

Program EVALPLOT
(Version 2018-1)

by

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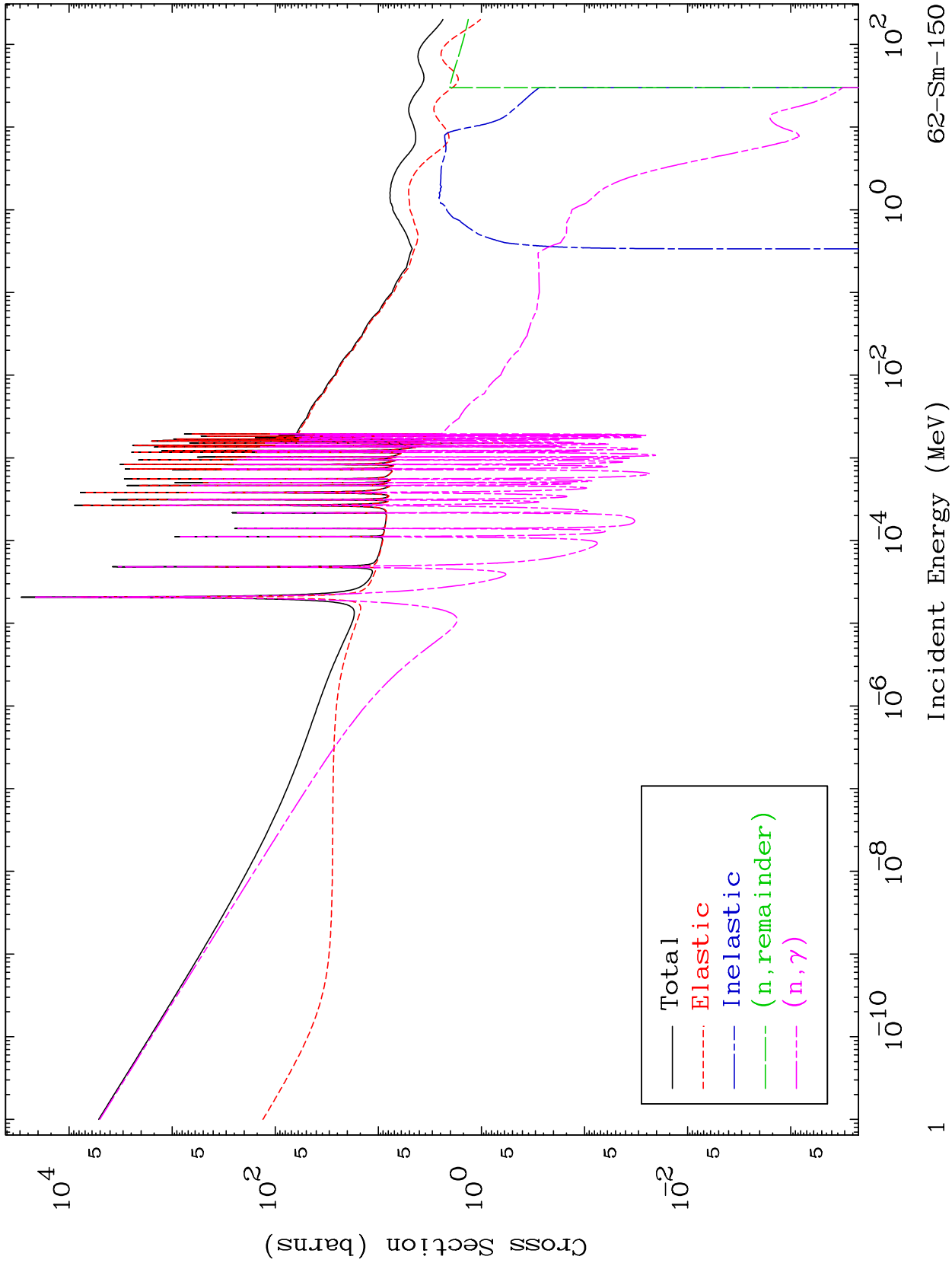
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6243

Major
293 Kelvin Cross Sections

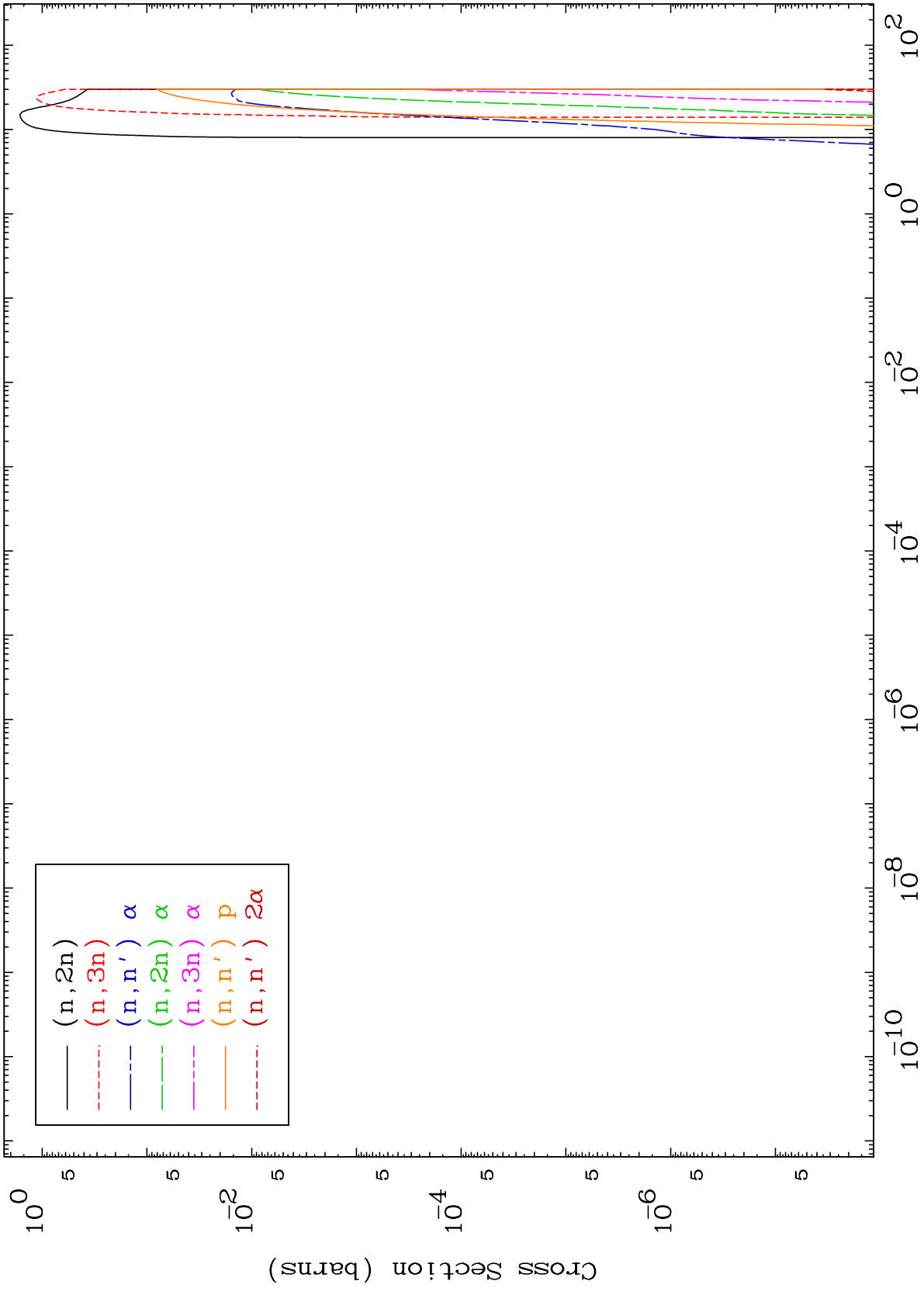
62-Sm-150

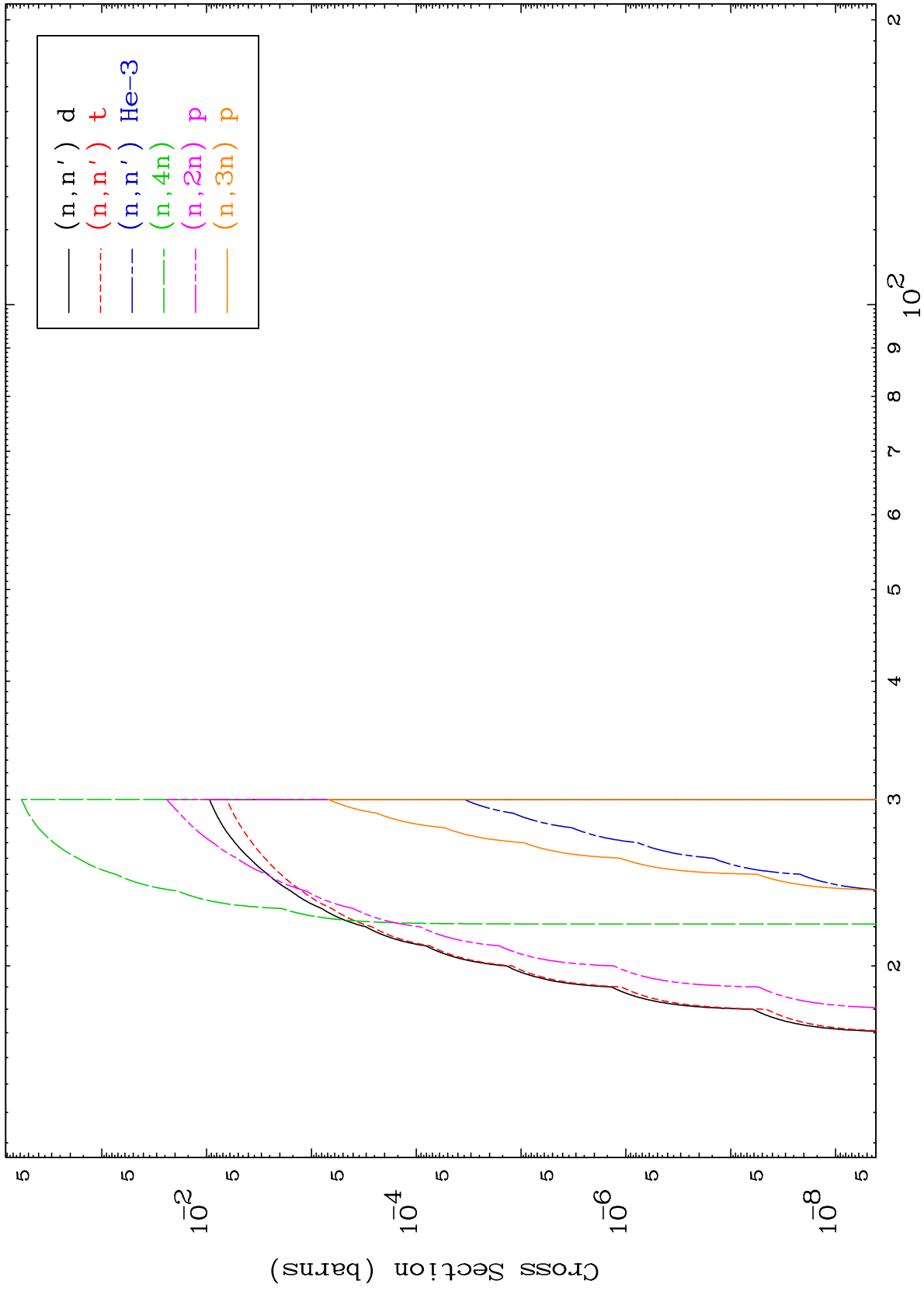


MAT 6243

Neutron Production
293 Kelvin Cross Sections

62-Sm-150

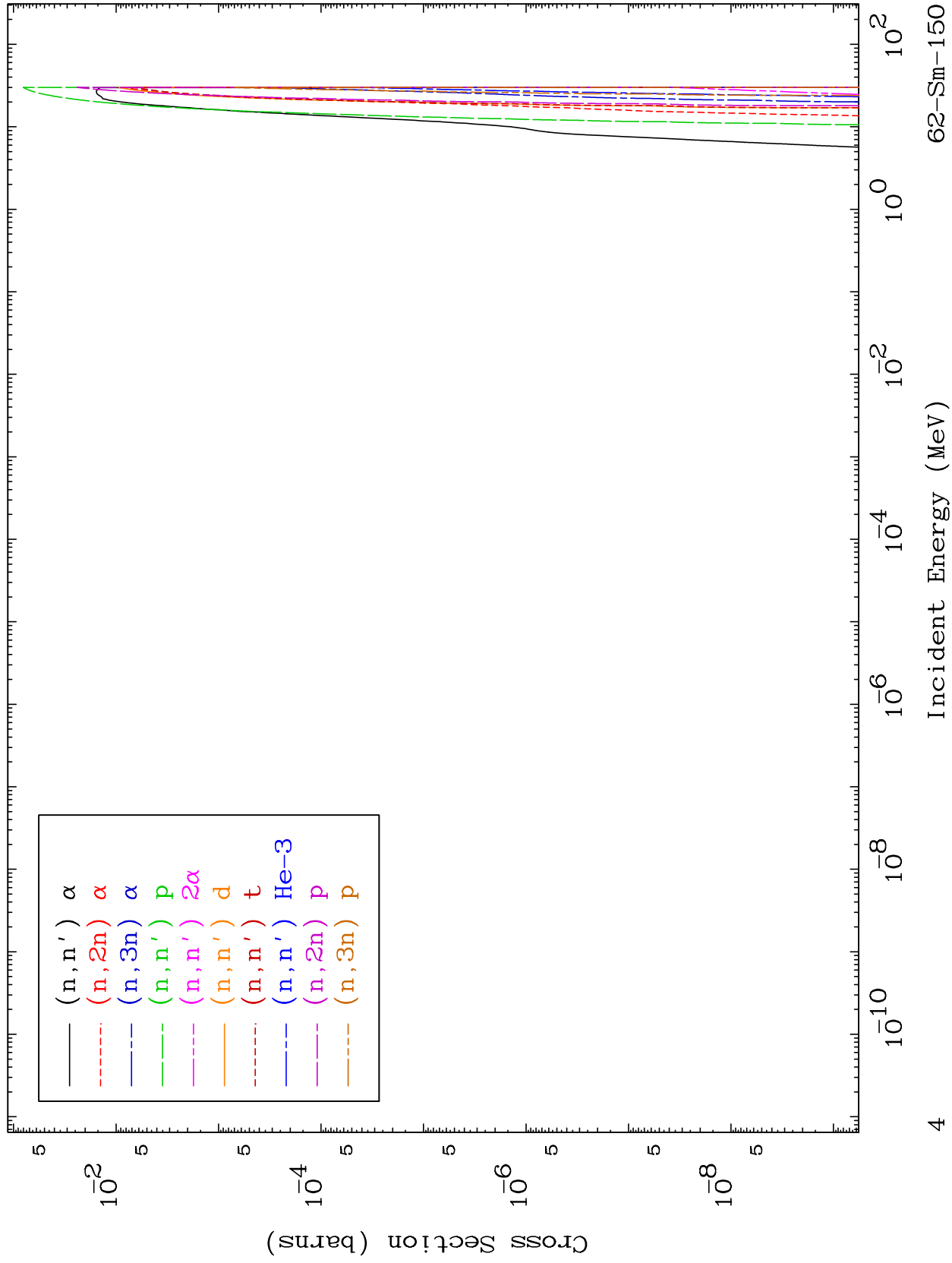




MAT 6243

293 Kelvin Cross Sections

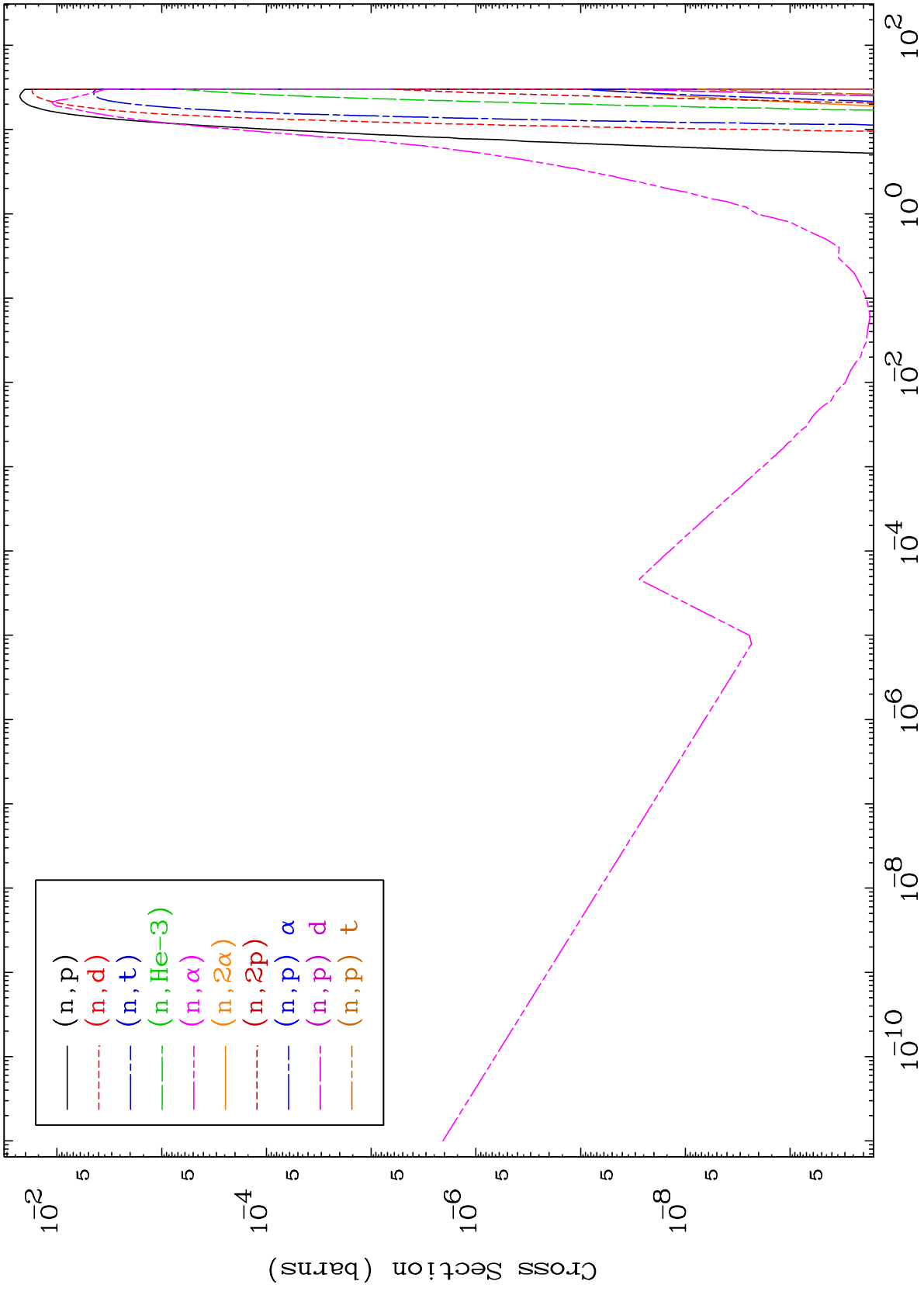
62-Sm-150



MAT 6243

293 Kelvin Cross Sections

62-Sm-150



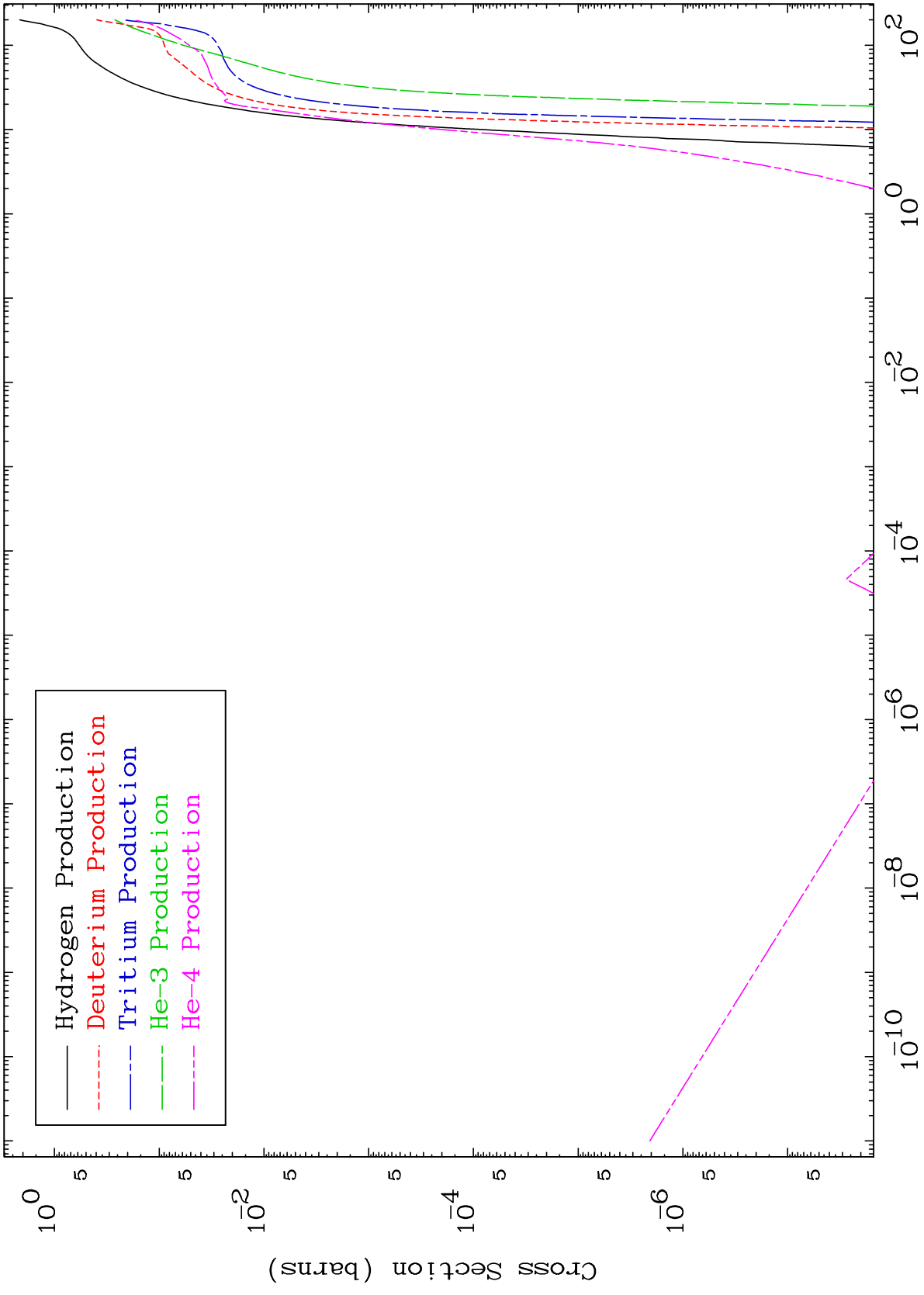
5

62-Sm-150

MAT 6243

Particle Production
293 Kelvin Cross Sections

62-Sm-150

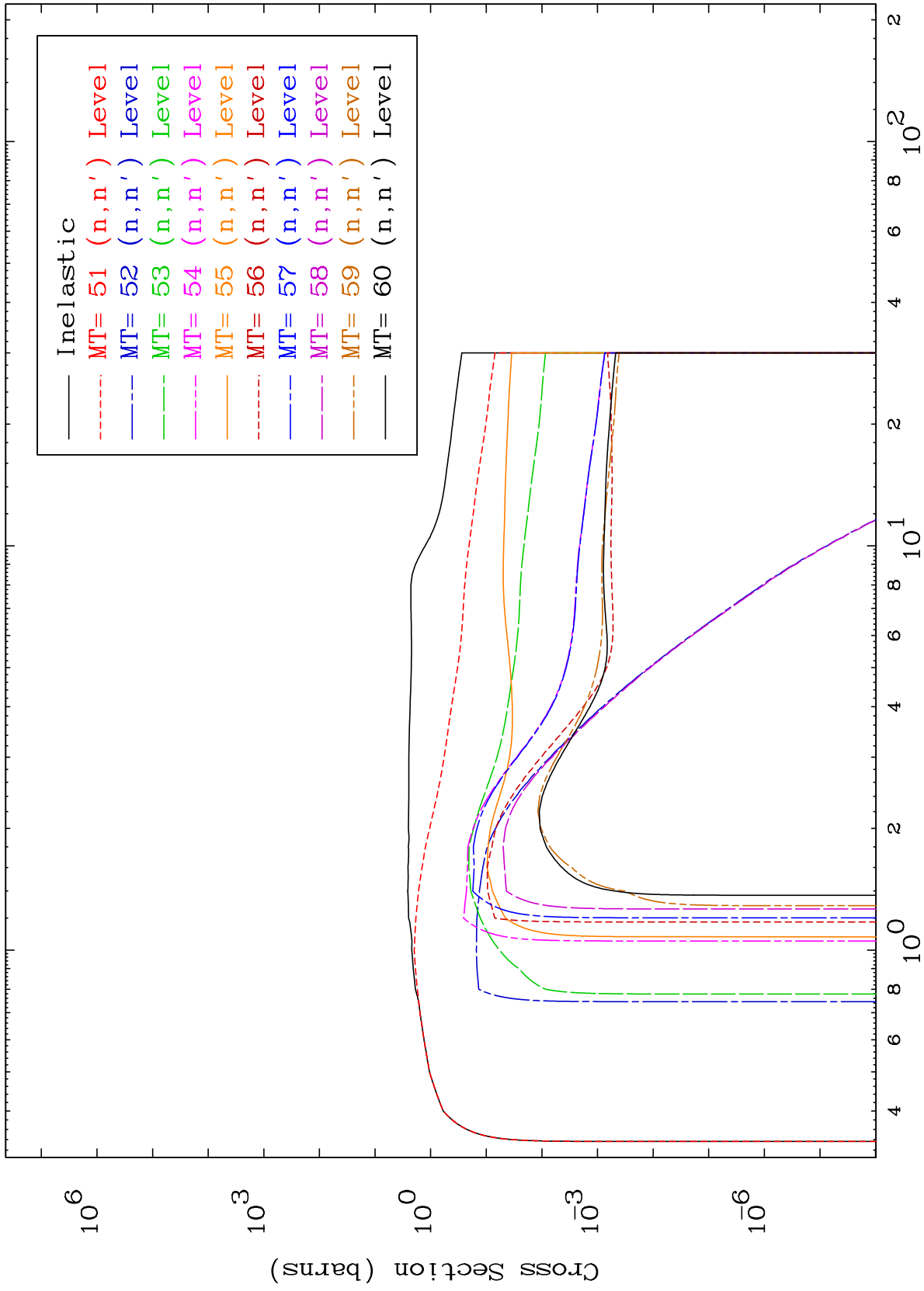


62-Sm-150

MAT 6243

(n,n') Level
293 Kelvin Cross Sections

62-Sm-150



7

Incident Energy (MeV)

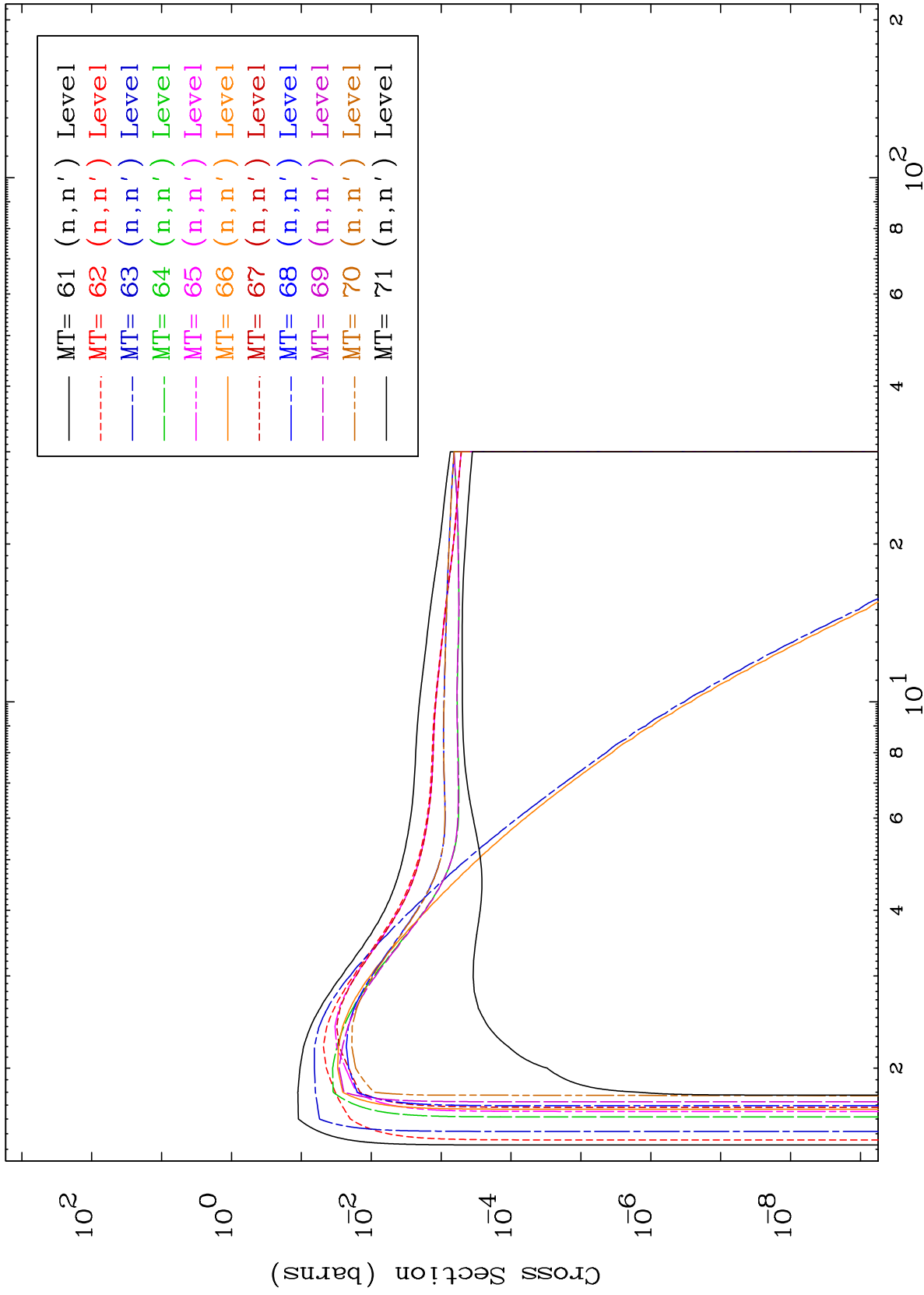
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MAT 6243

(n,n') Level

62-Sm-150

293 Kelvin Cross Sections



8

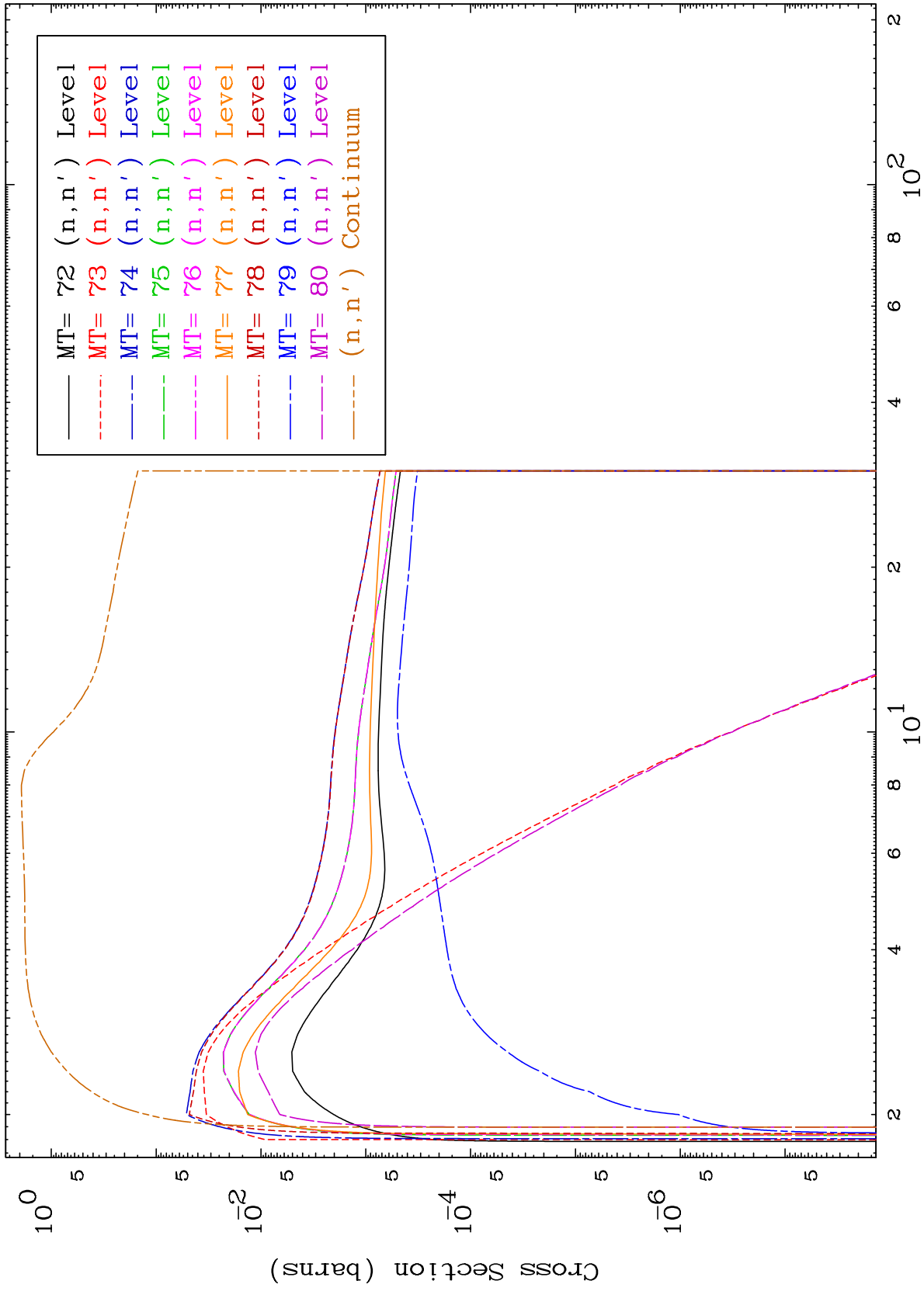
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,n') Level
293 Kelvin Cross Sections

62-Sm-150



9

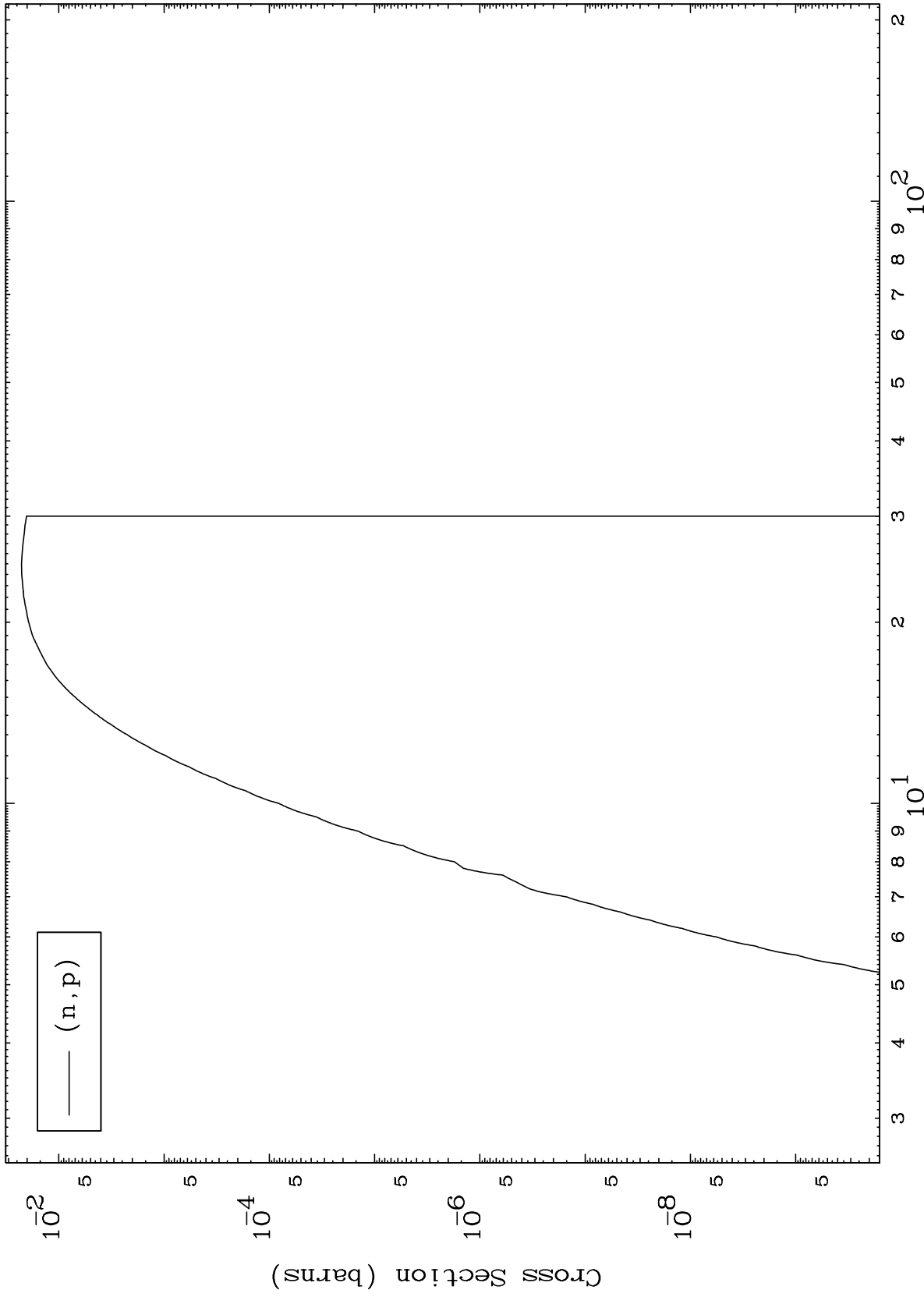
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-150



10

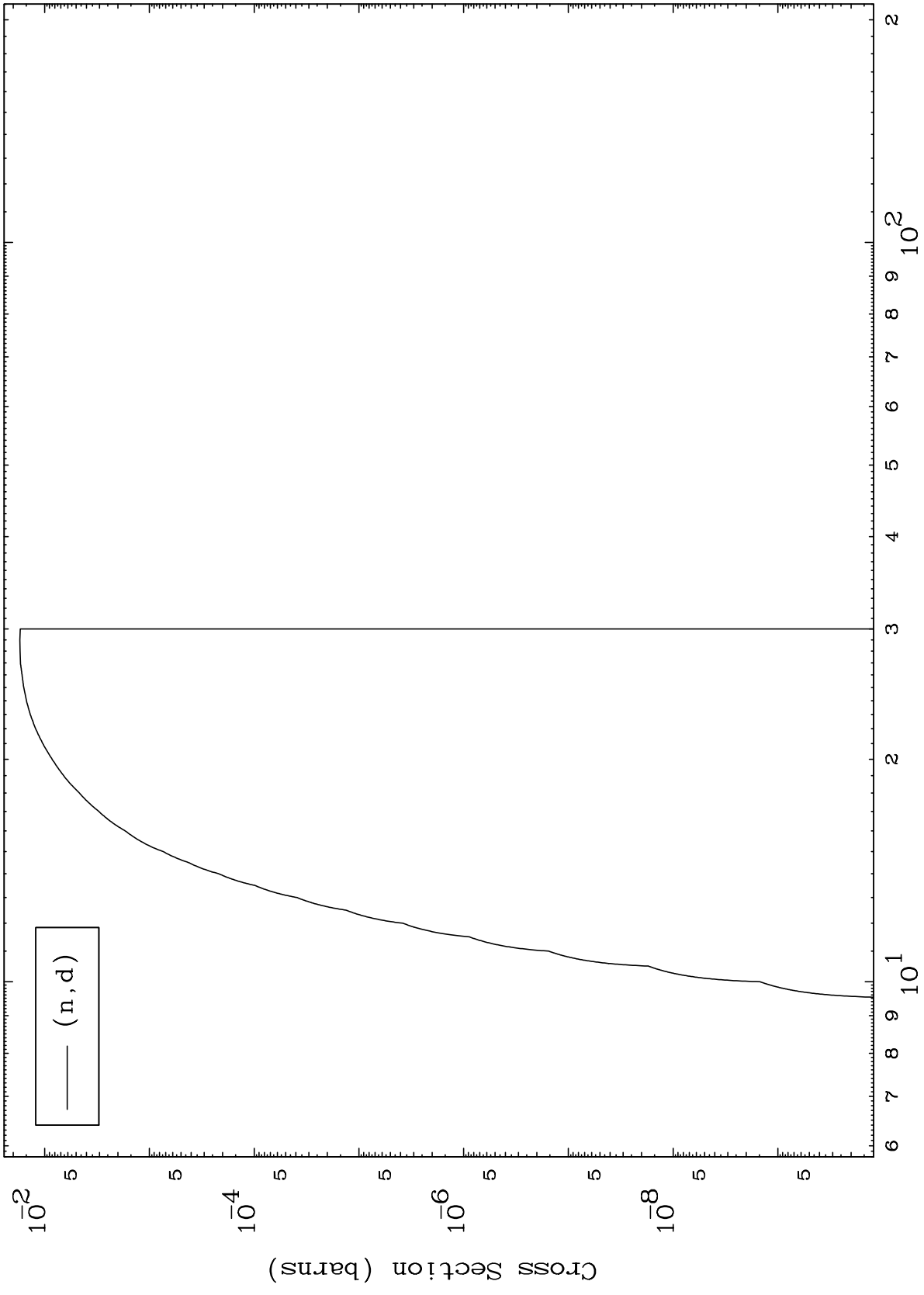
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,d) Levels
293 Kelvin Cross Sections

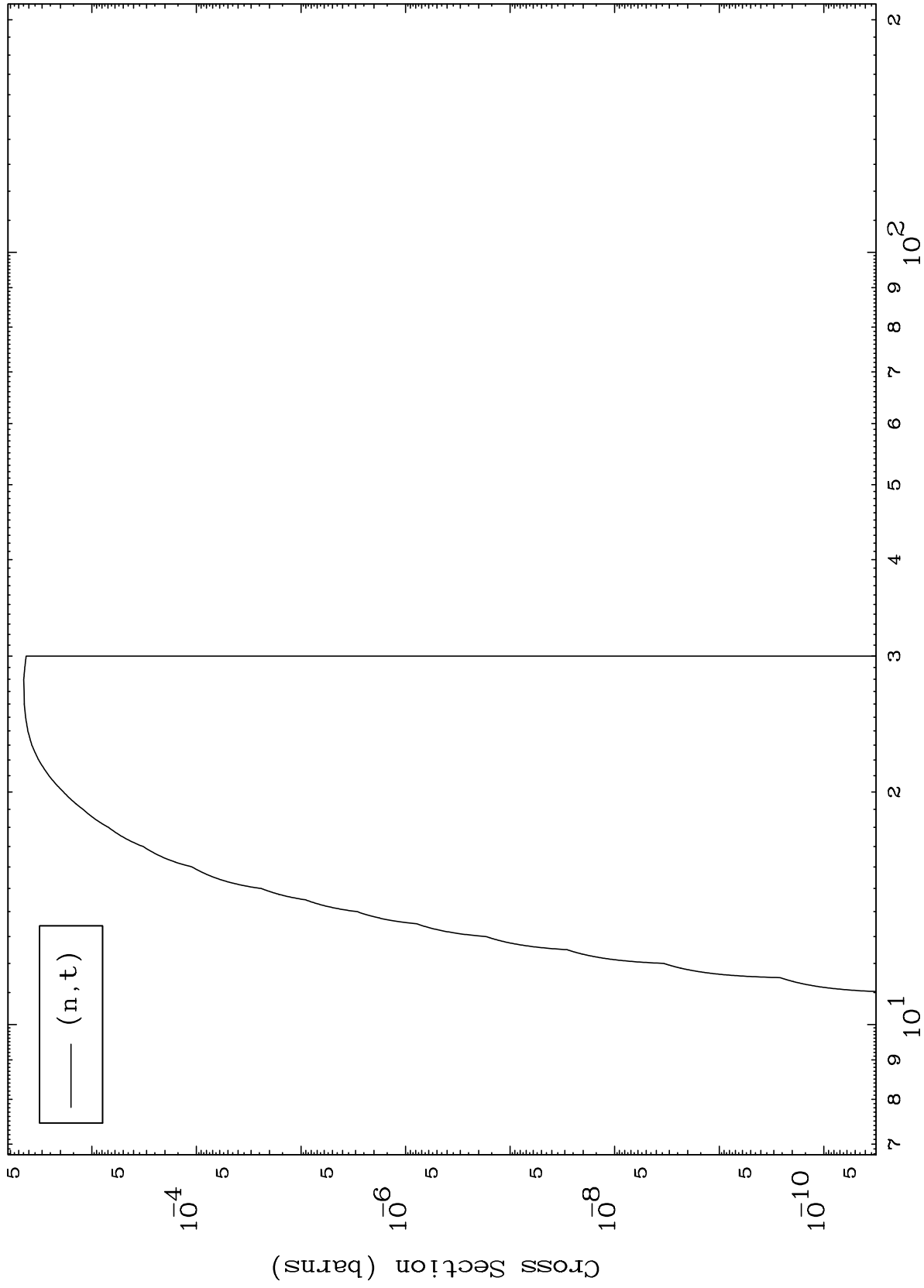
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MAT 6243

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-150



12

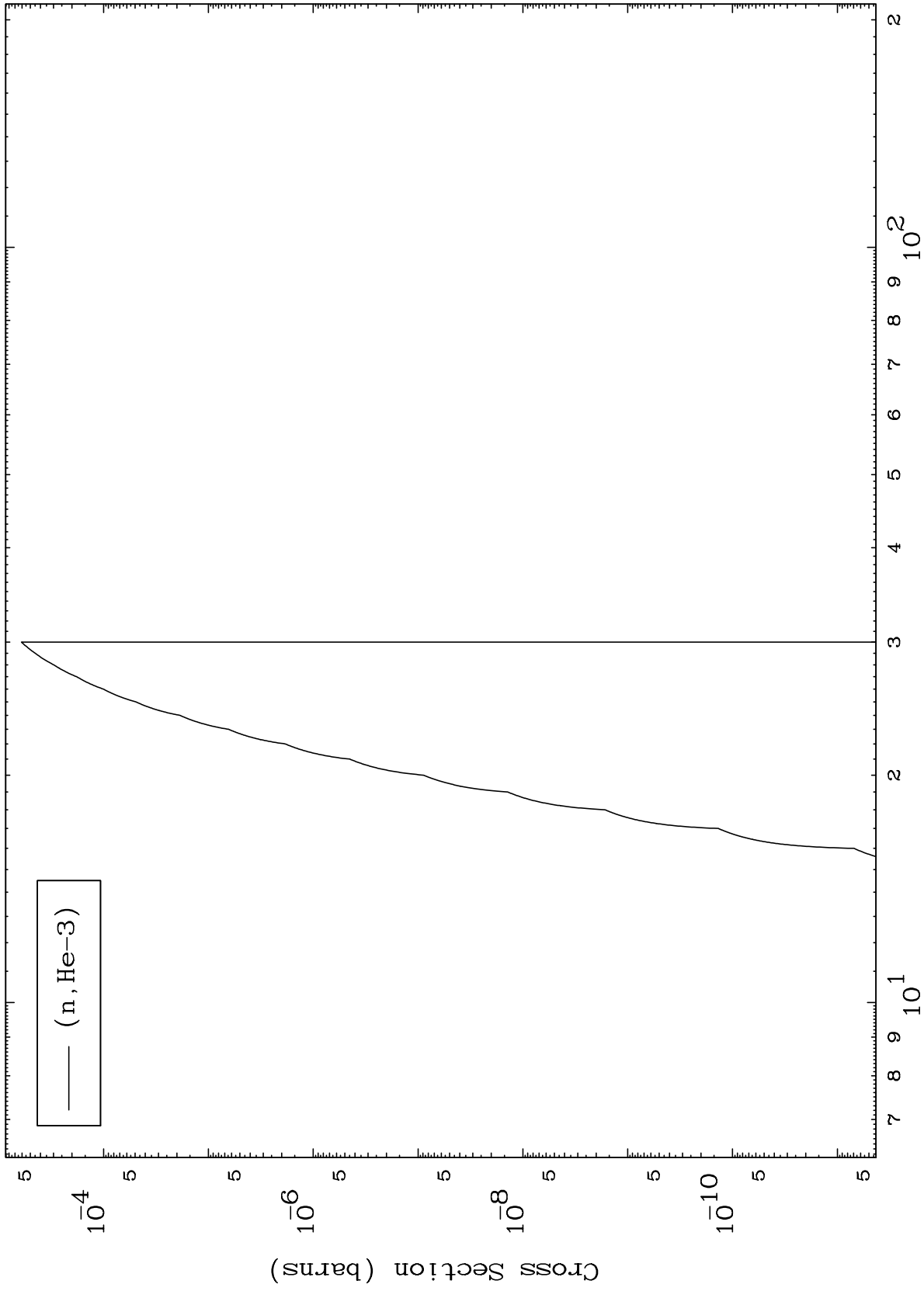
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-150



13

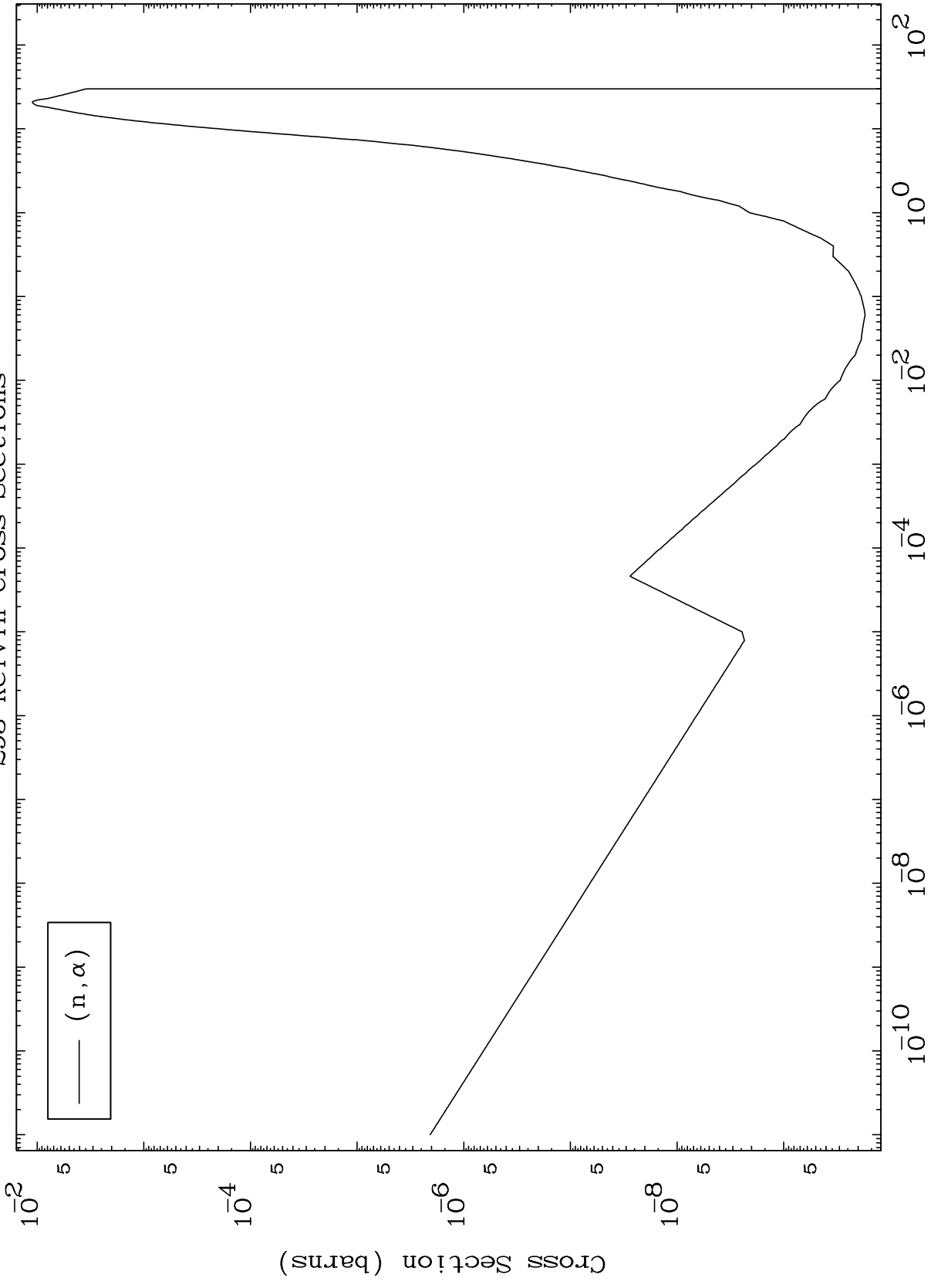
Incident Energy (MeV)

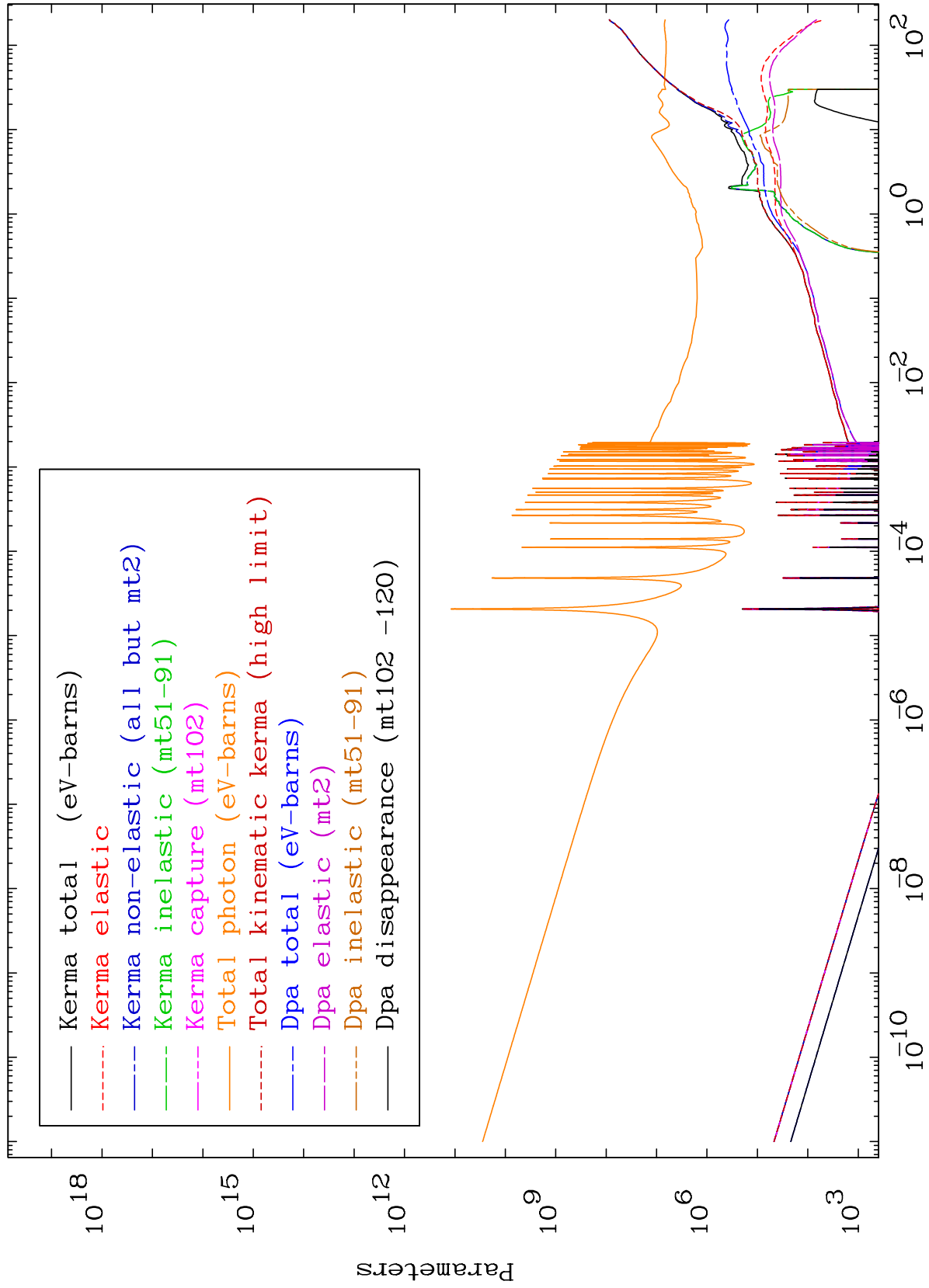
62-Sm-150

MAT 6243

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-150

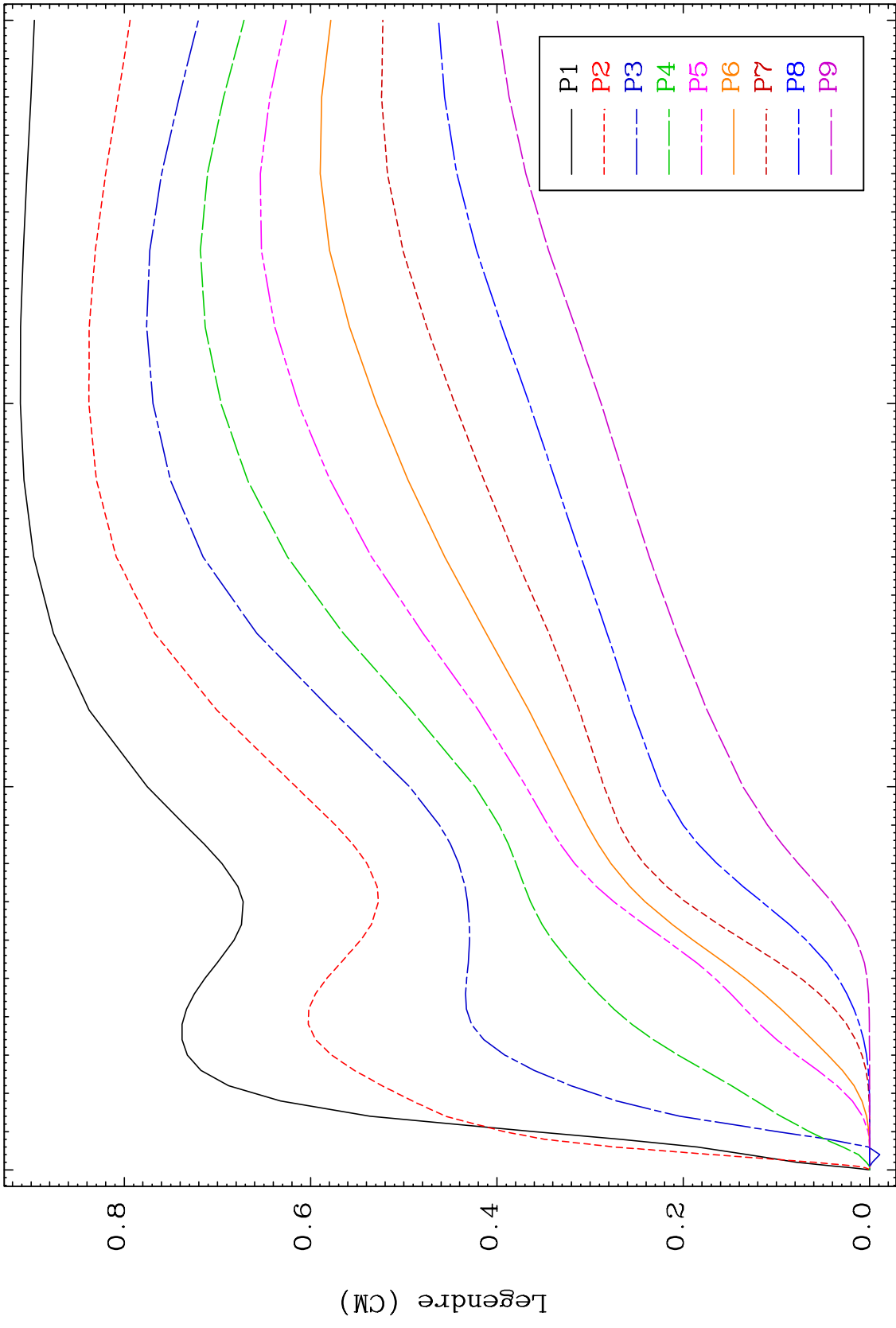




MAT 6243

Elastic Legendre Coefficients

62-Sm-150



16

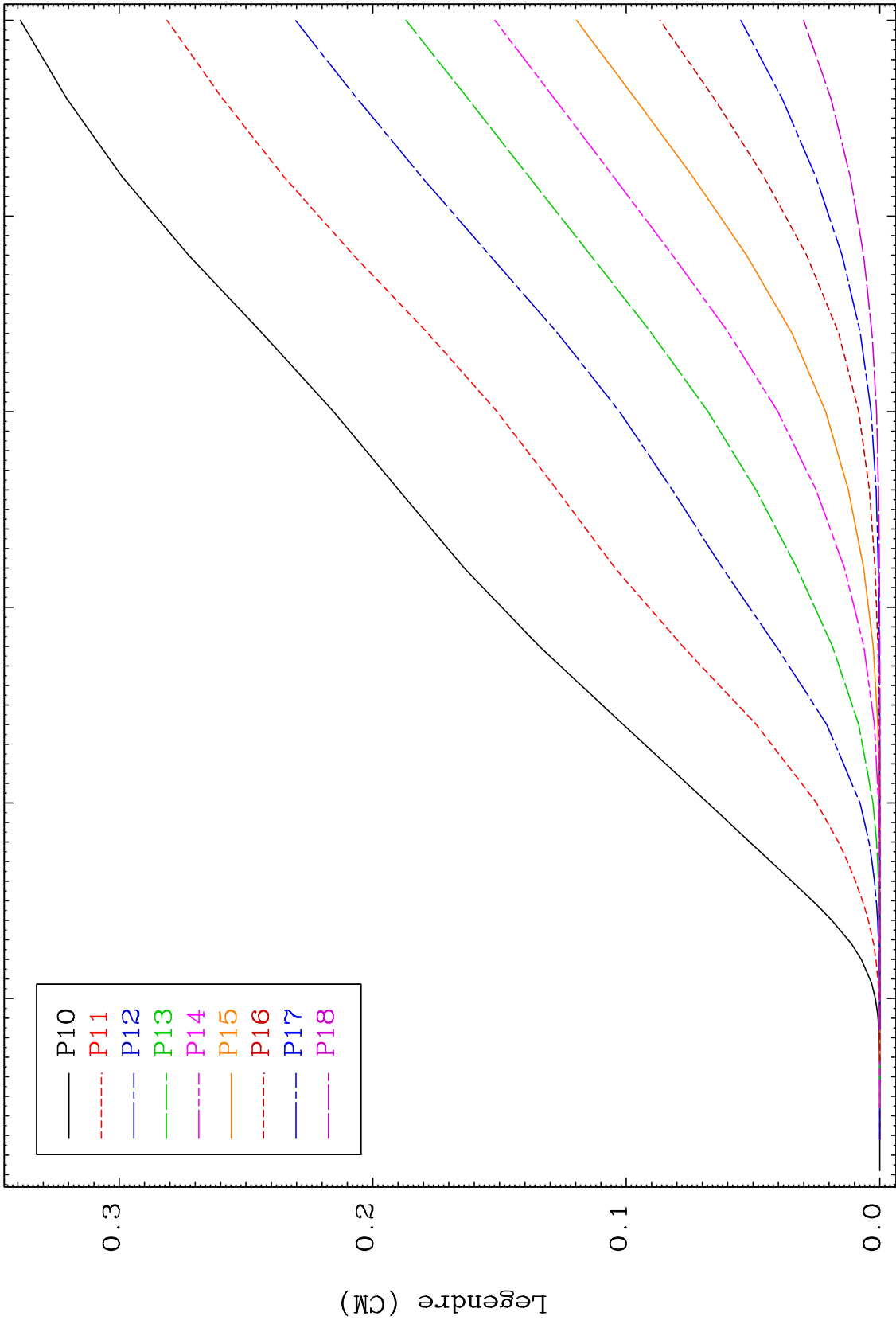
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic Legendre Coefficients

