

Program EVALPLOT
(Version 2017-1)

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

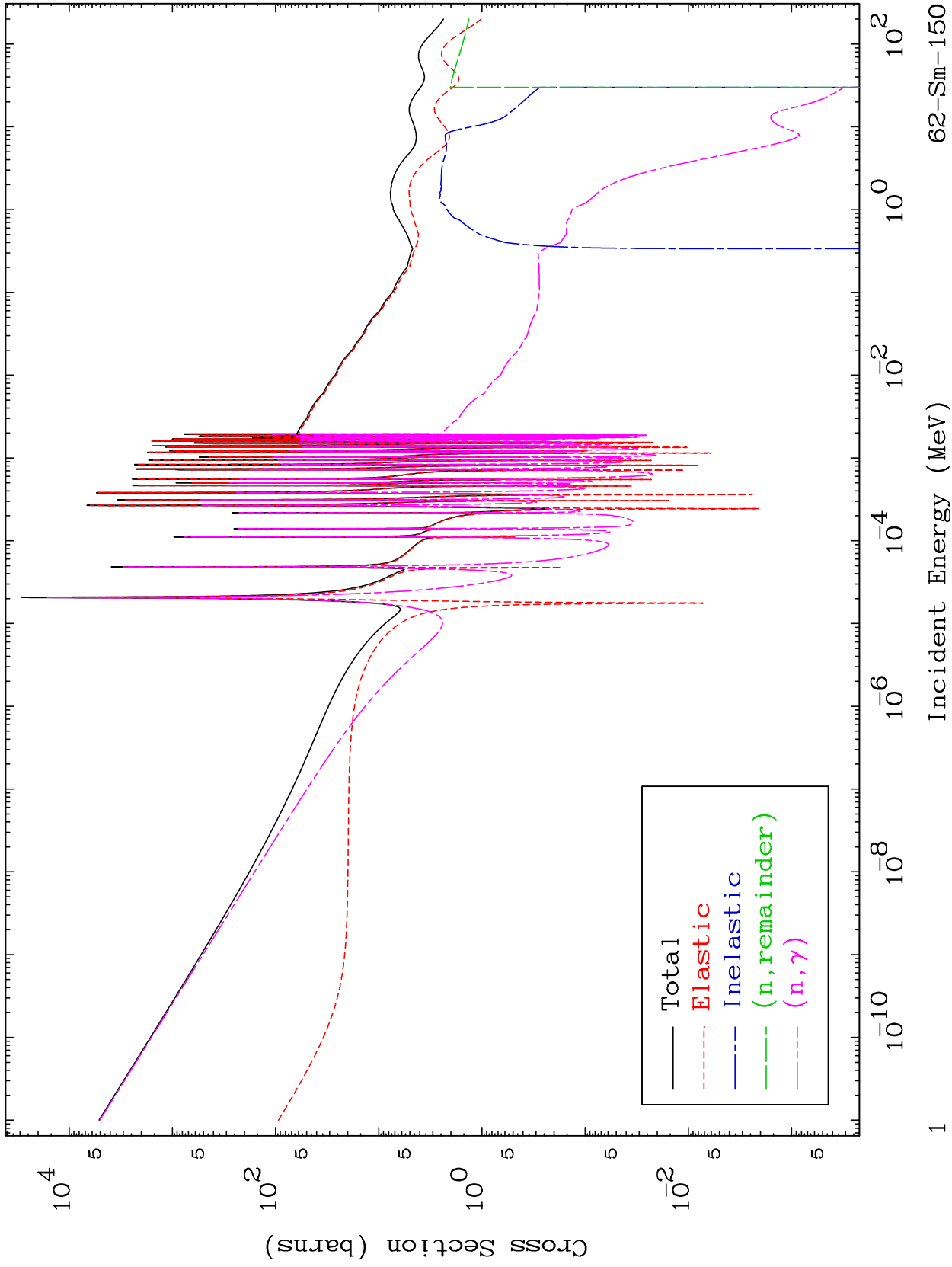
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6243

Major
293 Kelvin Cross Sections

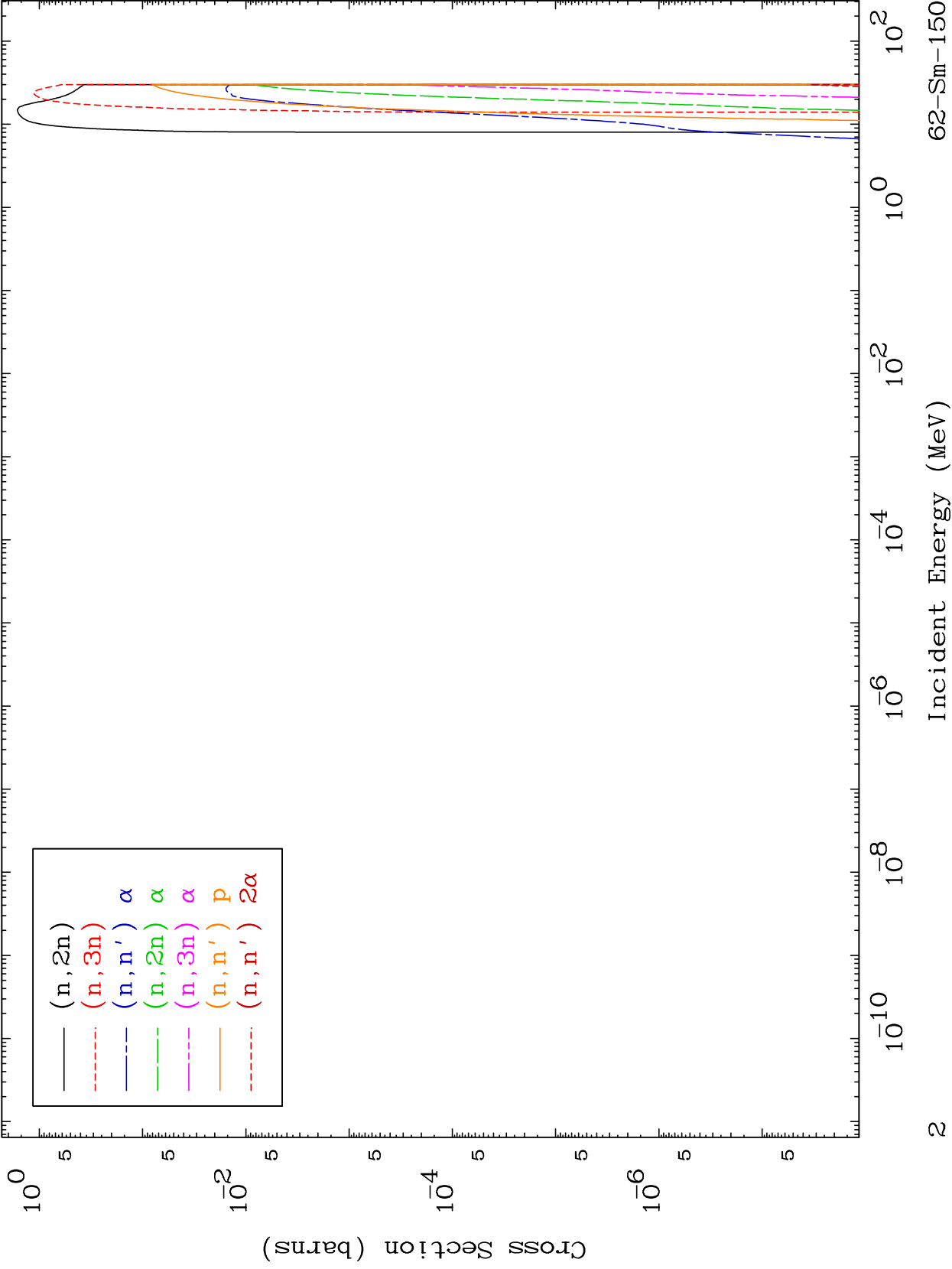
62-Sm-150

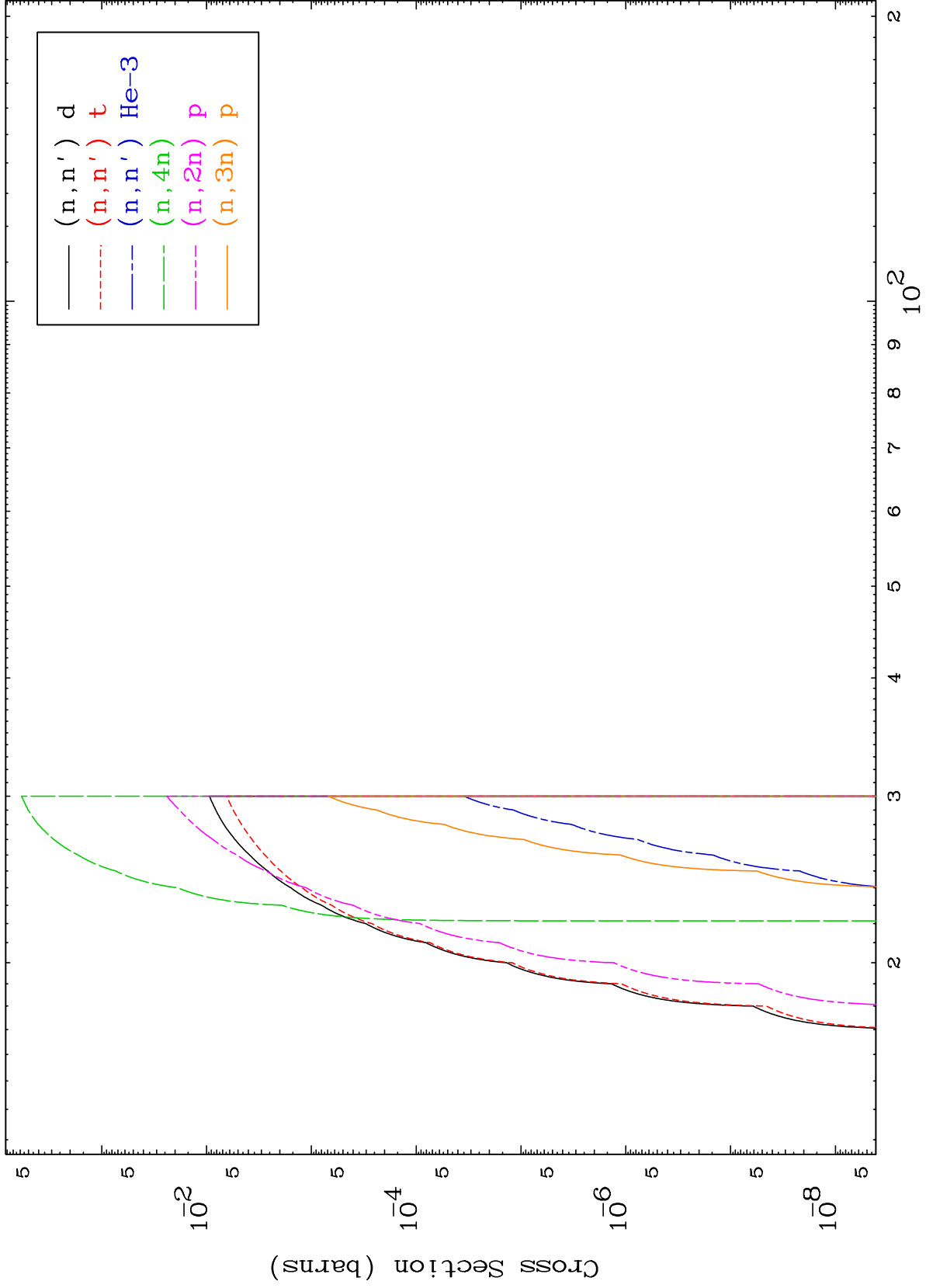


MAT 6243

Neutron Production
293 Kelvin Cross Sections

62-Sm-150

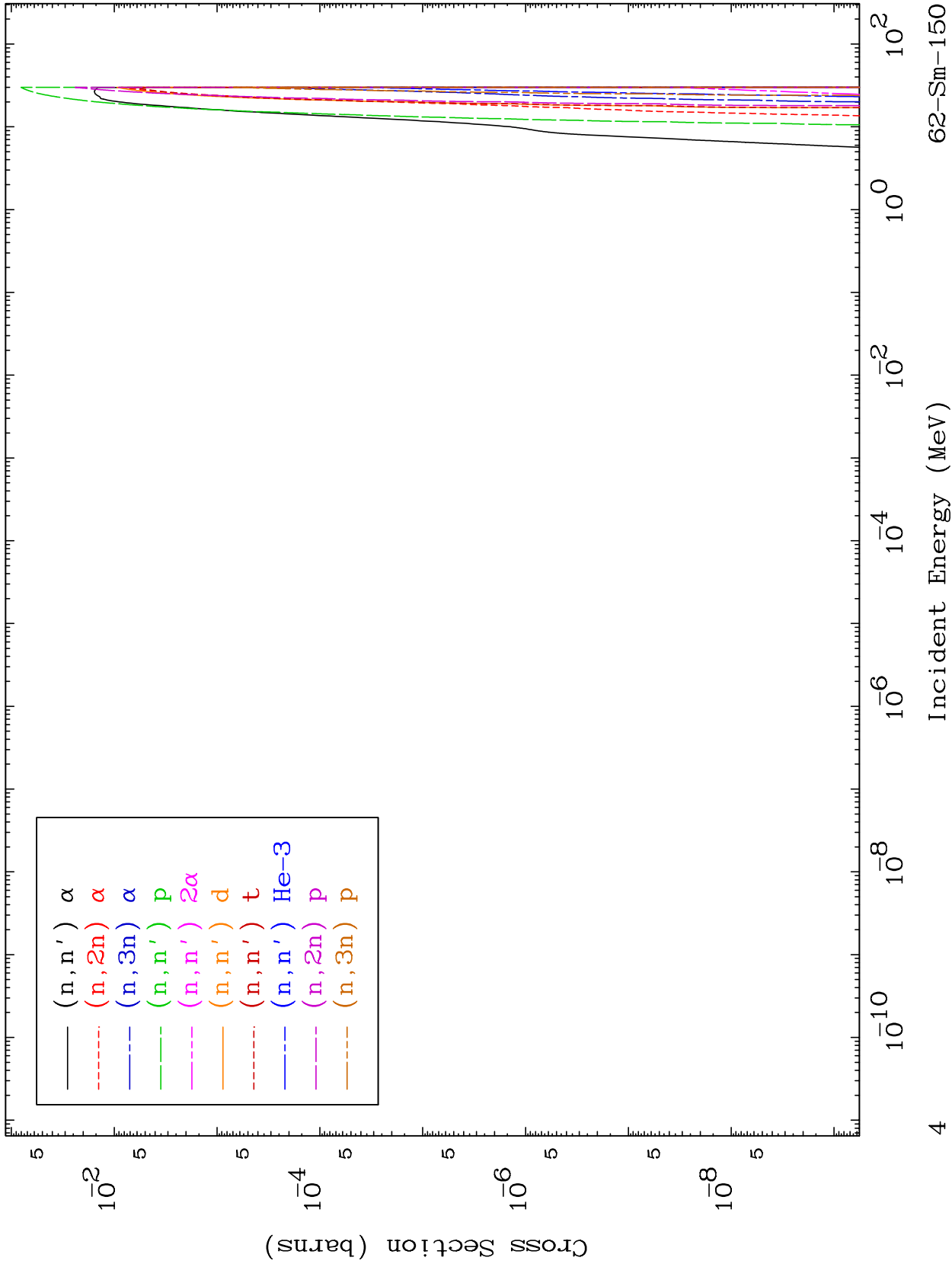




MAT 6243

Charged Particle
293 Kelvin Cross Sections

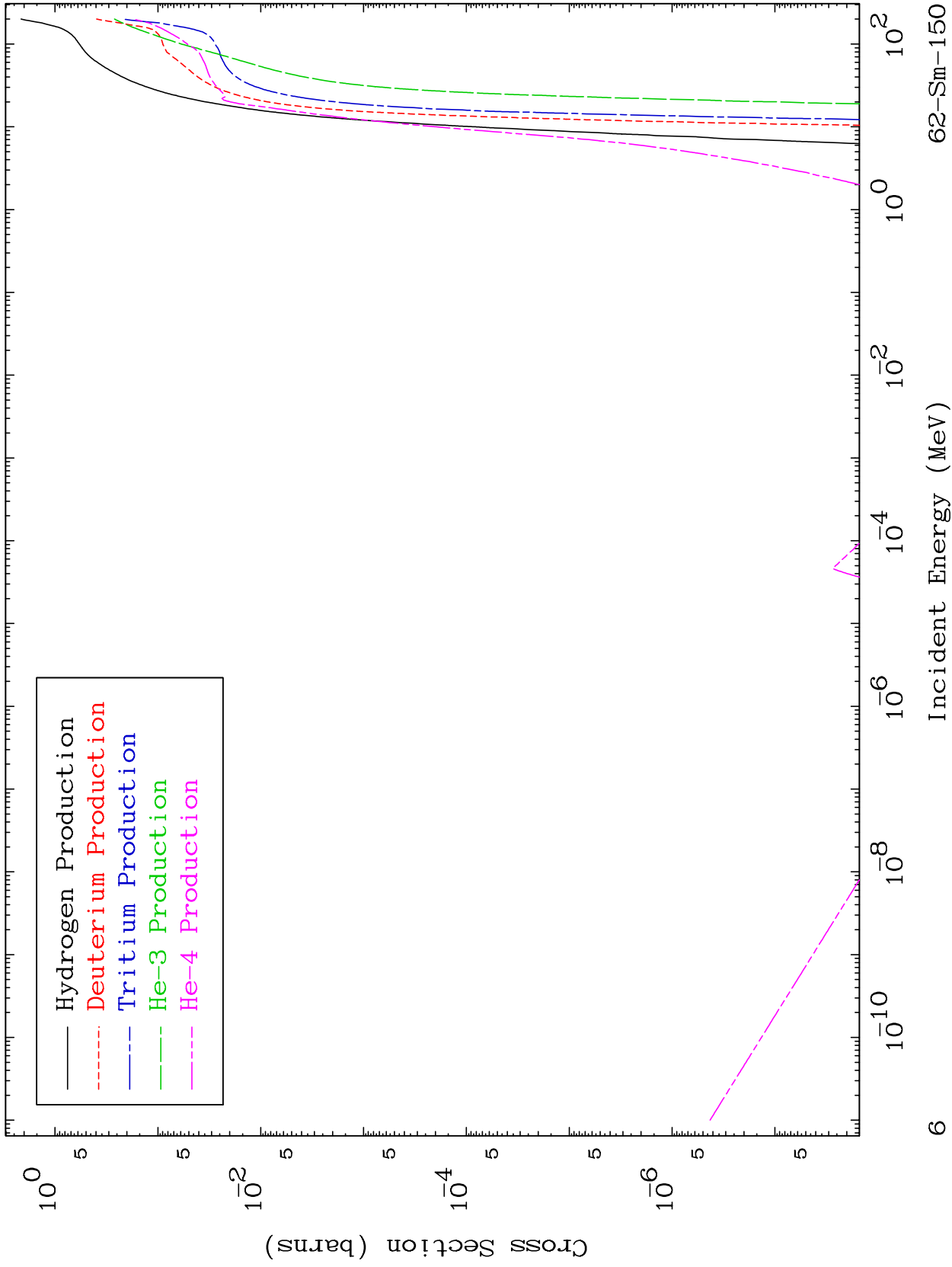
62-Sm-150



MAT 6243

Particle Production
293 Kelvin Cross Sections

62-Sm-150

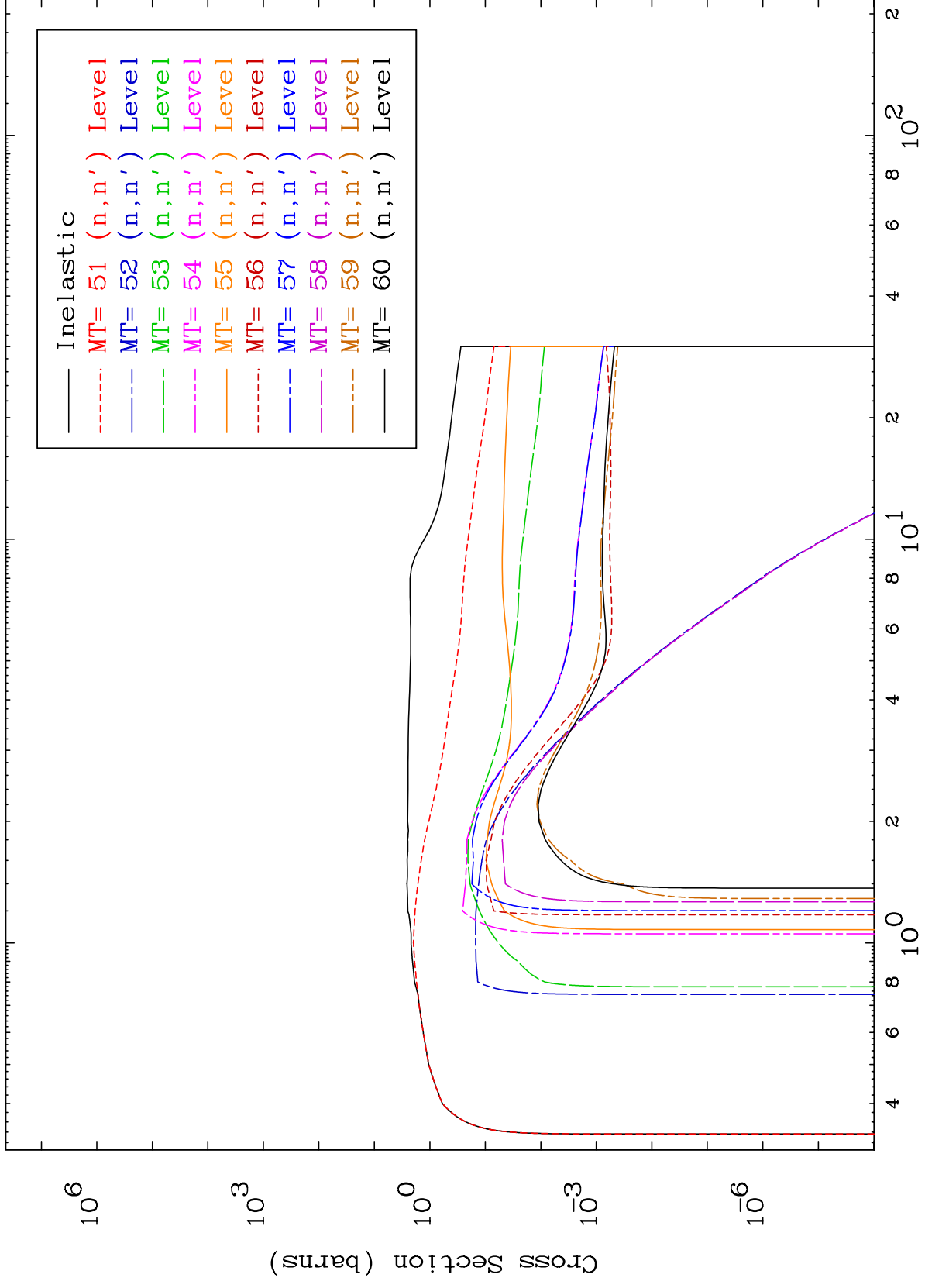


MAT 6243

(n,n') Level

62-Sm-150

293 Kelvin Cross Sections

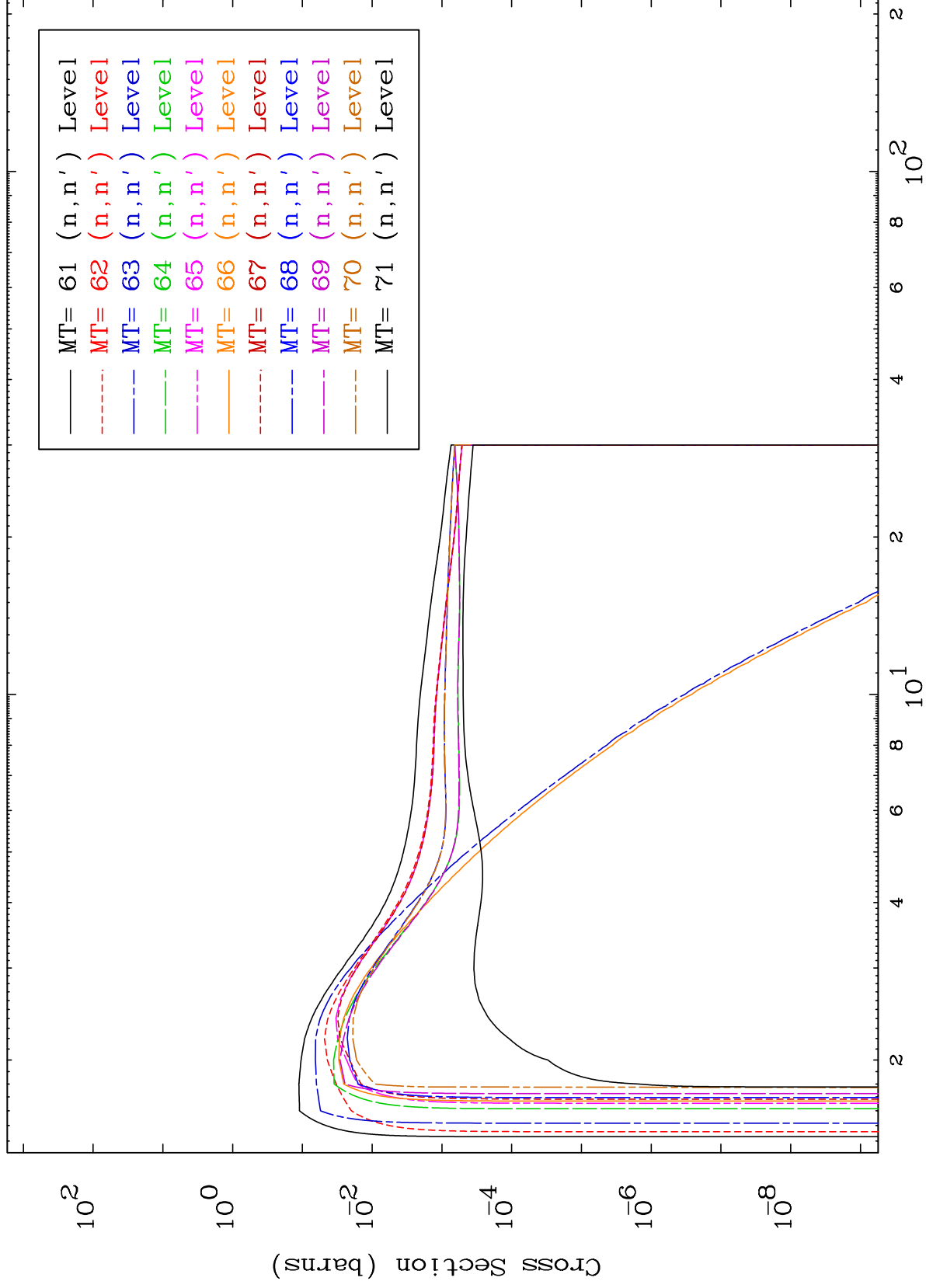


MAT 6243

(n,n') Level

293 Kelvin Cross Sections

62-Sm-150



8

Incident Energy (MeV)

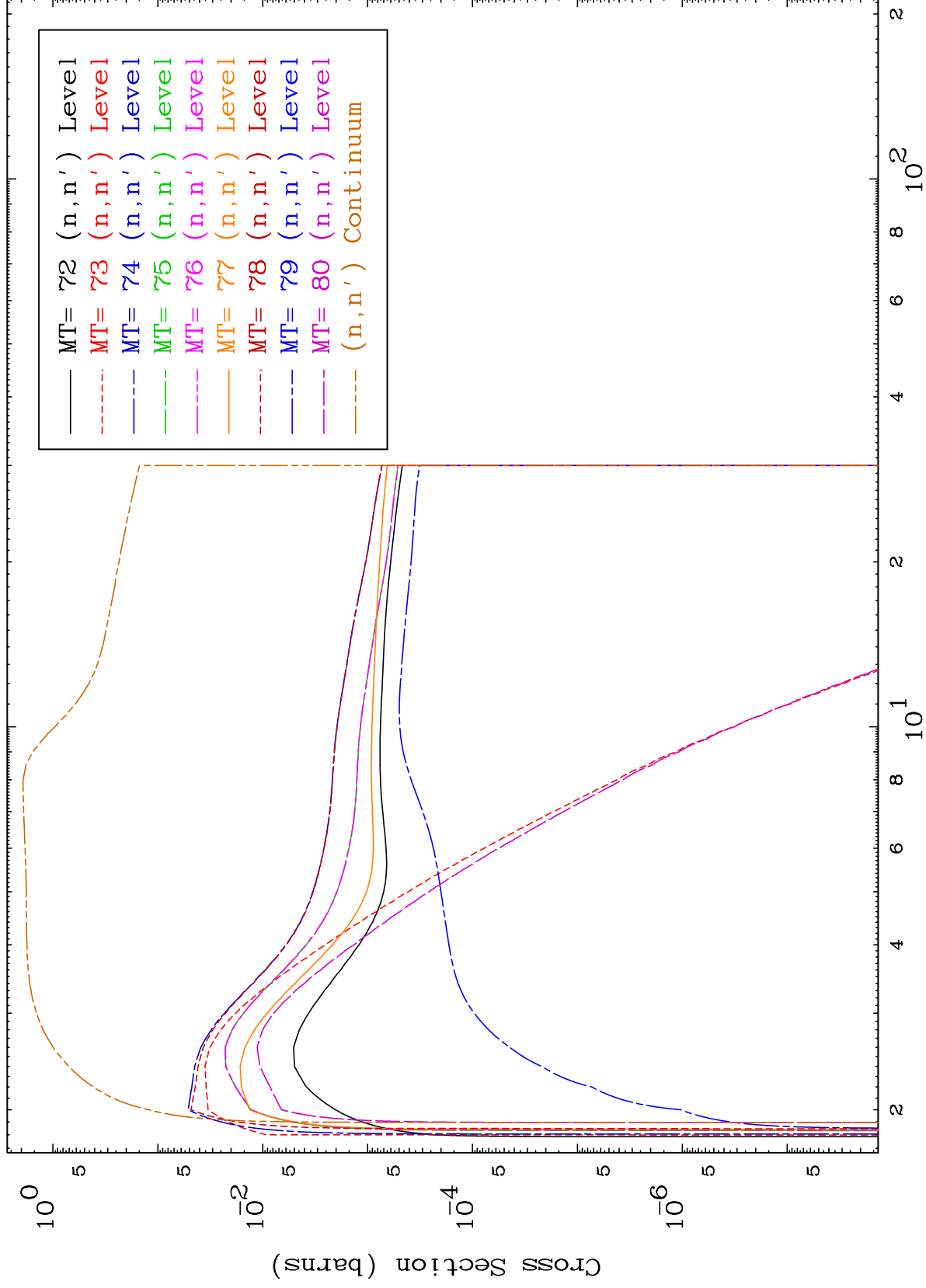
62-Sm-150

MAT 6243

(n,n') Level

62-Sm-150

293 Kelvin Cross Sections



9

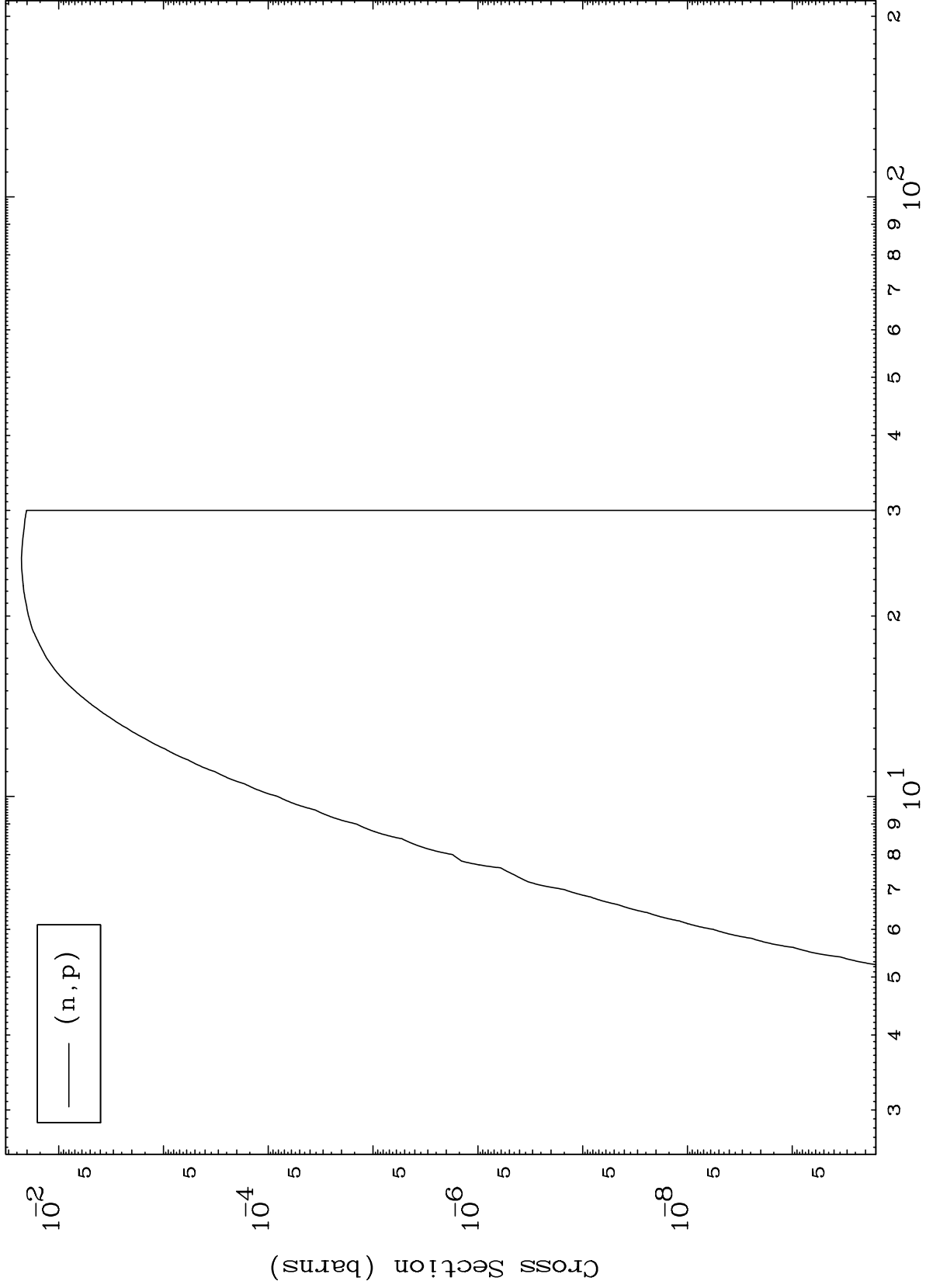
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-150



10

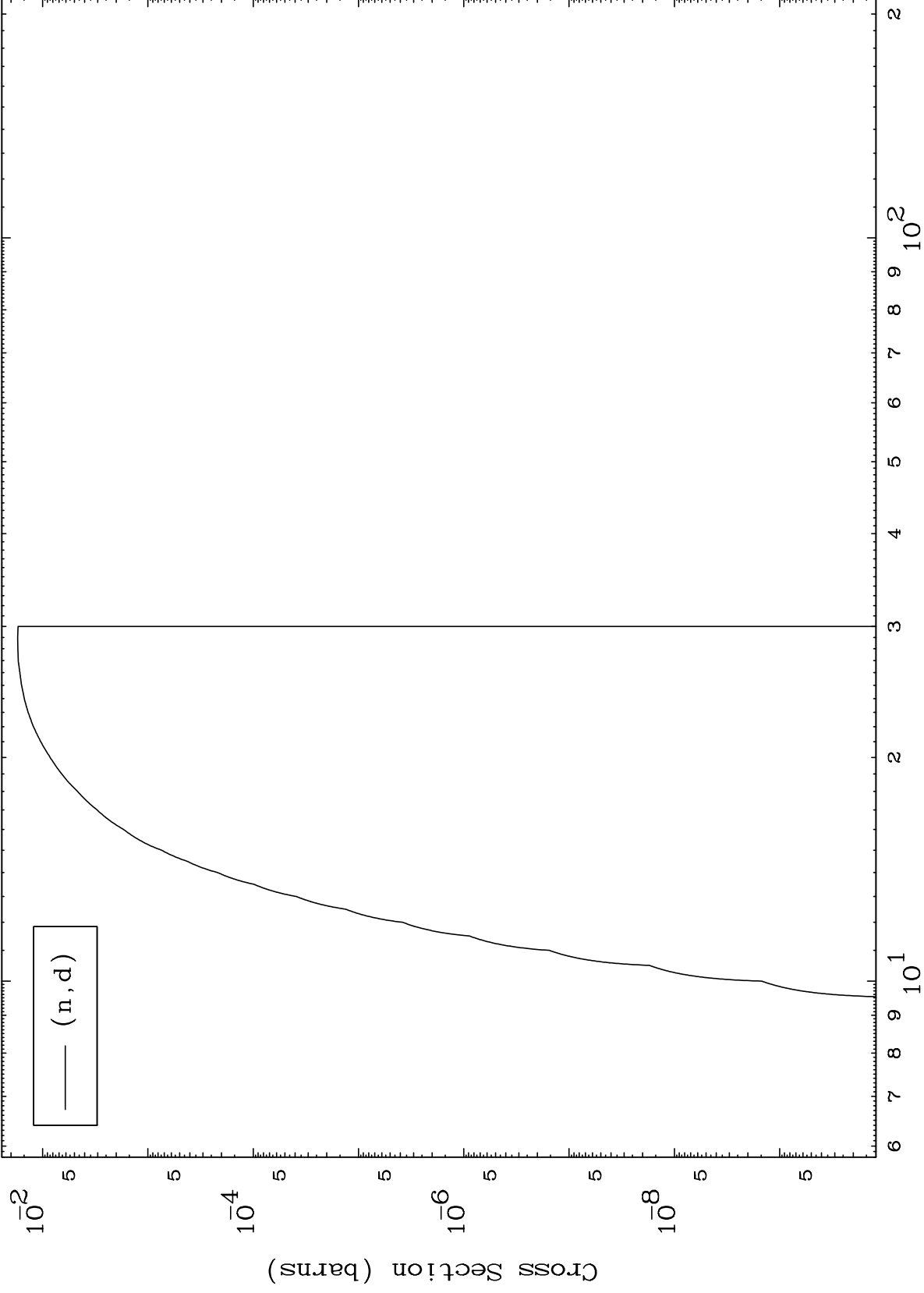
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-150



11

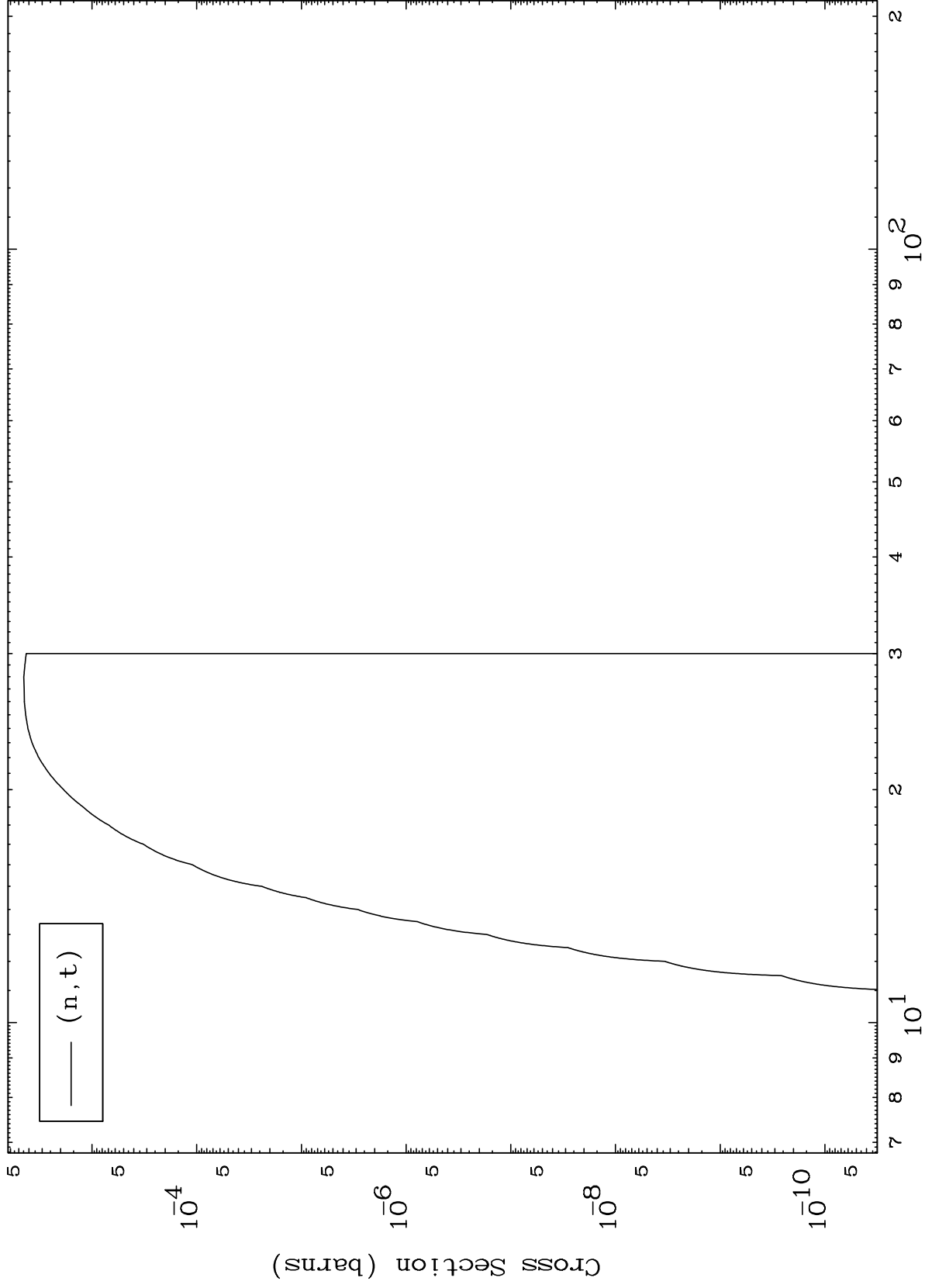
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-150



12

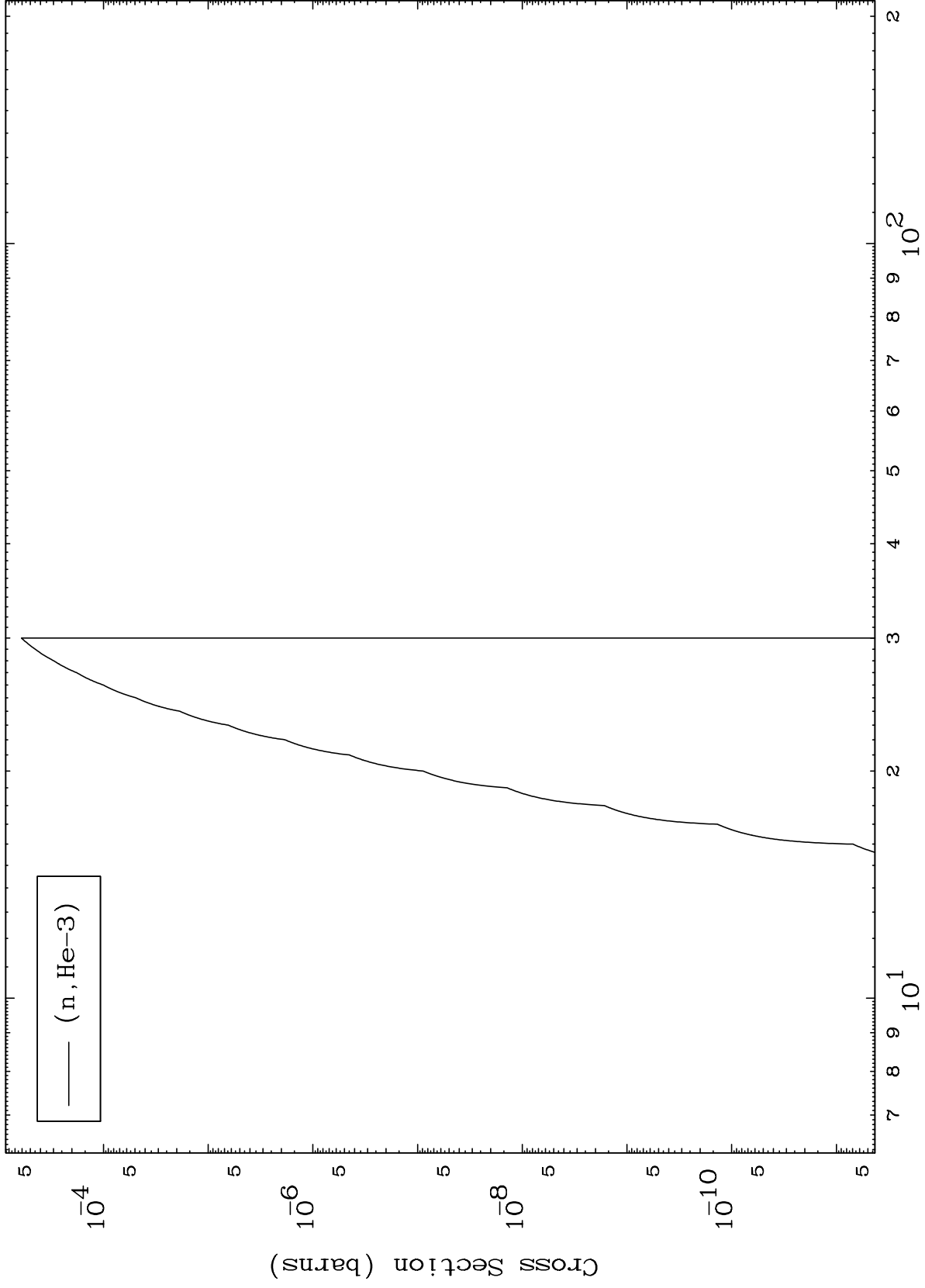
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-150



13

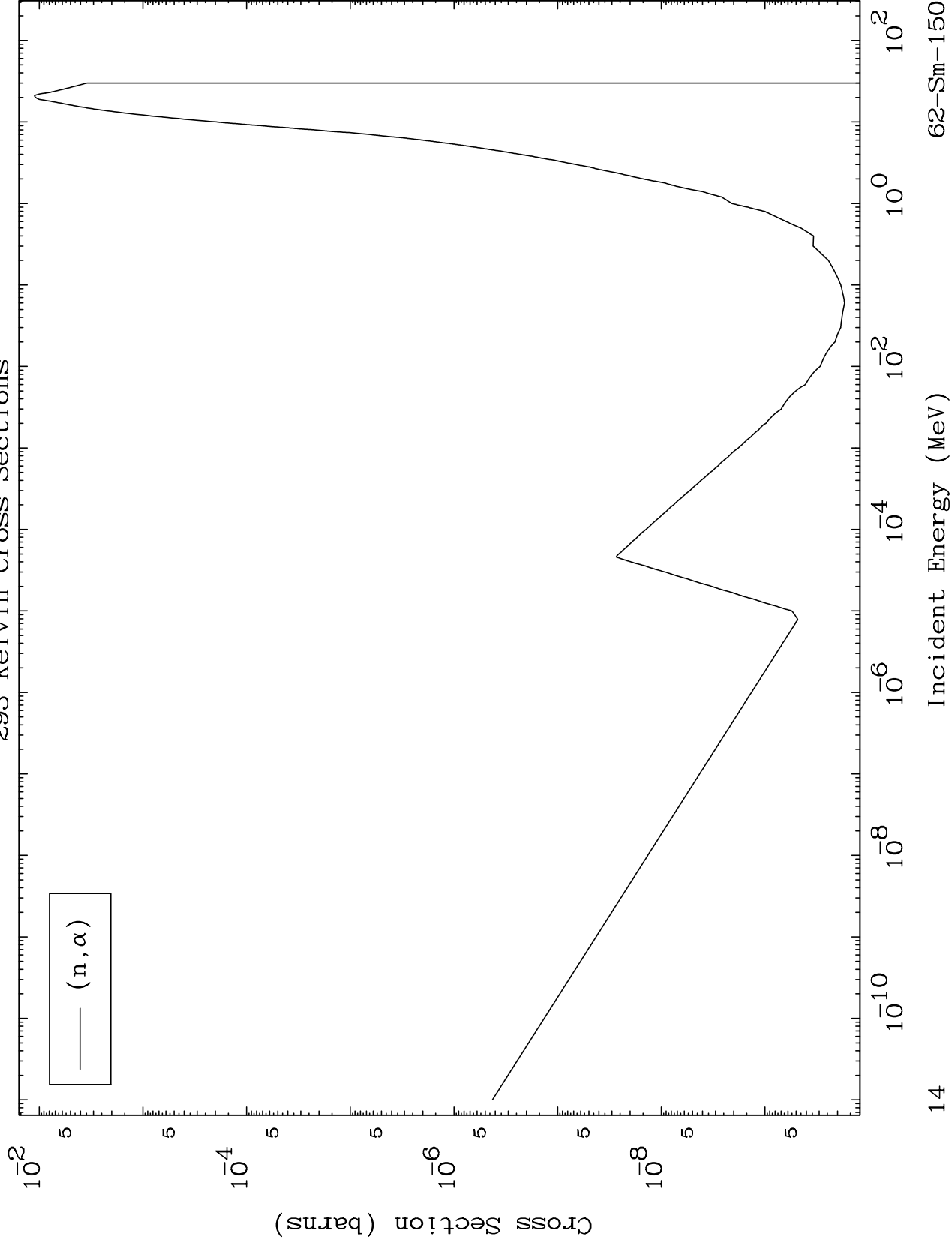
Incident Energy (MeV)

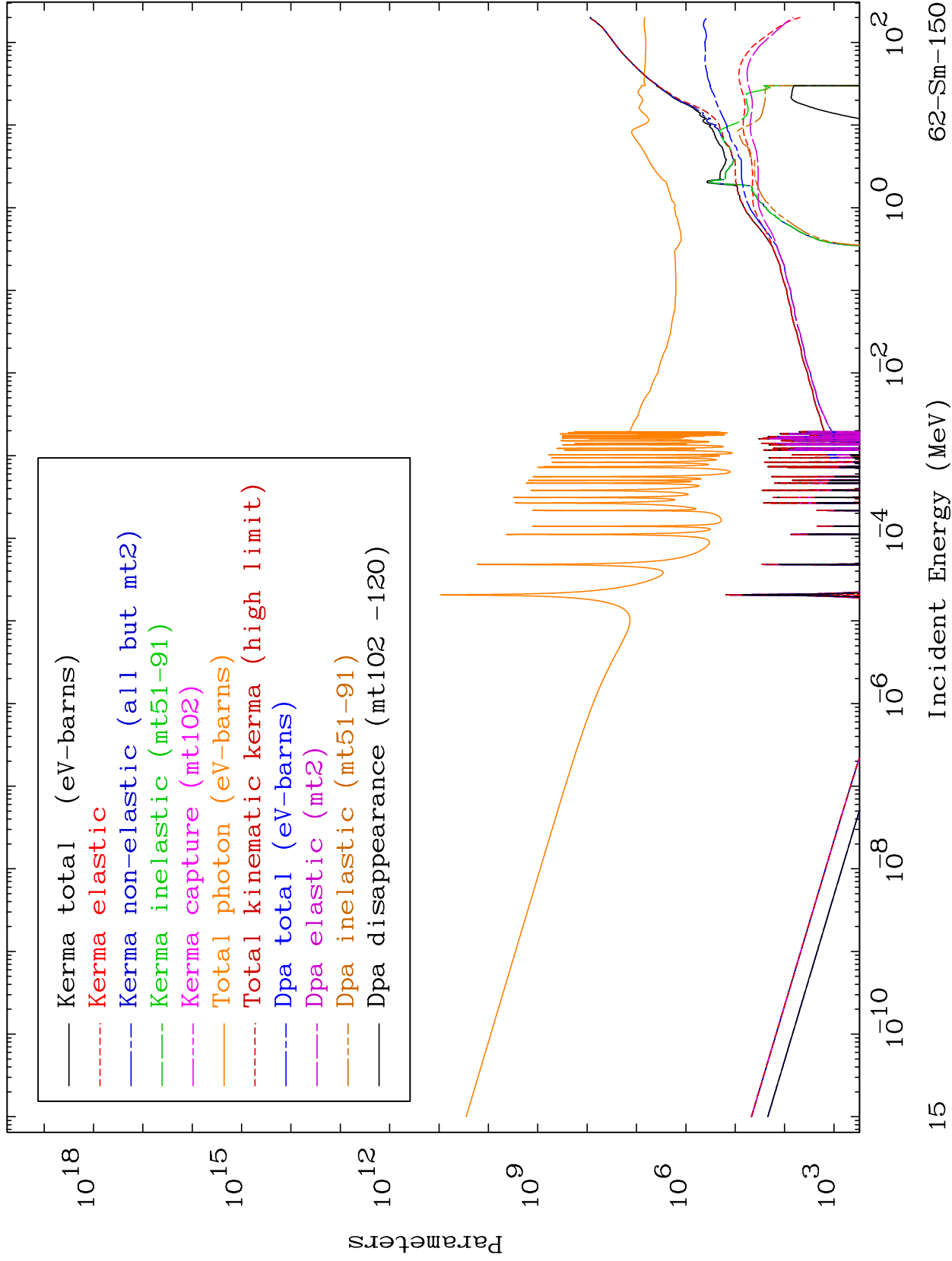
62-Sm-150

MAT 6243

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-150

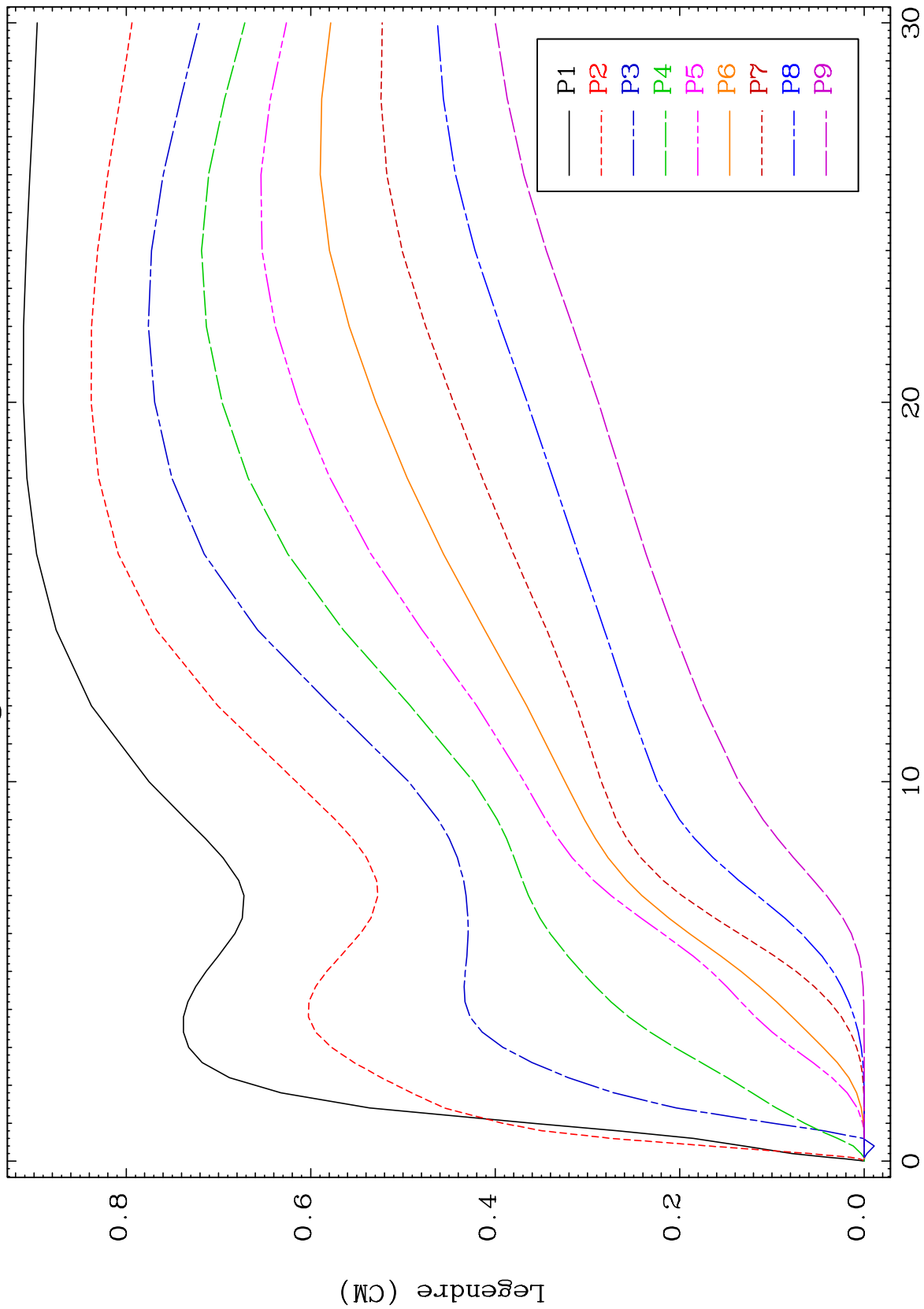




MAT 6243

Elastic Legendre Coefficients

62-Sm-150



16

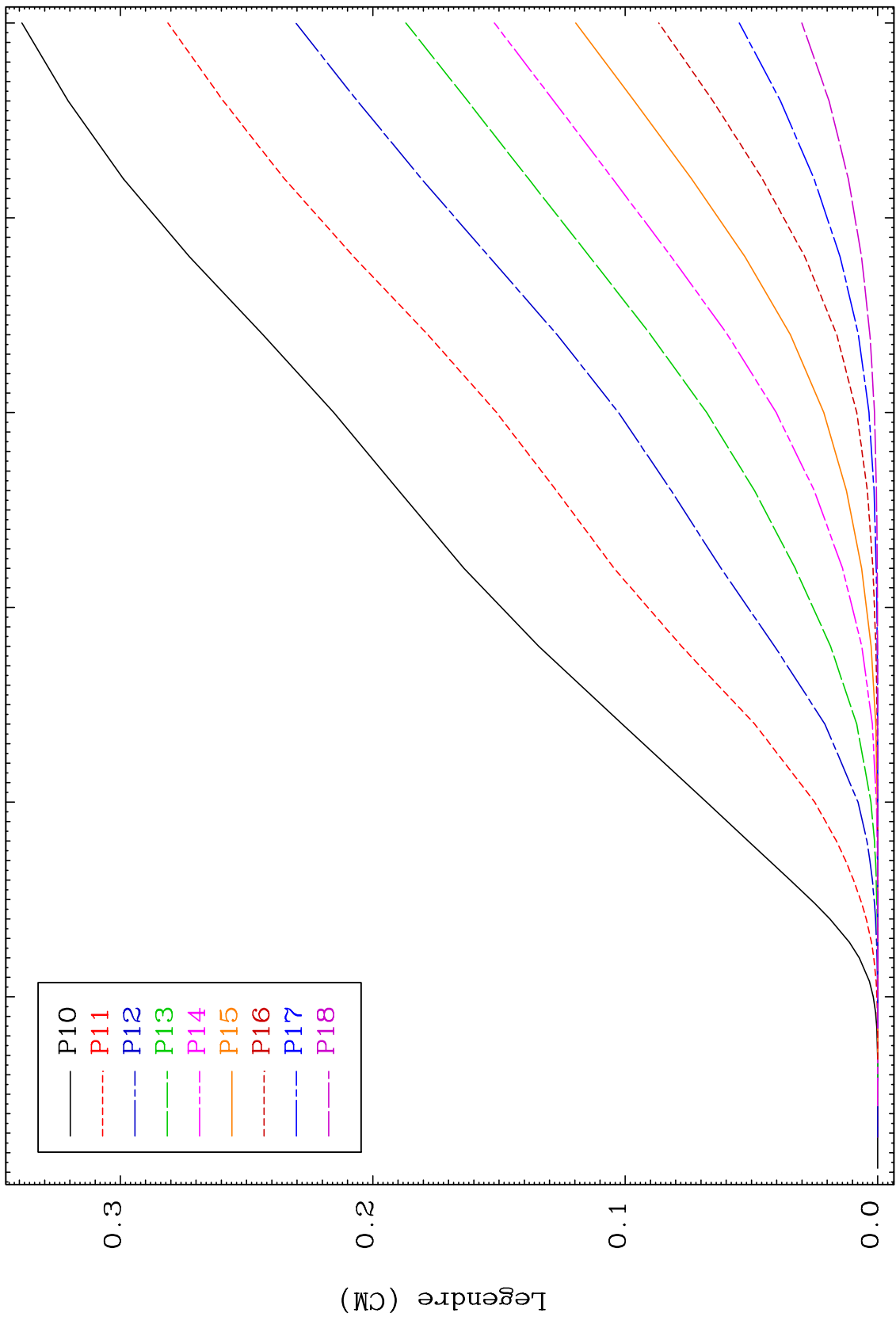
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic Legendre Coefficients

