

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

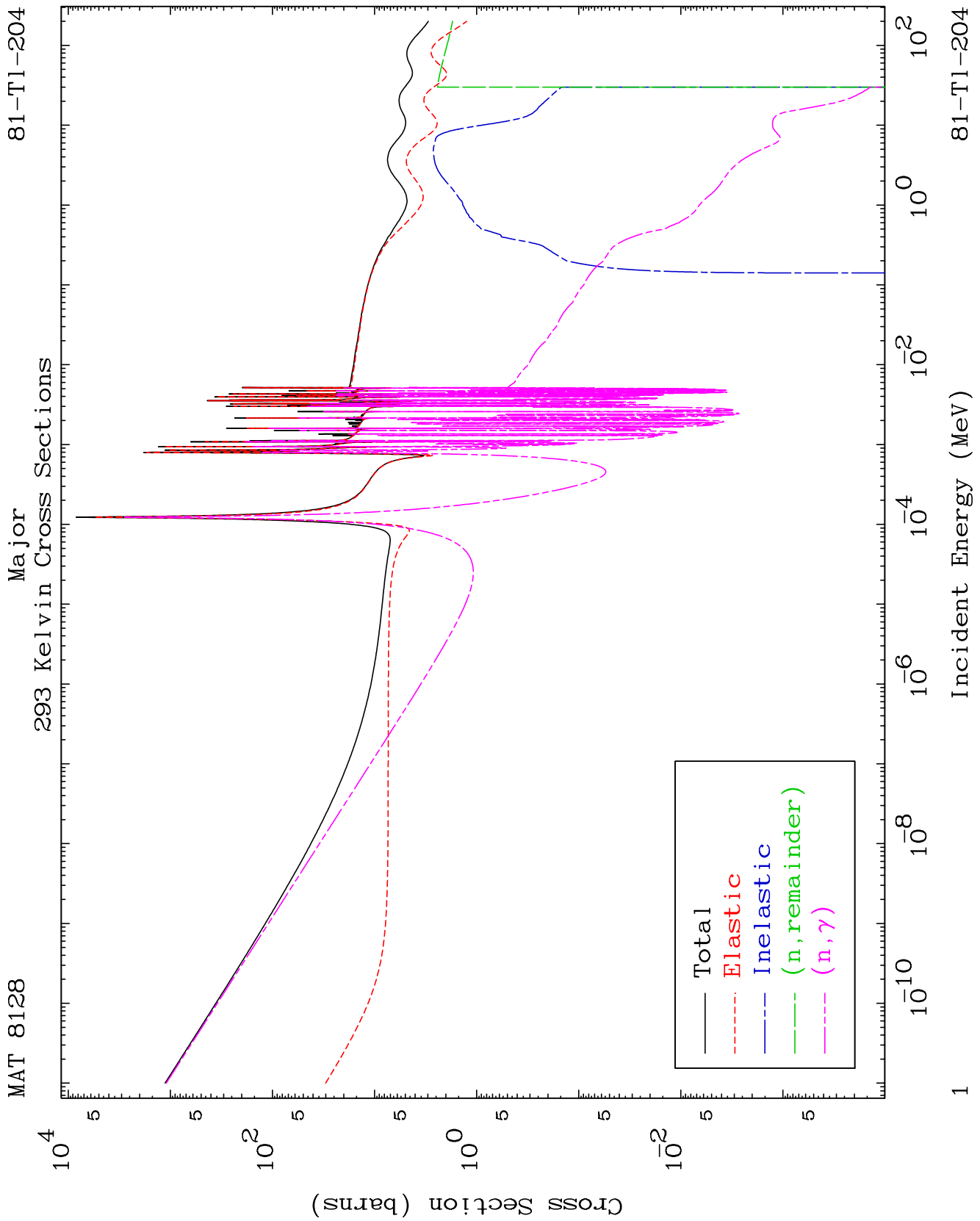
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Web:redcullen1.net/HOMEPAGE.NEW

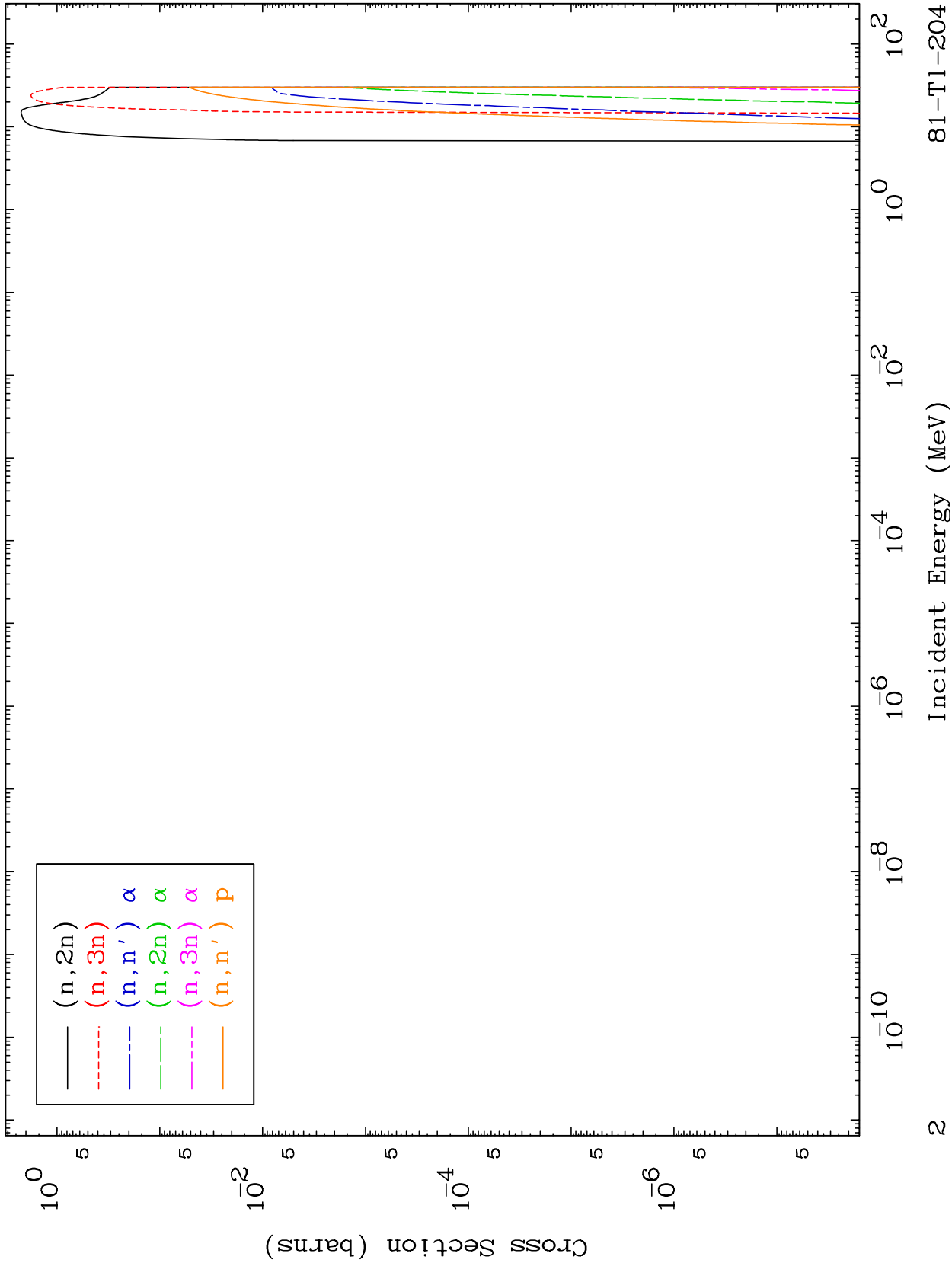
Press Mouse Button to Start



MAT 8128

Neutron Production
293 Kelvin Cross Sections

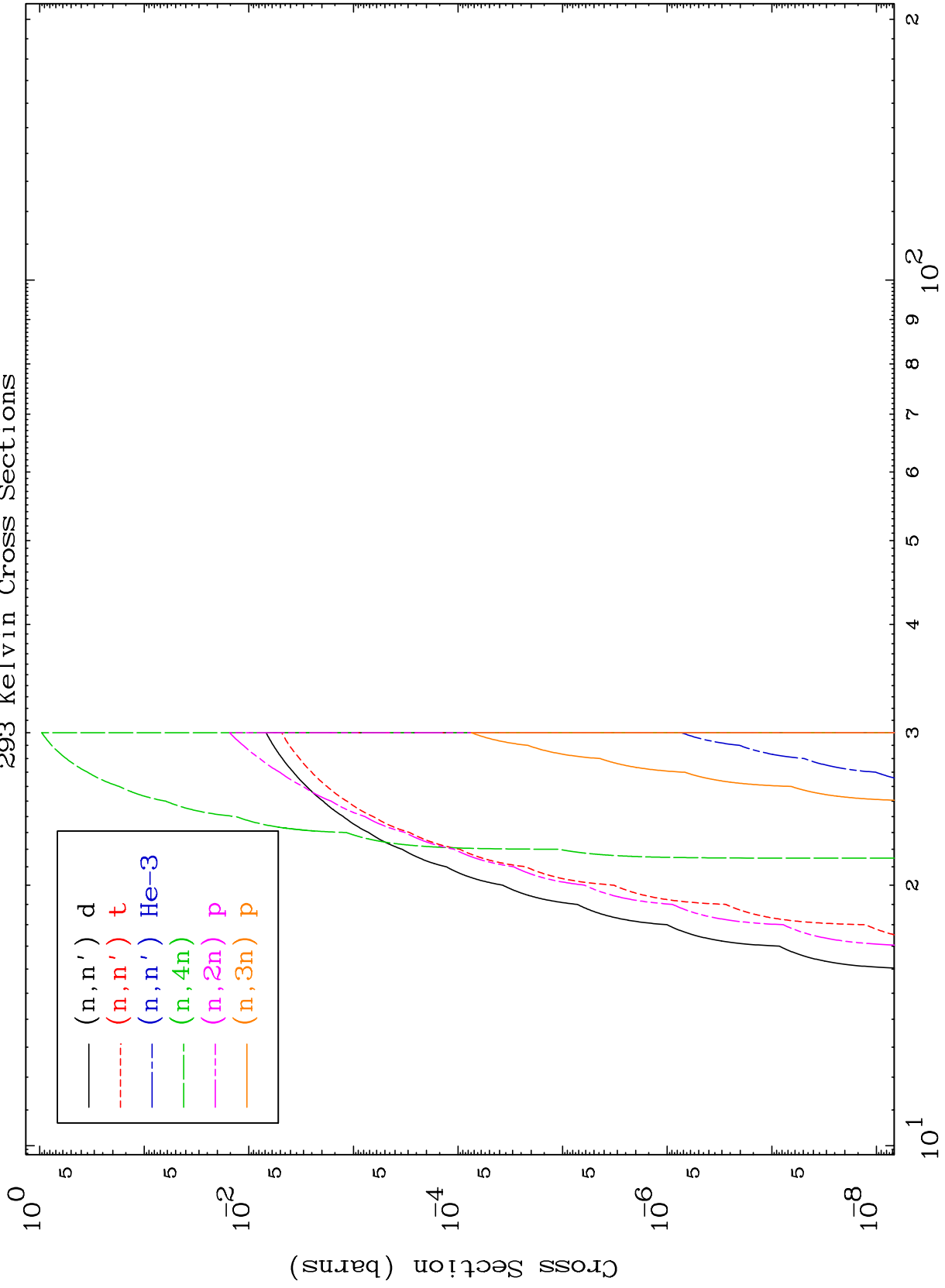
81-Tl-204



MAT 8128

Neutron Production
293 Kelvin Cross Sections

81-Tl-204



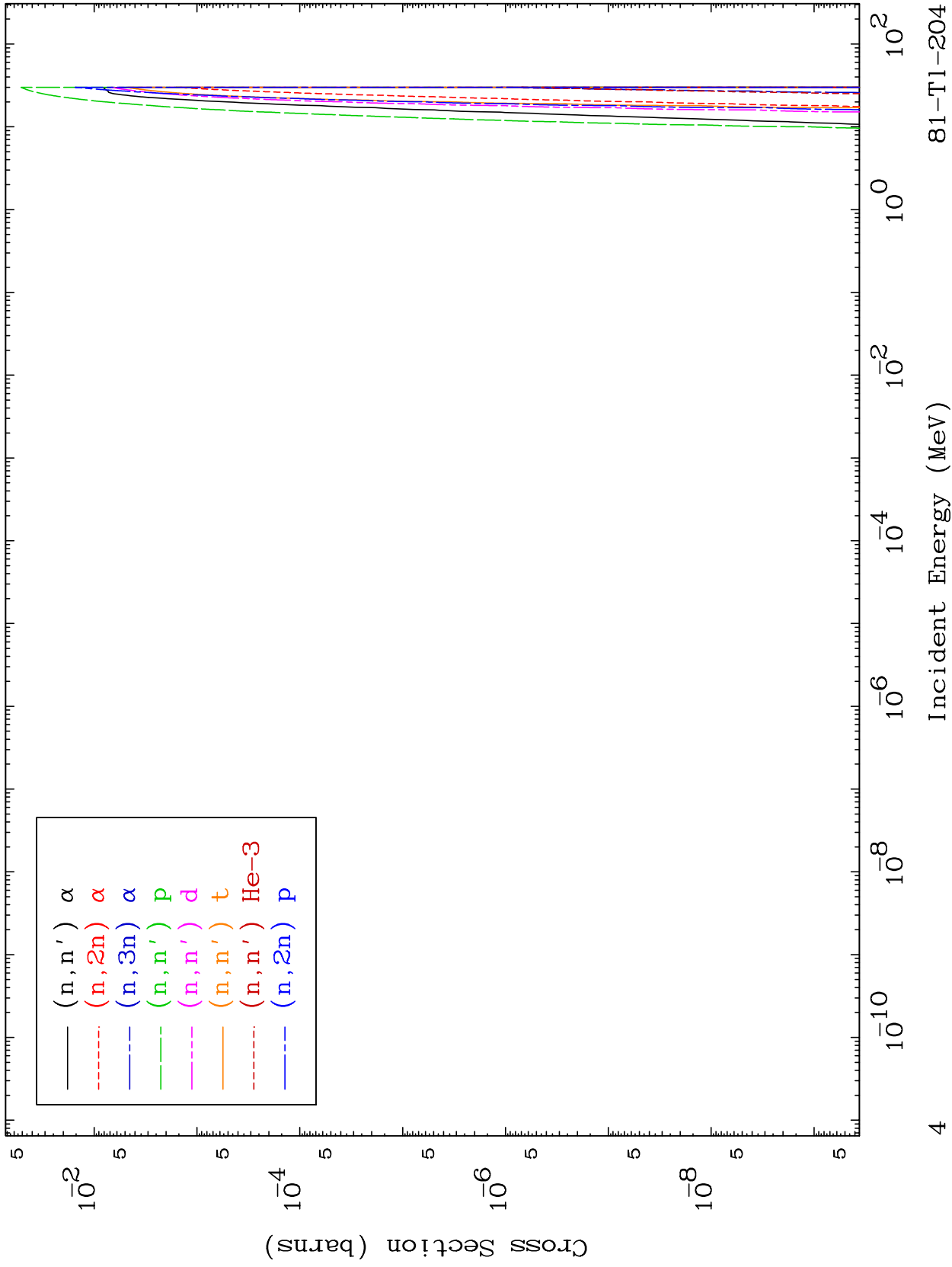
Incident Energy (MeV)

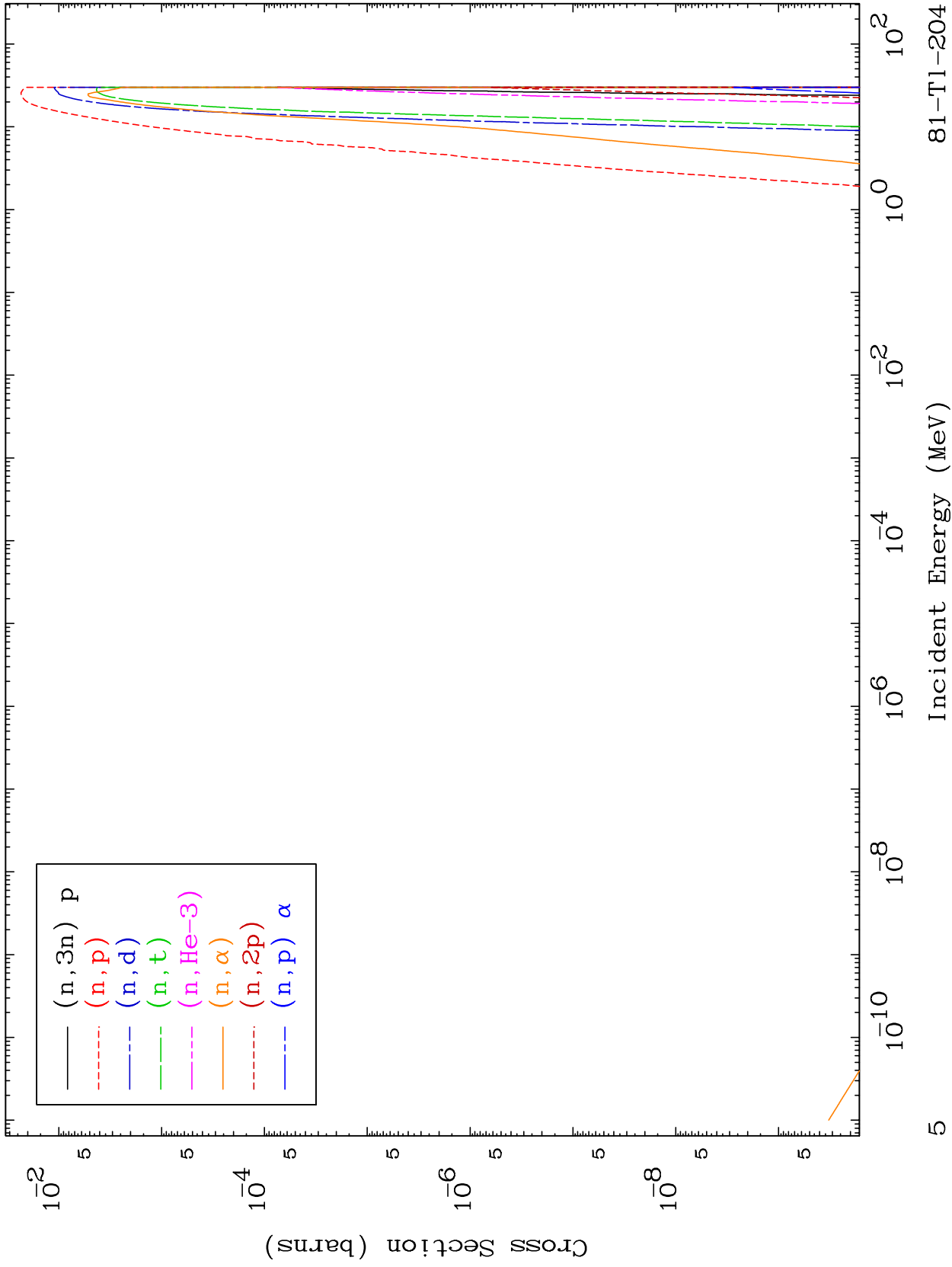
81-Tl-204

MAT 8128

Charged Particle
293 Kelvin Cross Sections

81-Tl-204

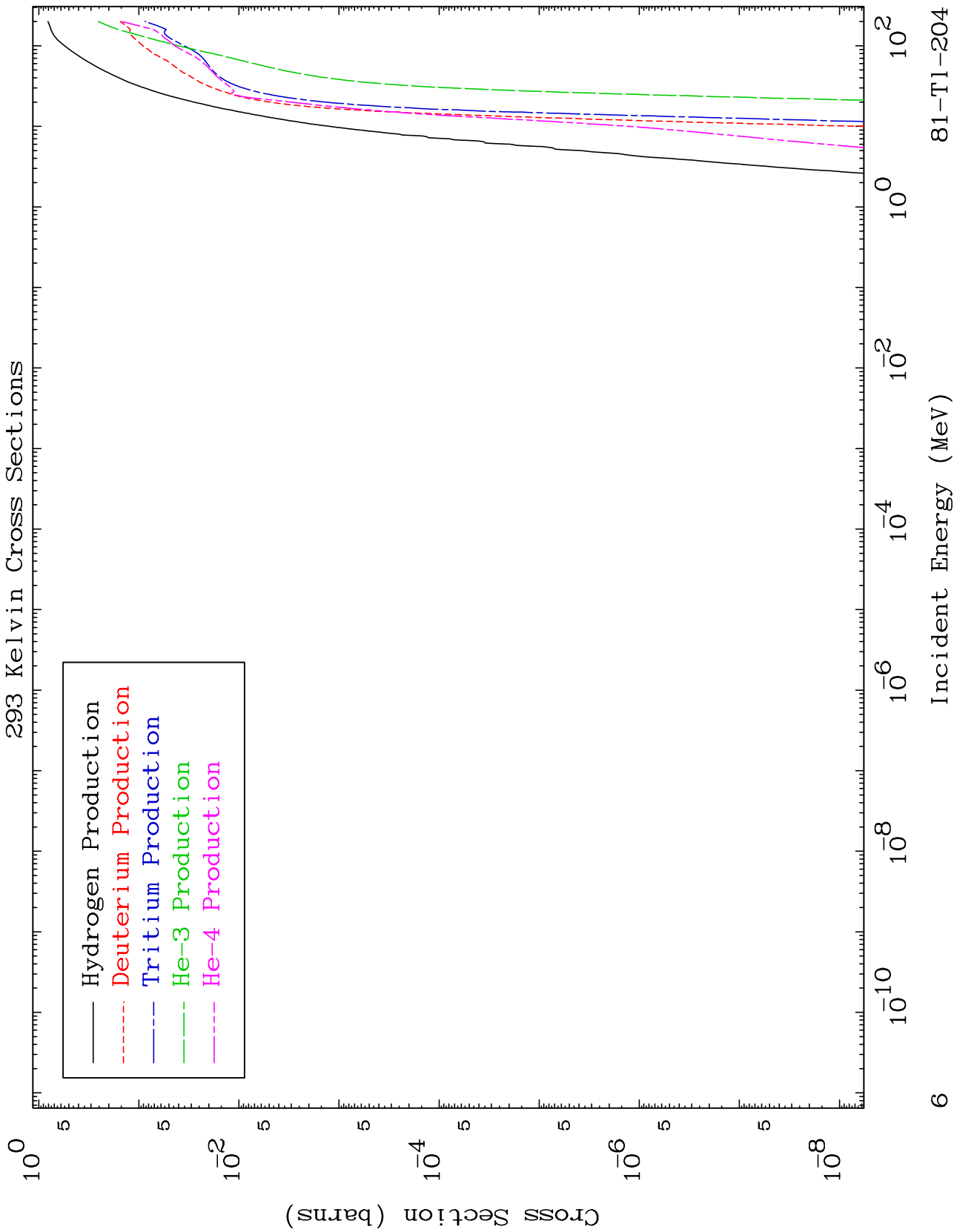




MAT 8128

Particle Production
293 Kelvin Cross Sections

81-T1-204

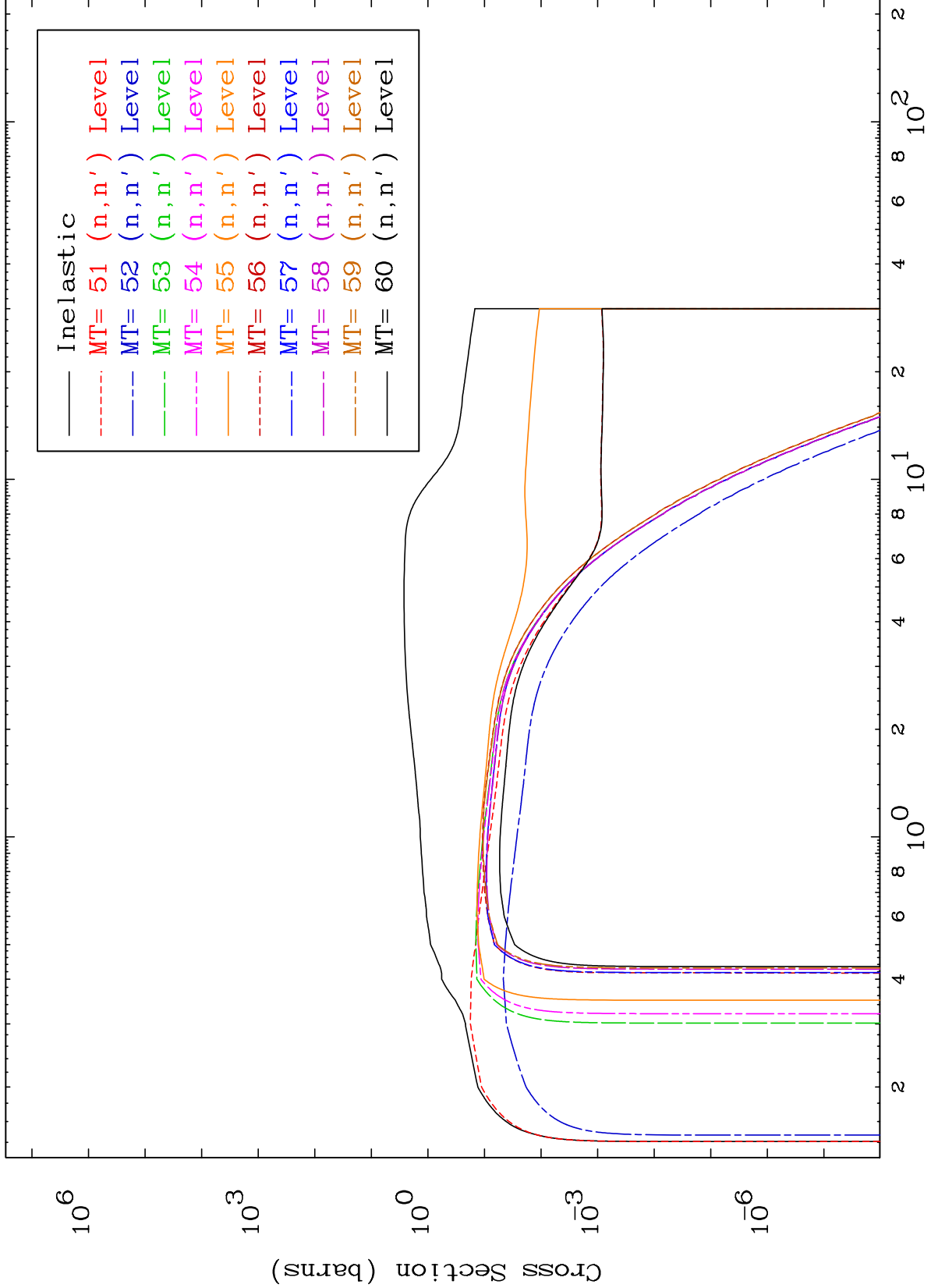


MAT 8128

(n,n') Level

81-Tl-204

293 Kelvin Cross Sections

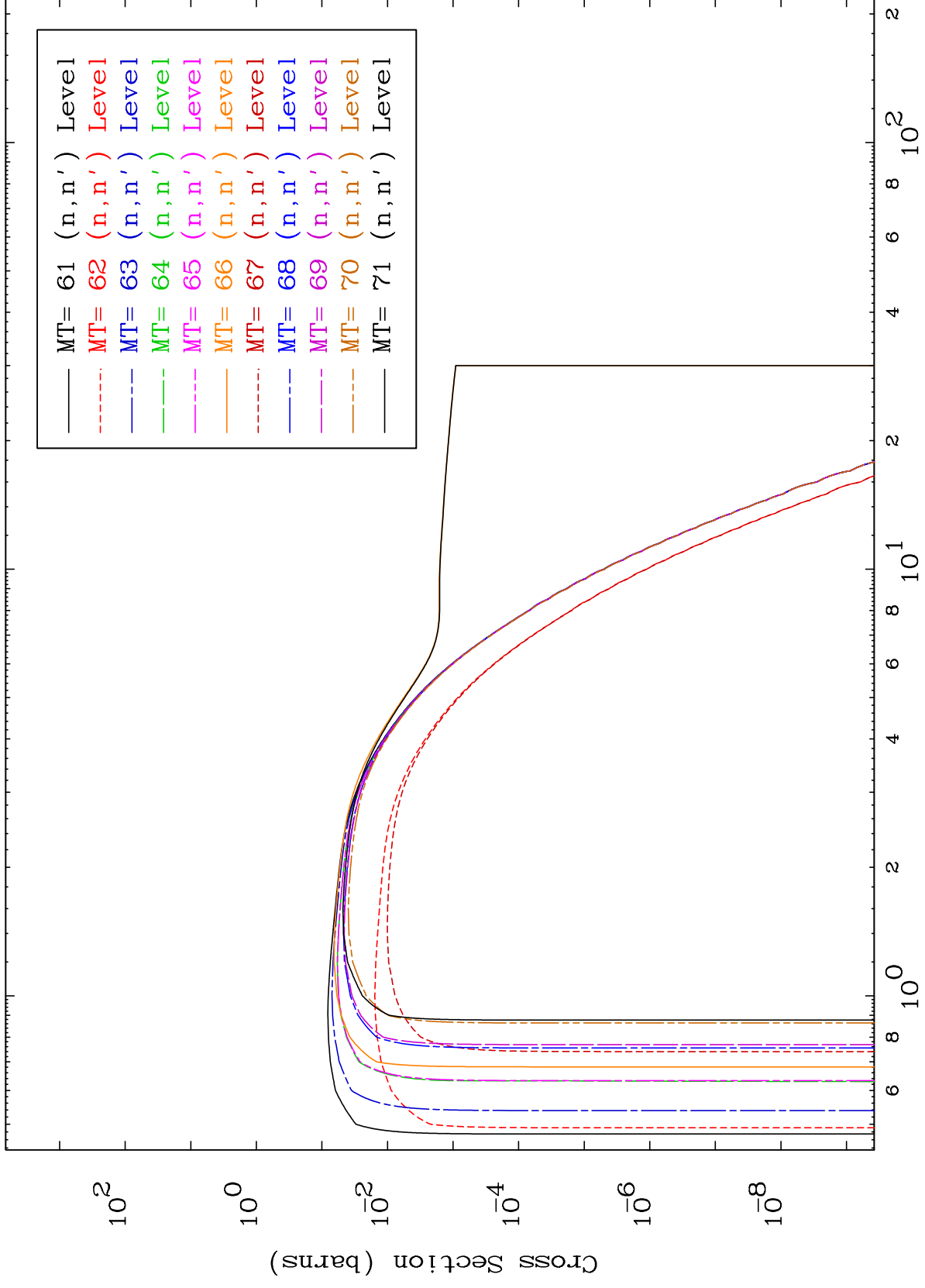


MAT 8128

(n,n') Level

81-Tl-204

293 Kelvin Cross Sections



8

Incident Energy (MeV)

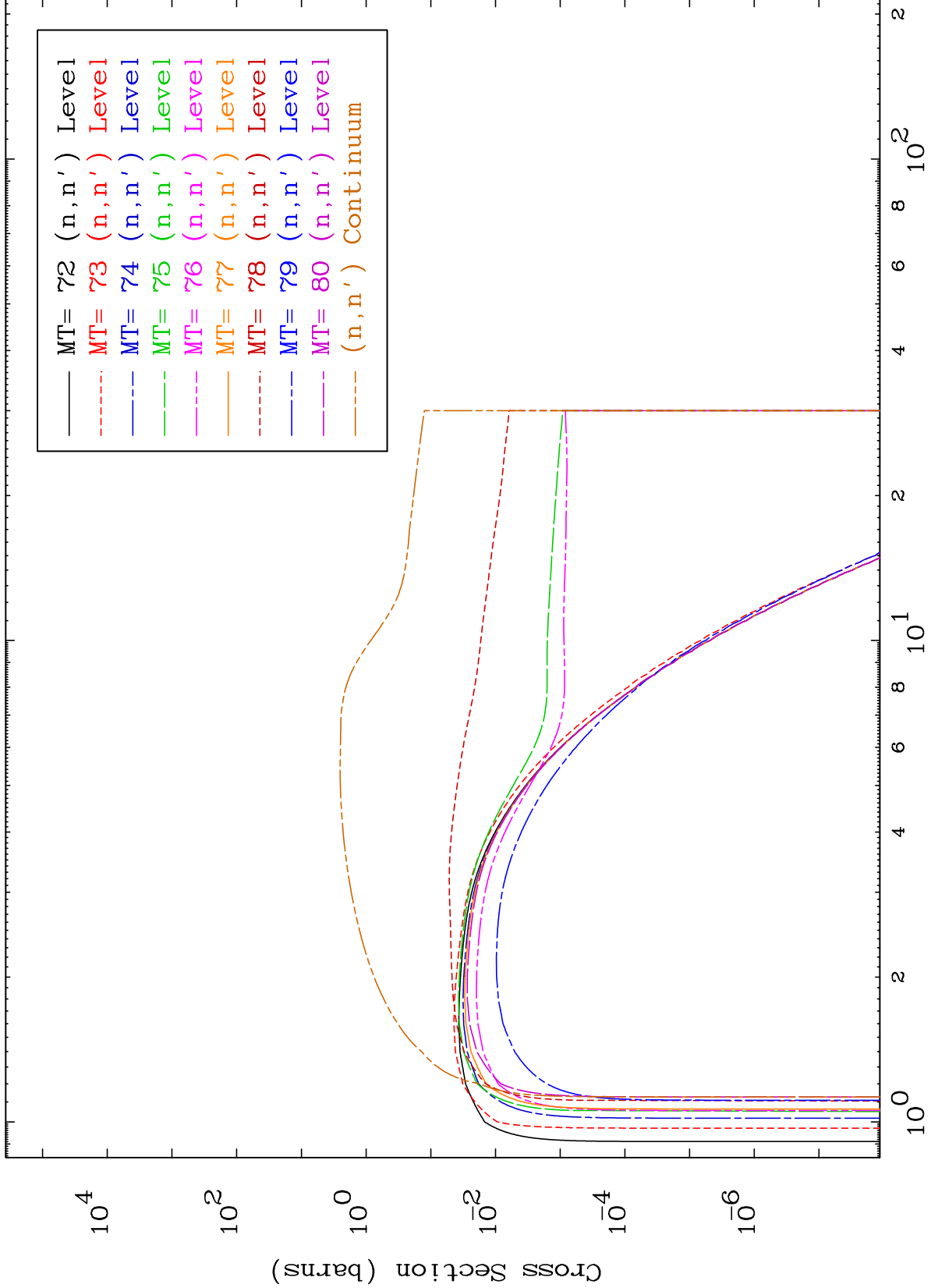
81-Tl-204

MAT 8128

(n,n') Level

81-Tl-204

293 Kelvin Cross Sections



Incident Energy (MeV)

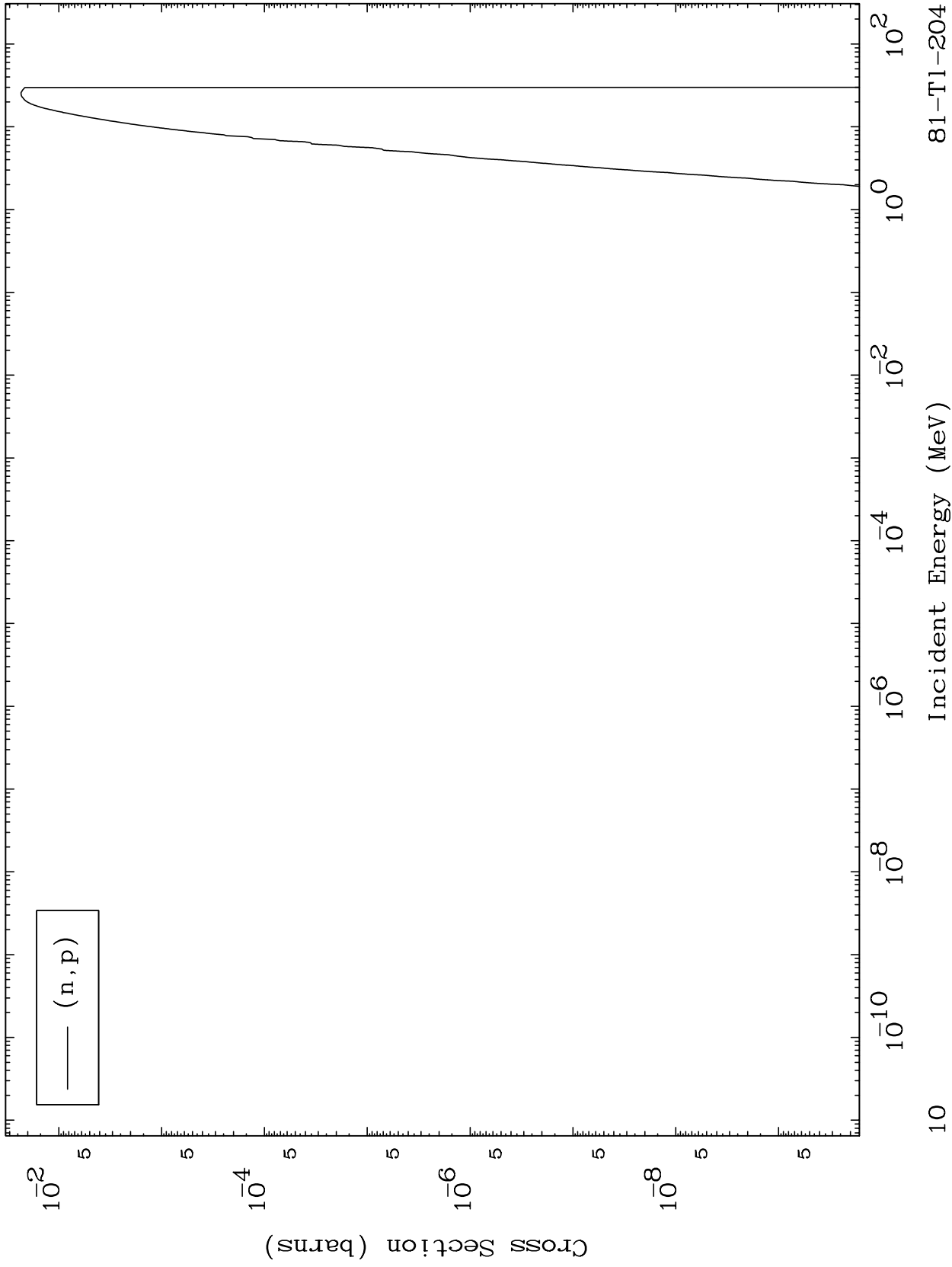
81-Tl-204

9

MAT 8128

(n,p) Levels
293 Kelvin Cross Sections

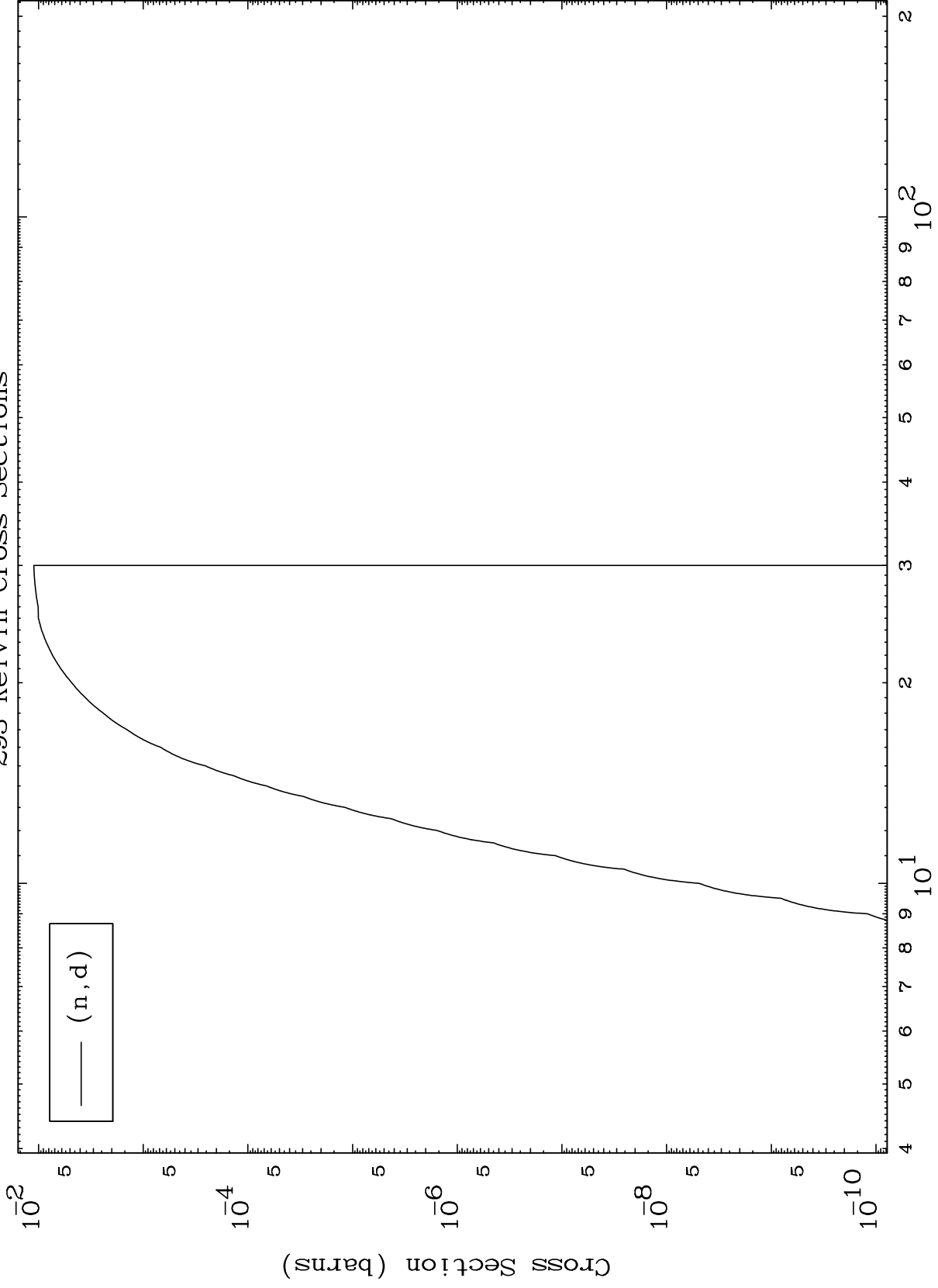
81-Tl-204



MAT 8128

(n,d) Levels
293 Kelvin Cross Sections

81-T1-204



11

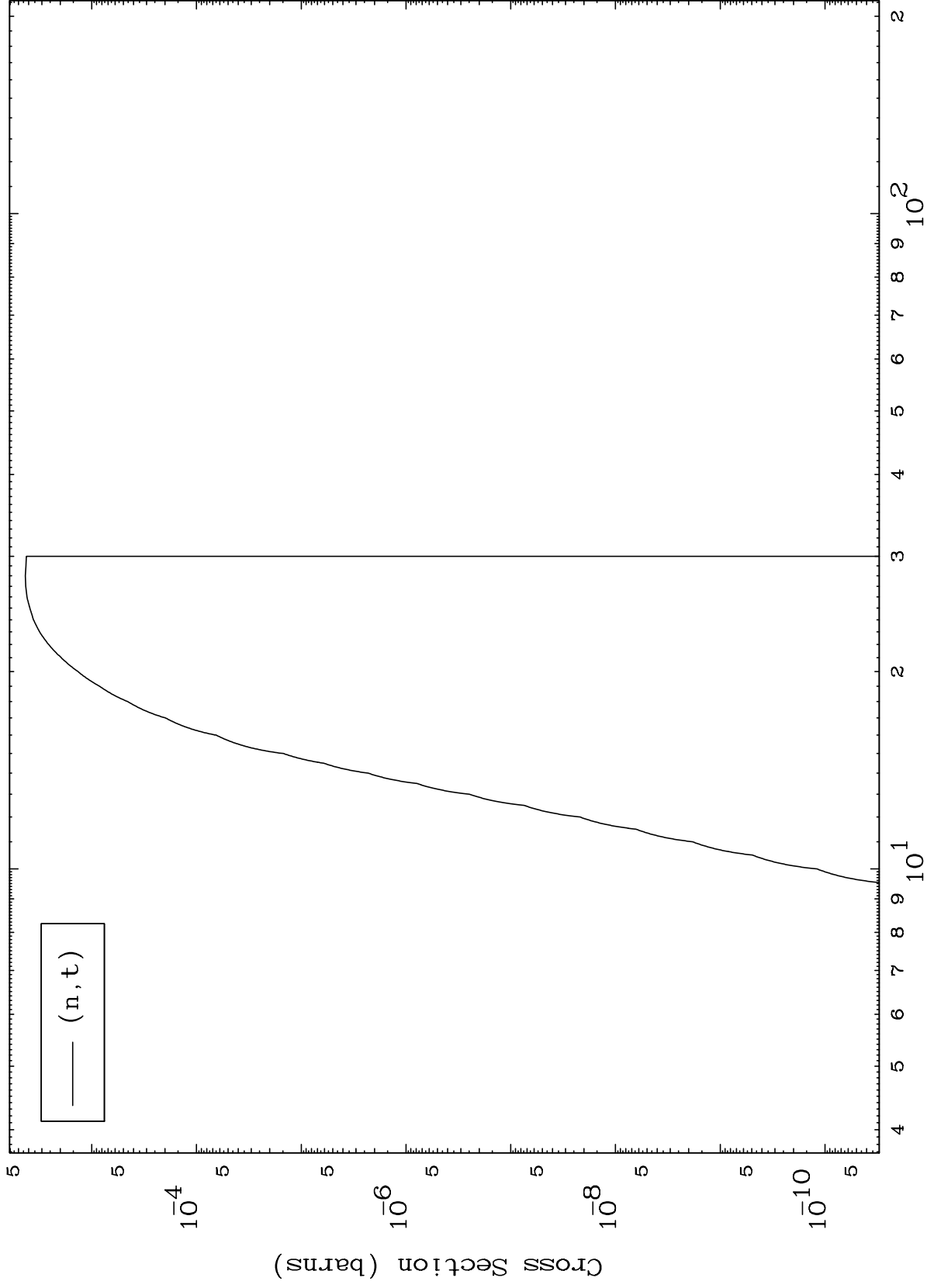
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-204



12

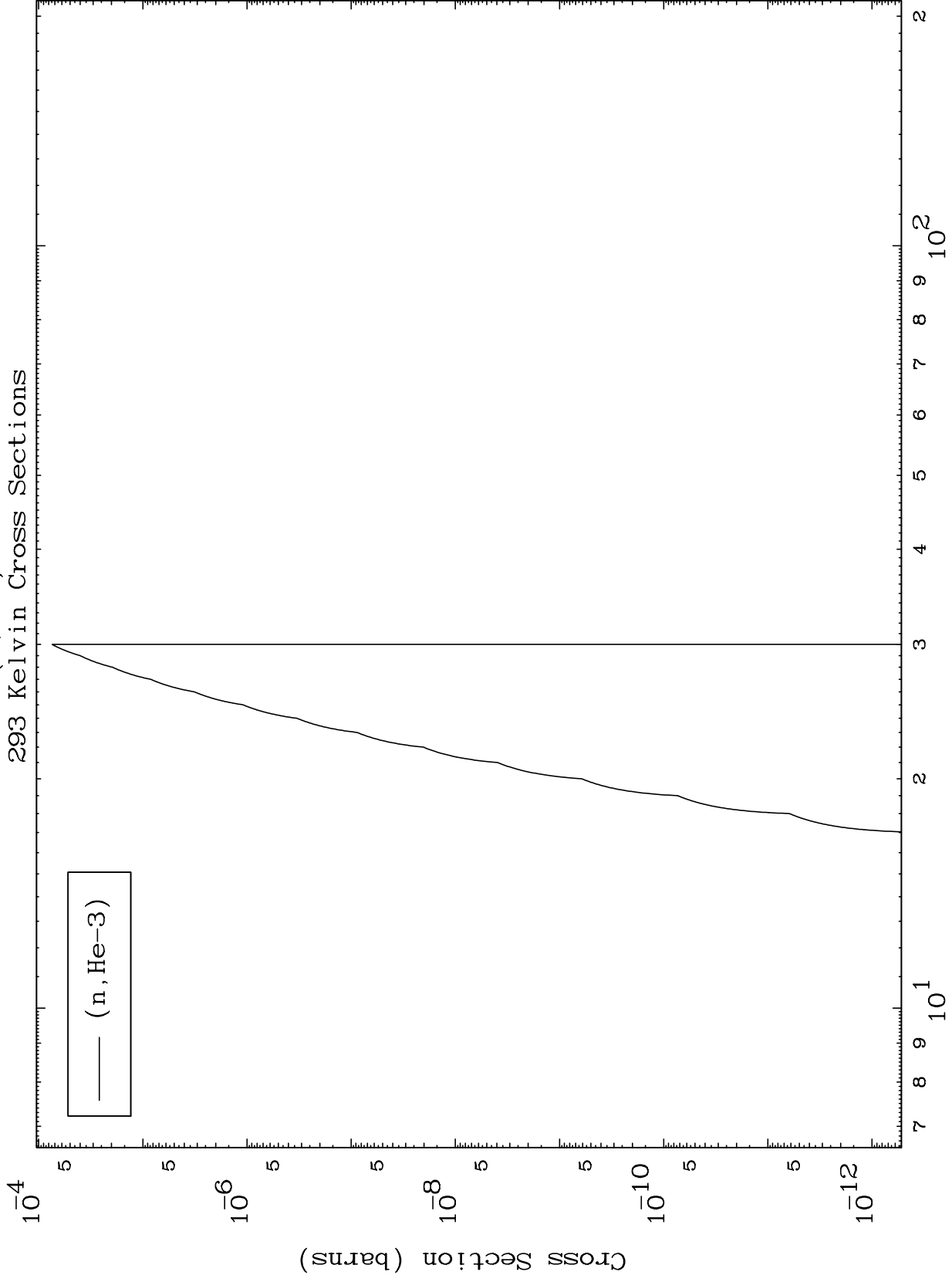
Incident Energy (MeV)

81-Tl-204

MAT 8128

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-204



13

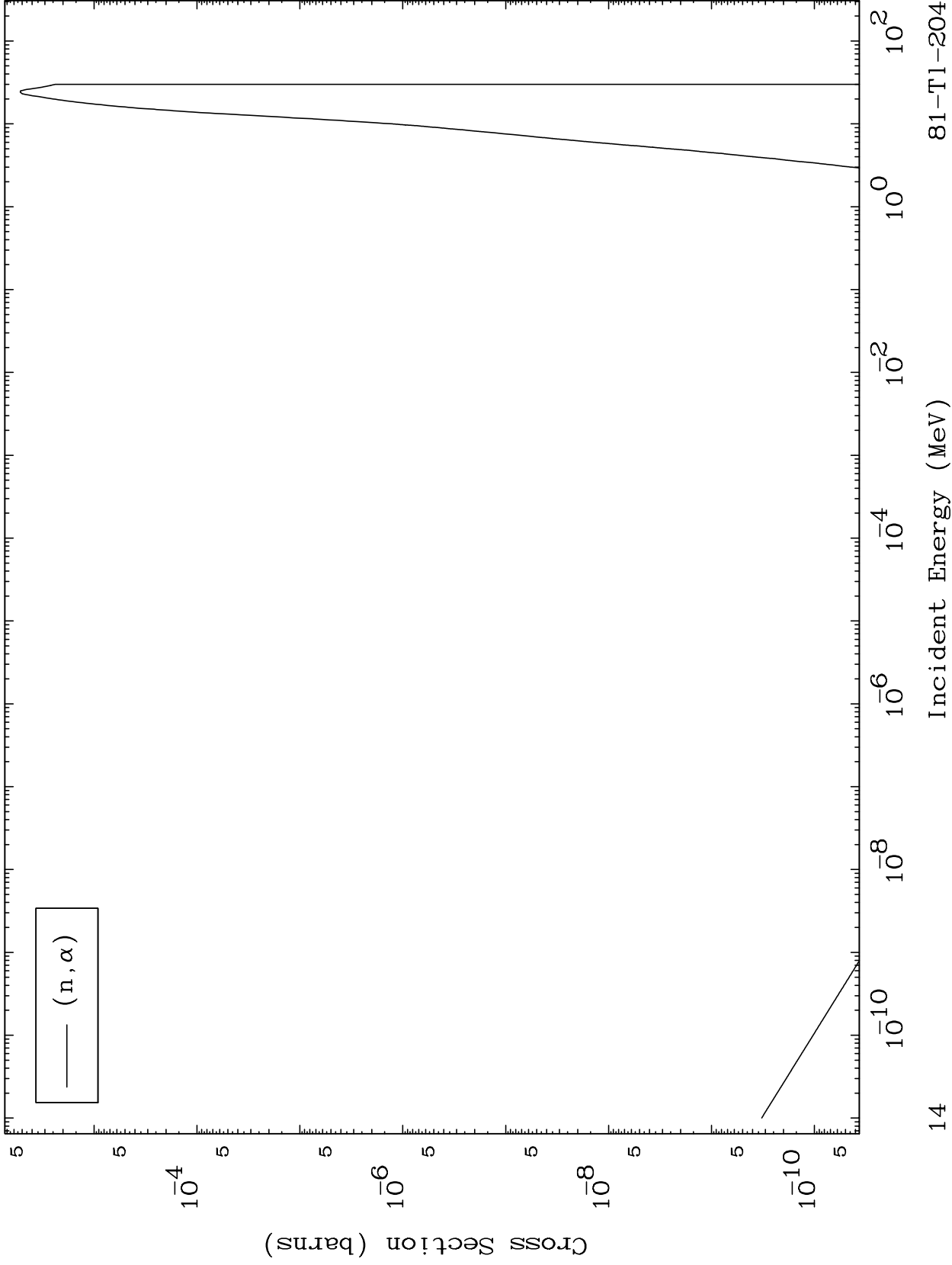
Incident Energy (MeV)

