

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

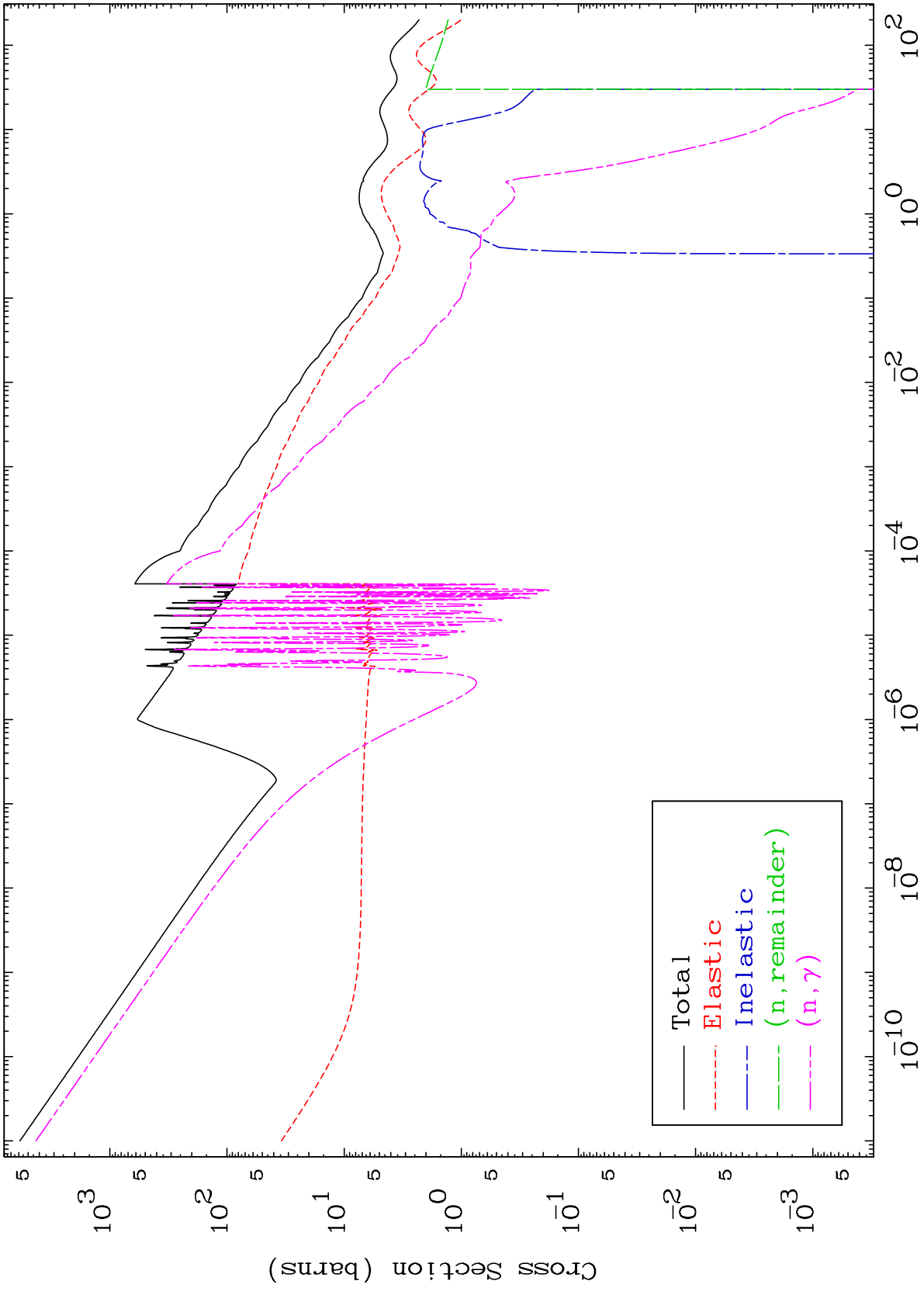
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6304

Major
293 Kelvin Cross Sections

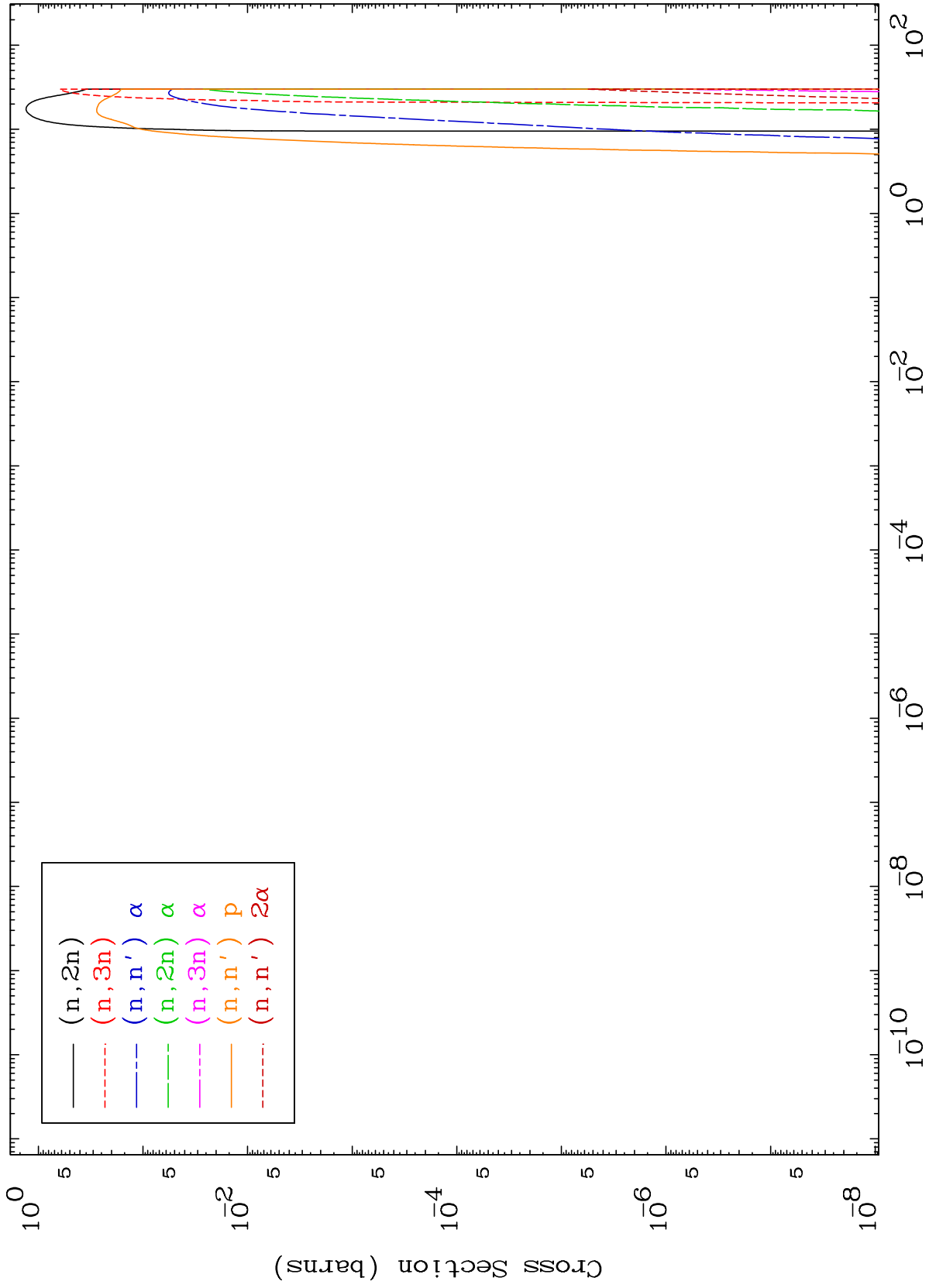
63-Eu-144



MAT 6304

Neutron Production
293 Kelvin Cross Sections

63-Eu-144



2

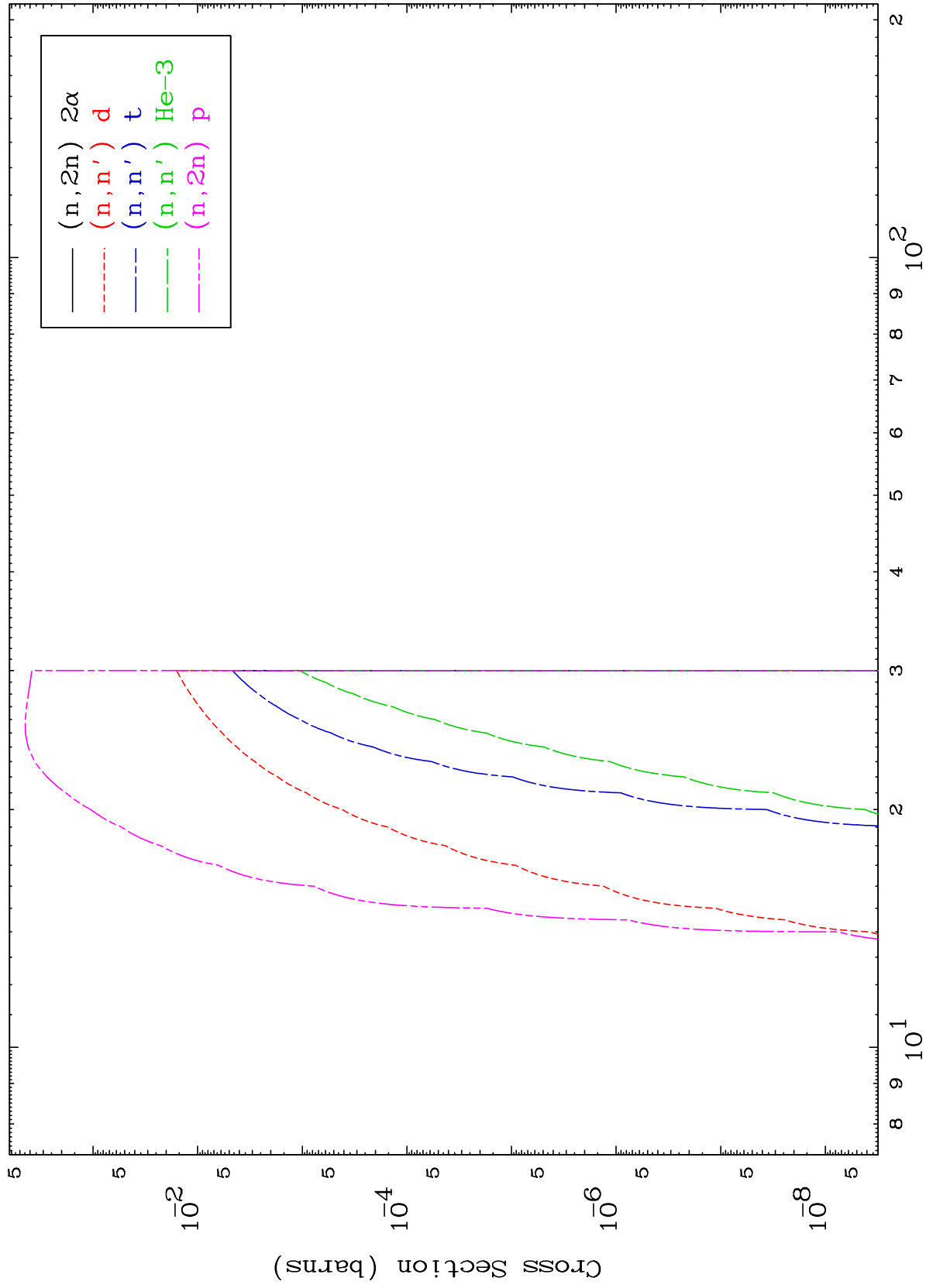
Incident Energy (MeV)

63-Eu-144

MAT 6304

Neutron Production 293 Kelvin Cross Sections

63-Eu-144



3

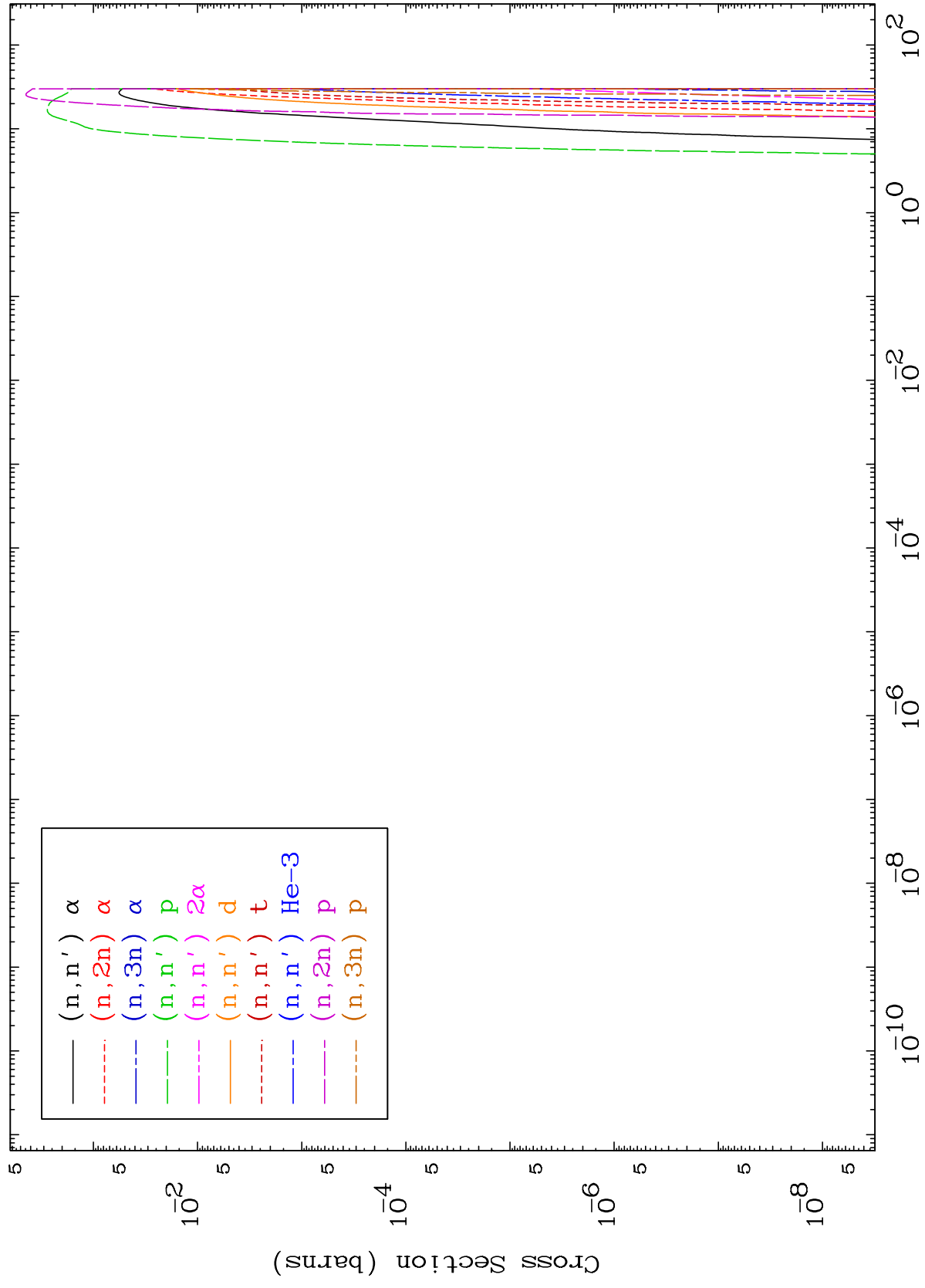
Incident Energy (MeV)

63-Eu-144

MAT 6304

Charged Particle
293 Kelvin Cross Sections

63-Eu-144

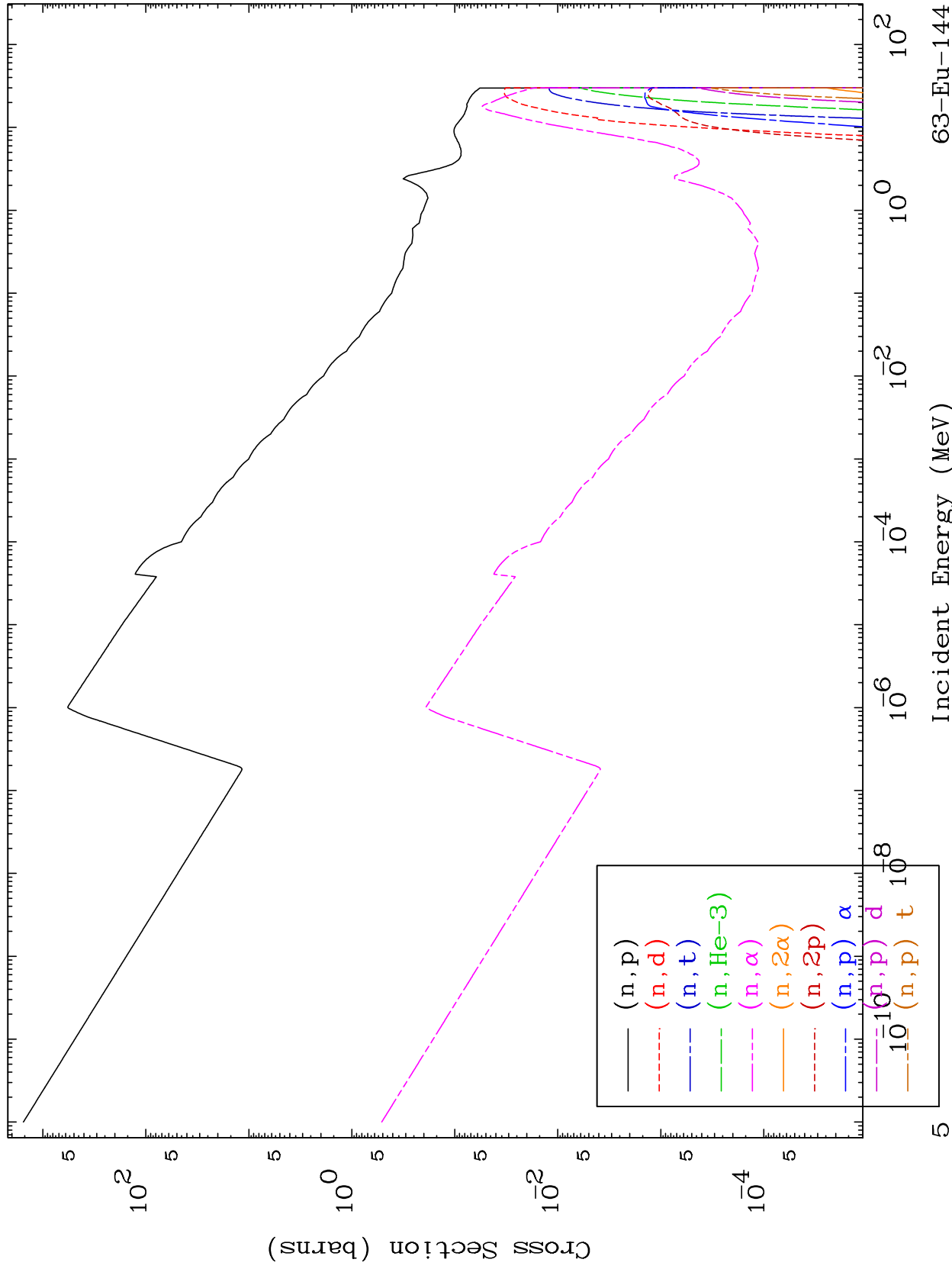


63-Eu-144

MAT 6304

Charged Particle
293 Kelvin Cross Sections

63-Eu-144

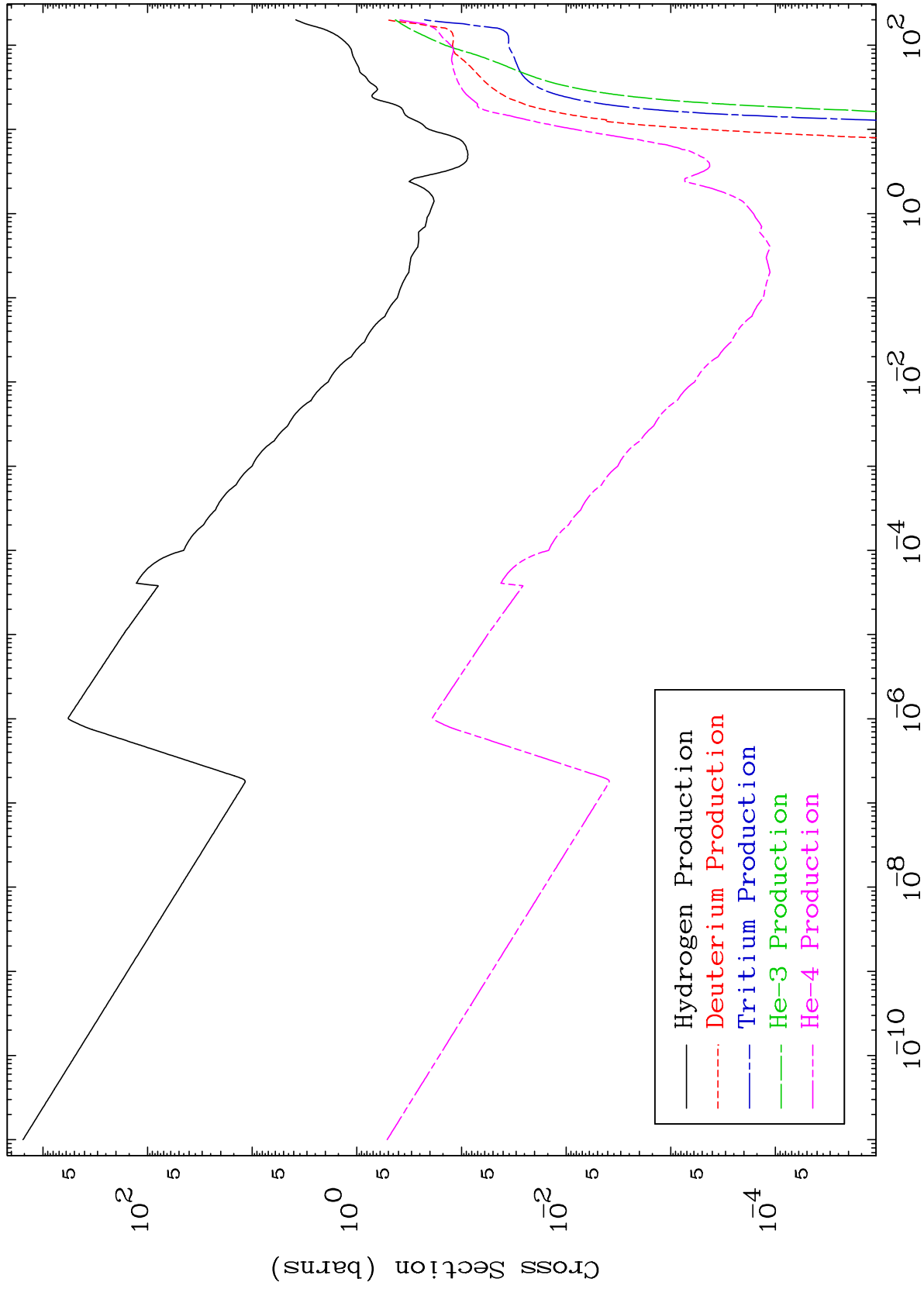


63-Eu-144

MAT 6304

Particle Production
293 Kelvin Cross Sections

63-Eu-144

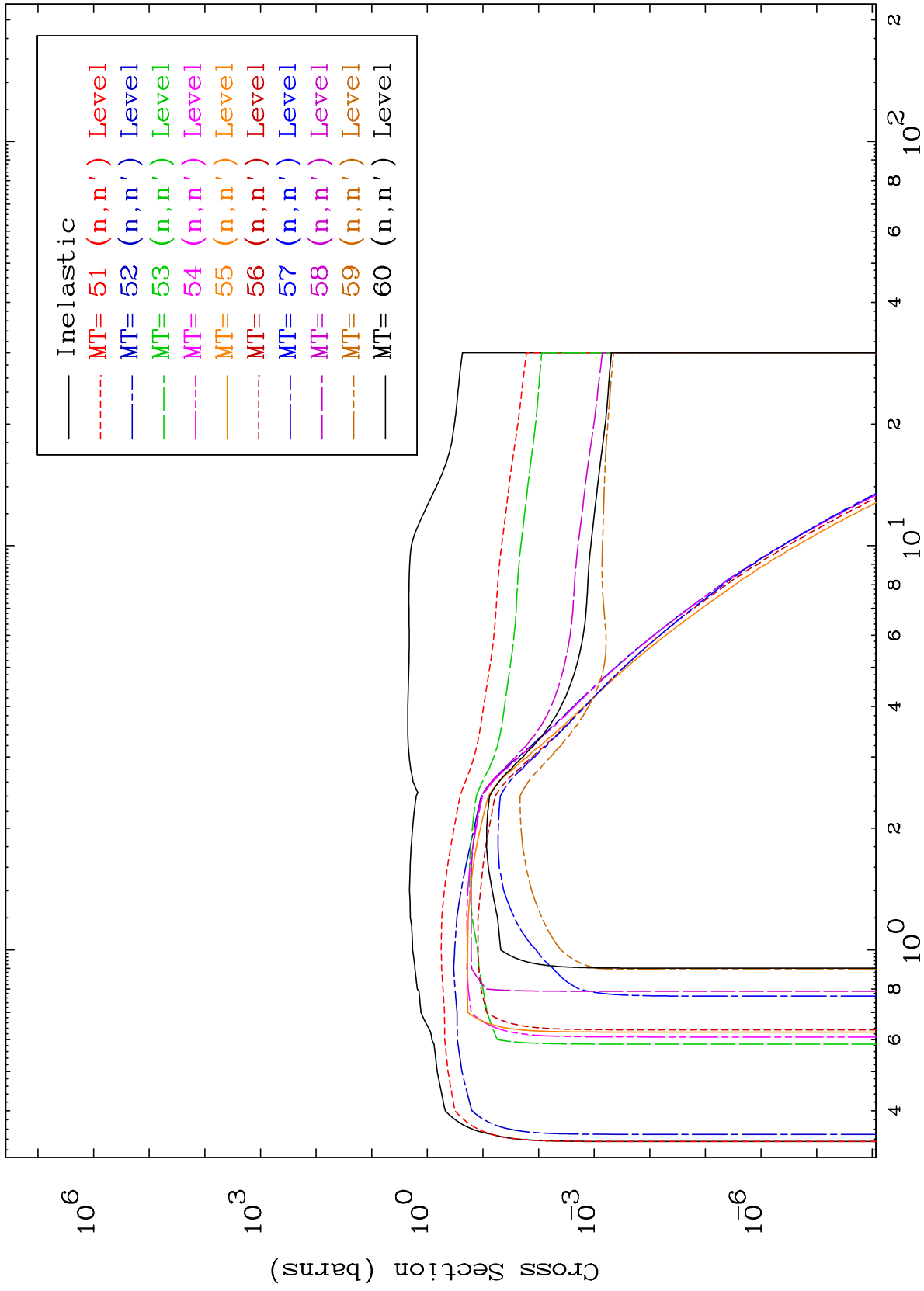


MAT 6304

(n,n') Level

63-Eu-144

293 Kelvin Cross Sections



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Incident Energy (MeV)

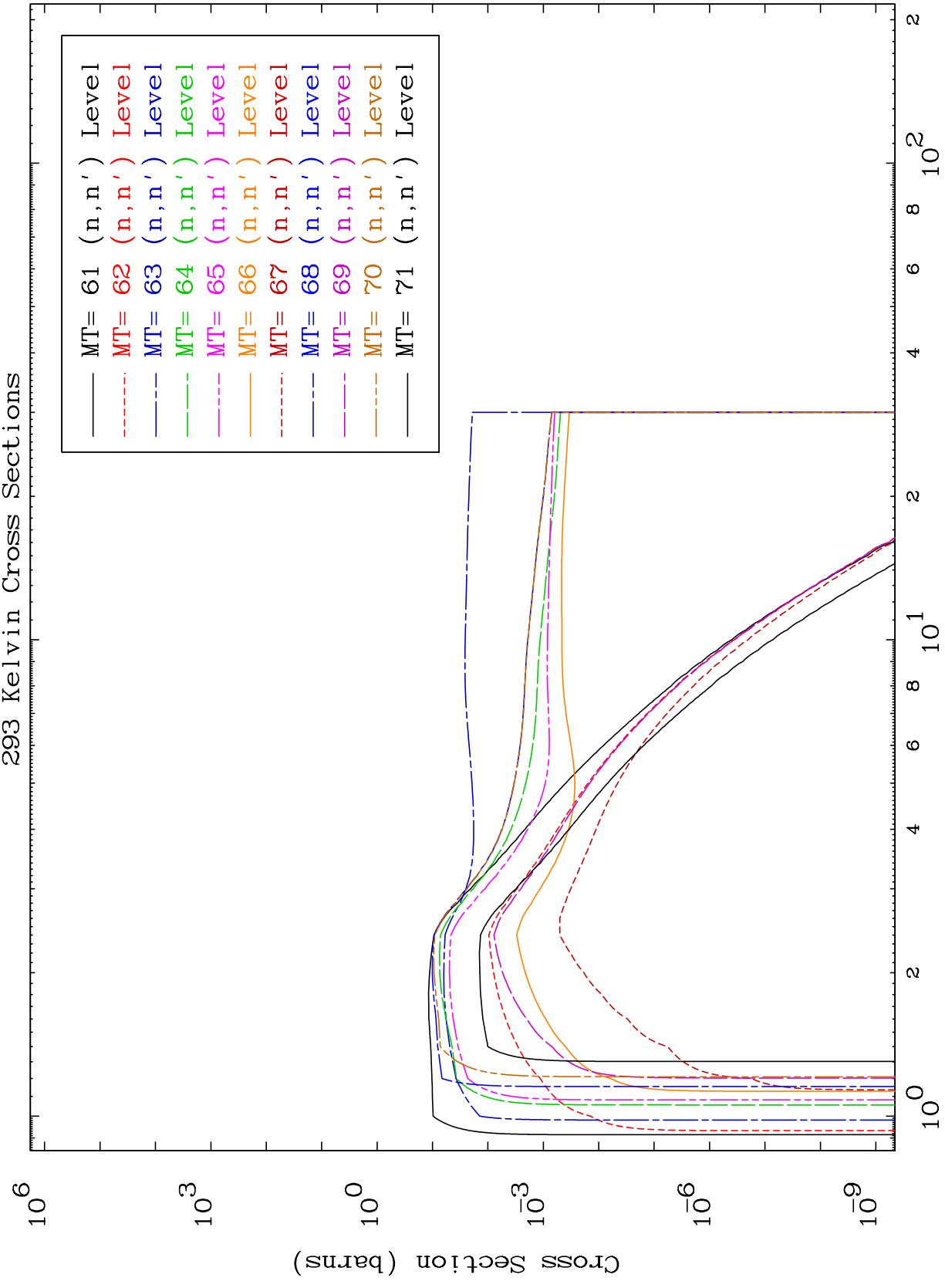
63-Eu-144

MAT 6304

(n,n') Level

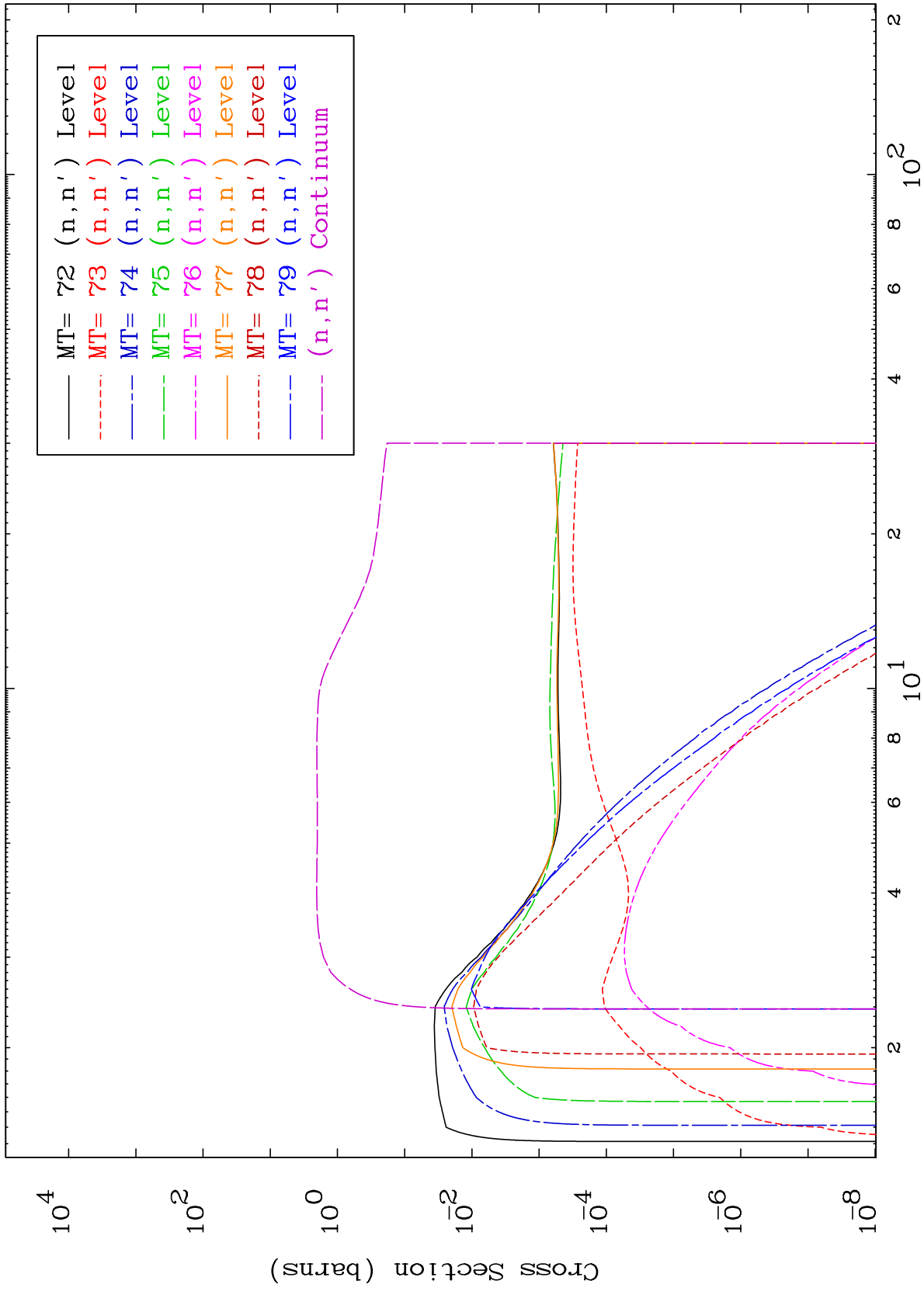
63-Eu-144

293 Kelvin Cross Sections



Incident Energy (MeV)

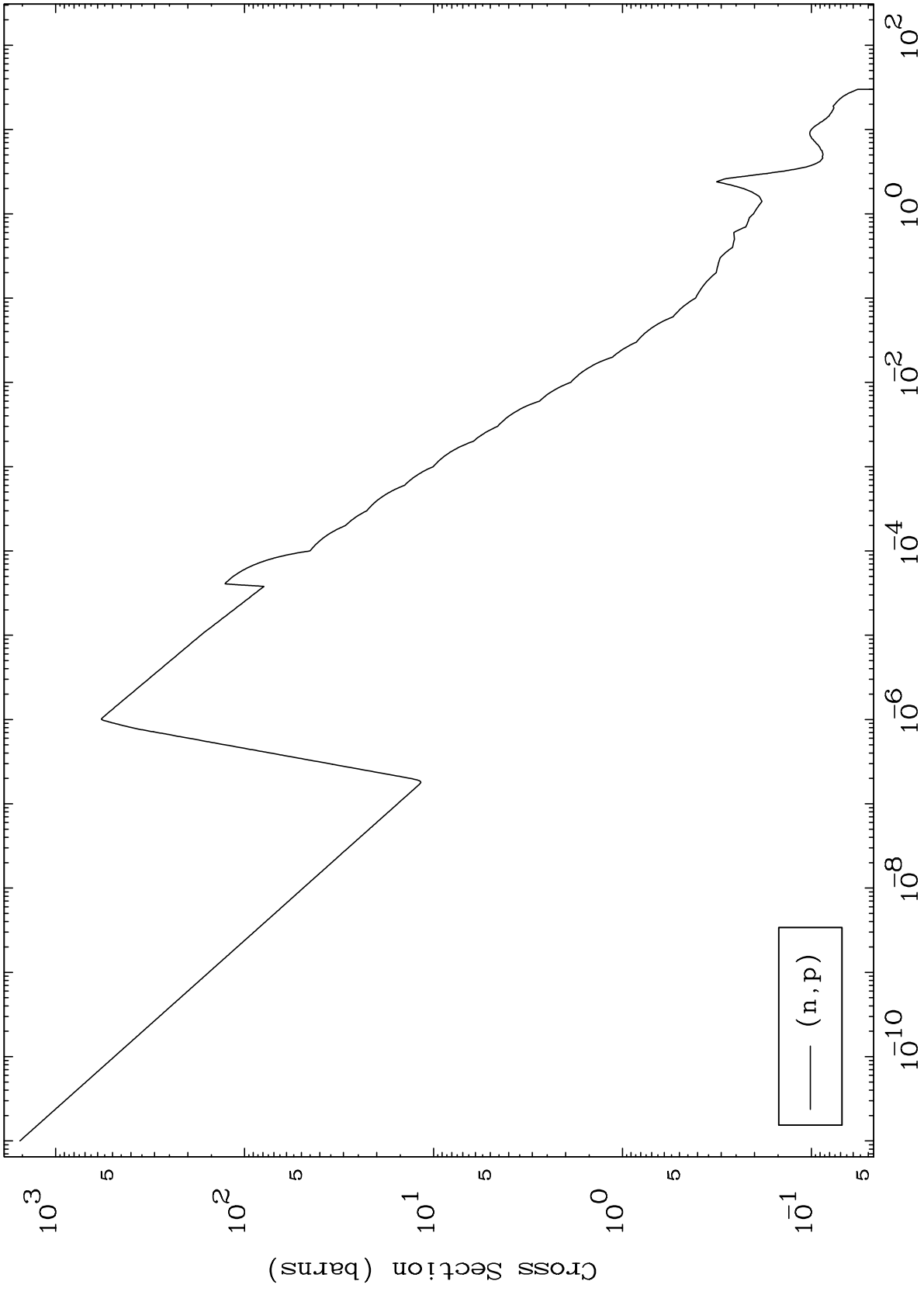
63-Eu-144



MAT 6304

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-144



10

Incident Energy (MeV)

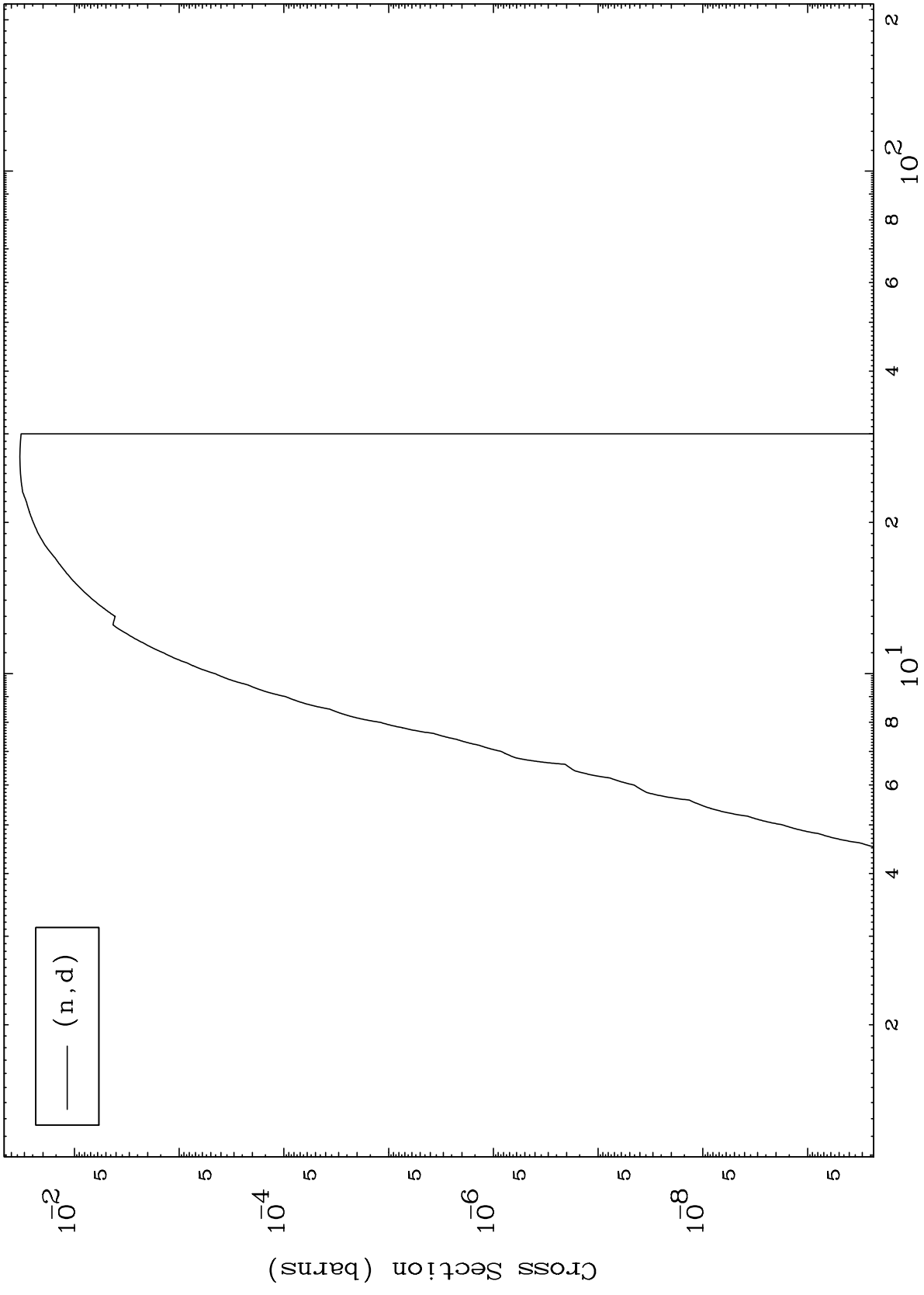
63-Eu-144

— (n, p)

MAT 6304

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-144

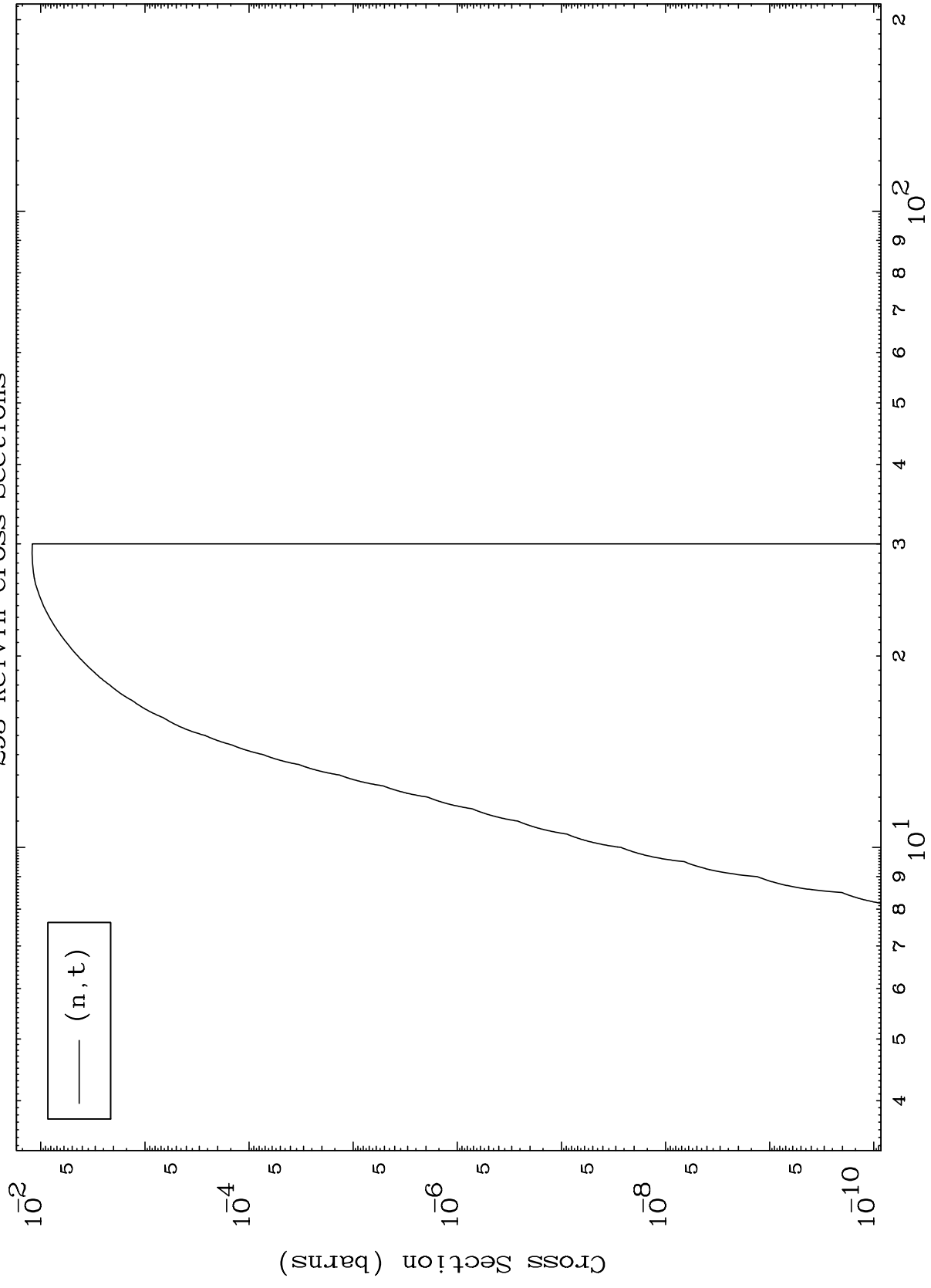


63-Eu-144

MAT 6304

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-144



12

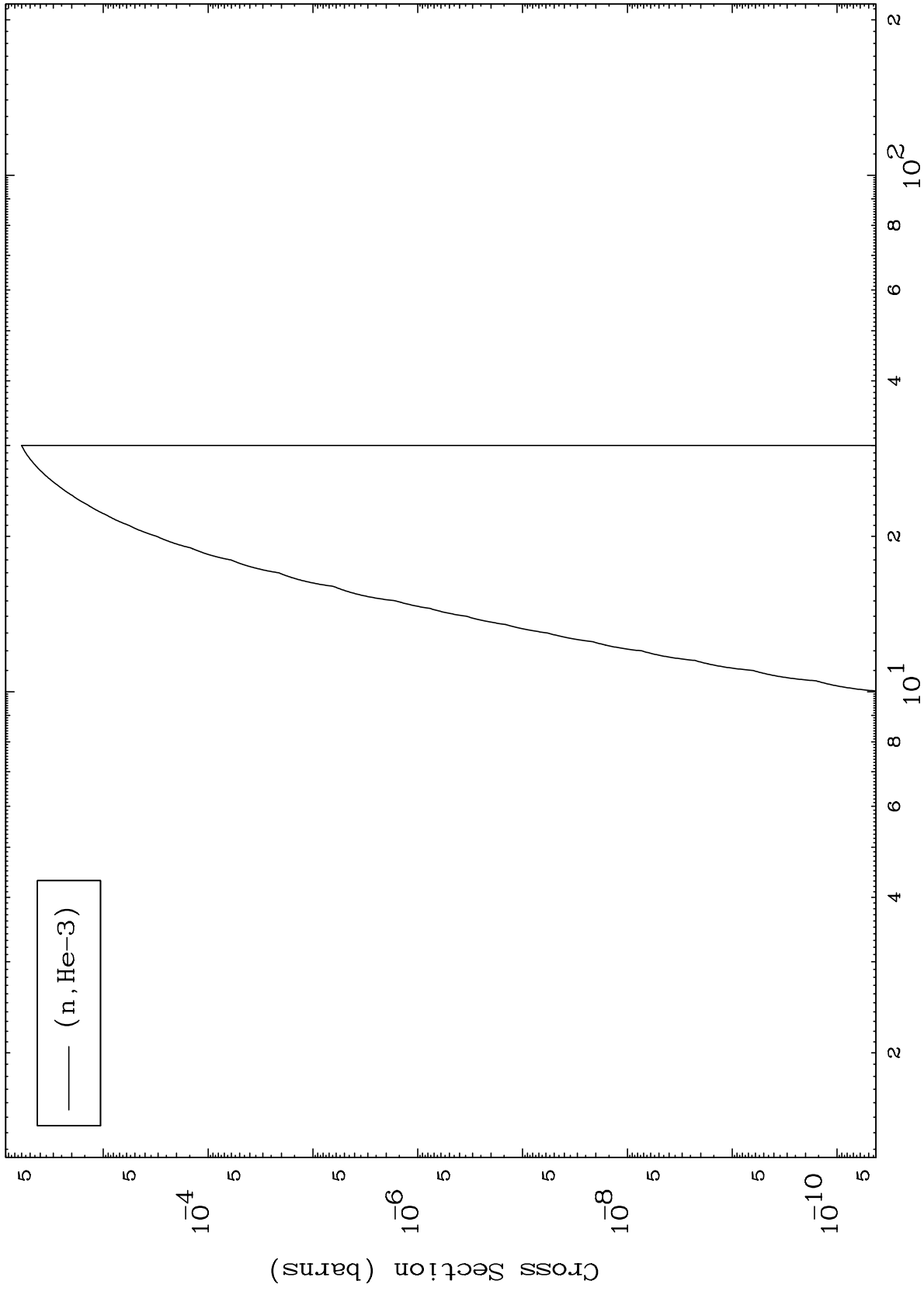
Incident Energy (MeV)

63-Eu-144

MAT 6304

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-144



13

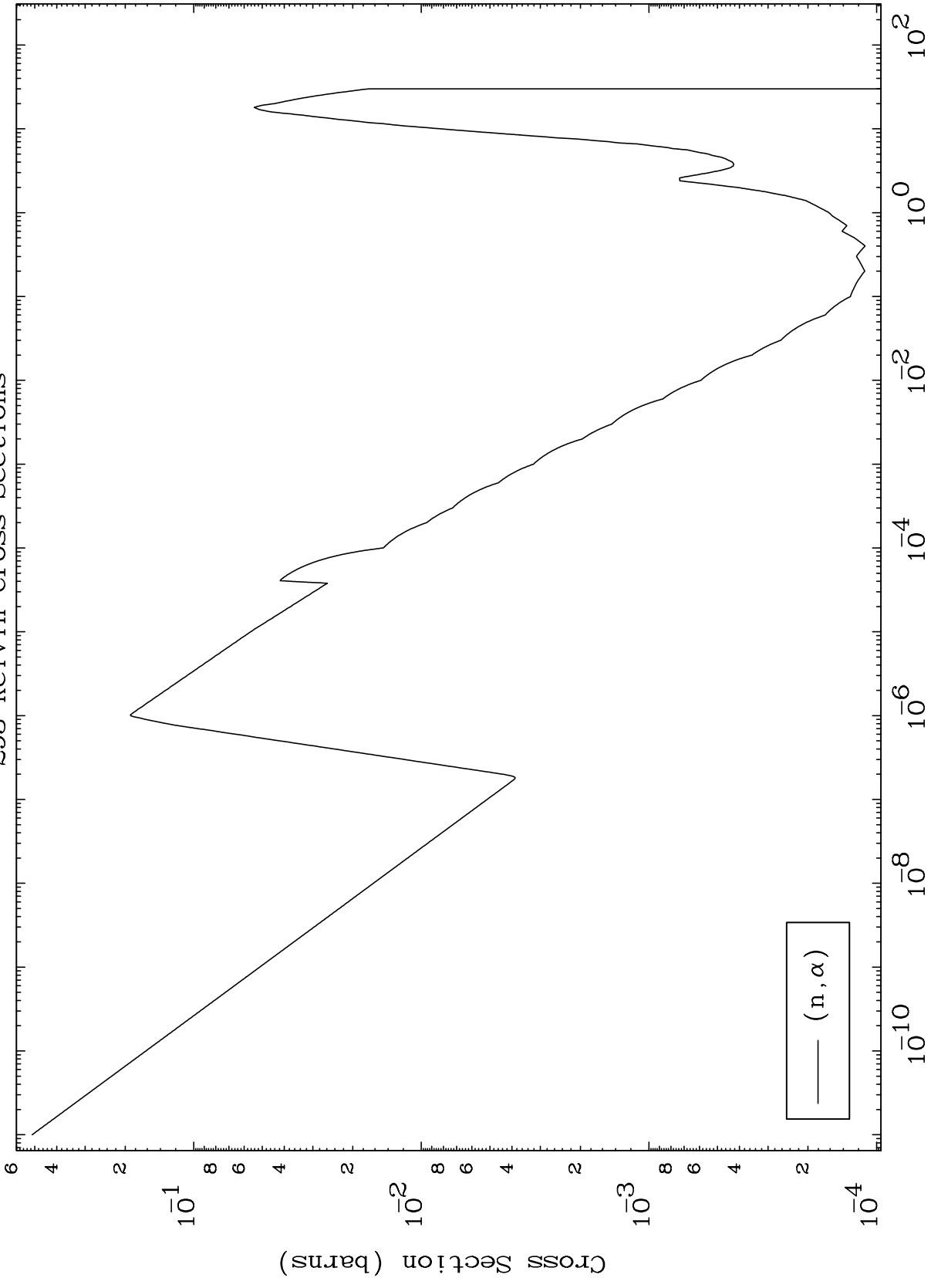
Incident Energy (MeV)

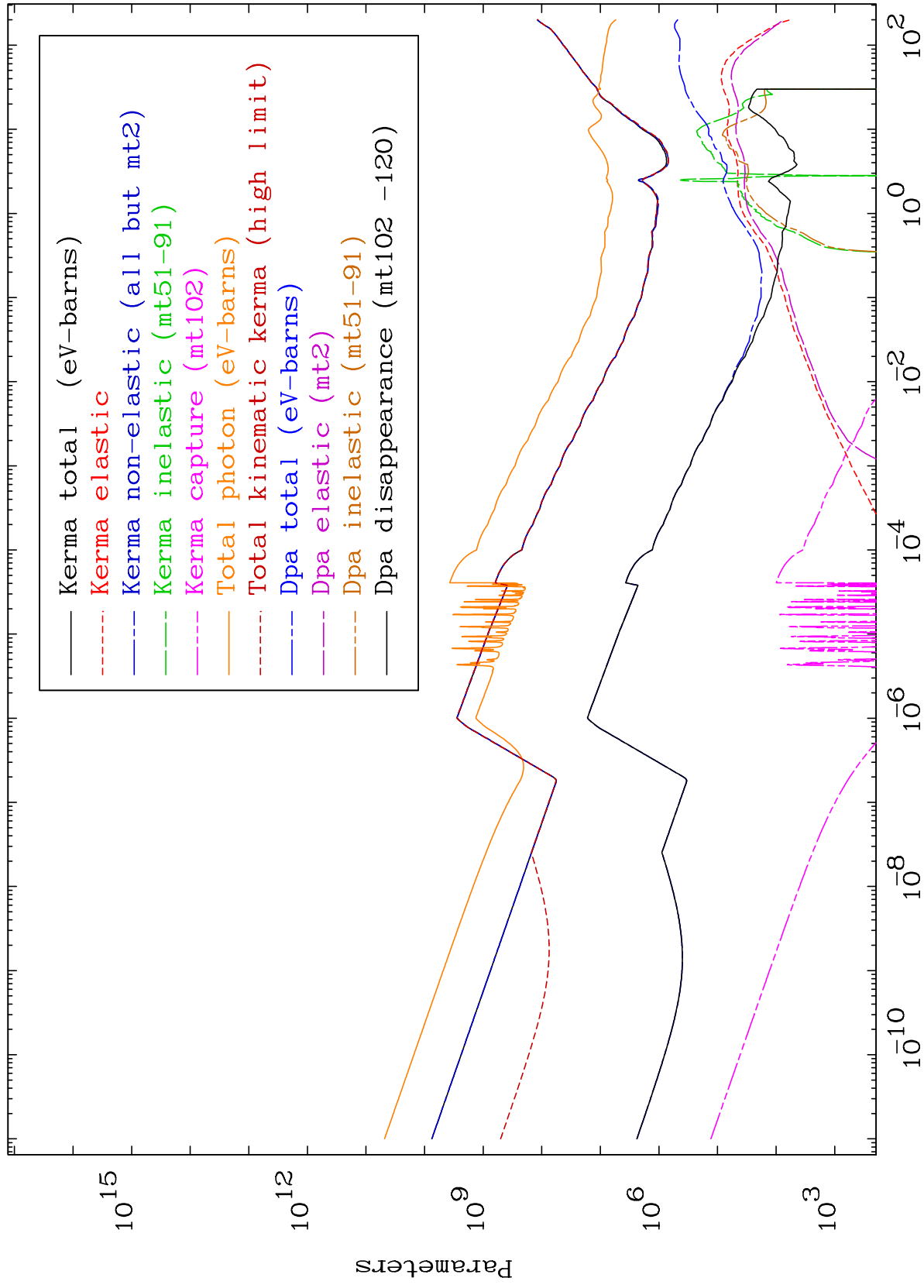
63-Eu-144

MAT 6304

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-144

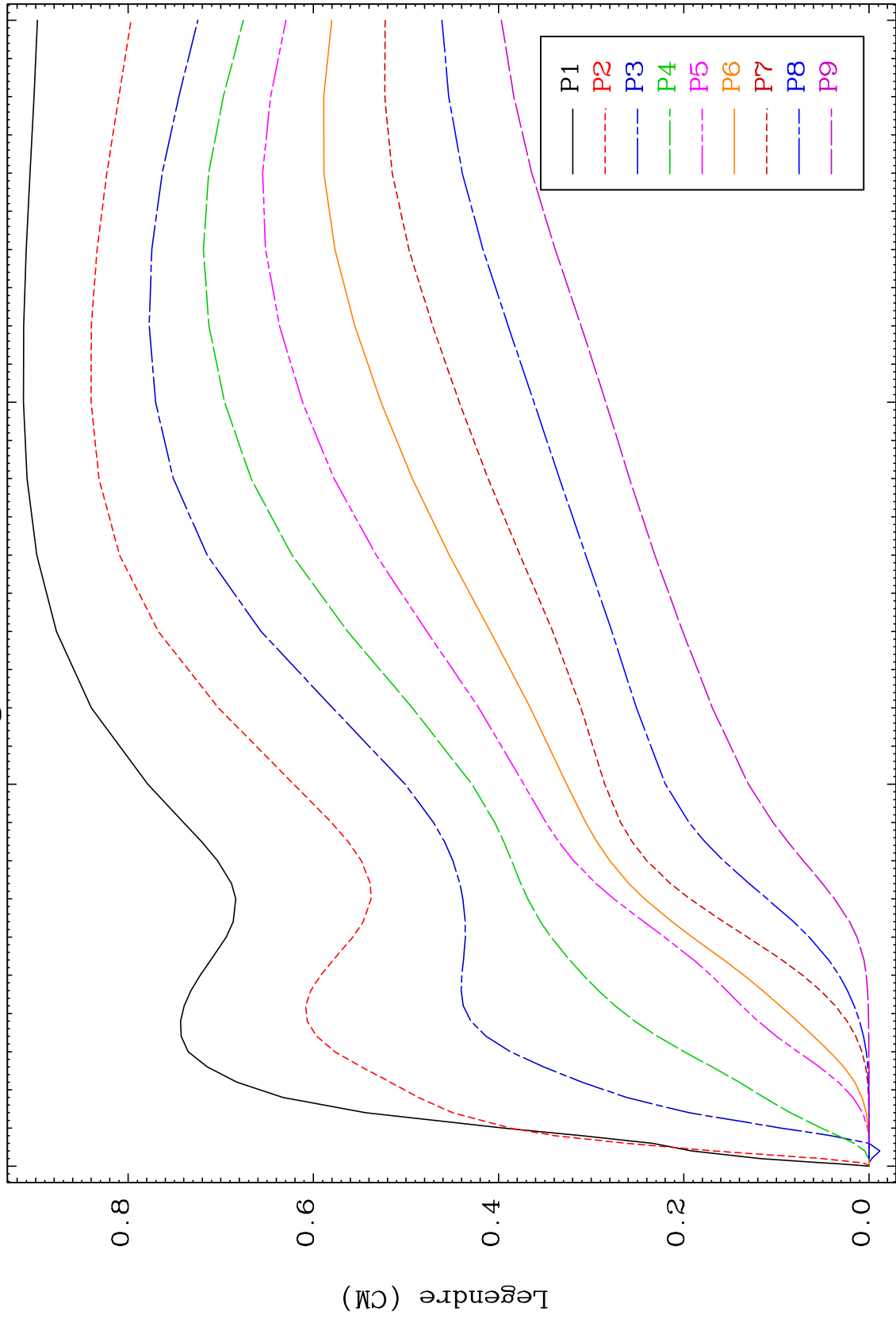




MAT 6304

Elastic Legendre Coefficients

63-Eu-144



16

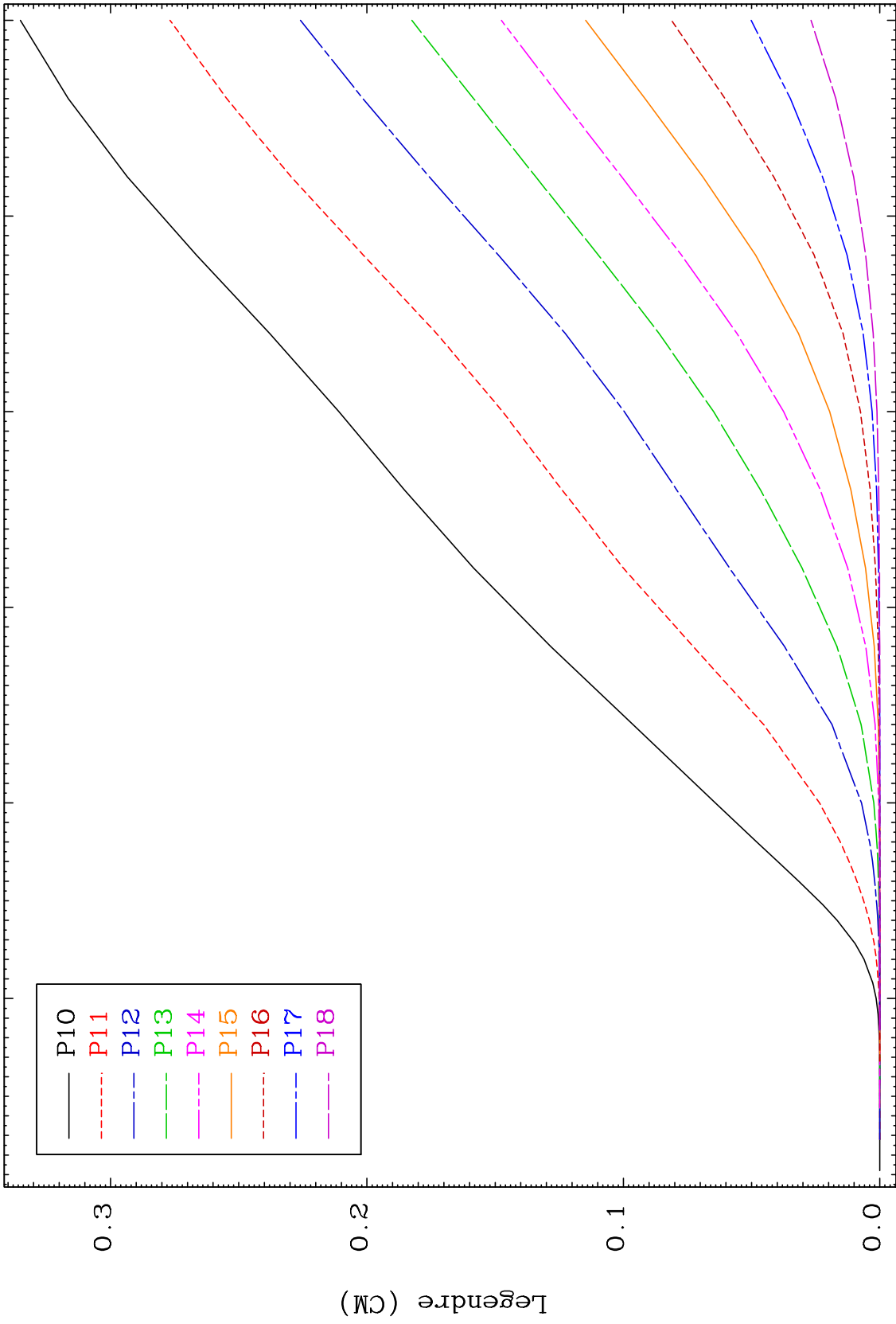
Incident Energy (MeV)

