

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

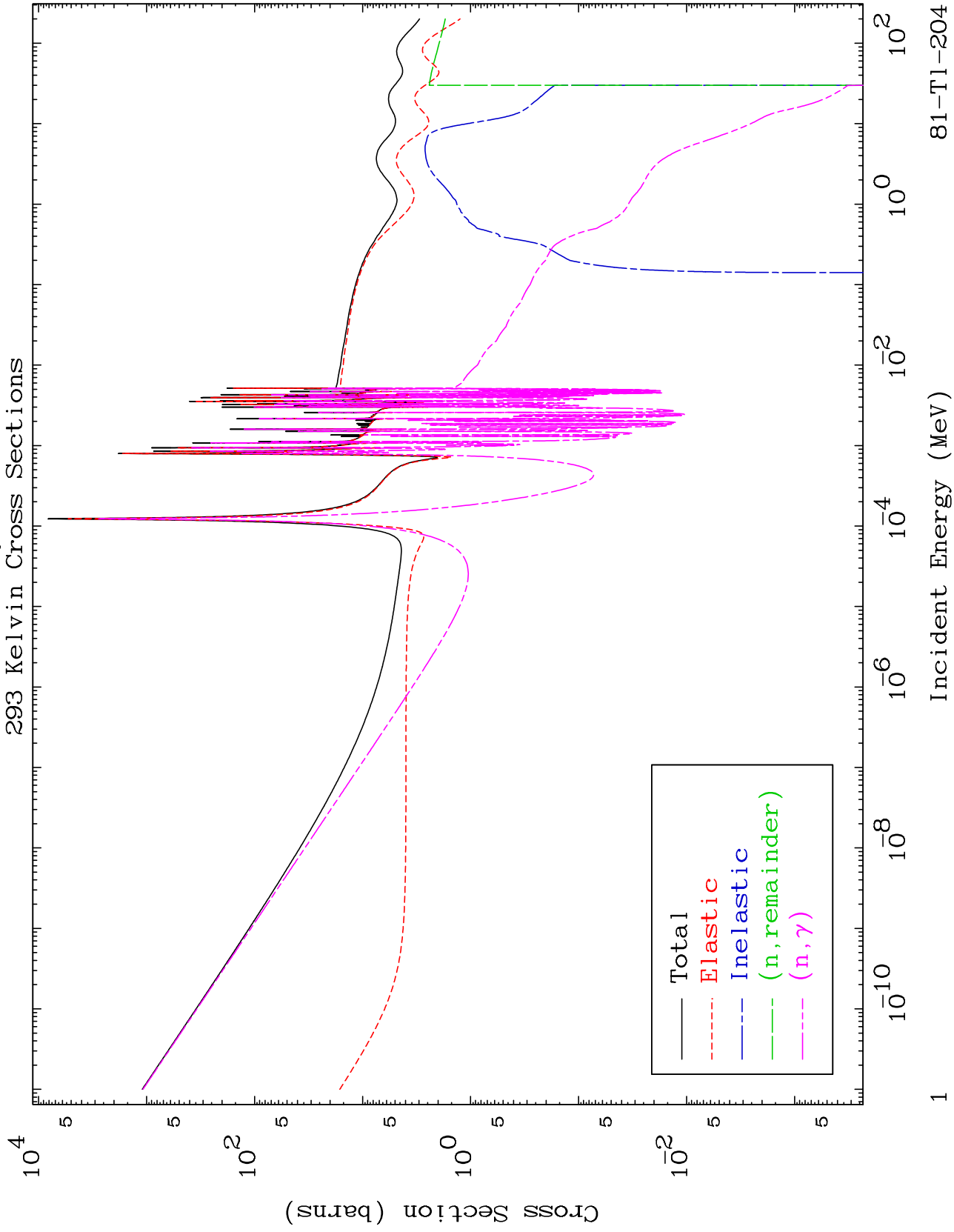
Press Mouse Button to Start

MAT 8128

Major

293 Kelvin Cross Sections

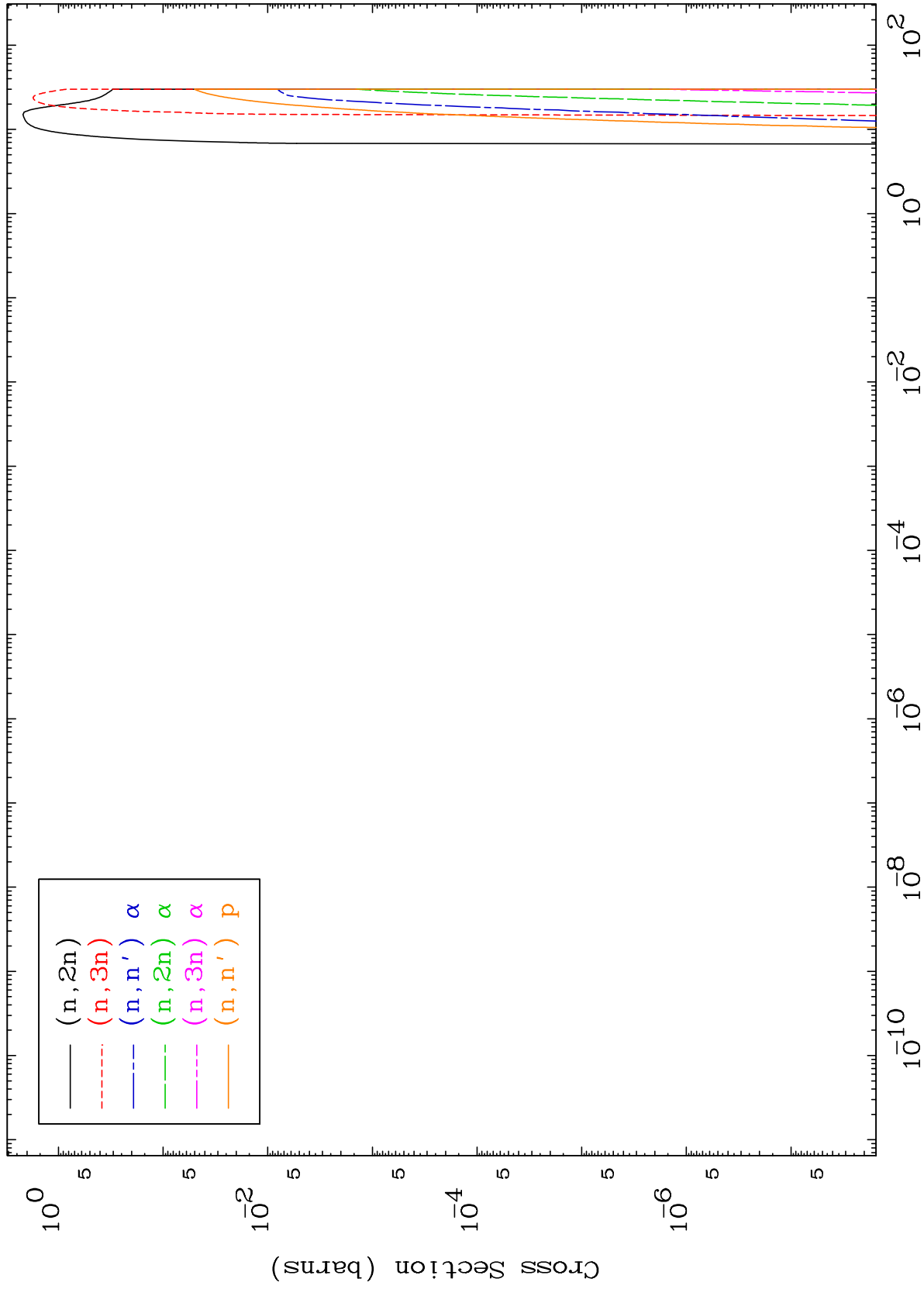
81-Tl-204



MAT 8128

Neutron Production
293 Kelvin Cross Sections

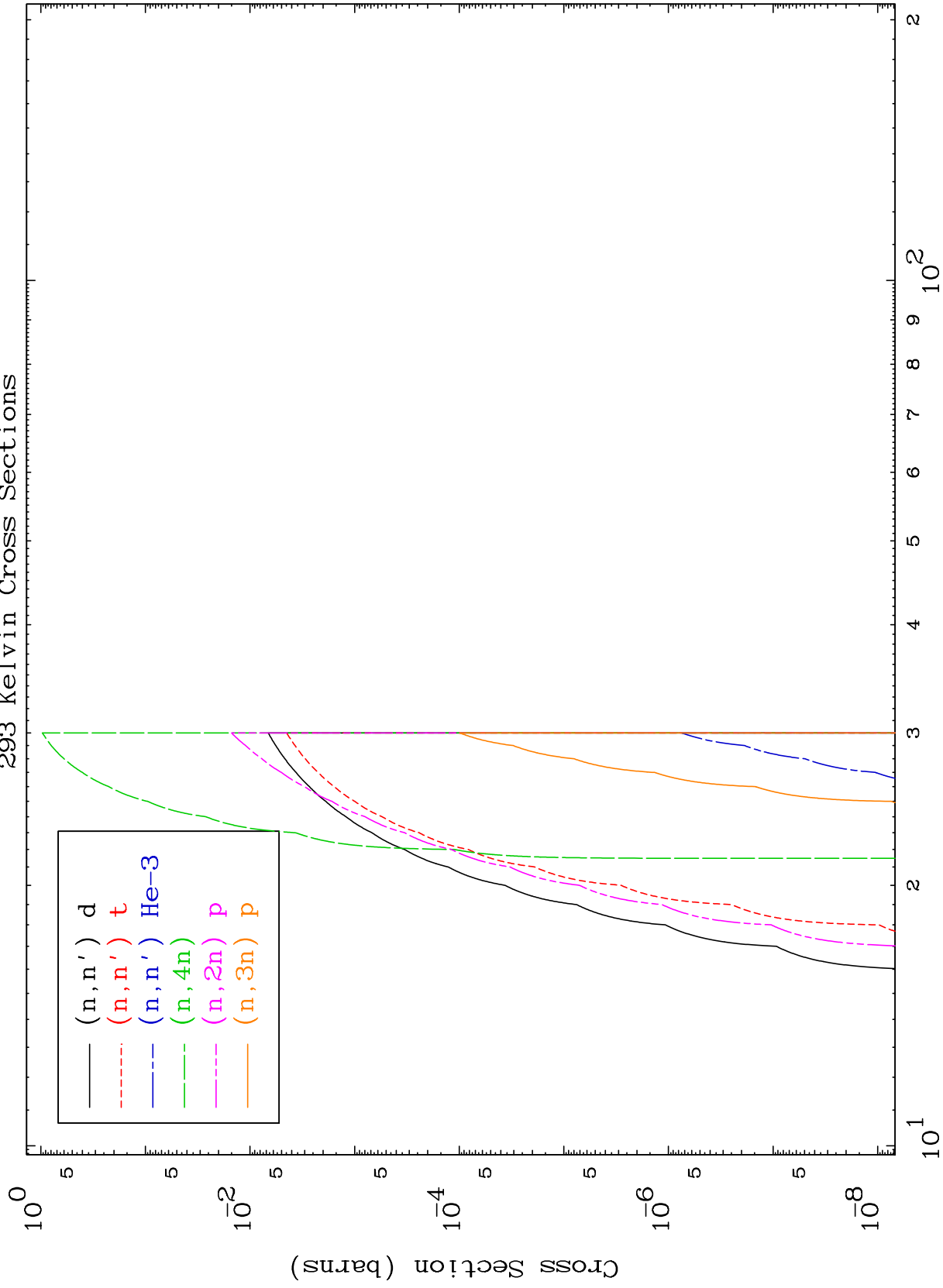
81-Tl-204



2

Incident Energy (MeV)

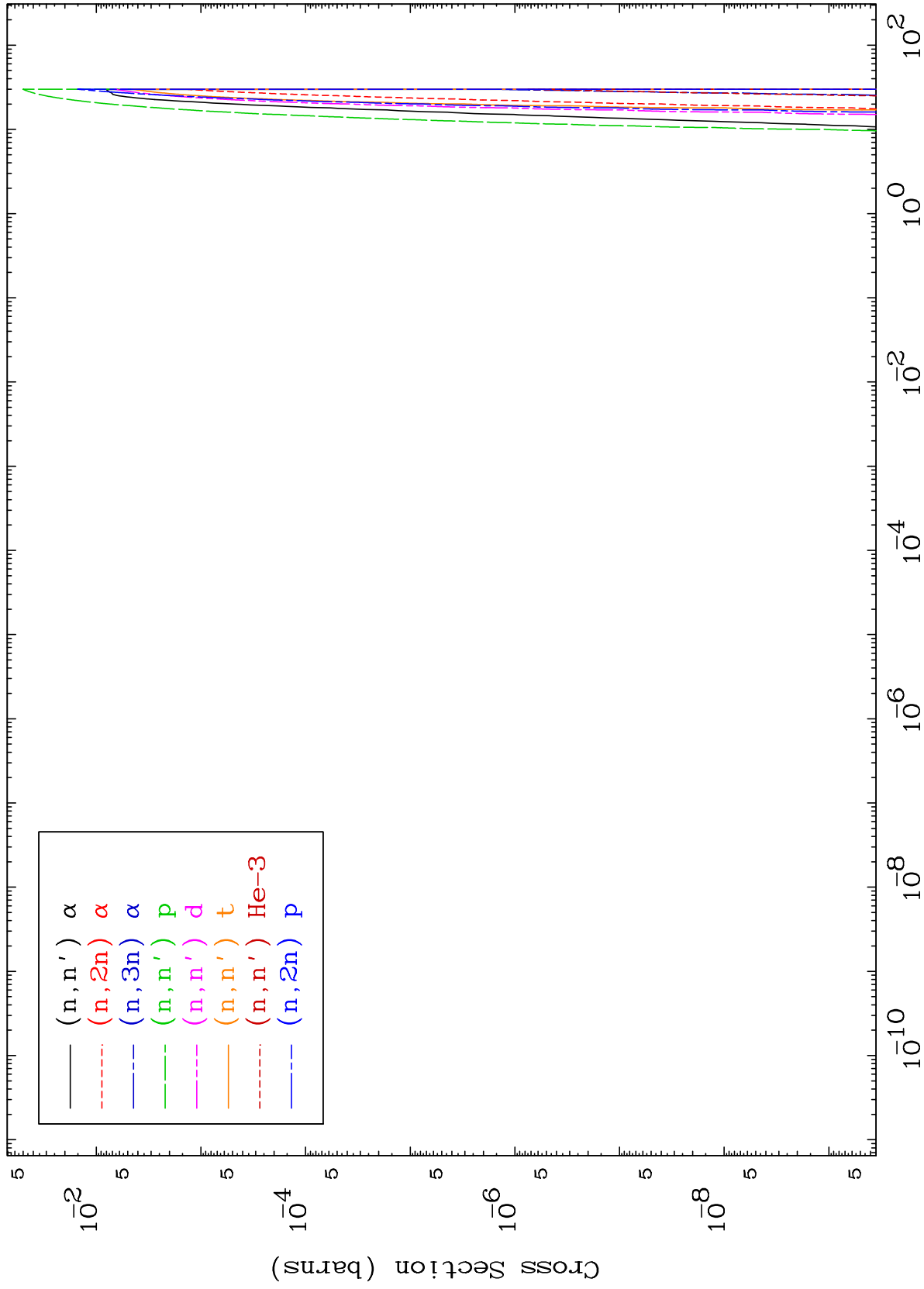
81-Tl-204



MAT 8128

293 Kelvin Cross Sections

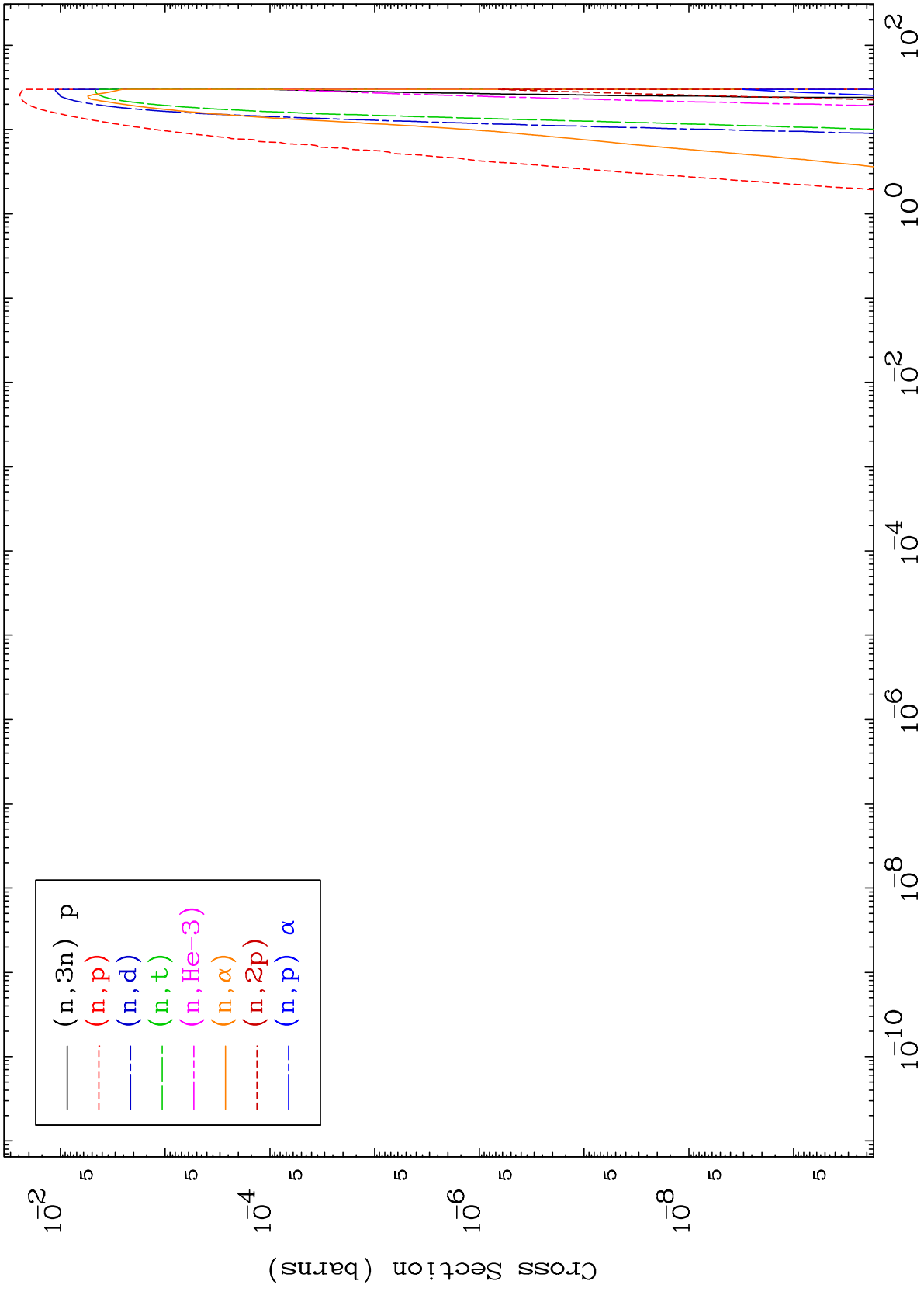
81-Tl-204



MAT 8128

293 Kelvin Cross Sections

81-Tl-204

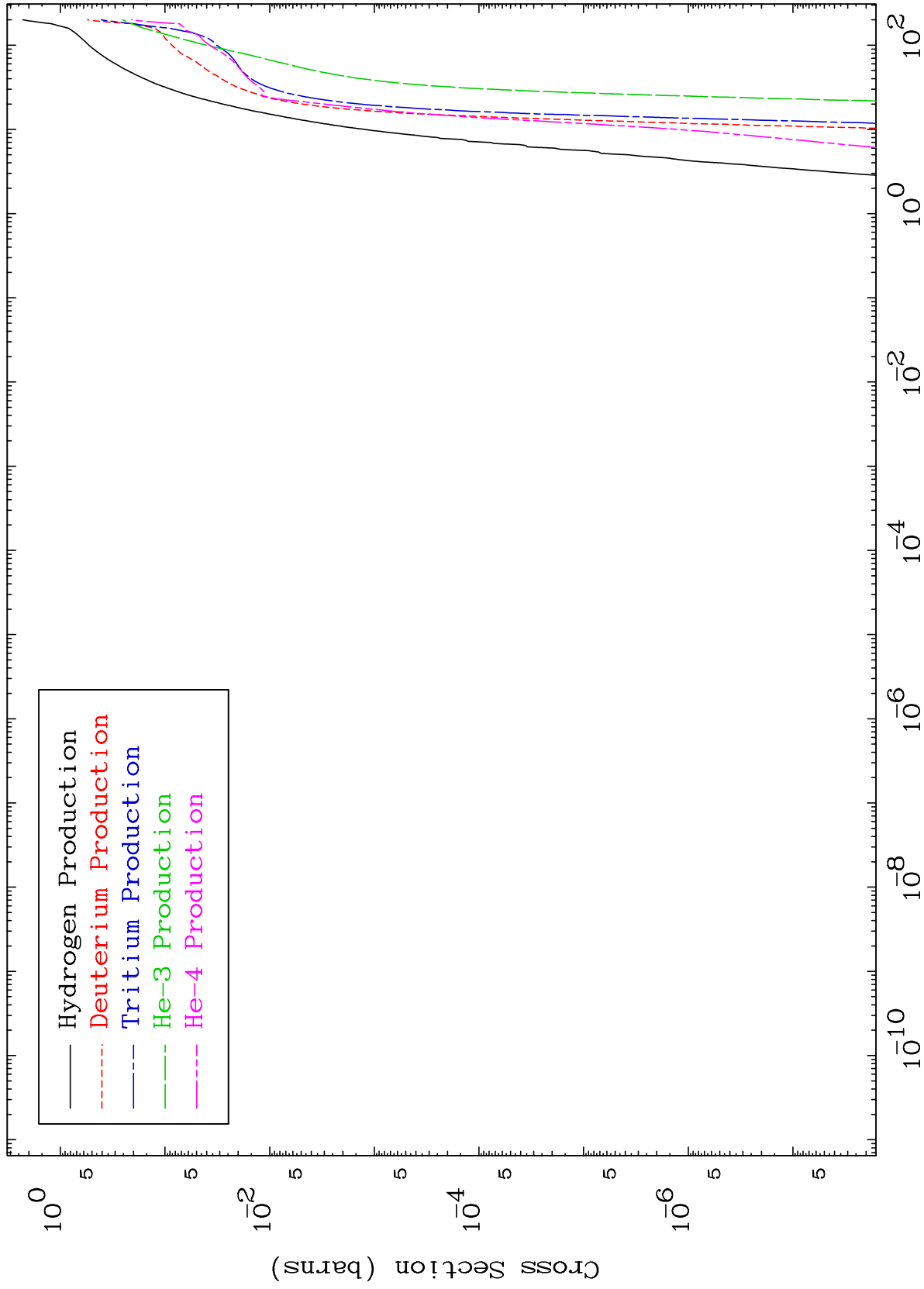


81-Tl-204

MAT 8128

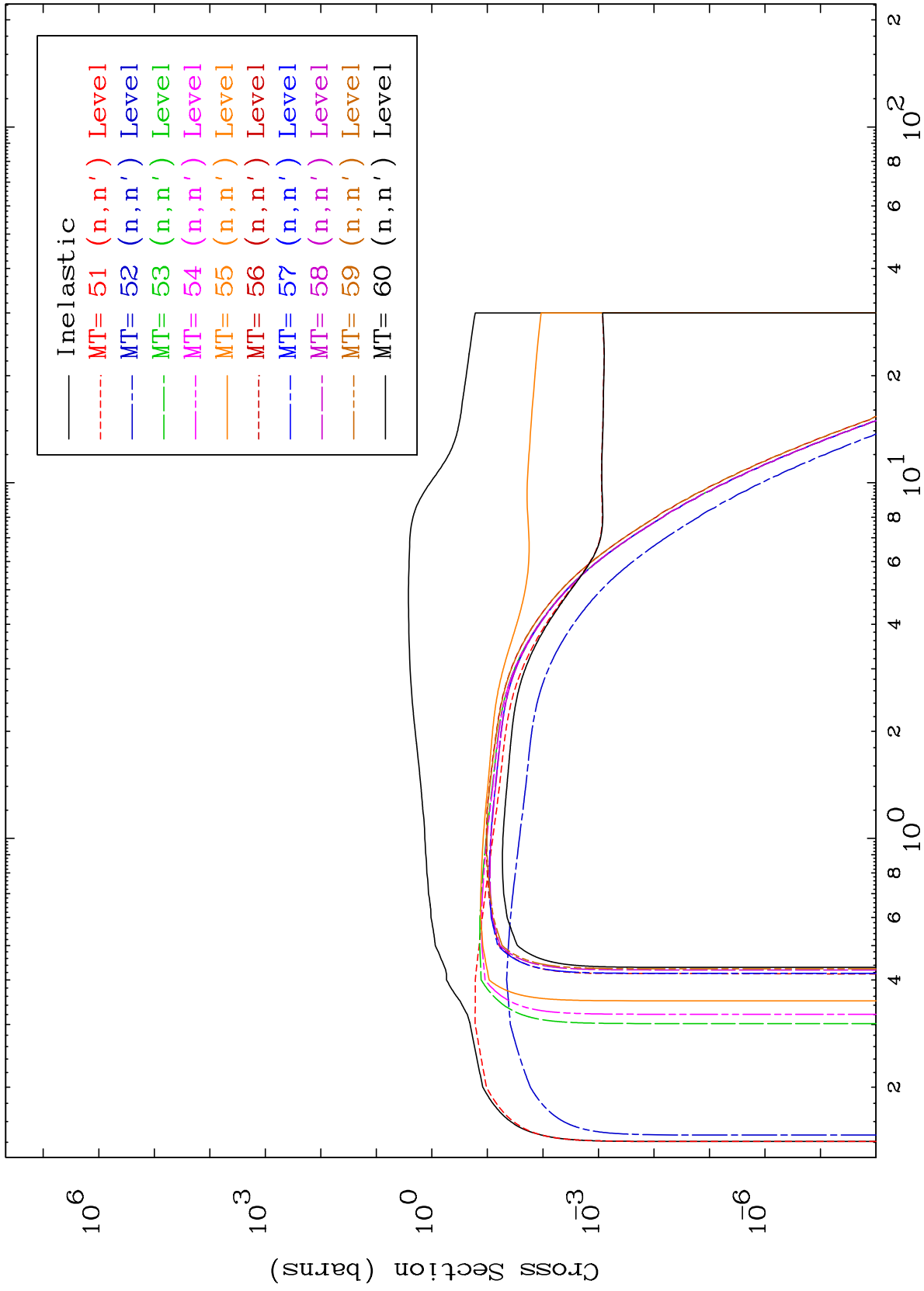
Particle Production
293 Kelvin Cross Sections

81-T1-204



81-T1-204

293 Kelvin Cross Sections

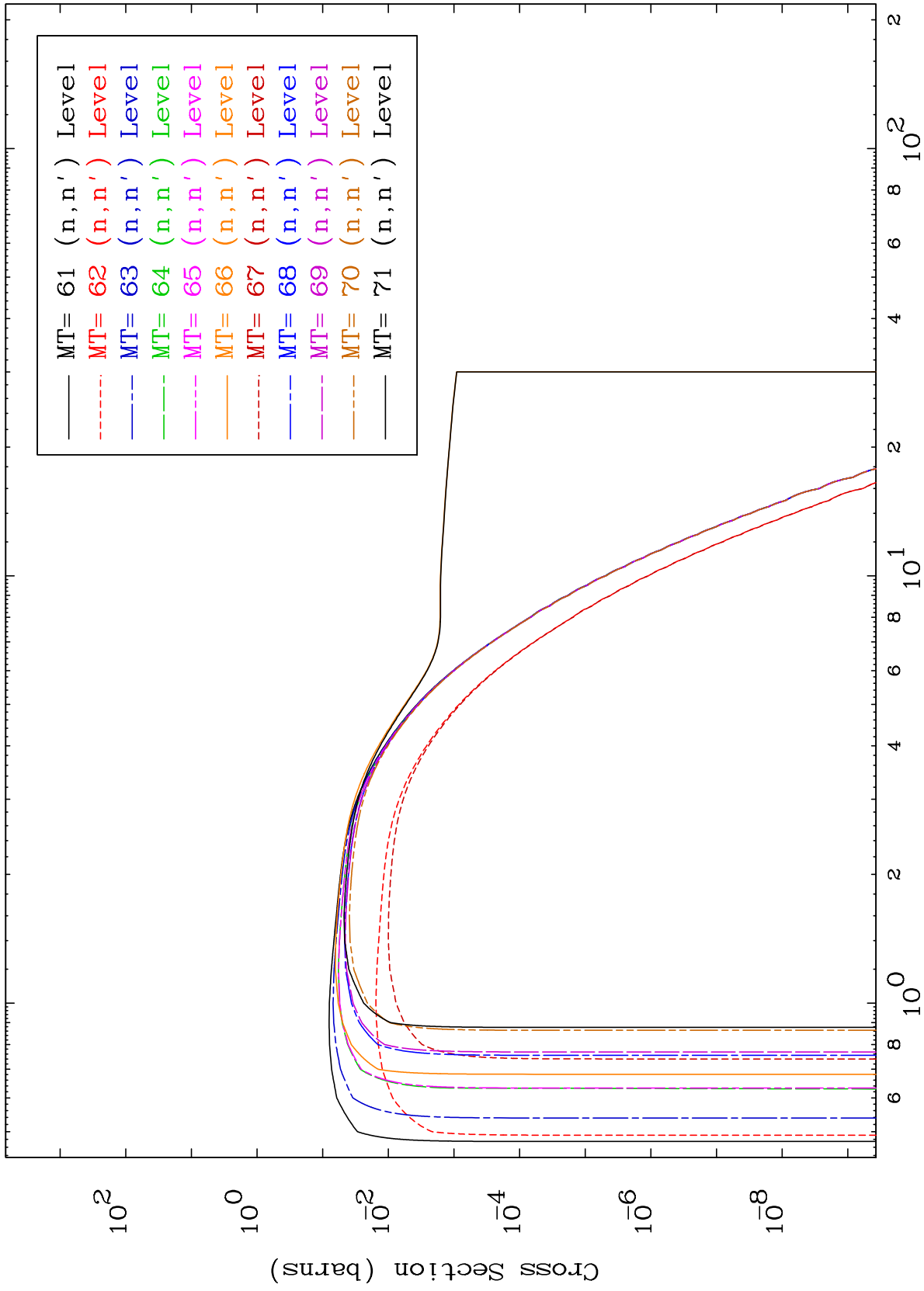


MAT 8128

(n,n') Level

81-T1-204

293 Kelvin Cross Sections



8

Incident Energy (MeV)

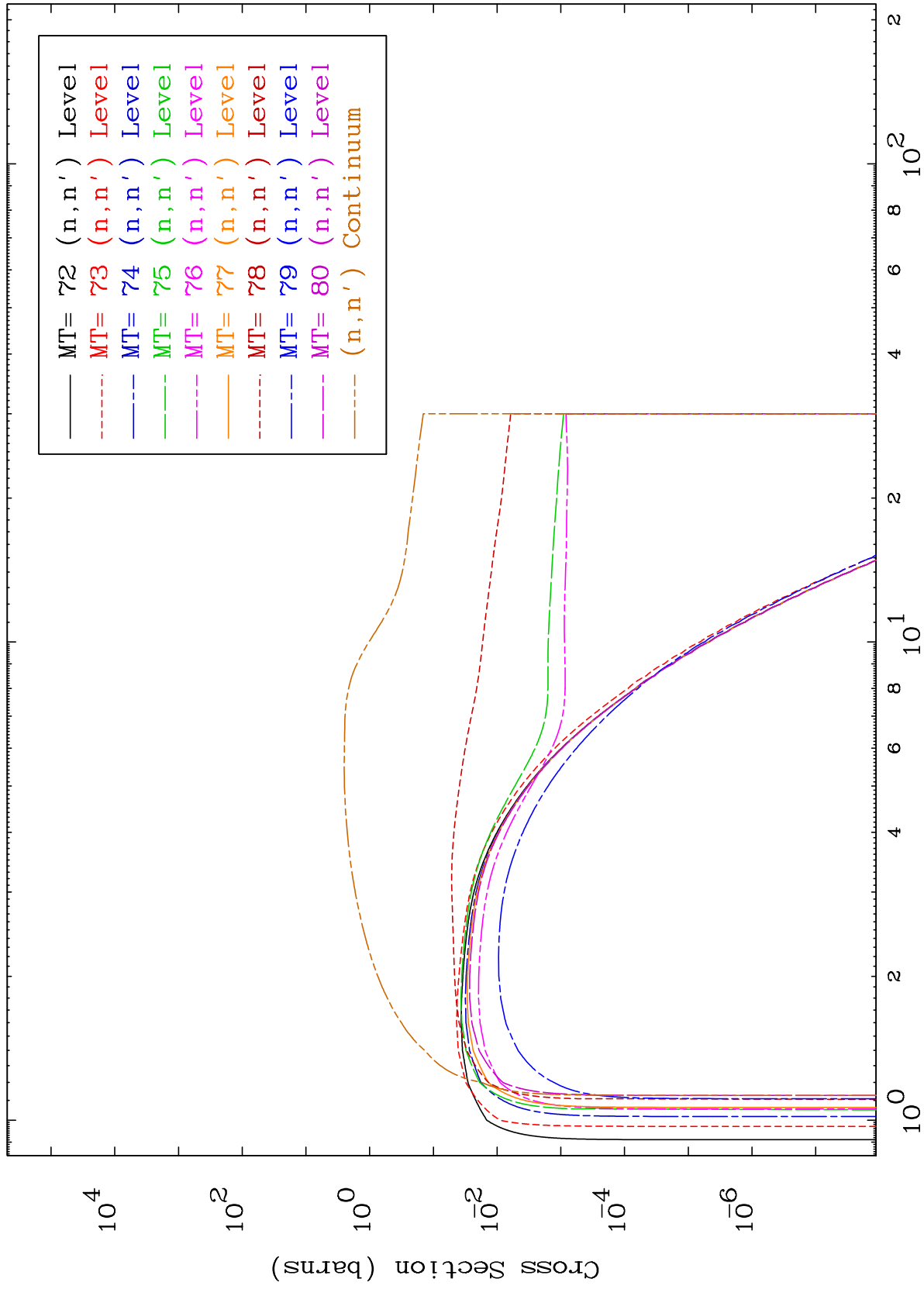
81-T1-204

MAT 8128

(n,n') Level

81-T1-204

293 Kelvin Cross Sections



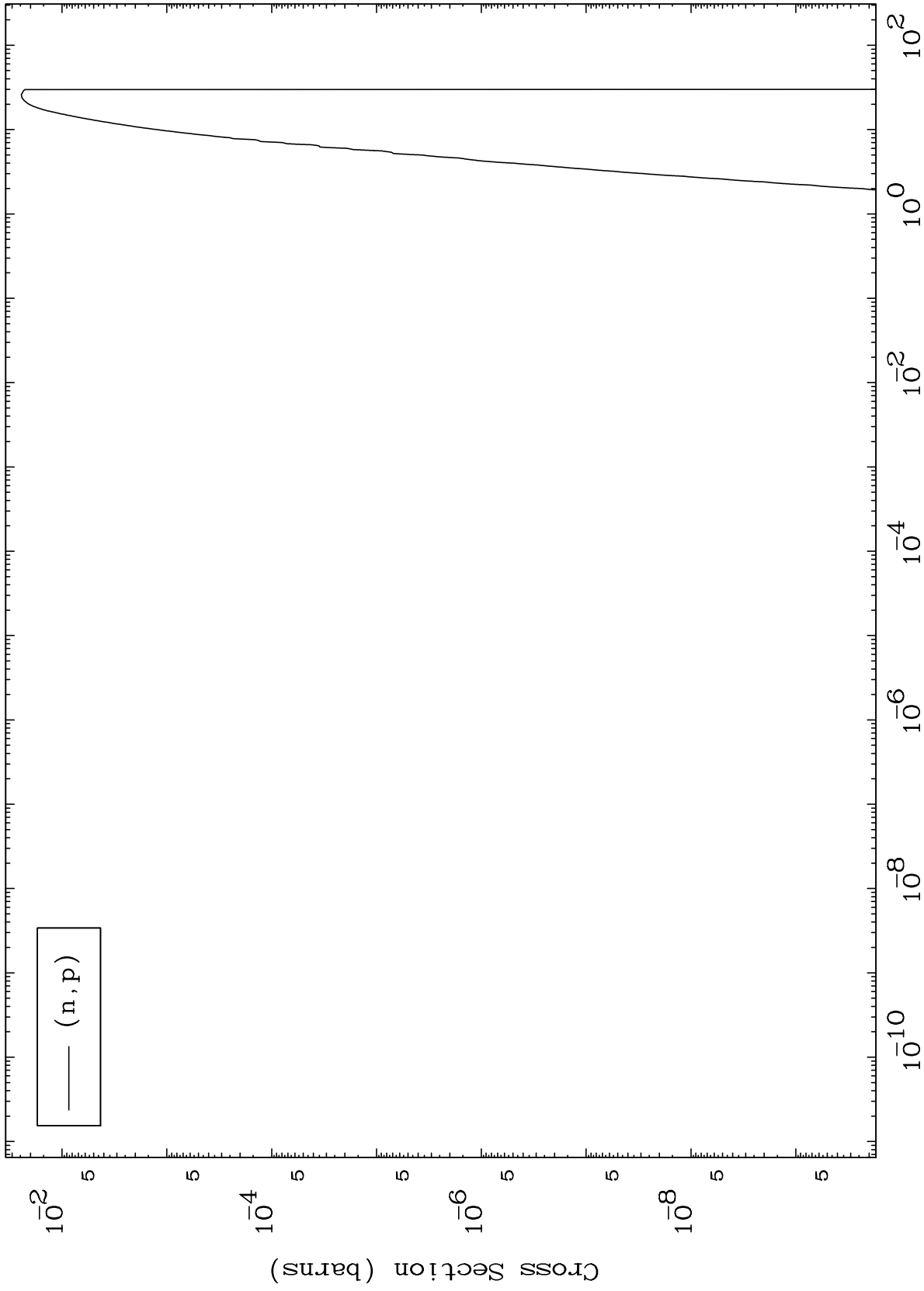
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,p) Levels
293 Kelvin Cross Sections

81-T1-204



10

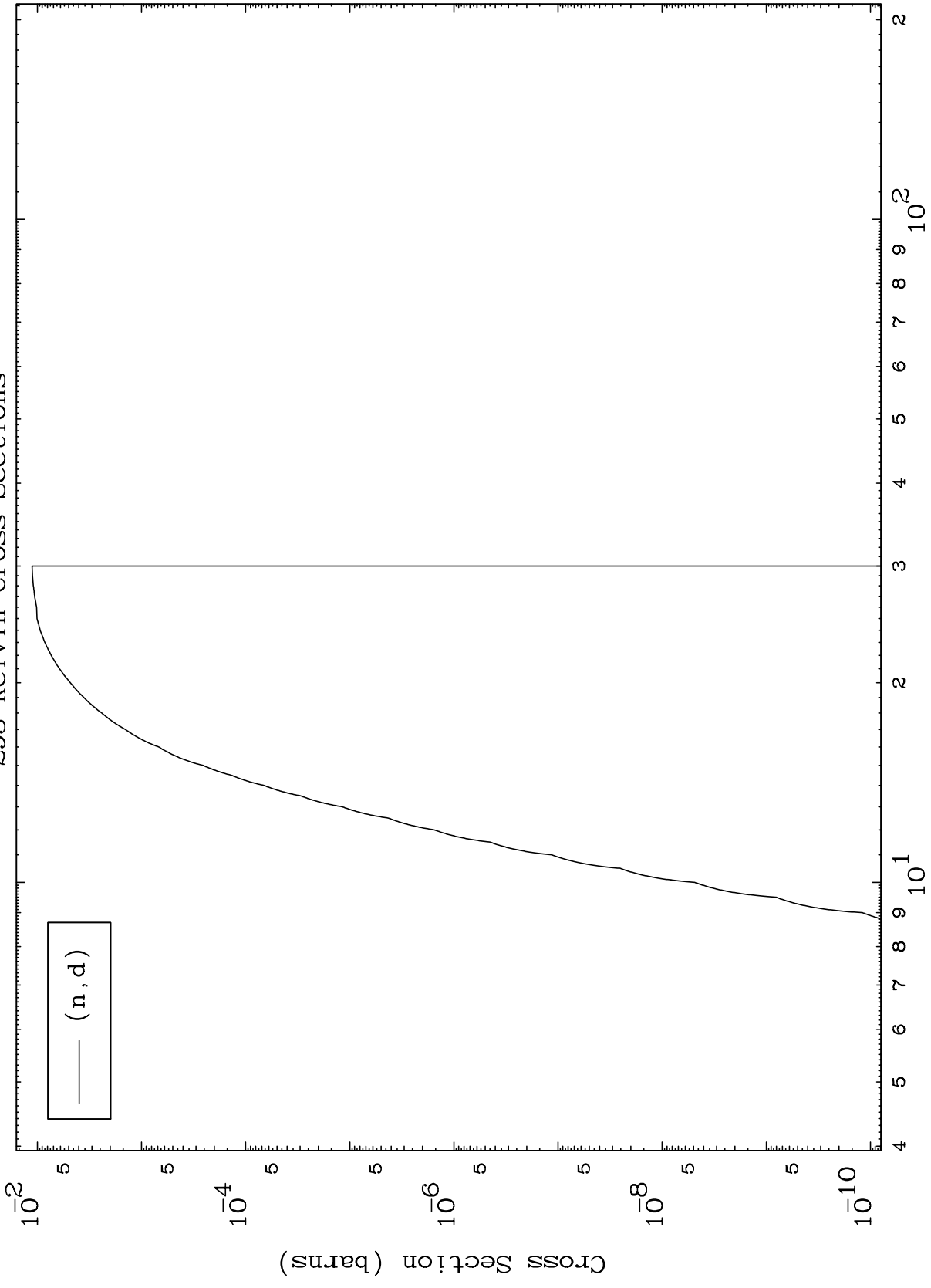
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,d) Levels
293 Kelvin Cross Sections

81-T1-204



11

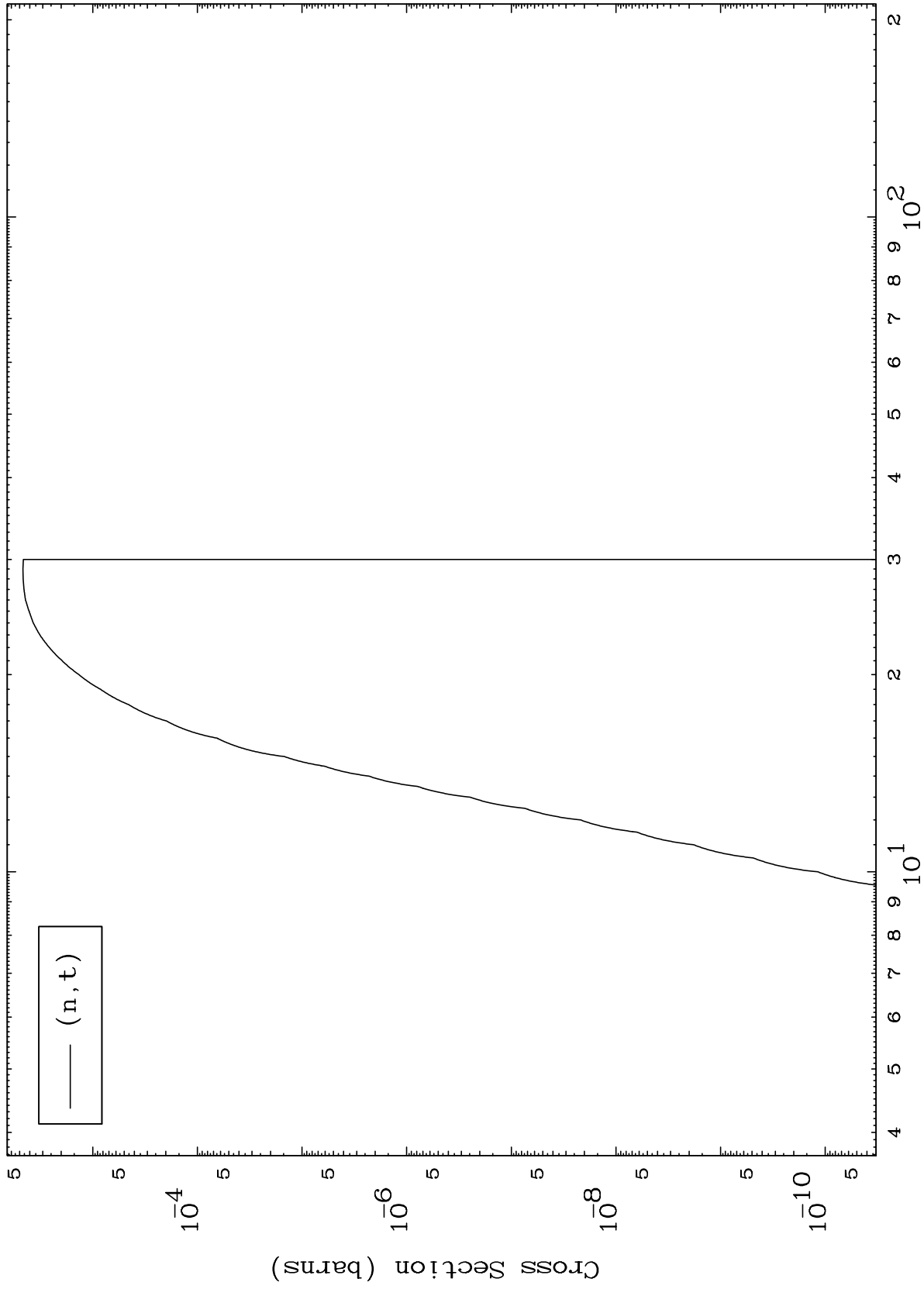
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,t) Levels
293 Kelvin Cross Sections

81-T1-204



12

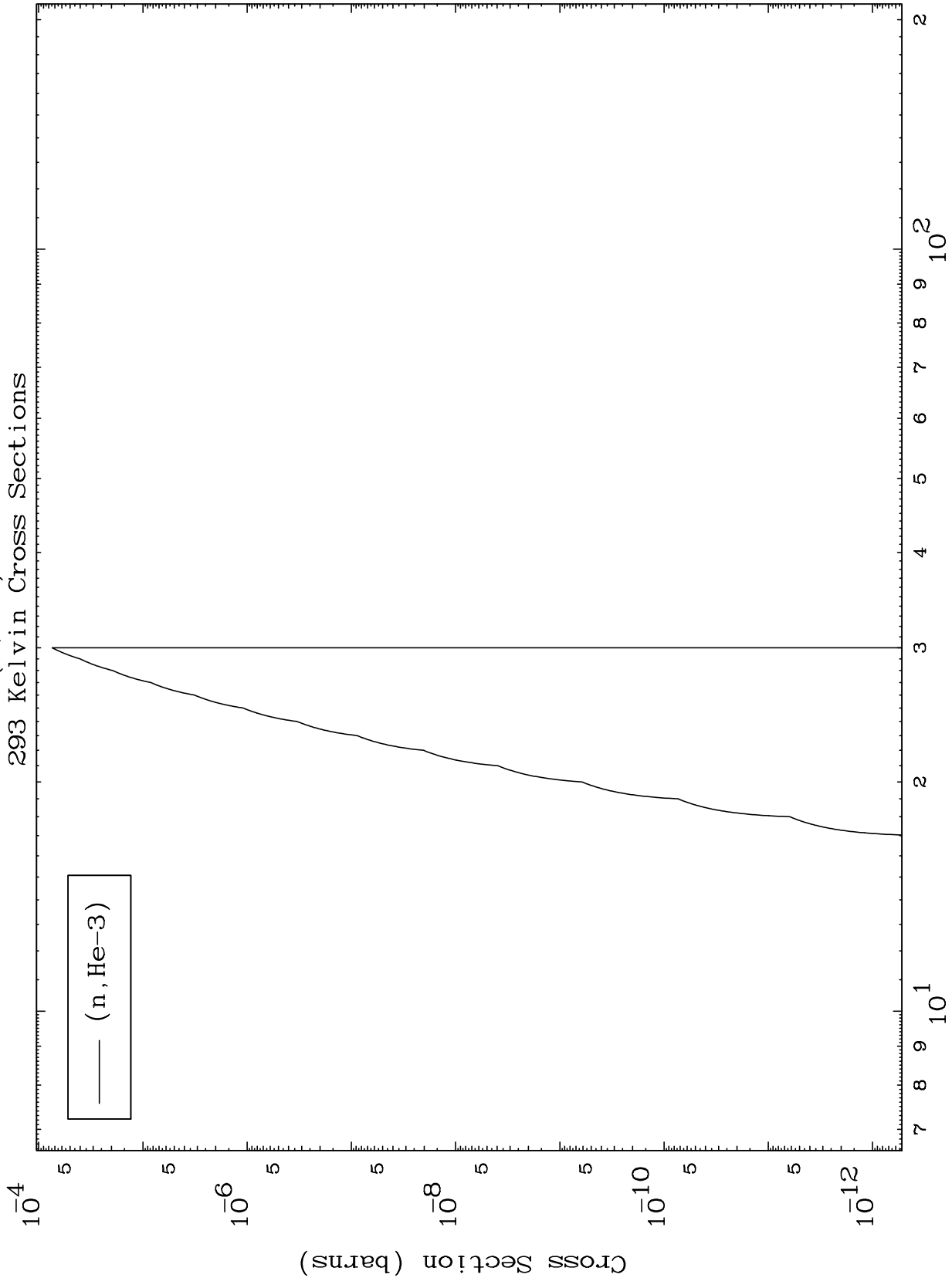
Incident Energy (MeV)