62-Sm-150



17

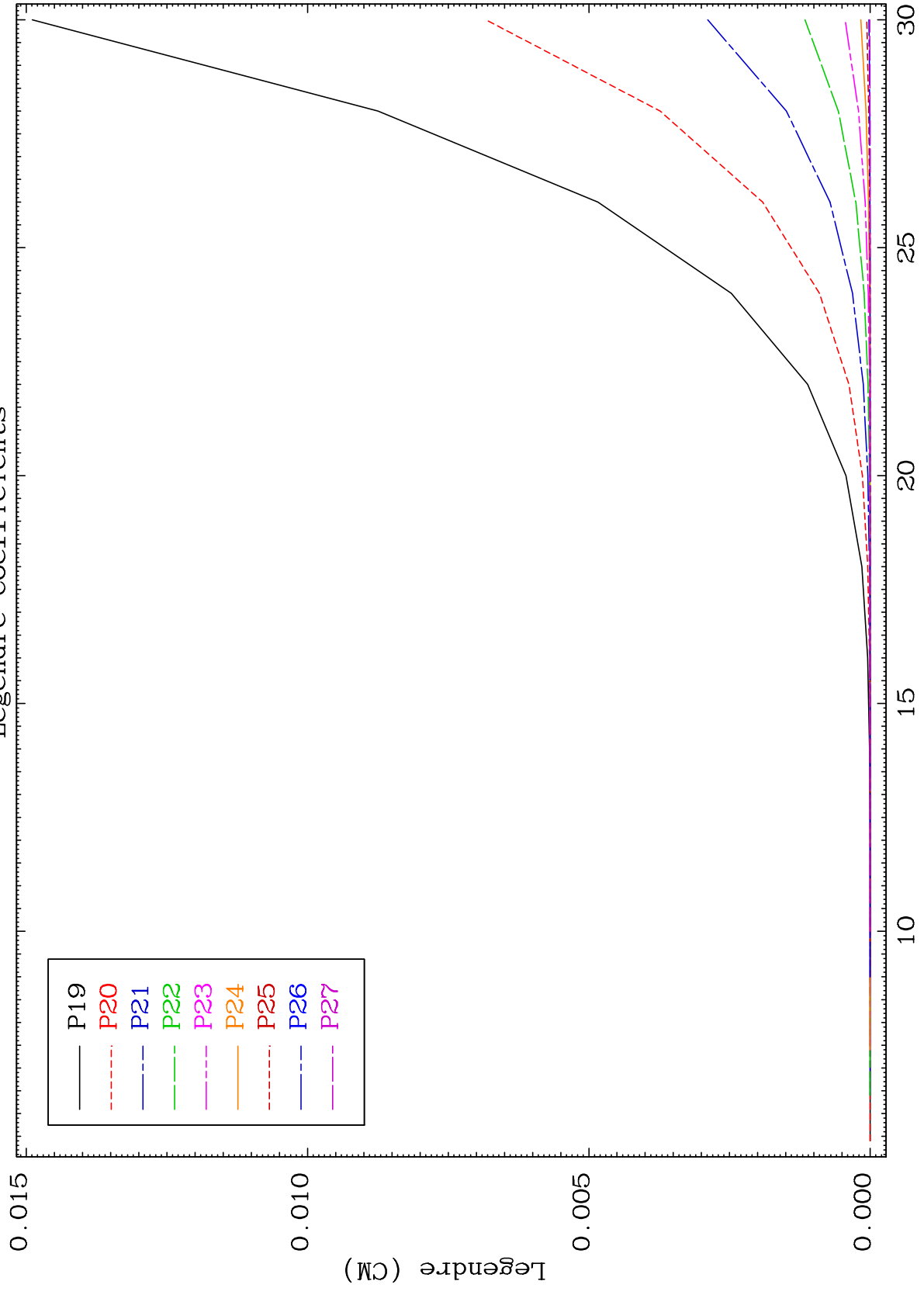
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic Legendre Coefficients

62-Sm-150



18

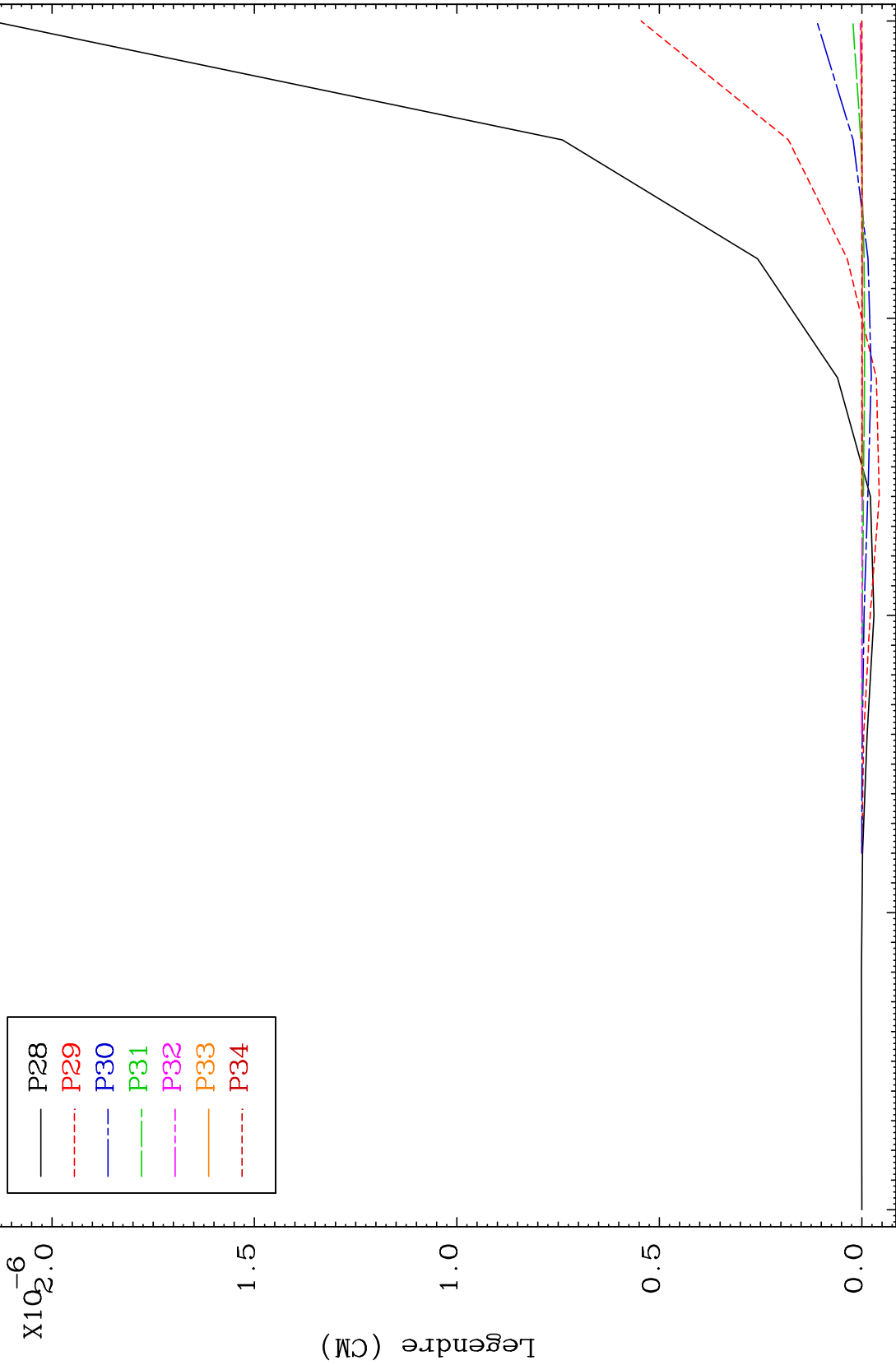
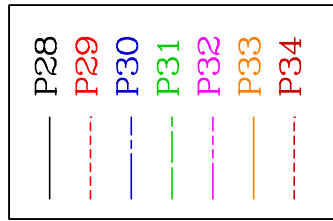
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic Legendre Coefficients

62-Sm-150



19

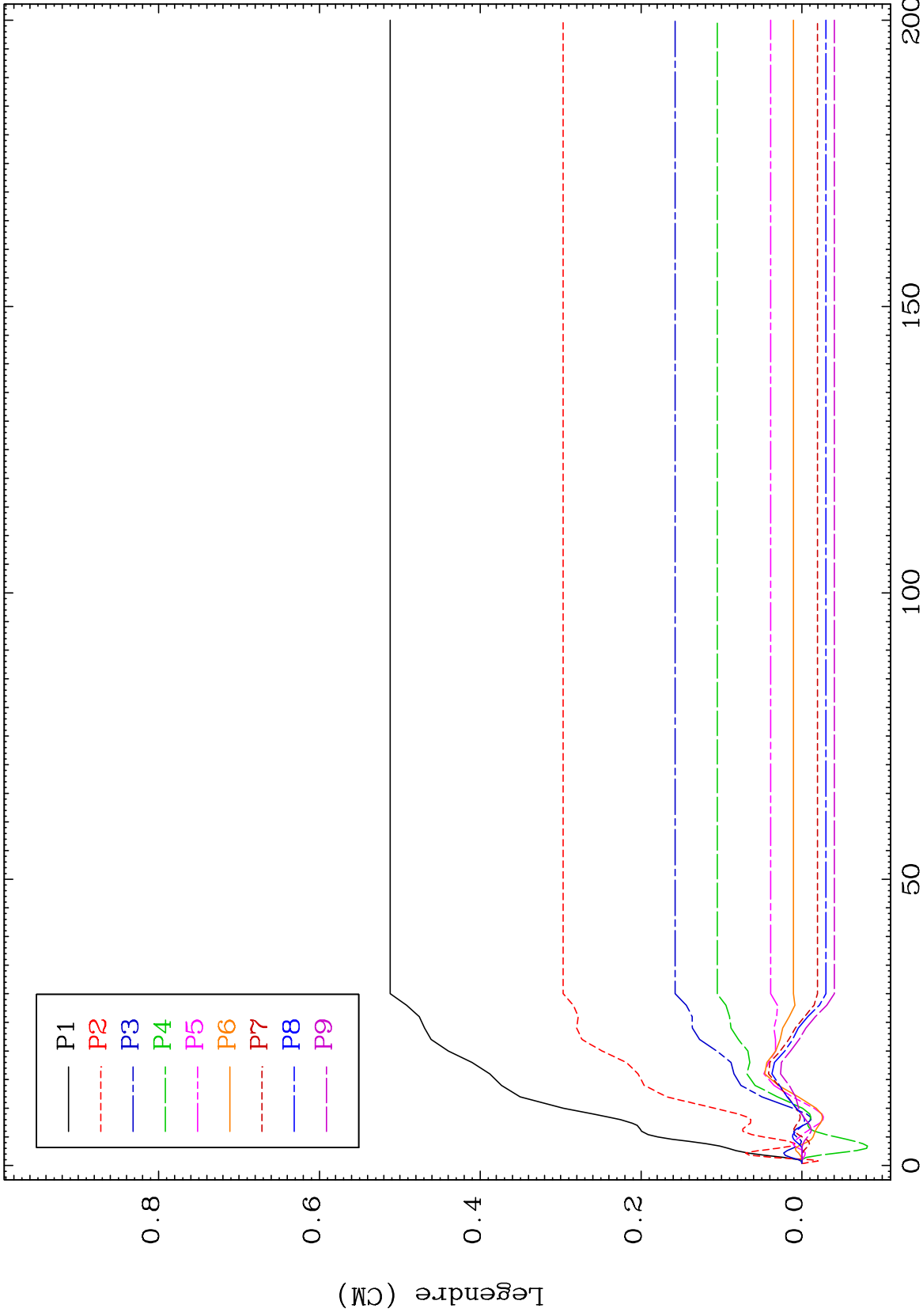
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

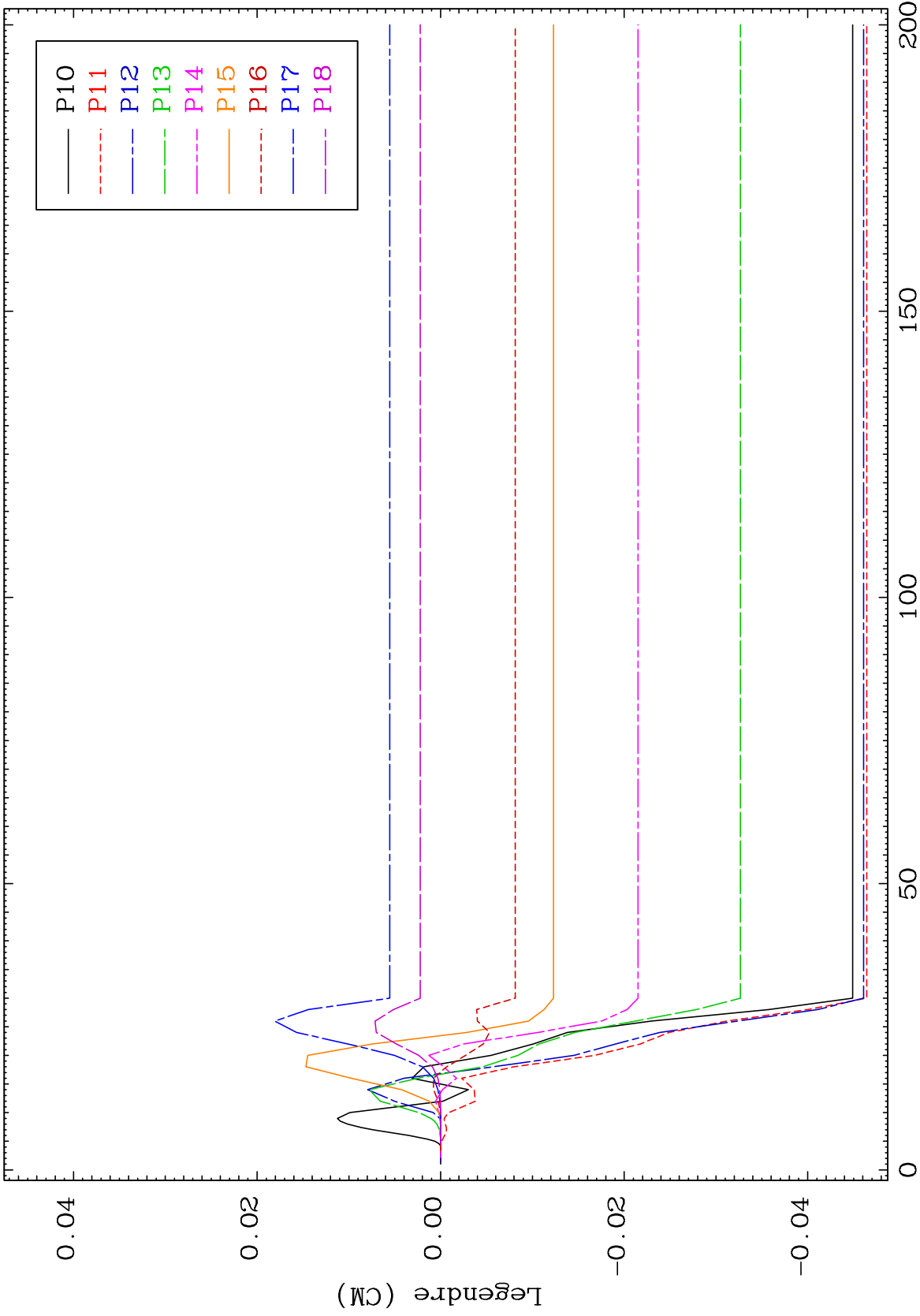
Incident Energy (MeV)

20

MAT 6243

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

62-Sm-150



21

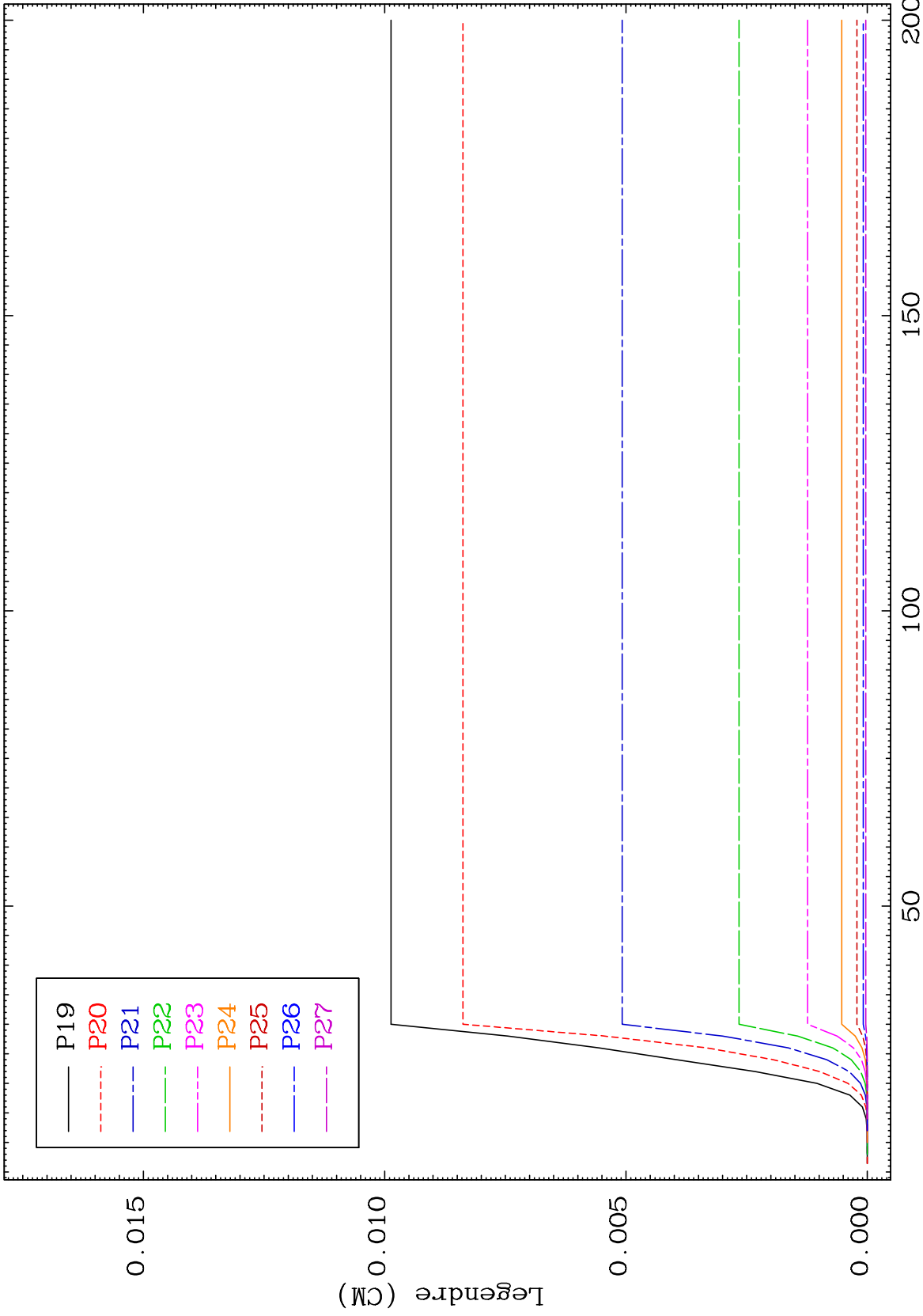
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



22

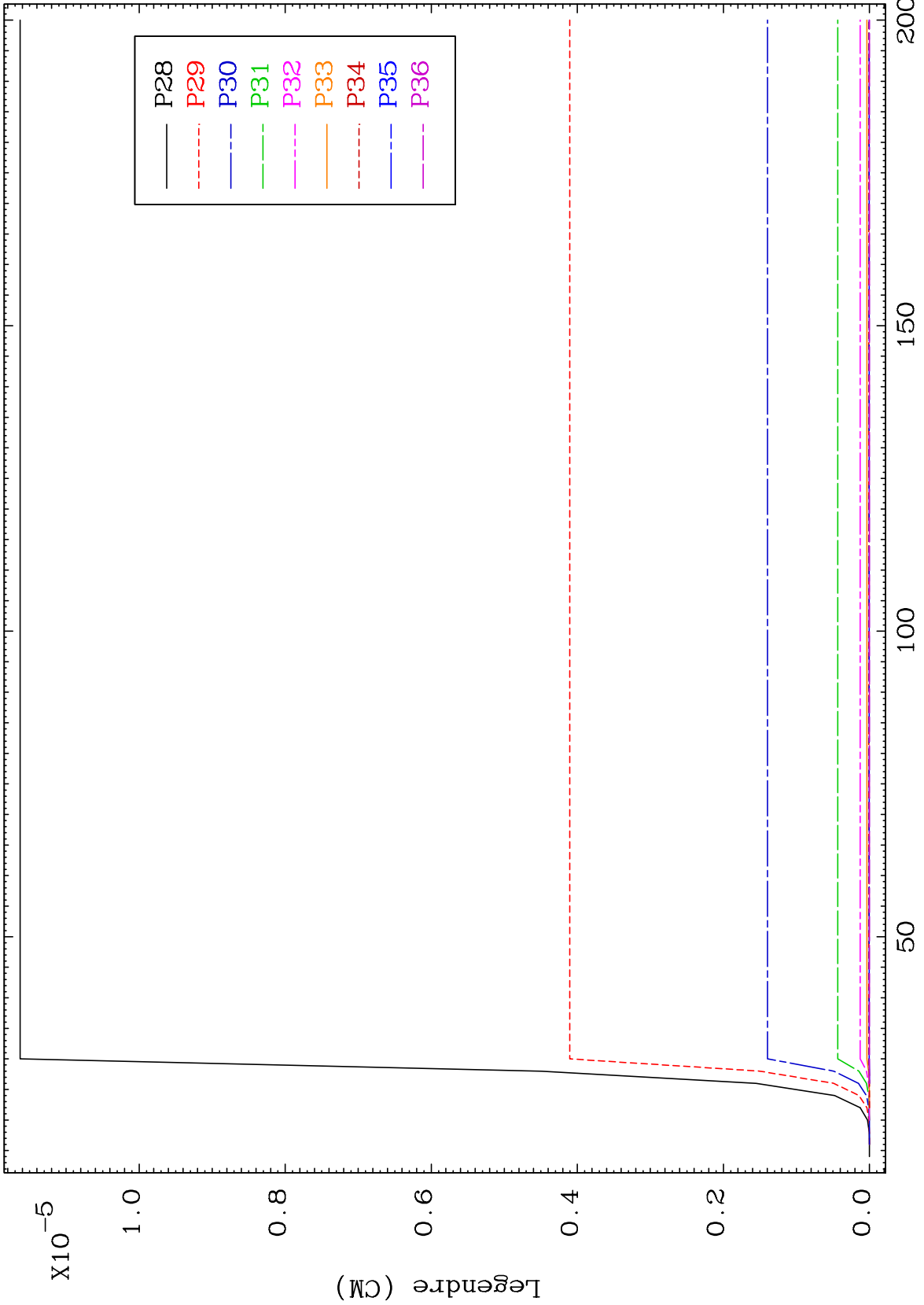
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

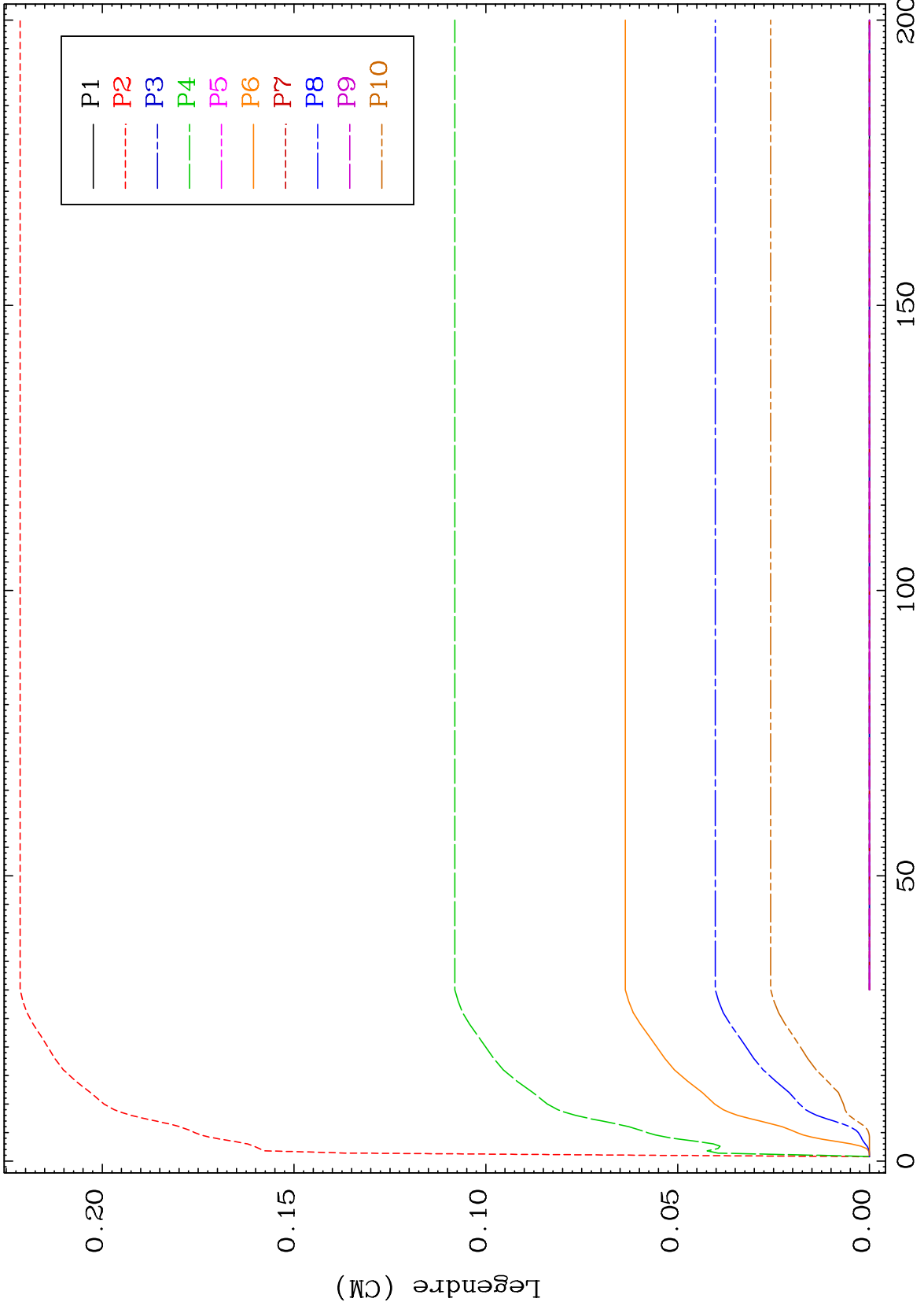
62-Sm-150



23

62-Sm-150

MAT 6243 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-150

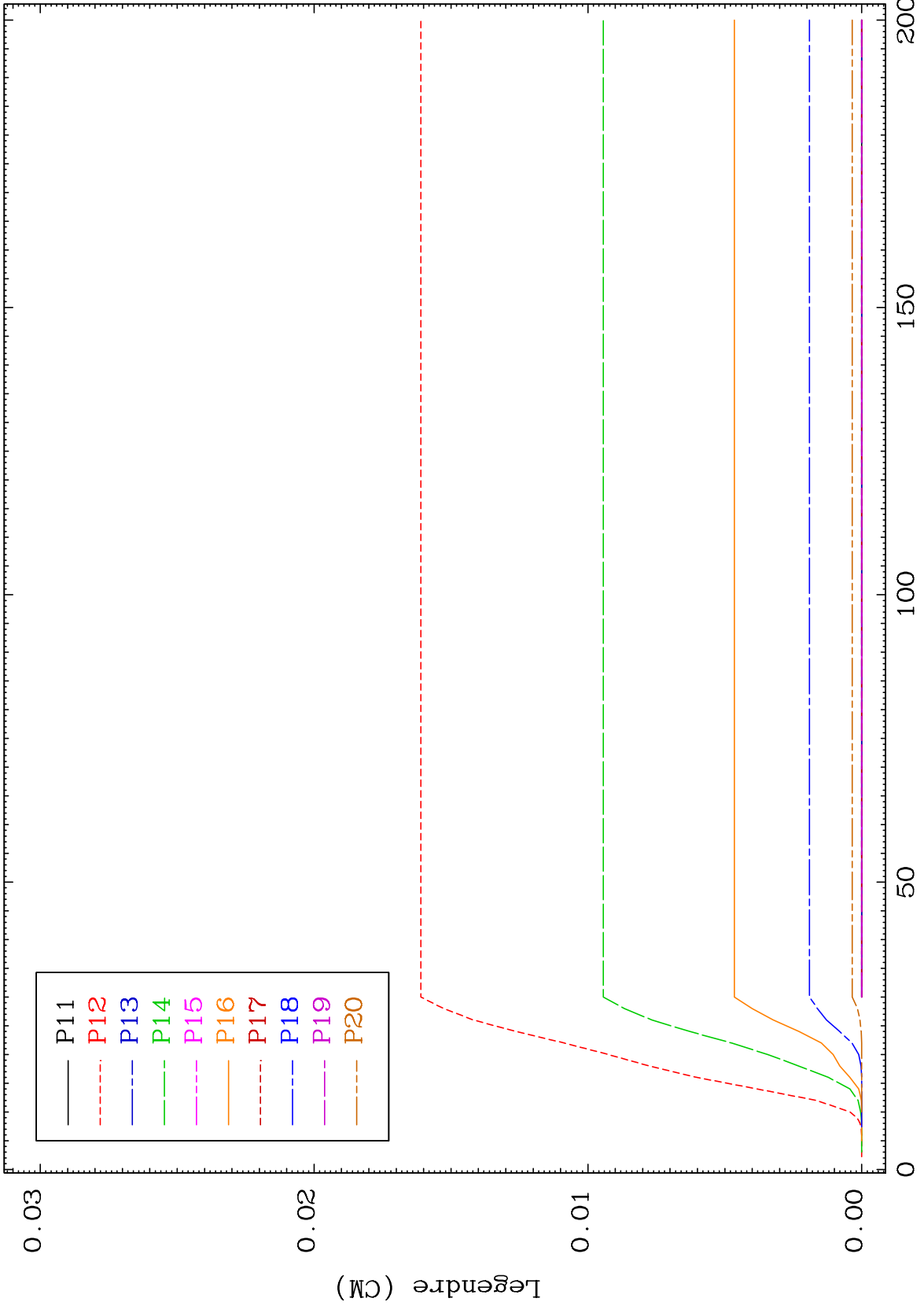


24 62-Sm-150

MAT 6243

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

62-Sm-150



25

50

100

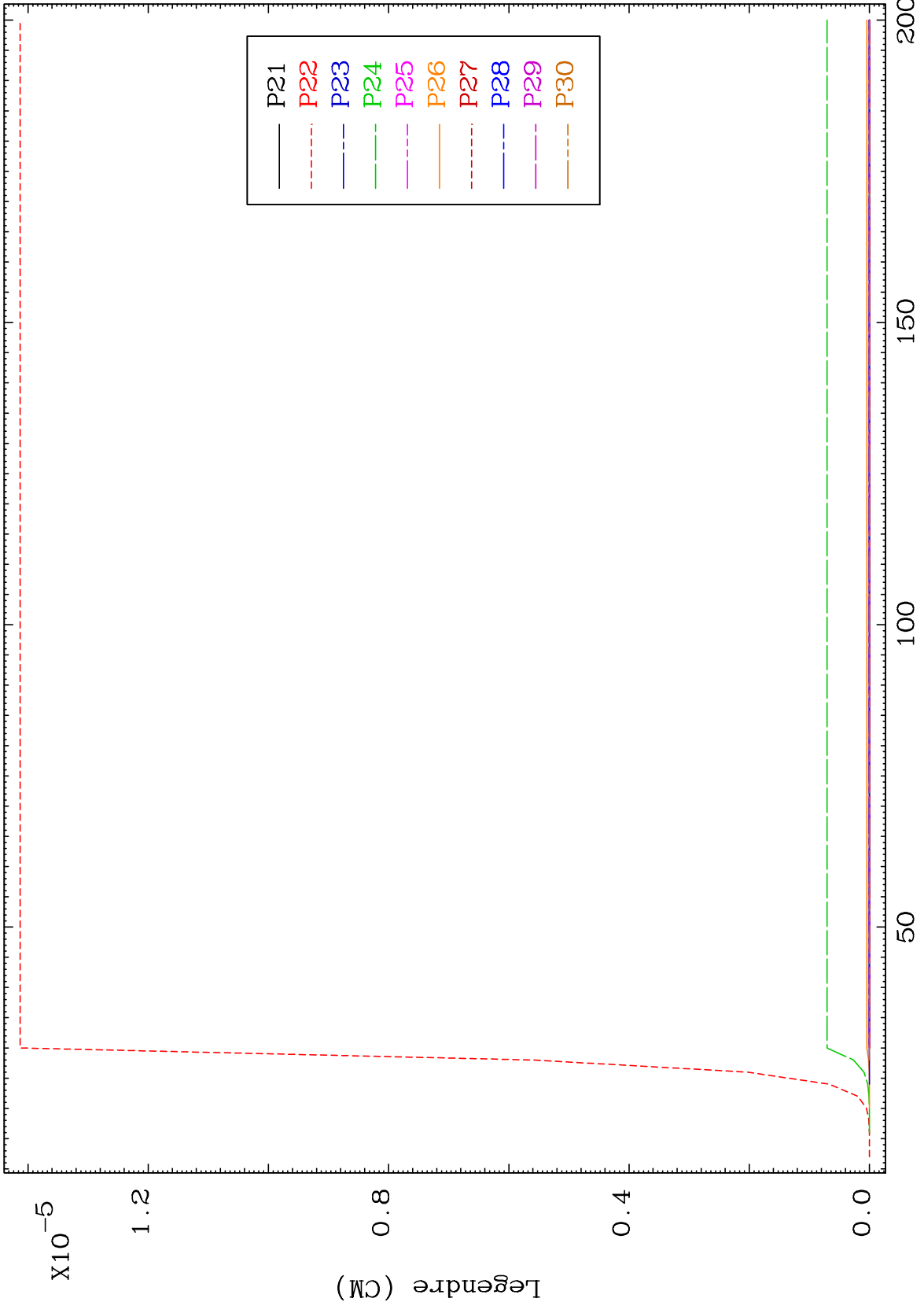
150

200

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-150

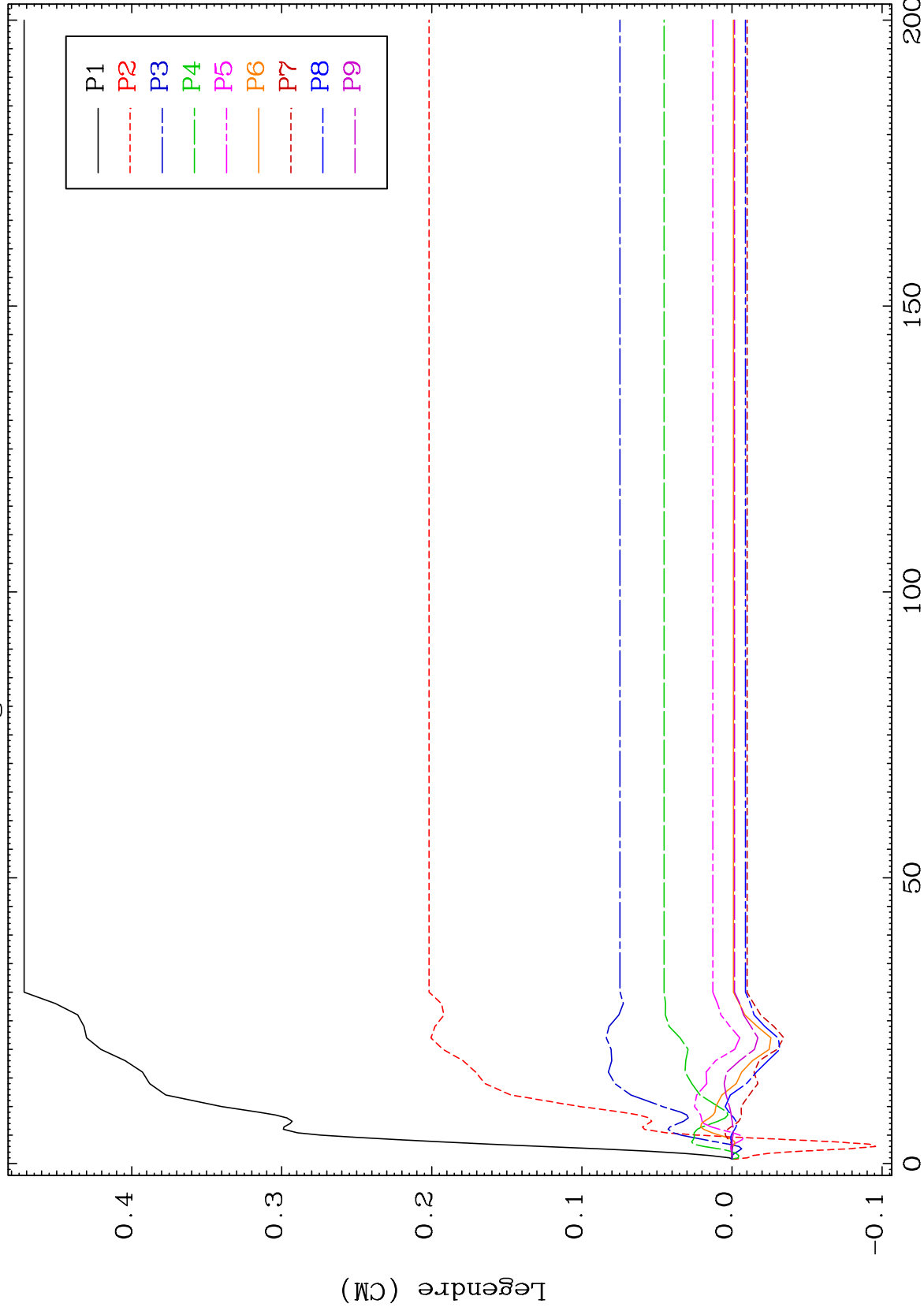


26 Incident Energy (MeV) 62-Sm-150

MAT 6243

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

62-Sm-150



27

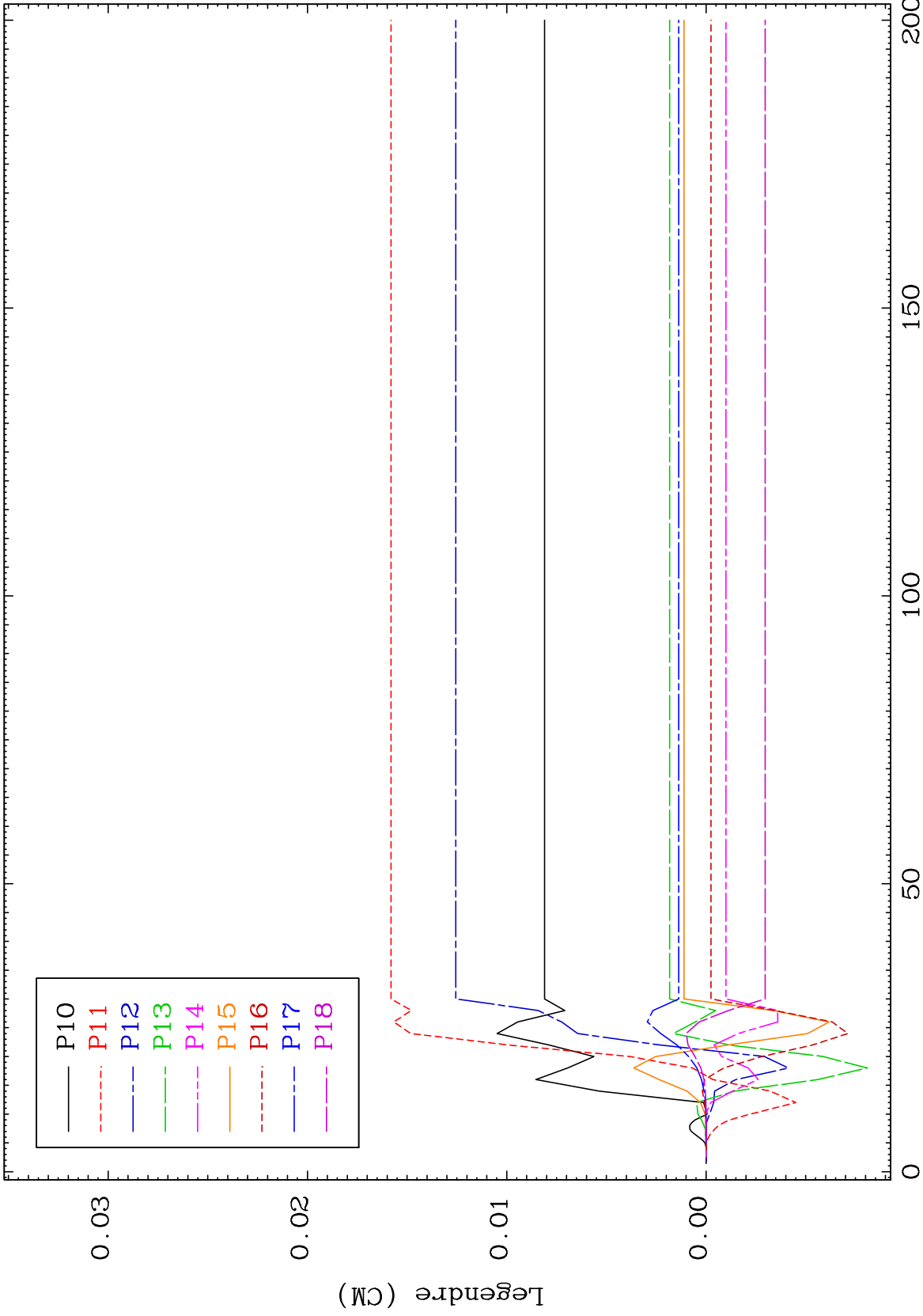
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



28

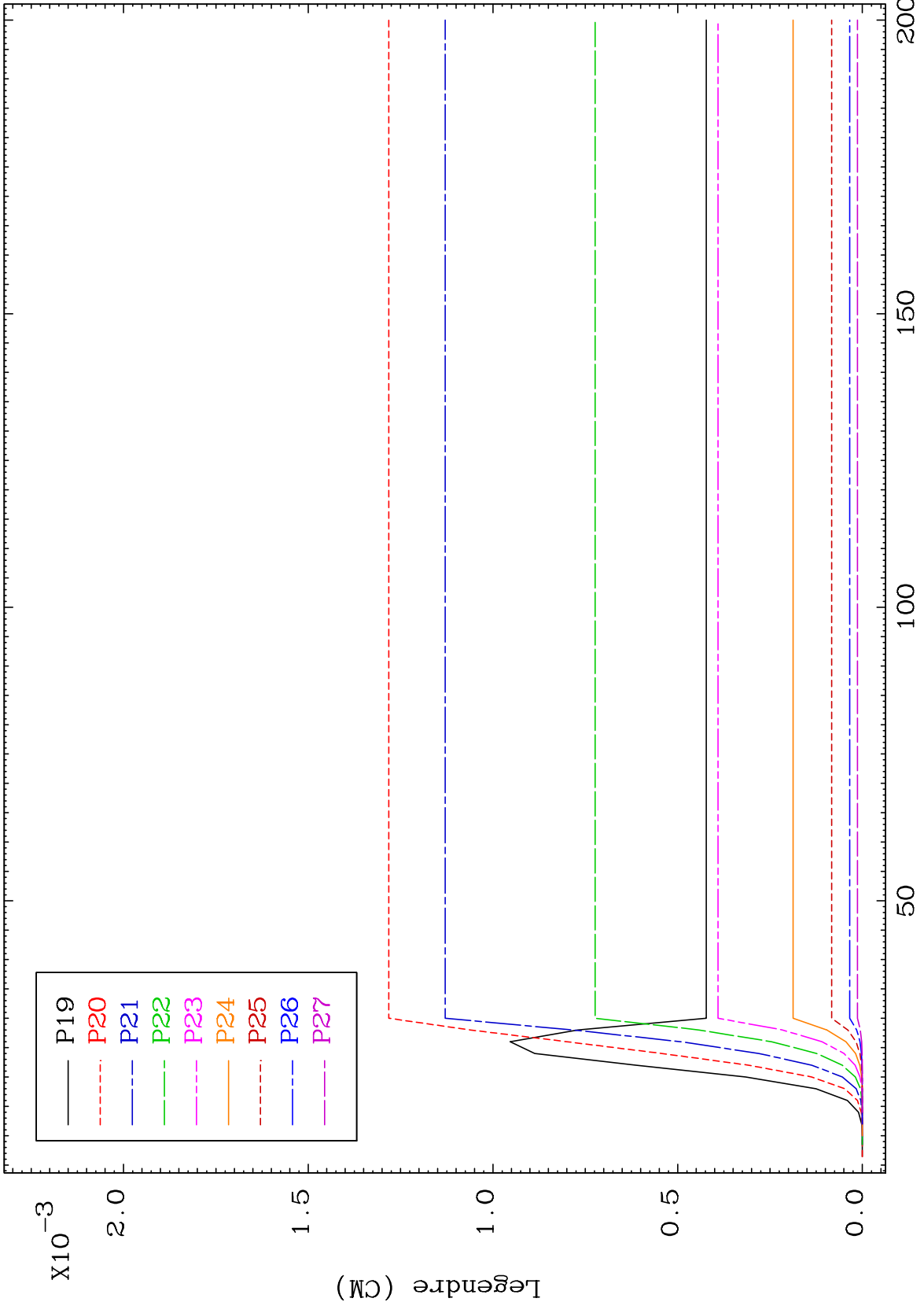
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



29

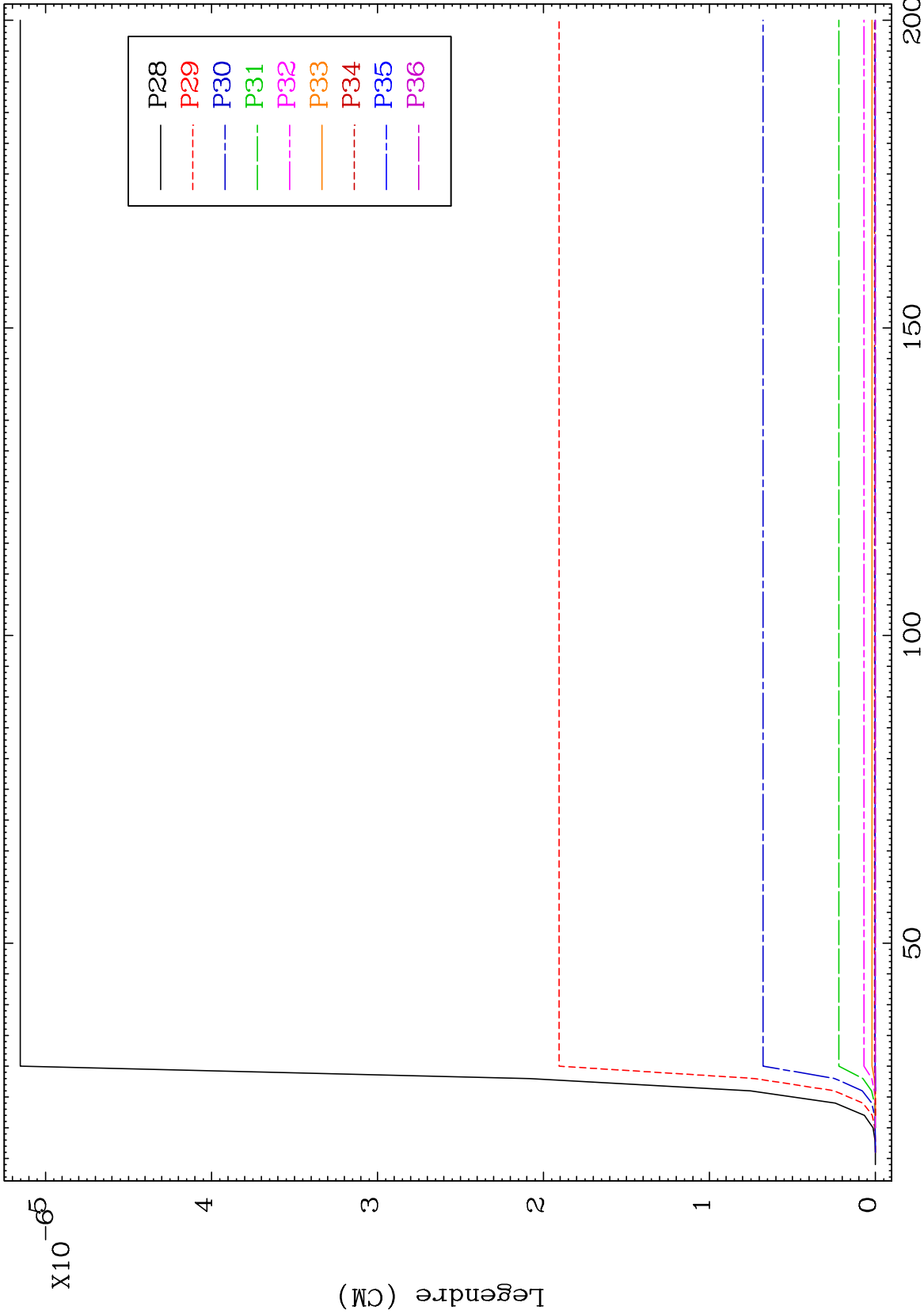
Incident Energy (MeV)

62-Sm-150

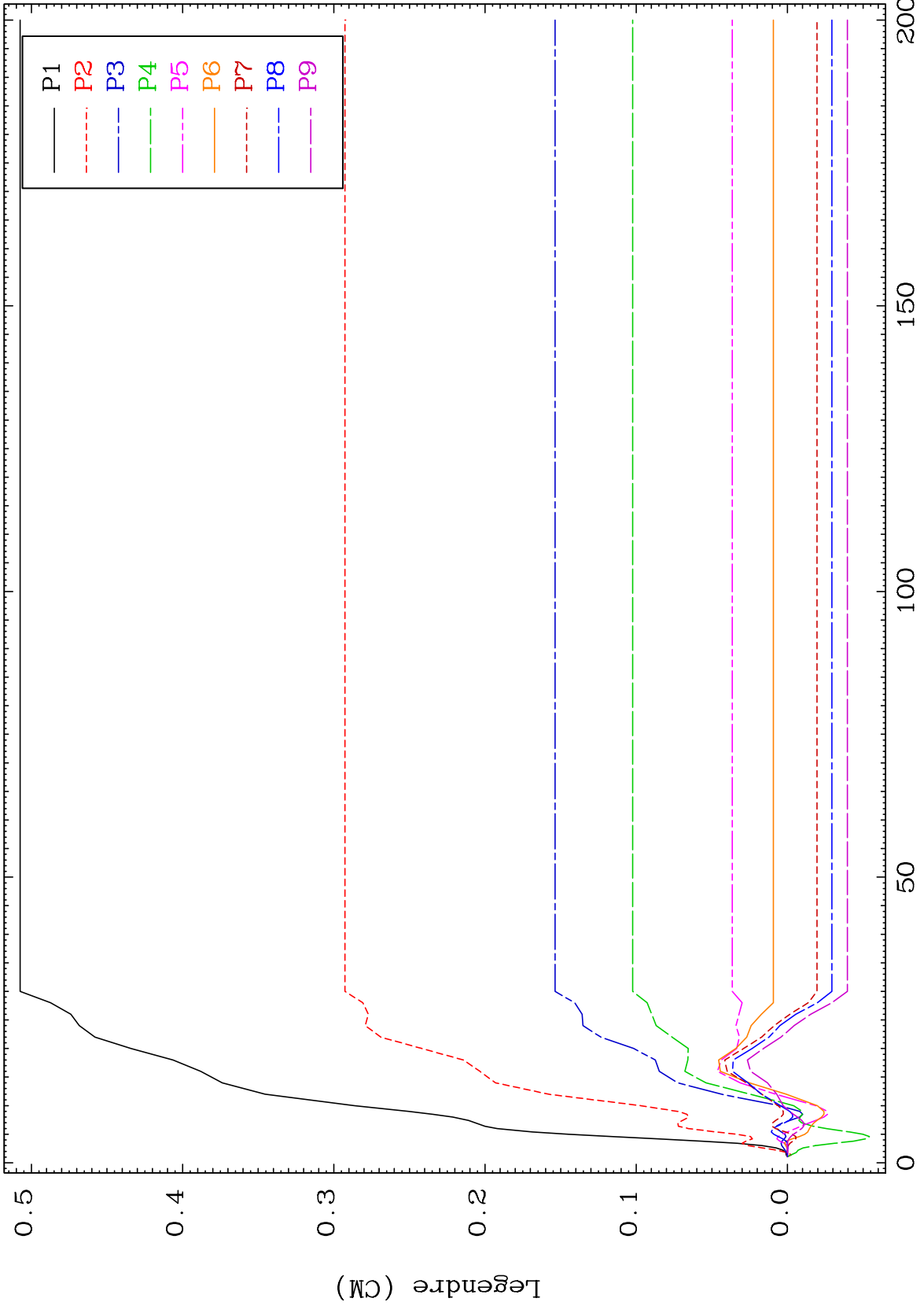
MAT 6243

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

62-Sm-150



MAT 6243 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-150

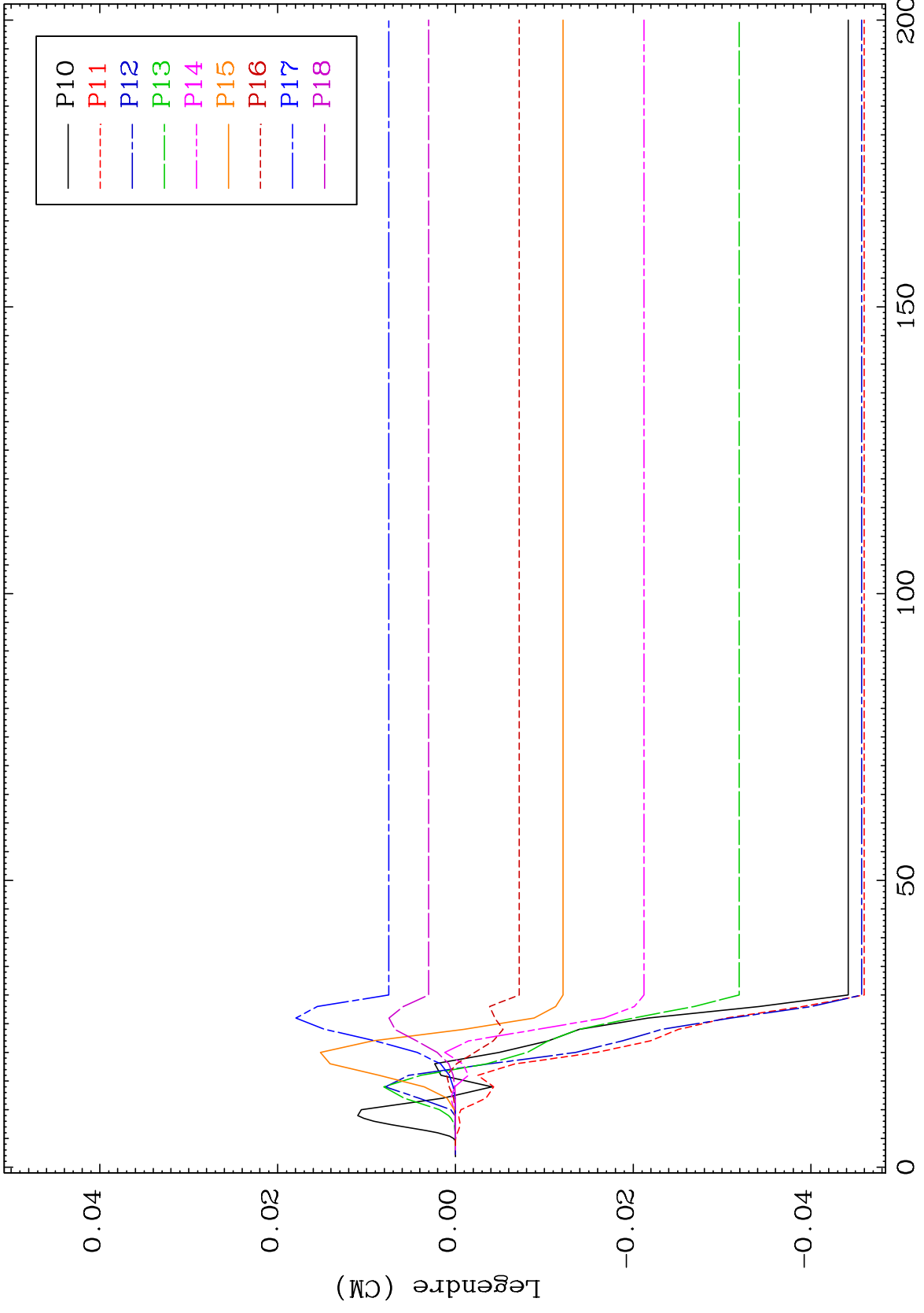


31 62-Sm-150

MAT 6243

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

62-Sm-150



32

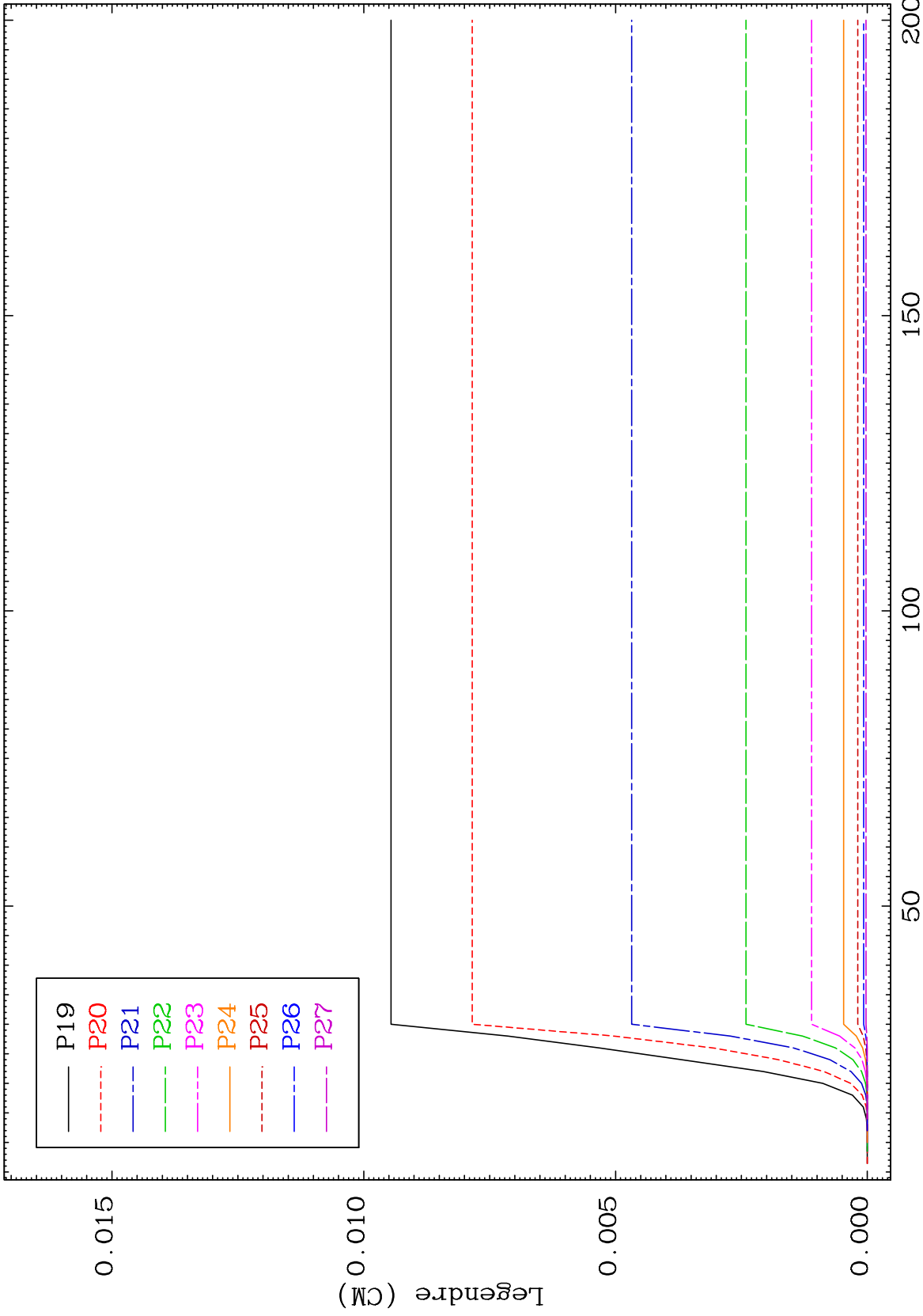
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



33

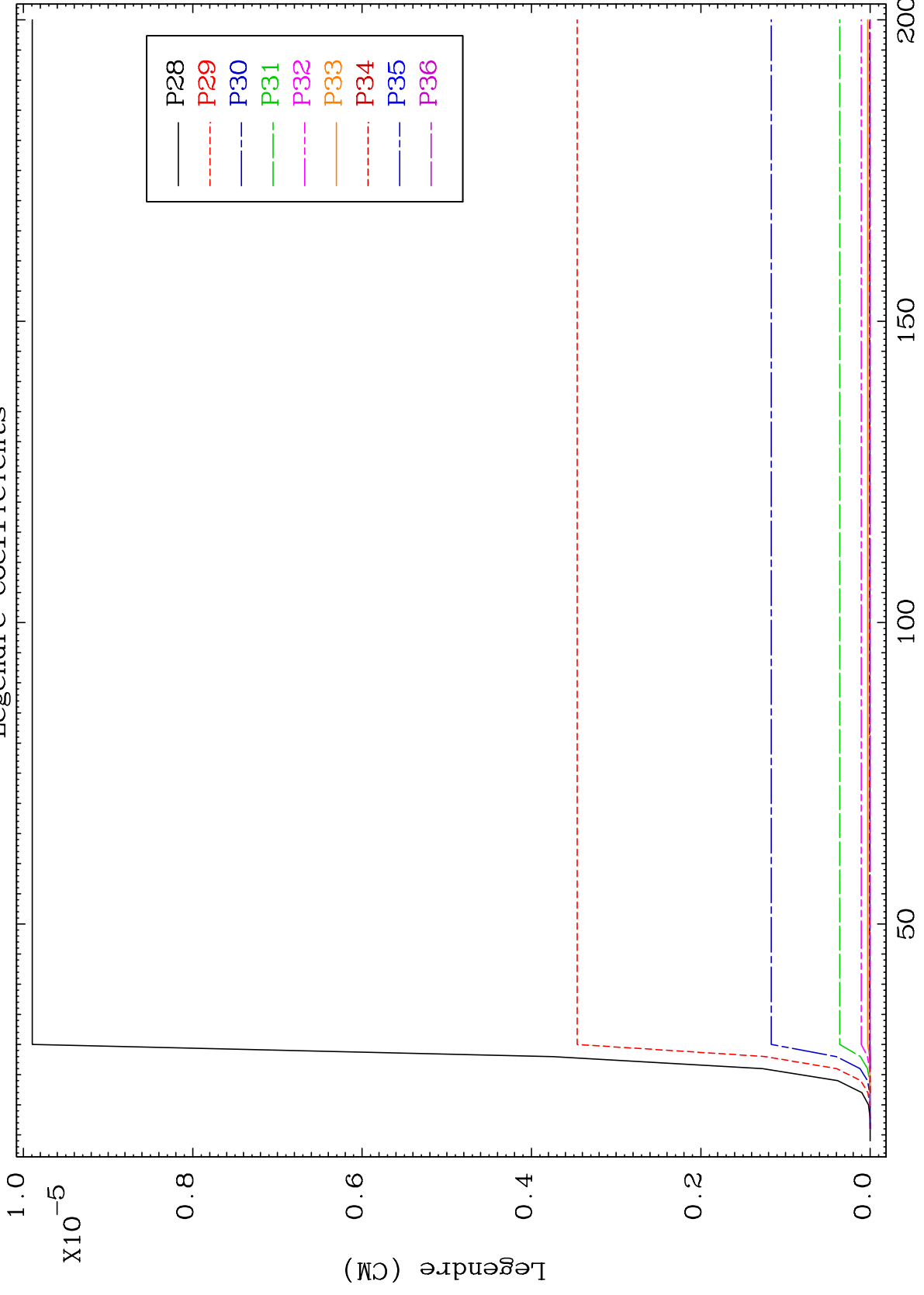
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

