

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

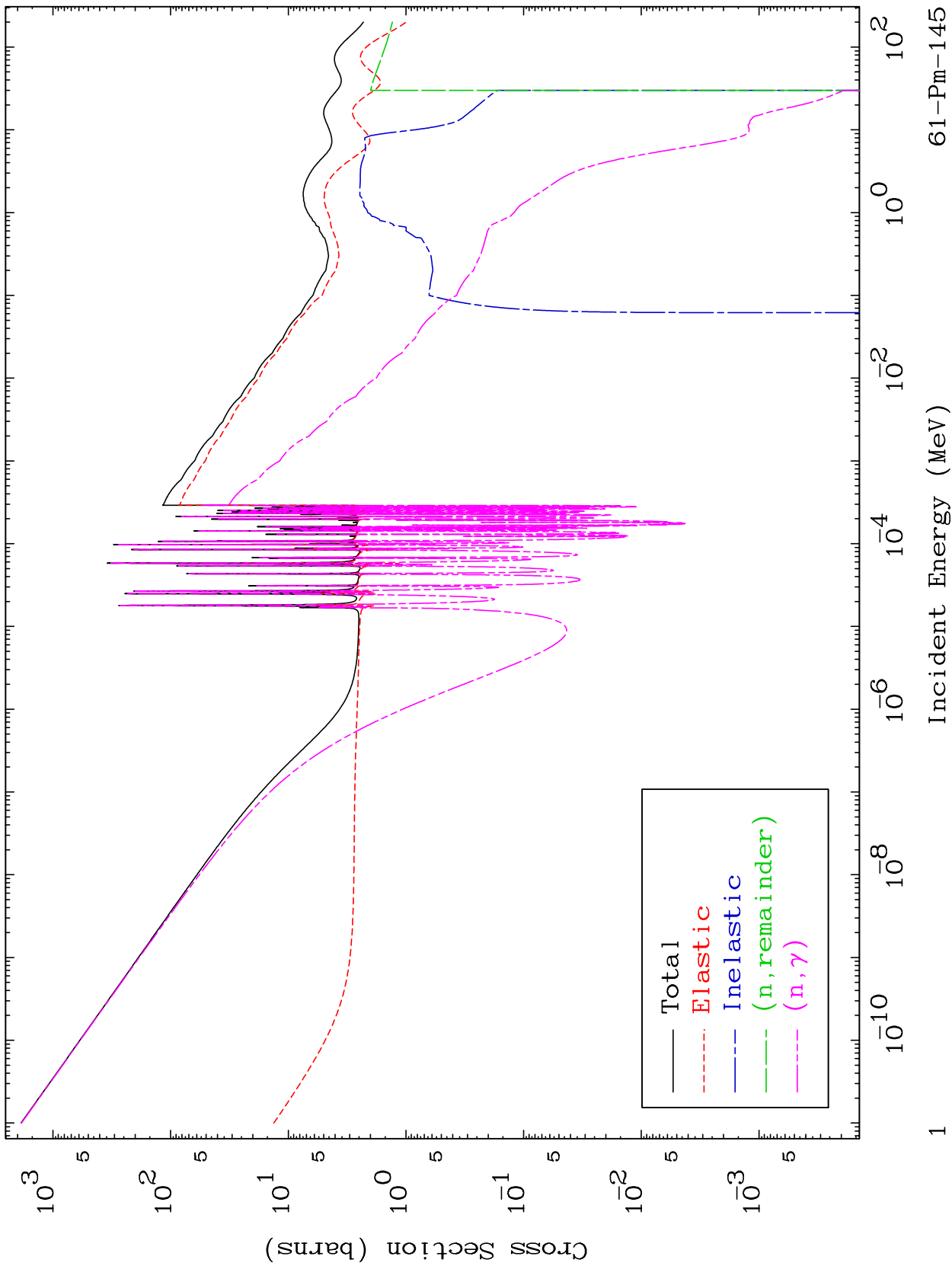
Press Mouse Button to Start

MAT 6143

Major

293 Kelvin Cross Sections

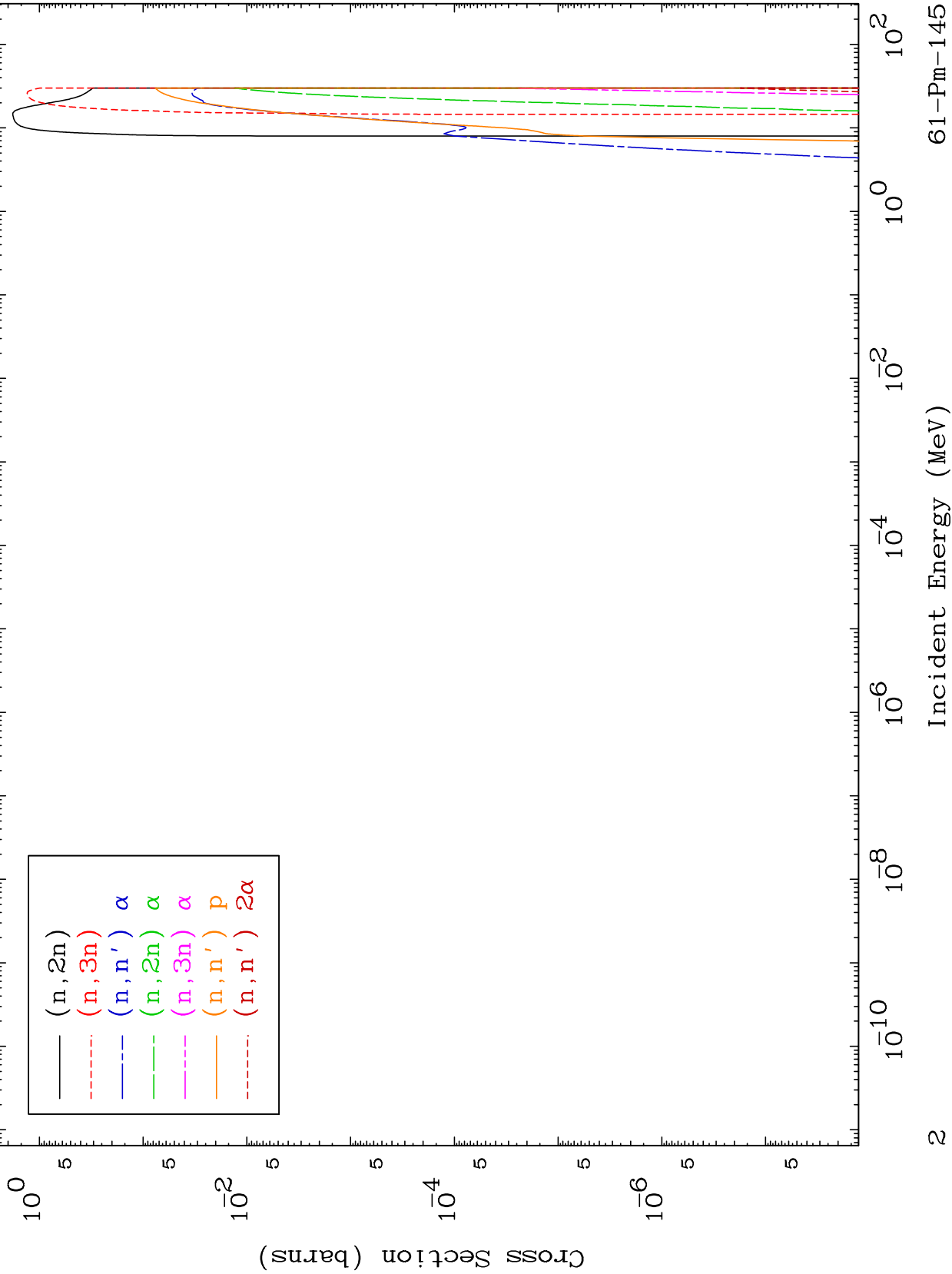
61-Pm-145



MAT 6143

Neutron Production
293 Kelvin Cross Sections

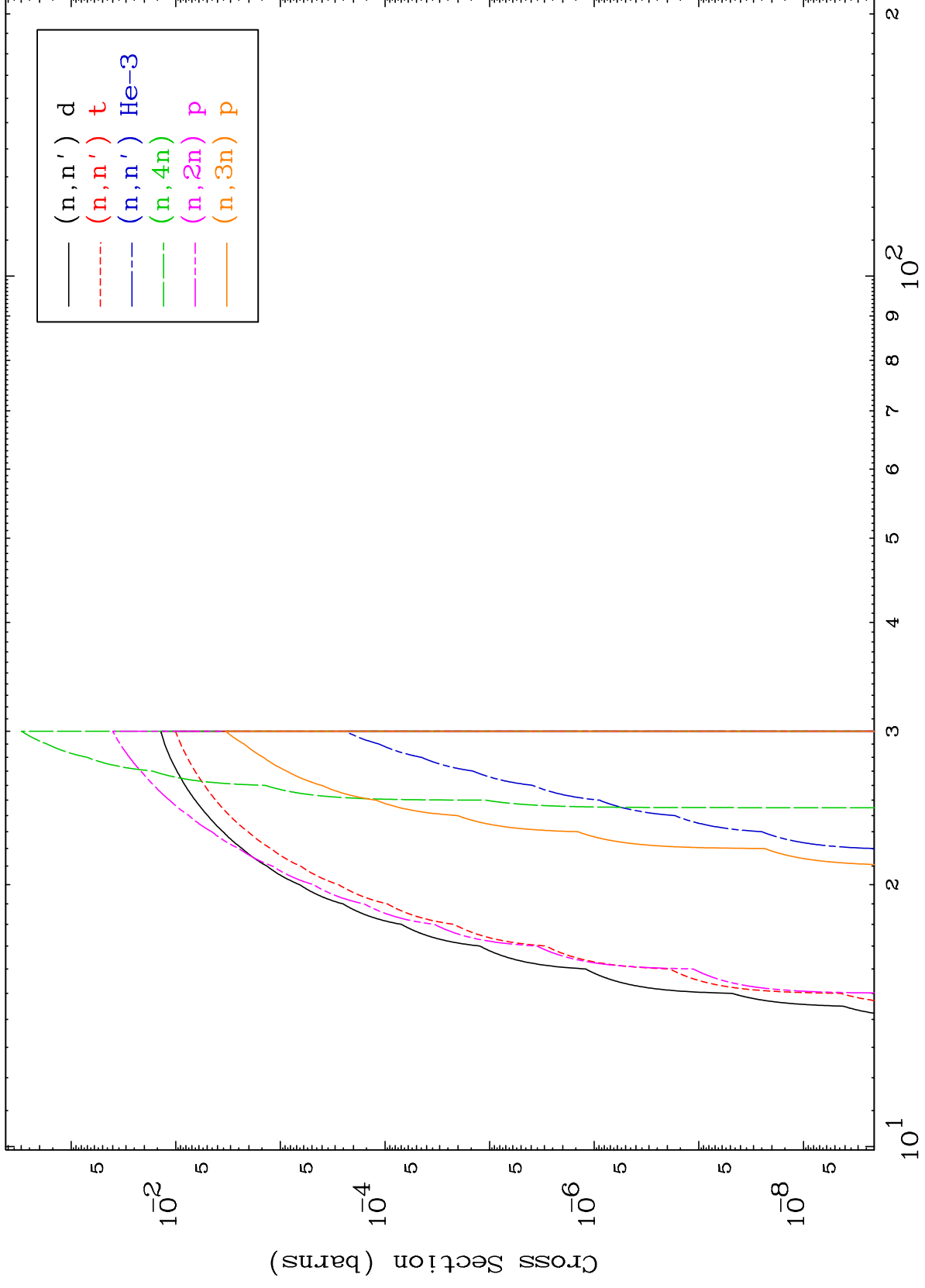
61-Pm-145



MAT 6143

Neutron Production
293 Kelvin Cross Sections

61-Pm-145



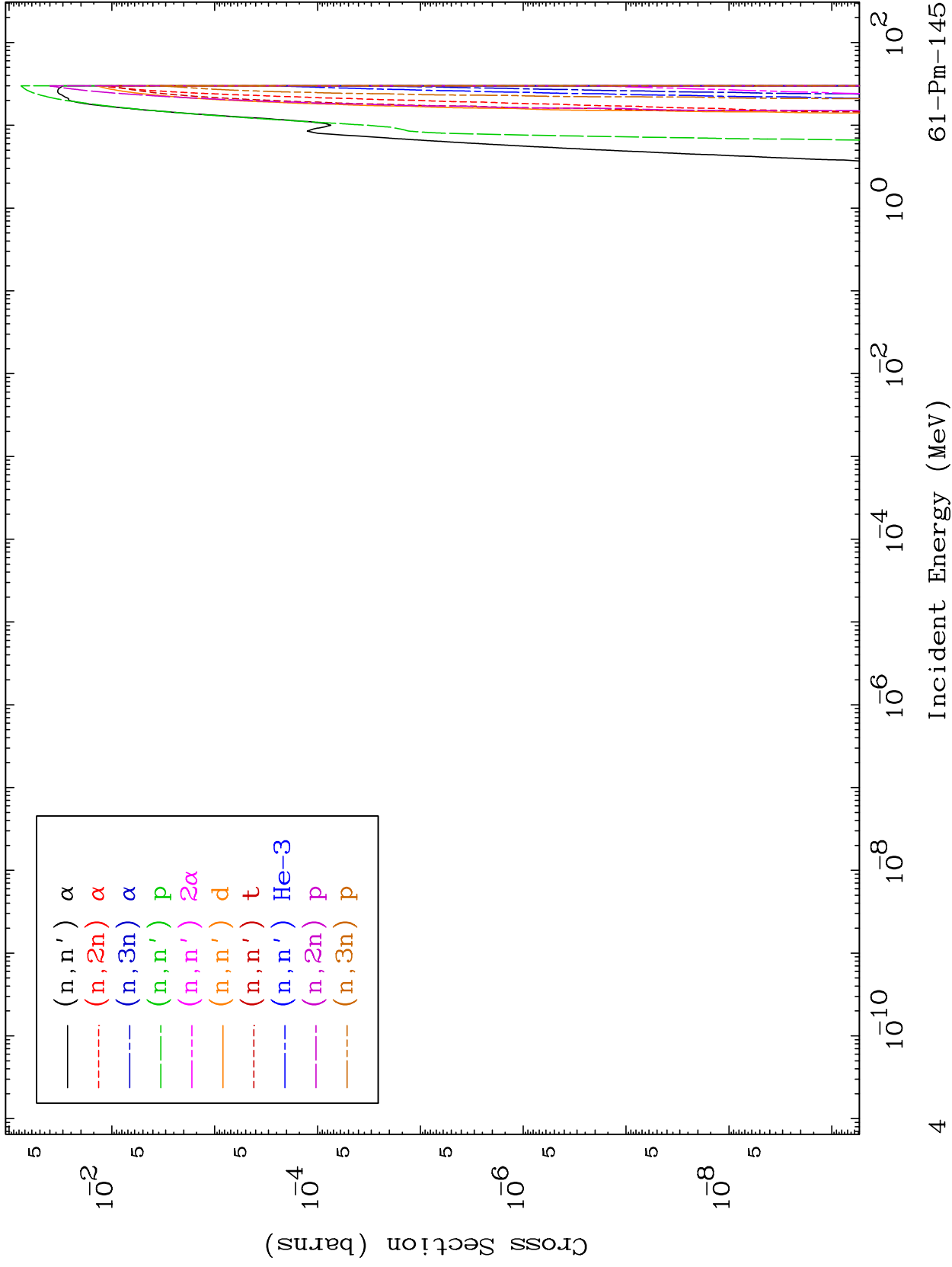
Incident Energy (MeV)

61-Pm-145

MAT 6143

Charged Particle
293 Kelvin Cross Sections

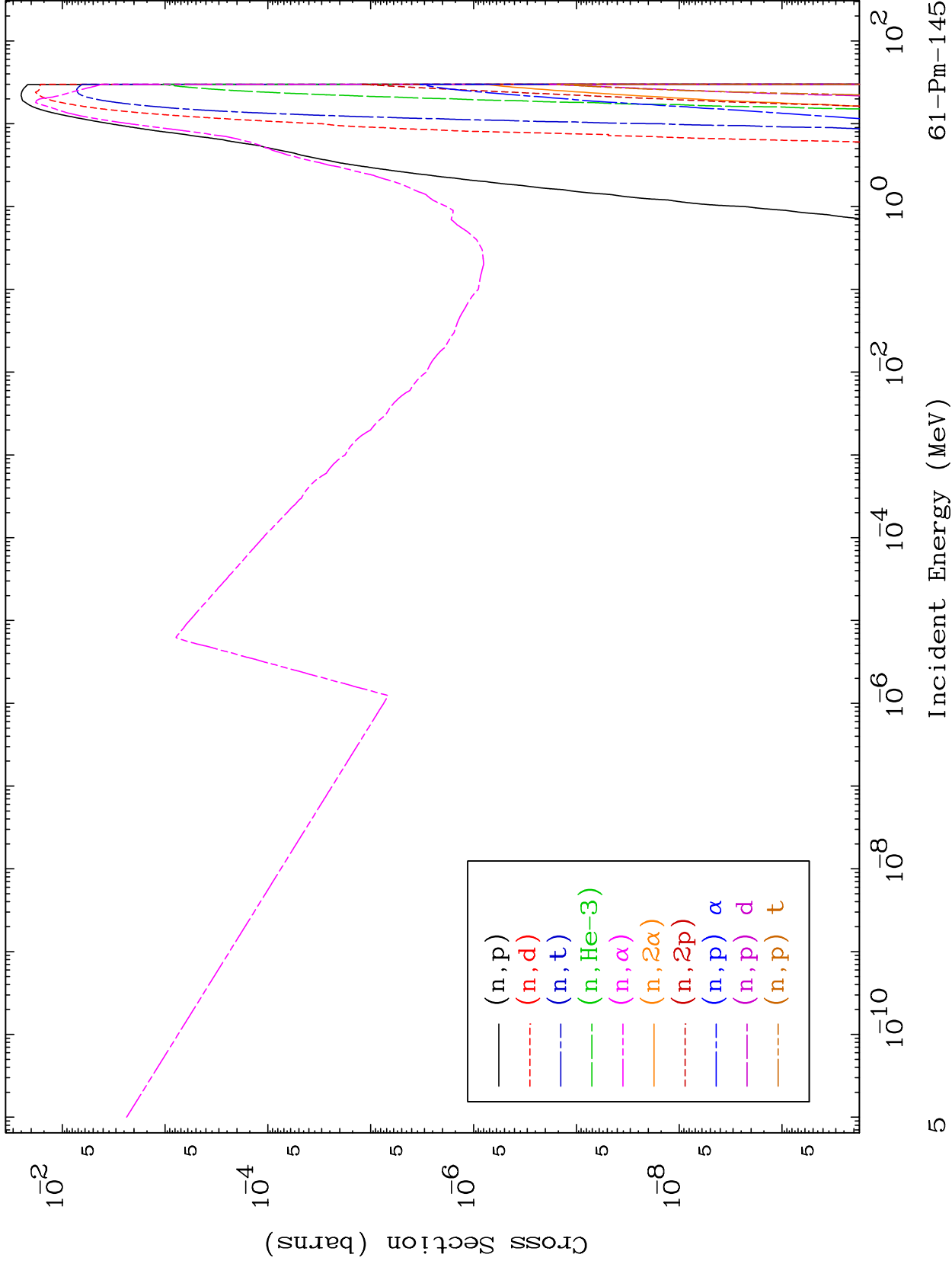
61-Pm-145



MAT 6143

Charged Particle
293 Kelvin Cross Sections

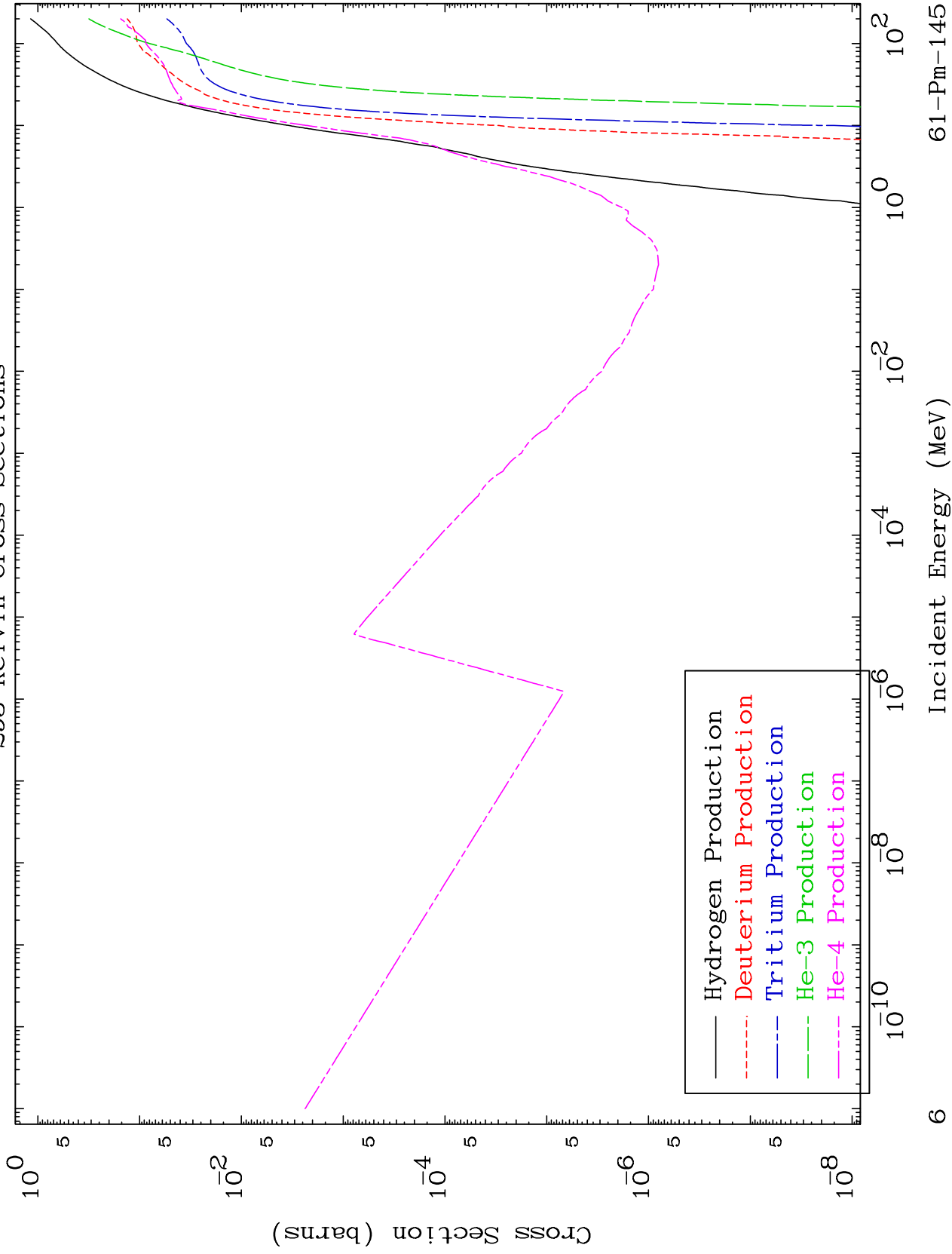
61-Pm-145



MAT 6143

Particle Production
293 Kelvin Cross Sections

61-Pm-145

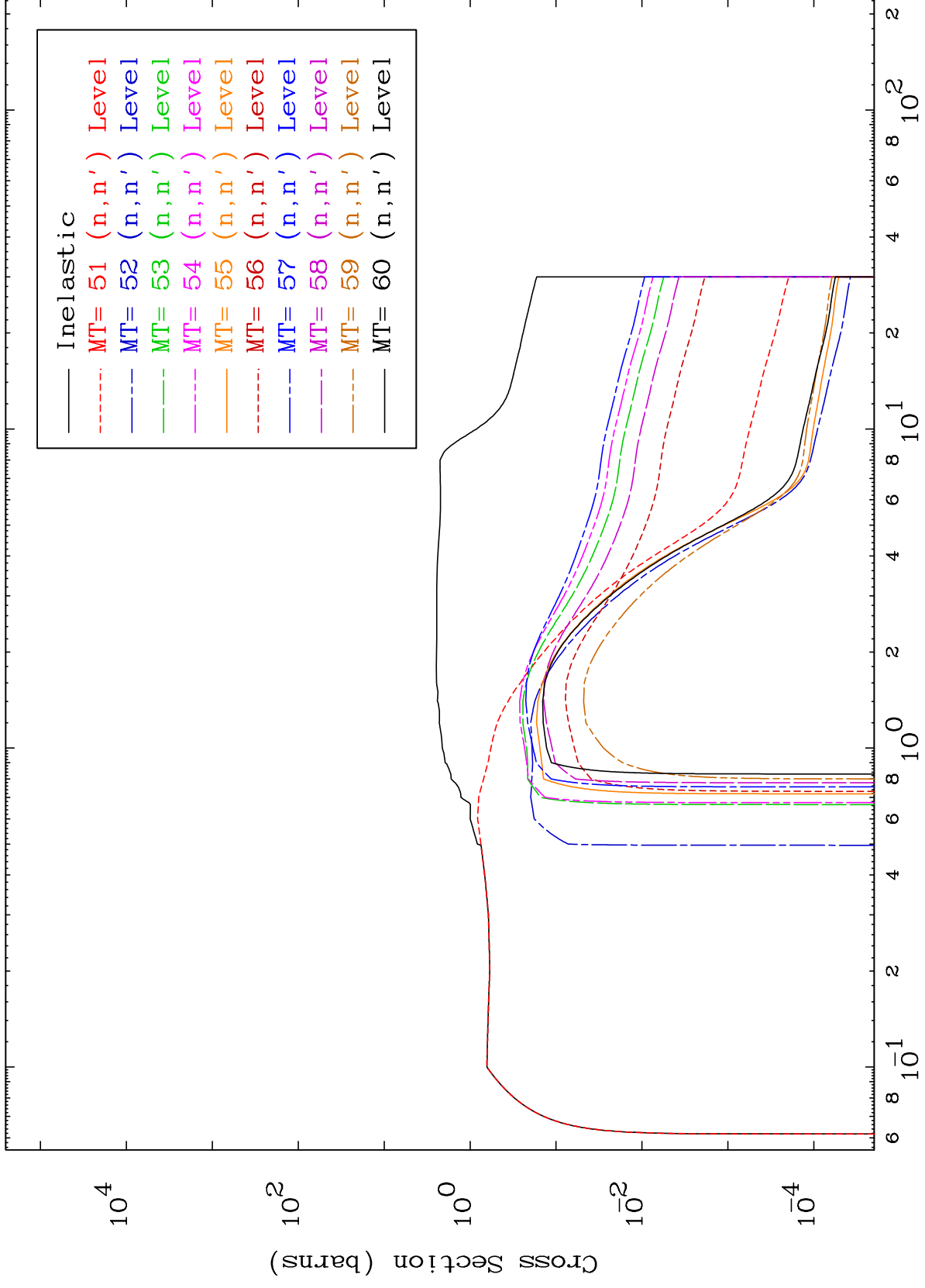


MAT 6143

(n,n') Level

61-Pm-145

293 Kelvin Cross Sections



Incident Energy (MeV)

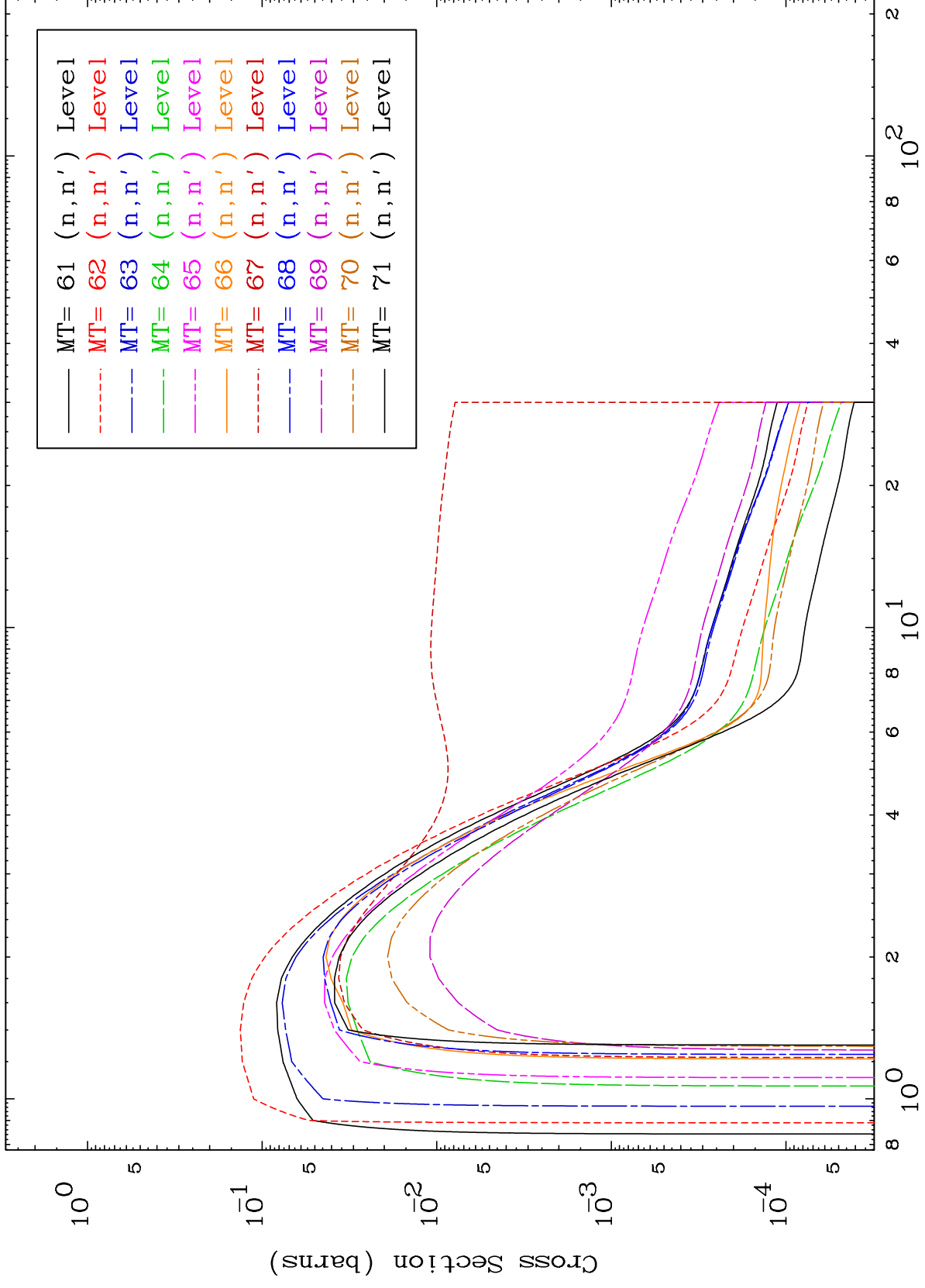
61-Pm-145

MAT 6143

(n,n') Level

61-Pm-145

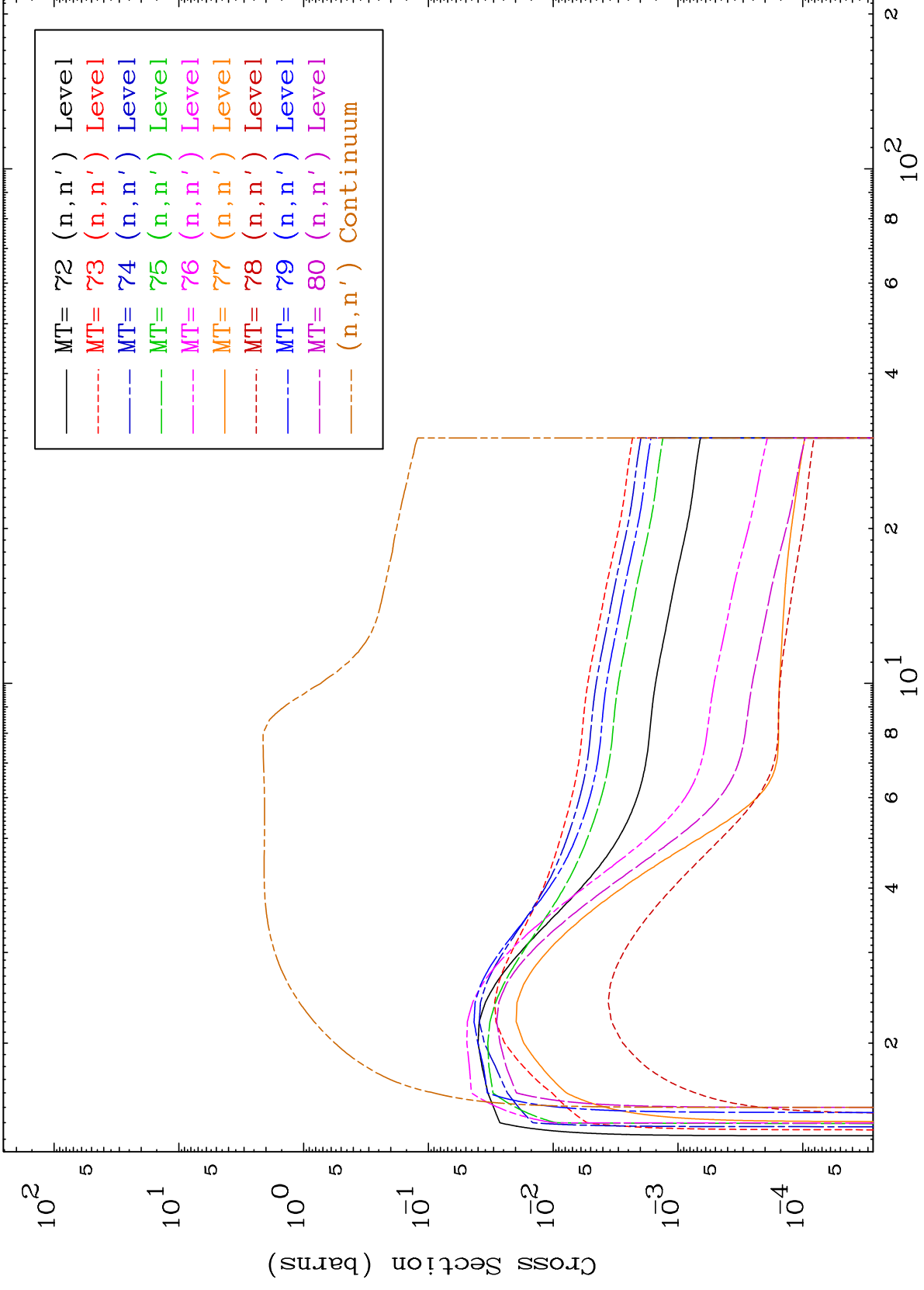
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-145

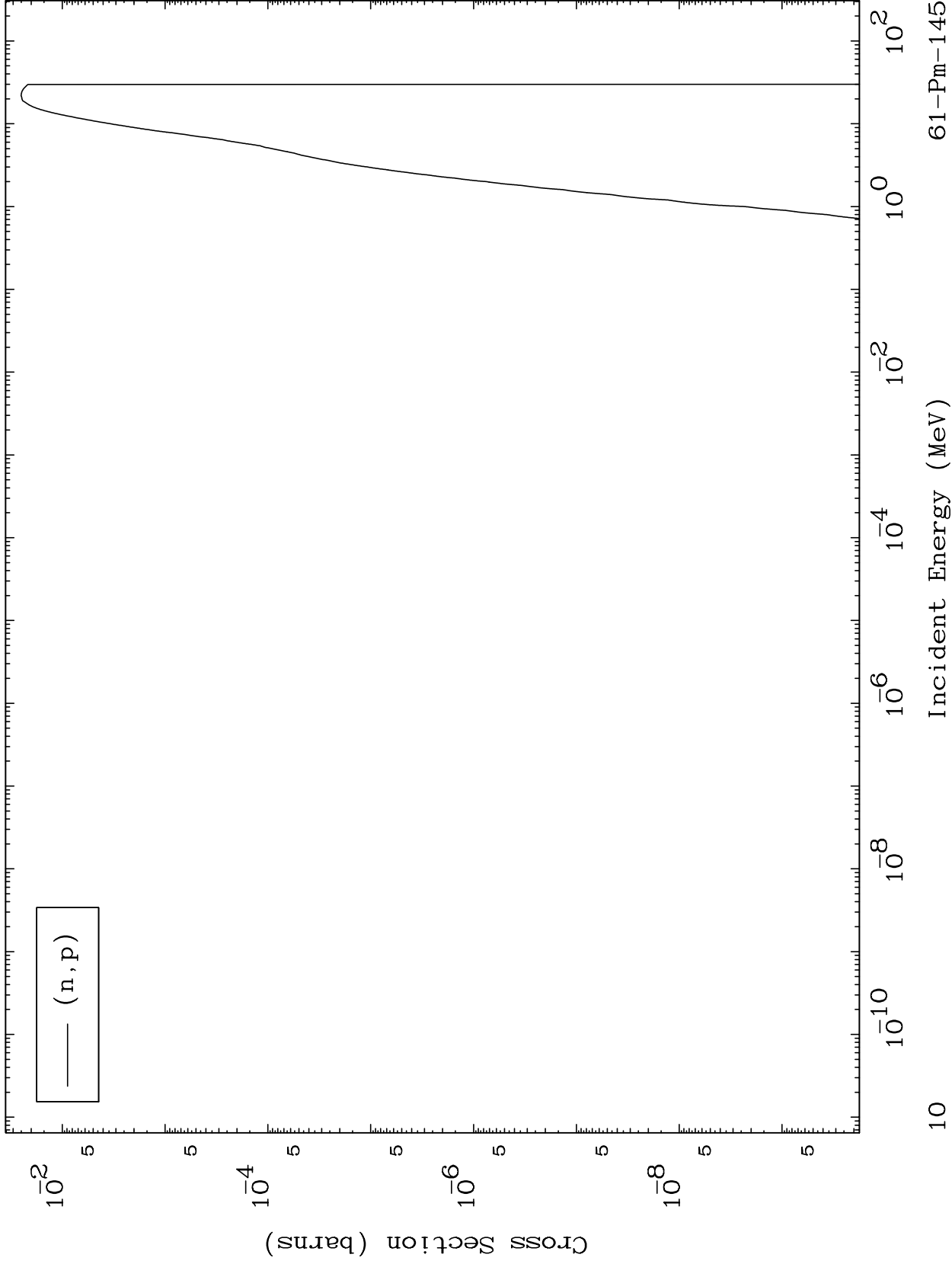
293 Kelvin Cross Sections



MAT 6143

(n,p) Levels
293 Kelvin Cross Sections

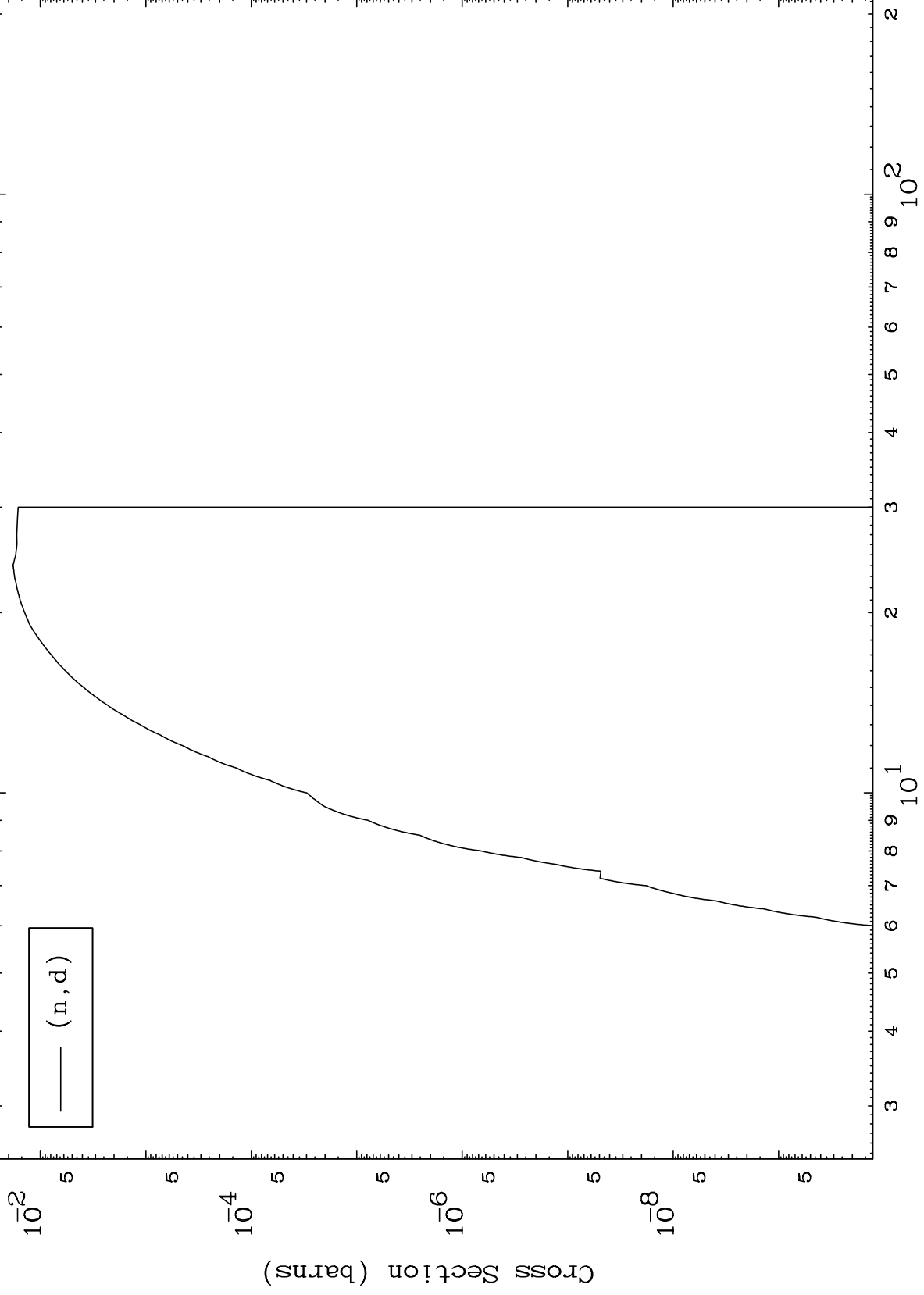
61-Pm-145



MAT 6143

(n,d) Levels
293 Kelvin Cross Sections

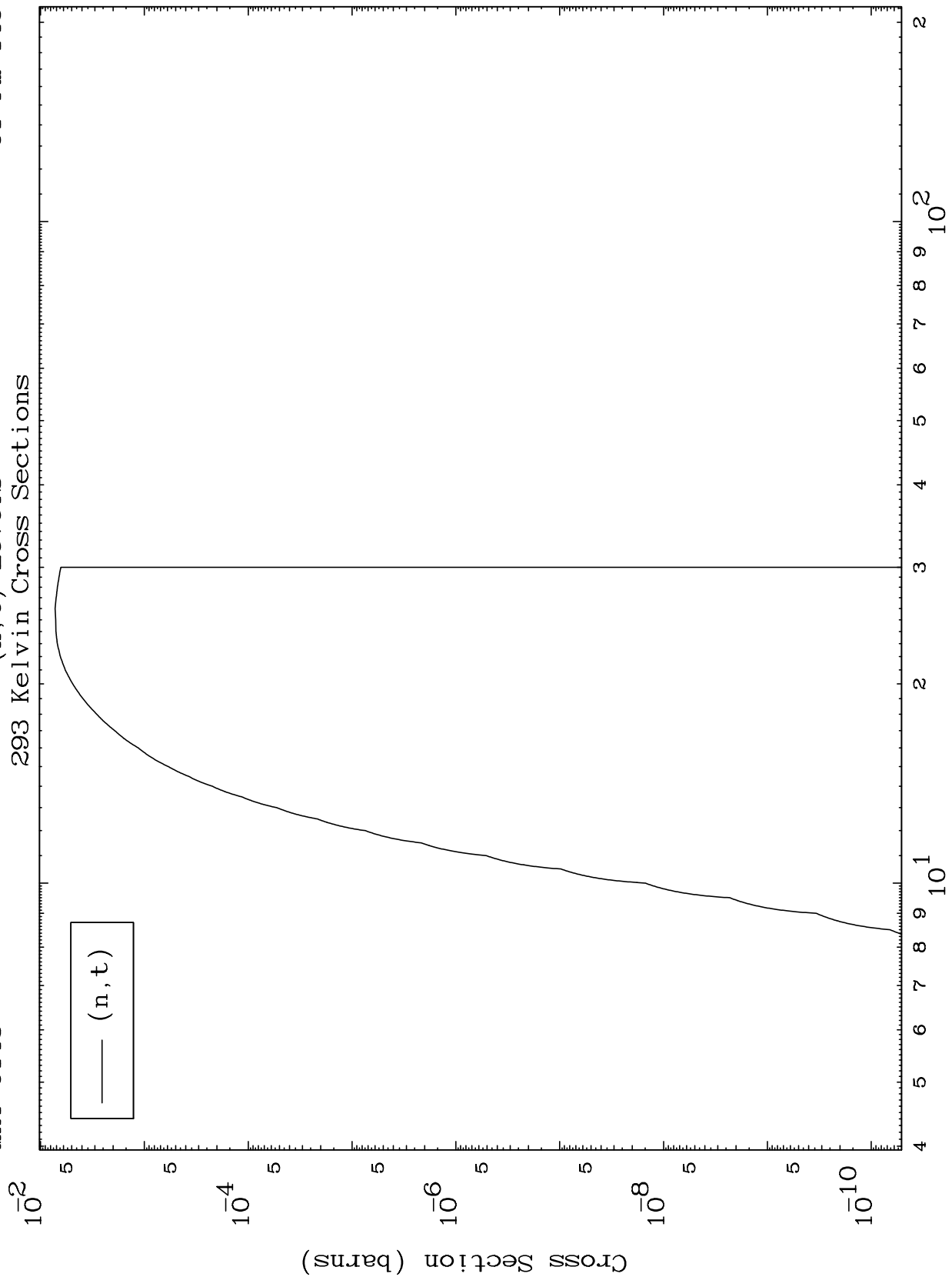
61-Pm-145



MAT 6143

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-145



12

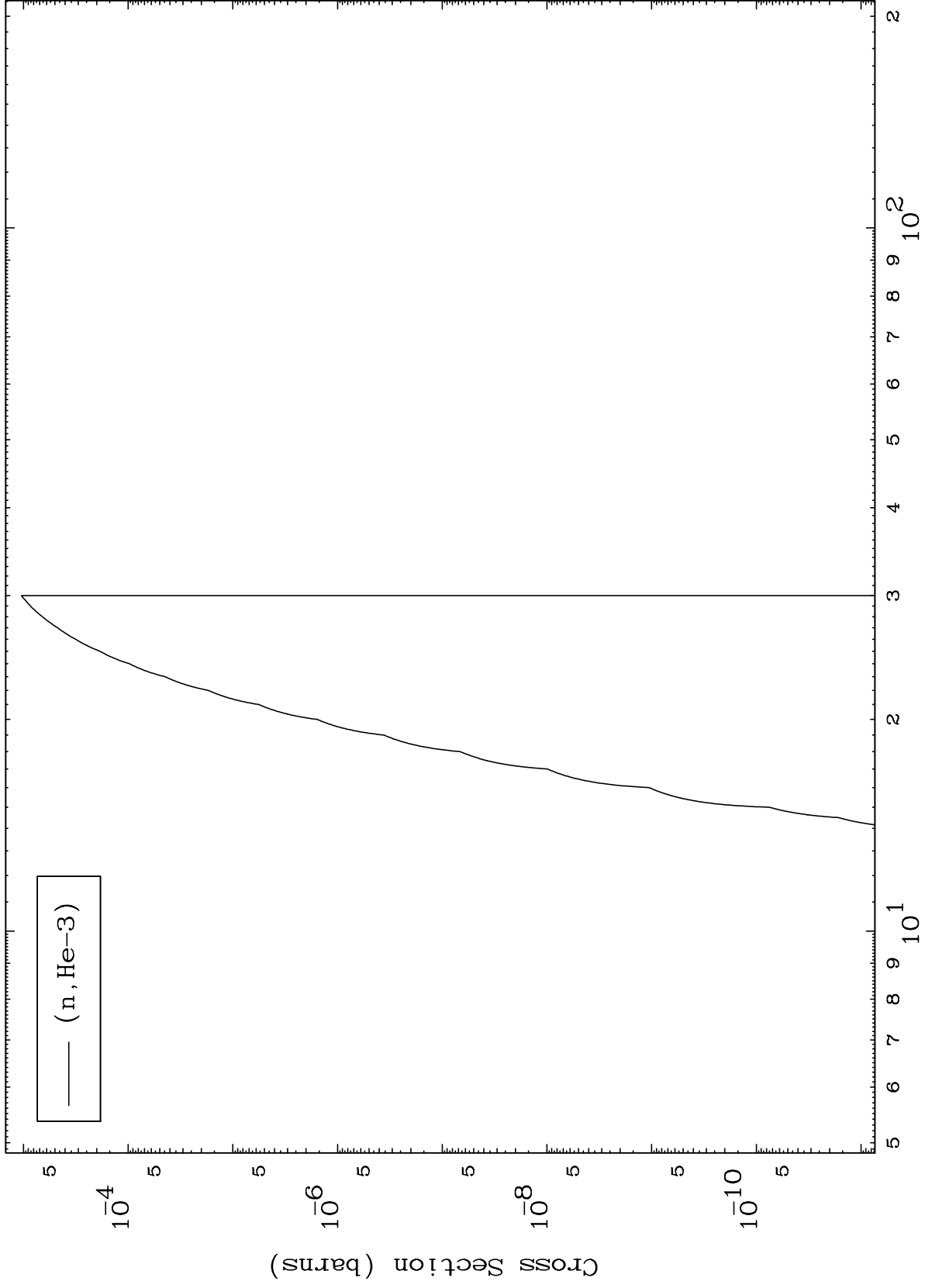
Incident Energy (MeV)

61-Pm-145

MAT 6143

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-145



13

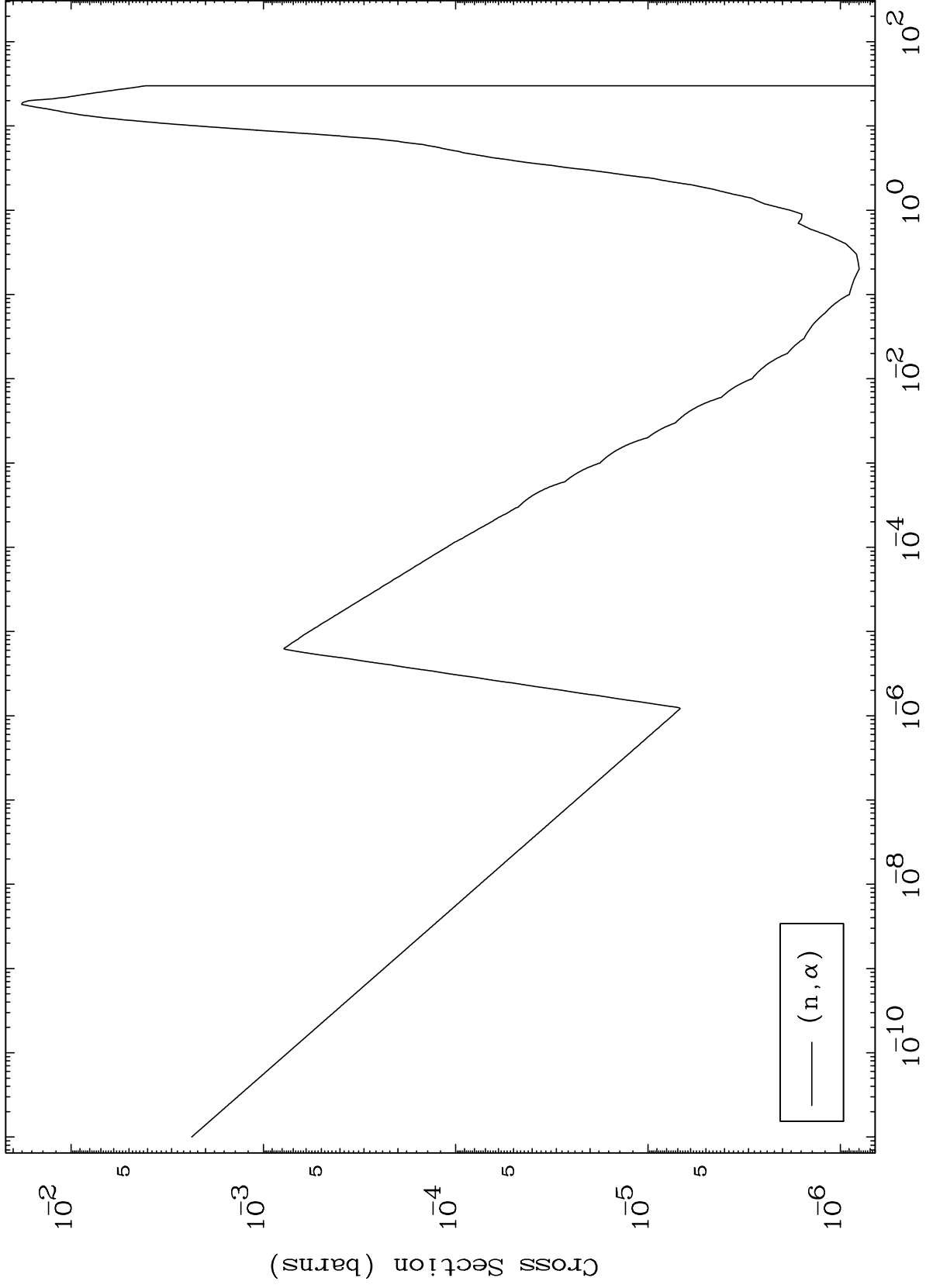
Incident Energy (MeV)

61-Pm-145

MAT 6143

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-145

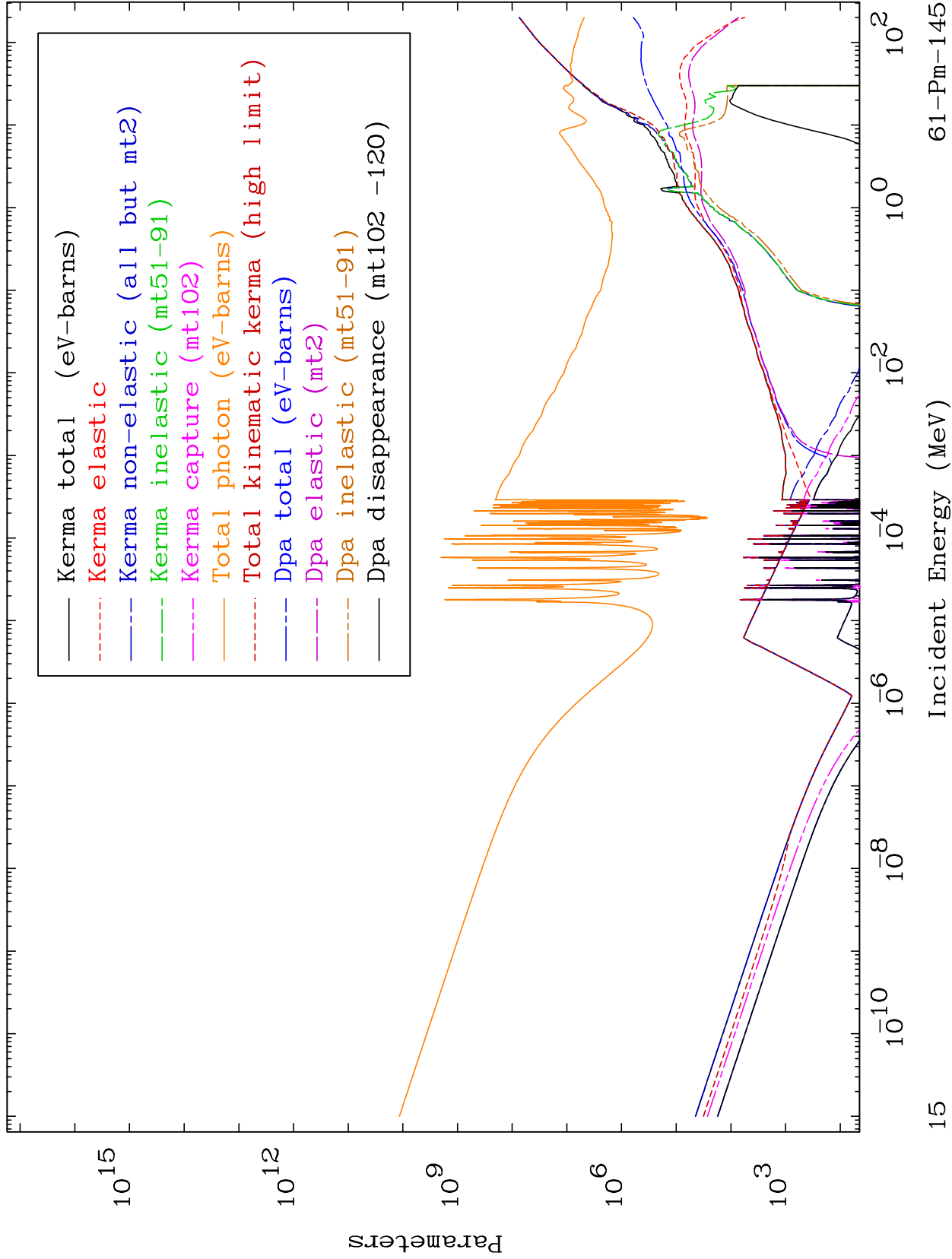


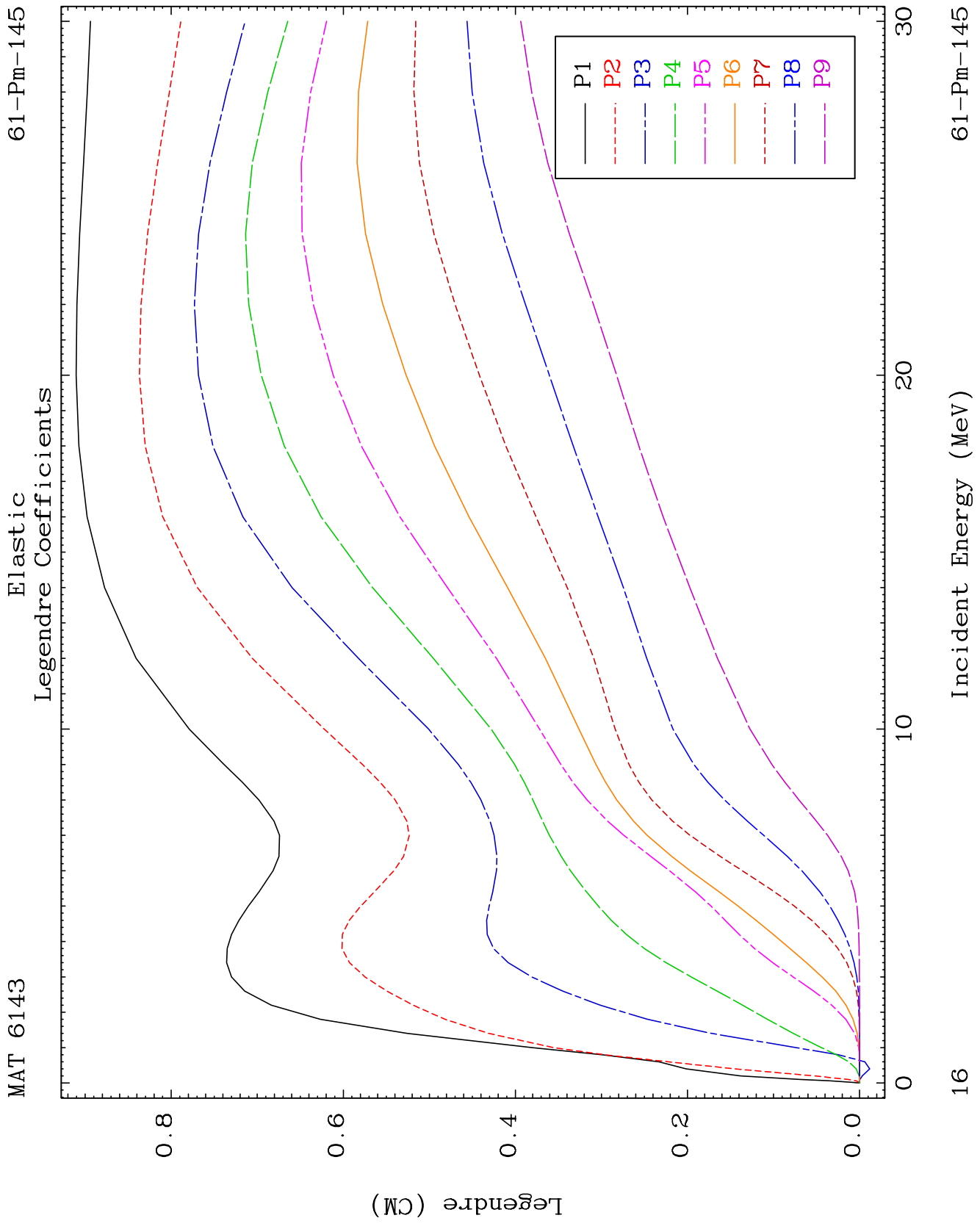
(n, α)

61-Pm-145

Incident Energy (MeV)

14

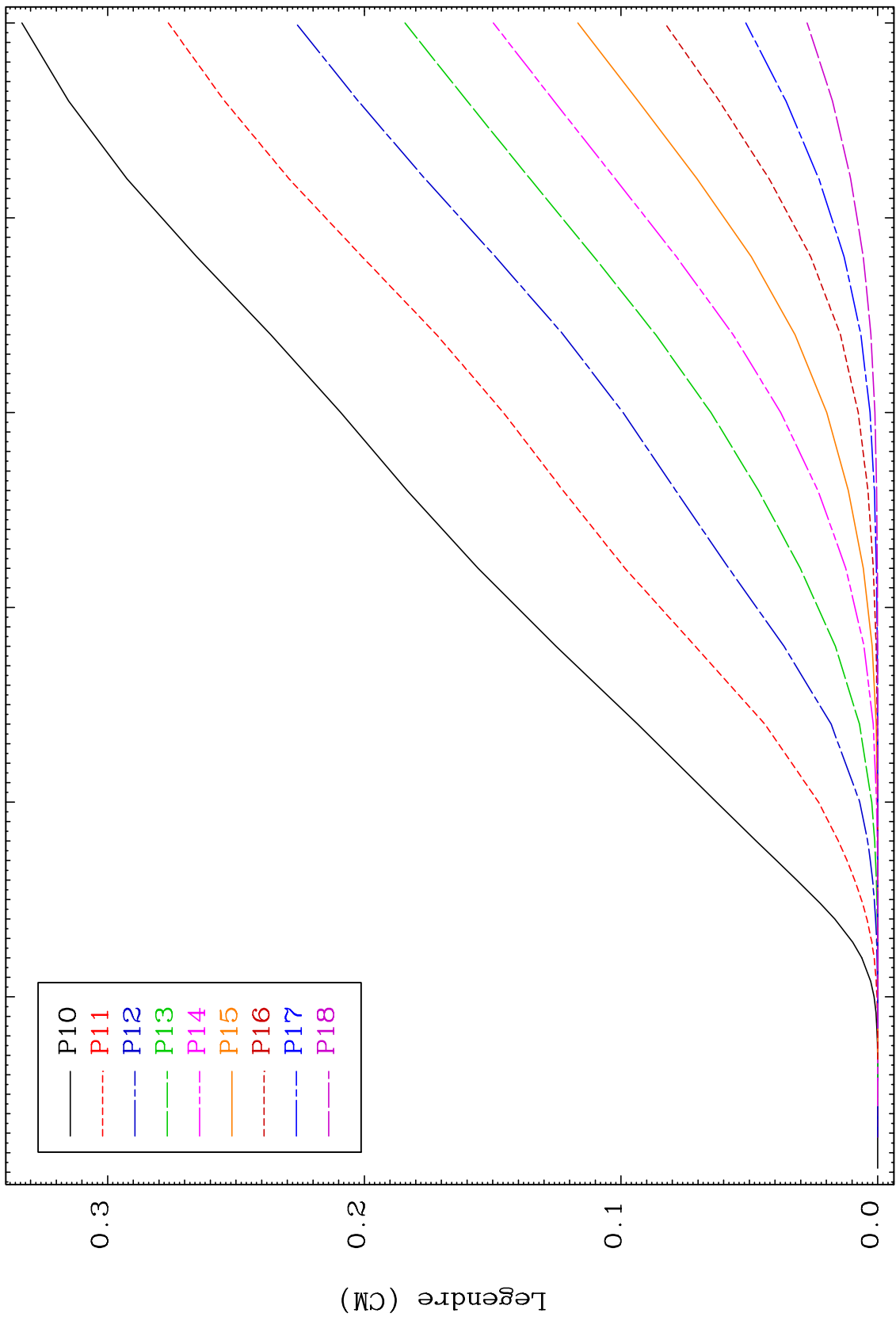




MAT 6143

Elastic Legendre Coefficients

61-Pm-145



17

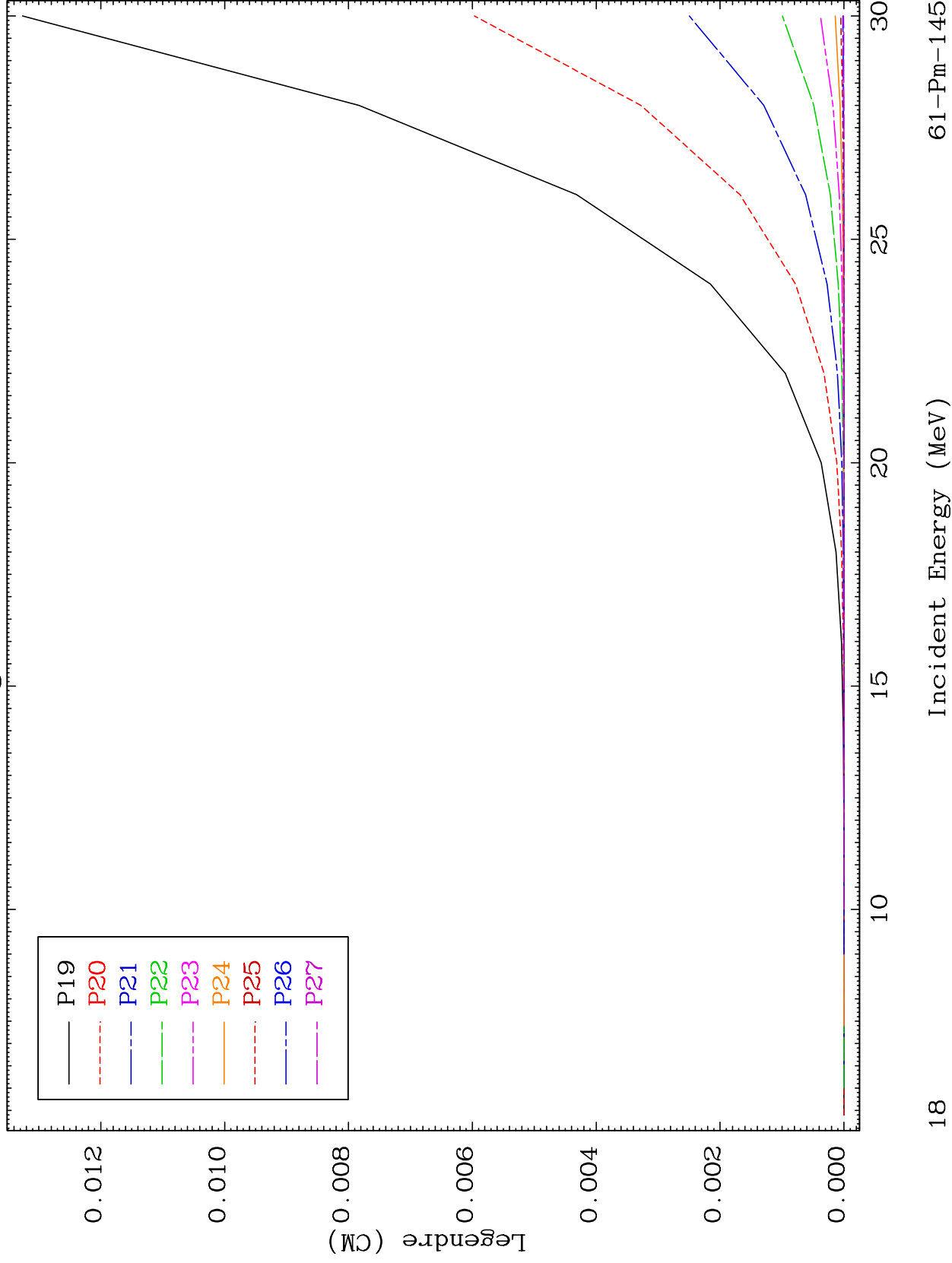
Incident Energy (MeV)

