

Program EVALPLOT
(Version 2021-1)

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

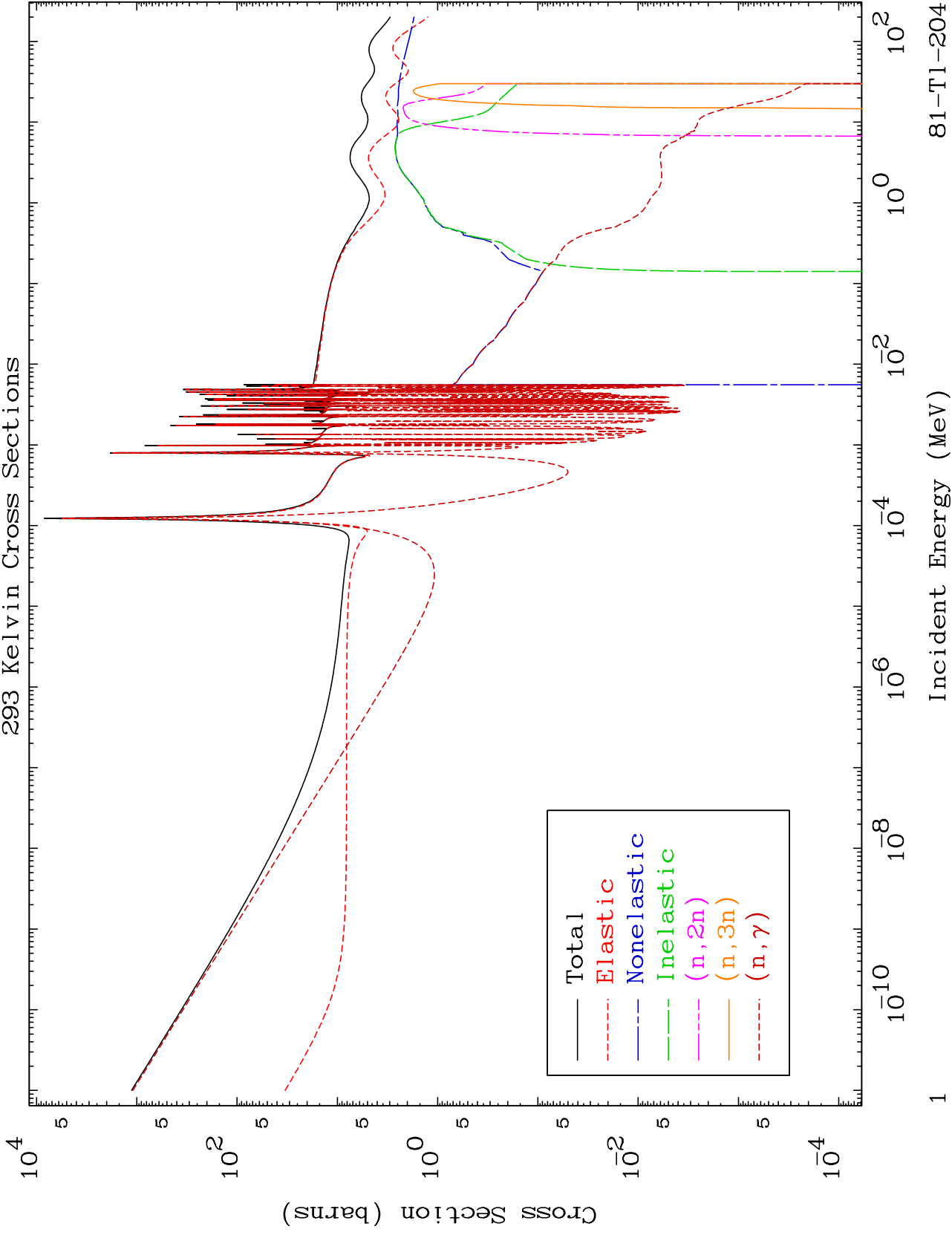
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8128