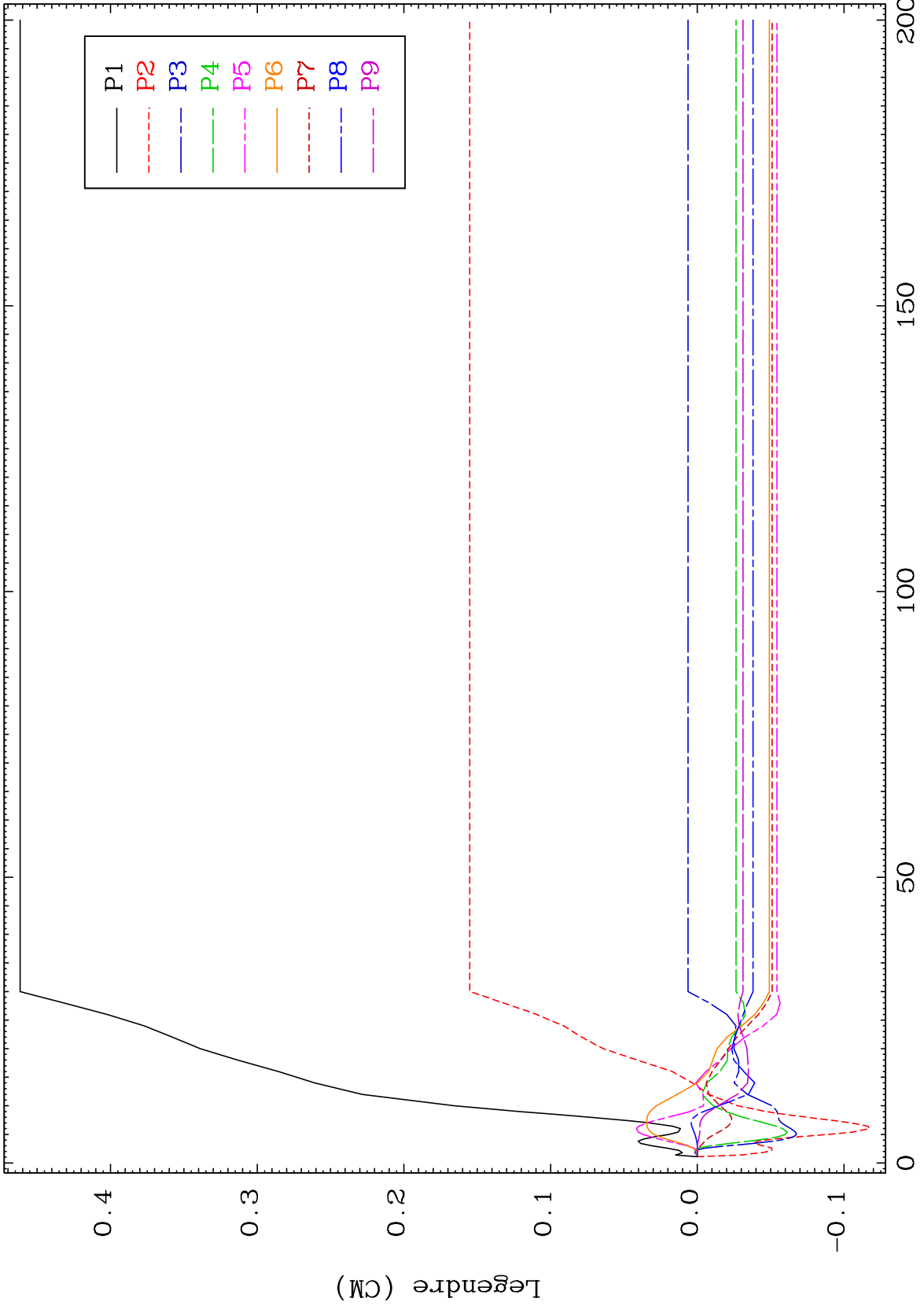
Incident Energy (MeV)

34

MAT 6243

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

62-Sm-150



35

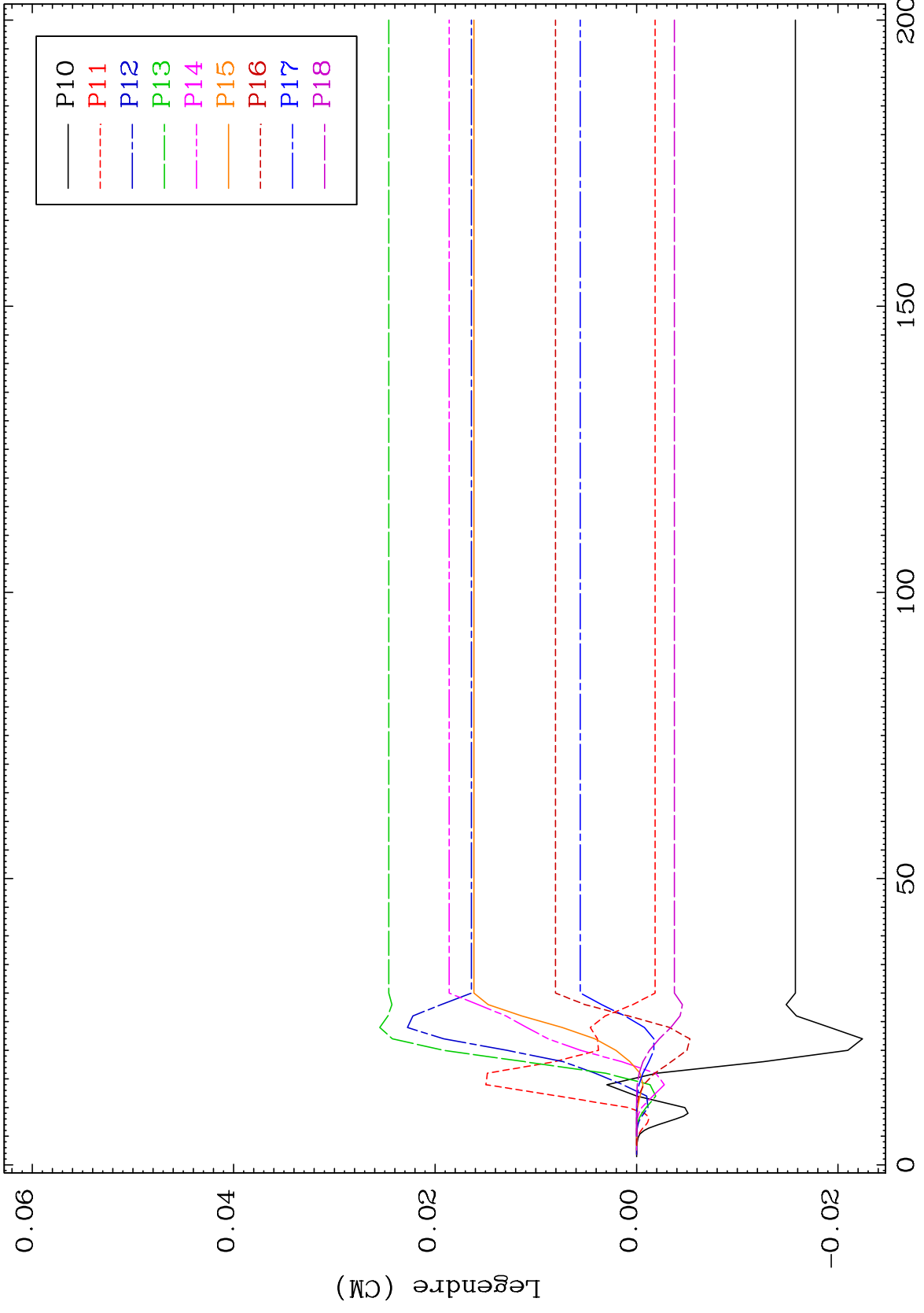
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



36

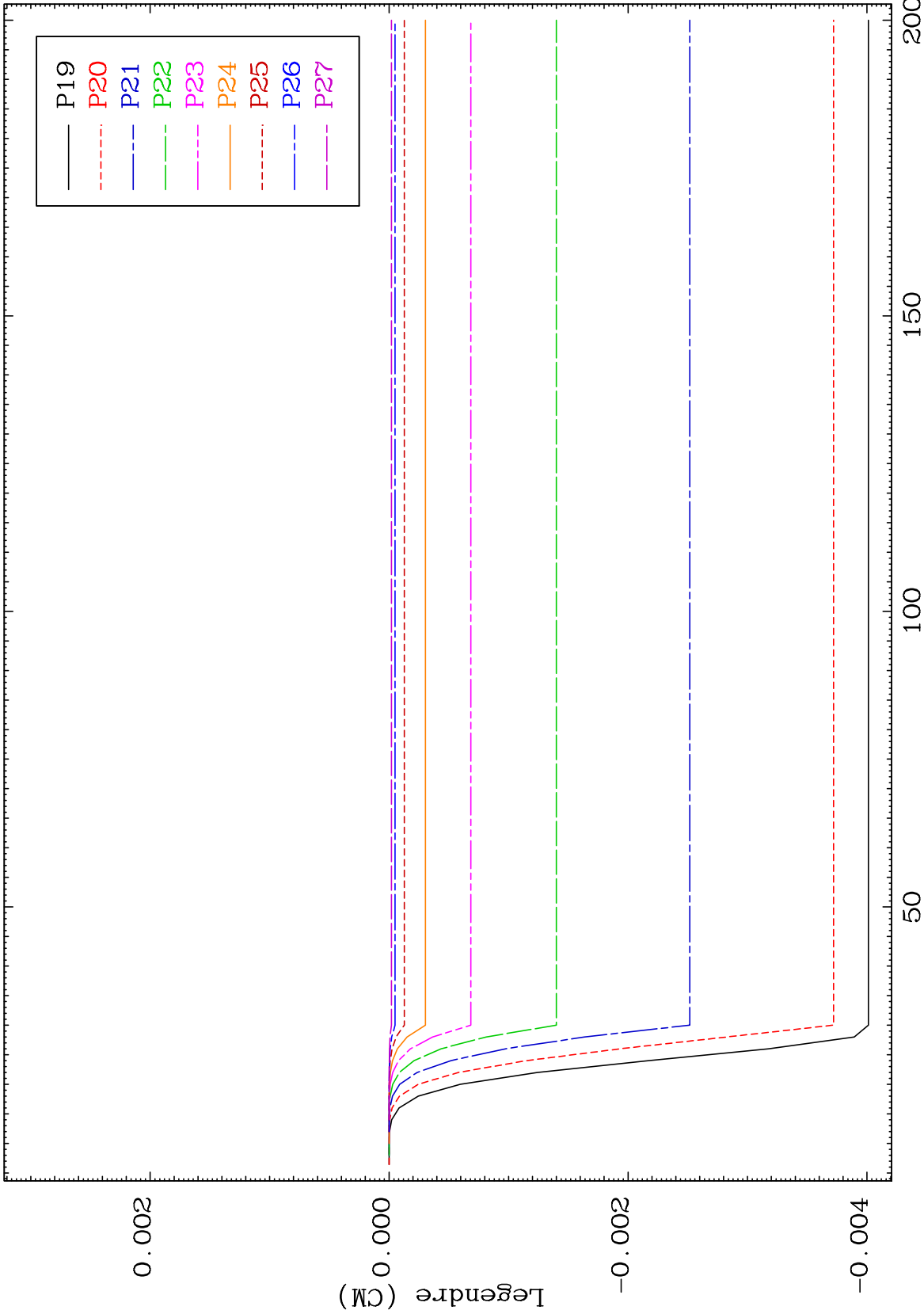
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



37

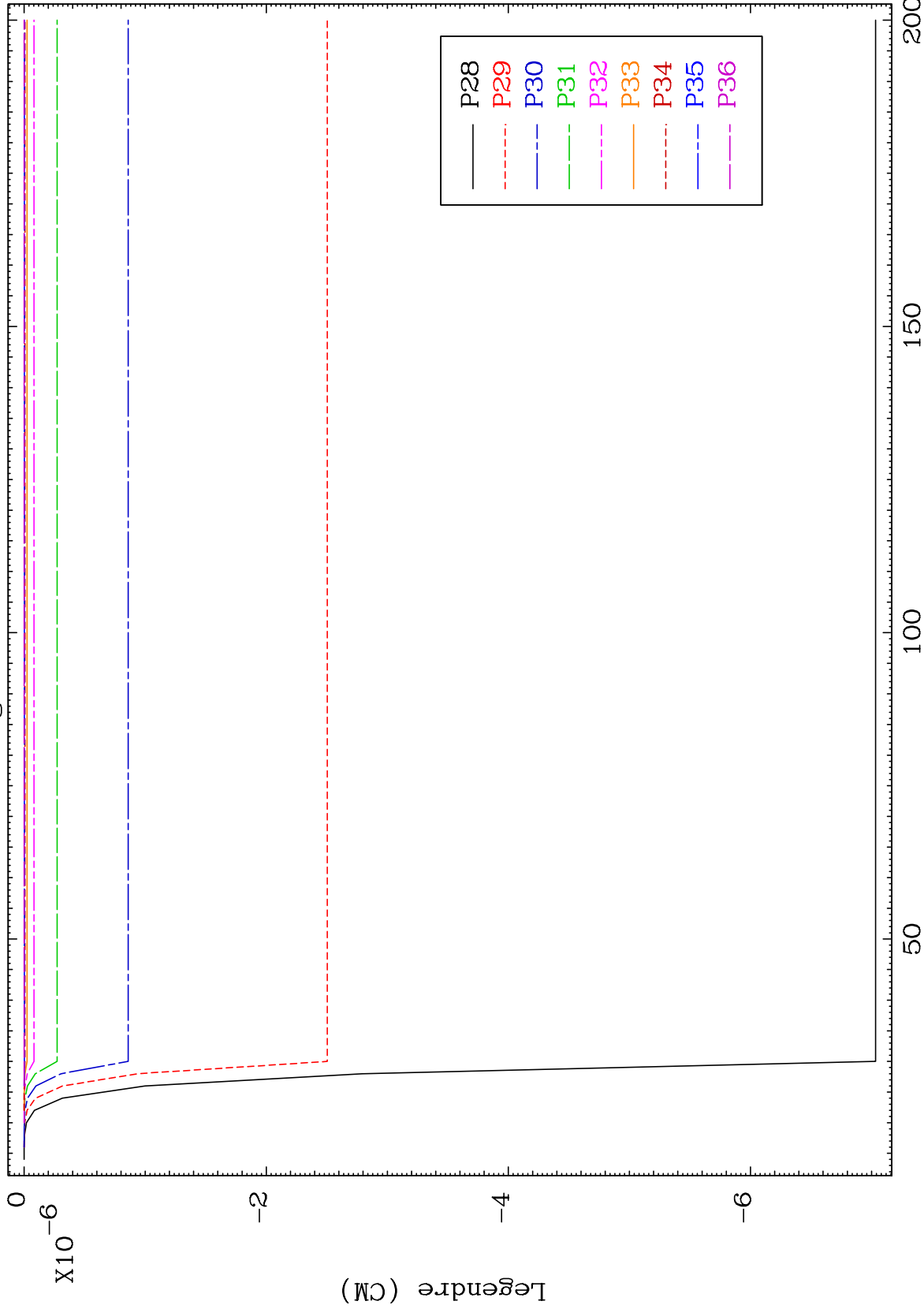
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

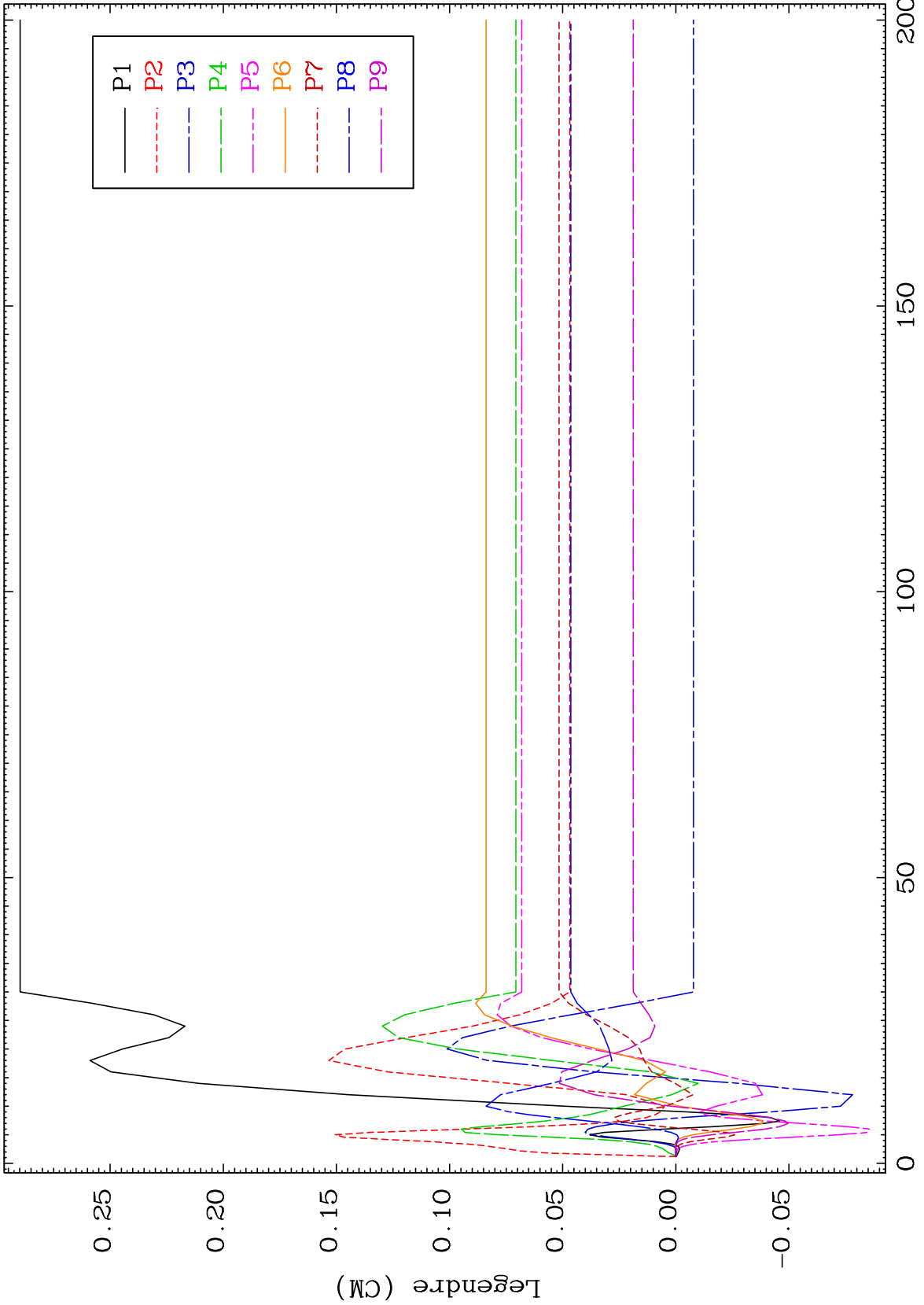
Incident Energy (MeV)

38

MAT 6243

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

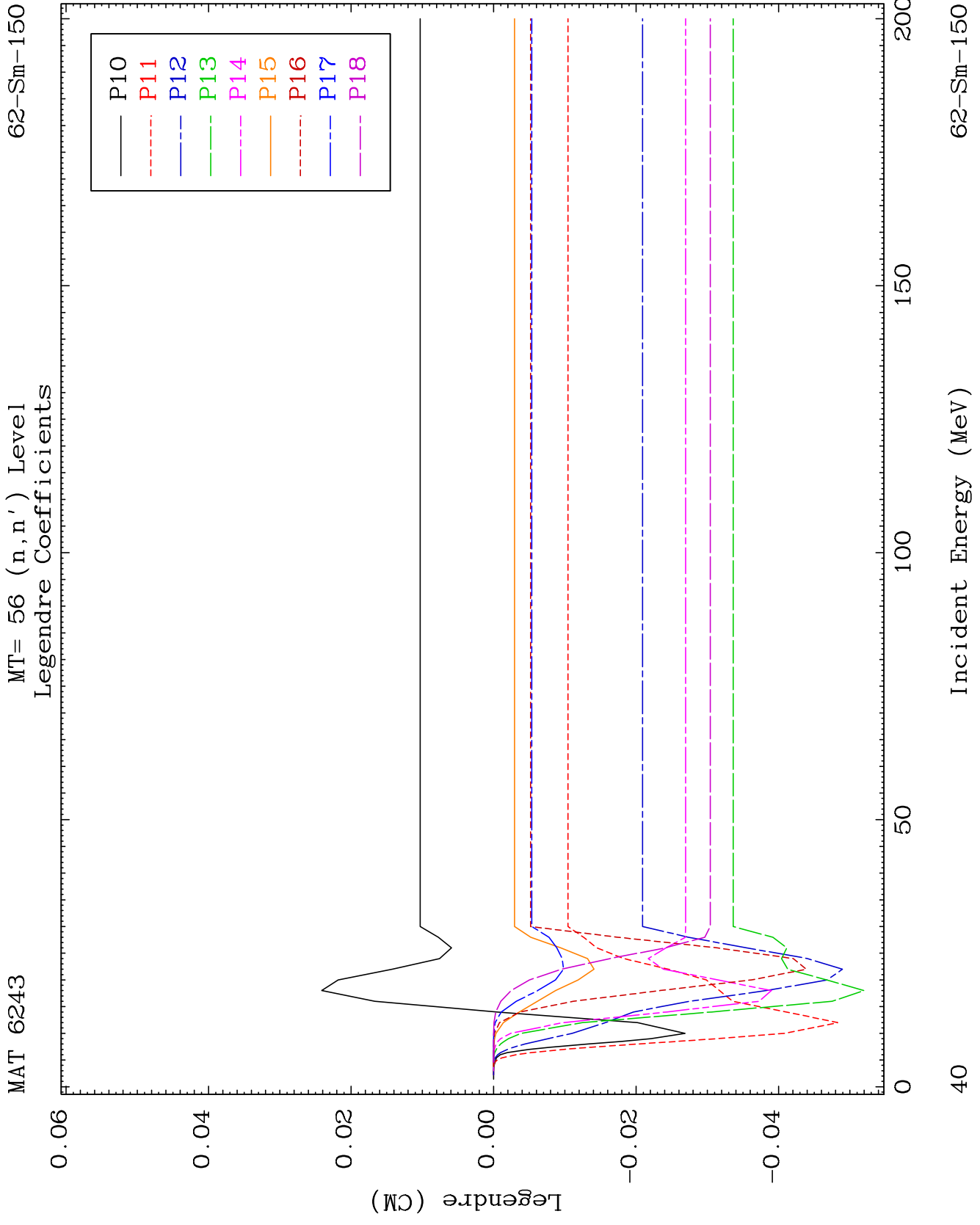
62-Sm-150



39

Incident Energy (MeV)

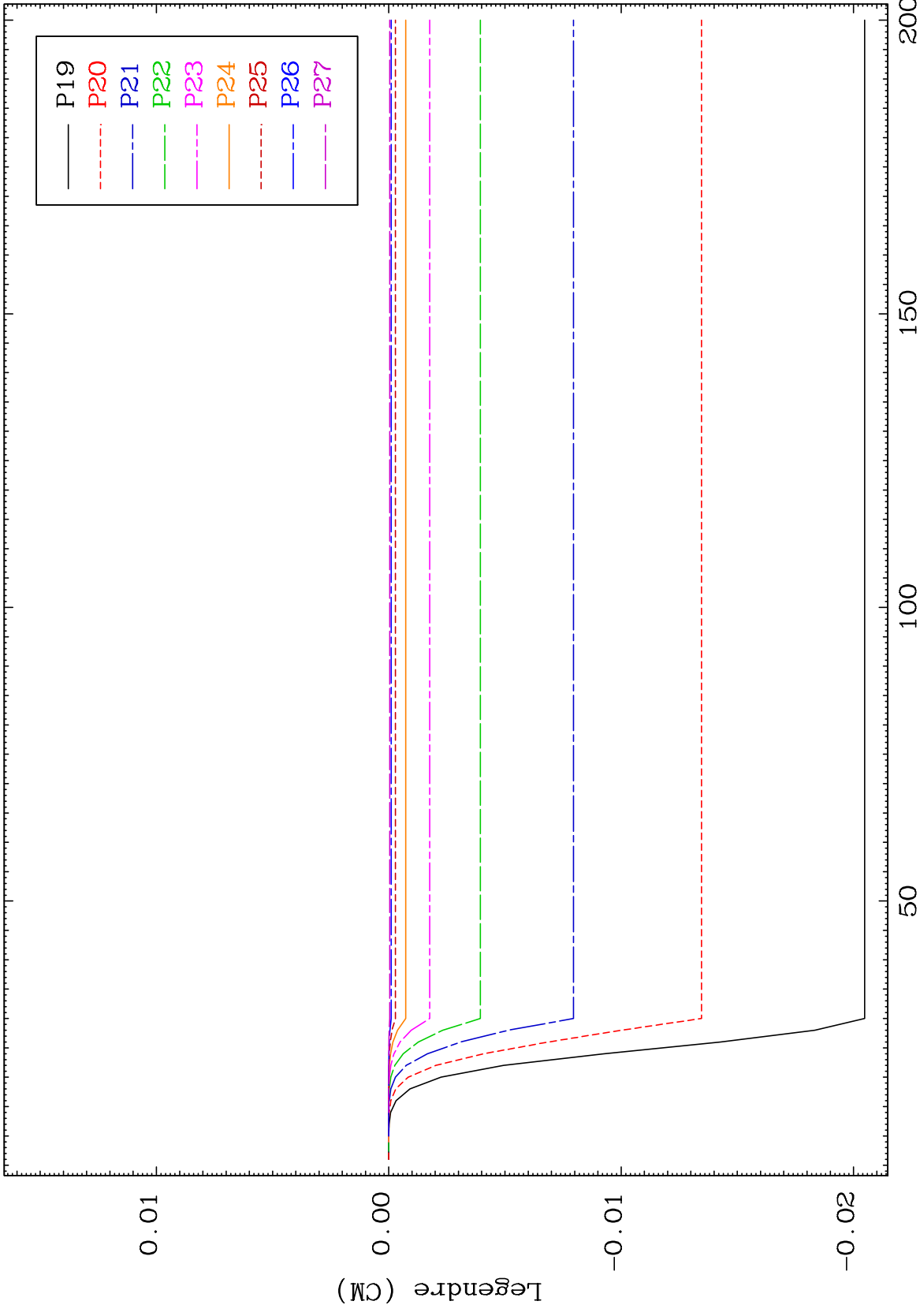
62-Sm-150



MAT 6243

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

62-Sm-150



41

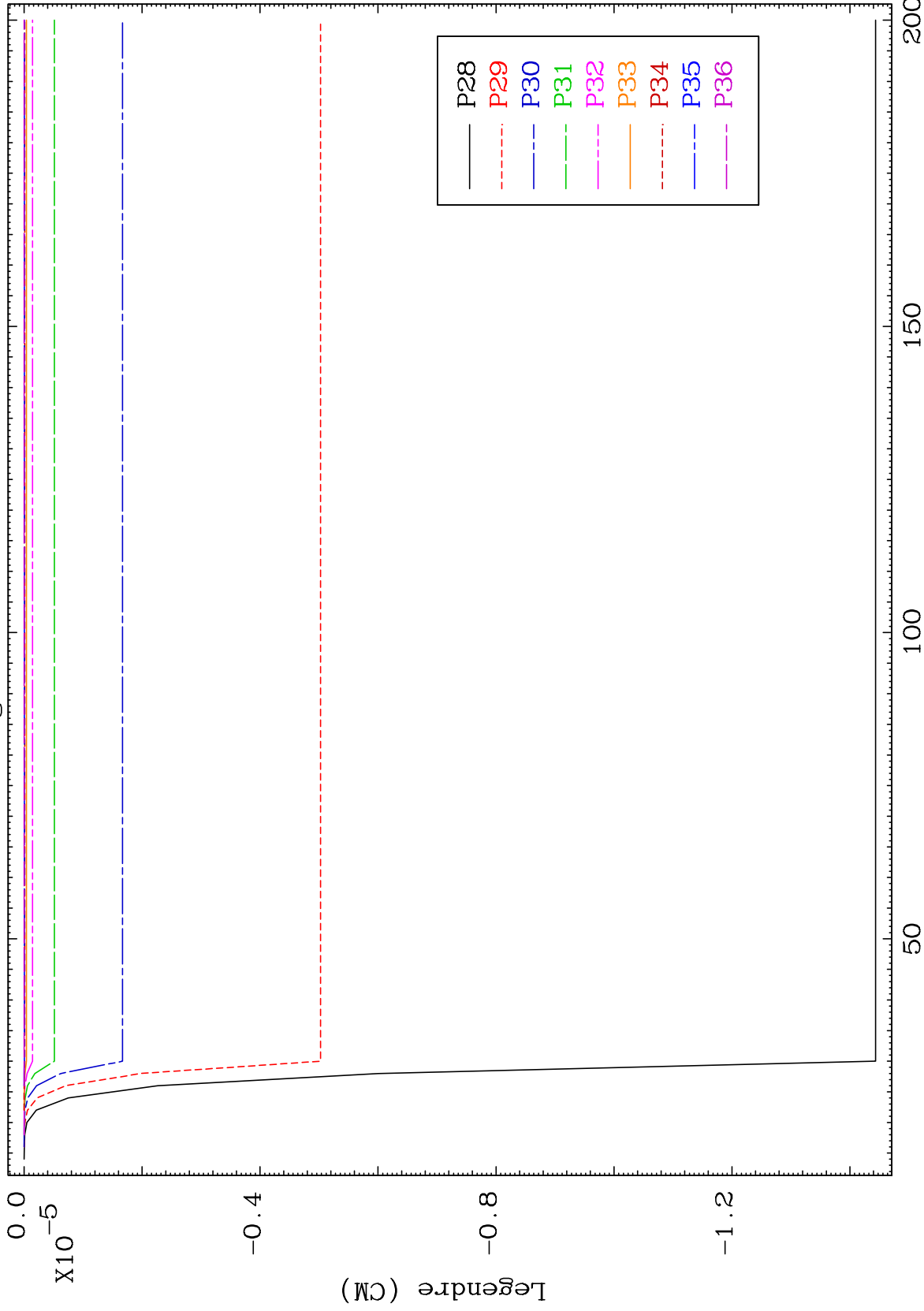
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



42

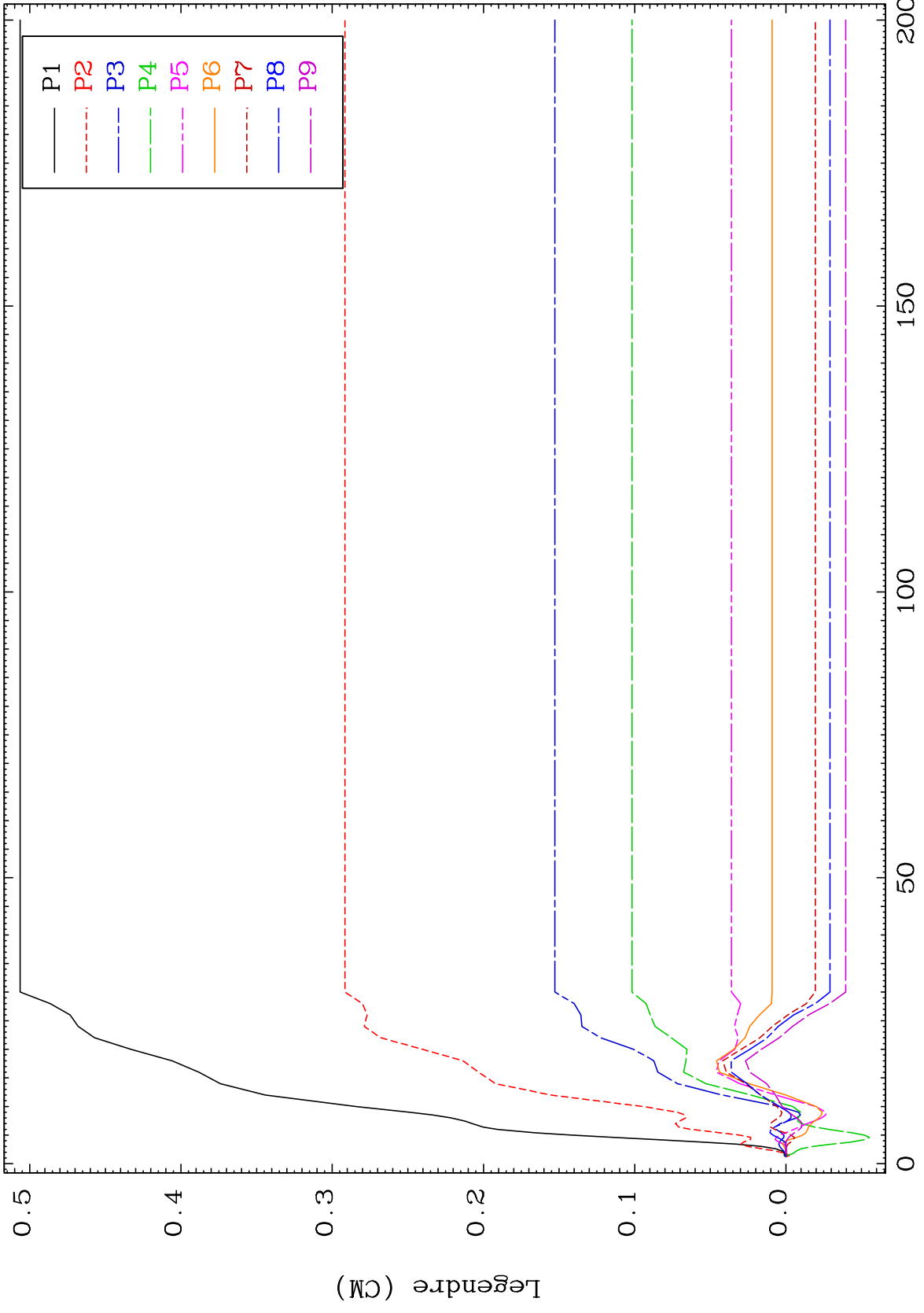
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



43

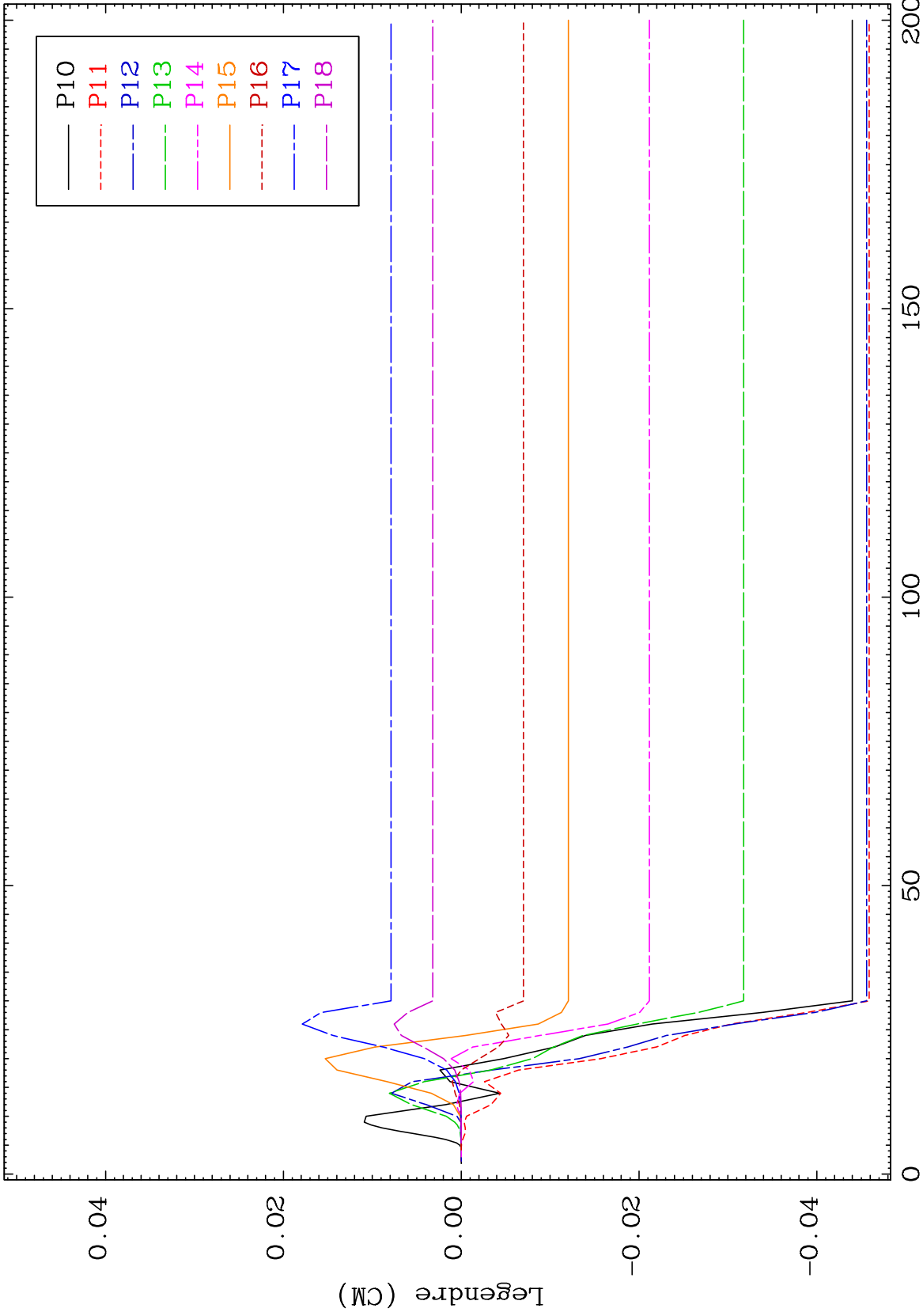
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



44

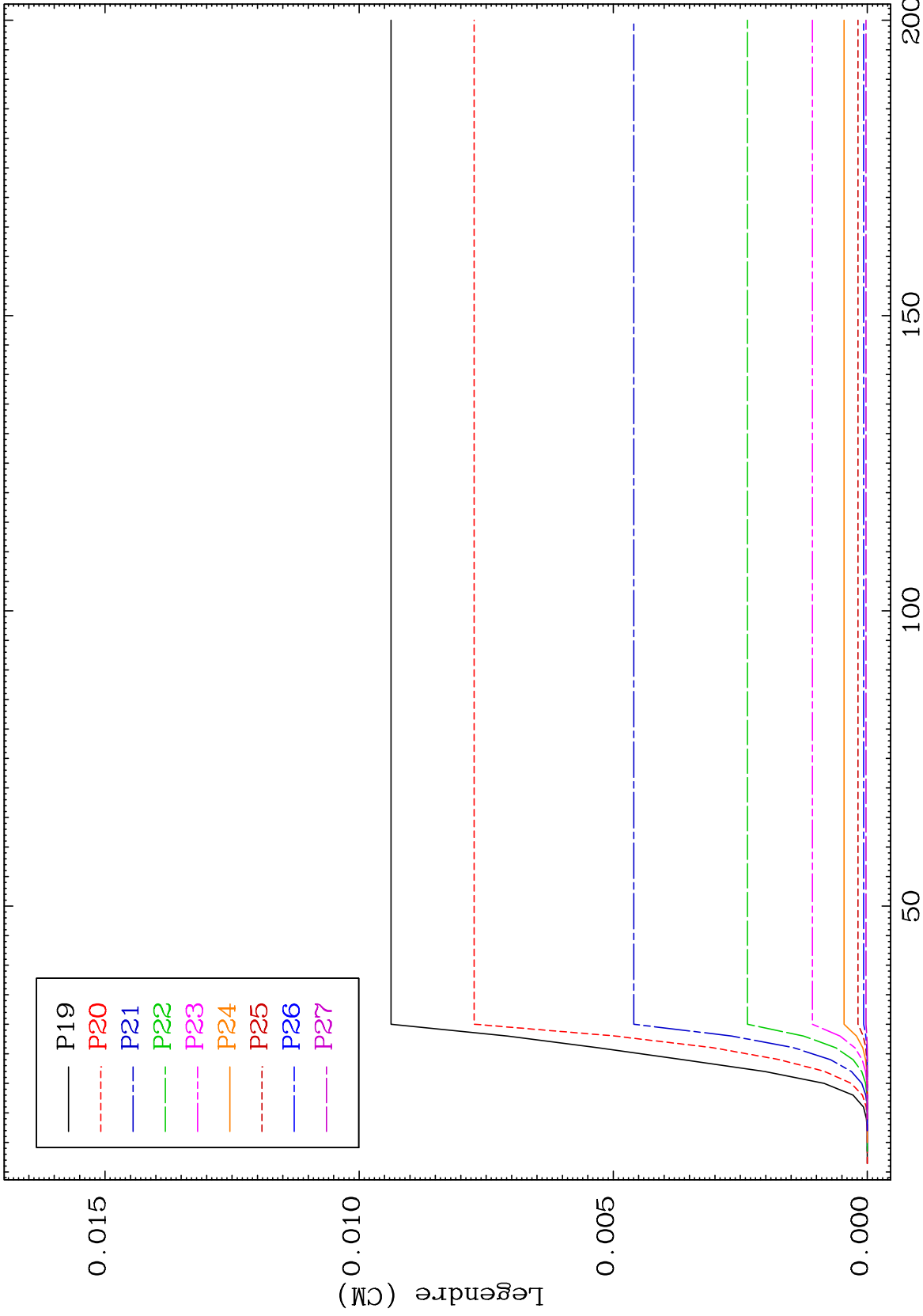
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



45

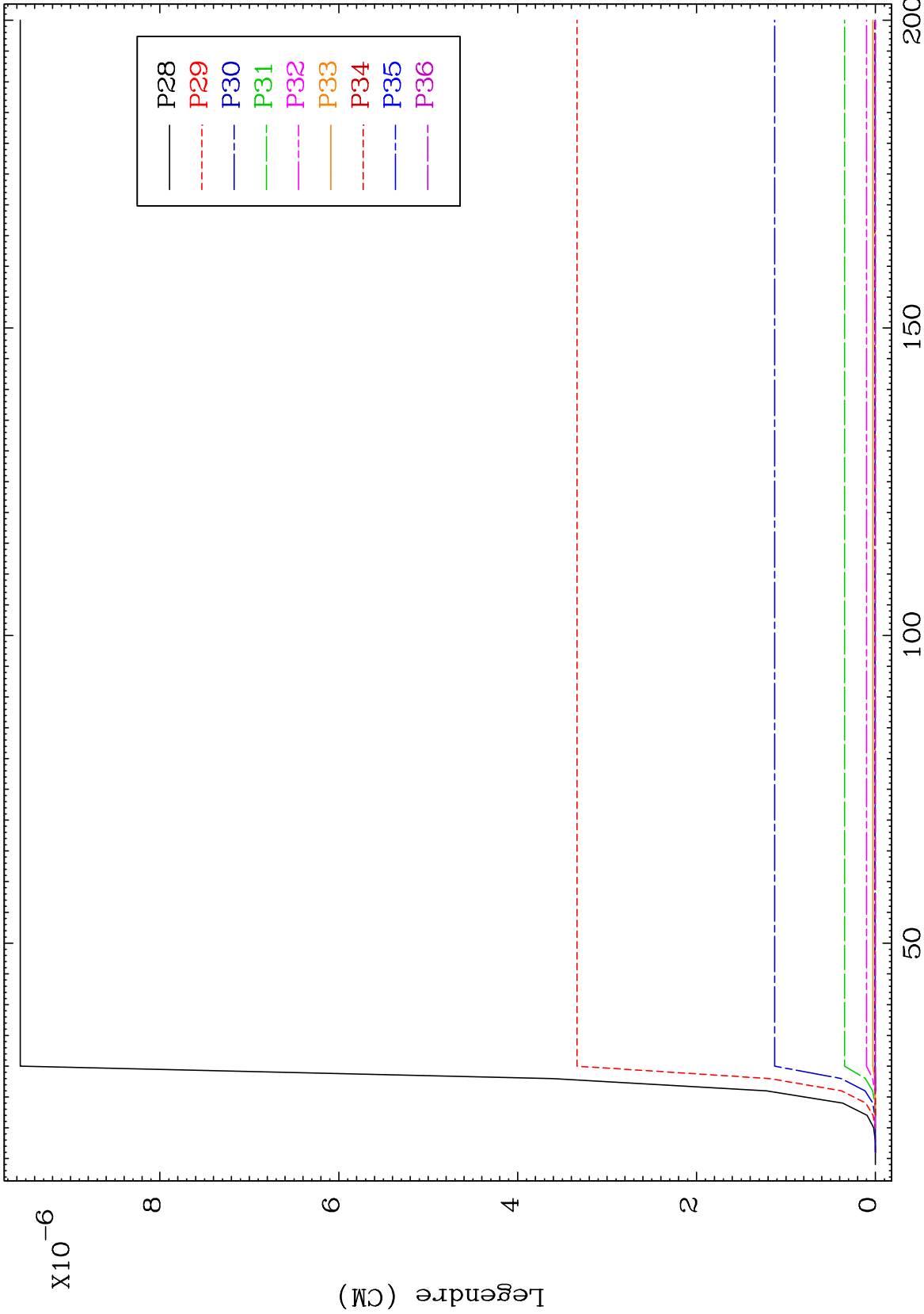
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

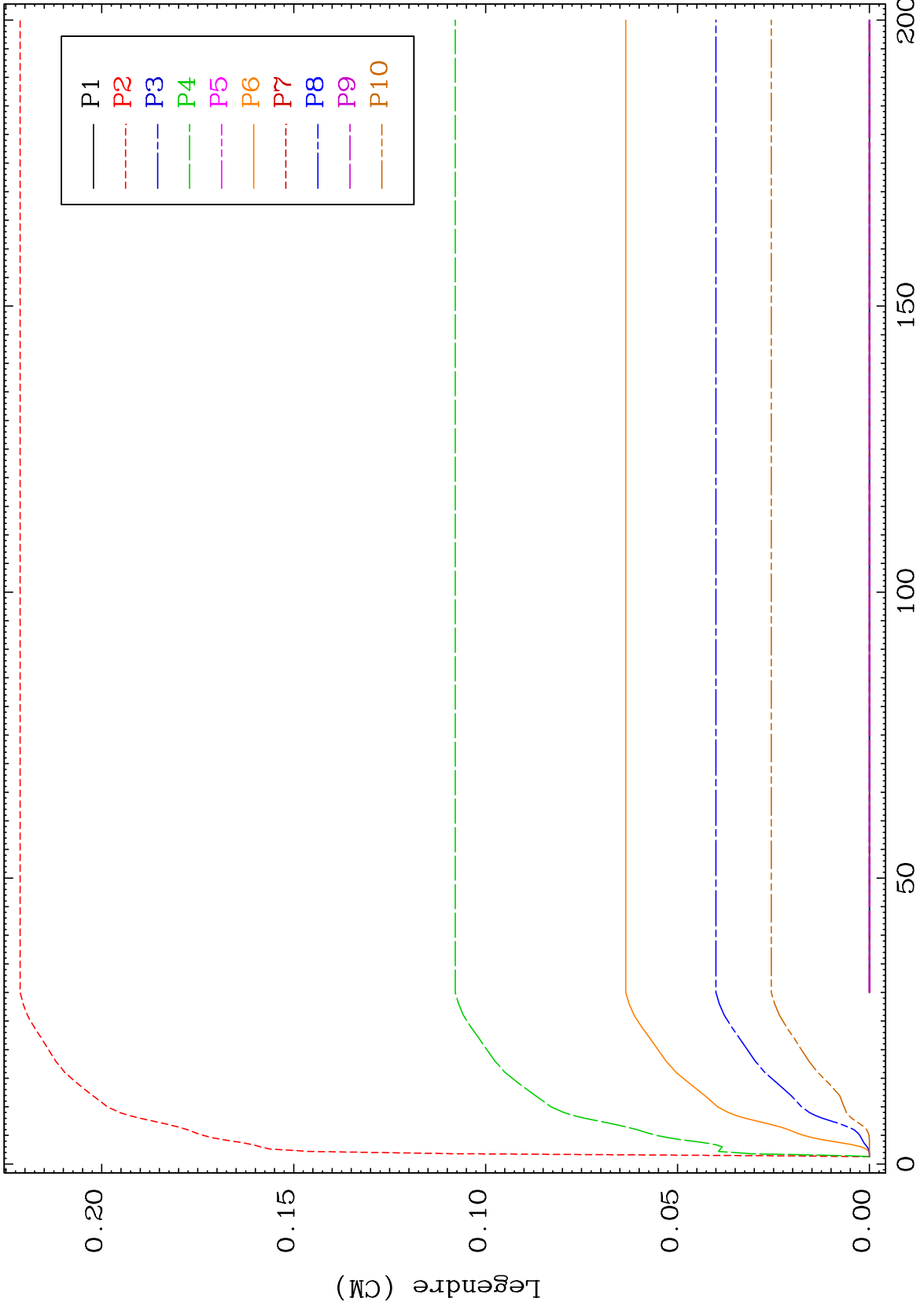


46

Incident Energy (MeV)

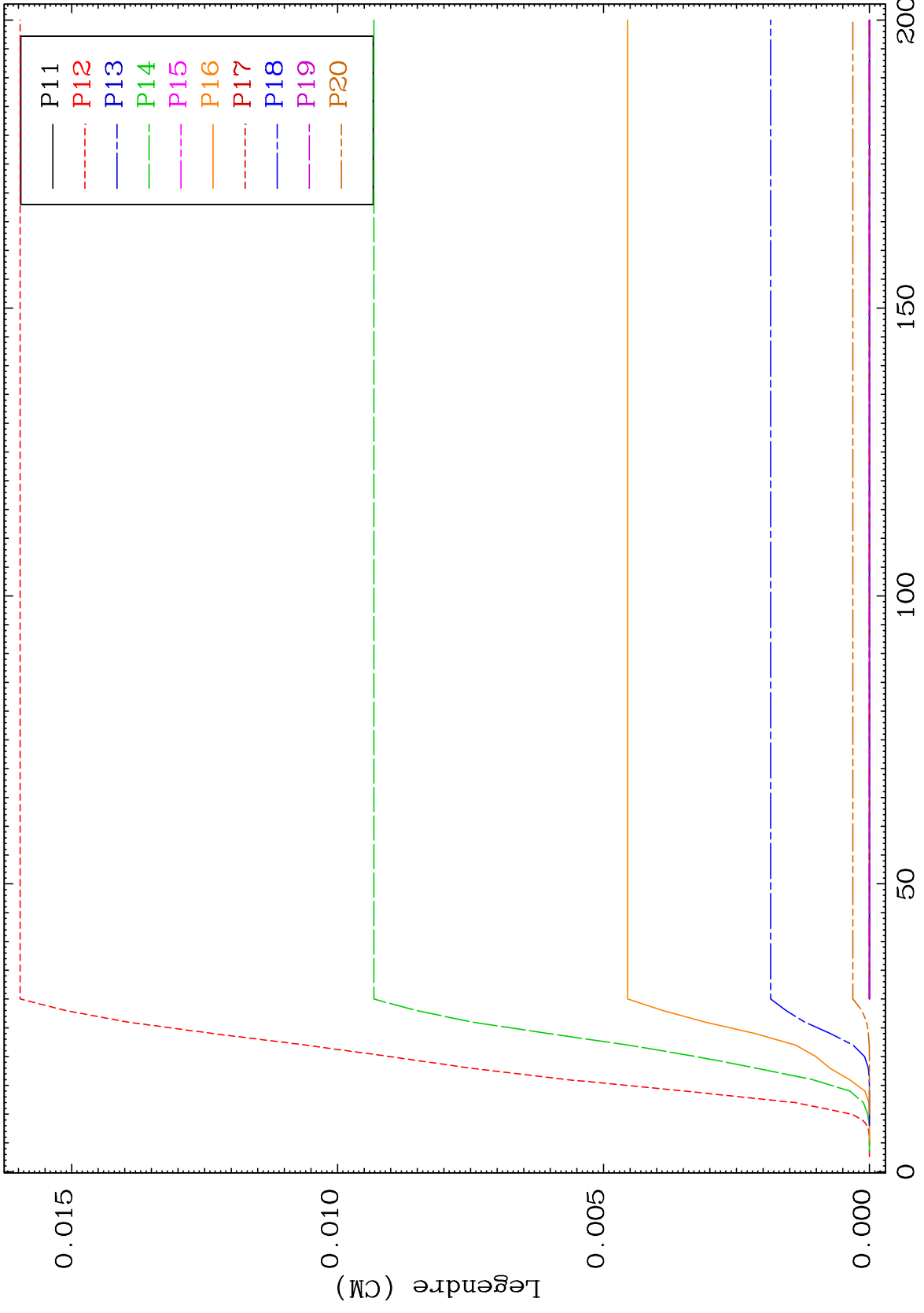
62-Sm-150

MAT 6243 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-150



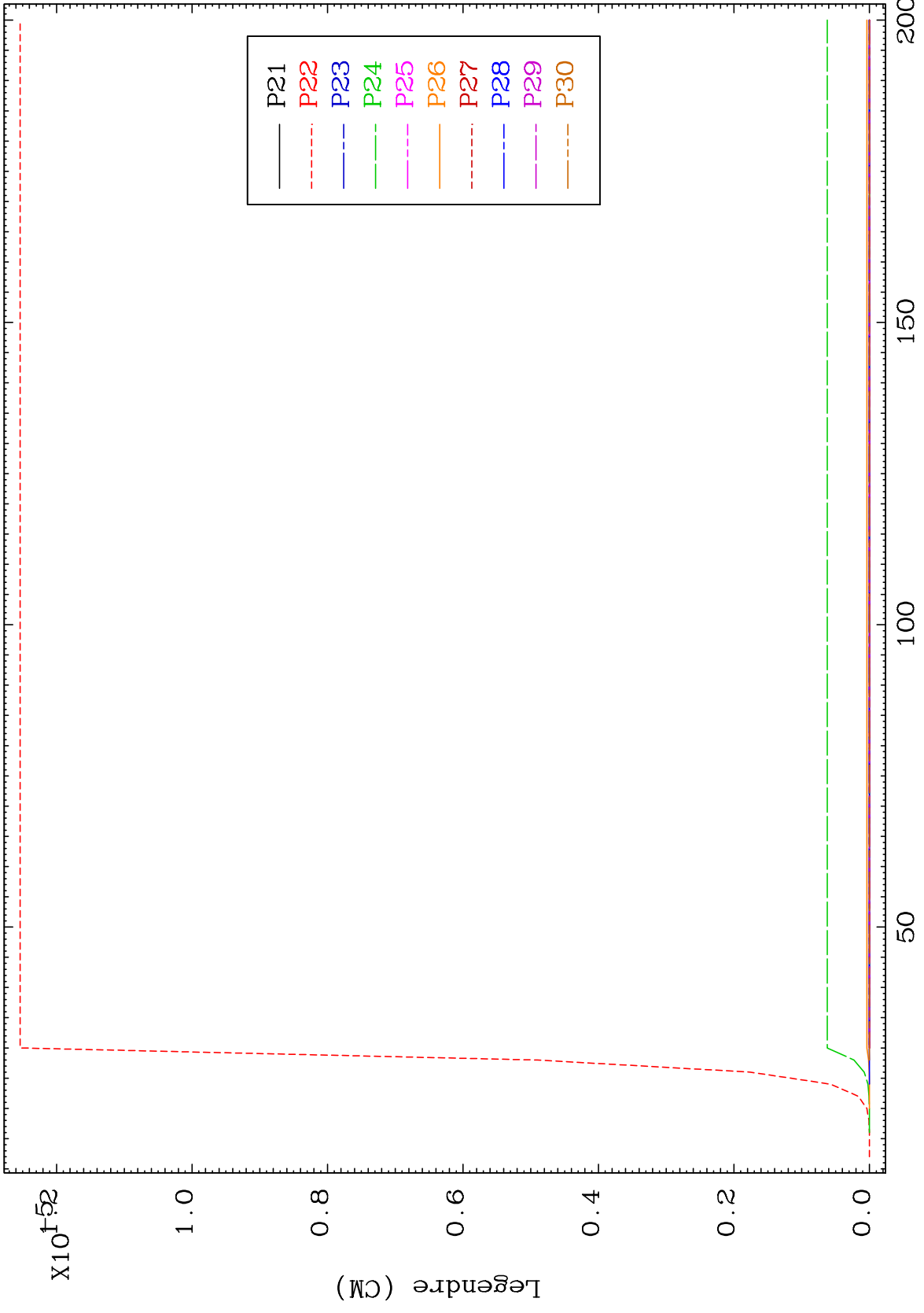
47 62-Sm-150

MAT 6243 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-150



48 Incident Energy (MeV) 62-Sm-150

MAT 6243 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-150

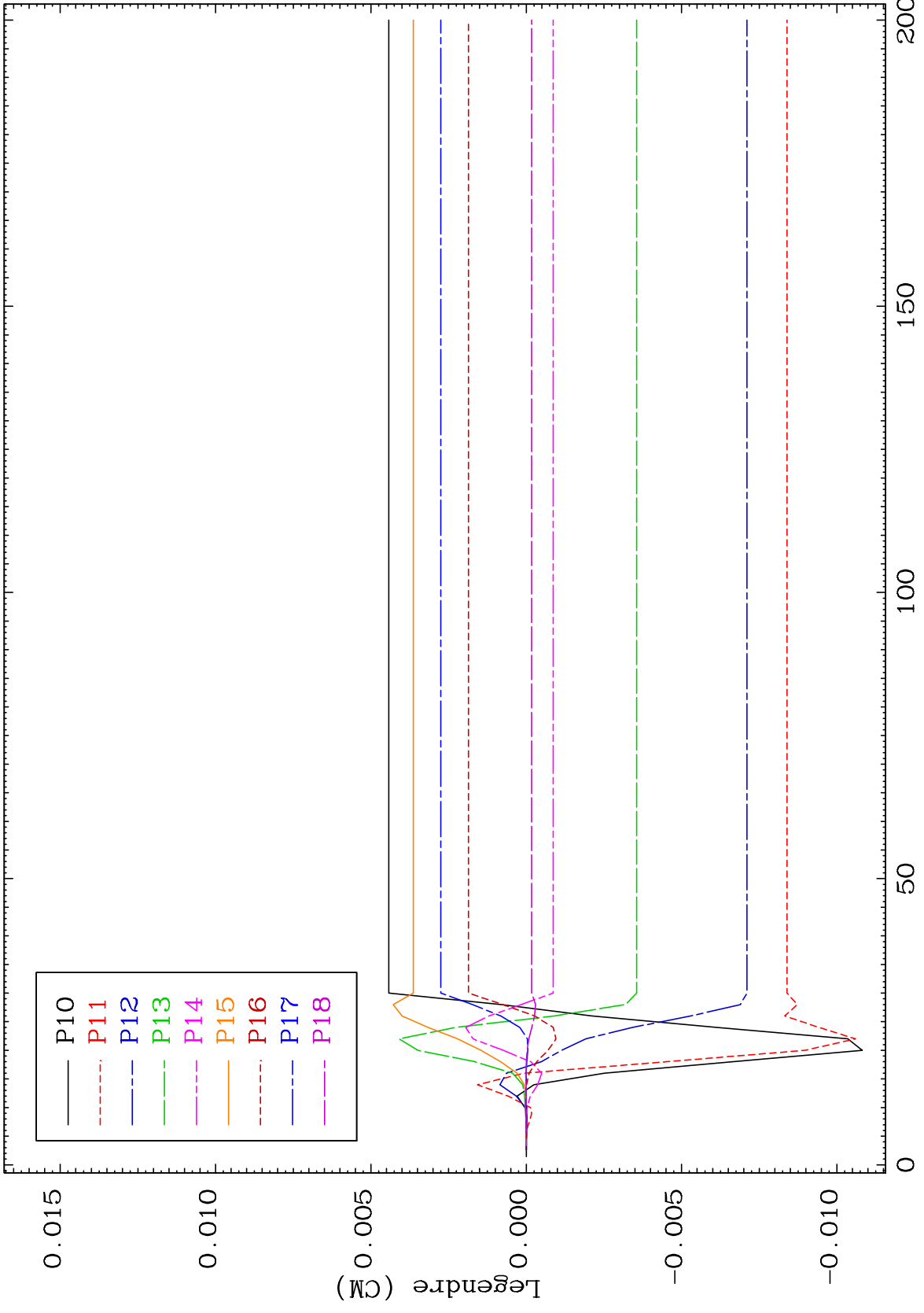


49 50 100 150 200 62-Sm-150

MAT 6243

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

62-Sm-150



51

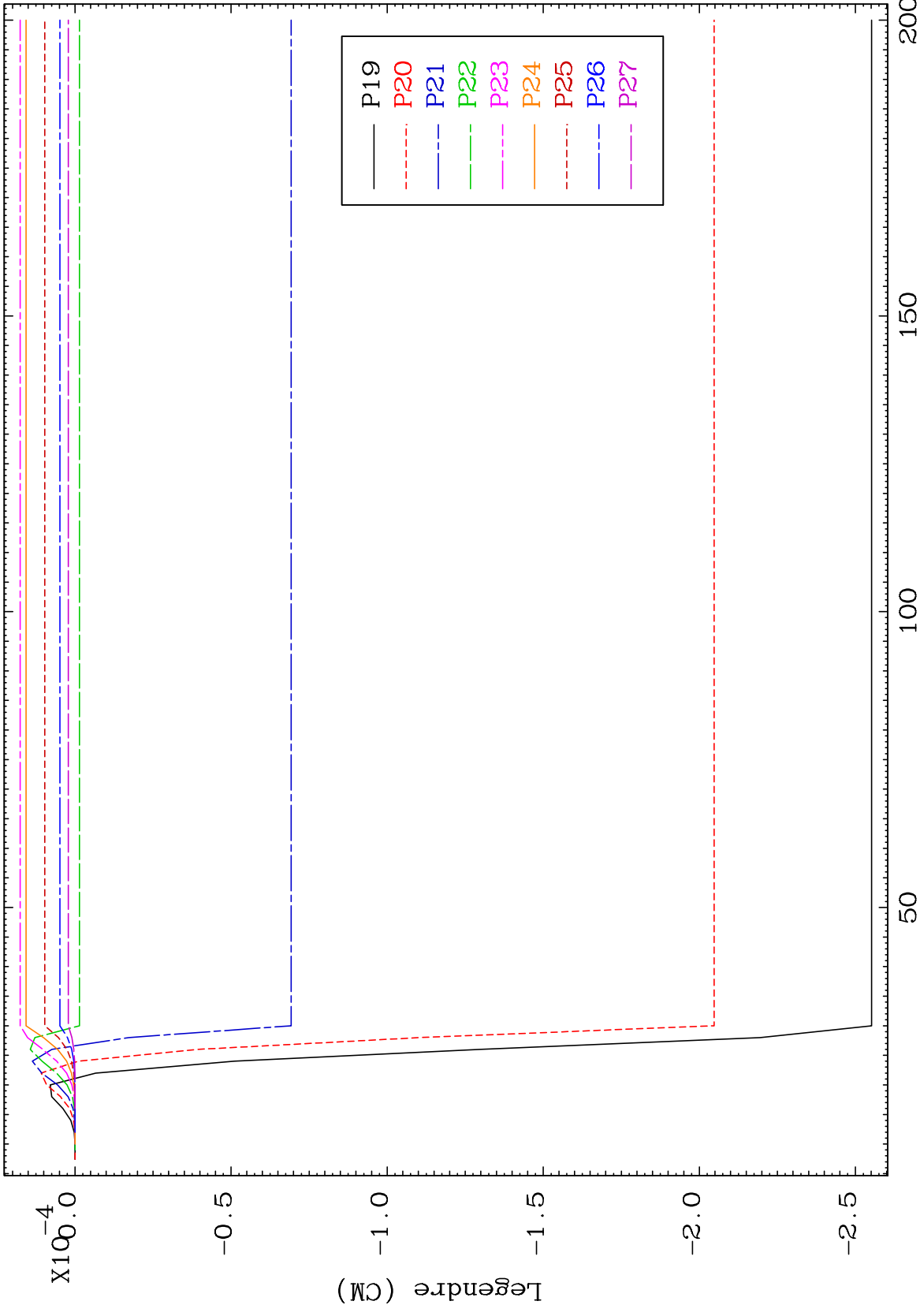
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