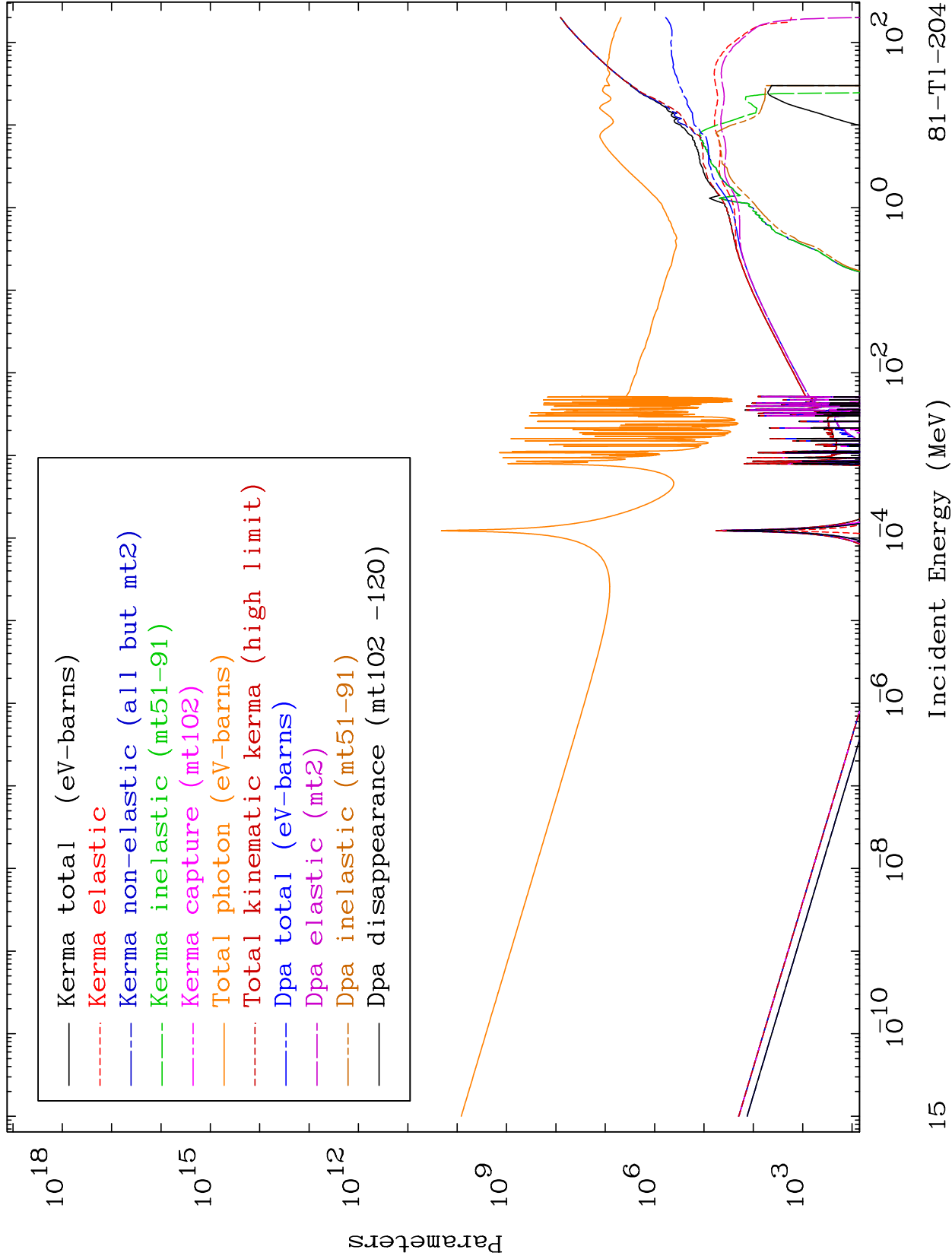
81-T1-204

MAT 8128

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-204

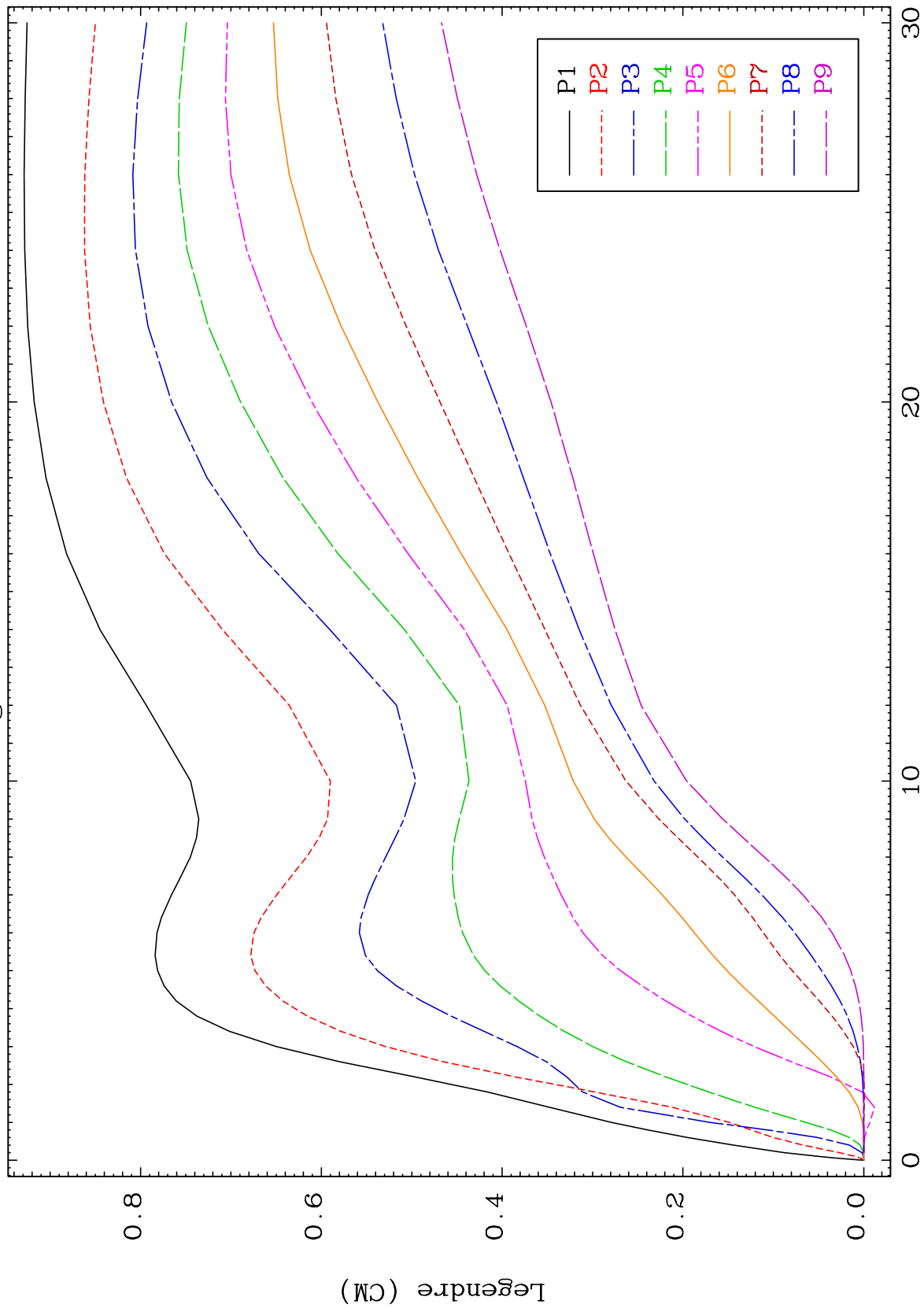




MAT 8128

Elastic Legendre Coefficients

81-T1-204



16

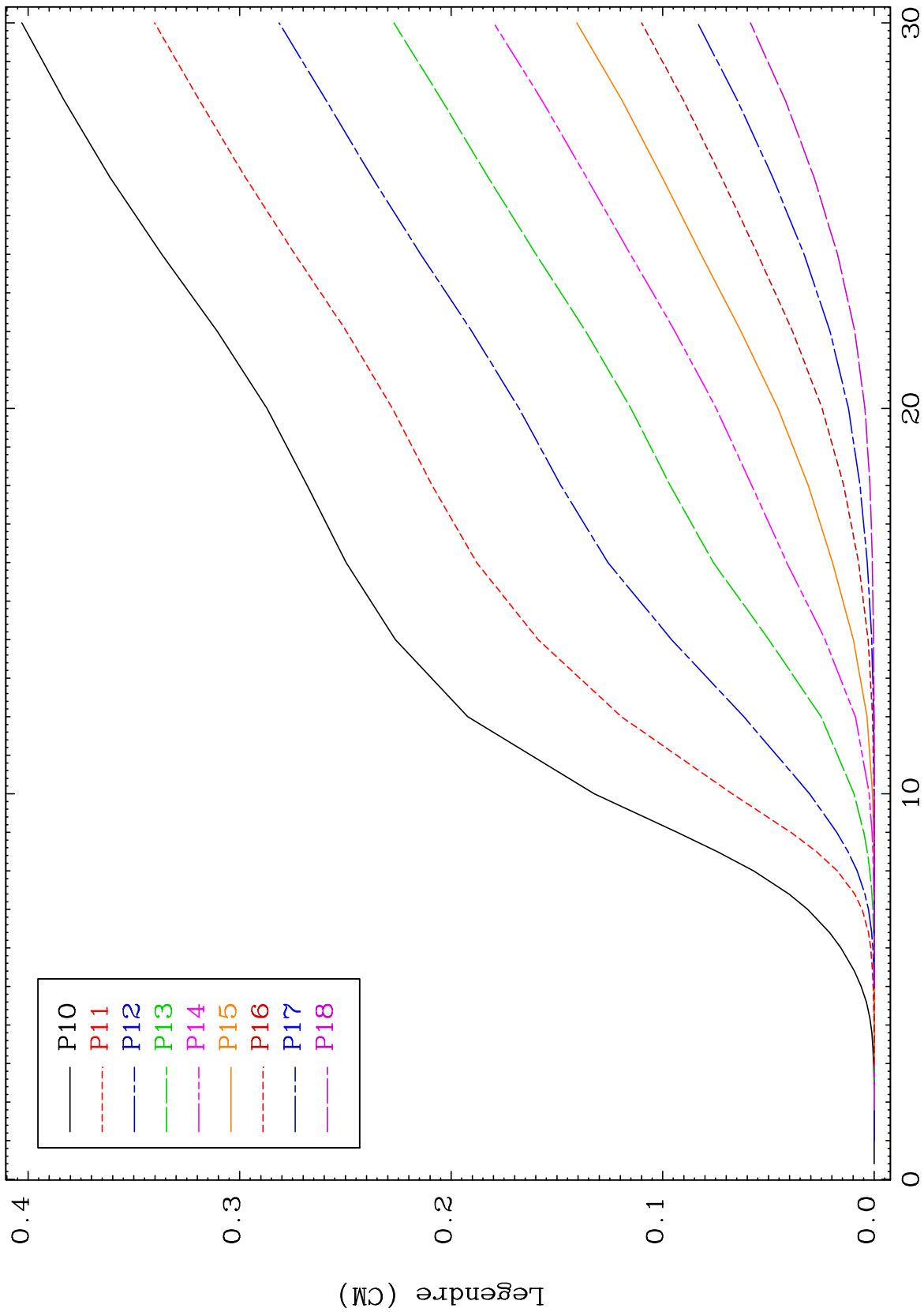
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



17

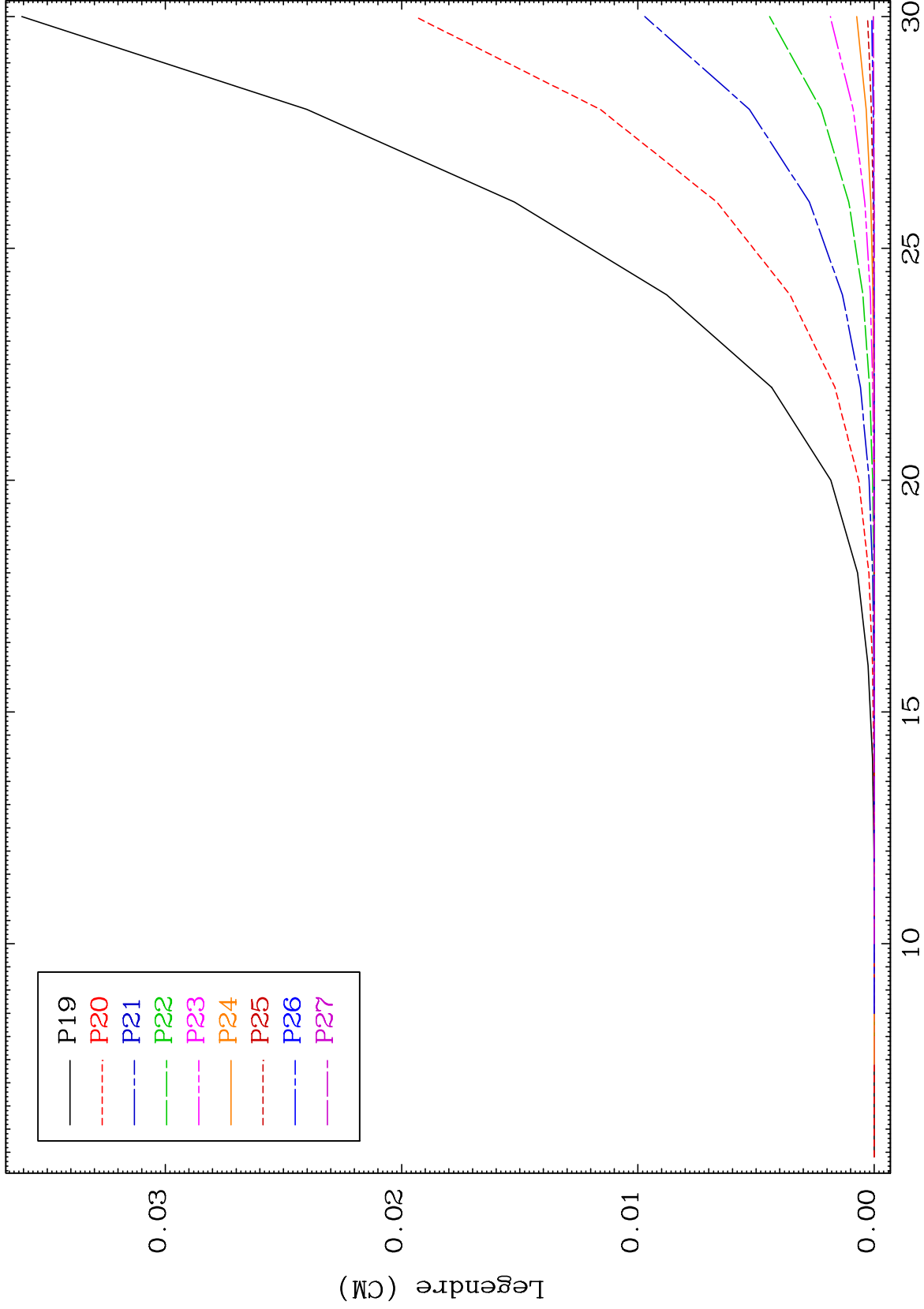
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



18

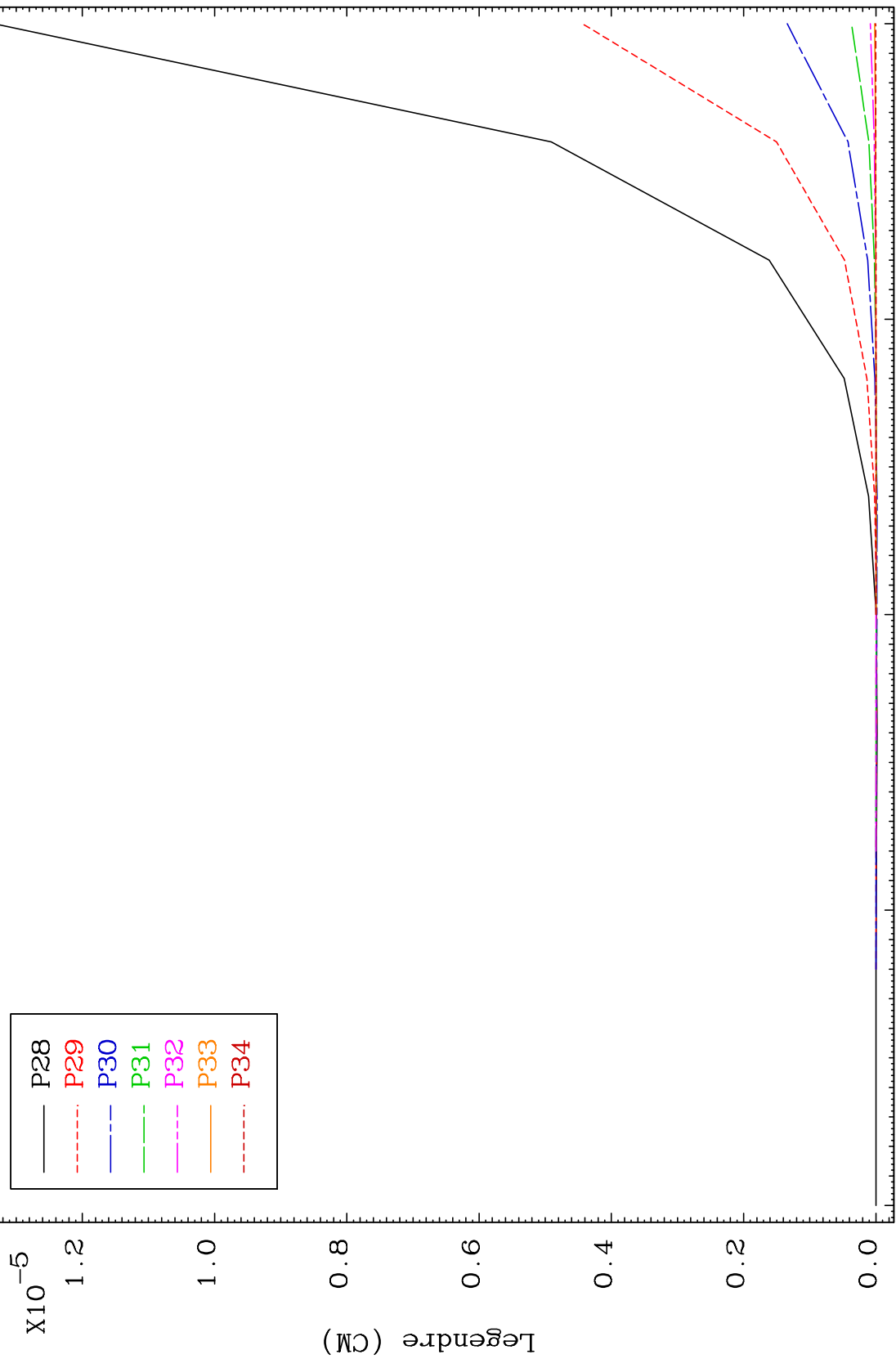
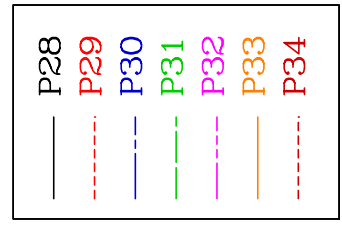
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



19

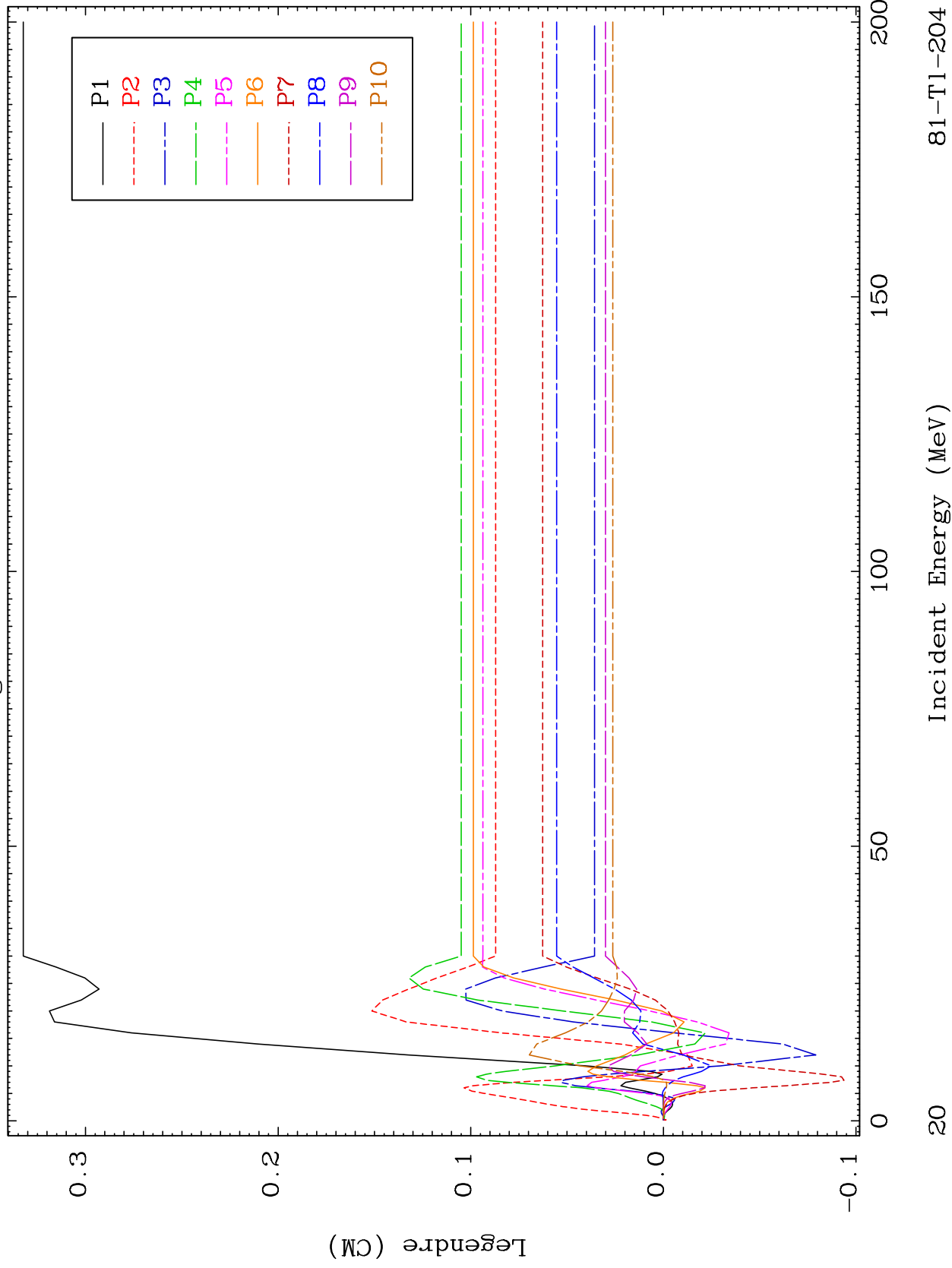
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-Tl-204



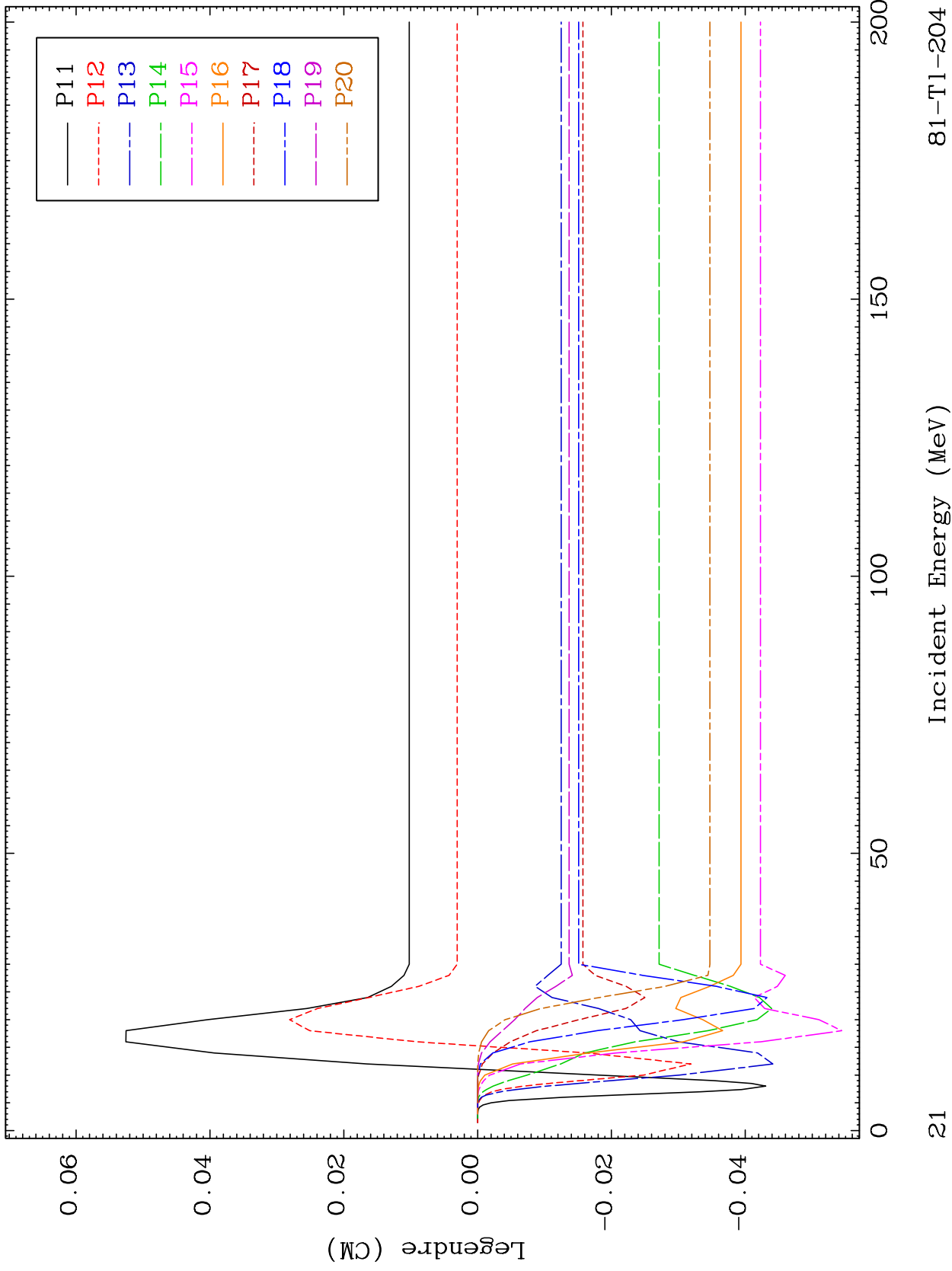
81-Tl-204

Incident Energy (MeV)

MAT 8128

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

81-T1-204



21

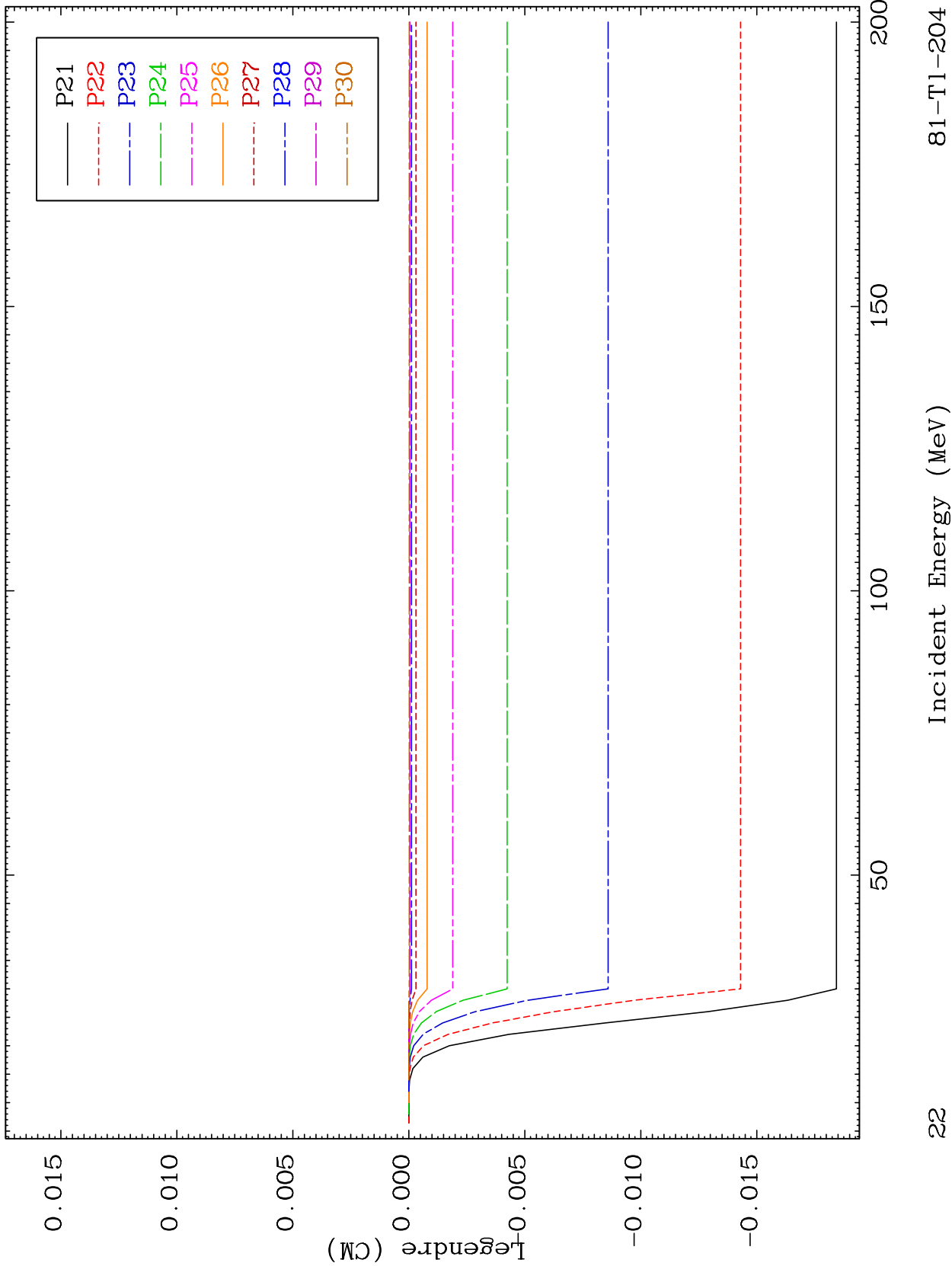
Incident Energy (MeV)

81-T1-204

MAT 8128

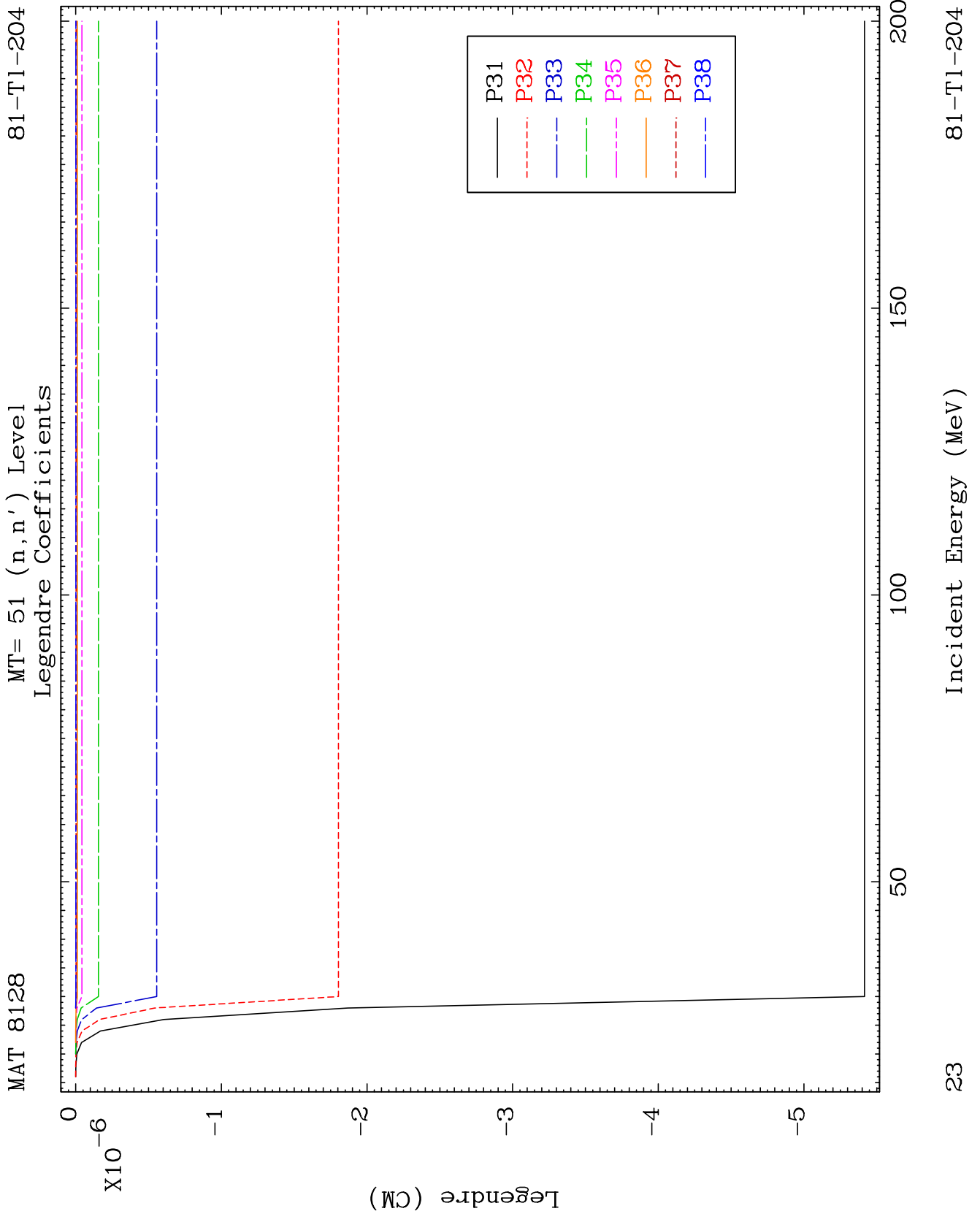
MT= 51 (n,n') Level
Legendre Coefficients

81-T1-204



22

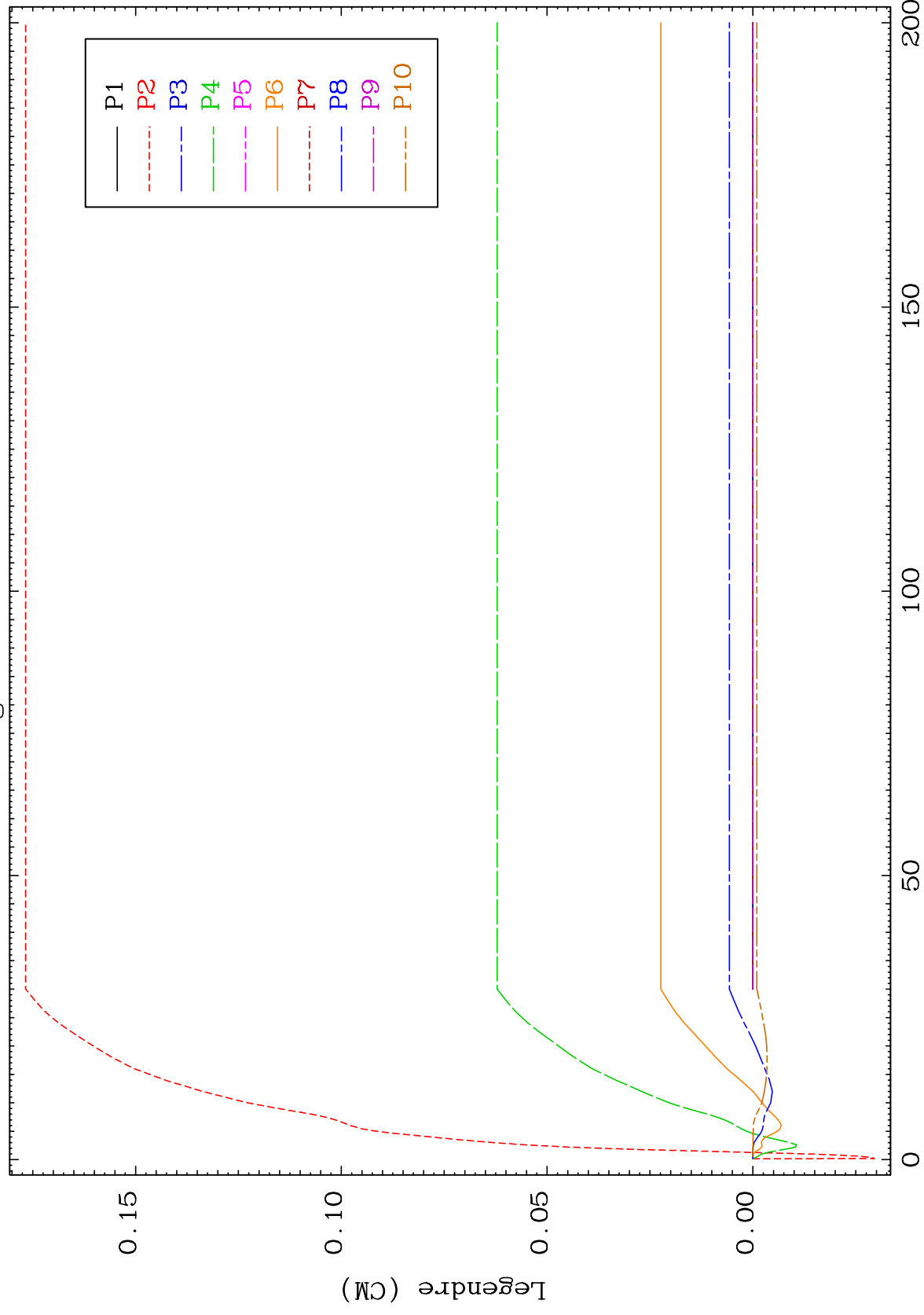
81-T1-204



MAT 8128

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

81-T1-204



24

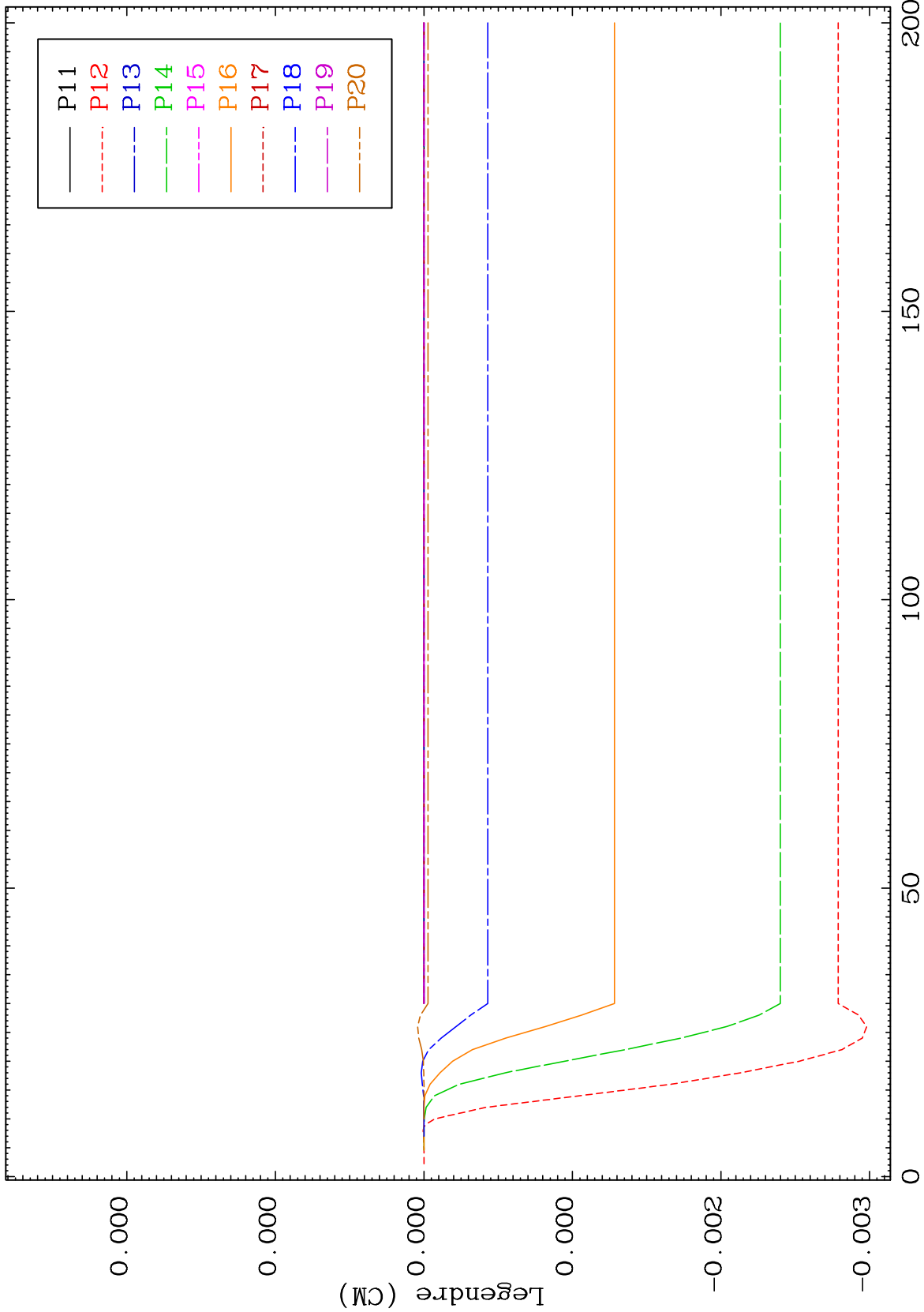
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



25

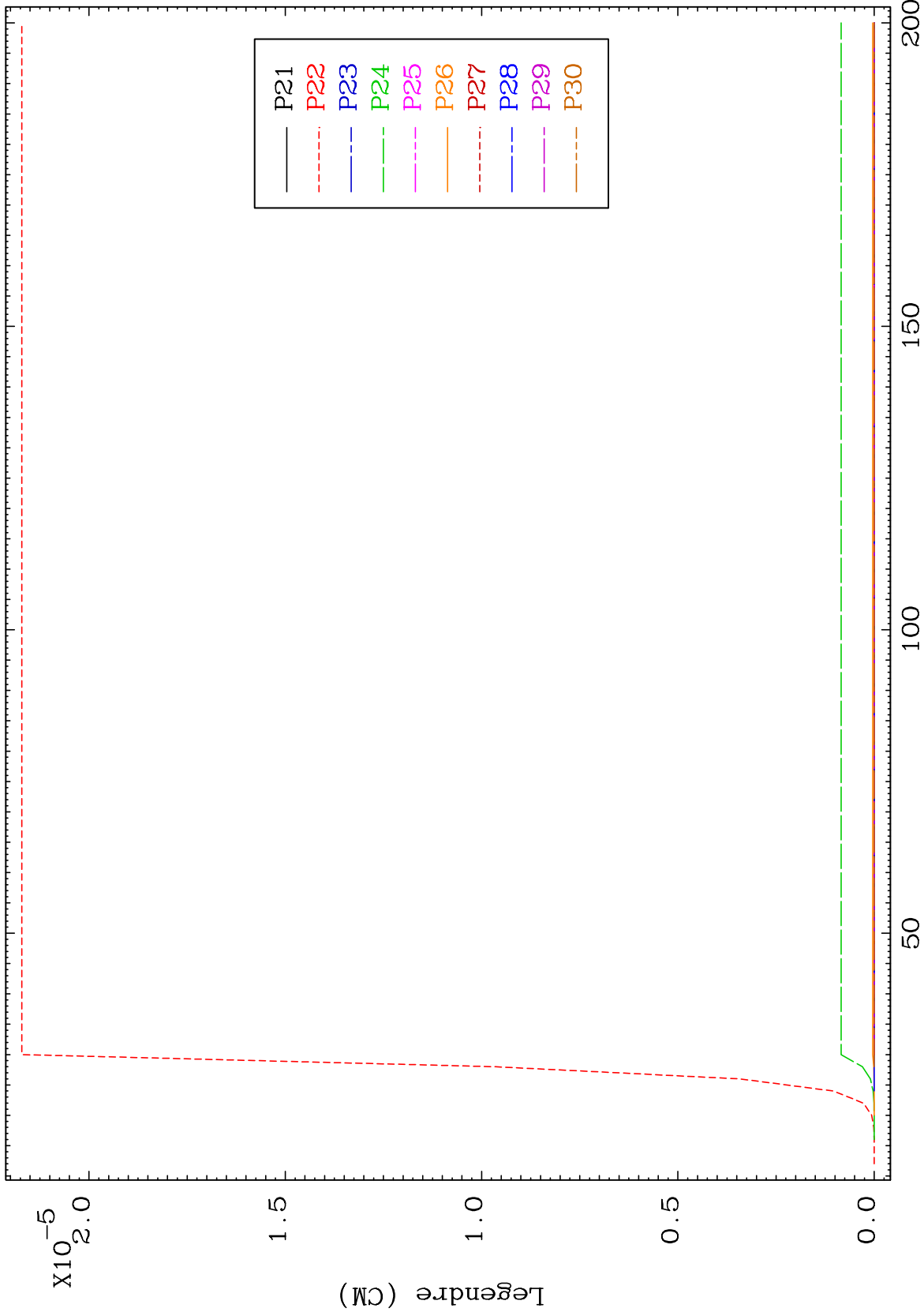
81-T1-204

81-T1-204

MAT 8128

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

81-T1-204



26

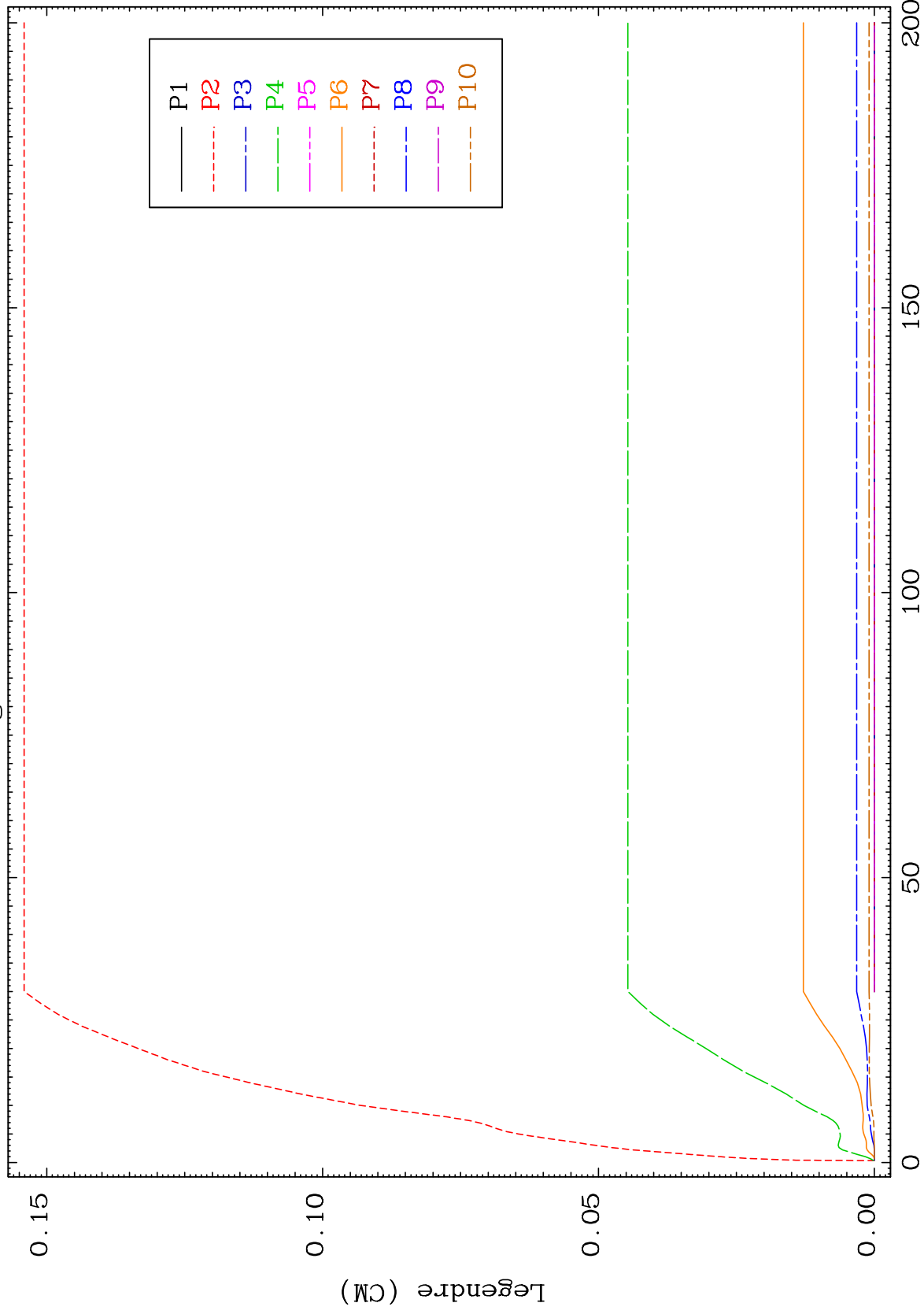
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



27

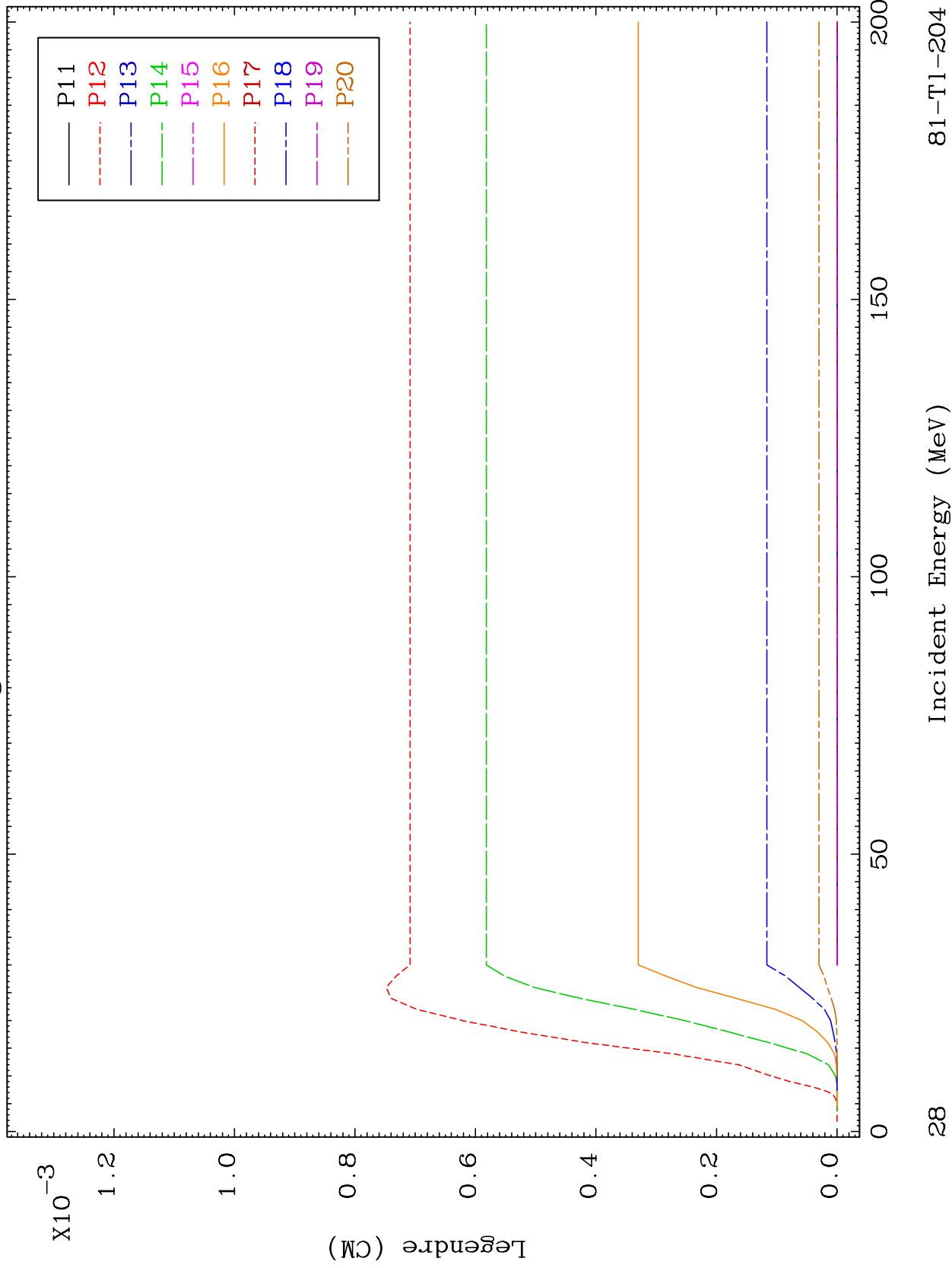
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



