

Program EVALPLOT
(Version 2018-1)

by

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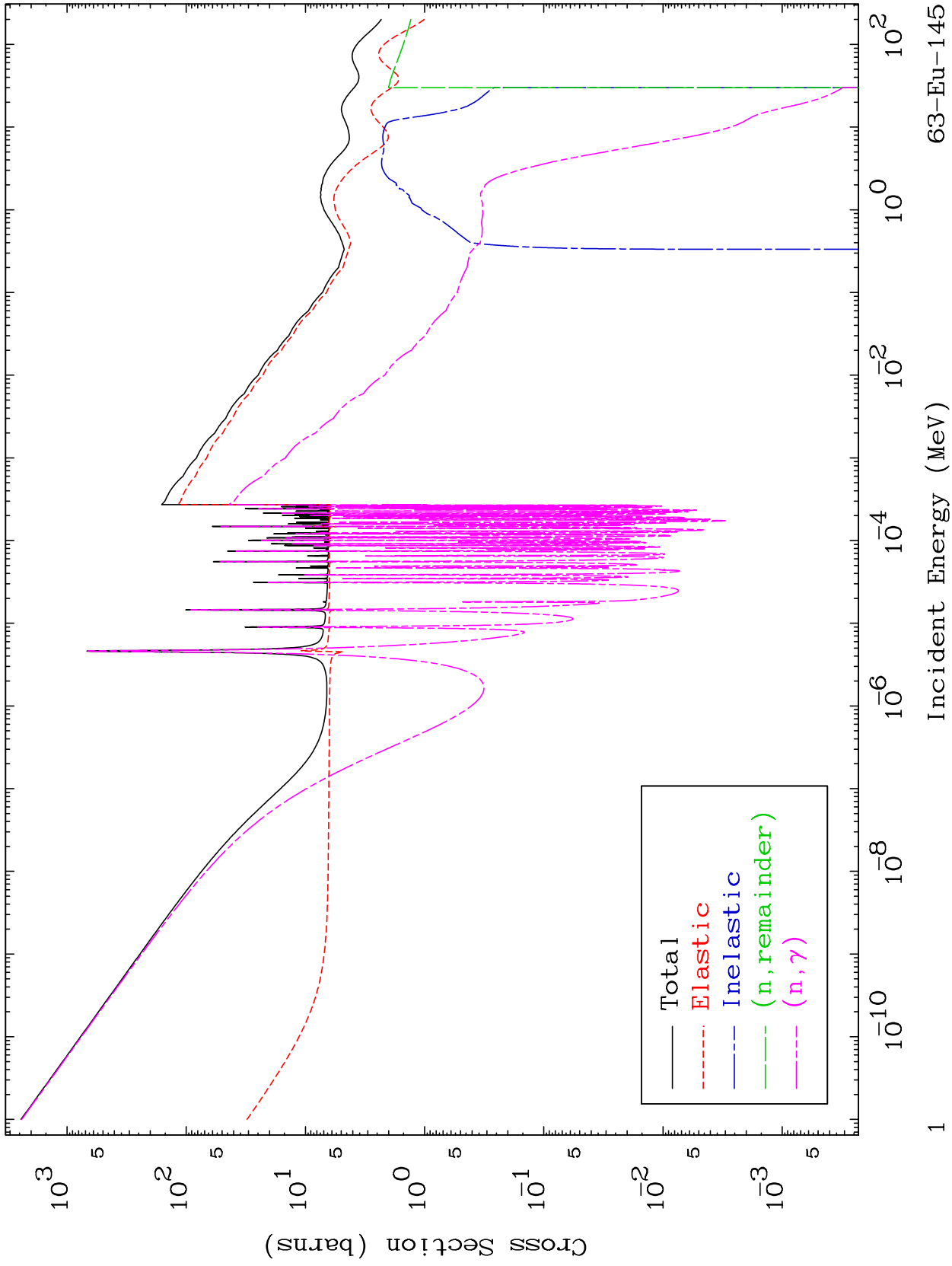
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6307

Major
293 Kelvin Cross Sections

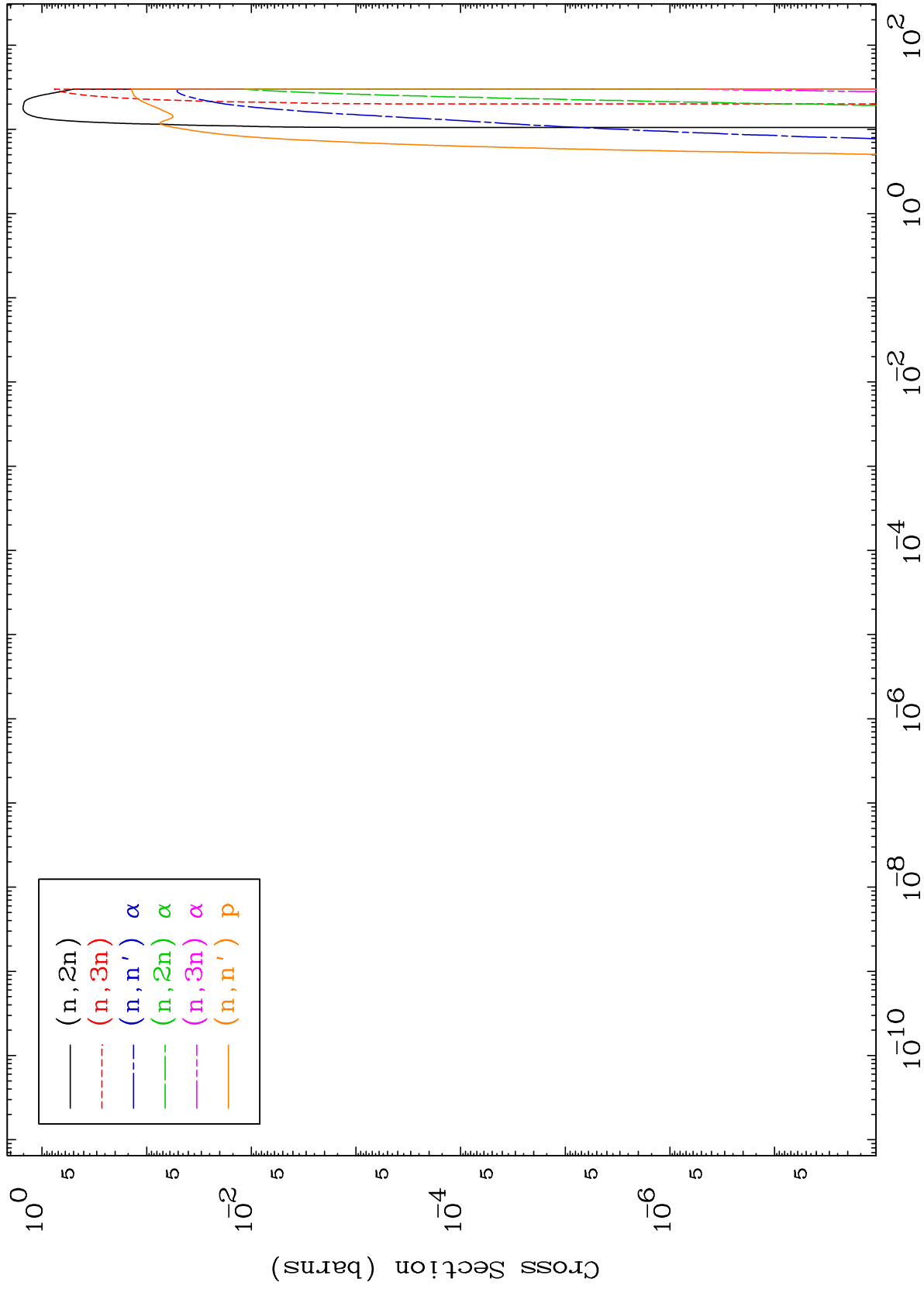
63-Eu-145



MAT 6307

Neutron Production
293 Kelvin Cross Sections

63-Eu-145

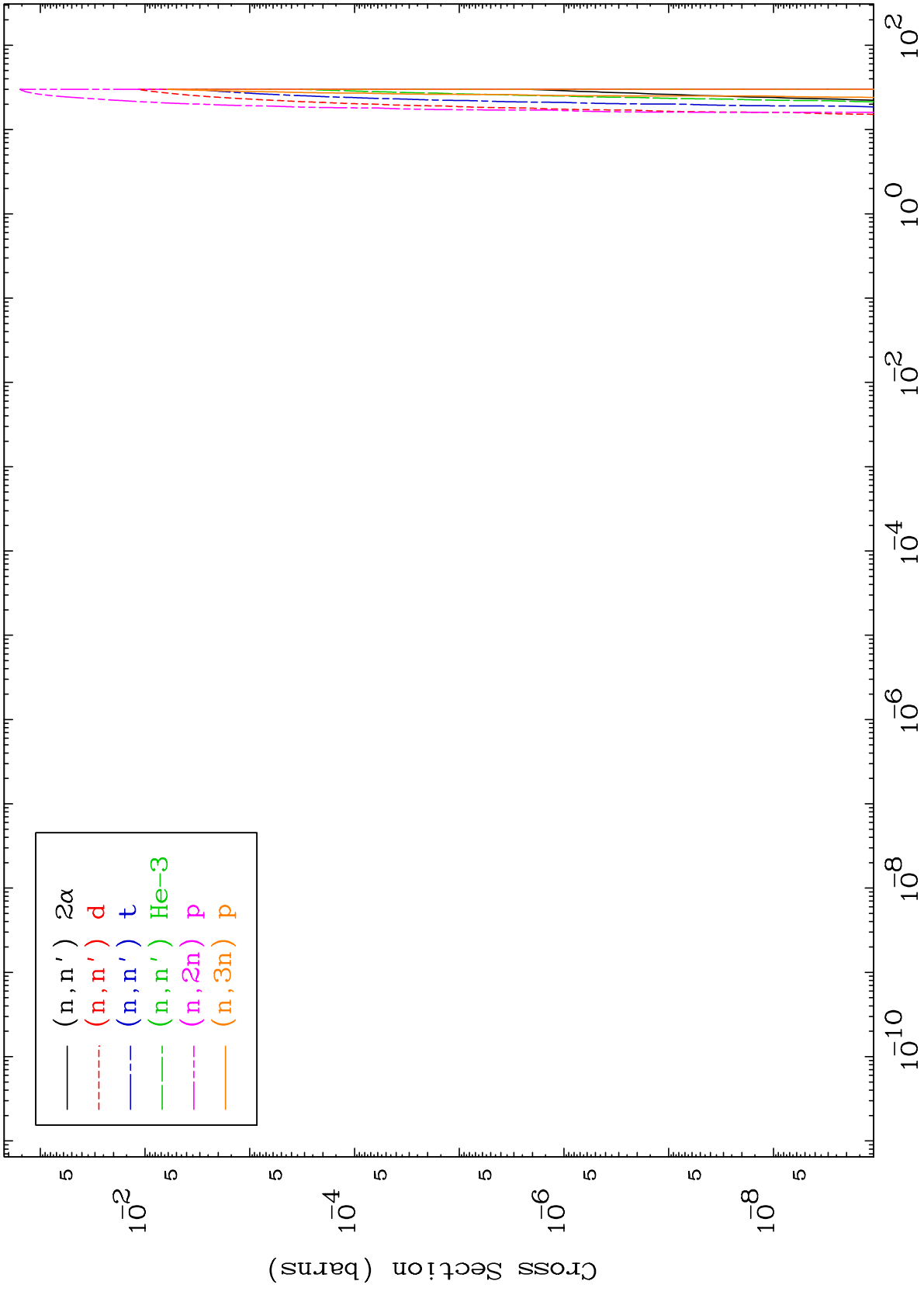


63-Eu-145

MAT 6307

Neutron Production
293 Kelvin Cross Sections

63-Eu-145

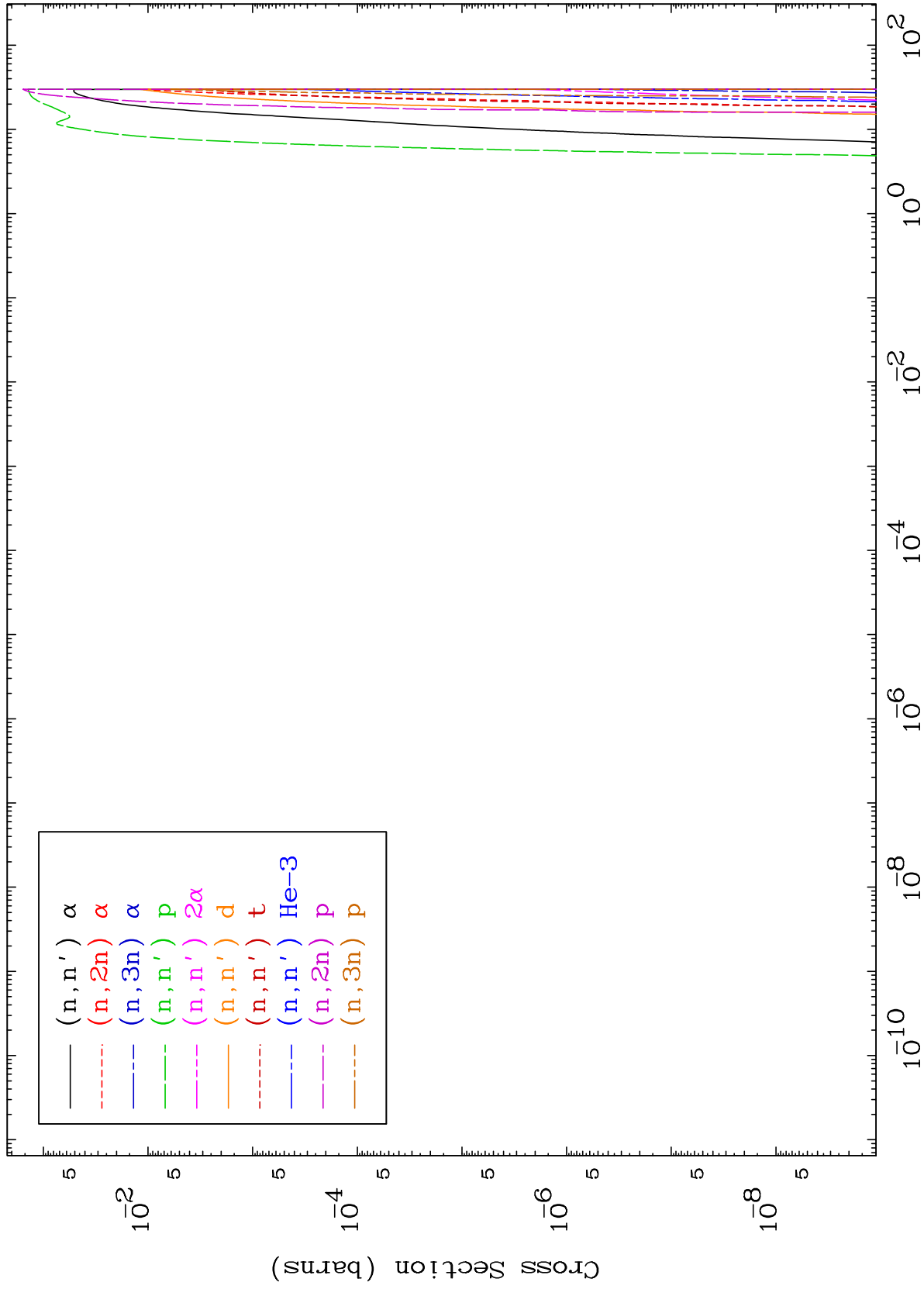


63-Eu-145

MAT 6307

Charged Particle
293 Kelvin Cross Sections

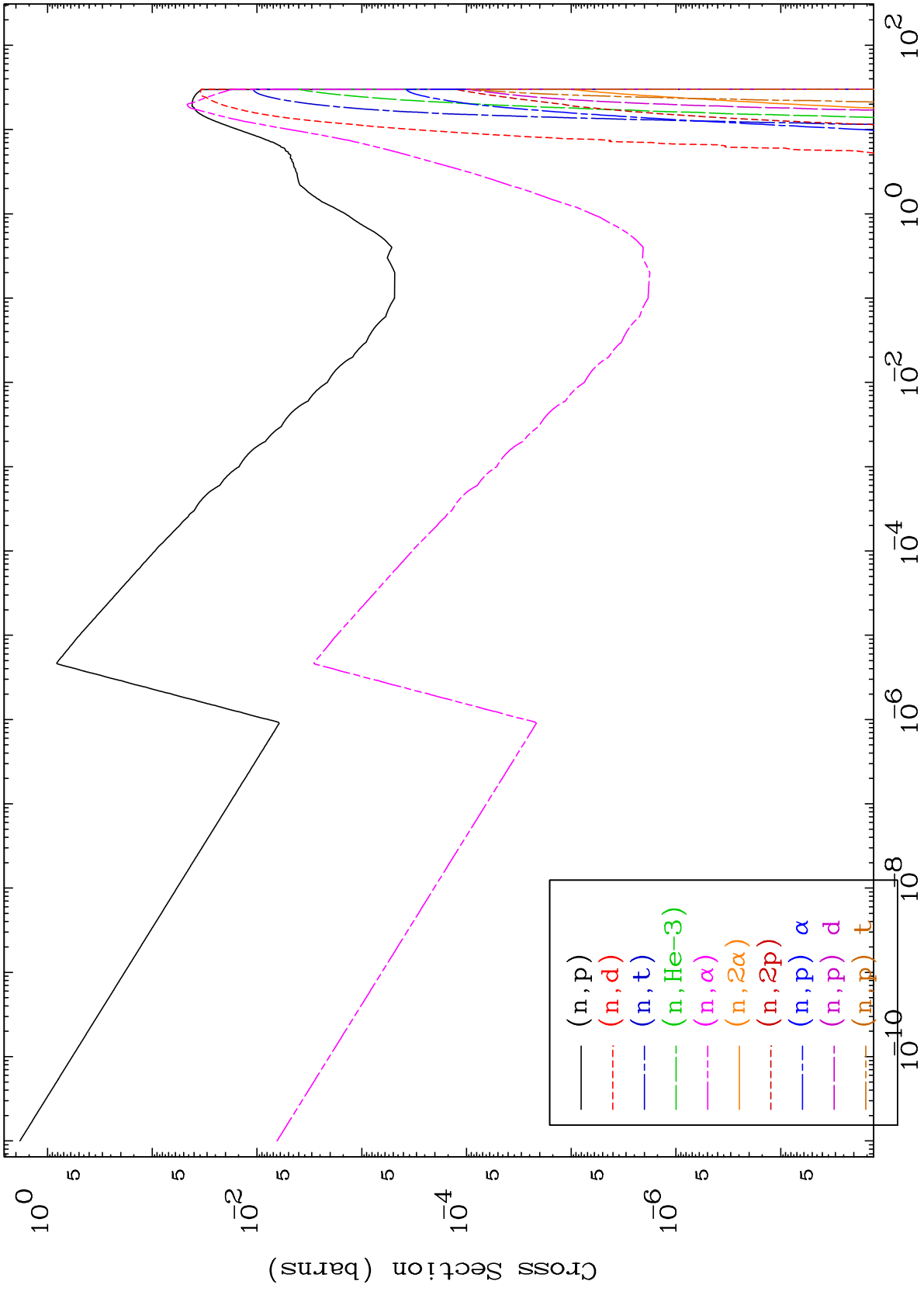
63-Eu-145



MAT 6307

Charged Particle
293 Kelvin Cross Sections

63-Eu-145

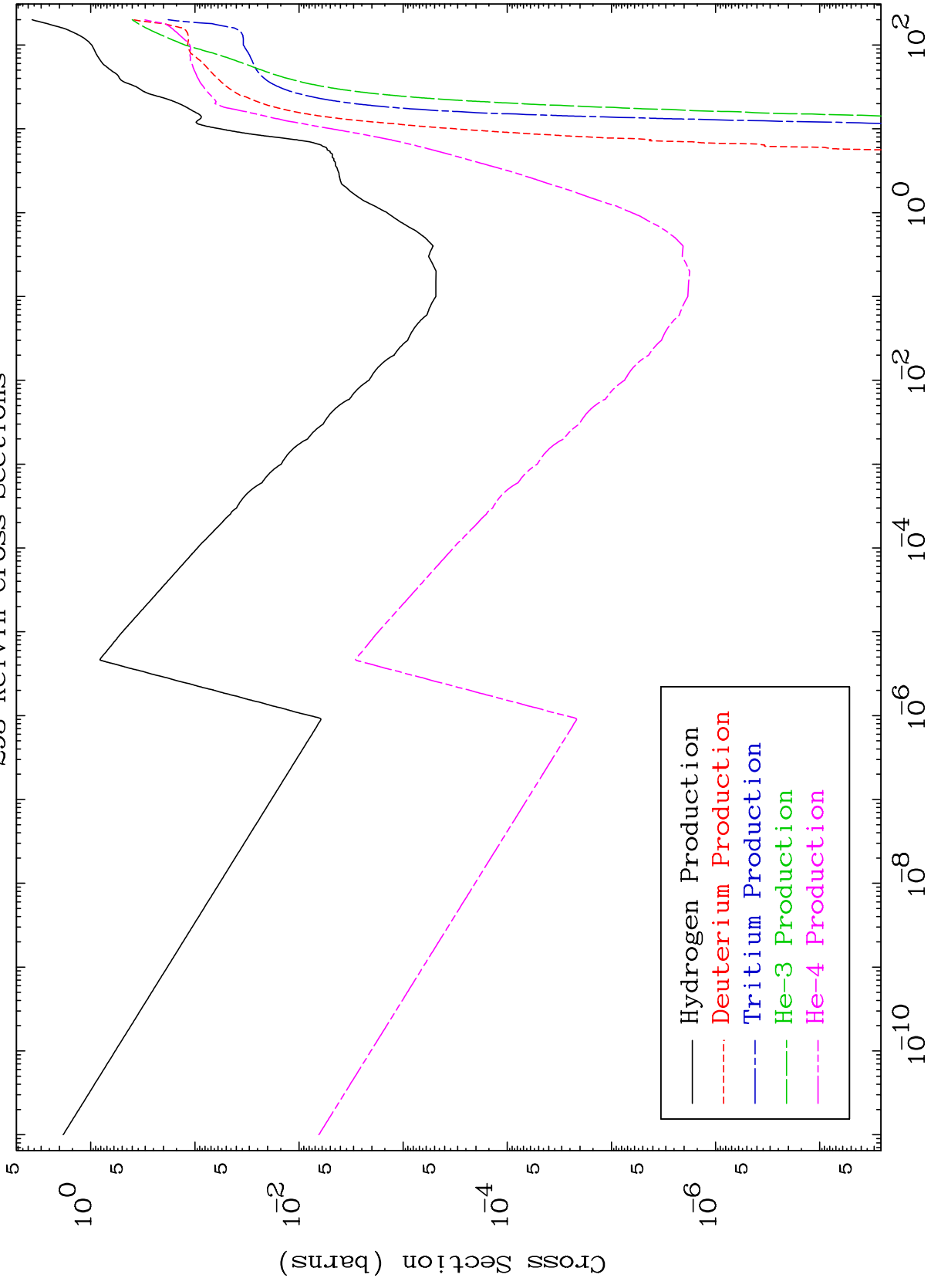


63-Eu-145

MAT 6307

Particle Production
293 Kelvin Cross Sections

63-Eu-145

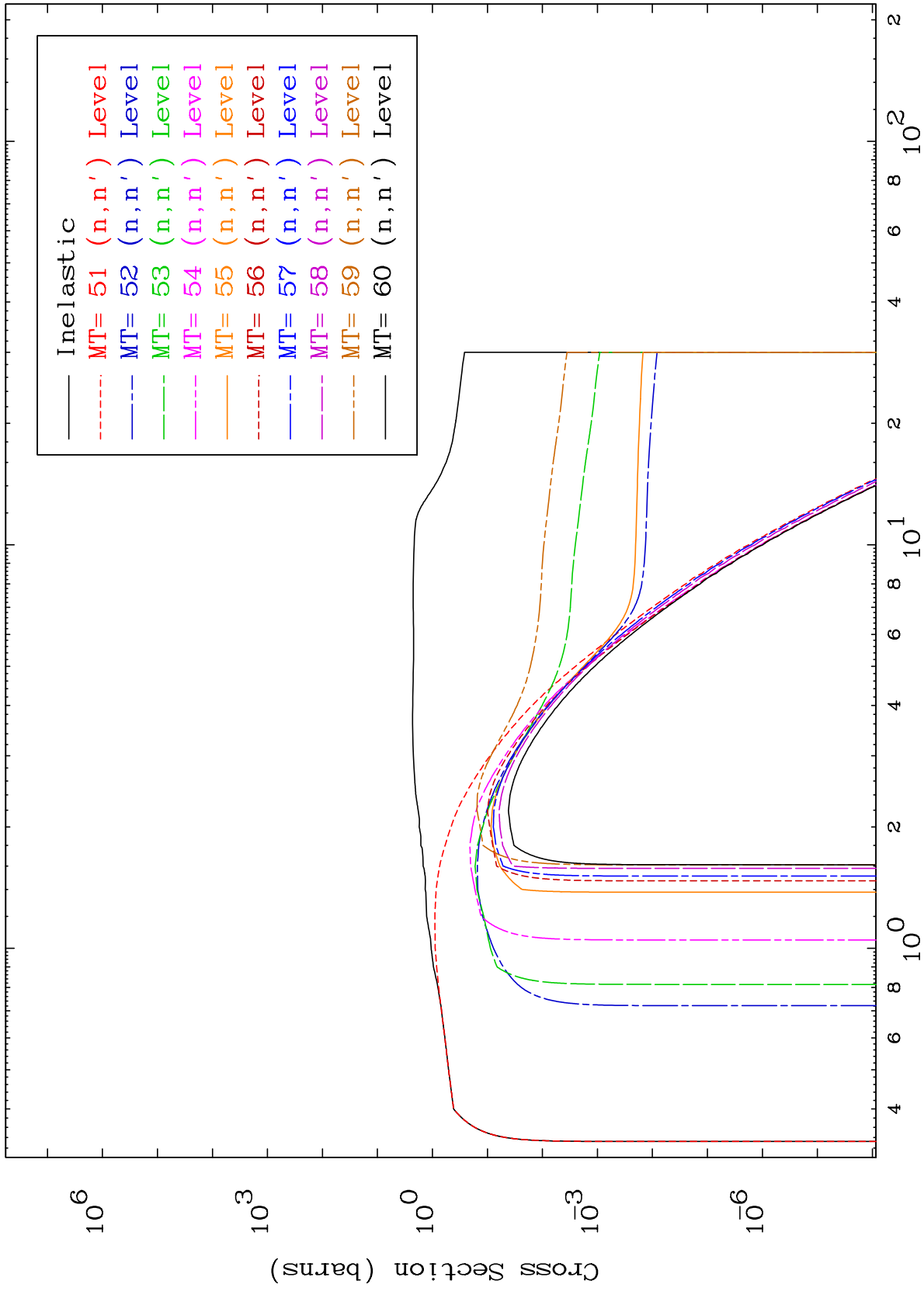


MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections



7

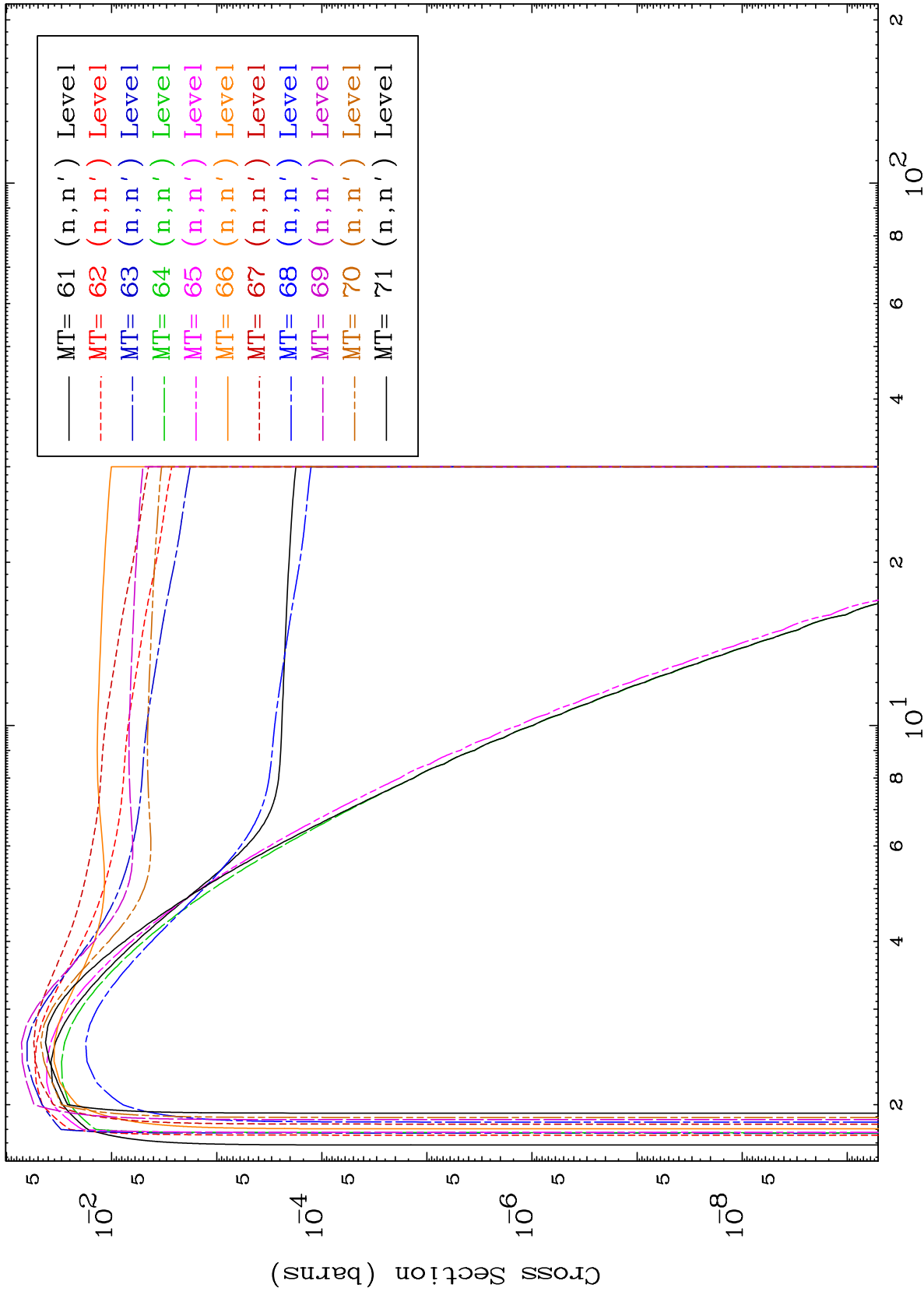
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') Level
293 Kelvin Cross Sections

63-Eu-145



8

Incident Energy (MeV)

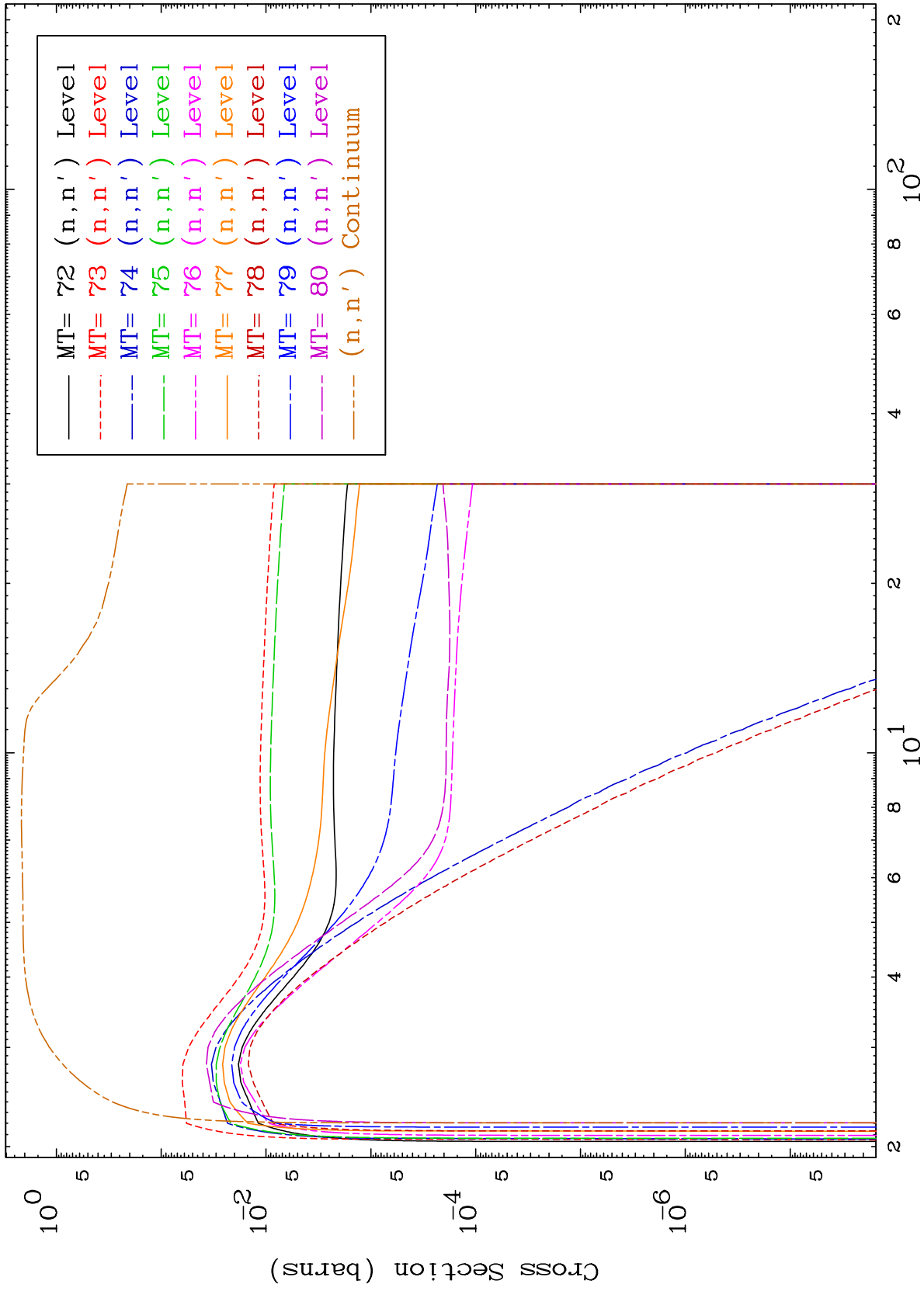
63-Eu-145

MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections



9

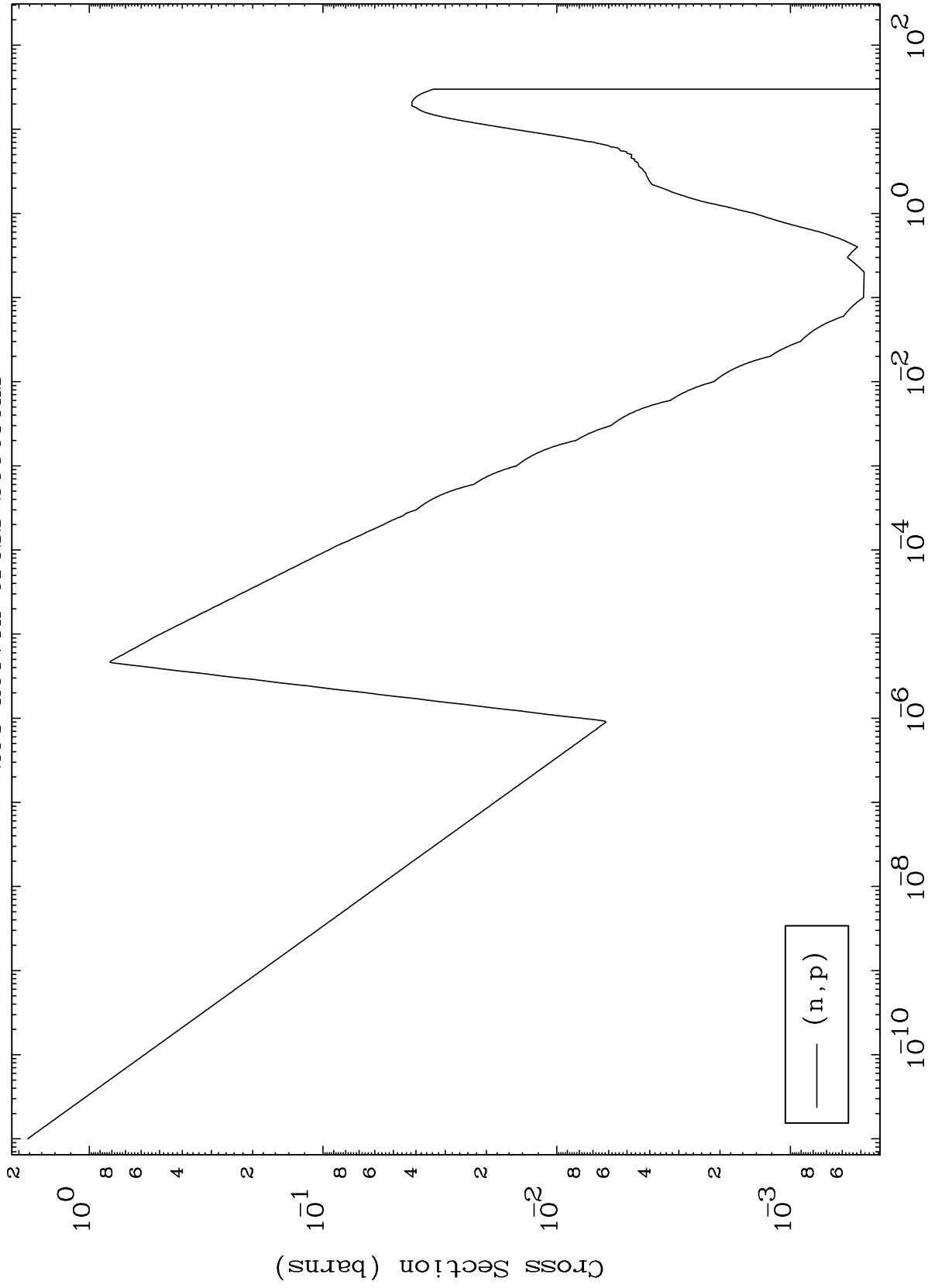
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-145



10

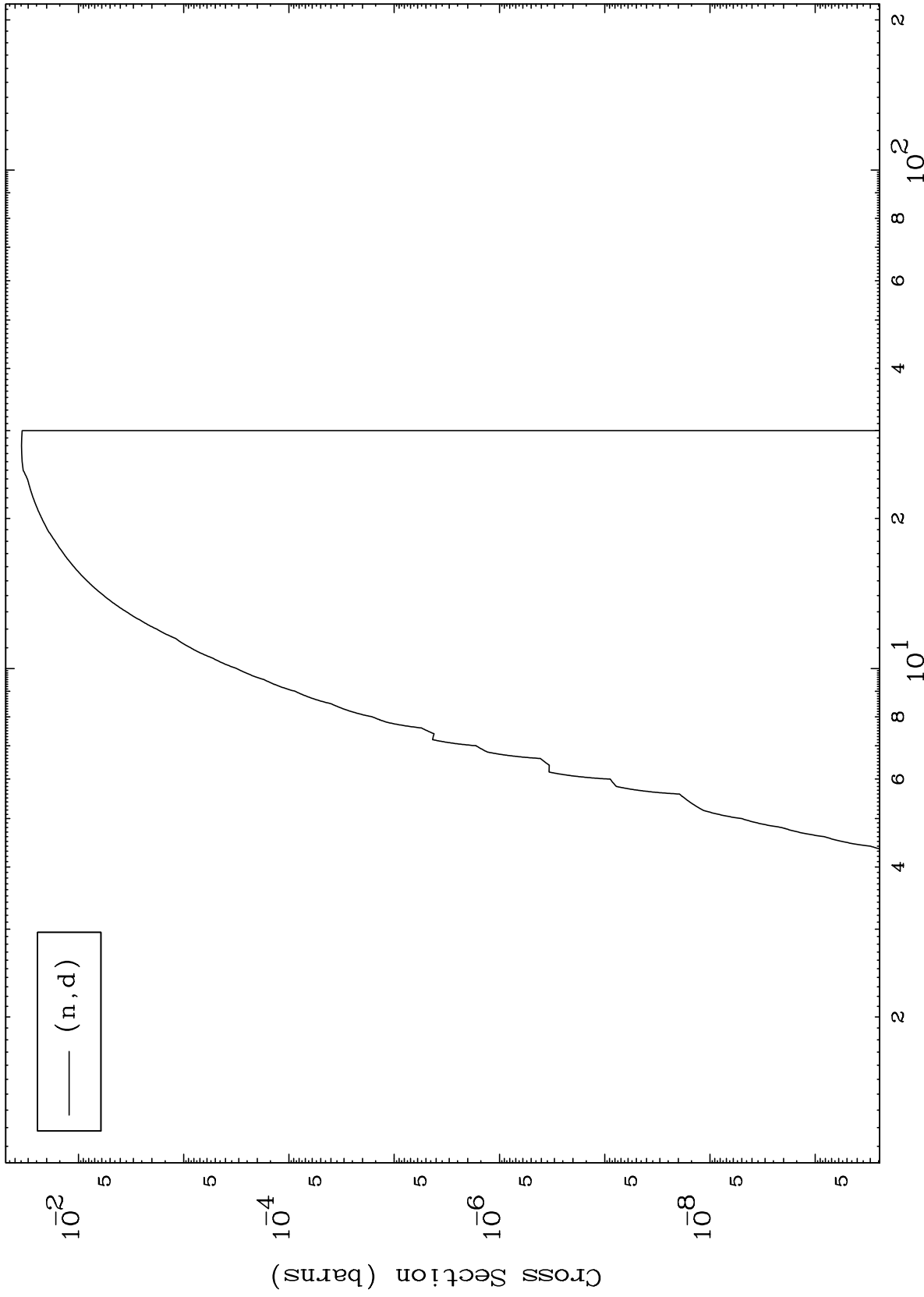
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,d) Levels
293 Kelvin Cross Sections

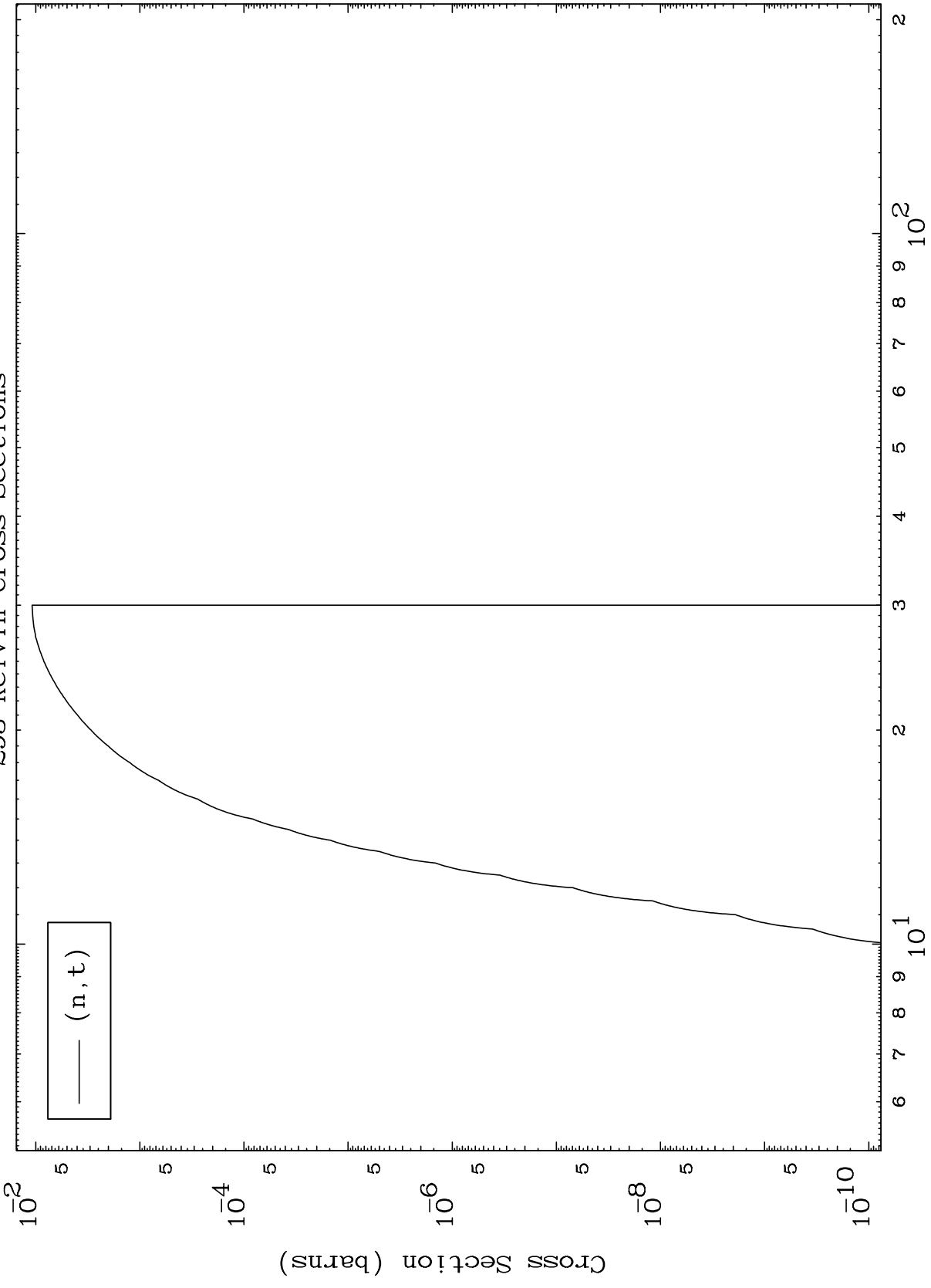
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MAT 6307

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-145



12

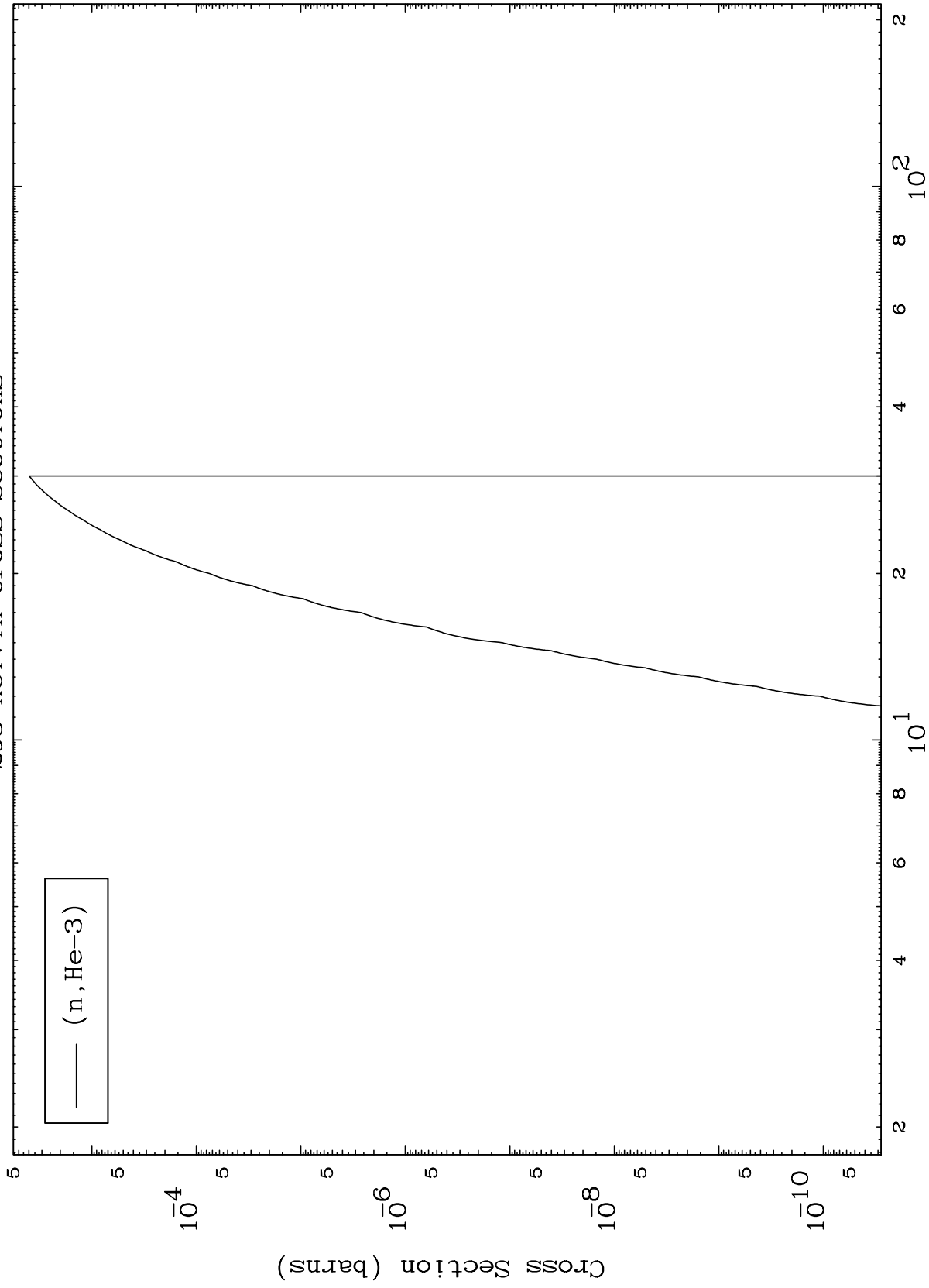
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-145



13

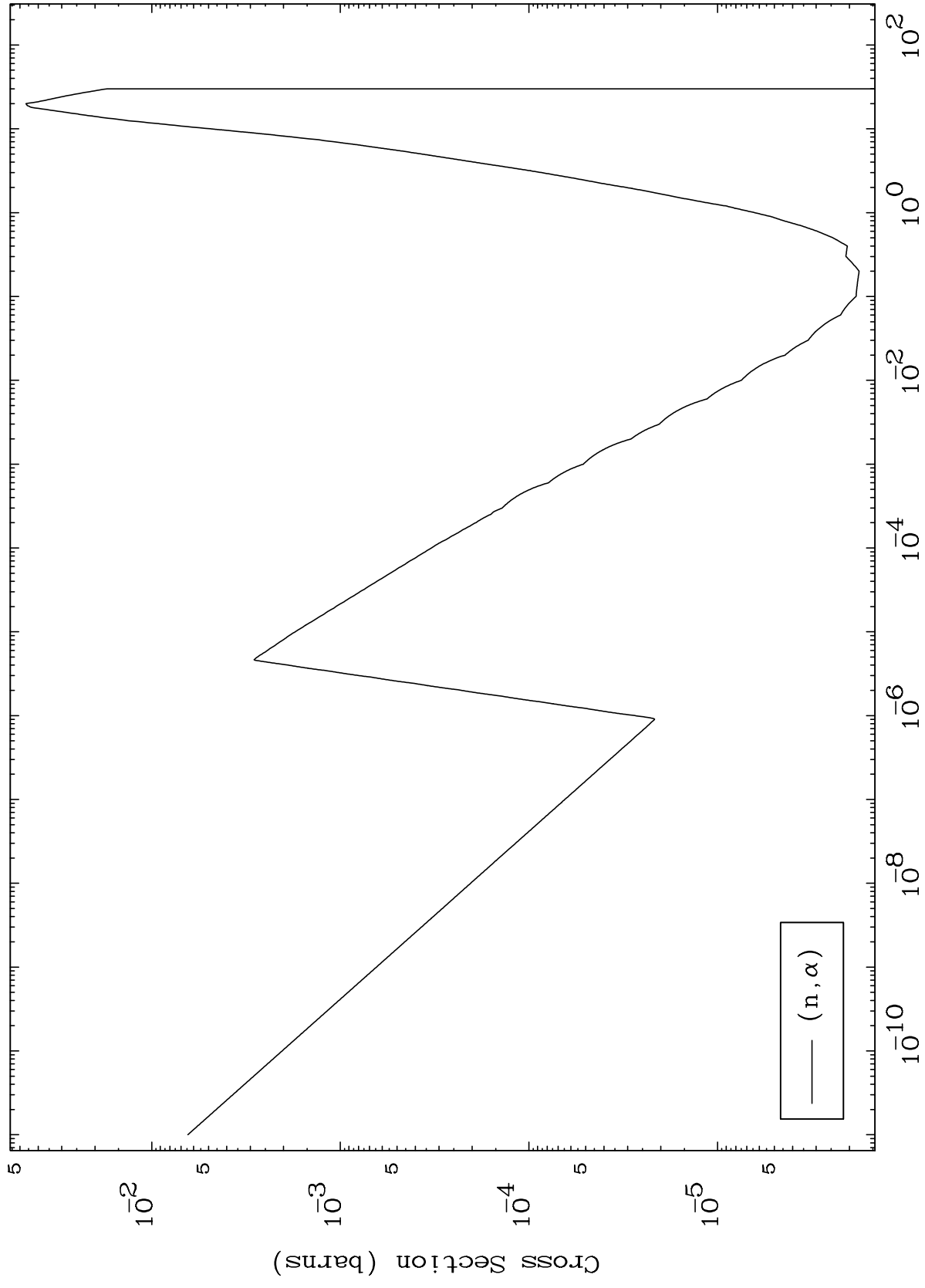
Incident Energy (MeV)

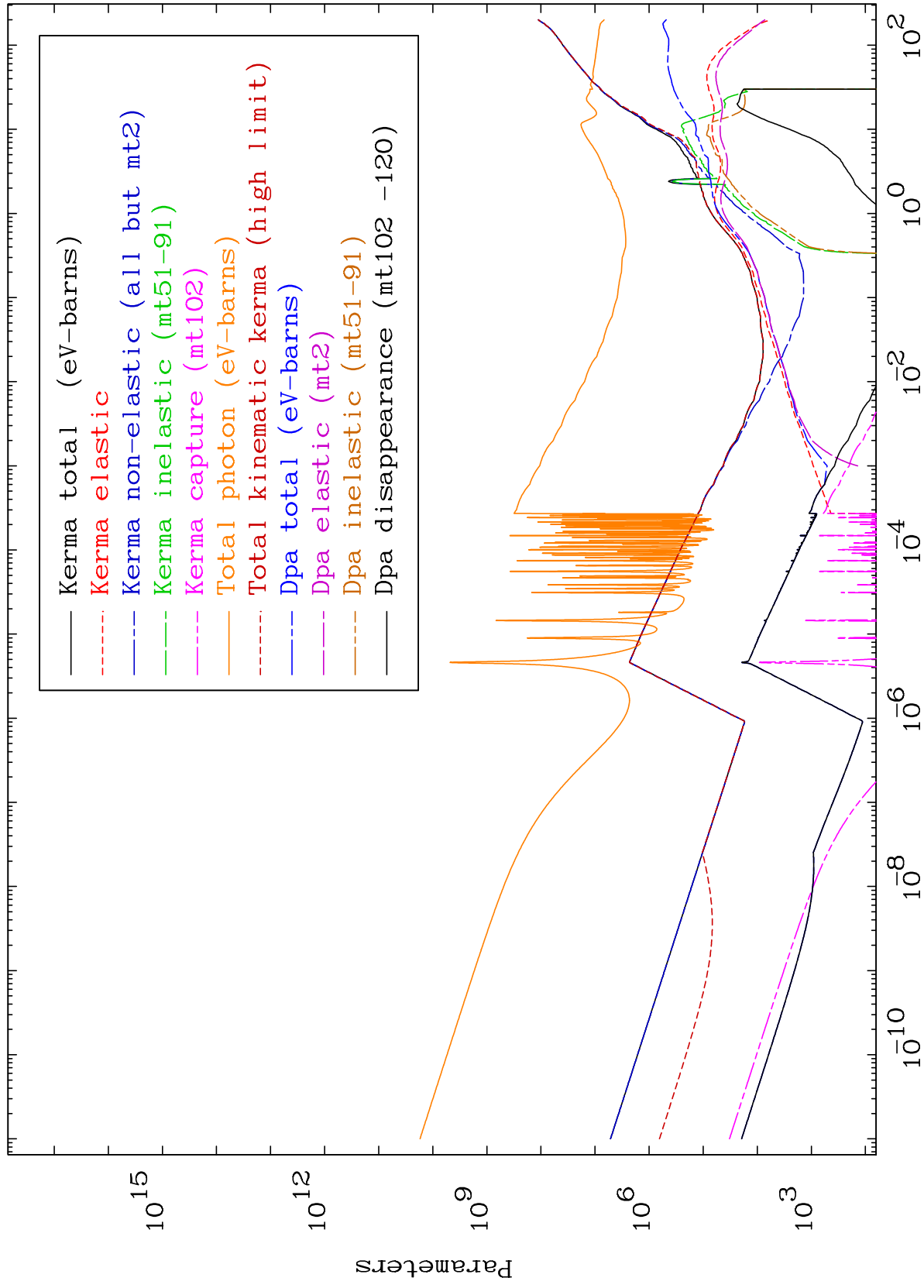
63-Eu-145

MAT 6307

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-145

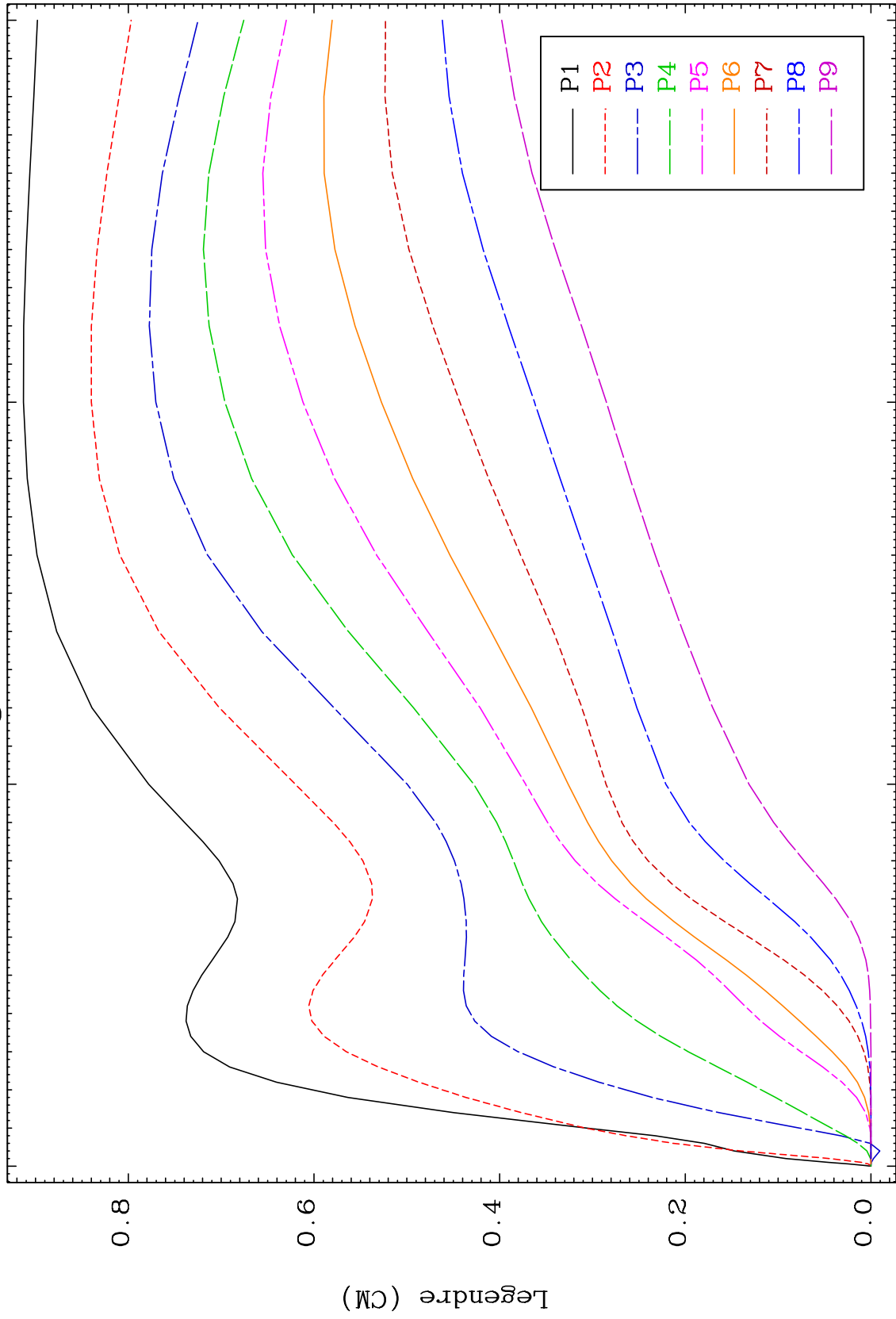




MAT 6307

Elastic Legendre Coefficients

63-Eu-145



16

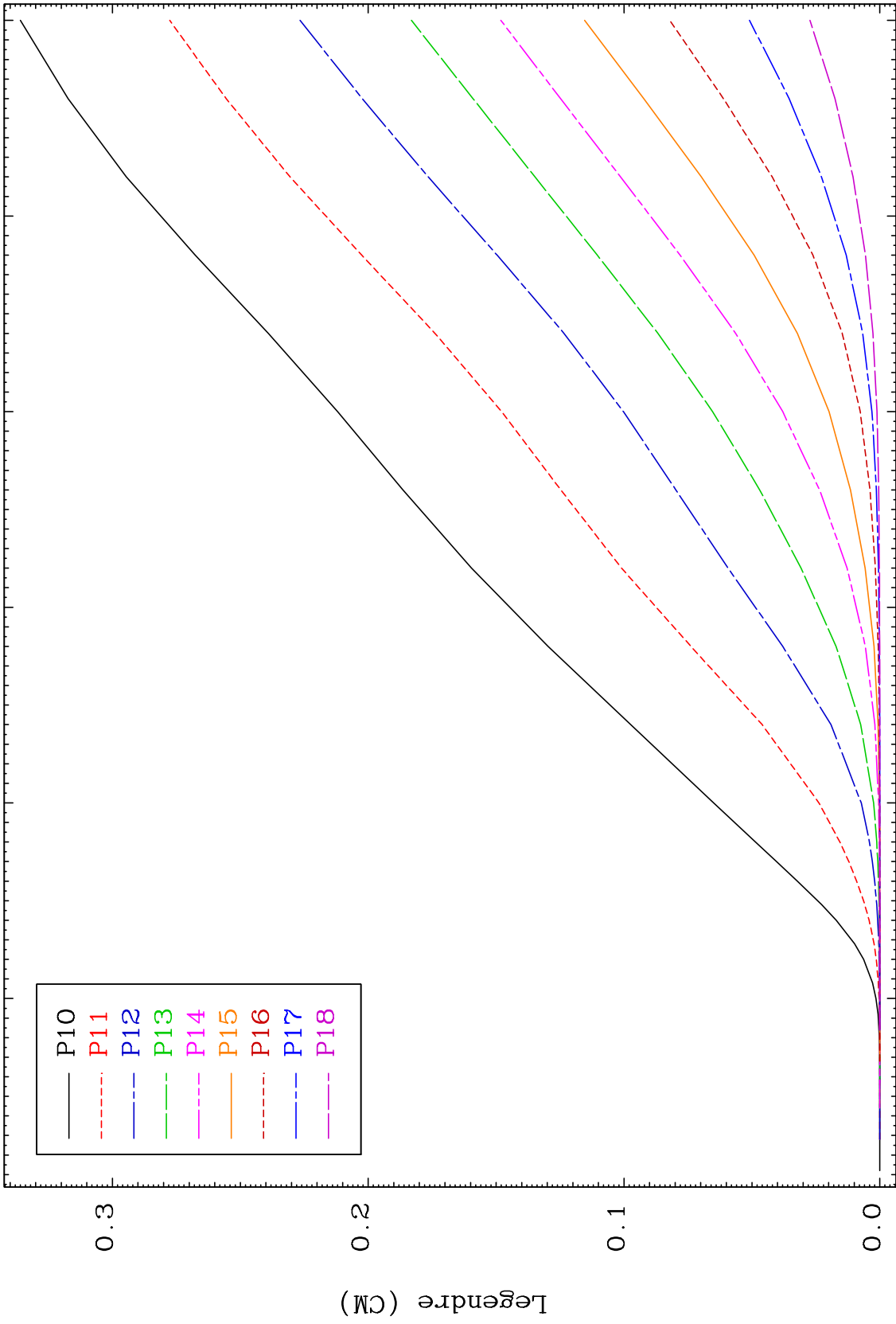
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