62-Sm-150



17

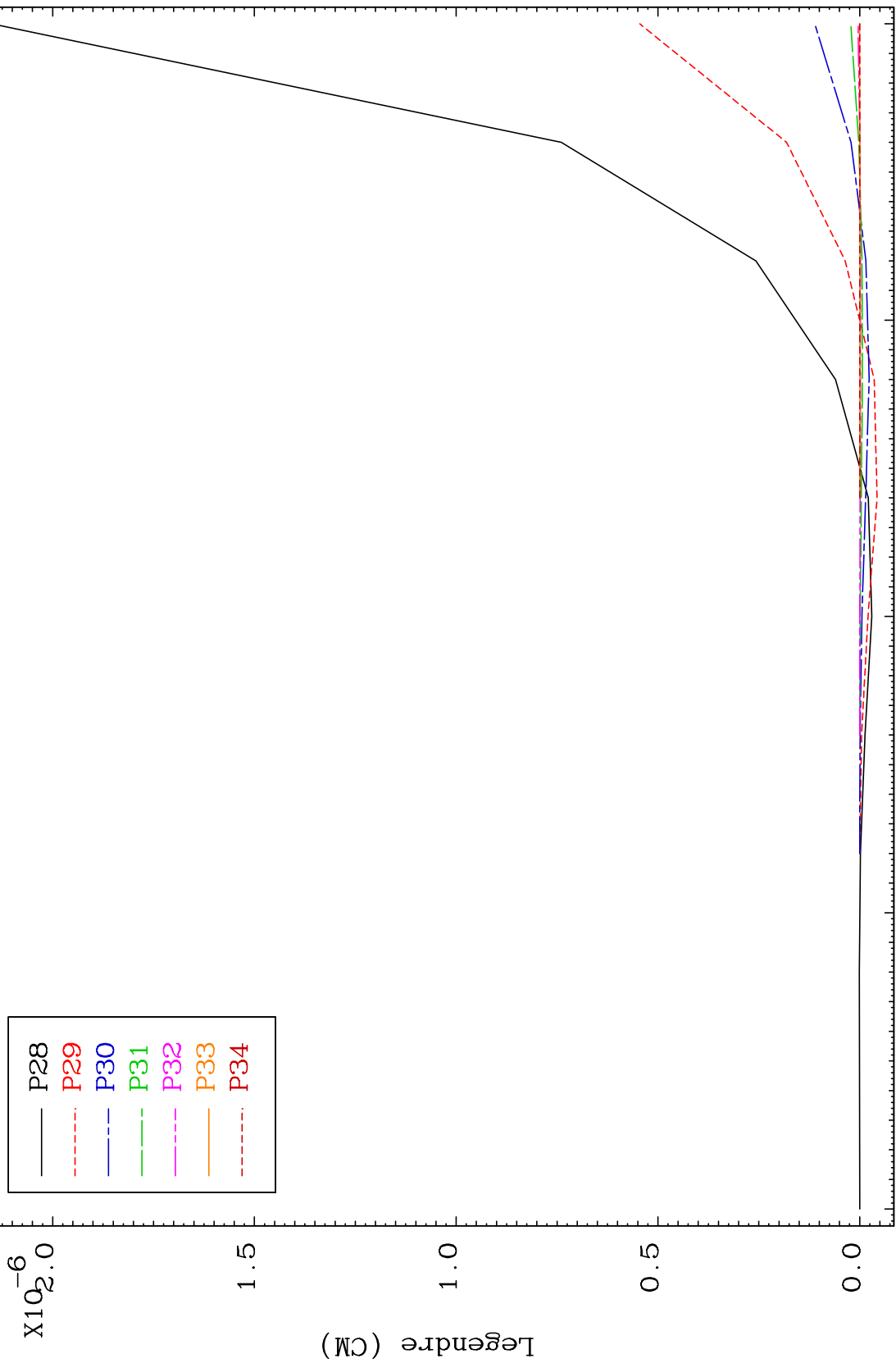
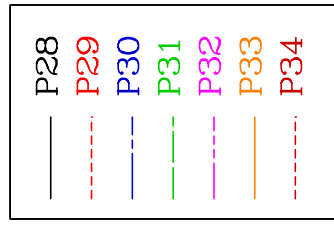
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic
Legendre Coefficients

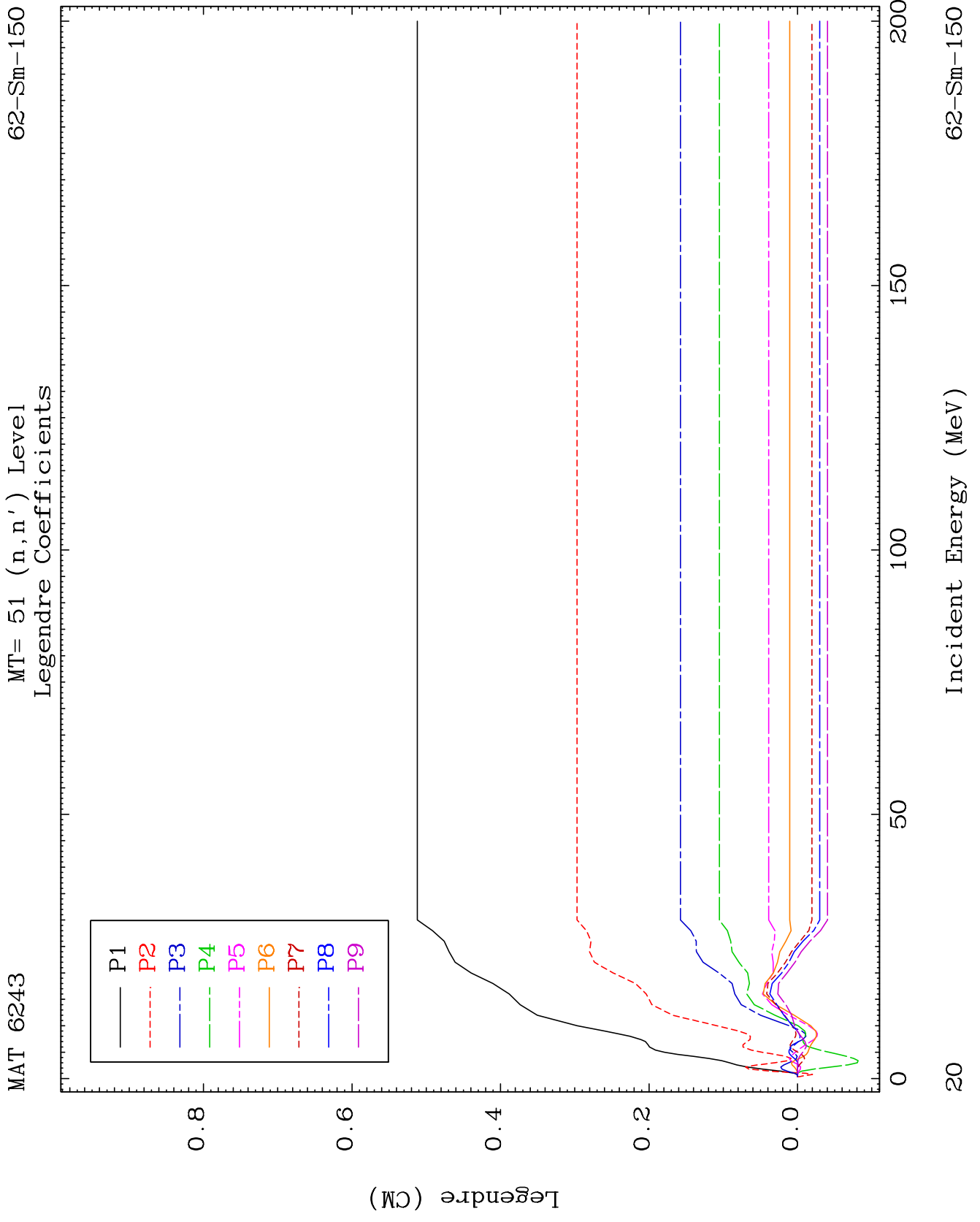
62-Sm-150



19

Incident Energy (MeV)

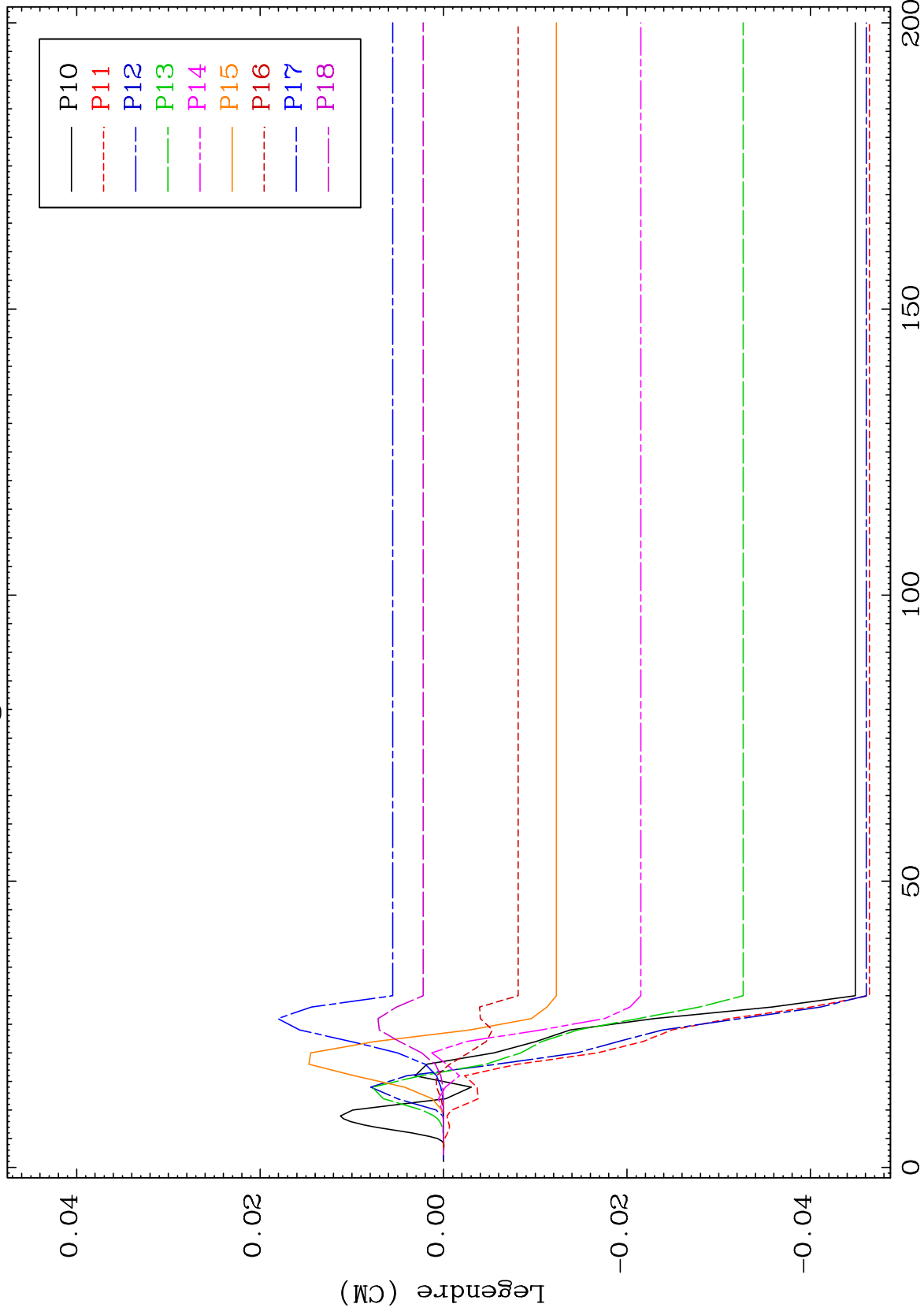
62-Sm-150



MAT 6243

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

62-Sm-150



21

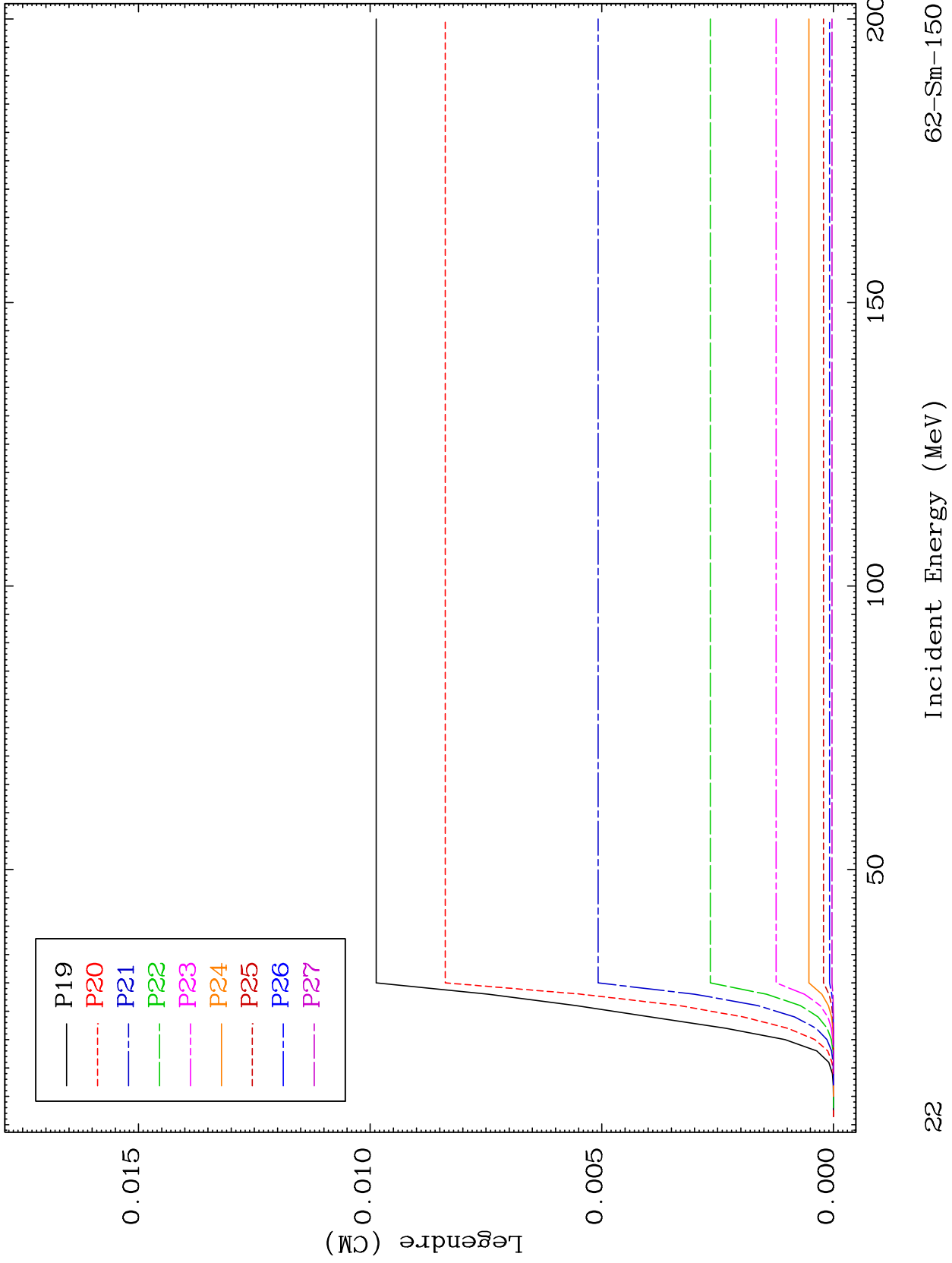
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

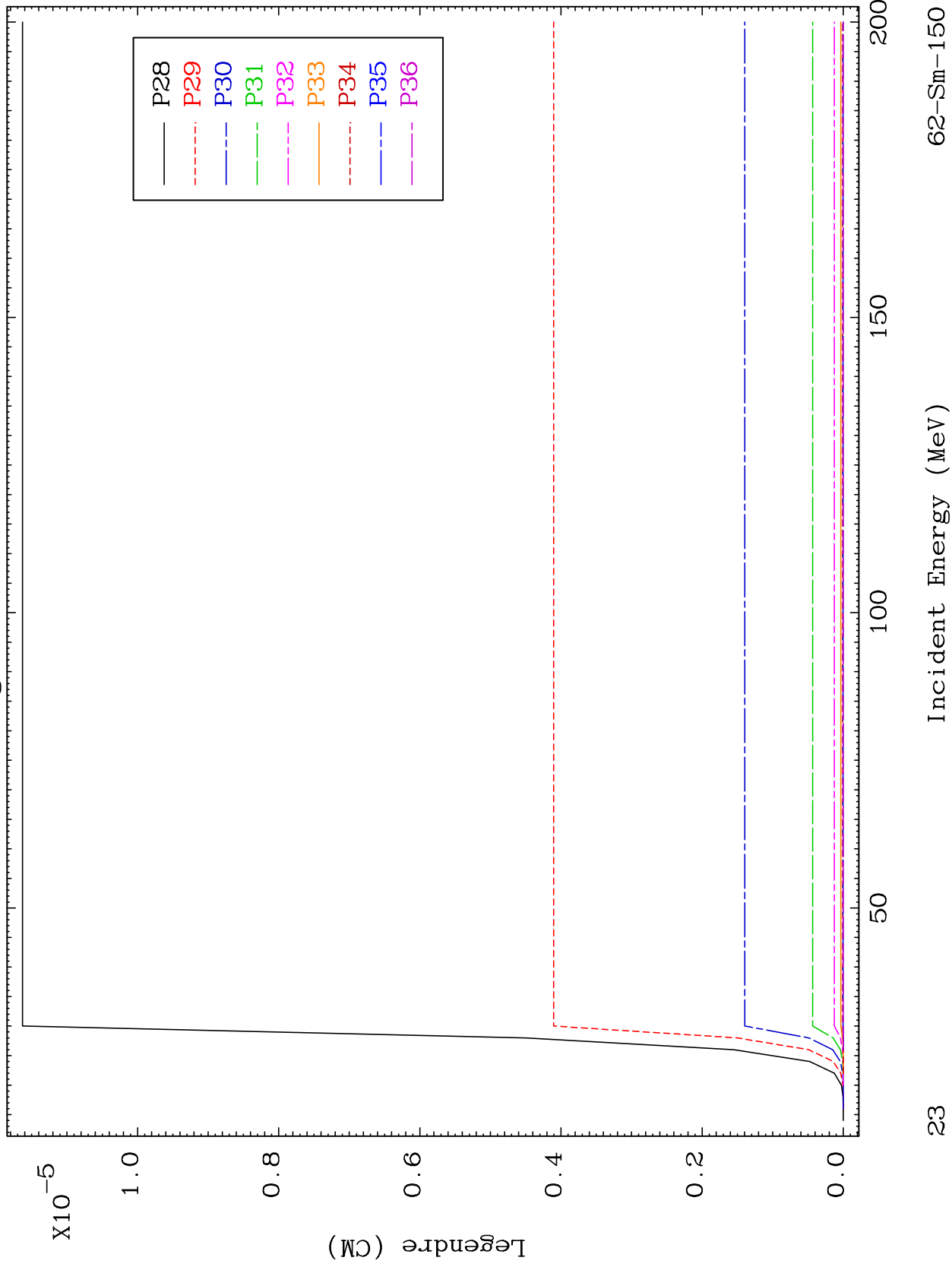
62-Sm-150



MAT 6243

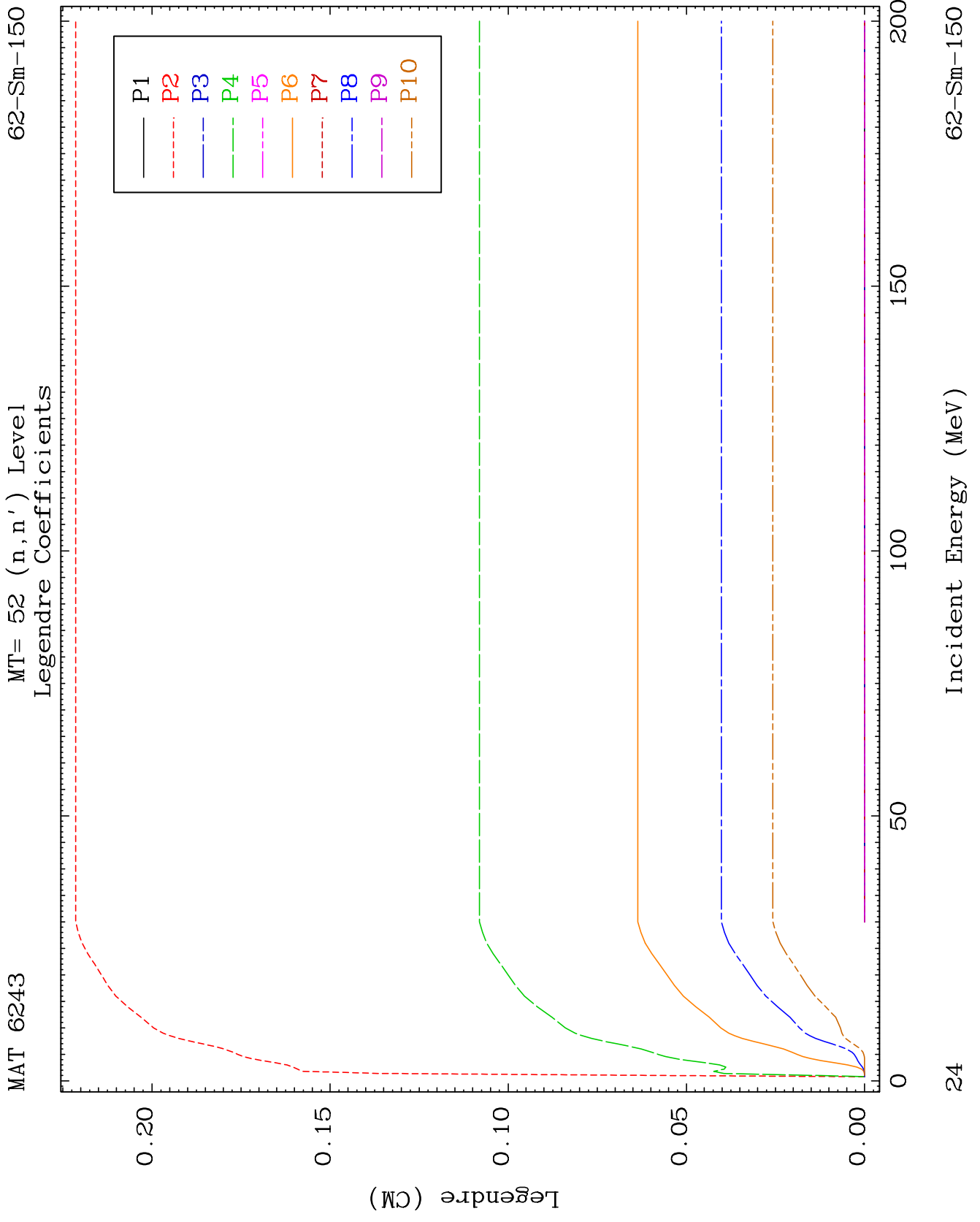
MT= 51 (n,n') Level
Legendre Coefficients

62-Sm-150



23

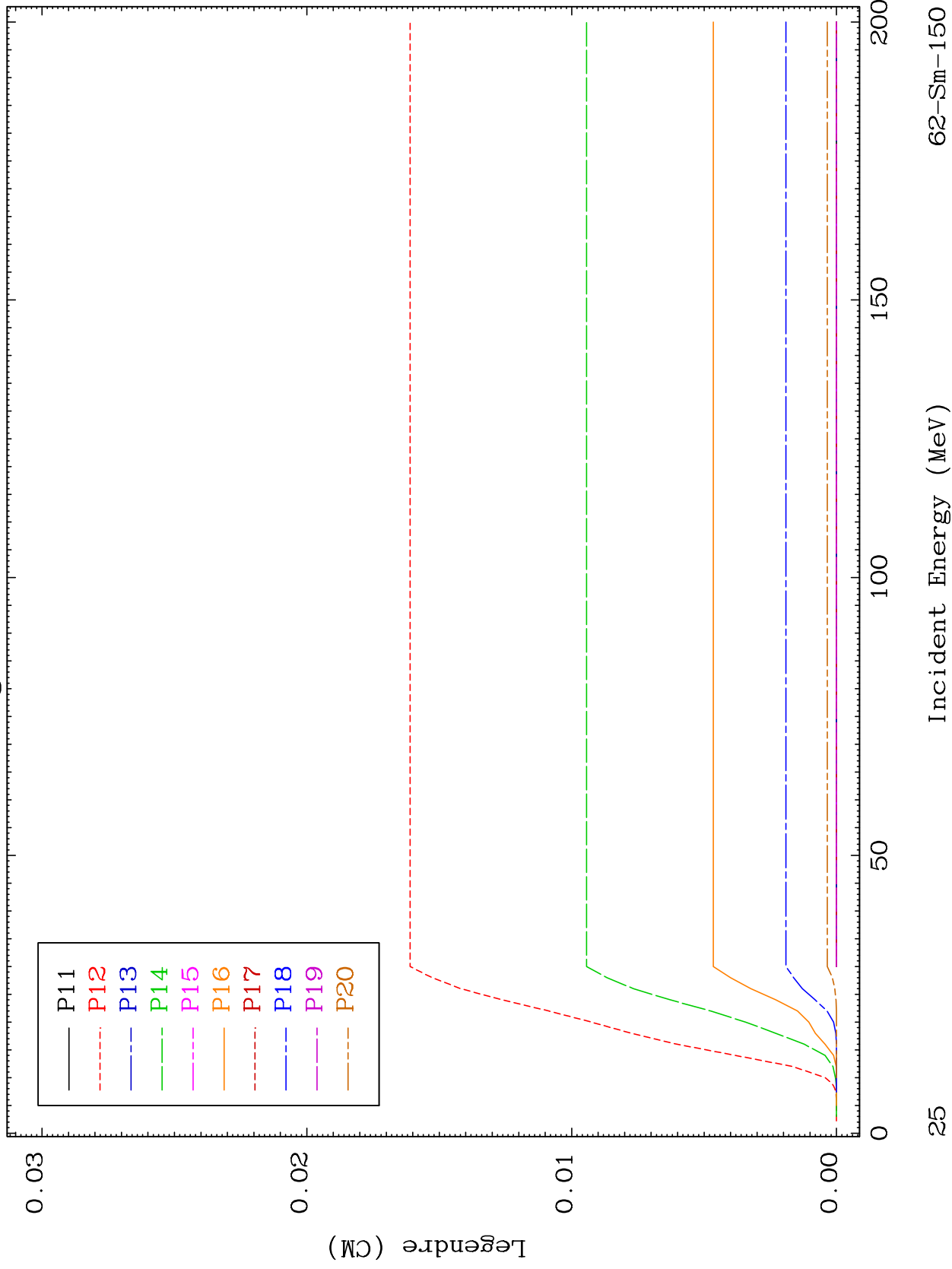
62-Sm-150



MAT 6243

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

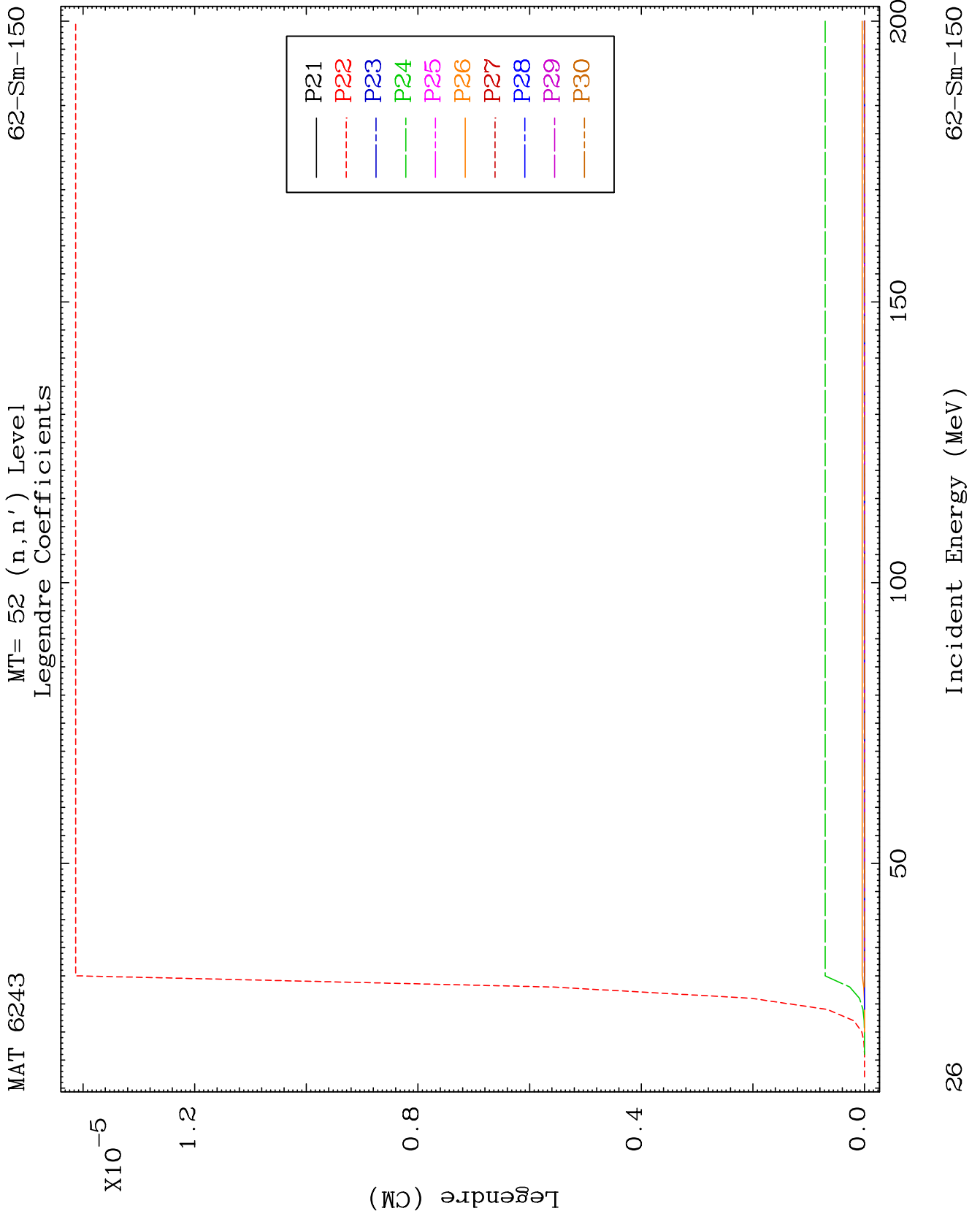
62-Sm-150



62-Sm-150

Incident Energy (MeV)

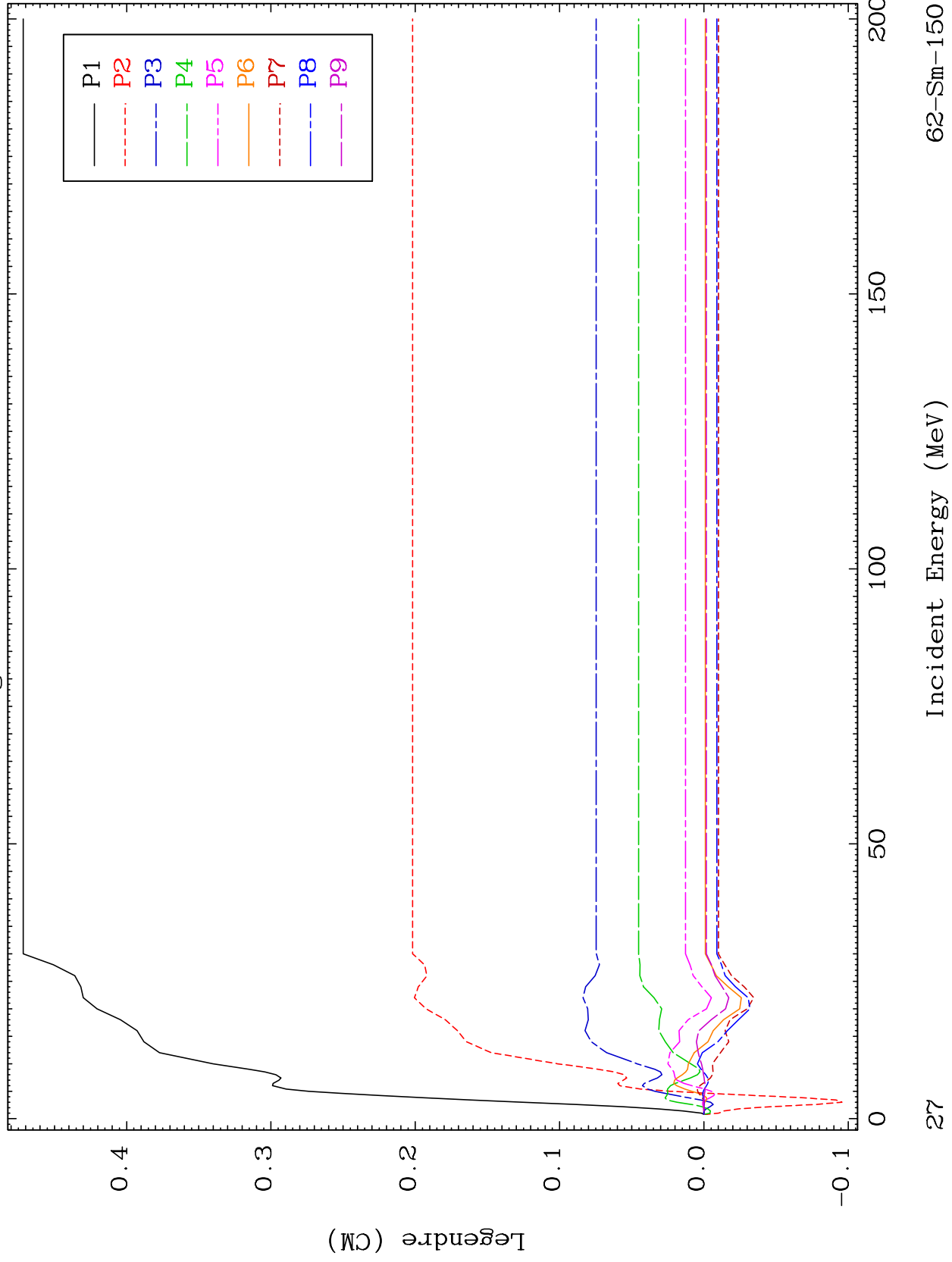
25



MAT 6243

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

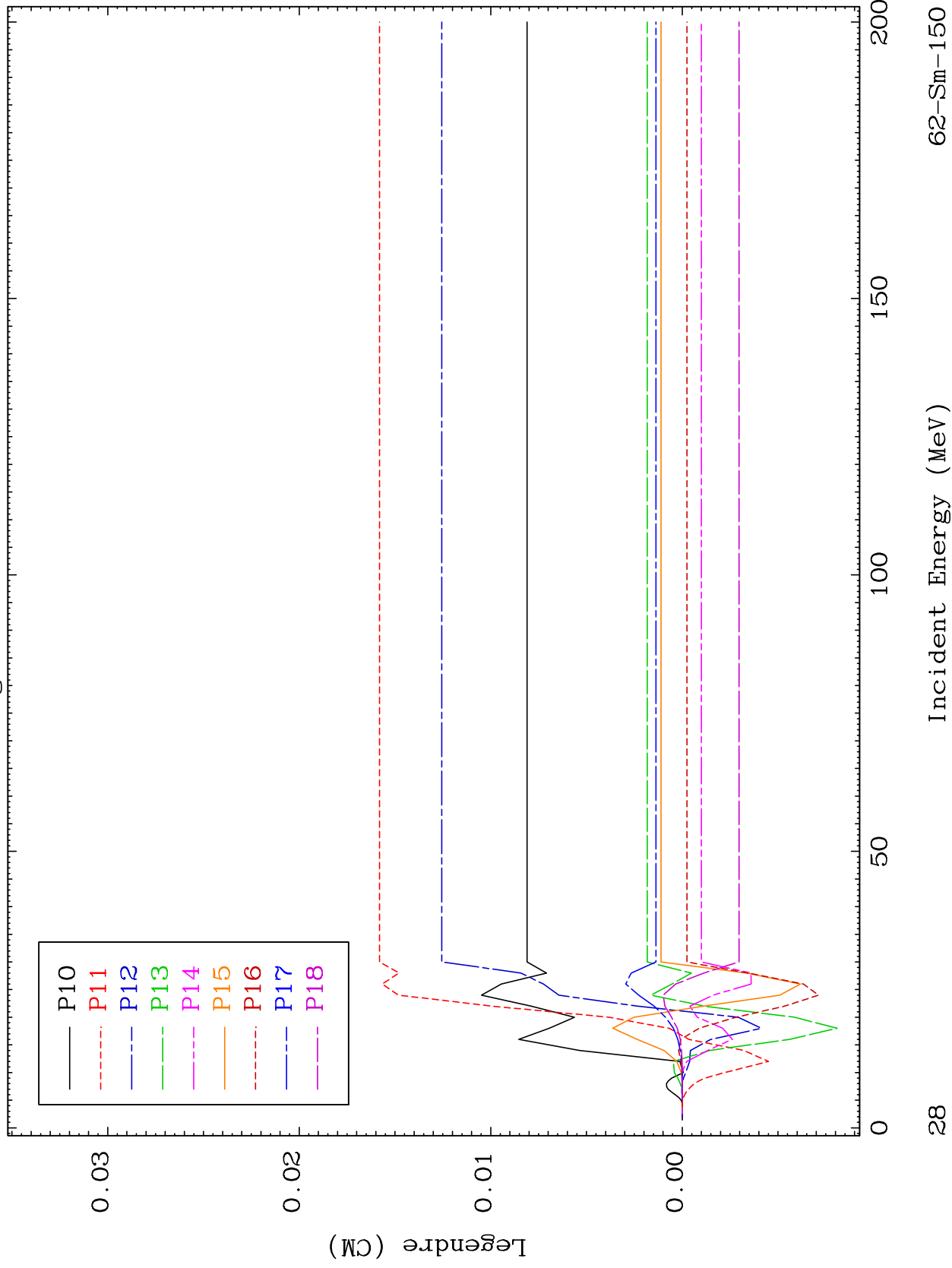
62-Sm-150



MAT 6243

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

62-Sm-150



28

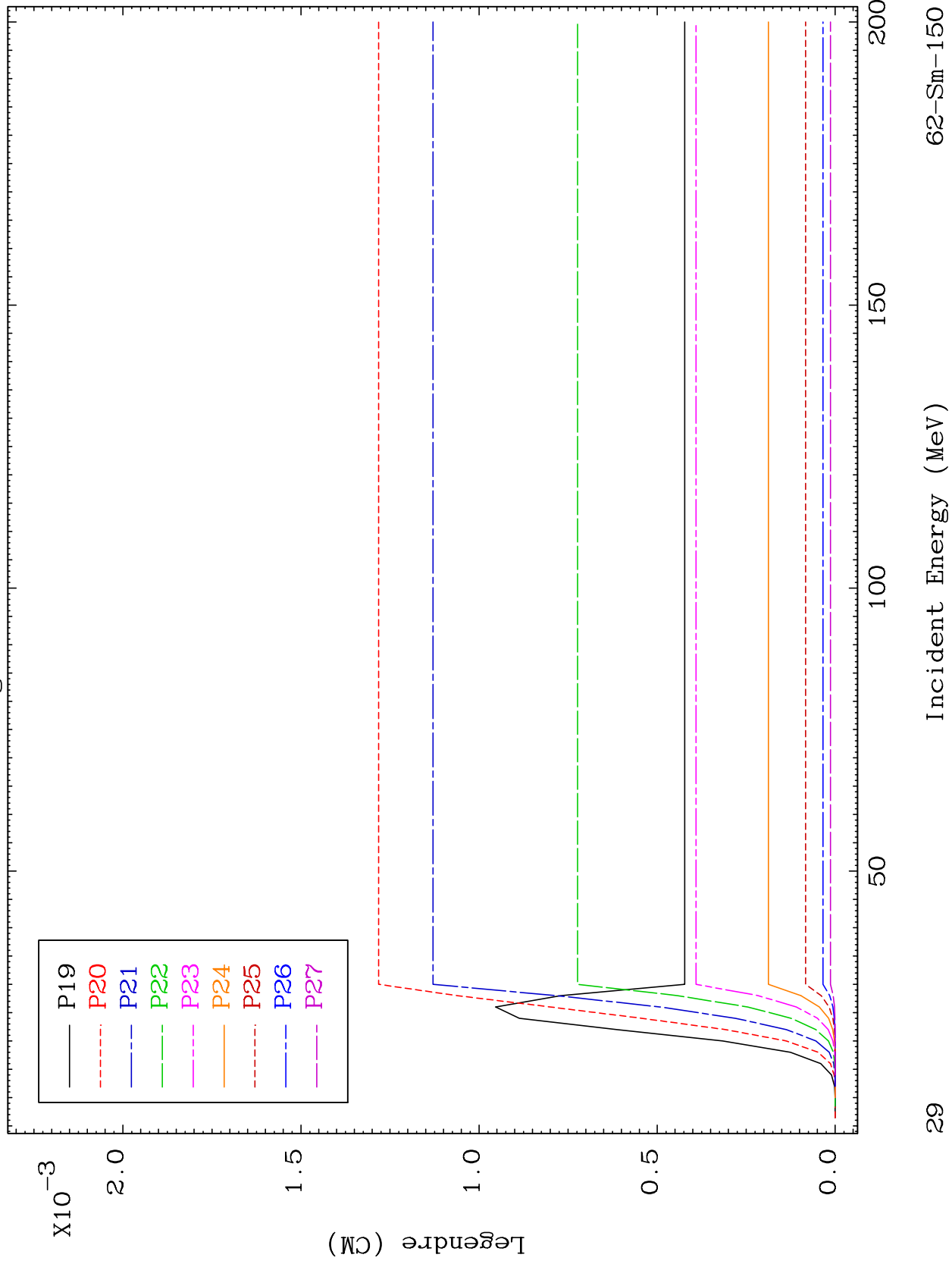
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150

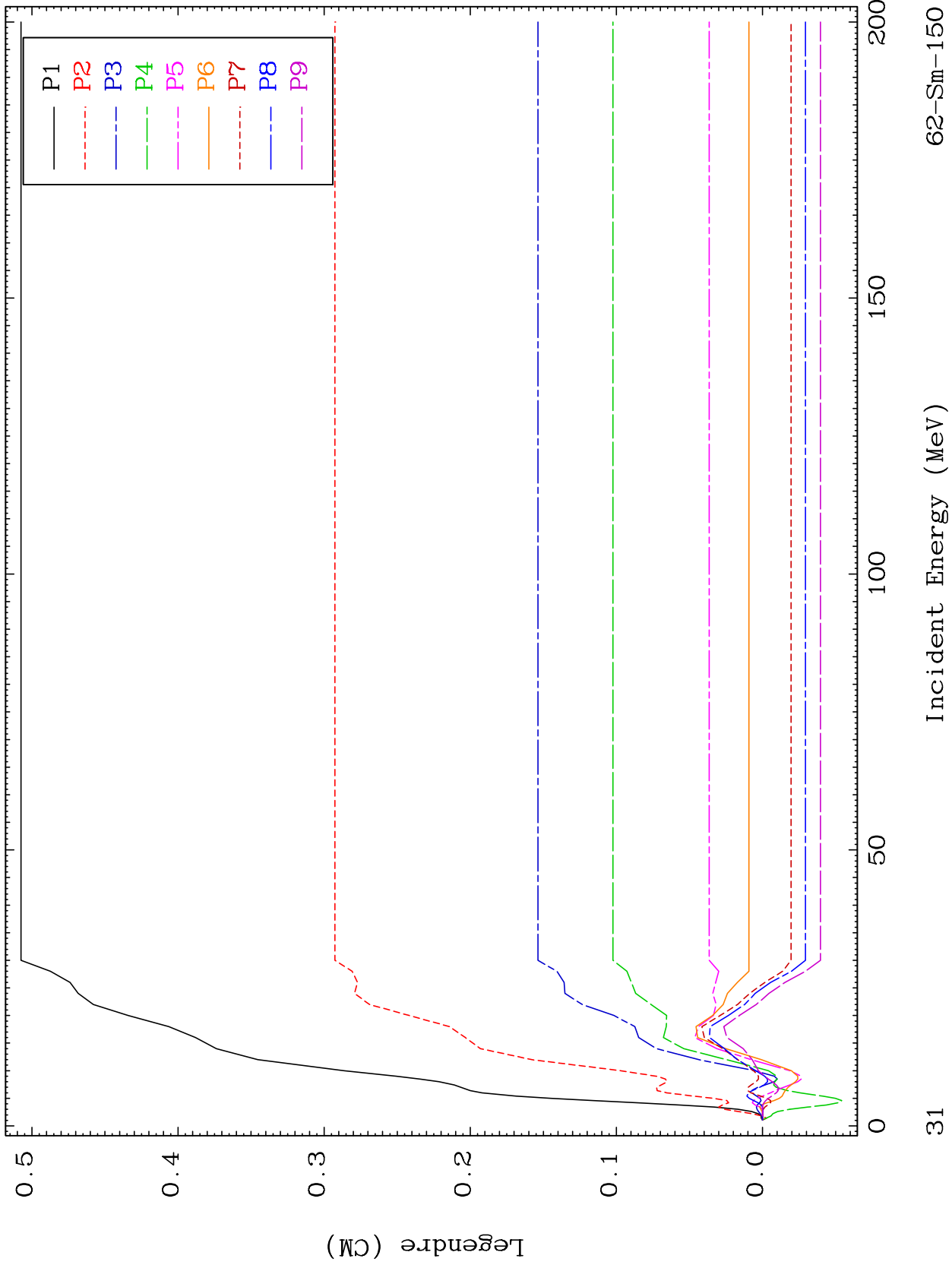


29

MAT 6243

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

62-Sm-150

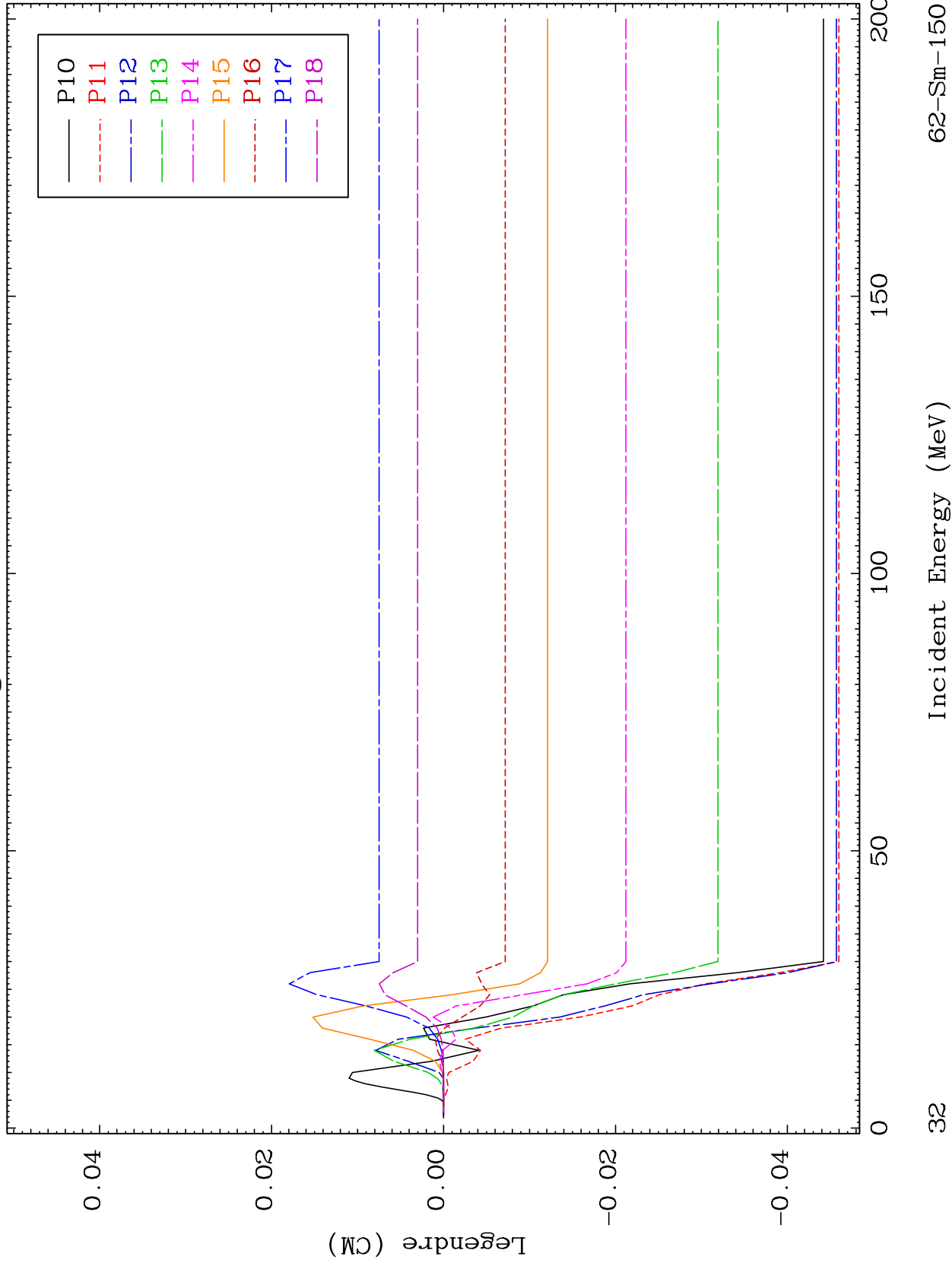


31

MAT 6243

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

62-Sm-150



32

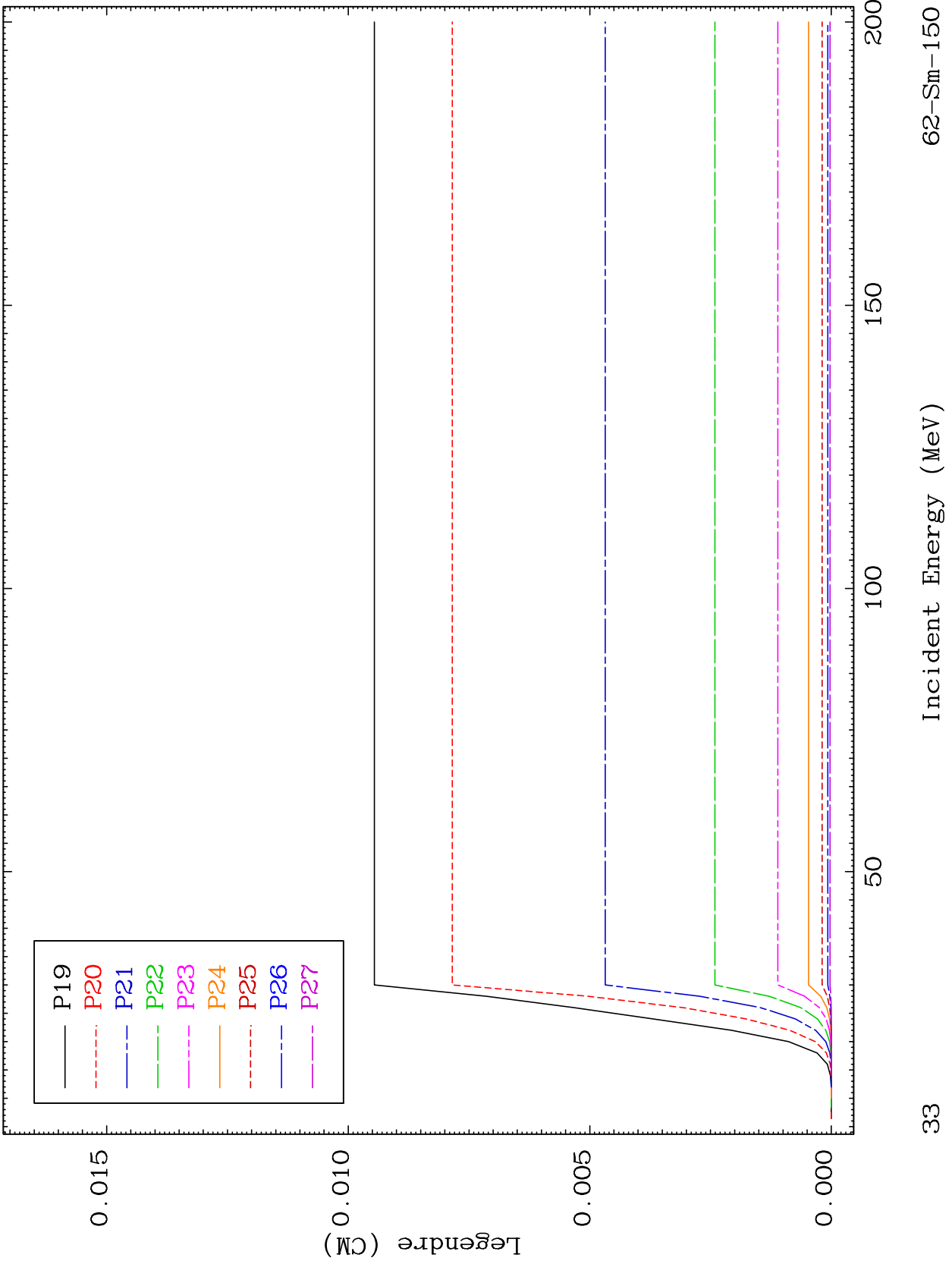
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