61-Pm-145

MAT 6143

Elastic Legendre Coefficients

61-Pm-145



18

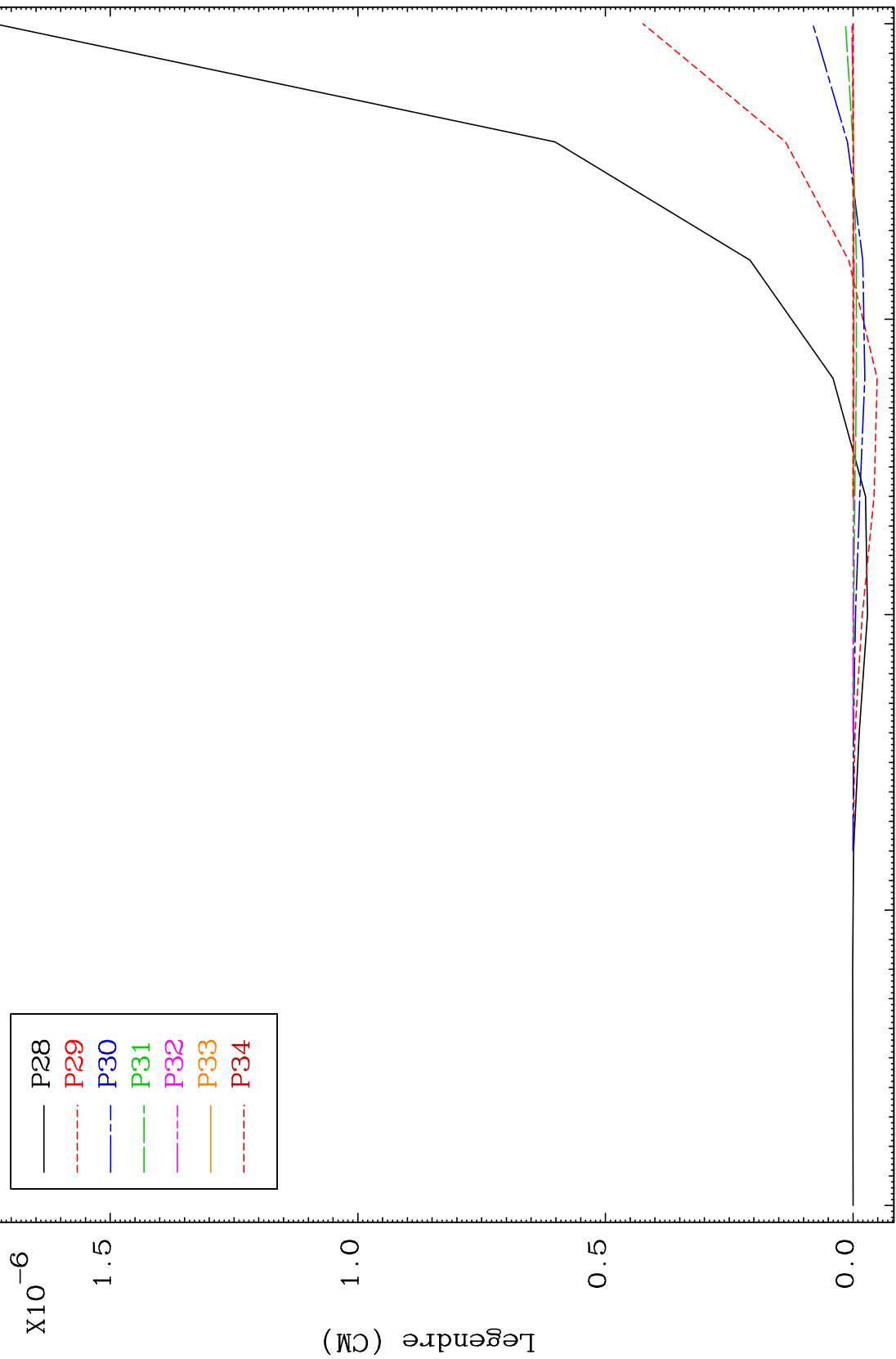
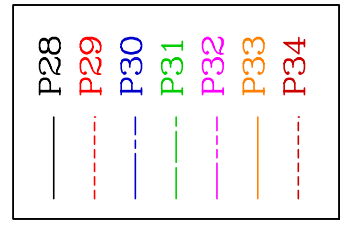
Incident Energy (MeV)

61-Pm-145

MAT 6143

Elastic Legendre Coefficients

61-Pm-145



61-Pm-145

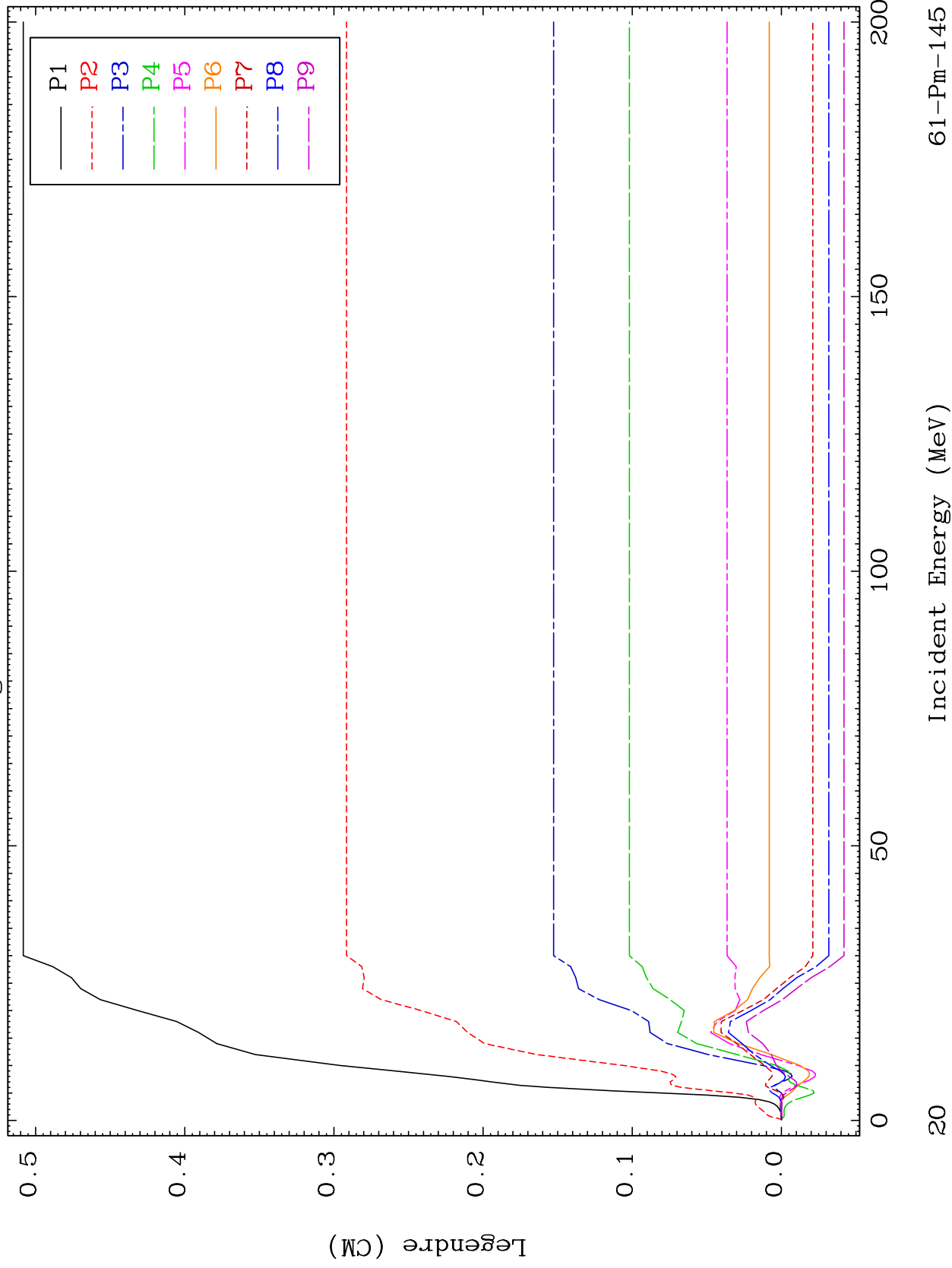
Incident Energy (MeV)

19

MAT 6143

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

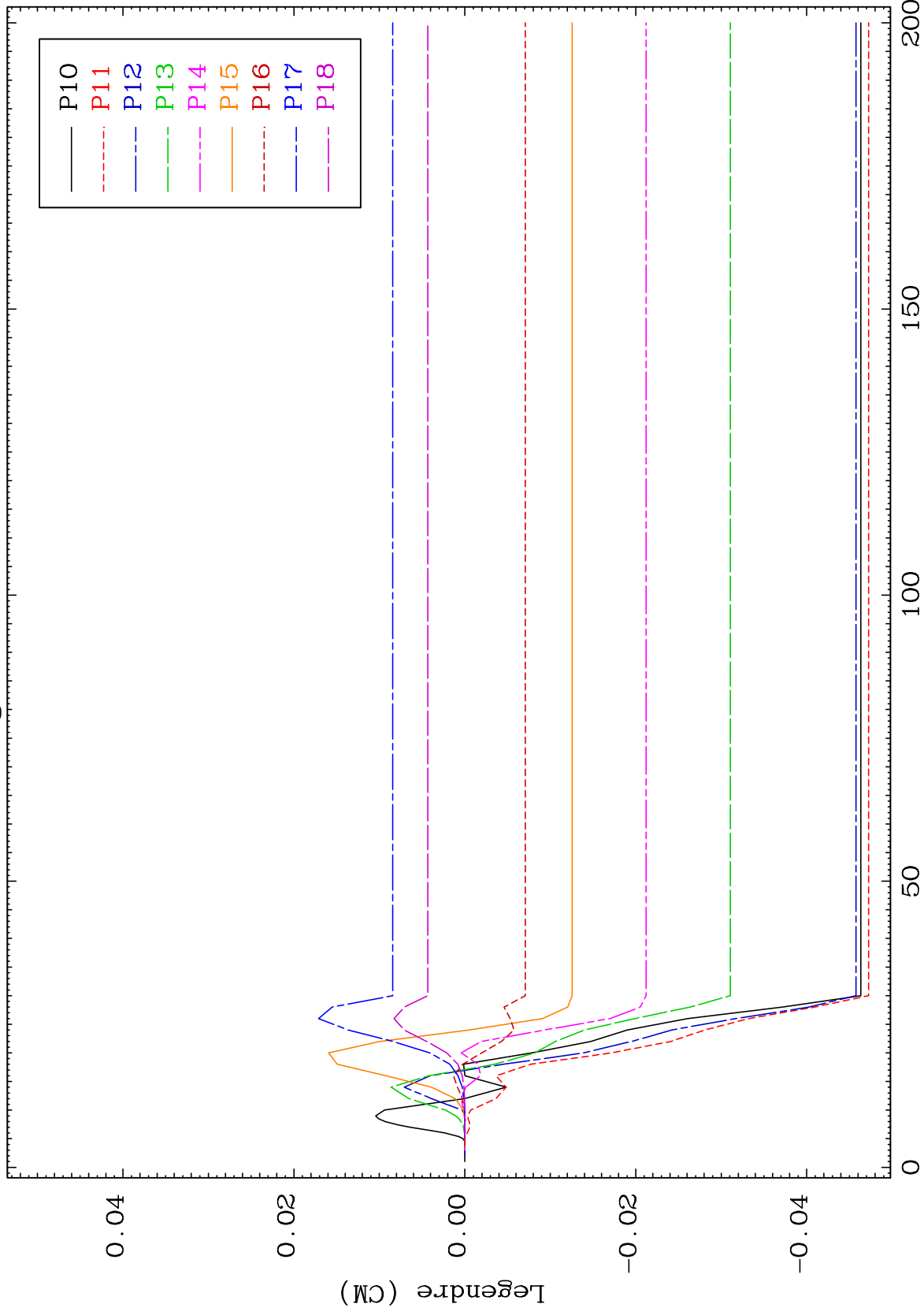
61-Pm-145



MAT 6143

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

61-Pm-145



21

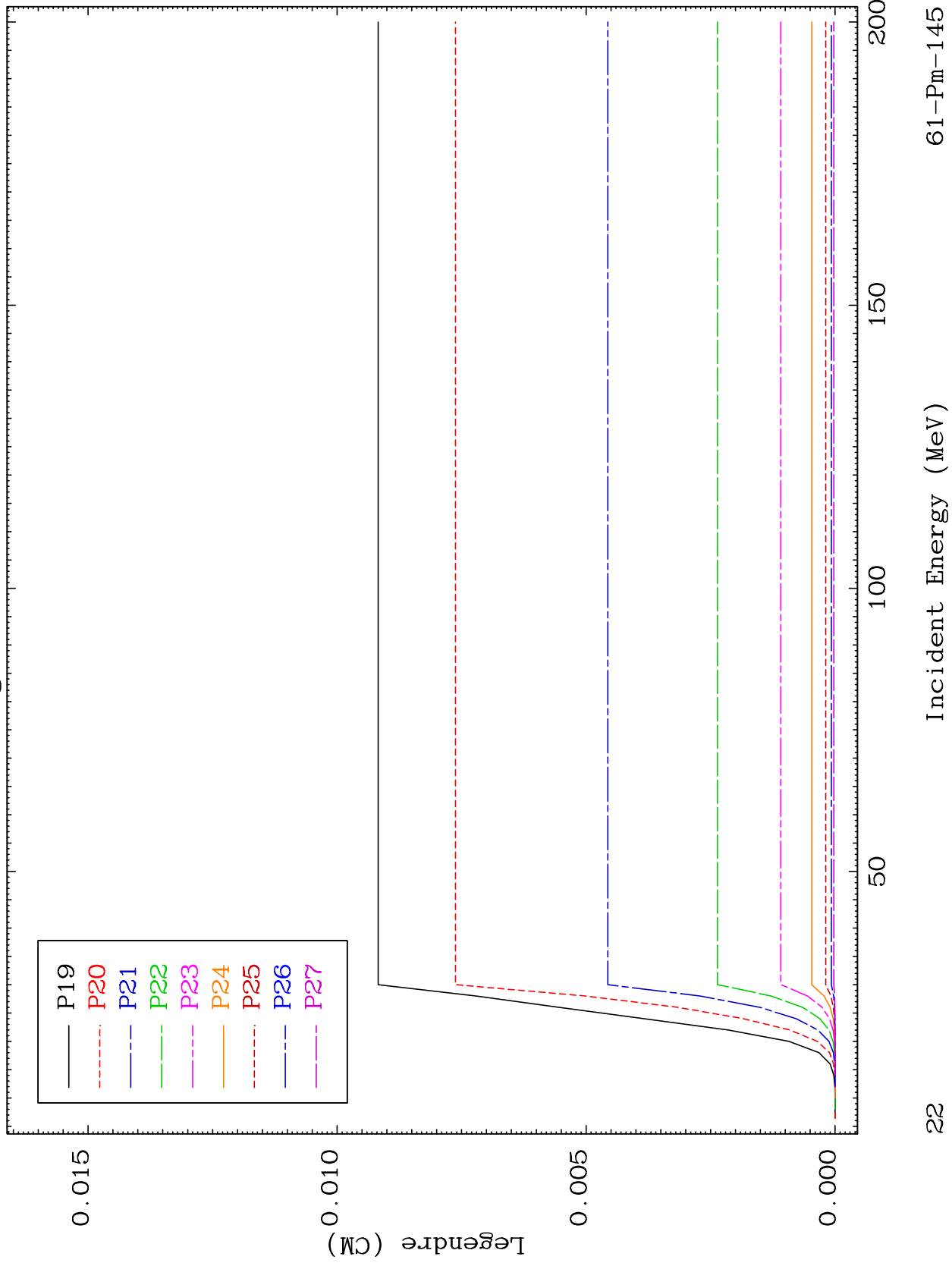
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

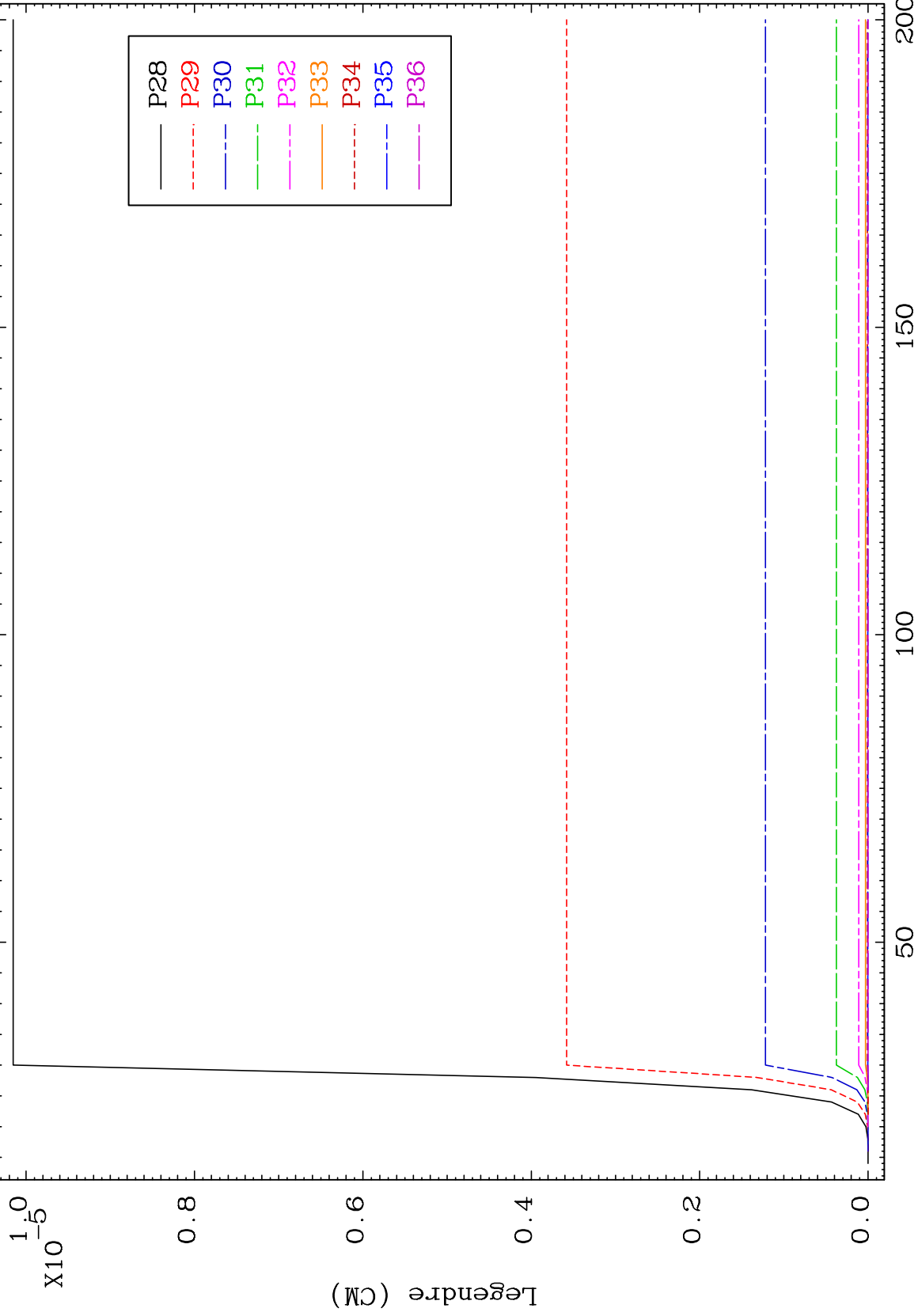
61-Pm-145



MAT 6143

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

61-Pm-145



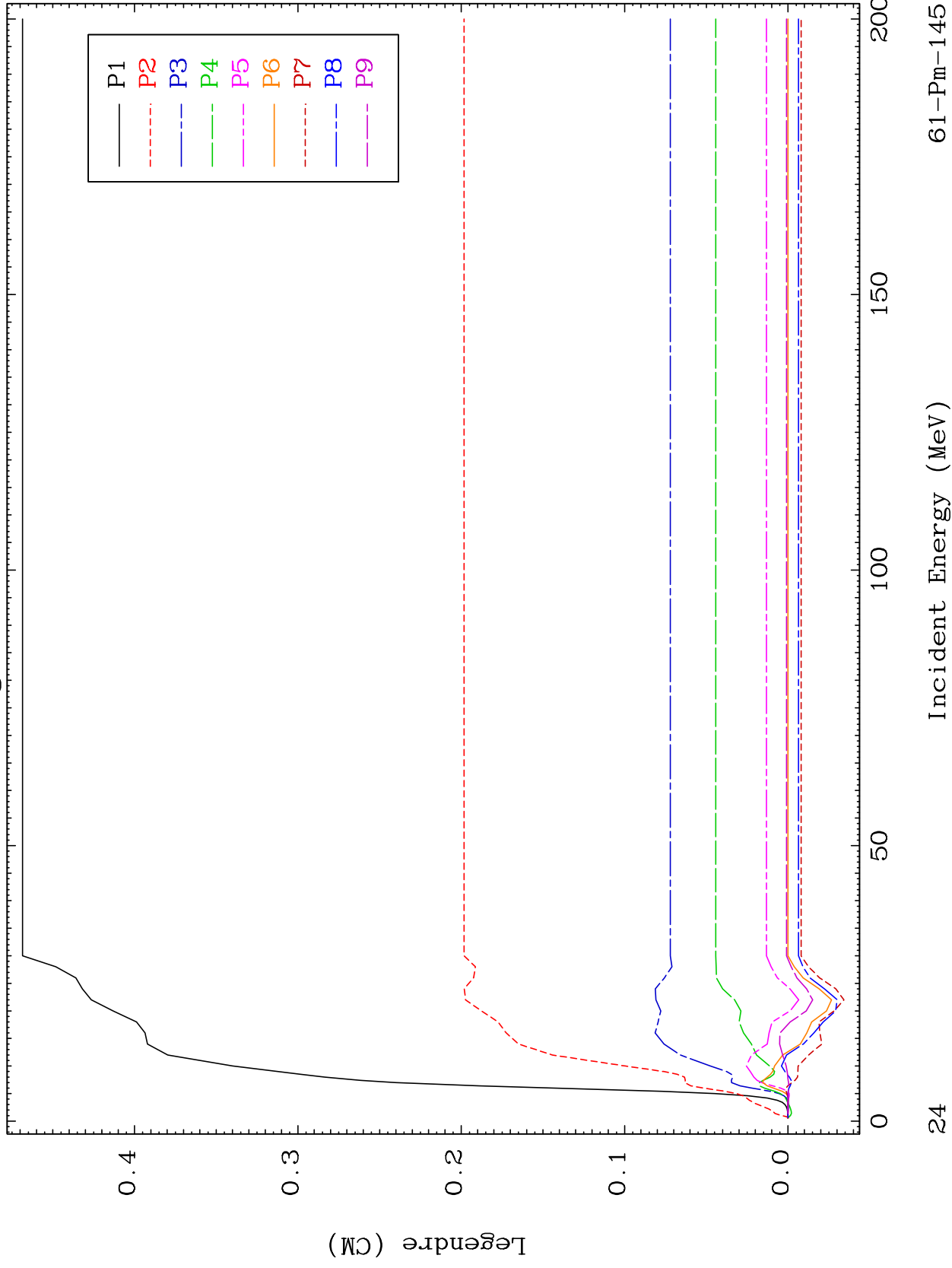
23

61-Pm-145

MAT 6143

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

61-Pm-145



61-Pm-145

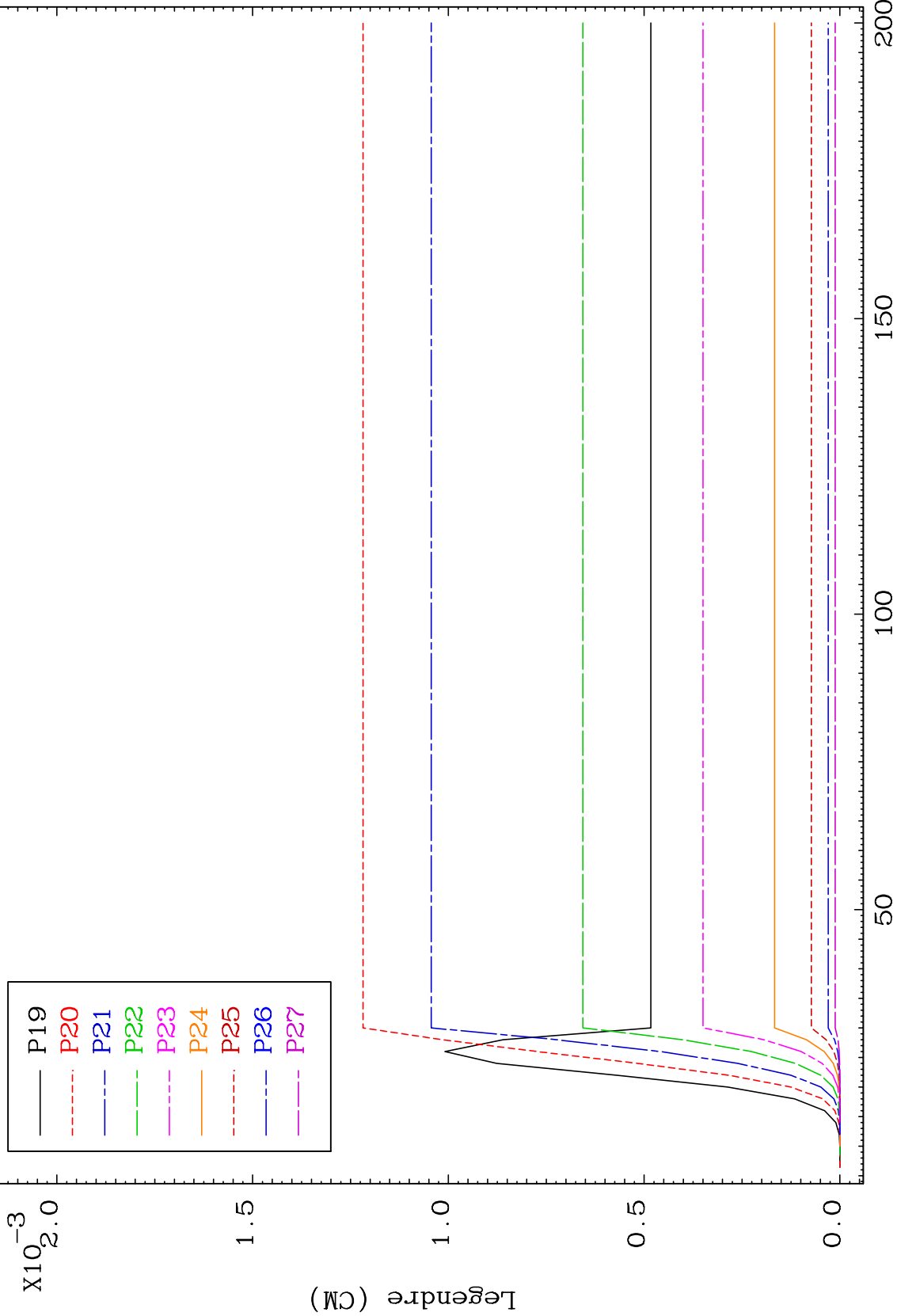
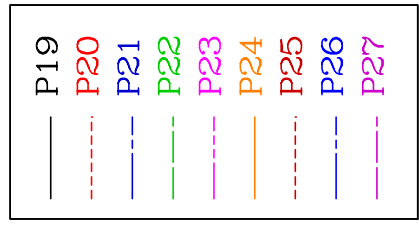
Incident Energy (MeV)

24

MAT 6143

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

61-Pm-145



26

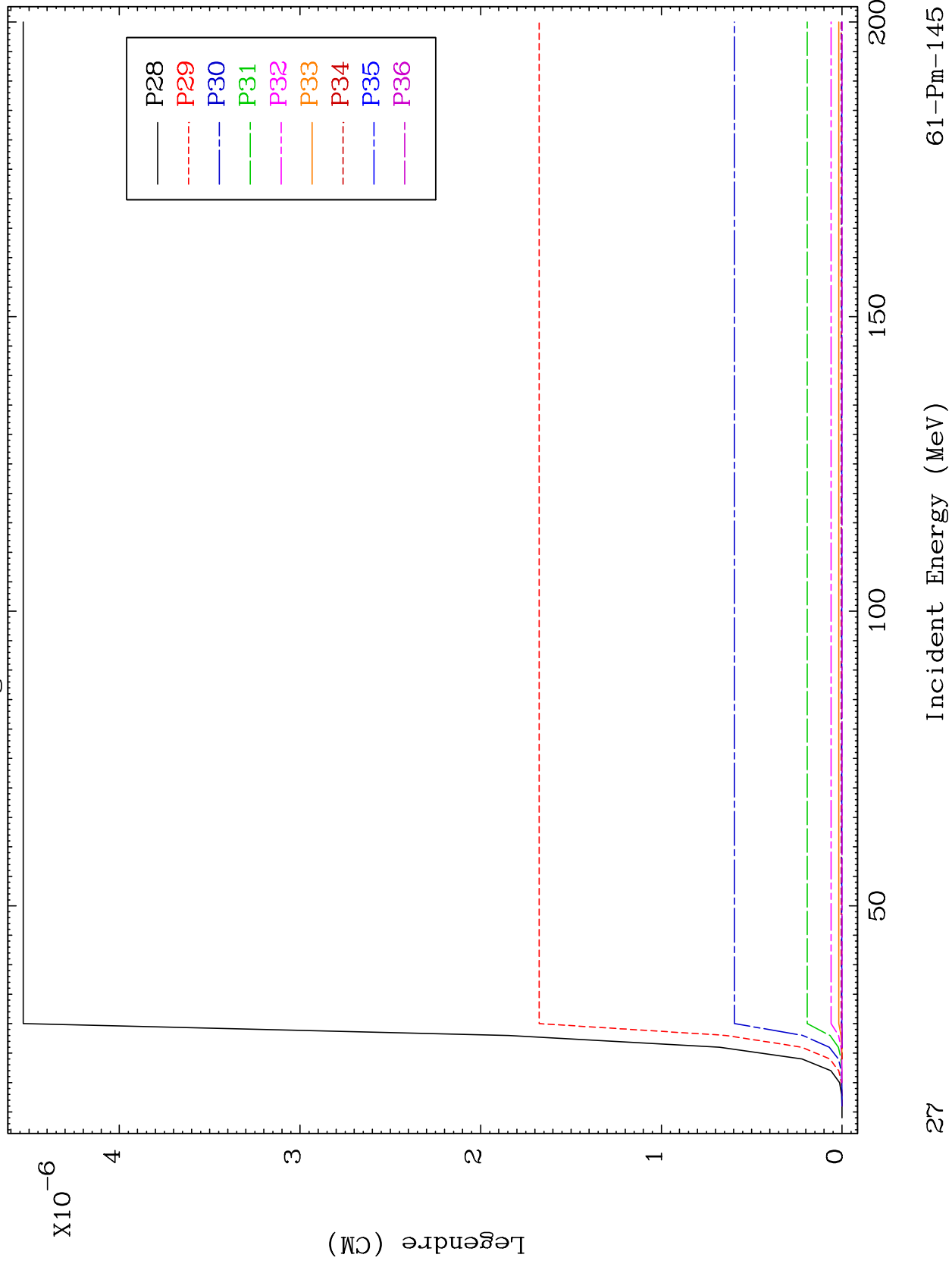
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

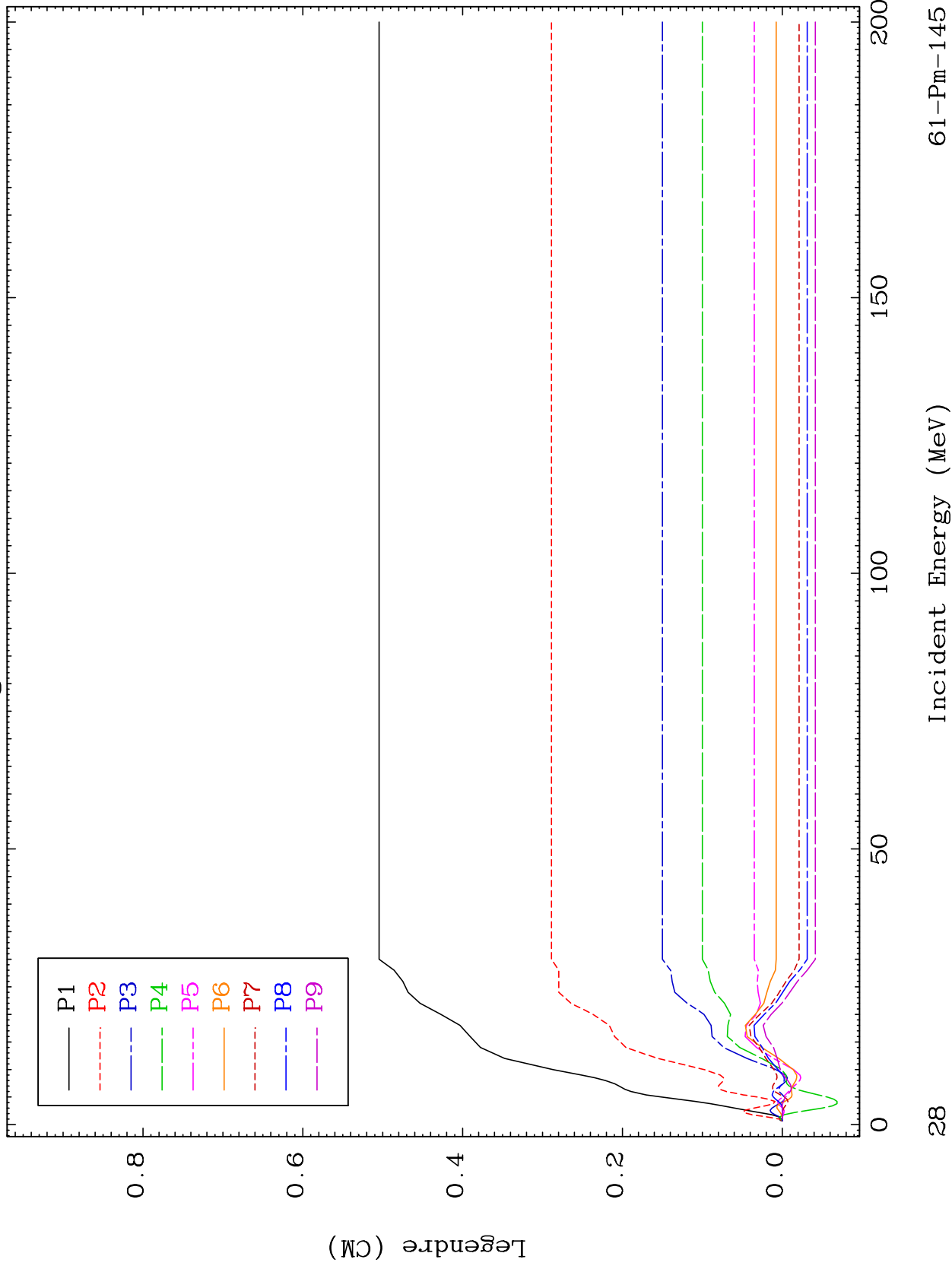
61-Pm-145



MAT 6143

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

61-Pm-145



61-Pm-145

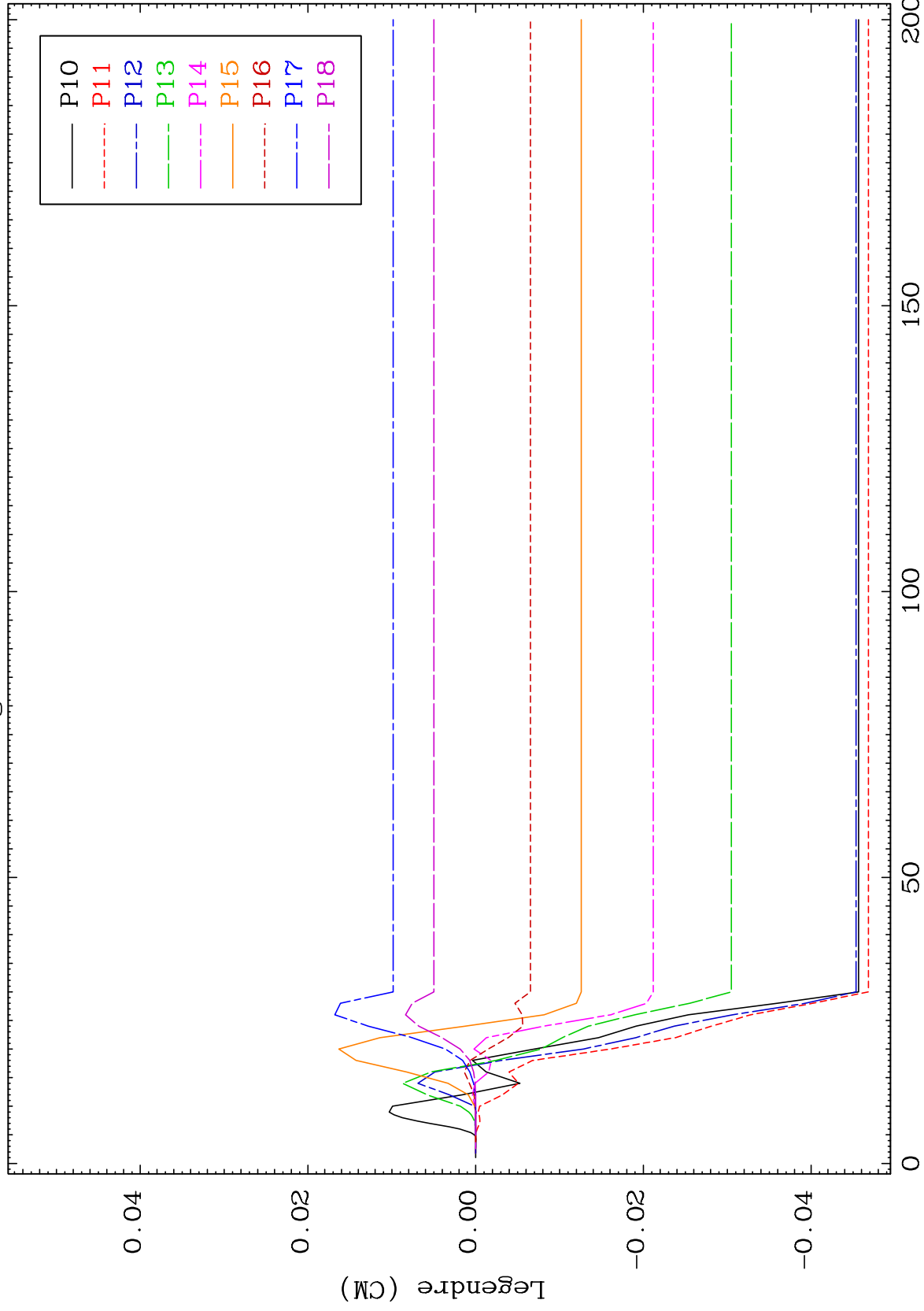
Incident Energy (MeV)

28

MAT 6143

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

61-Pm-145



29

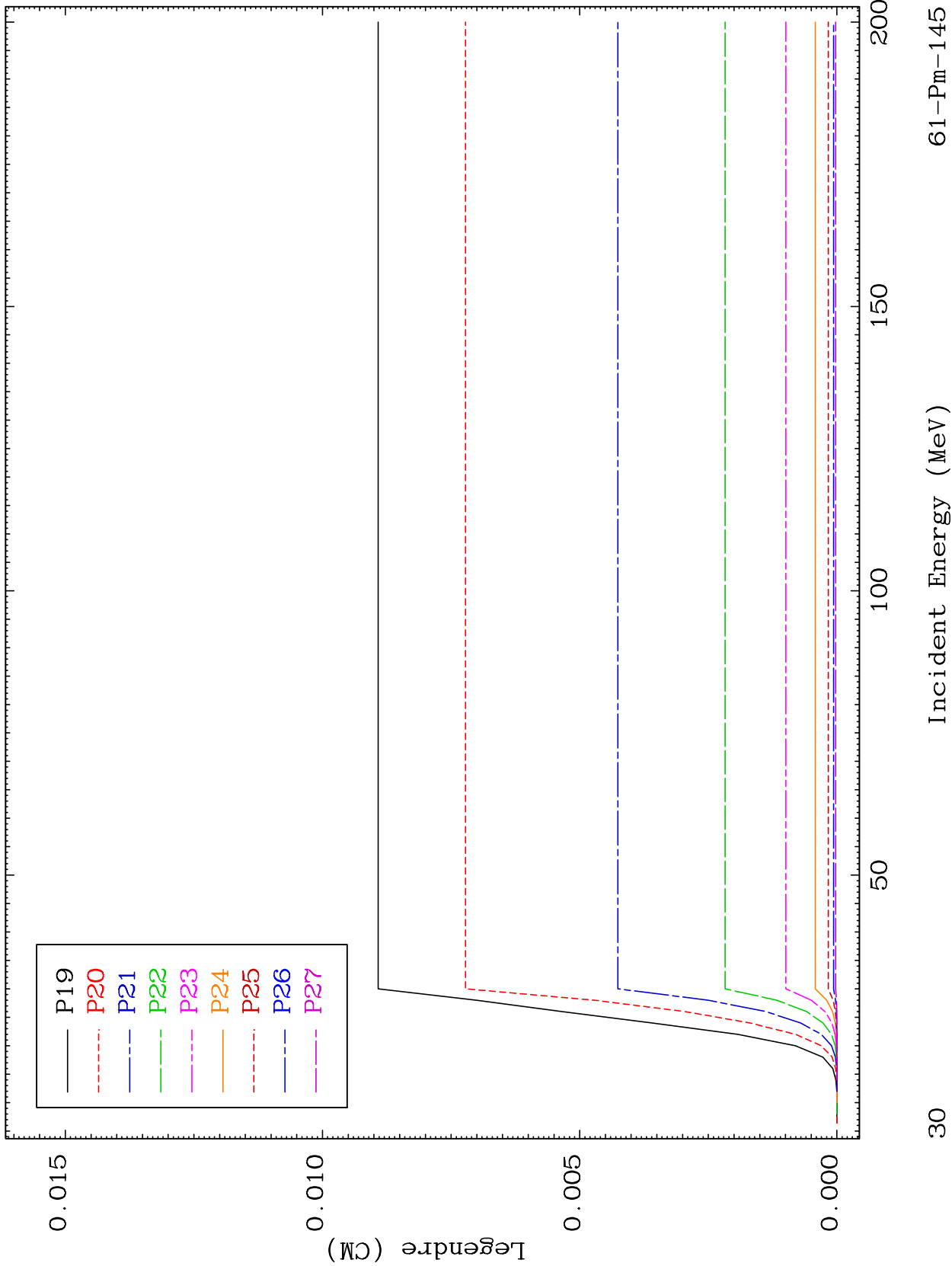
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



30

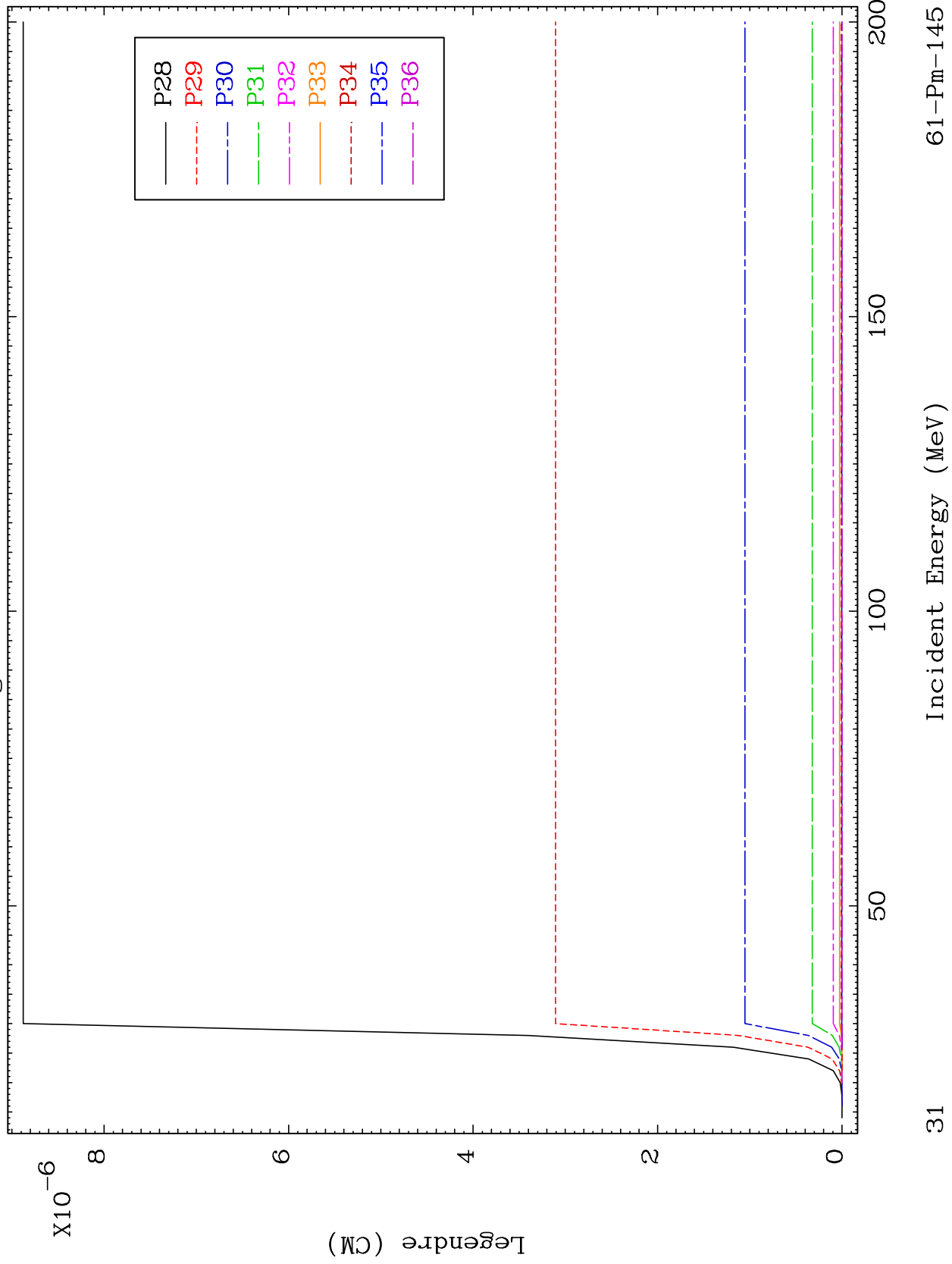
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



31

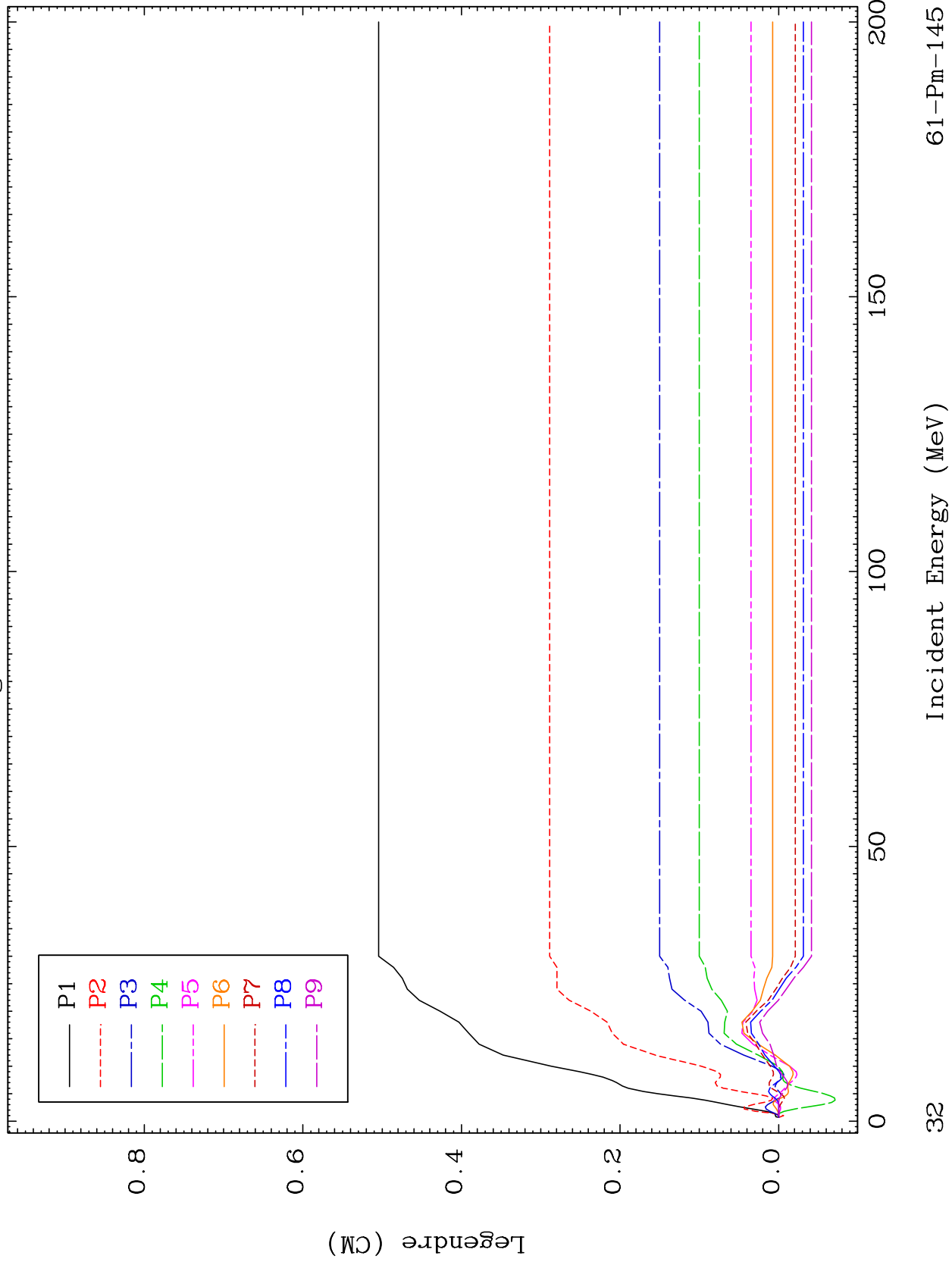
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



32

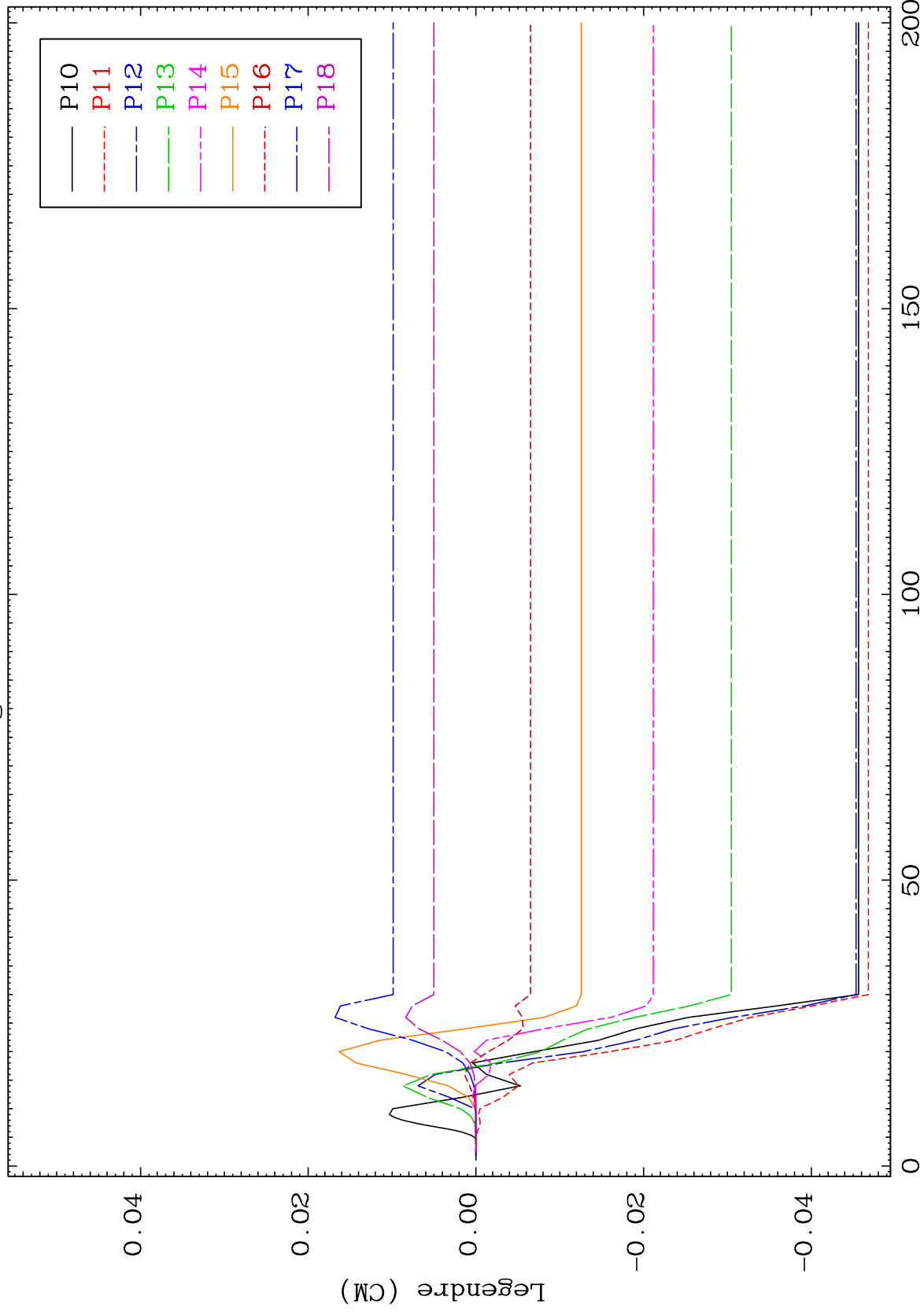
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



33

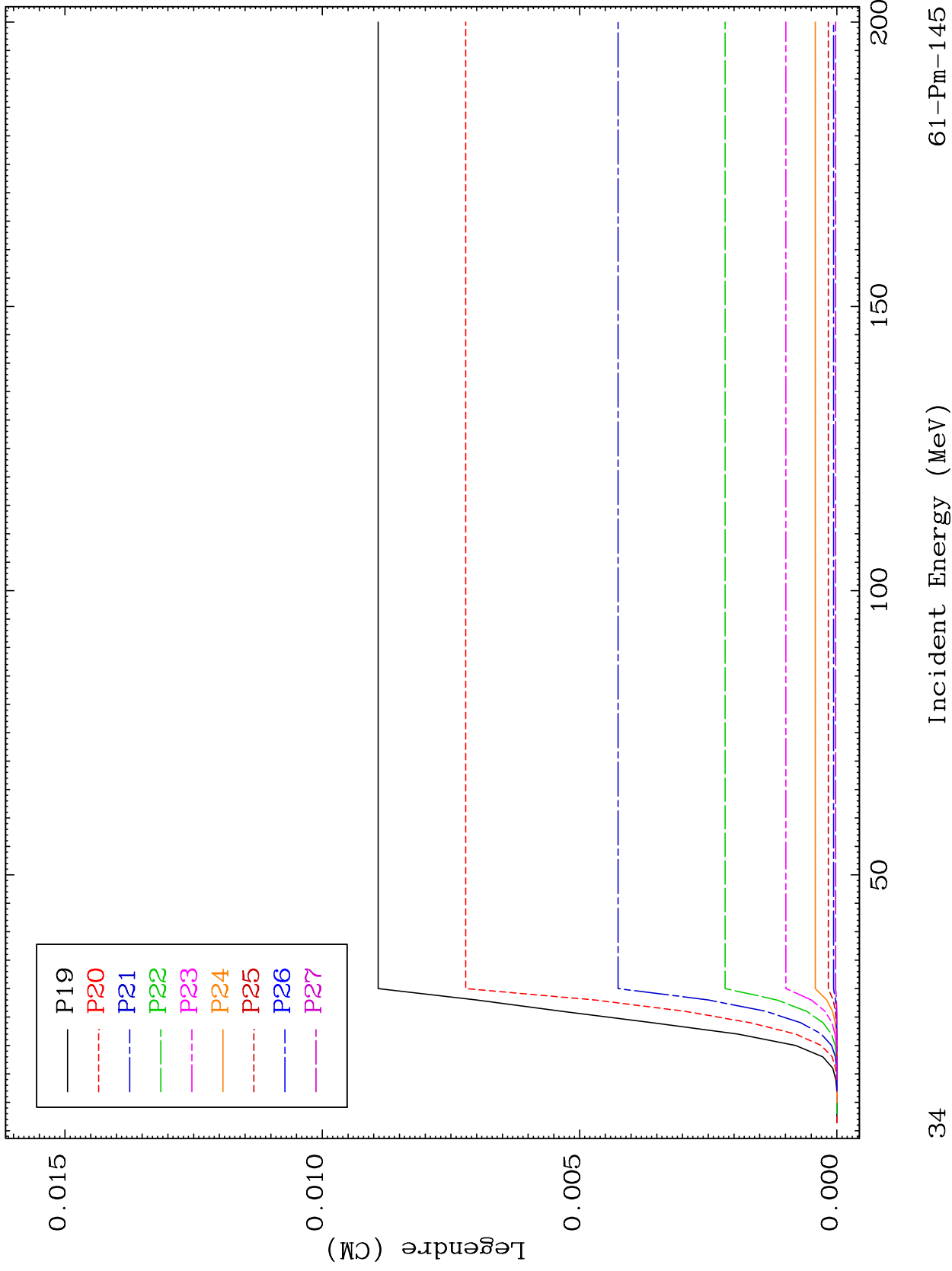
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



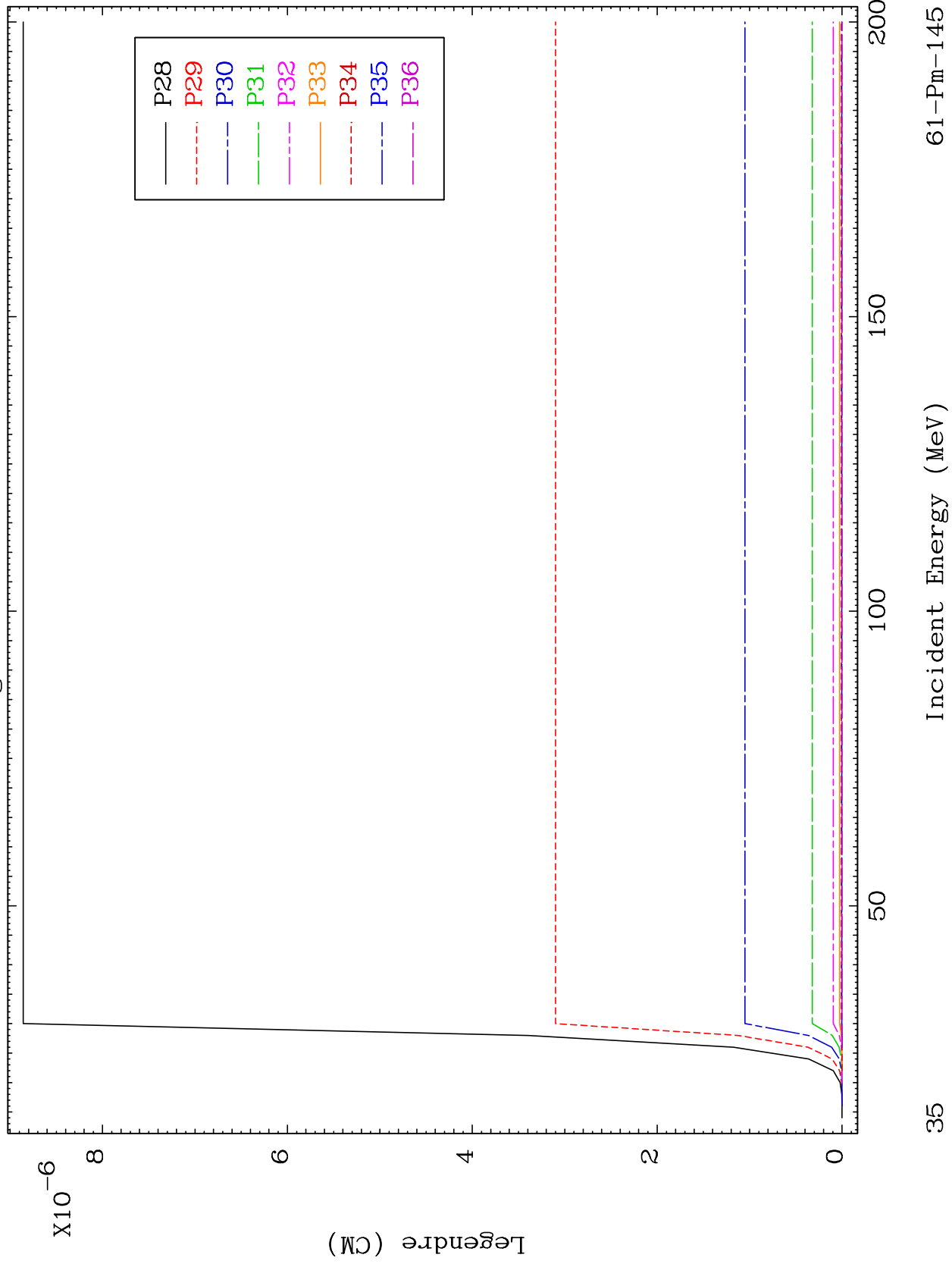
34

61-Pm-145

MAT 6143

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

61-Pm-145



35

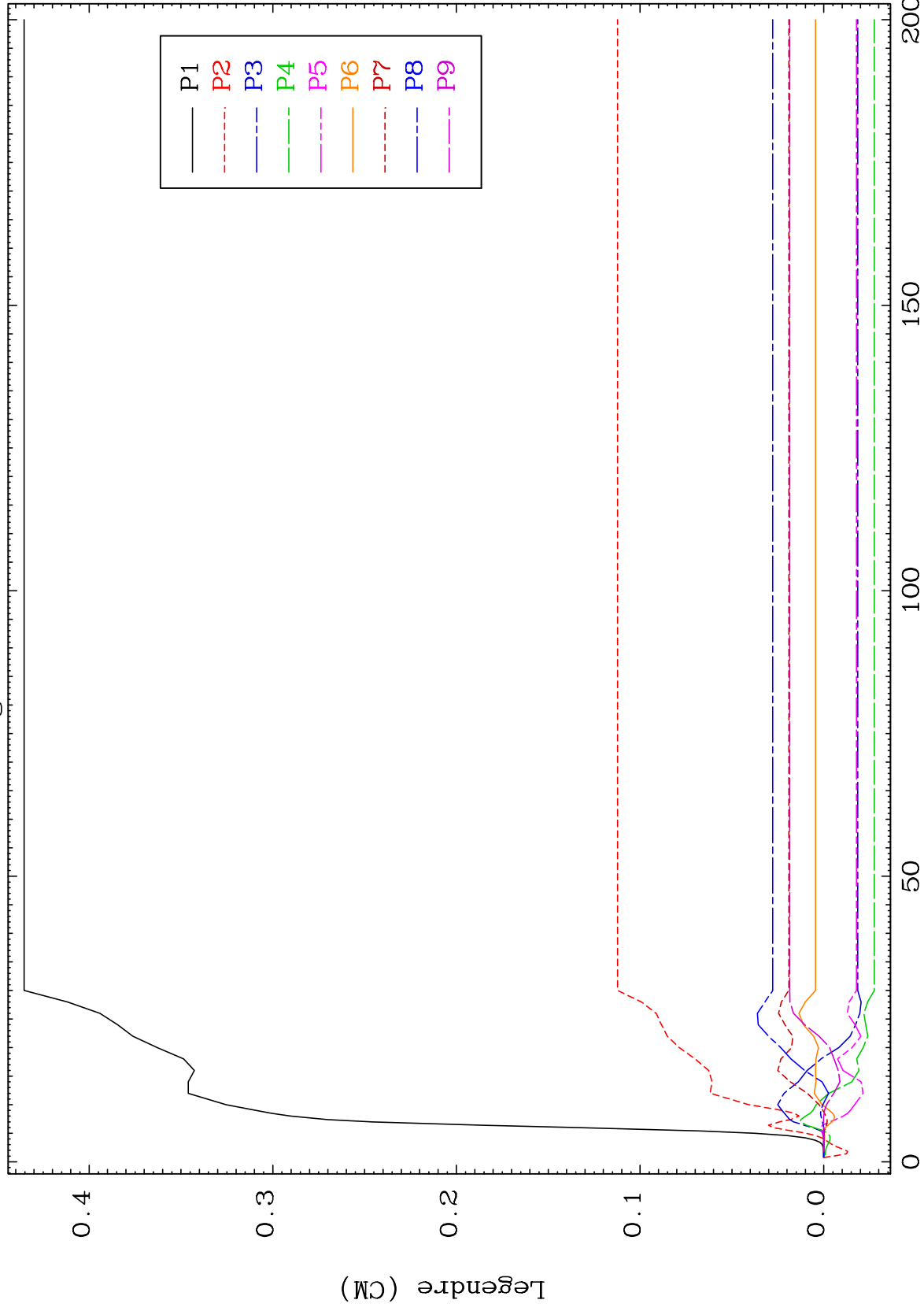
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