Neutron Major
293 Kelvin Cross Sections

81-Tl-204

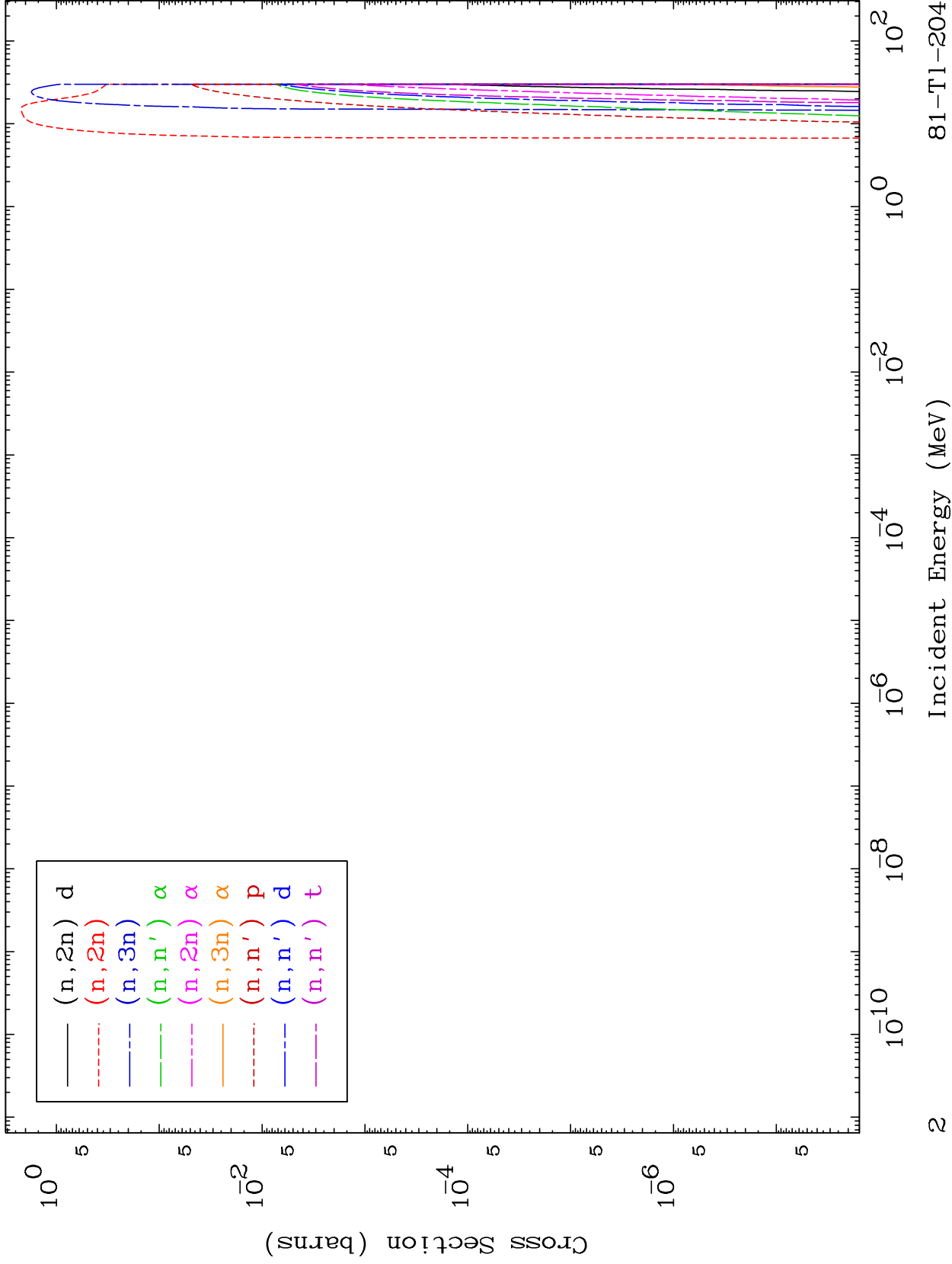