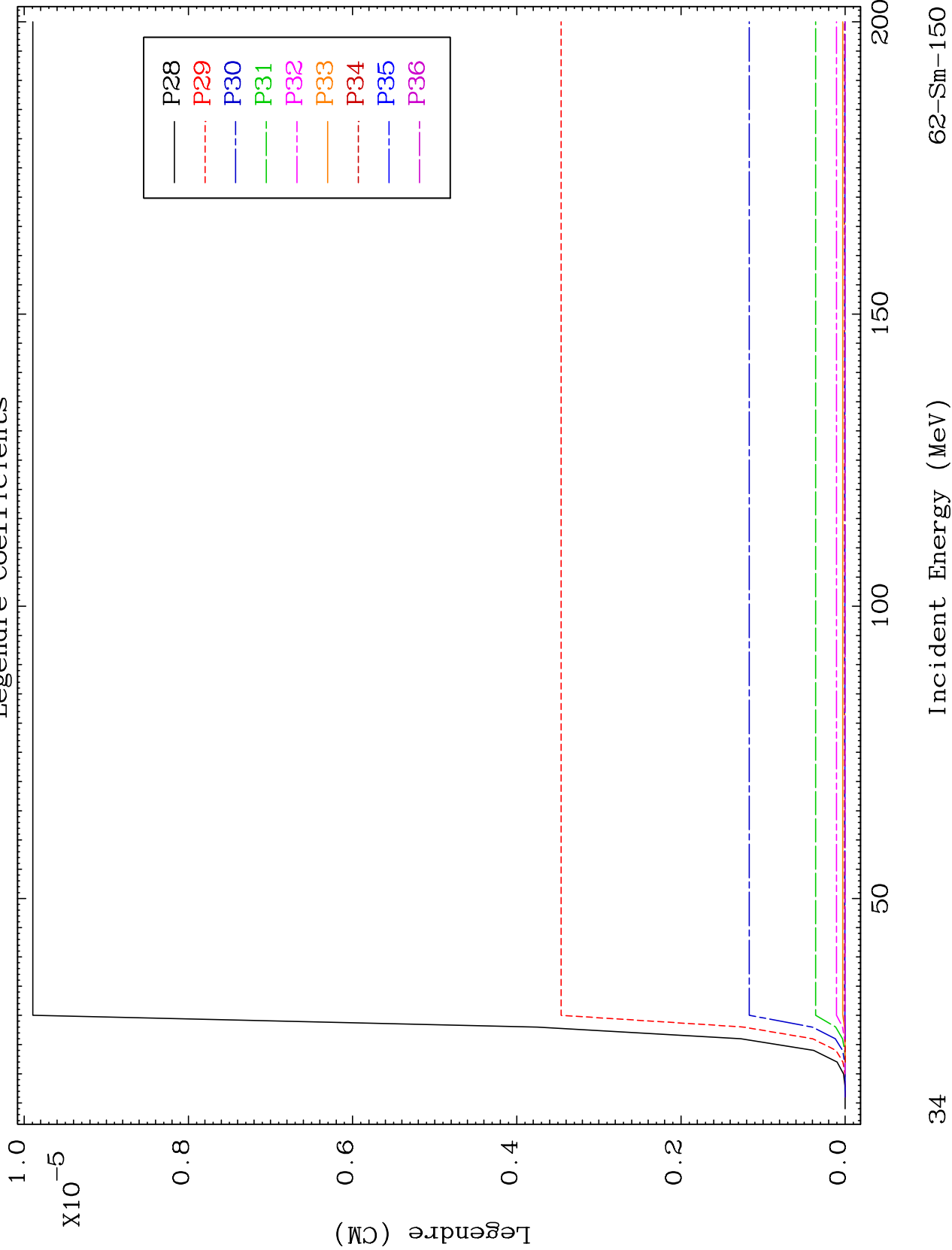
62-Sm-150



MAT 6243

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

62-Sm-150



34

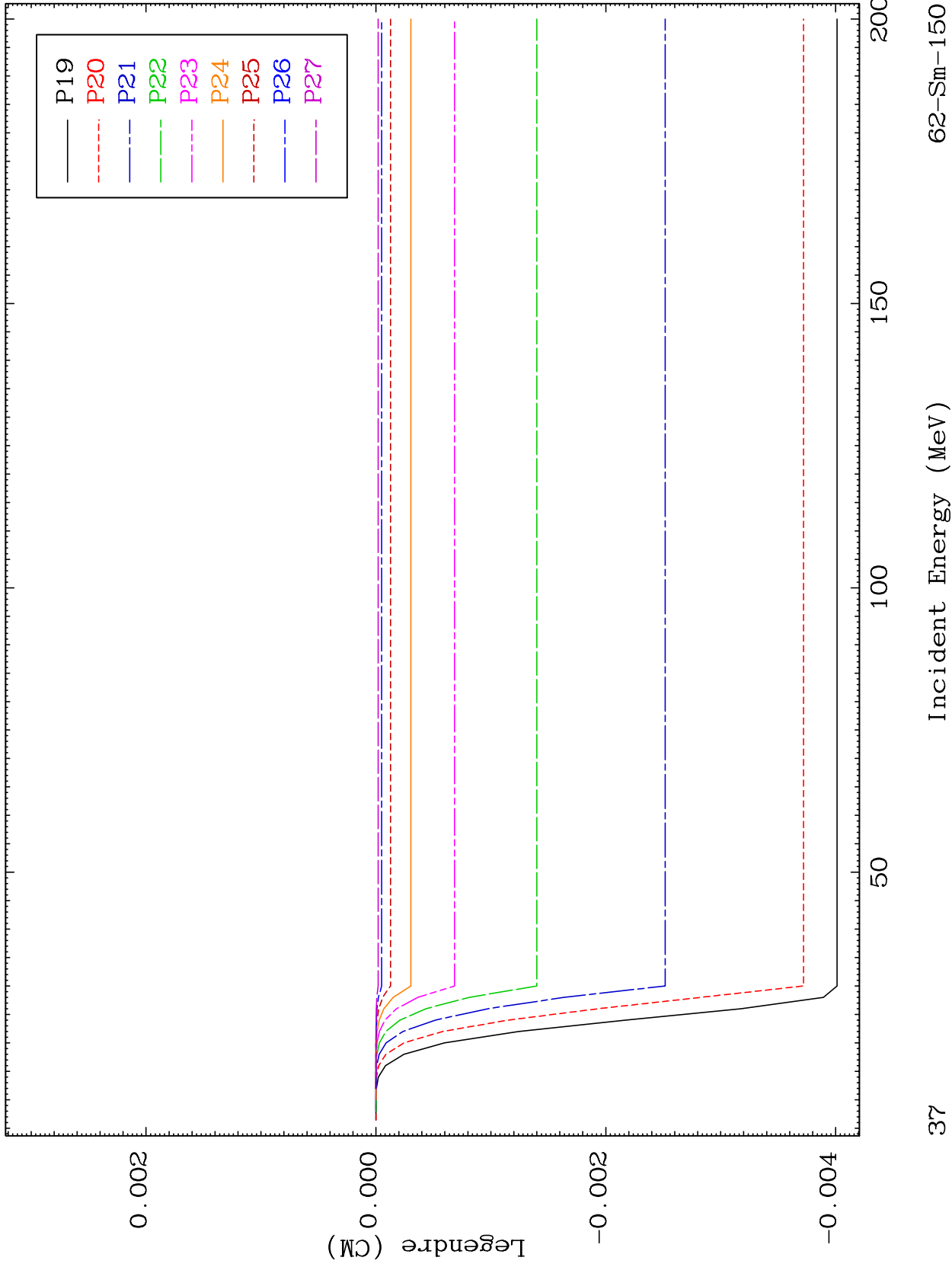
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

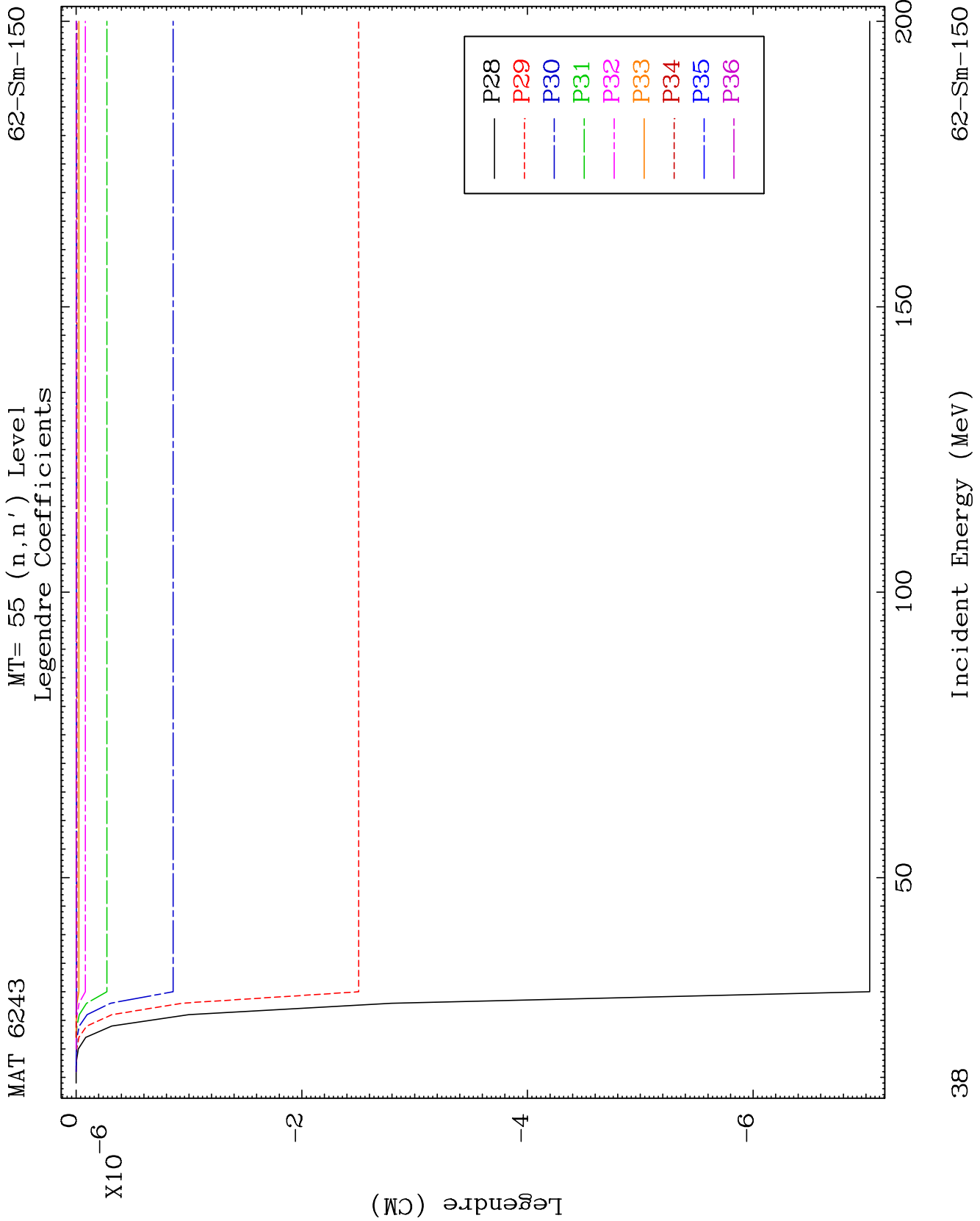
62-Sm-150



37

Incident Energy (MeV)

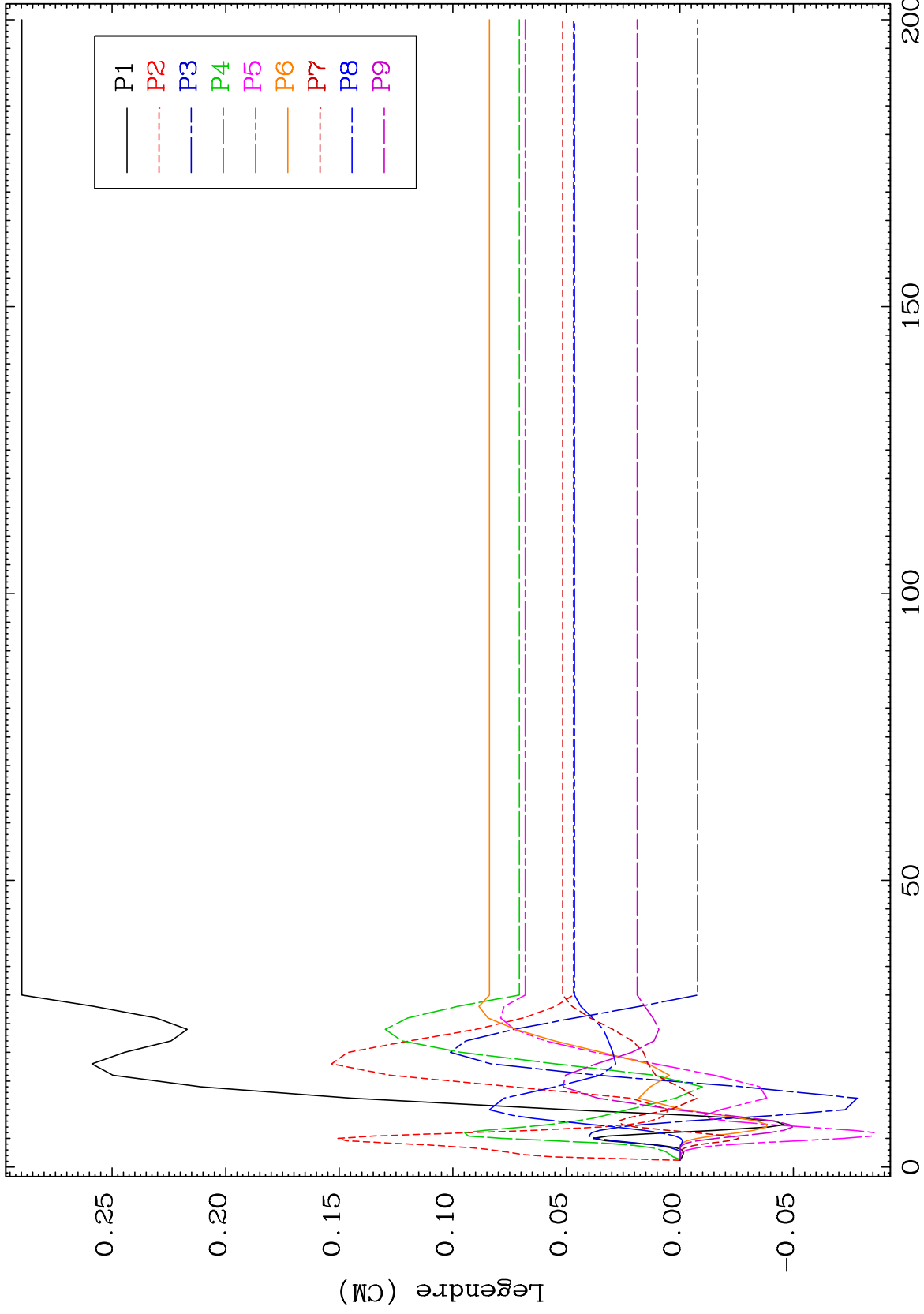
62-Sm-150



MAT 6243

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

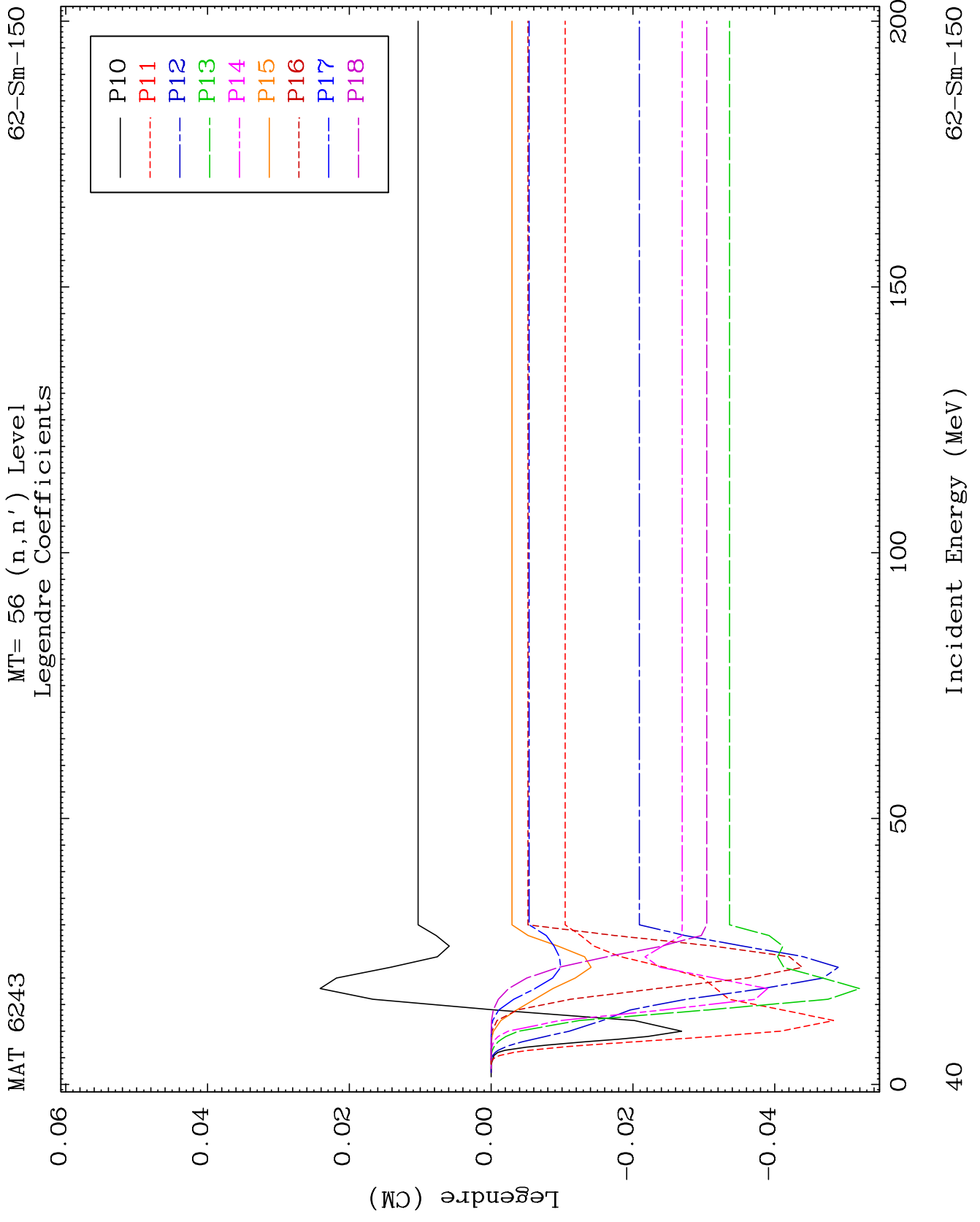
62-Sm-150



39

Incident Energy (MeV)

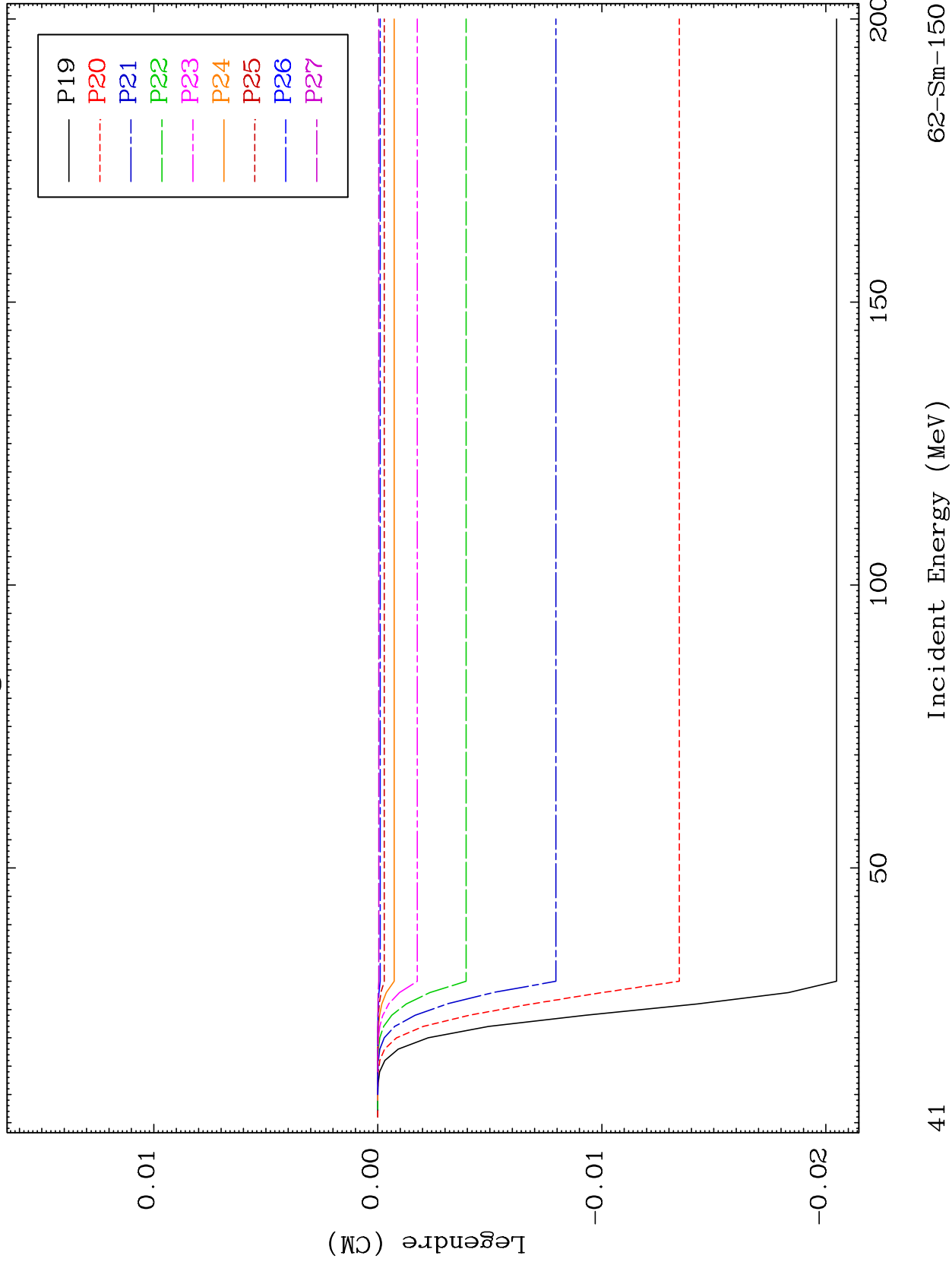
62-Sm-150



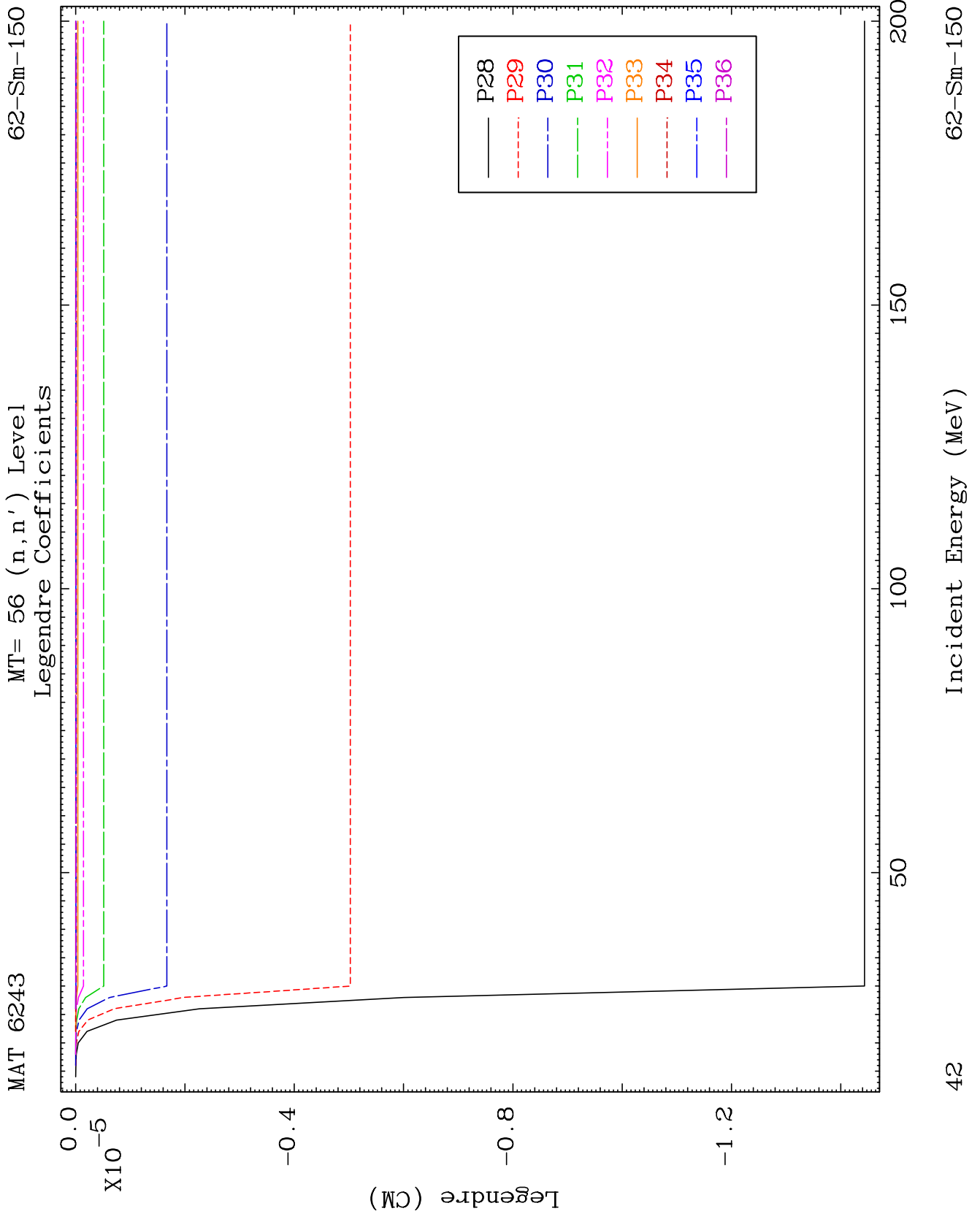
MAT 6243

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

62-Sm-150



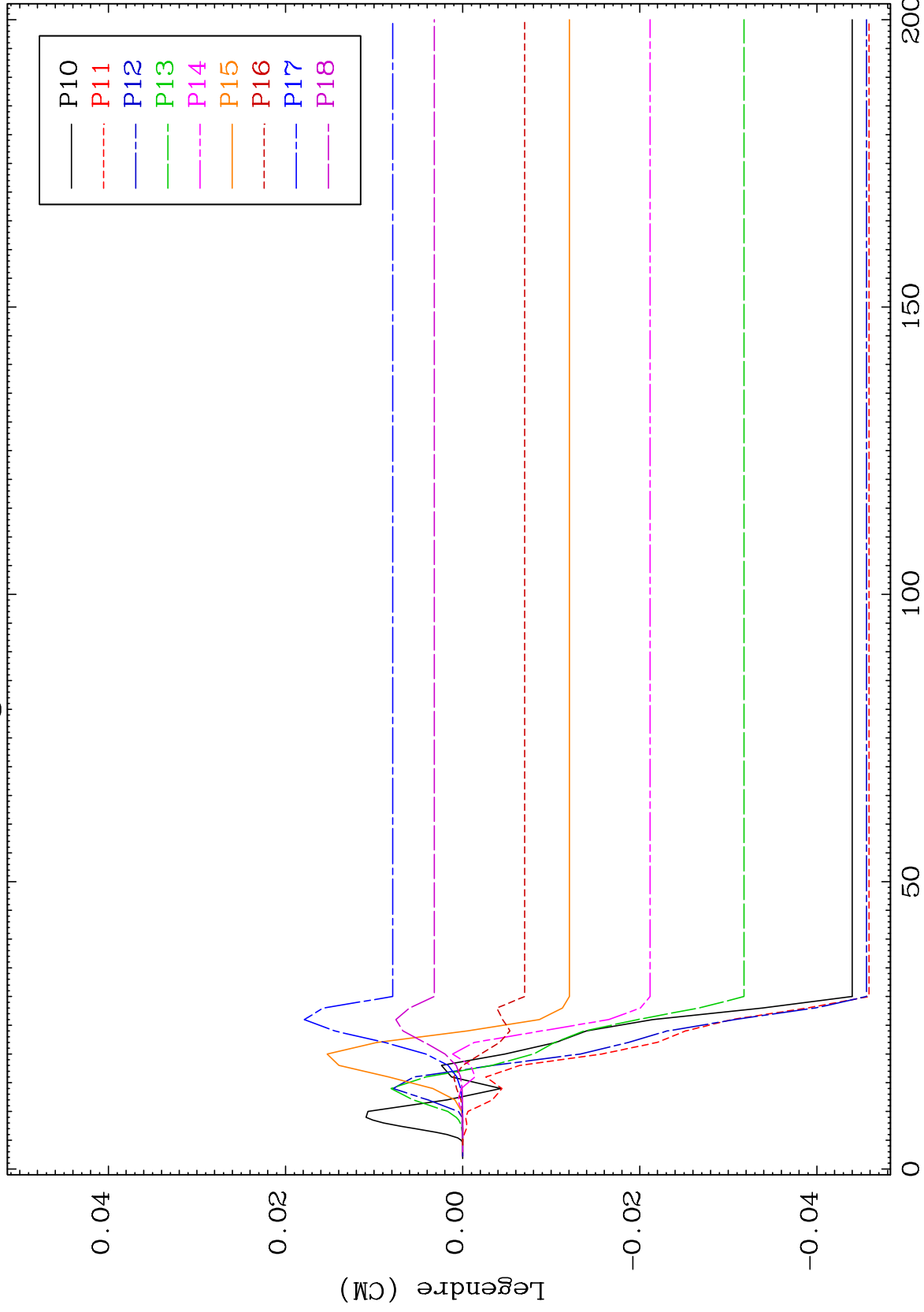
41



MAT 6243

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

62-Sm-150



44

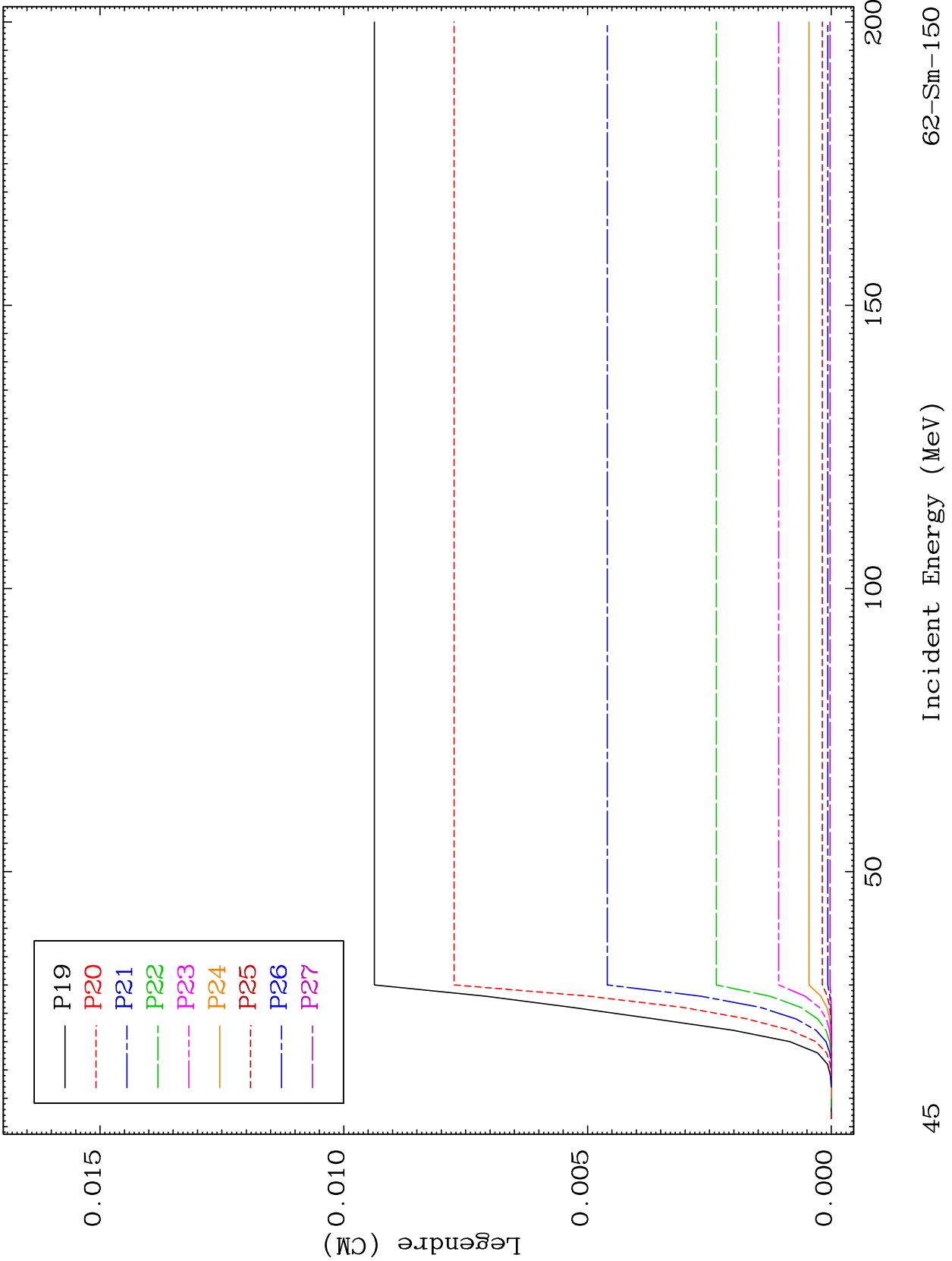
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



45

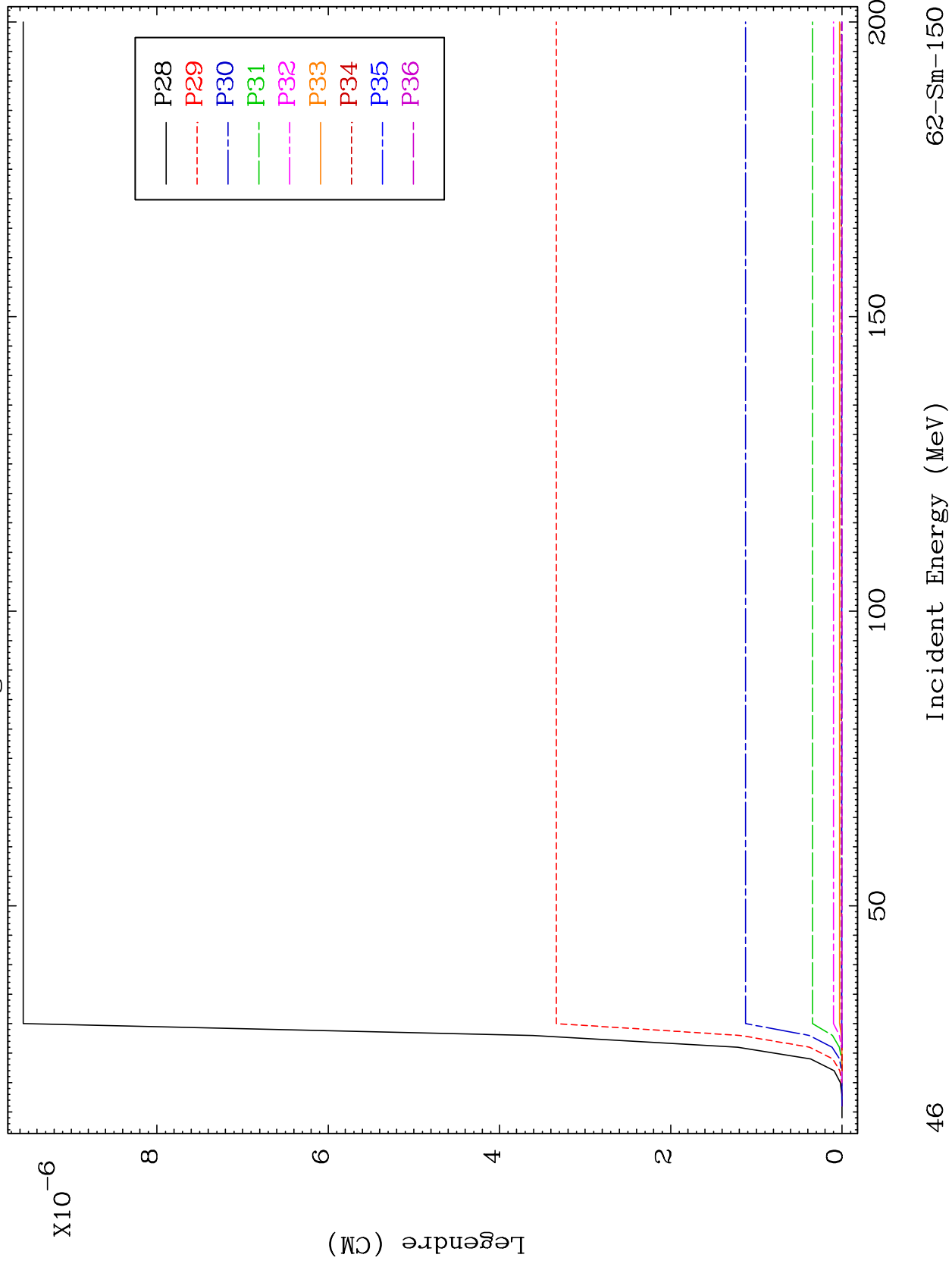
Incident Energy (MeV)

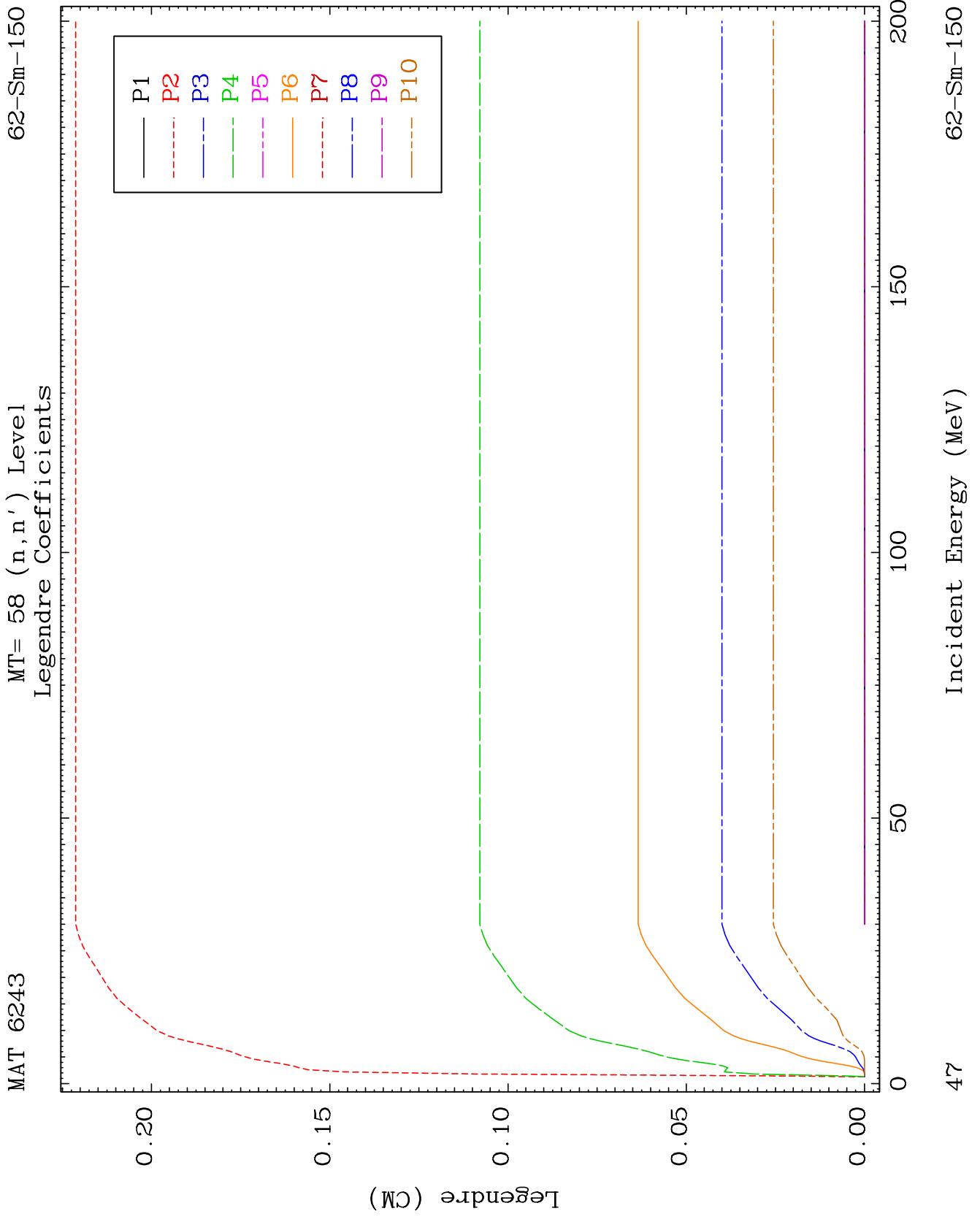
62-Sm-150

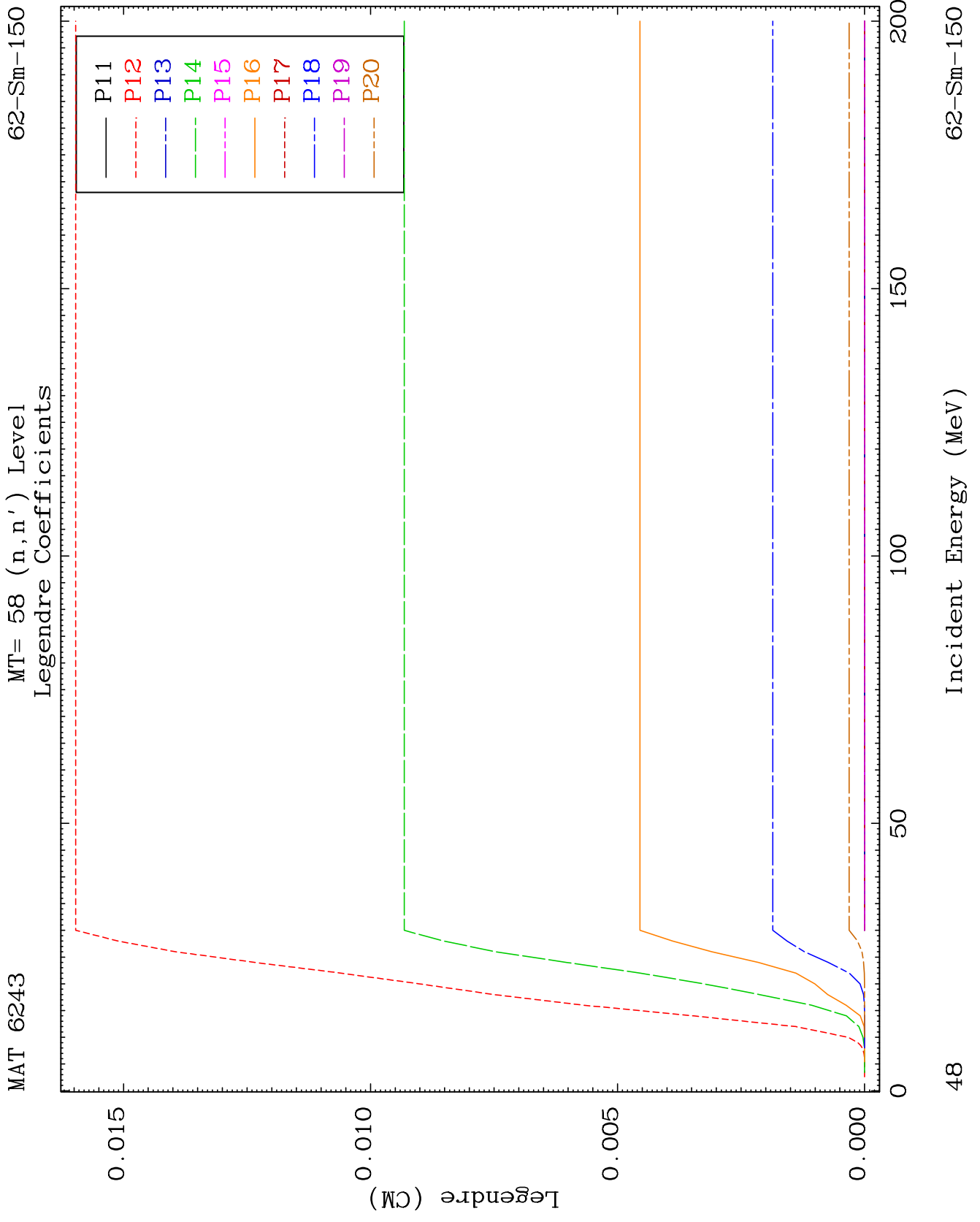
MAT 6243

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

62-Sm-150



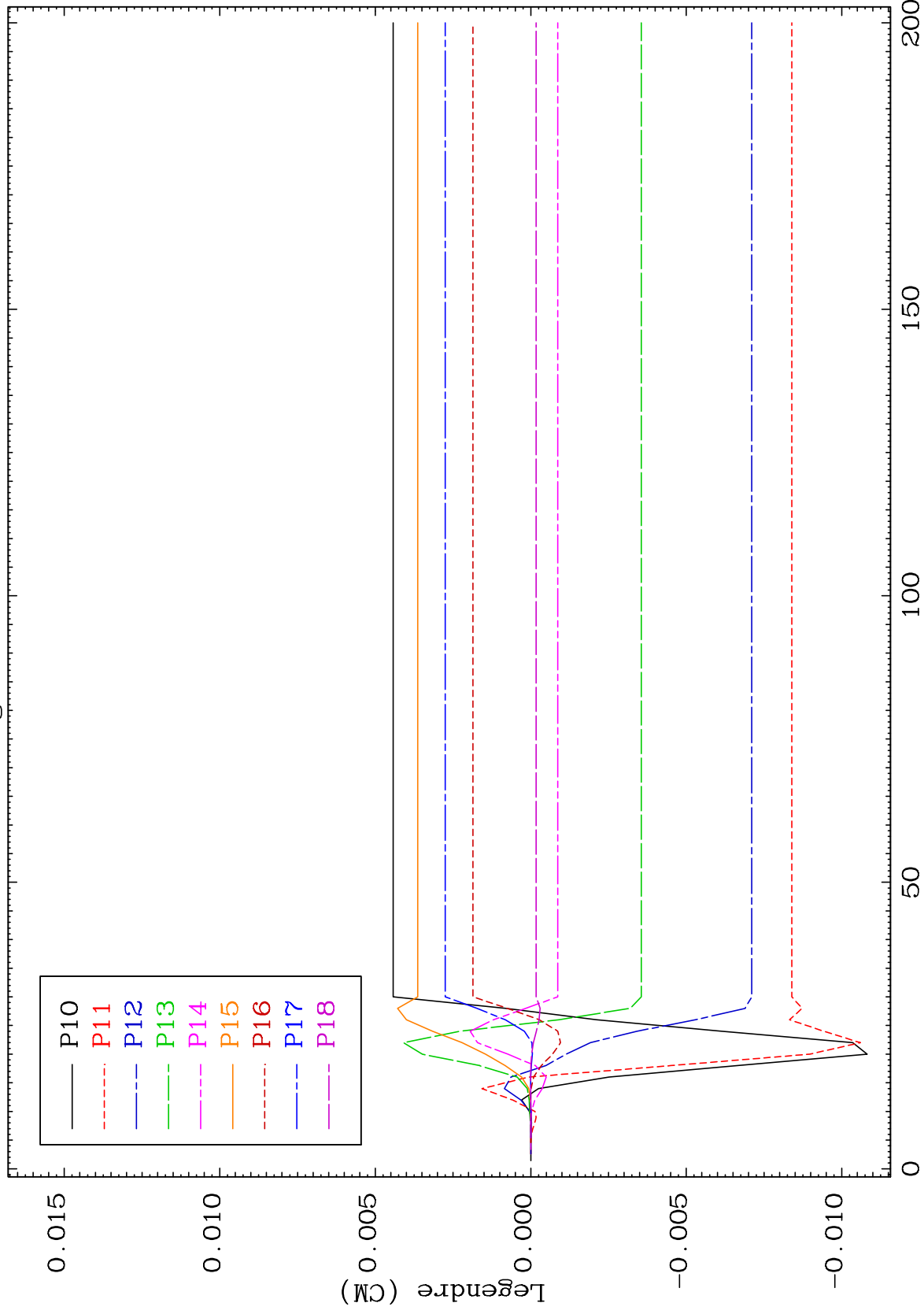




MAT 6243

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

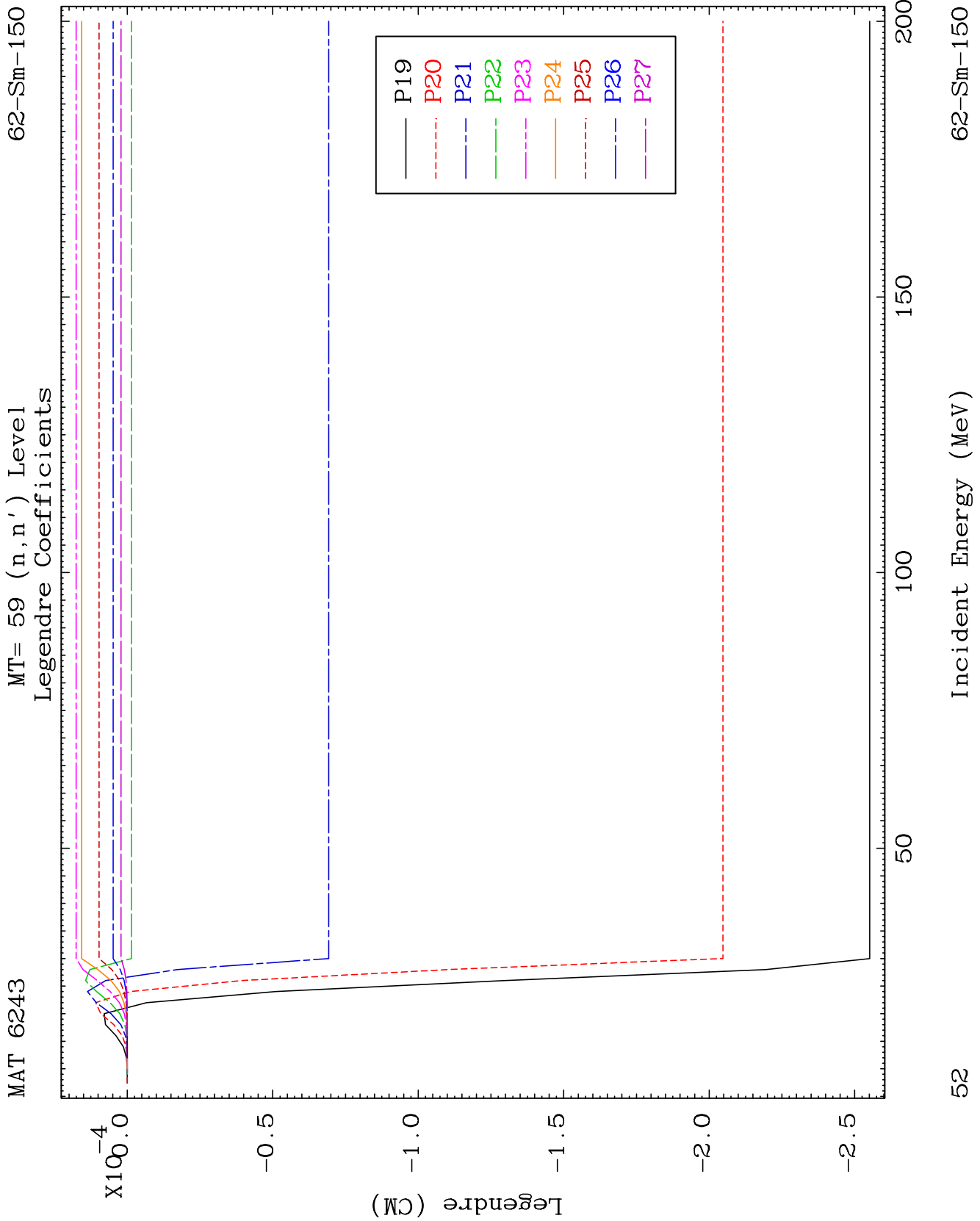
62-Sm-150



51

Incident Energy (MeV)

