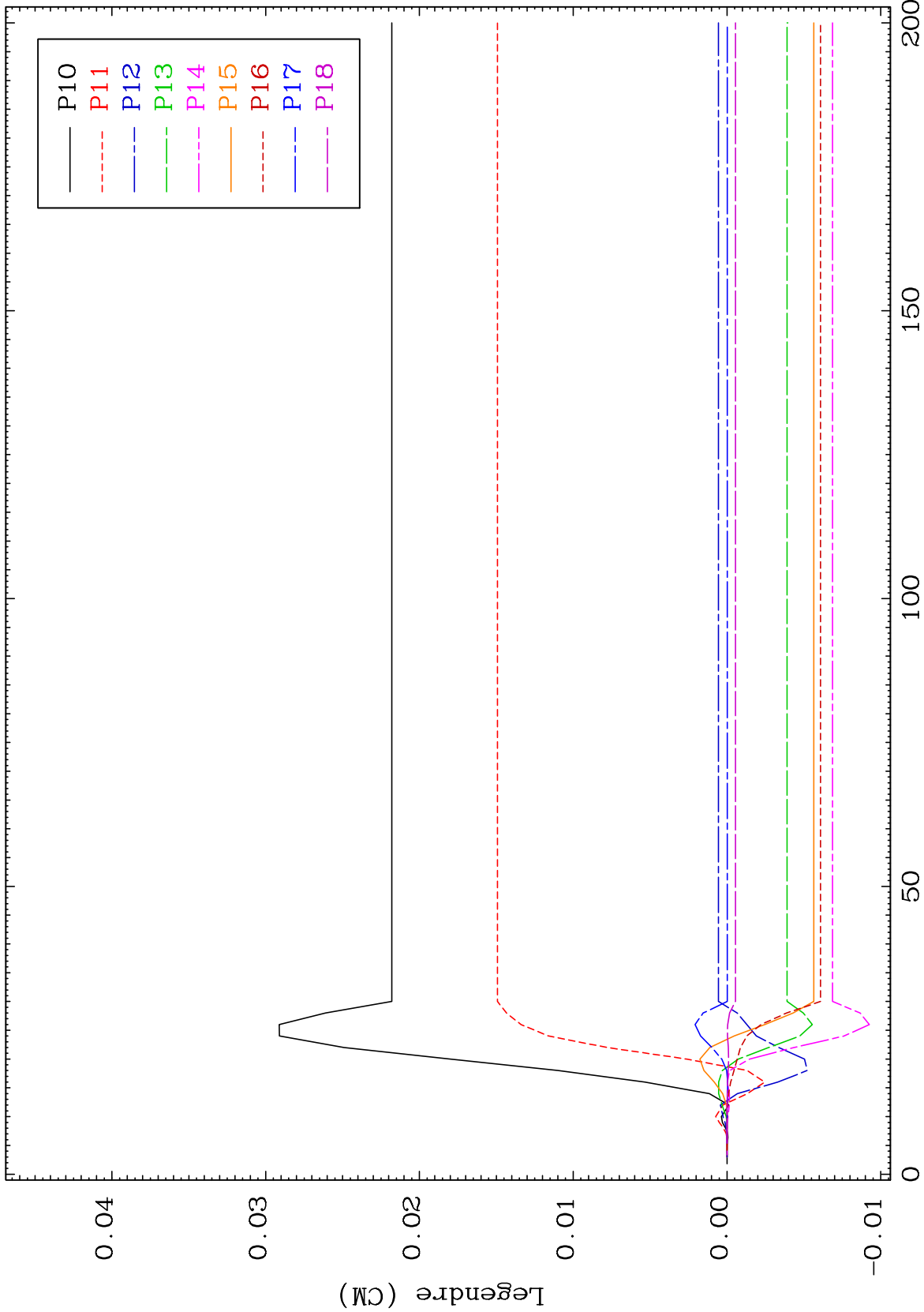
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



88

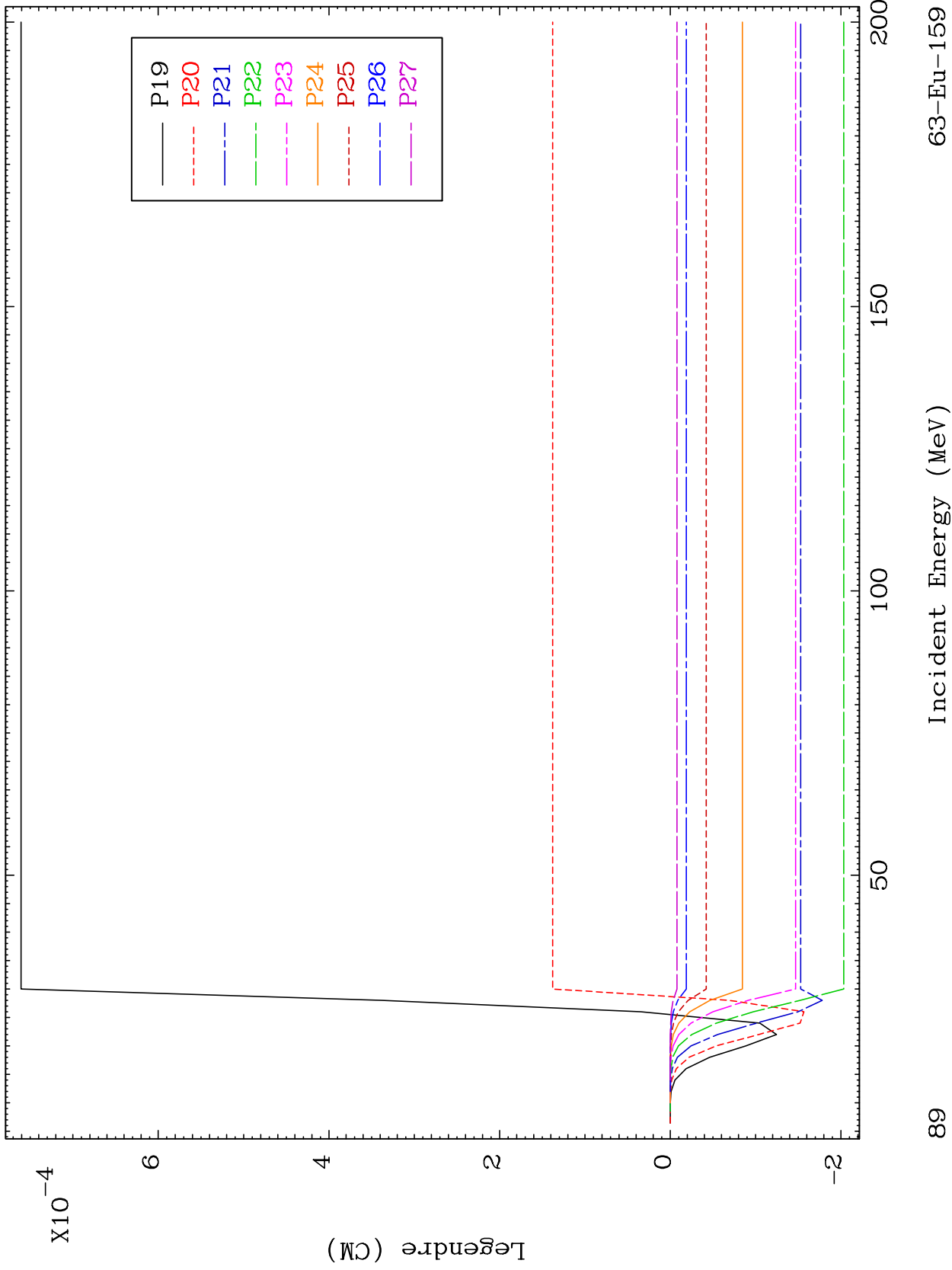
Incident Energy (MeV)

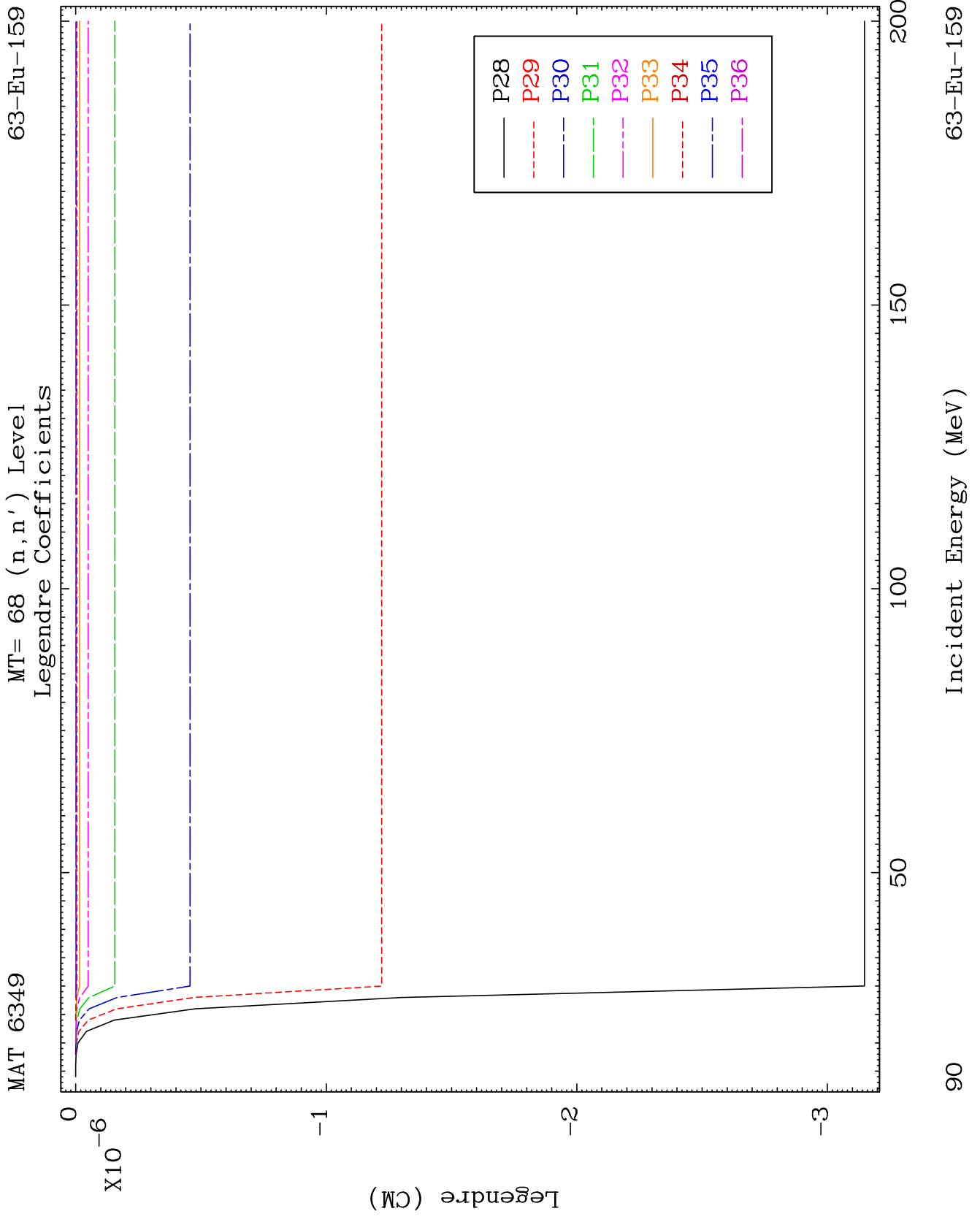
63-Eu-159

MAT 6349

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

63-Eu-159

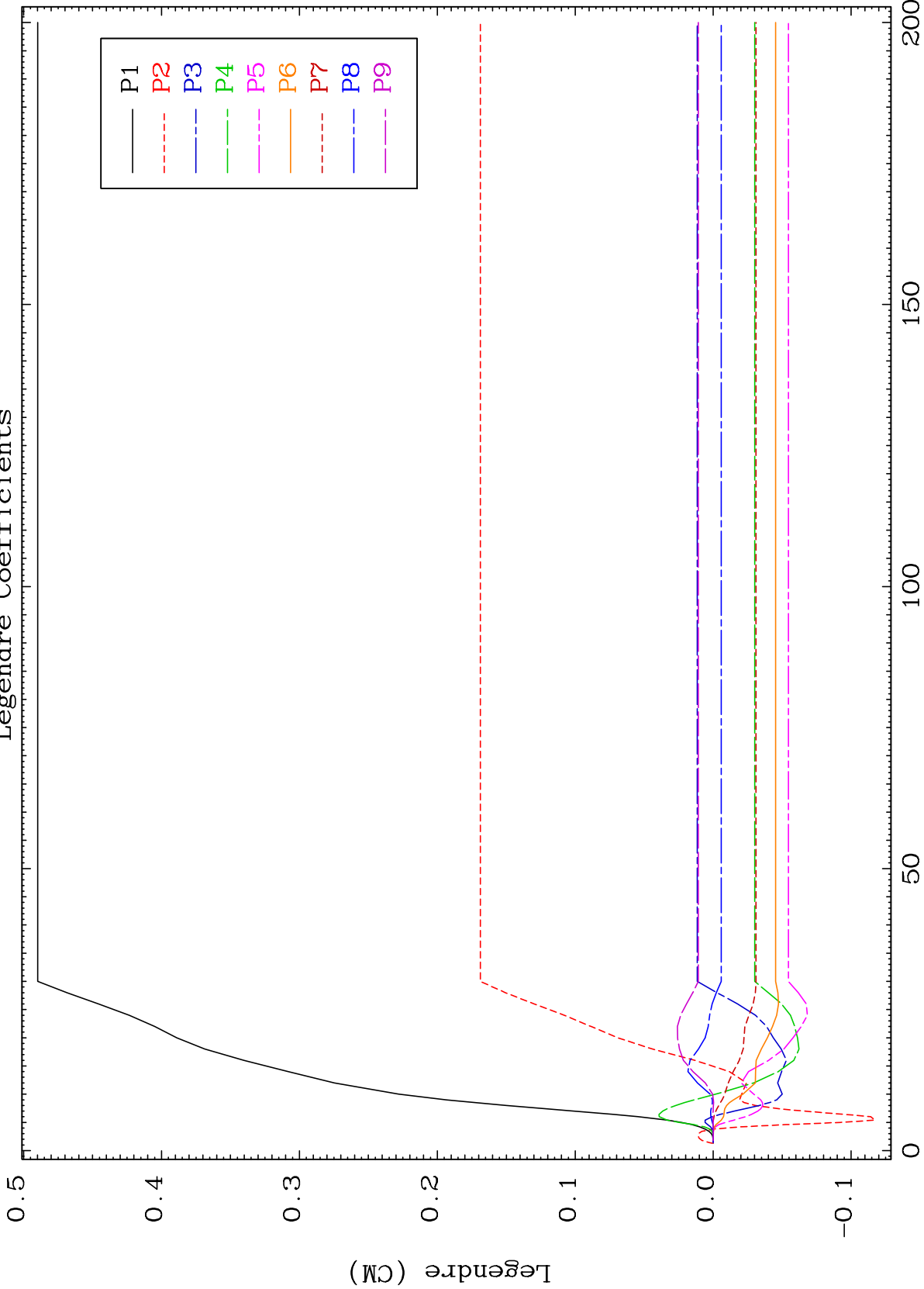




MAT 6349

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

63-Eu-159



91

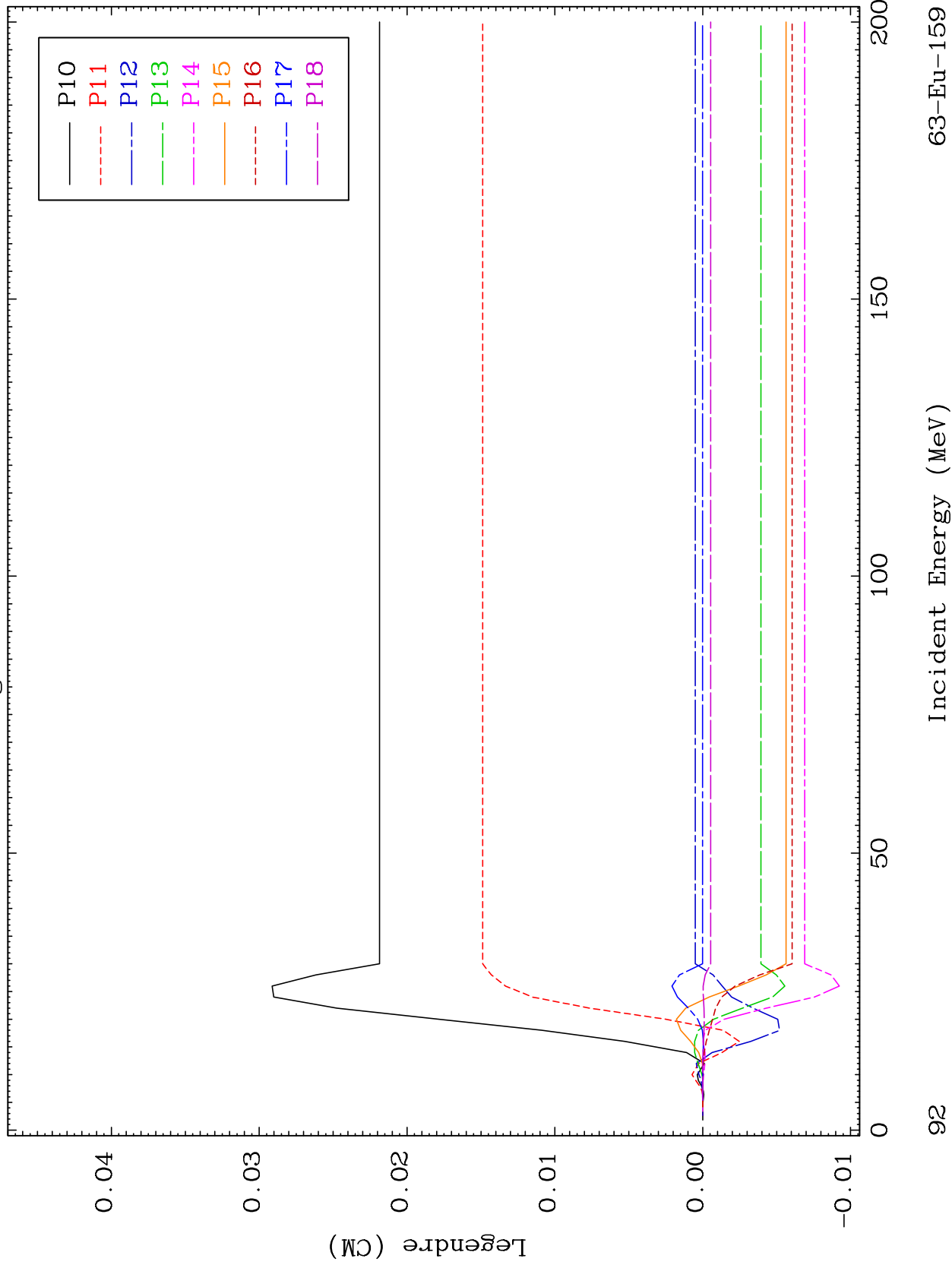
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



63-Eu-159

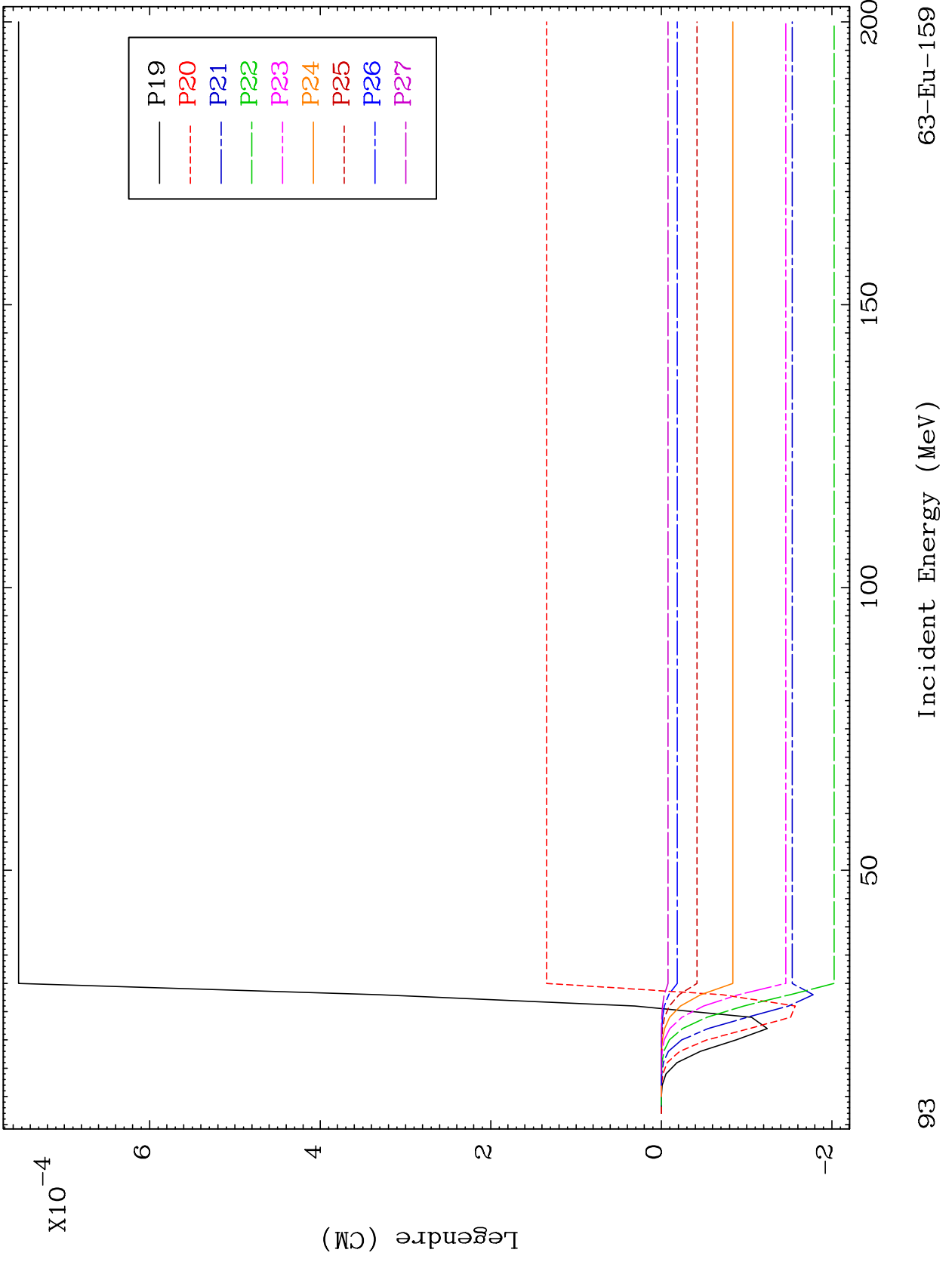
Incident Energy (MeV)