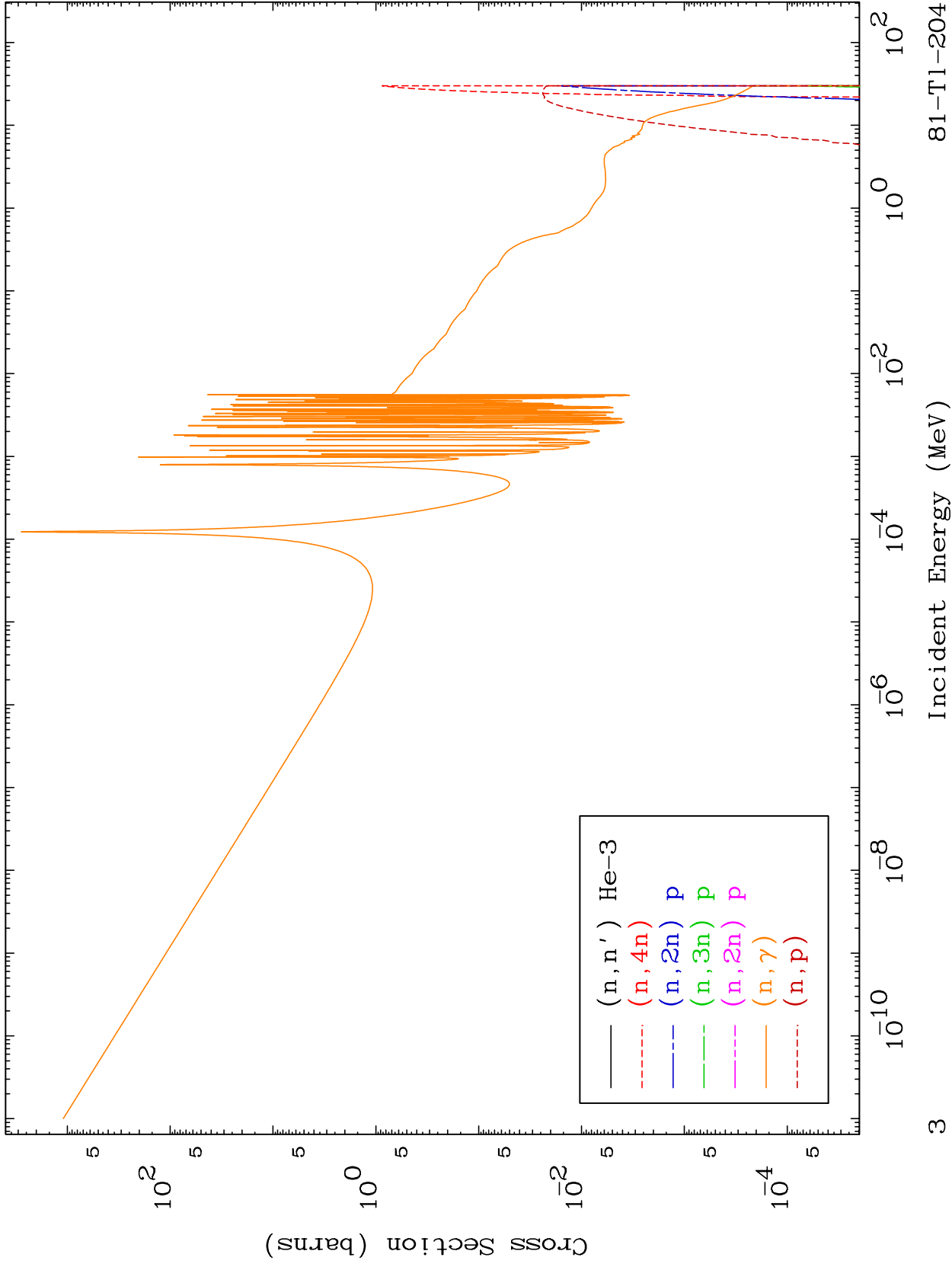
81-Tl-204

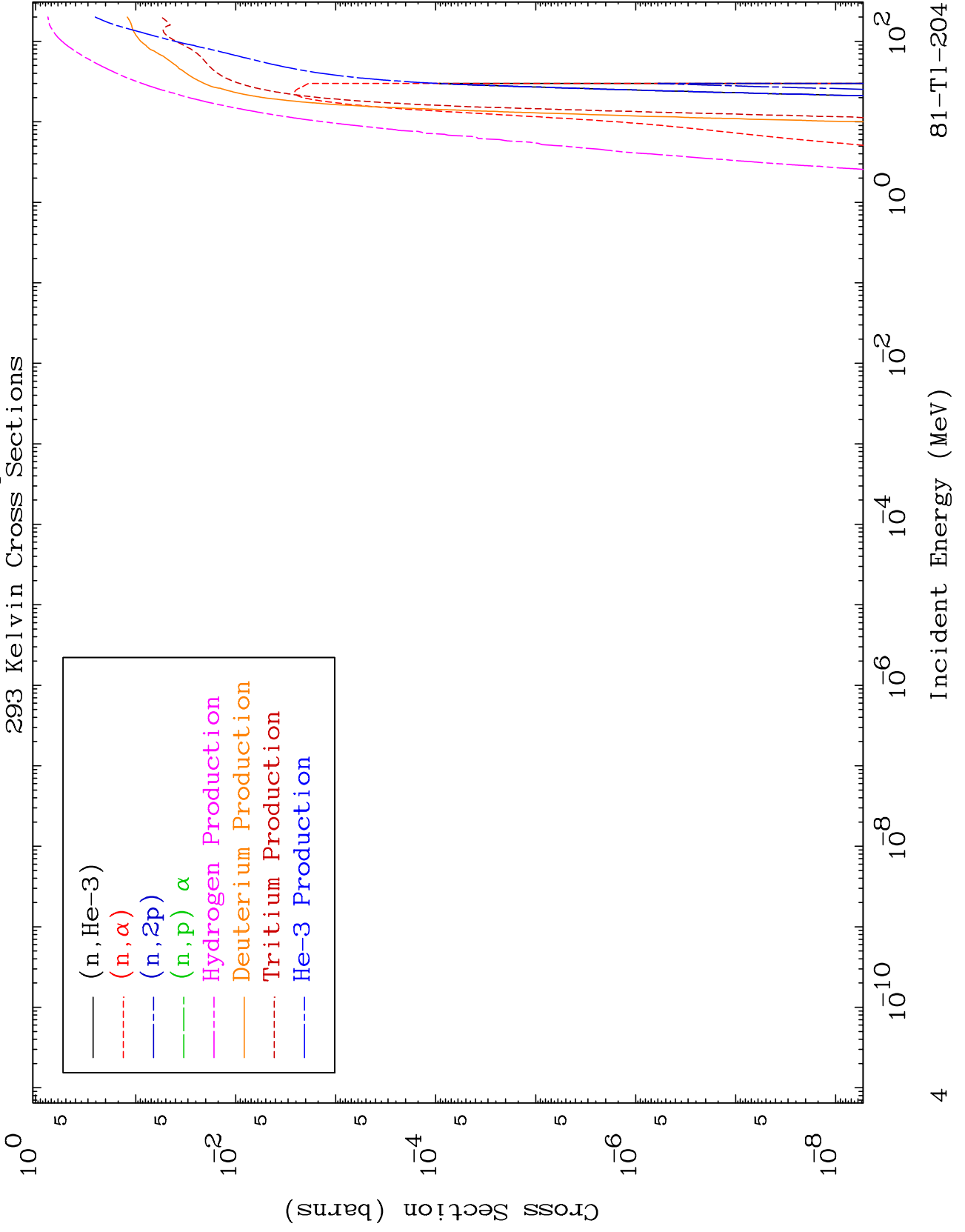
MAT 8128