81-T1-204

MAT 8128

81-T1-204

(n,He3) Levels
293 Kelvin Cross Sections



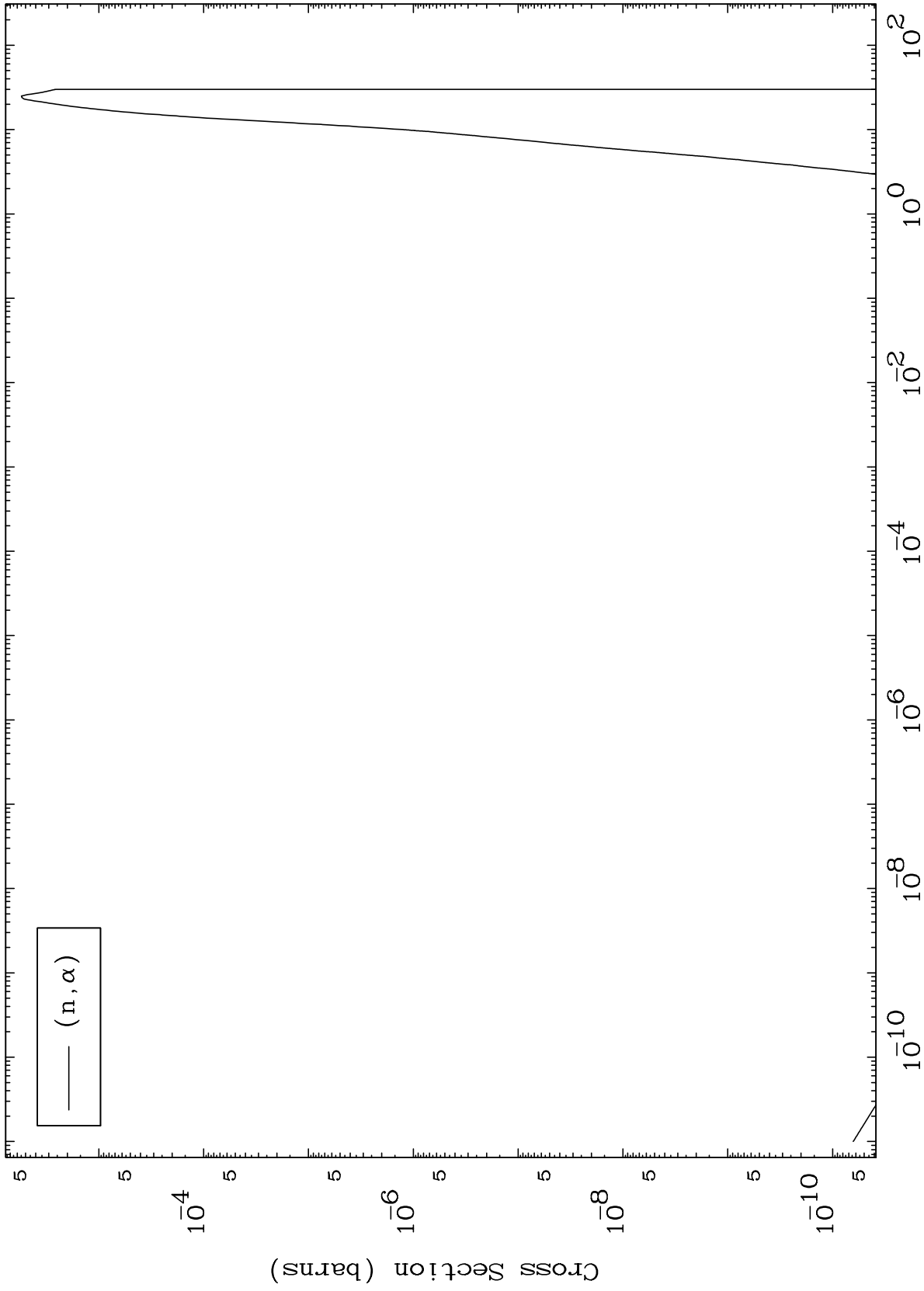
13

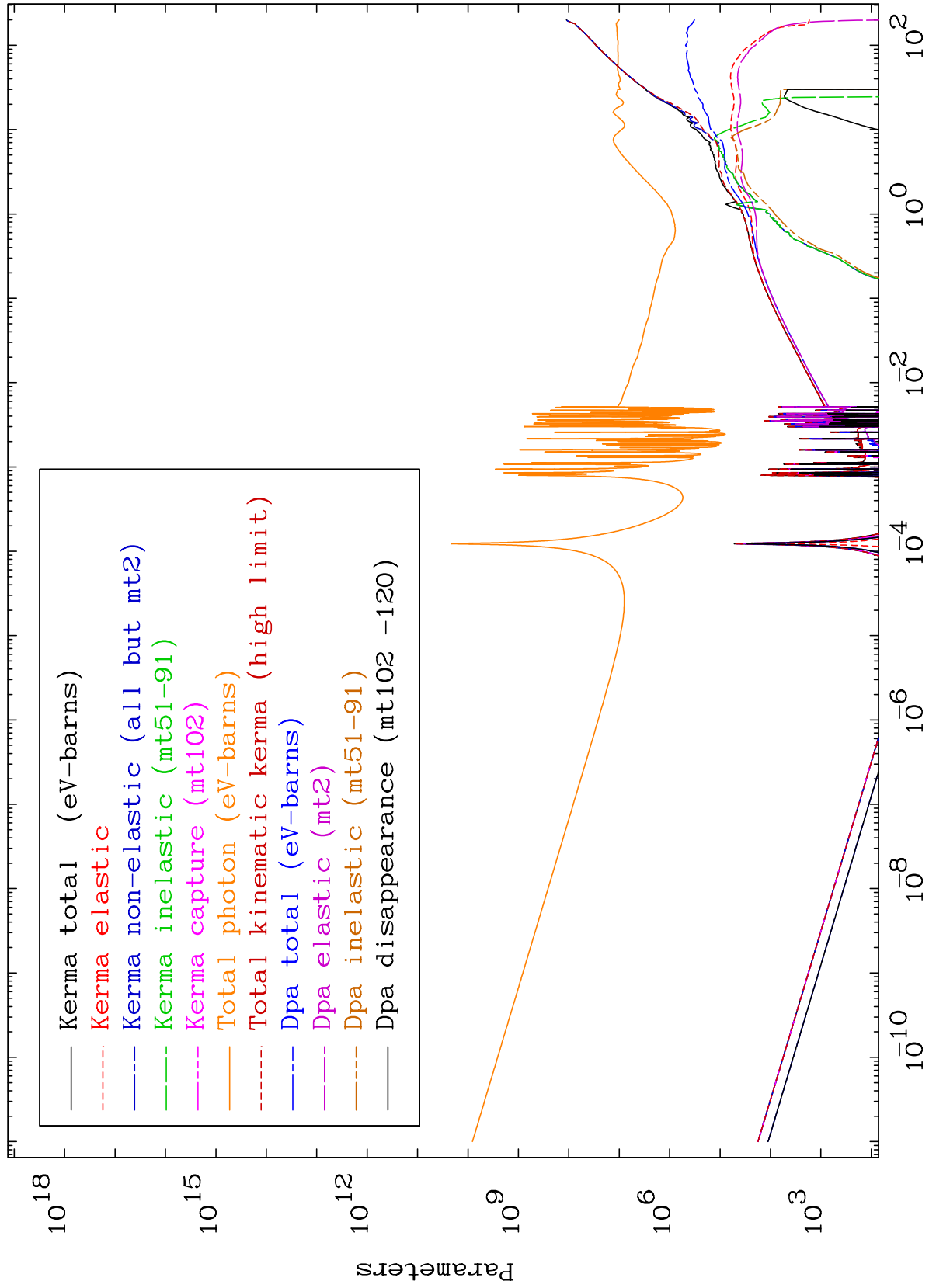
81-T1-204

MAT 8128

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-204

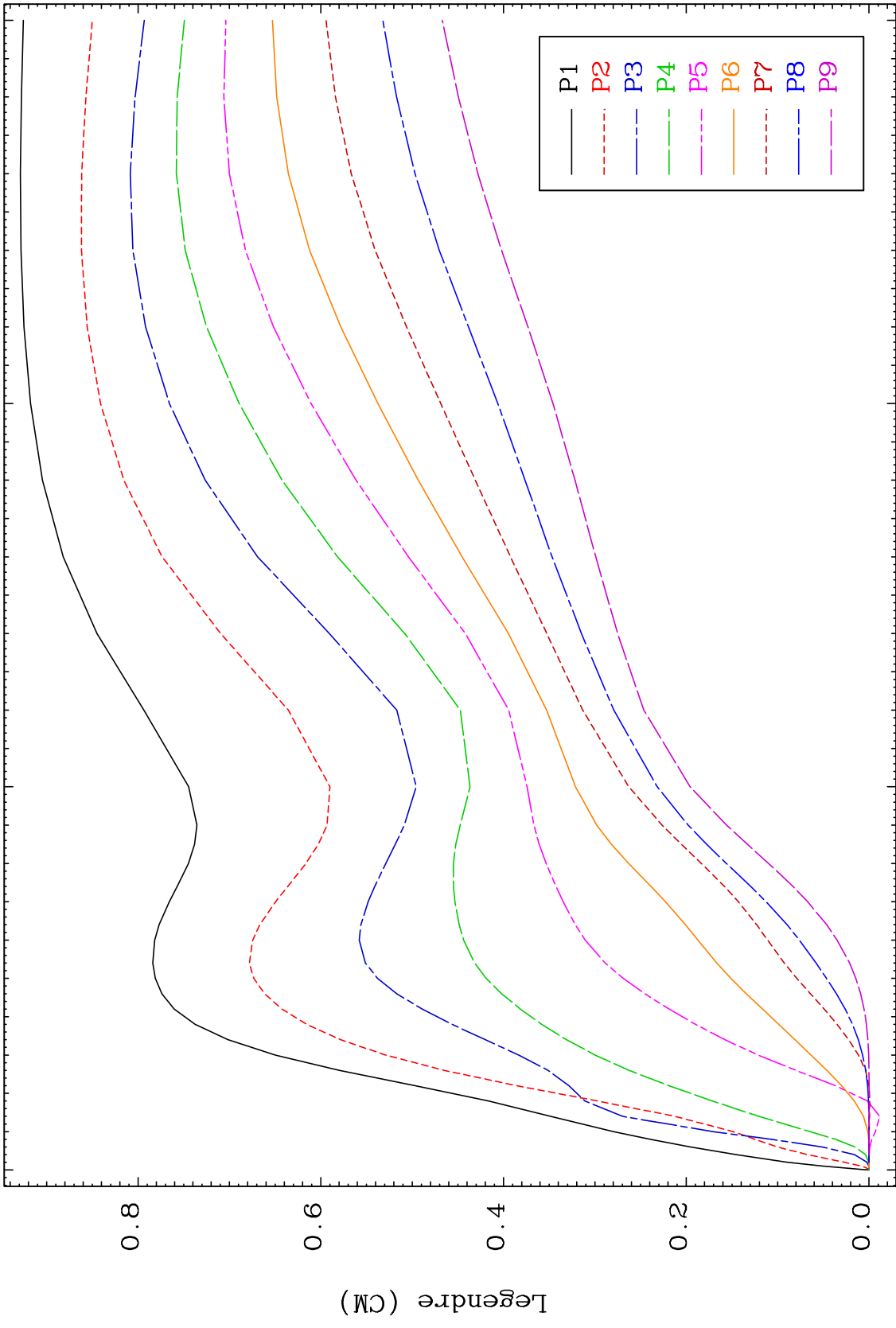




MAT 8128

Elastic Legendre Coefficients

81-T1-204



0

16

10

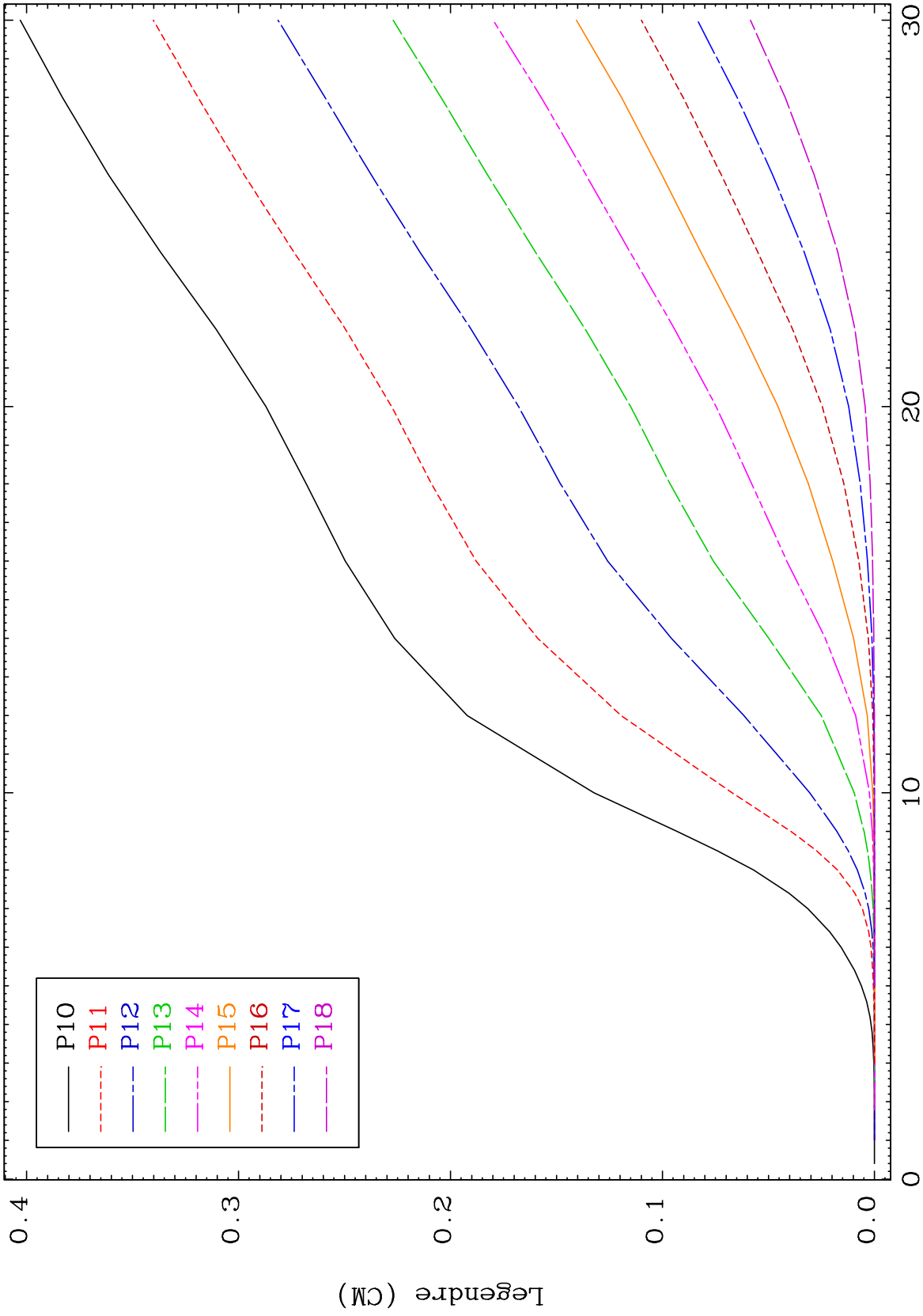
20

30

MAT 8128

Elastic Legendre Coefficients

81-T1-204



17

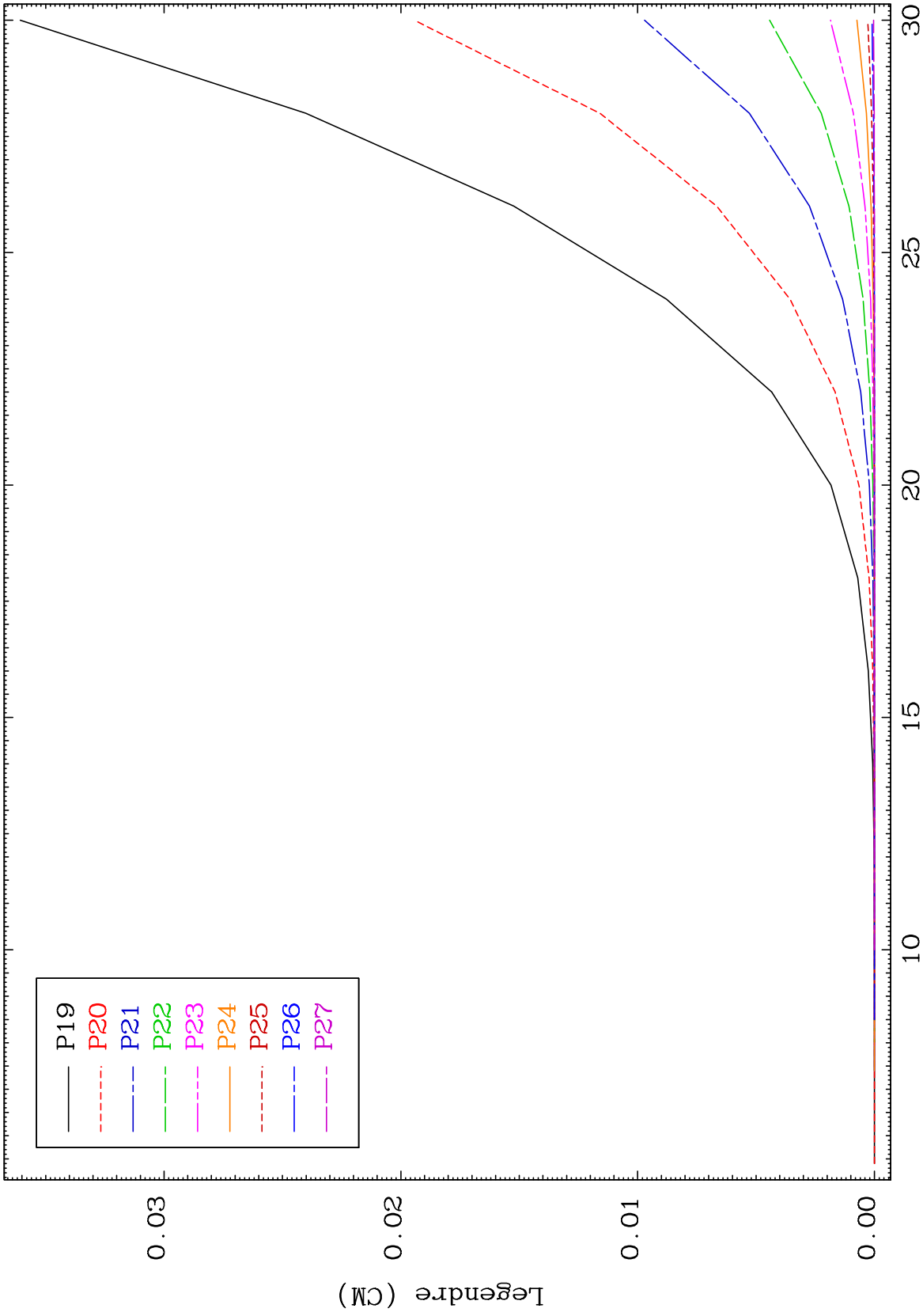
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



18

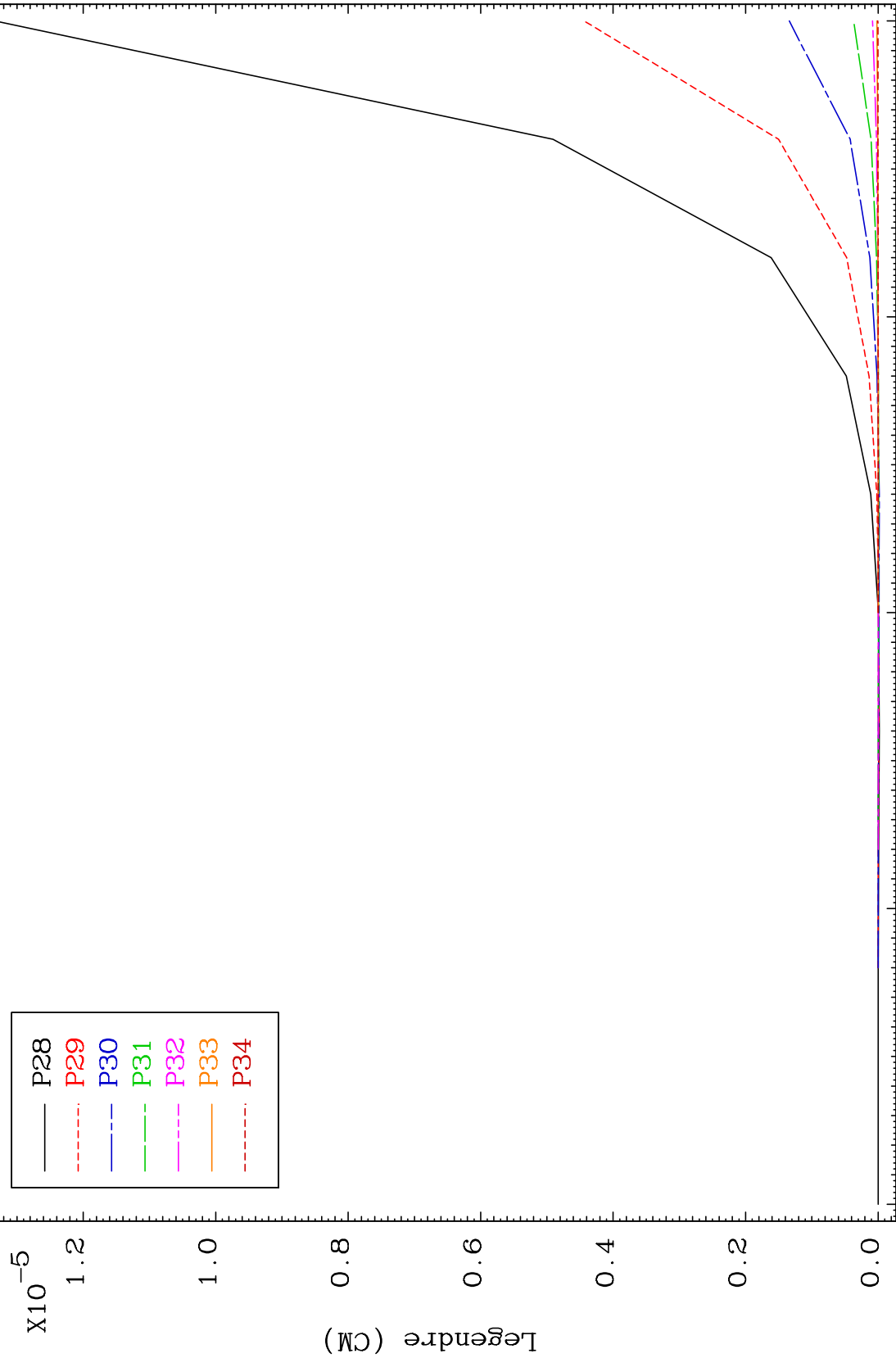
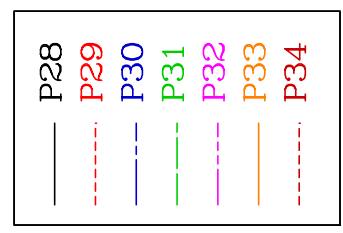
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



19

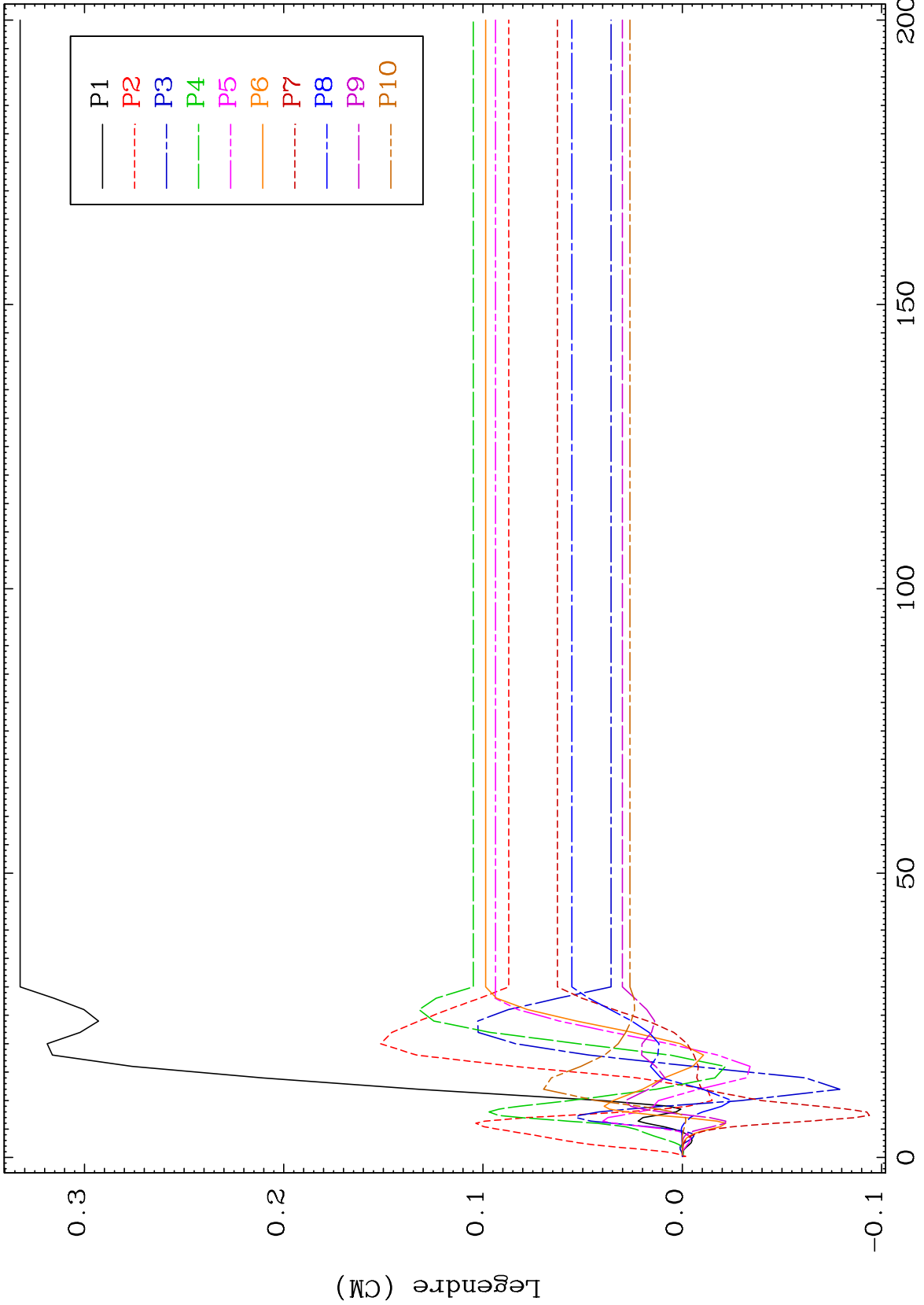
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



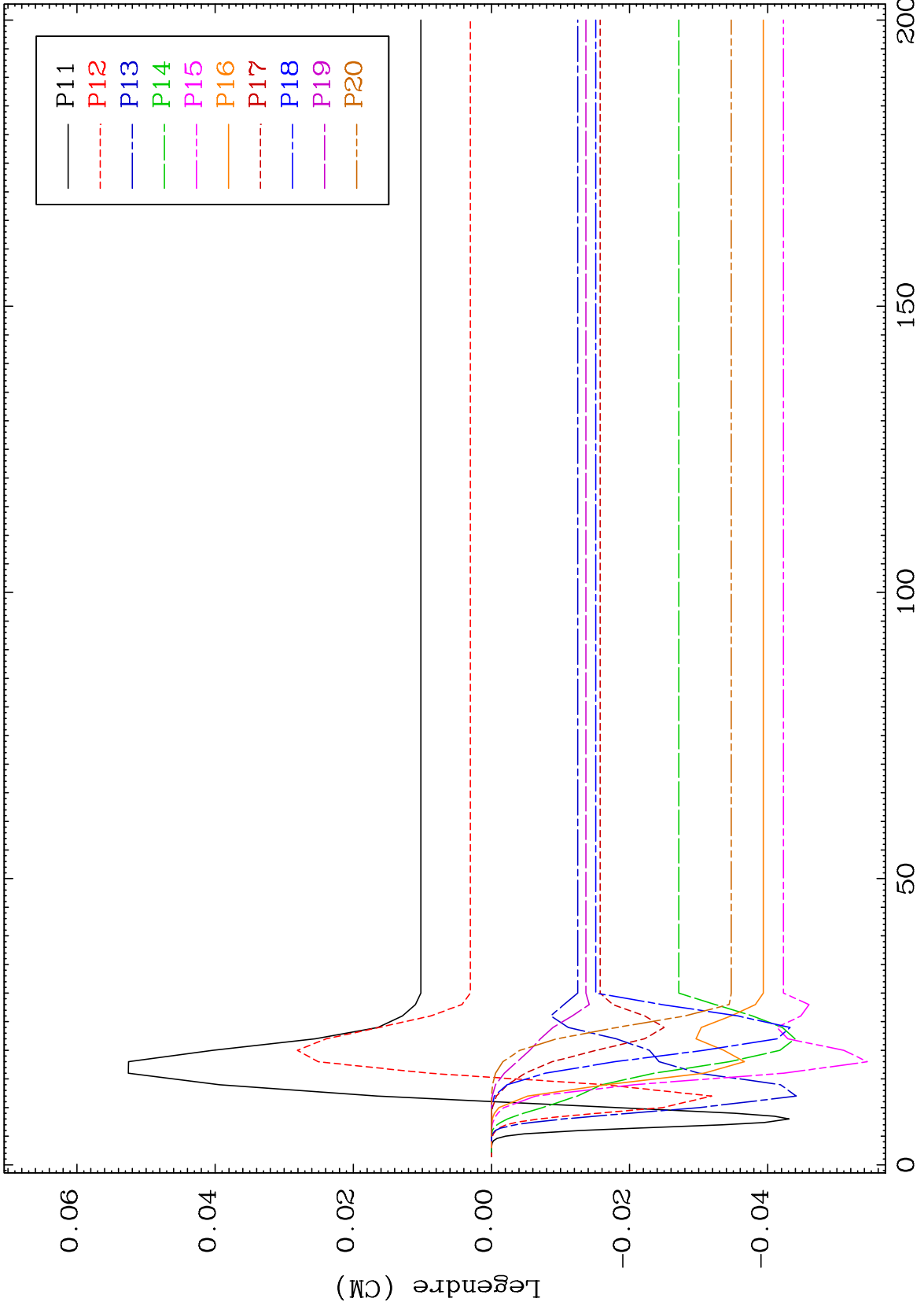
81-T1-204

Incident Energy (MeV)

MAT 8128

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

81-T1-204



21

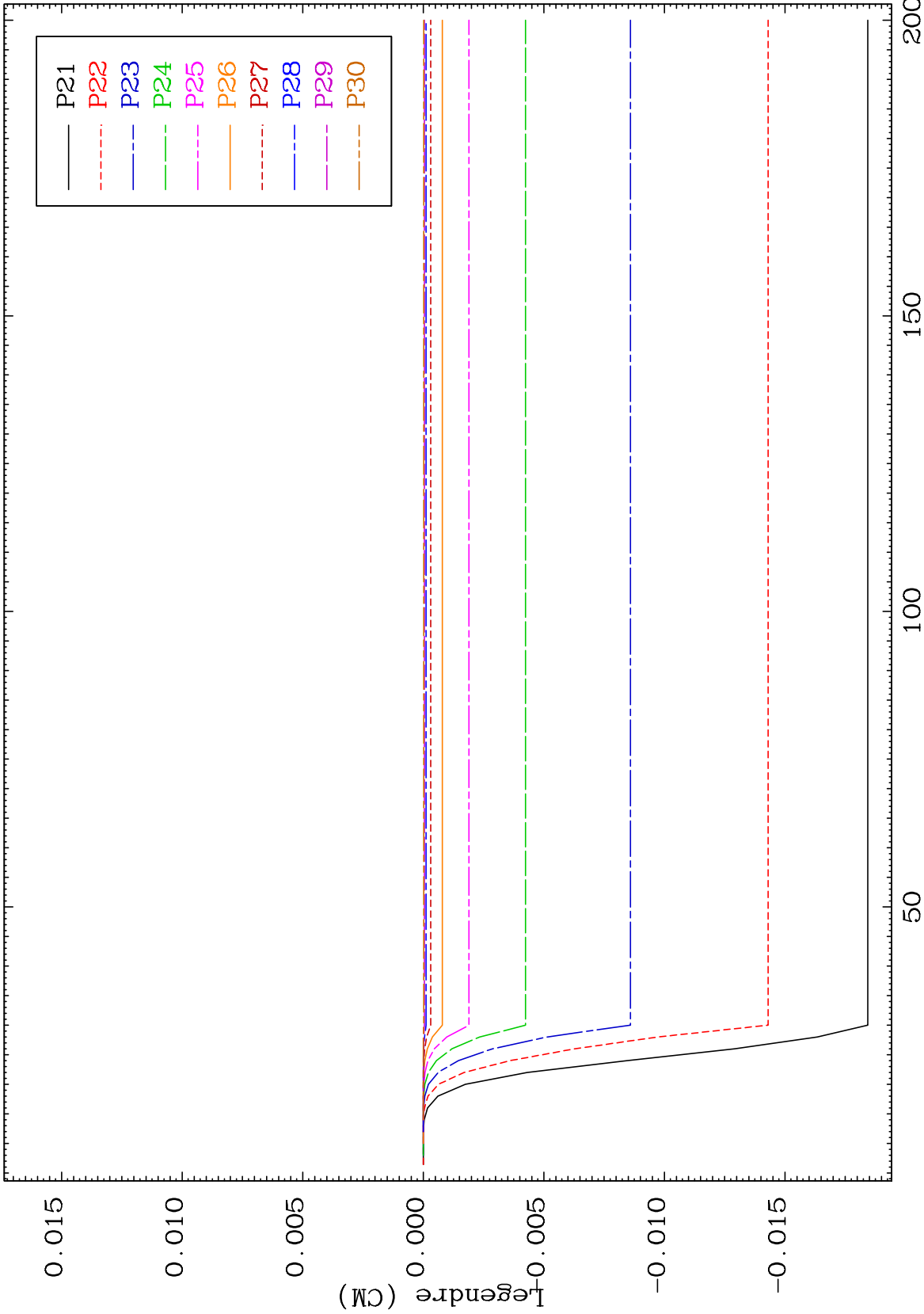
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



22

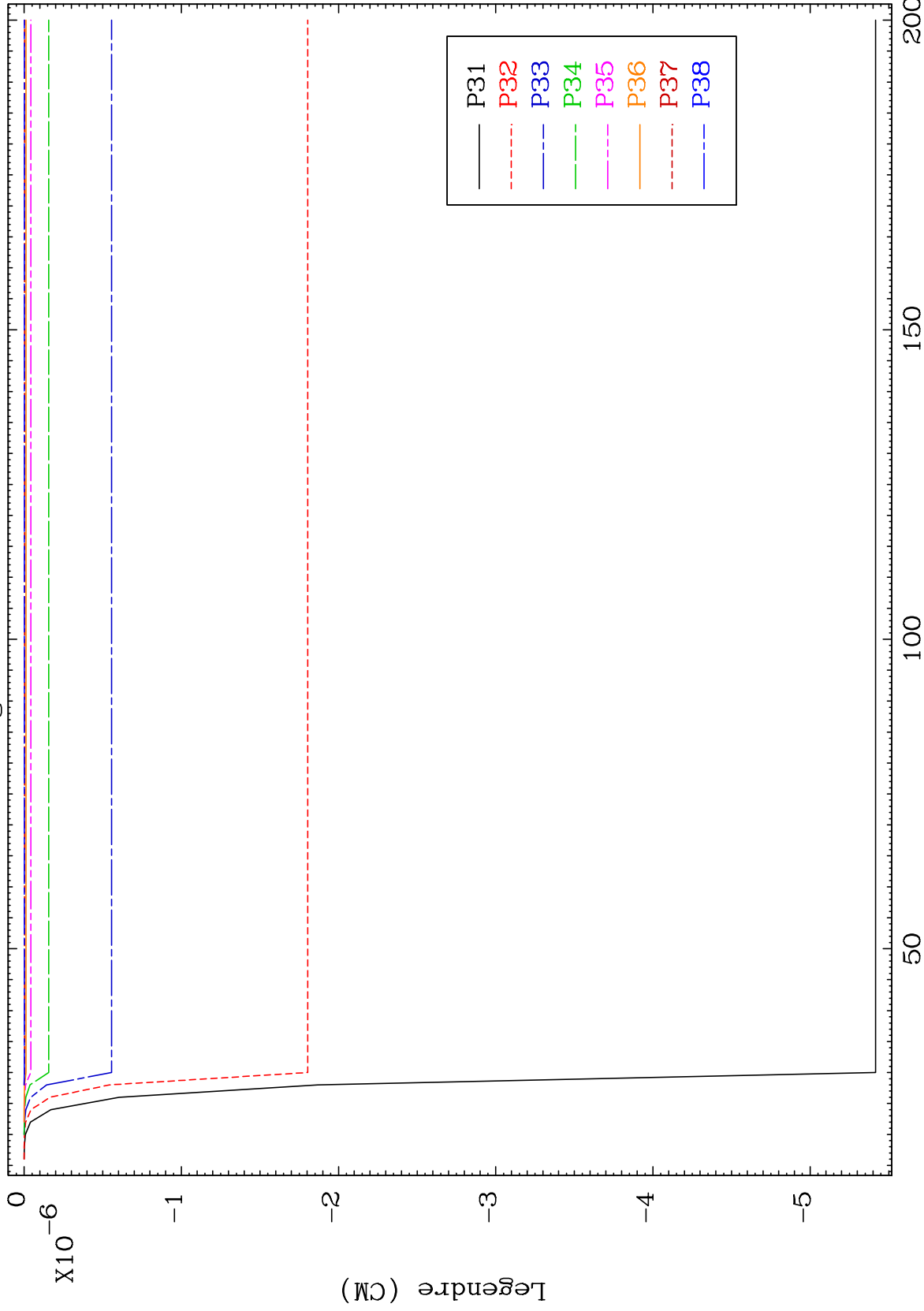
Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 51 (n,n') Level

81-T1-204

Legendre Coefficients



81-T1-204

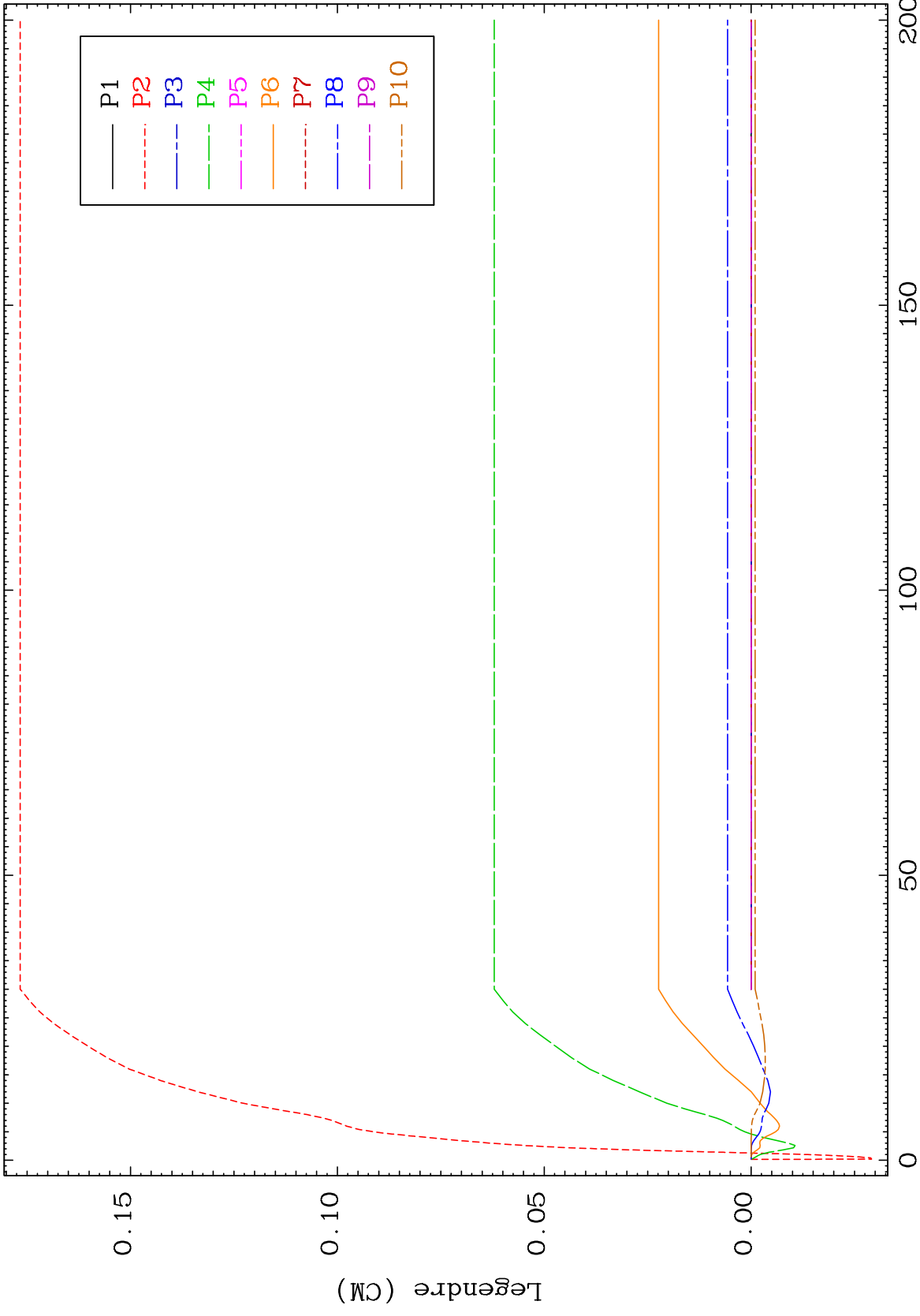
Incident Energy (MeV)

23

MAT 8128

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

81-T1-204



24

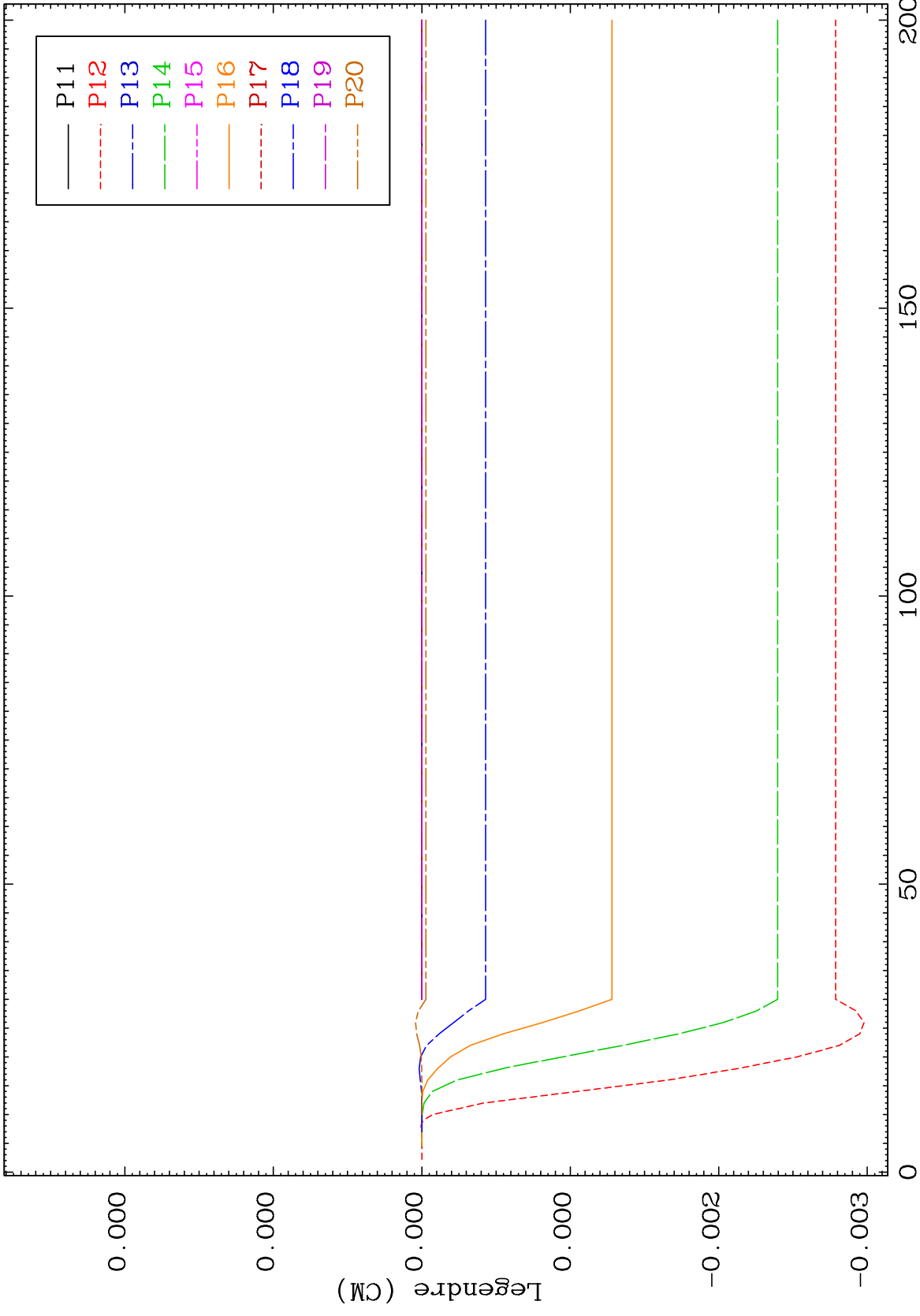
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



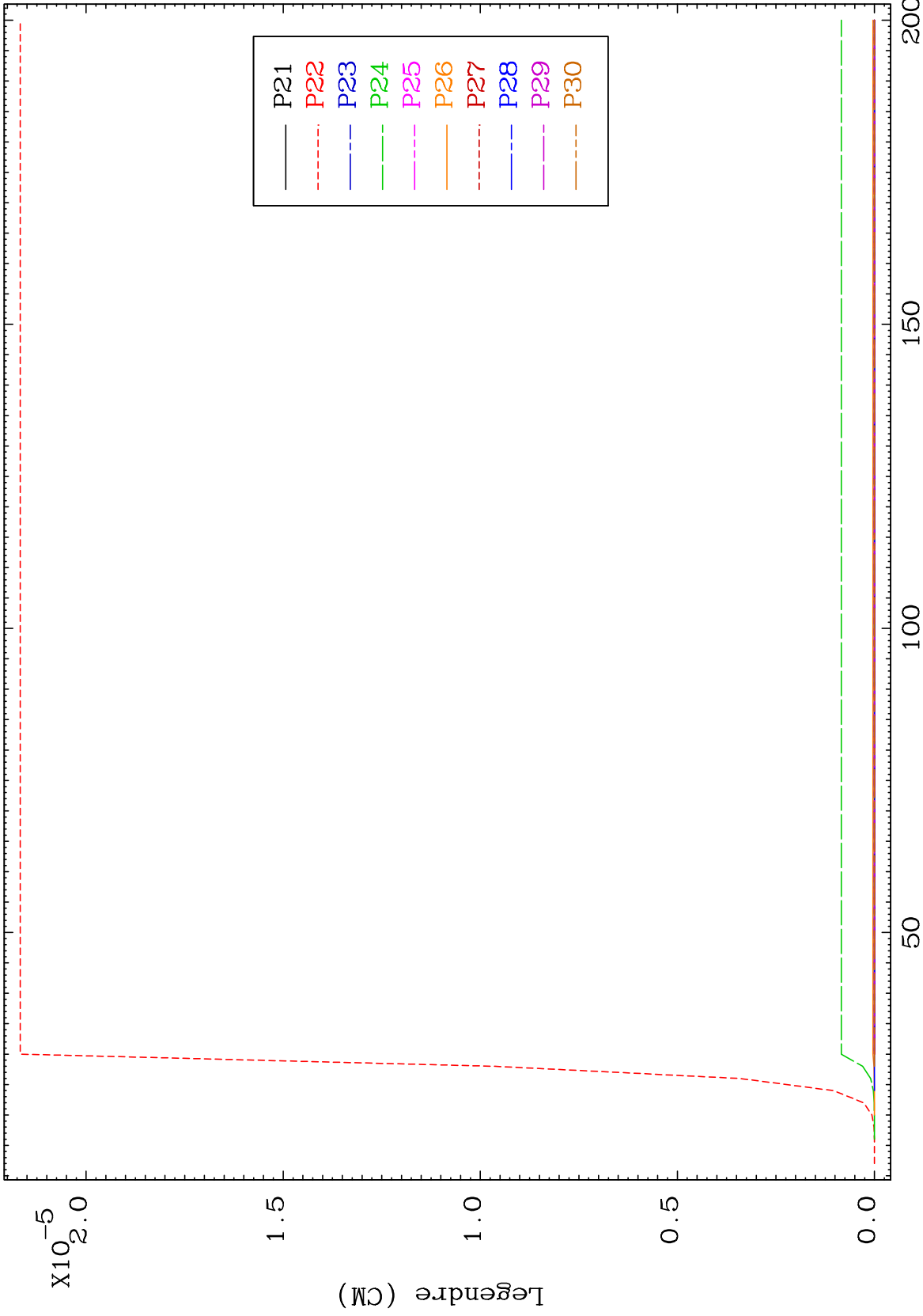
25

81-T1-204

MAT 8128

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

81-T1-204

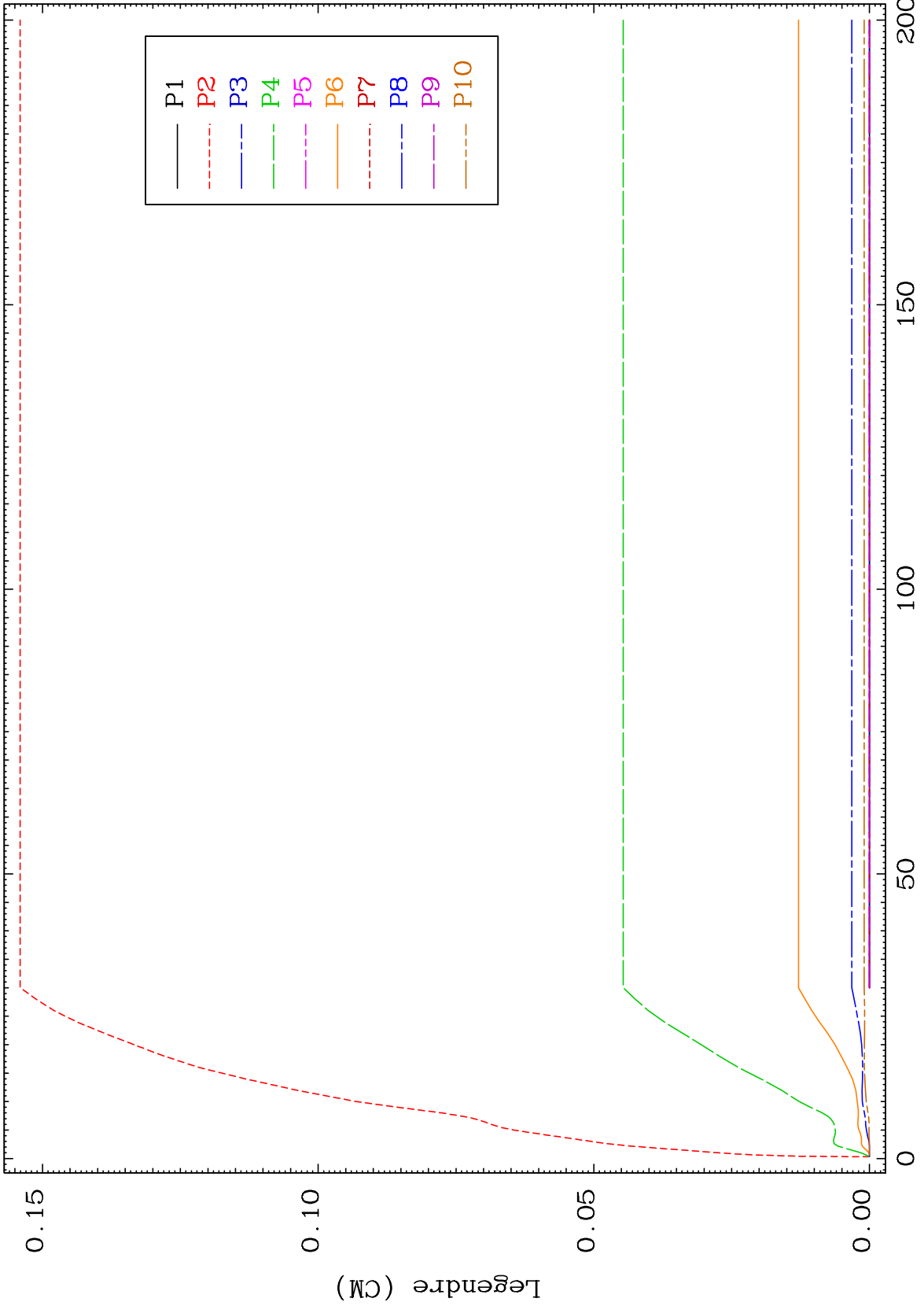


26

MAT 8128

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

81-T1-204



27

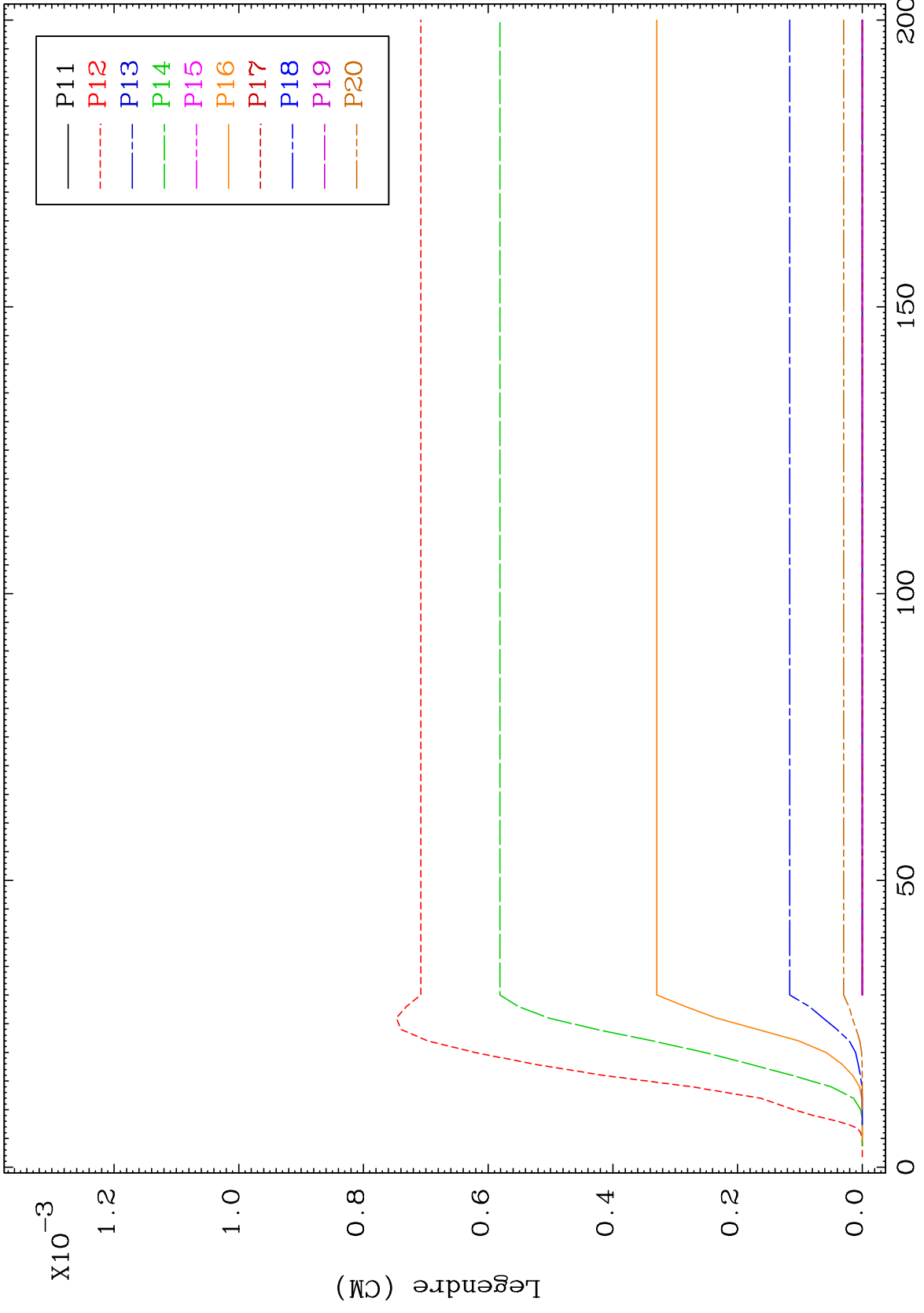
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



28

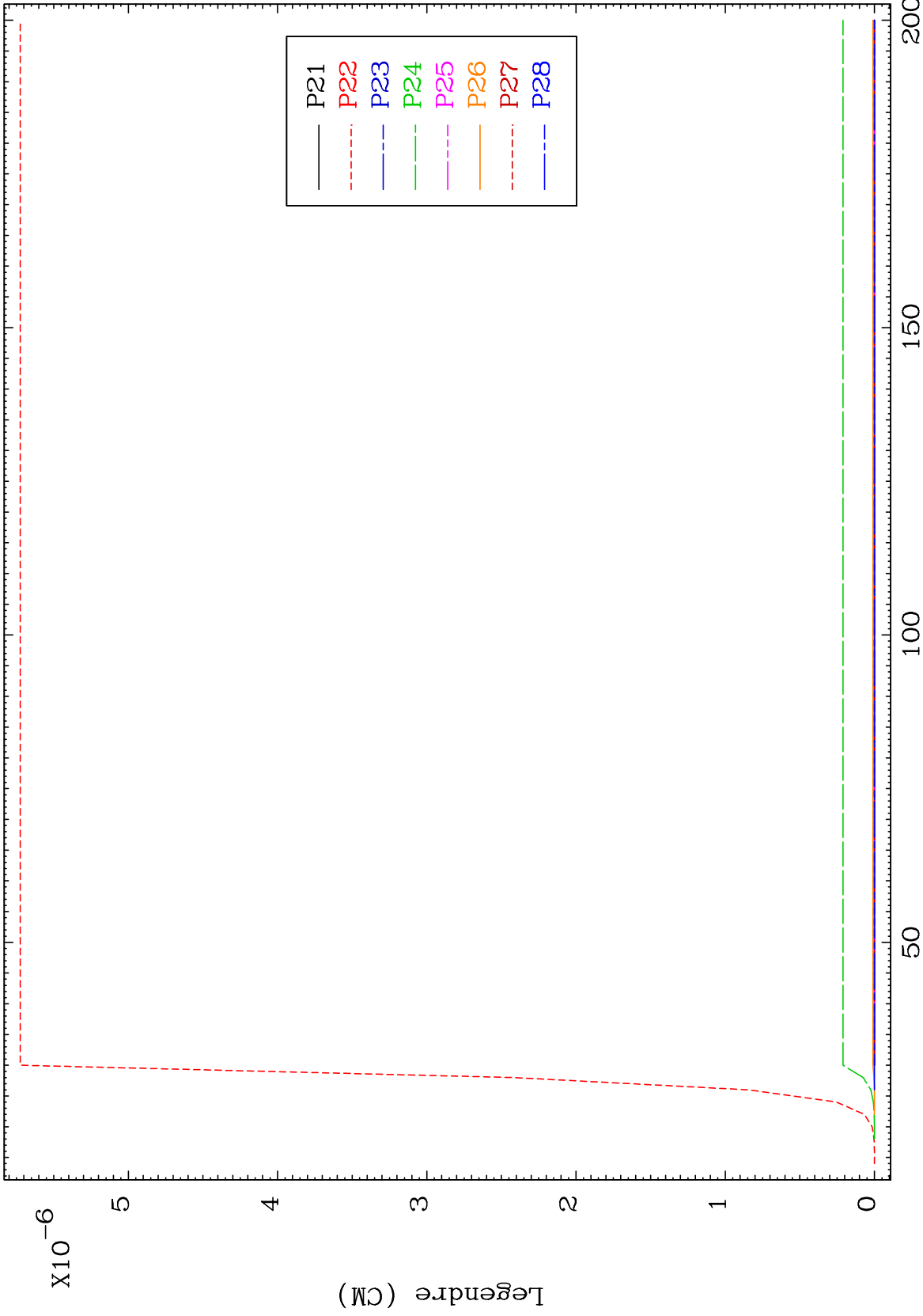
Incident Energy (MeV)