63-Eu-144

MAT 6304

Elastic Legendre Coefficients

63-Eu-144



17

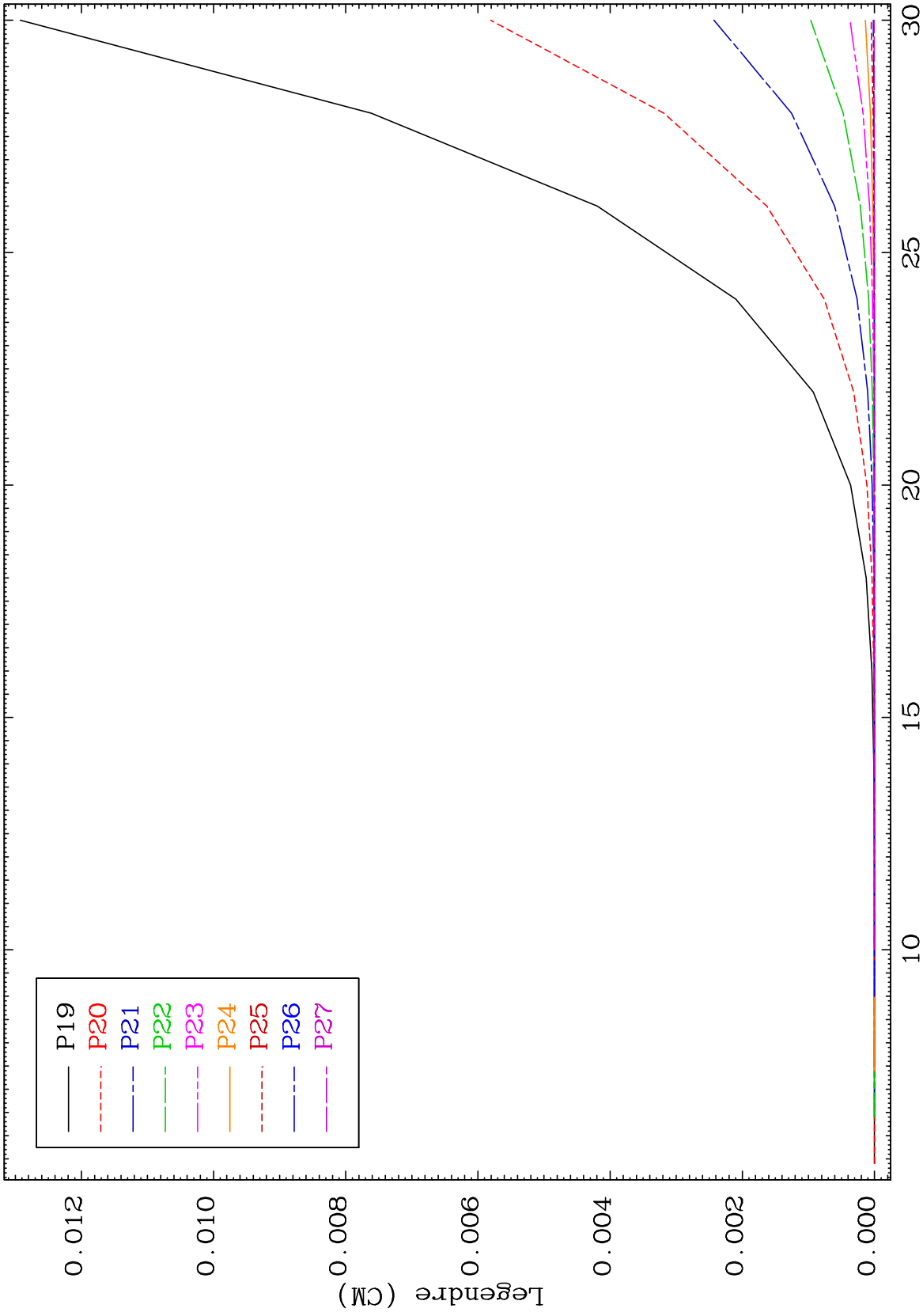
Incident Energy (MeV)

63-Eu-144

MAT 6304

Elastic Legendre Coefficients

63-Eu-144



18

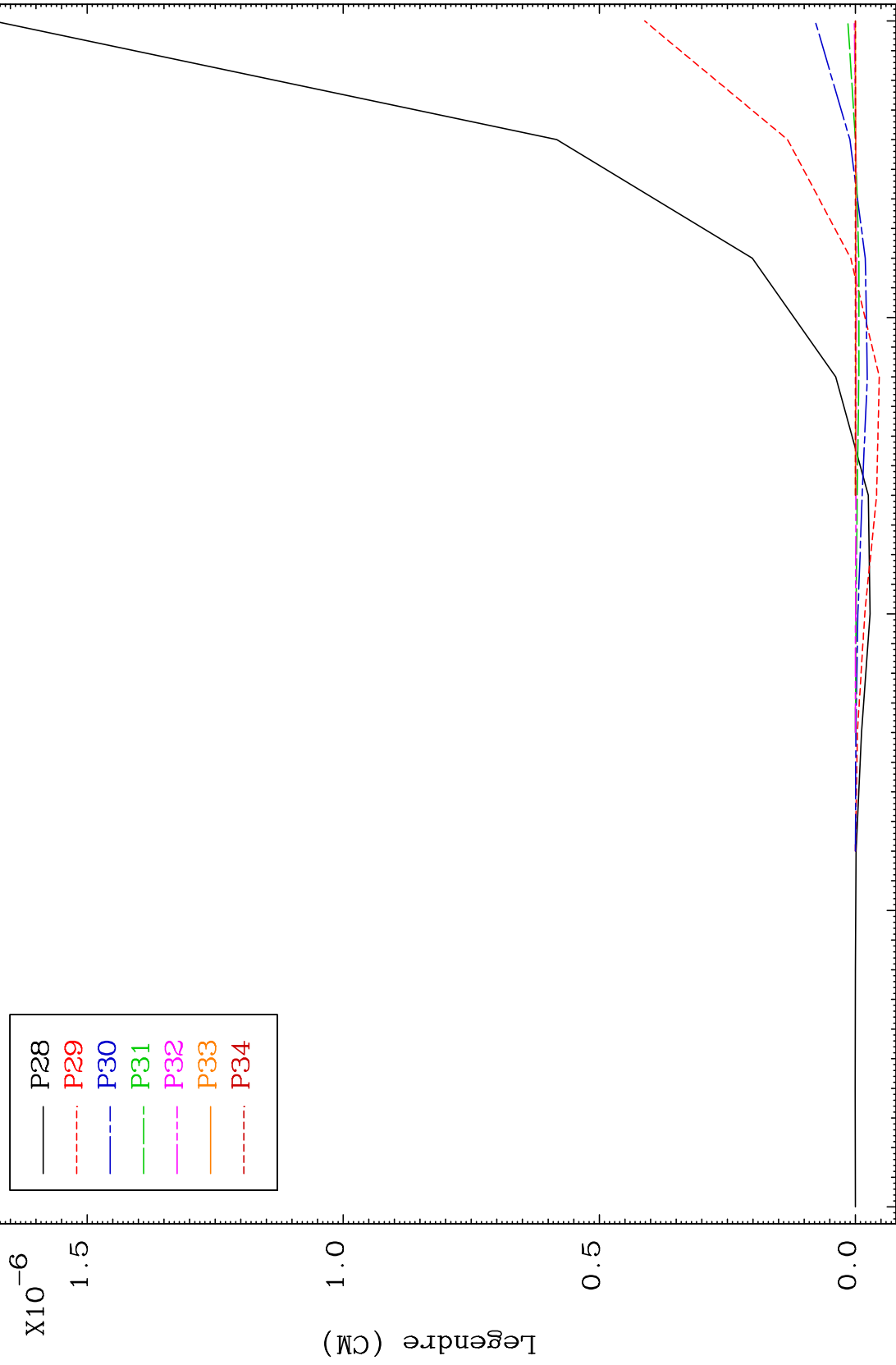
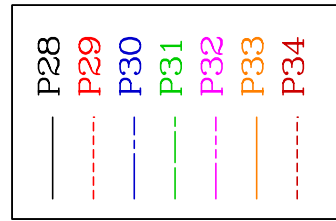
Incident Energy (MeV)

63-Eu-144

MAT 6304

Elastic Legendre Coefficients

63-Eu-144



19

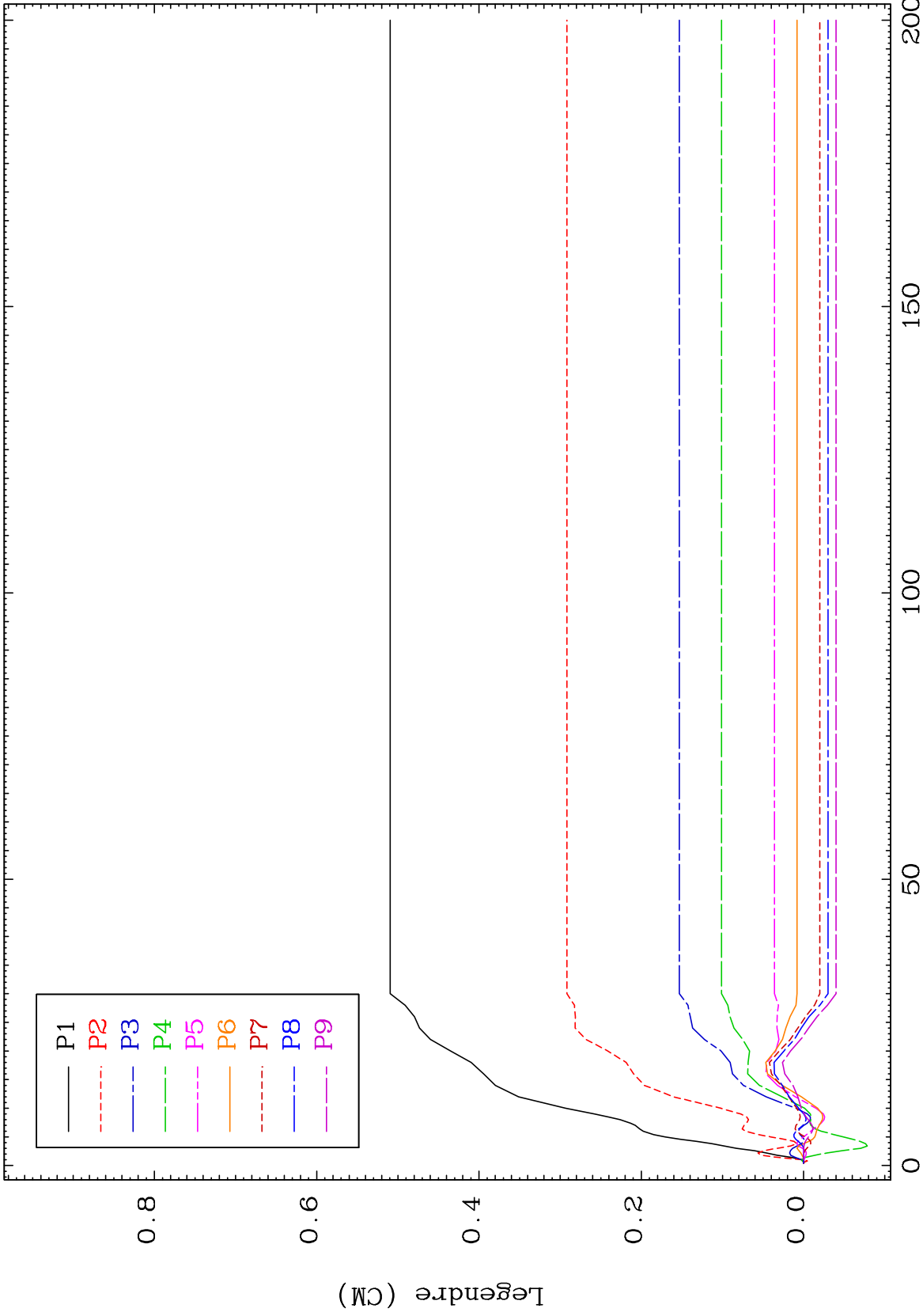
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



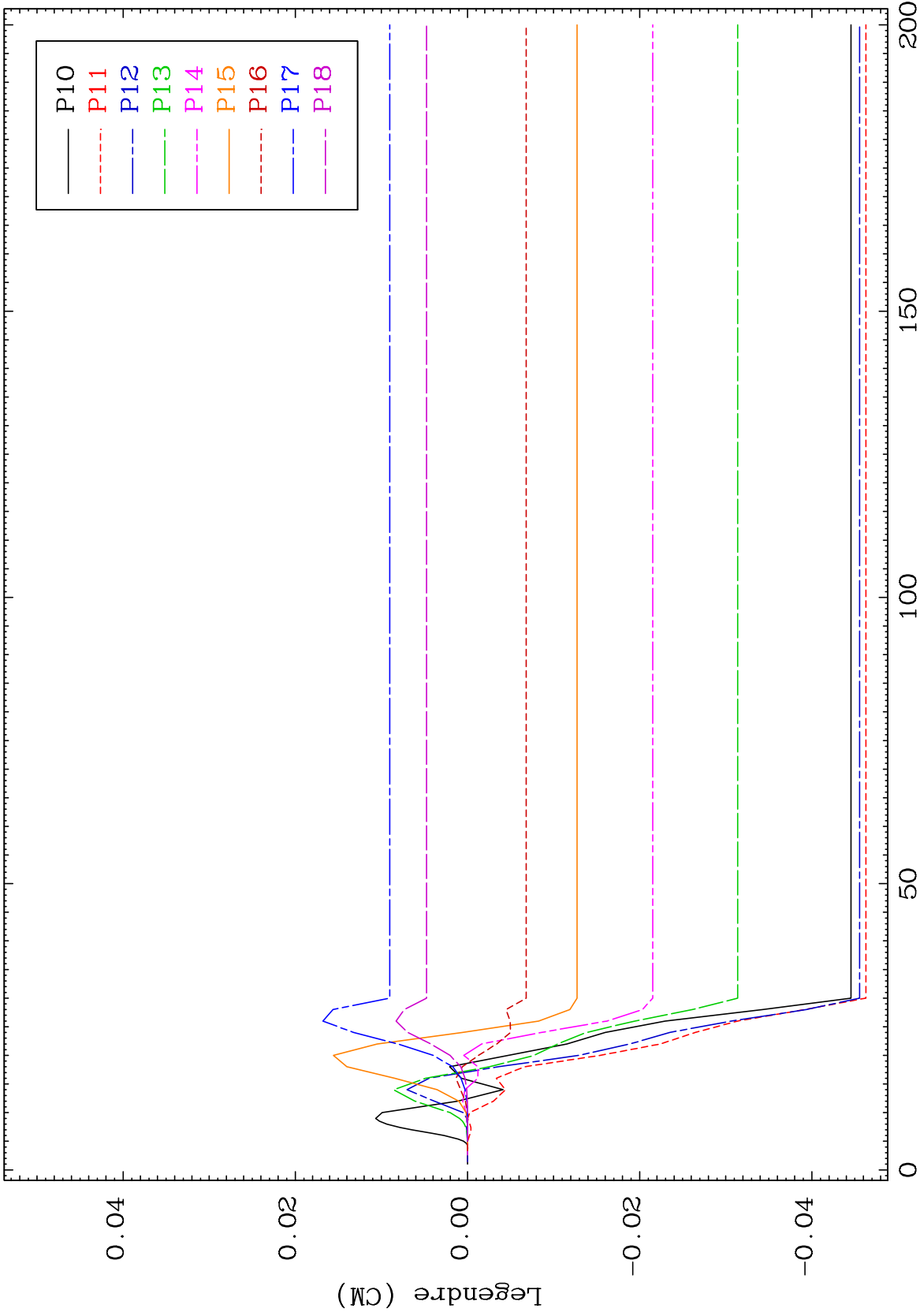
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Incident Energy (MeV)

MAT 6304

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

63-Eu-144



21

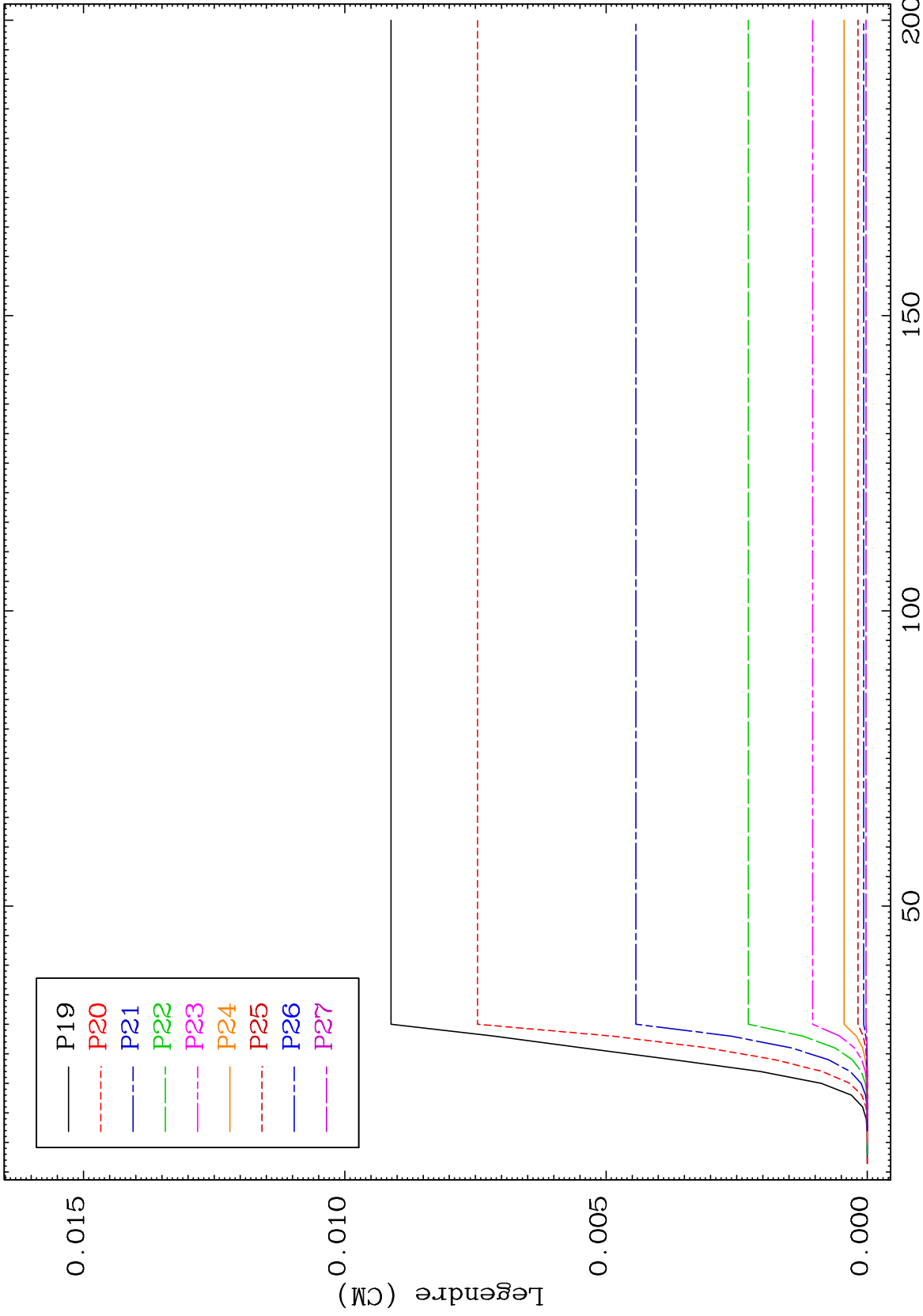
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



22

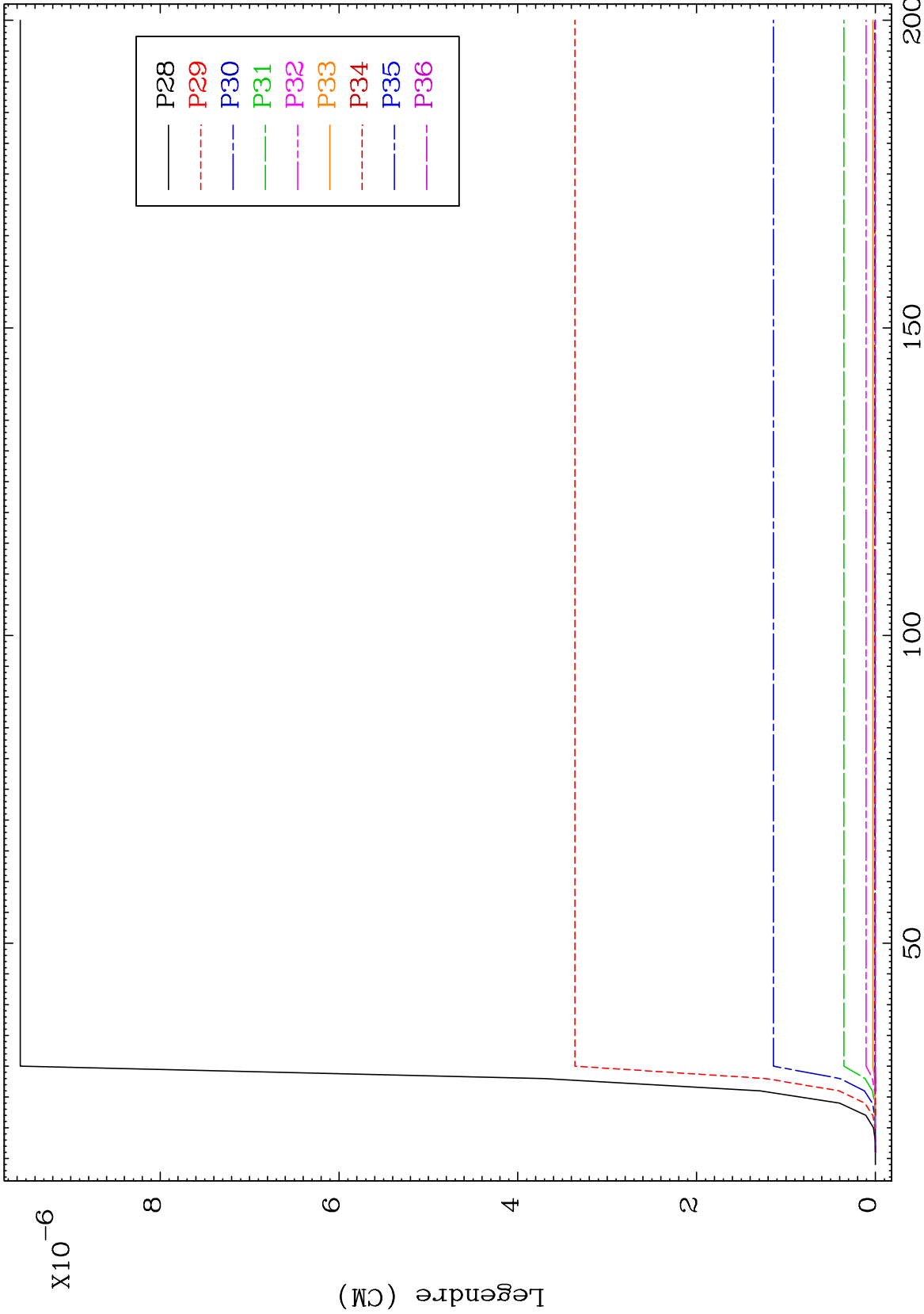
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



23

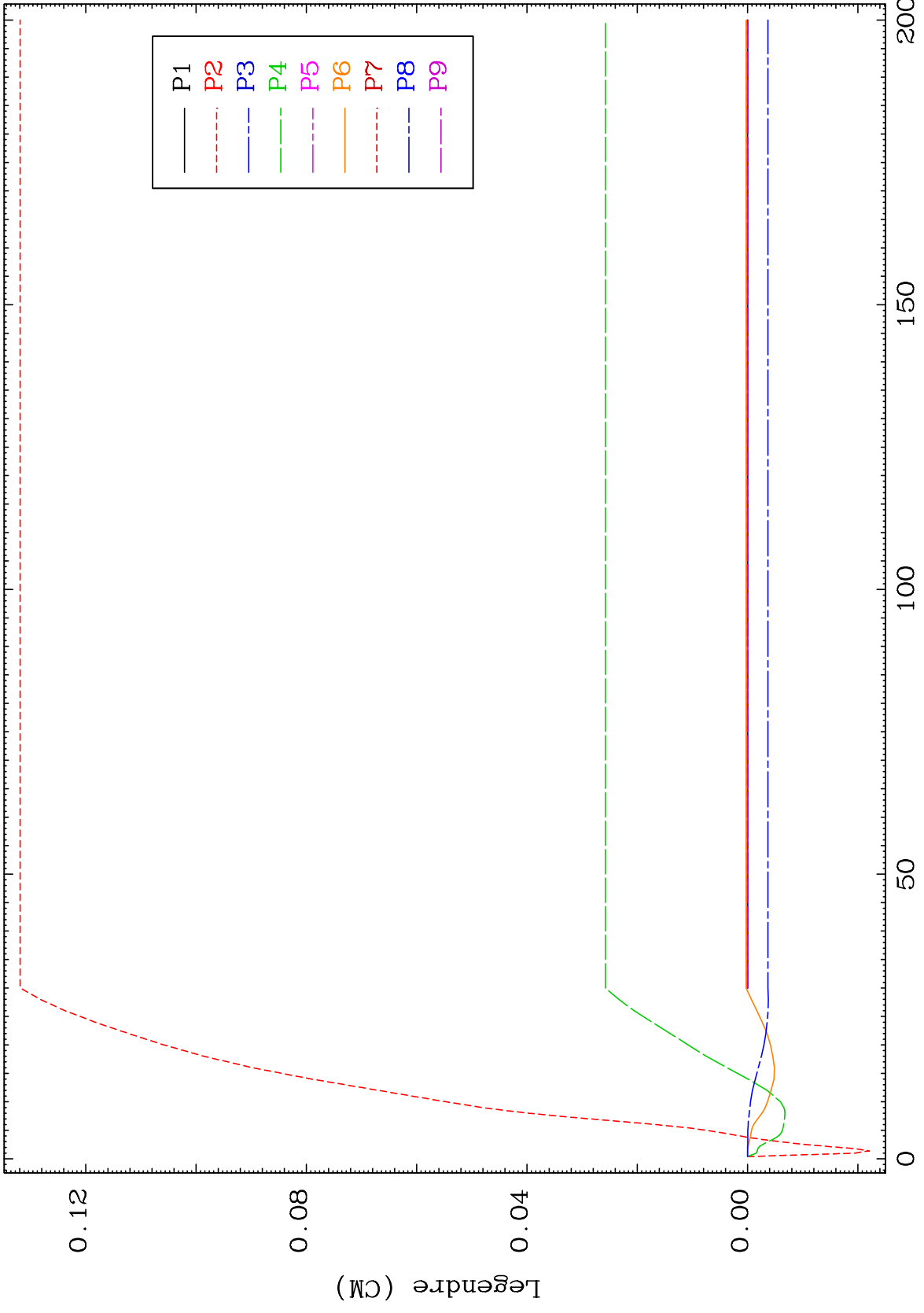
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



24

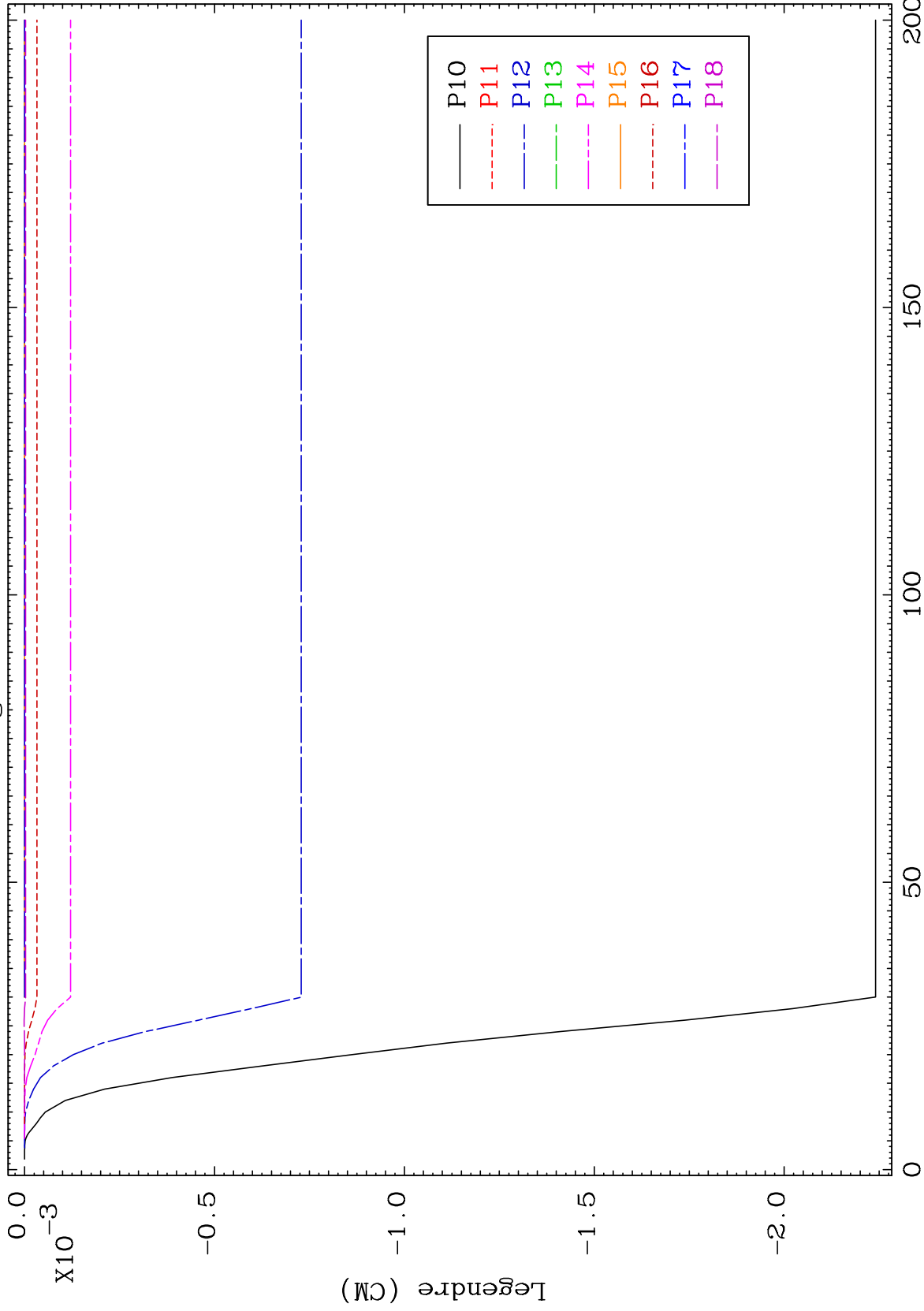
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



25

Incident Energy (MeV)

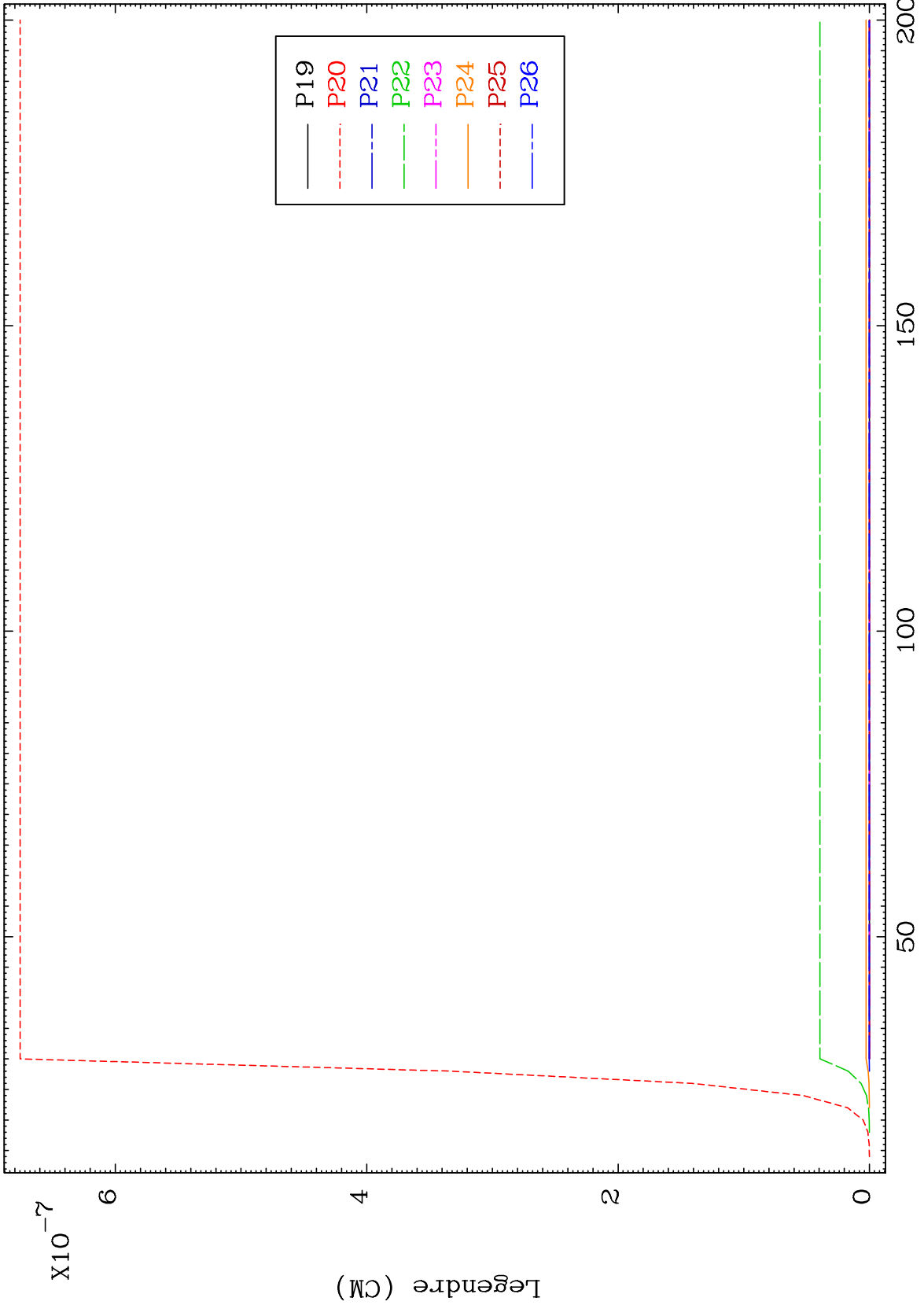
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63-Eu-144

MAT 6304

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

63-Eu-144



26

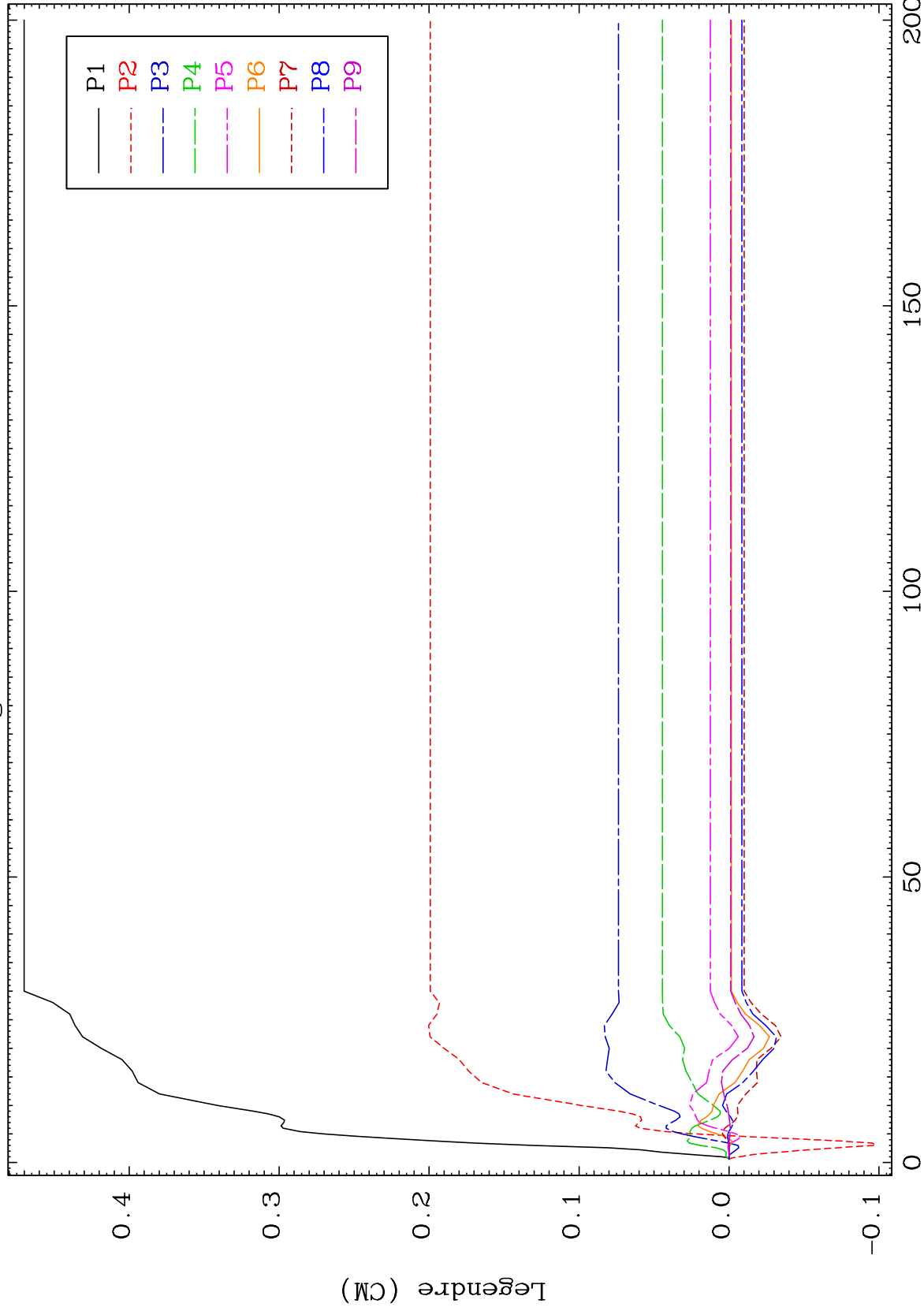
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



27

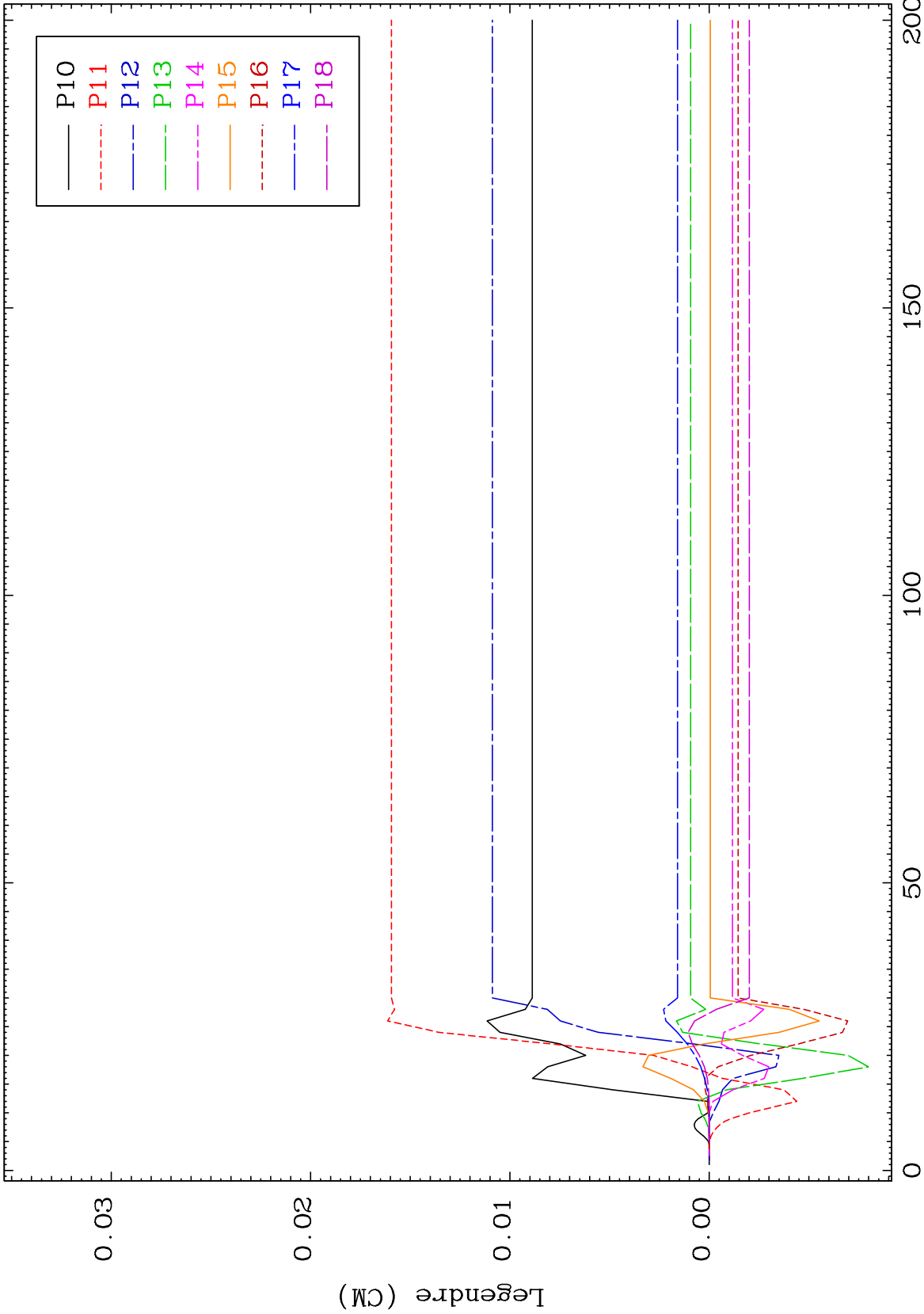
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



28

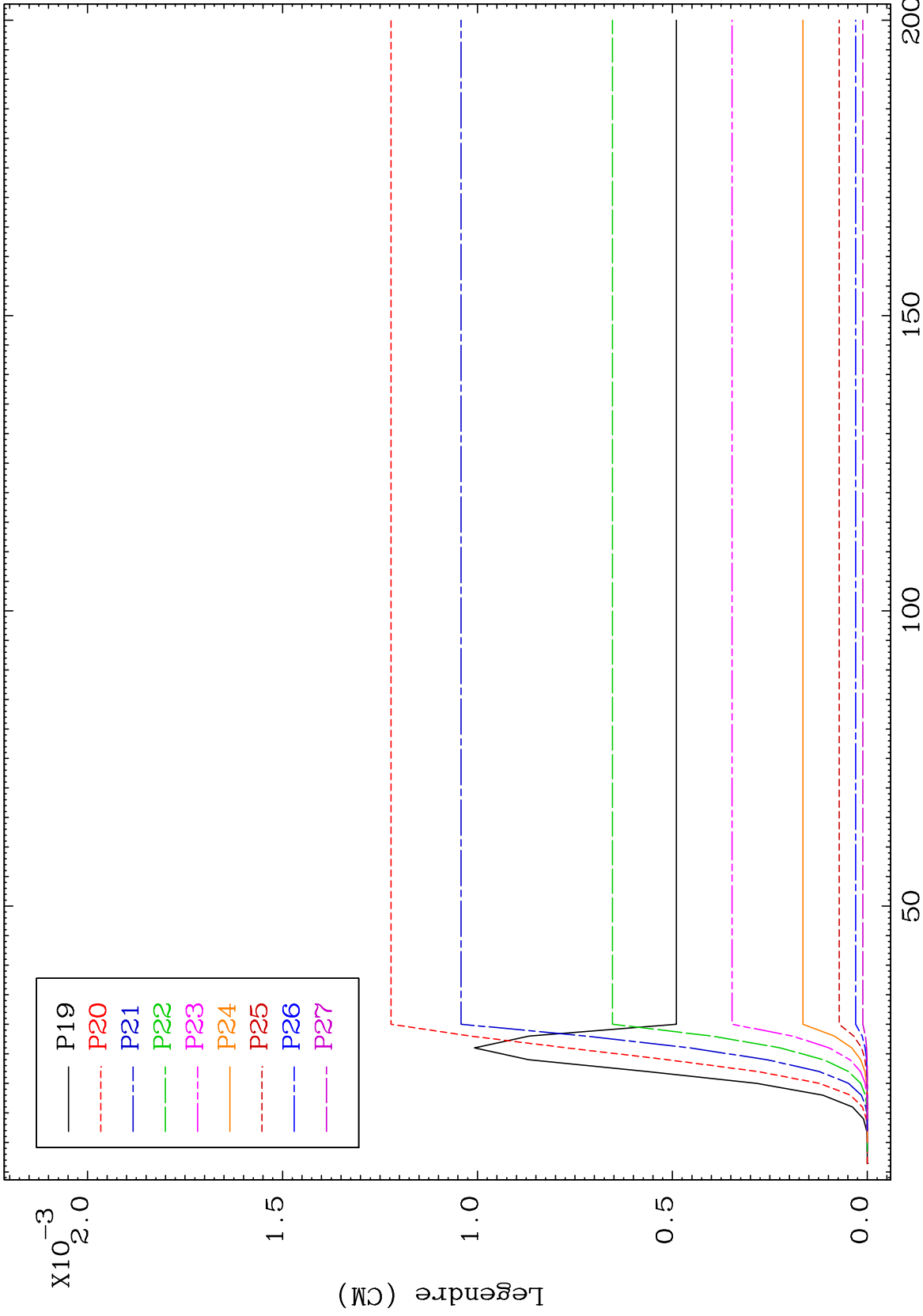
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

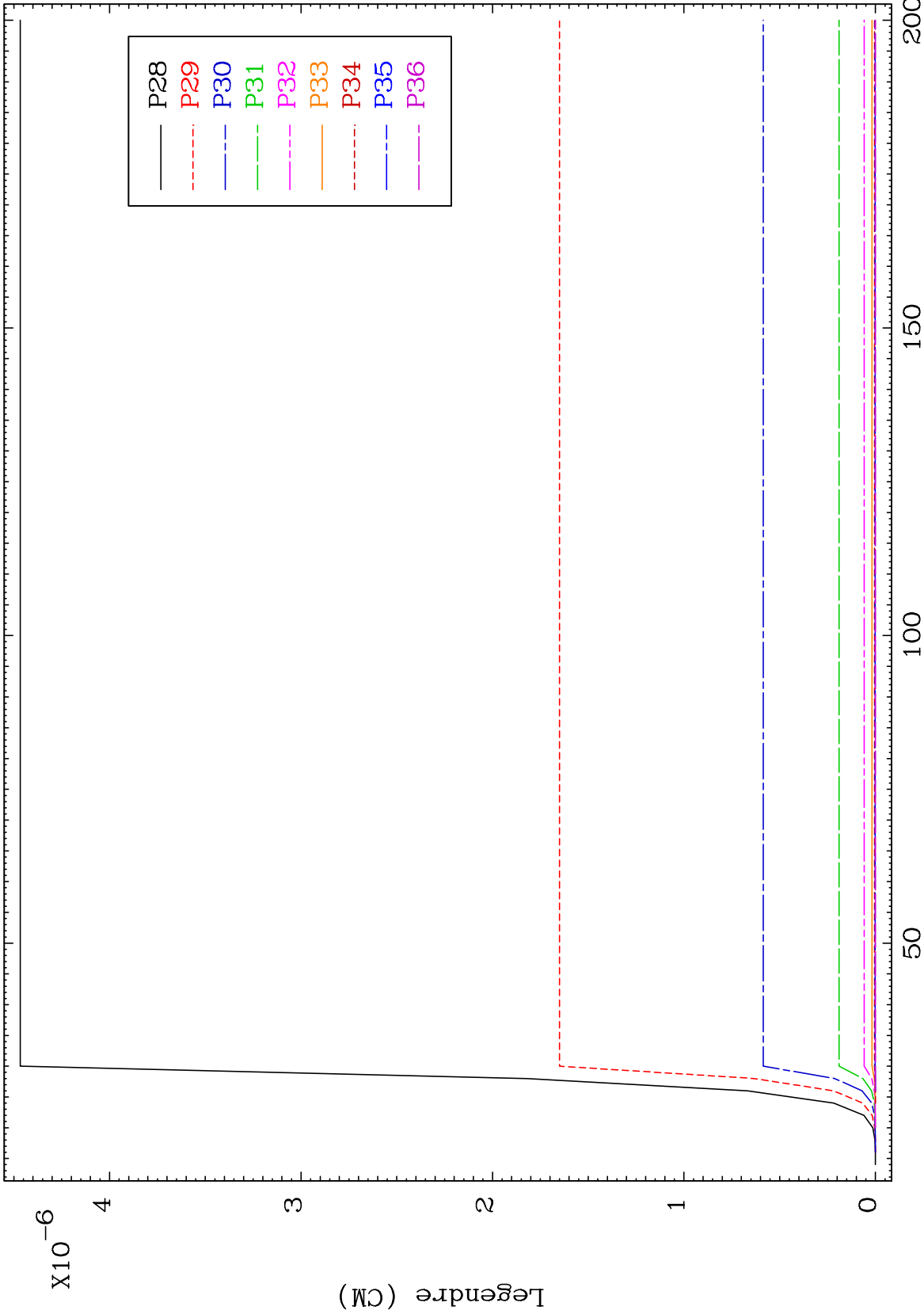
63-Eu-144



MAT 6304

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

63-Eu-144

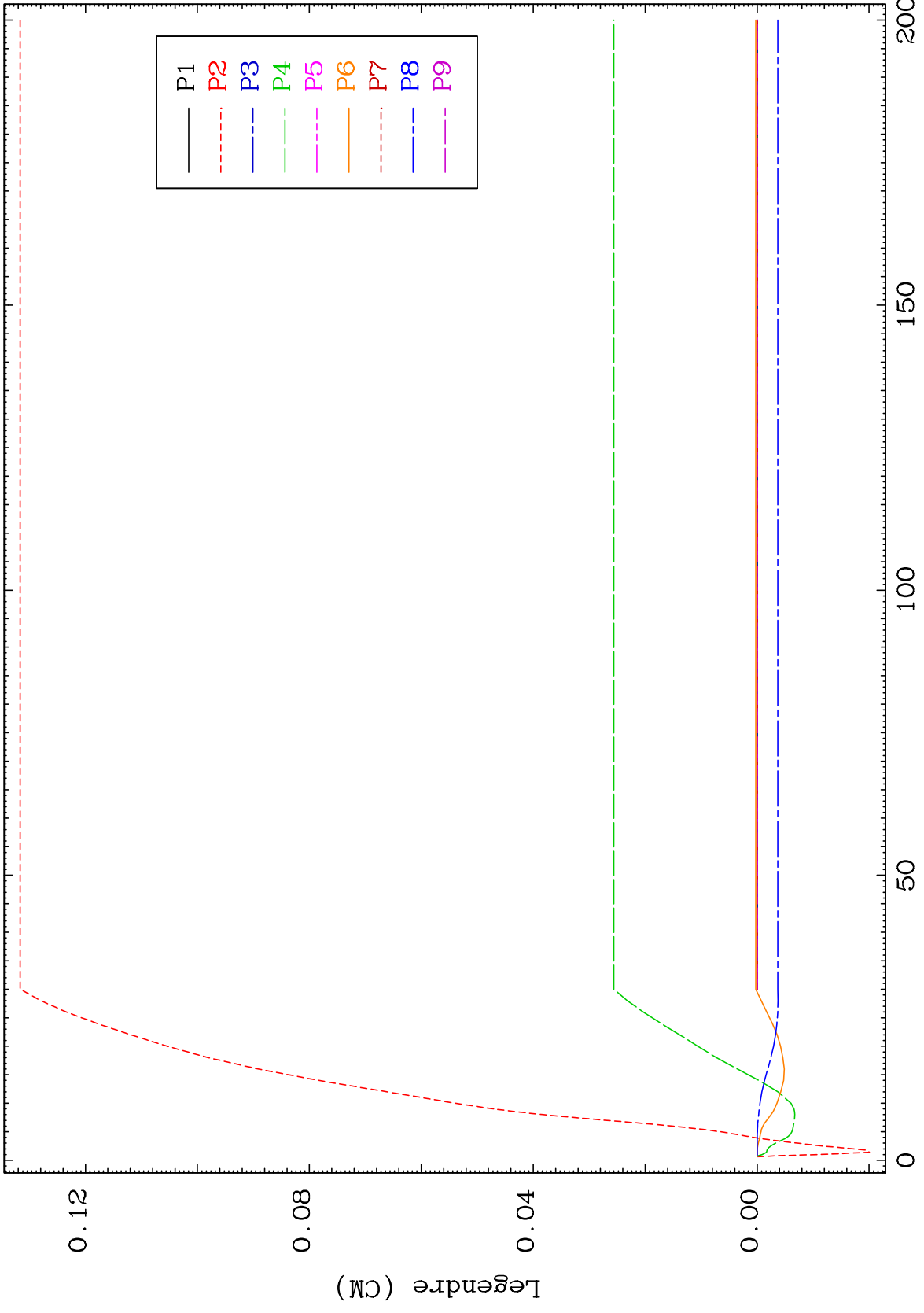


30

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 54 (n,n') Level Legendre Coefficients 63-Eu-144

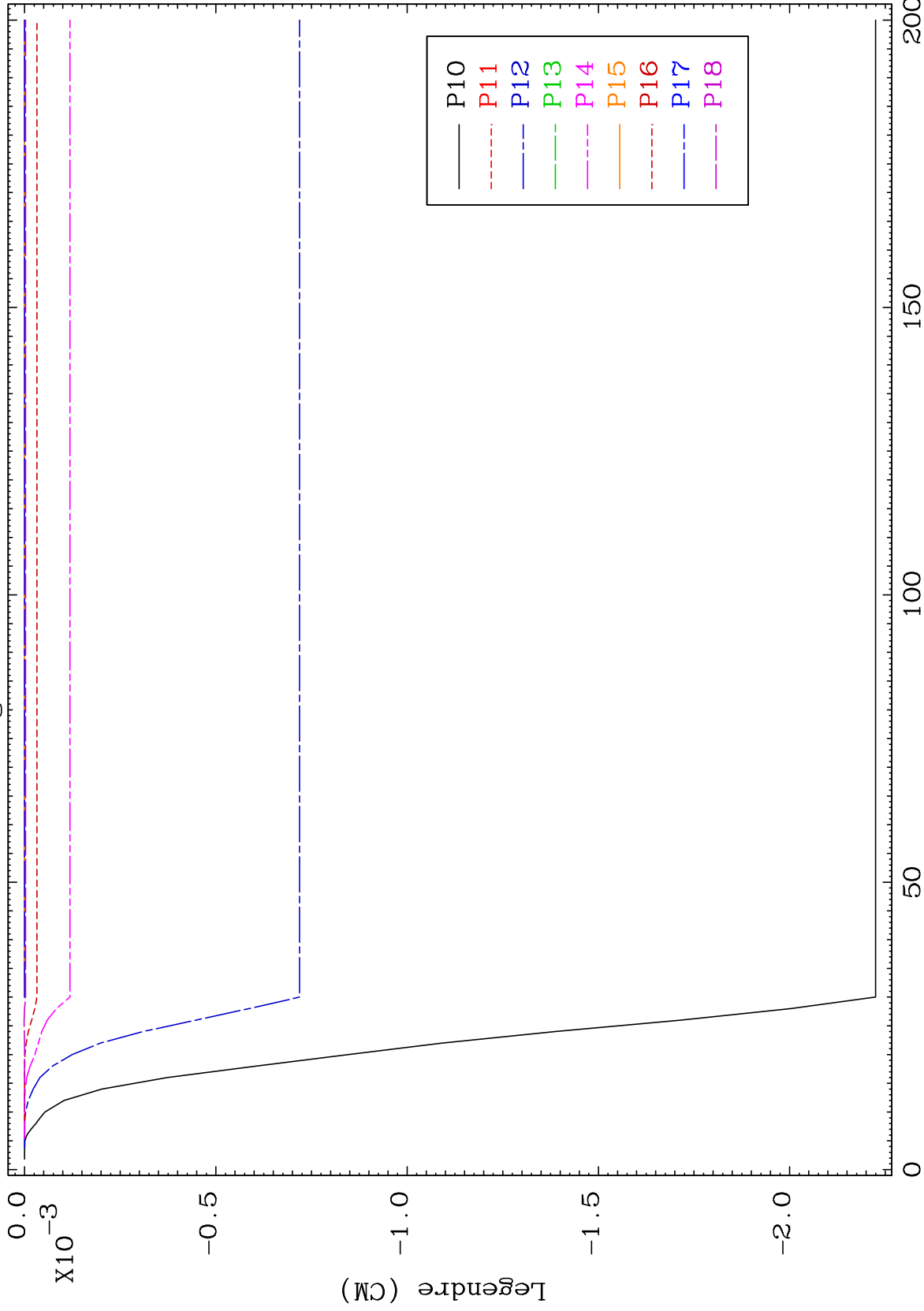


31 63-Eu-144

MAT 6304

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

63-Eu-144



32

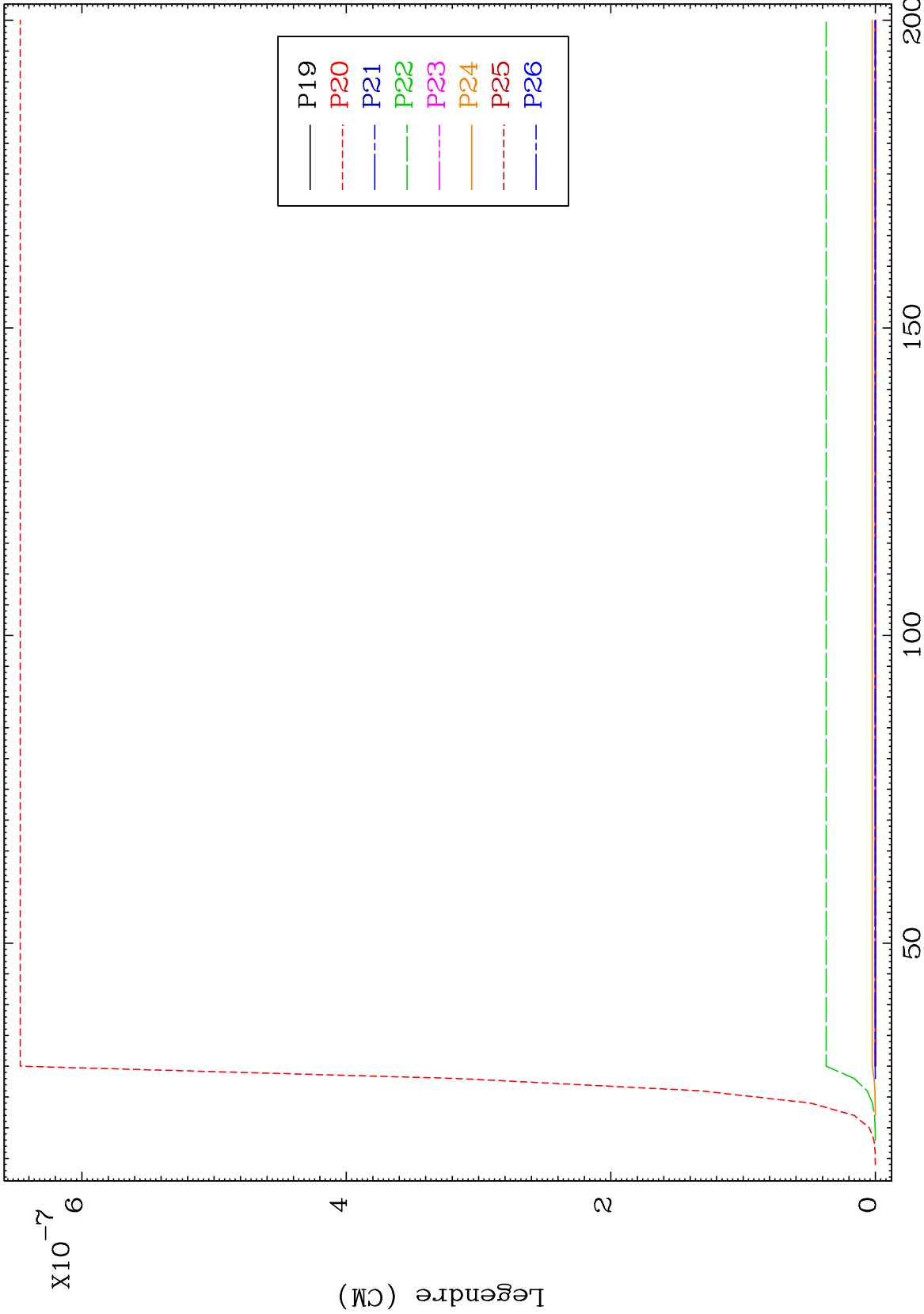
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