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-204



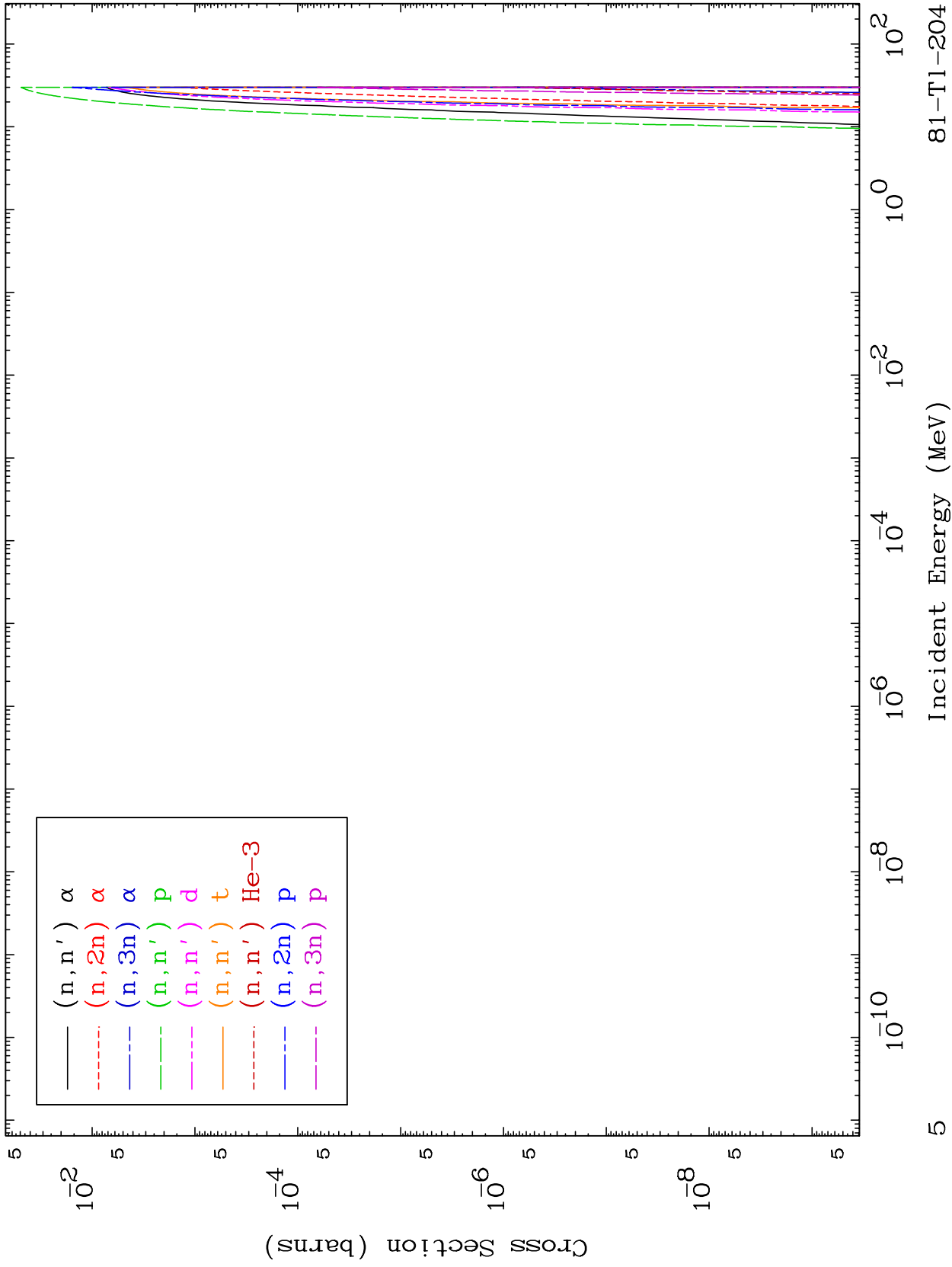


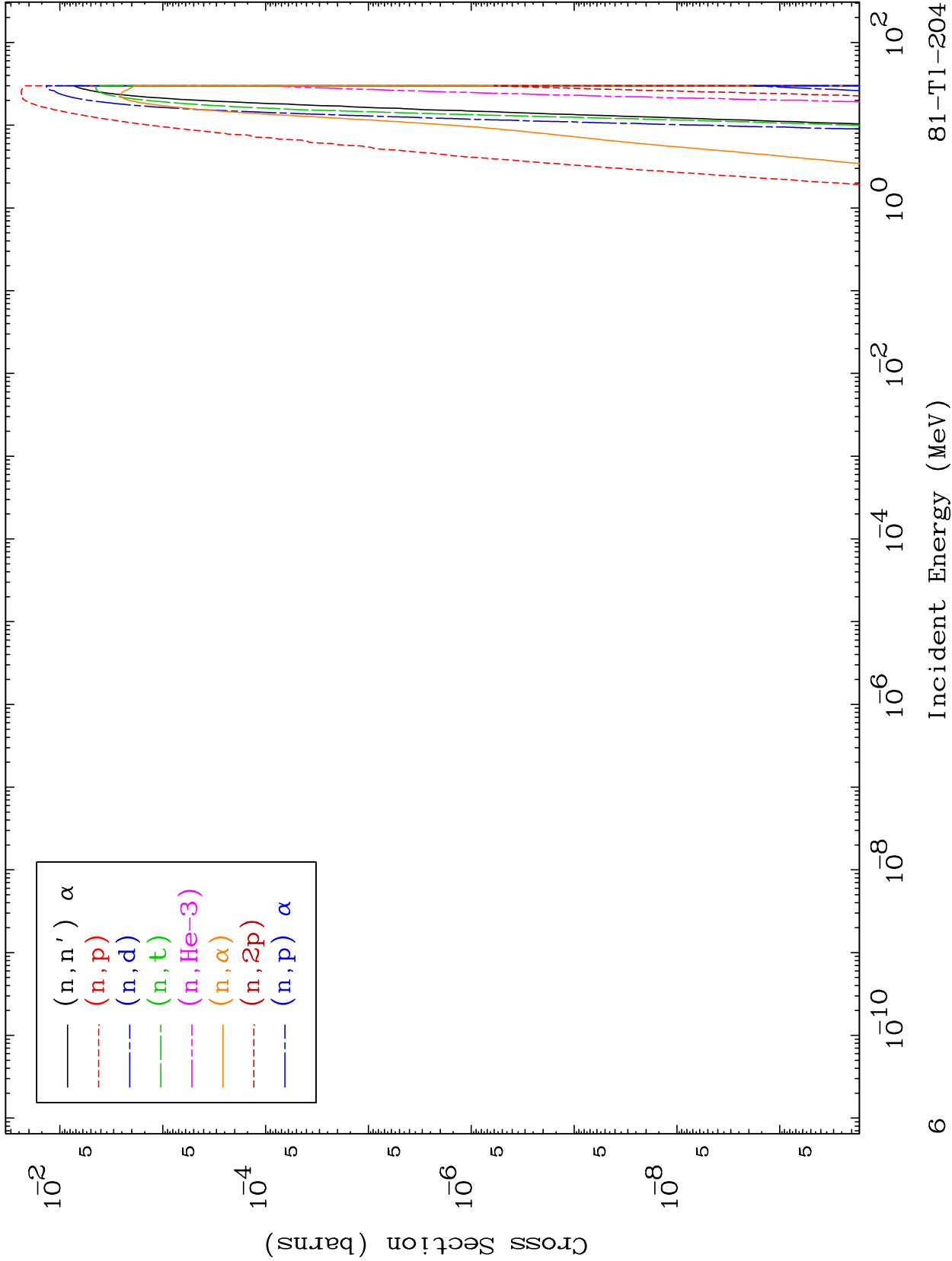