17

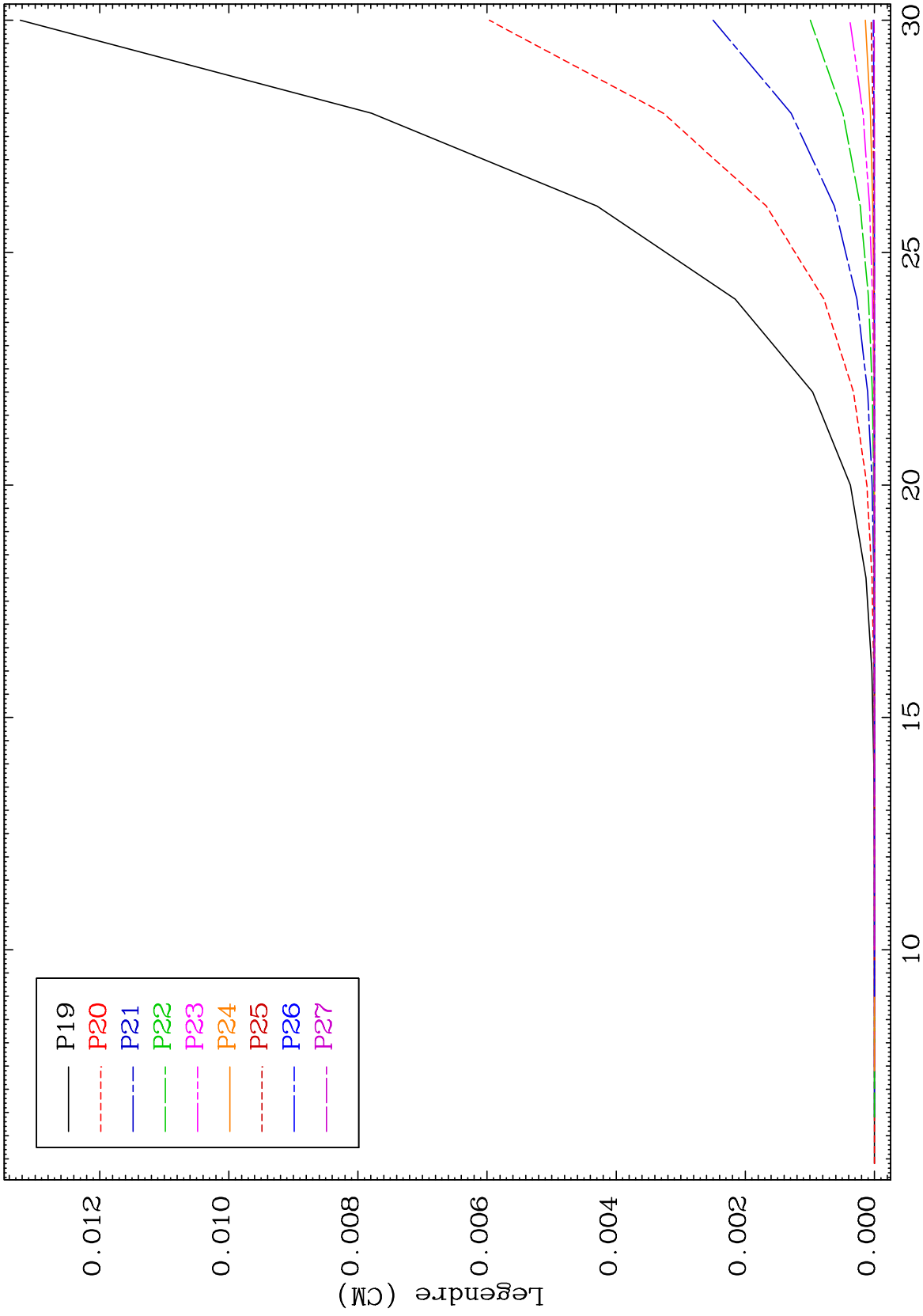
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



18

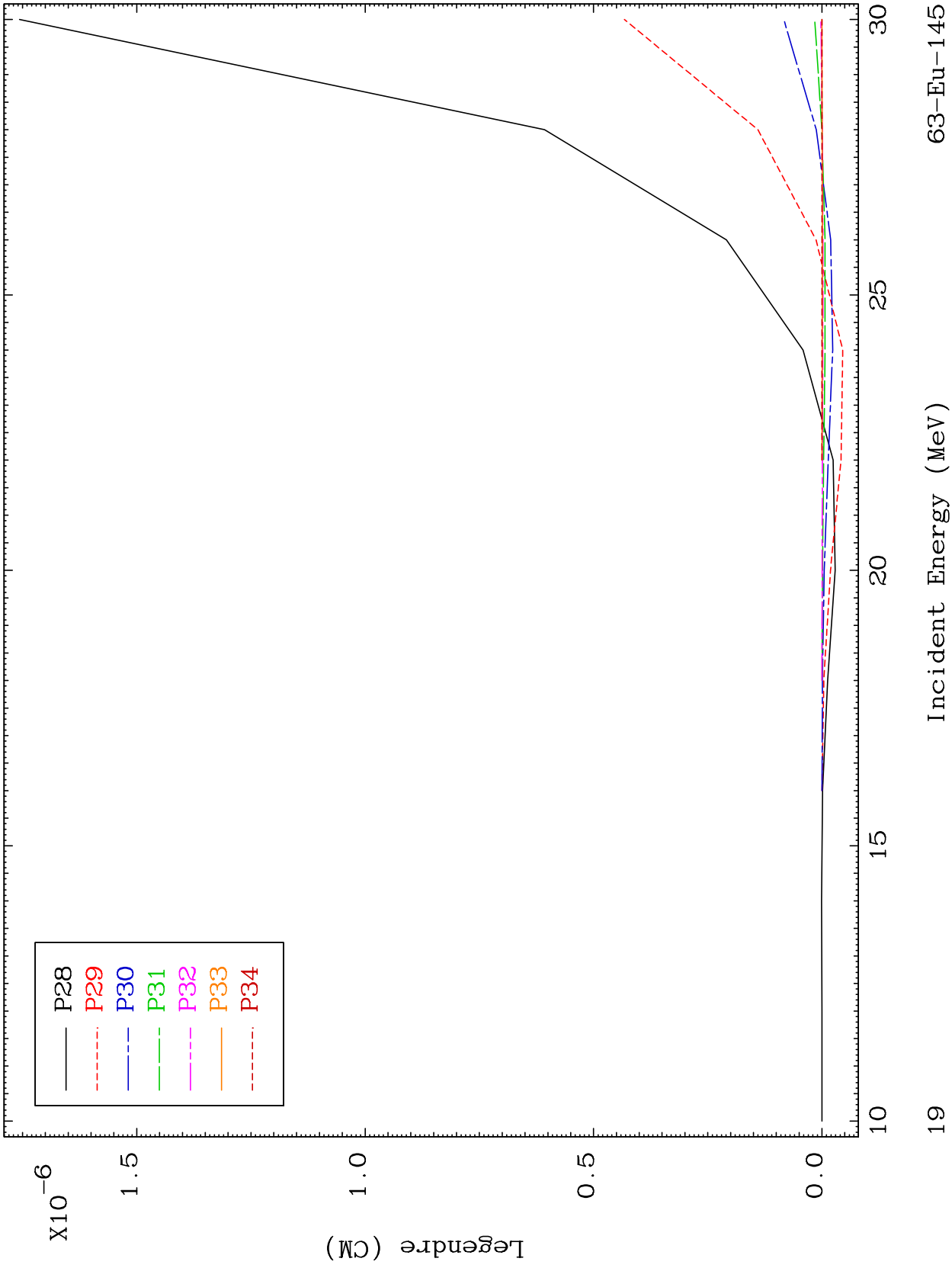
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



19

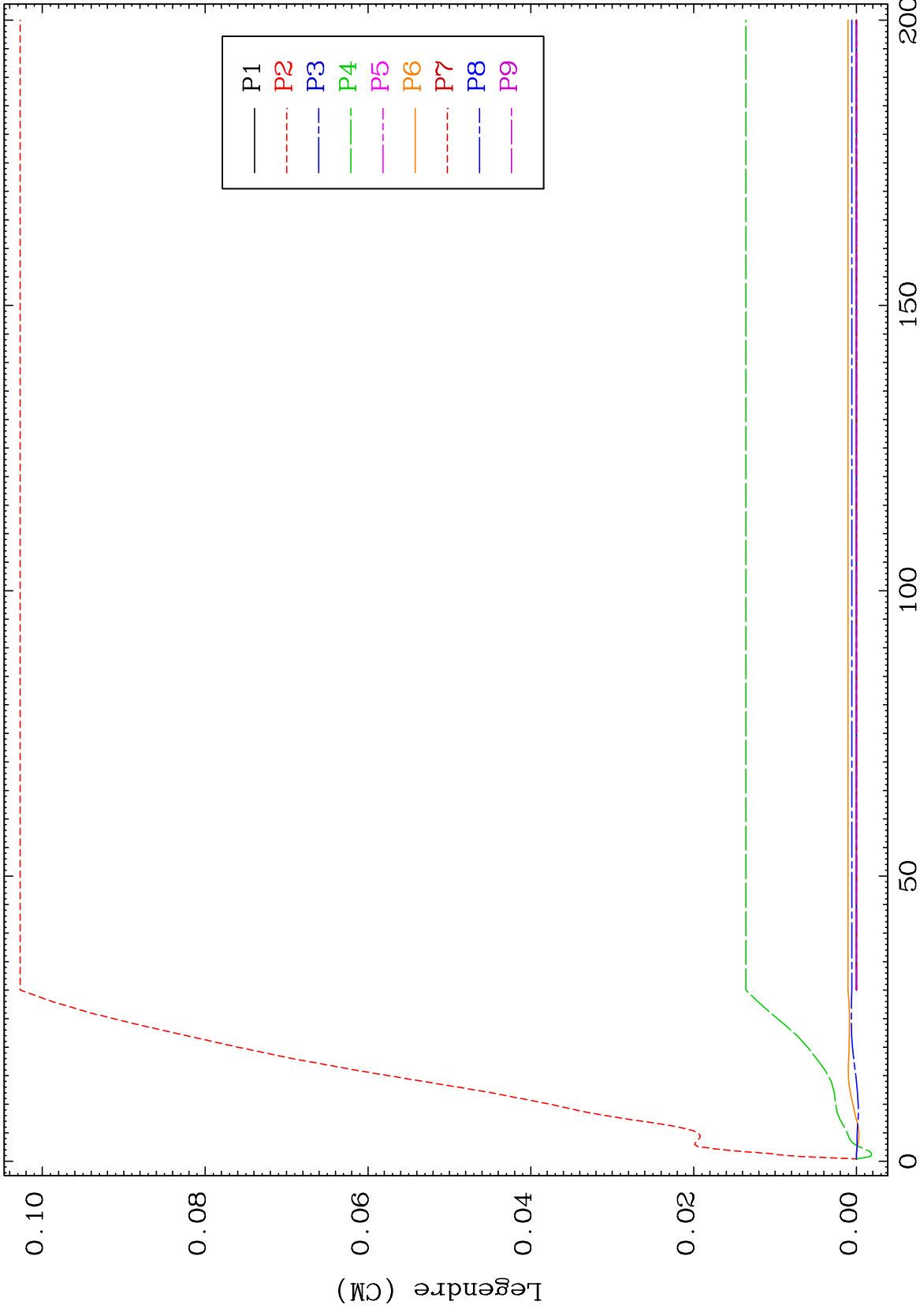
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

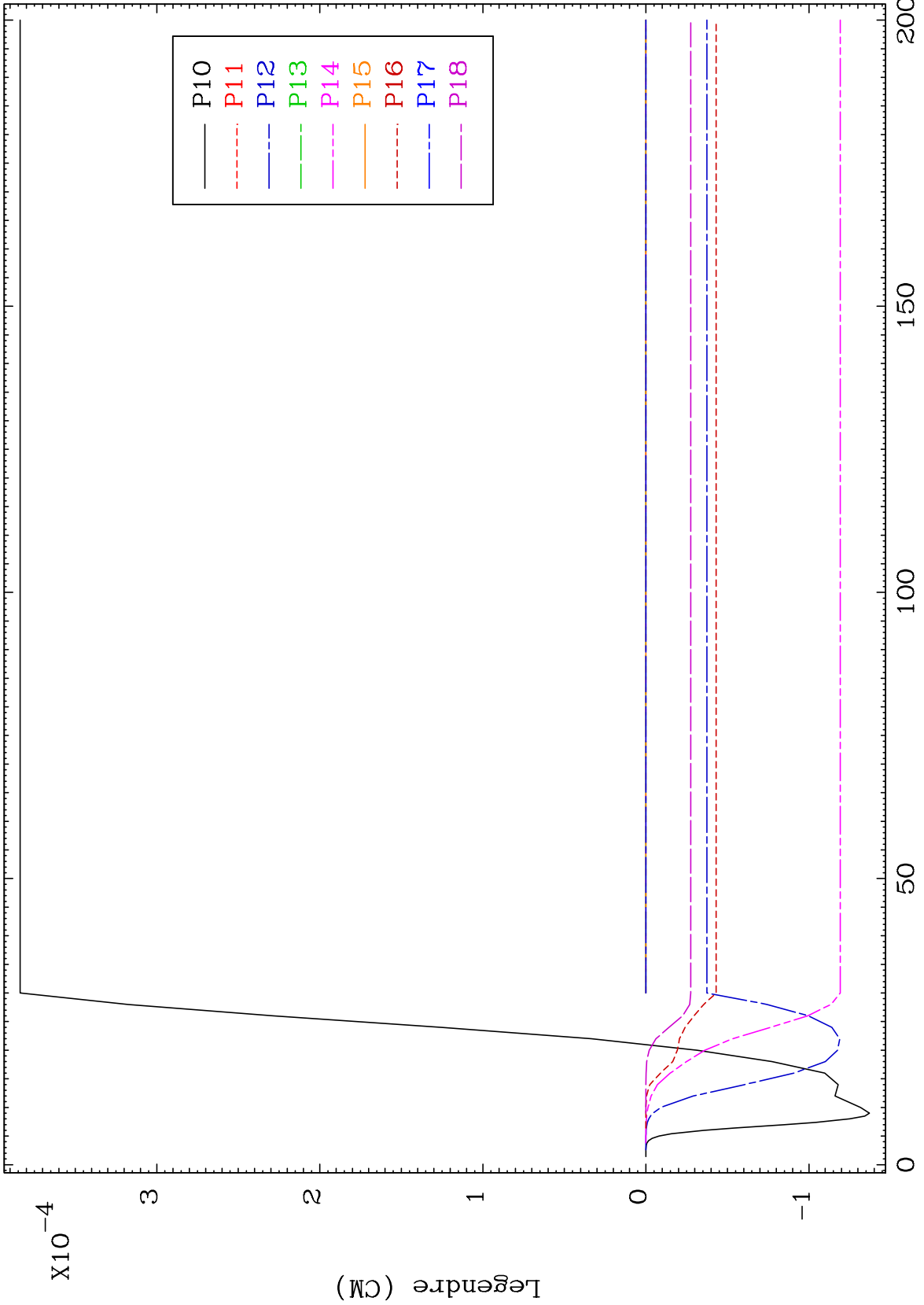
Incident Energy (MeV)

Legendre (CM)

MAT 6307

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

63-Eu-145



21

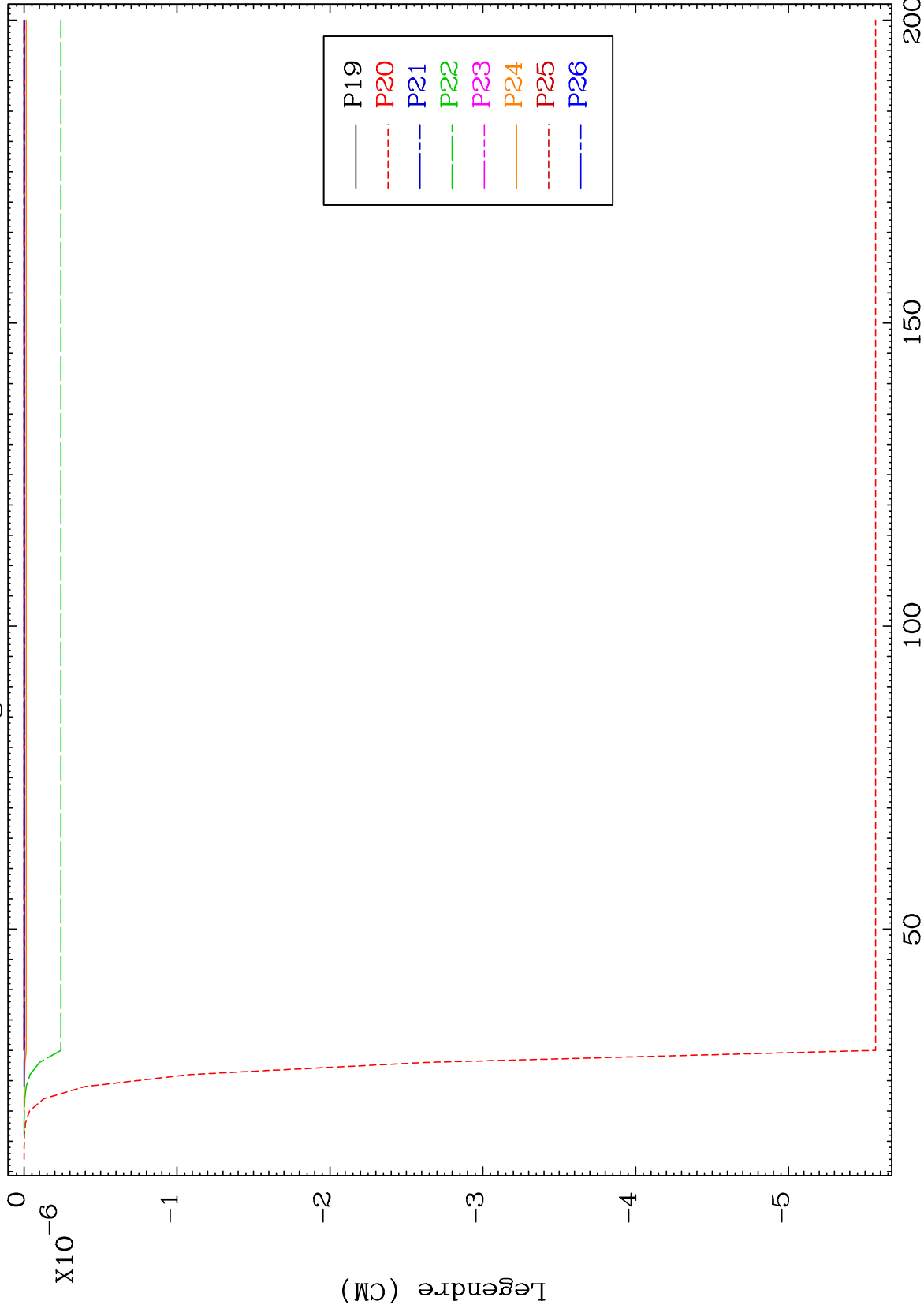
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

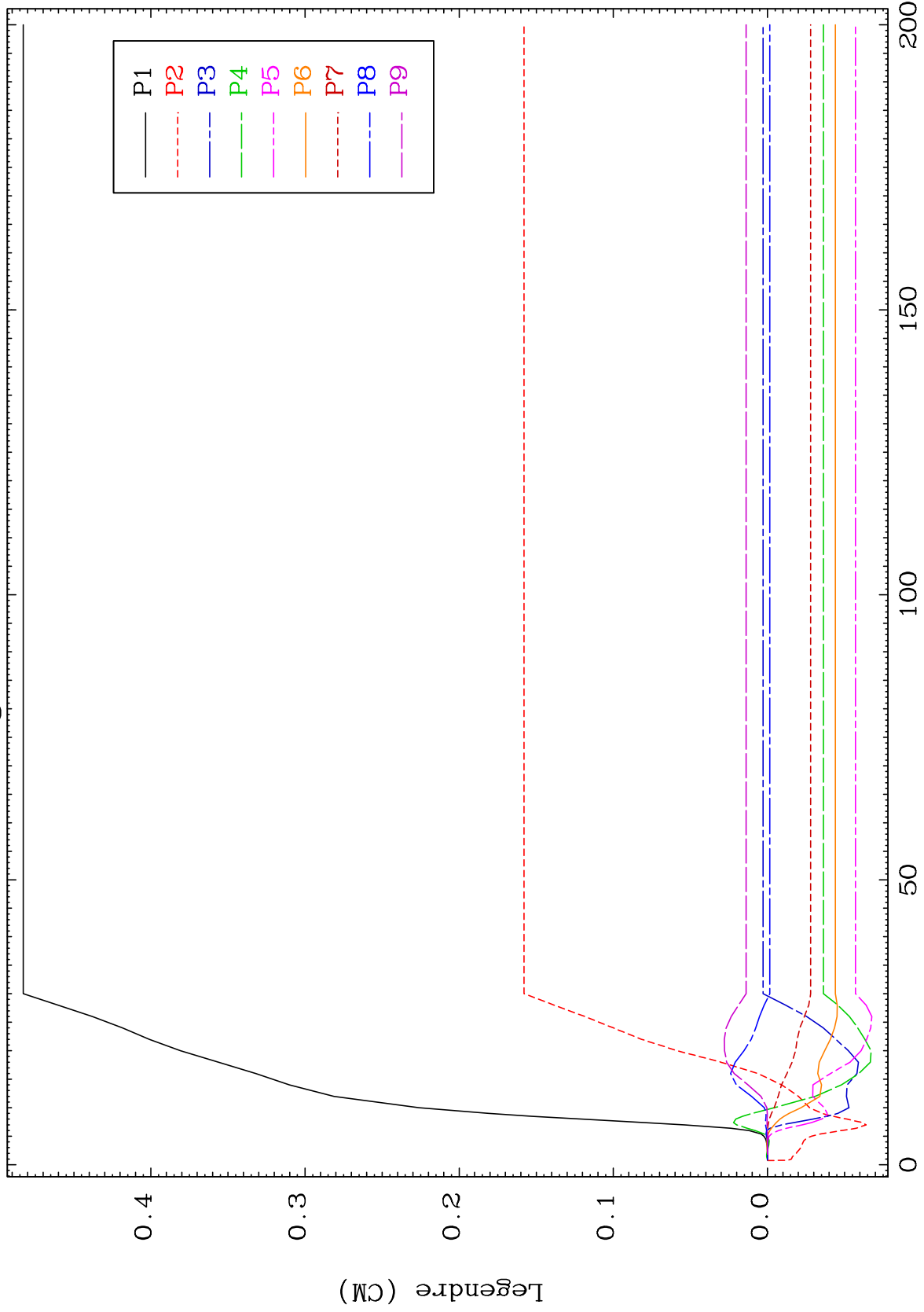
Incident Energy (MeV)

22

MAT 6307

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

63-Eu-145



23

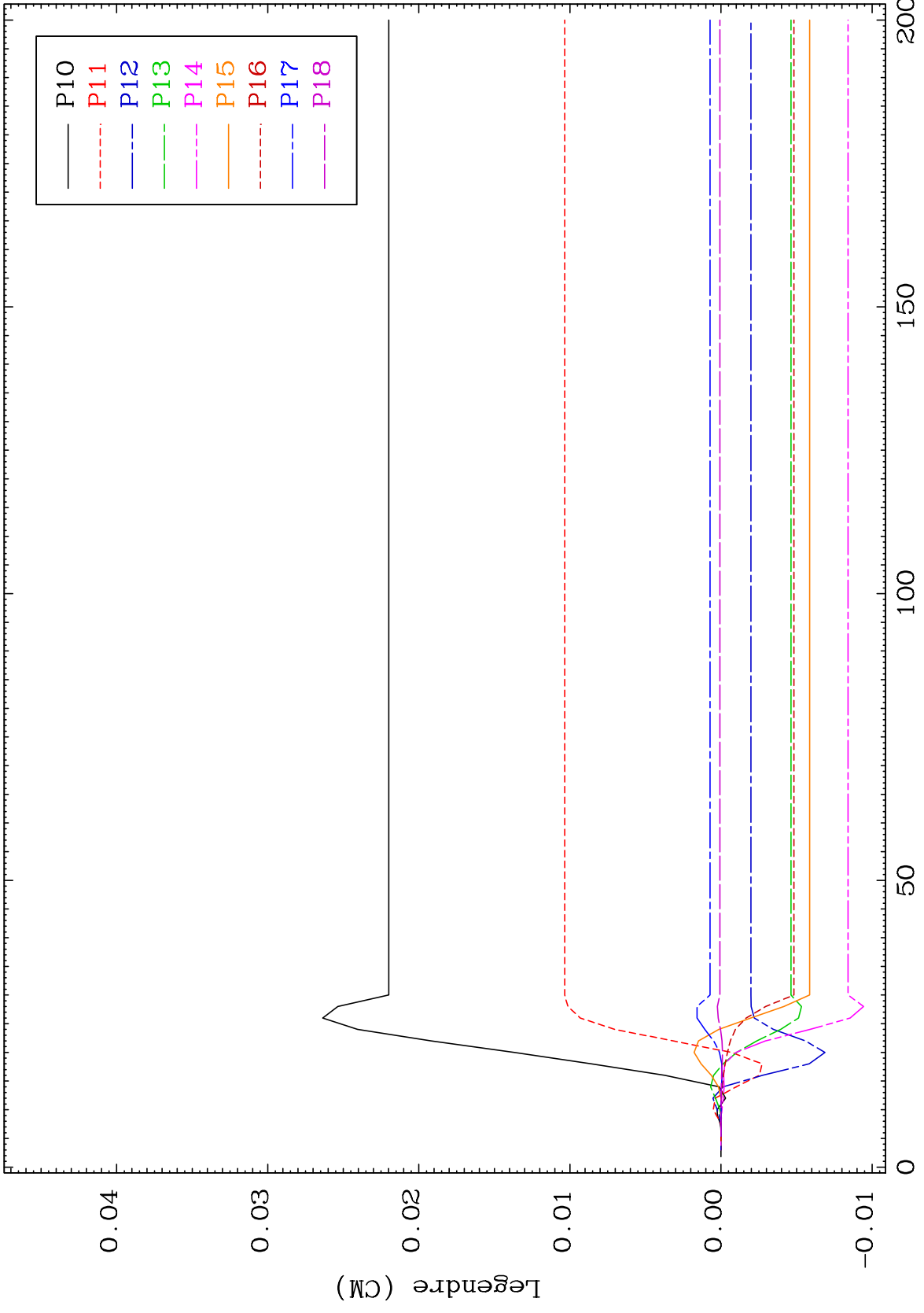
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



24

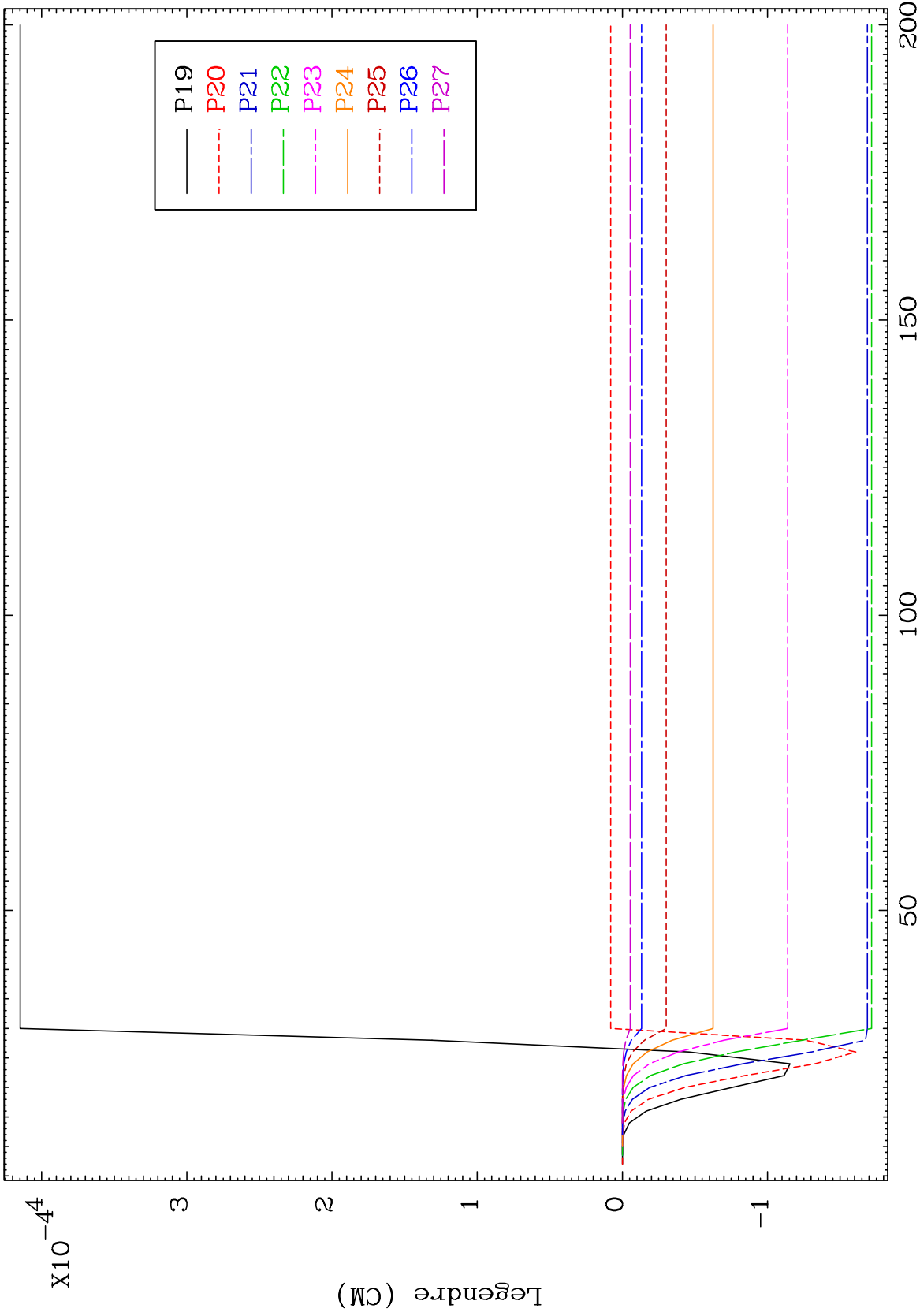
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



25

Incident Energy (MeV)

50

100

150

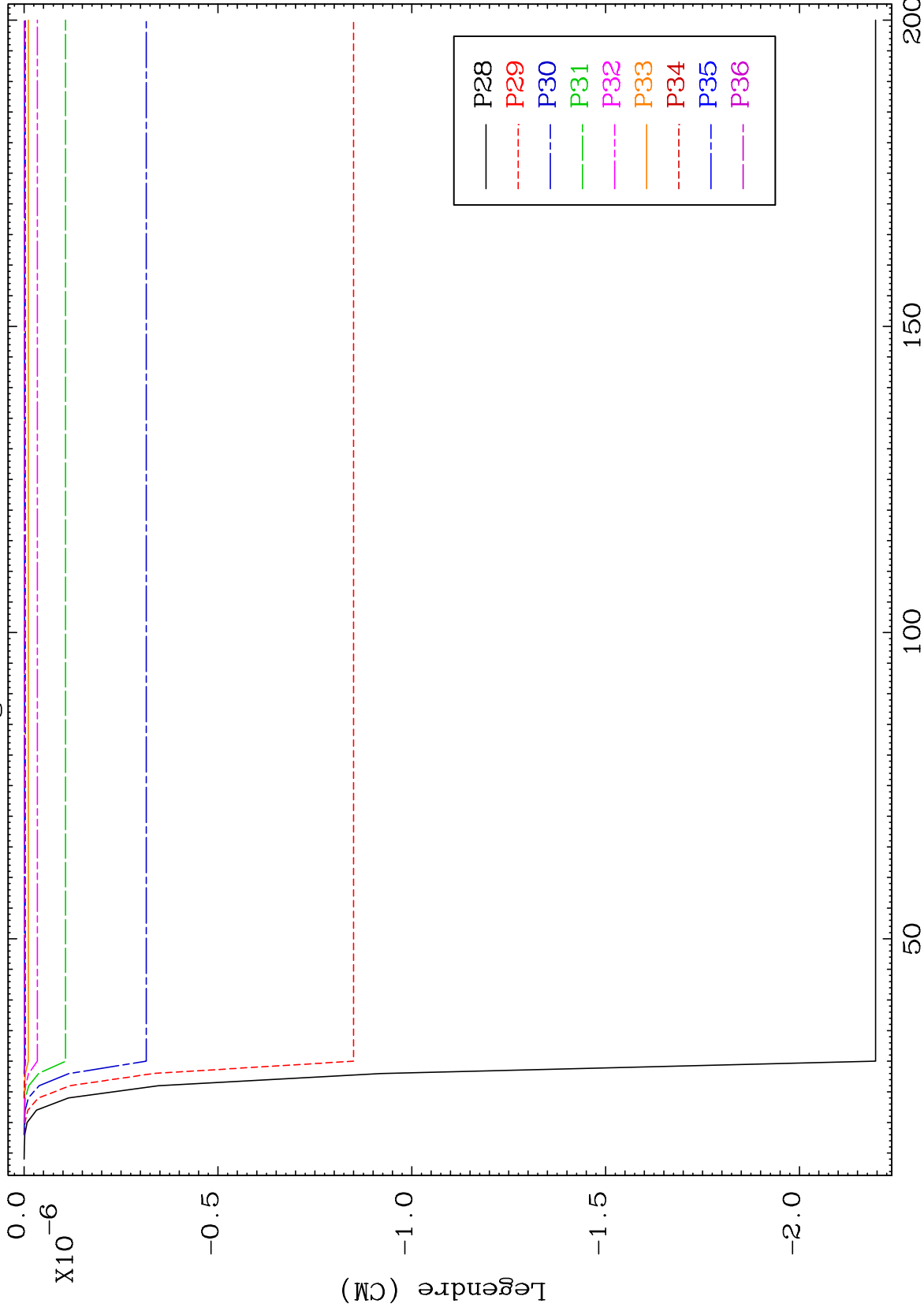
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63-Eu-145

MAT 6307

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

63-Eu-145



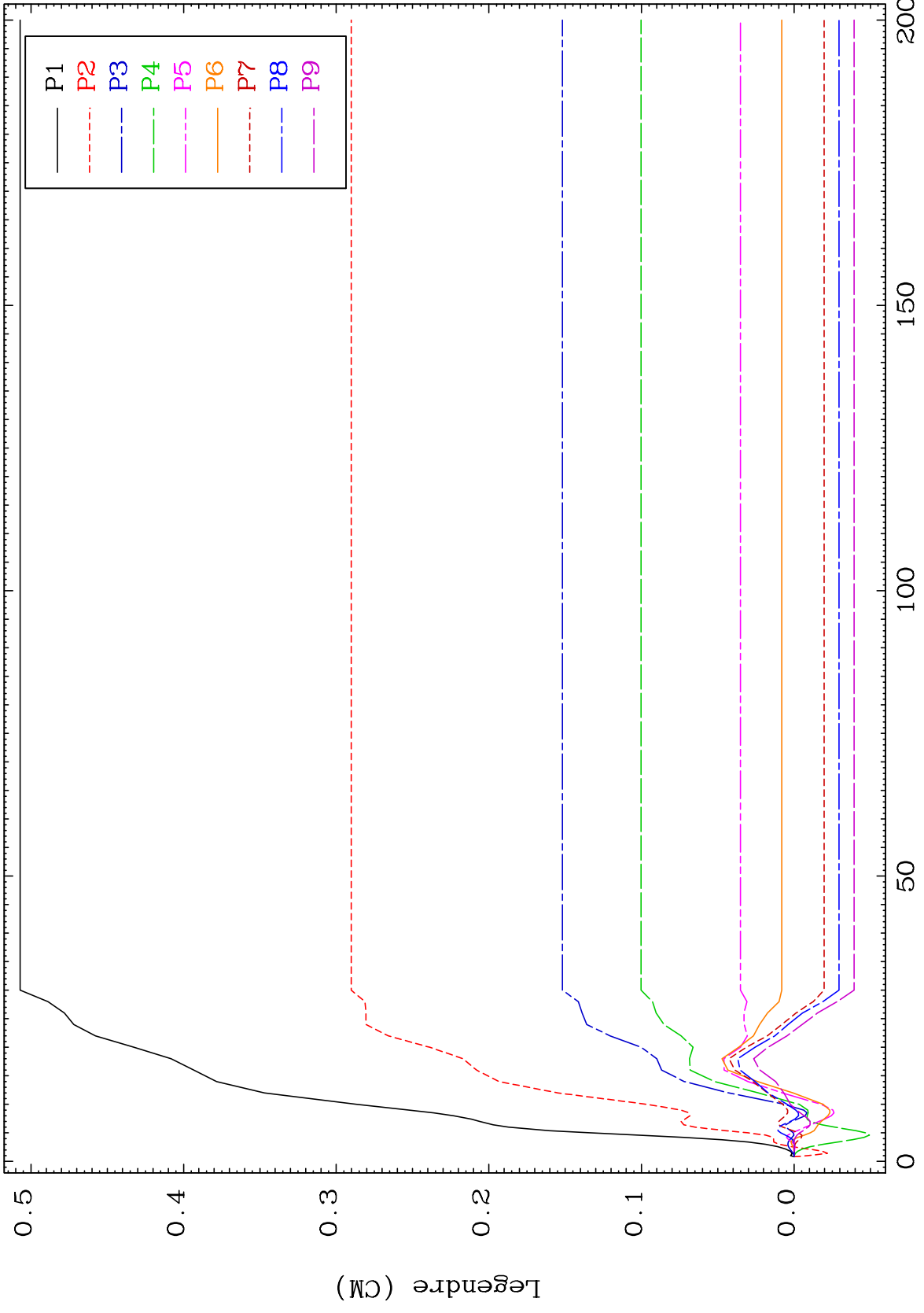
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63-Eu-145

MAT 6307

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

63-Eu-145



27

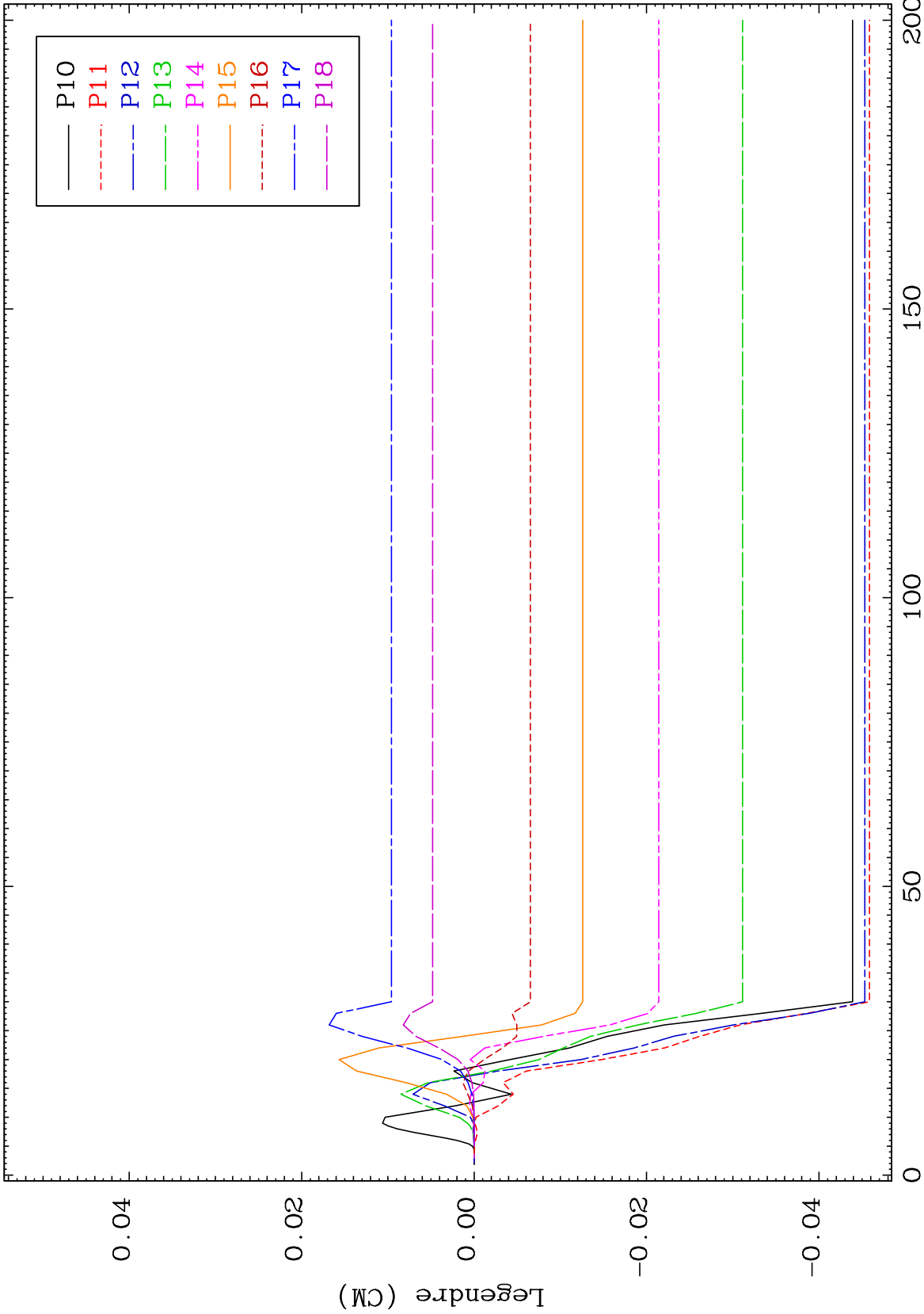
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



28

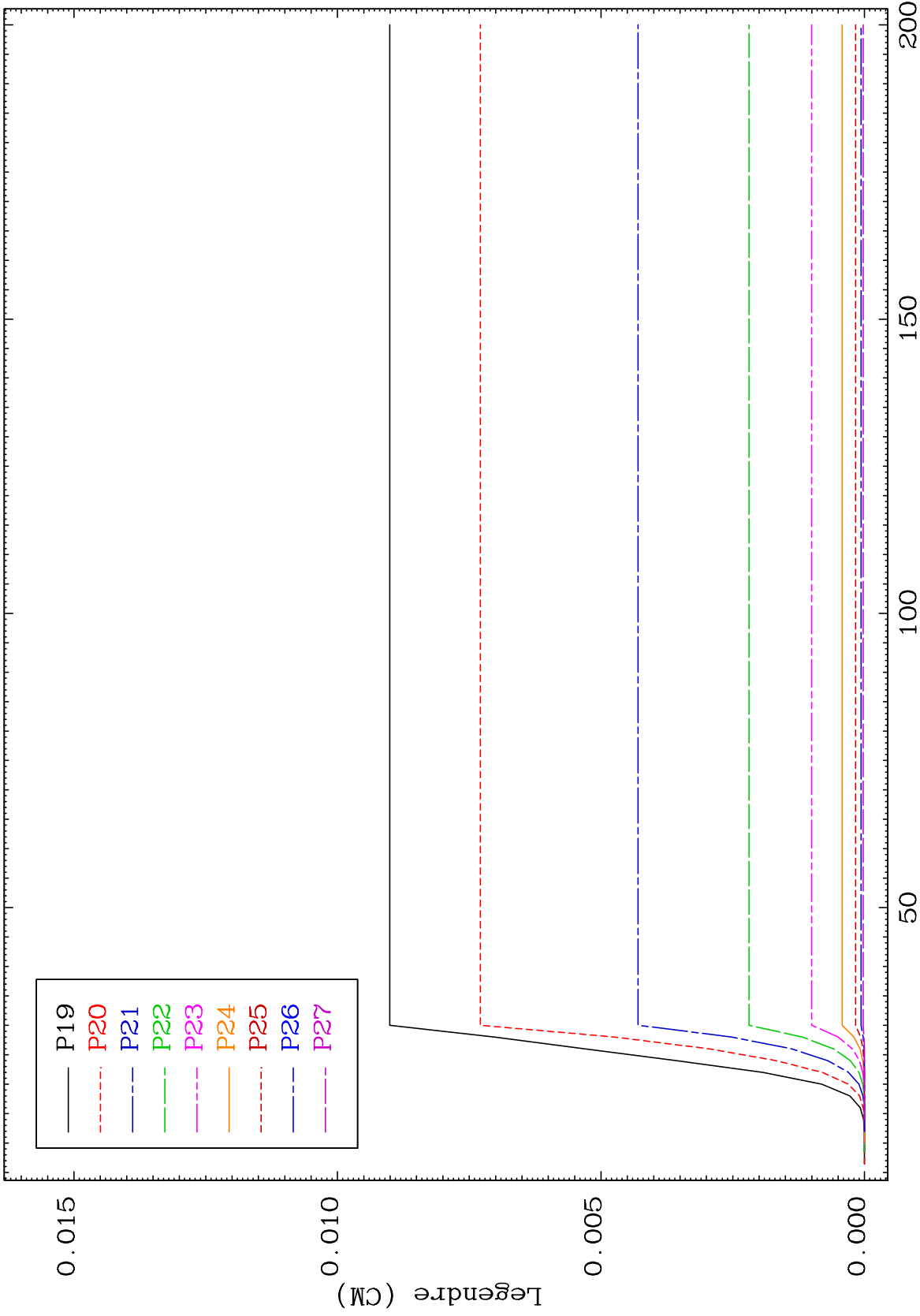
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



29

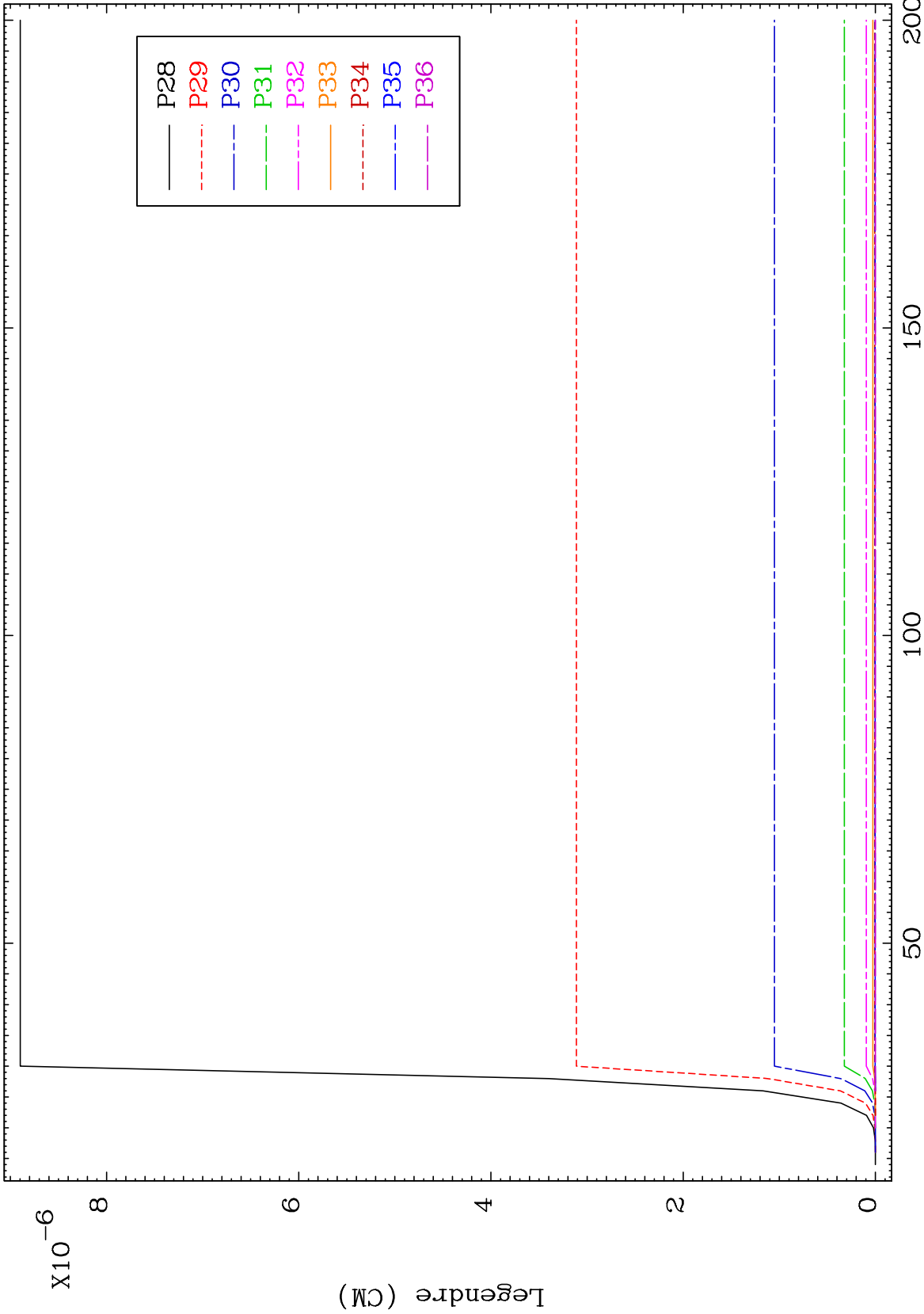
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



30

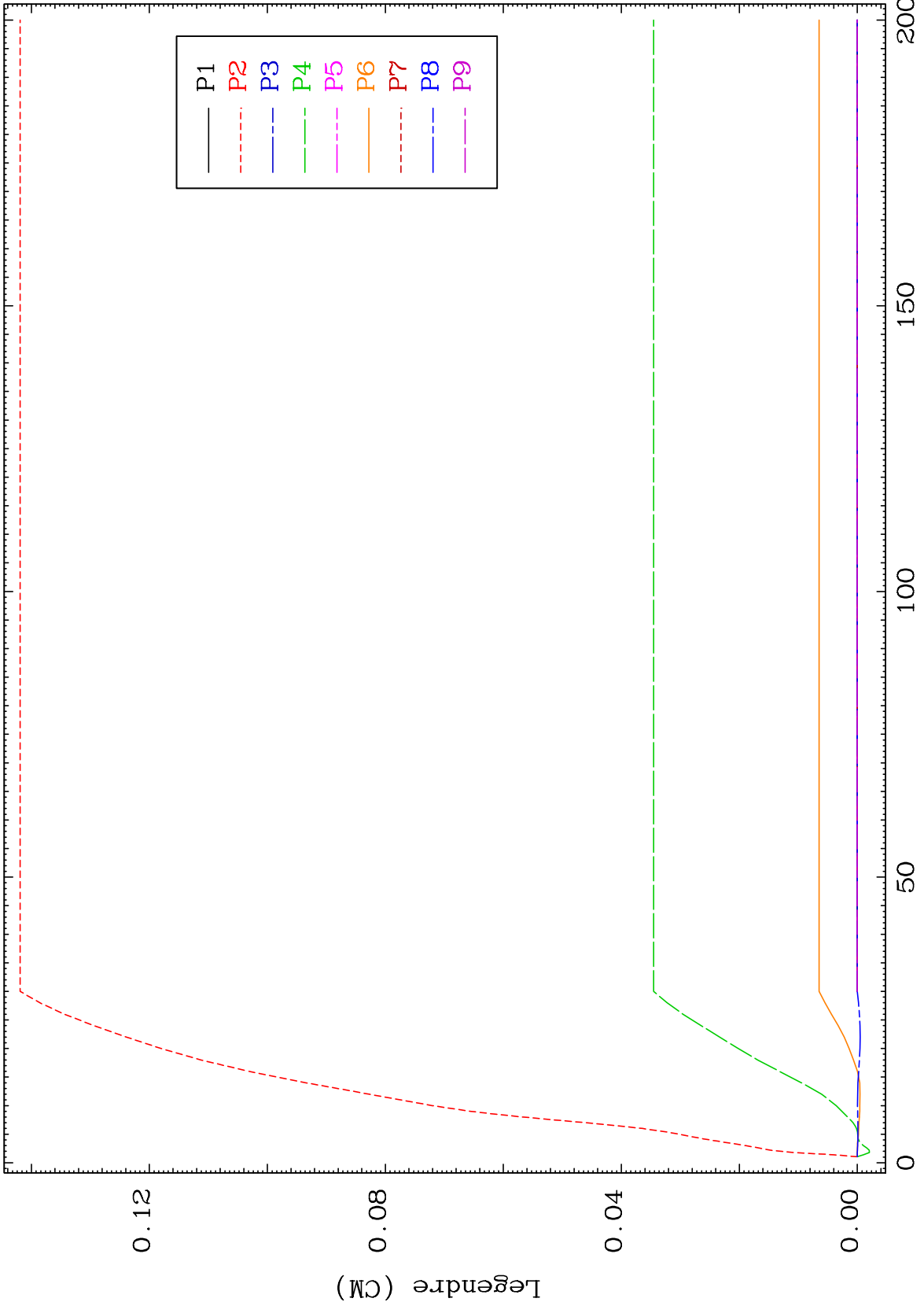
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



31

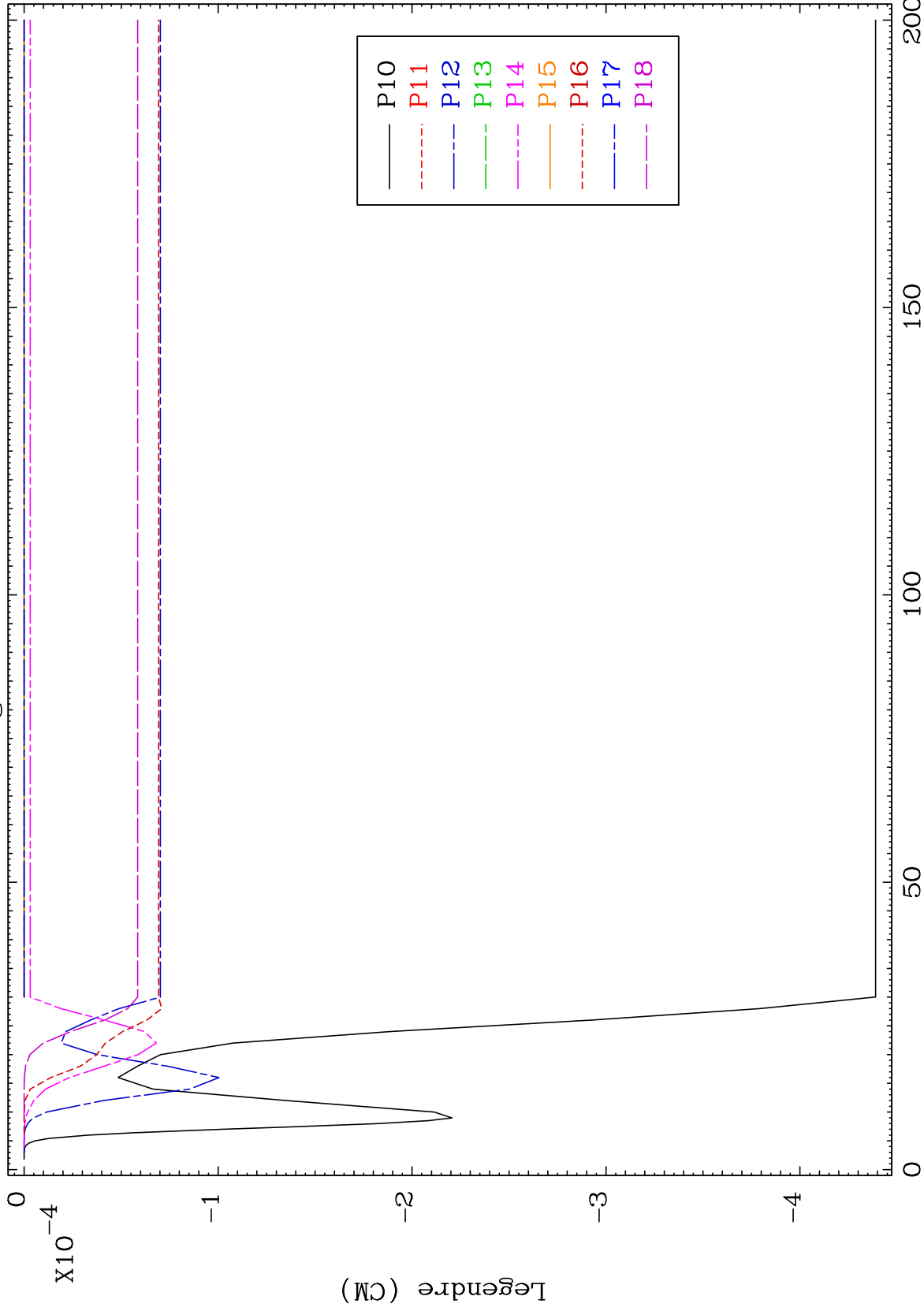
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



32

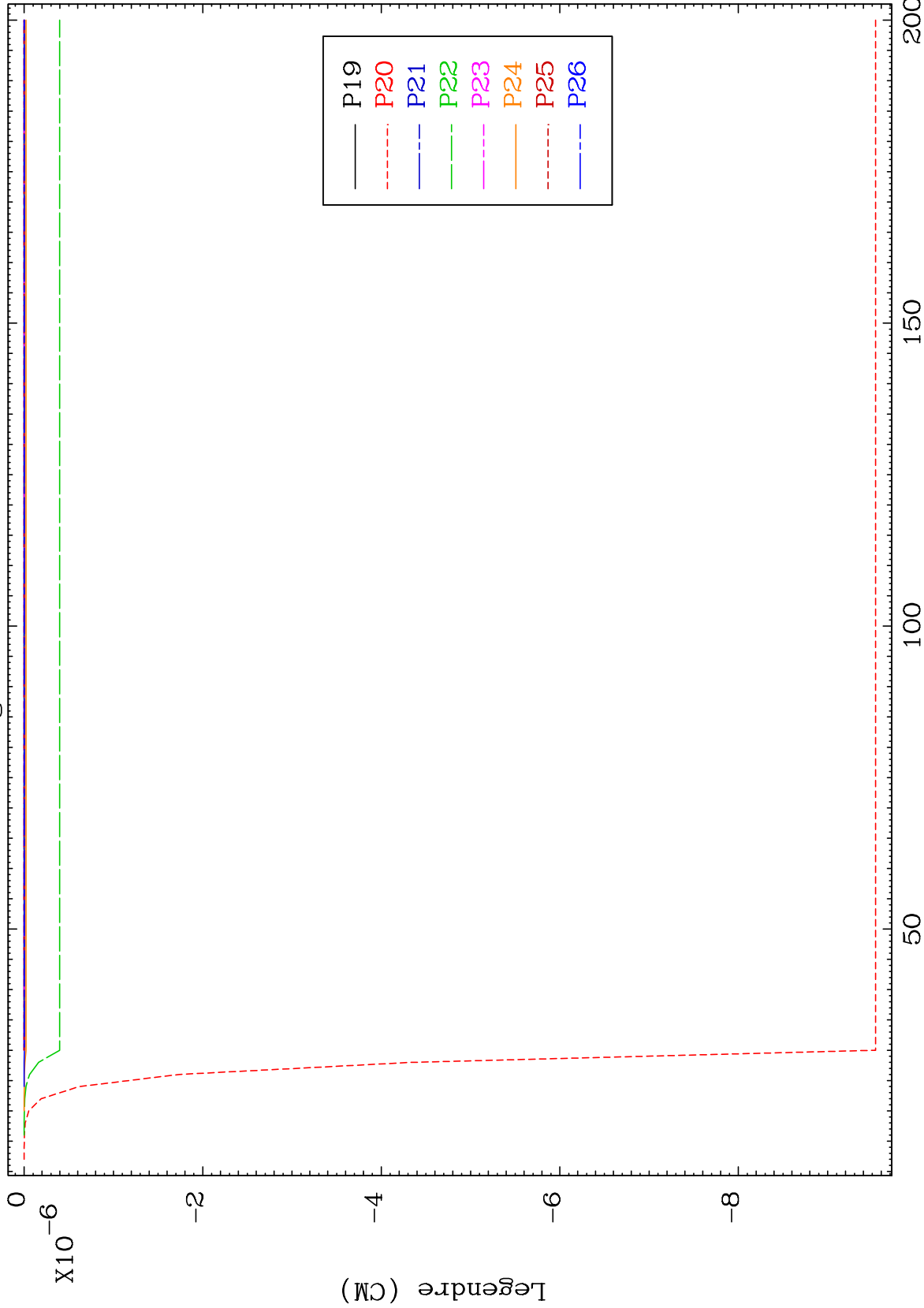
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



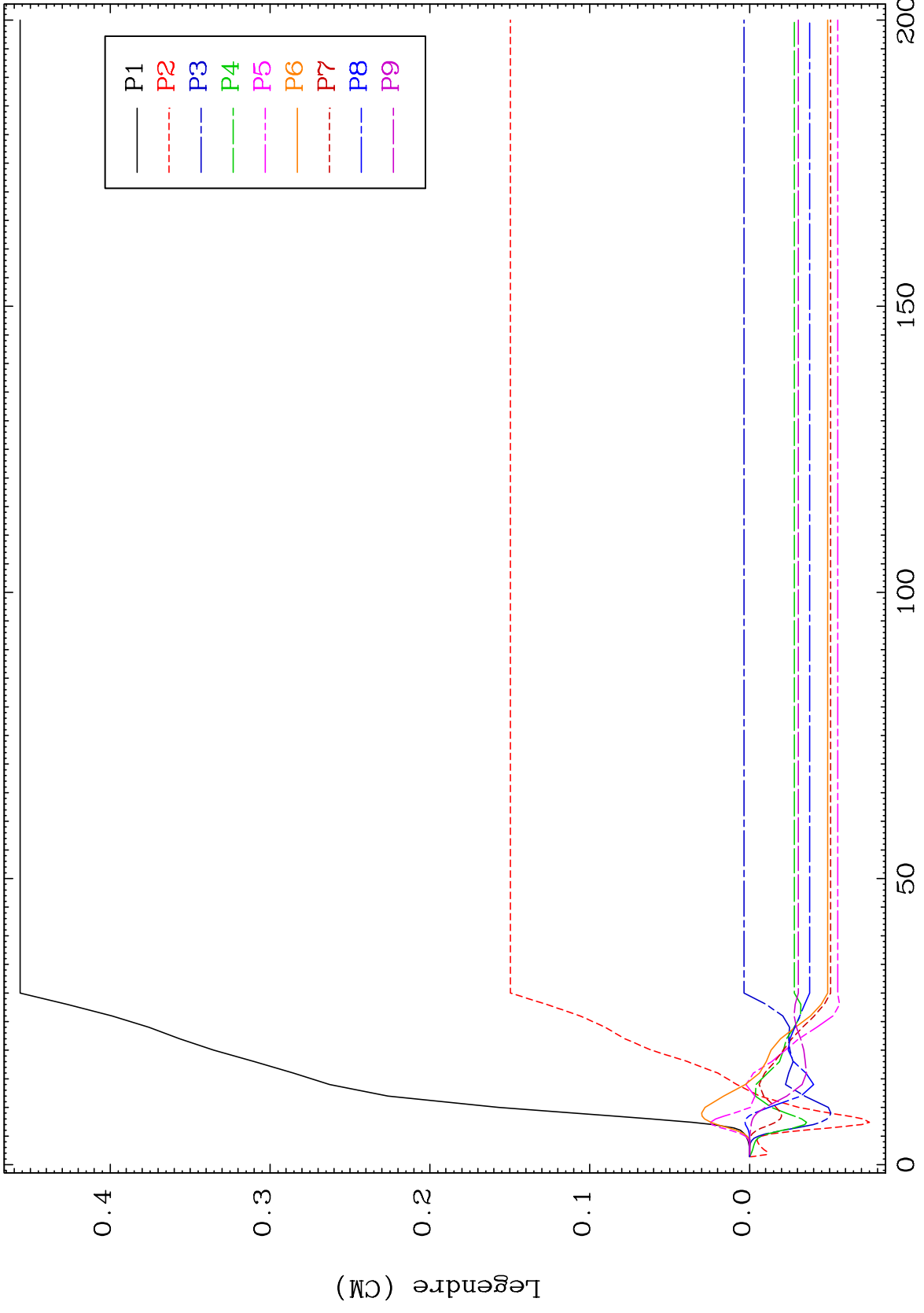
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63-Eu-145