81-T1-204

MAT 8128

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

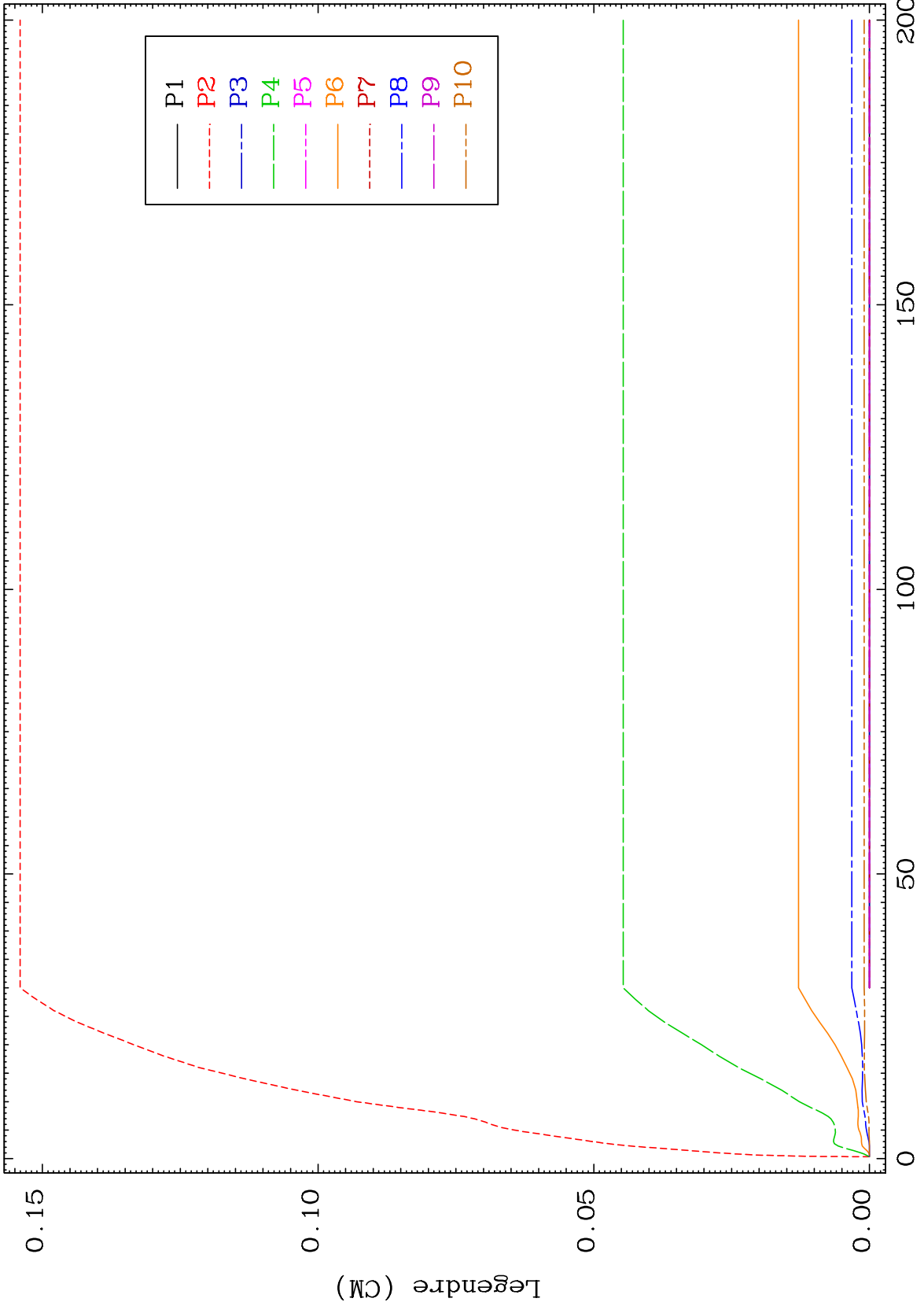
81-T1-204



29

81-T1-204

MAT 8128 MT= 54 (n,n') Level Legendre Coefficients 81-T1-204

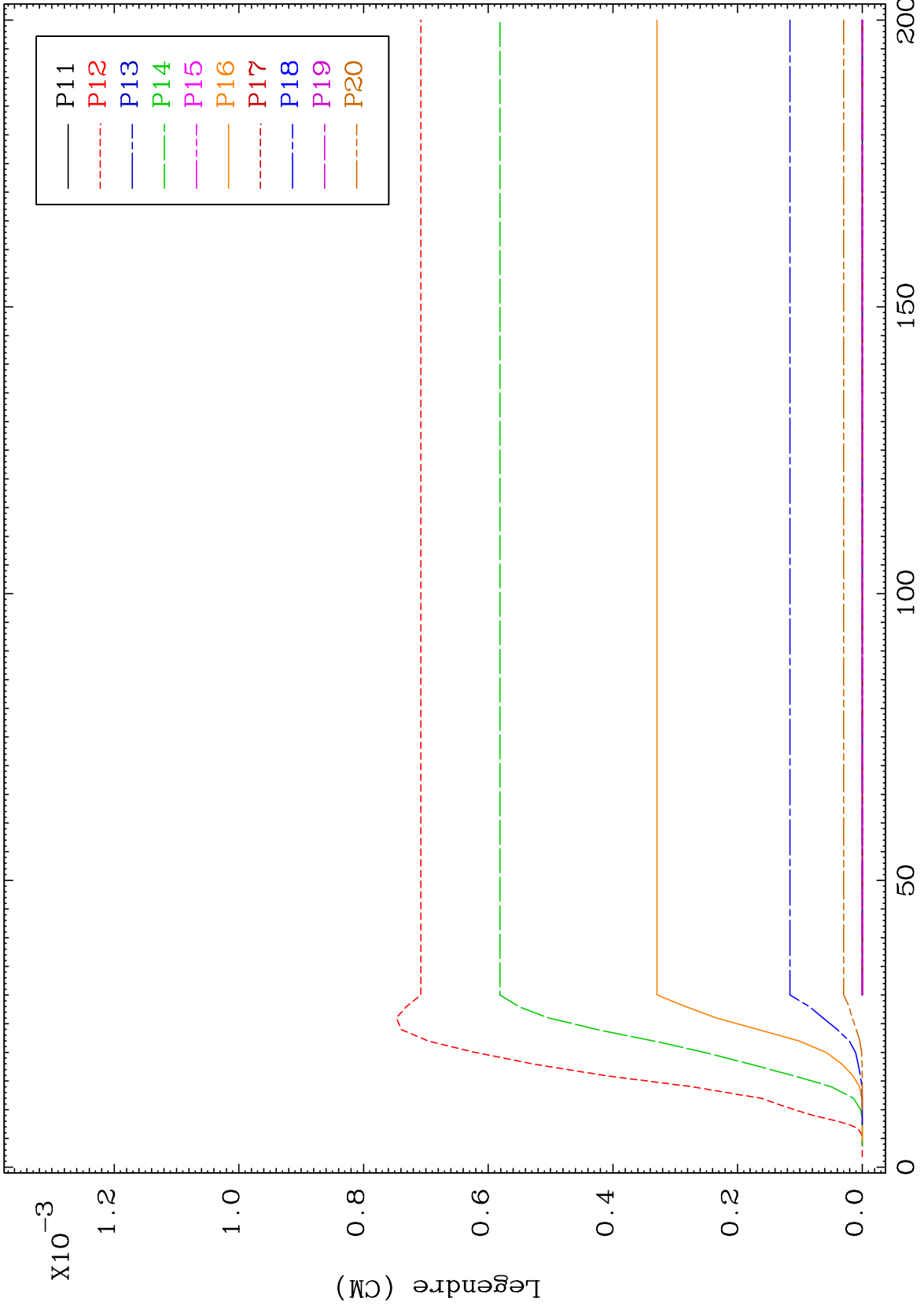


81-T1-204

MAT 8128

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

81-T1-204



31

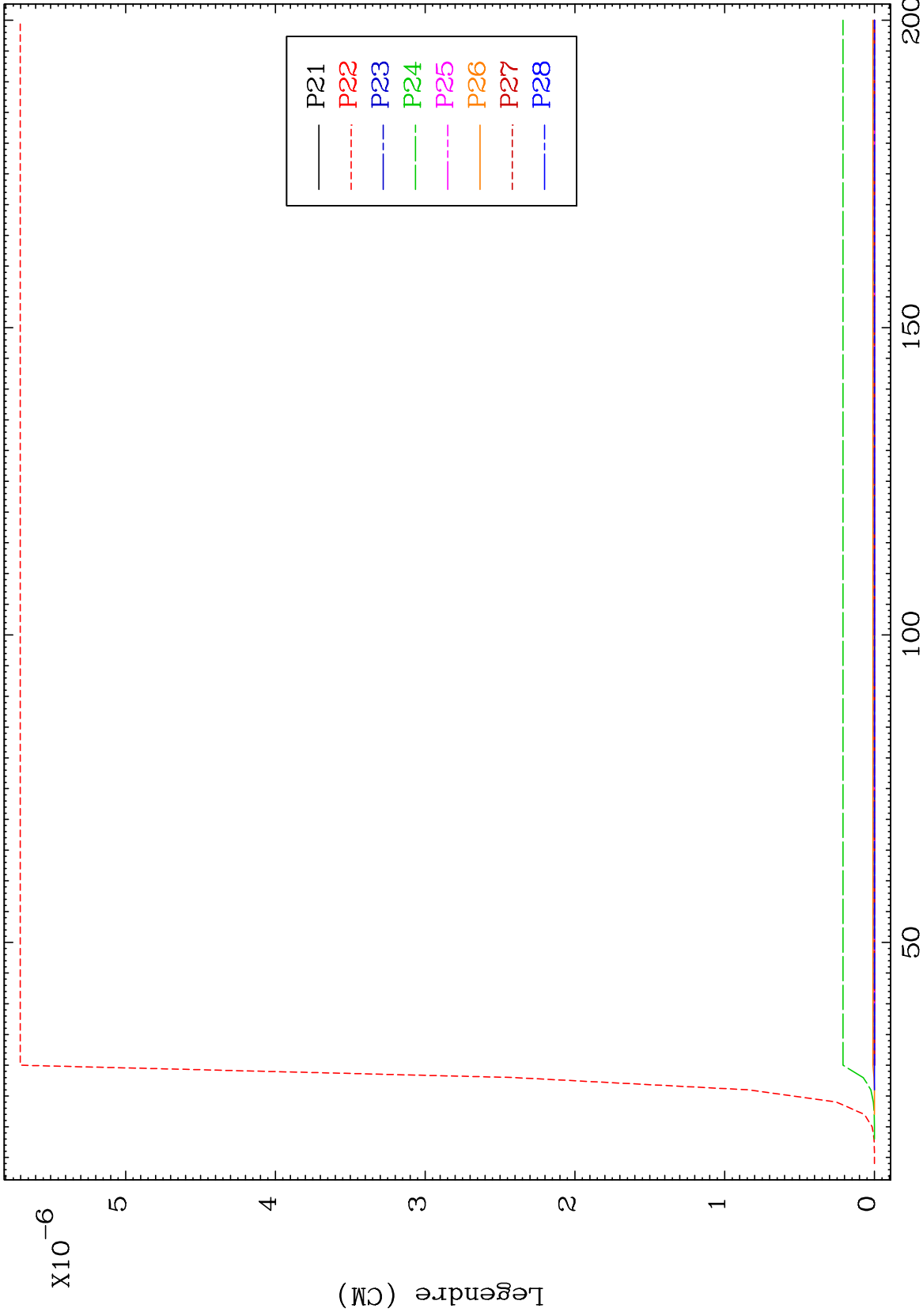
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



32

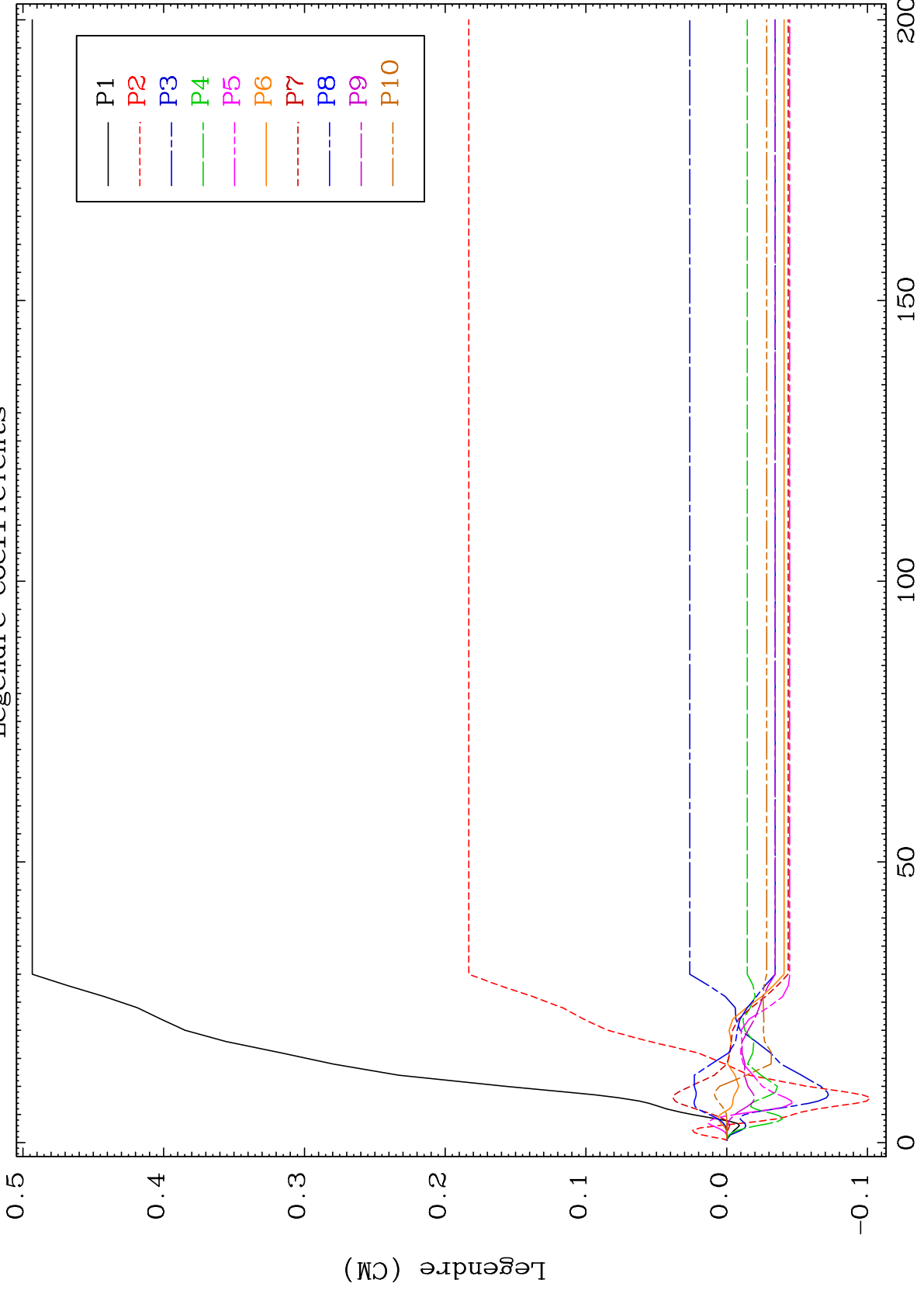
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



33

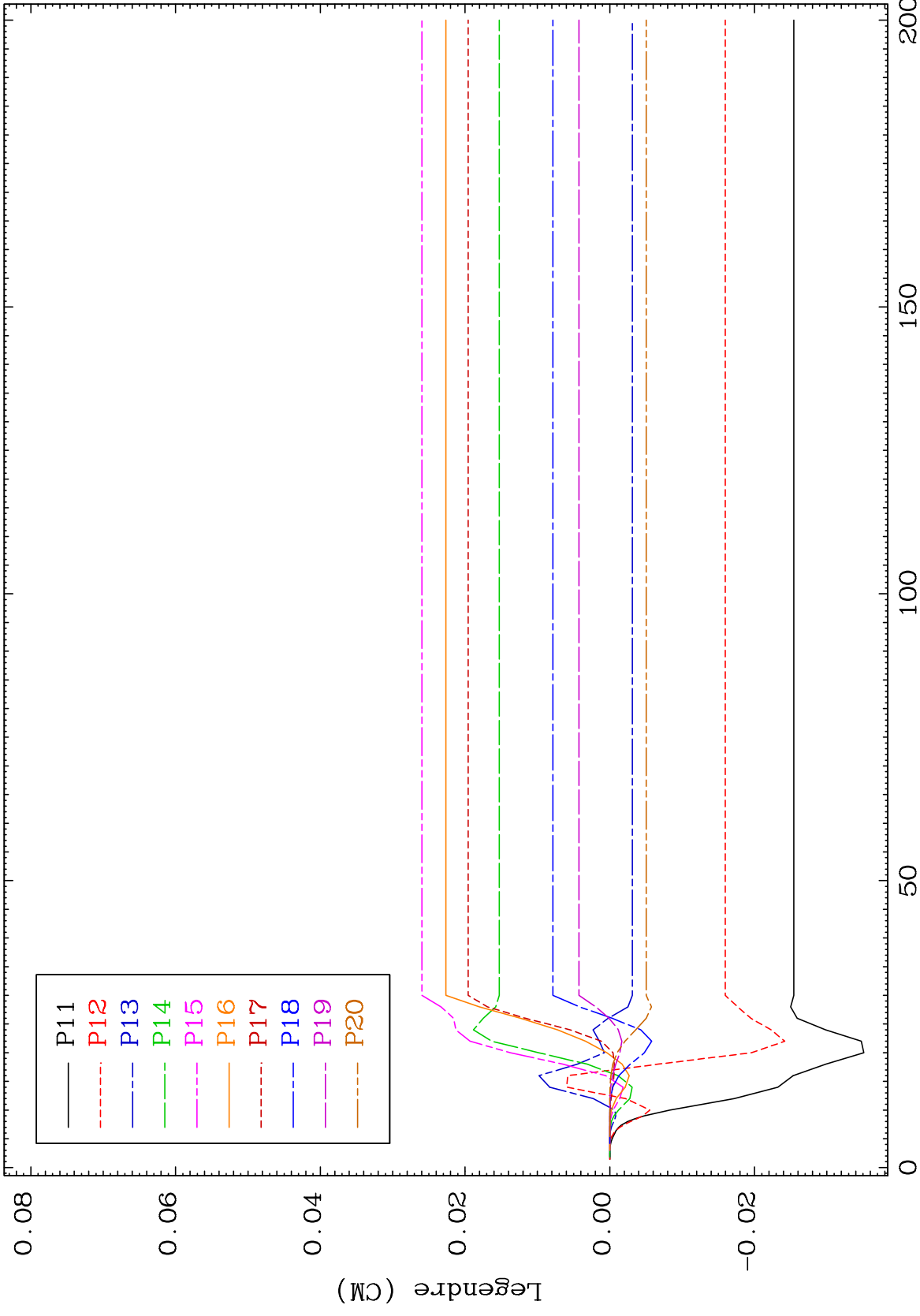
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



34

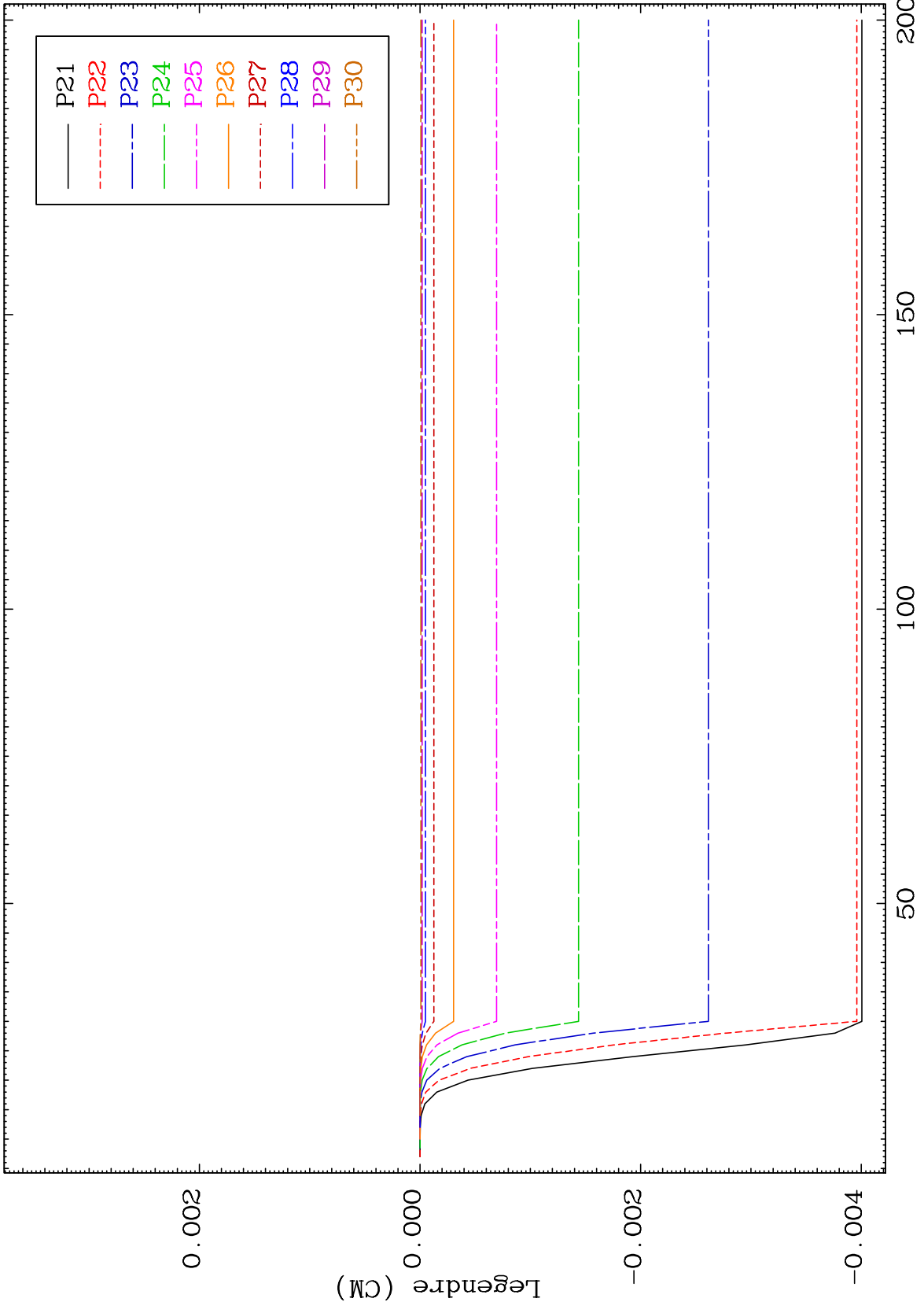
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



35

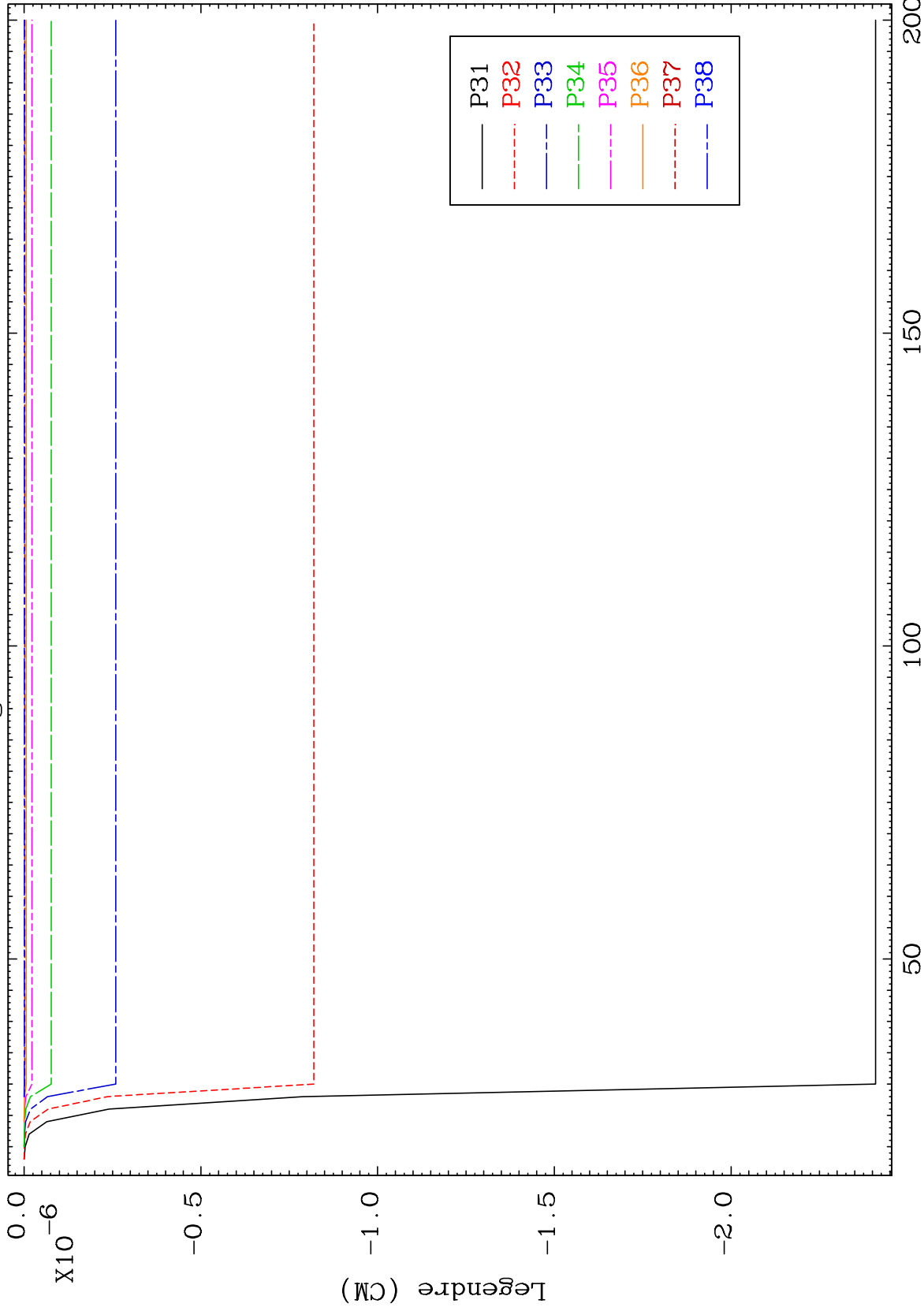
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



36

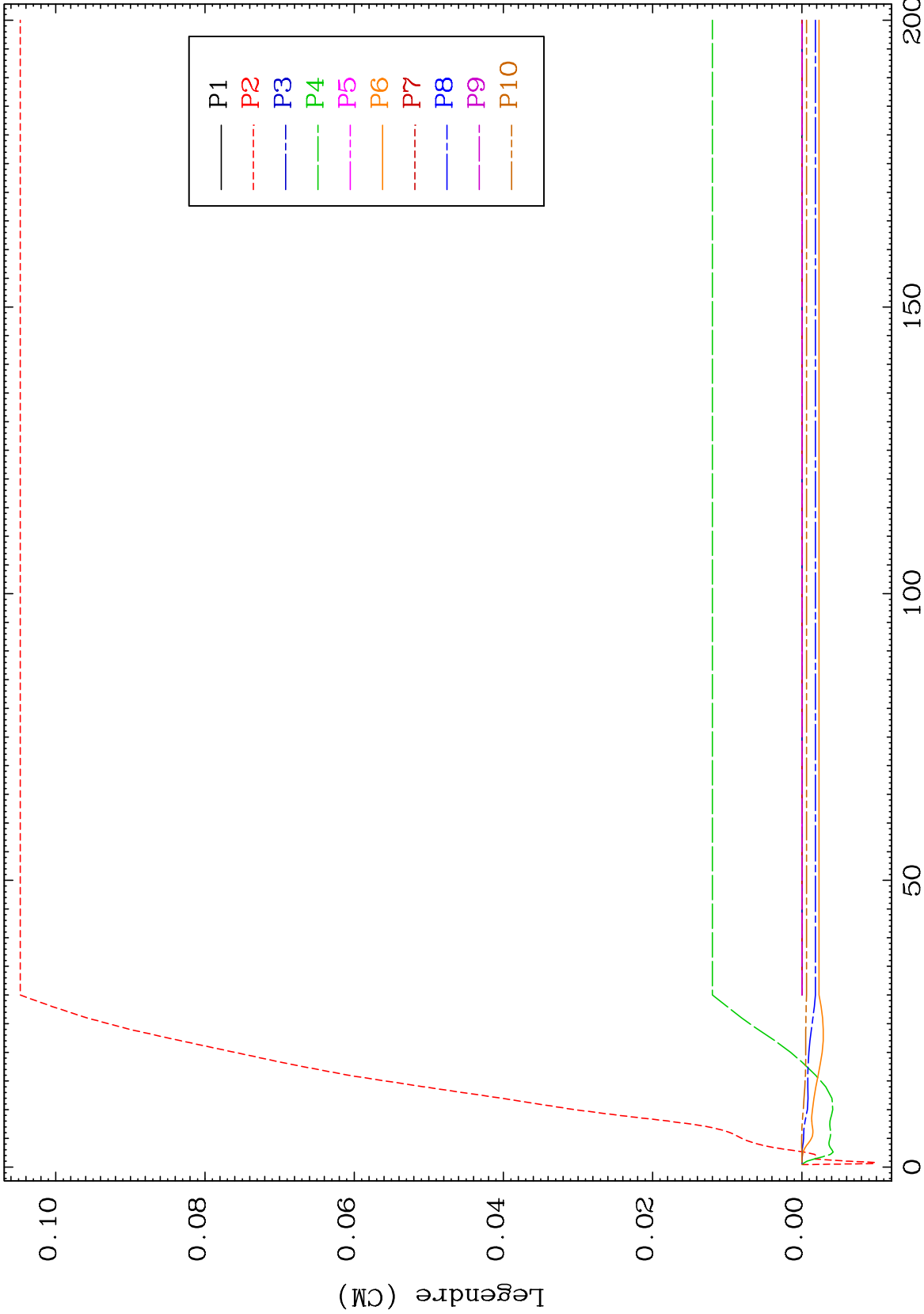
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



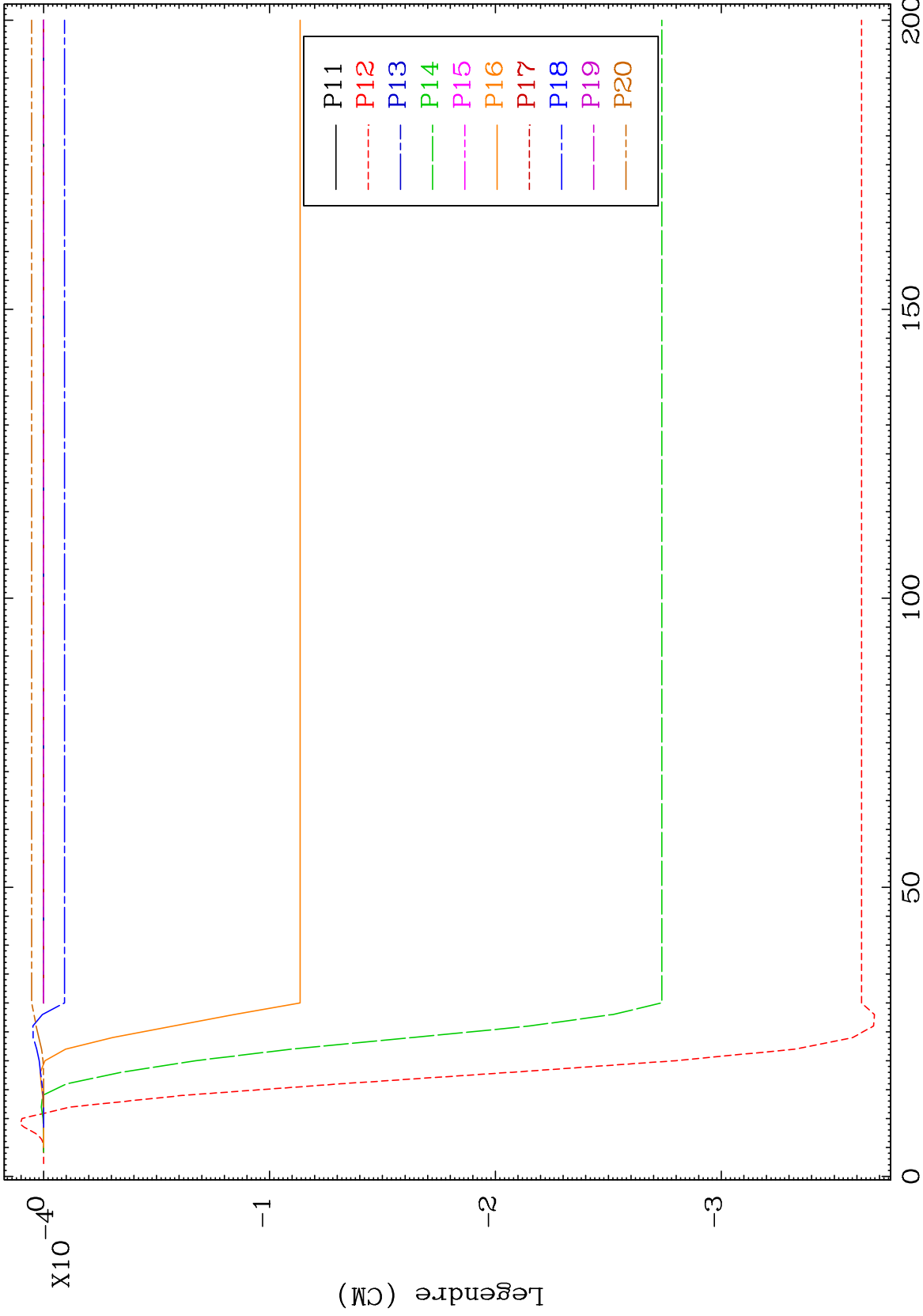
37

81-T1-204

MAT 8128

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

81-T1-204



38

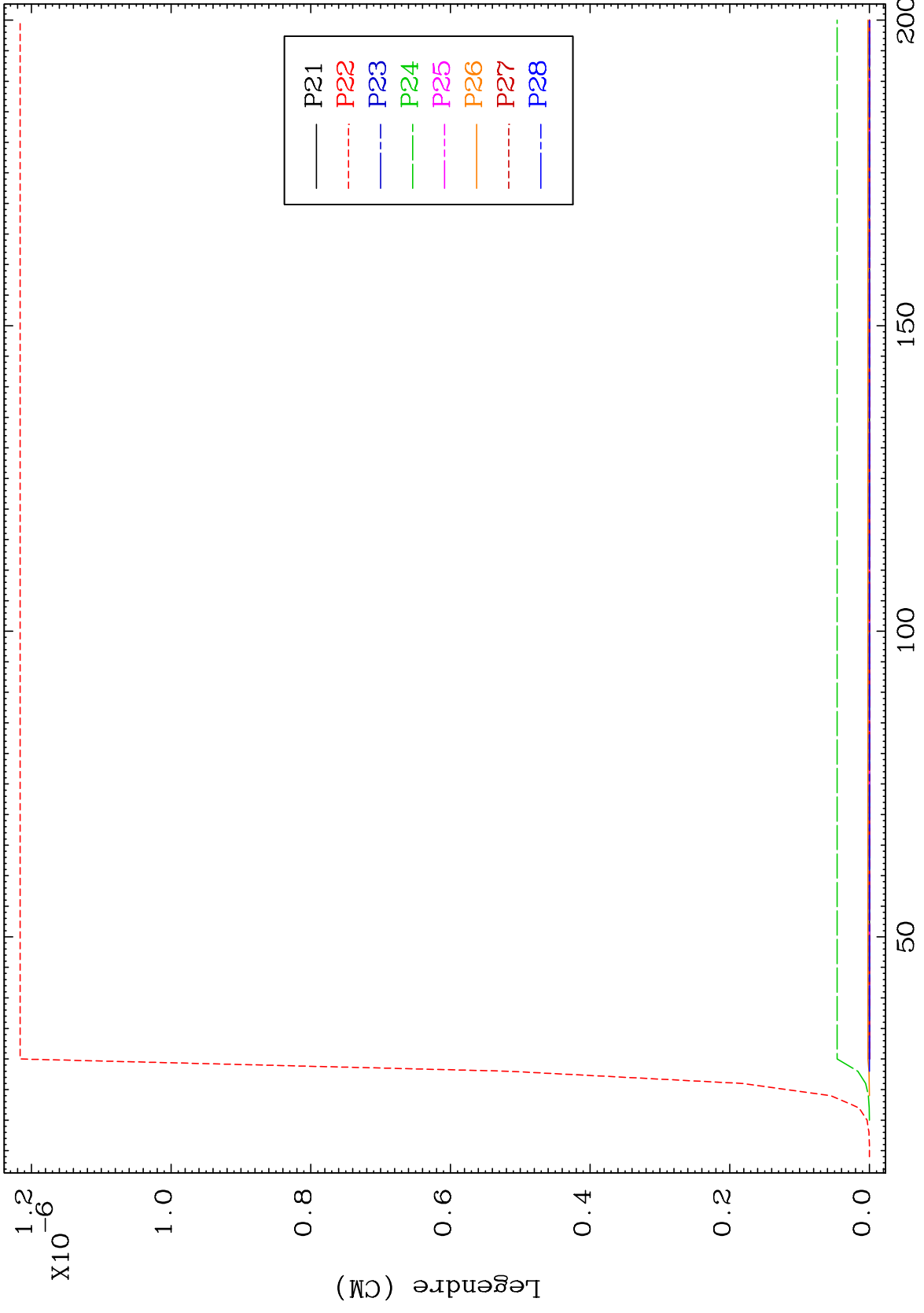
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



39

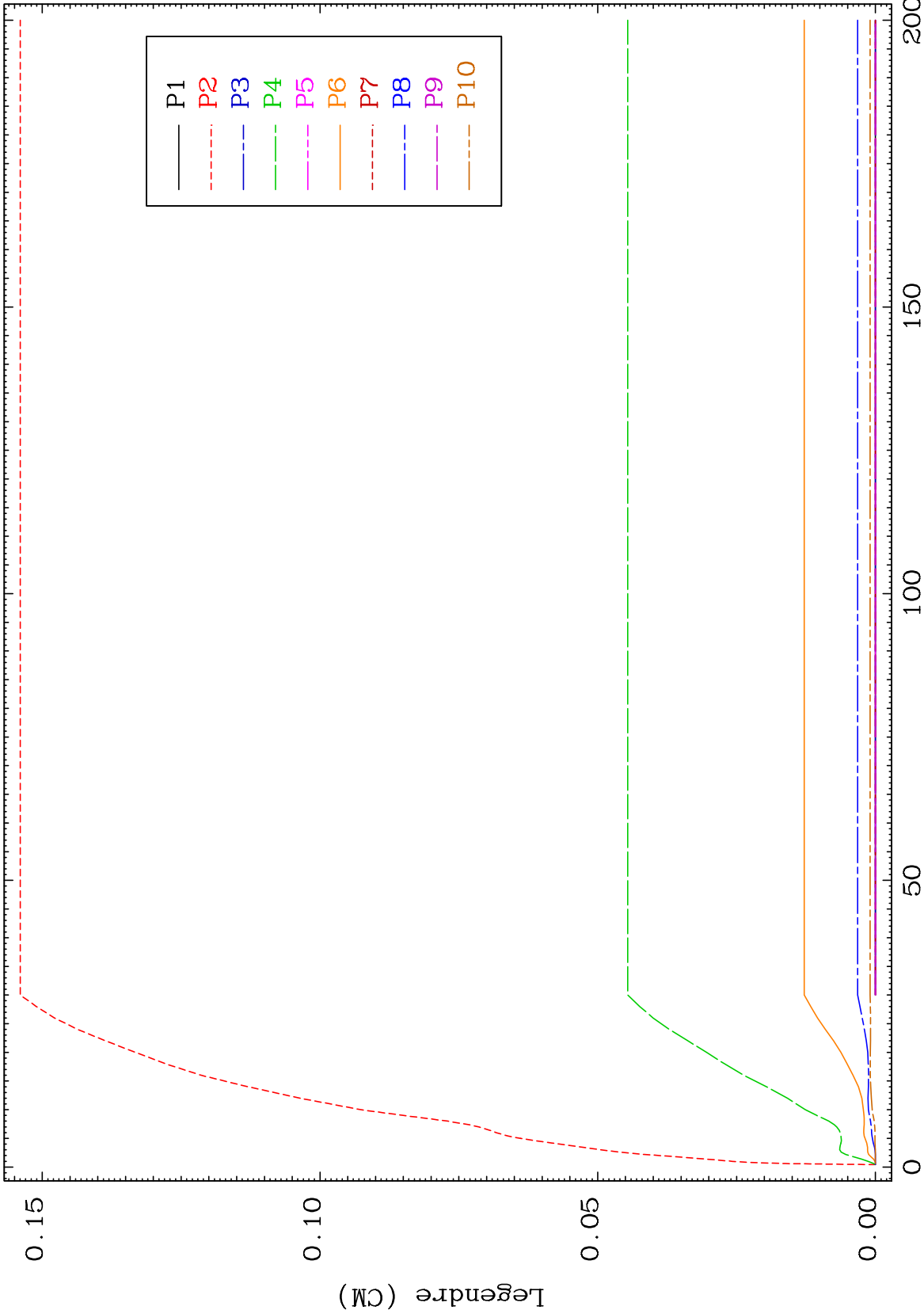
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

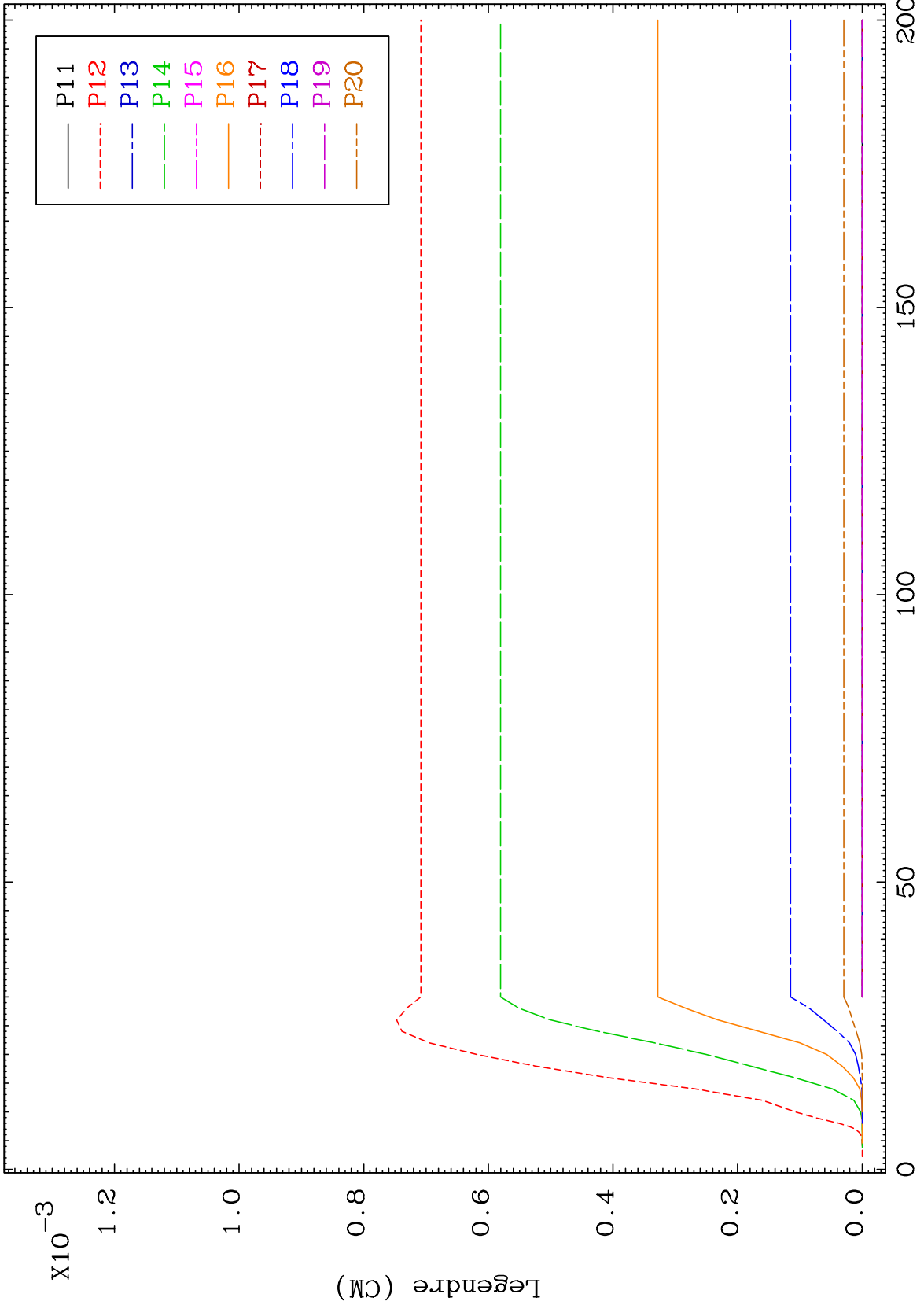
Incident Energy (MeV)

40

MAT 8128

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

81-T1-204



41

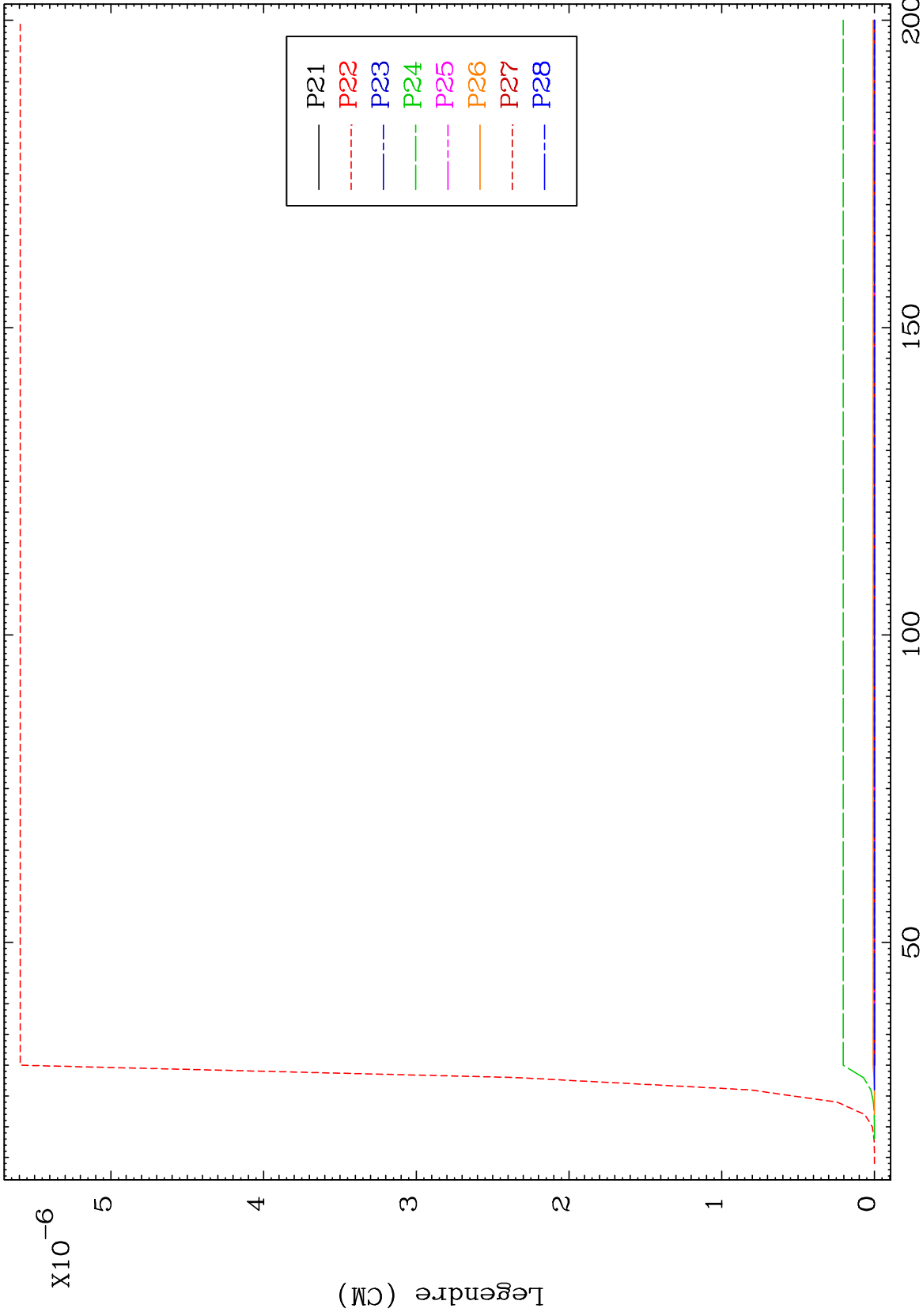
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

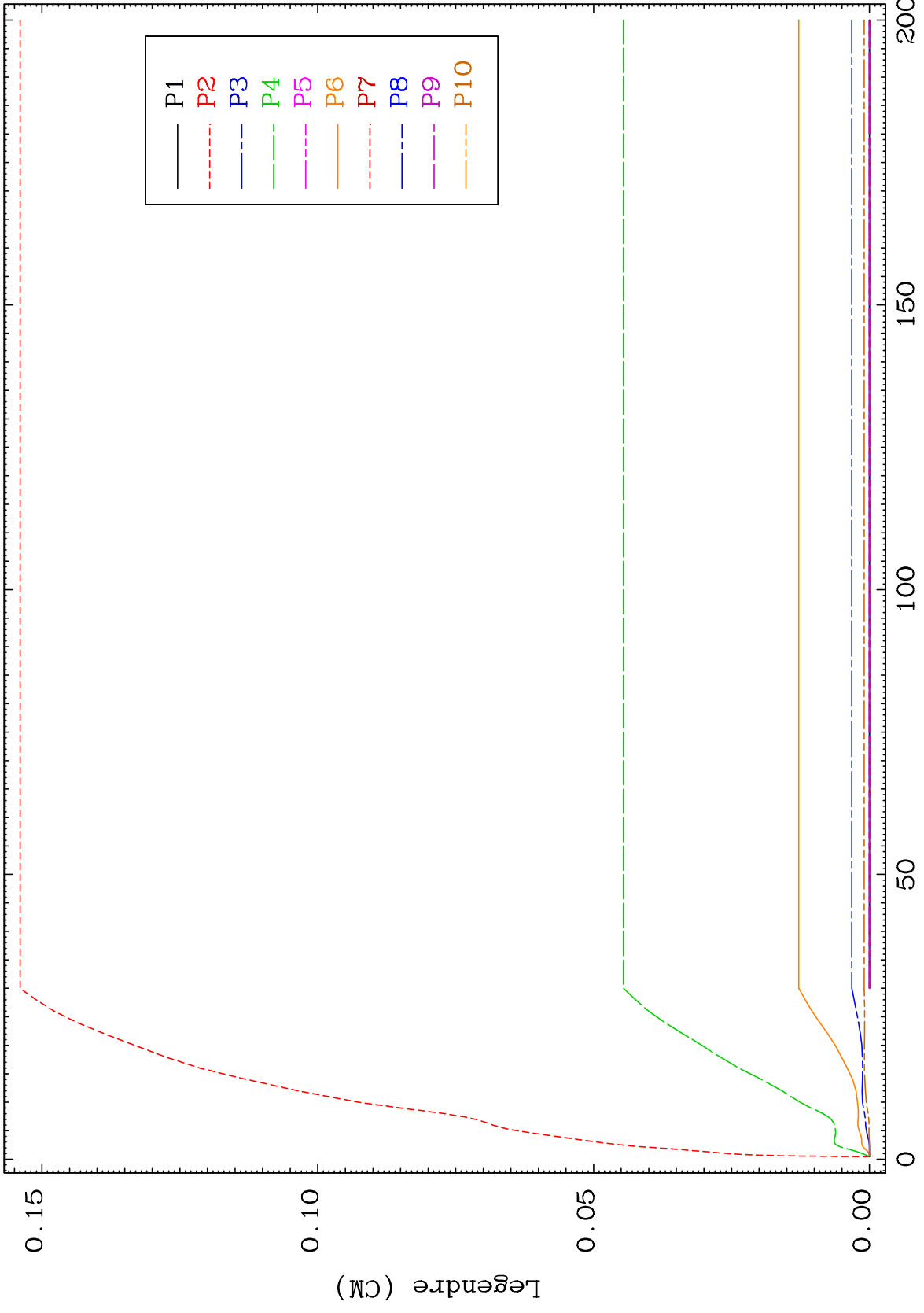


42

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 58 (n,n') Level Legendre Coefficients 81-T1-204

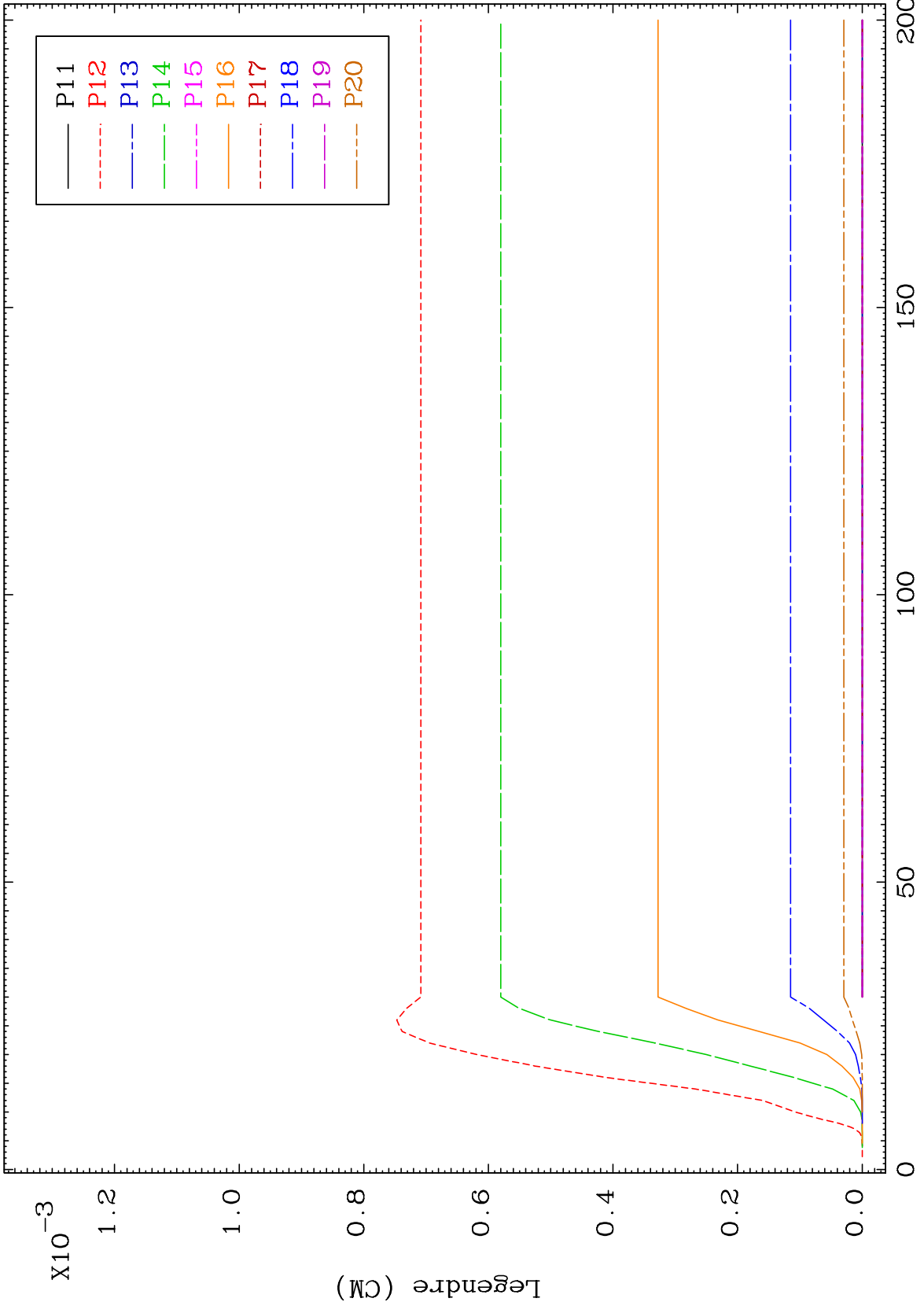


43 81-T1-204

MAT 8128

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

81-T1-204



44

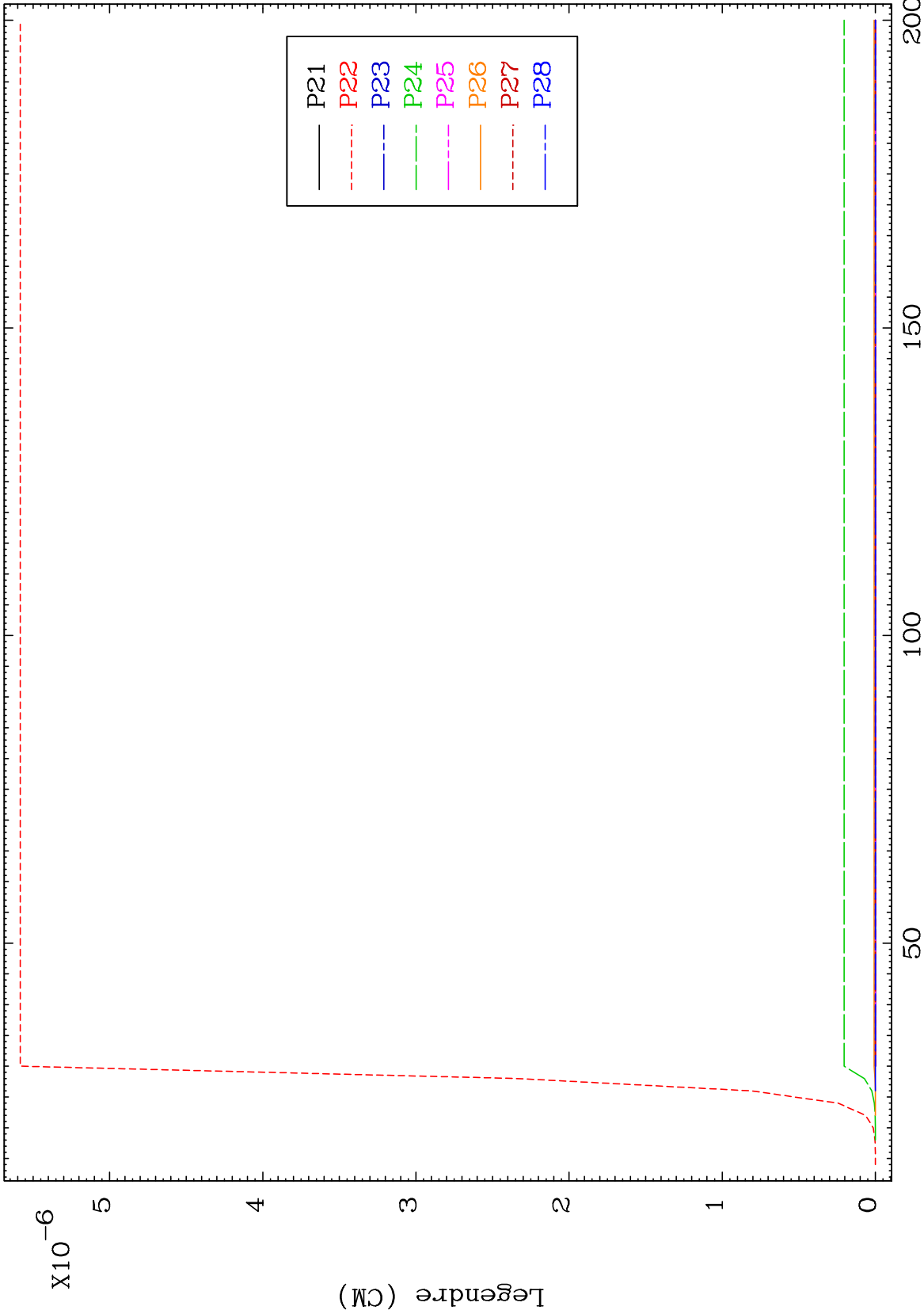
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