33

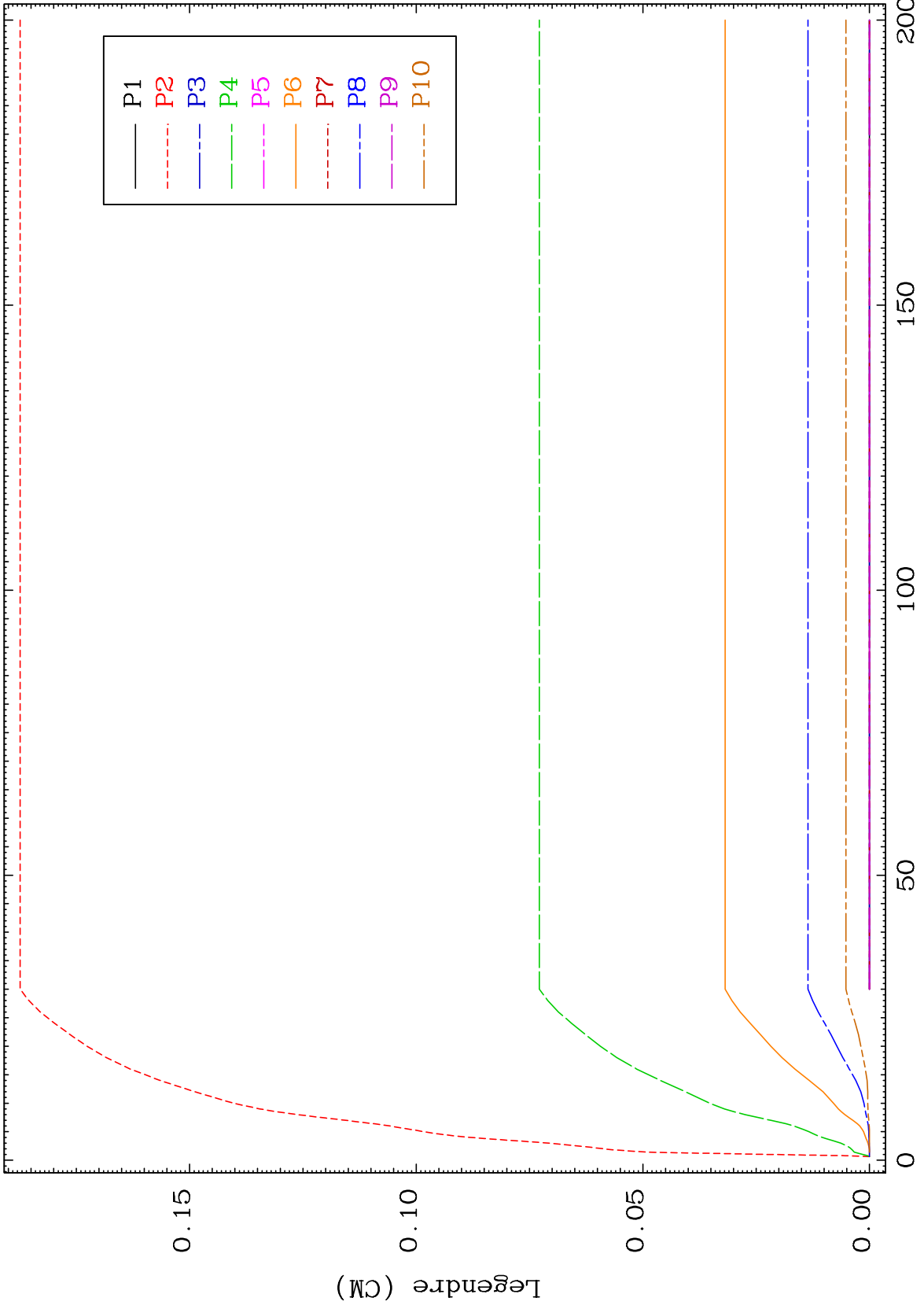
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



34

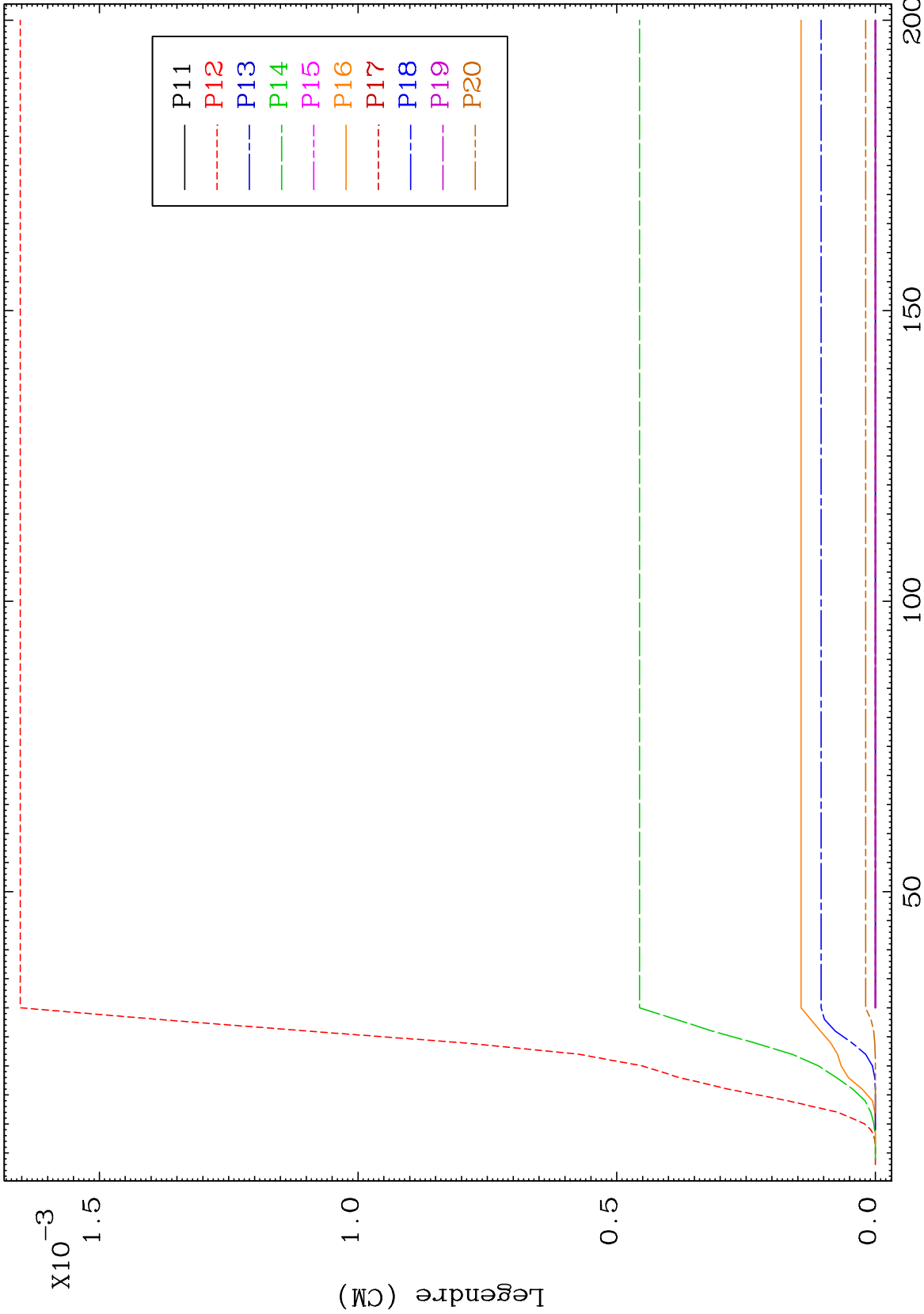
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



35

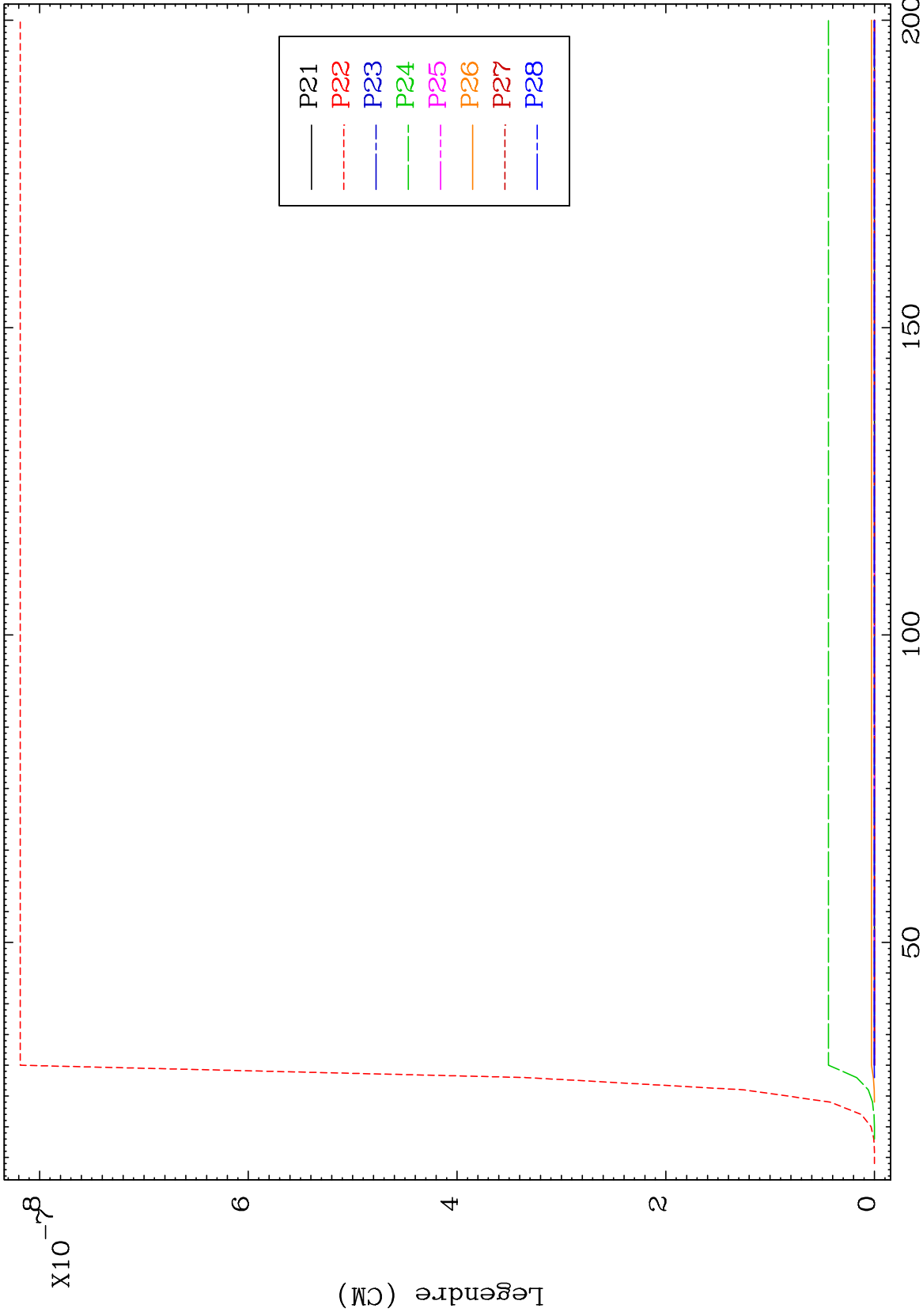
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



36

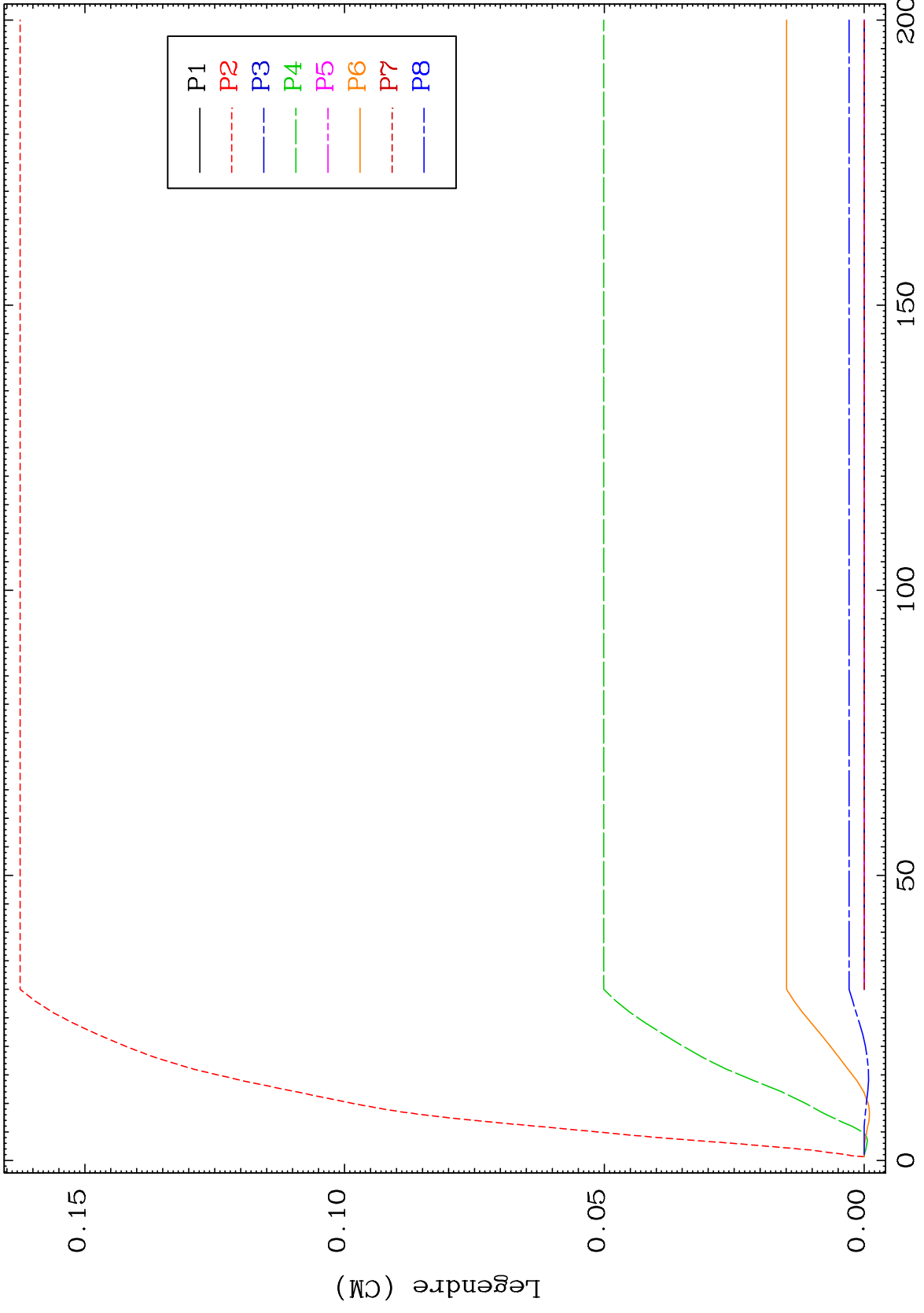
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



37

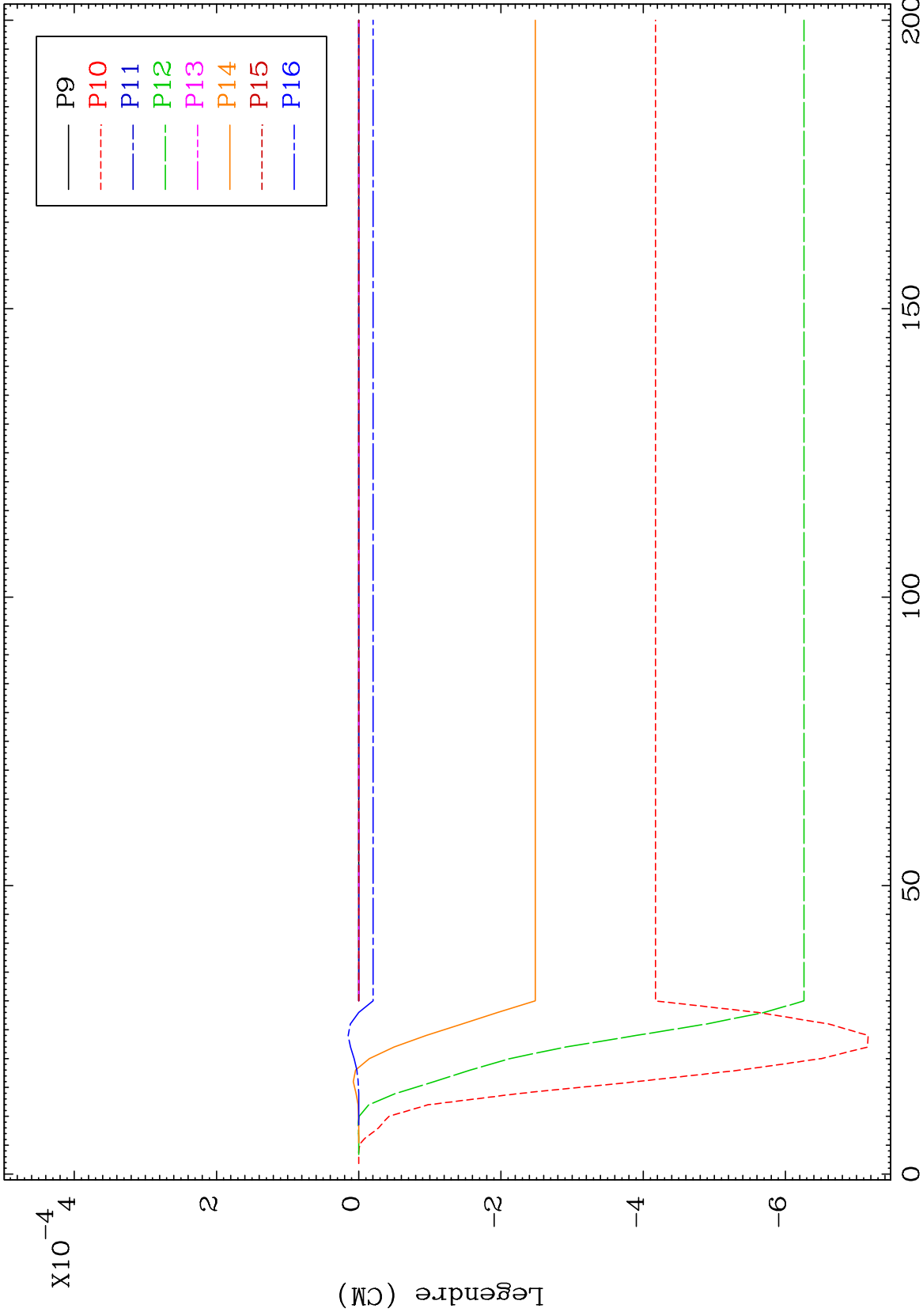
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144

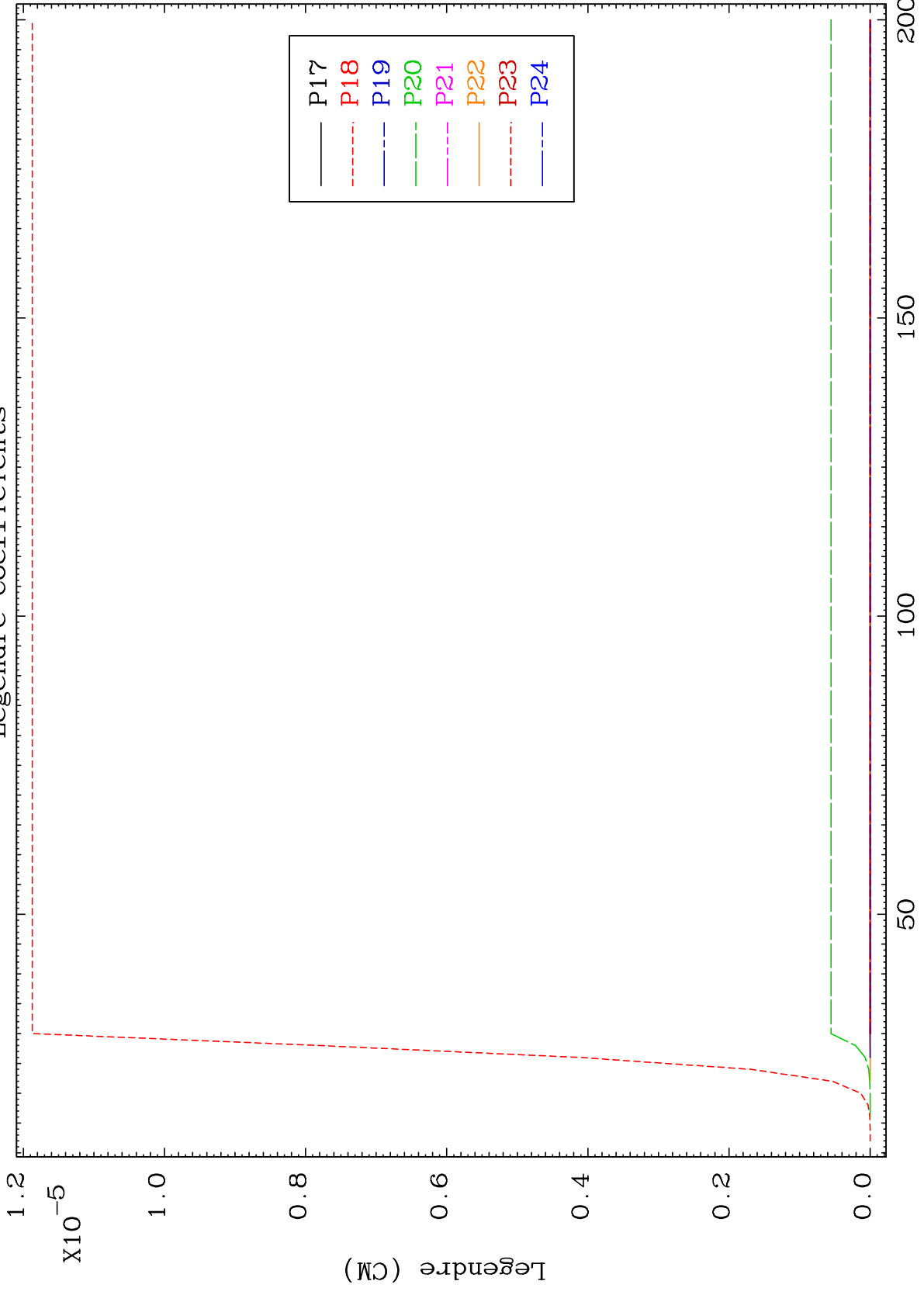


38

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 56 (n,n') Level Legendre Coefficients 63-Eu-144

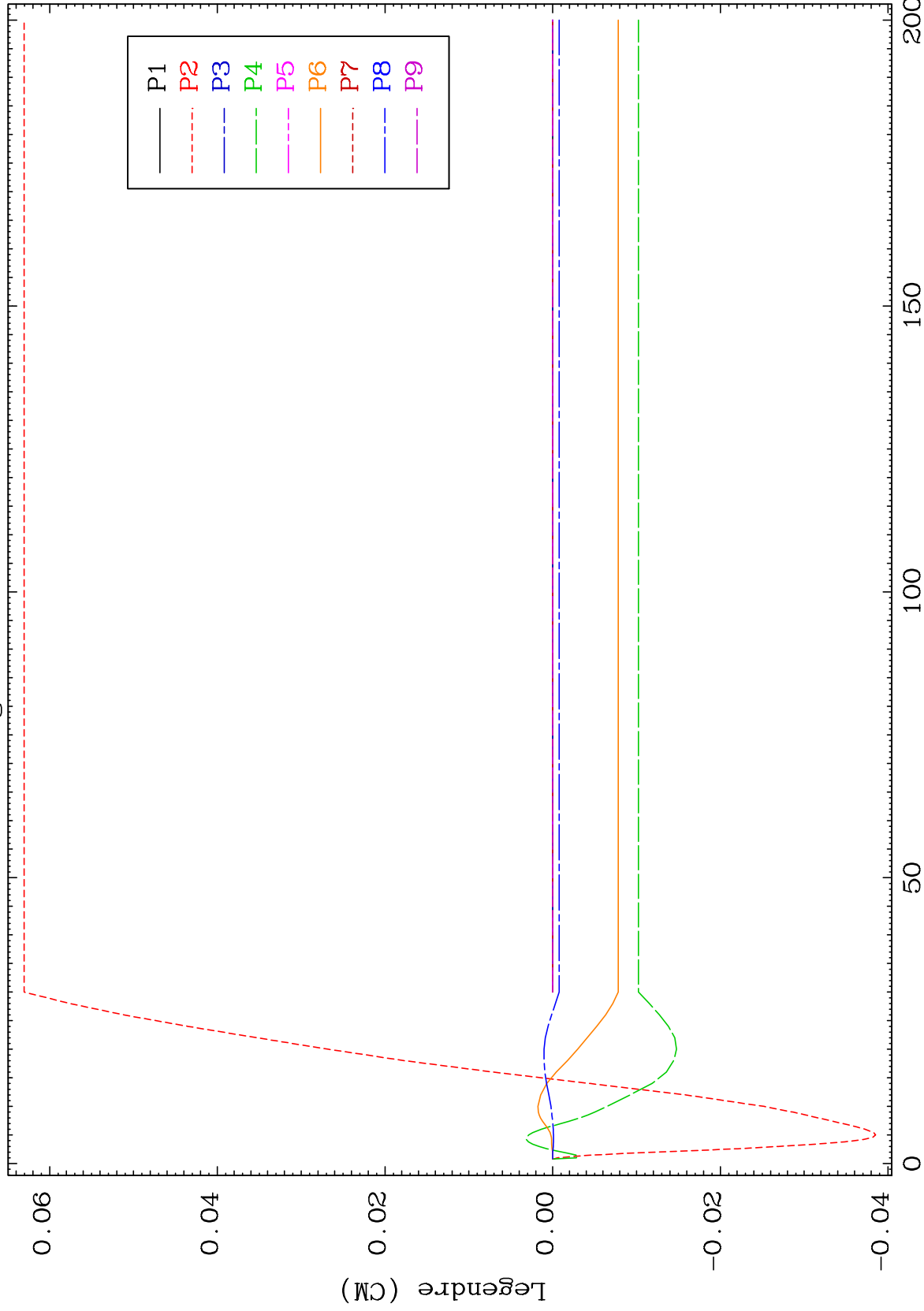


39 Incident Energy (MeV) 63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

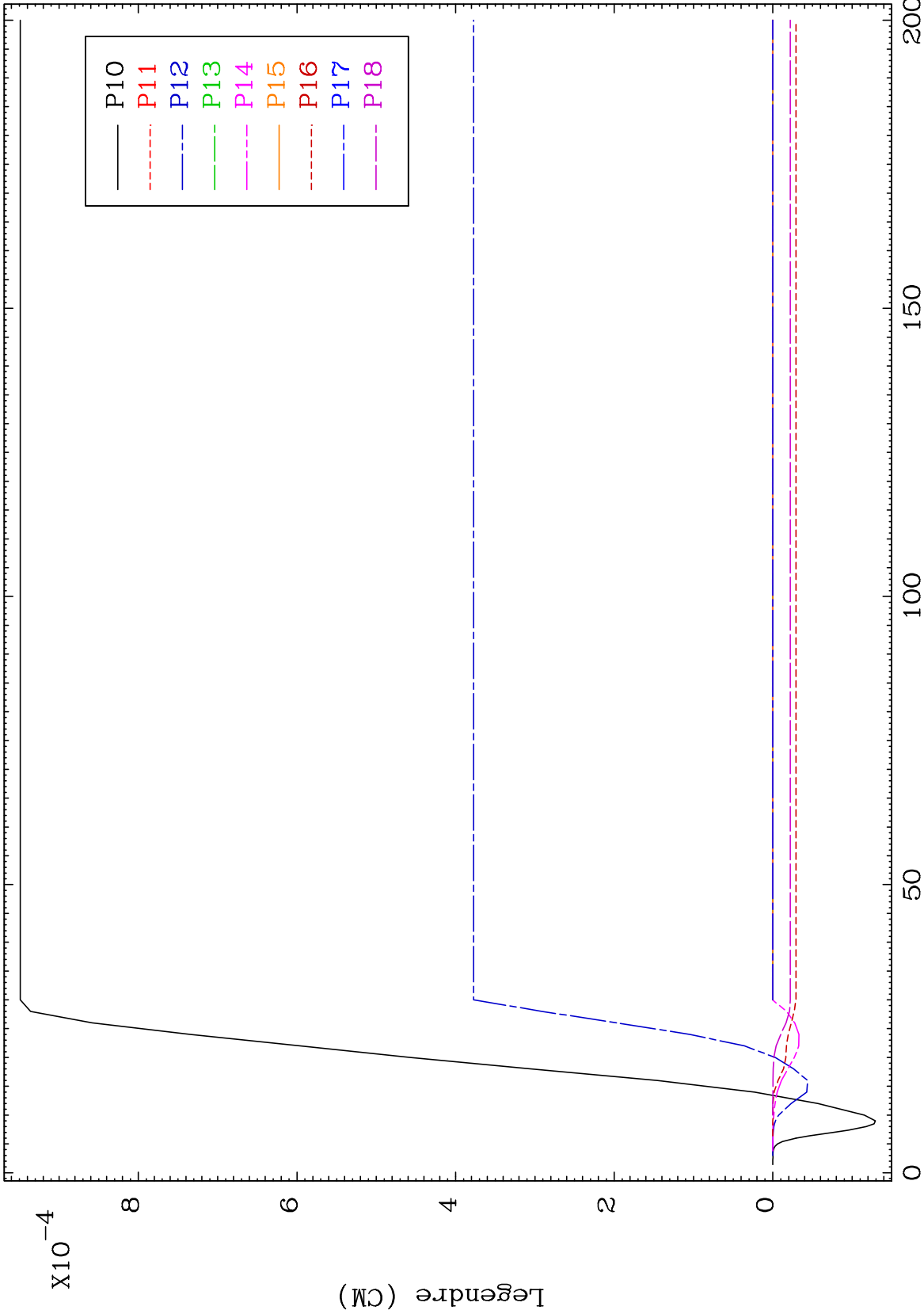
Incident Energy (MeV)

40

MAT 6304

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

63-Eu-144



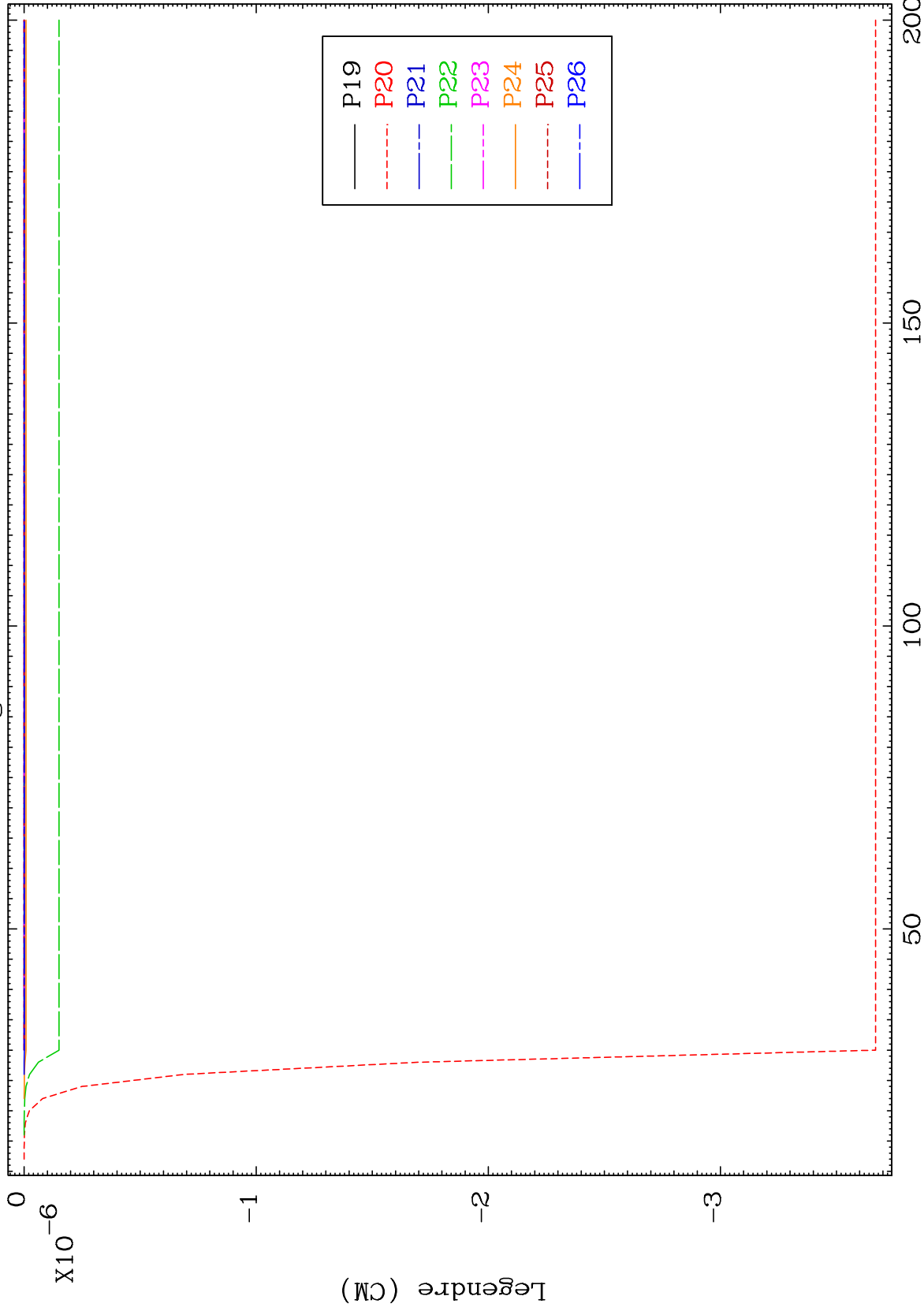
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63-Eu-144

MAT 6304

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

63-Eu-144



42

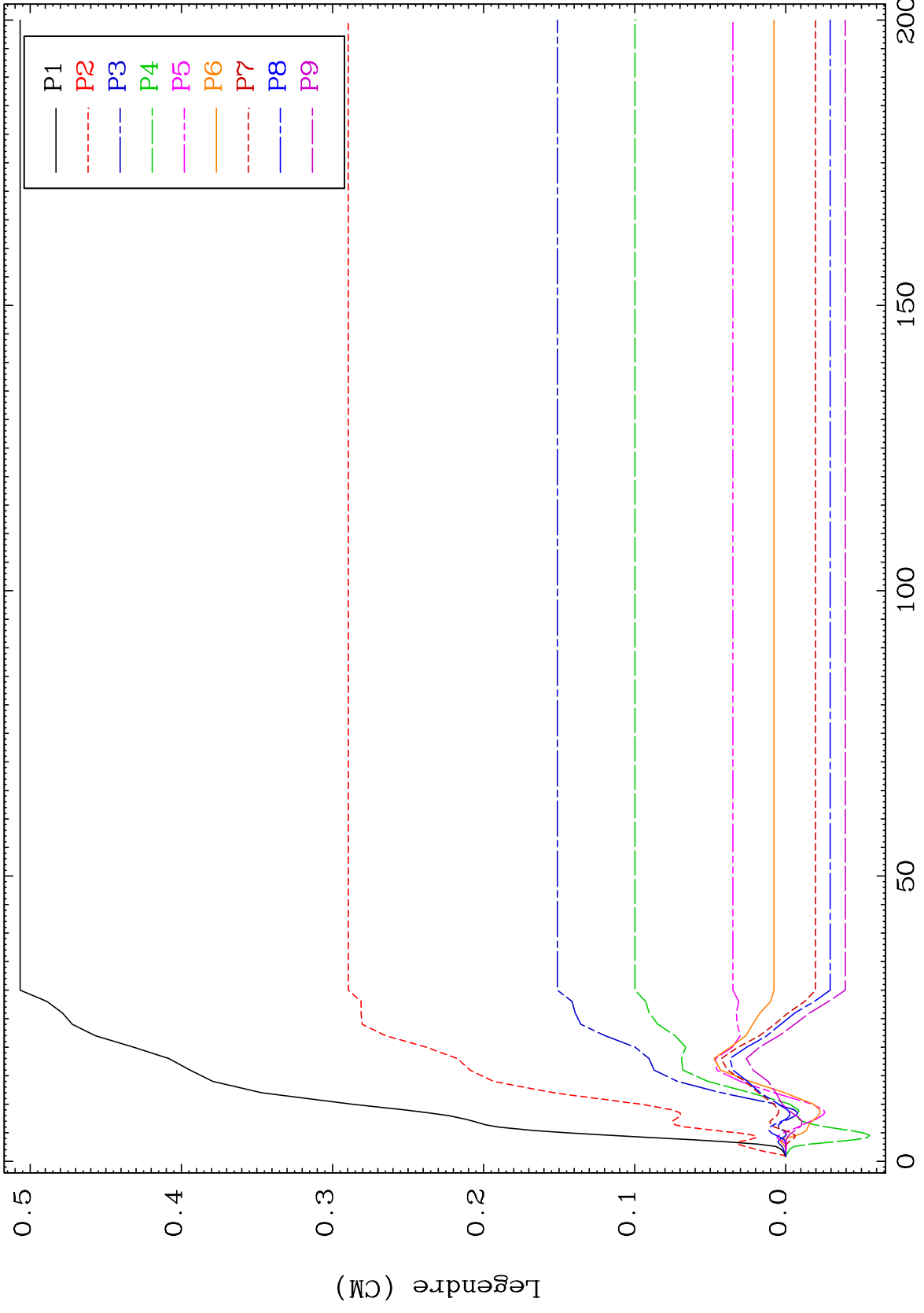
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



43

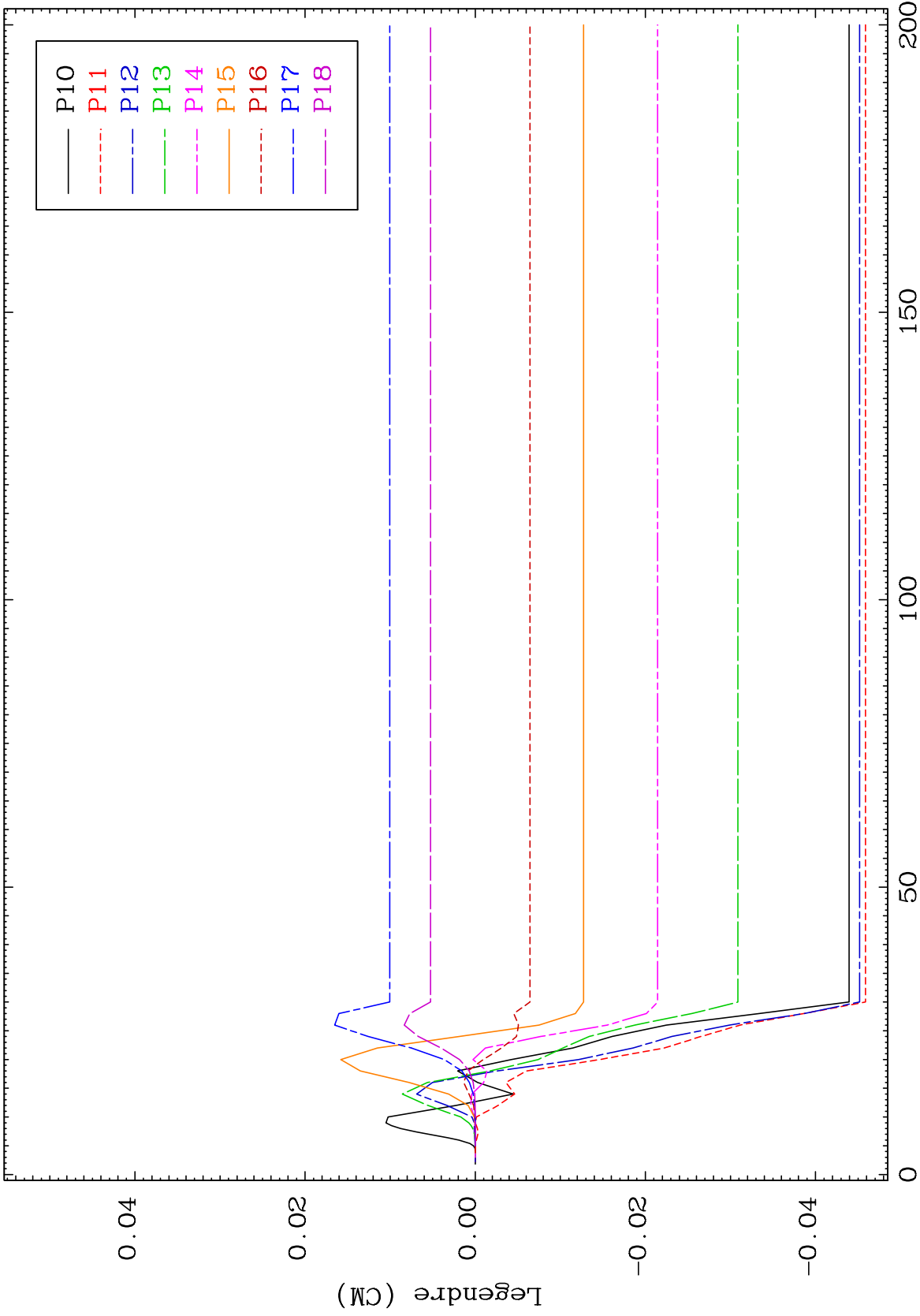
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



44

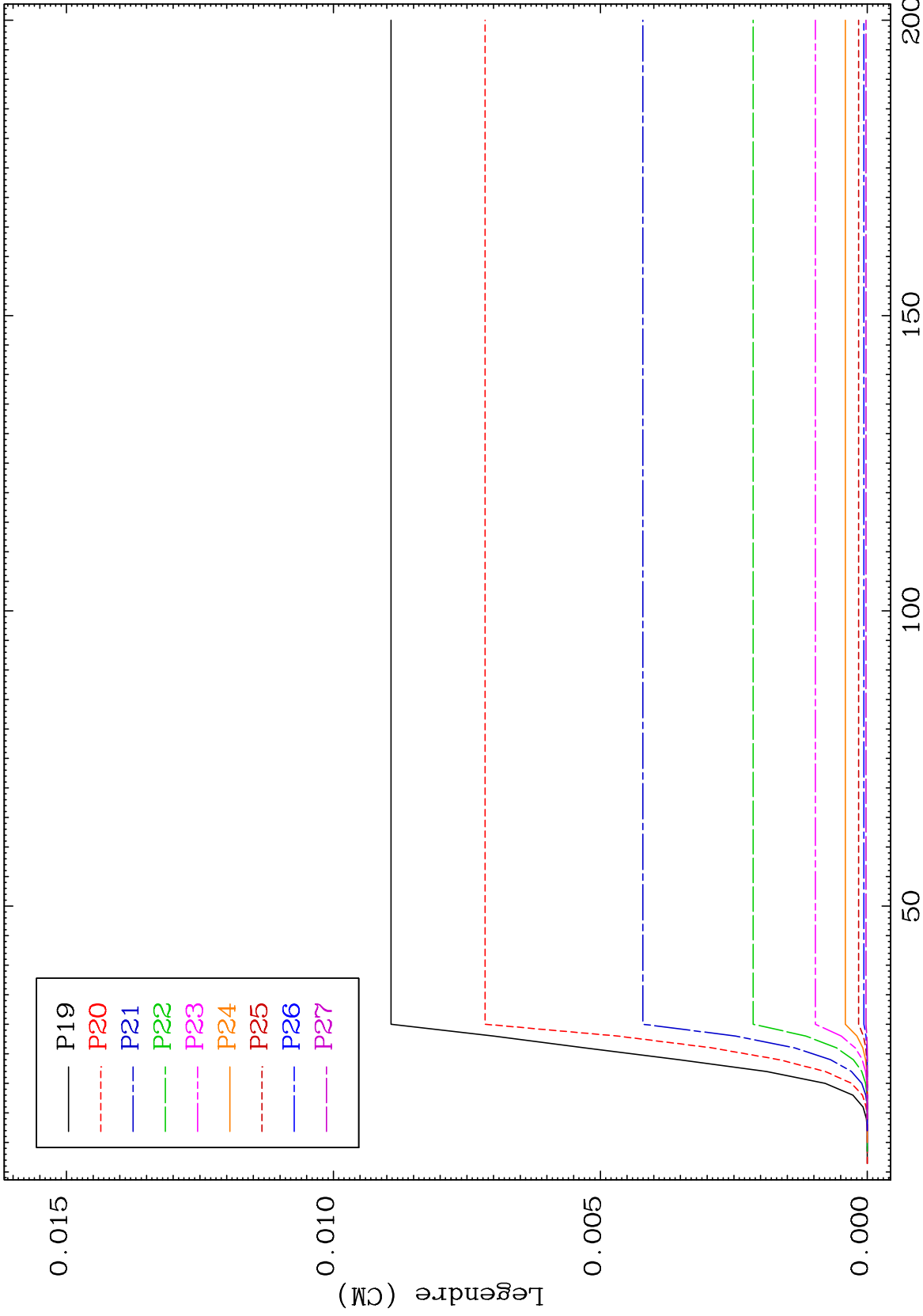
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



45

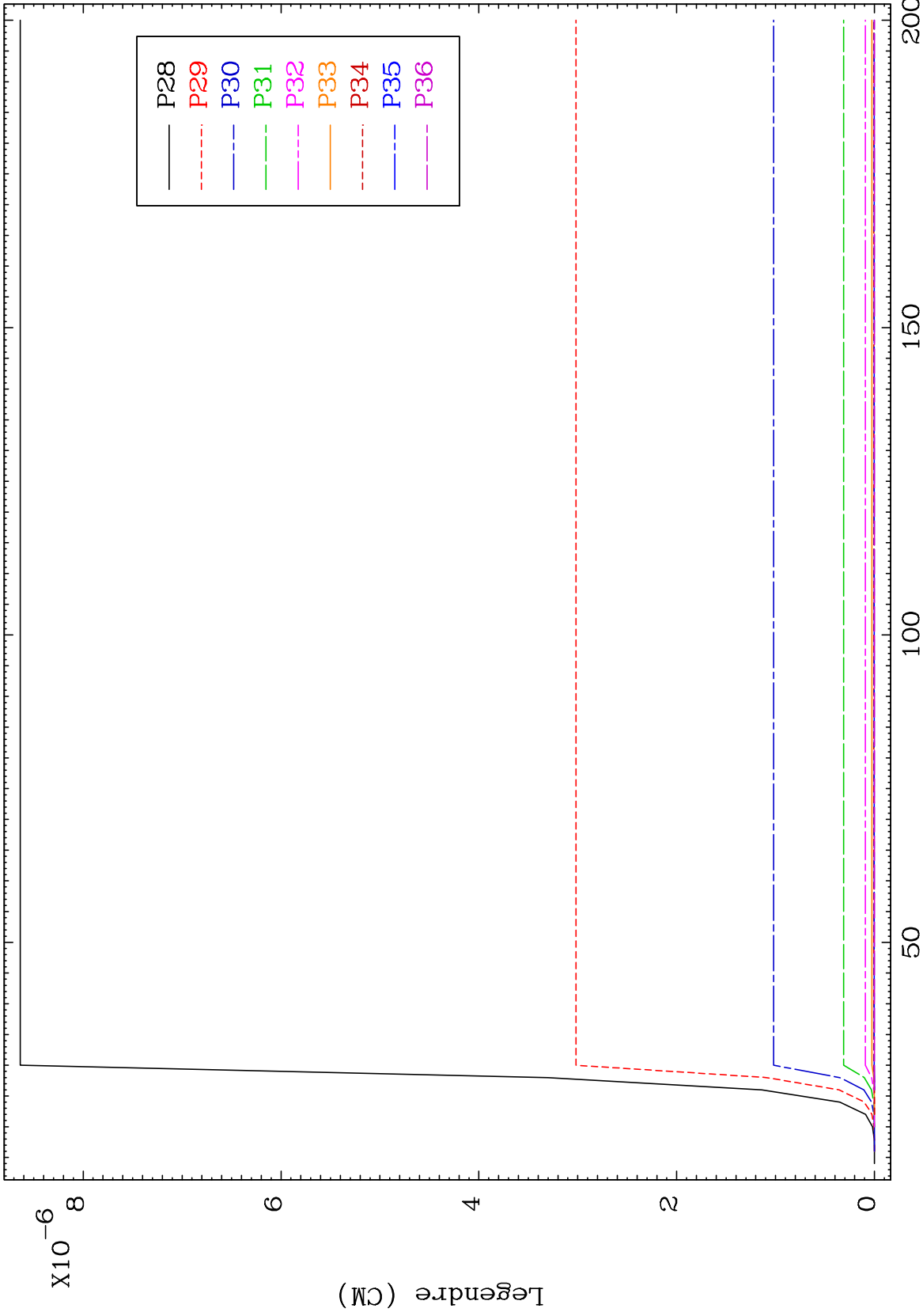
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



46

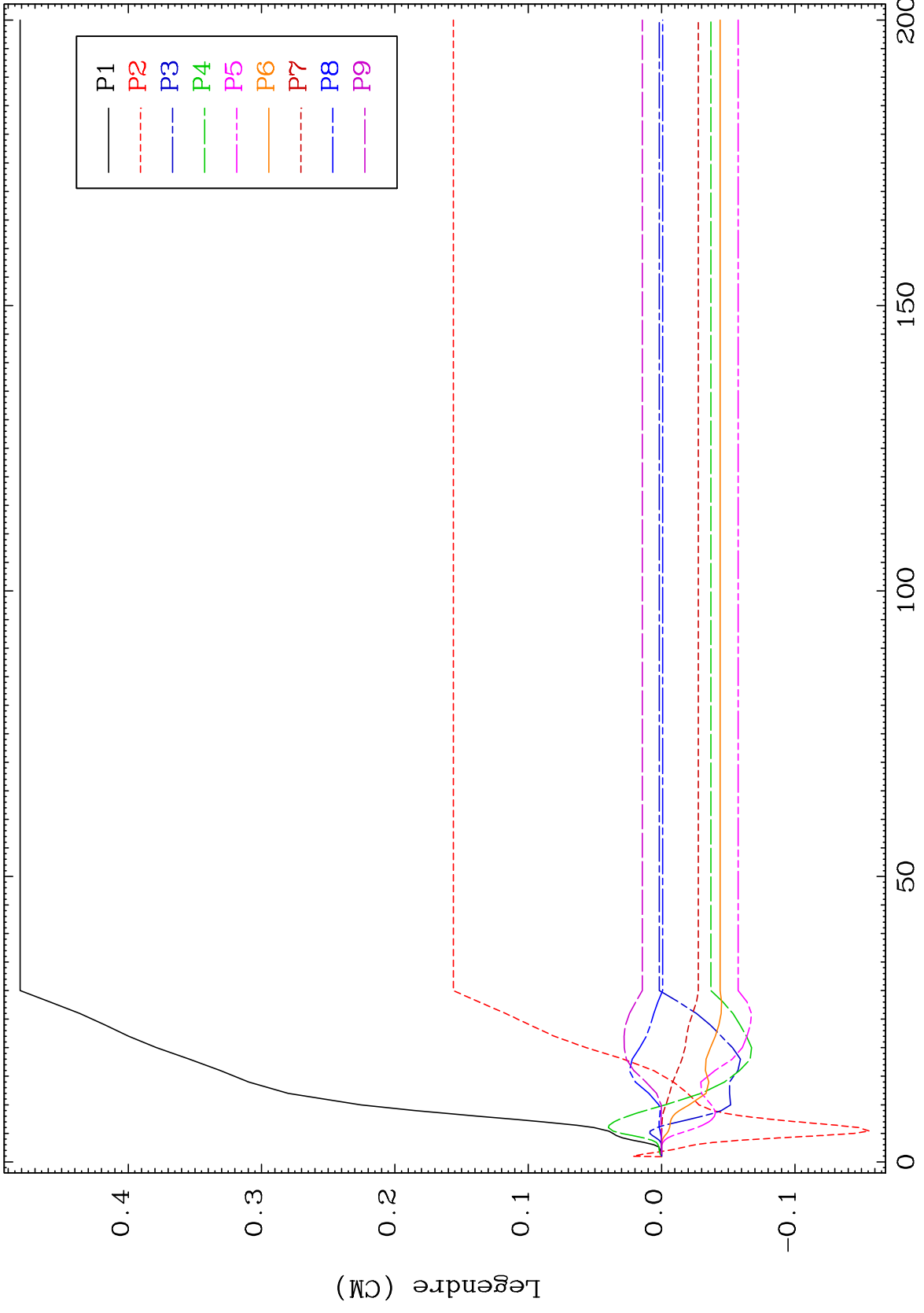
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



47

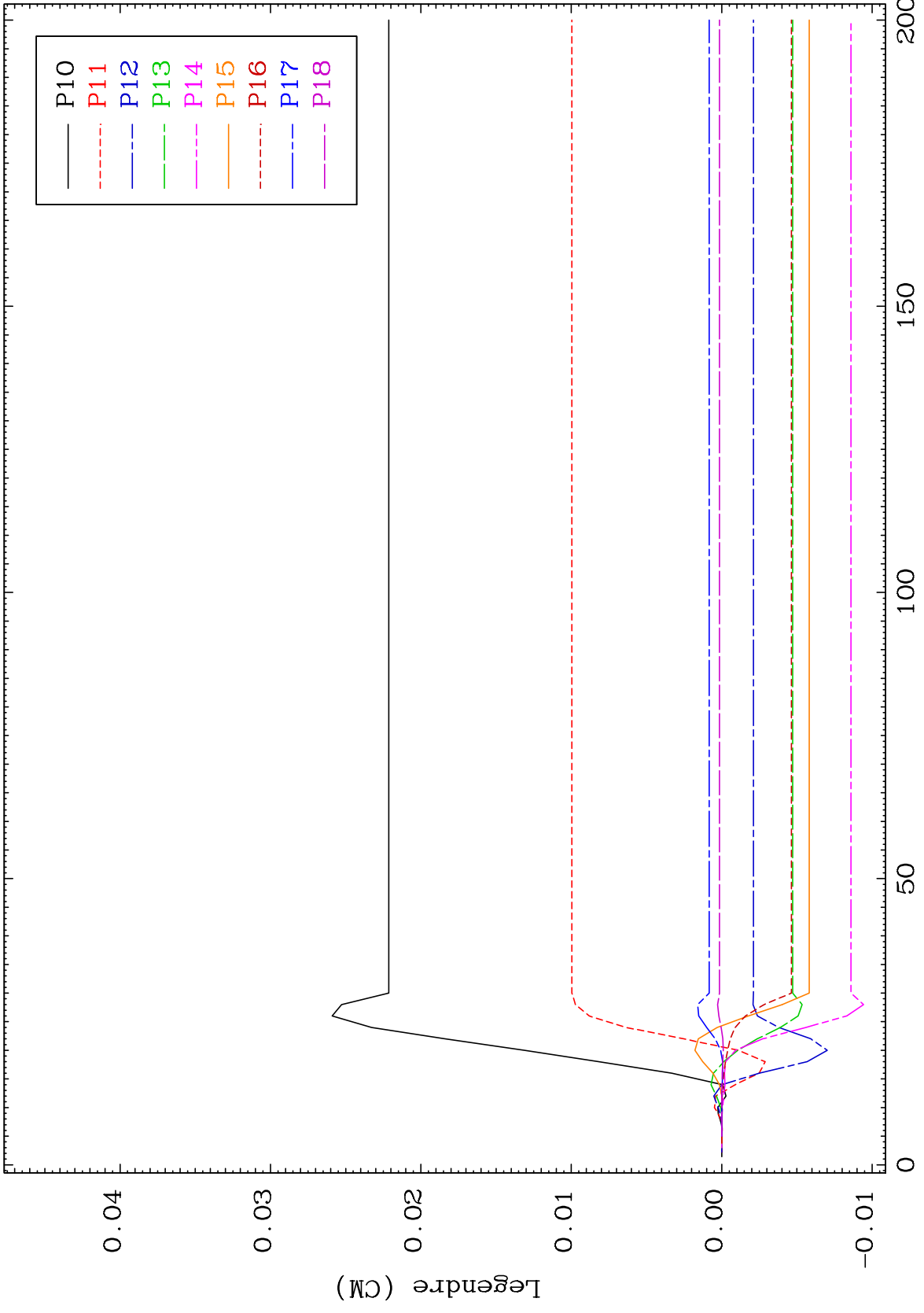
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



48

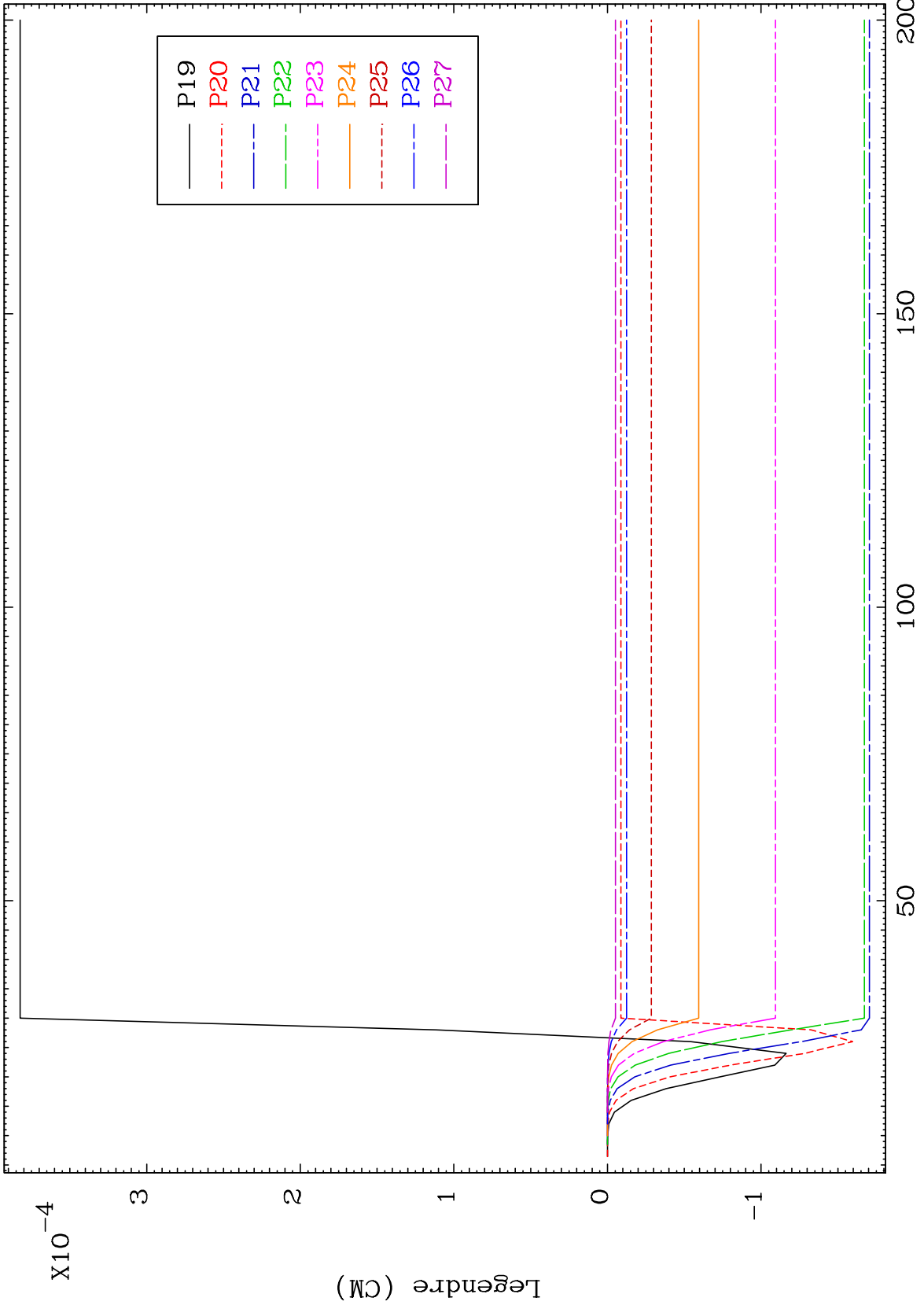
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