MAT 6307

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

63-Eu-145



34

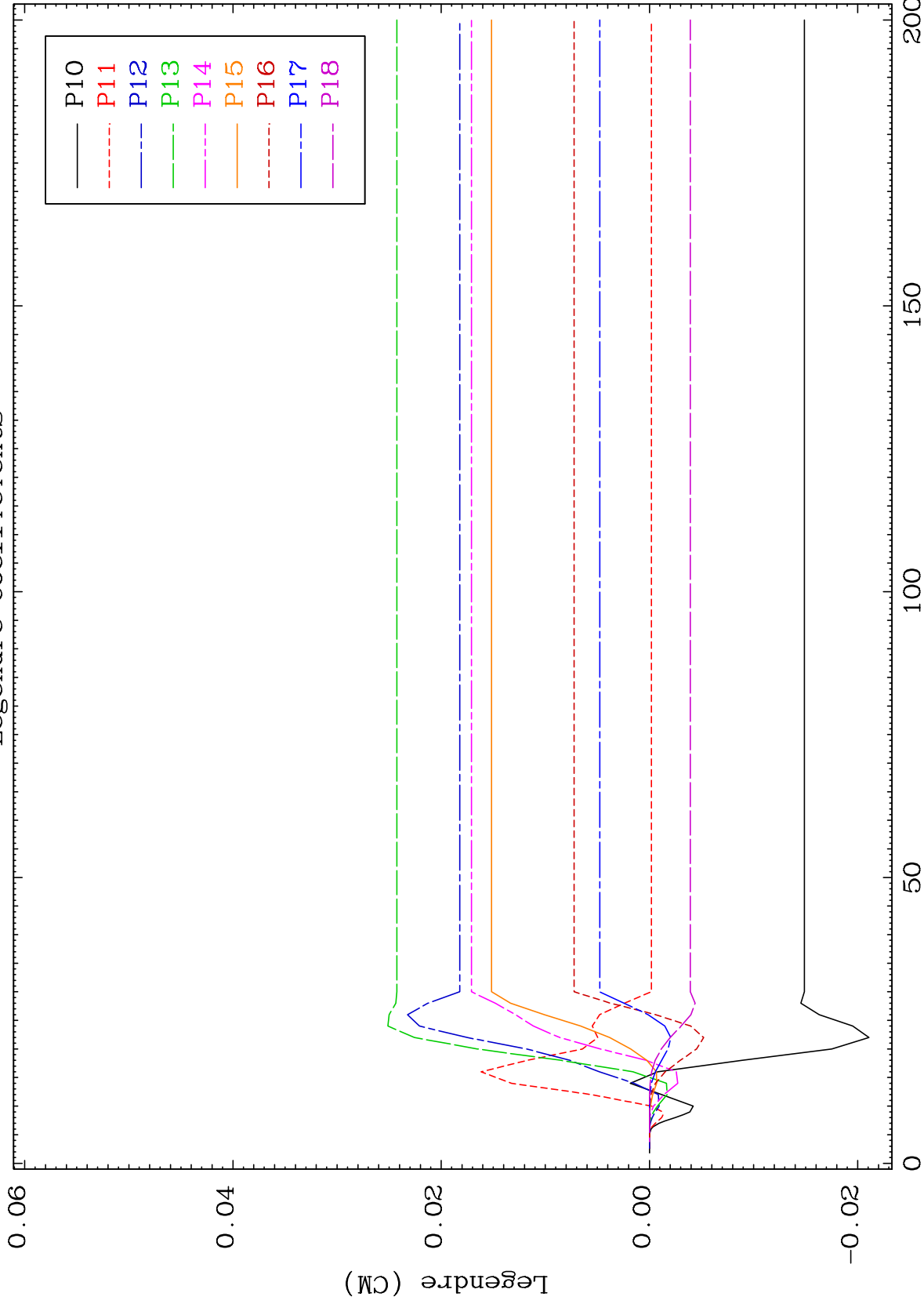
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



35

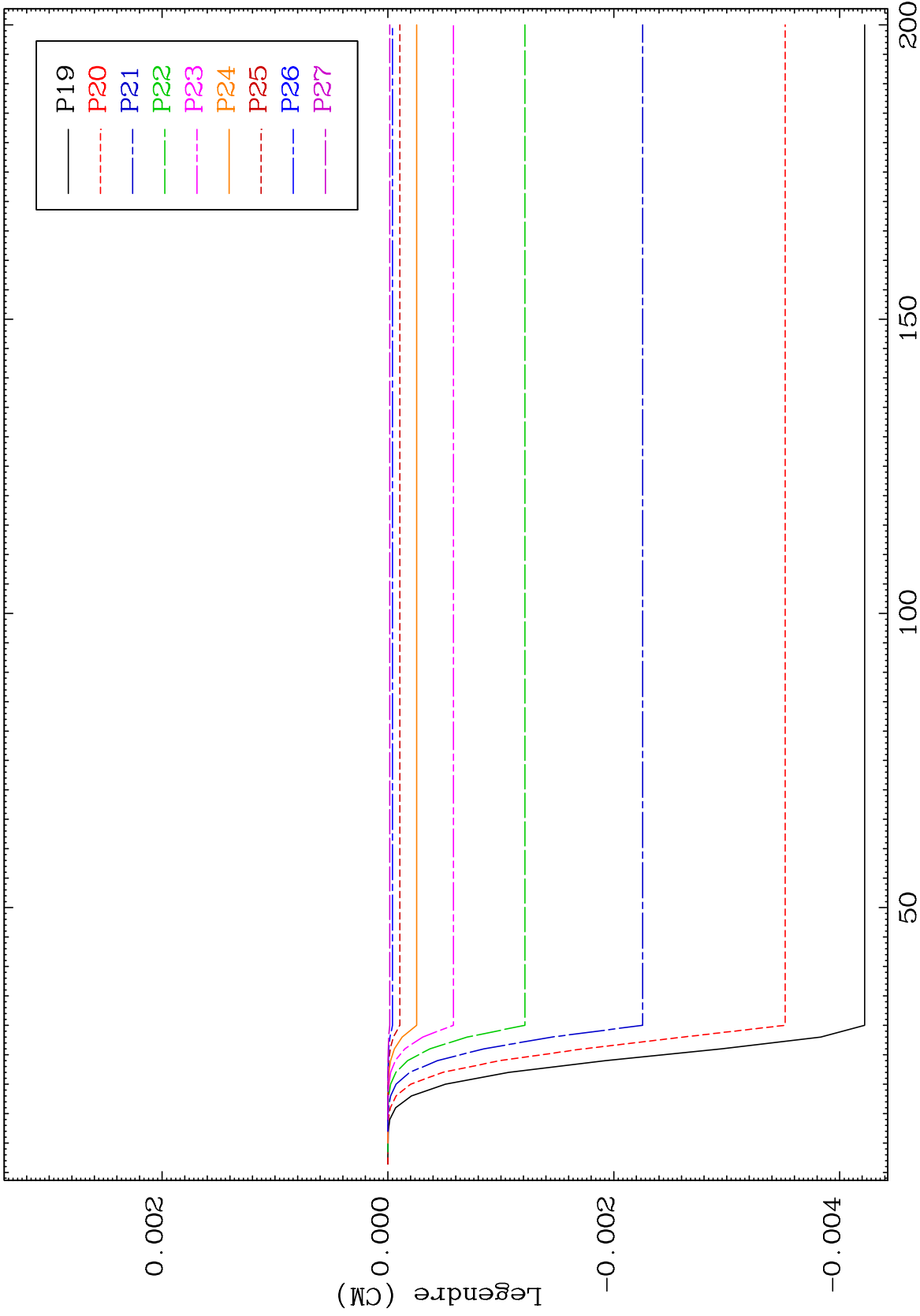
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



36

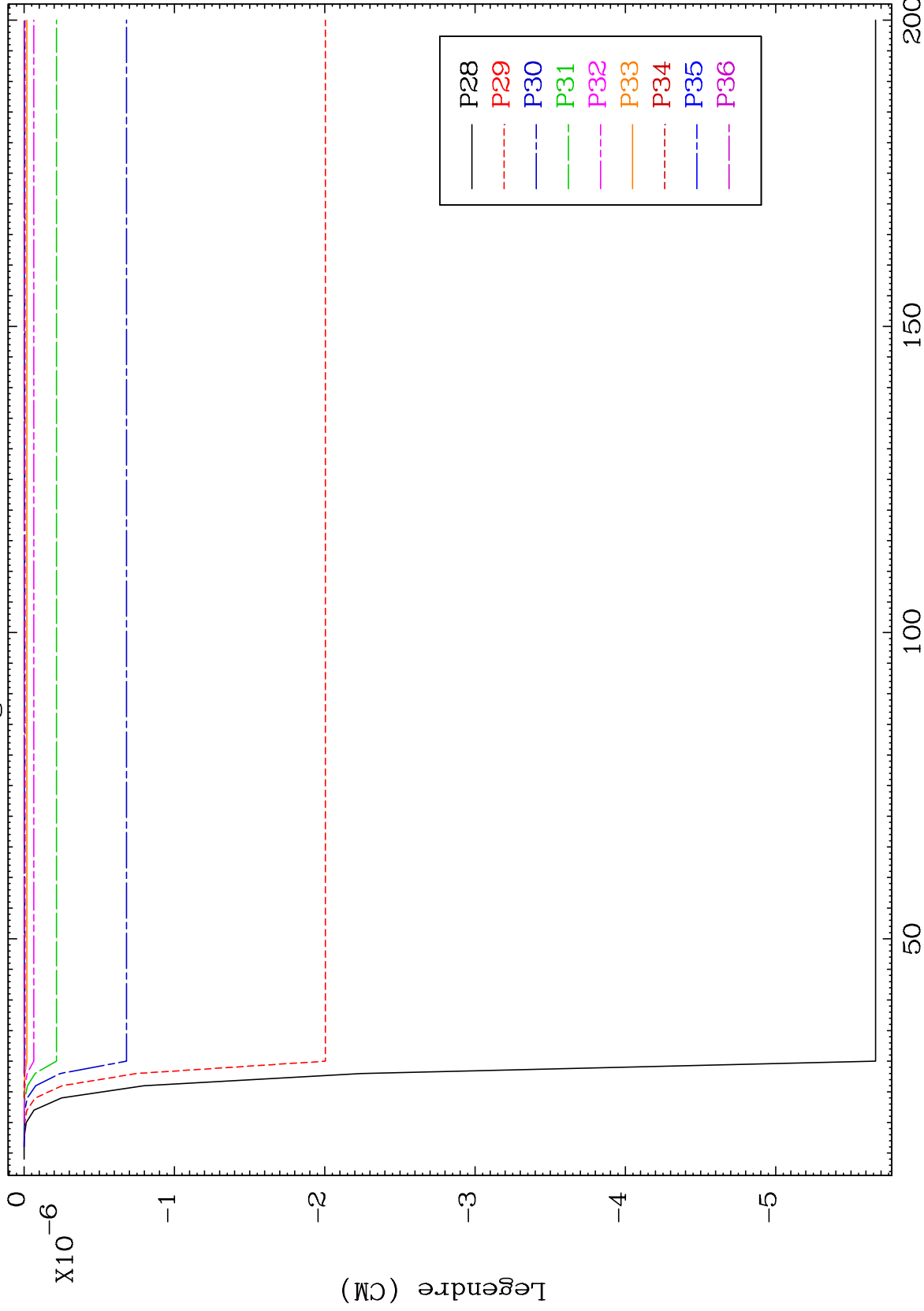
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



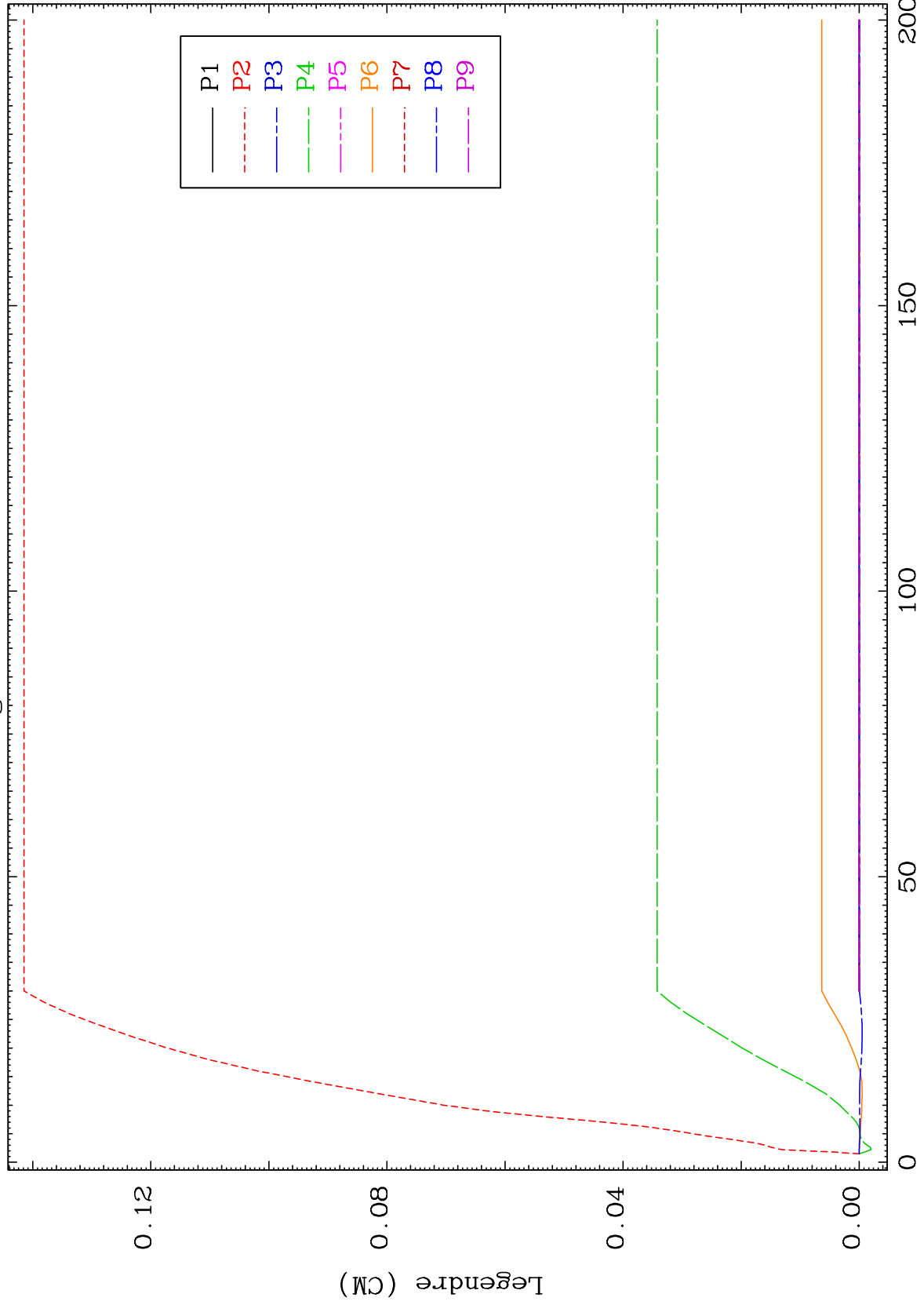
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63-Eu-145

MAT 6307

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

63-Eu-145



38

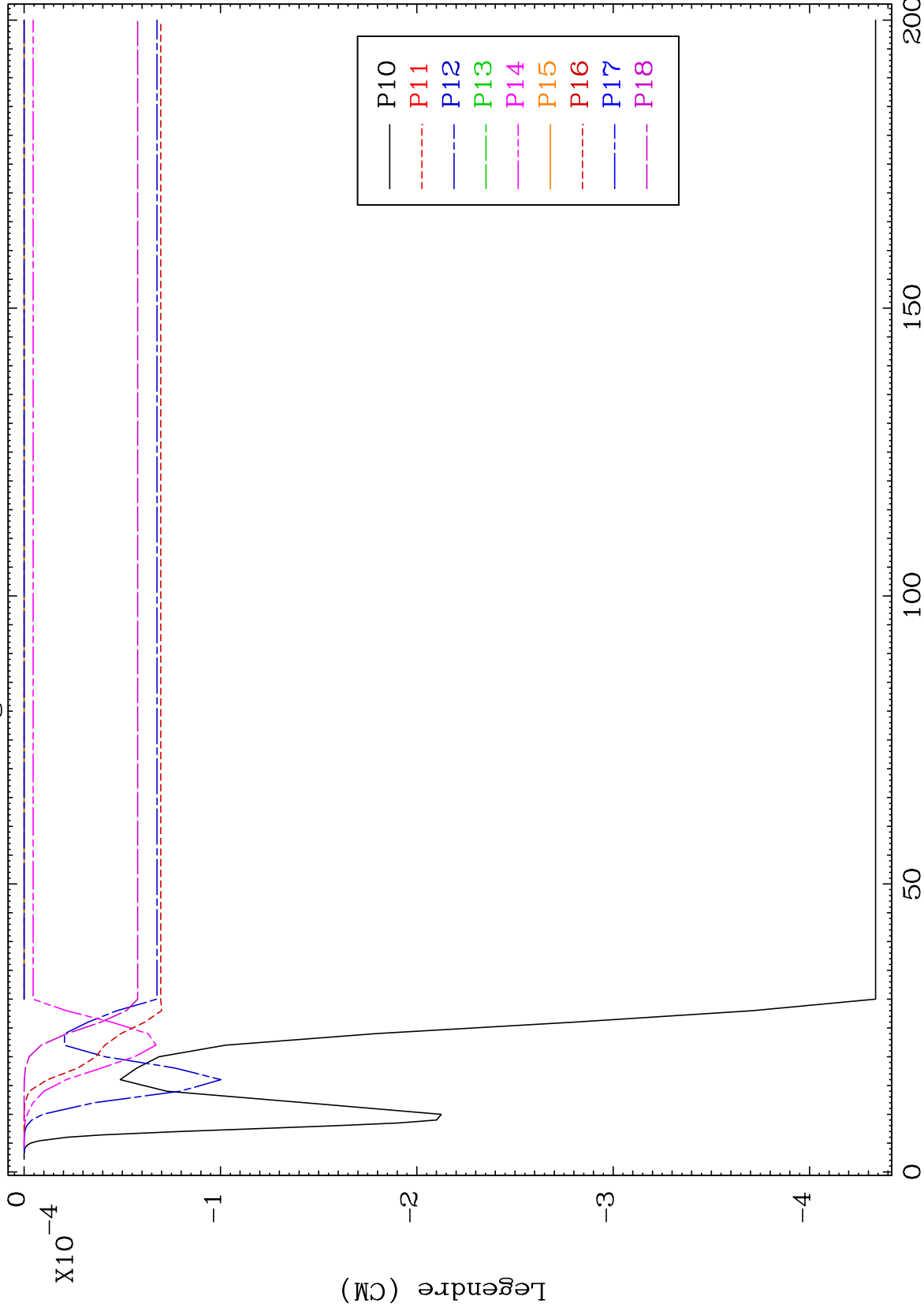
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145

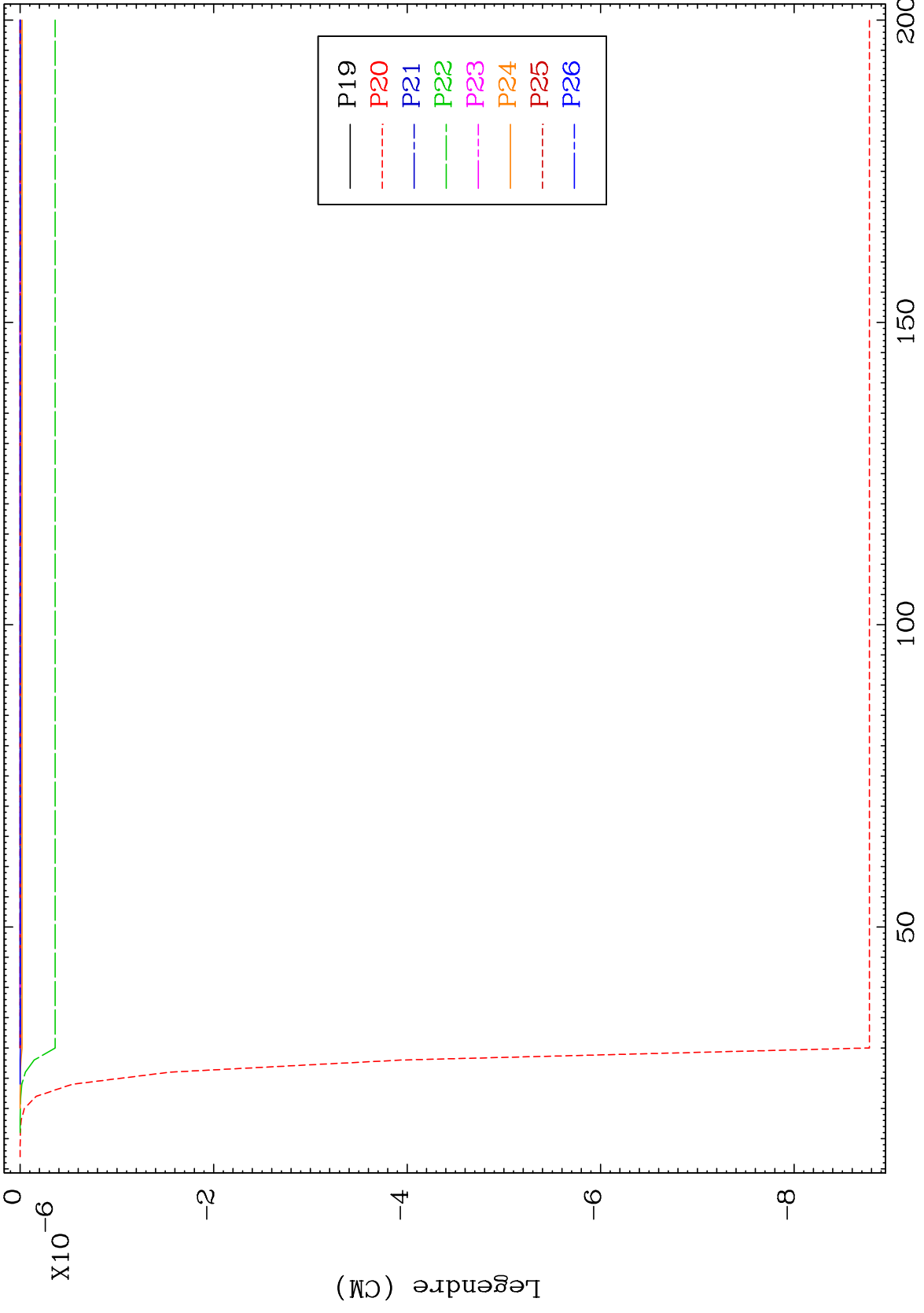


39

Incident Energy (MeV)

63-Eu-145

MAT 6307 MT= 56 (n,n') Level Legendre Coefficients 63-Eu-145

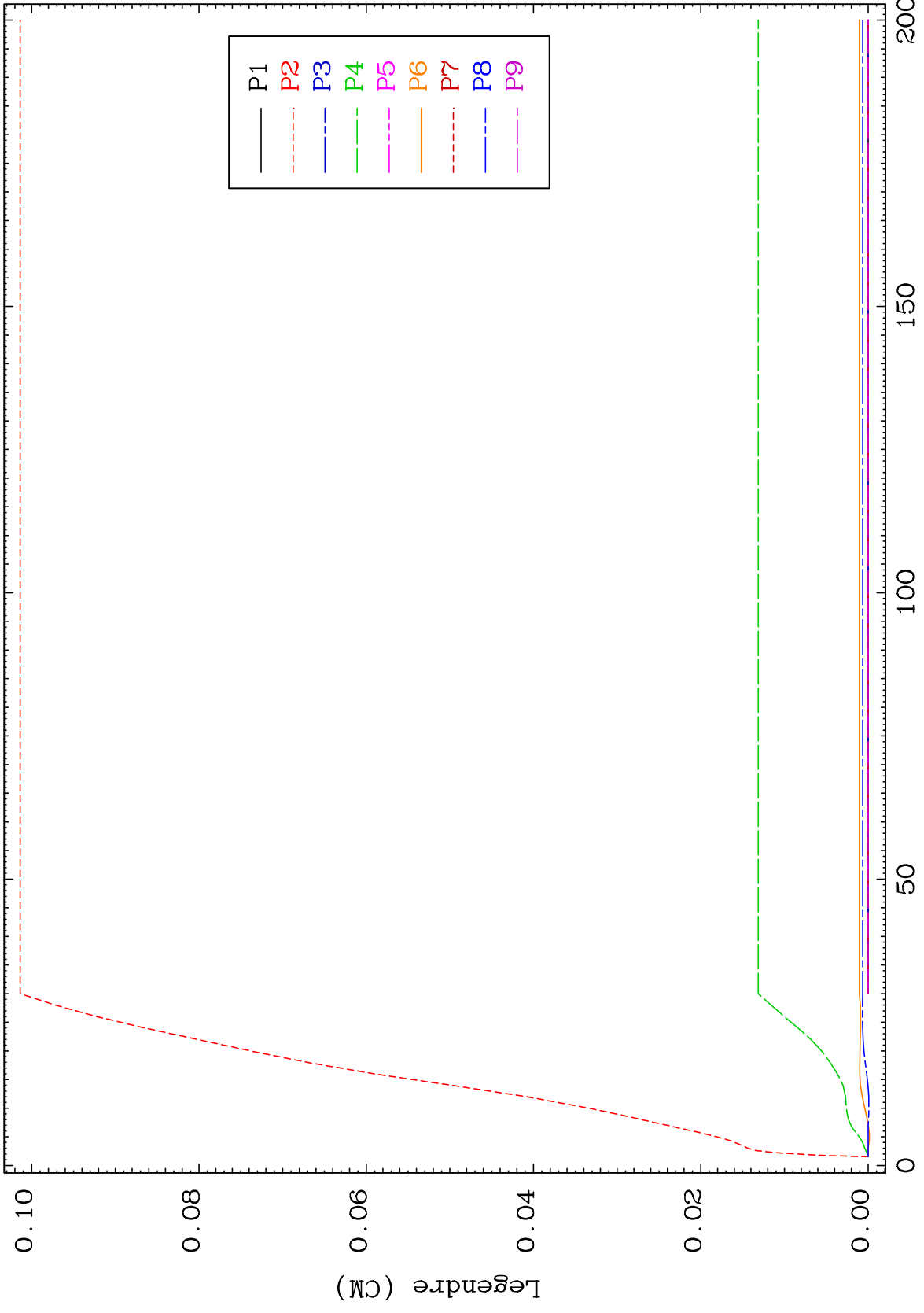


40 50 100 150 200 Incident Energy (MeV) 63-Eu-145

MAT 6307

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

63-Eu-145



41

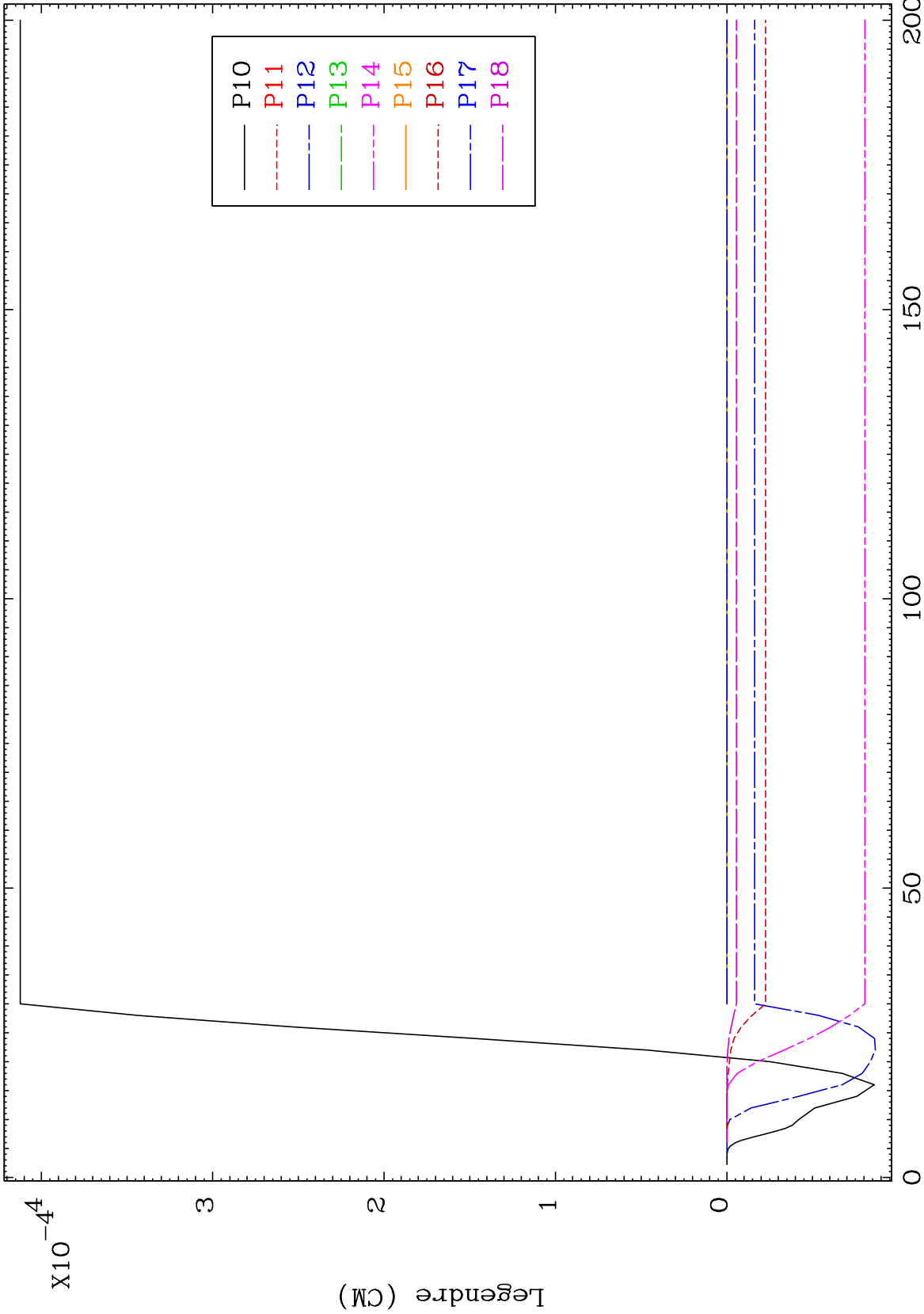
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



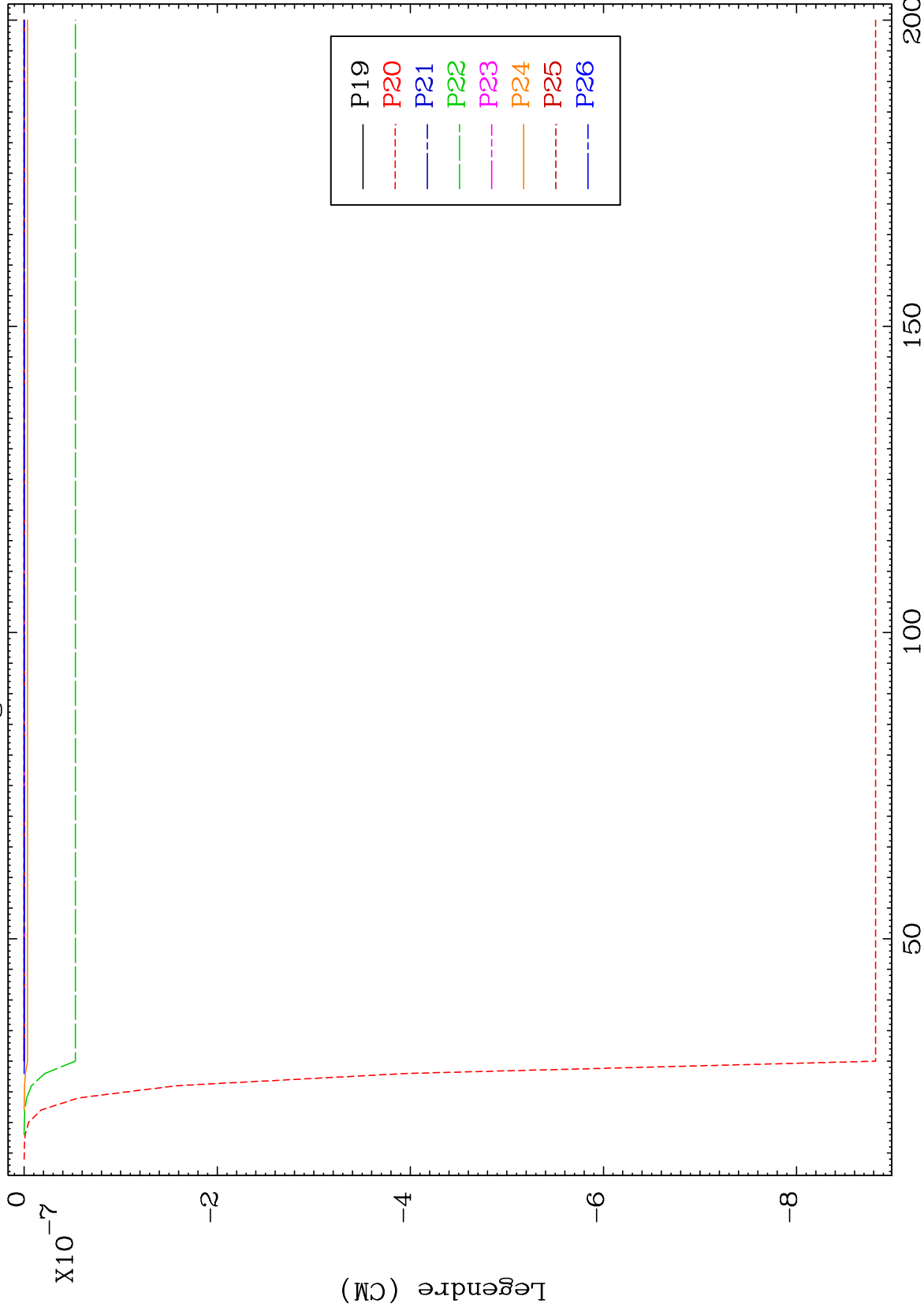
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MAT 6307

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

63-Eu-145

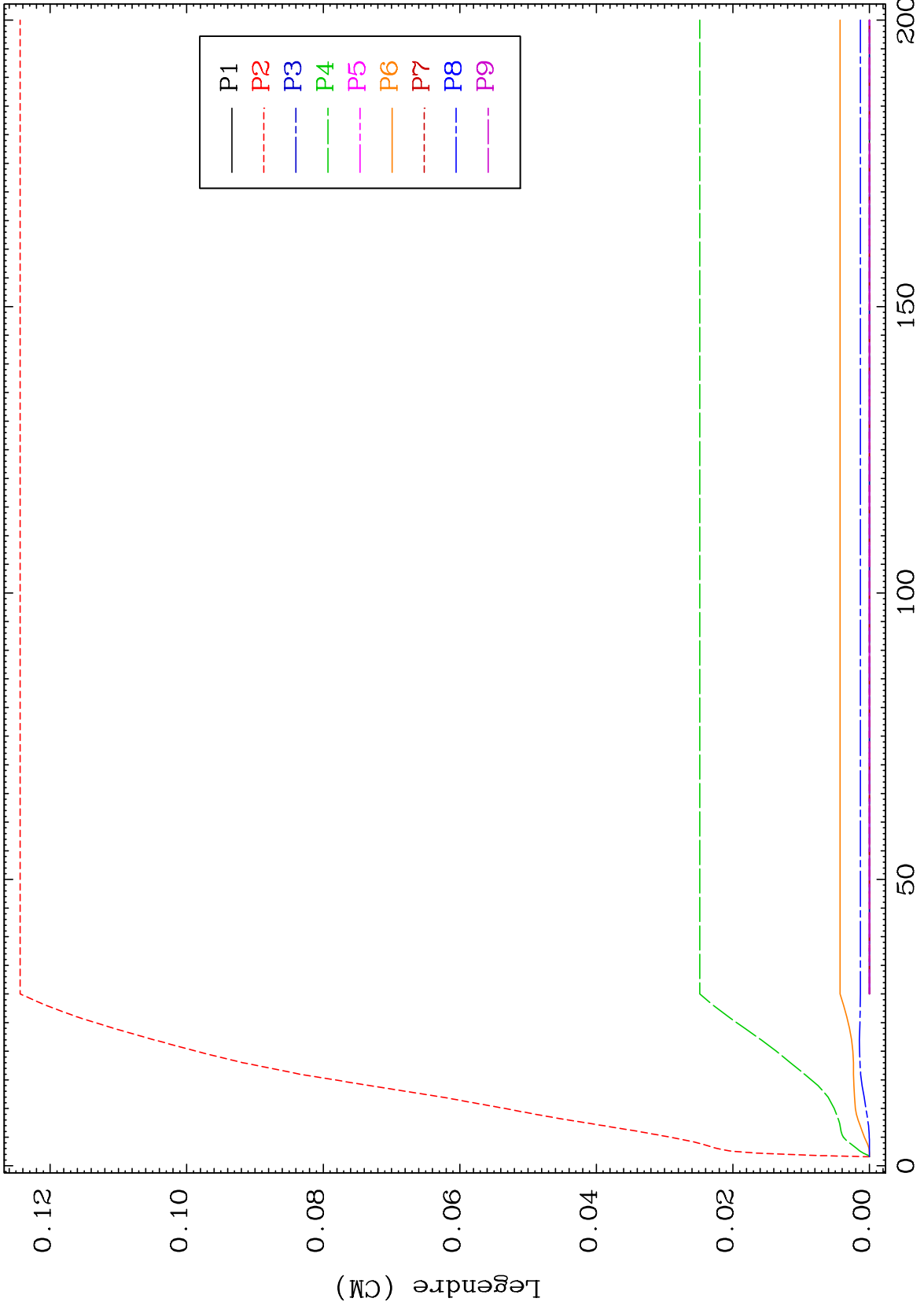


43

Incident Energy (MeV)

63-Eu-145

MAT 6307 MT= 58 (n,n') Level Legendre Coefficients 63-Eu-145

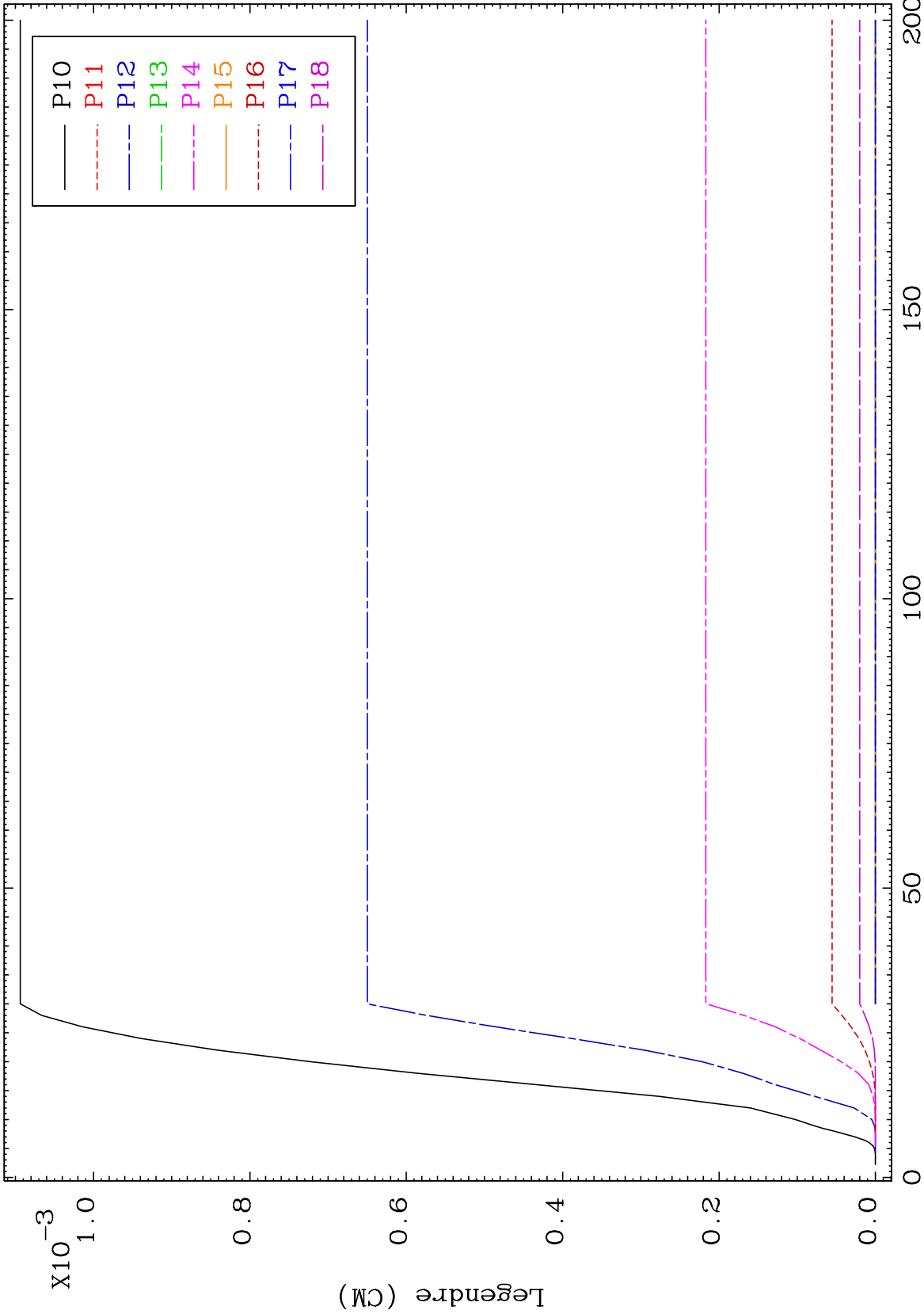


44 63-Eu-145

MAT 6307

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

63-Eu-145



45

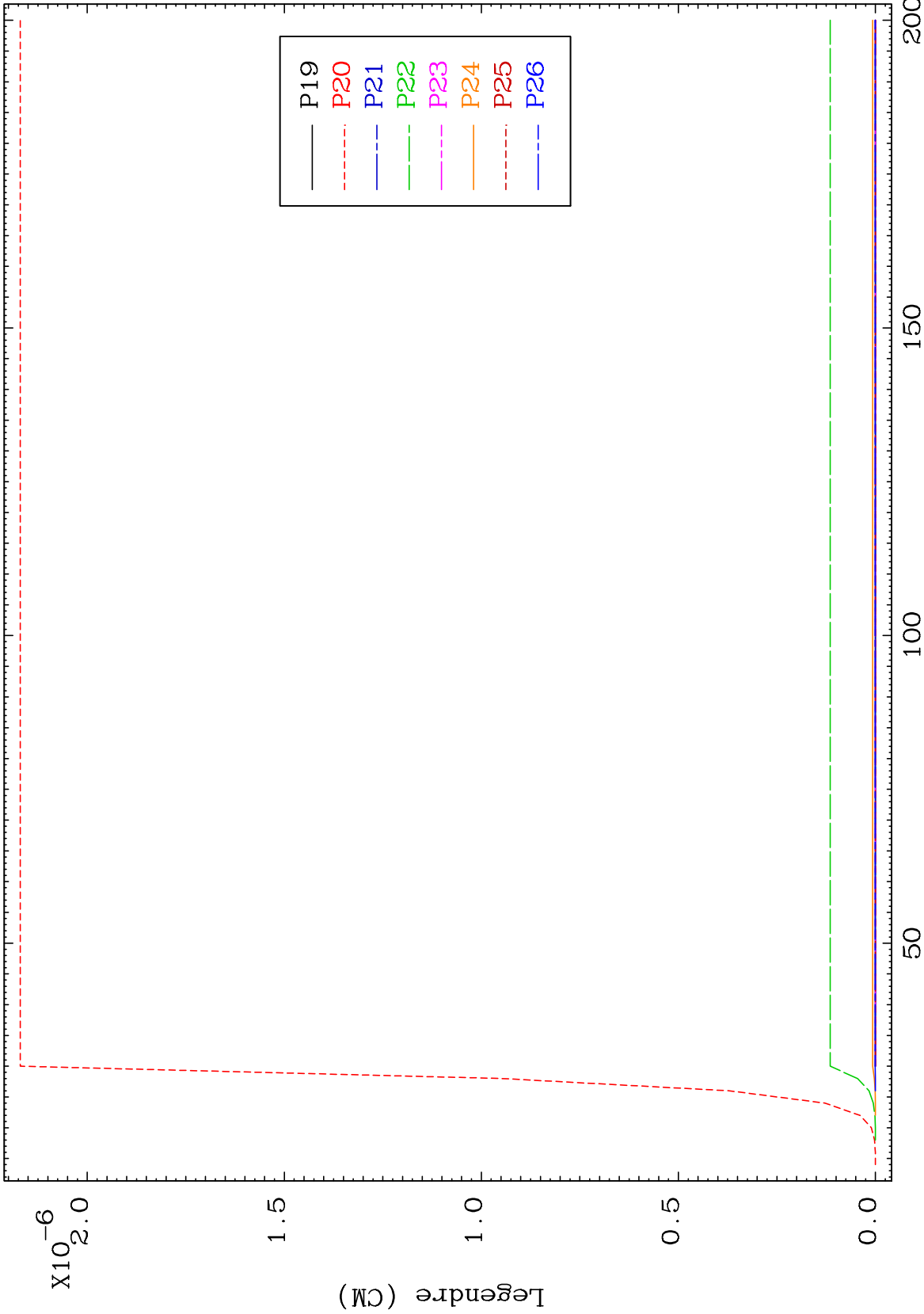
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



46

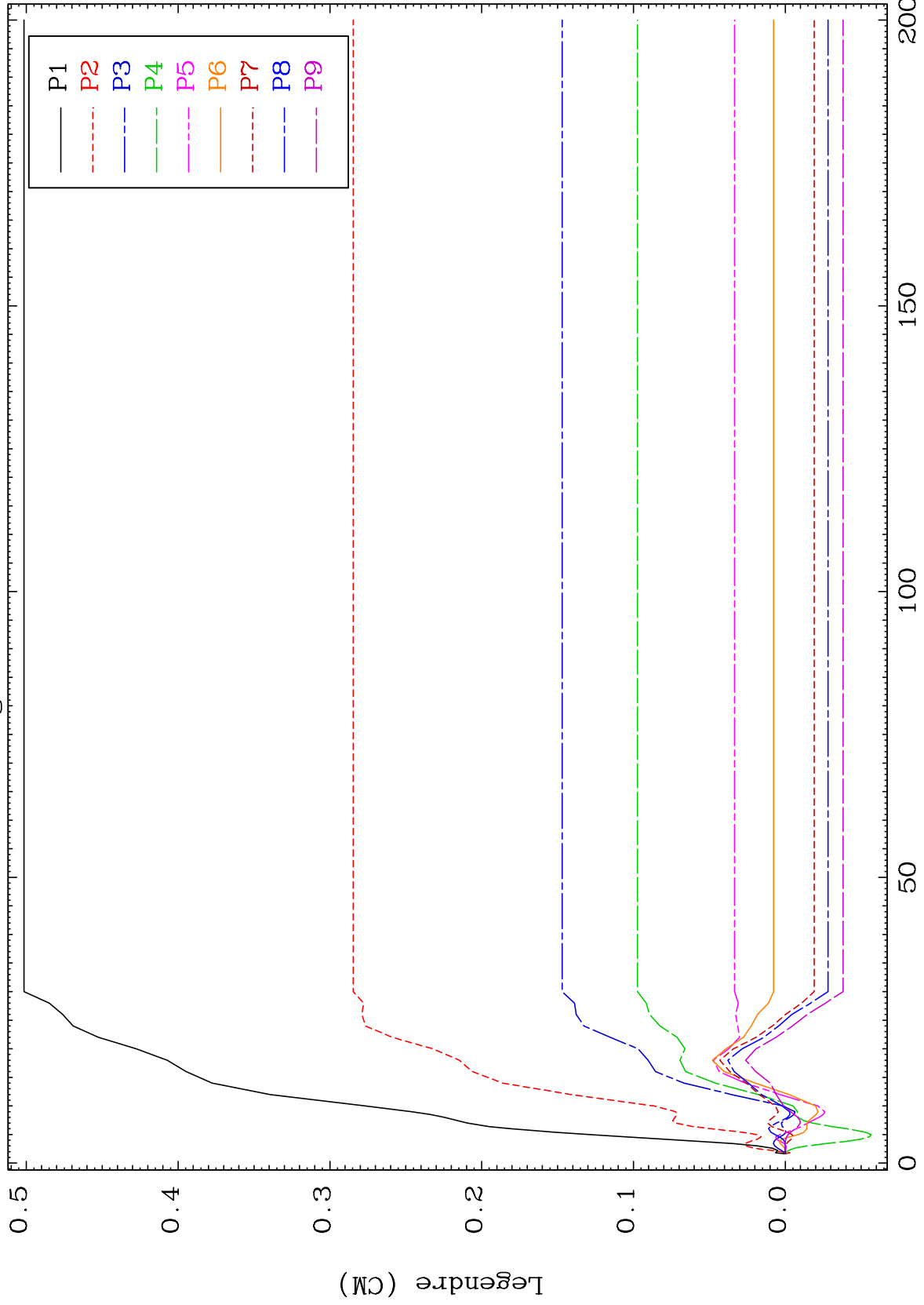
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



47

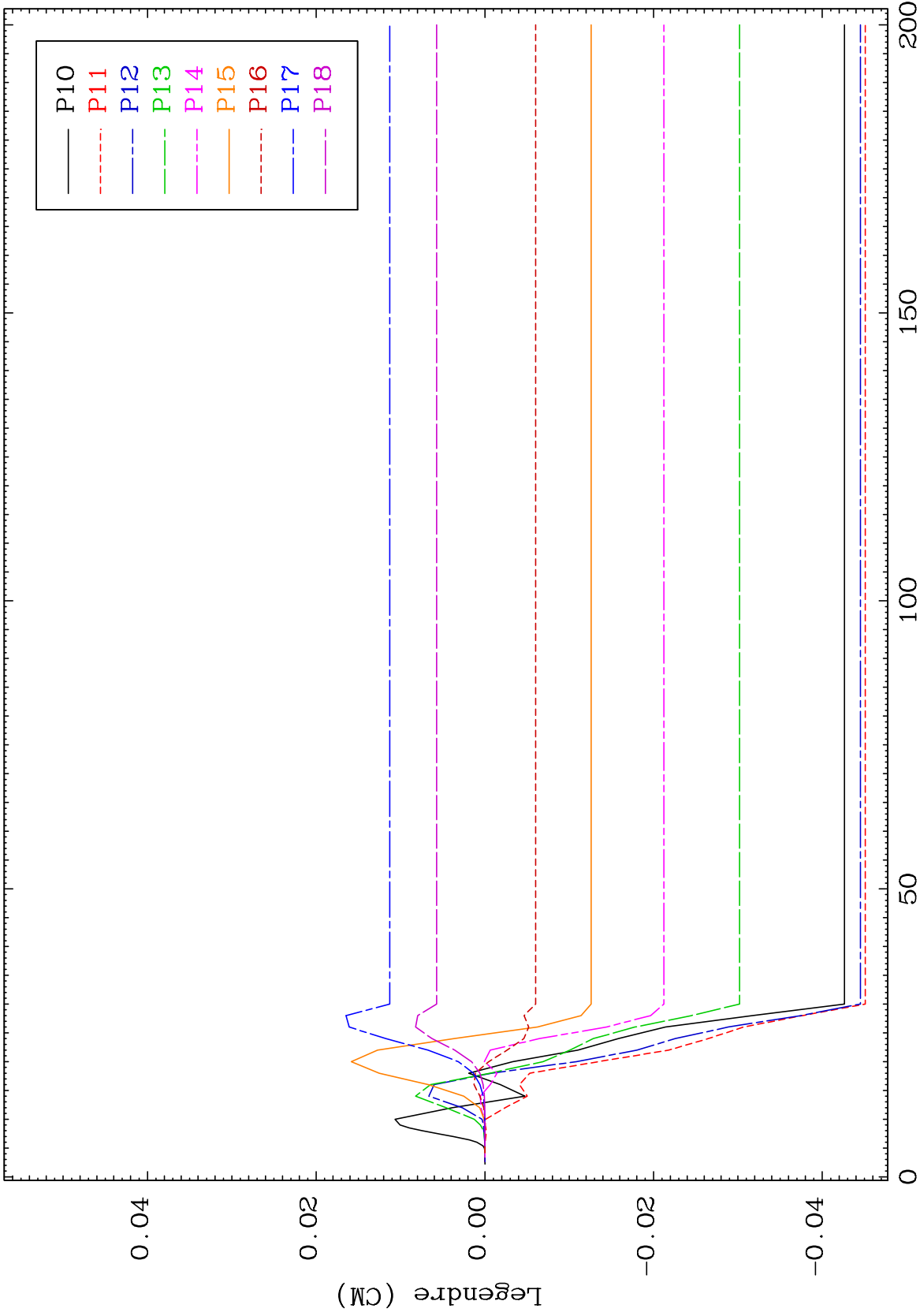
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



48

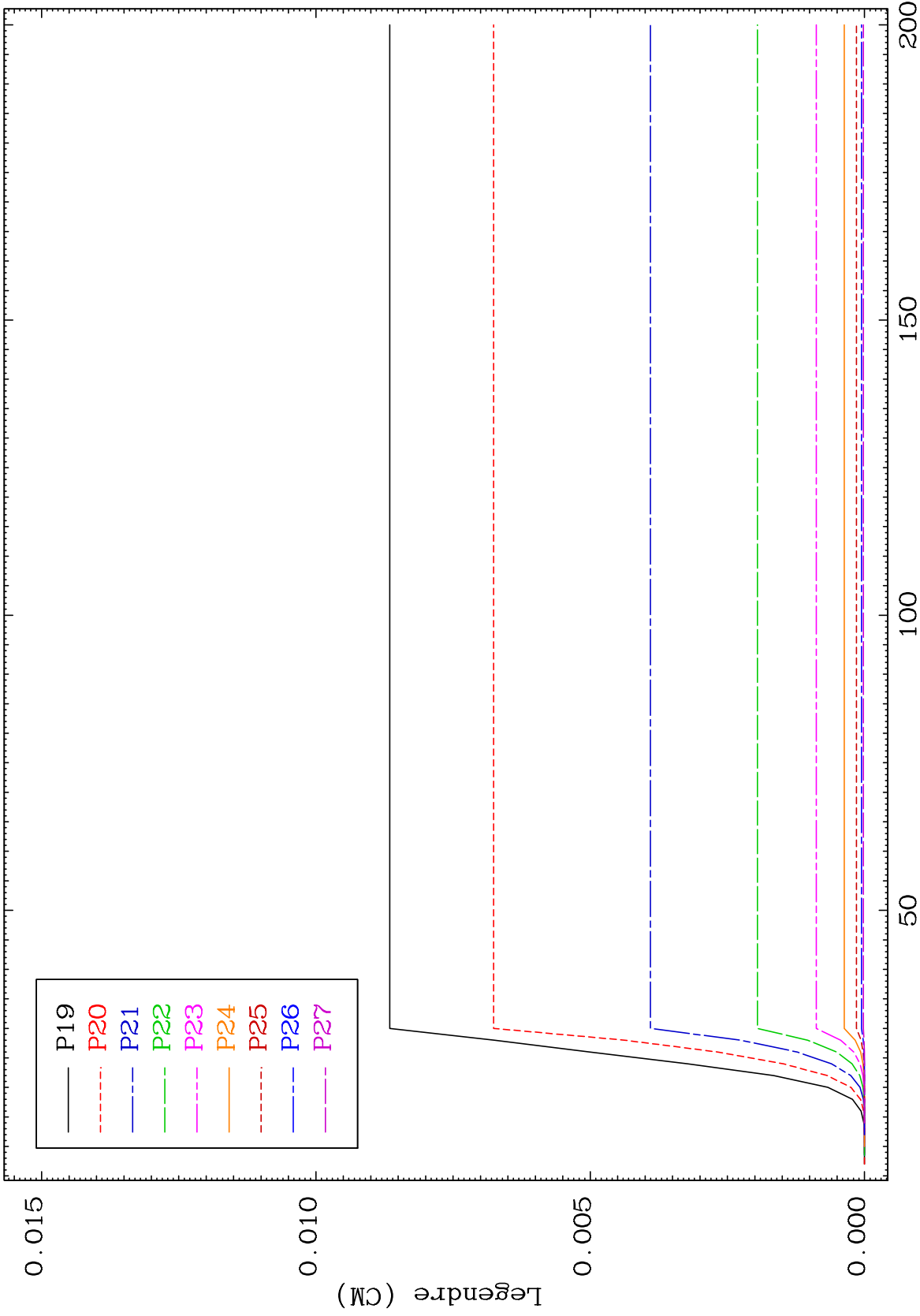
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



49

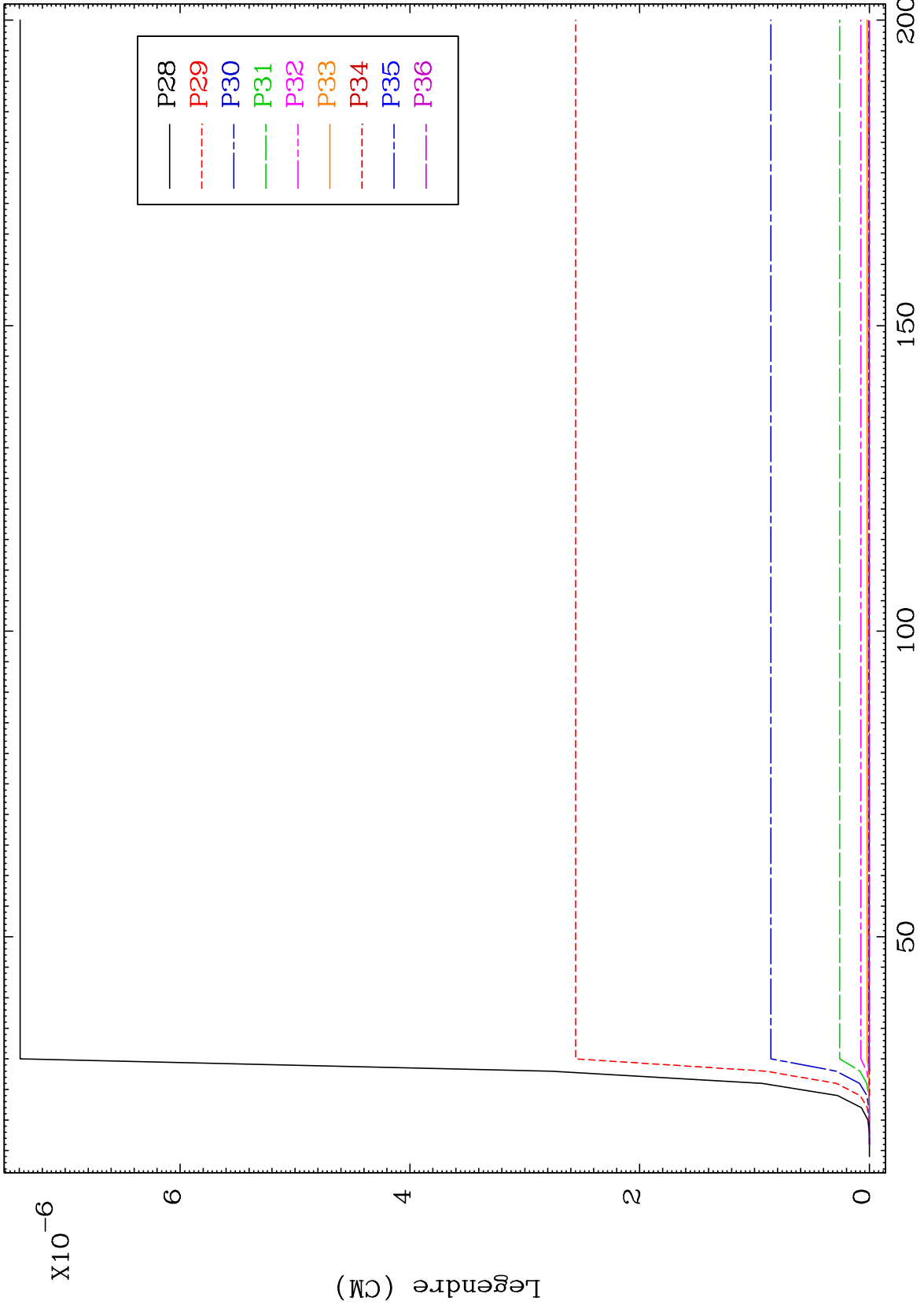
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