28

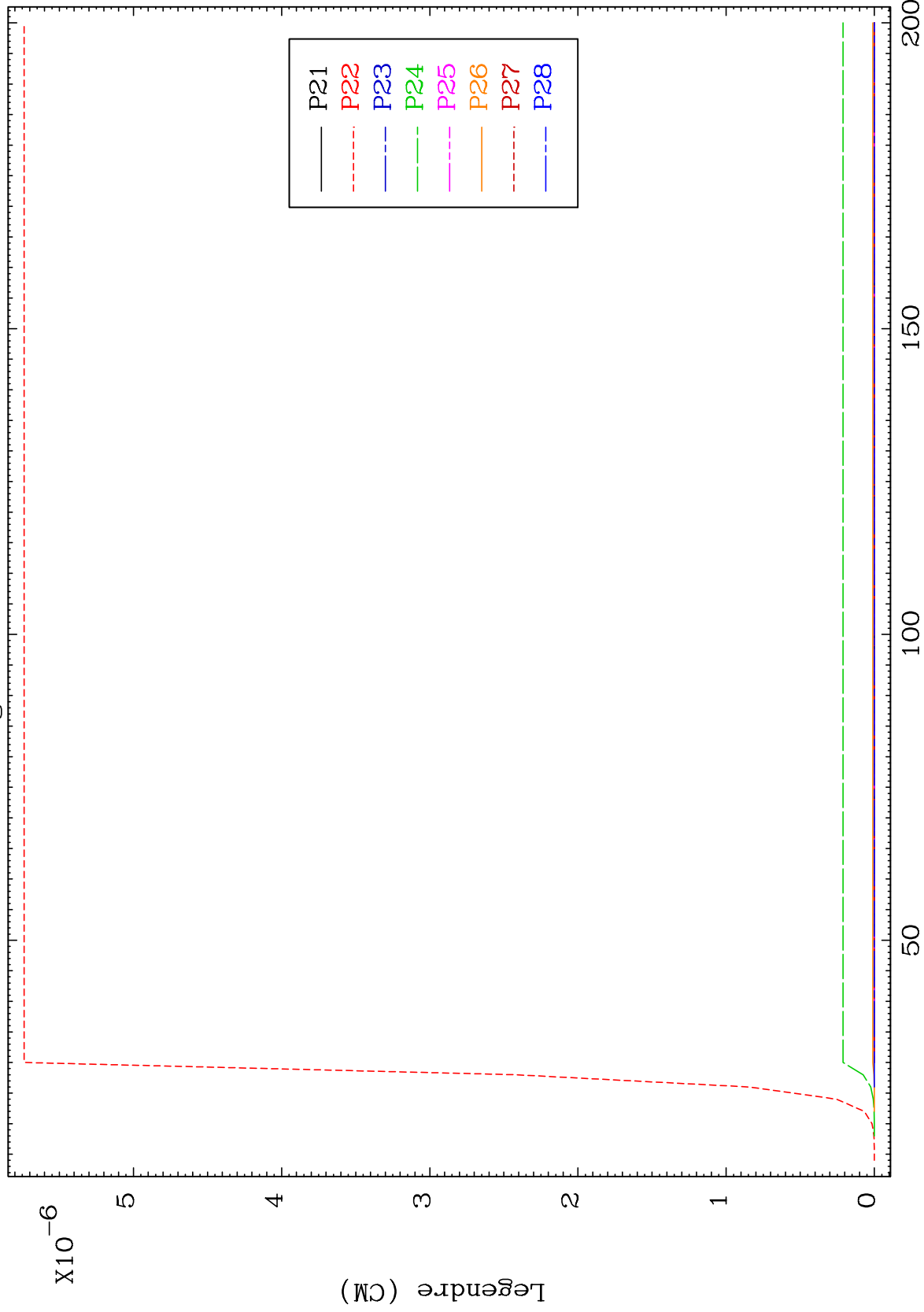
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



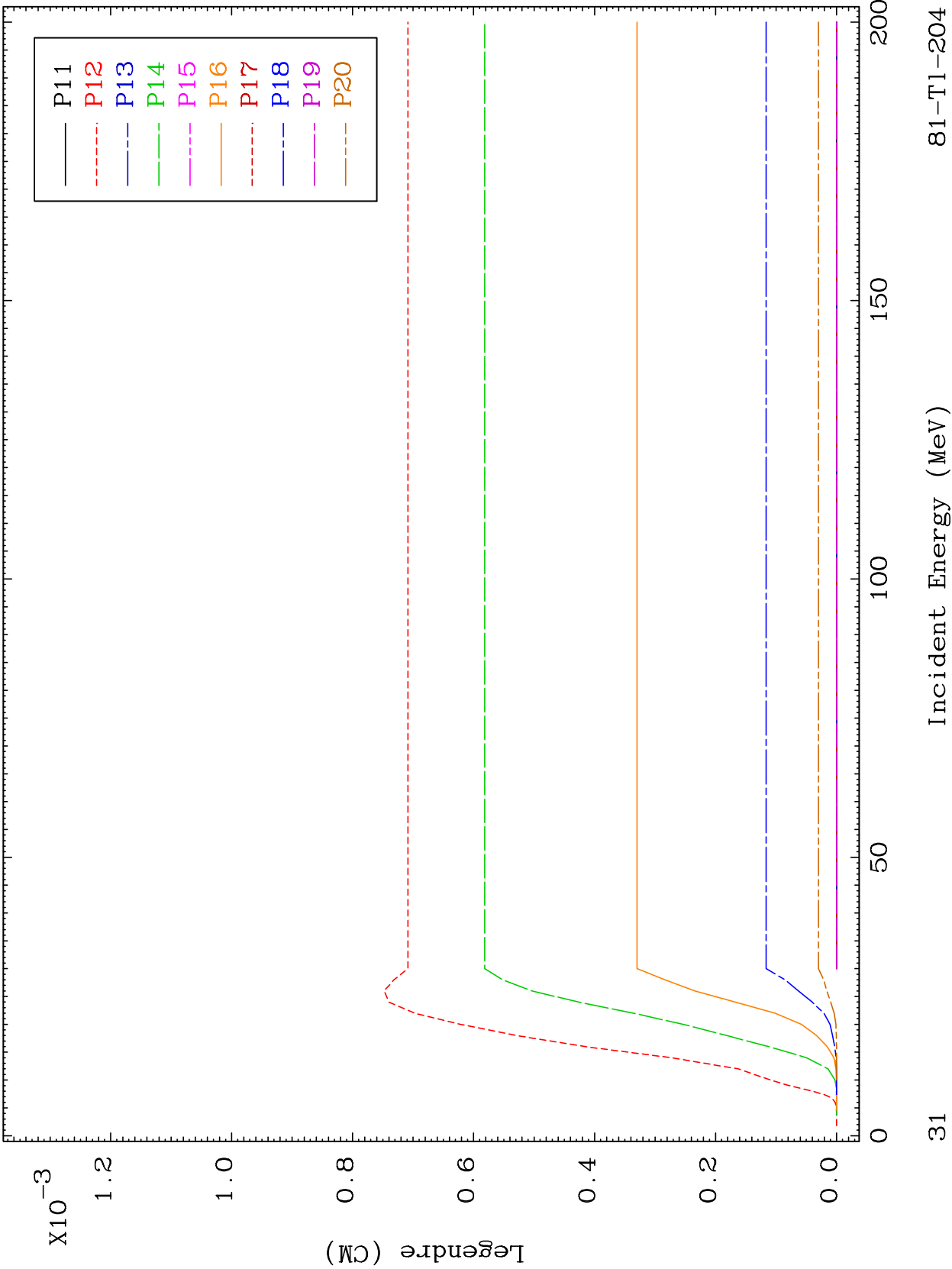
29

81-T1-204

MAT 8128

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

81-T1-204



31

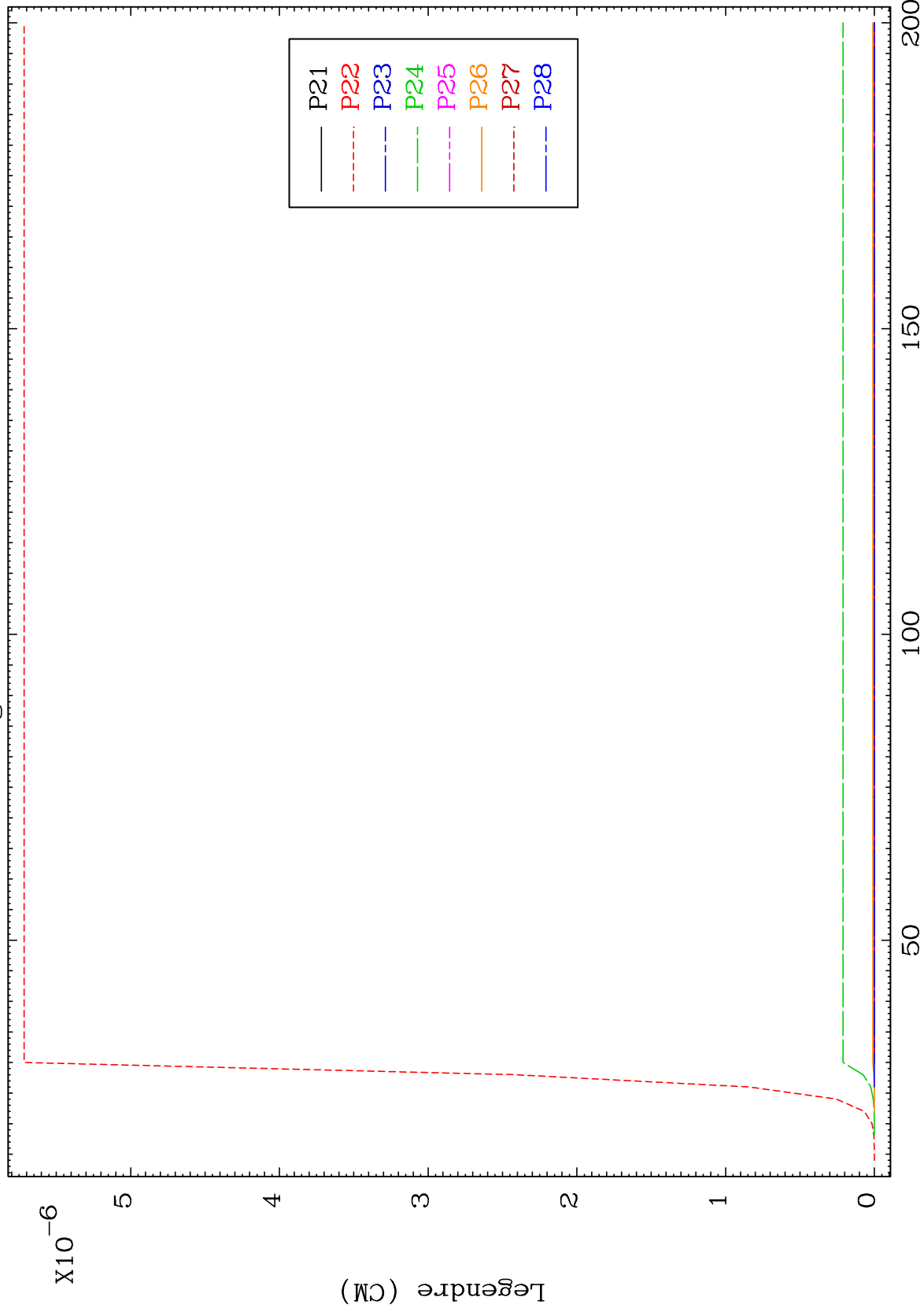
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



32

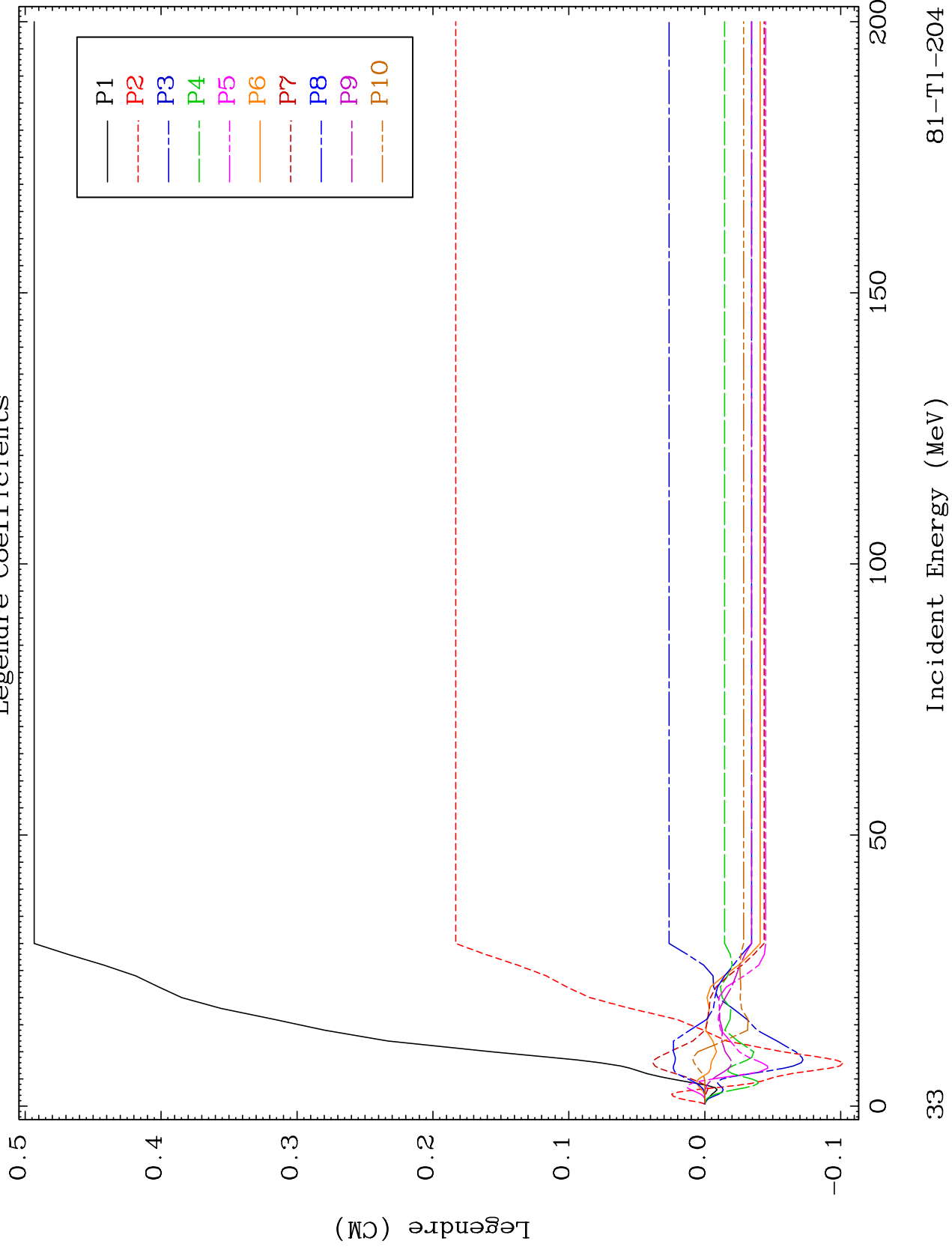
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



33

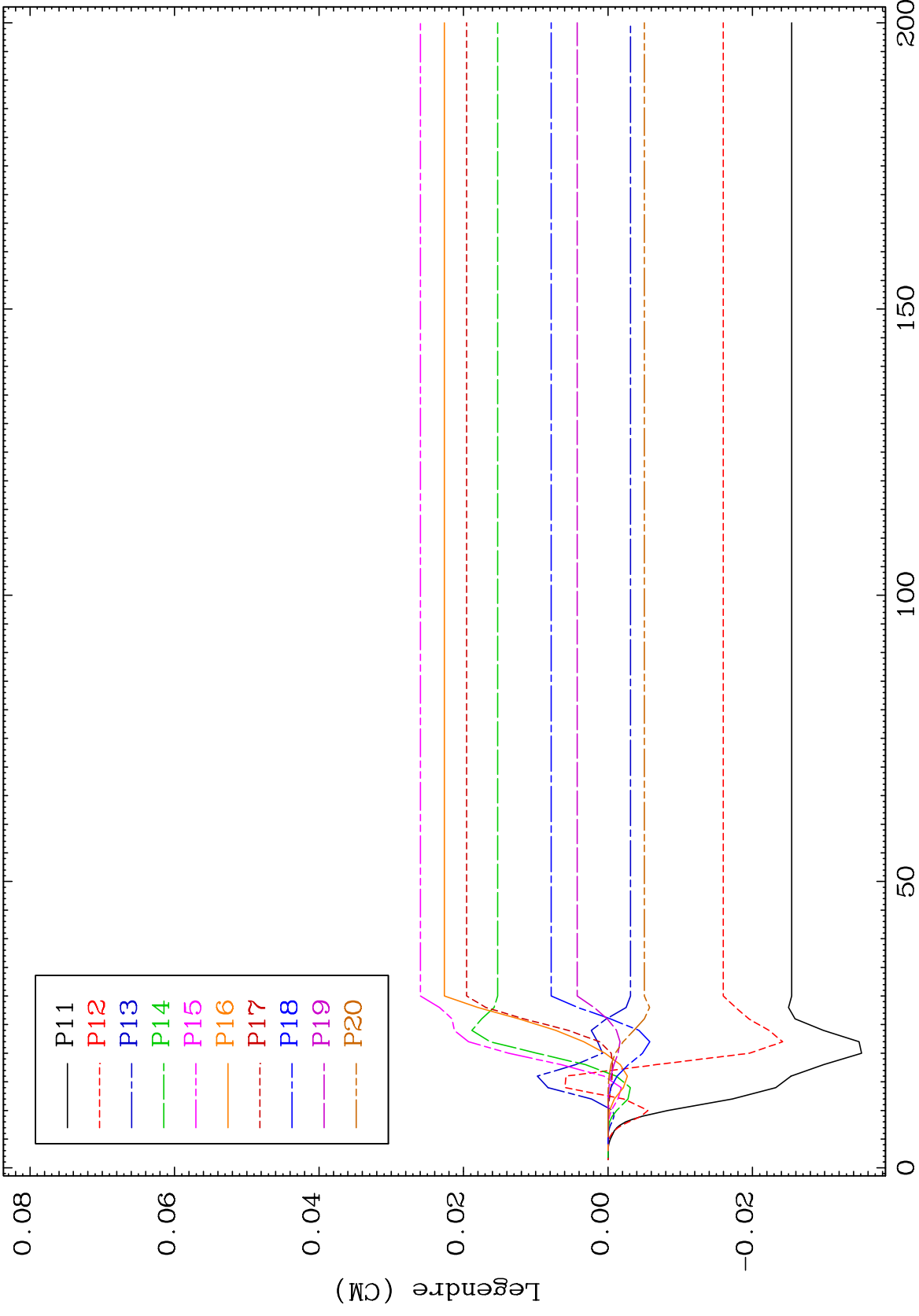
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



34

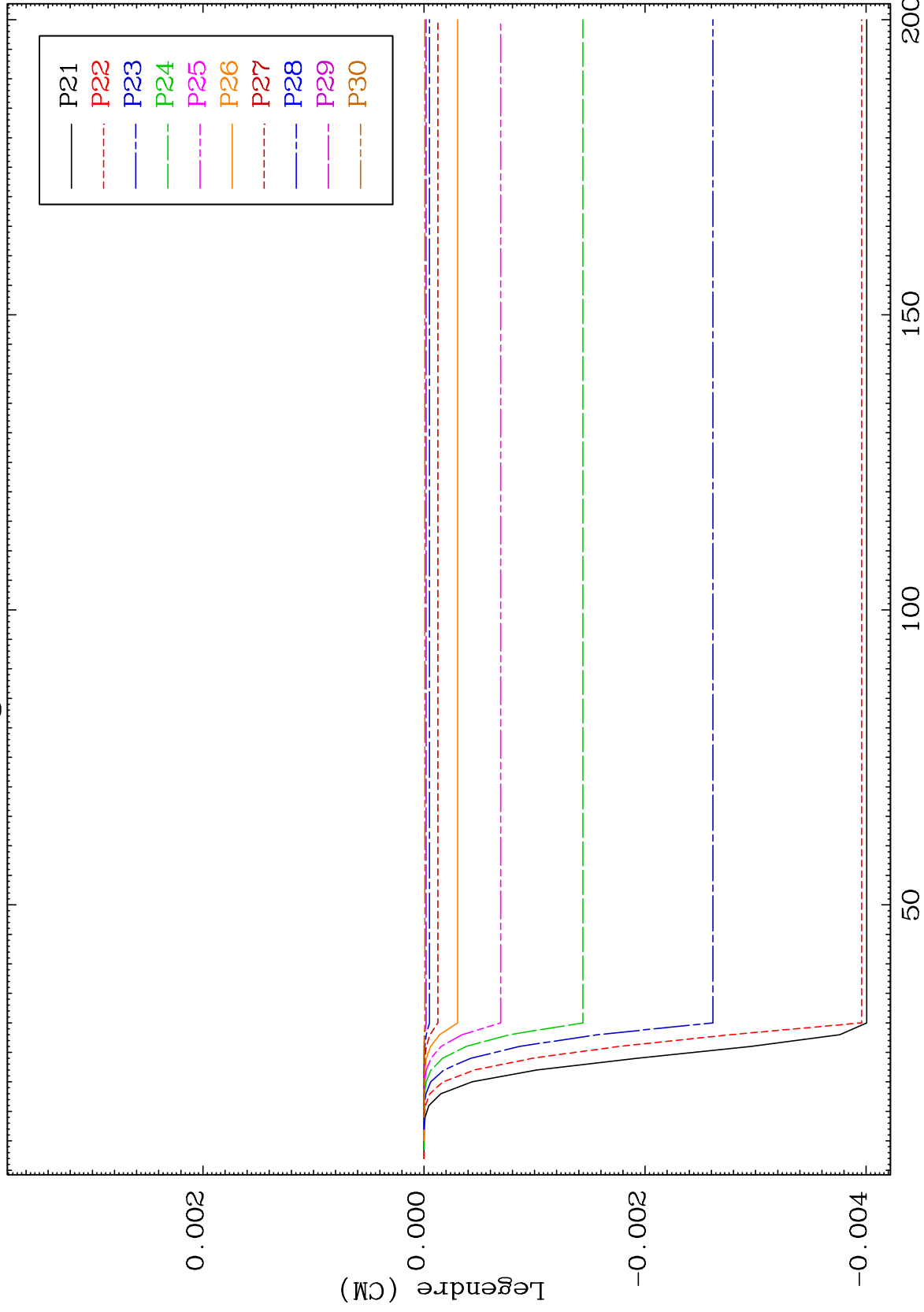
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



35

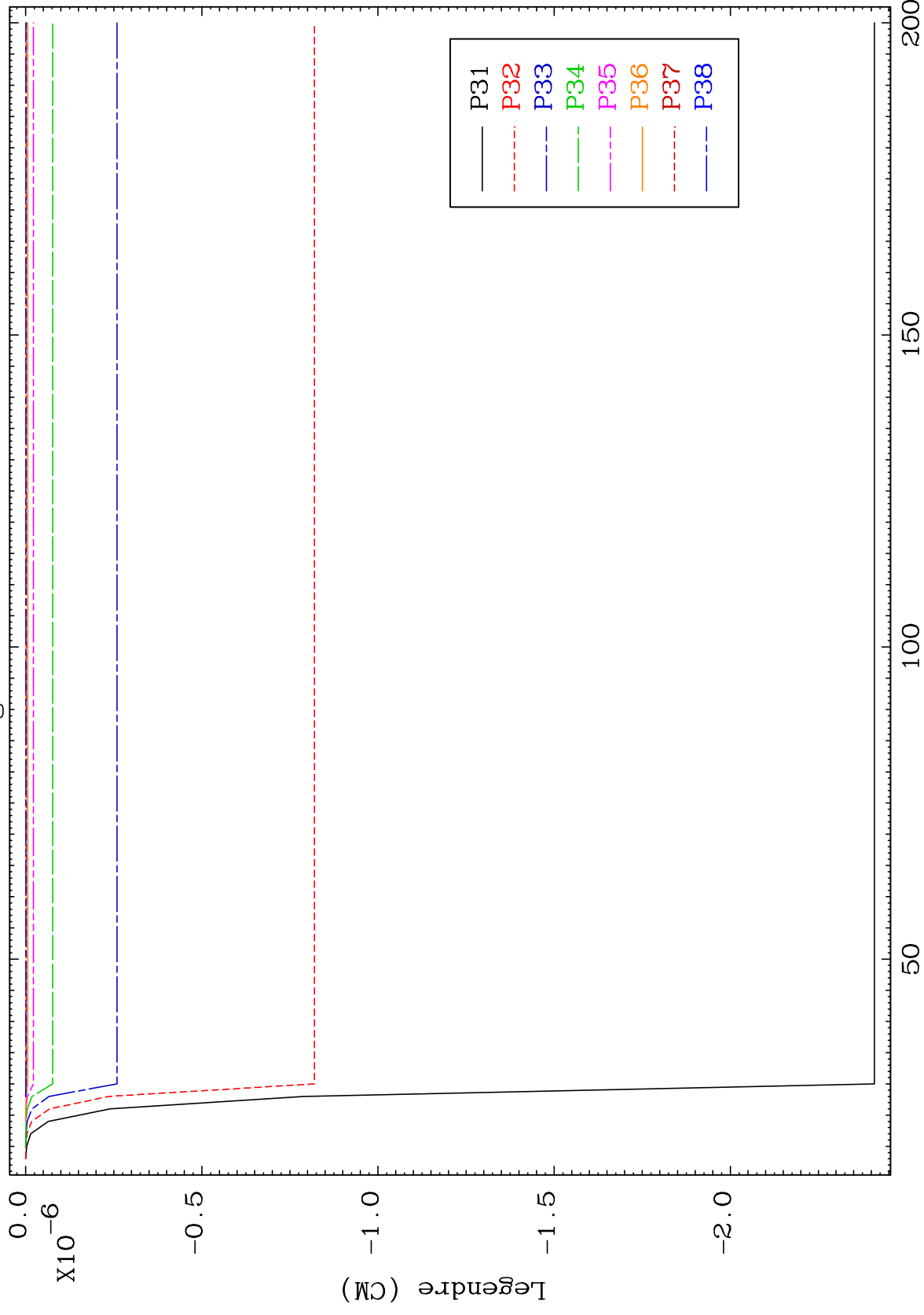
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



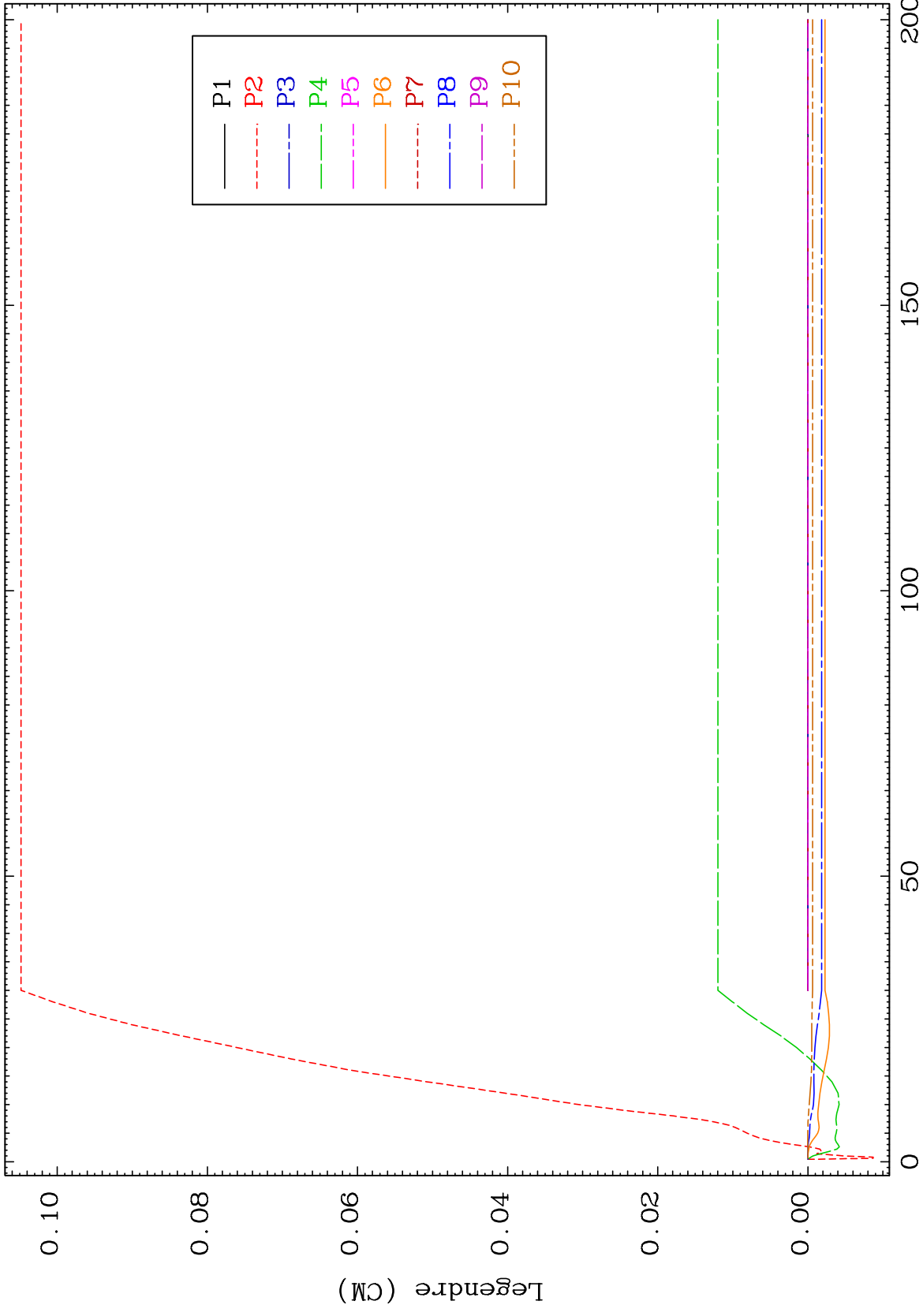
36

81-T1-204

MAT 8128

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

81-T1-204



37

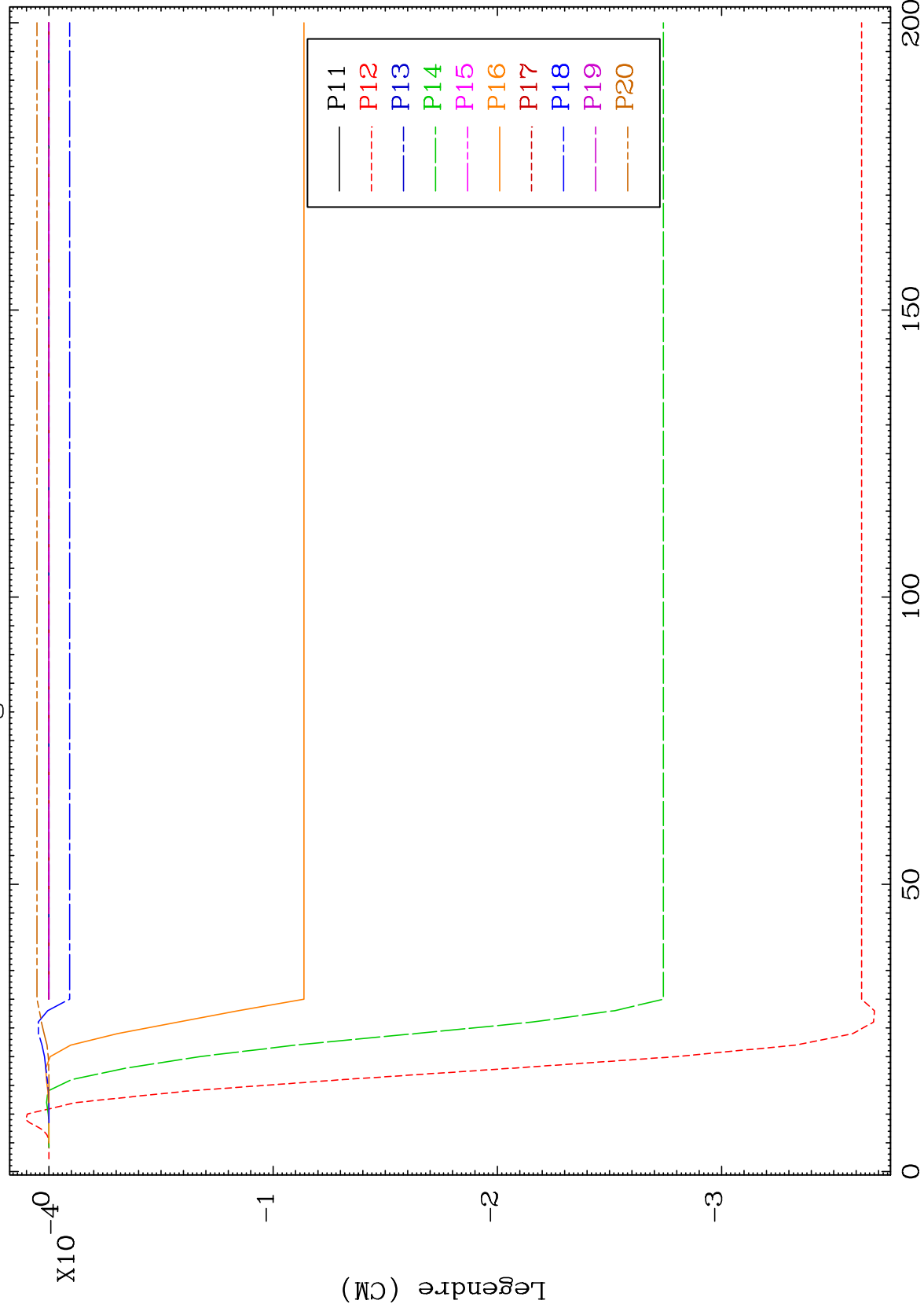
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



38

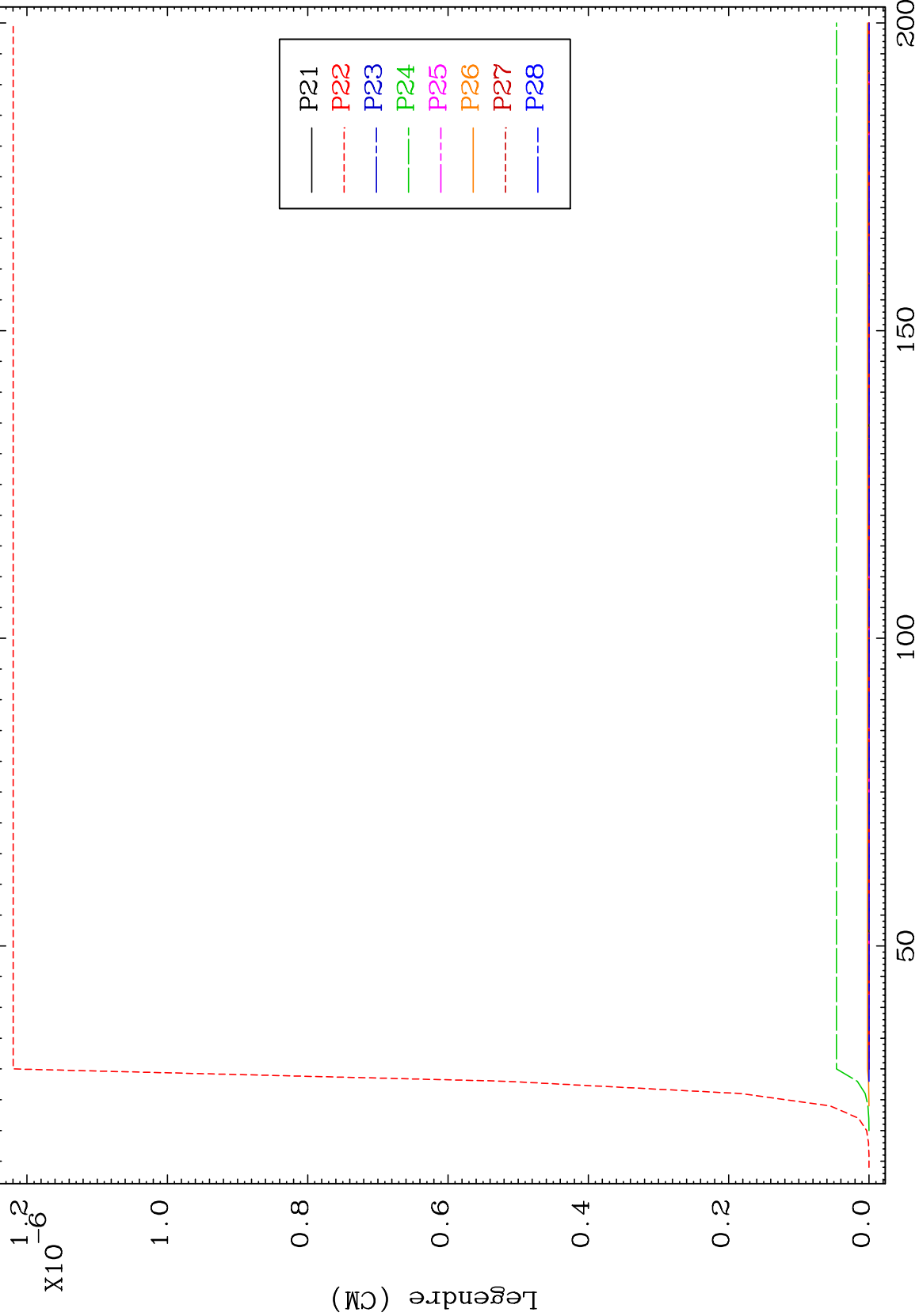
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



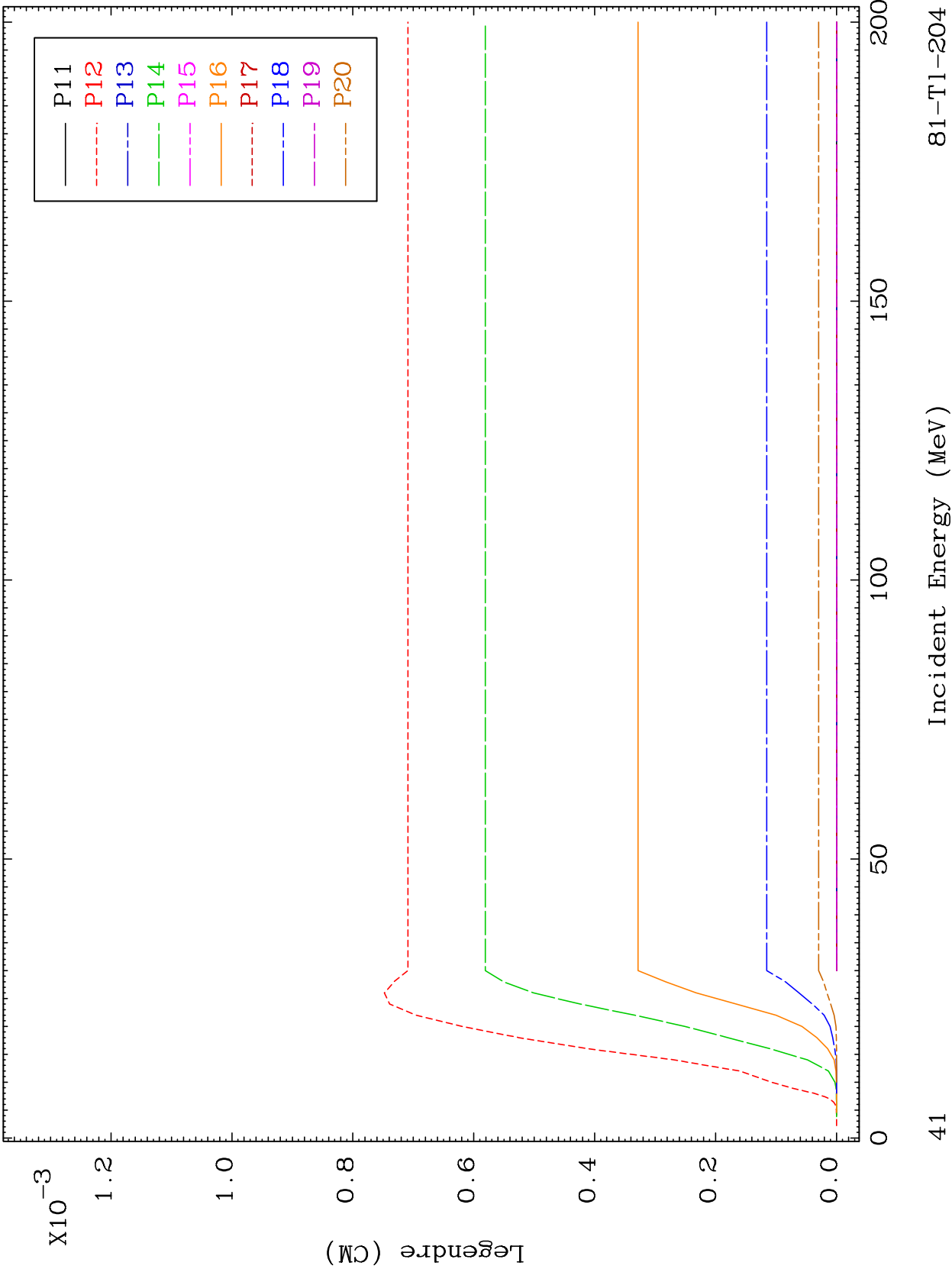
39

81-T1-204

MAT 8128

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

81-T1-204



41

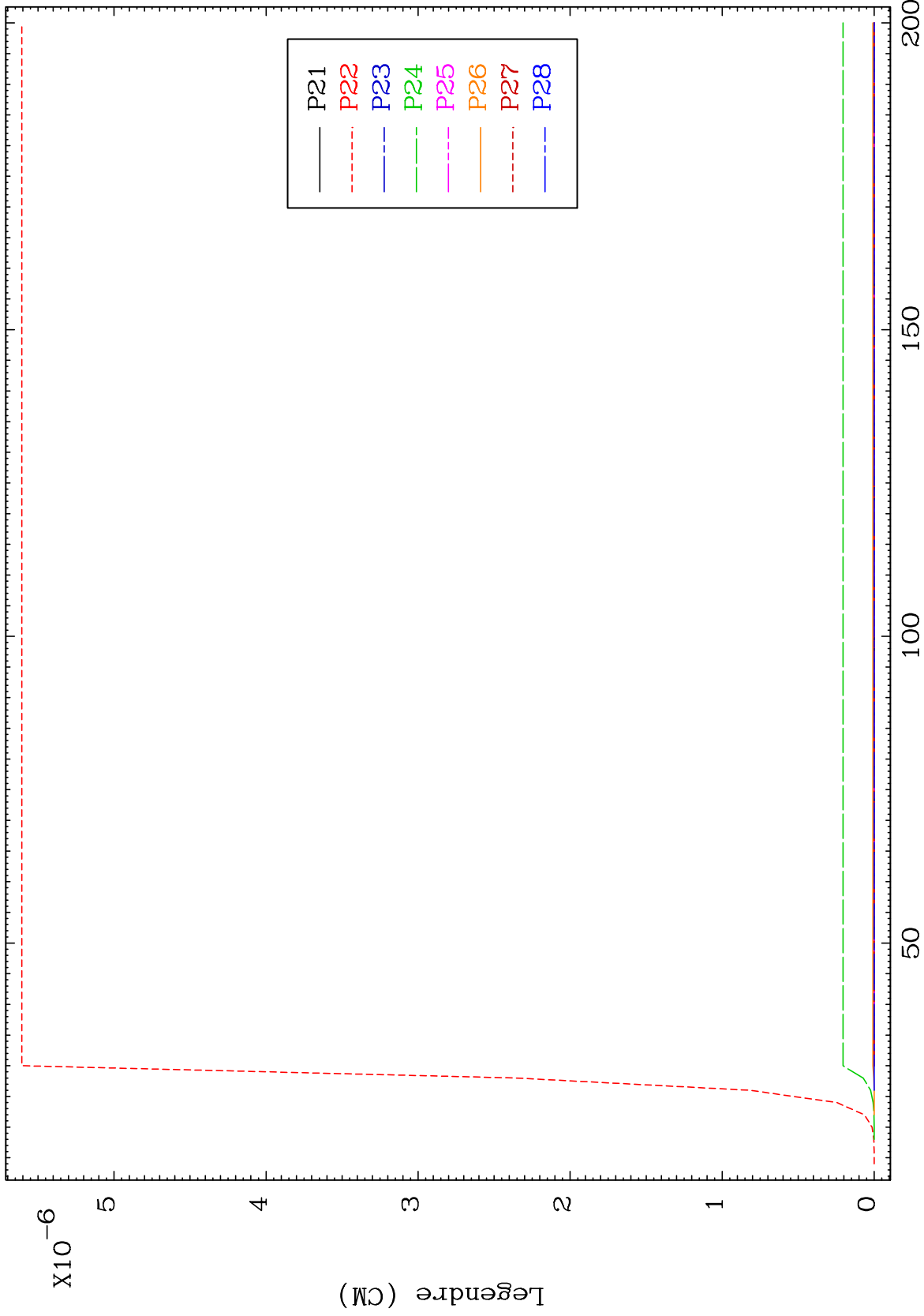
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



42

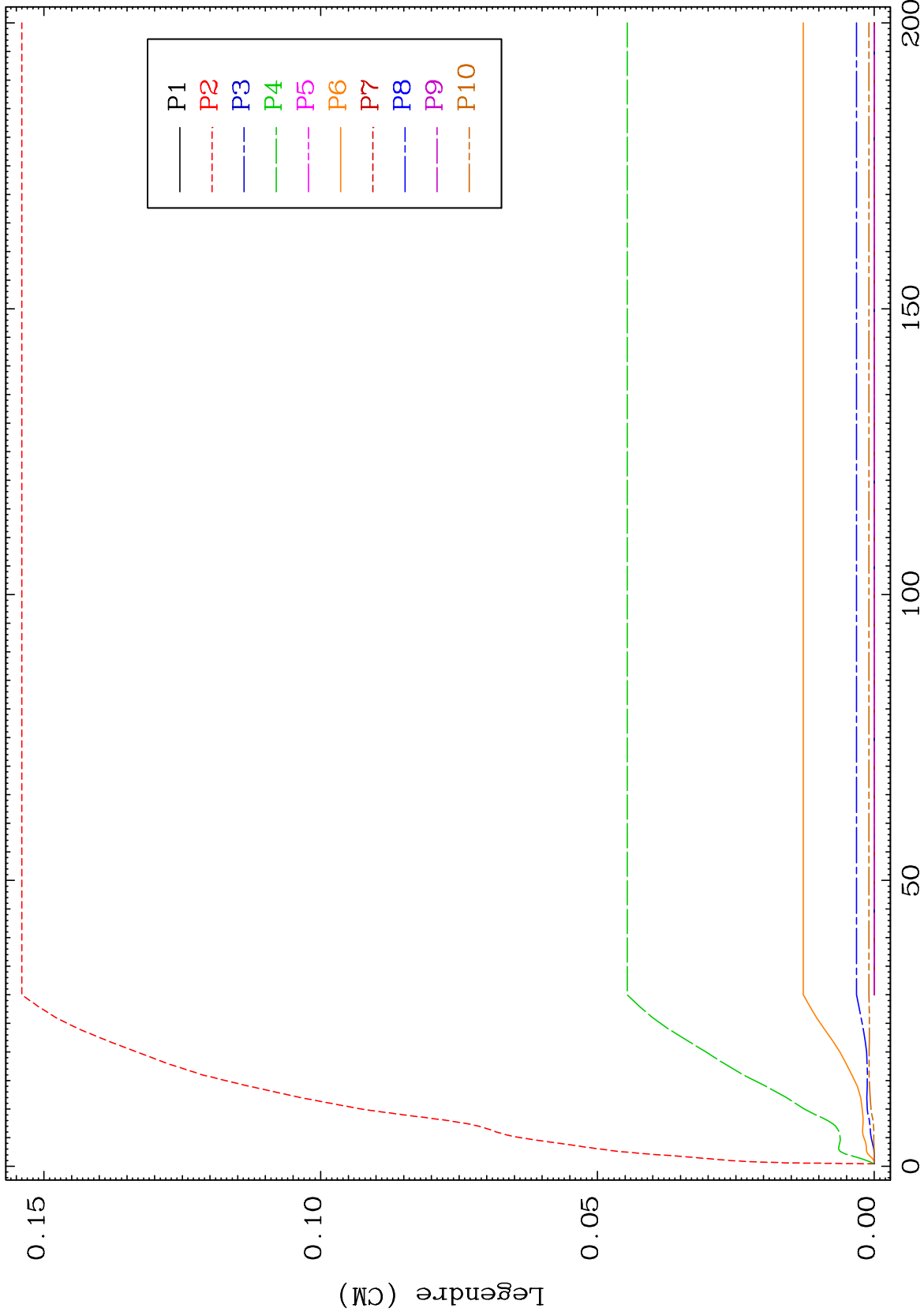
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



43

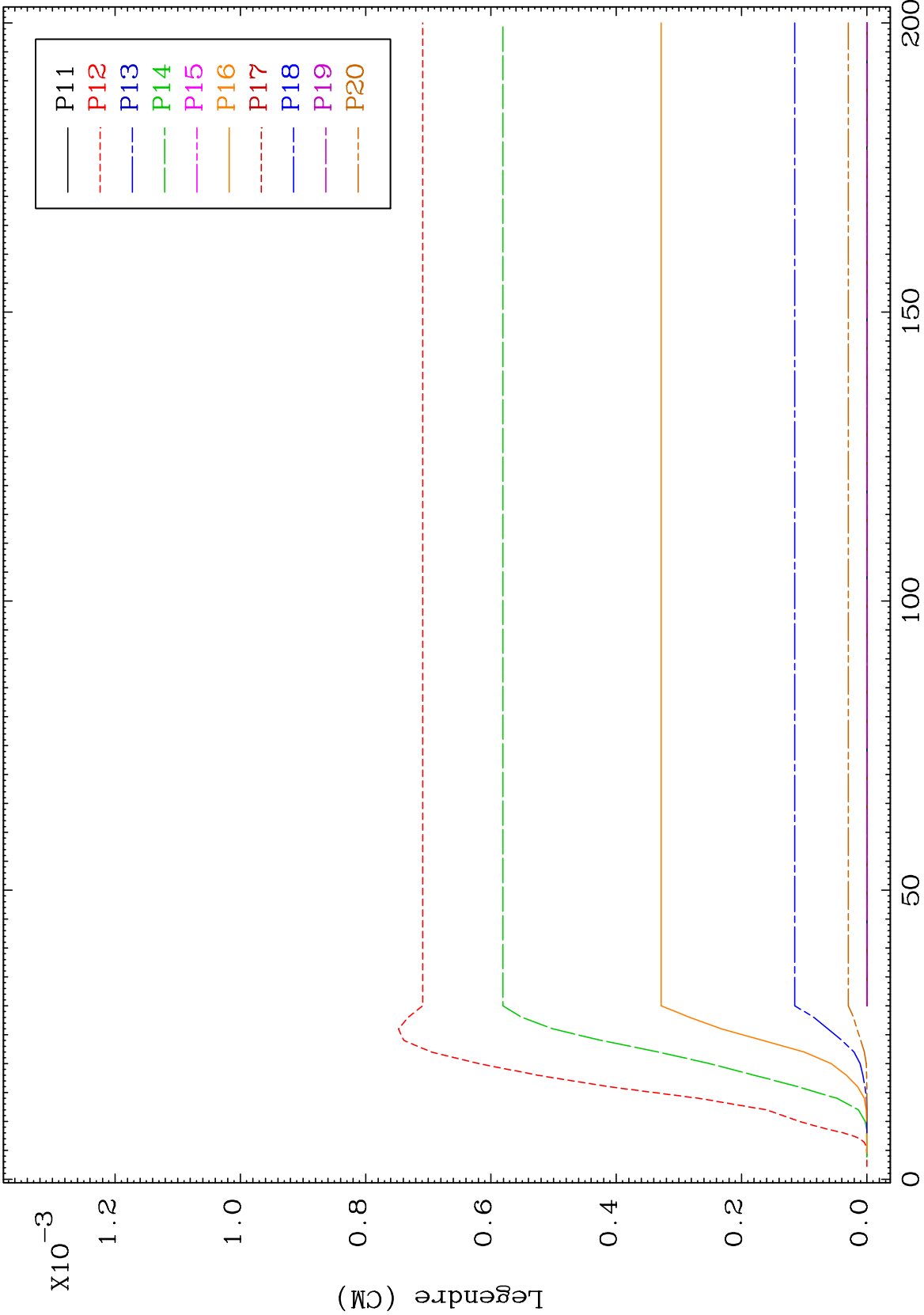
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



44

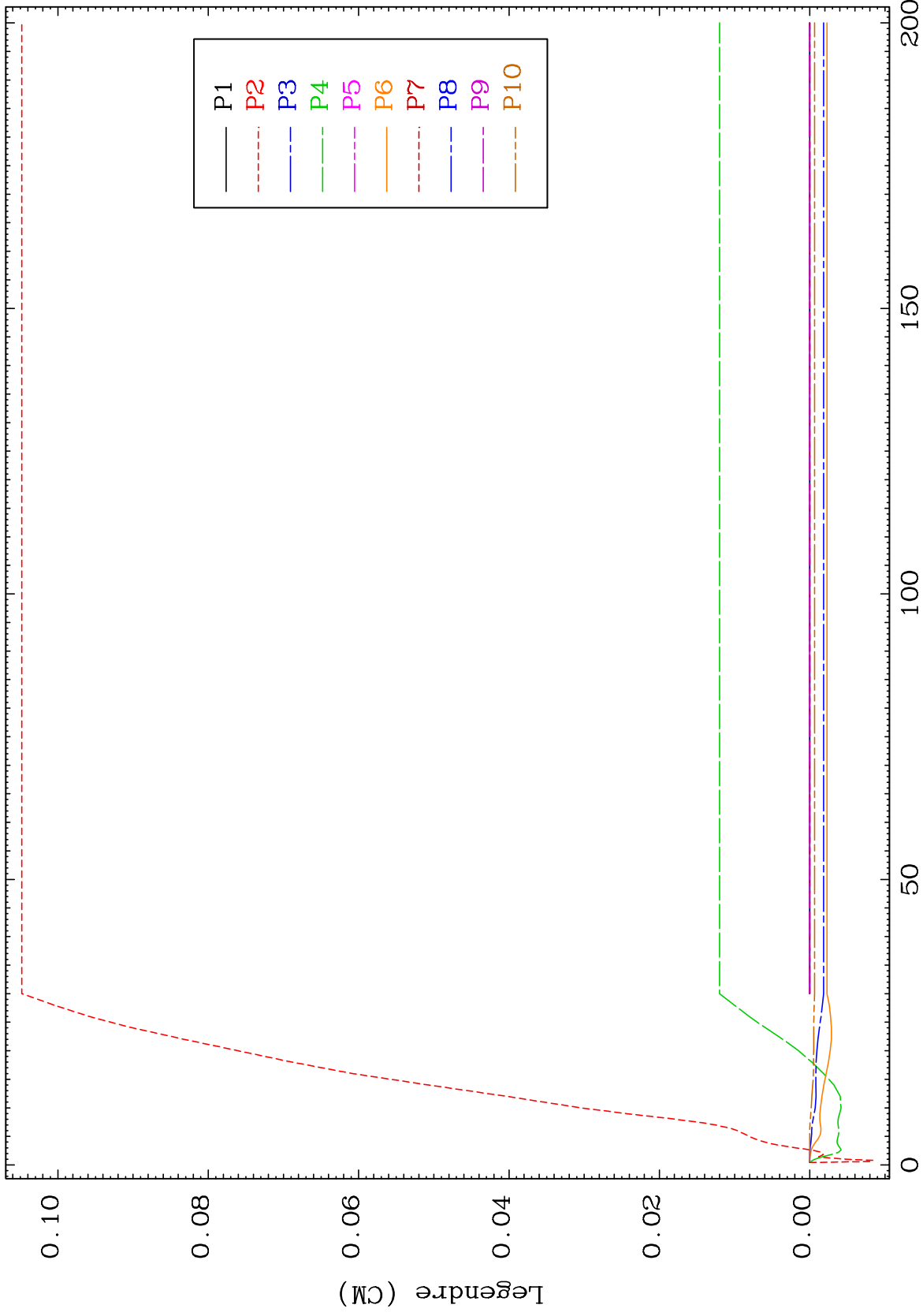
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