MAT 8128

Charged Particle
293 Kelvin Cross Sections

81-Tl-204

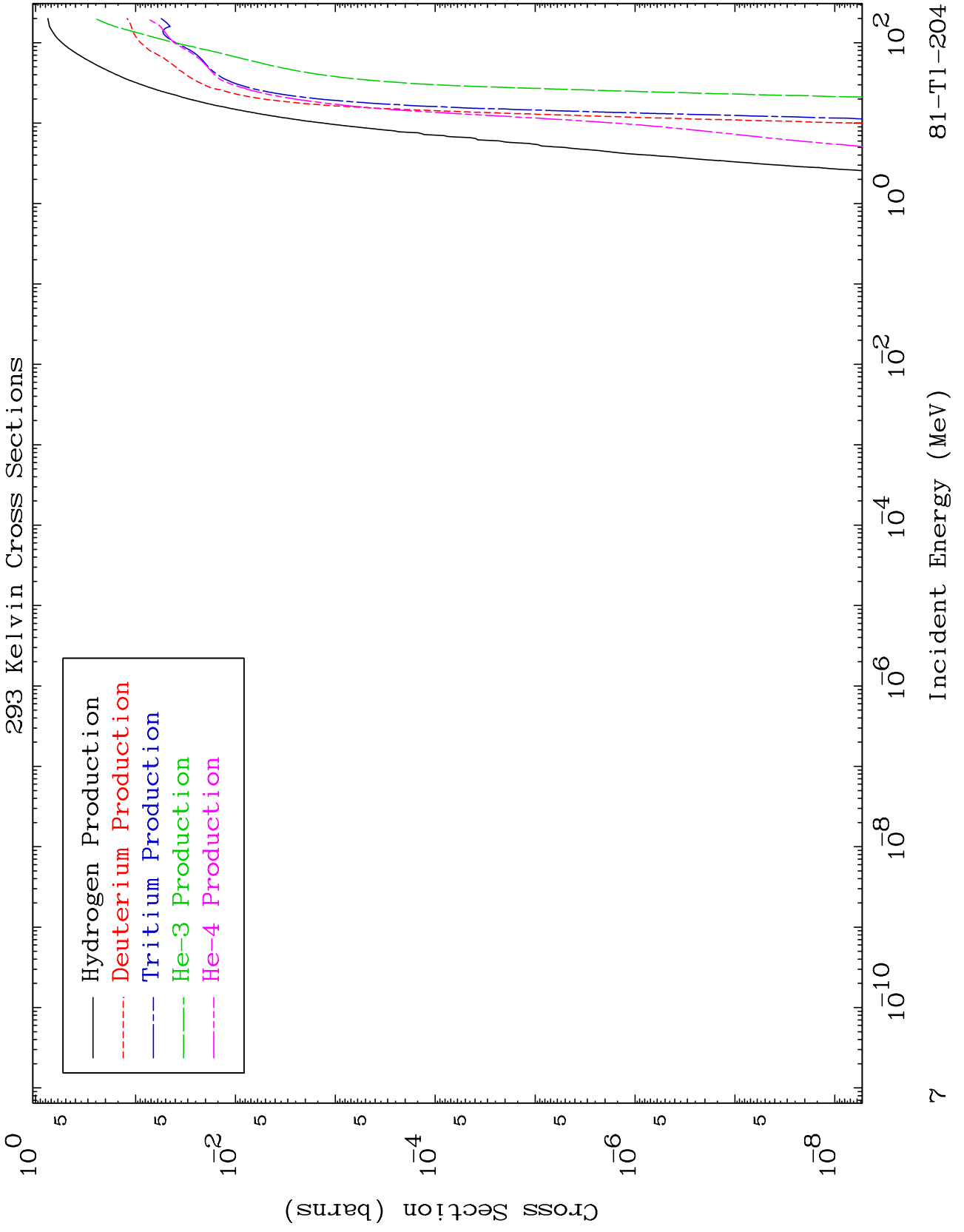