50

50

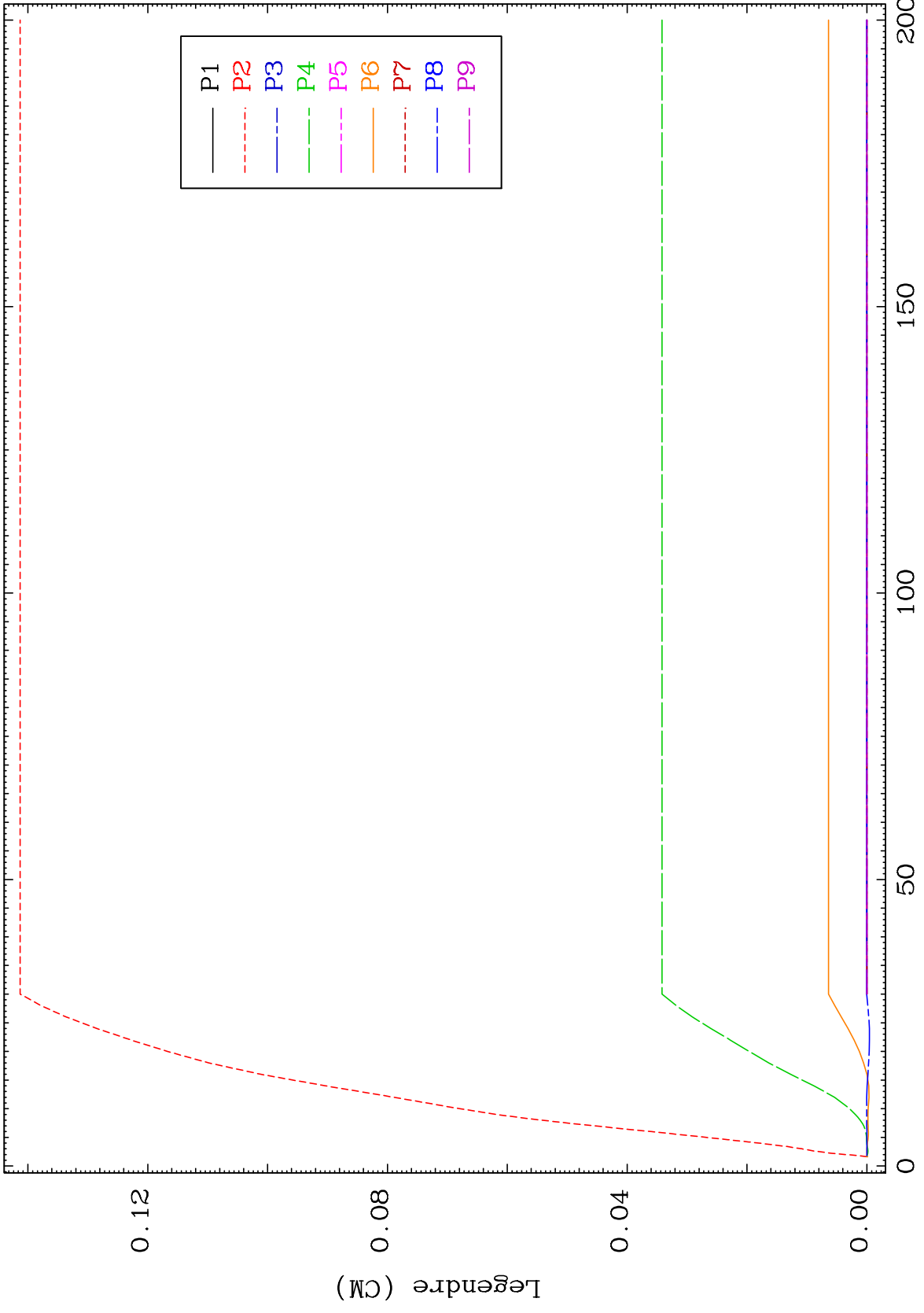
100

150

200

63-Eu-145

MAT 6307 MT= 60 (n,n') Level Legendre Coefficients 63-Eu-145

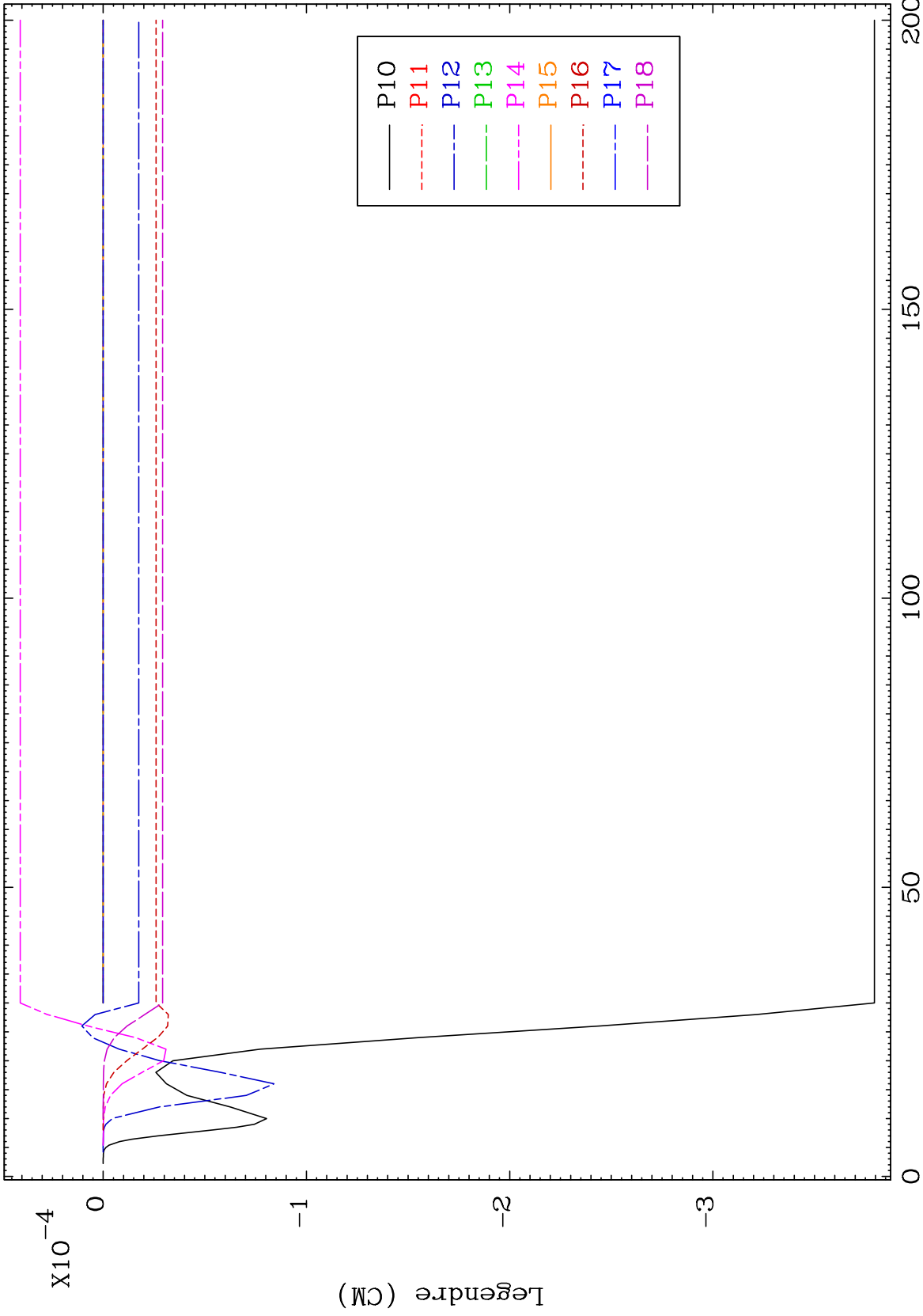


51 63-Eu-145

MAT 6307

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

63-Eu-145



52

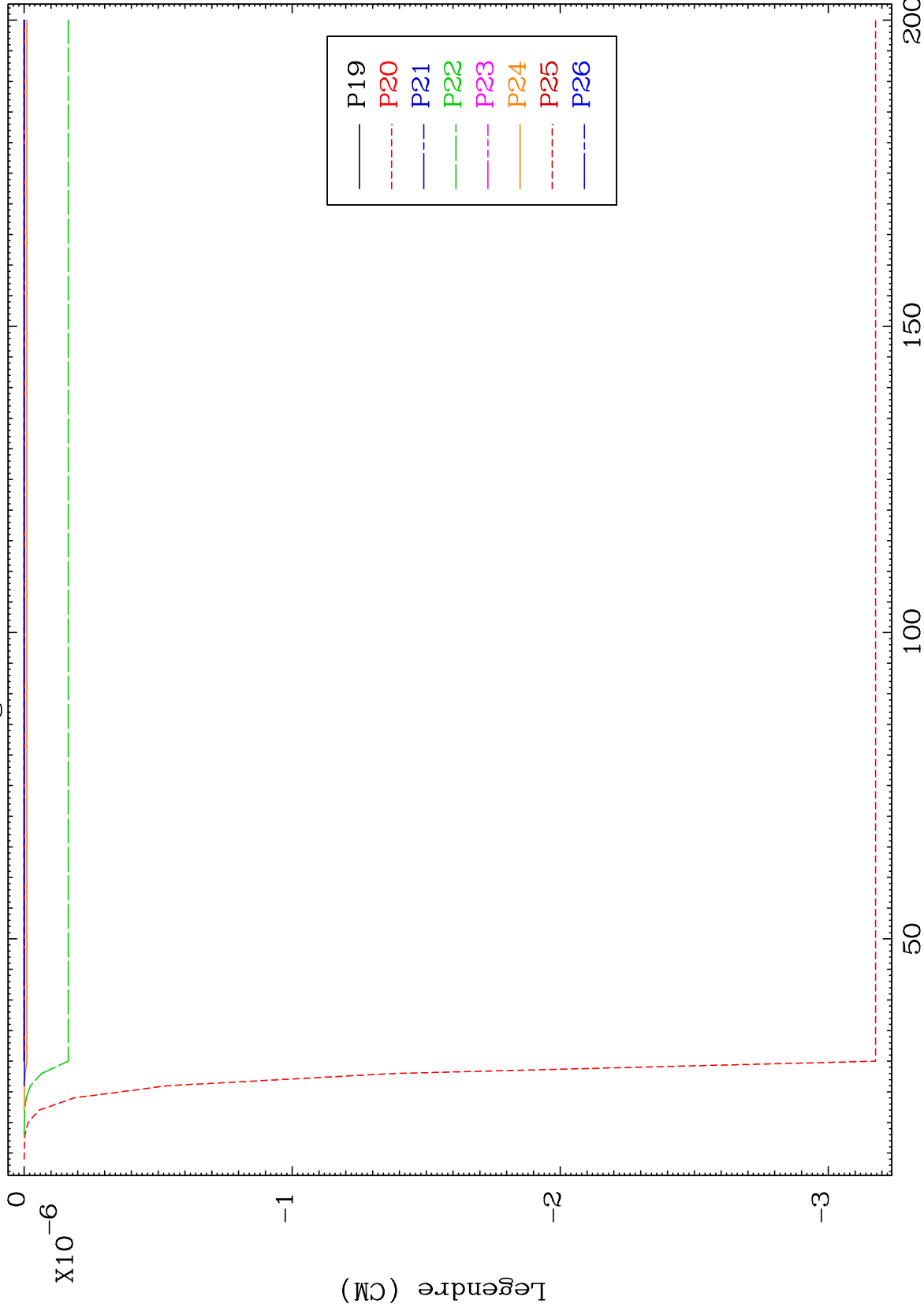
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

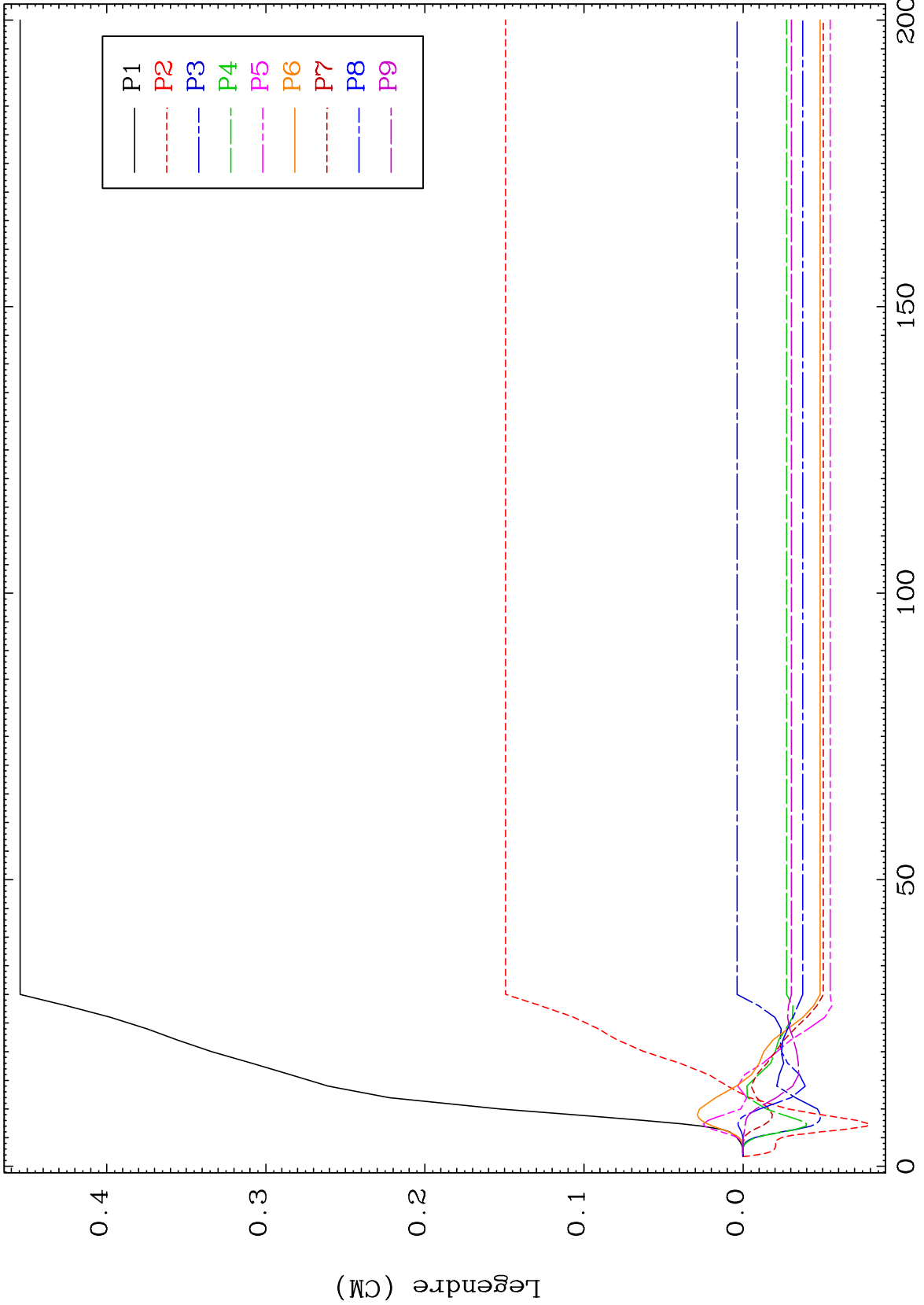
Incident Energy (MeV)

53

MAT 6307

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

63-Eu-145



54

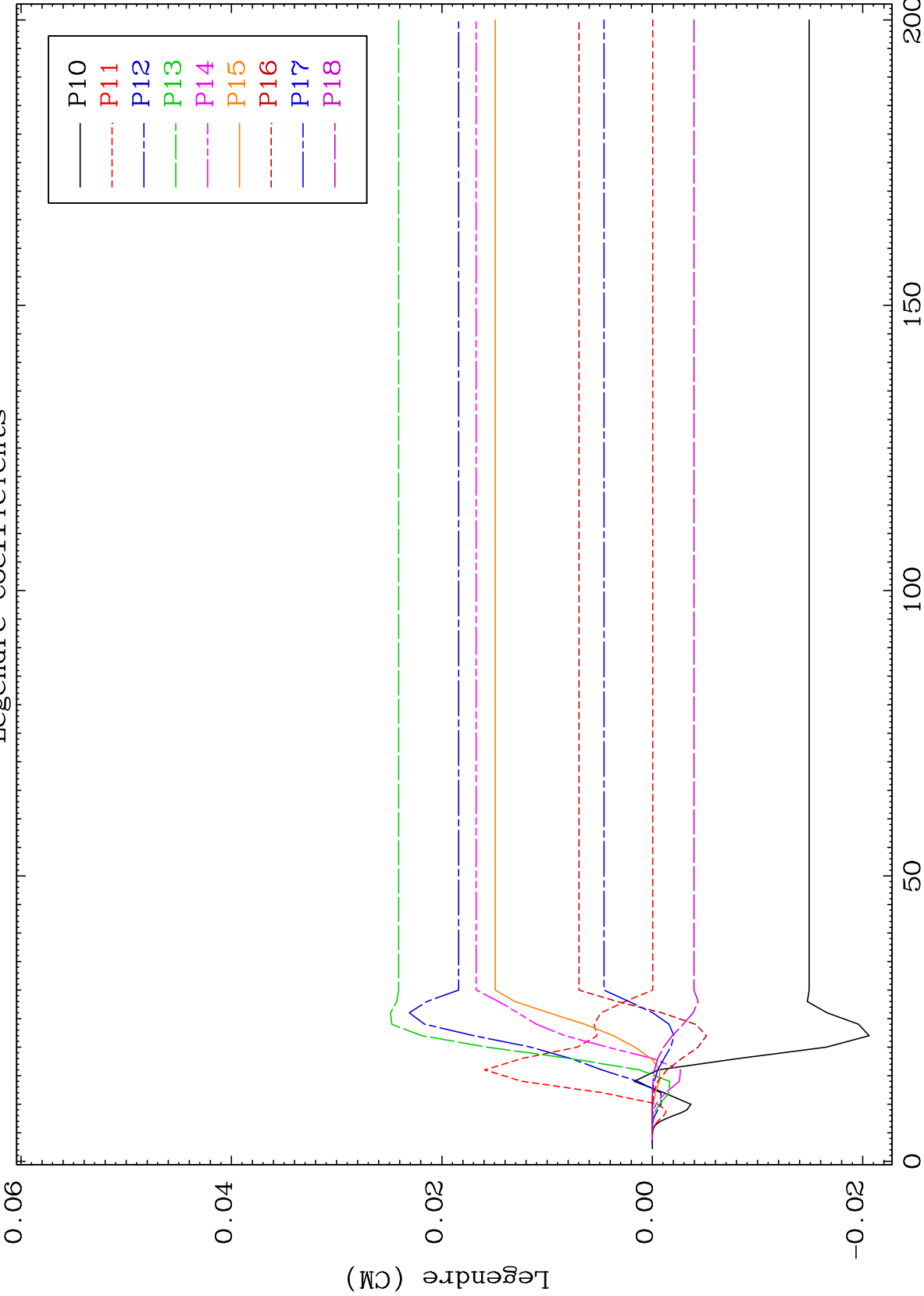
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



55

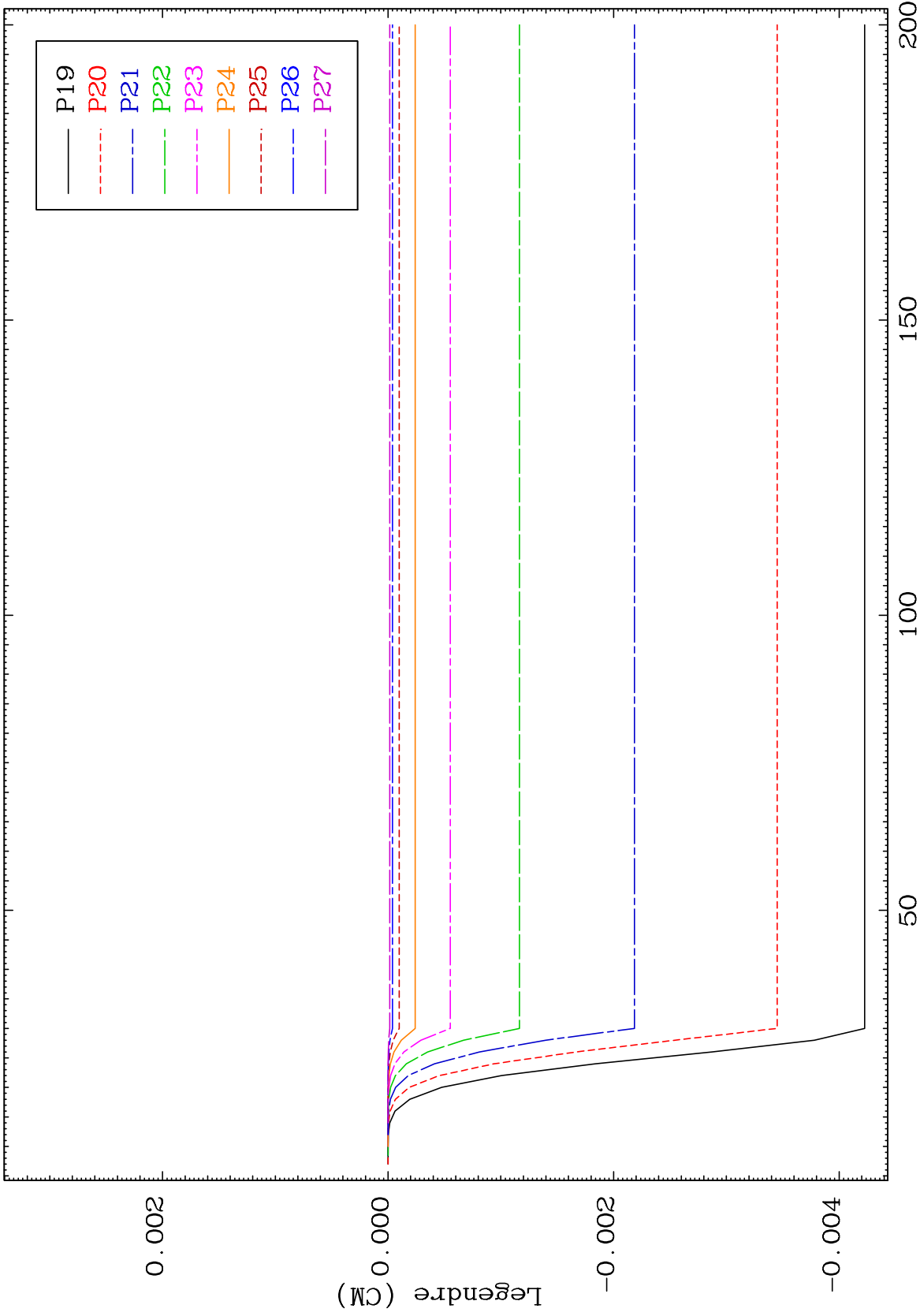
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



56

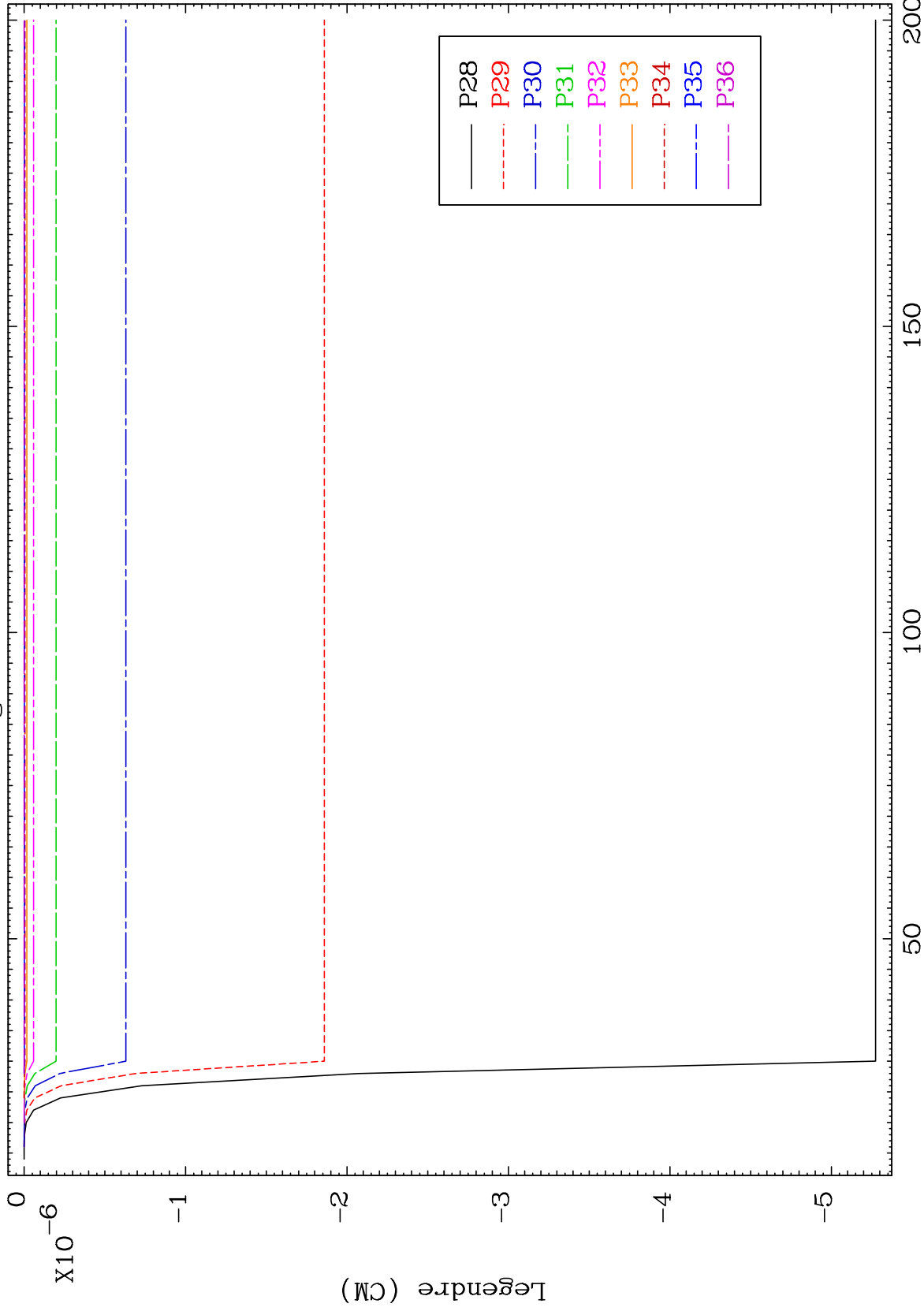
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



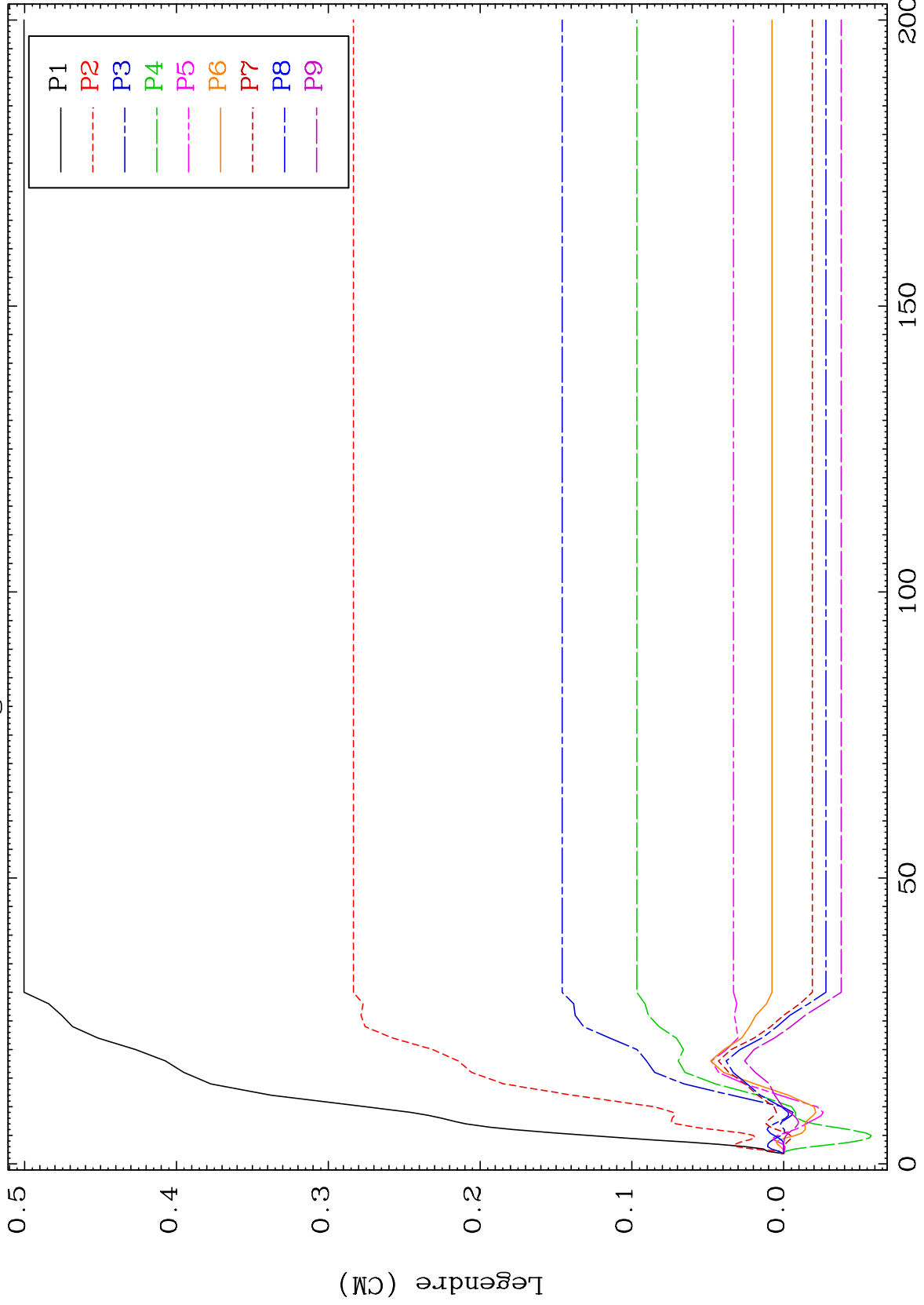
63-Eu-145

57

MAT 6307

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

63-Eu-145



58

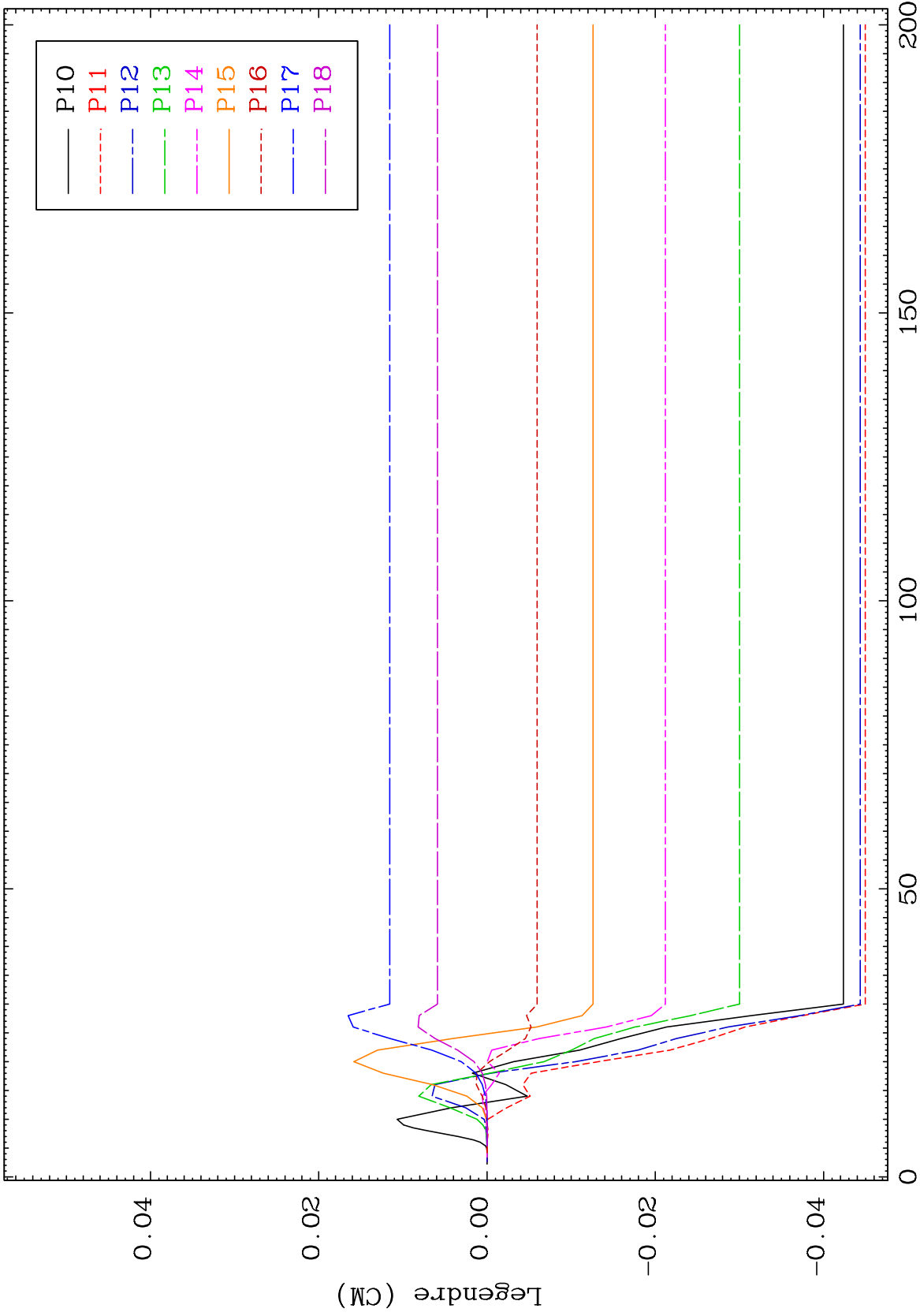
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



59

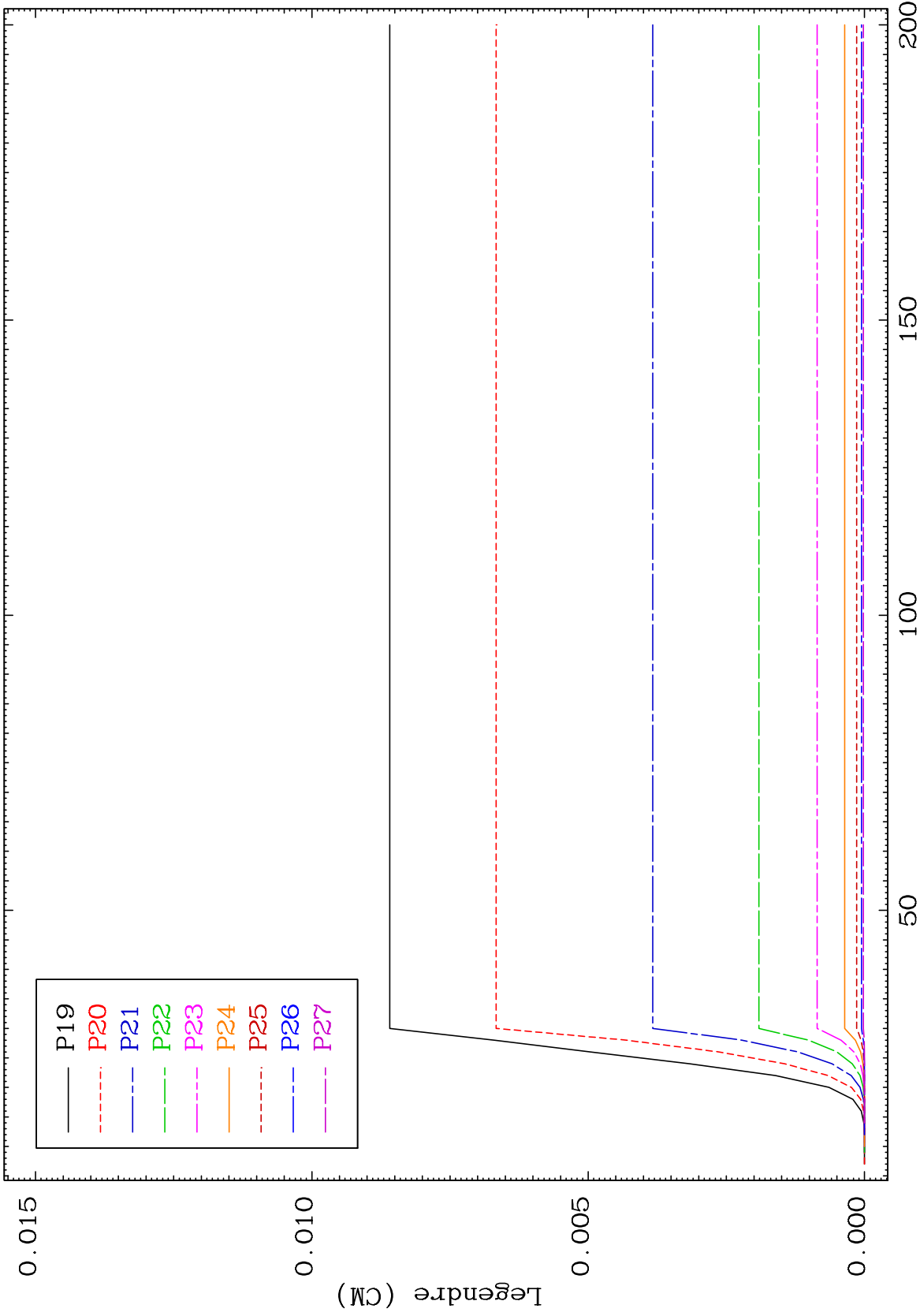
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



60

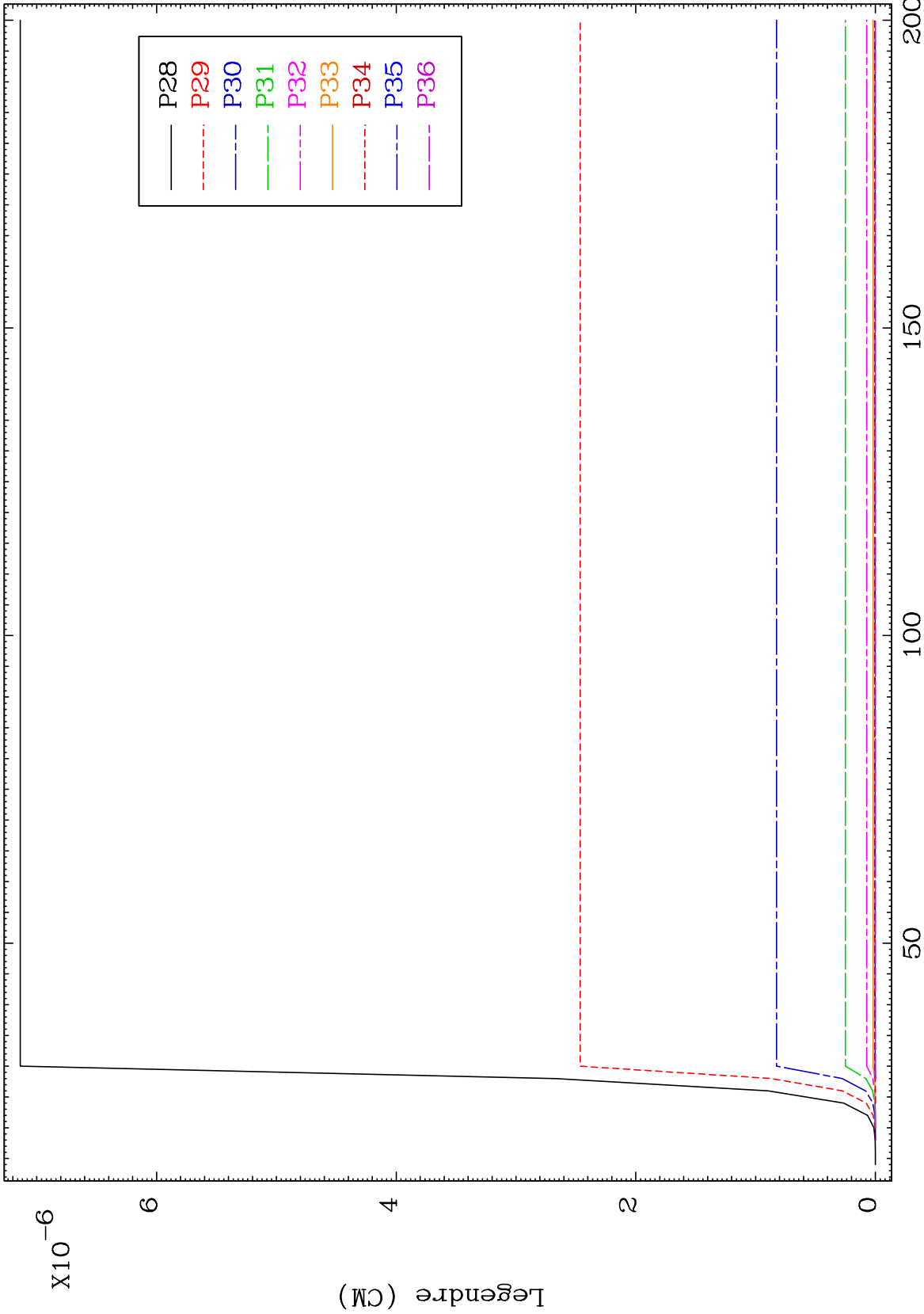
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



61

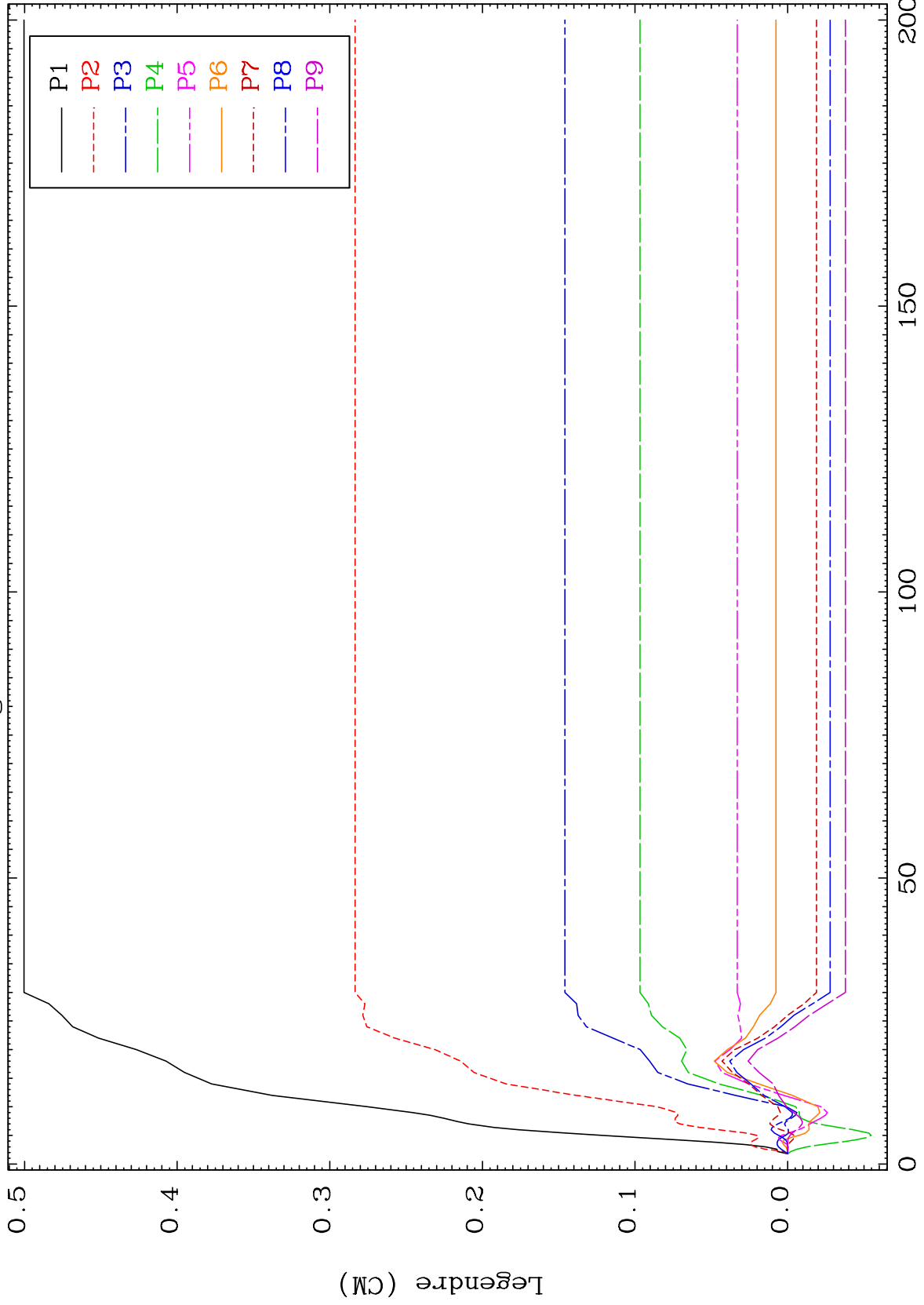
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



62

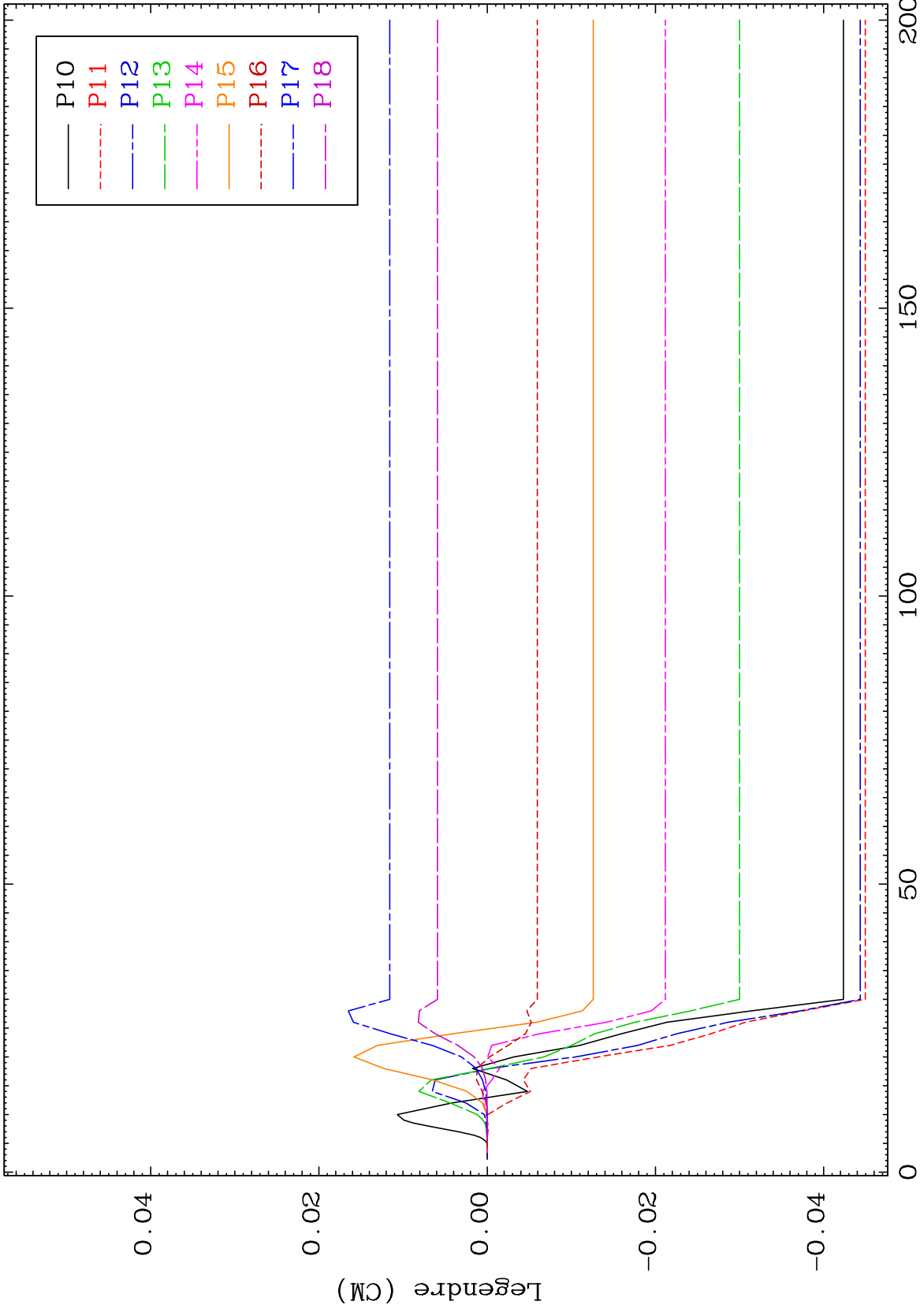
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63

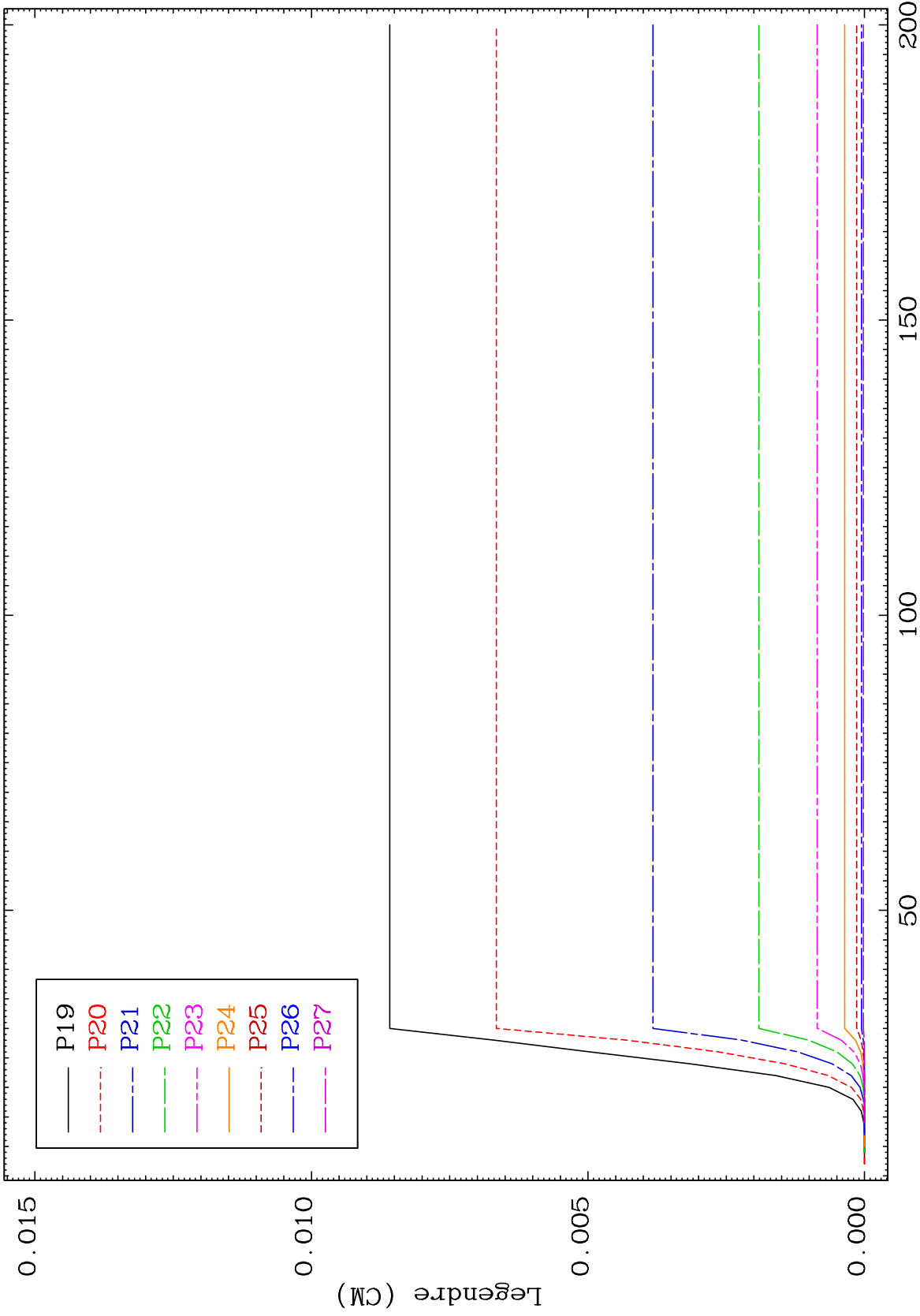
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



64

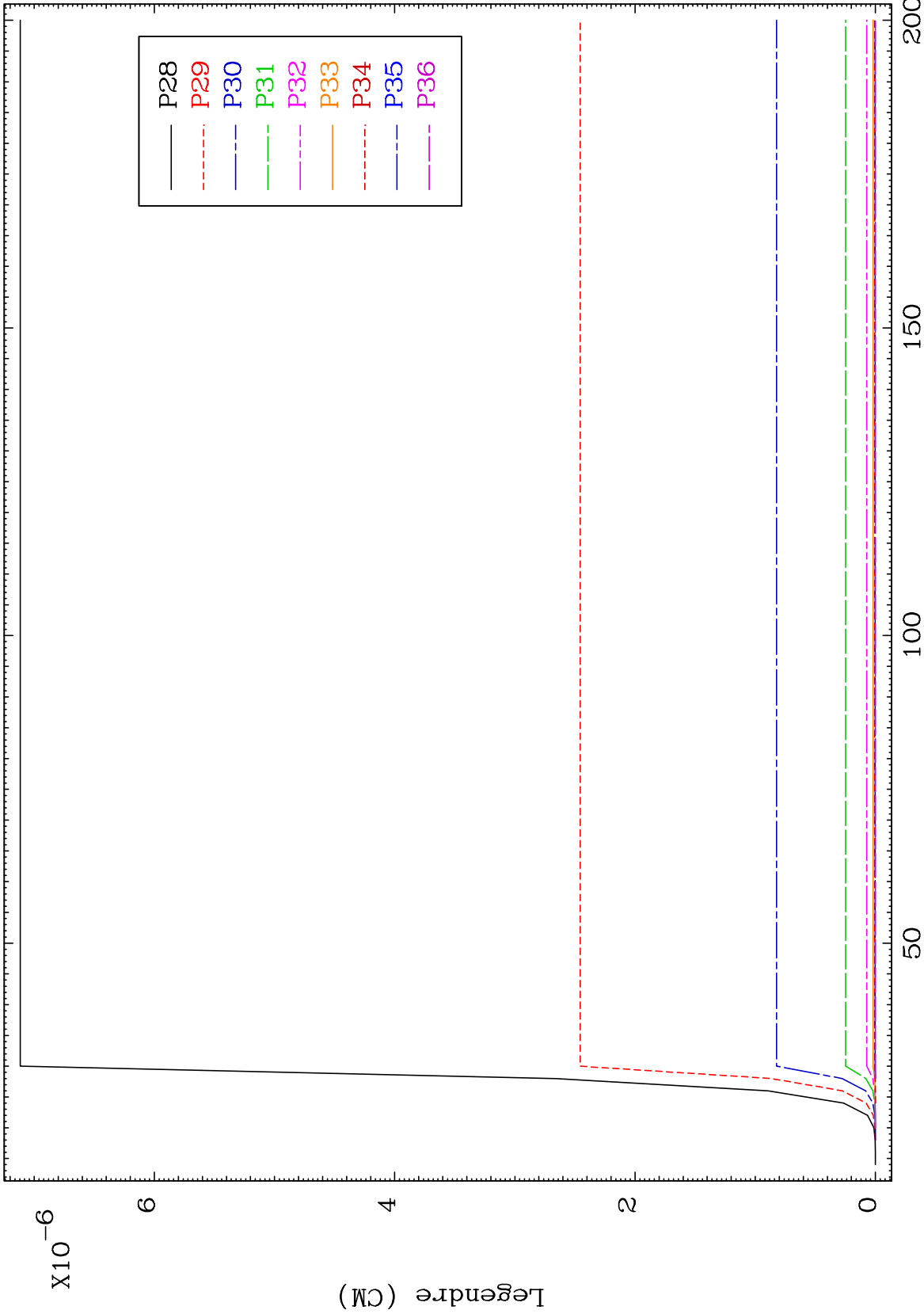
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



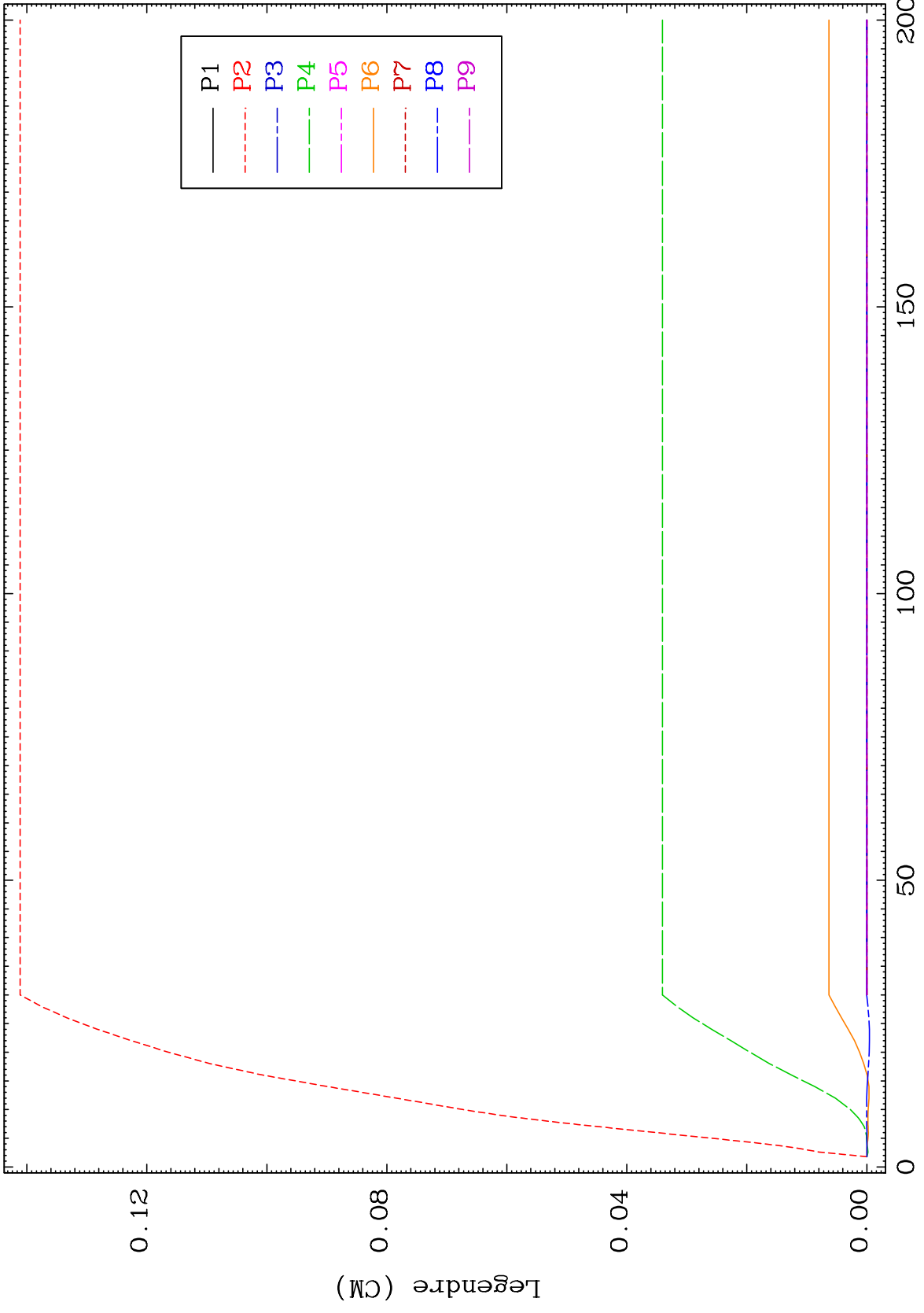
65

63-Eu-145

MAT 6307

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

63-Eu-145



66

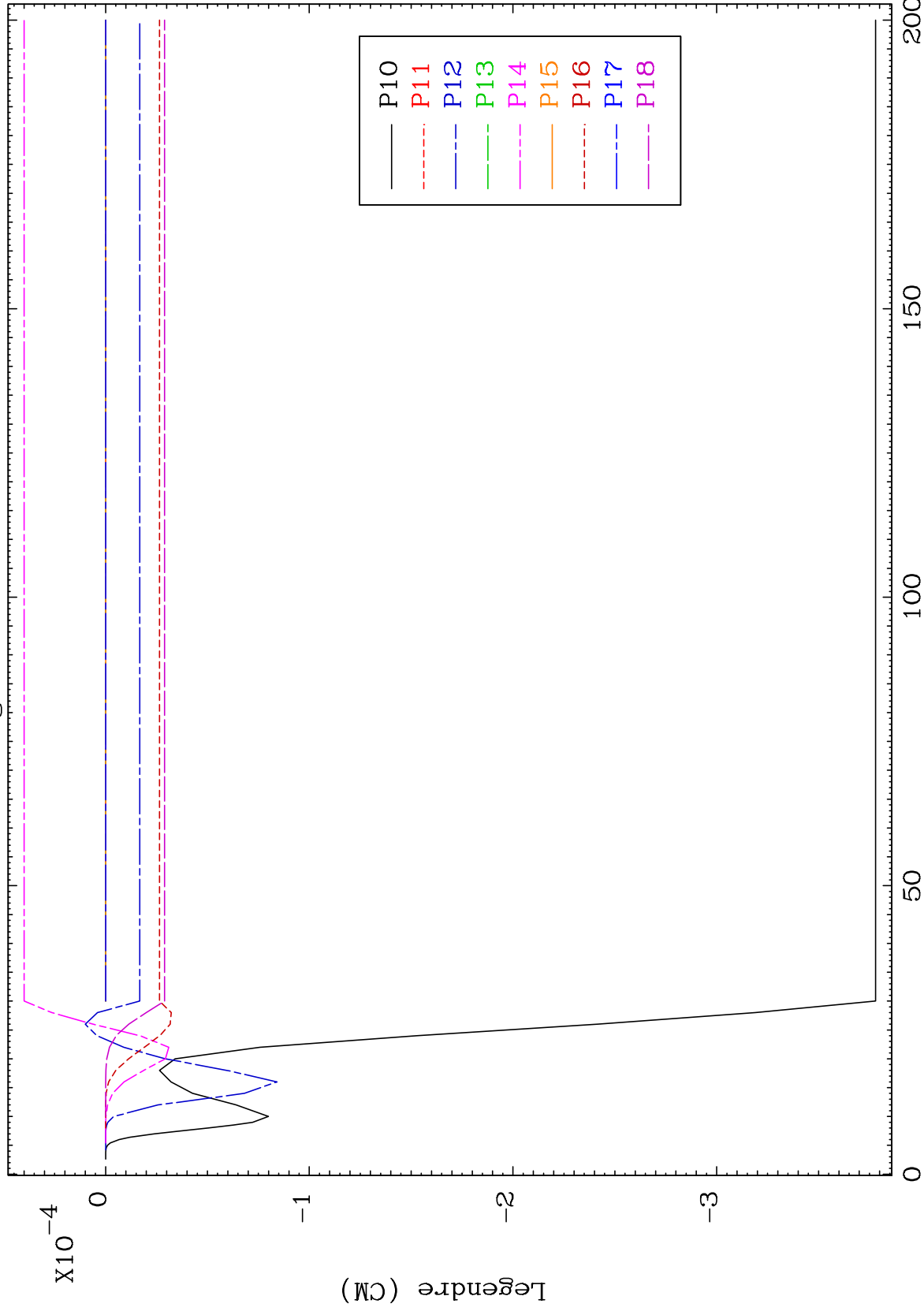
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145

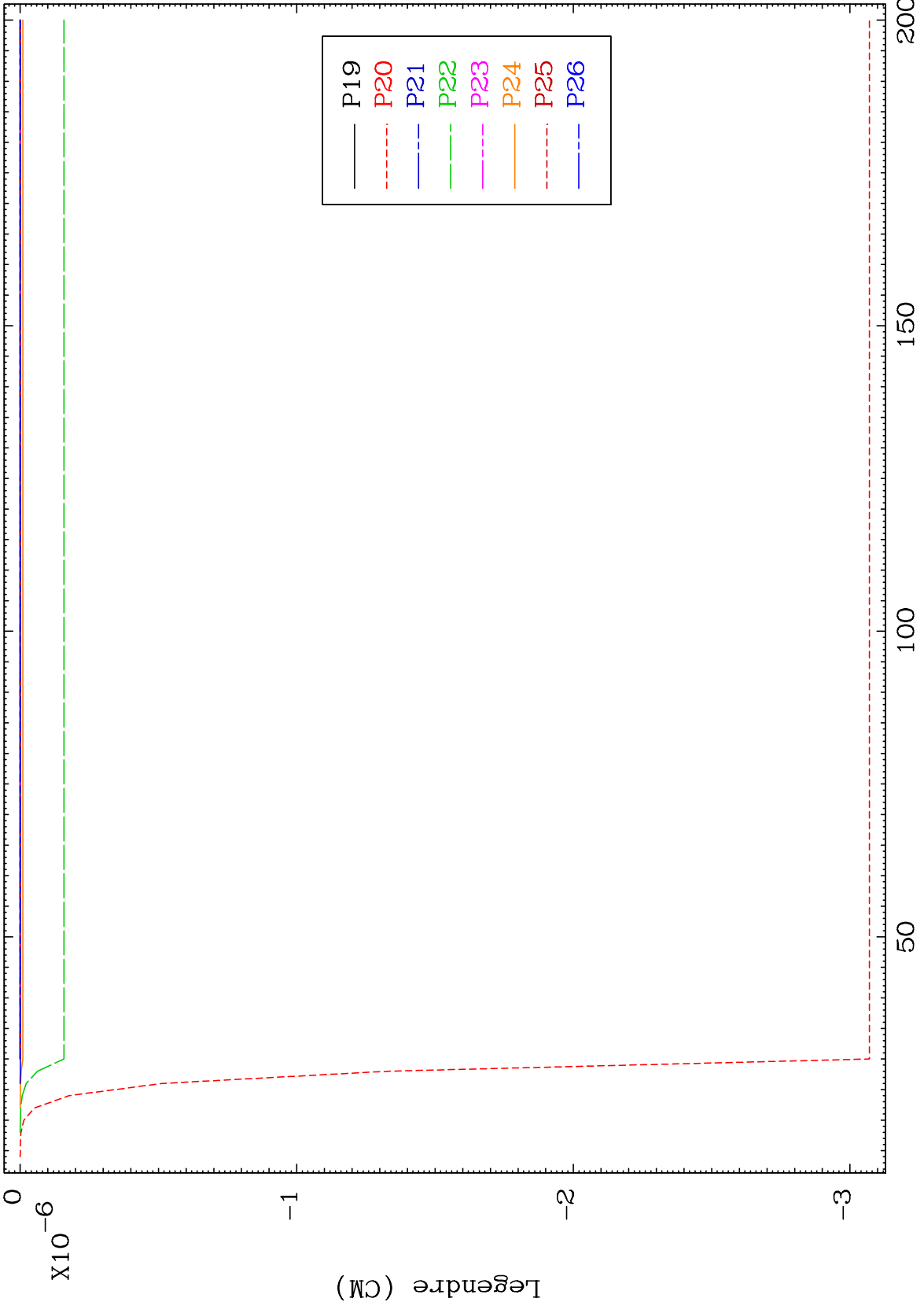


67

Incident Energy (MeV)