46

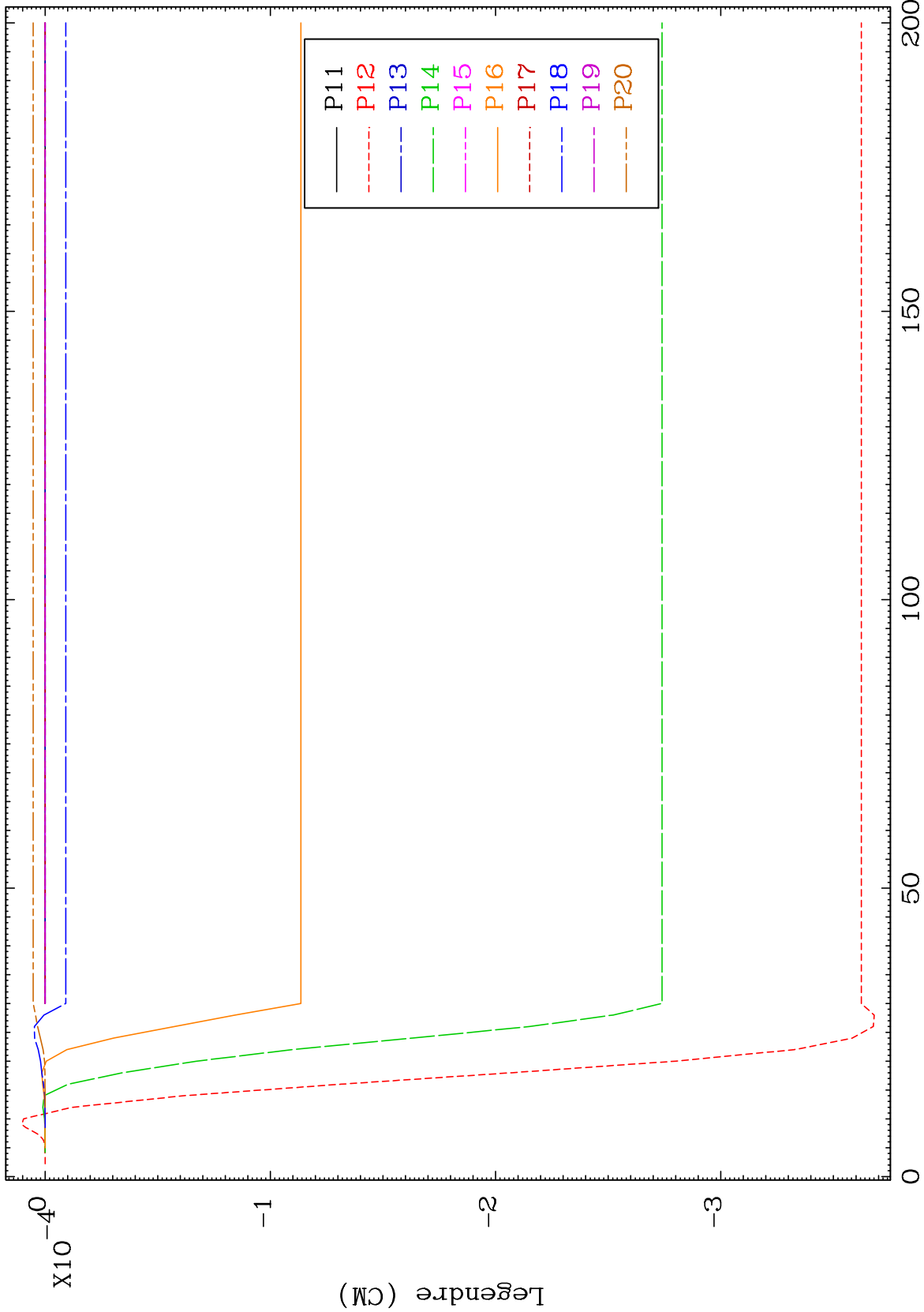
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



47

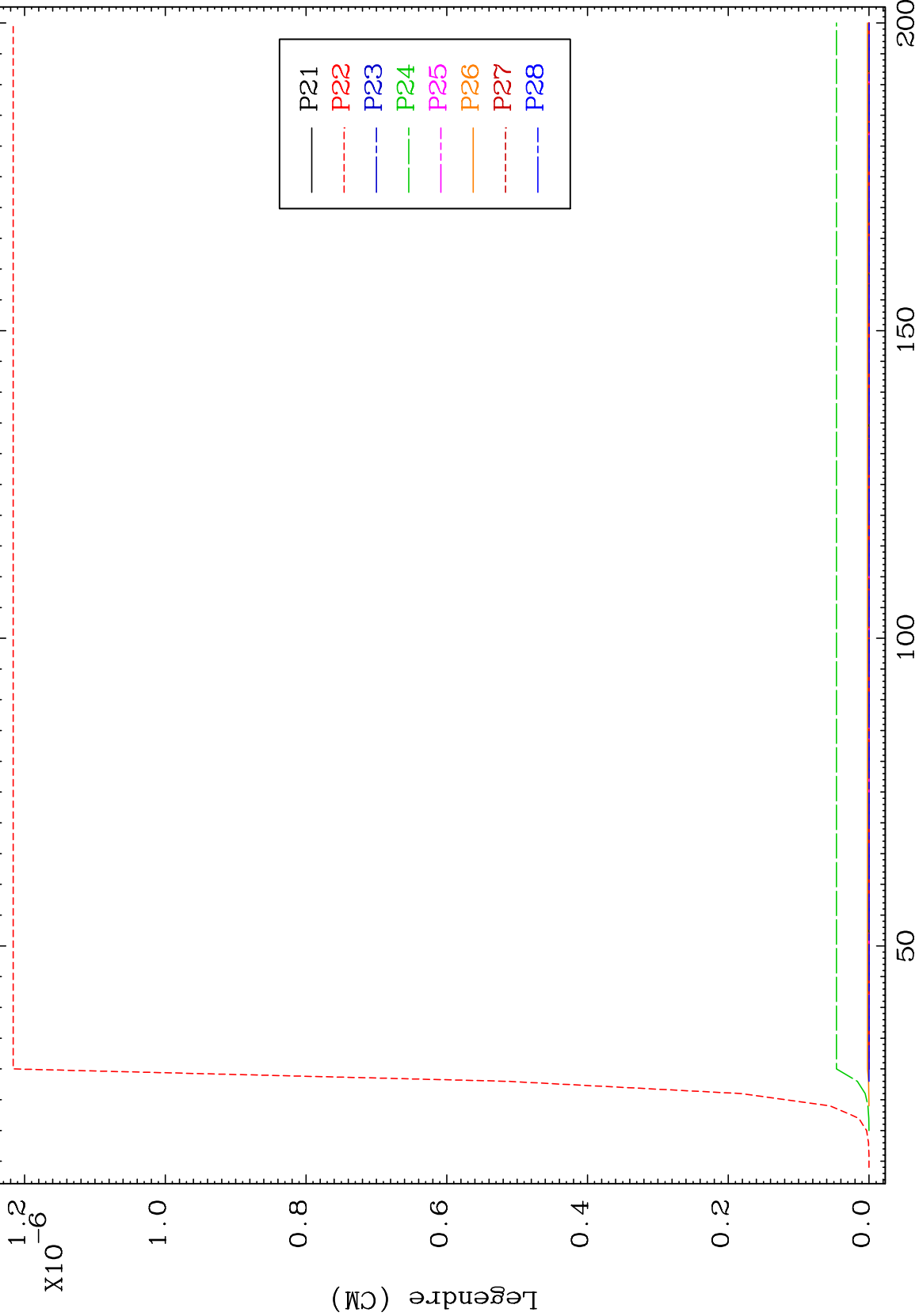
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



48

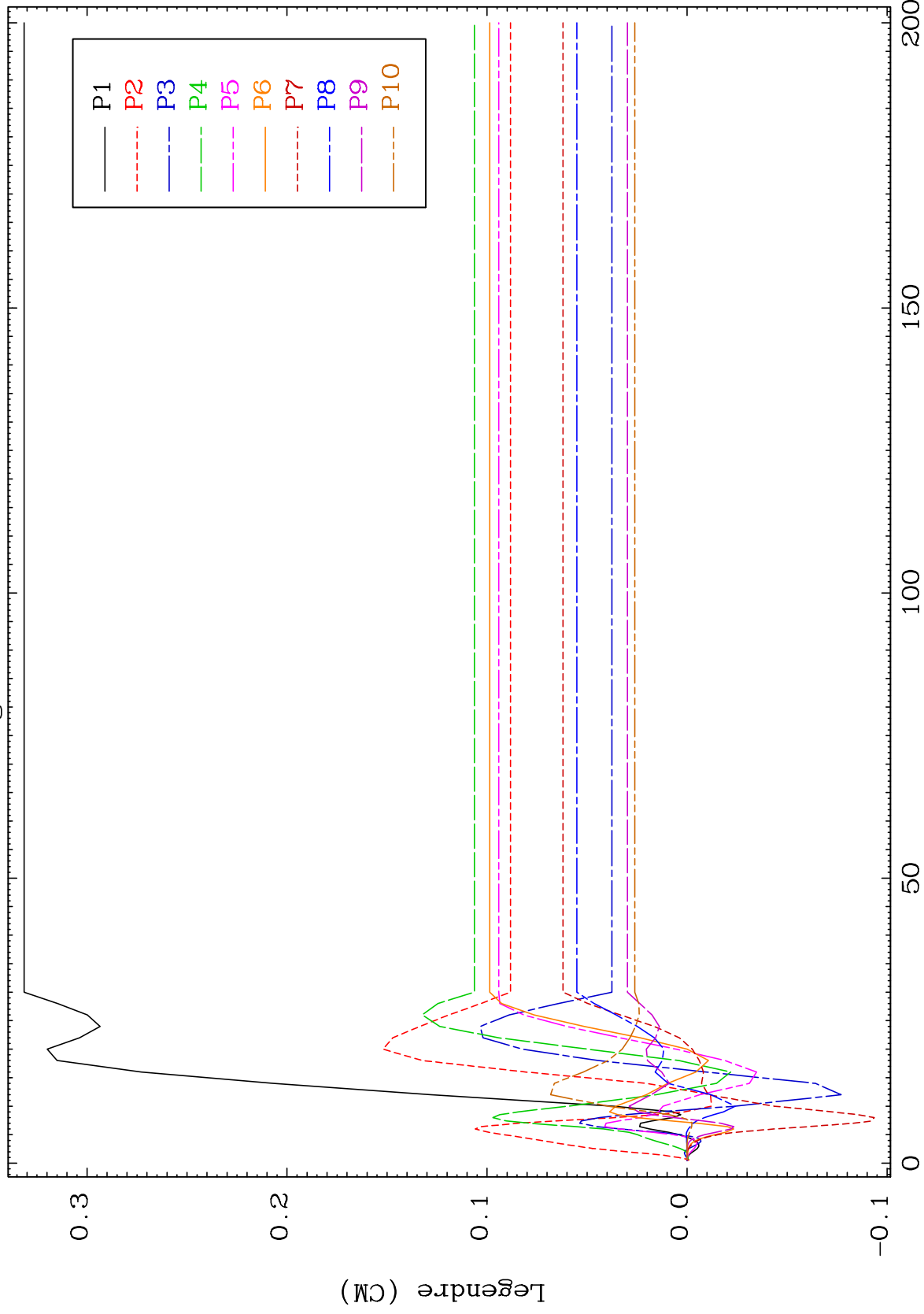
Incident Energy (MeV)

81-T1-204

MAT 8128

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

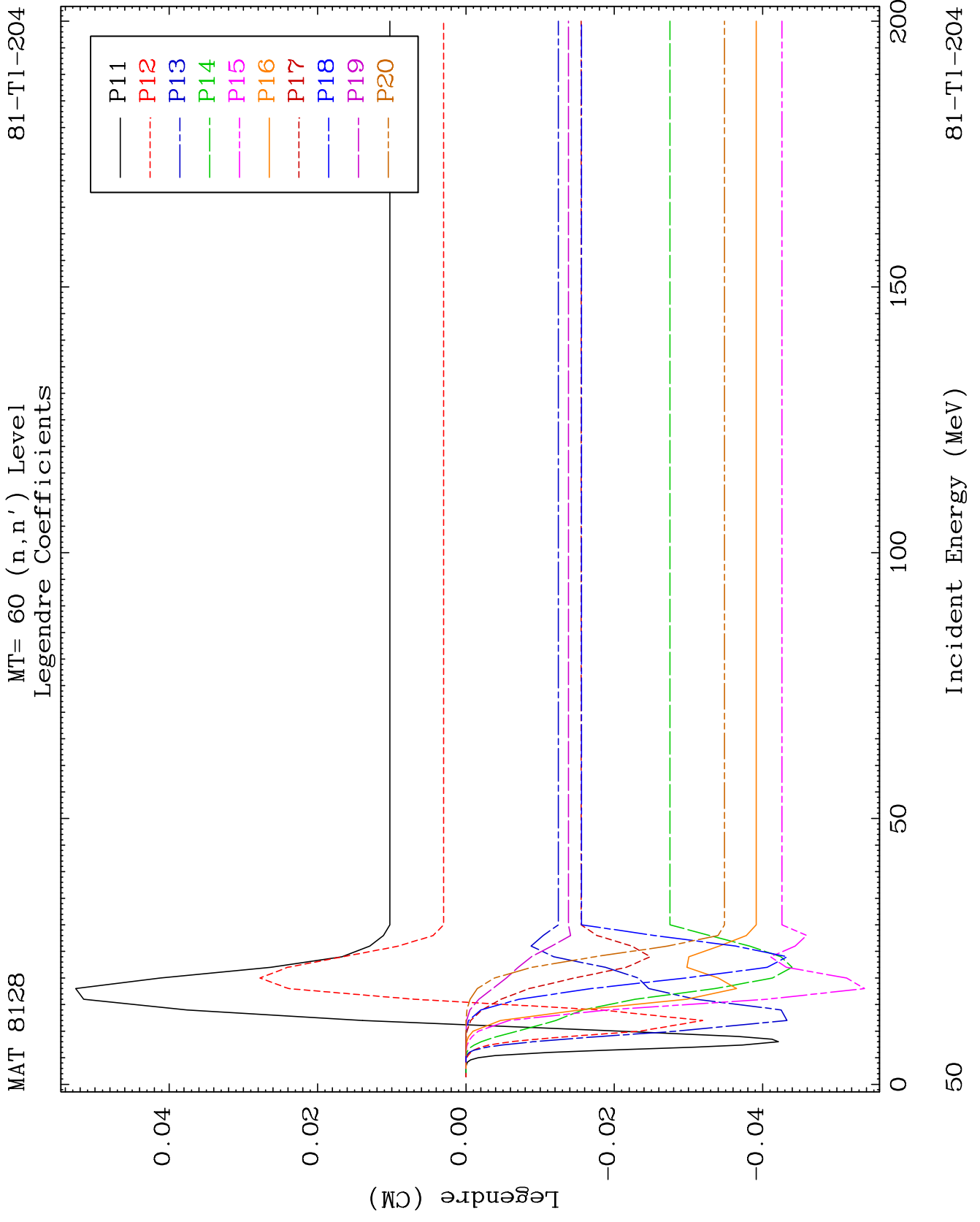
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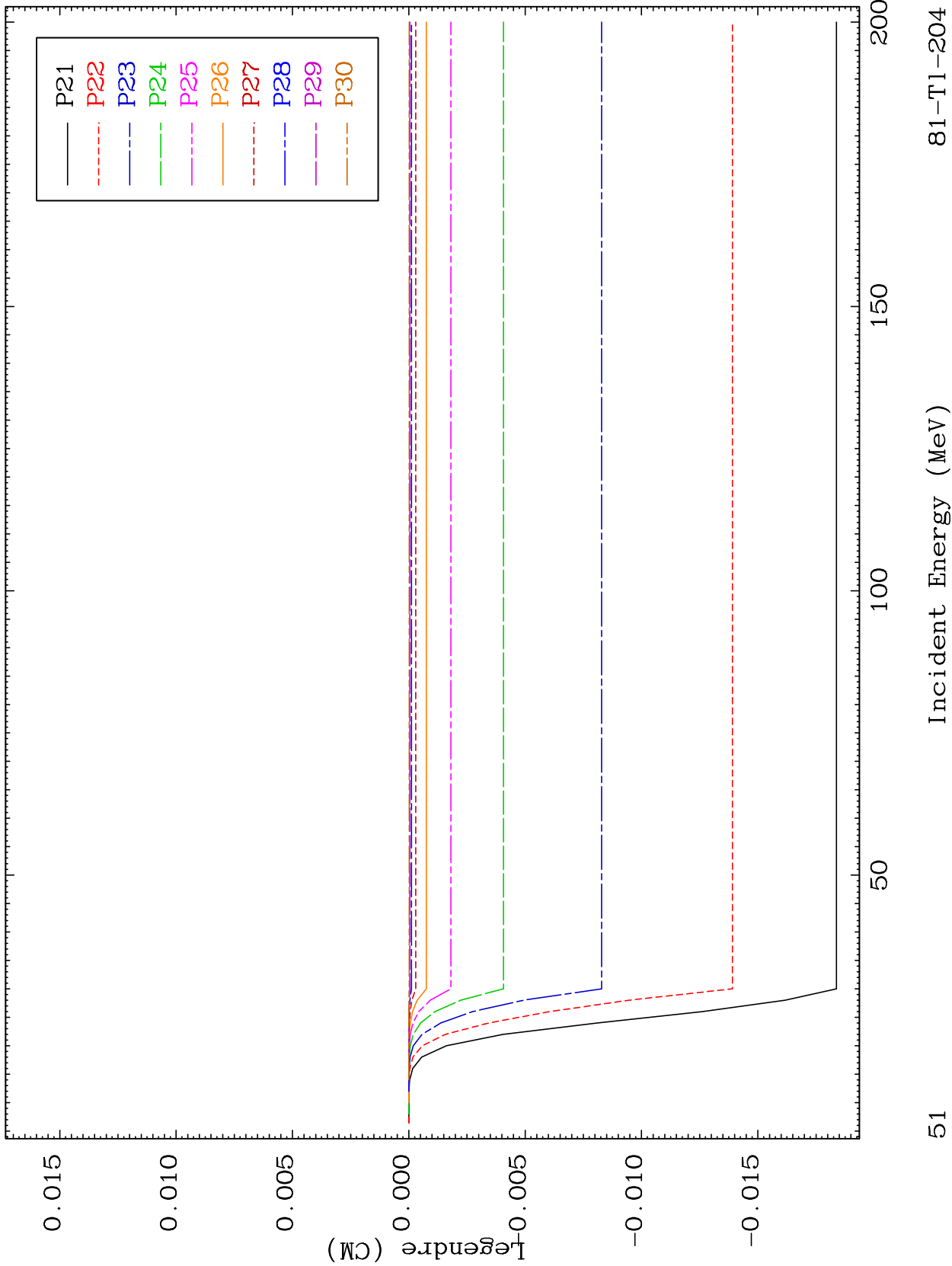


49

Incident Energy (MeV)

81-T1-204

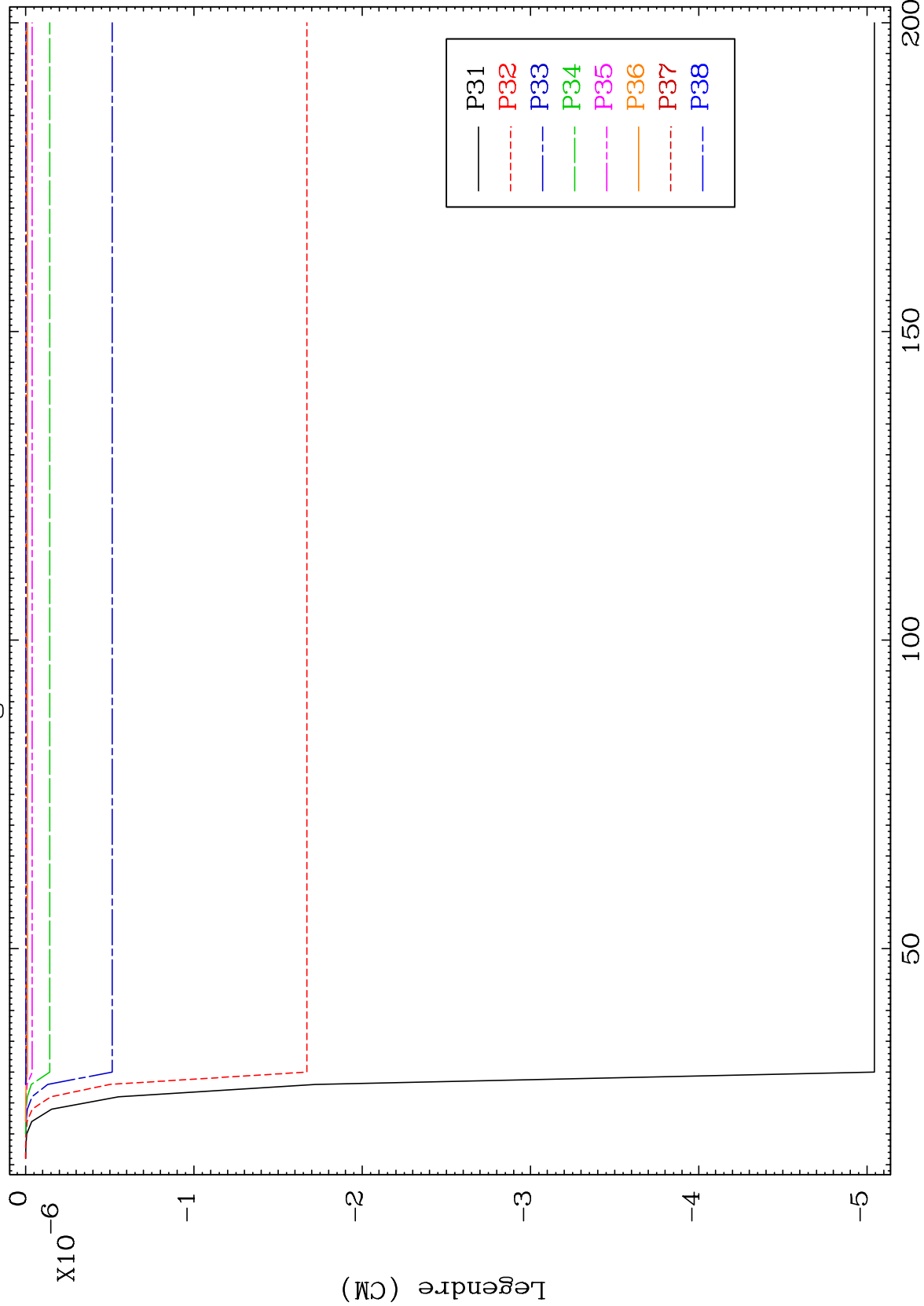




MAT 8128

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

81-T1-204



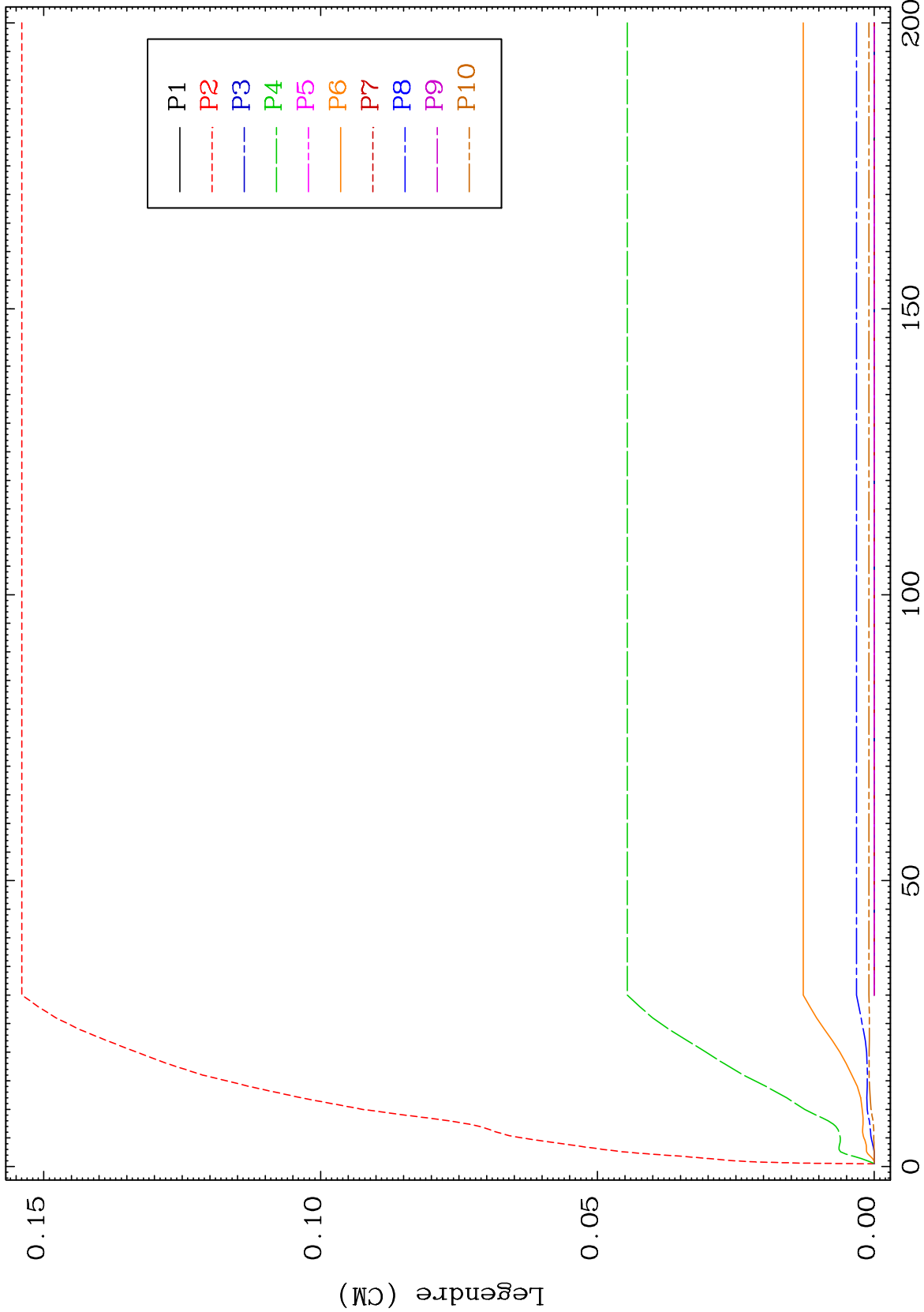
52

81-T1-204

MAT 8128

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

81-T1-204



53

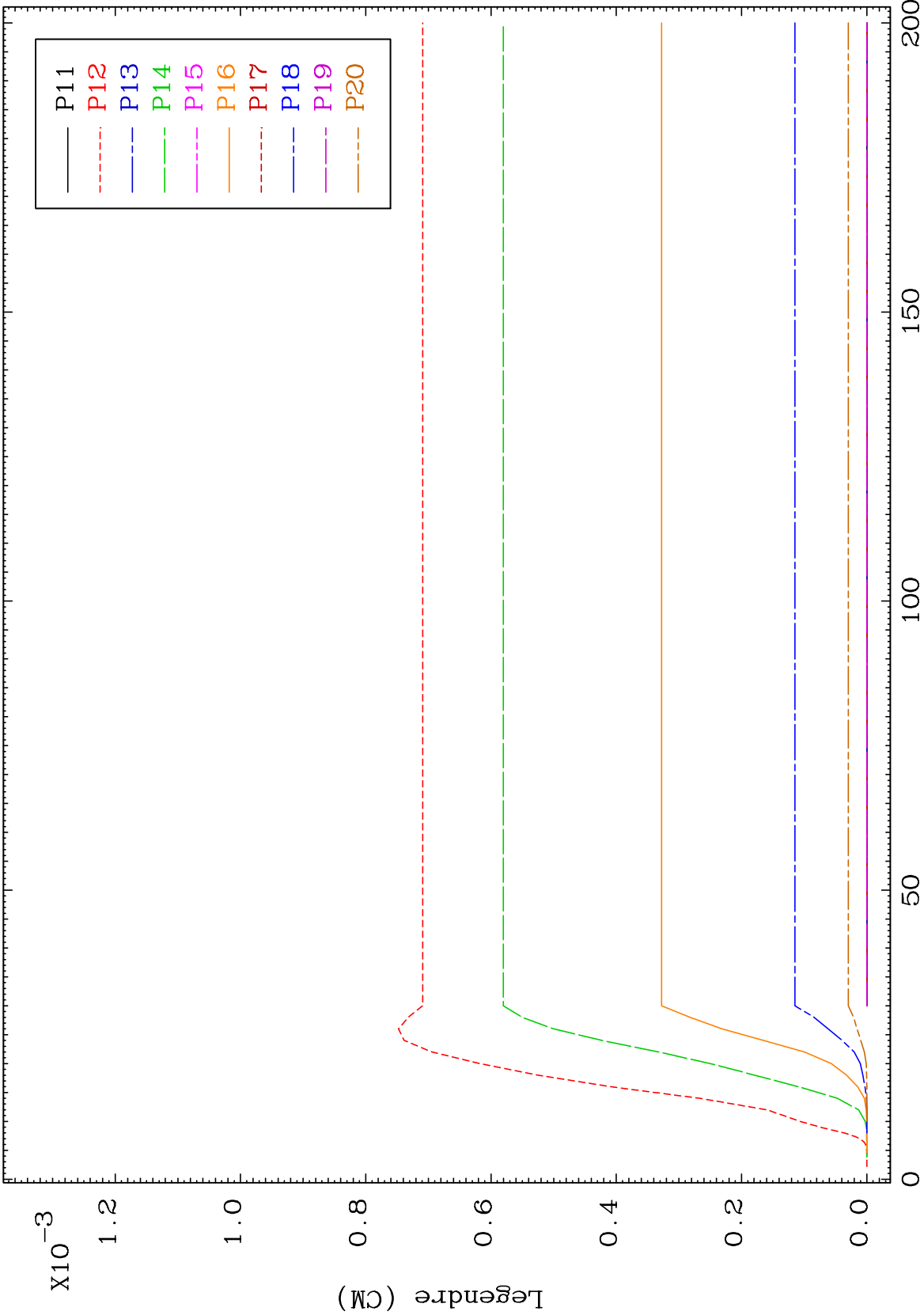
Incident Energy (MeV)

81-T1-204

MAT 8128

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

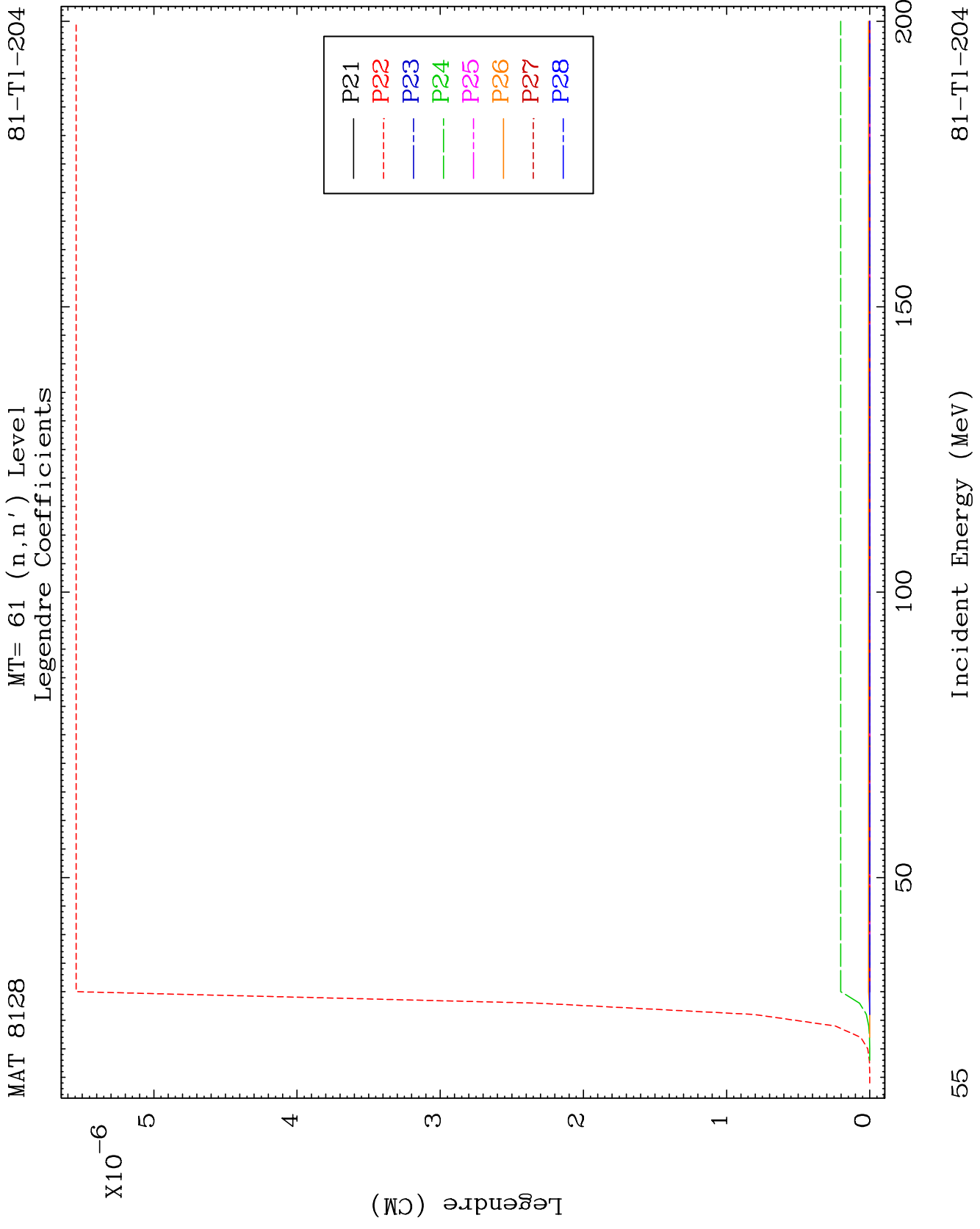
81-T1-204



54

Incident Energy (MeV)

81-T1-204



81-T1-204

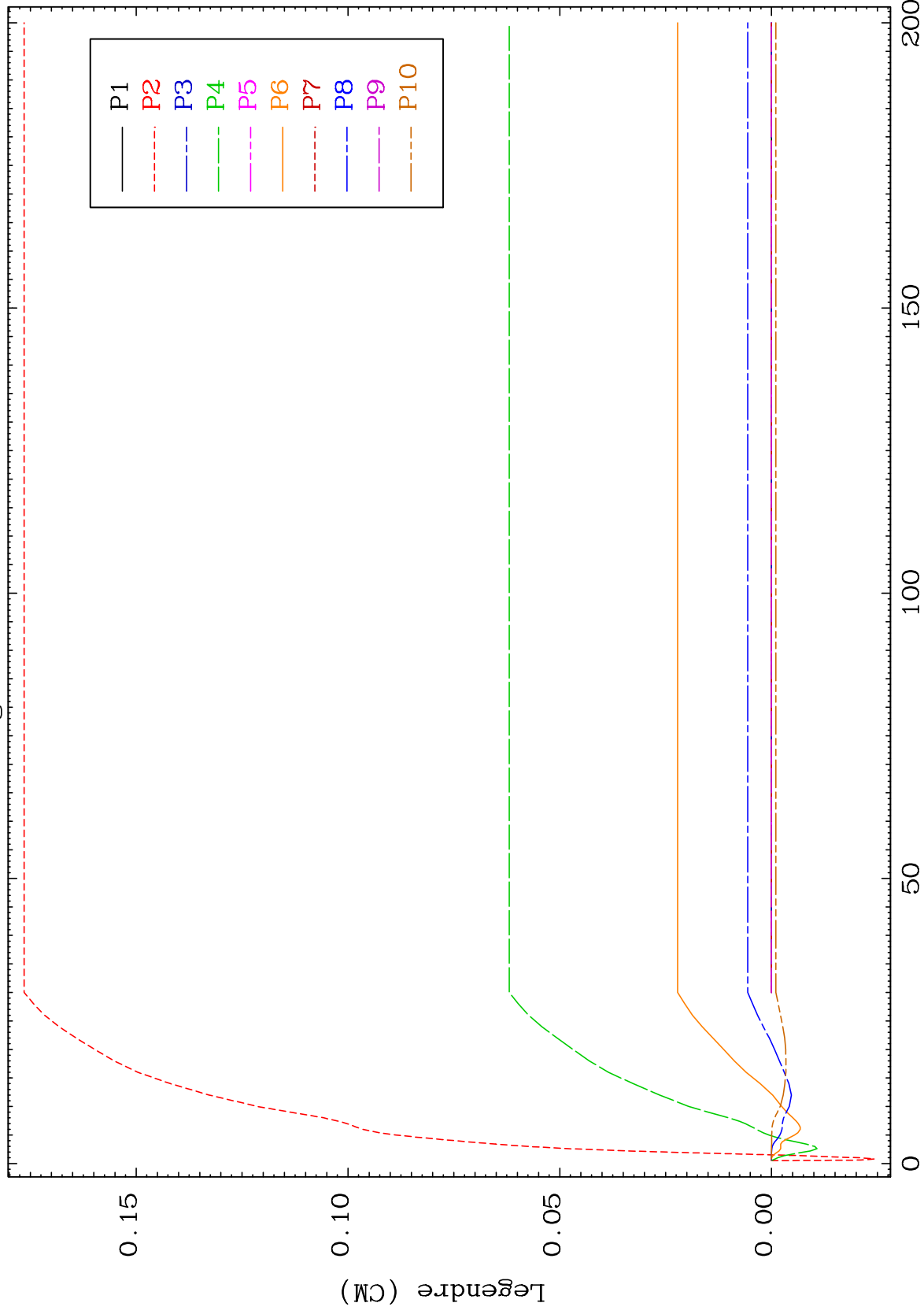
Incident Energy (MeV)

55

MAT 8128

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

81-T1-204



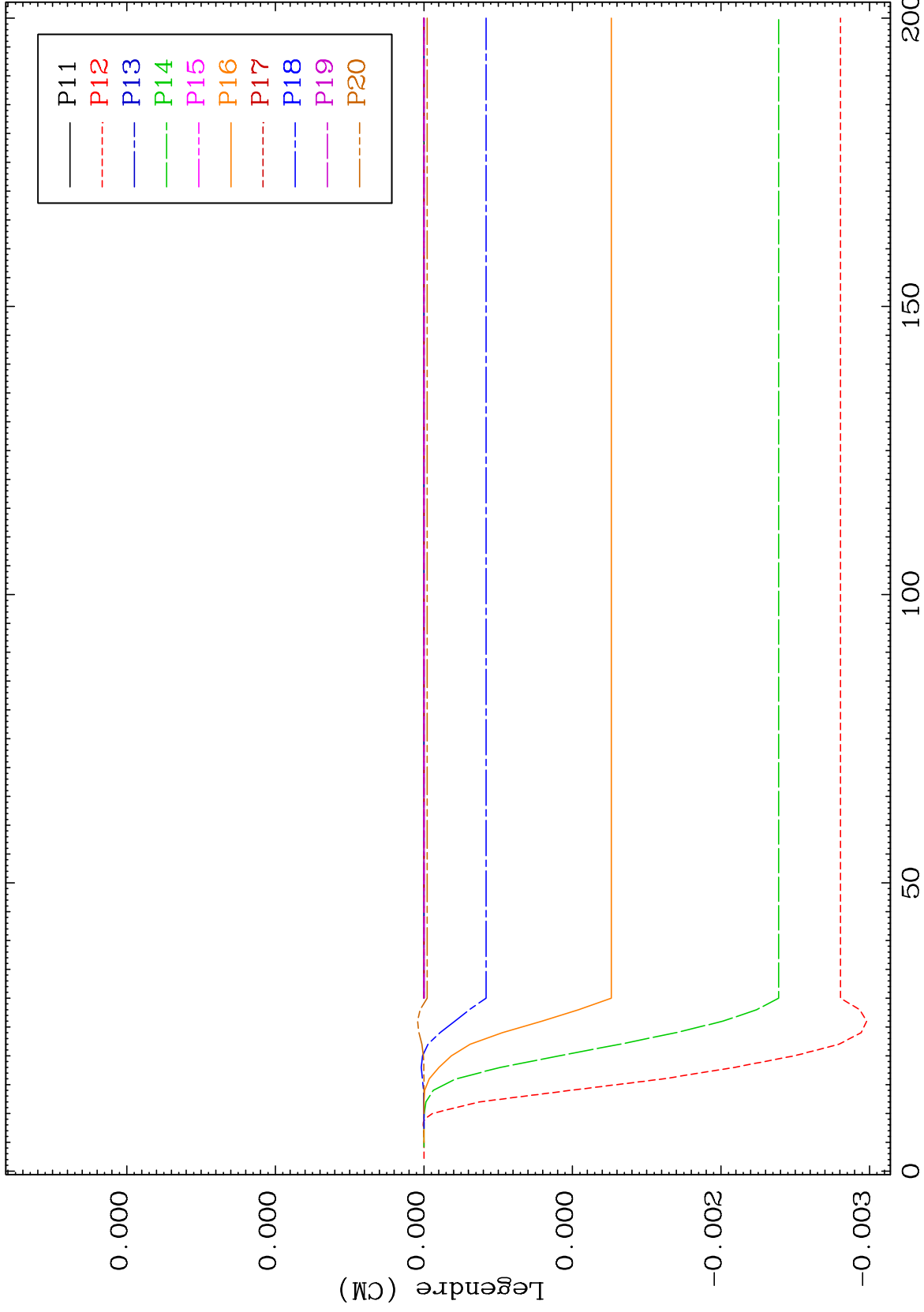
56

81-T1-204

MAT 8128

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

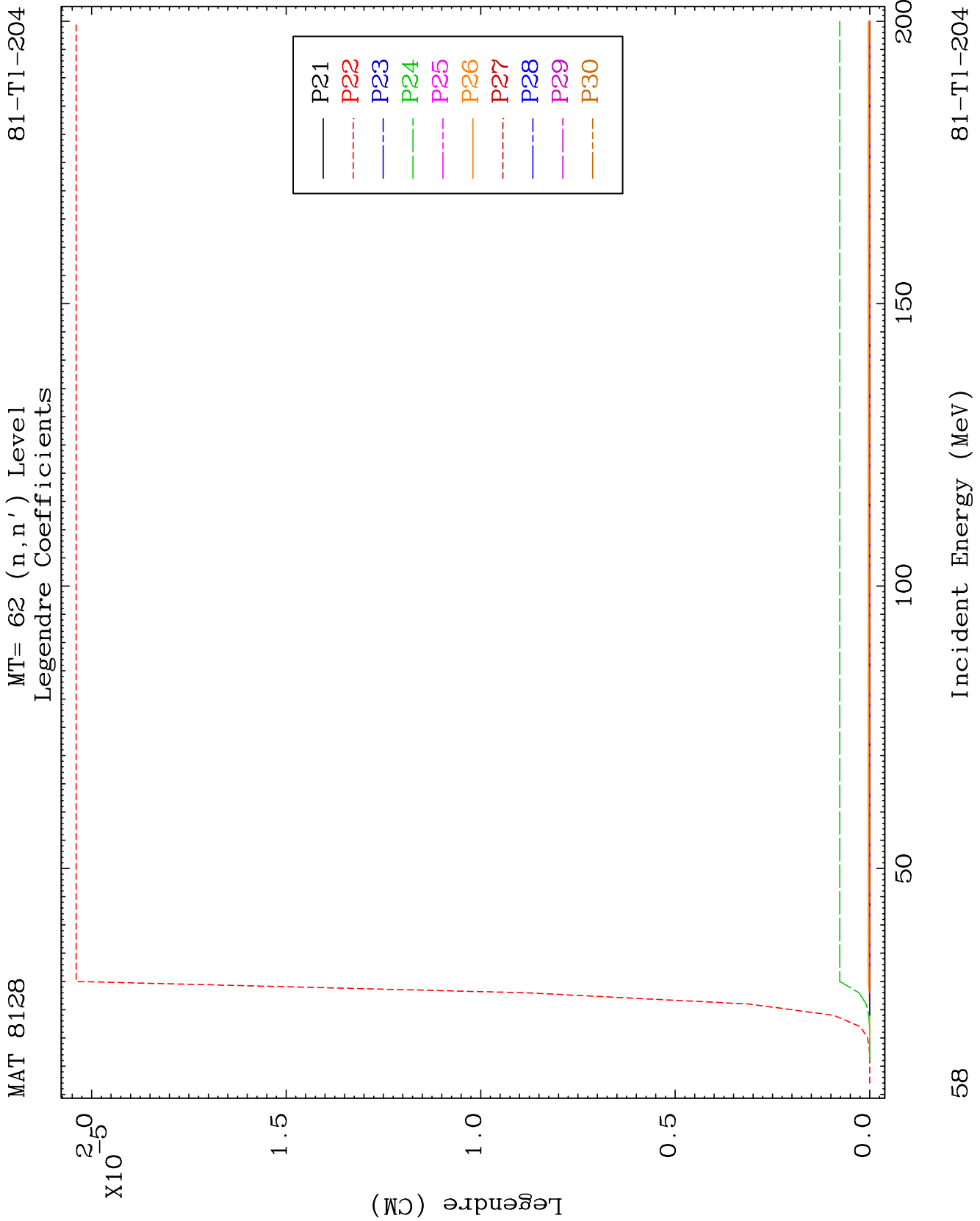
81-T1-204



57

Incident Energy (MeV)

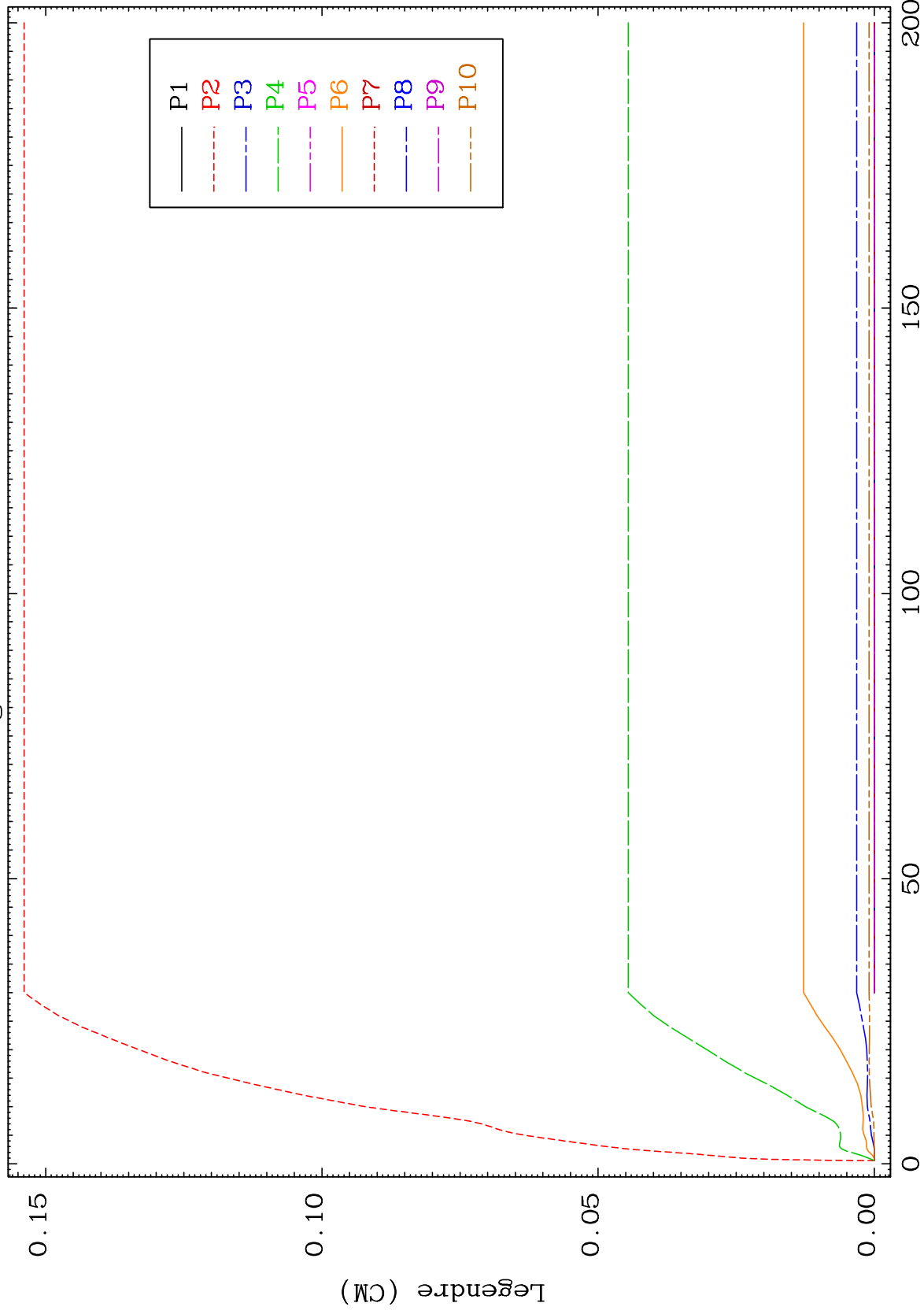
81-T1-204



MAT 8128

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

81-T1-204



59

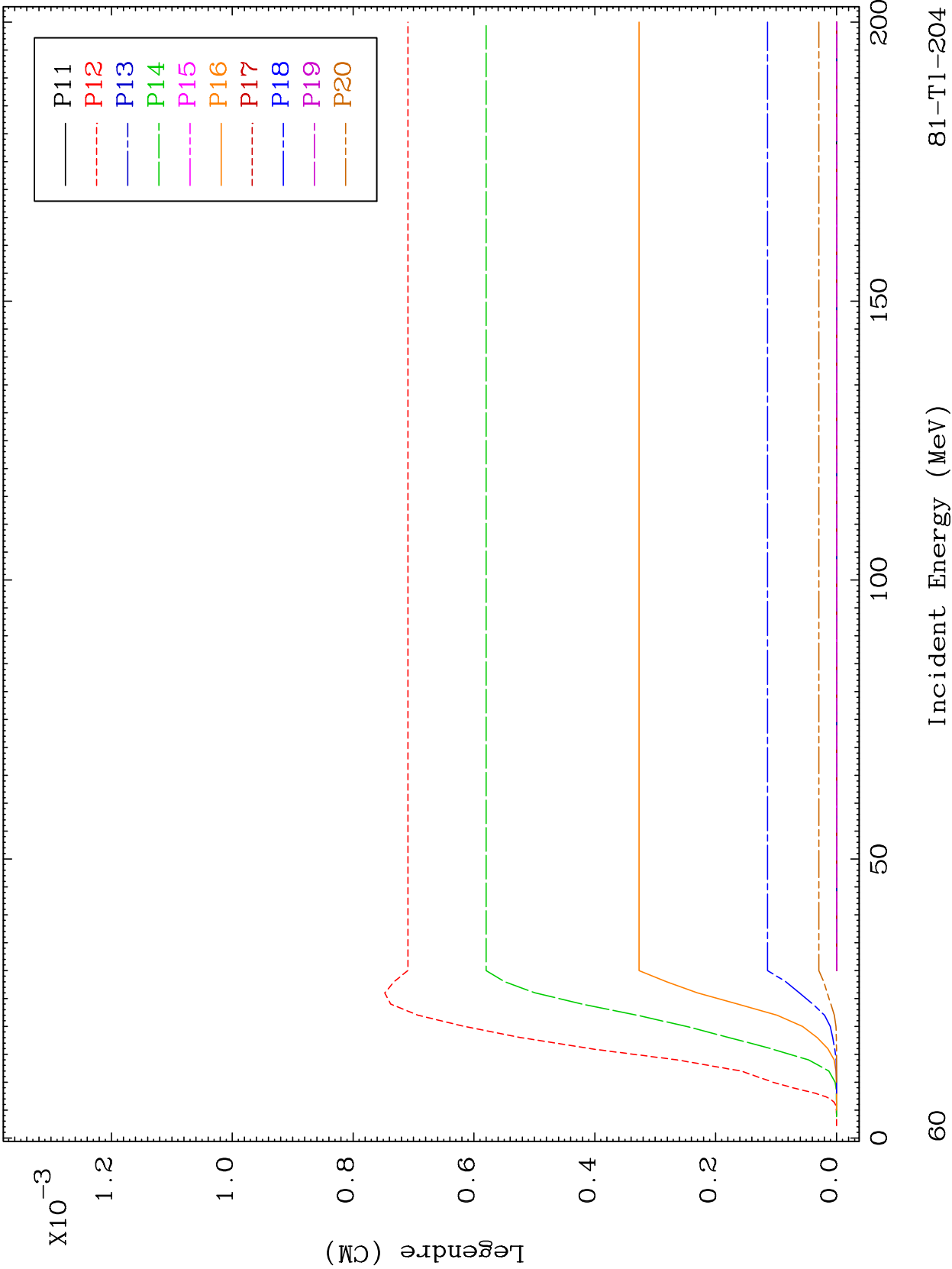
Incident Energy (MeV)