45

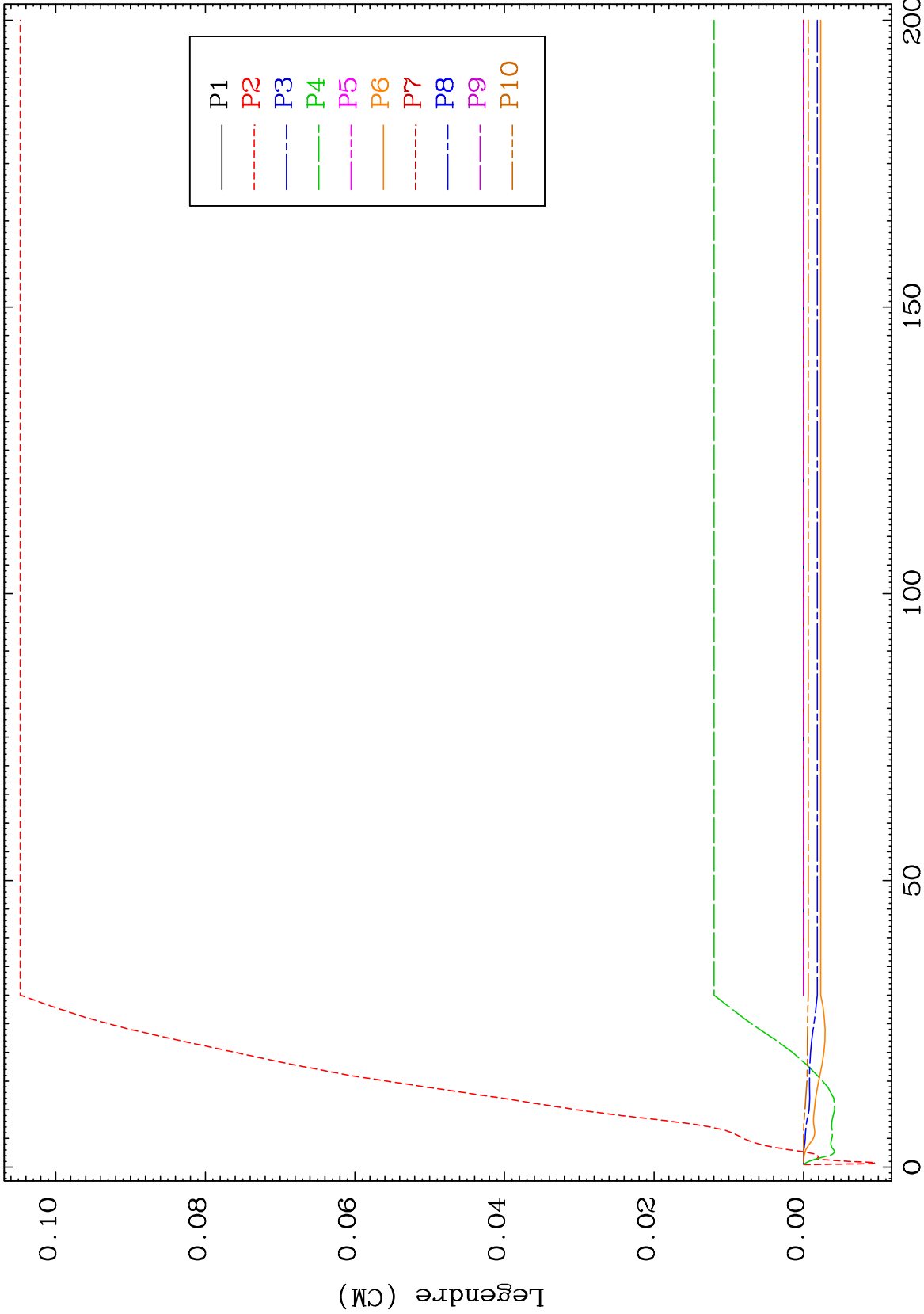
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



46

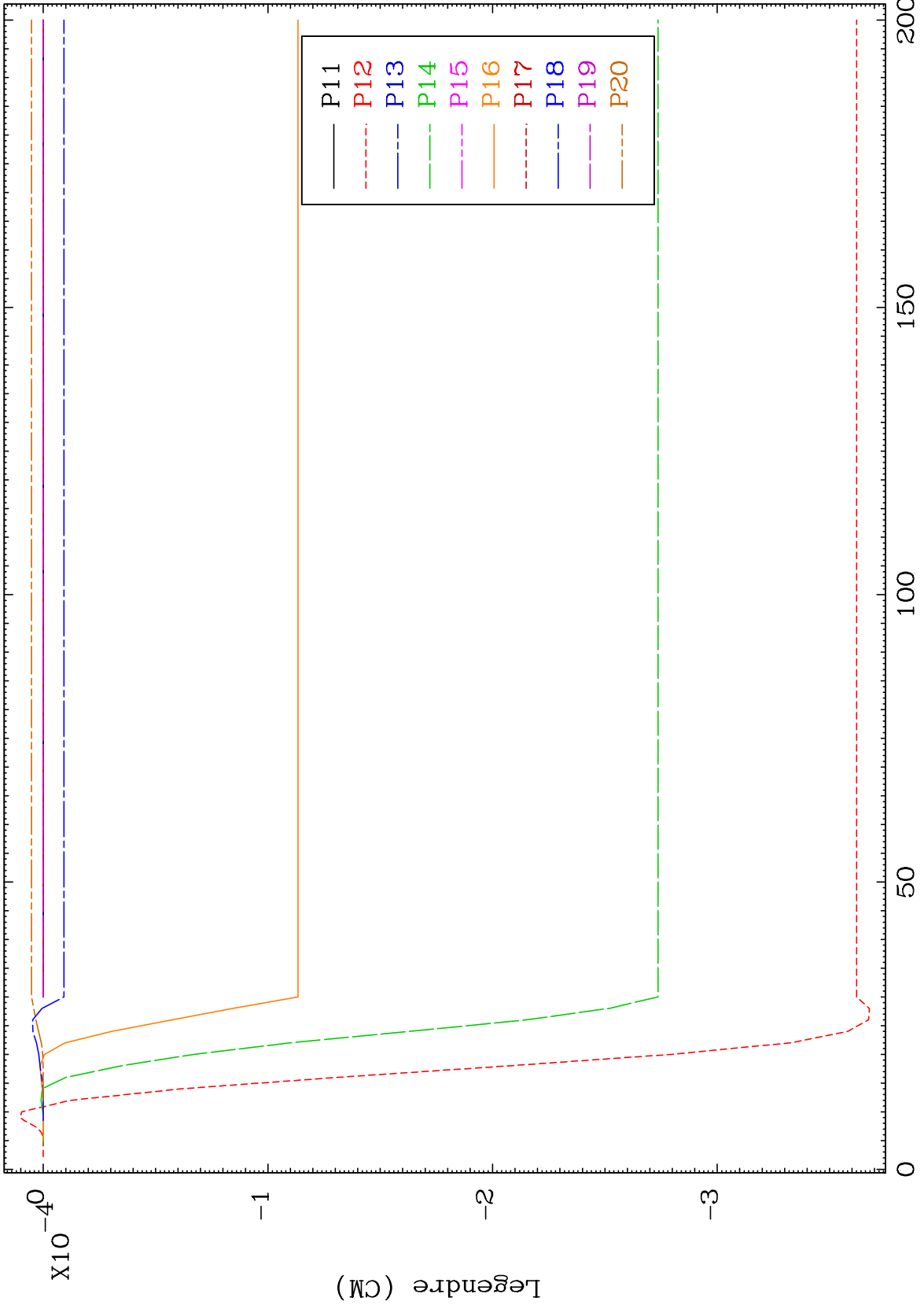
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



47

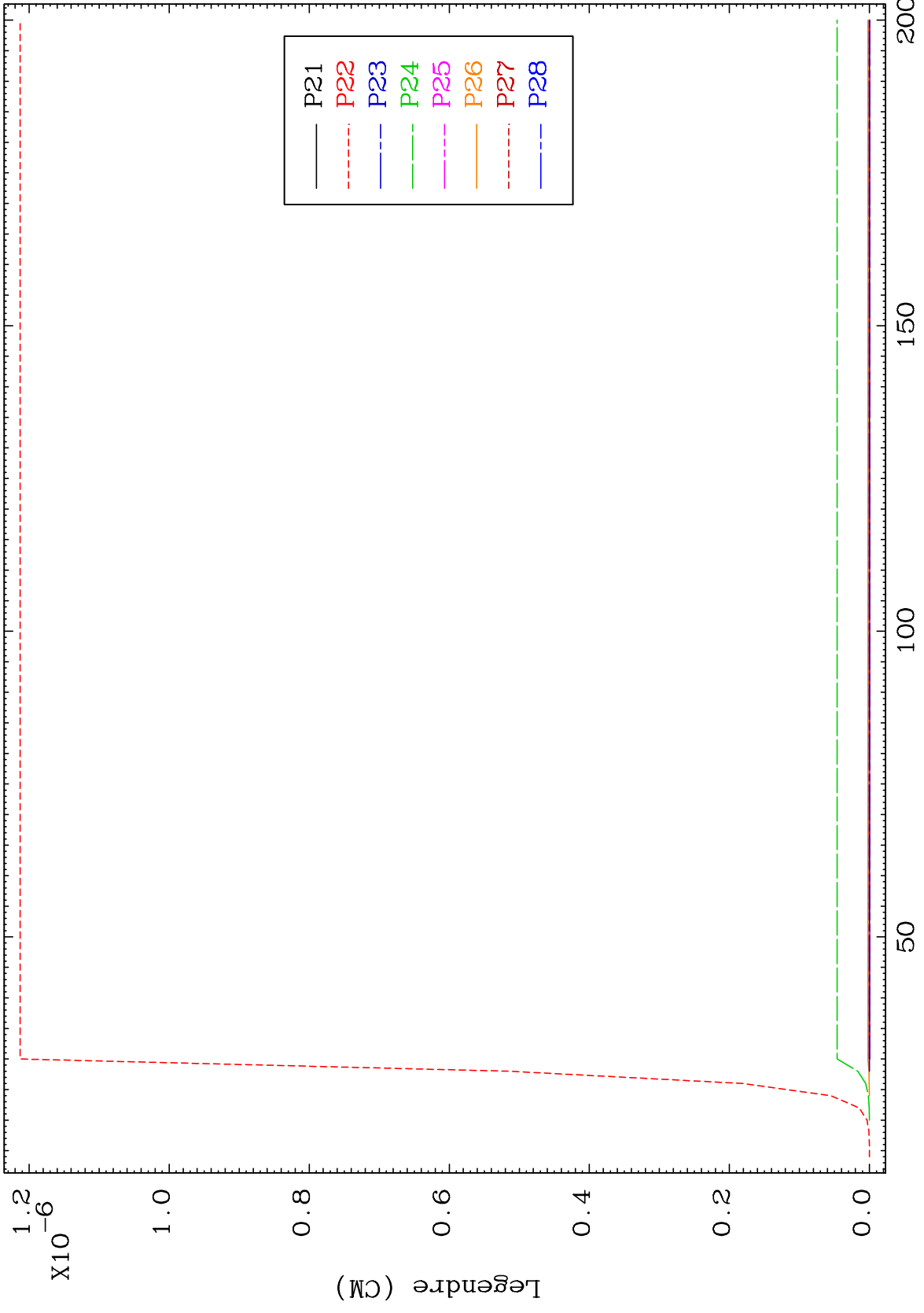
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



48

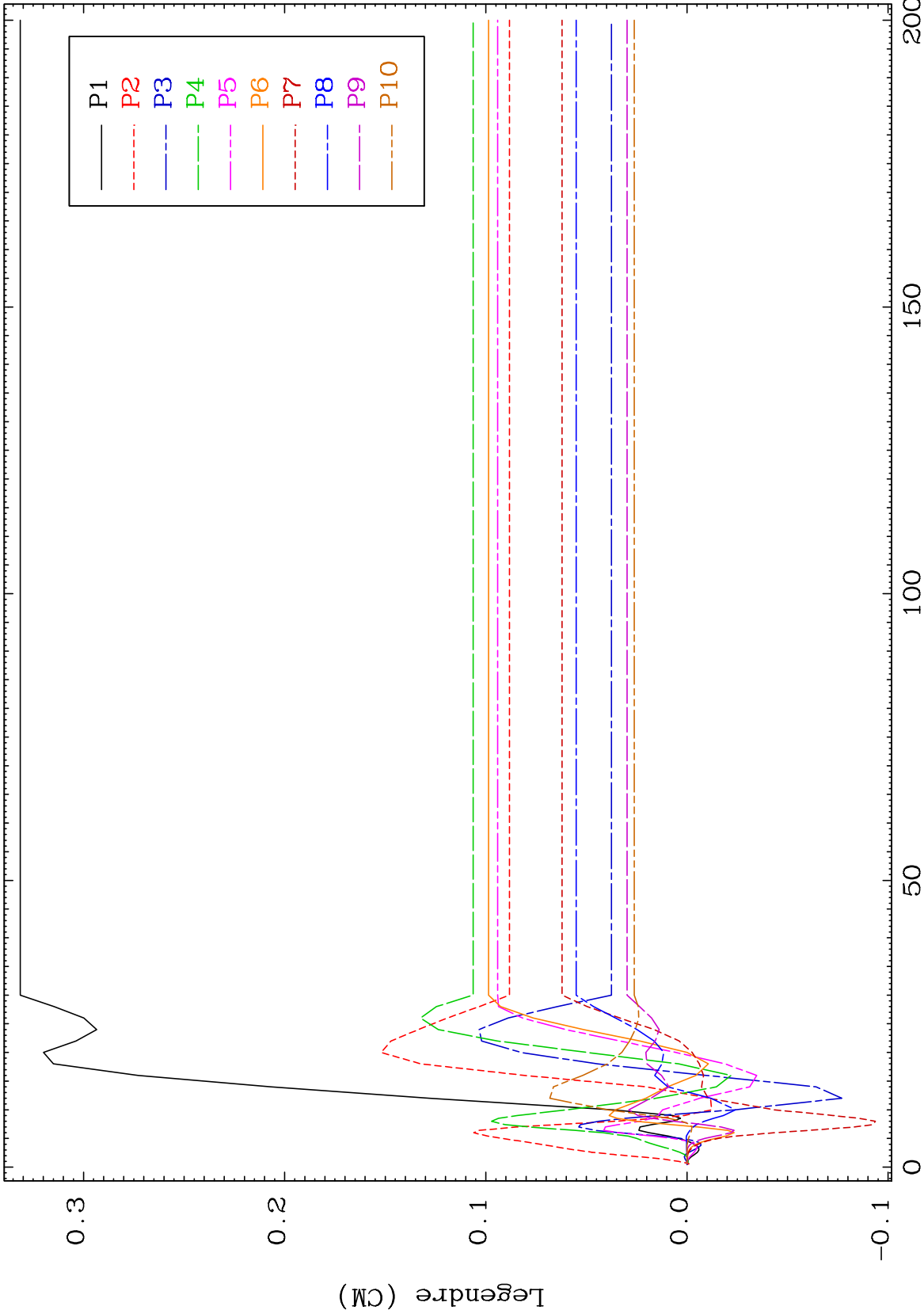
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

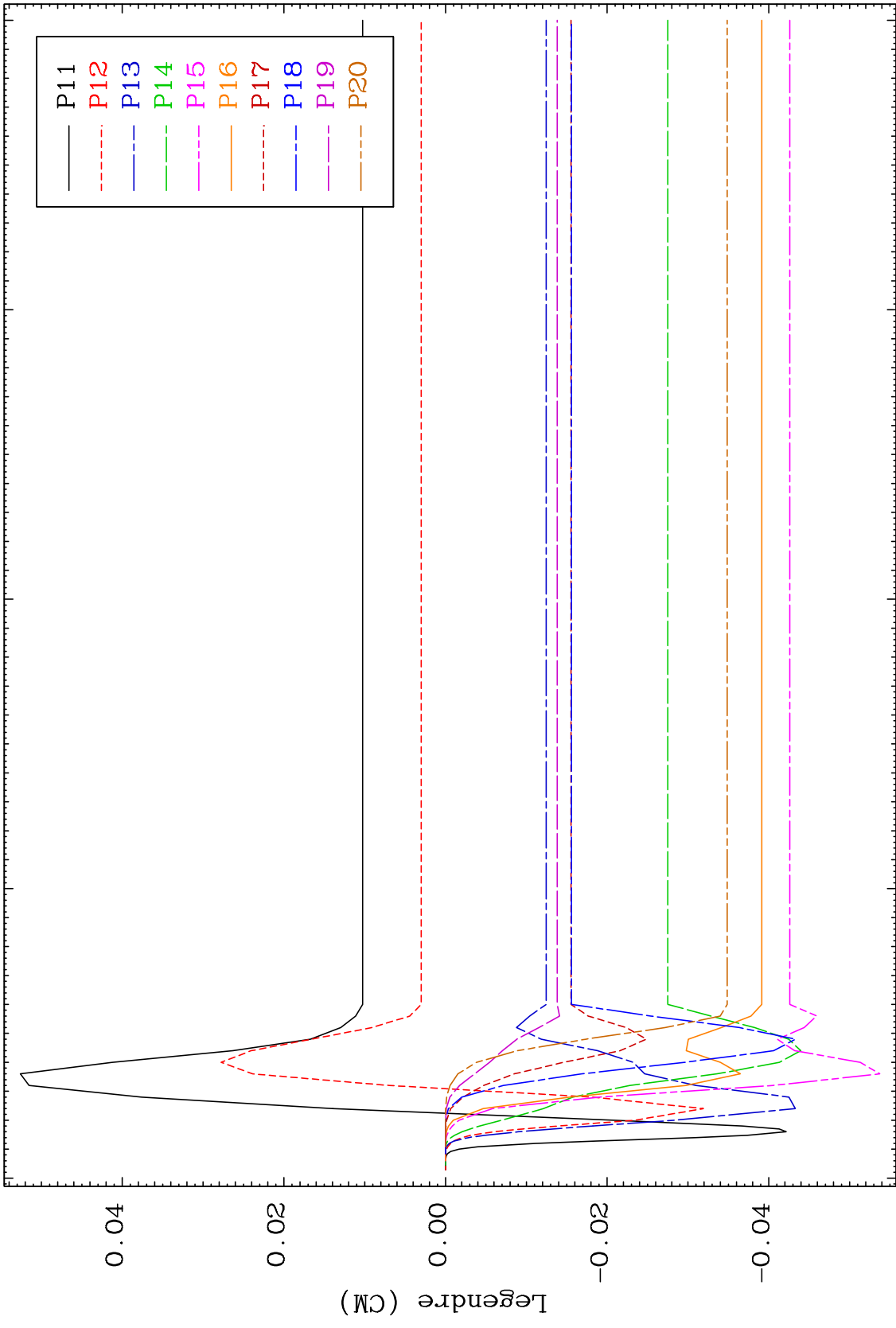


49

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 60 (n,n') Level Legendre Coefficients 81-T1-204

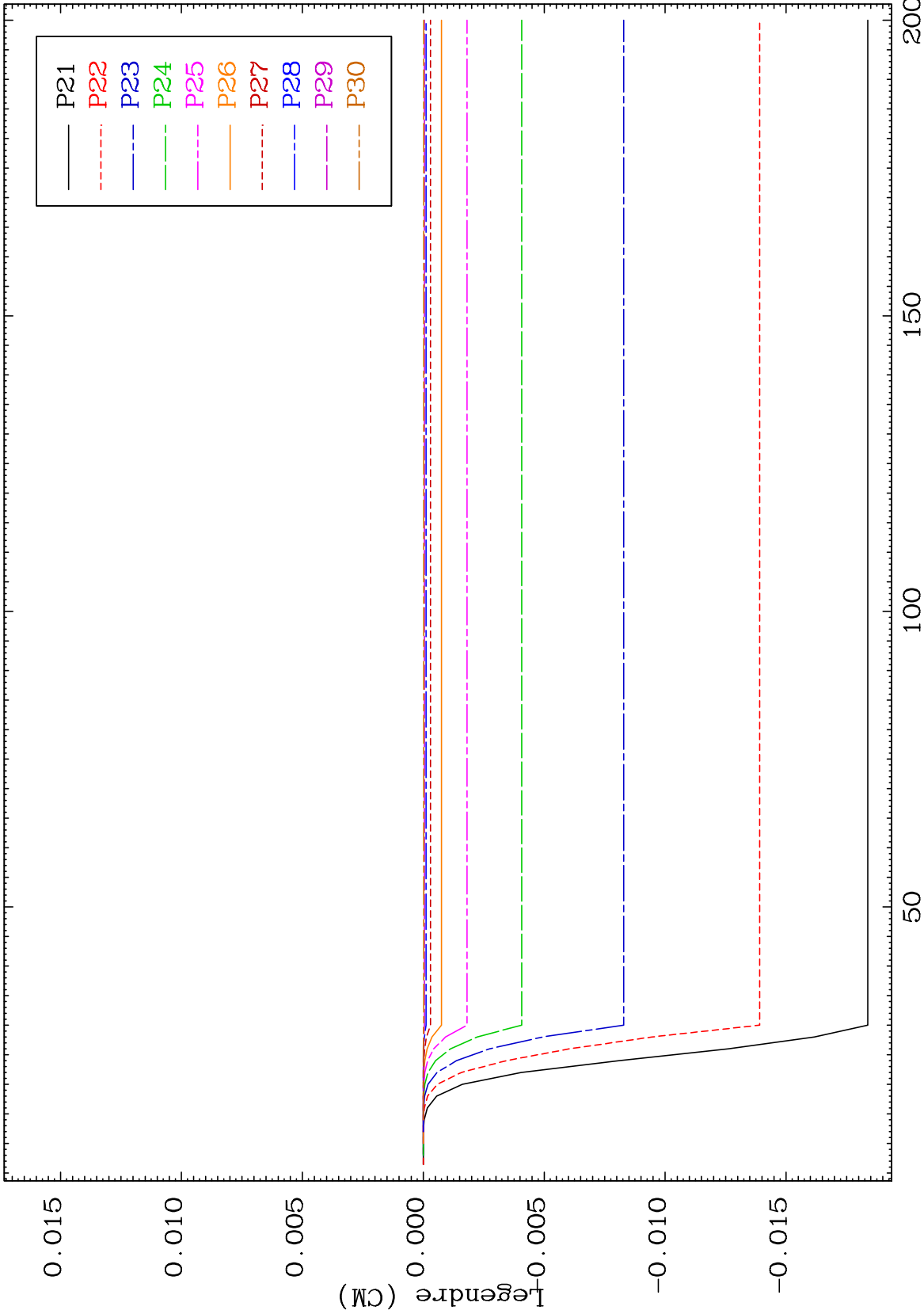


81-T1-204

MAT 8128

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

81-T1-204



51

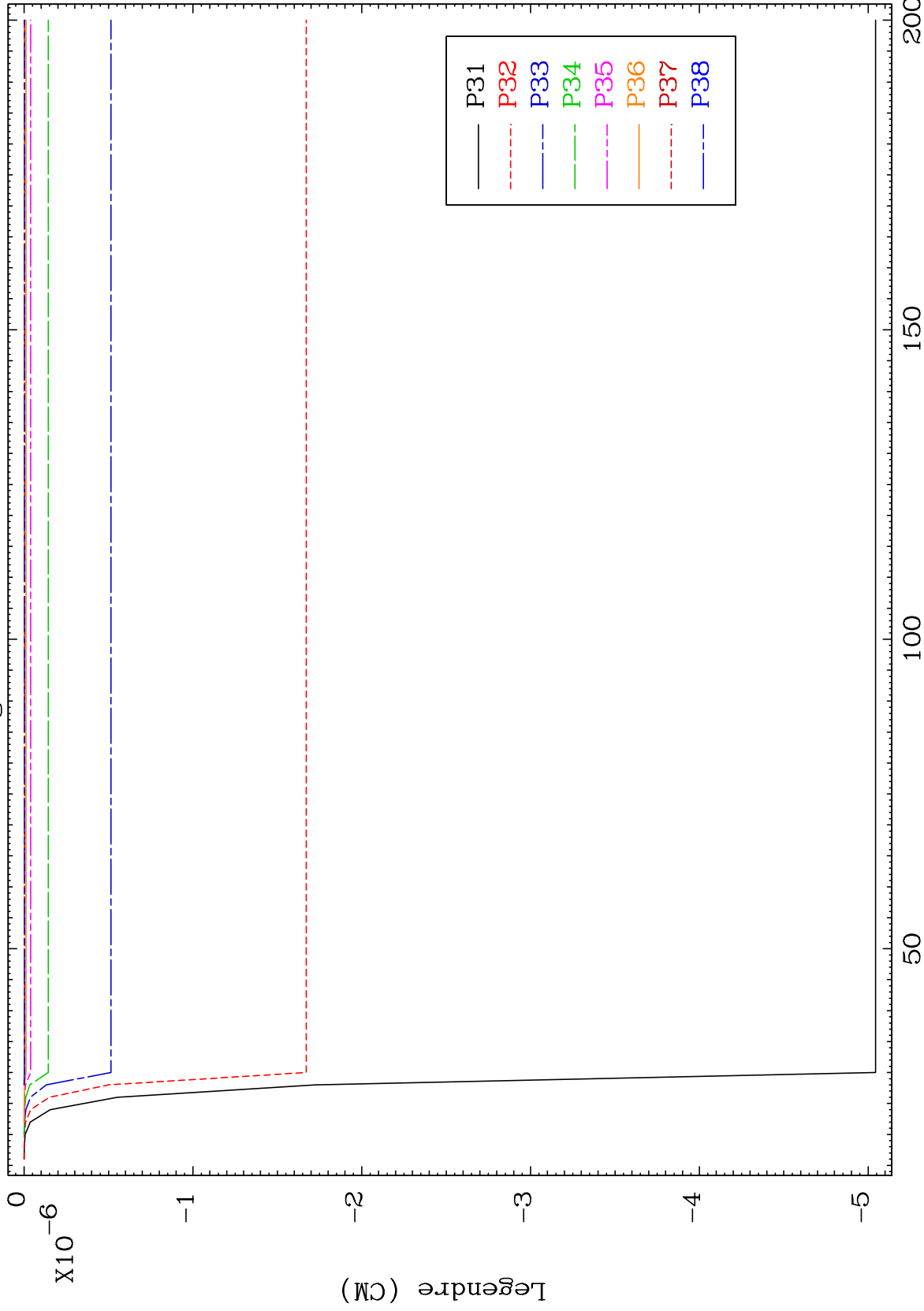
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

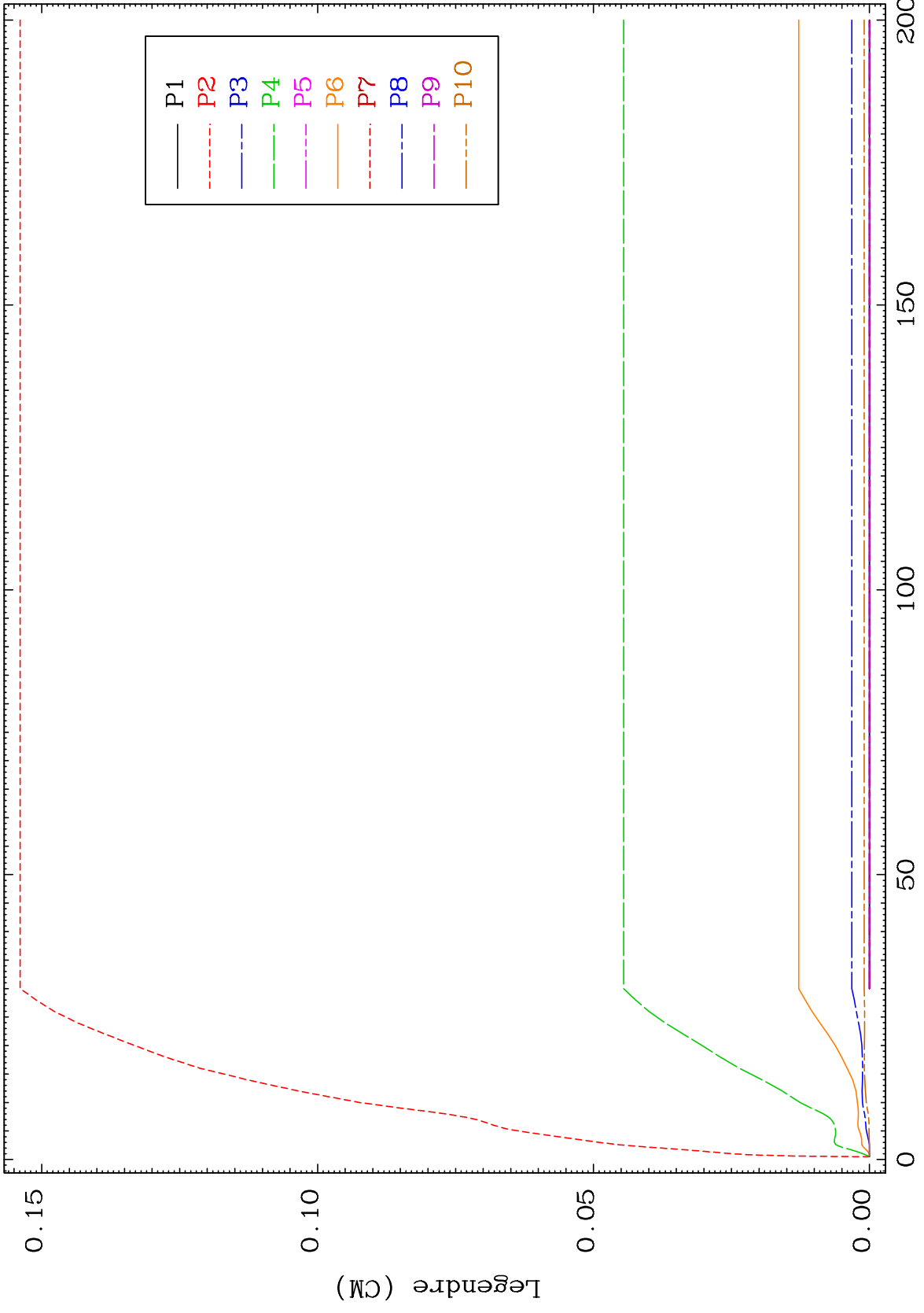


81-T1-204

Incident Energy (MeV)

52

MAT 8128 MT= 61 (n,n') Level Legendre Coefficients 81-T1-204

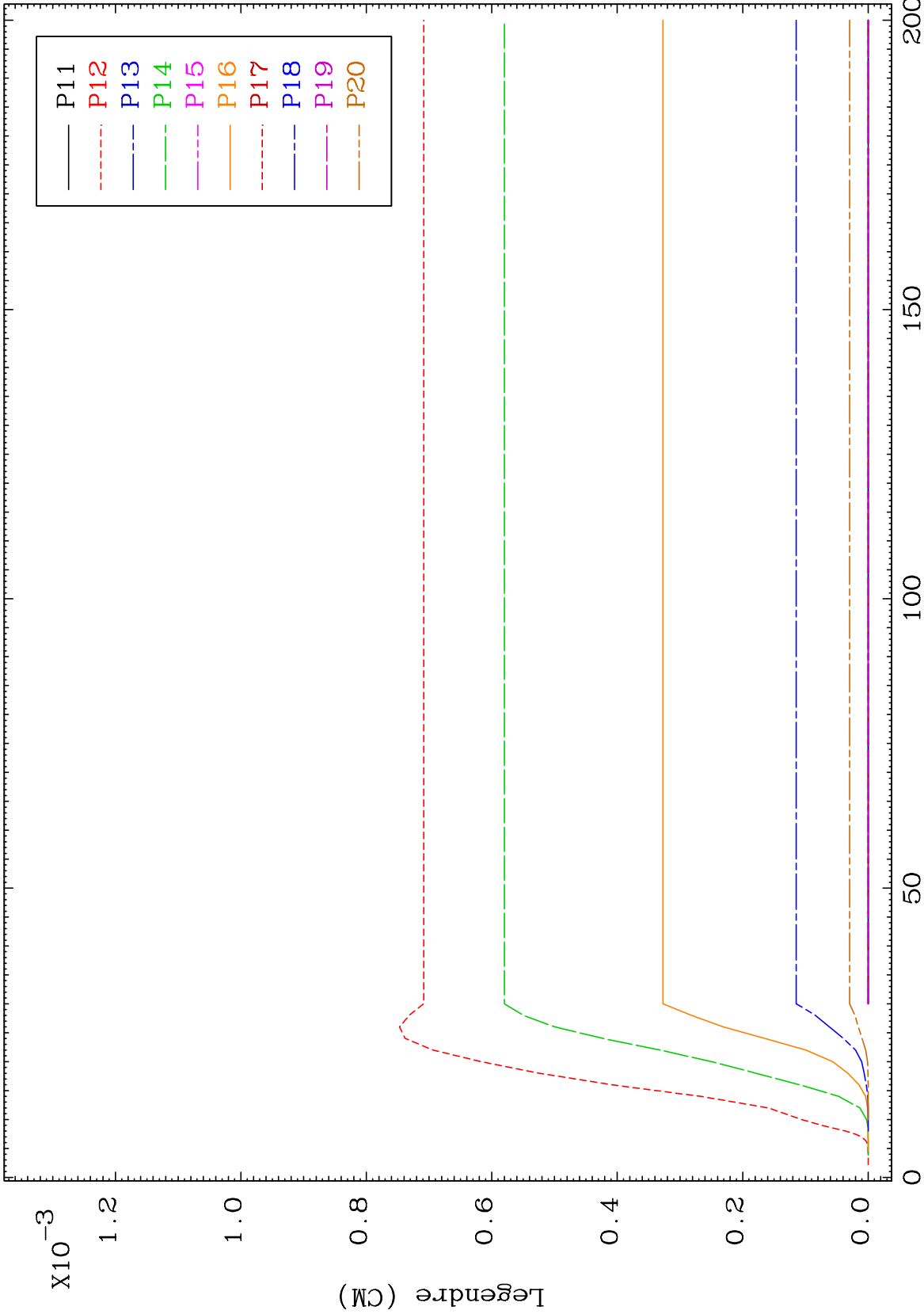


53 81-T1-204

MAT 8128

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

81-T1-204



54

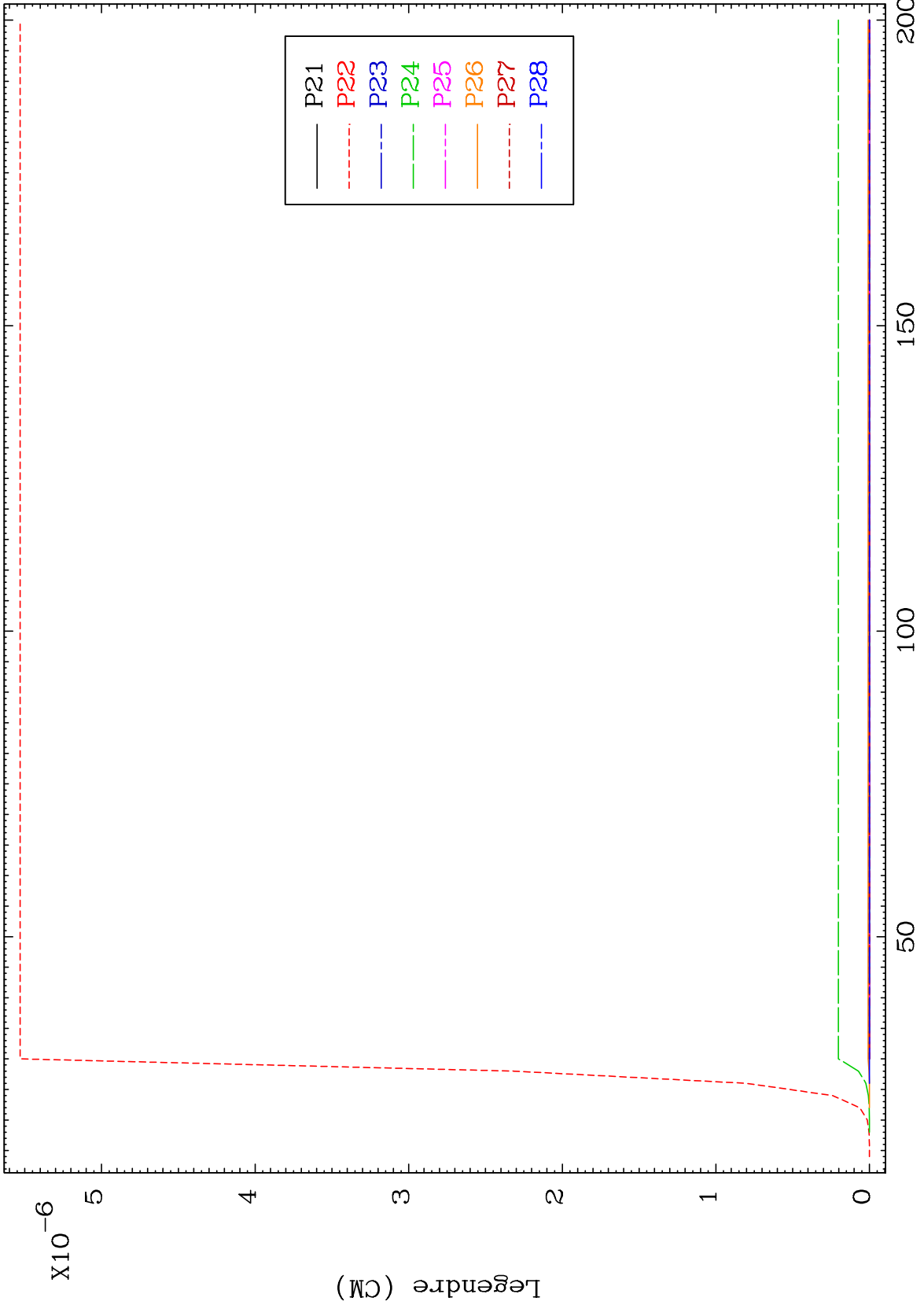
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



55

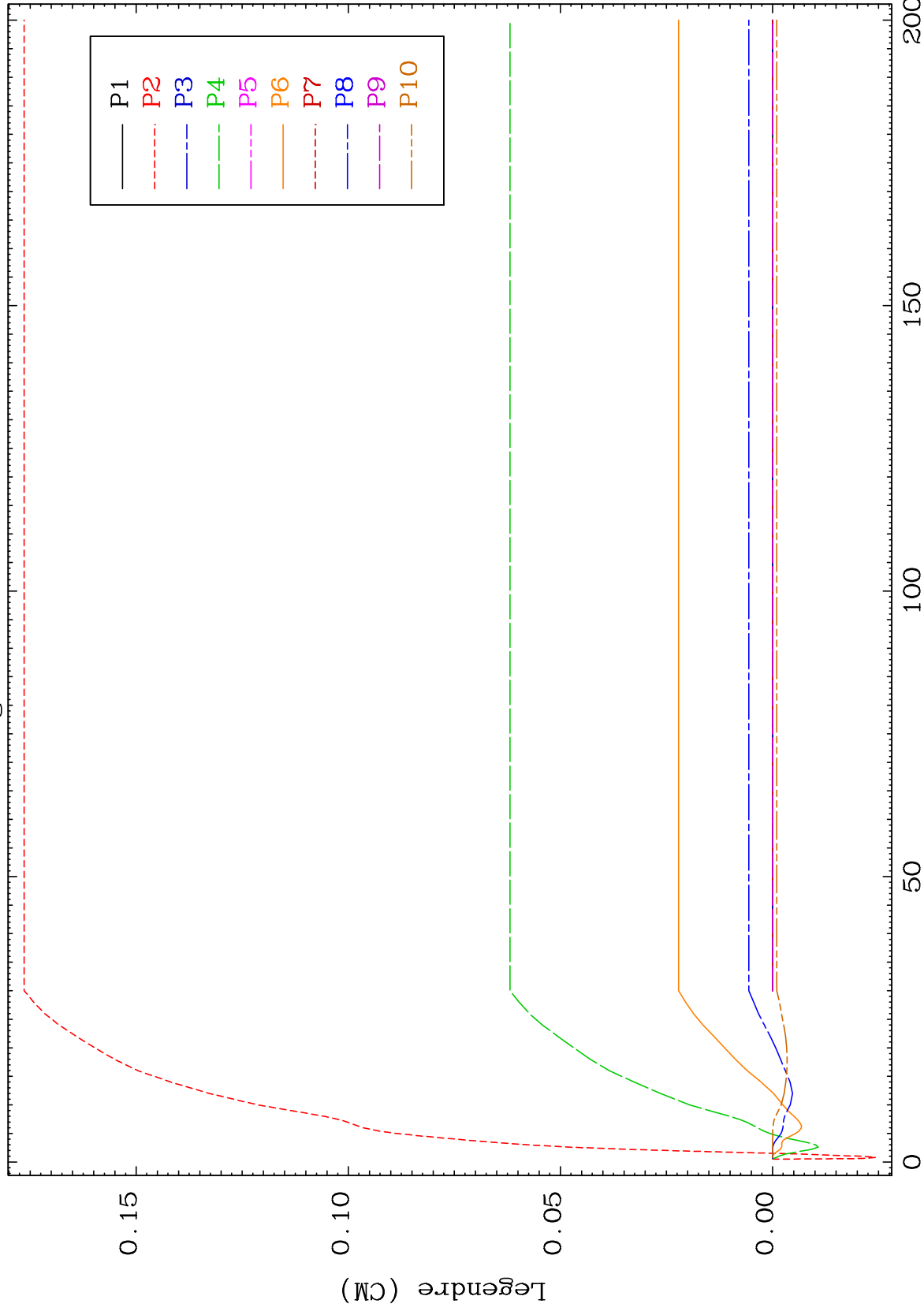
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



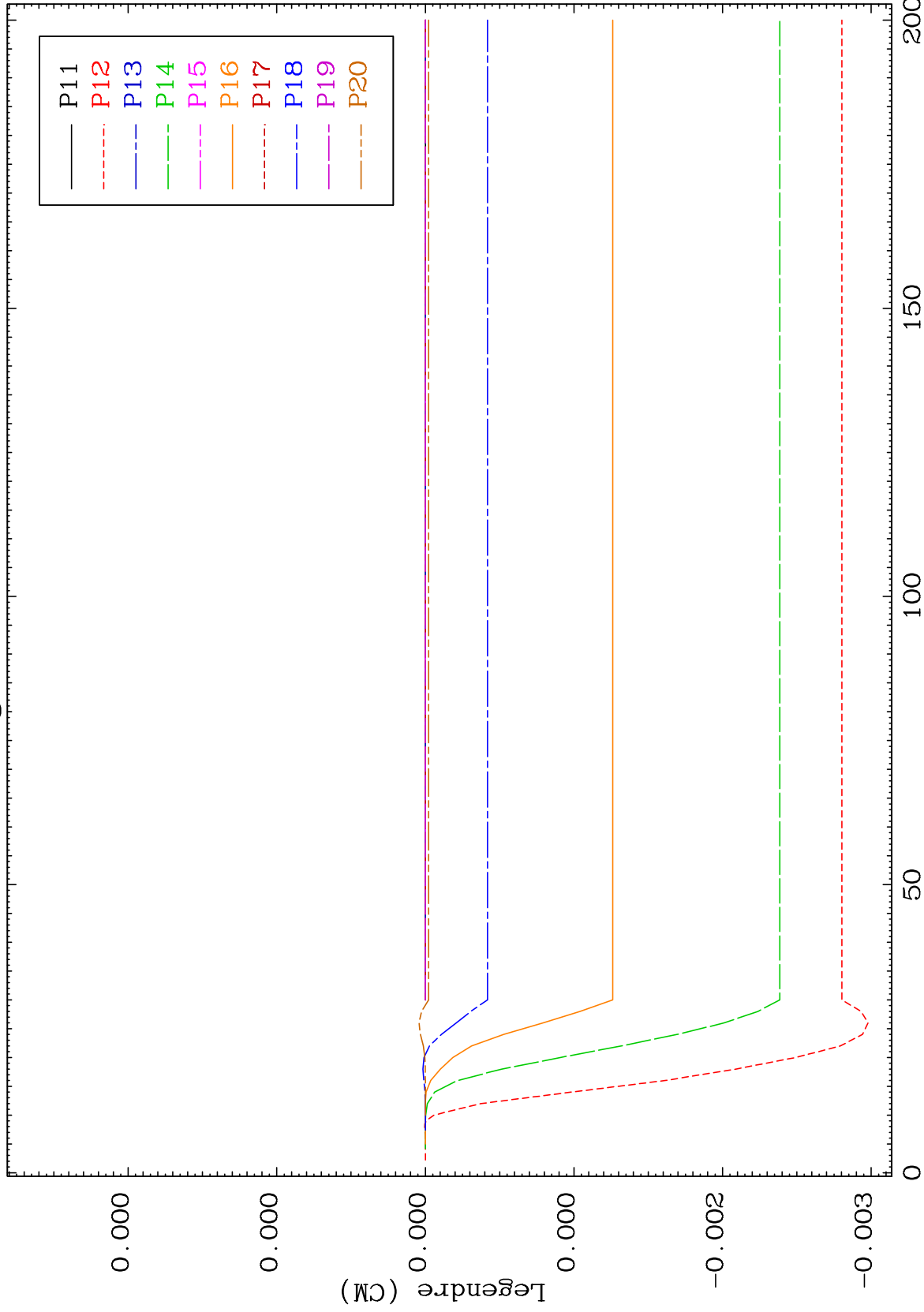
56

81-T1-204

MAT 8128

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

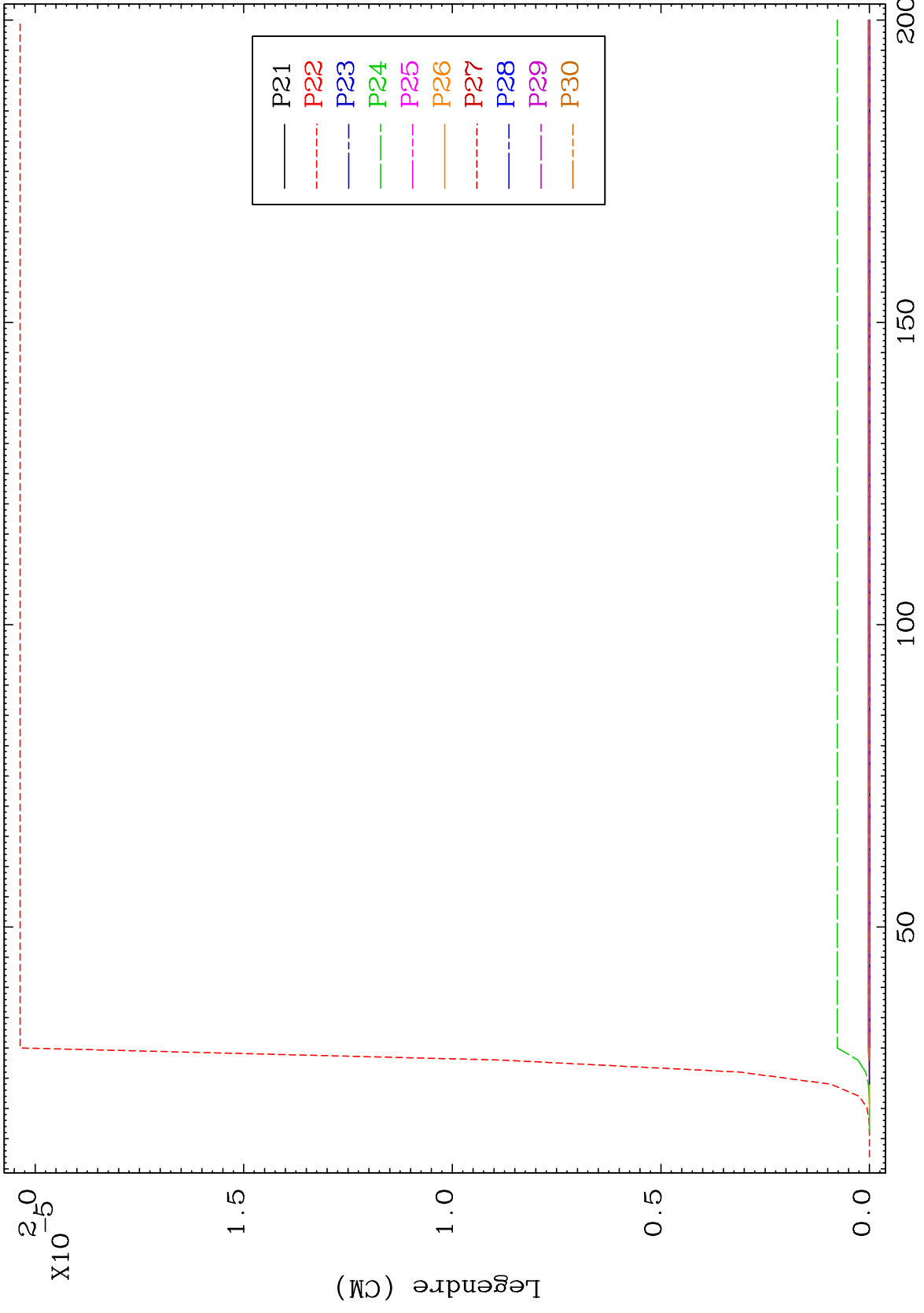
81-T1-204



57

81-T1-204

MAT 8128 MT= 62 (n,n') Level Legendre Coefficients 81-T1-204

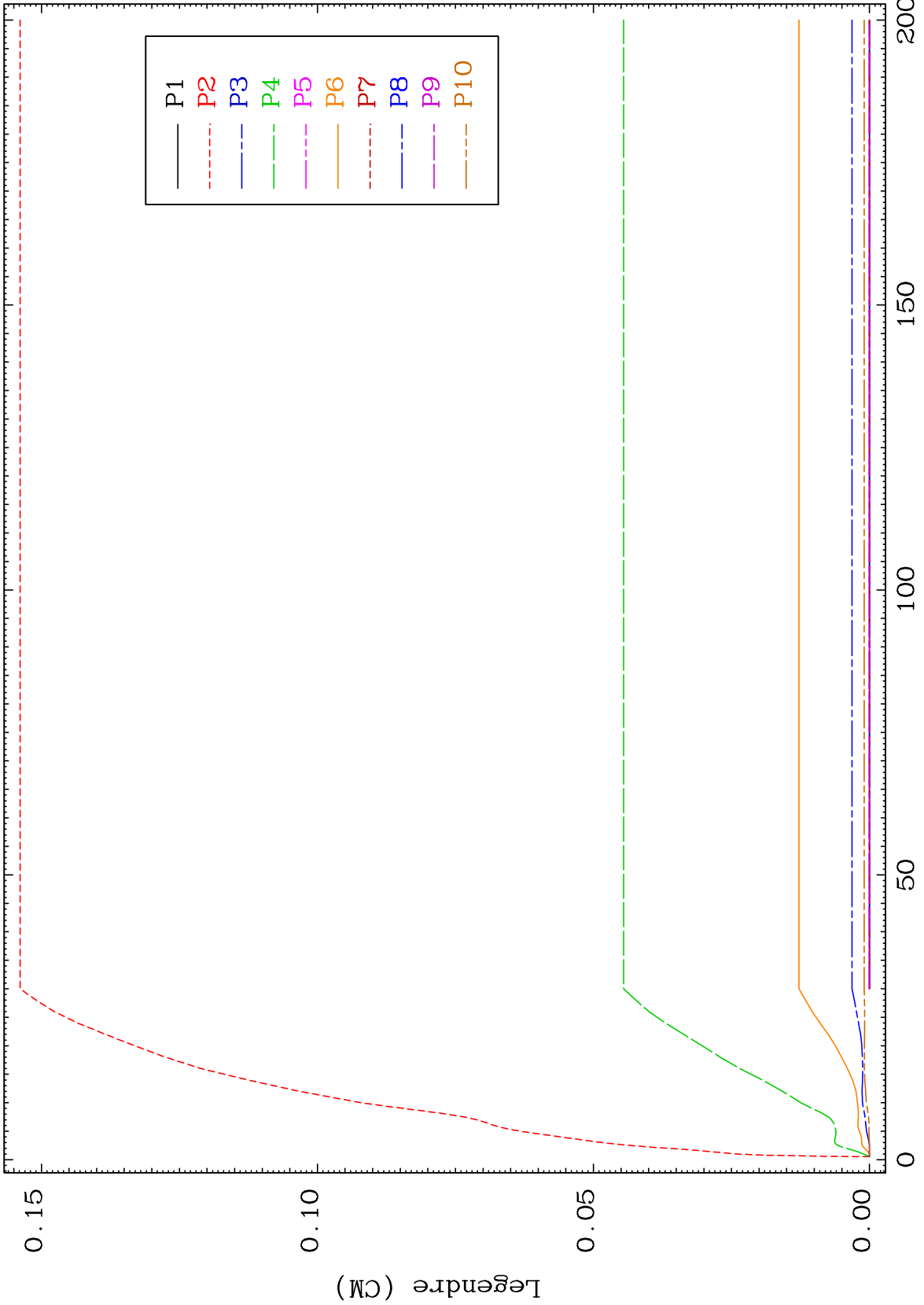


58 81-T1-204

MAT 8128

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

81-T1-204



59

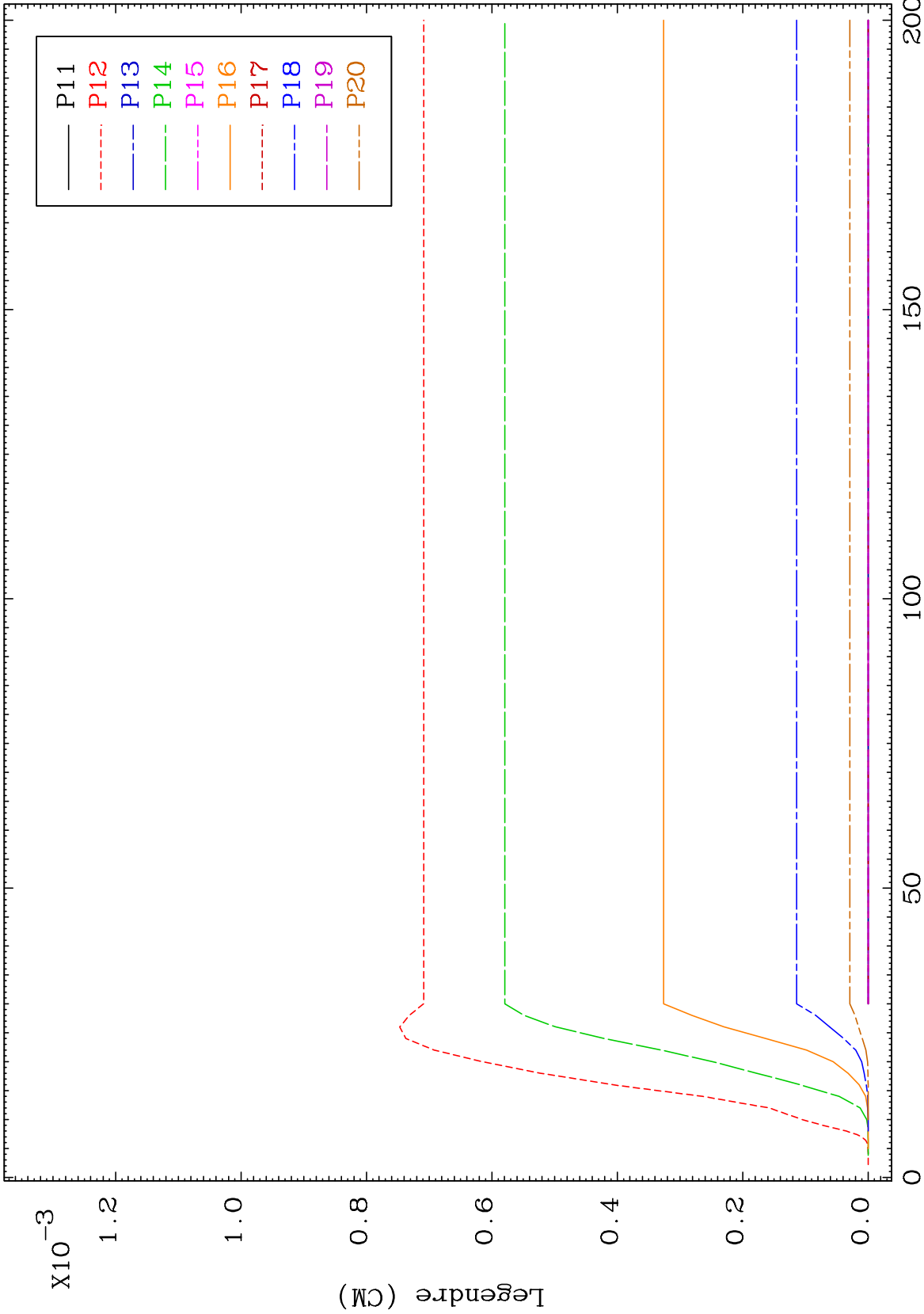
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