63-Eu-145

MAT 6307 MT= 64 (n,n') Level Legendre Coefficients 63-Eu-145

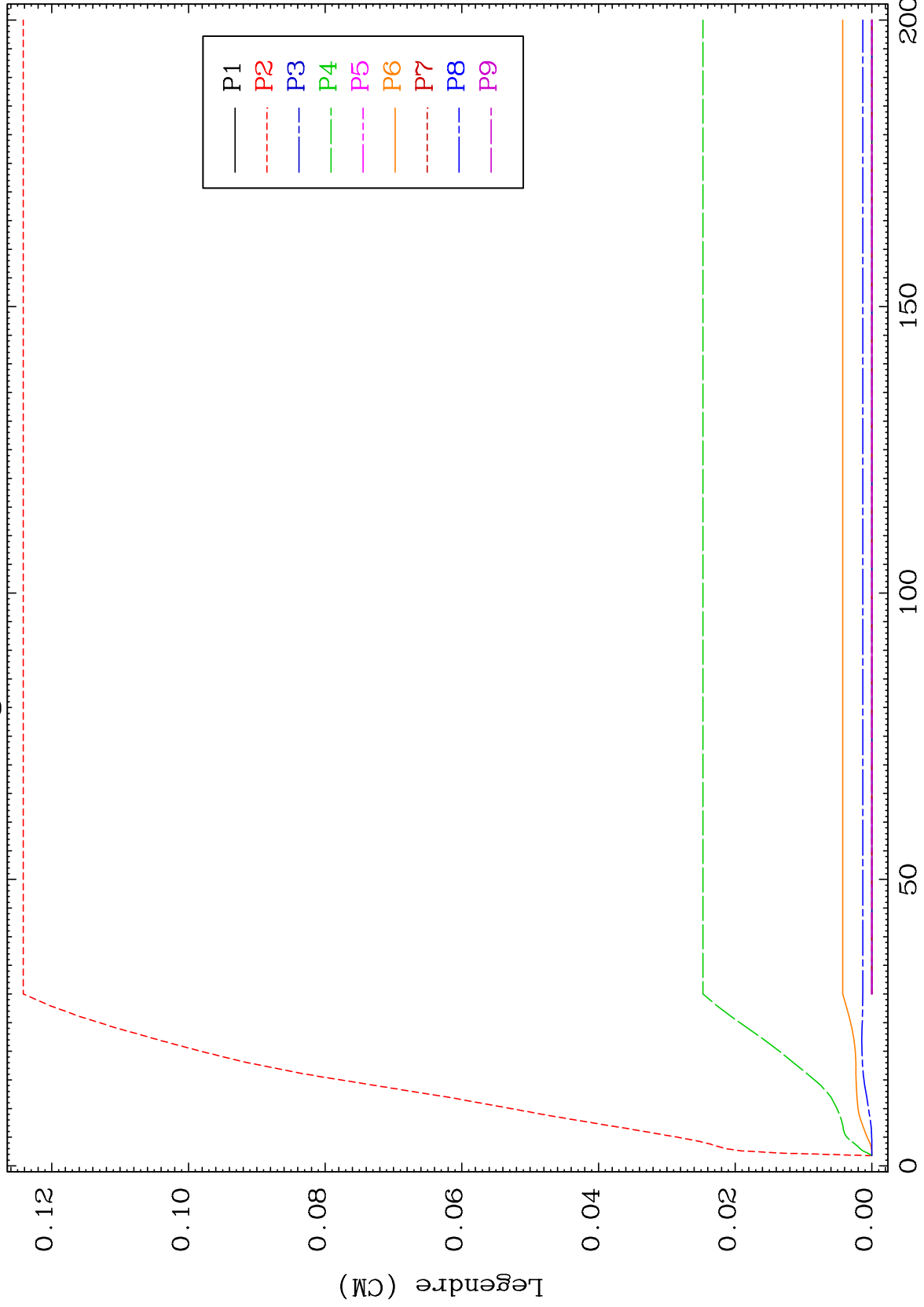


68 63-Eu-145

MAT 6307

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

63-Eu-145



69

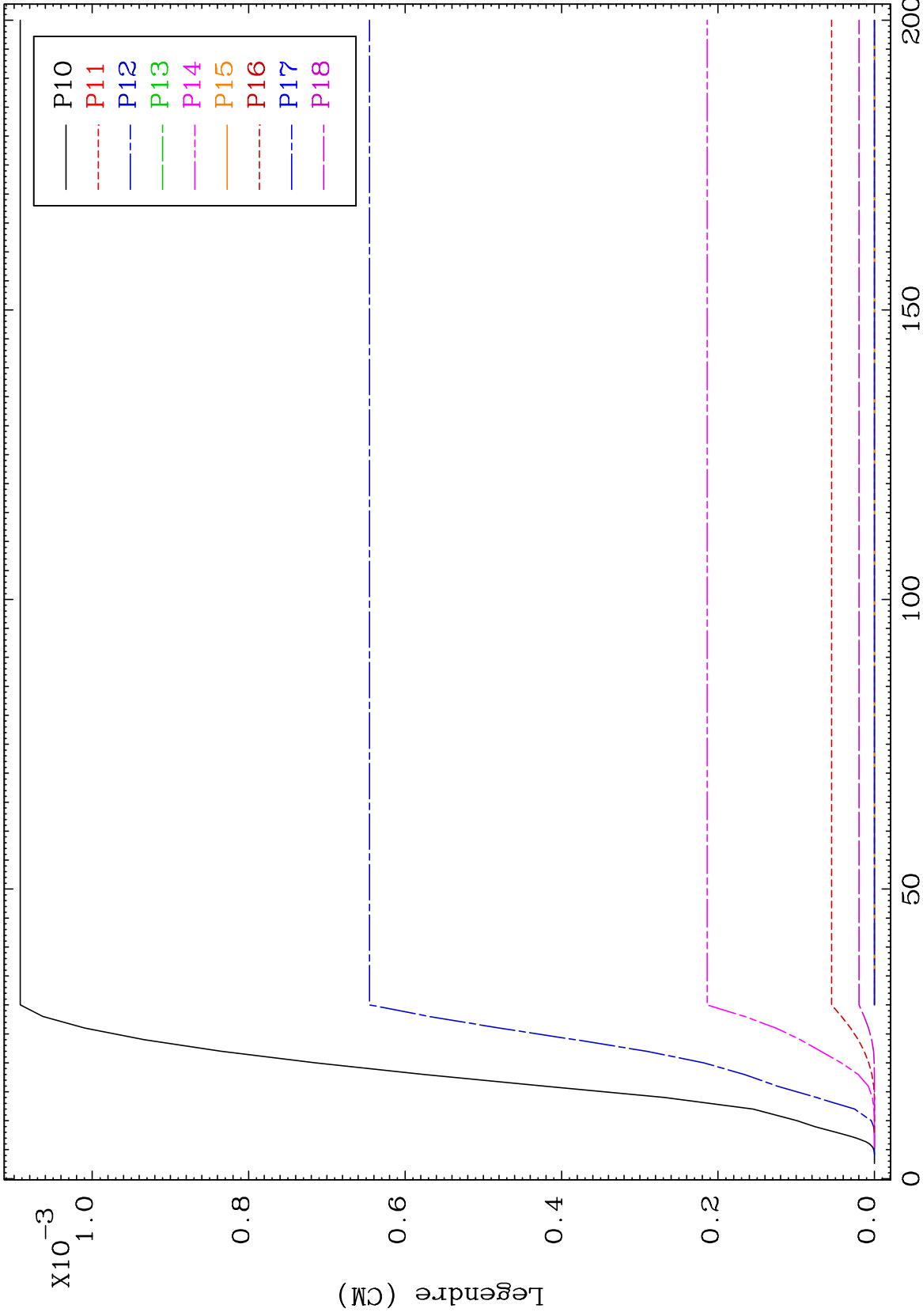
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



70

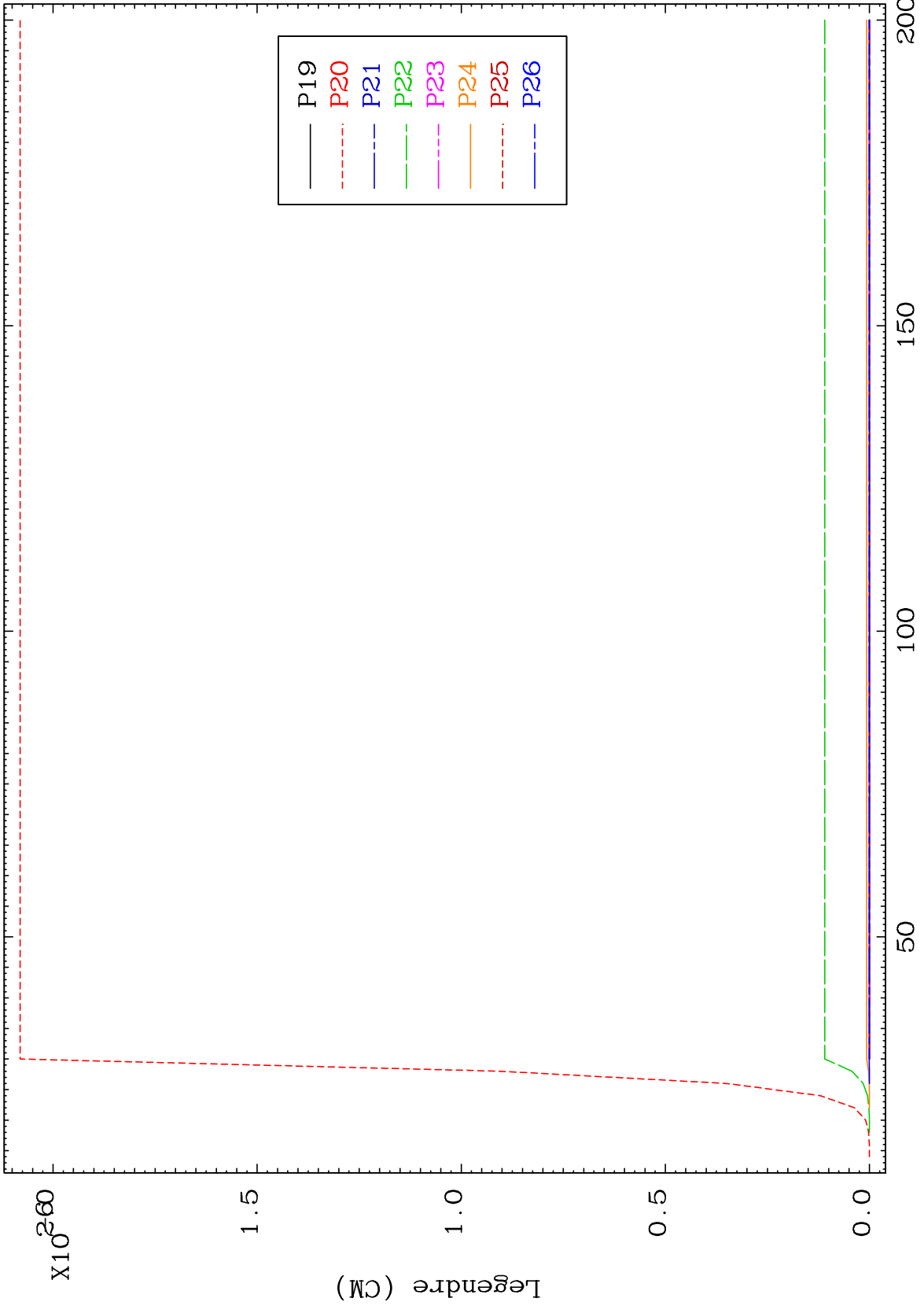
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



71

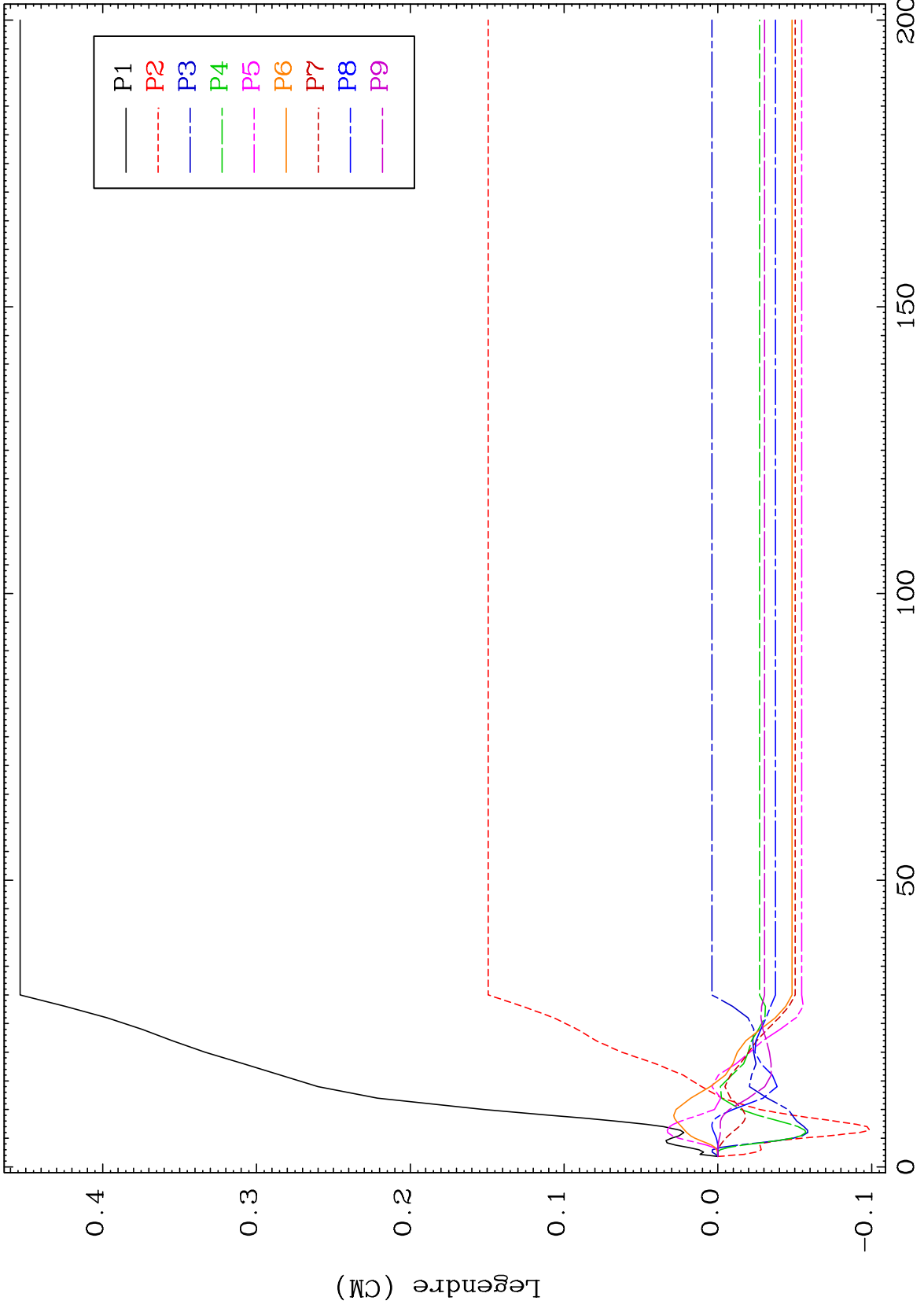
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



72

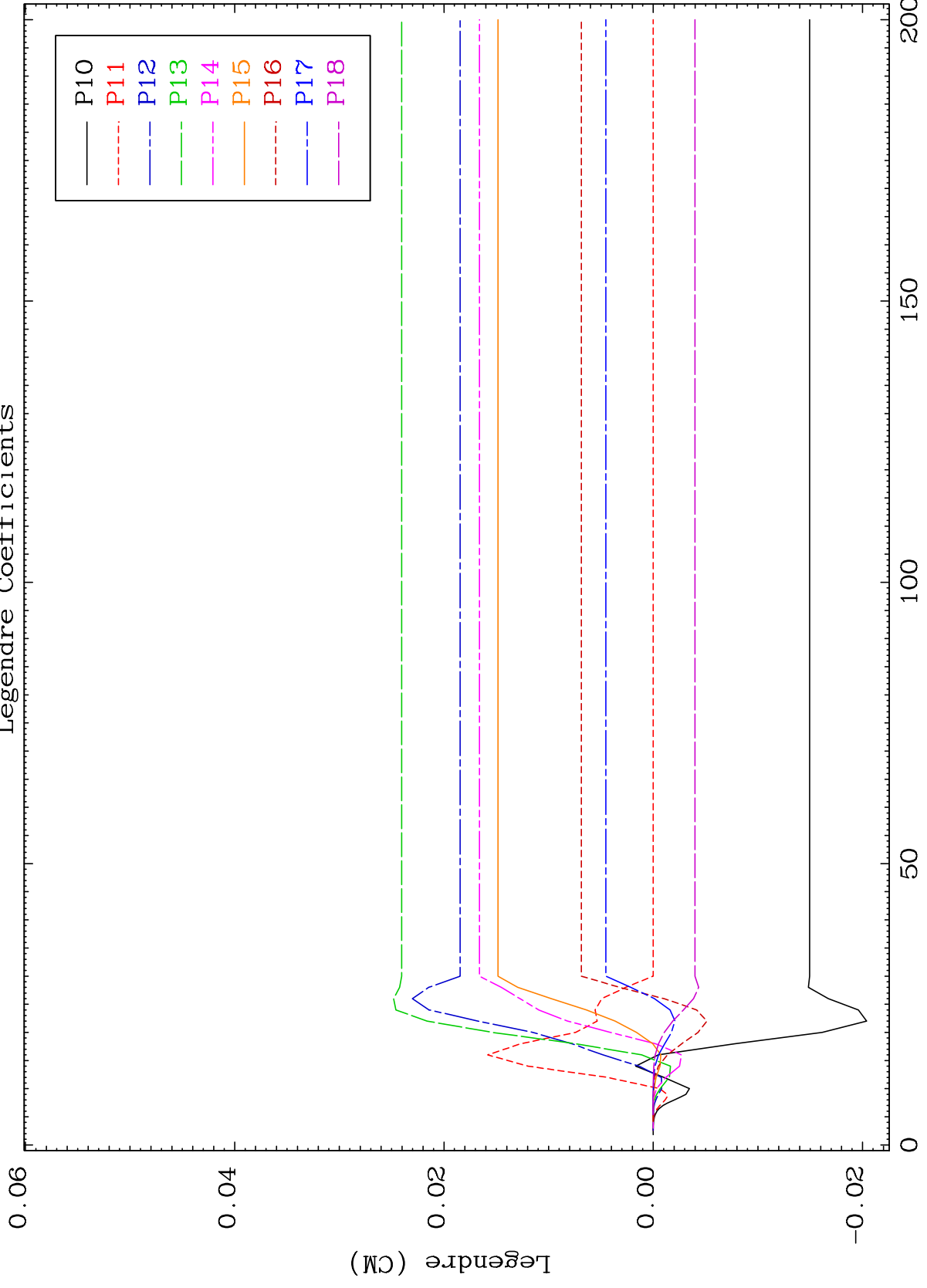
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

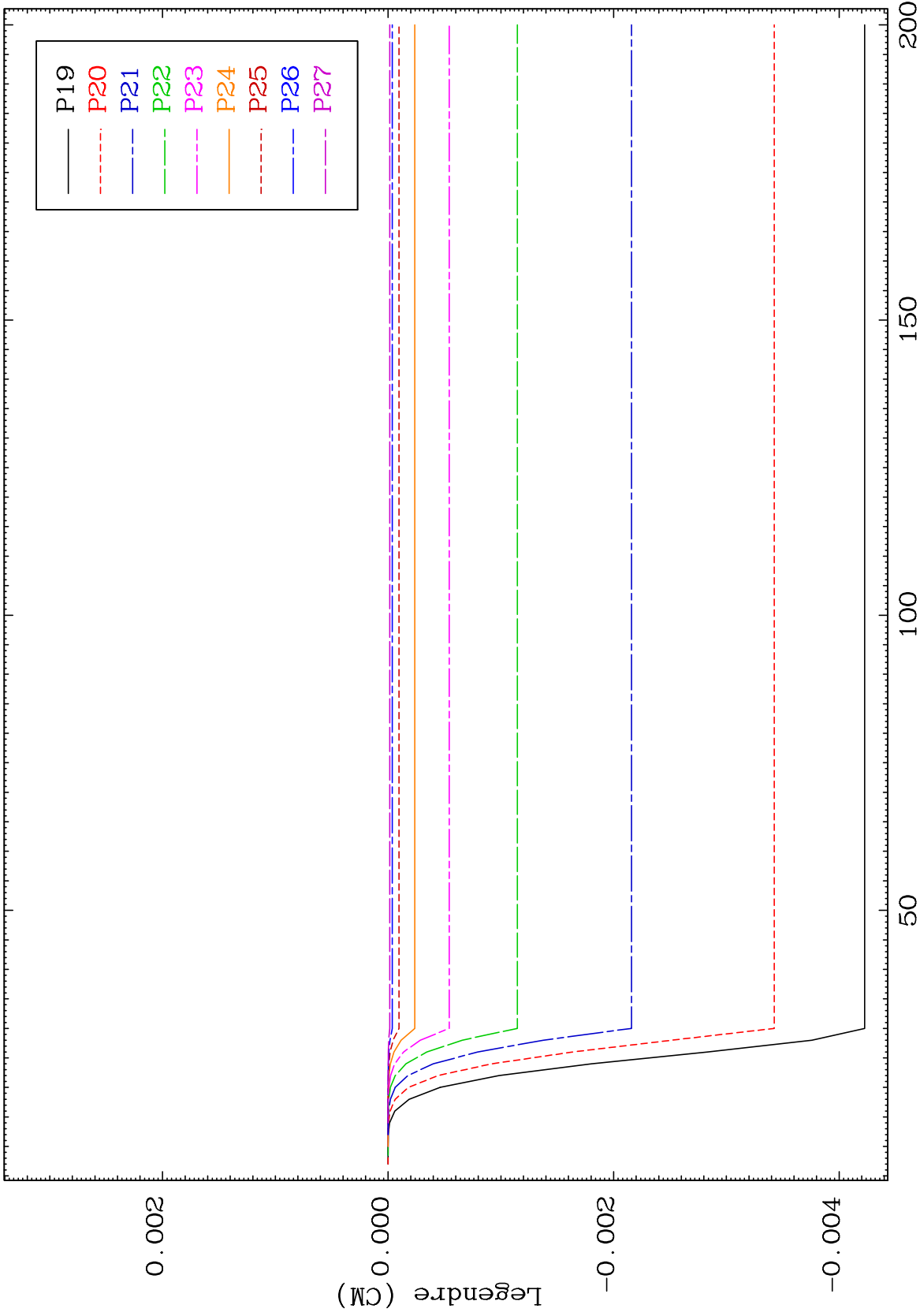
Incident Energy (MeV)

73

MAT 6307

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

63-Eu-145



74

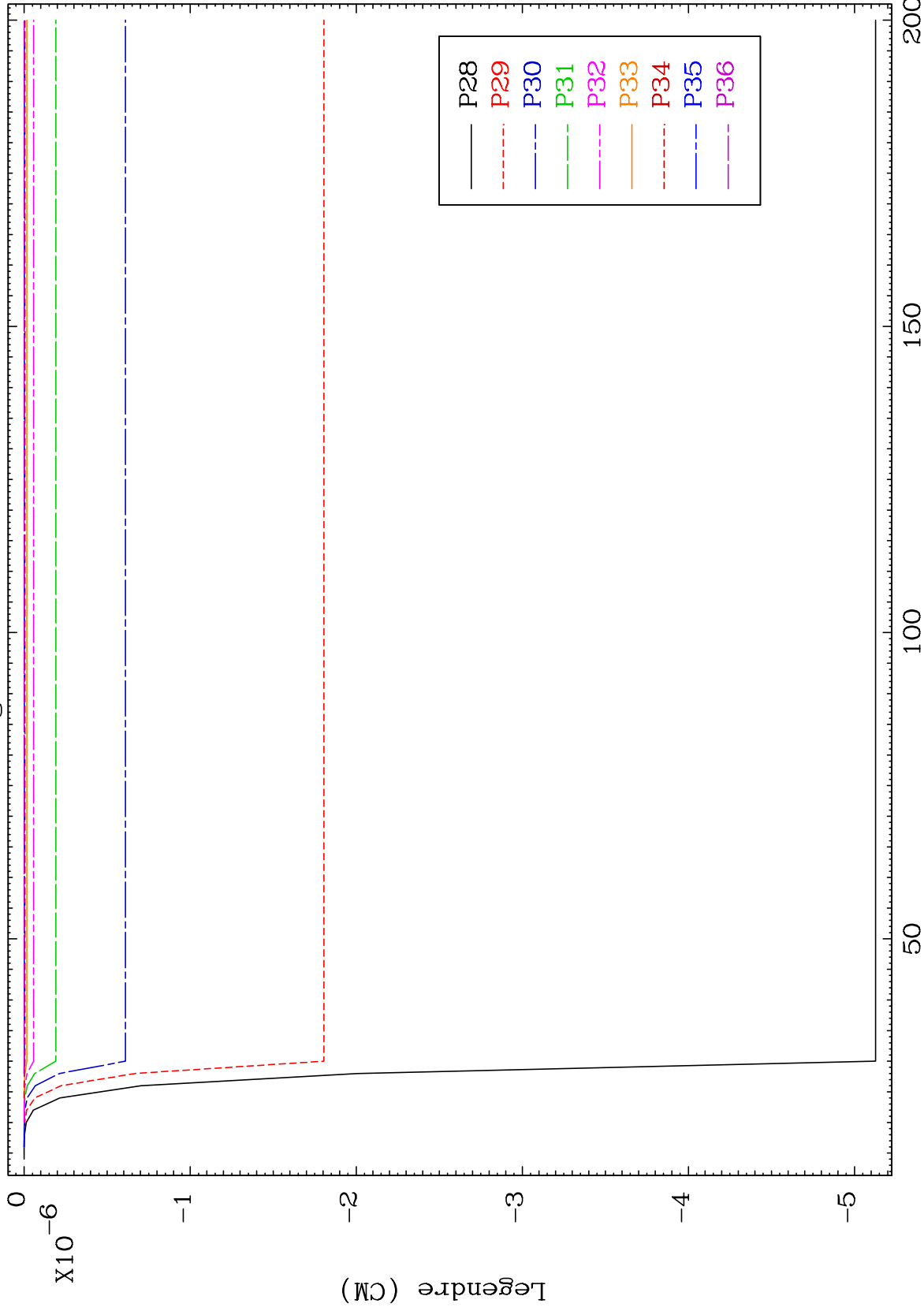
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

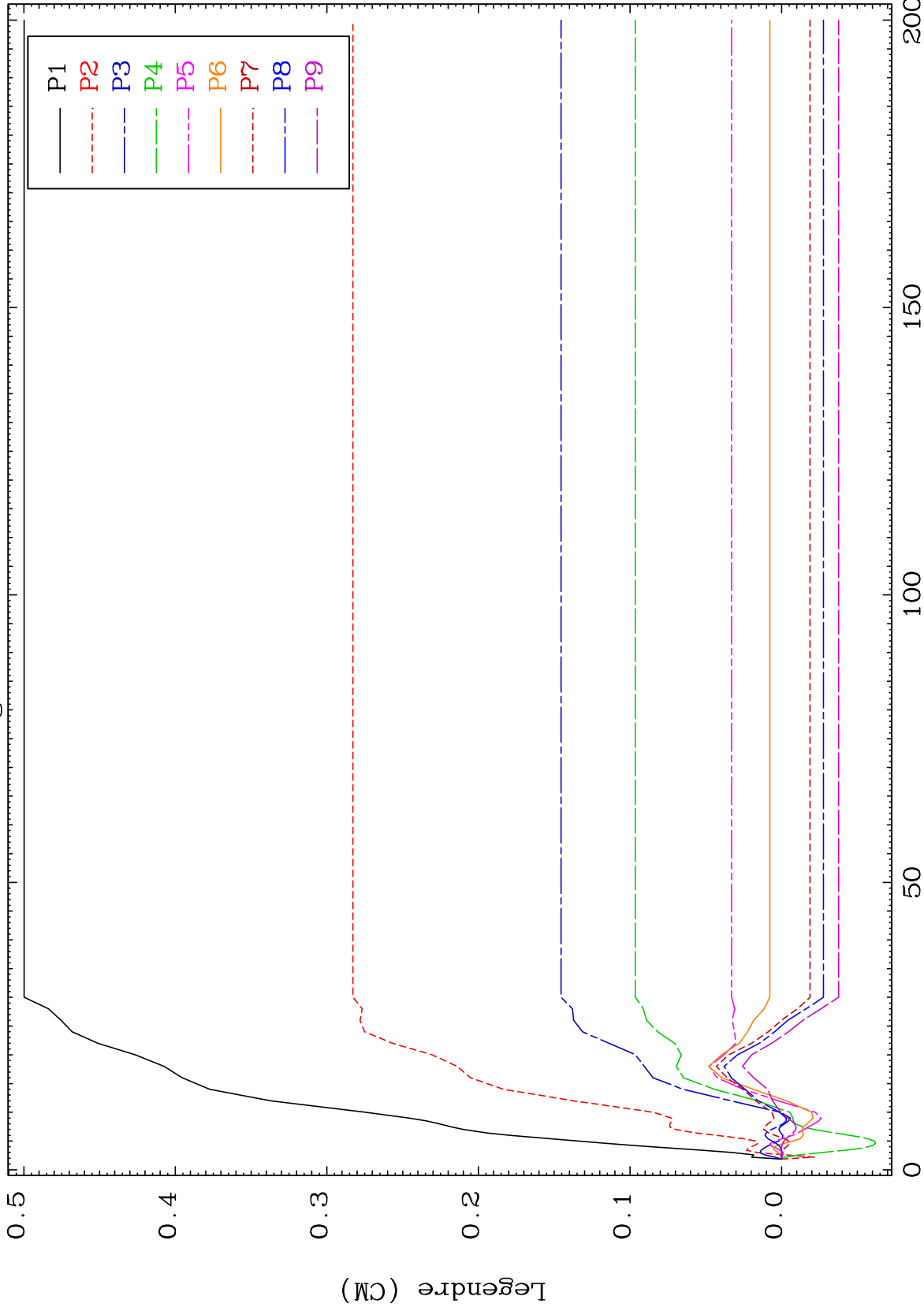
Incident Energy (MeV)

75

MAT 6307

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

63-Eu-145



76

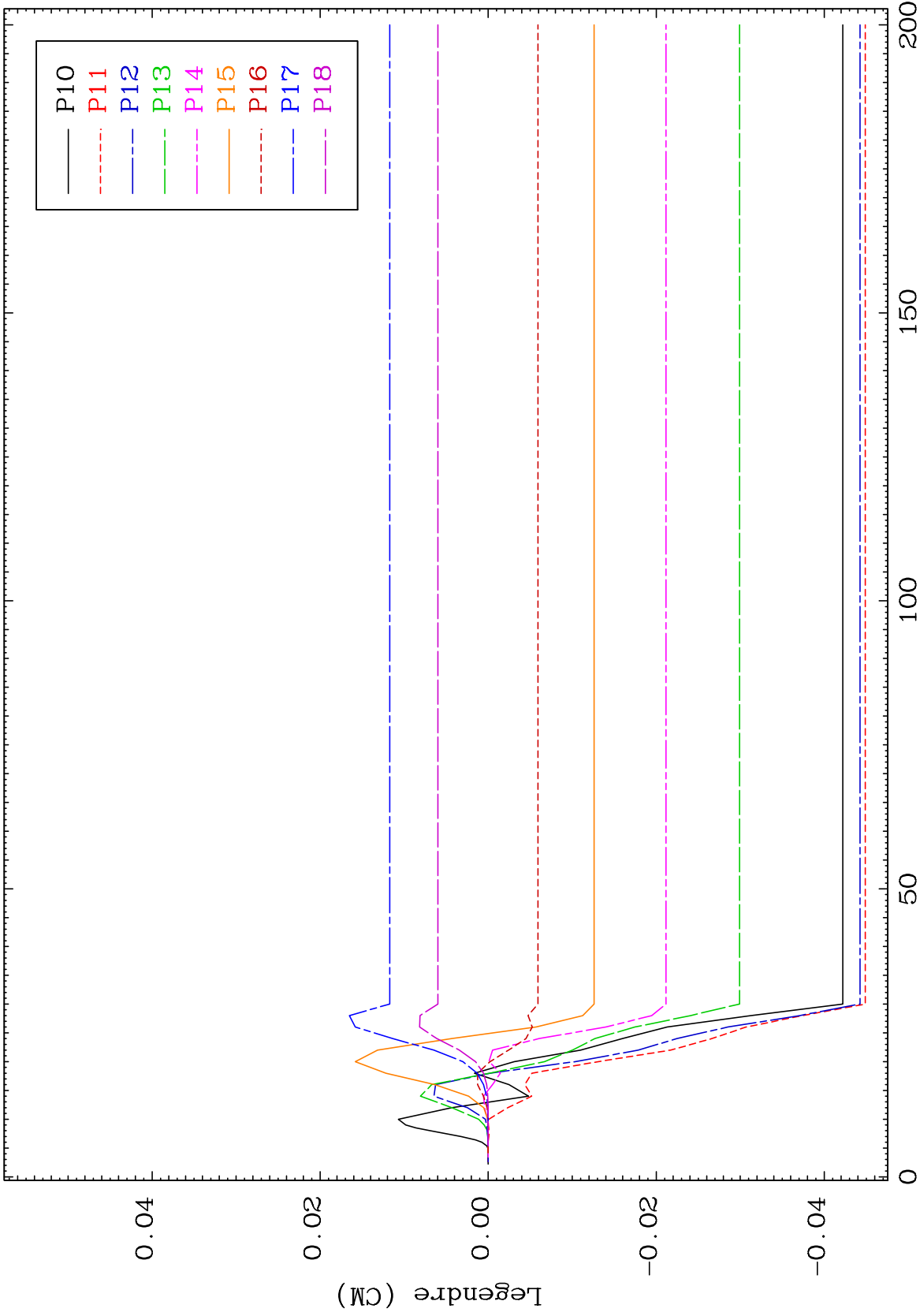
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



77

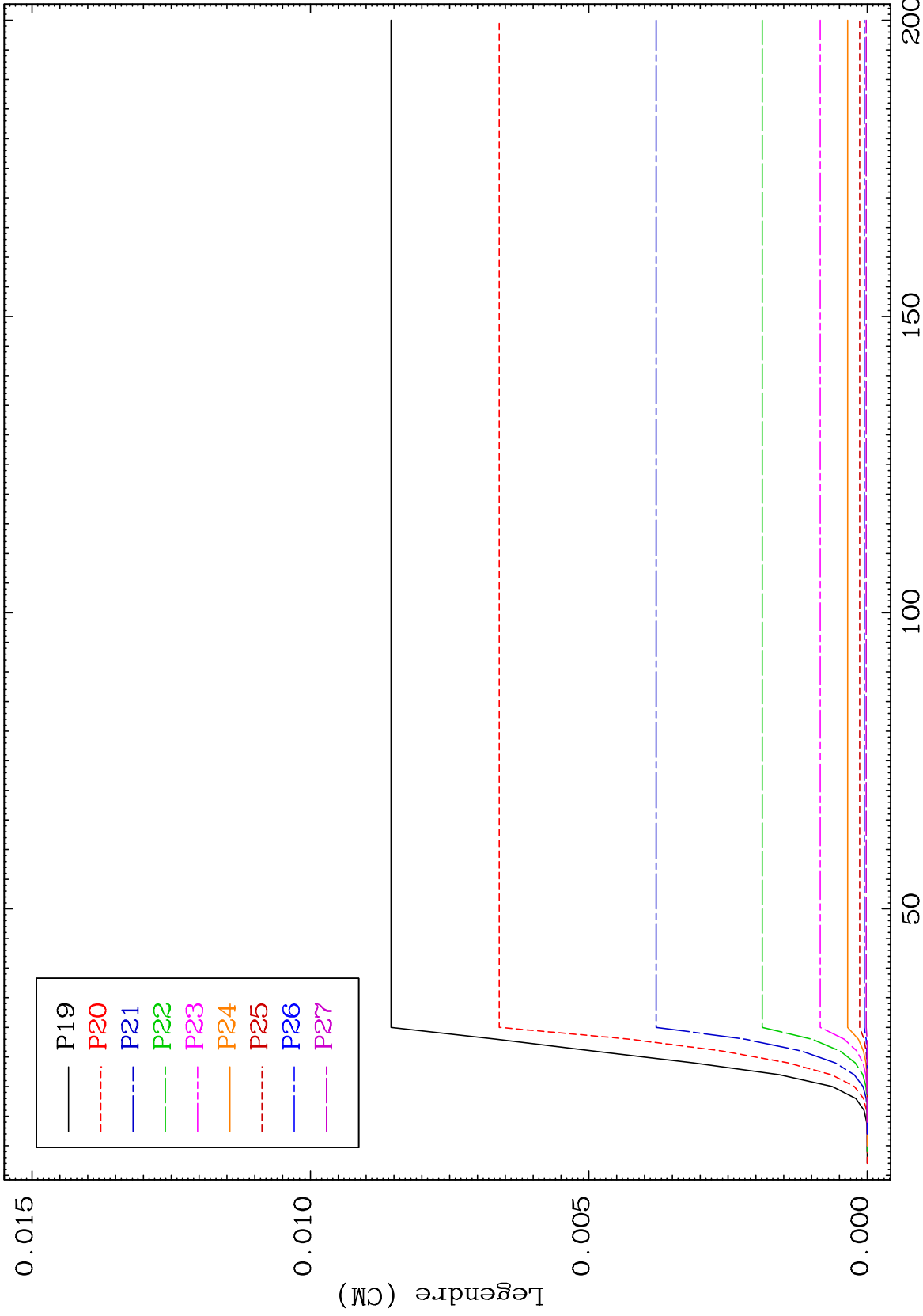
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



78

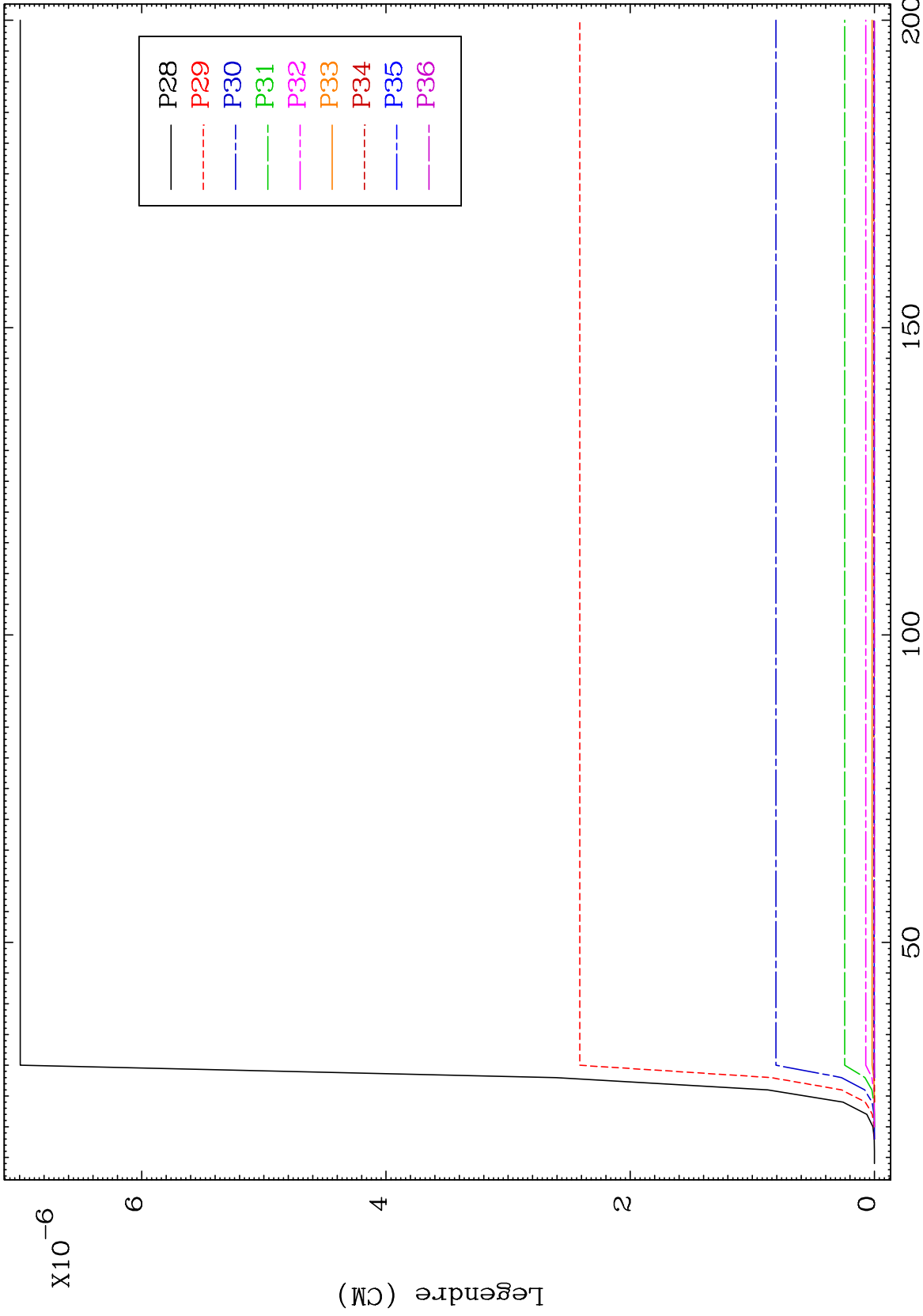
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



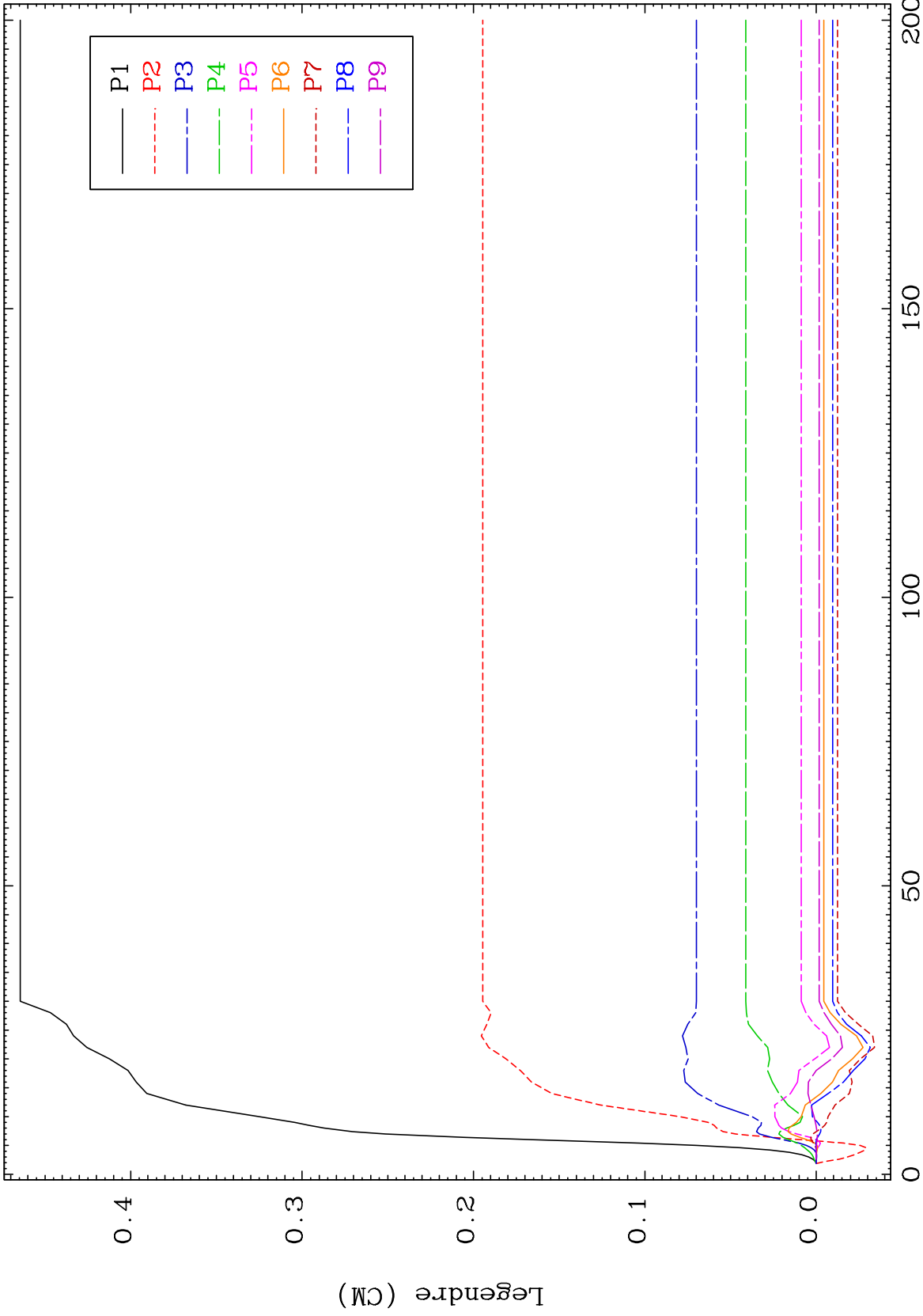
79

63-Eu-145

MAT 6307

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

63-Eu-145



80

Incident Energy (MeV)

63-Eu-145

200

150

100

50

0.4

0.3

0.2

0.1

0.0

P1

P2

P3

P4

P5

P6

P7

P8

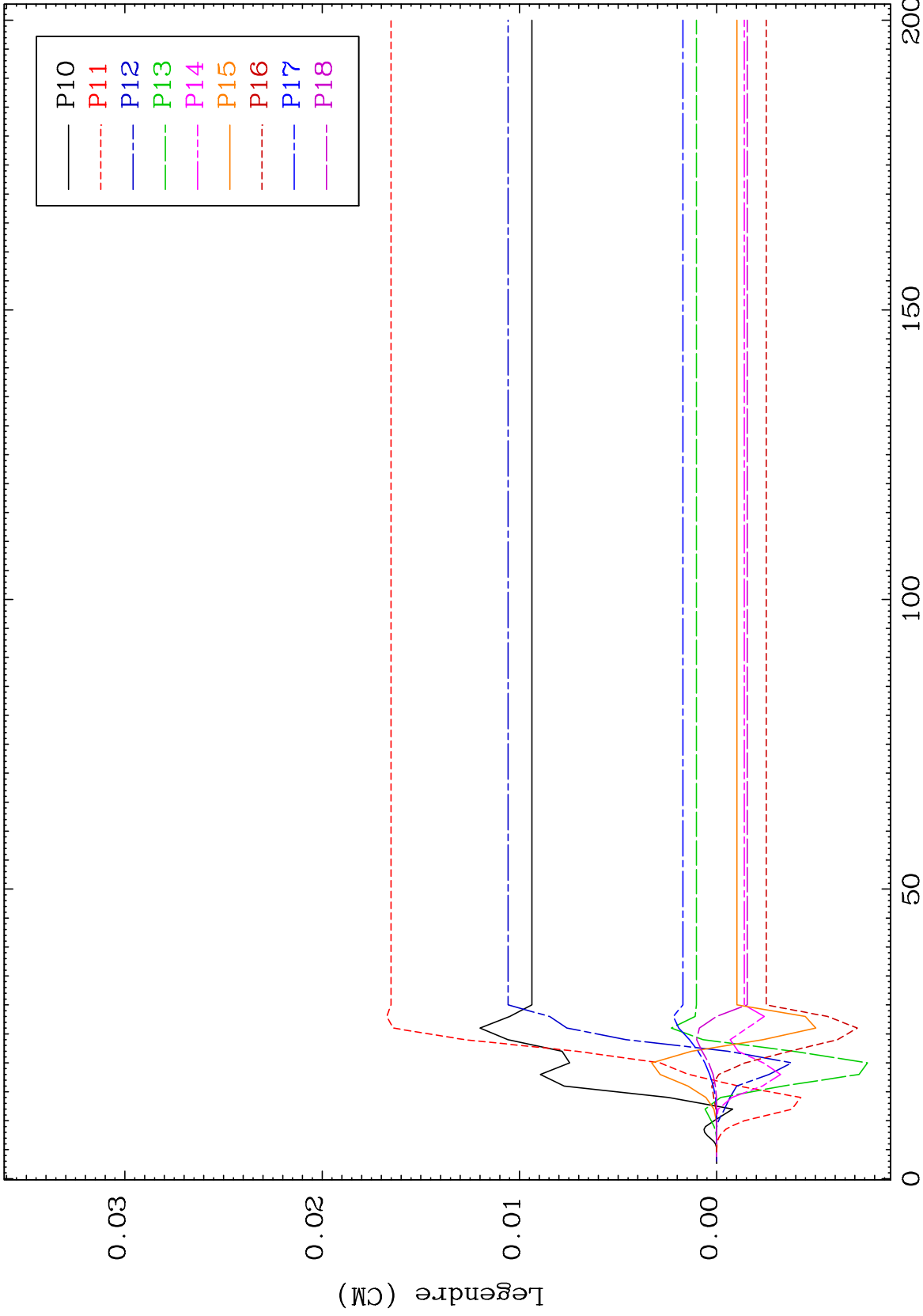
P9

Legendre (CM)

MAT 6307

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

63-Eu-145



81

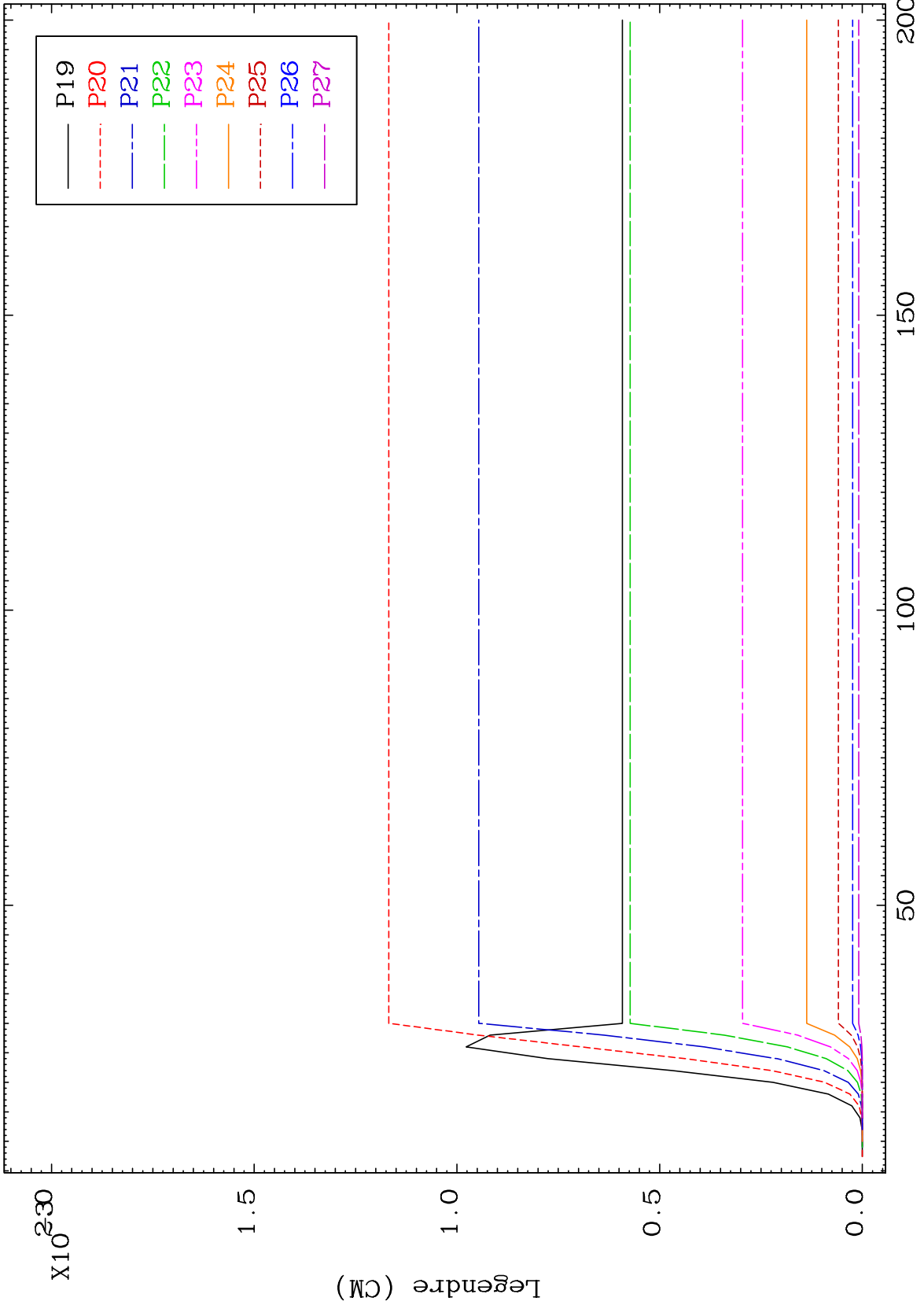
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



82

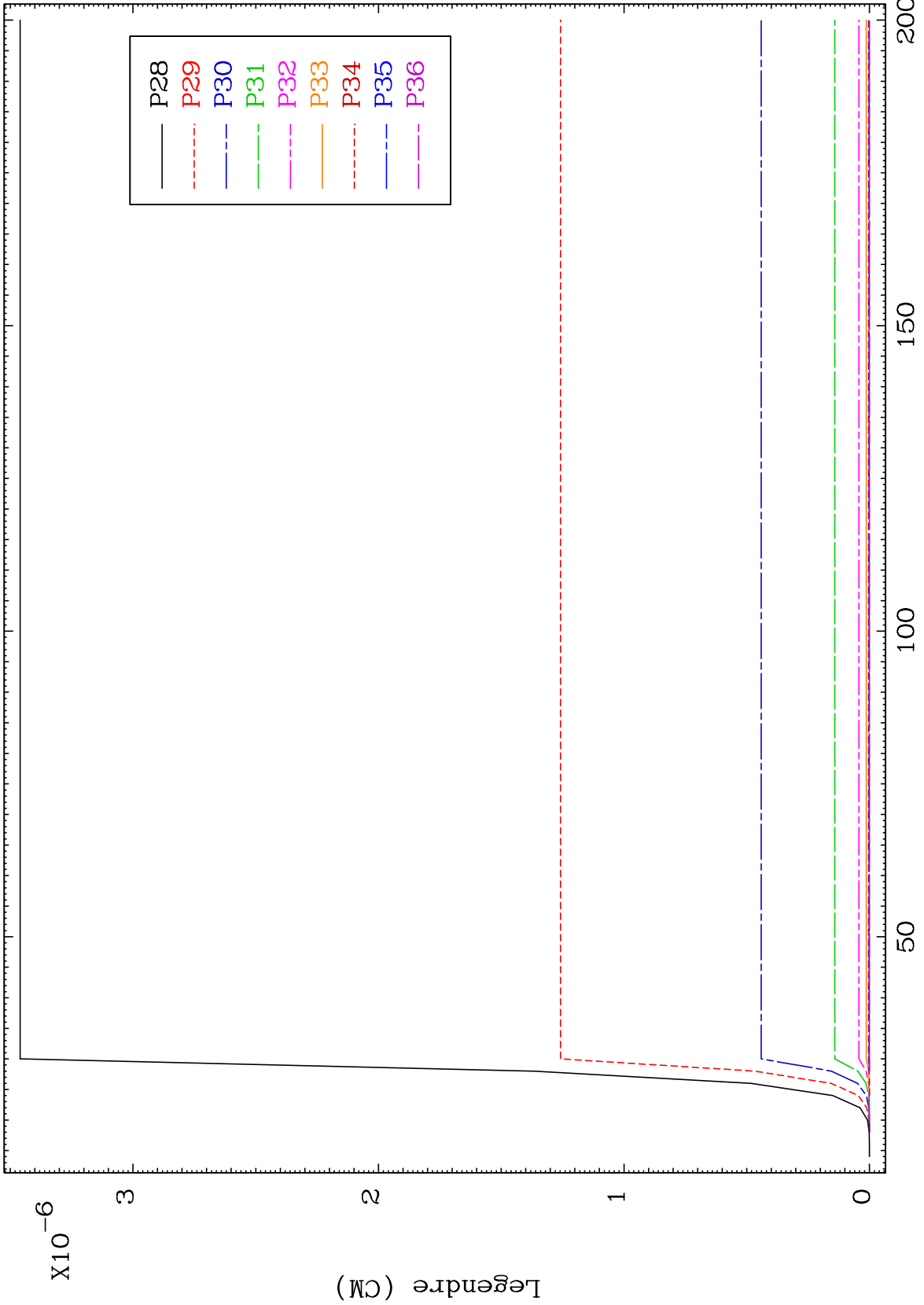
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



83

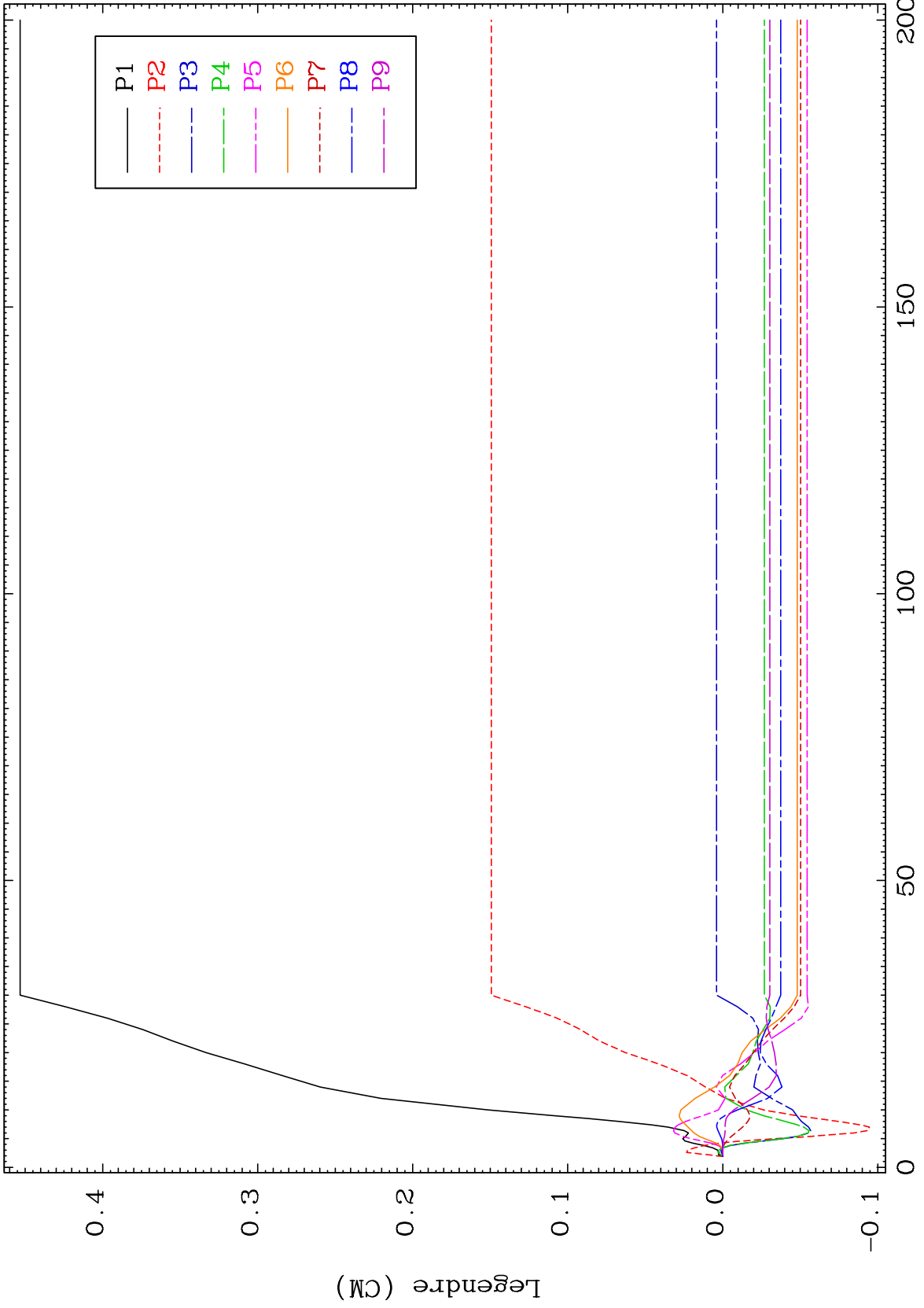
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