49

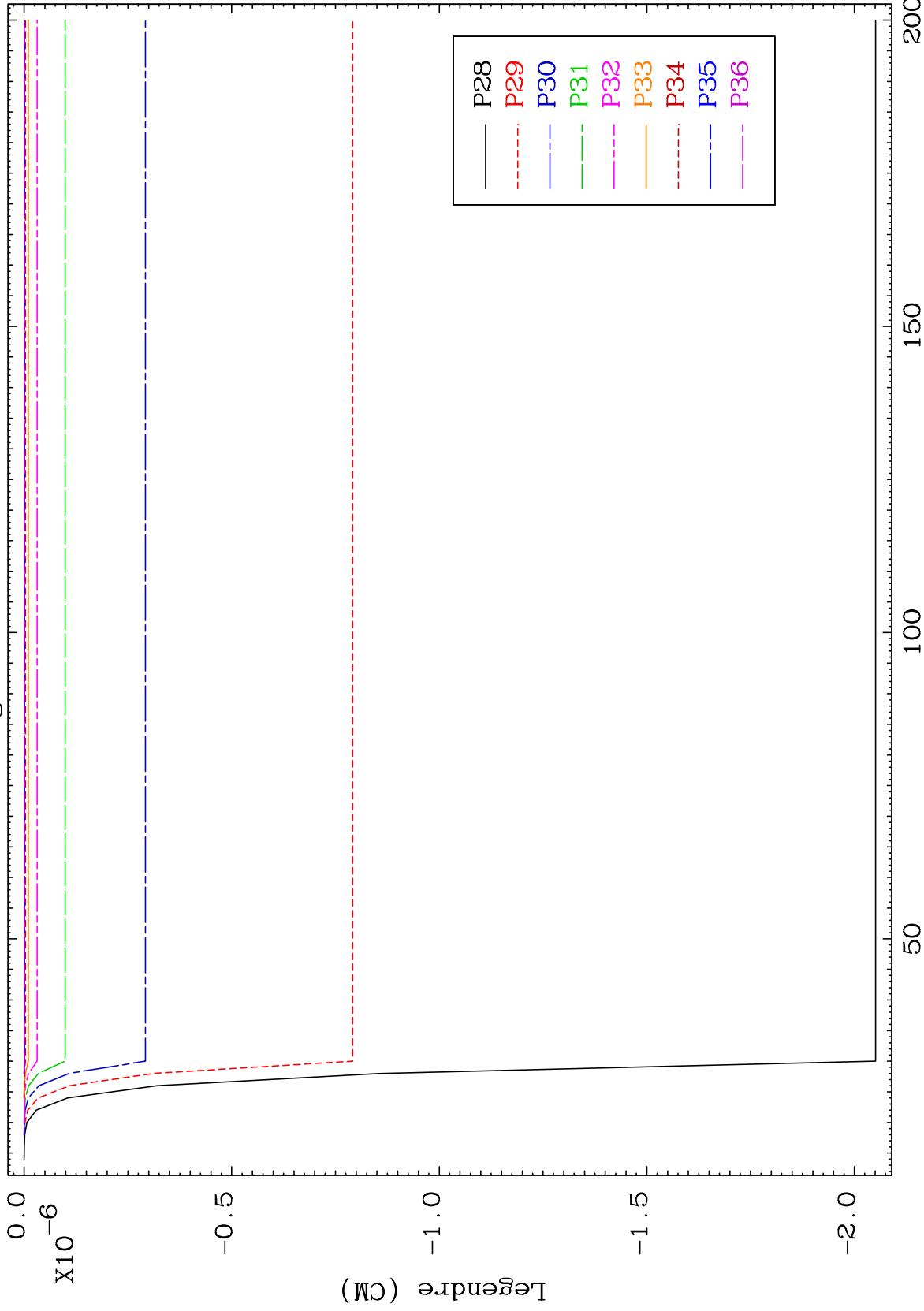
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

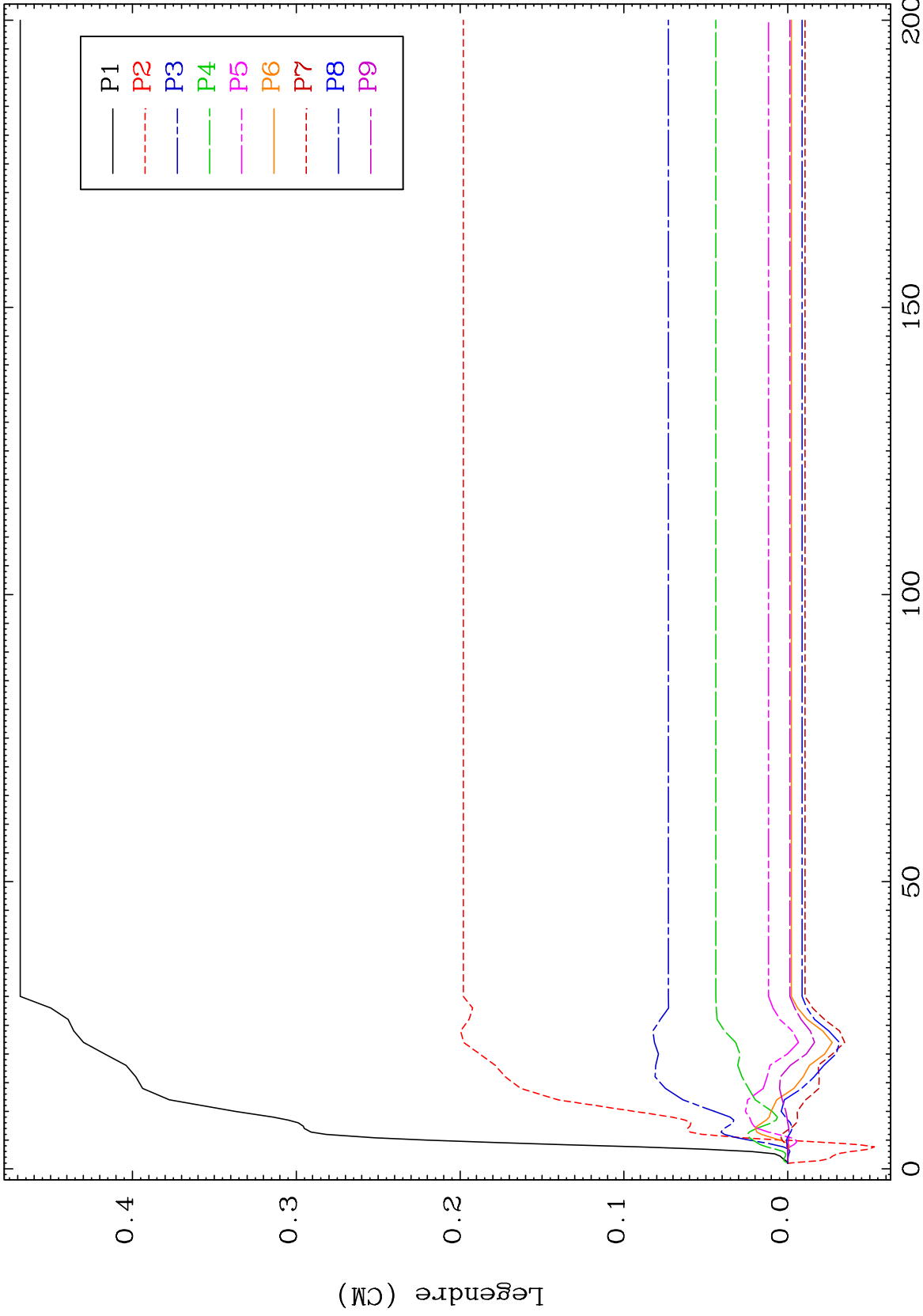
Incident Energy (MeV)

50

MAT 6304

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

63-Eu-144



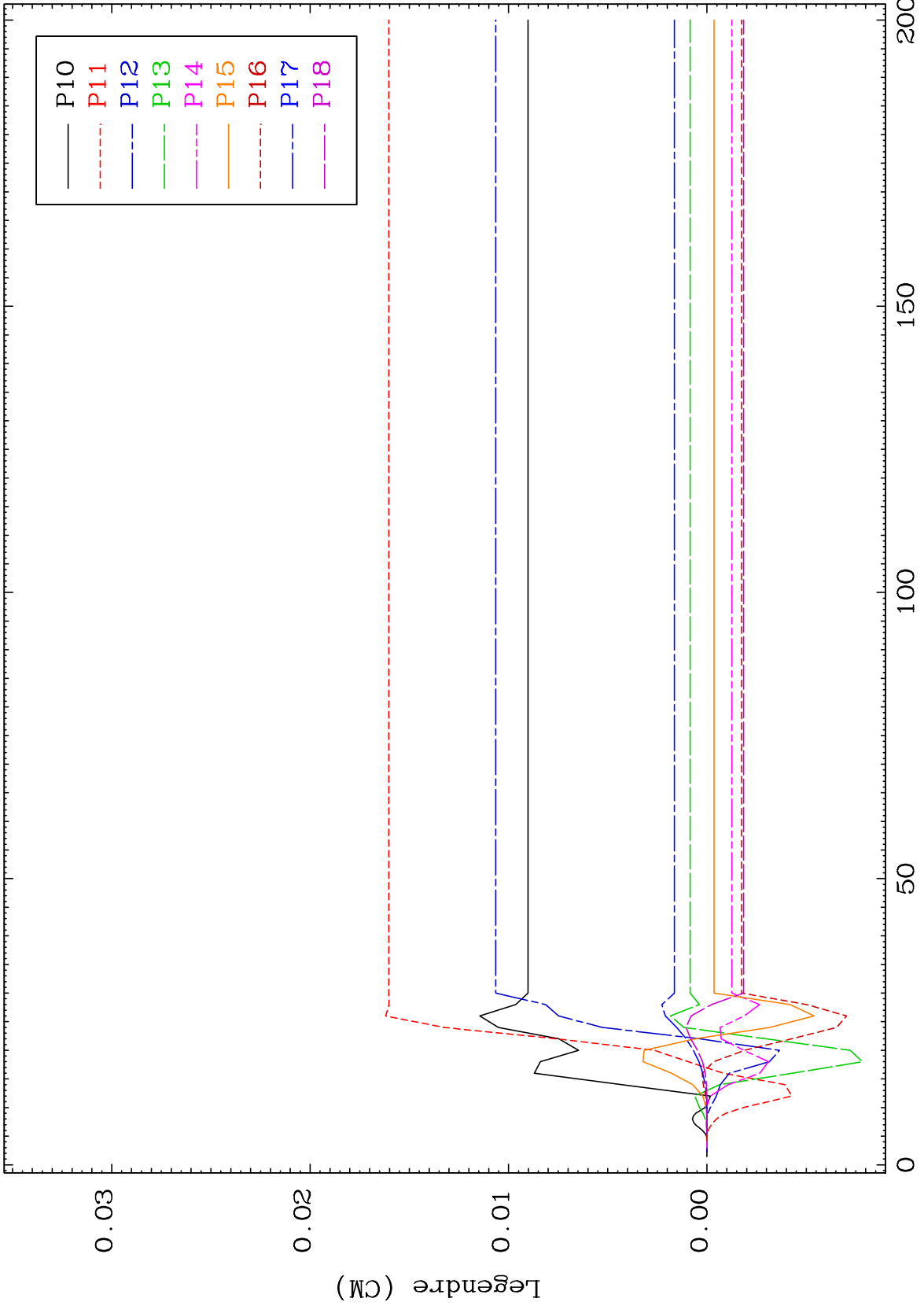
51

63-Eu-144

MAT 6304

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

63-Eu-144



52

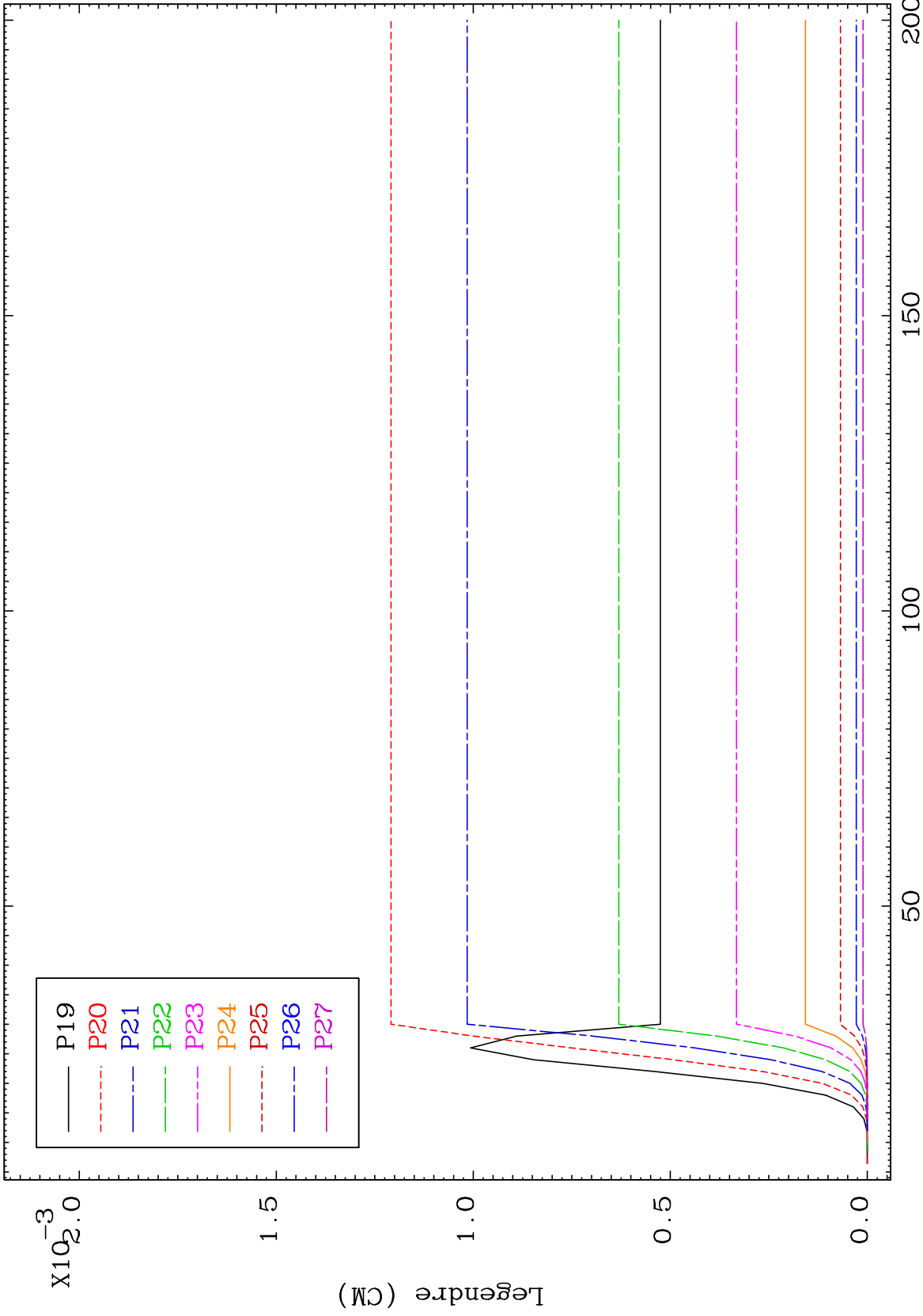
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



53

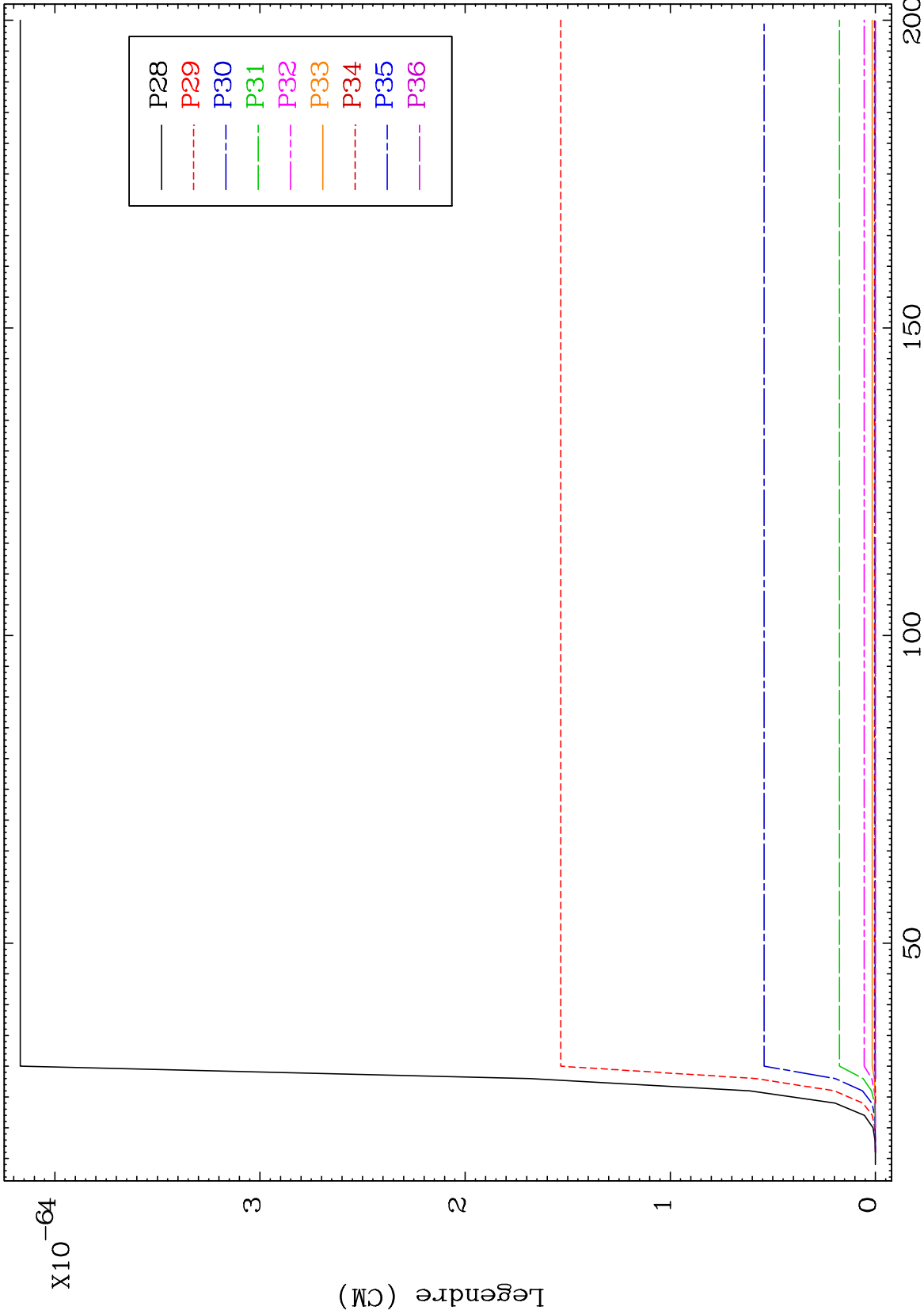
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144

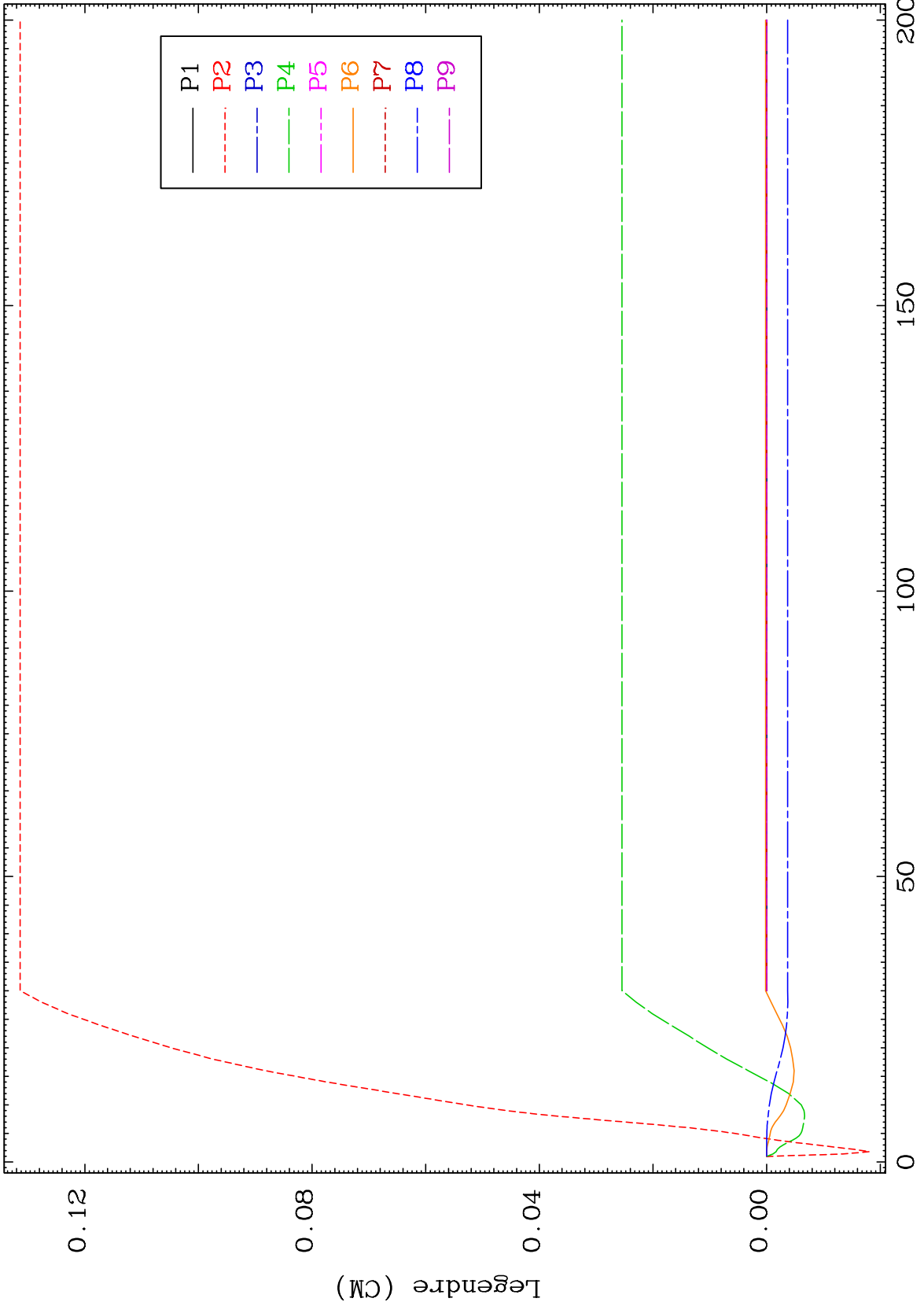


54

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 61 (n,n') Level Legendre Coefficients 63-Eu-144

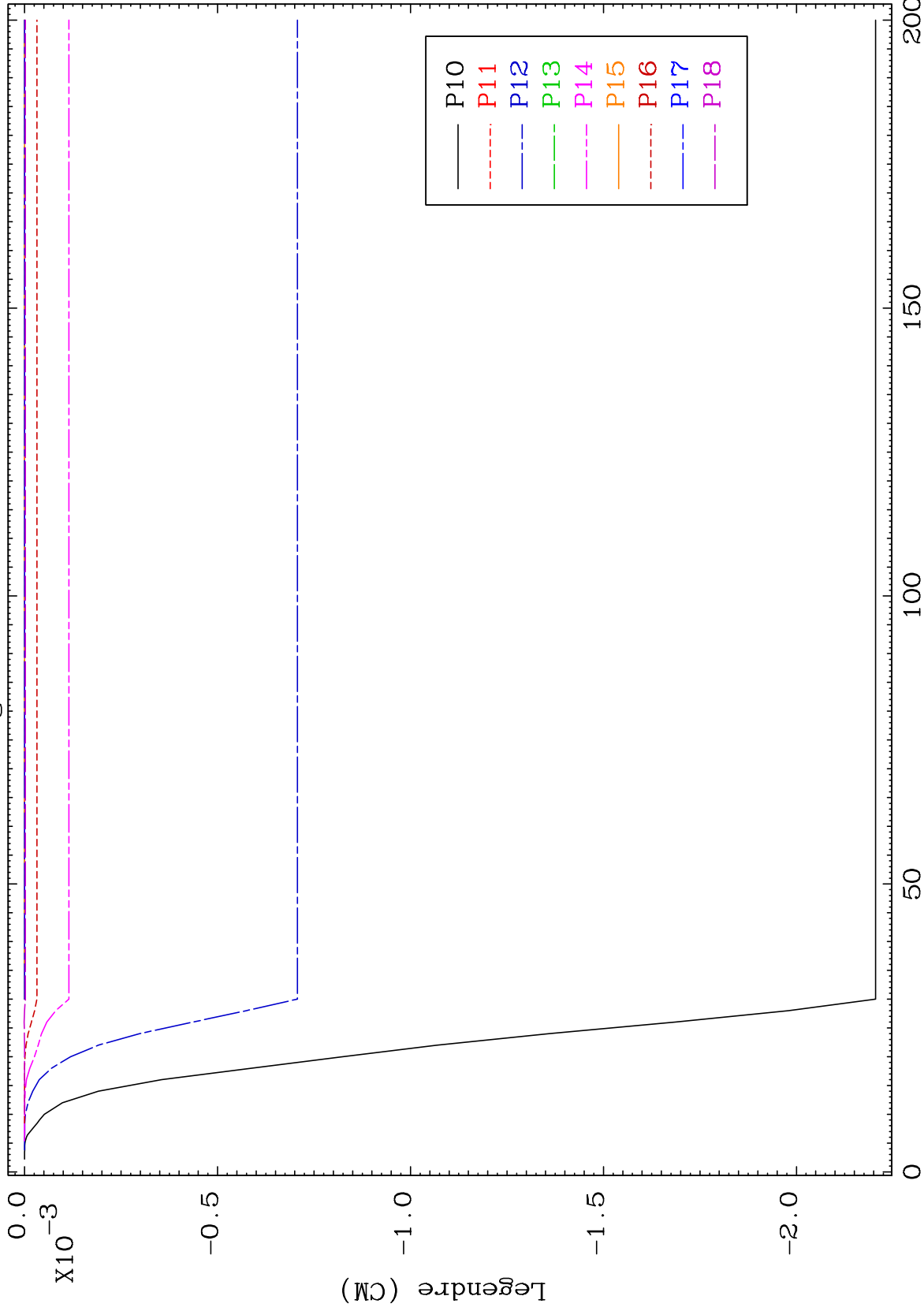


55 Incident Energy (MeV) 63-Eu-144

MAT 6304

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

63-Eu-144

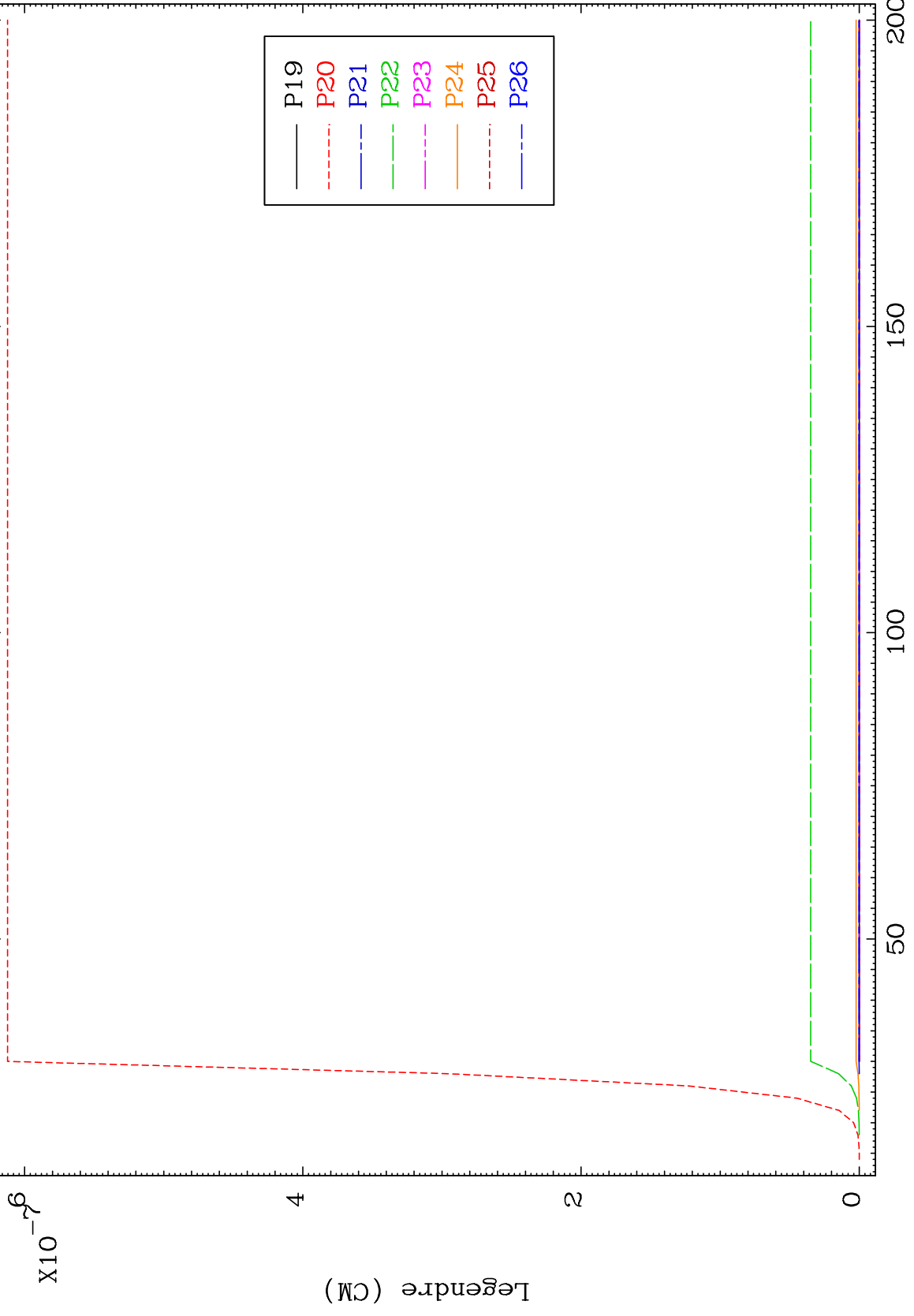


56

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 61 (n,n') Level Legendre Coefficients 63-Eu-144

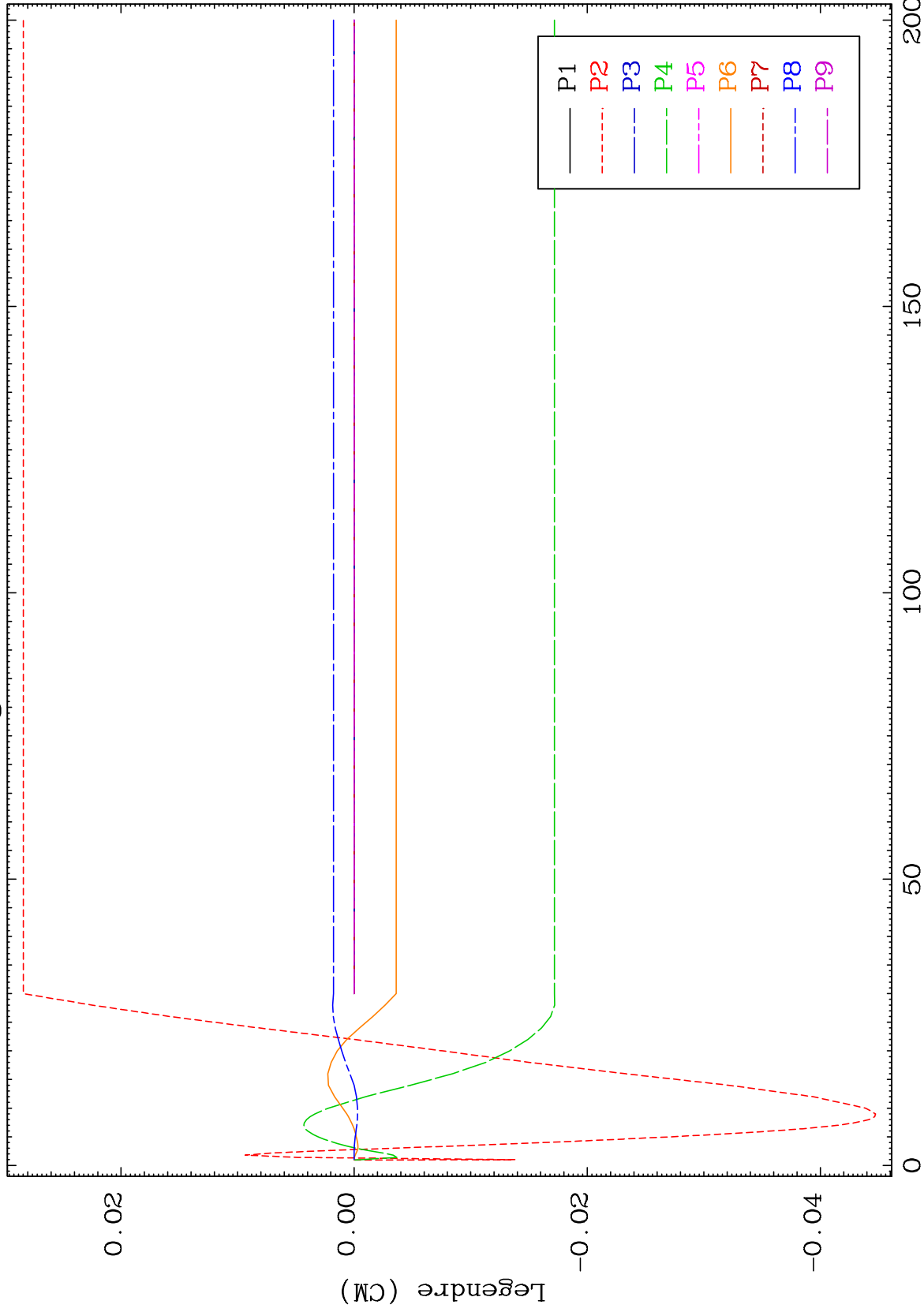


57 Incident Energy (MeV) 63-Eu-144

MAT 6304

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

63-Eu-144



58

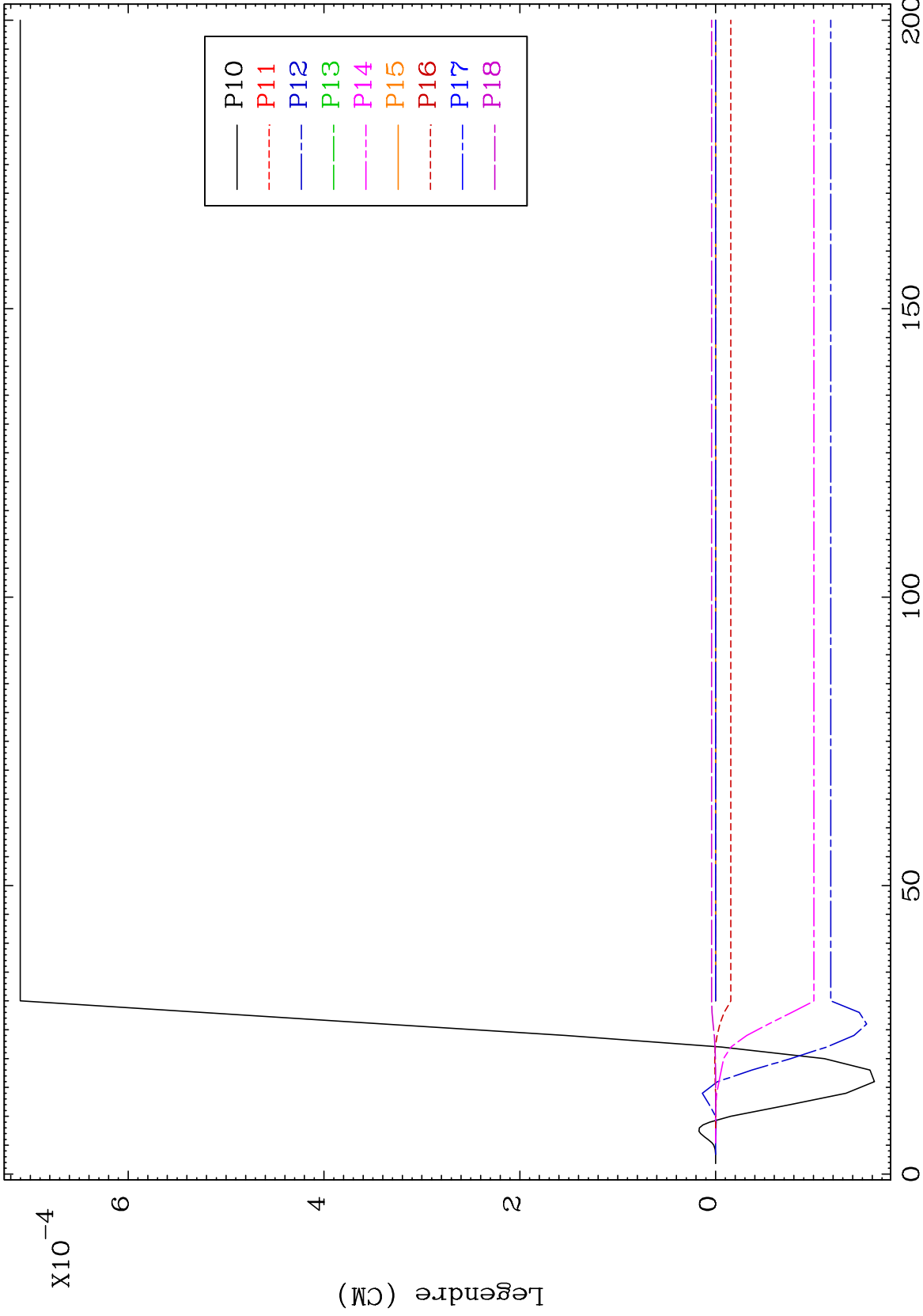
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



59

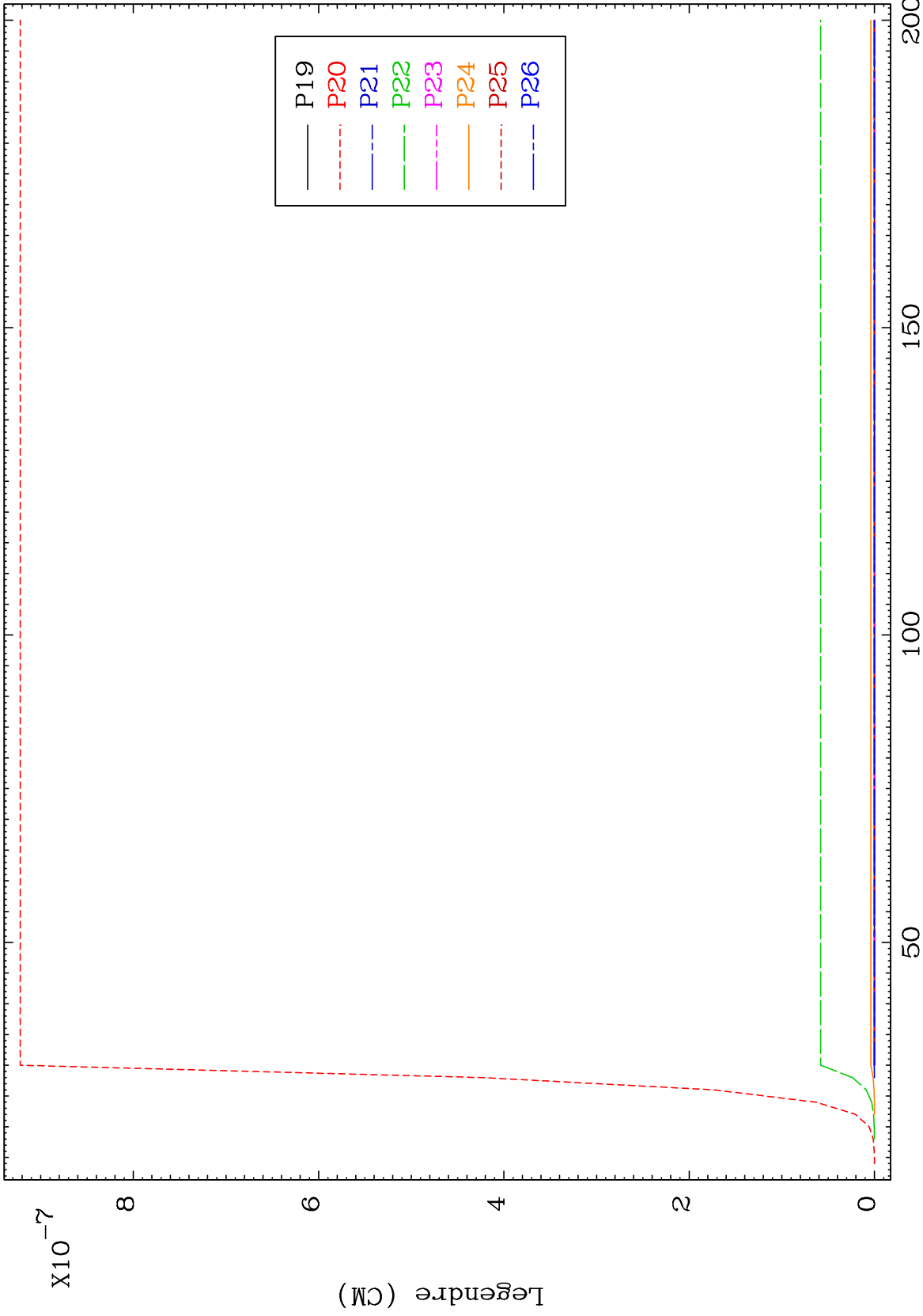
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



60

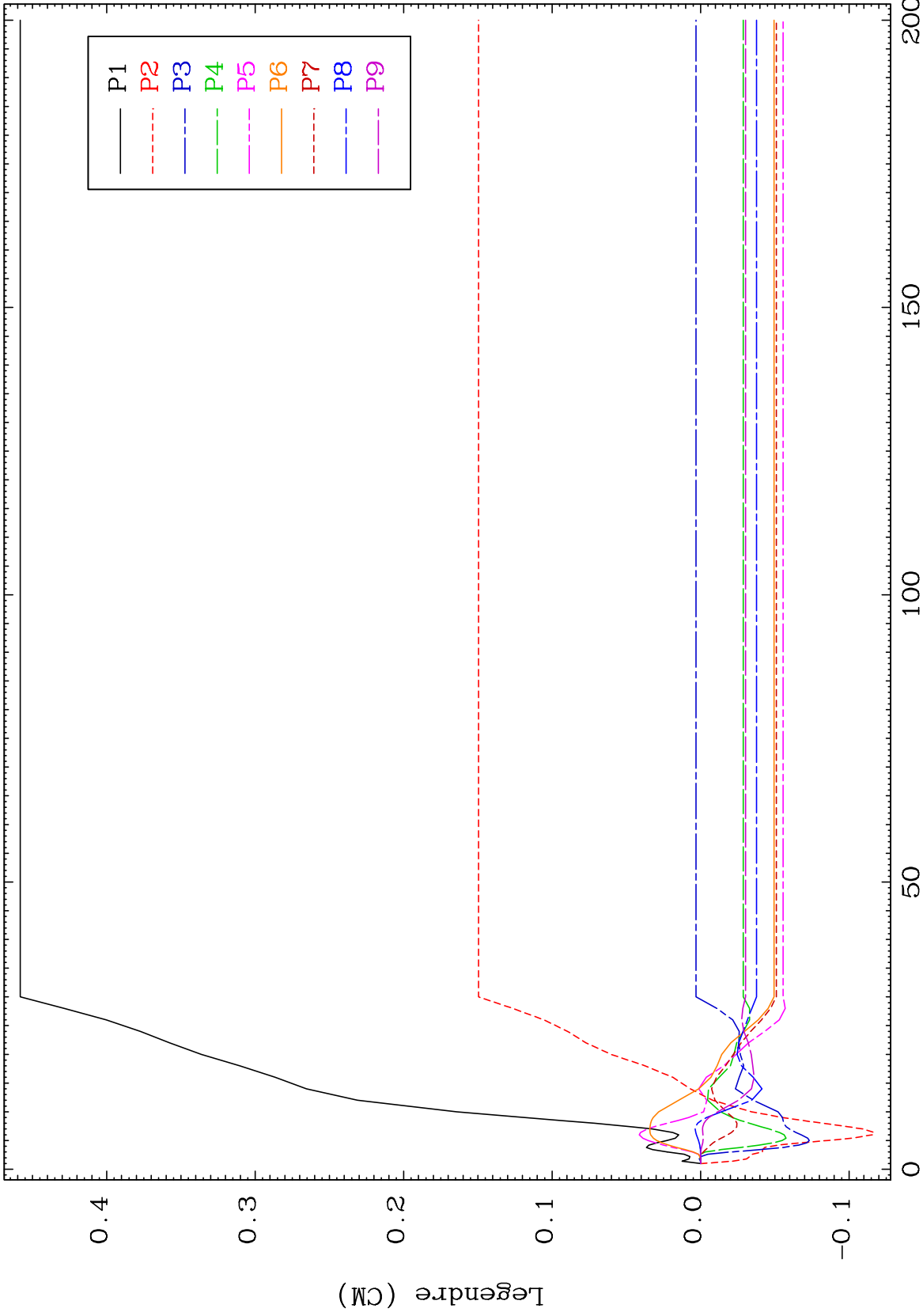
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



61

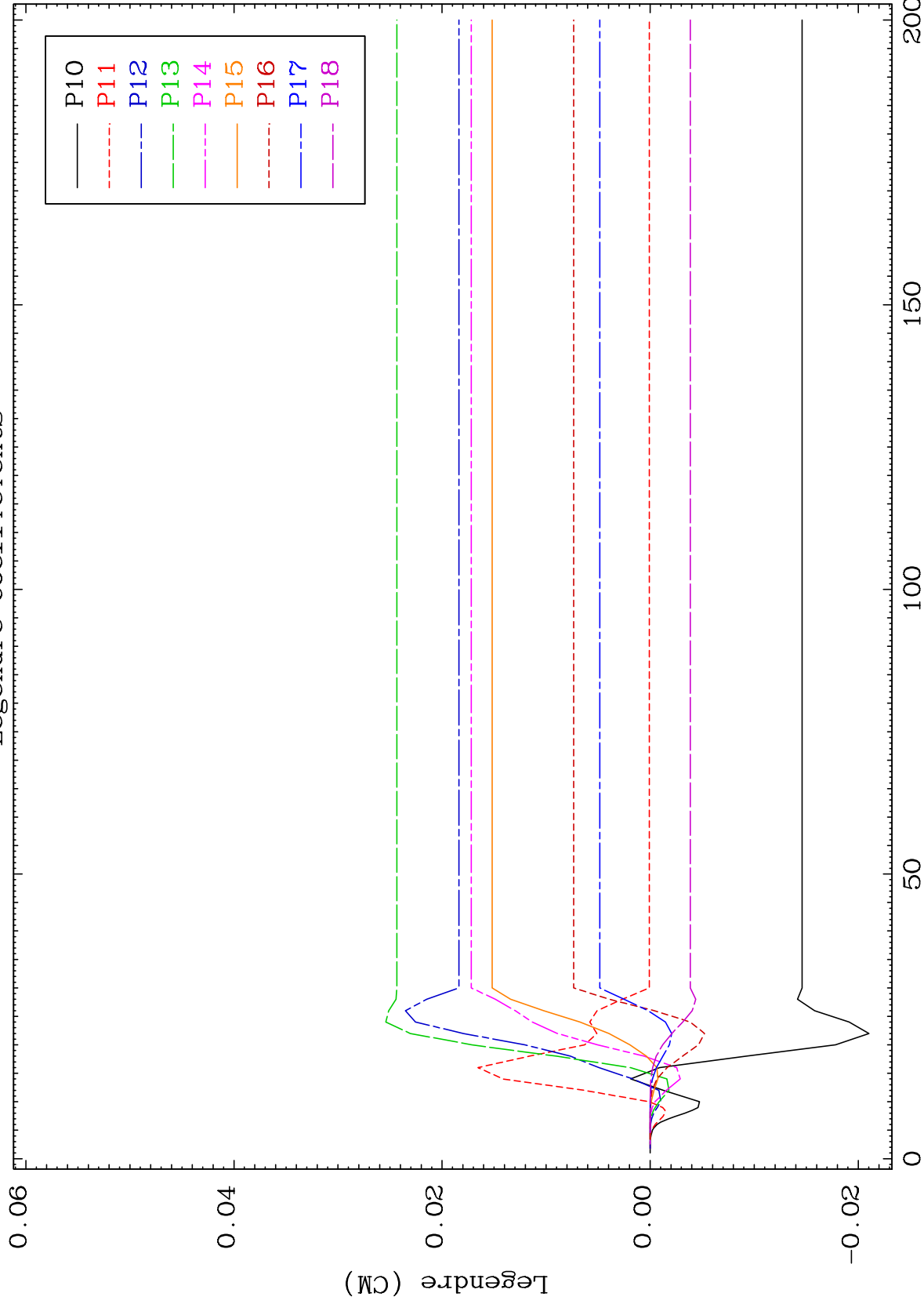
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



62

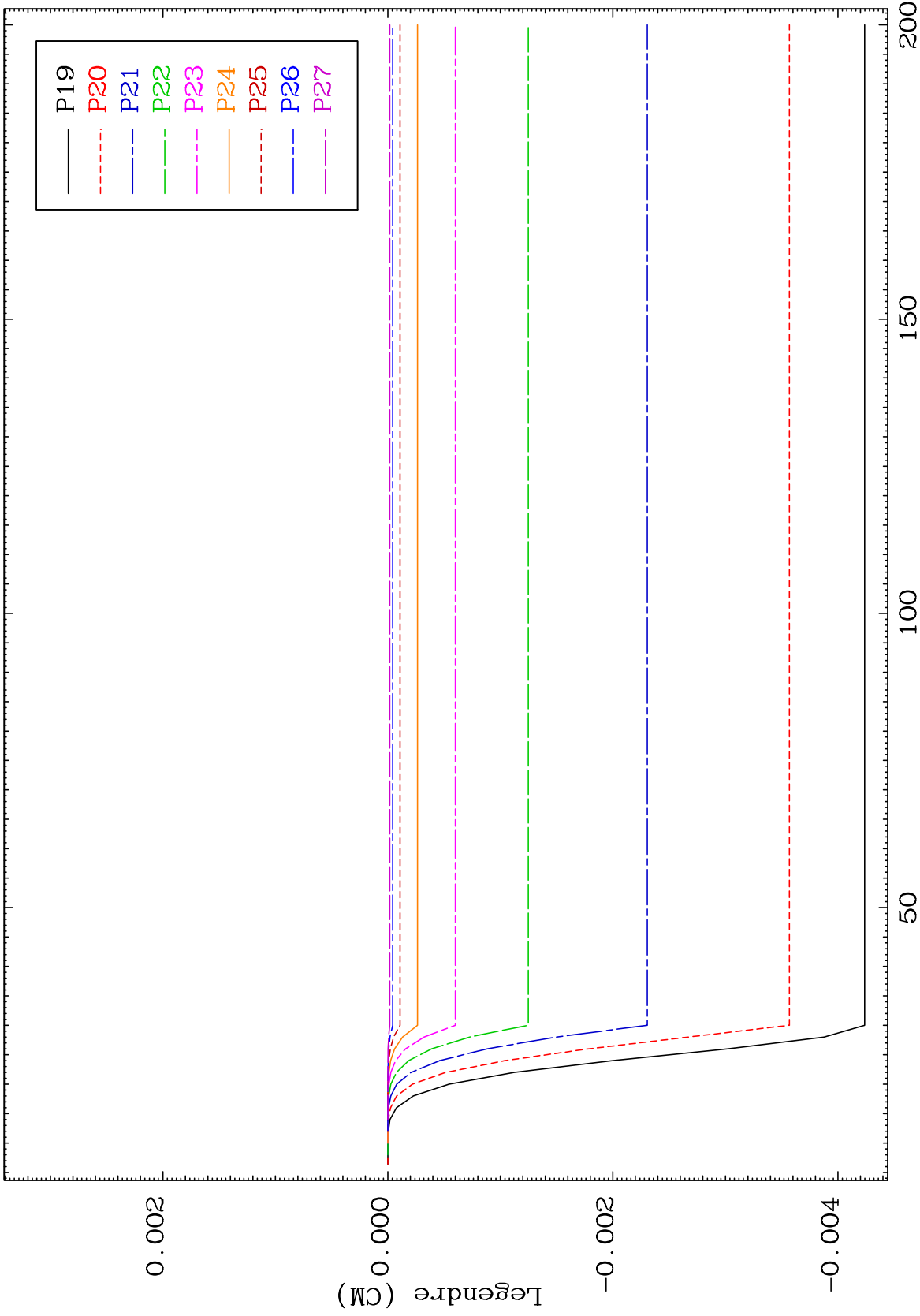
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63

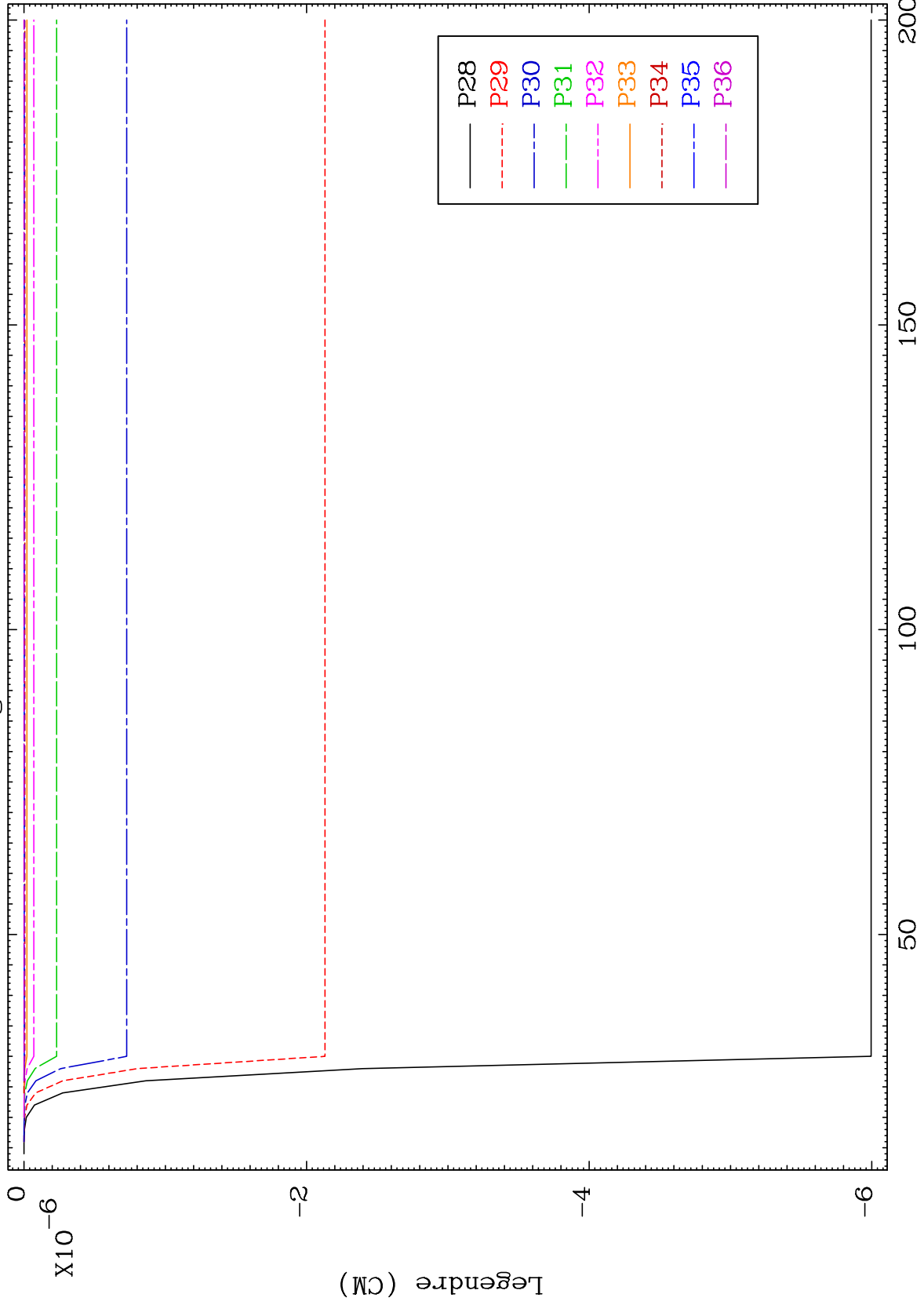
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

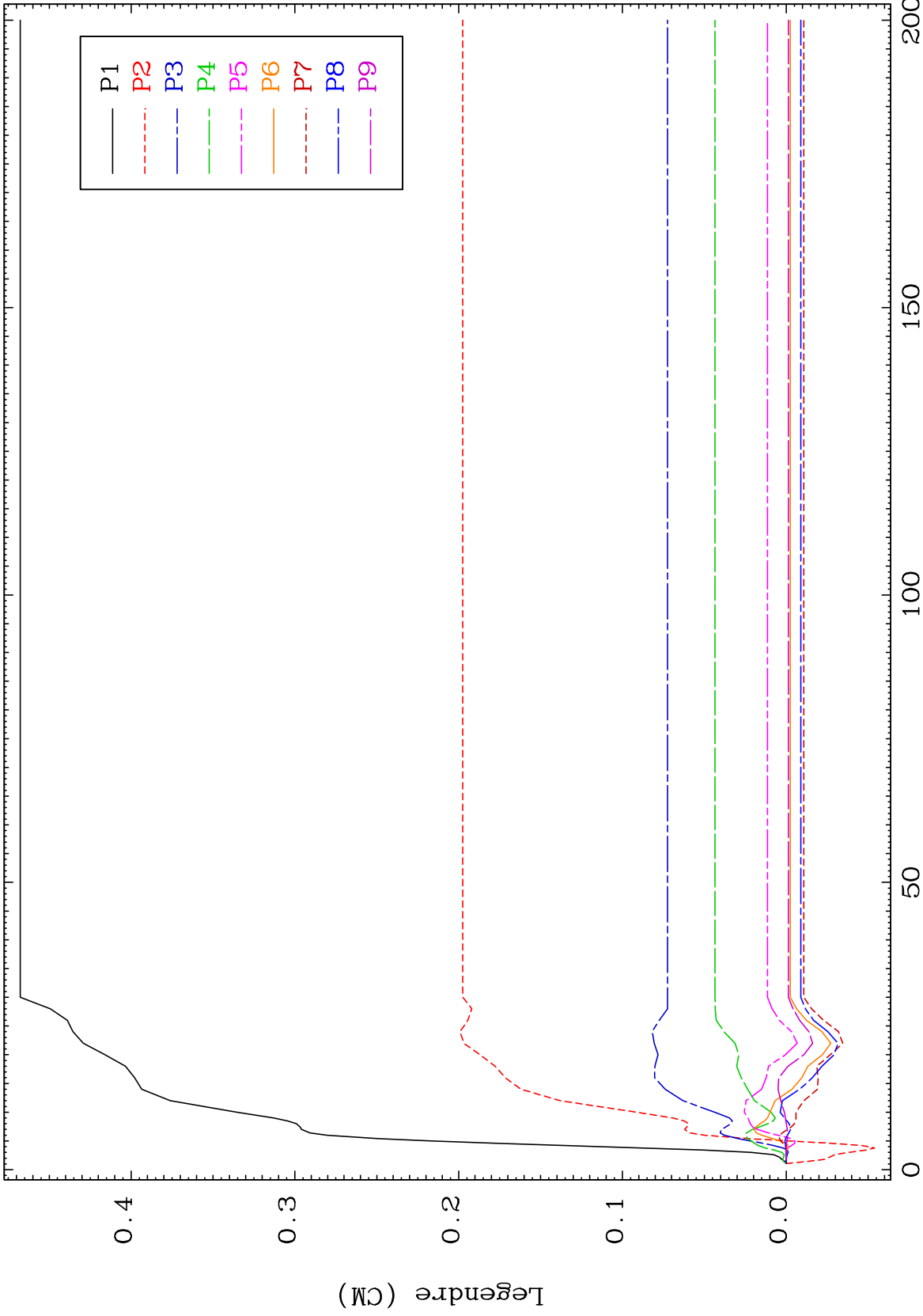
Incident Energy (MeV)