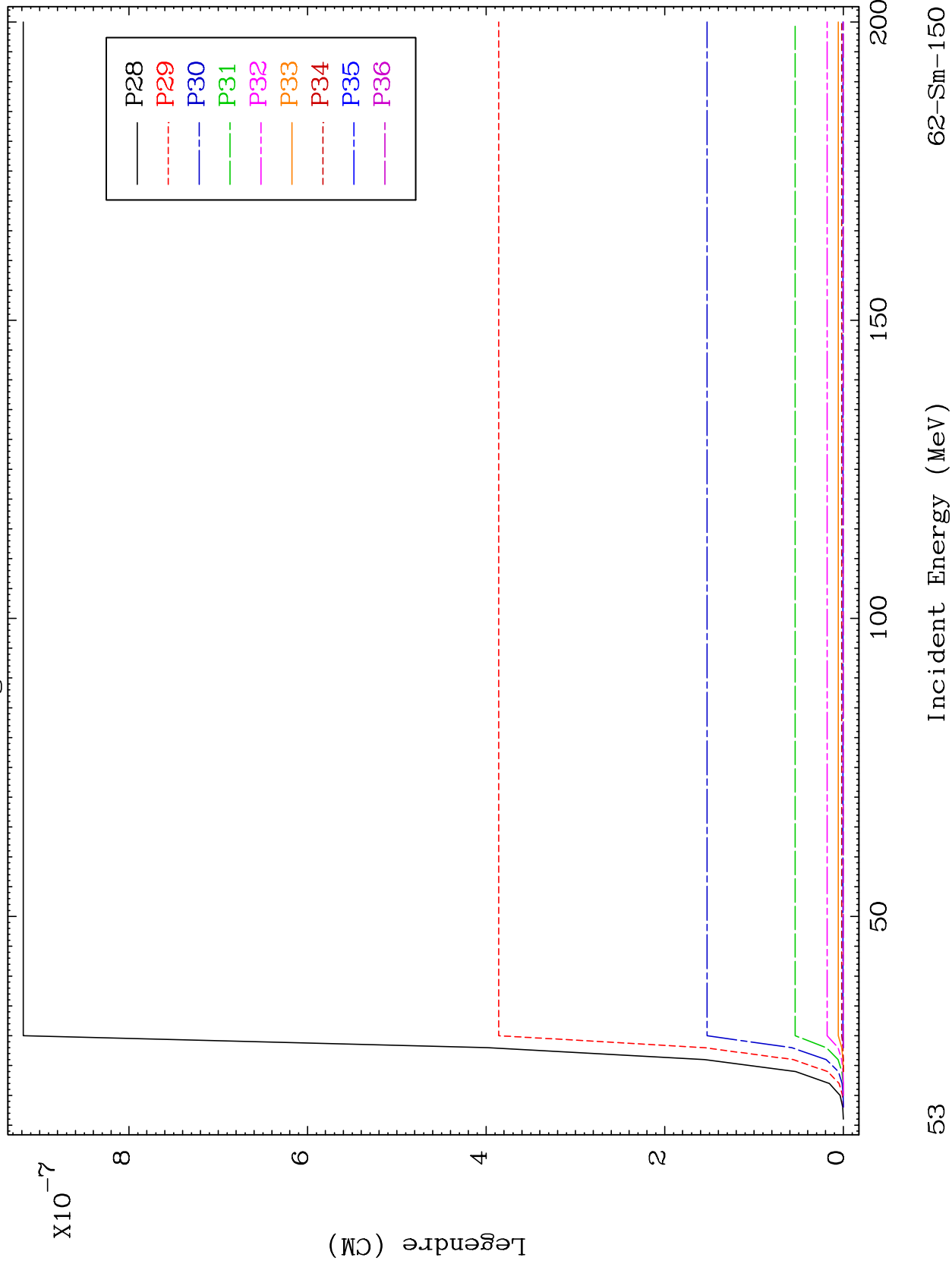
62-Sm-150



MAT 6243

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

62-Sm-150



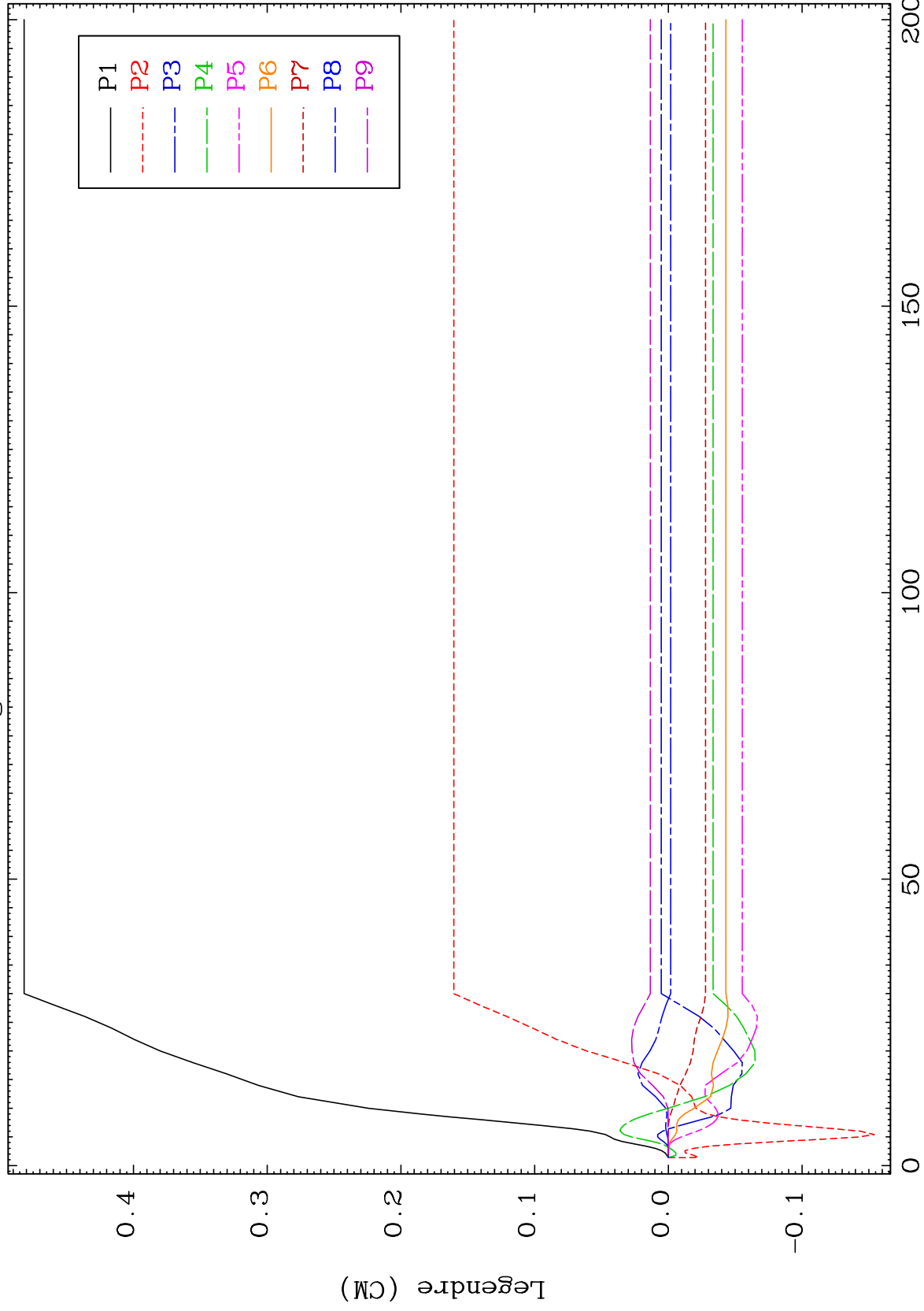
53

62-Sm-150

MAT 6243

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

62-Sm-150



54

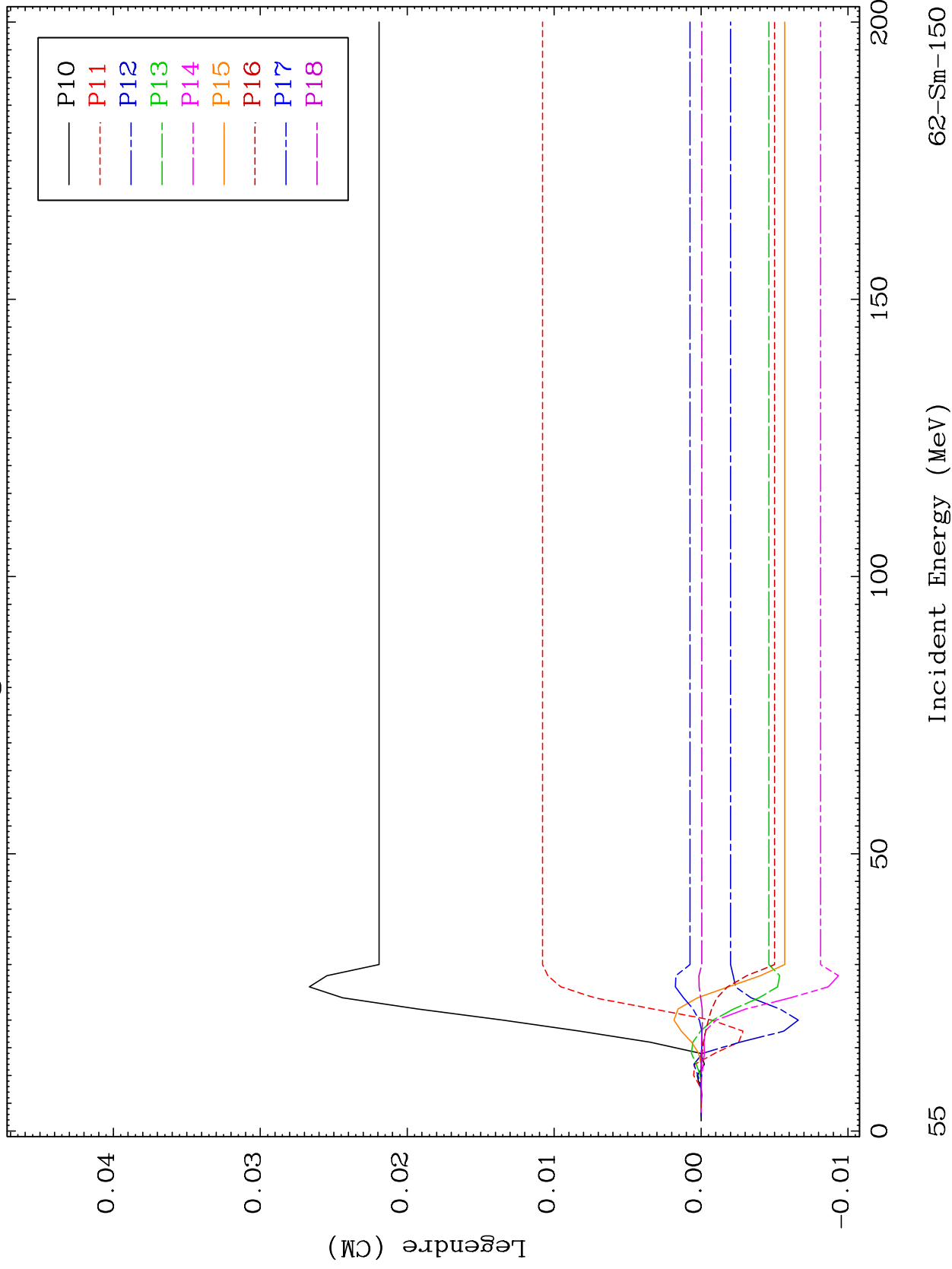
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

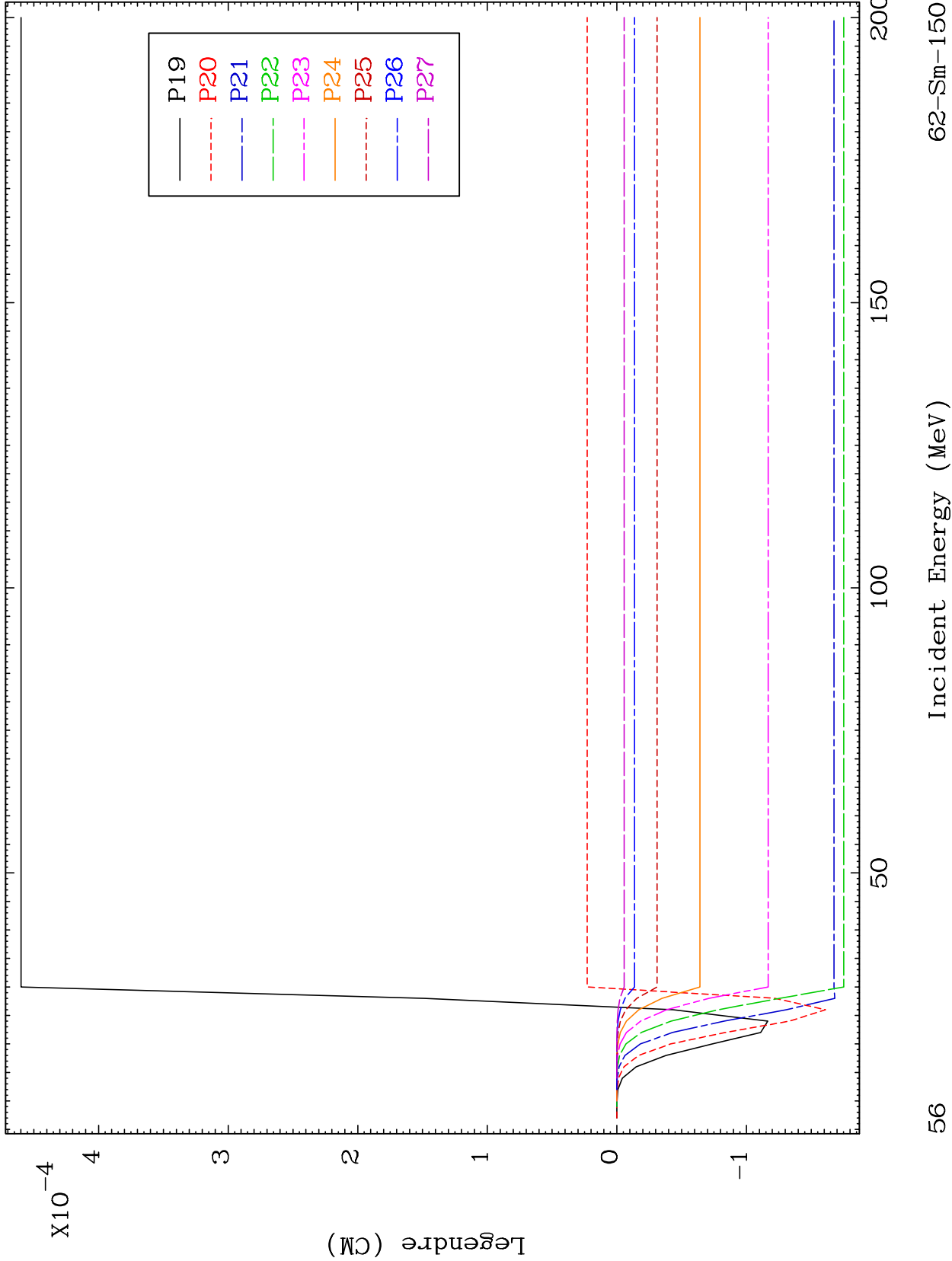
Incident Energy (MeV)

55

MAT 6243

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

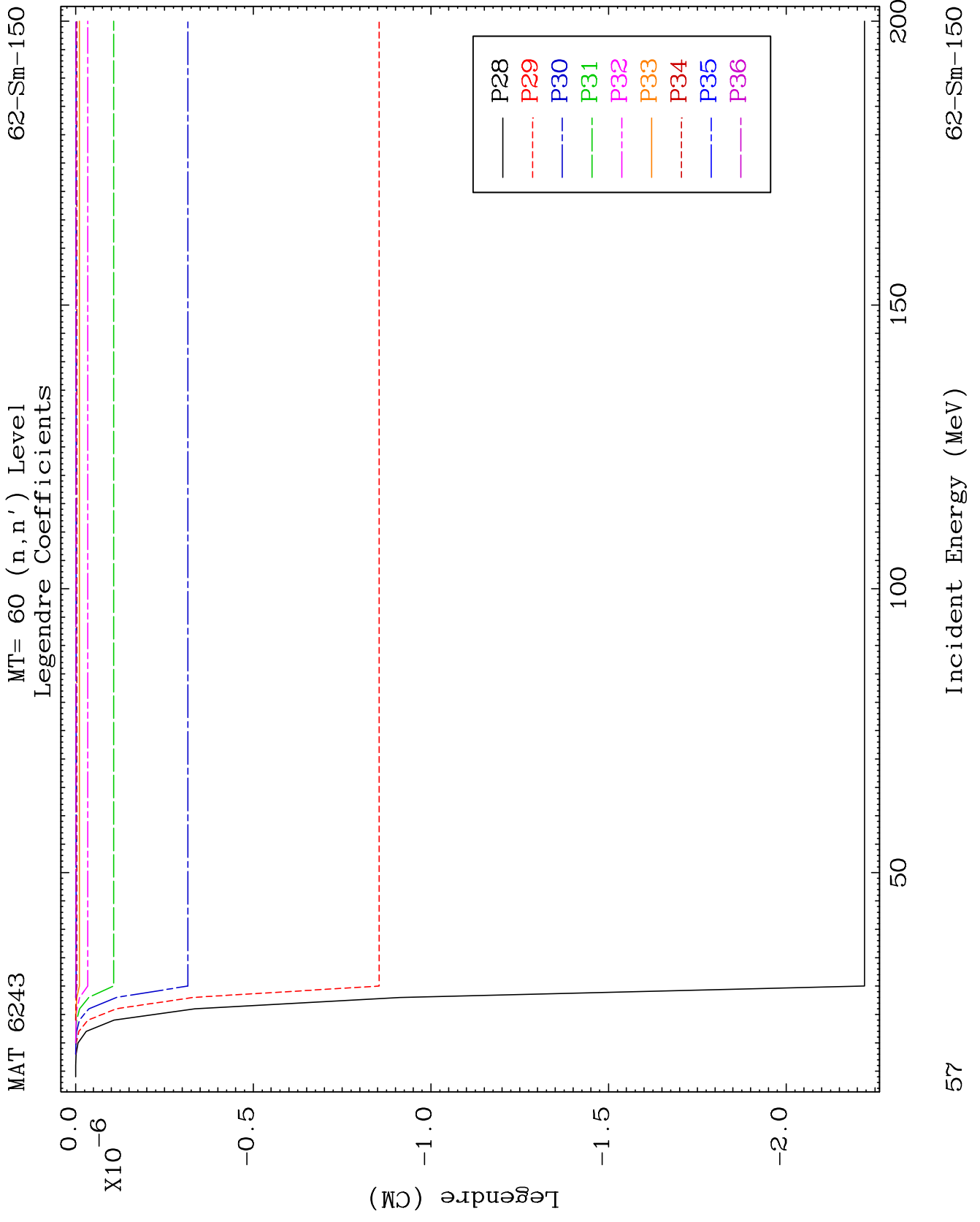
62-Sm-150

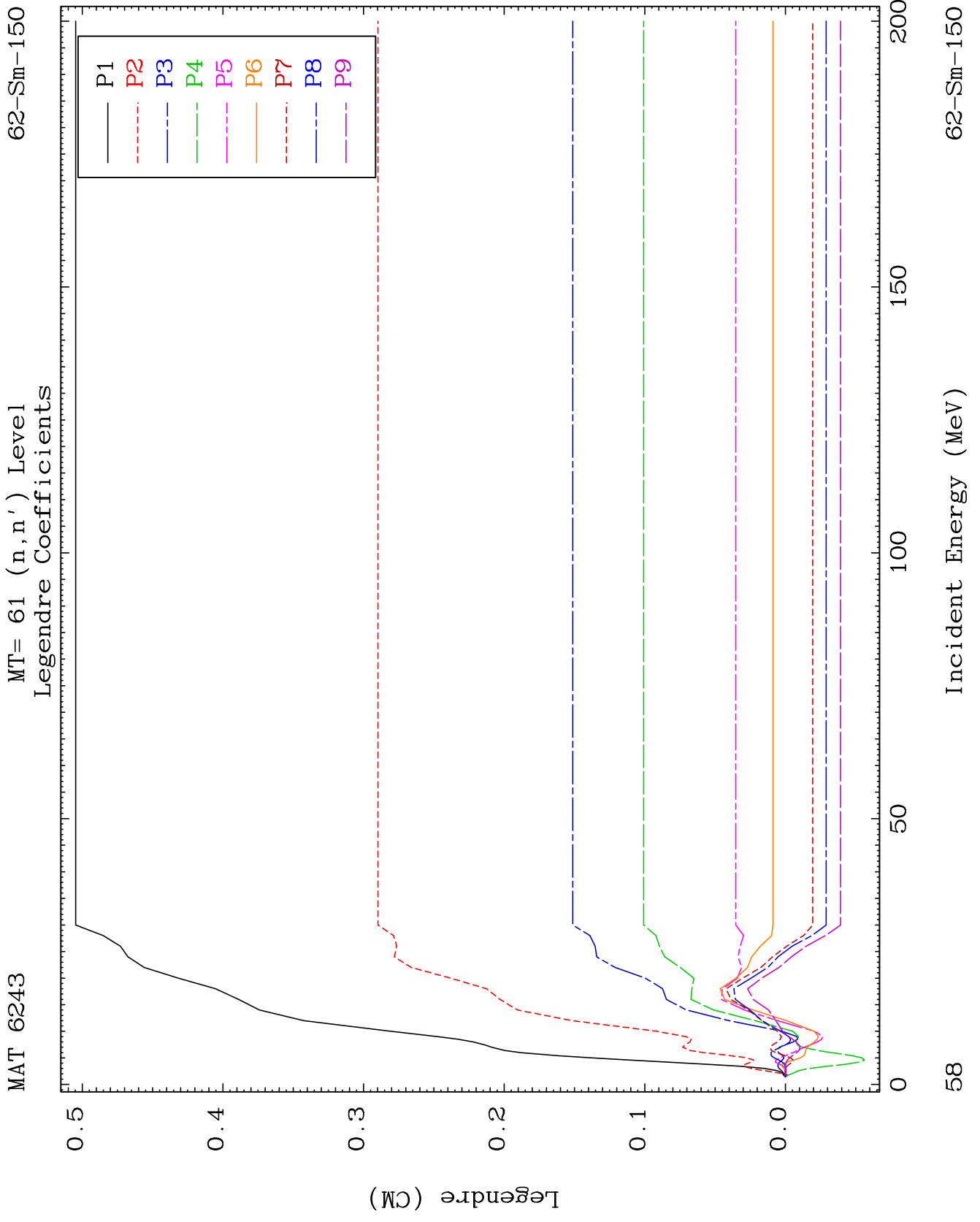


56

Incident Energy (MeV)

62-Sm-150

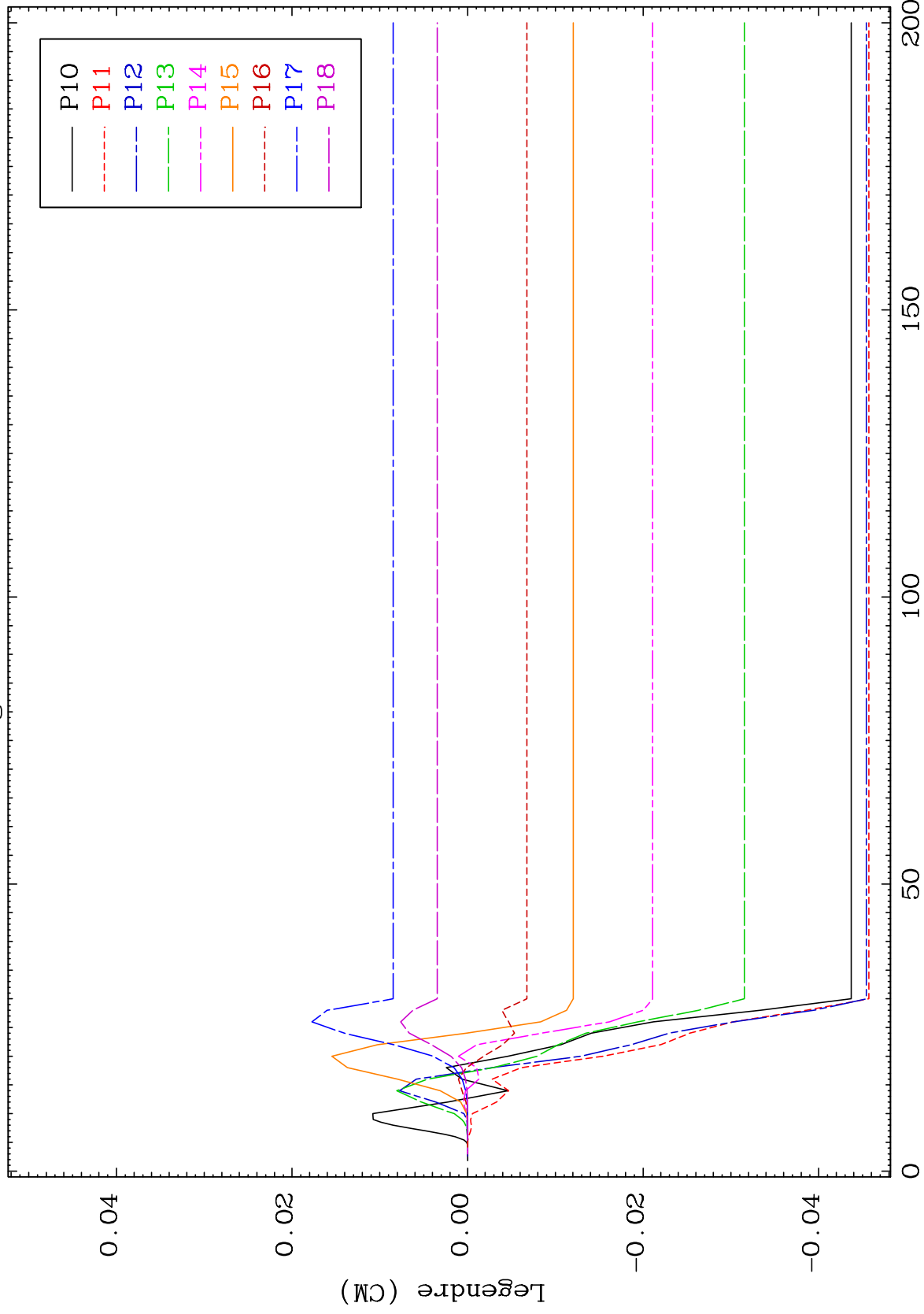




MAT 6243

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

62-Sm-150



59

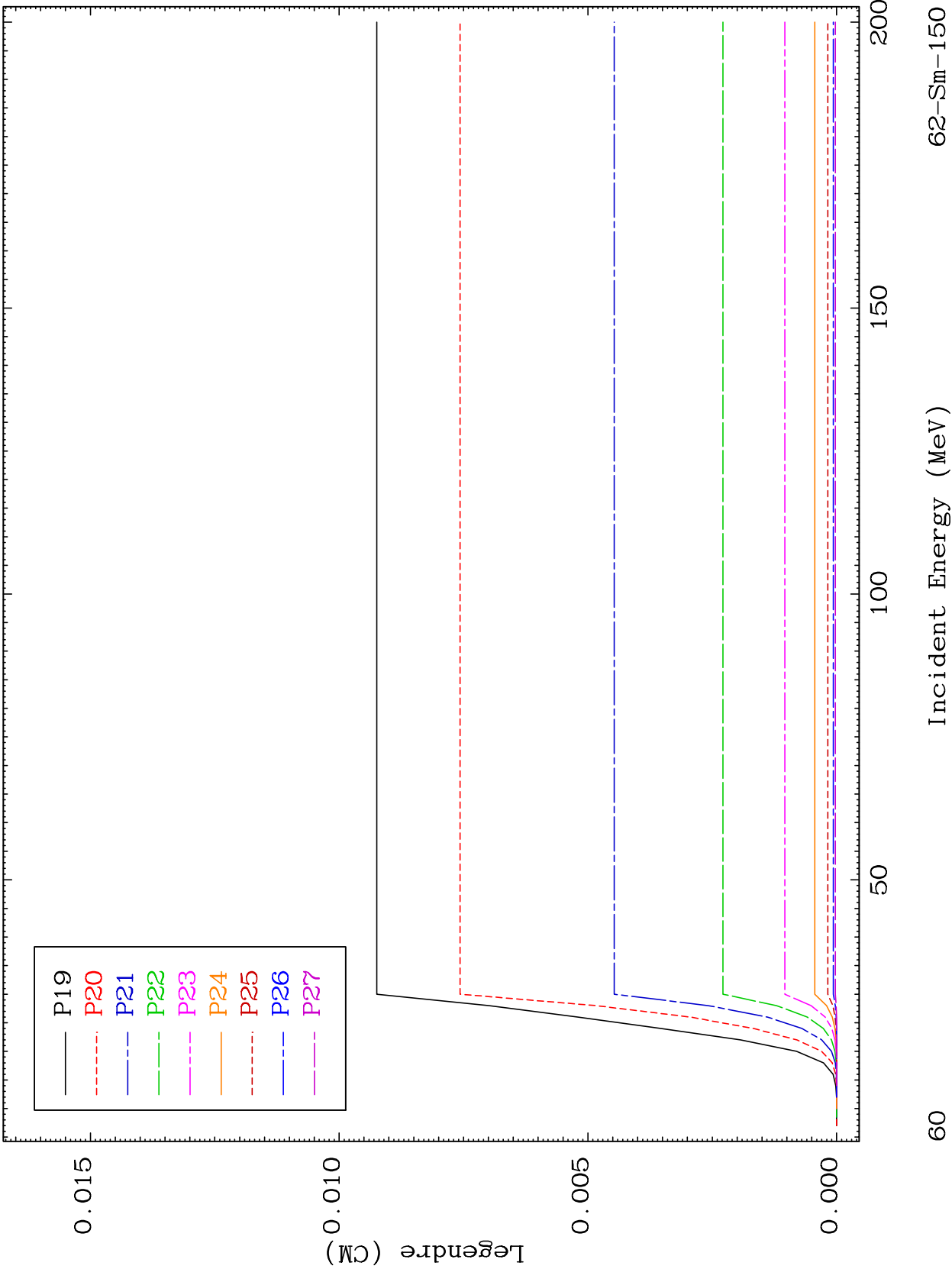
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



60

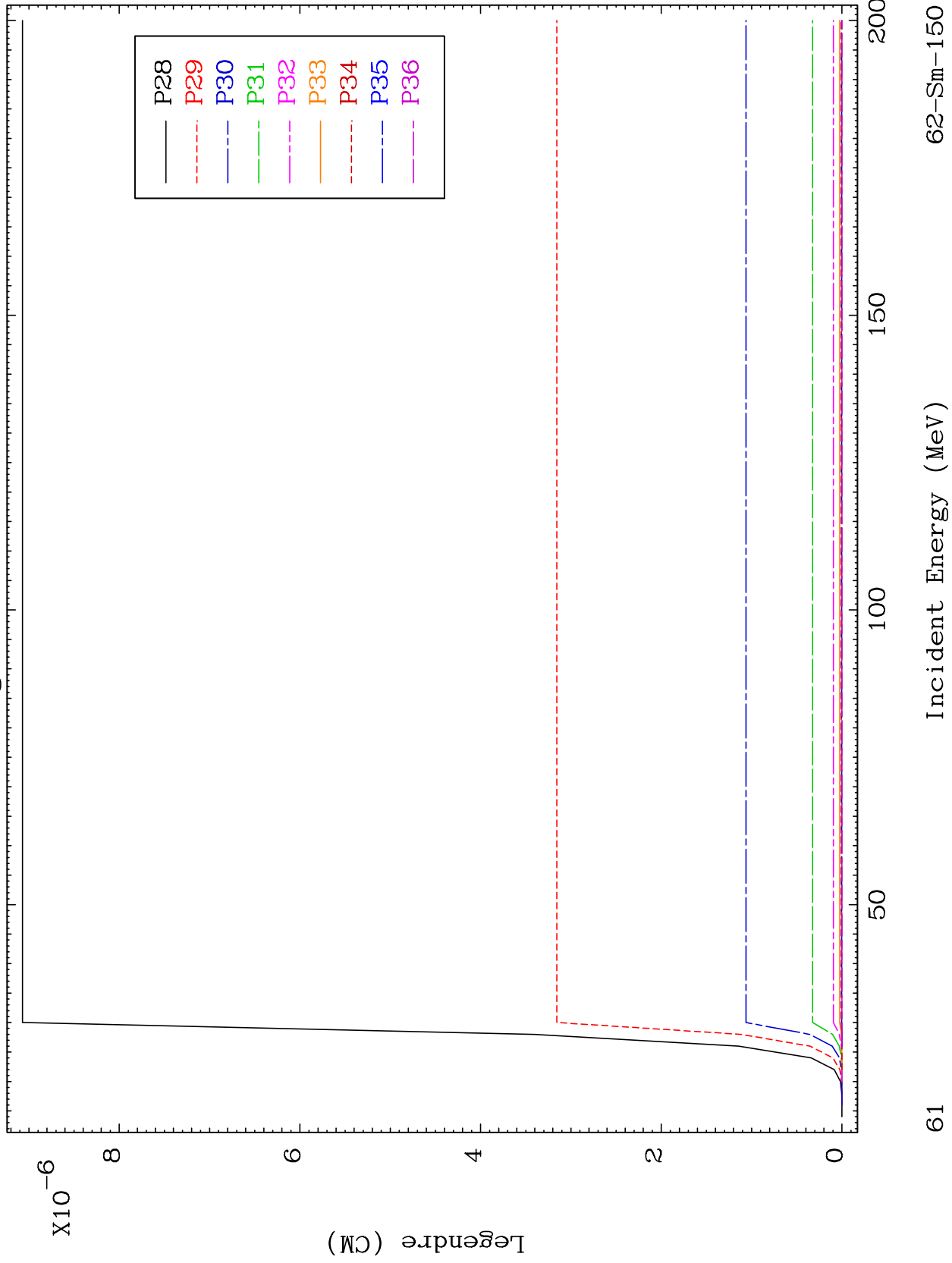
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



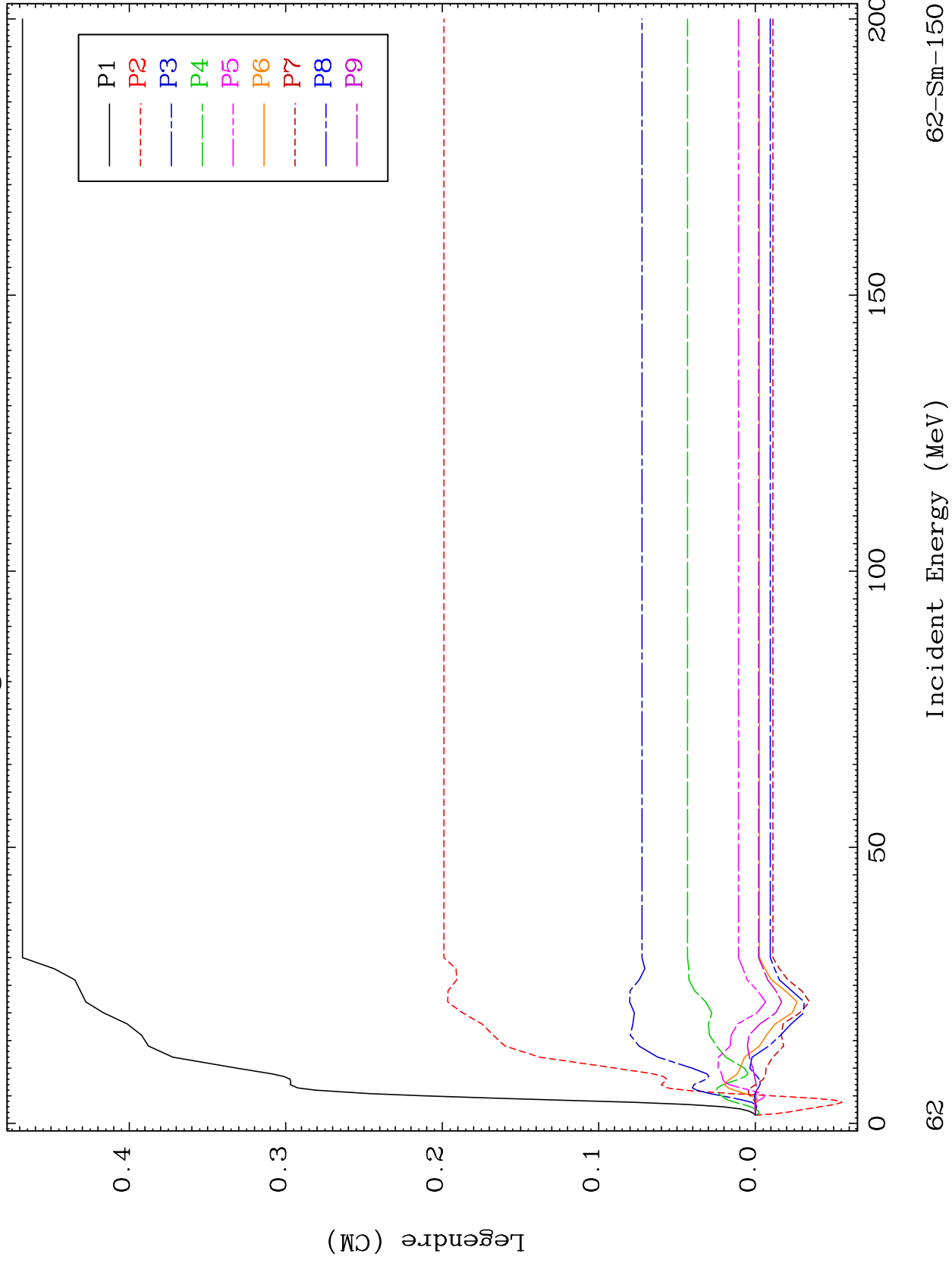
61

62-Sm-150

MAT 6243

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

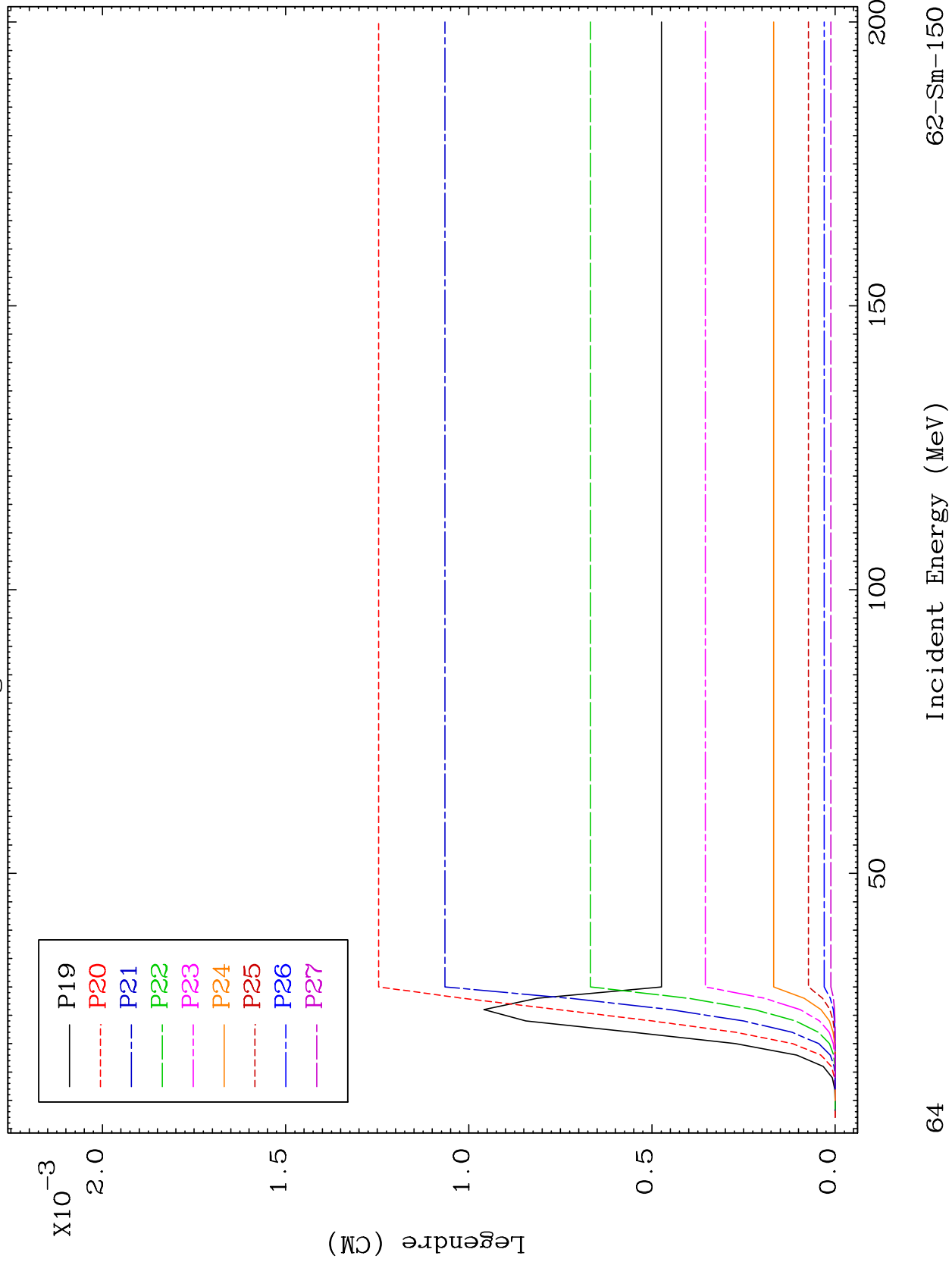
62-Sm-150



MAT 6243

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

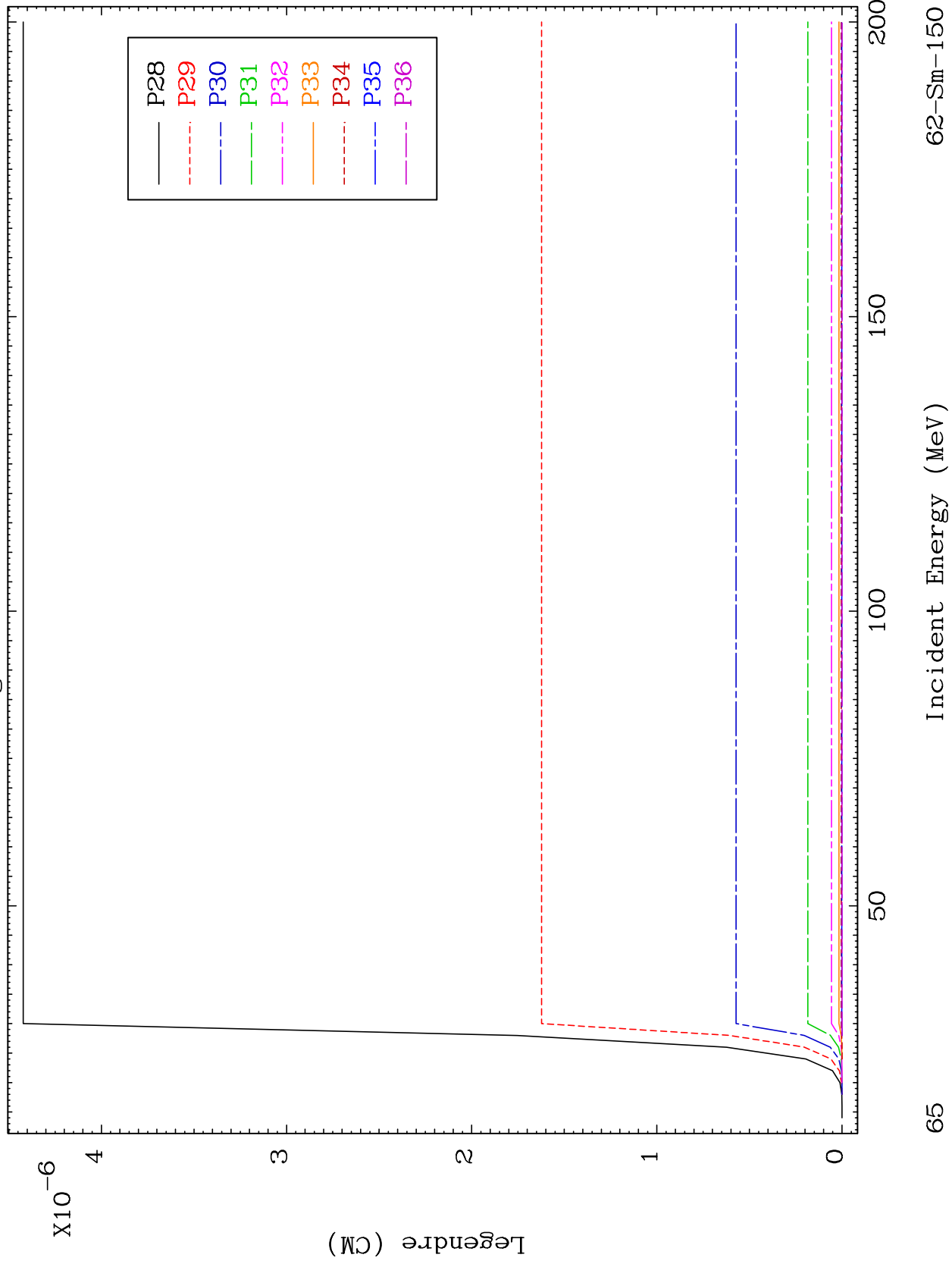
62-Sm-150



MAT 6243

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

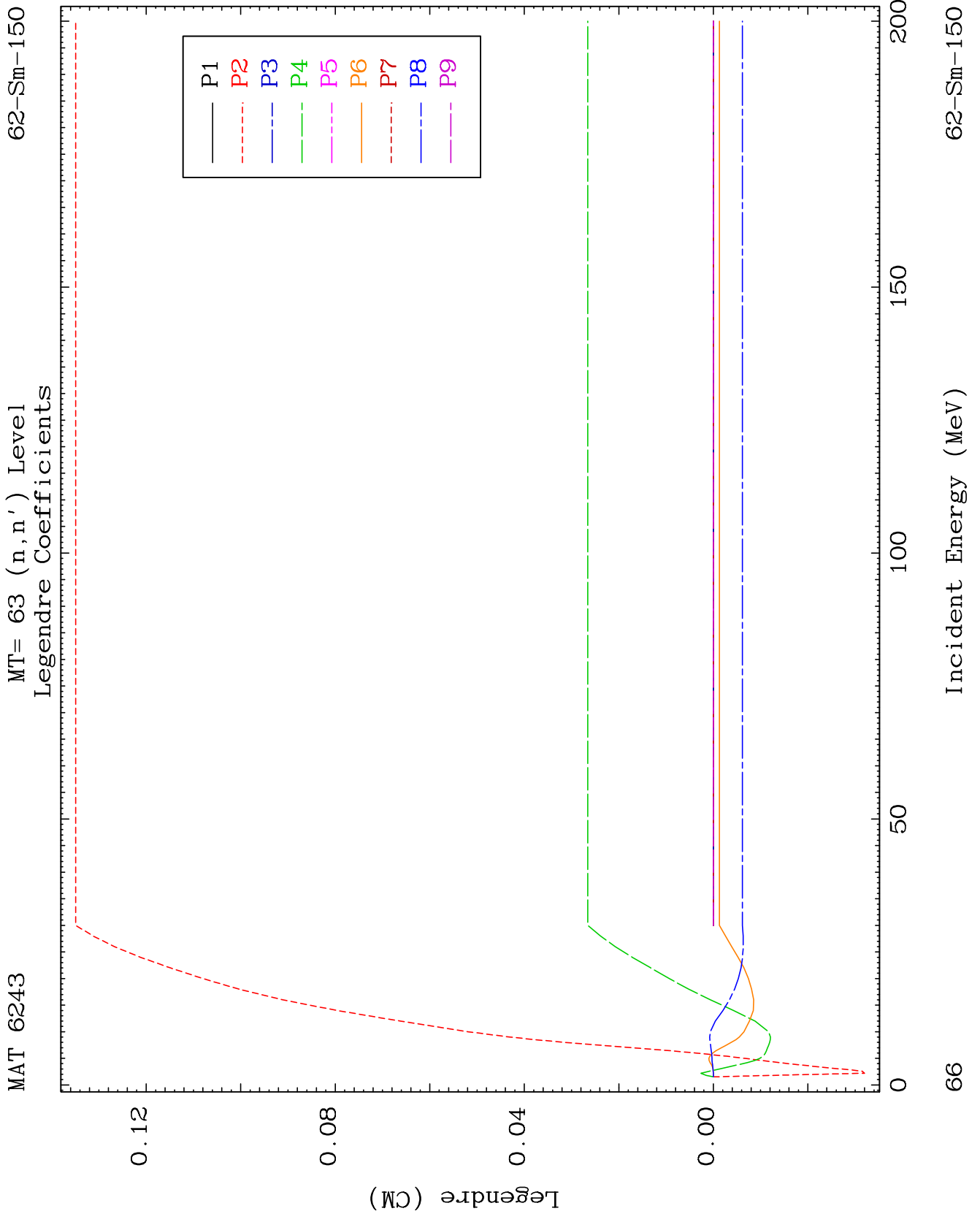
62-Sm-150



65

Incident Energy (MeV)

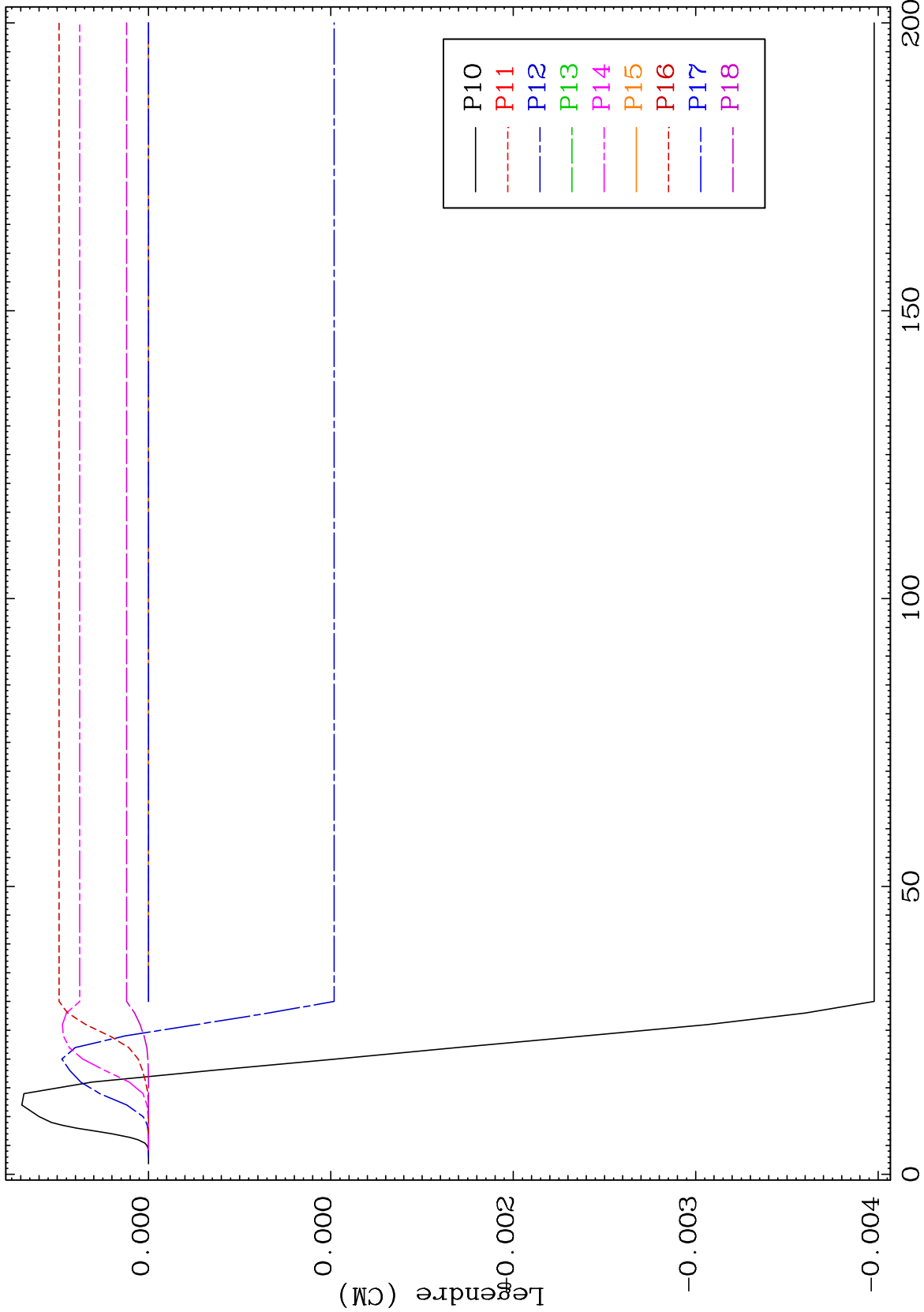
62-Sm-150



MAT 6243

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

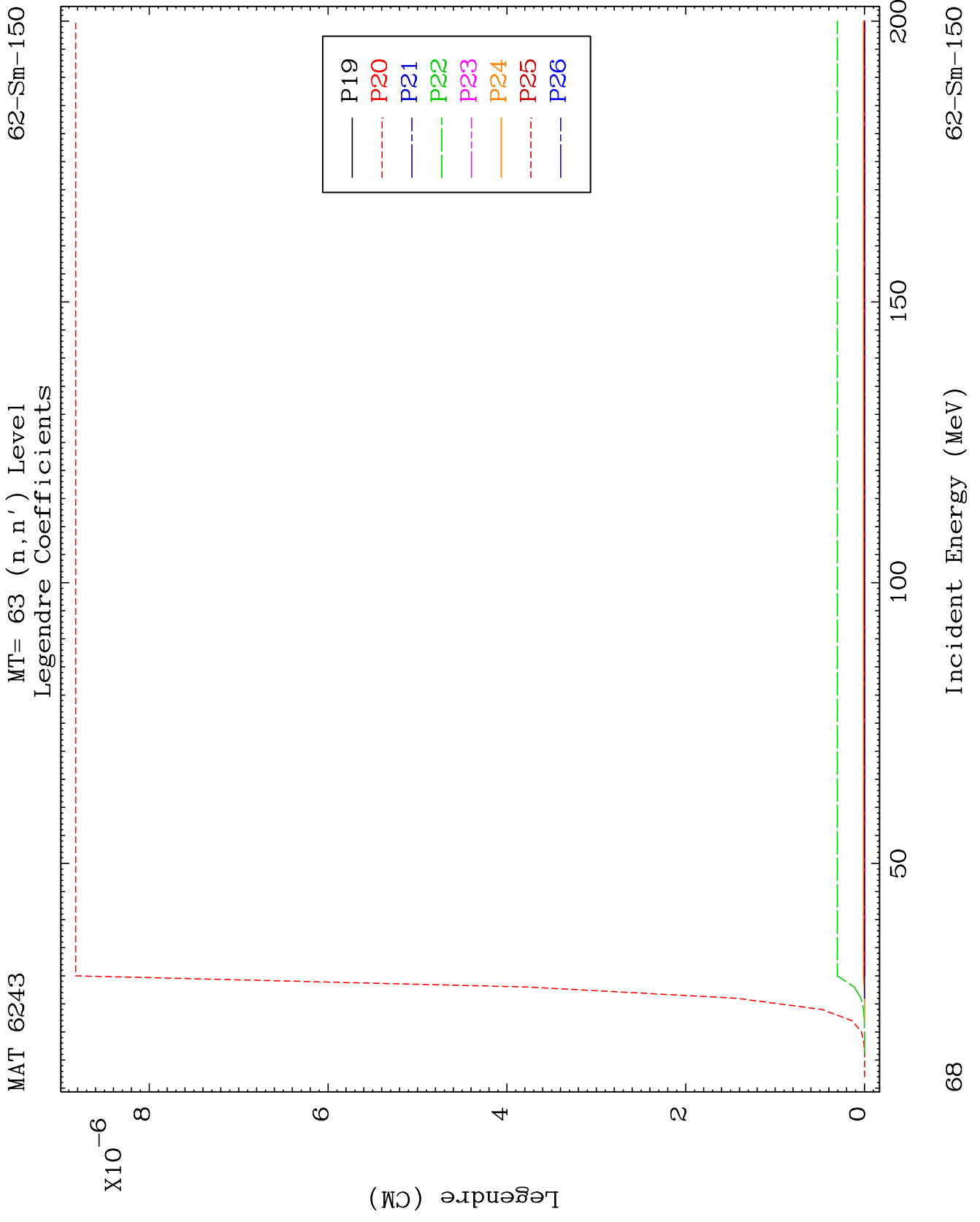
62-Sm-150



67

Incident Energy (MeV)