84

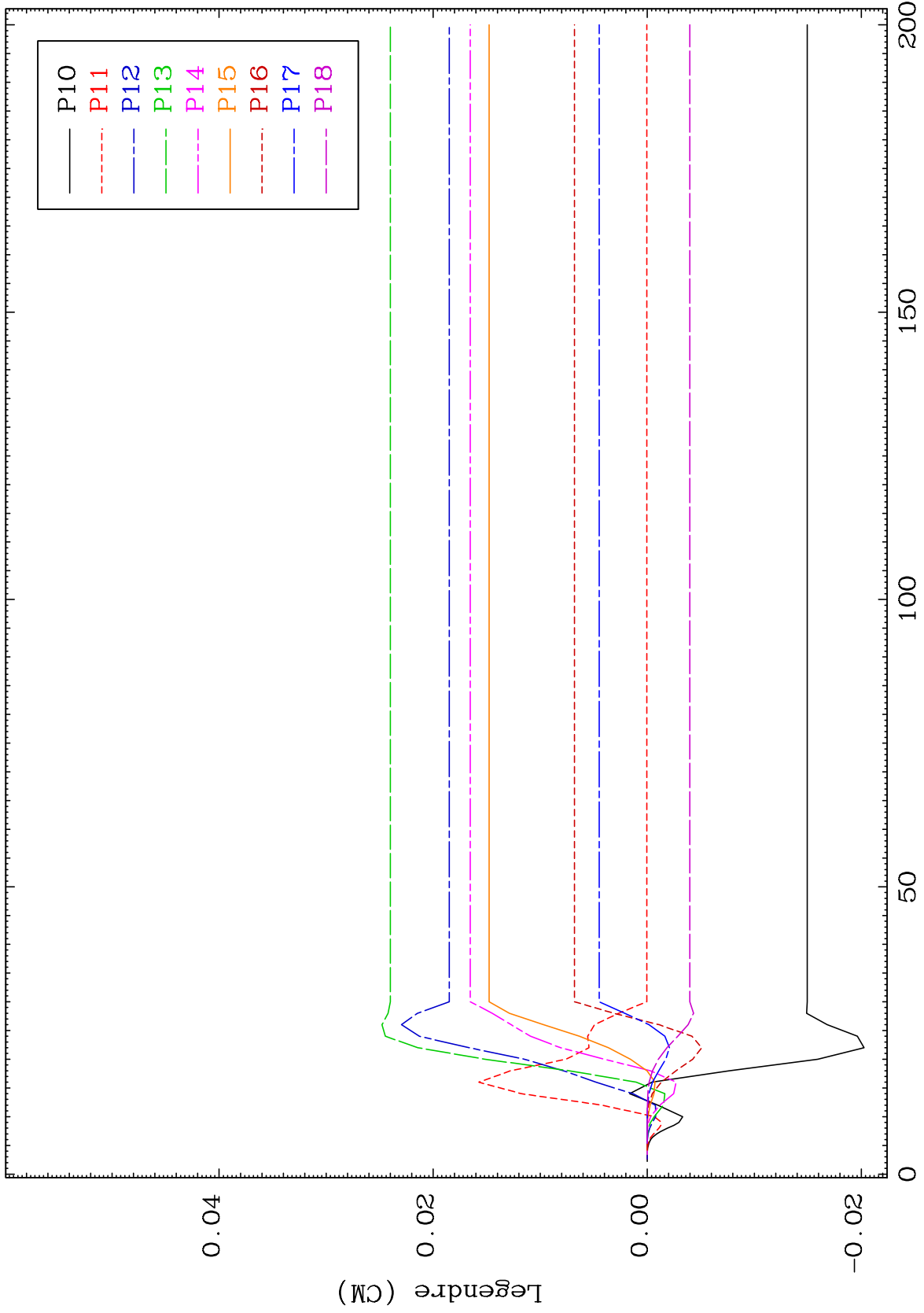
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



85

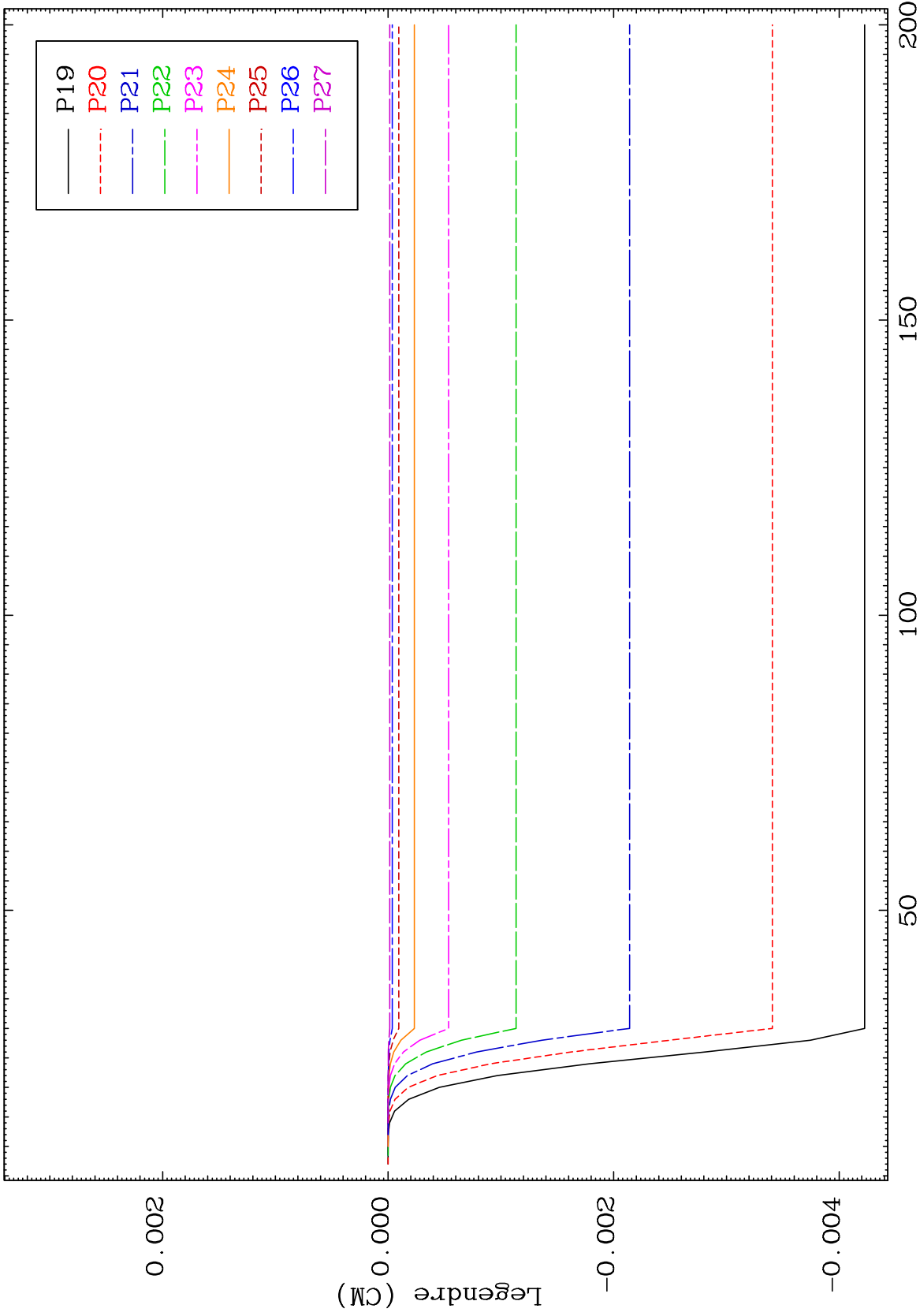
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



86

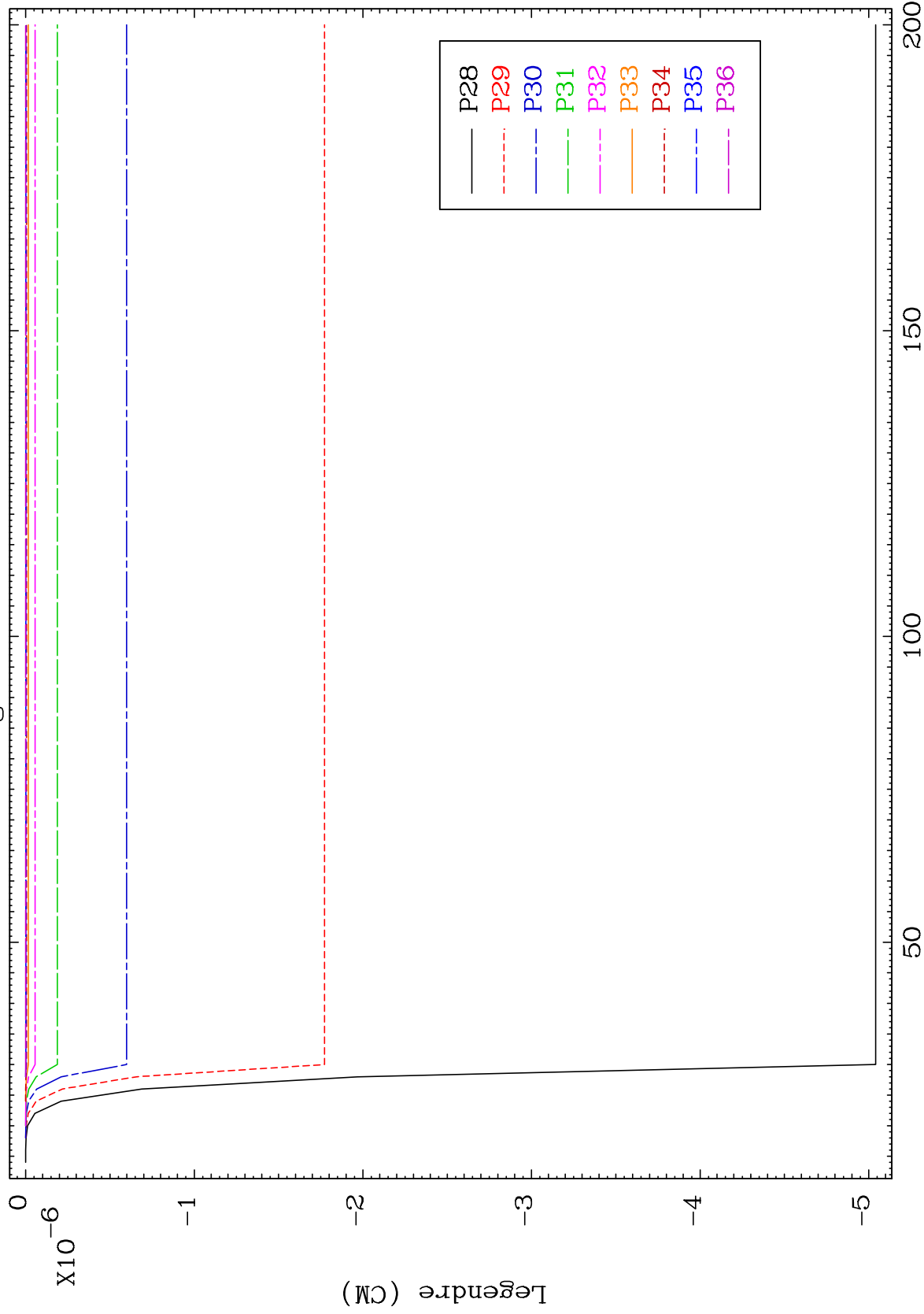
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



87

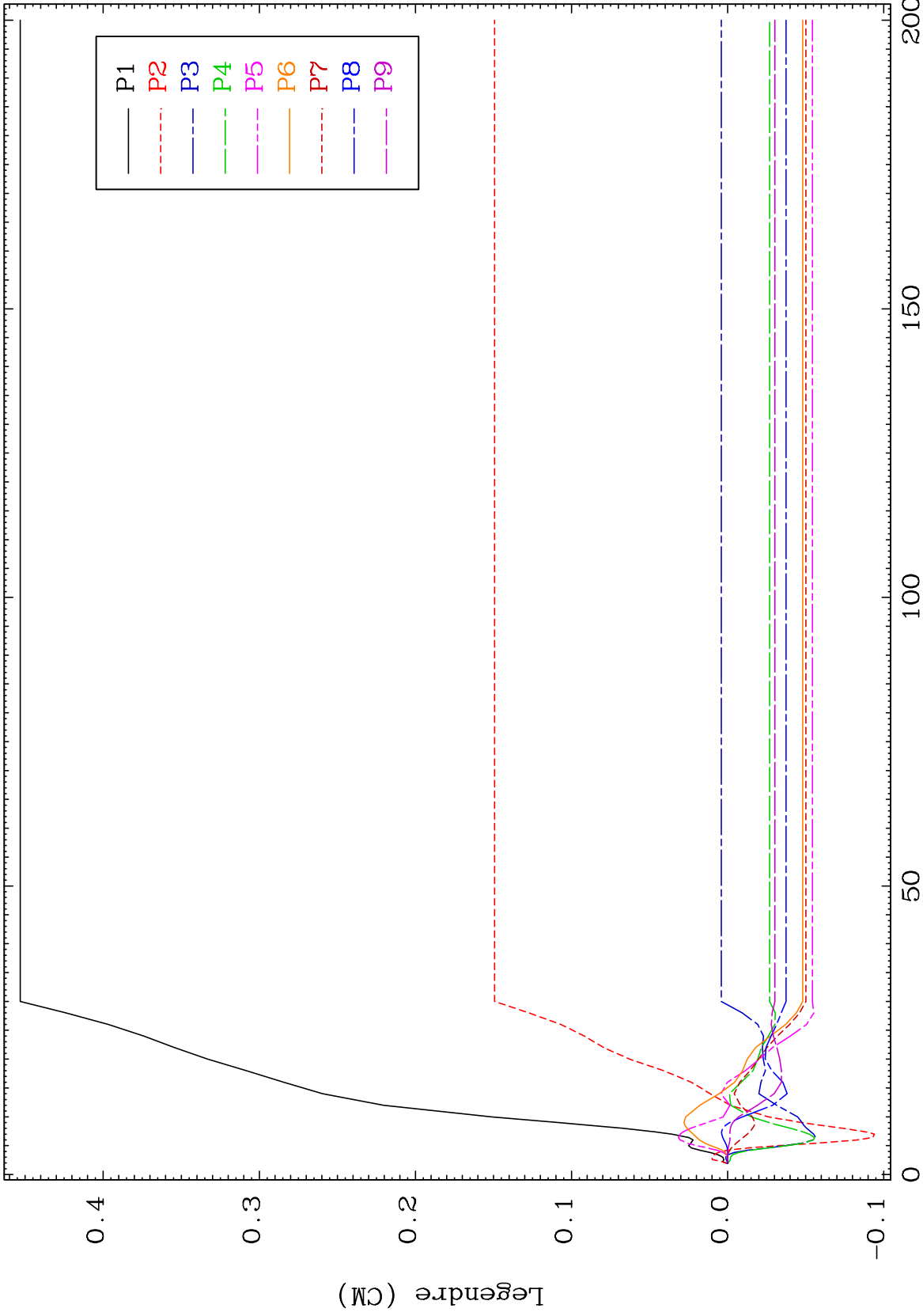
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



88

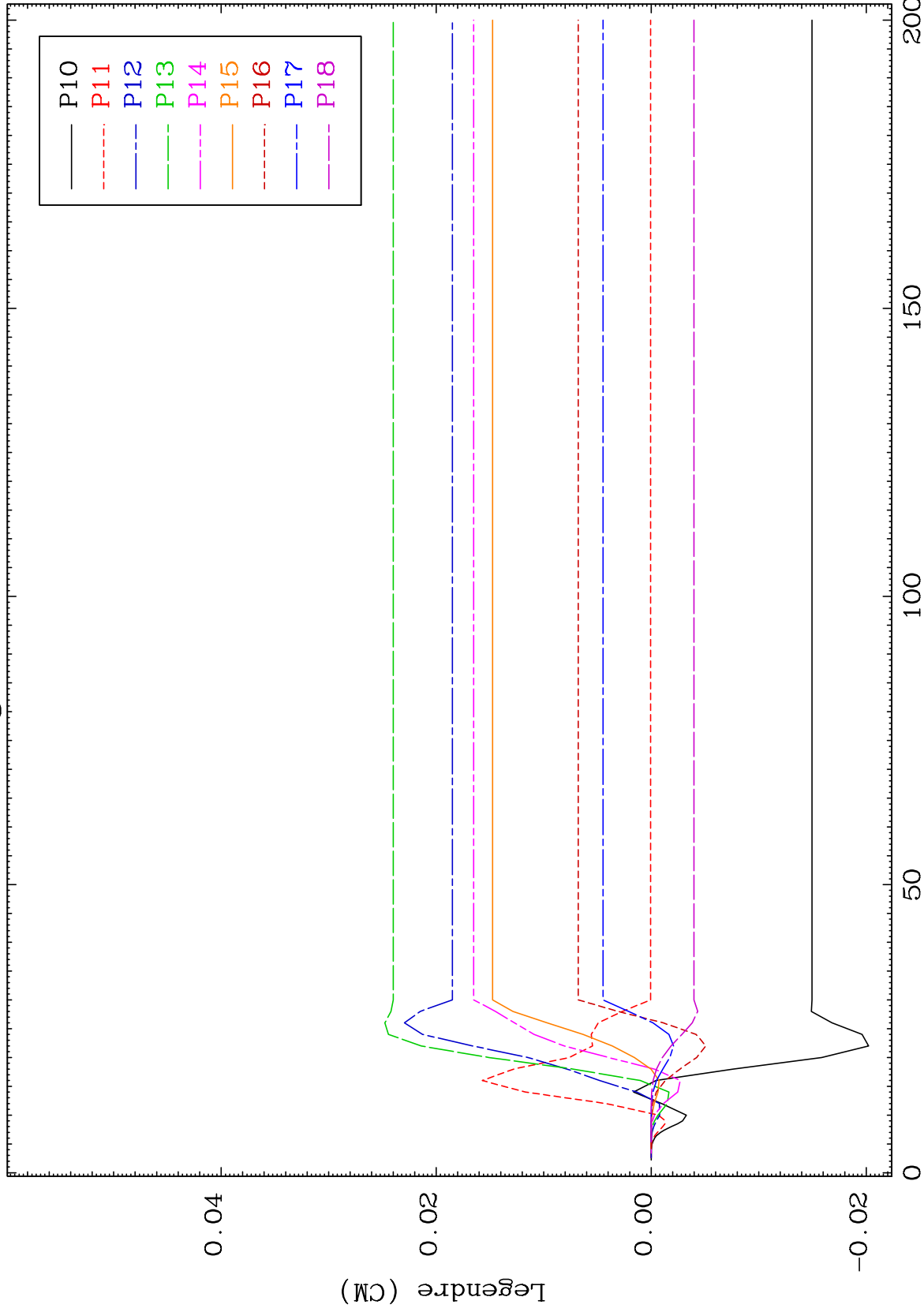
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



89

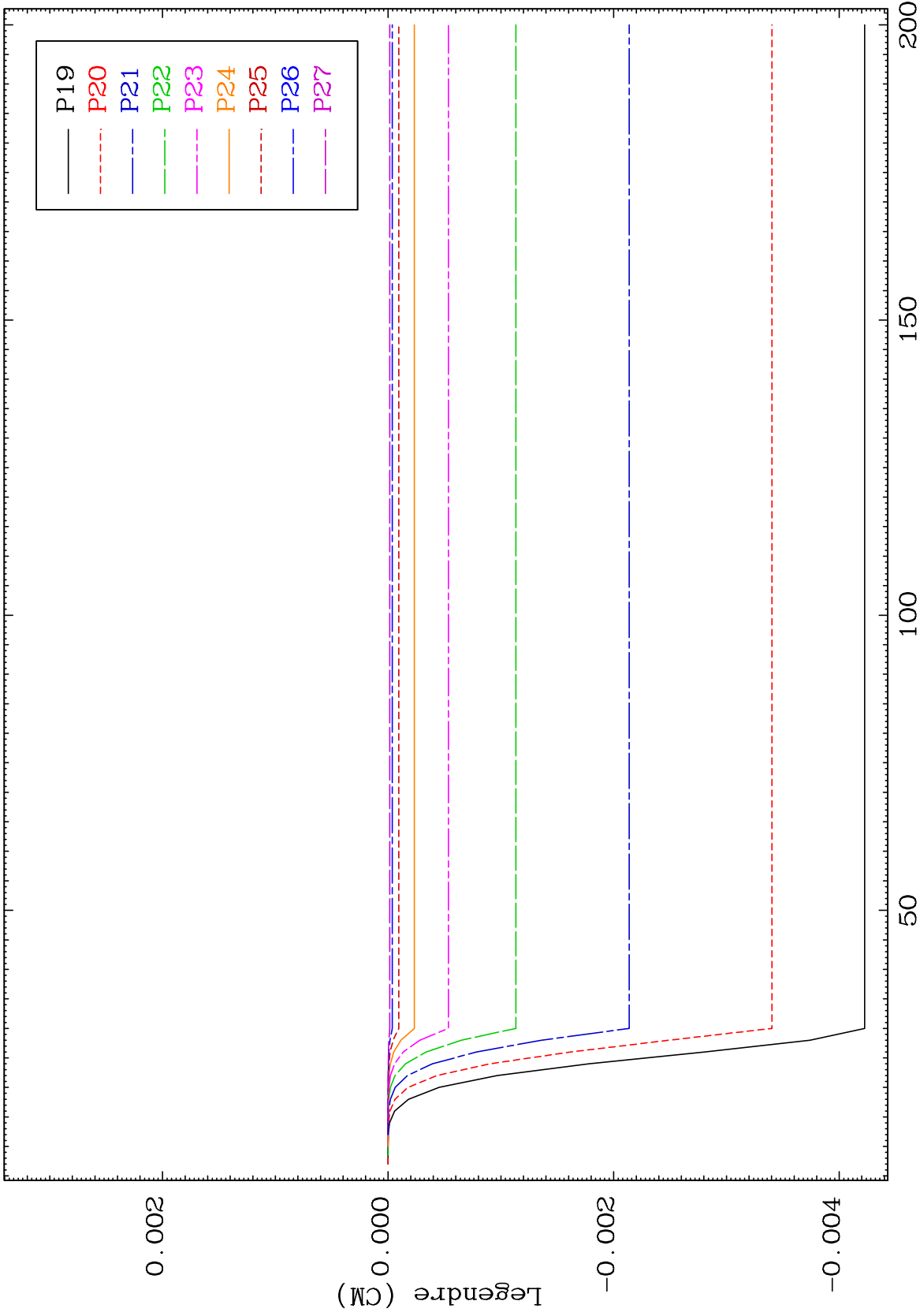
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



90

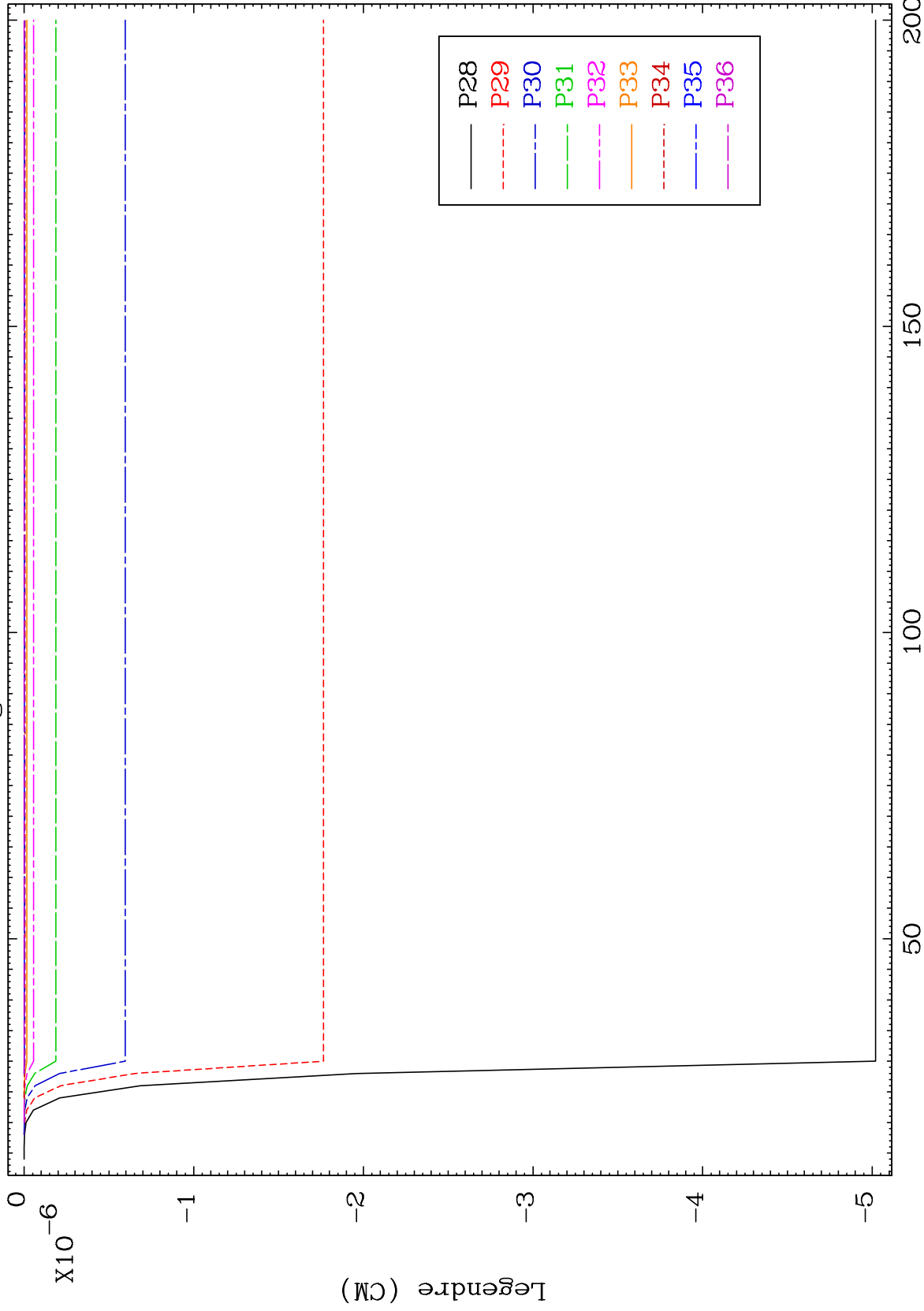
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



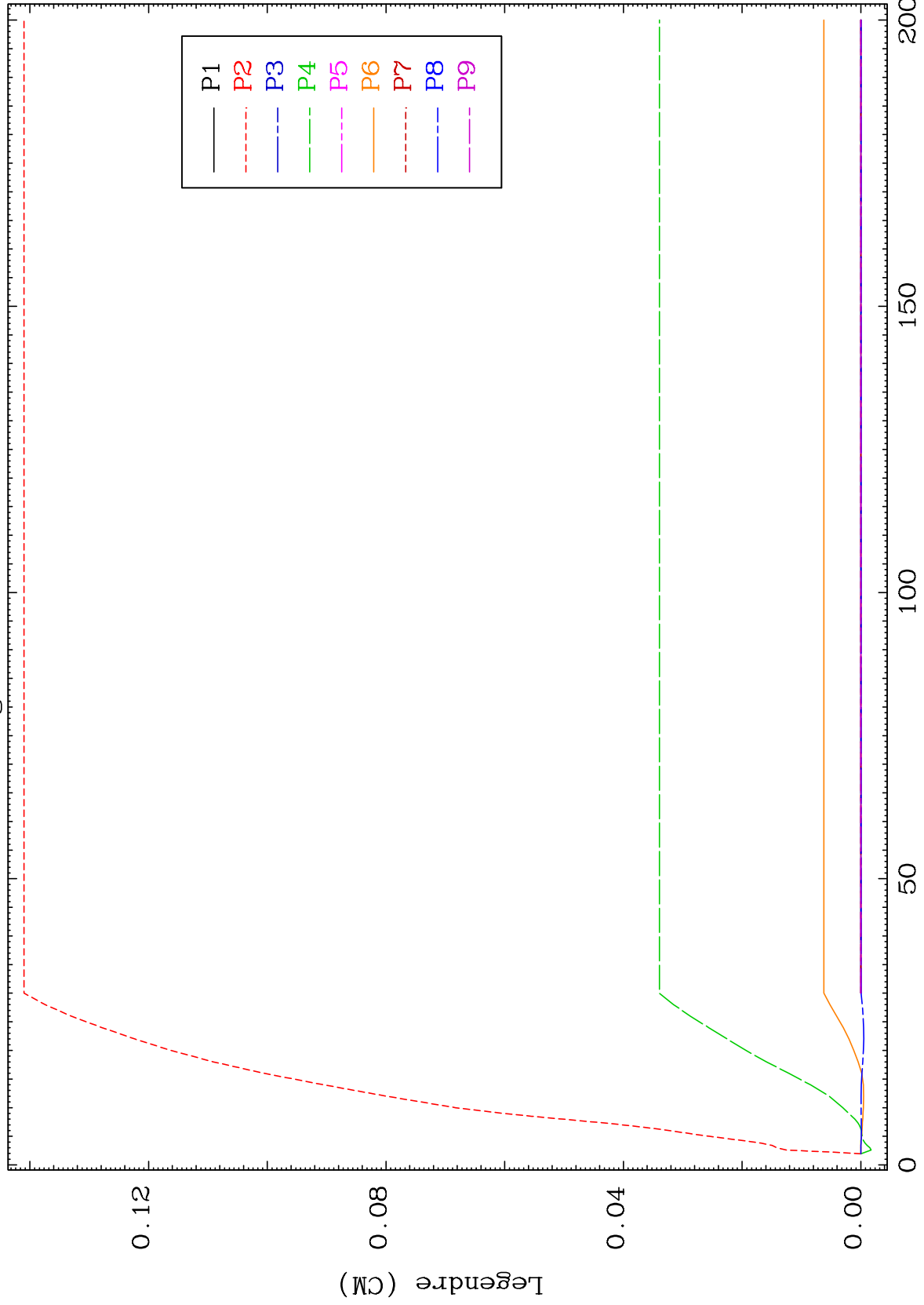
91

63-Eu-145

MAT 6307

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

63-Eu-145

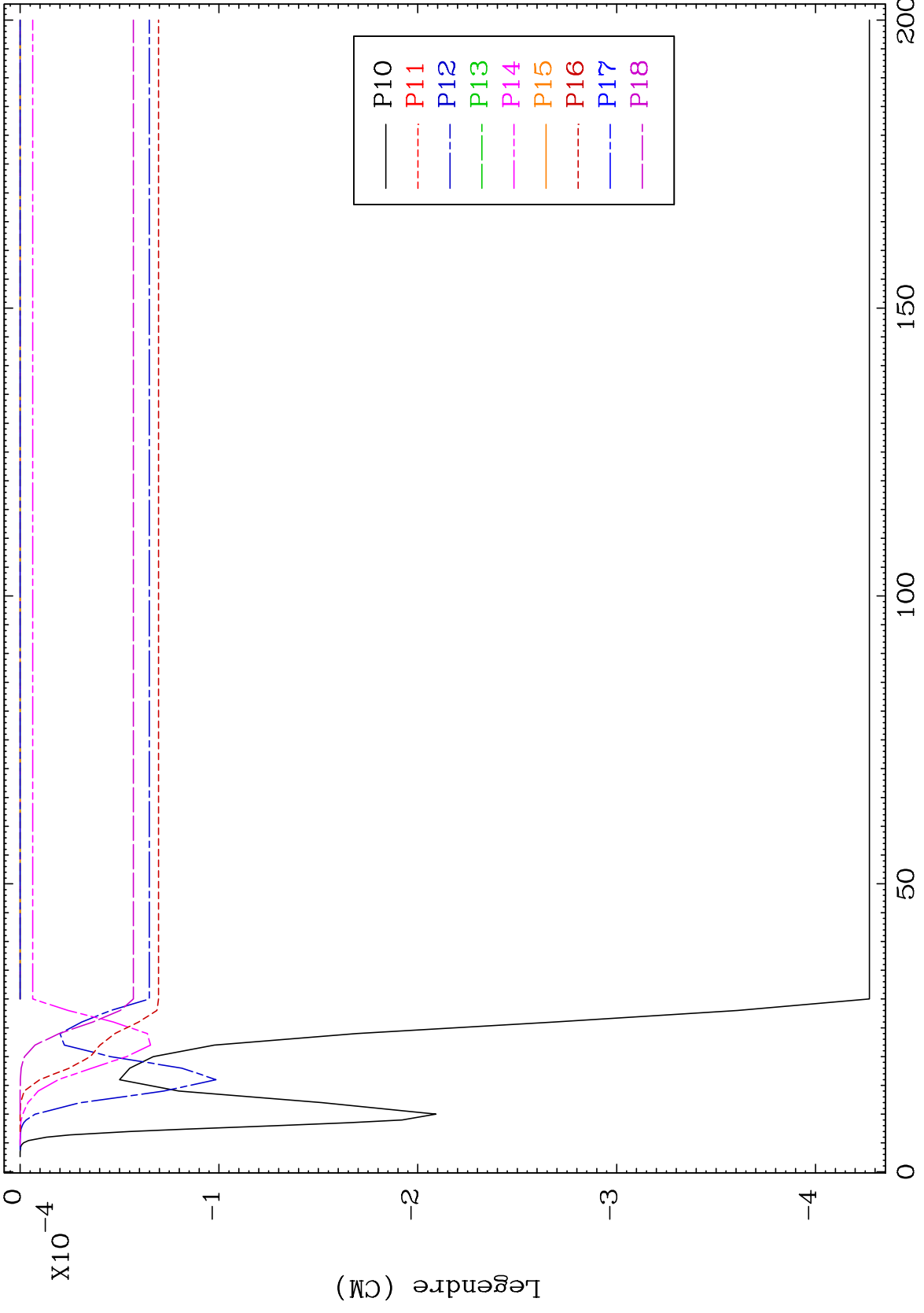


92

Incident Energy (MeV)

63-Eu-145

MAT 6307 MT= 71 (n,n') Level Legendre Coefficients 63-Eu-145

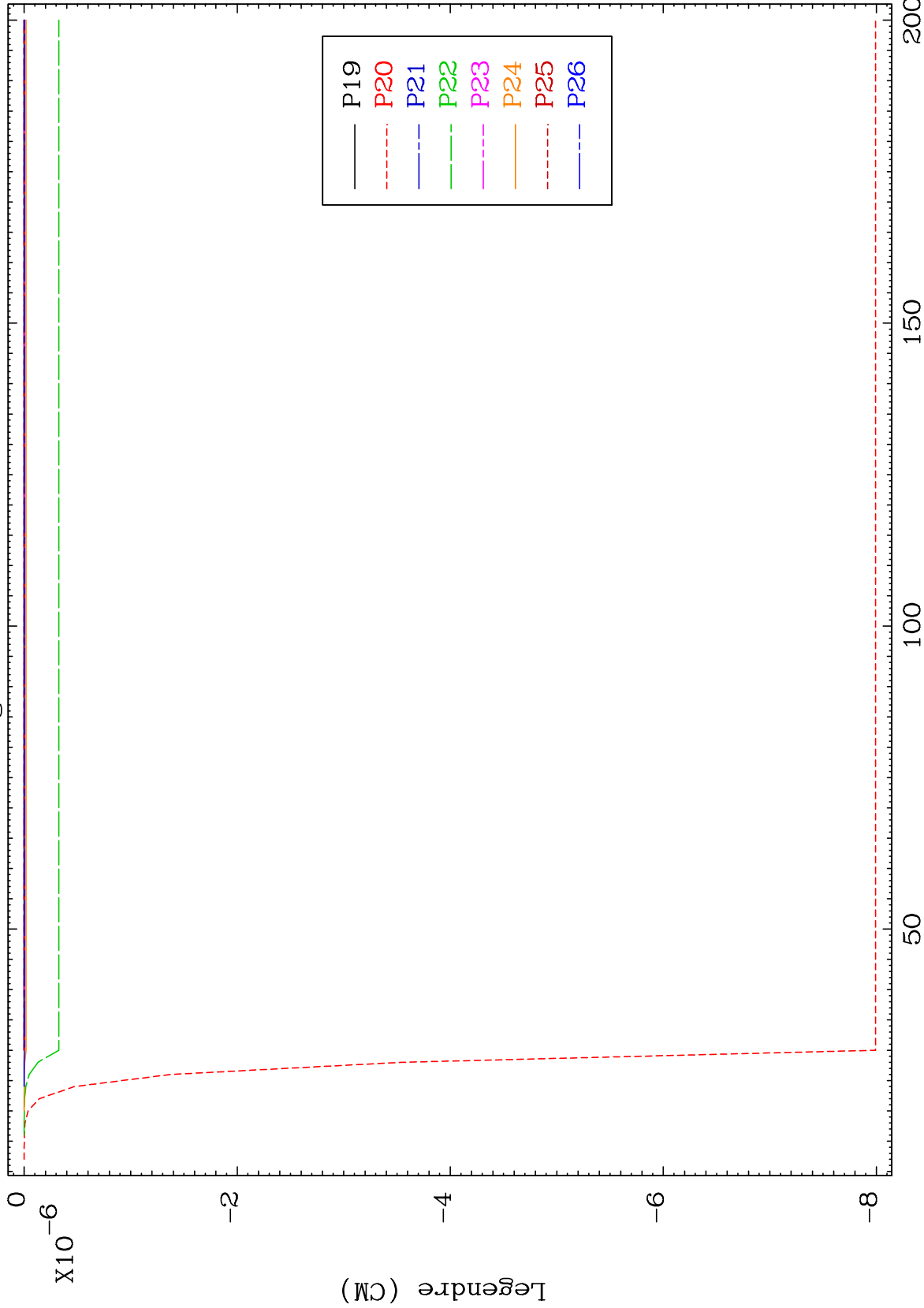


93 63-Eu-145

MAT 6307

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

63-Eu-145



94

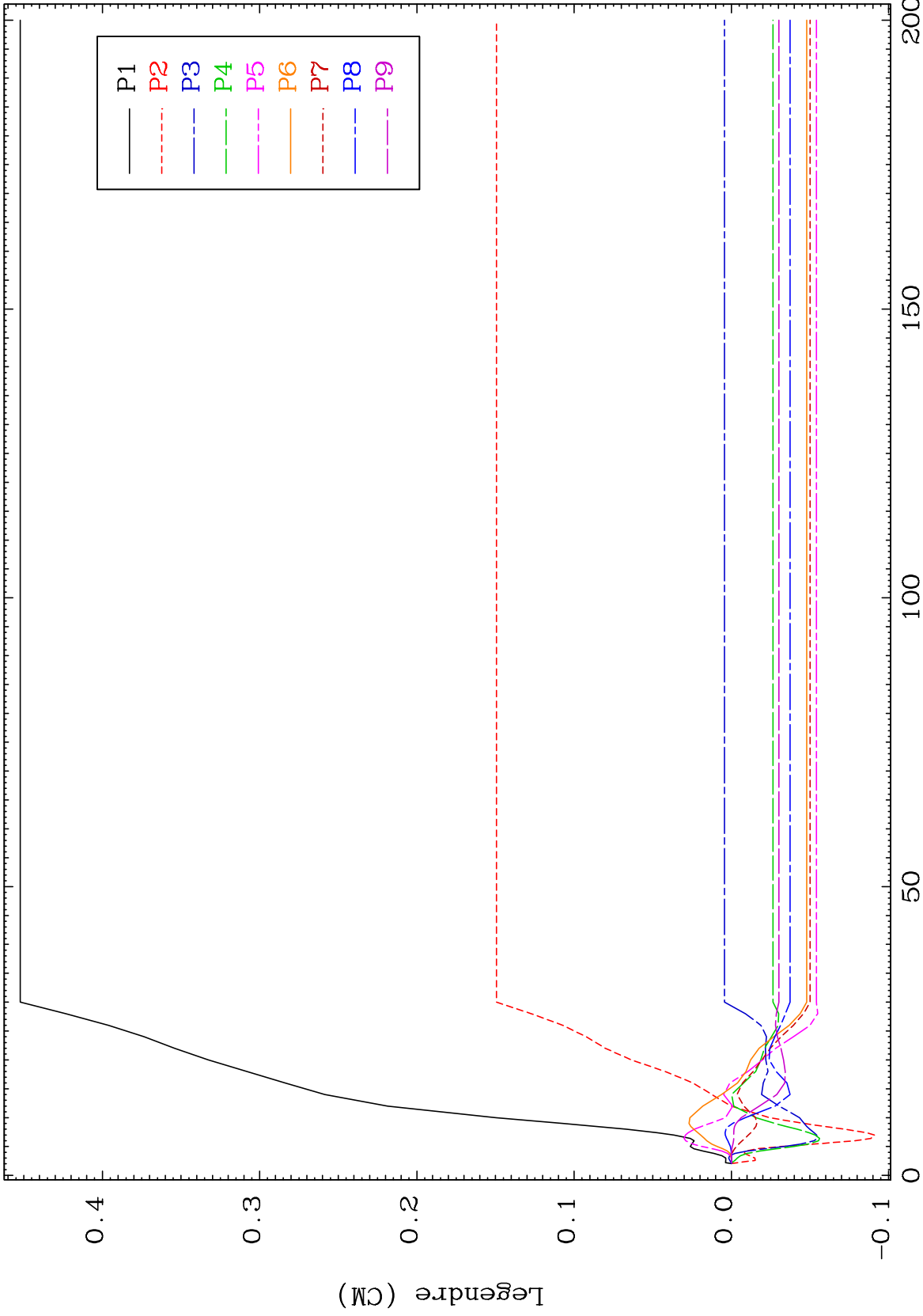
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



95

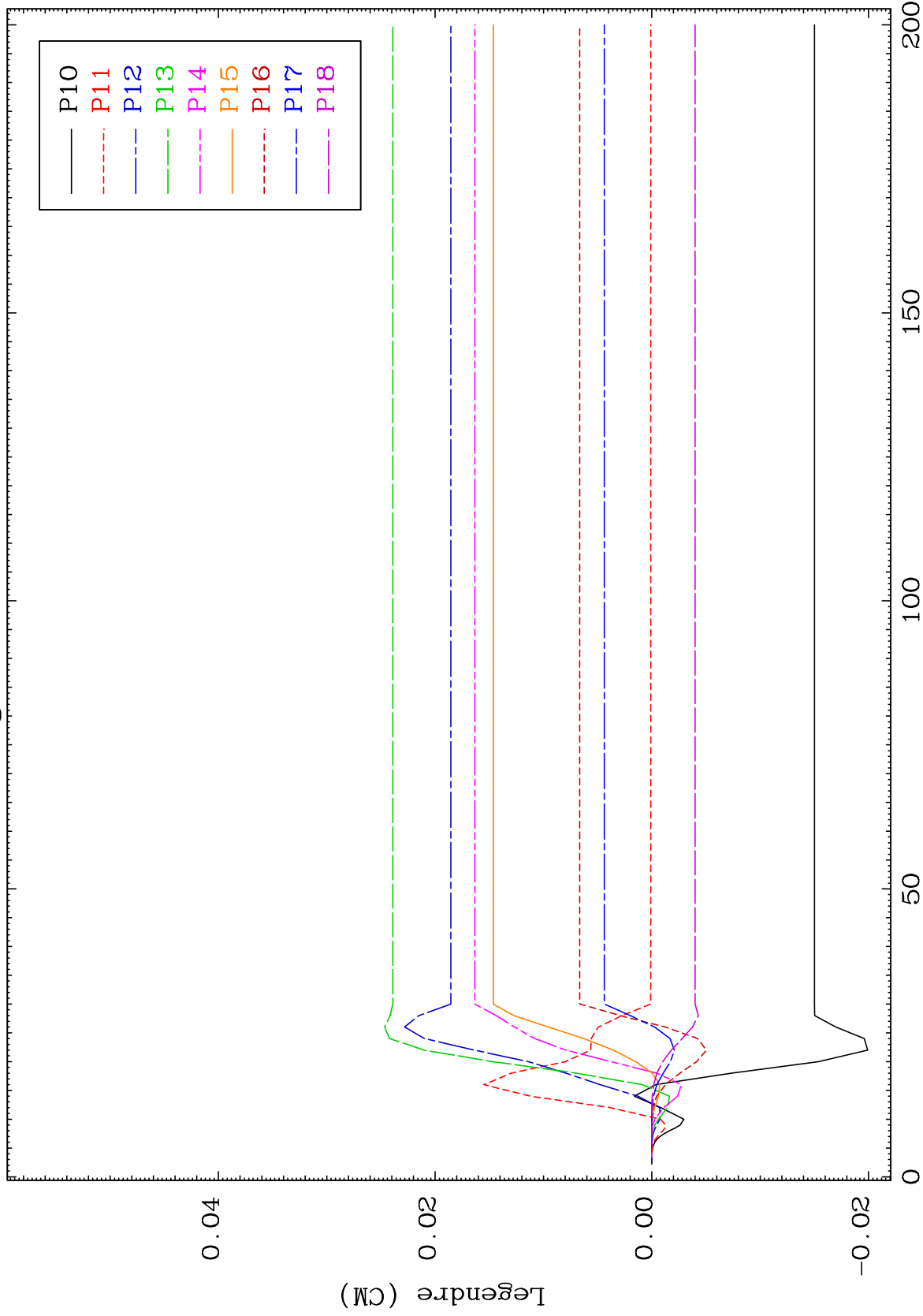
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



96

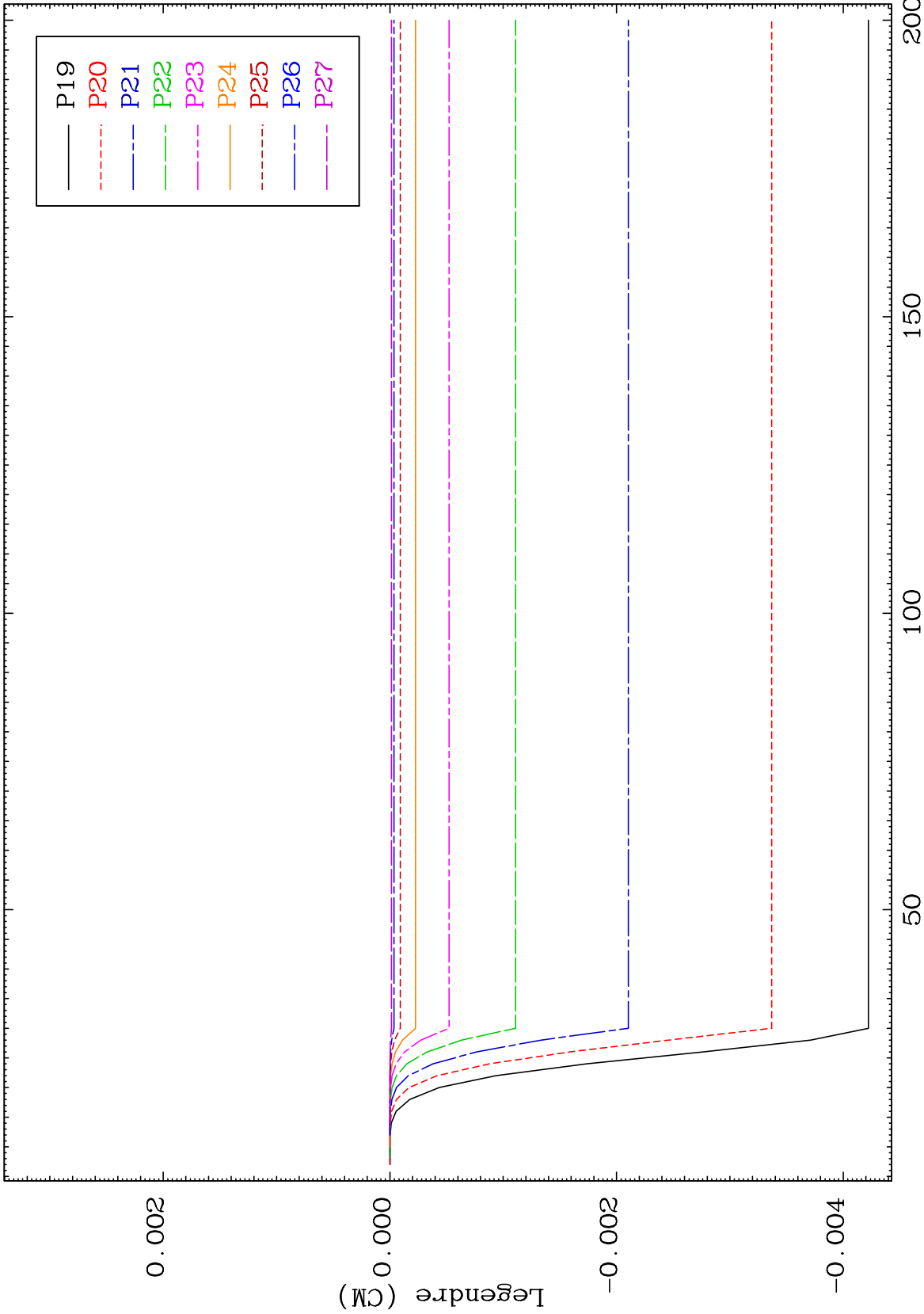
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



97

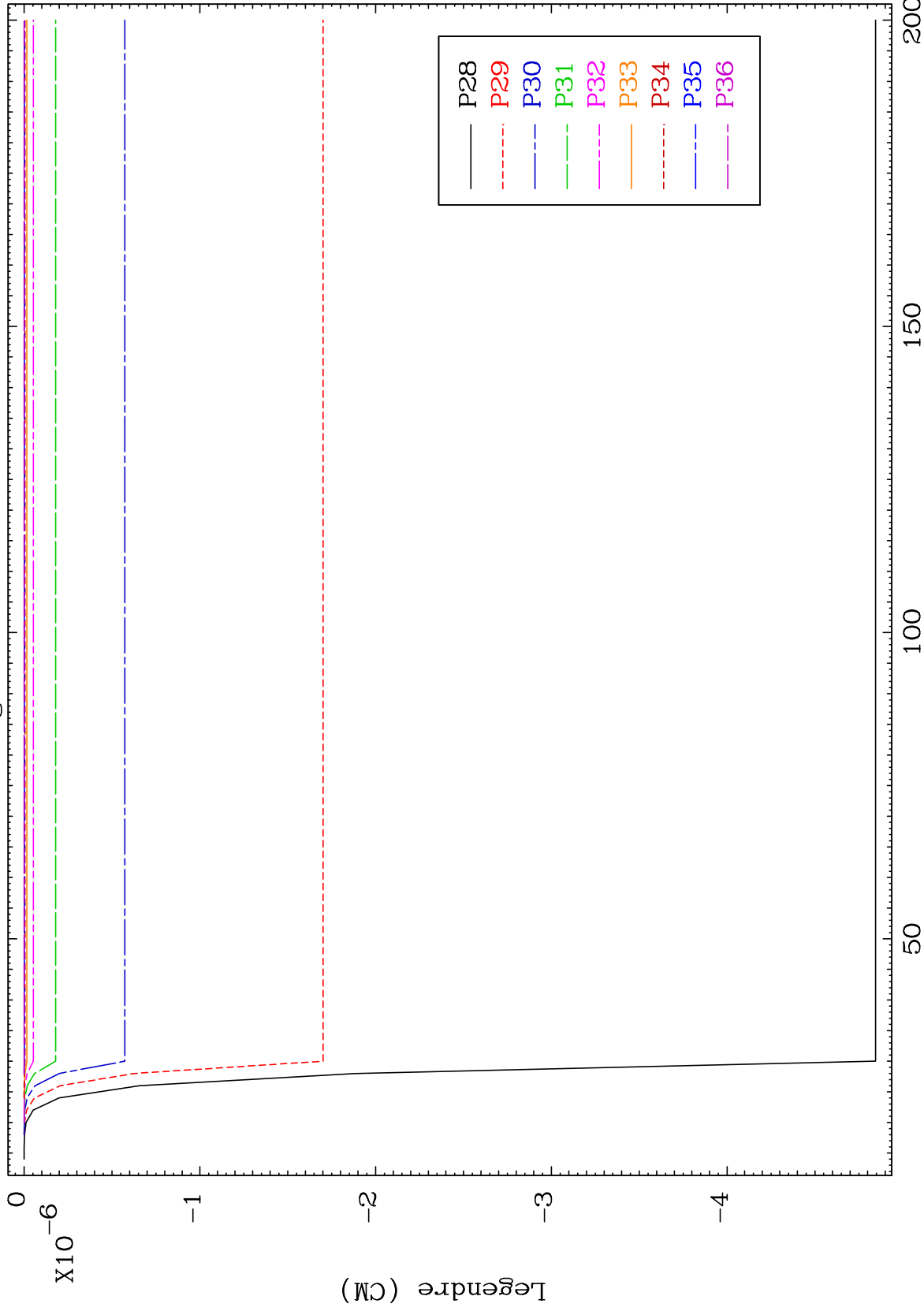
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



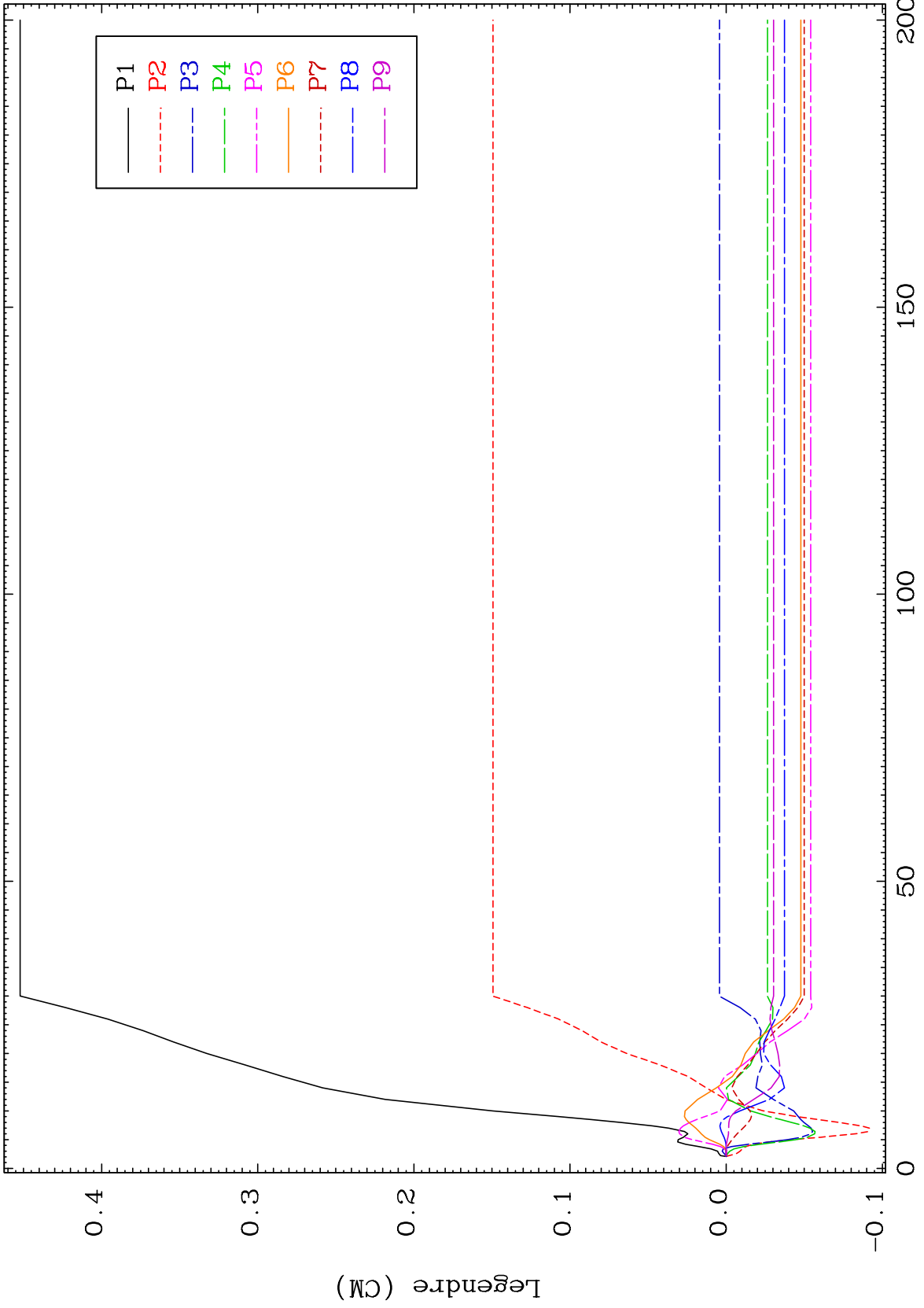
98

63-Eu-145

MAT 6307

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

63-Eu-145



99

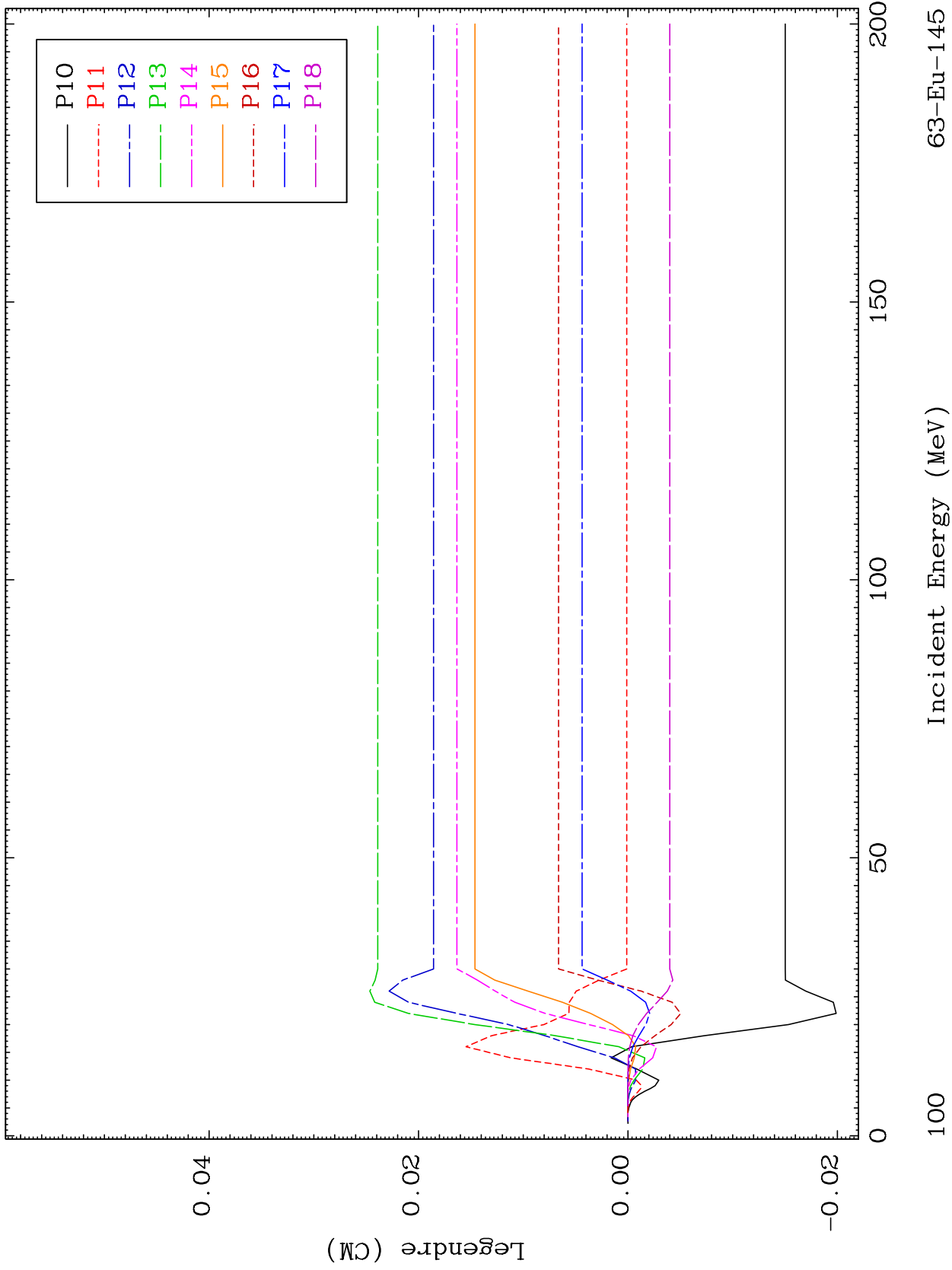
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145

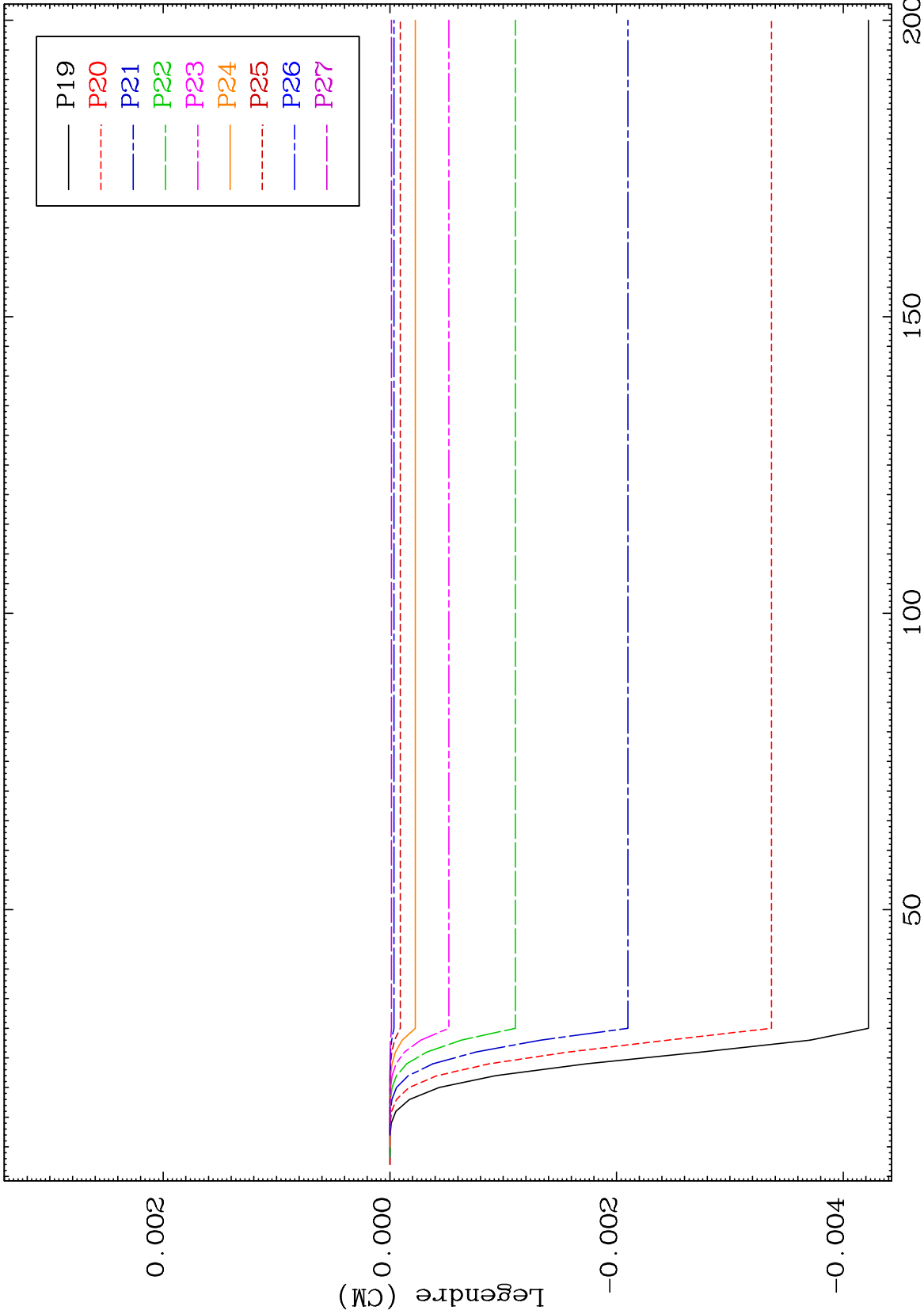


63-Eu-145

MAT 6307

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

63-Eu-145



101

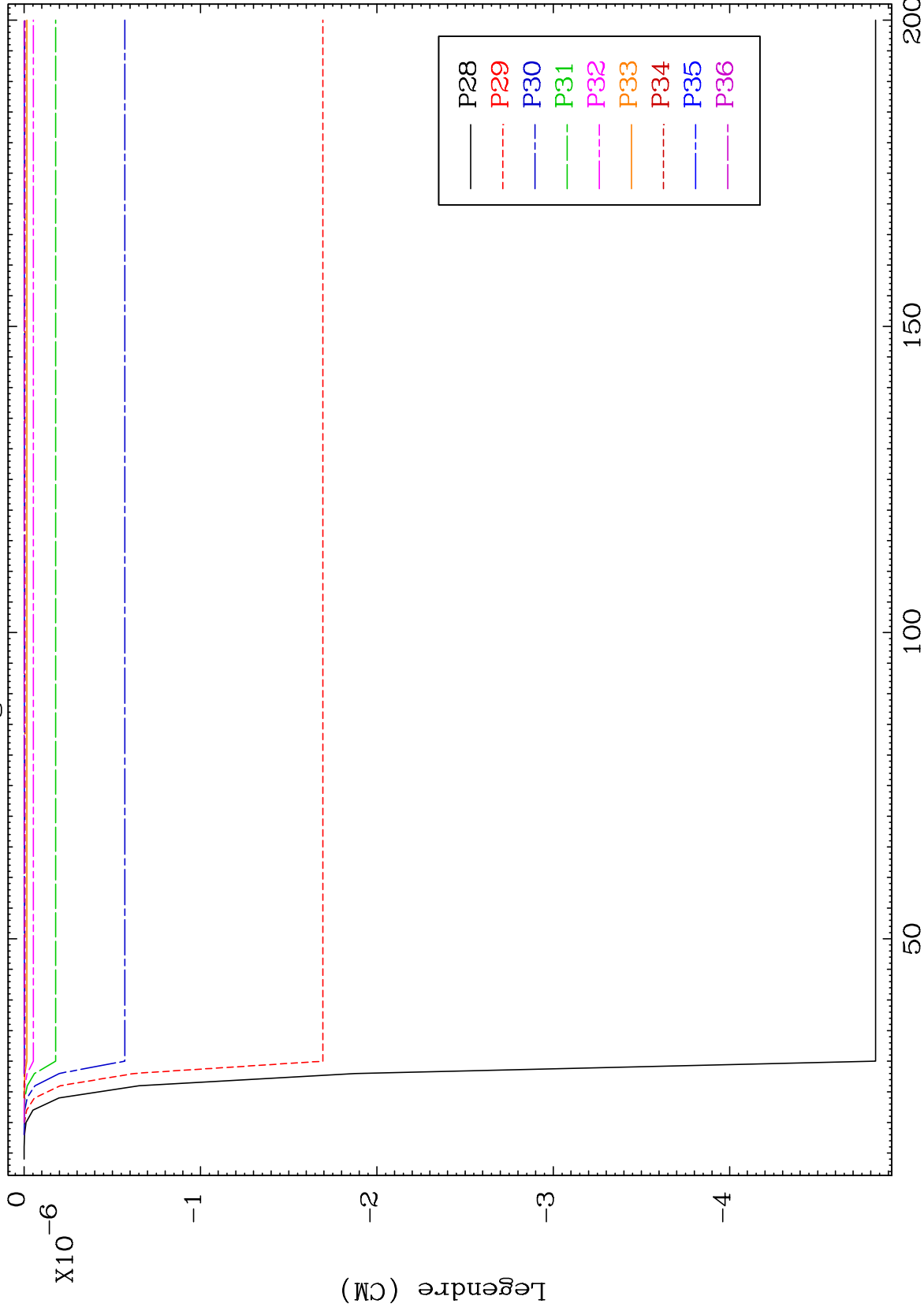
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