81-T1-204

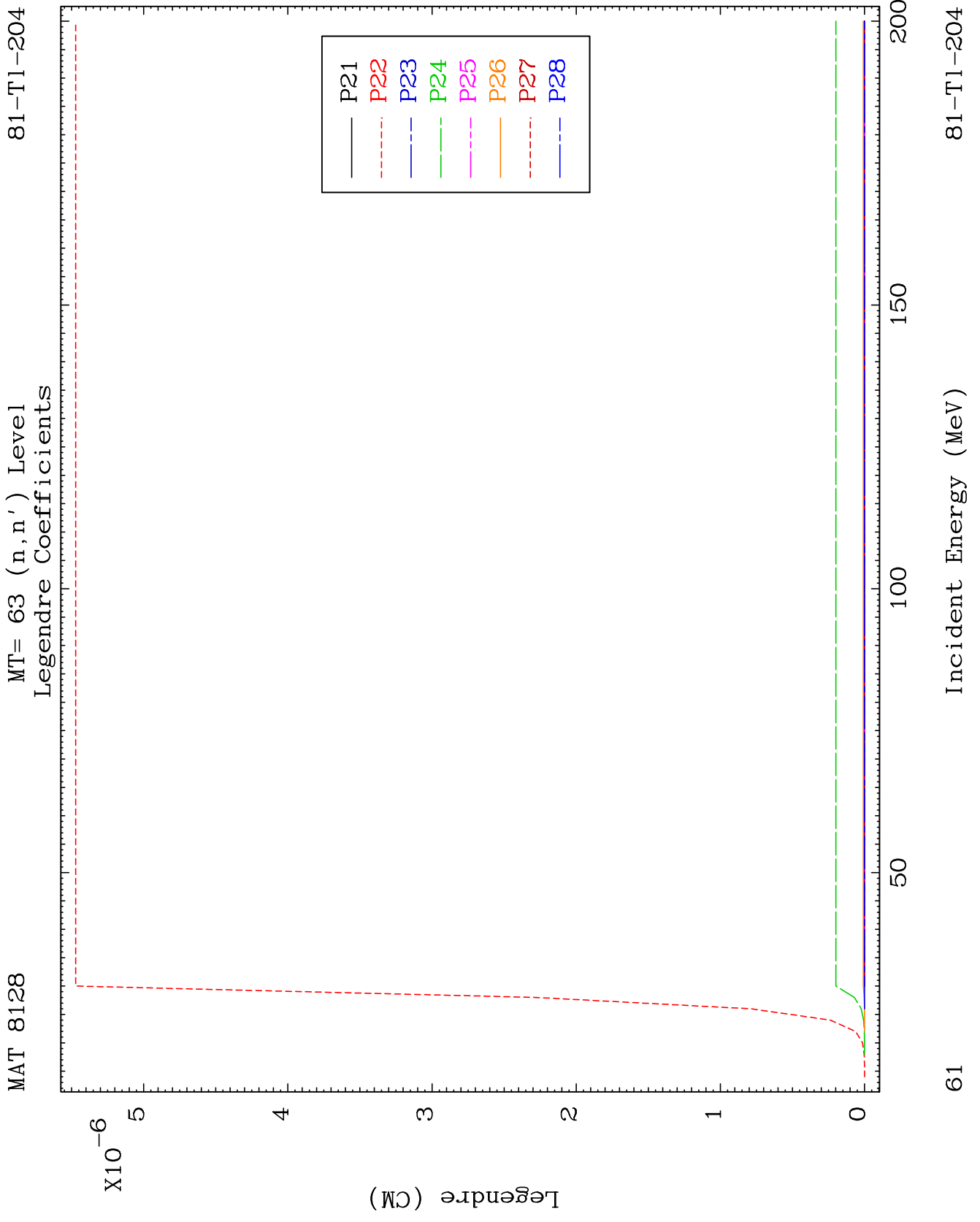
MAT 8128

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

81-T1-204



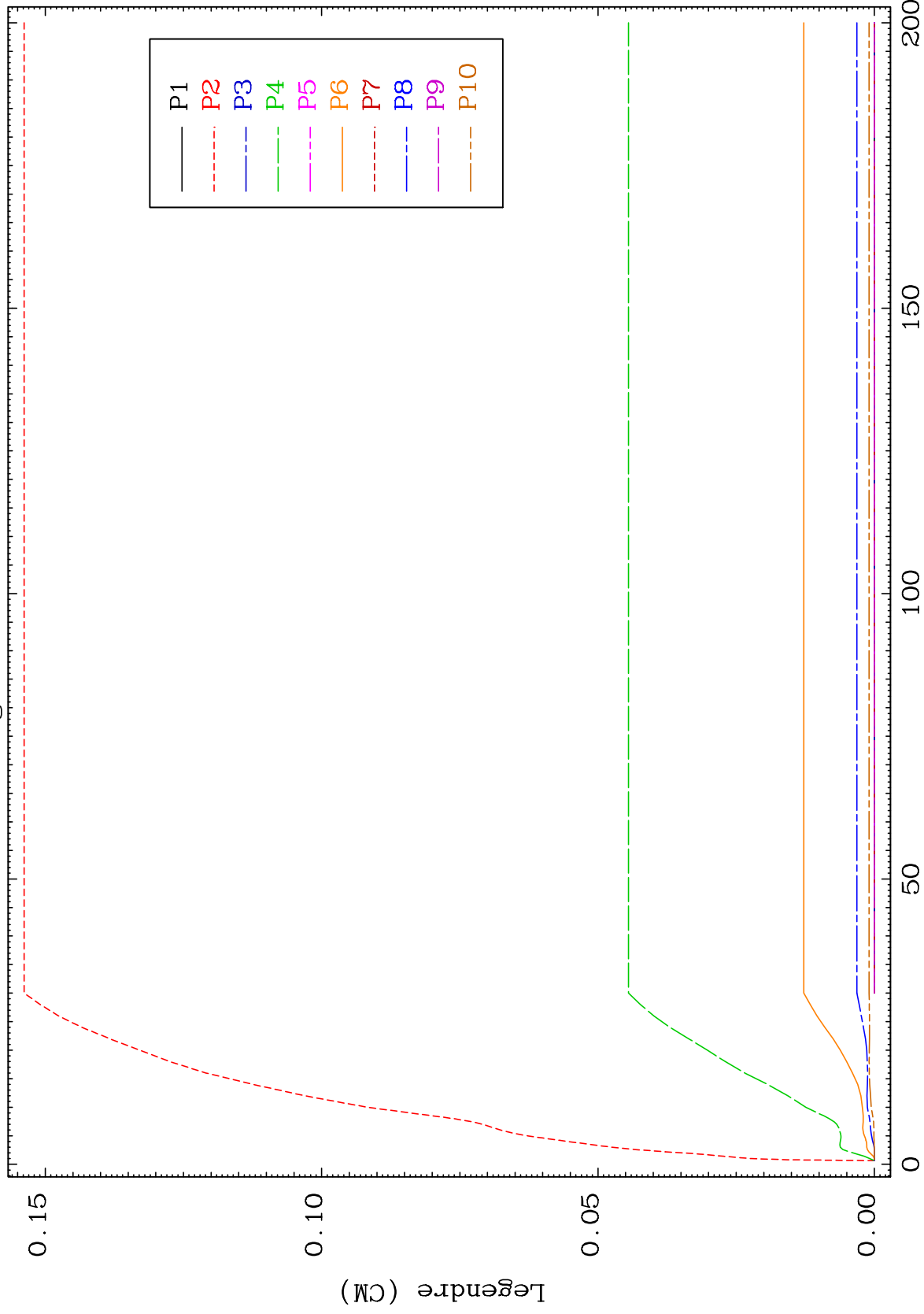
81-T1-204



MAT 8128

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

81-T1-204



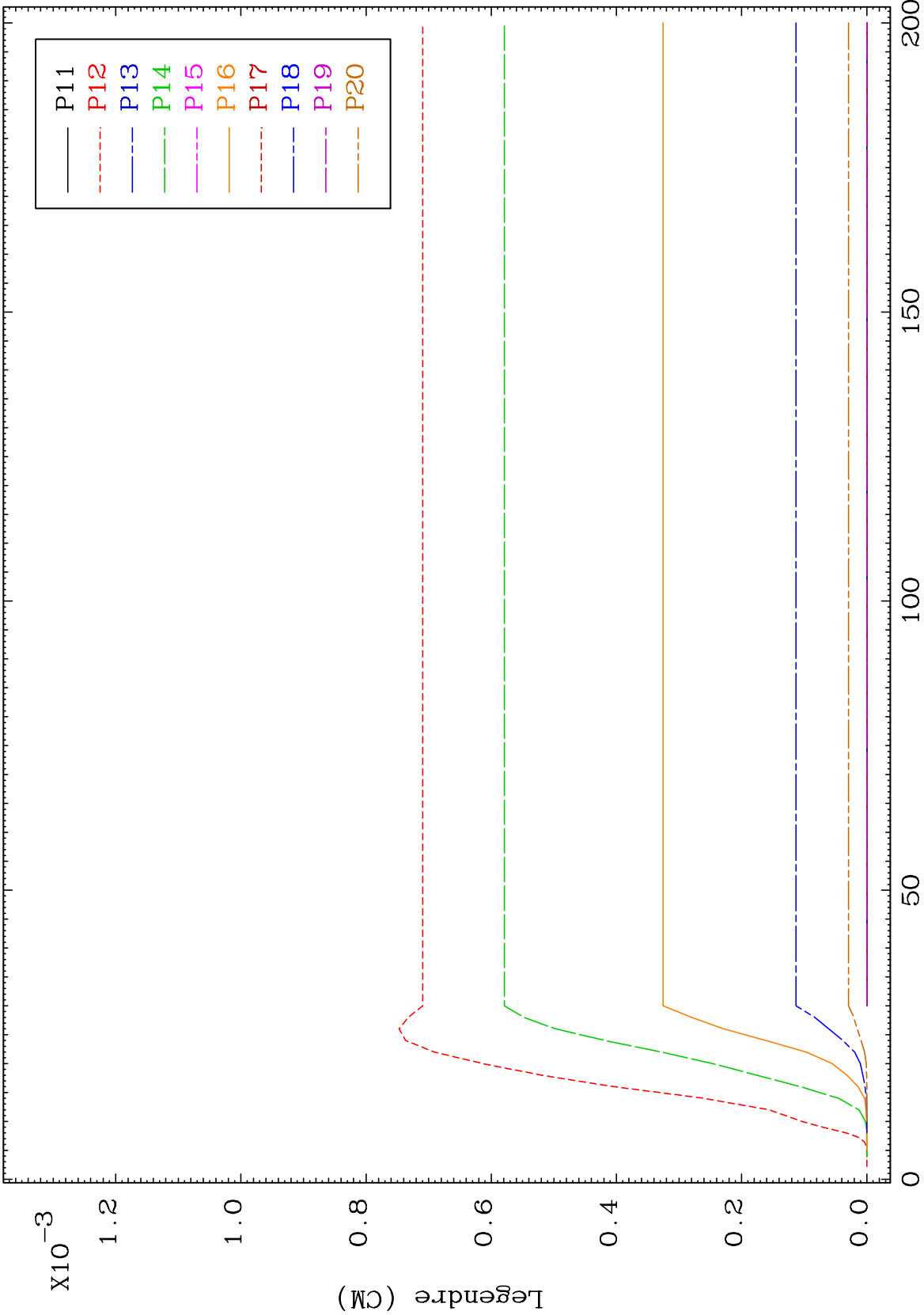
62

81-T1-204

MAT 8128

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

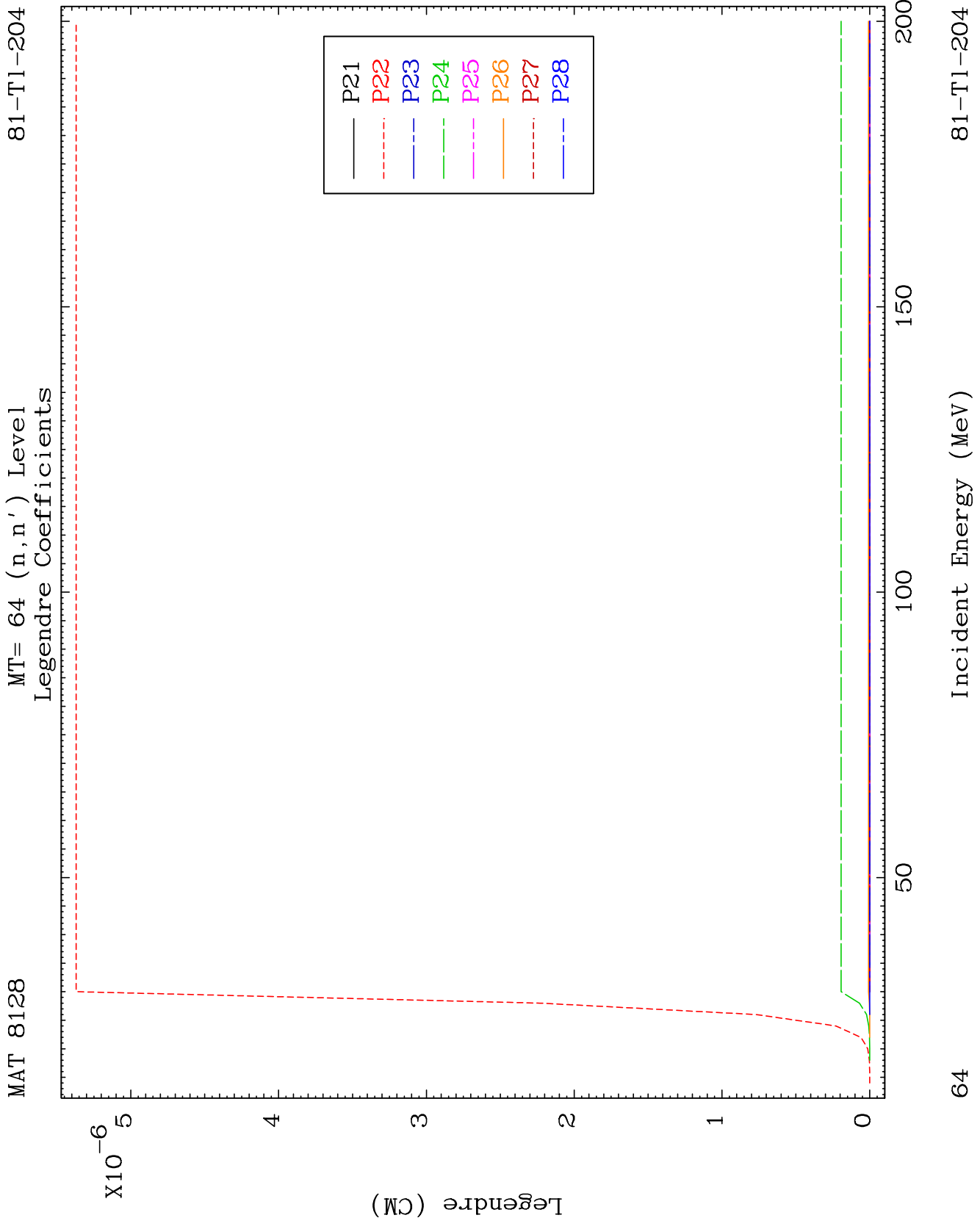
81-T1-204



63

Incident Energy (MeV)

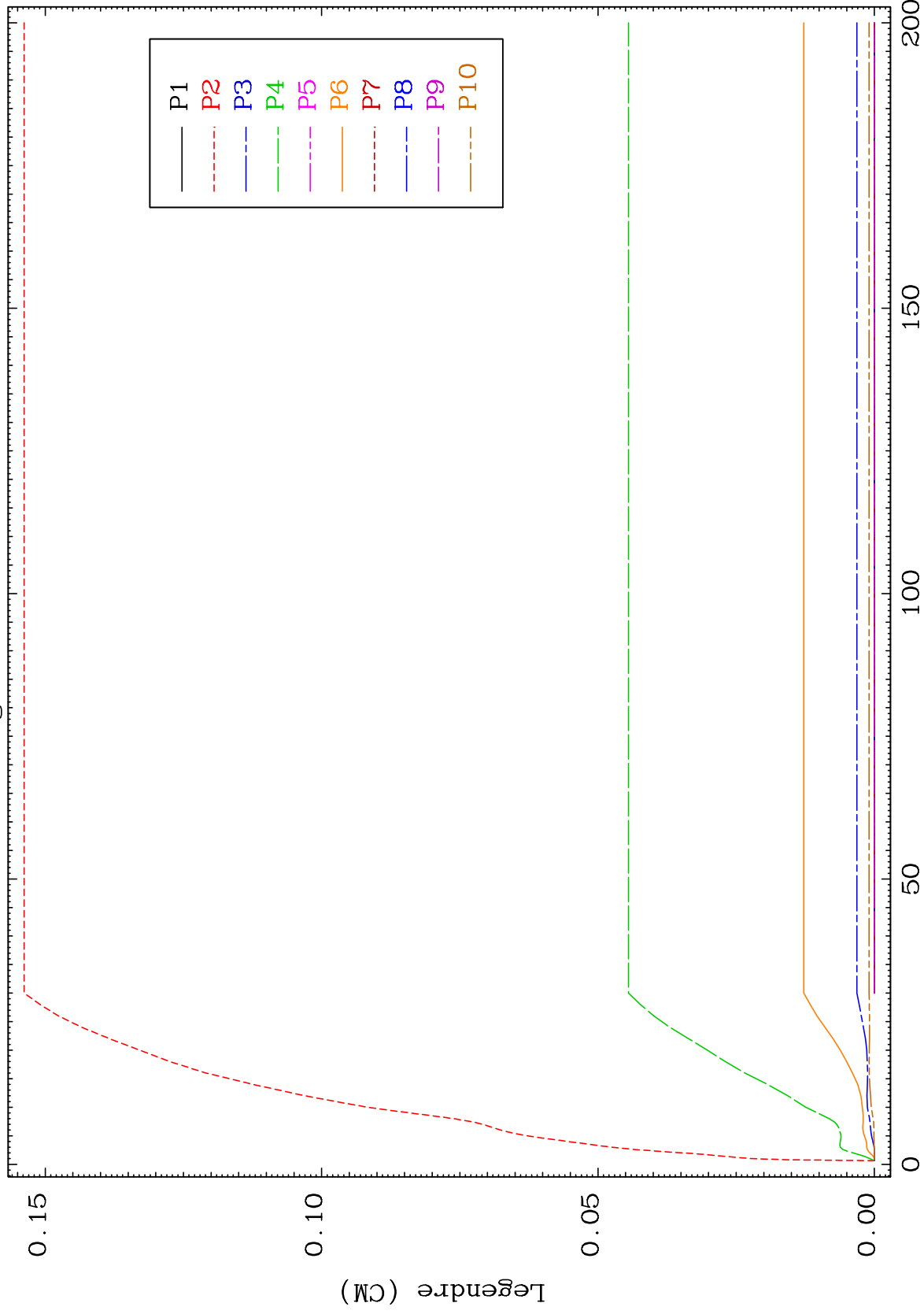
81-T1-204



MAT 8128

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

81-T1-204



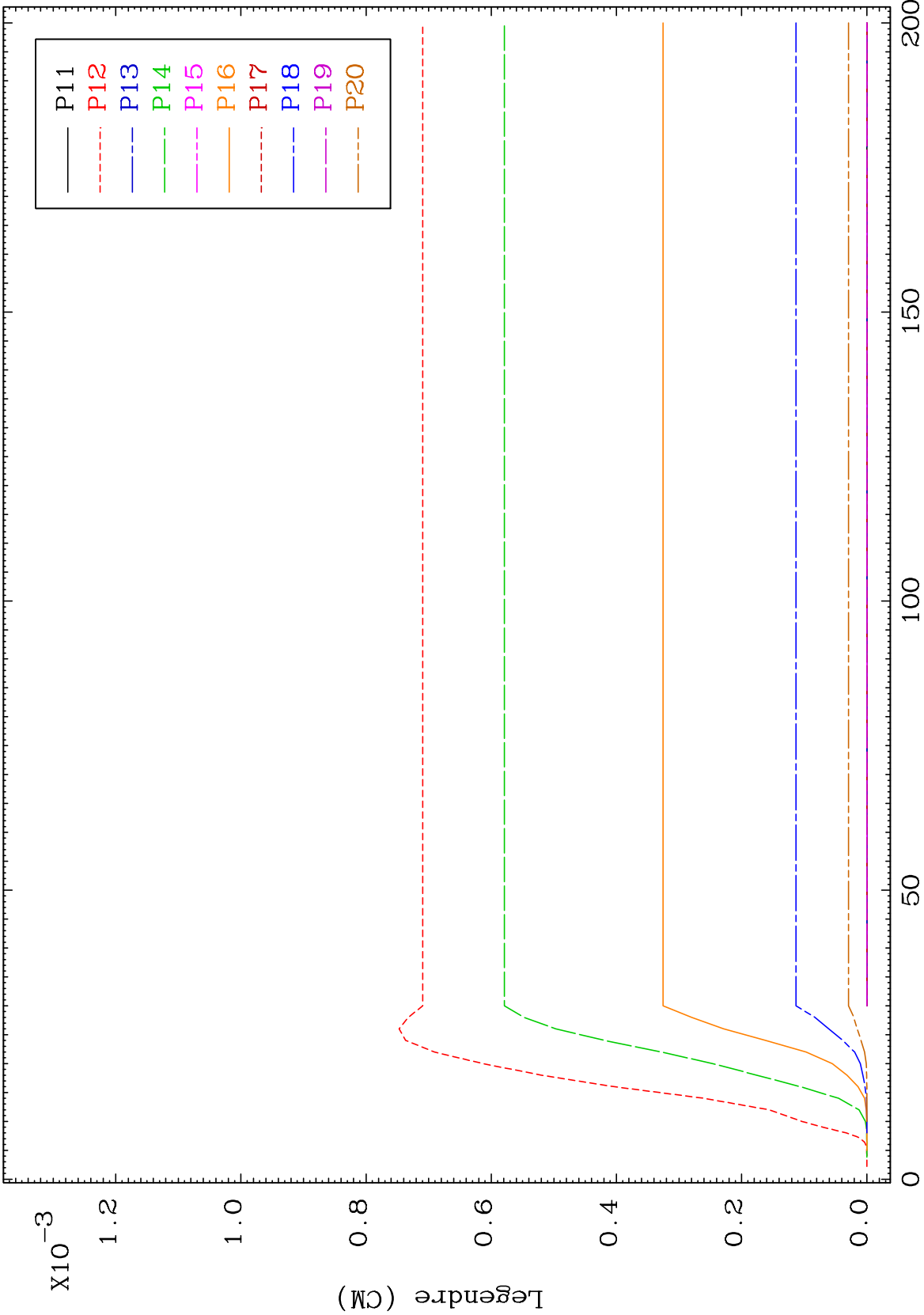
65

81-T1-204

MAT 8128

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

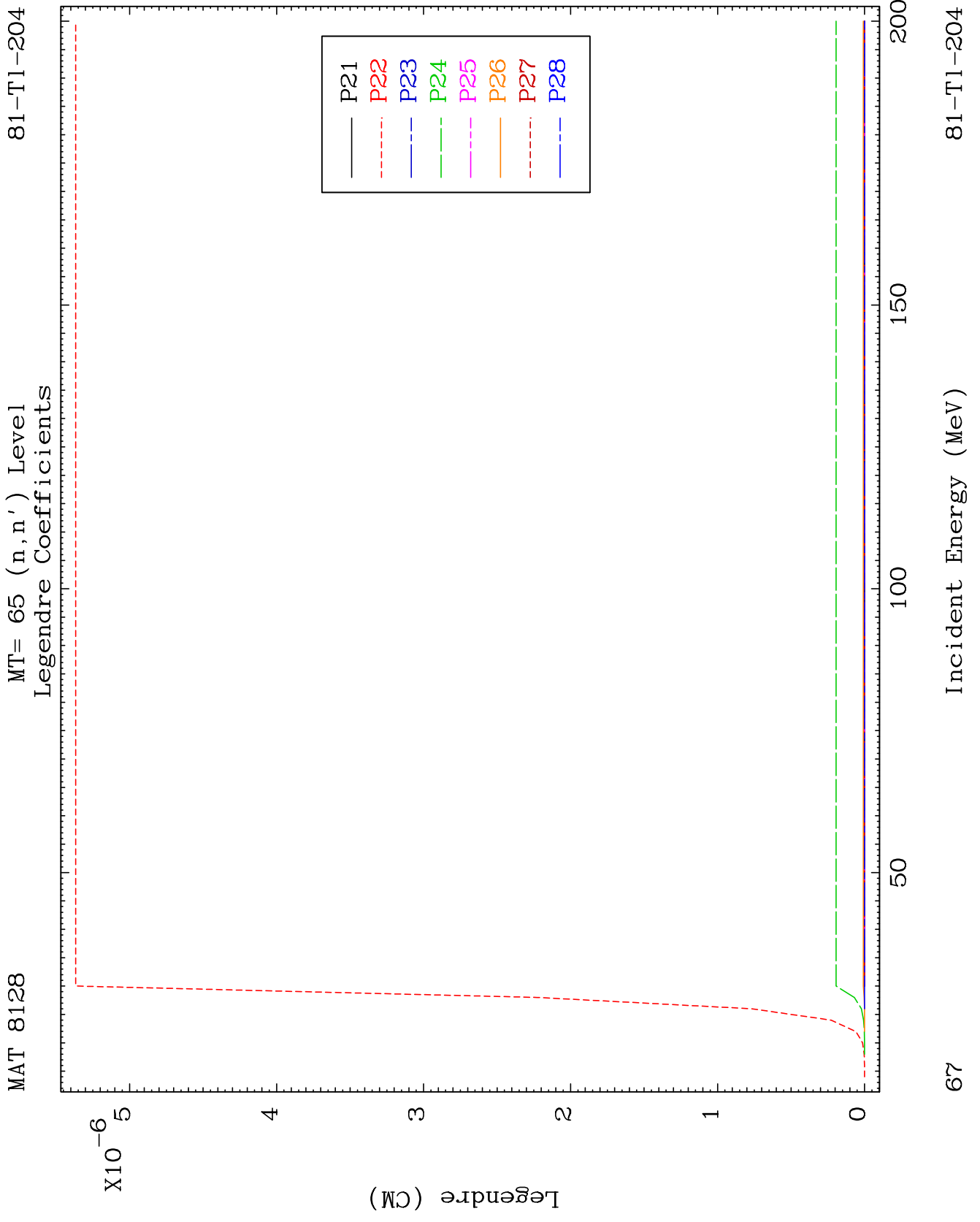
81-T1-204



66

Incident Energy (MeV)

81-T1-204

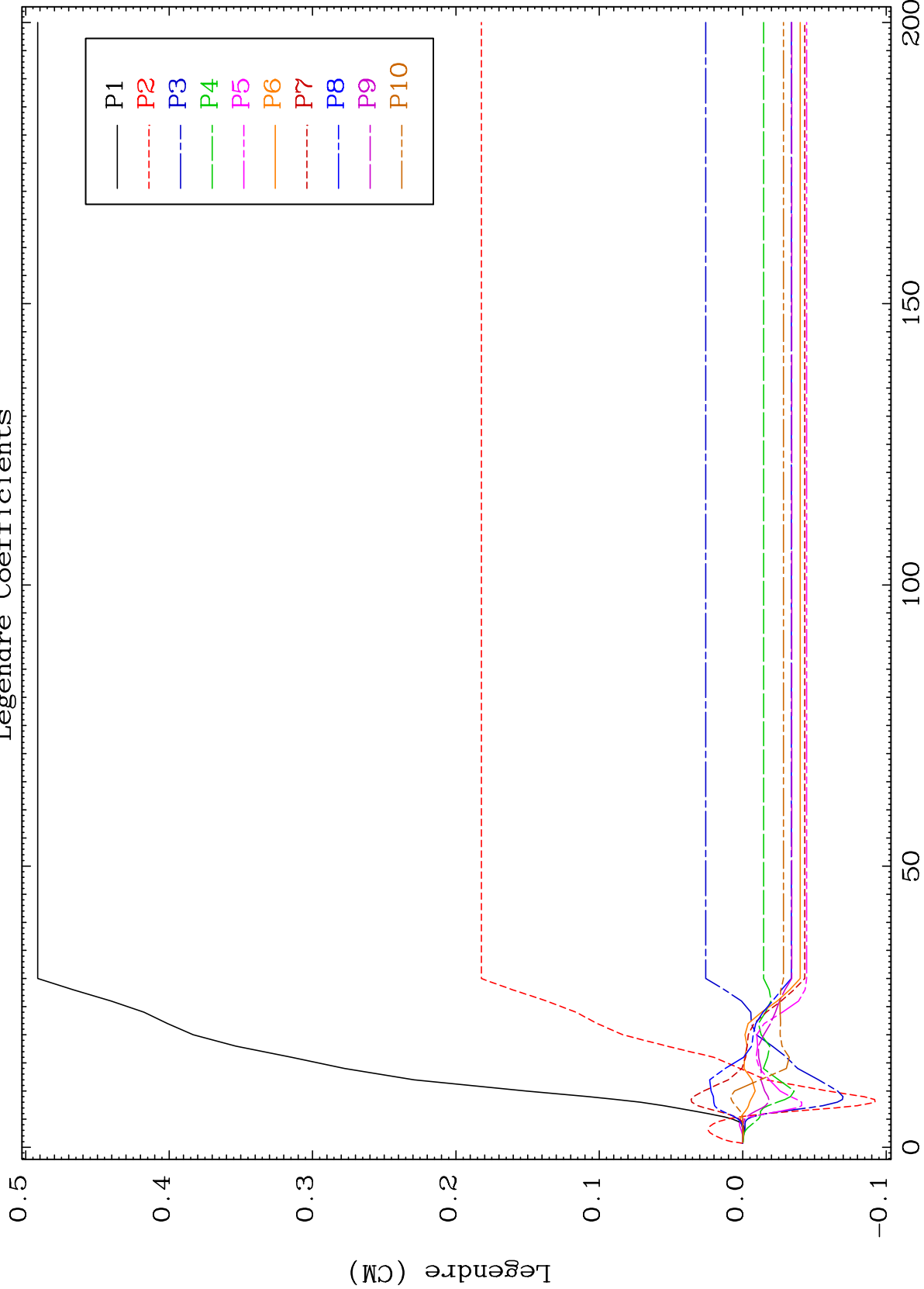


MAT 8128

MT= 66 (n,n') Level

81-Tl-204

Legendre Coefficients



68

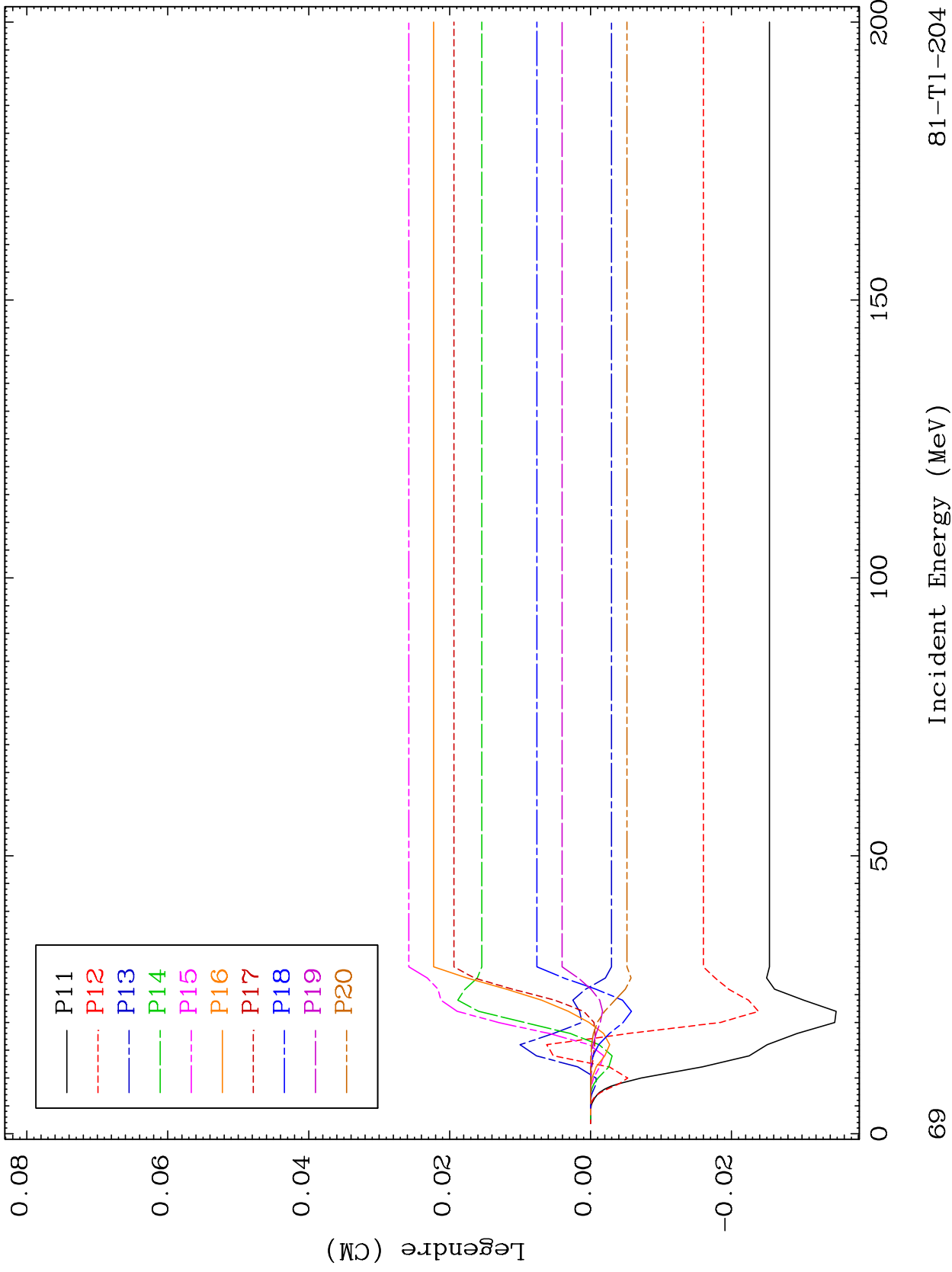
Incident Energy (MeV)

81-Tl-204

MAT 8128

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

81-T1-204



69

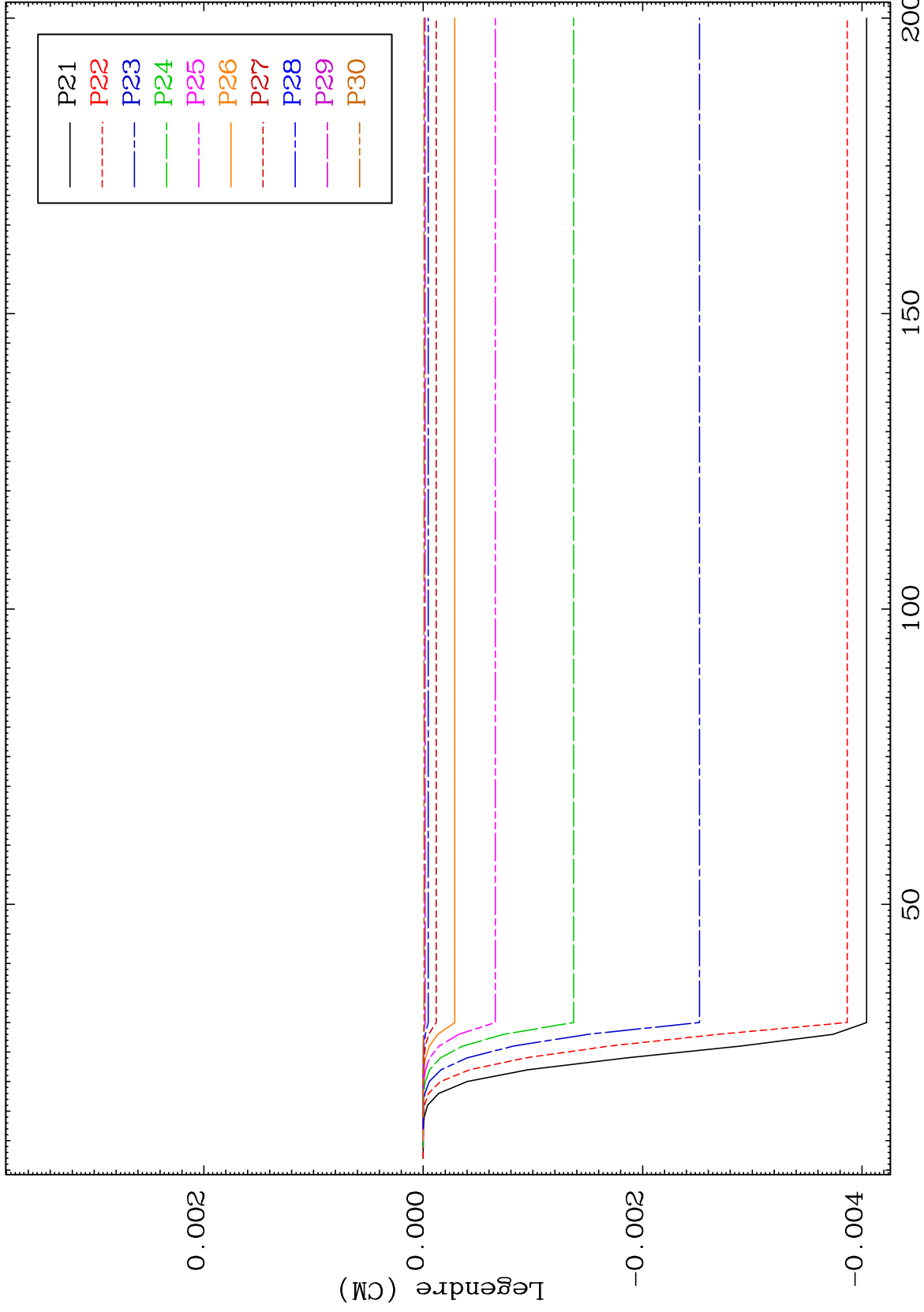
Incident Energy (MeV)

81-T1-204

MAT 8128

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

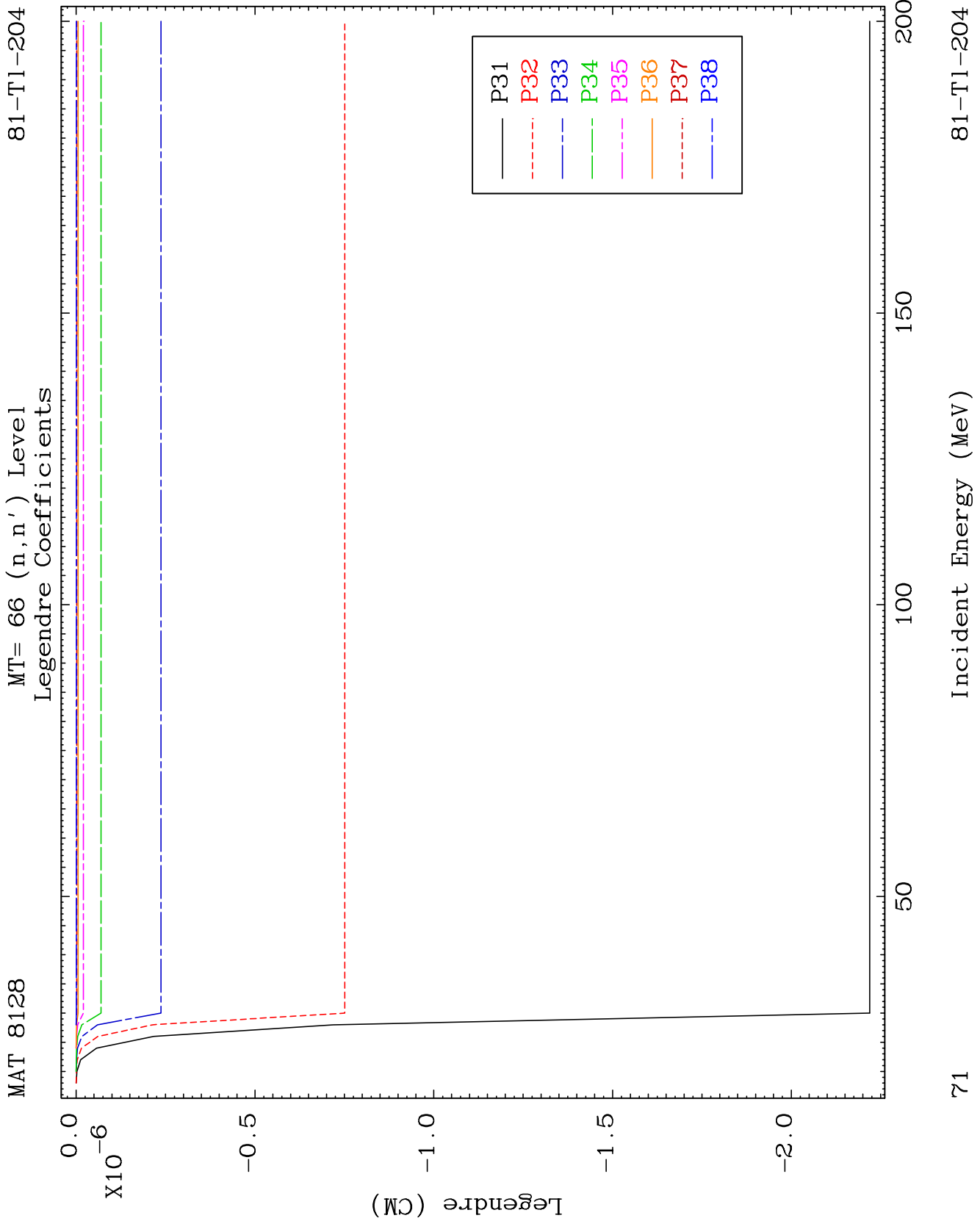
81-T1-204



70

Incident Energy (MeV)

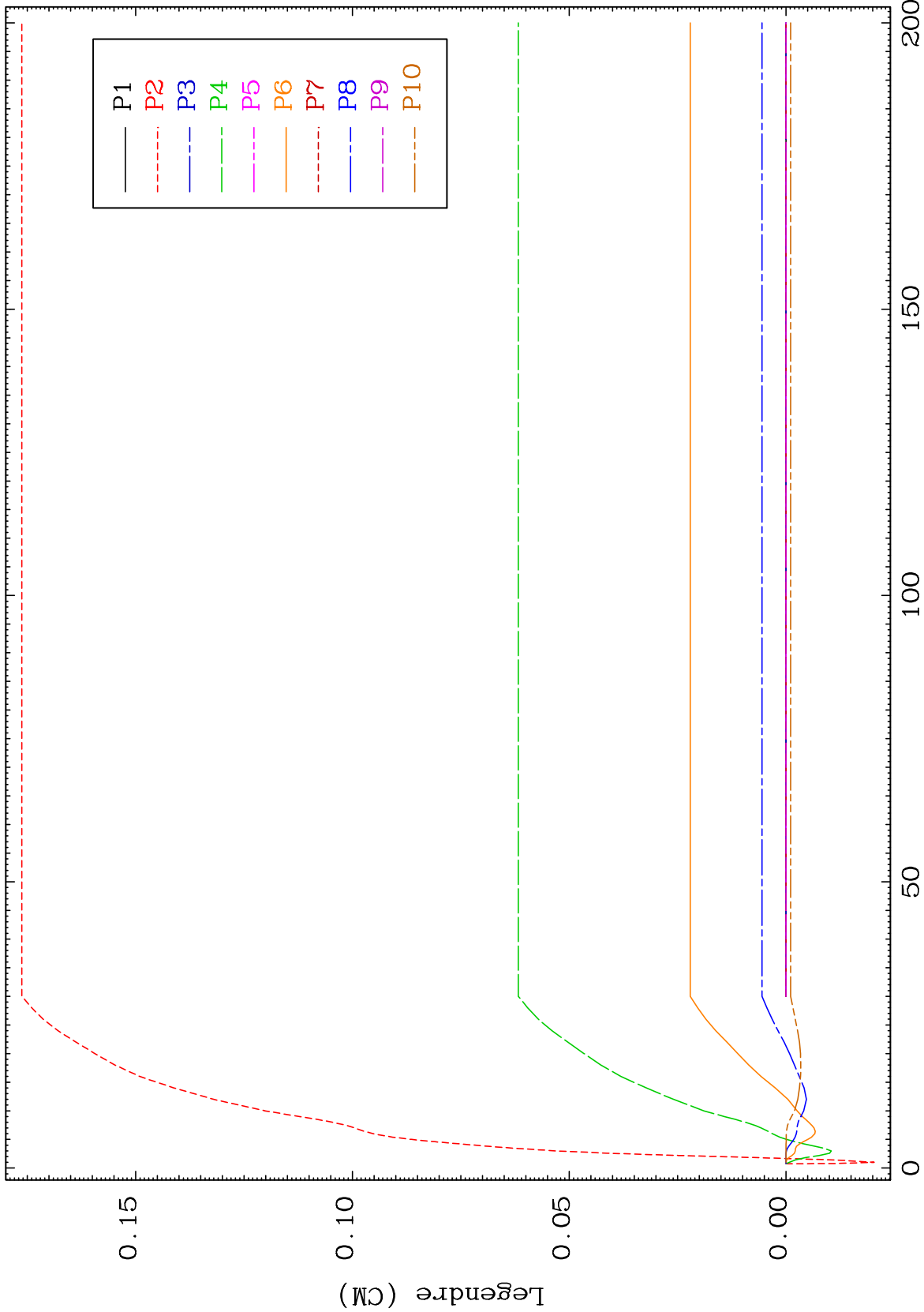
81-T1-204



MAT 8128

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

81-T1-204



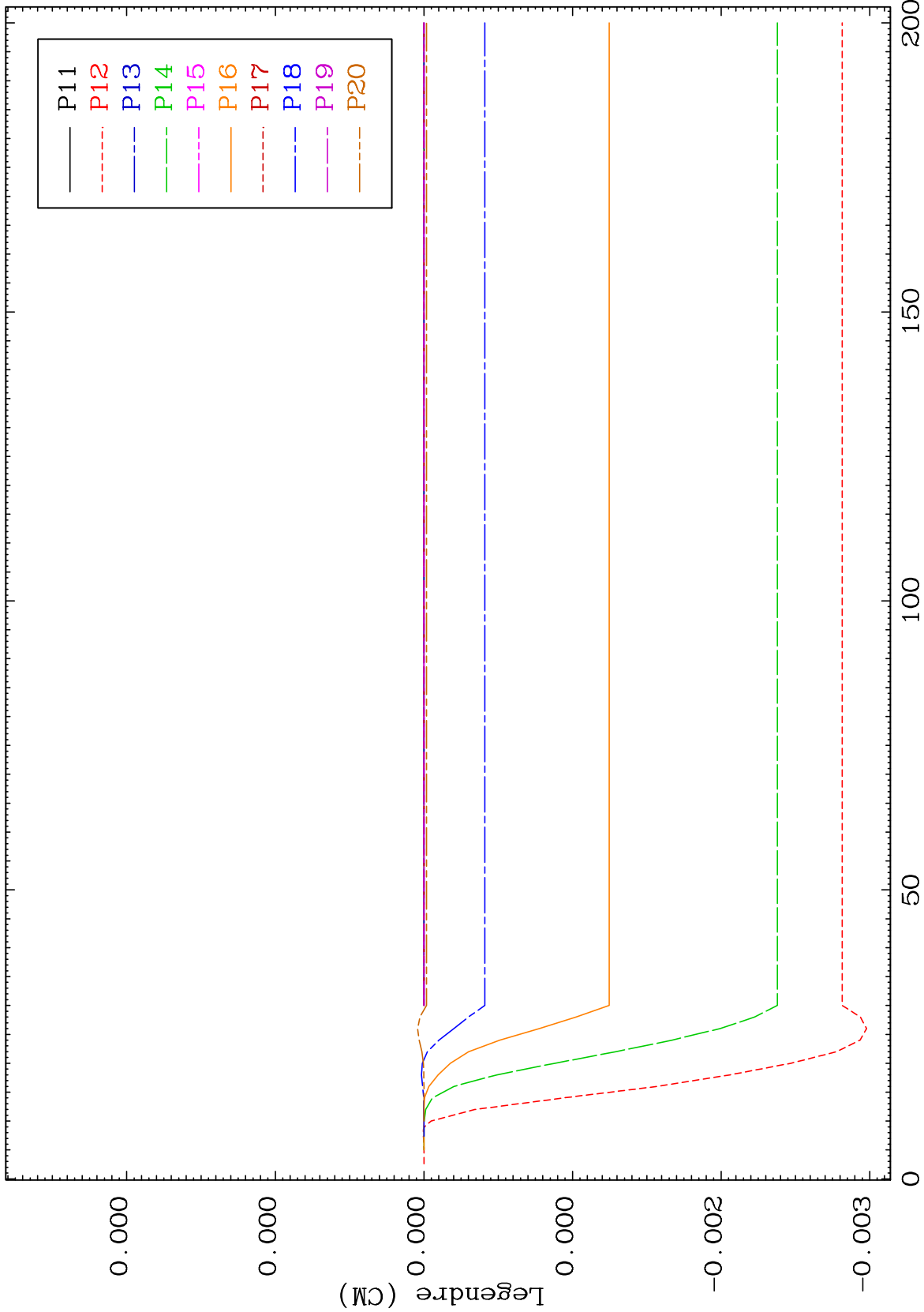
72

81-T1-204

MAT 8128

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

81-T1-204



73

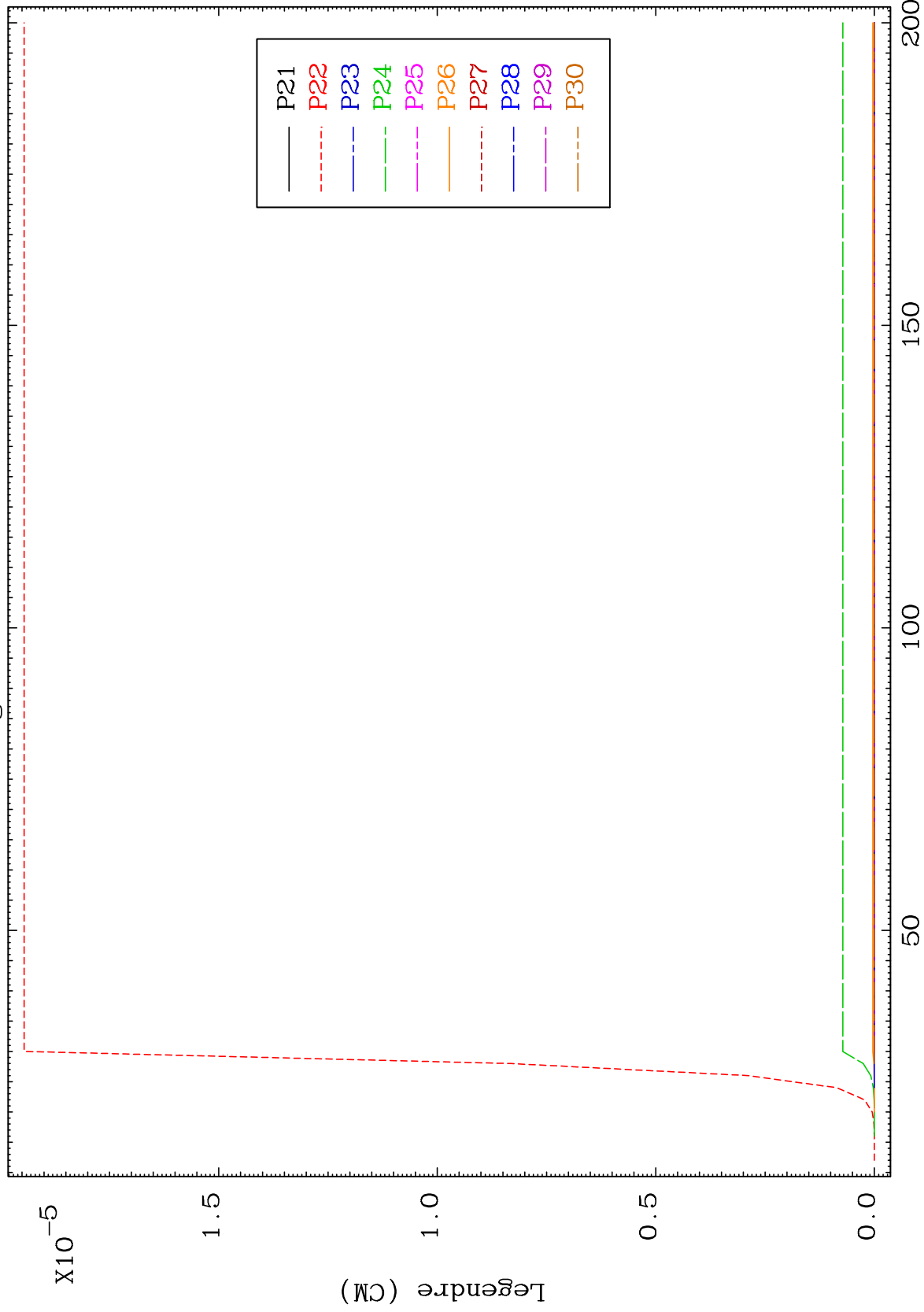
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



74

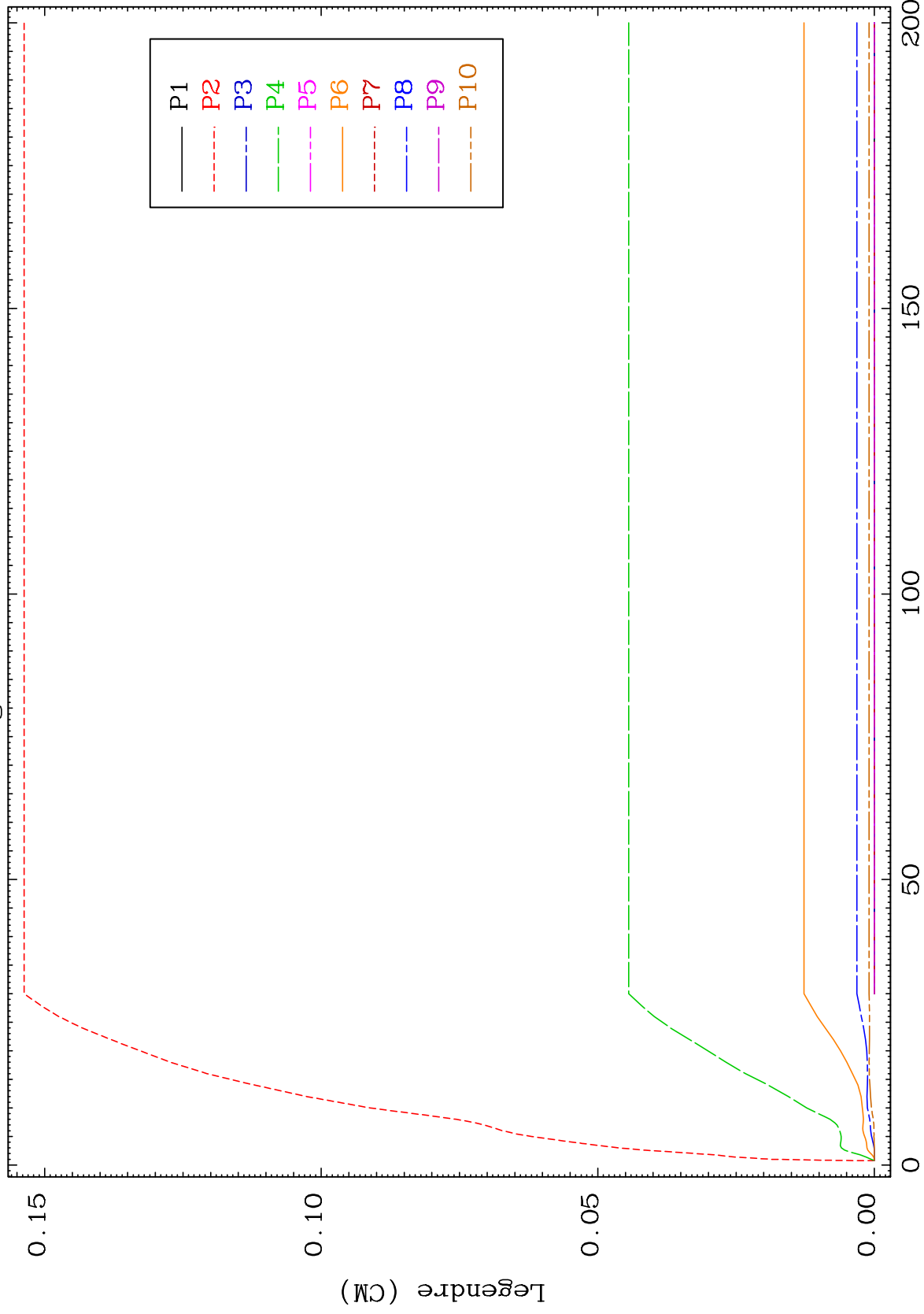
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