36

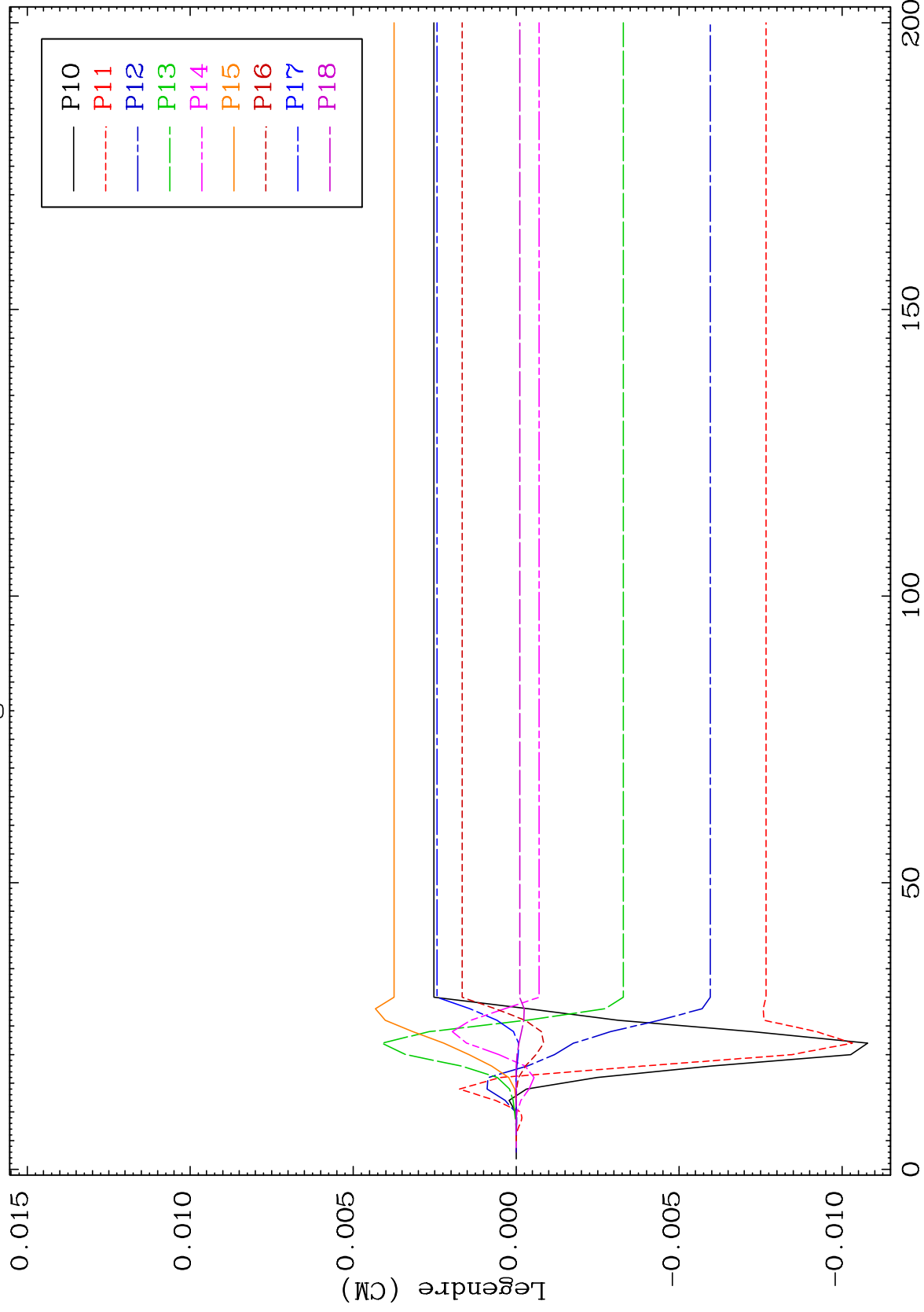
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



37

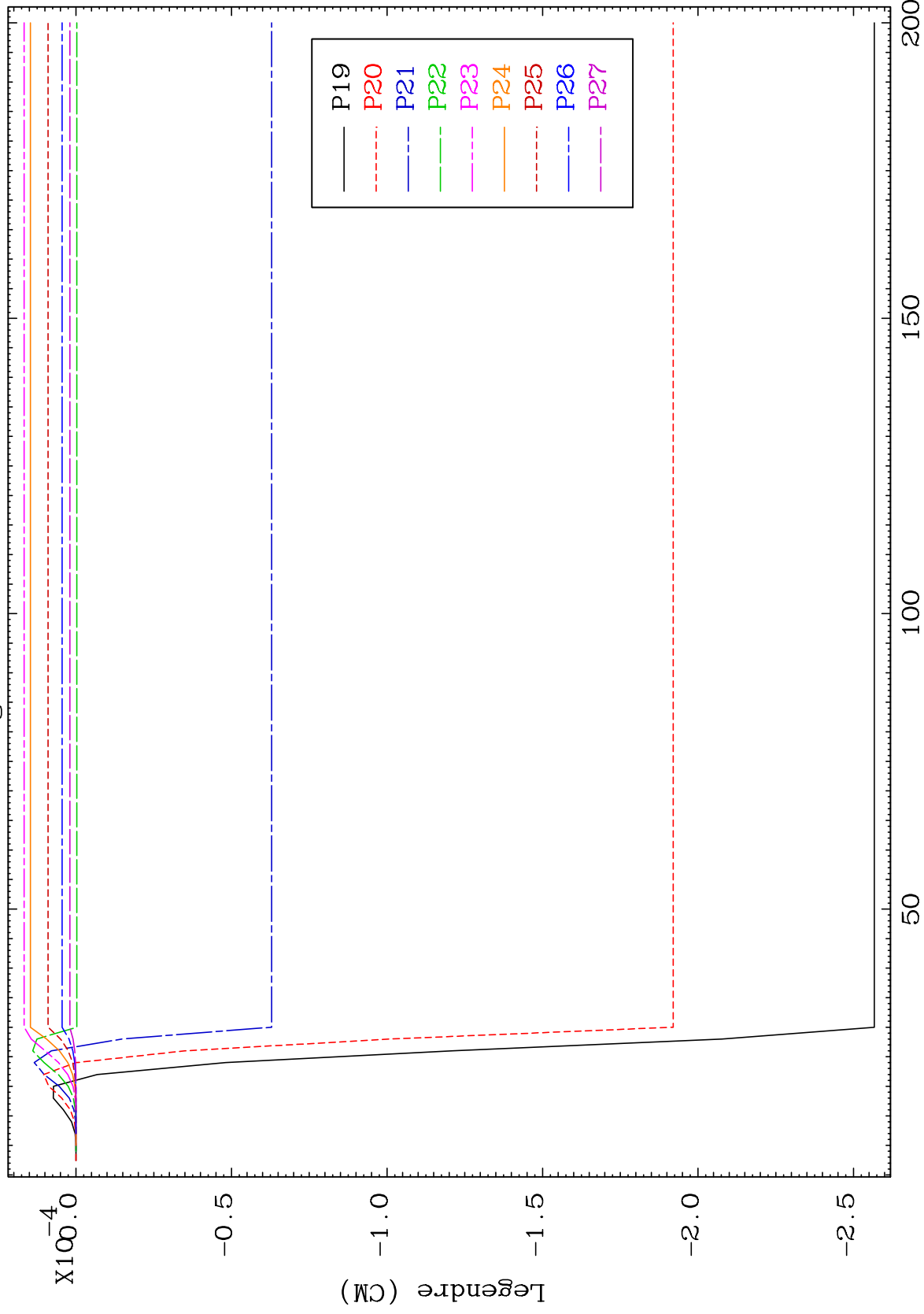
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

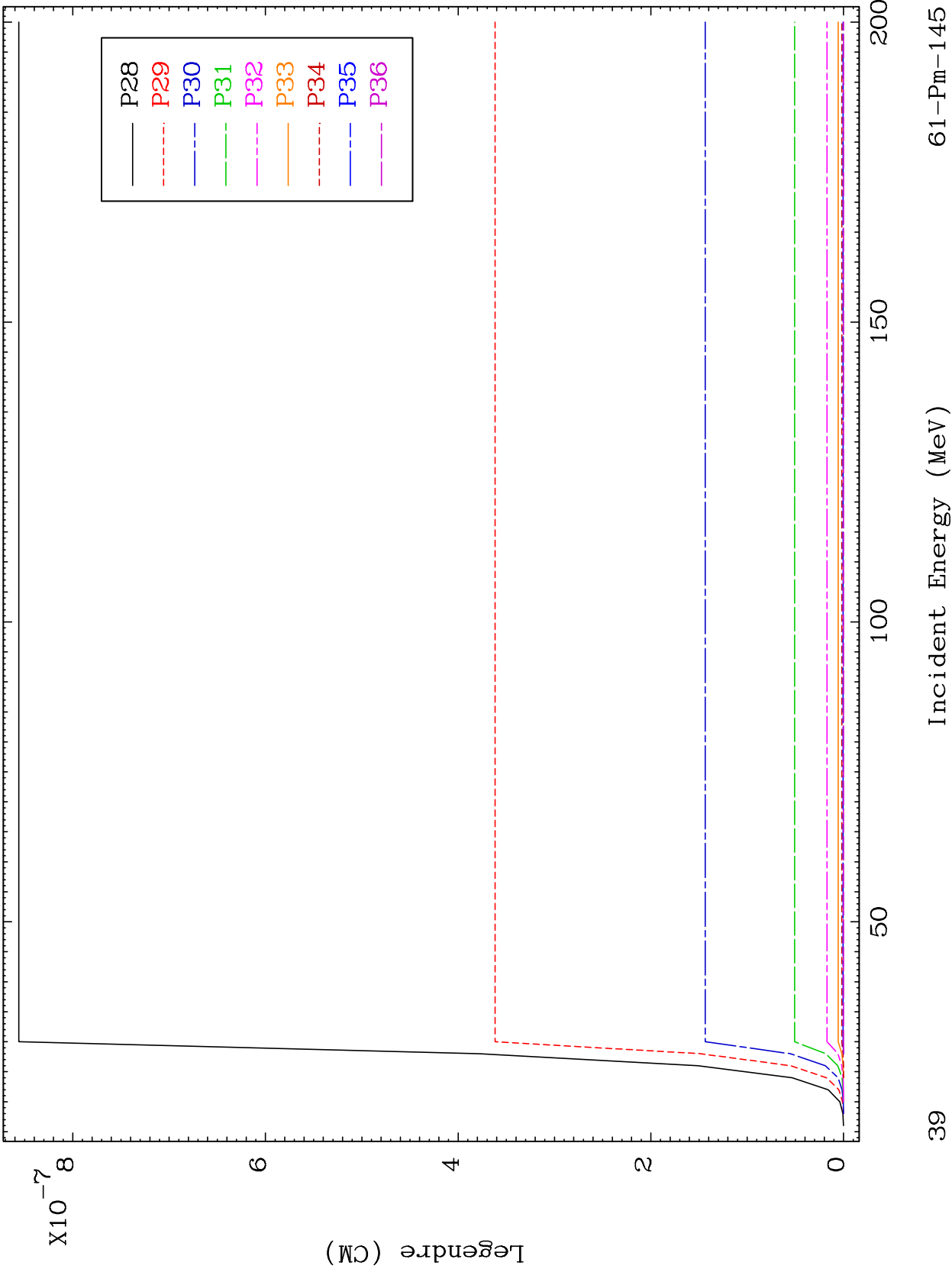
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MAT 6143

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

61-Pm-145



39

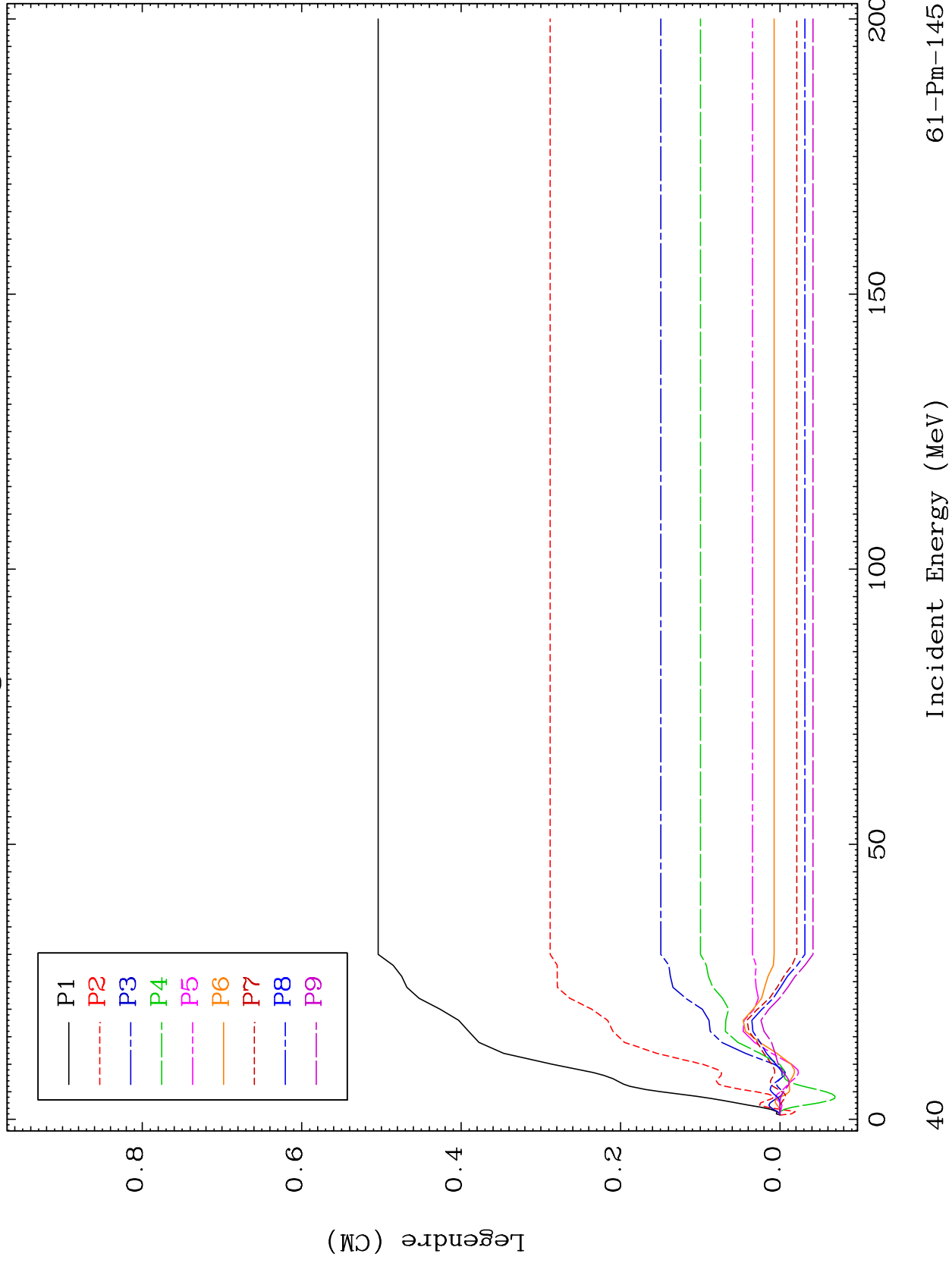
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



61-Pm-145

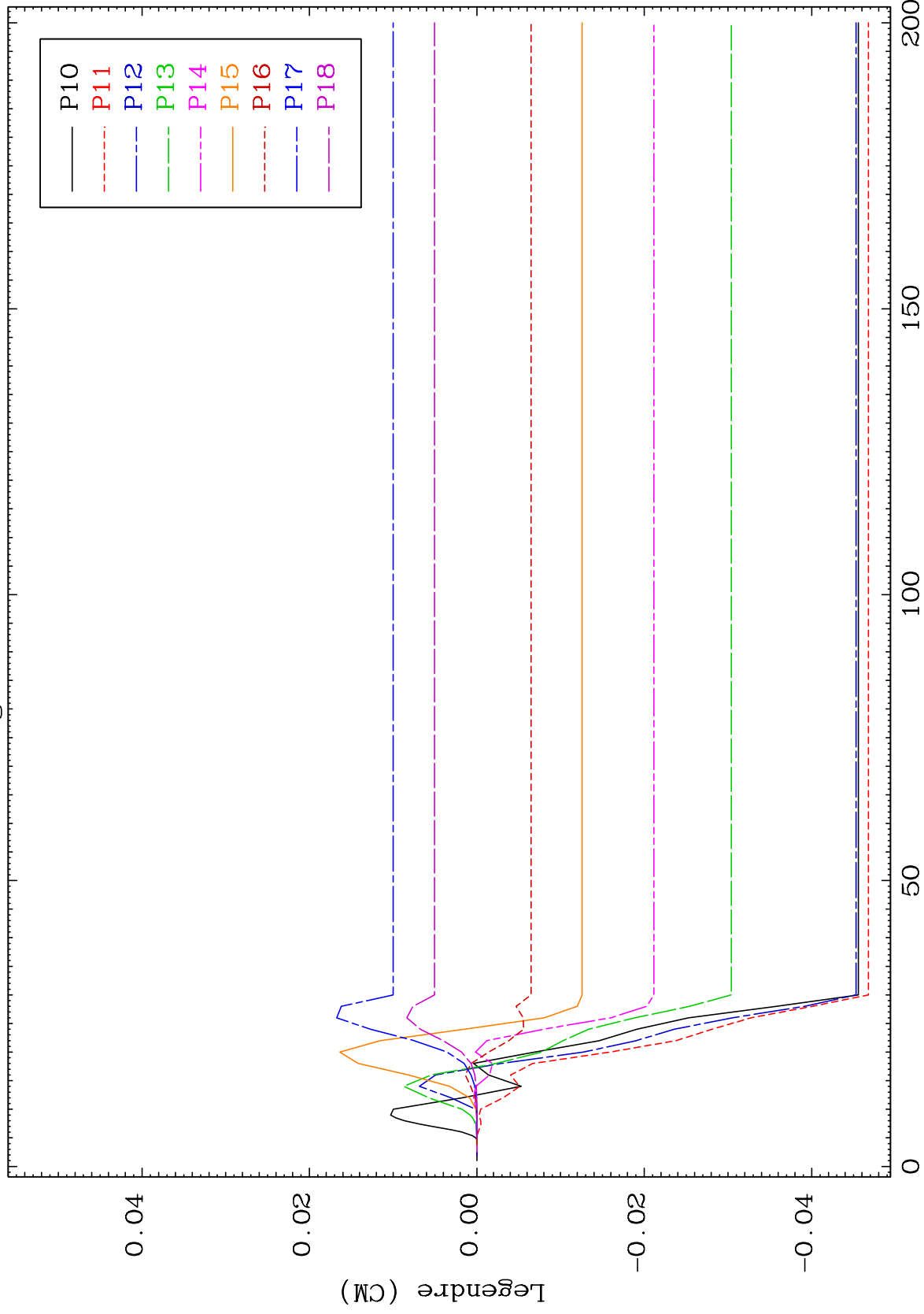
Incident Energy (MeV)

40

MAT 6143

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

61-Pm-145



41

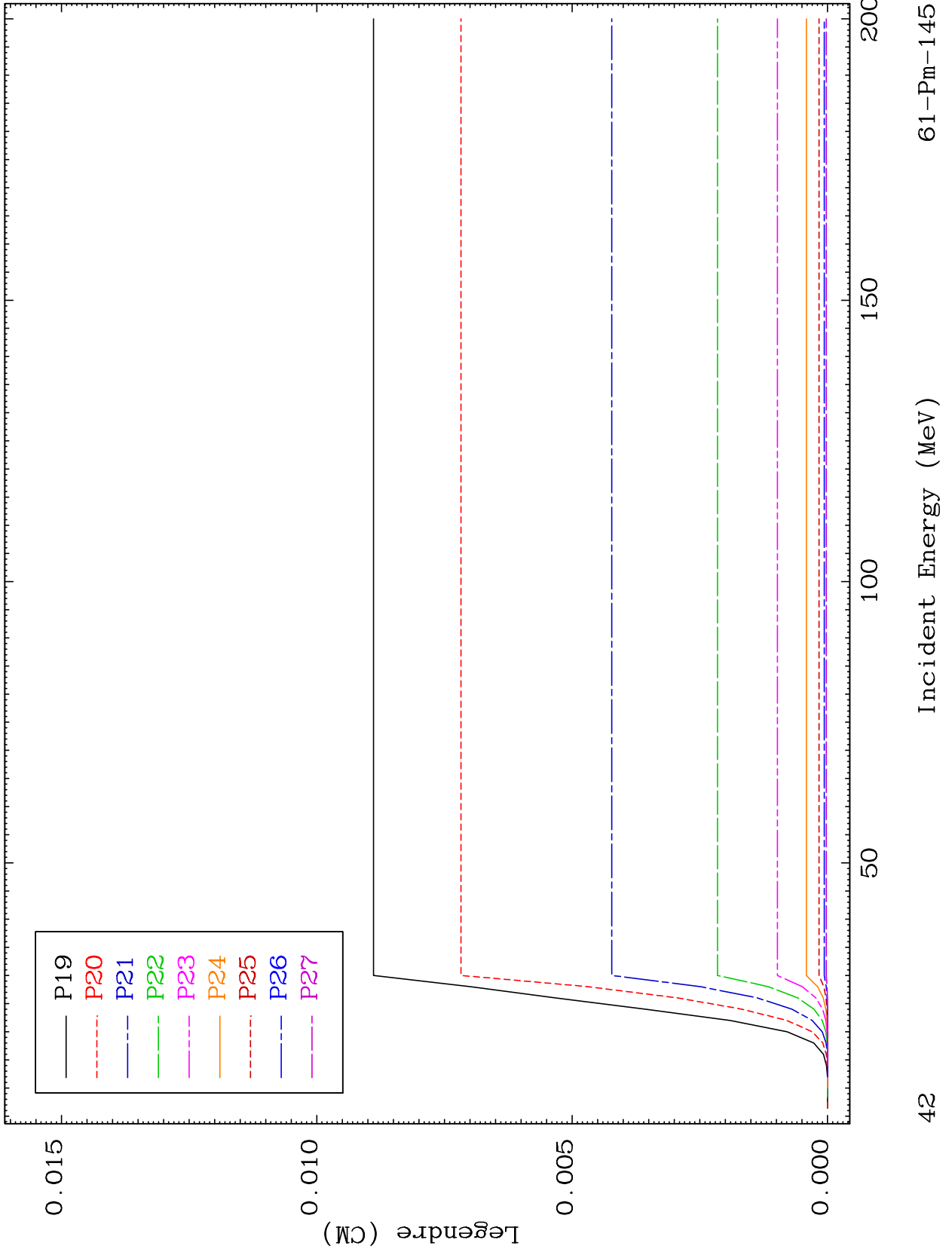
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



42

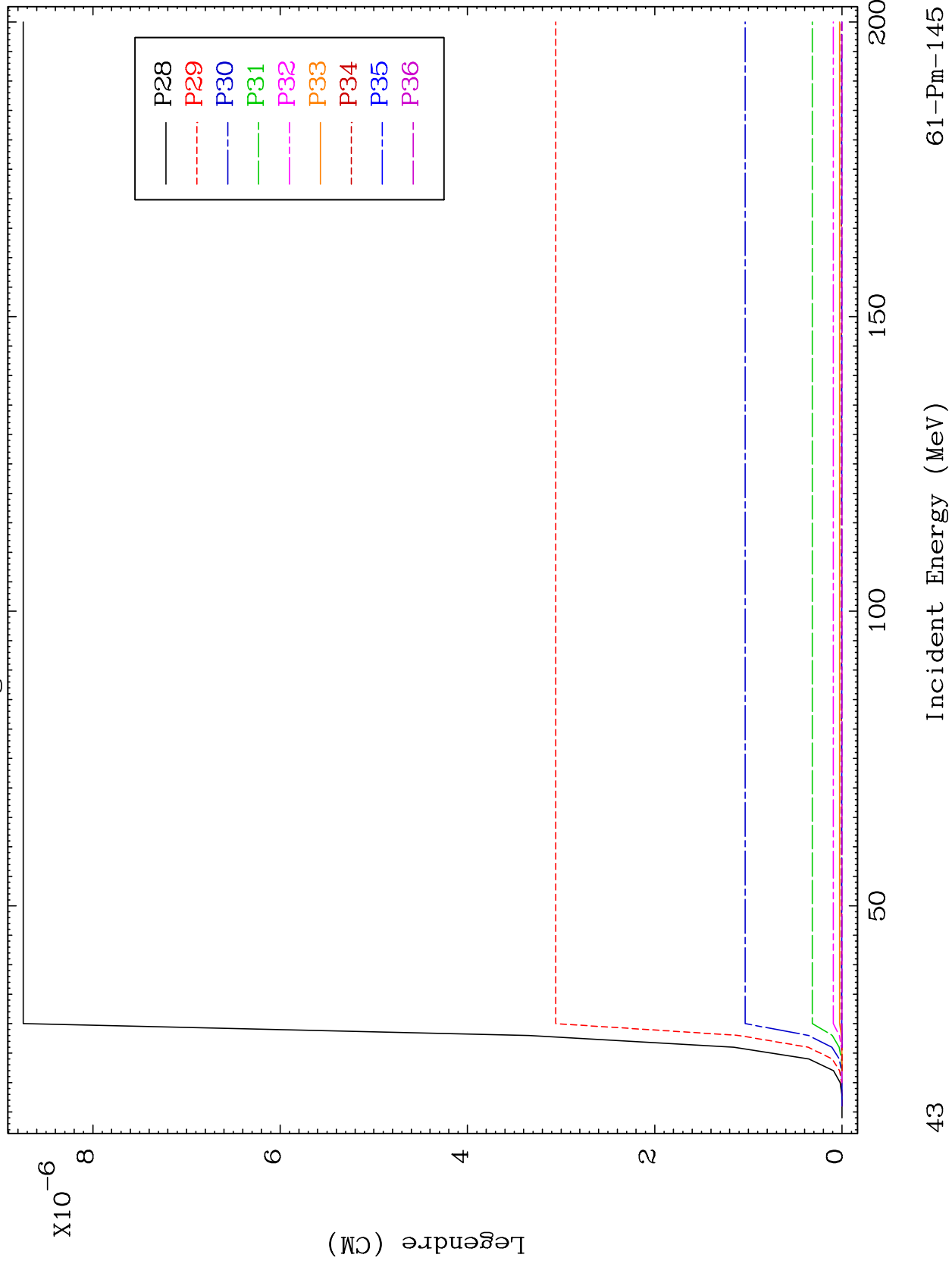
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



43

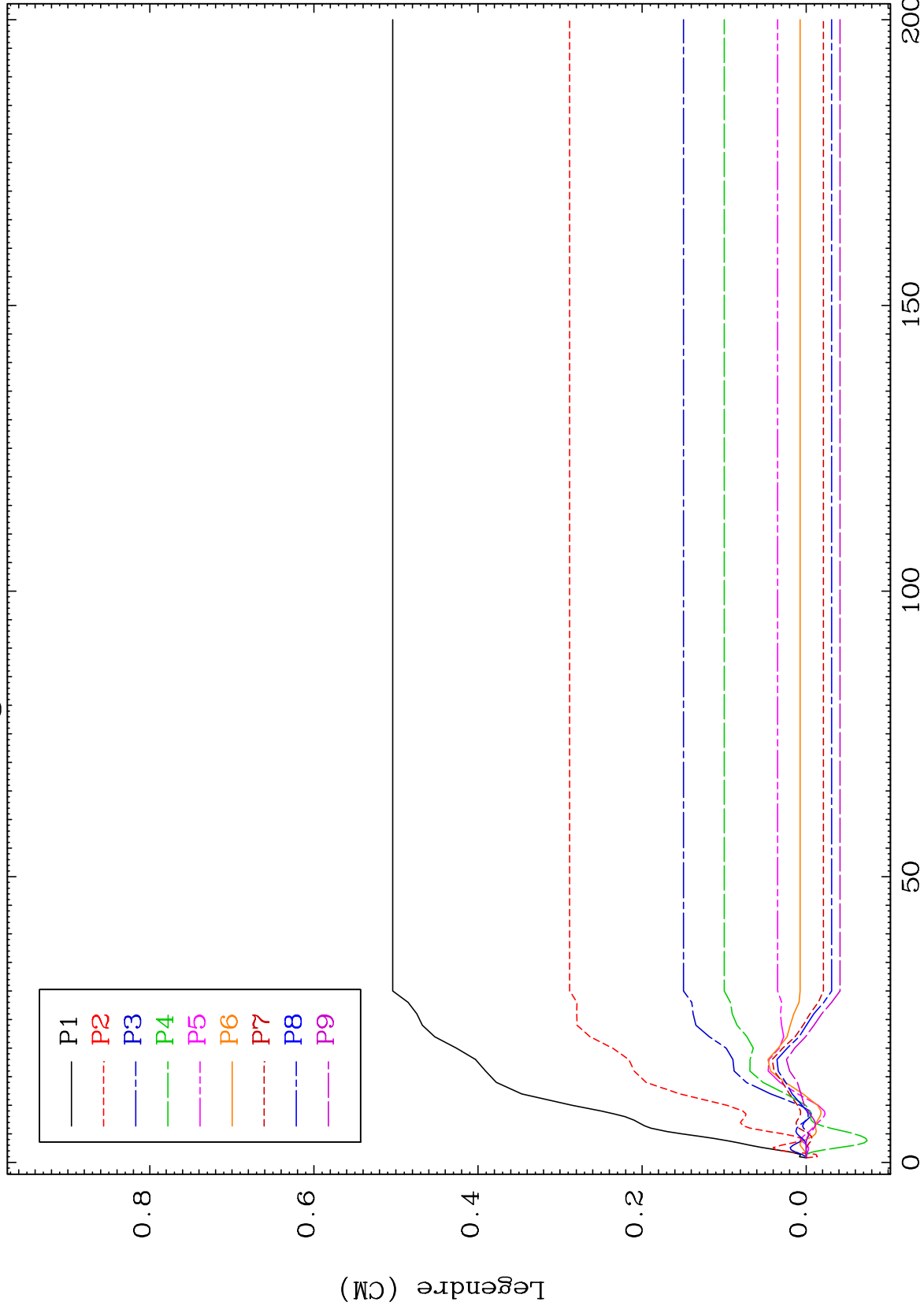
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

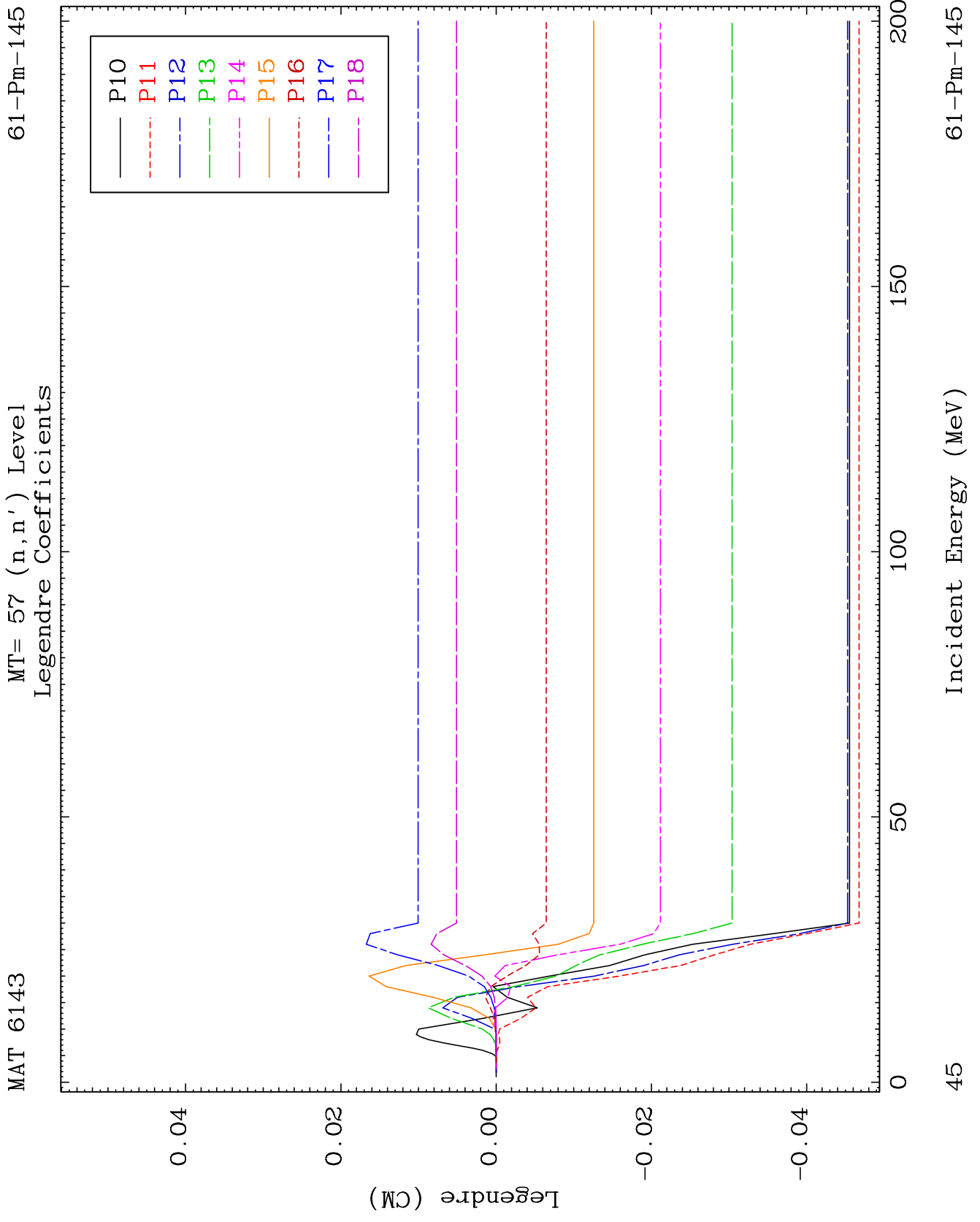
61-Pm-145



44

Incident Energy (MeV)

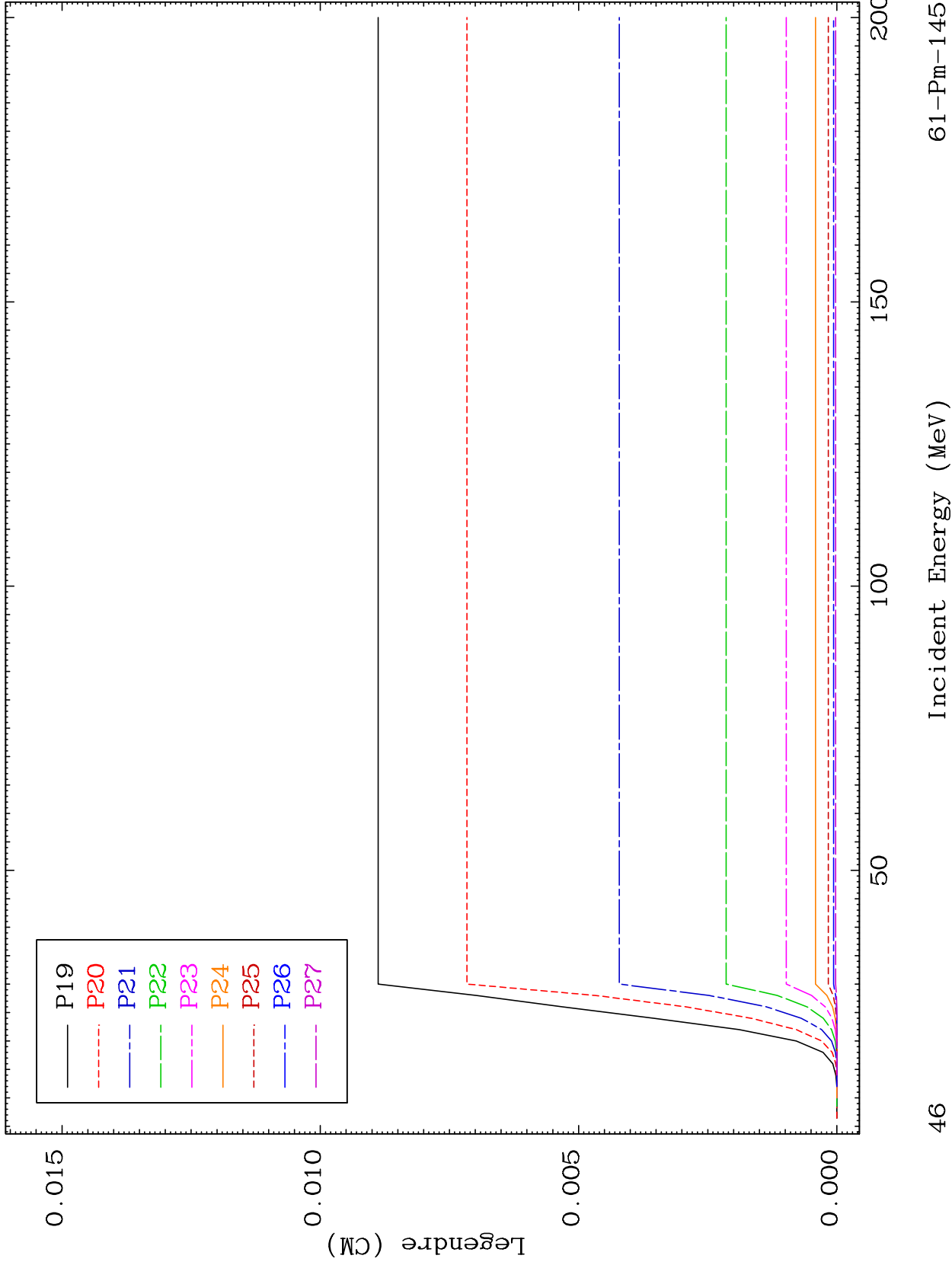
61-Pm-145



MAT 6143

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

61-Pm-145



46

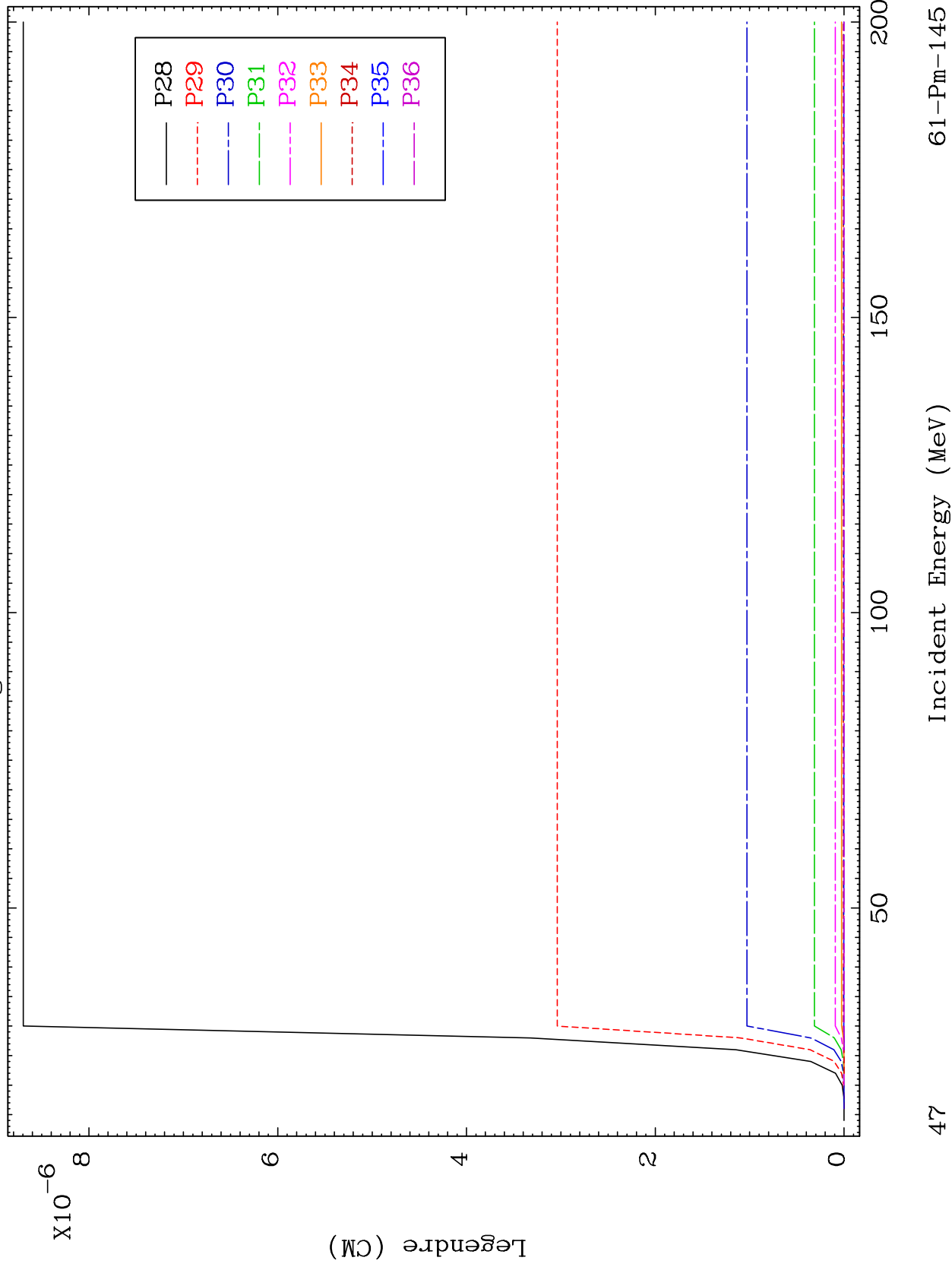
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



47

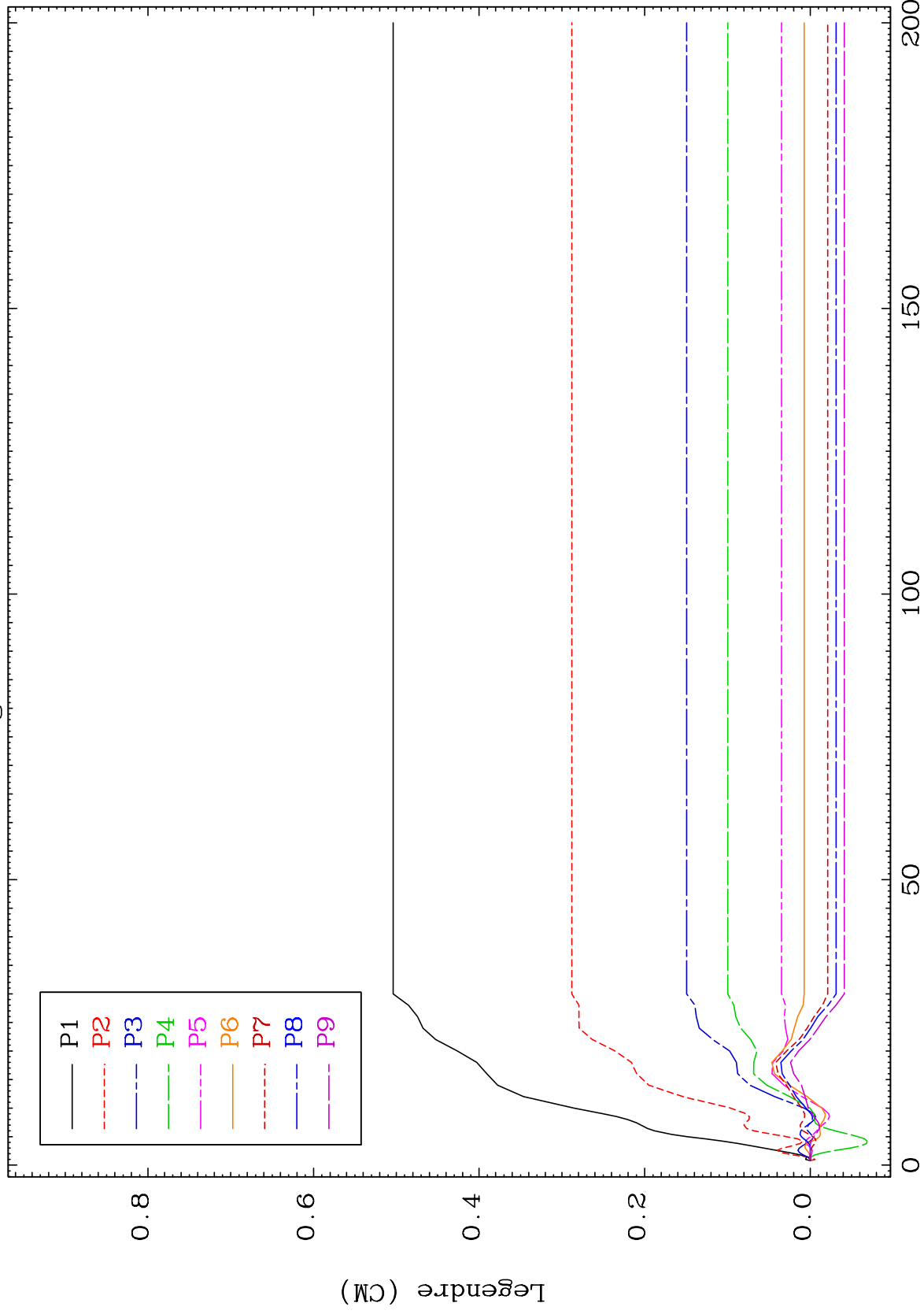
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



48

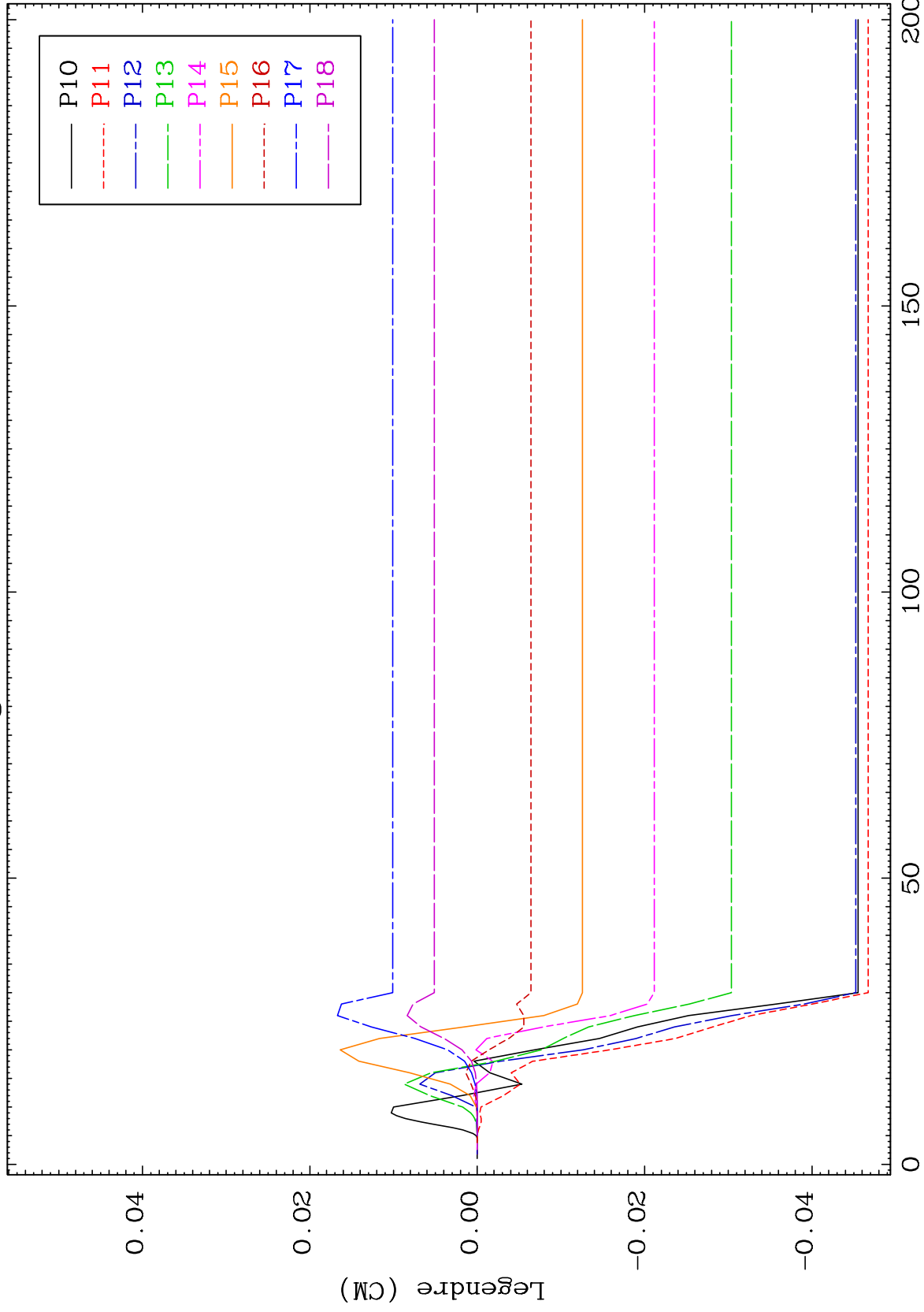
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



49

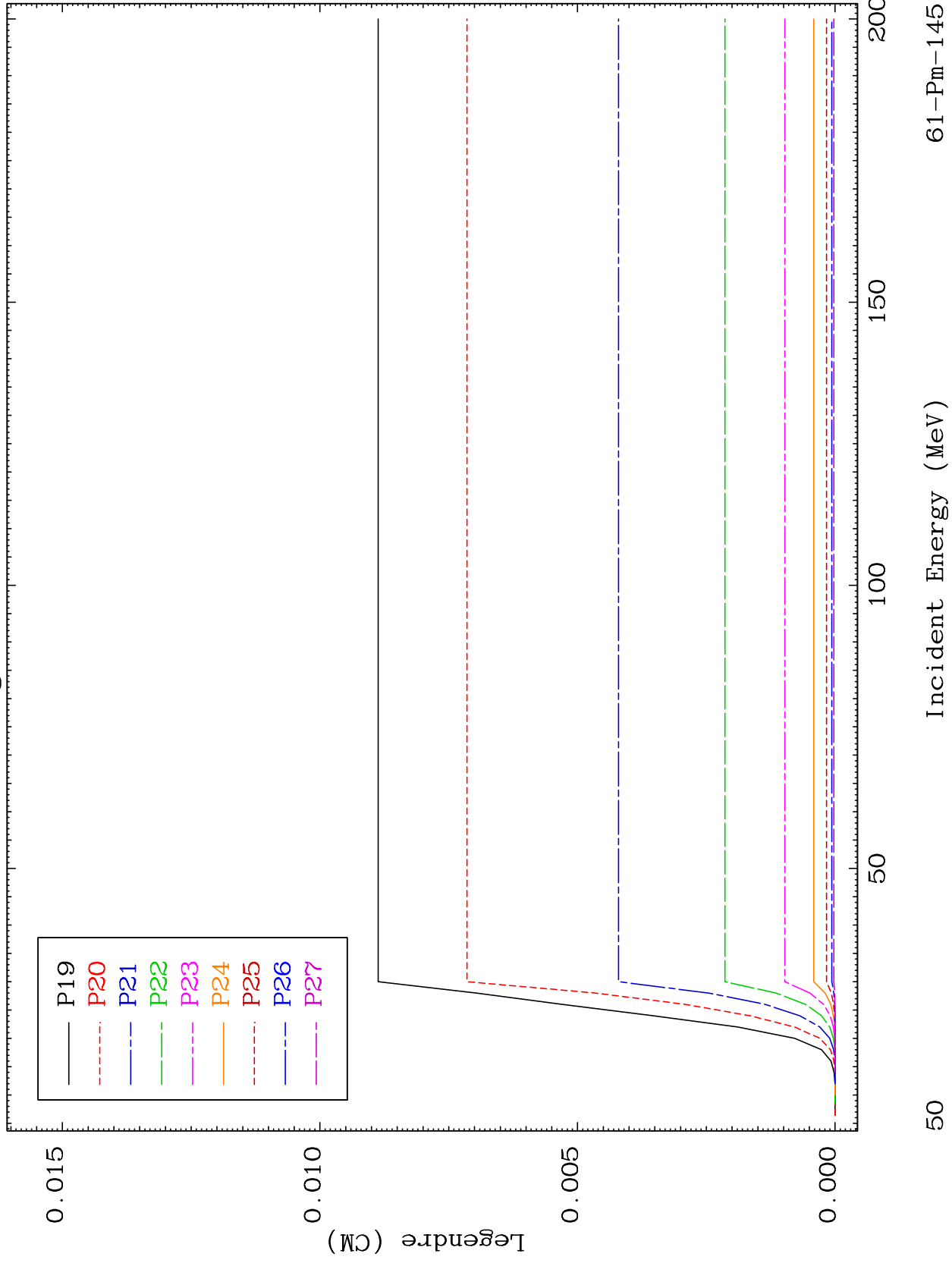
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

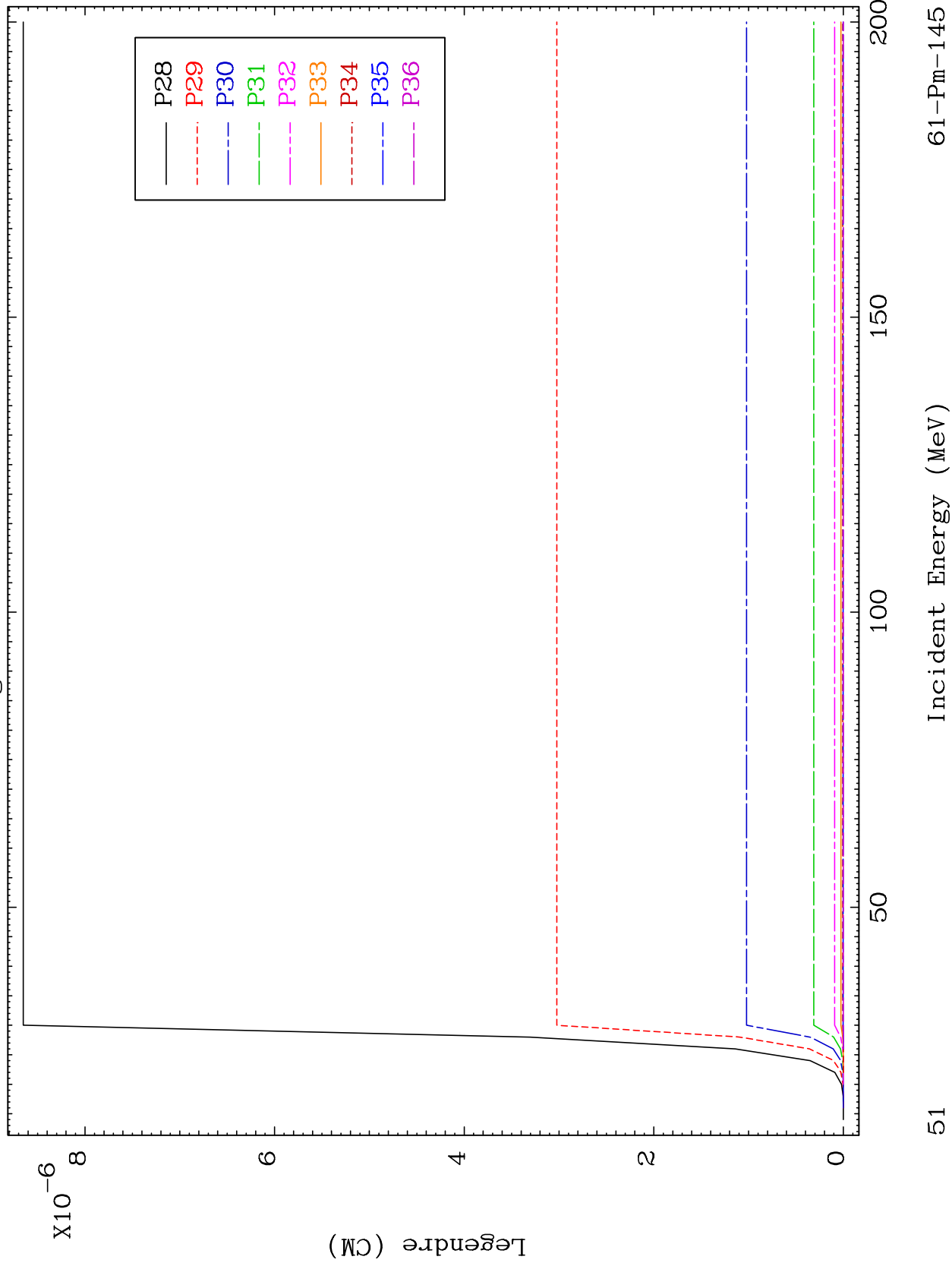
61-Pm-145



MAT 6143

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

61-Pm-145



51

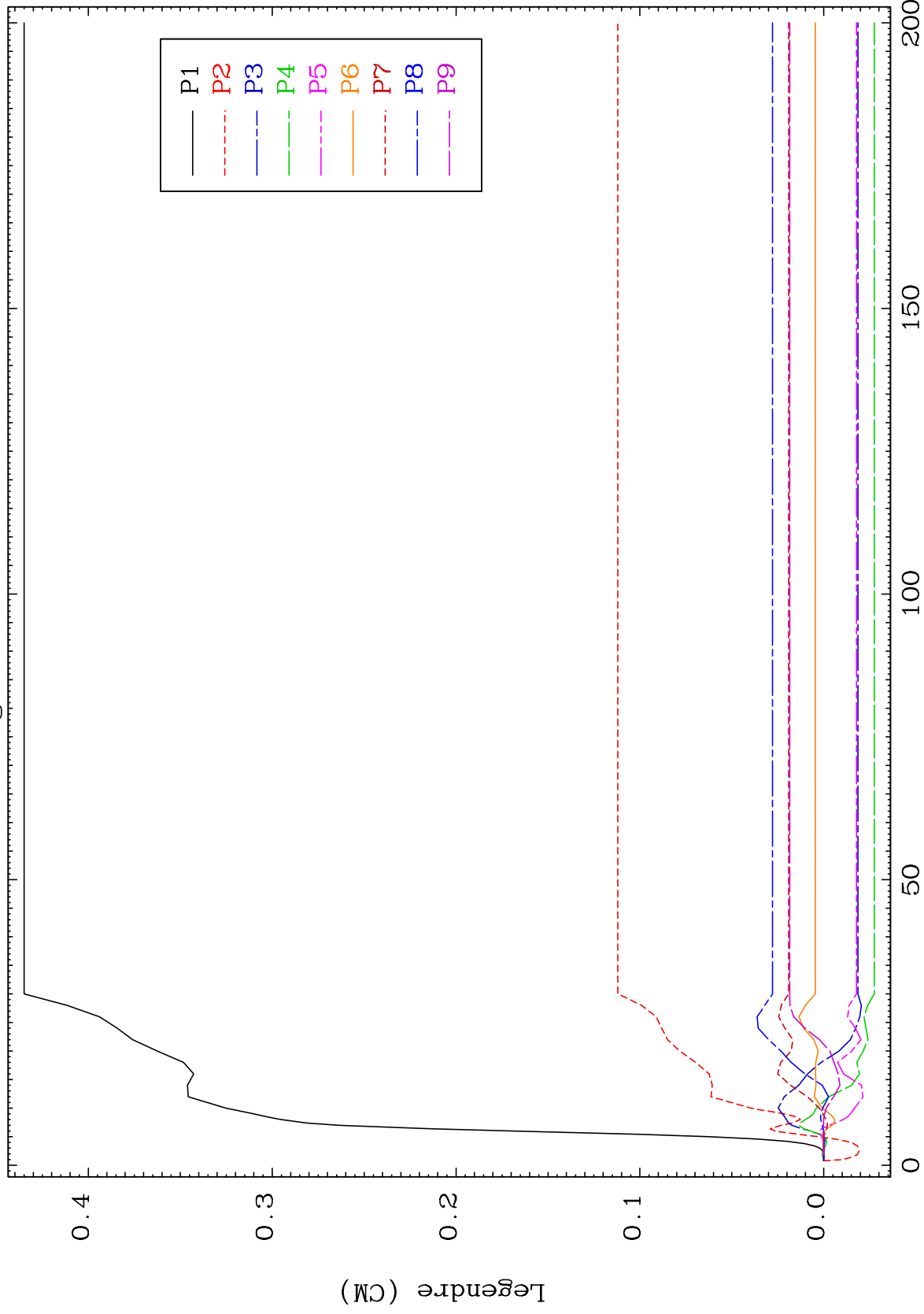
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