60

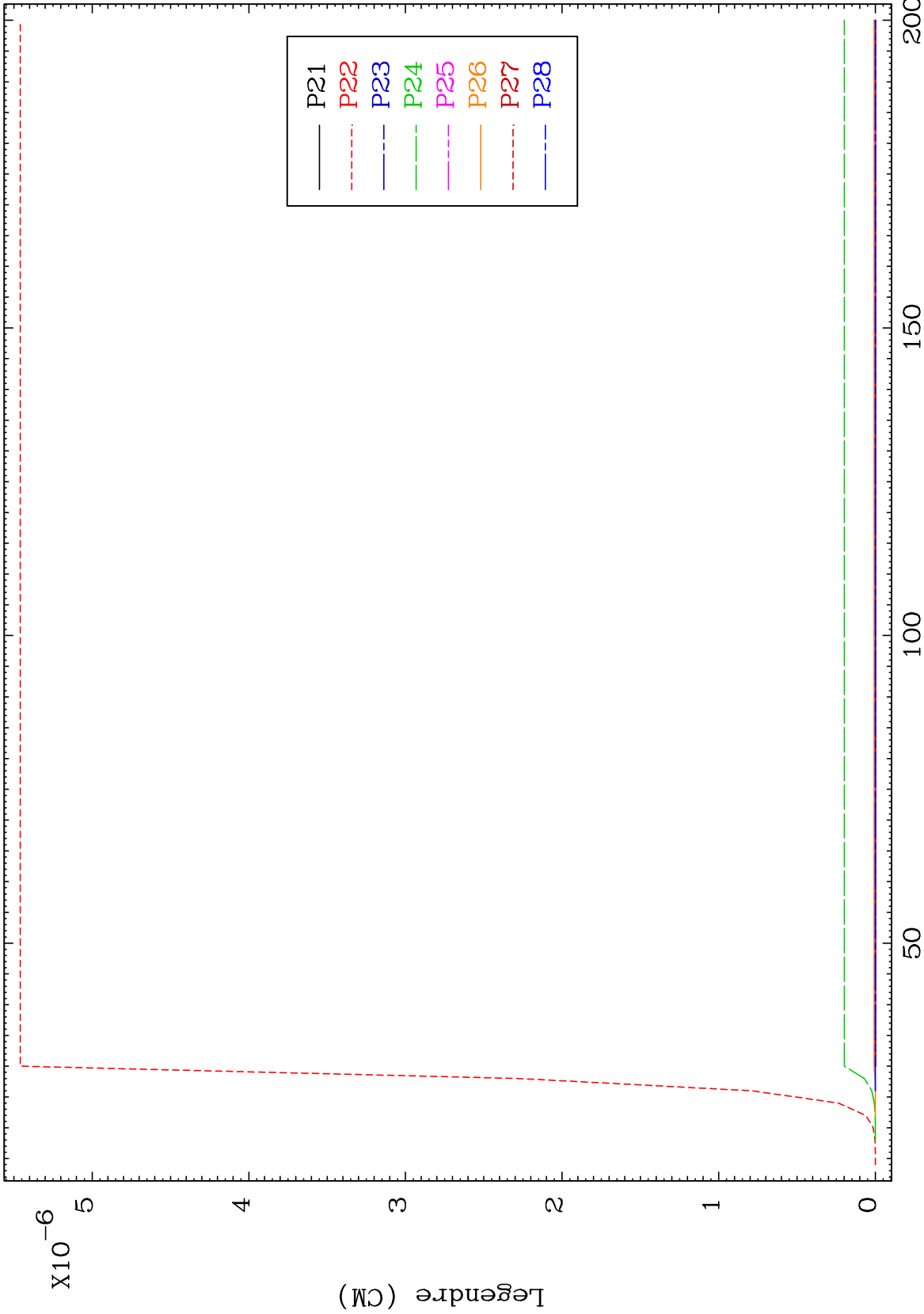
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

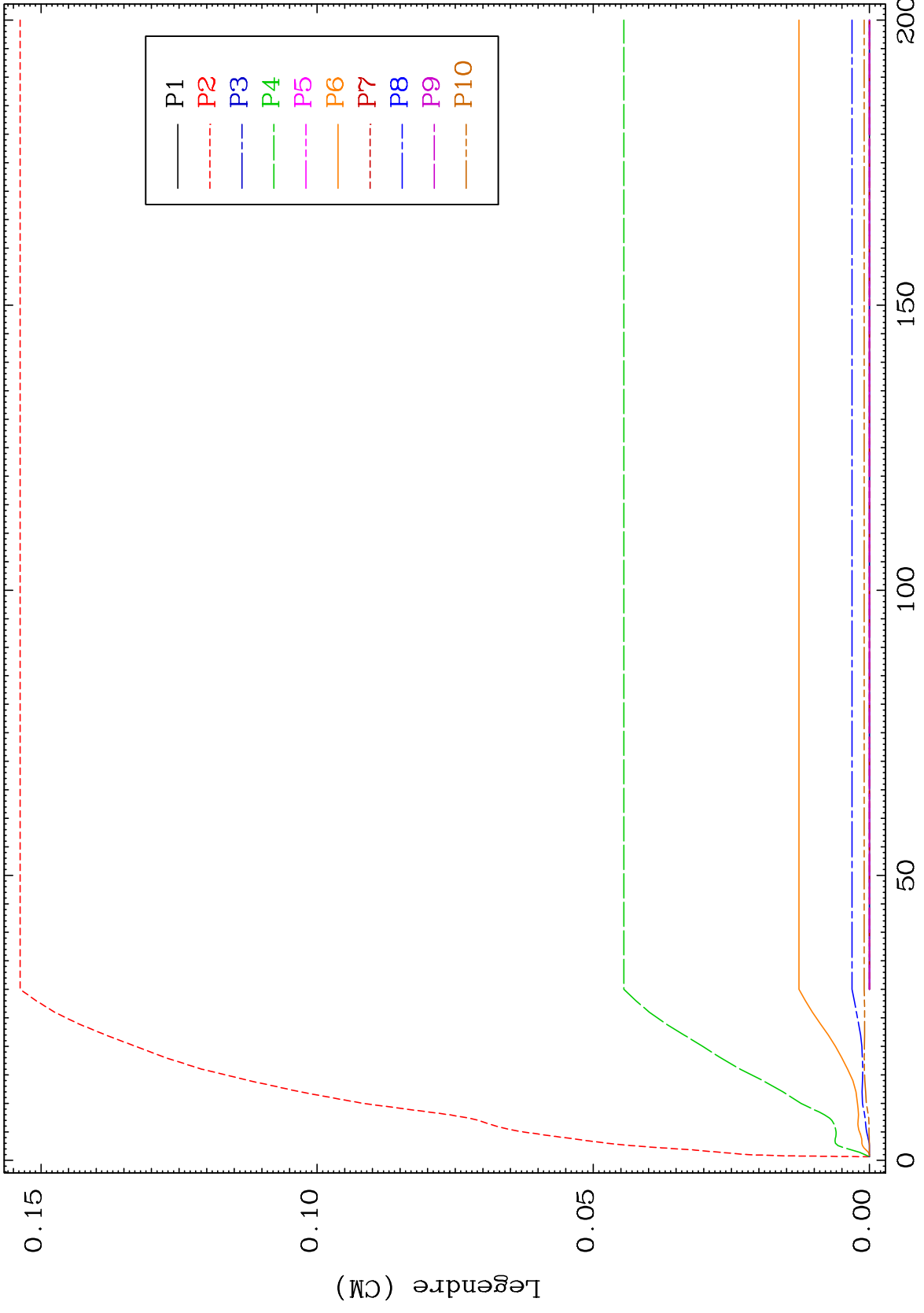


61

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 64 (n,n') Level Legendre Coefficients 81-T1-204

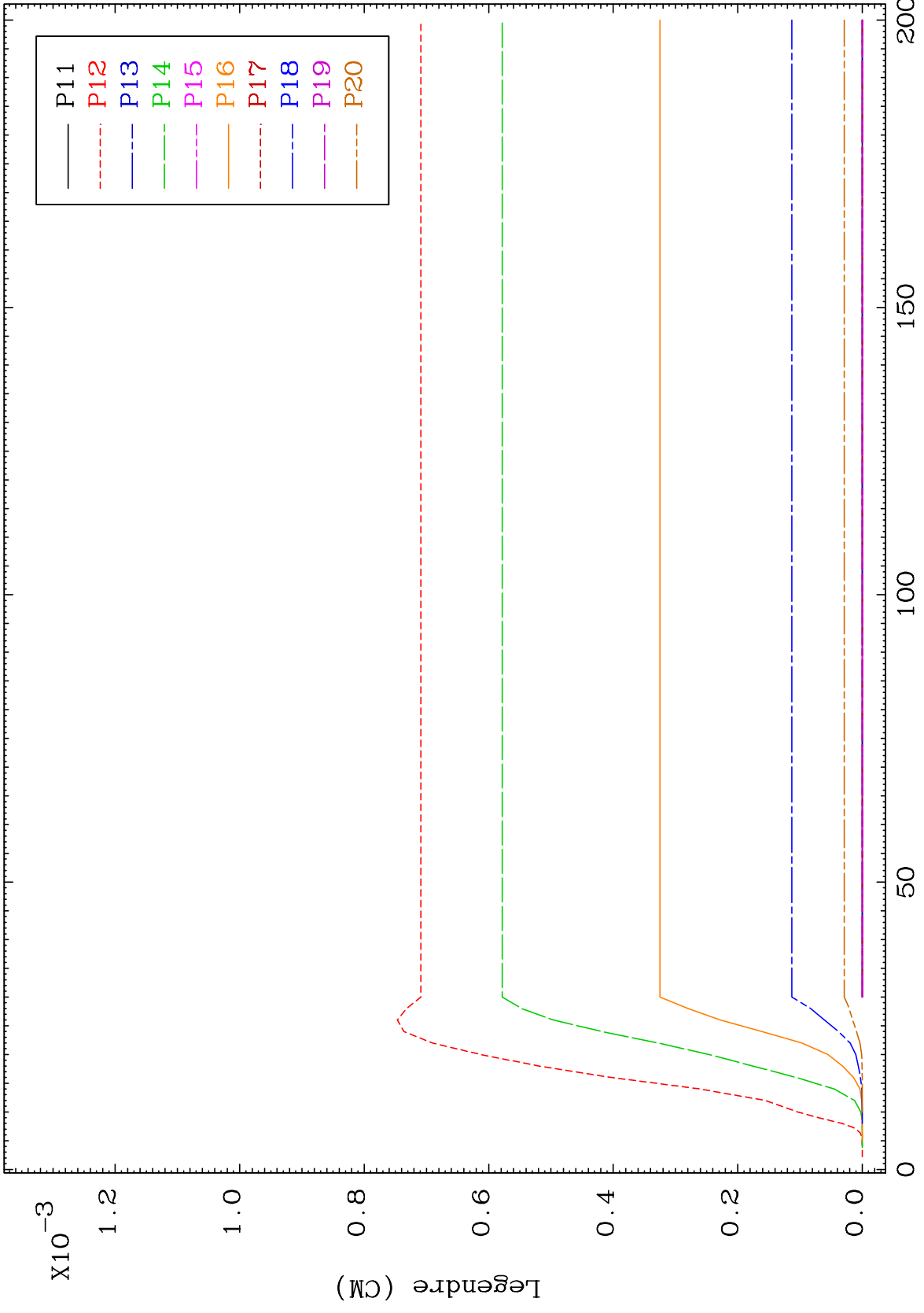


62 81-T1-204

MAT 8128

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

81-T1-204



63

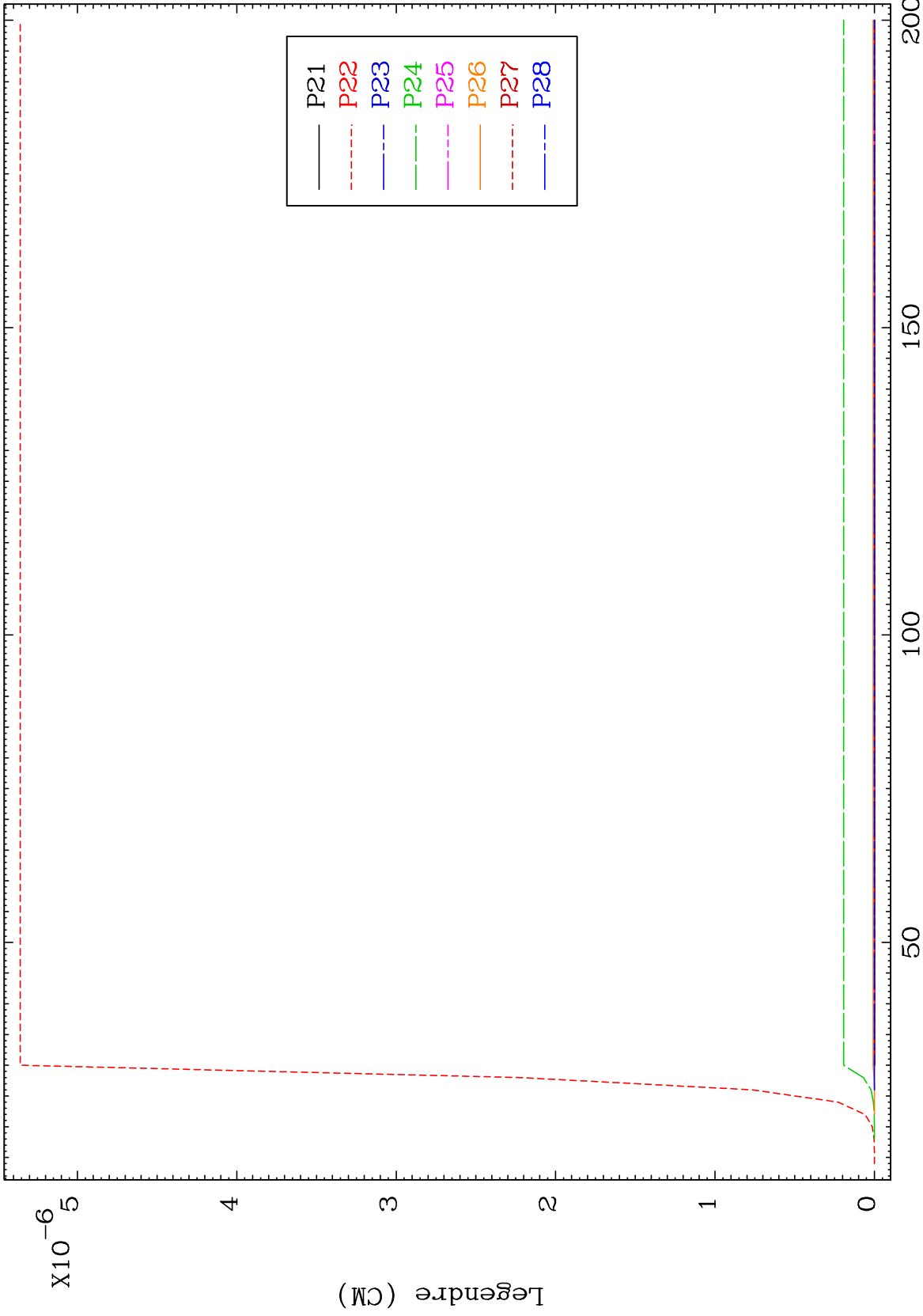
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

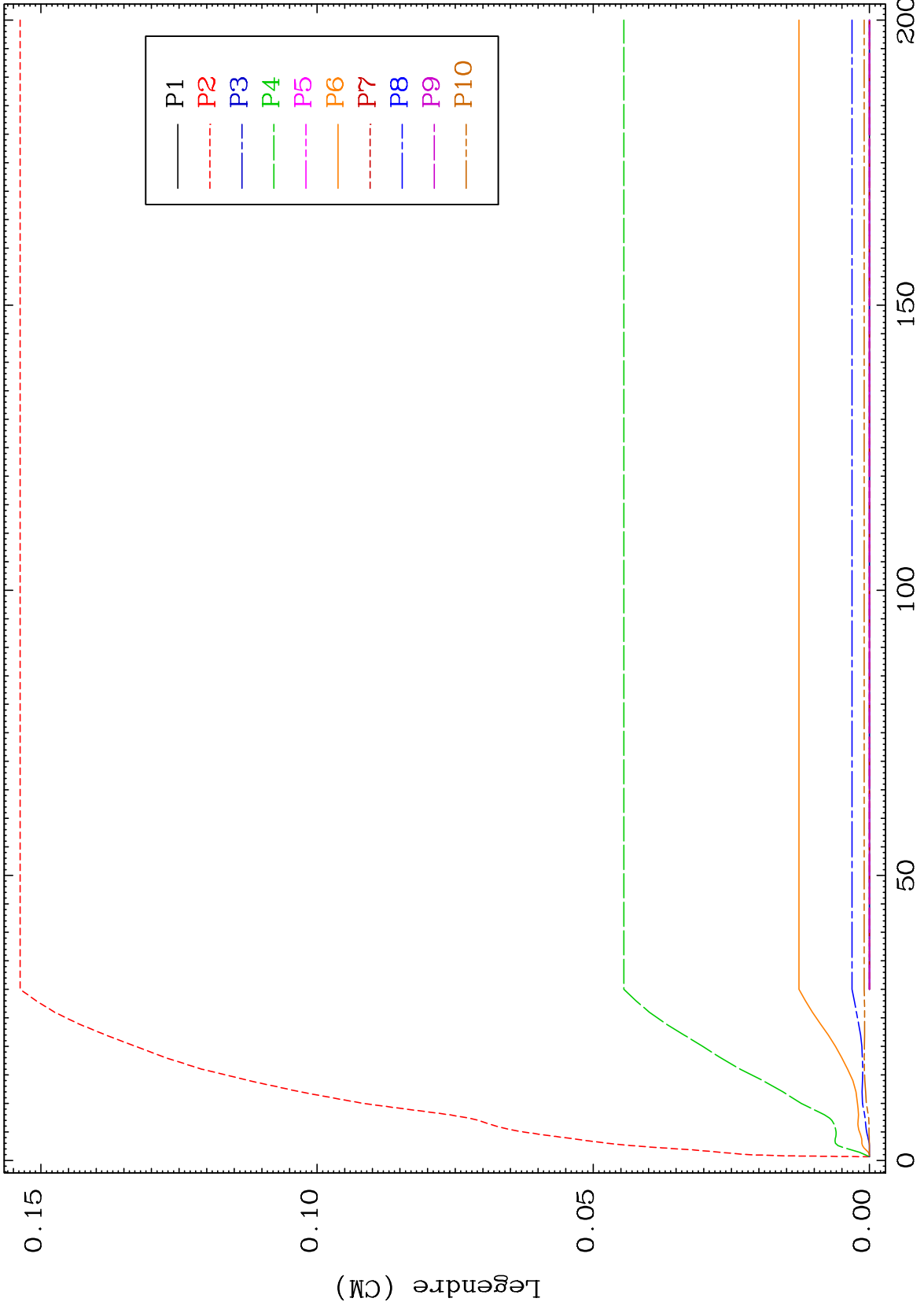


64

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 65 (n,n') Level Legendre Coefficients 81-T1-204

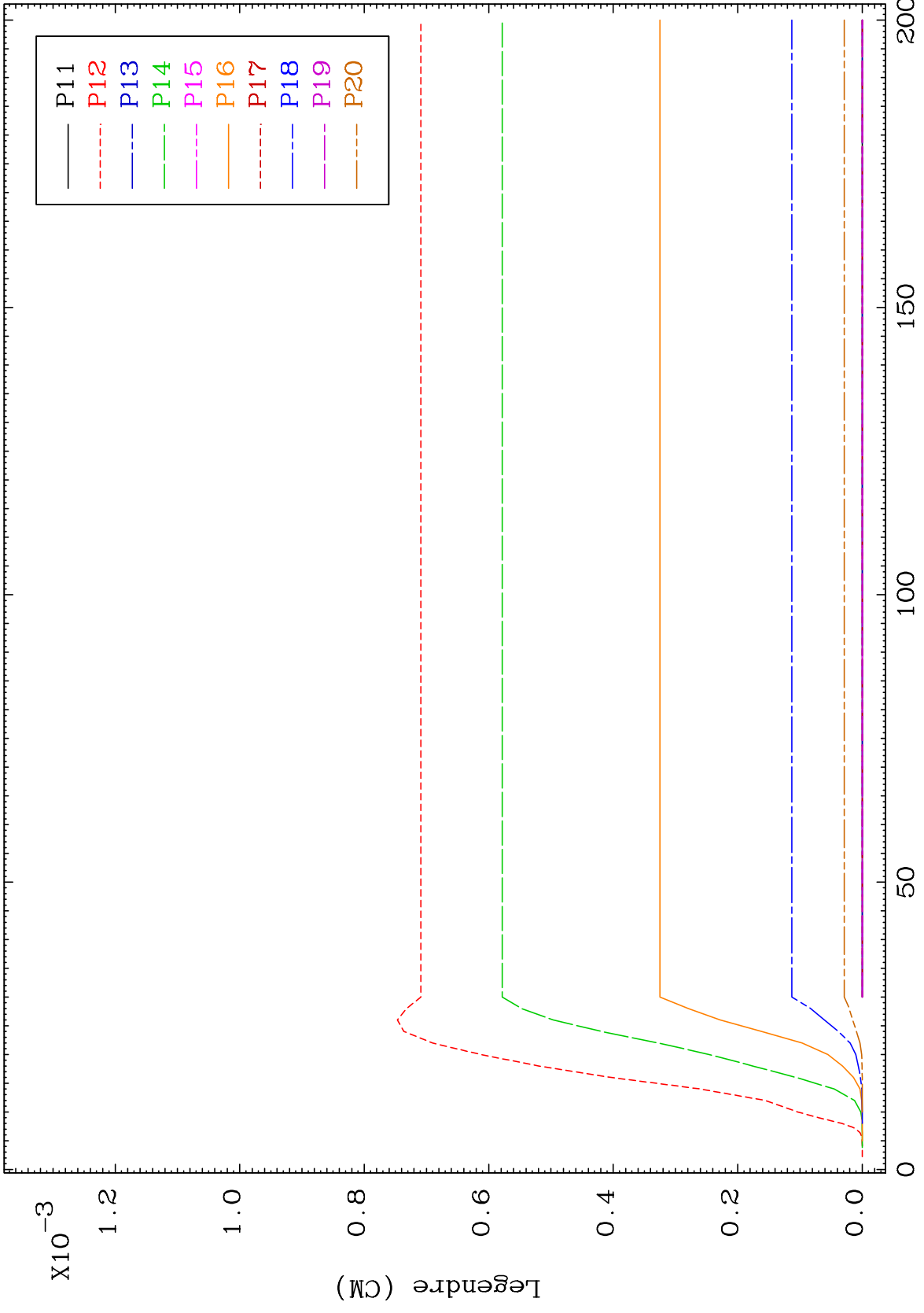


Legendre (CM) Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204



66

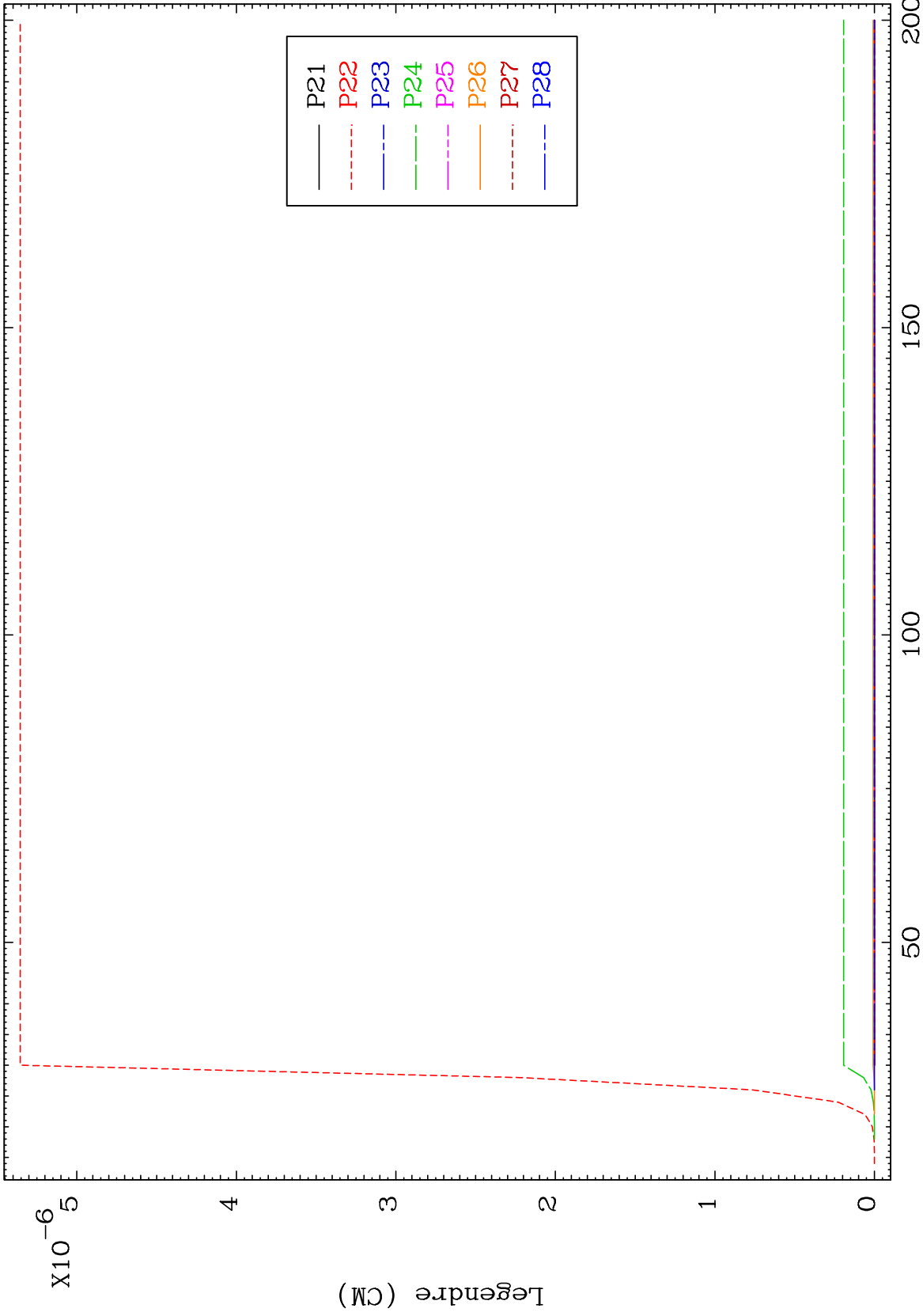
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

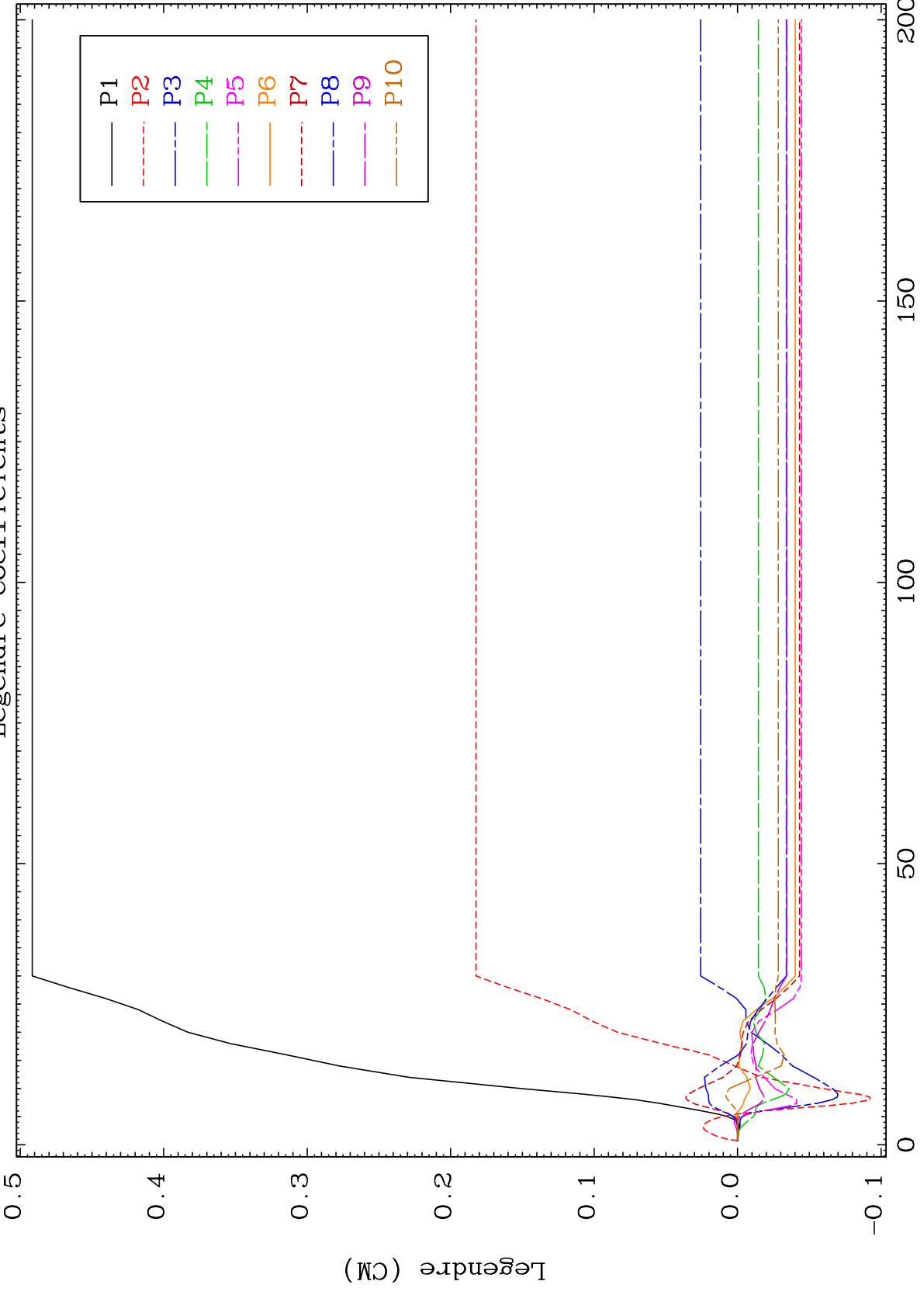


67

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 66 (n,n') Level Legendre Coefficients 81-T1-204

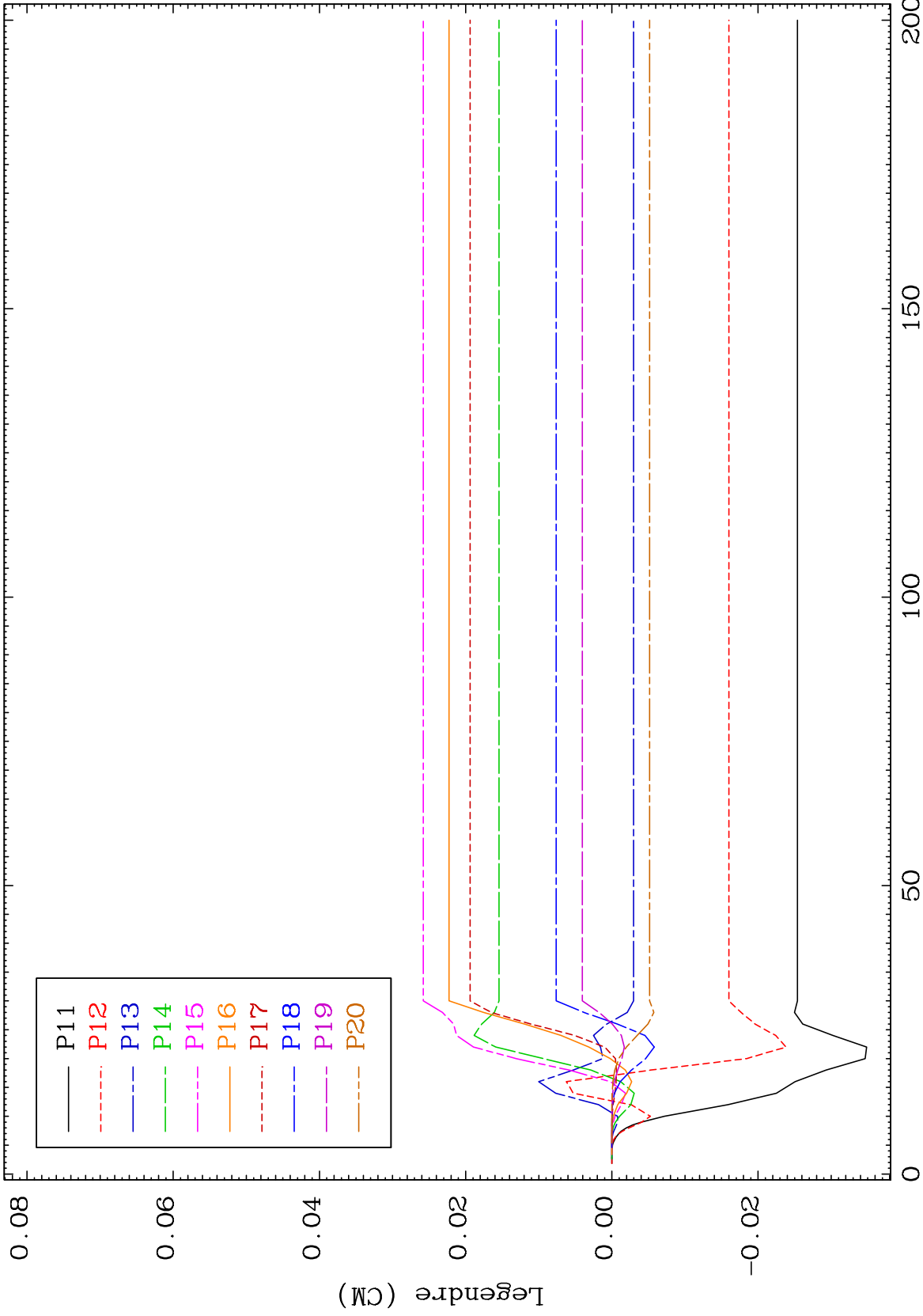


Legendre (CM) Incident Energy (MeV) 68 81-T1-204

MAT 8128

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

81-T1-204



69

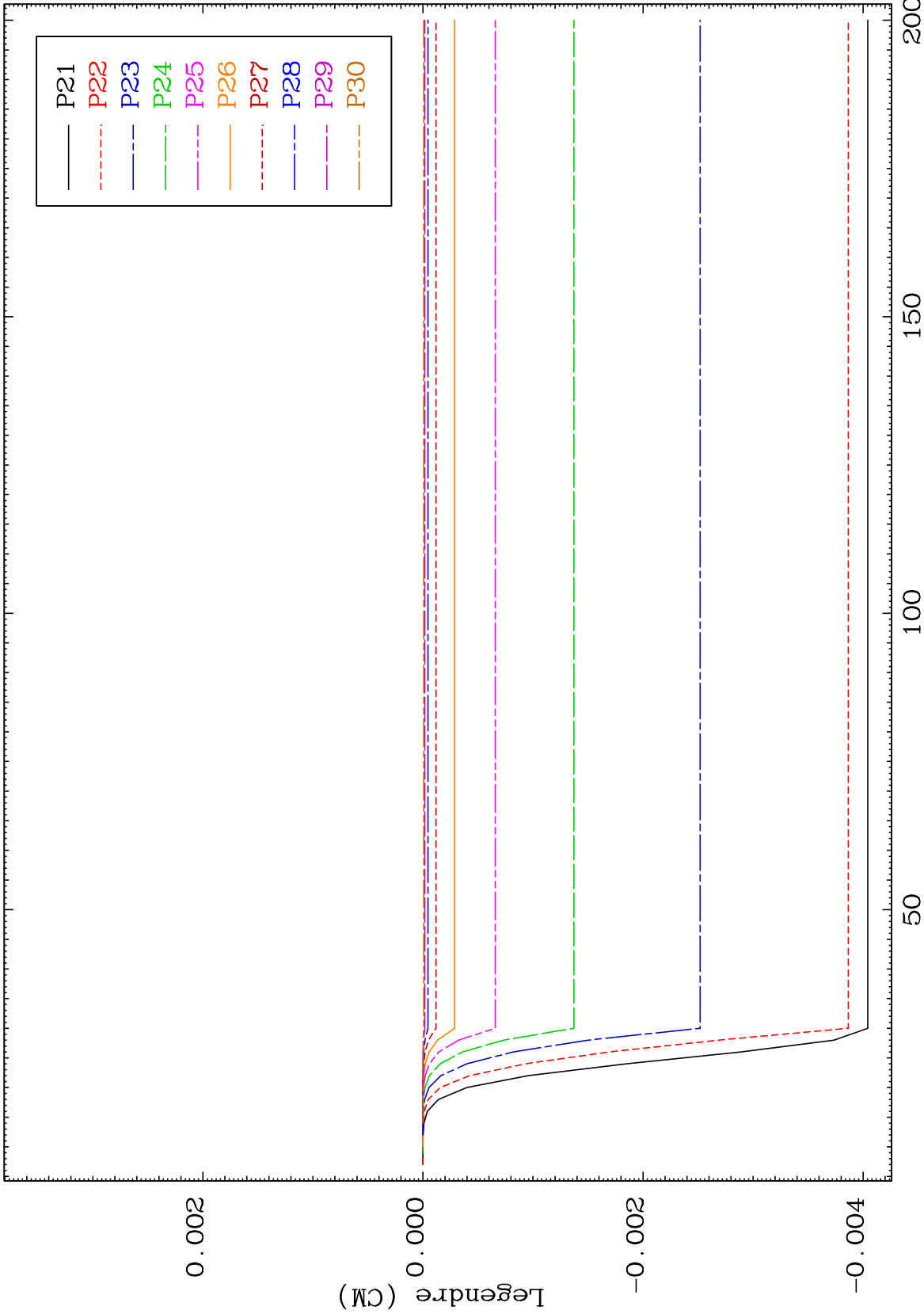
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



70

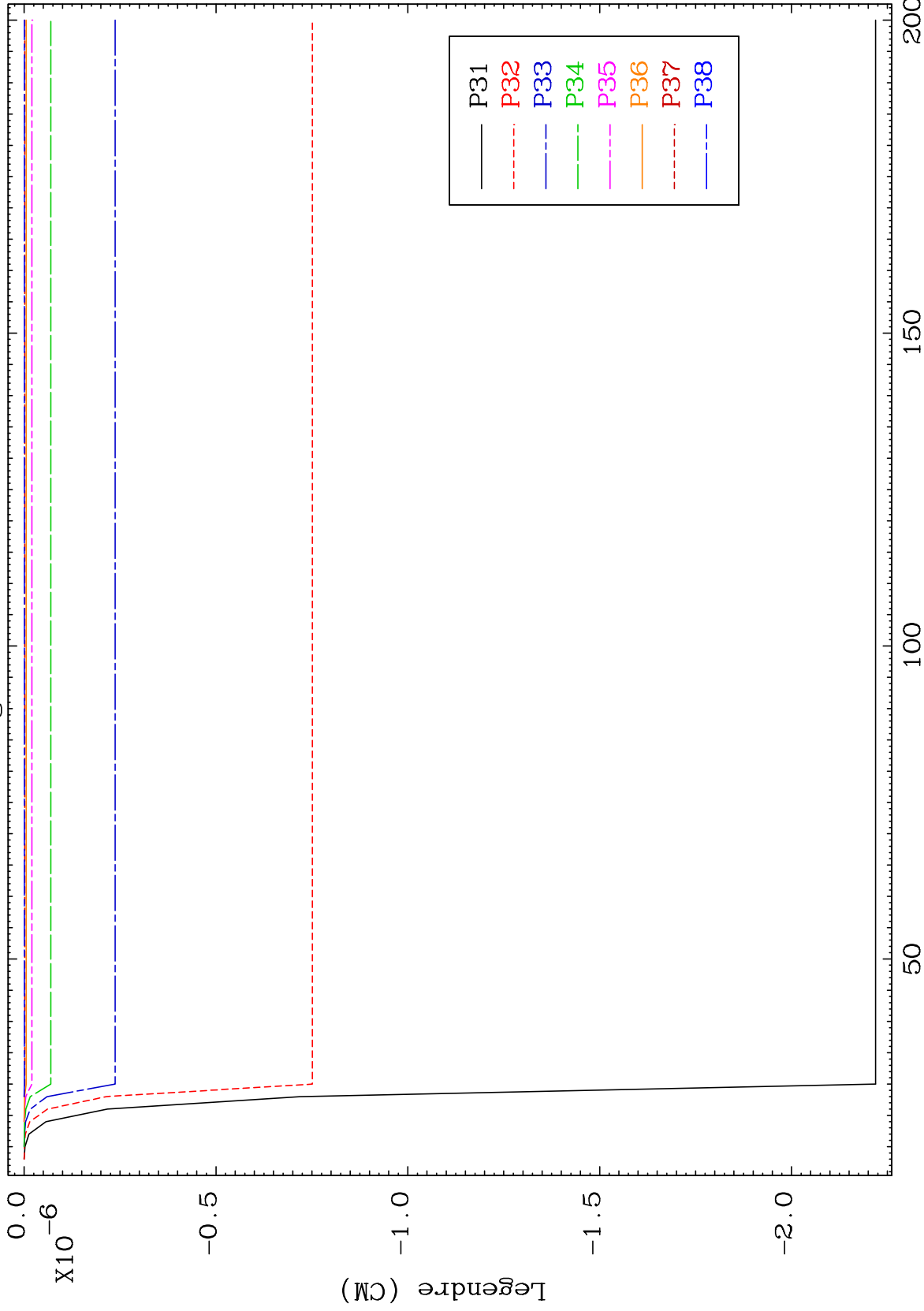
Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 66 (n,n') Level

81-T1-204

Legendre Coefficients



81-T1-204

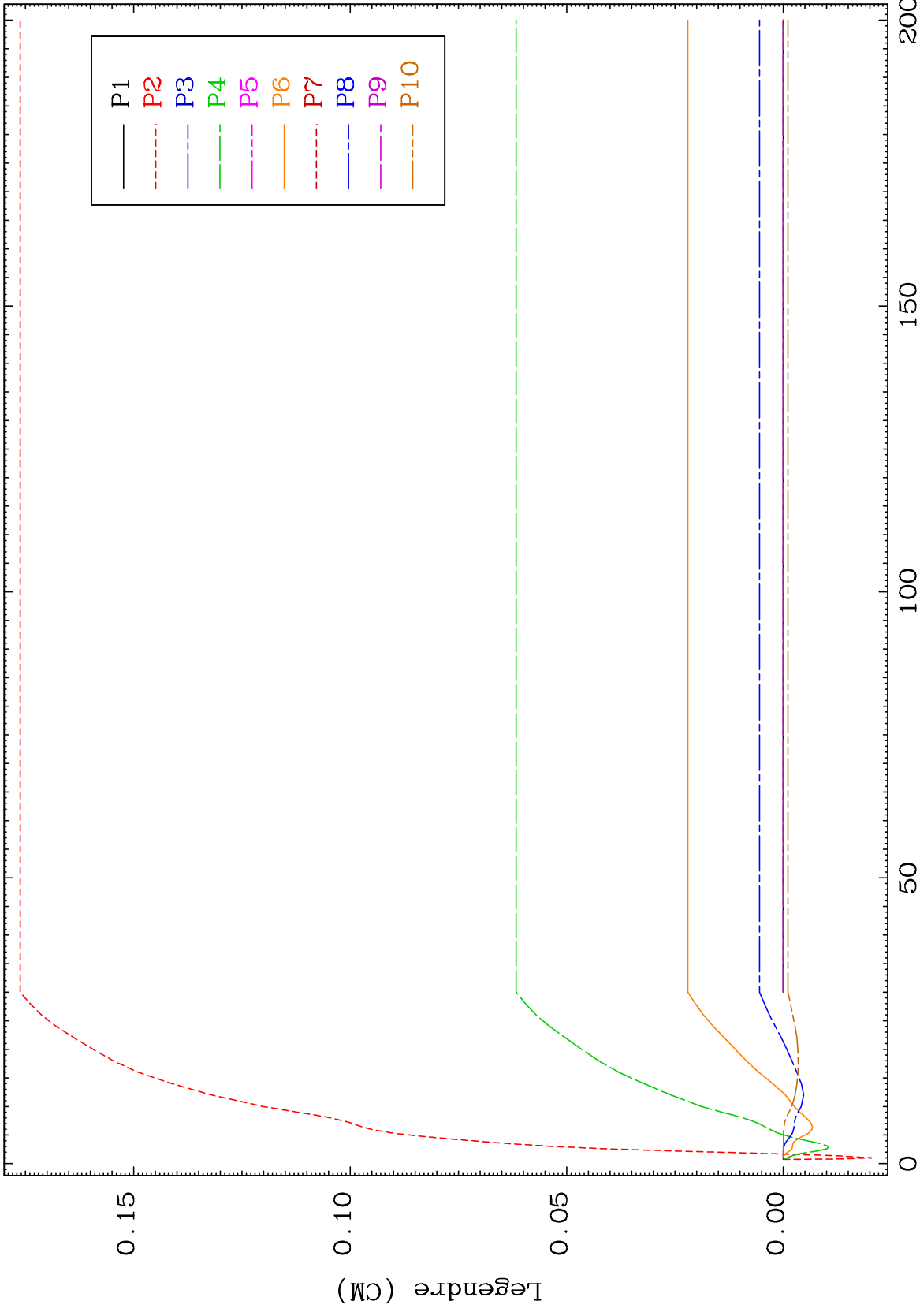
Incident Energy (MeV)

71

MAT 8128

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

81-T1-204



72

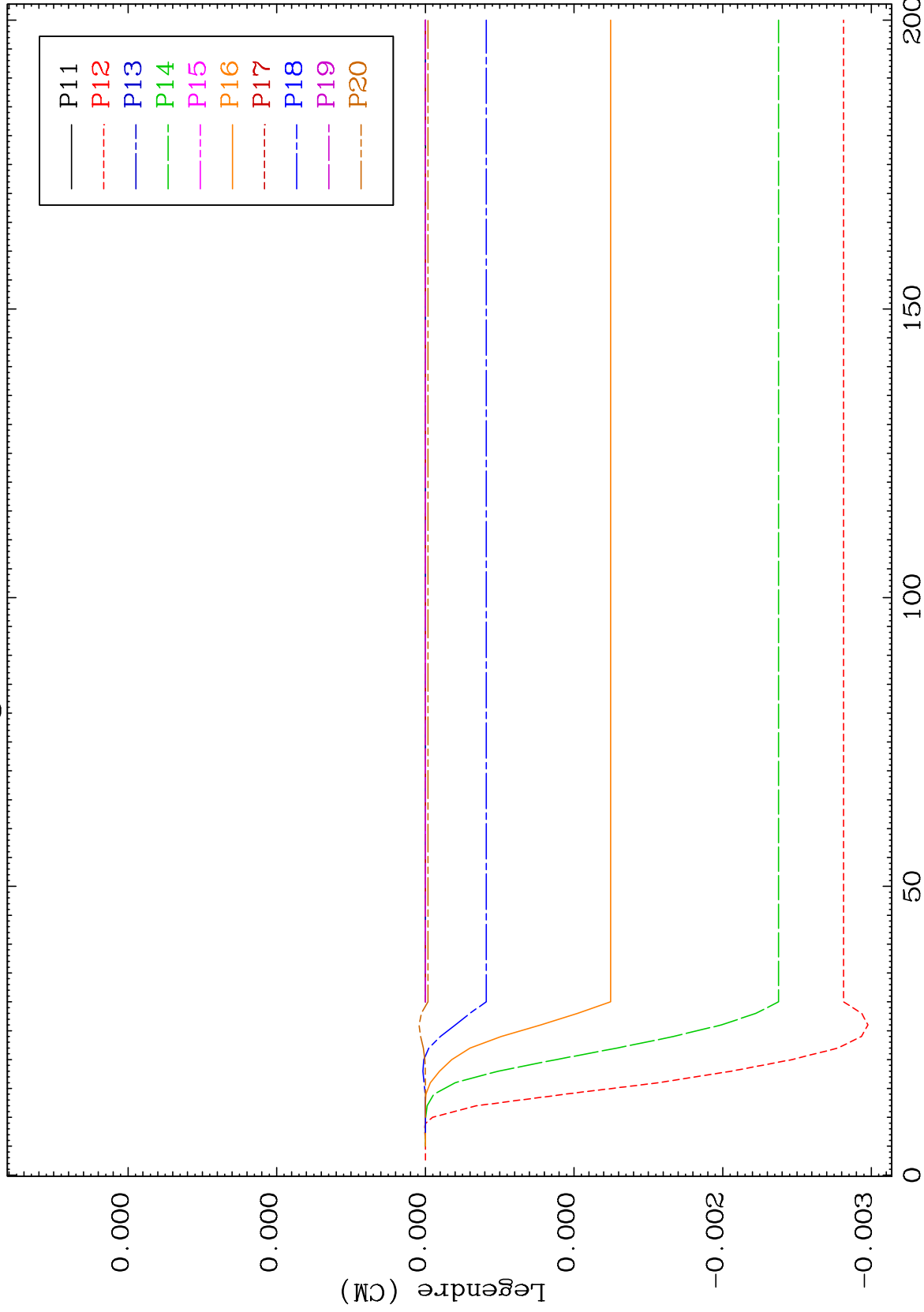
Incident Energy (MeV)

81-T1-204

MAT 8128

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

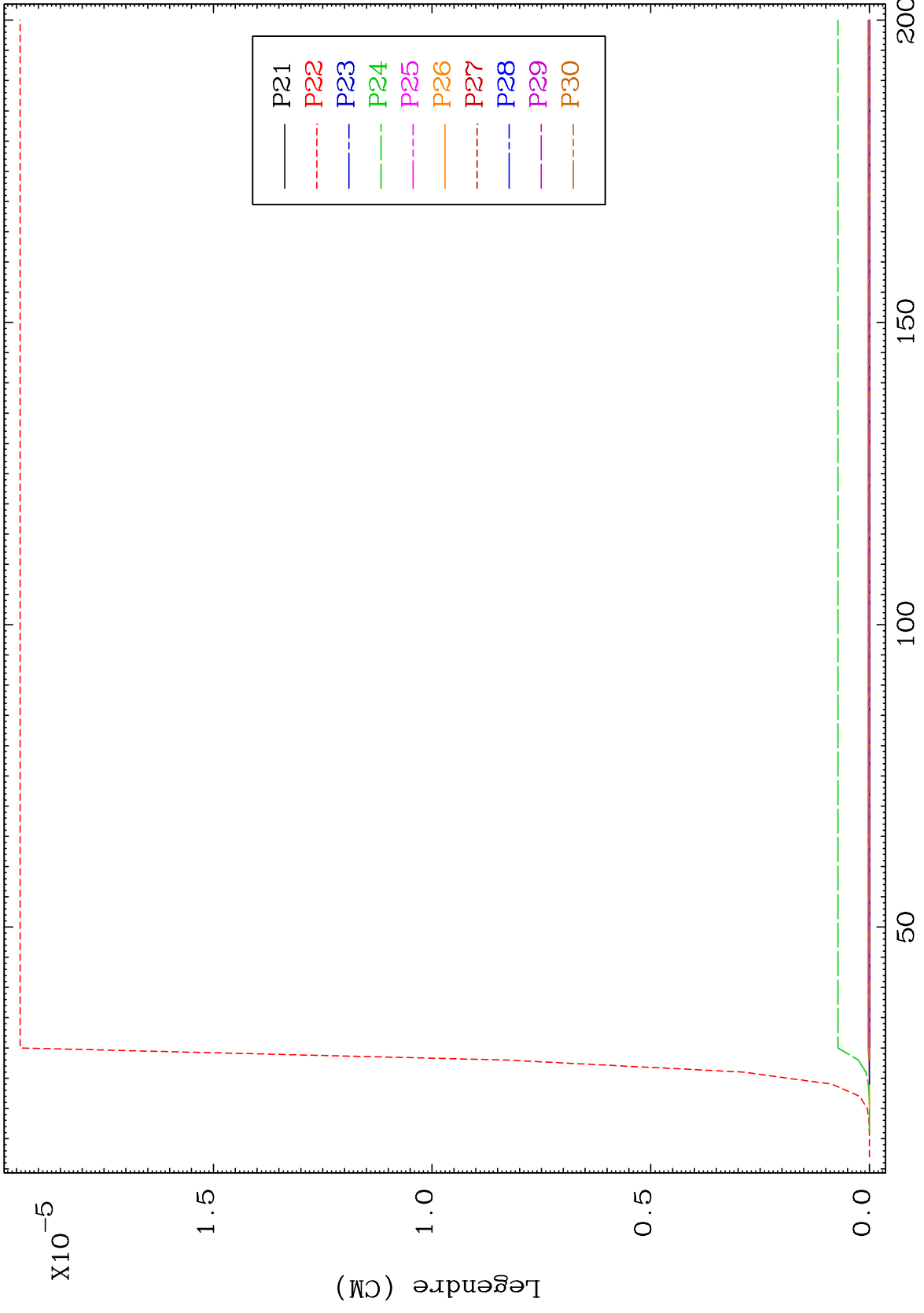
81-T1-204



73

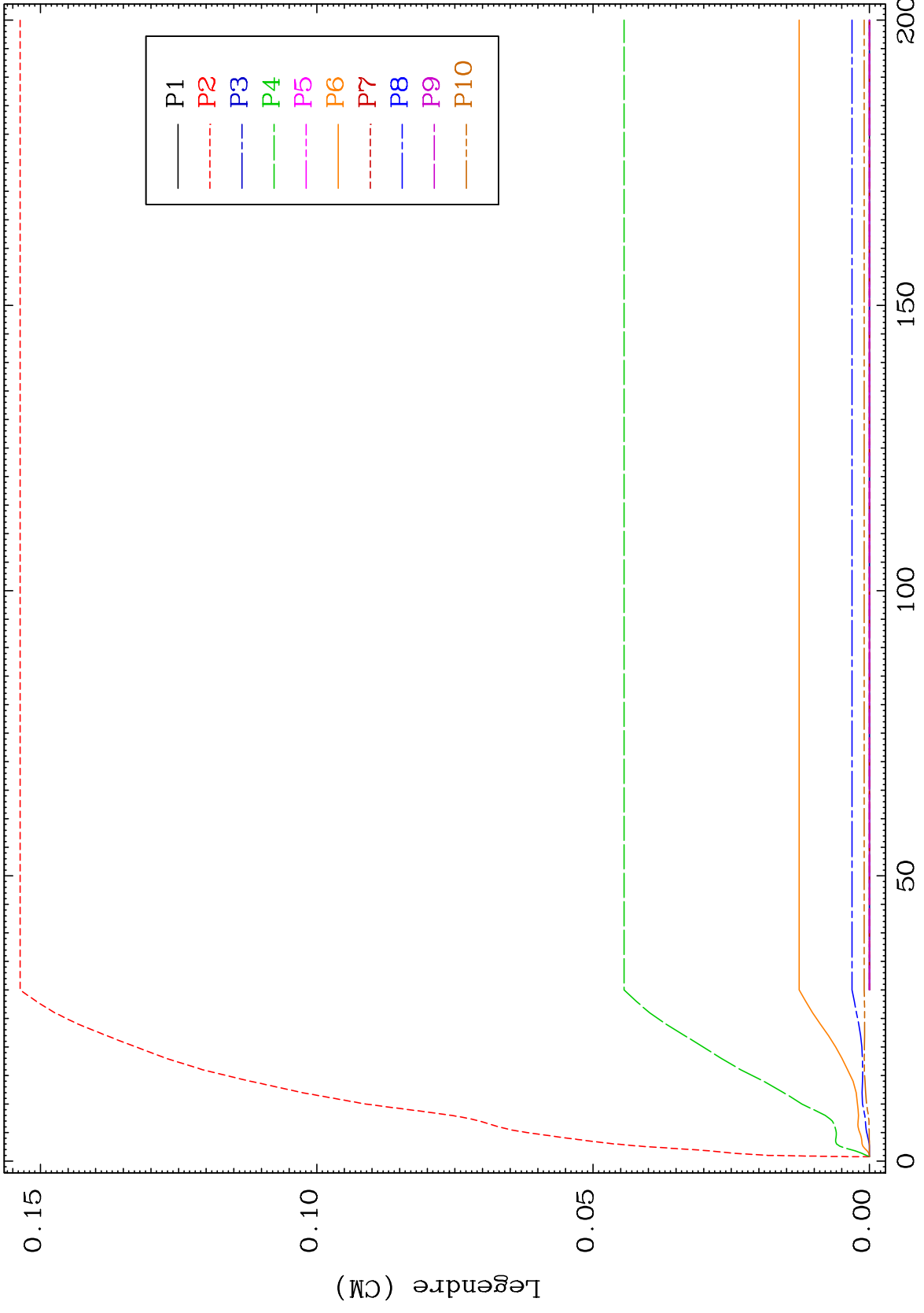
81-T1-204

MAT 8128 MT= 67 (n,n') Level Legendre Coefficients 81-T1-204



74 81-T1-204

MAT 8128 MT= 68 (n,n') Level Legendre Coefficients 81-T1-204

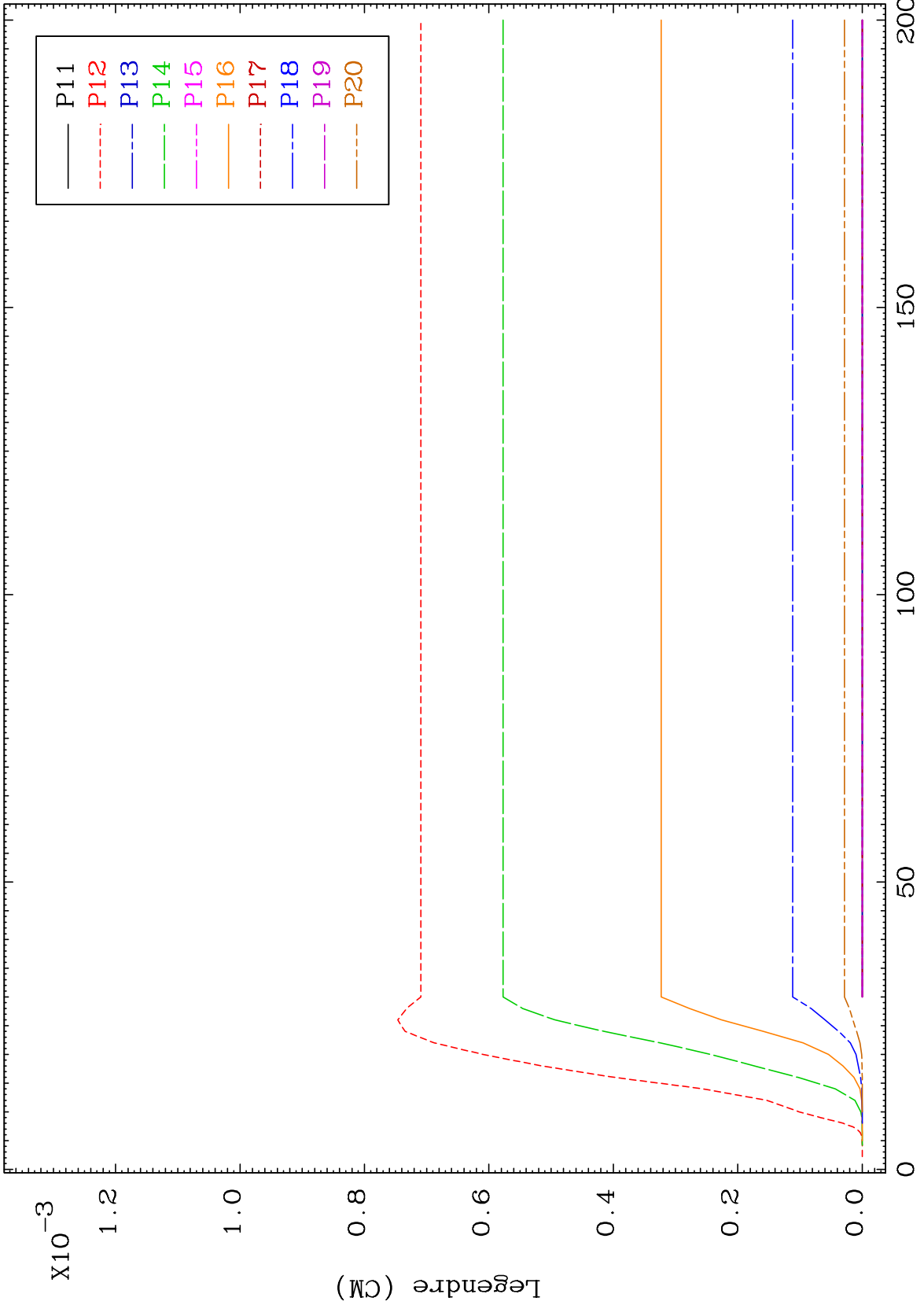


81-T1-204

MAT 8128

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

81-T1-204



76

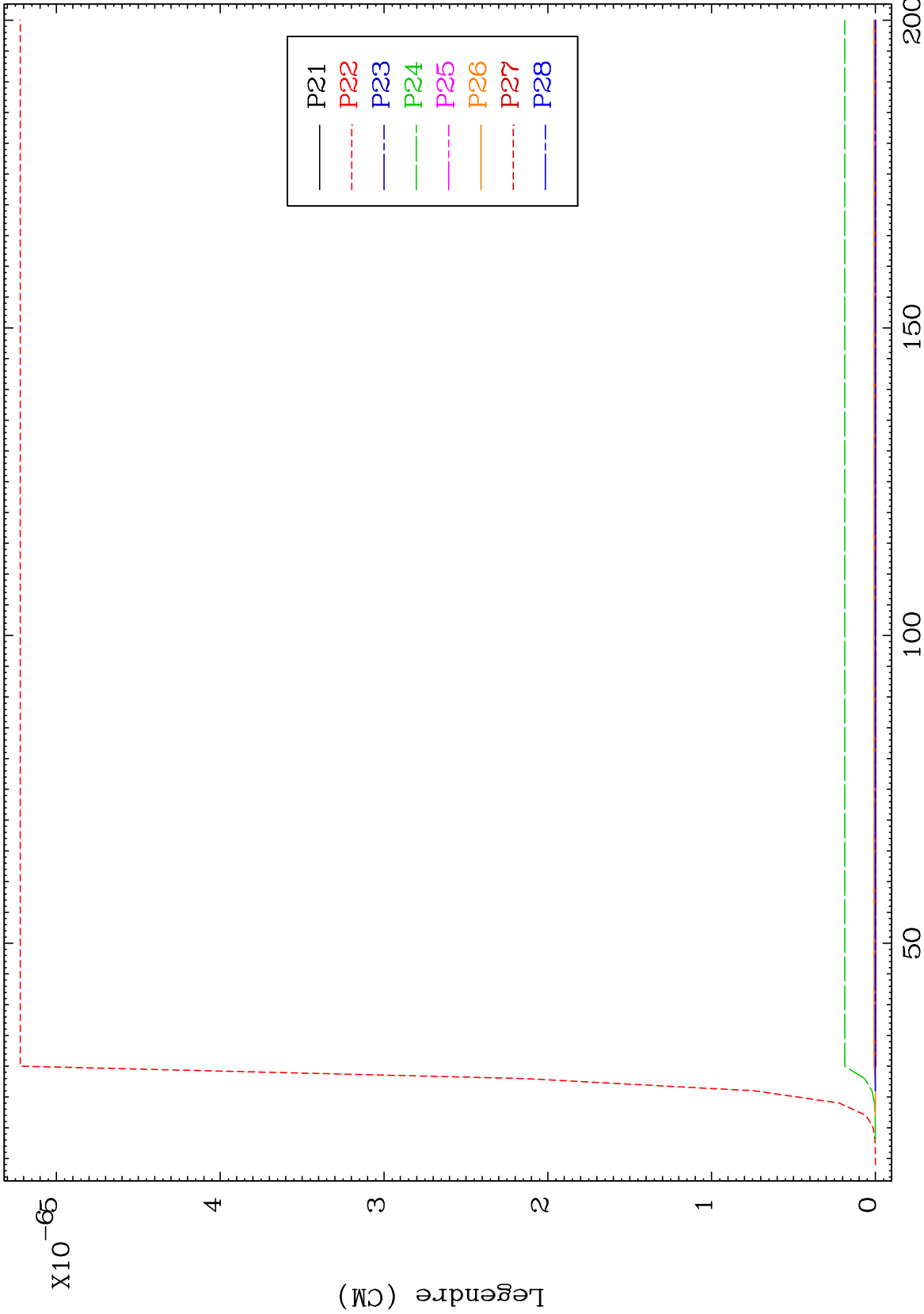
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