75

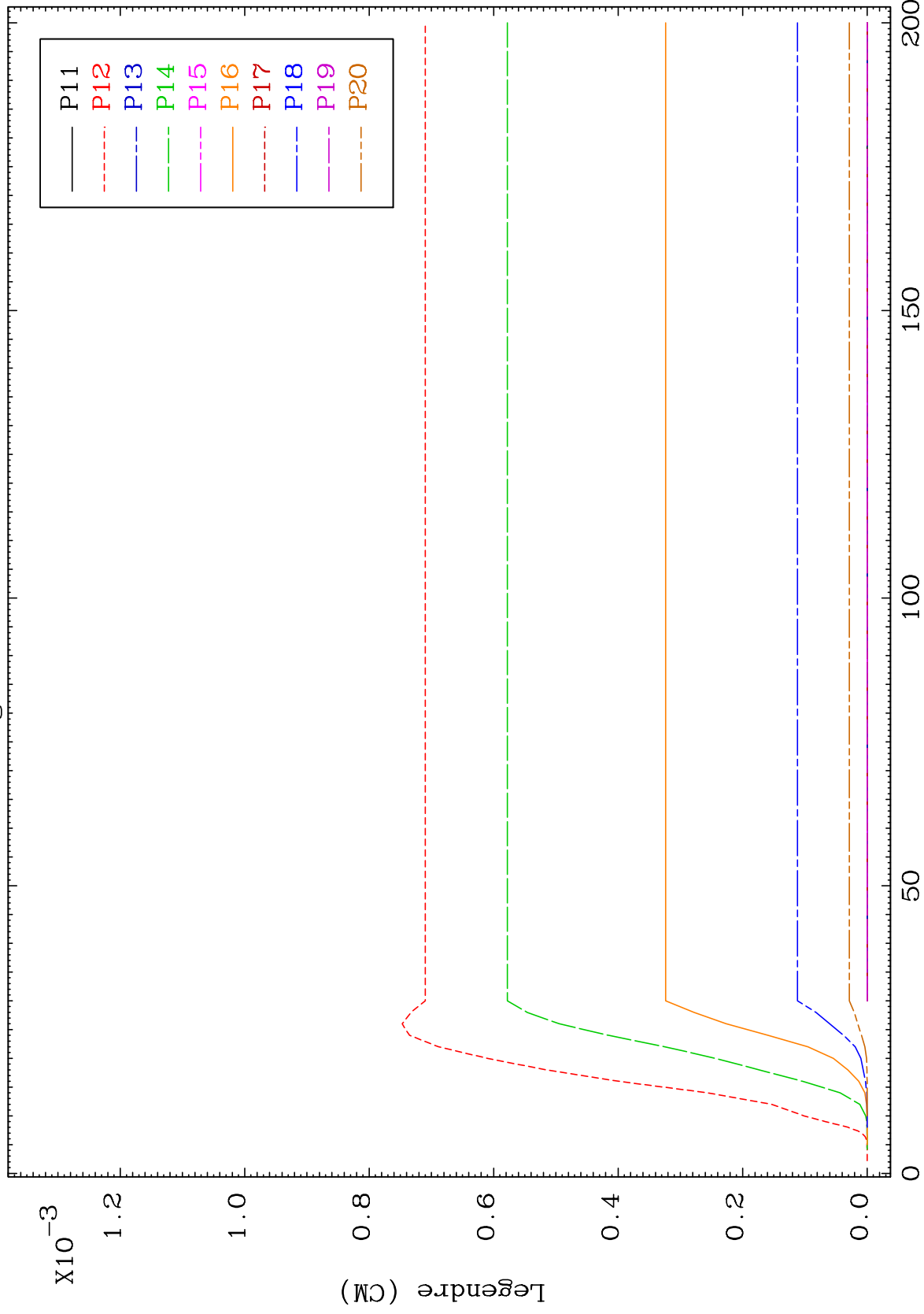
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



76

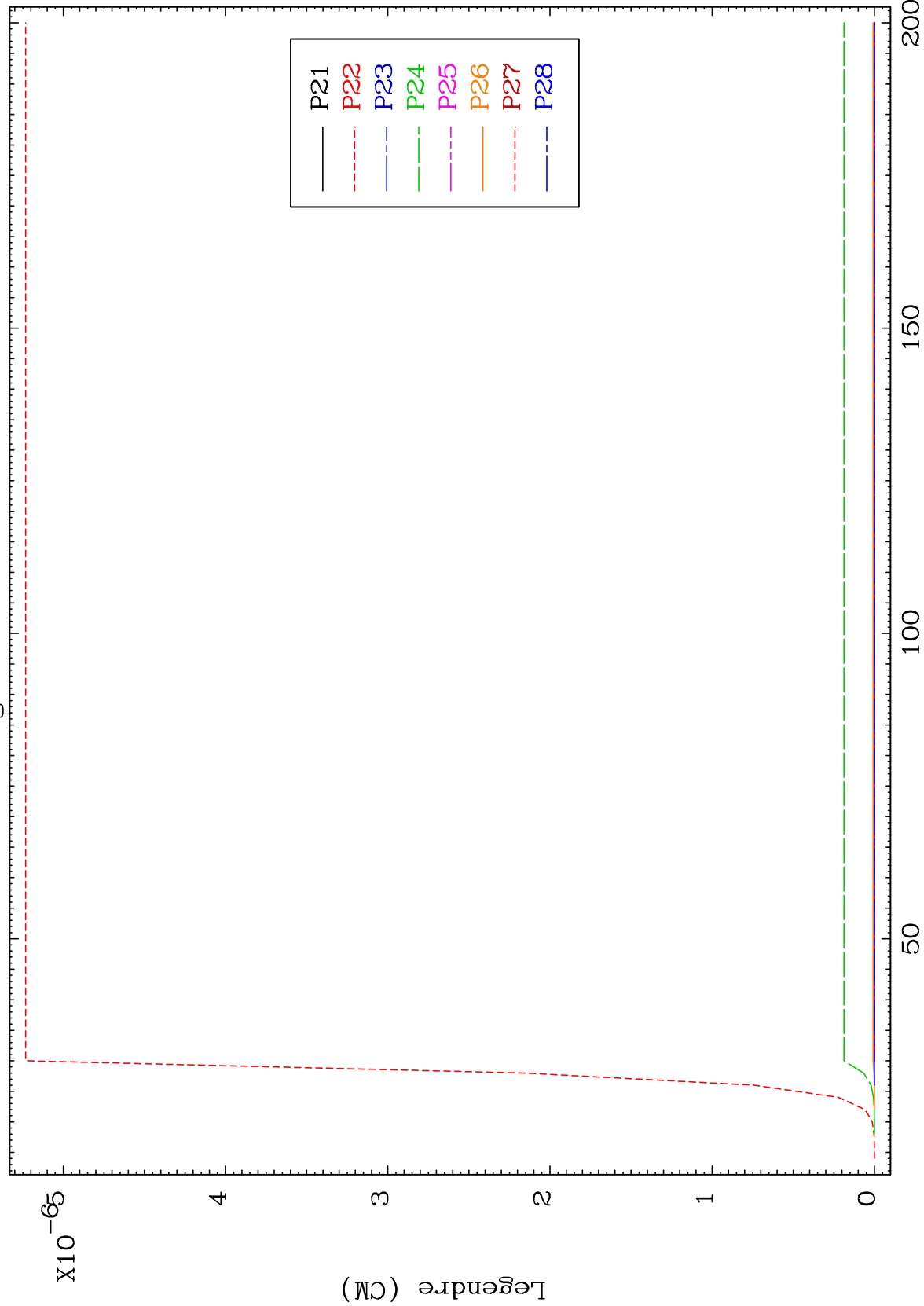
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



77

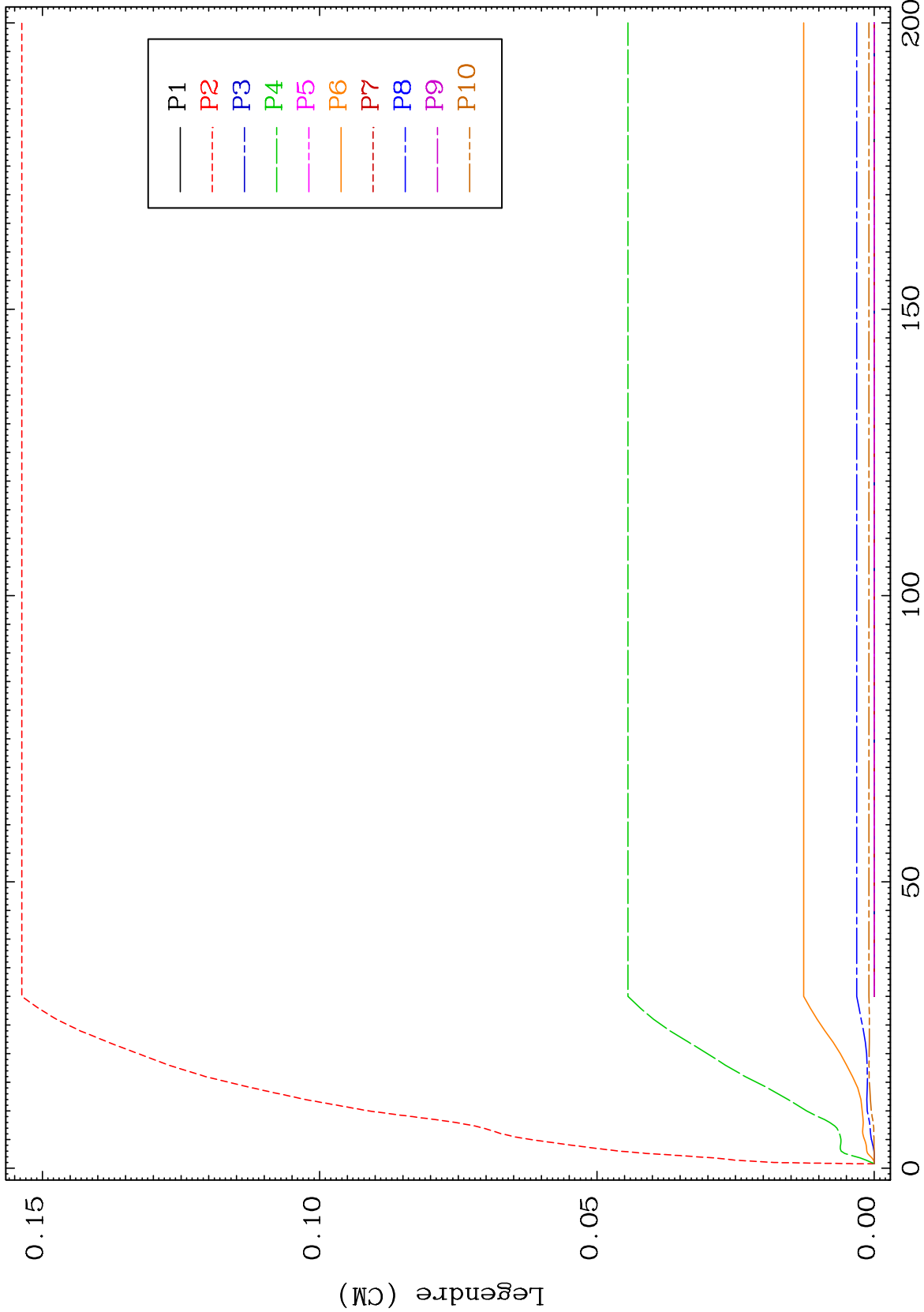
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



78

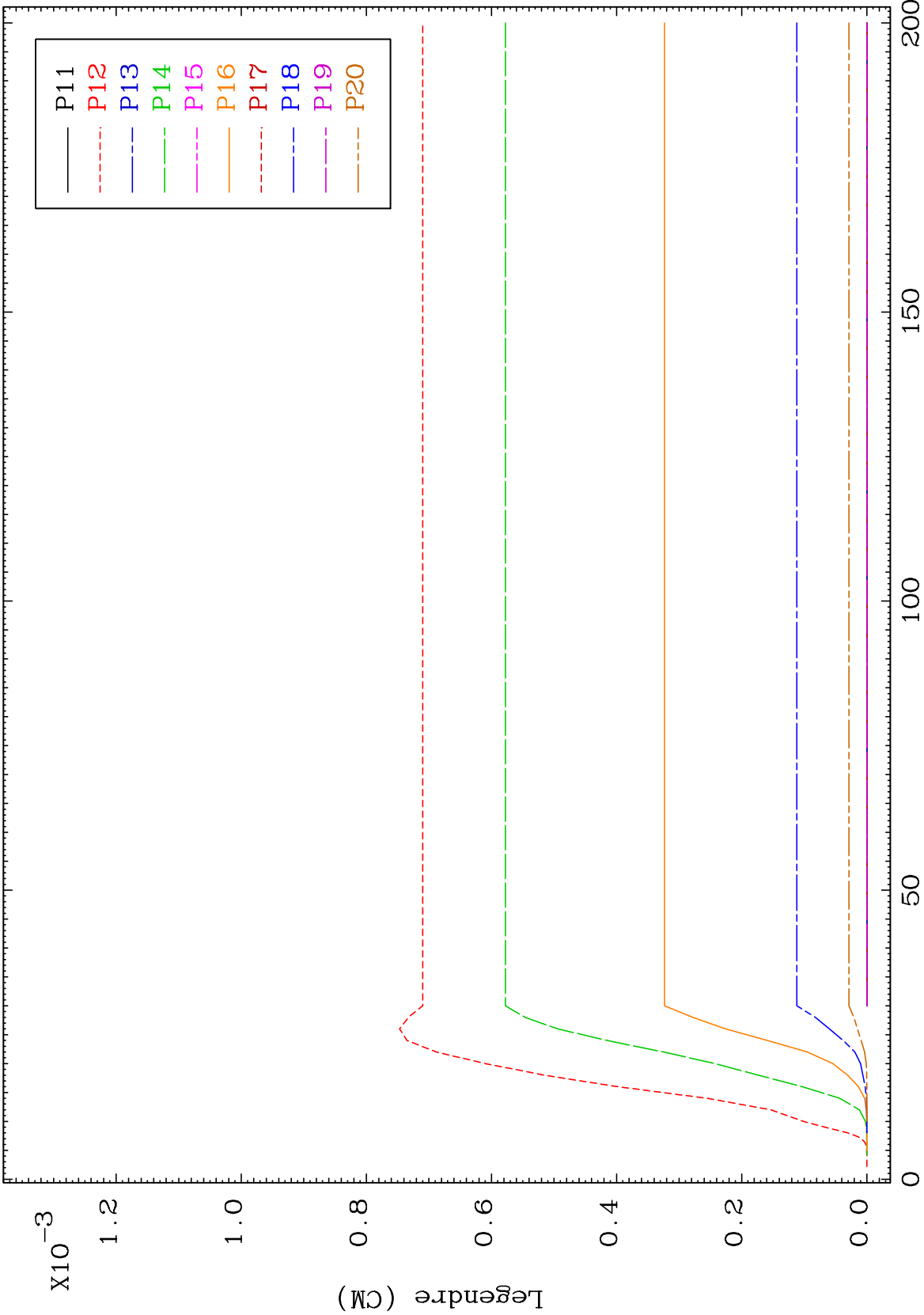
Incident Energy (MeV)

81-T1-204

MAT 8128

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

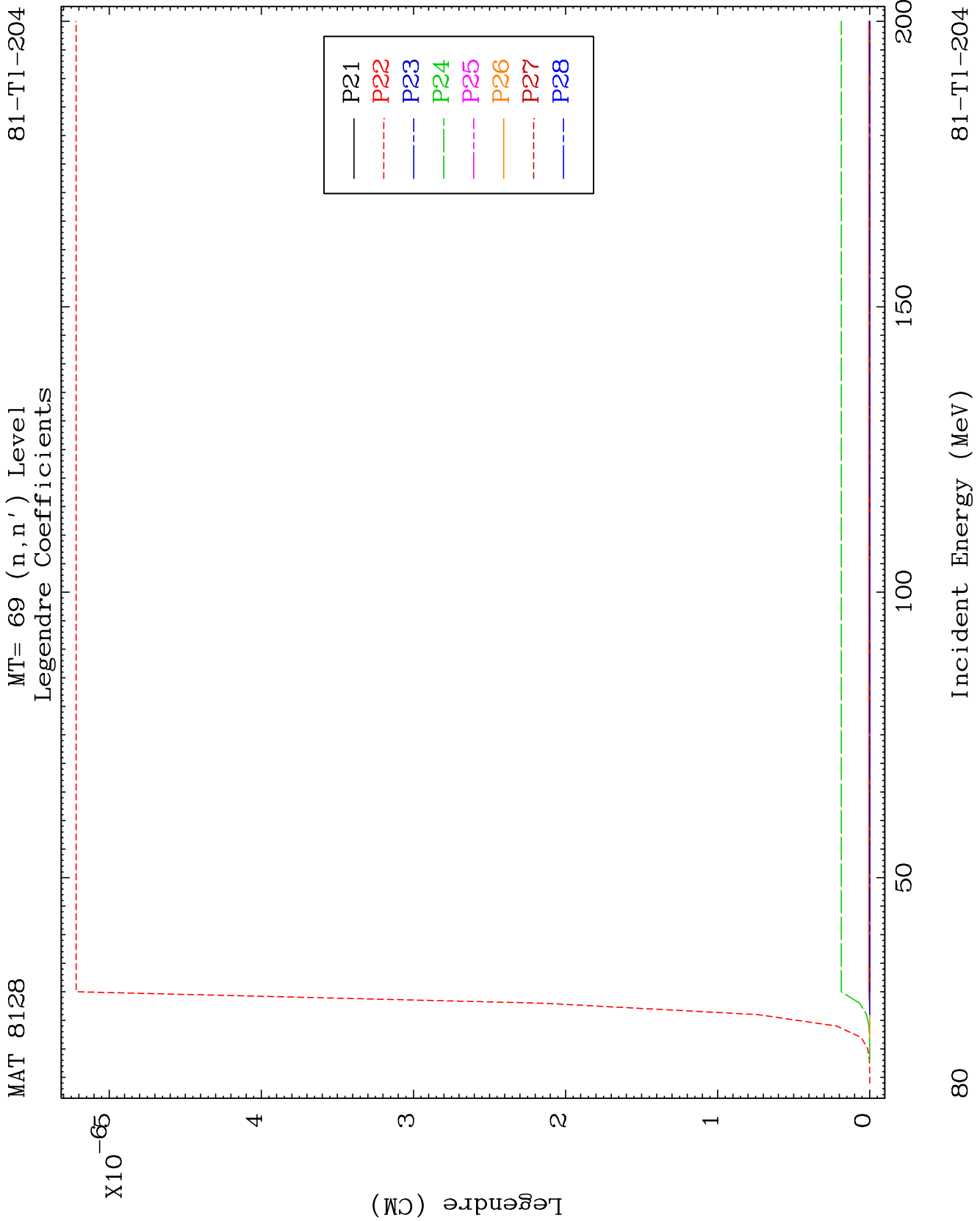
81-T1-204



79

Incident Energy (MeV)

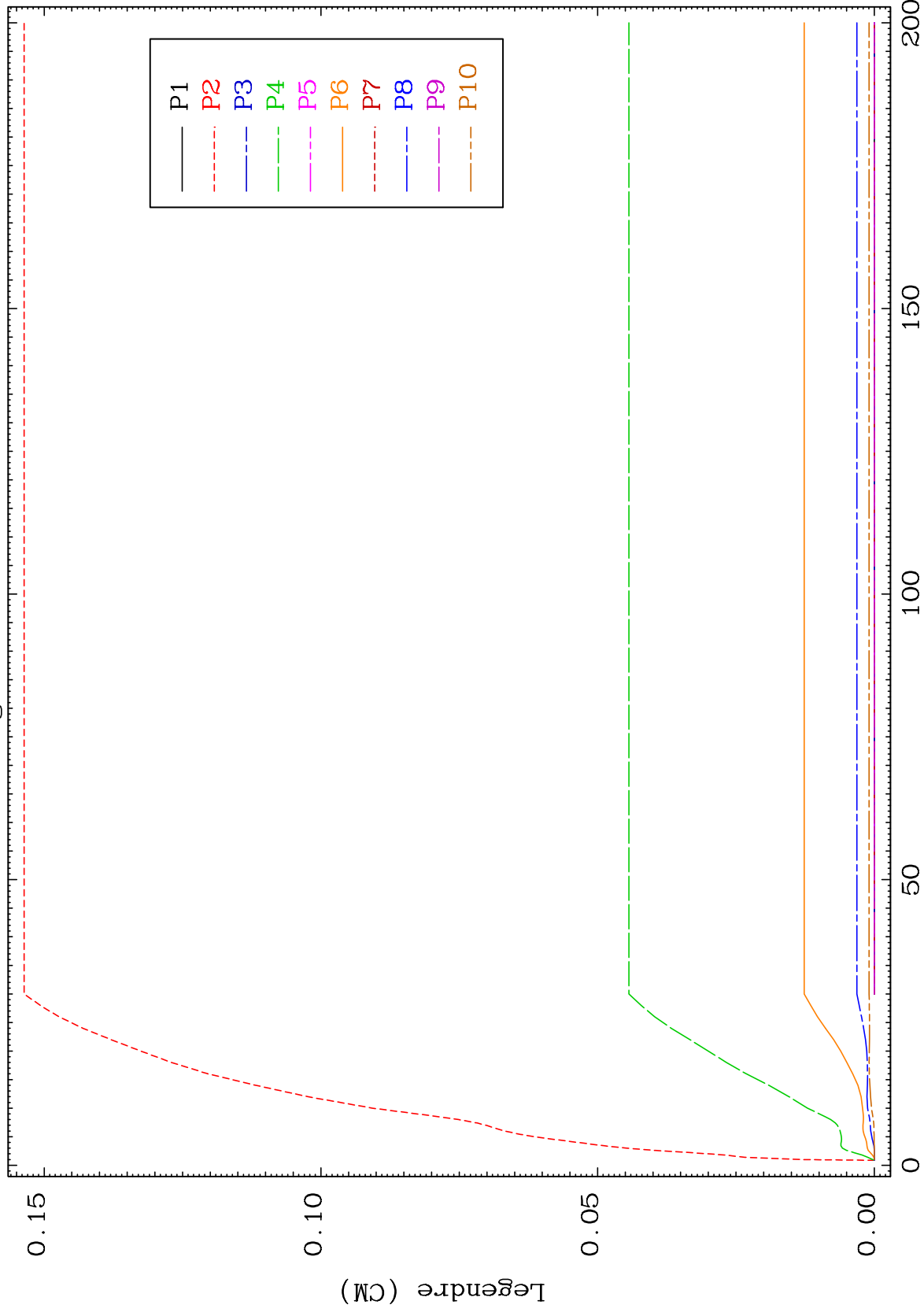
81-T1-204



MAT 8128

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

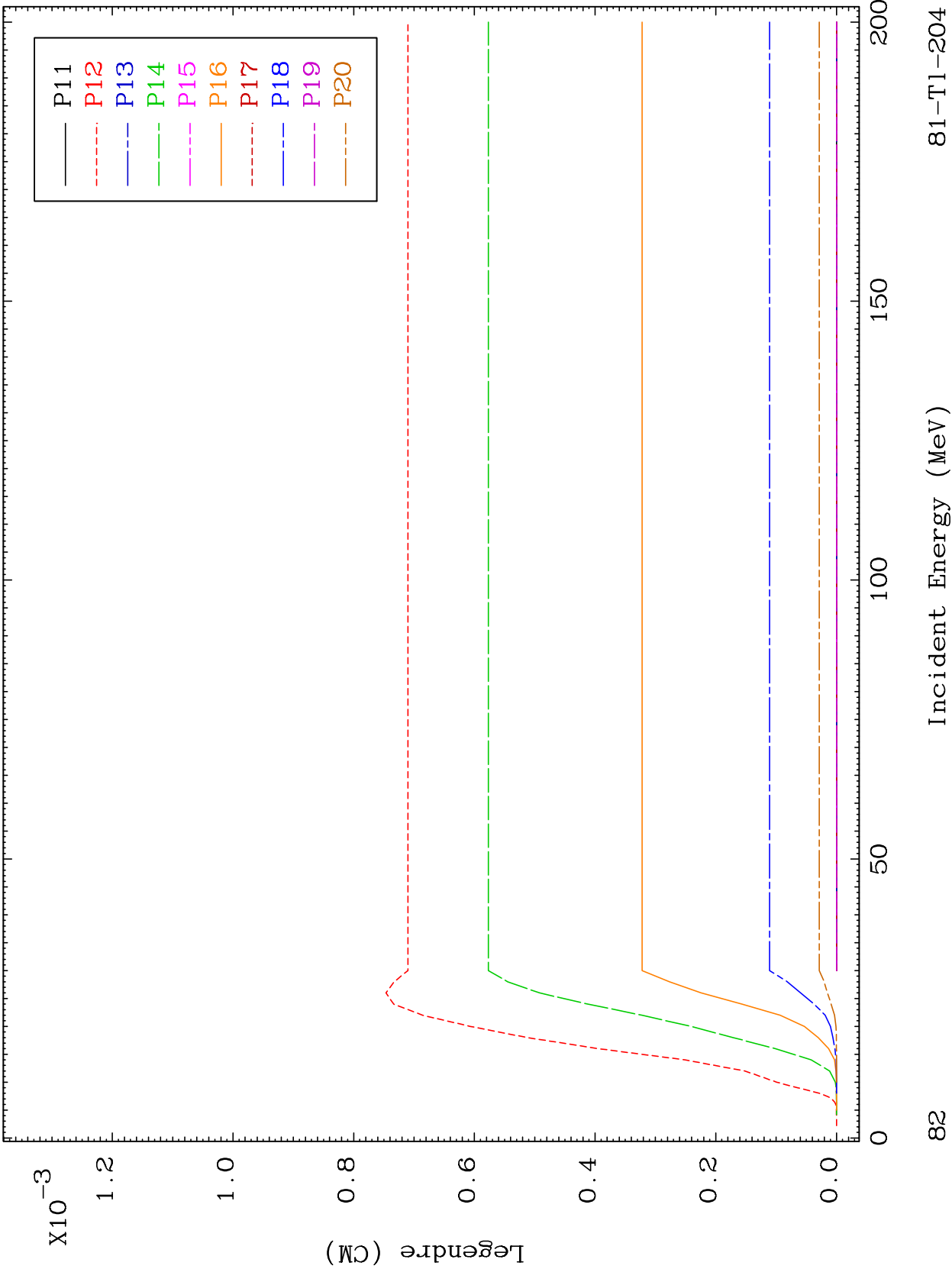
81-T1-204



81

Incident Energy (MeV)

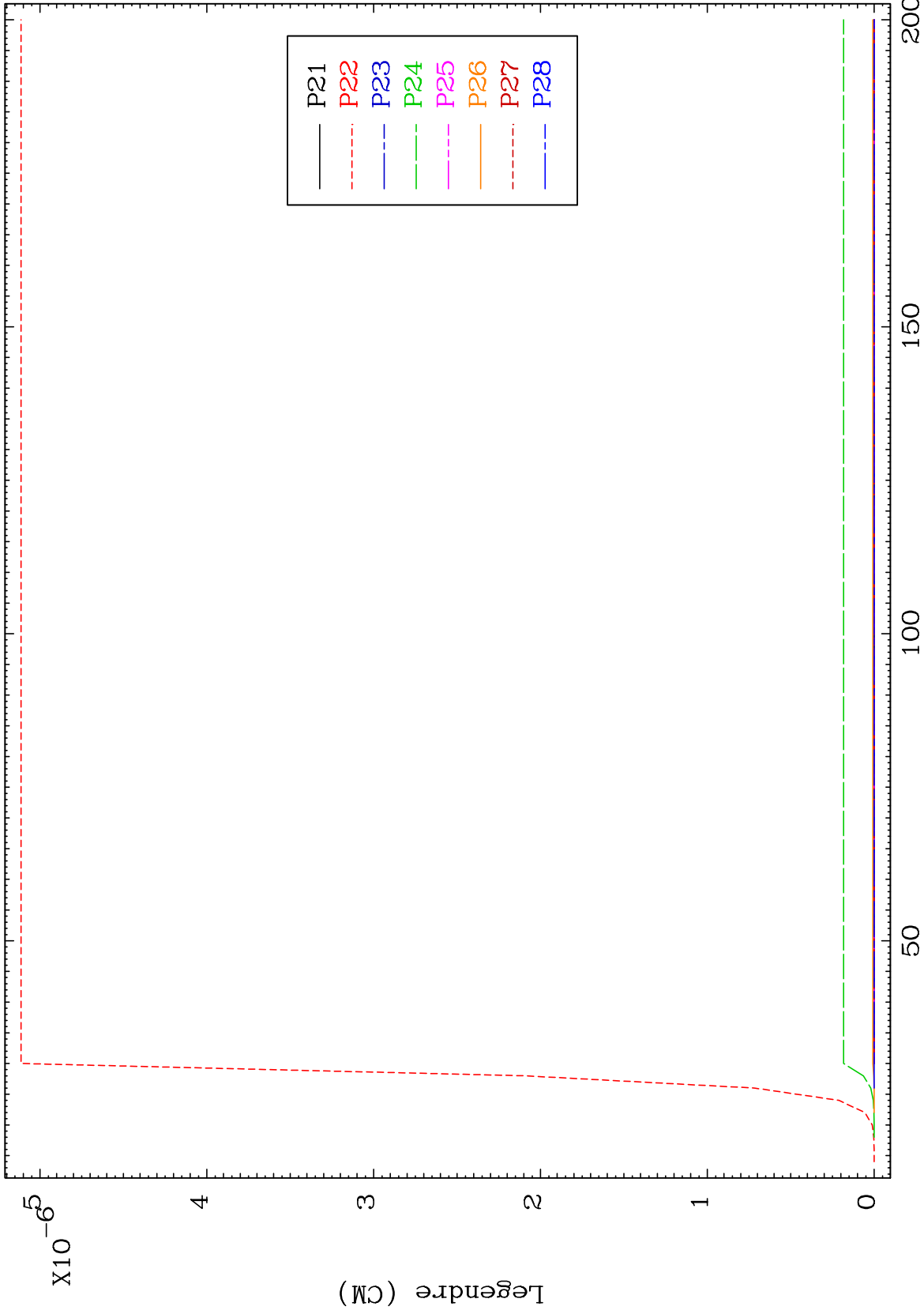
81-T1-204



MAT 8128

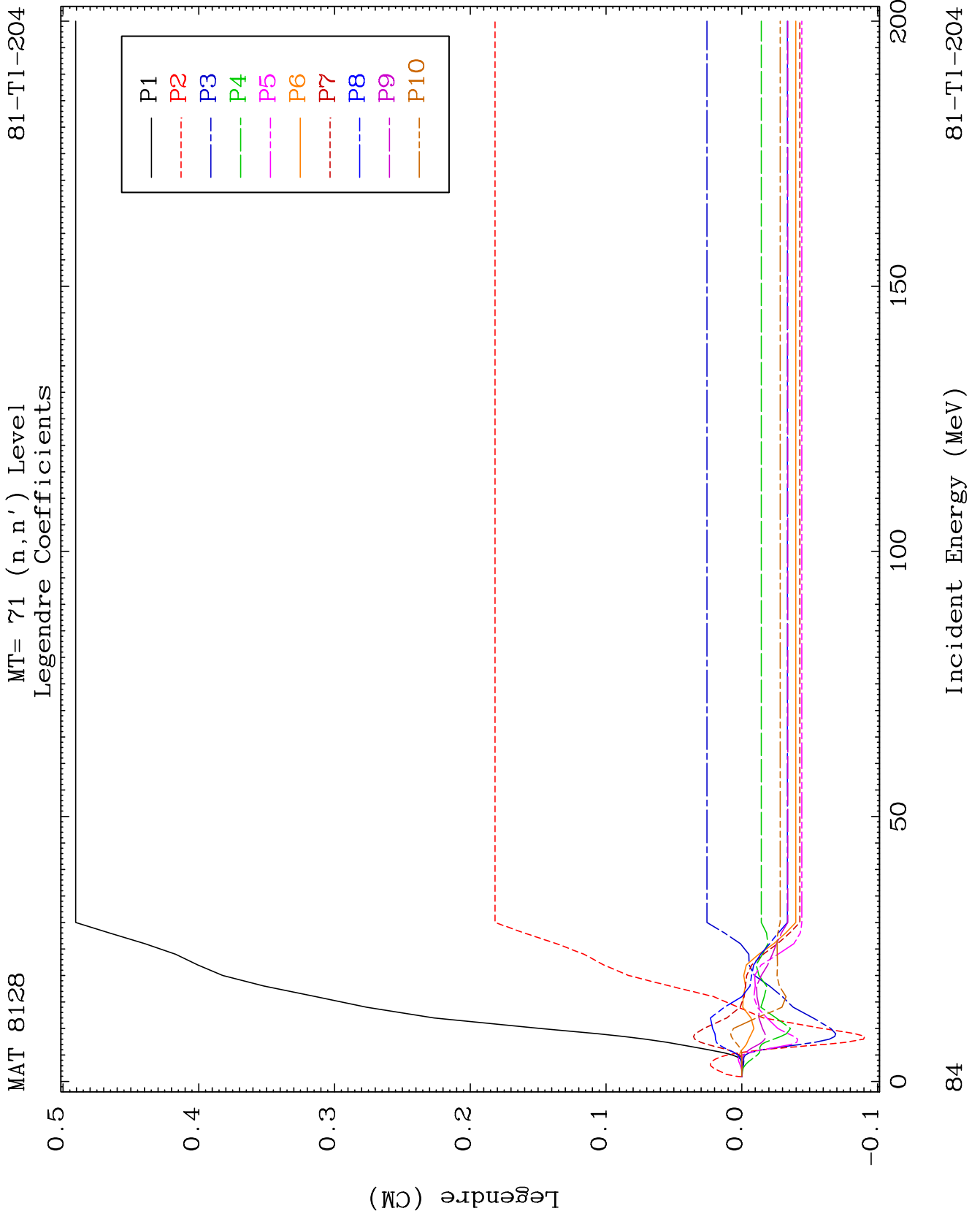
MT= 70 (n,n') Level
Legendre Coefficients

81-T1-204



83

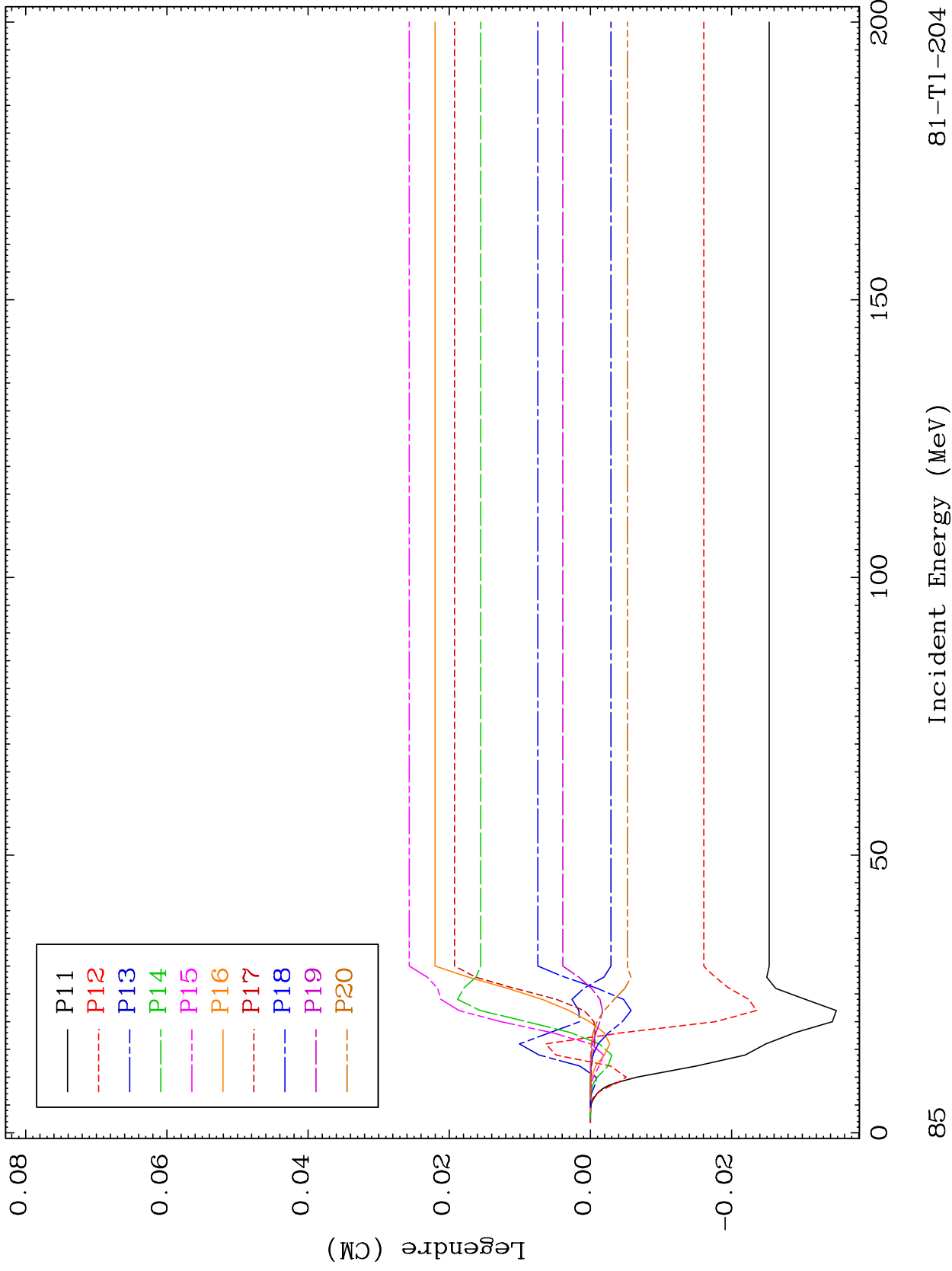
81-T1-204



MAT 8128

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

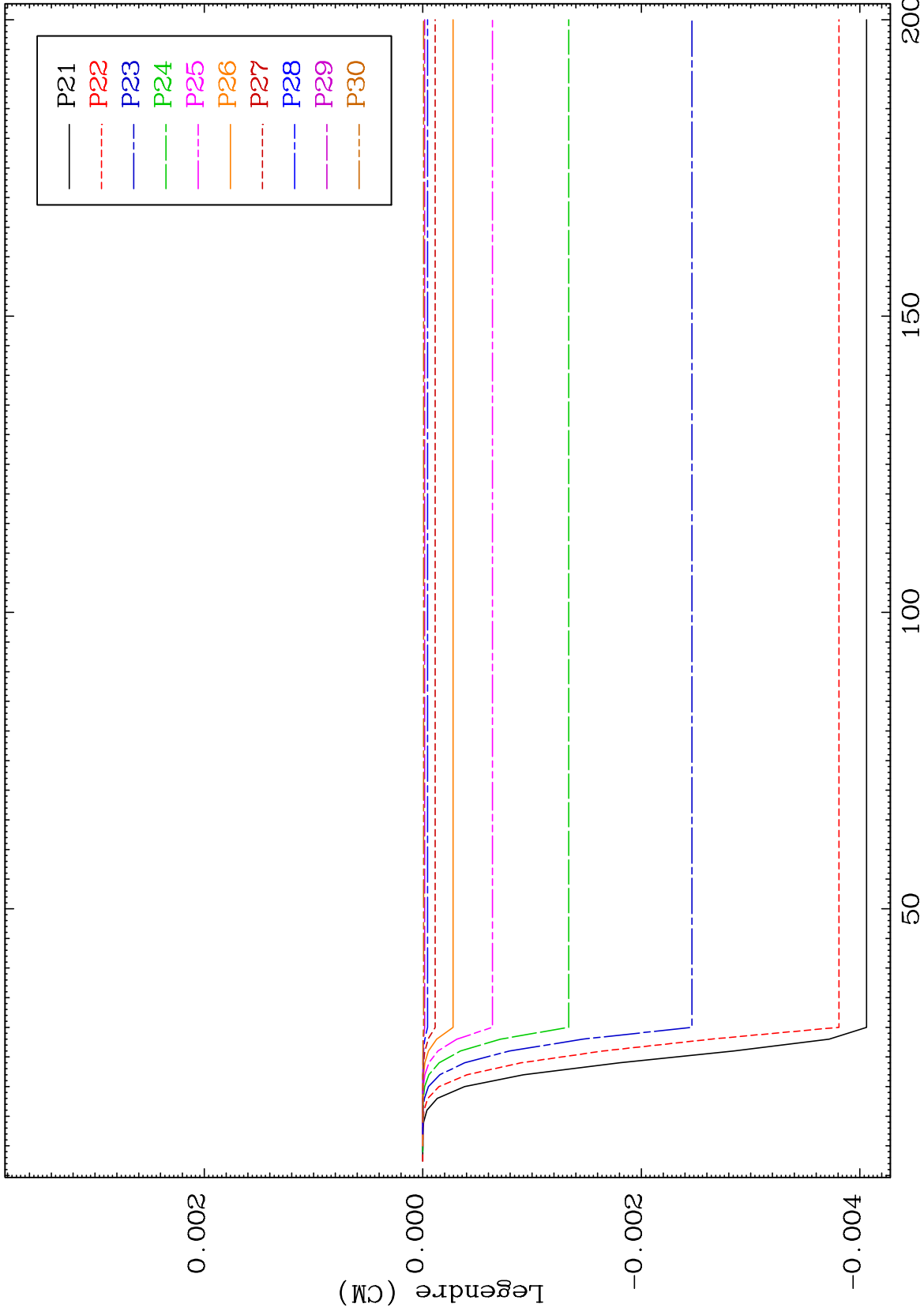
81-T1-204

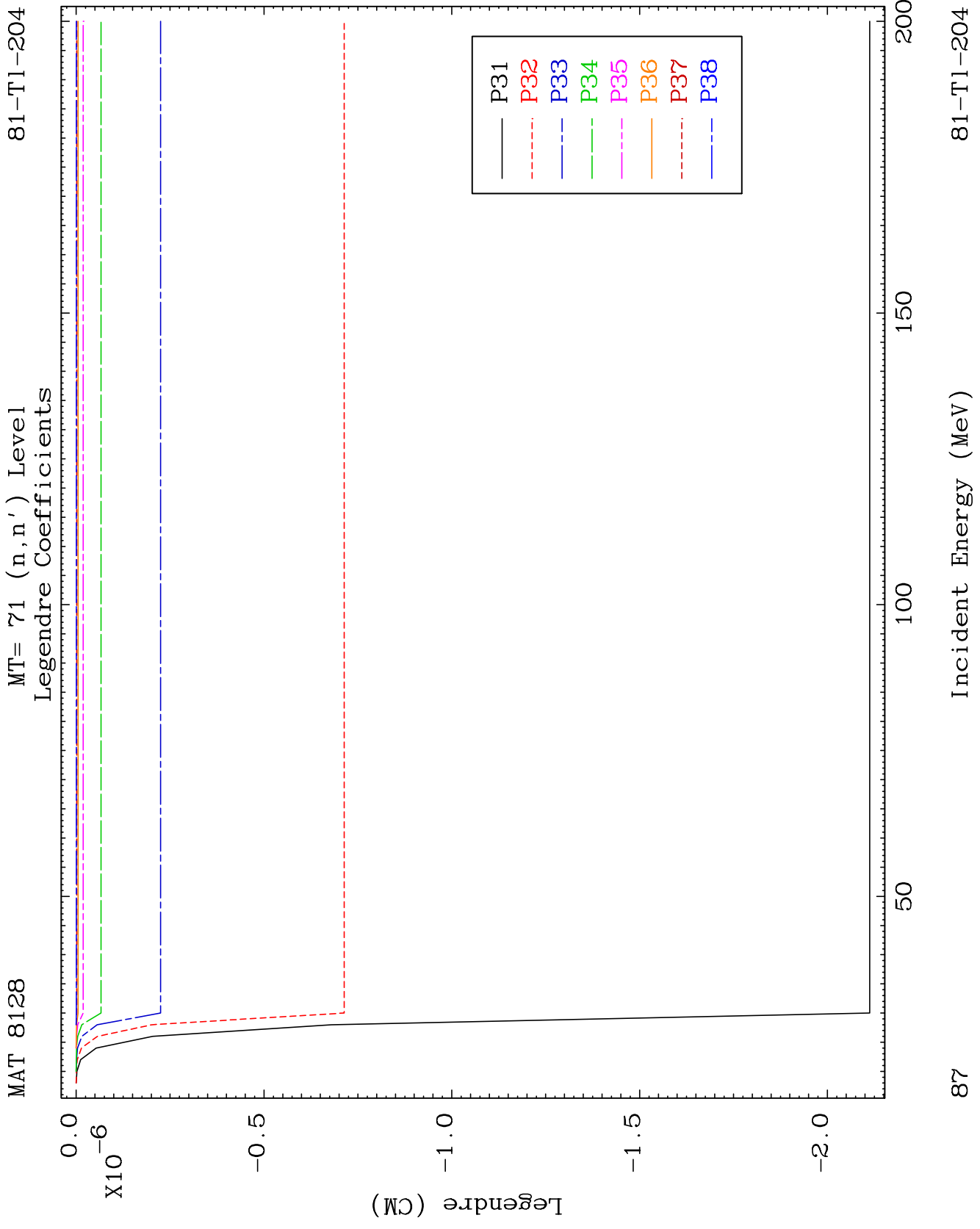


85

Incident Energy (MeV)

81-T1-204

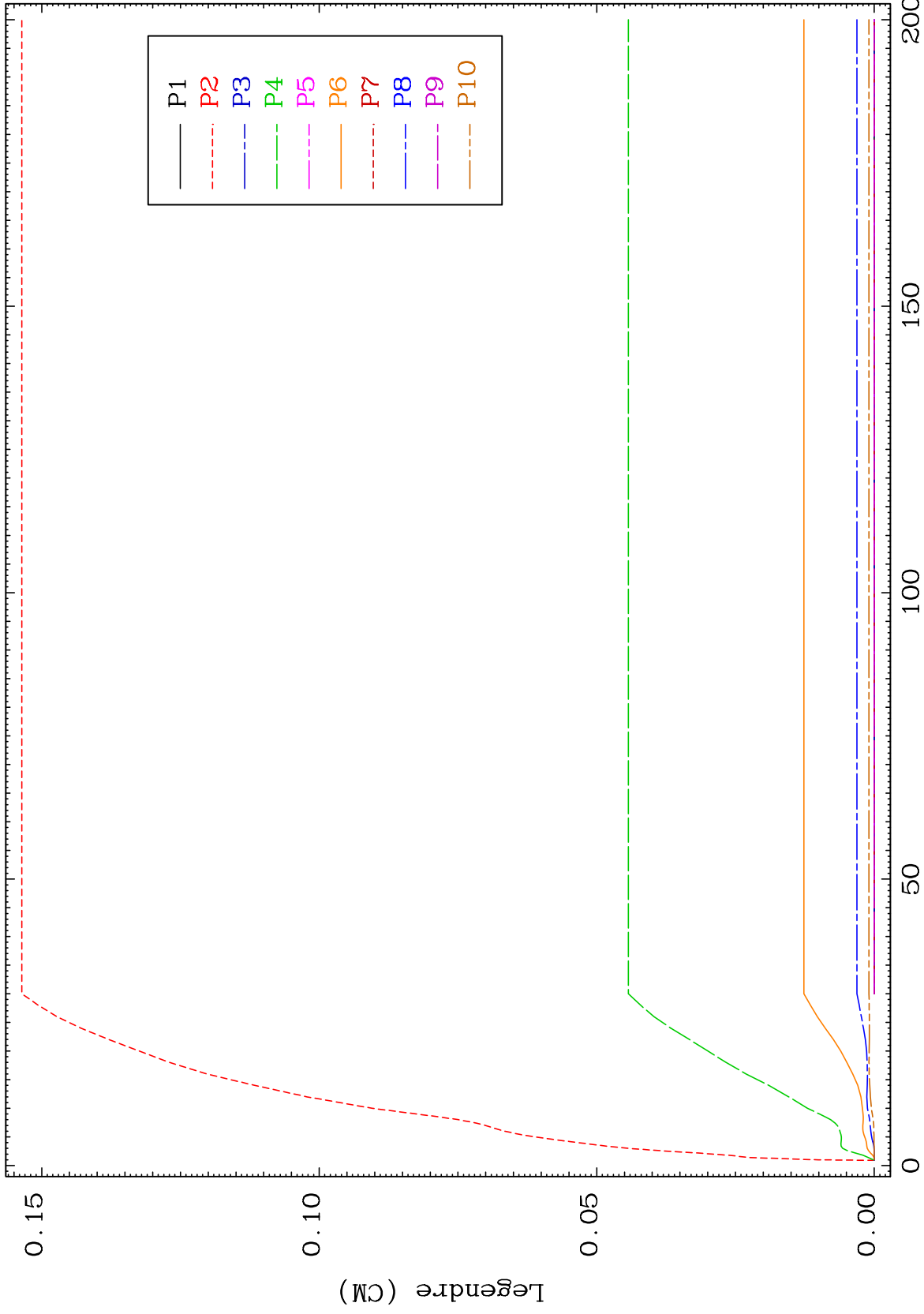




MAT 8128

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

81-T1-204



88

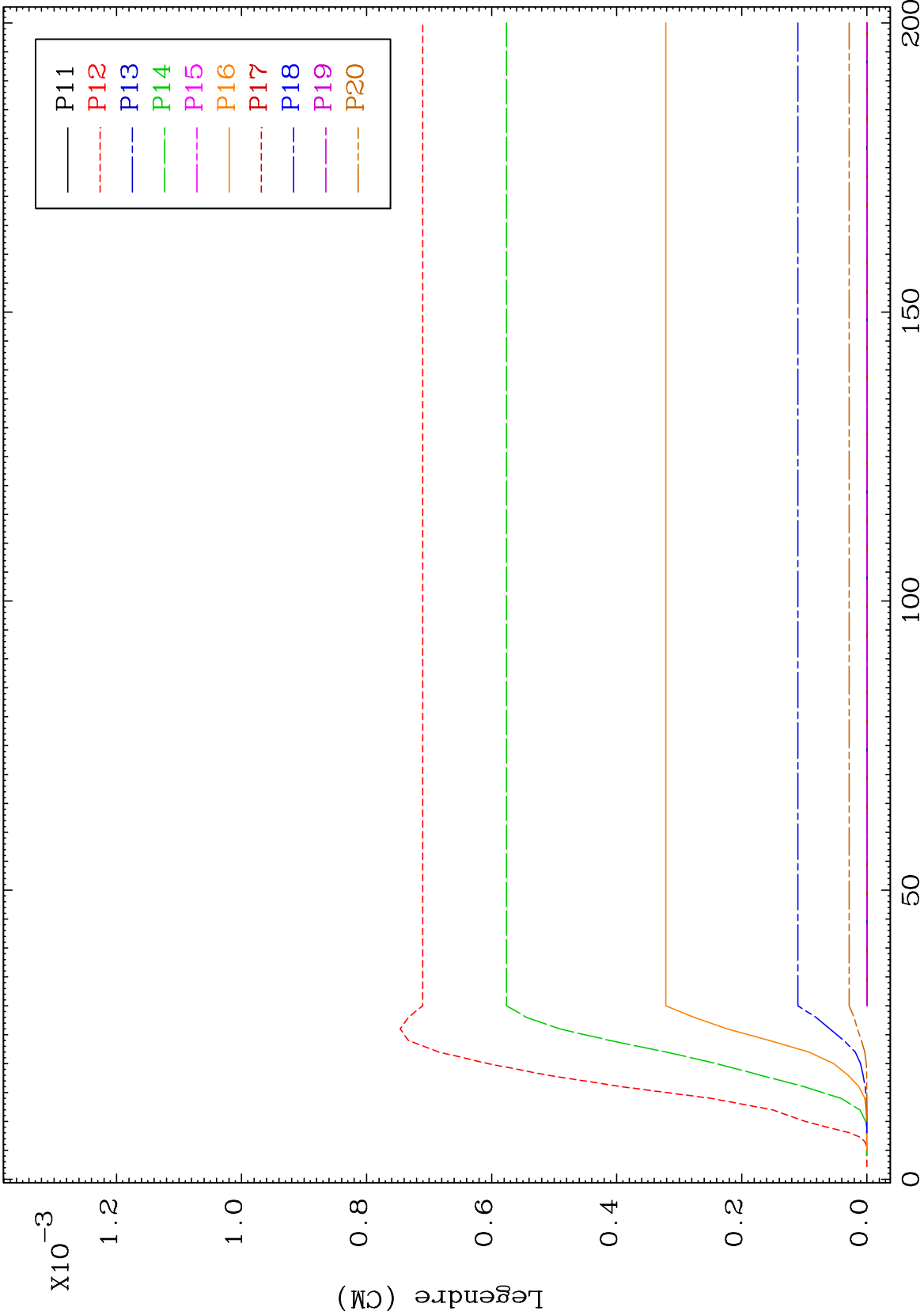
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