52

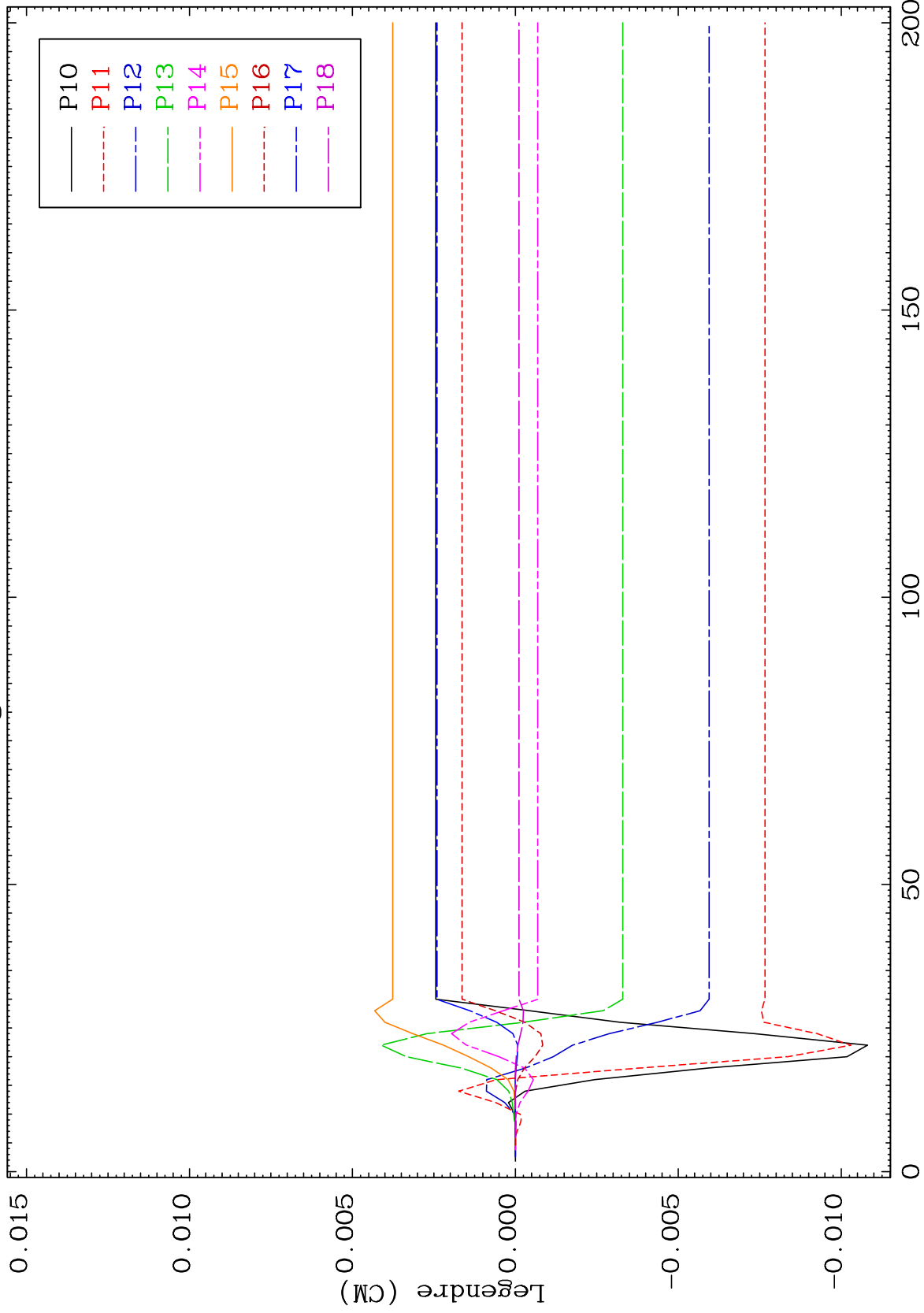
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



53

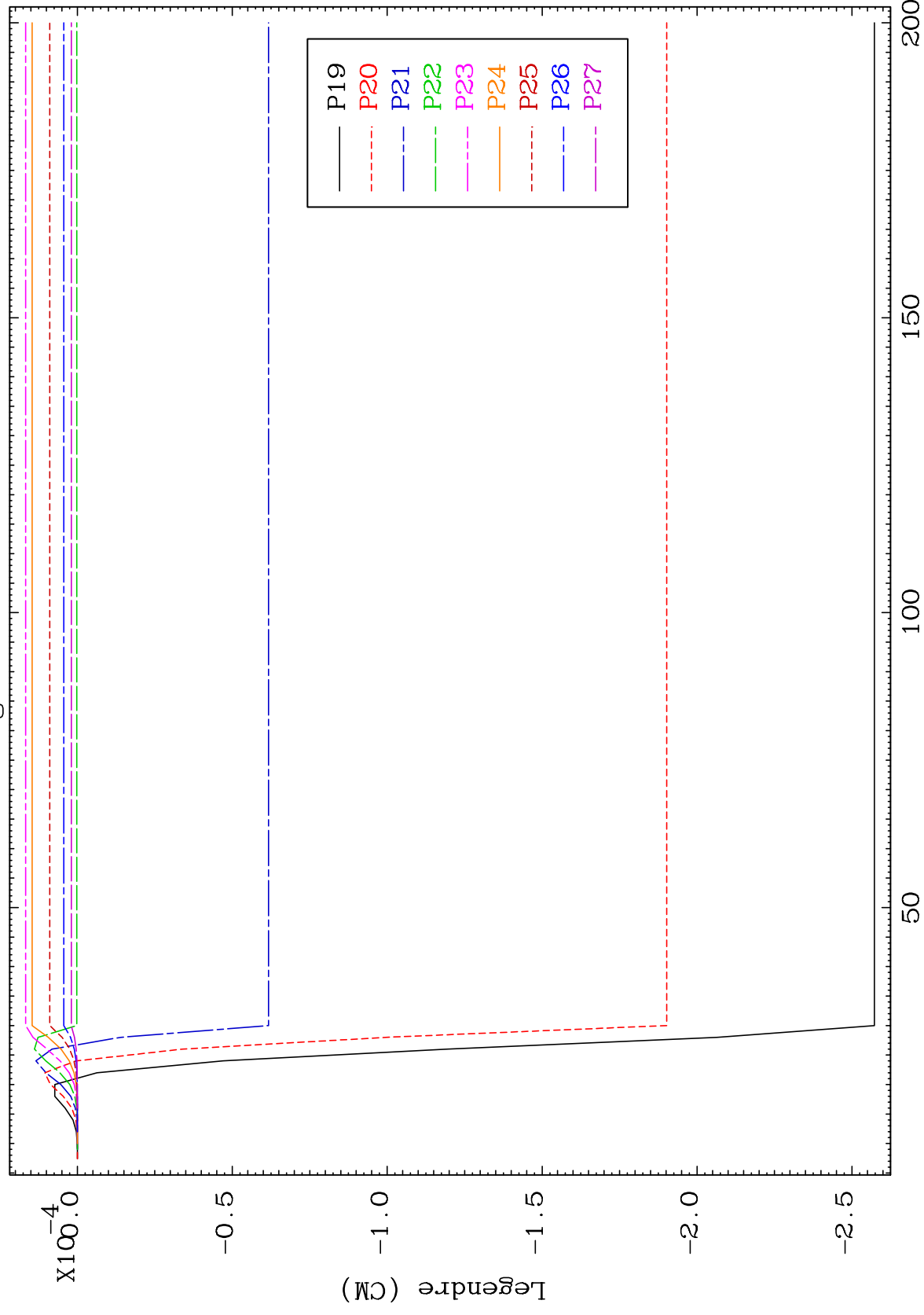
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



54

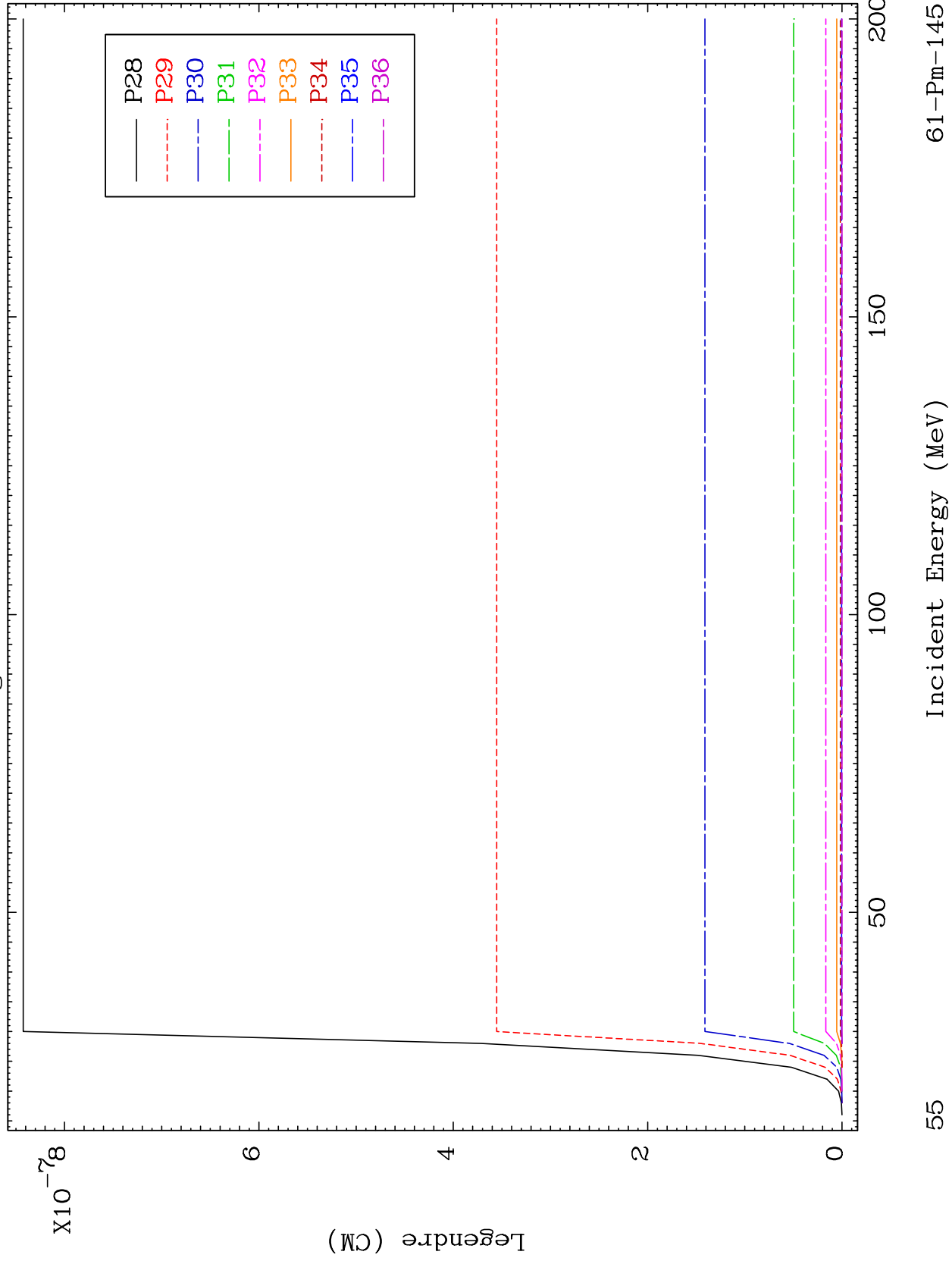
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



55

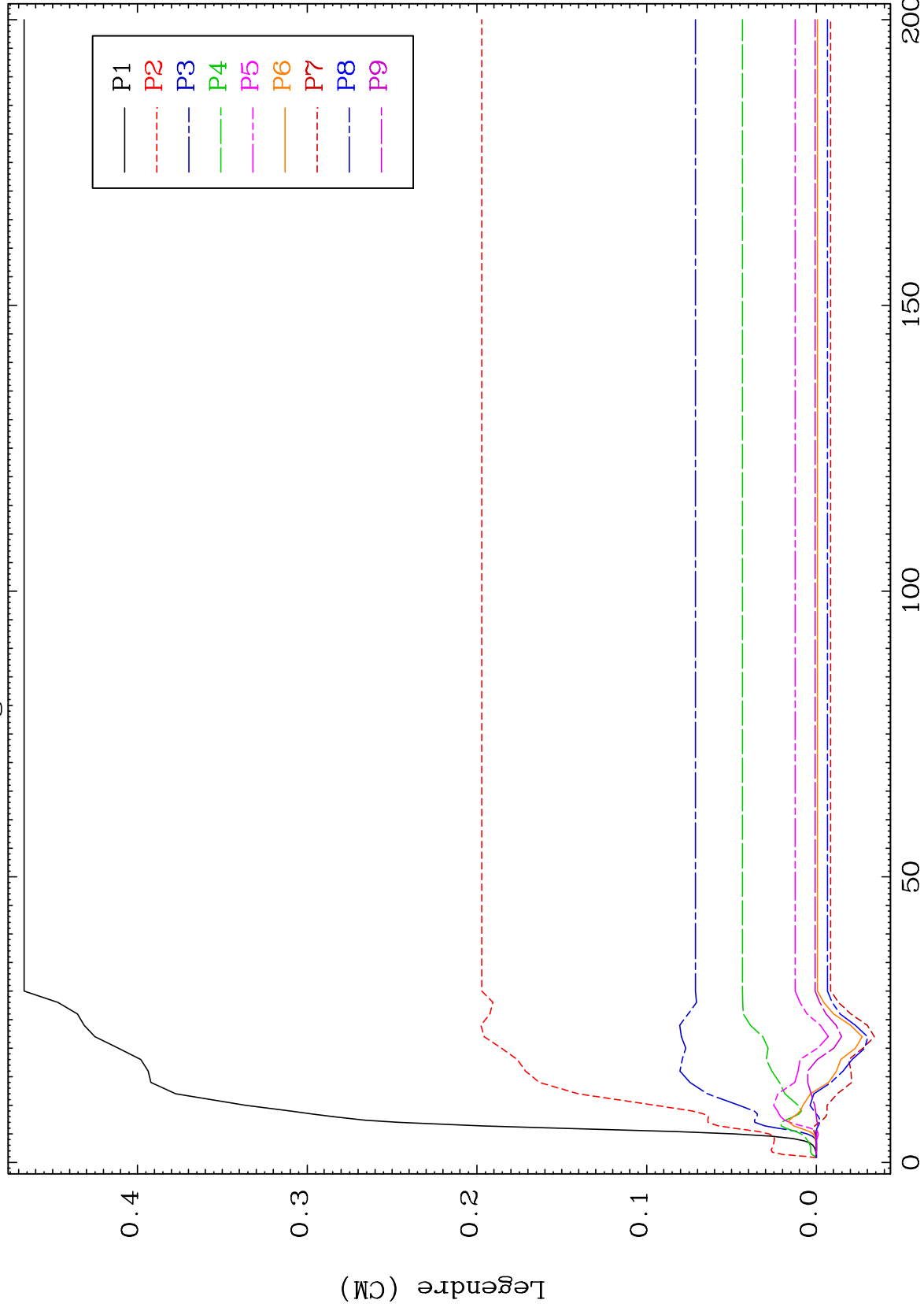
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



56

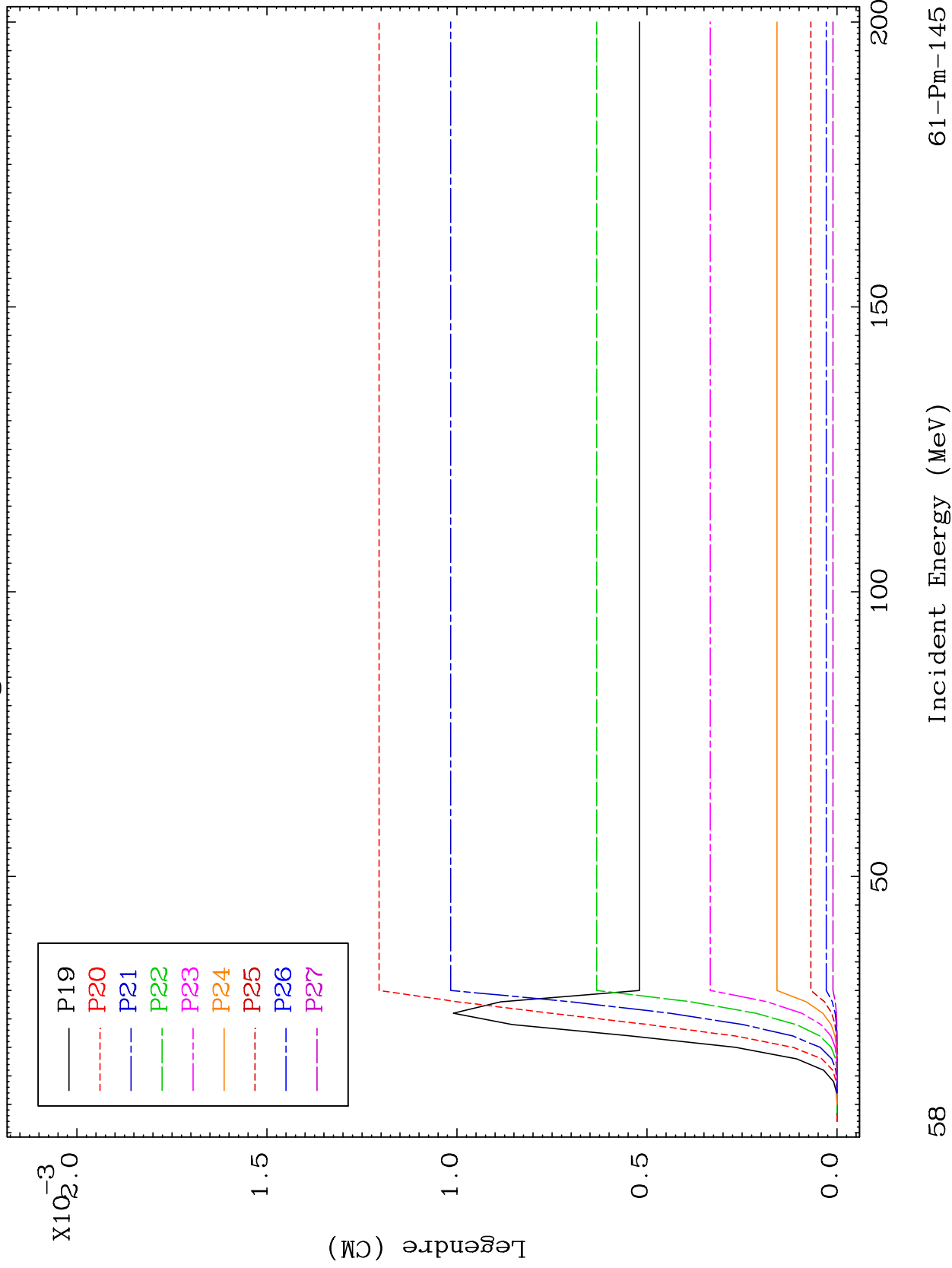
61-Pm-145

61-Pm-145

MAT 6143

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

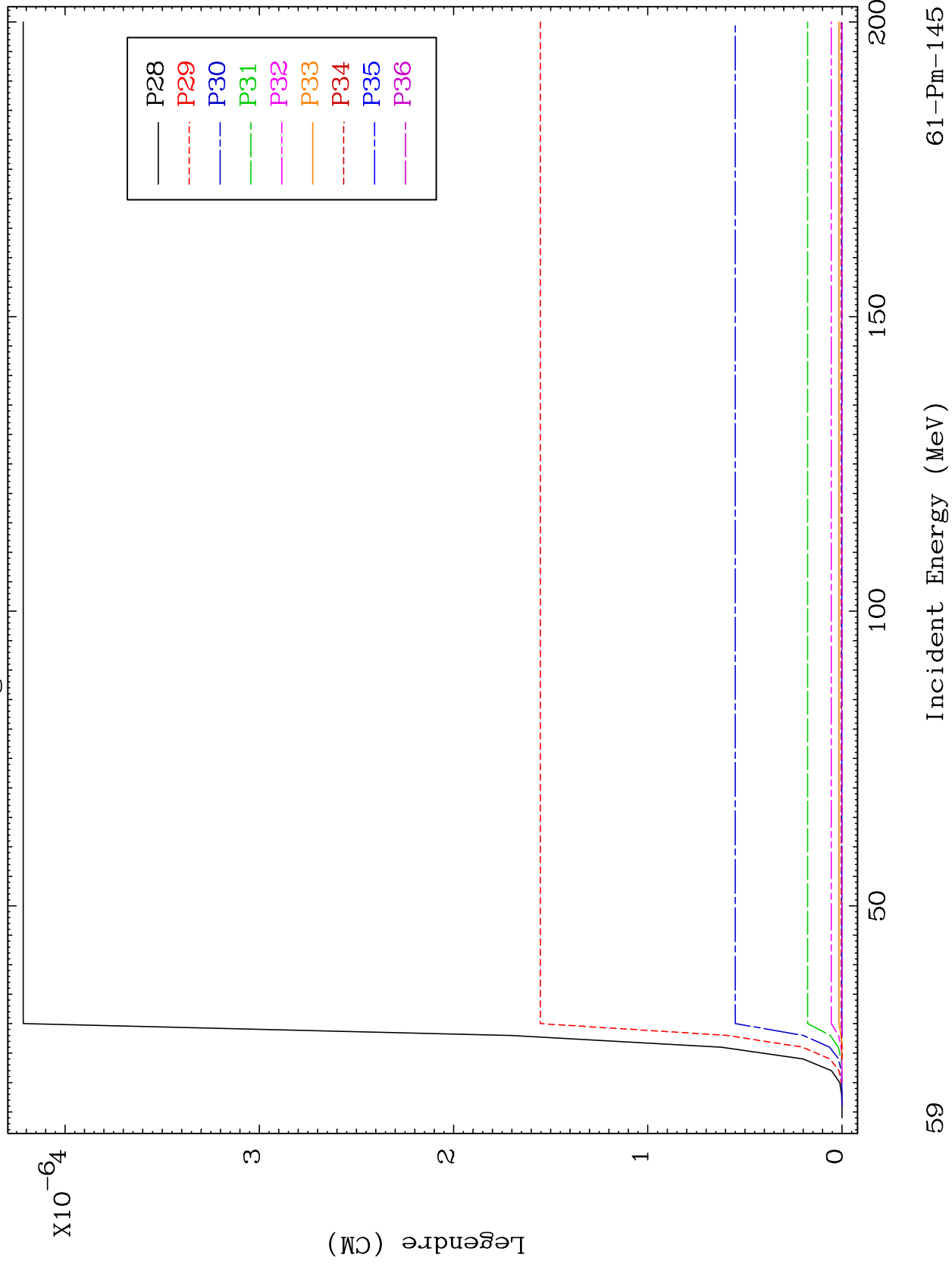
61-Pm-145



MAT 6143

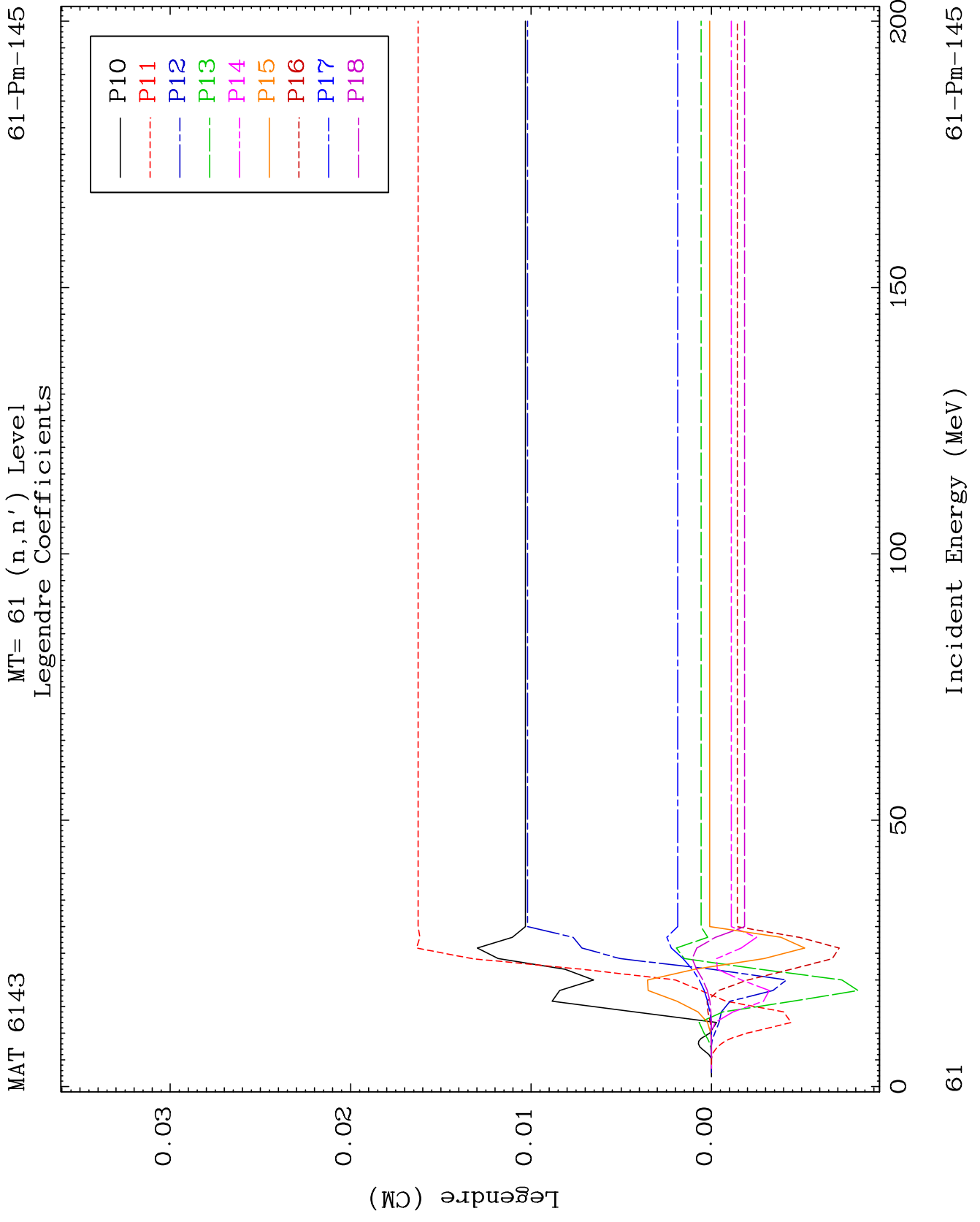
MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-145



59

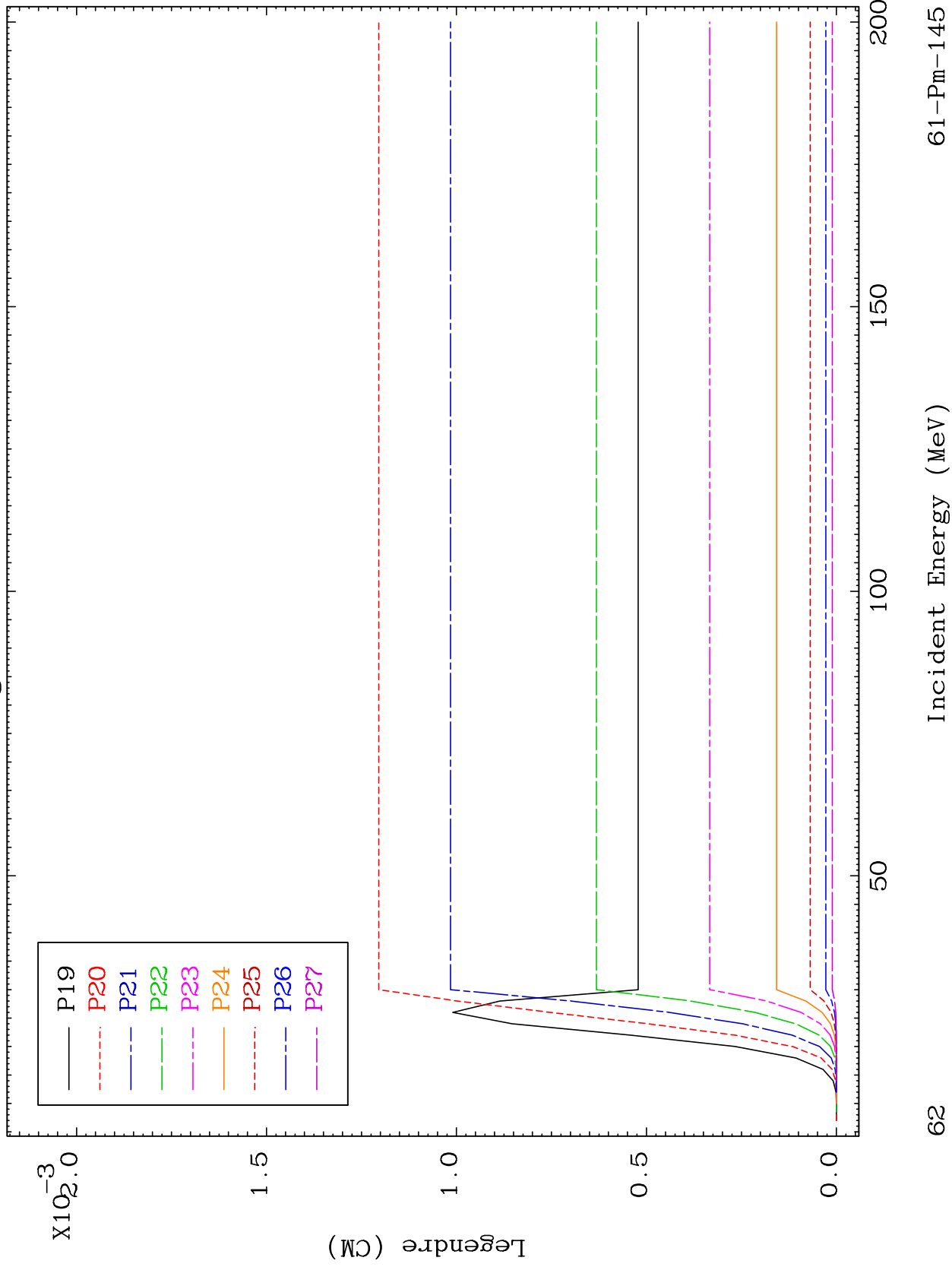
61-Pm-145



MAT 6143

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

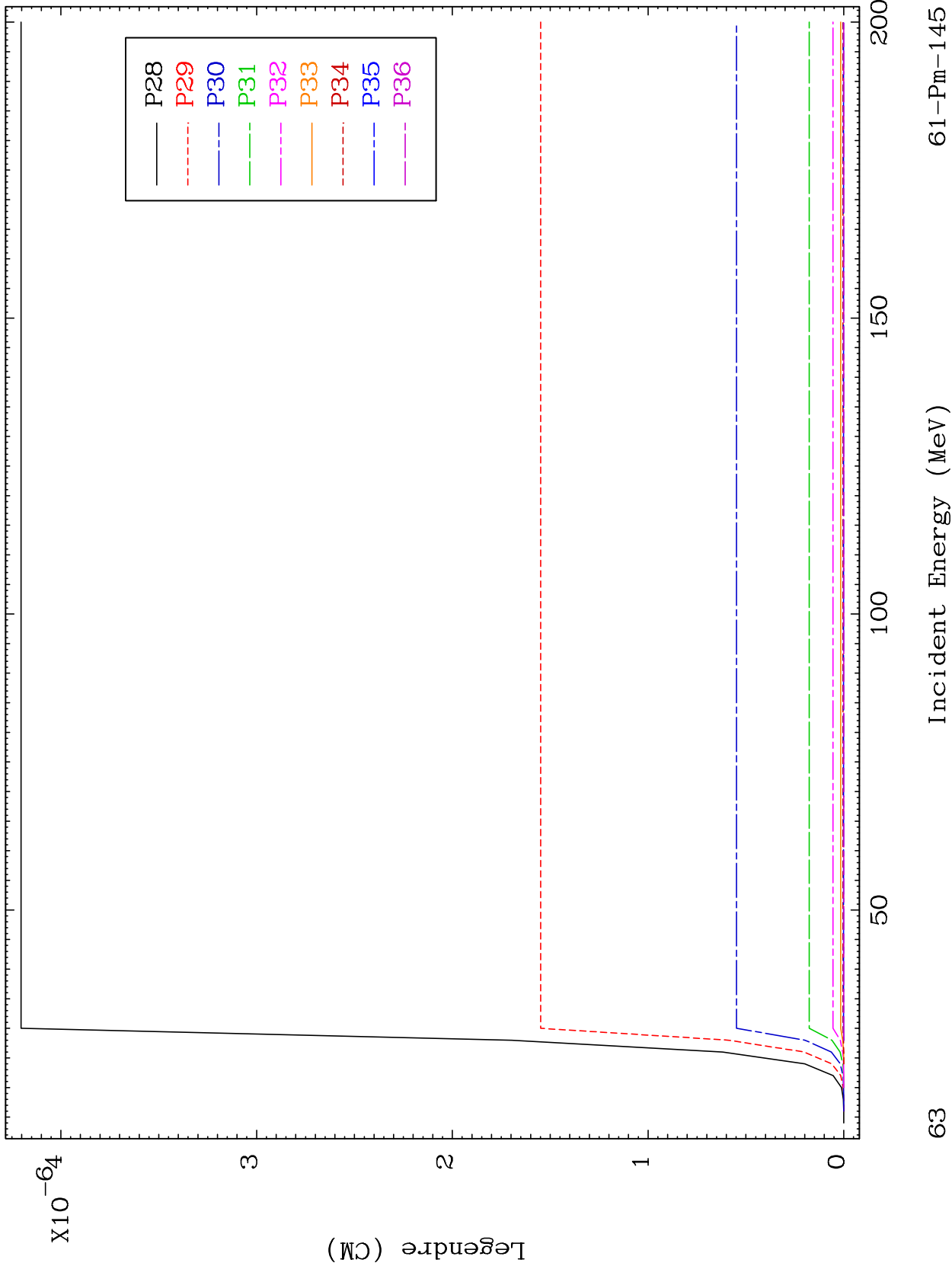
61-Pm-145



MAT 6143

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

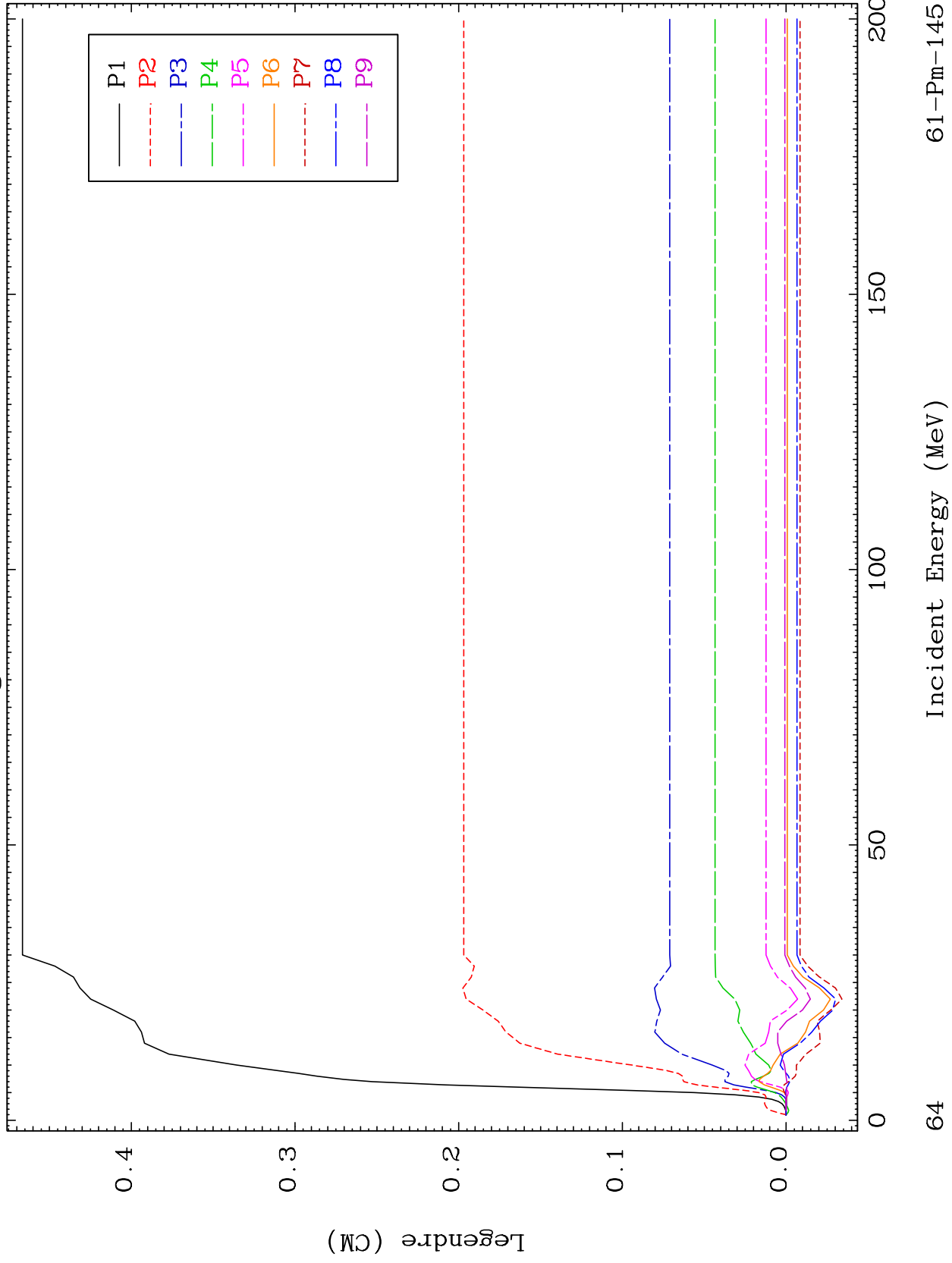
61-Pm-145

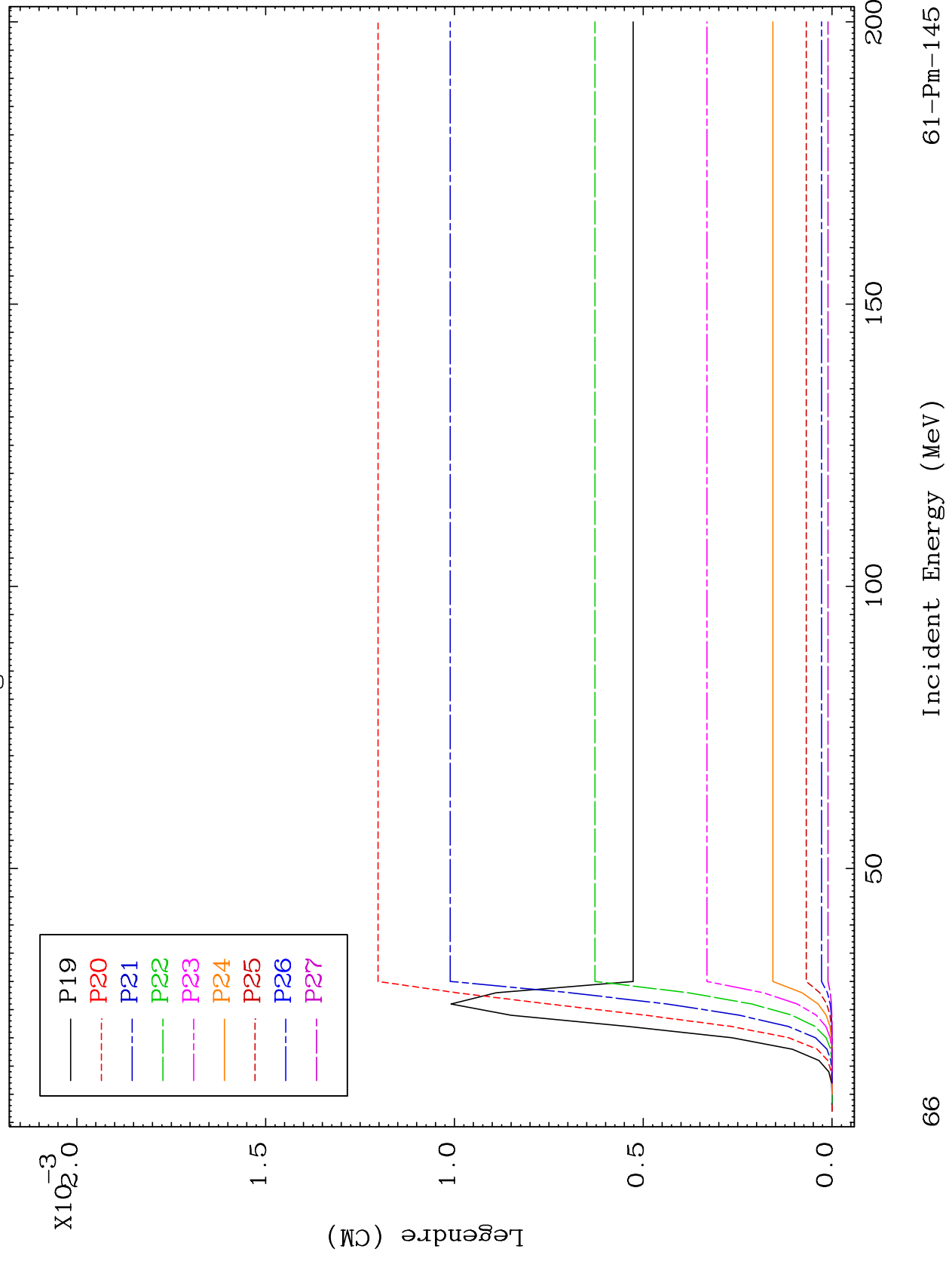


MAT 6143

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

61-Pm-145

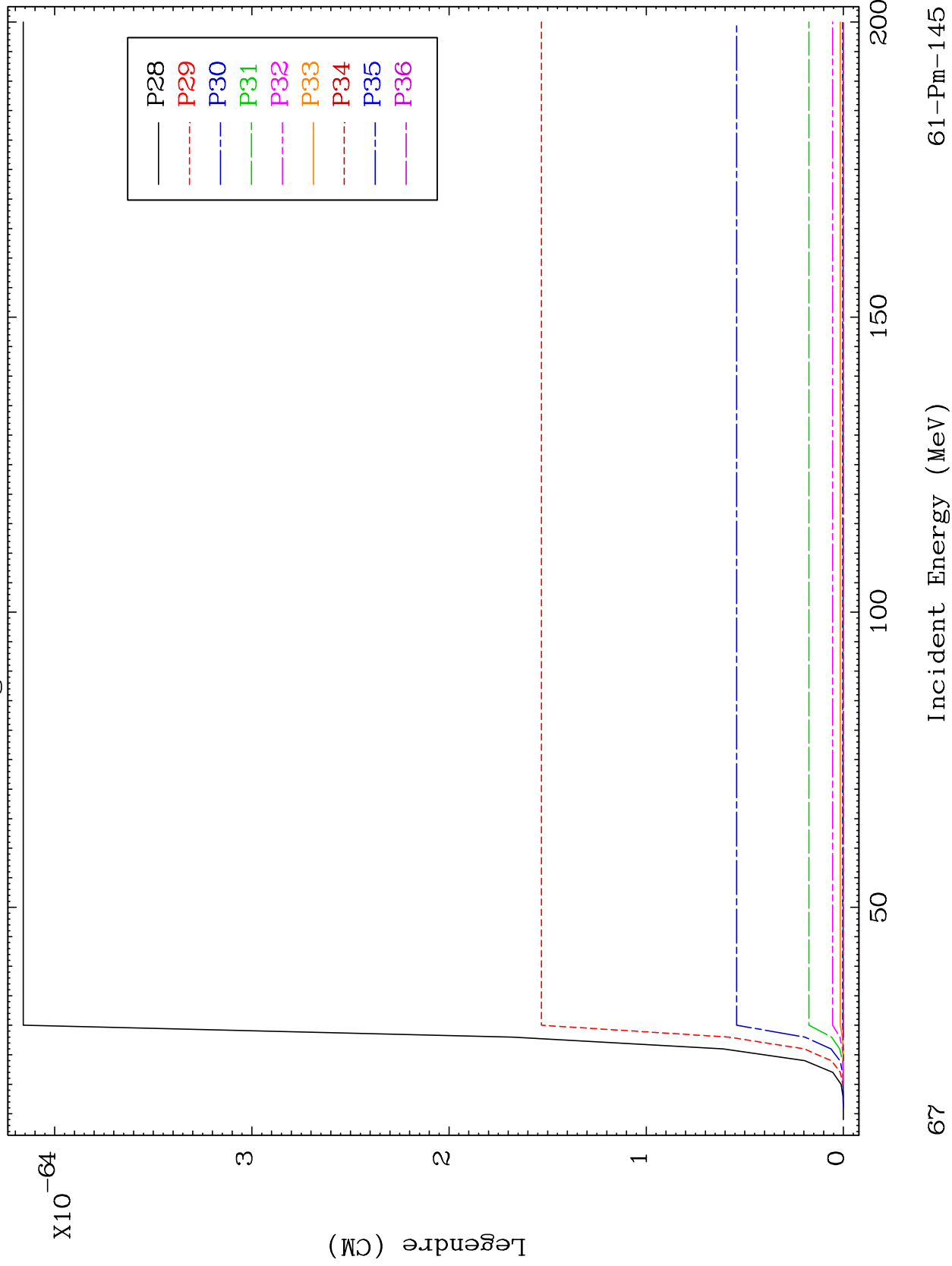




MAT 6143

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

61-Pm-145

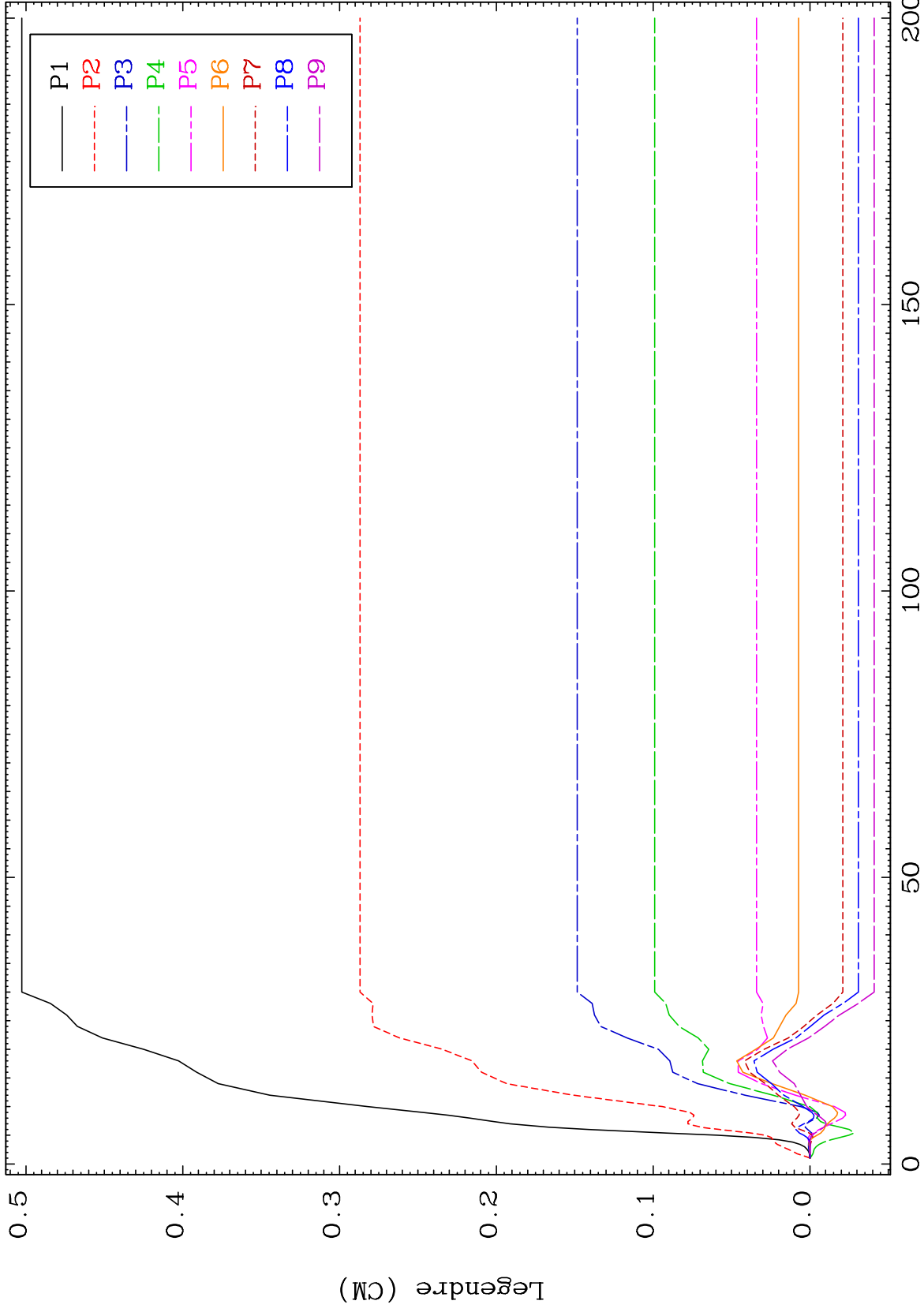


MAT 6143

MT= 63 (n,n') Level

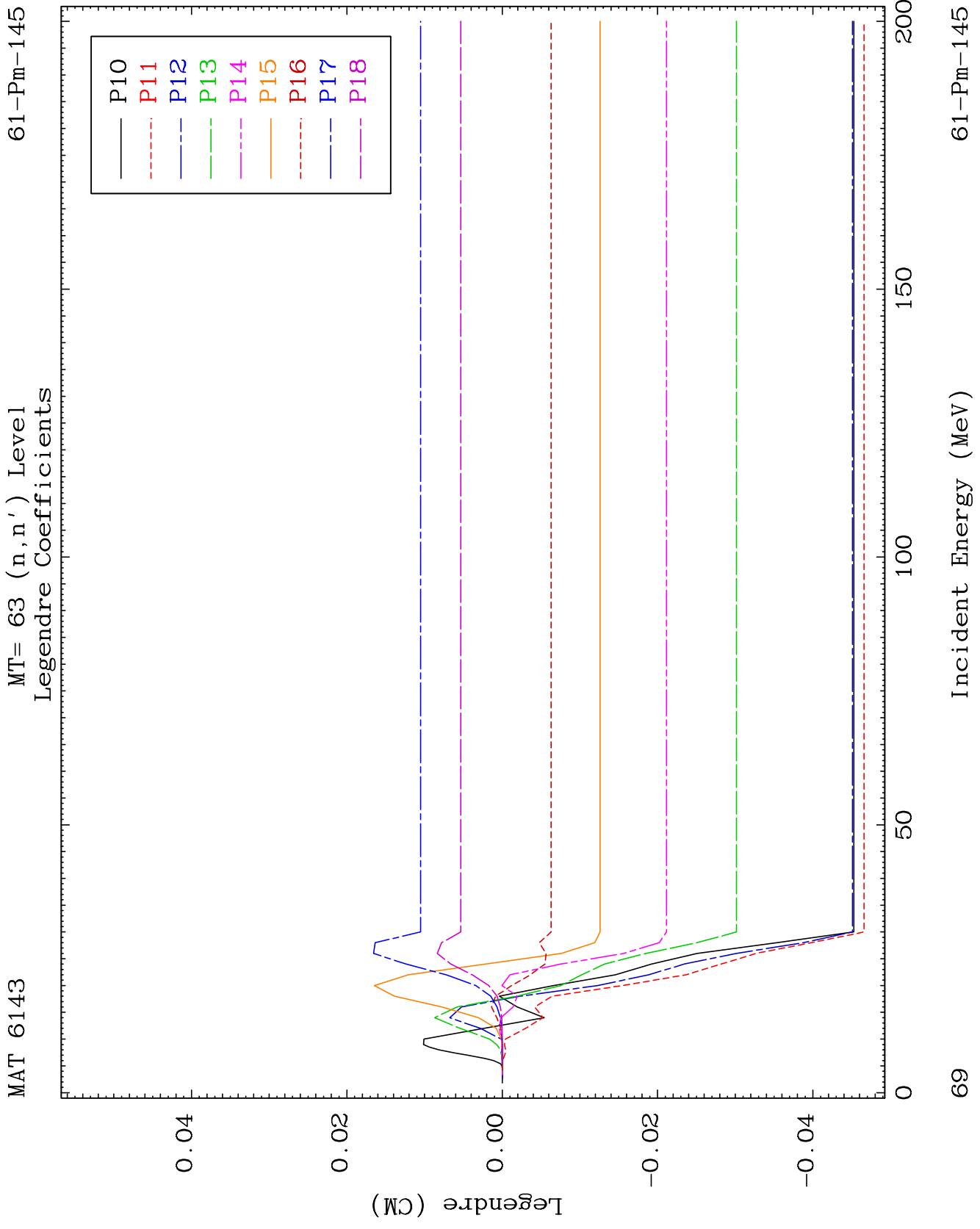
61-Pm-145

Legendre Coefficients



68

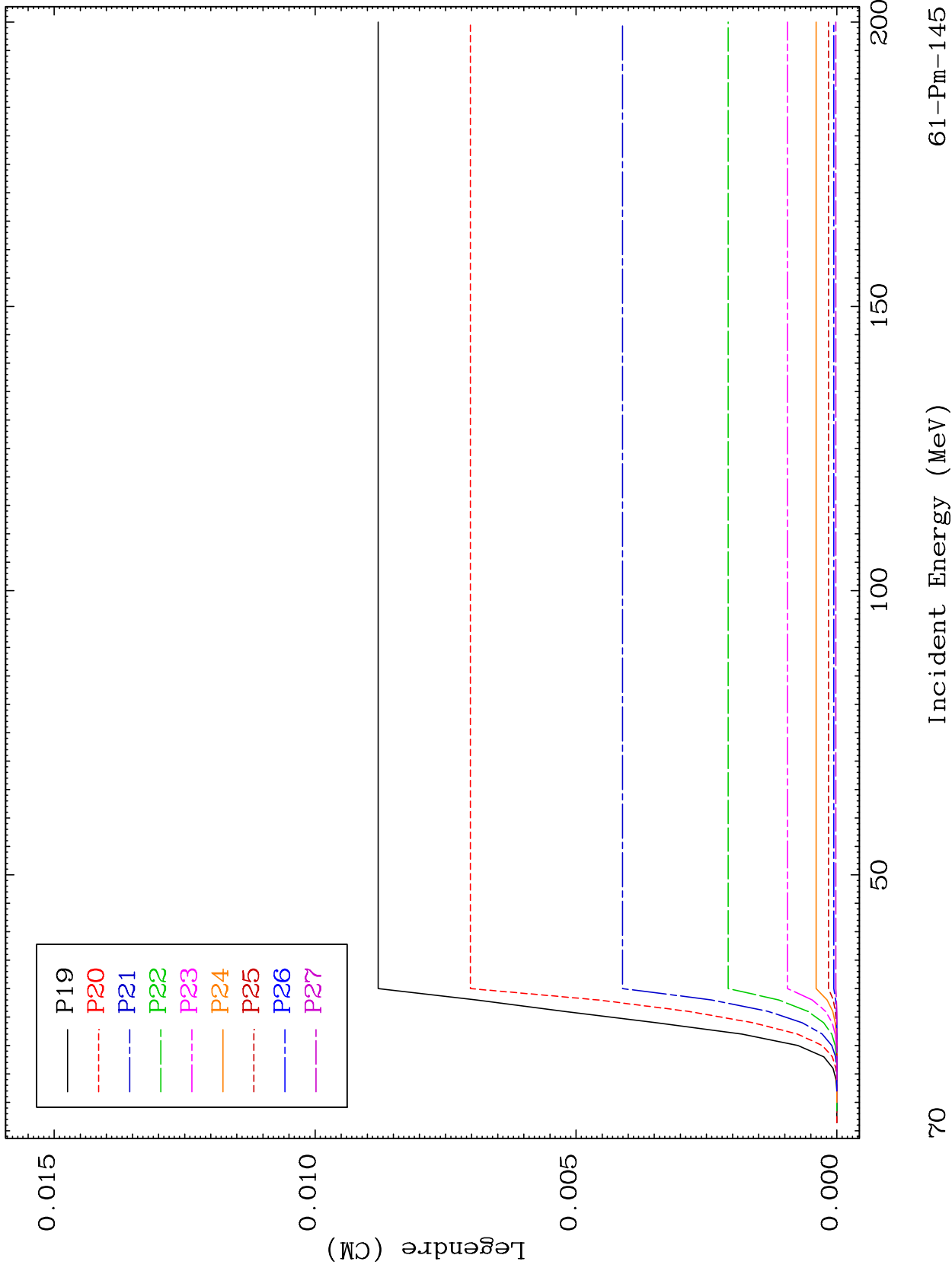
61-Pm-145



MAT 6143

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

61-Pm-145



70

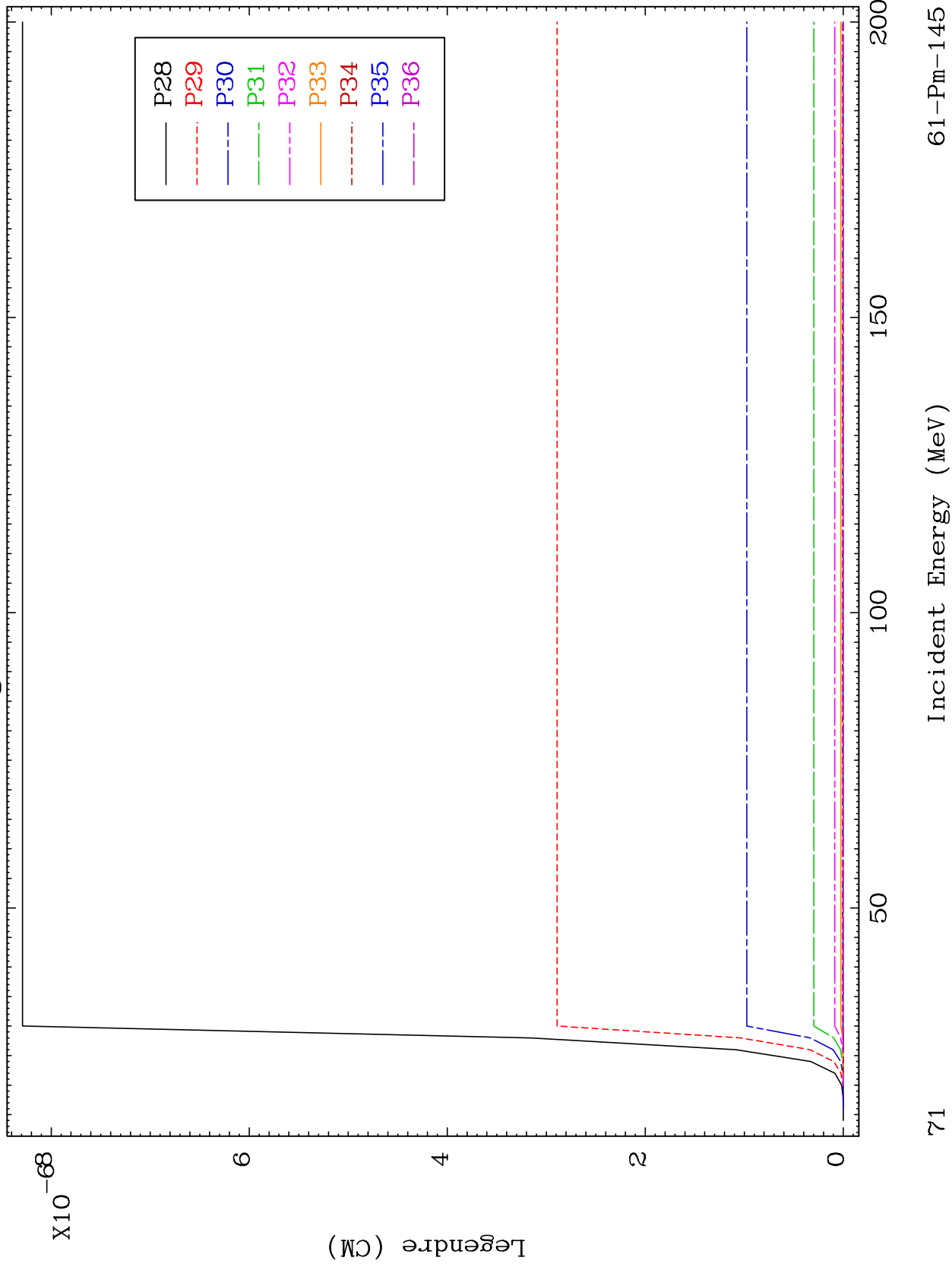
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

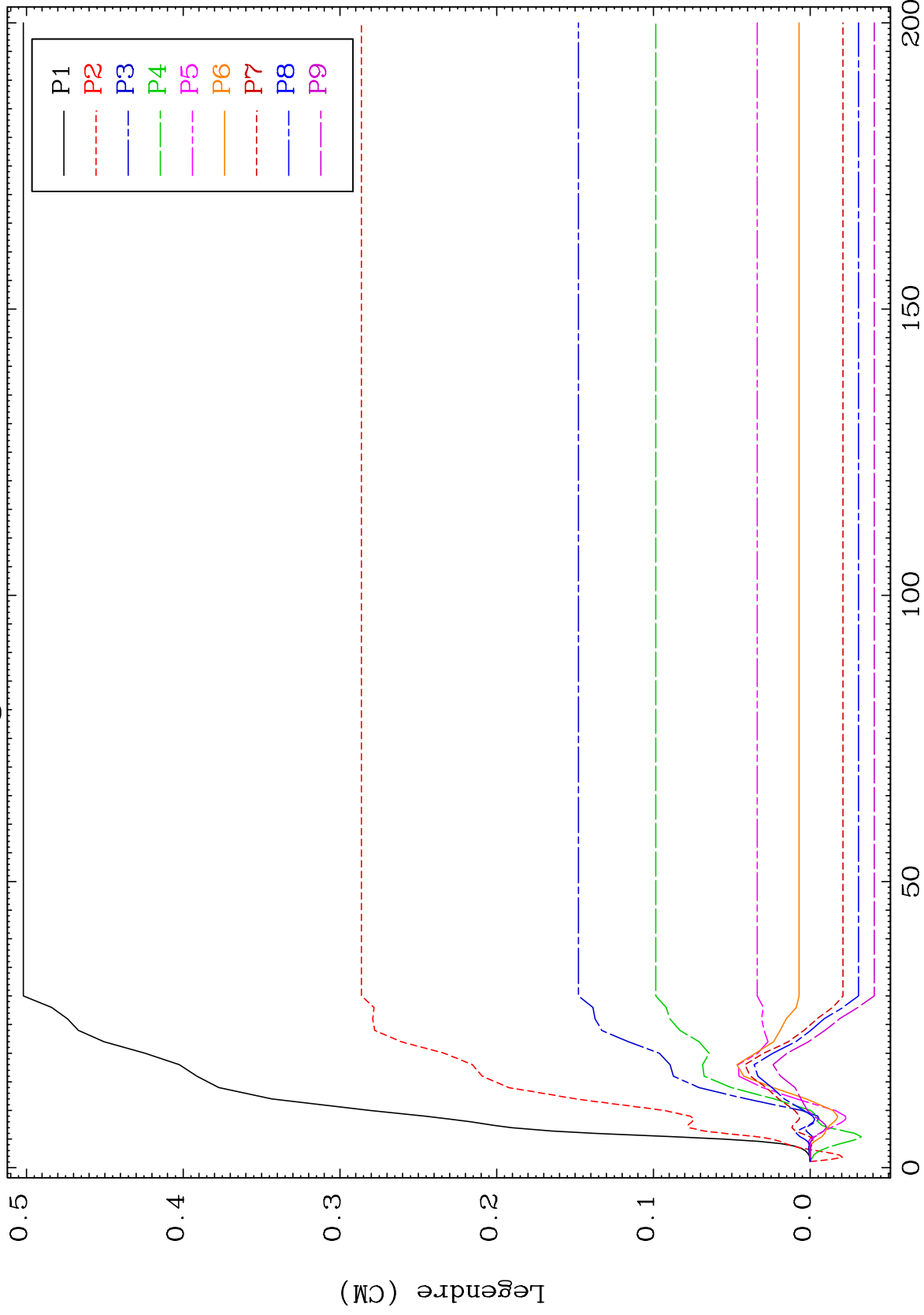
61-Pm-145



MAT 6143

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

61-Pm-145



72

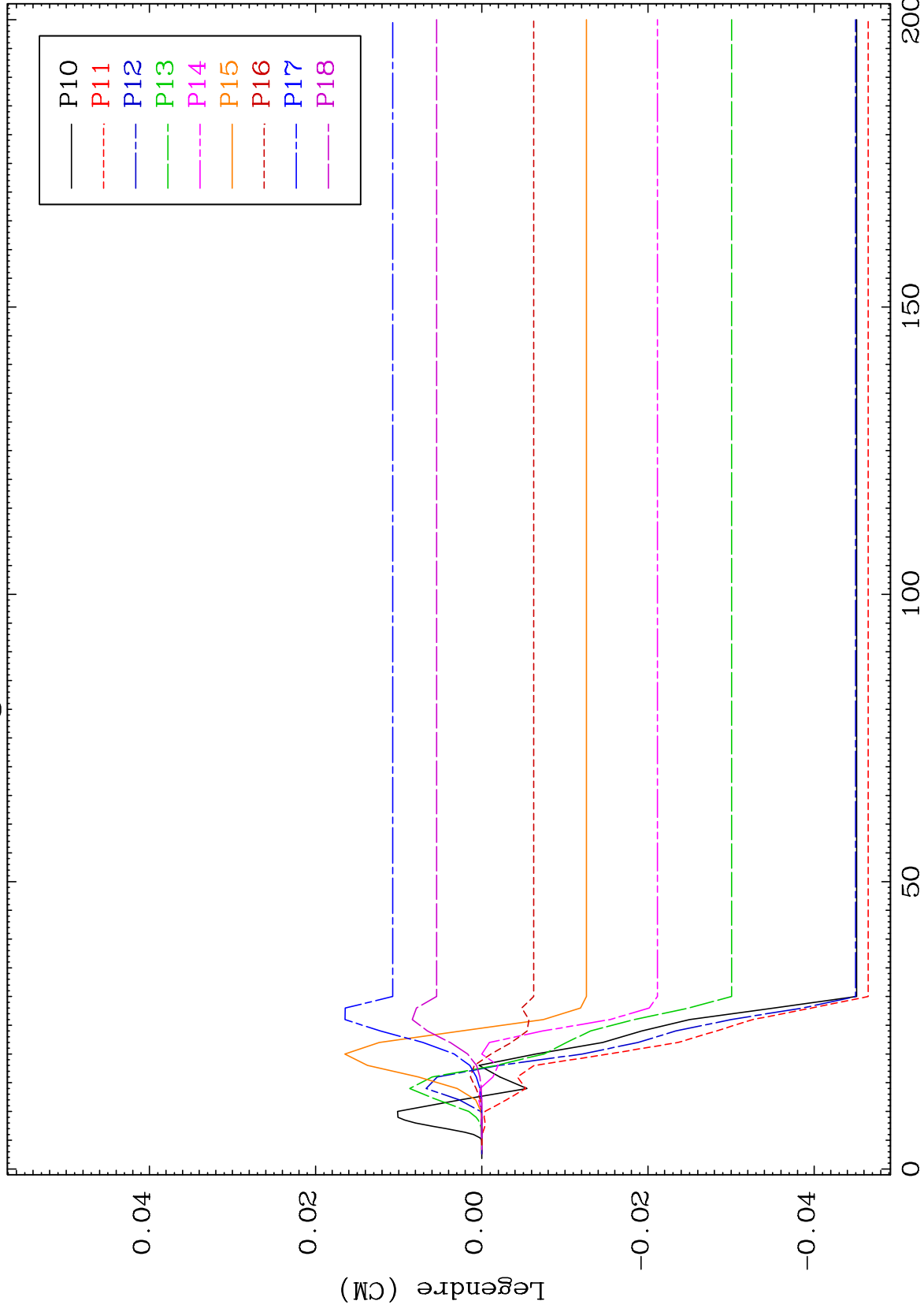
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