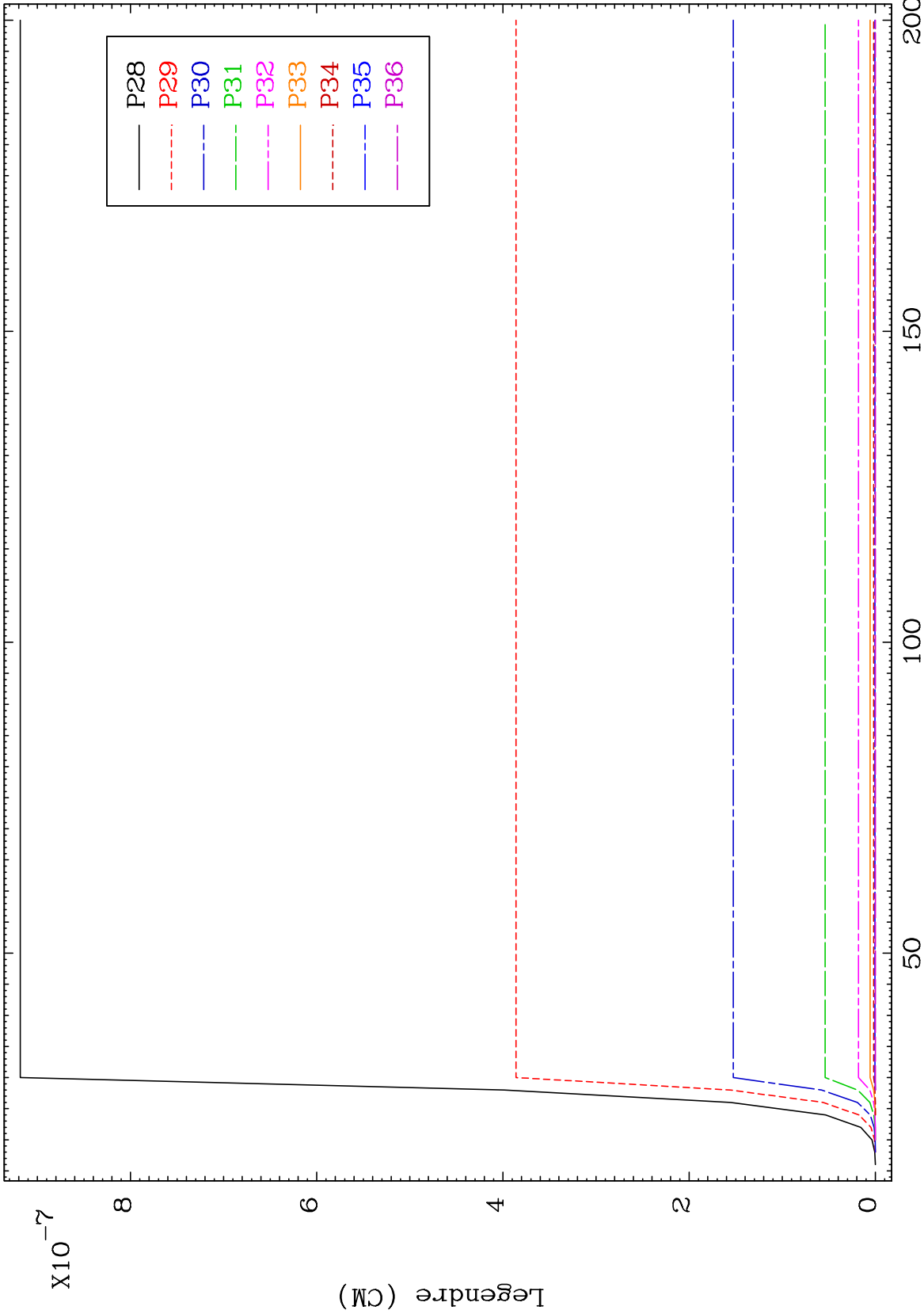
Incident Energy (MeV)

52

MAT 6243

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

62-Sm-150

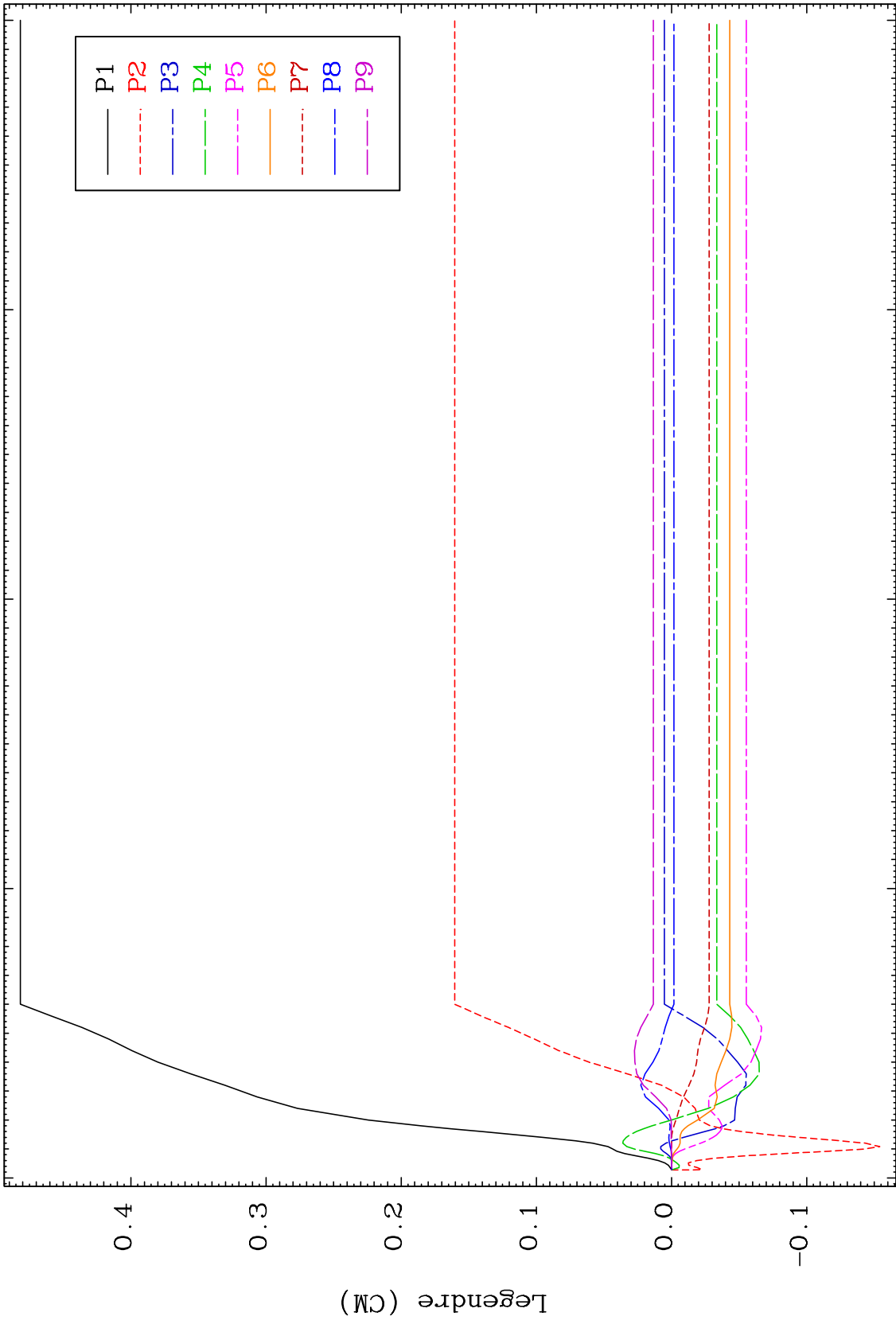


53

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-150

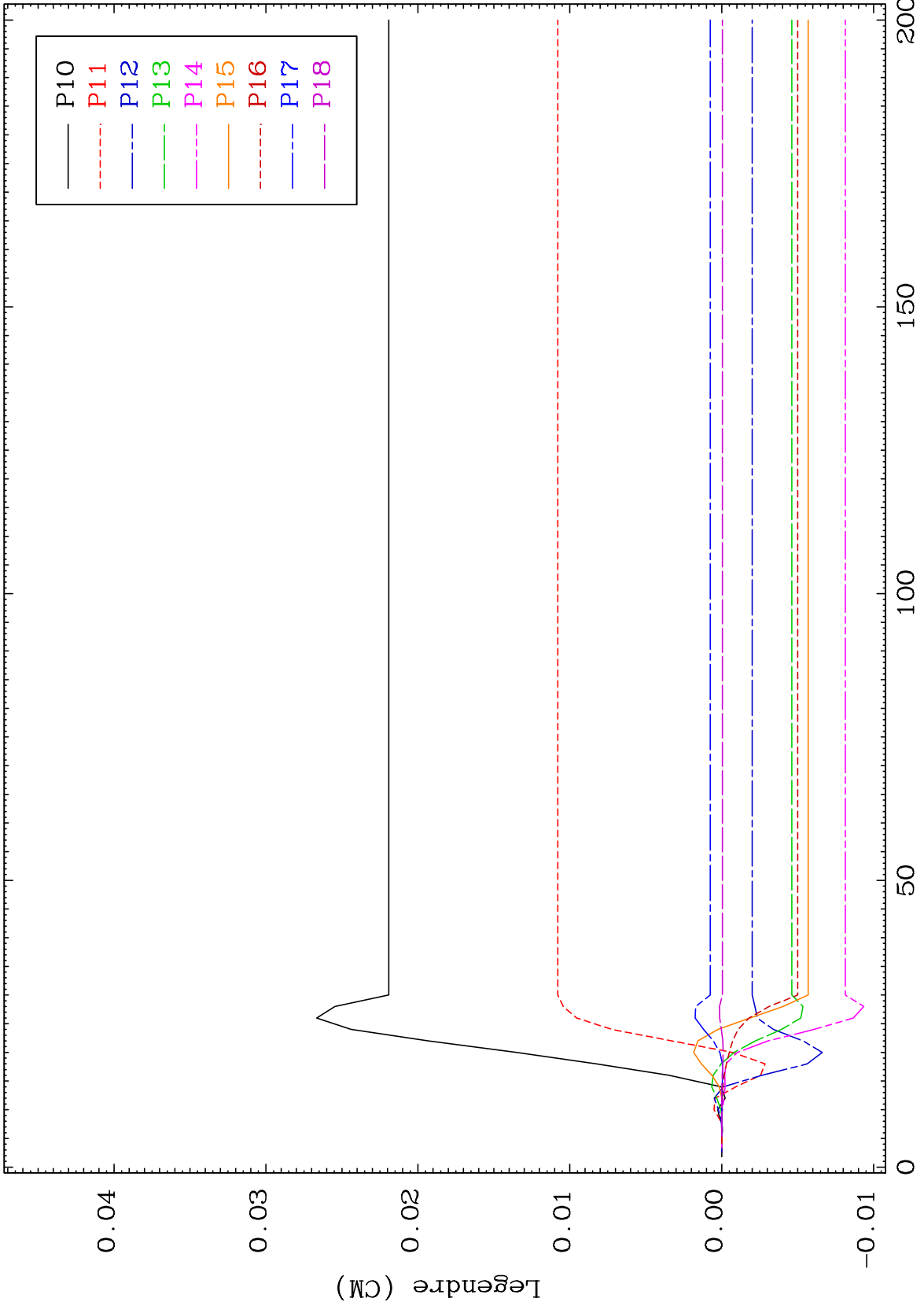


54 62-Sm-150

MAT 6243

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

62-Sm-150



55

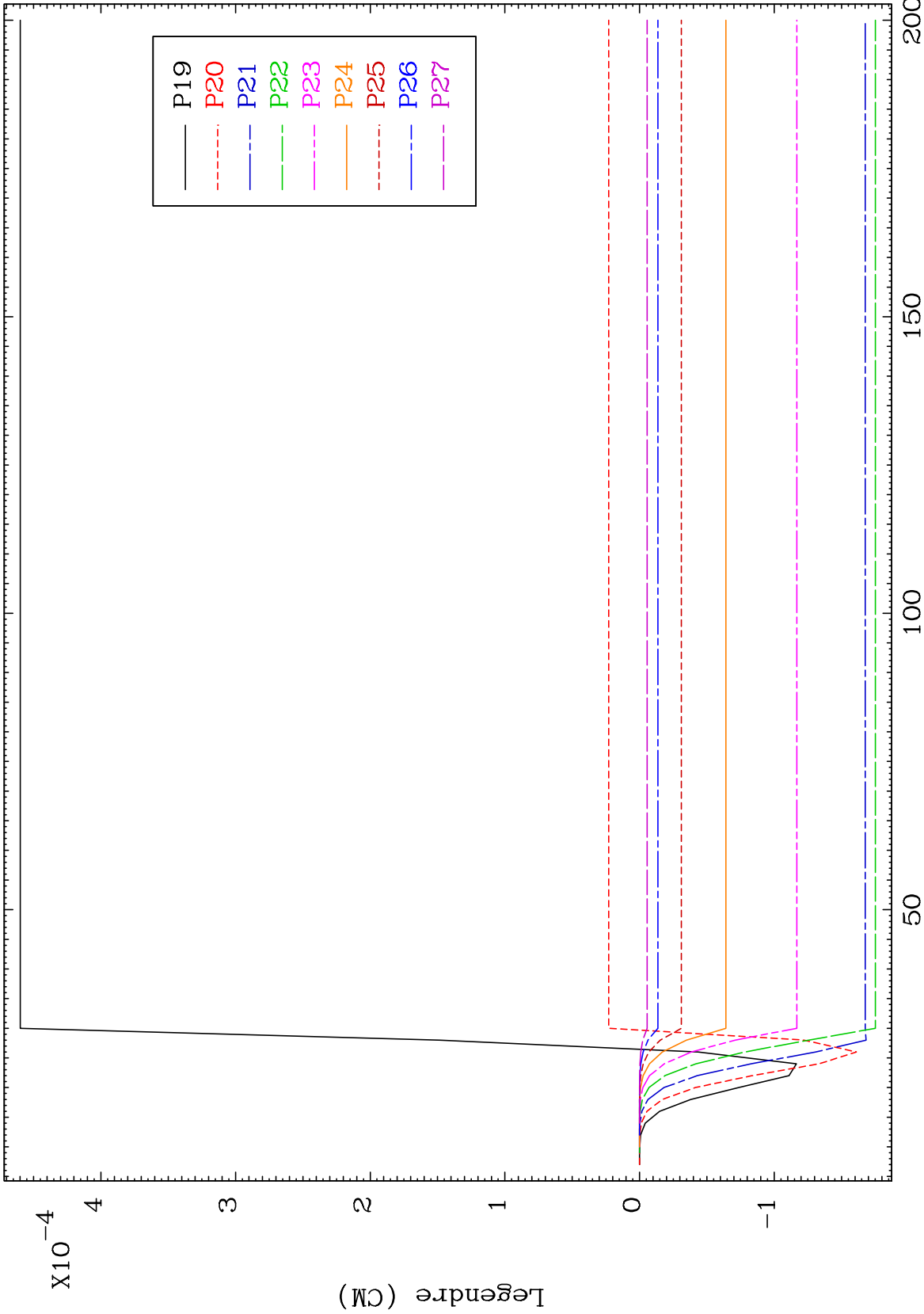
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

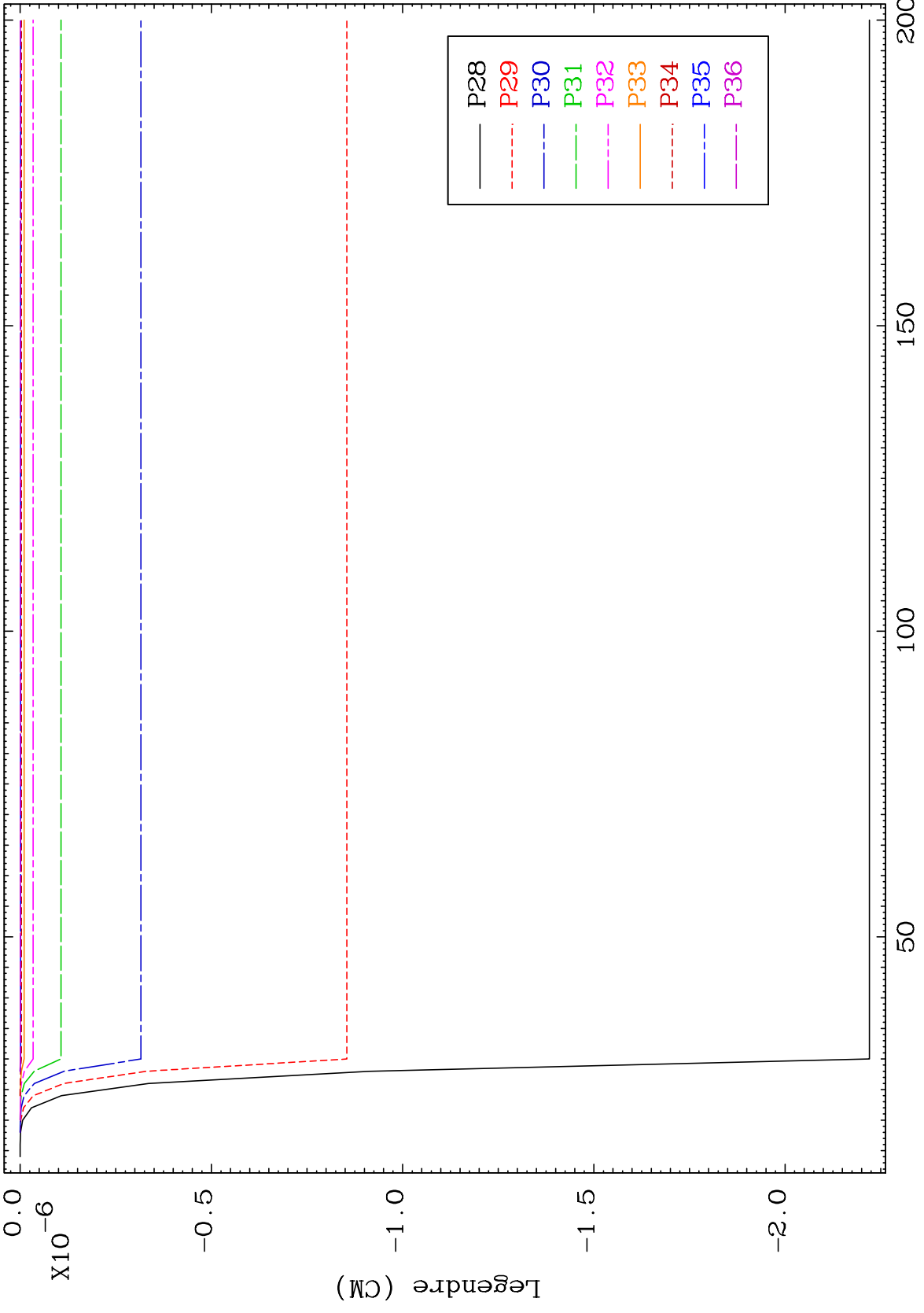


56

Incident Energy (MeV)

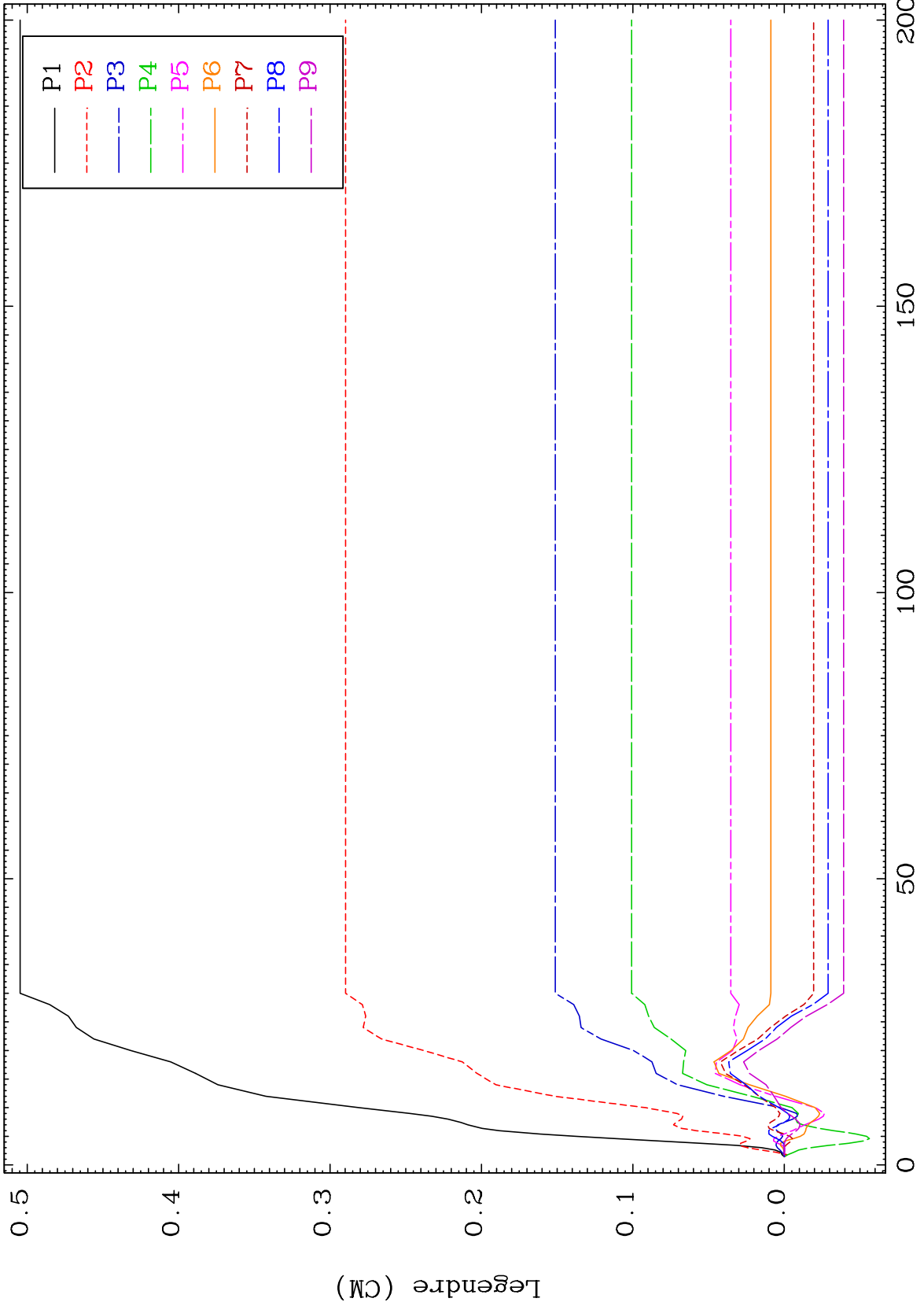
62-Sm-150

MAT 6243 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-150



57 62-Sm-150

MAT 6243 MT= 61 (n,n') Level Legendre Coefficients 62-Sm-150

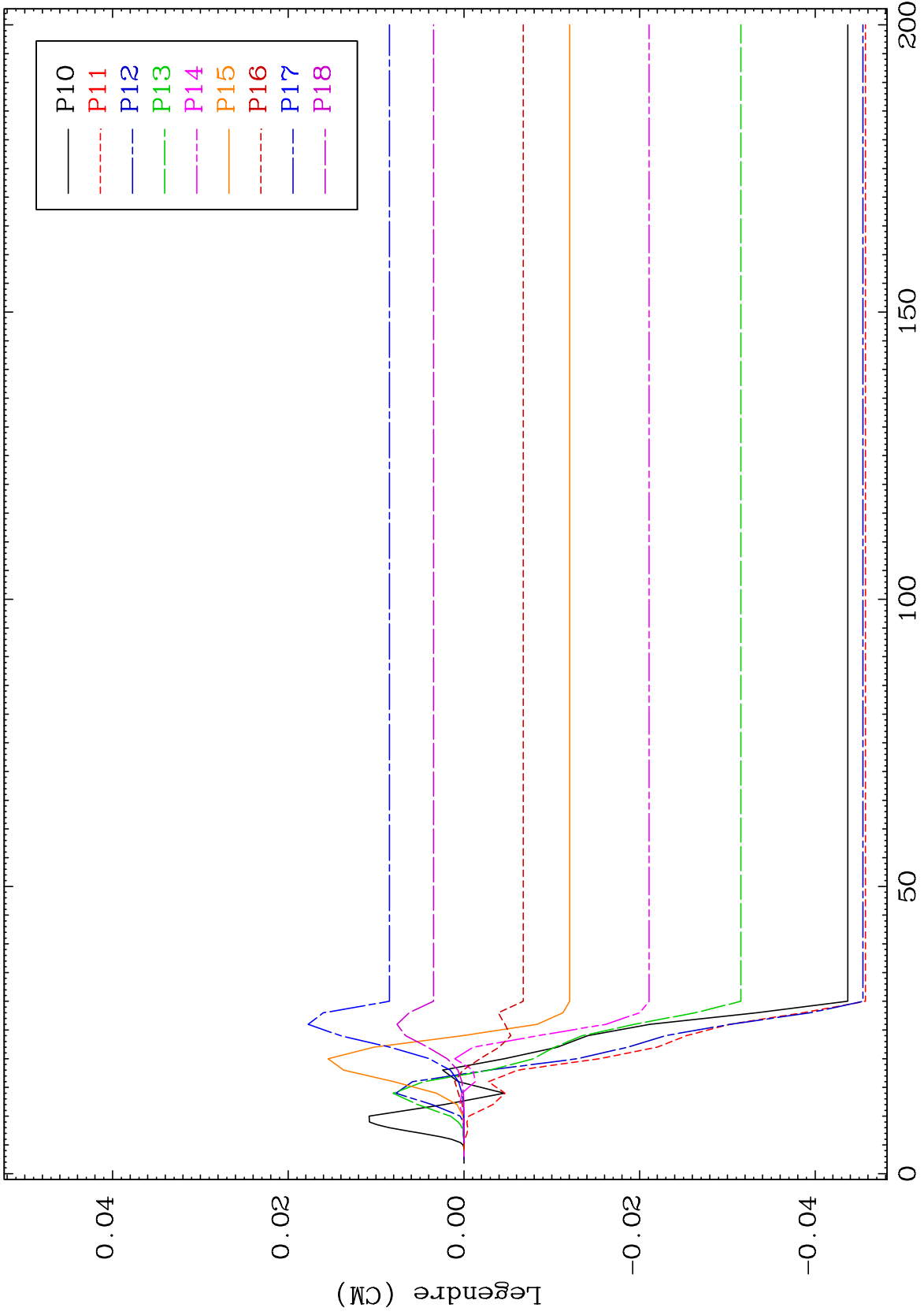


58 Incident Energy (MeV) 62-Sm-150

MAT 6243

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

62-Sm-150



59

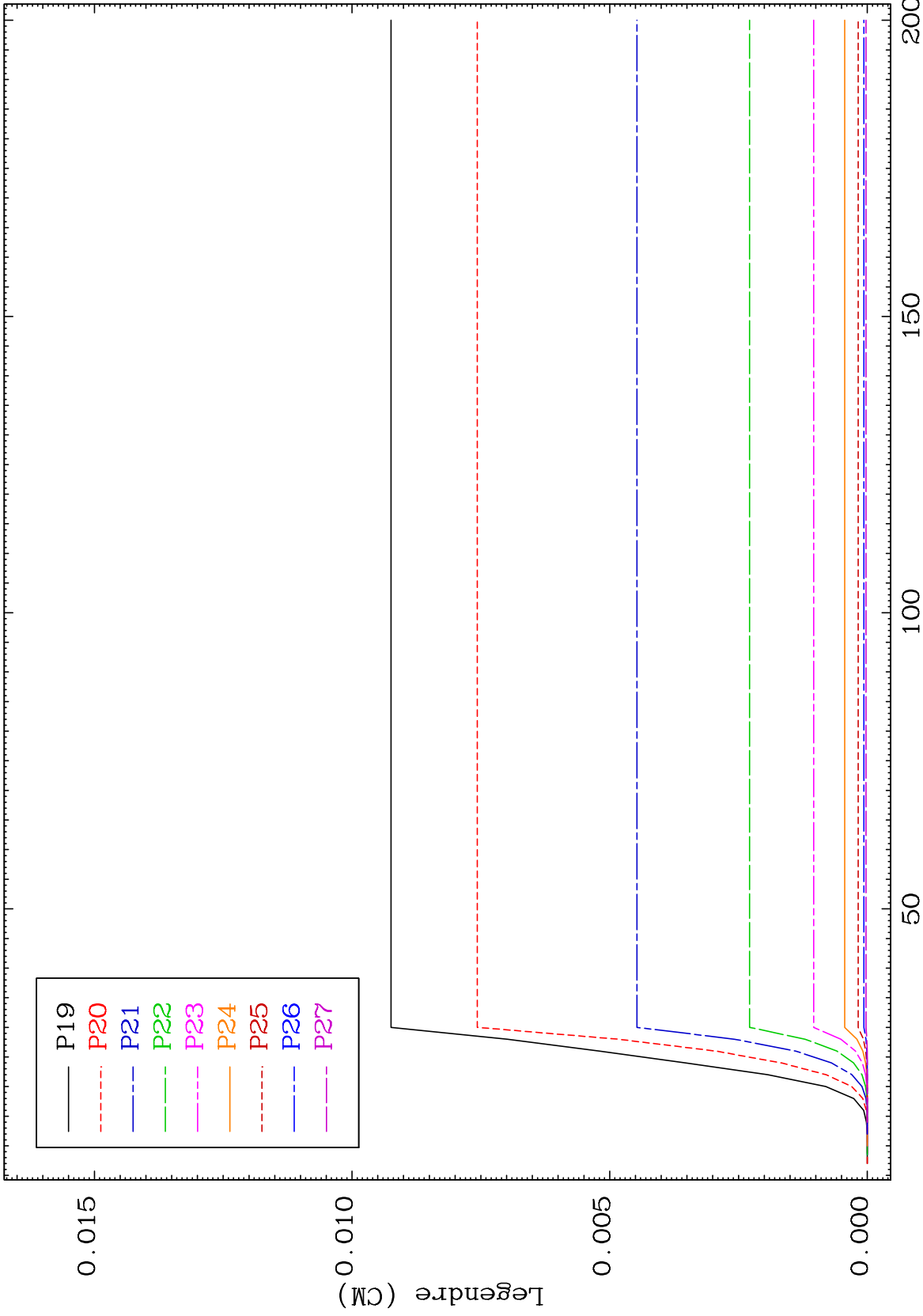
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



60

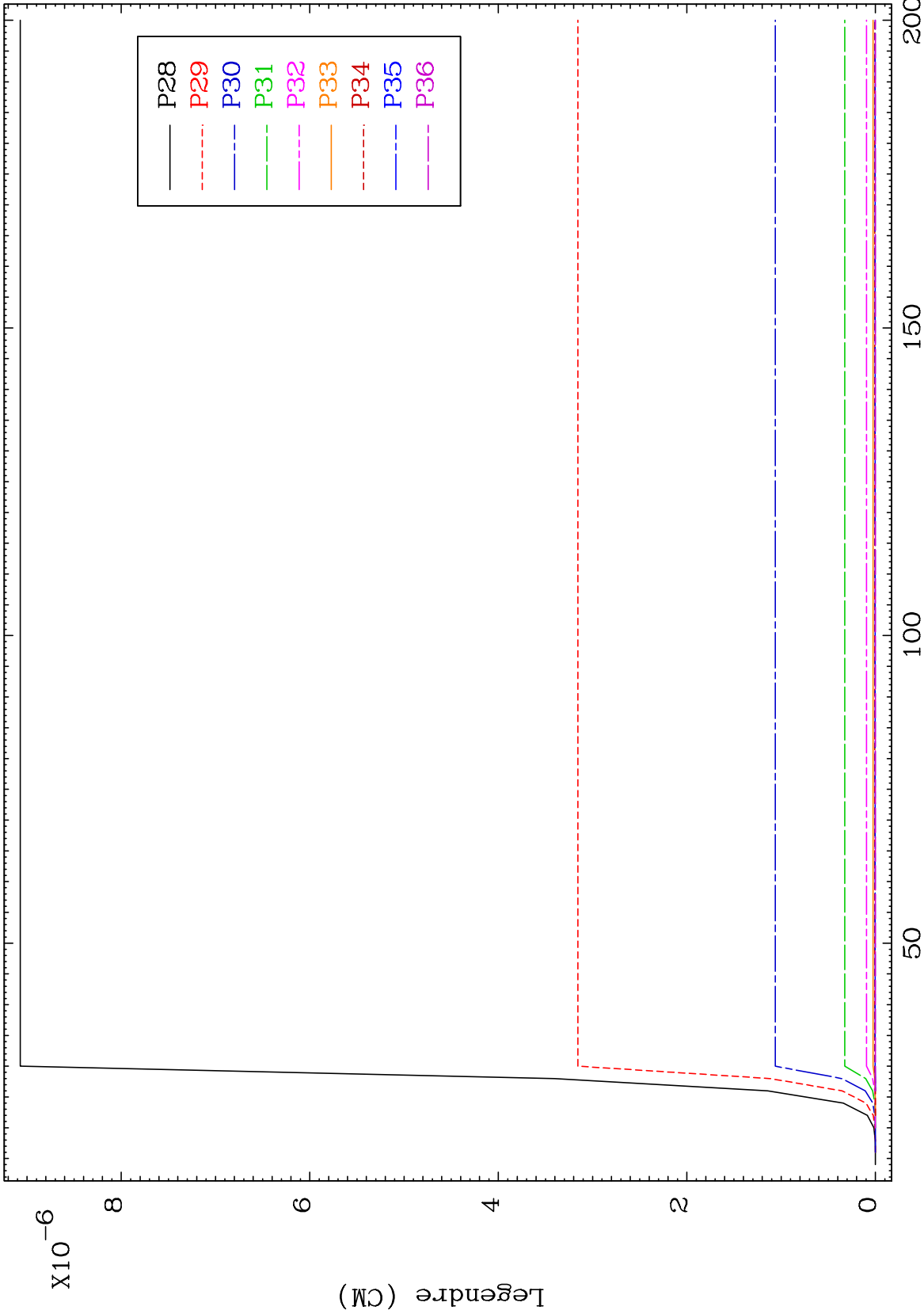
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

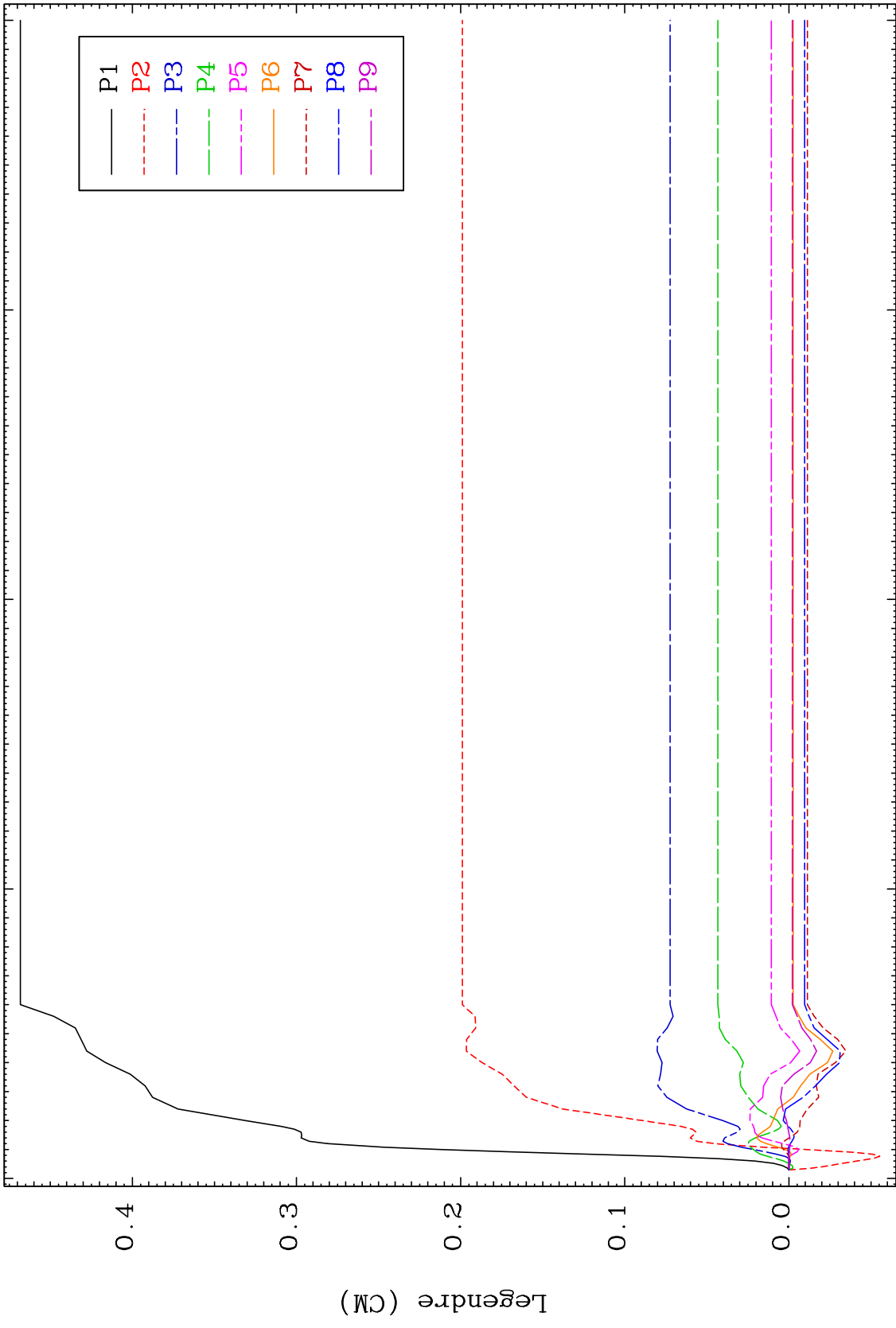


61

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-150

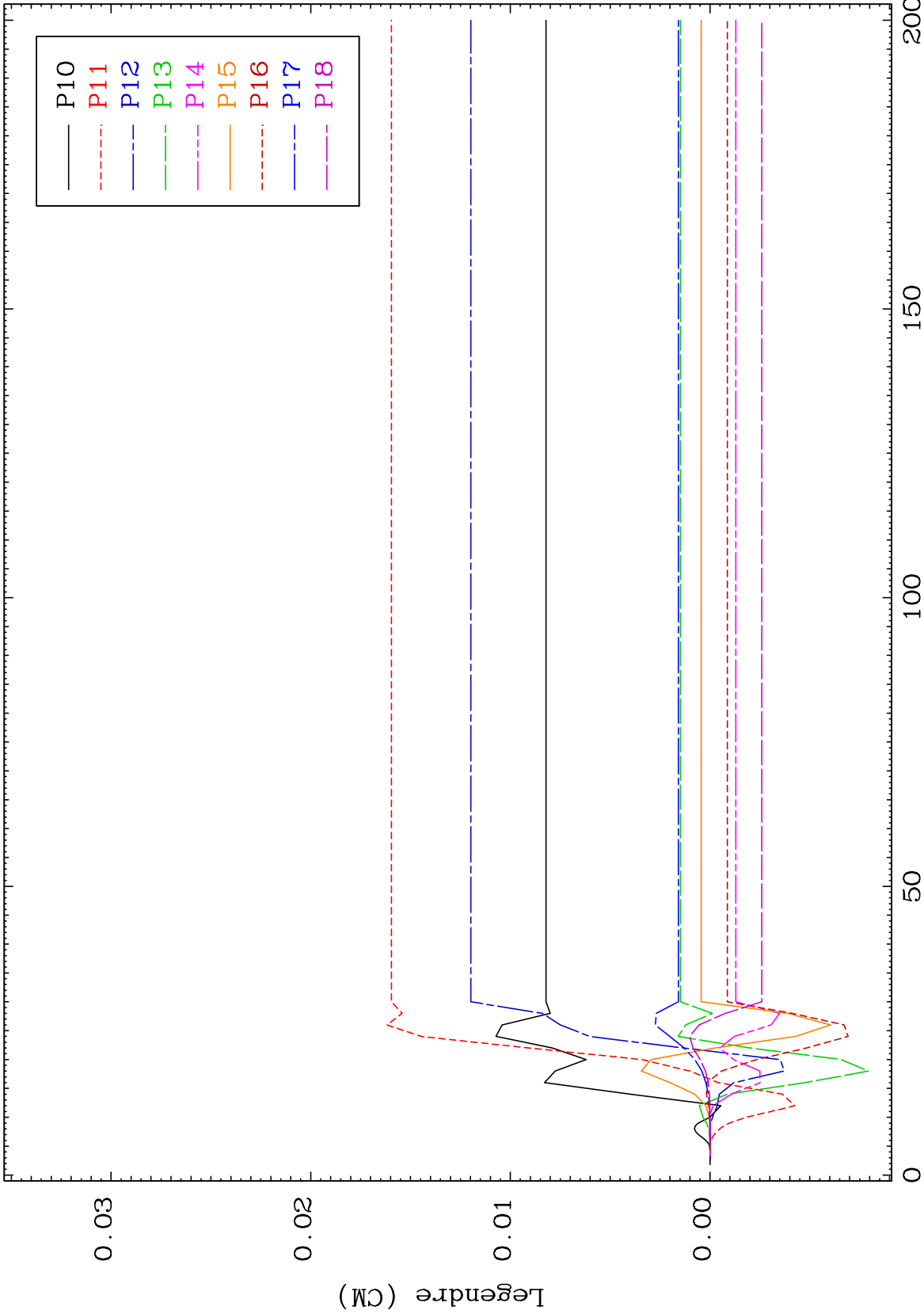


62-Sm-150 Incident Energy (MeV) 62

MAT 6243

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

62-Sm-150



63

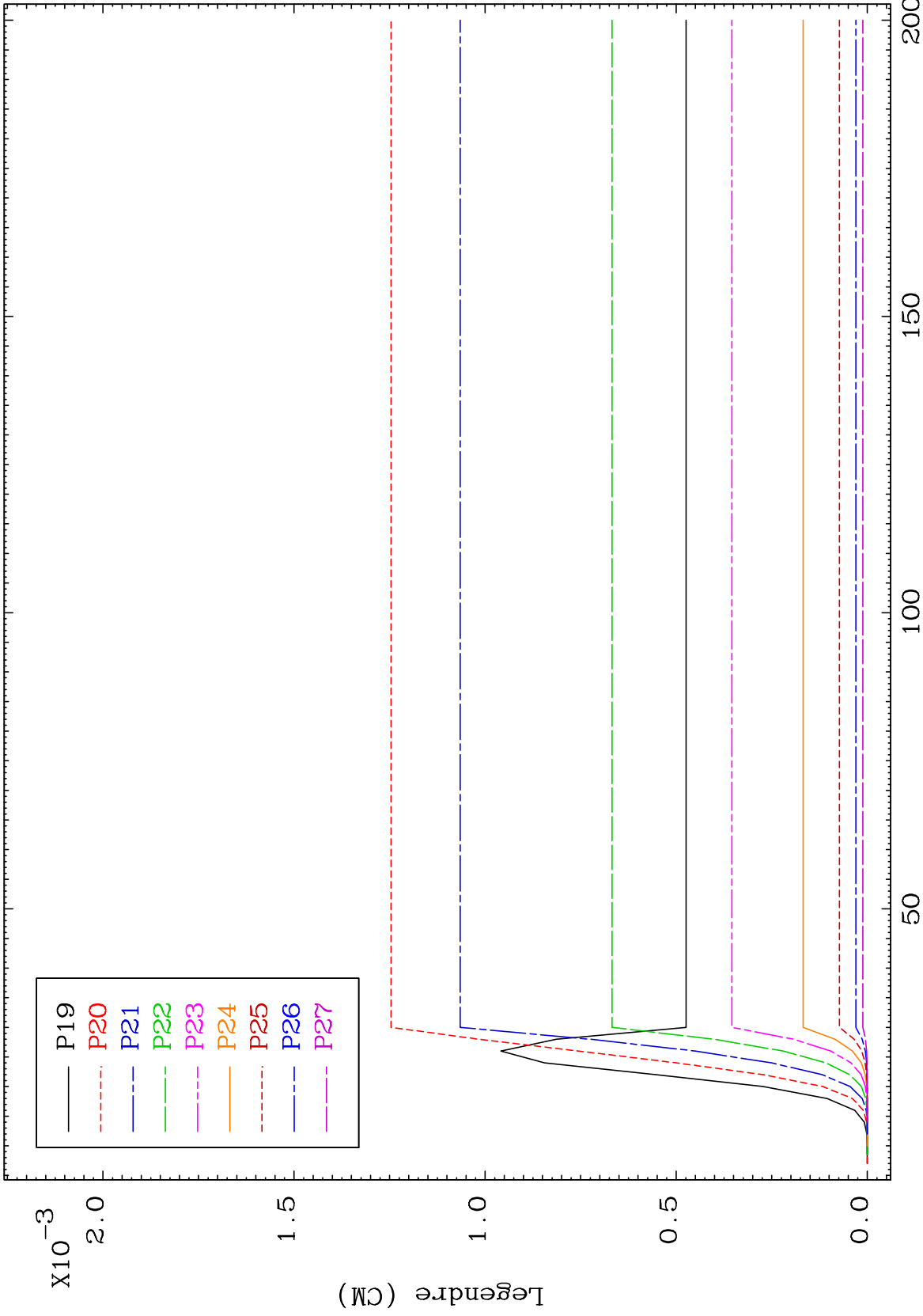
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



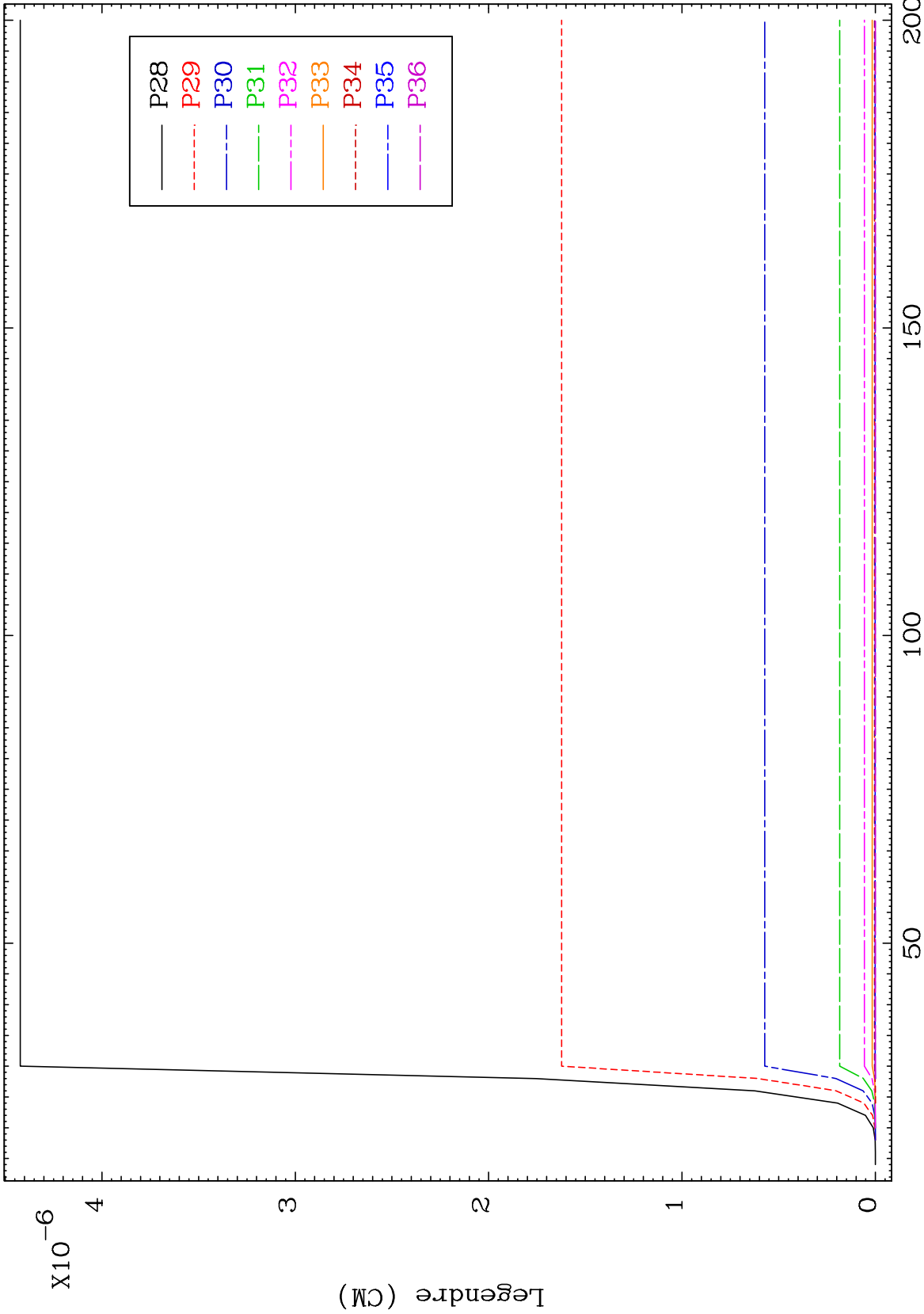
64

62-Sm-150

MAT 6243

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

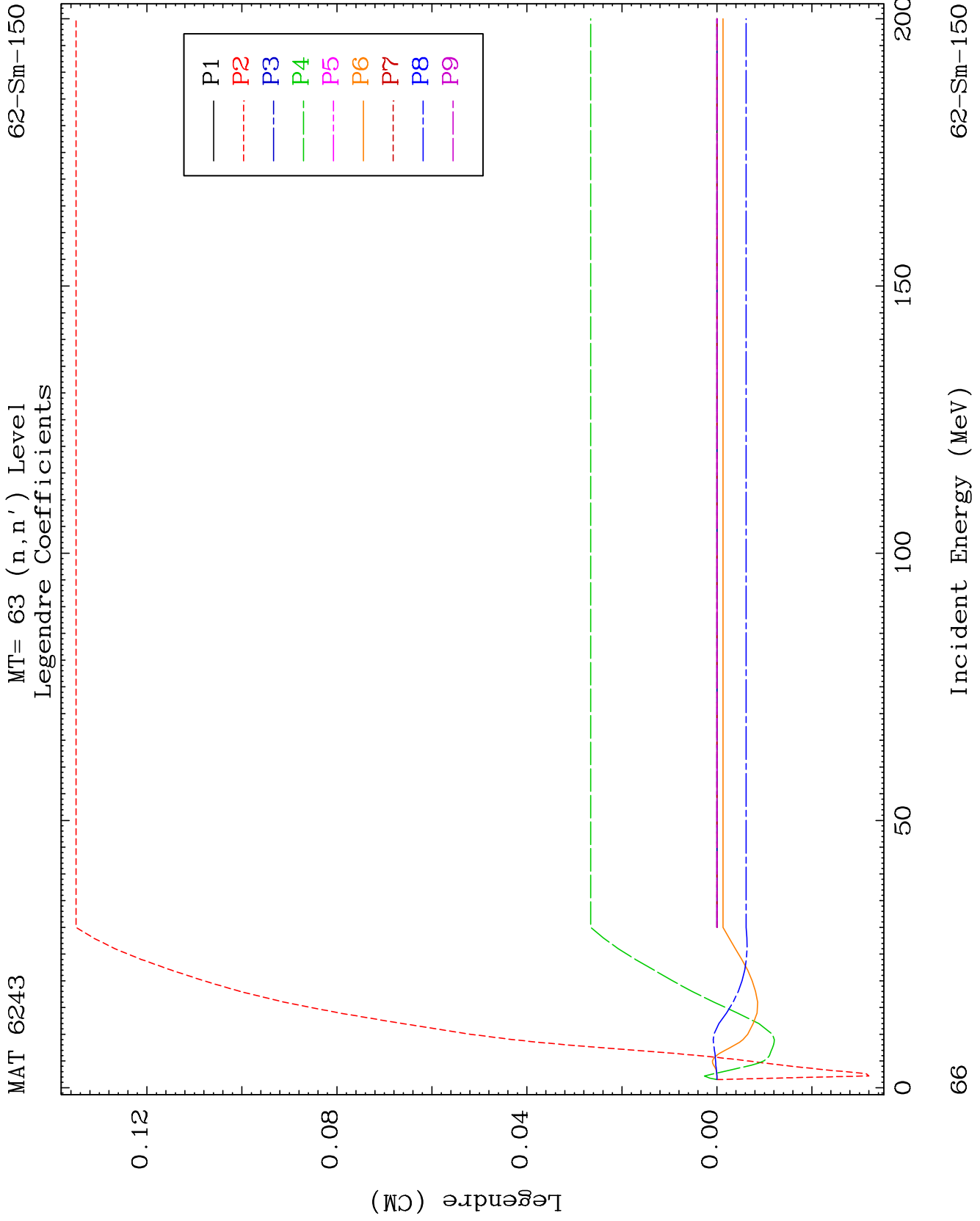
62-Sm-150



65

Incident Energy (MeV)

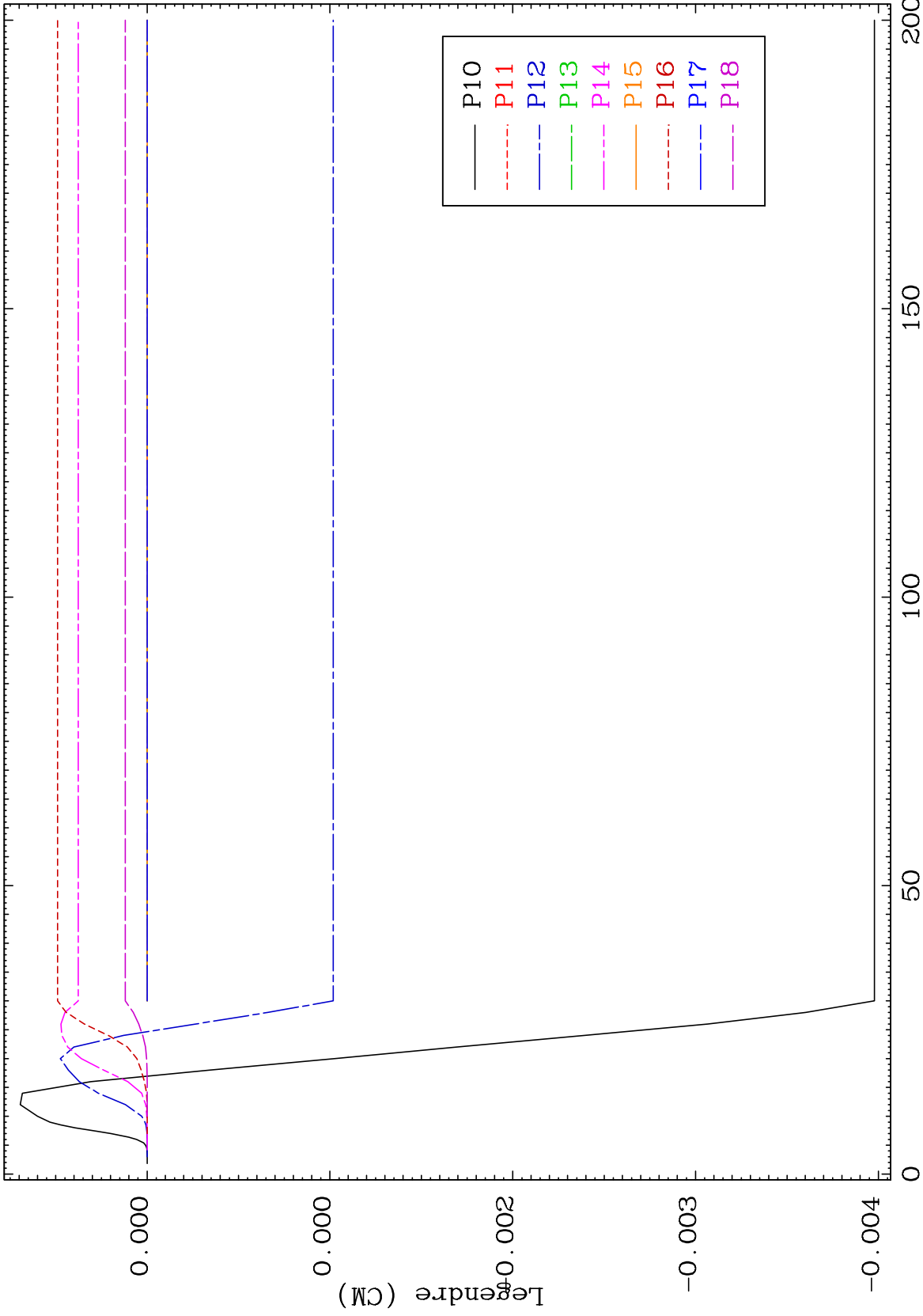
62-Sm-150



MAT 6243

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

62-Sm-150

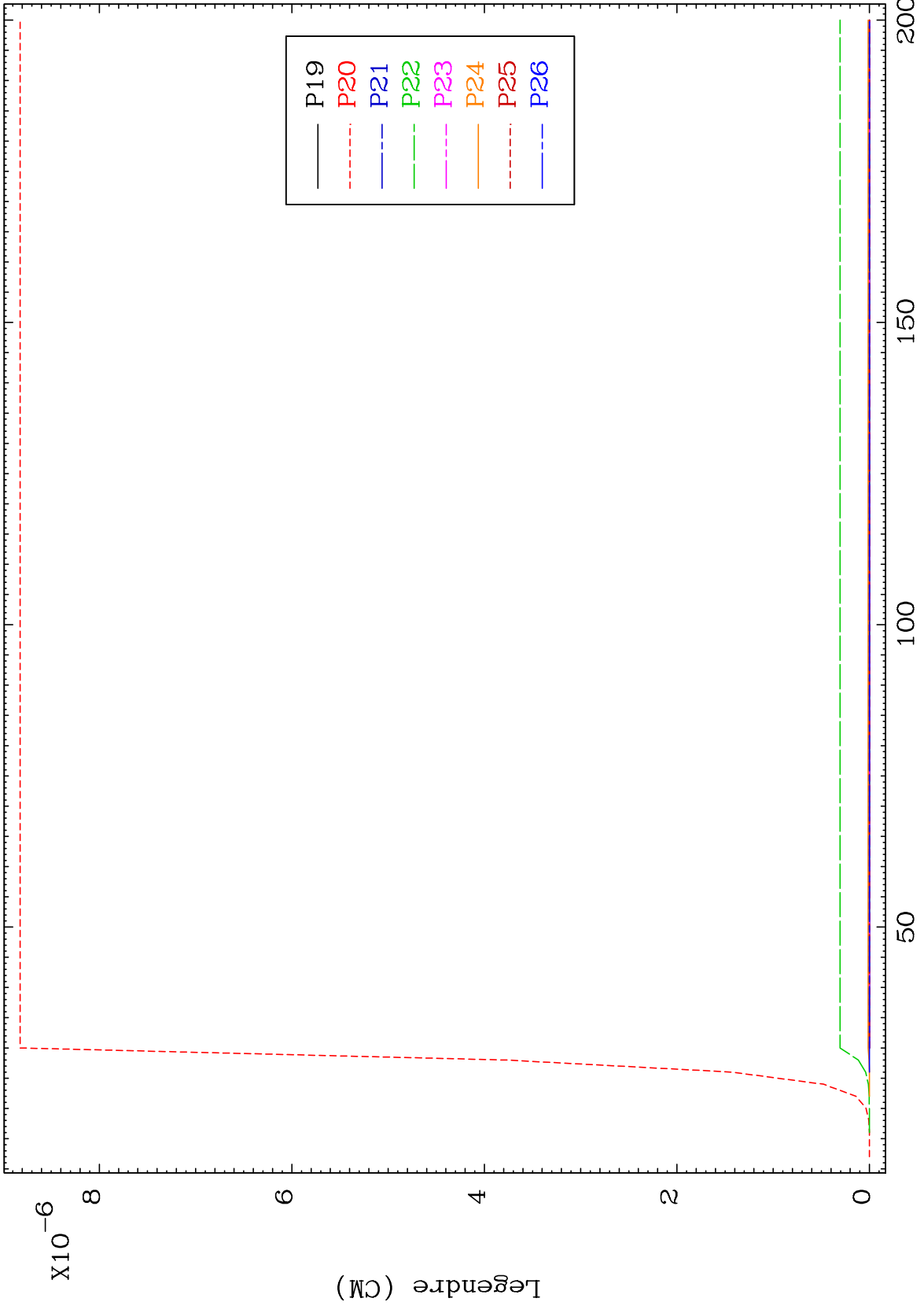


67

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-150

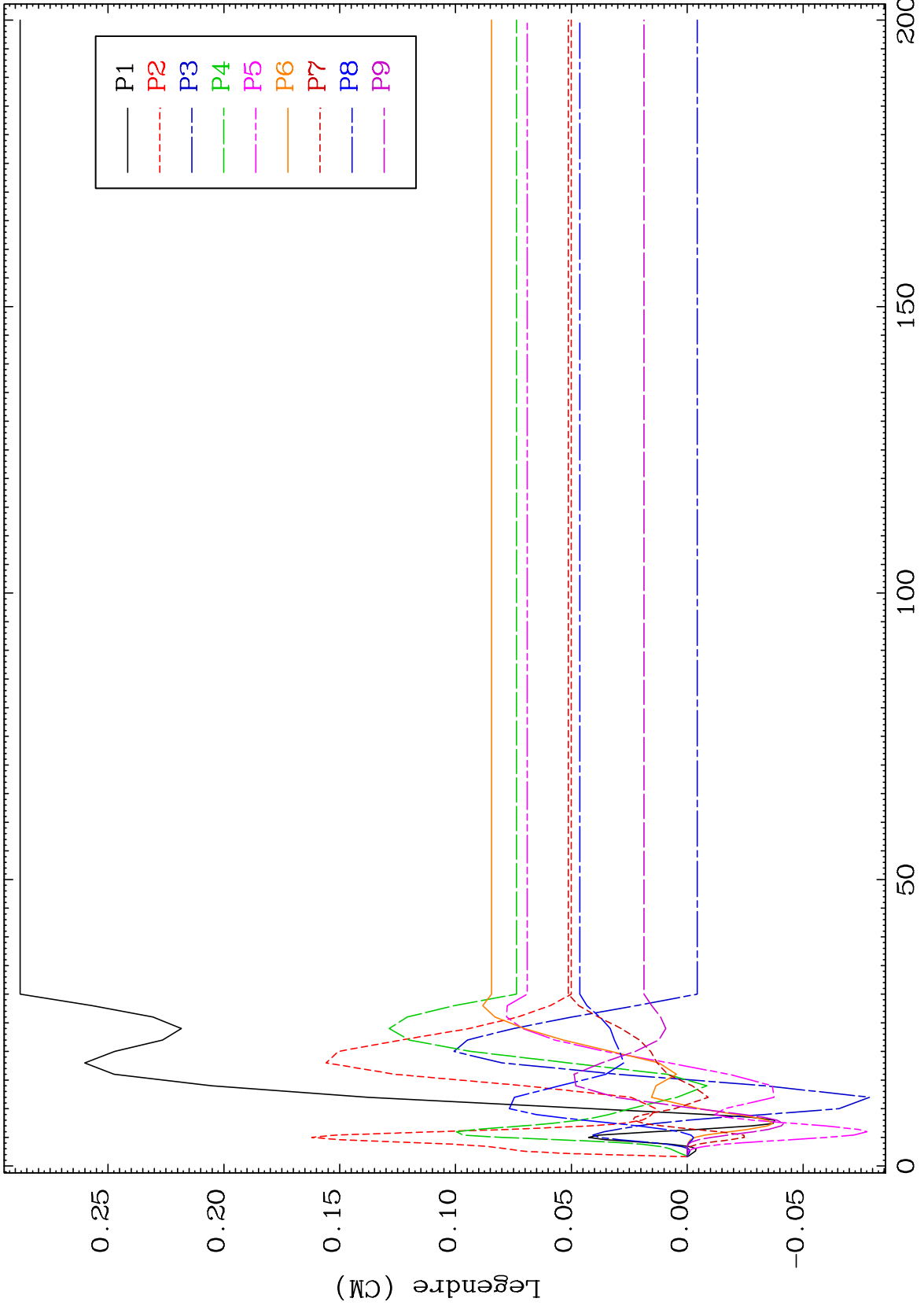


68 Incident Energy (MeV) 200 62-Sm-150

MAT 6243

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

62-Sm-150



69

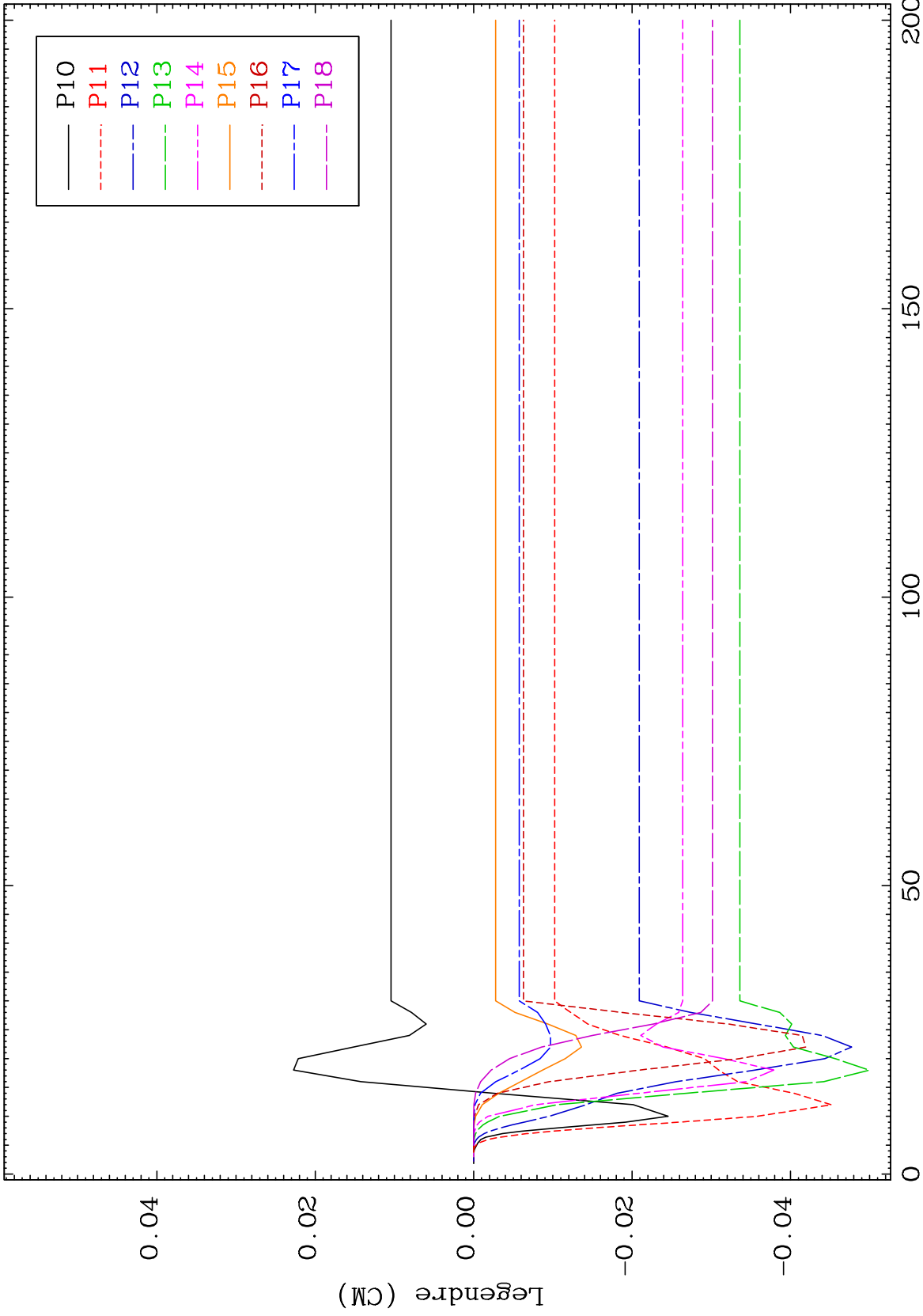
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