89

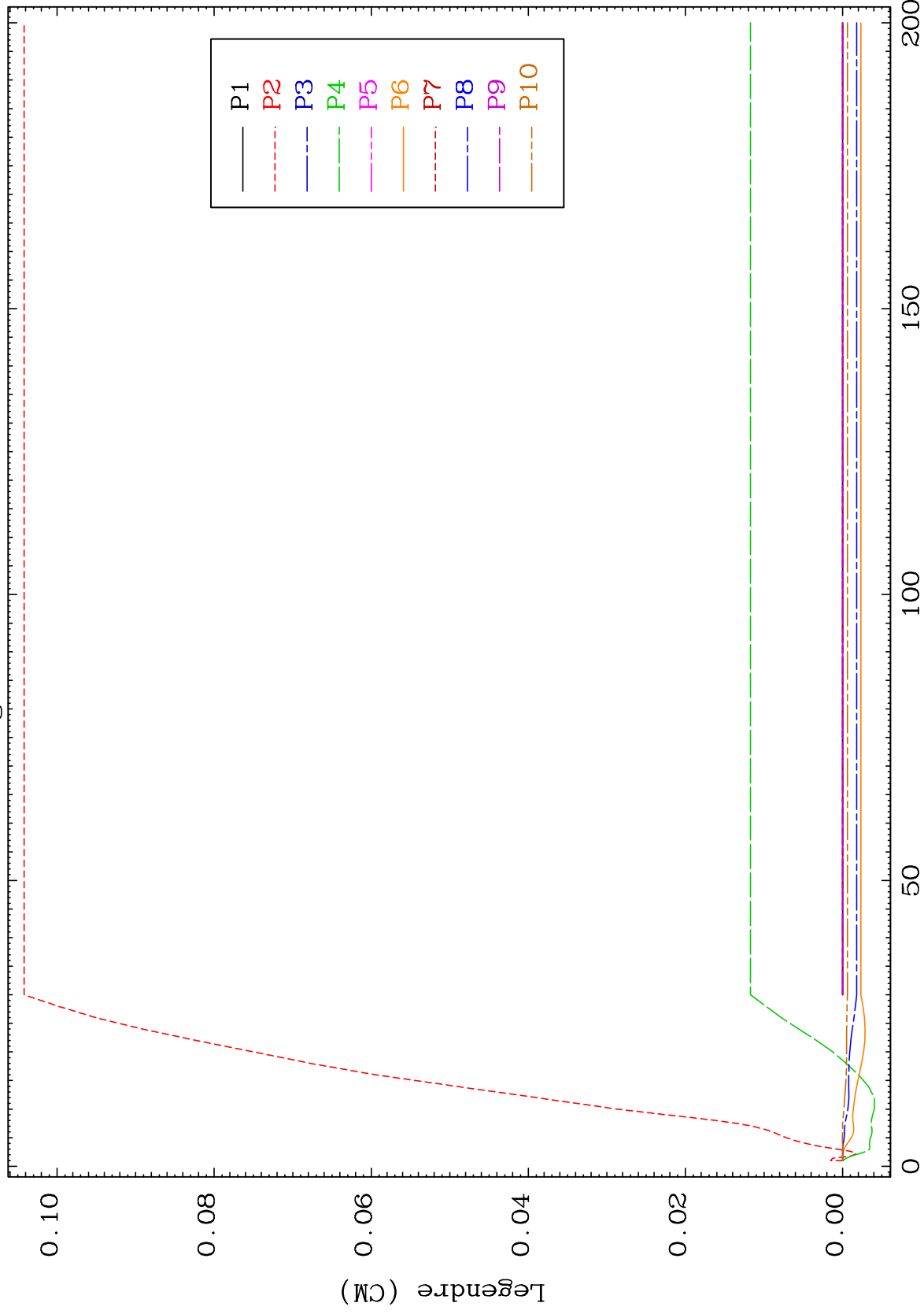
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



91

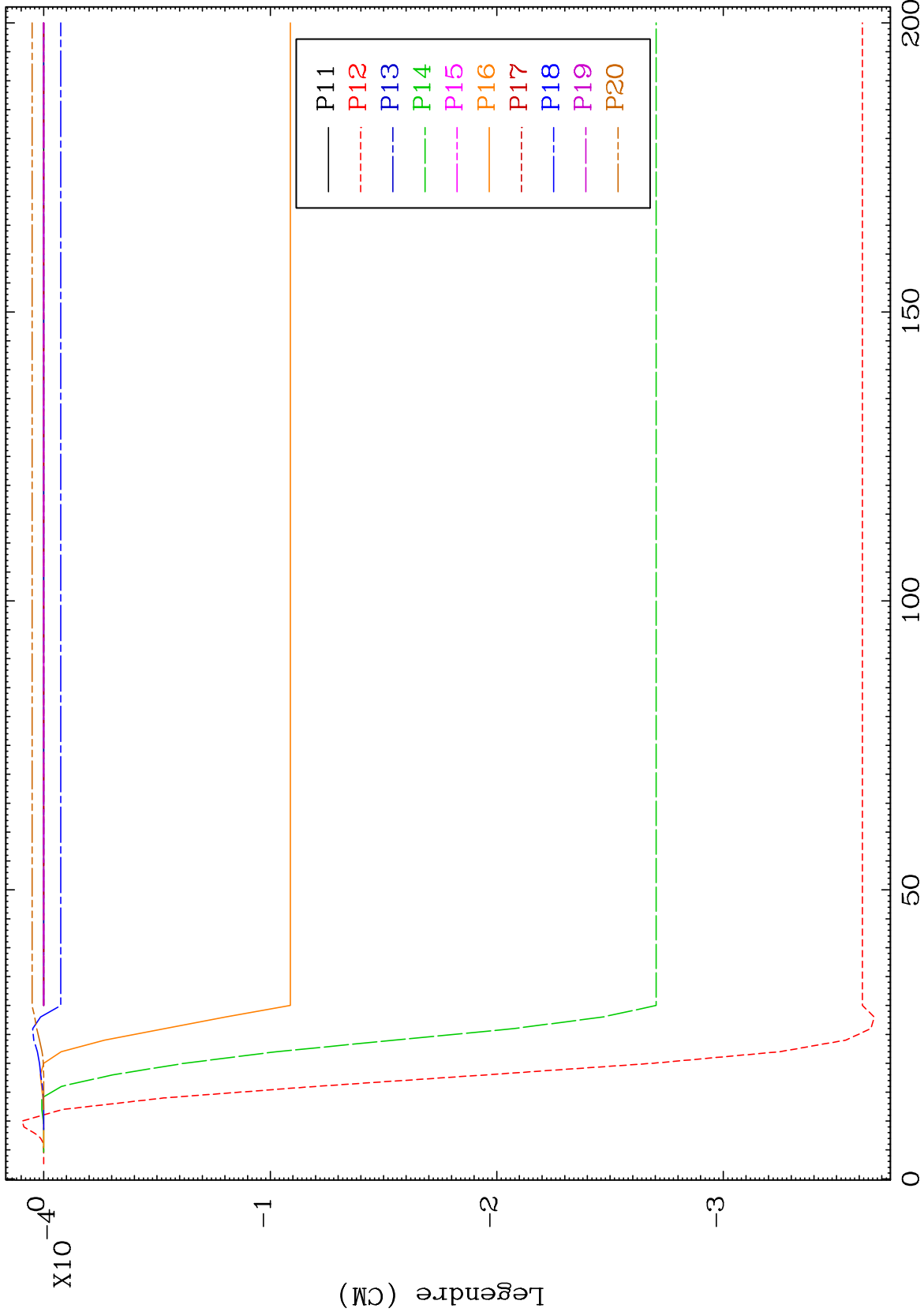
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



92

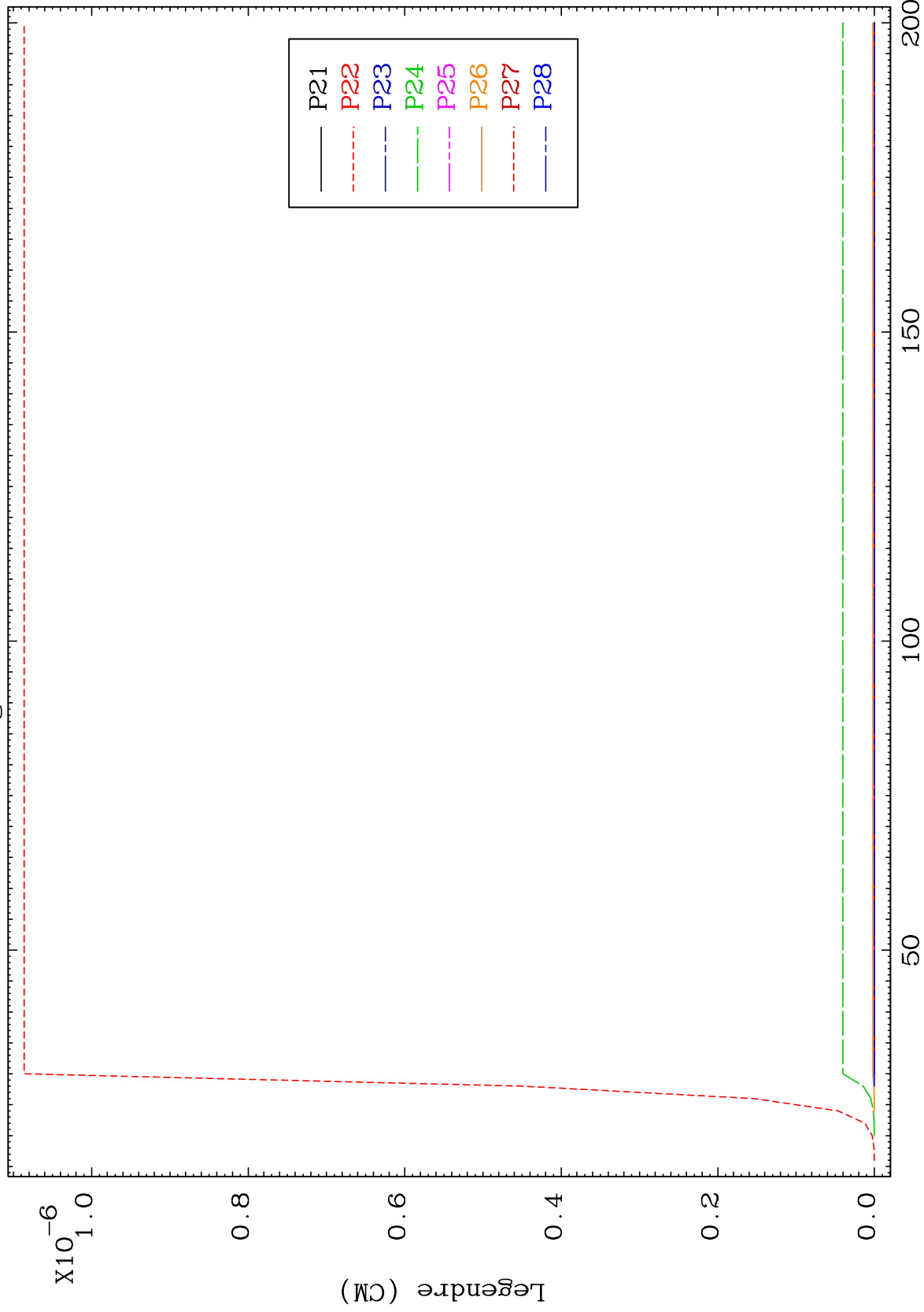
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



93

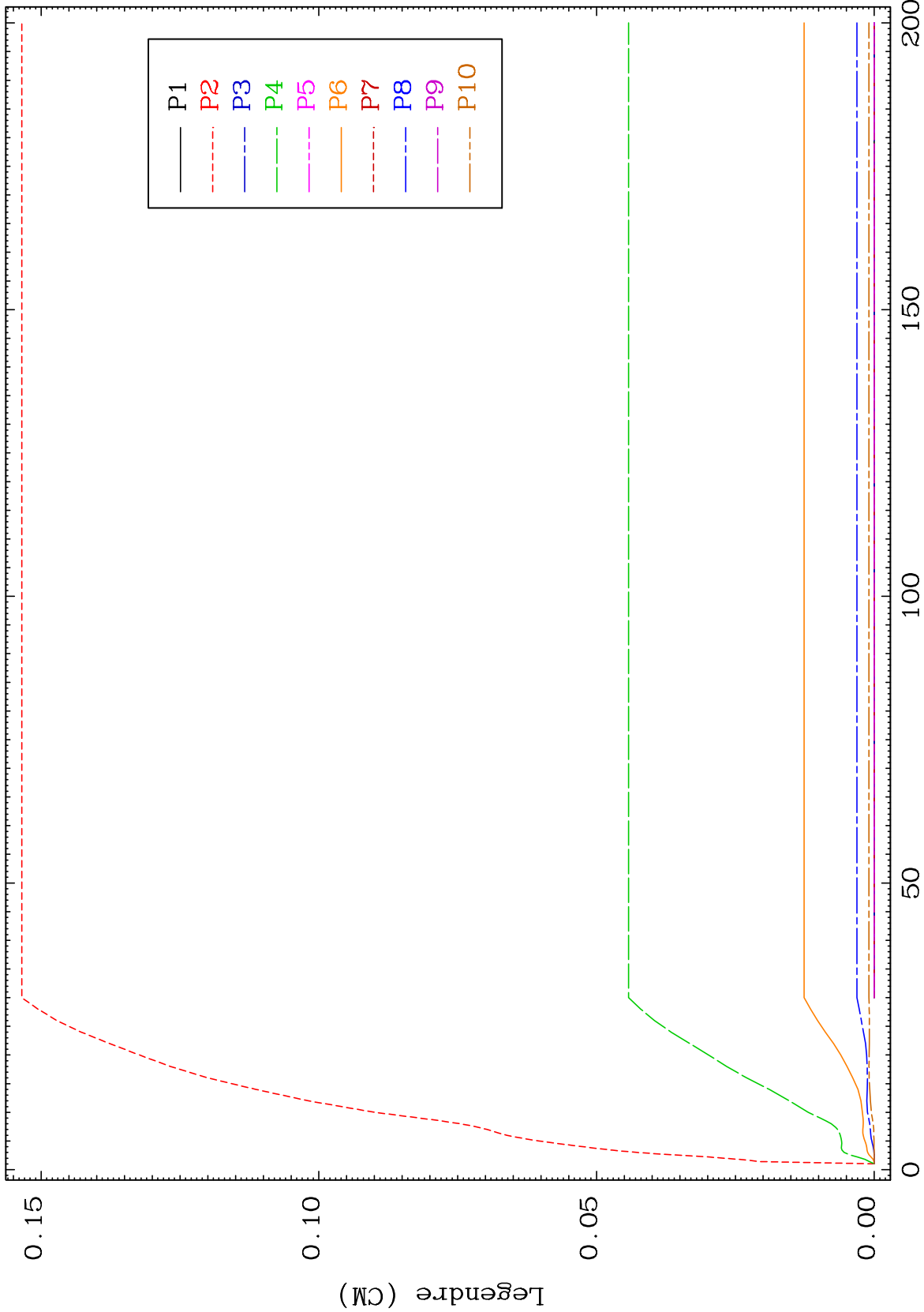
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



94

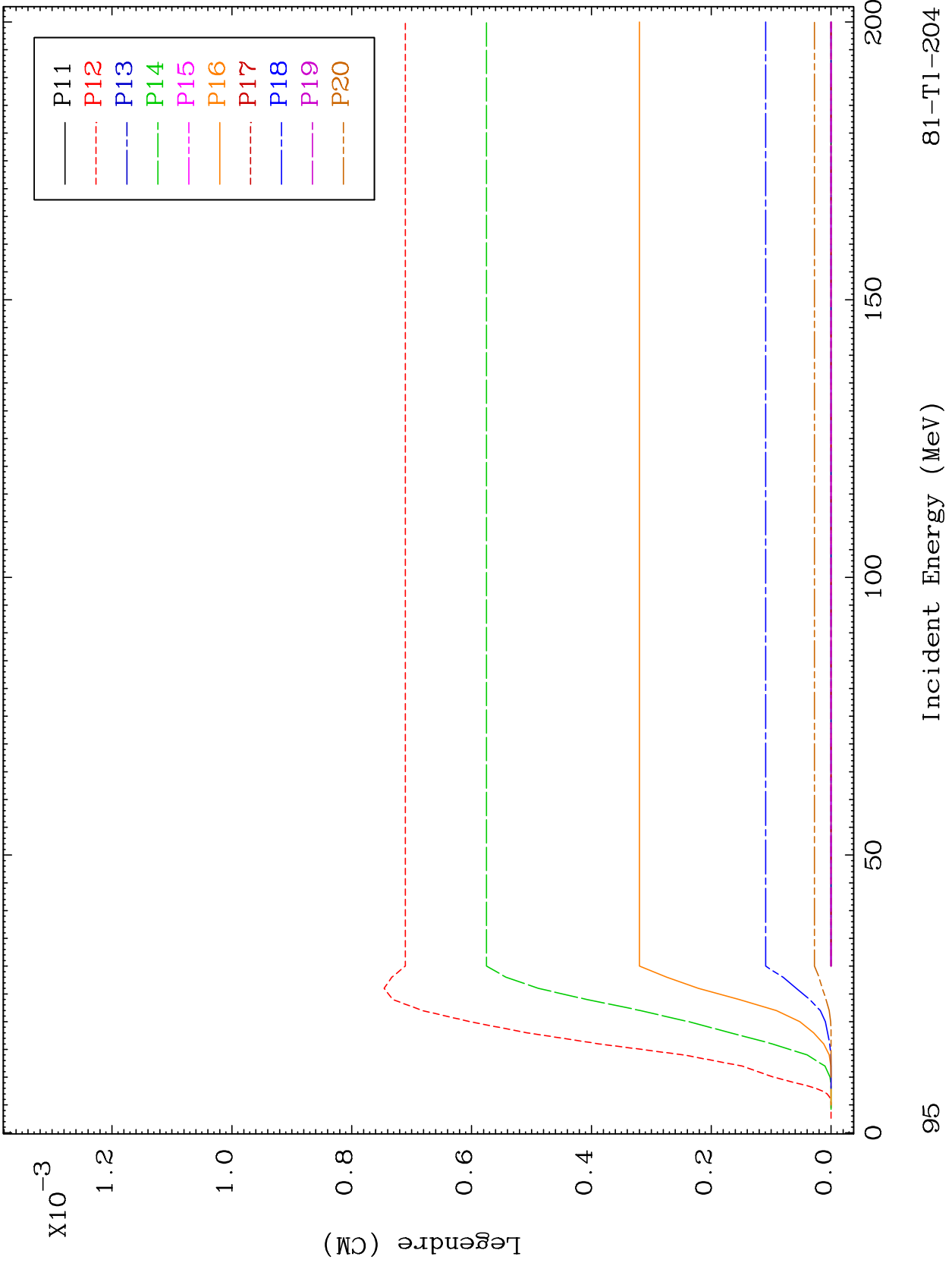
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

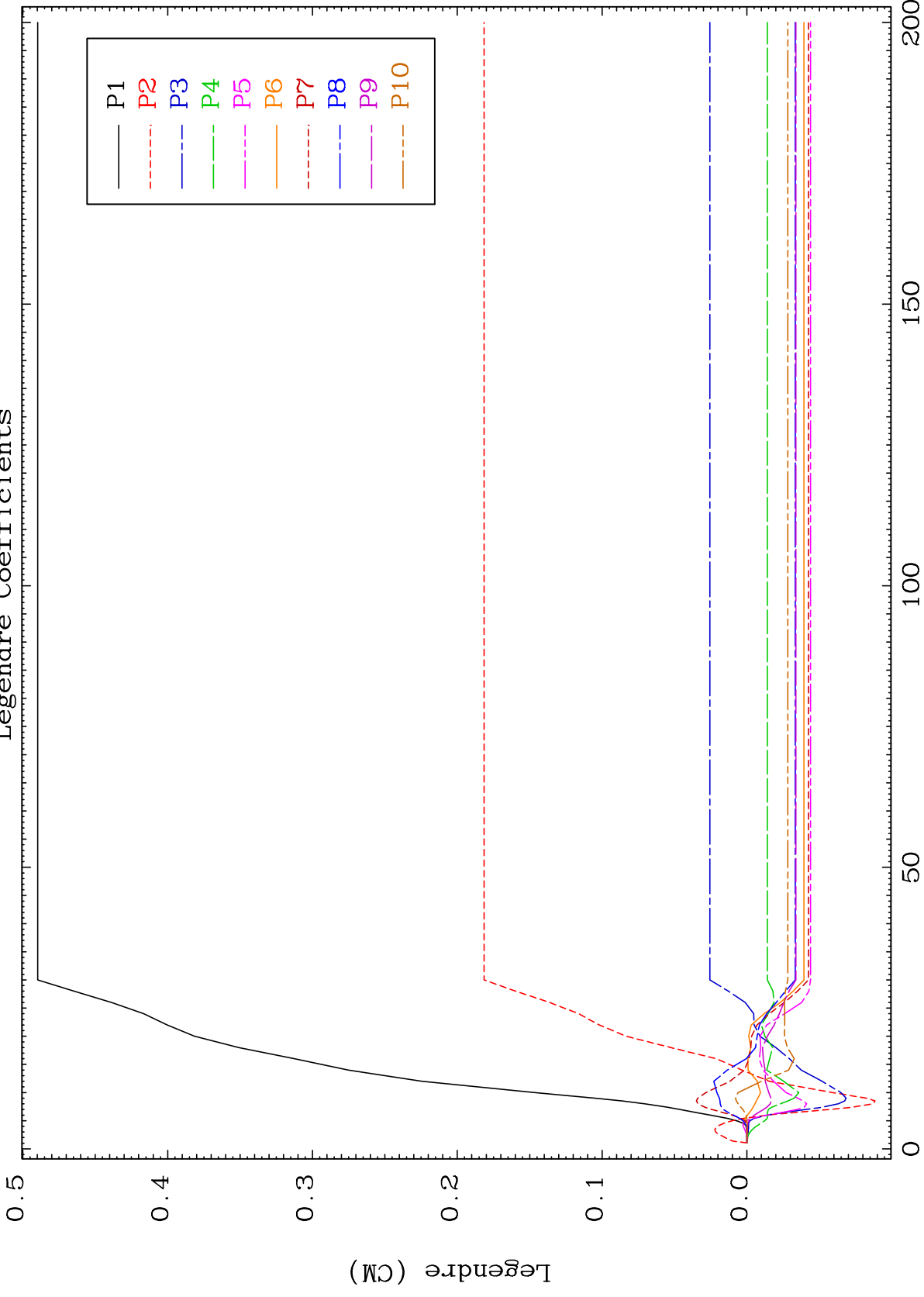


MAT 8128

MT= 75 (n,n') Level

81-T1-204

Legendre Coefficients



97

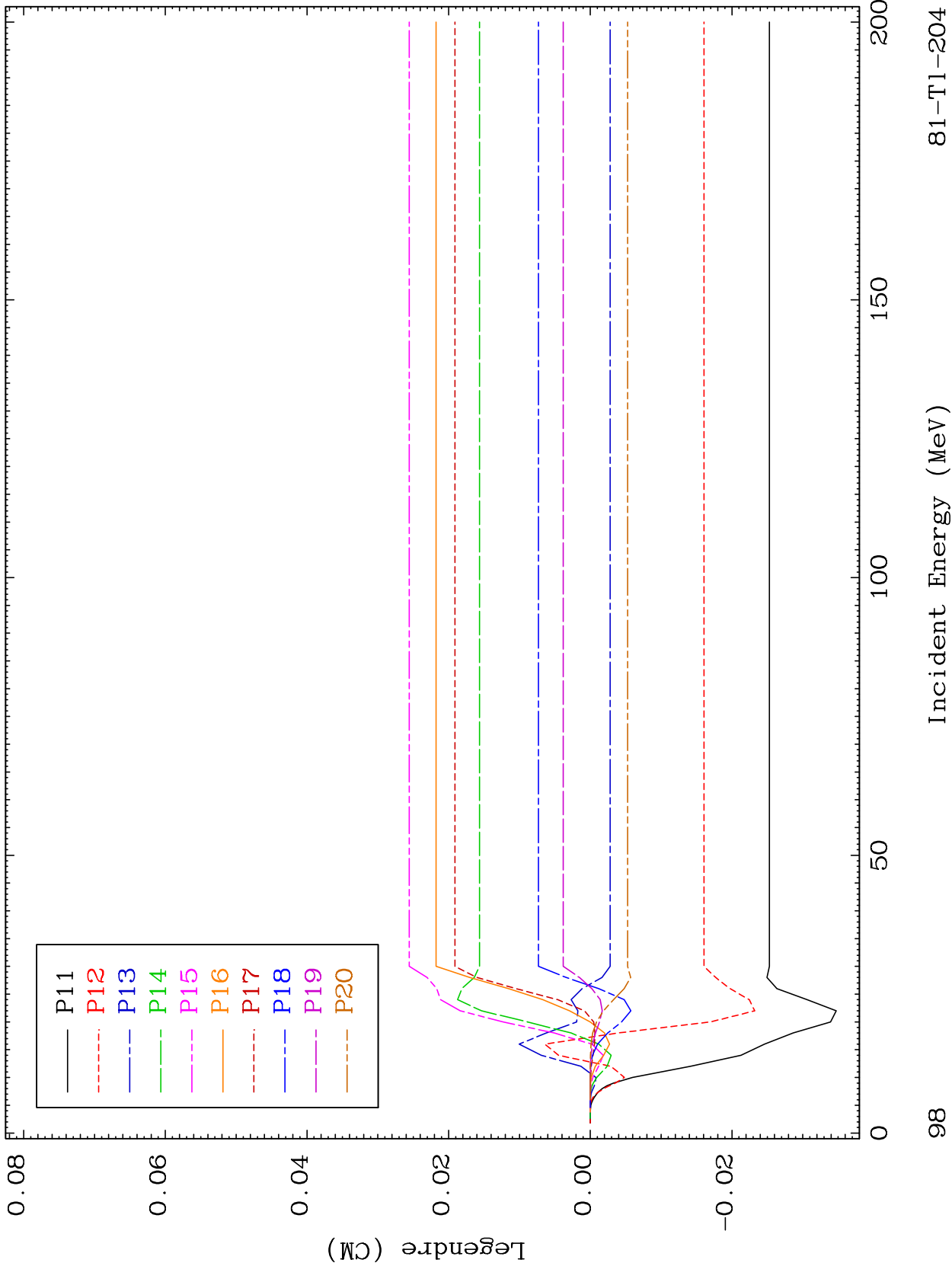
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



98

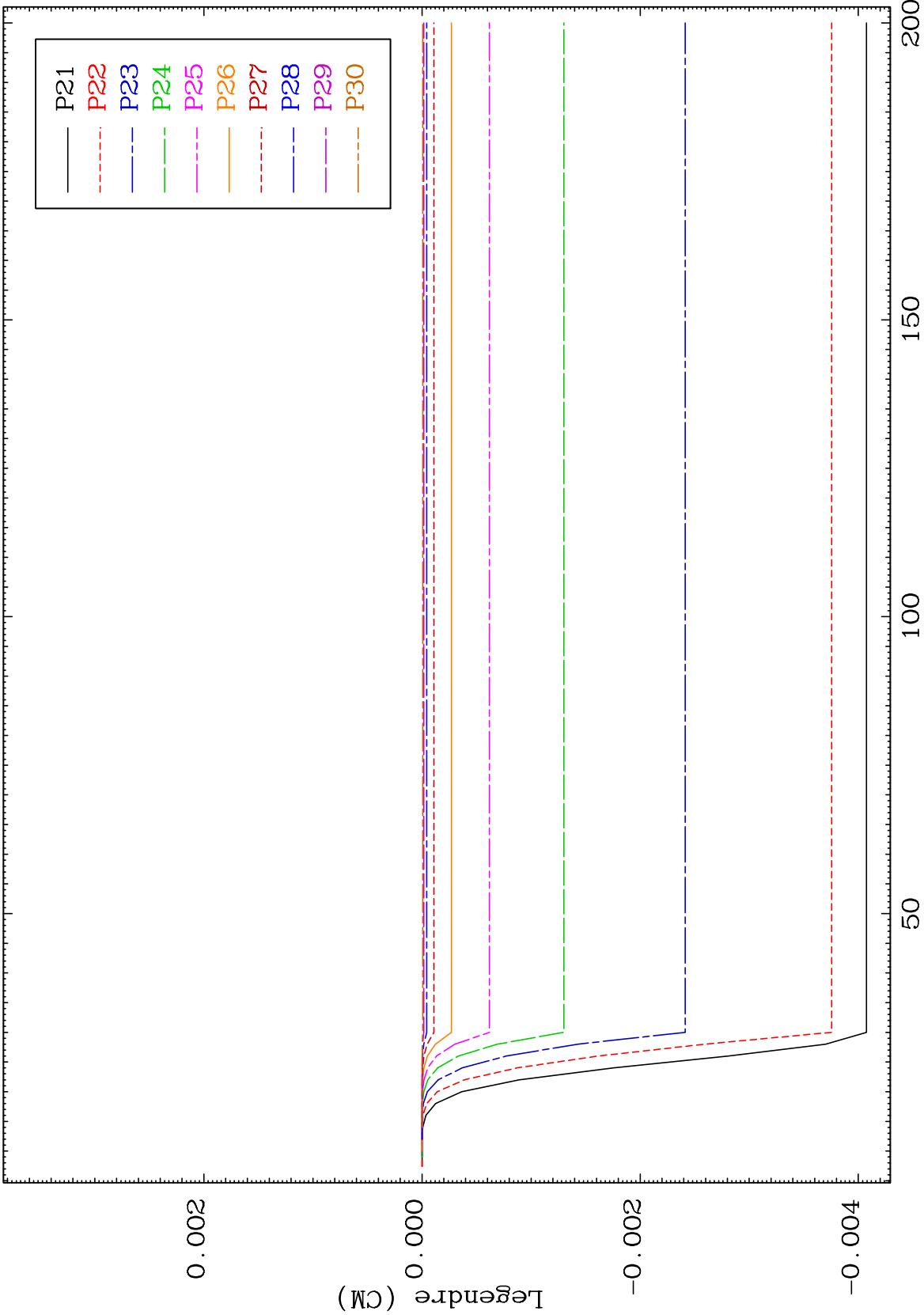
Incident Energy (MeV)

81-T1-204

MAT 8128

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

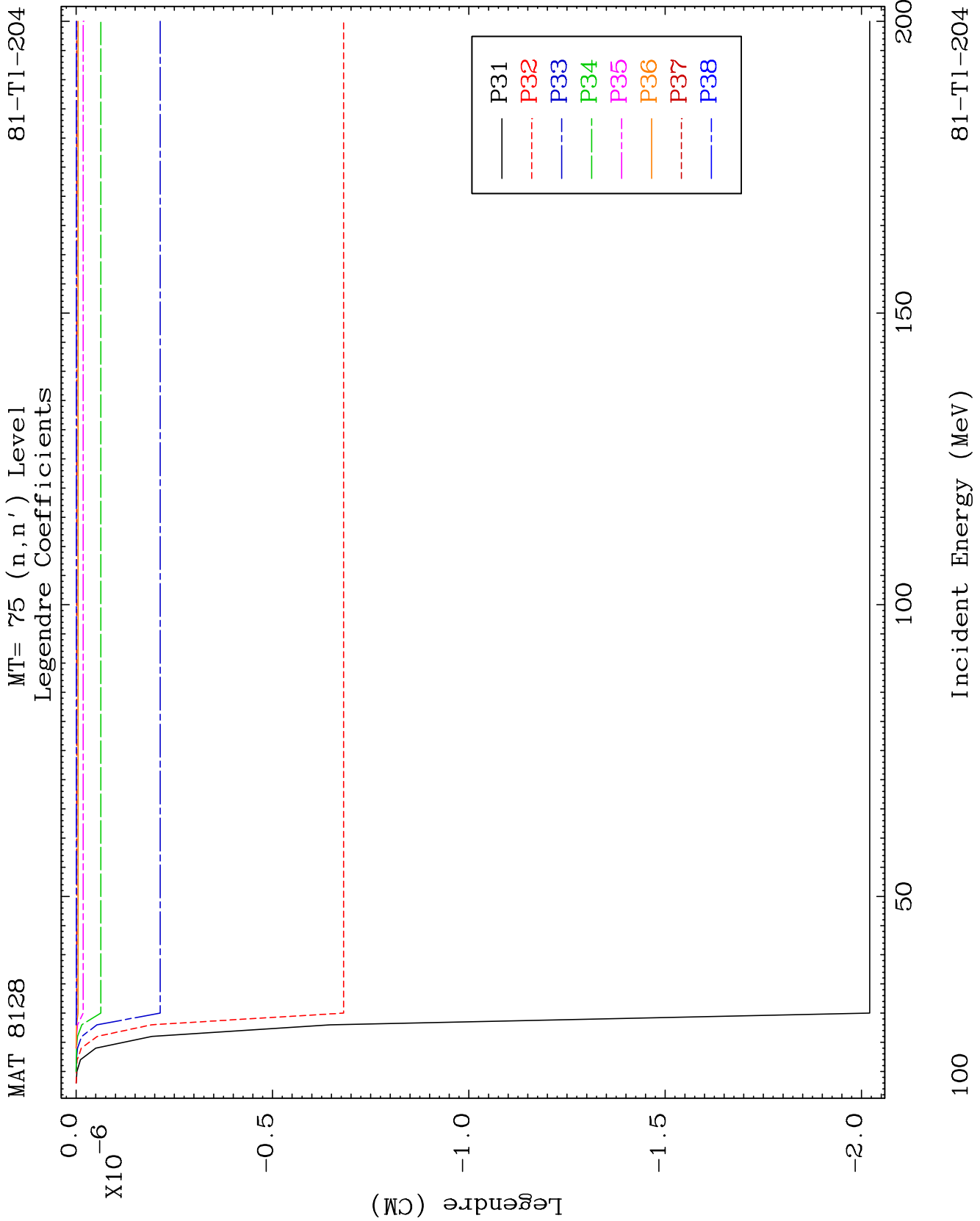
81-T1-204



99

Incident Energy (MeV)

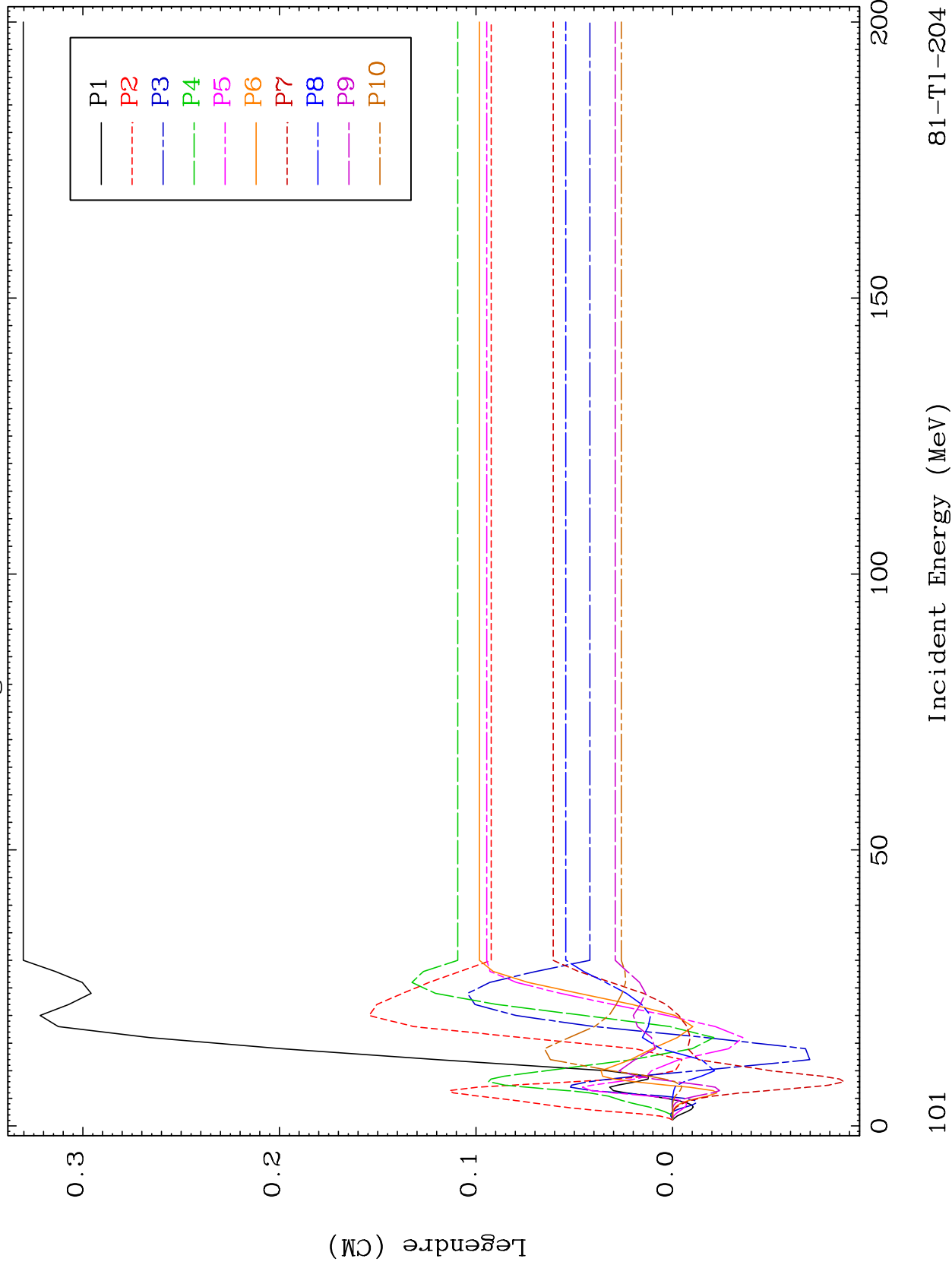
81-T1-204

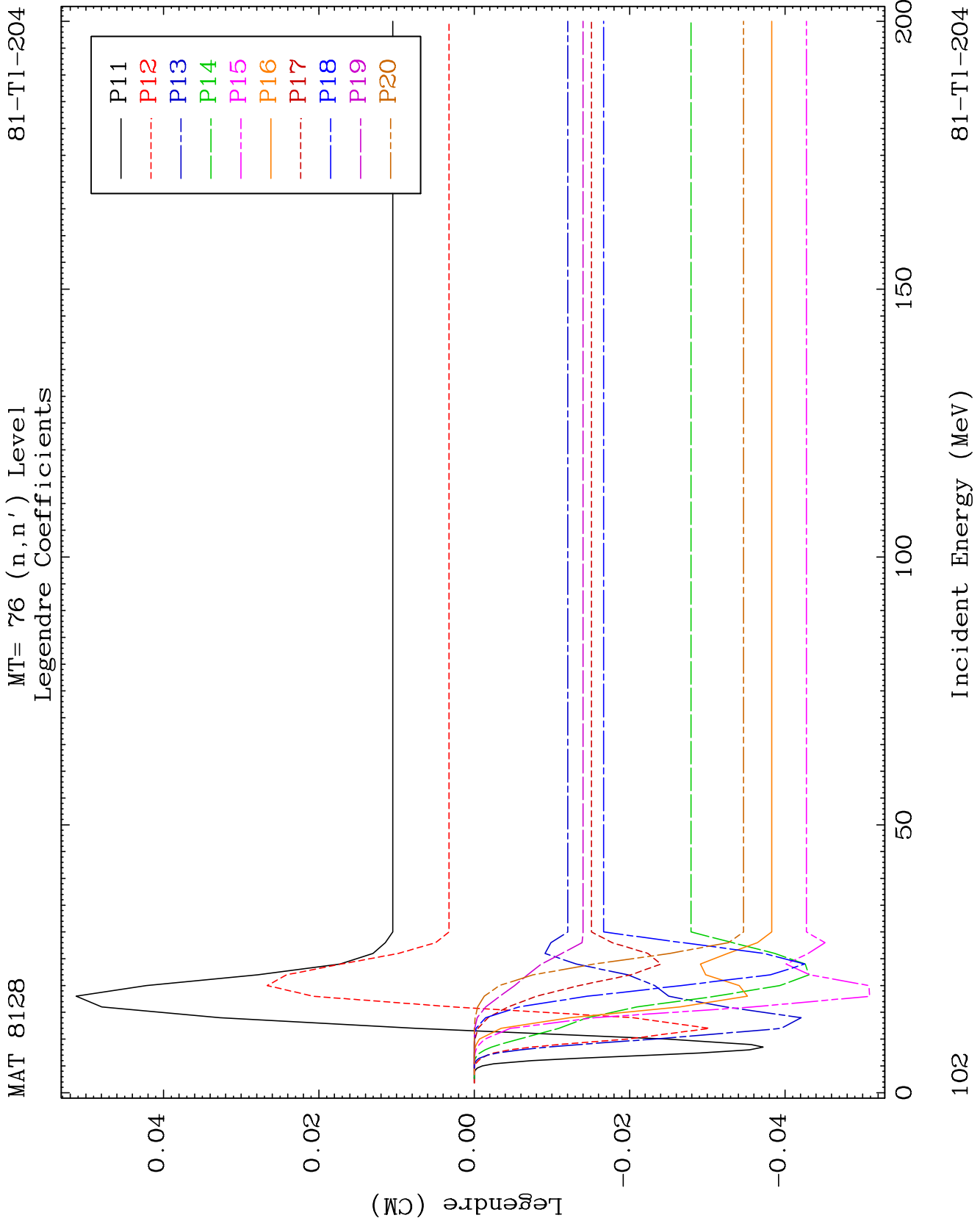


MAT 8128

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

81-T1-204

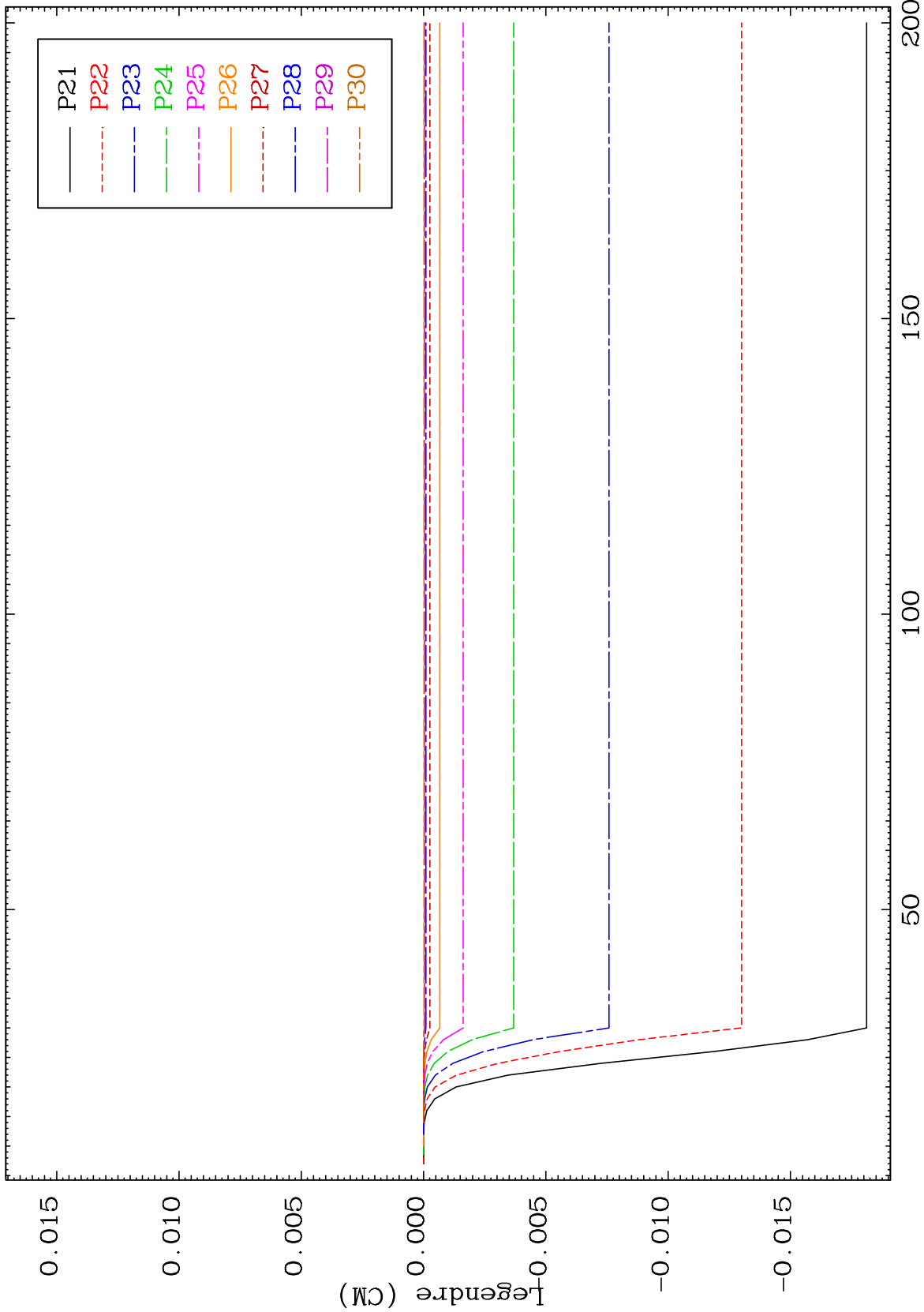




MAT 8128

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

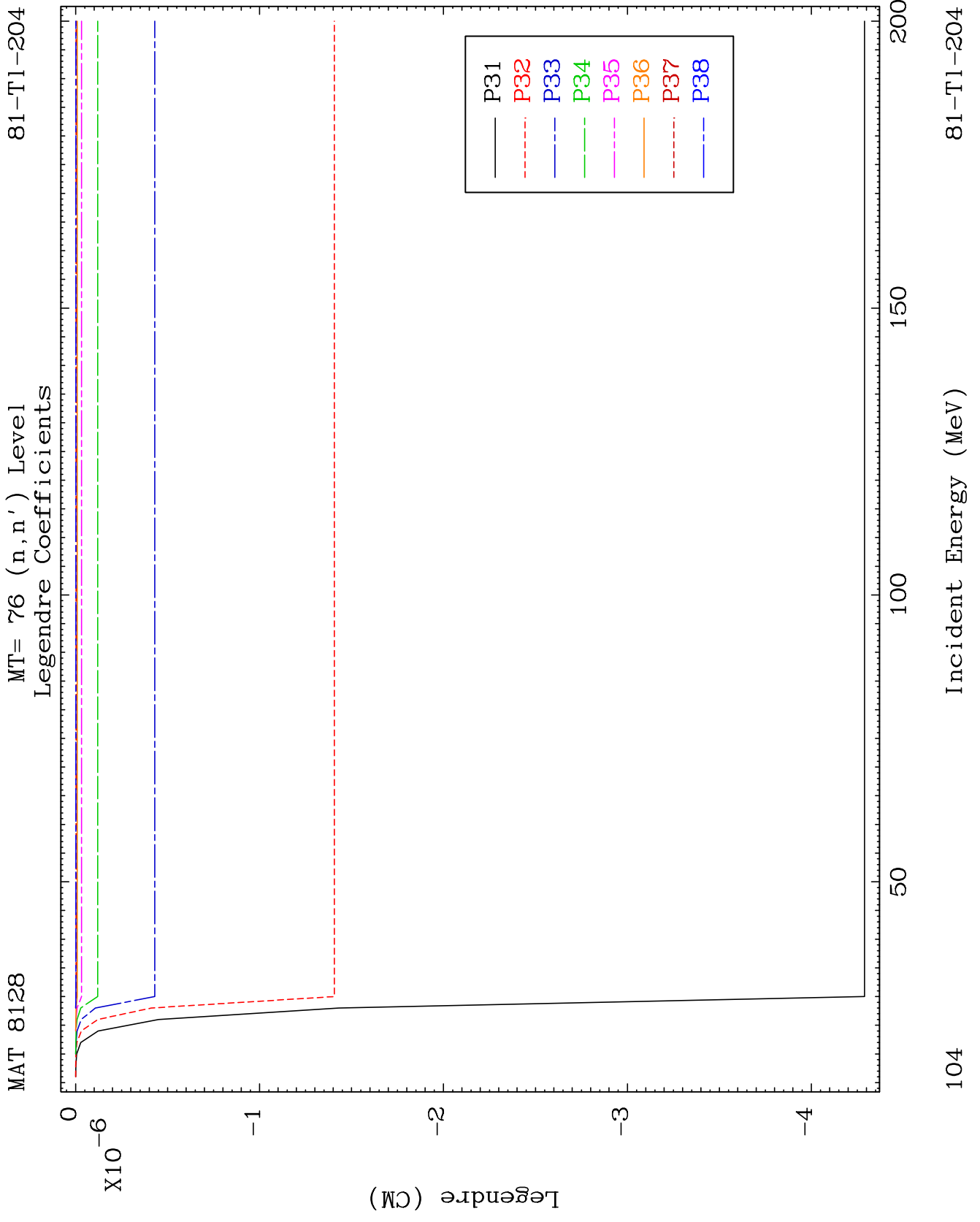
81-T1-204



103

Incident Energy (MeV)

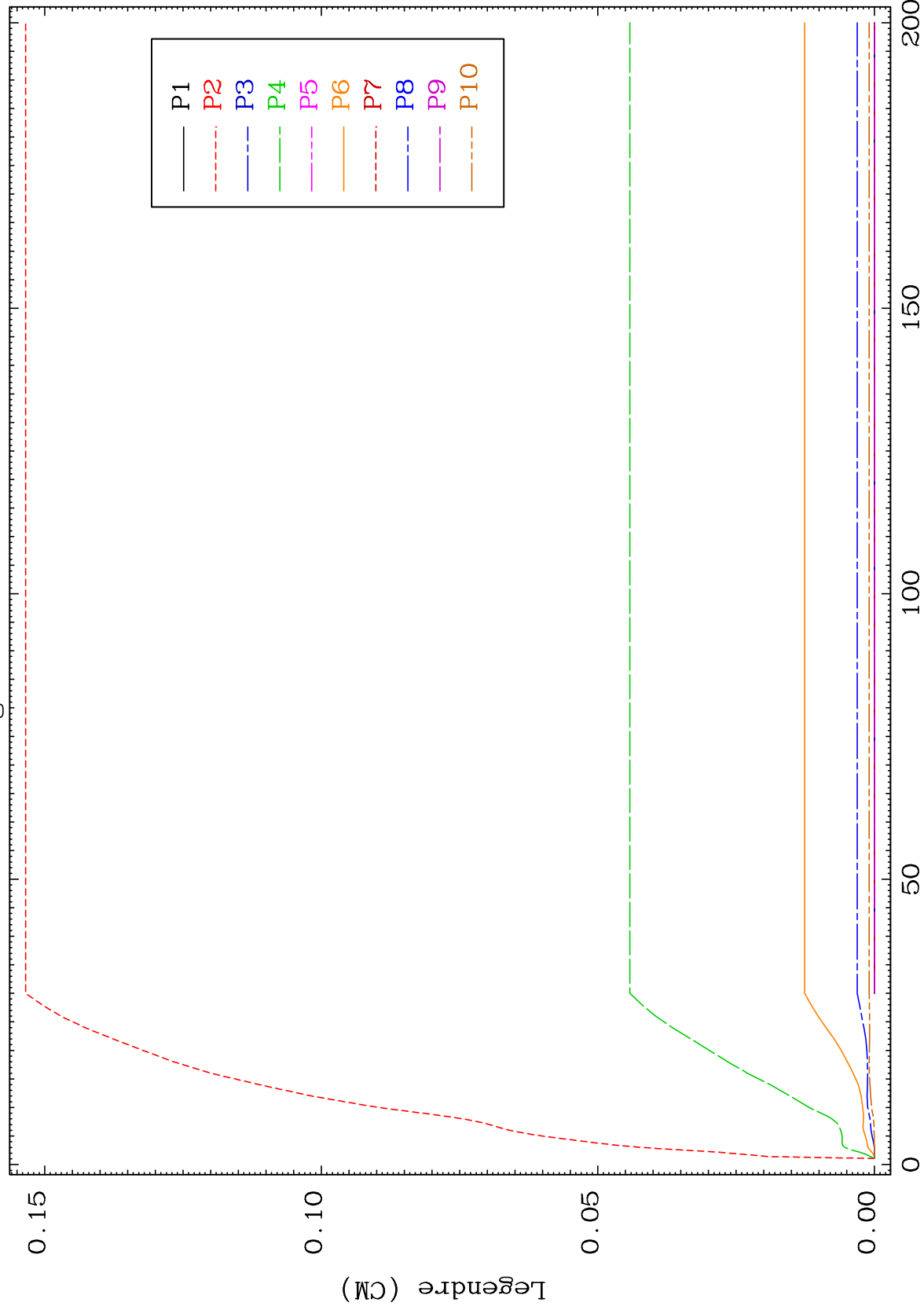
81-T1-204



MAT 8128

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

81-T1-204



81-T1-204

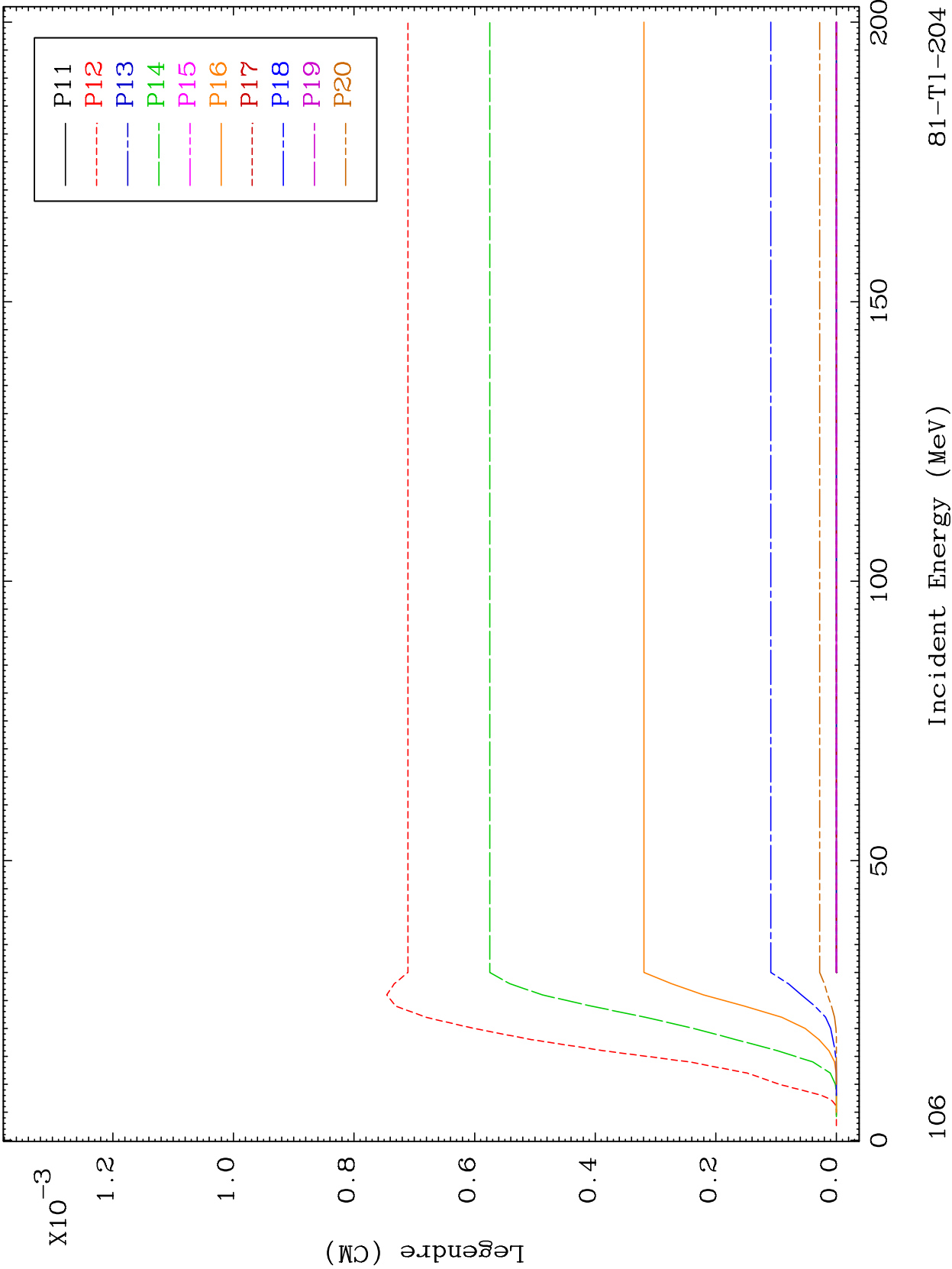
Incident Energy (MeV)