73

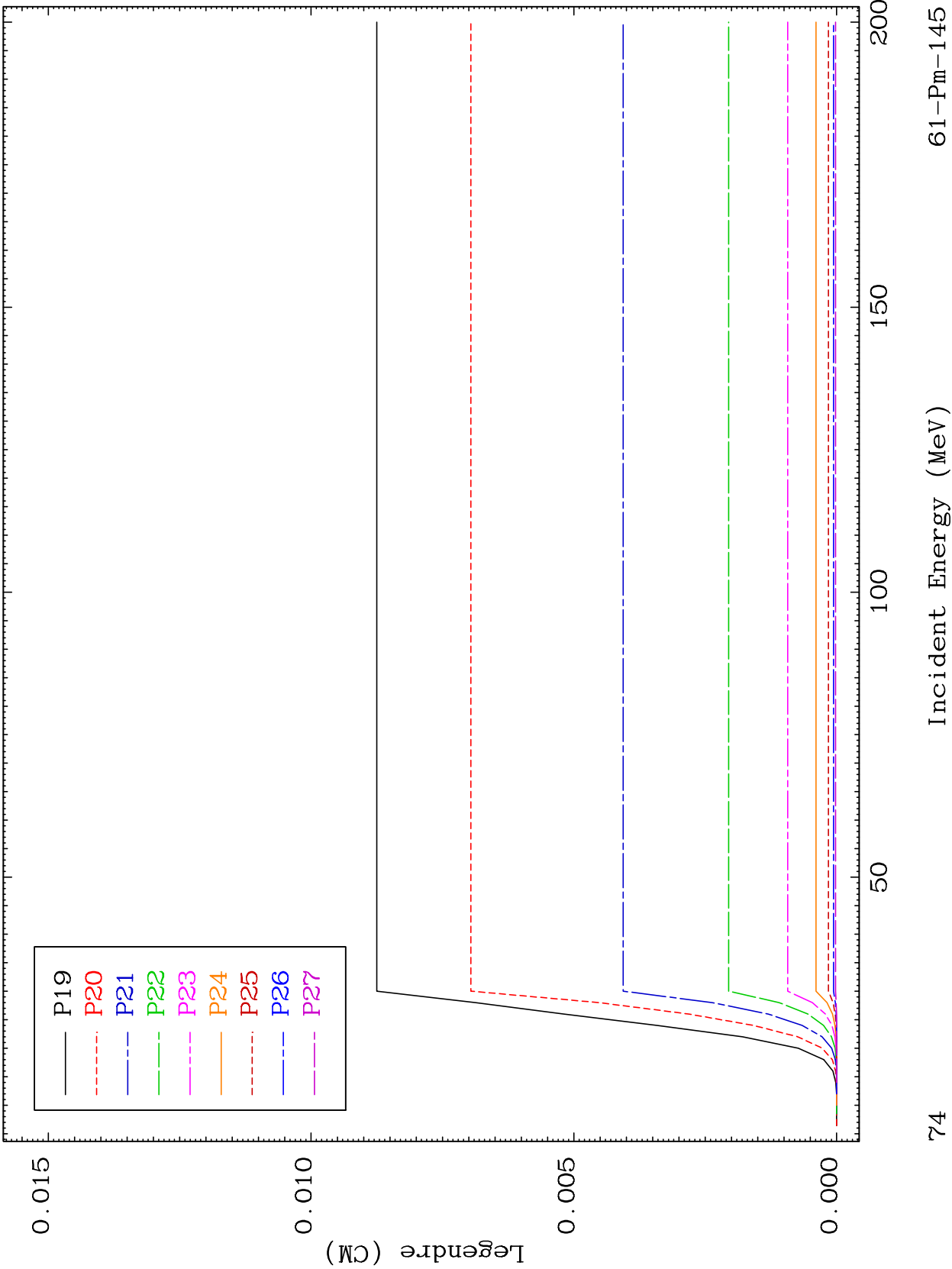
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



74

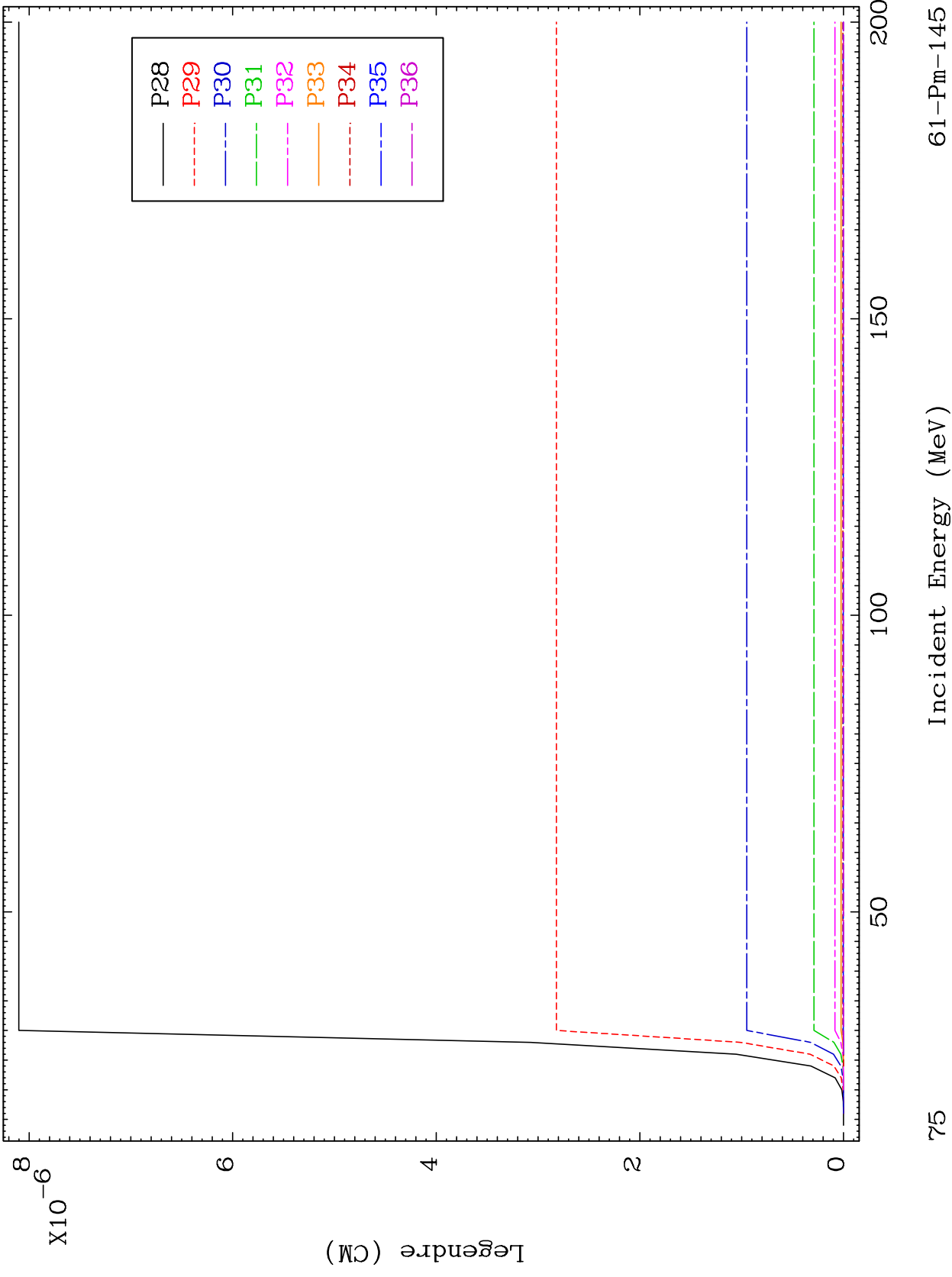
Incident Energy (MeV)

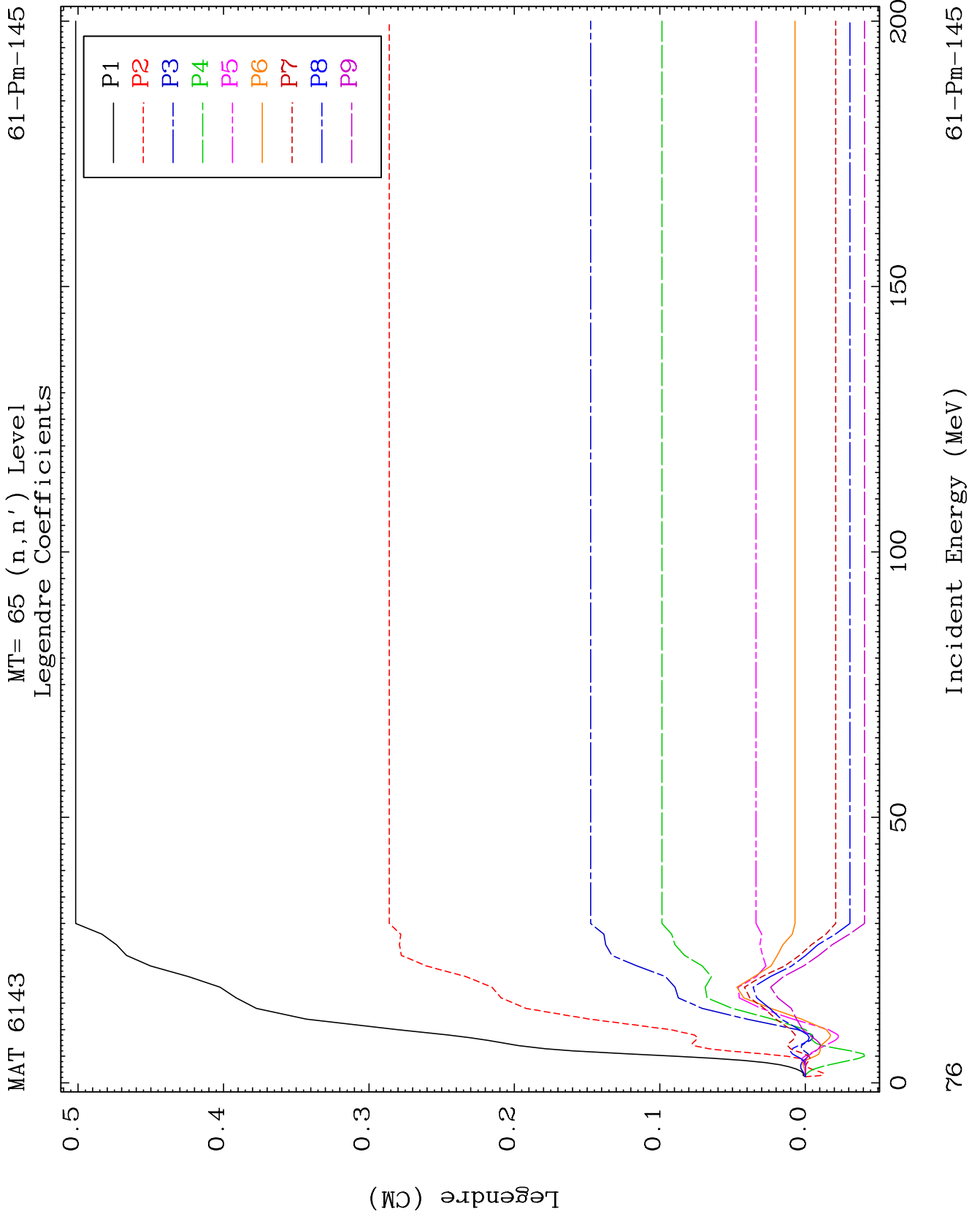
61-Pm-145

MAT 6143

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

61-Pm-145

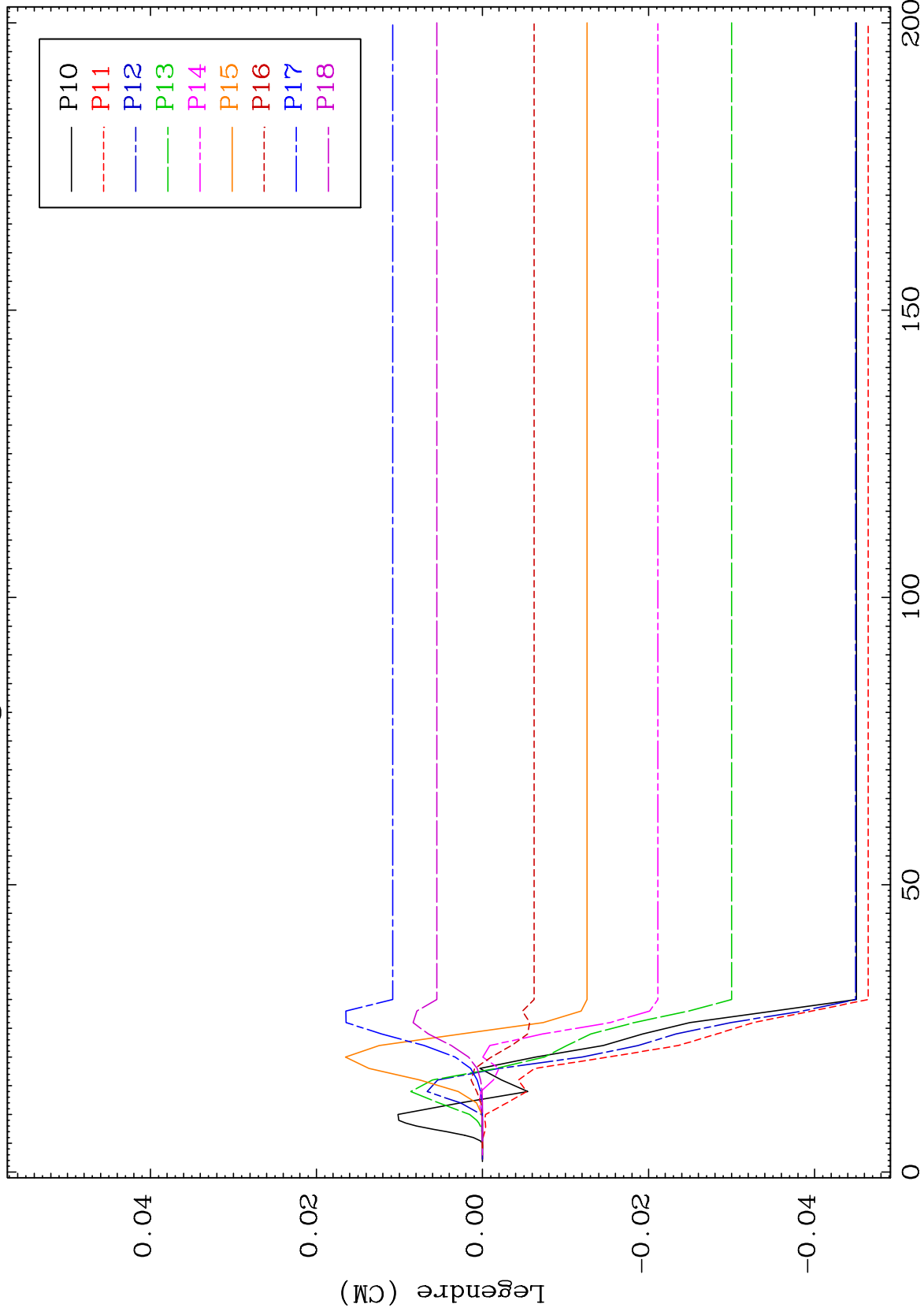




MAT 6143

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

61-Pm-145



77

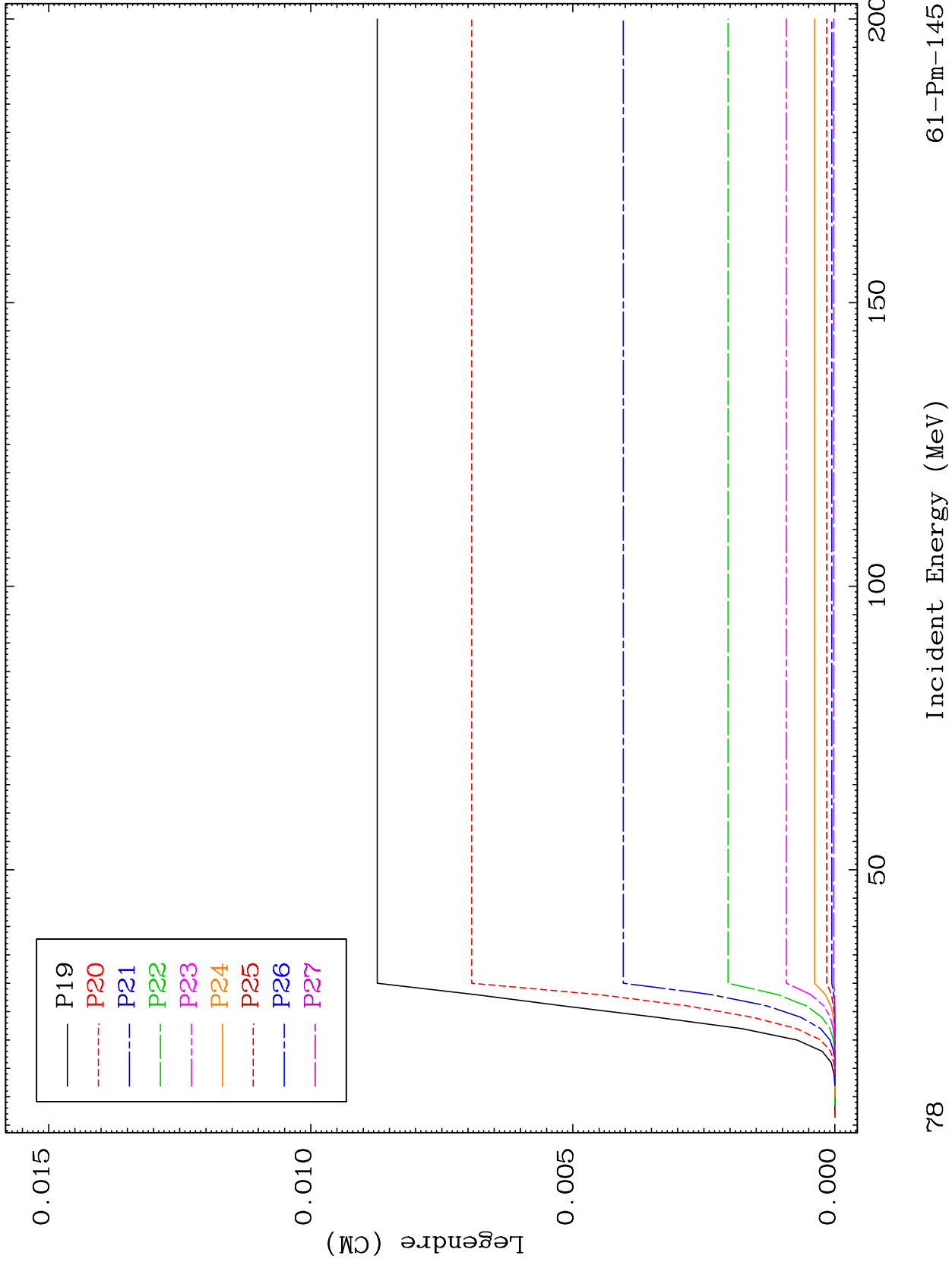
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



78

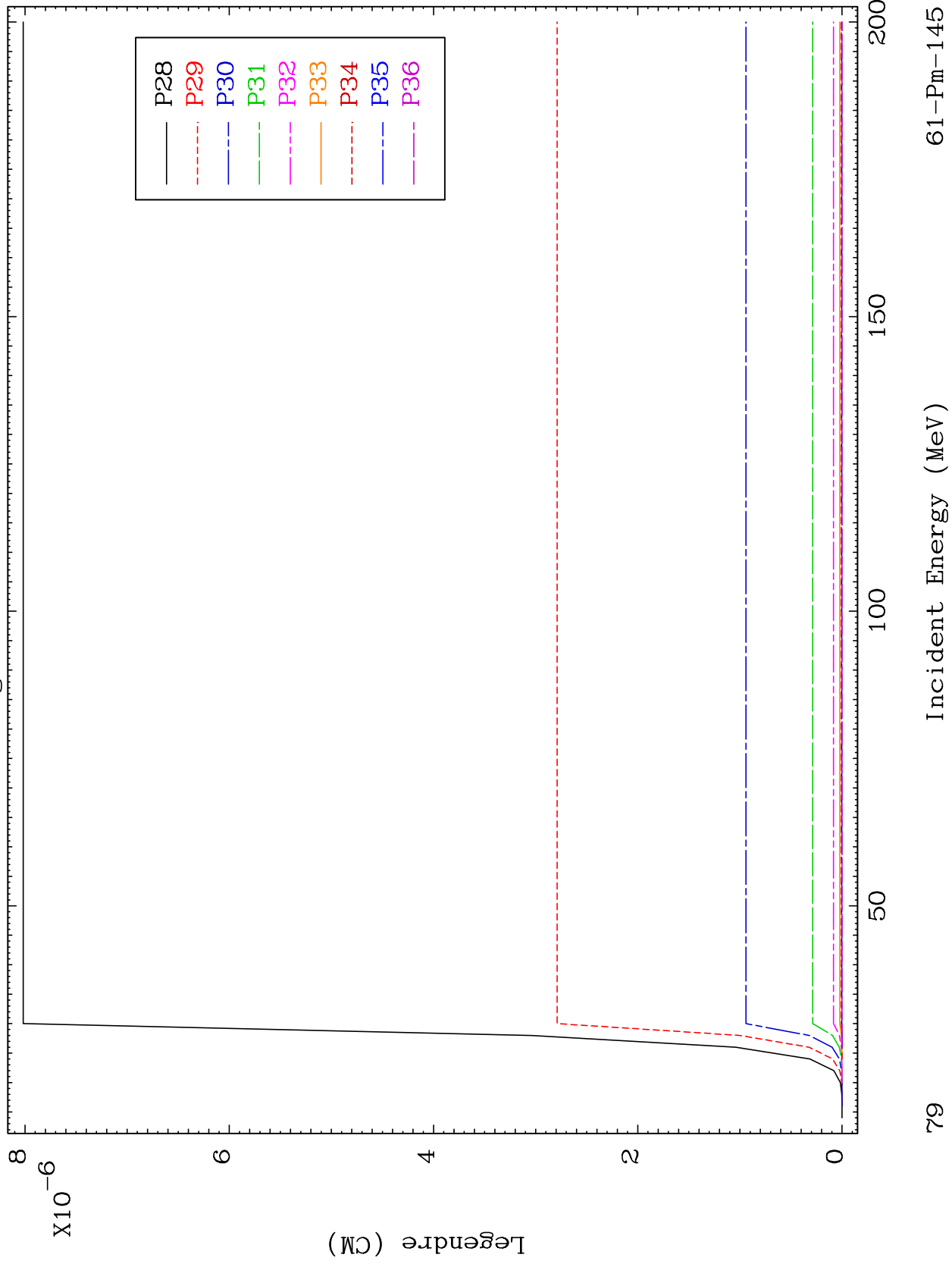
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

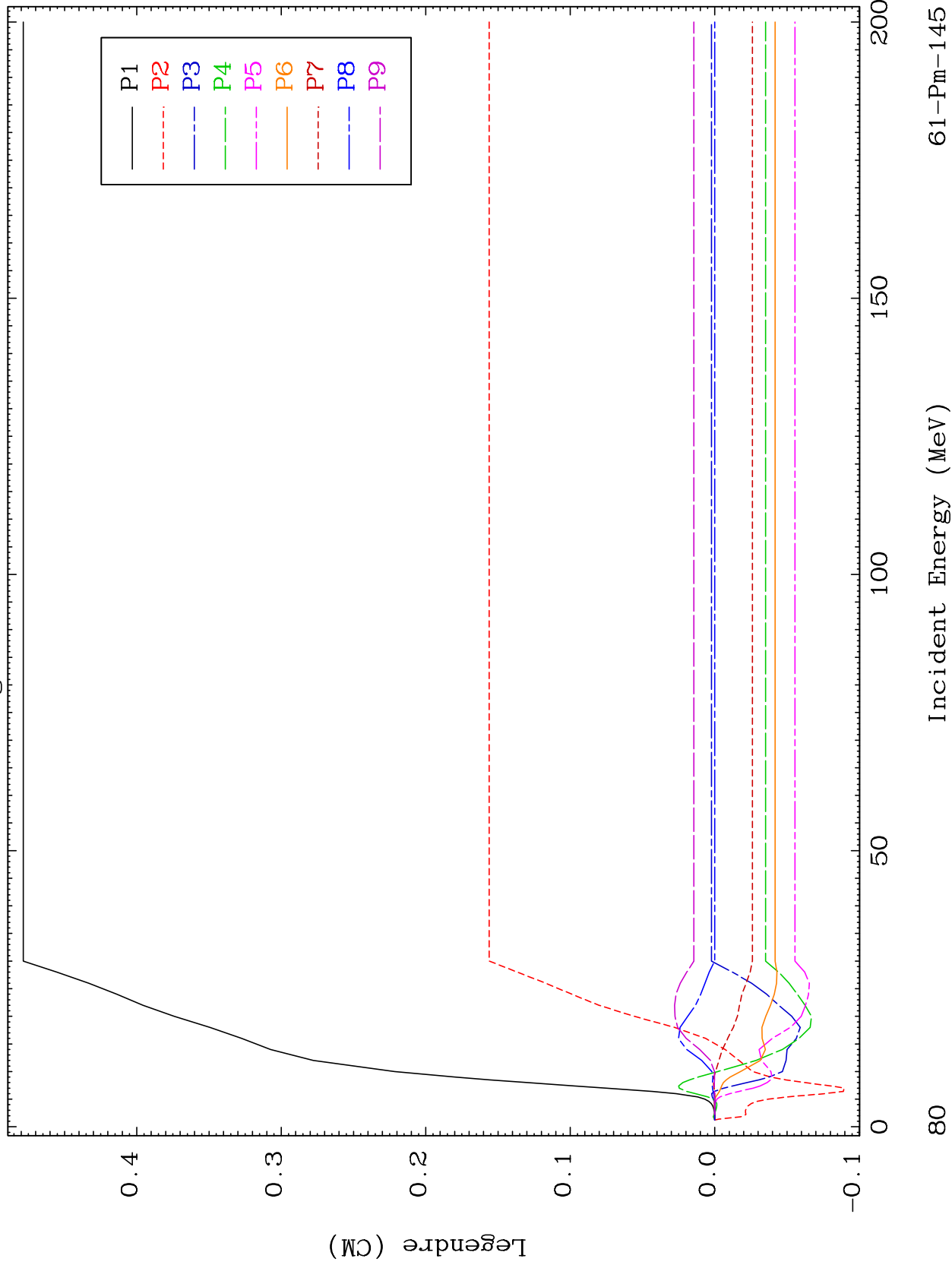
61-Pm-145



MAT 6143

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

61-Pm-145



61-Pm-145

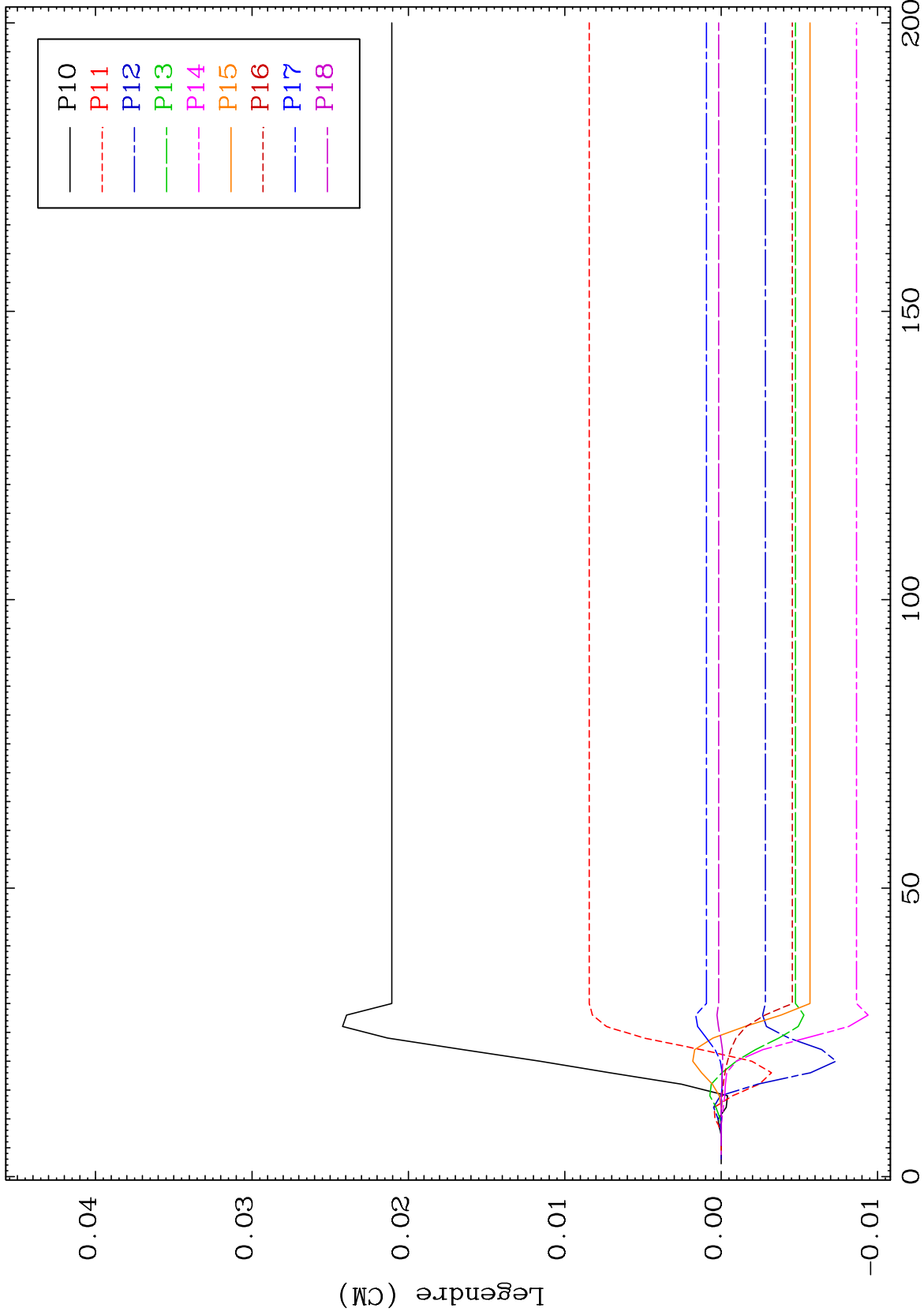
Incident Energy (MeV)

80

MAT 6143

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

61-Pm-145



81

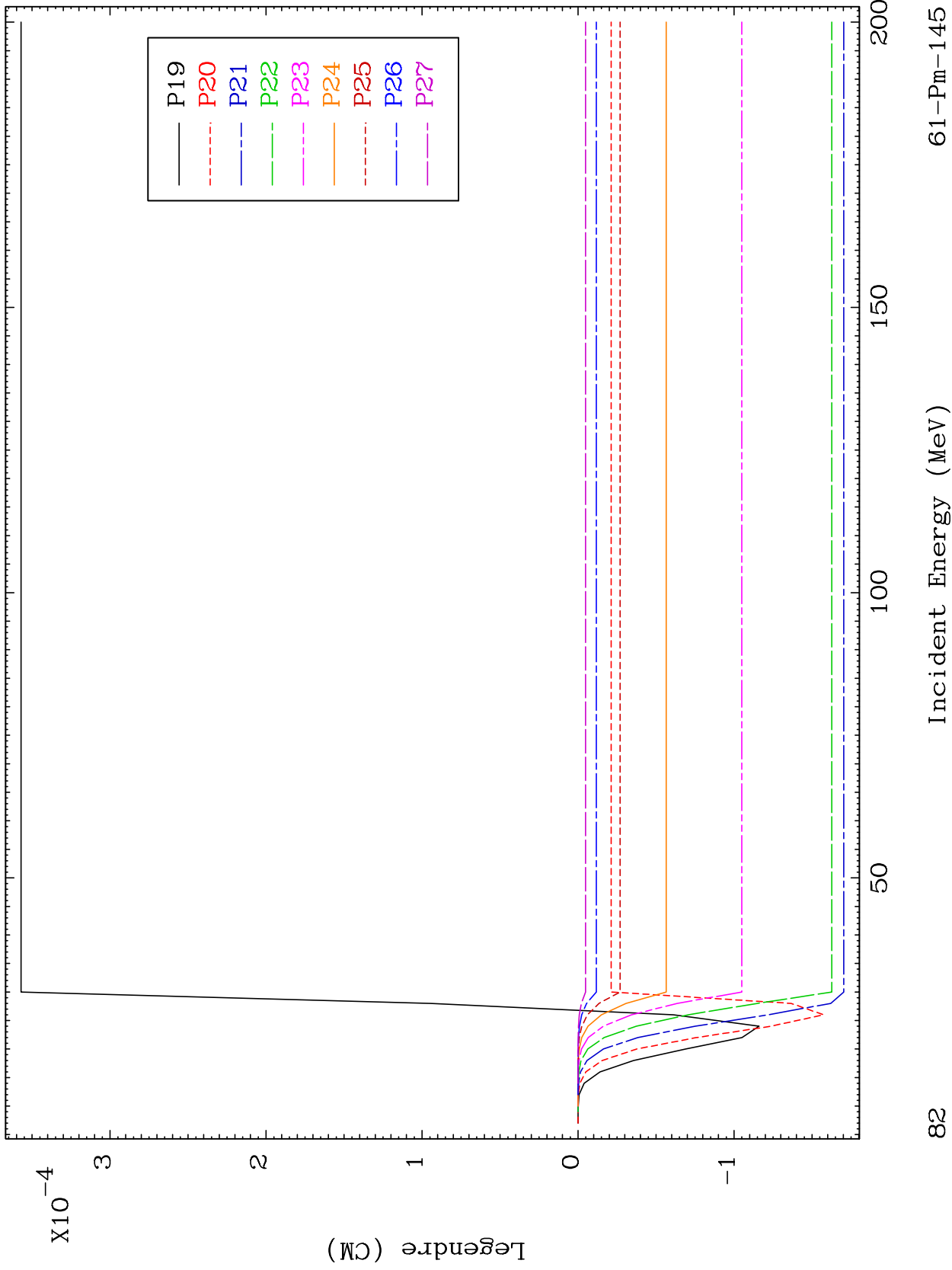
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



82

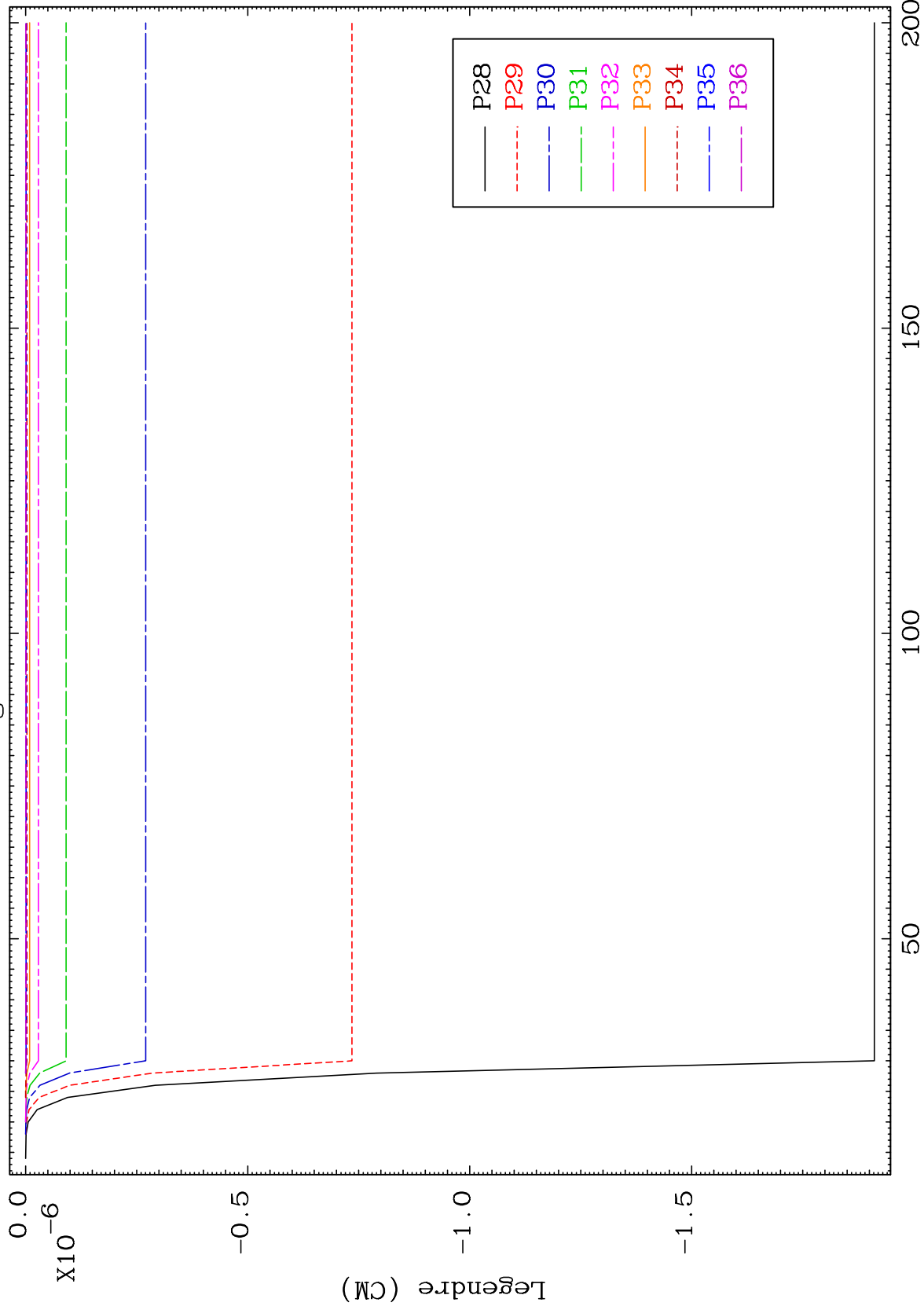
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

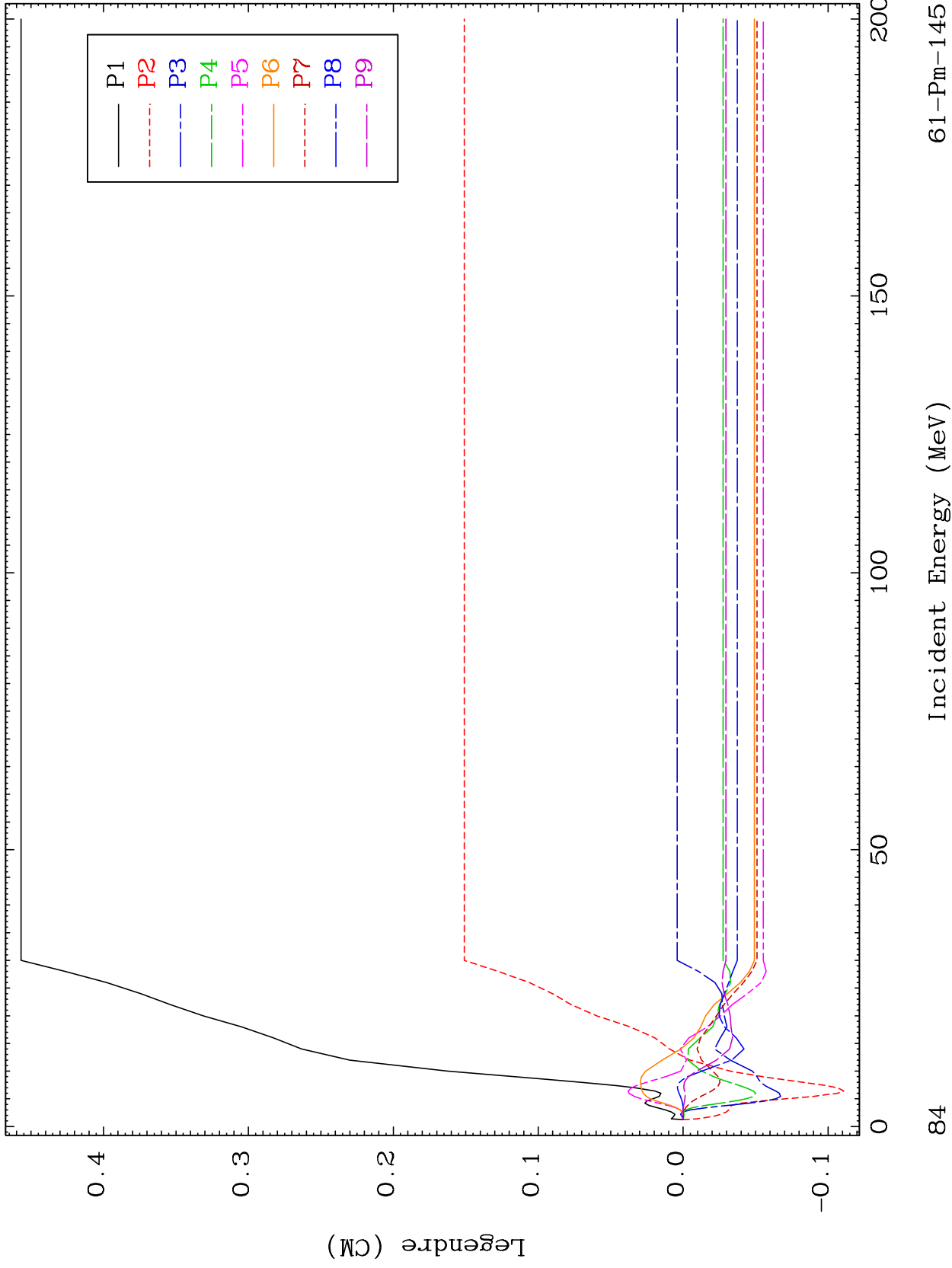
61-Pm-145



MAT 6143

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

61-Pm-145



61-Pm-145

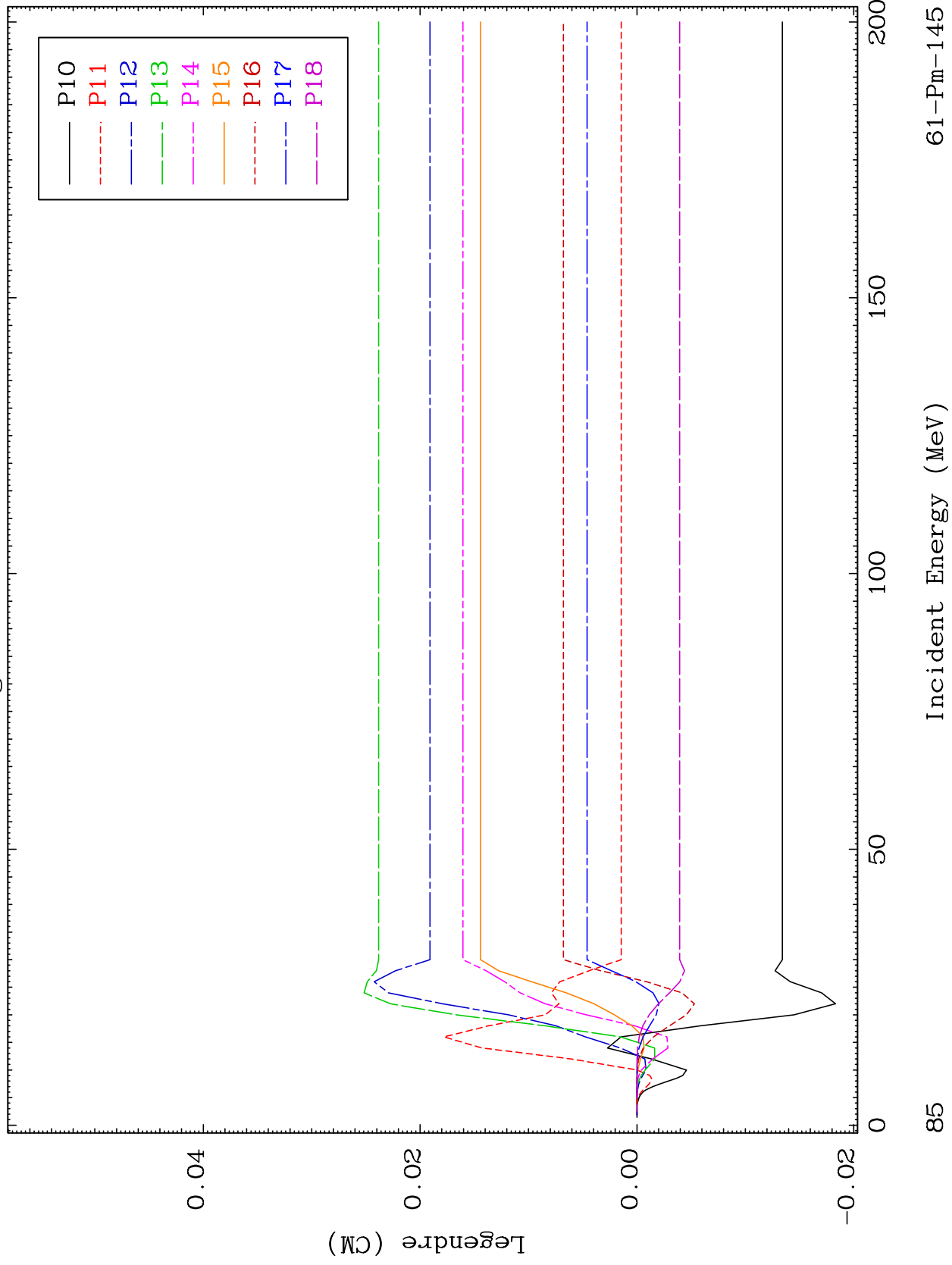
Incident Energy (MeV)

84

MAT 6143

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

61-Pm-145



61-Pm-145

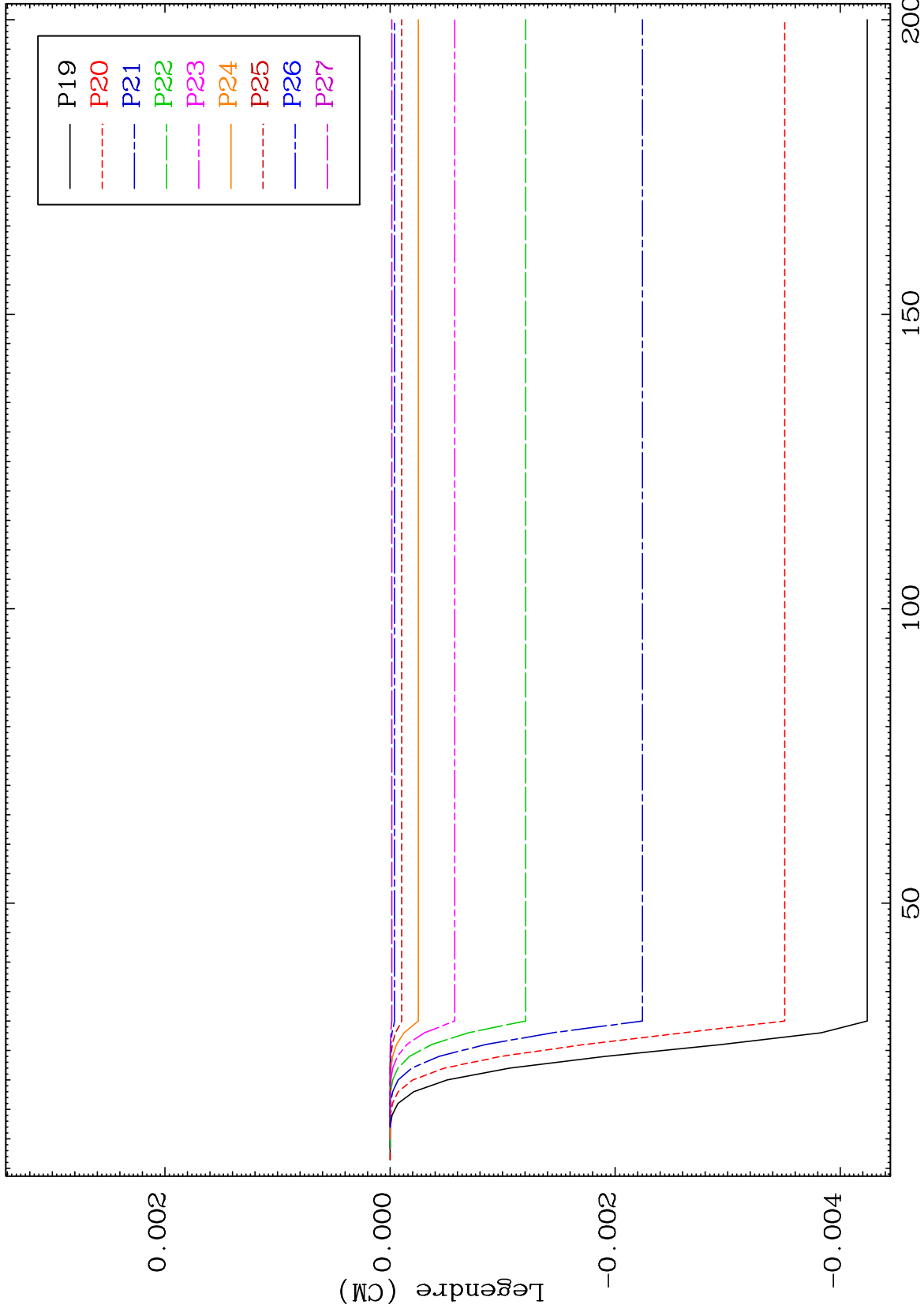
Incident Energy (MeV)

85

MAT 6143

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

61-Pm-145



86

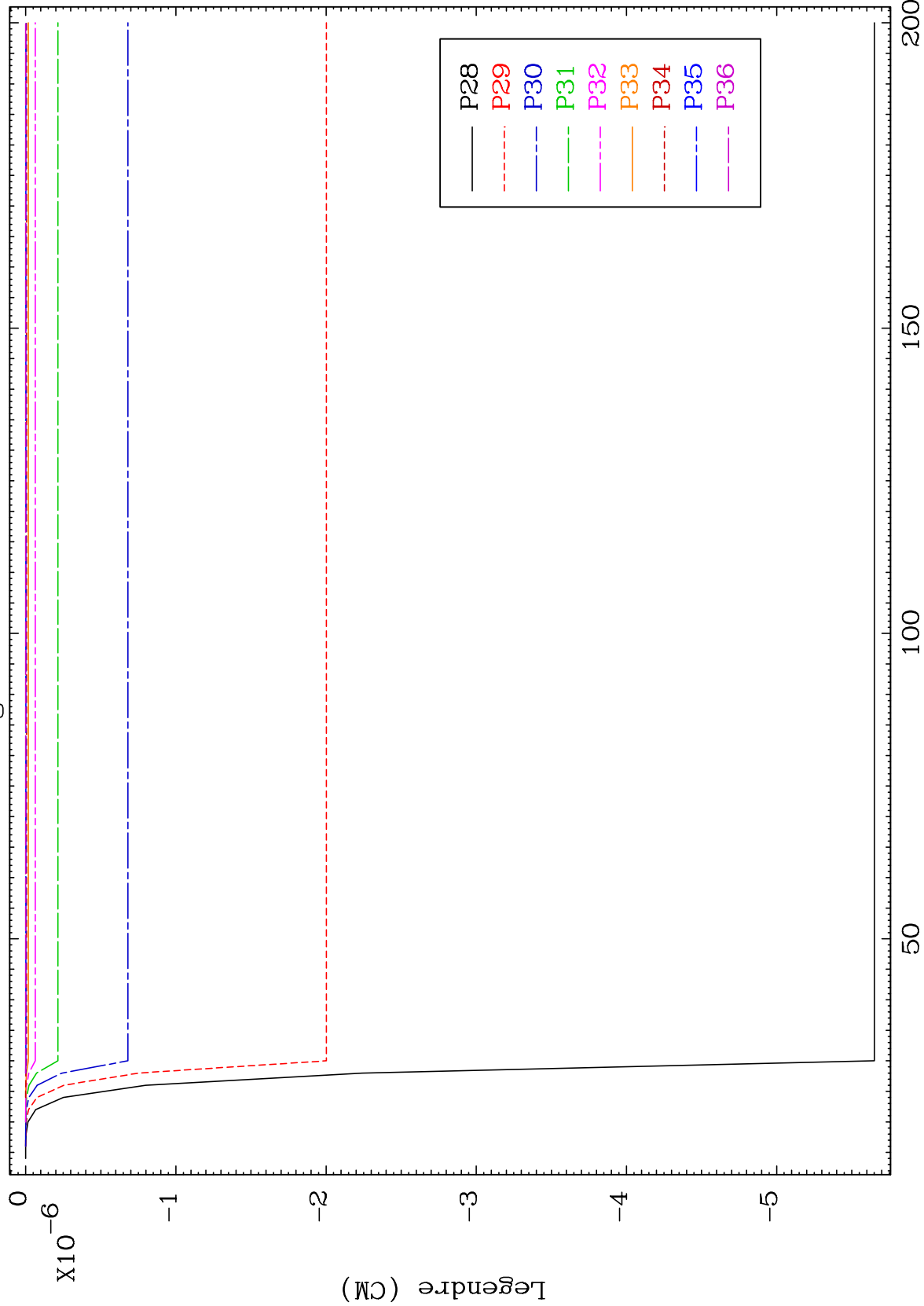
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

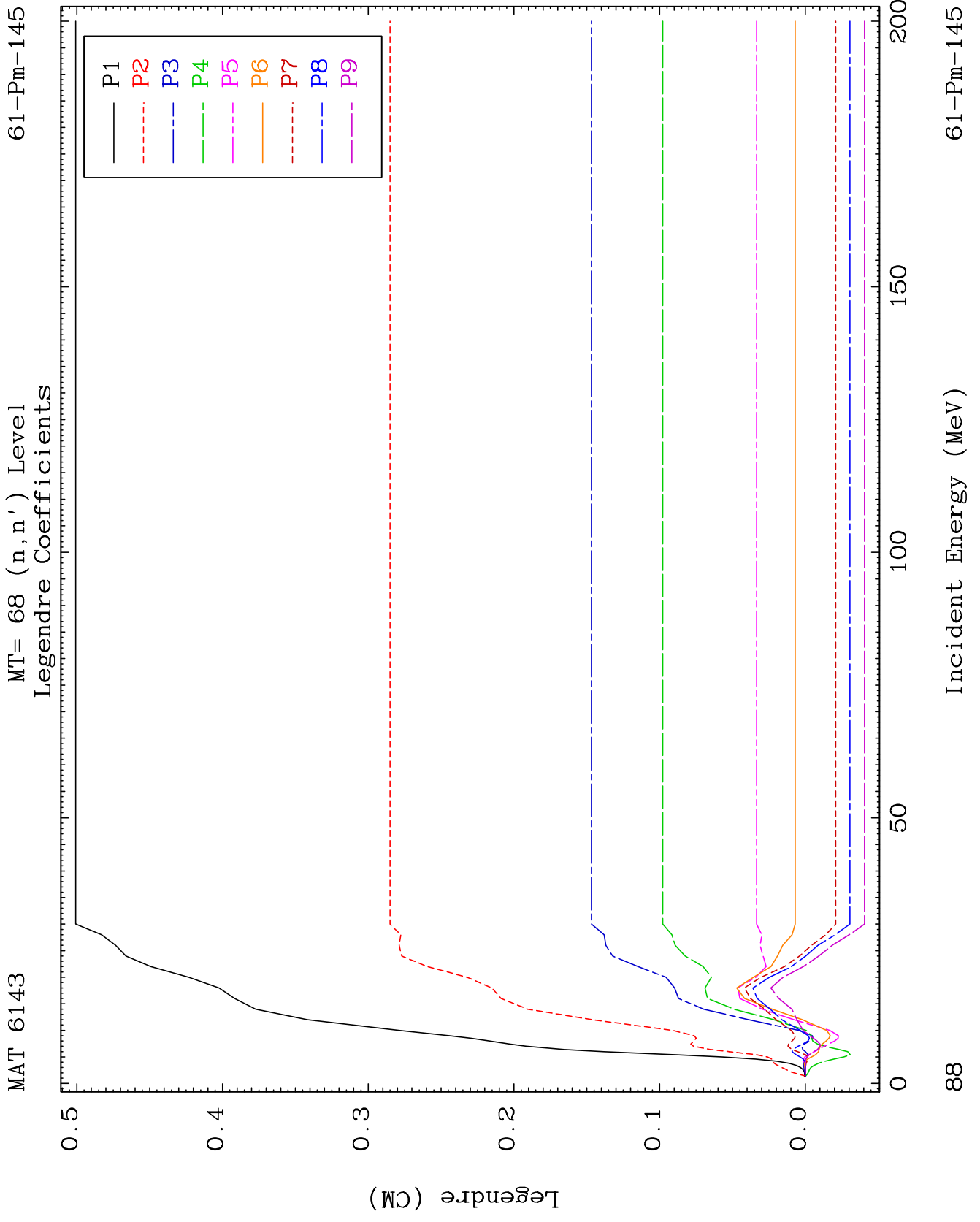
61-Pm-145



87

Incident Energy (MeV)

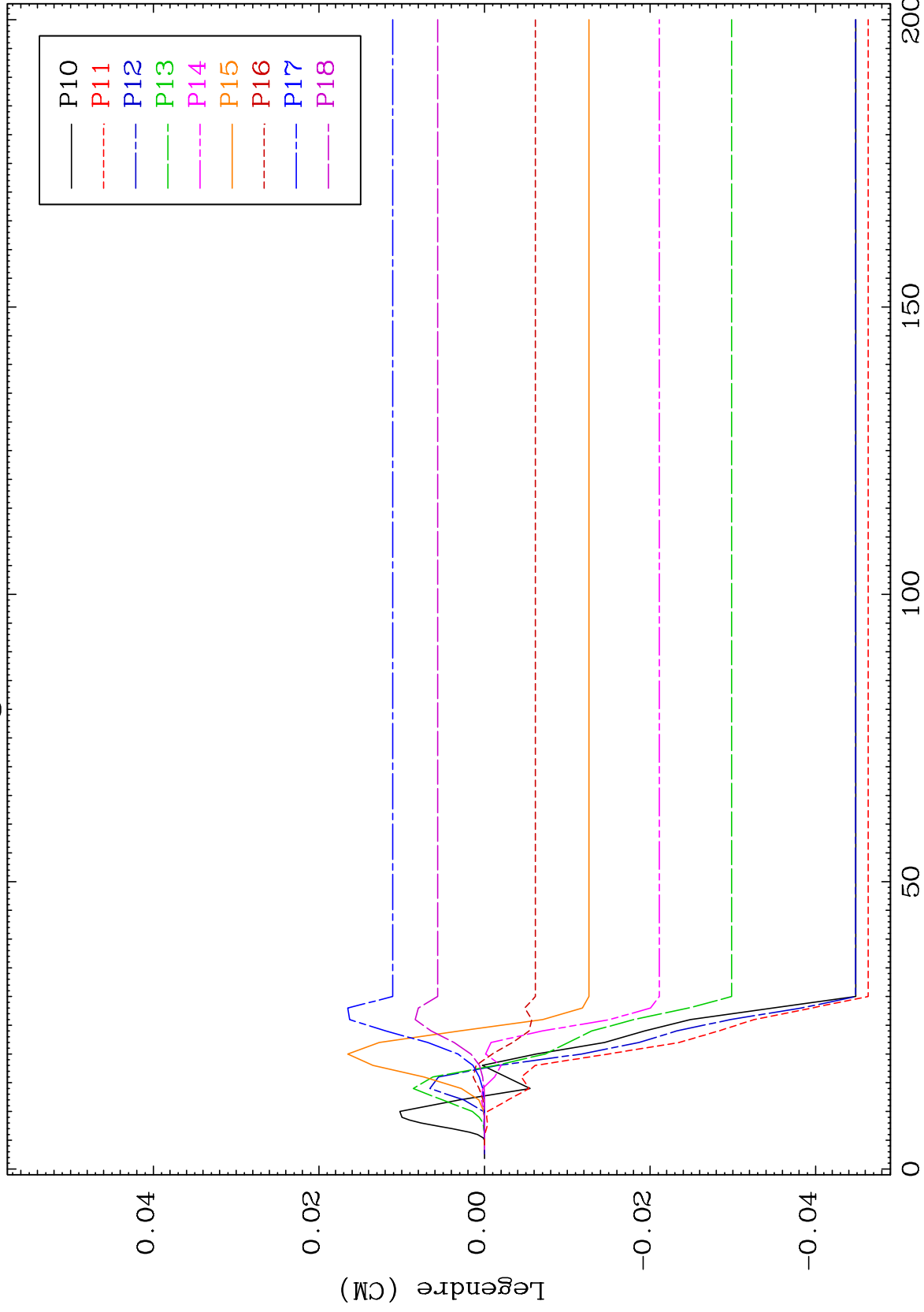
61-Pm-145



MAT 6143

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

61-Pm-145



89

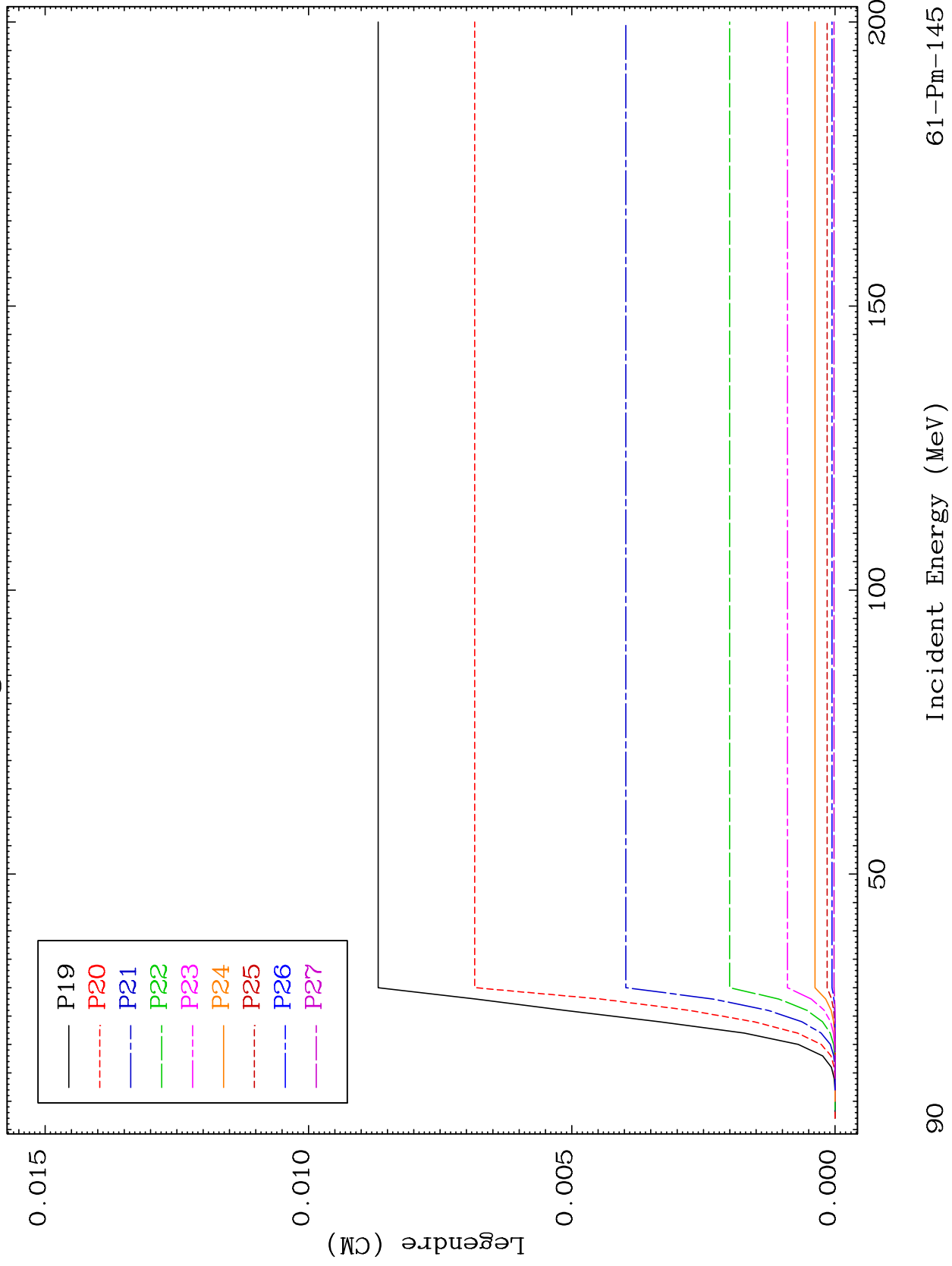
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