70

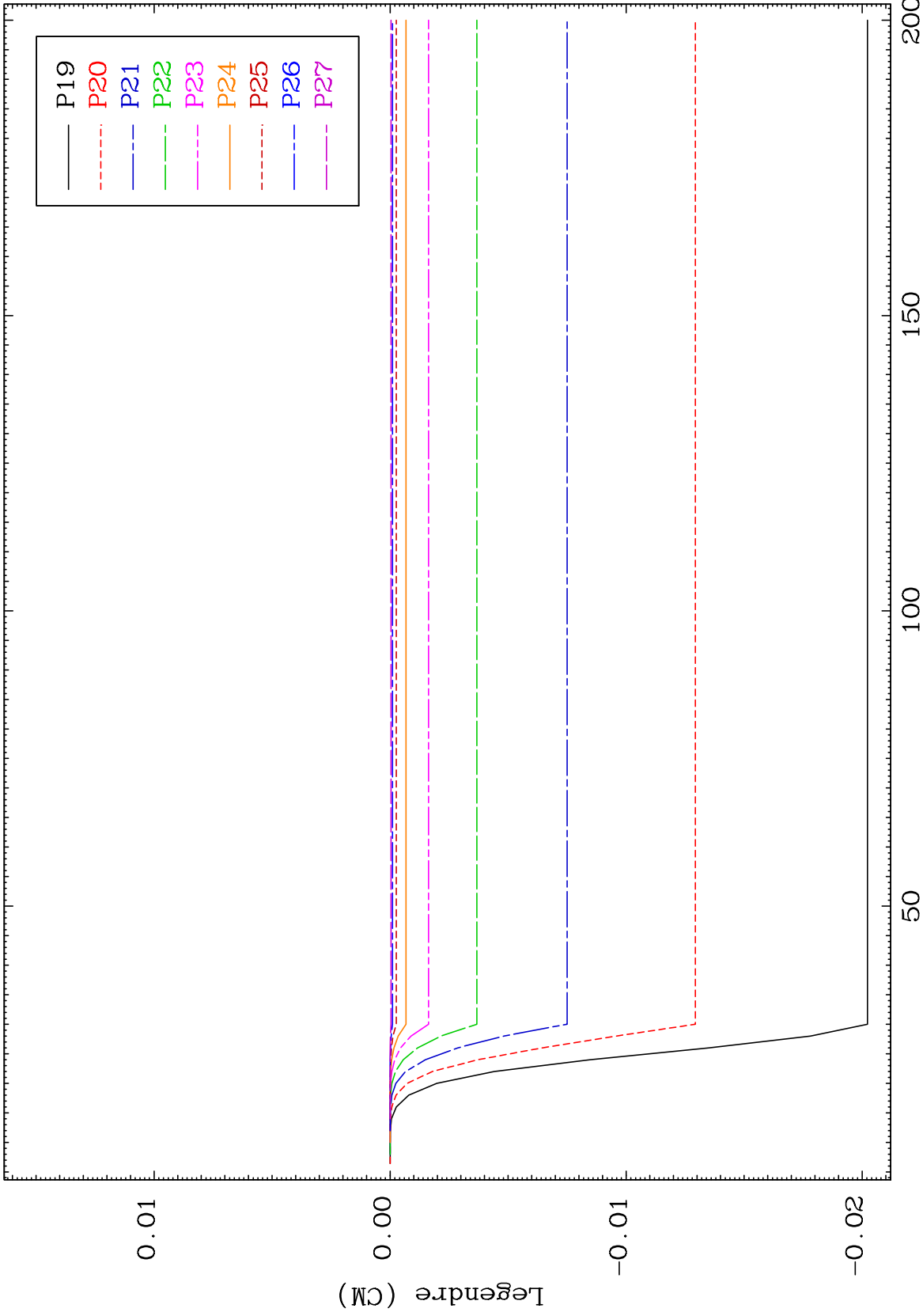
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



71

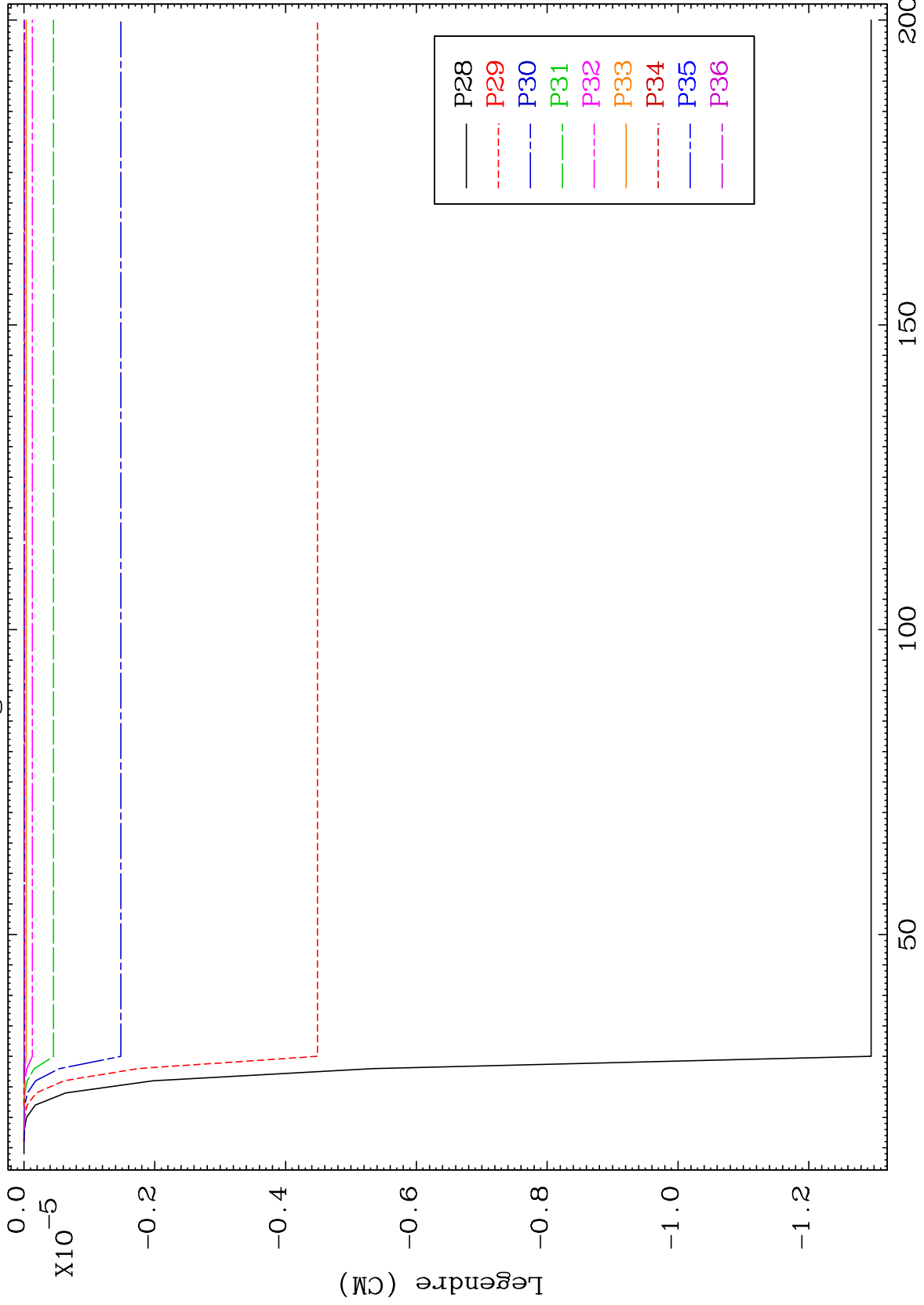
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

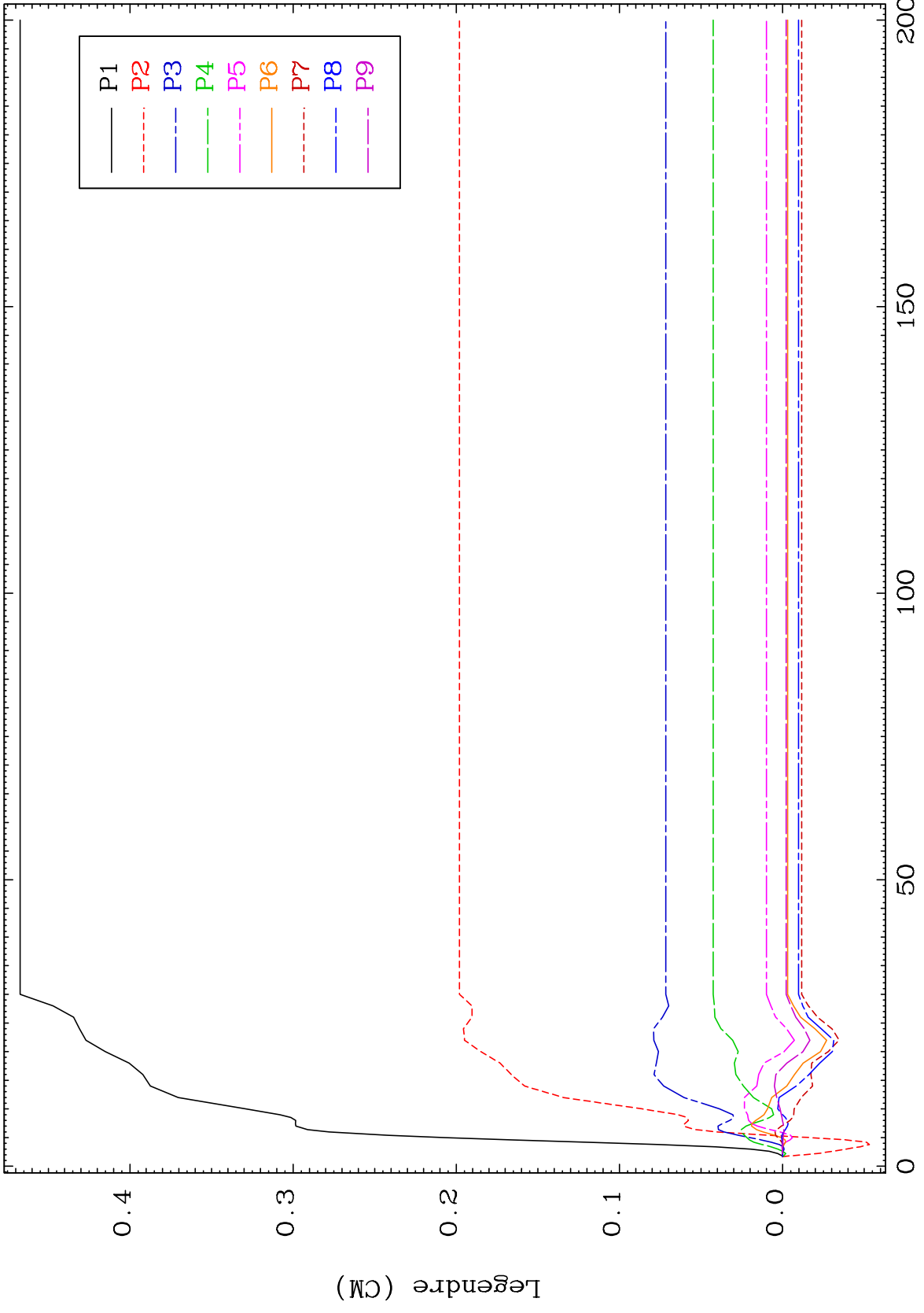
62-Sm-150



62-Sm-150

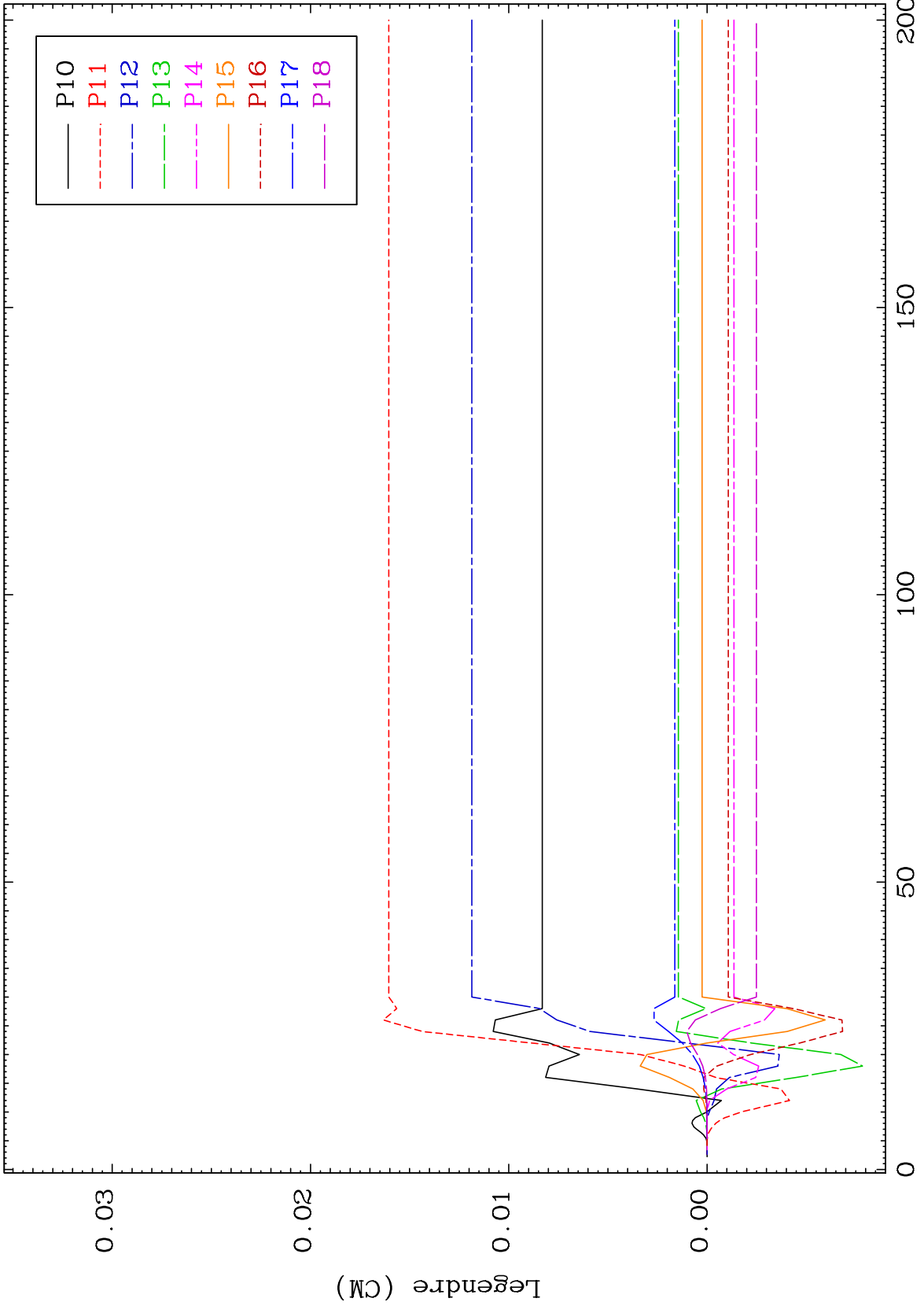
72

MAT 6243 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-150



73 62-Sm-150

MAT 6243 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-150

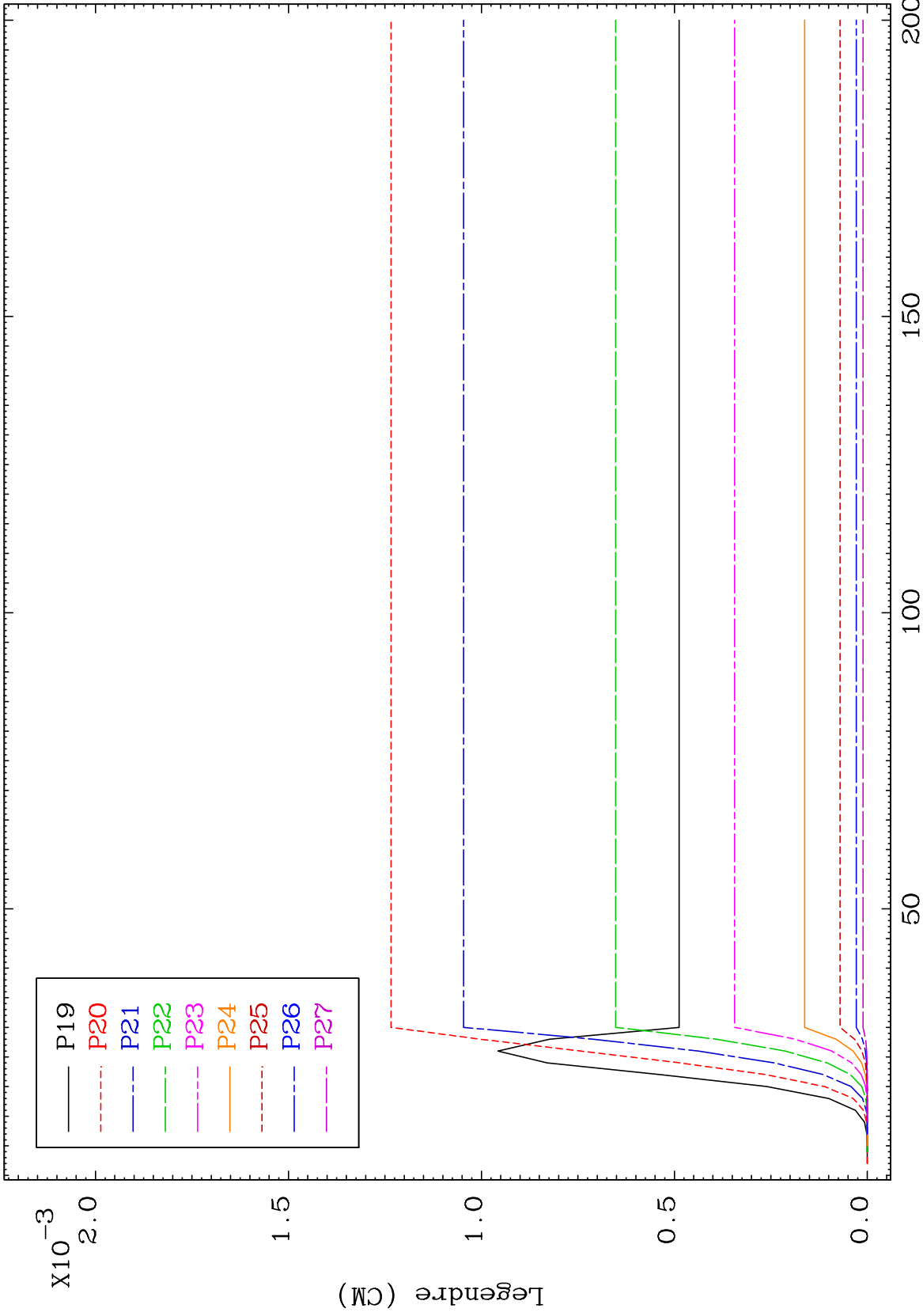


74 62-Sm-150

MAT 6243

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

62-Sm-150



75

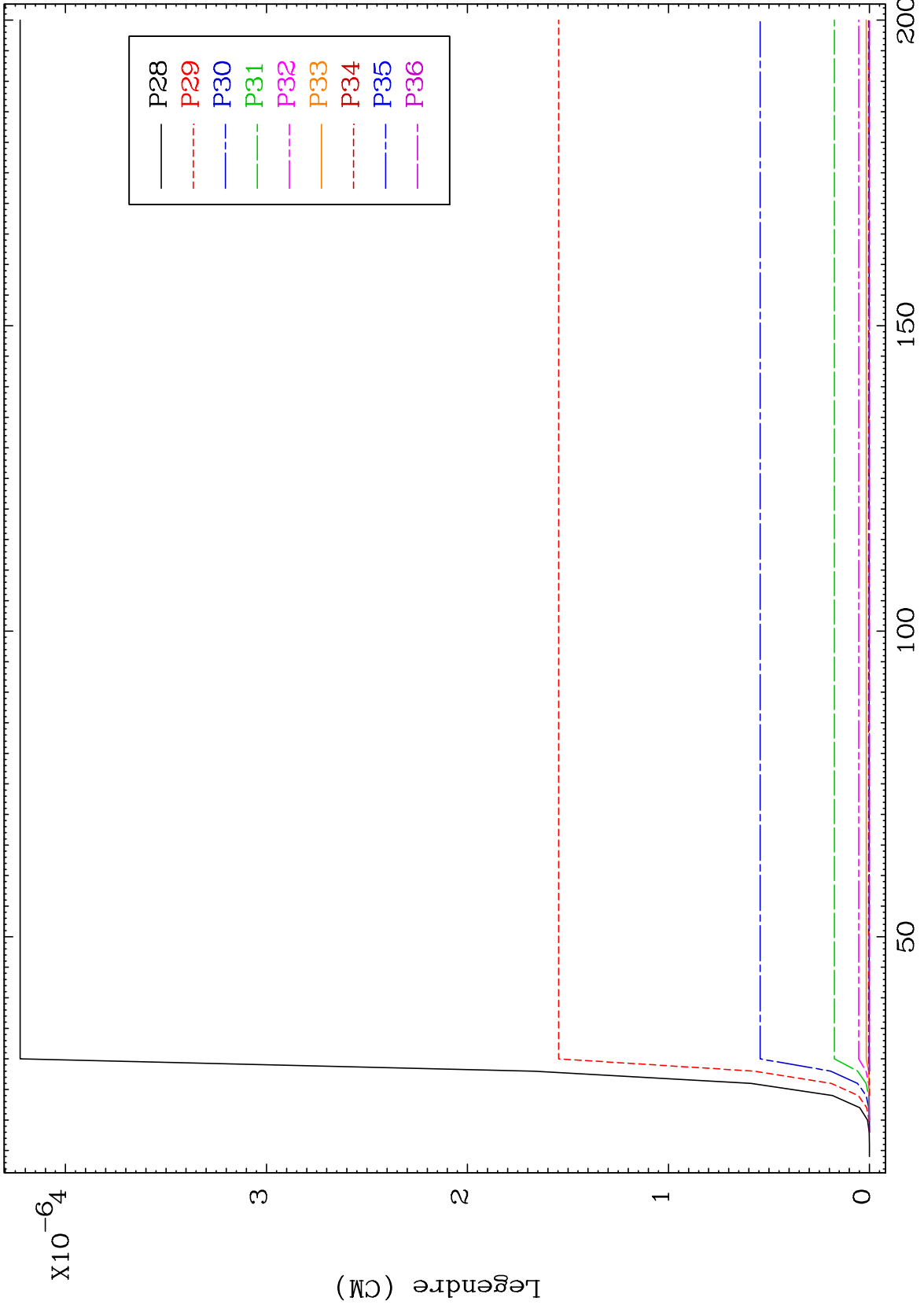
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

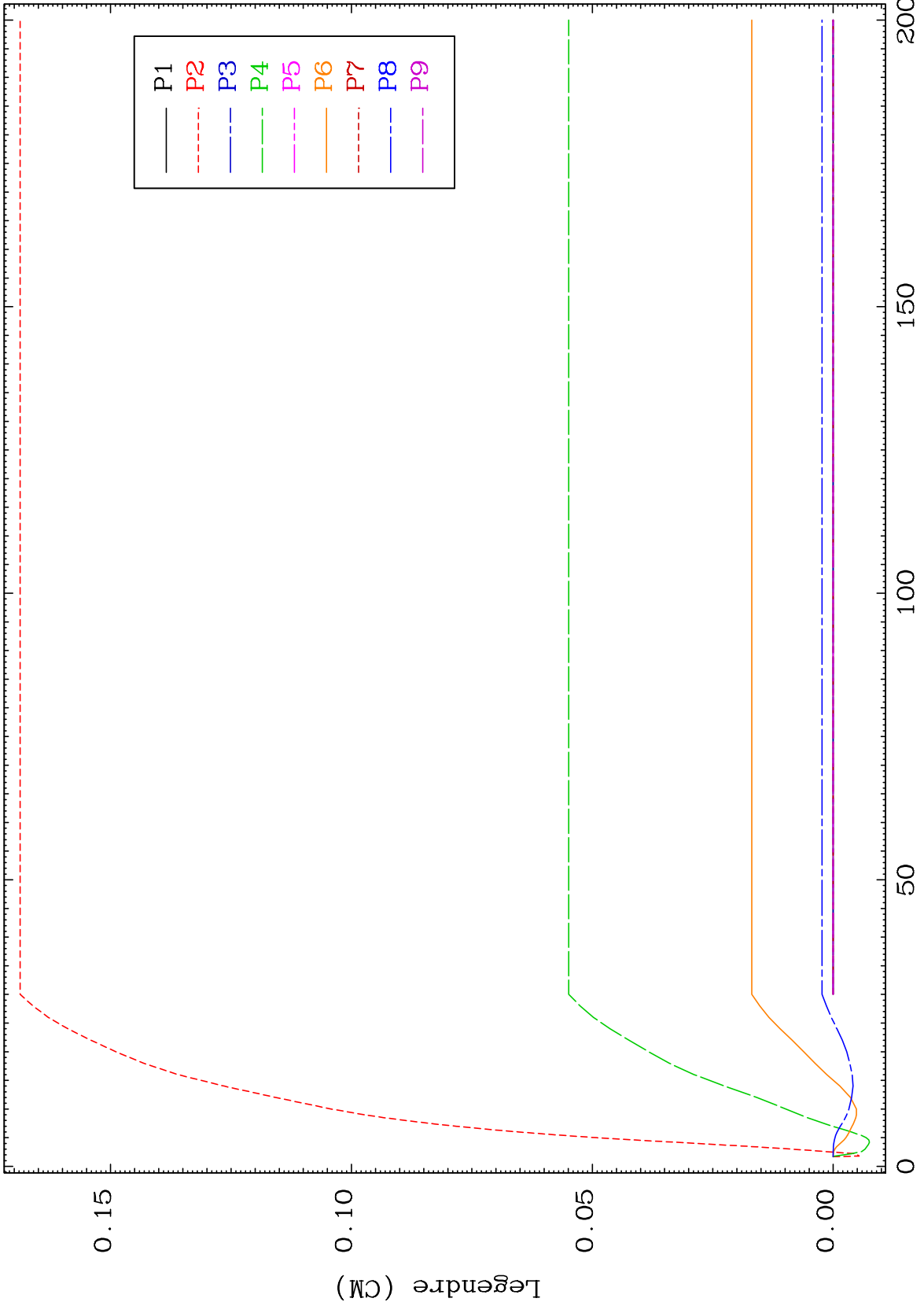


76

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-150

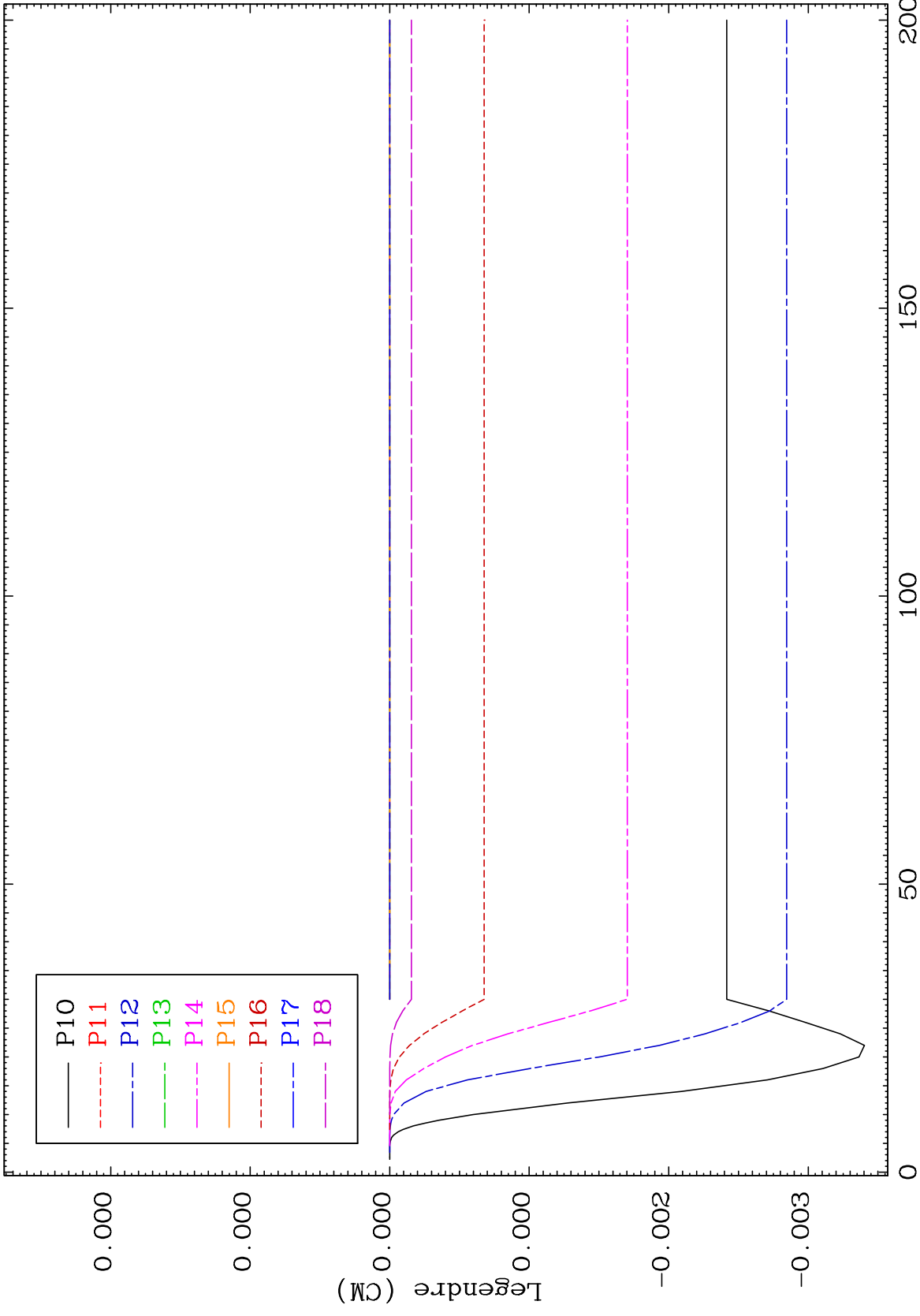


77 62-Sm-150

MAT 6243

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

62-Sm-150

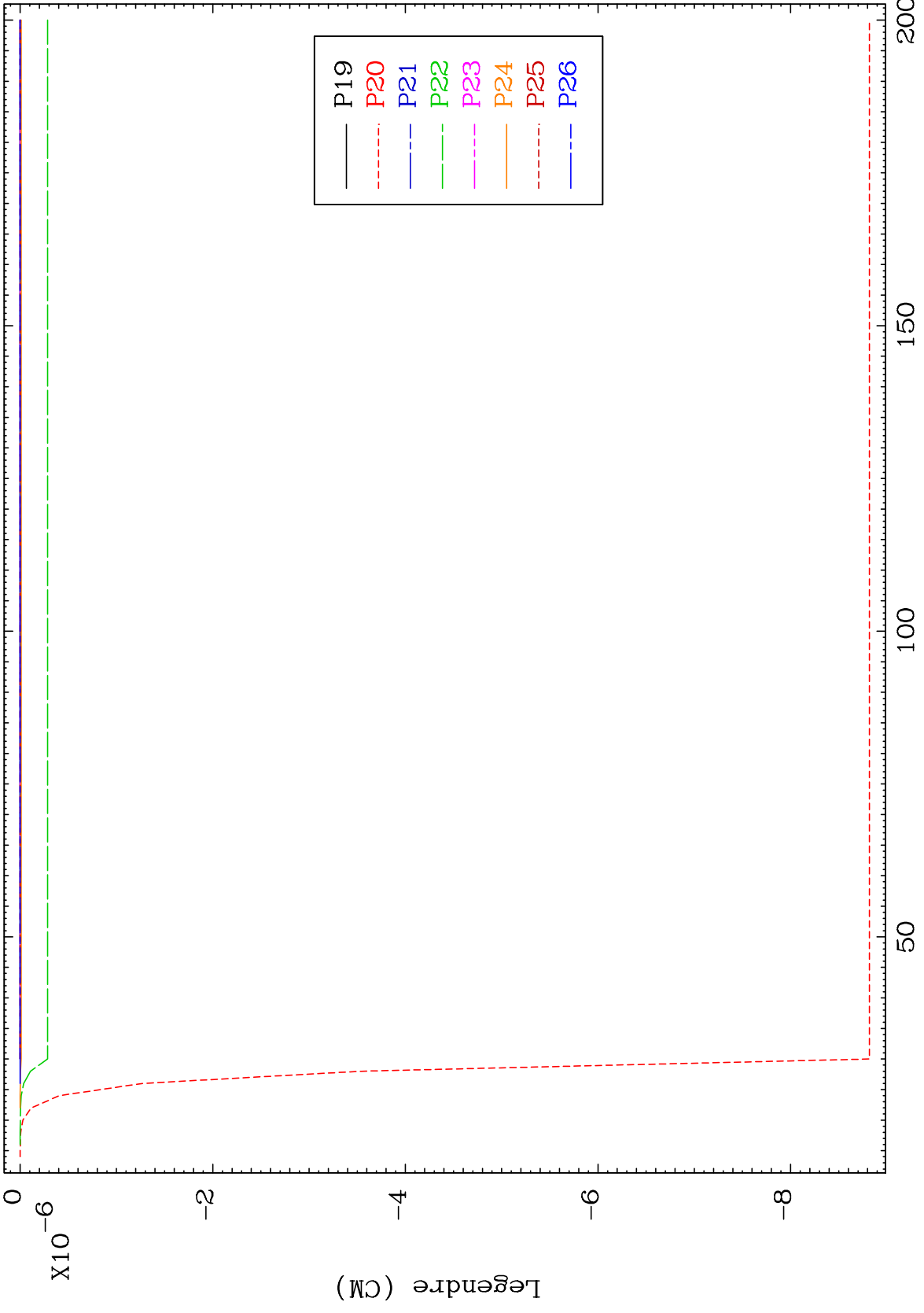


78

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-150

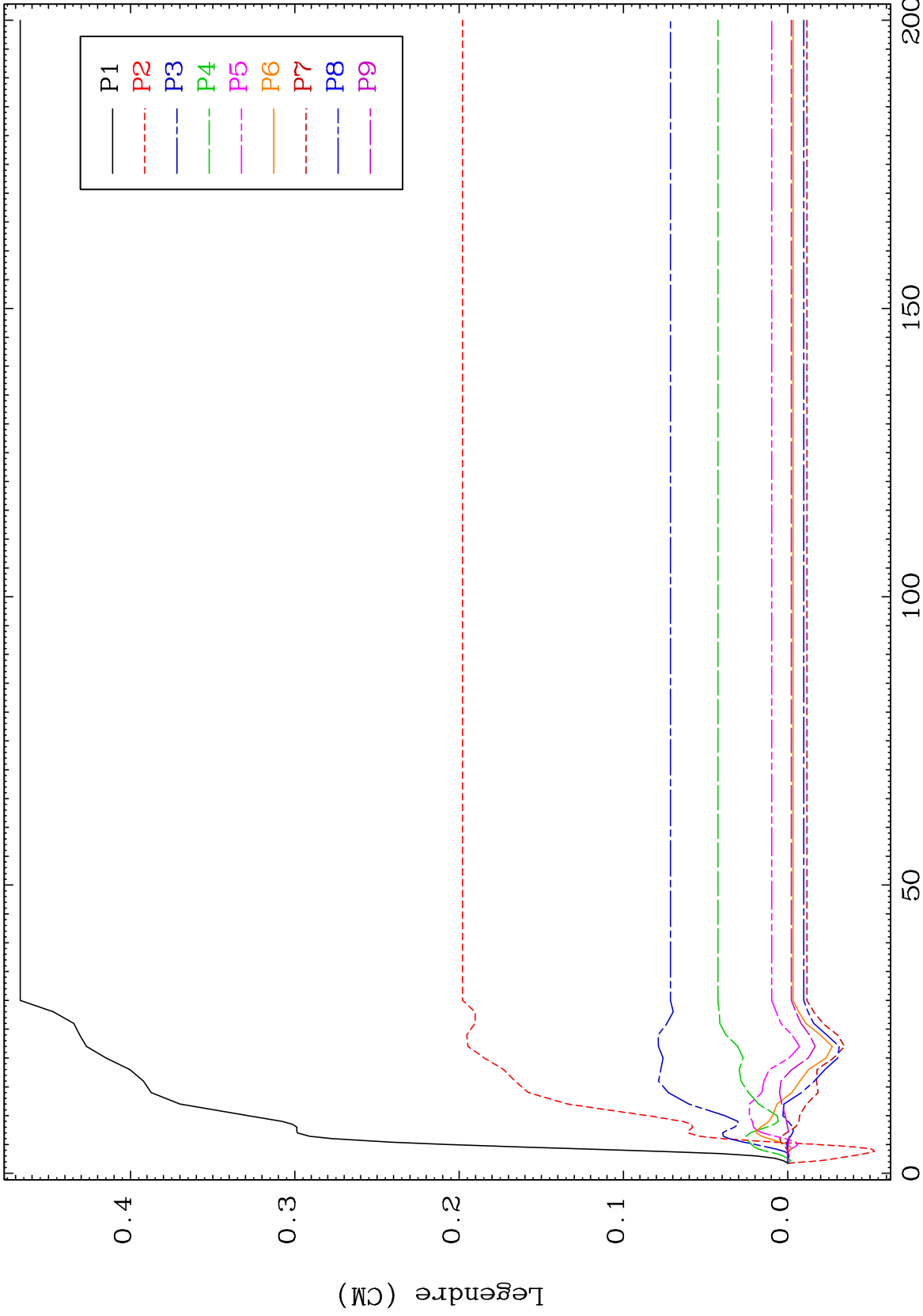


79 62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

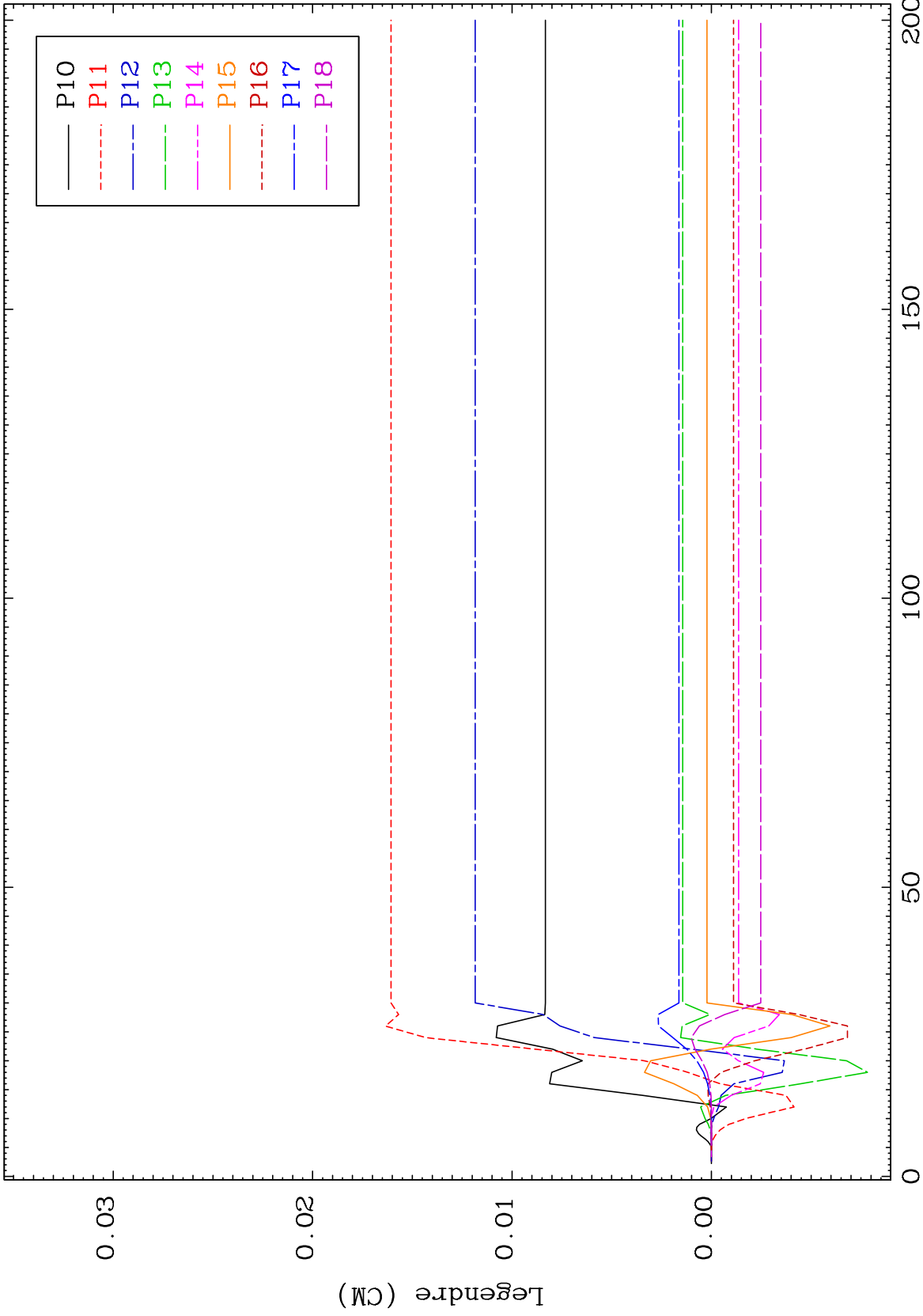
Incident Energy (MeV)

80

MAT 6243

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

62-Sm-150



81

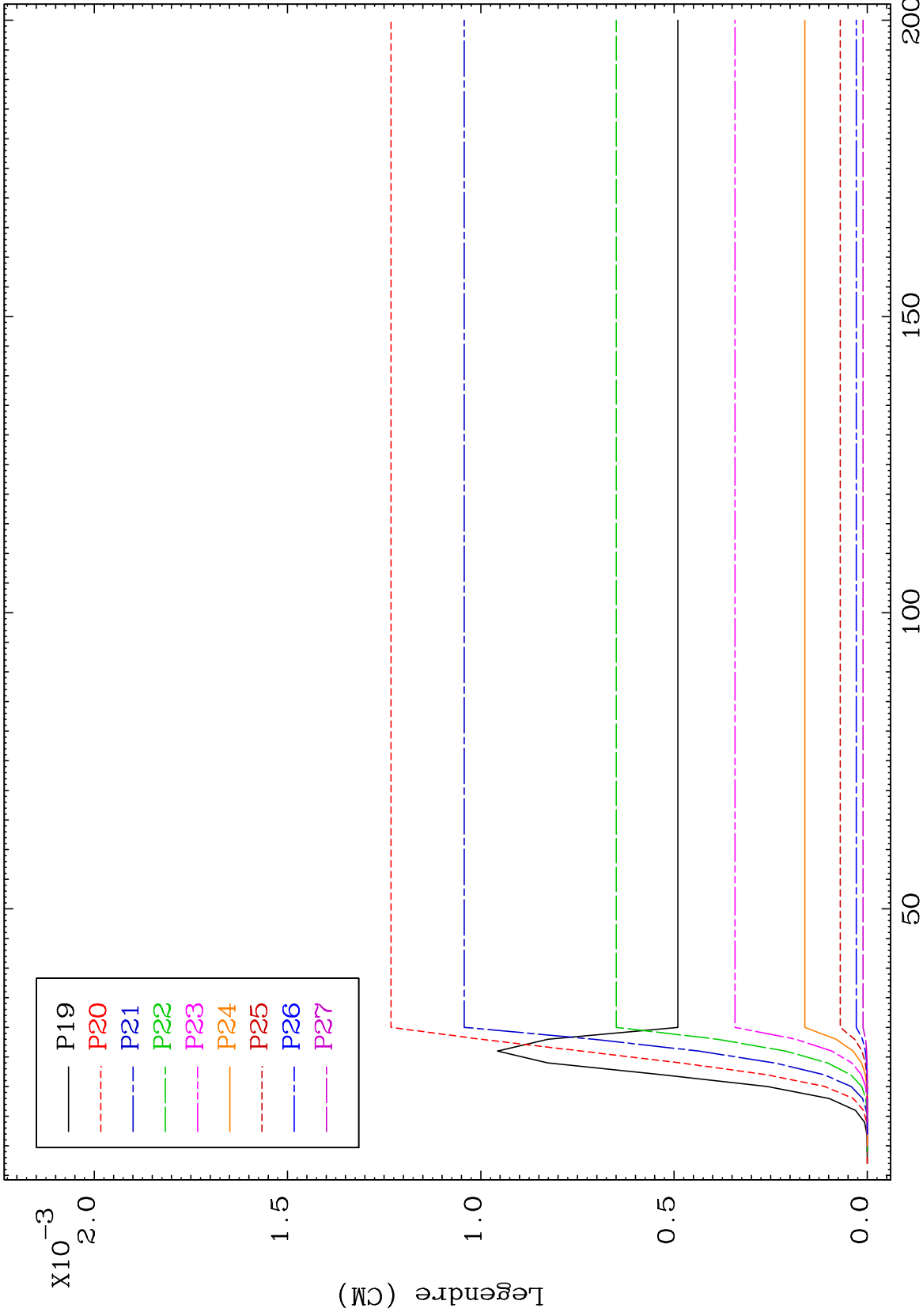
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



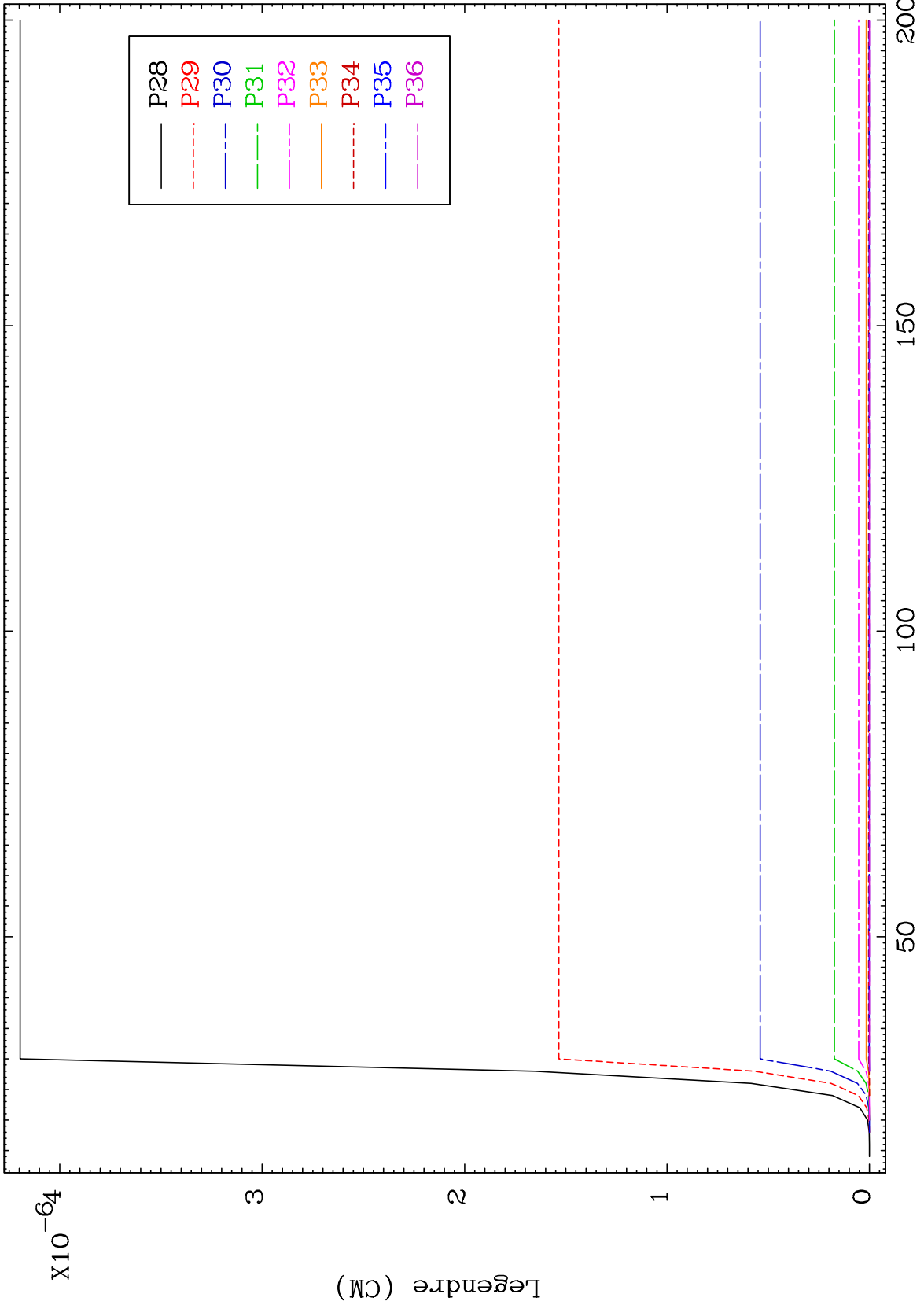
82

62-Sm-150

MAT 6243

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

62-Sm-150



83

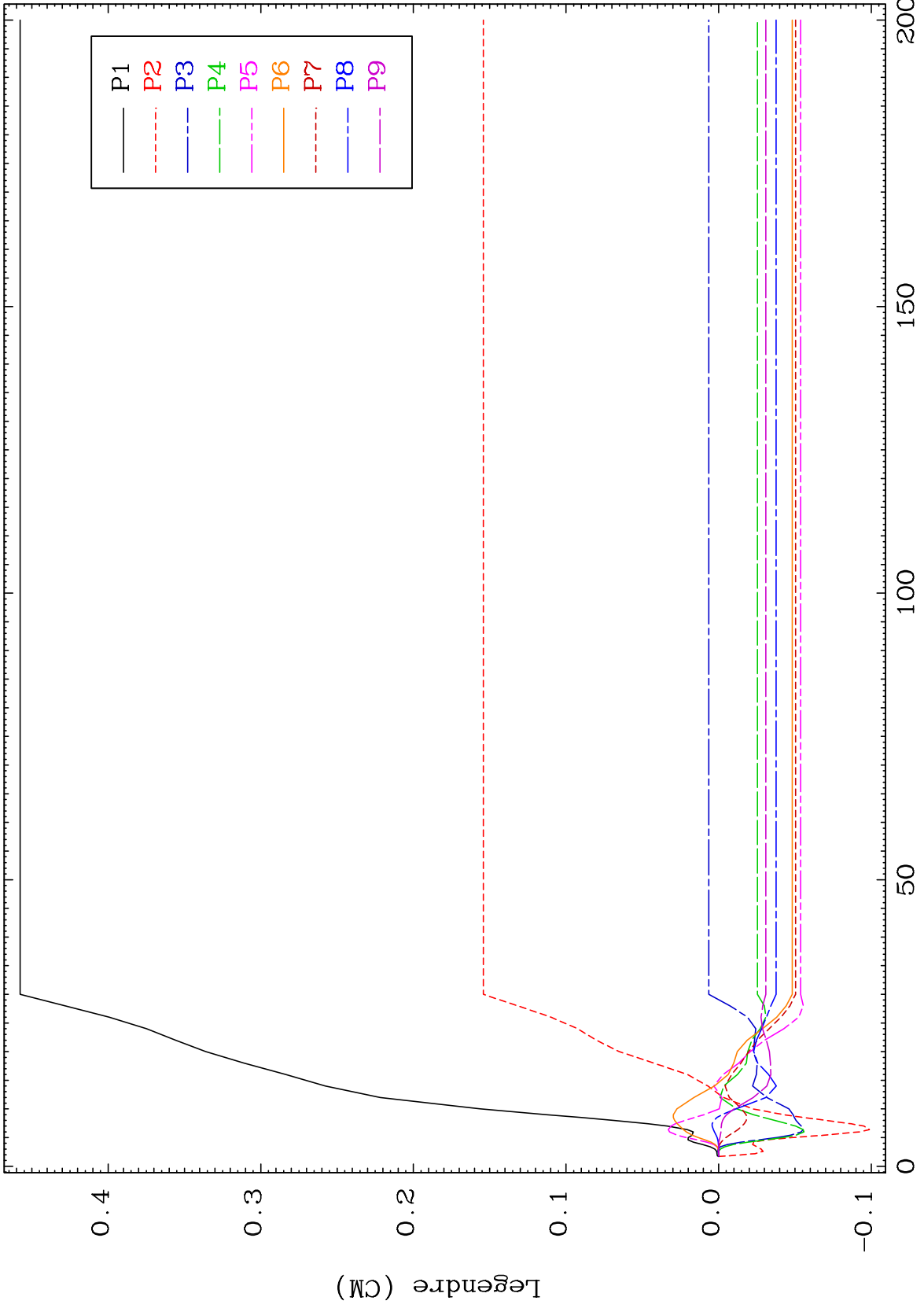
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



84

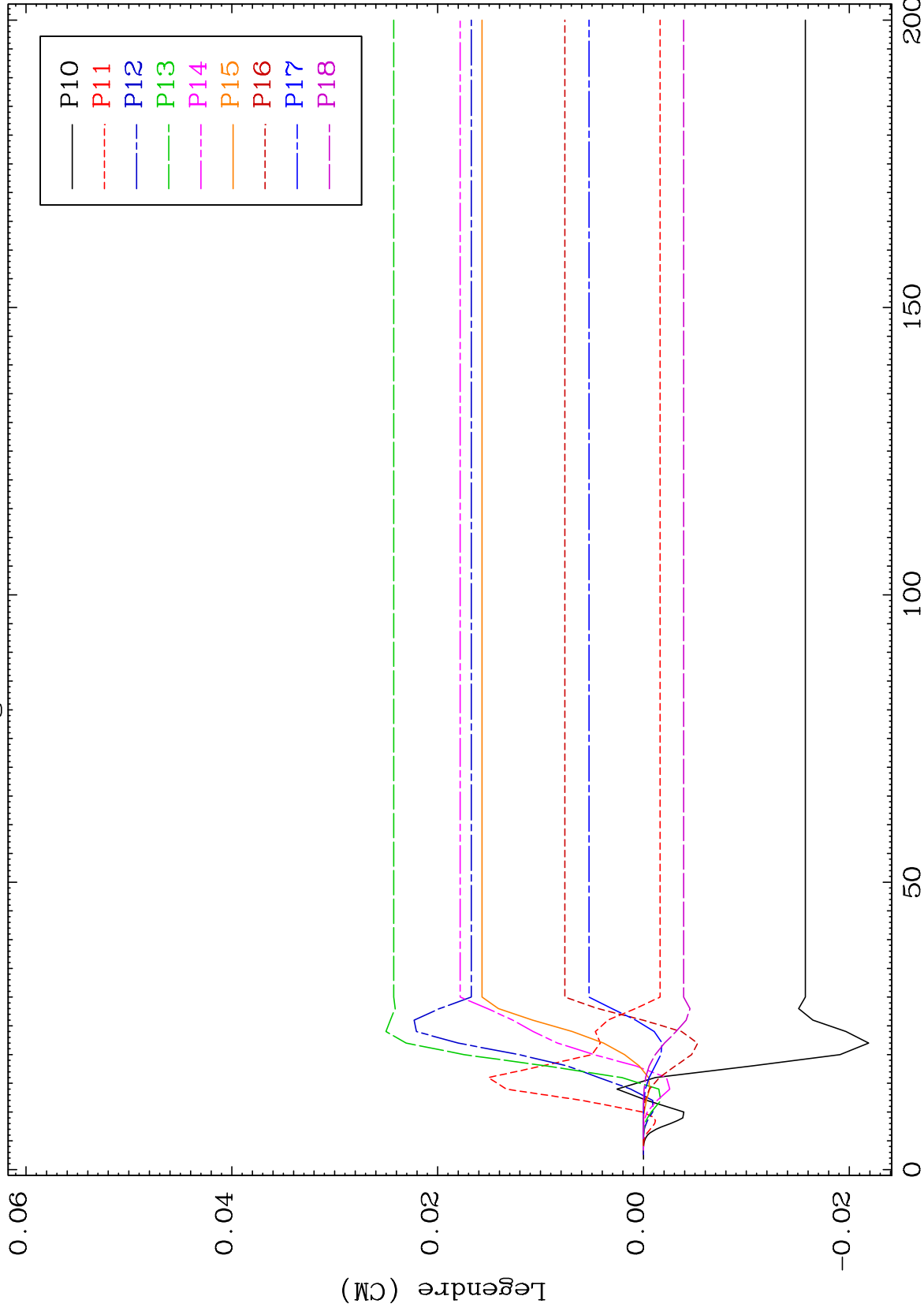
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