92

MAT 6349

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

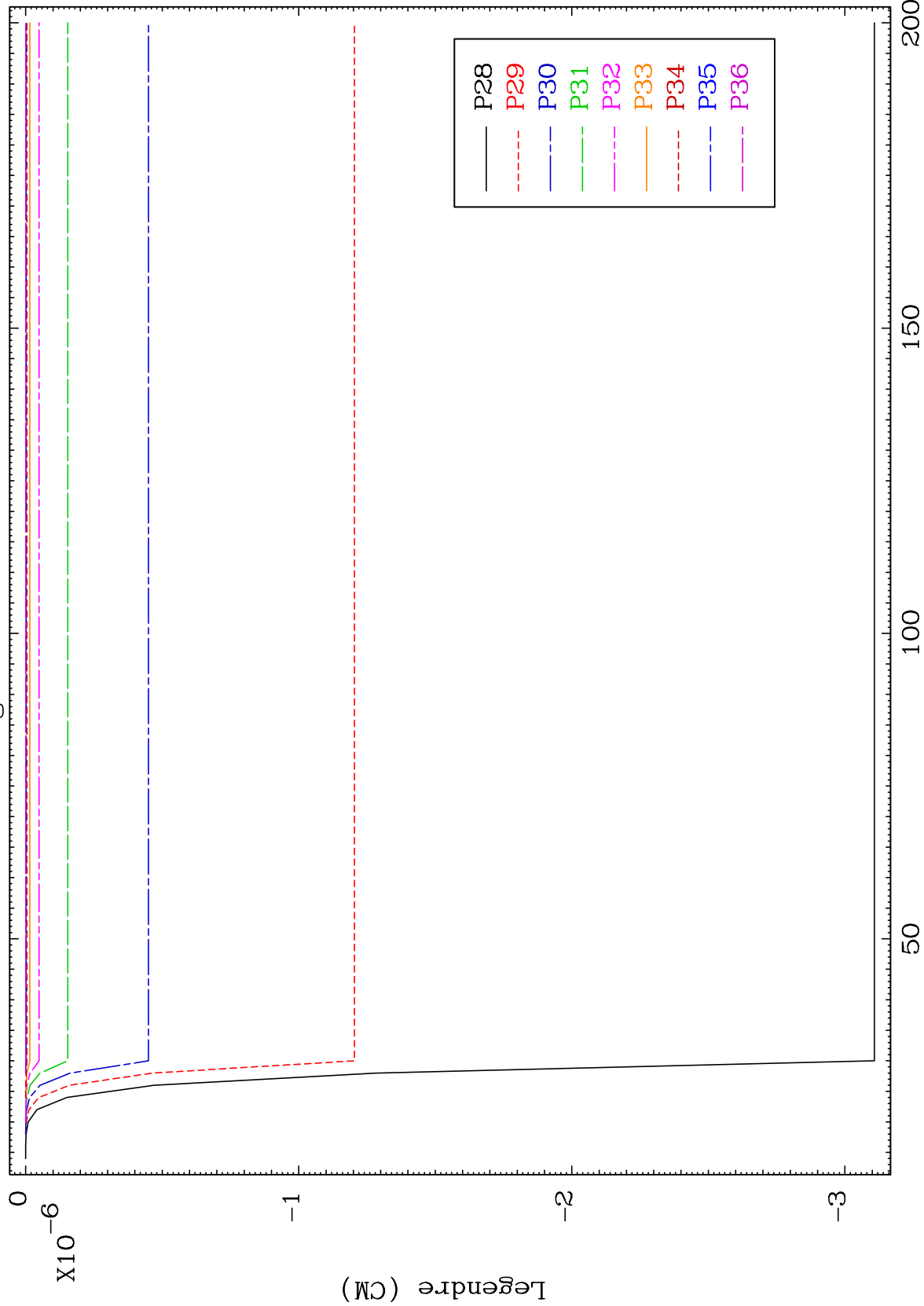
63-Eu-159



MAT 6349

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

63-Eu-159



63-Eu-159

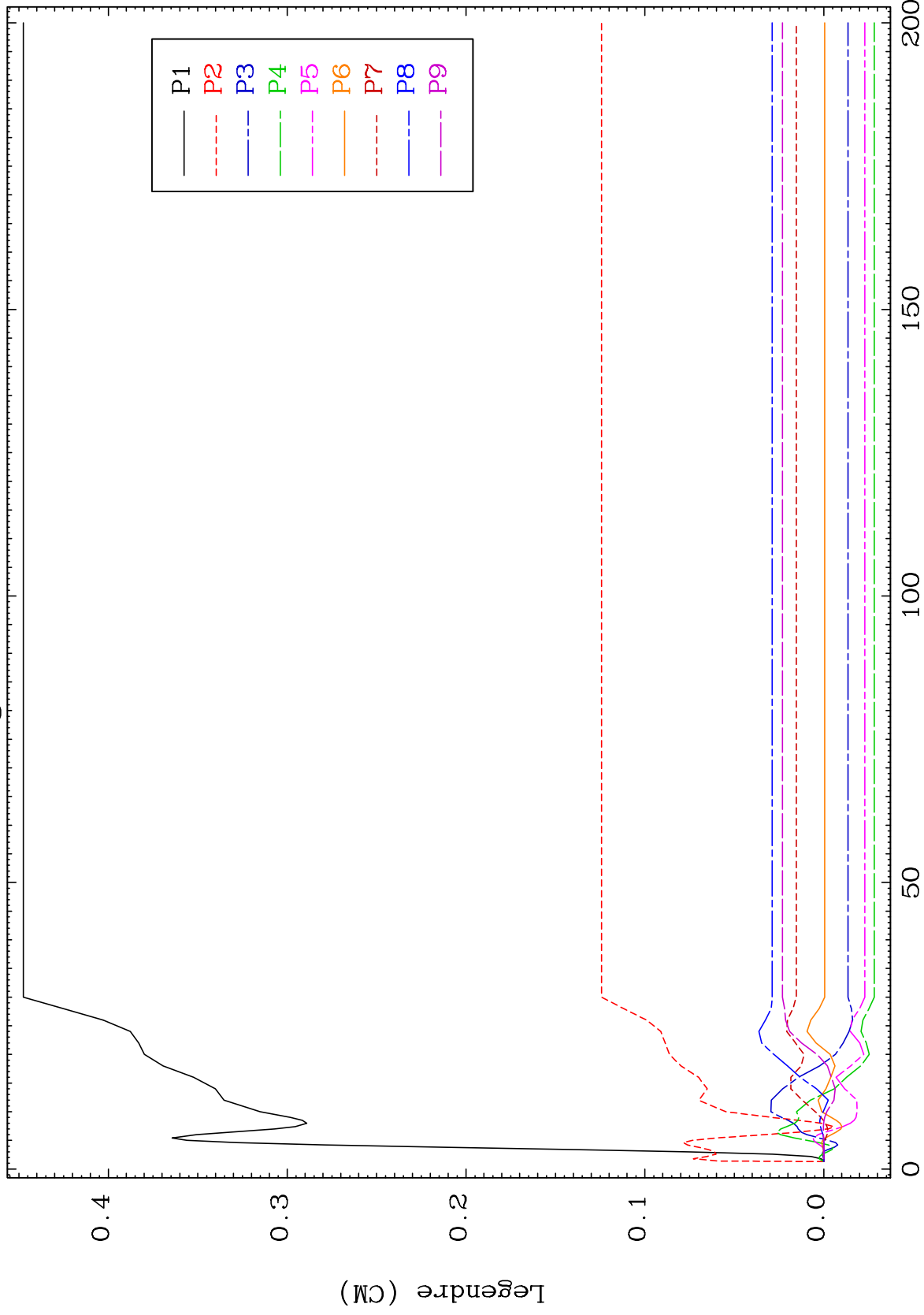
Incident Energy (MeV)

94

MAT 6349

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

63-Eu-159



95

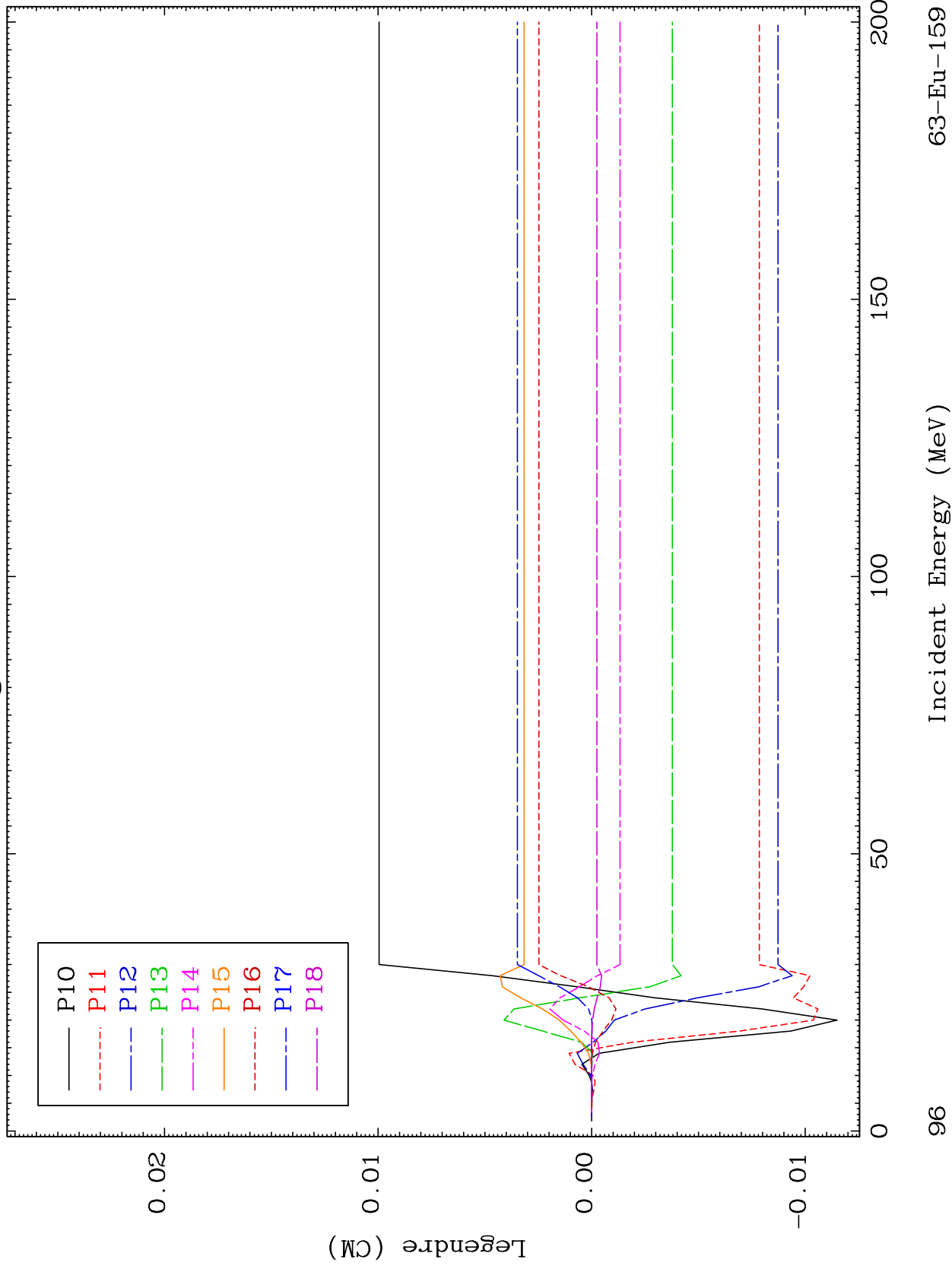
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



96

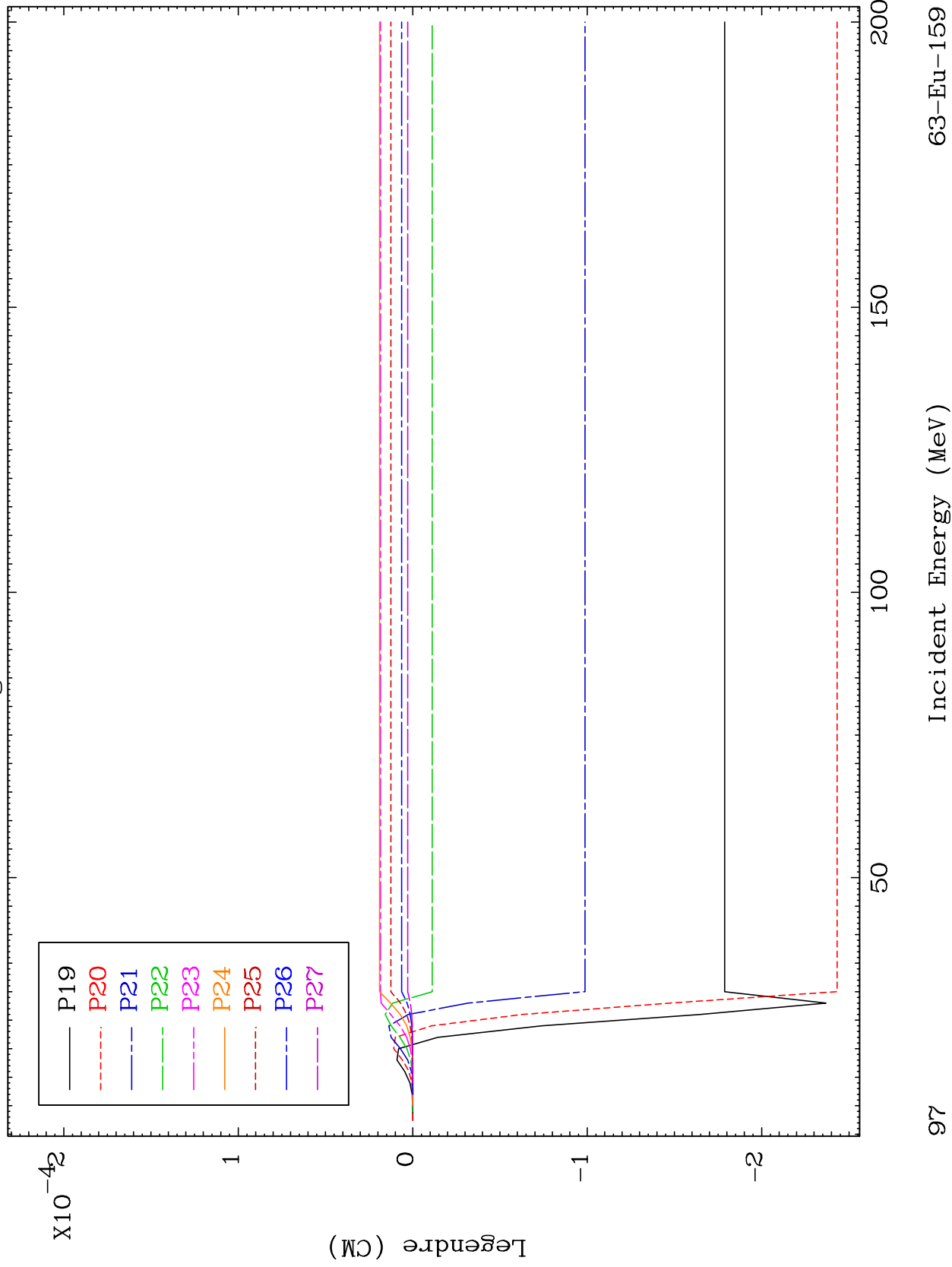
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