90

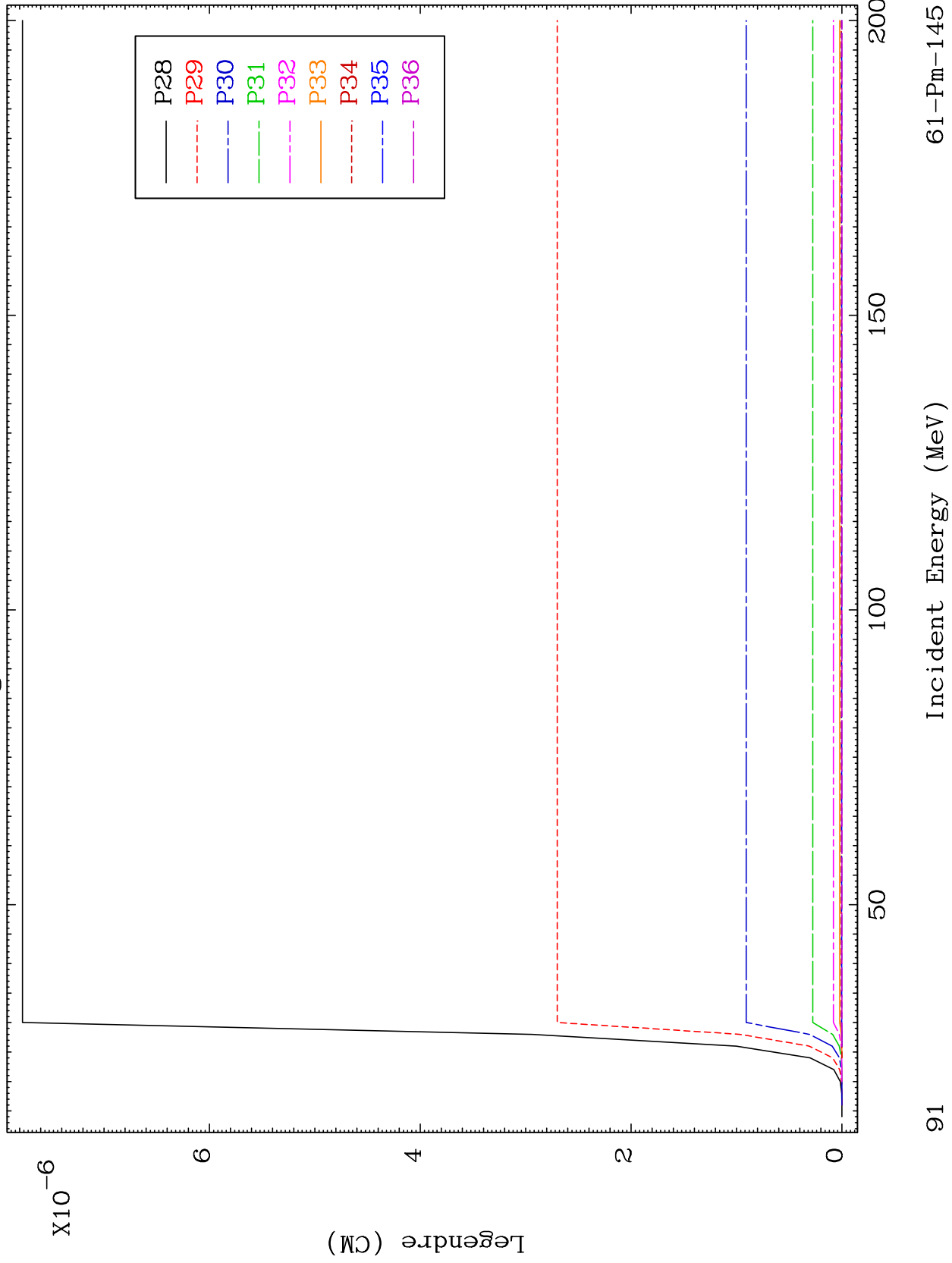
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145

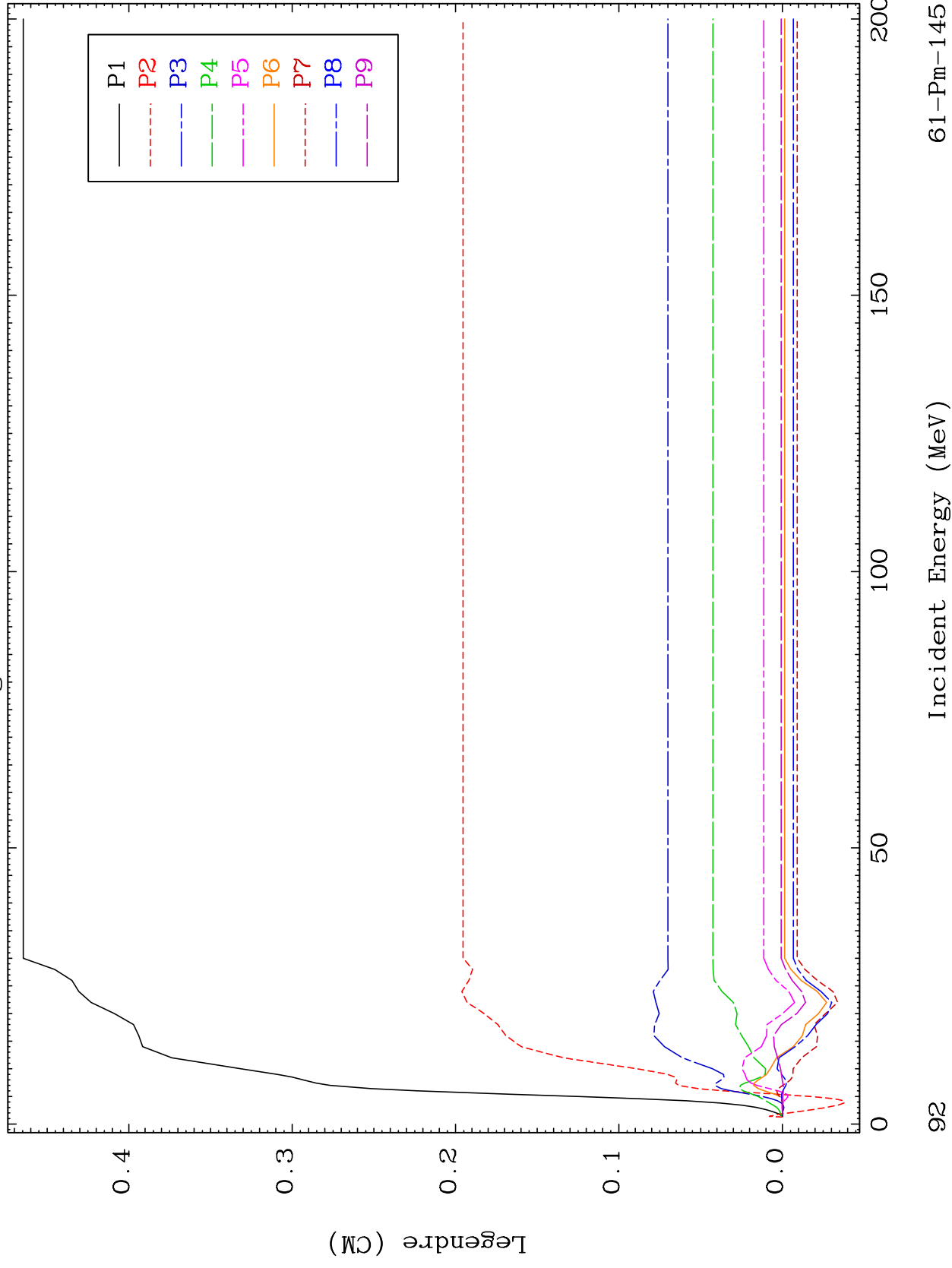


91

MAT 6143

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

61-Pm-145



61-Pm-145

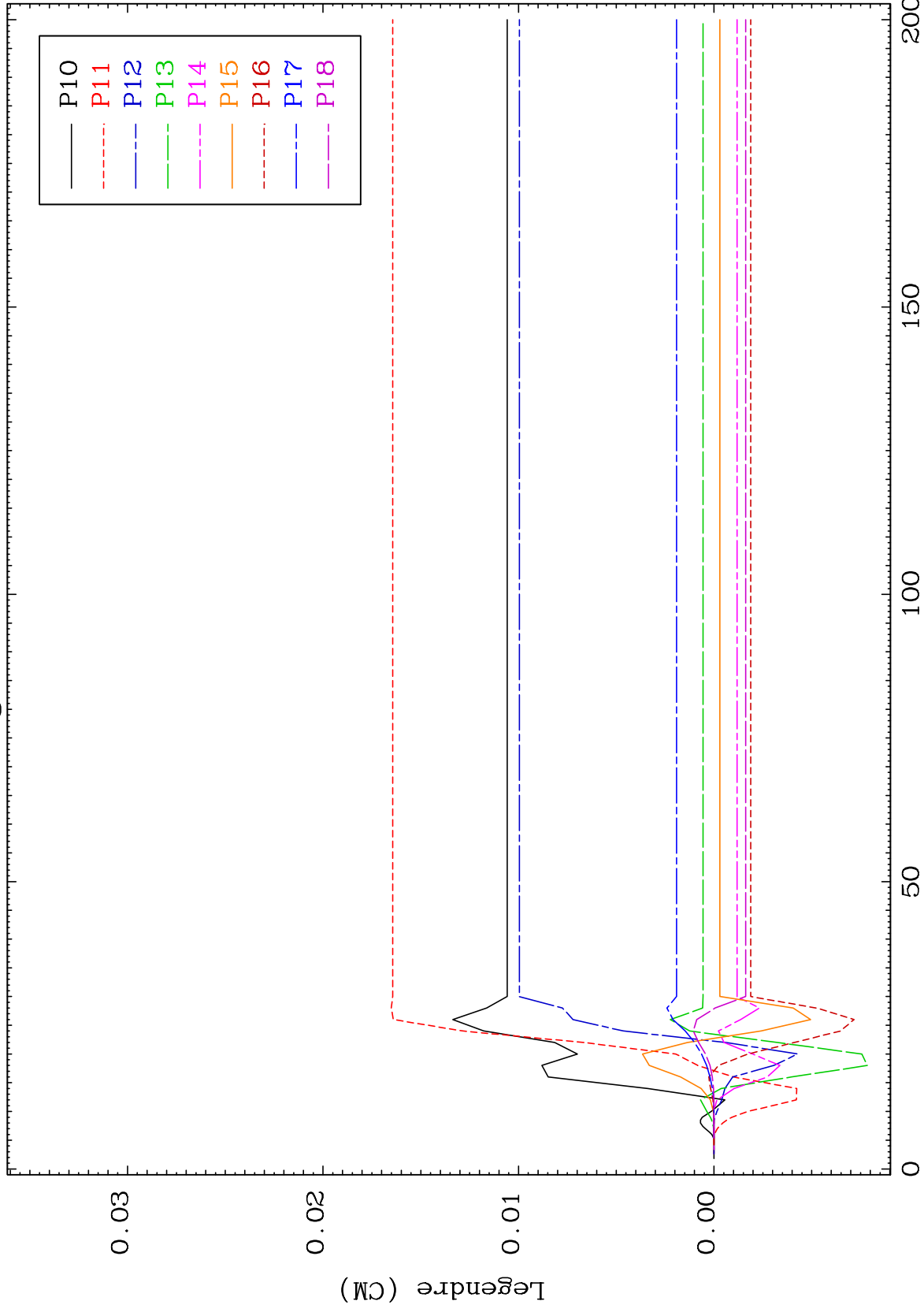
Incident Energy (MeV)

92

MAT 6143

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

61-Pm-145



93

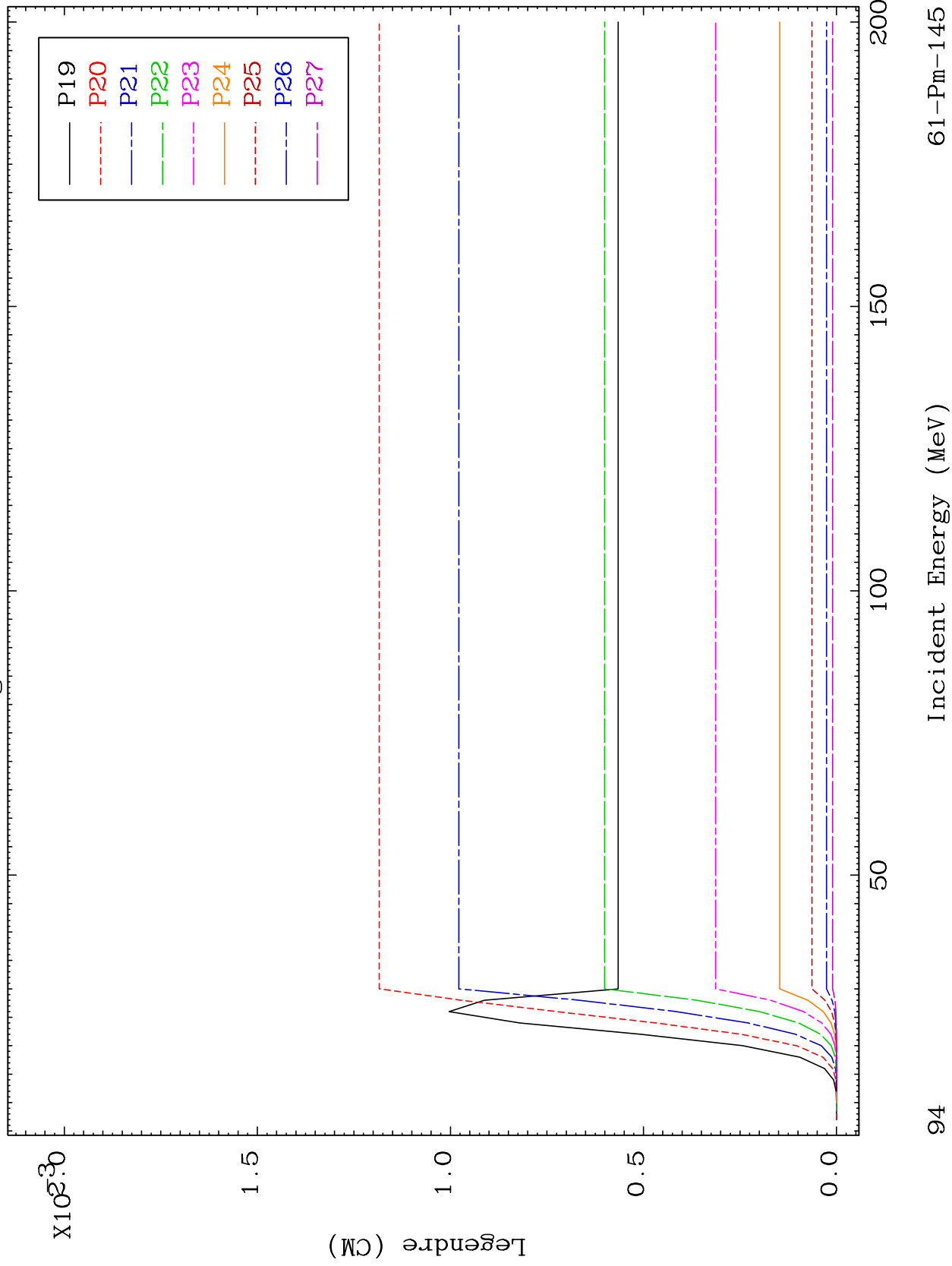
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

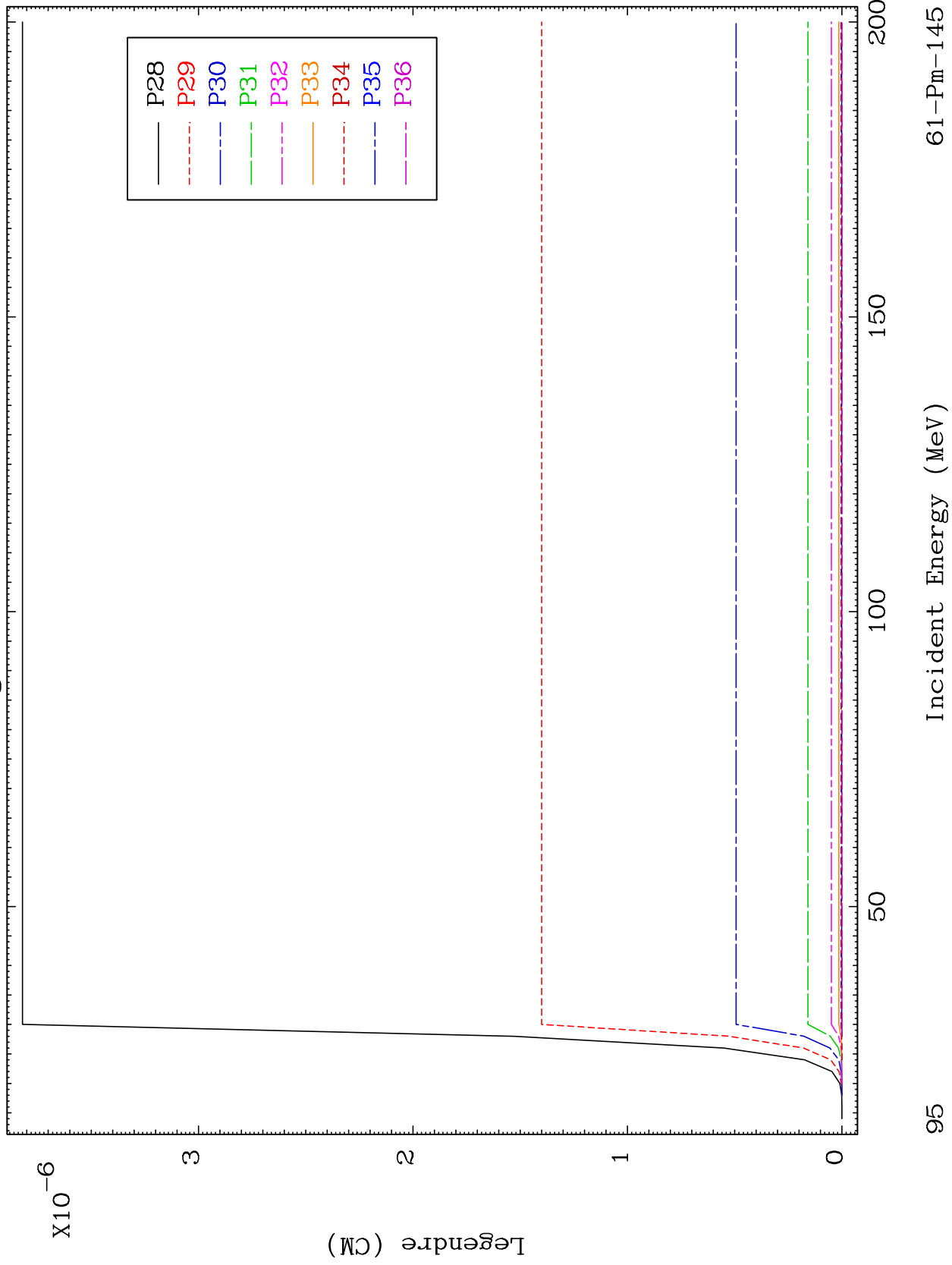
61-Pm-145



MAT 6143

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

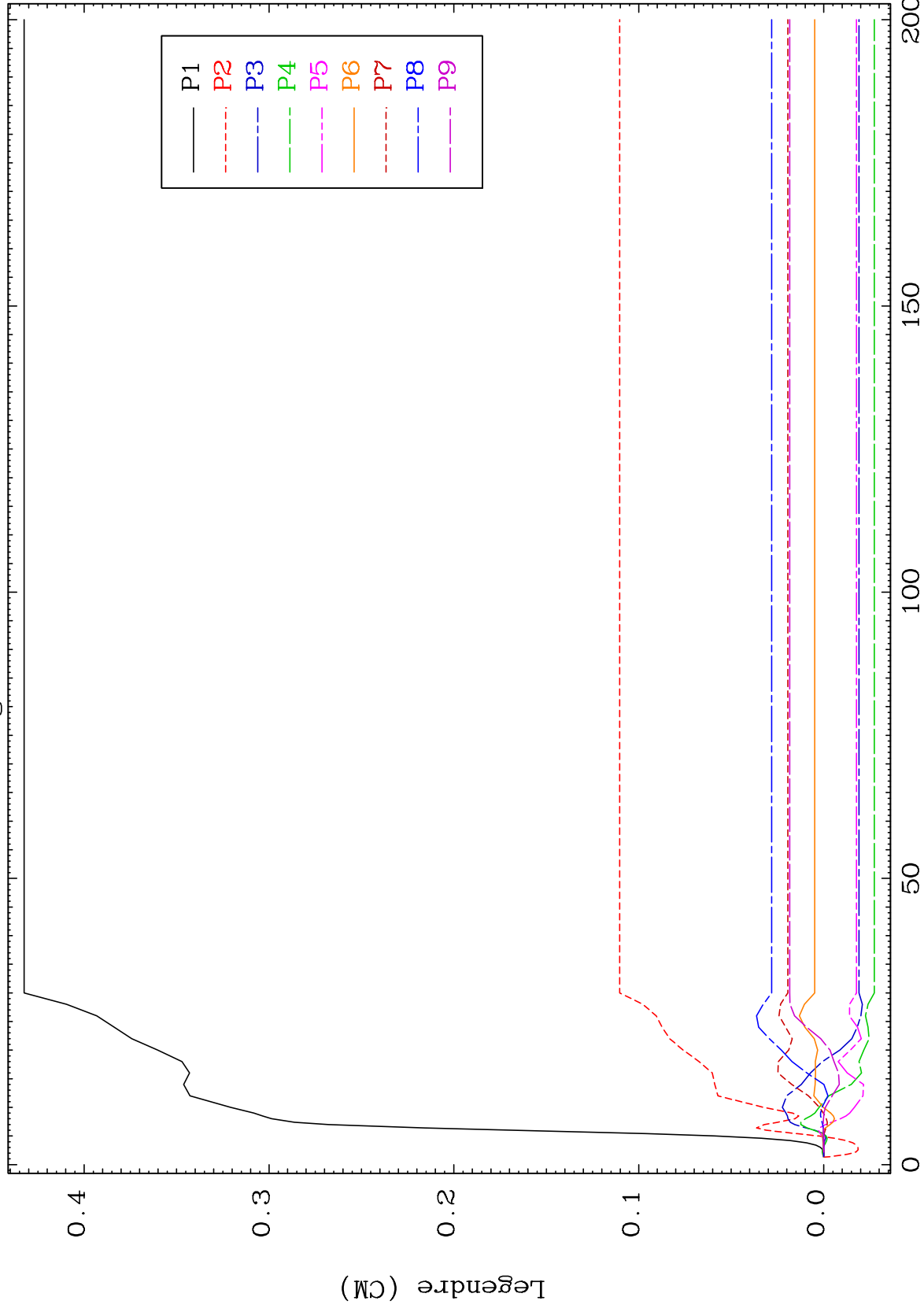
61-Pm-145



MAT 6143

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

61-Pm-145



96

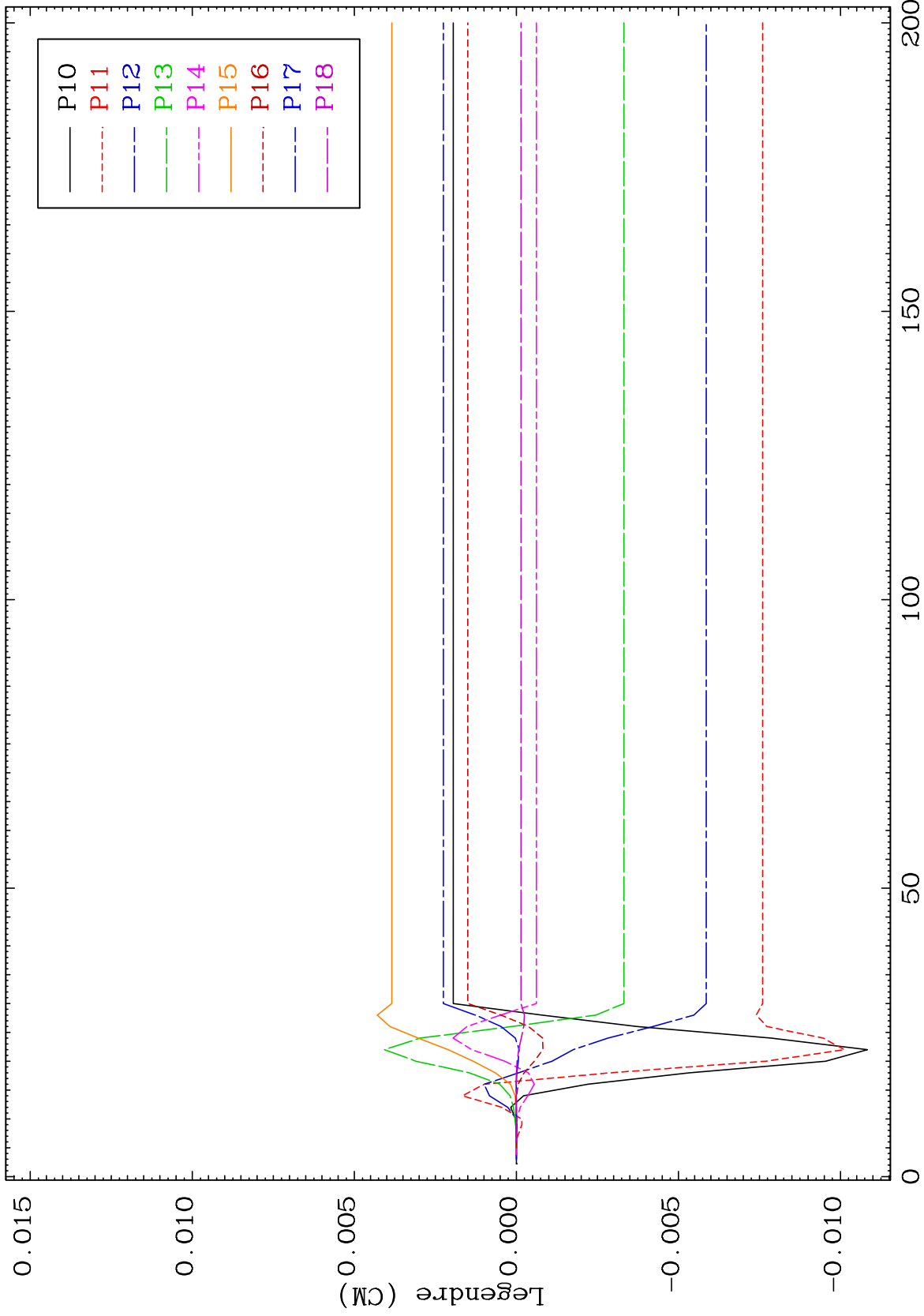
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



97

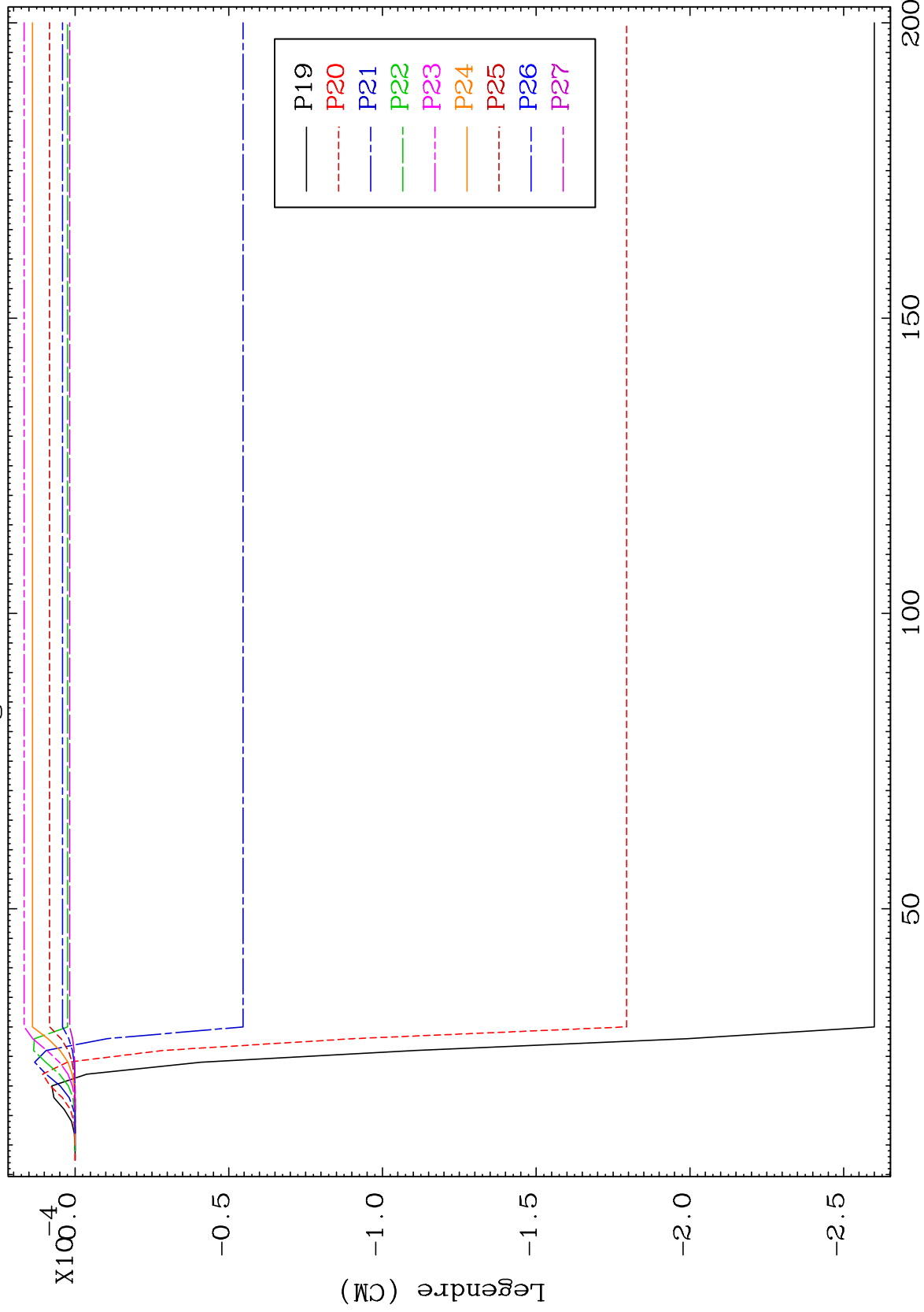
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

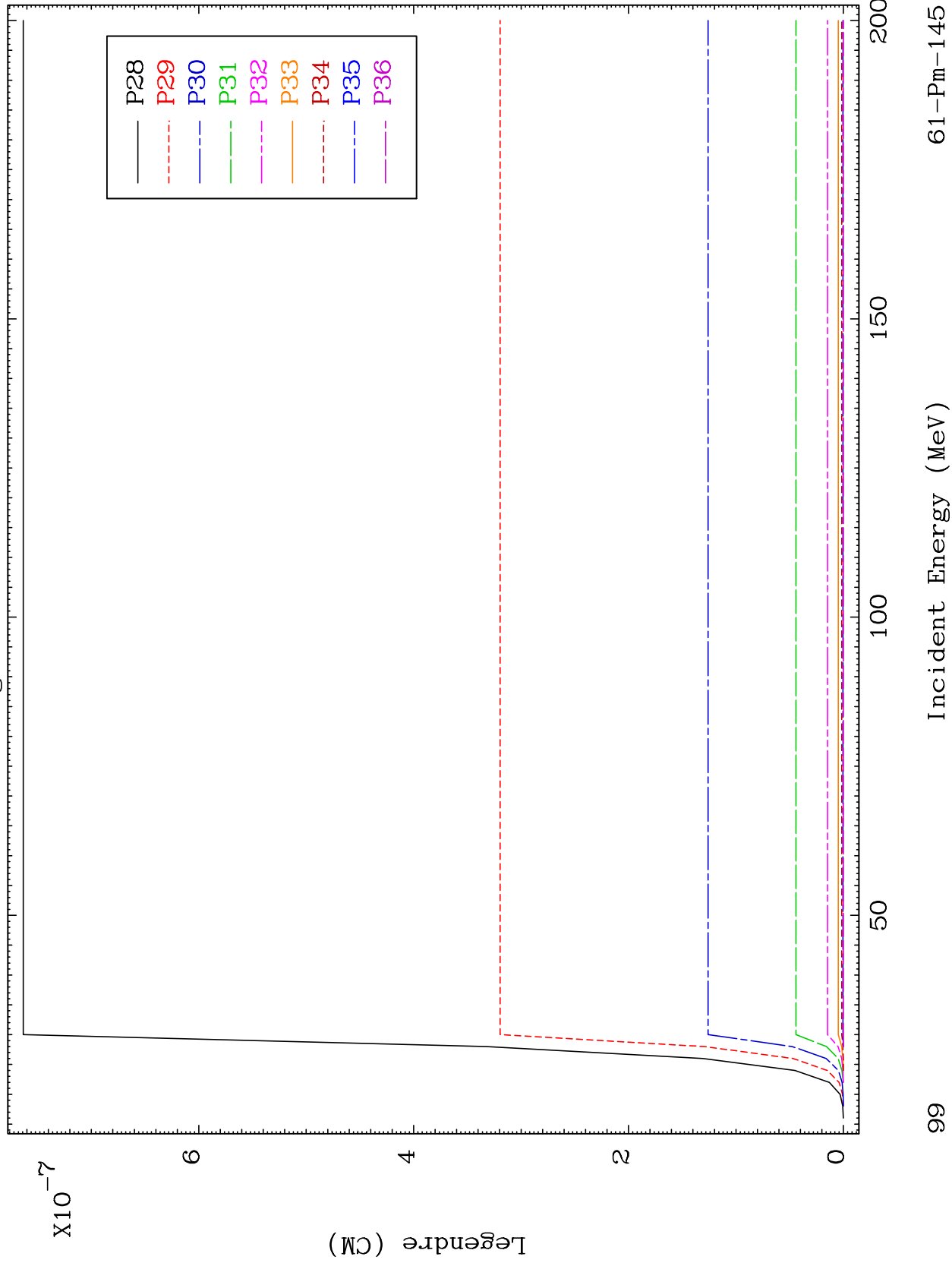
61-Pm-145



MAT 6143

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

61-Pm-145



99

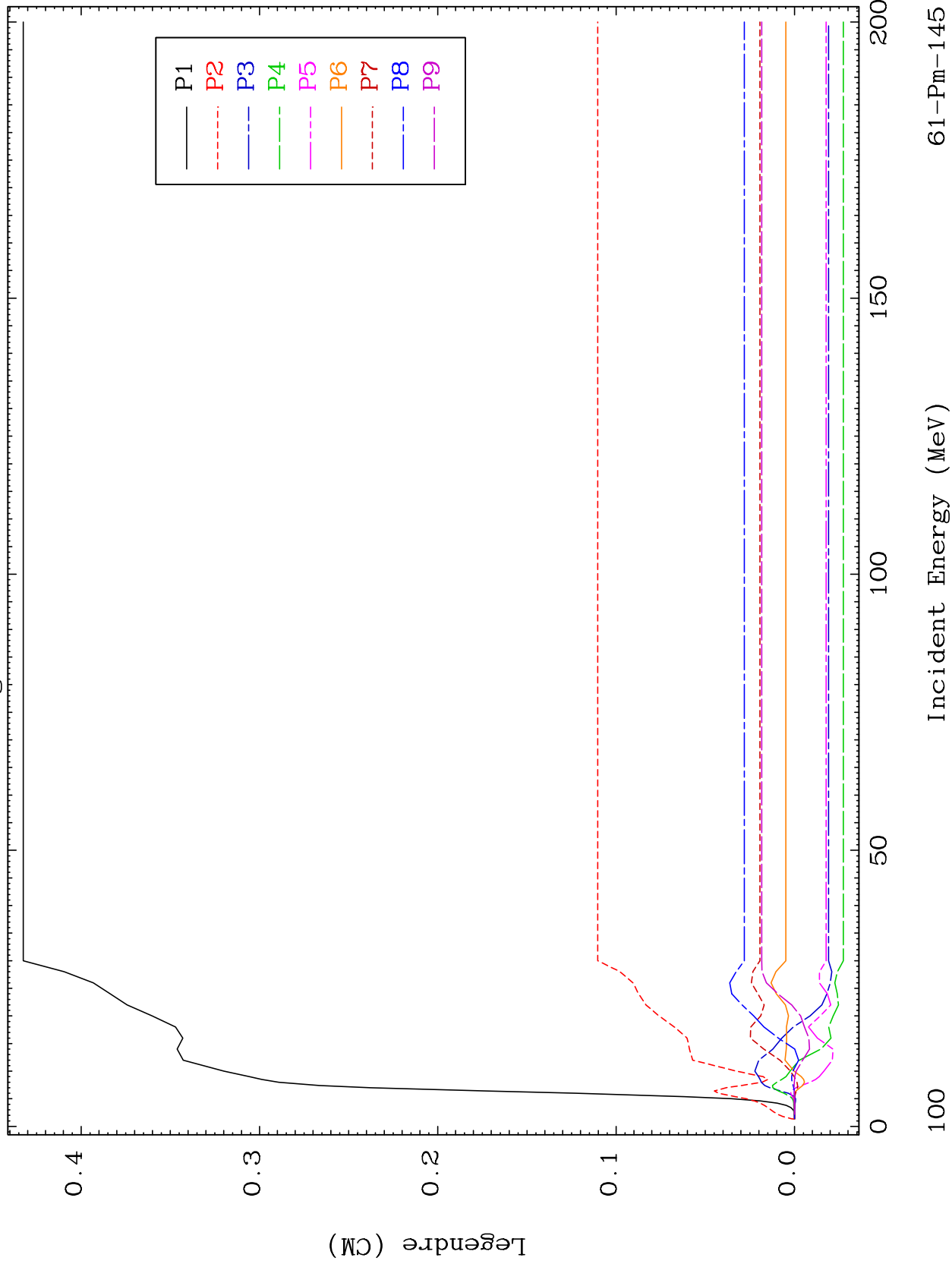
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

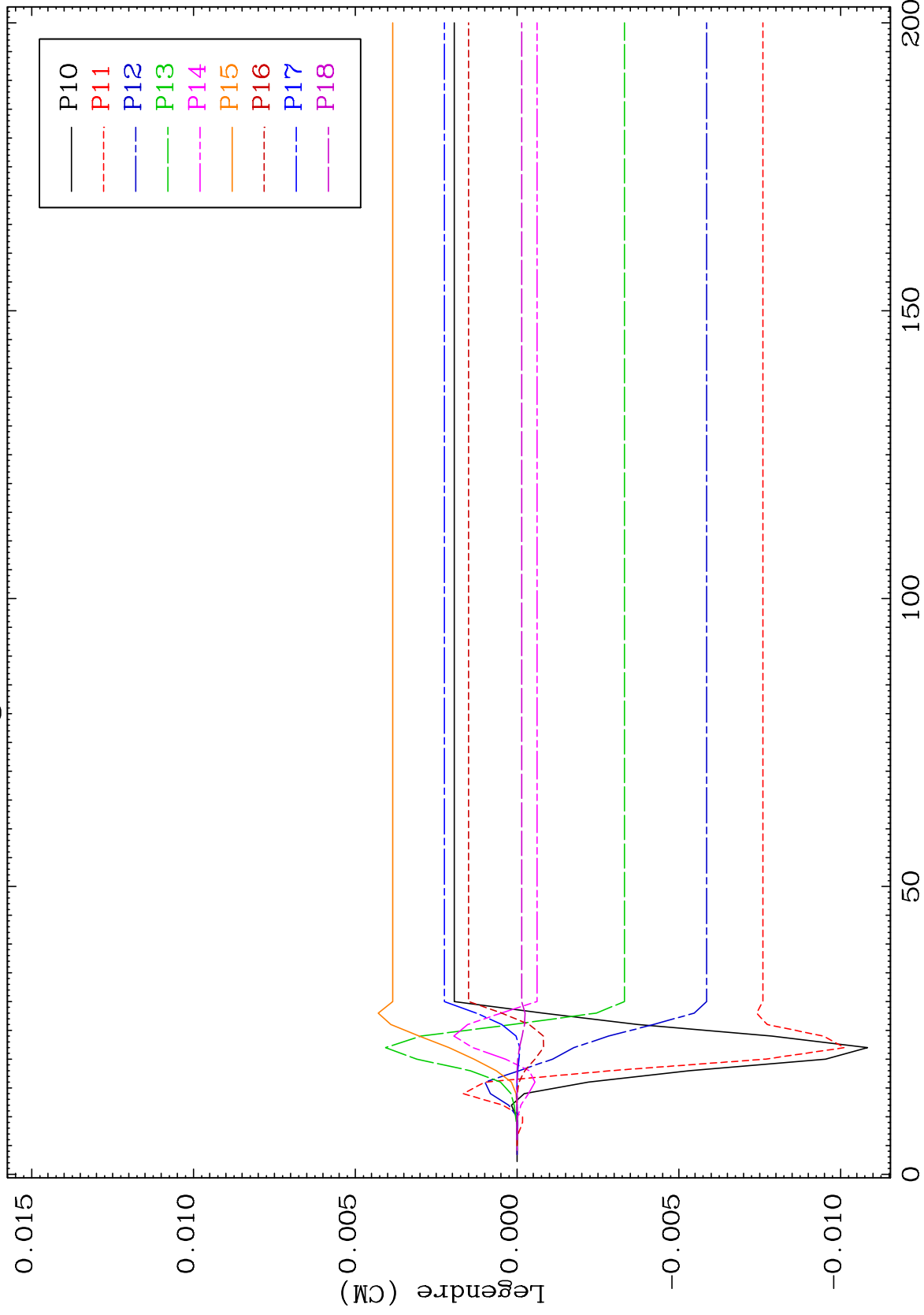
61-Pm-145



MAT 6143

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

61-Pm-145



101

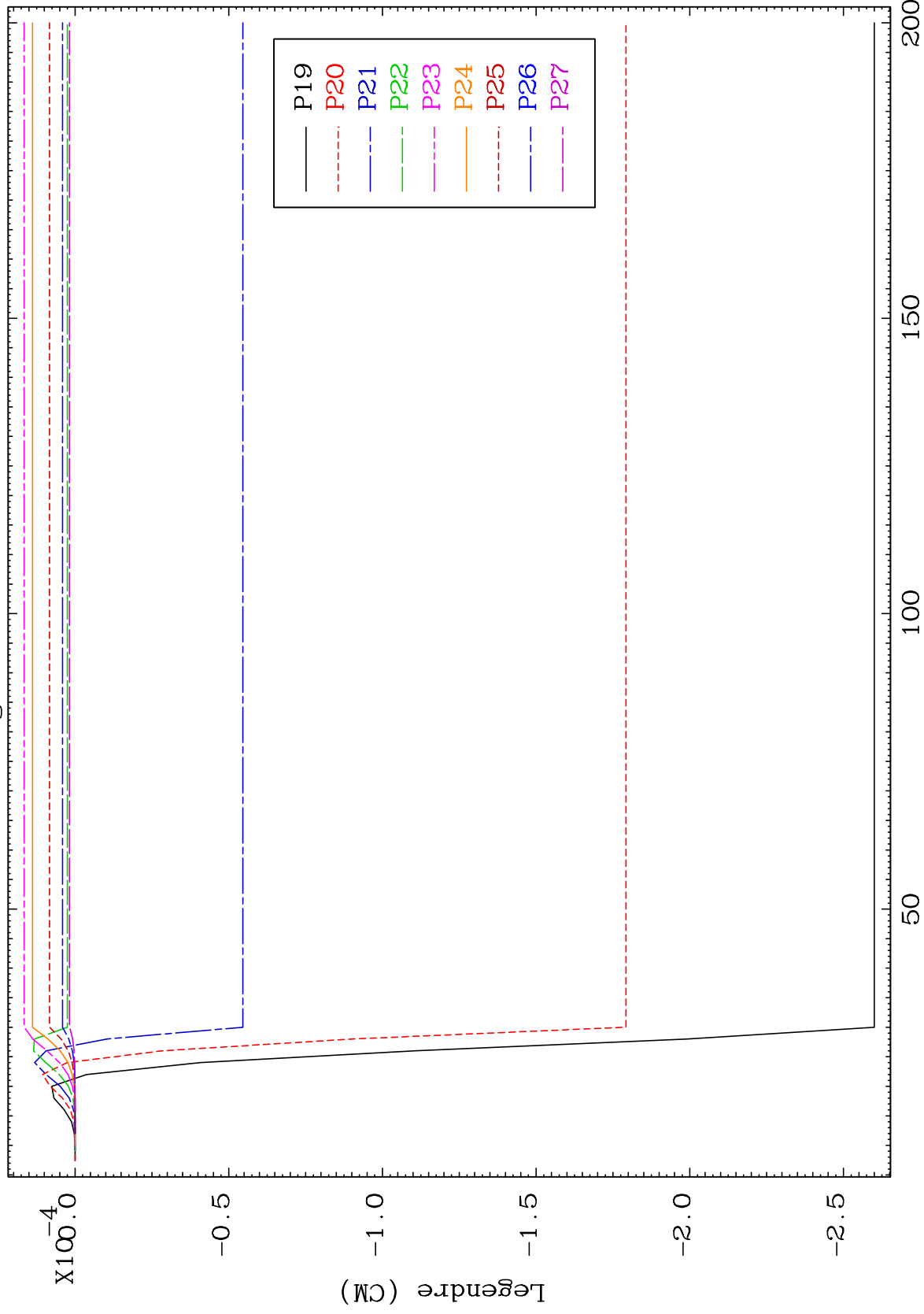
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

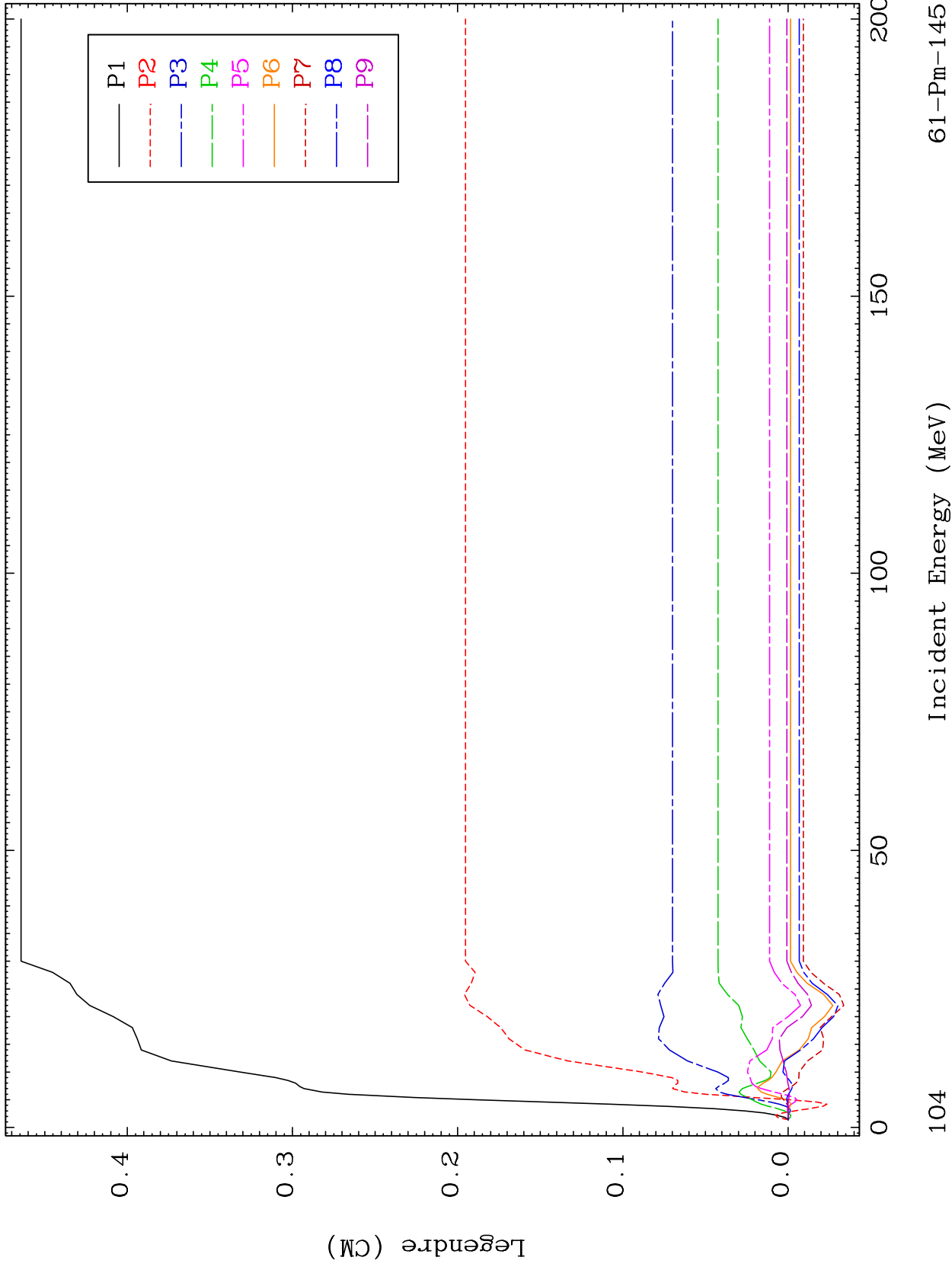
61-Pm-145



MAT 6143

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

61-Pm-145



61-Pm-145

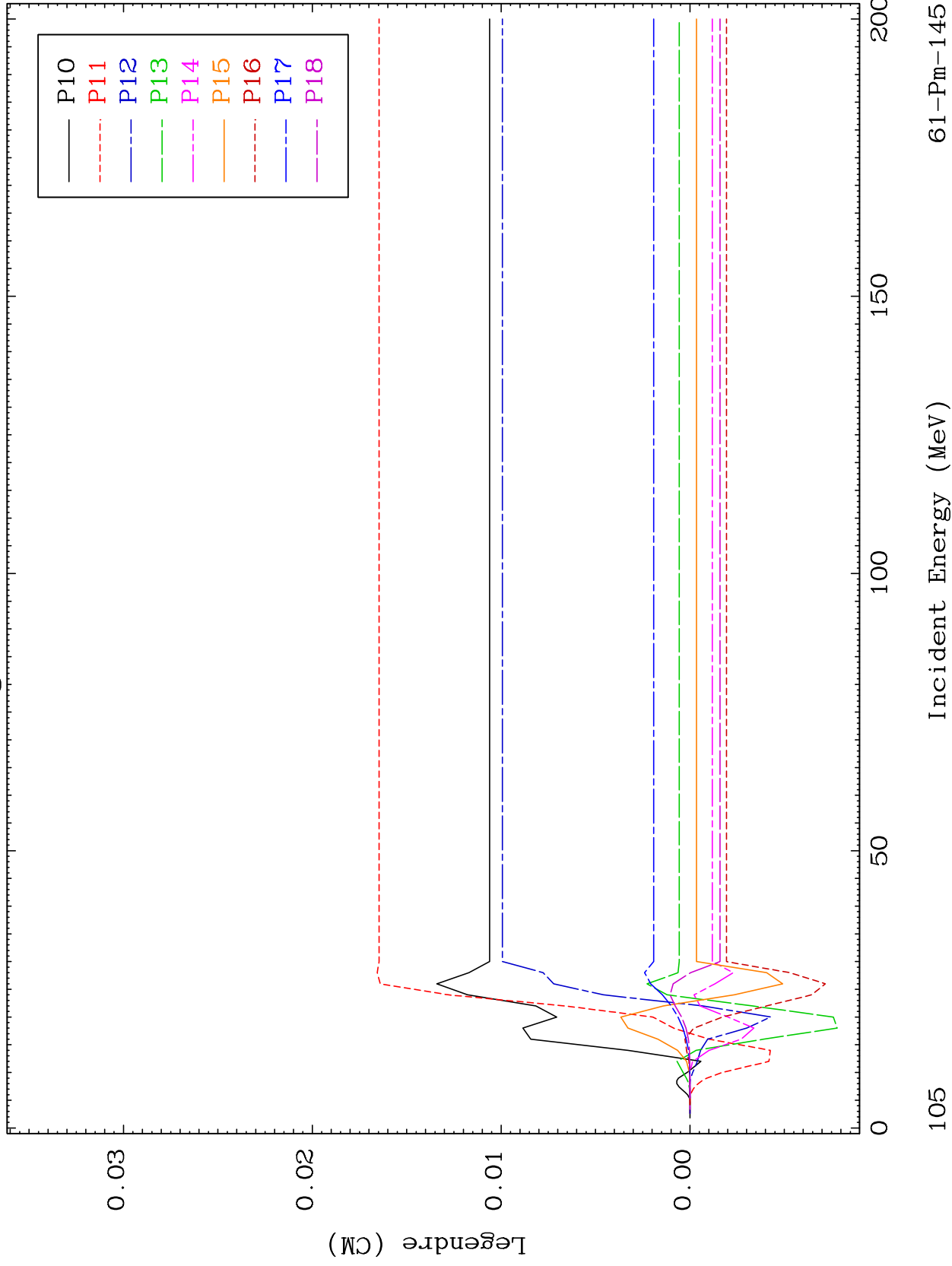
Incident Energy (MeV)

104

MAT 6143

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

61-Pm-145



61-Pm-145

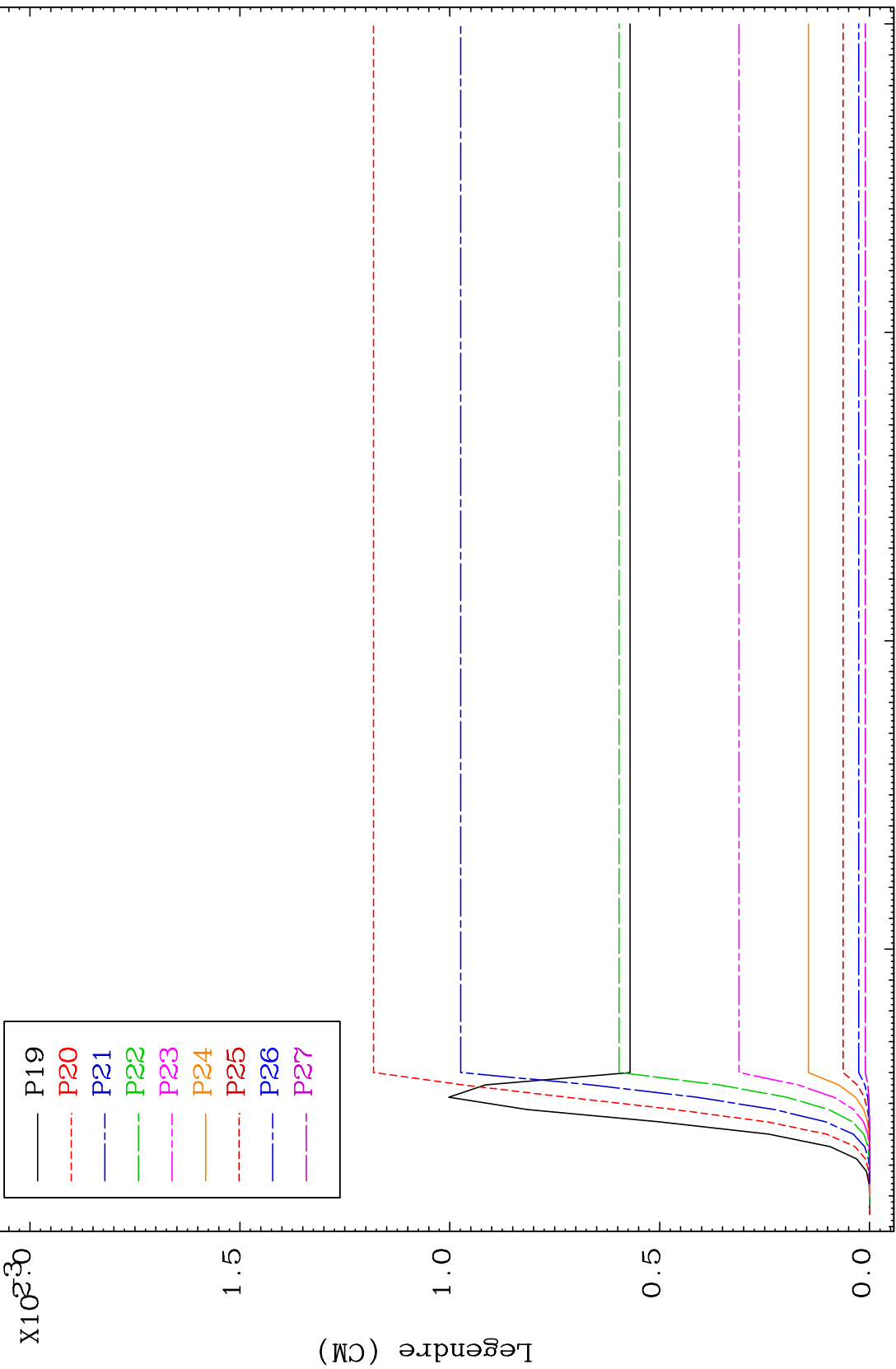
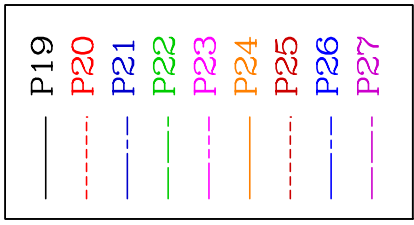
Incident Energy (MeV)

105

MAT 6143

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

61-Pm-145



106

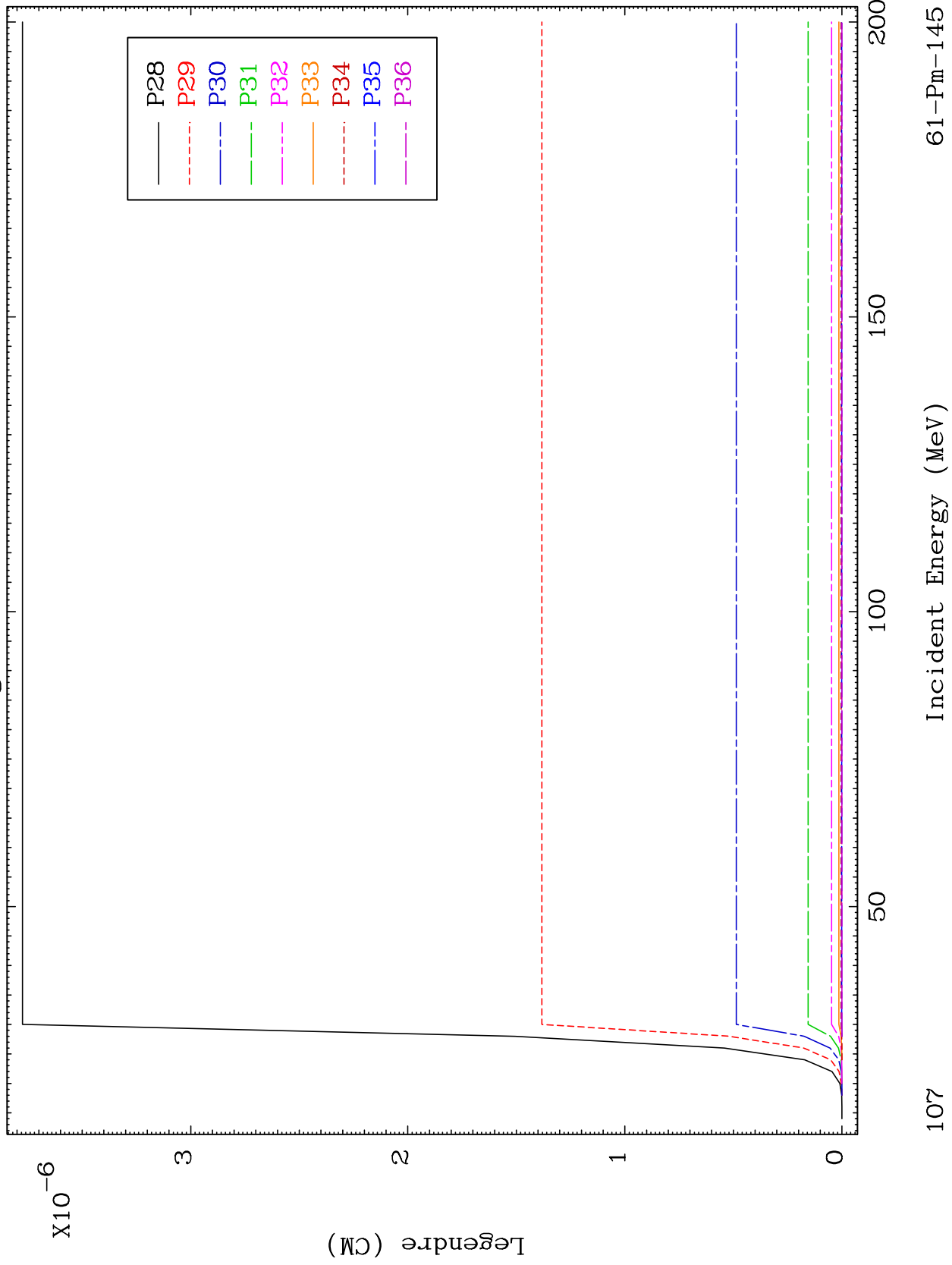
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



107

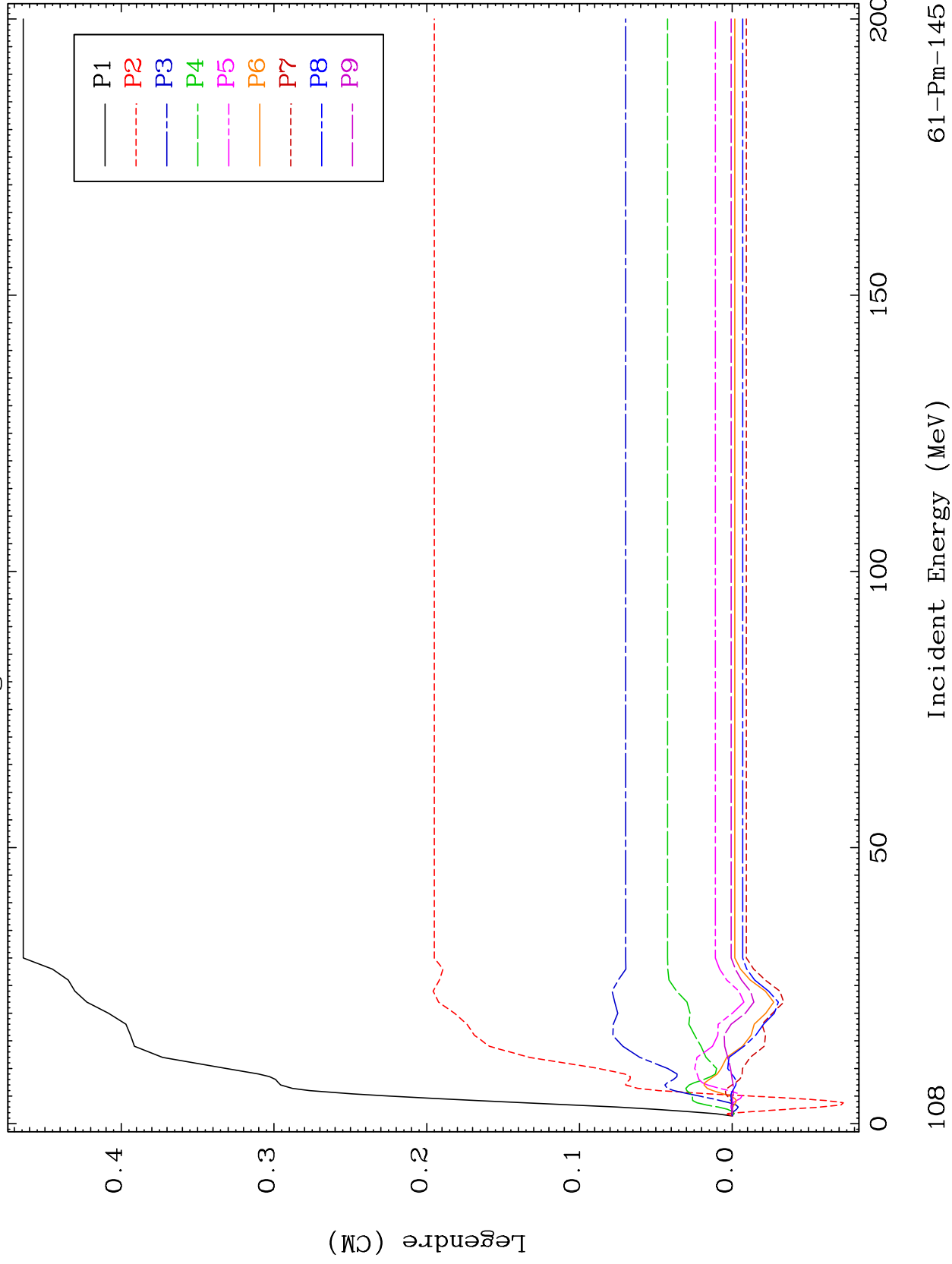
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