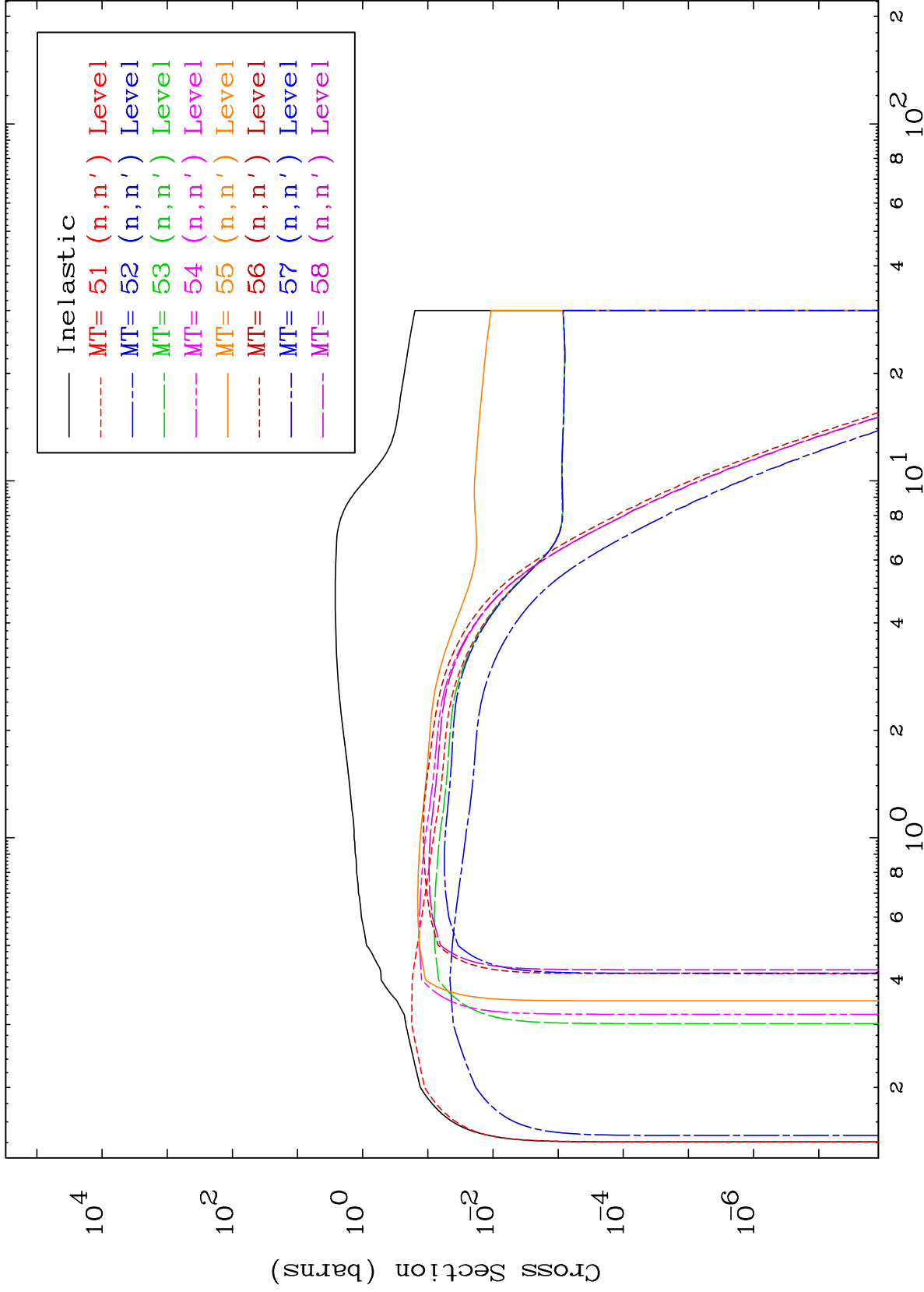
MAT 8128

Particle Production
293 Kelvin Cross Sections