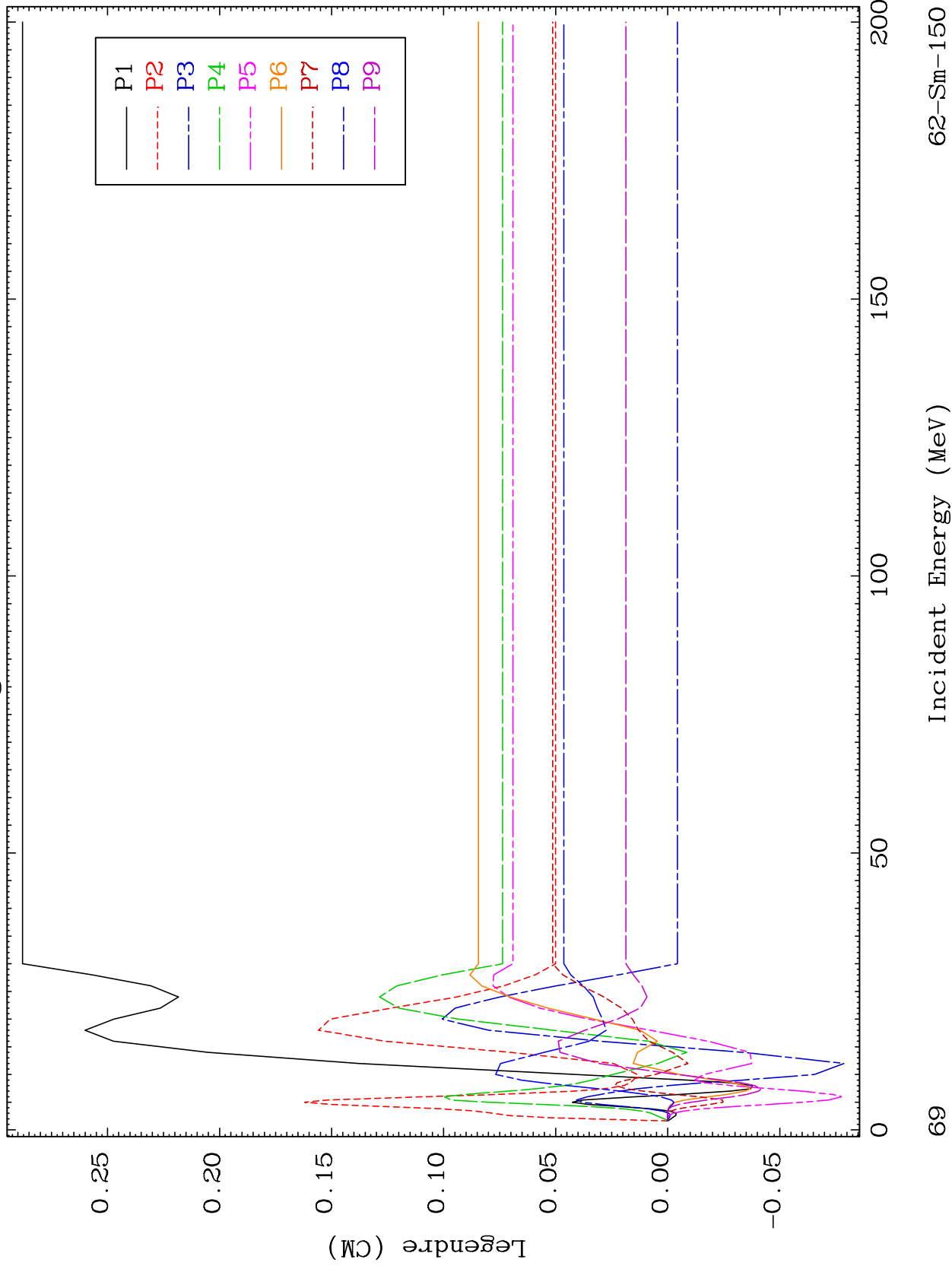
62-Sm-150



MAT 6243

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

62-Sm-150



62-Sm-150

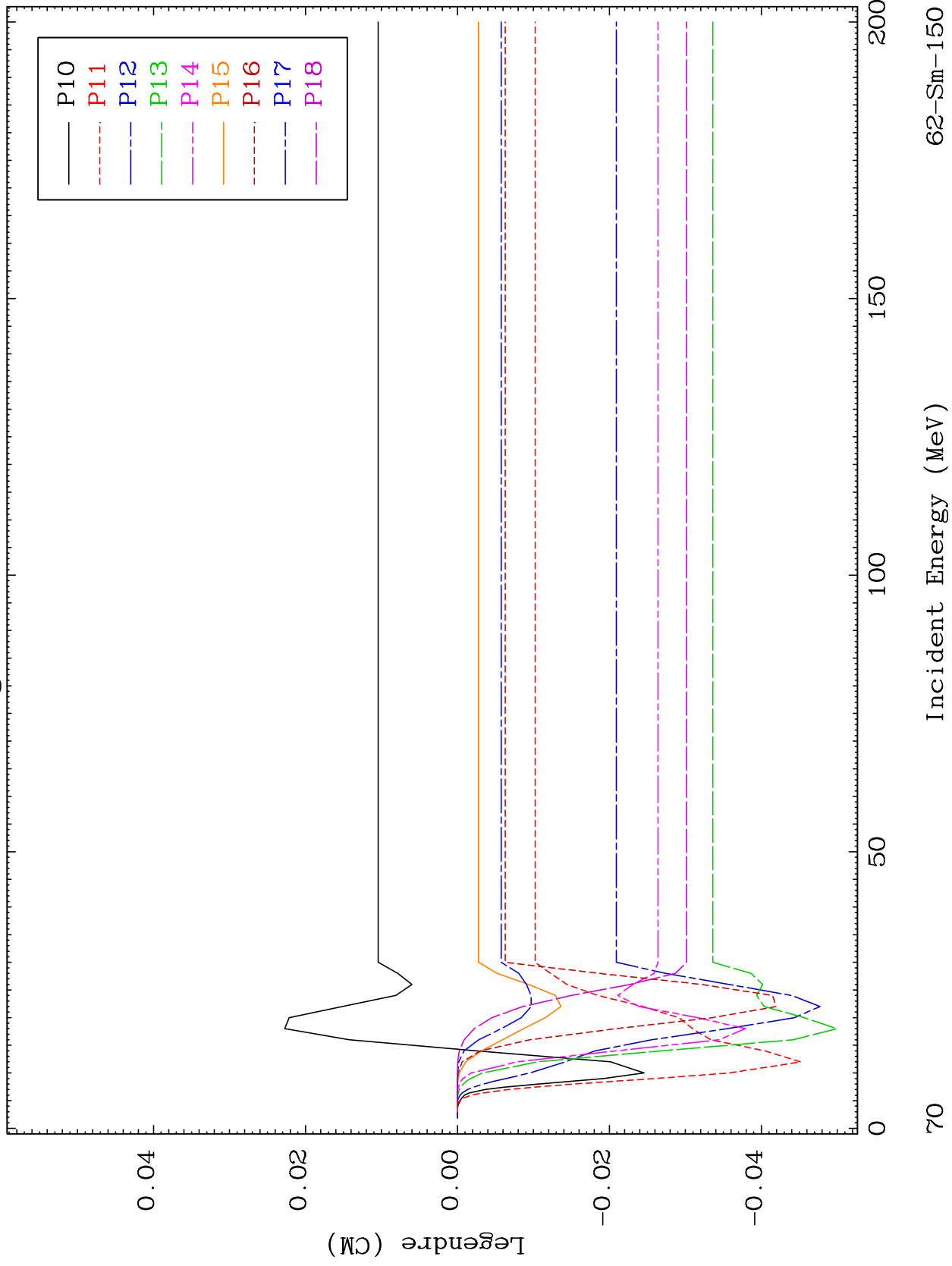
Incident Energy (MeV)

69

MAT 6243

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

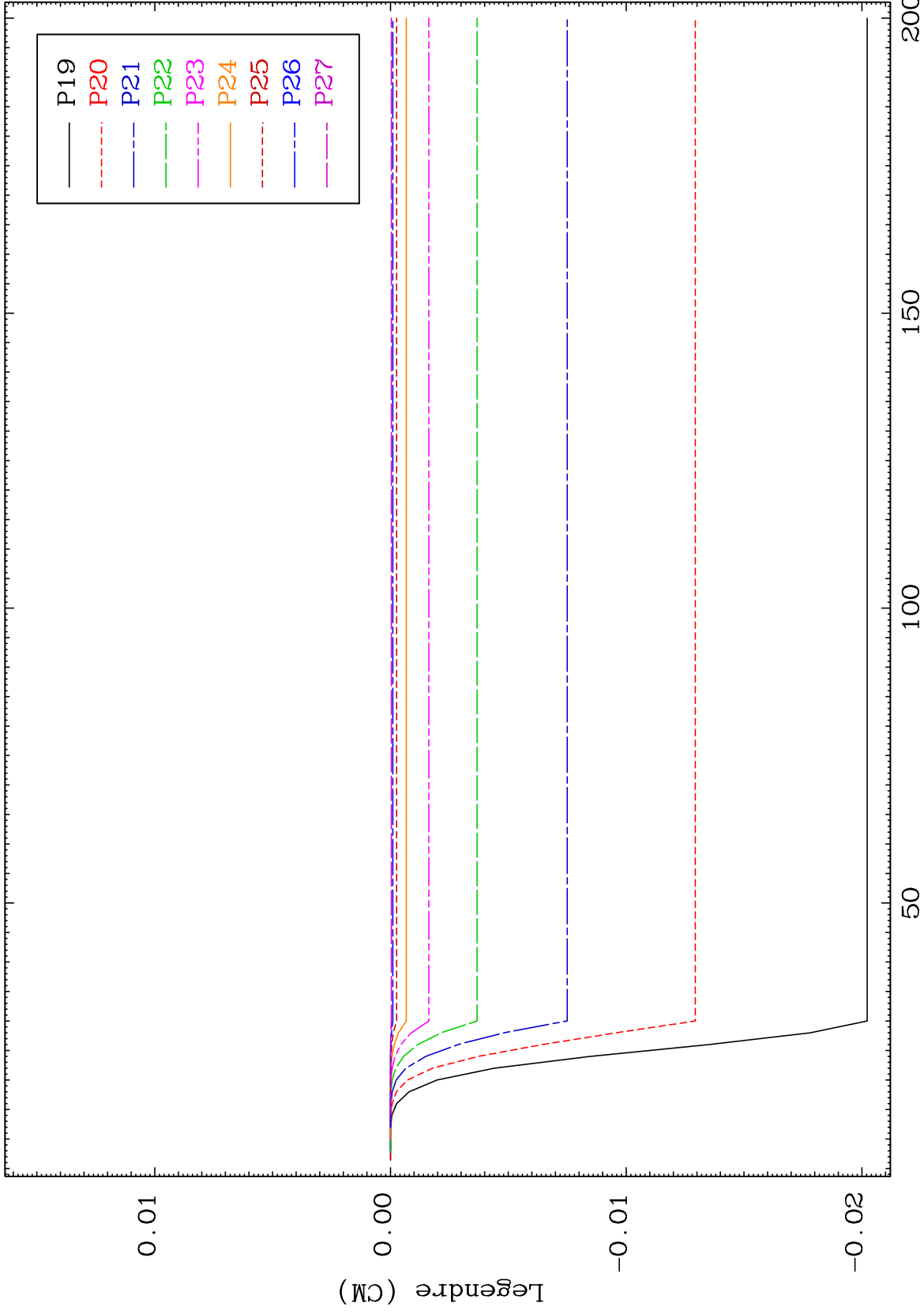
62-Sm-150



MAT 6243

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

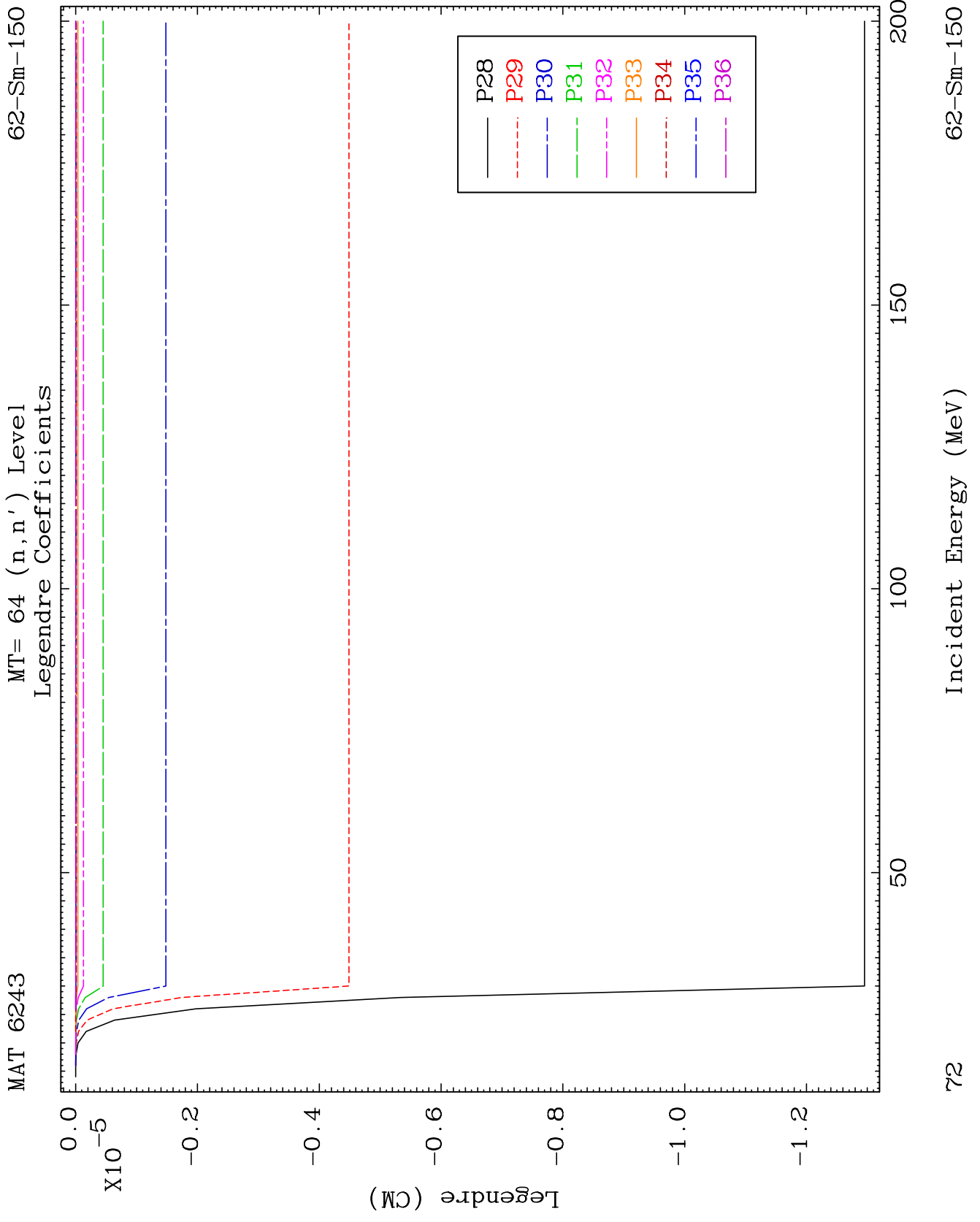
62-Sm-150



71

Incident Energy (MeV)

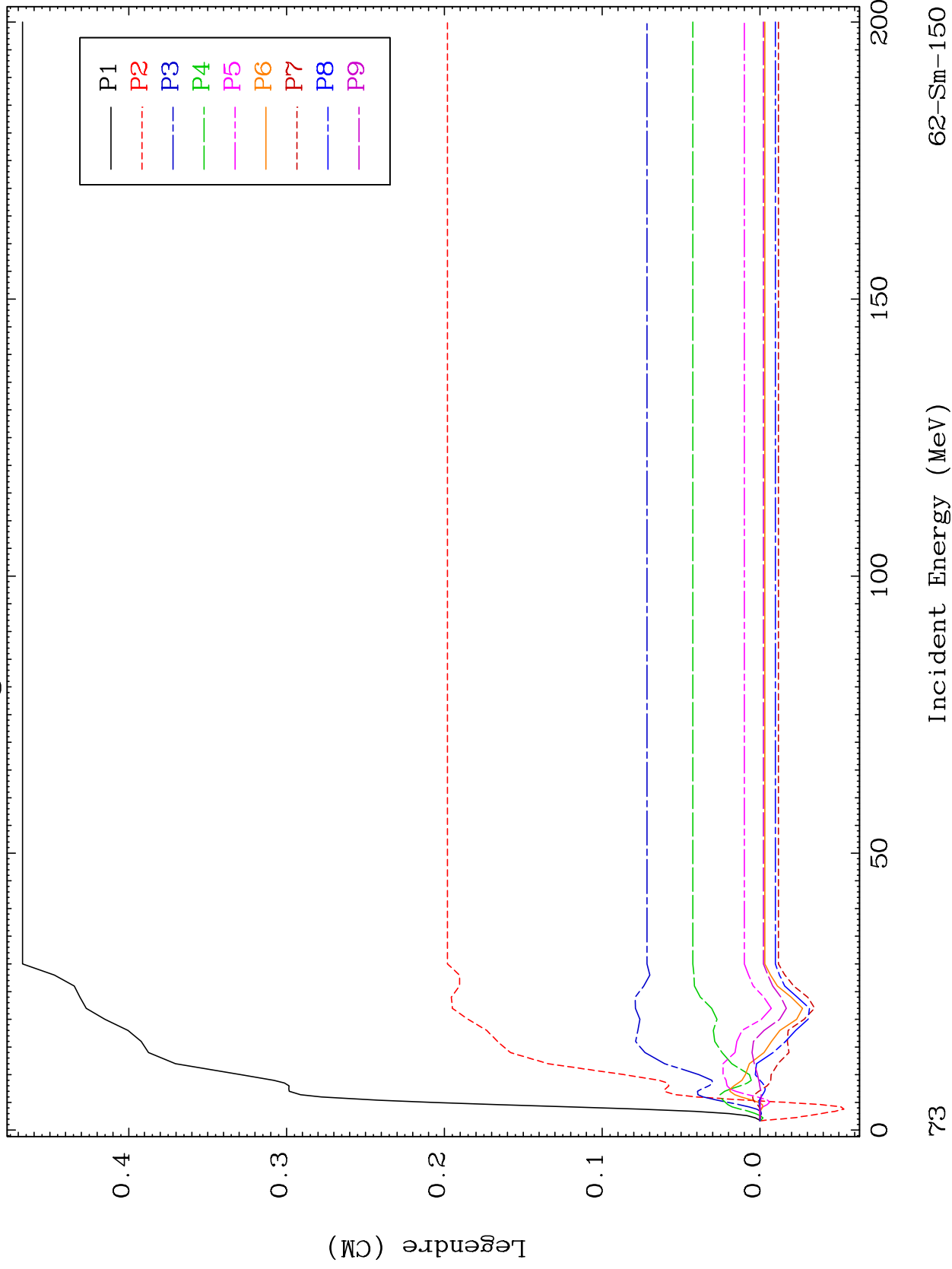
62-Sm-150



MAT 6243

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

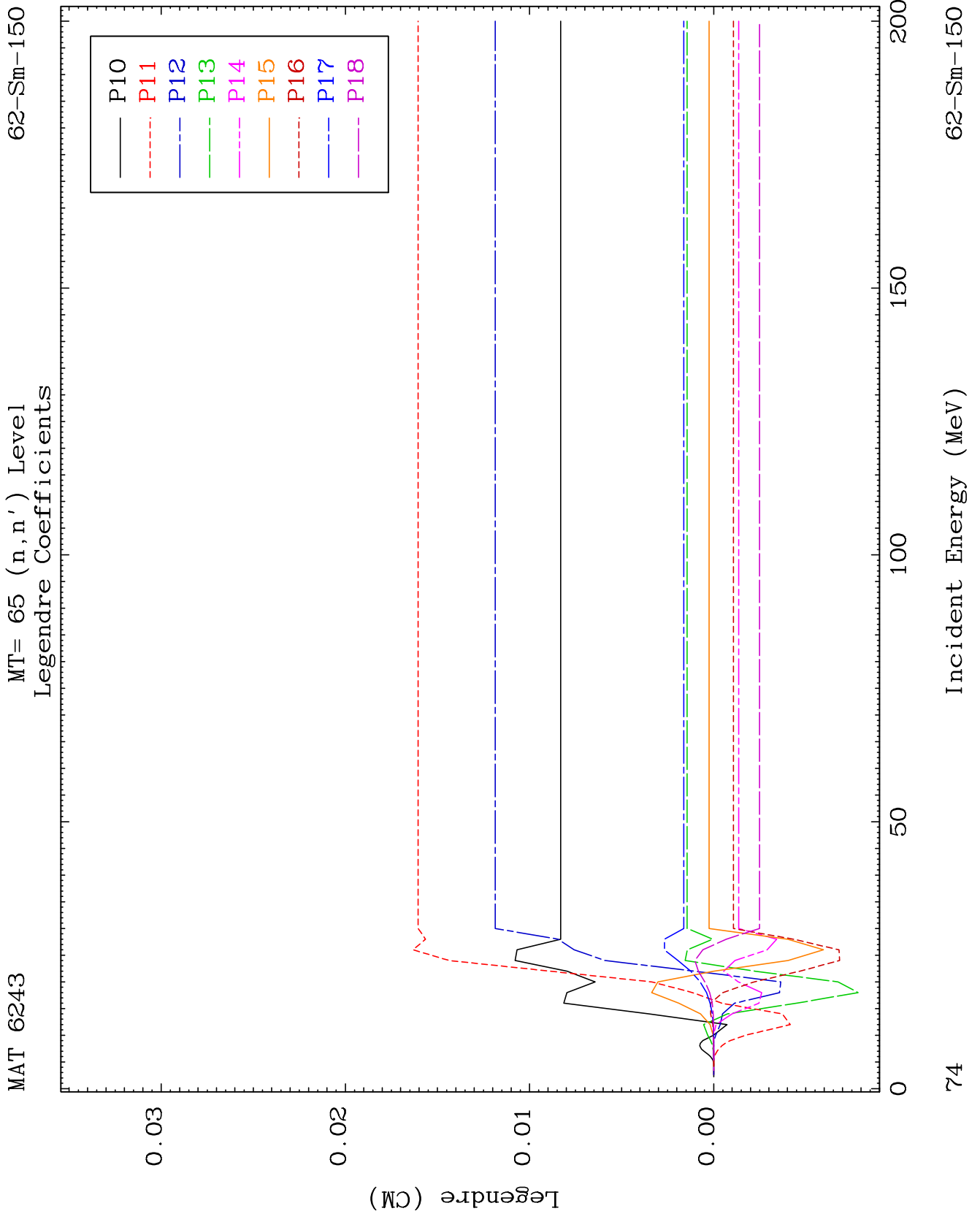
62-Sm-150



73

Incident Energy (MeV)

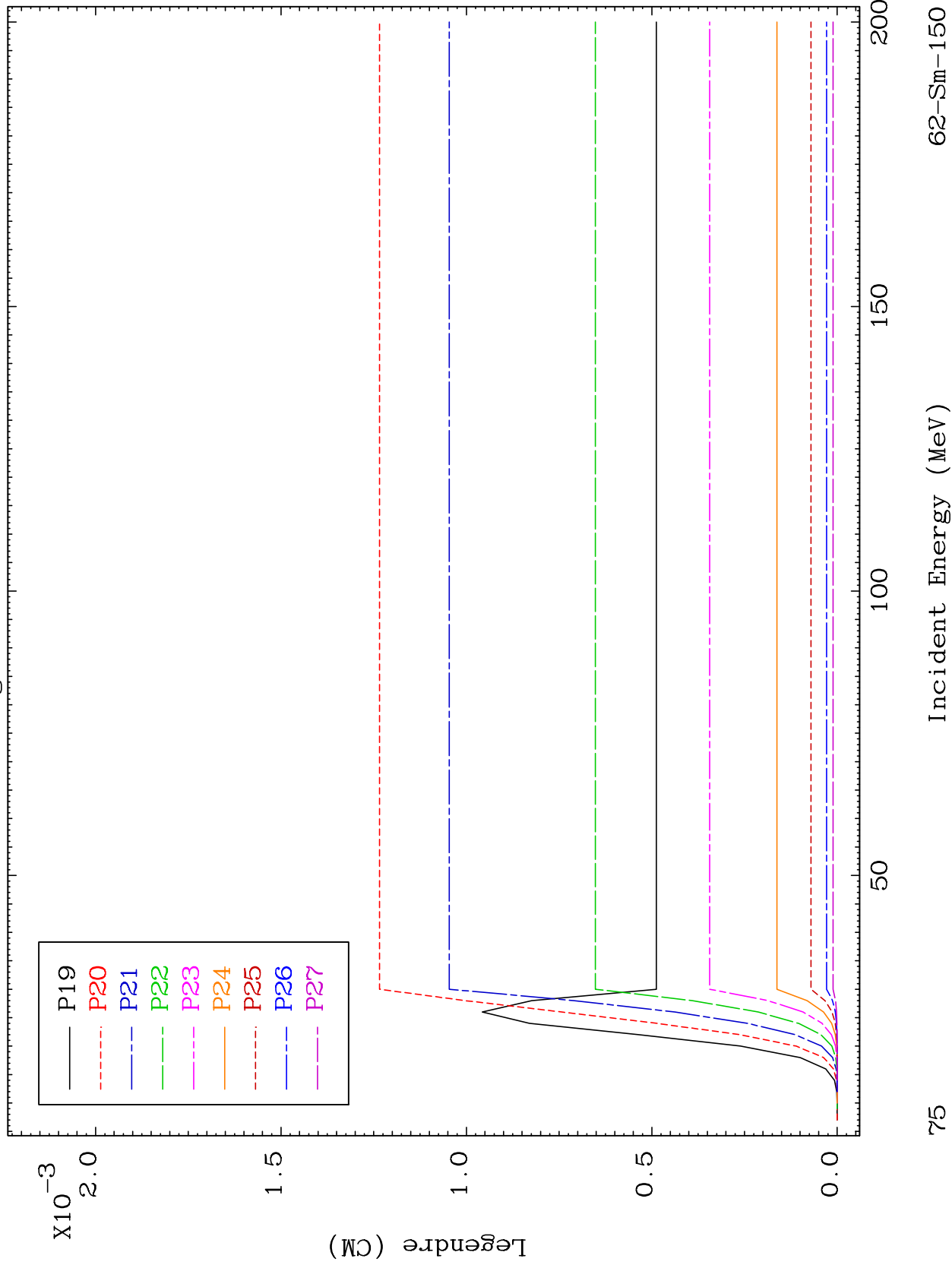
62-Sm-150



MAT 6243

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

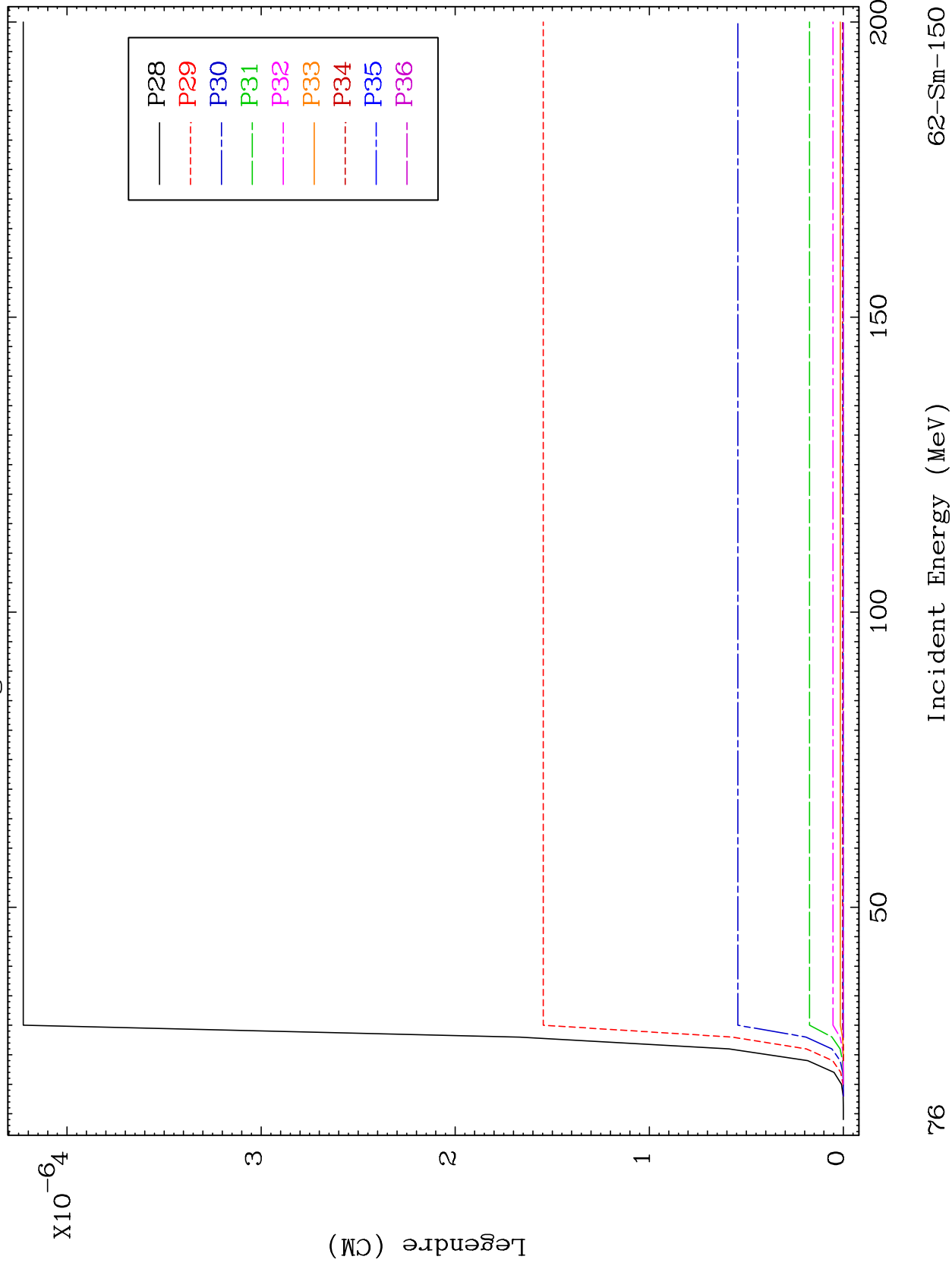
62-Sm-150



MAT 6243

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

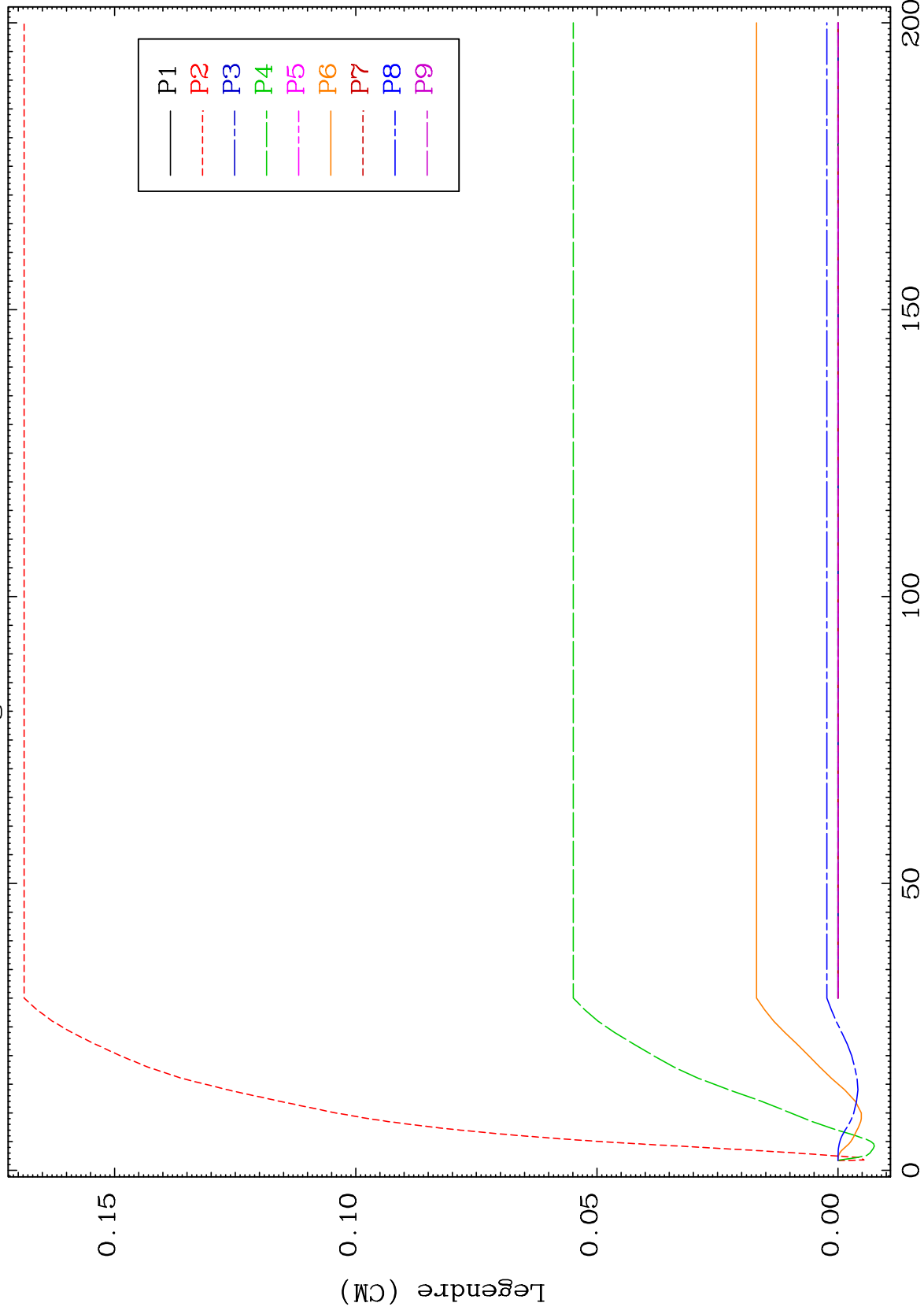
62-Sm-150



MAT 6243

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

62-Sm-150



77

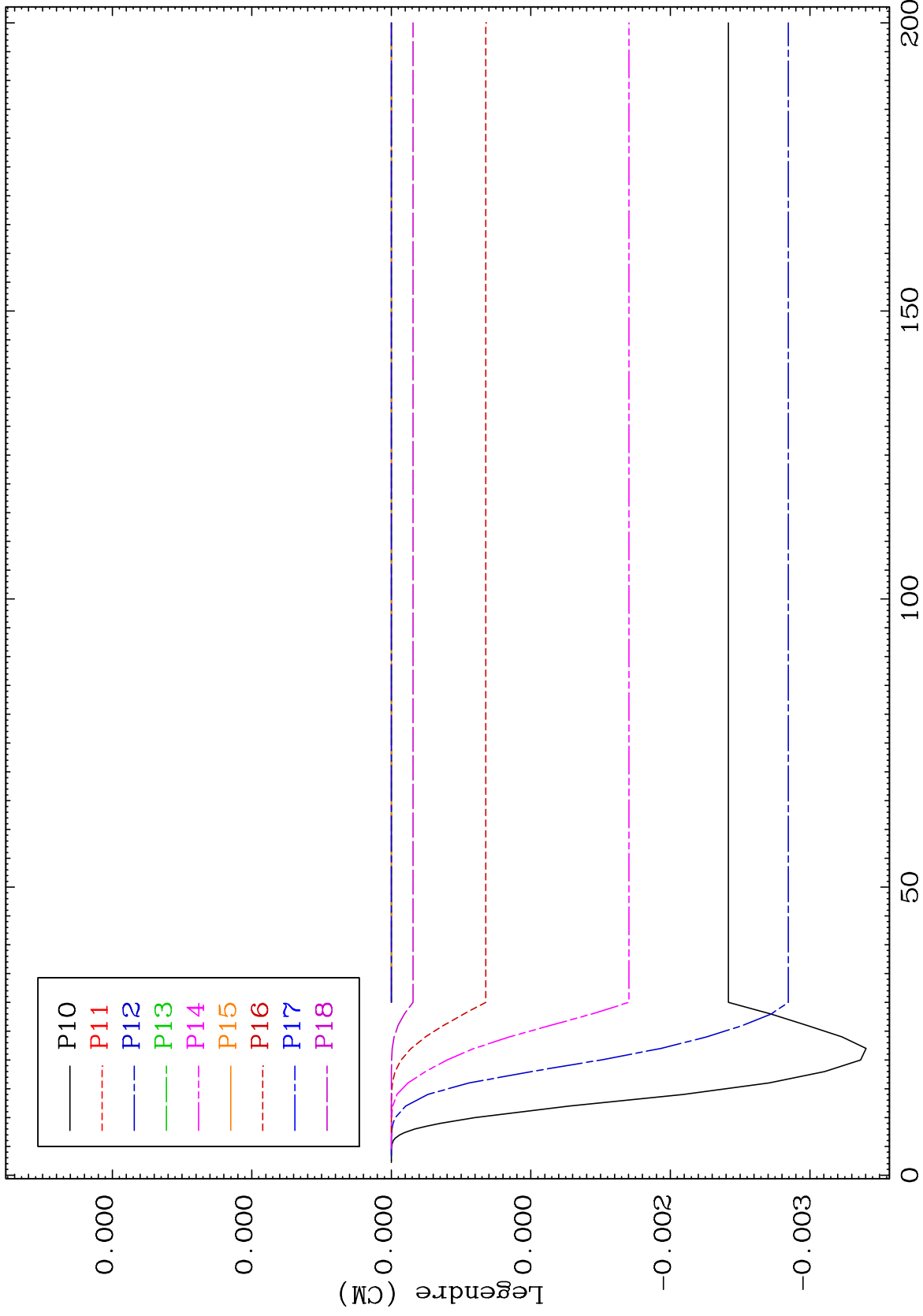
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



78

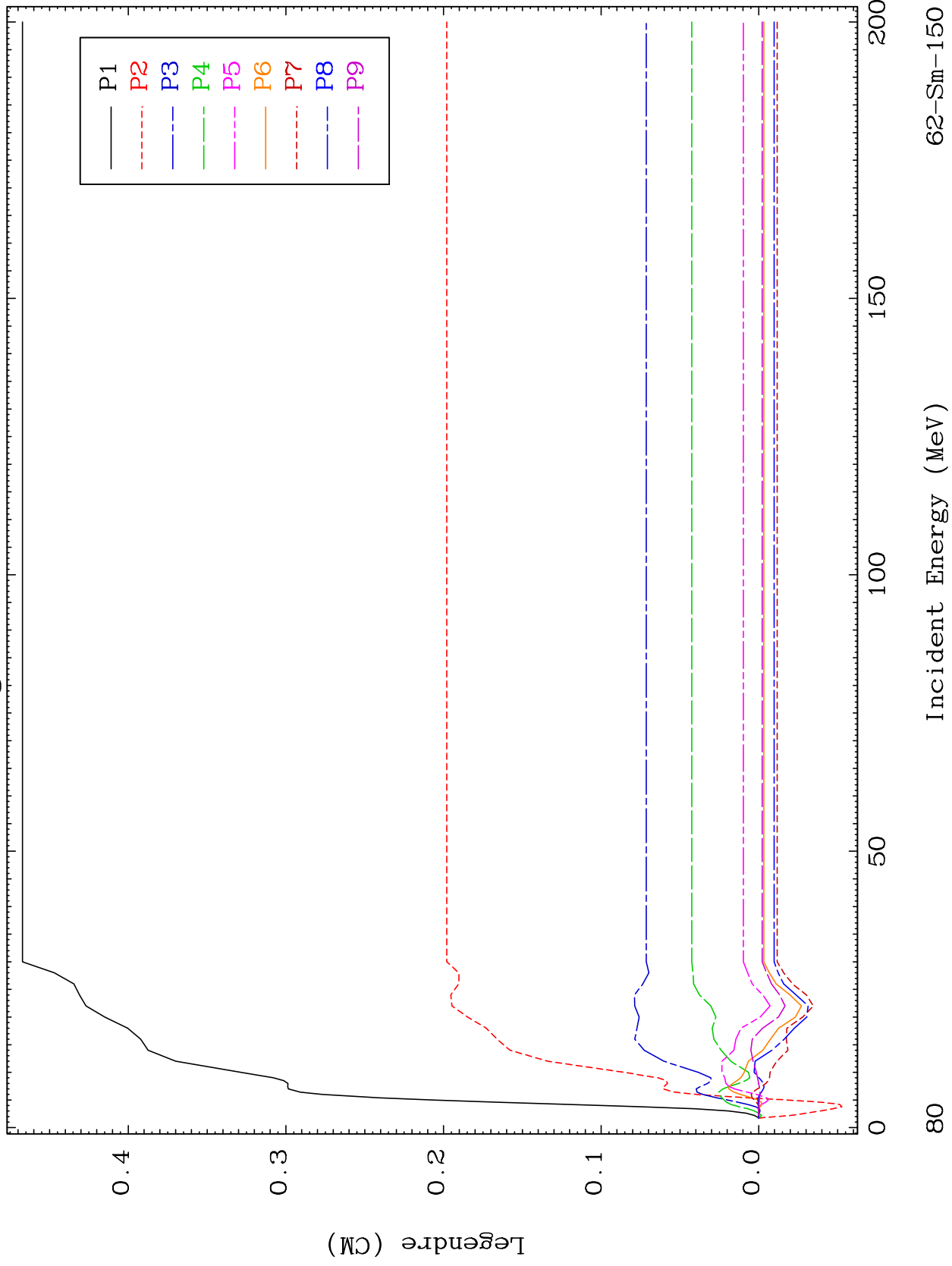
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

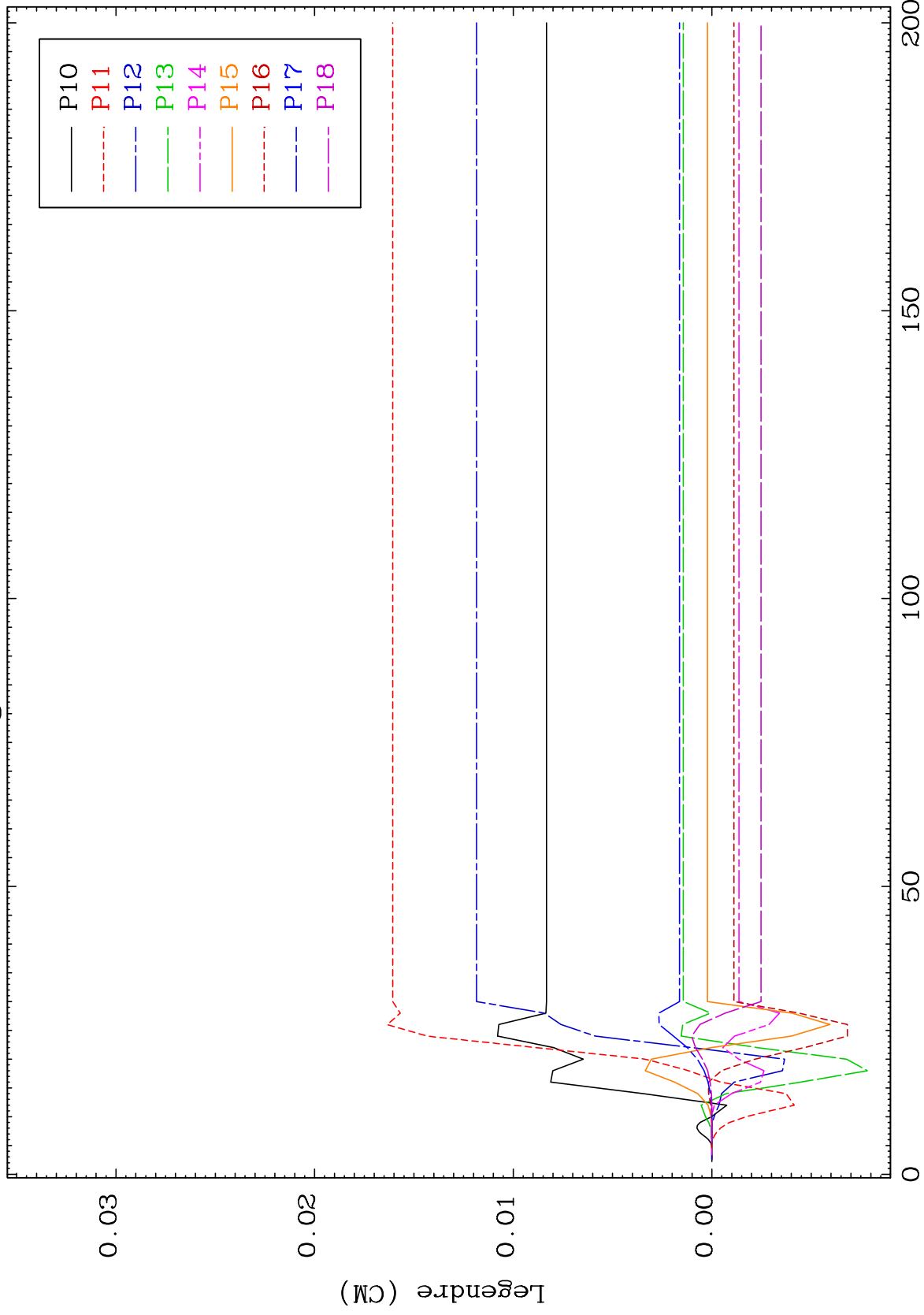
62-Sm-150



MAT 6243

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

62-Sm-150



81

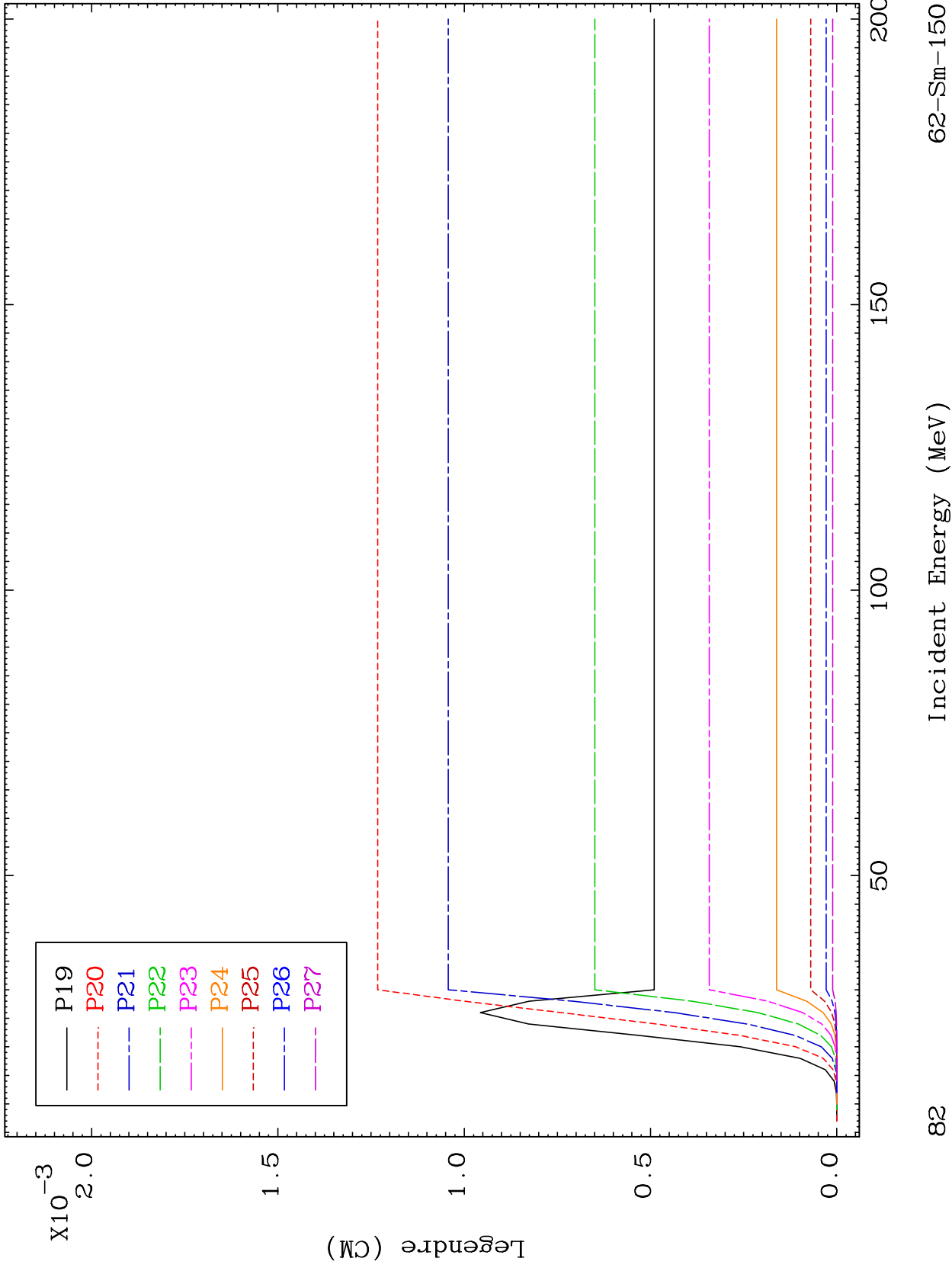
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

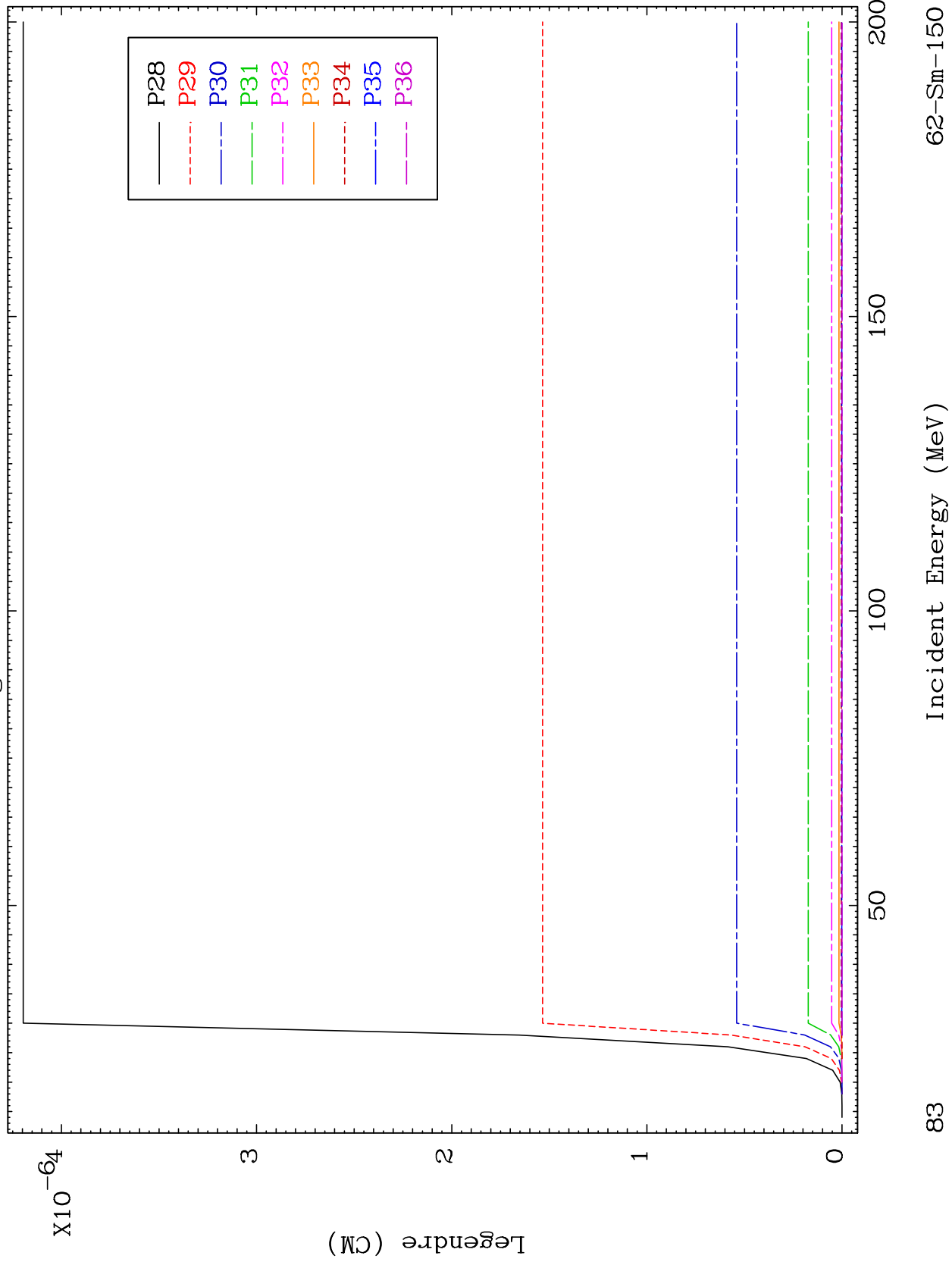
62-Sm-150



MAT 6243

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

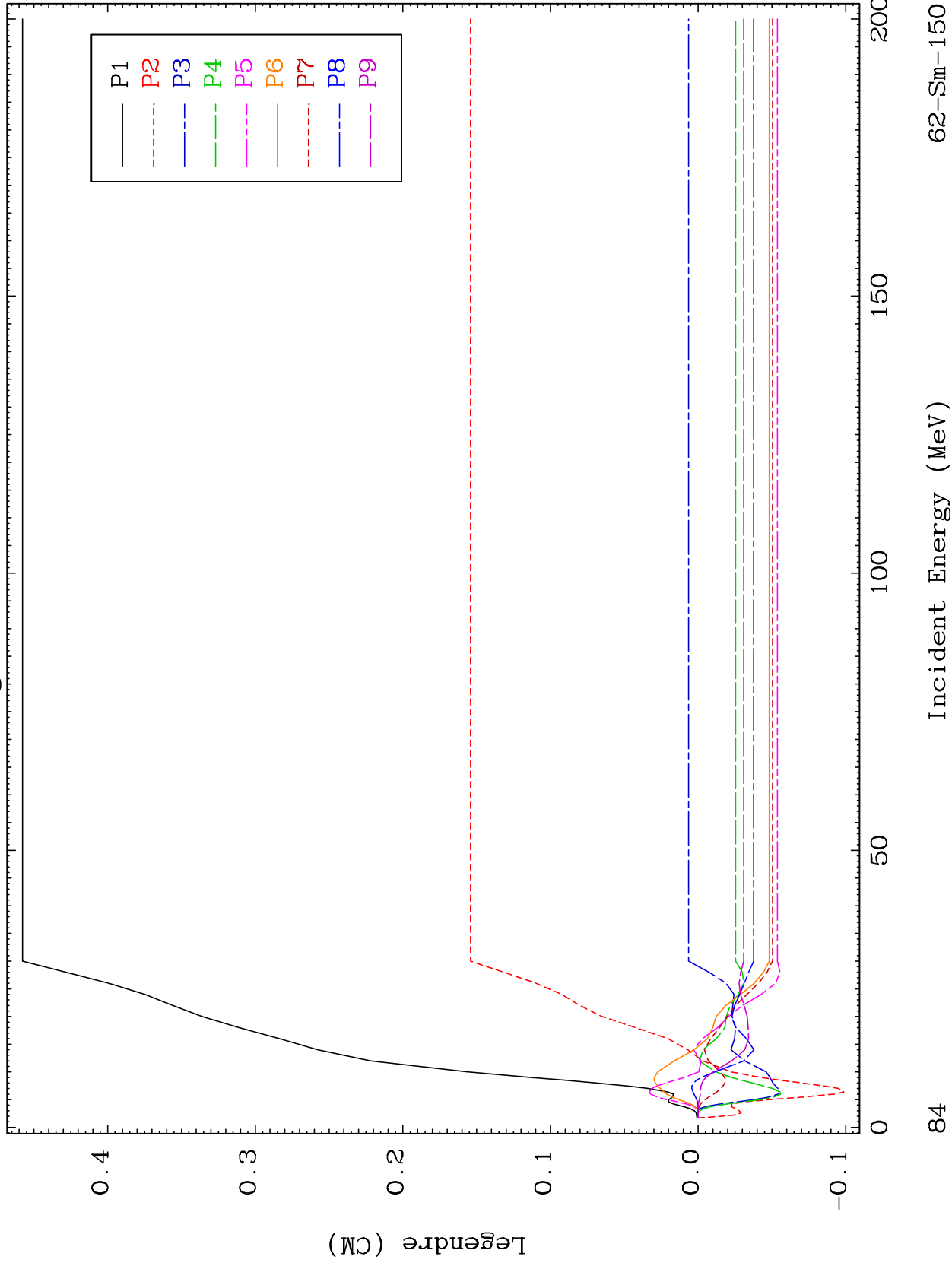
62-Sm-150



MAT 6243

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

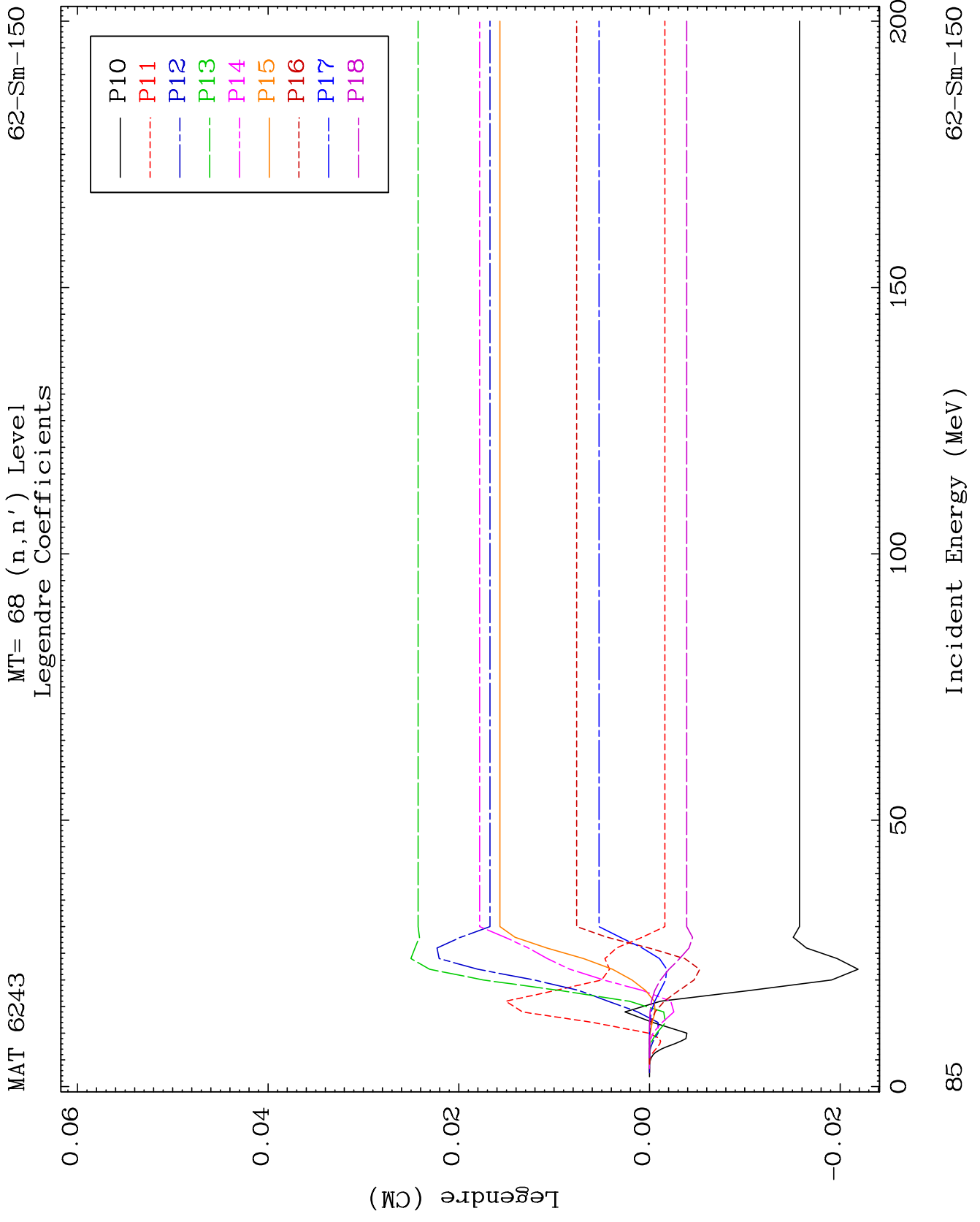
62-Sm-150



62-Sm-150

Incident Energy (MeV)