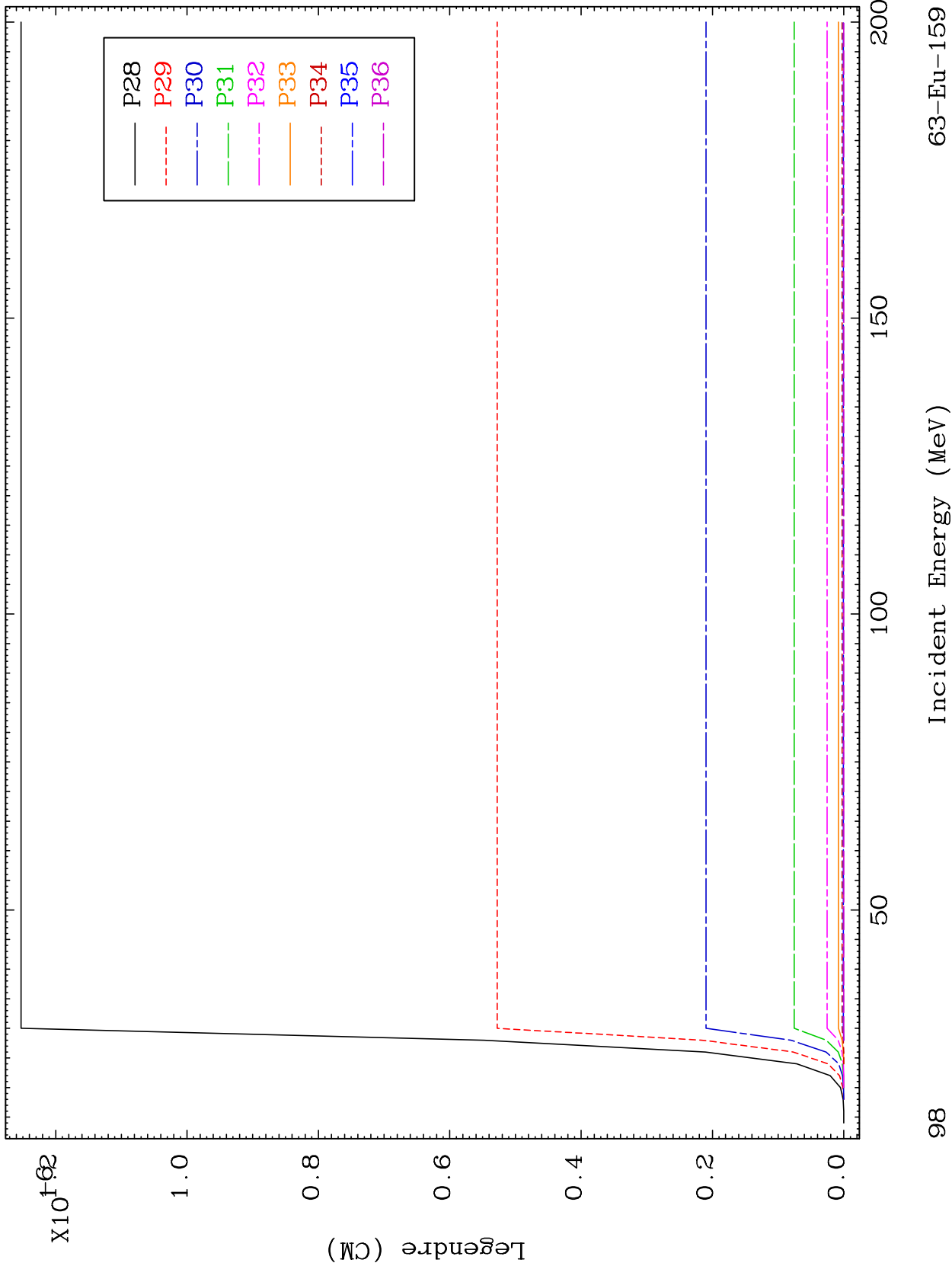
63-Eu-159

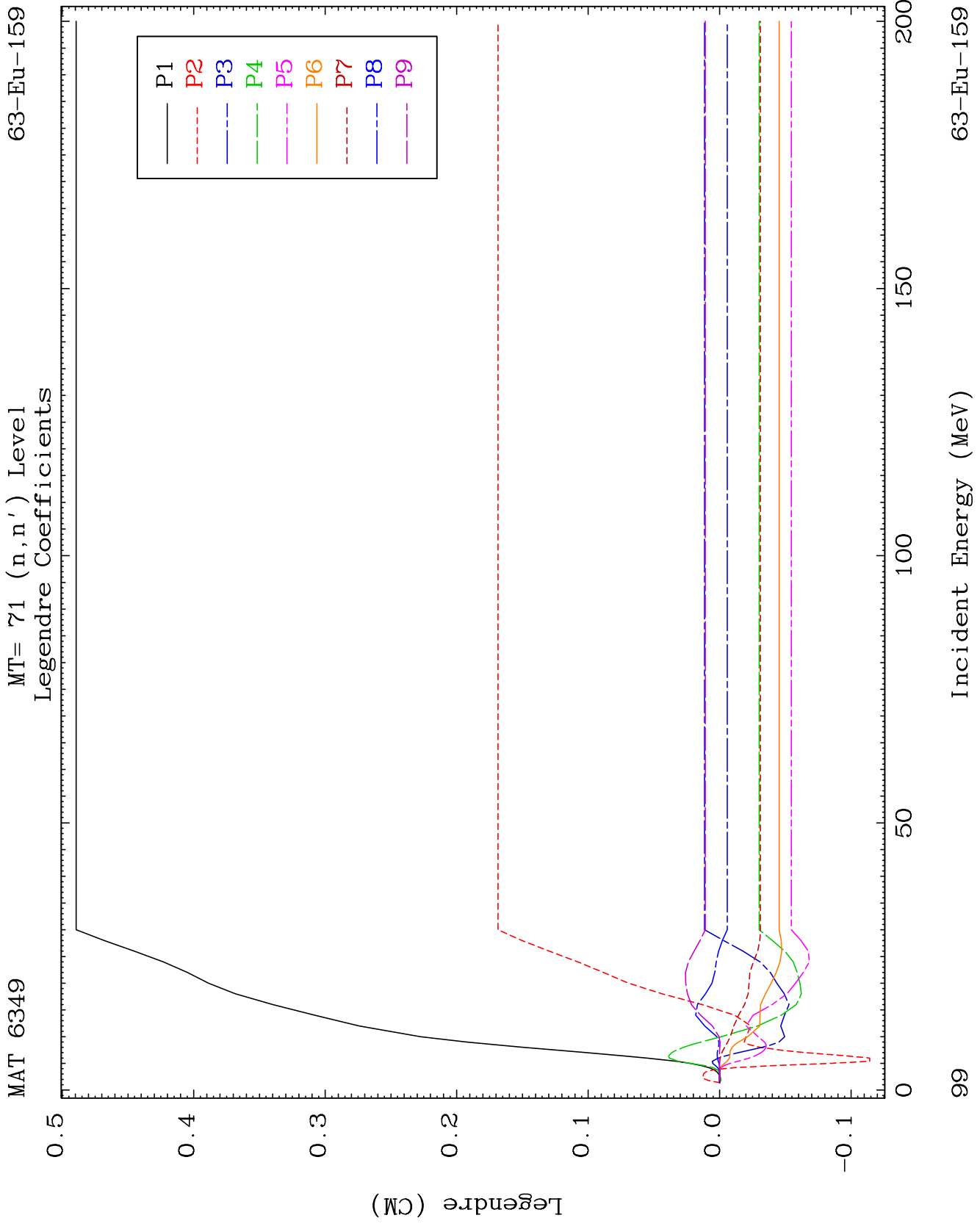


MAT 6349

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

63-Eu-159

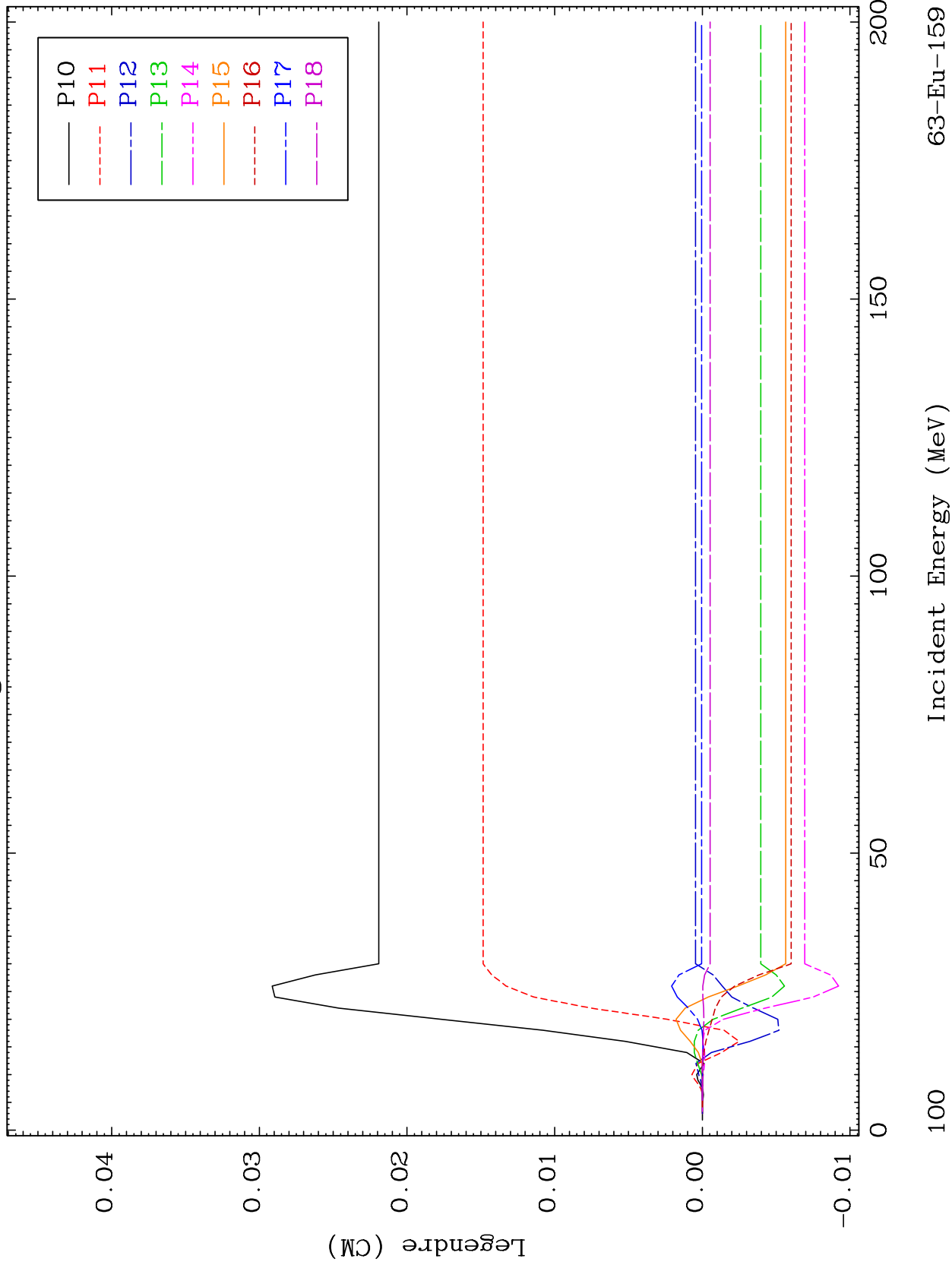




MAT 6349

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

63-Eu-159



63-Eu-159

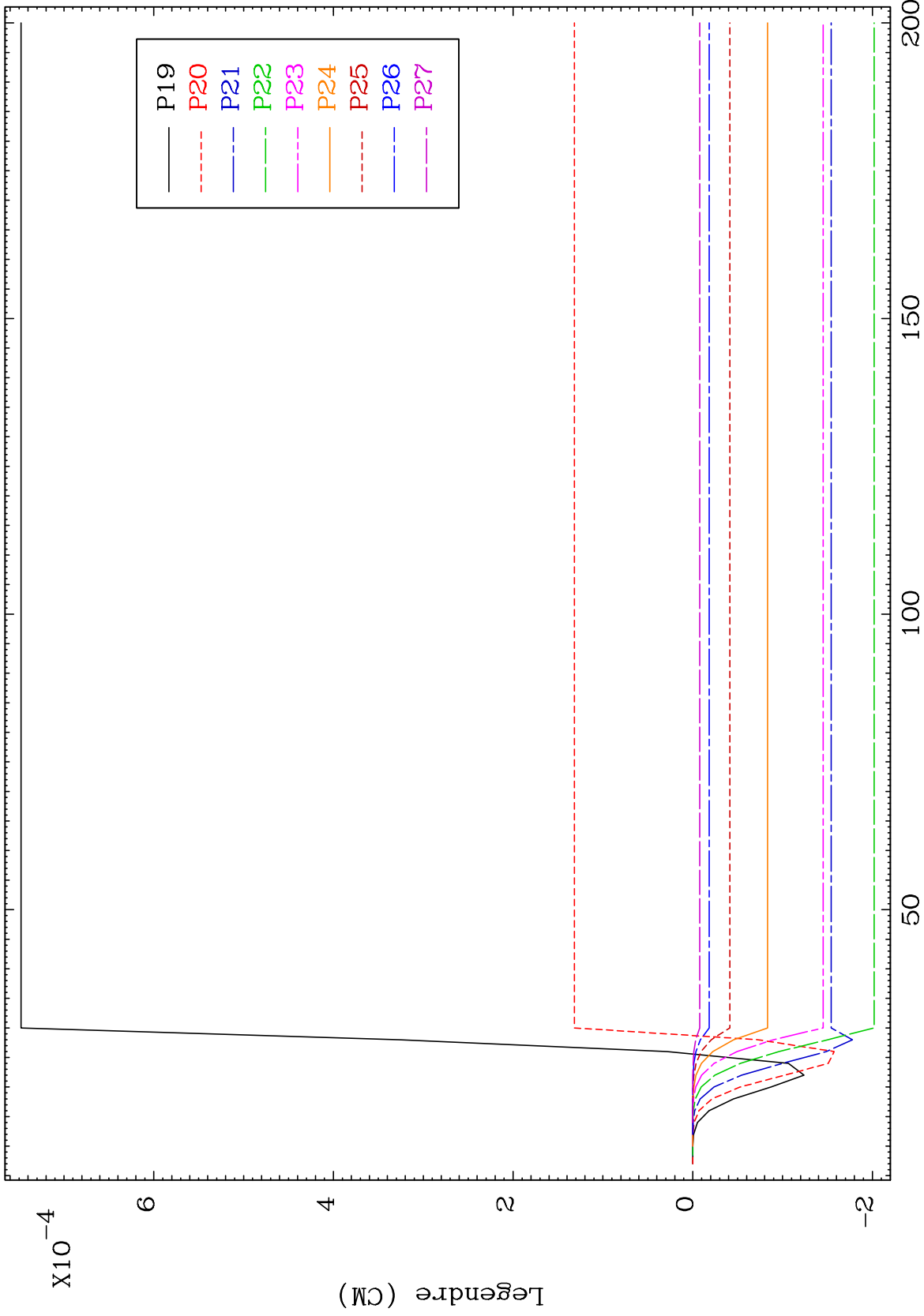
Incident Energy (MeV)

100

MAT 6349

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

63-Eu-159



101

Incident Energy (MeV)

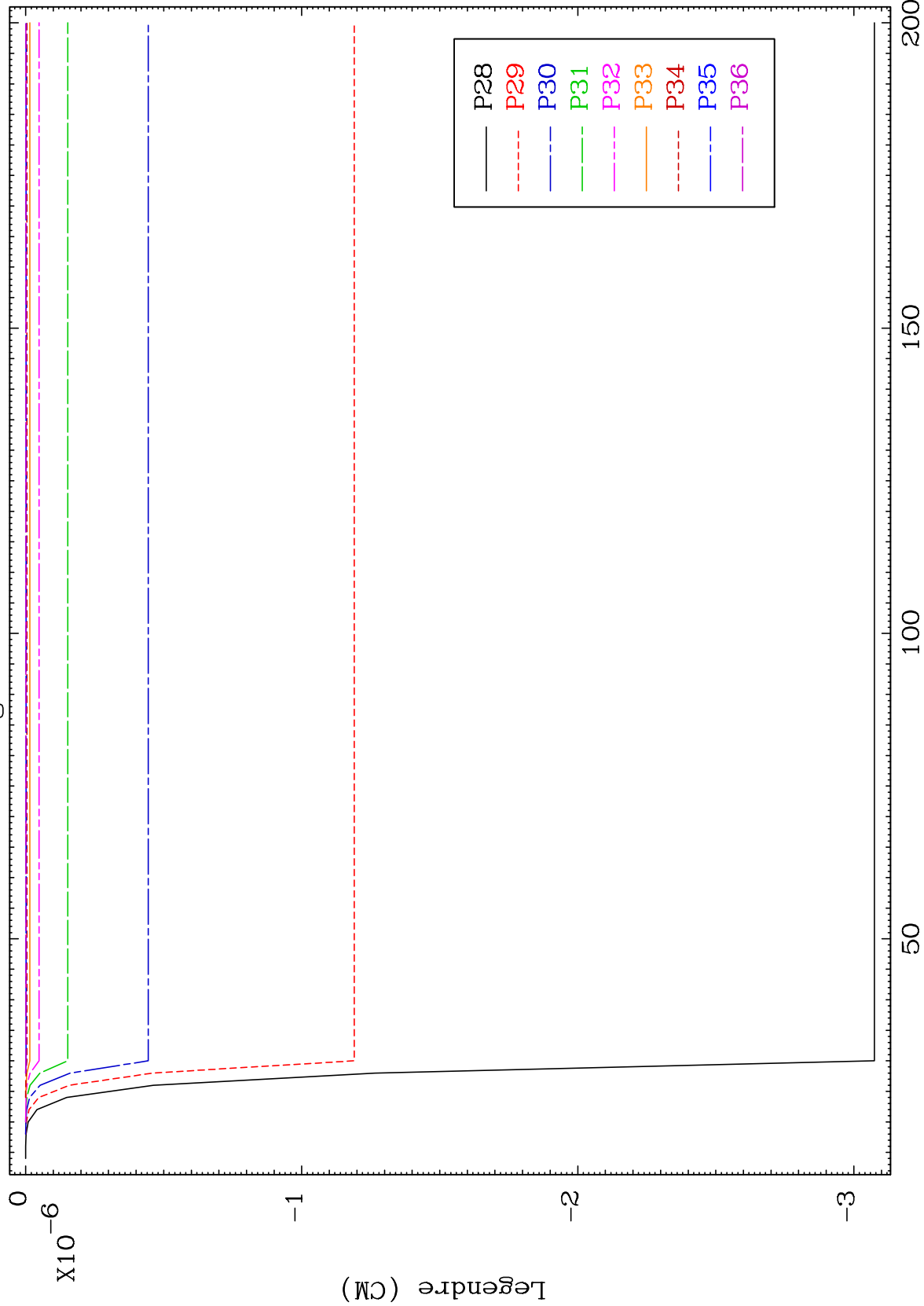
63-Eu-159

MAT 6349

MT= 71 (n,n') Level

63-Eu-159

Legendre Coefficients



63-Eu-159

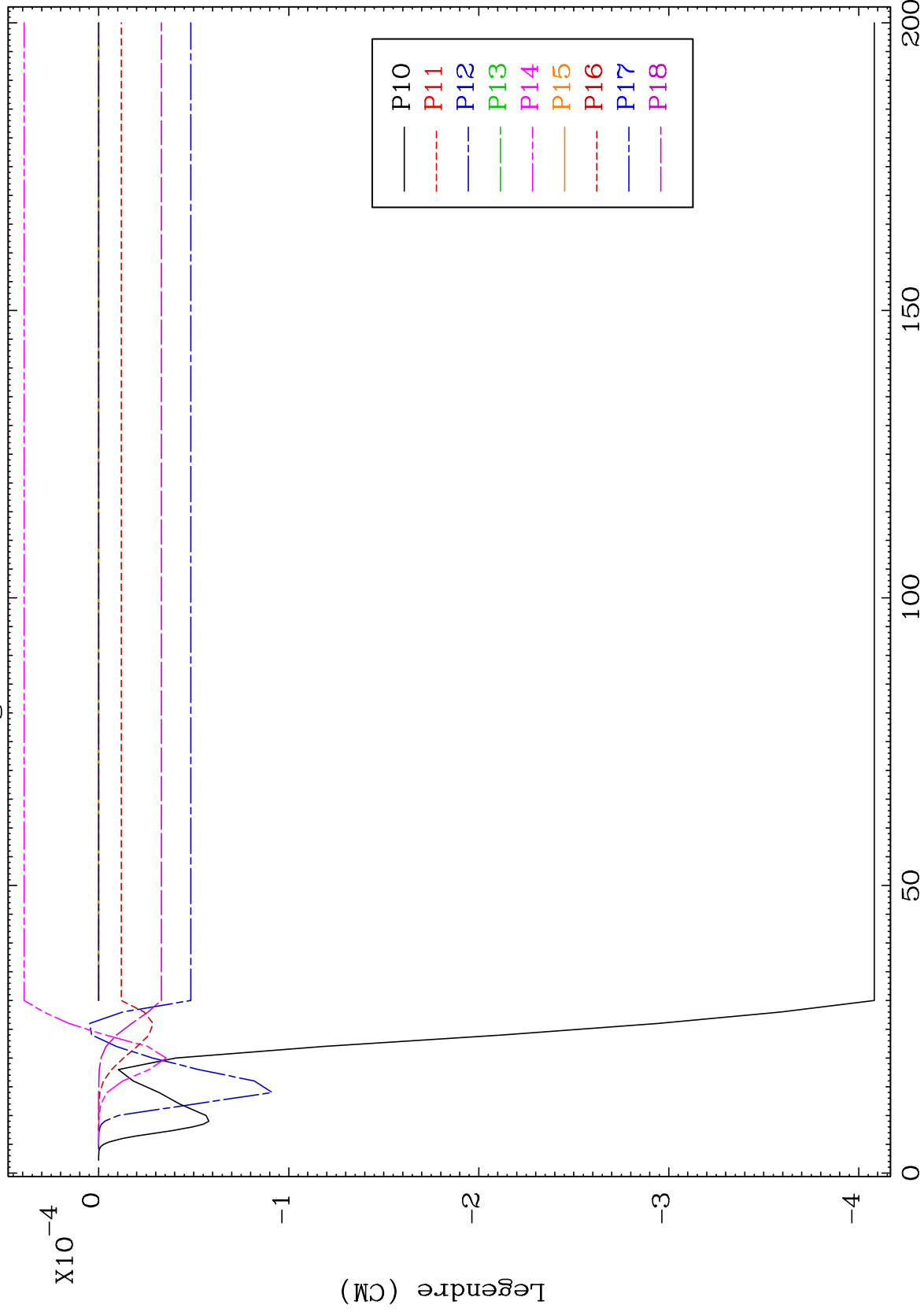
Incident Energy (MeV)

102

MAT 6349

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

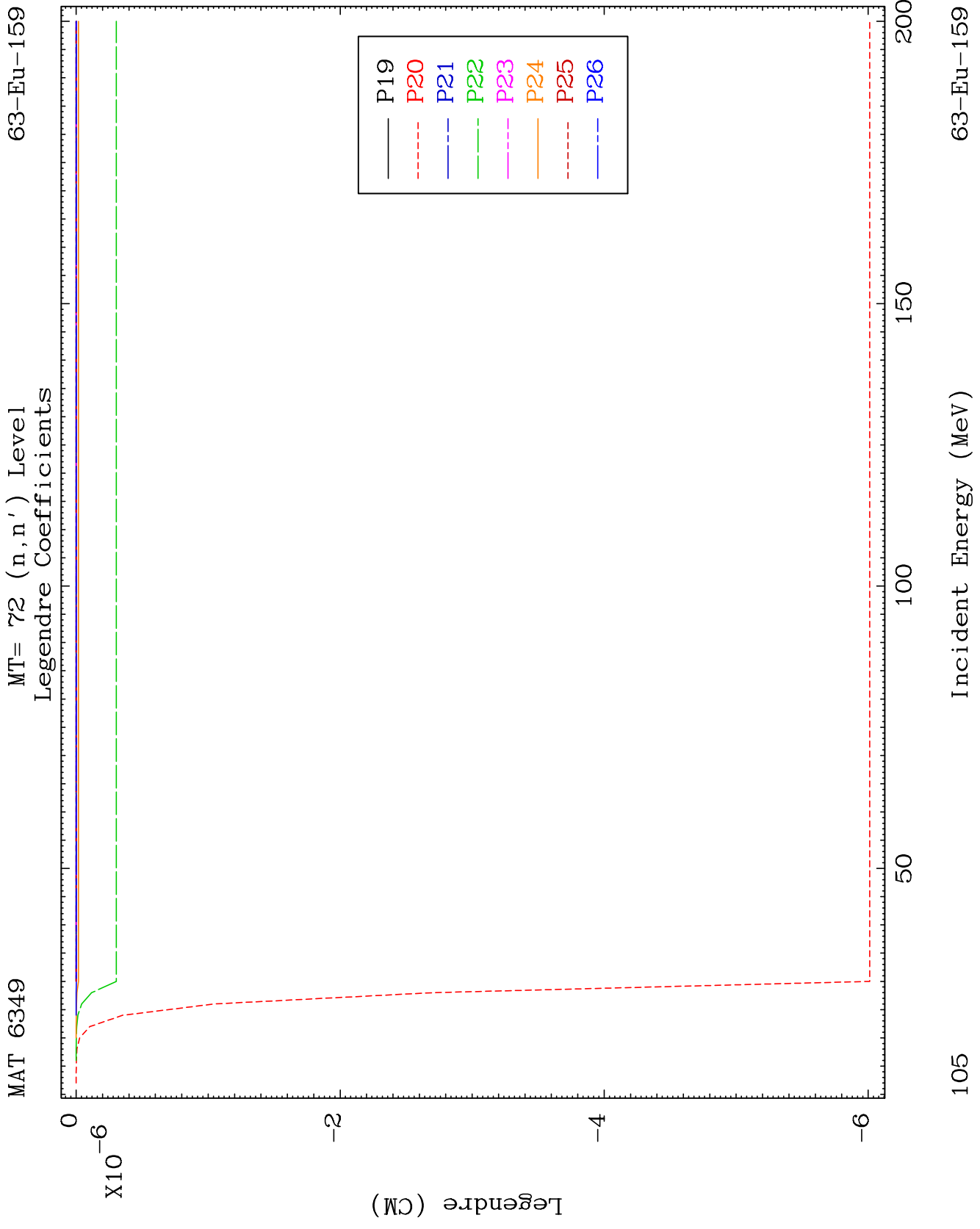
63-Eu-159



104

Incident Energy (MeV)