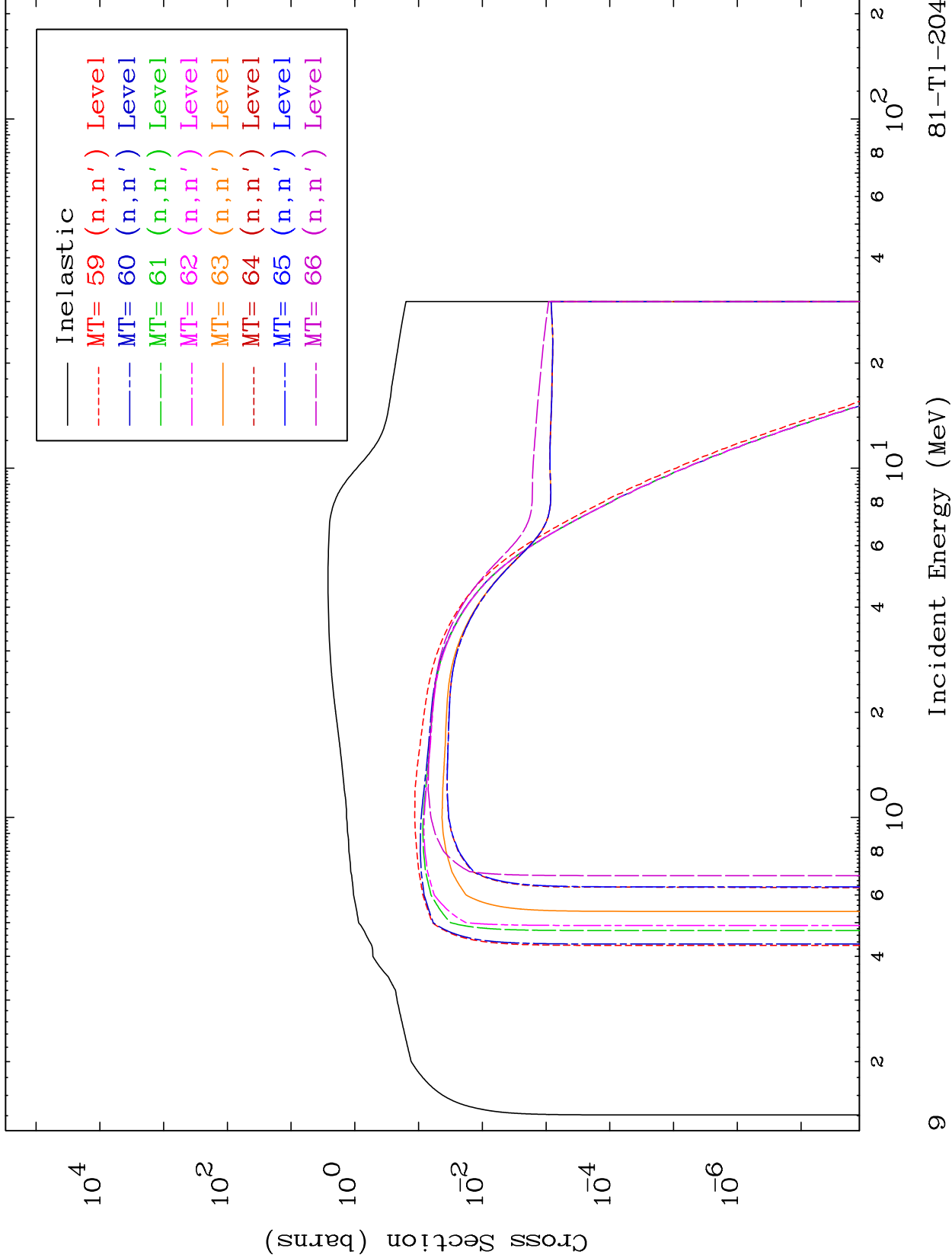
81-Tl-204



293 Kelvin Cross Sections



293 Kelvin Cross Sections