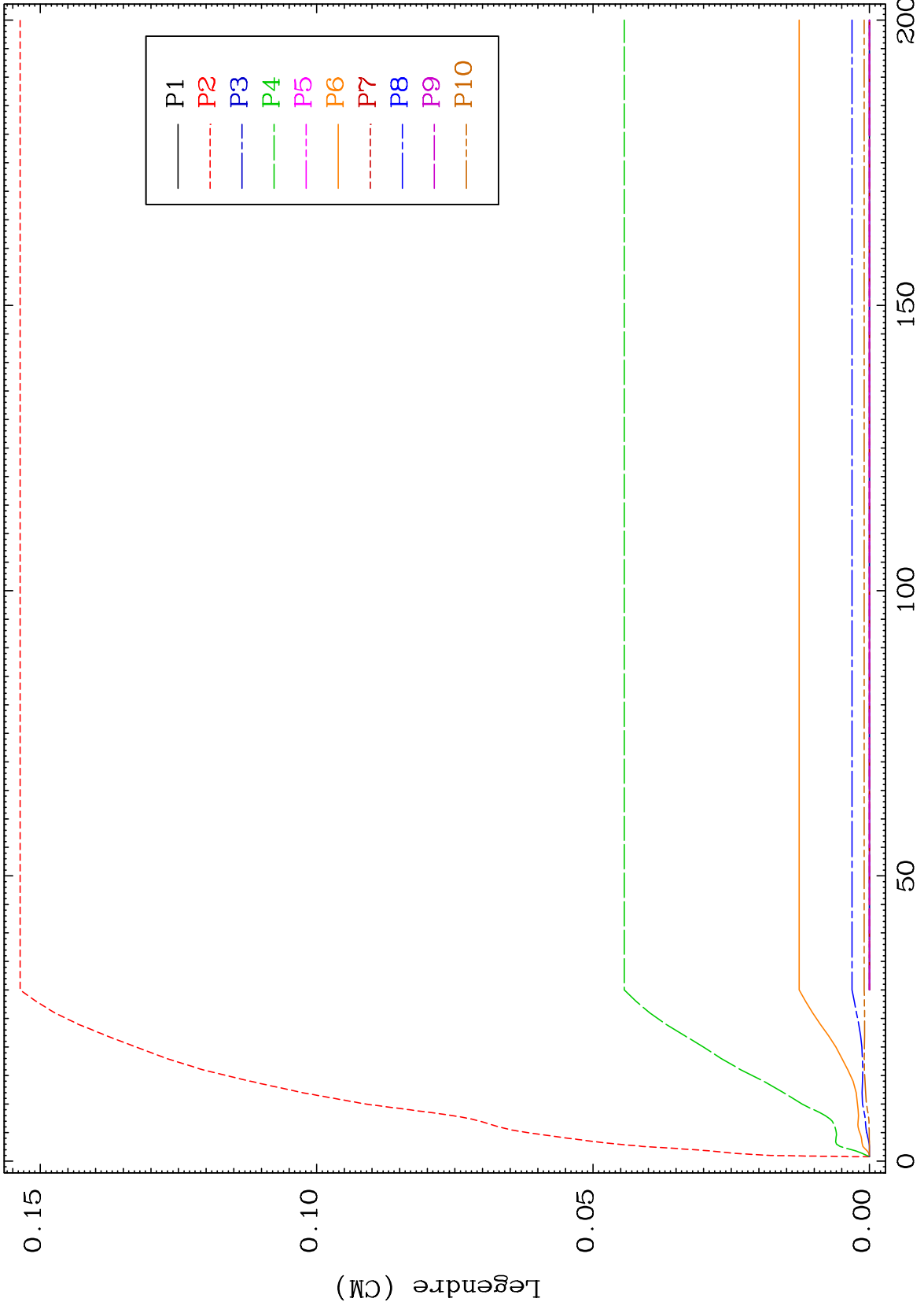


77

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 69 (n,n') Level Legendre Coefficients 81-T1-204

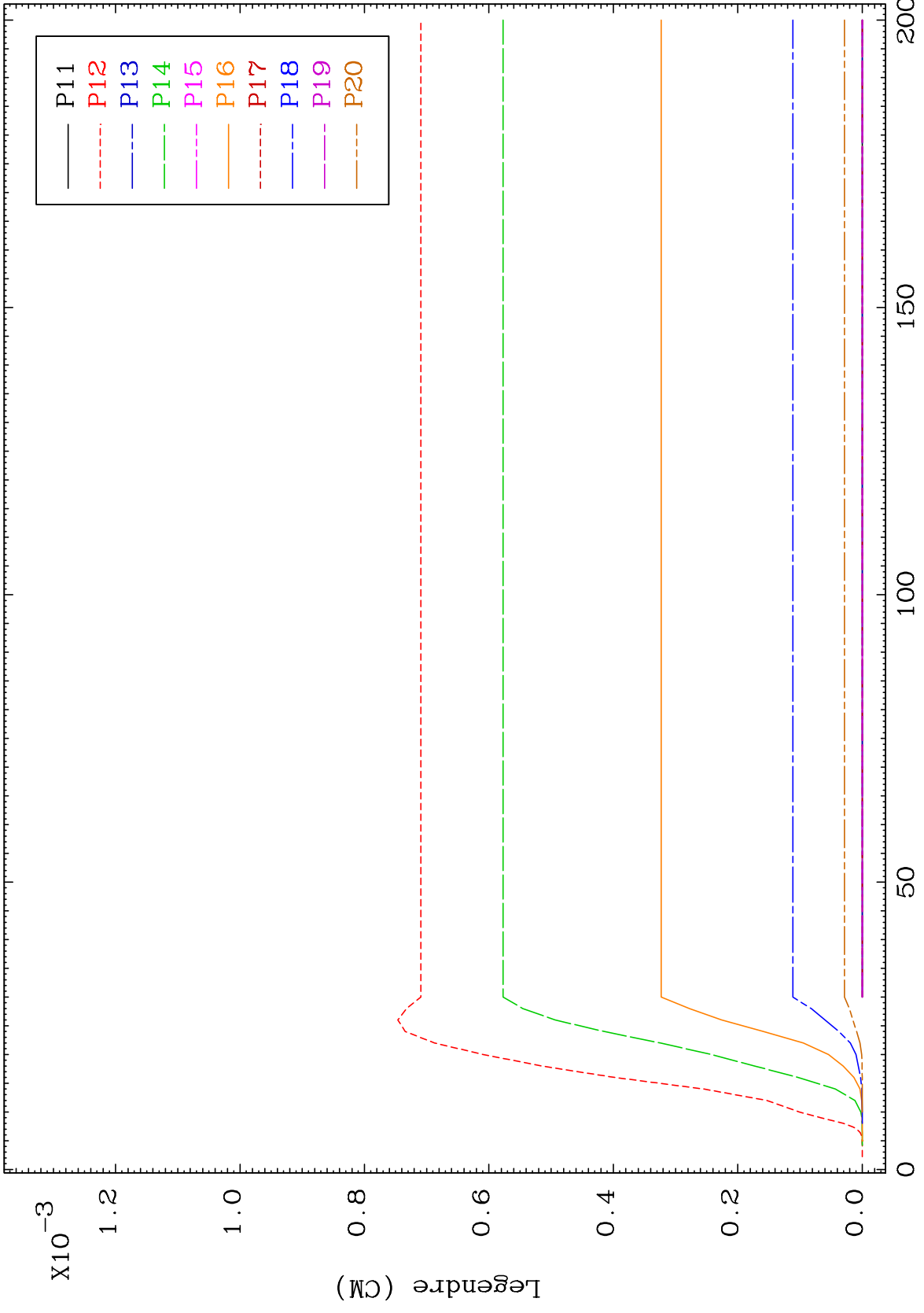


78 Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204



79

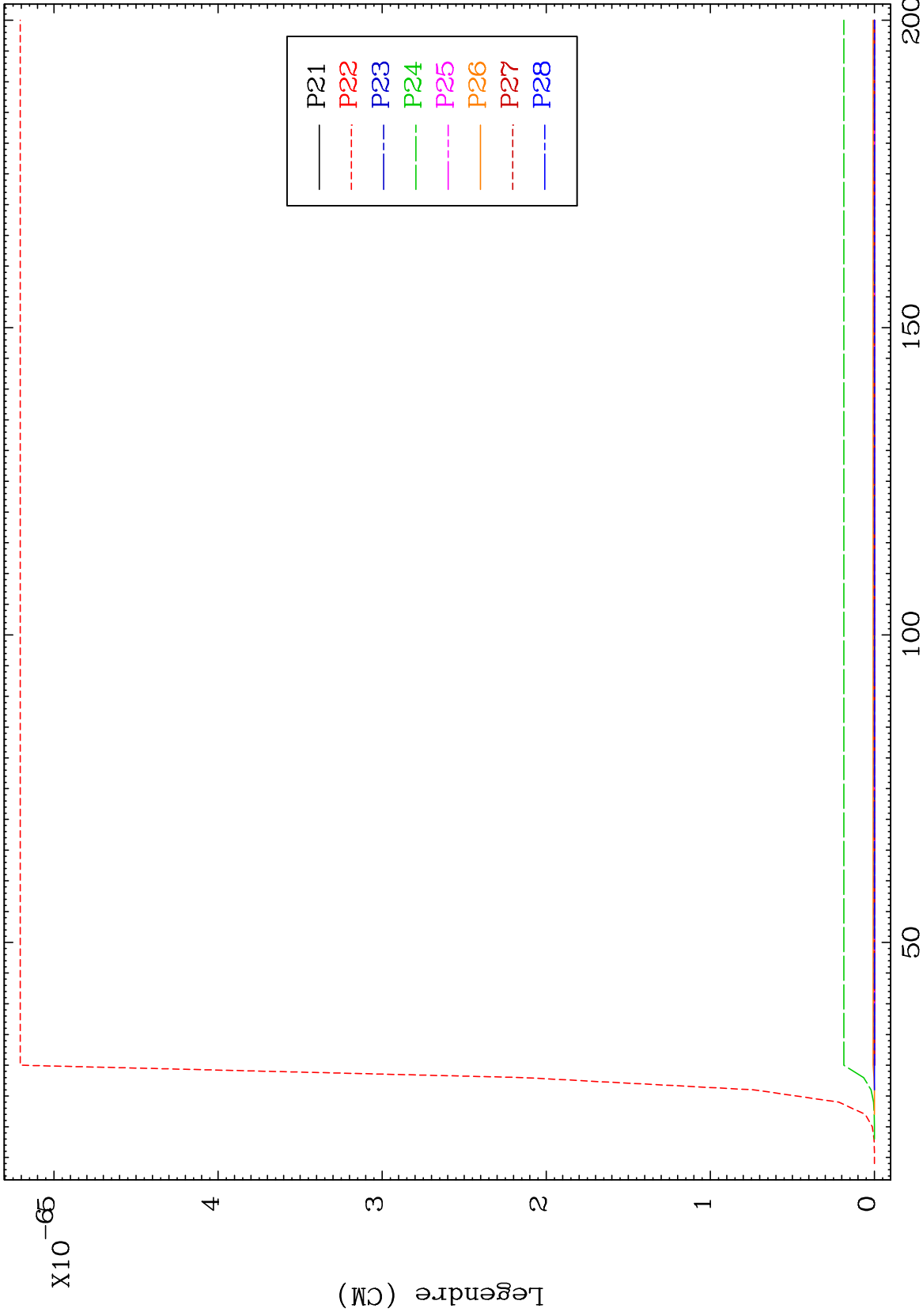
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

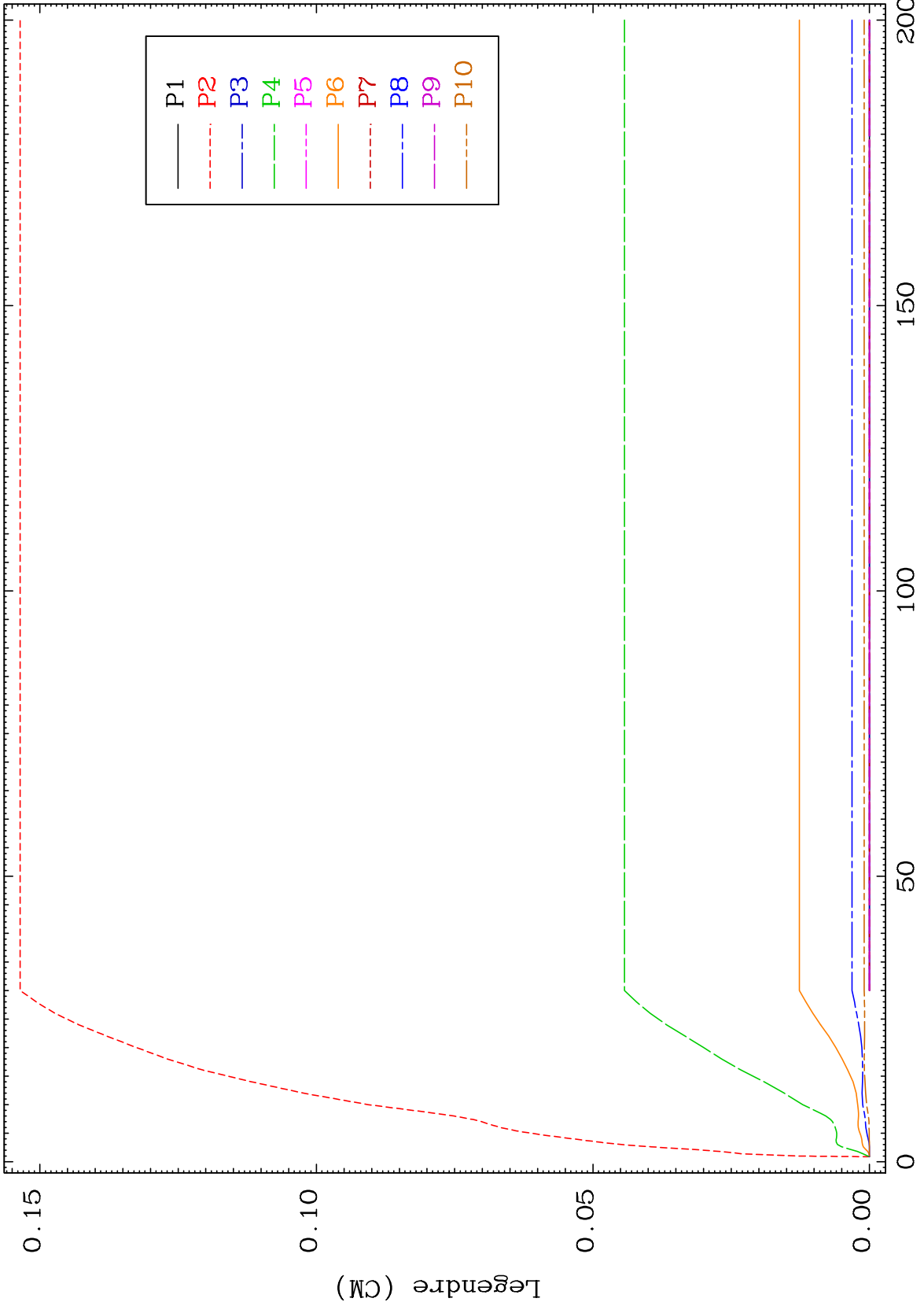


80

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 70 (n,n') Level Legendre Coefficients 81-T1-204

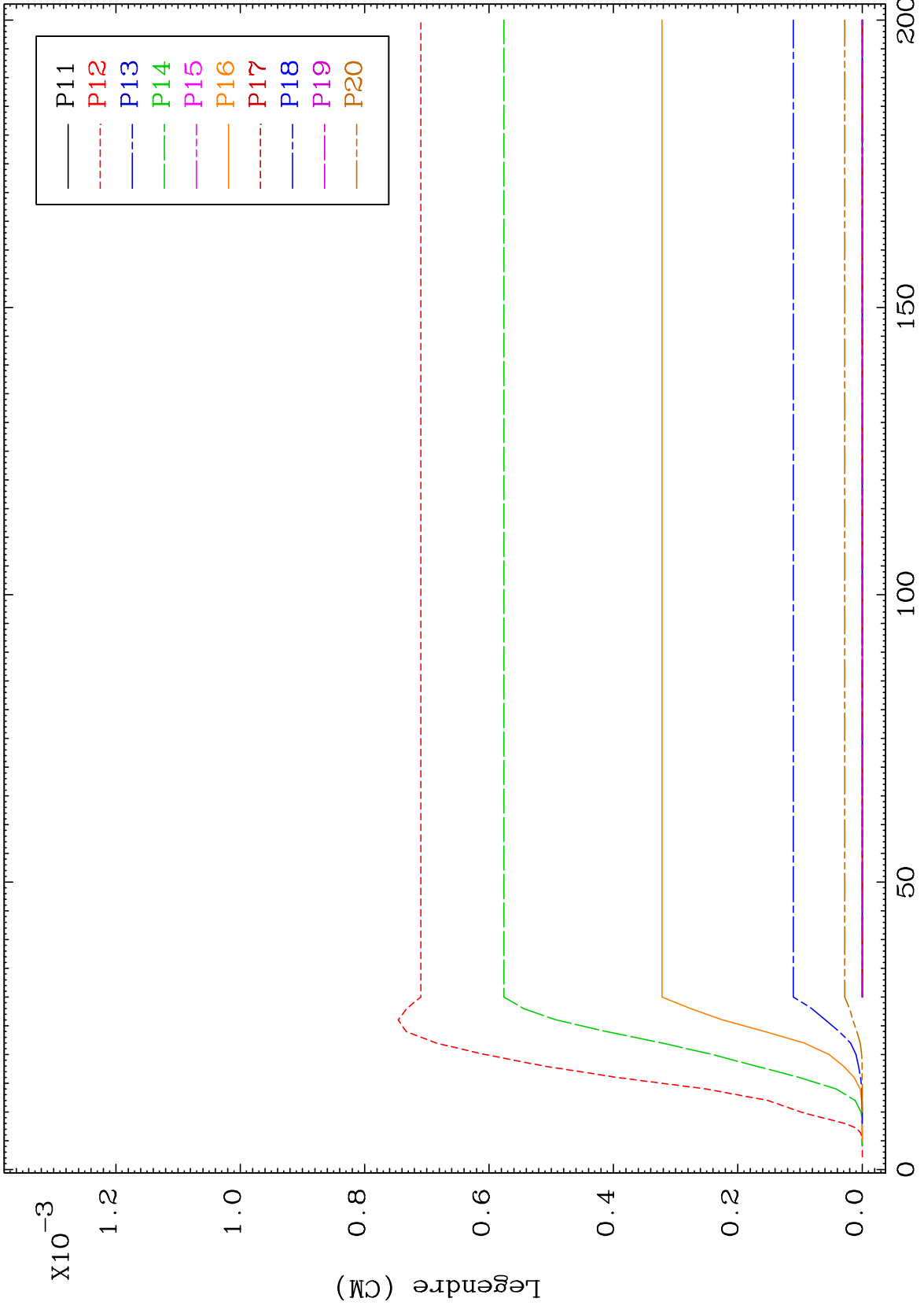


81 81-T1-204

MAT 8128

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

81-T1-204



82

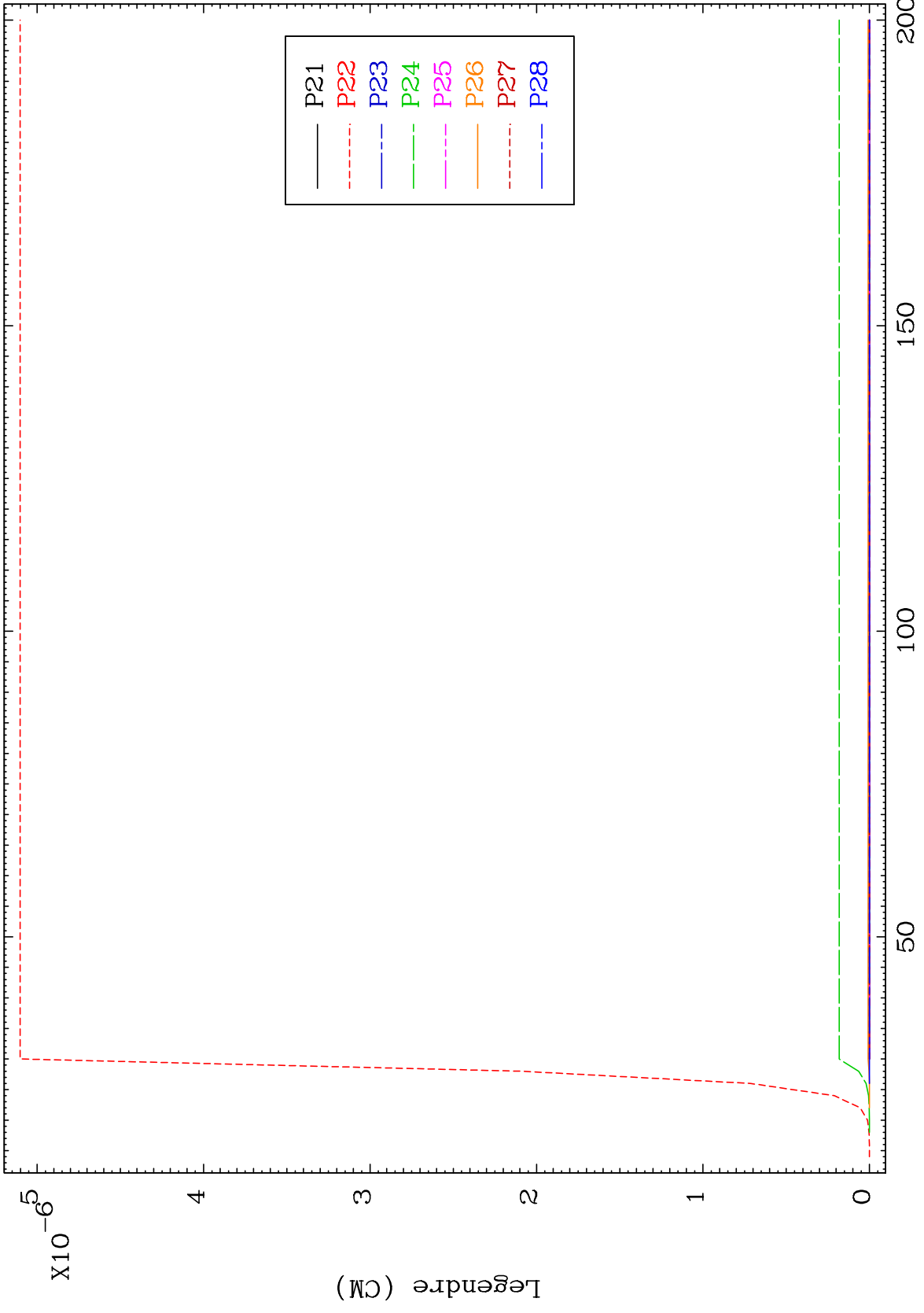
Incident Energy (MeV)

81-T1-204

MAT 8128

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

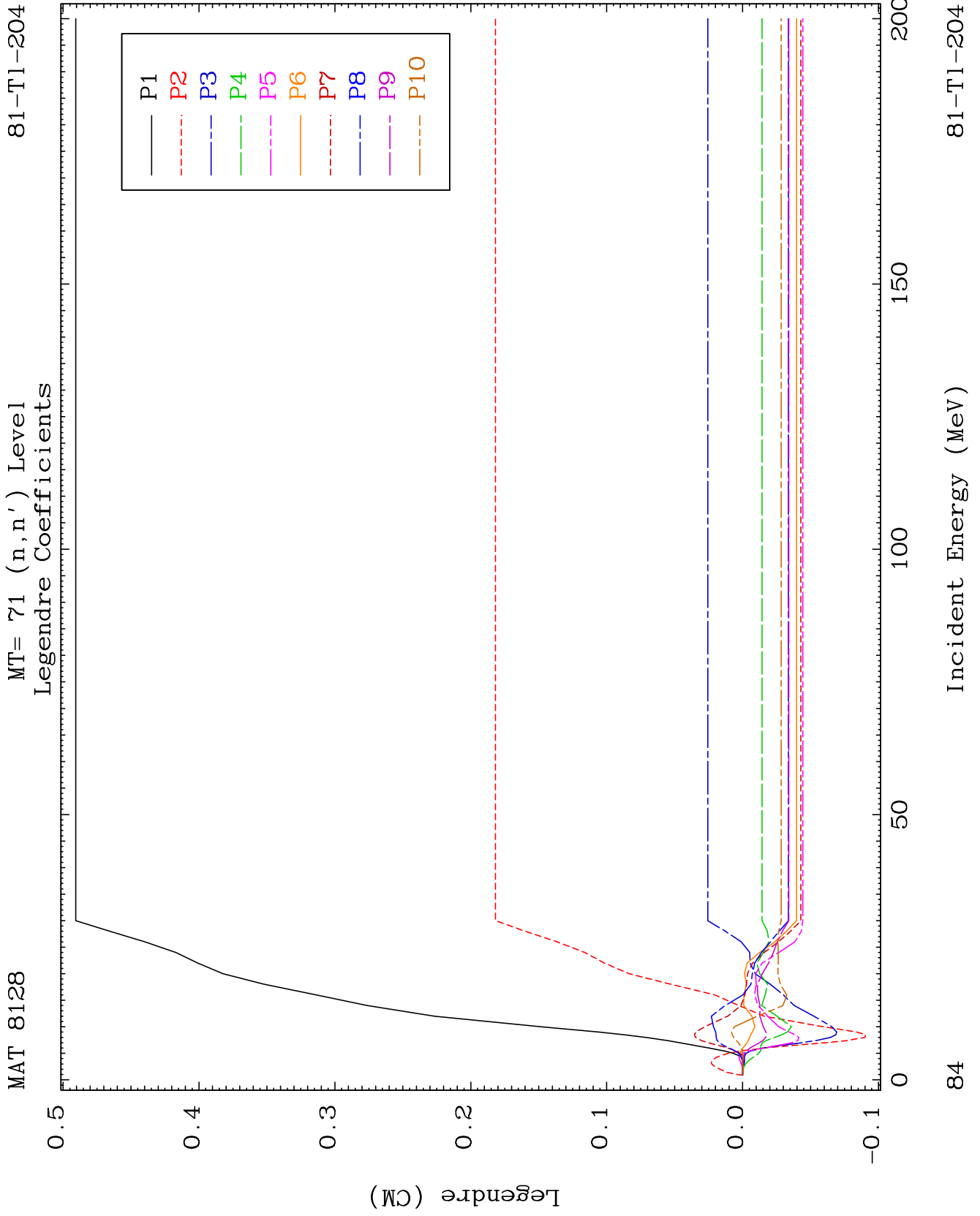
81-T1-204



83

Incident Energy (MeV)

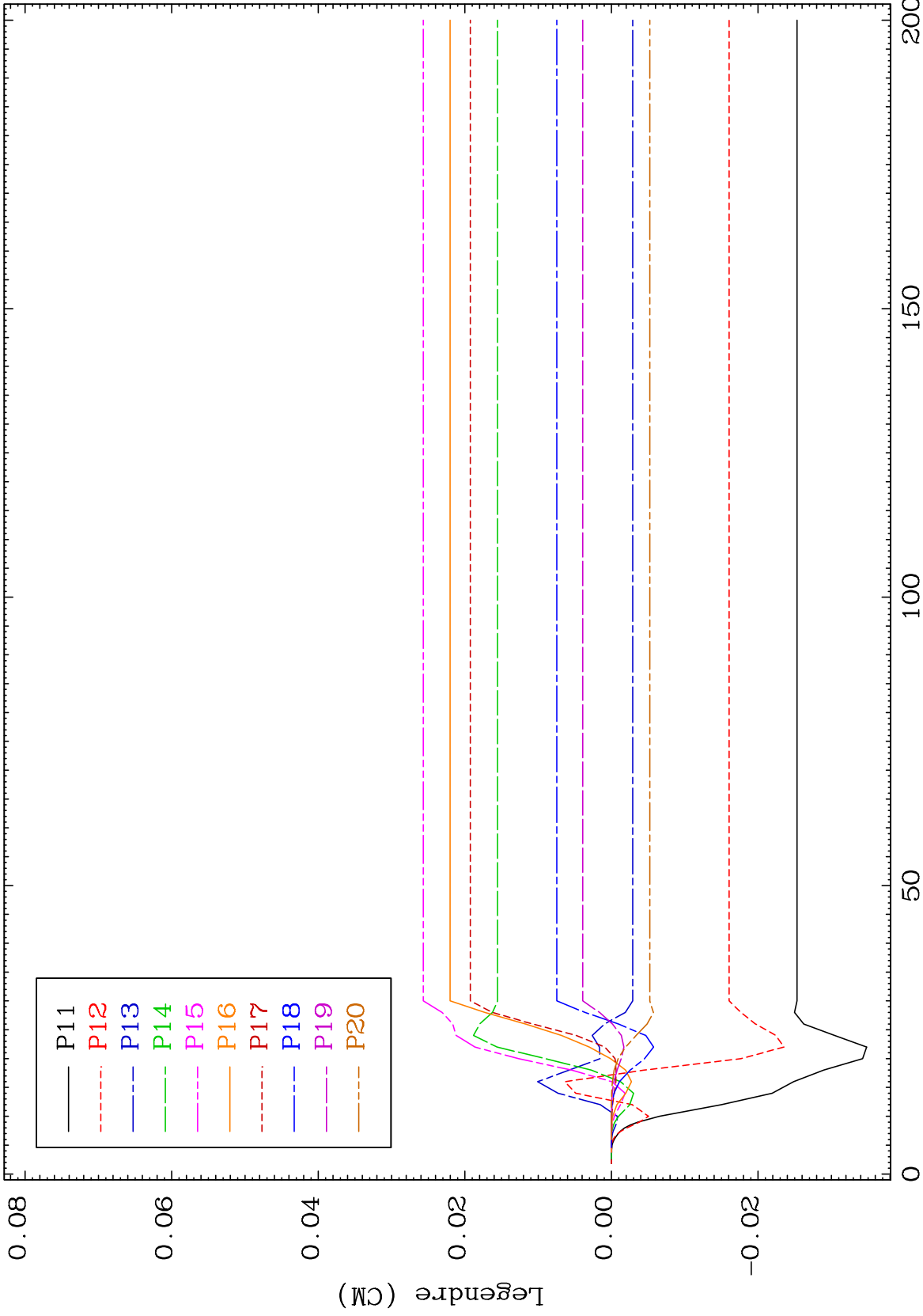
81-T1-204



MAT 8128

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

81-T1-204



85

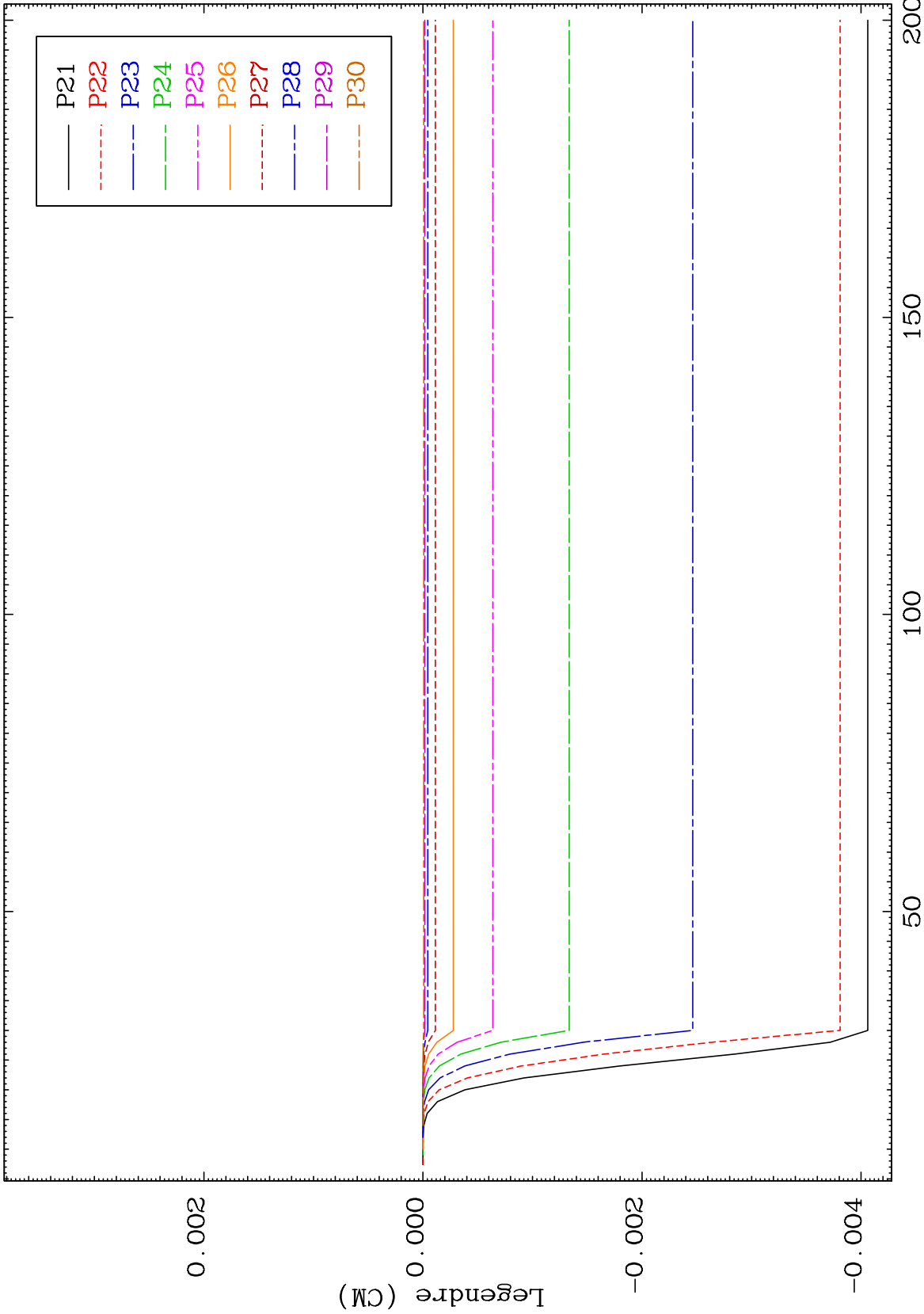
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



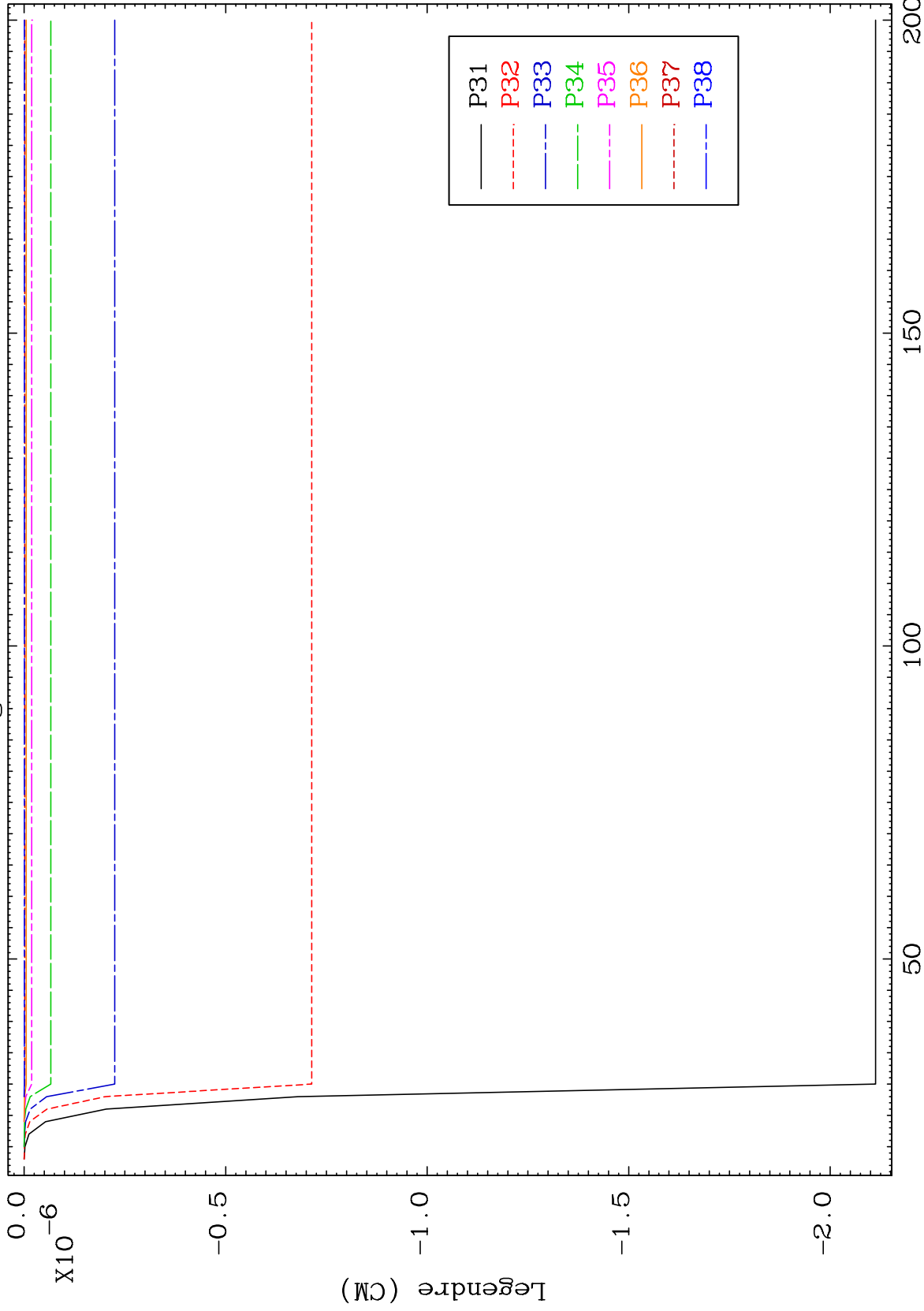
86

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 71 (n,n') Level 81-T1-204

Legendre Coefficients



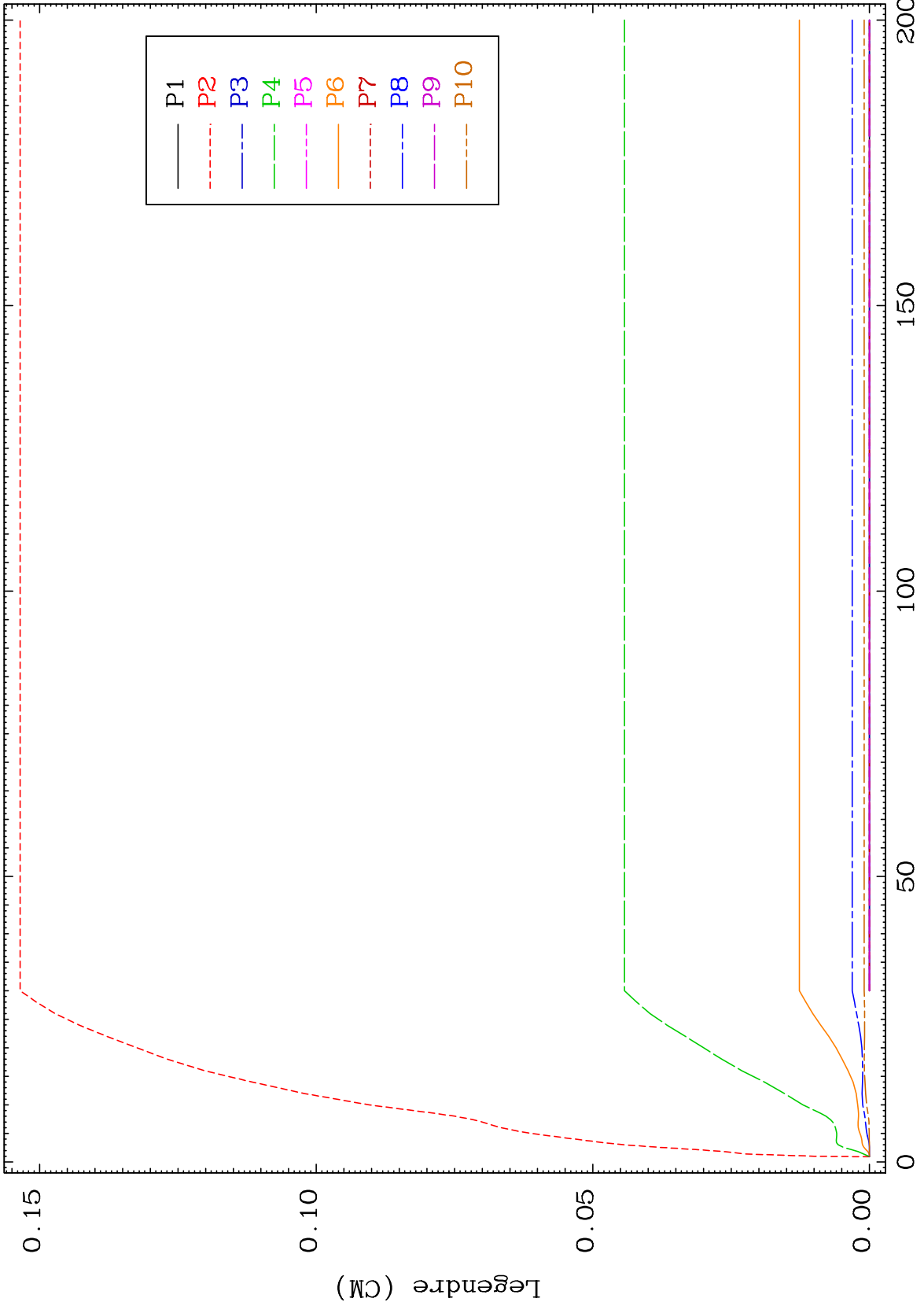
87

81-T1-204

MAT 8128

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

81-T1-204



88

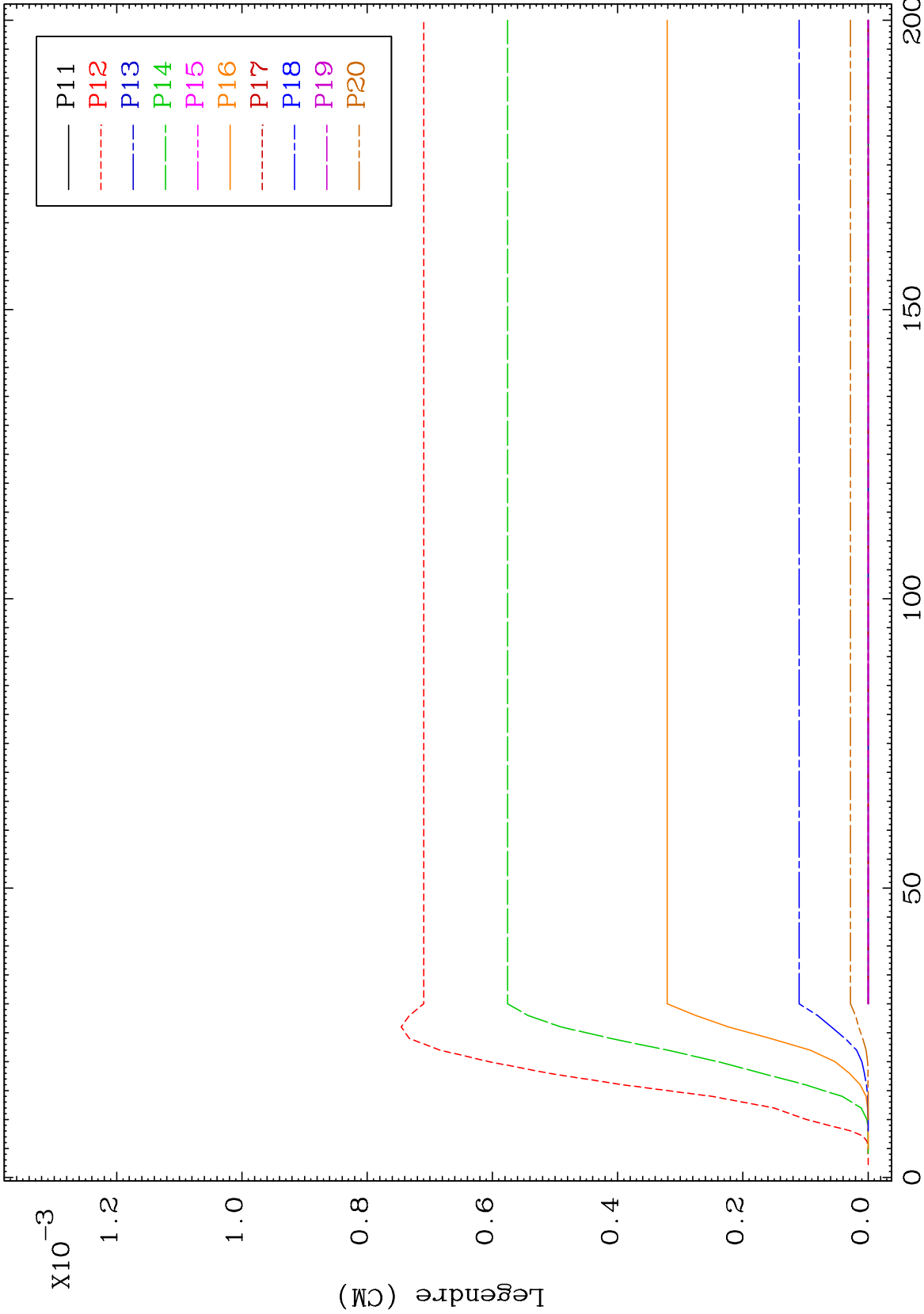
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



89

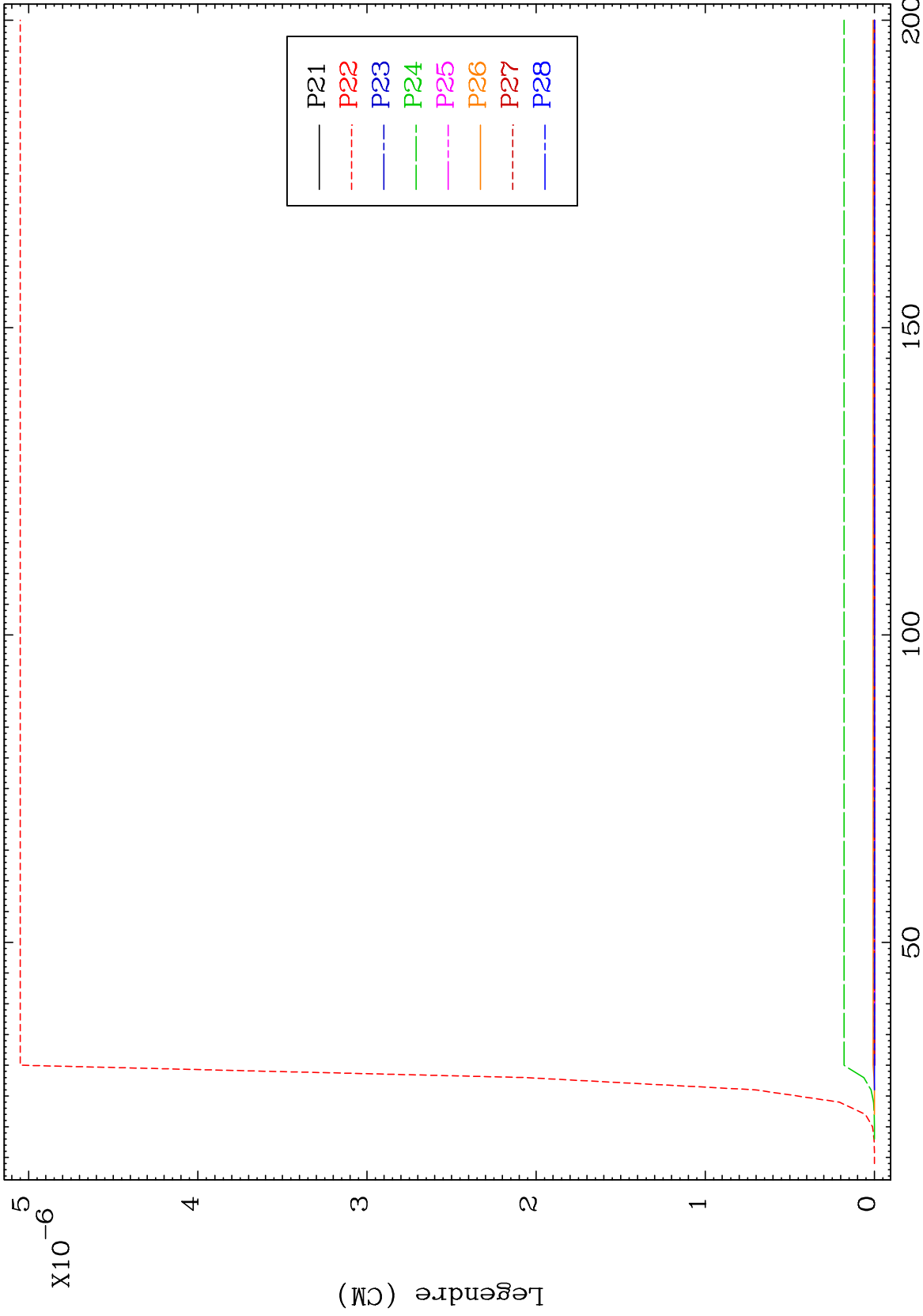
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