64

MAT 6304

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

63-Eu-144



65

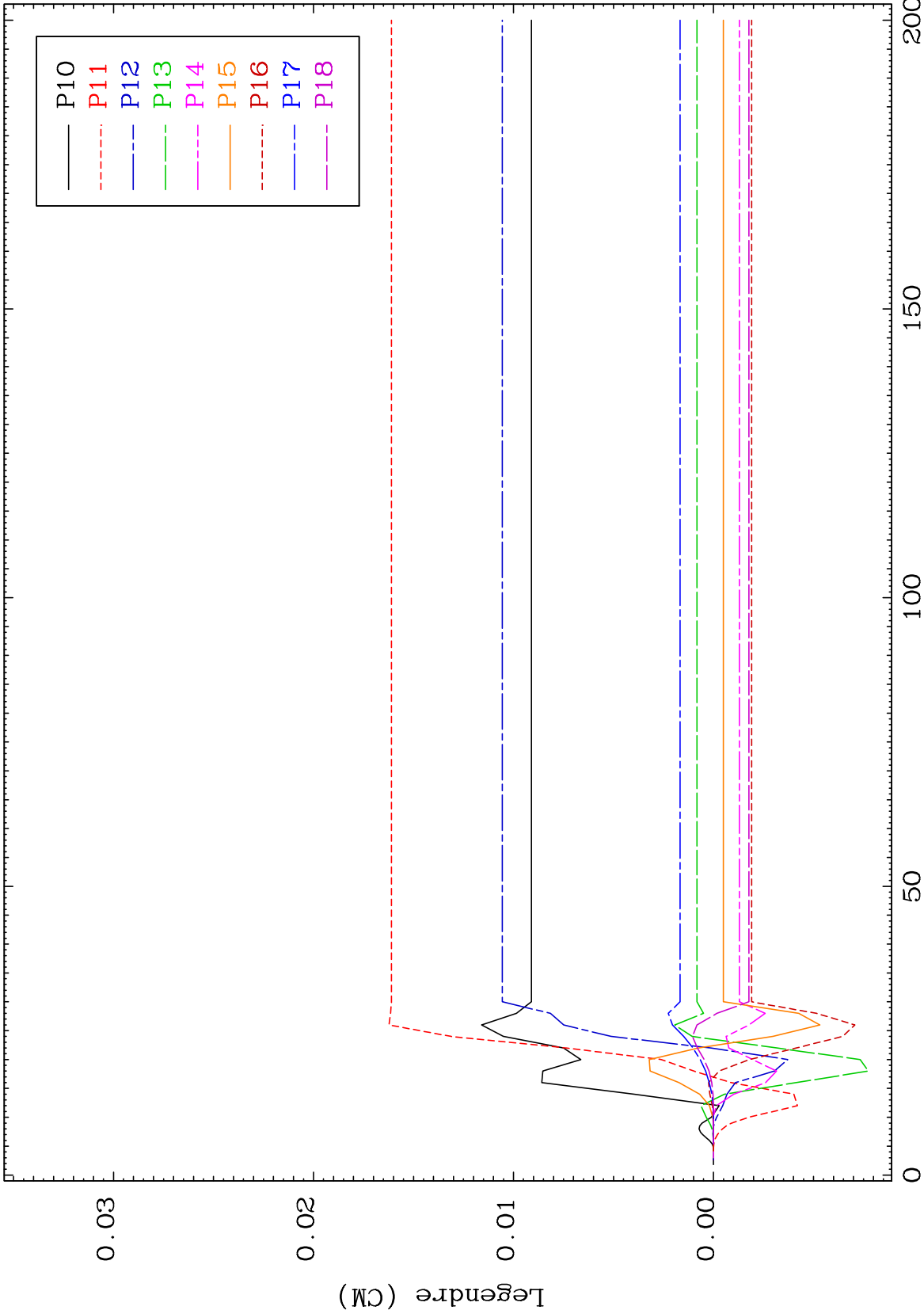
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



66

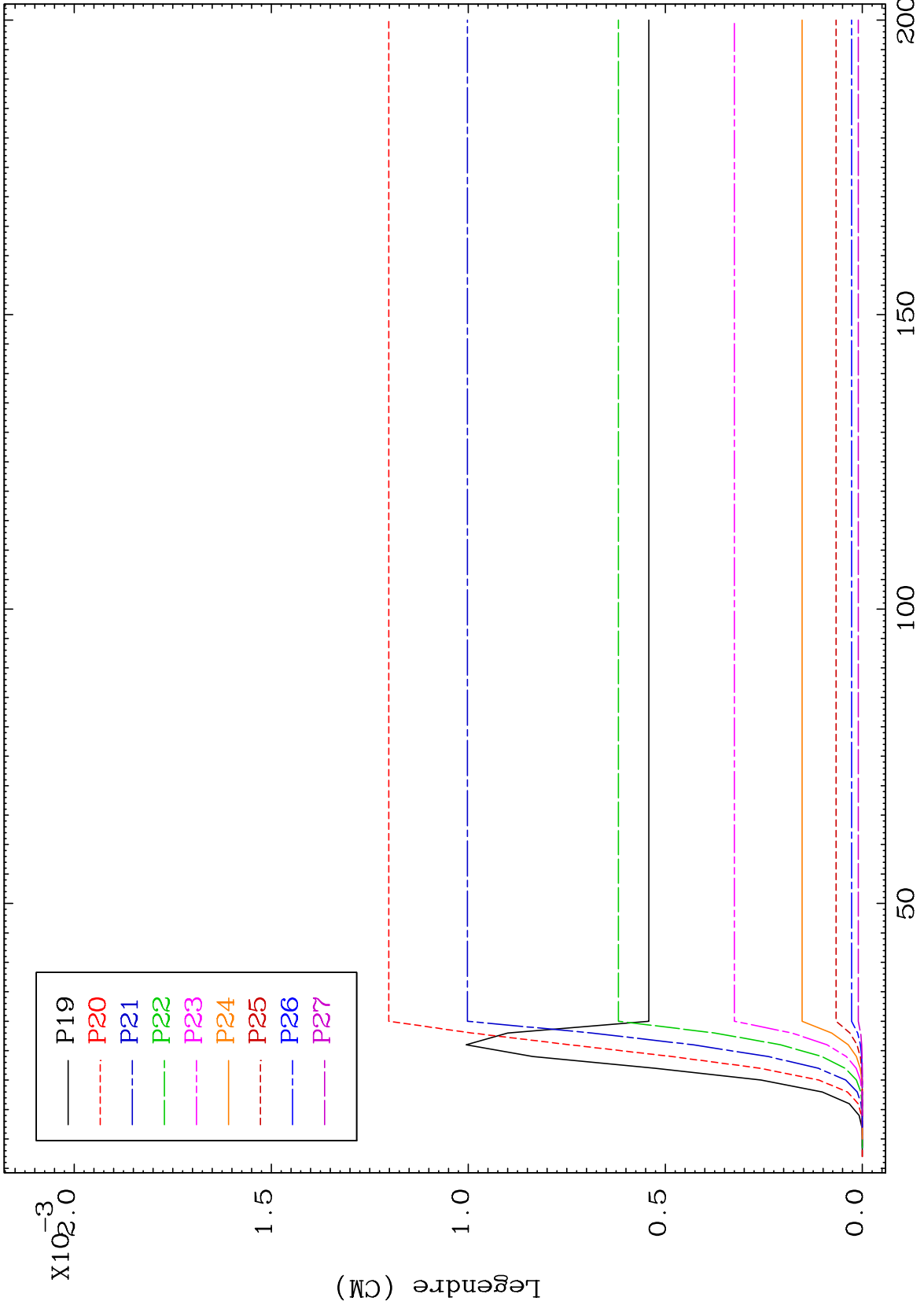
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



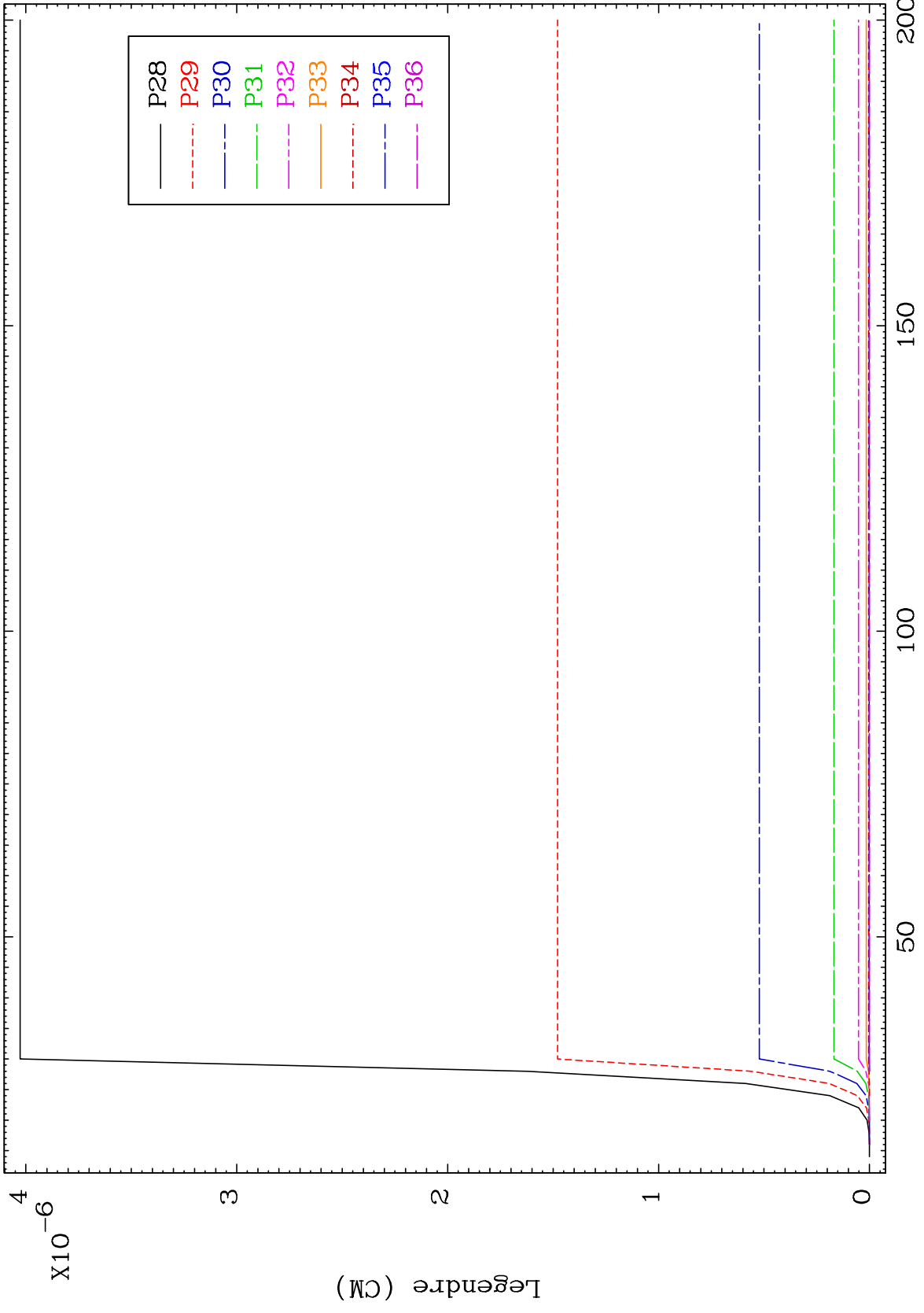
67

63-Eu-144

MAT 6304

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

63-Eu-144



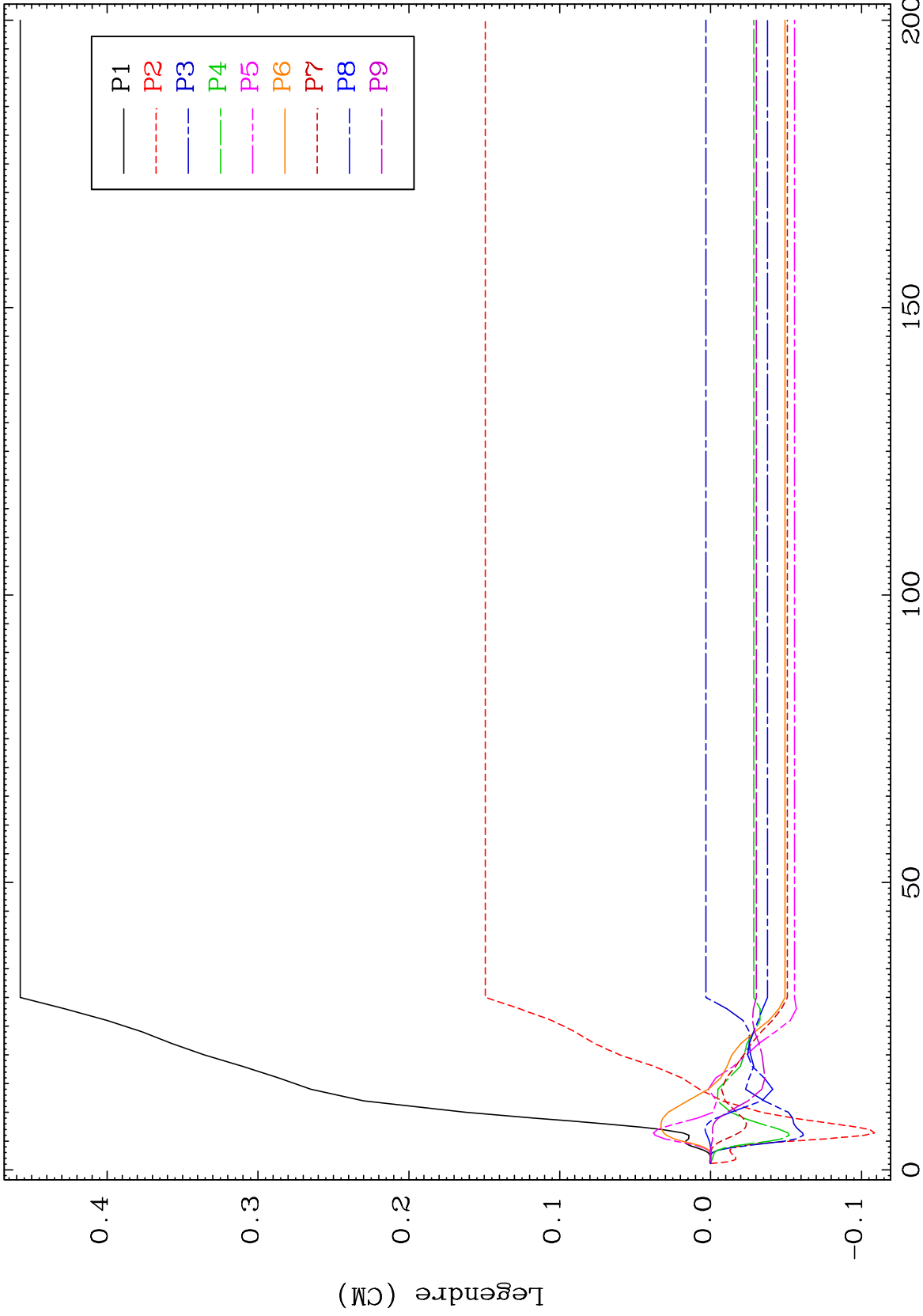
68

63-Eu-144

MAT 6304

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

63-Eu-144



69

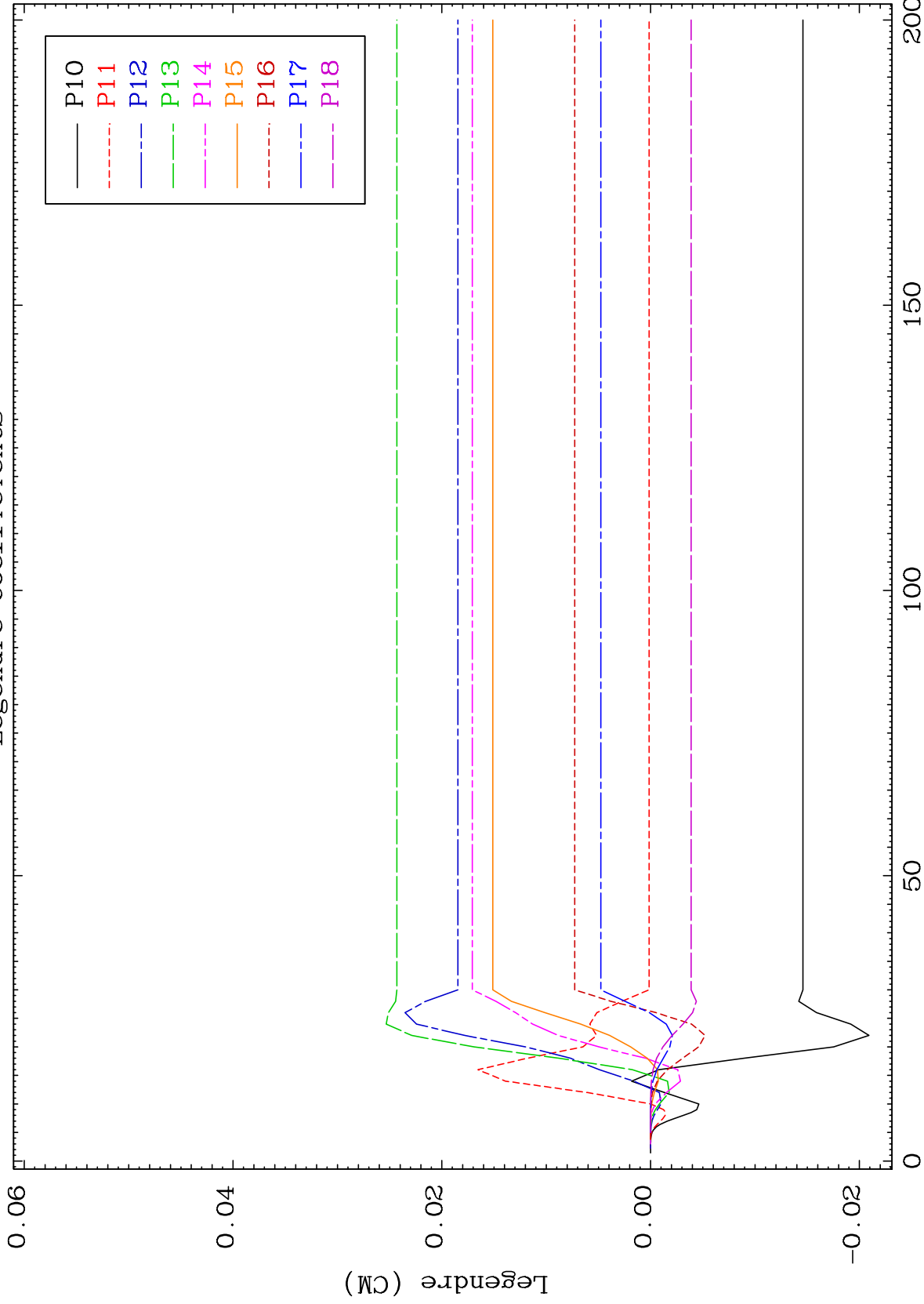
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

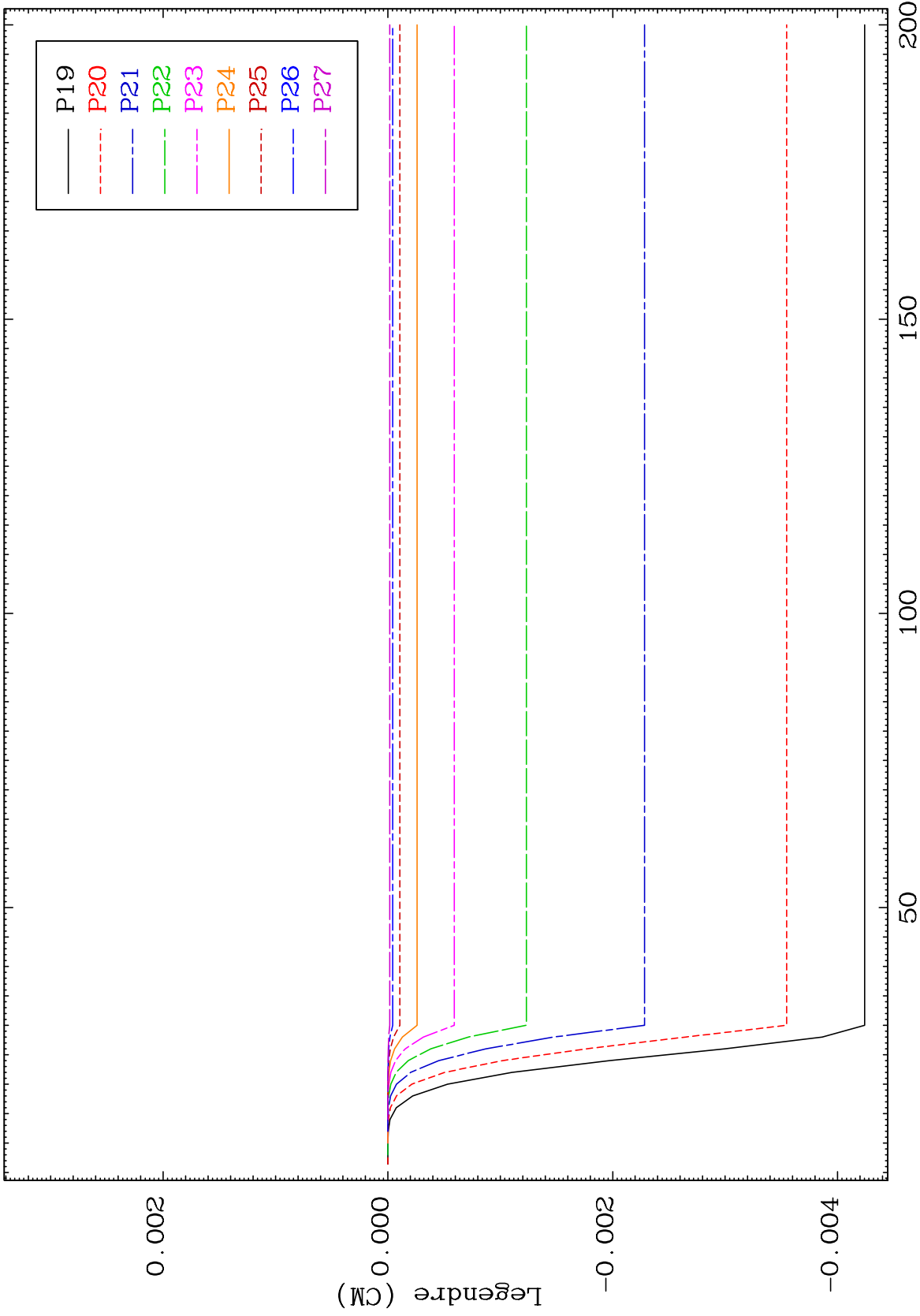
Incident Energy (MeV)

70

MAT 6304

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

63-Eu-144



71

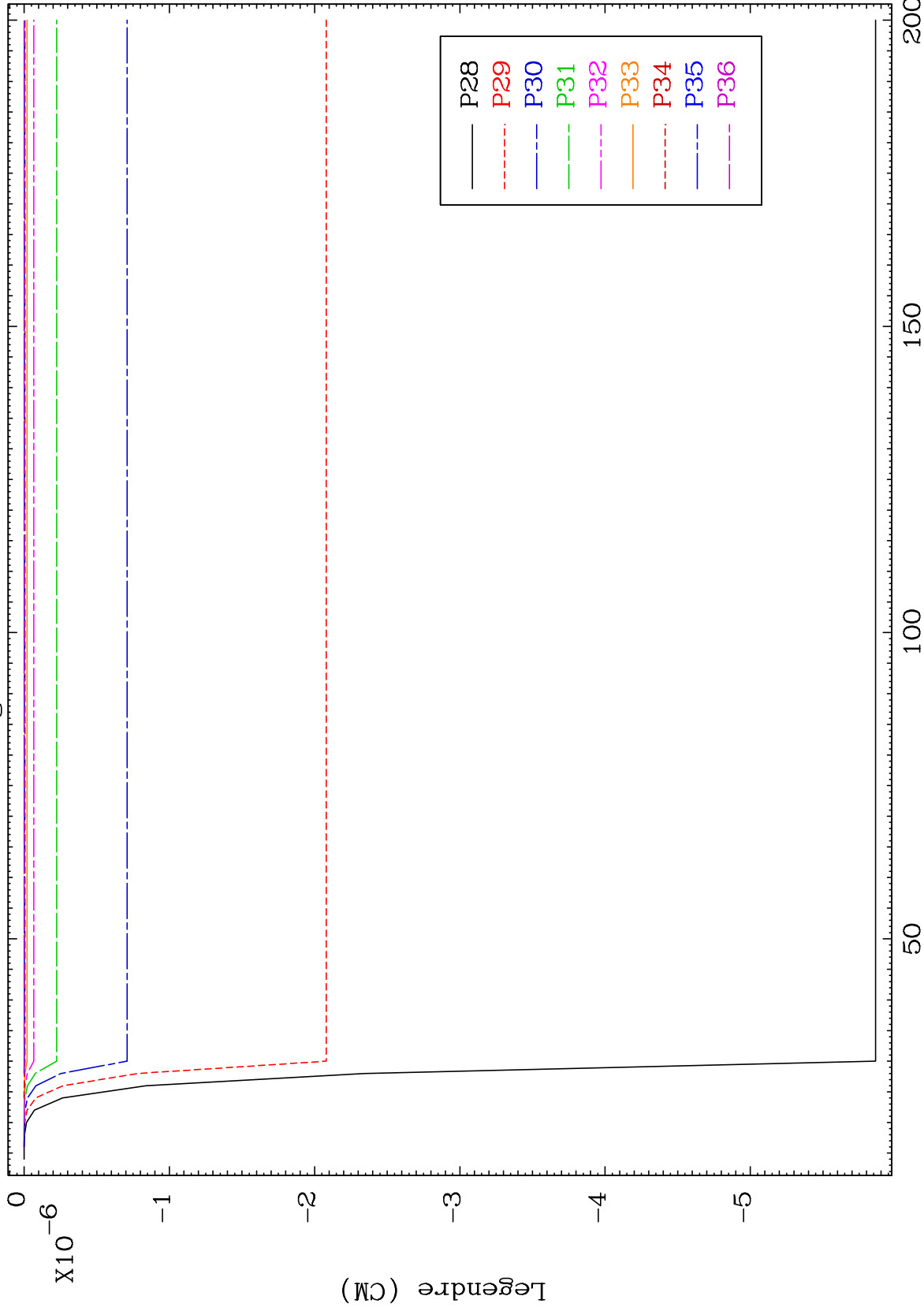
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



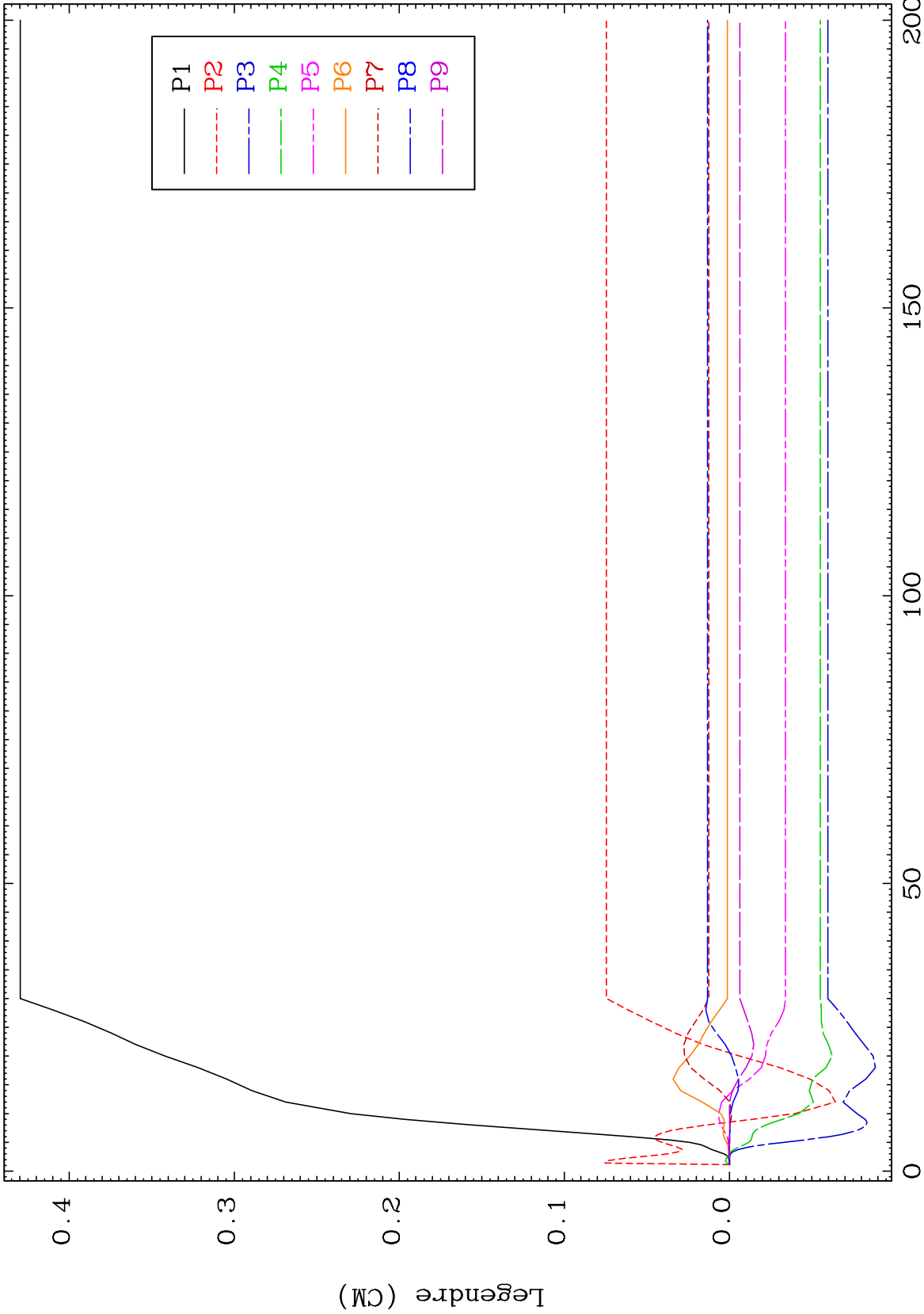
72

63-Eu-144

MAT 6304

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

63-Eu-144



73

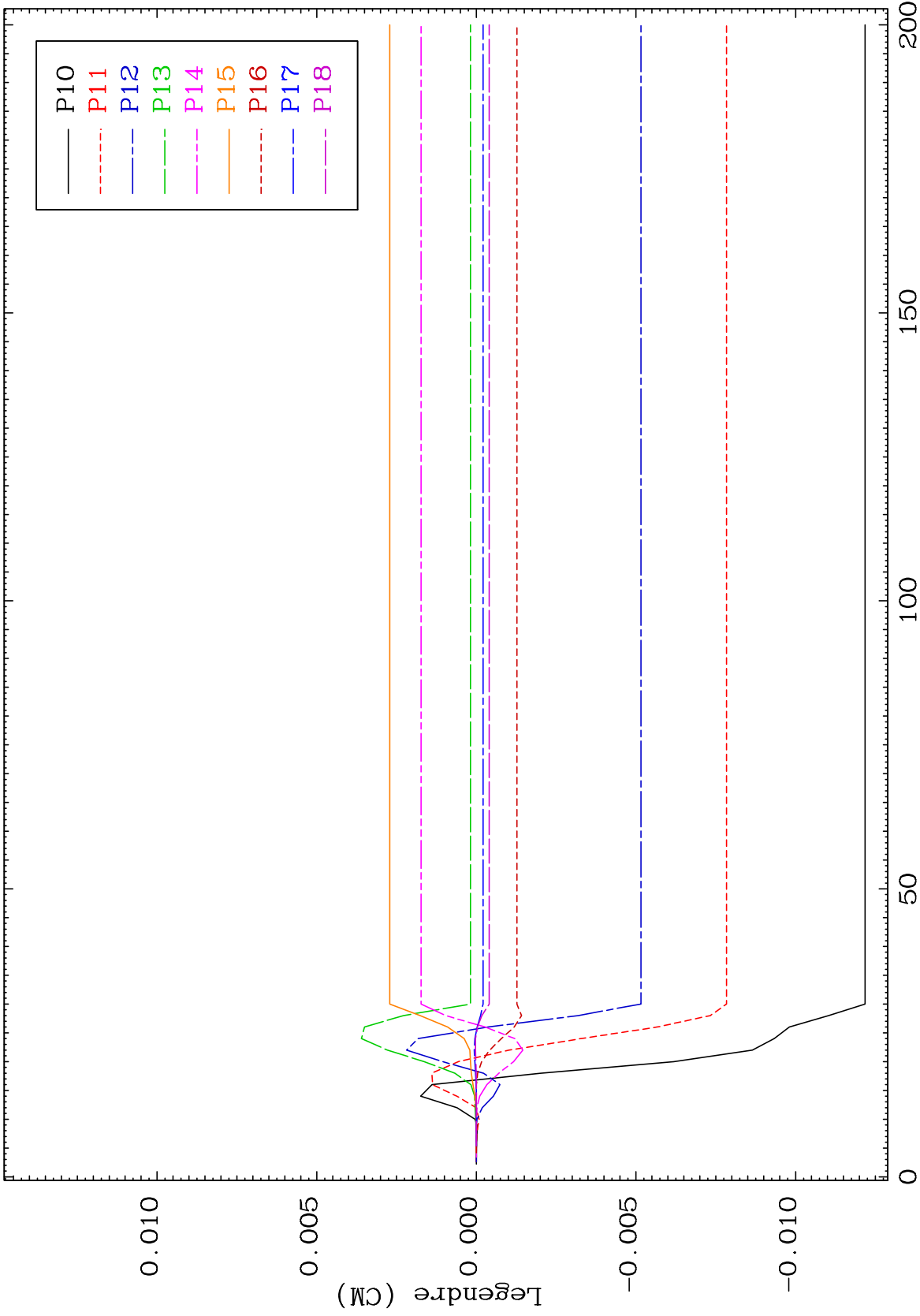
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



74

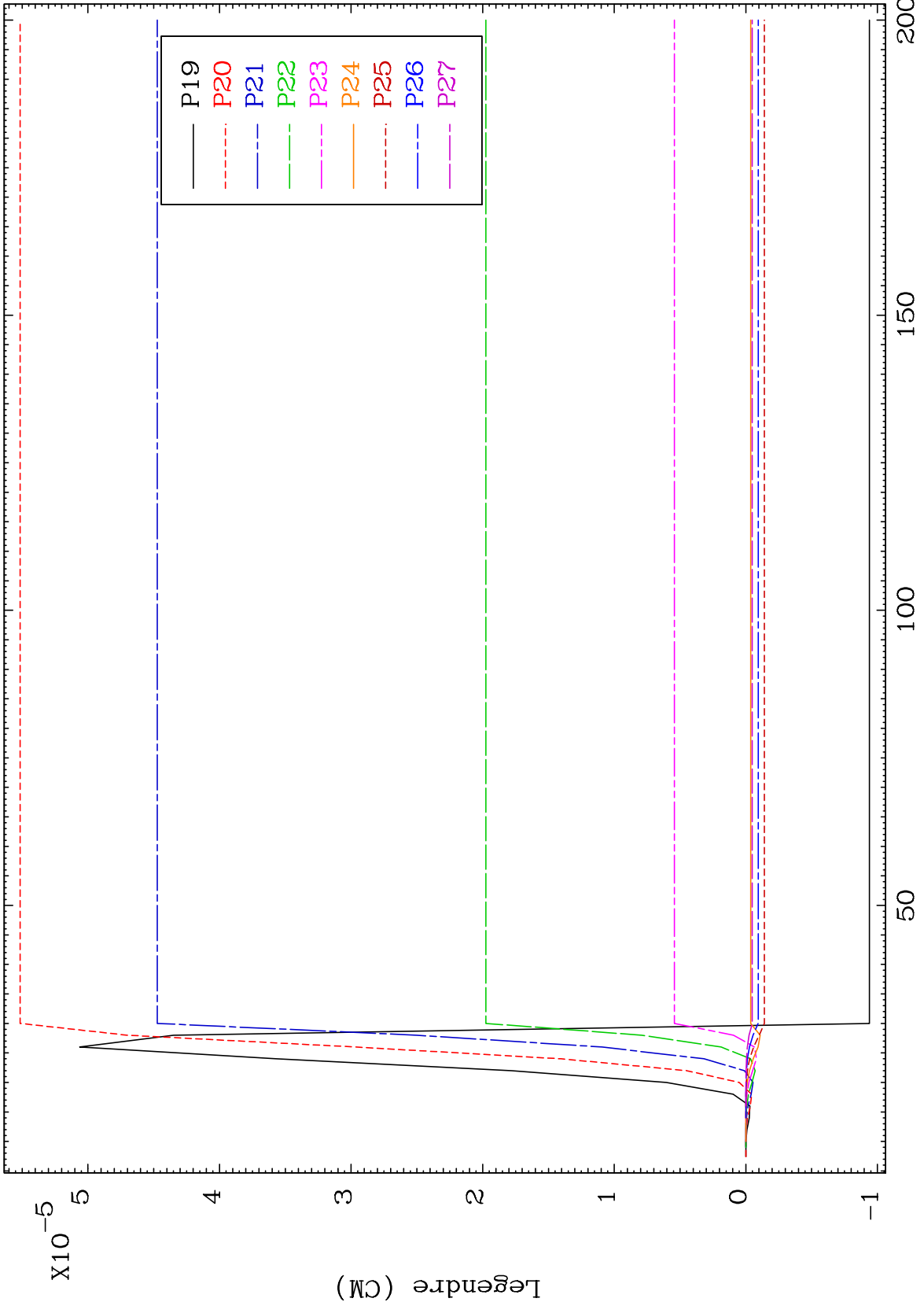
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



75

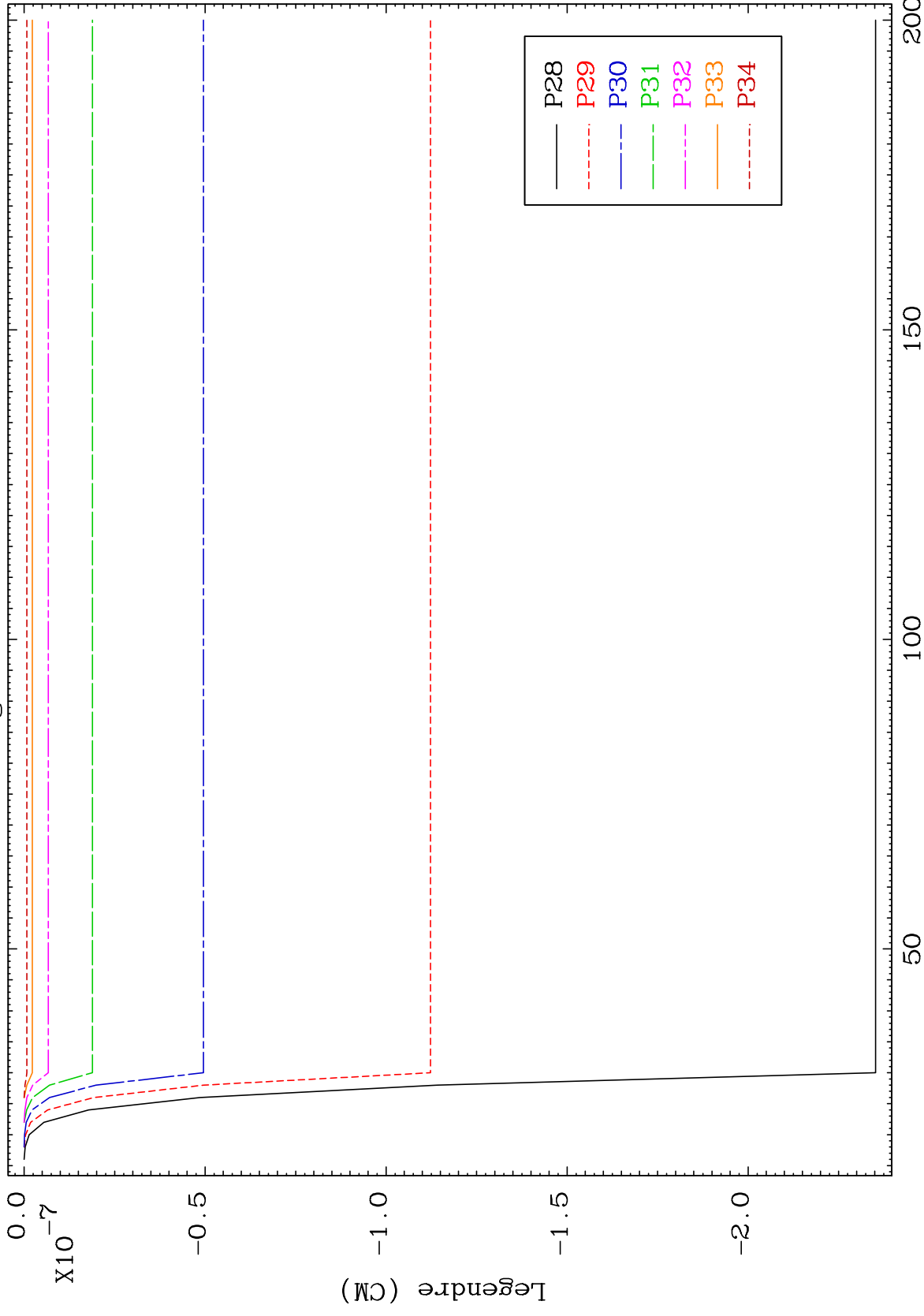
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

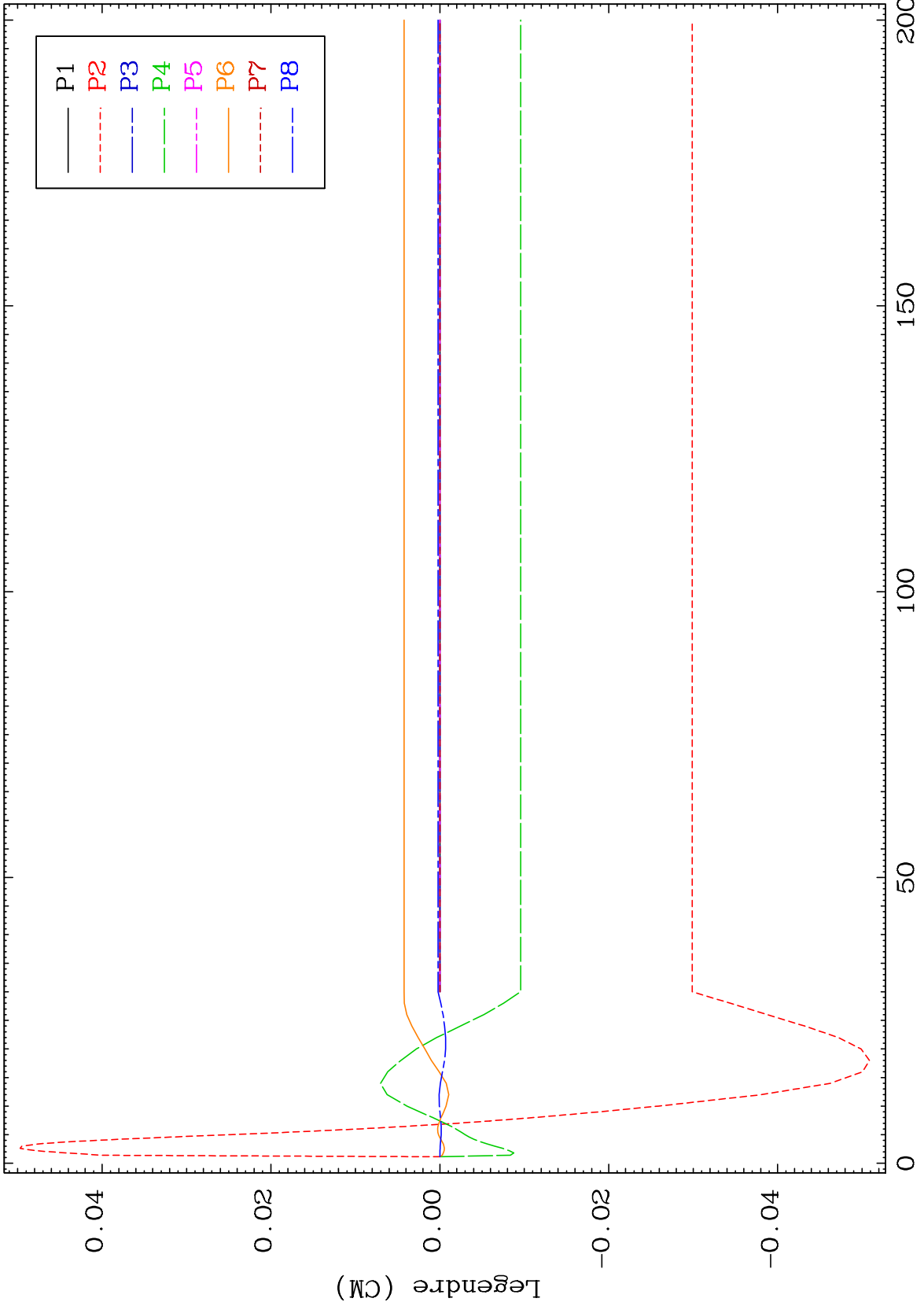
Incident Energy (MeV)

76

MAT 6304

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

63-Eu-144



77

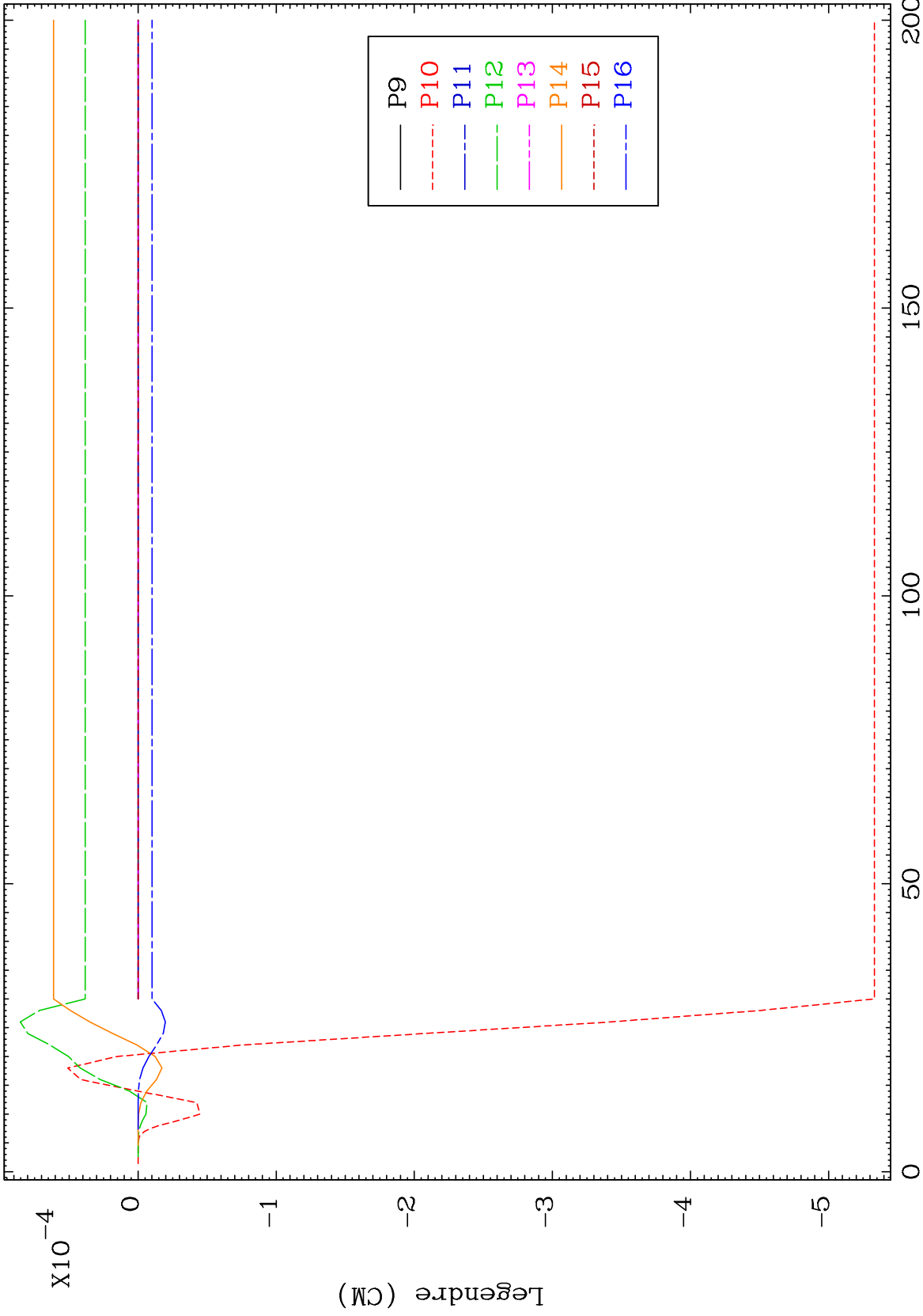
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



78

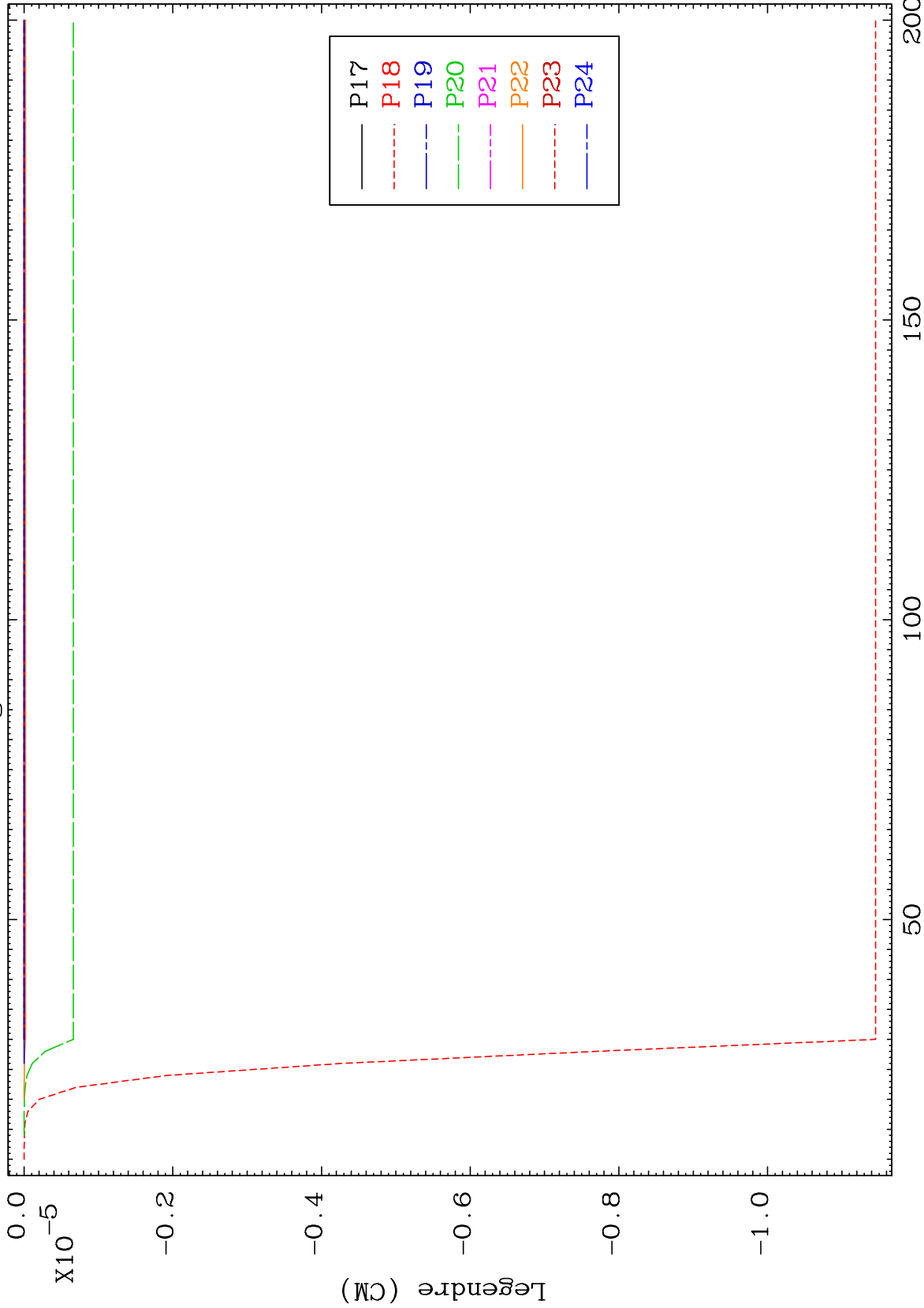
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



79

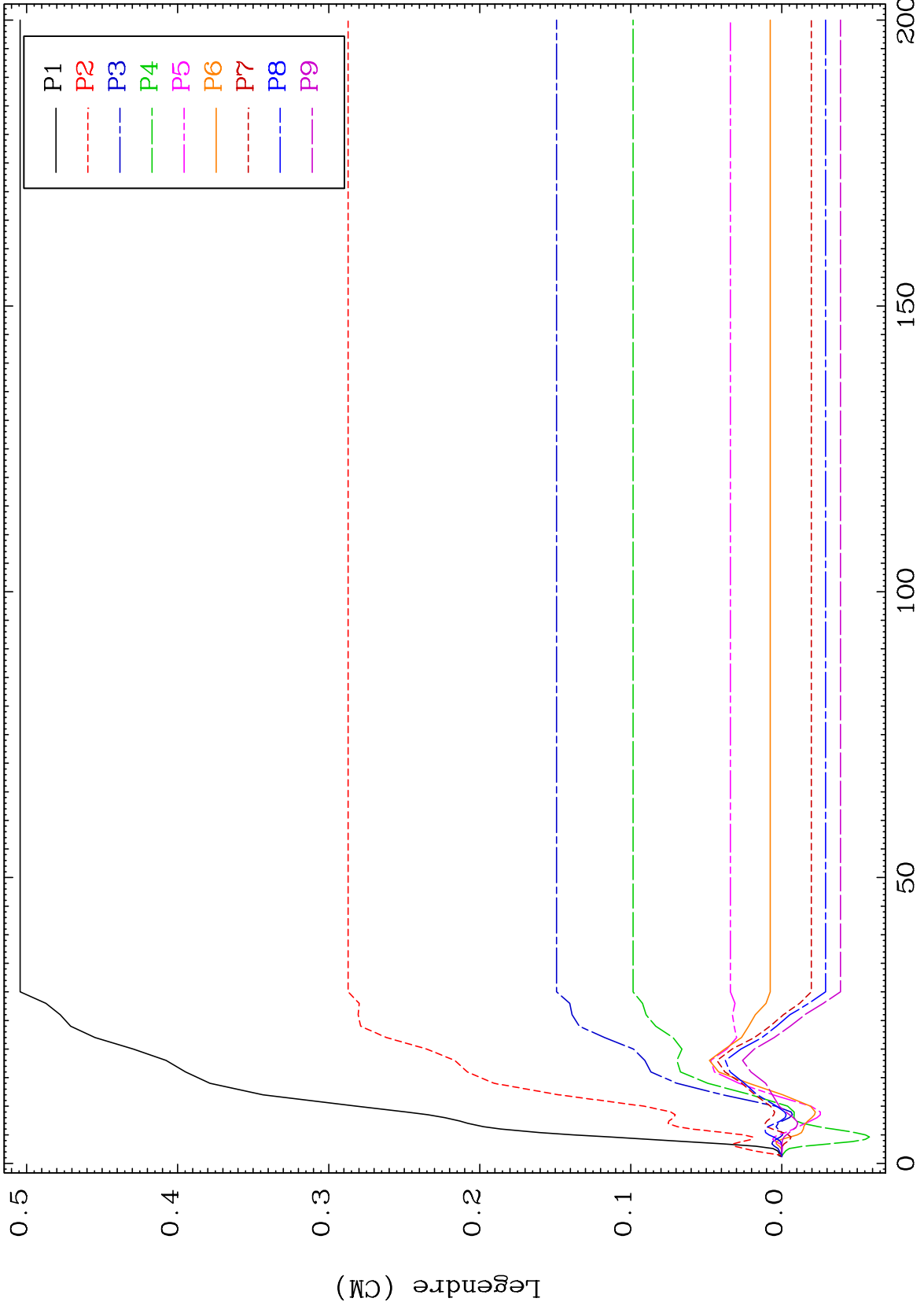
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



80

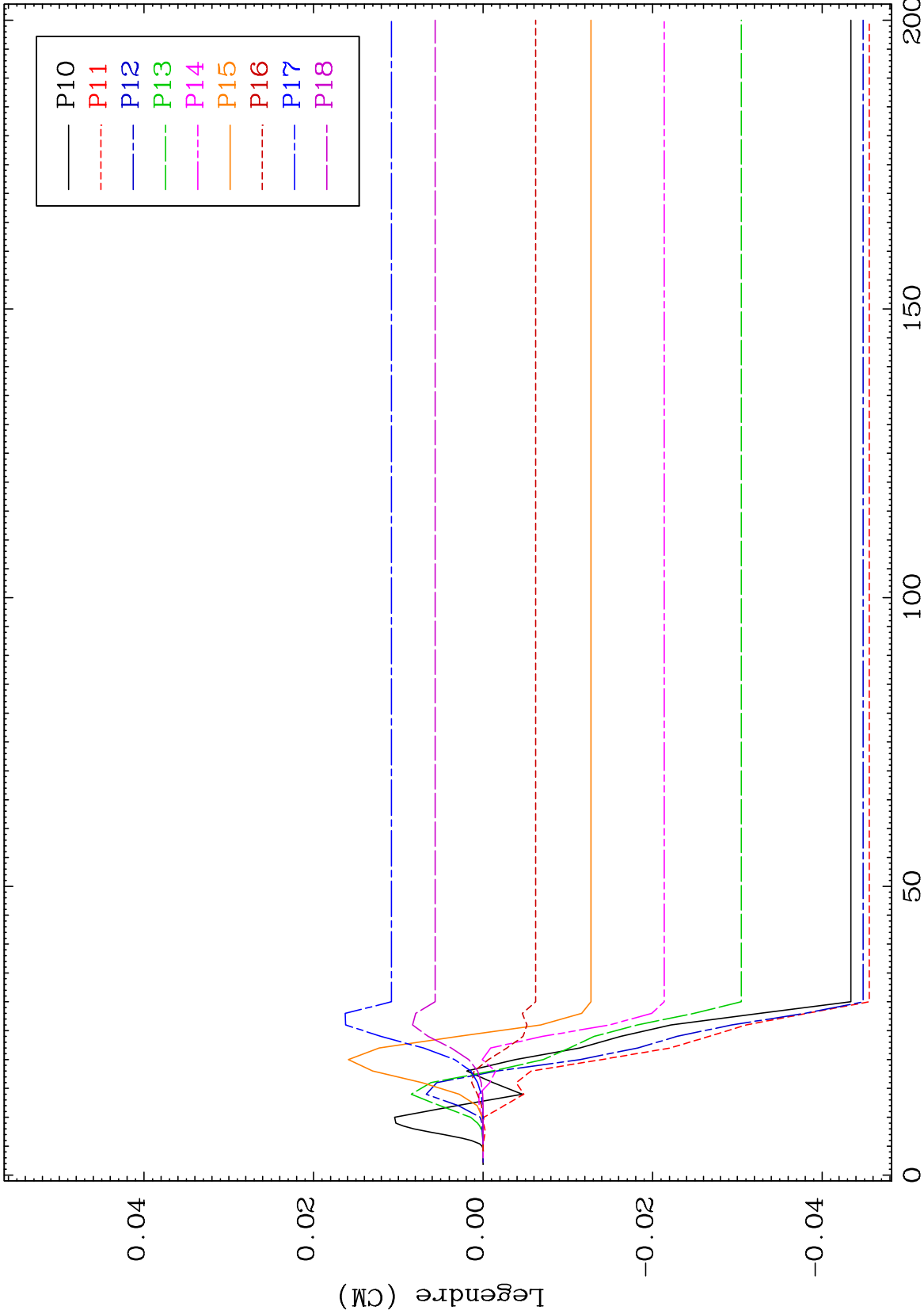
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



81

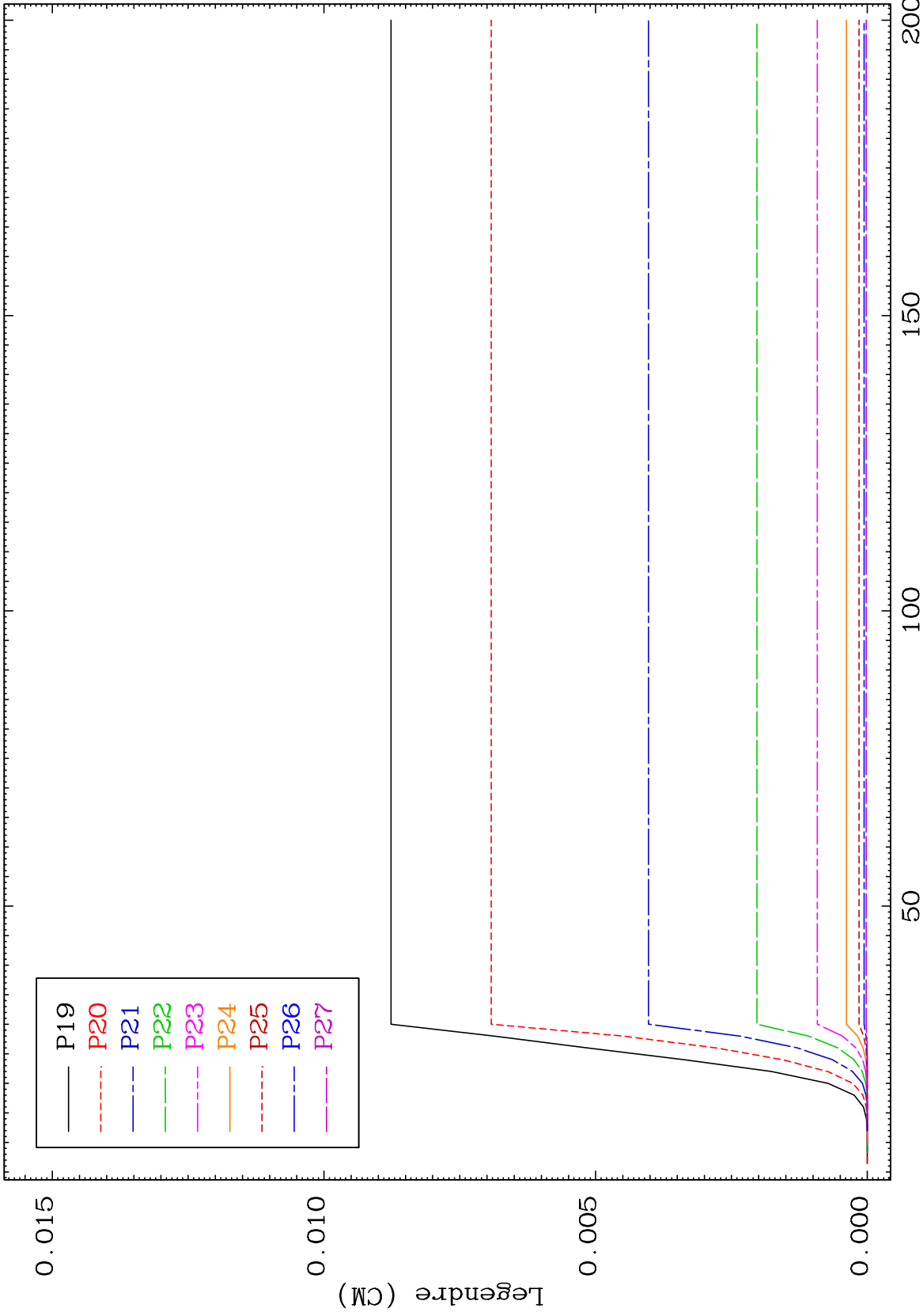
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