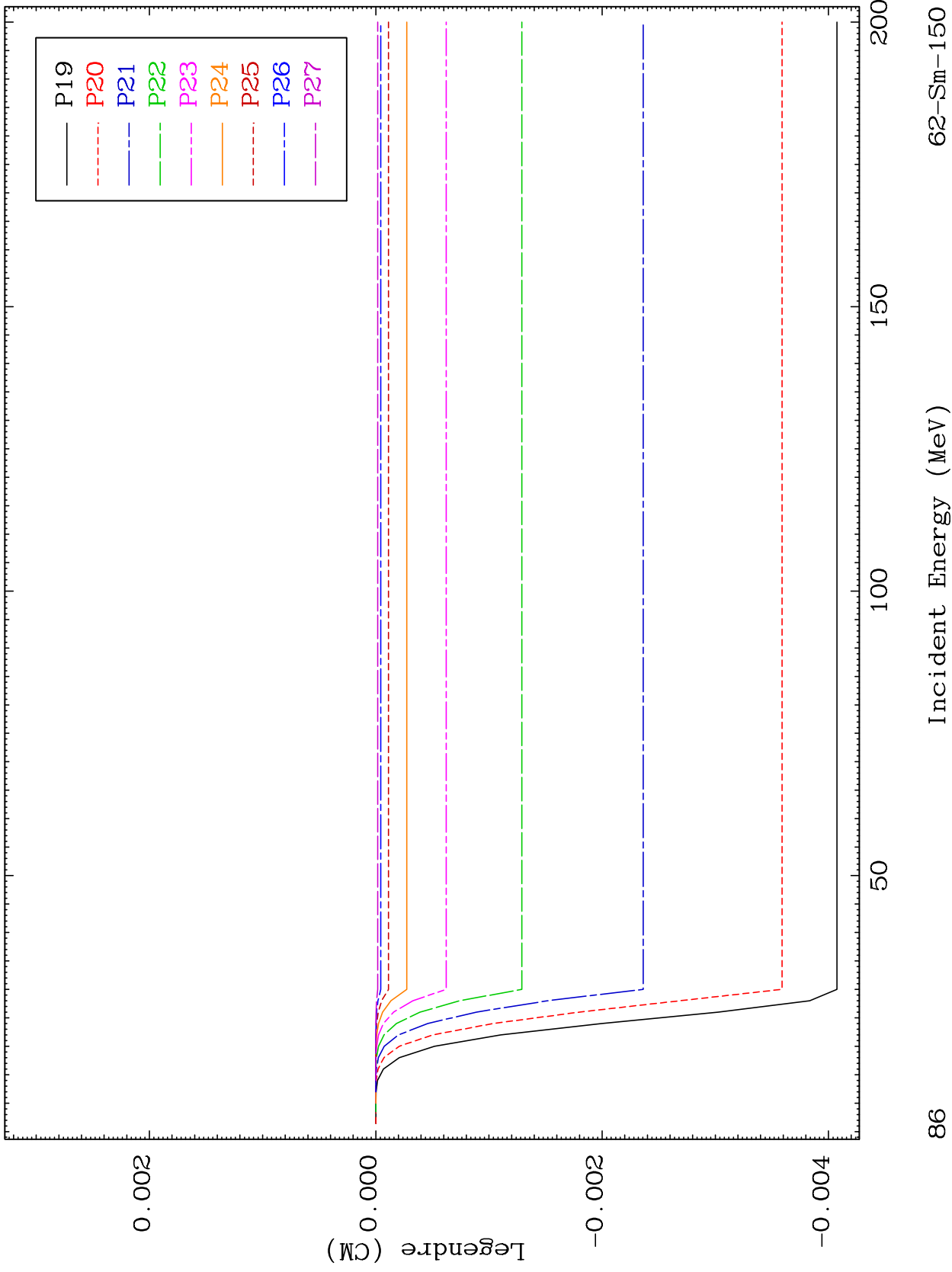
84



MAT 6243

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

62-Sm-150



86

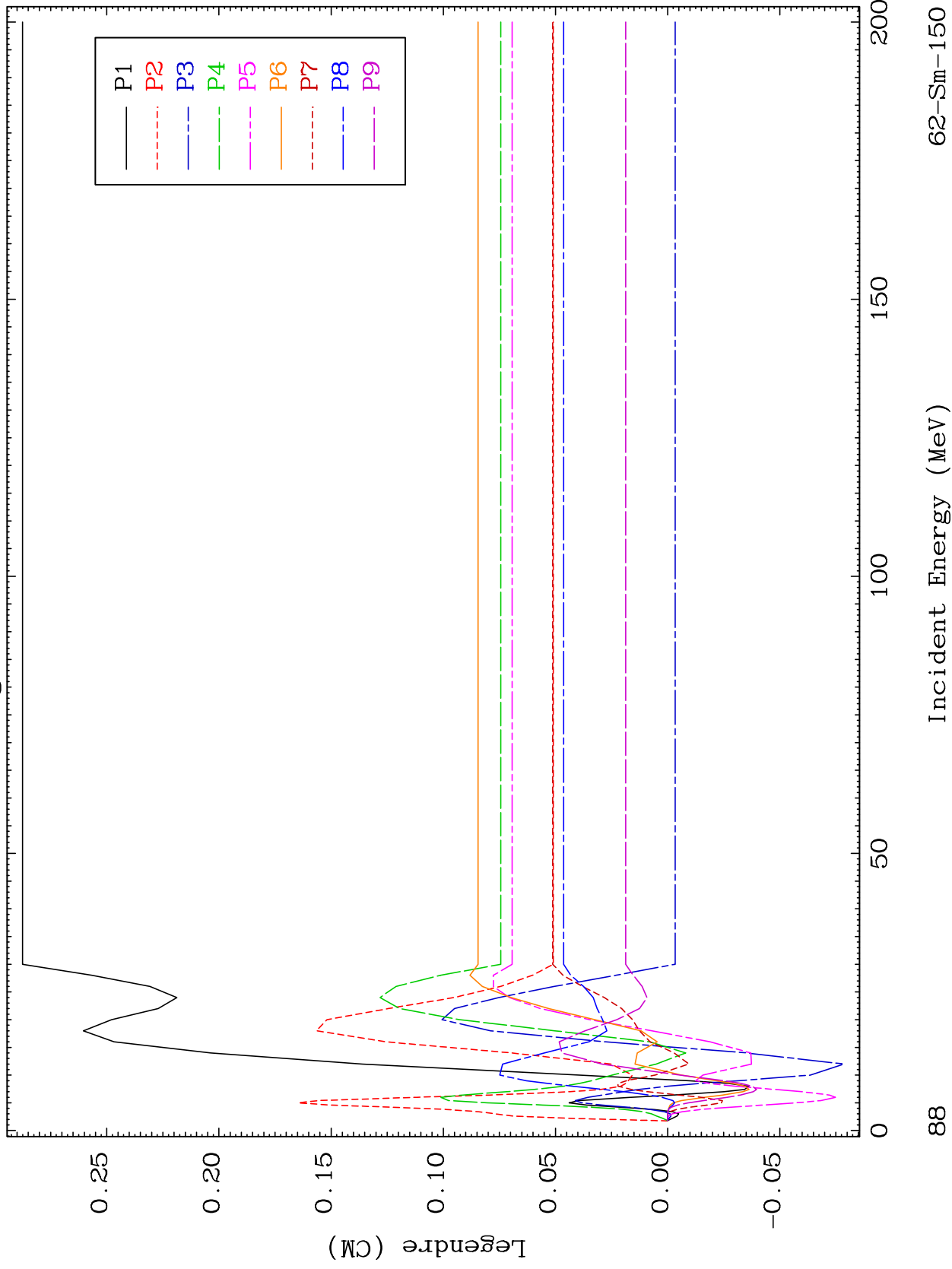
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

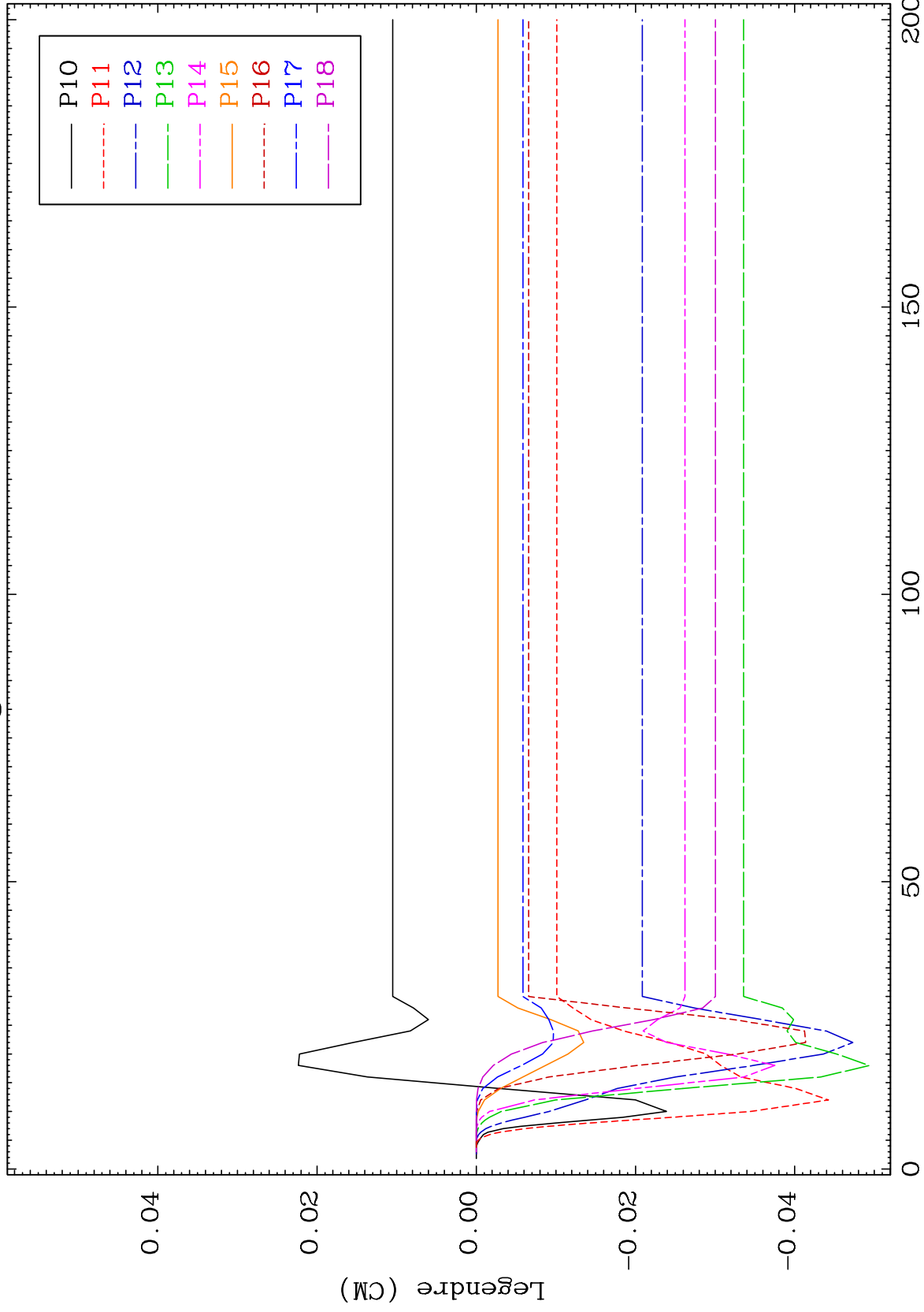
Incident Energy (MeV)

88

MAT 6243

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

62-Sm-150



89

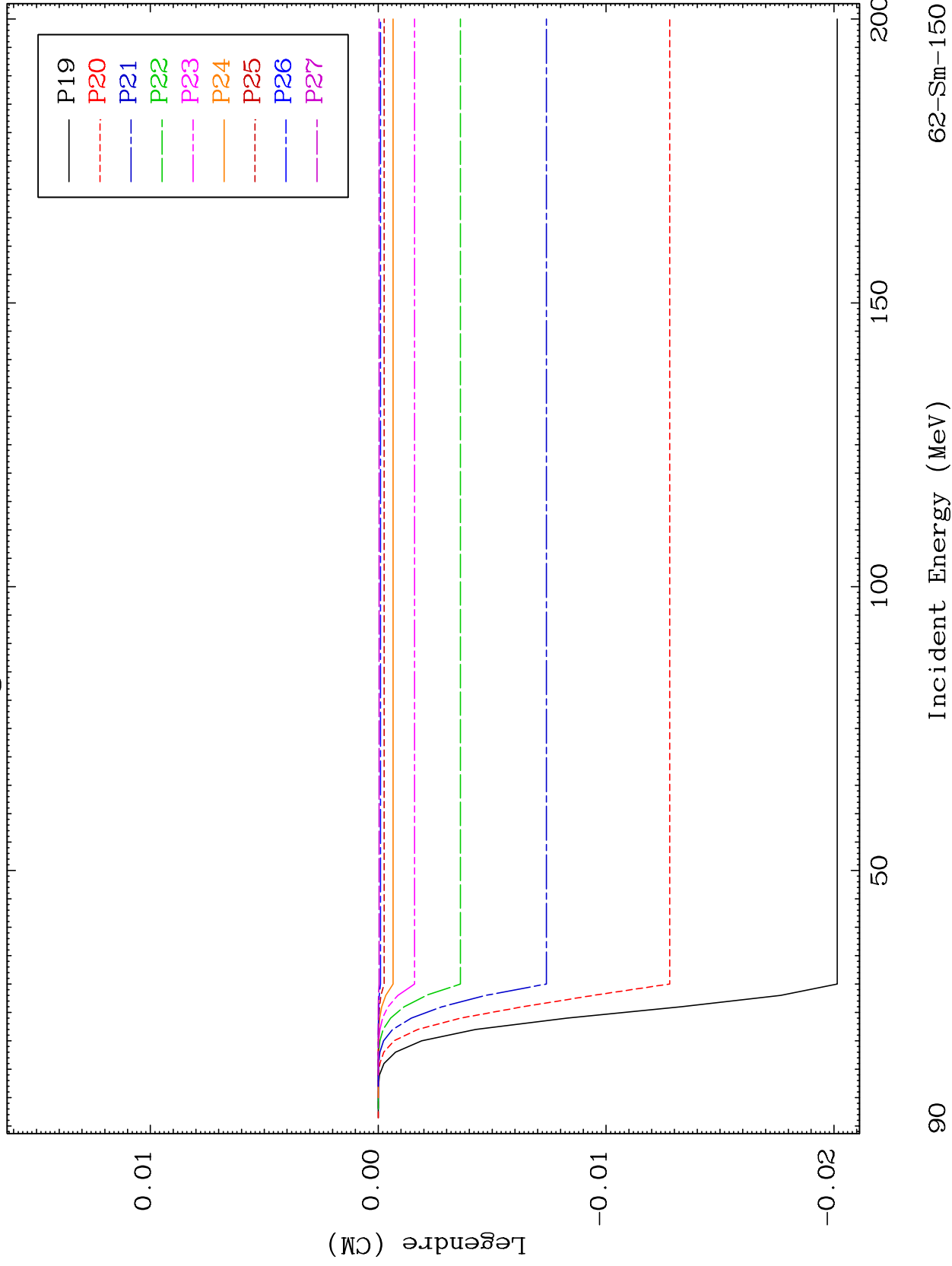
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

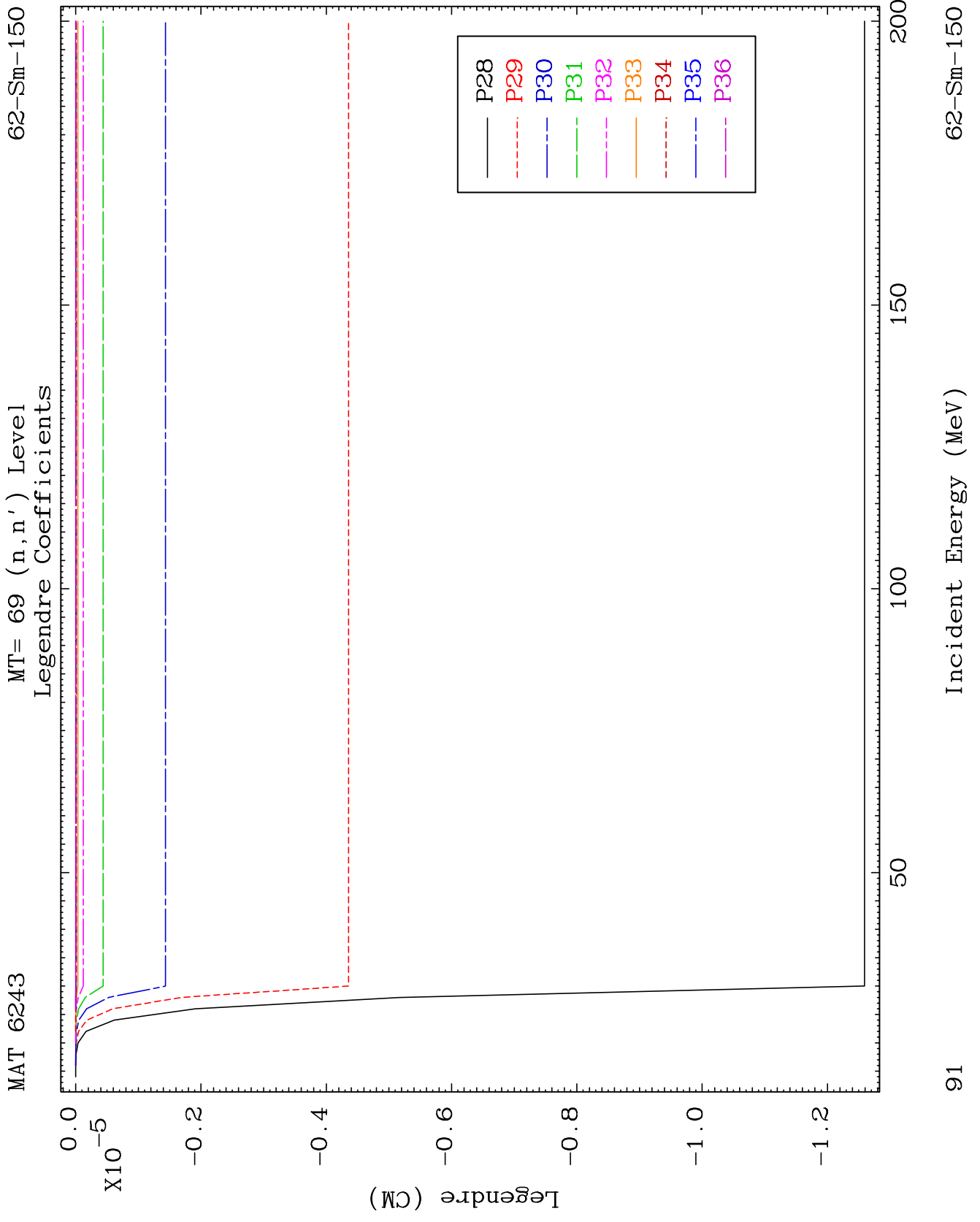
62-Sm-150



90

Incident Energy (MeV)

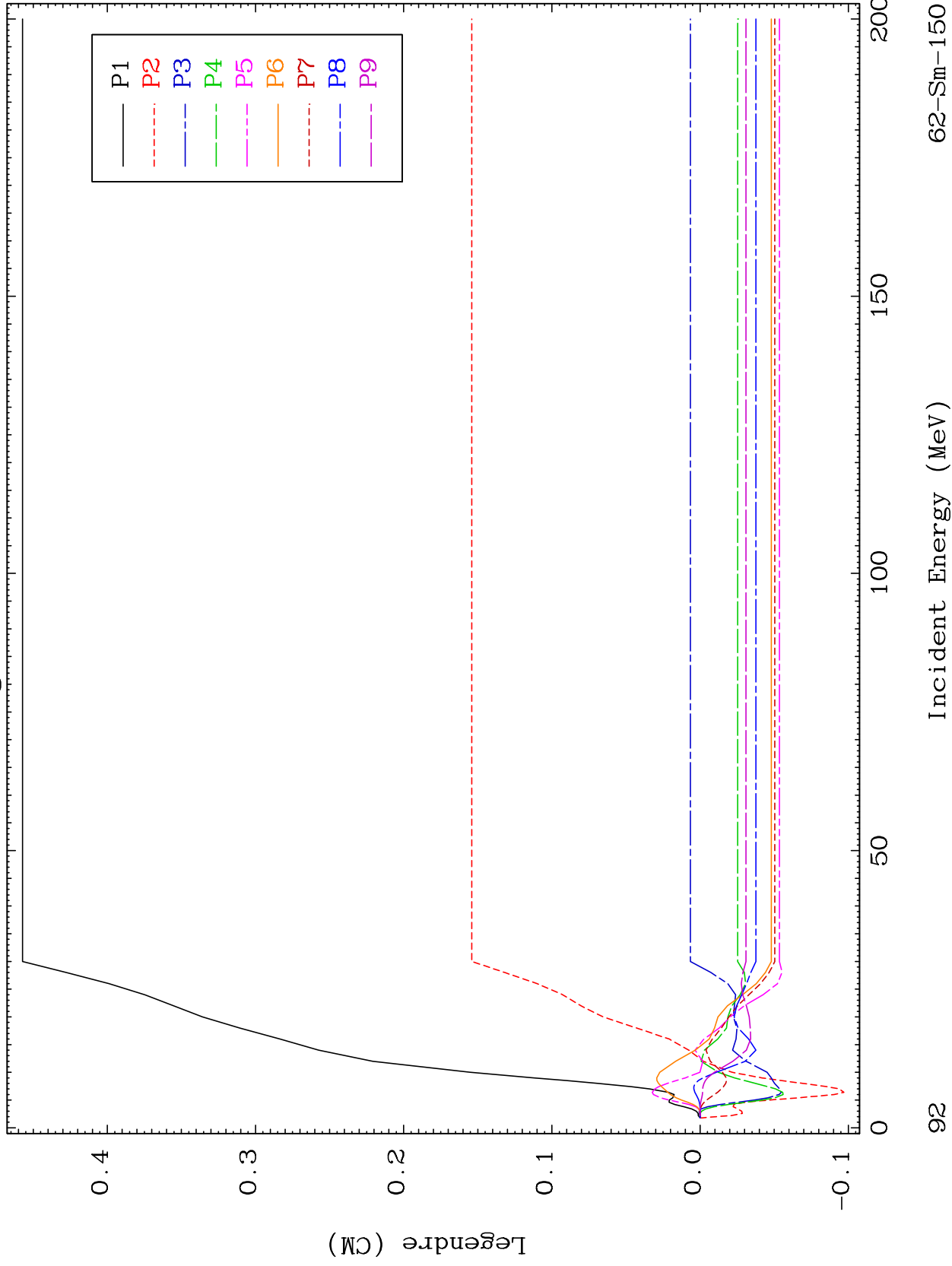
62-Sm-150



MAT 6243

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

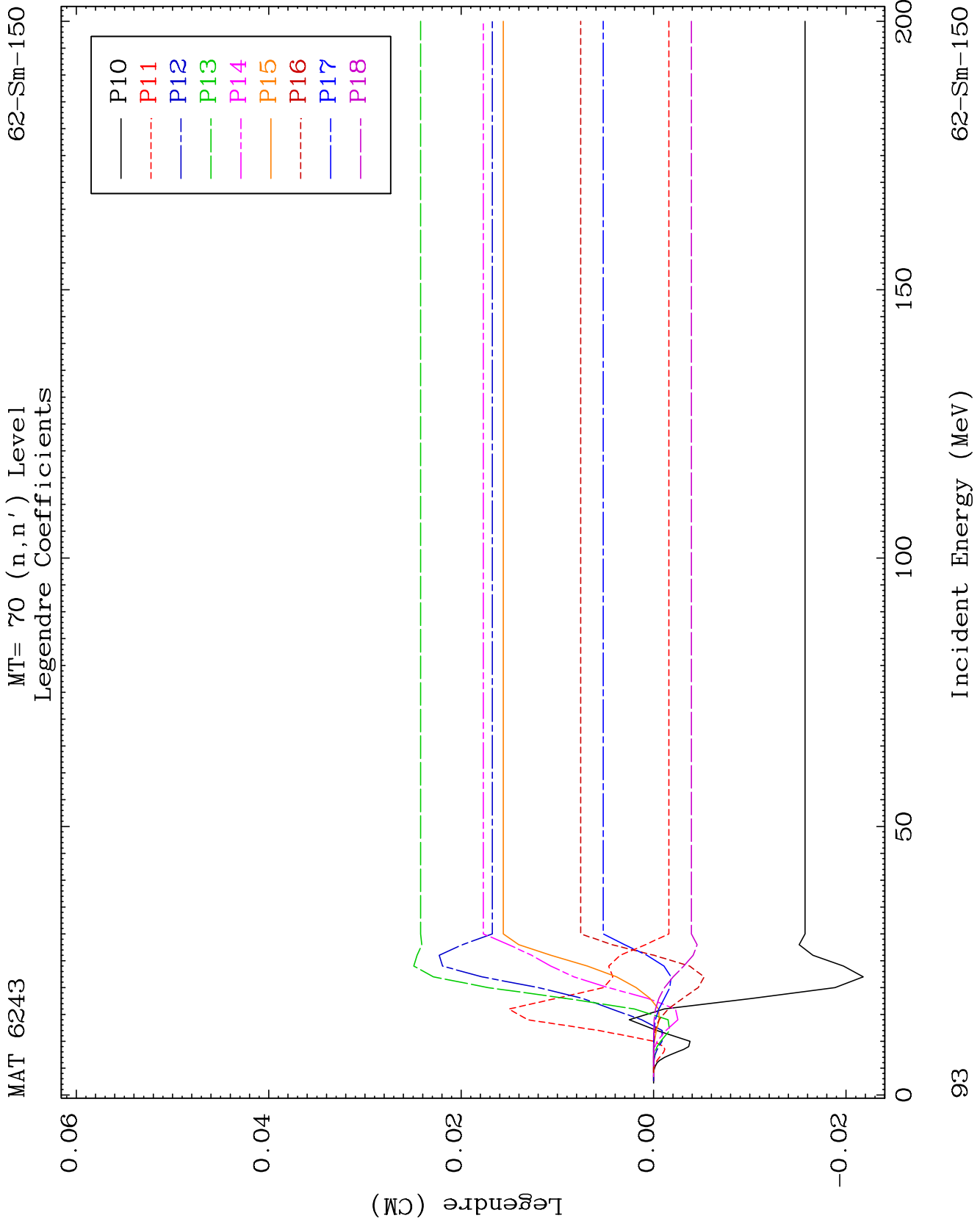
62-Sm-150



62-Sm-150

Incident Energy (MeV)

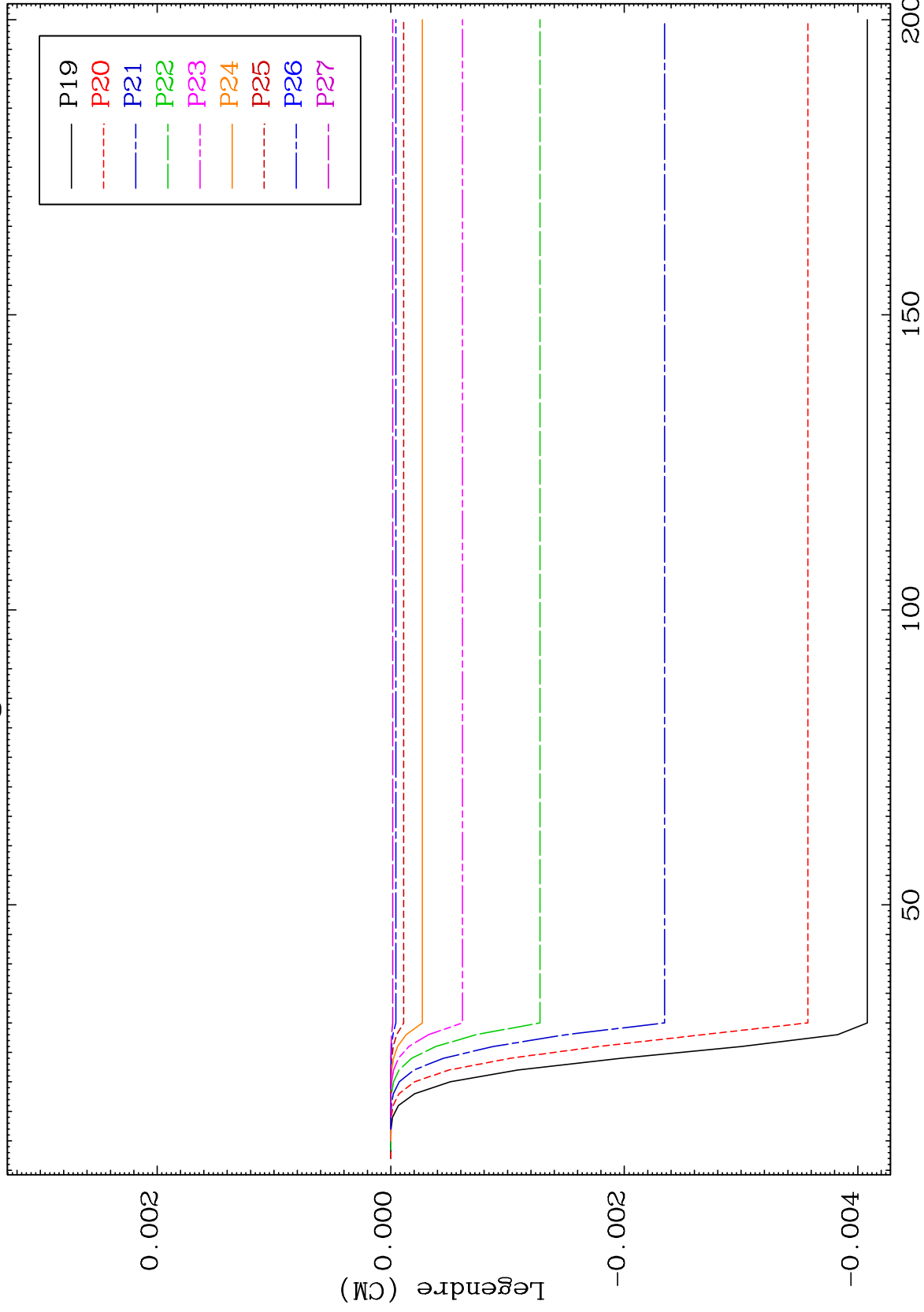
92



MAT 6243

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

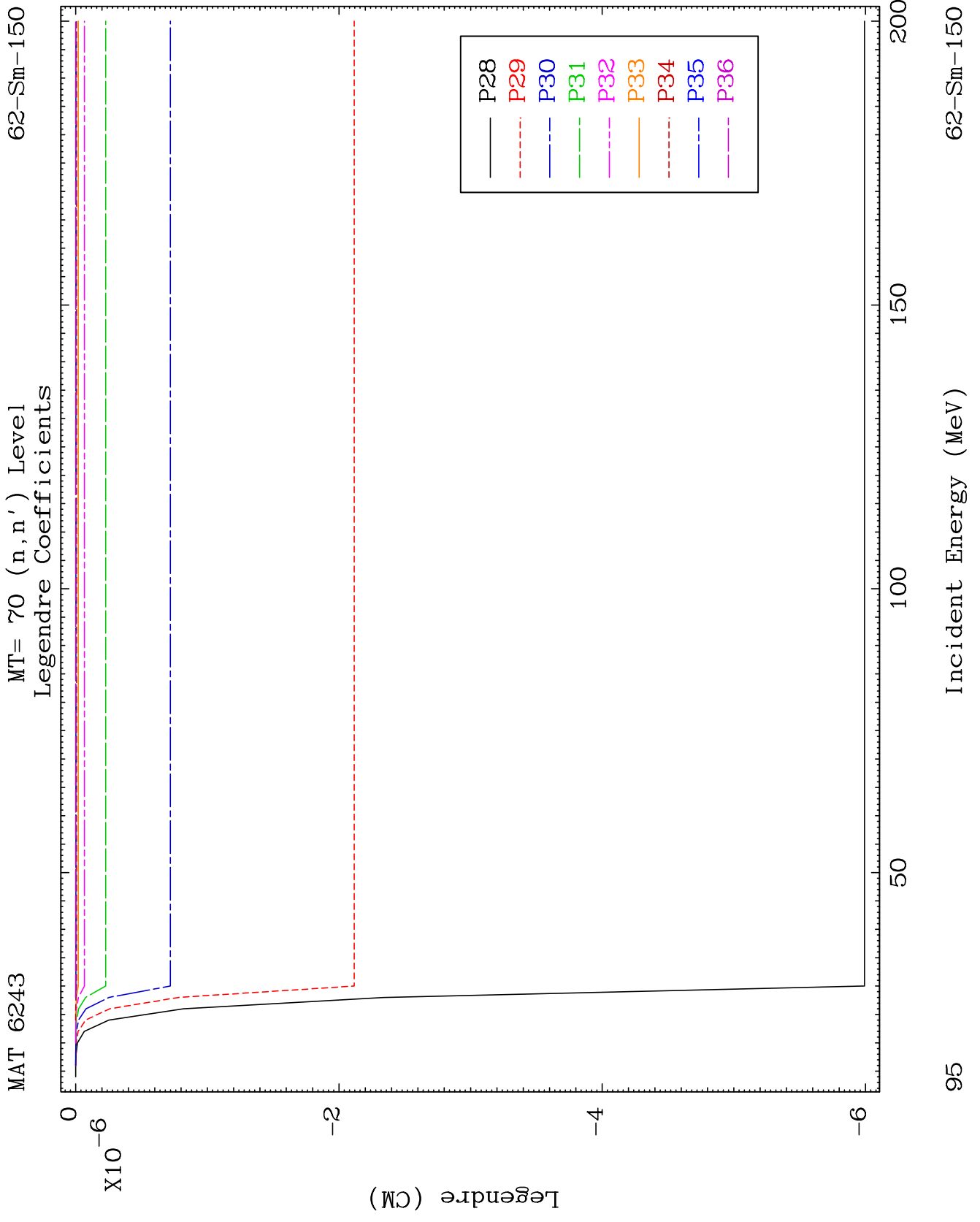
62-Sm-150



94

Incident Energy (MeV)

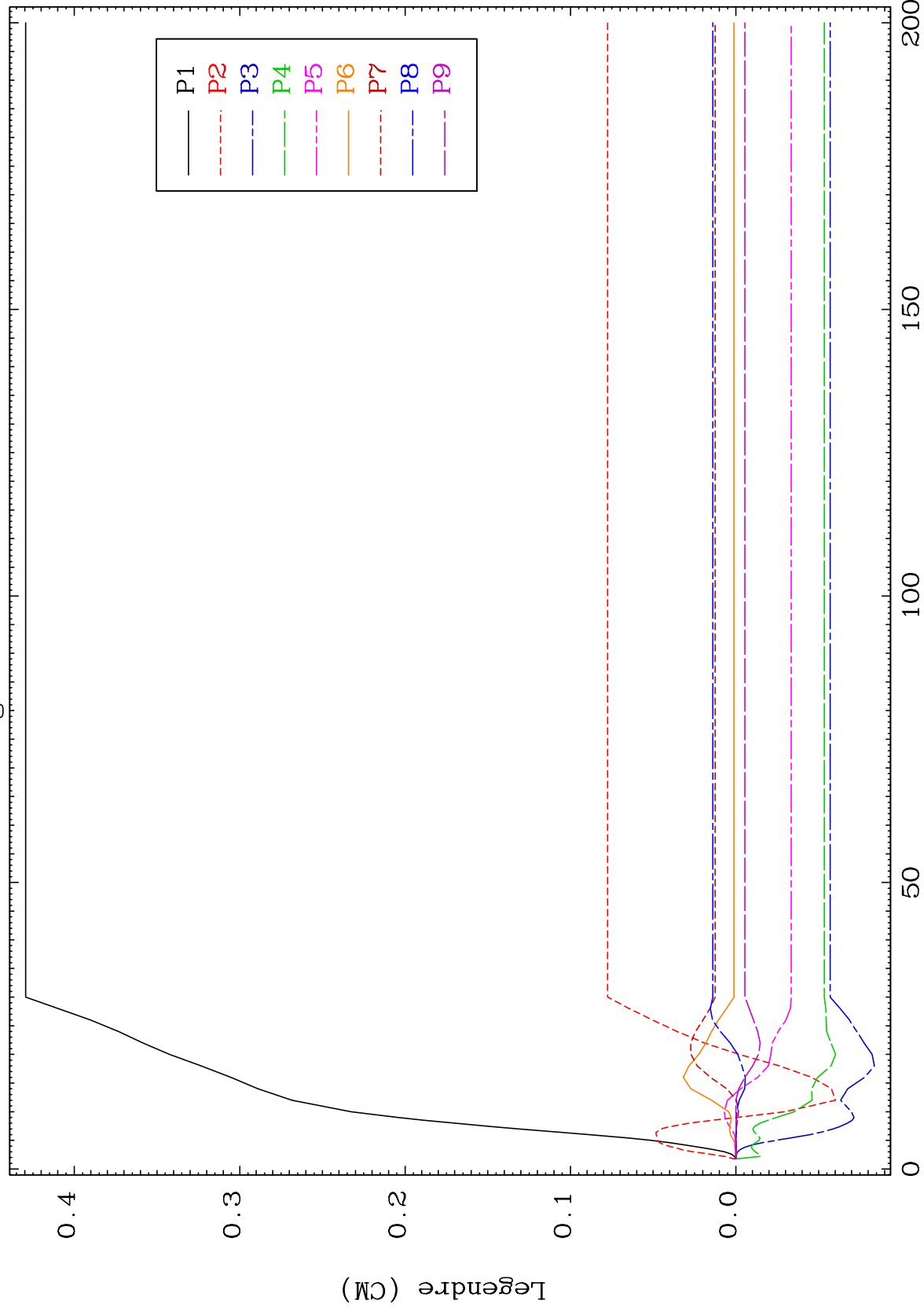
62-Sm-150



MAT 6243

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

62-Sm-150



96

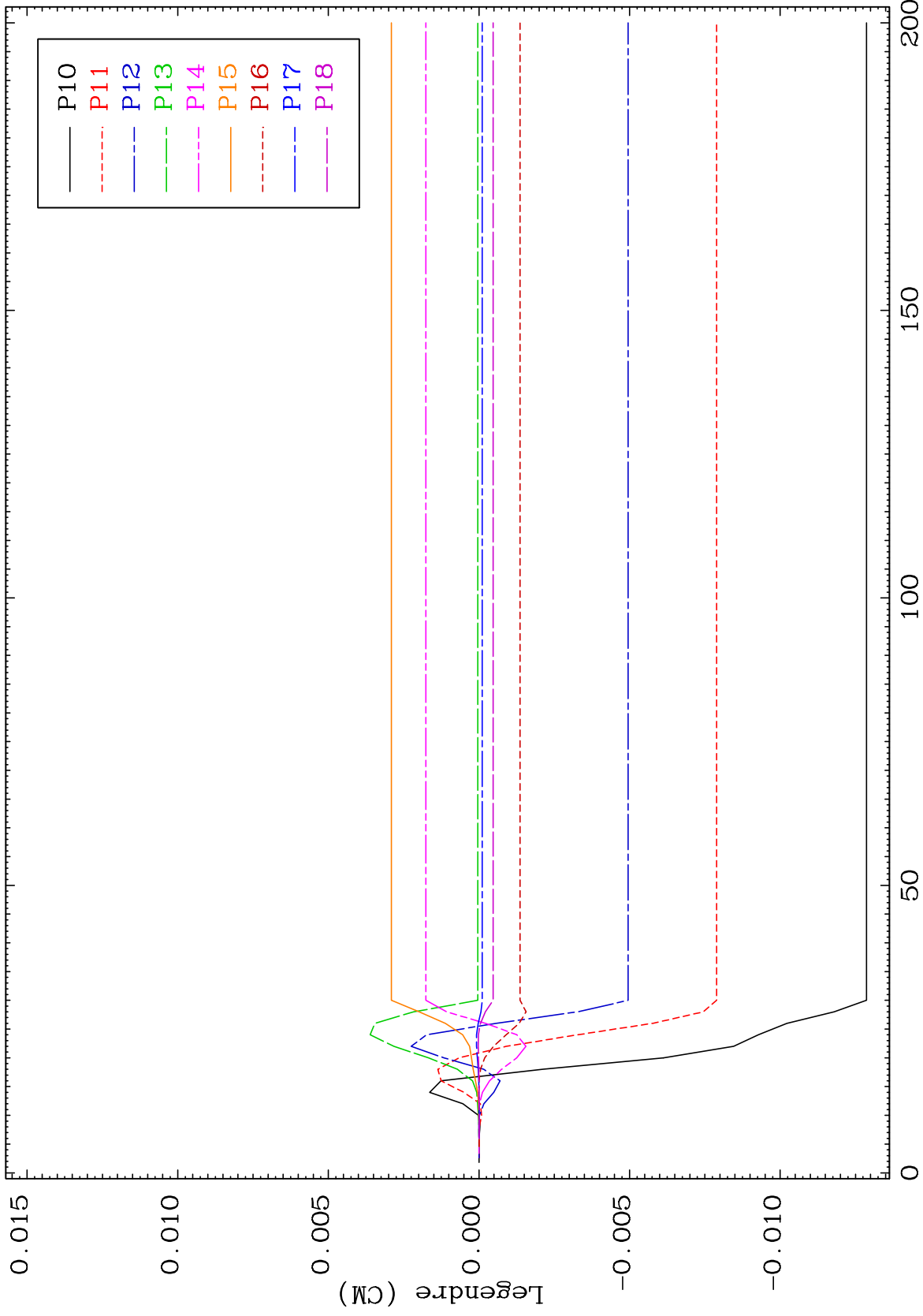
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

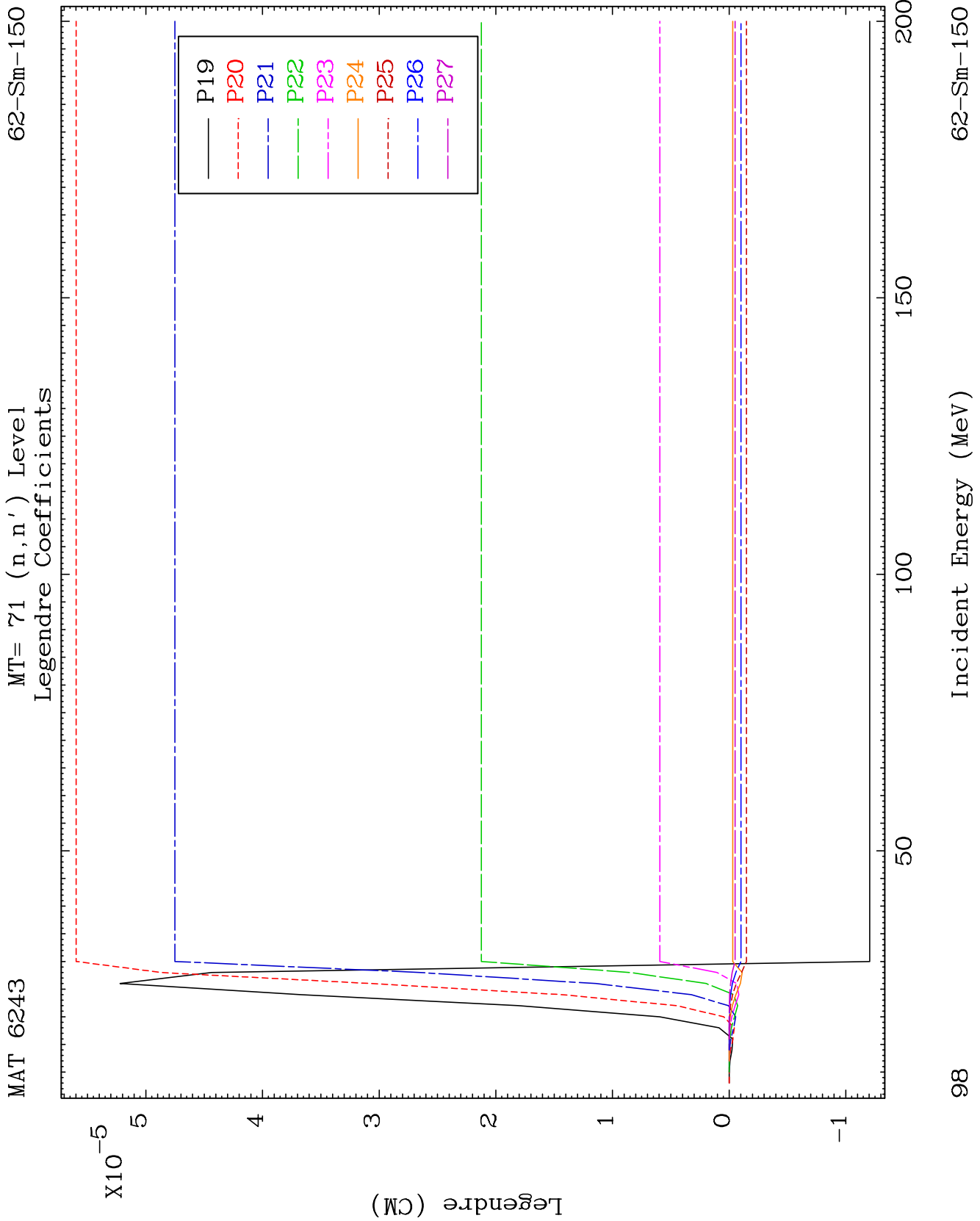
62-Sm-150

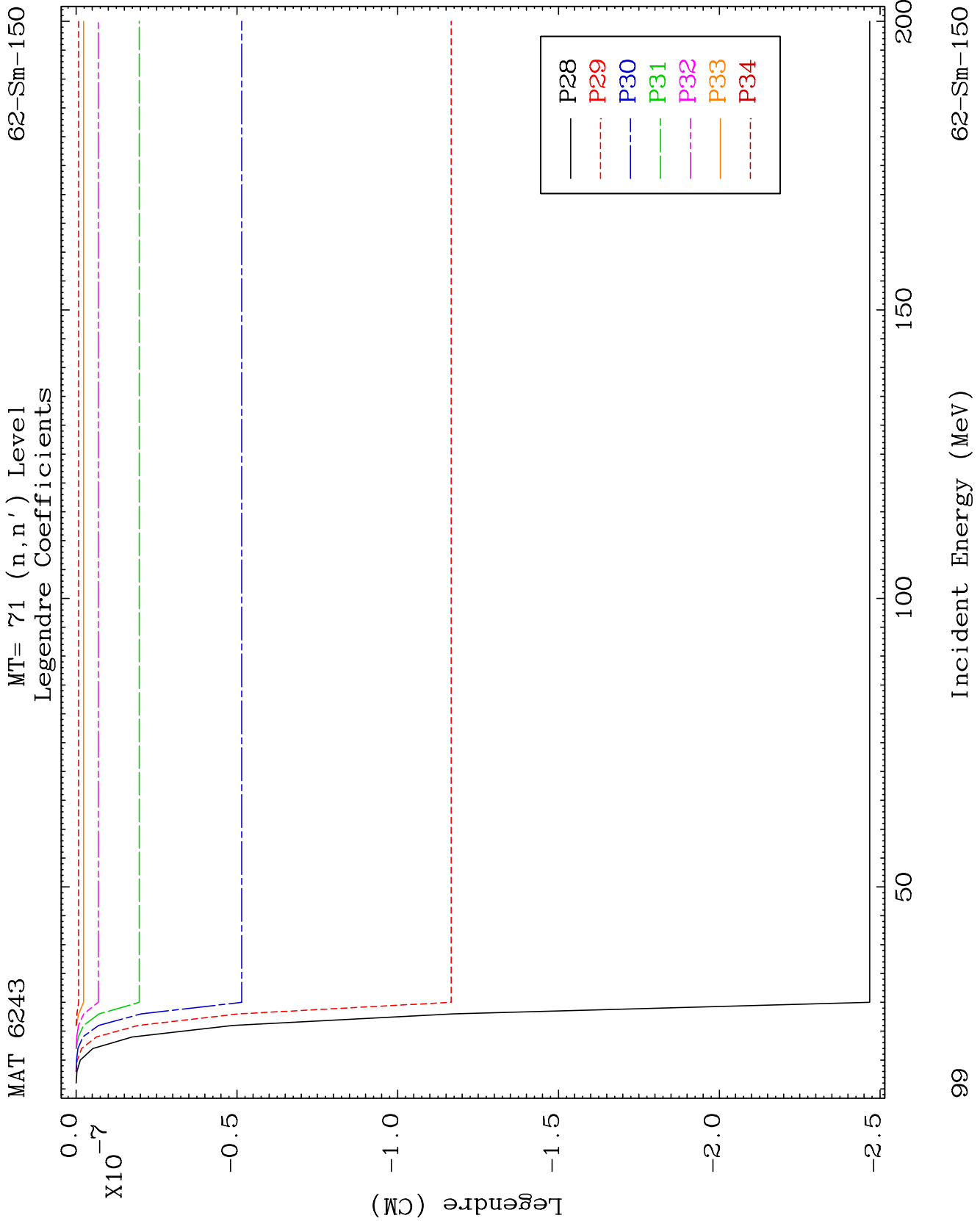


97

Incident Energy (MeV)

62-Sm-150

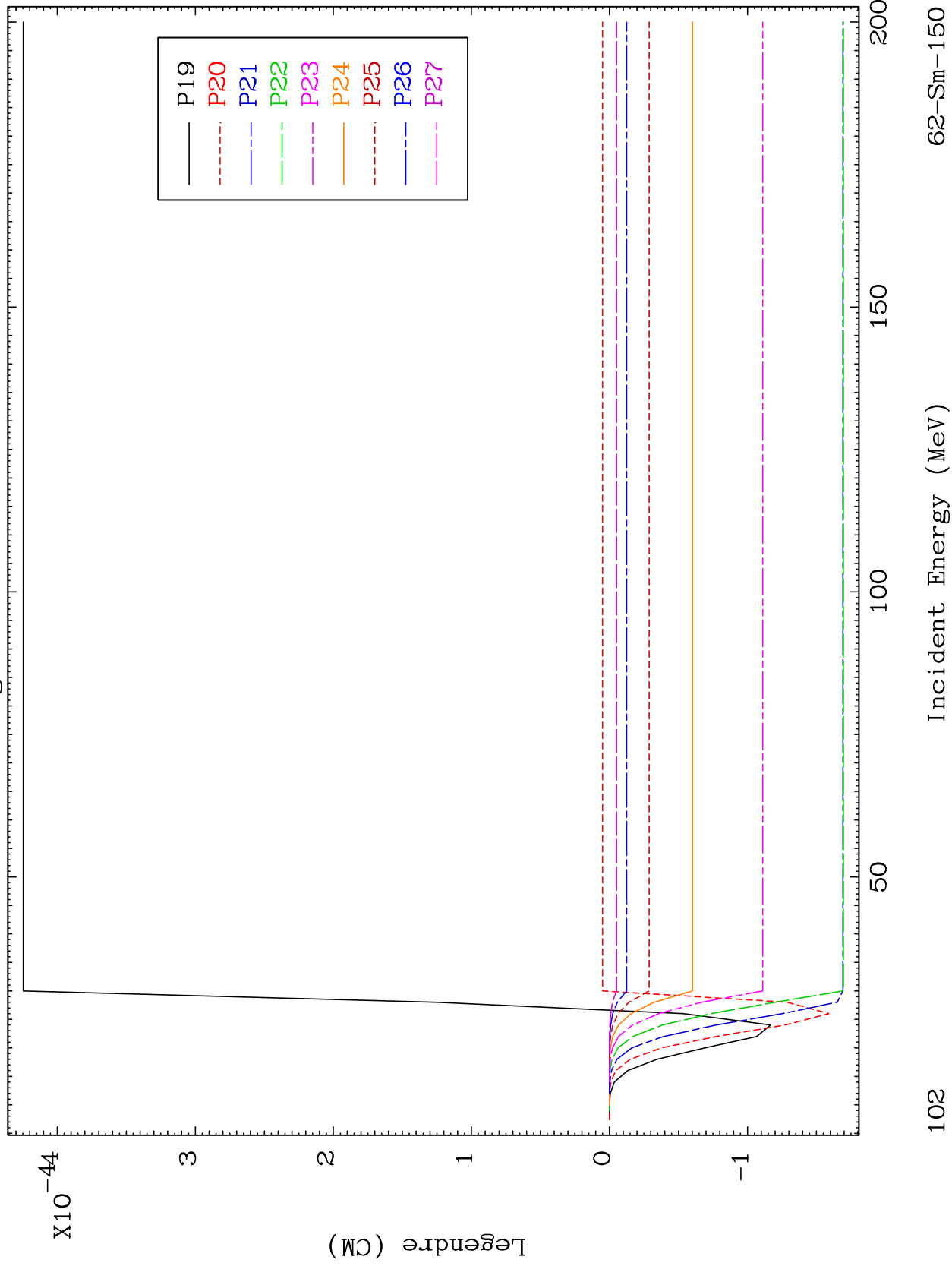




MAT 6243

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

62-Sm-150



102

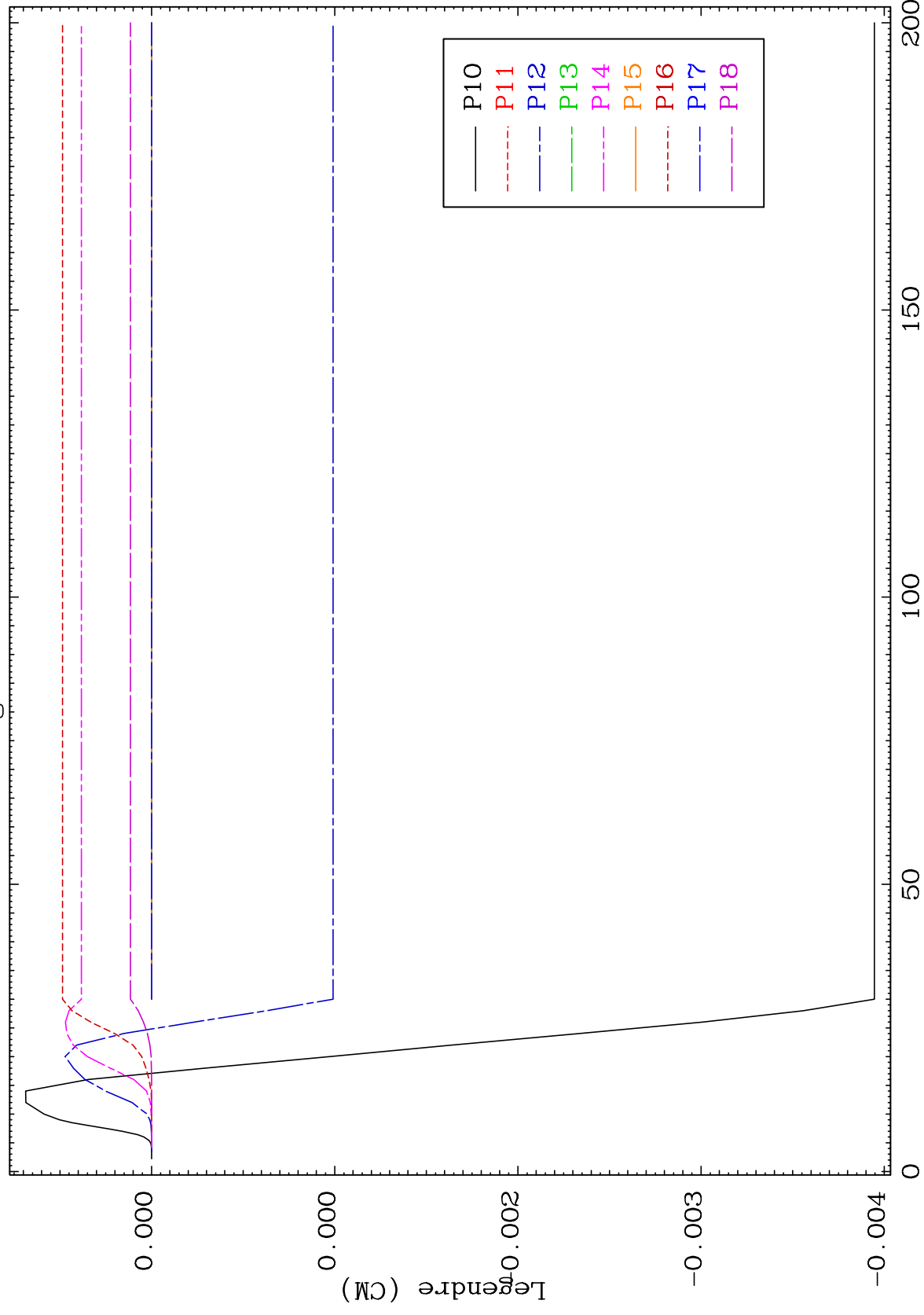
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