85

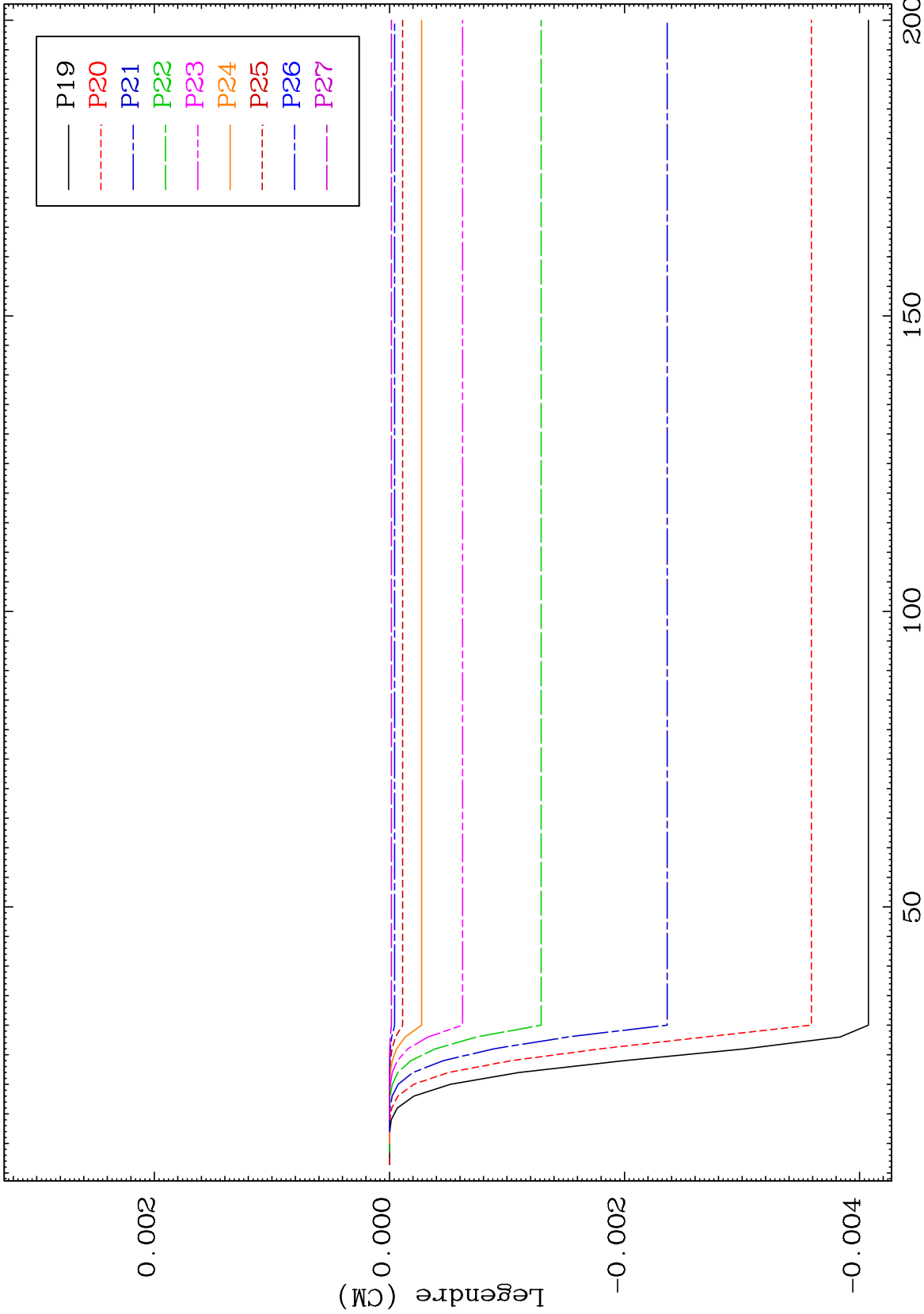
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



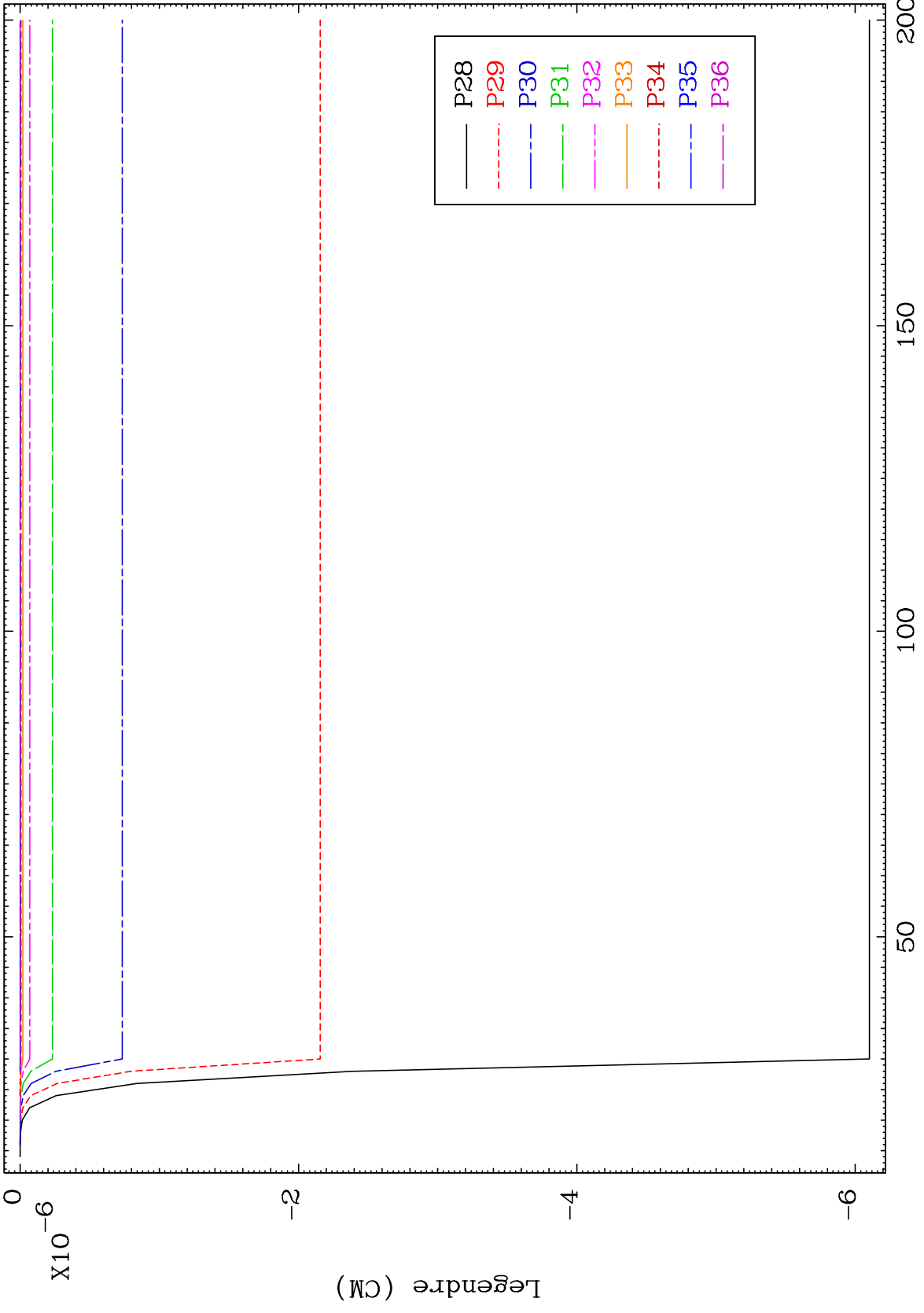
86

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 68 (n,n') Level 62-Sm-150

Legendre Coefficients

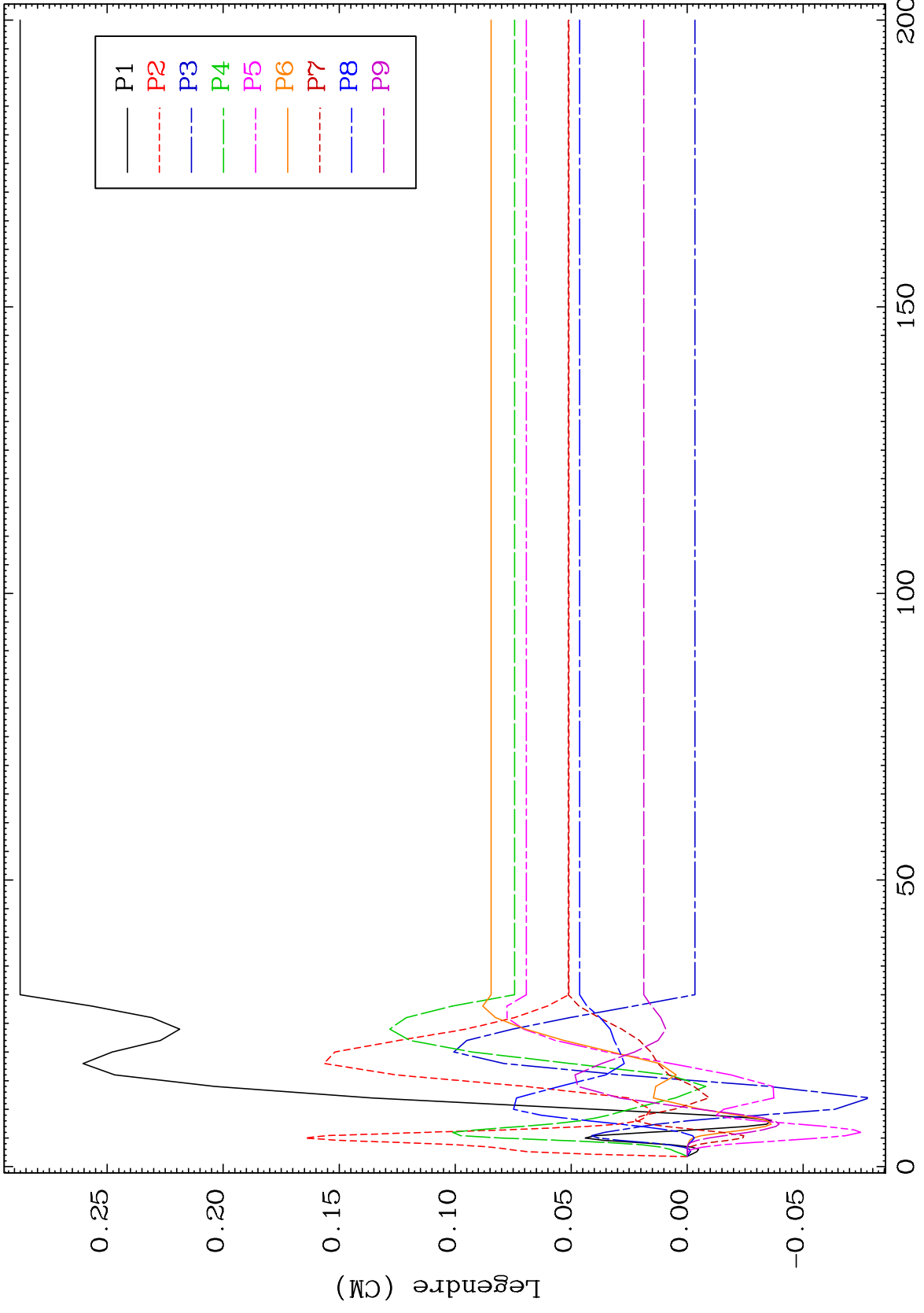


87 Incident Energy (MeV) 62-Sm-150

MAT 6243

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

62-Sm-150



88

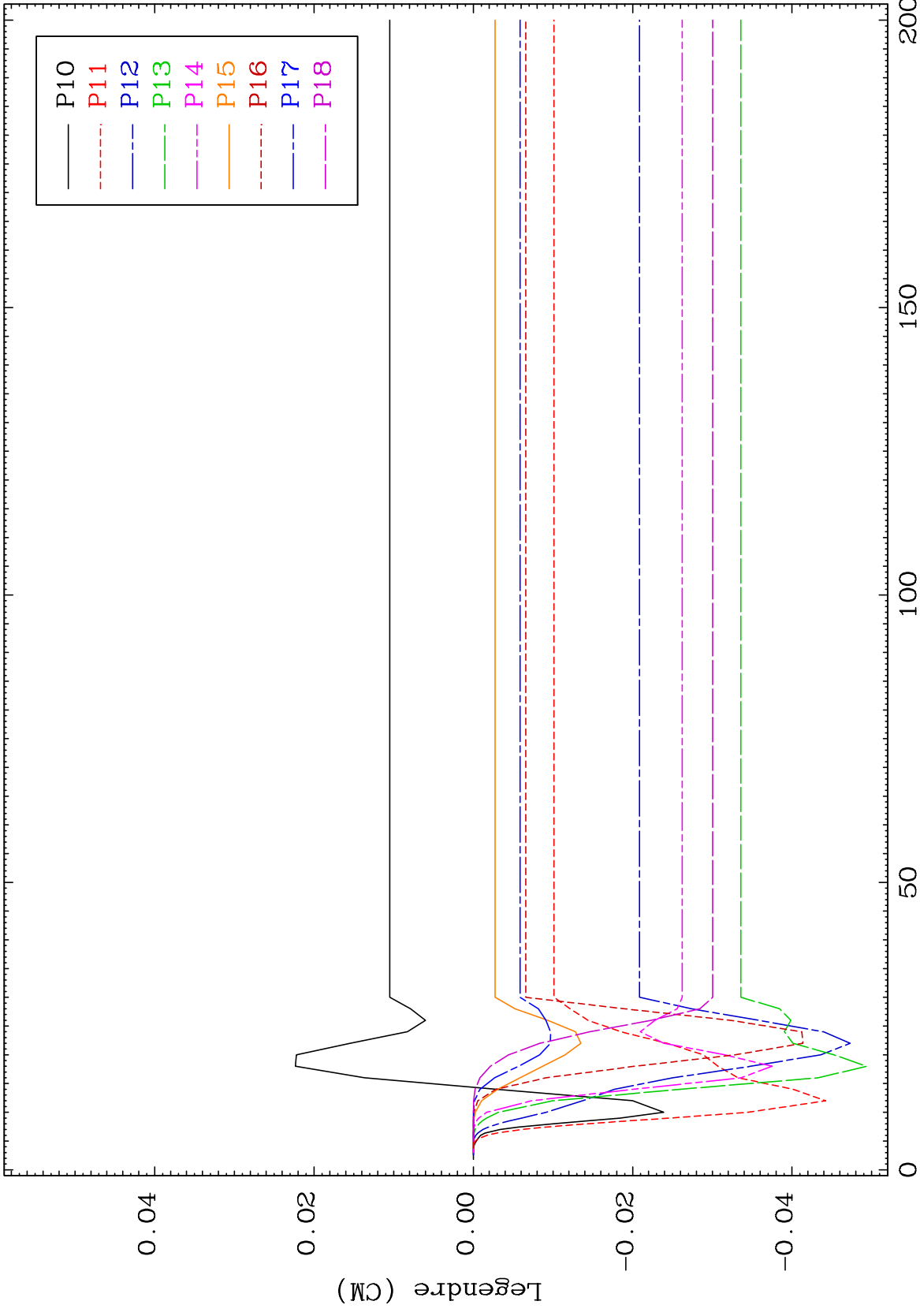
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



89

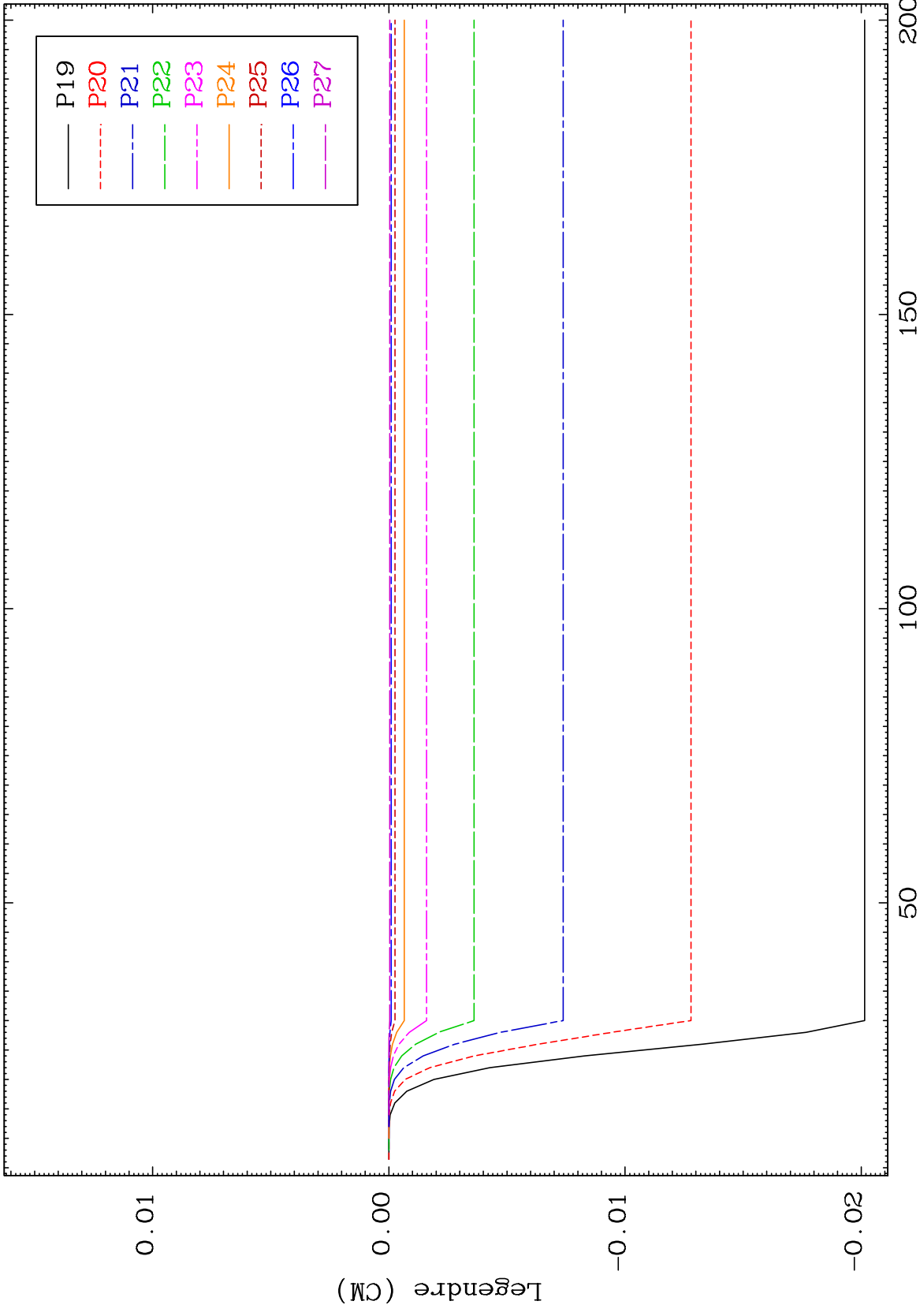
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



90

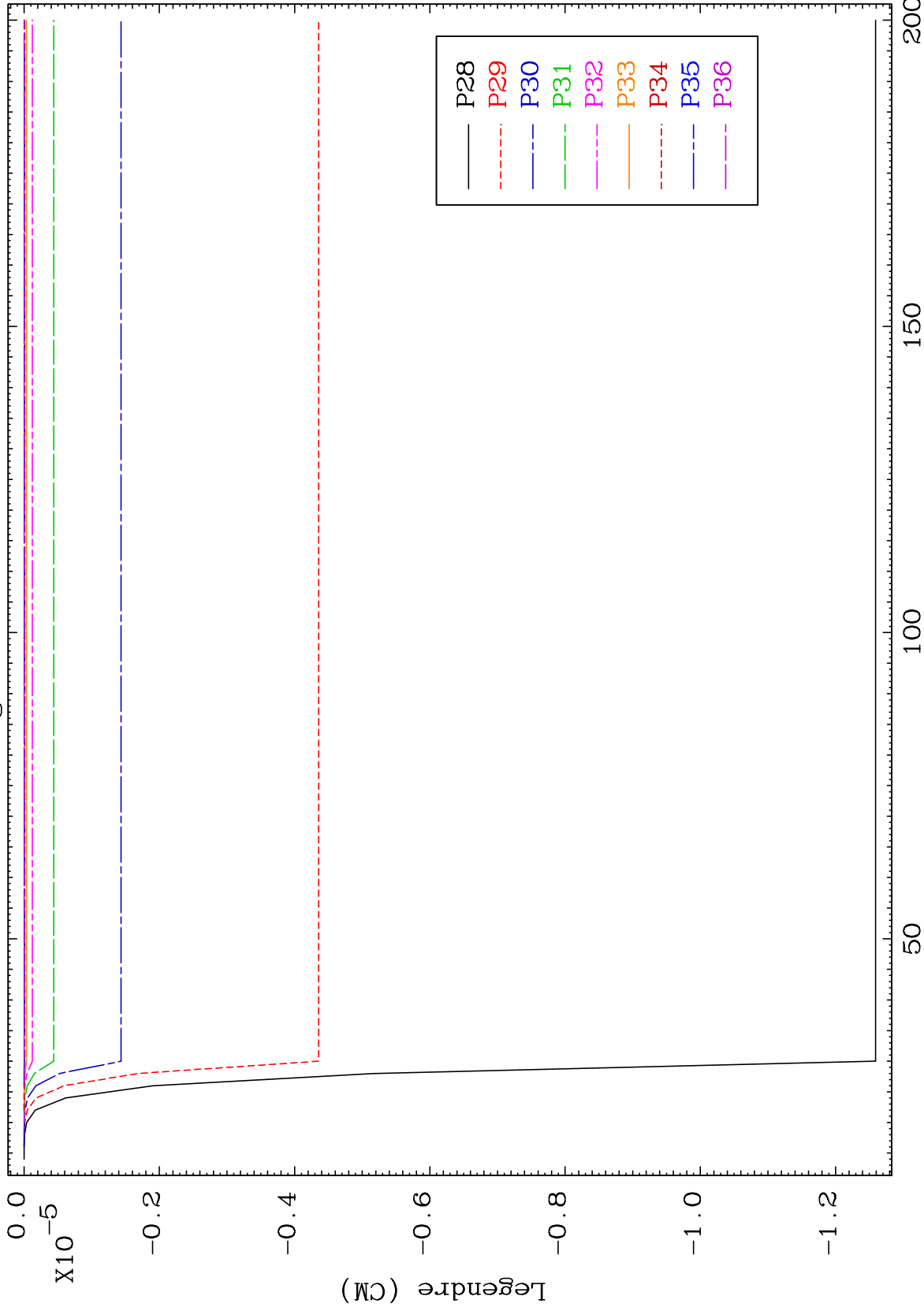
Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 69 (n,n') Level

Legendre Coefficients

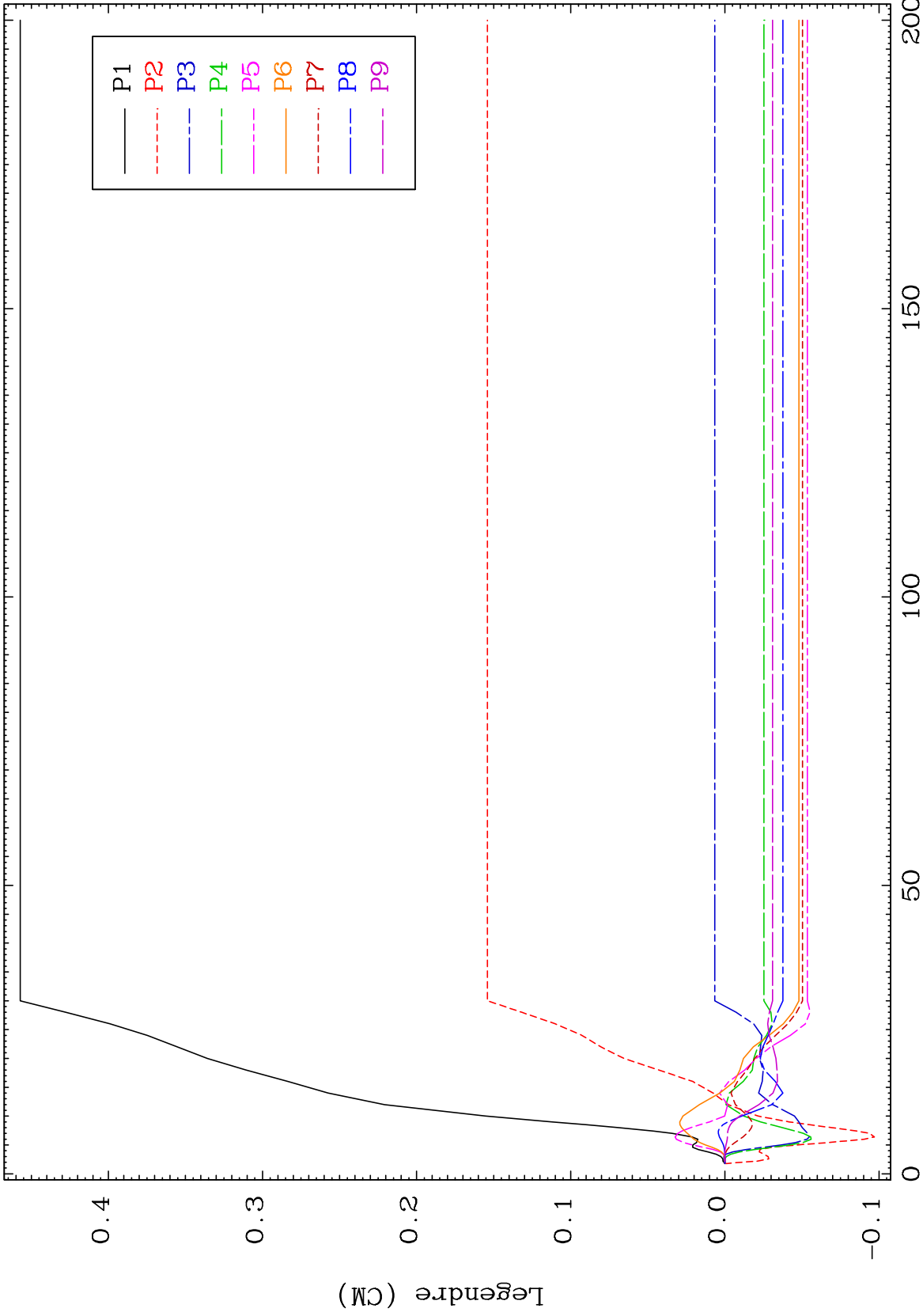
62-Sm-150



MAT 6243

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

62-Sm-150



92

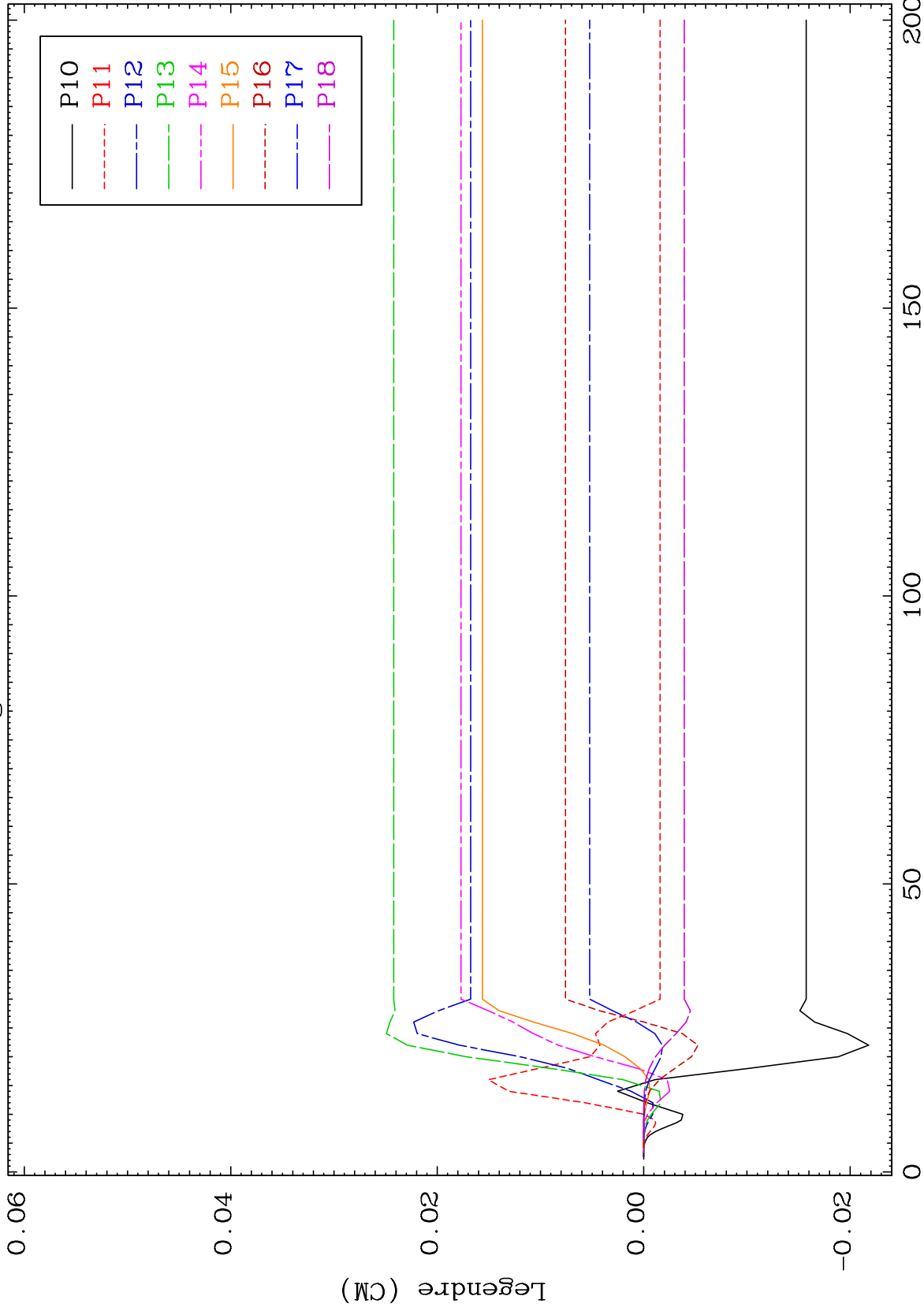
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



93

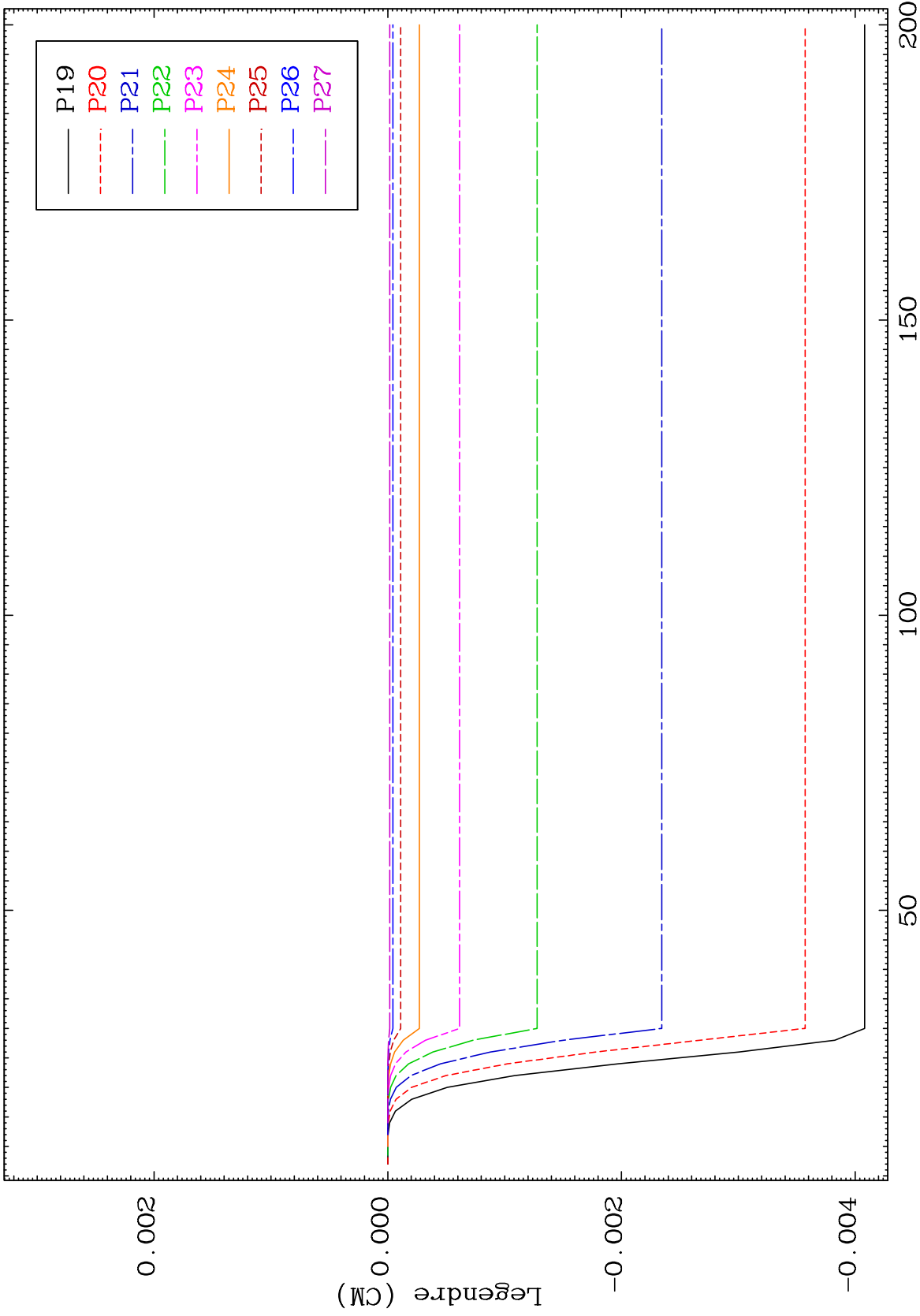
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

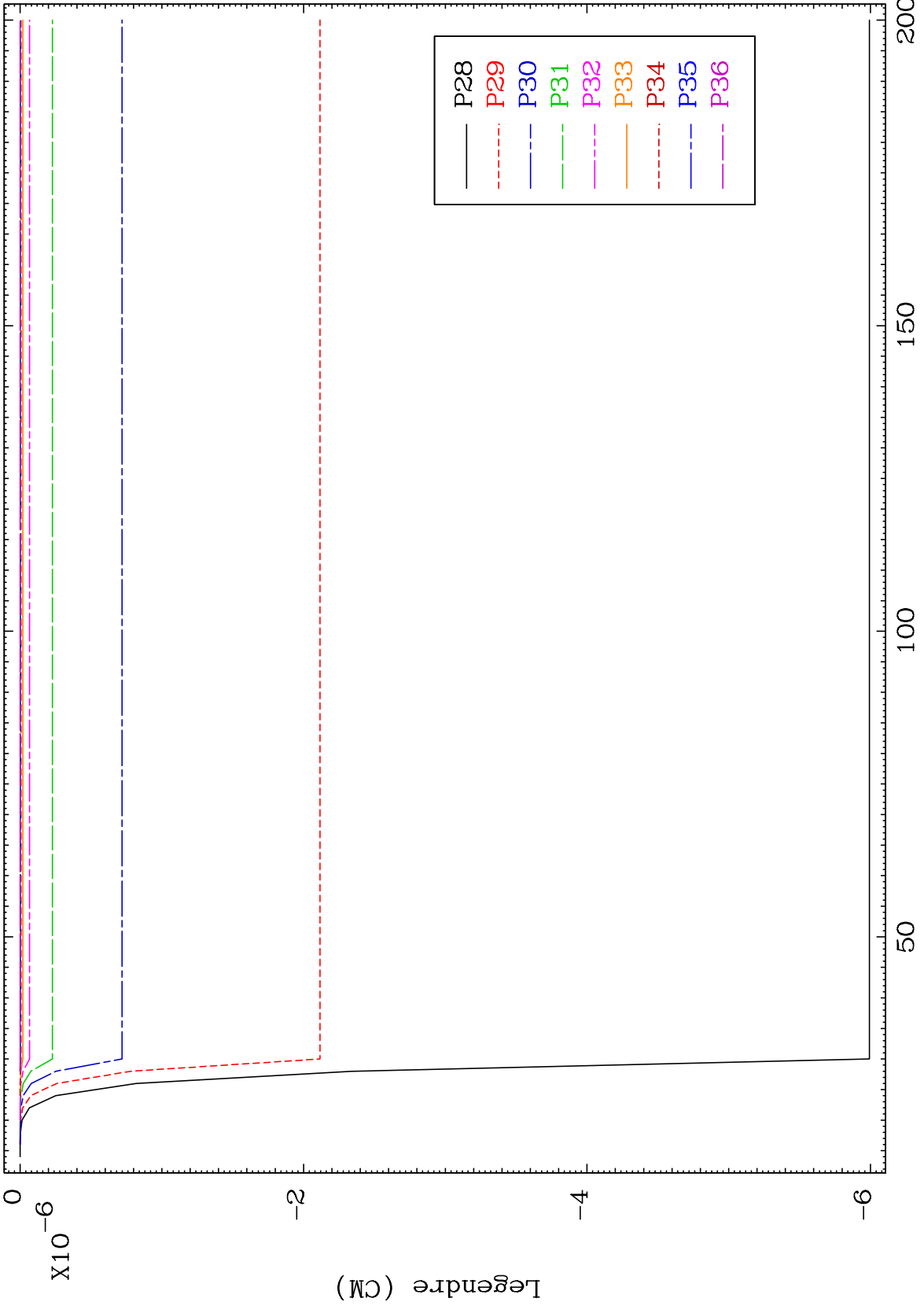


94

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 70 (n,n') Level Legendre Coefficients 62-Sm-150

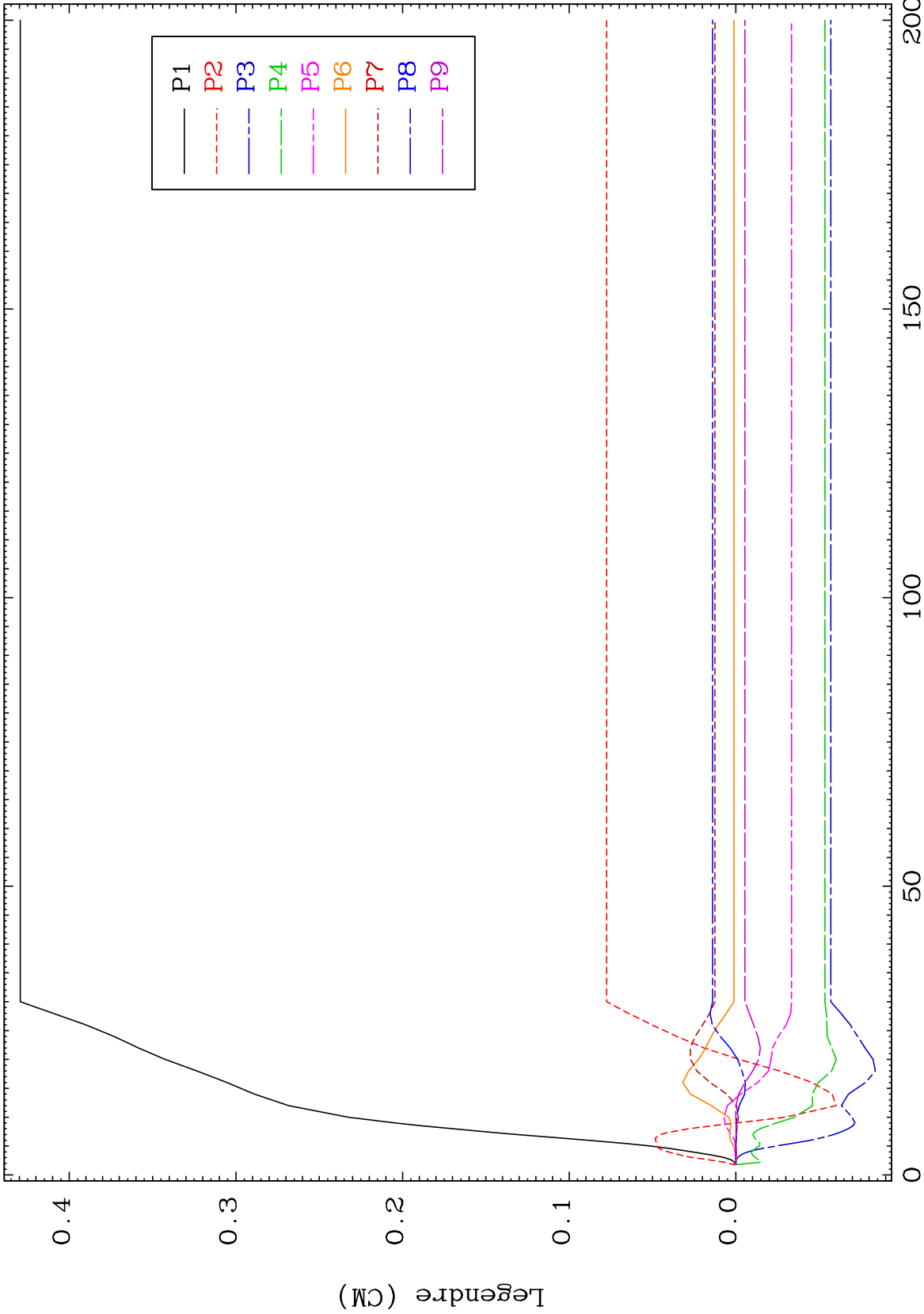


95 Incident Energy (MeV) 62-Sm-150

MAT 6243

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

62-Sm-150



96

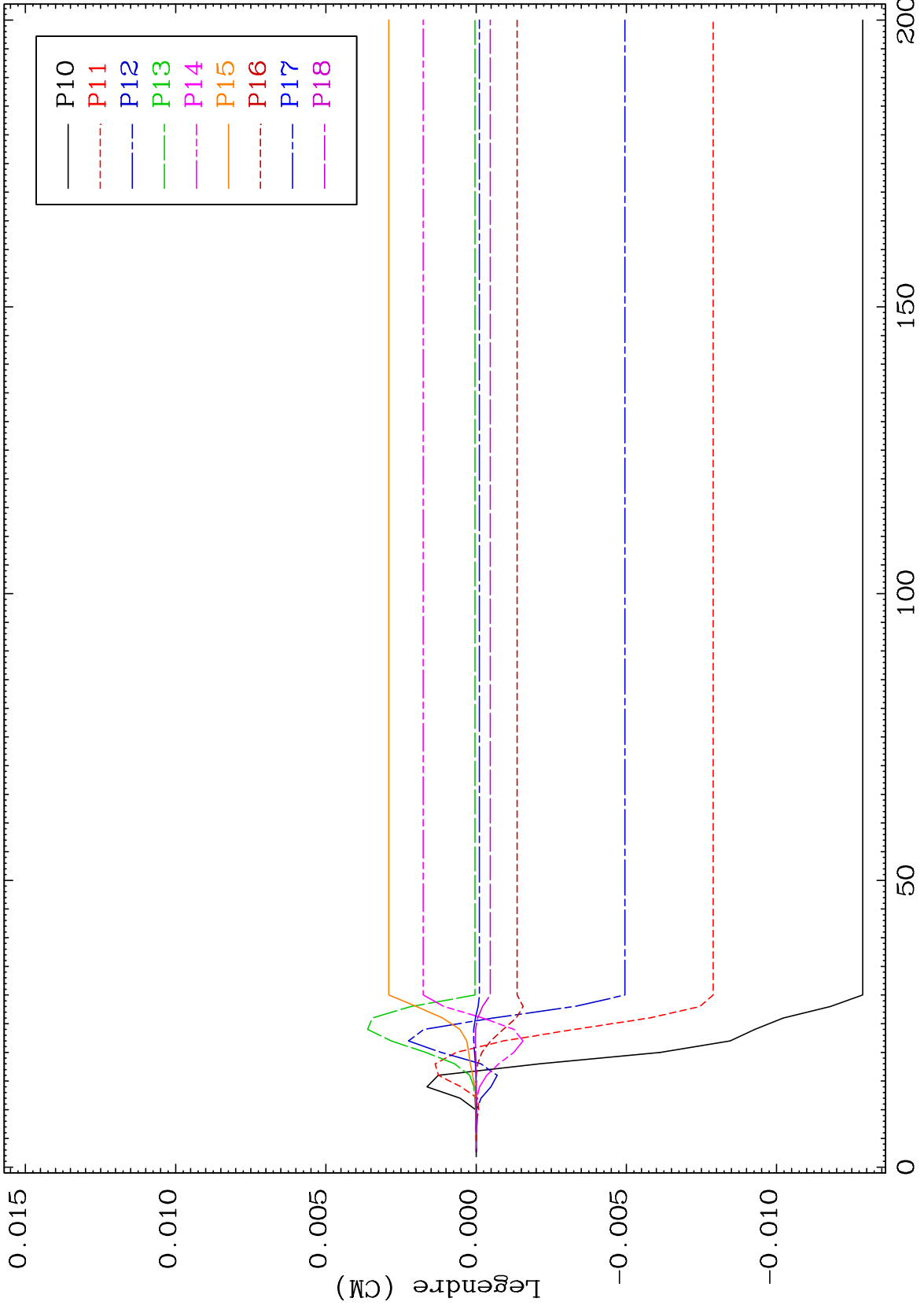
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



97

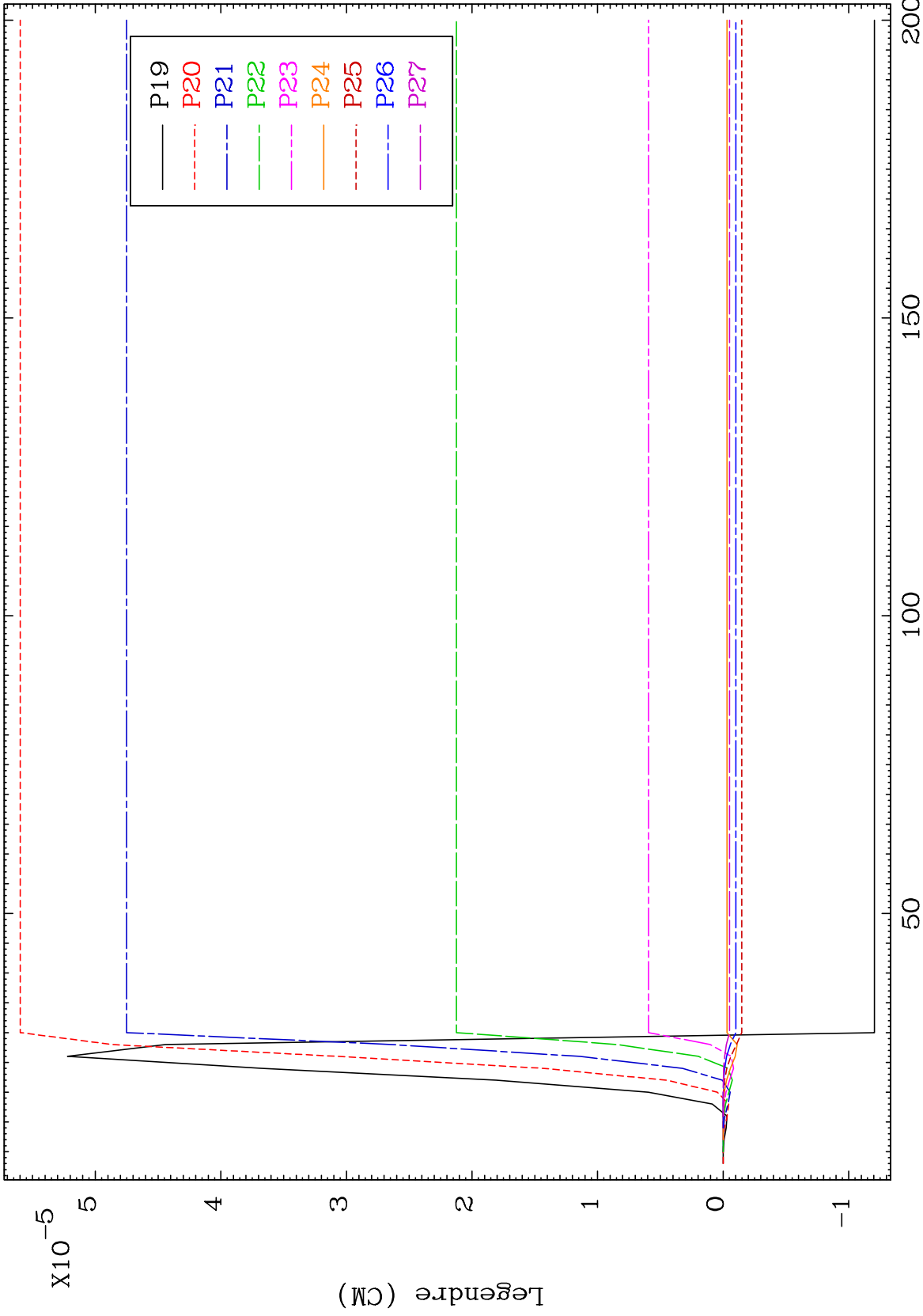
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



98

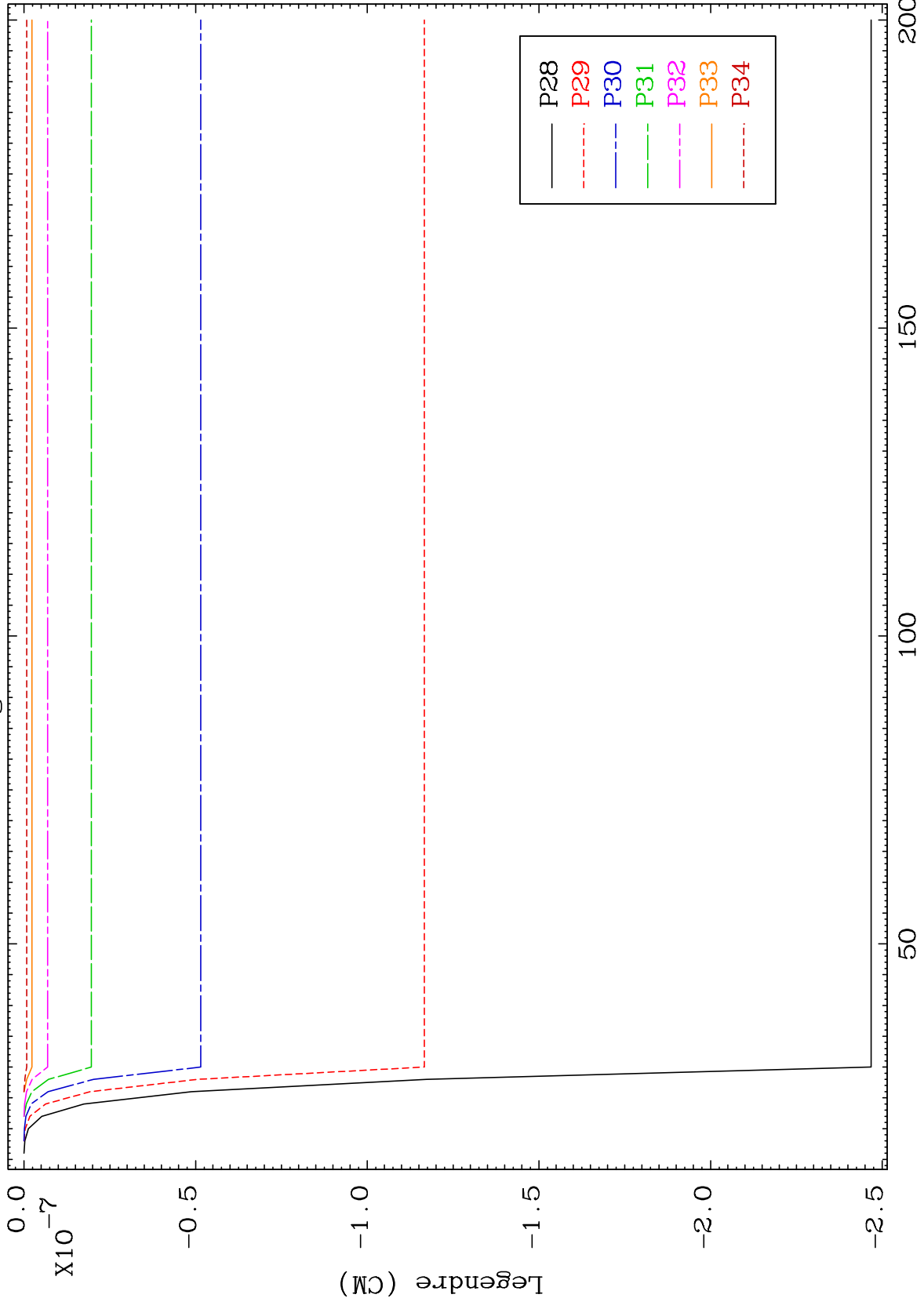
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

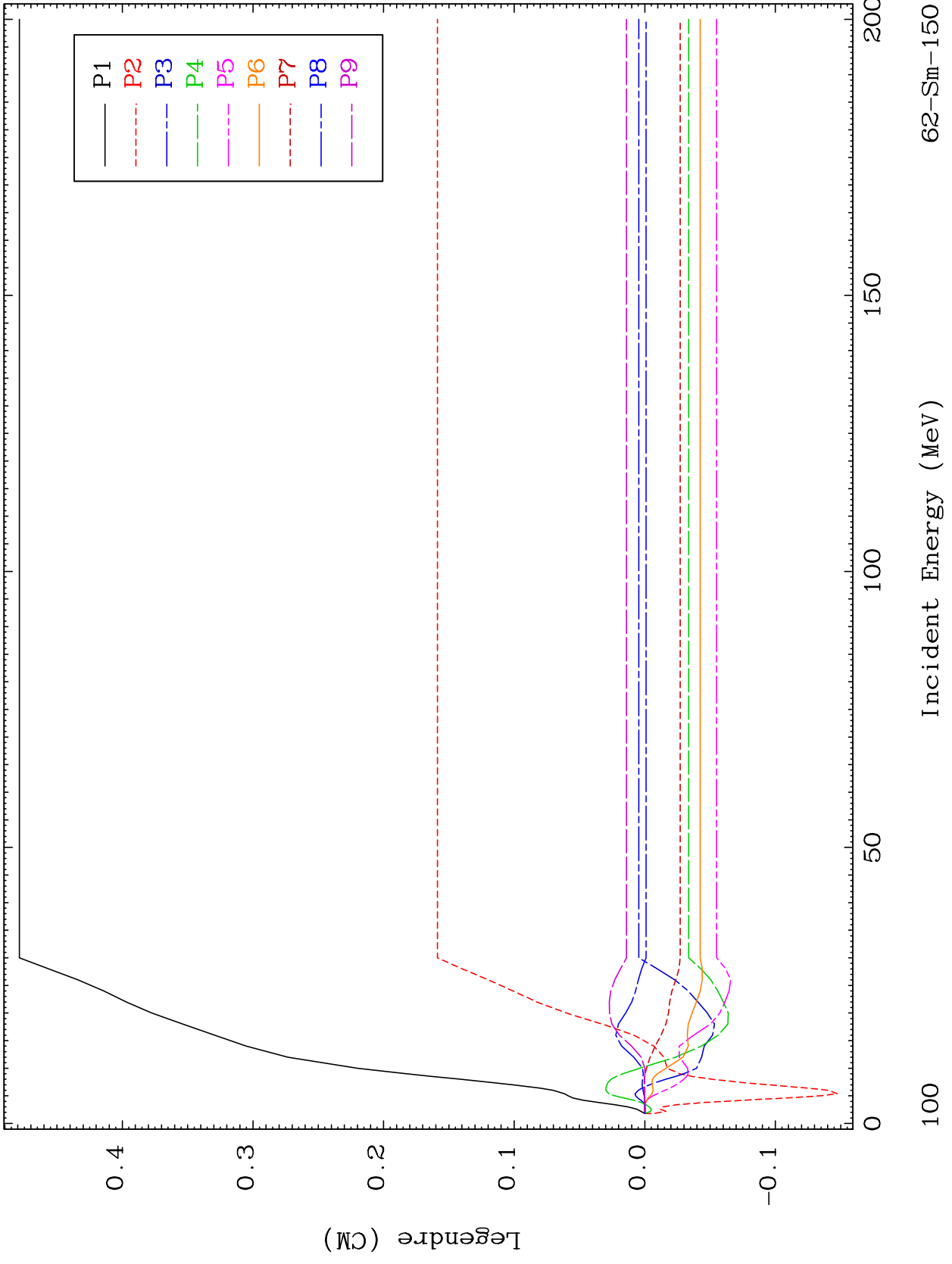


62-Sm-150

Incident Energy (MeV)

99

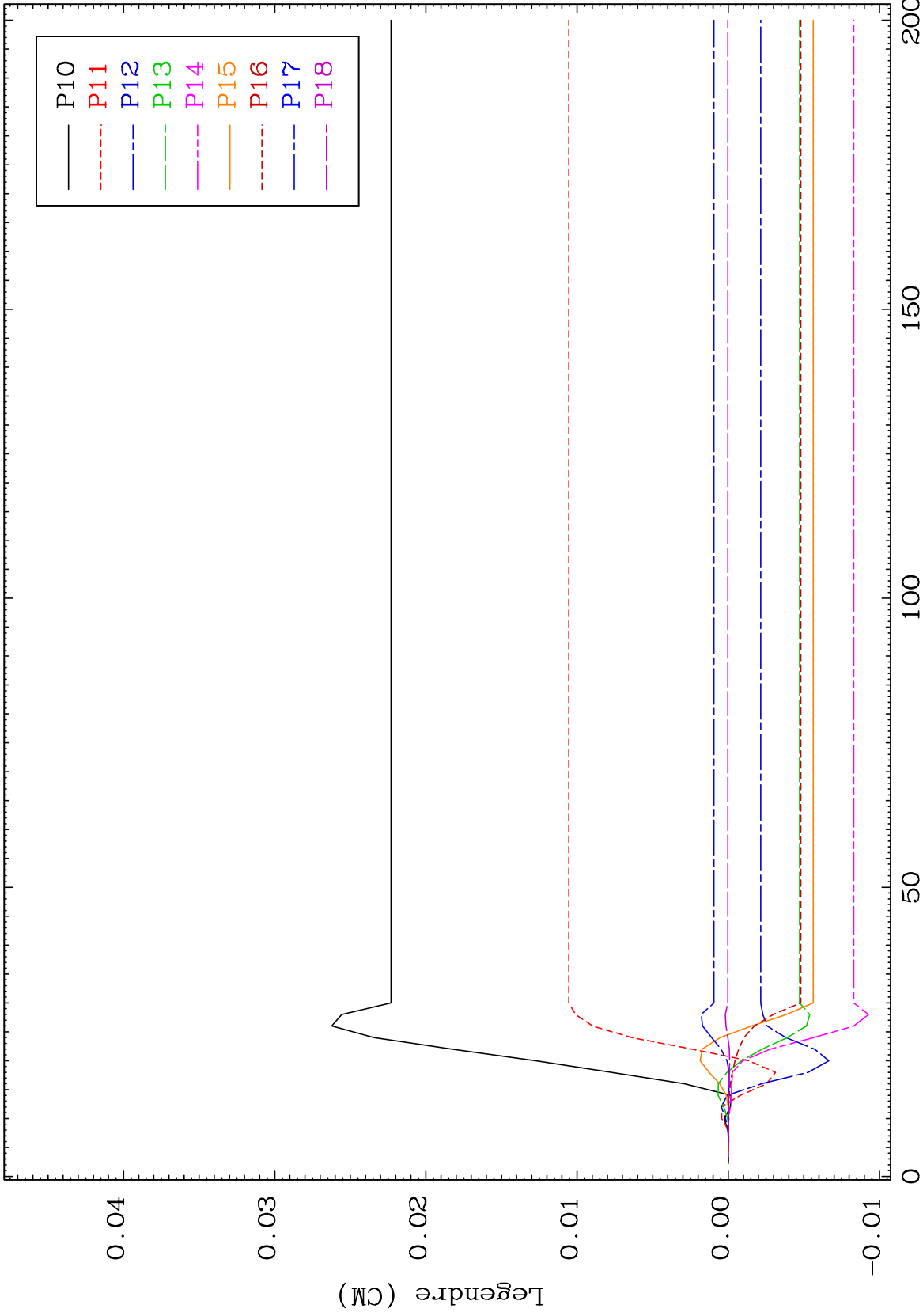
MAT 6243 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-150



MAT 6243

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

62-Sm-150



101

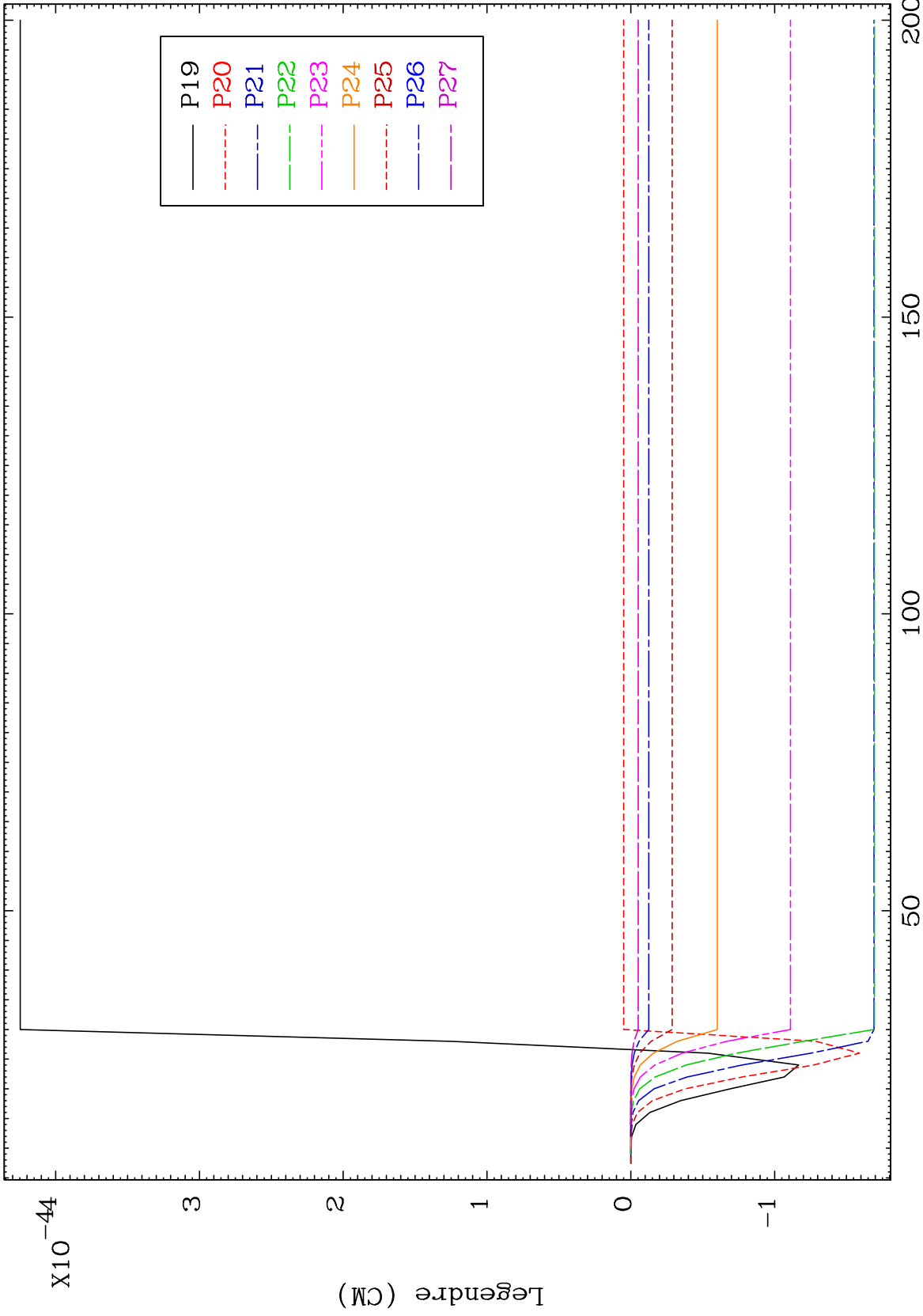
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