61-Pm-145

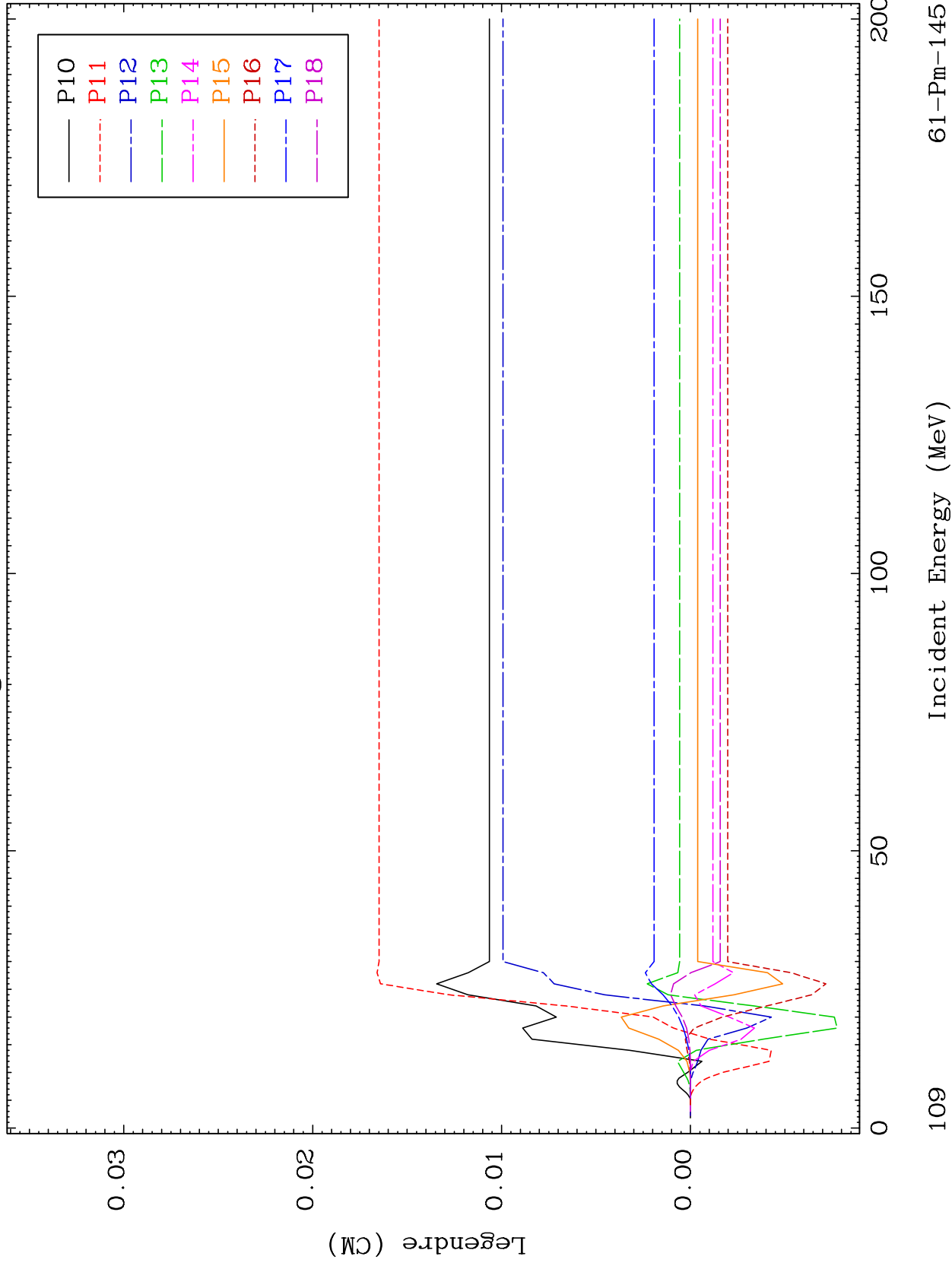
Incident Energy (MeV)

108

MAT 6143

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

61-Pm-145



61-Pm-145

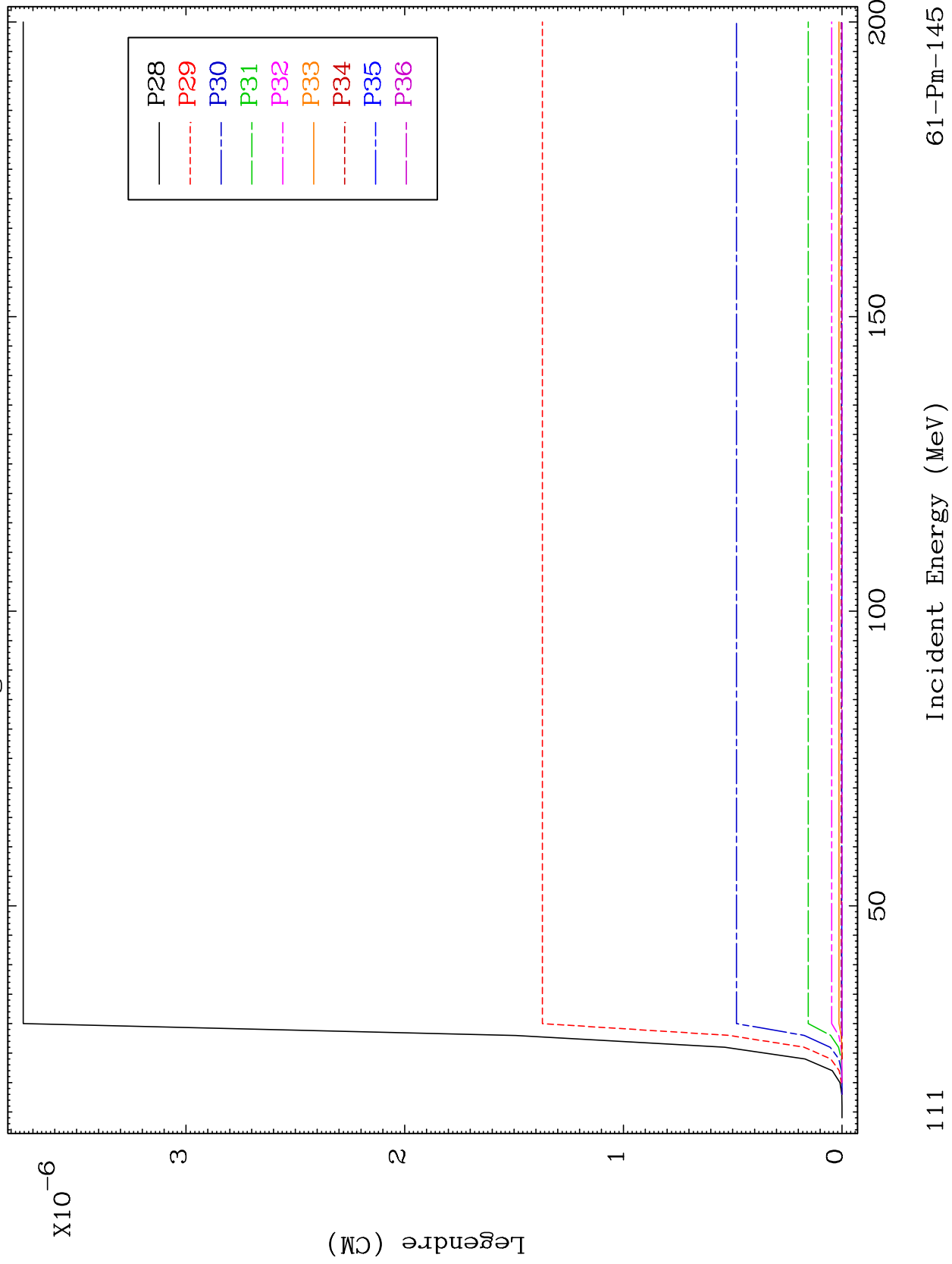
Incident Energy (MeV)

109

MAT 6143

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

61-Pm-145



111

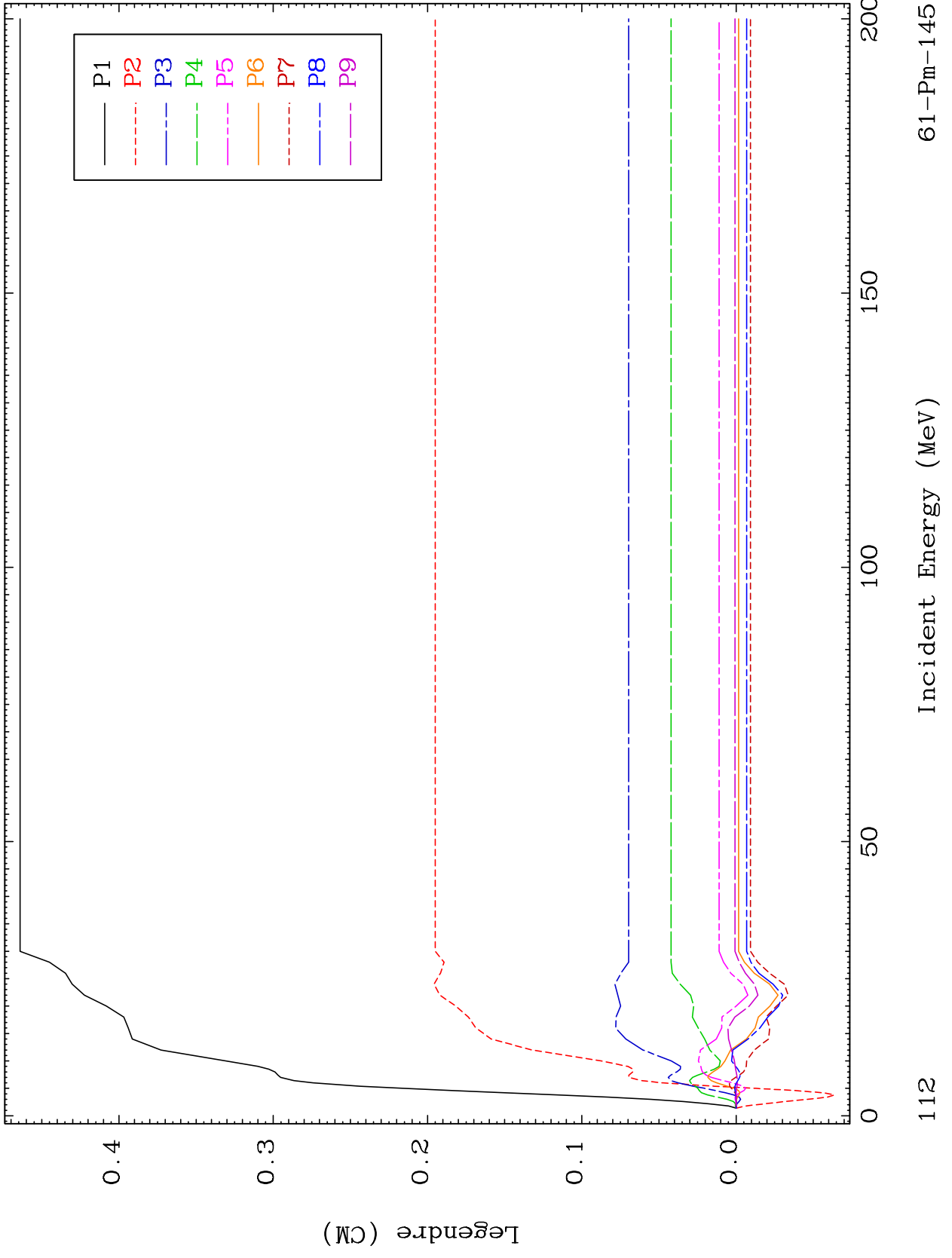
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



61-Pm-145

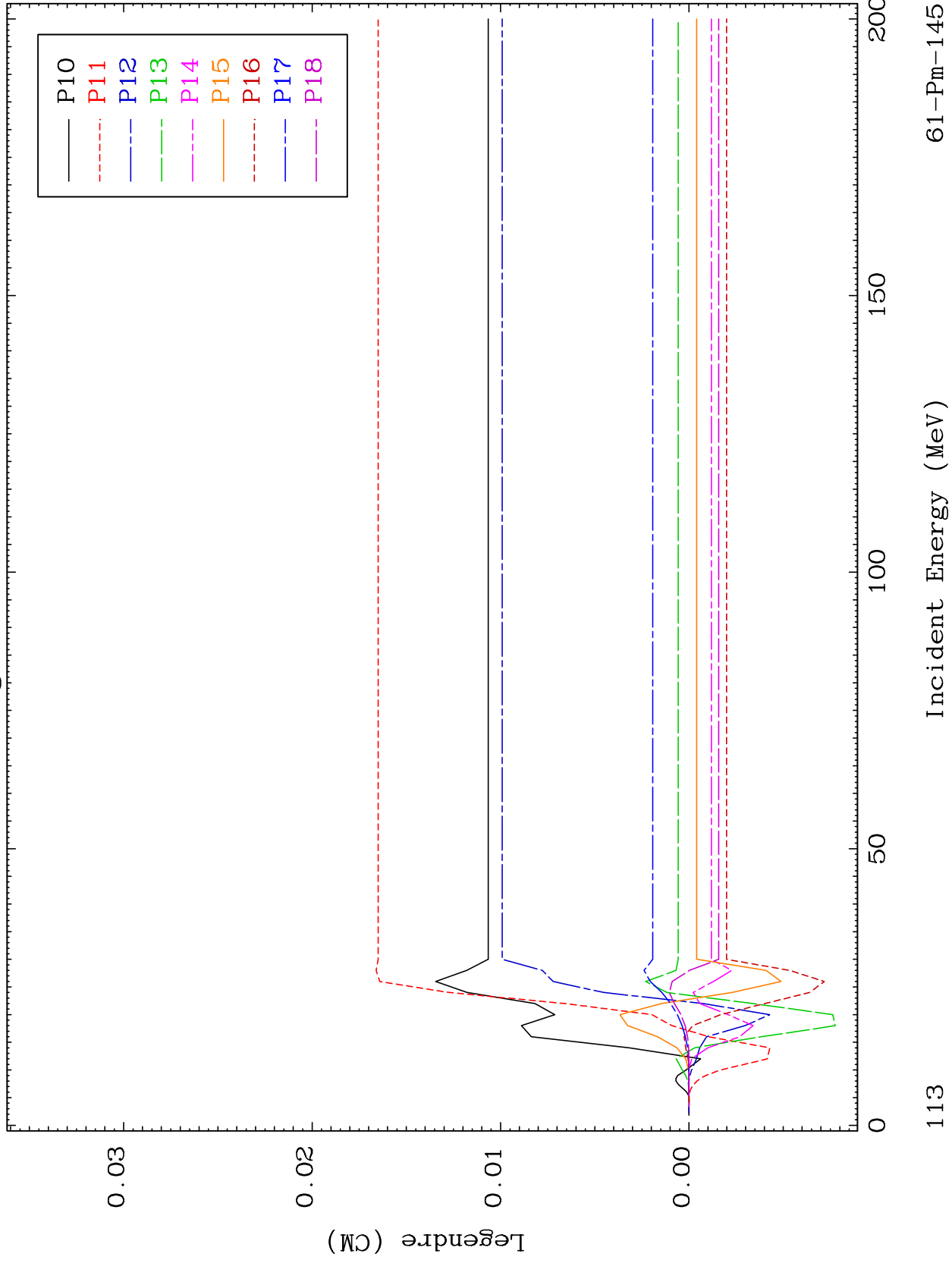
Incident Energy (MeV)

112

MAT 6143

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

61-Pm-145



61-Pm-145

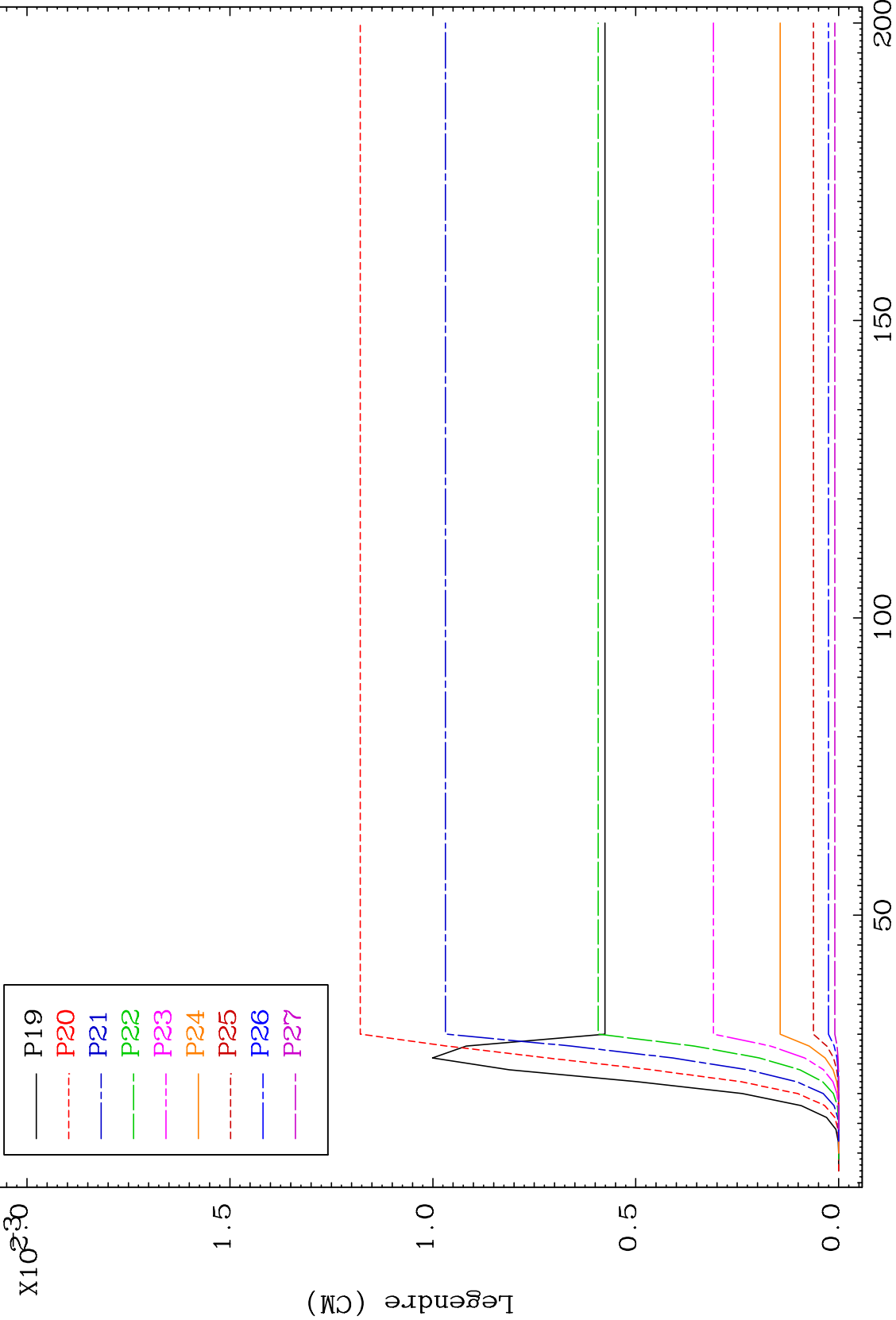
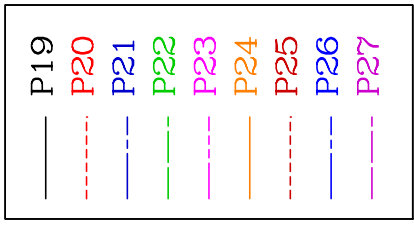
Incident Energy (MeV)

113

MAT 6143

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

61-Pm-145



114

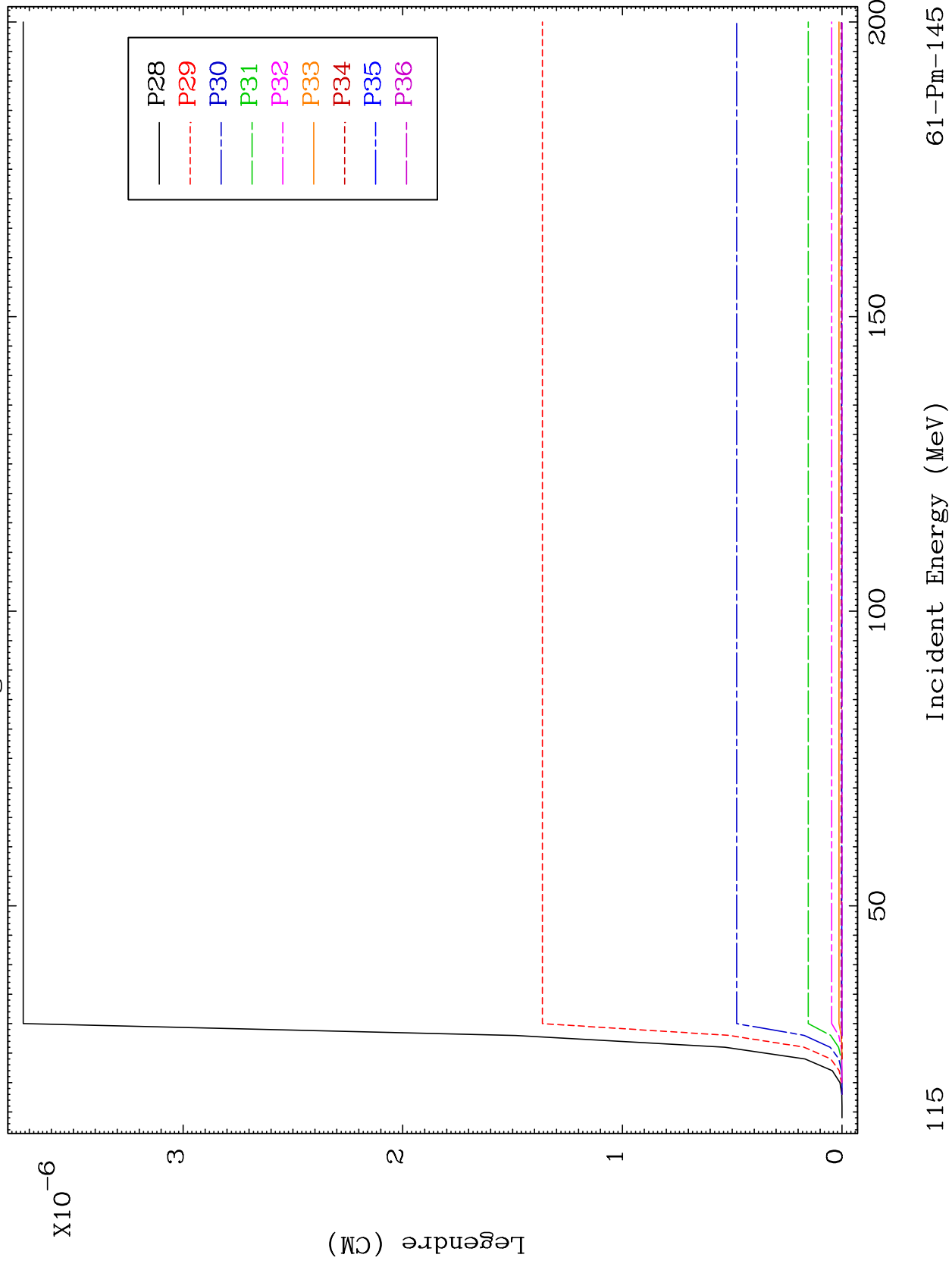
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

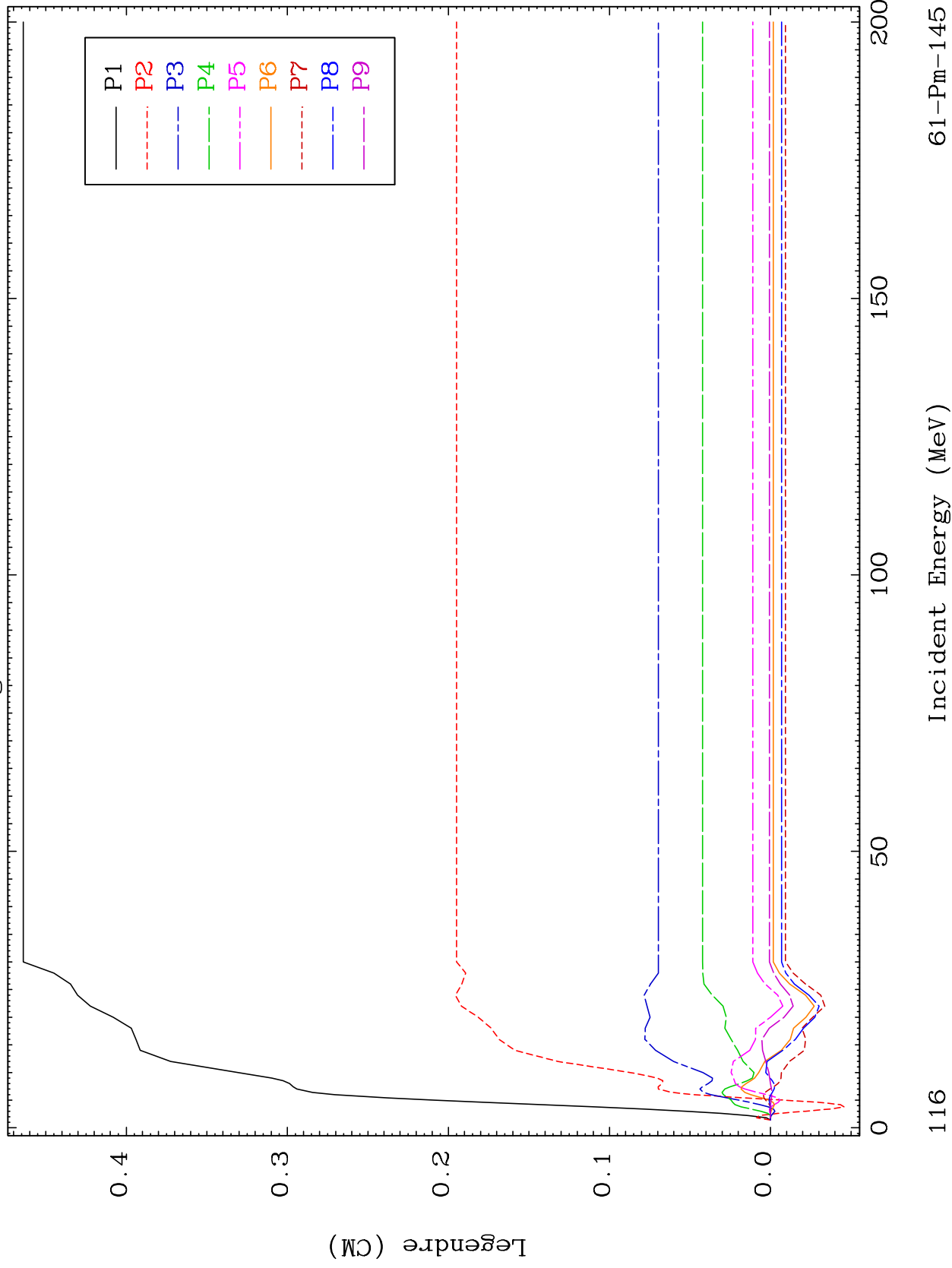
61-Pm-145



MAT 6143

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

61-Pm-145

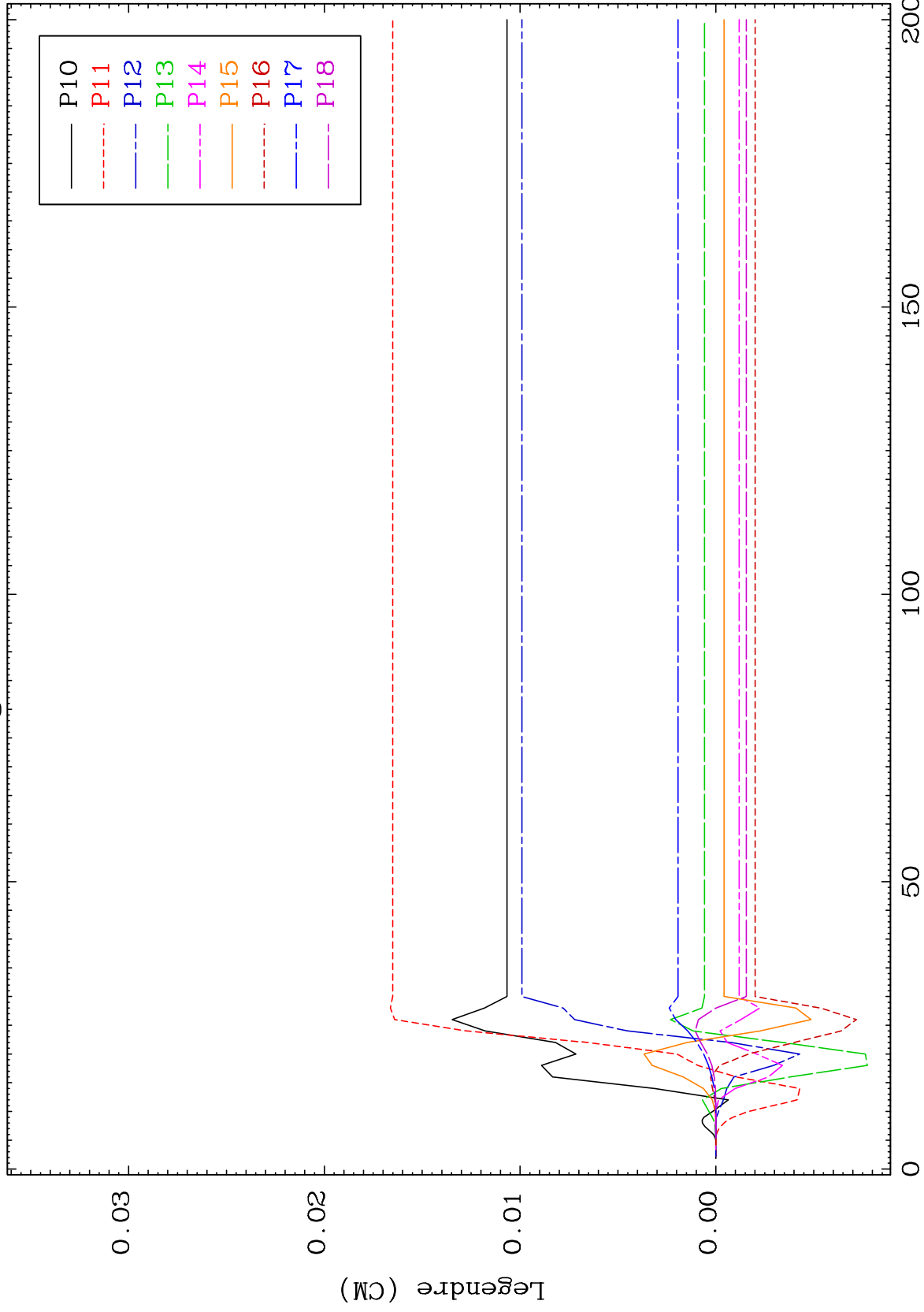


116

MAT 6143

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

61-Pm-145



117

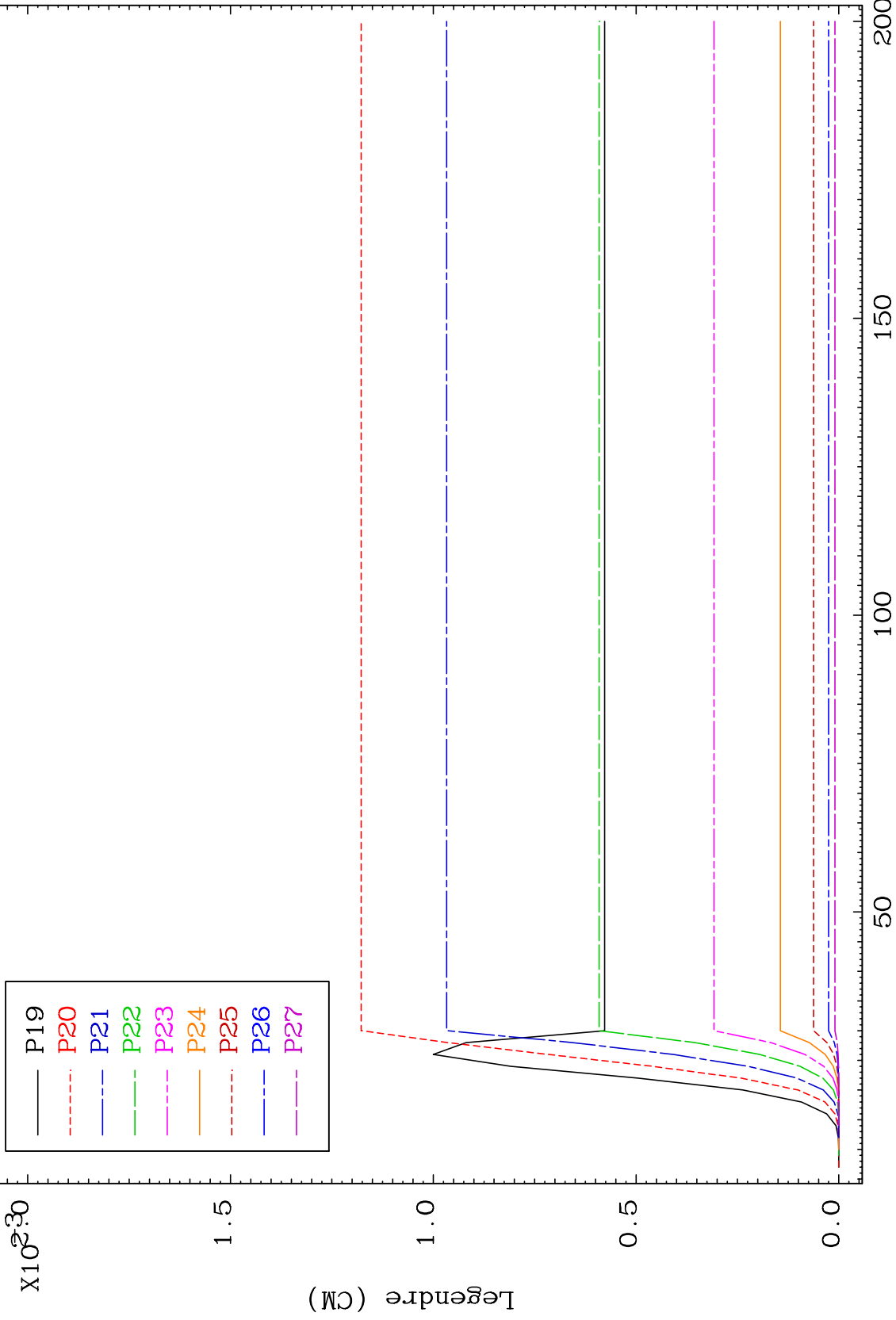
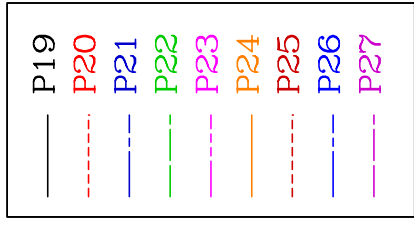
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



118

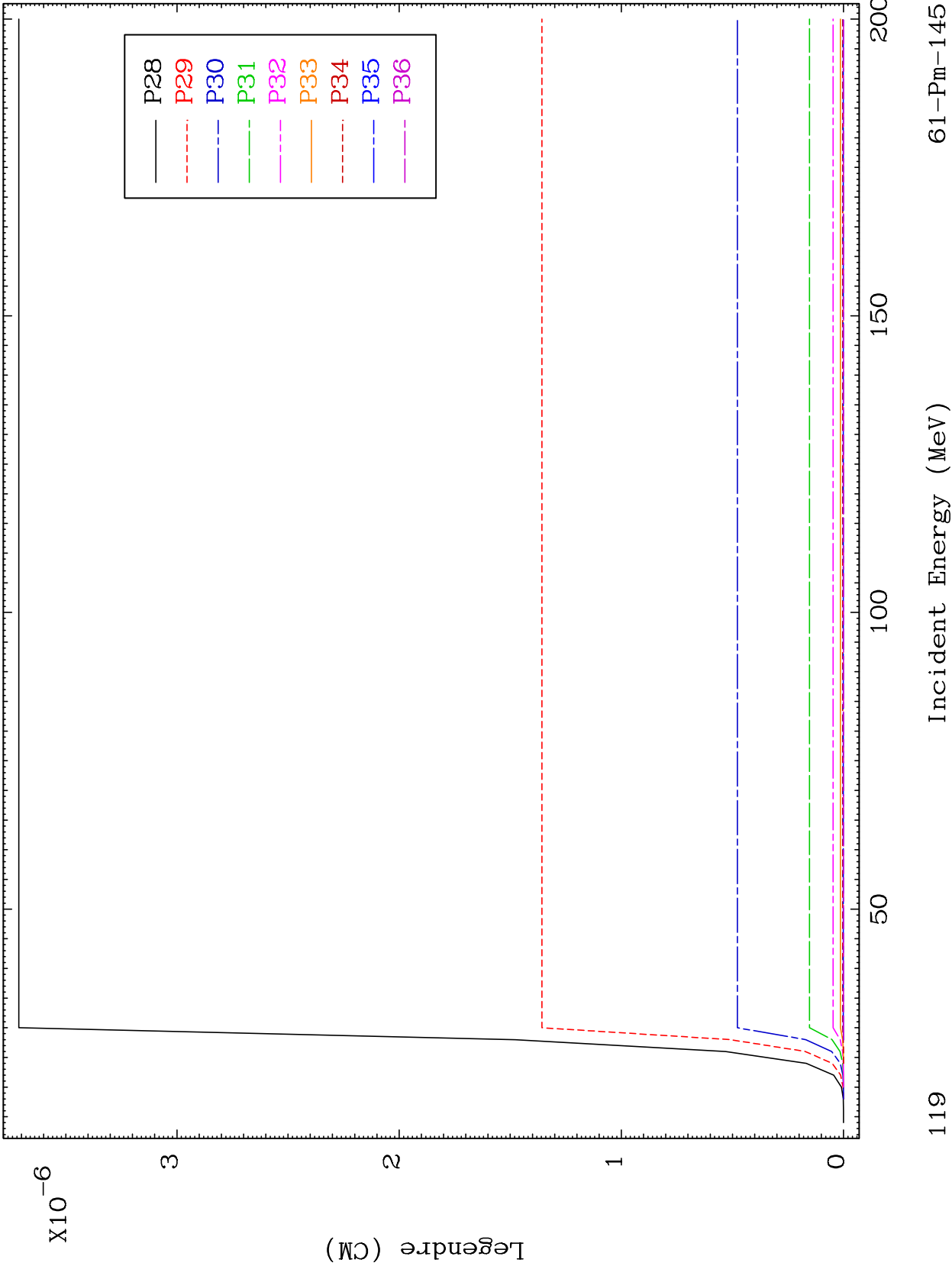
Incident Energy (MeV)

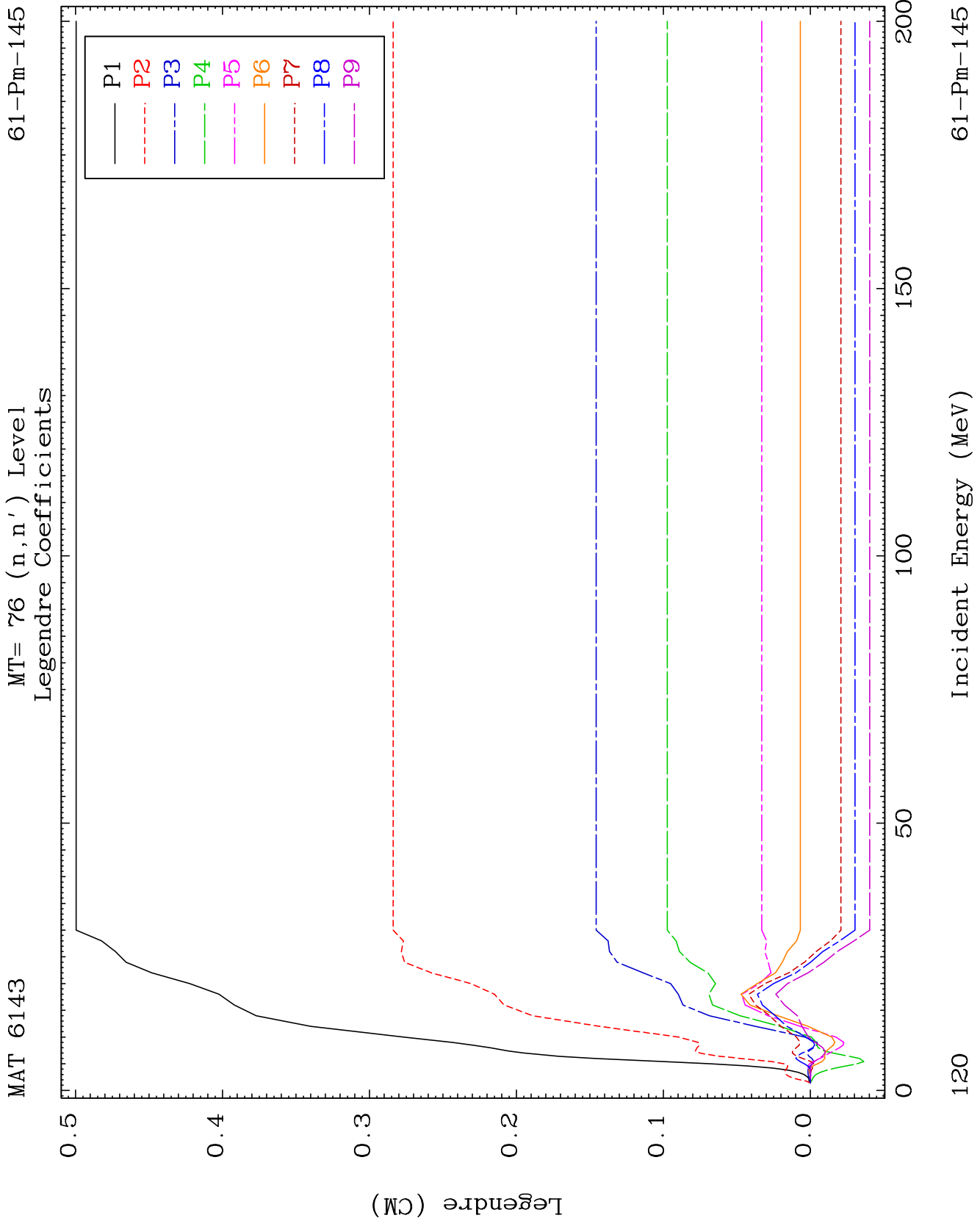
61-Pm-145

MAT 6143

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

61-Pm-145

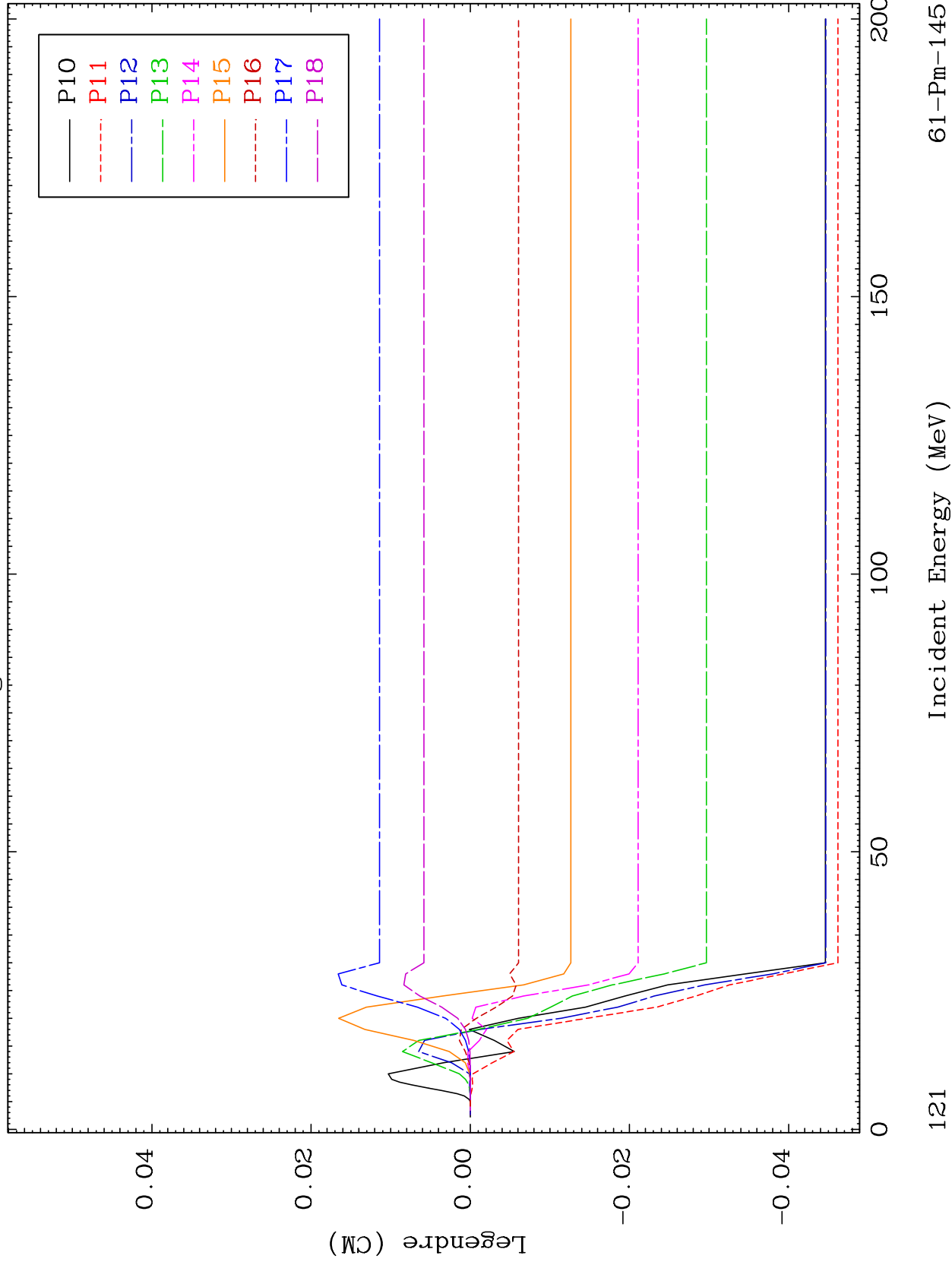




MAT 6143

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

61-Pm-145



121

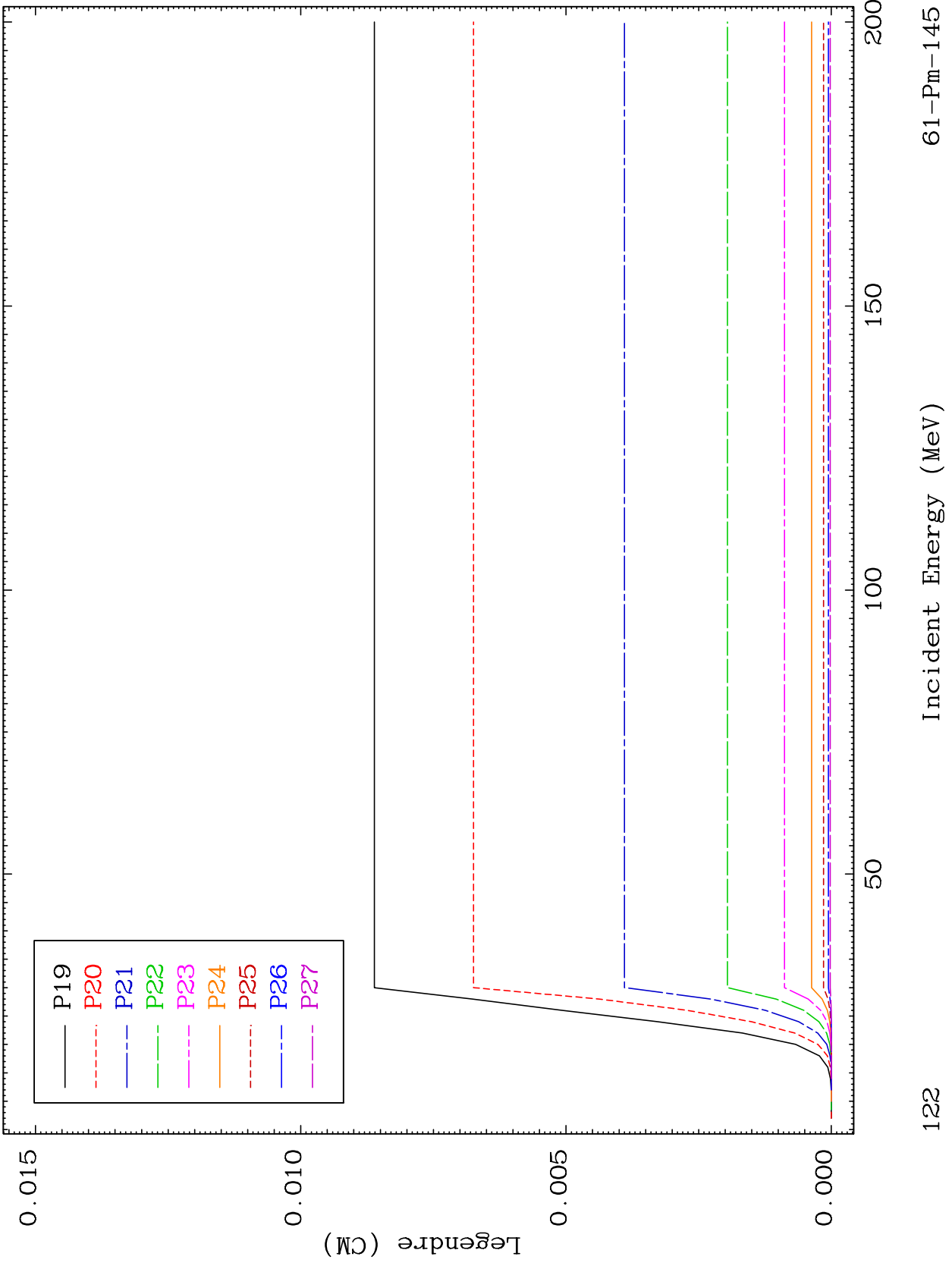
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



122

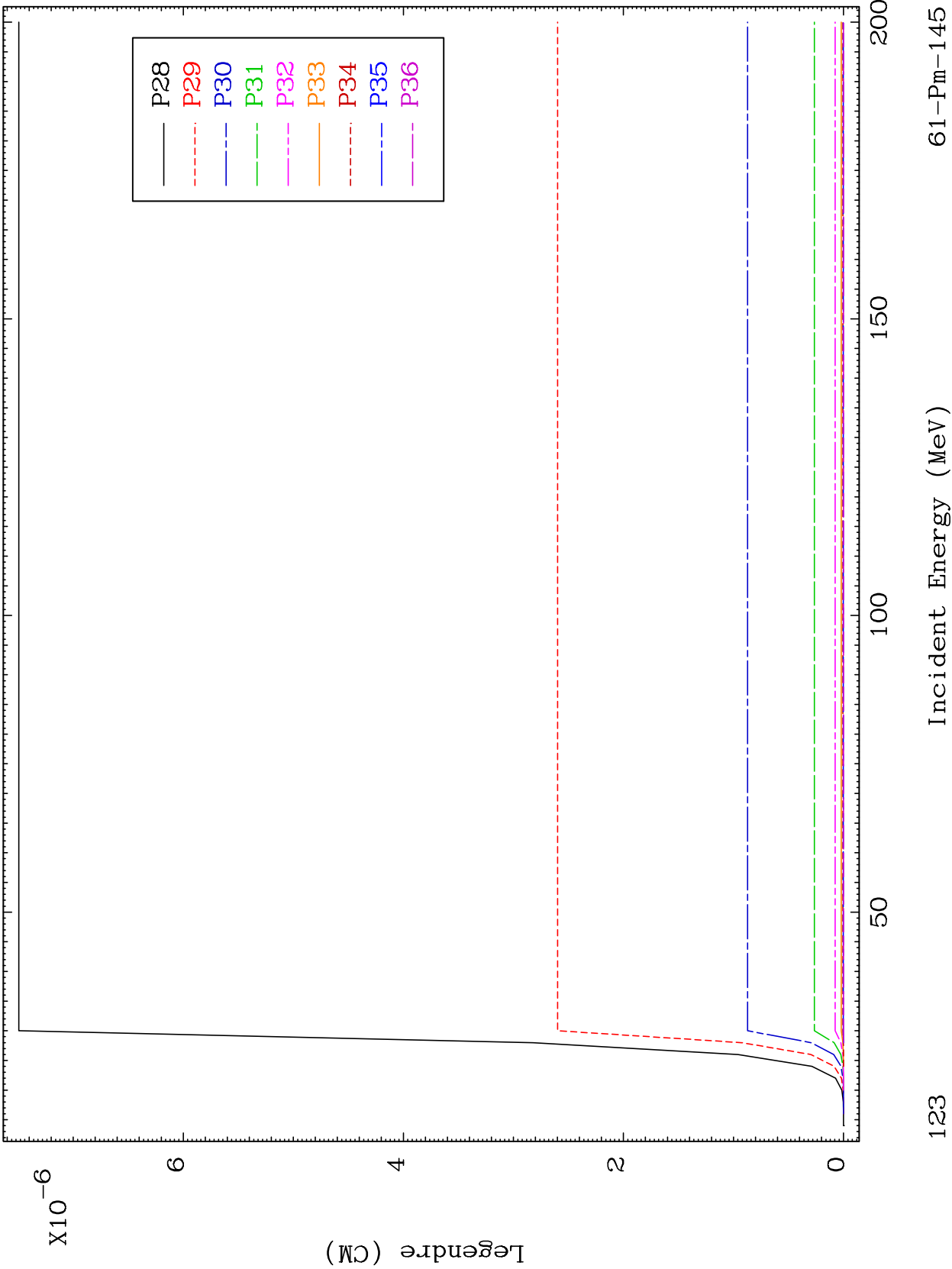
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145

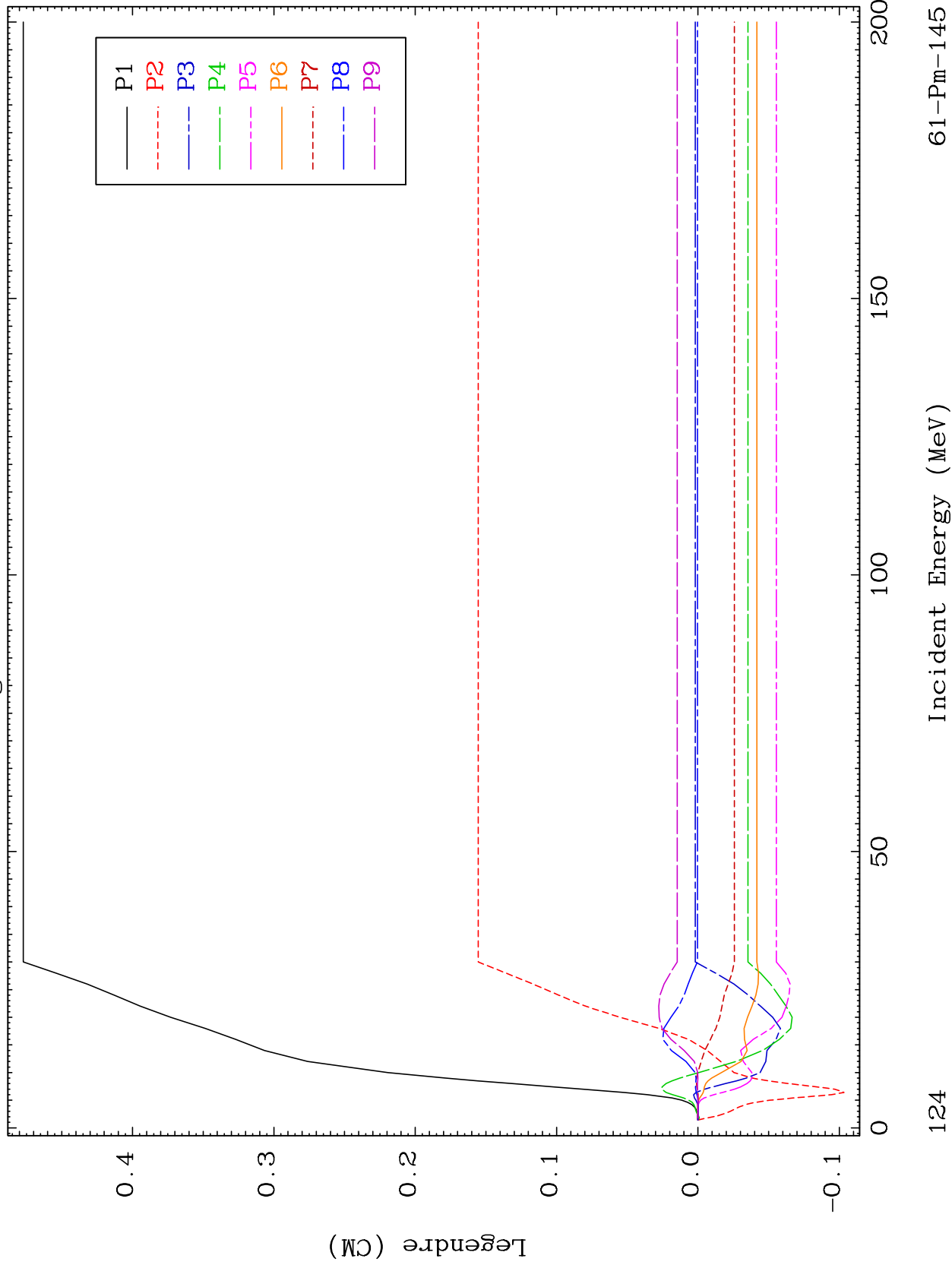


123

MAT 6143

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

61-Pm-145



61-Pm-145

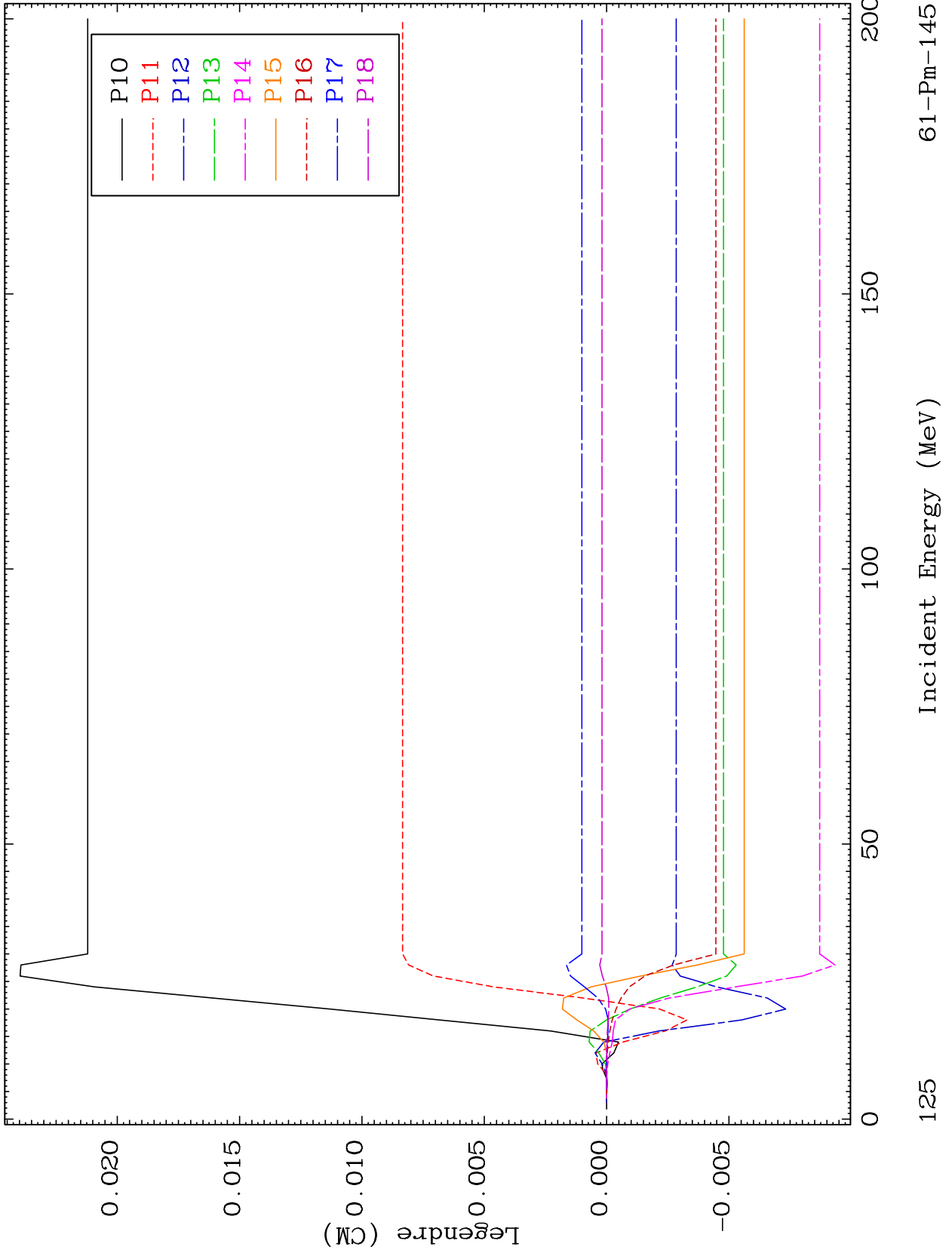
Incident Energy (MeV)

124

MAT 6143

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

61-Pm-145



61-Pm-145

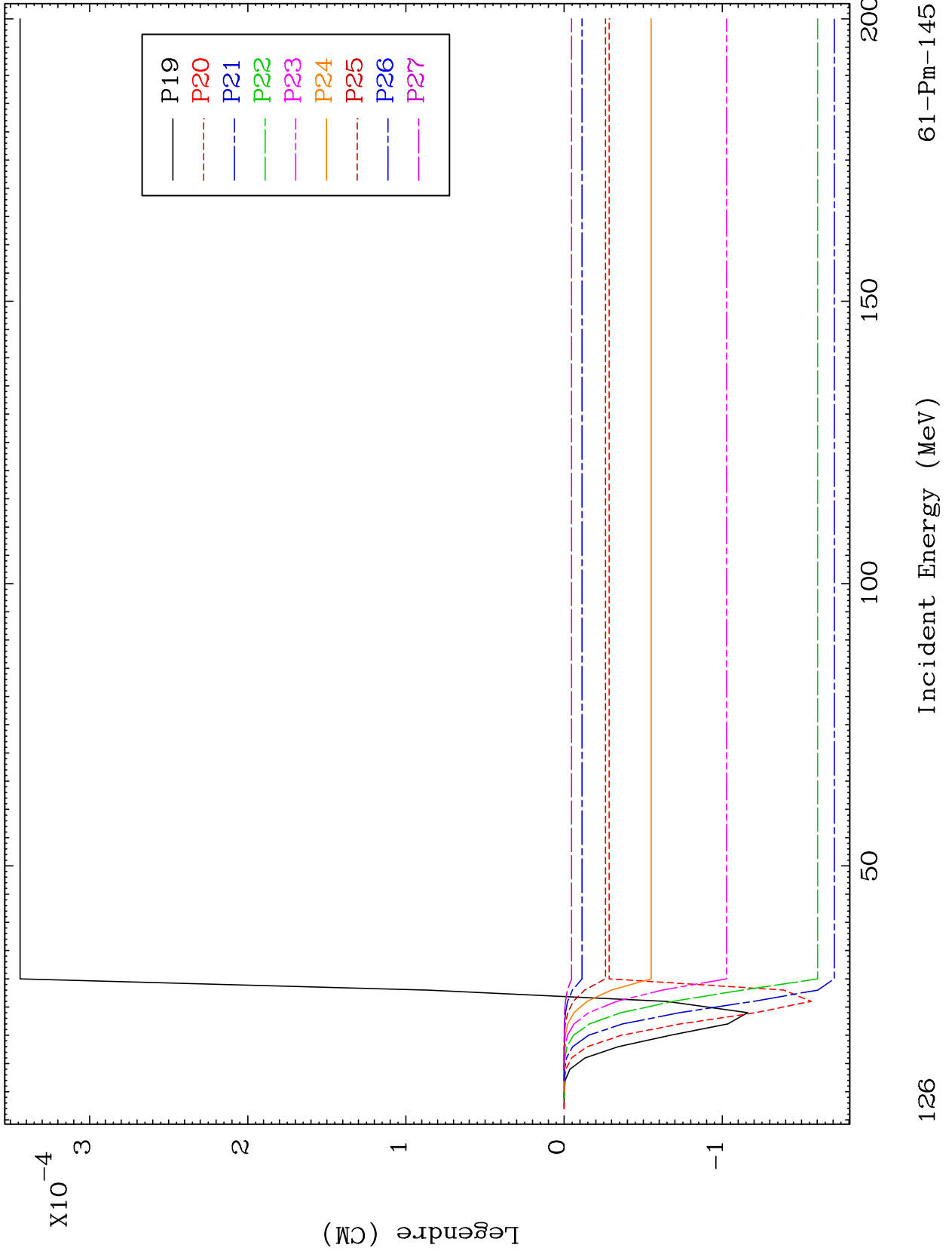
Incident Energy (MeV)