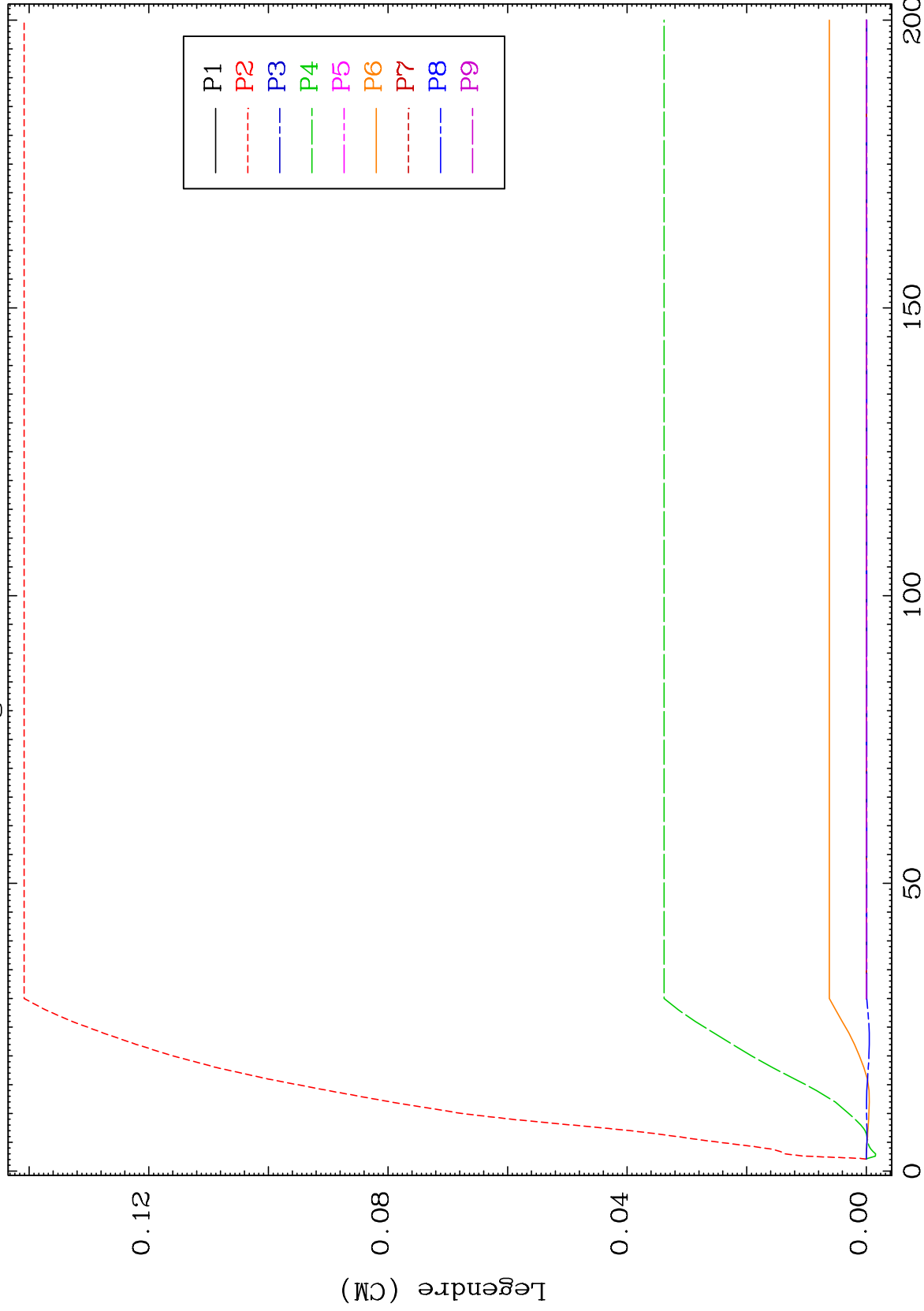
Incident Energy (MeV)

102

MAT 6307

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

63-Eu-145



63-Eu-145

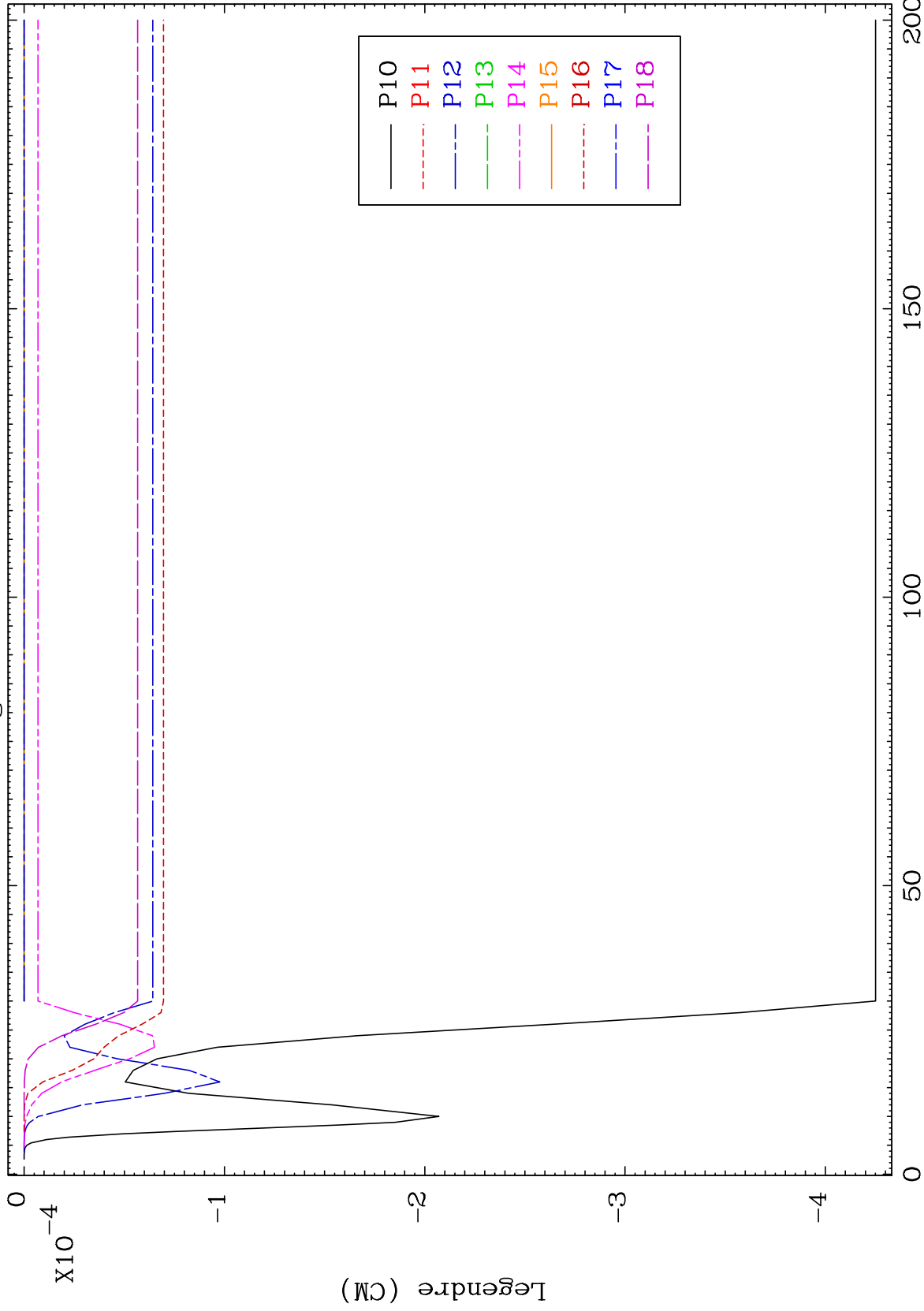
Incident Energy (MeV)

103

MAT 6307

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

63-Eu-145



63-Eu-145

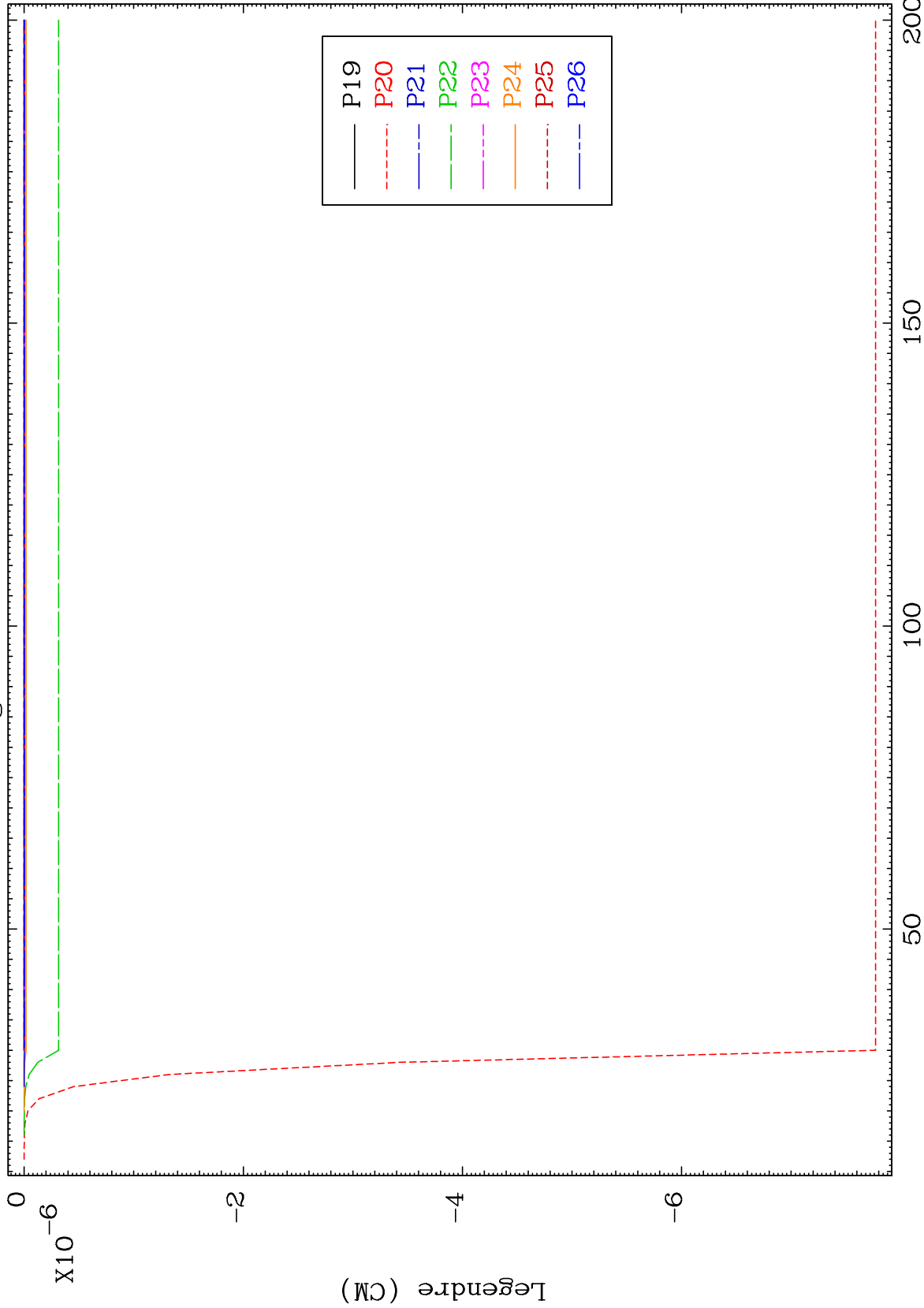
Incident Energy (MeV)

104

MAT 6307

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

63-Eu-145



105

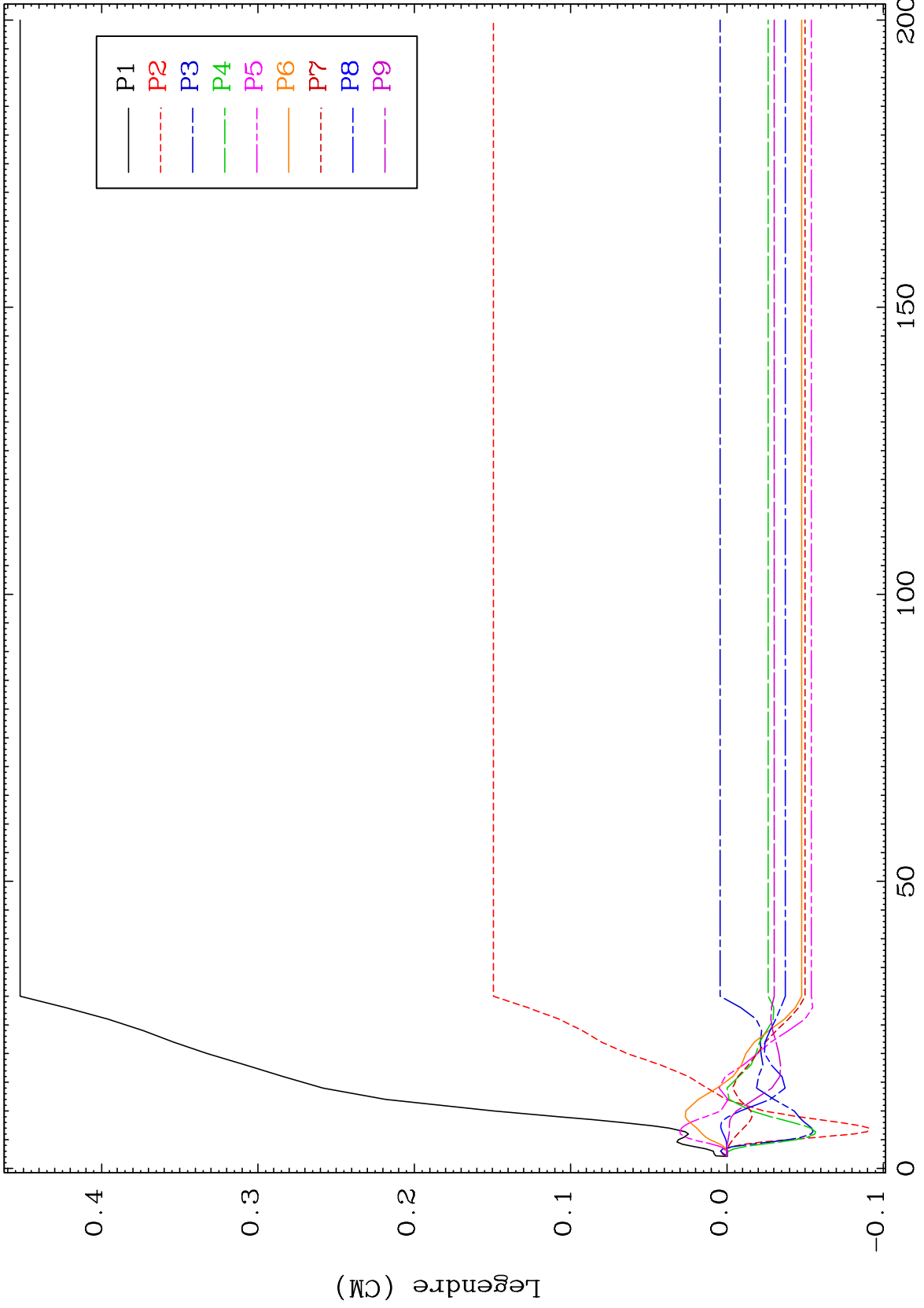
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

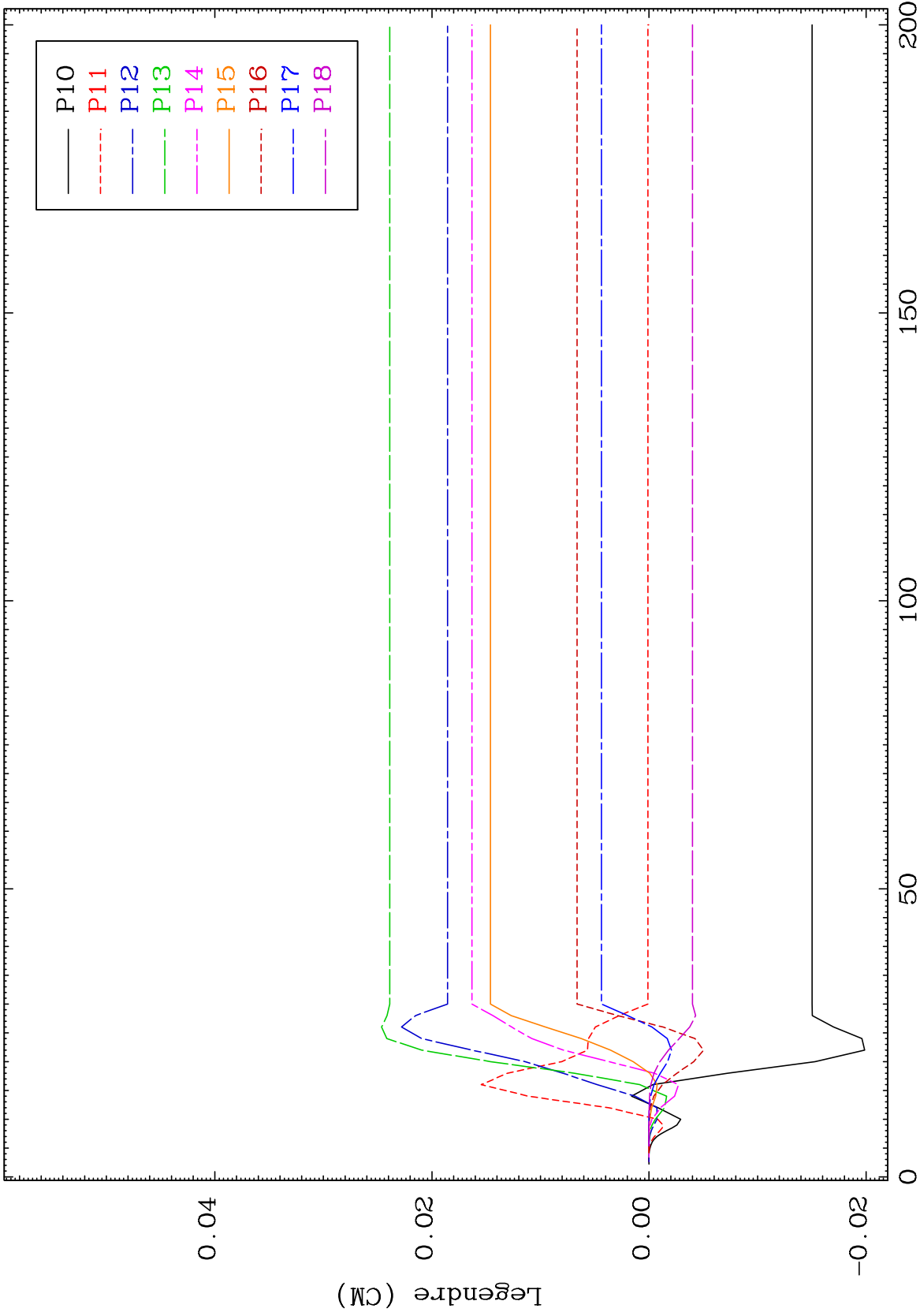
Incident Energy (MeV)

106

MAT 6307

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

63-Eu-145



107

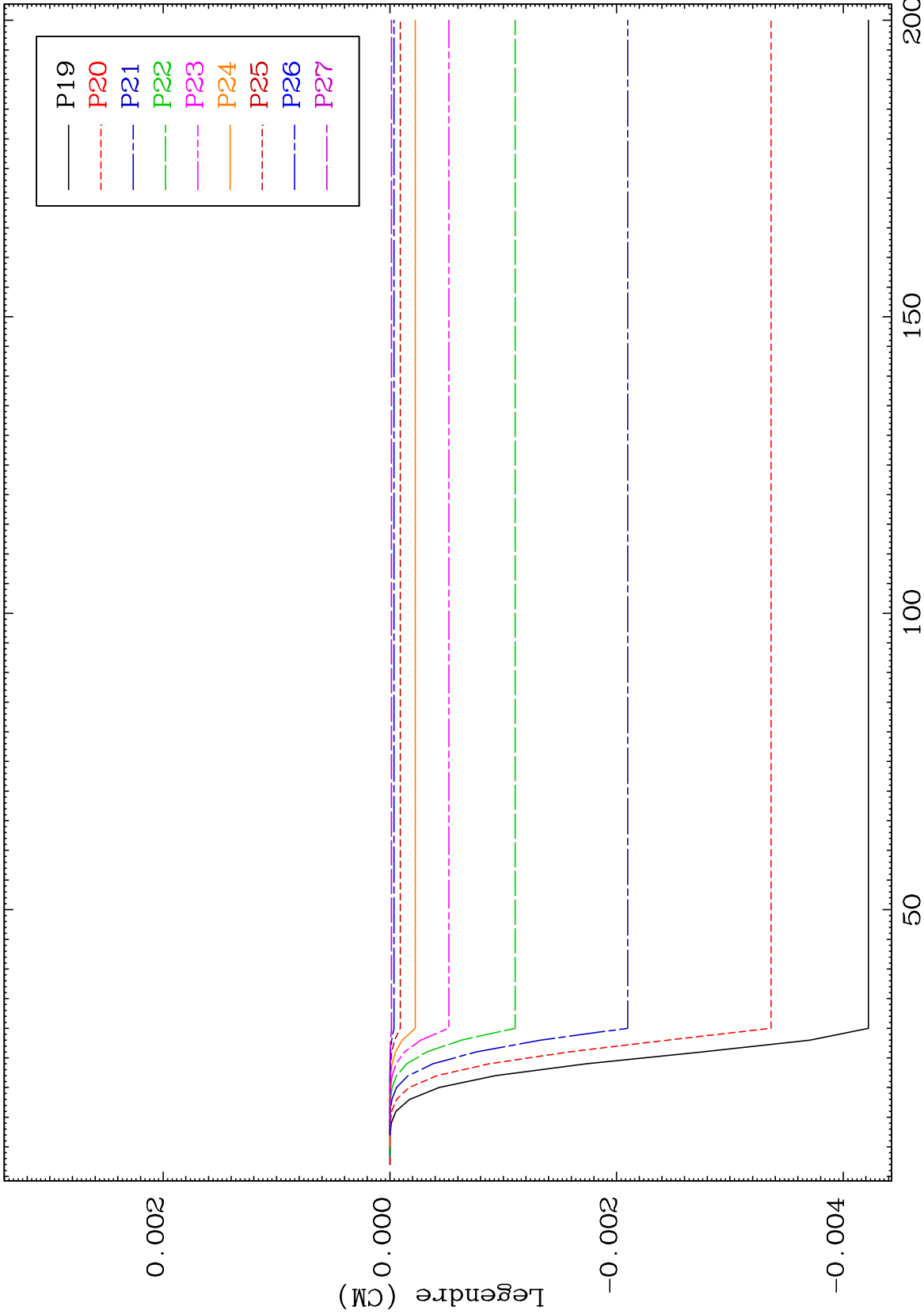
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



108

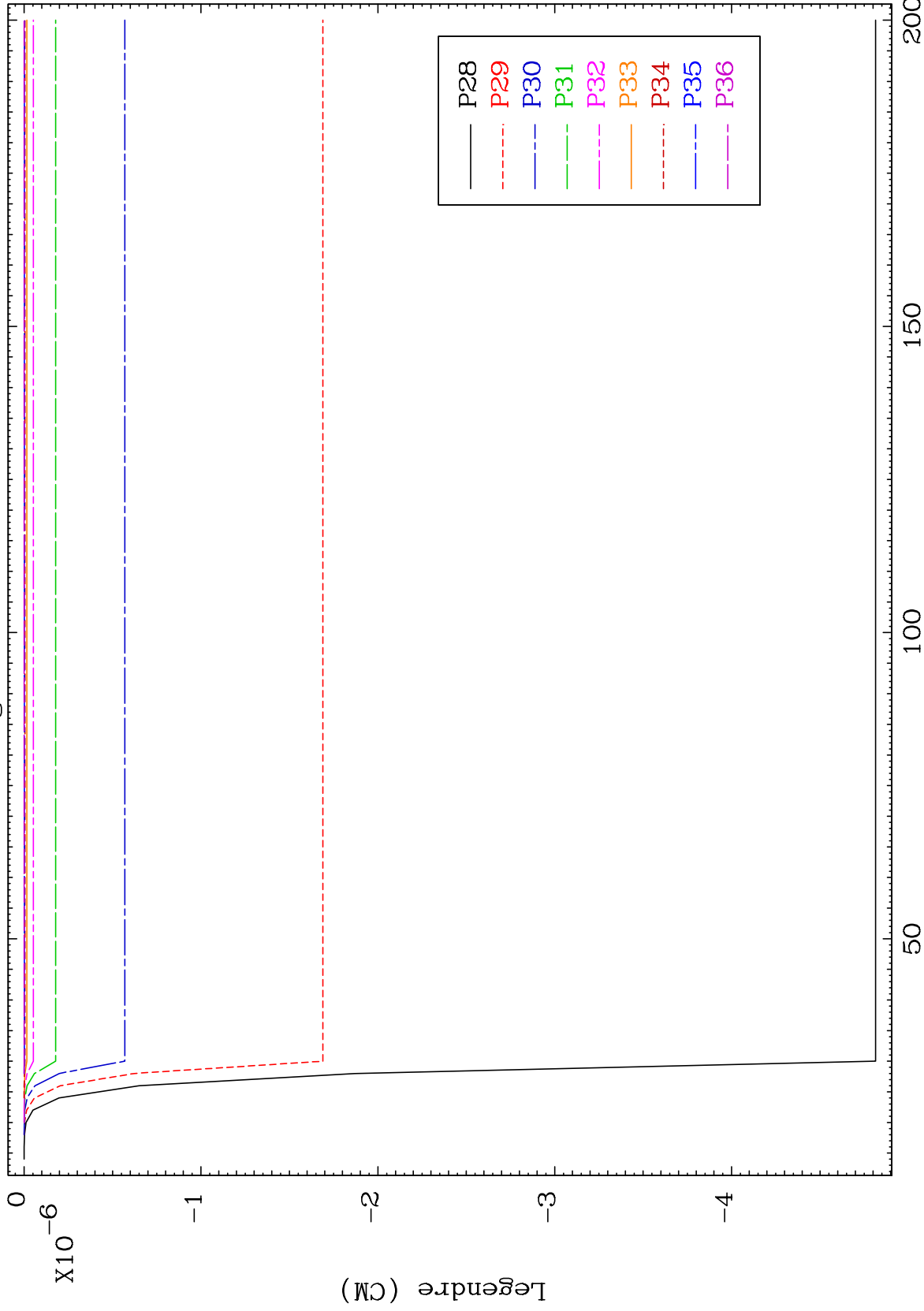
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



109

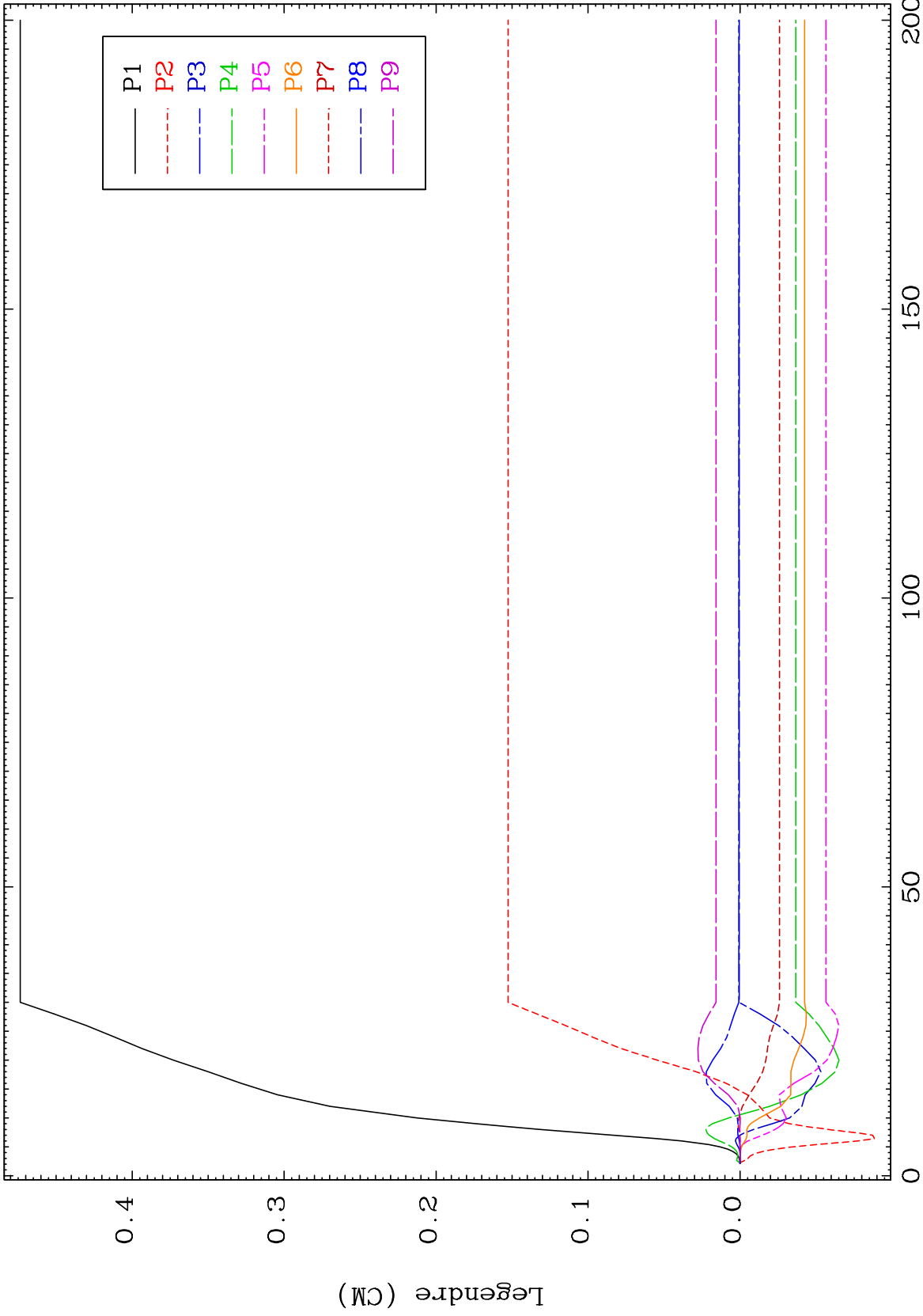
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

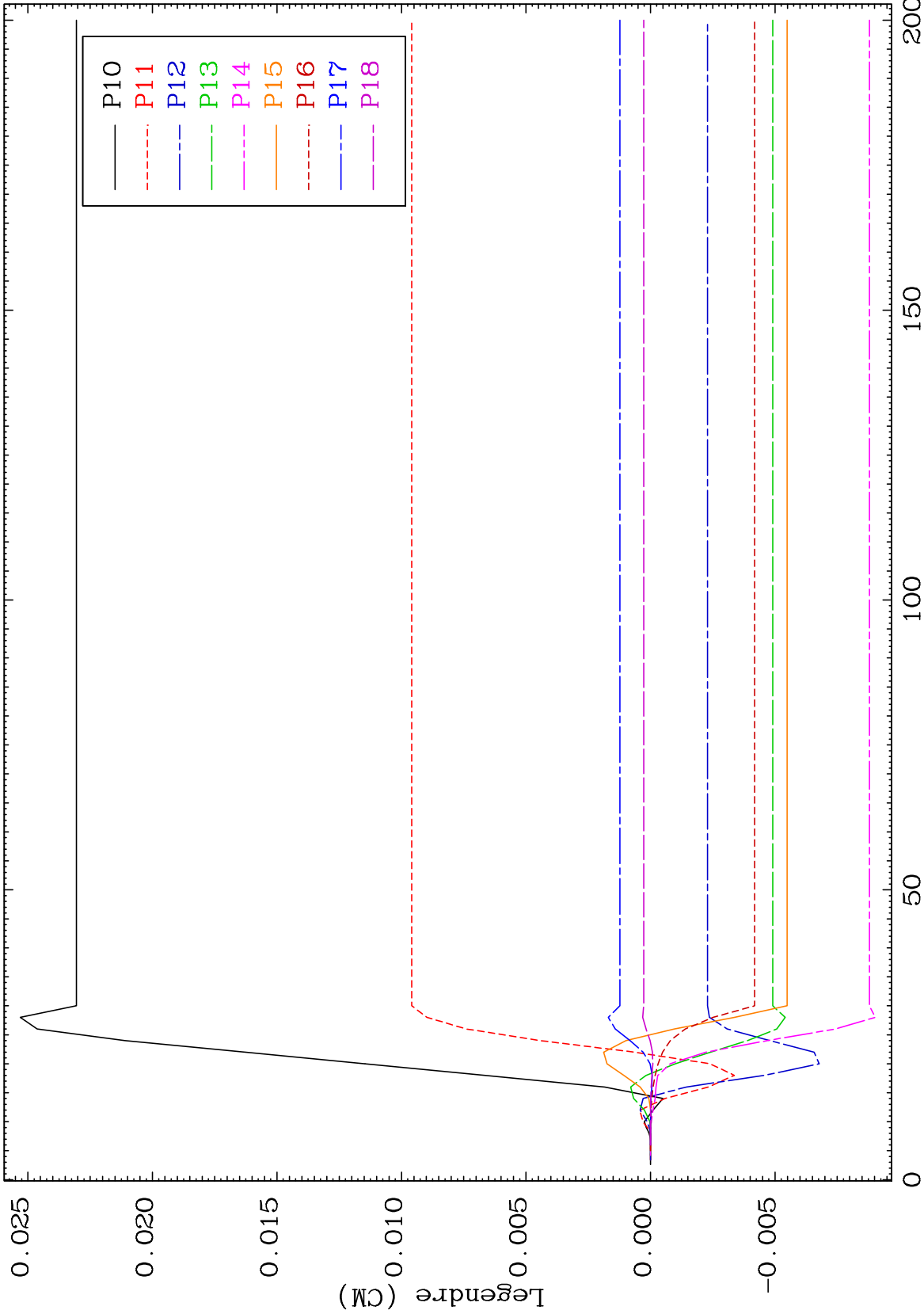
Incident Energy (MeV)

110

MAT 6307

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

63-Eu-145



111

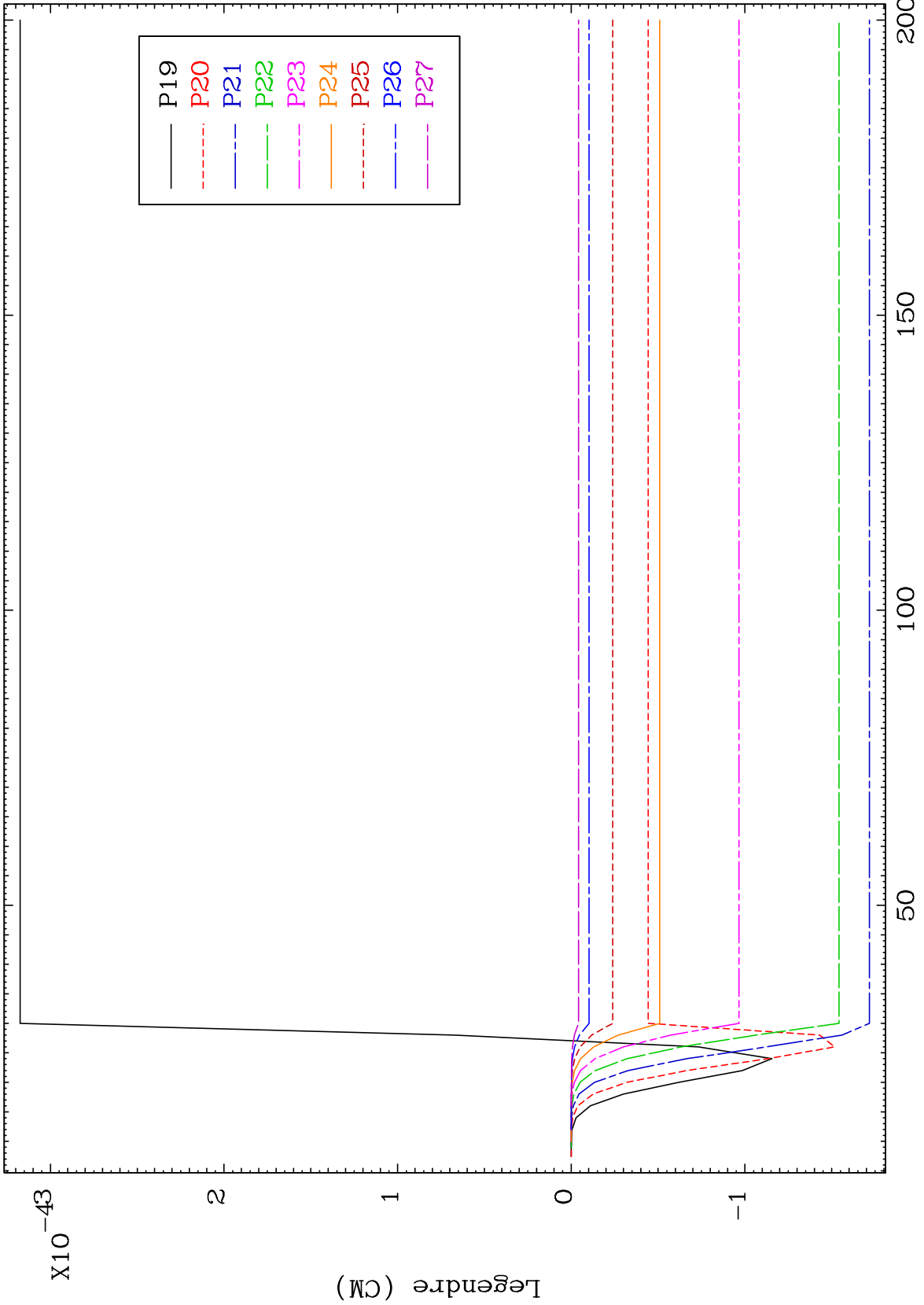
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



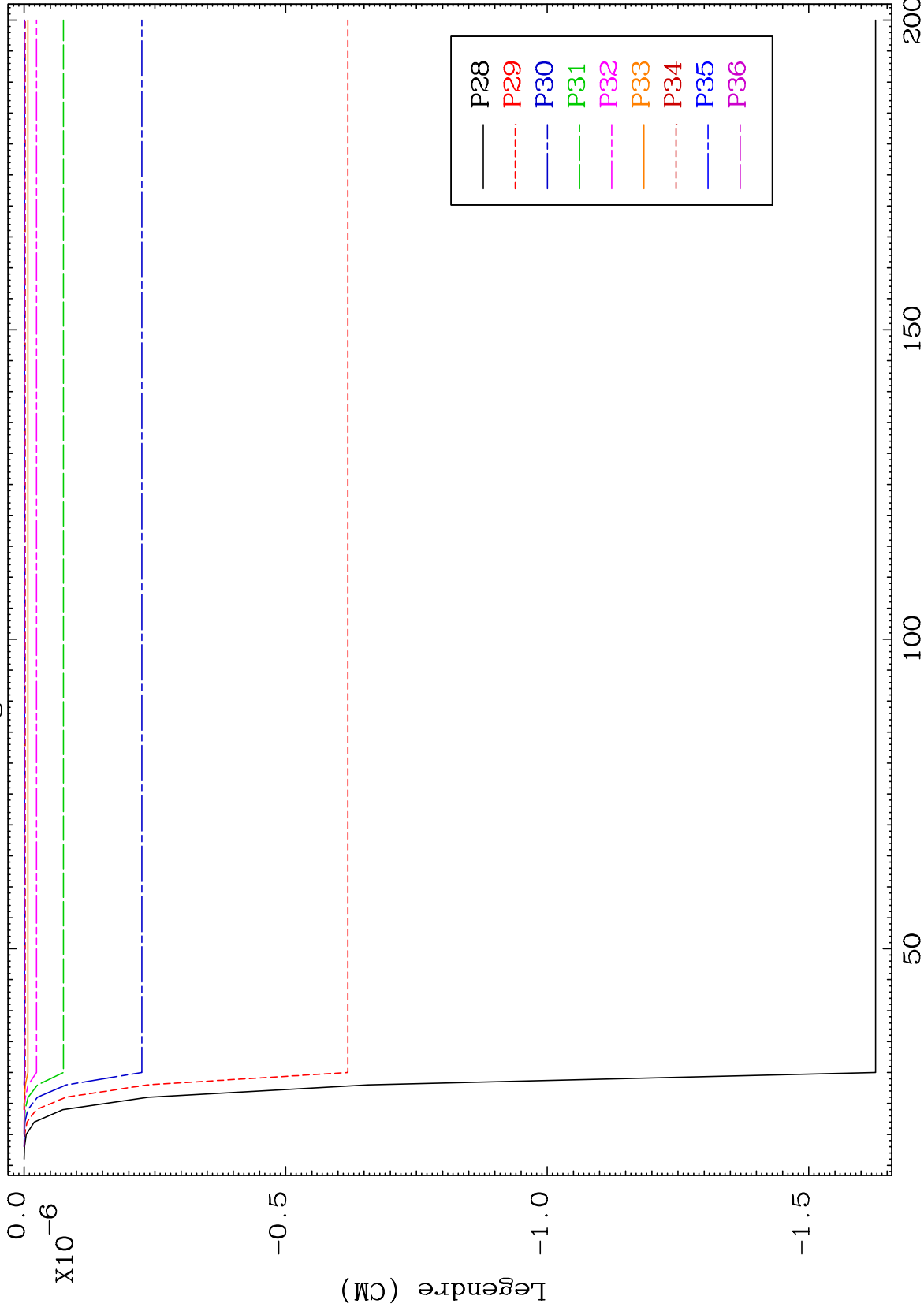
112

63-Eu-145

MAT 6307

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

63-Eu-145



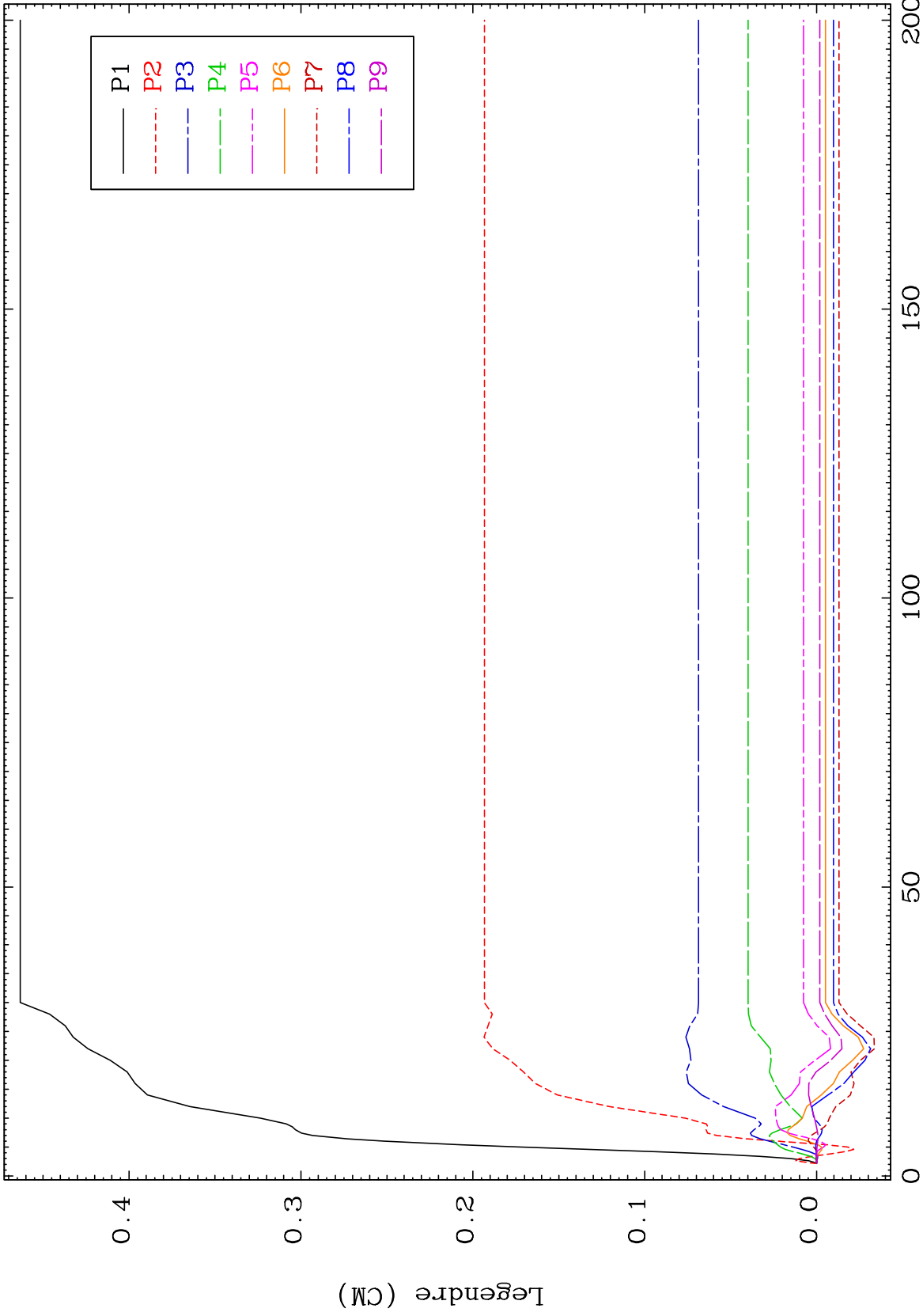
113

63-Eu-145

MAT 6307

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

63-Eu-145



114

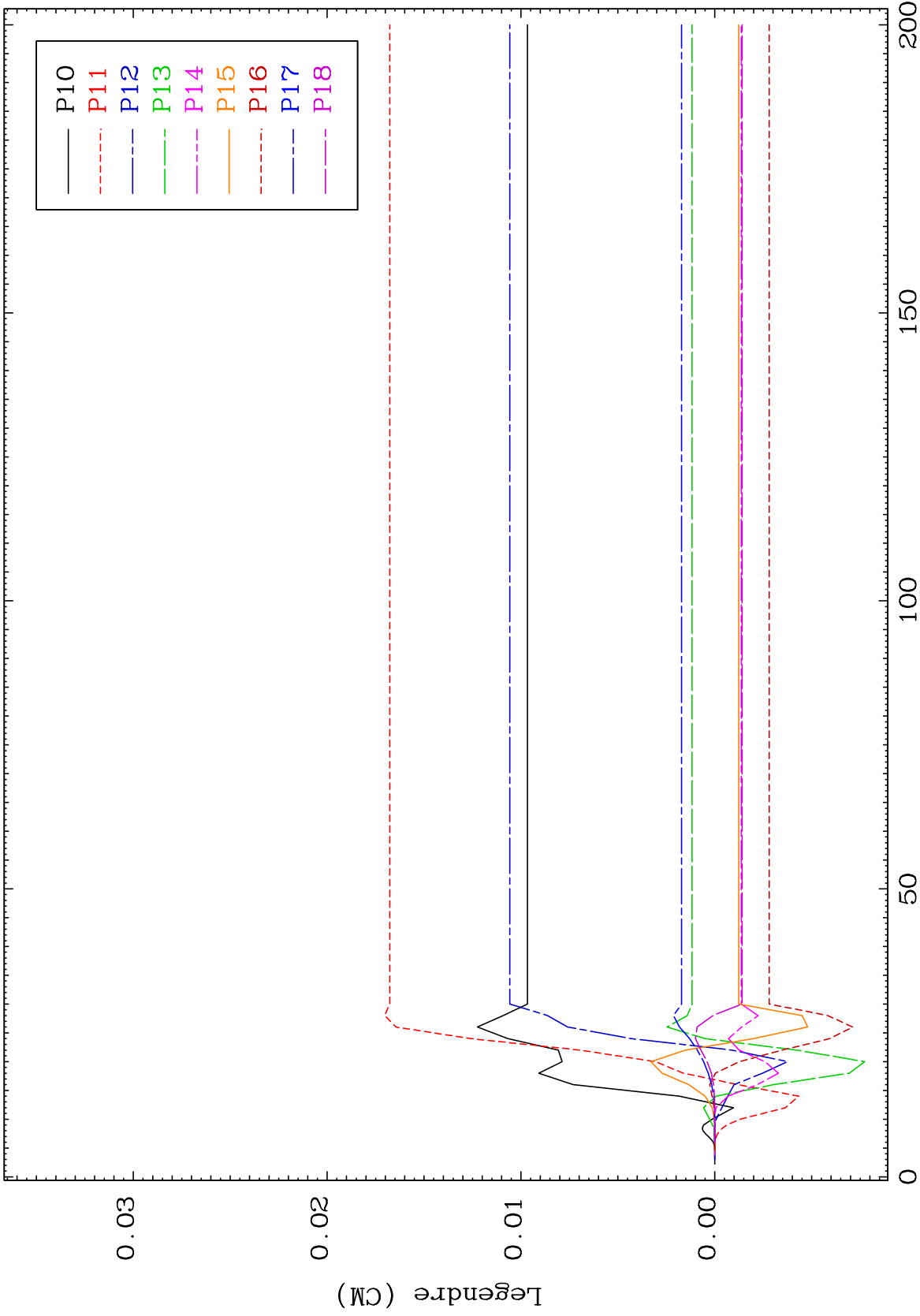
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



115

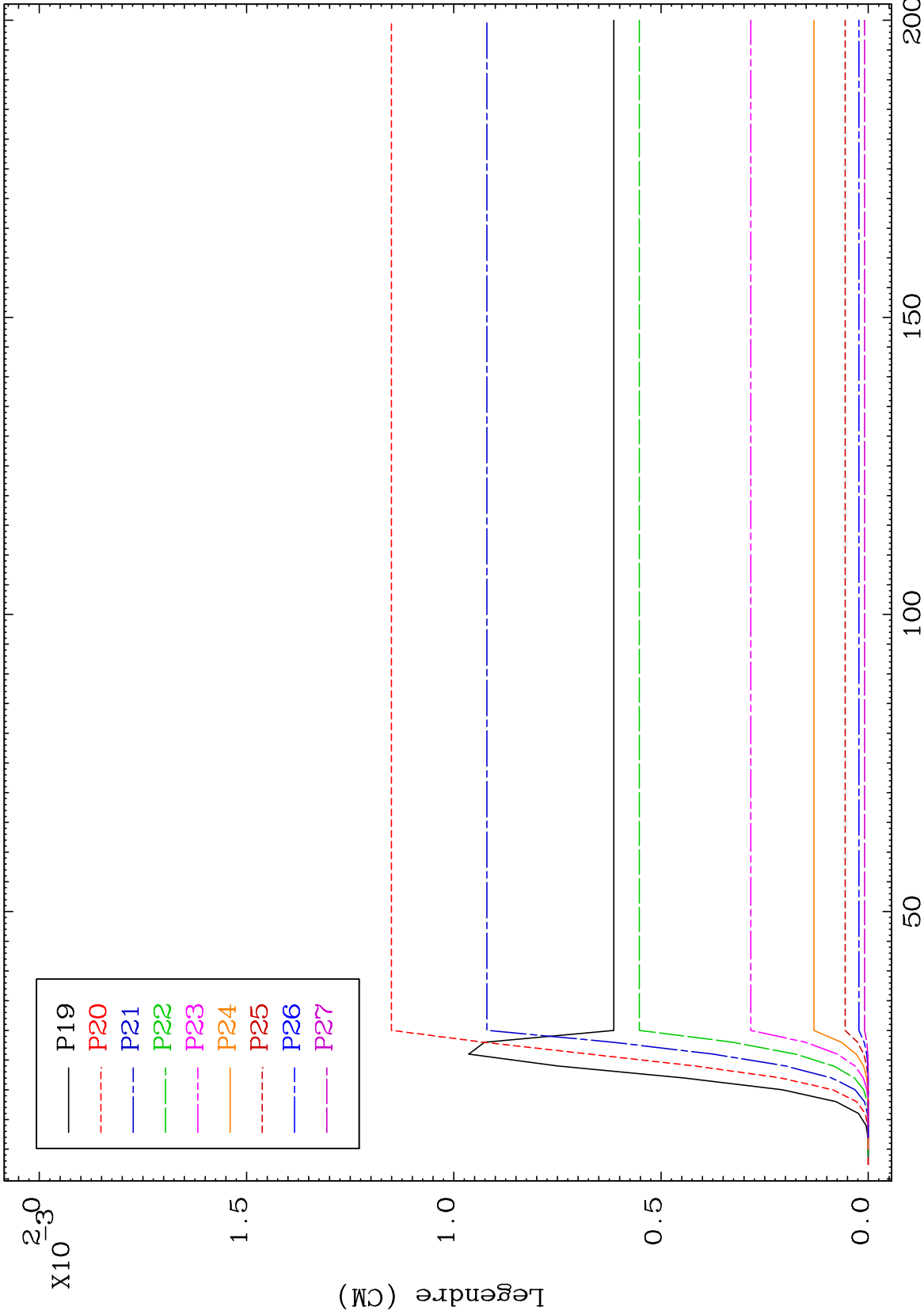
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



116

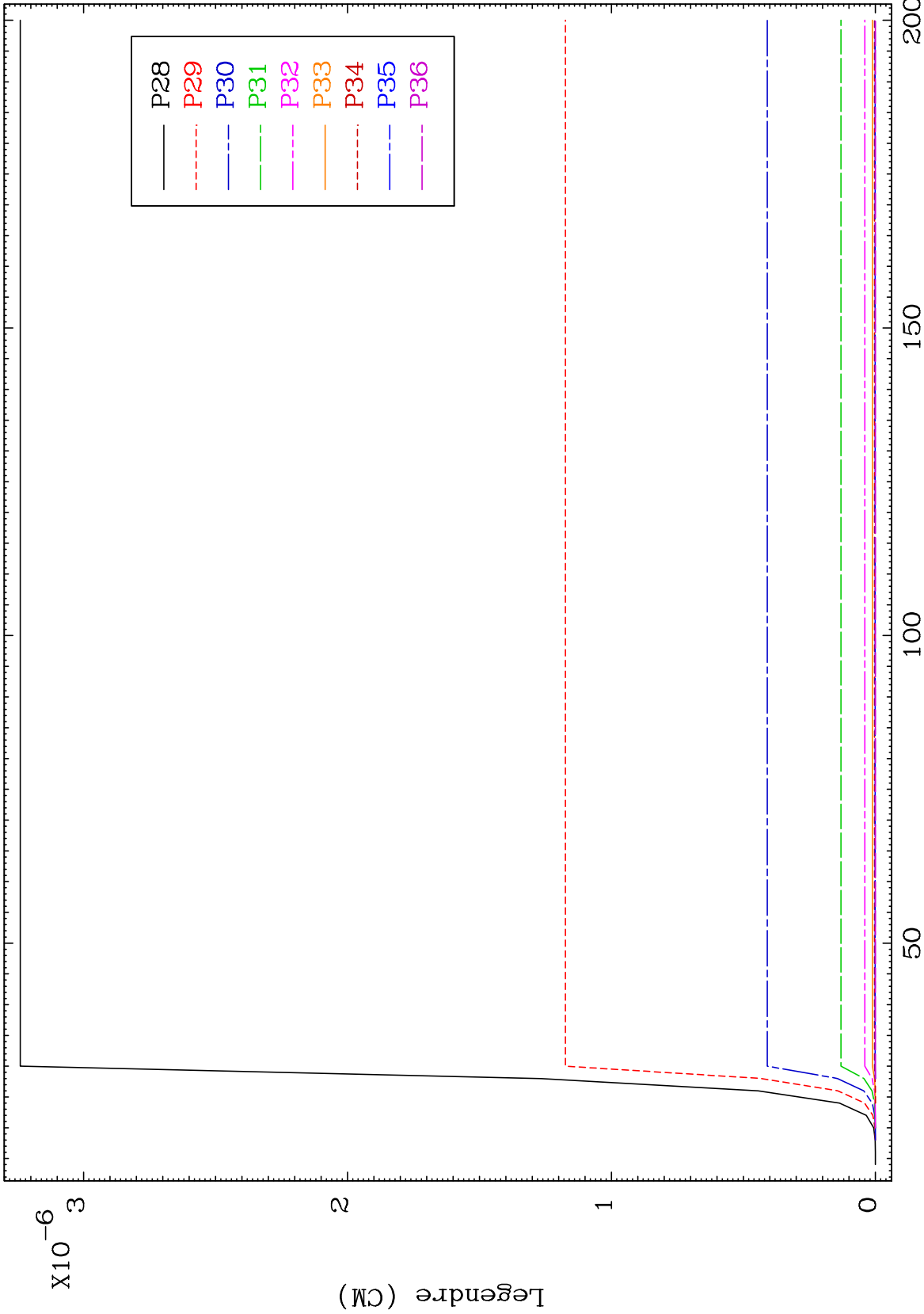
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