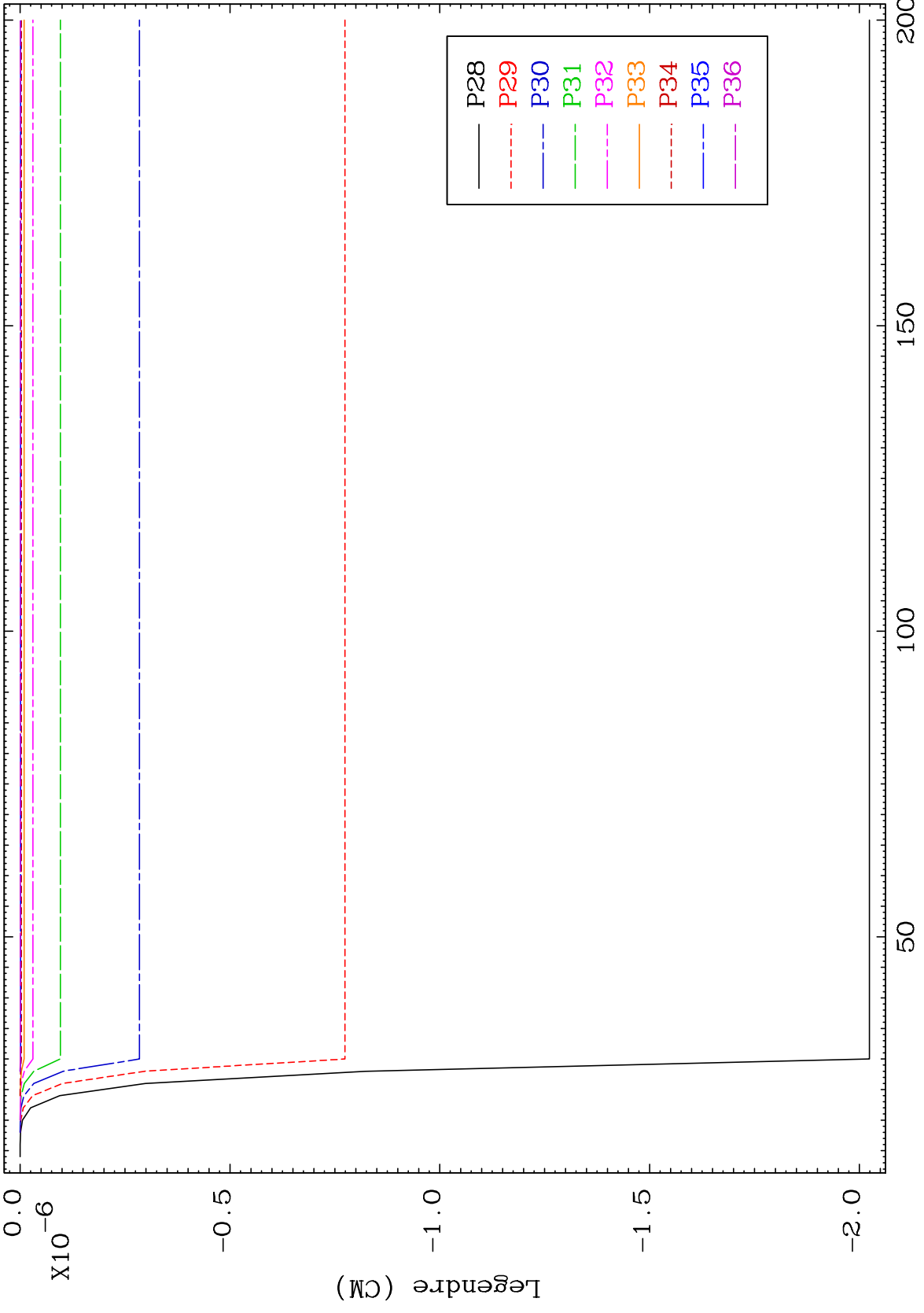
62-Sm-150



102

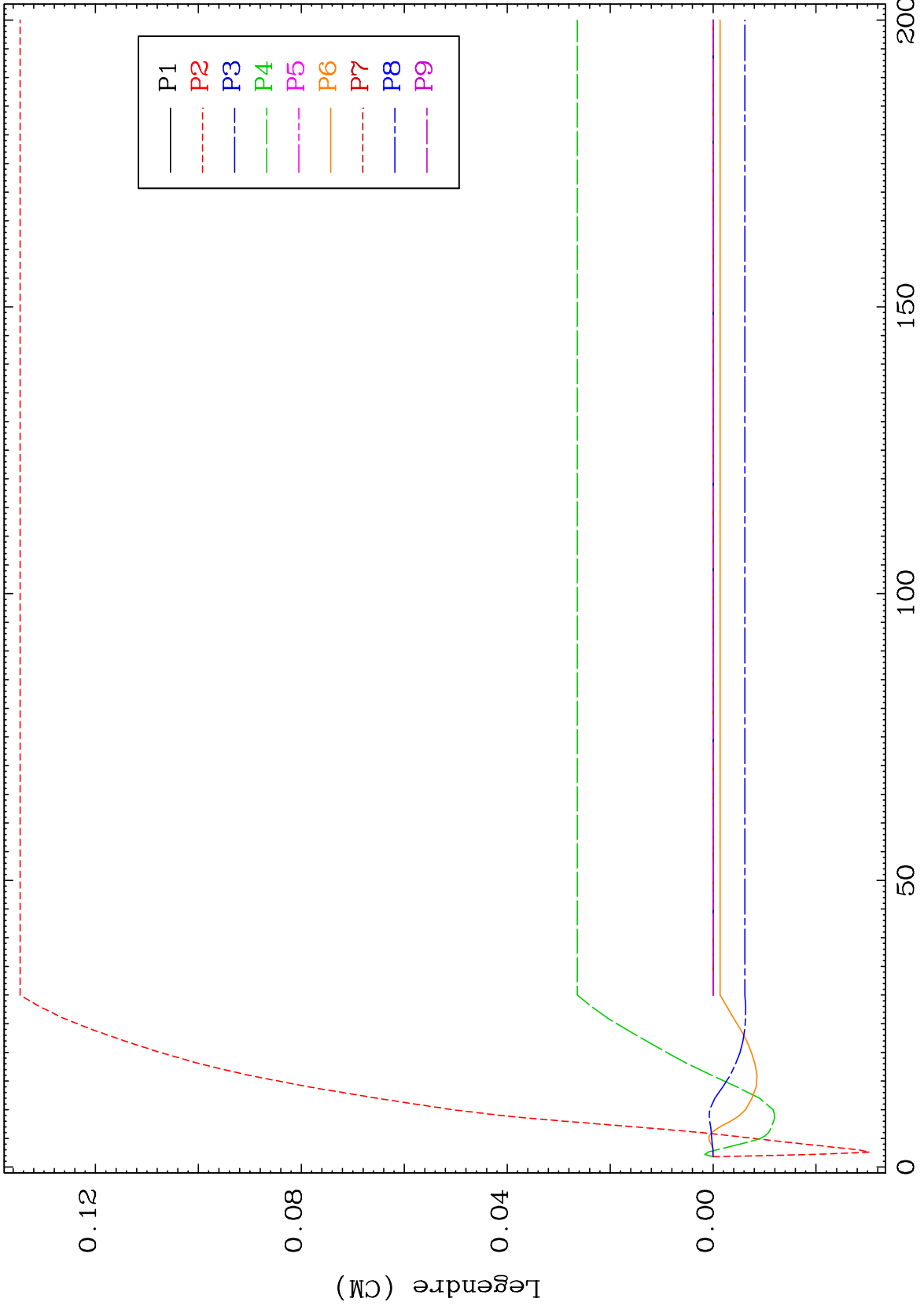
62-Sm-150

MAT 6243 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-150



103 62-Sm-150

MAT 6243 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-150

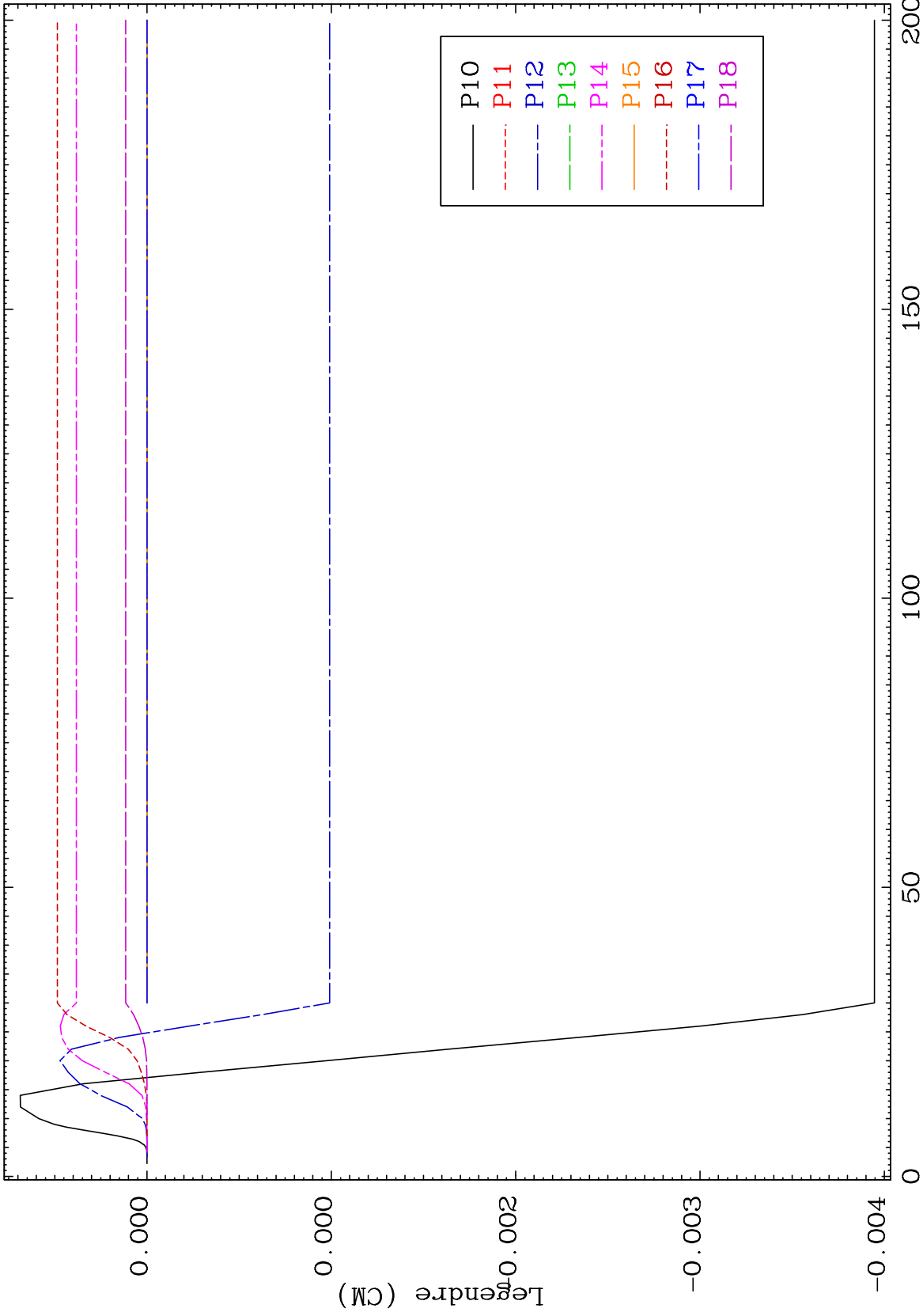


104 62-Sm-150

MAT 6243

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

62-Sm-150

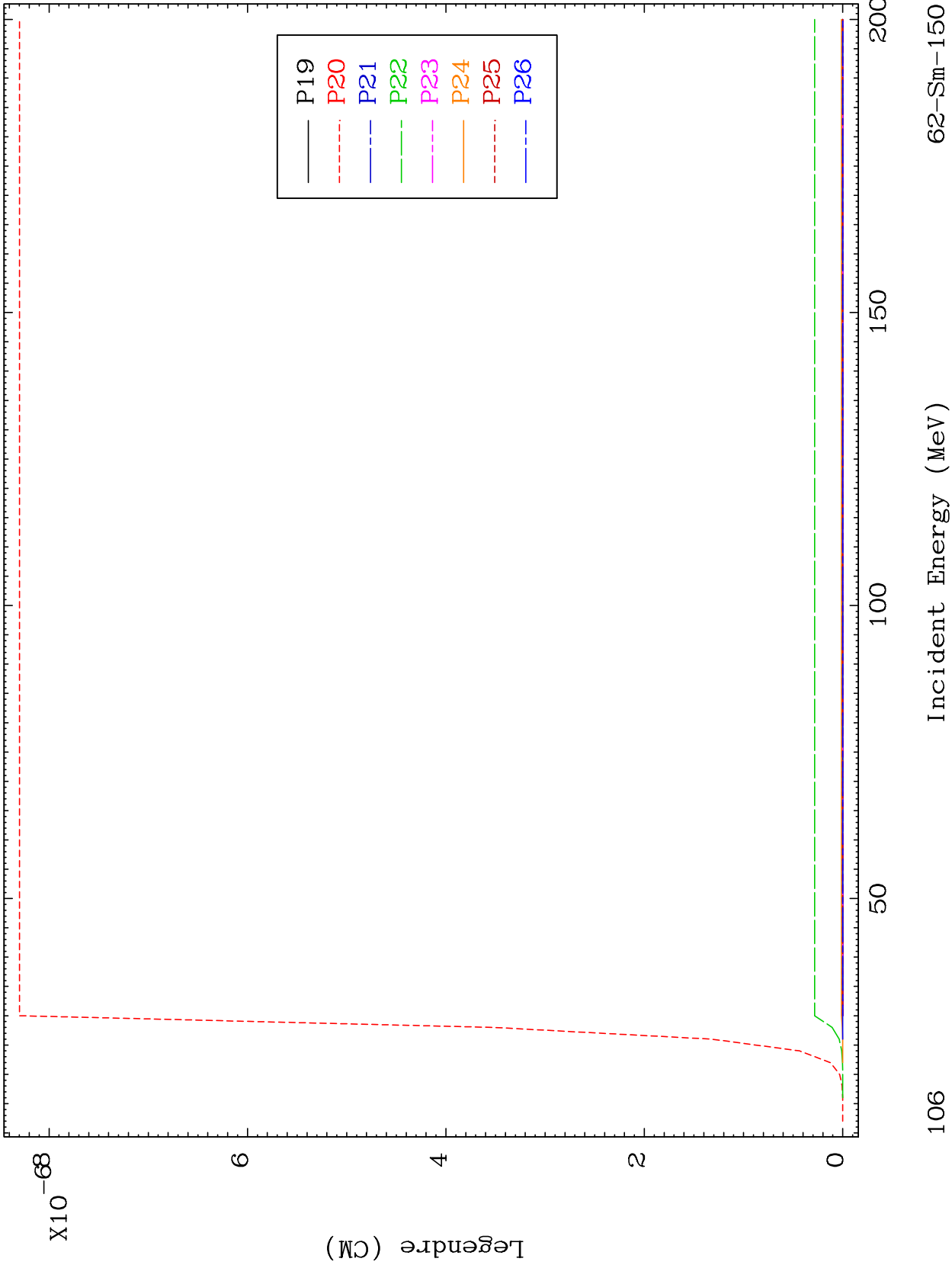


105

Incident Energy (MeV)

62-Sm-150

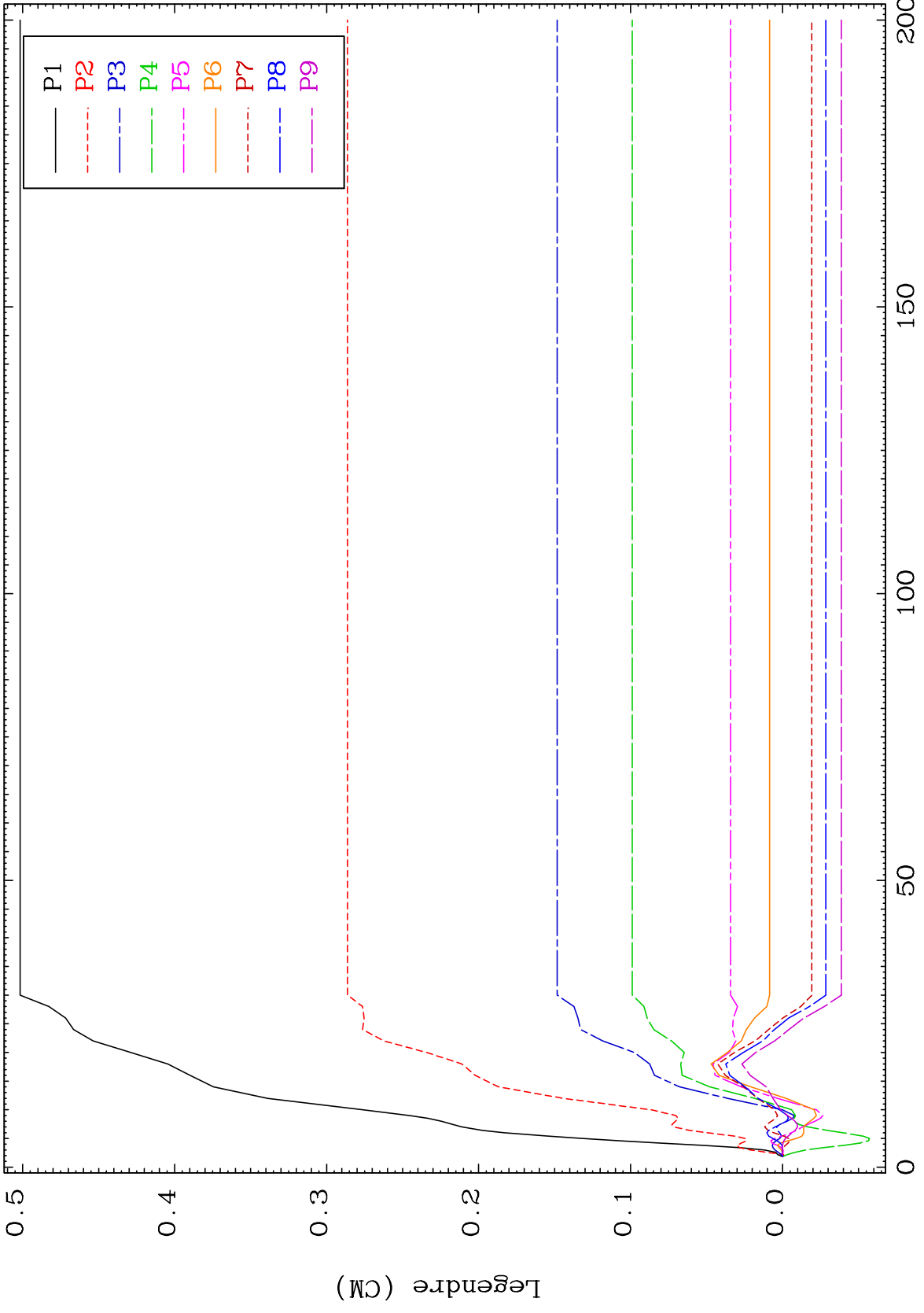
MAT 6243 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-150



MAT 6243

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

62-Sm-150



107

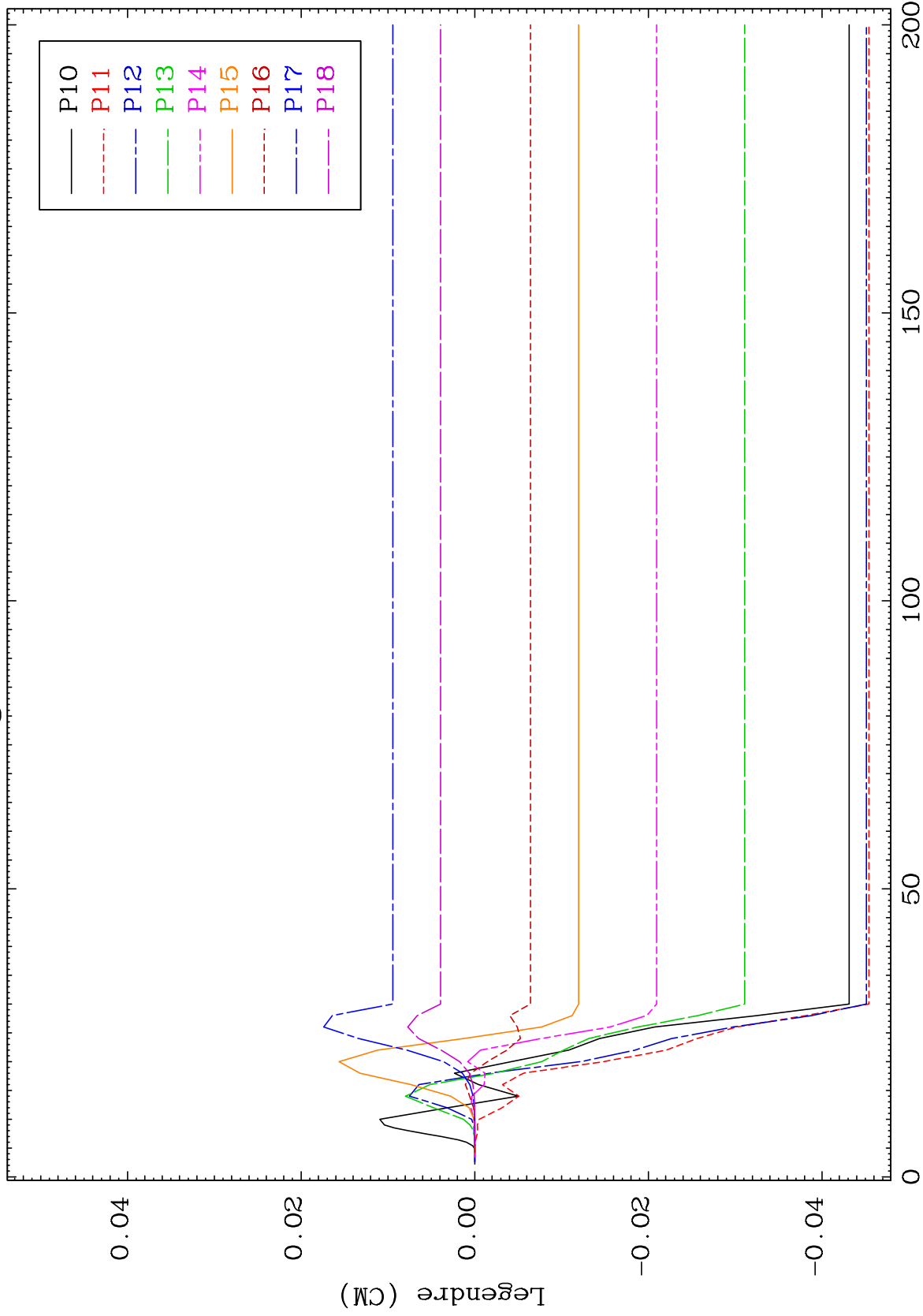
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



108

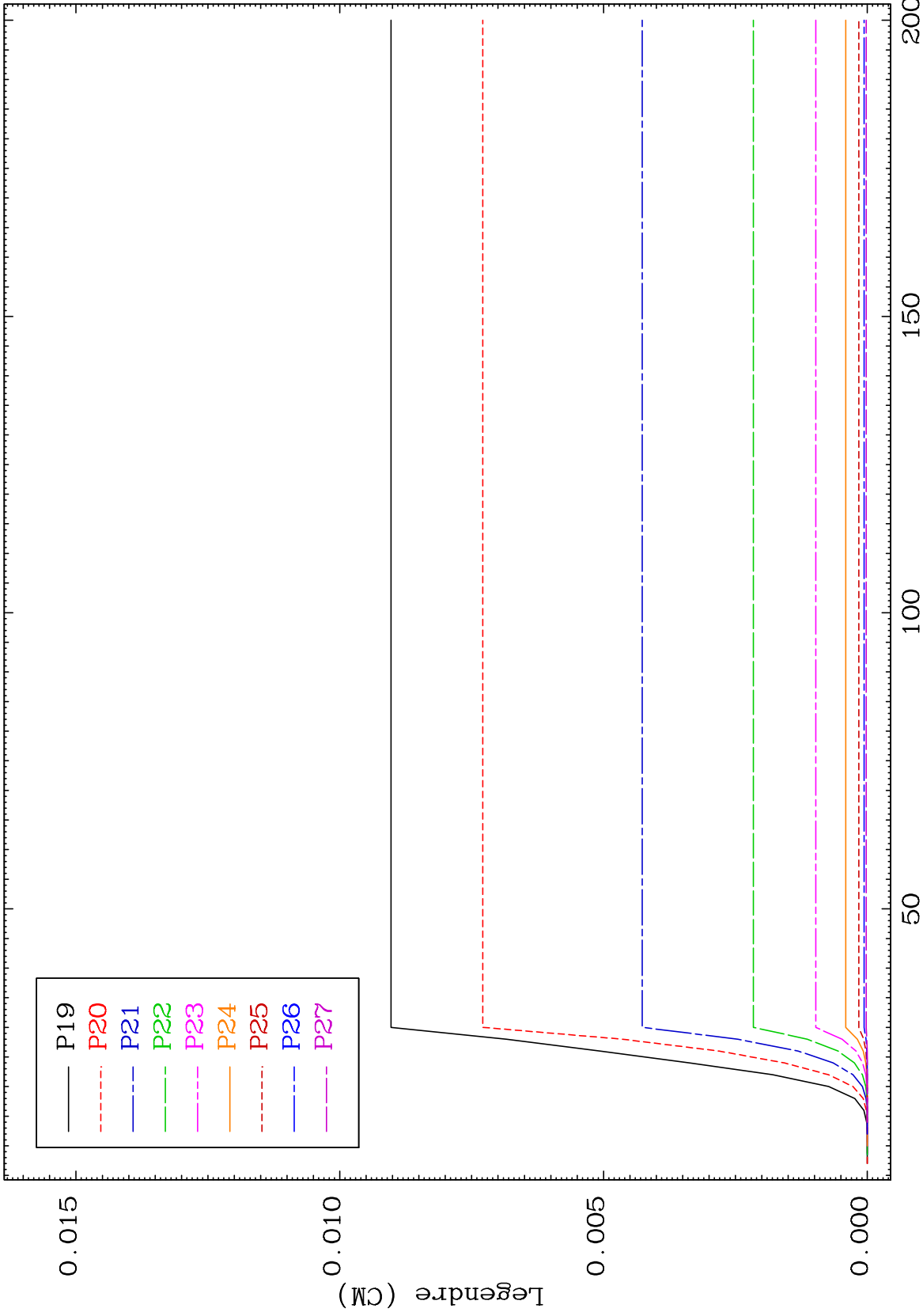
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



109

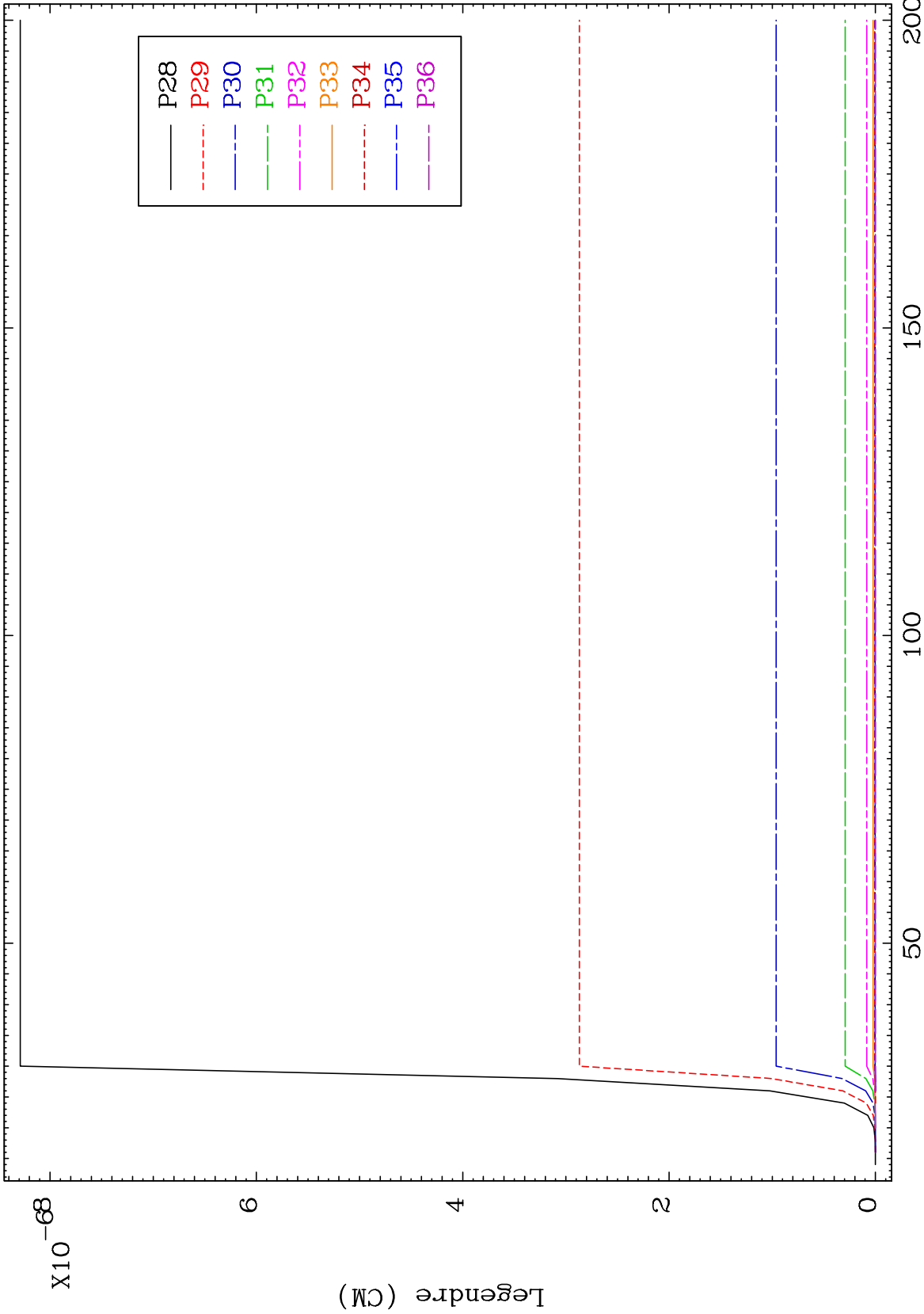
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



110

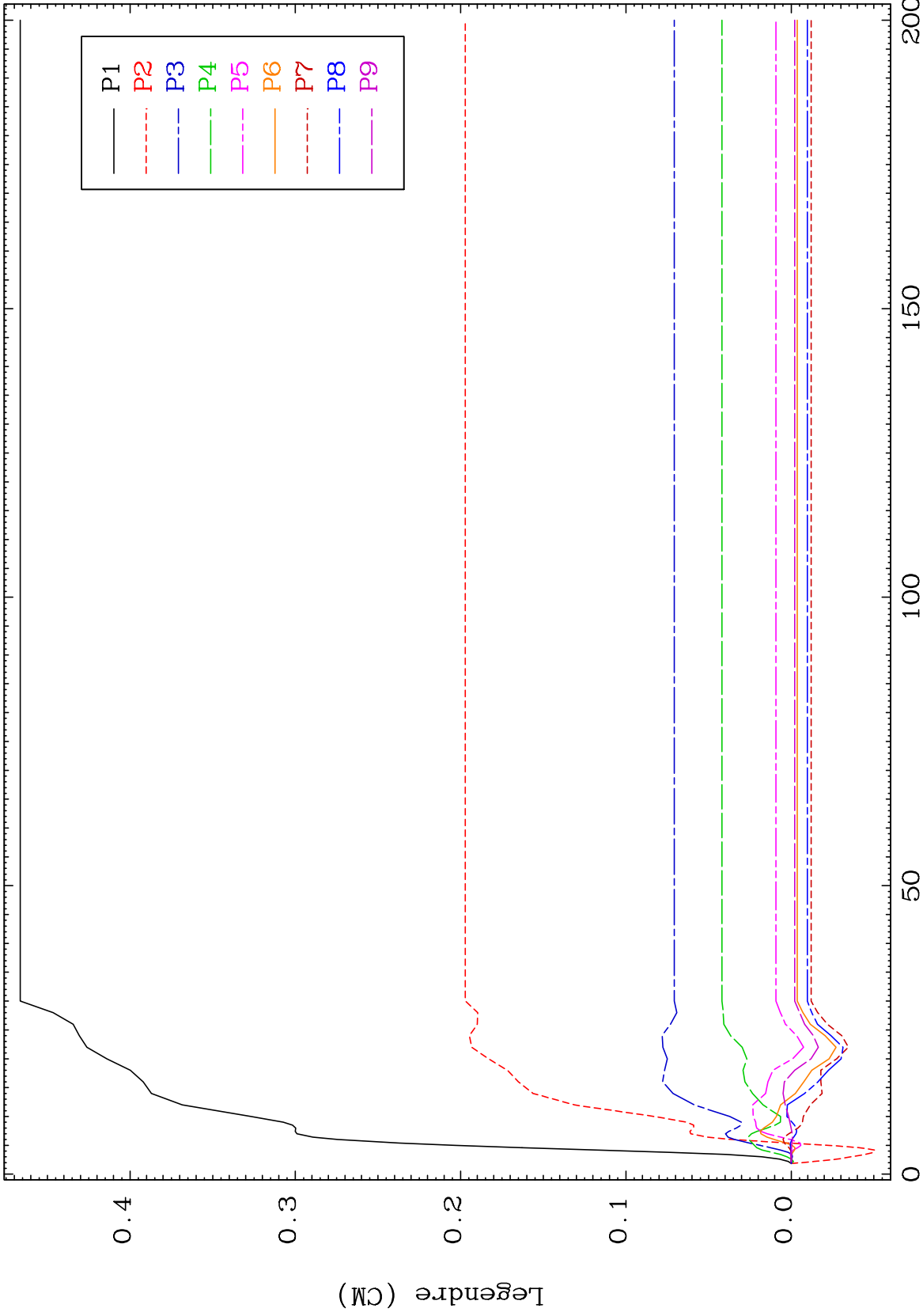
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

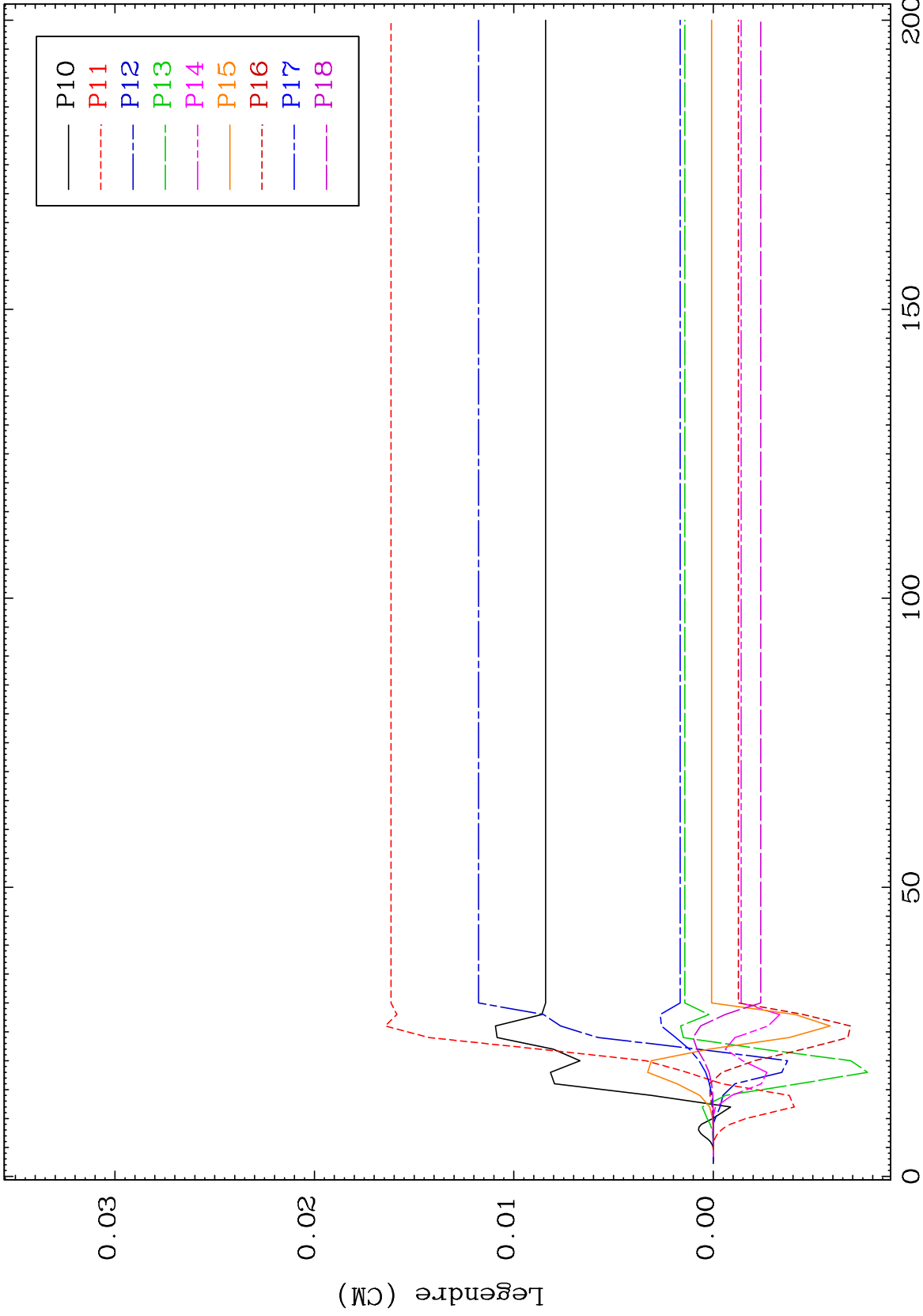
Incident Energy (MeV)

111

MAT 6243

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

62-Sm-150



112

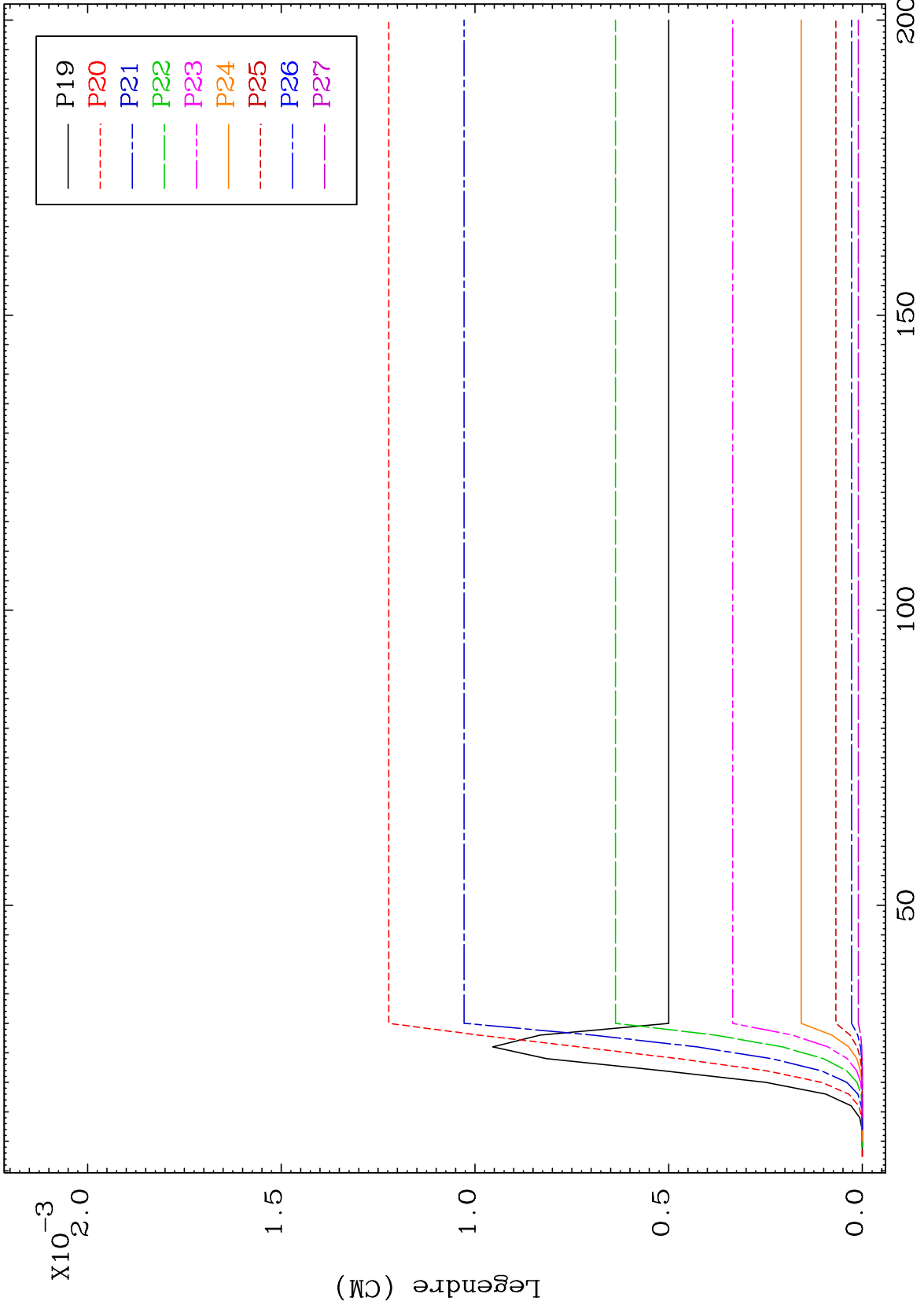
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



113

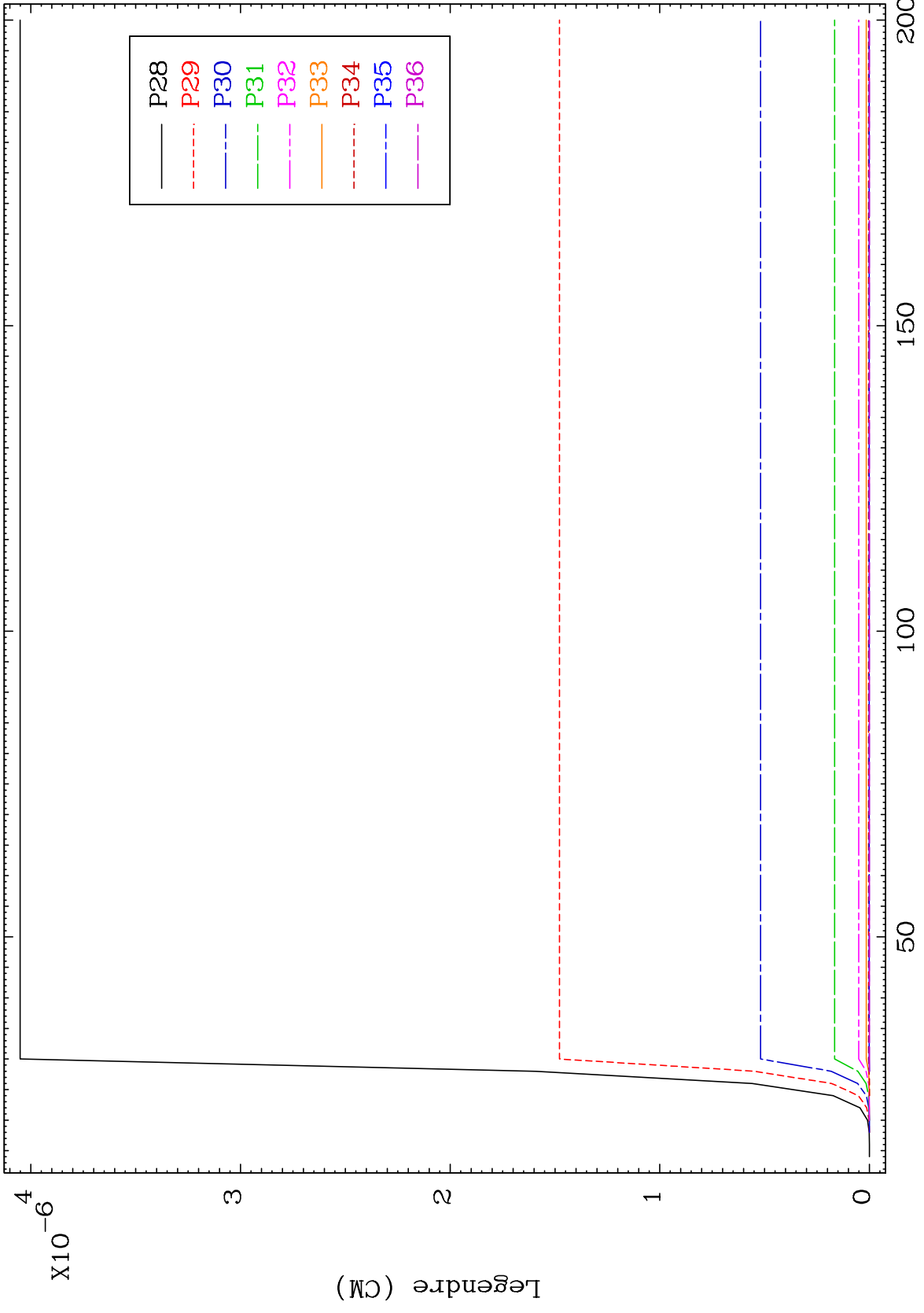
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



114

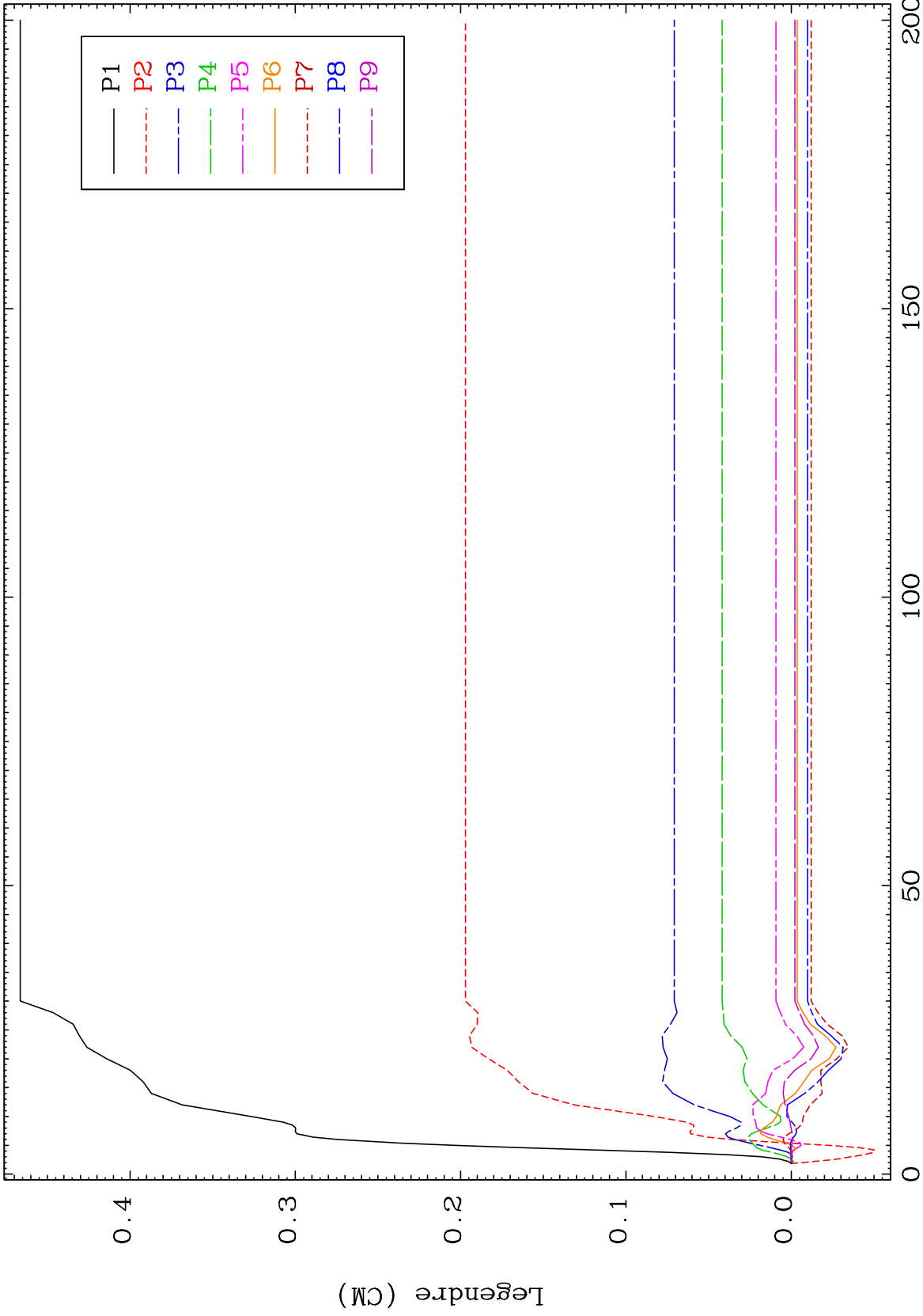
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



115

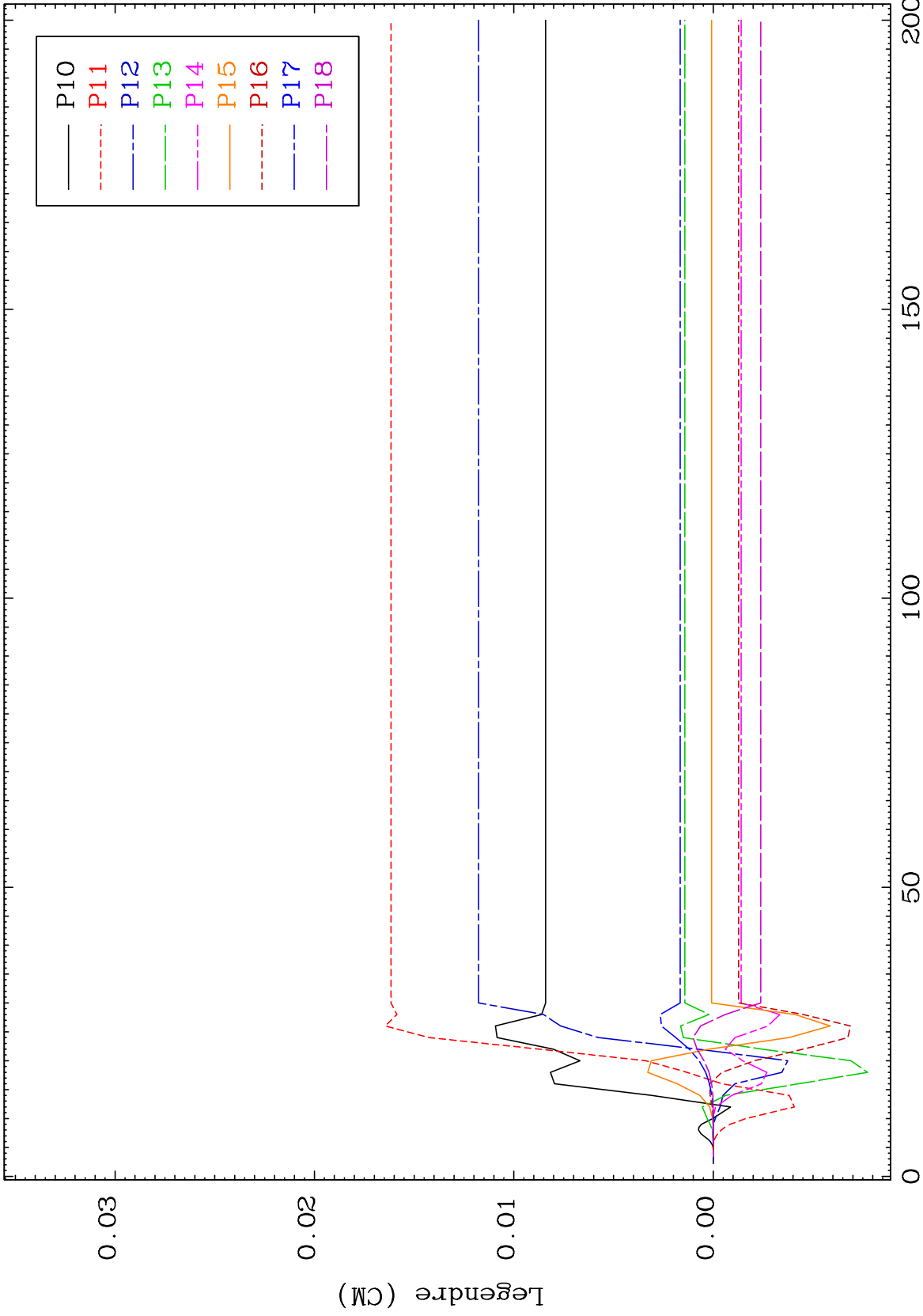
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



116

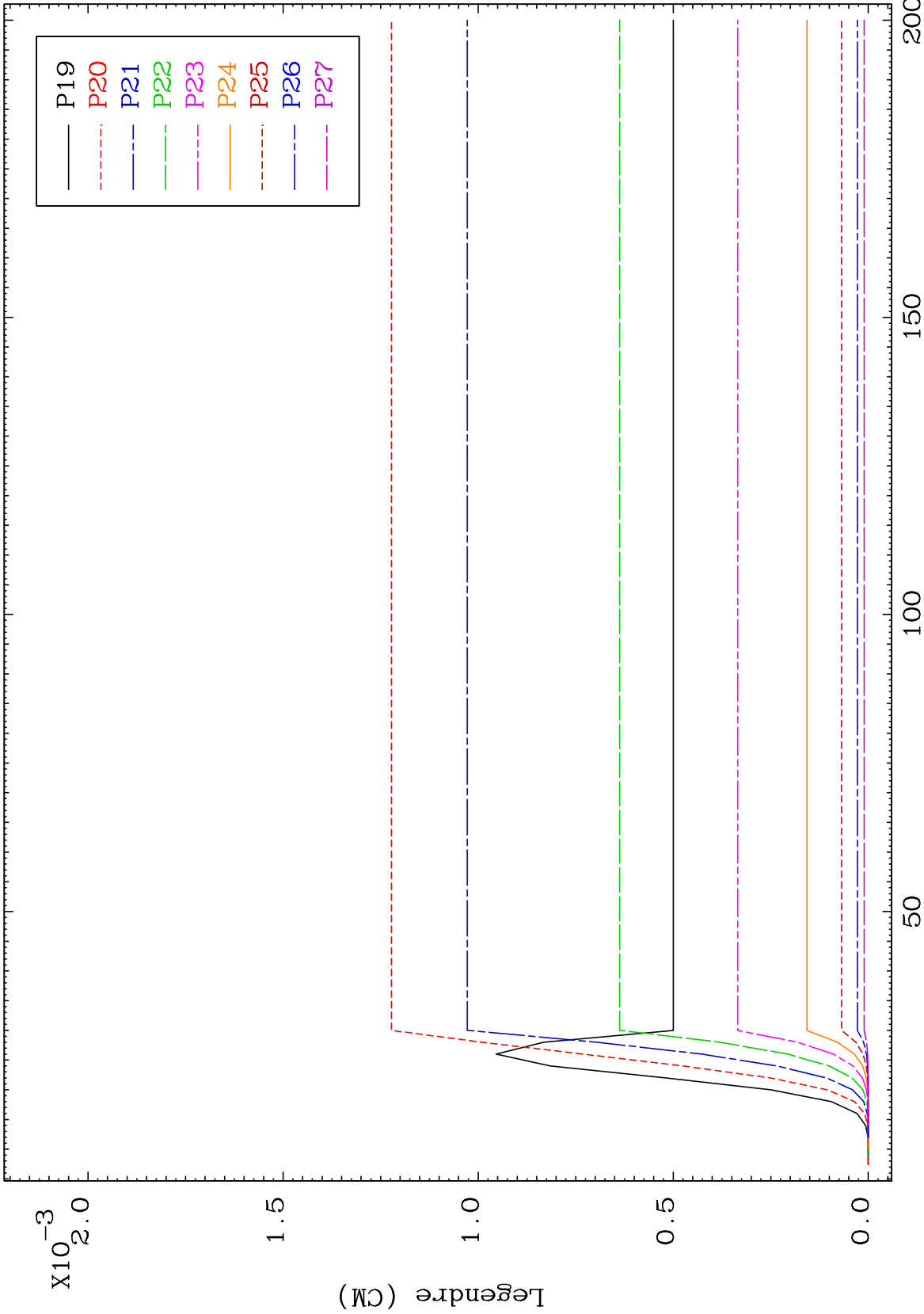
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



117

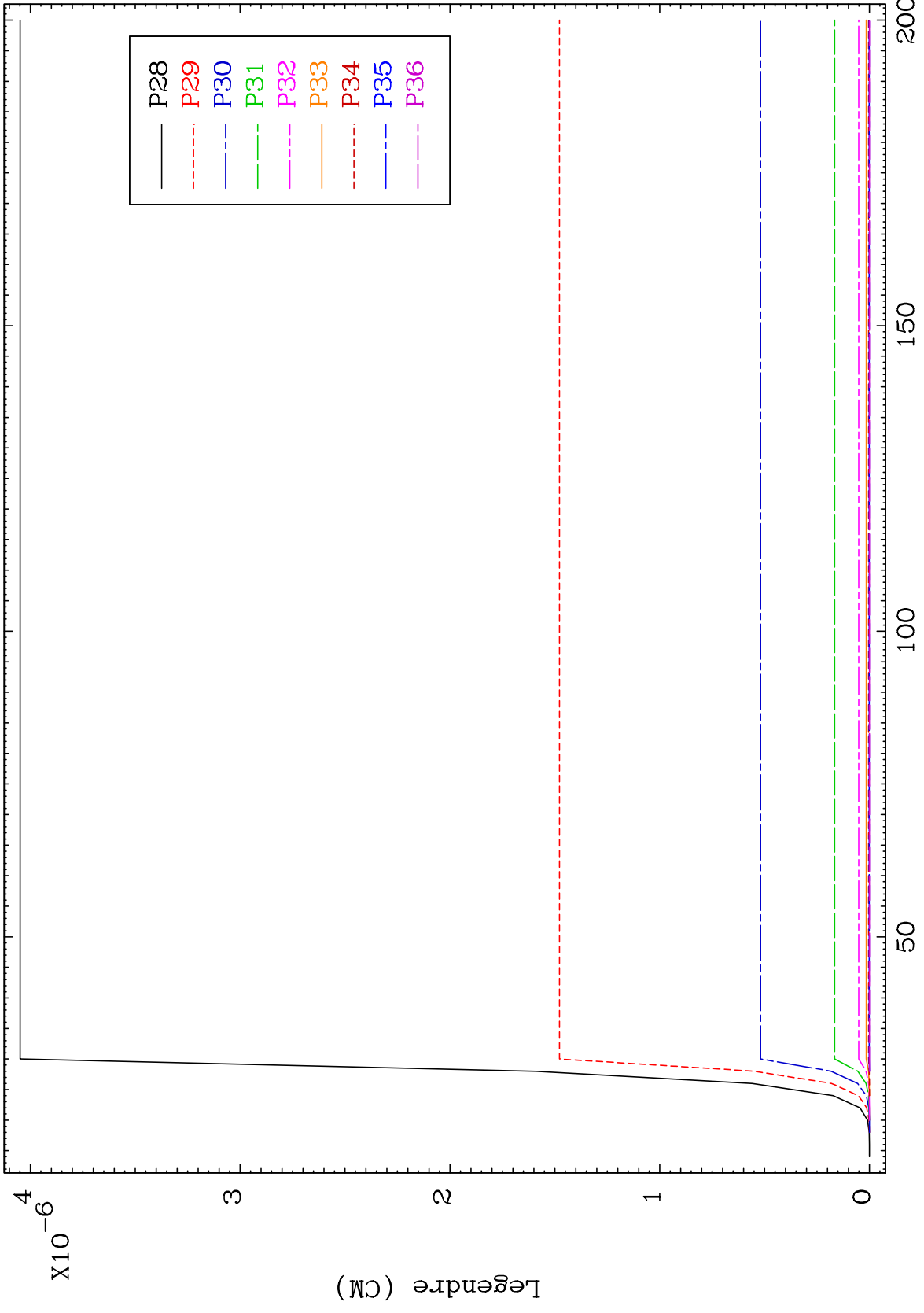
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



118

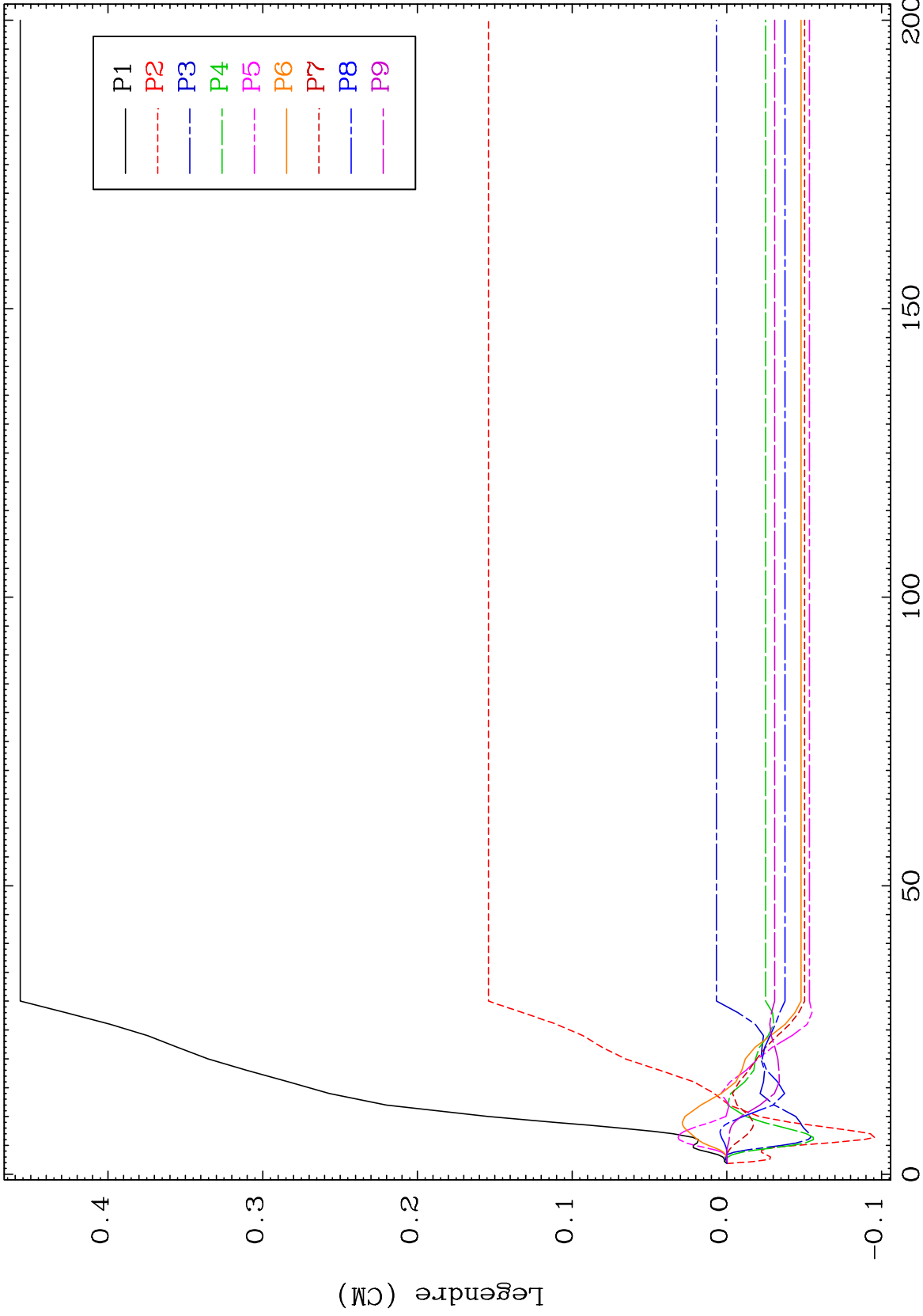
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