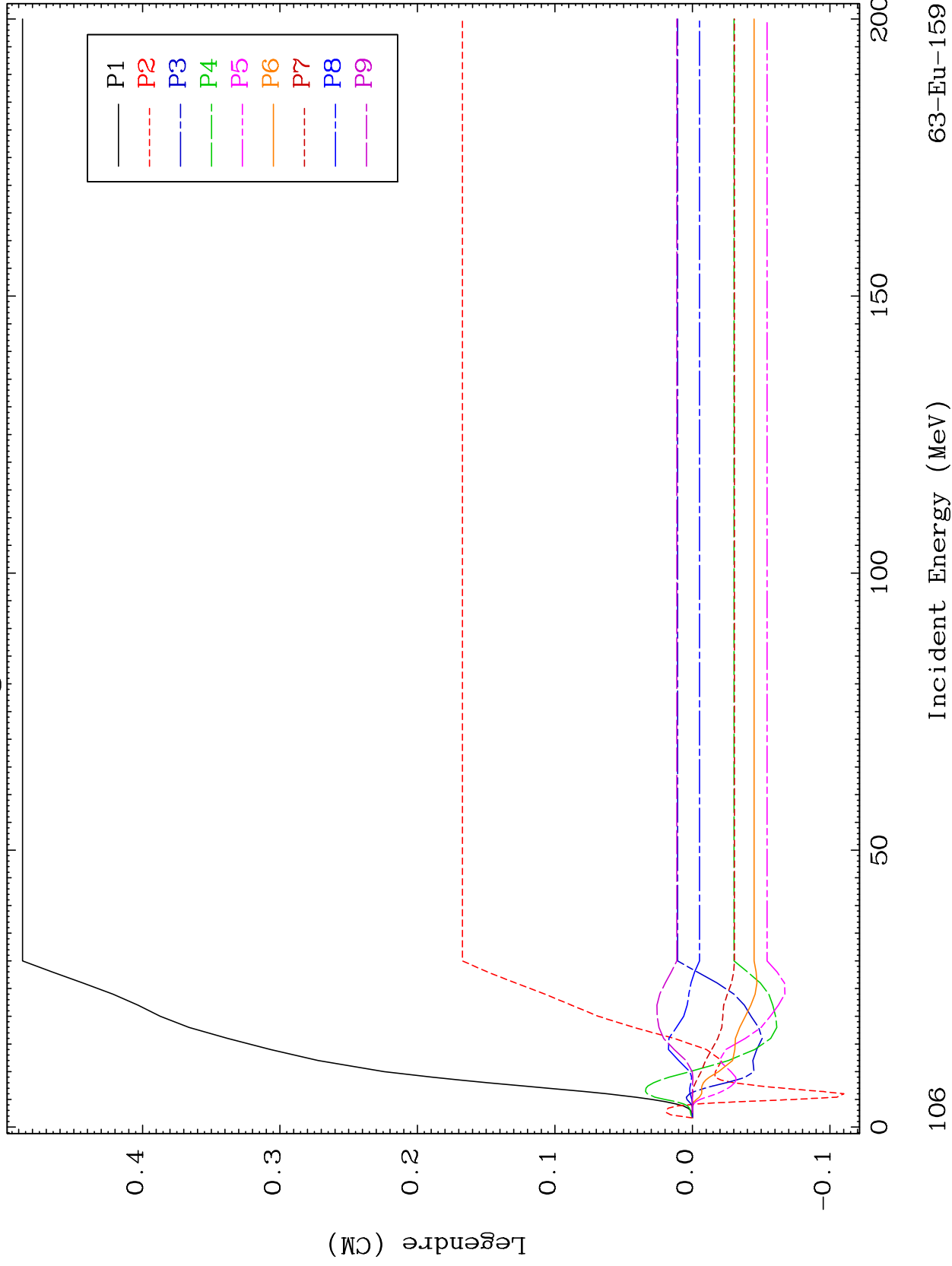
63-Eu-159



MAT 6349

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

63-Eu-159



63-Eu-159

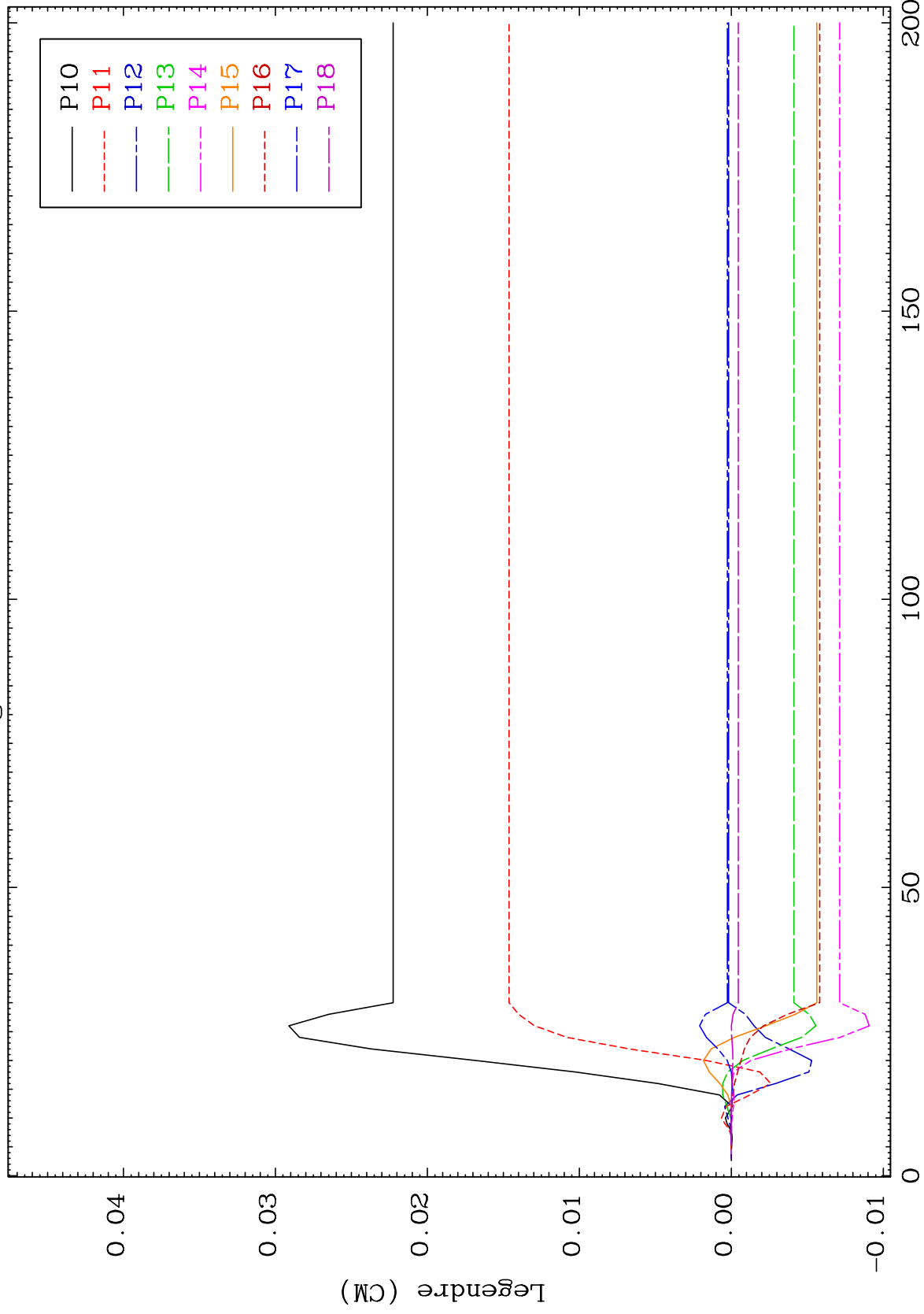
Incident Energy (MeV)

106

MAT 6349

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

63-Eu-159



107

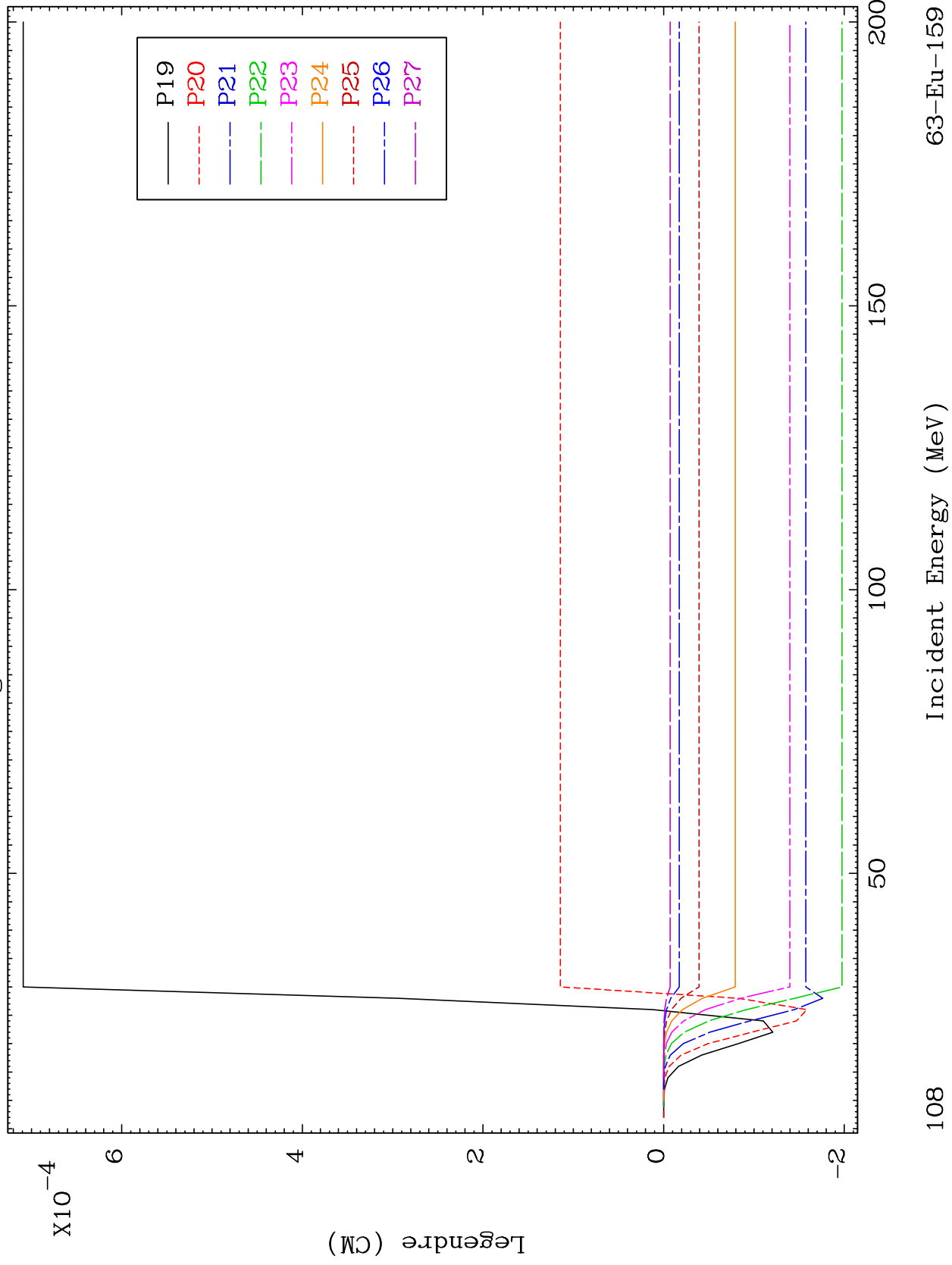
Incident Energy (MeV)

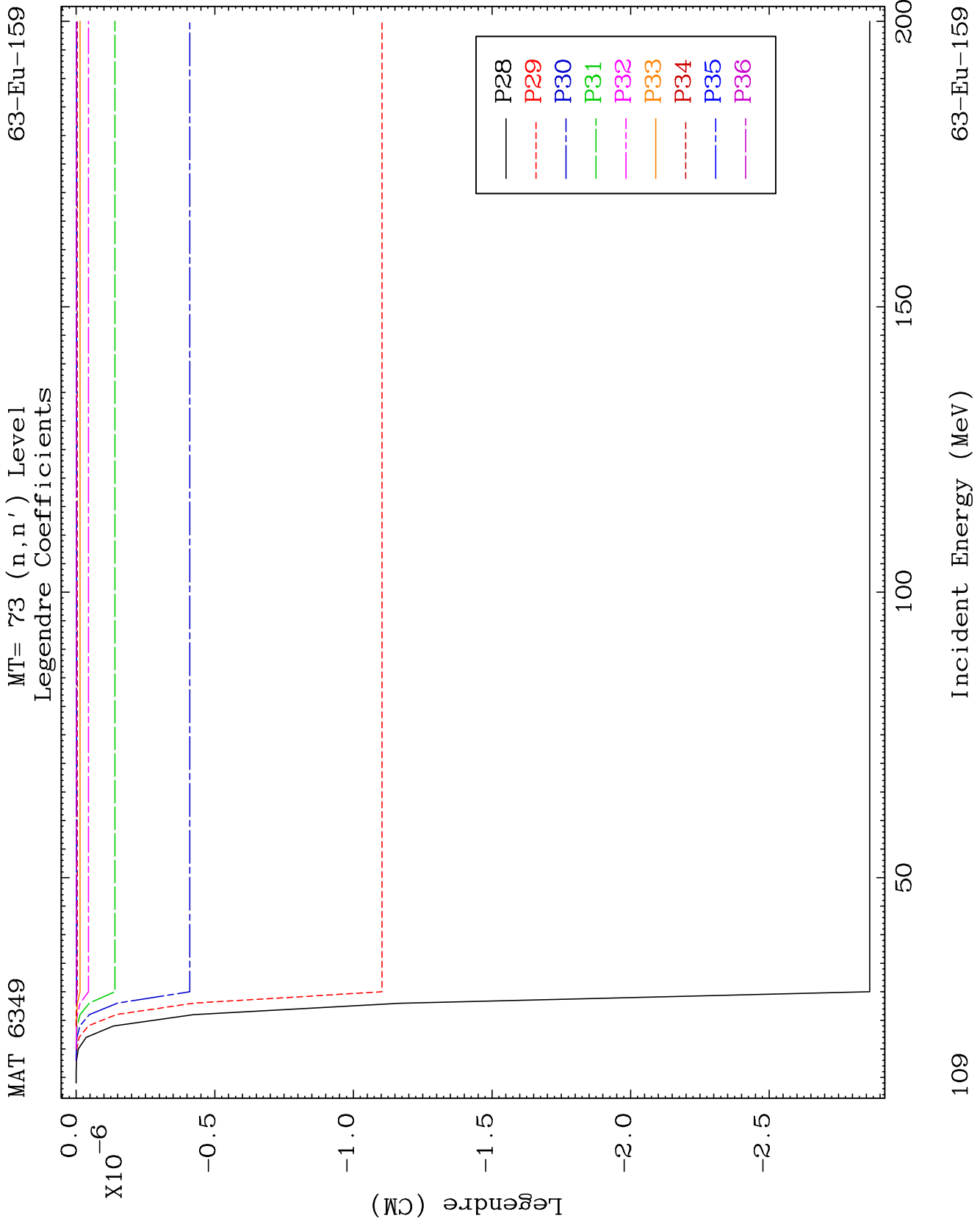
63-Eu-159

MAT 6349

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

63-Eu-159

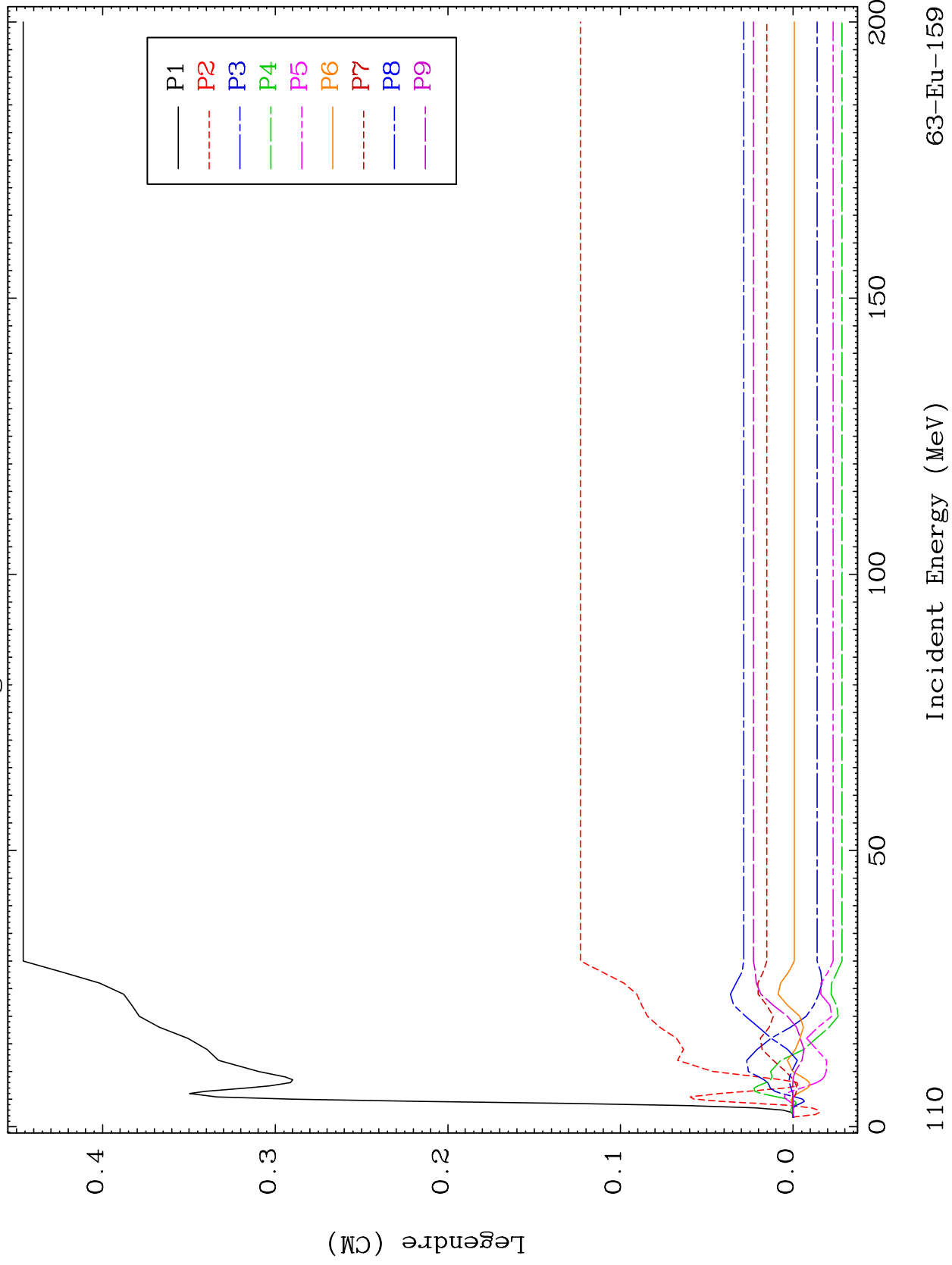




MAT 6349

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

63-Eu-159



63-Eu-159

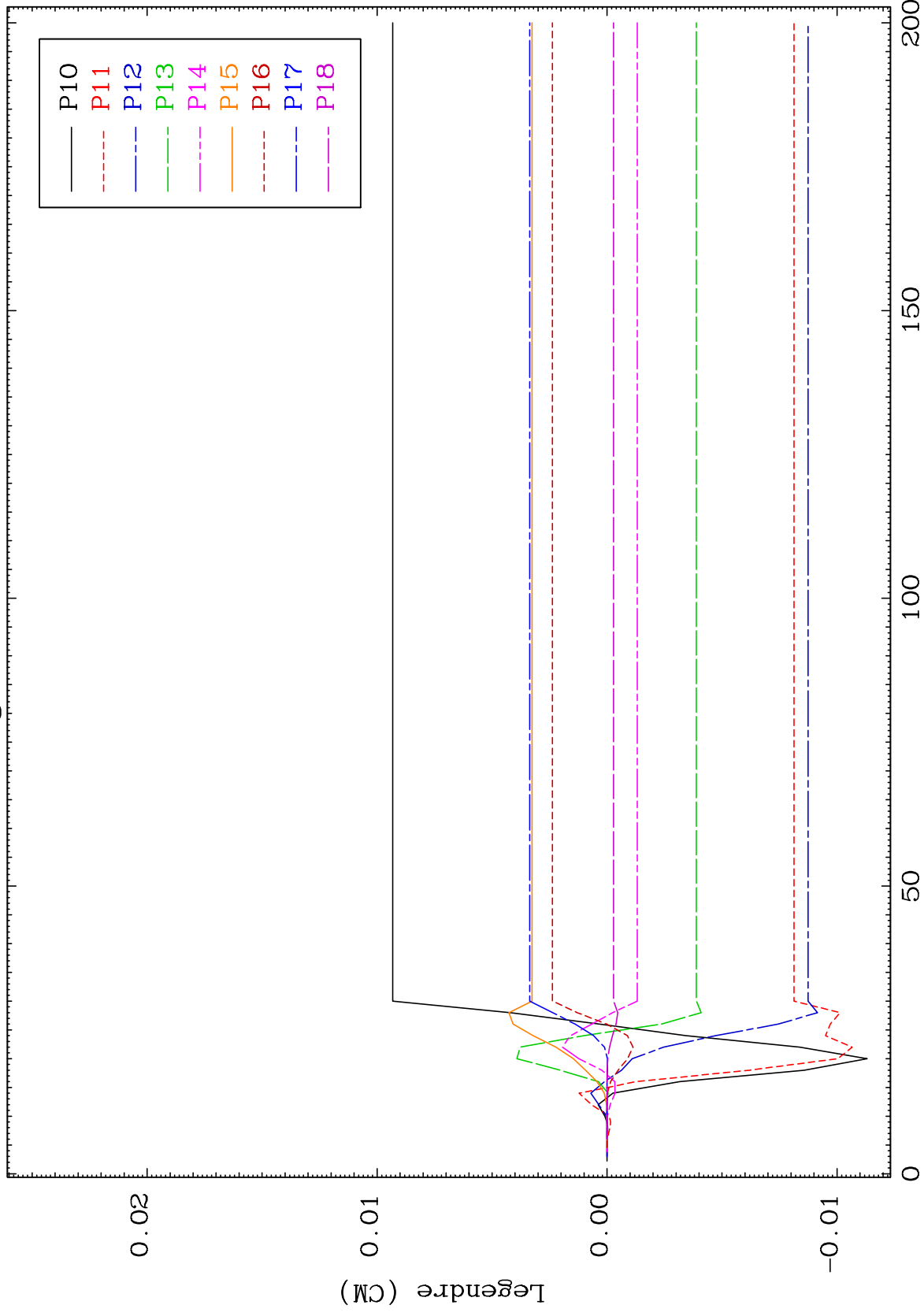
Incident Energy (MeV)