90

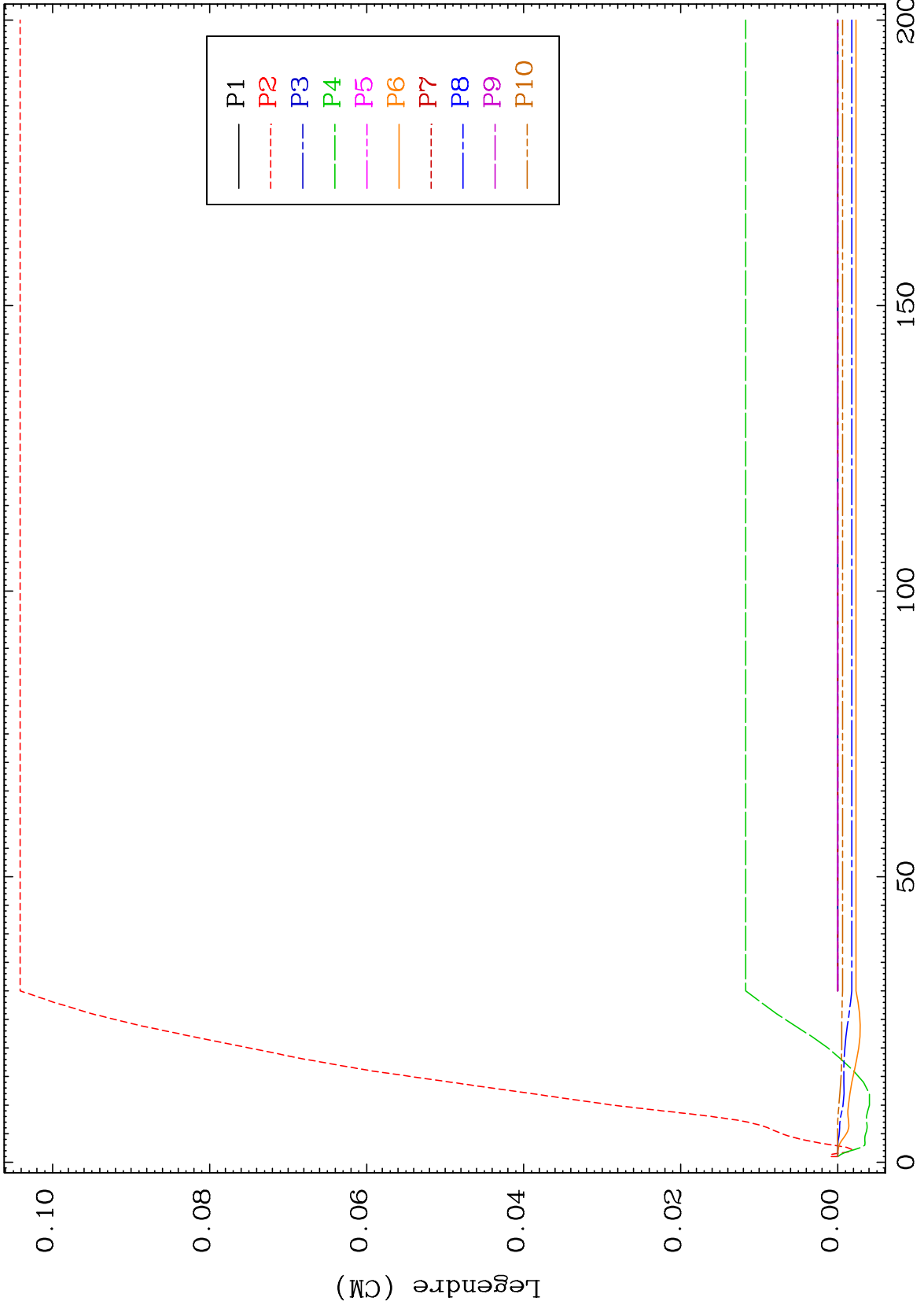
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



91

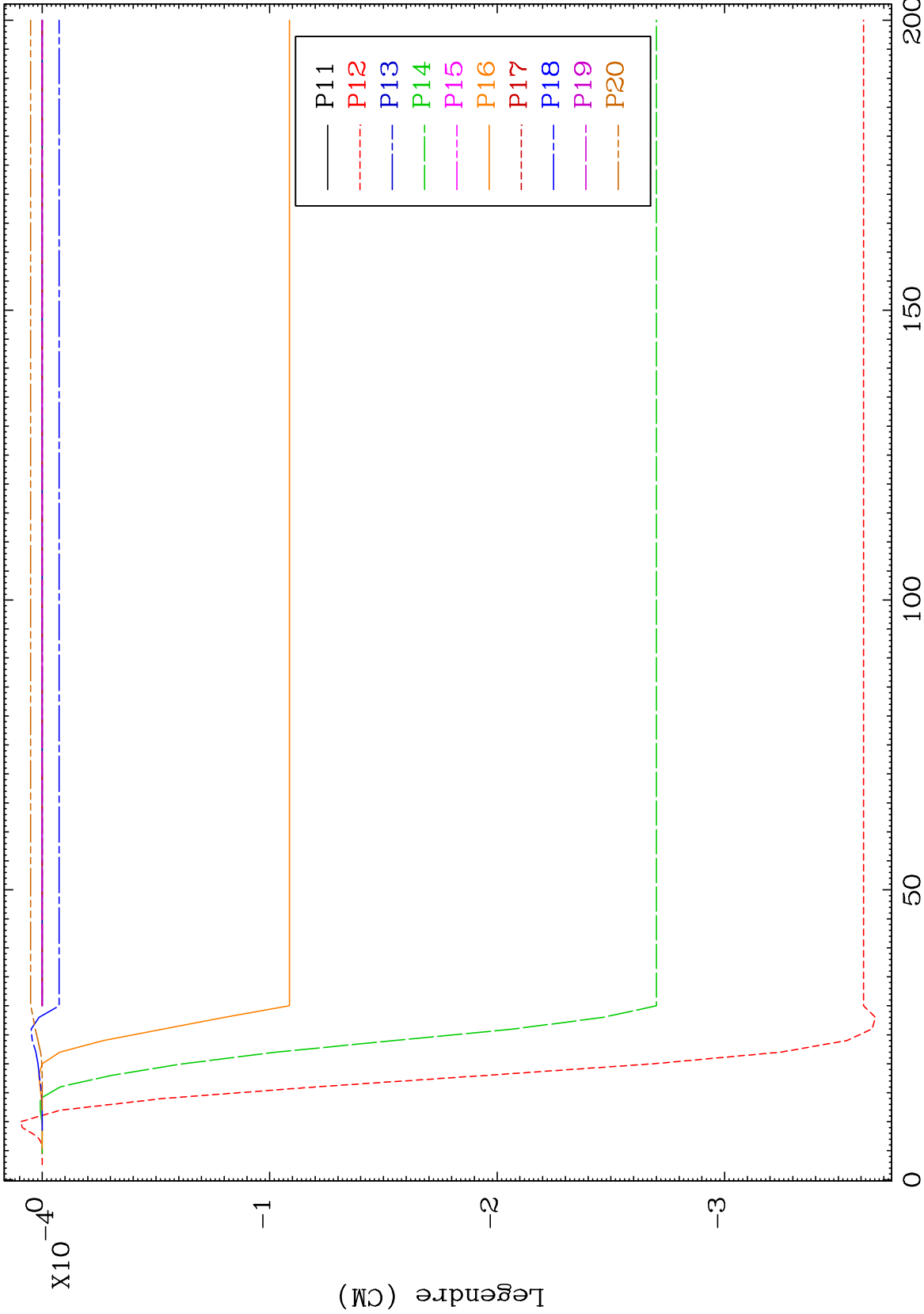
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



92

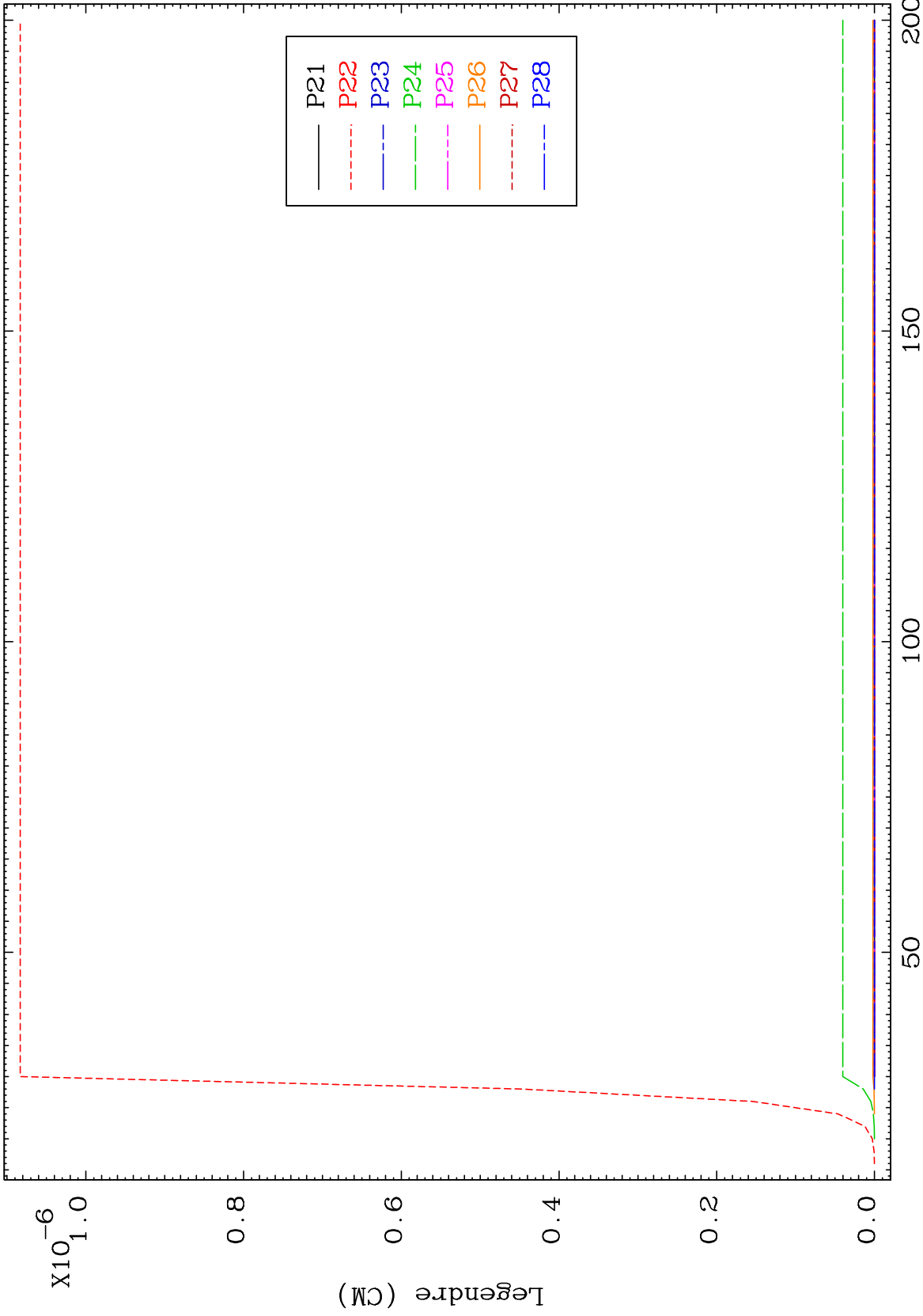
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

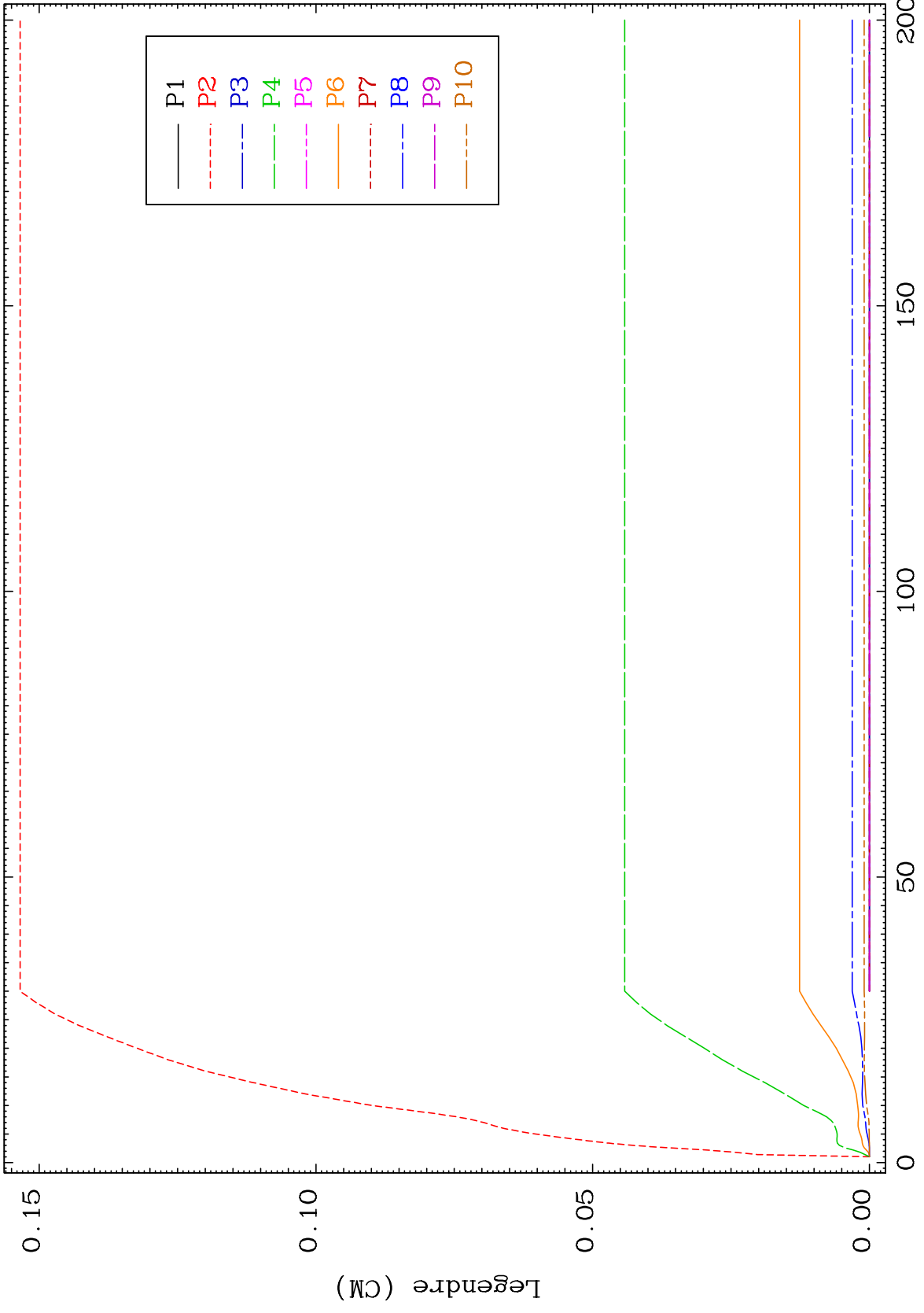


93

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 74 (n,n') Level Legendre Coefficients 81-T1-204

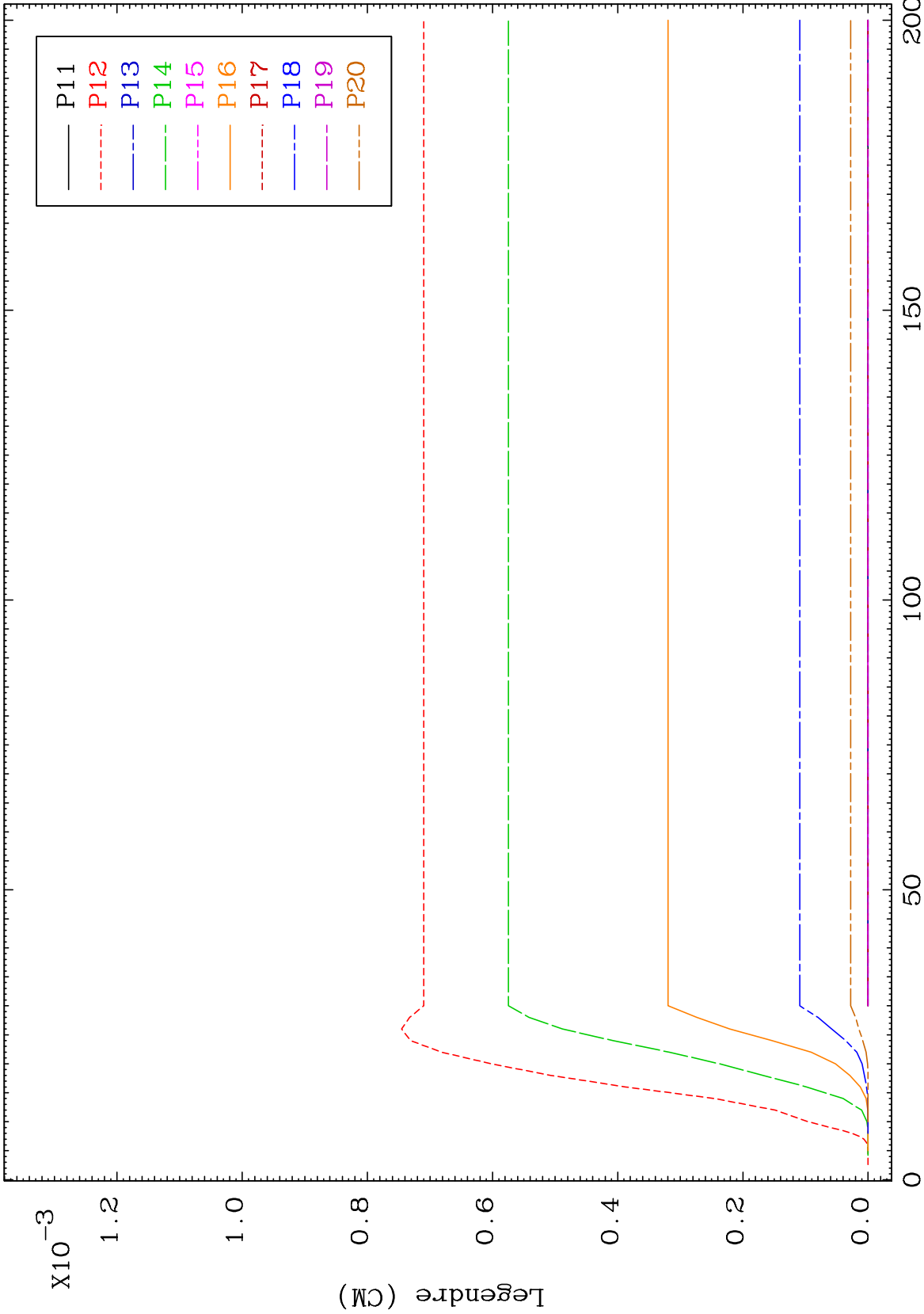


94 81-T1-204

MAT 8128

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

81-T1-204

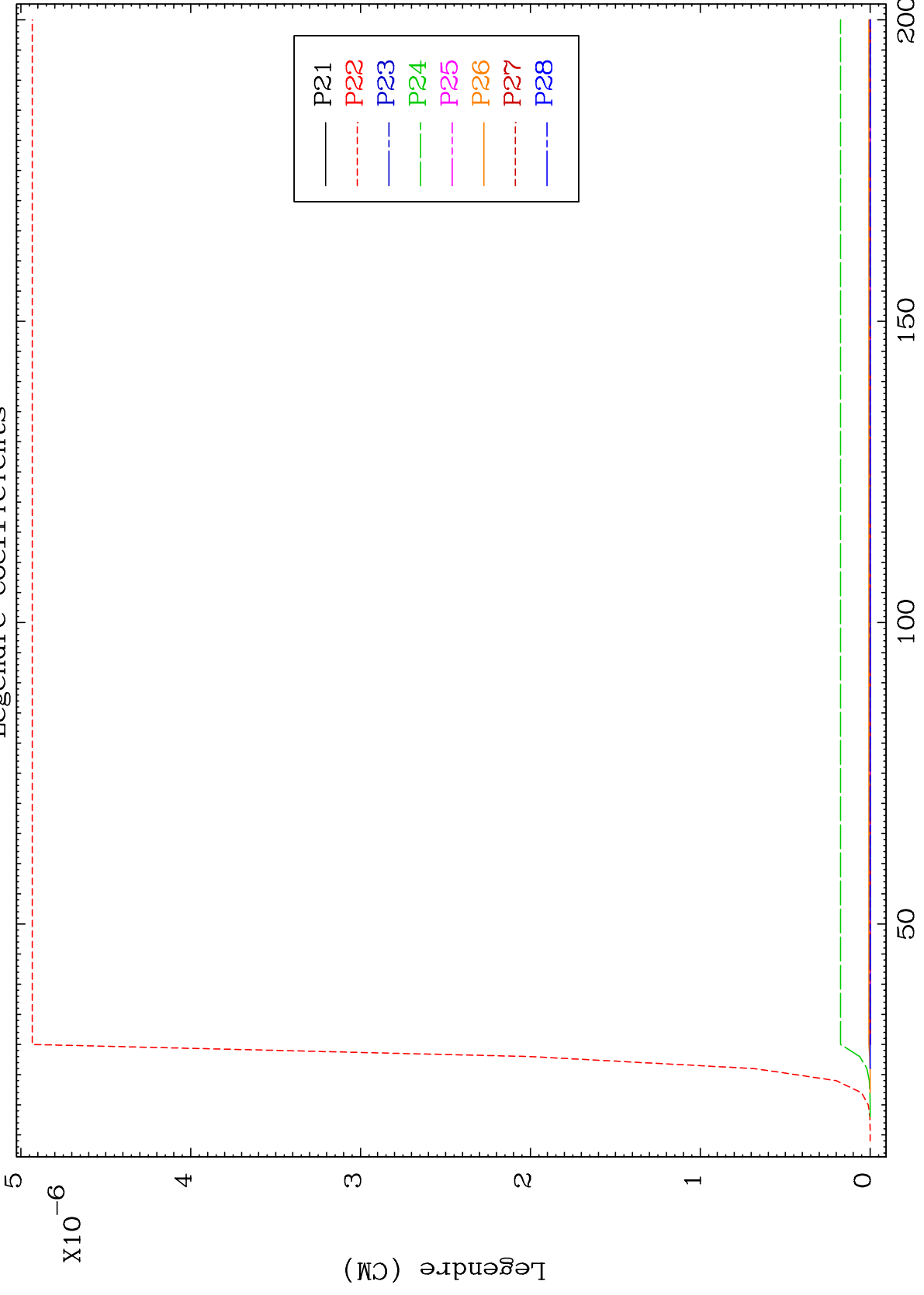


95

Incident Energy (MeV)

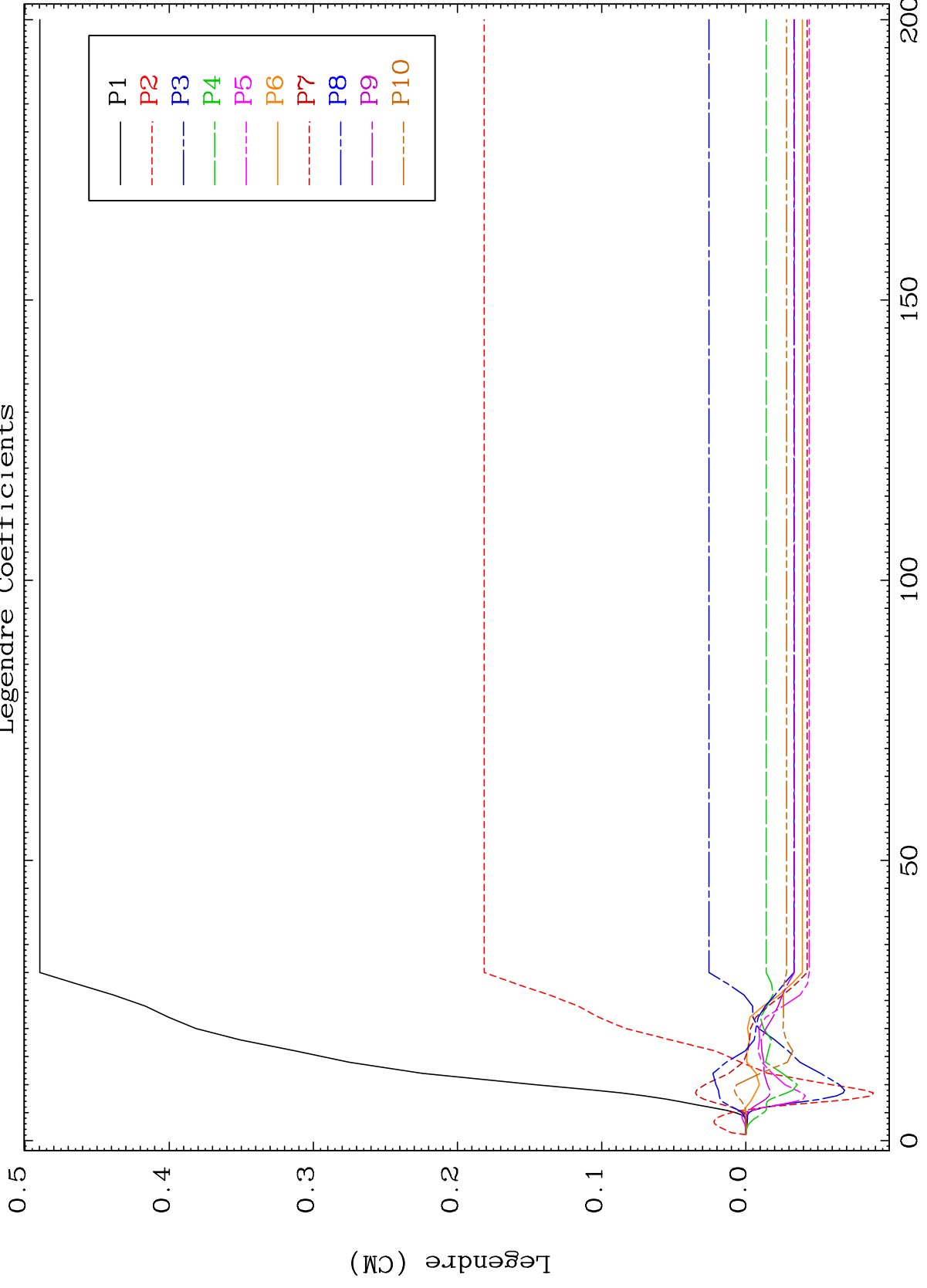
81-T1-204

MAT 8128 MT= 74 (n,n') Level Legendre Coefficients 81-T1-204



96 81-T1-204

MAT 8128 MT= 75 (n,n') Level Legendre Coefficients 81-T1-204

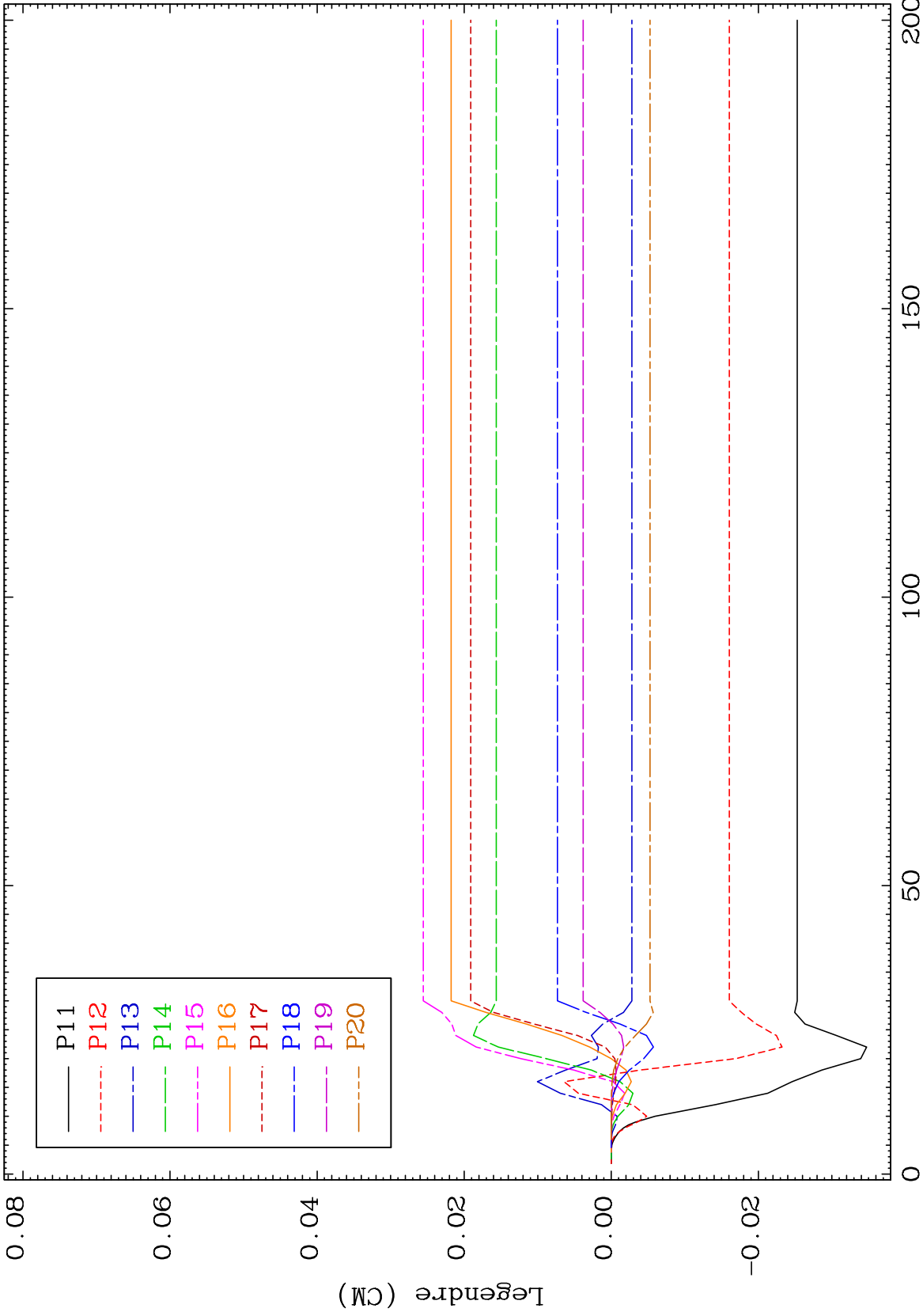


97 81-T1-204

MAT 8128

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

81-T1-204



98

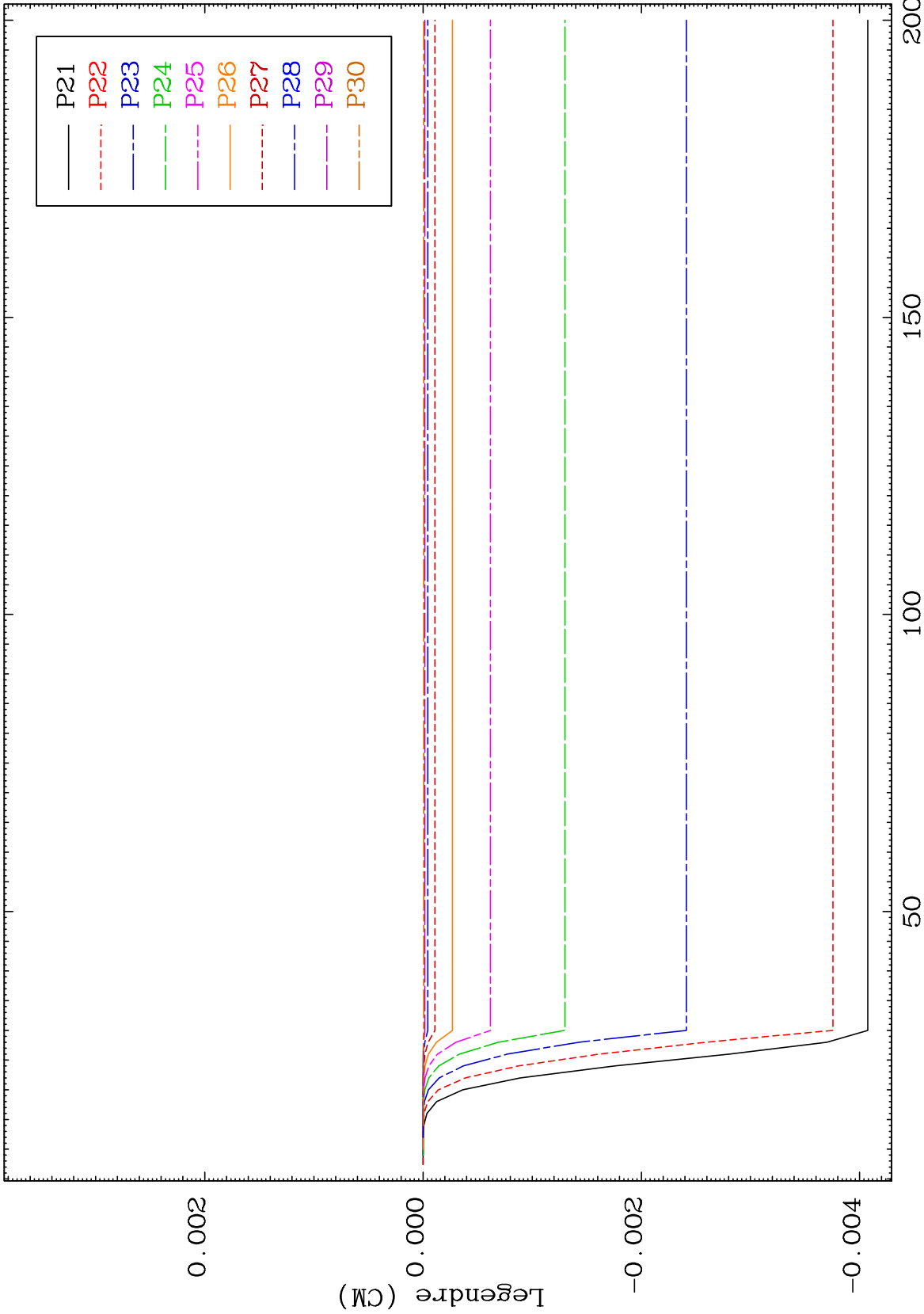
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

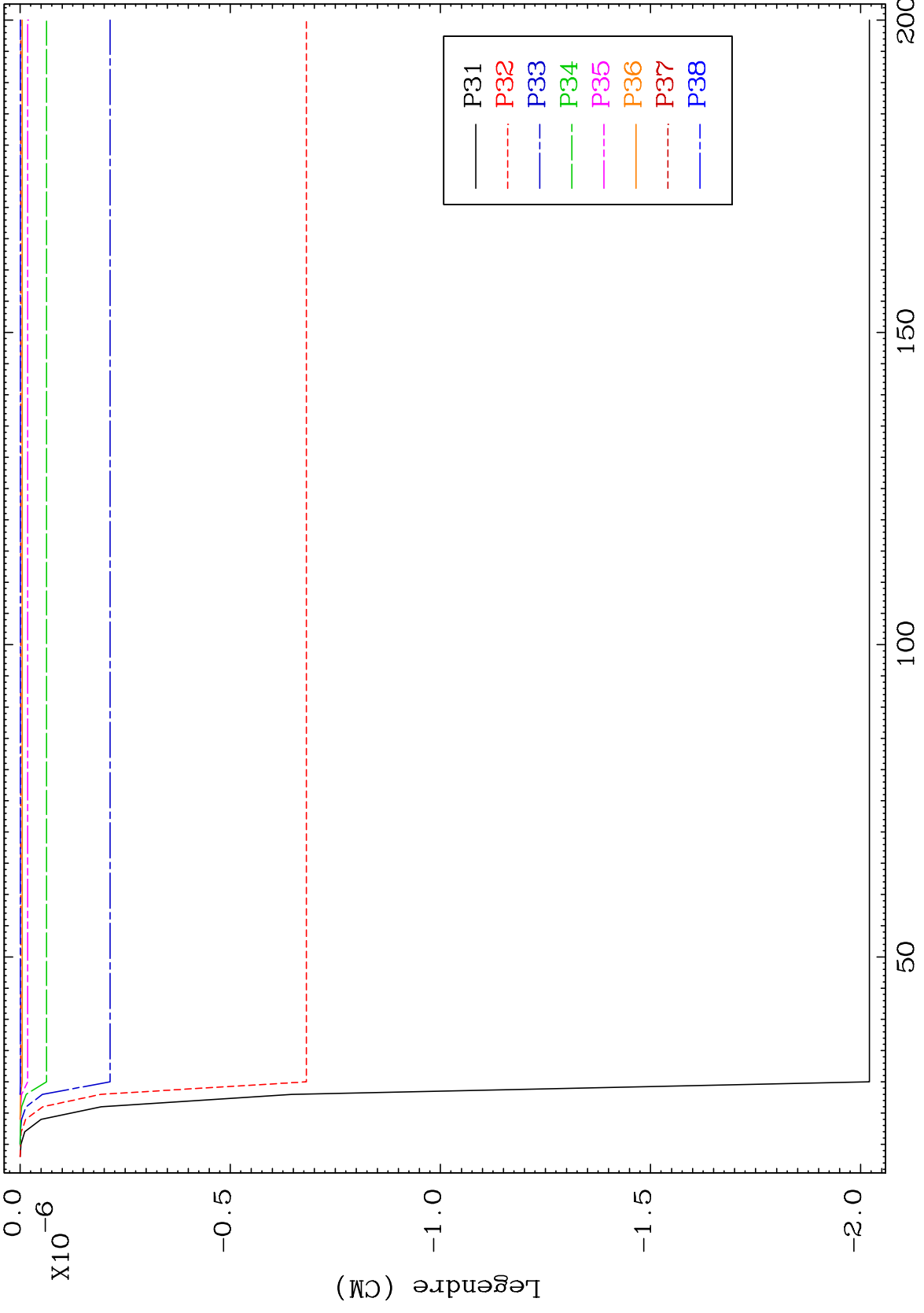


99

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 75 (n,n') Level Legendre Coefficients 81-T1-204

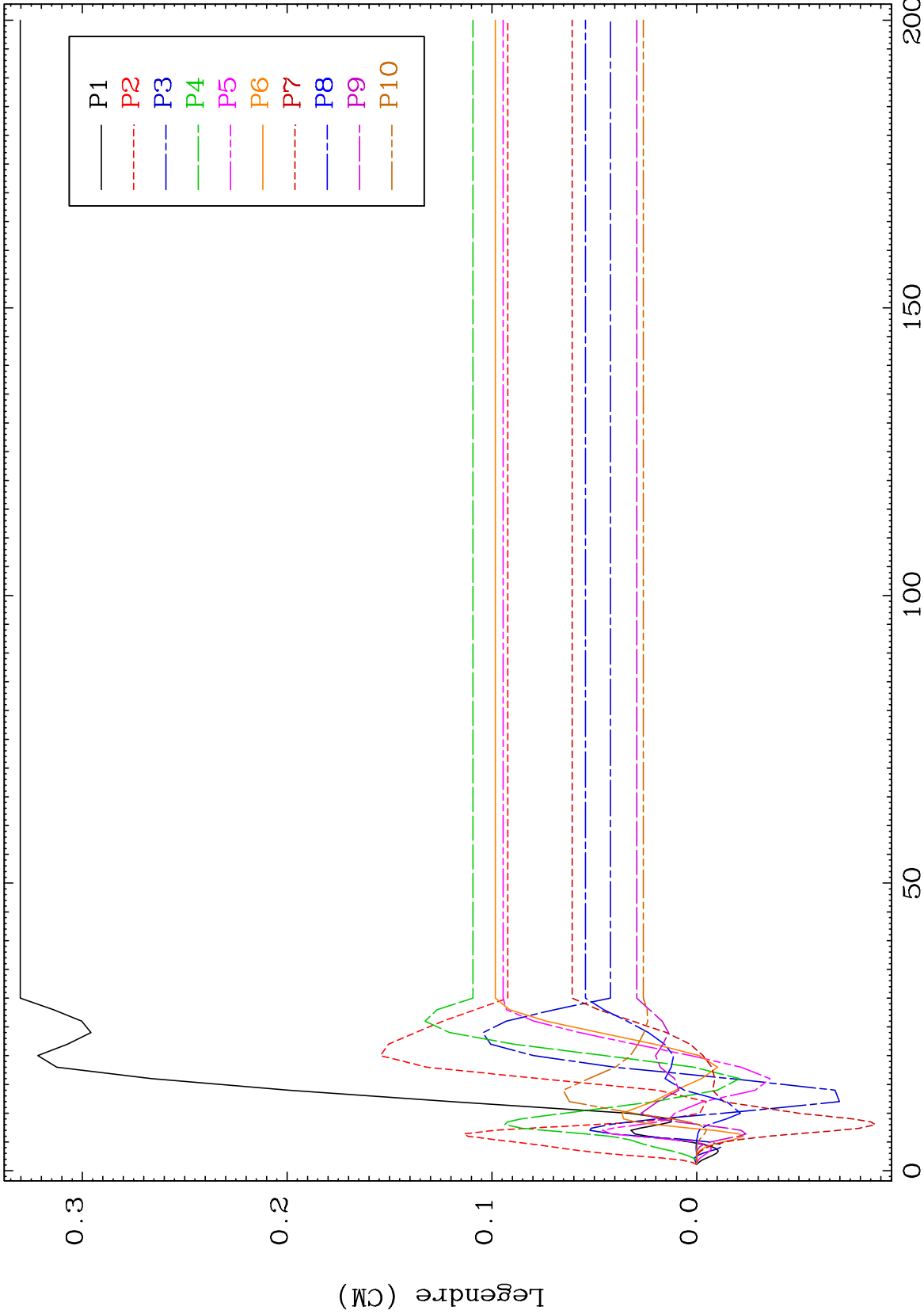


Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204

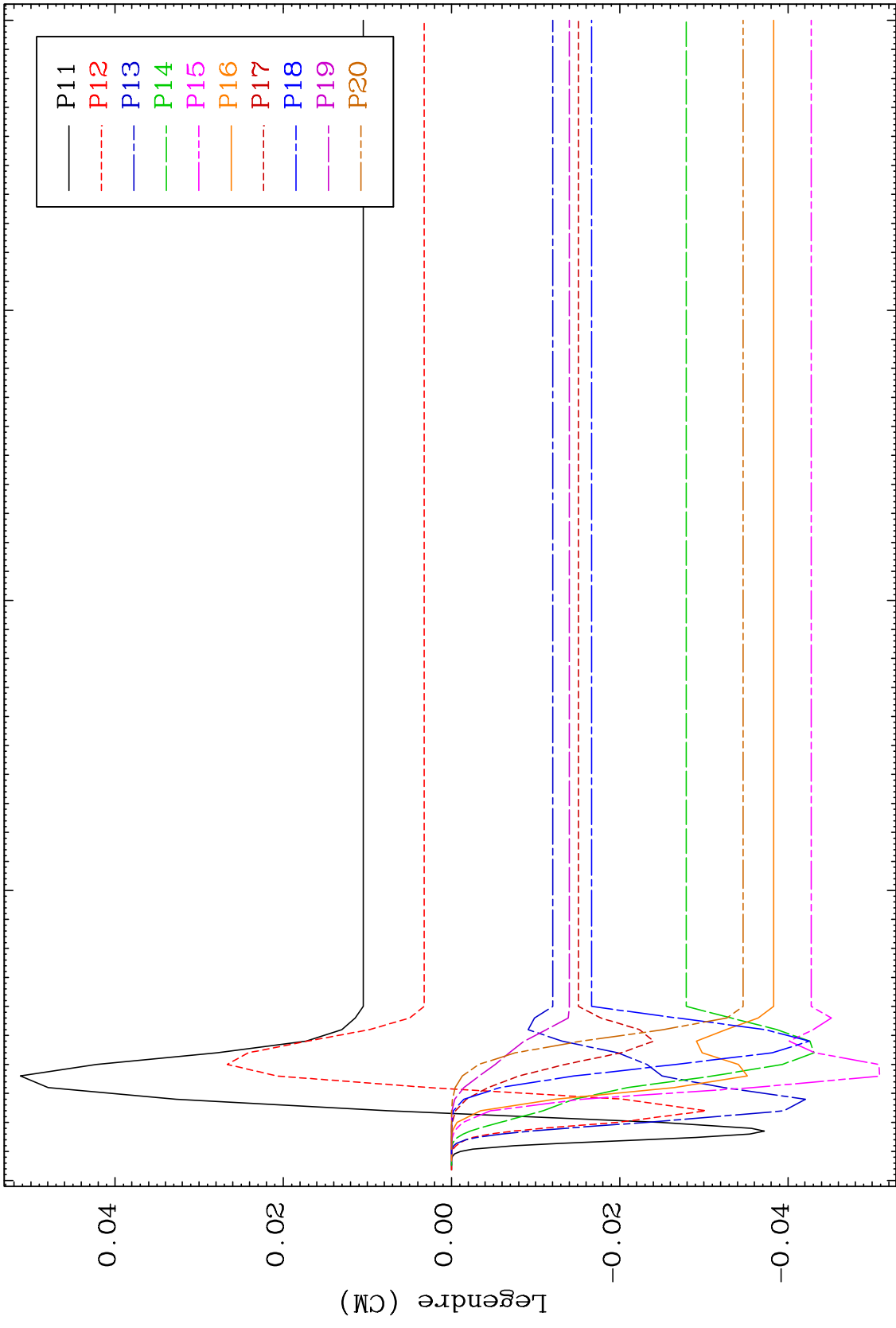


101

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 76 (n,n') Level Legendre Coefficients 81-T1-204

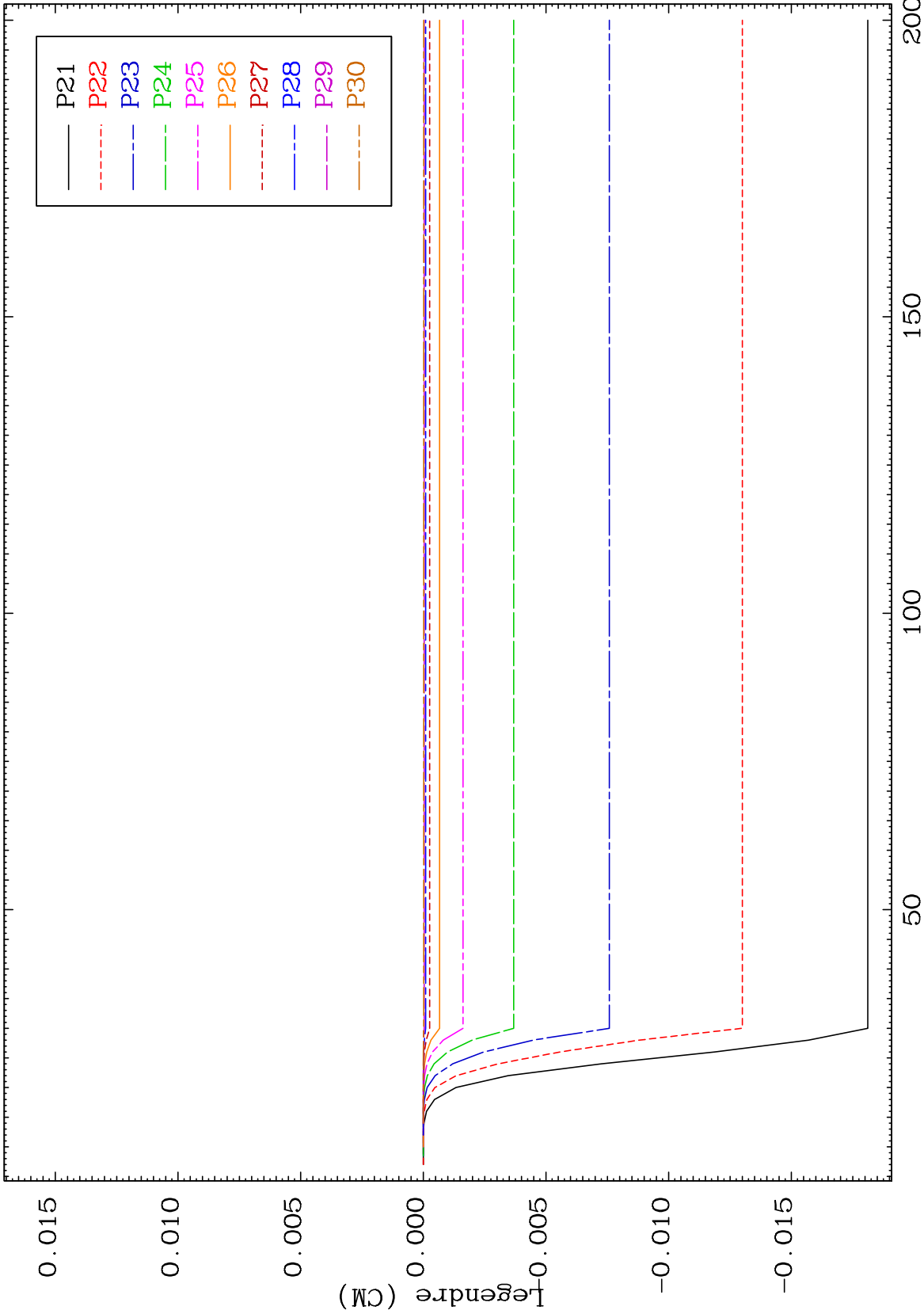


102 Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204

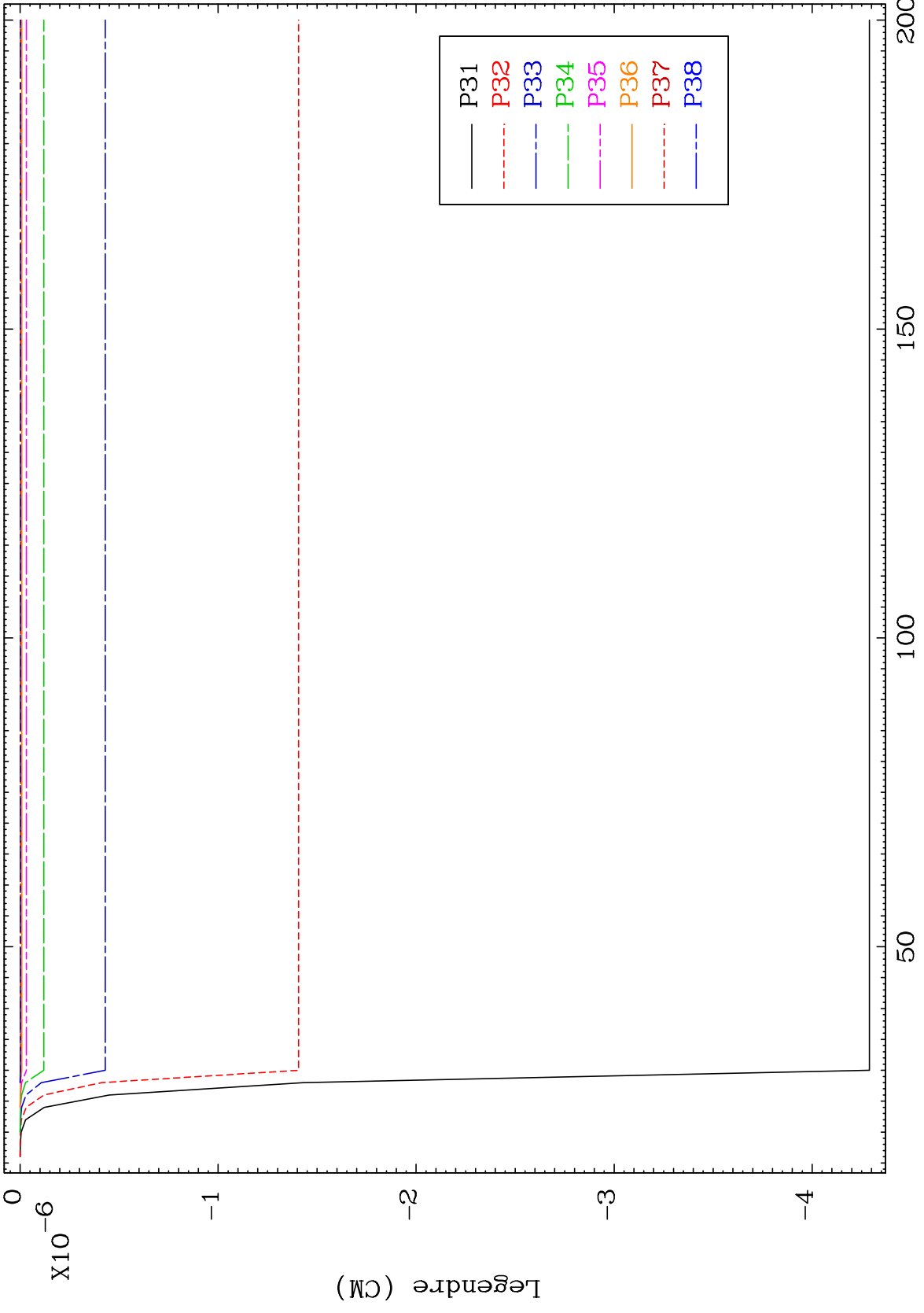


103

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 76 (n,n') Level Legendre Coefficients 81-T1-204

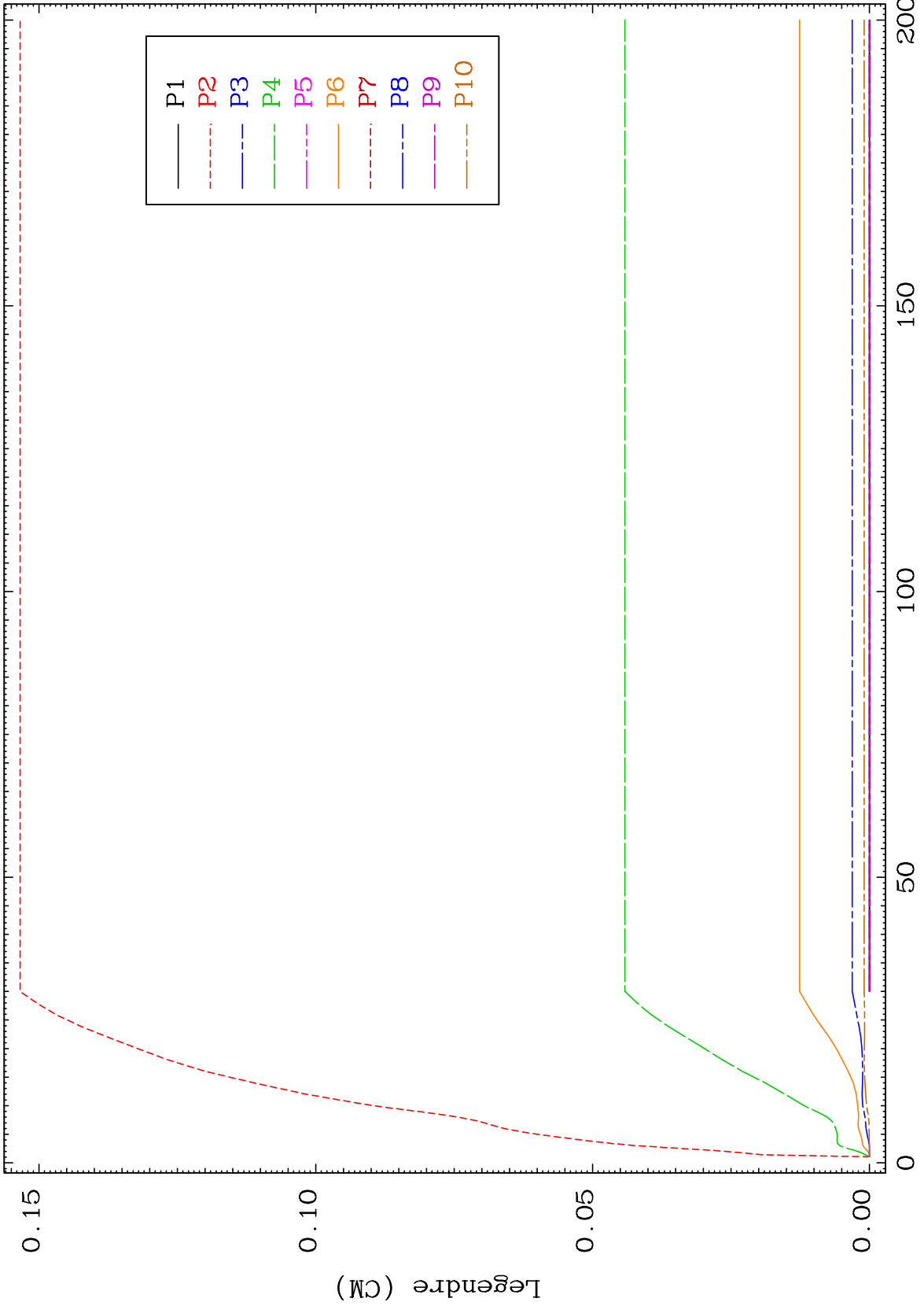


104 Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

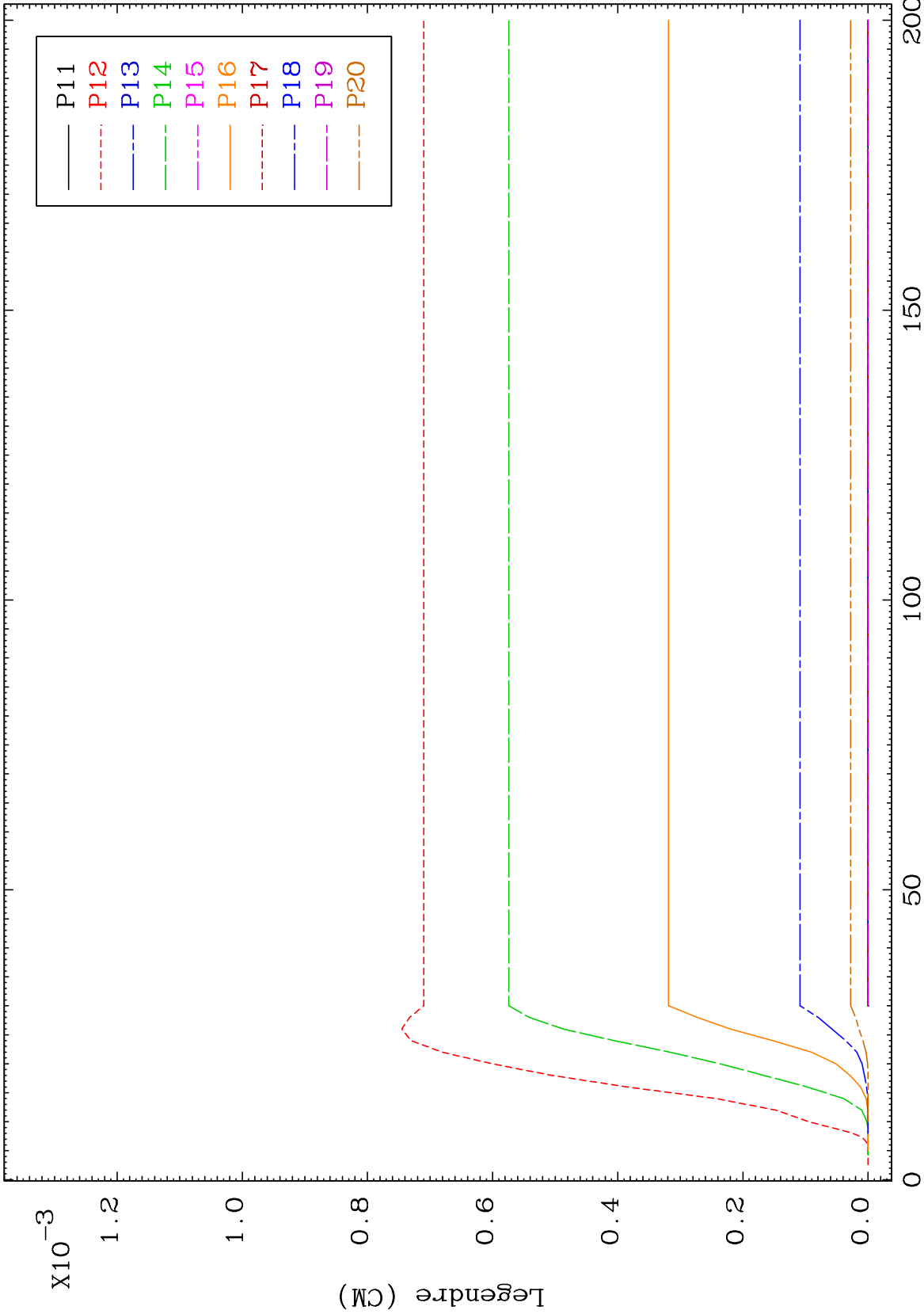
Incident Energy (MeV)