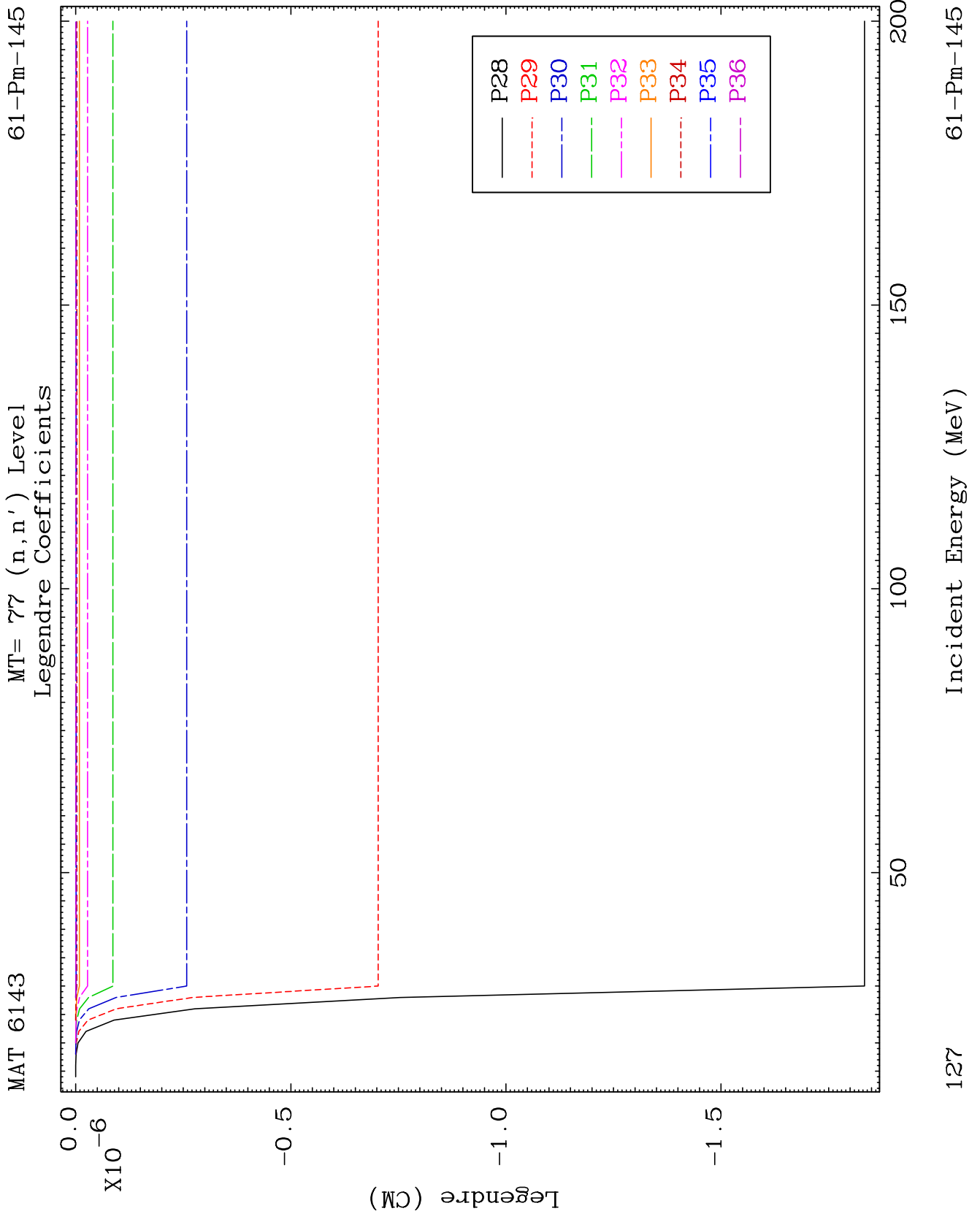
125

MAT 6143

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

61-Pm-145

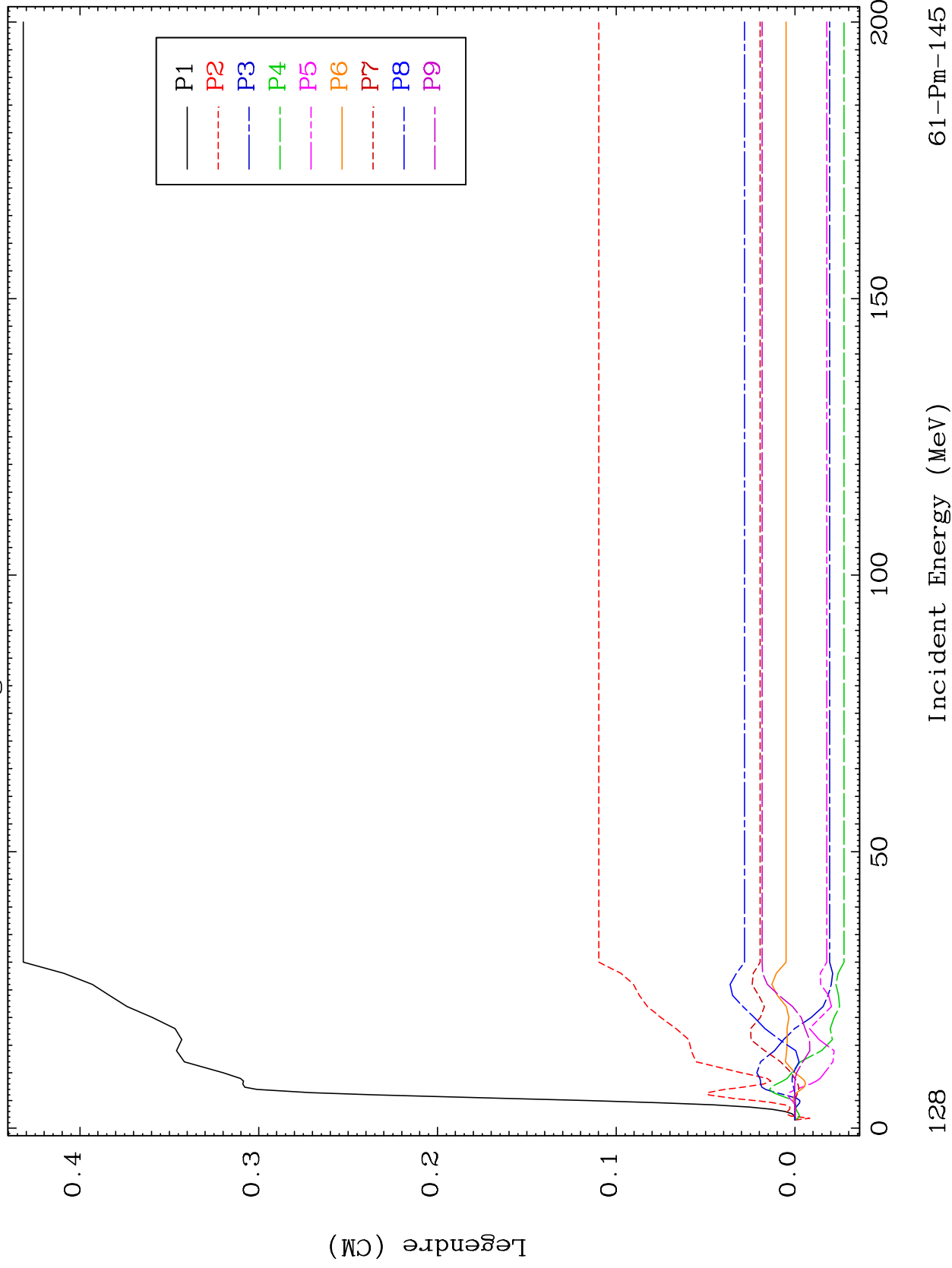




MAT 6143

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

61-Pm-145



61-Pm-145

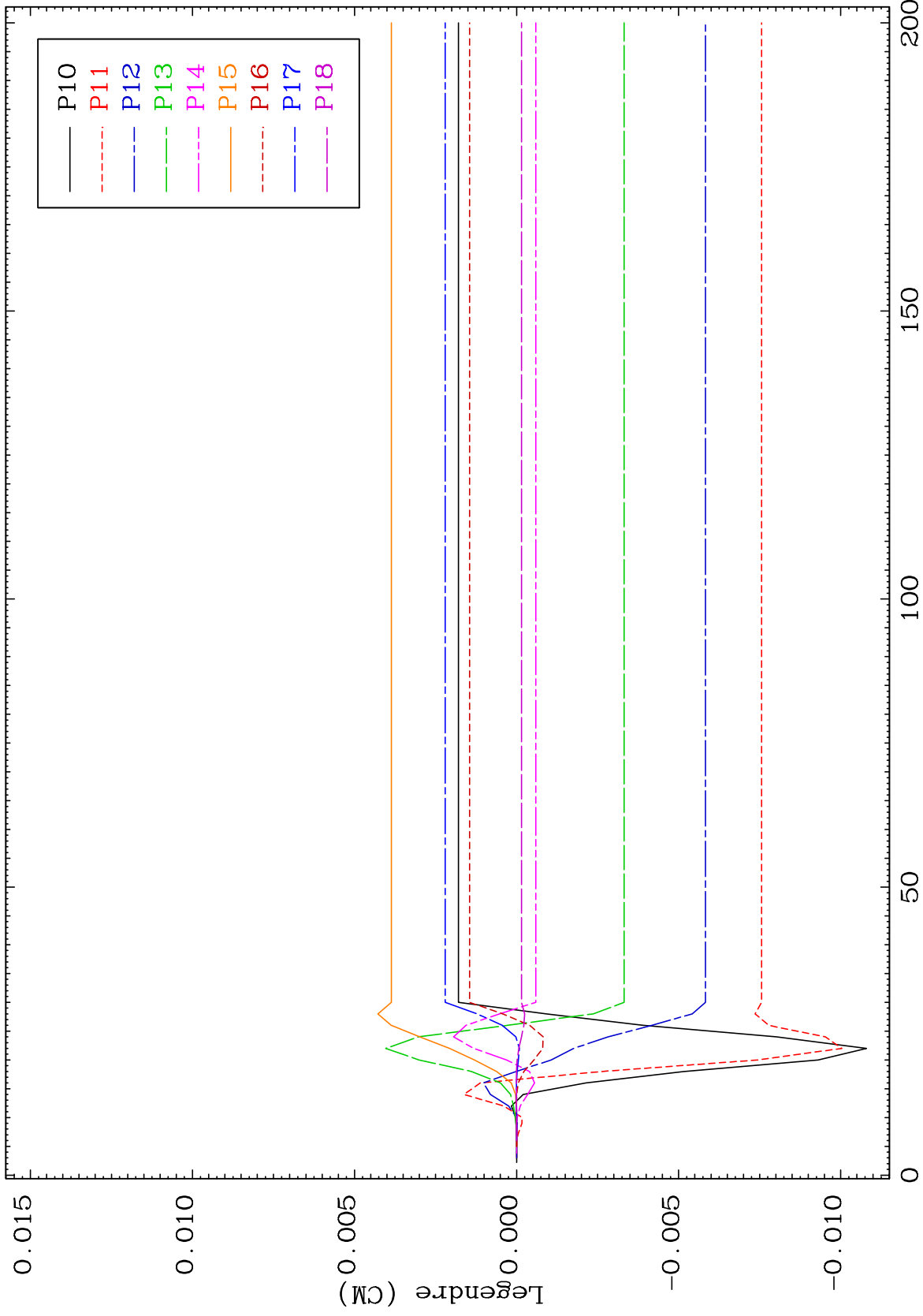
Incident Energy (MeV)

128

MAT 6143

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

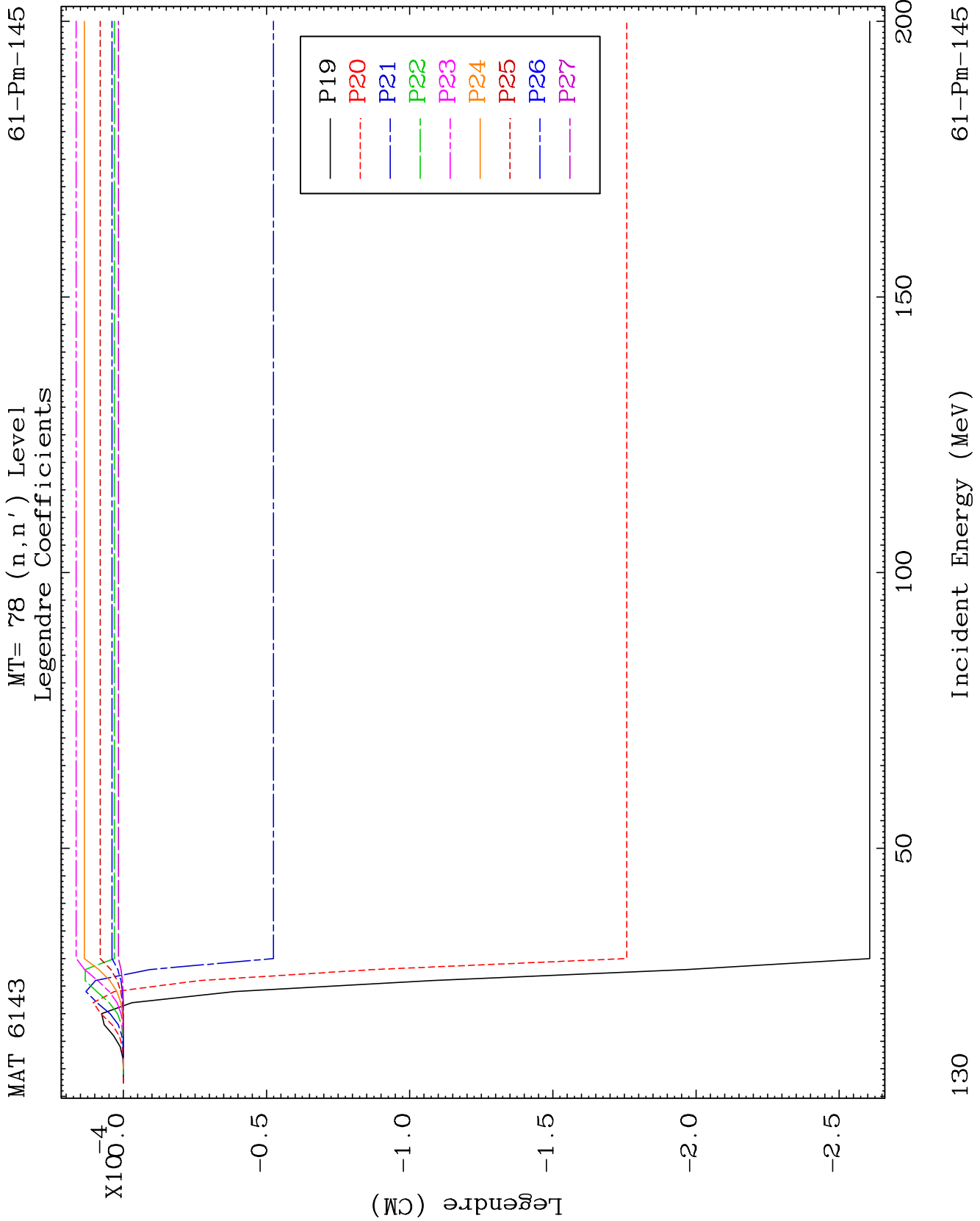
61-Pm-145



129

Incident Energy (MeV)

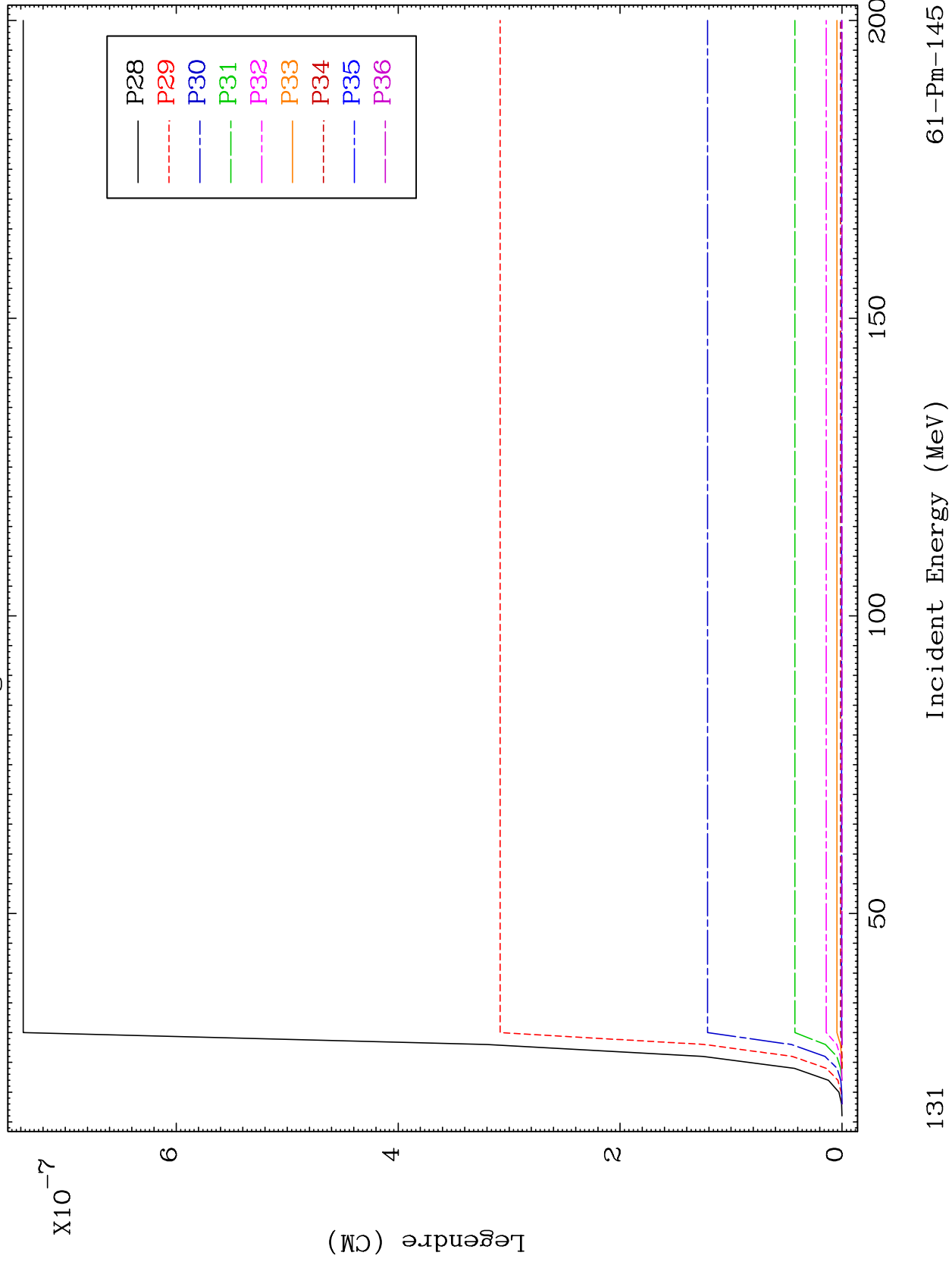
61-Pm-145



MAT 6143

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

61-Pm-145



131

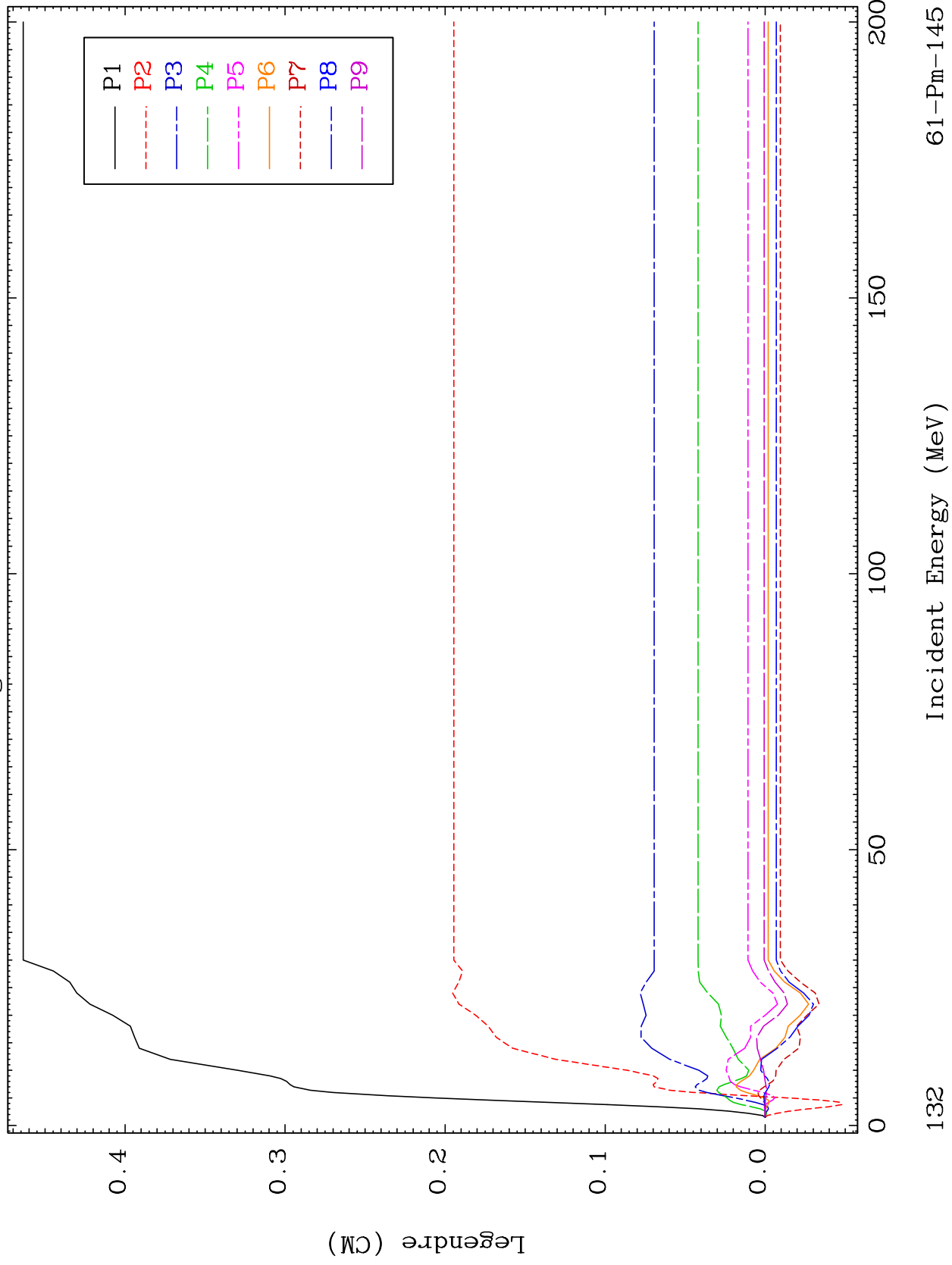
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

61-Pm-145



61-Pm-145

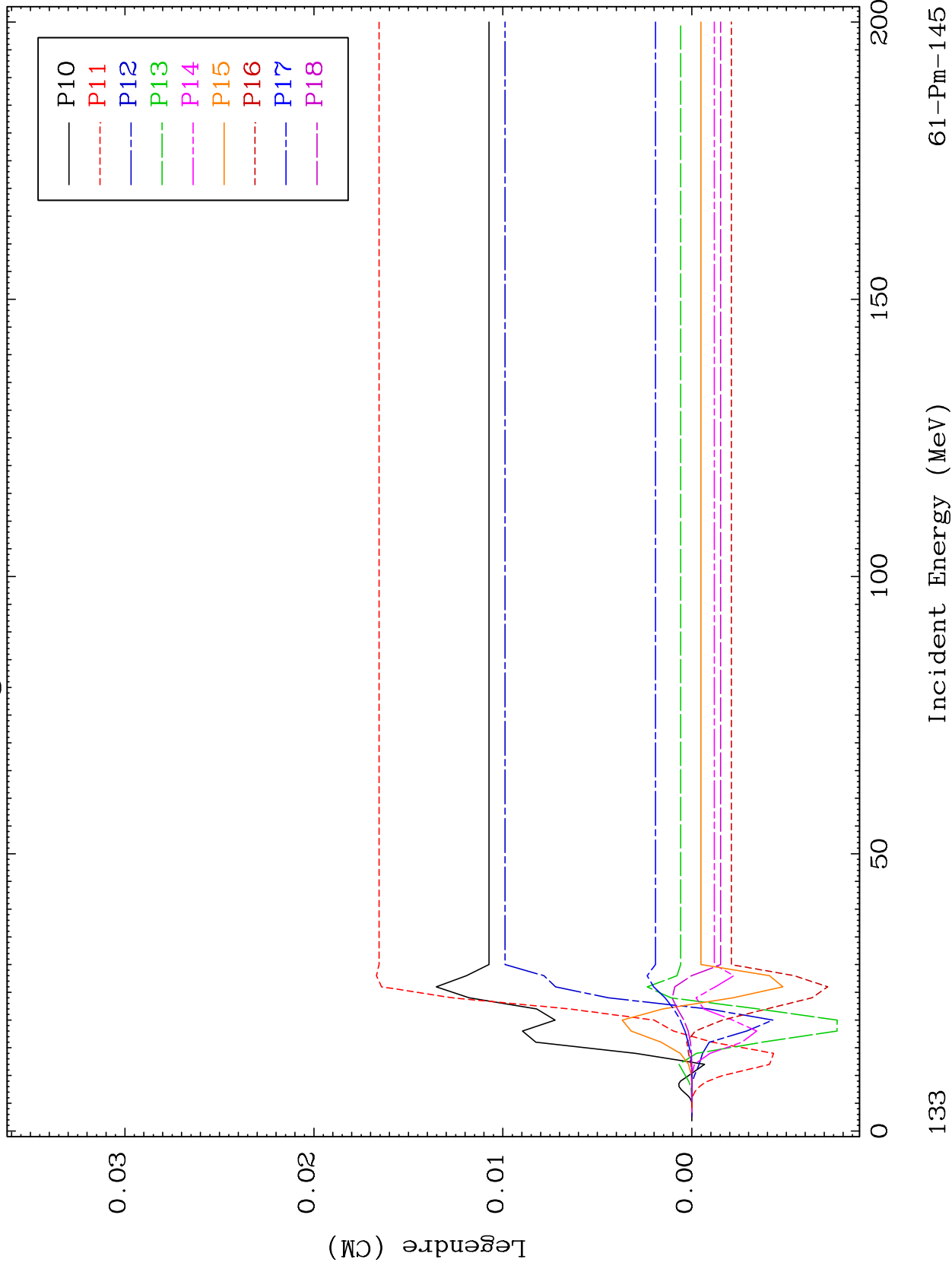
Incident Energy (MeV)

132

MAT 6143

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

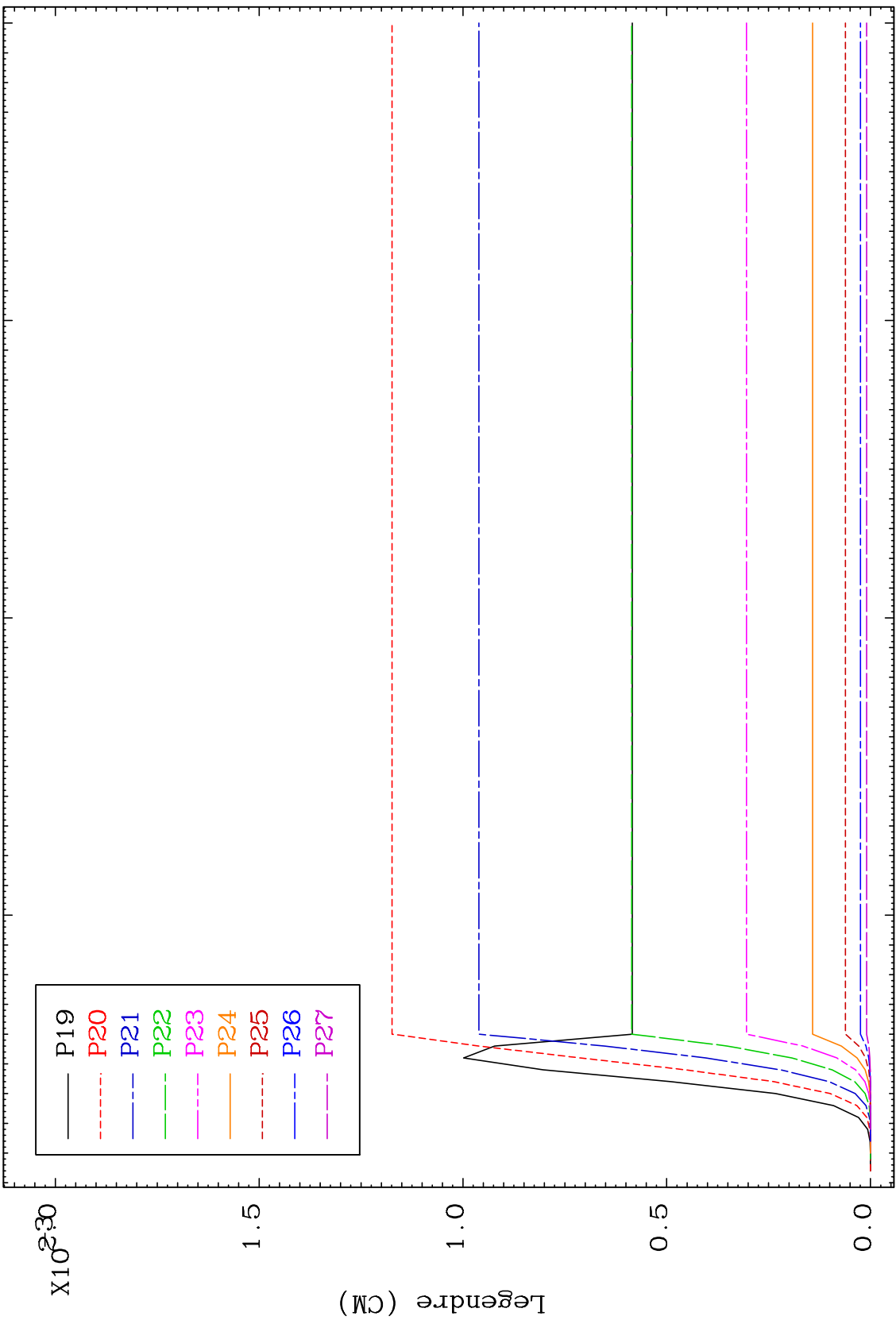
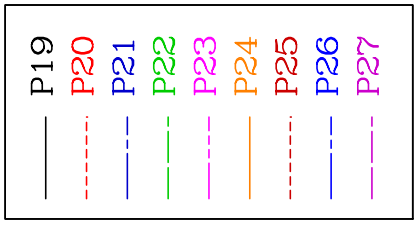
61-Pm-145



MAT 6143

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

61-Pm-145



134

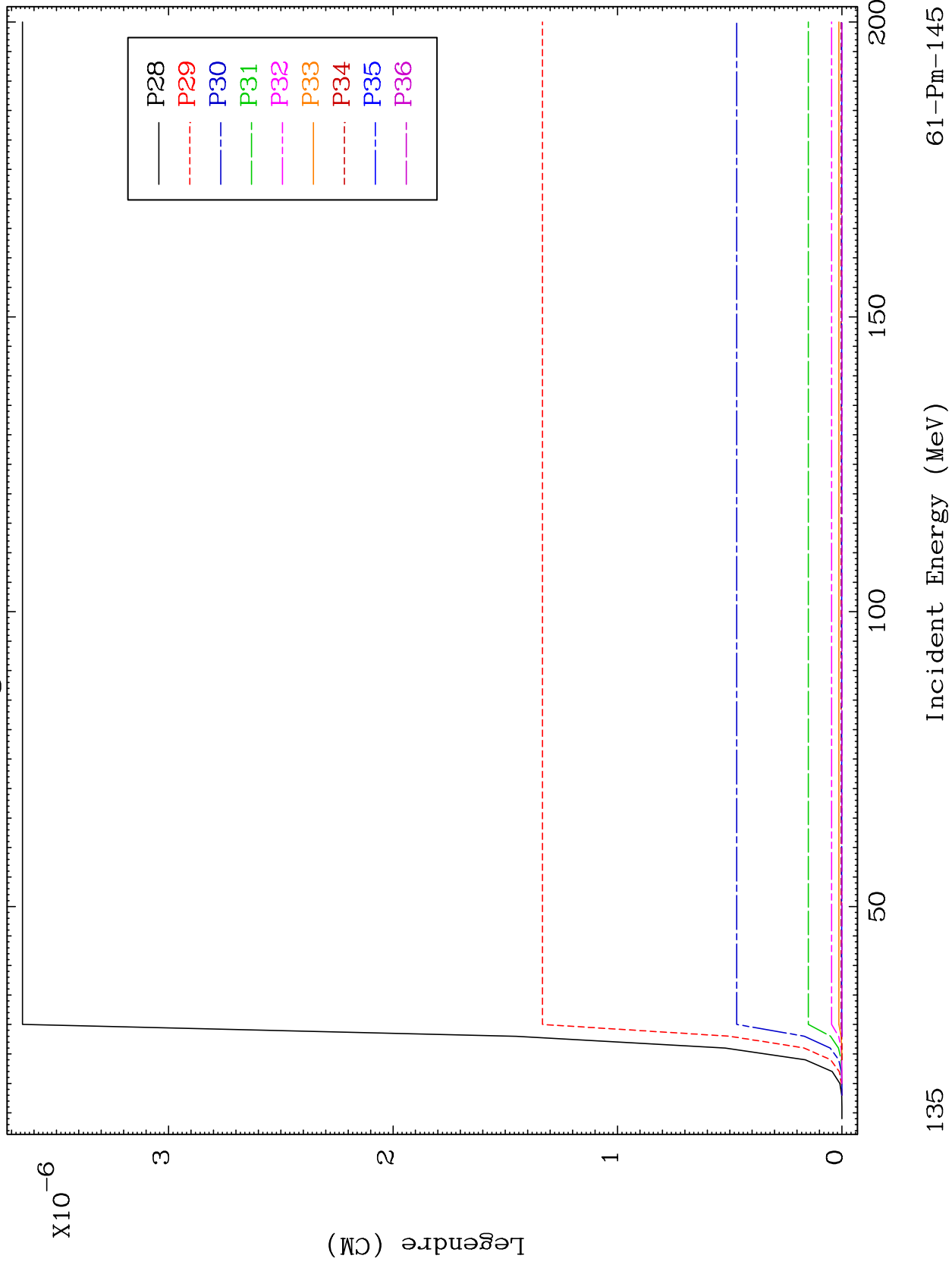
Incident Energy (MeV)

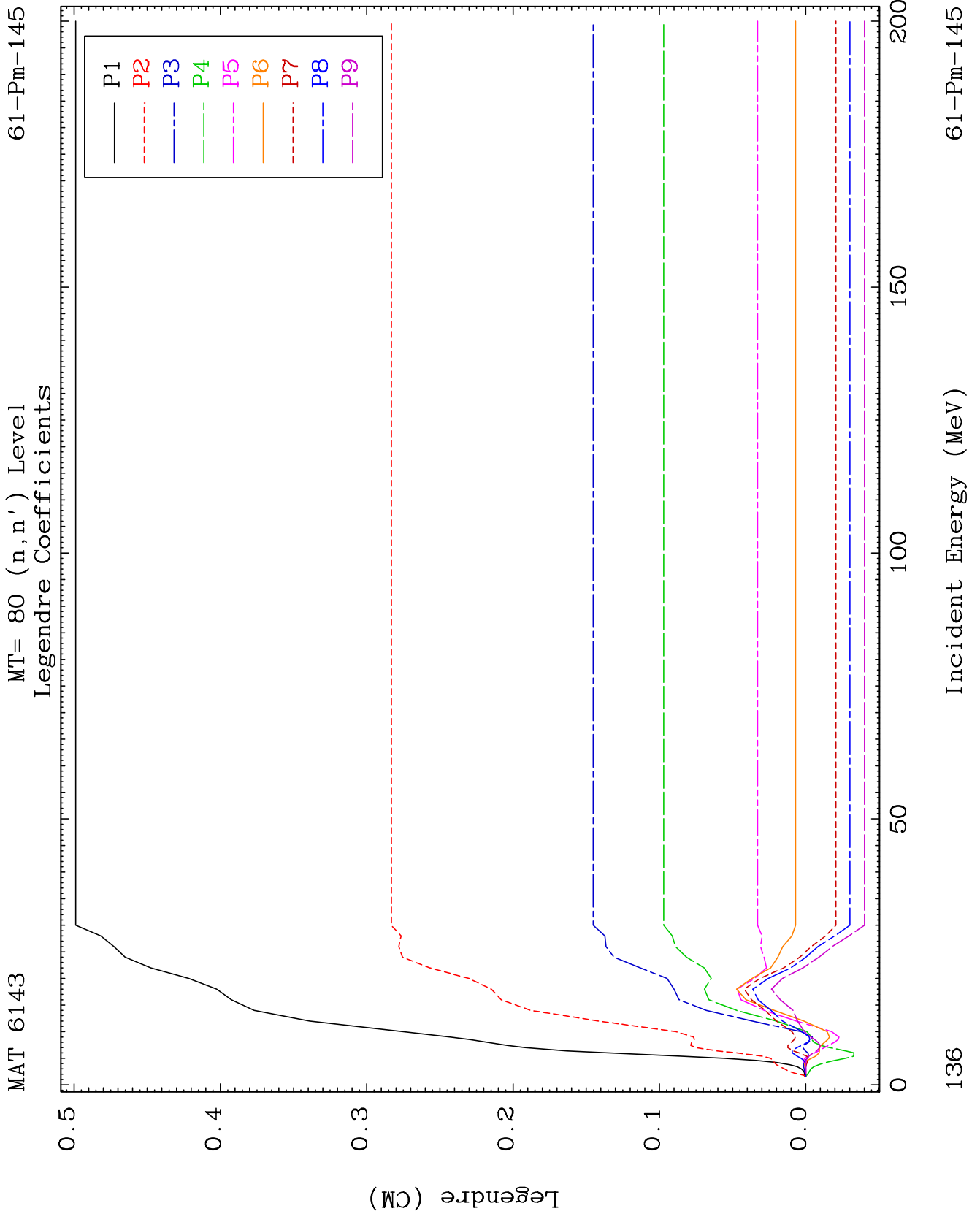
61-Pm-145

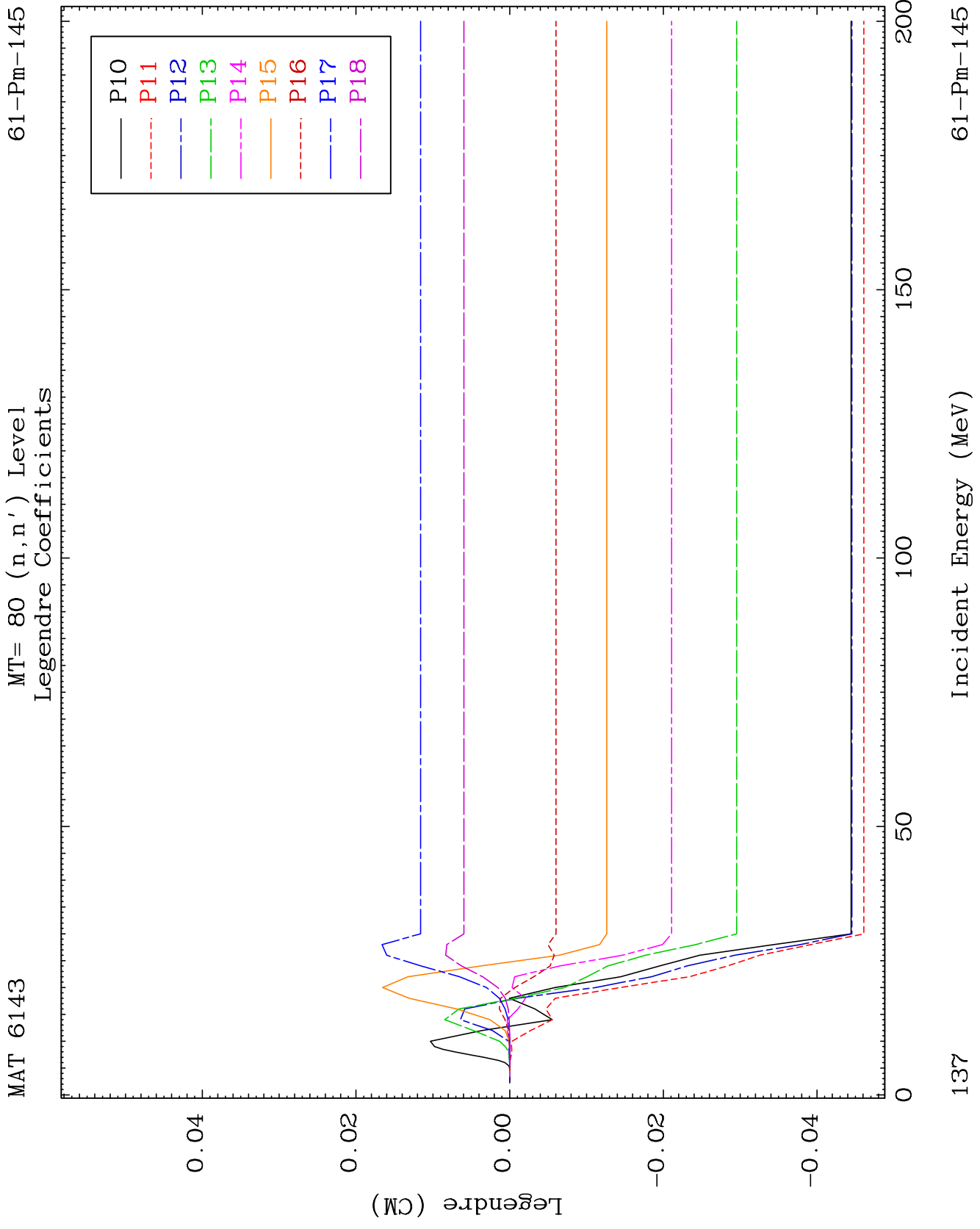
MAT 6143

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

61-Pm-145



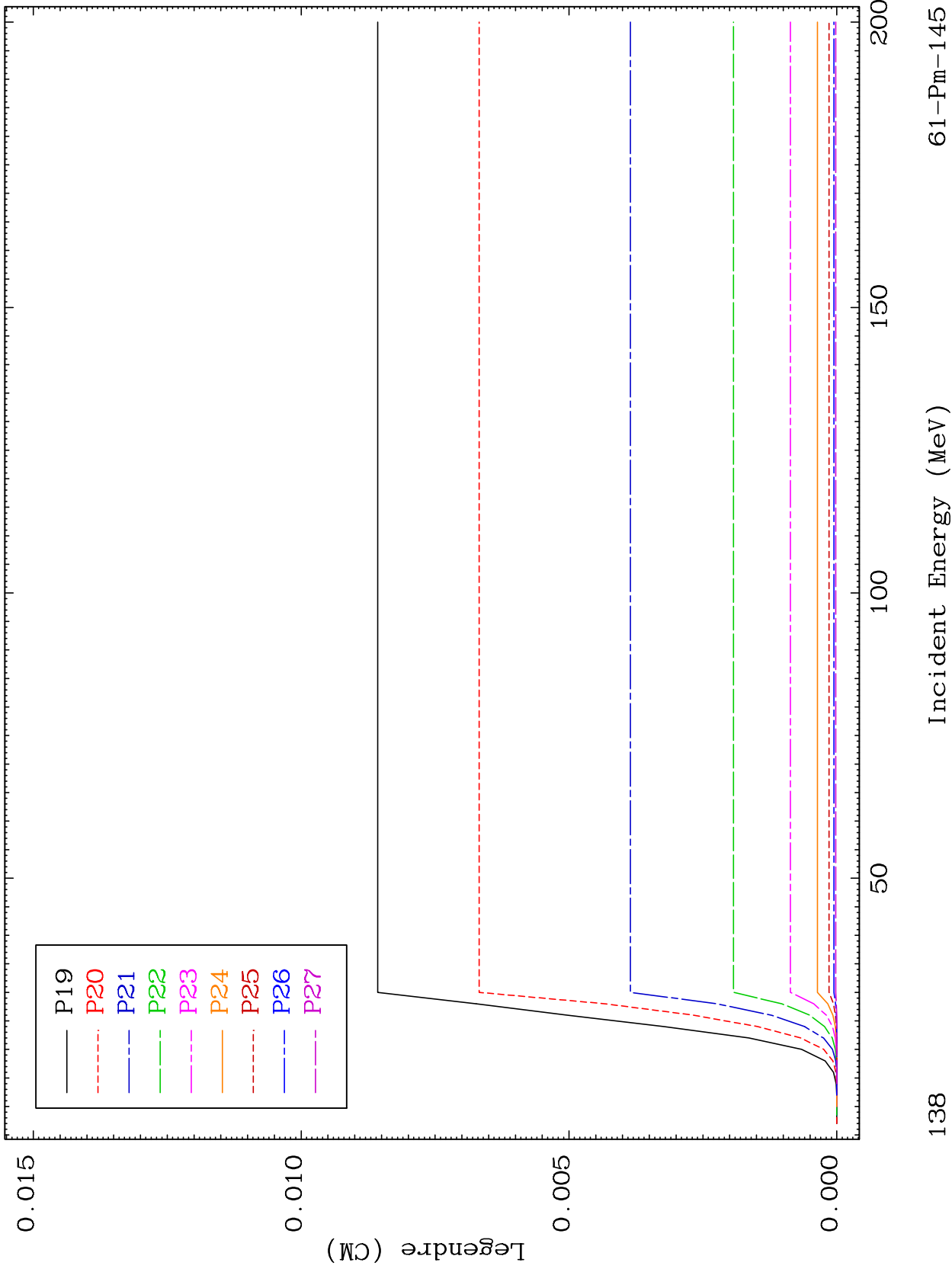




MAT 6143

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

61-Pm-145



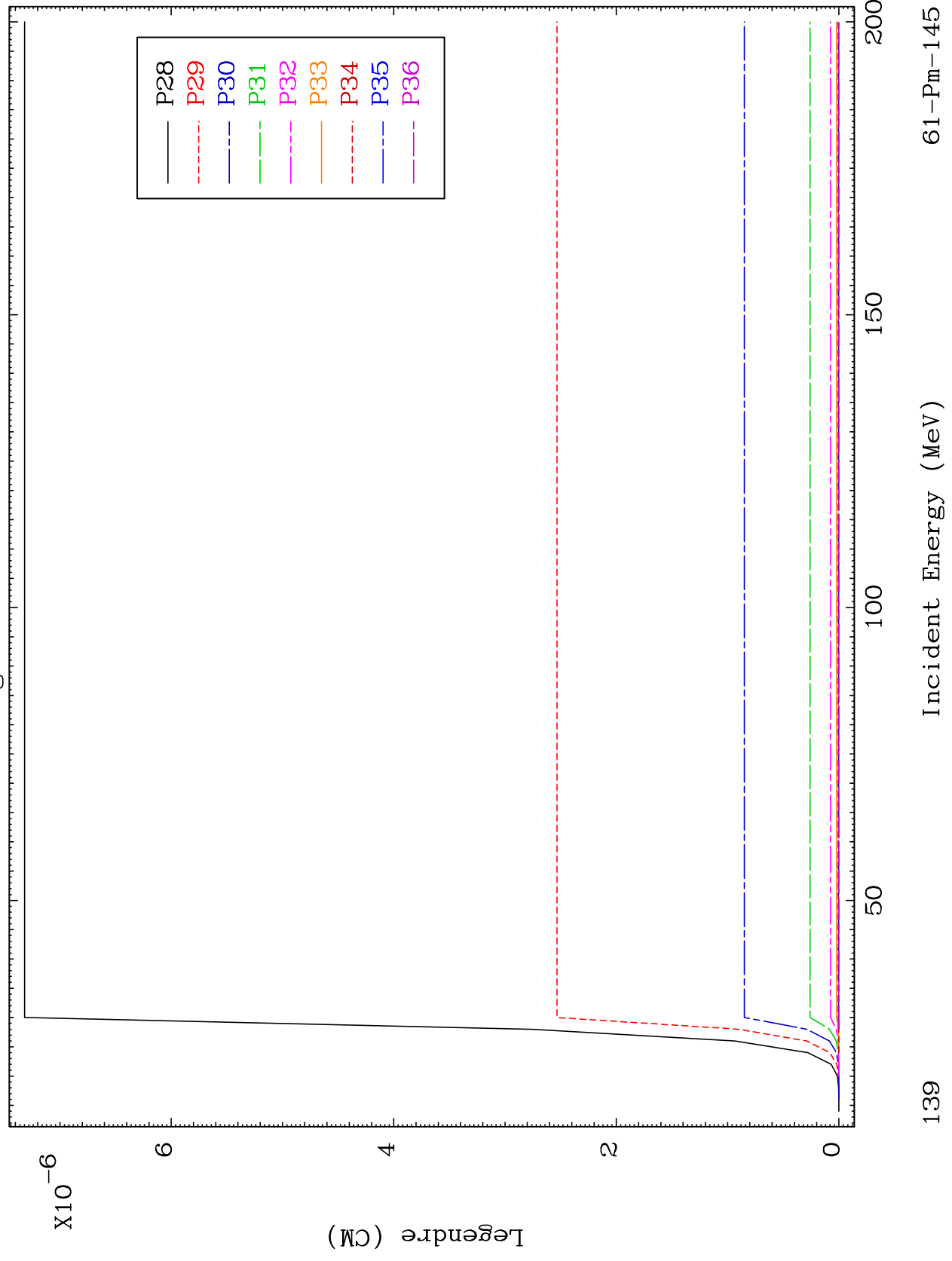
138

61-Pm-145

MAT 6143

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

61-Pm-145



139

Incident Energy (MeV)

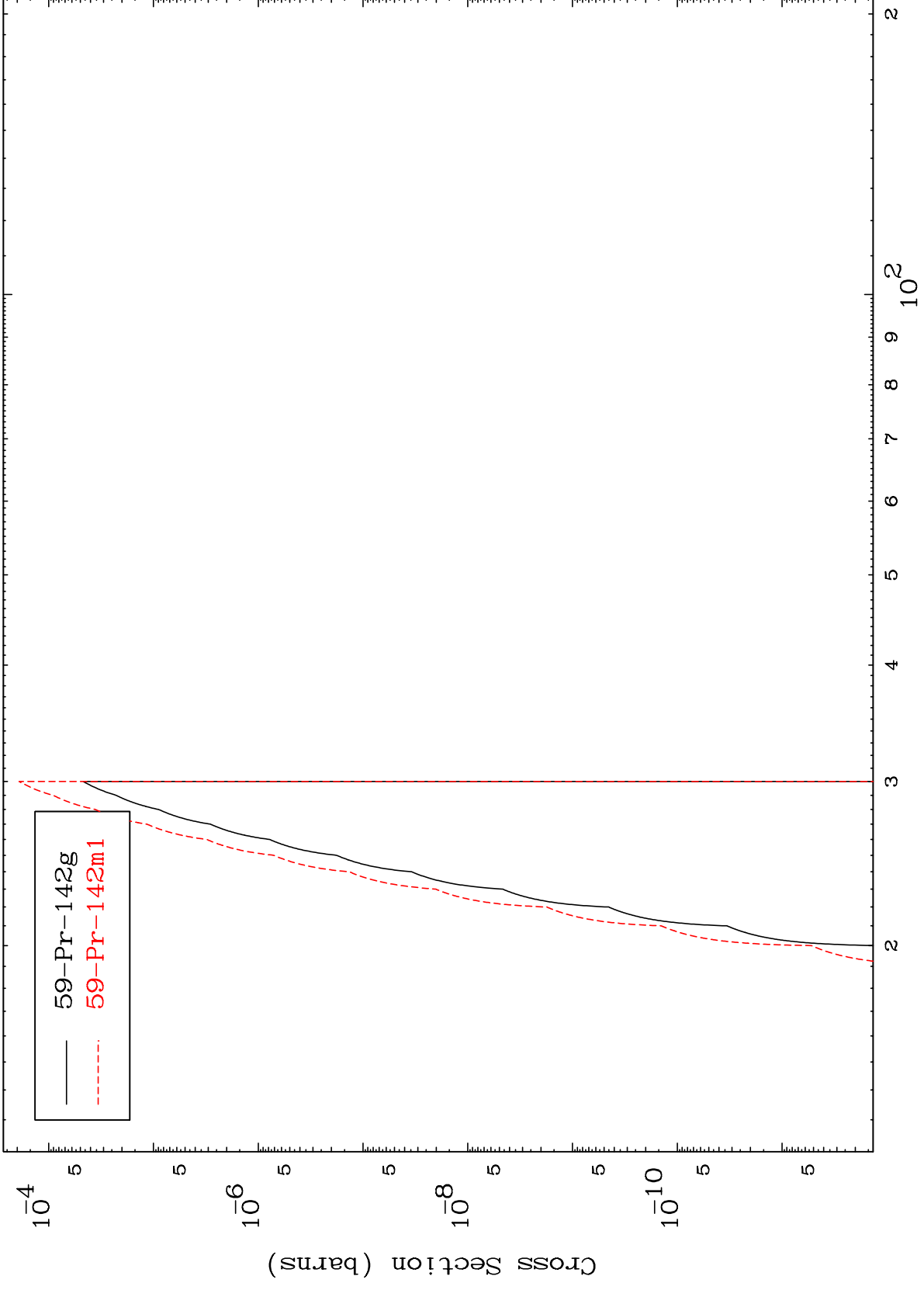
61-Pm-145

MAT 6143

(n,n') He-3

61-Pm-145

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

140

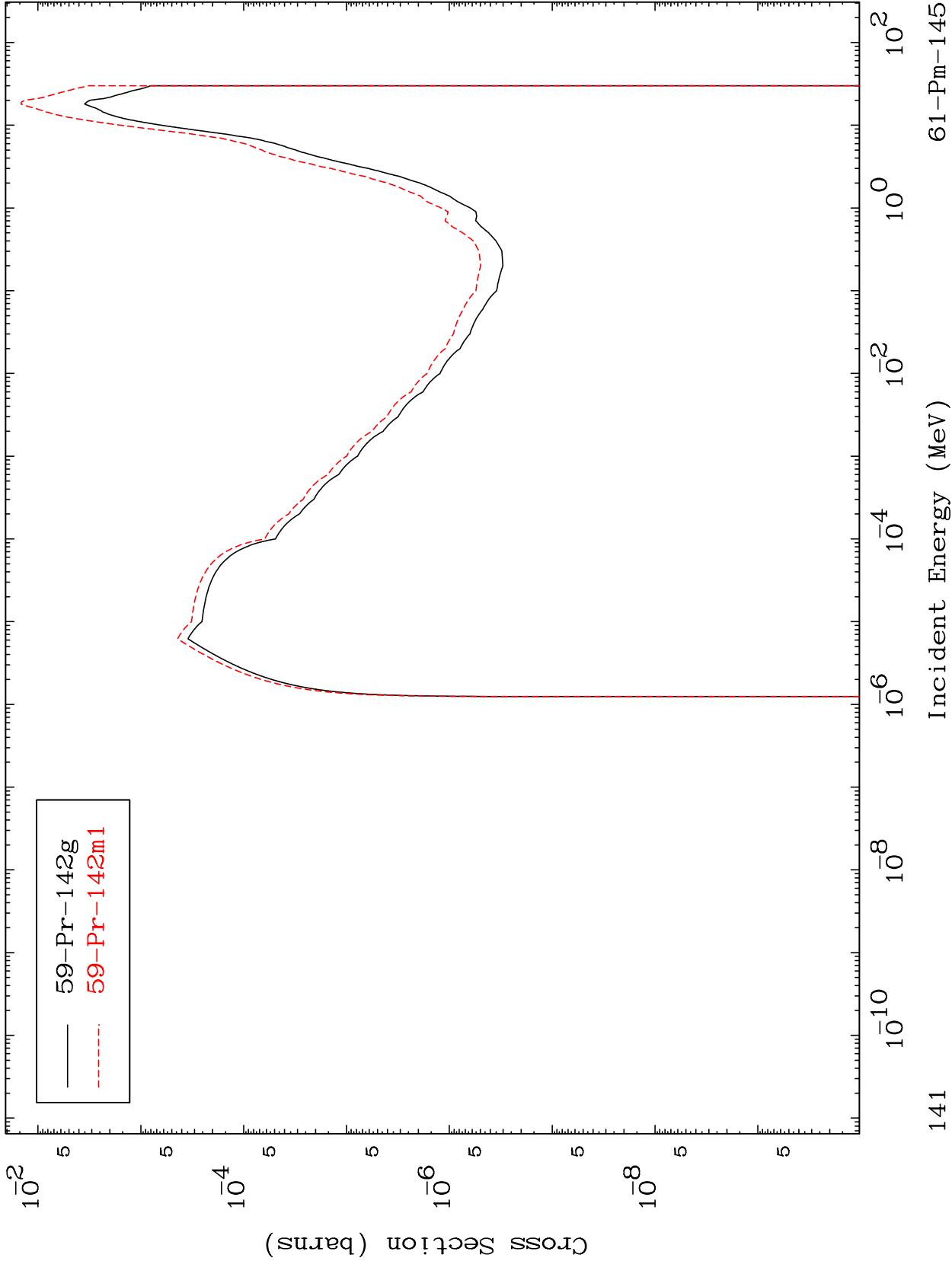
Incident Energy (MeV)

61-Pm-145

MAT 6143

61-Pm-145

(n, α)
Radionuclide Production Cross Section

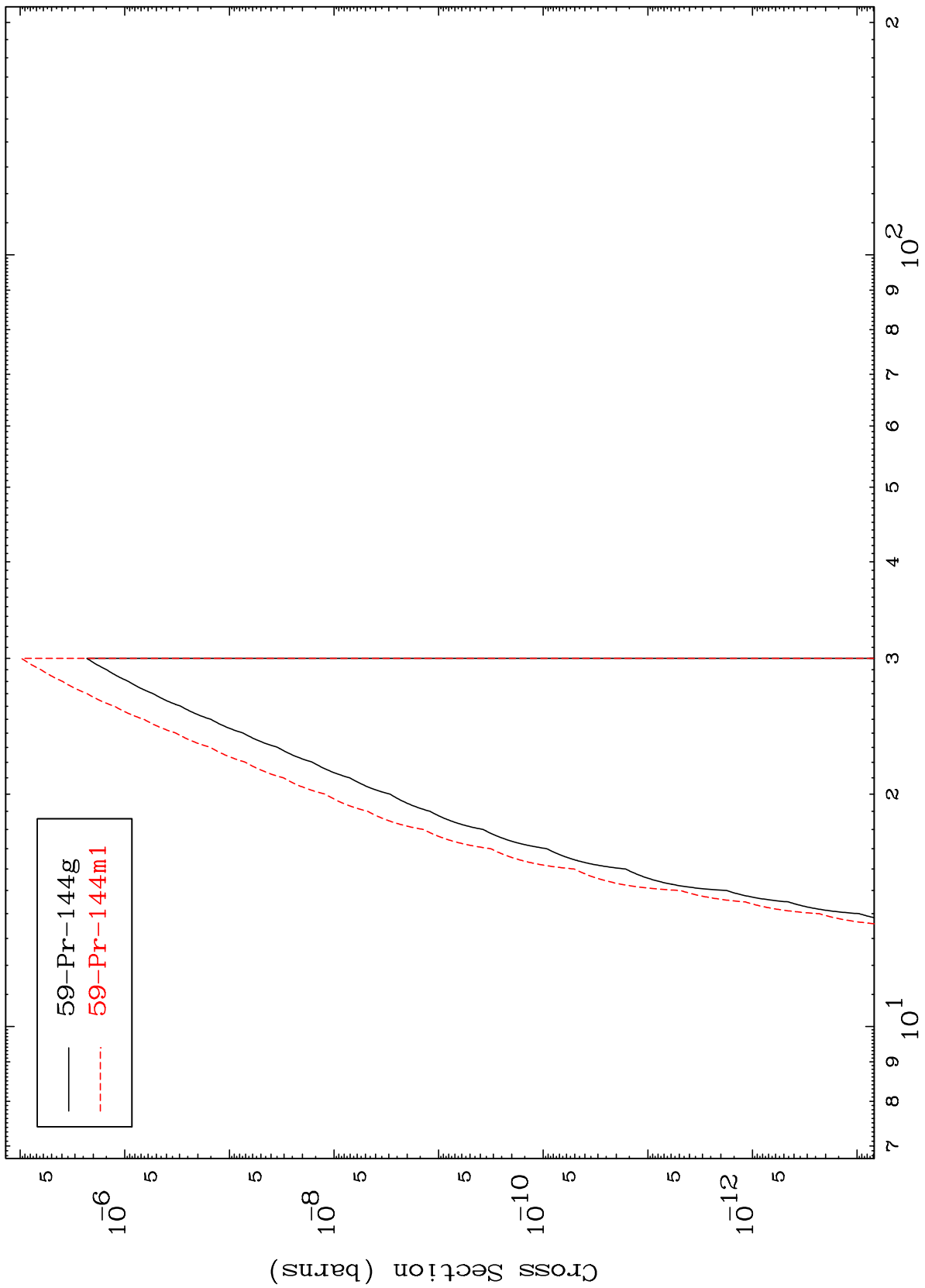


141

MAT 6143

61-Pm-145

(n,2p)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

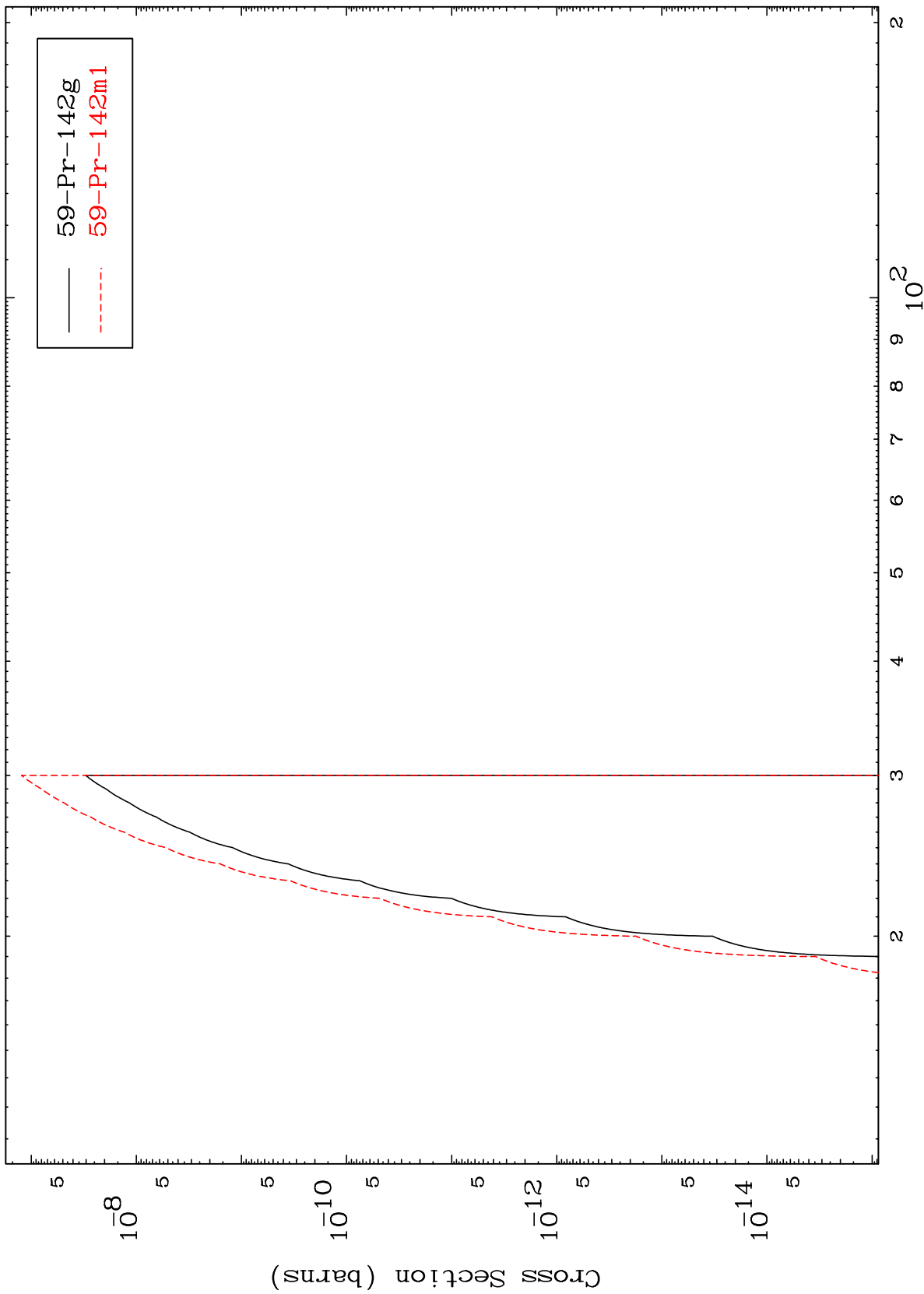
61-Pm-145

MAT 6143

(n,p) t

61-Pm-145

Radionuclide Production Cross Section



143

Incident Energy (MeV)

61-Pm-145