110

MAT 6349

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

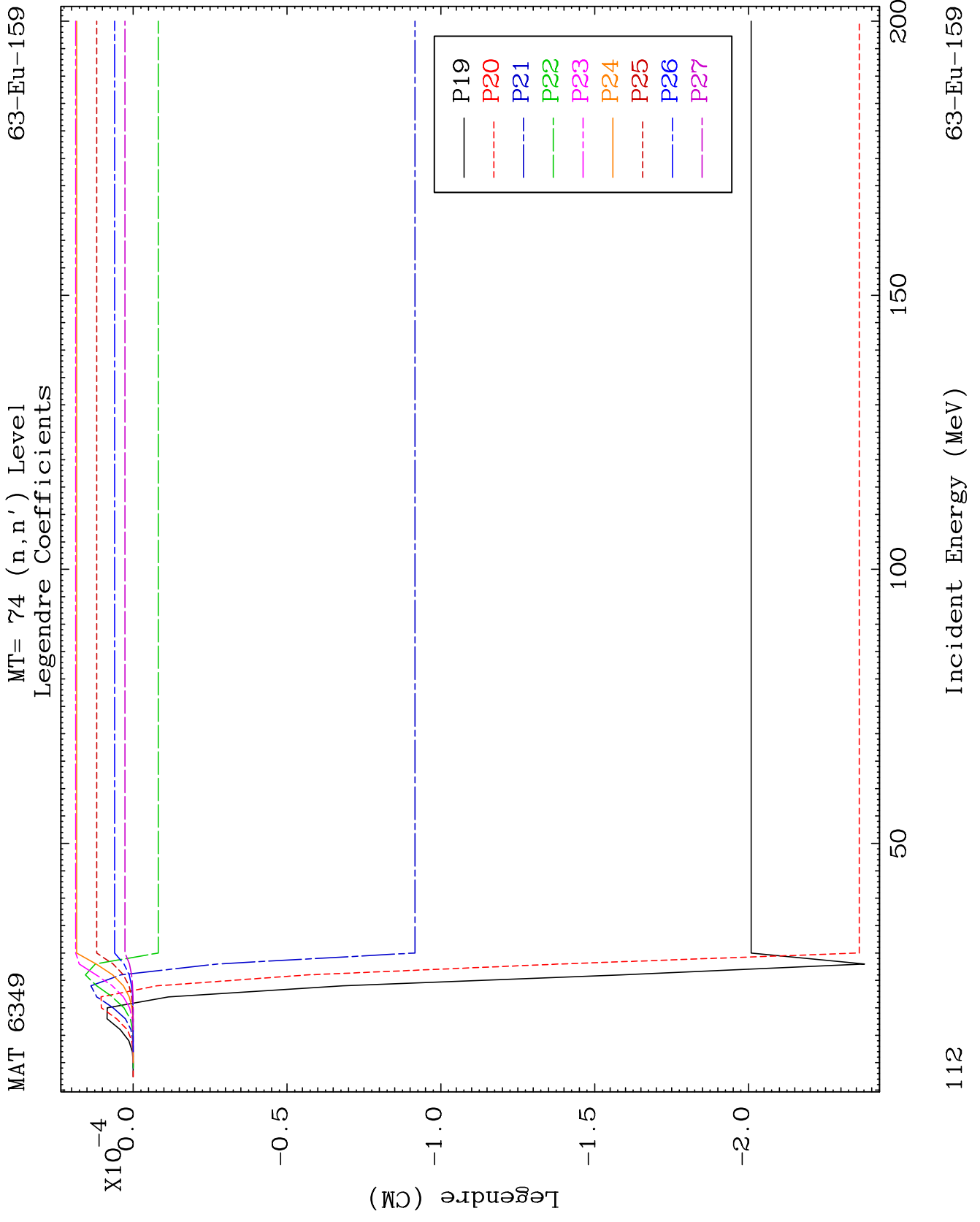
63-Eu-159



111

Incident Energy (MeV)

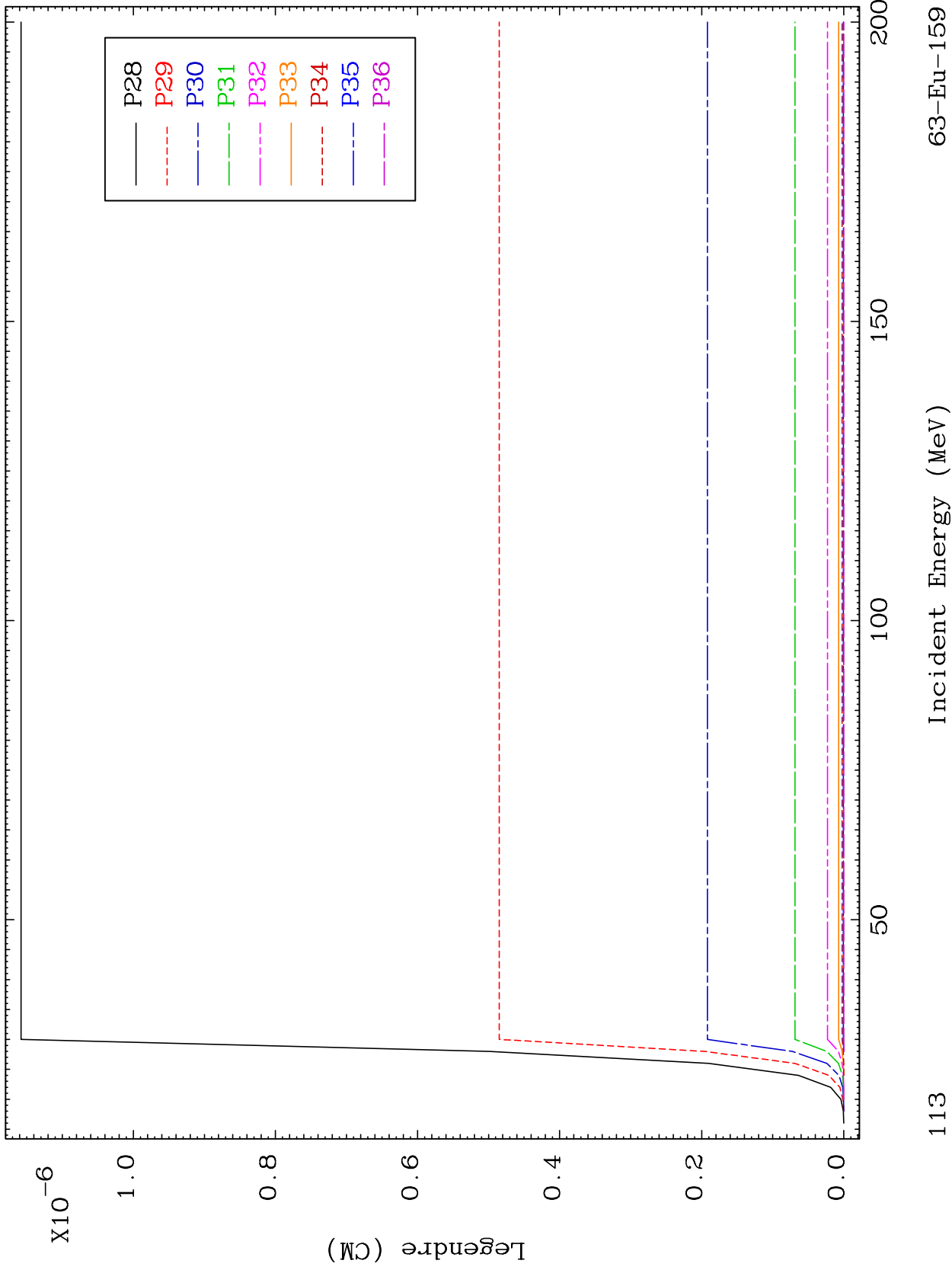
63-Eu-159



MAT 6349

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

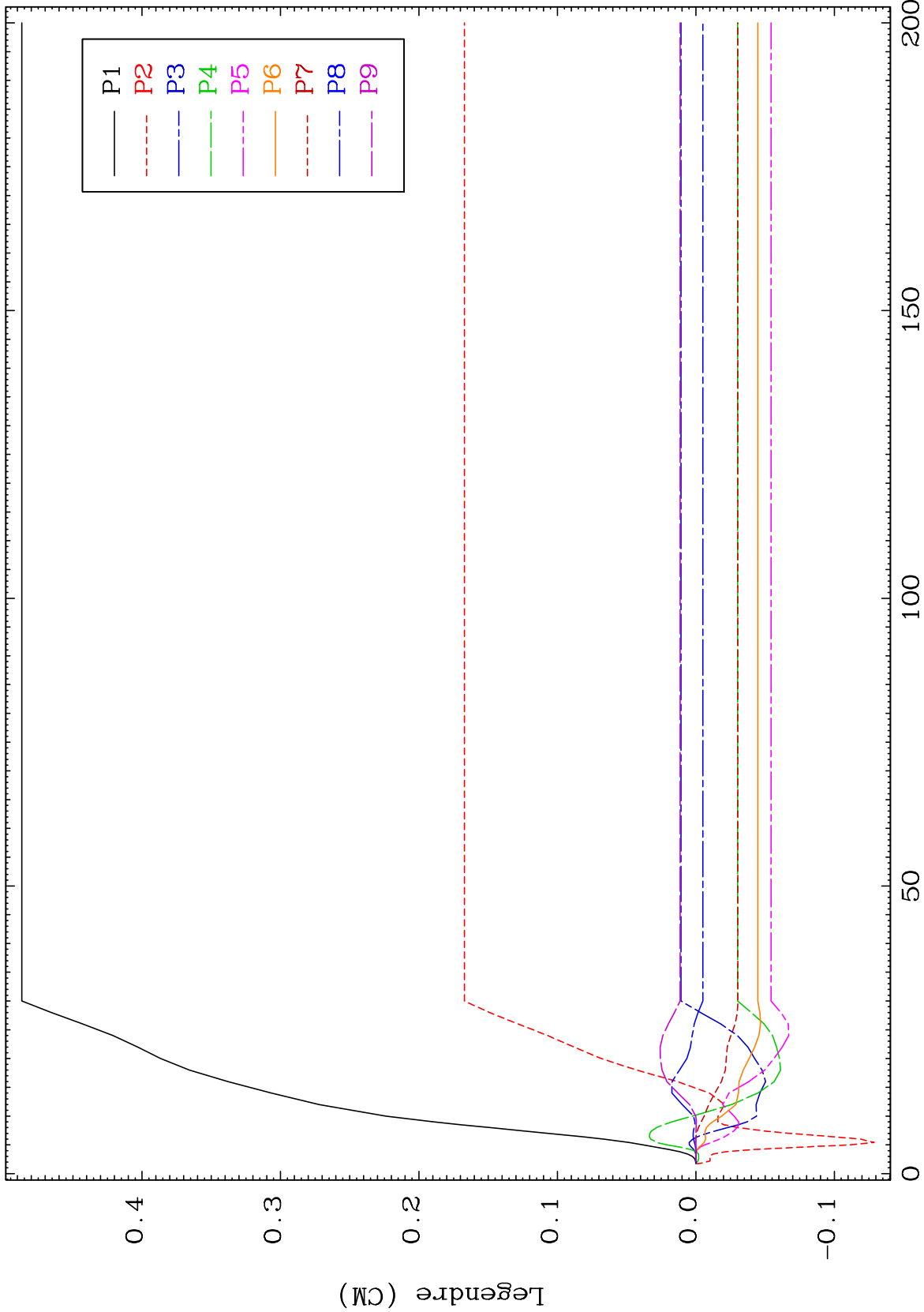
63-Eu-159



MAT 6349

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

63-Eu-159



114

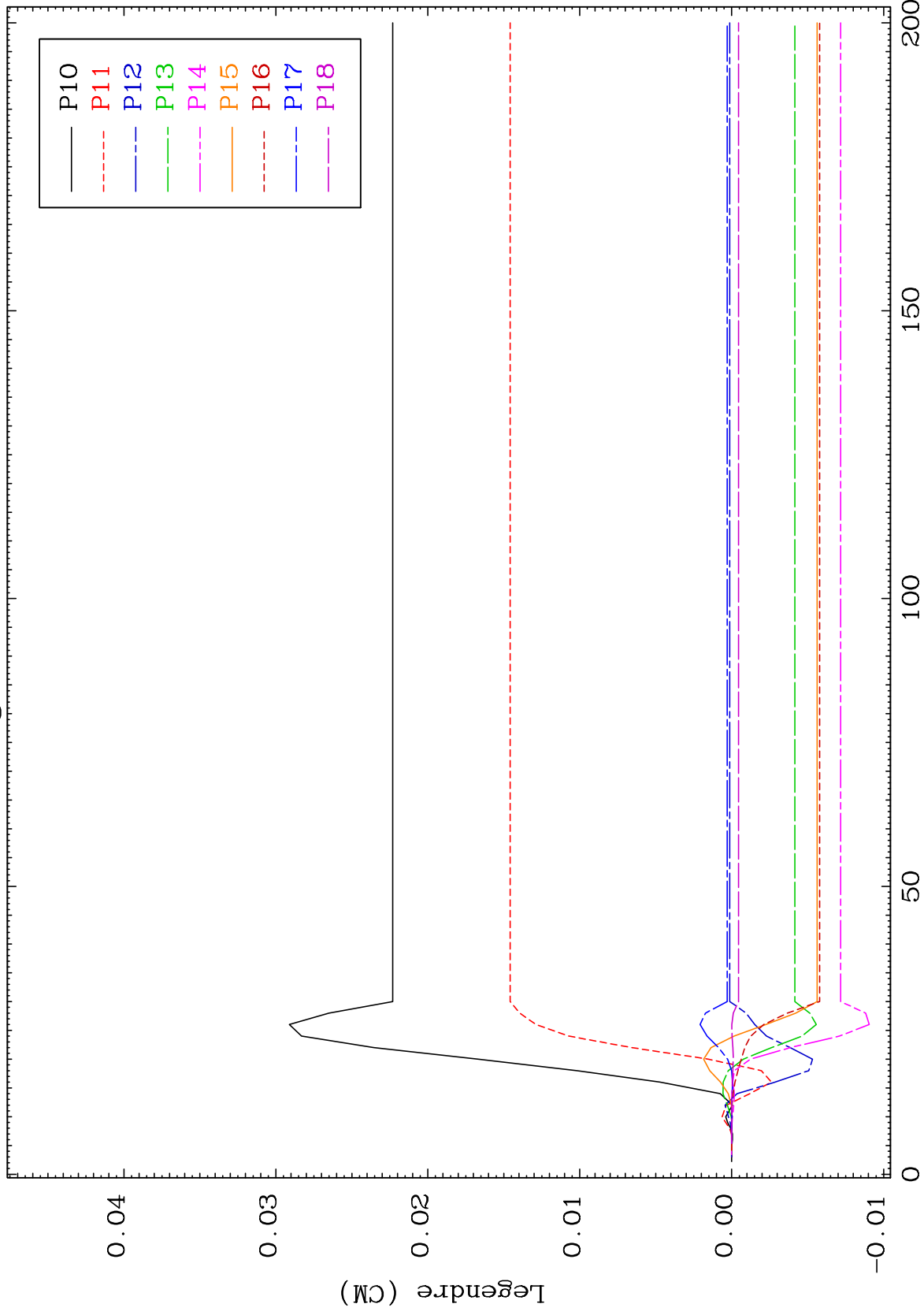
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



115

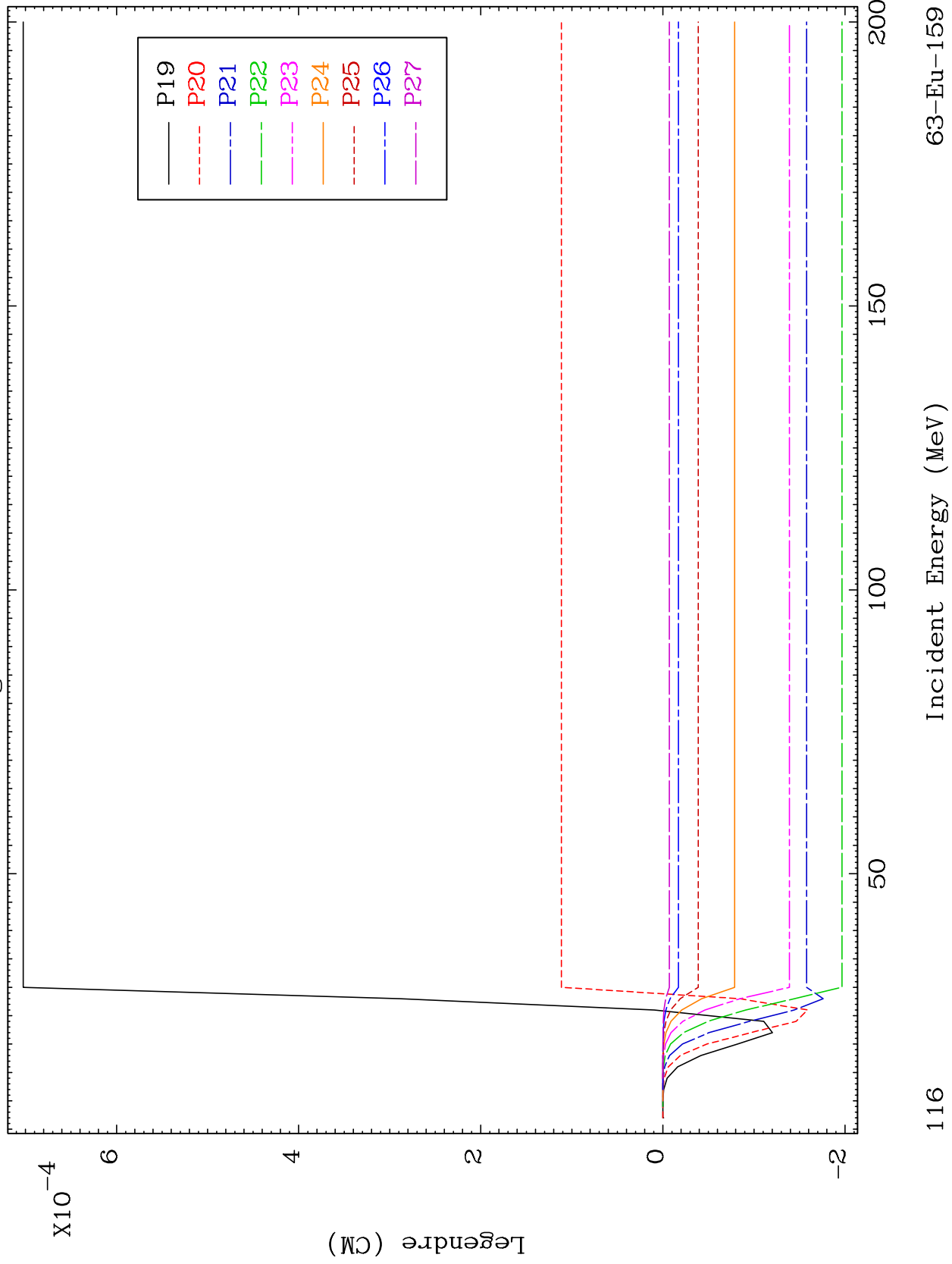
Incident Energy (MeV)