105

MAT 8128

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

81-T1-204



81-T1-204

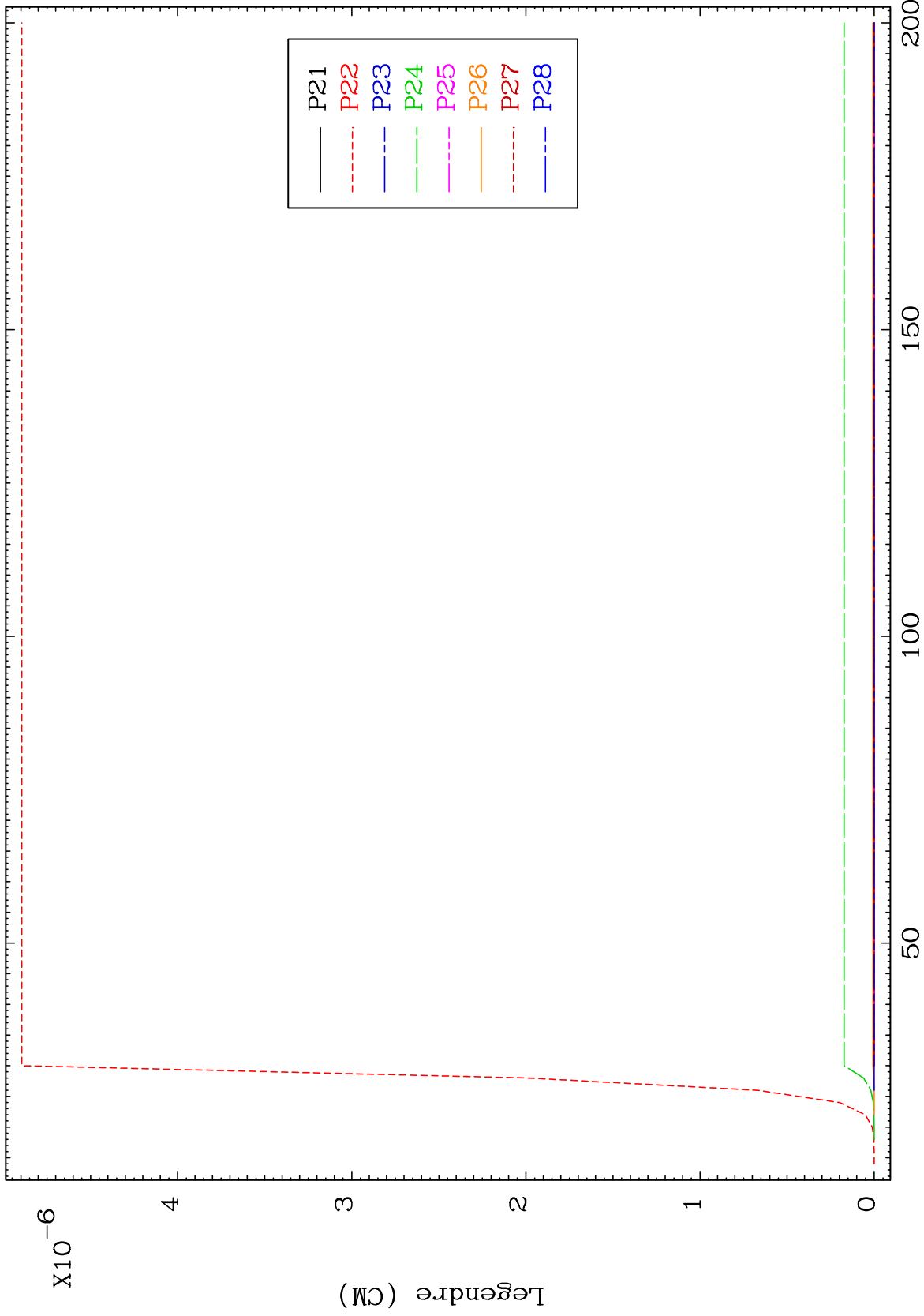
Incident Energy (MeV)

106

MAT 8128

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

81-T1-204



107

Incident Energy (MeV)

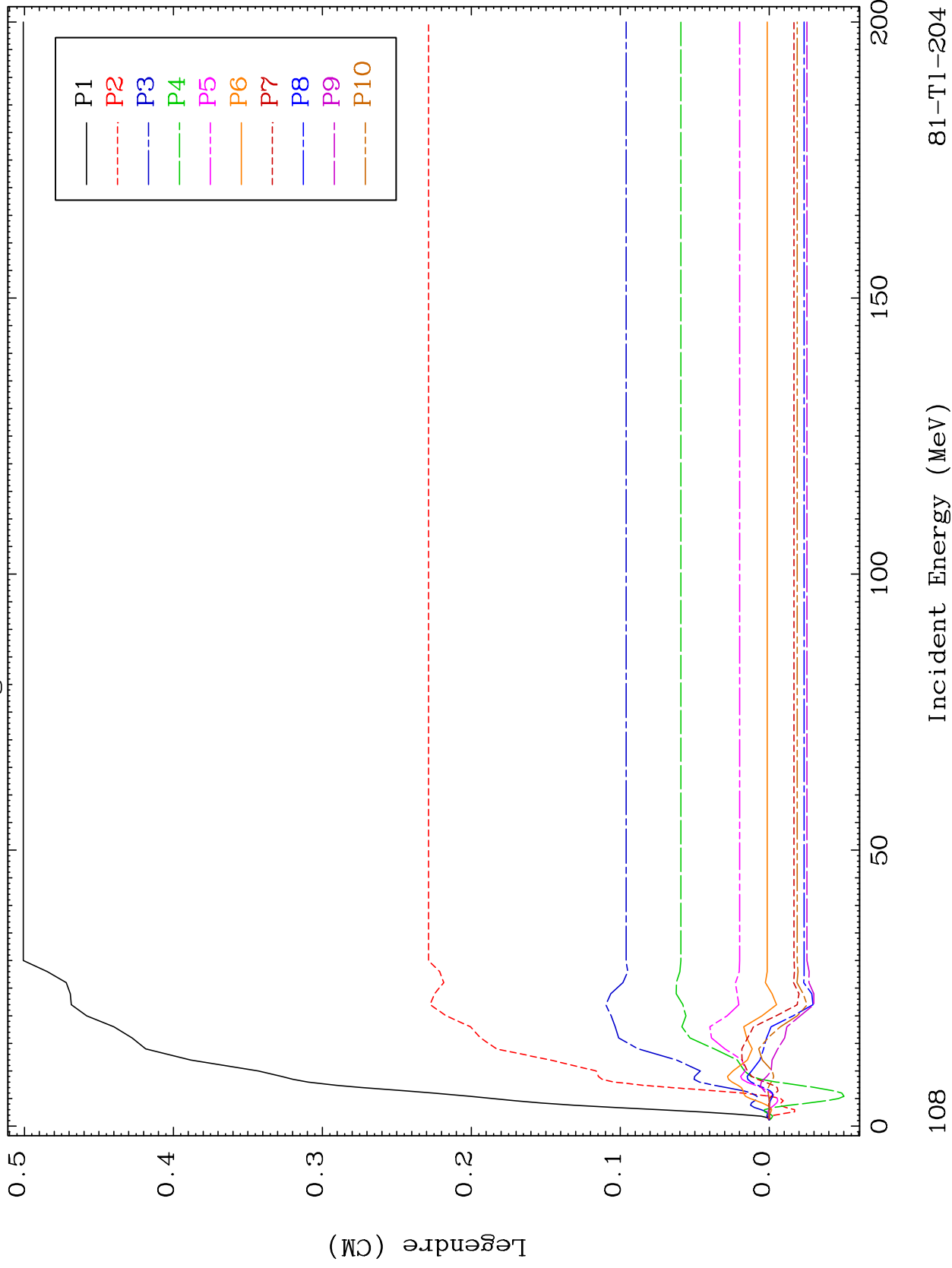
81-T1-204

MAT 8128

MT= 78 (n,n') Level

81-T1-204

Legendre Coefficients



81-T1-204

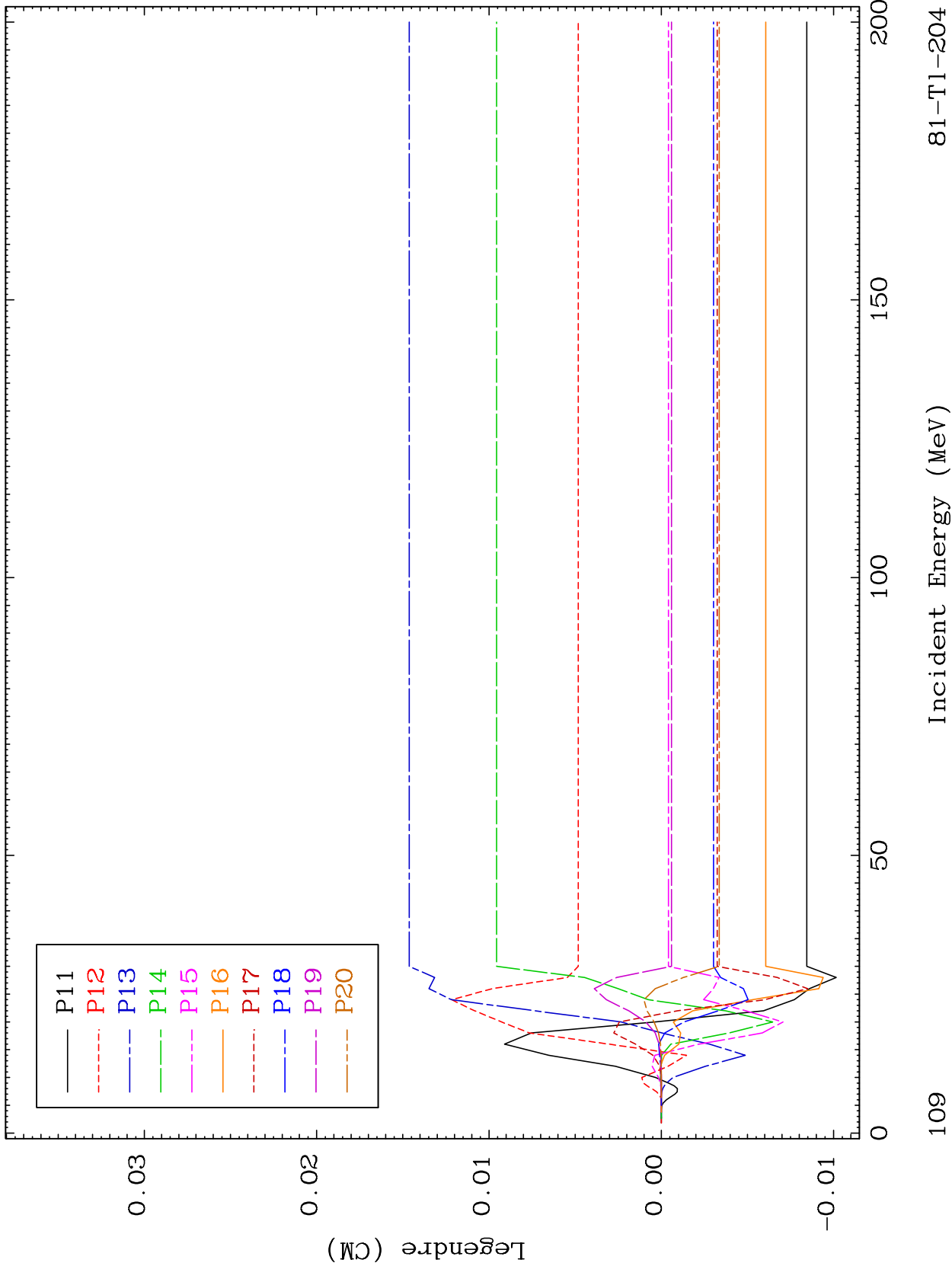
Incident Energy (MeV)

108

MAT 8128

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

81-T1-204



109

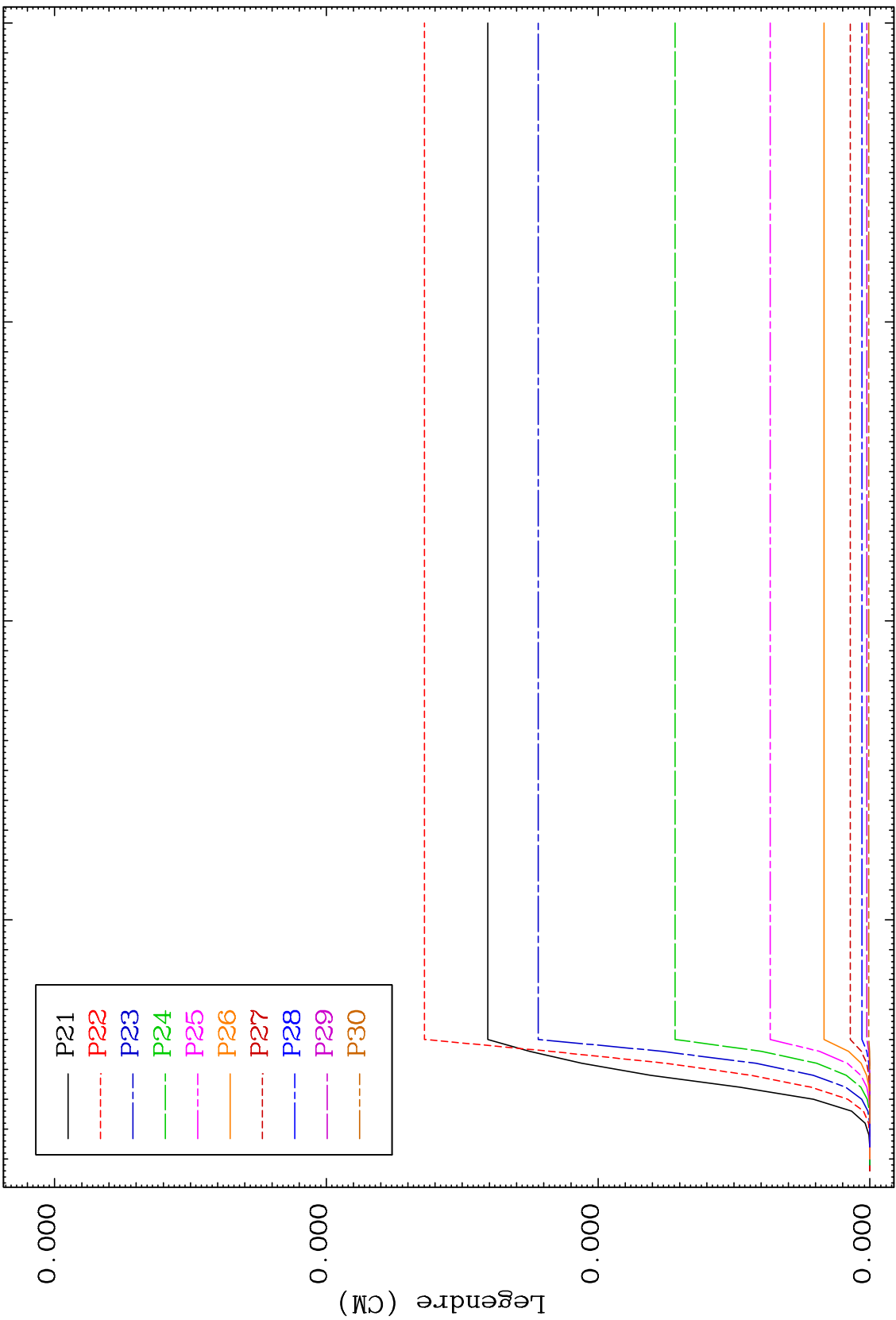
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



110

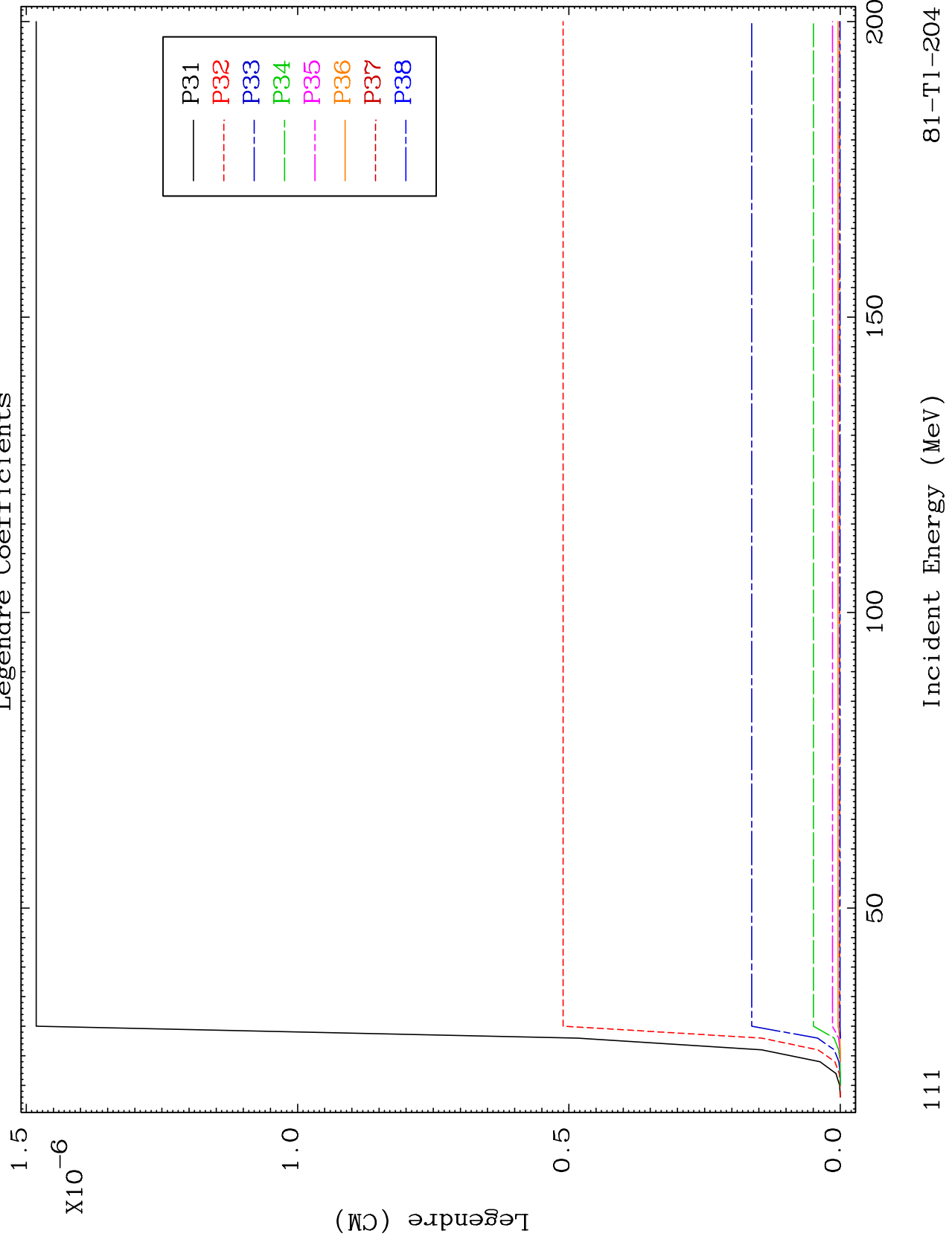
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



111

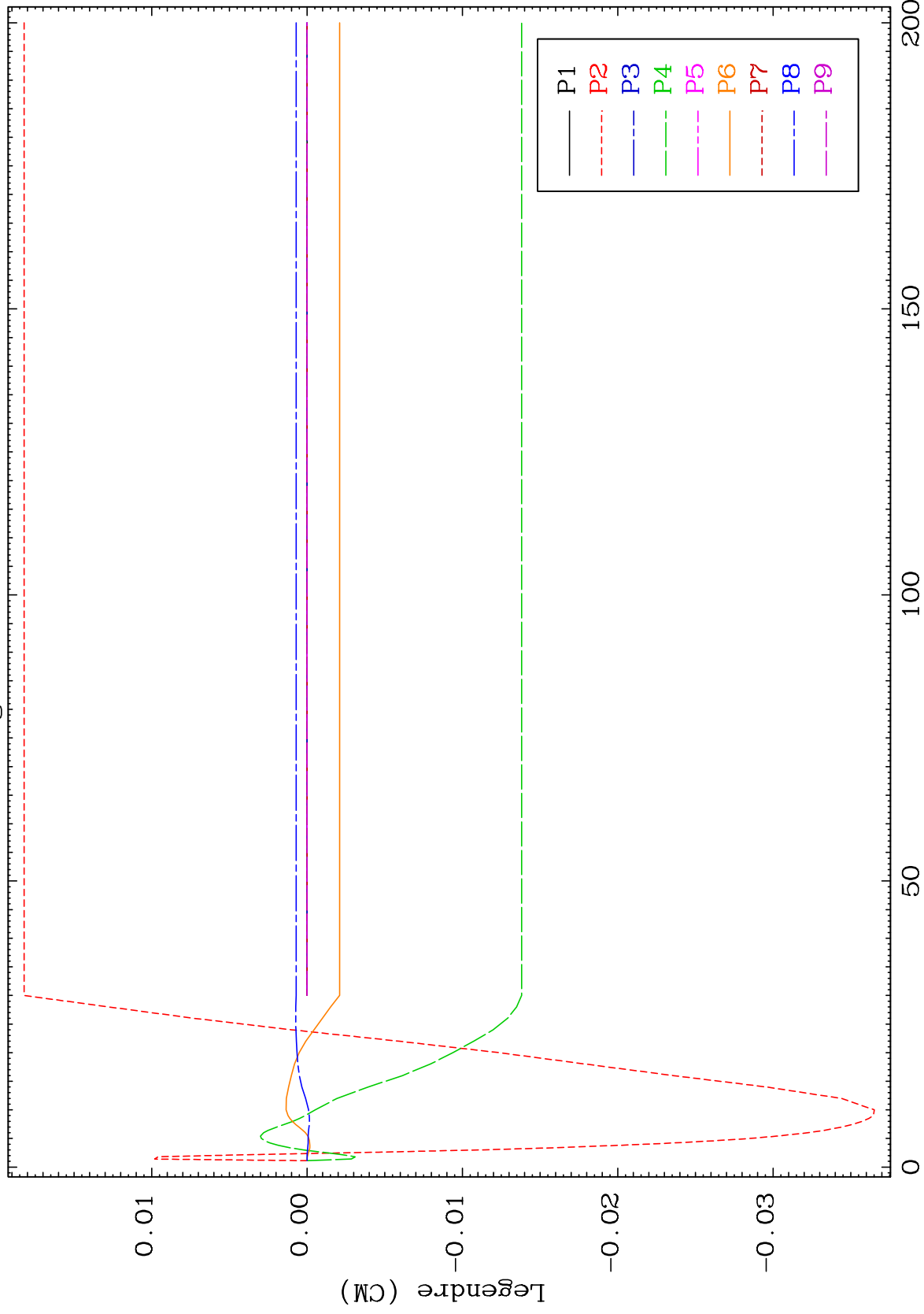
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

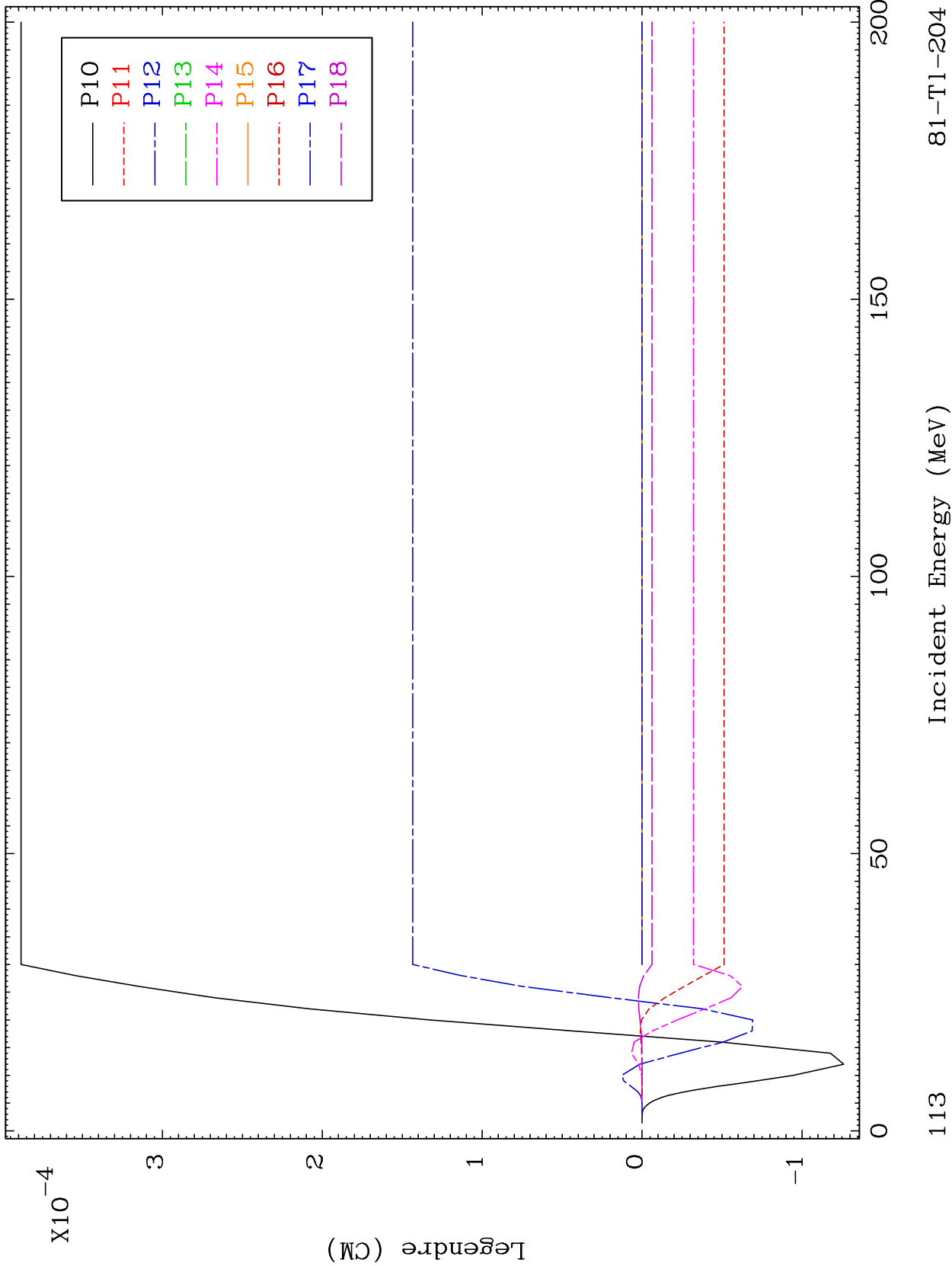
Incident Energy (MeV)

112

MAT 8128

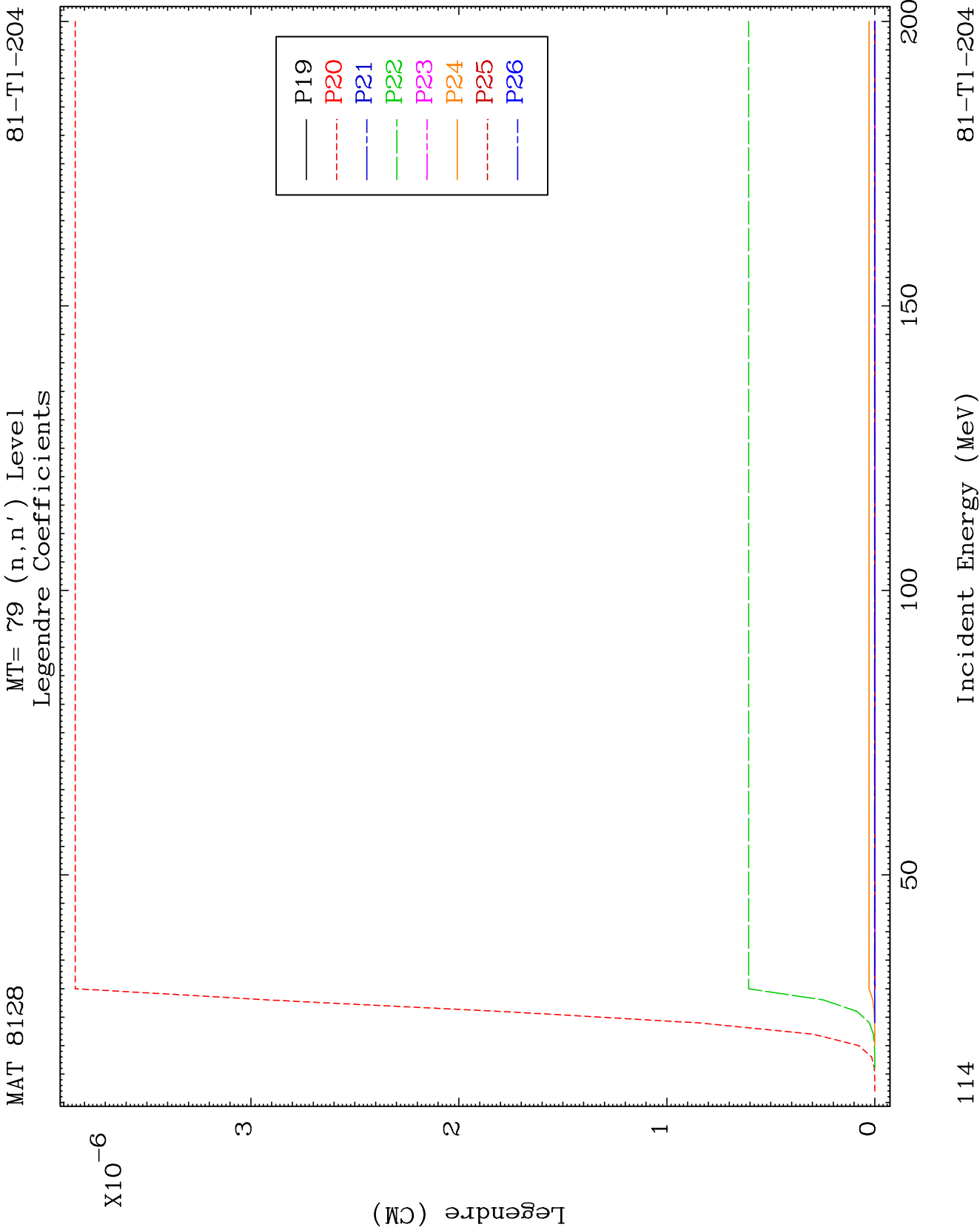
MT= 79 (n,n') Level
Legendre Coefficients

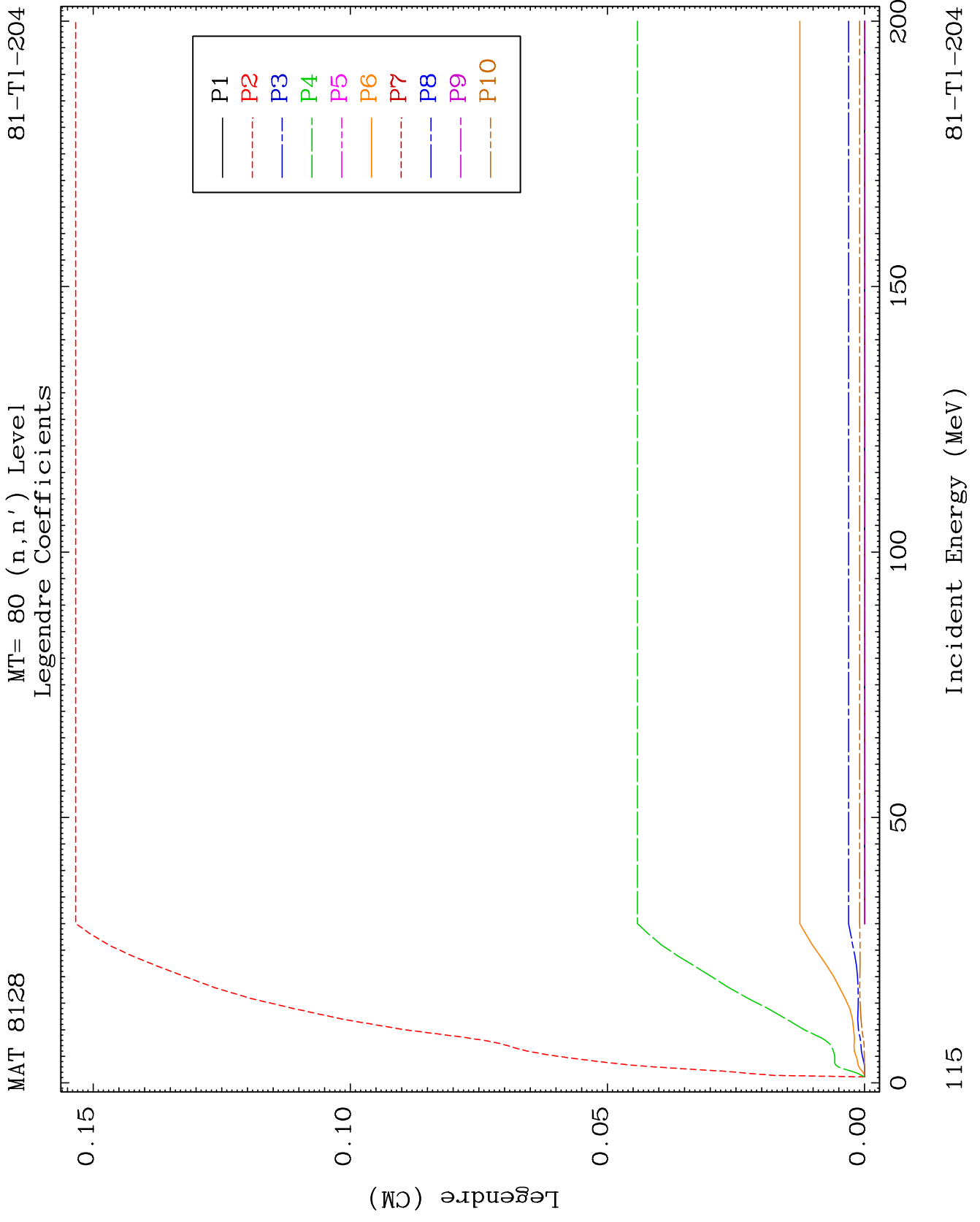
81-T1-204



113

81-T1-204

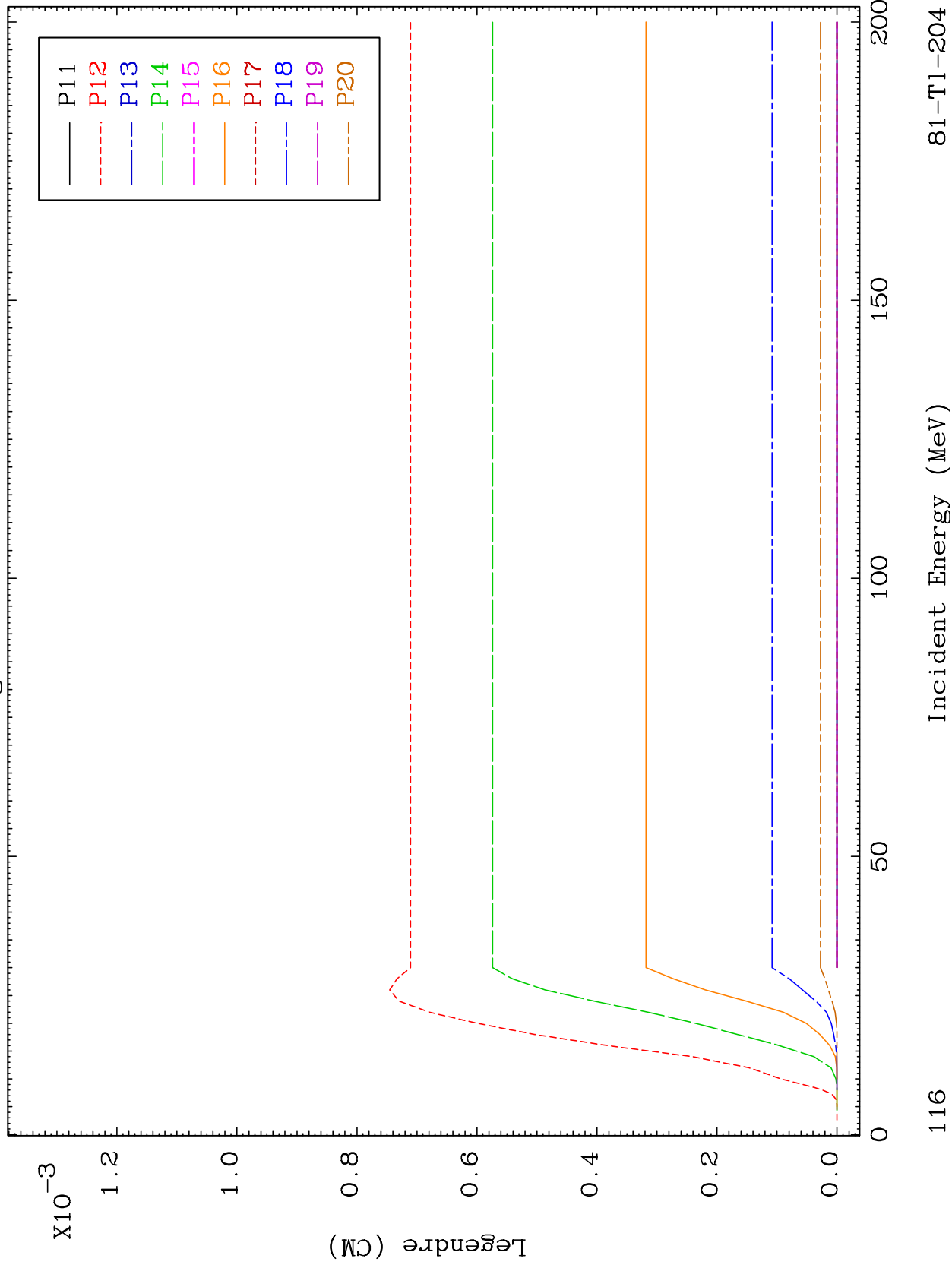




MAT 8128

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

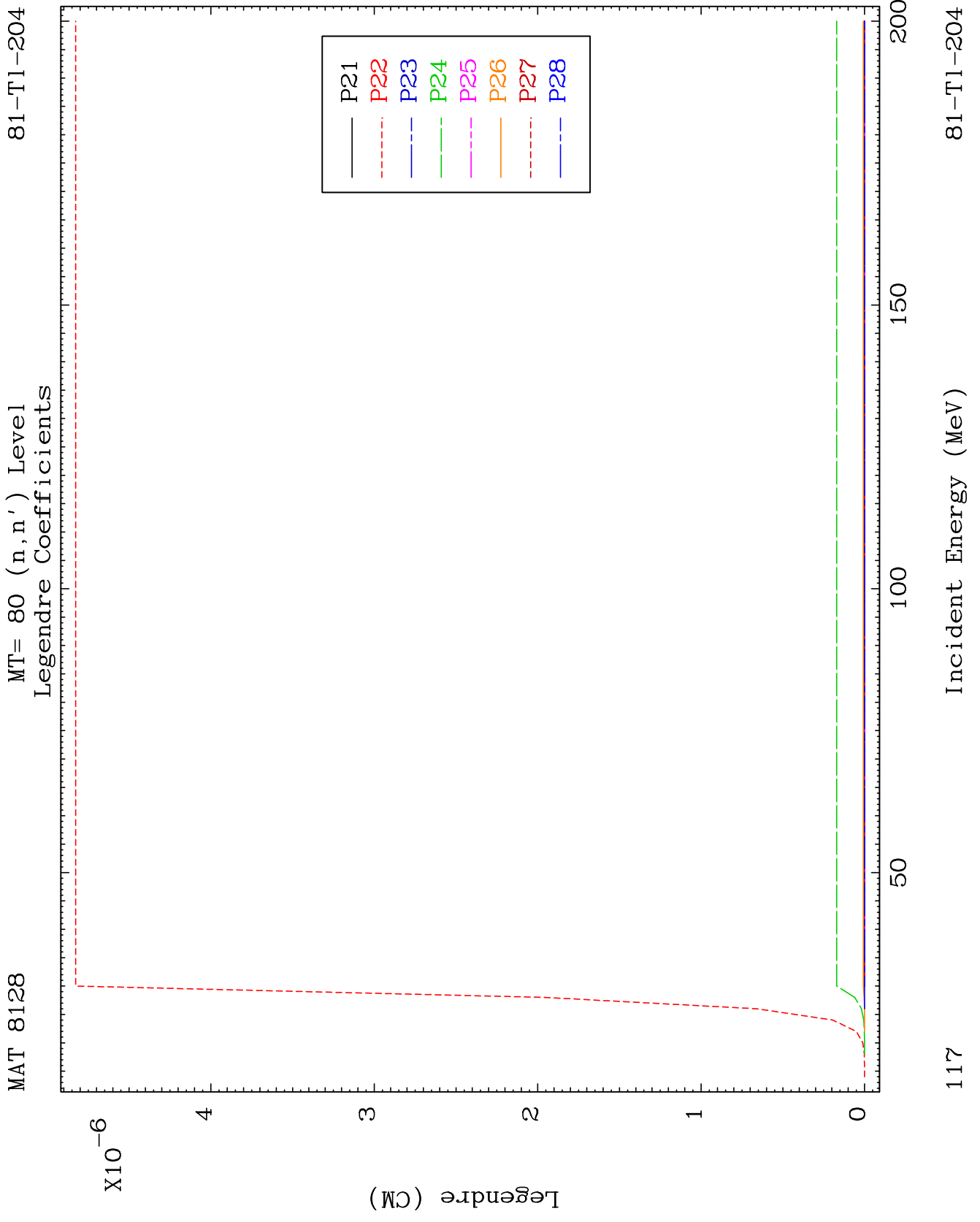
81-T1-204



81-T1-204

Incident Energy (MeV)

116

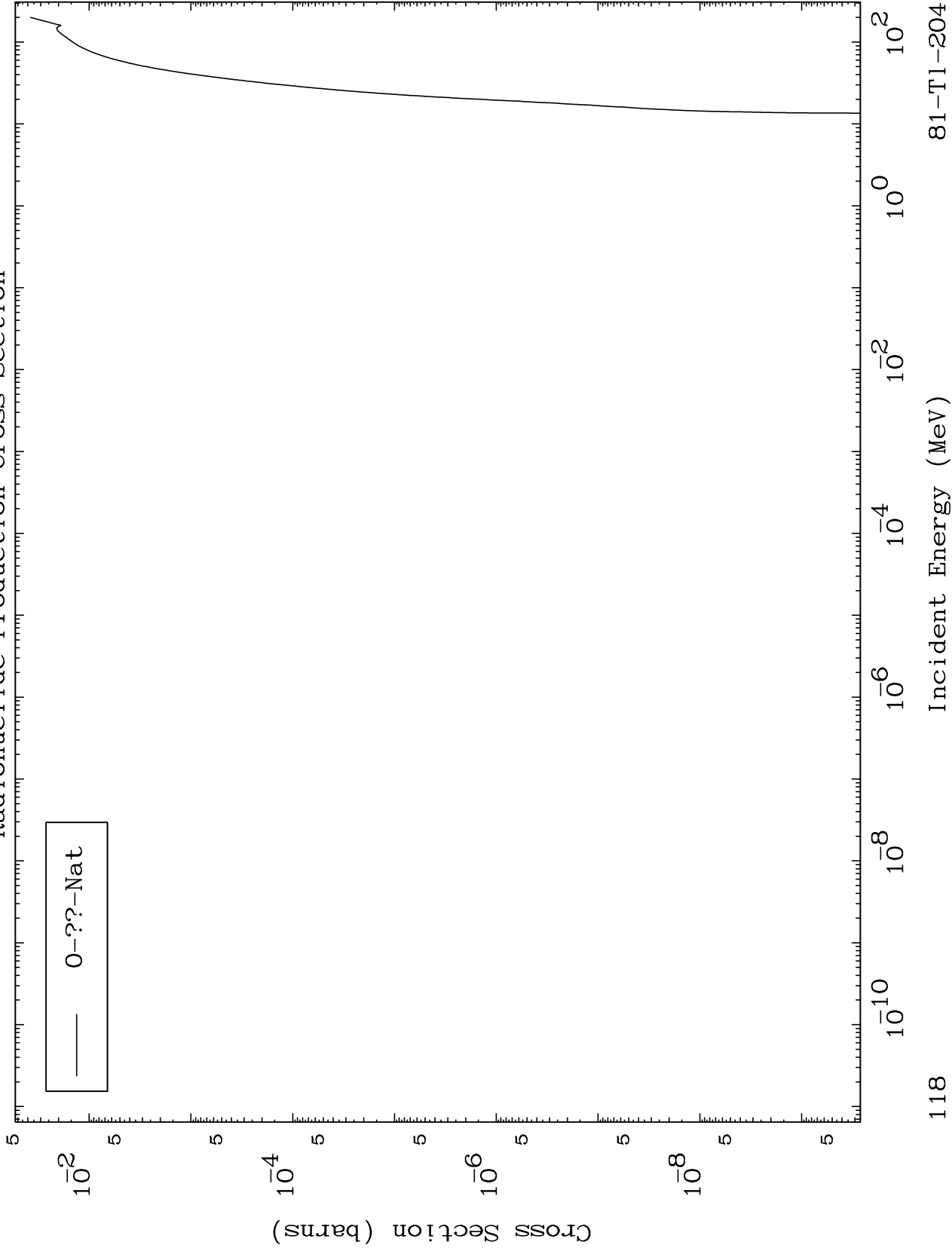


MAT 8128

Fission

81-Tl-204

Radionuclide Production Cross Section

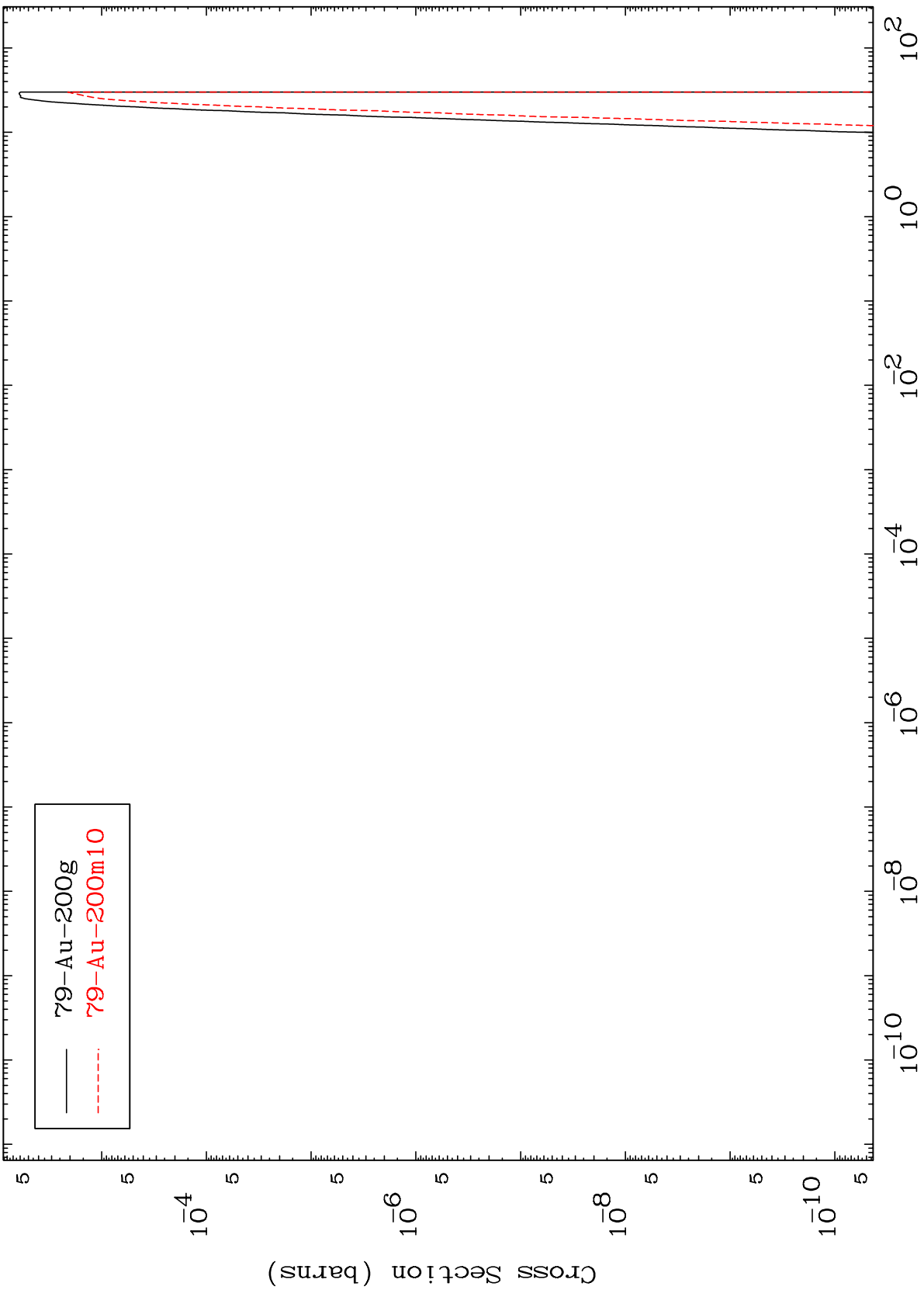


118

Incident Energy (MeV)

81-Tl-204

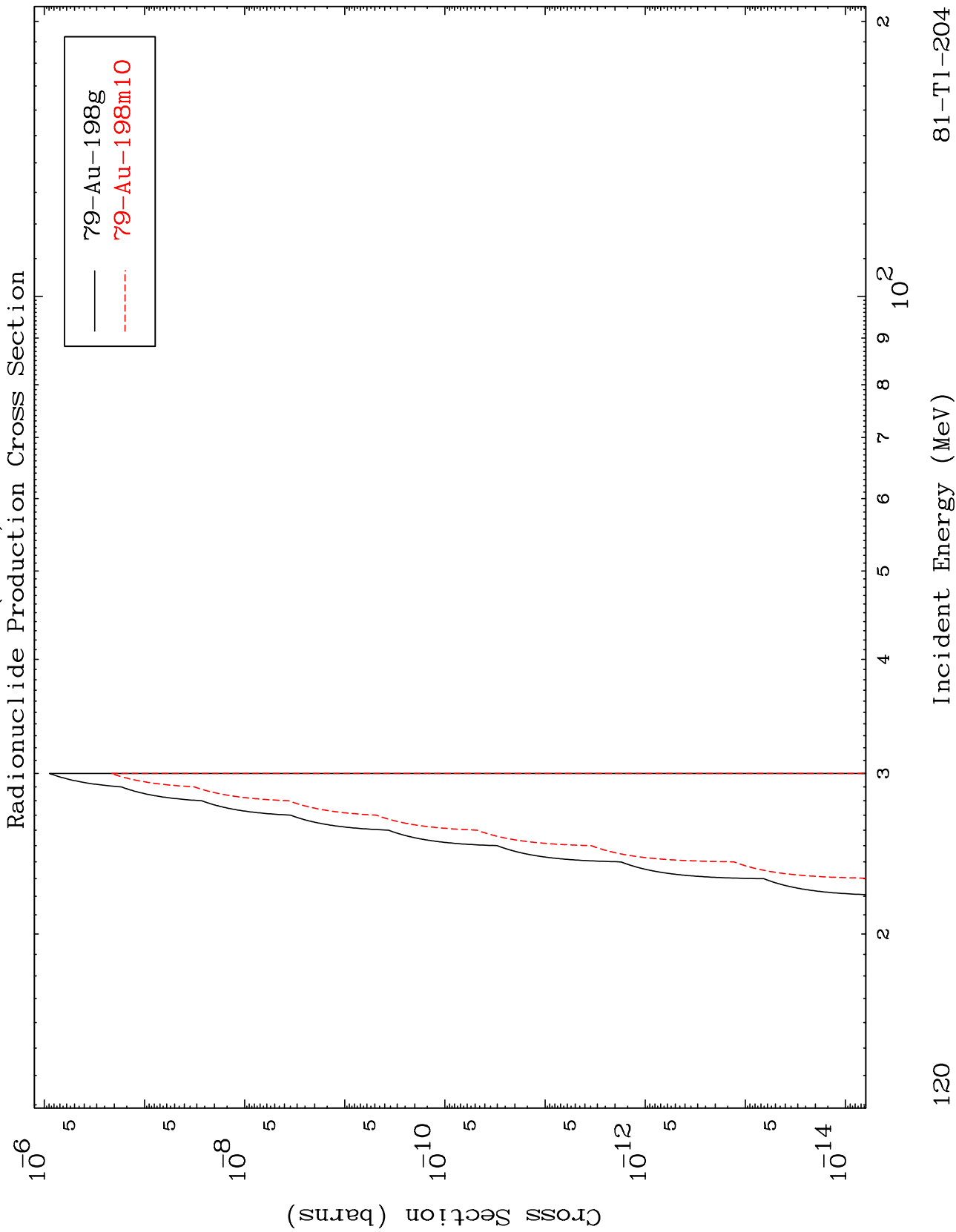
Radionuclide Production Cross Section



MAT 8128

(n,3n) α

81-Tl-204



120

Incident Energy (MeV)

81-Tl-204