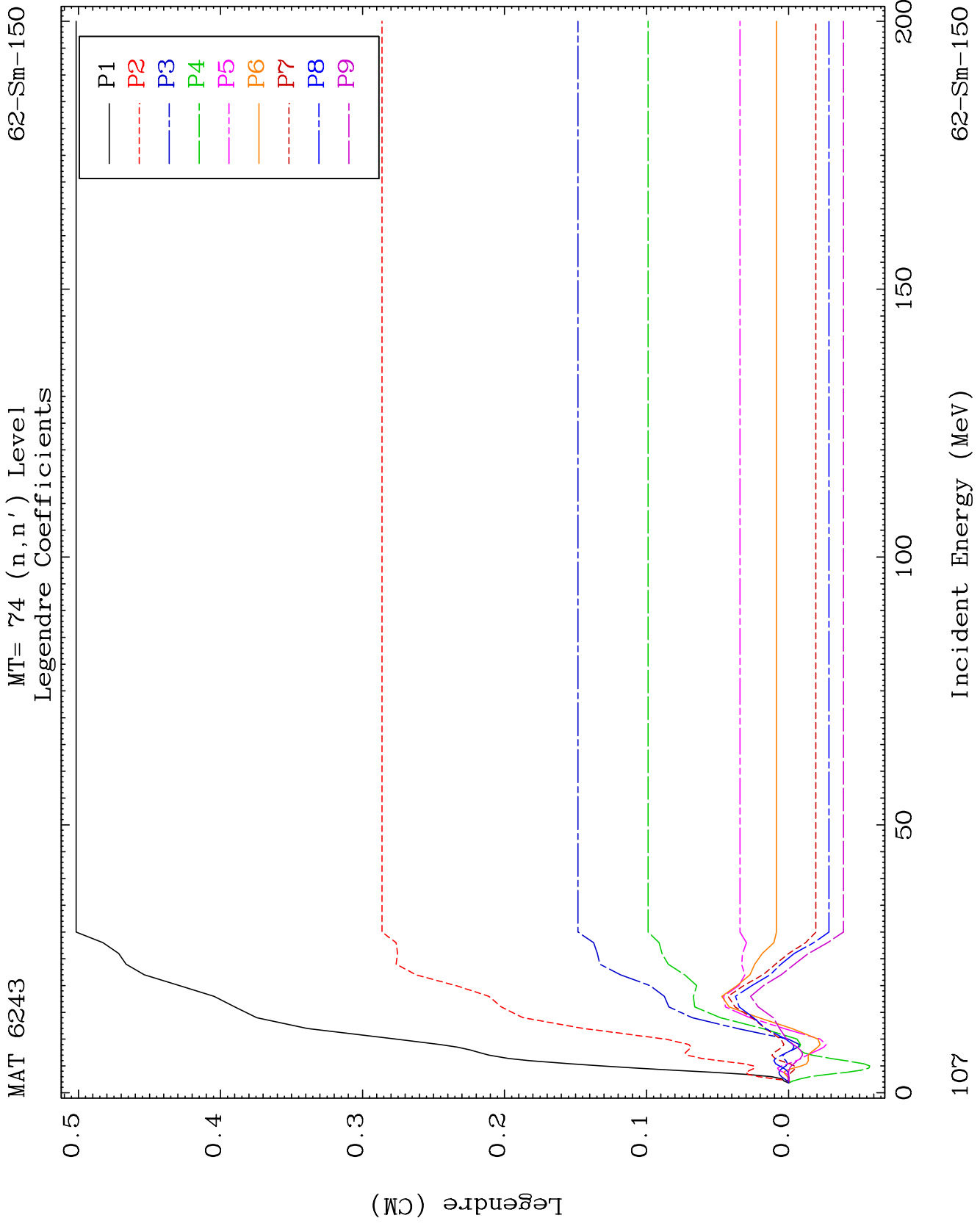
62-Sm-150



105

Incident Energy (MeV)

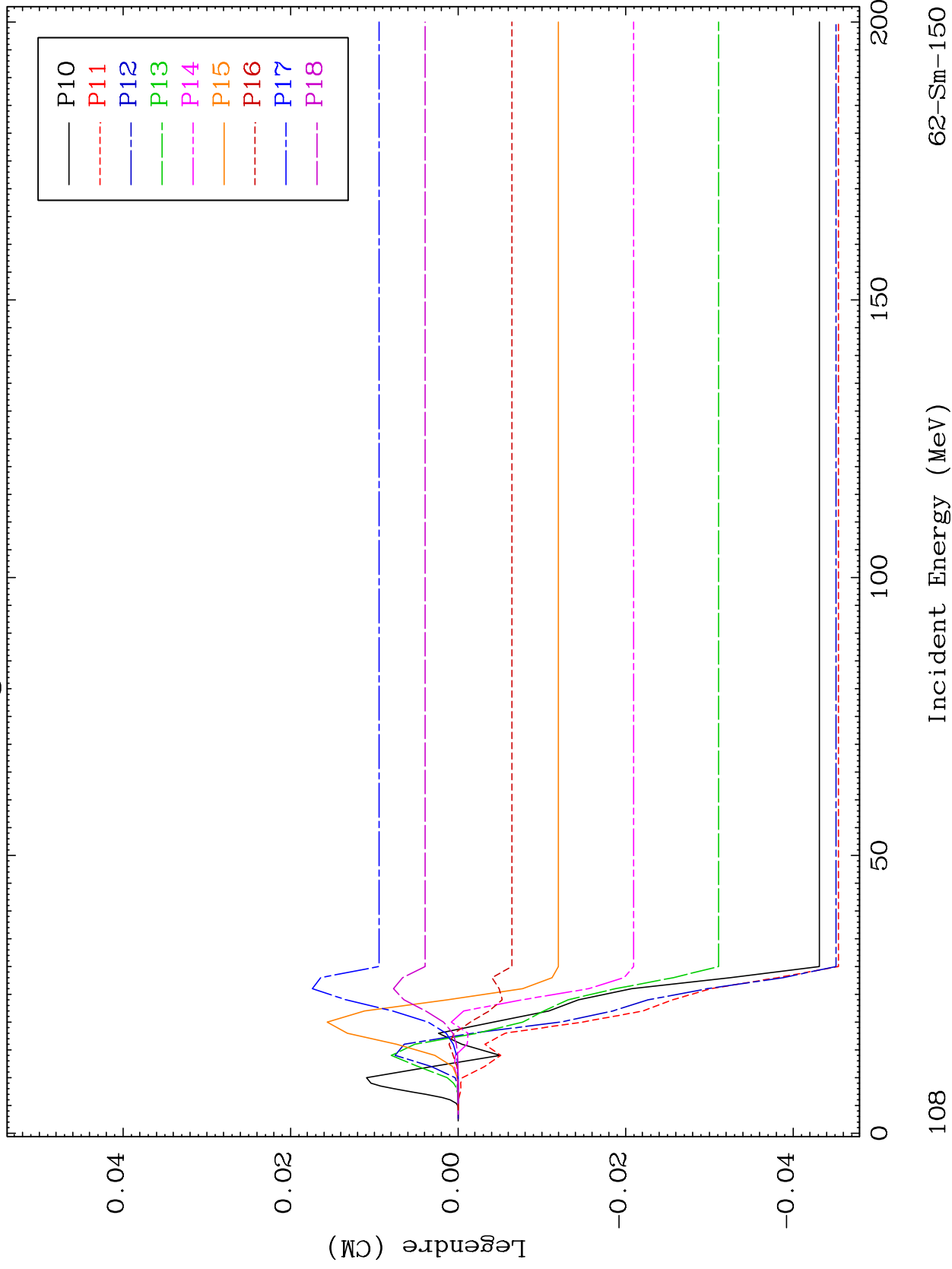
62-Sm-150



MAT 6243

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

62-Sm-150



108

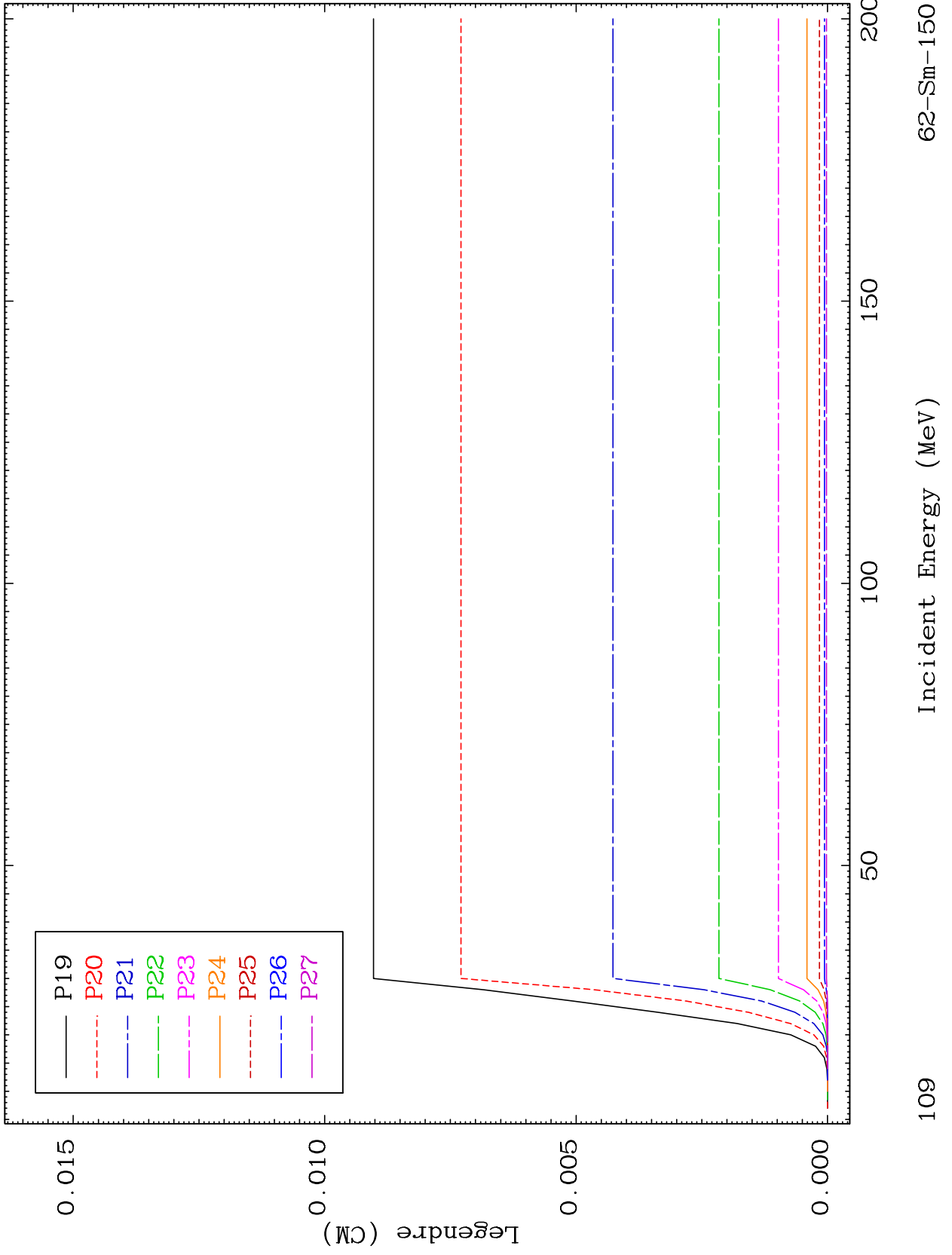
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



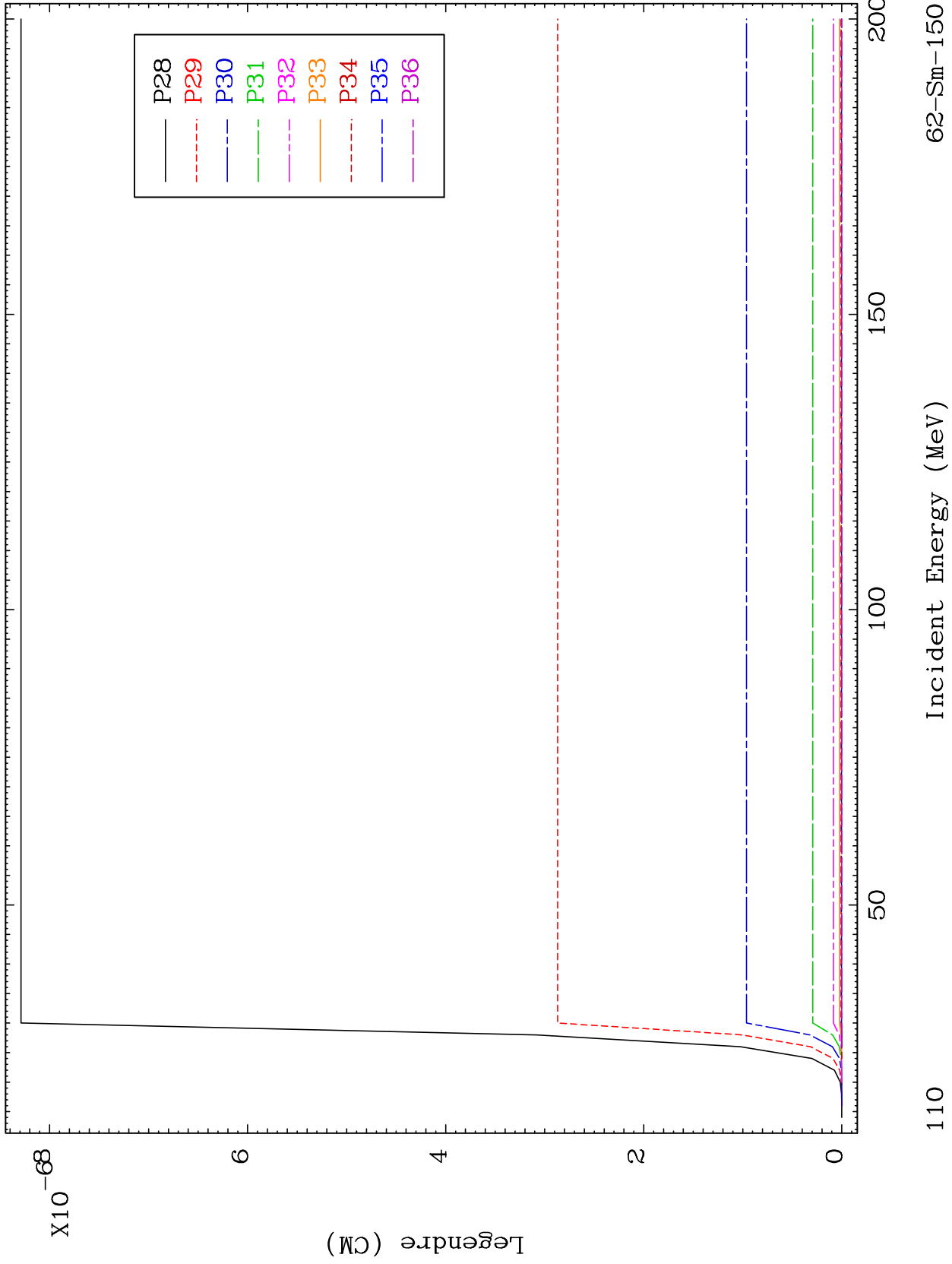
109

62-Sm-150

MAT 6243

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

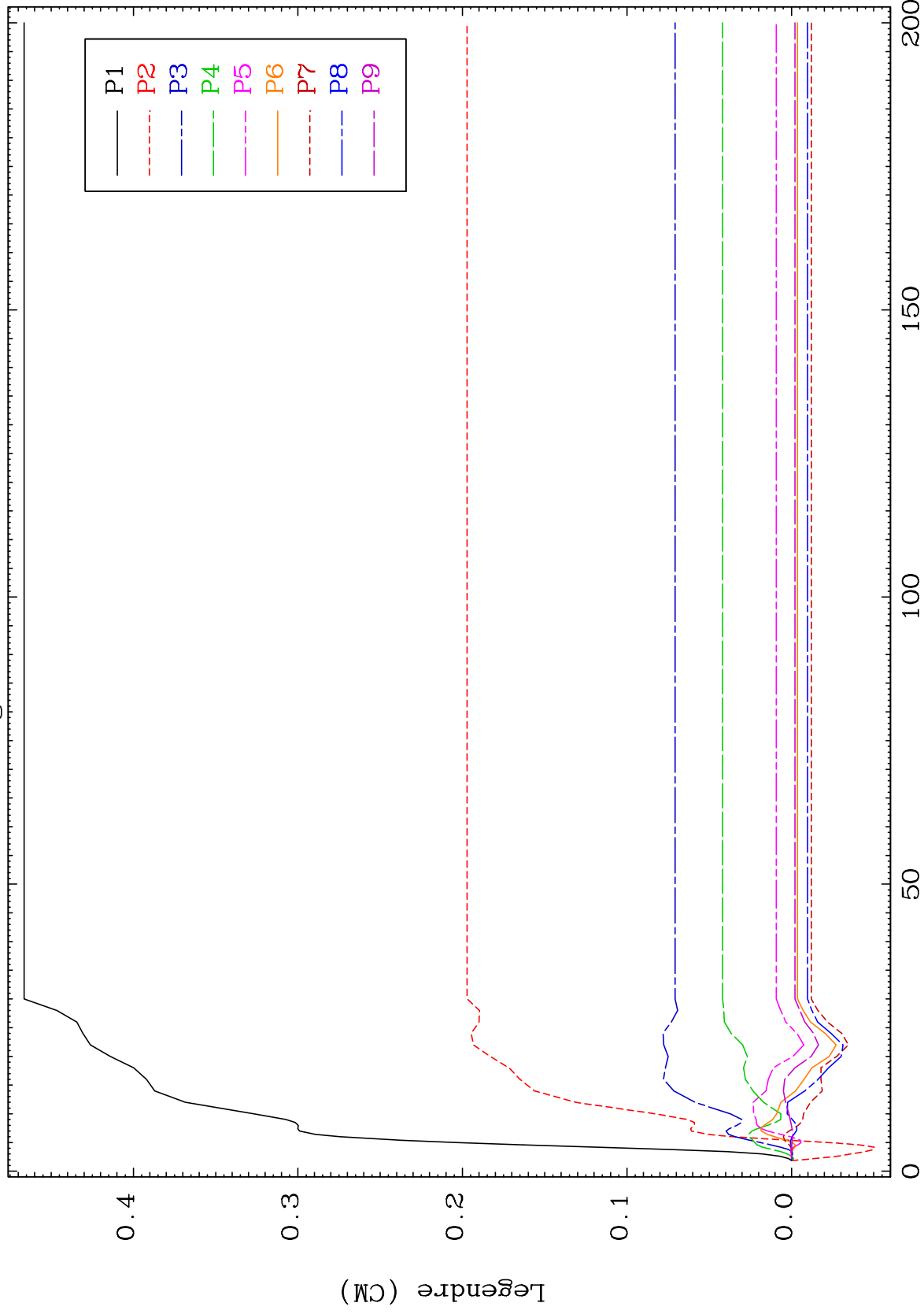
62-Sm-150



MAT 6243

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

62-Sm-150



111

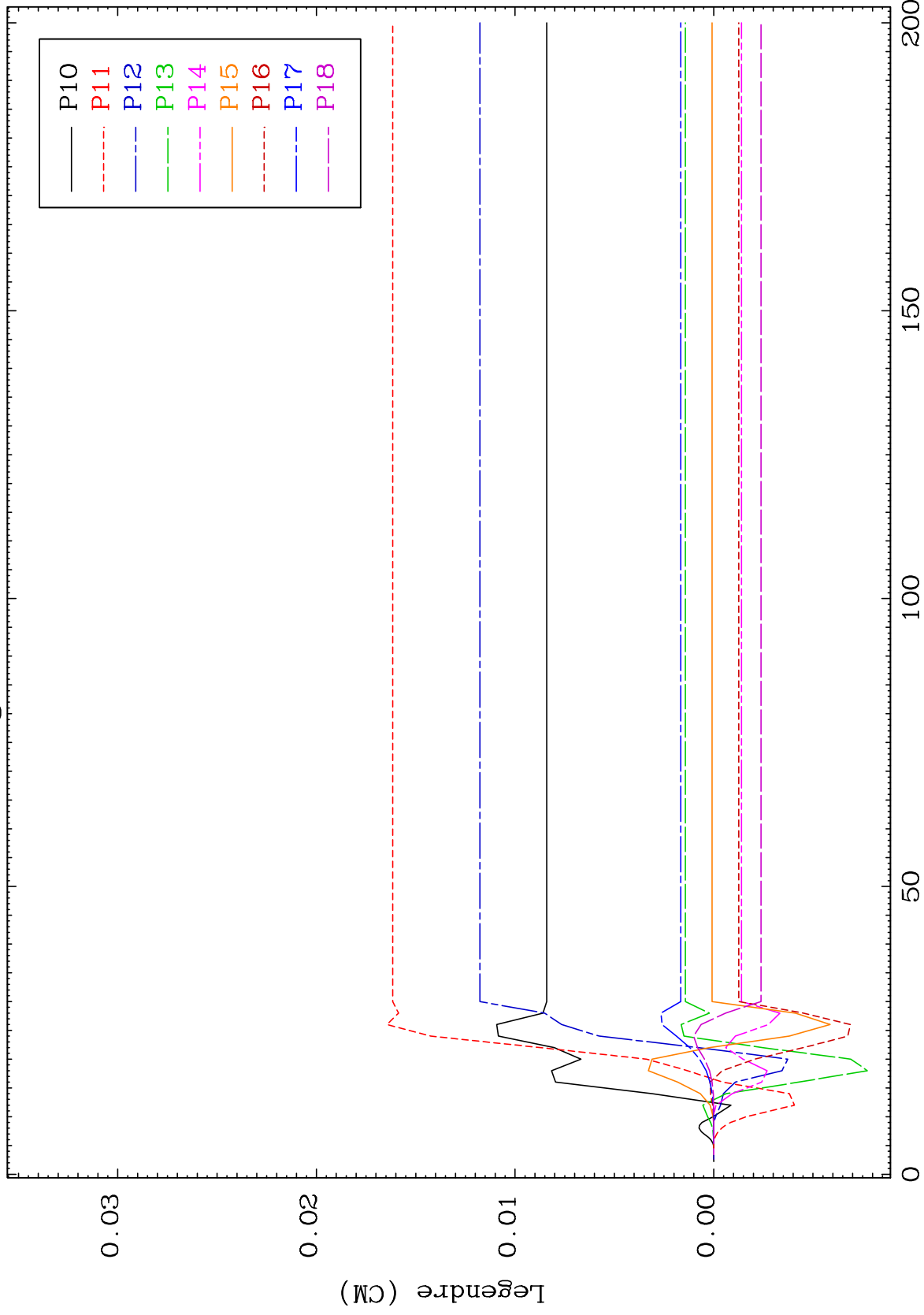
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

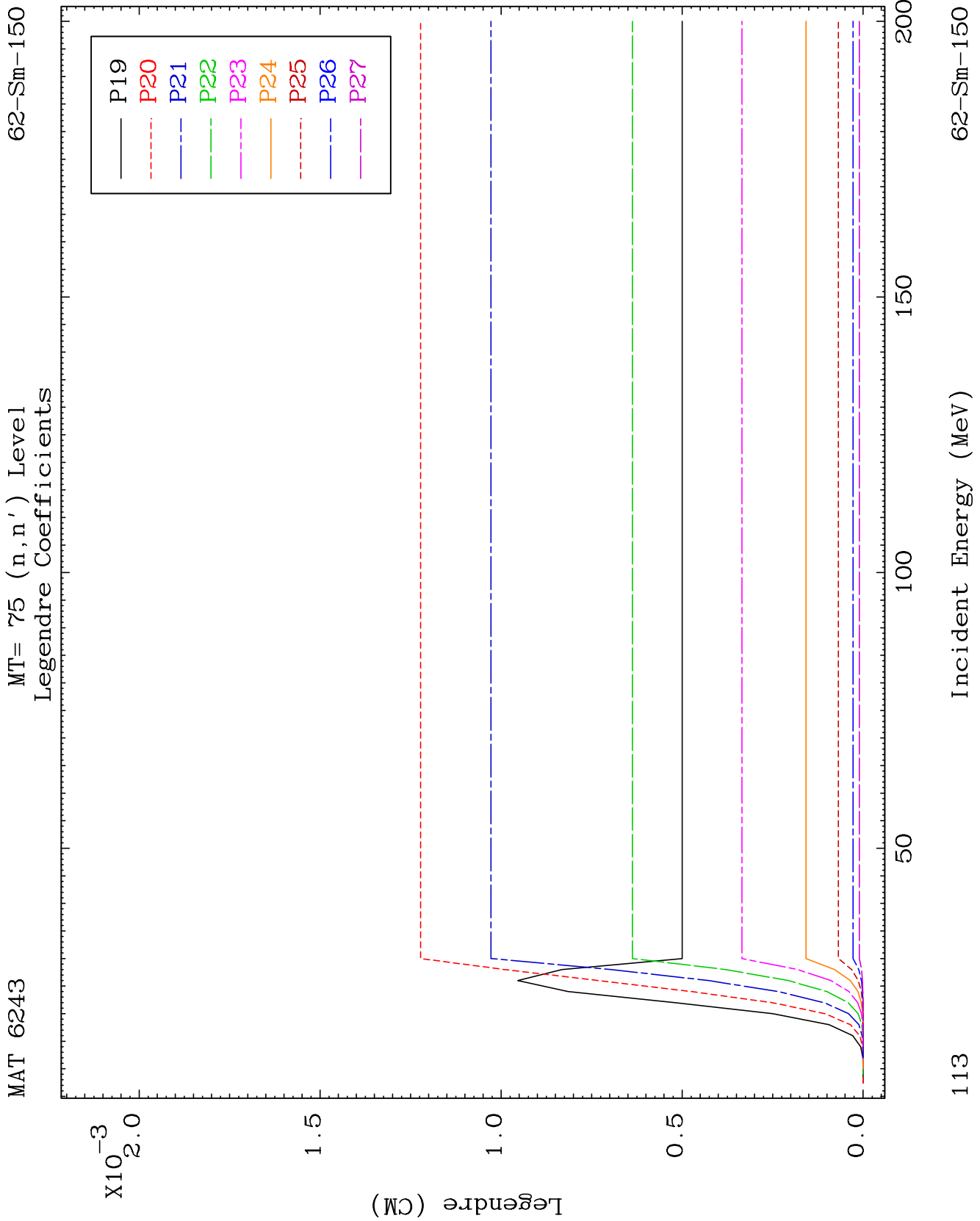
62-Sm-150



112

Incident Energy (MeV)

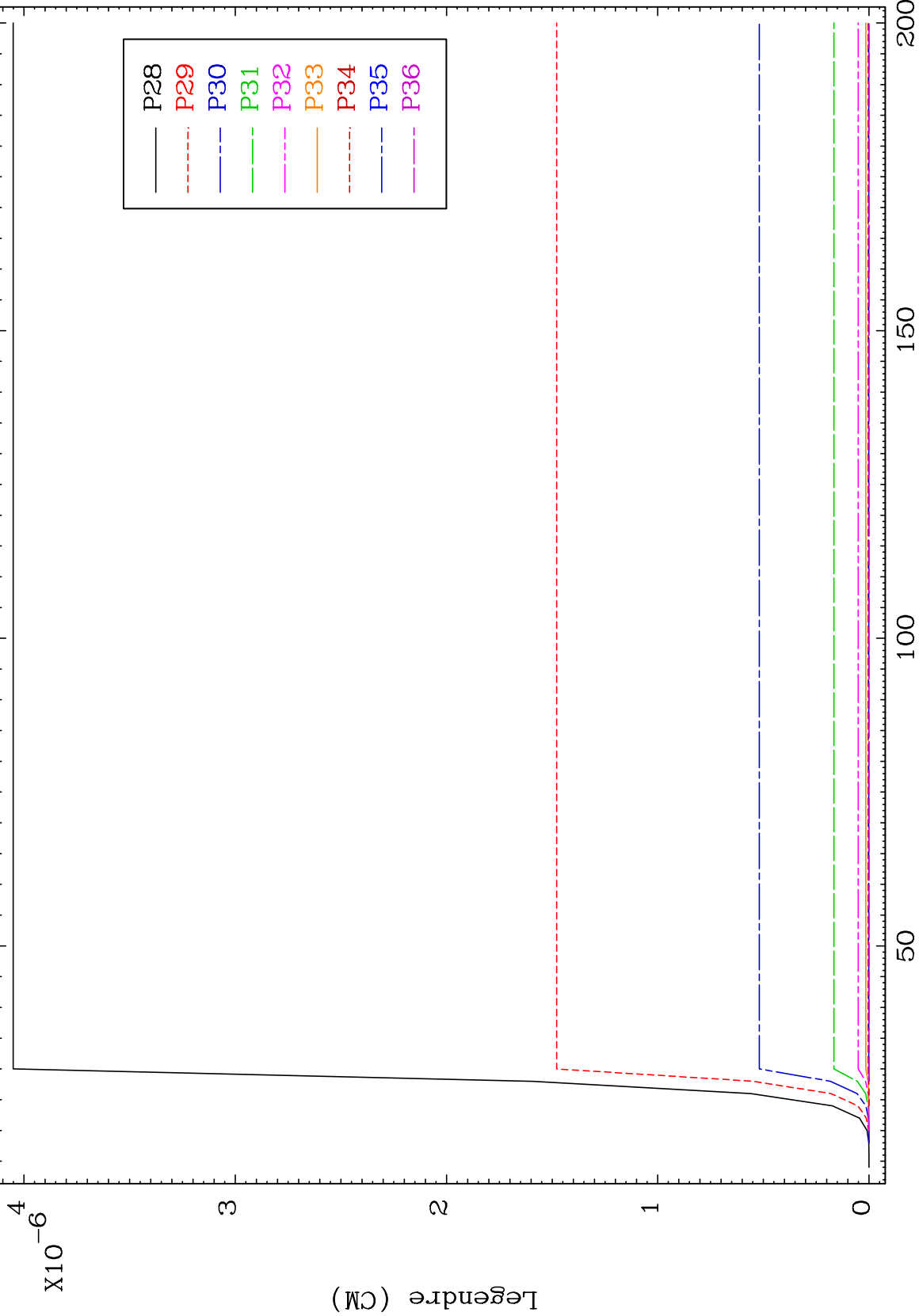
62-Sm-150



MAT 6243

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

62-Sm-150



114

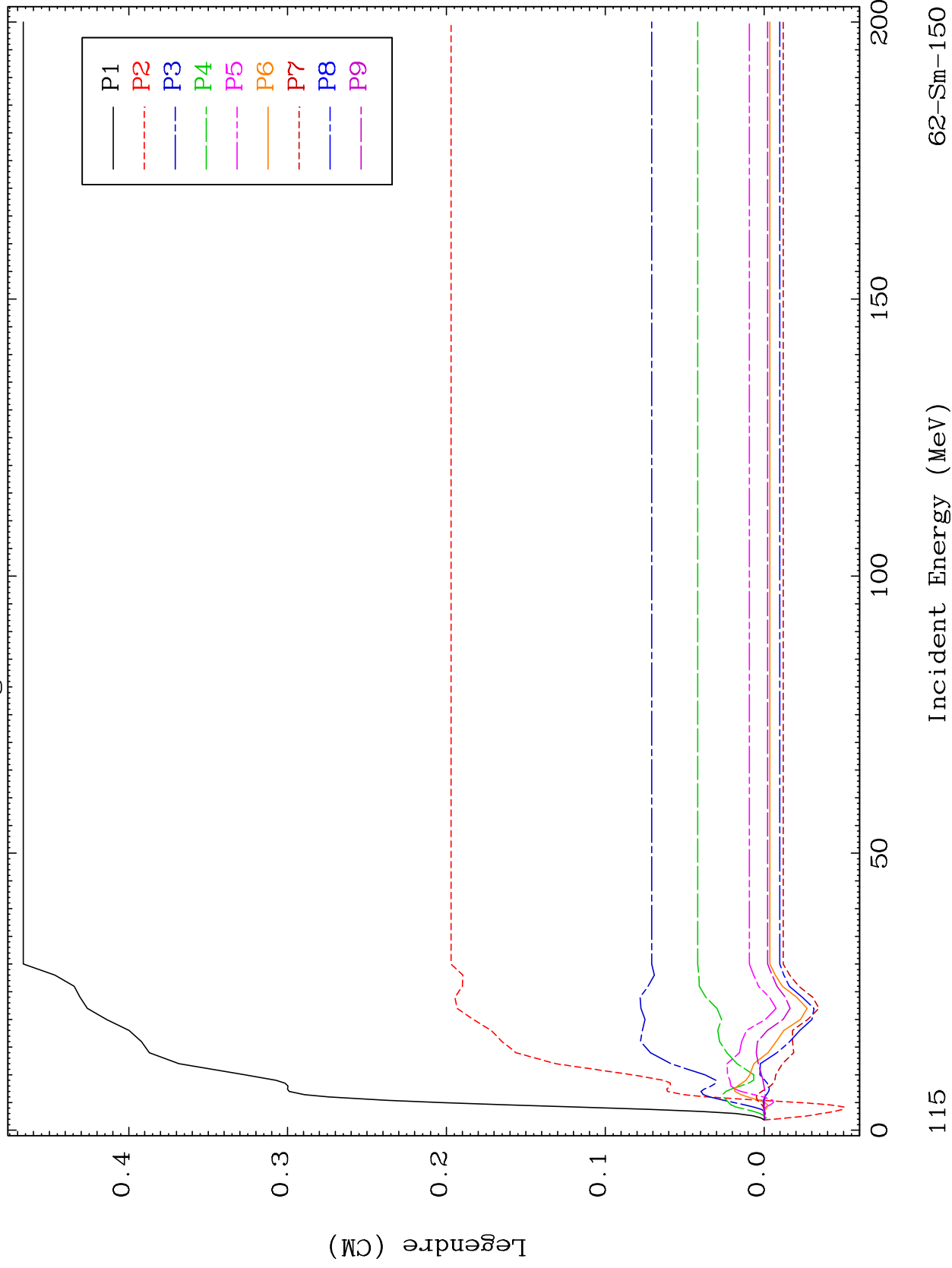
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

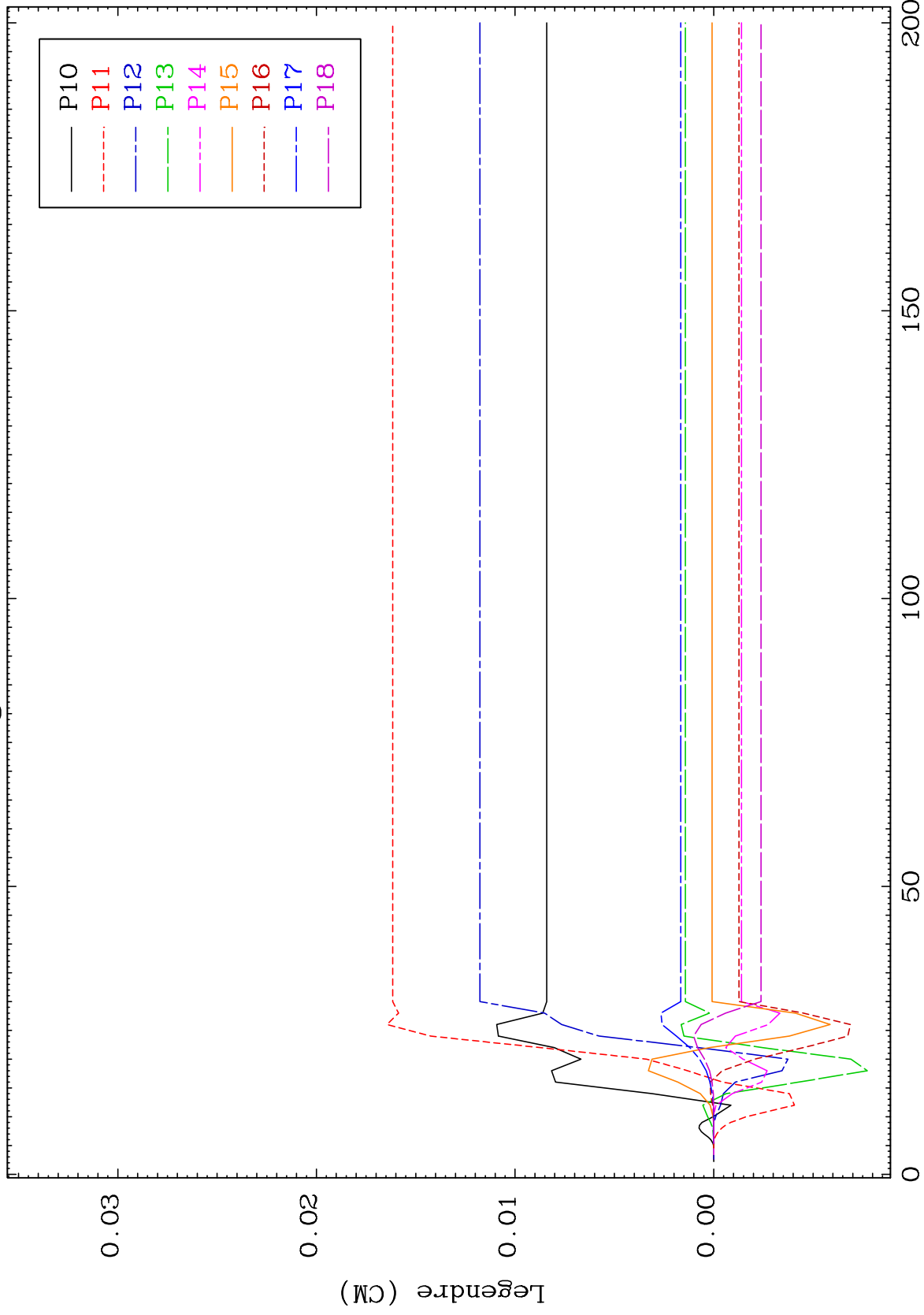
Incident Energy (MeV)

115

MAT 6243

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

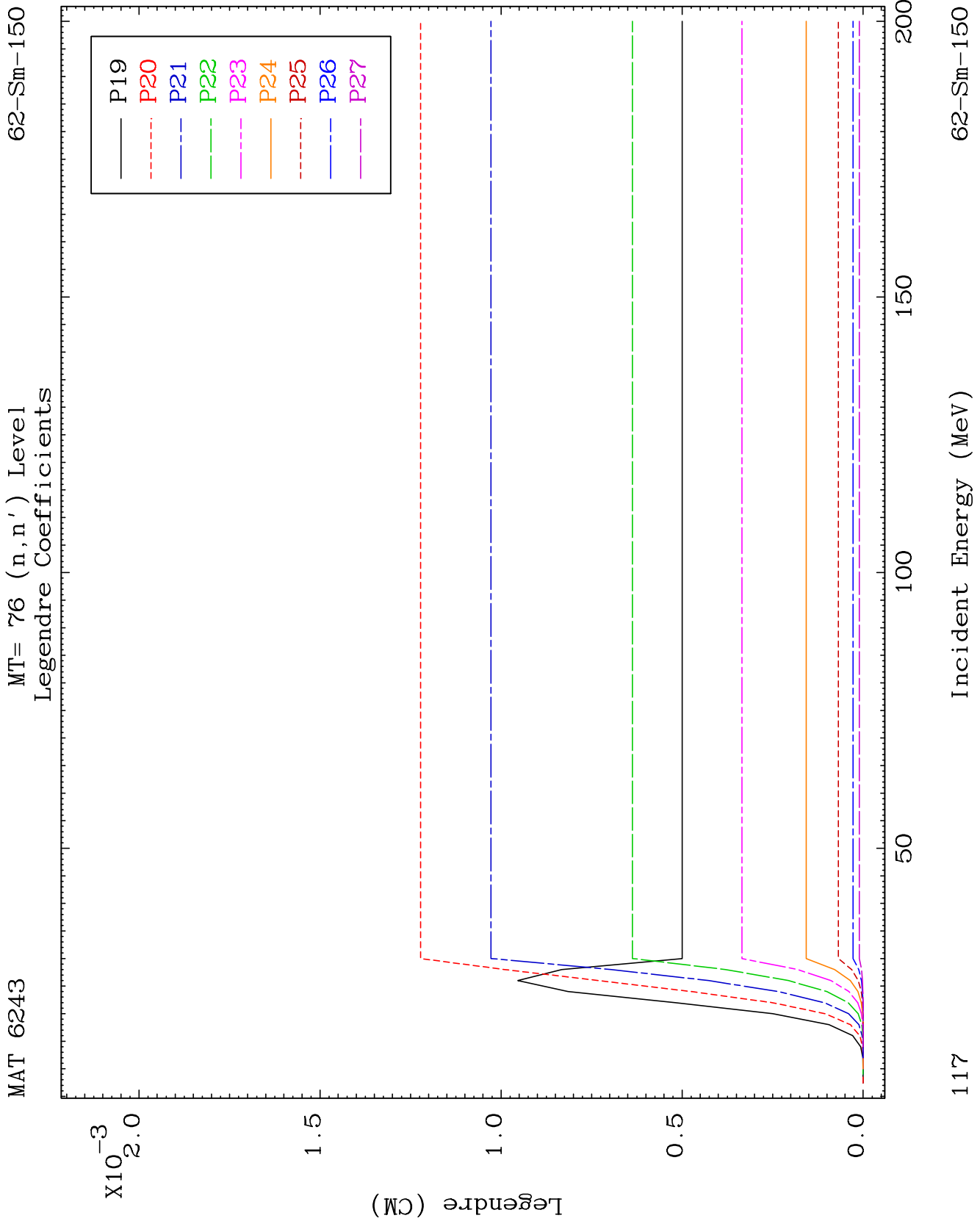
62-Sm-150



116

Incident Energy (MeV)

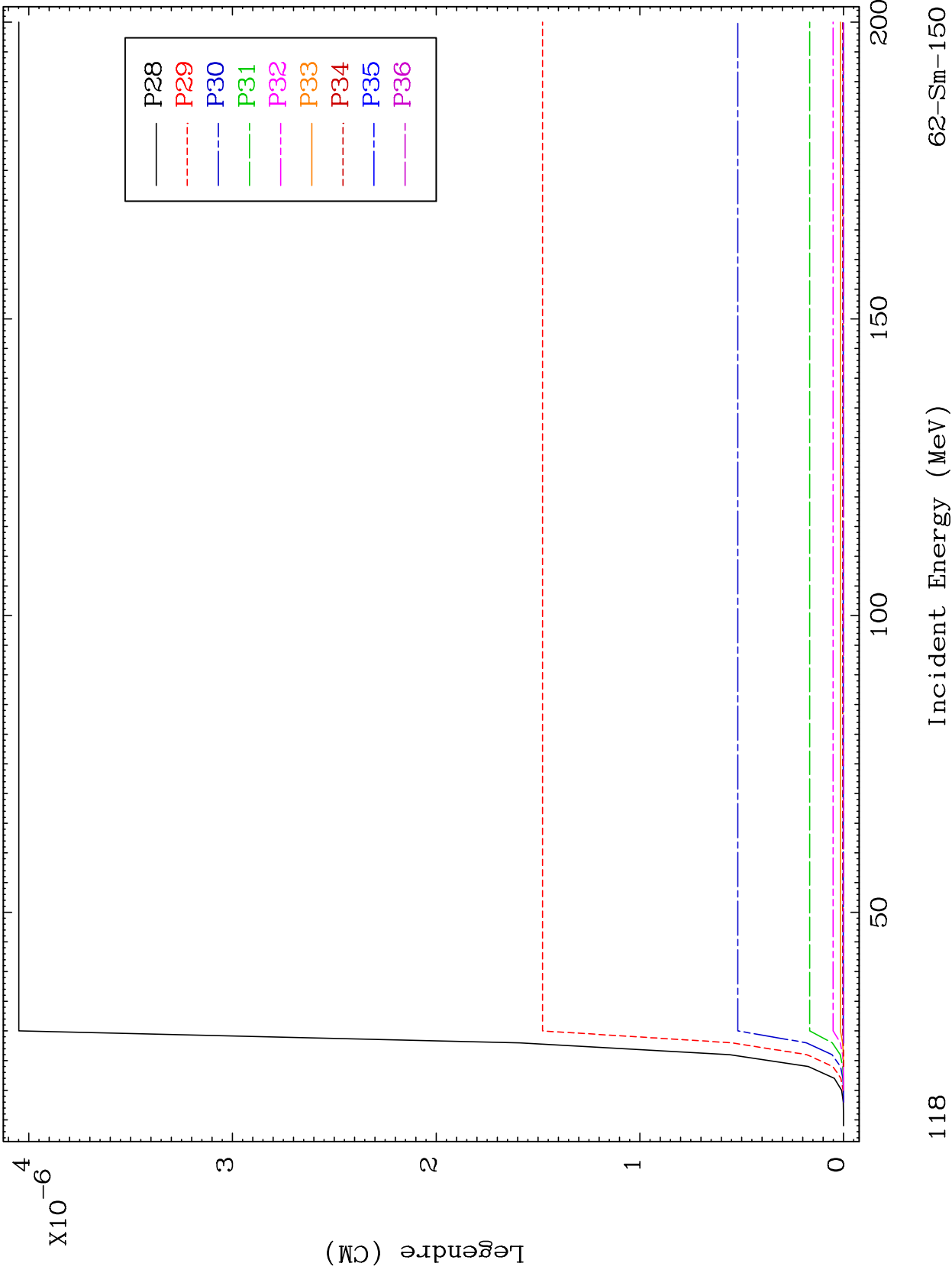
62-Sm-150



MAT 6243

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

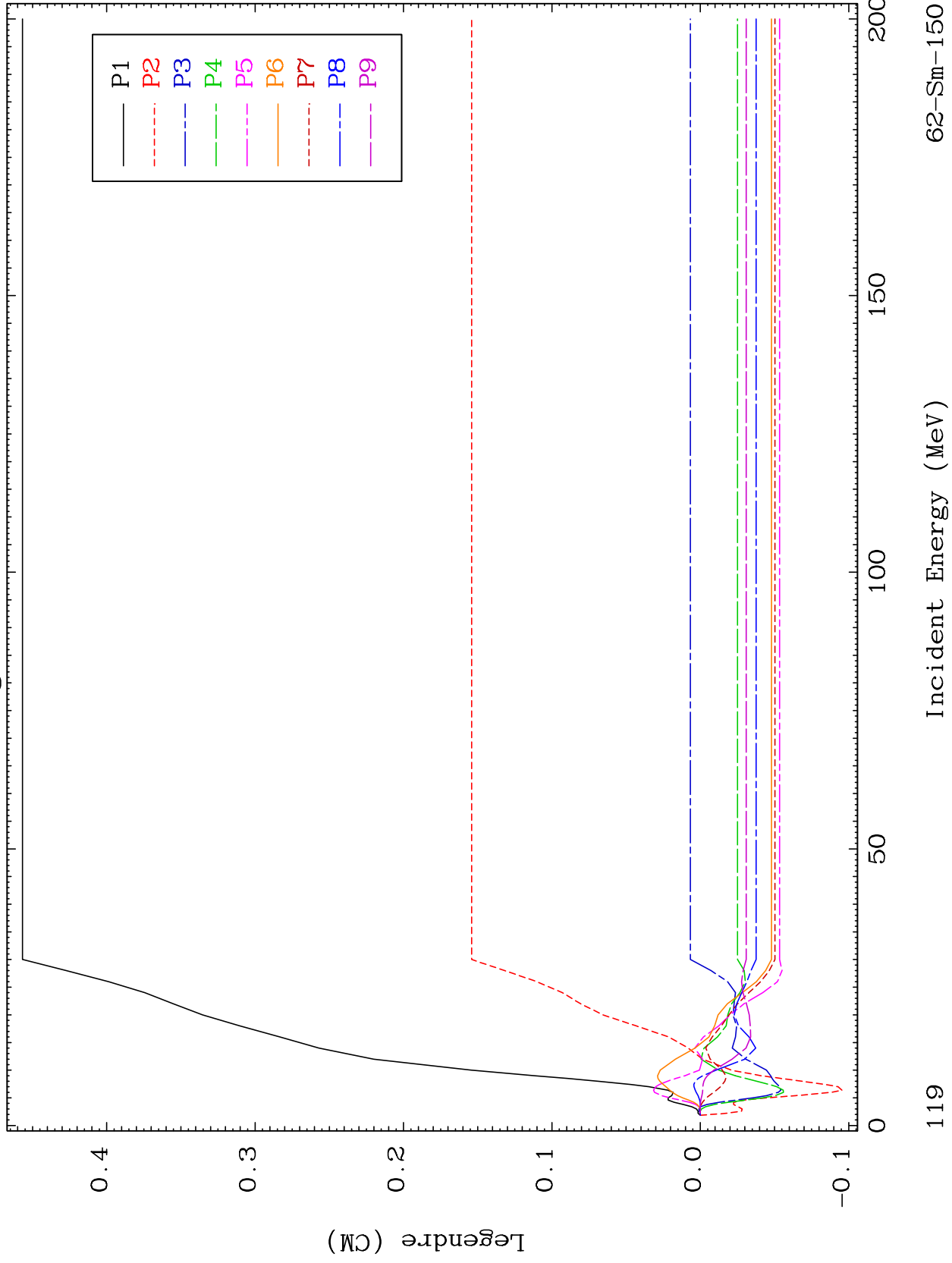
62-Sm-150



MAT 6243

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

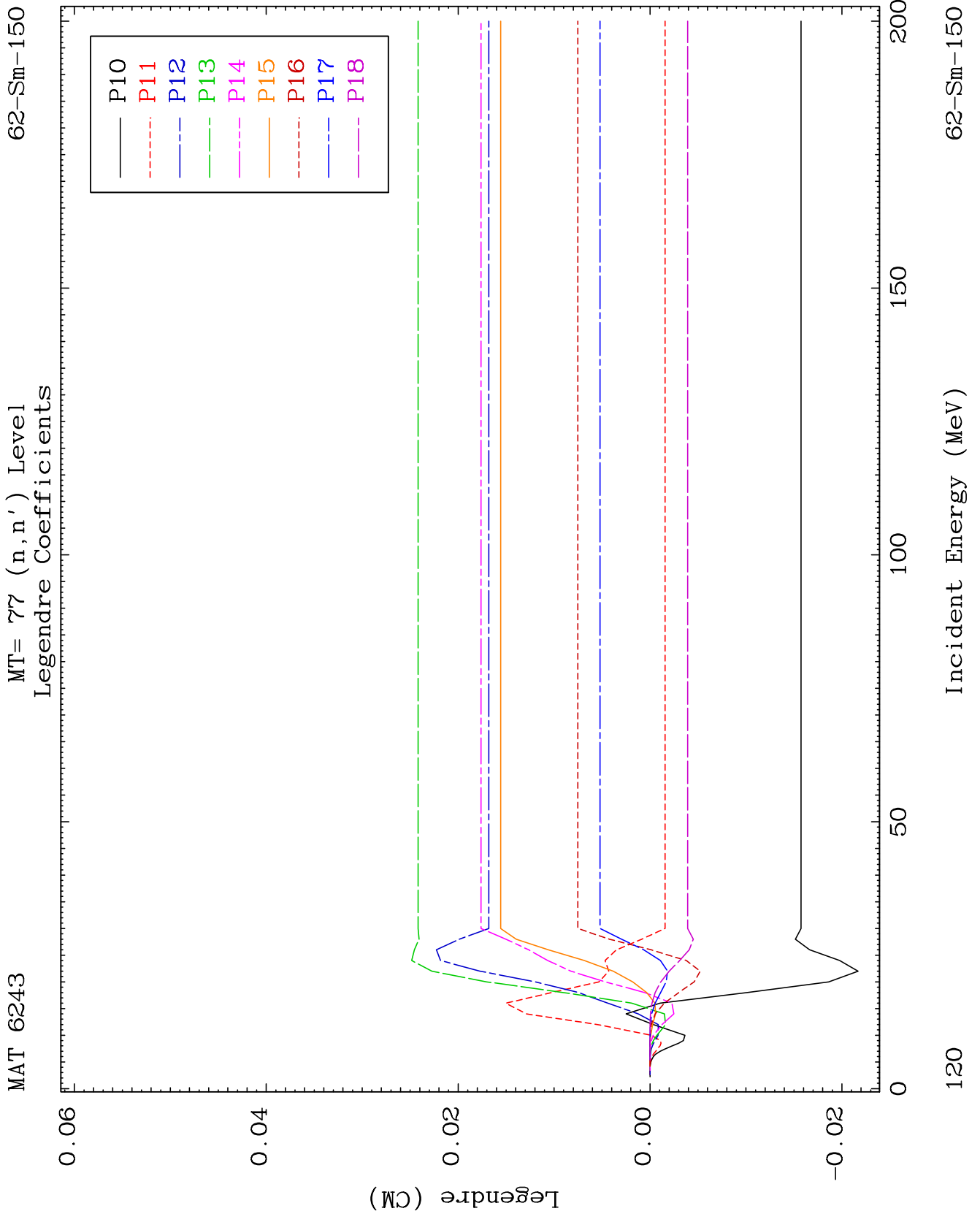
62-Sm-150



119

Incident Energy (MeV)