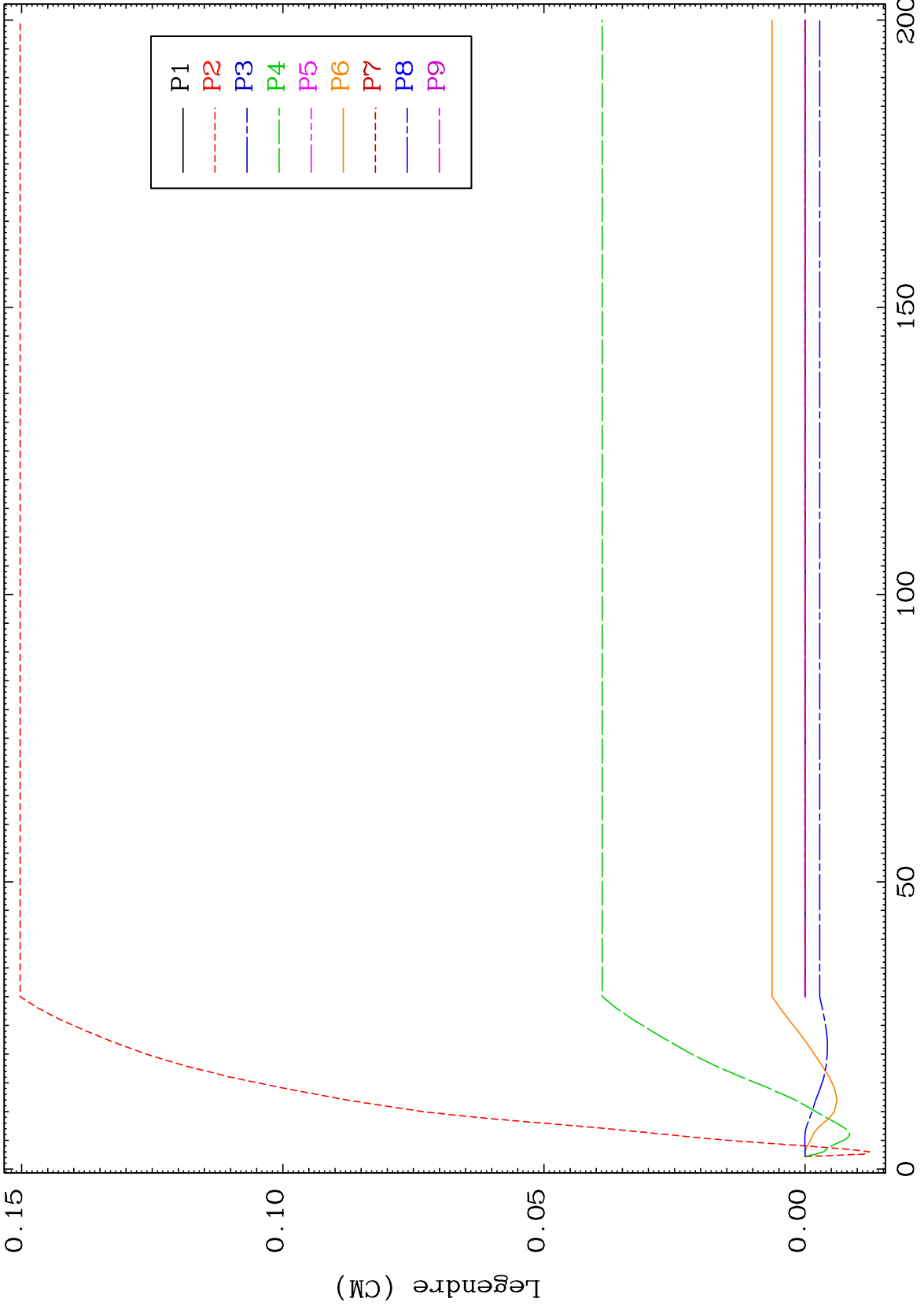
63-Eu-145



117

63-Eu-145

MAT 6307 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-145

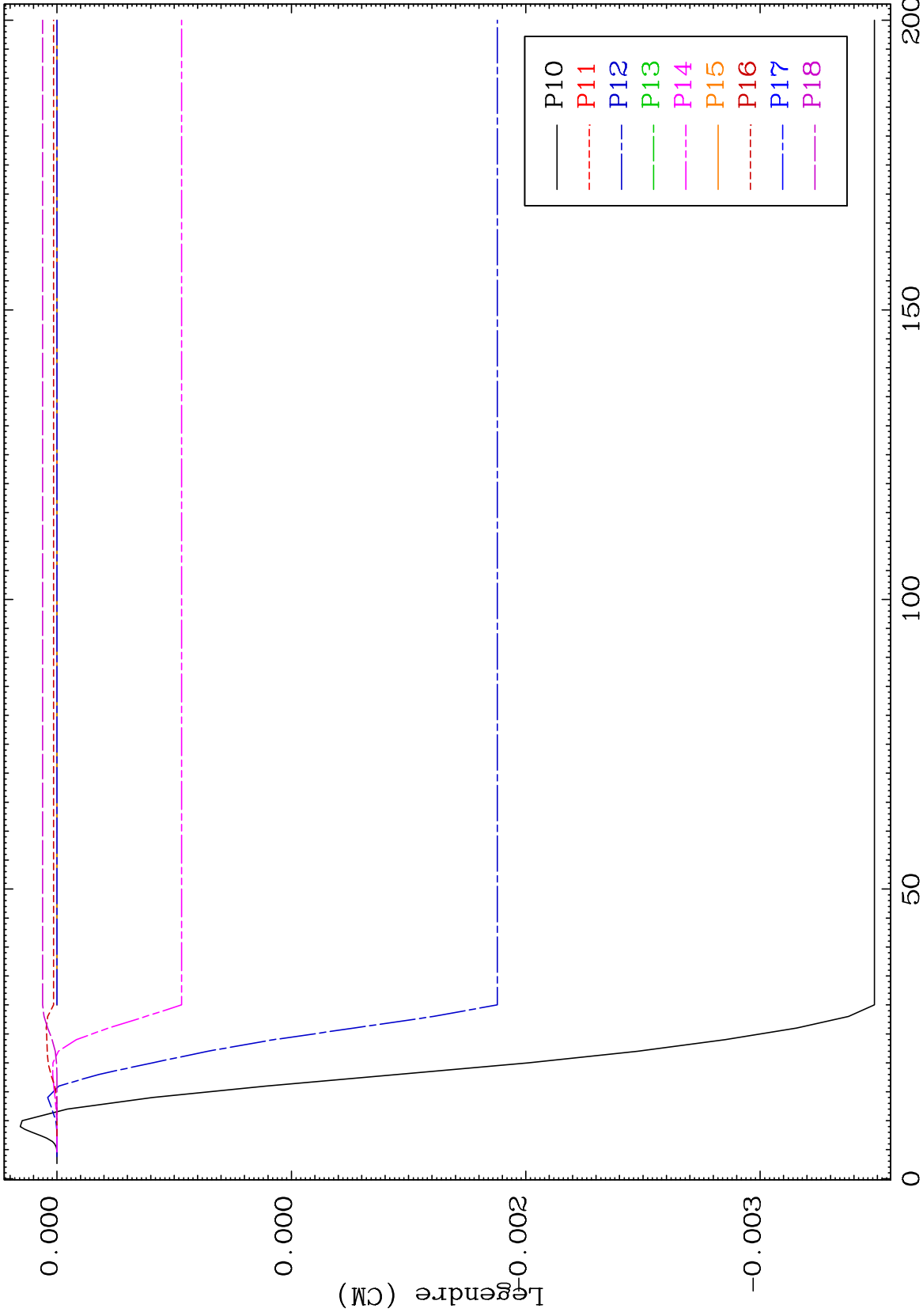


118 63-Eu-145

MAT 6307

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

63-Eu-145



119

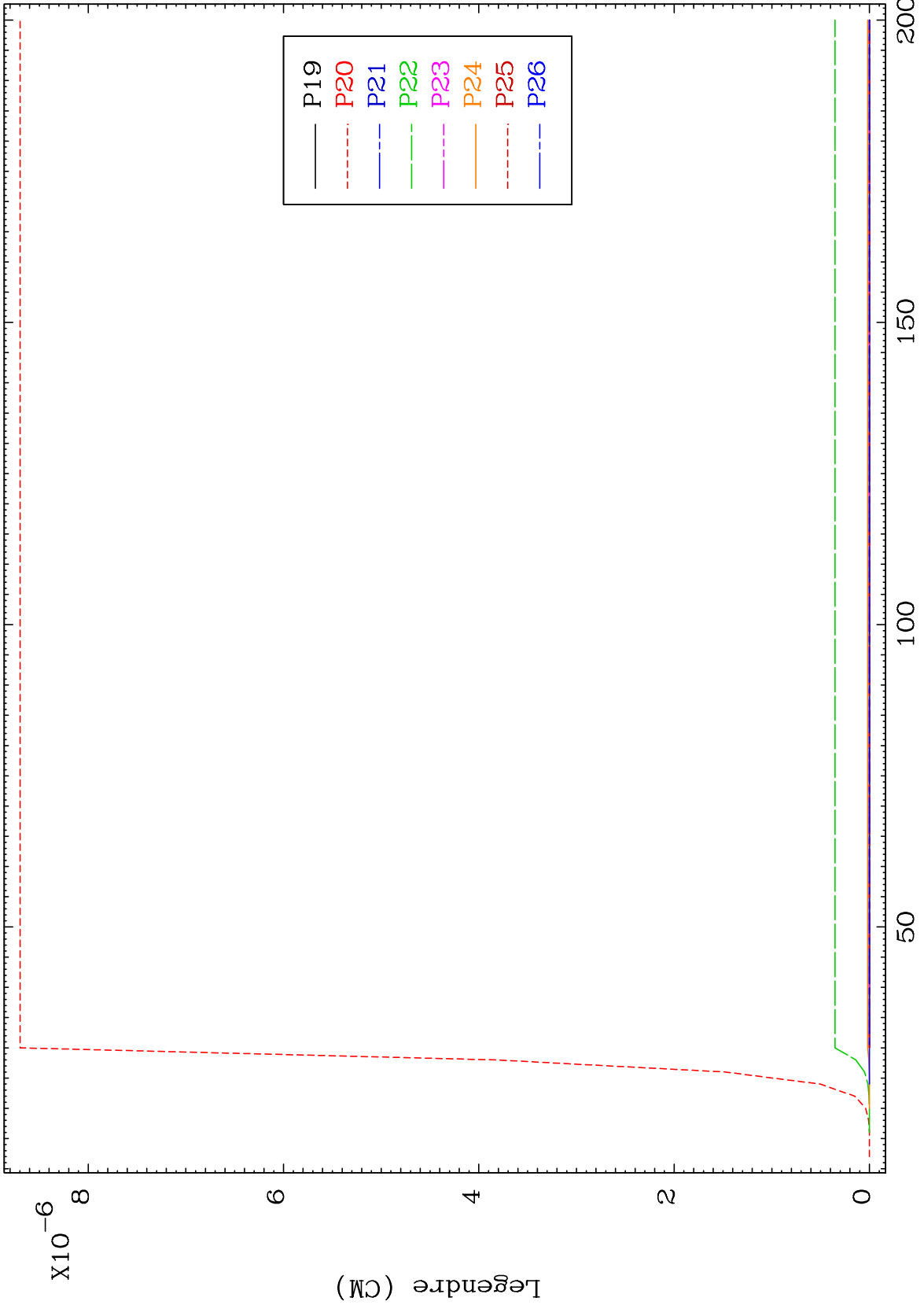
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



120

50

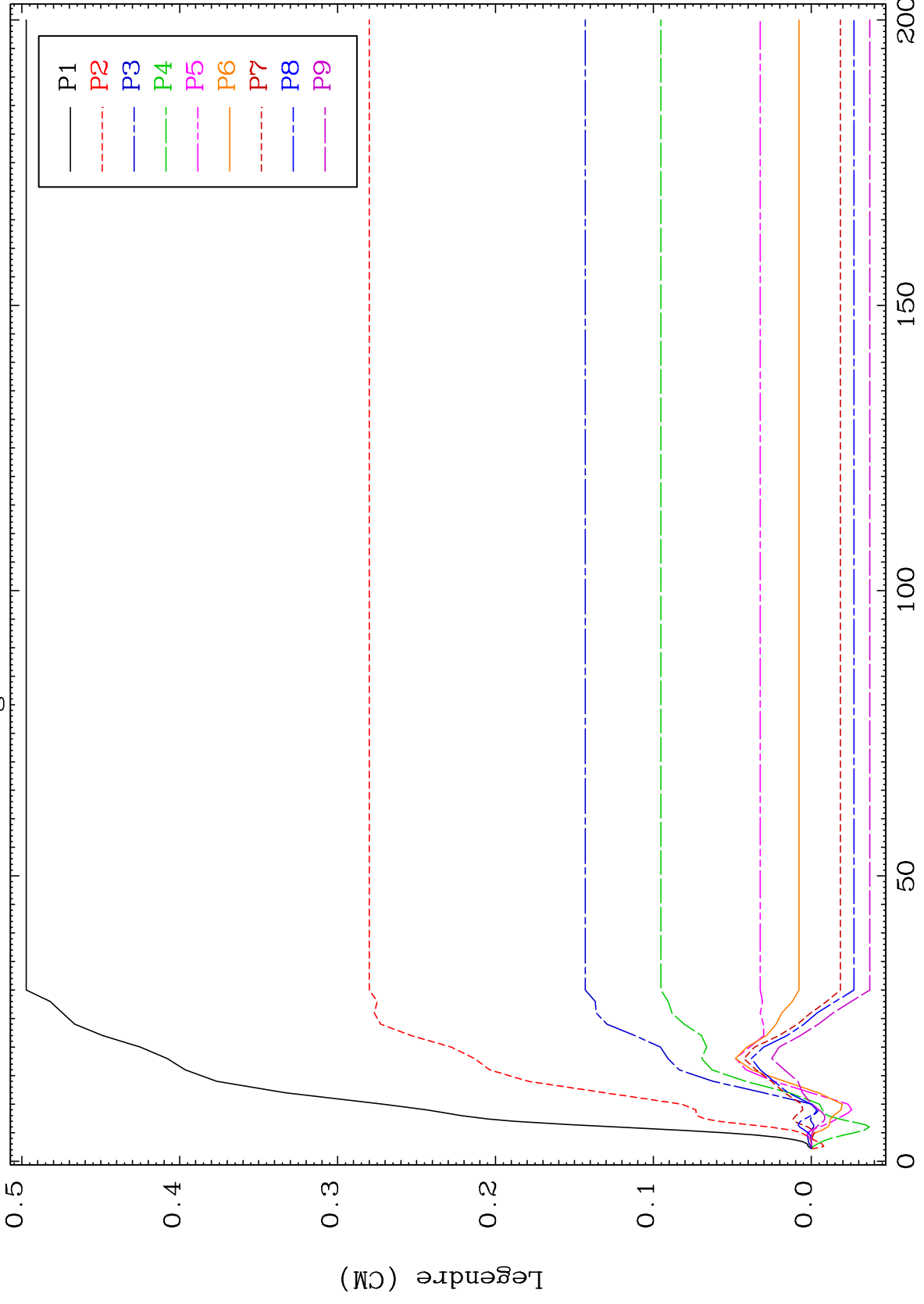
100

150

200

63-Eu-145

MAT 6307 MT= 79 (n,n') Level Legendre Coefficients 63-Eu-145

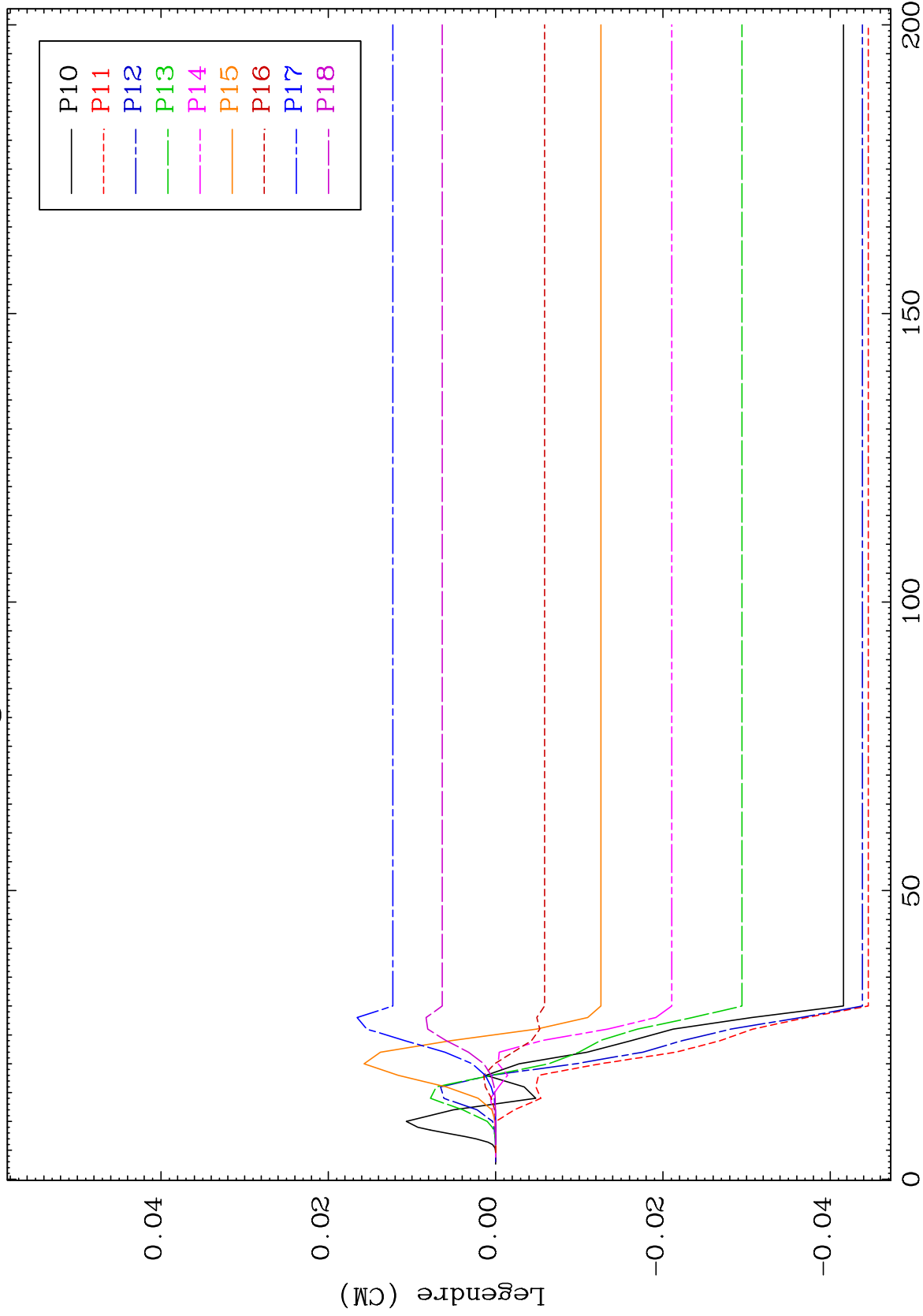


121 63-Eu-145

MAT 6307

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

63-Eu-145



122

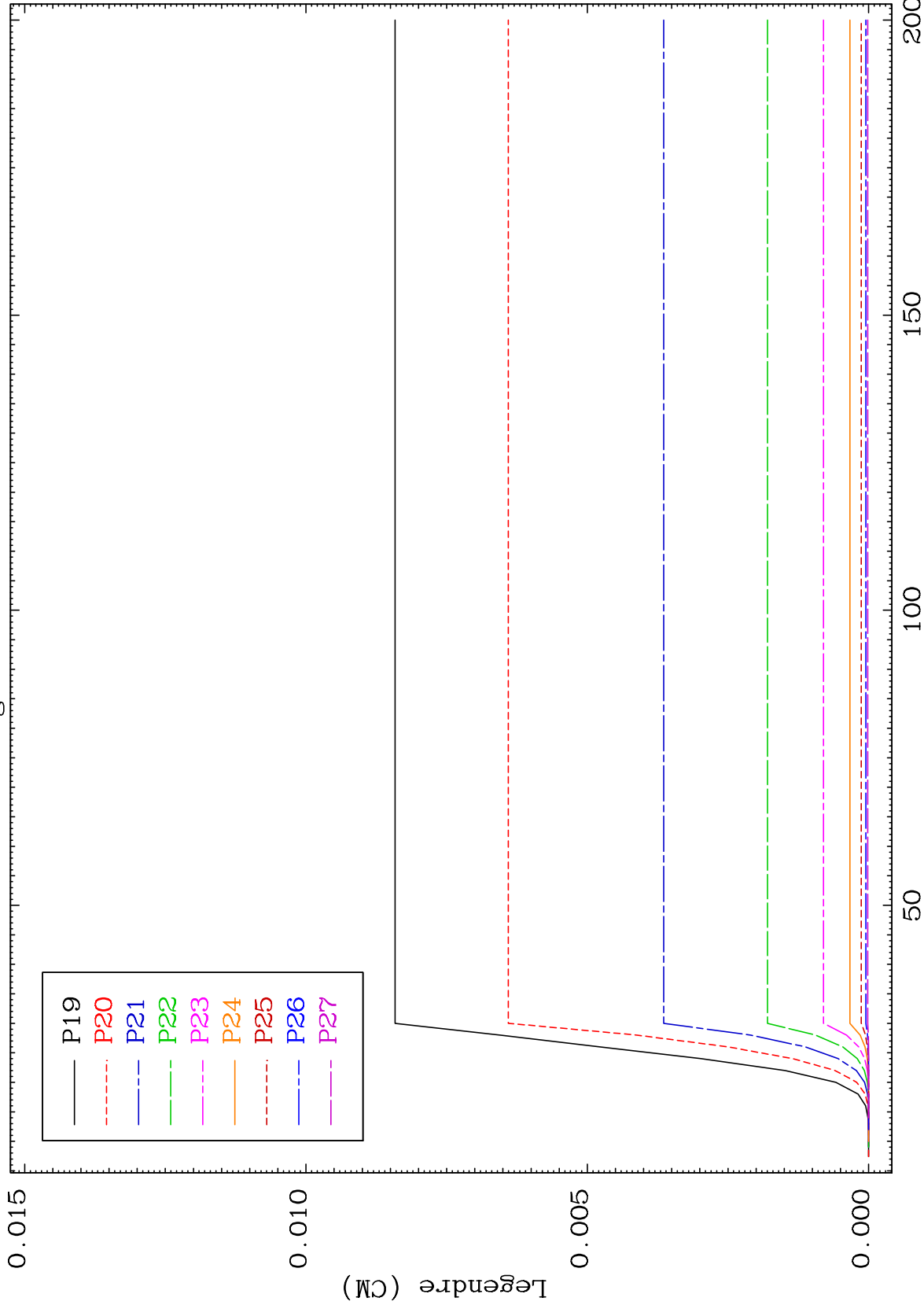
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



123

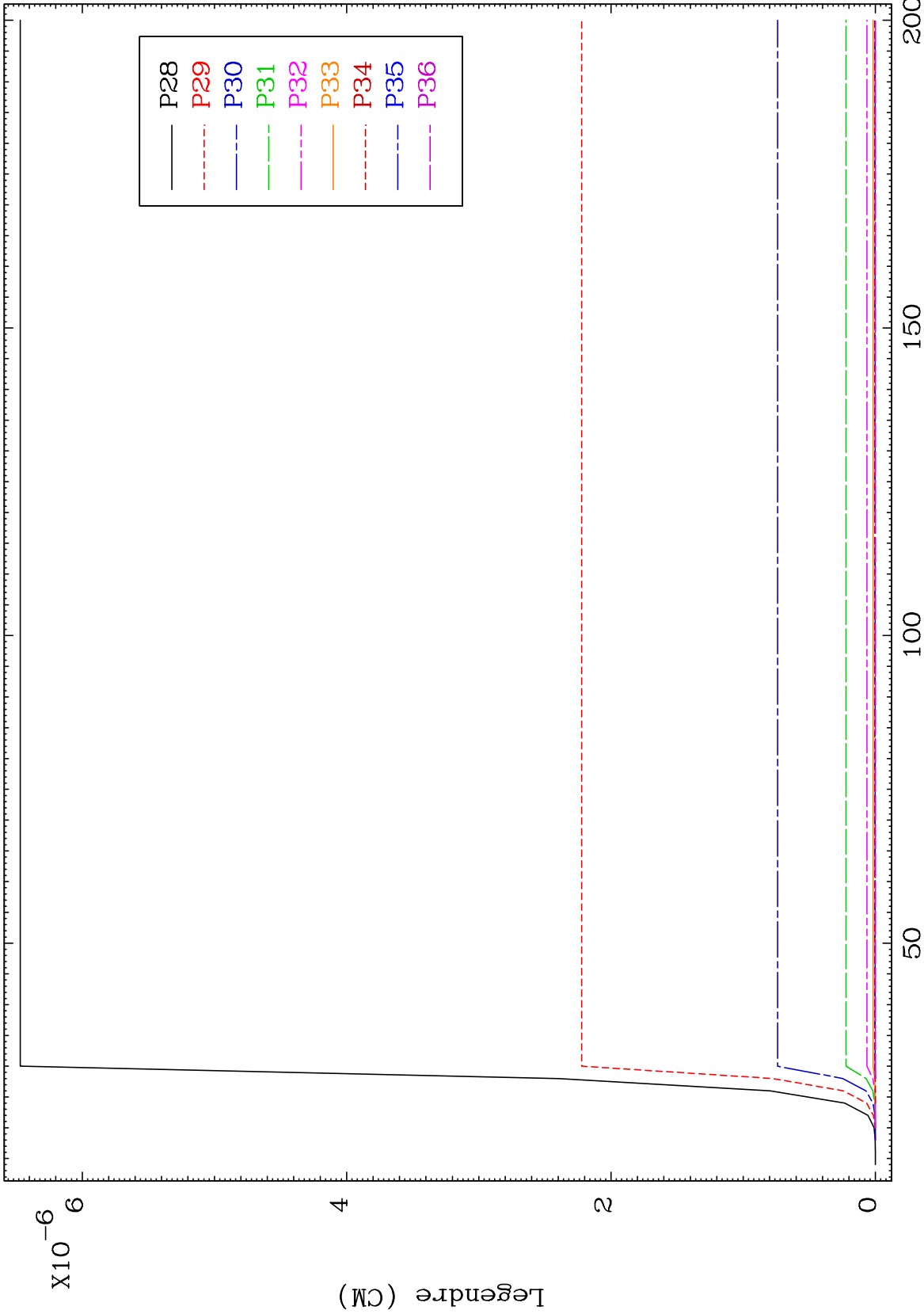
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



124

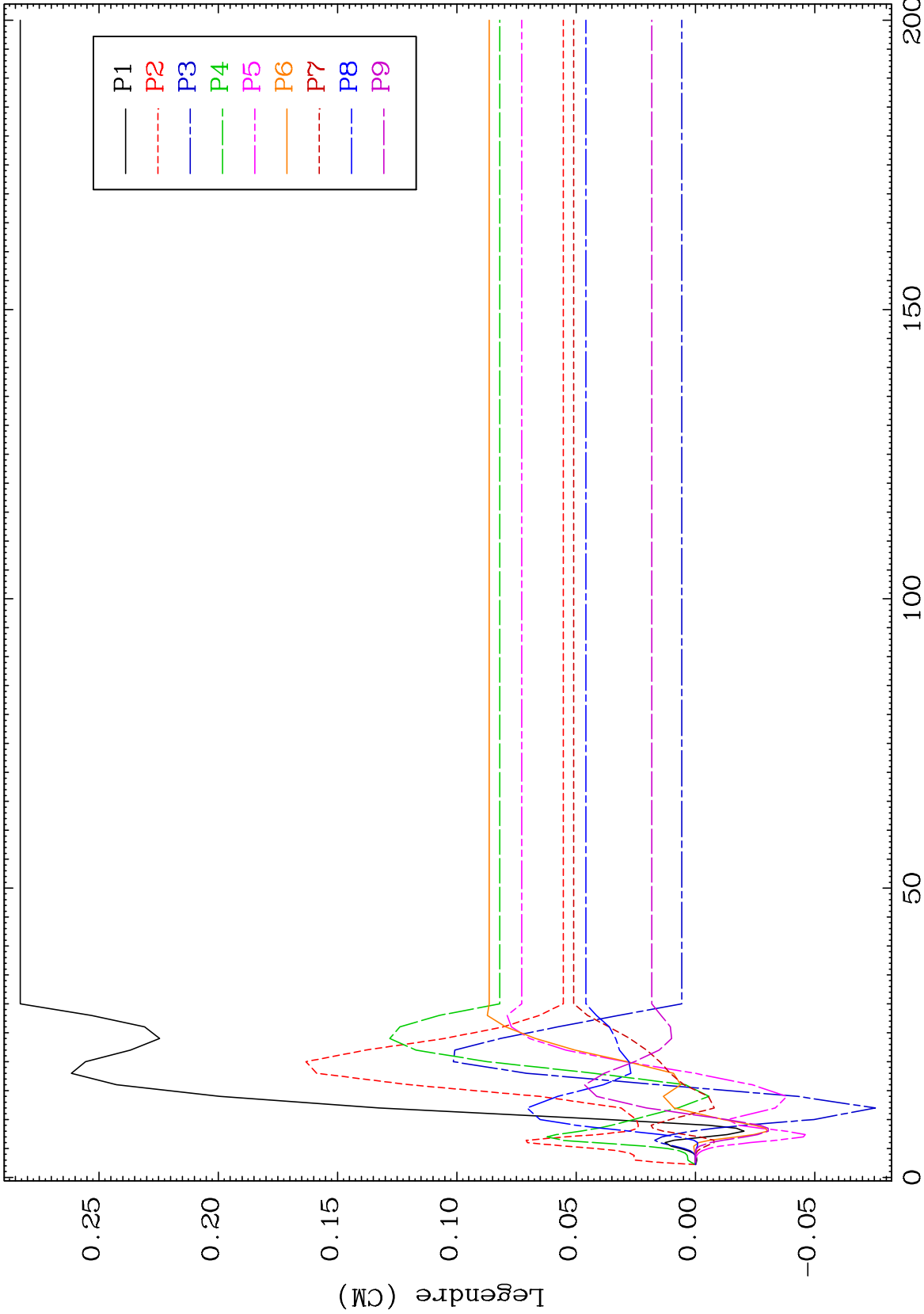
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

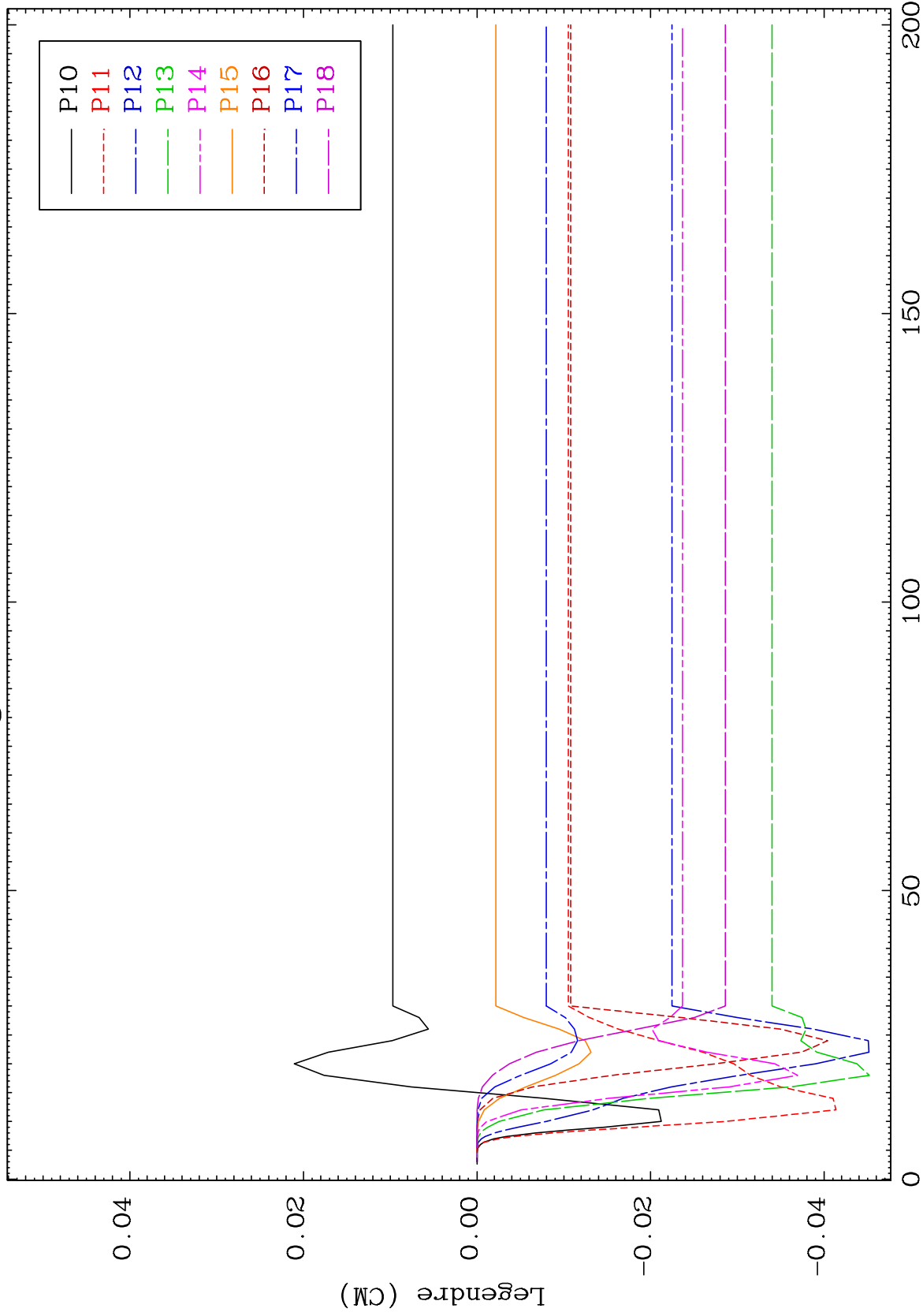
Incident Energy (MeV)

125

MAT 6307

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

63-Eu-145

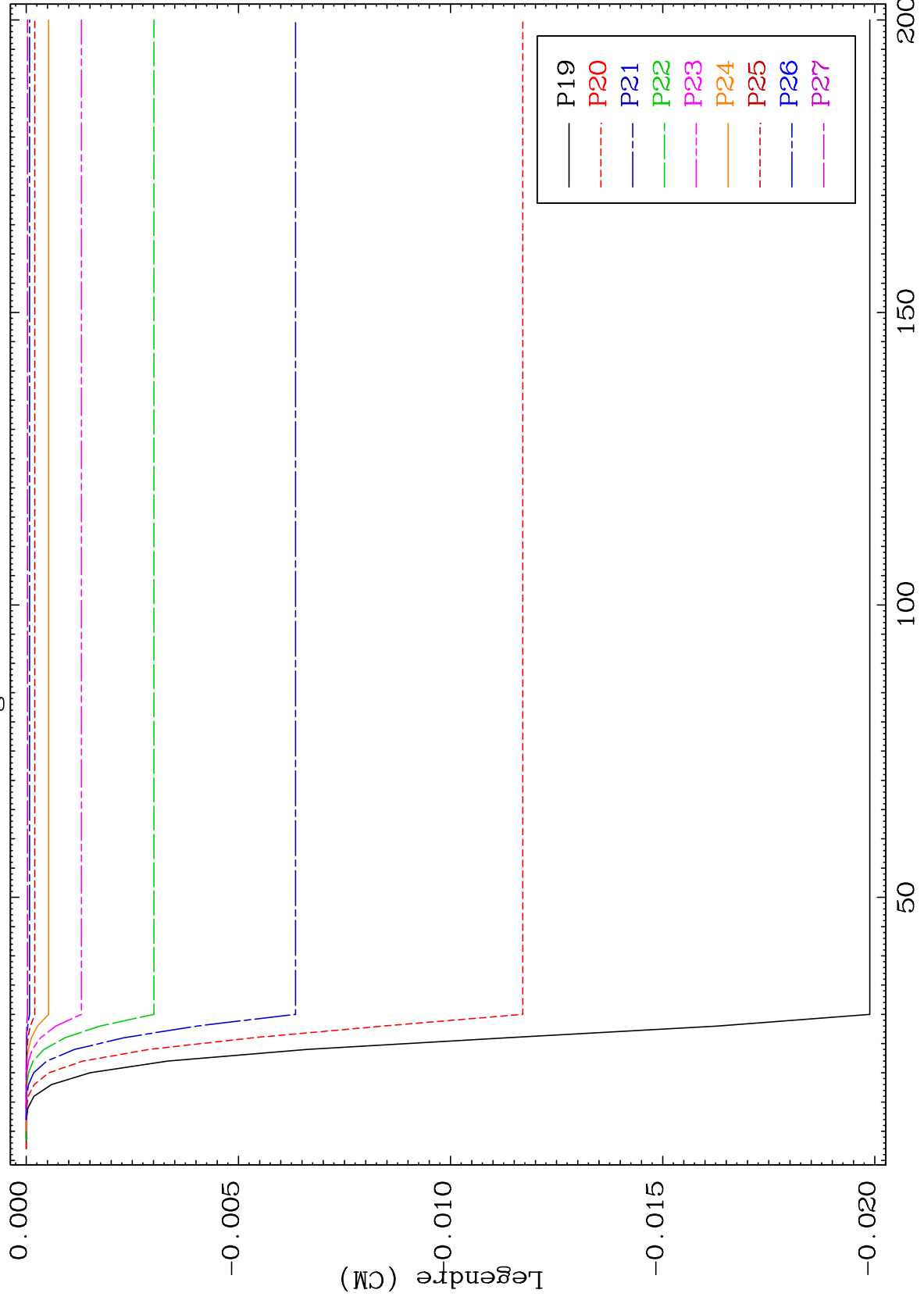


126

Incident Energy (MeV)

63-Eu-145

MAT 6307 MT= 80 (n,n') Level Legendre Coefficients 63-Eu-145

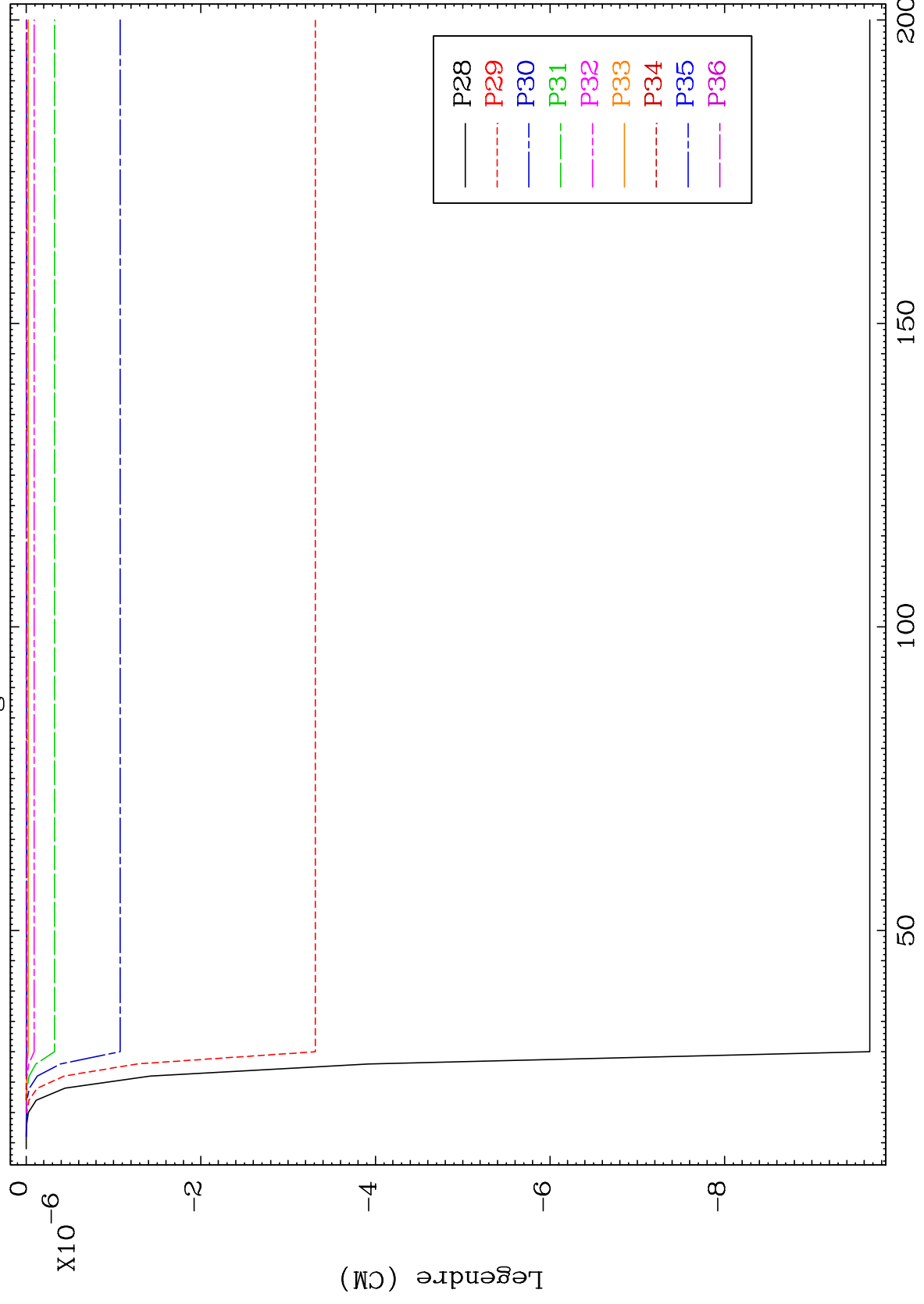


127 63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

Incident Energy (MeV)

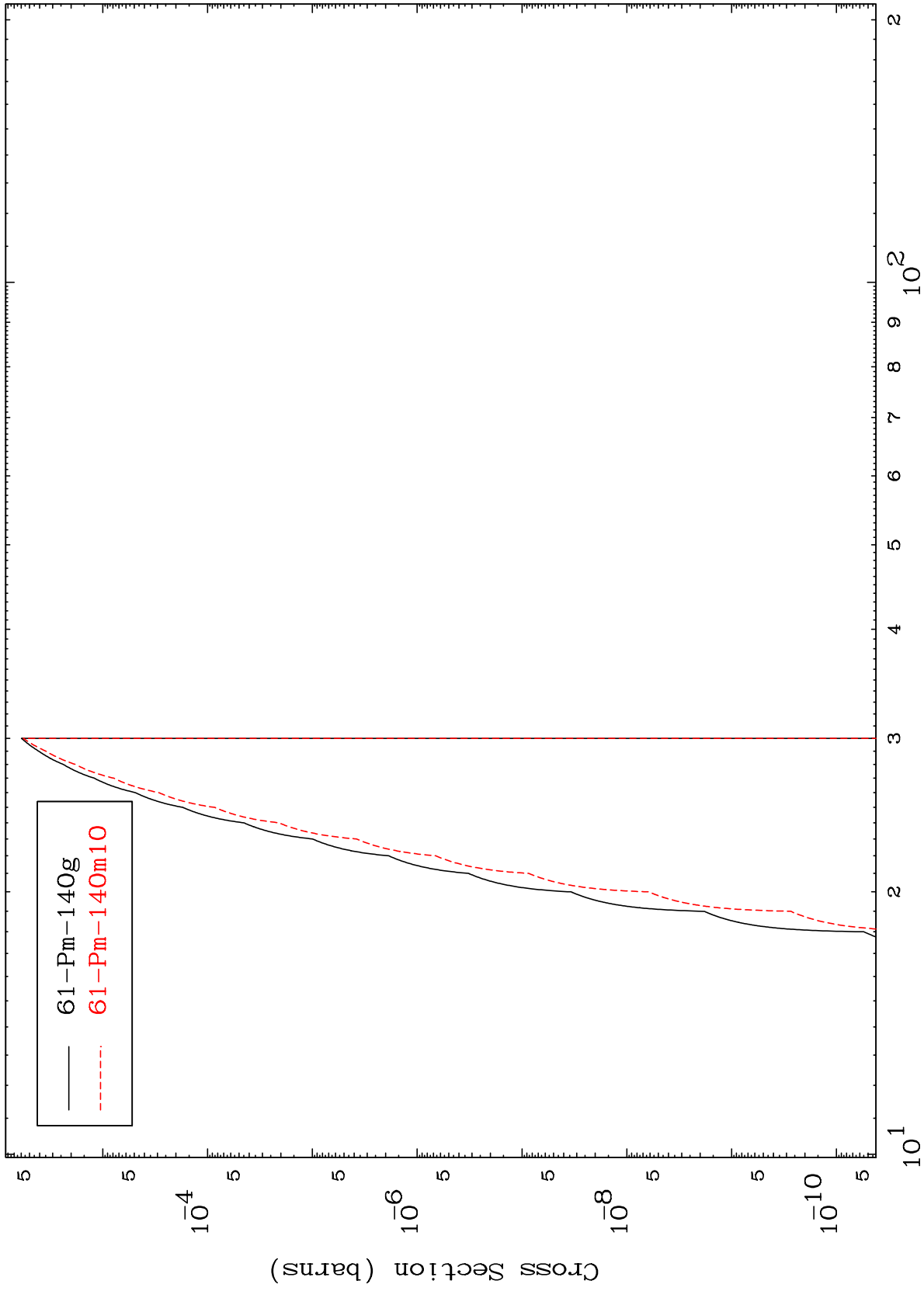
128

MAT 6307

(n,2n) α

63-Eu-145

Radionuclide Production Cross Section



129

Incident Energy (MeV)

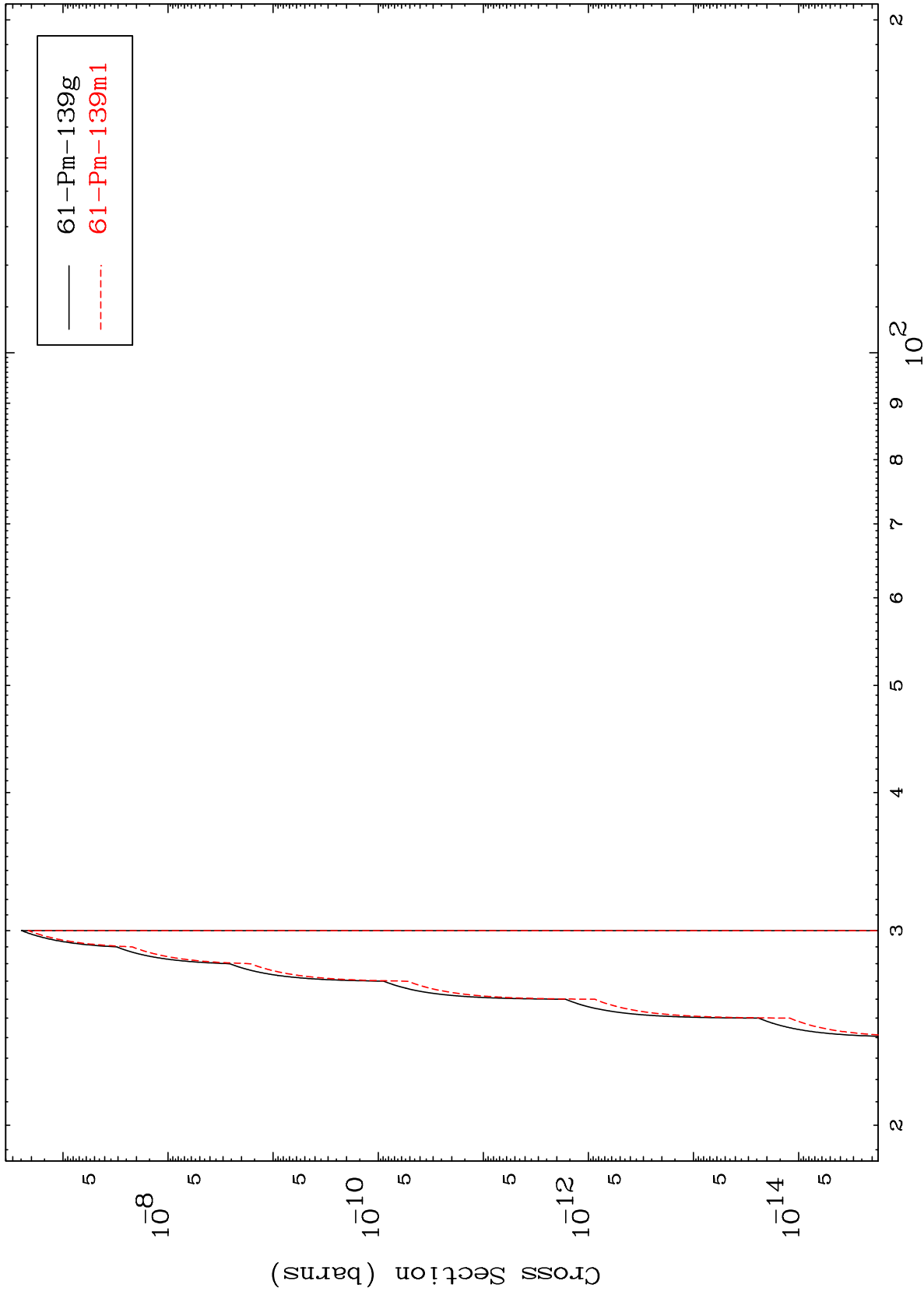
63-Eu-145

MAT 6307

(n,3n) α

63-Eu-145

Radionuclide Production Cross Section



130

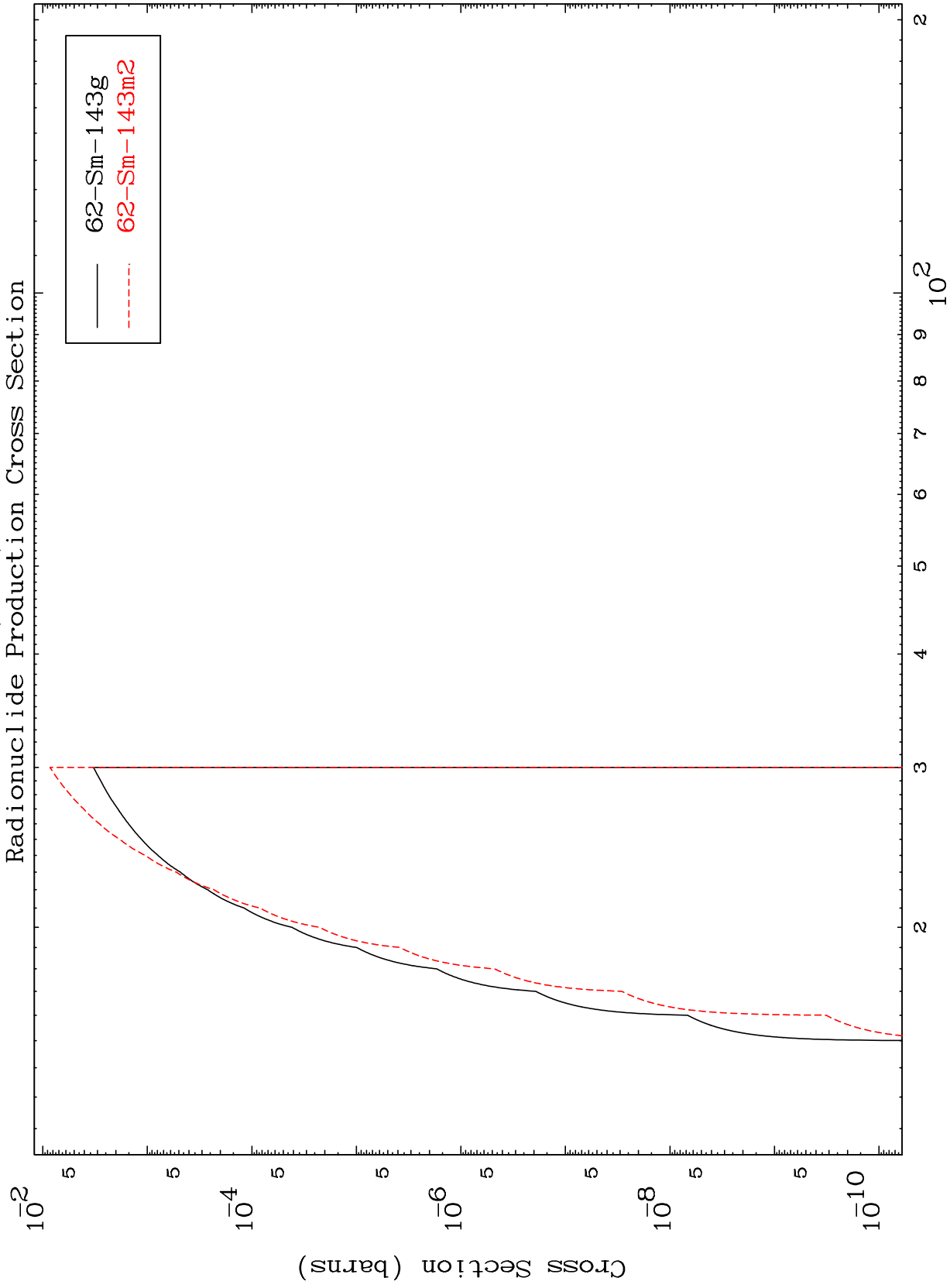
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') d

63-Eu-145



131

Incident Energy (MeV)

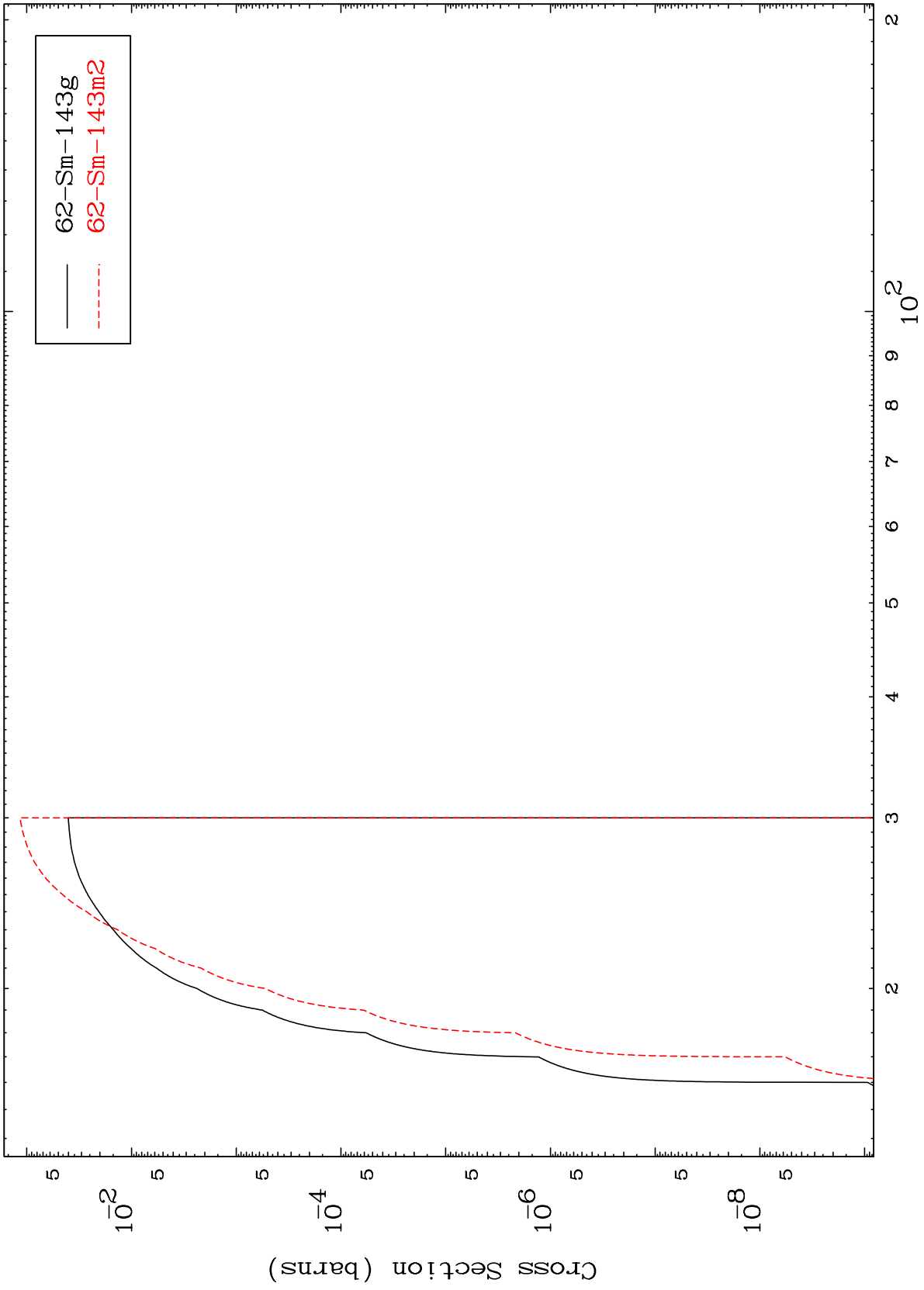
63-Eu-145

MAT 6307

(n,2n) p

63-Eu-145

Radionuclide Production Cross Section



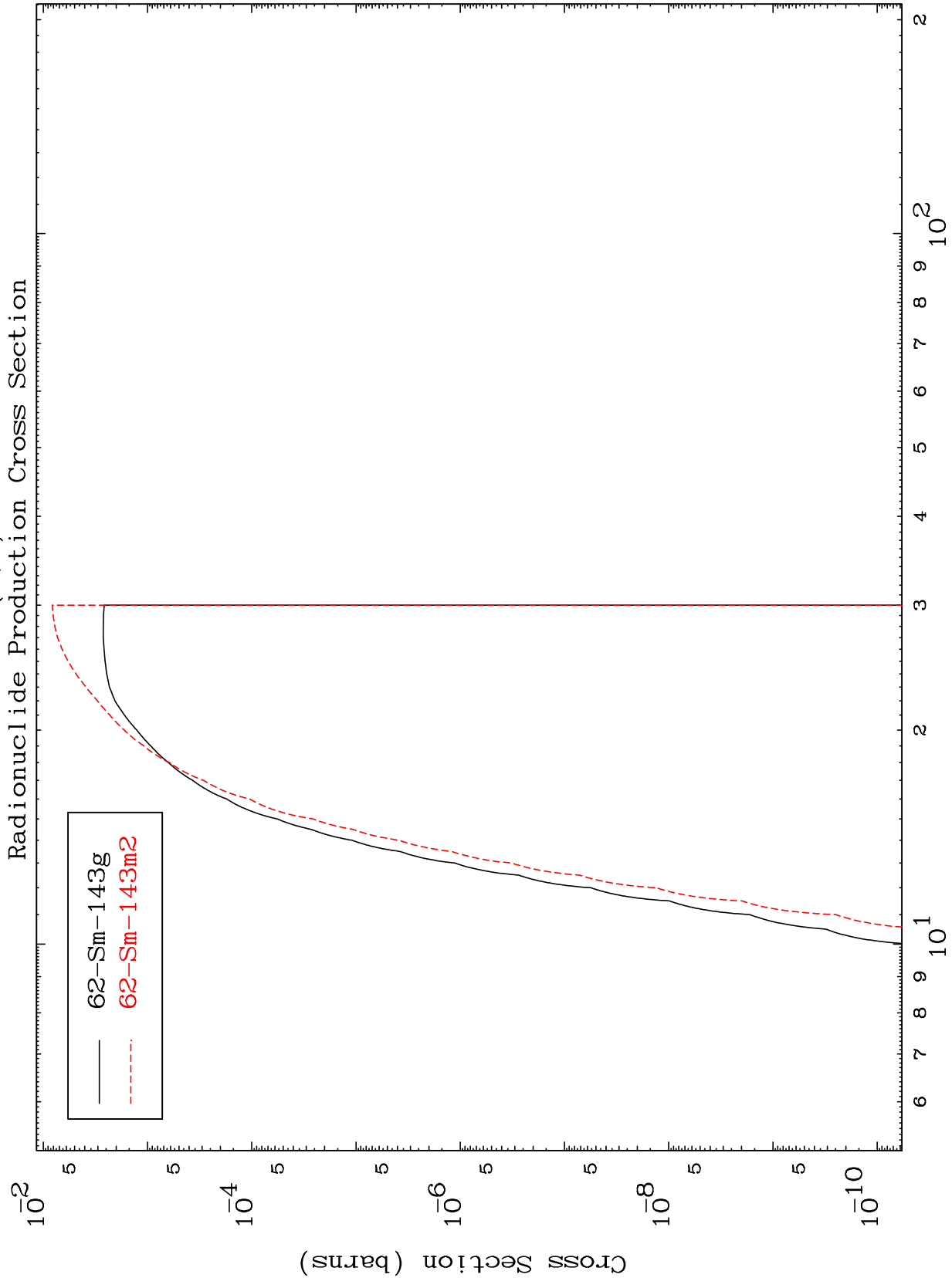
132

Incident Energy (MeV)

63-Eu-145

MAT 6307

63-Eu-145



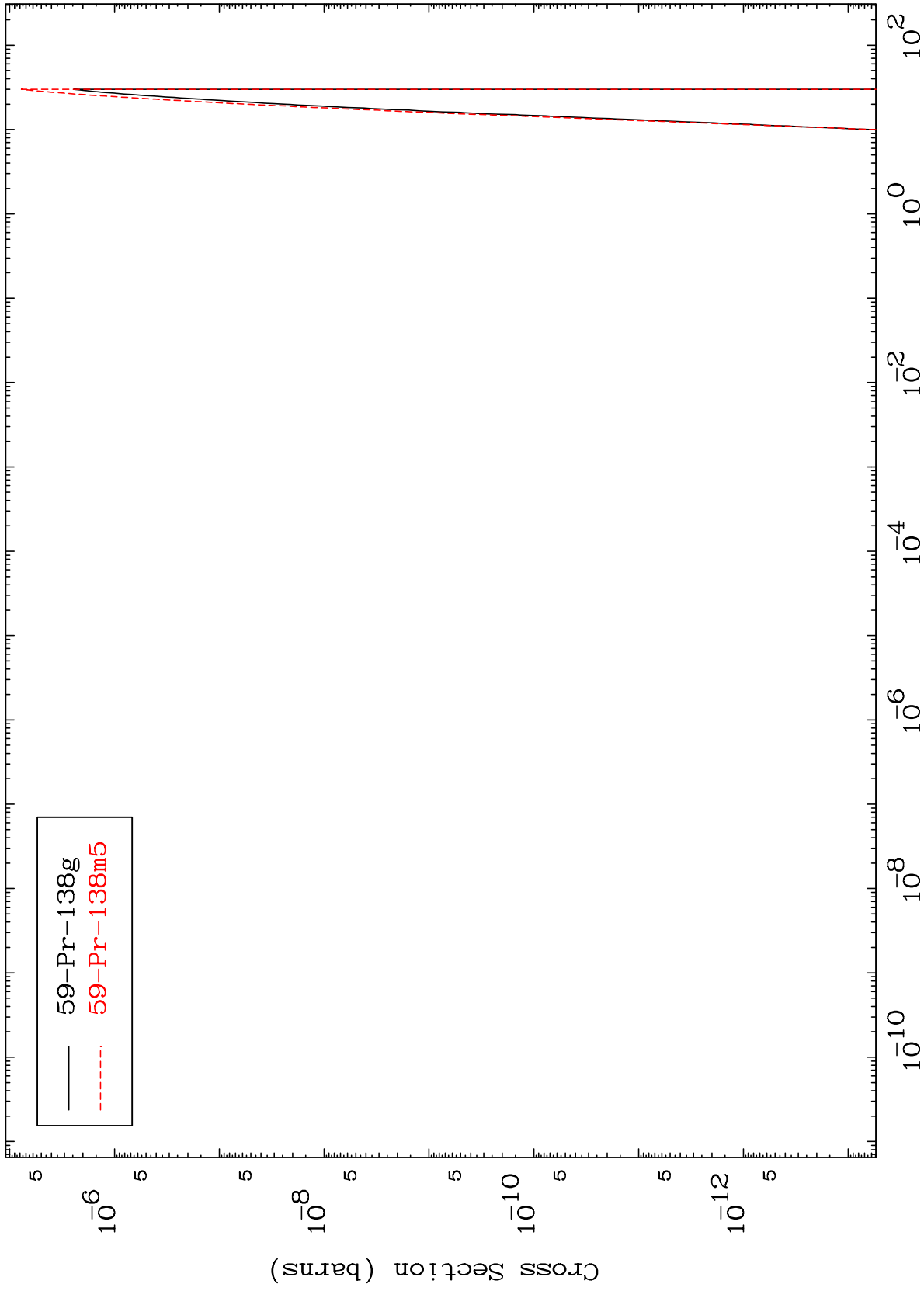
133

MAT 6307

(n,2α)

63-Eu-145

Radionuclide Production Cross Section



134

Incident Energy (MeV)

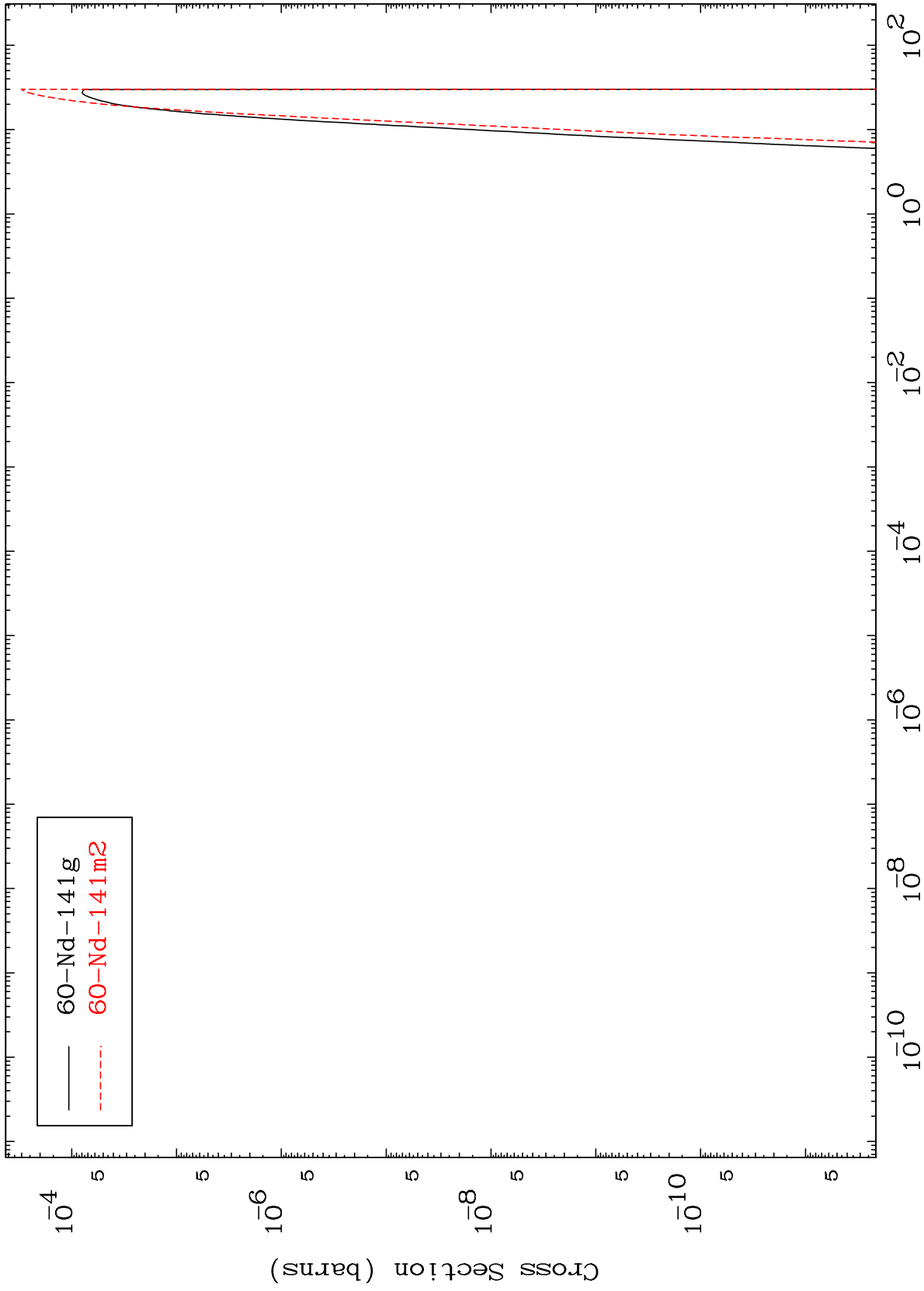
63-Eu-145

MAT 6307

(n,p) α

63-Eu-145

Radionuclide Production Cross Section



135

Incident Energy (MeV)

63-Eu-145