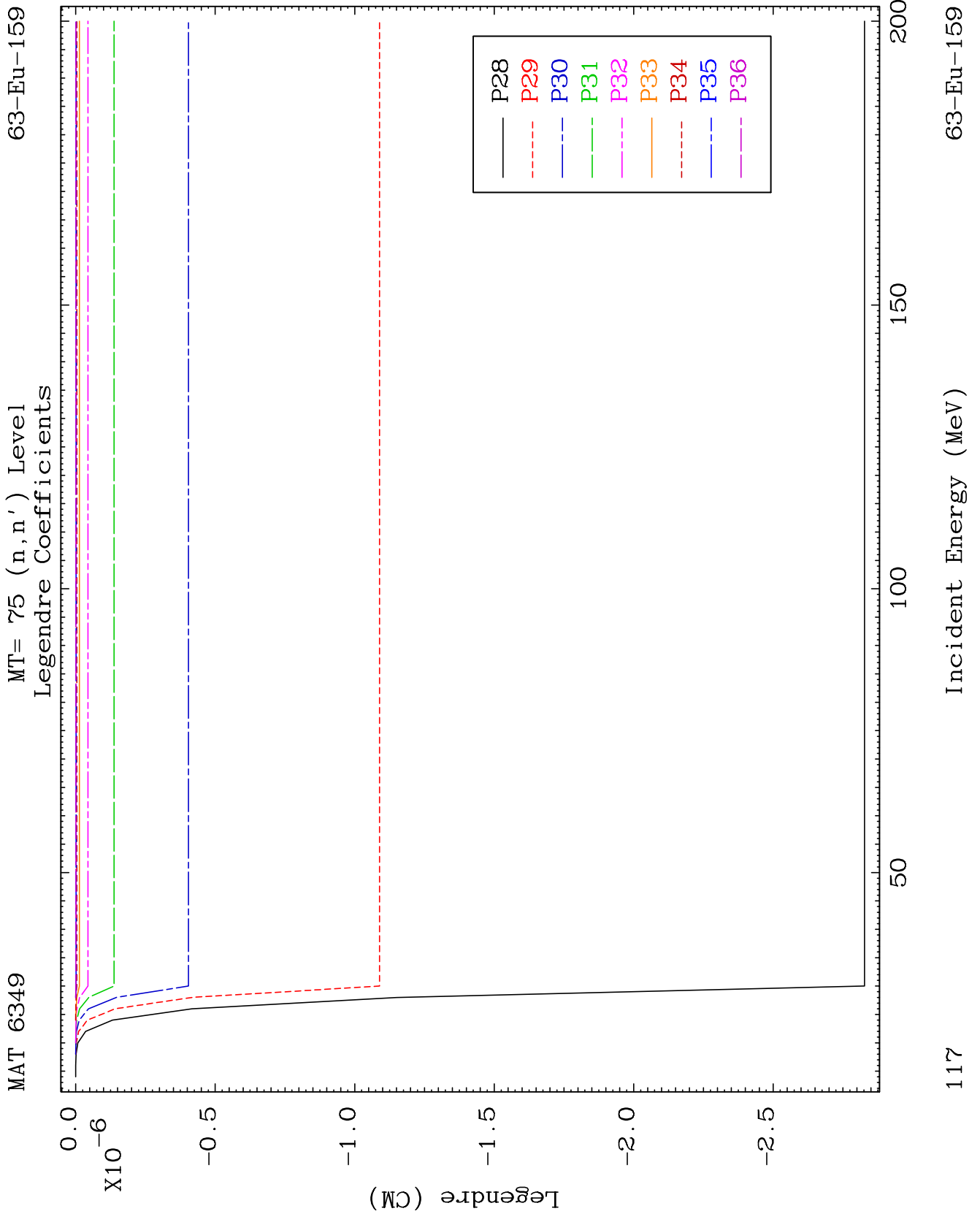
63-Eu-159

MAT 6349

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

63-Eu-159



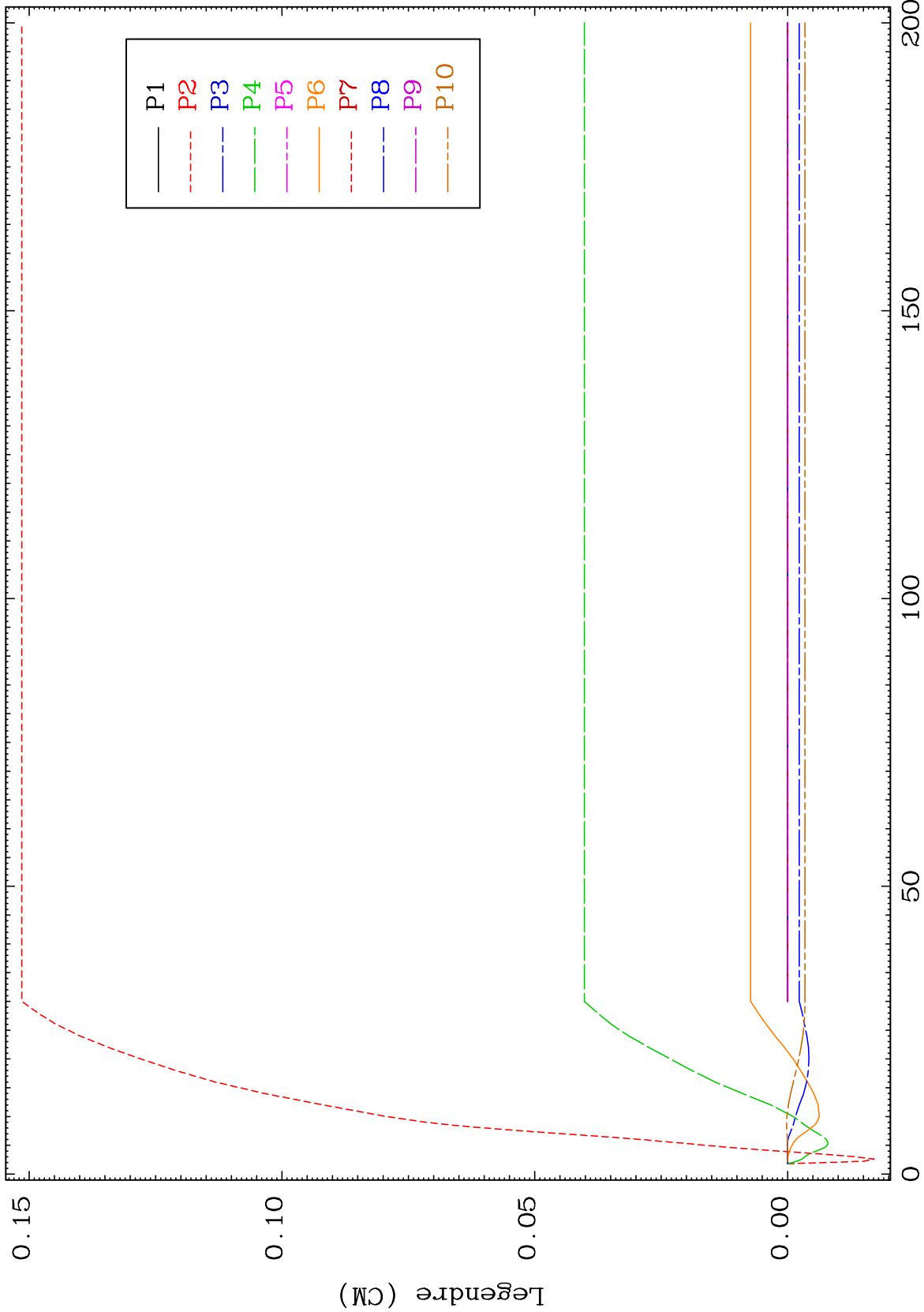


MAT 6349

MT= 76 (n,n') Level

63-Eu-159

Legendre Coefficients



118

Incident Energy (MeV)

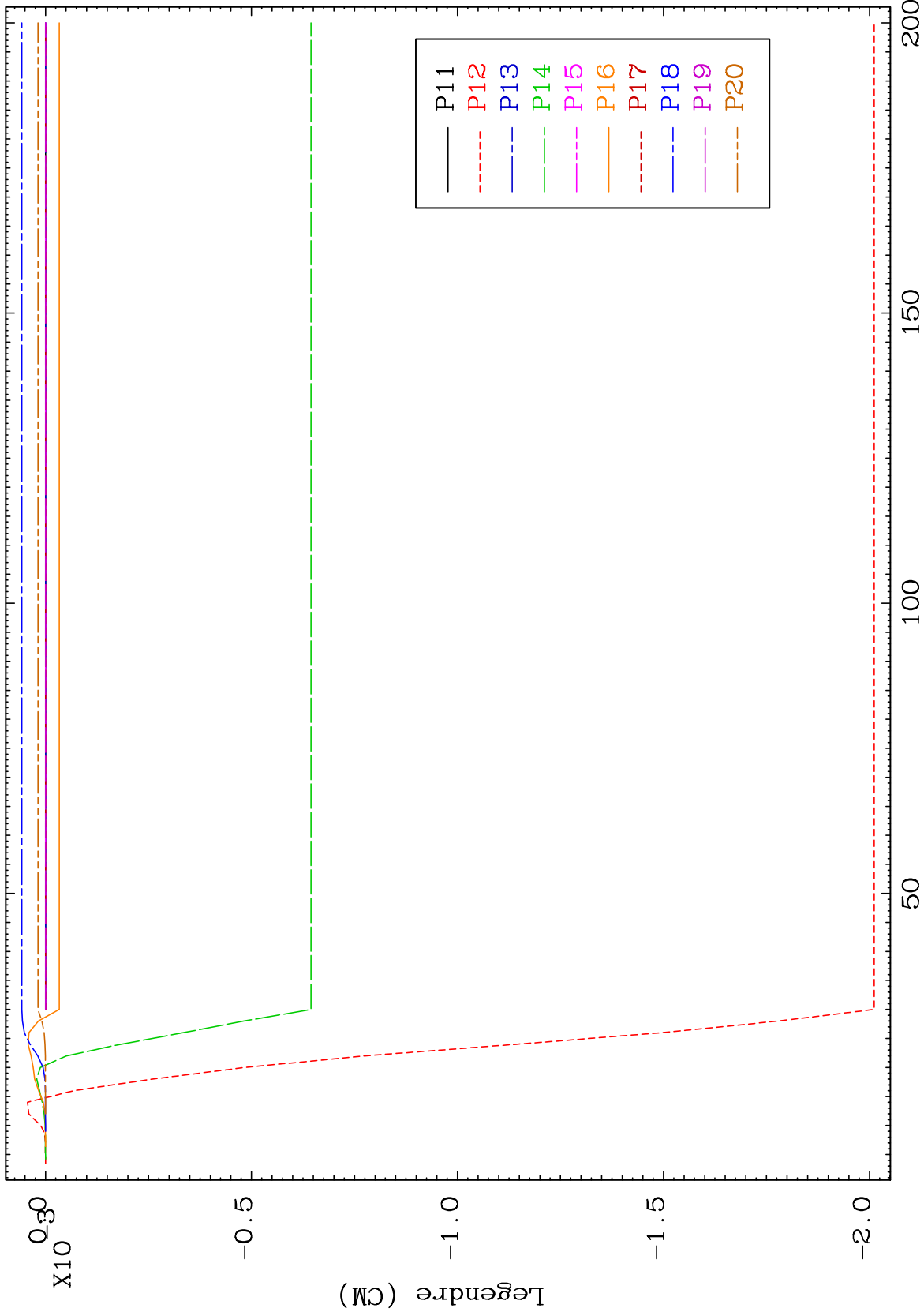
63-Eu-159

MAT 6349

MT= 76 (n,n') Level

63-Eu-159

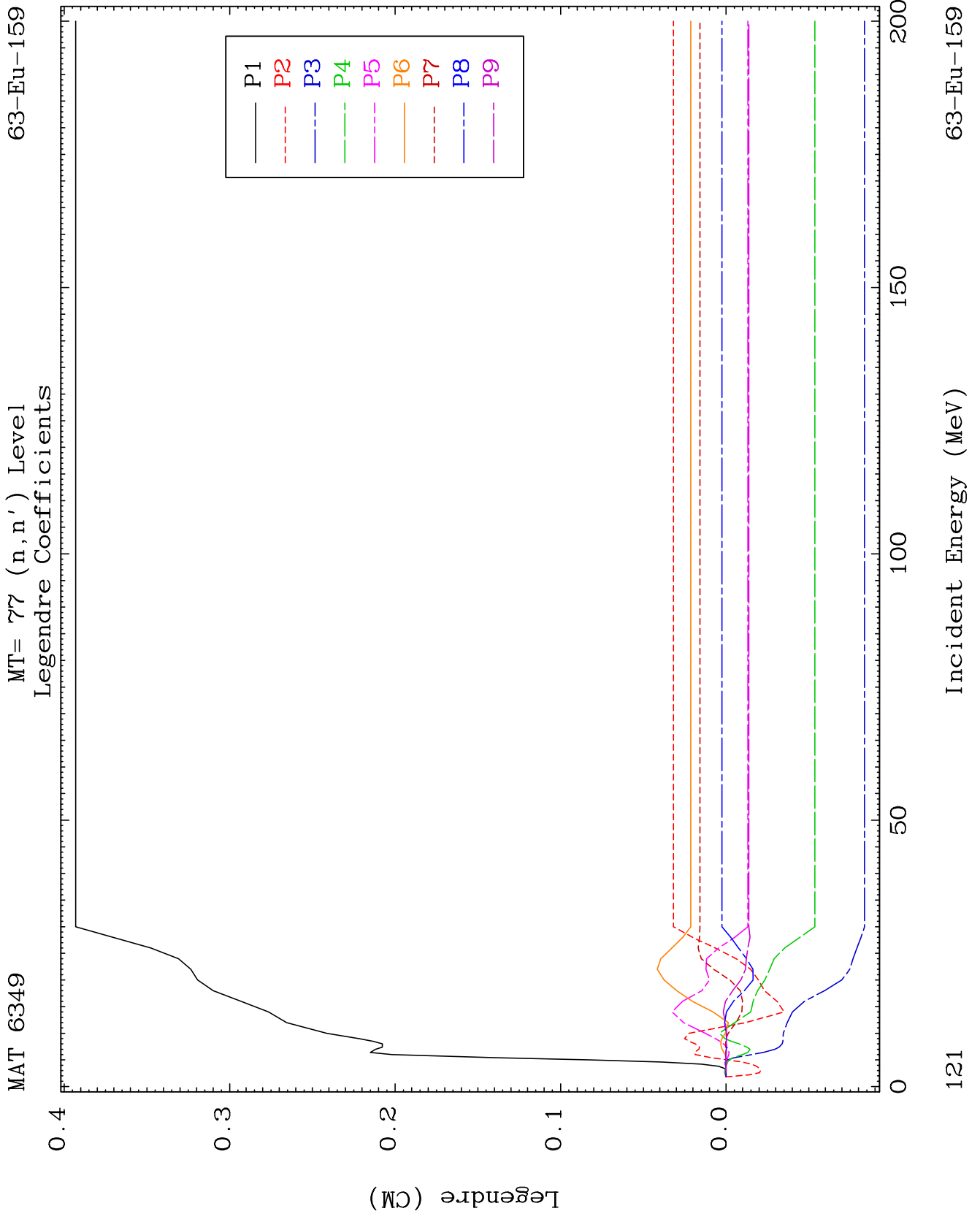
Legendre Coefficients



119

Incident Energy (MeV)

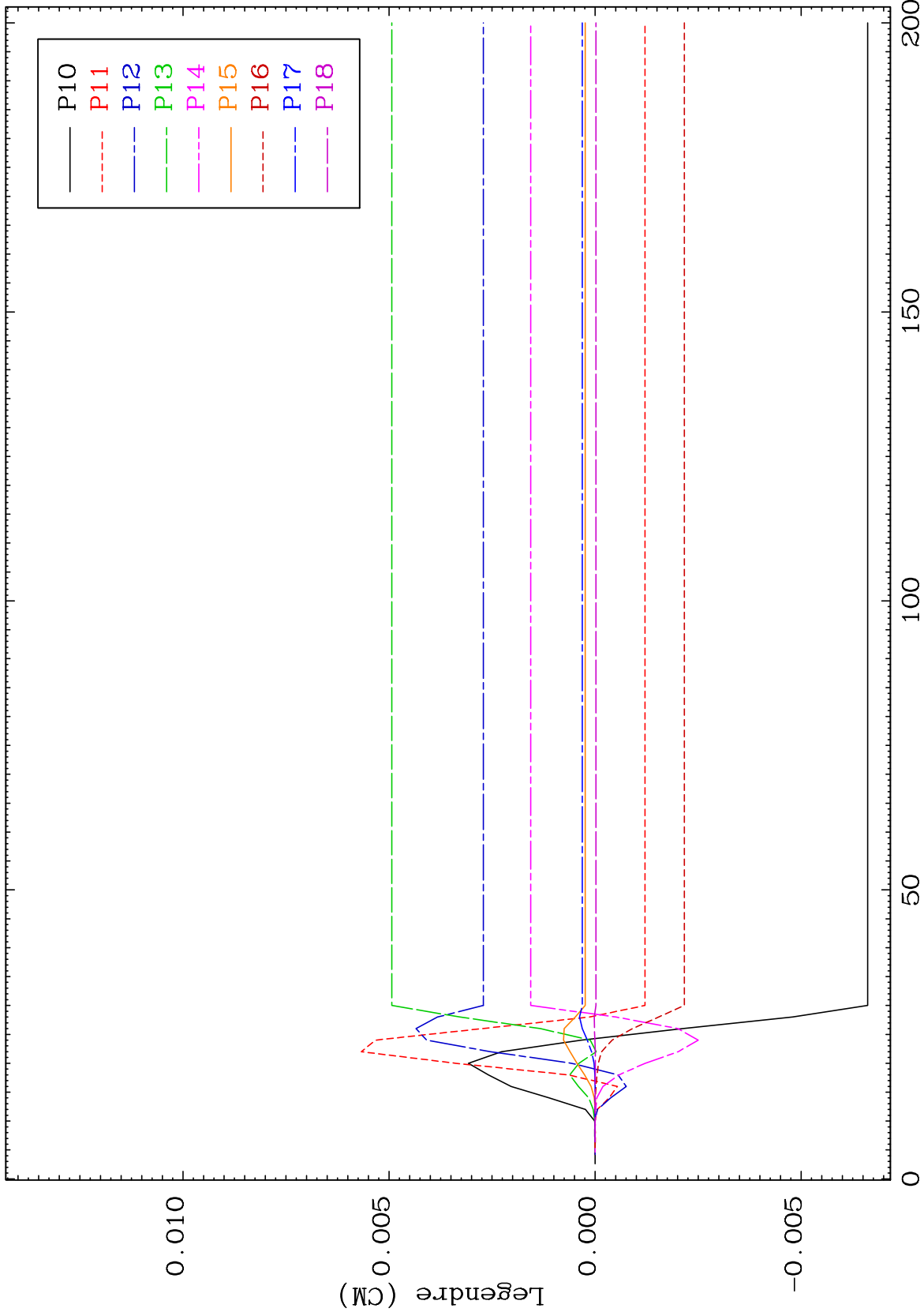
63-Eu-159



MAT 6349

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

63-Eu-159



122

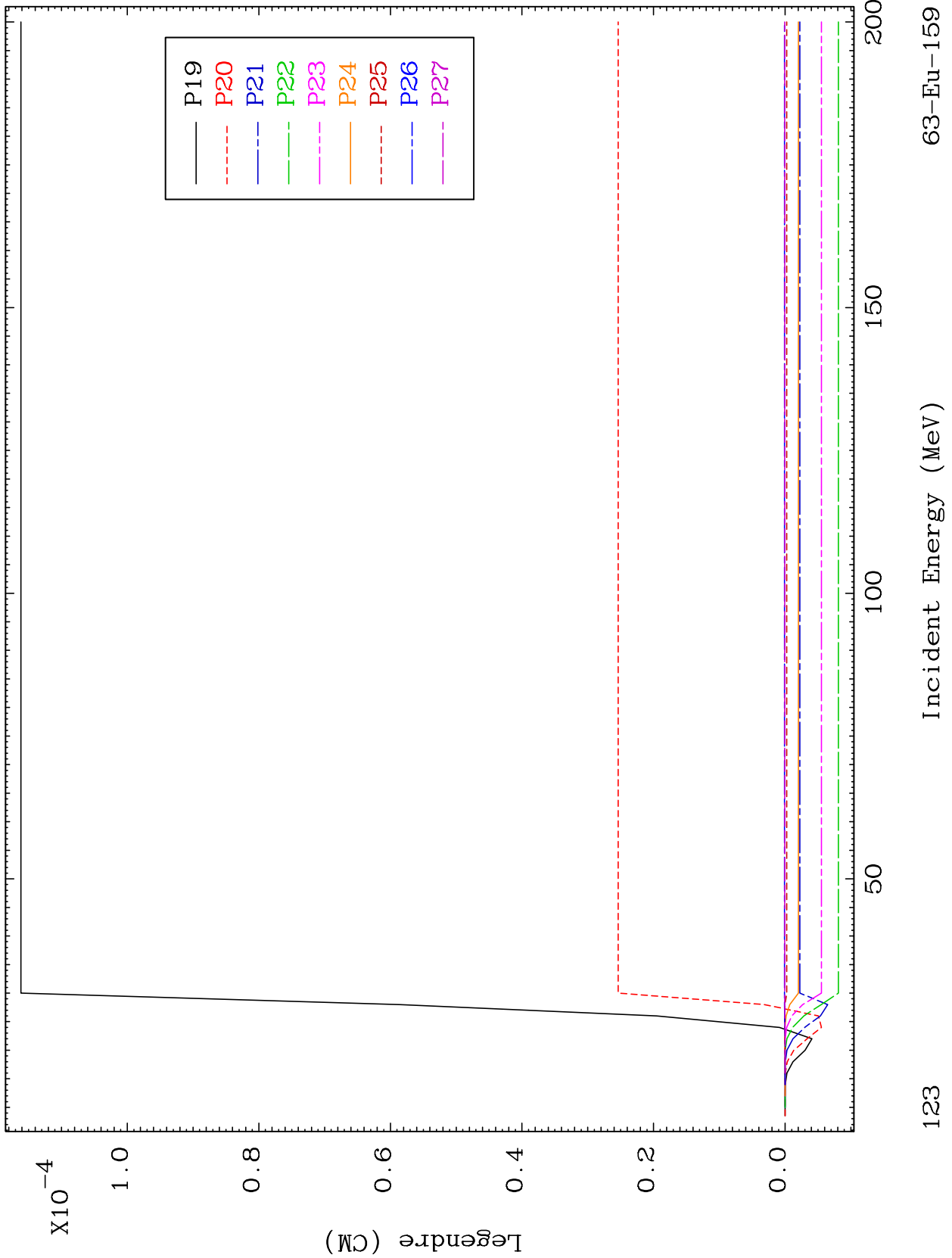
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