82

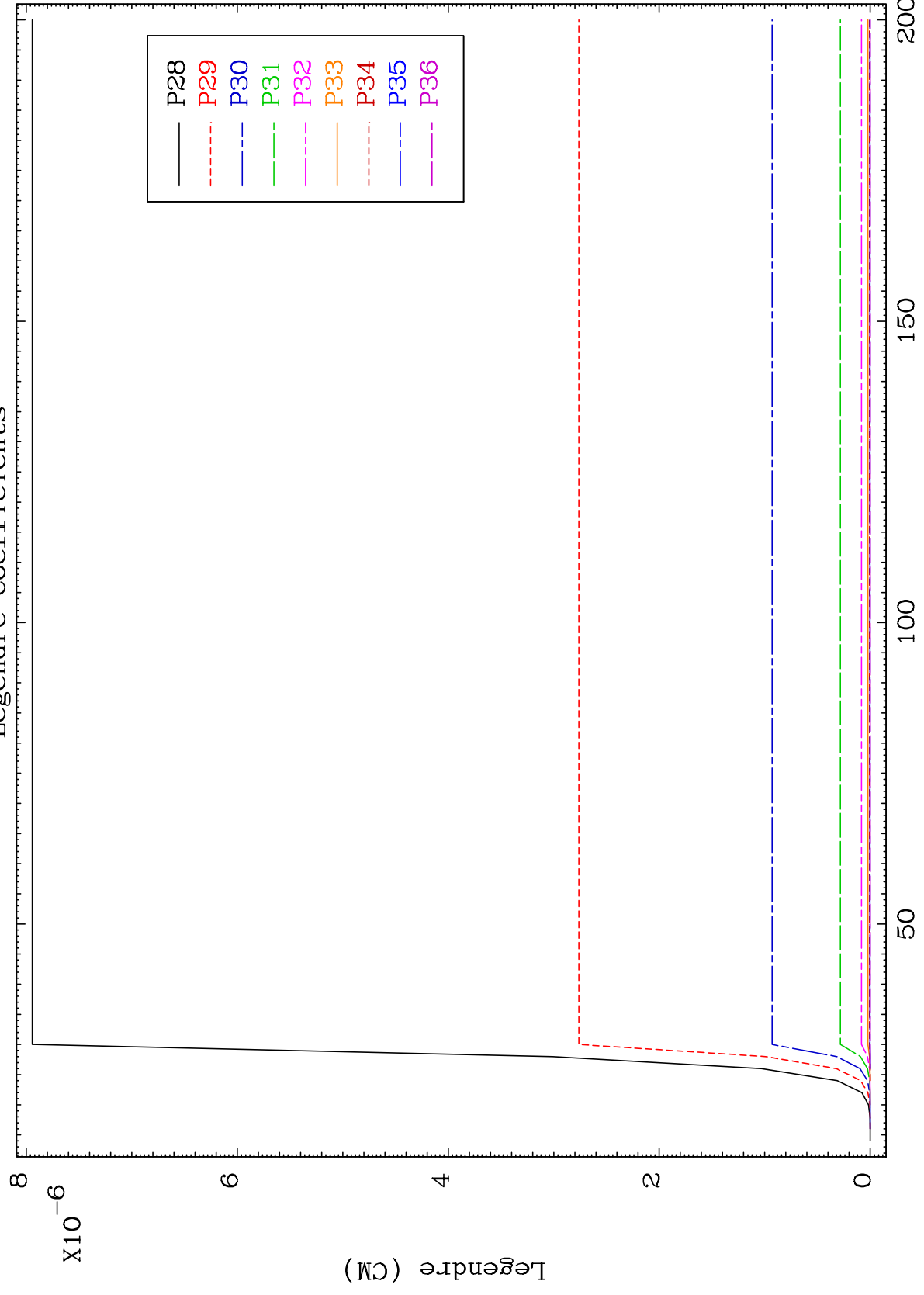
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



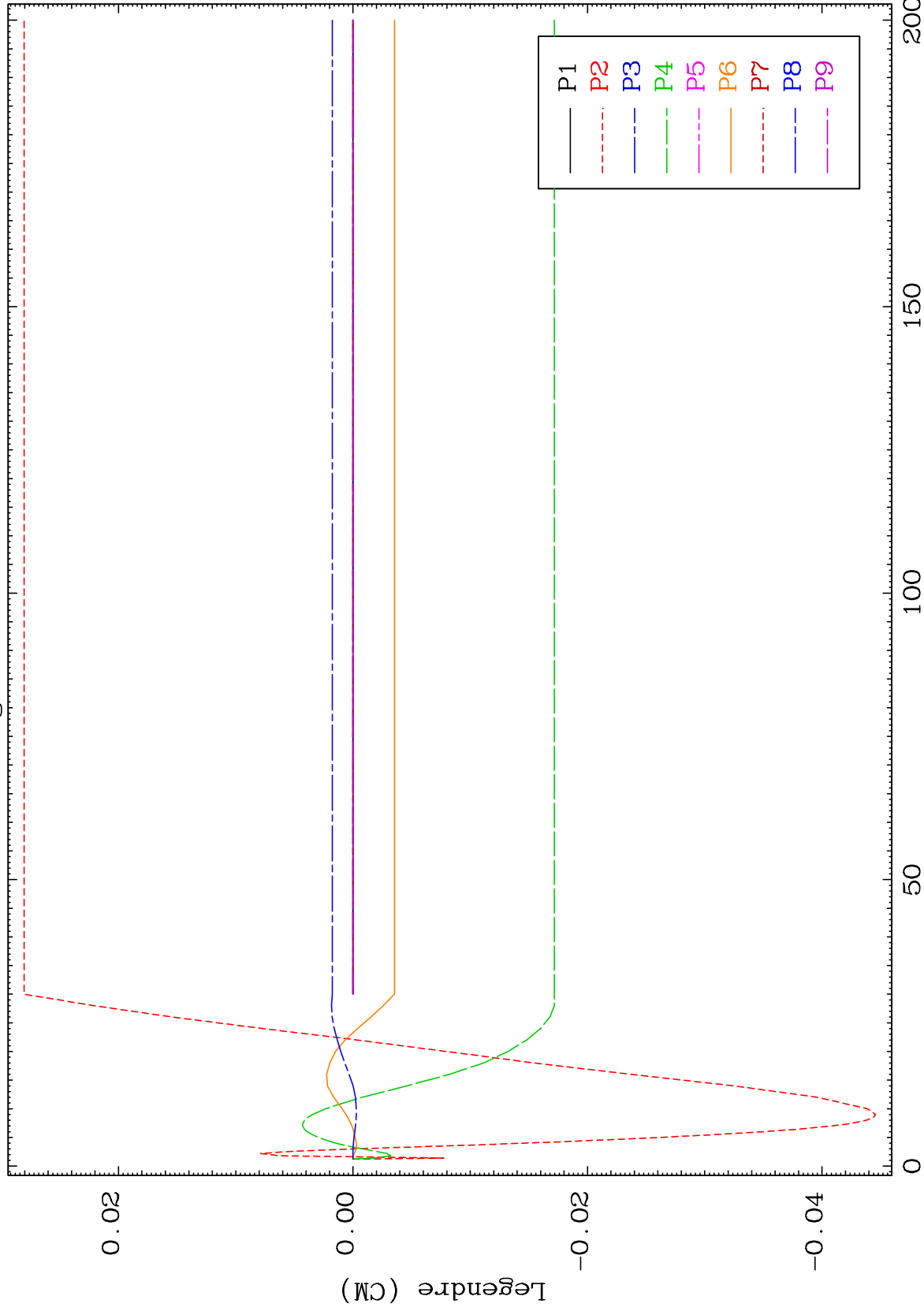
83

63-Eu-144

MAT 6304

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

63-Eu-144



84

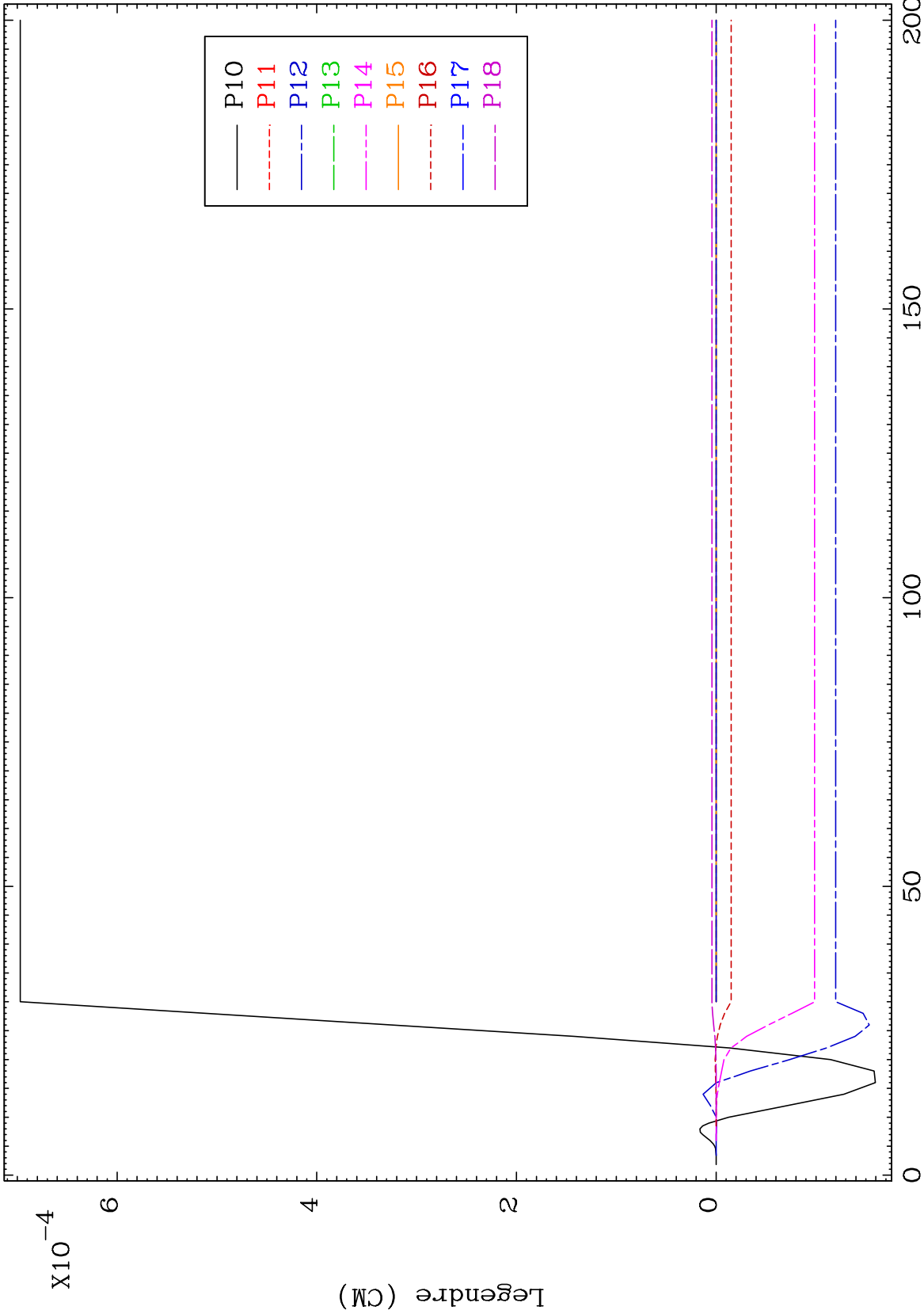
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



85

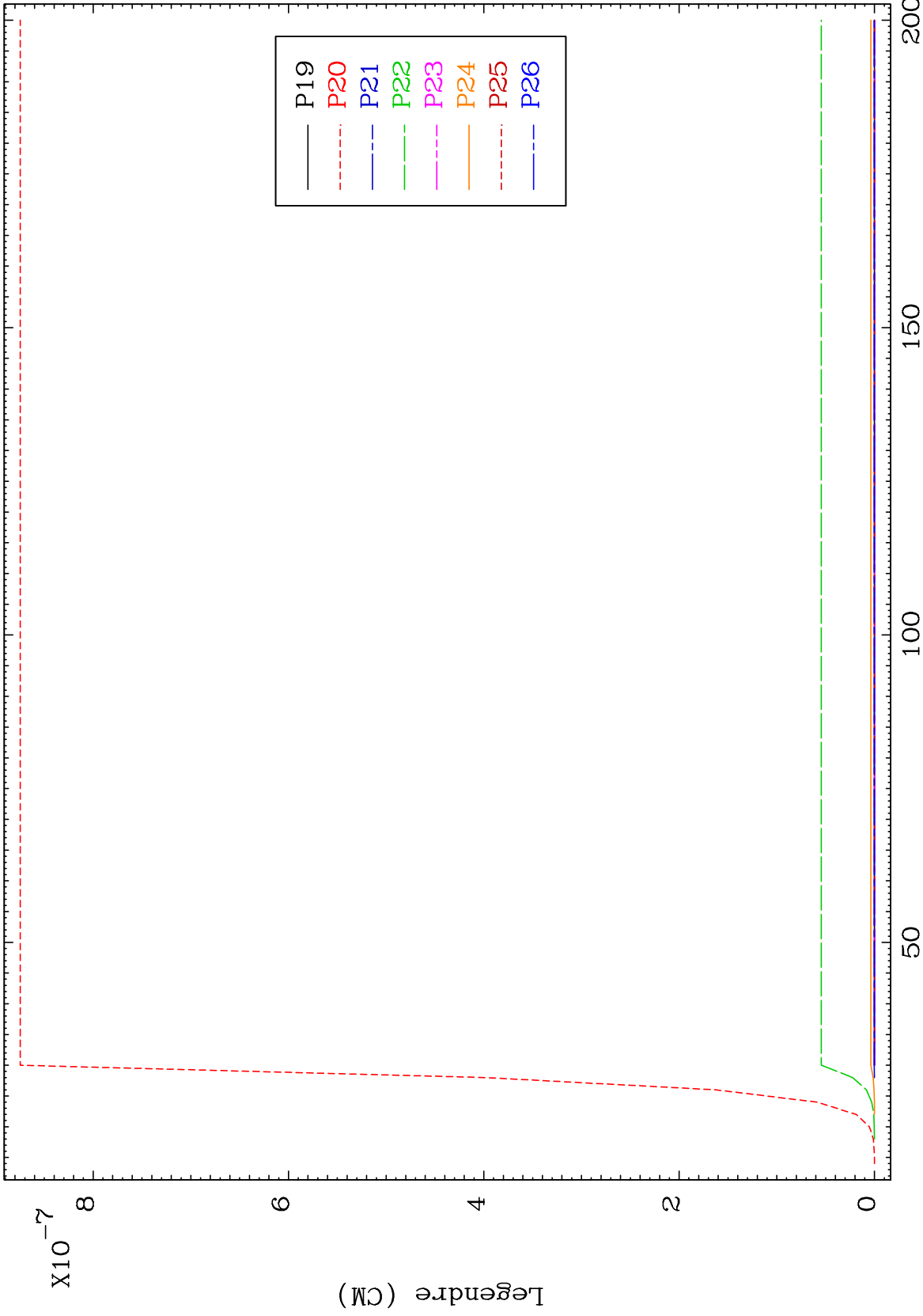
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



86

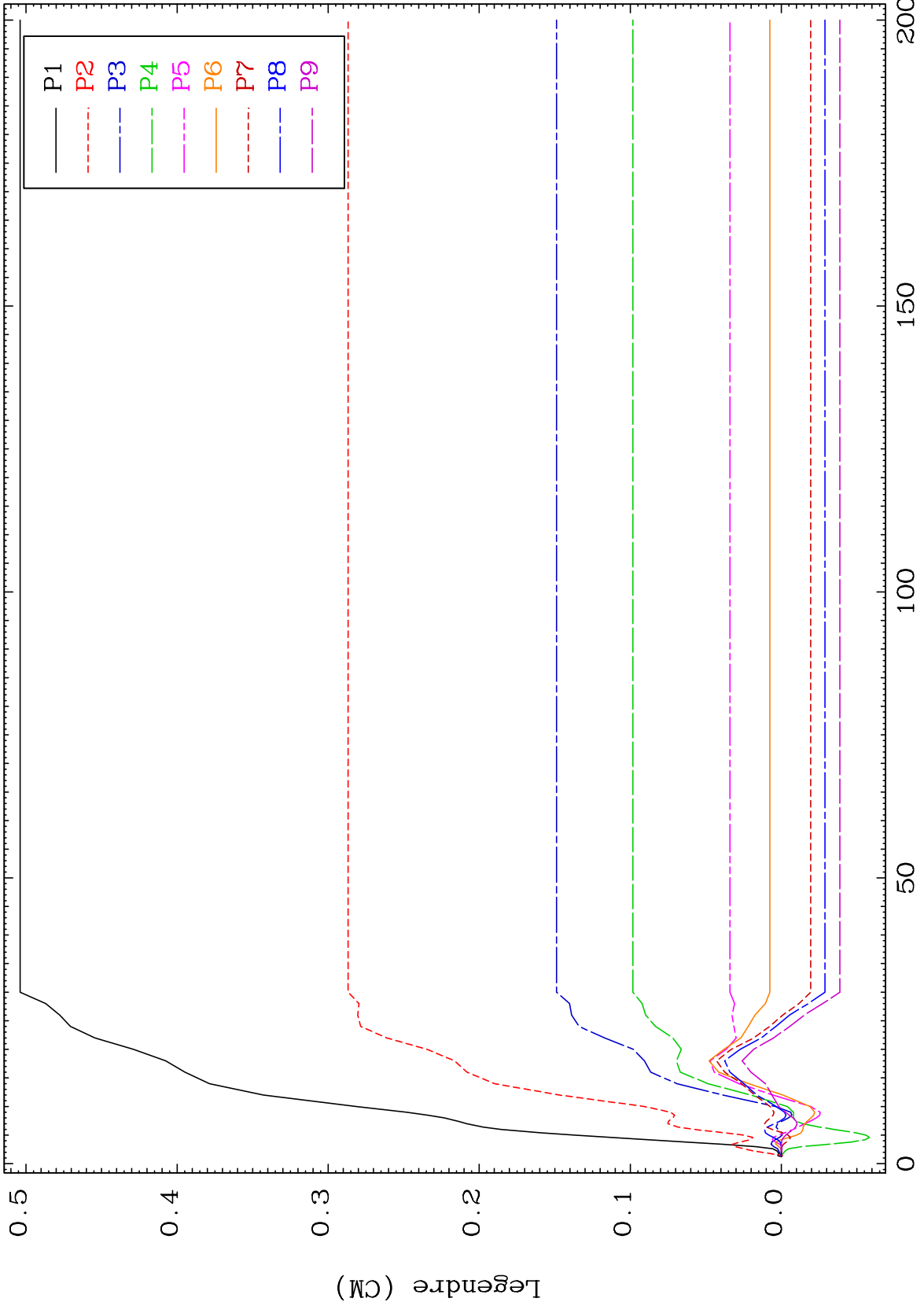
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



87

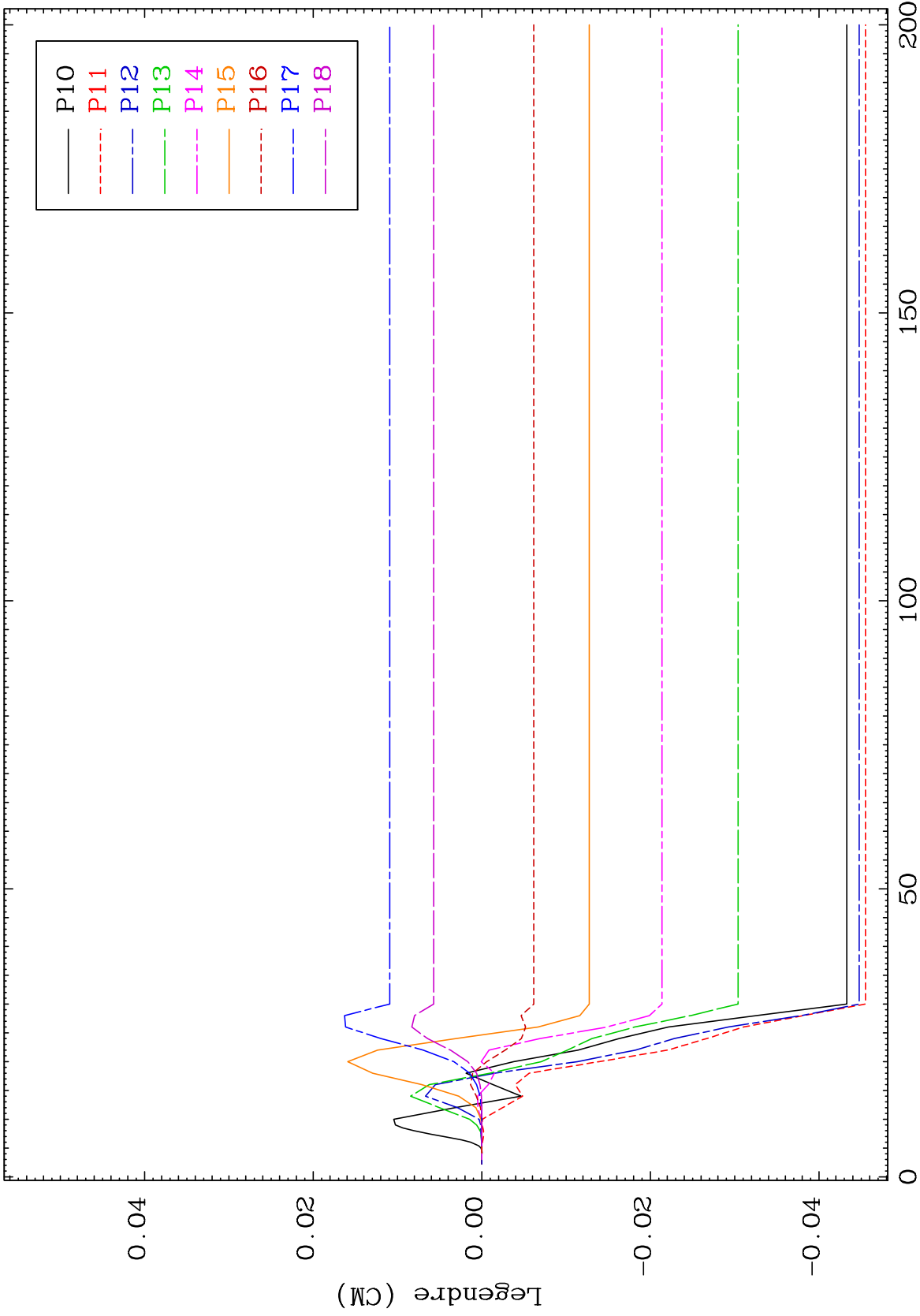
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



88

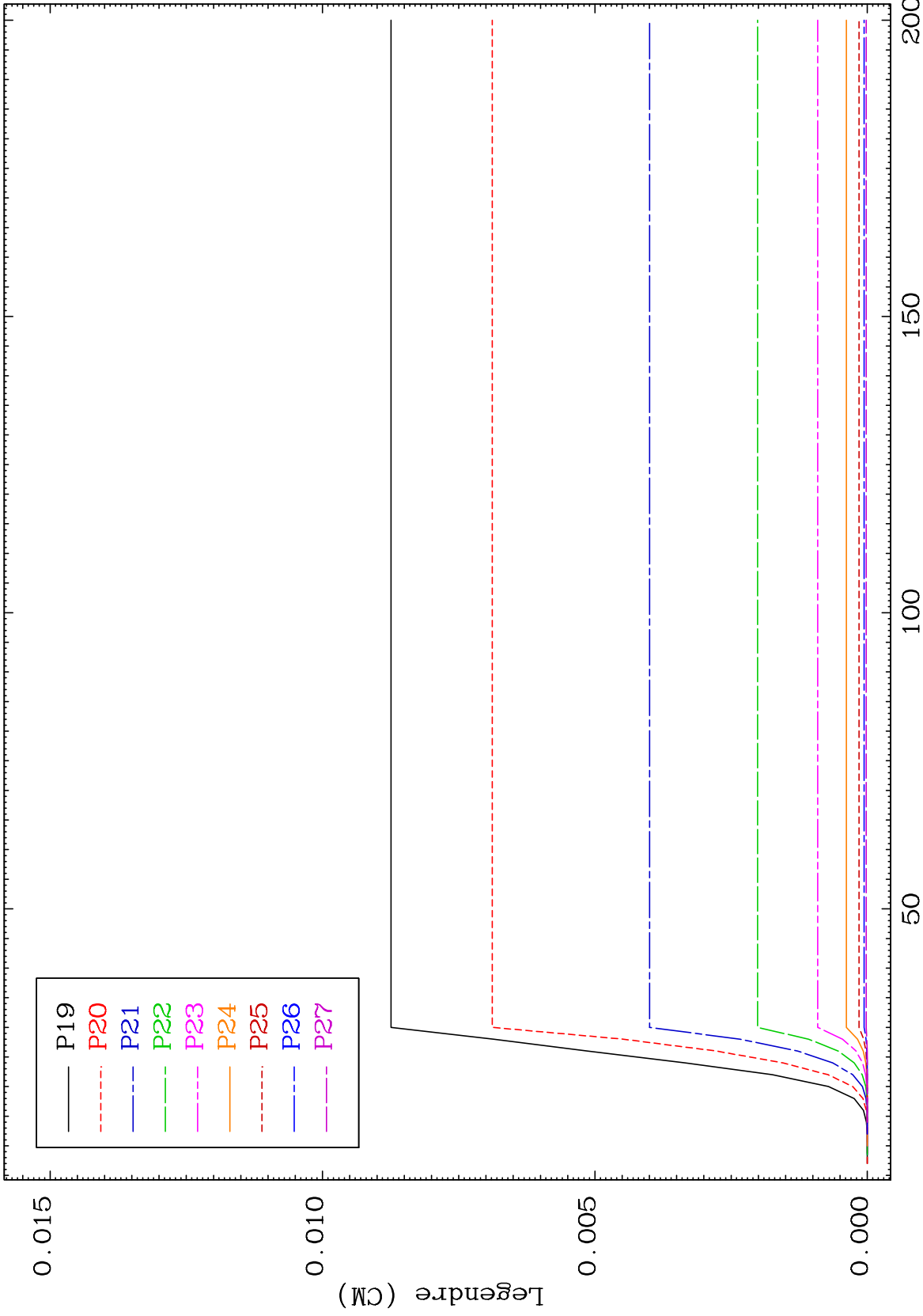
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



89

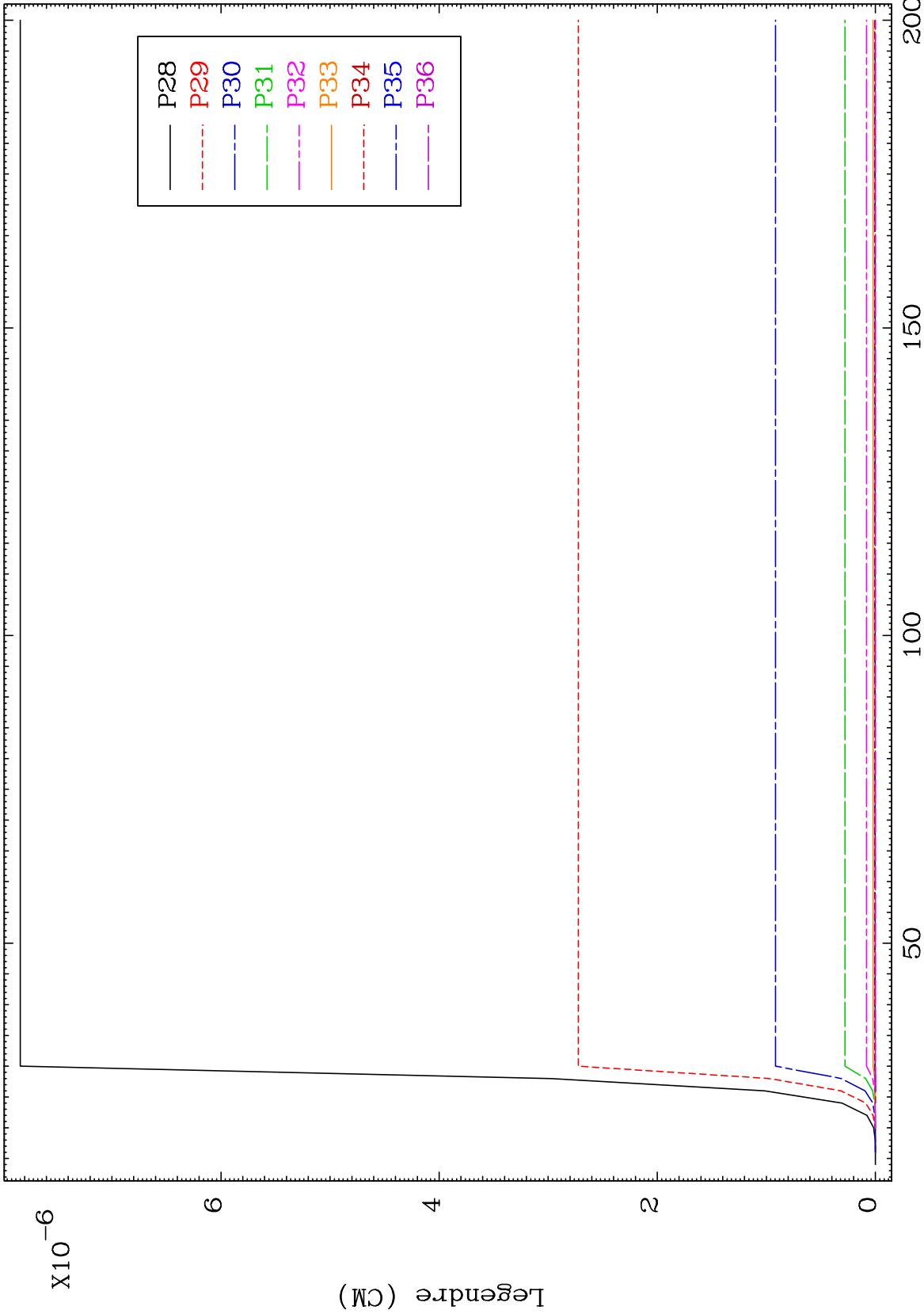
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144

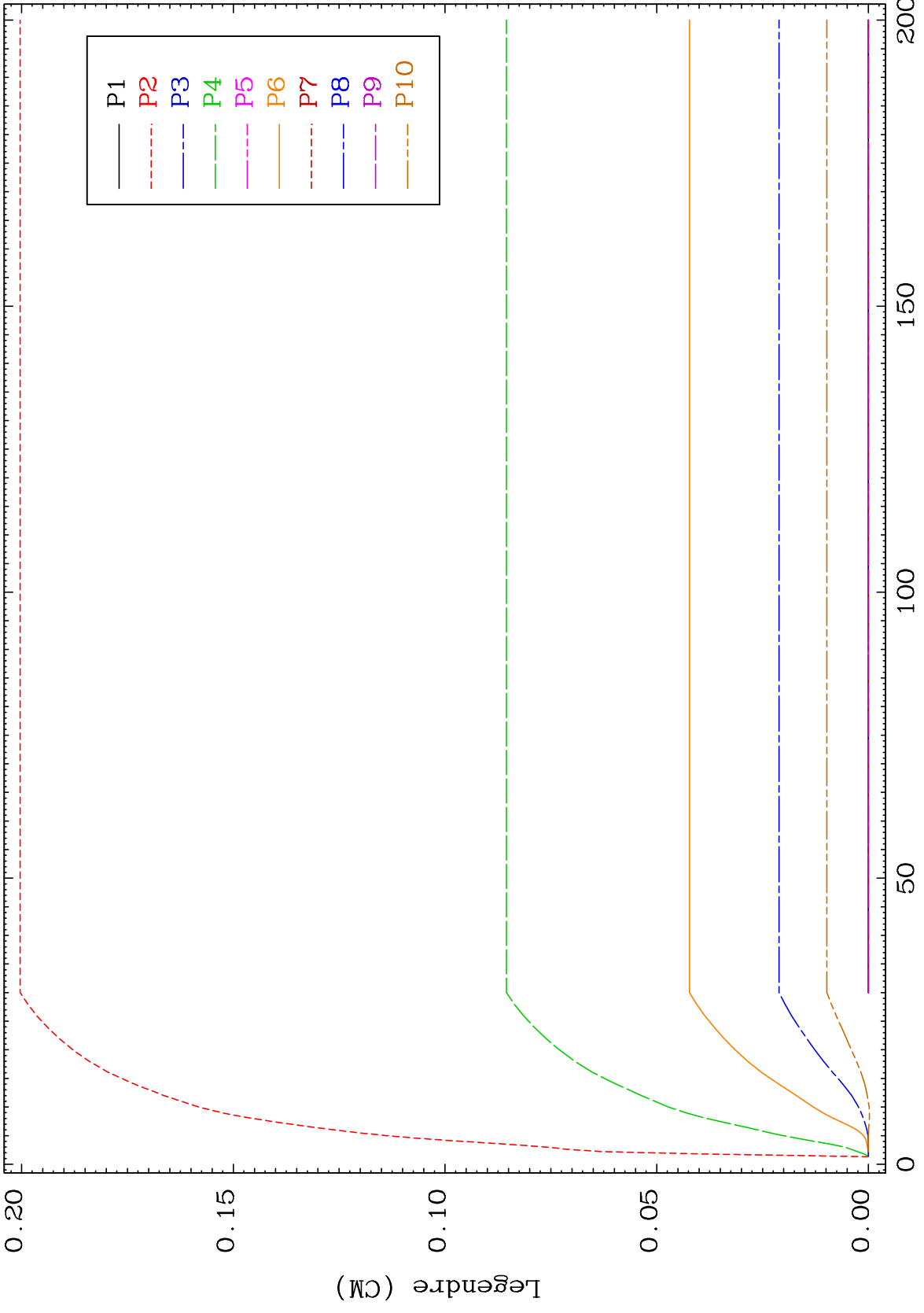


90

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 71 (n,n') Level Legendre Coefficients 63-Eu-144

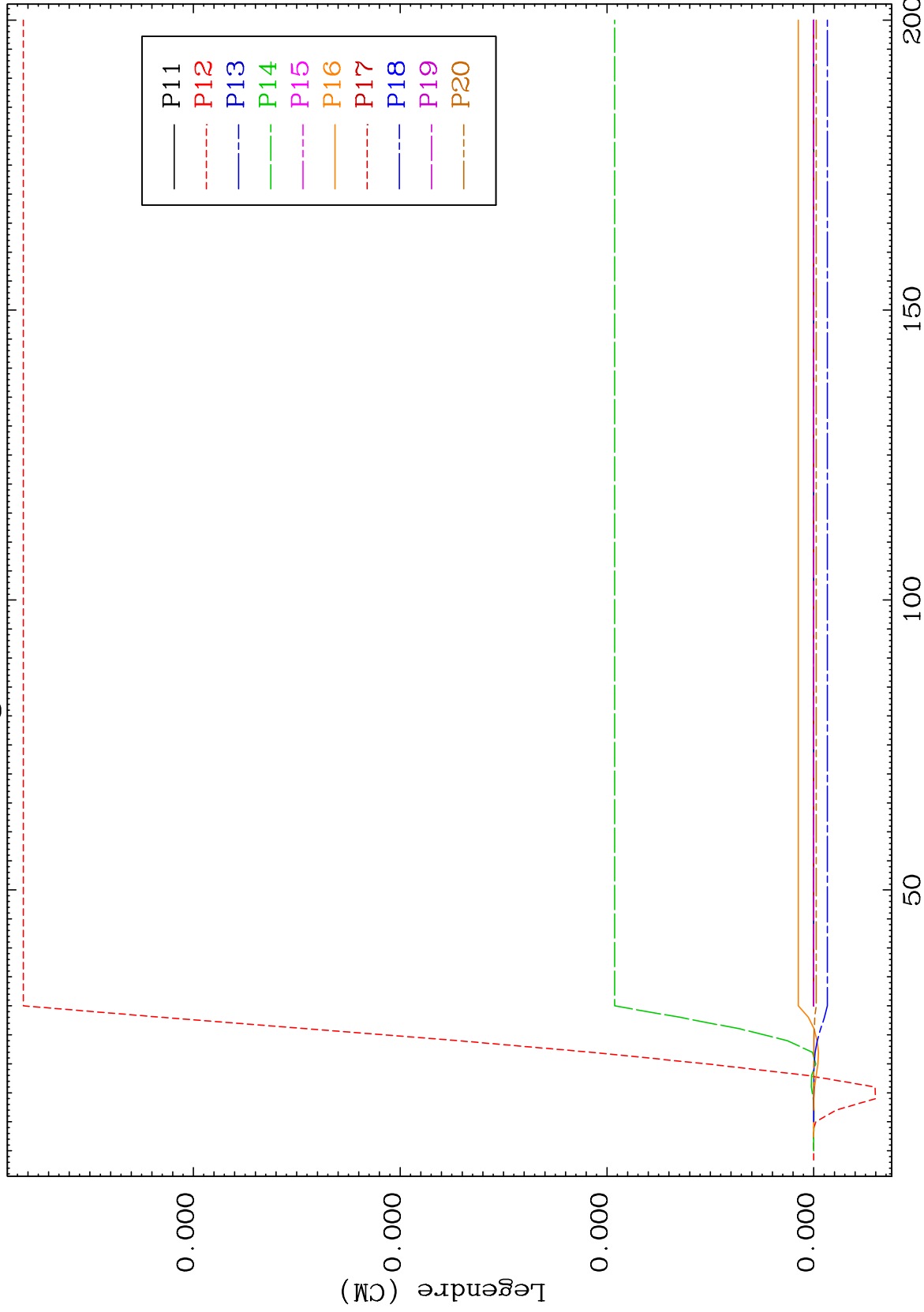


91 63-Eu-144

MAT 6304

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

63-Eu-144



92

Incident Energy (MeV)

63-Eu-144

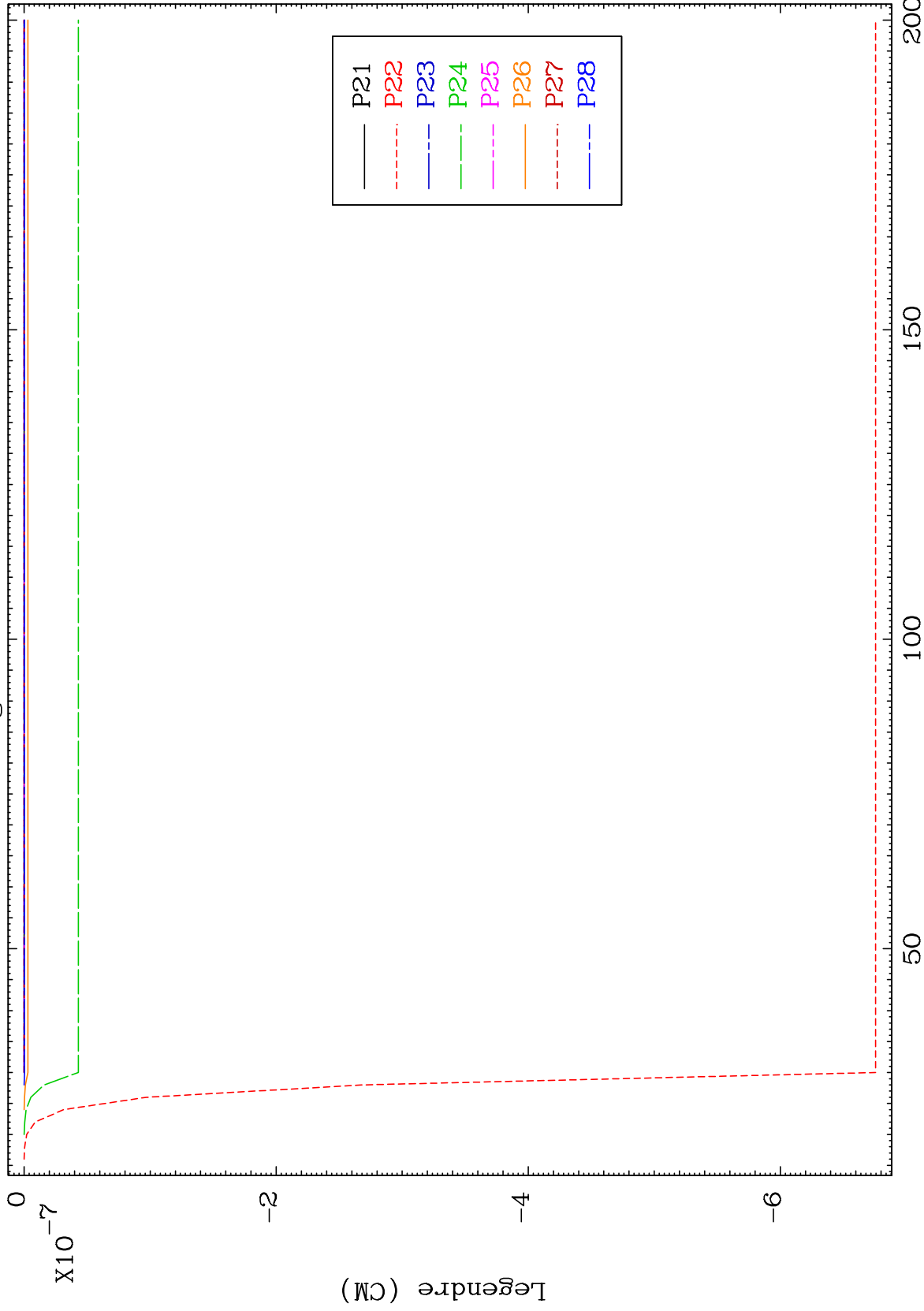
MAT 6304

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

63-Eu-144

Incident Energy (MeV)

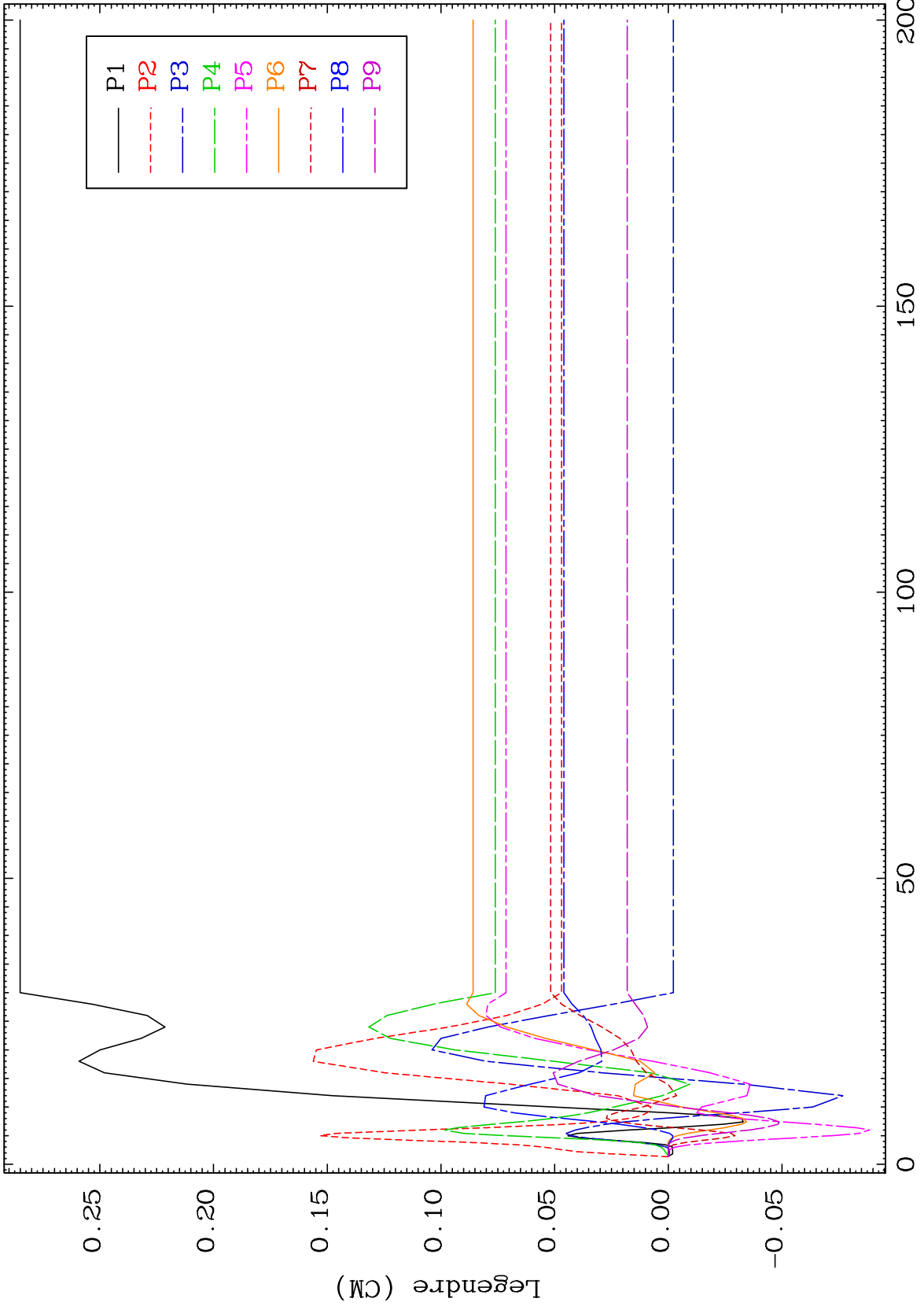
93



MAT 6304

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

63-Eu-144



94

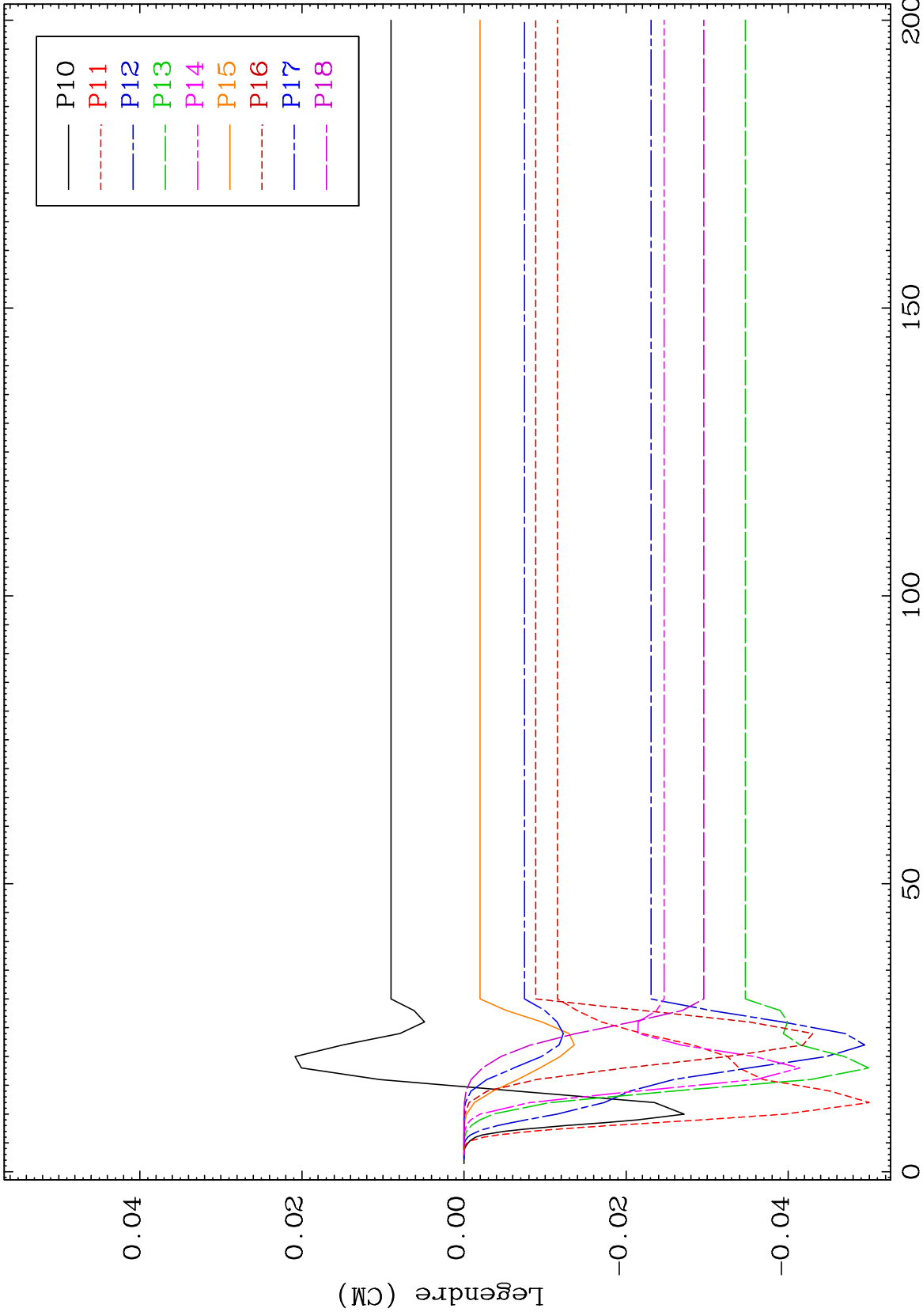
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

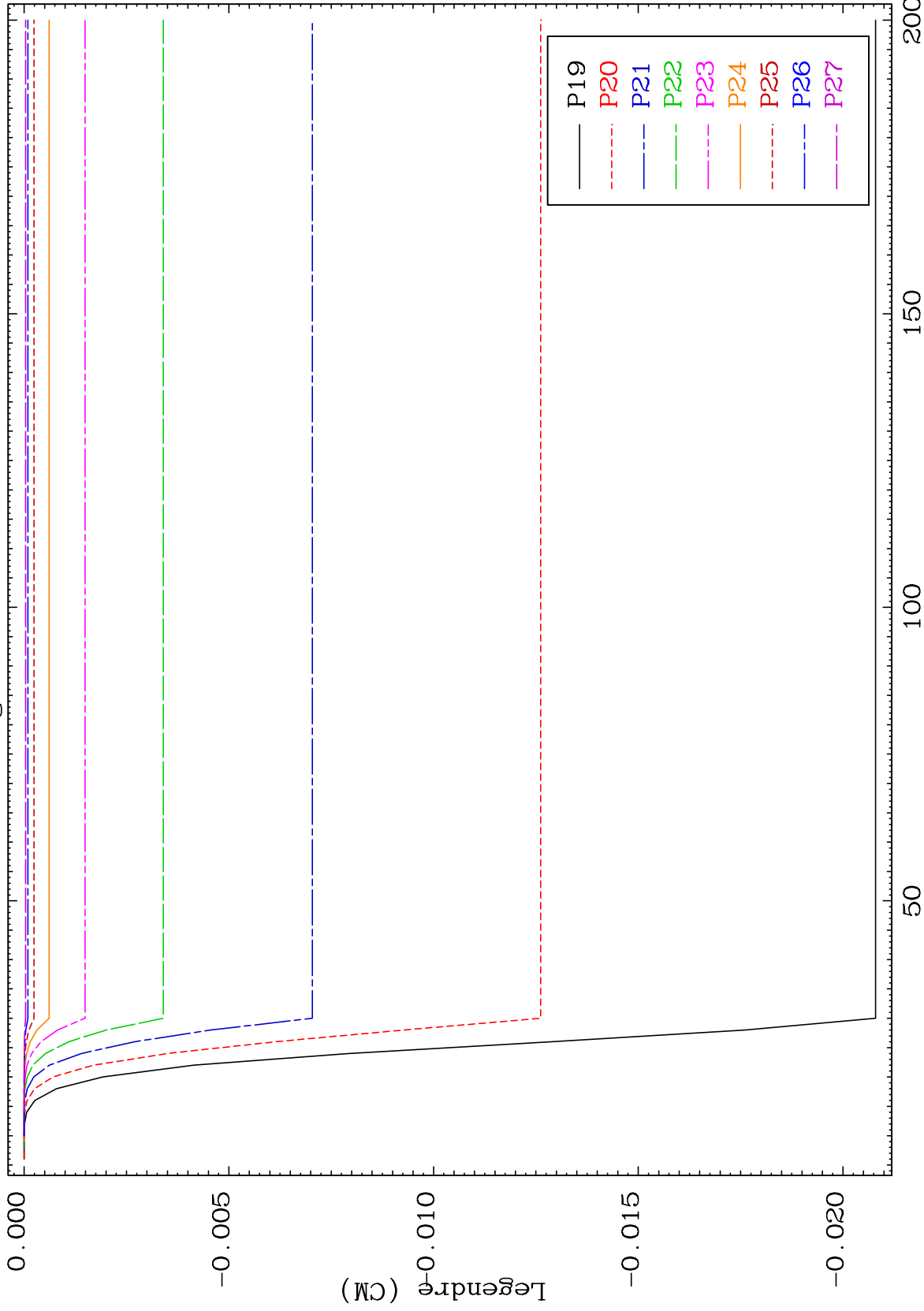
63-Eu-144



95

Incident Energy (MeV)

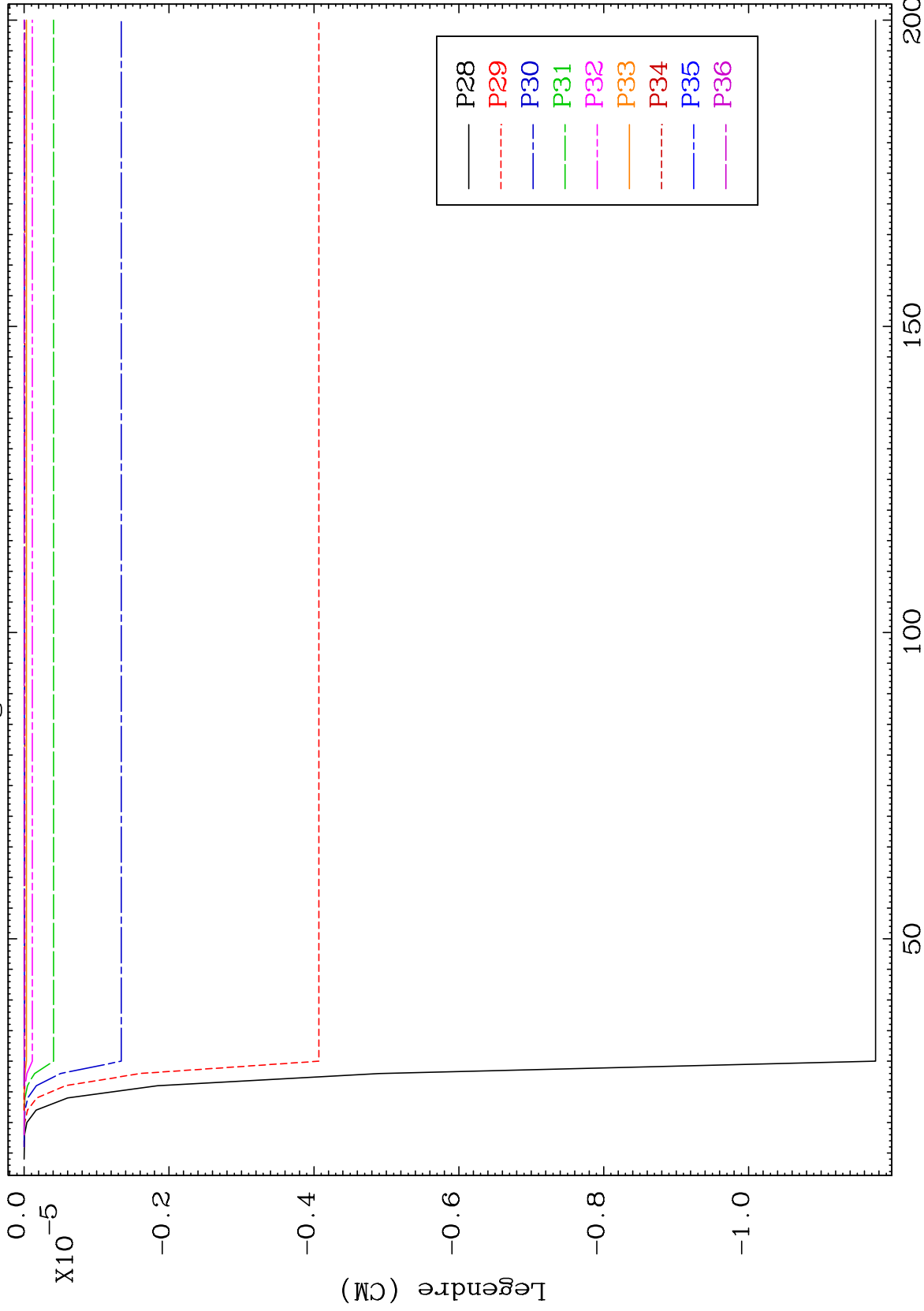
63-Eu-144



MAT 6304

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

63-Eu-144



97

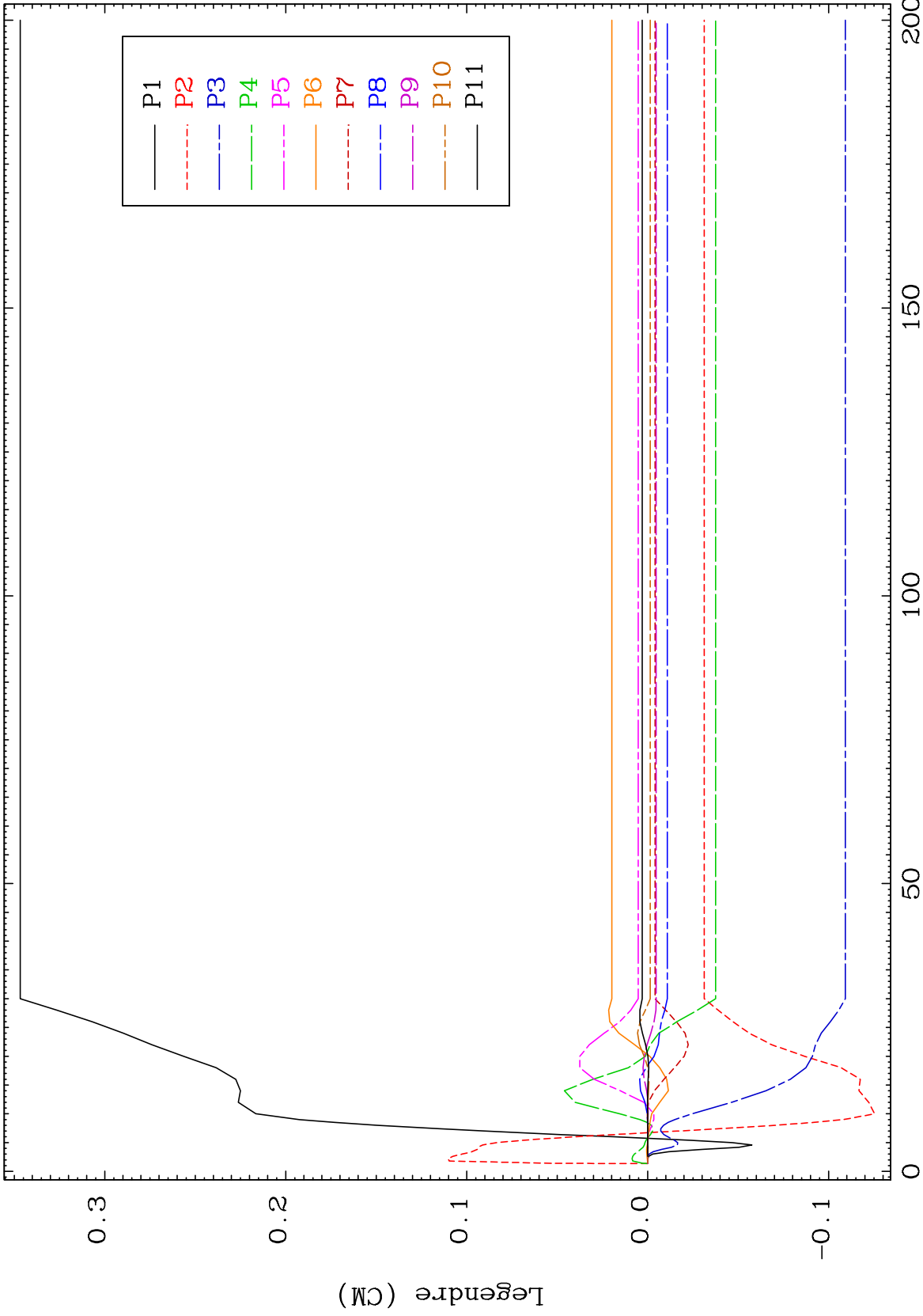
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