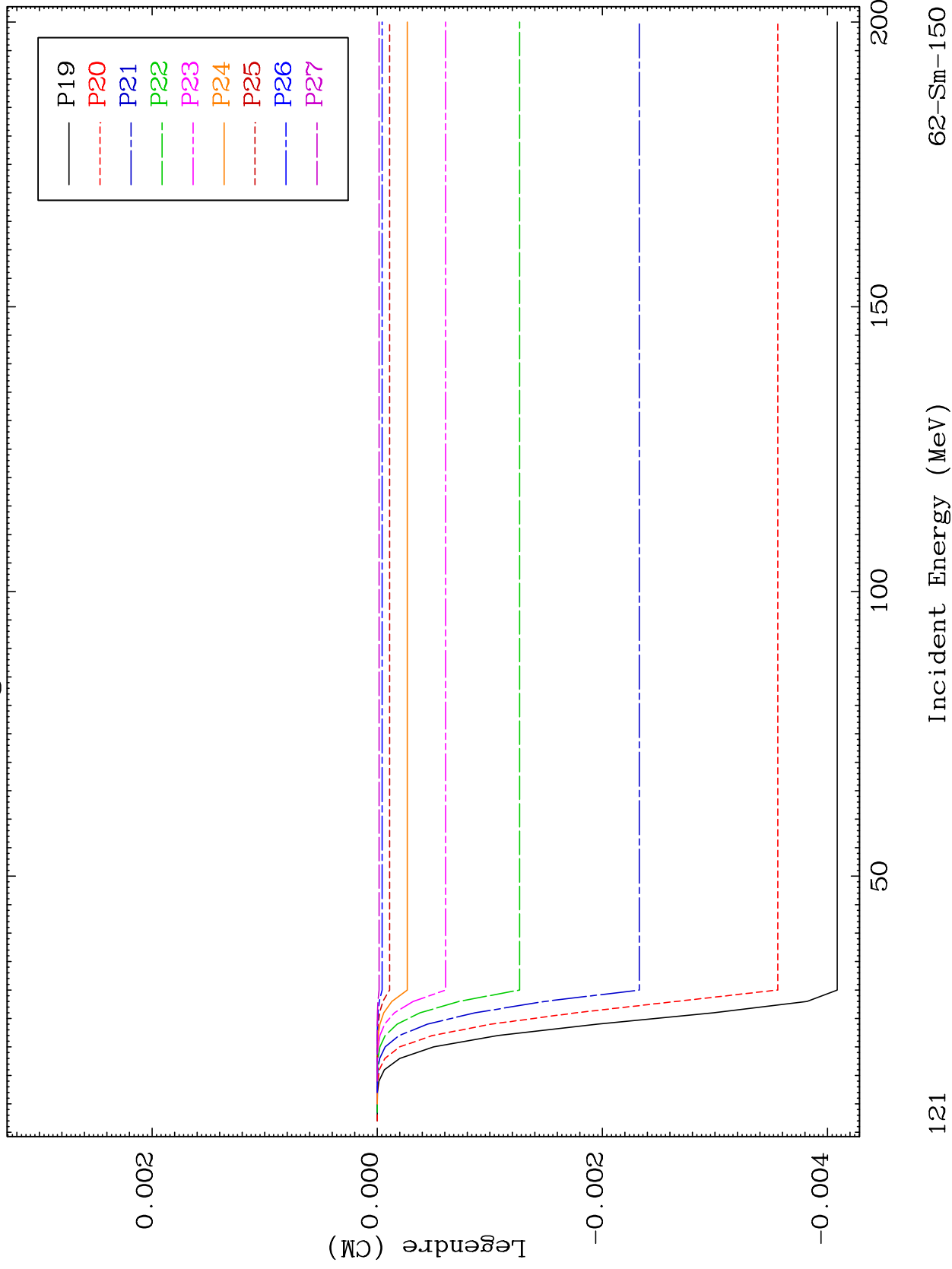
62-Sm-150



MAT 6243

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

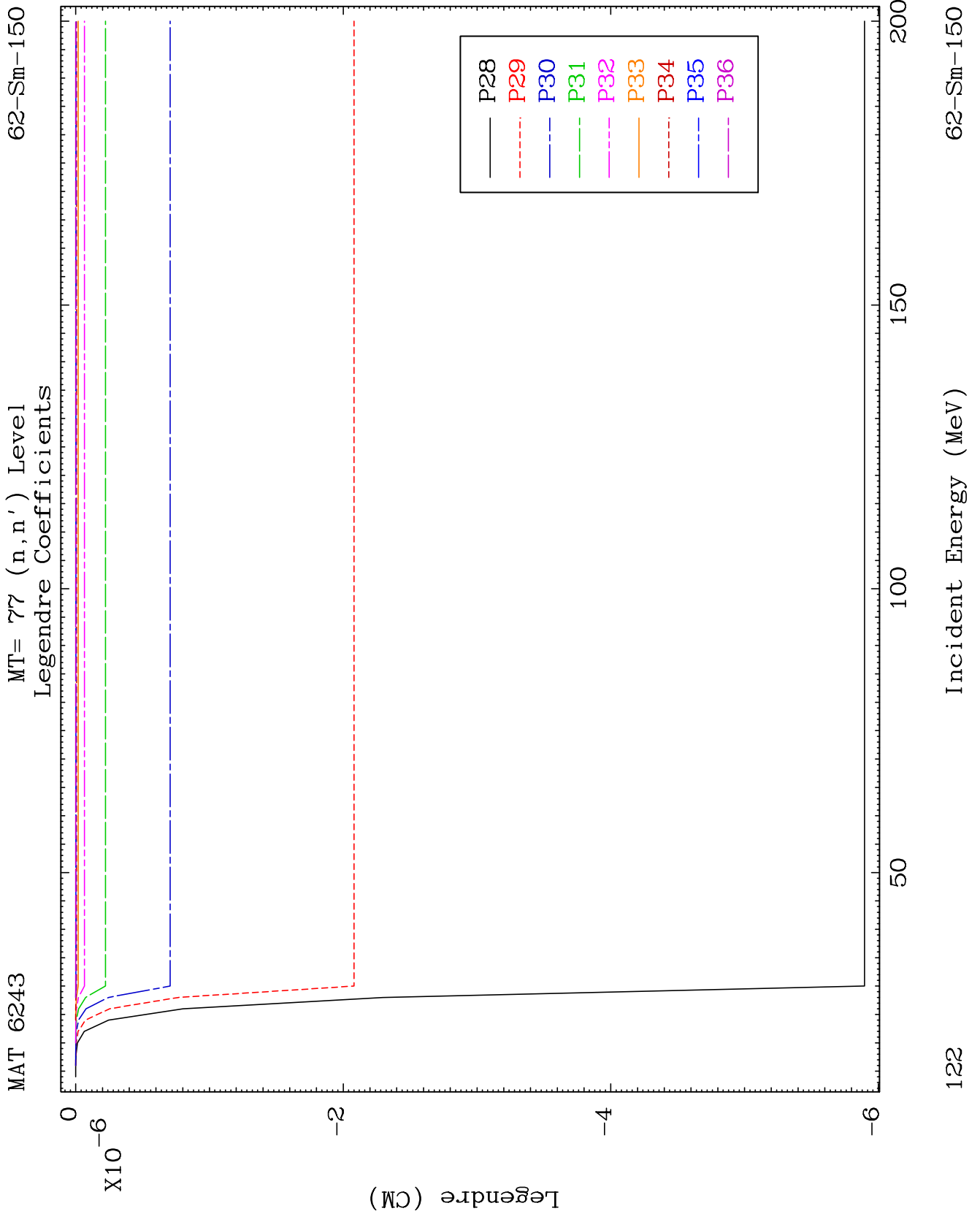
62-Sm-150

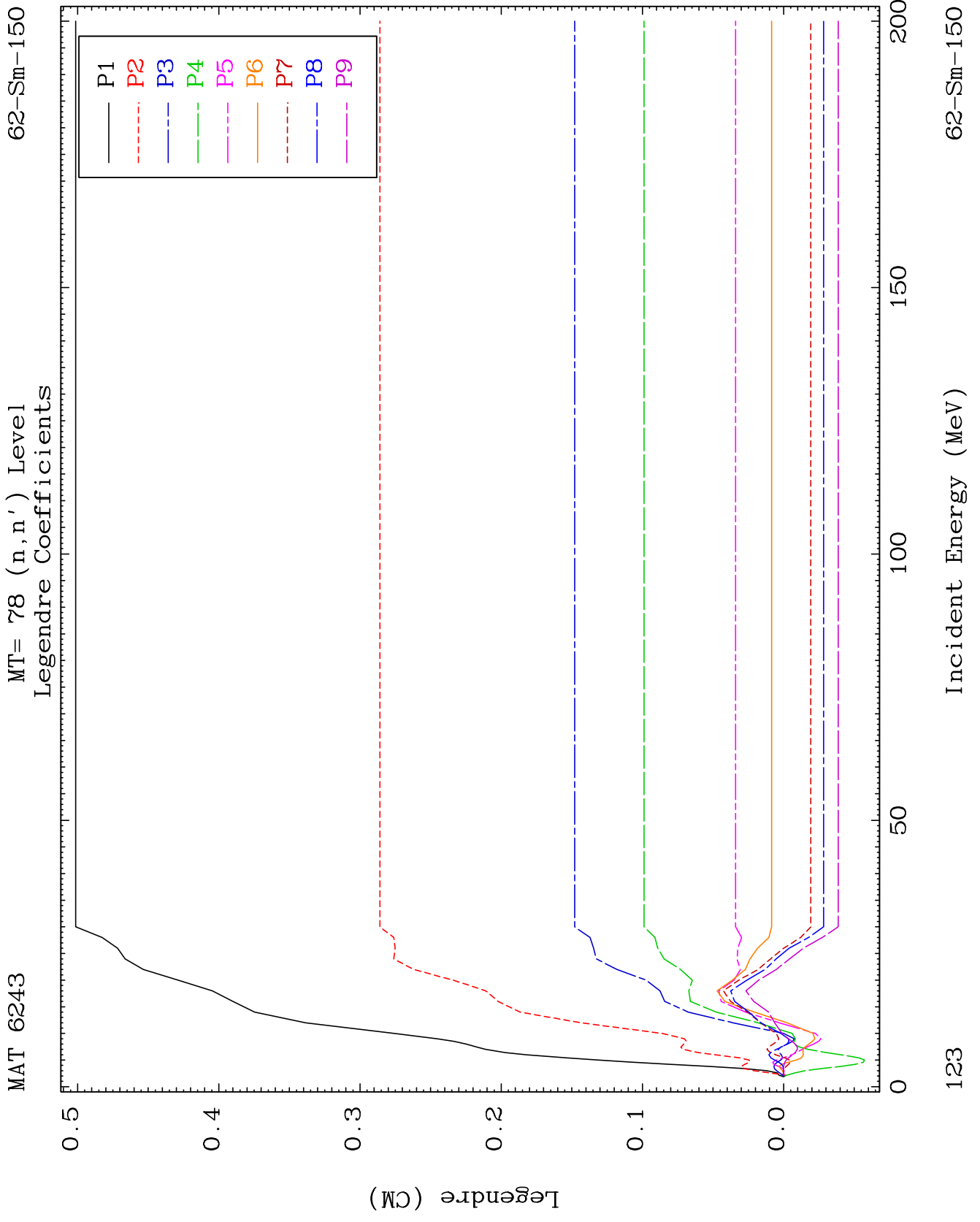


121

Incident Energy (MeV)

62-Sm-150

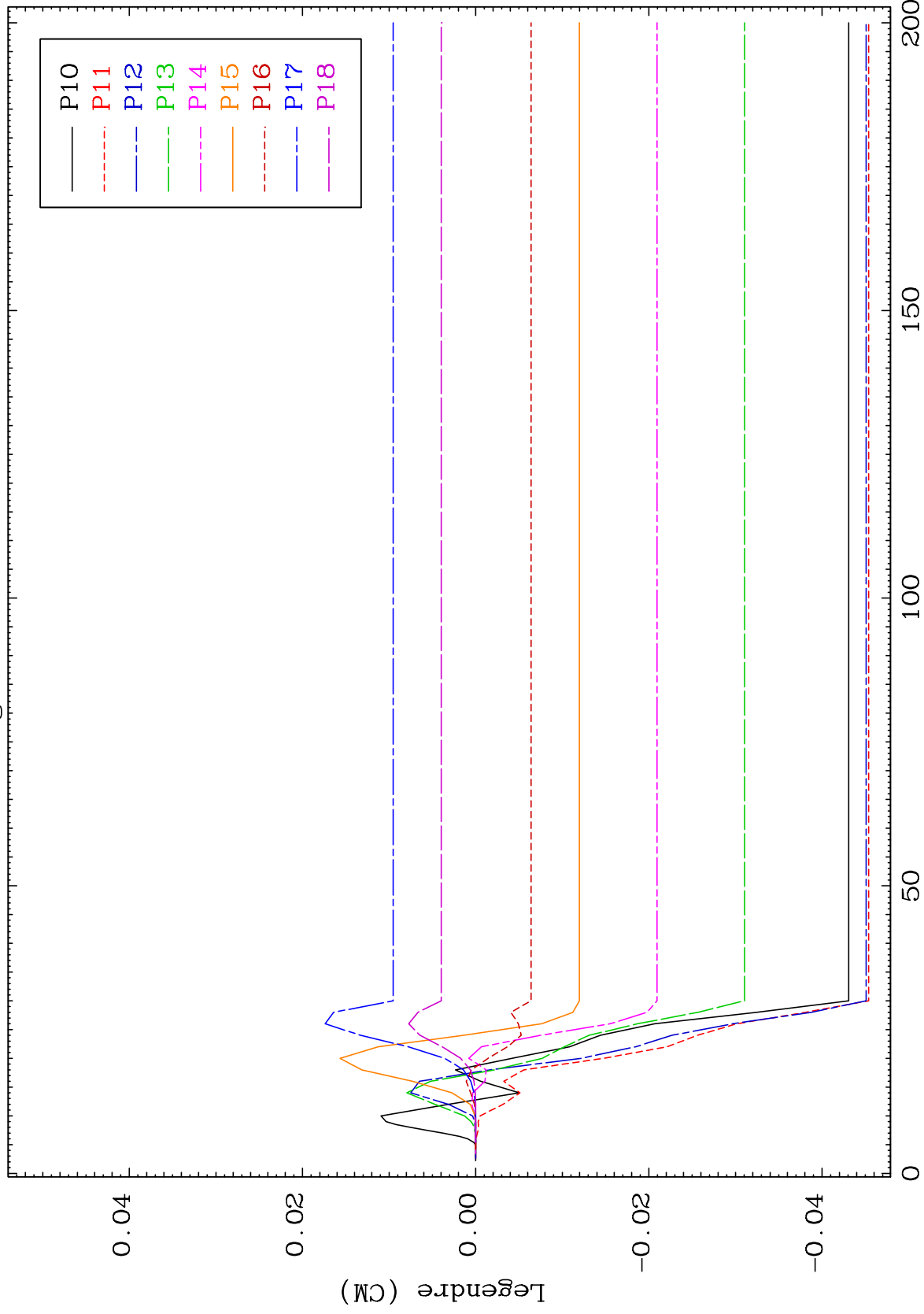




MAT 6243

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

62-Sm-150



124

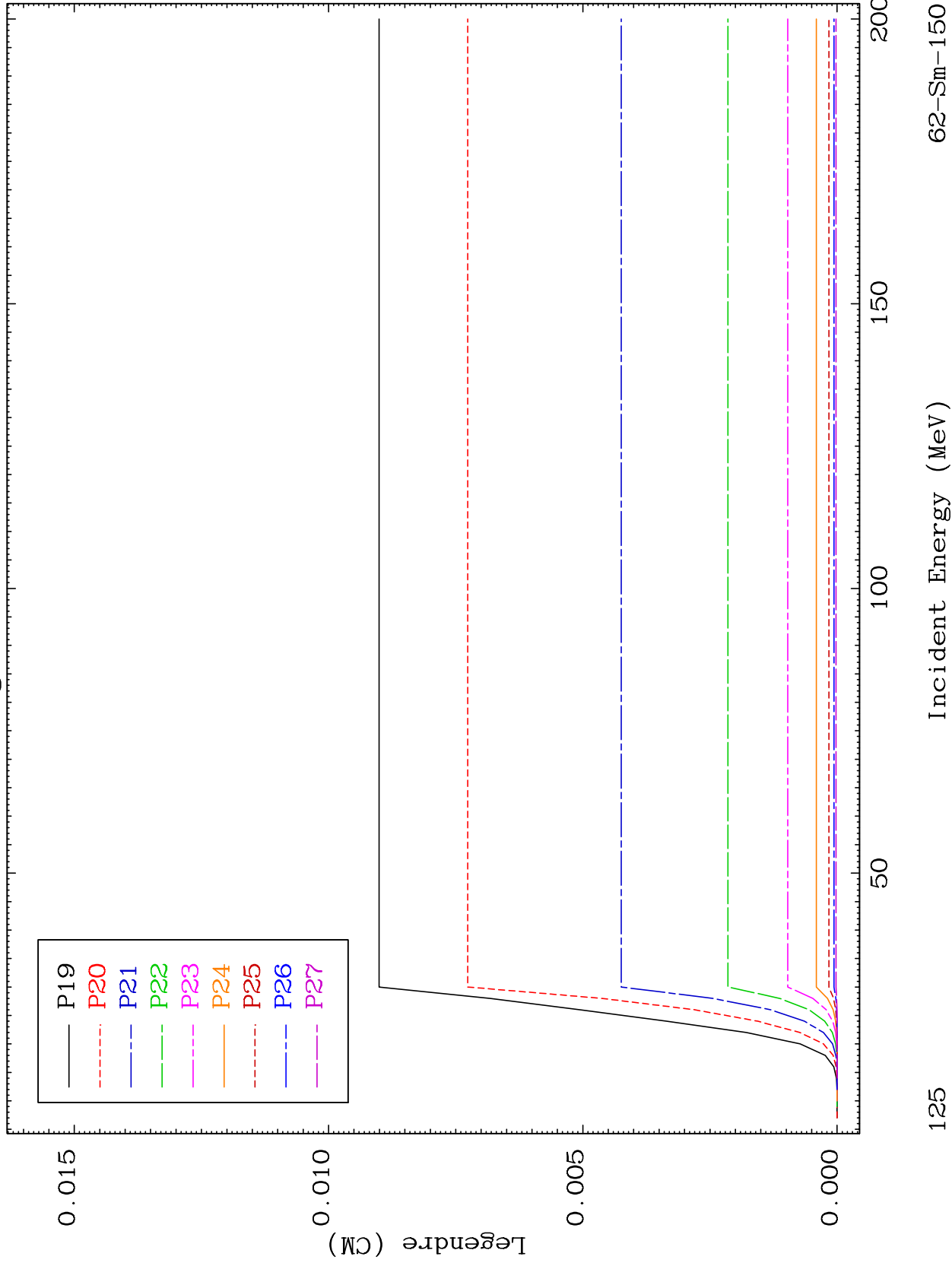
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



125

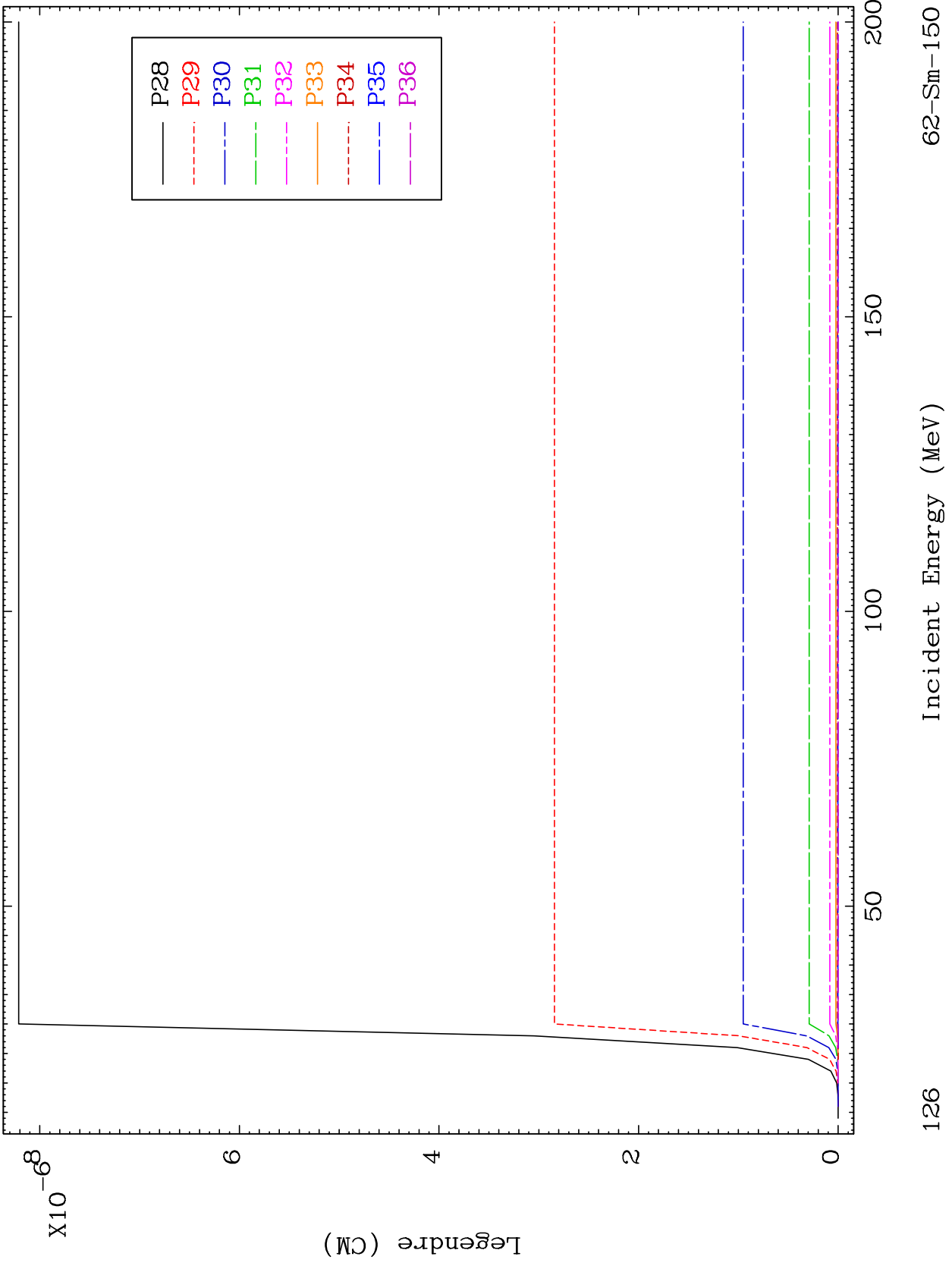
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



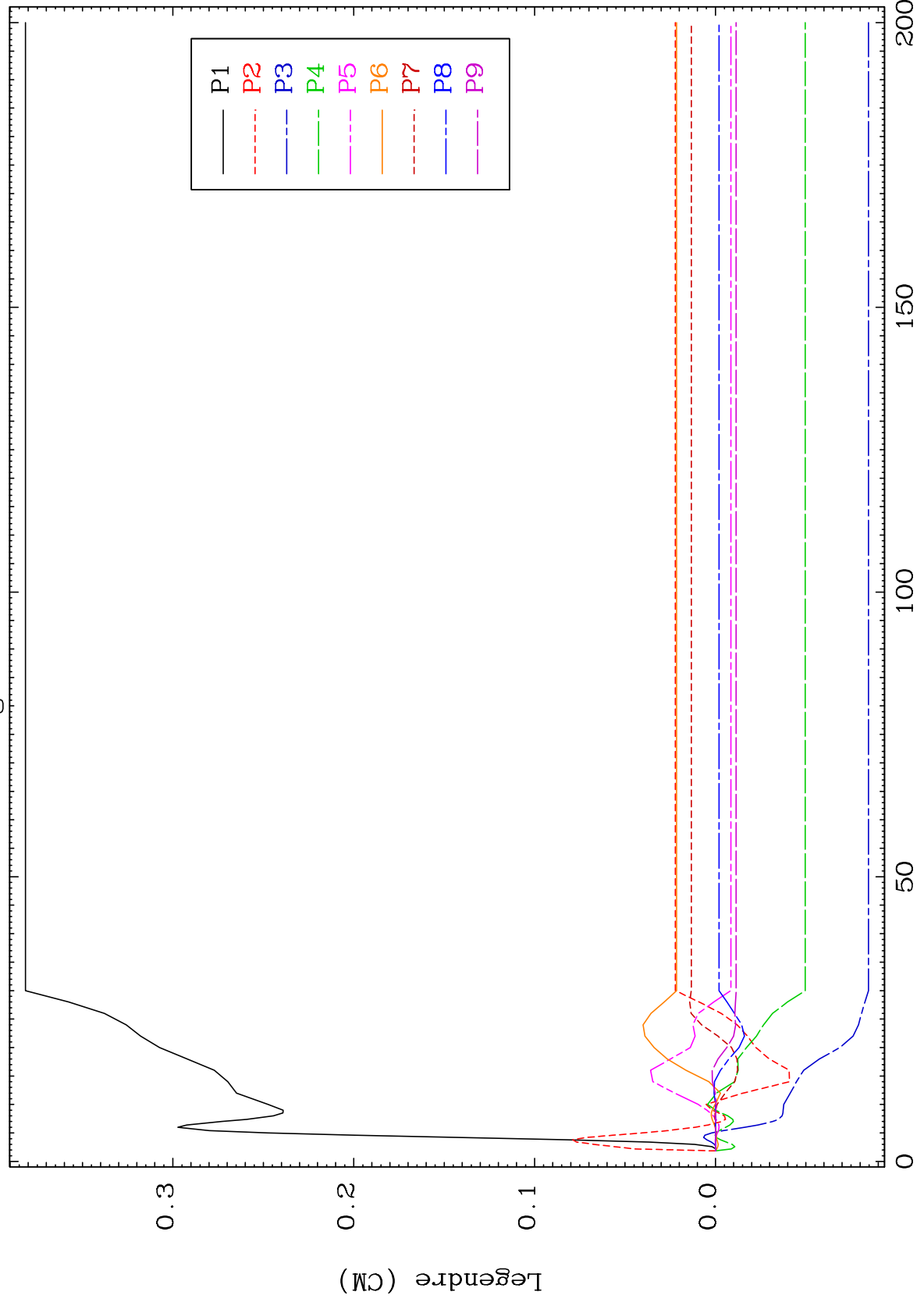
126

62-Sm-150

MAT 6243

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

62-Sm-150



127

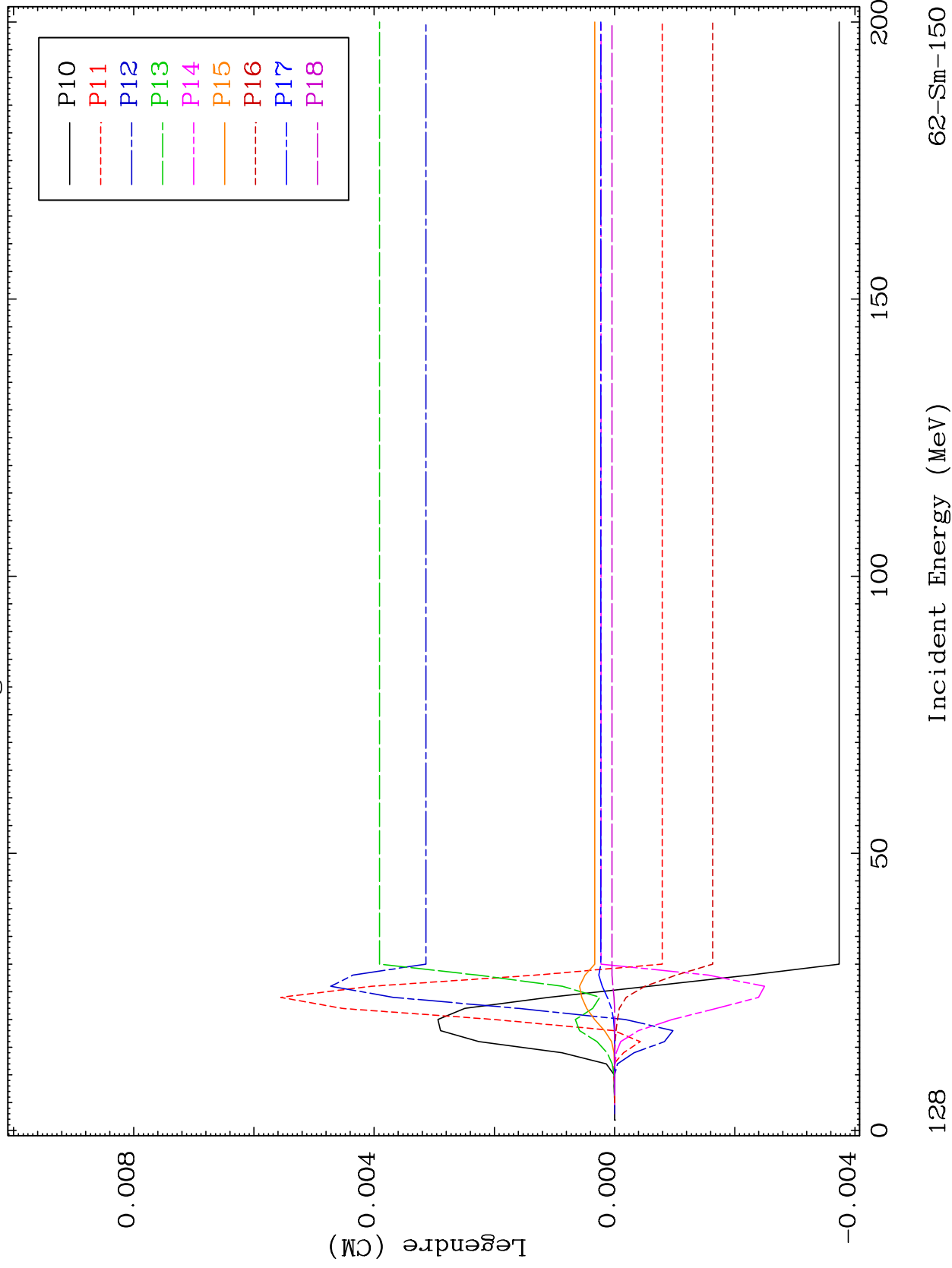
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



62-Sm-150

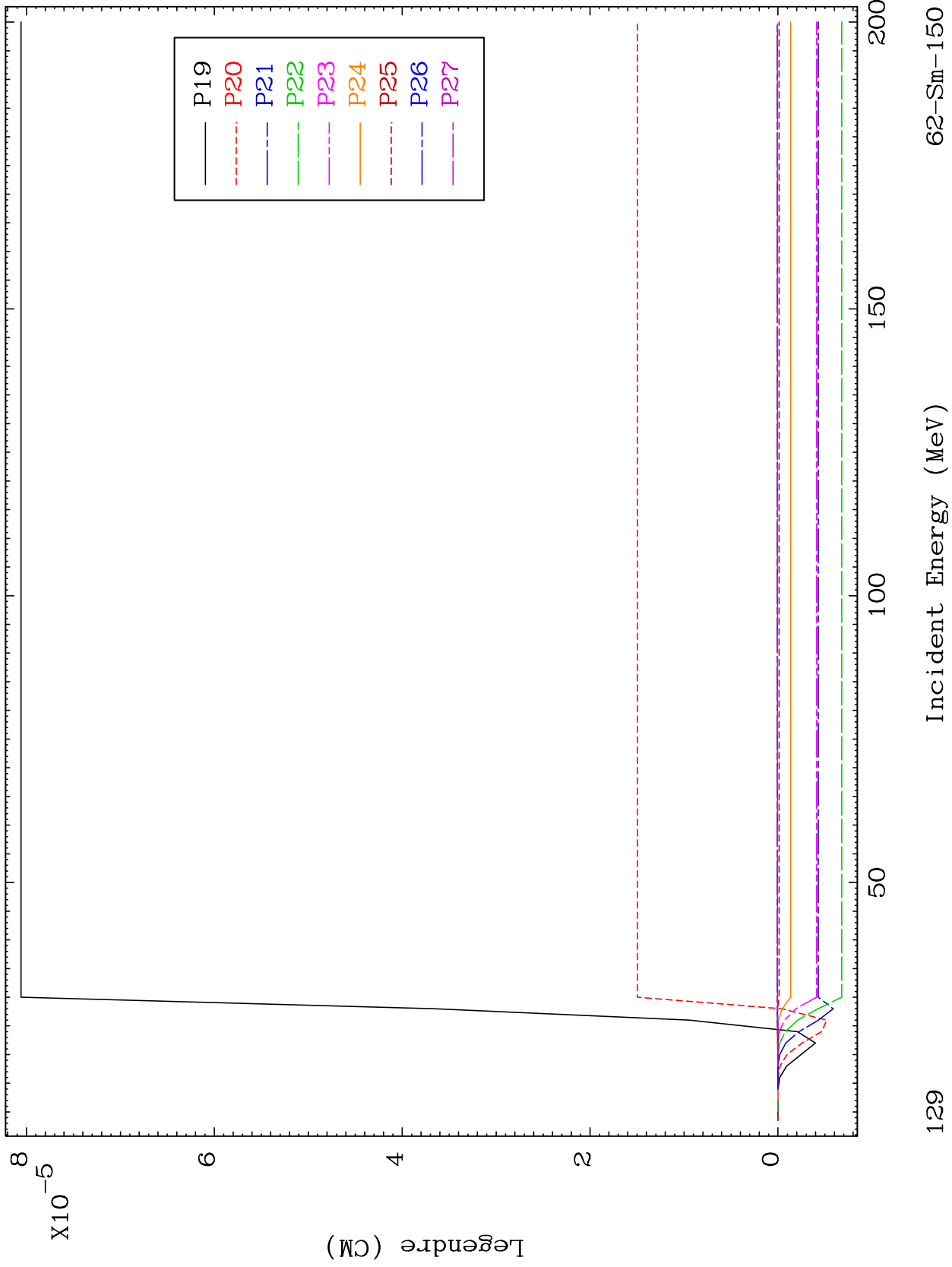
Incident Energy (MeV)

128

MAT 6243

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

62-Sm-150



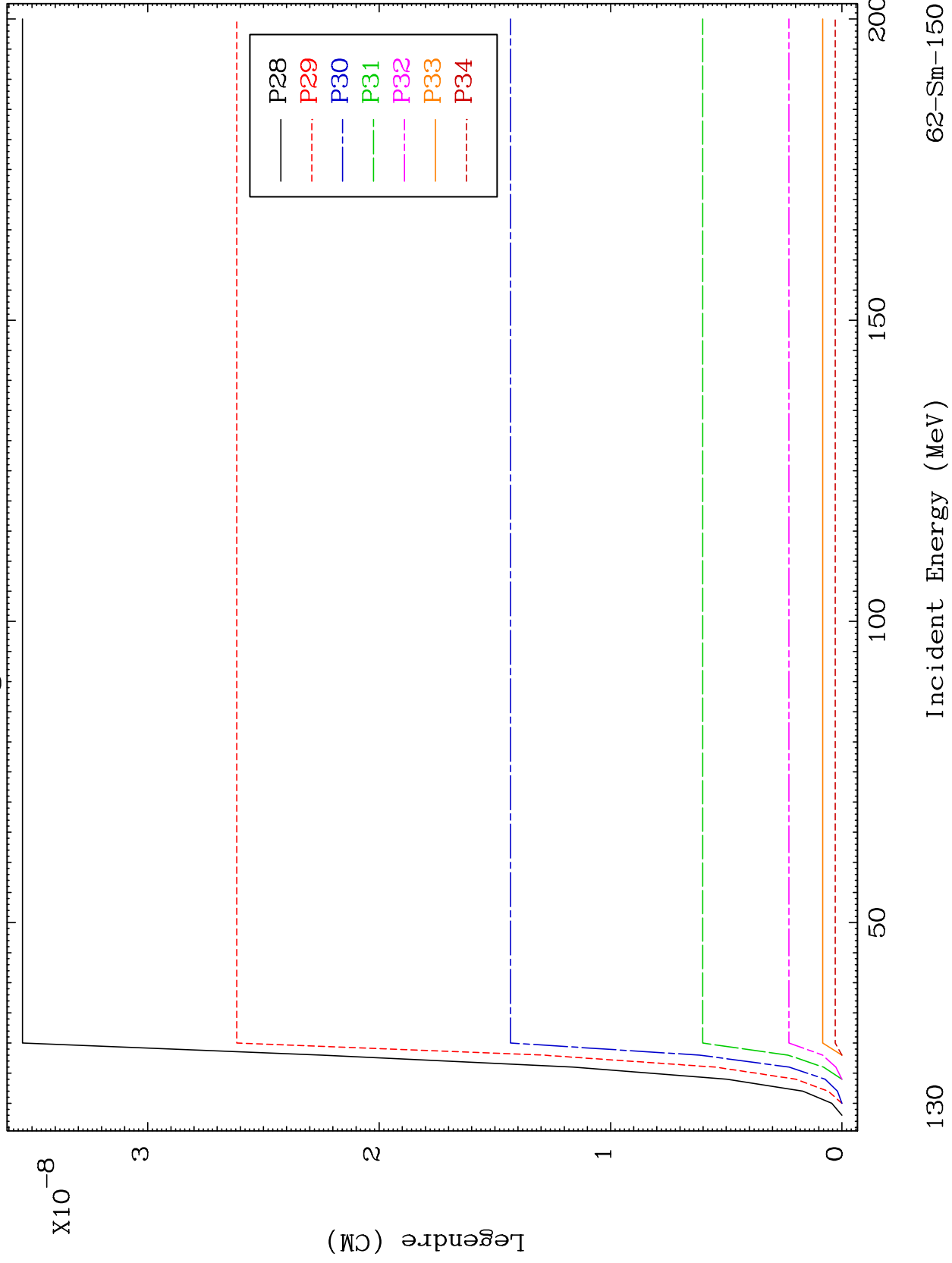
129

62-Sm-150

MAT 6243

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

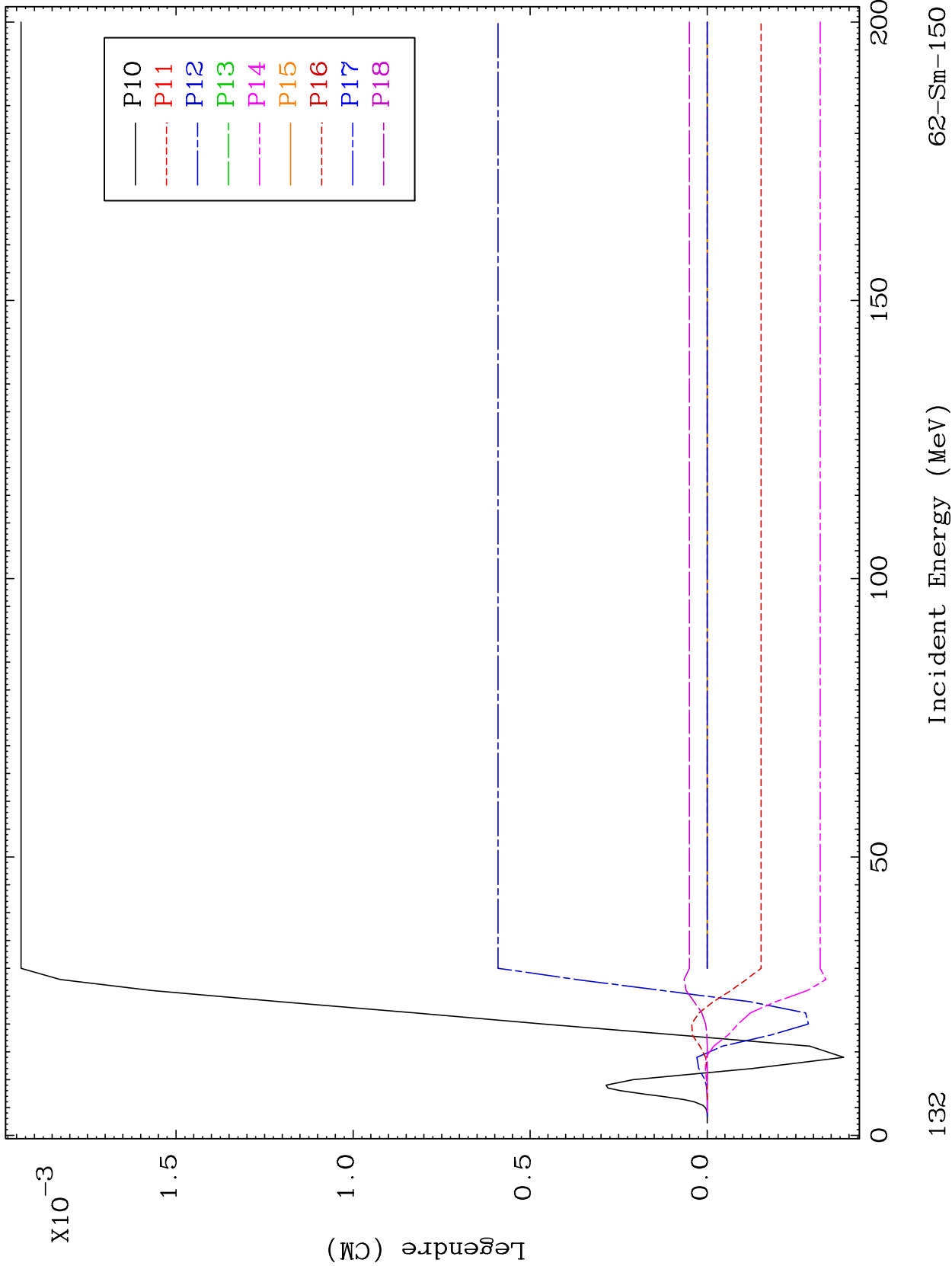
62-Sm-150



MAT 6243

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

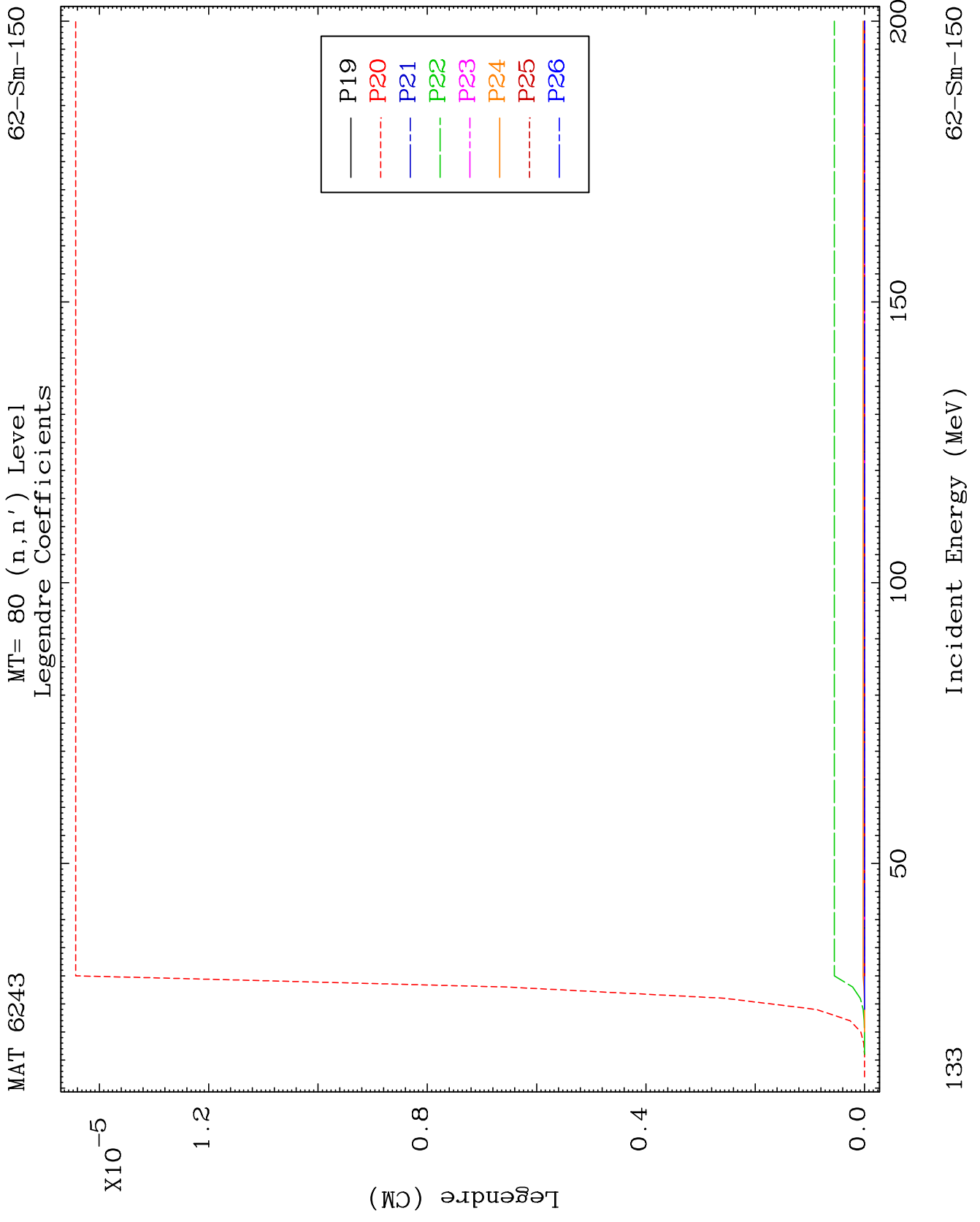
62-Sm-150



132

Incident Energy (MeV)

62-Sm-150

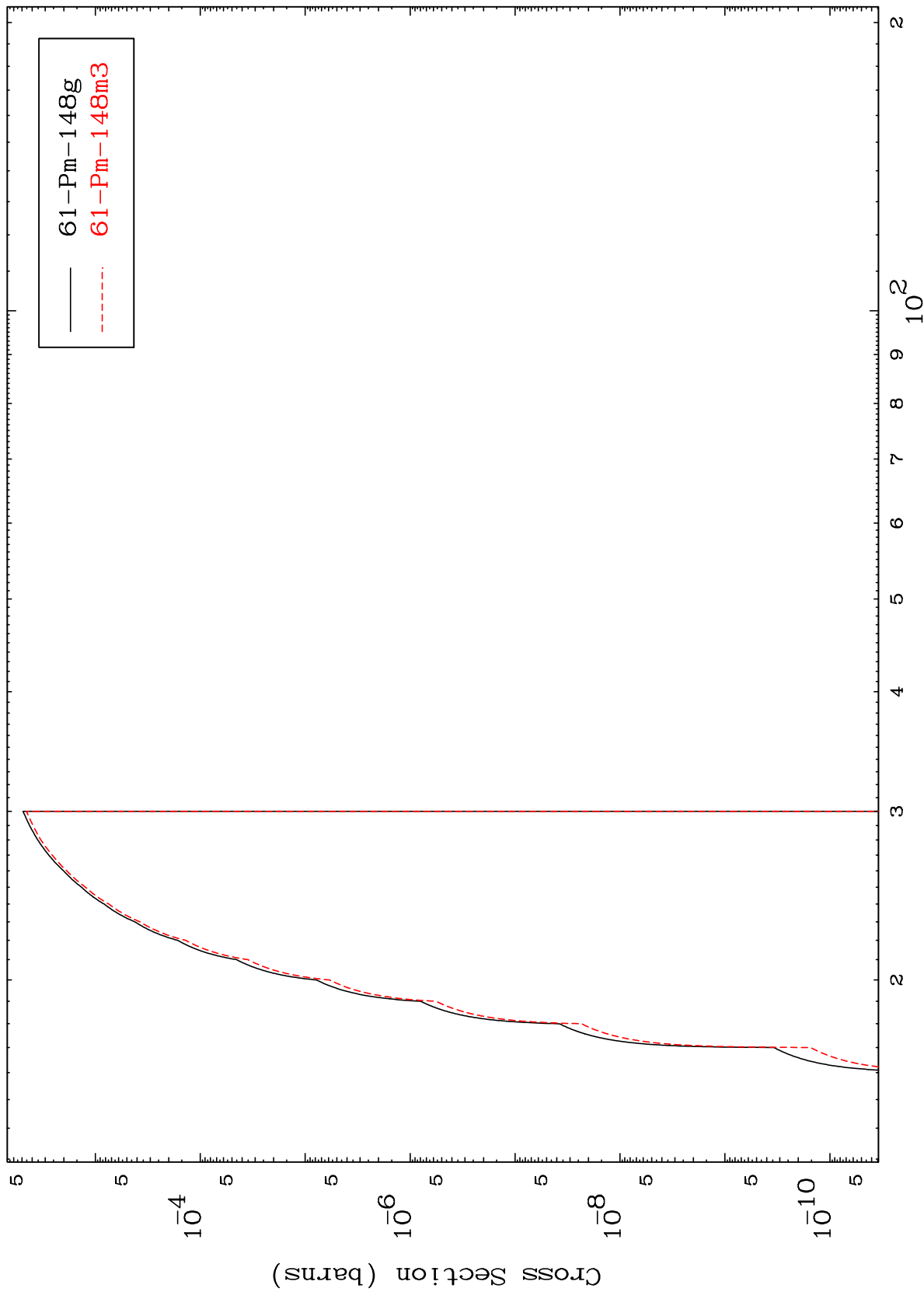


MAT 6243

(n,n') d

62-Sm-150

Radionuclide Production Cross Section



134

Incident Energy (MeV)

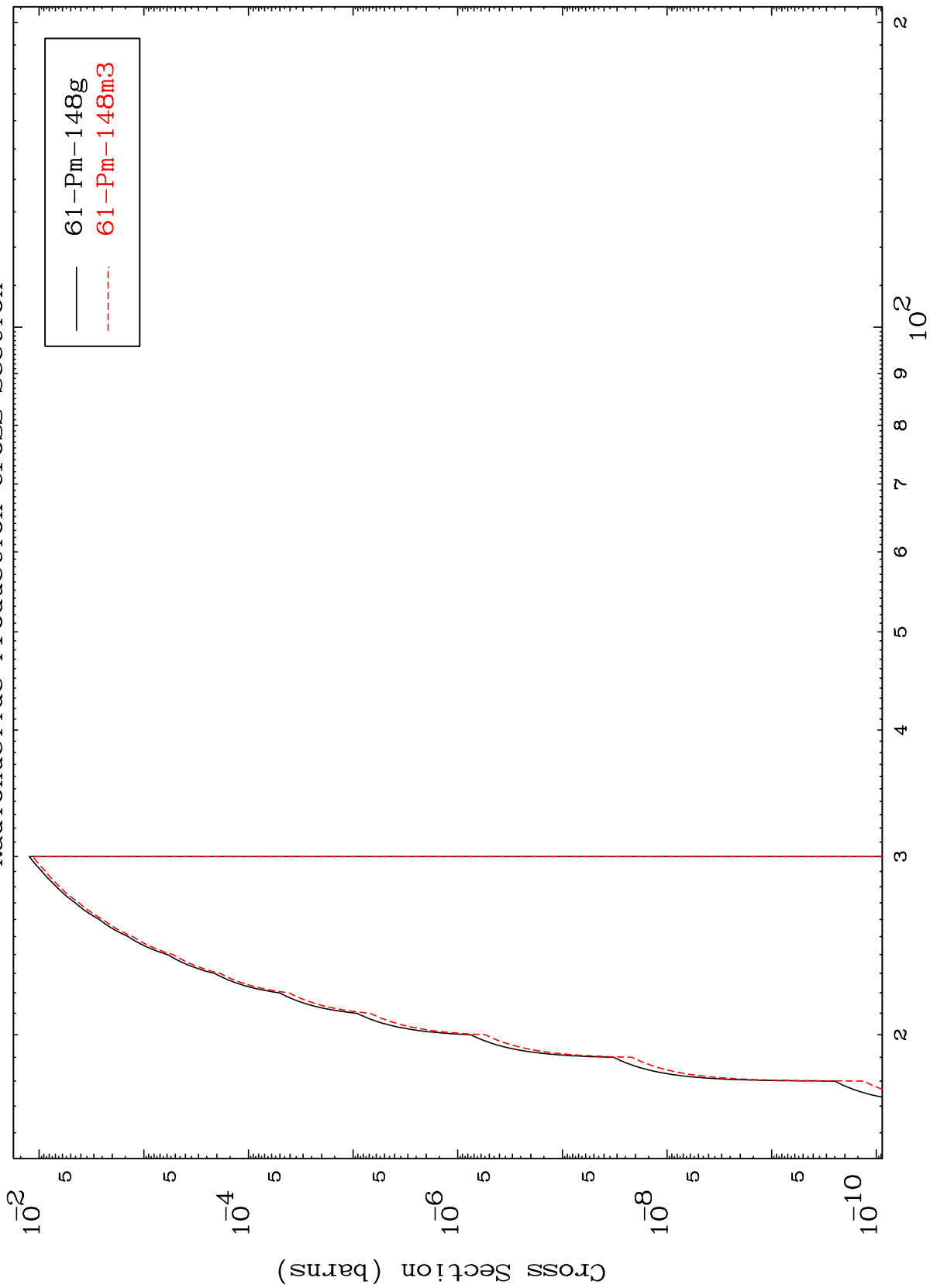
62-Sm-150

MAT 6243

(n,2n) p

62-Sm-150

Radionuclide Production Cross Section



135

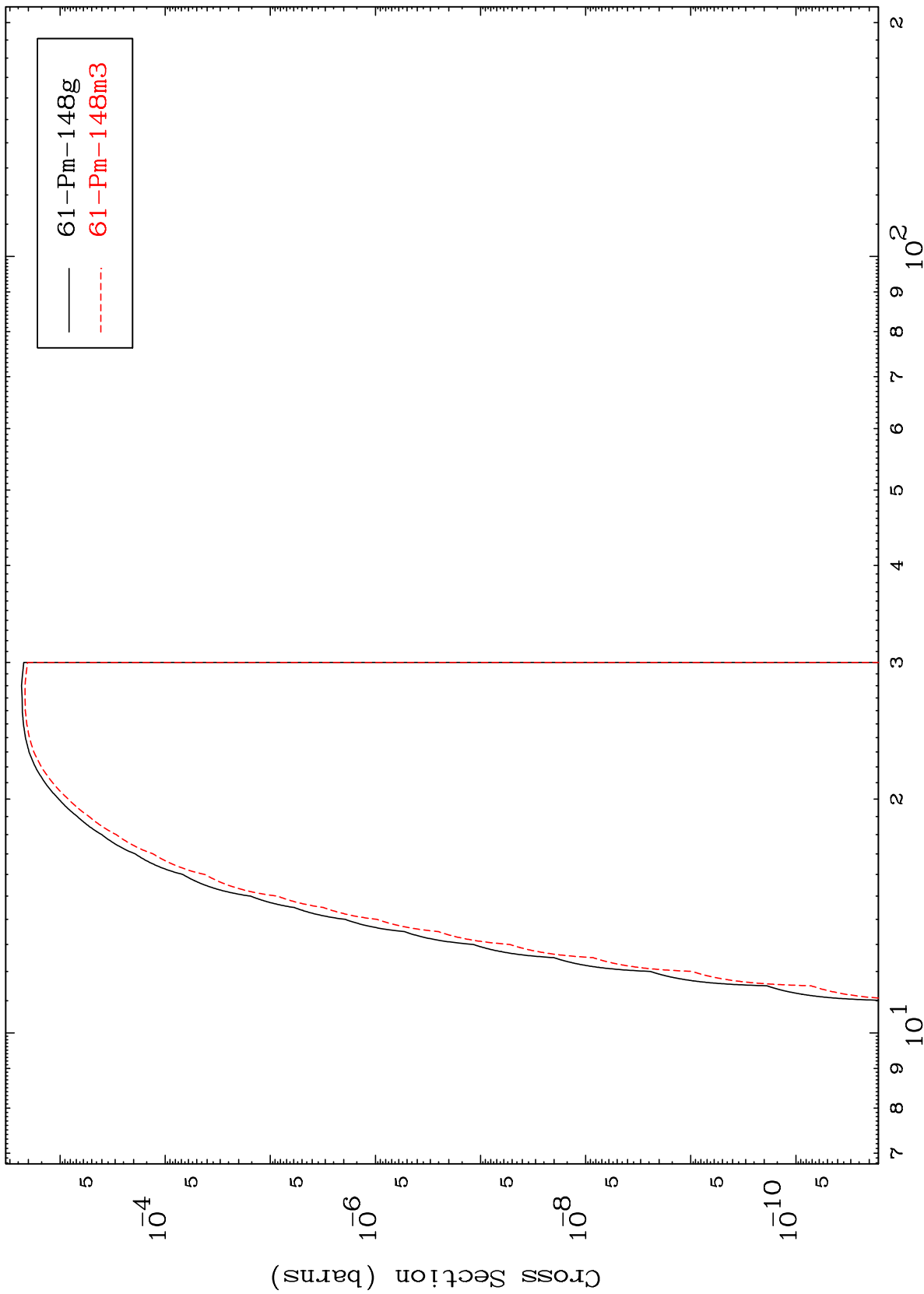
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(n,t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

62-Sm-150