Legendre (CM)

MAT 8128

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

81-T1-204



106

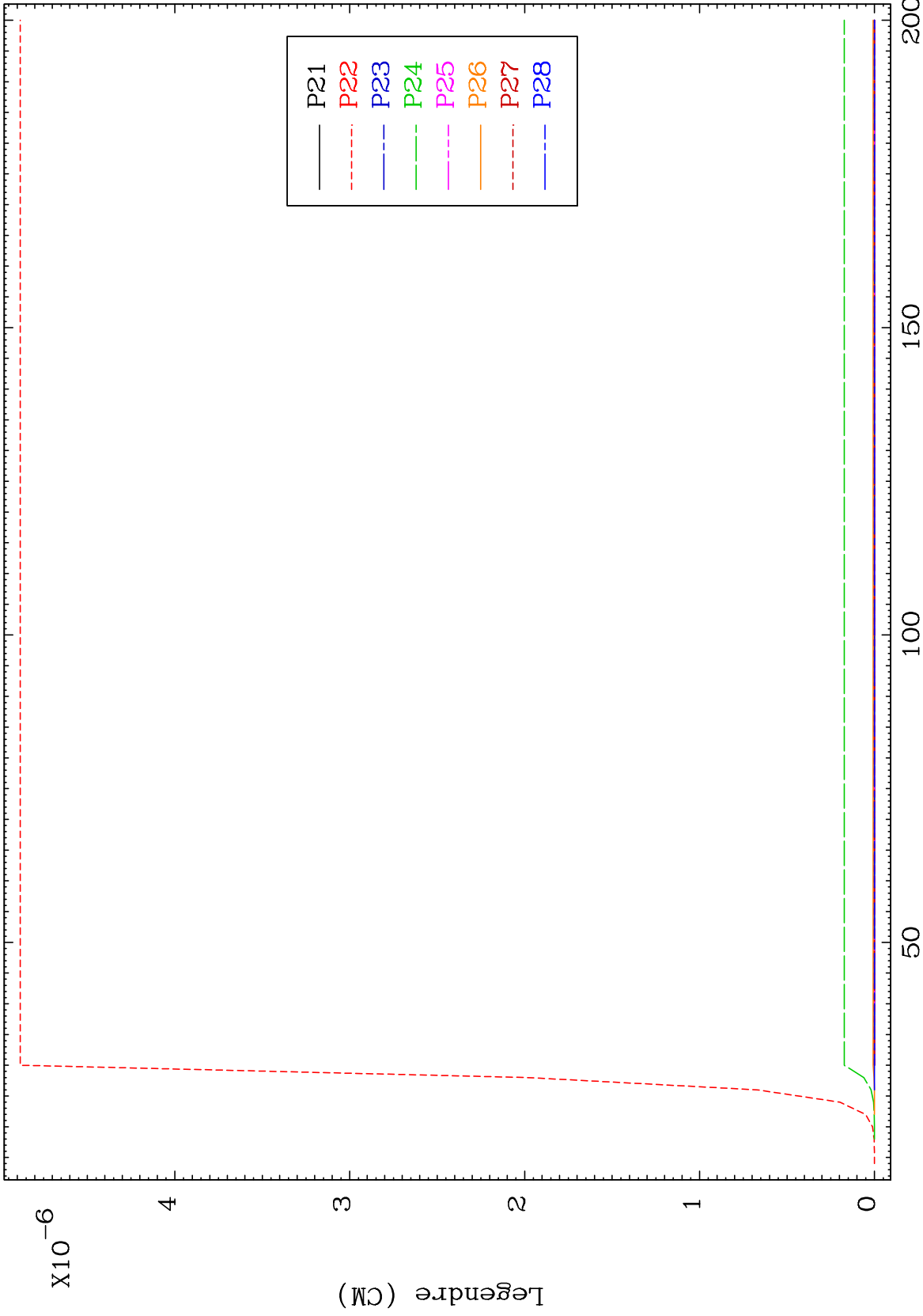
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



107

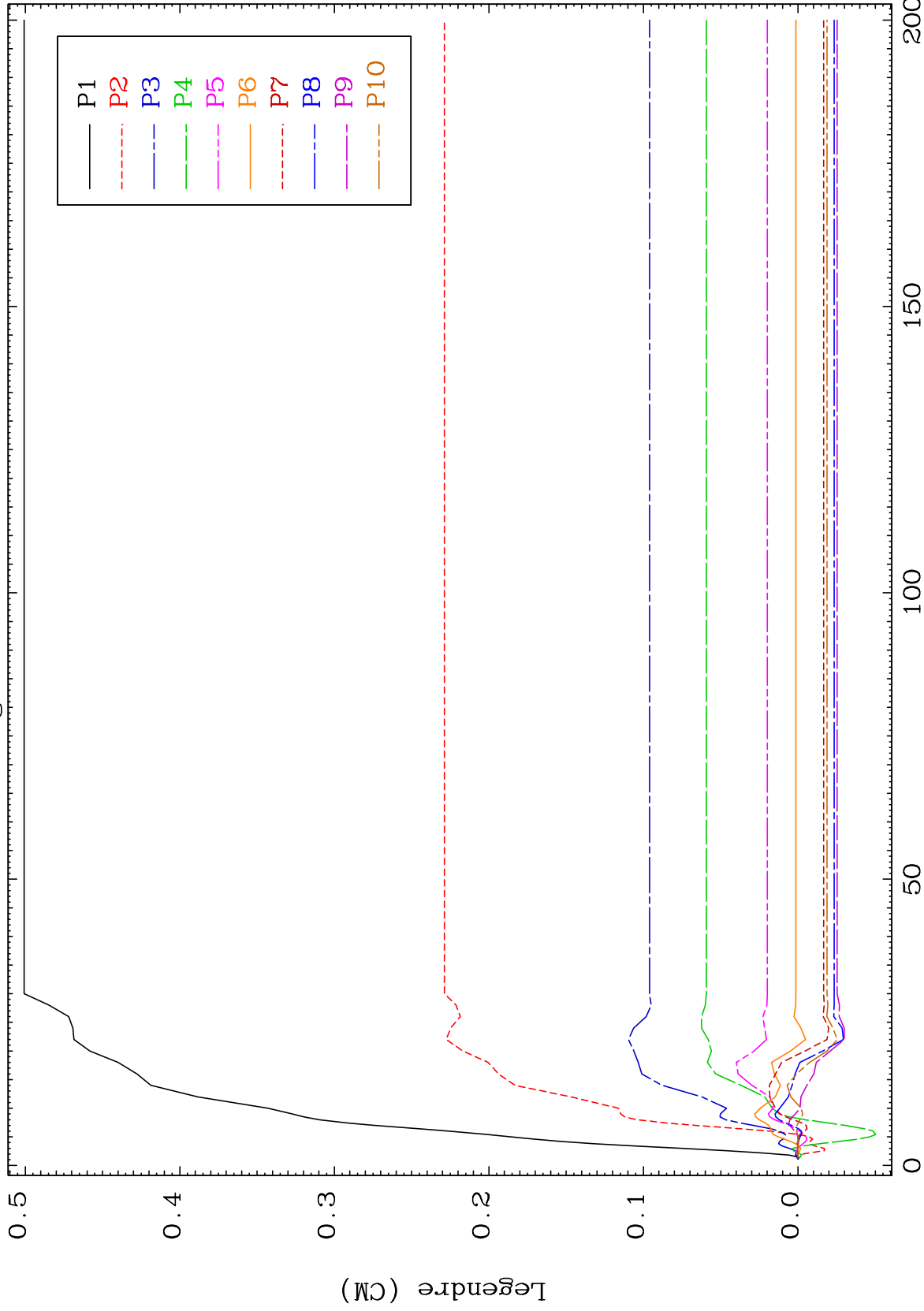
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



108

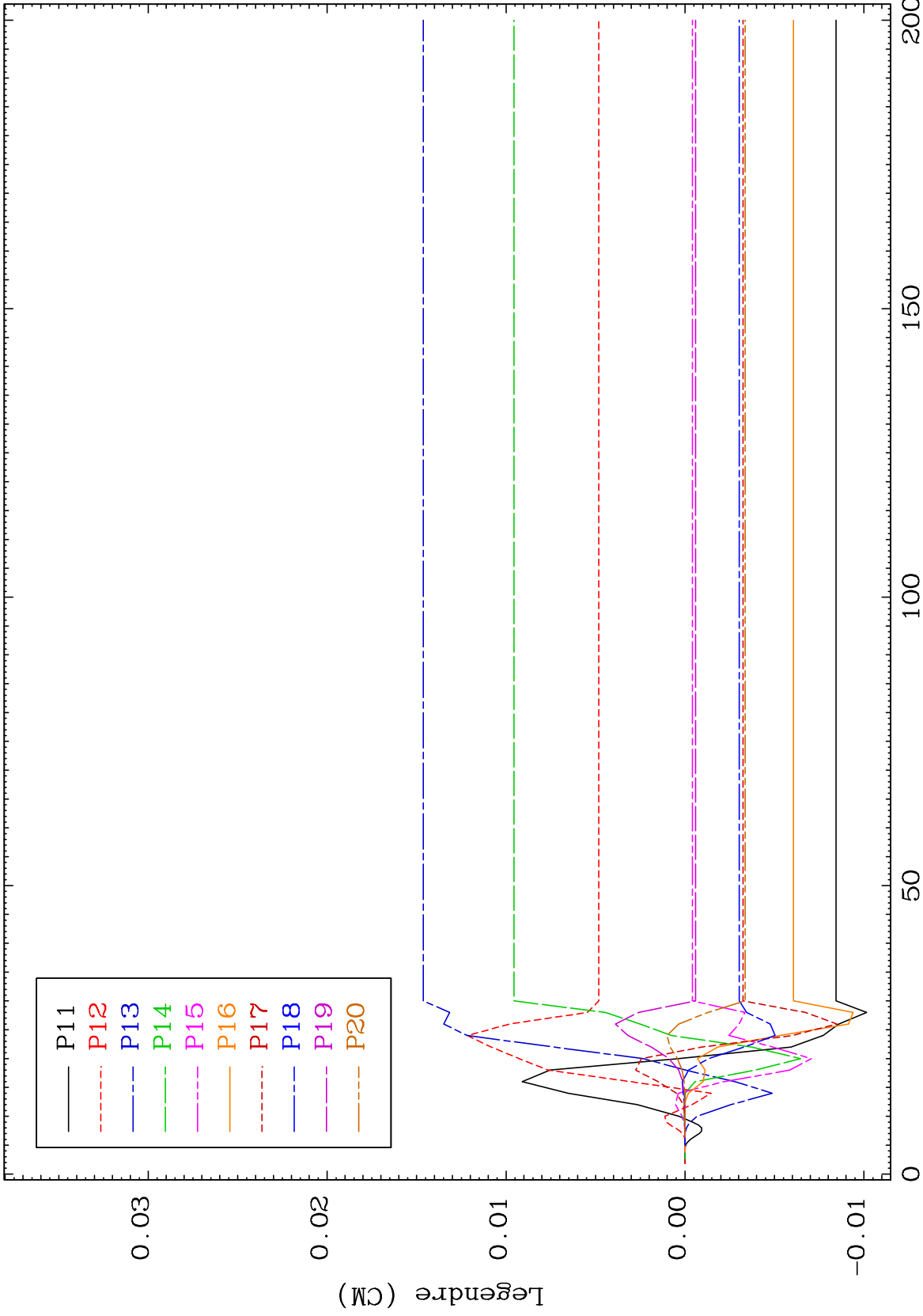
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



109

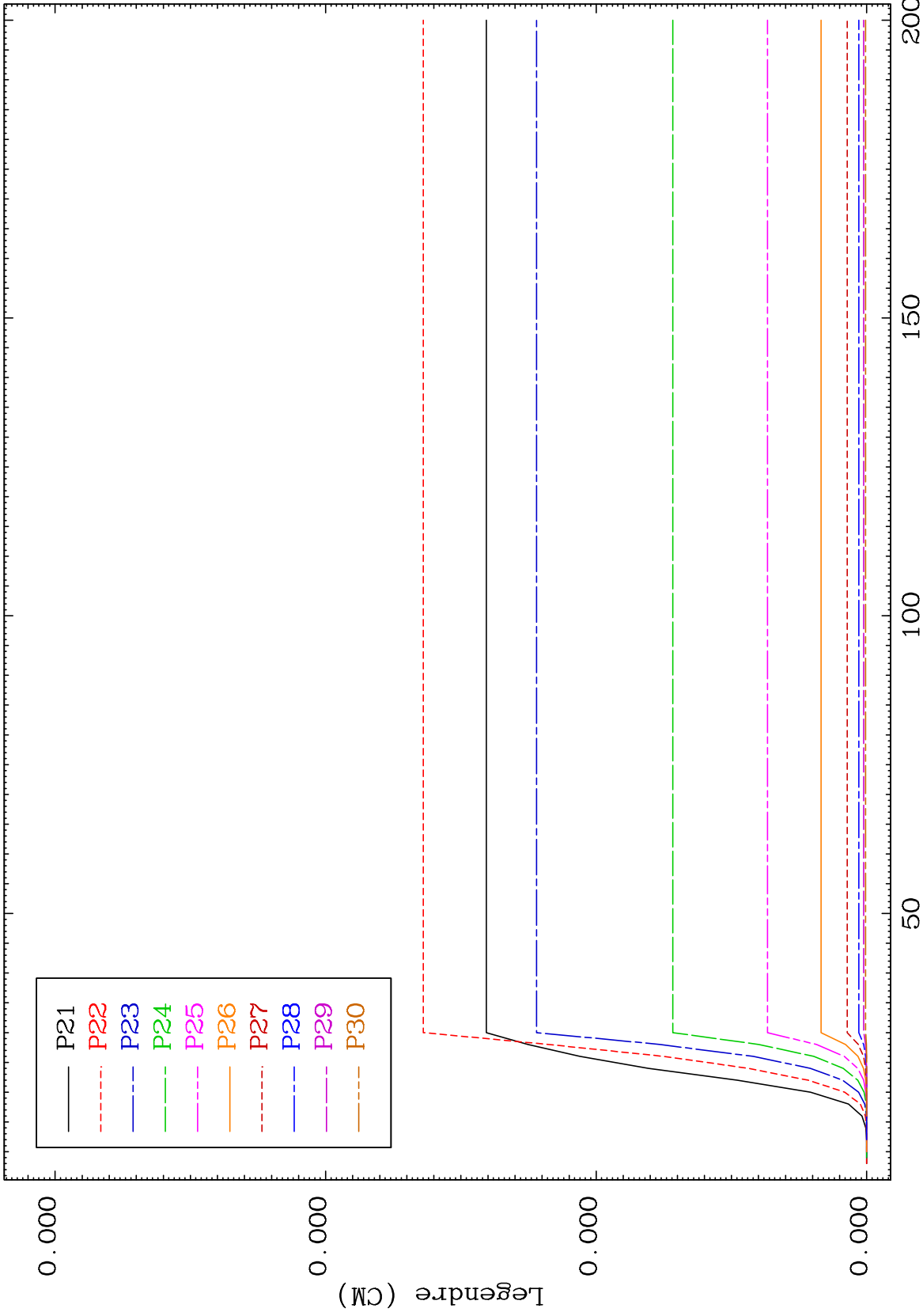
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



110

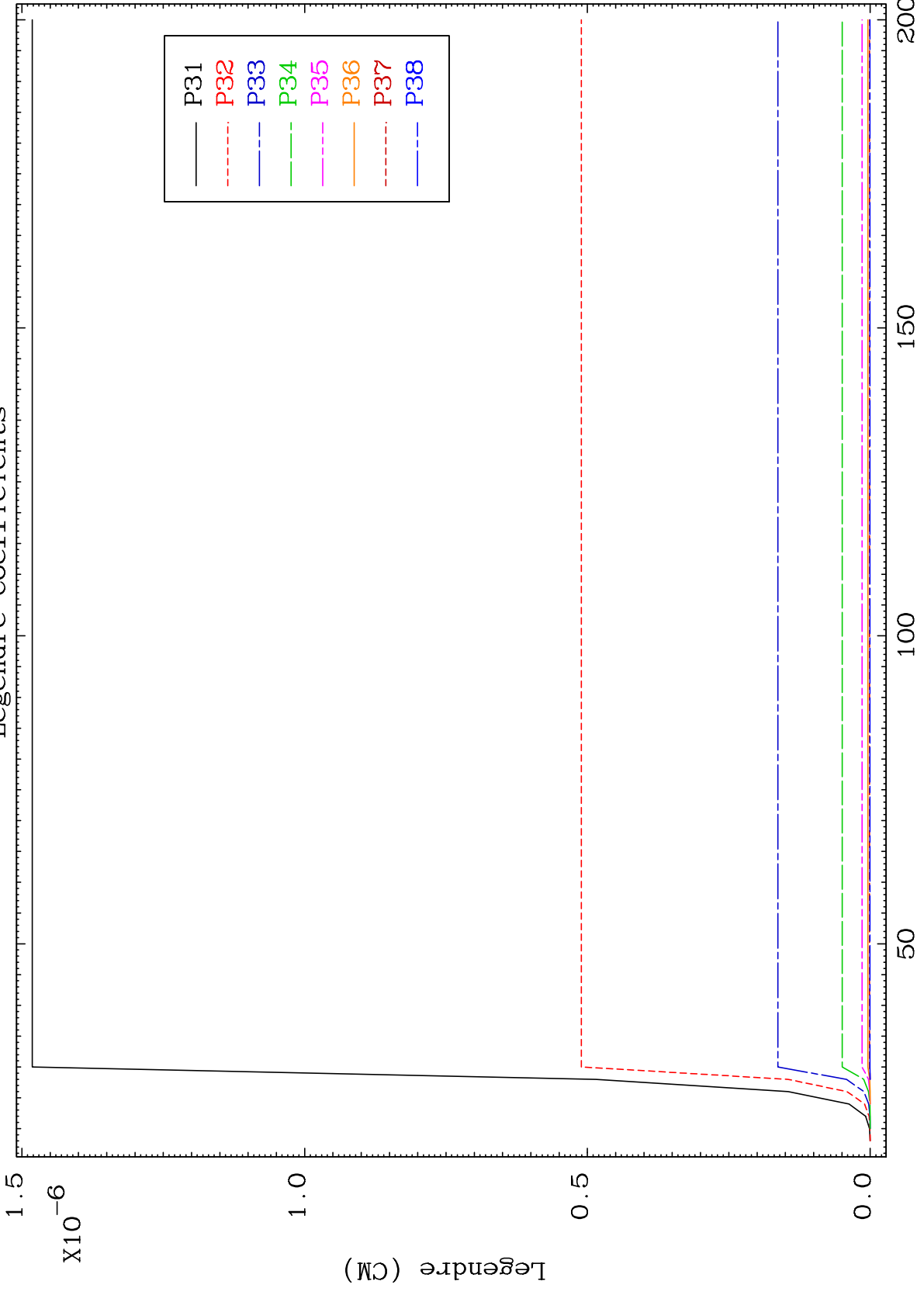
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

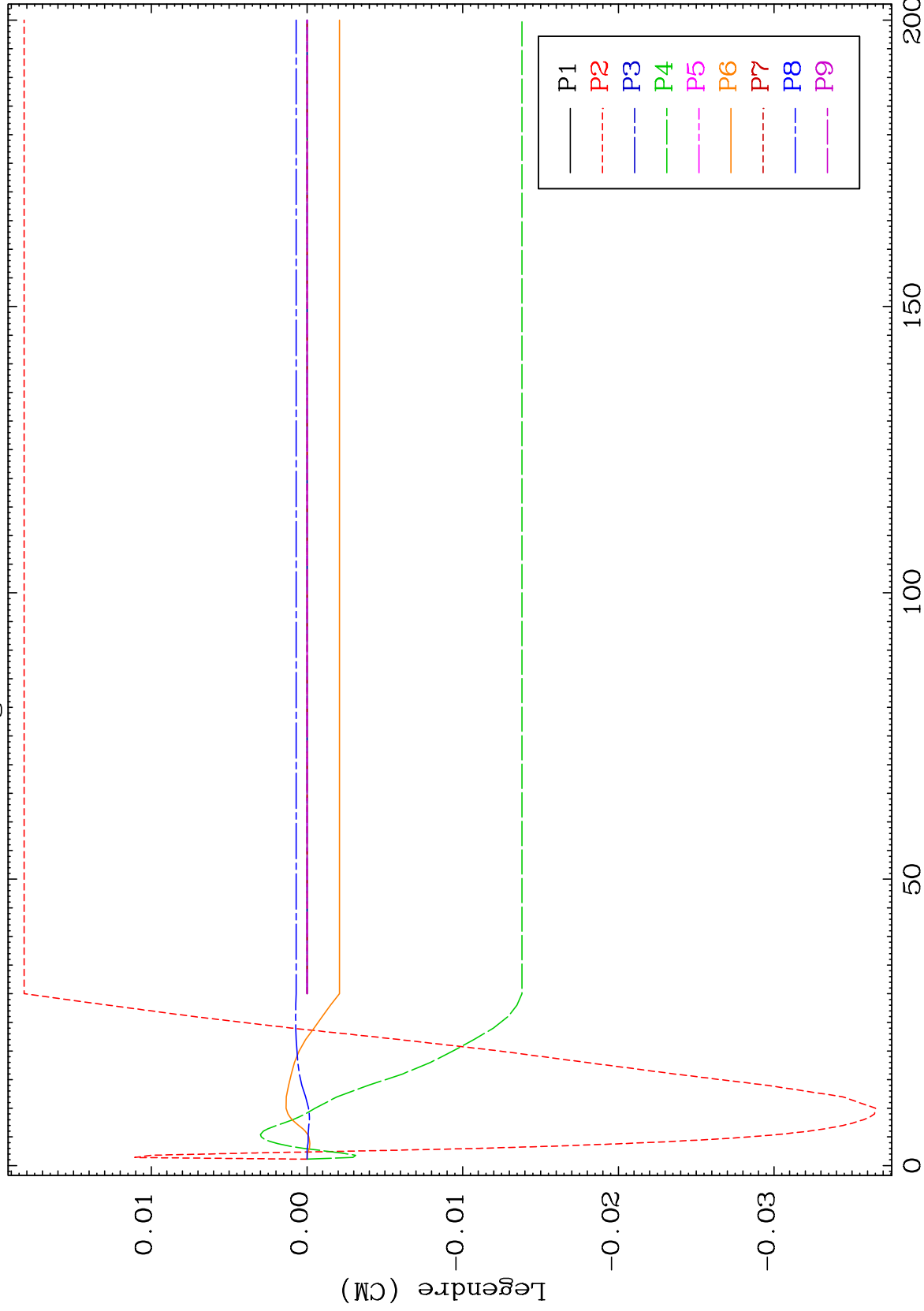
Incident Energy (MeV)

111

MAT 8128

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

81-T1-204



112

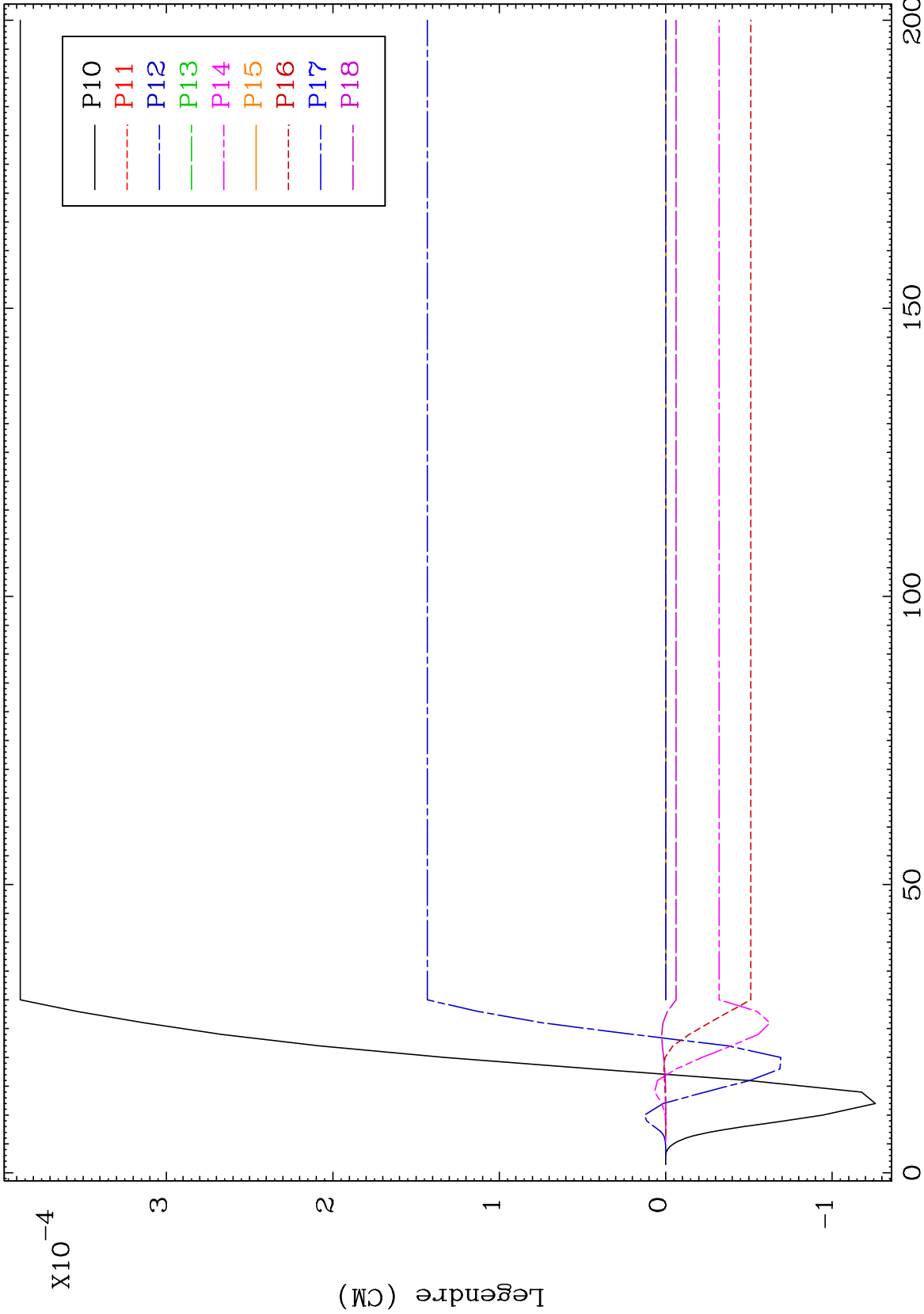
Incident Energy (MeV)

81-T1-204

MAT 8128

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

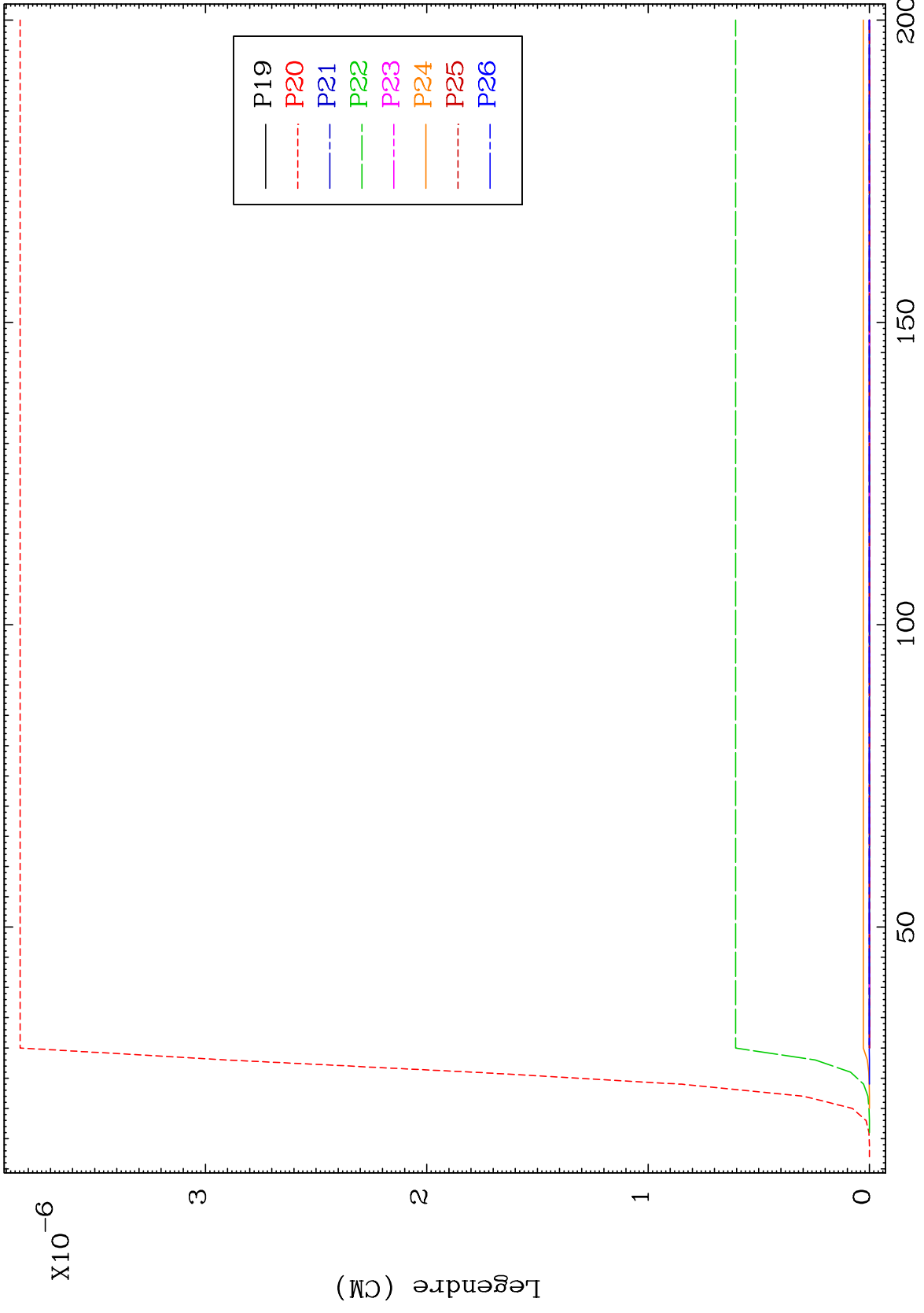
81-T1-204



113

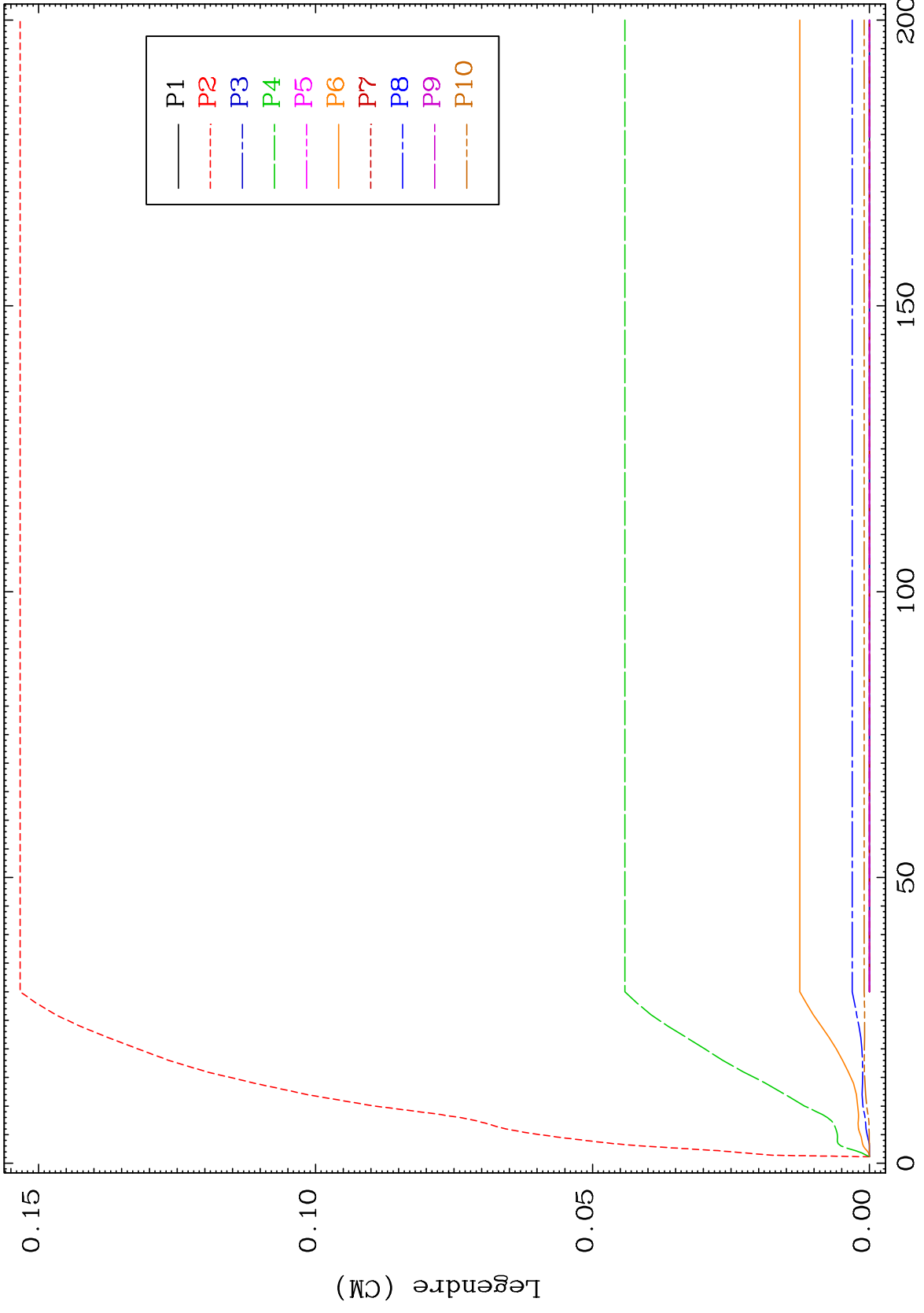
81-T1-204

MAT 8128 MT= 79 (n,n') Level Legendre Coefficients 81-T1-204



114 81-T1-204

MAT 8128 MT= 80 (n,n') Level Legendre Coefficients 81-T1-204

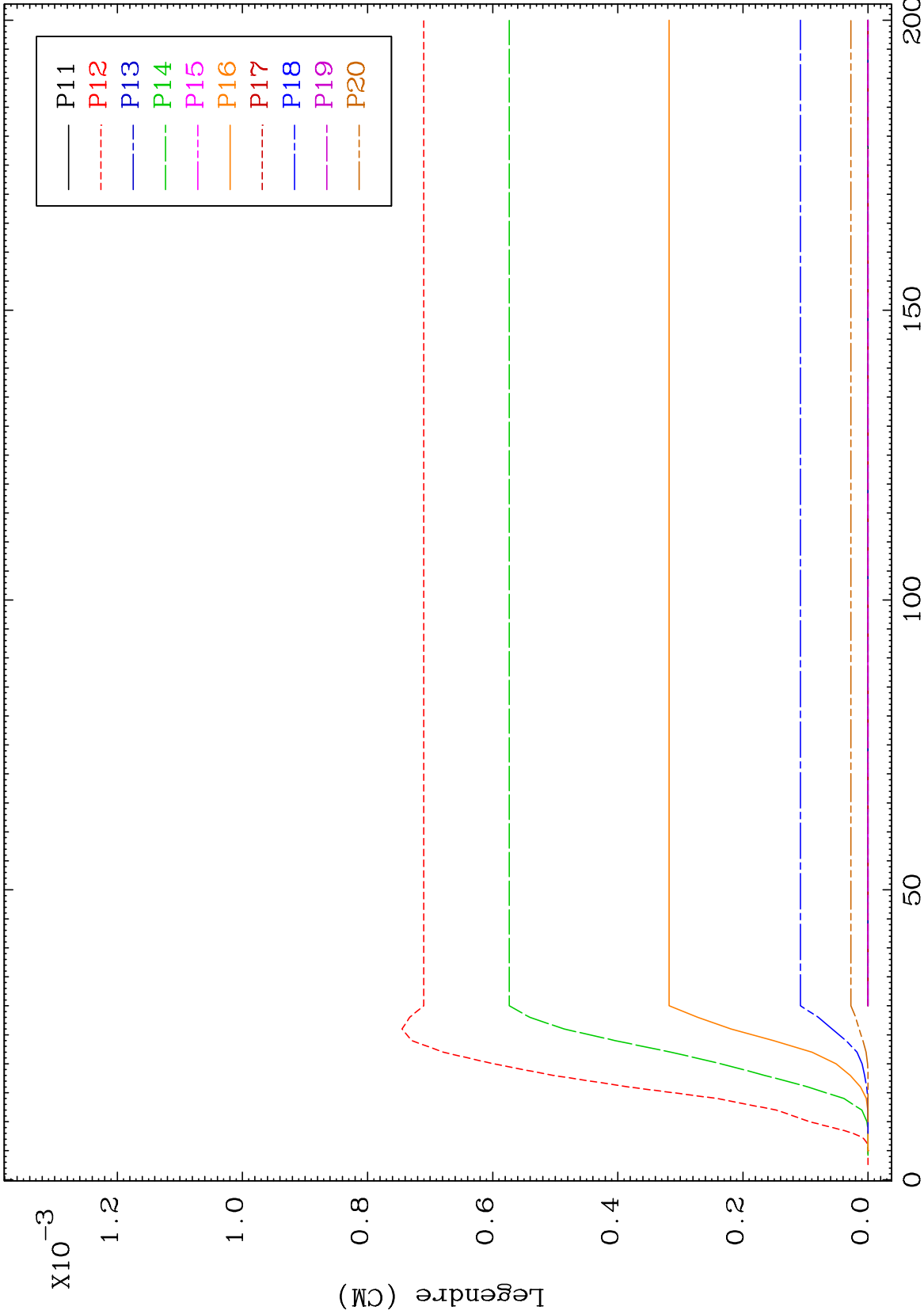


115 Incident Energy (MeV) 81-T1-204

MAT 8128

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

81-T1-204

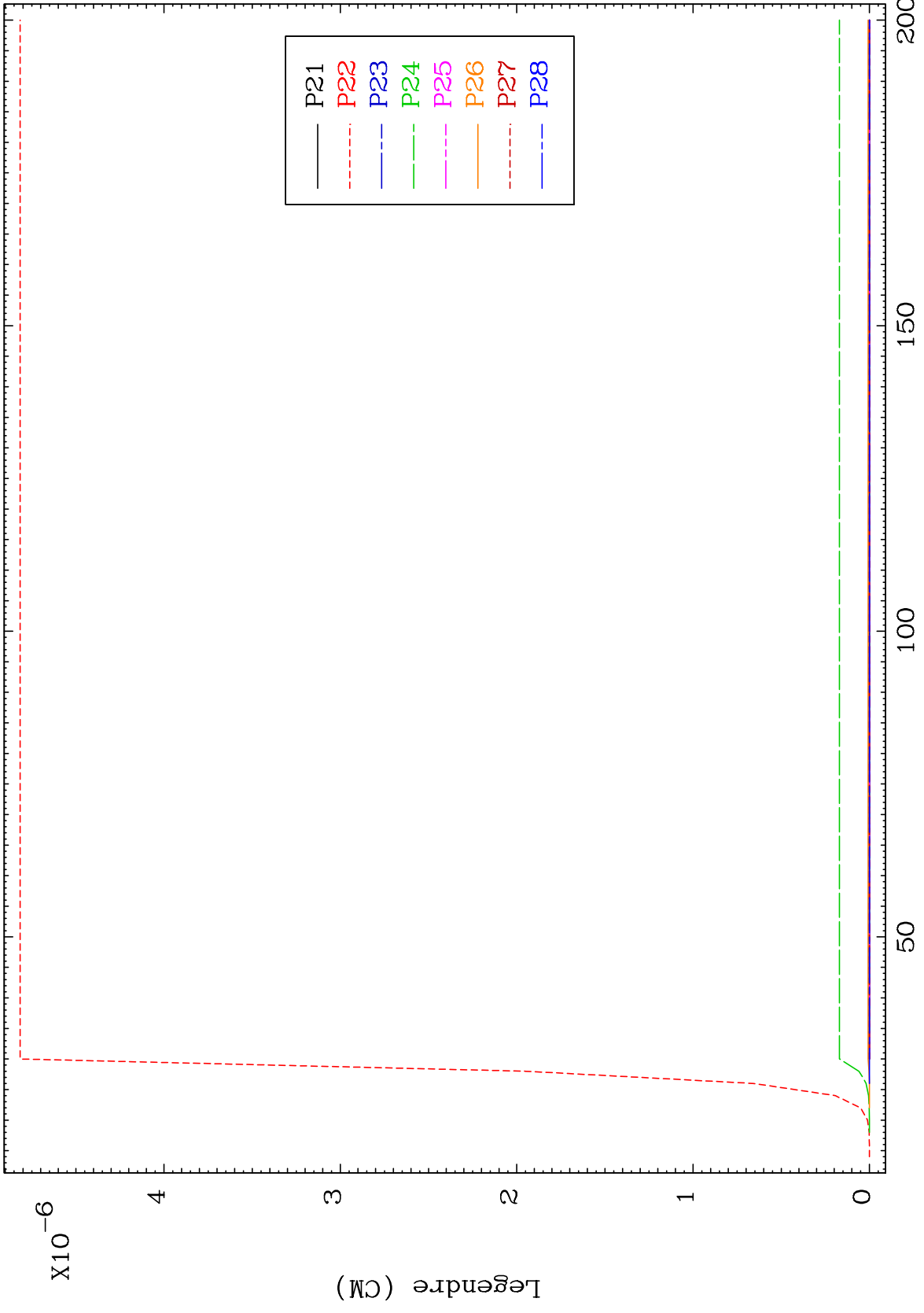


116

Incident Energy (MeV)

81-T1-204

MAT 8128 MT= 80 (n,n') Level Legendre Coefficients 81-T1-204

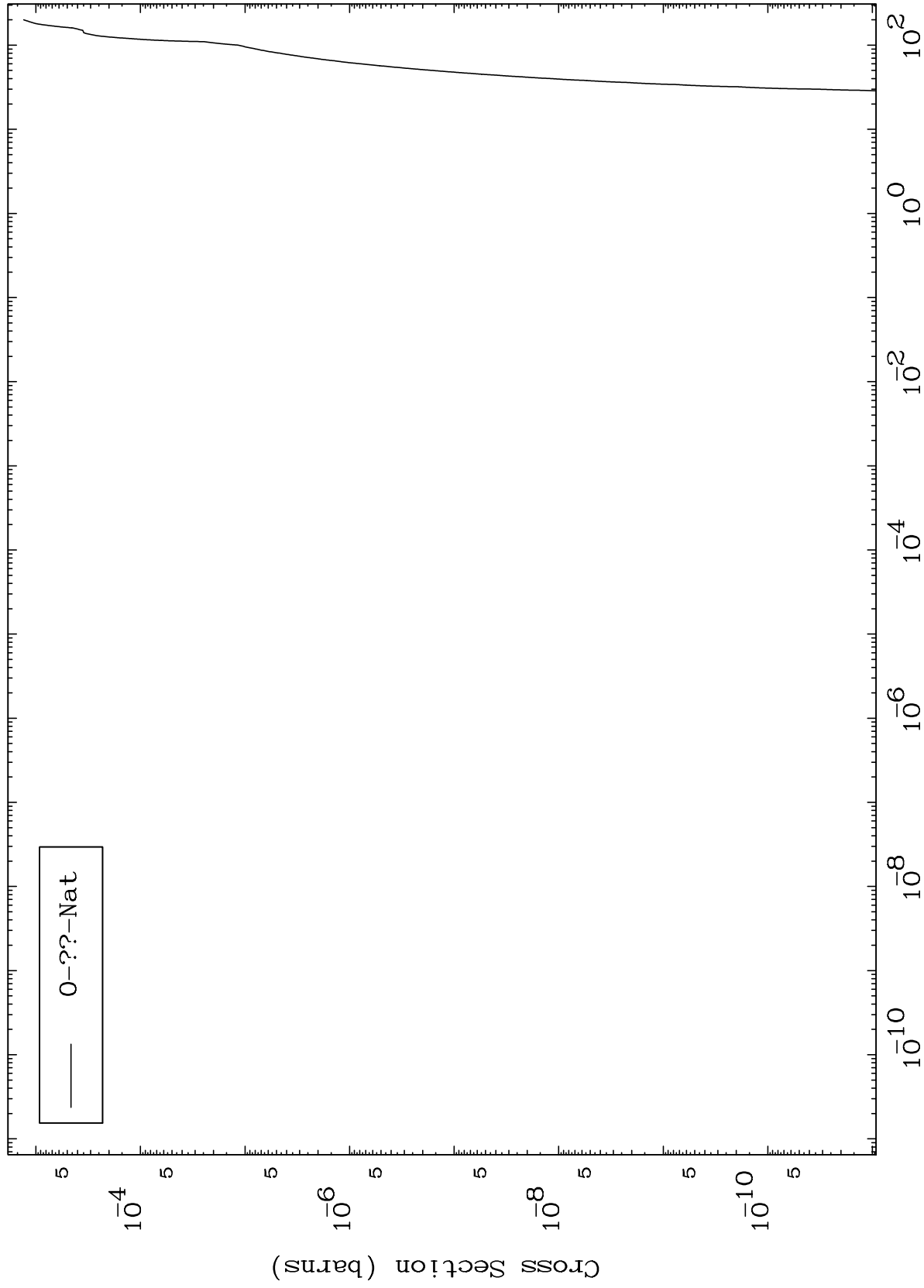


117 81-T1-204

MAT 8128

Fission
Radionuclide Production Cross Section

81-Tl-204



118

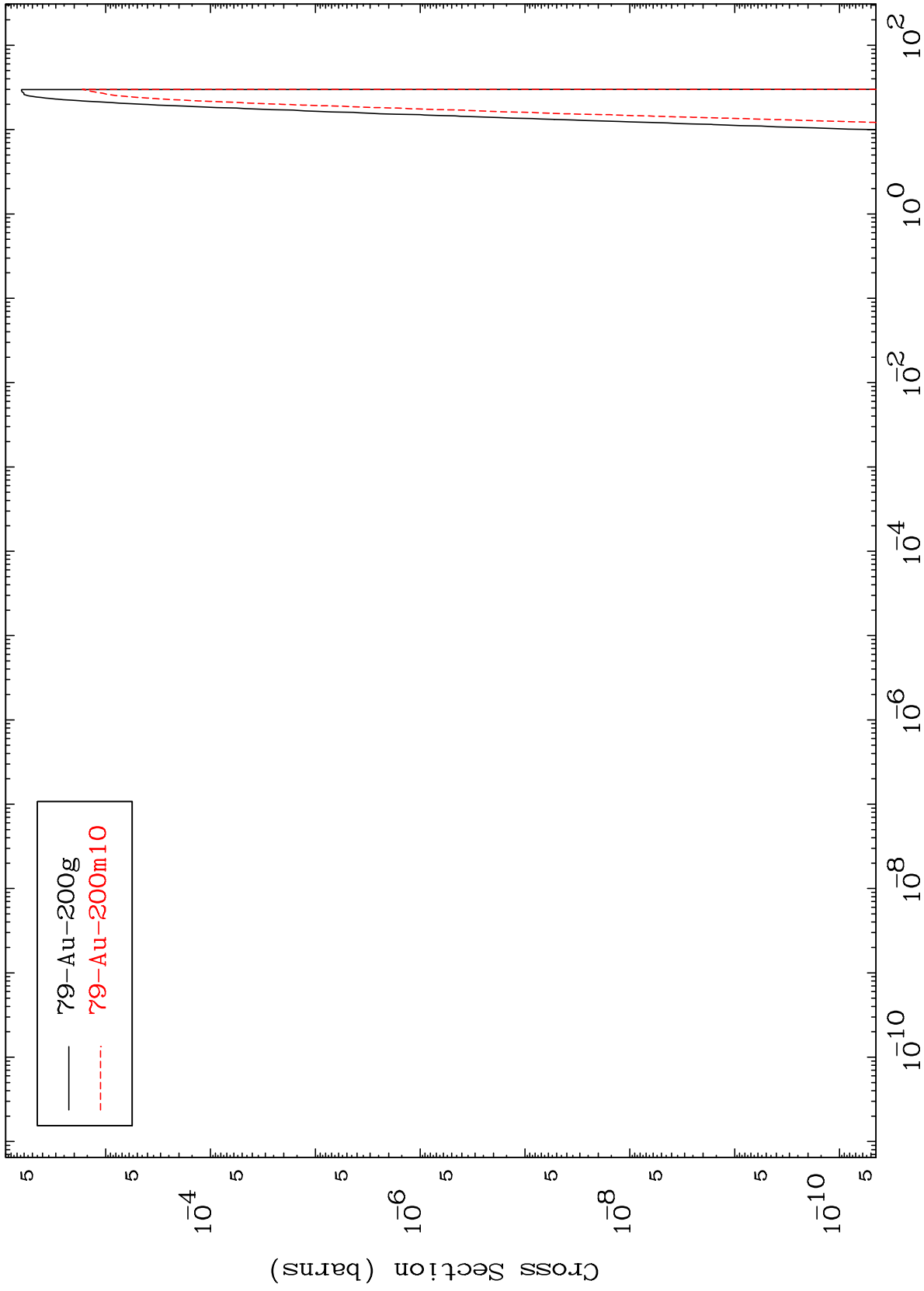
81-Tl-204

MAT 8128

(n,n') α

81-Tl-204

Radionuclide Production Cross Section



119

Incident Energy (MeV)

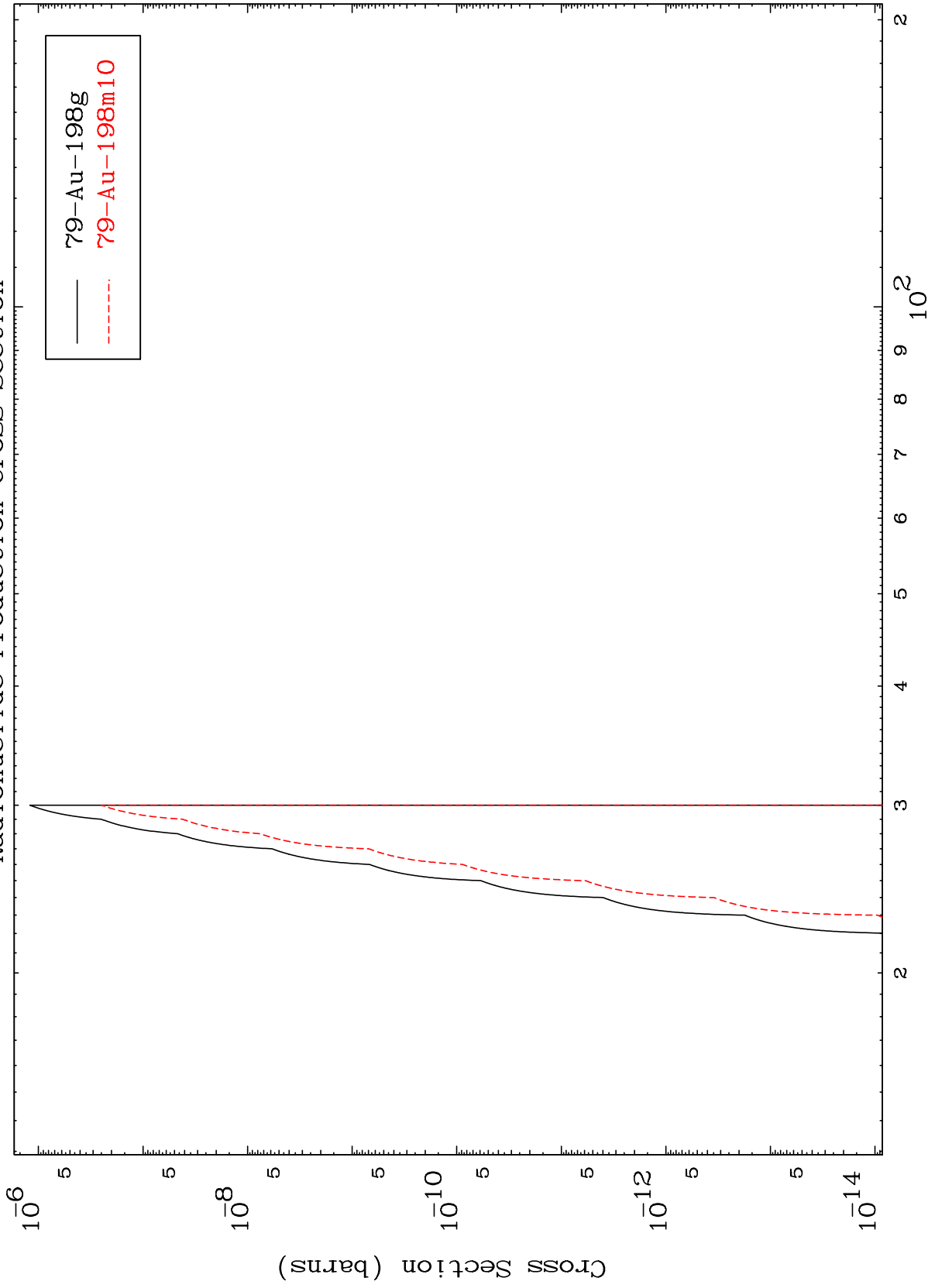
81-Tl-204

MAT 8128

(n,3n) α

81-Tl-204

Radionuclide Production Cross Section



120

Incident Energy (MeV)

81-Tl-204