119

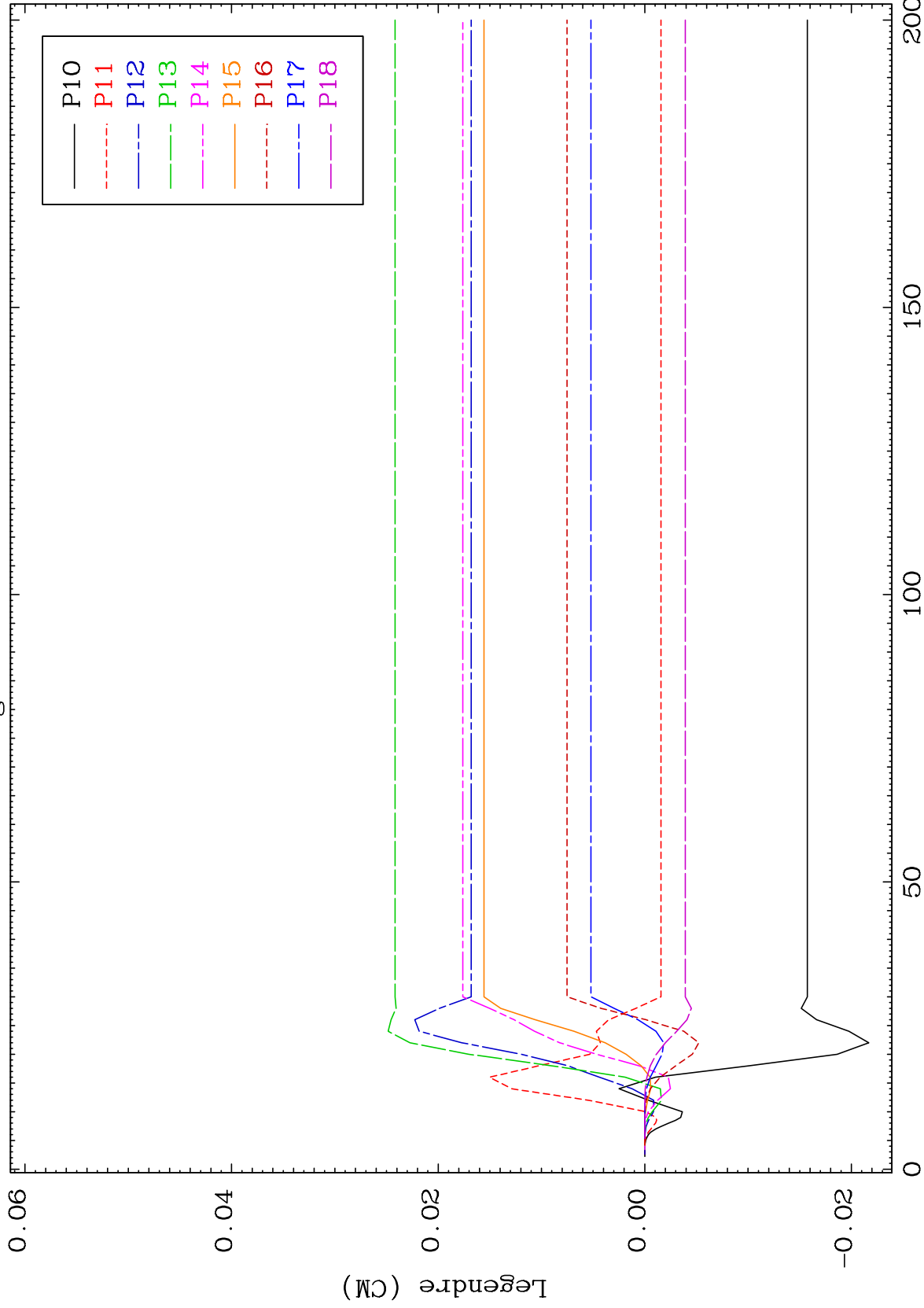
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

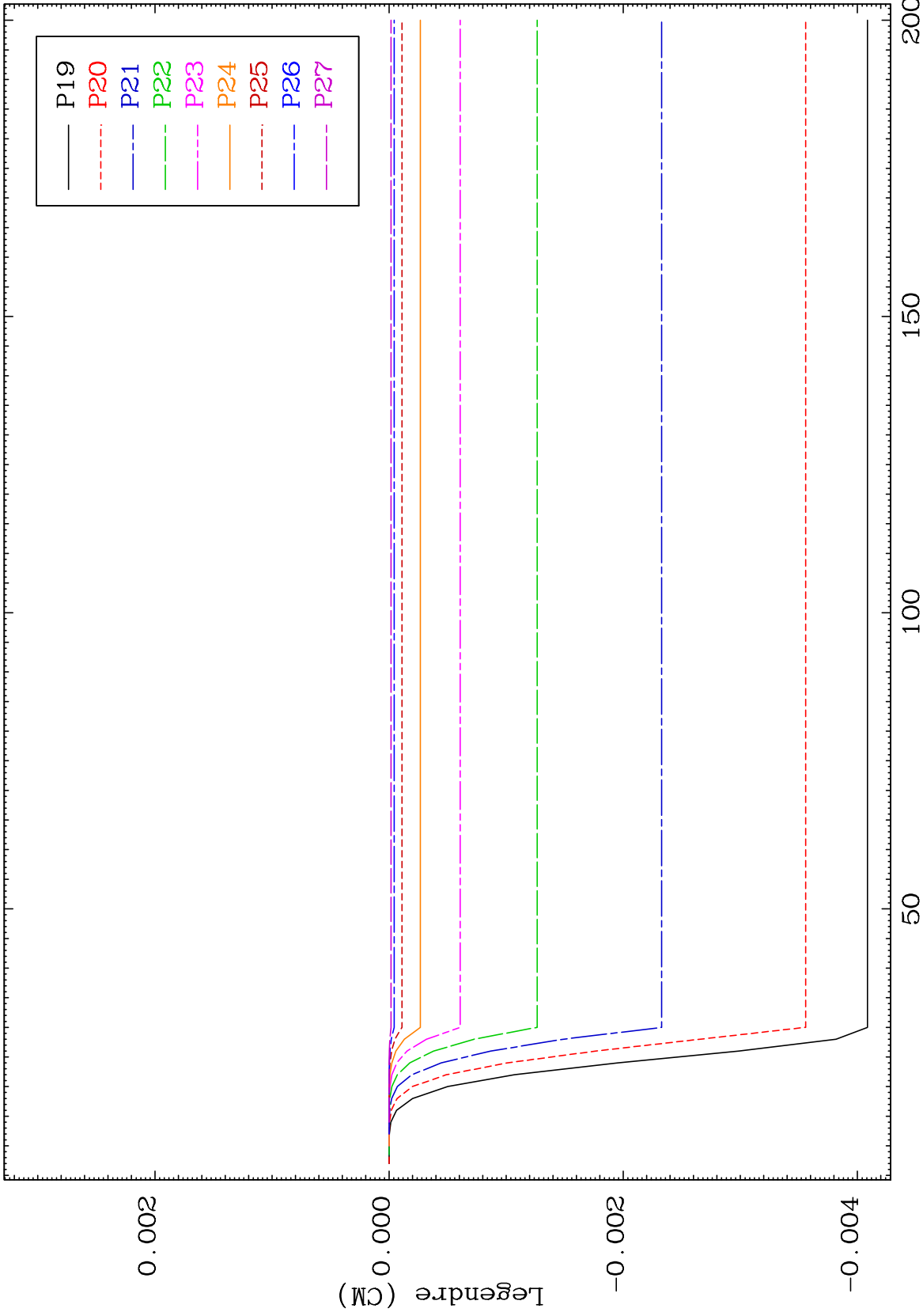
Incident Energy (MeV)

120

MAT 6243

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

62-Sm-150

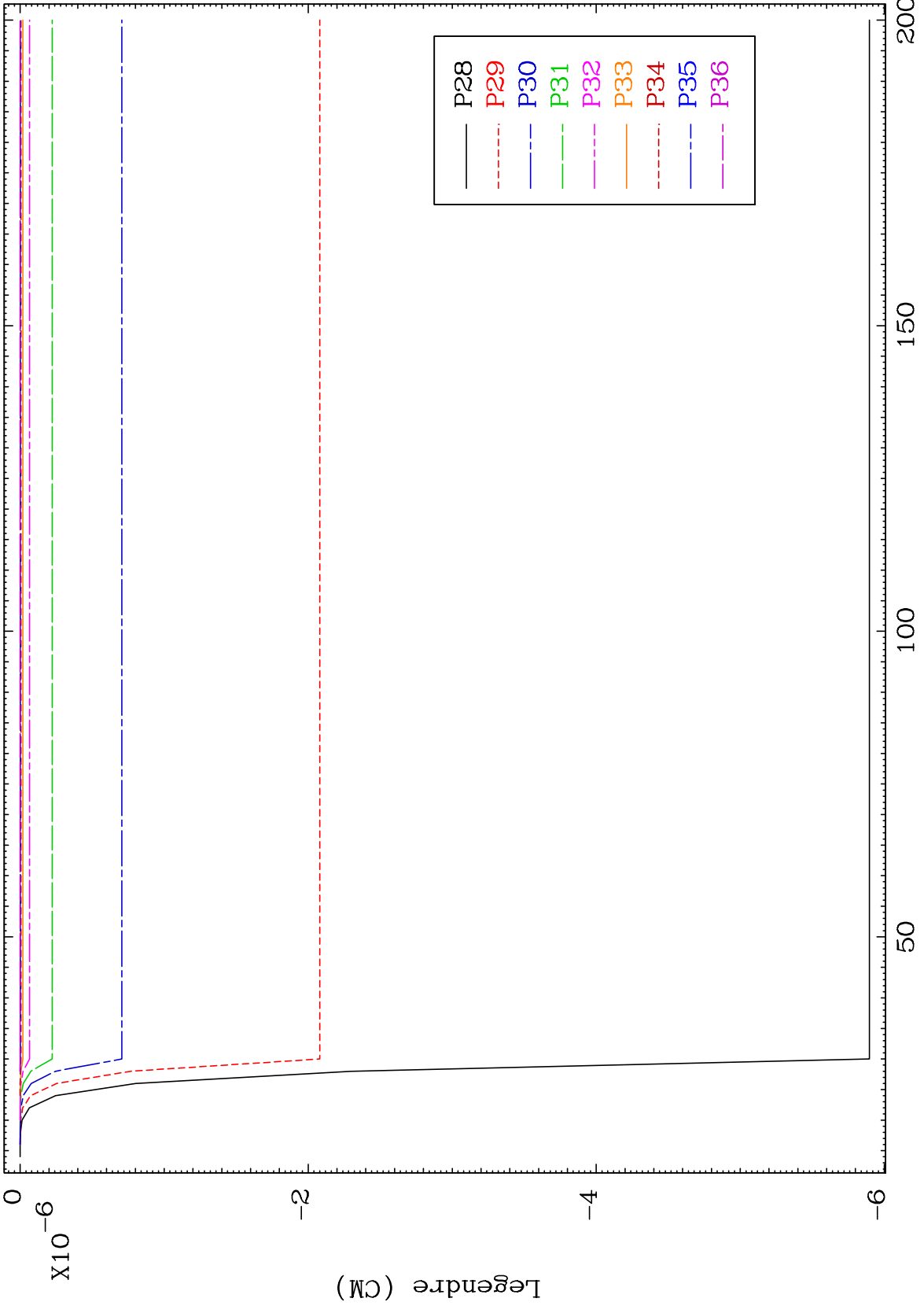


121

Incident Energy (MeV)

62-Sm-150

MAT 6243 MT= 77 (n,n') Level Legendre Coefficients 62-Sm-150

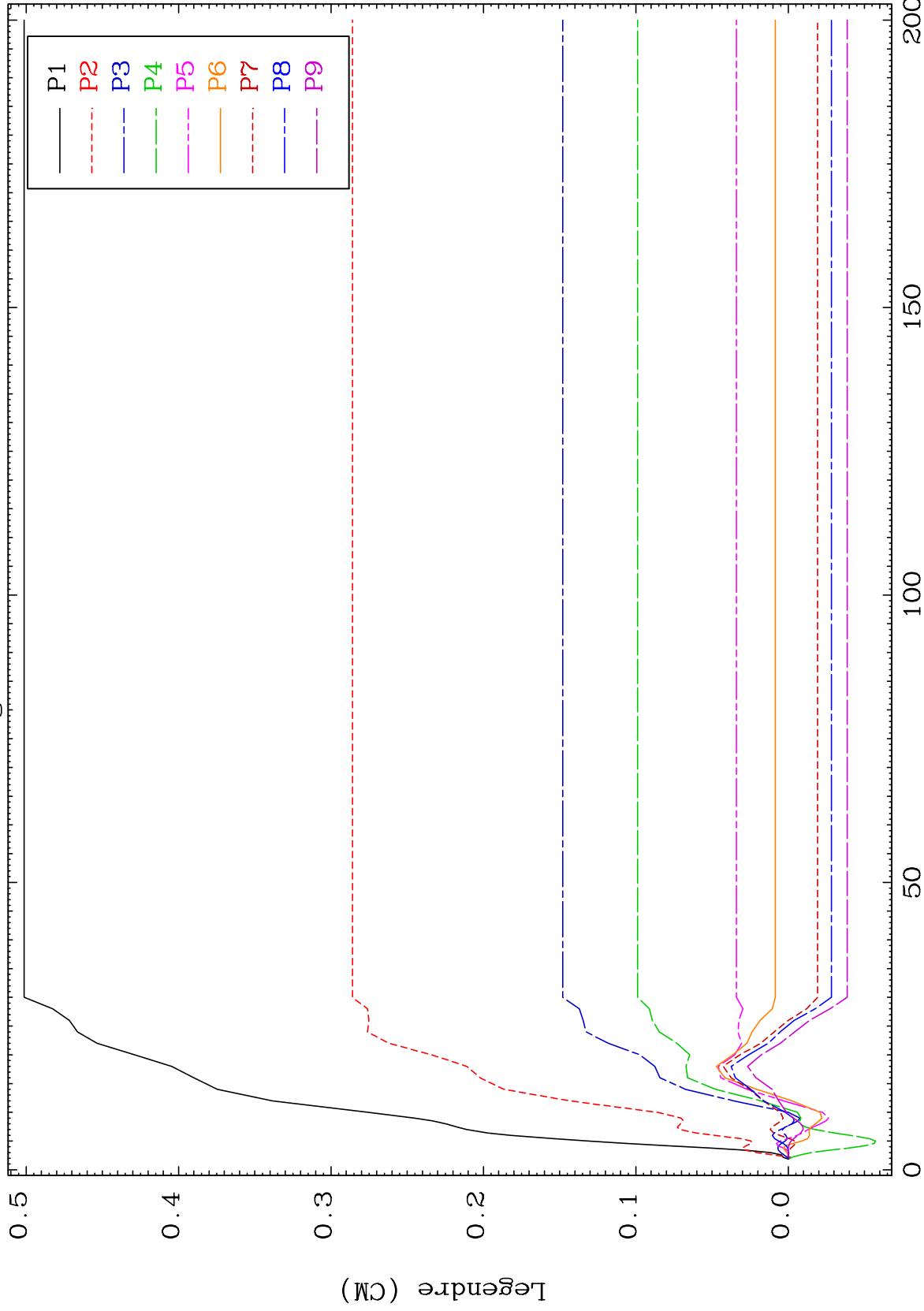


122 Incident Energy (MeV) 62-Sm-150

MAT 6243

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

62-Sm-150



123

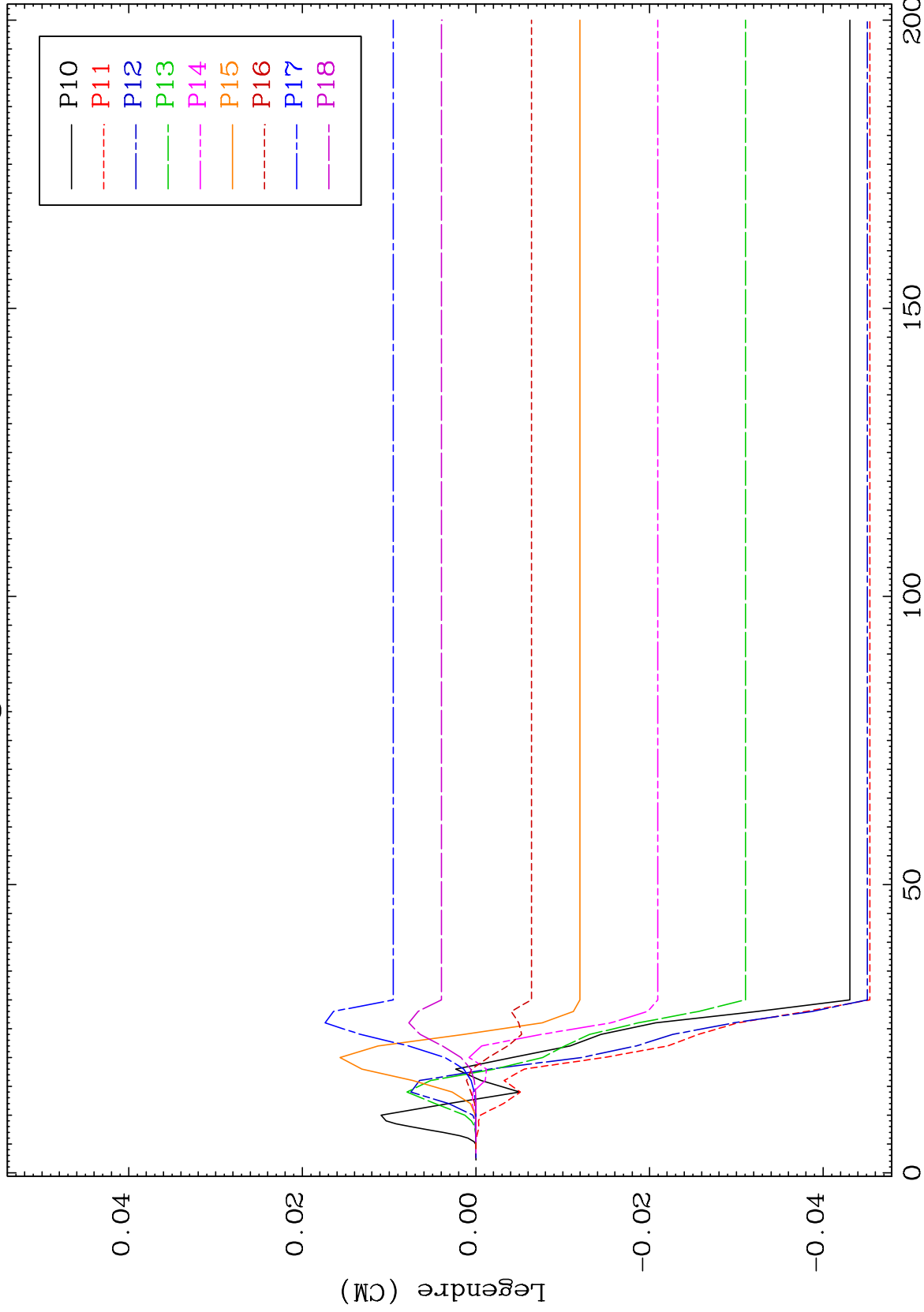
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



124

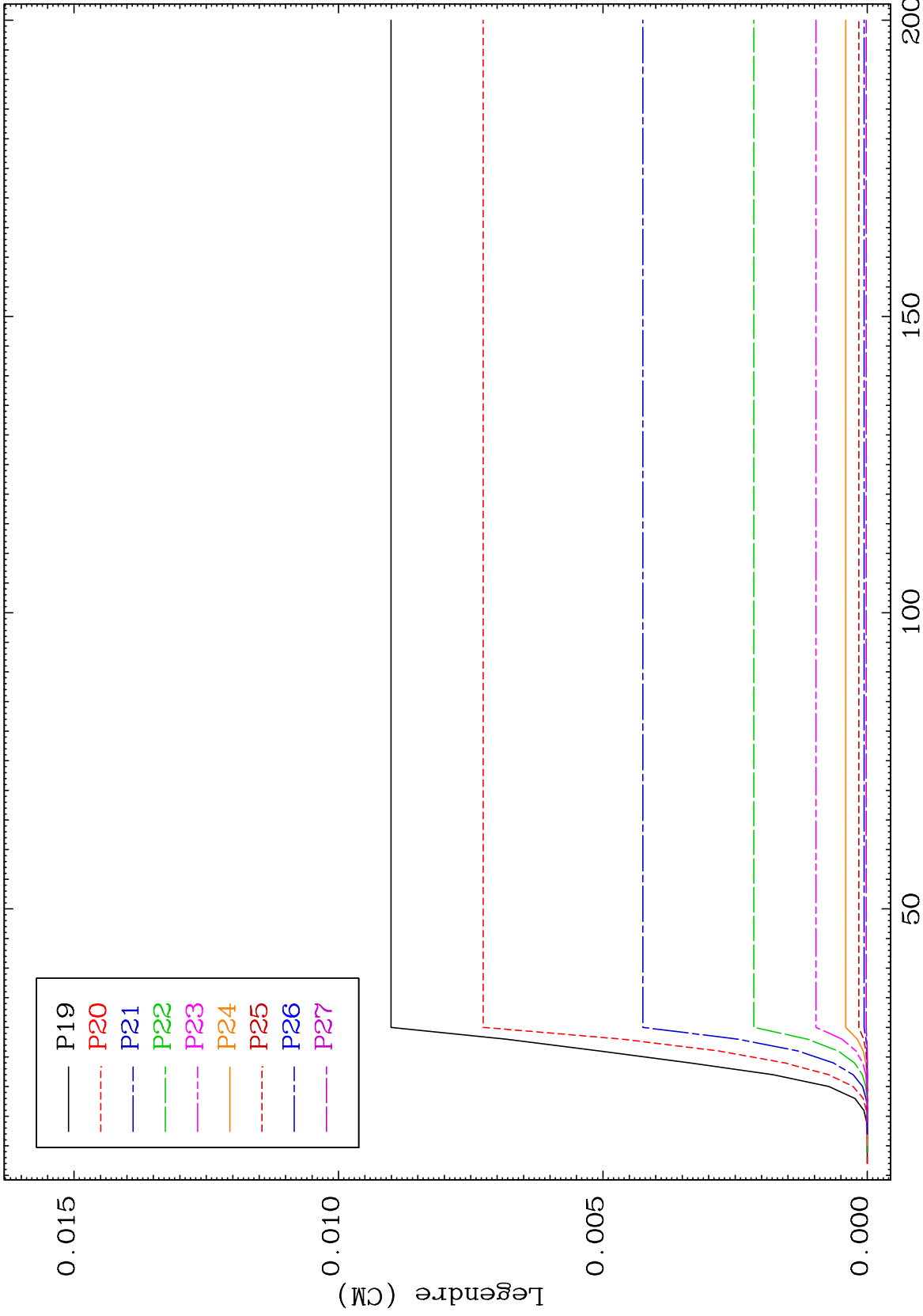
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



125

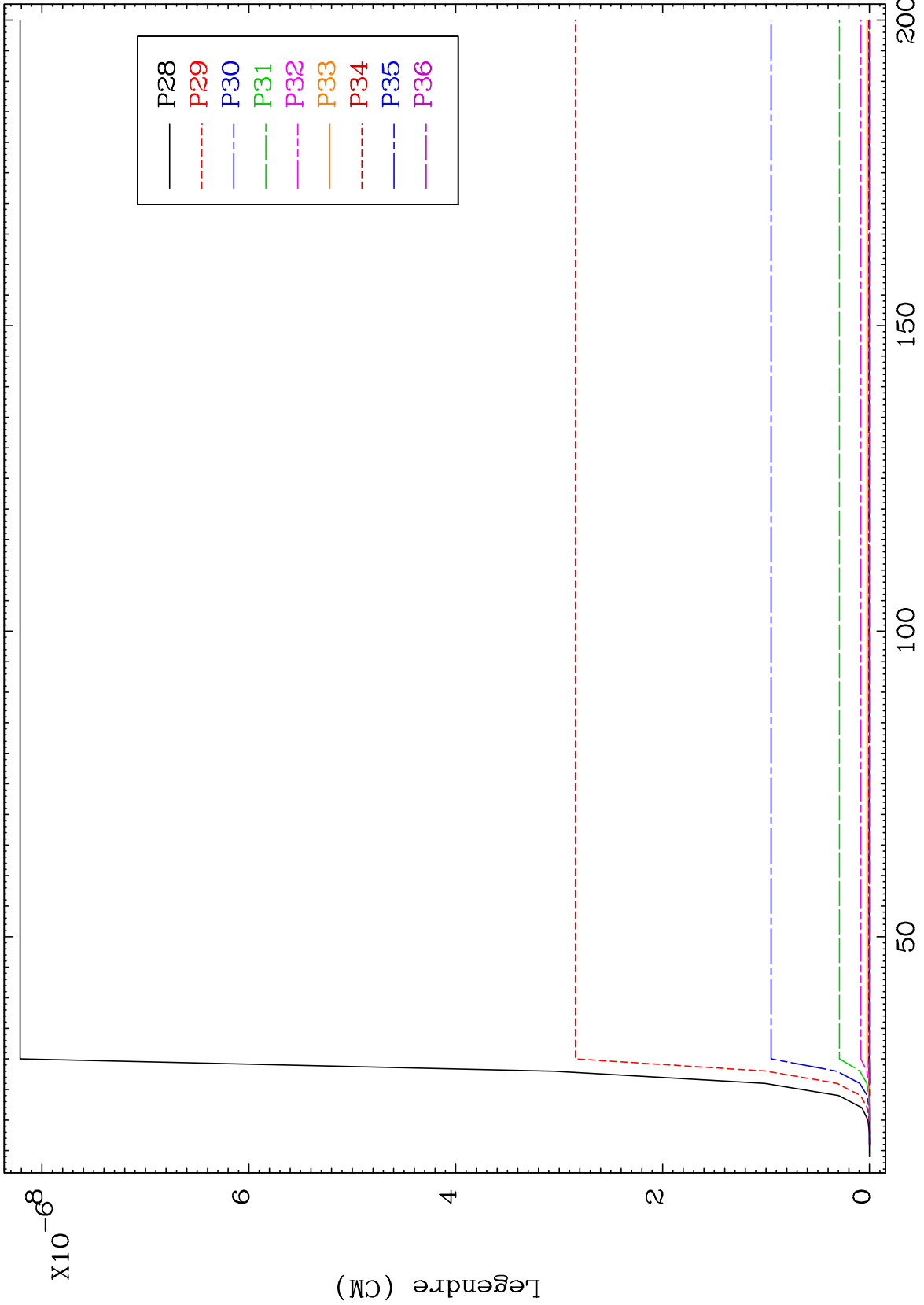
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



126

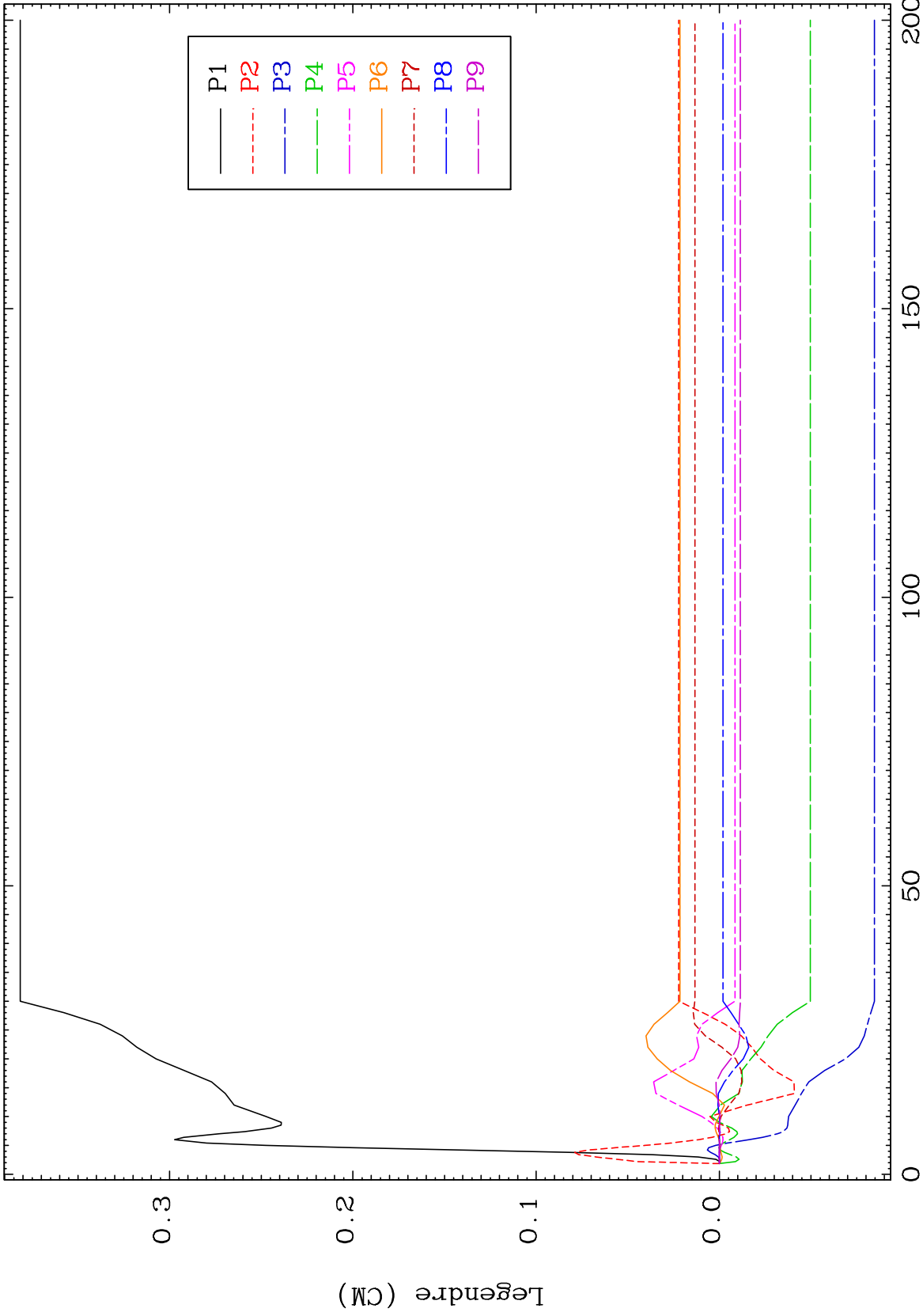
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



127

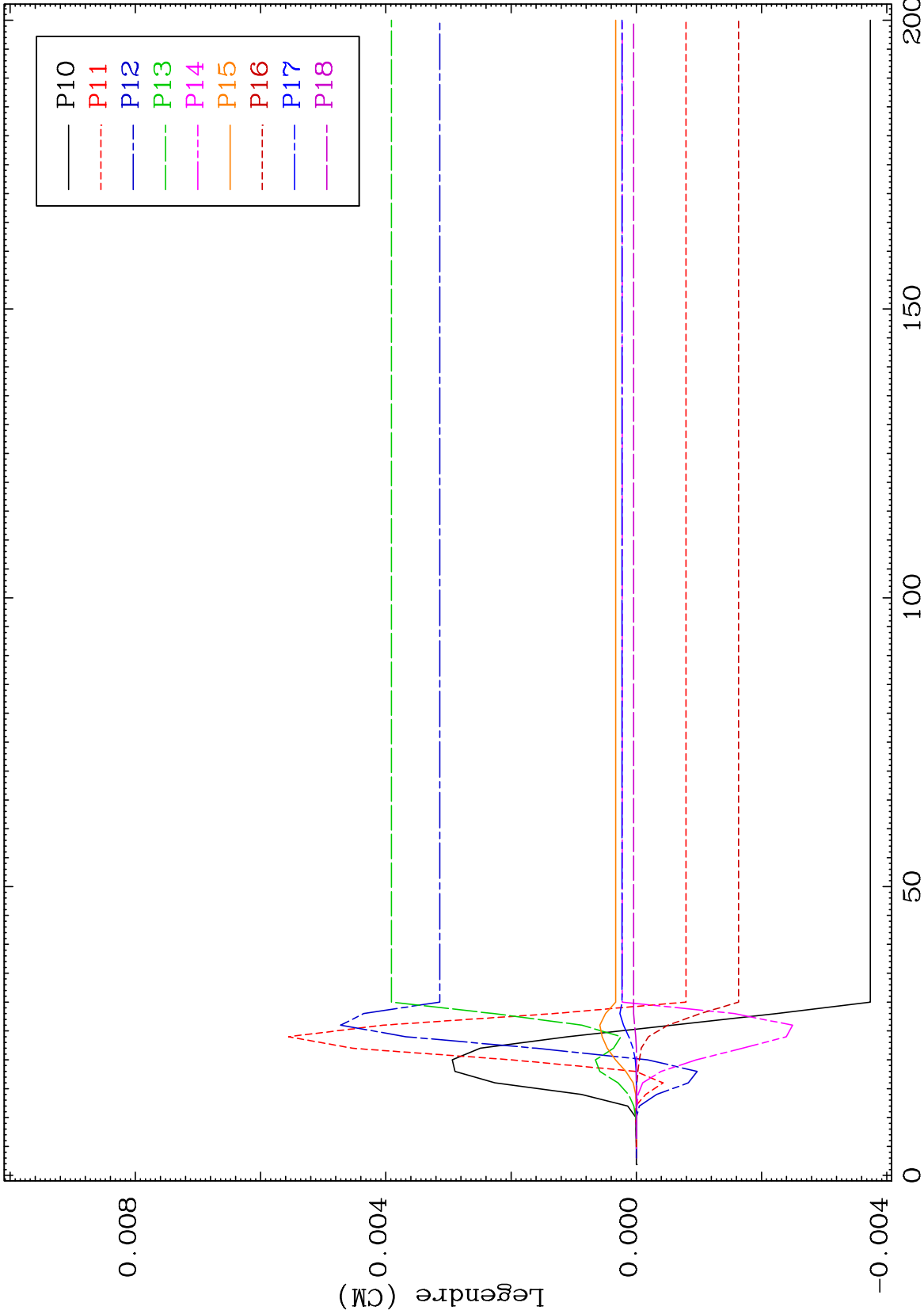
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



128

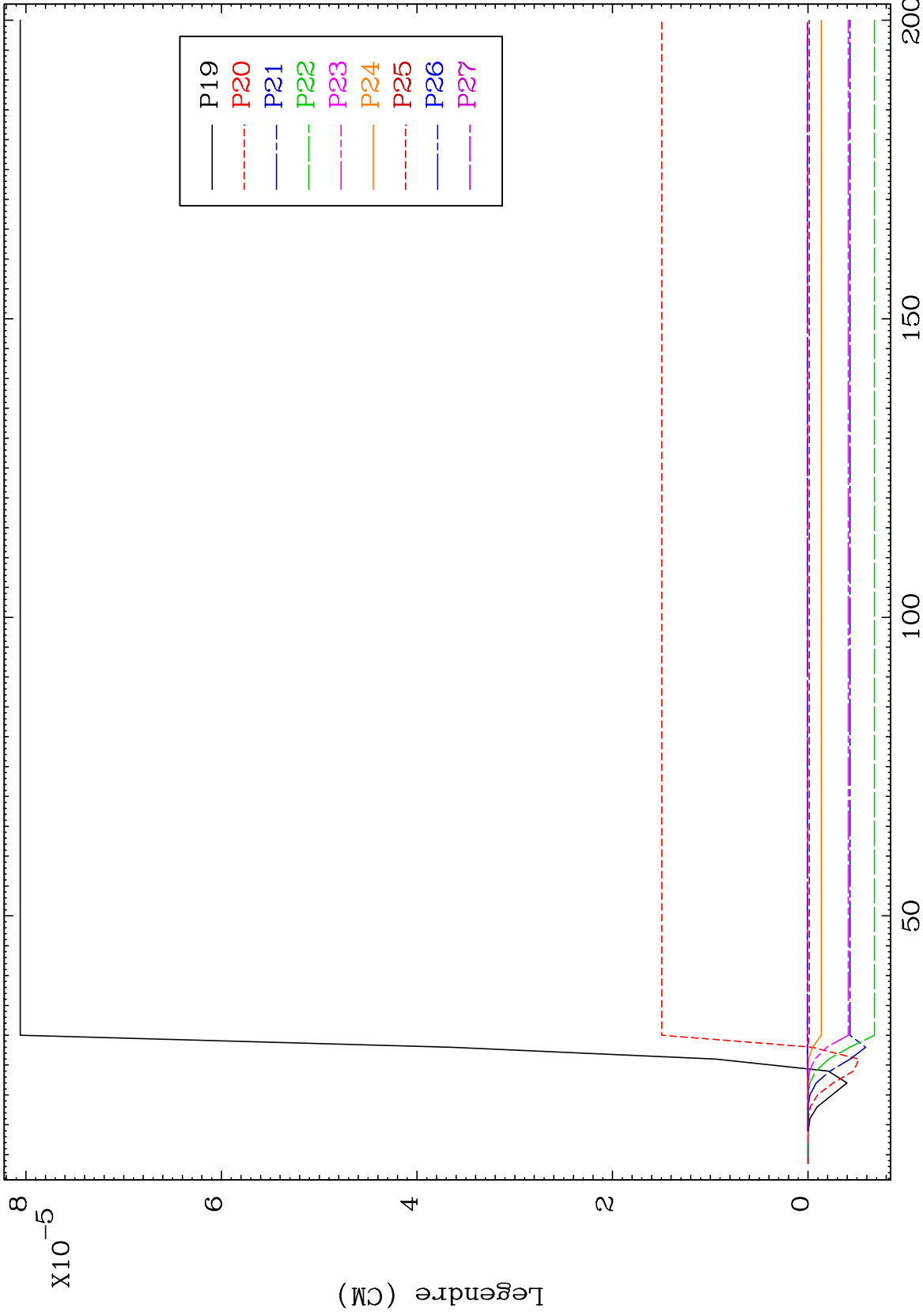
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



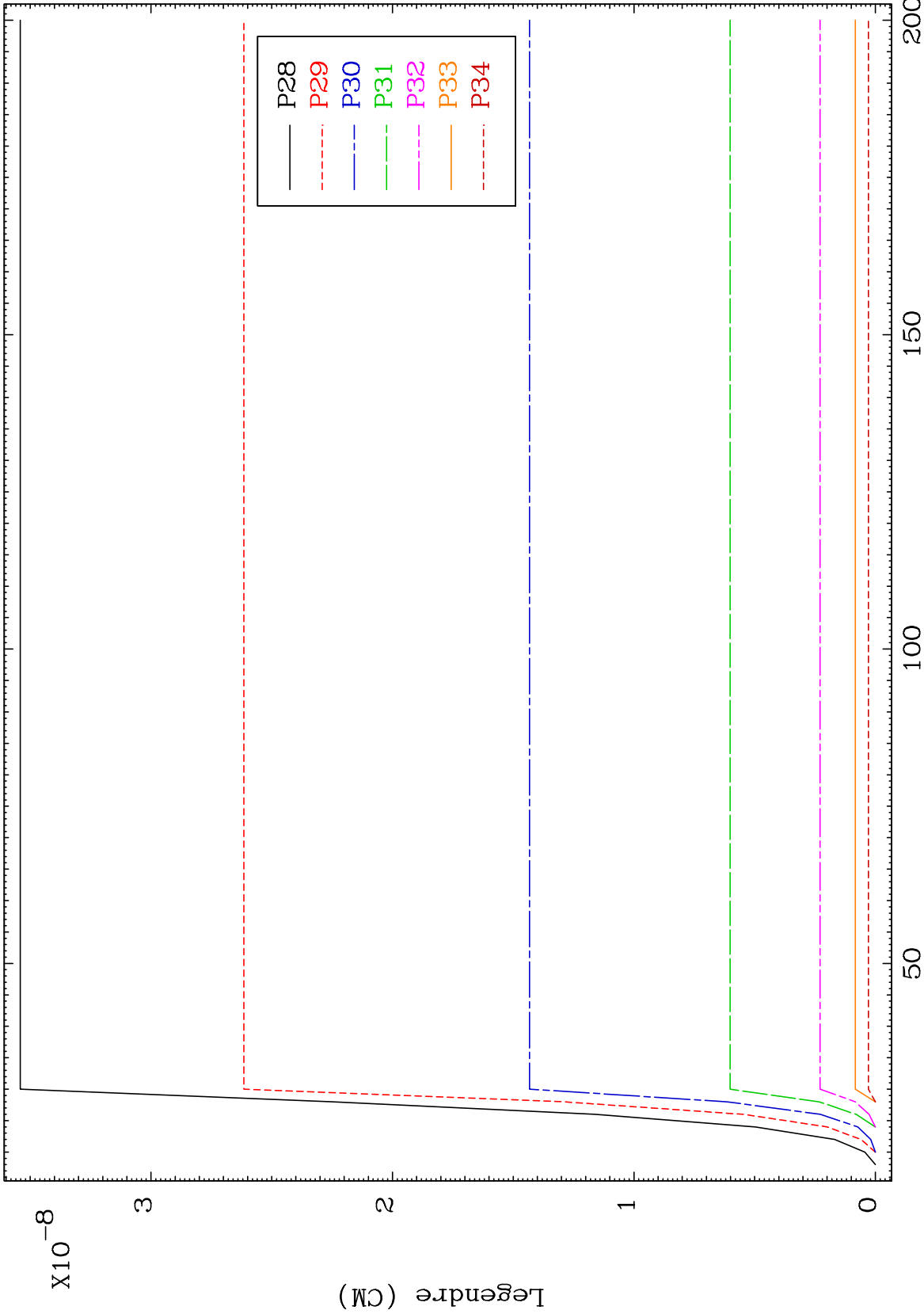
129

62-Sm-150

MAT 6243

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

62-Sm-150

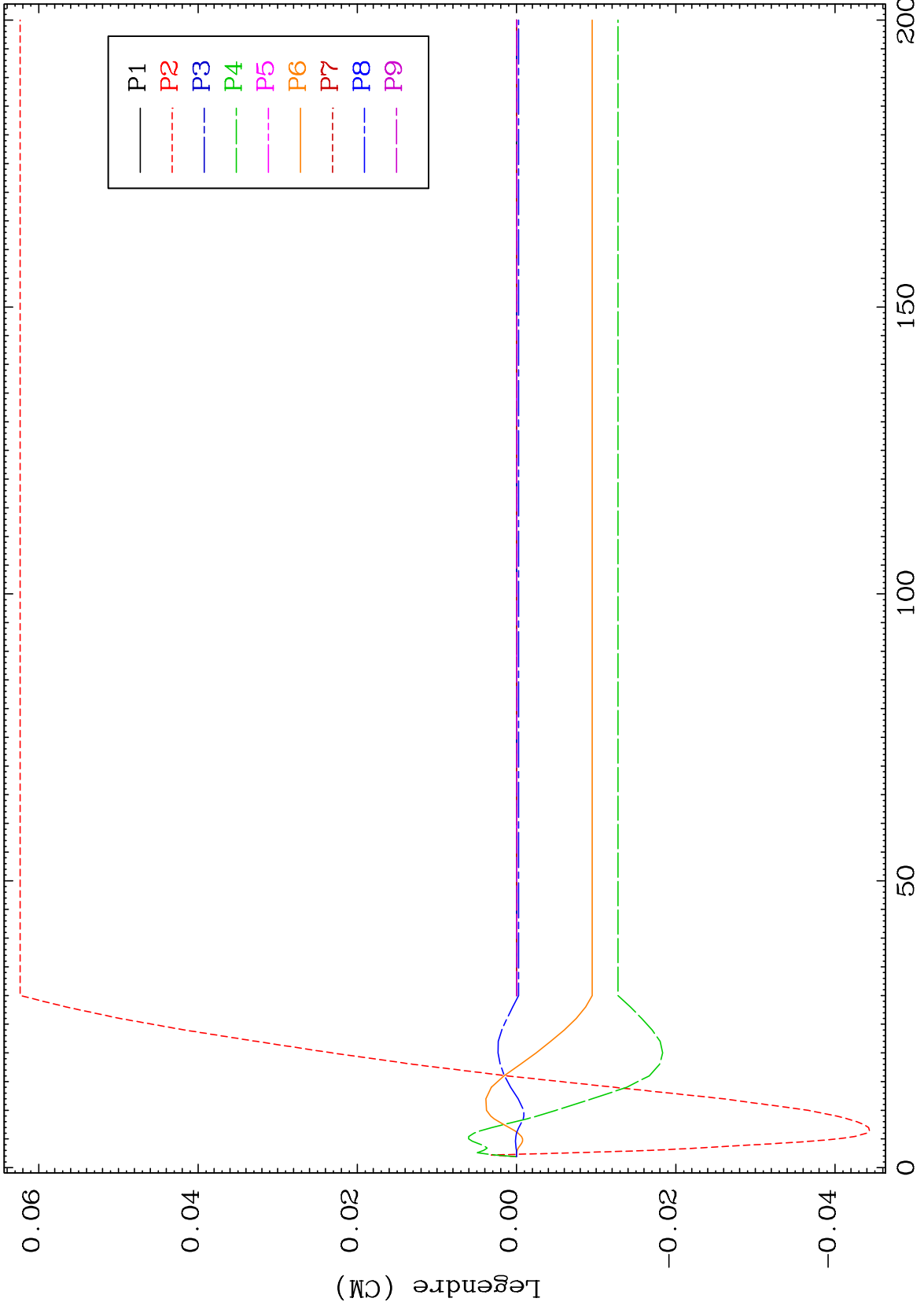


62-Sm-150

Incident Energy (MeV)

130

MAT 6243 MT= 80 (n,n') Level Legendre Coefficients 62-Sm-150

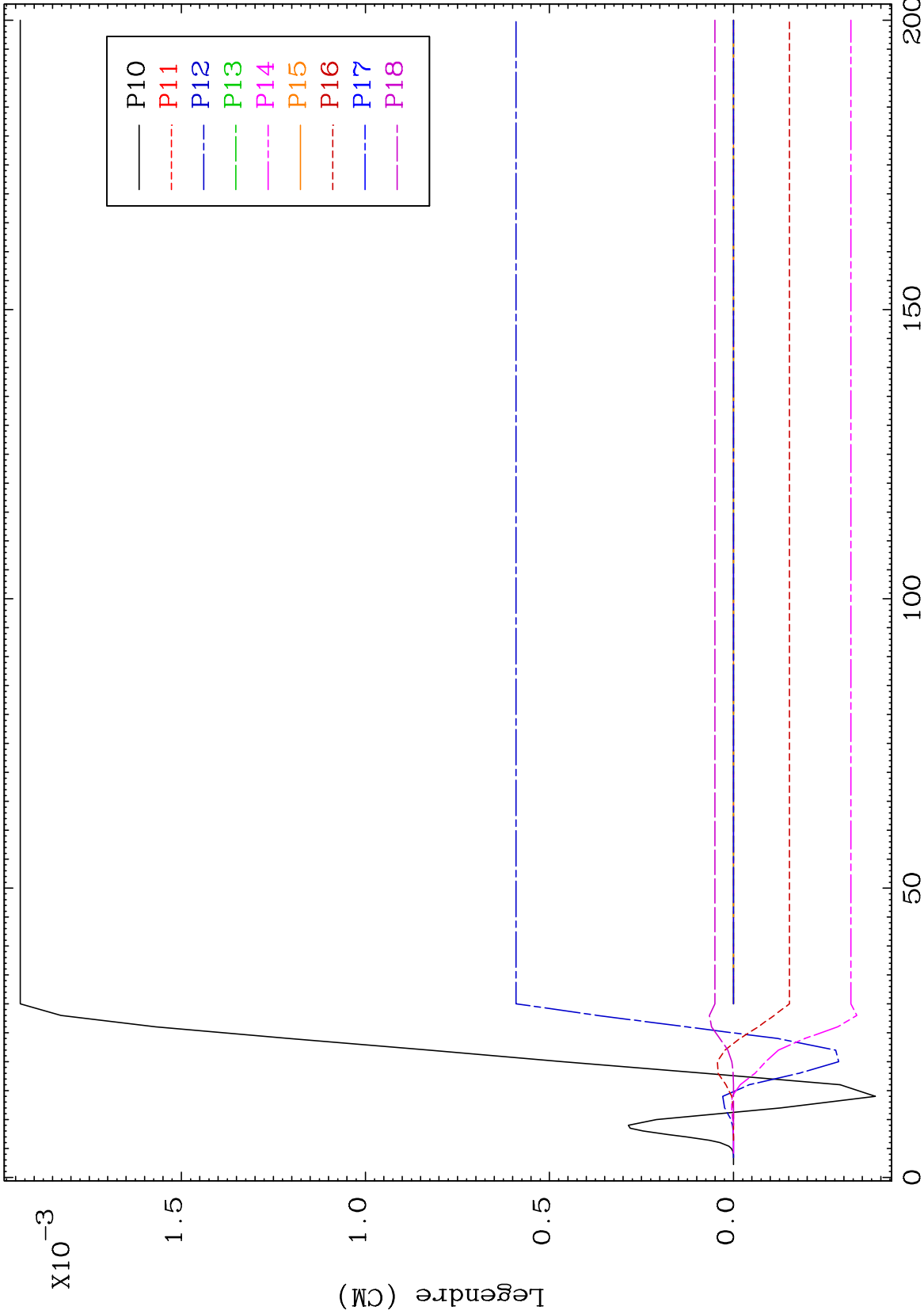


131 62-Sm-150

MAT 6243

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

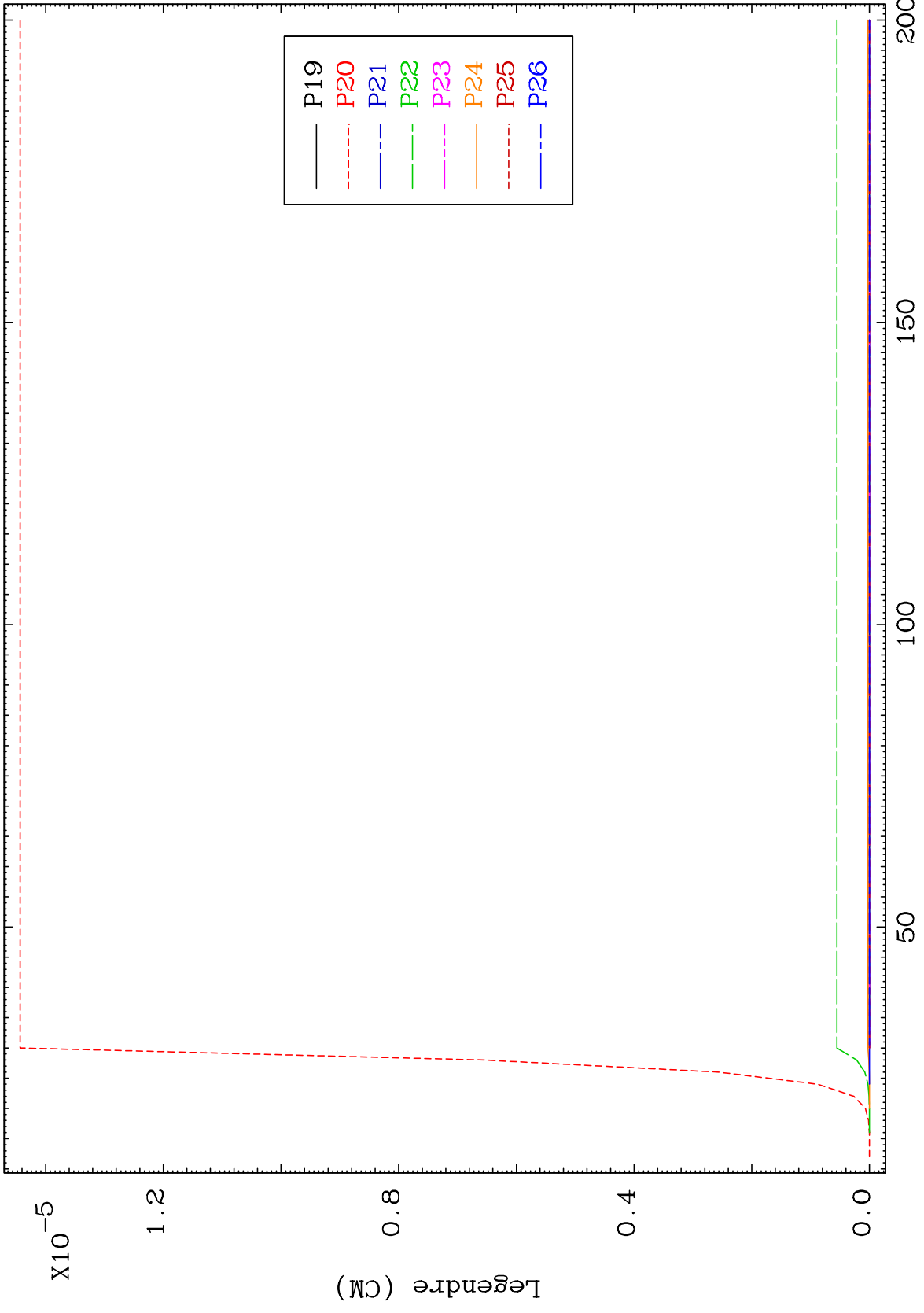
62-Sm-150



132

62-Sm-150

MAT 6243 MT= 80 (n,n') Level Legendre Coefficients 62-Sm-150



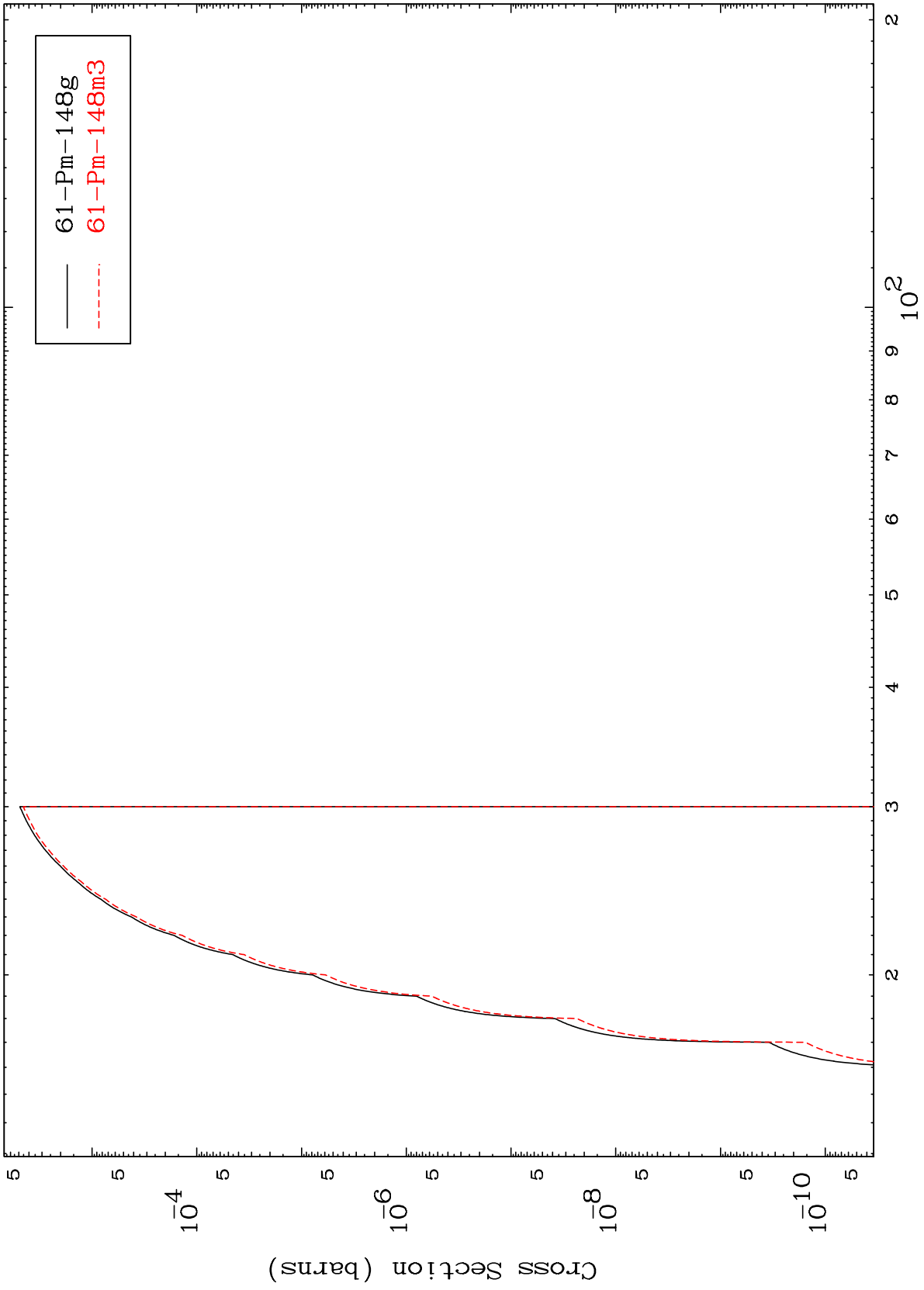
133 62-Sm-150

MAT 6243

(n,n') d

62-Sm-150

Radionuclide Production Cross Section



134

Incident Energy (MeV)

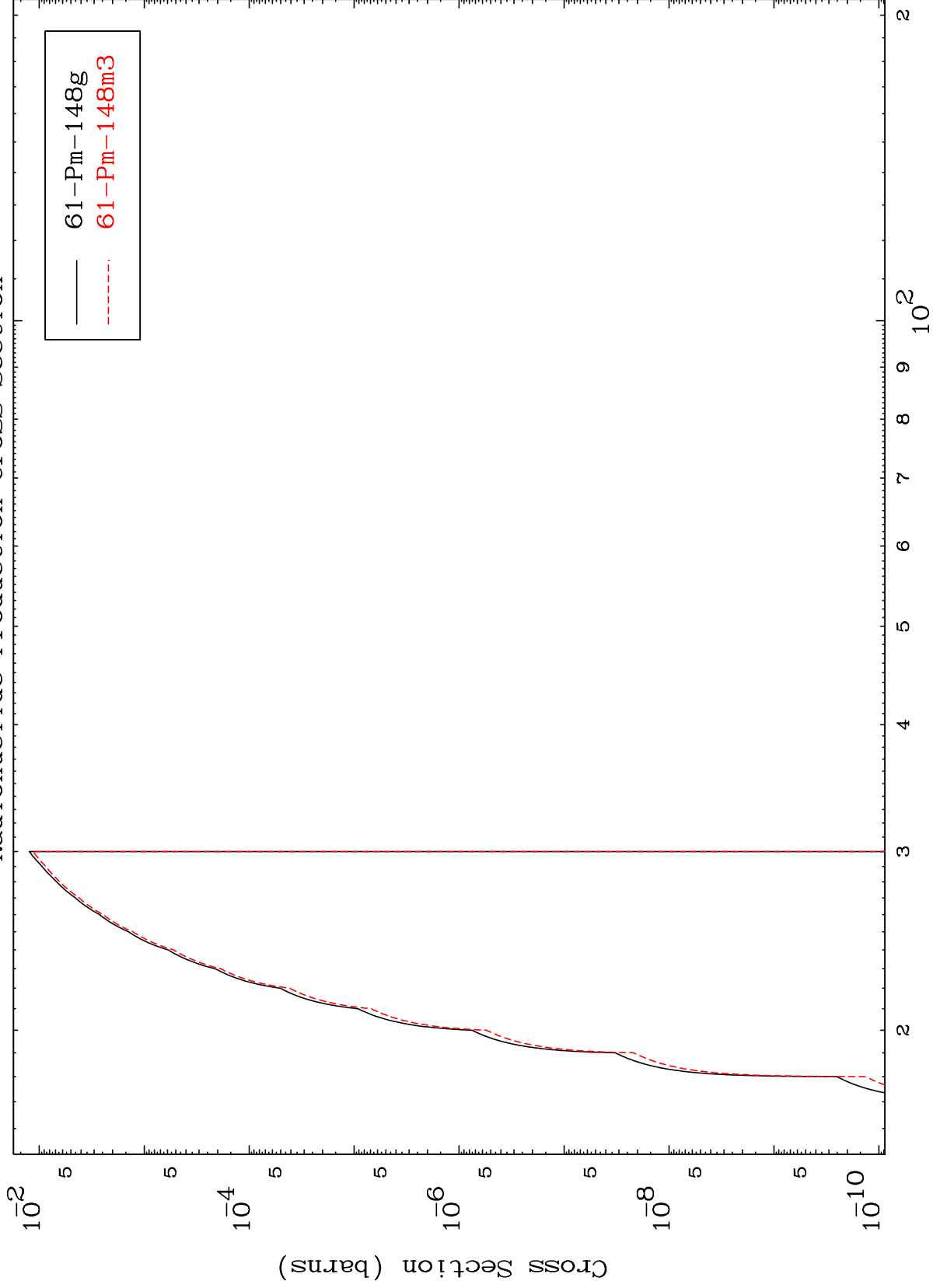
62-Sm-150

MAT 6243

(n,2n) p

62-Sm-150

Radionuclide Production Cross Section



135

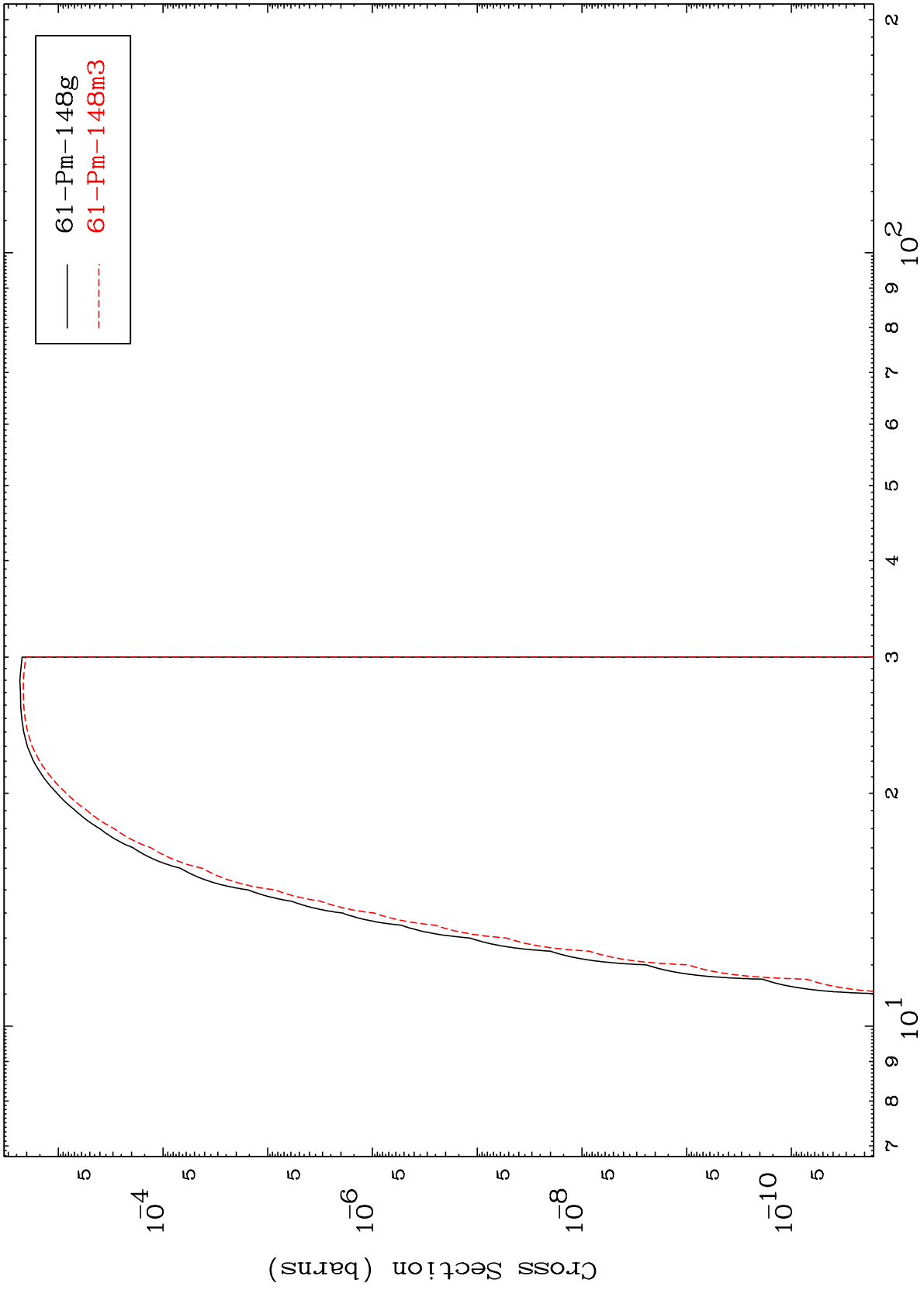
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

62-Sm-150