98

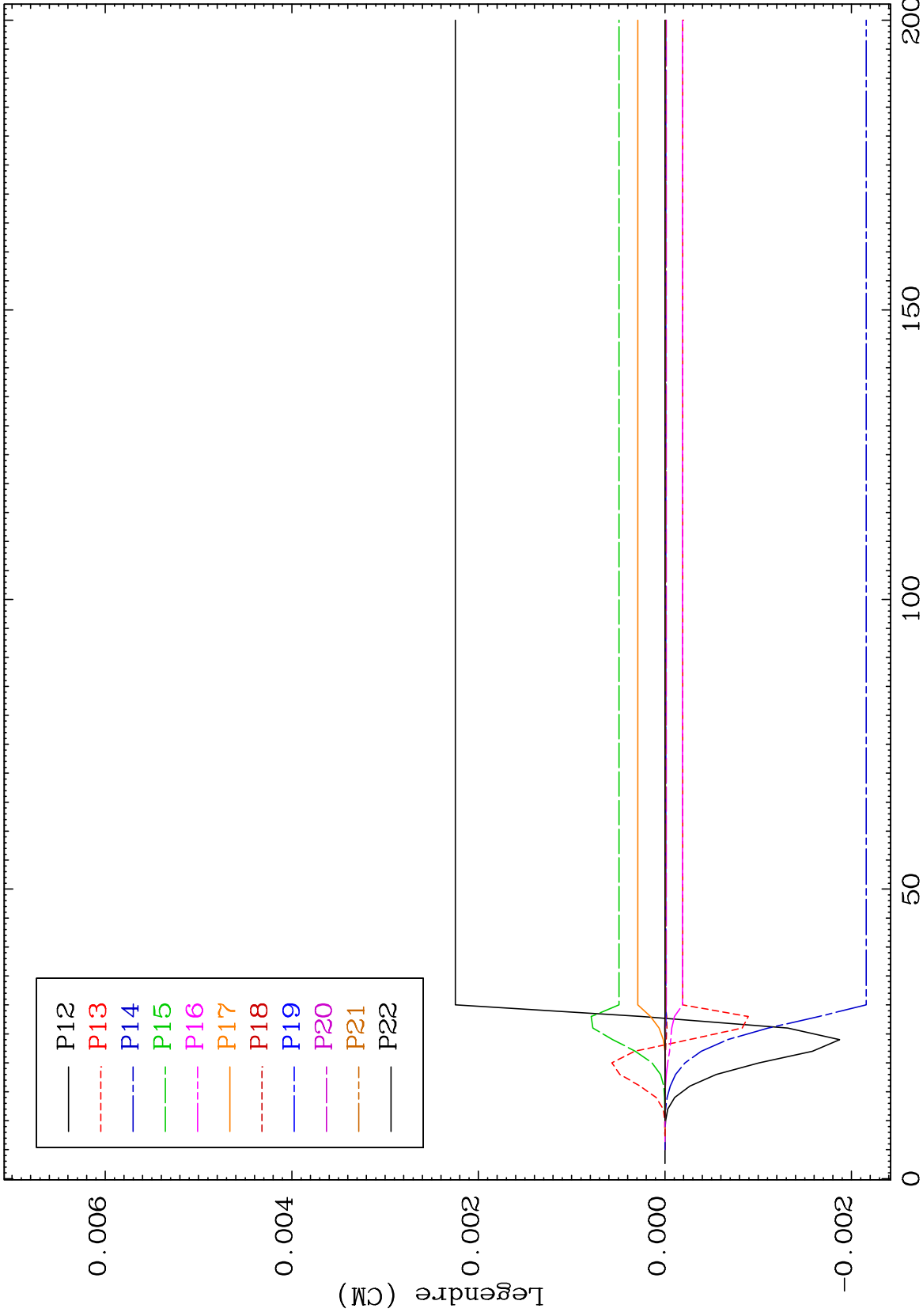
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



99

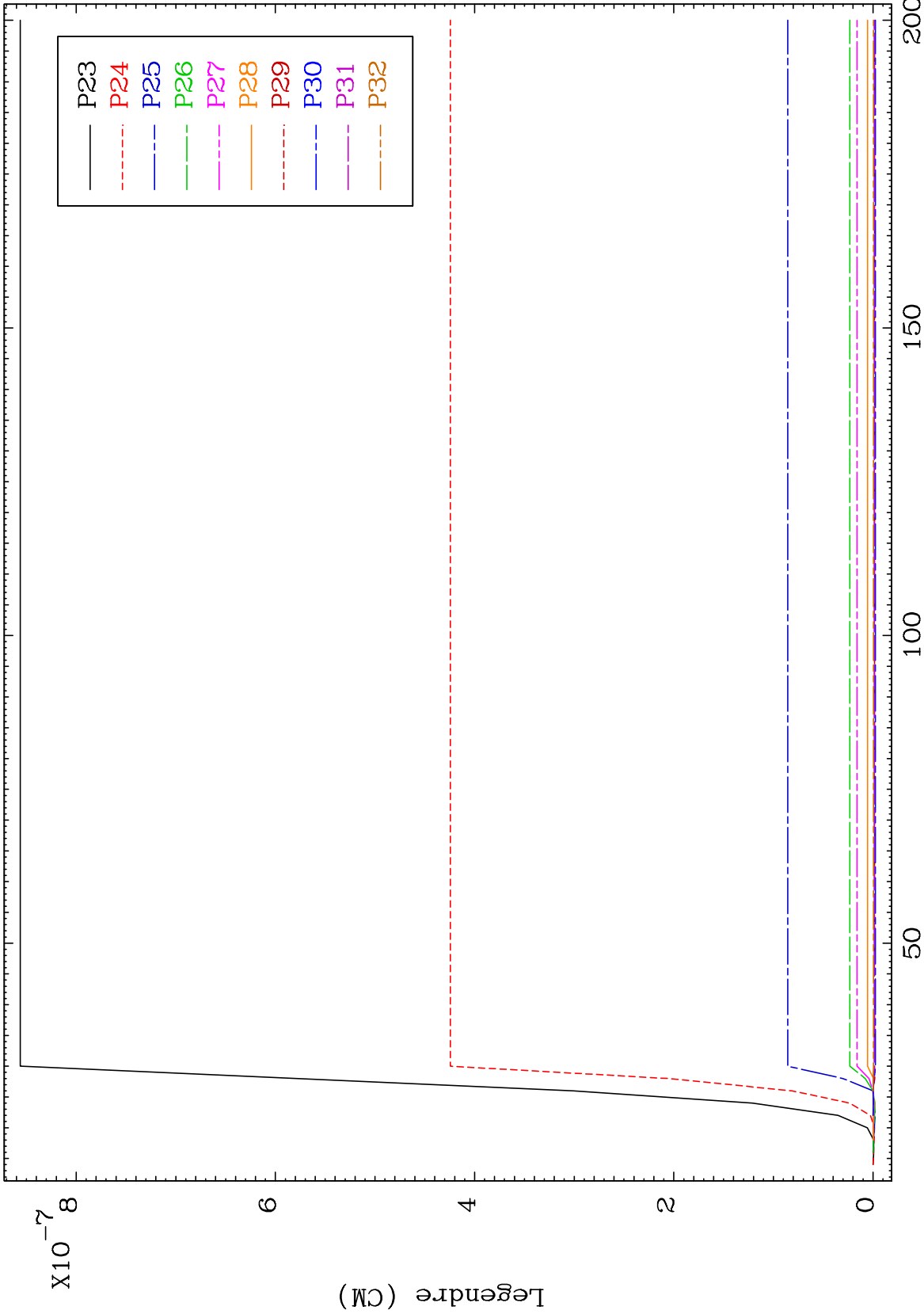
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



100

50

100

150

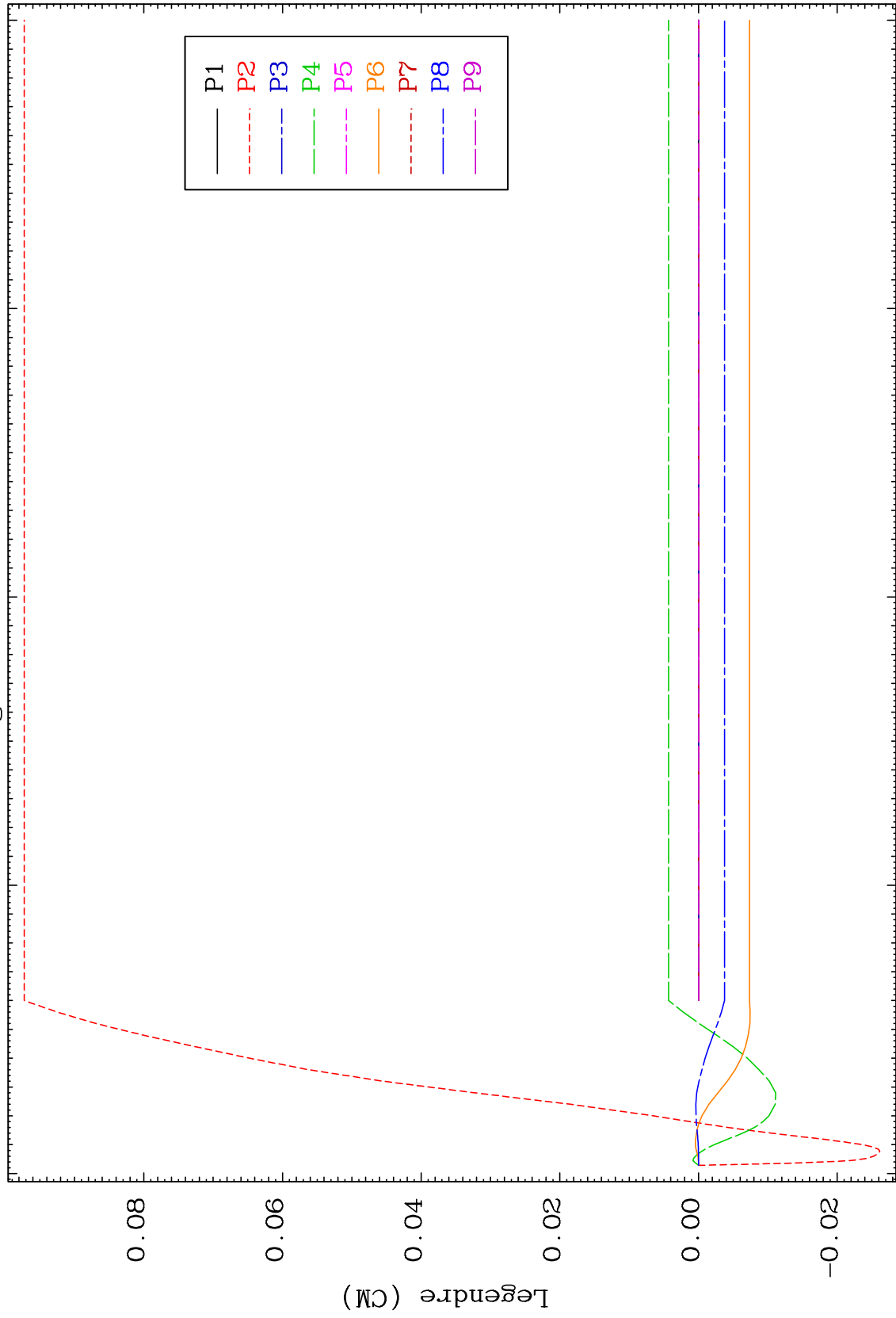
200

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

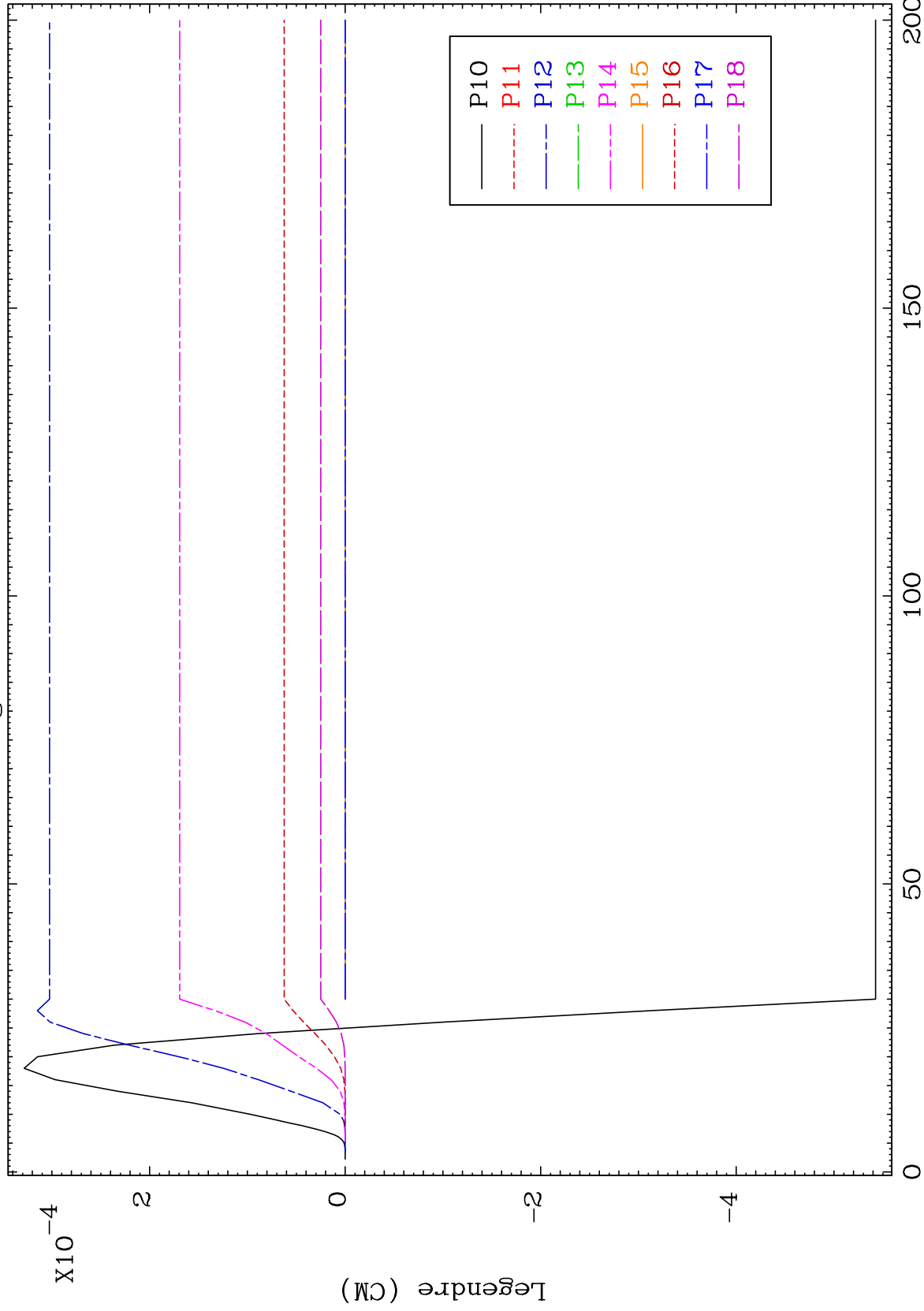
Incident Energy (MeV)

101

MAT 6304

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

63-Eu-144

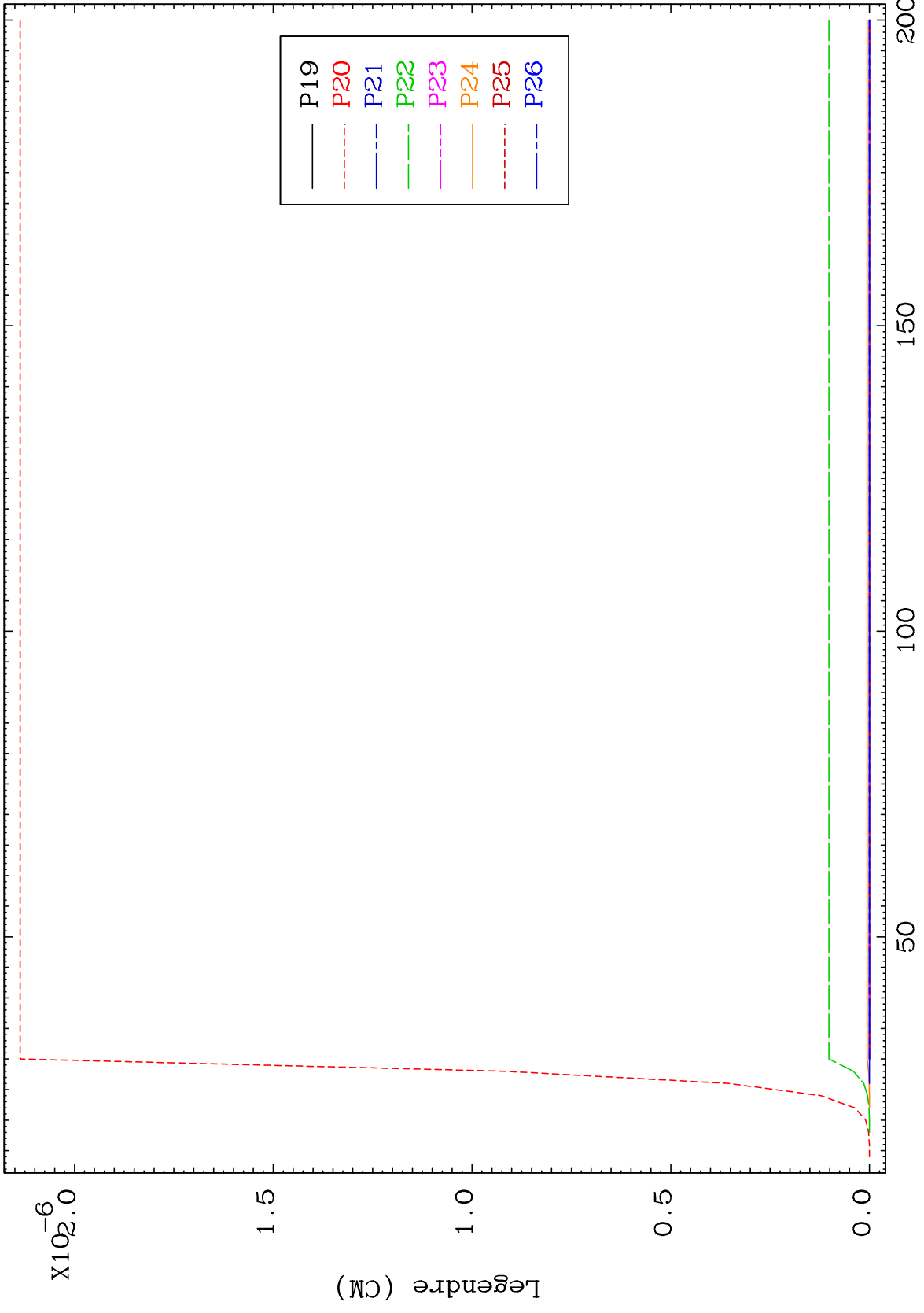


102

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 74 (n,n') Level Legendre Coefficients 63-Eu-144

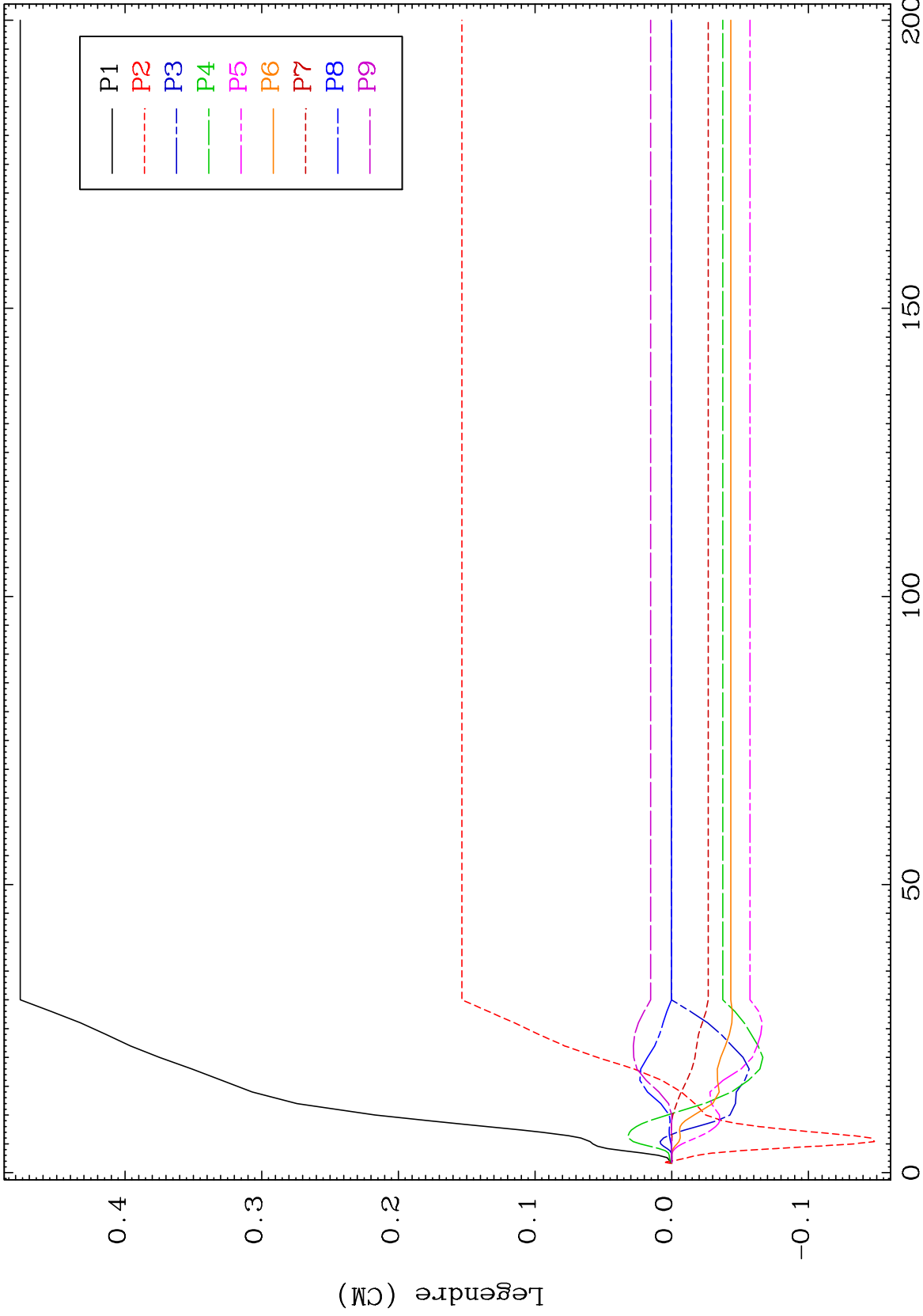


103 Incident Energy (MeV) 63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

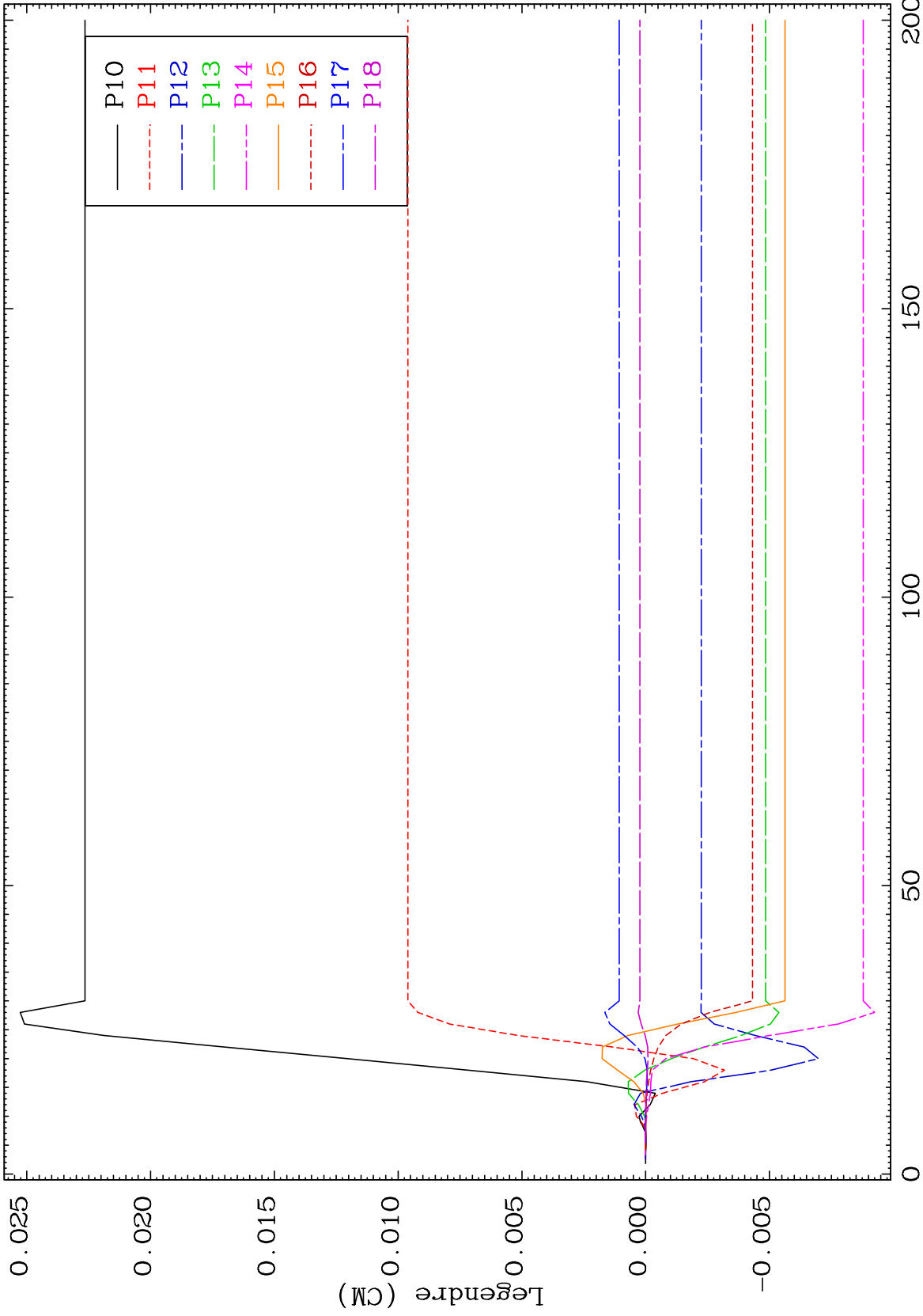
Incident Energy (MeV)

104

MAT 6304

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

63-Eu-144



105

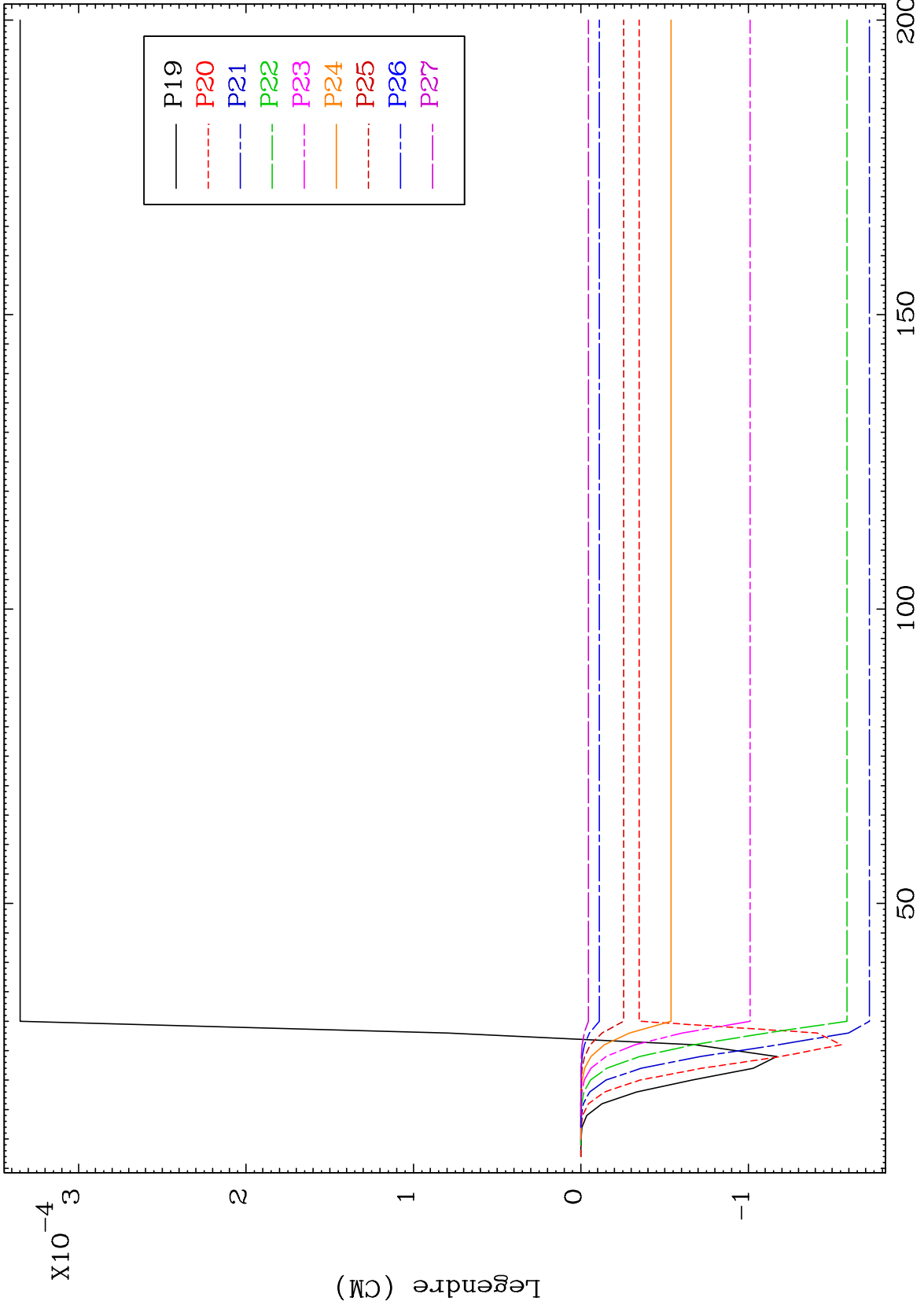
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



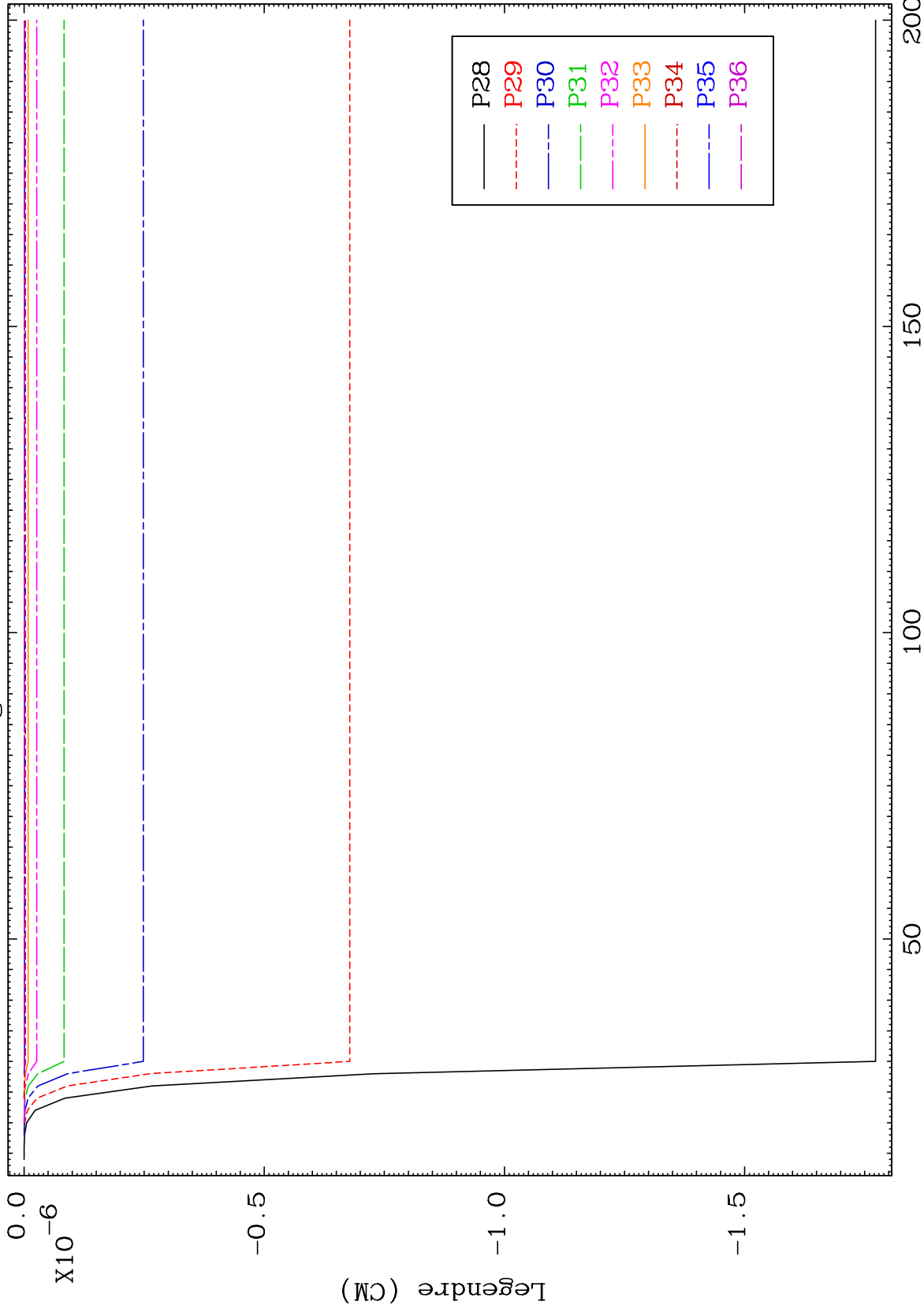
106

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

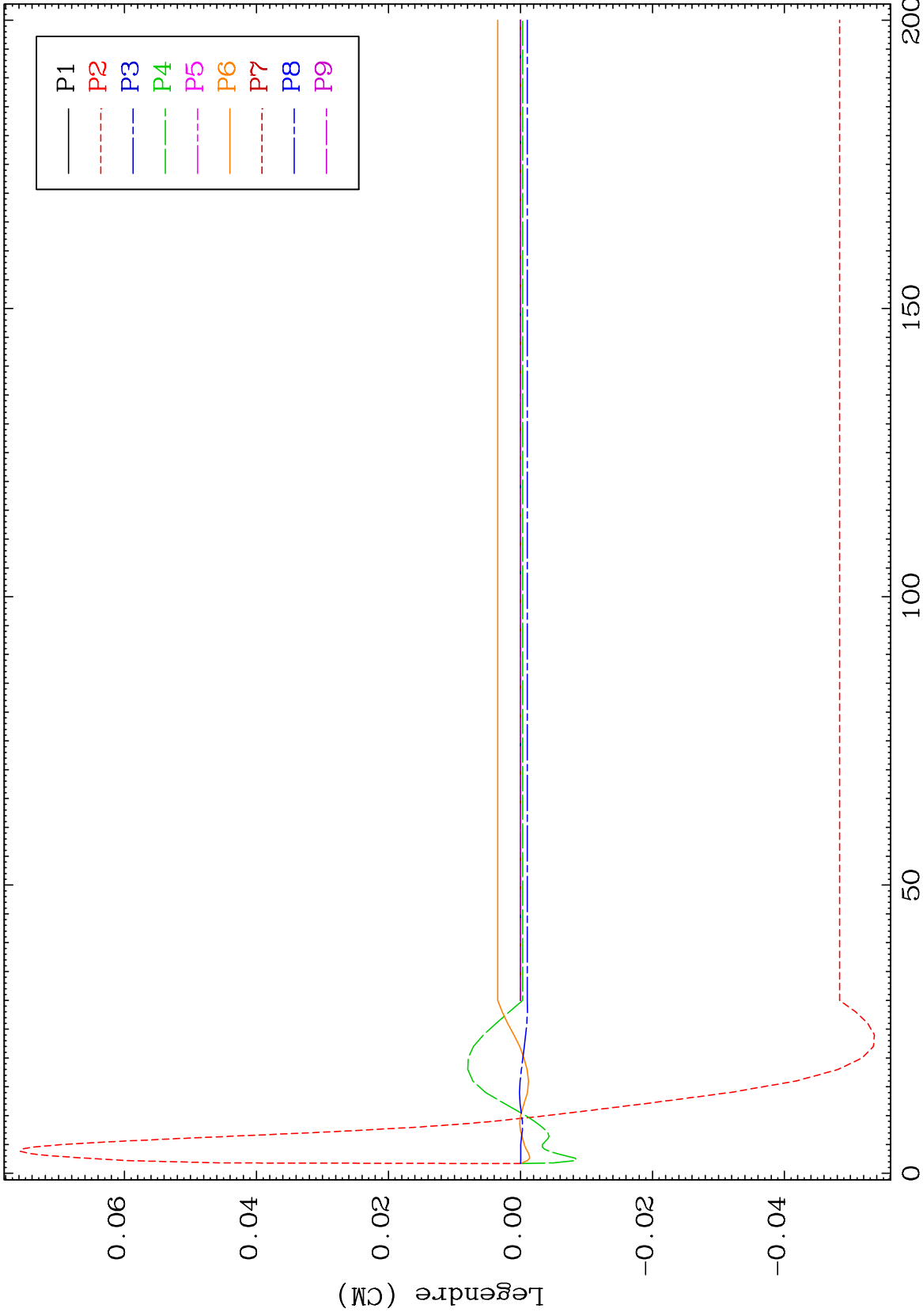
Incident Energy (MeV)

107

MAT 6304

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

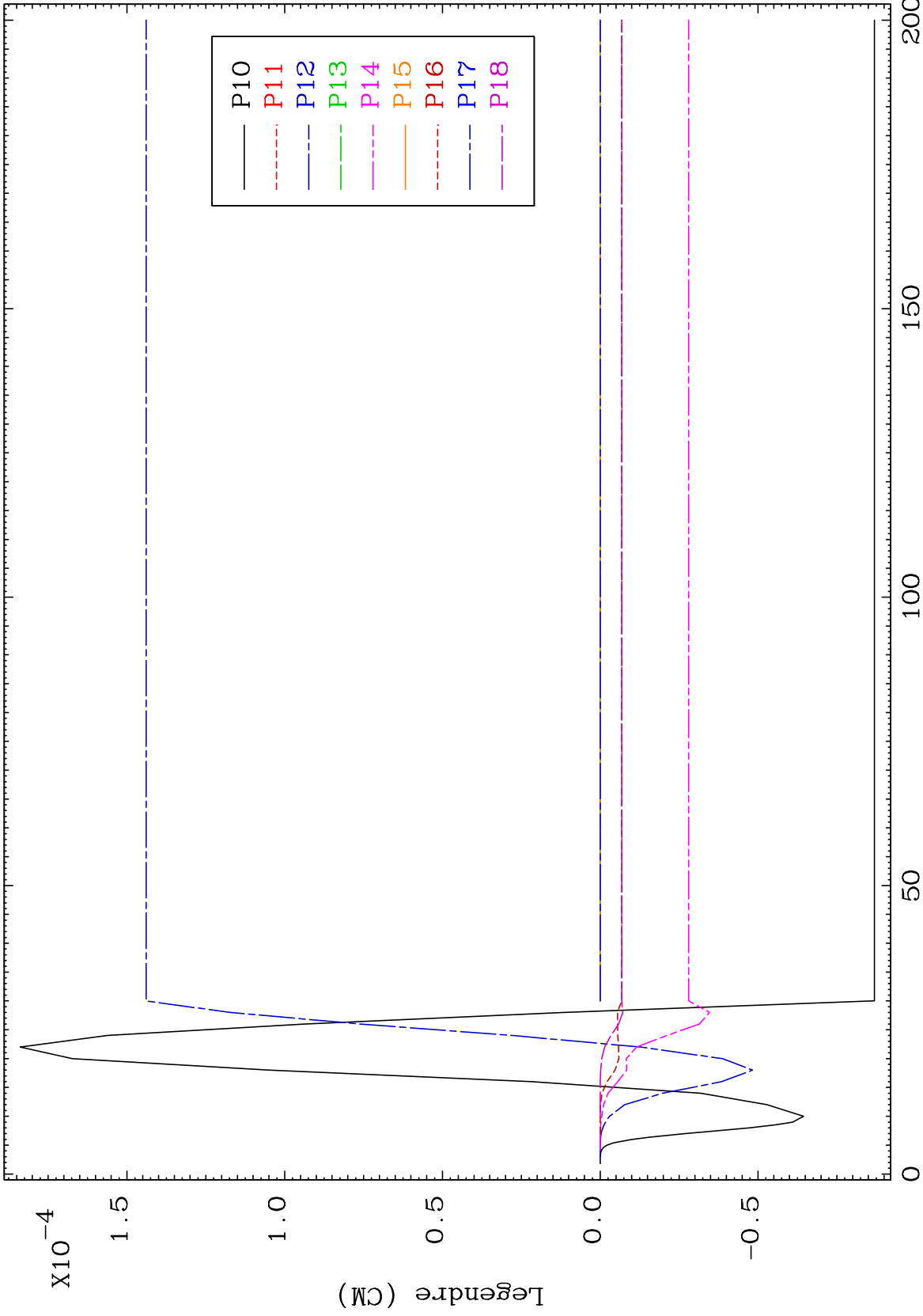
63-Eu-144



108

Incident Energy (MeV)

63-Eu-144



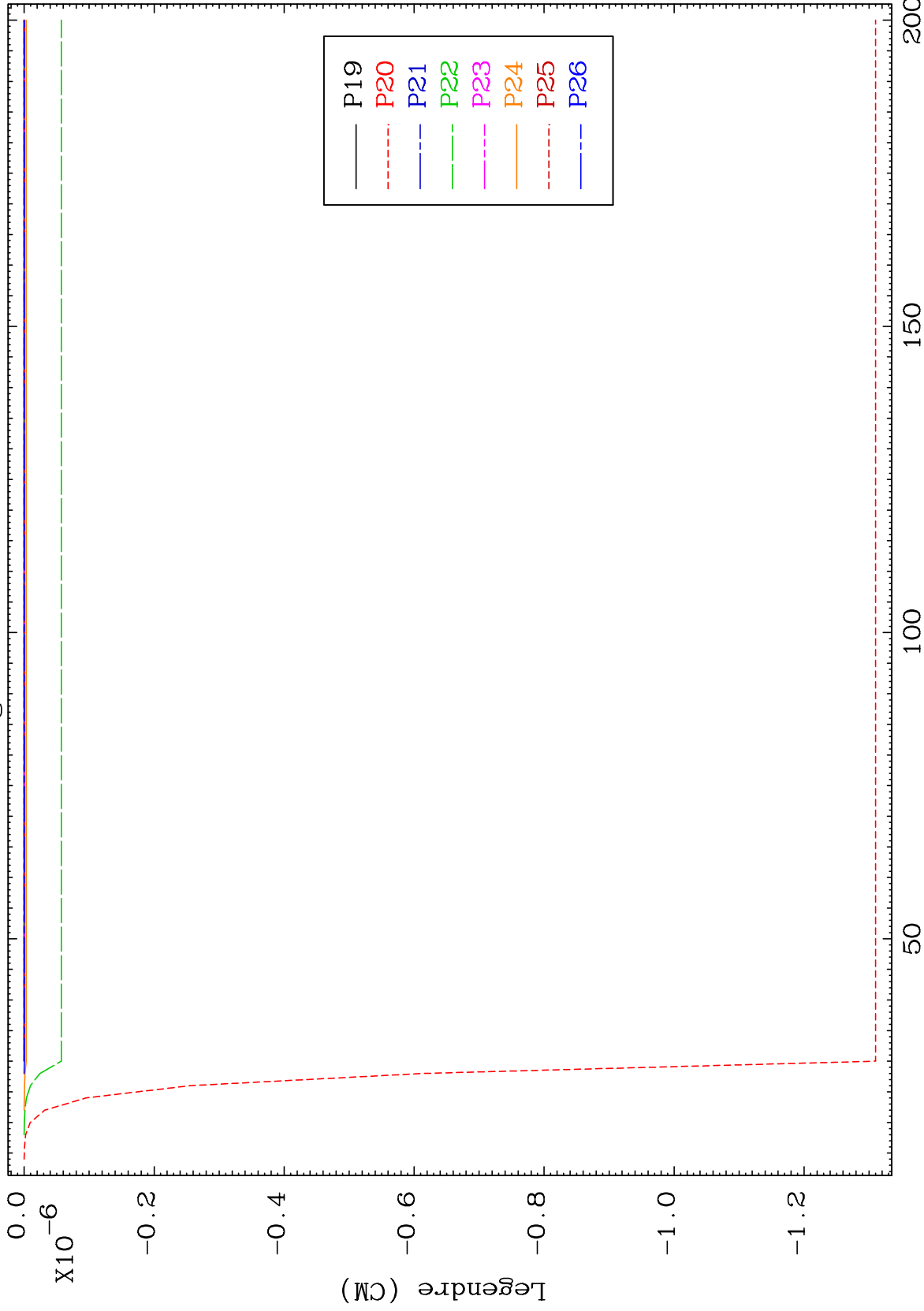
MAT 6304

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

63-Eu-144

Incident Energy (MeV)

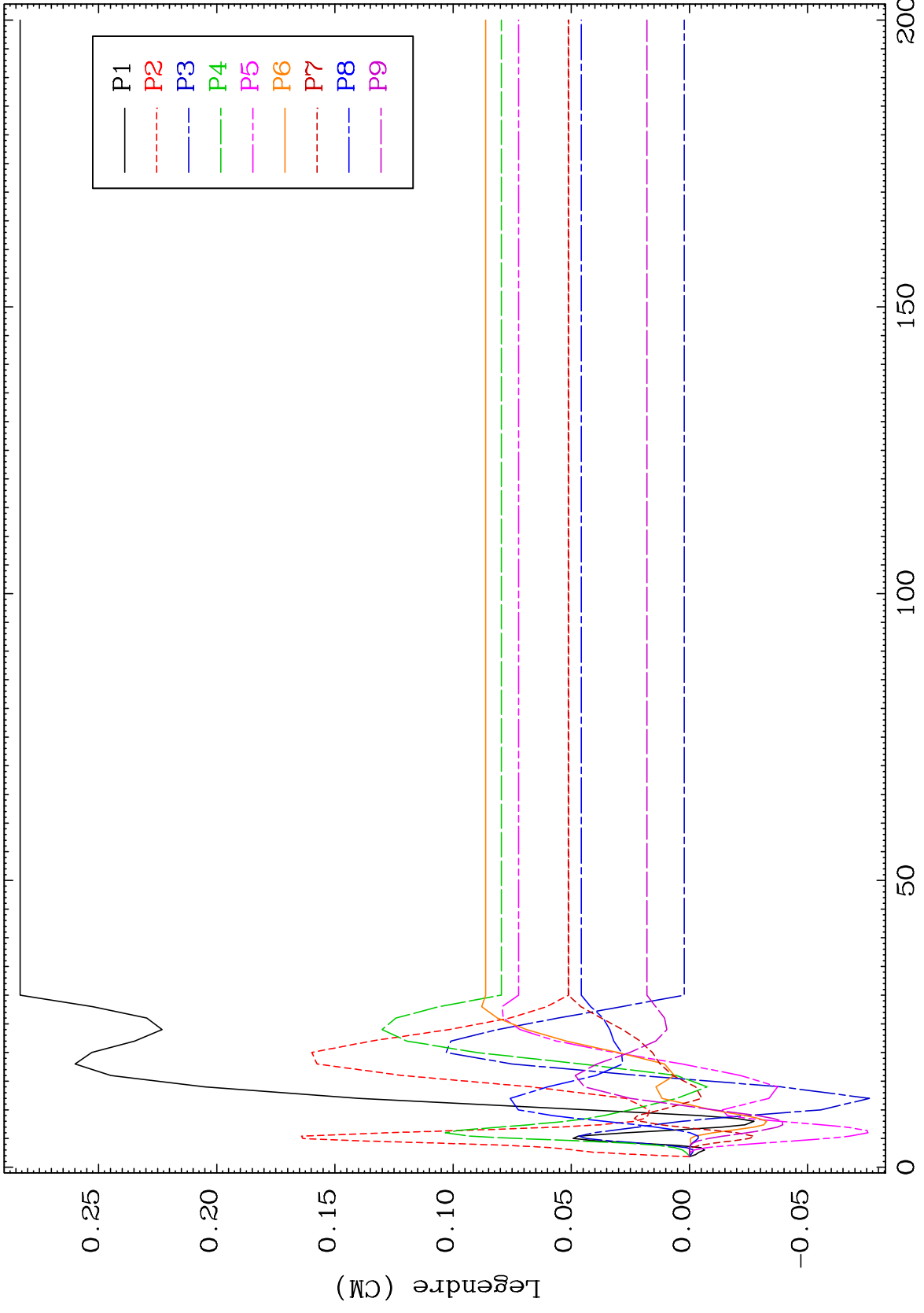
110



MAT 6304

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

63-Eu-144



111

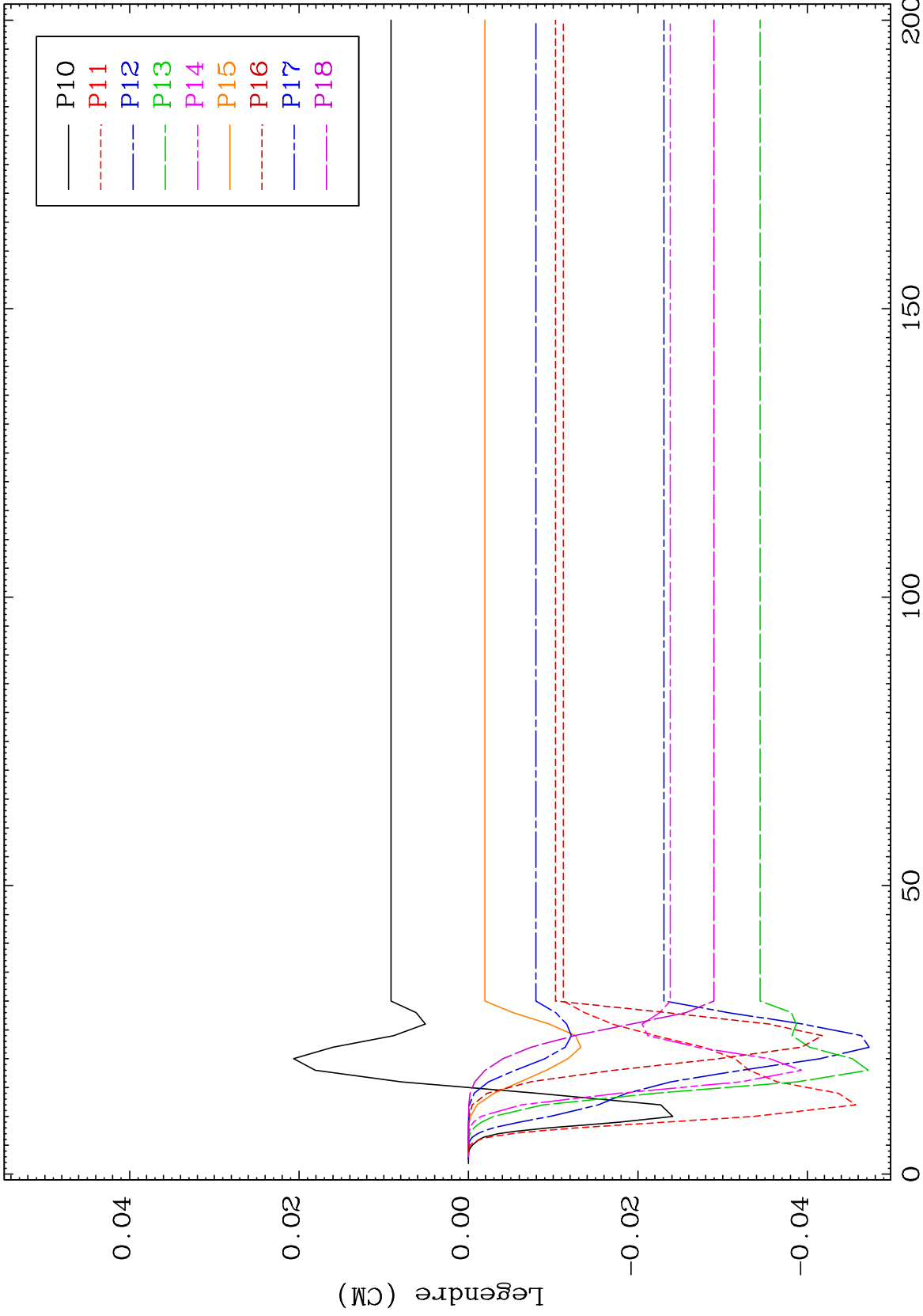
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144

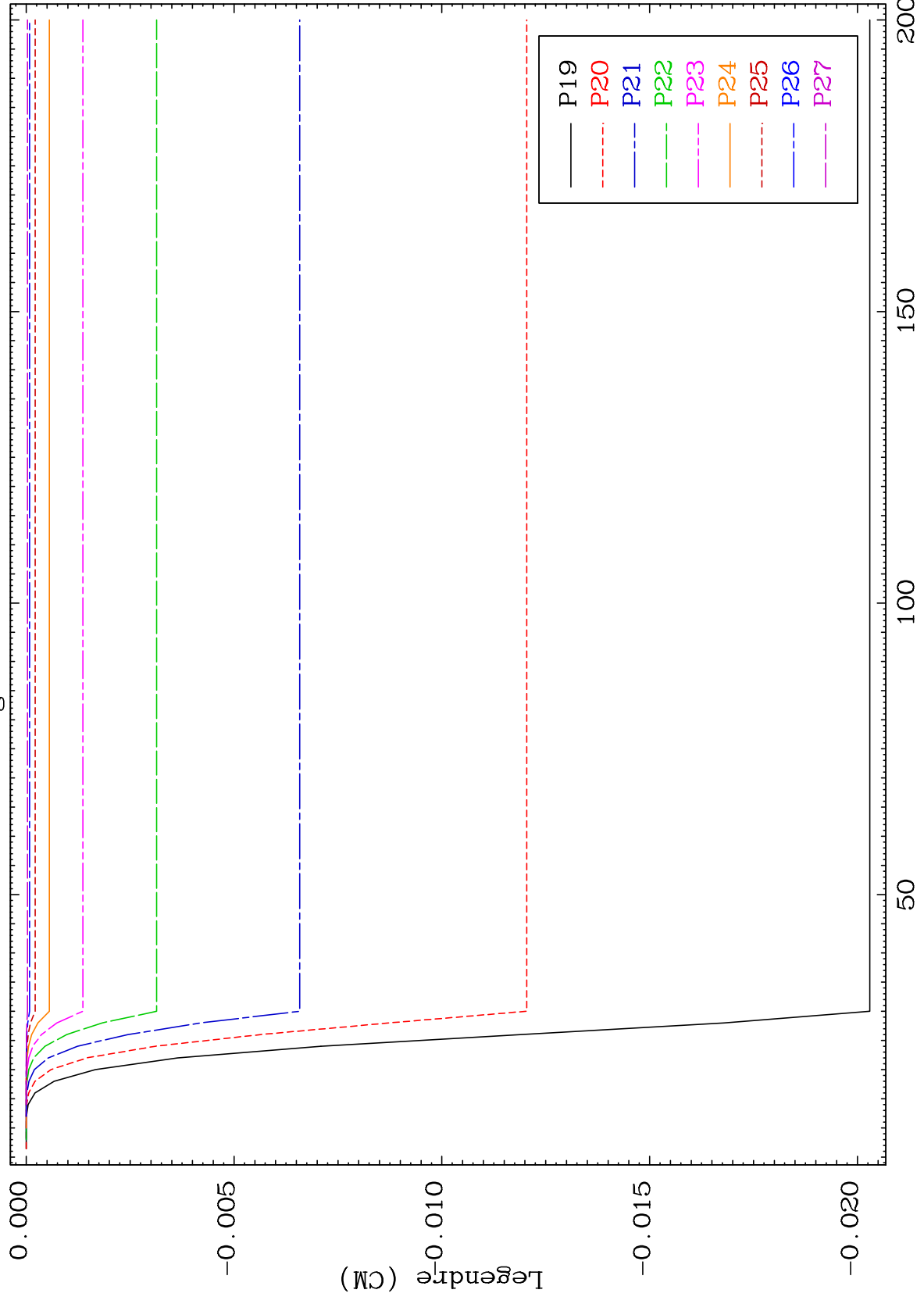


112

Incident Energy (MeV)

63-Eu-144

MAT 6304 MT= 77 (n,n') Level Legendre Coefficients 63-Eu-144

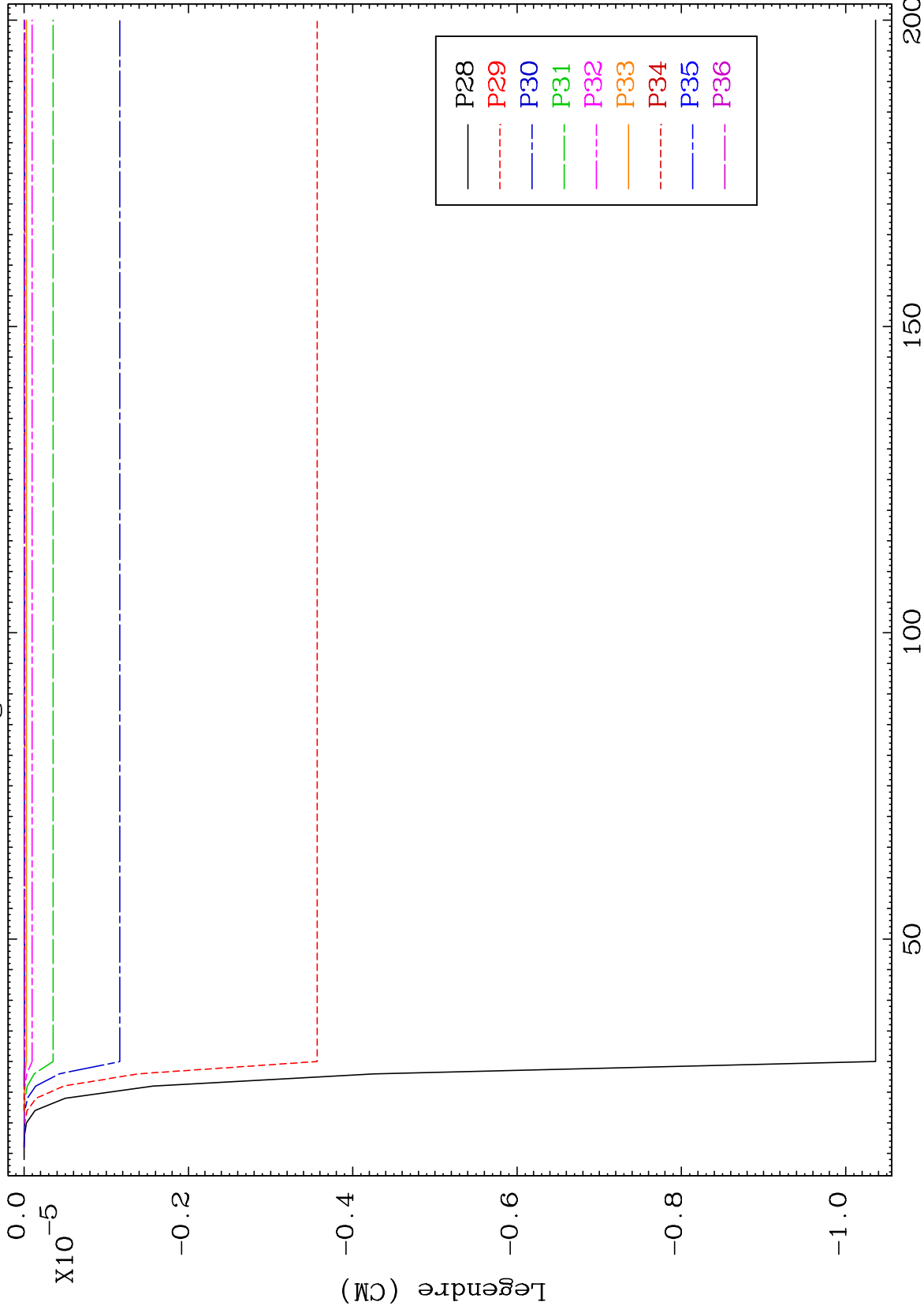


113 63-Eu-144

MAT 6304

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

63-Eu-144

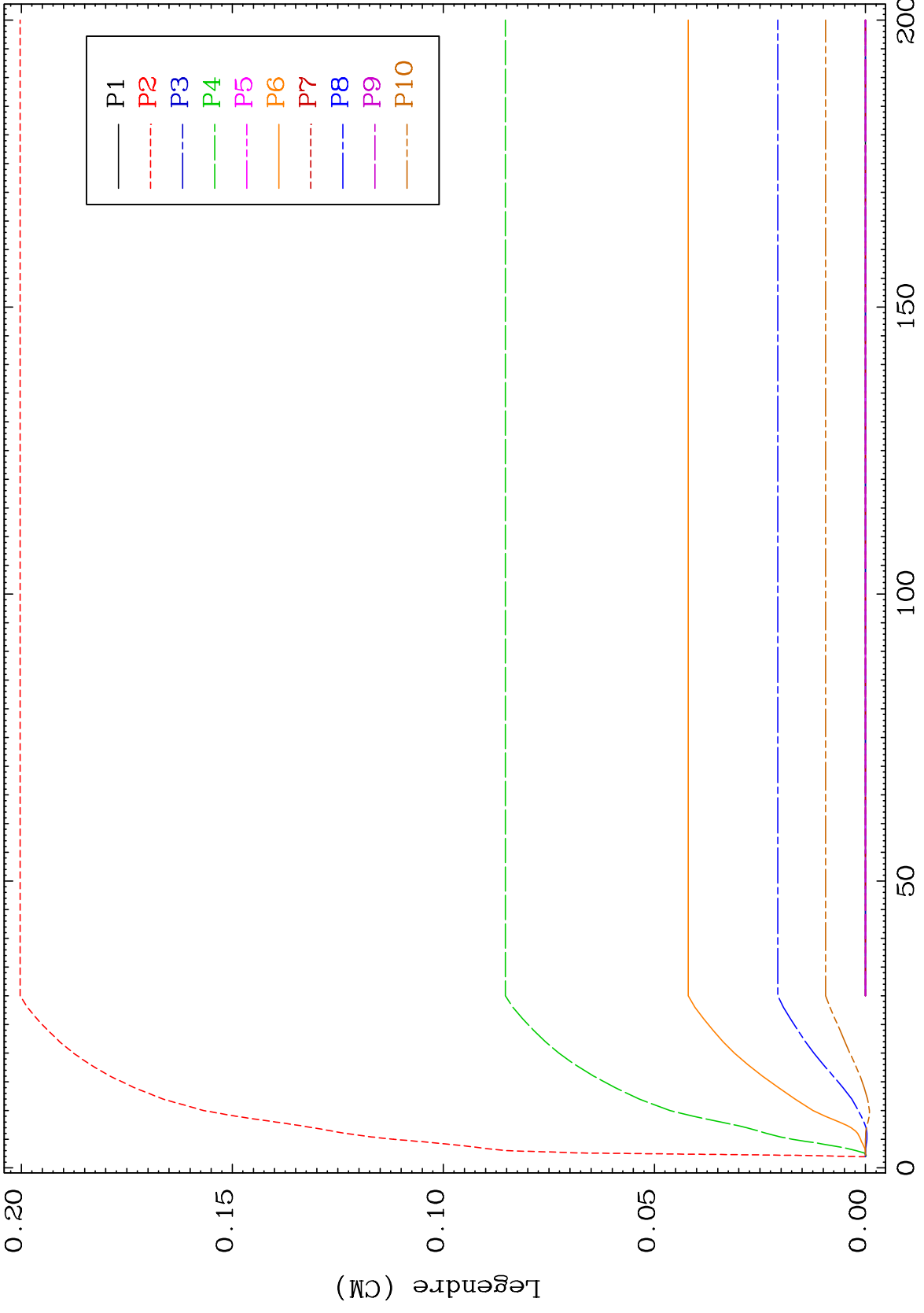


63-Eu-144

Incident Energy (MeV)