63-Eu-159



123

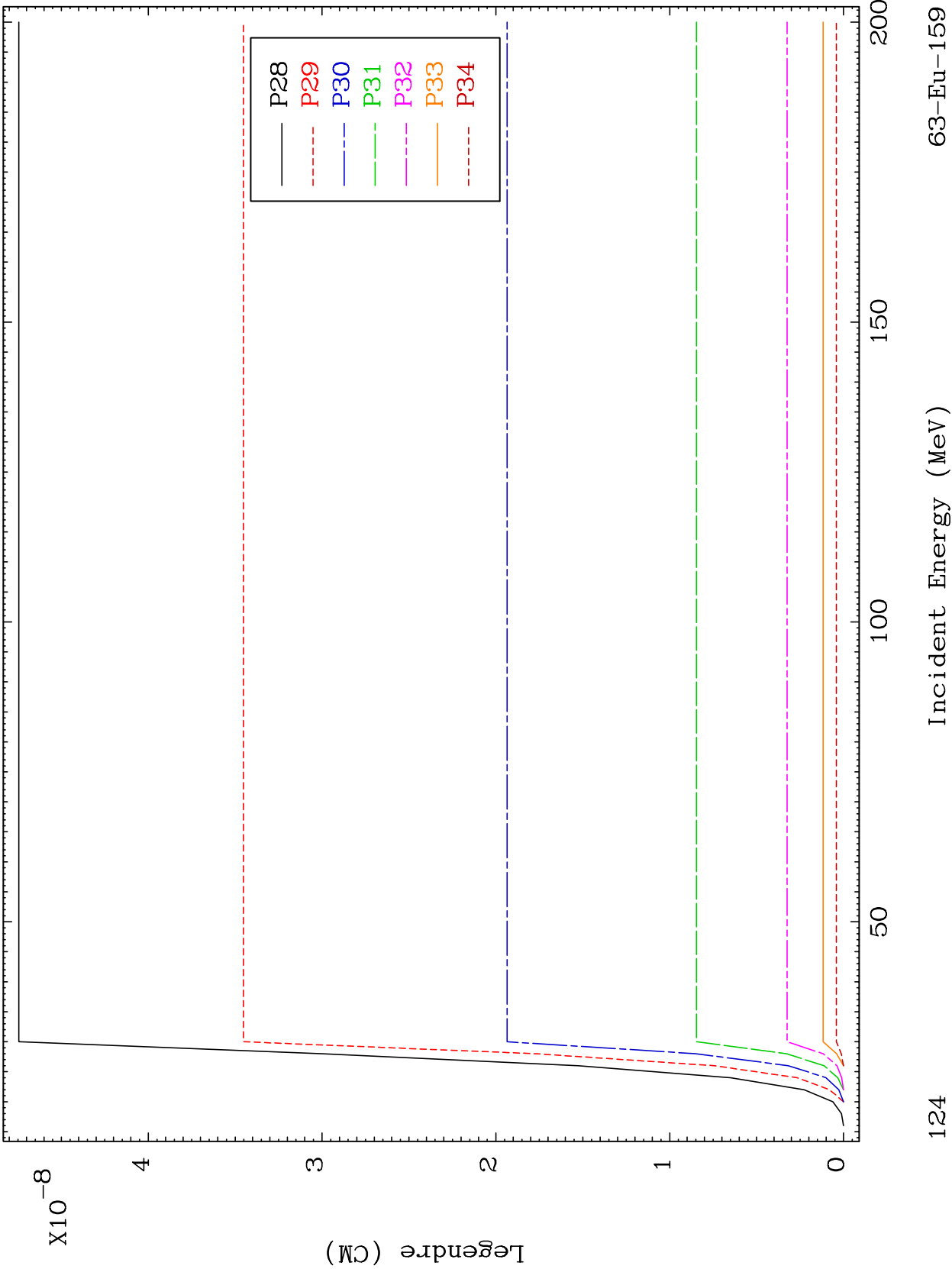
Incident Energy (MeV)

63-Eu-159

MAT 6349

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

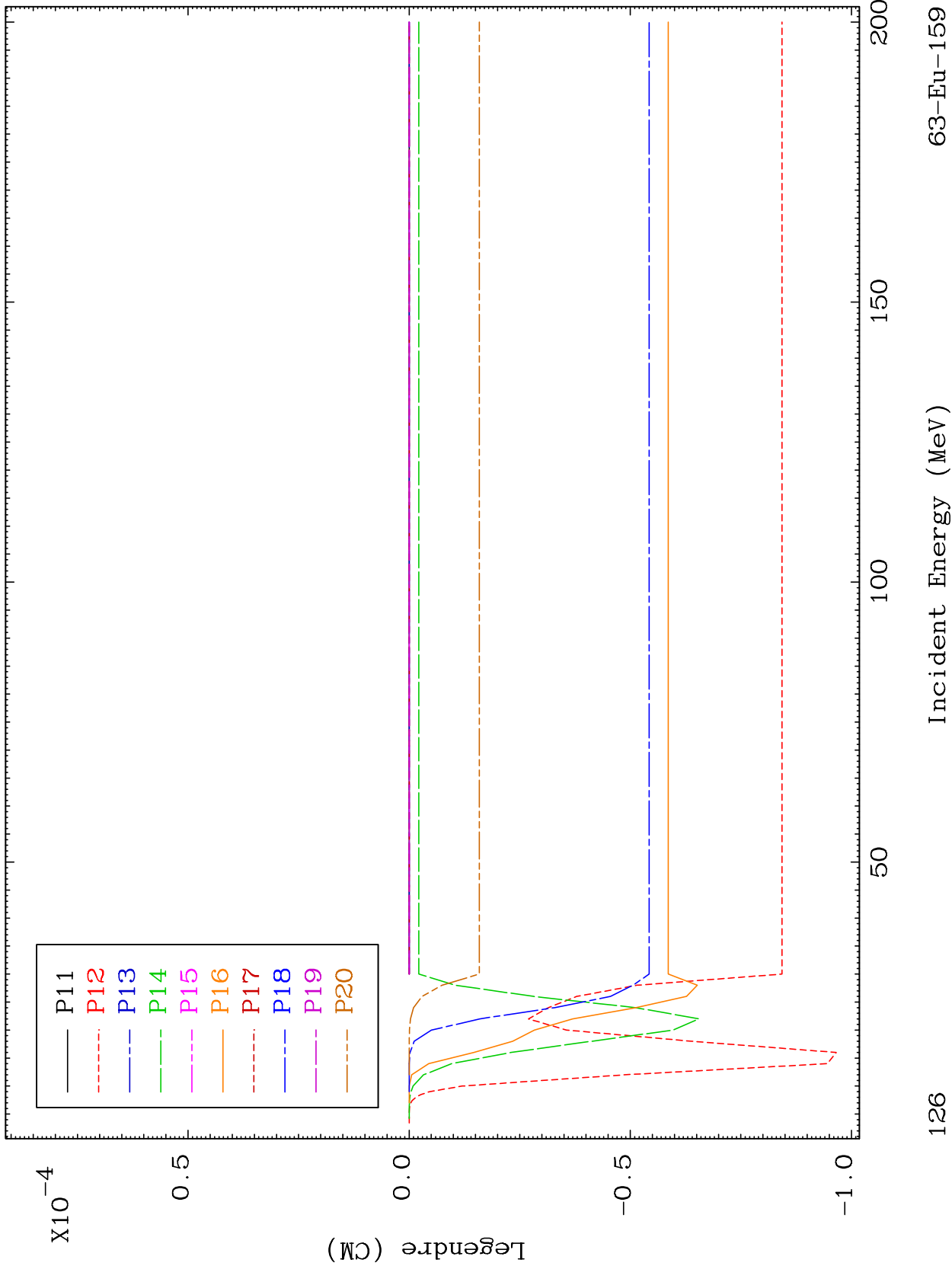
63-Eu-159

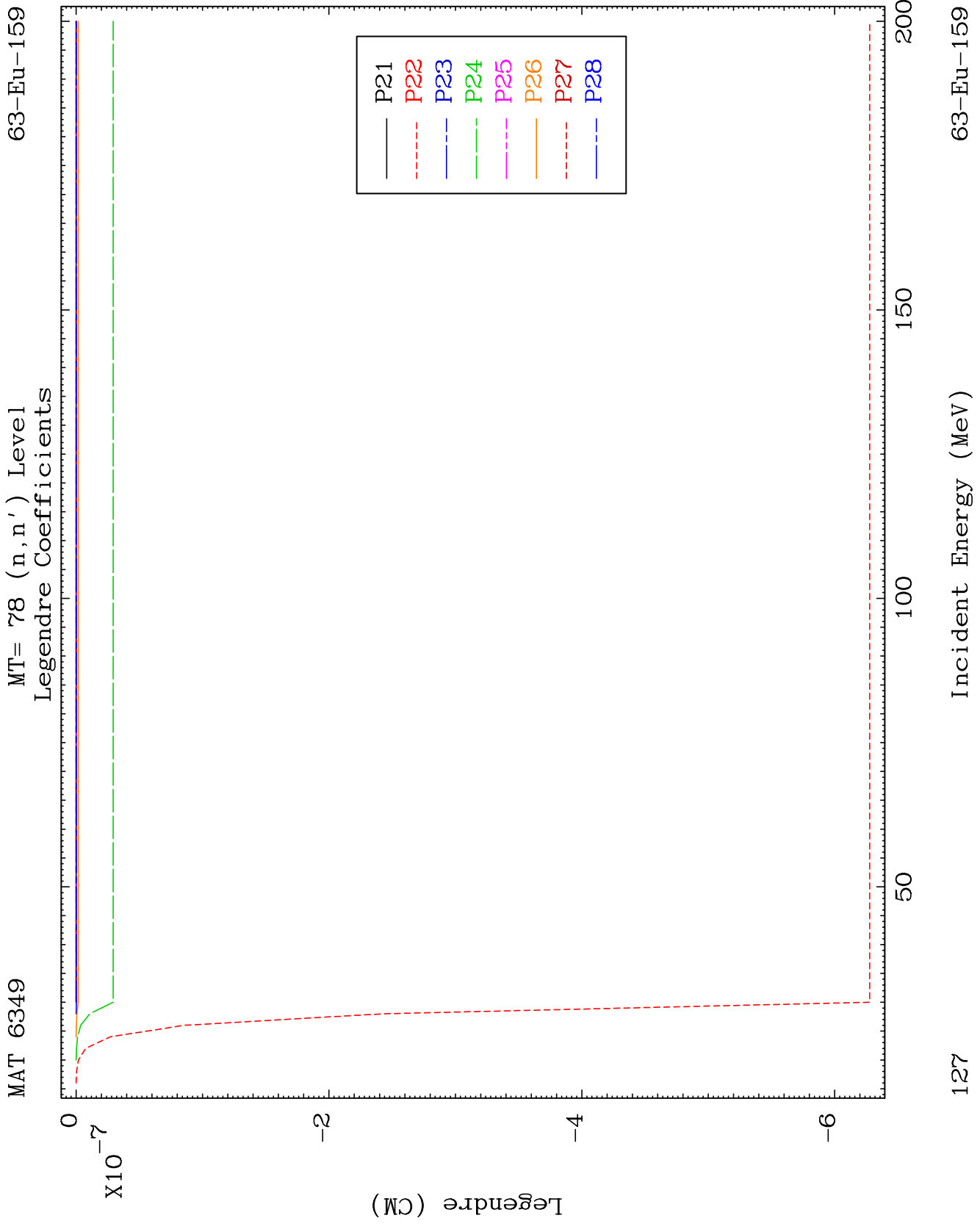


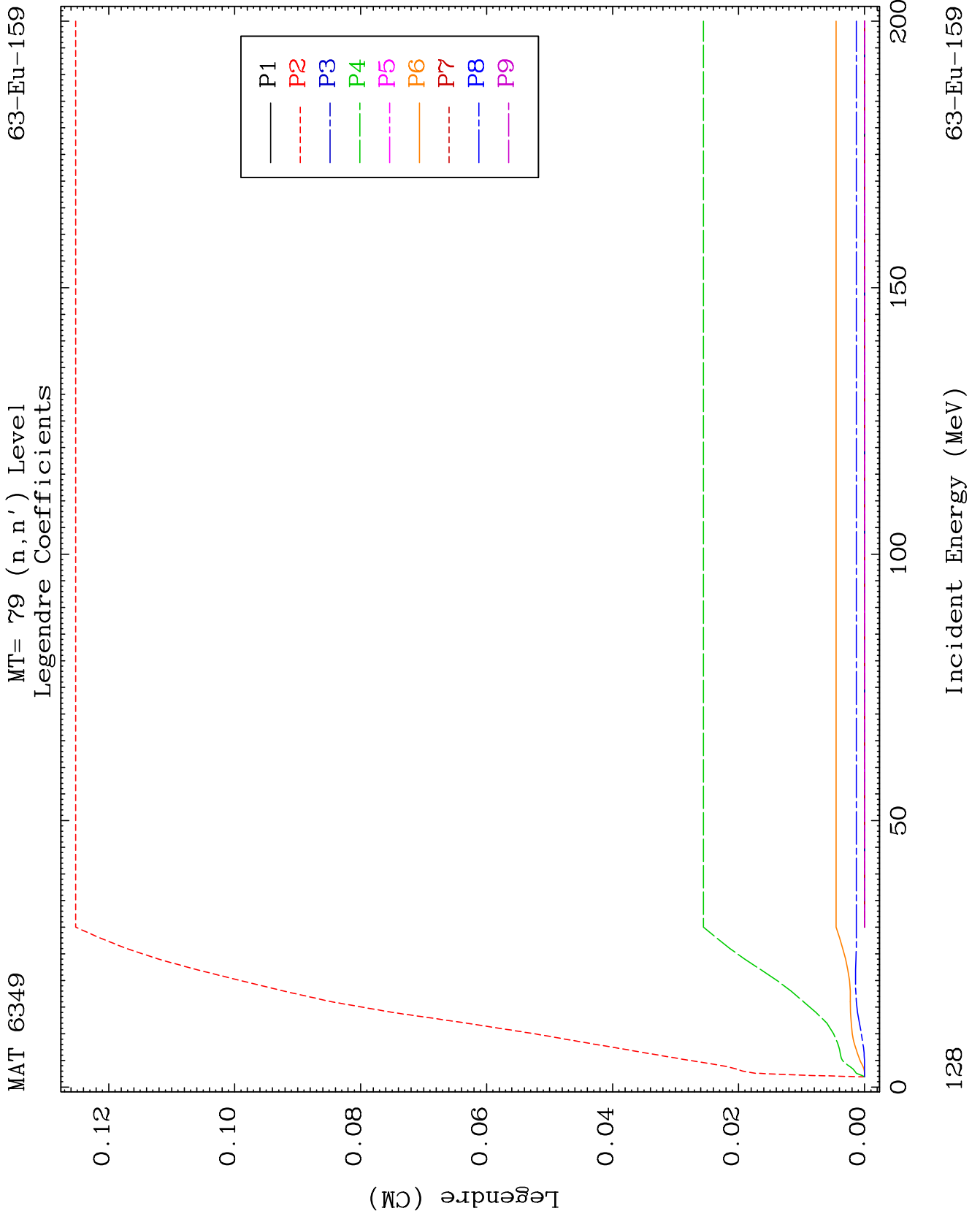
124

Incident Energy (MeV)

63-Eu-159



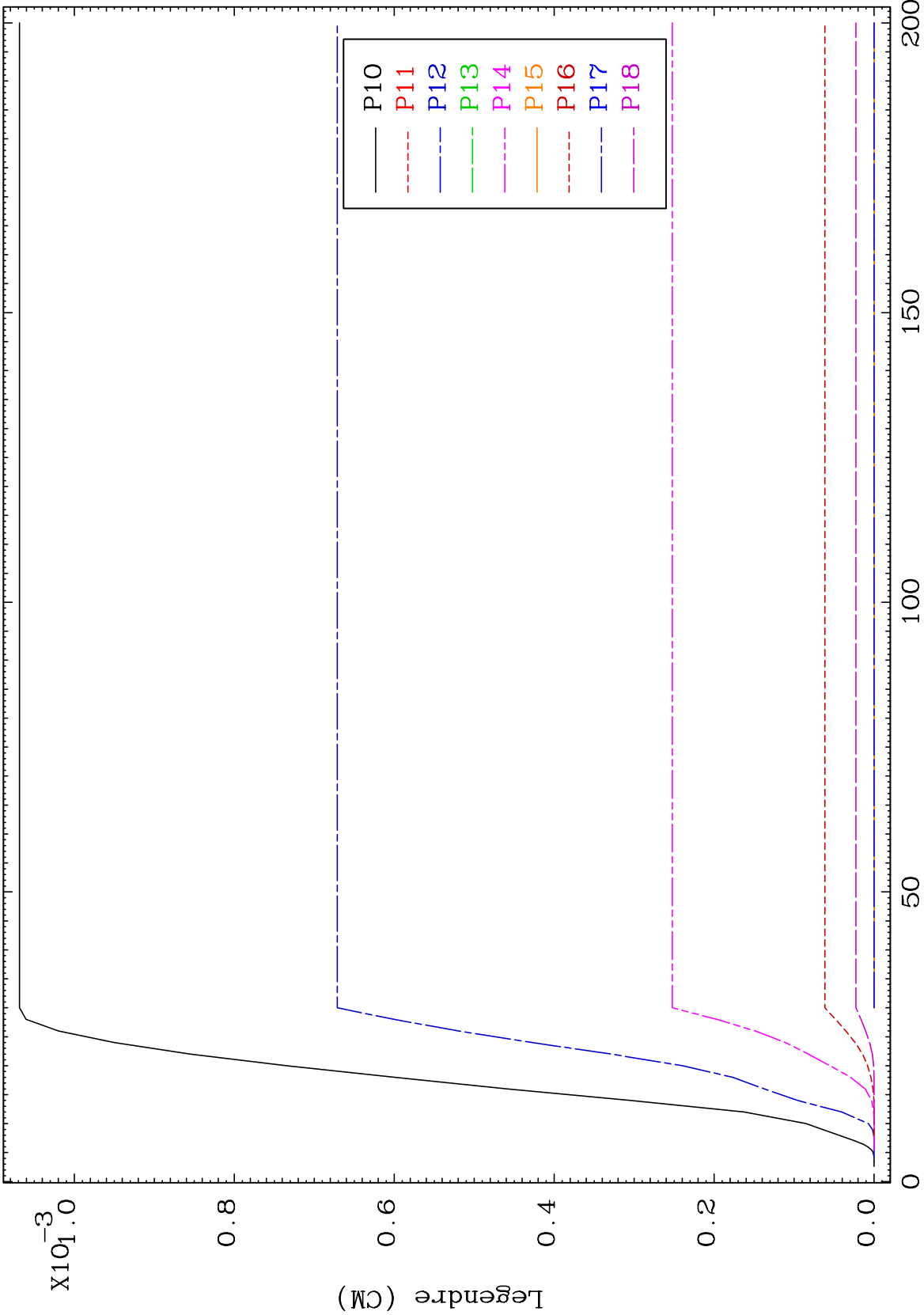




MAT 6349

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

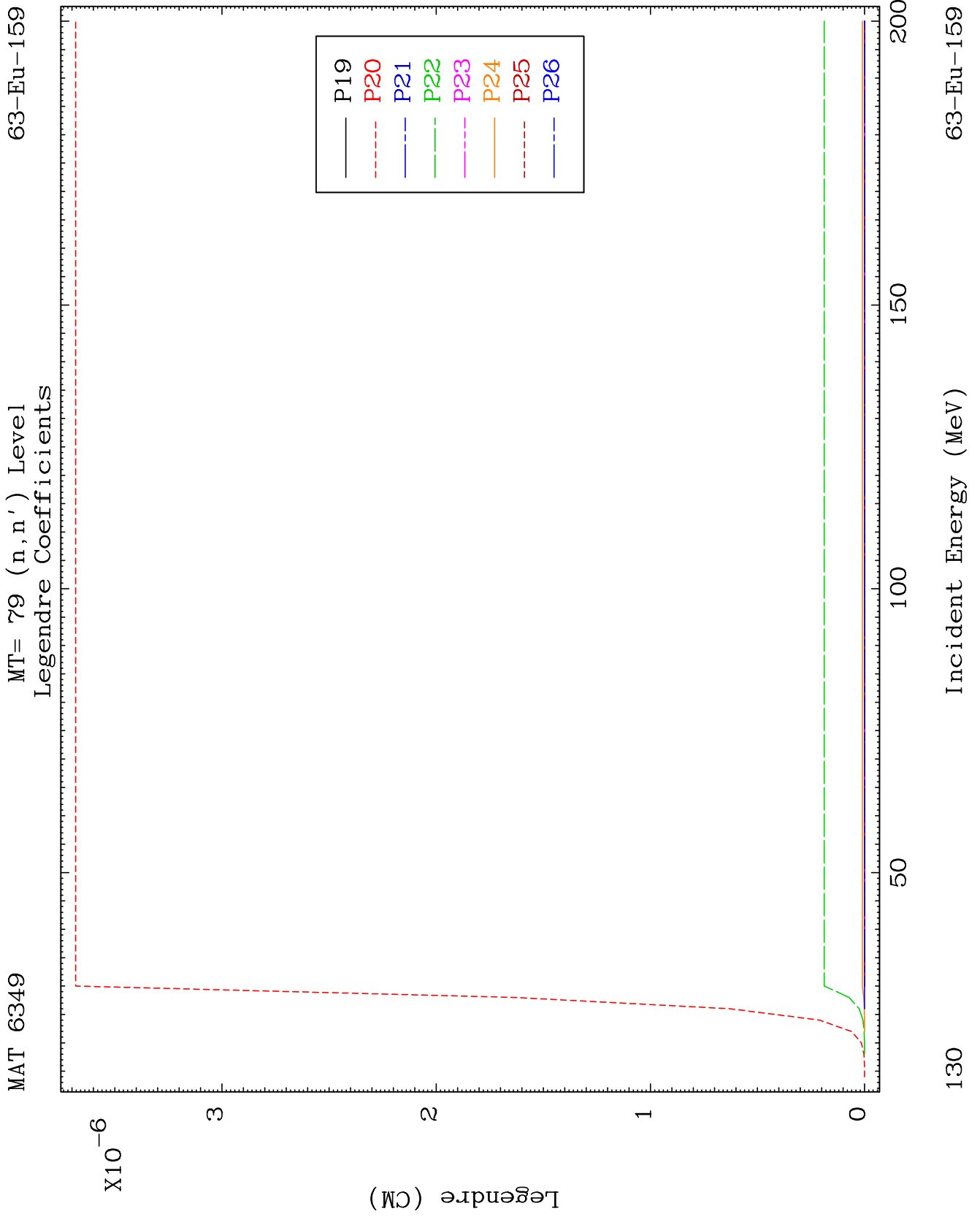
63-Eu-159

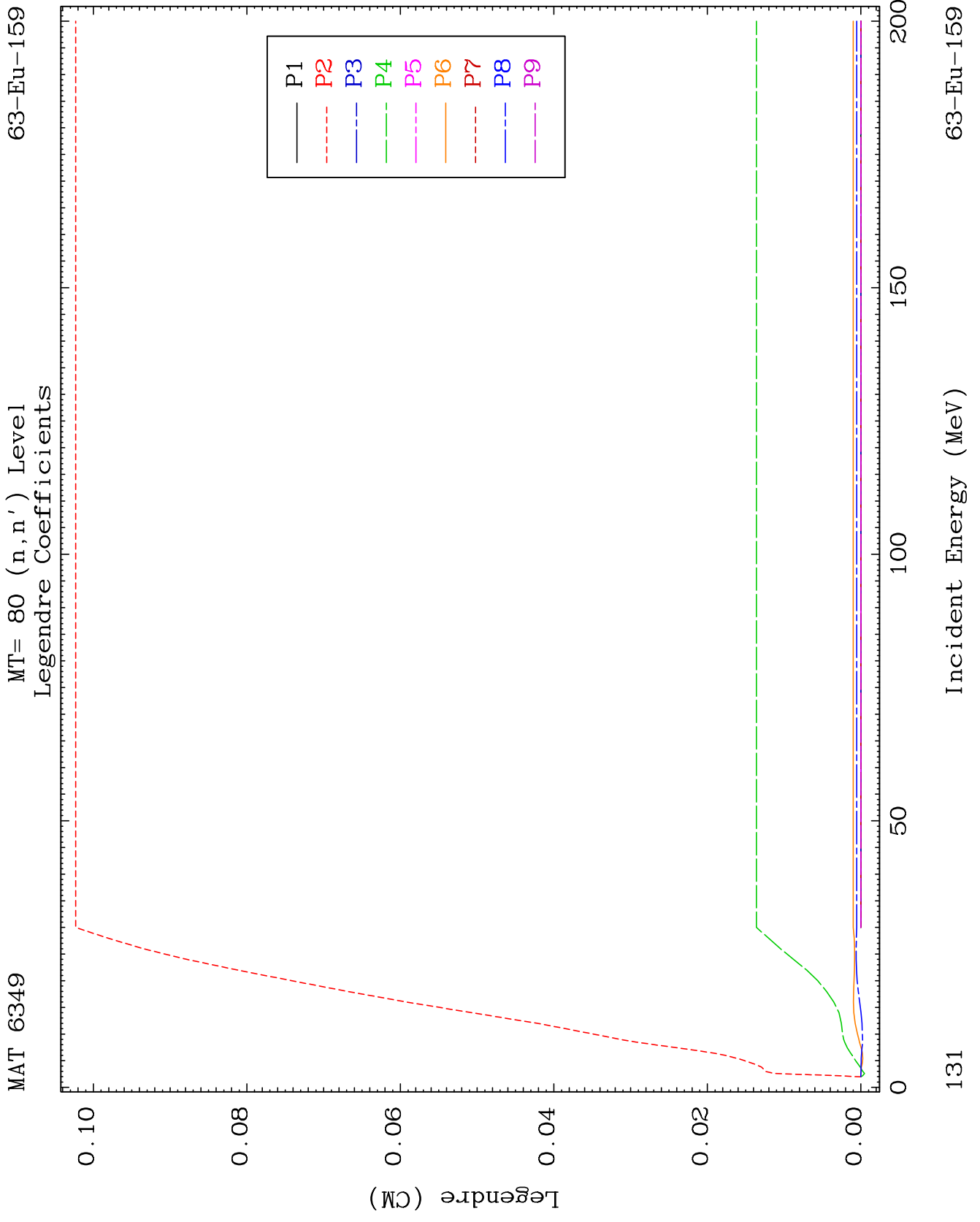


129

Incident Energy (MeV)