114

MAT 6304 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-144

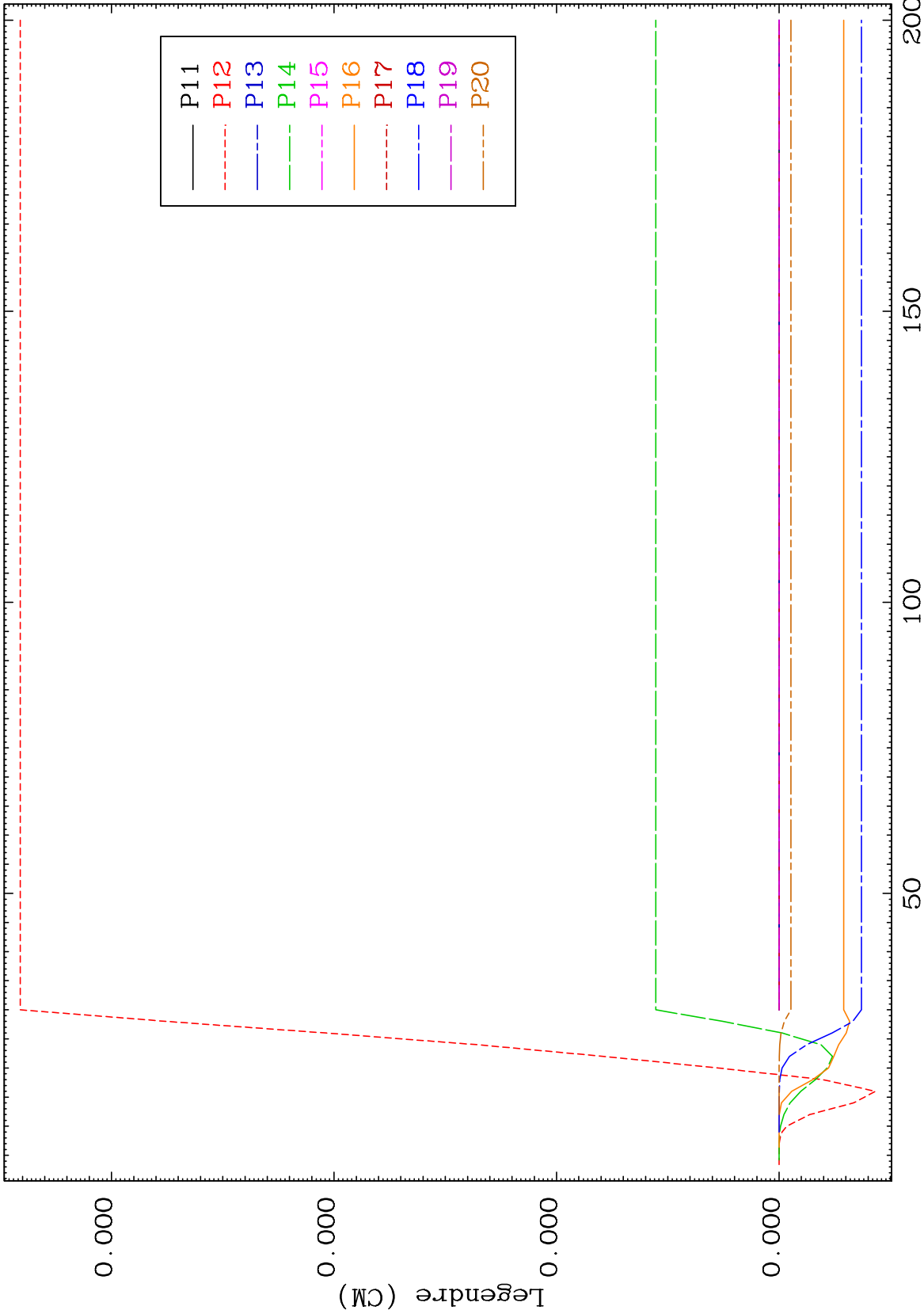


115 Incident Energy (MeV) 63-Eu-144

MAT 6304

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

63-Eu-144



116

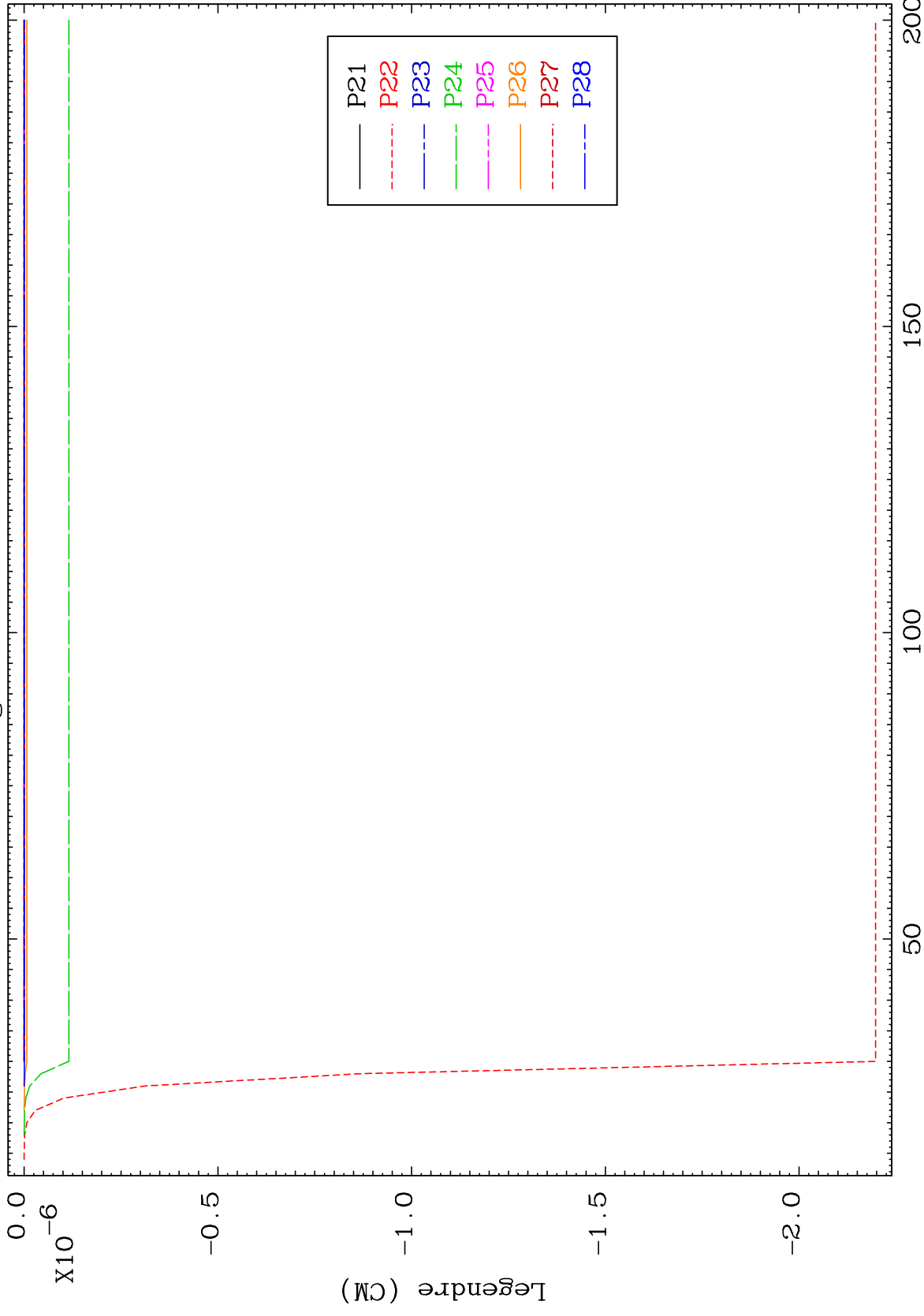
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

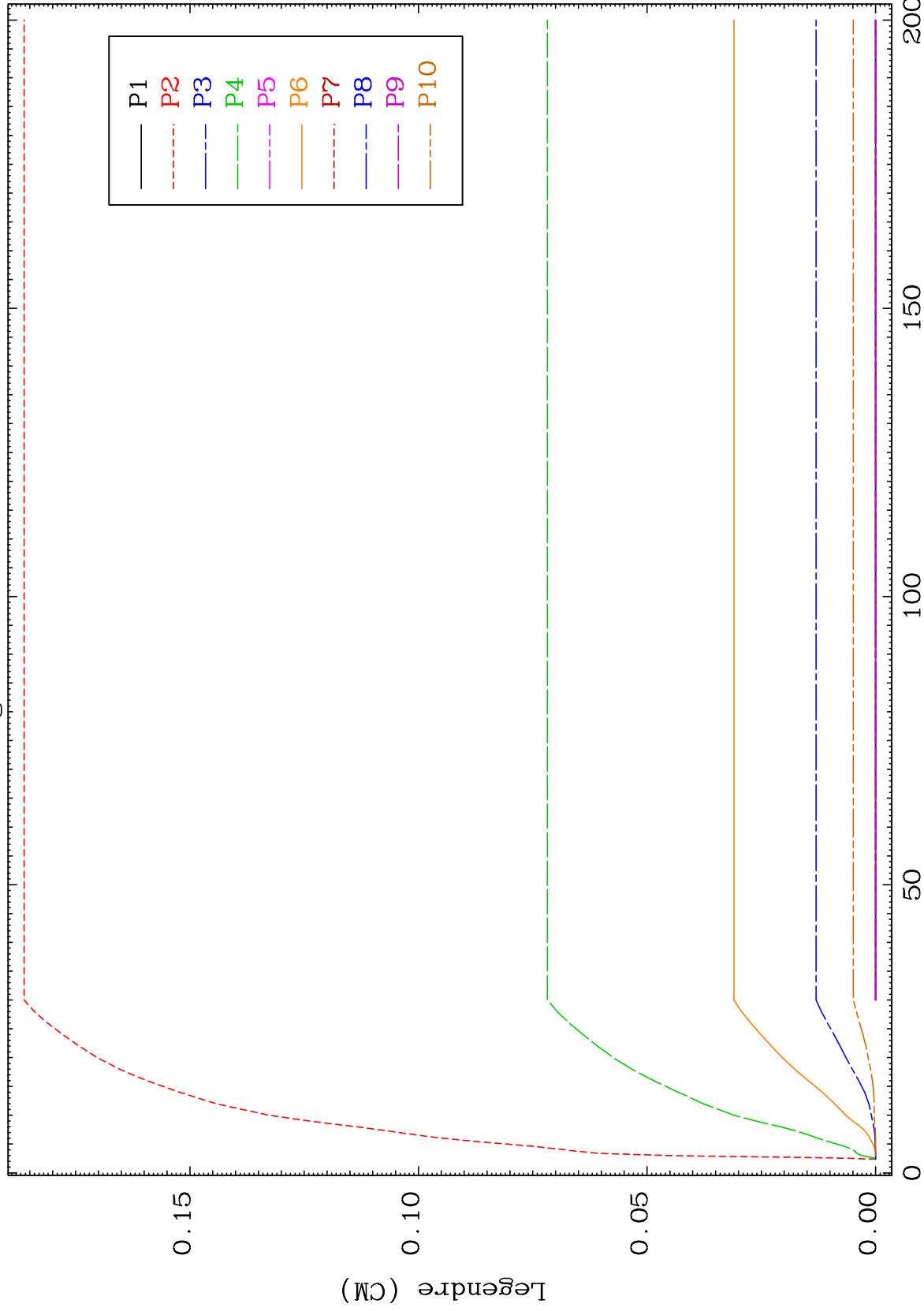
Incident Energy (MeV)

117

MAT 6304

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

63-Eu-144



118

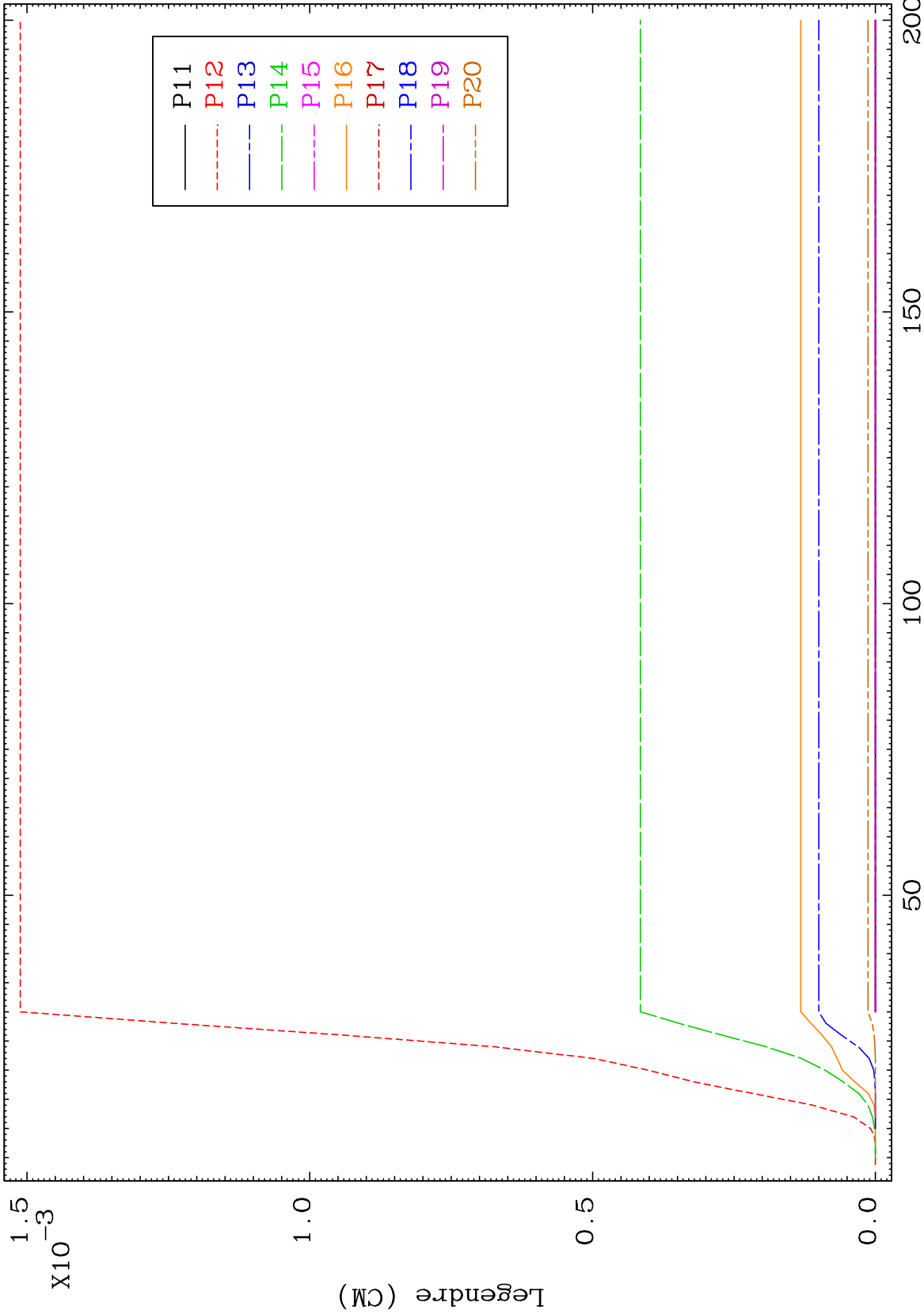
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



119

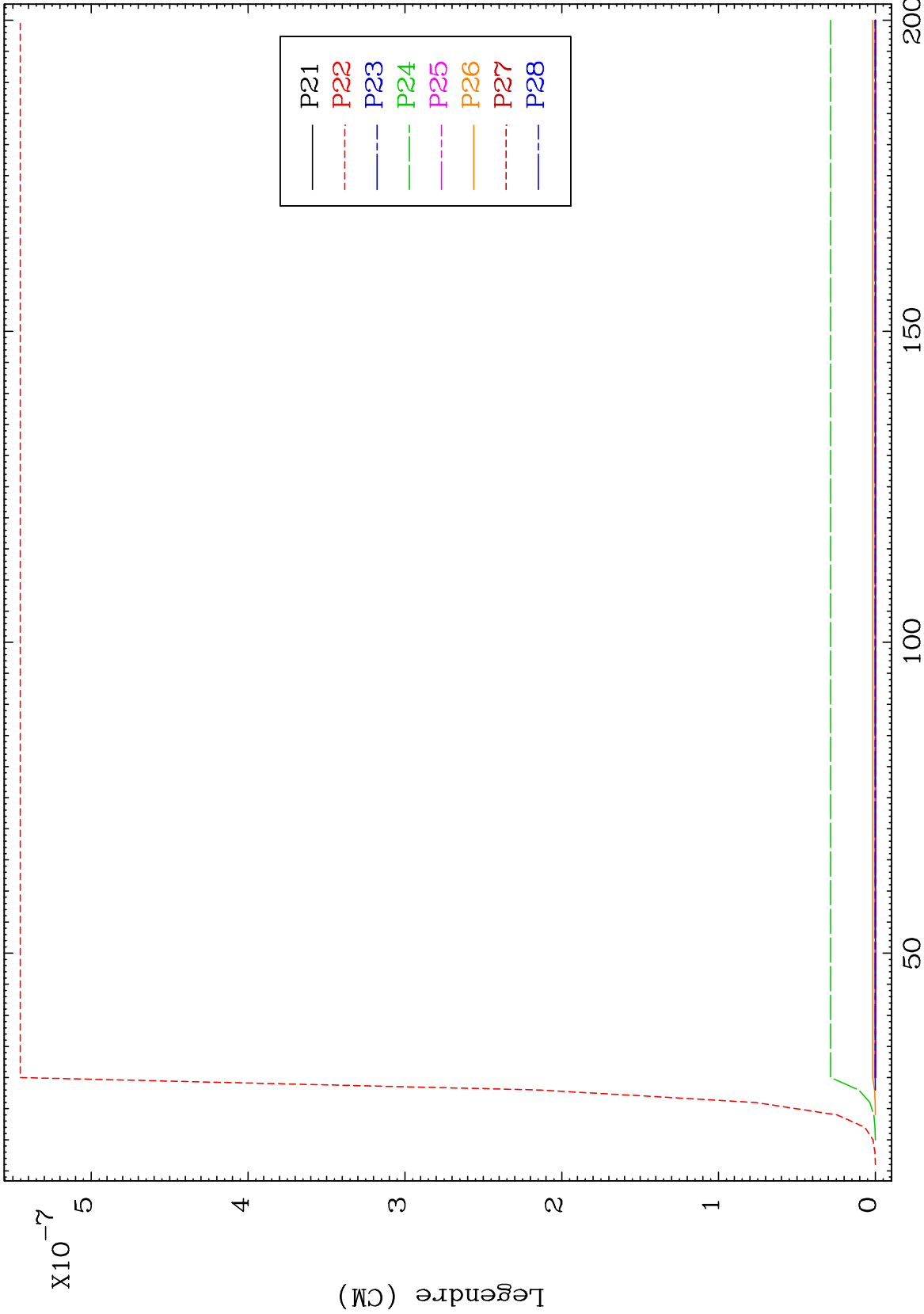
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



120

50

100

150

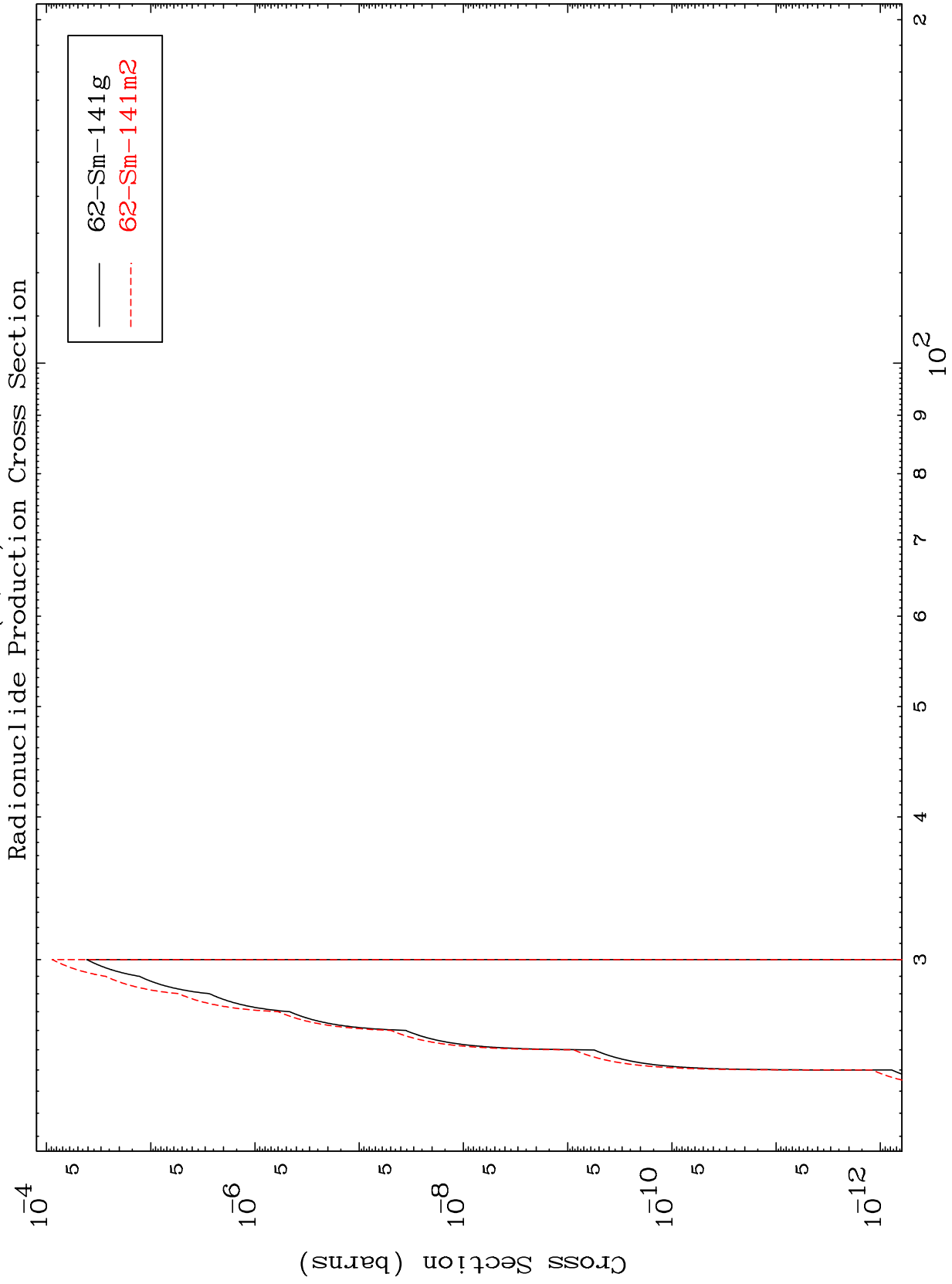
200

63-Eu-144

MAT 6304

(n,2n) d

63-Eu-144



121

Incident Energy (MeV)

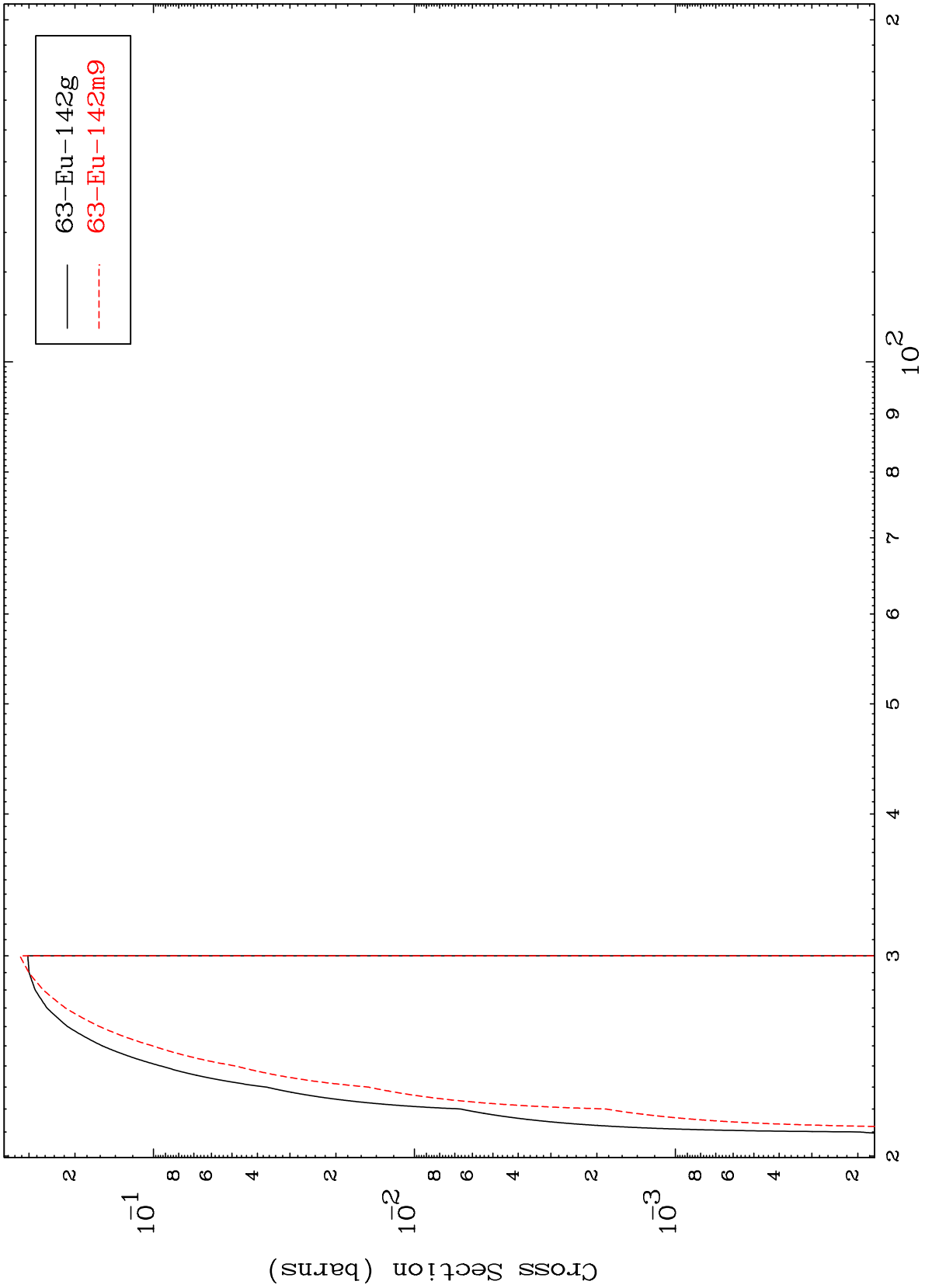
63-Eu-144

MAT 6304

(n,3n)

63-Eu-144

Radionuclide Production Cross Section



122

Incident Energy (MeV)

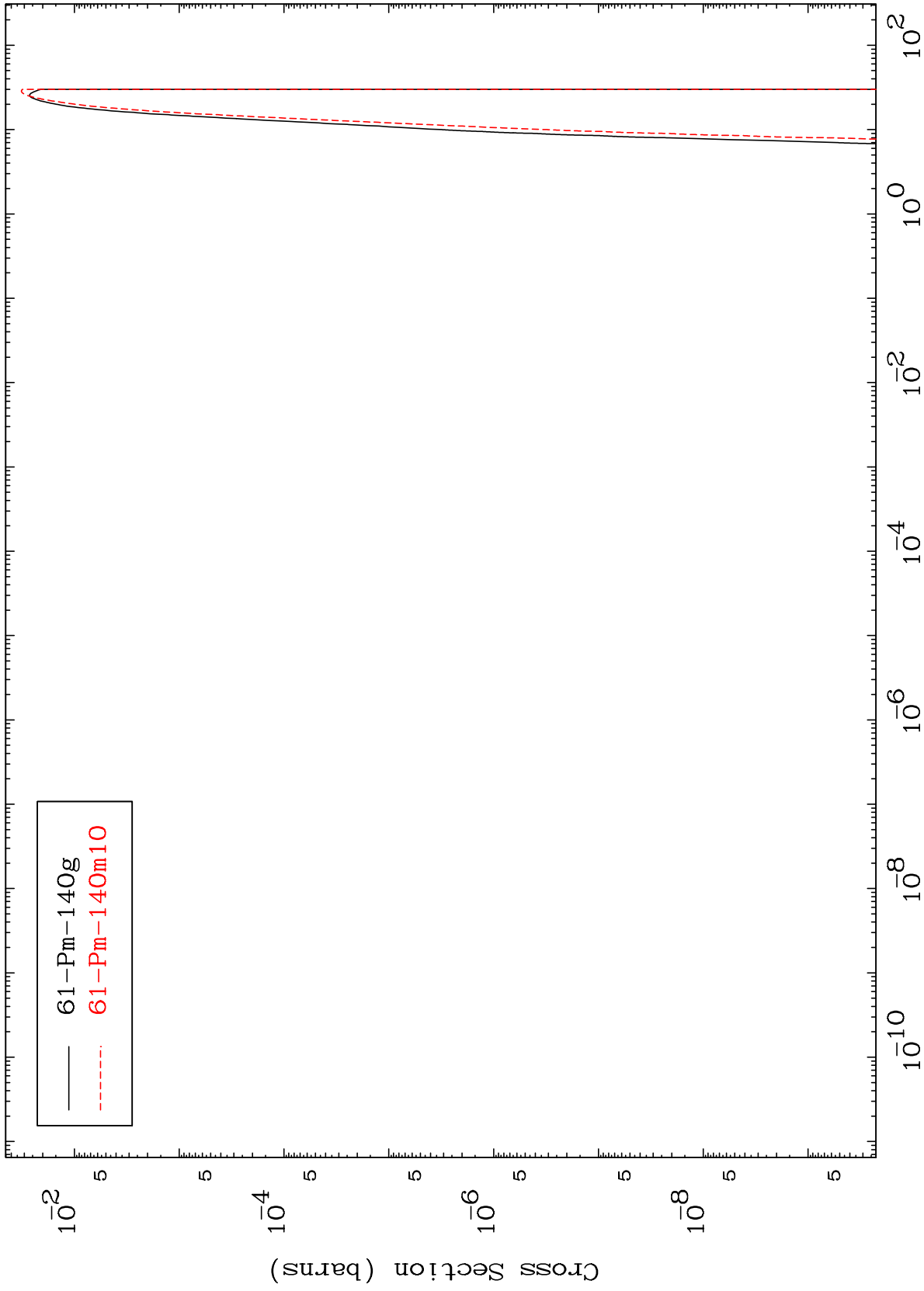
63-Eu-144

MAT 6304

(n,n') α

63-Eu-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

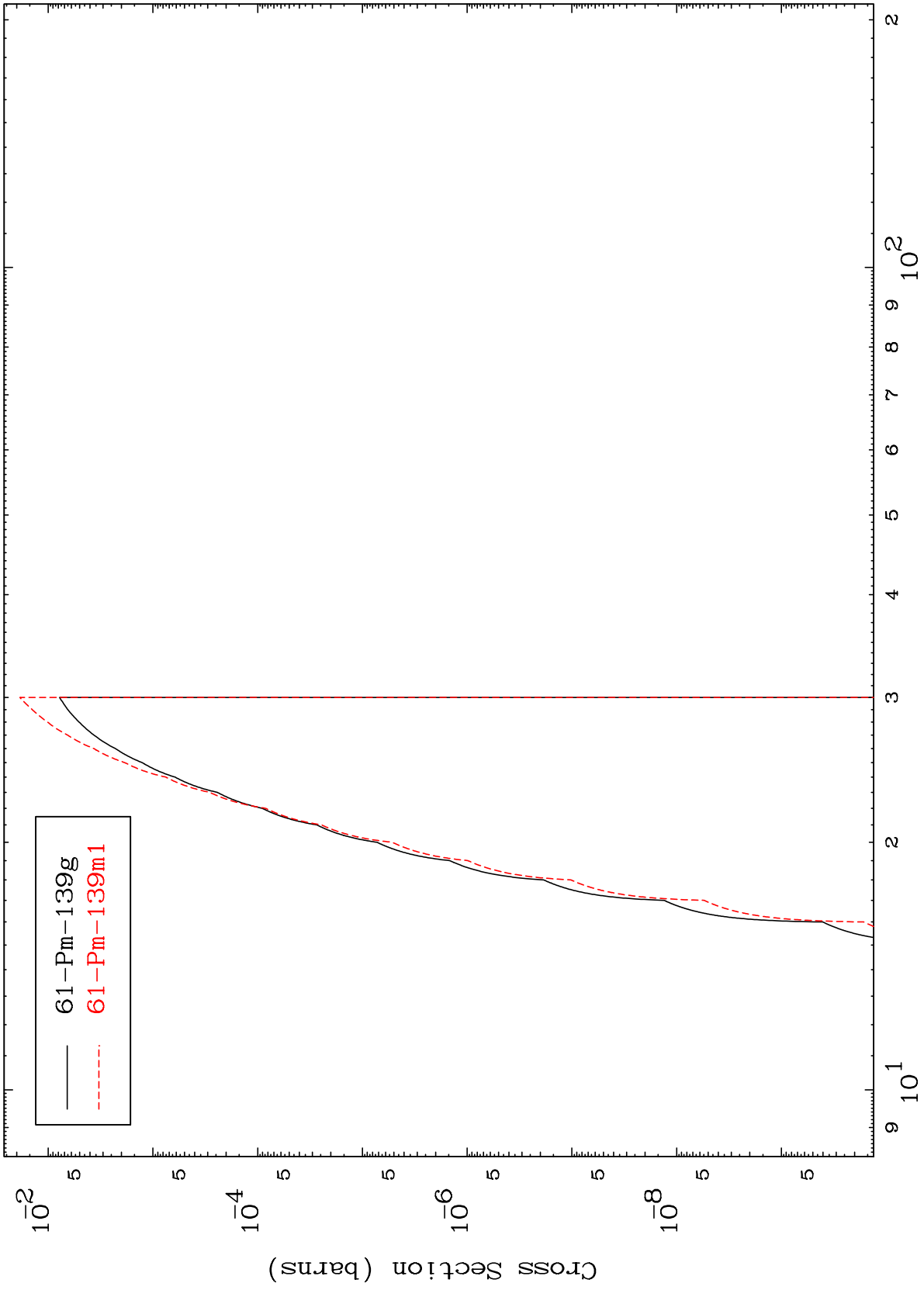
63-Eu-144

MAT 6304

(n,2n) α

63-Eu-144

Radionuclide Production Cross Section



124

Incident Energy (MeV)

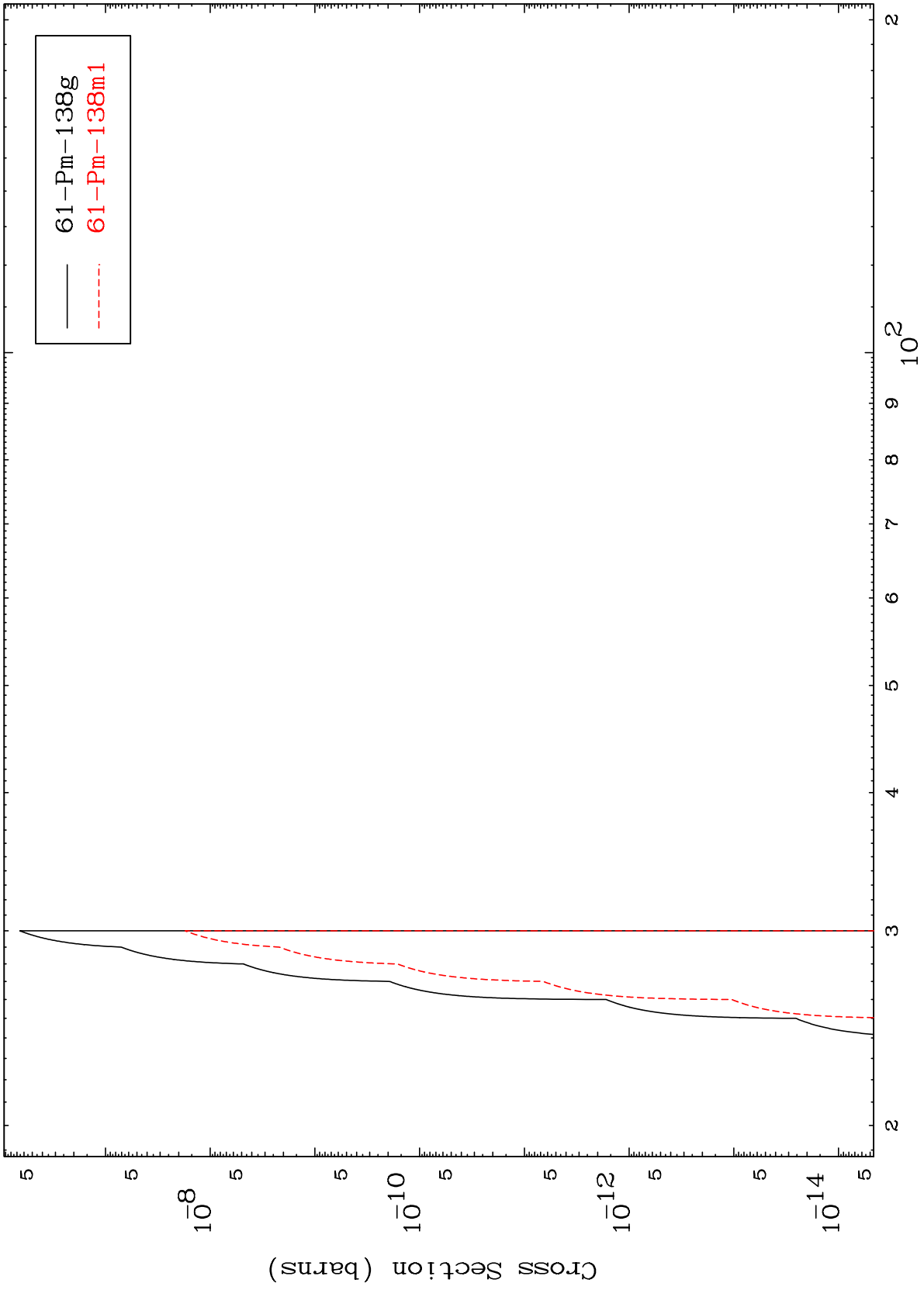
63-Eu-144

MAT 6304

(n,3n) α

63-Eu-144

Radionuclide Production Cross Section



125

Incident Energy (MeV)

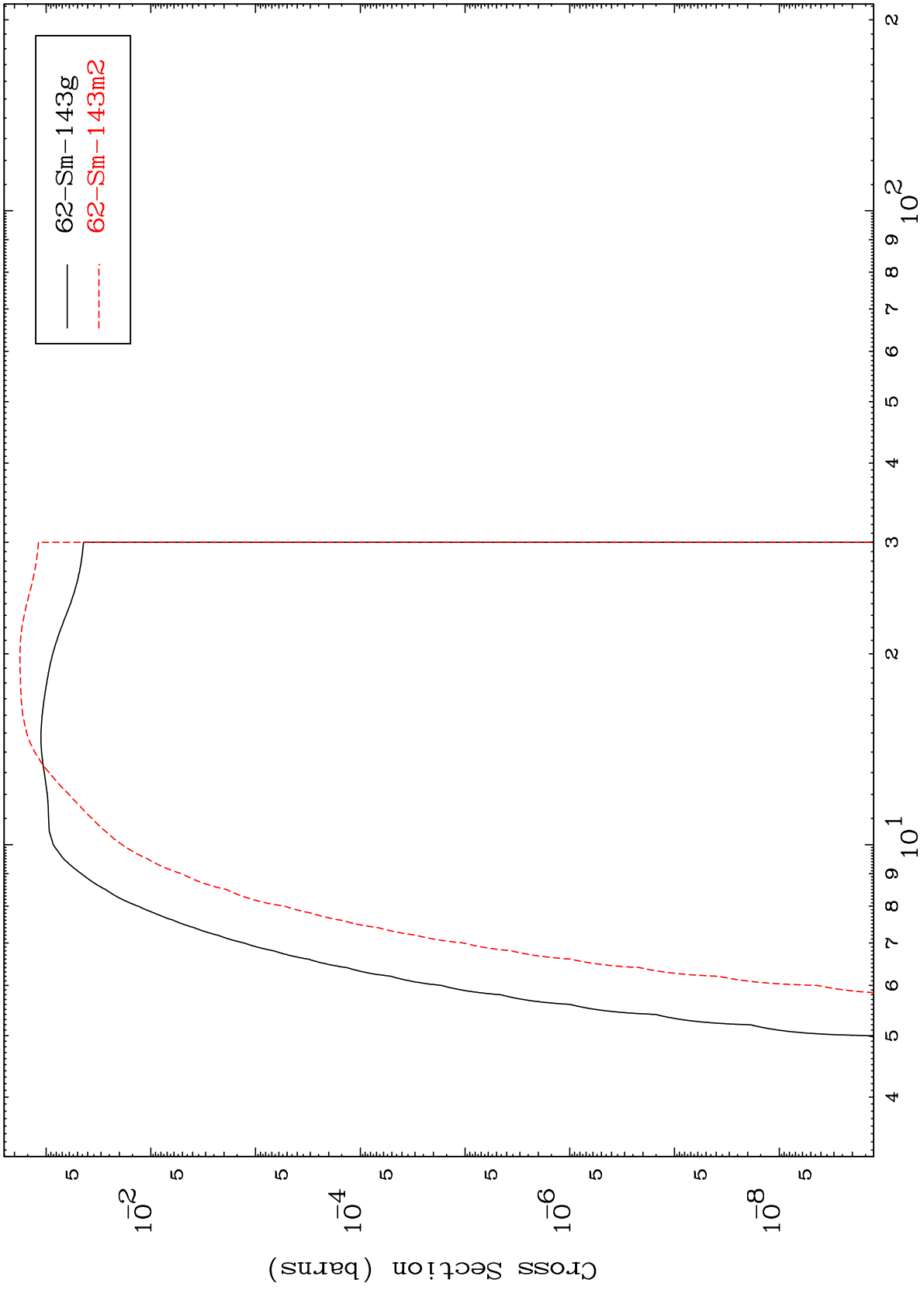
63-Eu-144

MAT 6304

(n,n') p

63-Eu-144

Radionuclide Production Cross Section



126

Incident Energy (MeV)

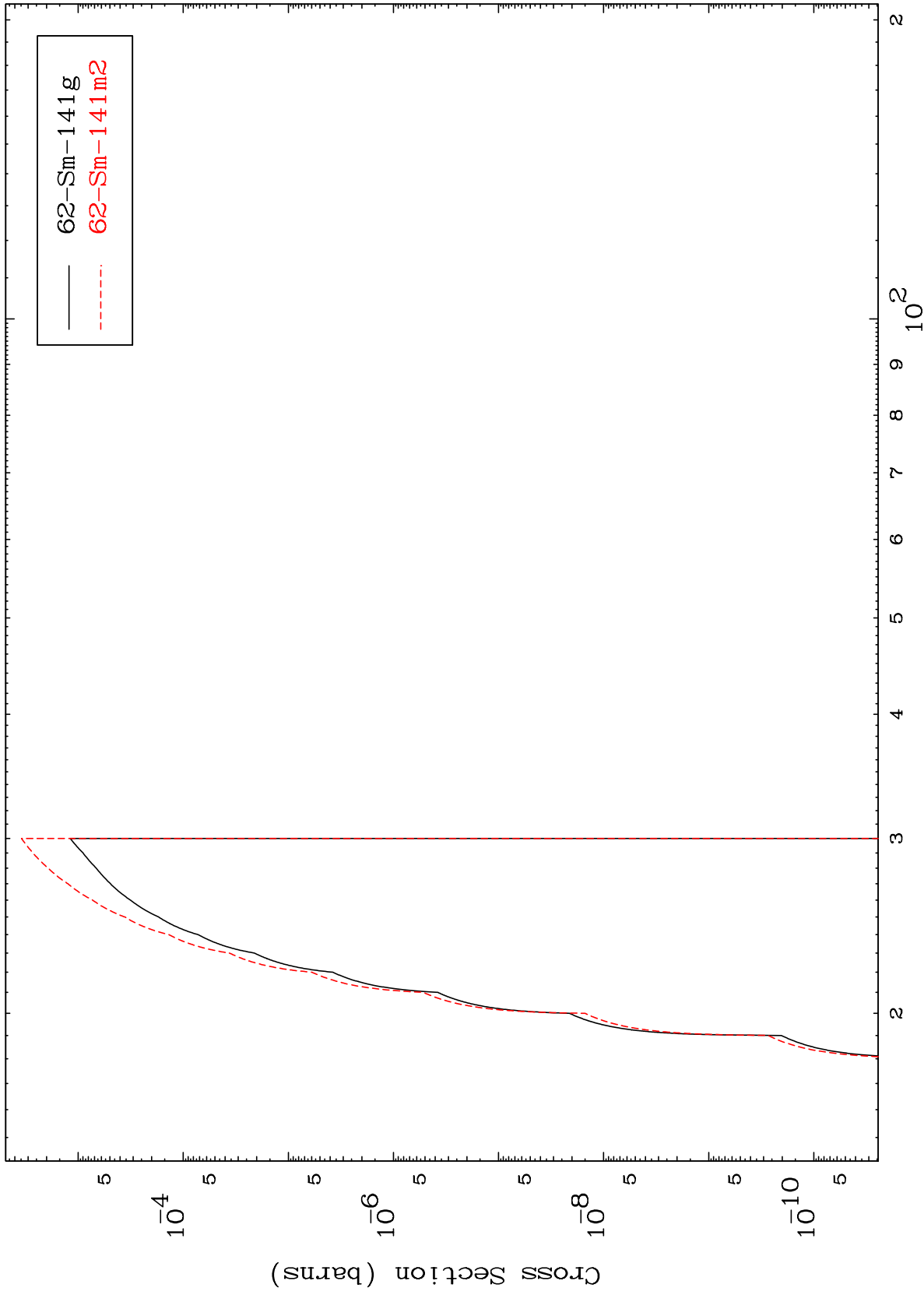
63-Eu-144

MAT 6304

(n,n') t

63-Eu-144

Radionuclide Production Cross Section



127

Incident Energy (MeV)

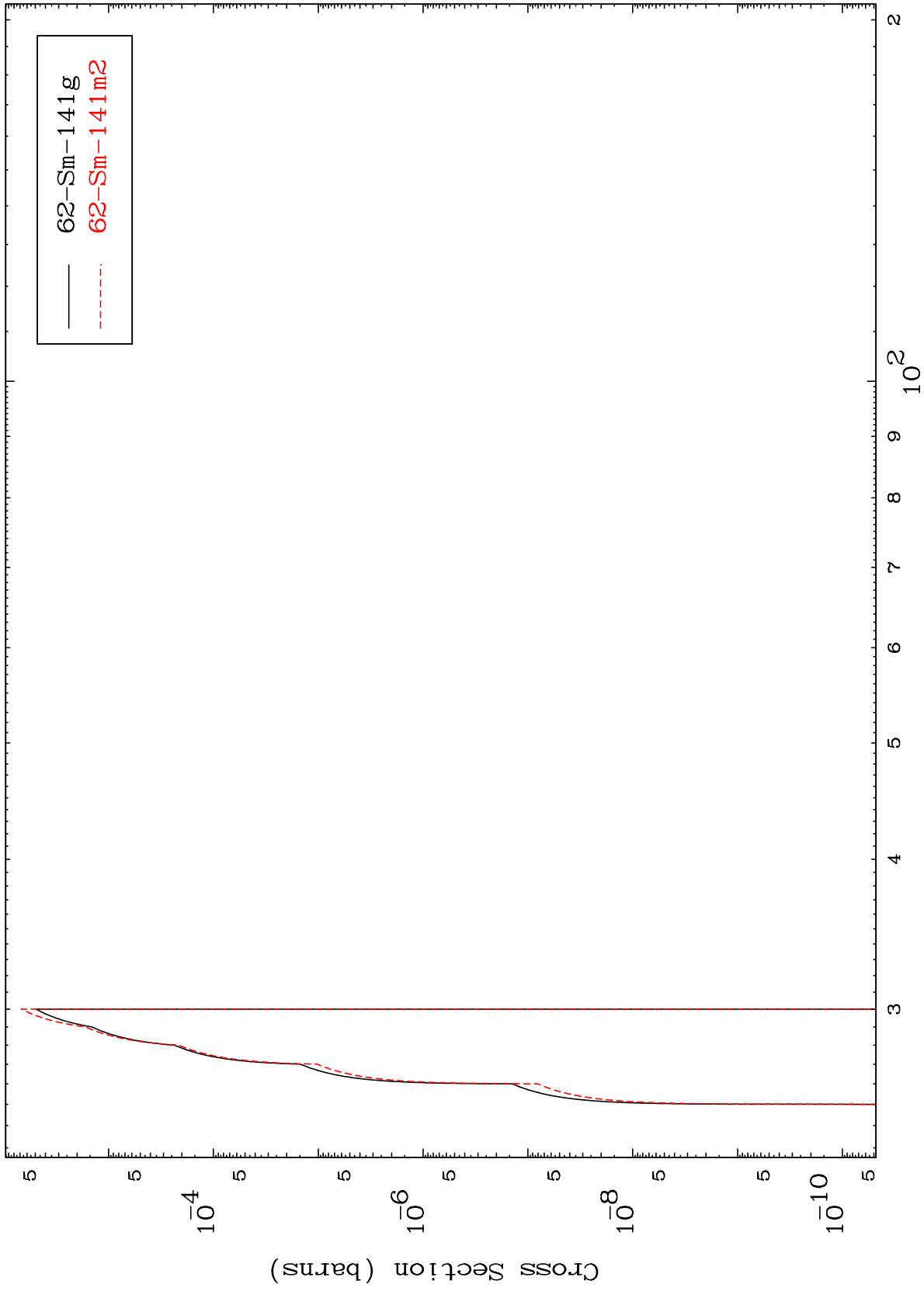
63-Eu-144

MAT 6304

(n,3n) p

63-Eu-144

Radionuclide Production Cross Section



128

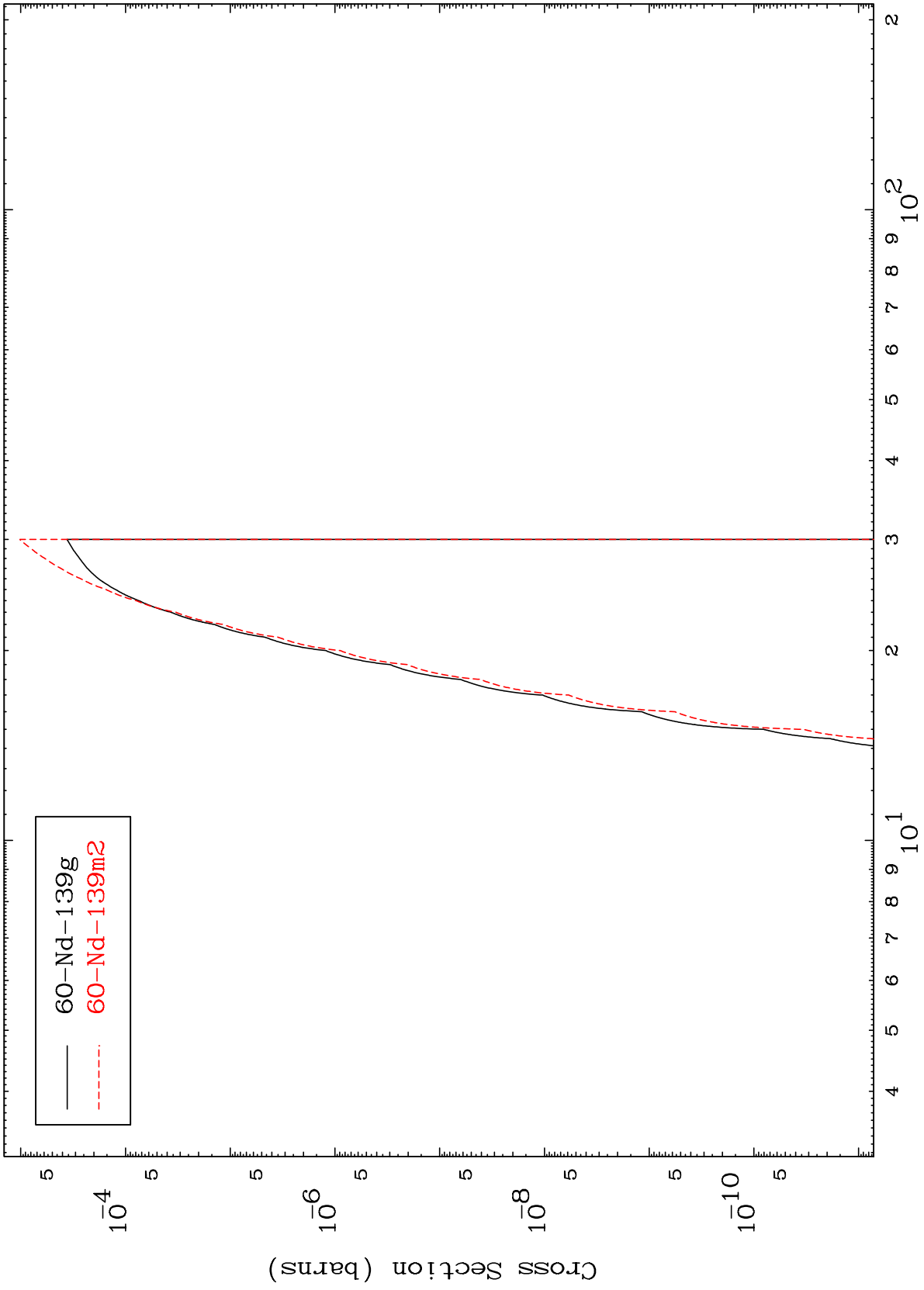
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(n,n') p α
Radionuclide Production Cross Section



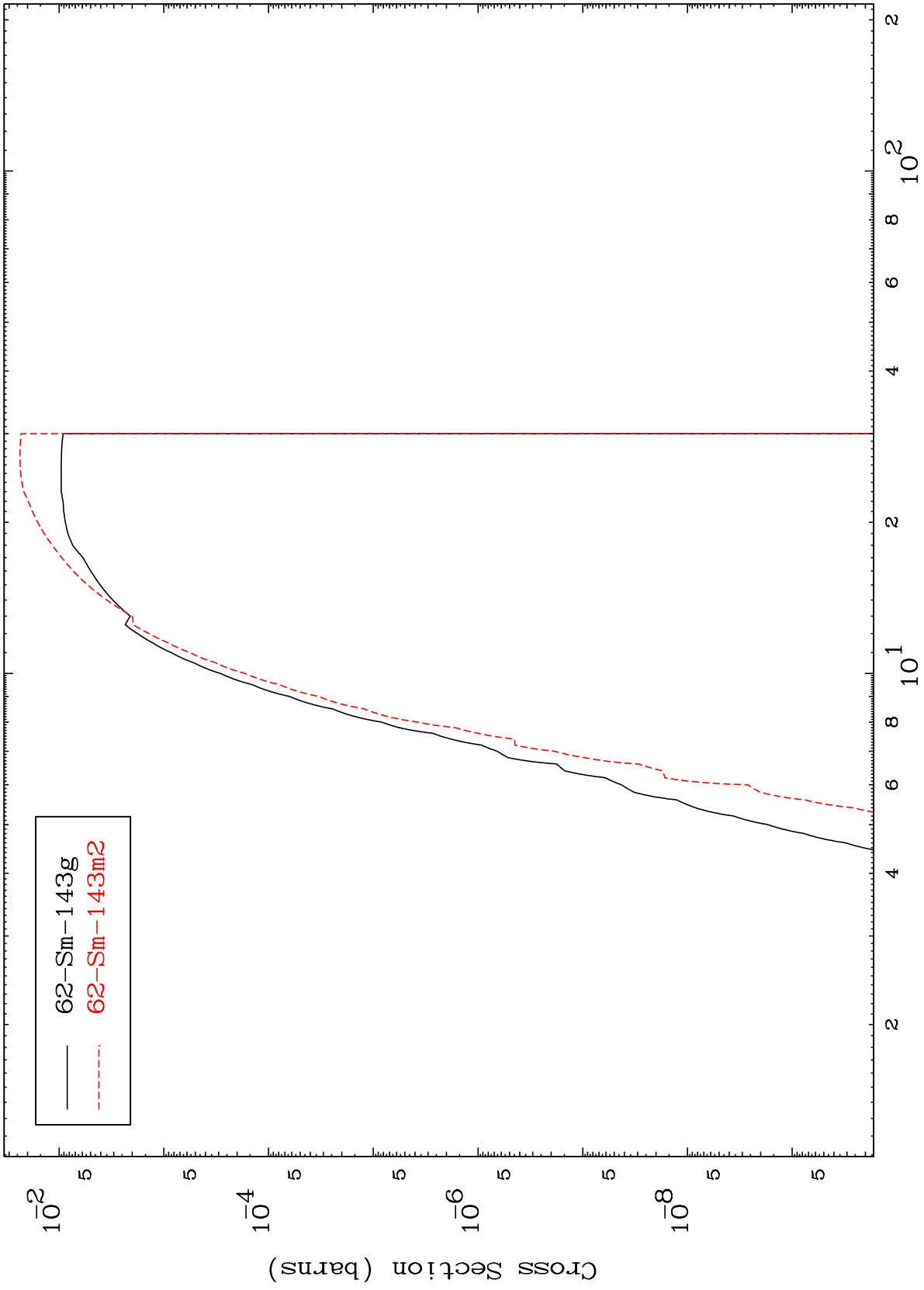
129

63-Eu-144

MAT 6304

(n,d)
Radionuclide Production Cross Section

63-Eu-144



130

Incident Energy (MeV)

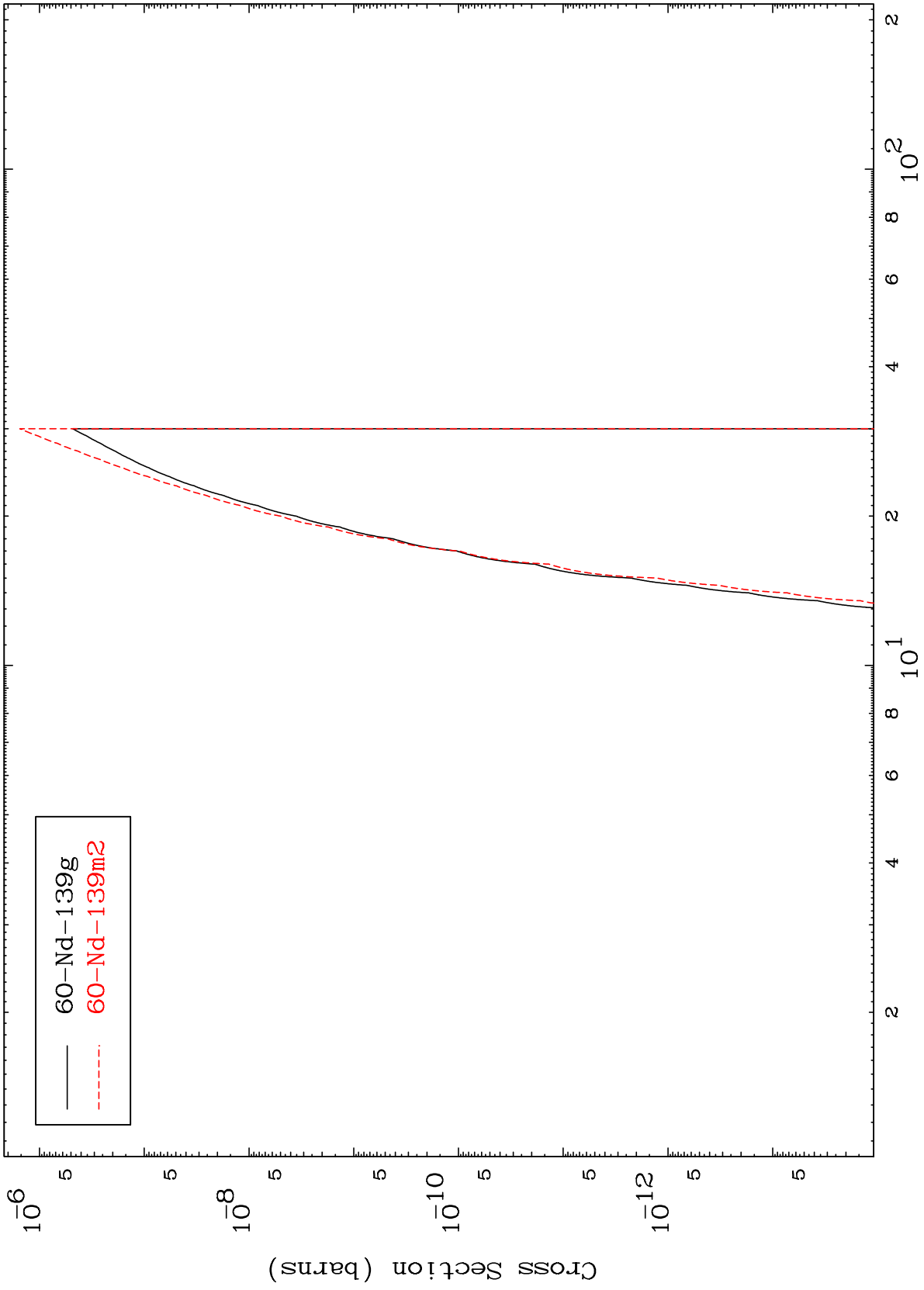
63-Eu-144

MAT 6304

(n,d) α

63-Eu-144

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

131

63-Eu-144