63-Eu-159

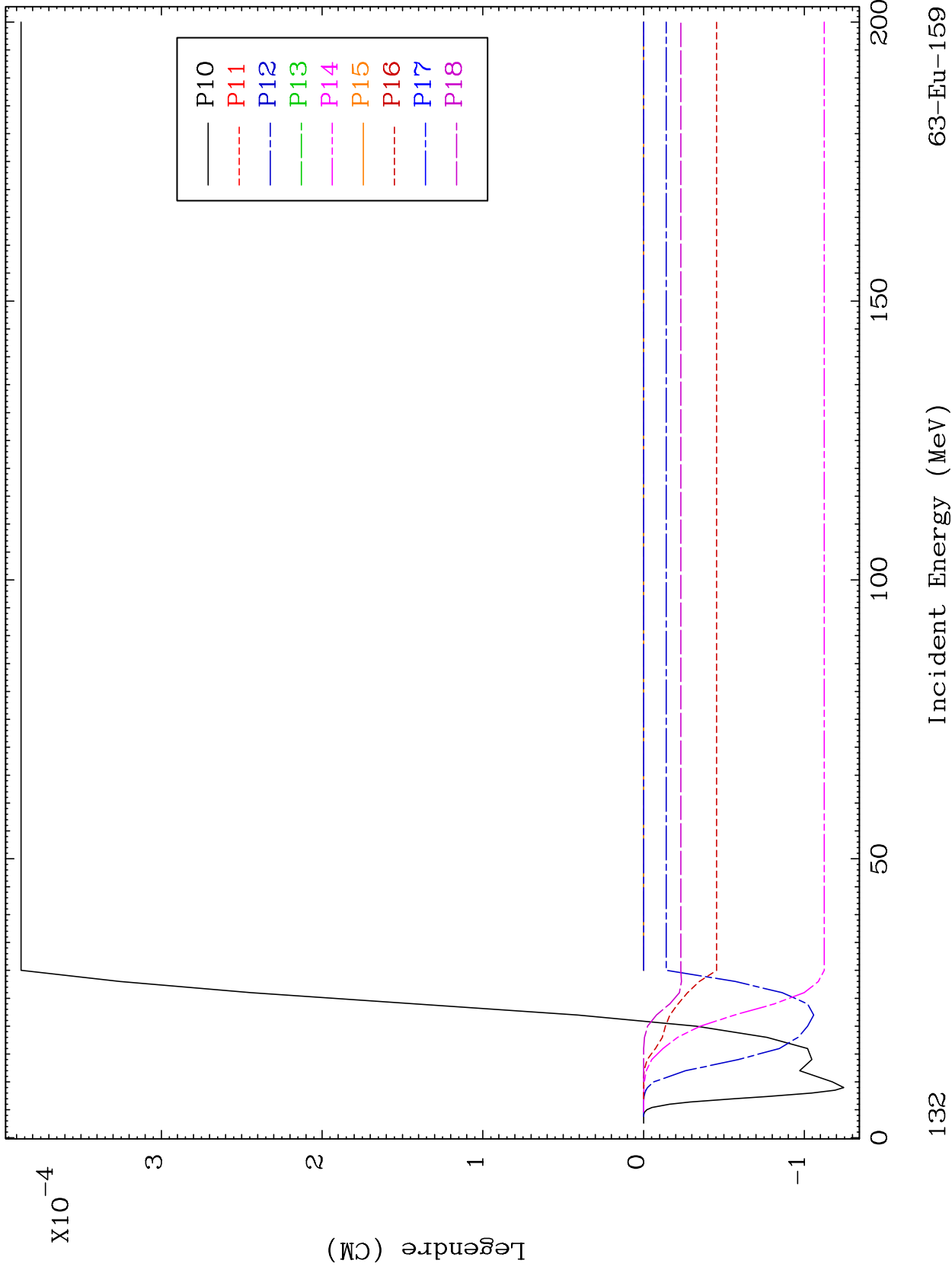




MAT 6349

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

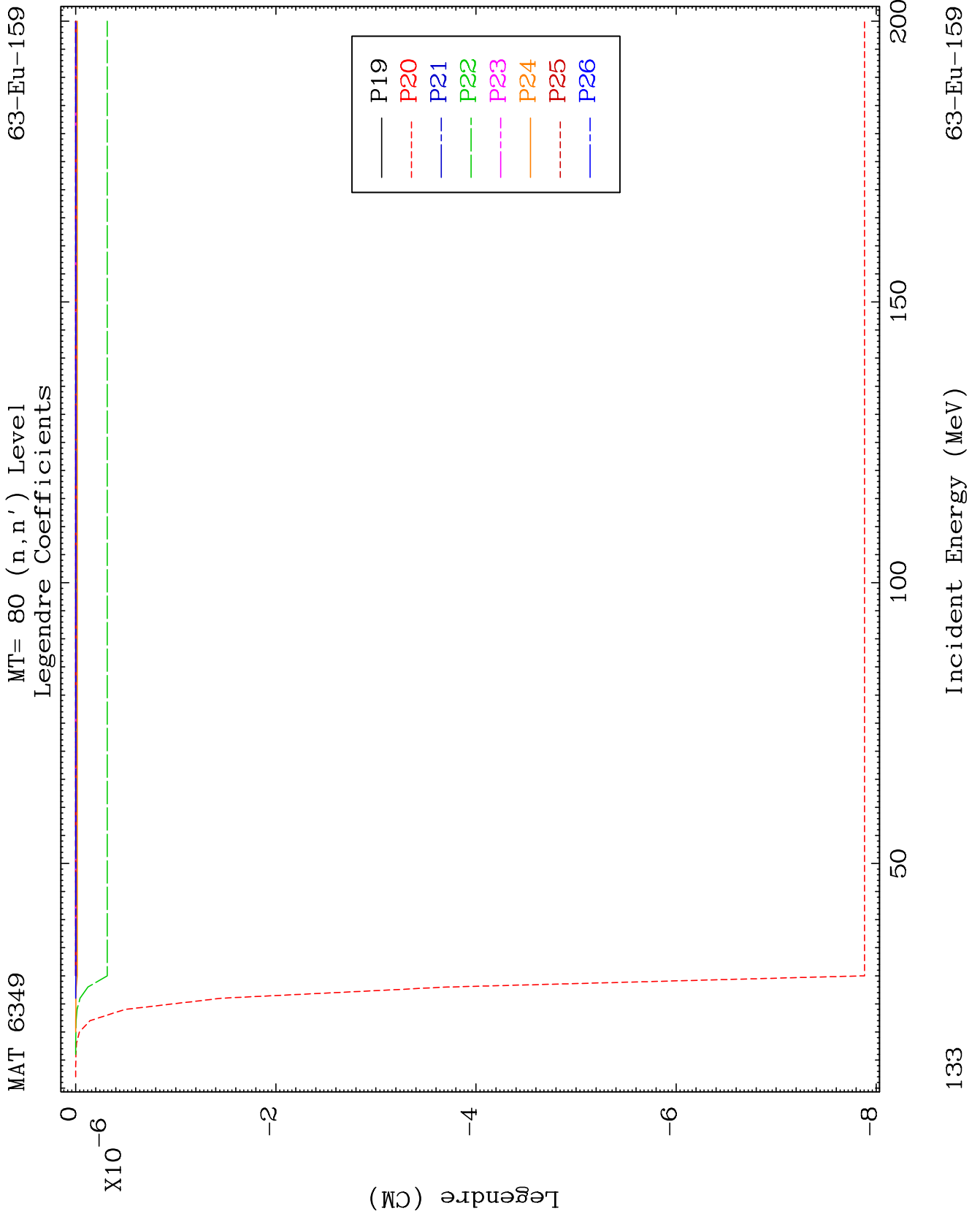
63-Eu-159



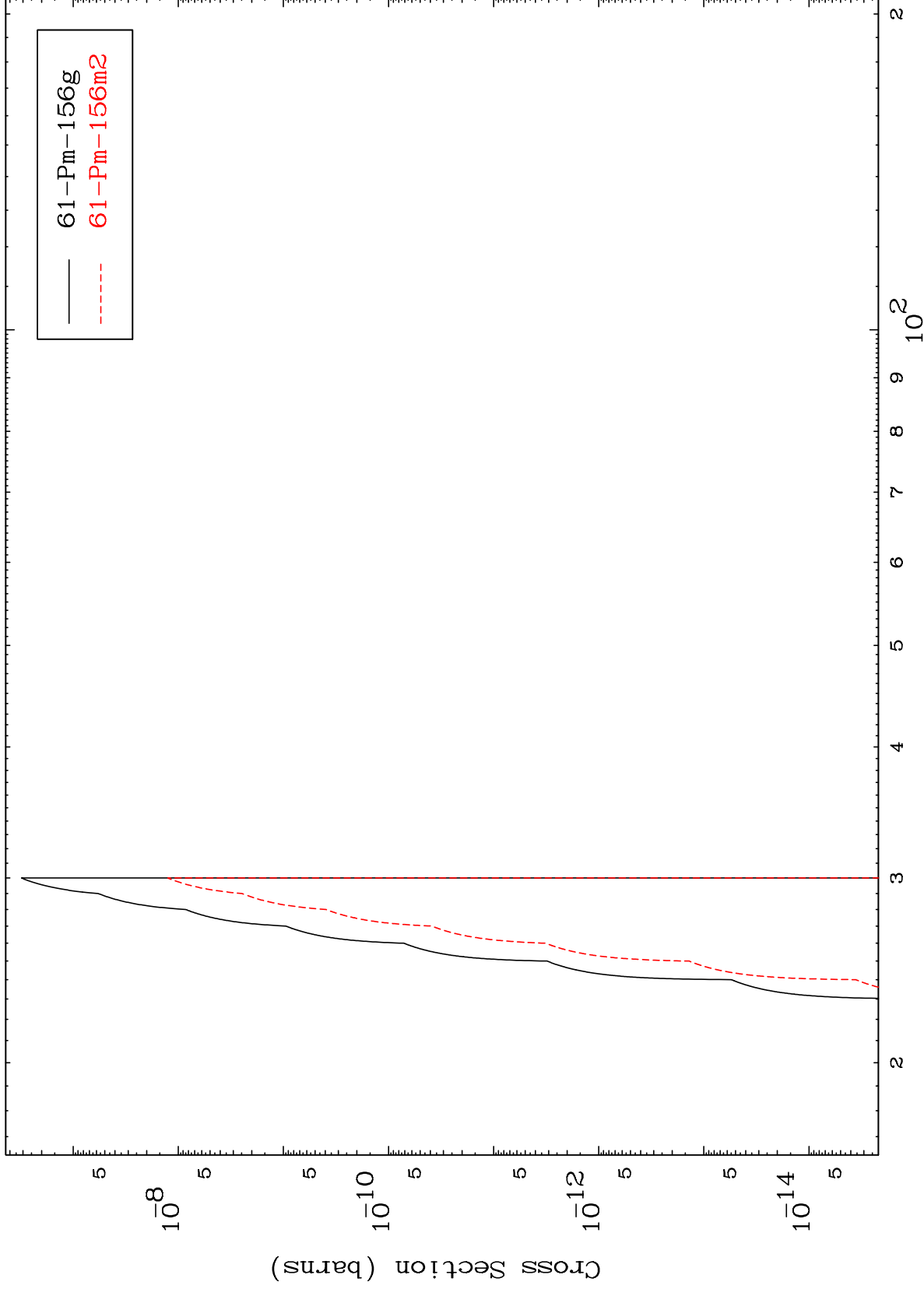
132

Incident Energy (MeV)

63-Eu-159



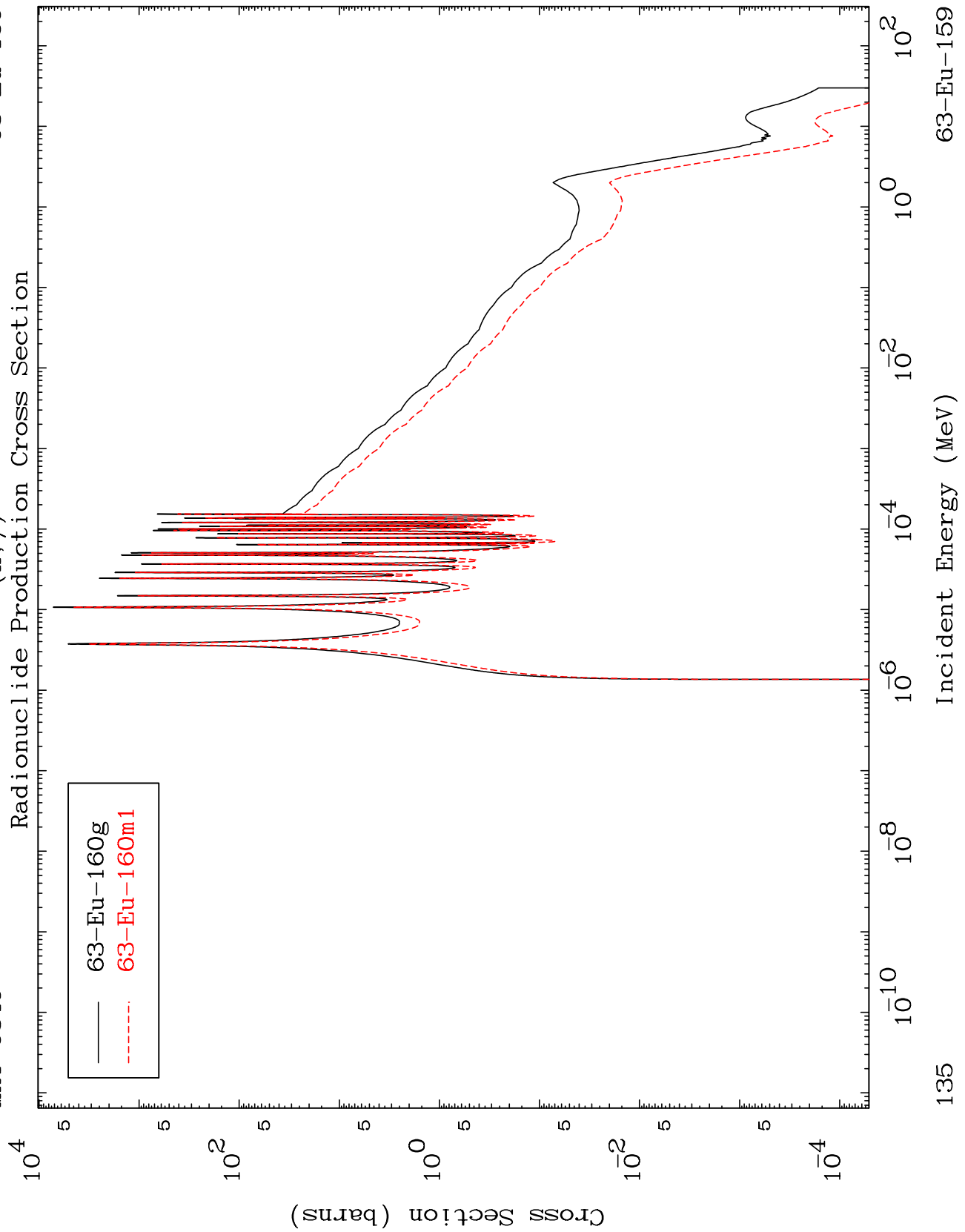
Radionuclide Production Cross Section



MAT 6349

63-Eu-159

(n, γ)
Radionuclide Production Cross Section



135

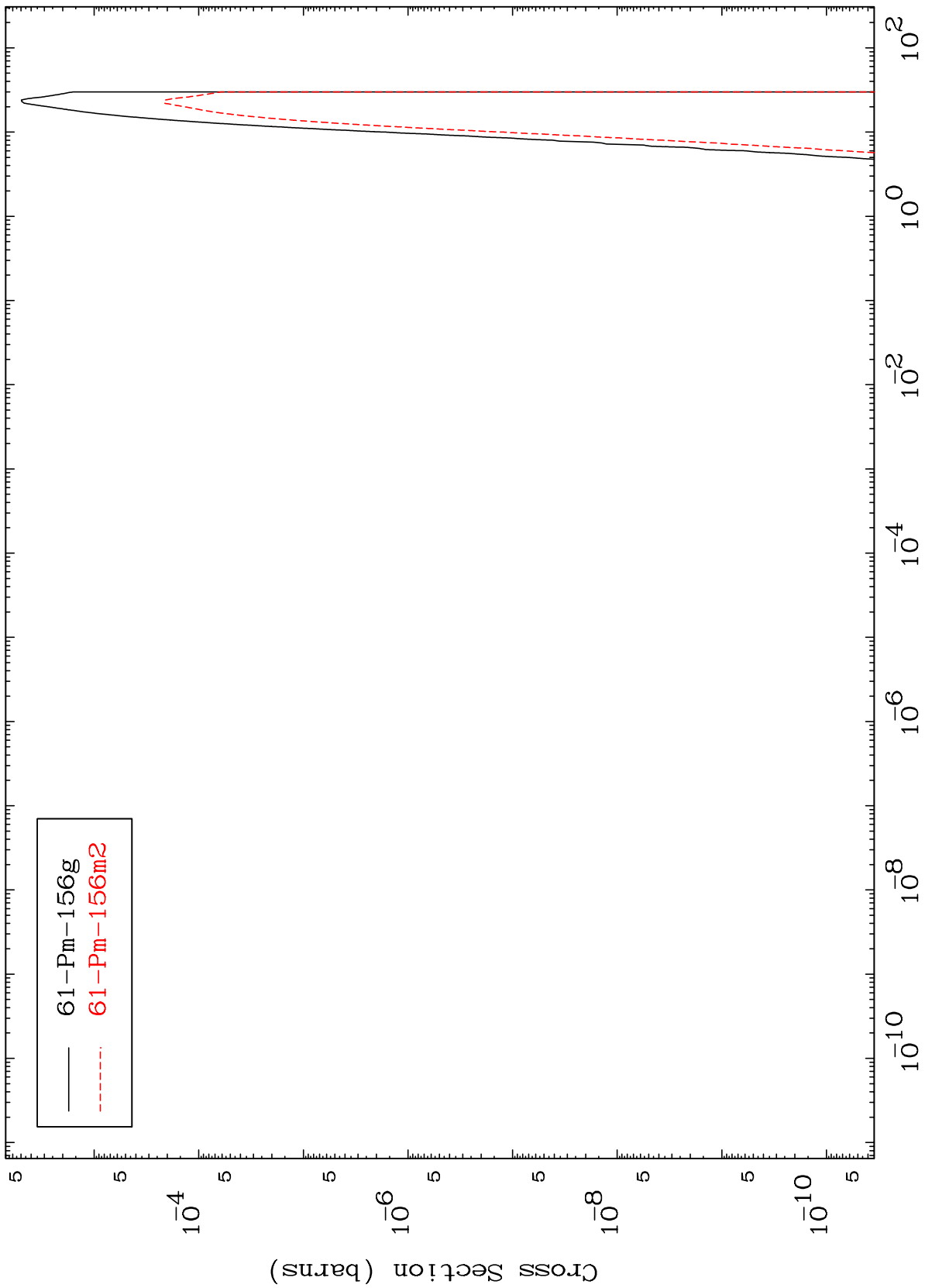
63-Eu-159

MAT 6349

(n, α)

63-Eu-159

Radionuclide Production Cross Section



136

Incident Energy (MeV)

63-Eu-159