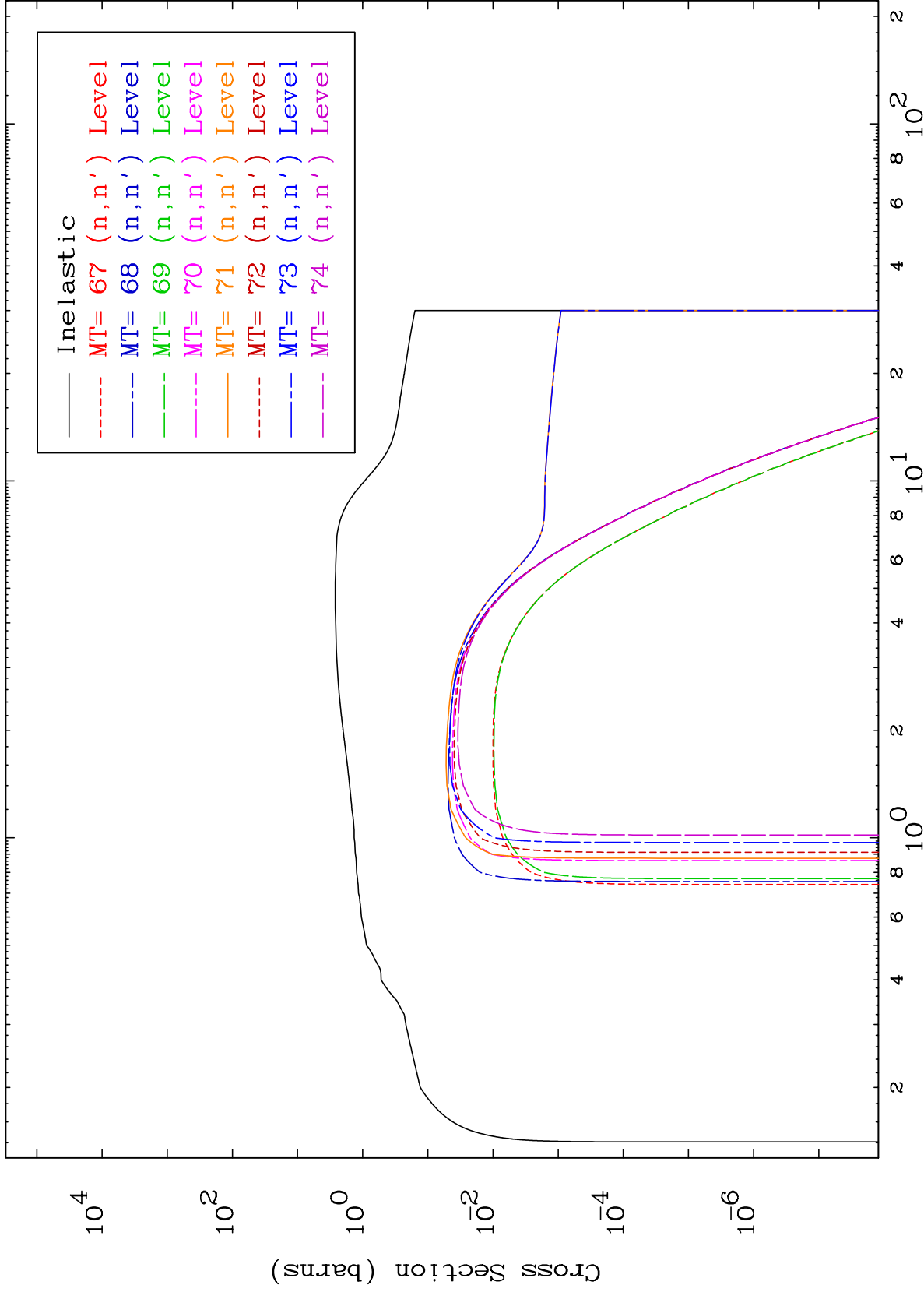


MAT 8128

(n,n') Levels

293 Kelvin Cross Sections

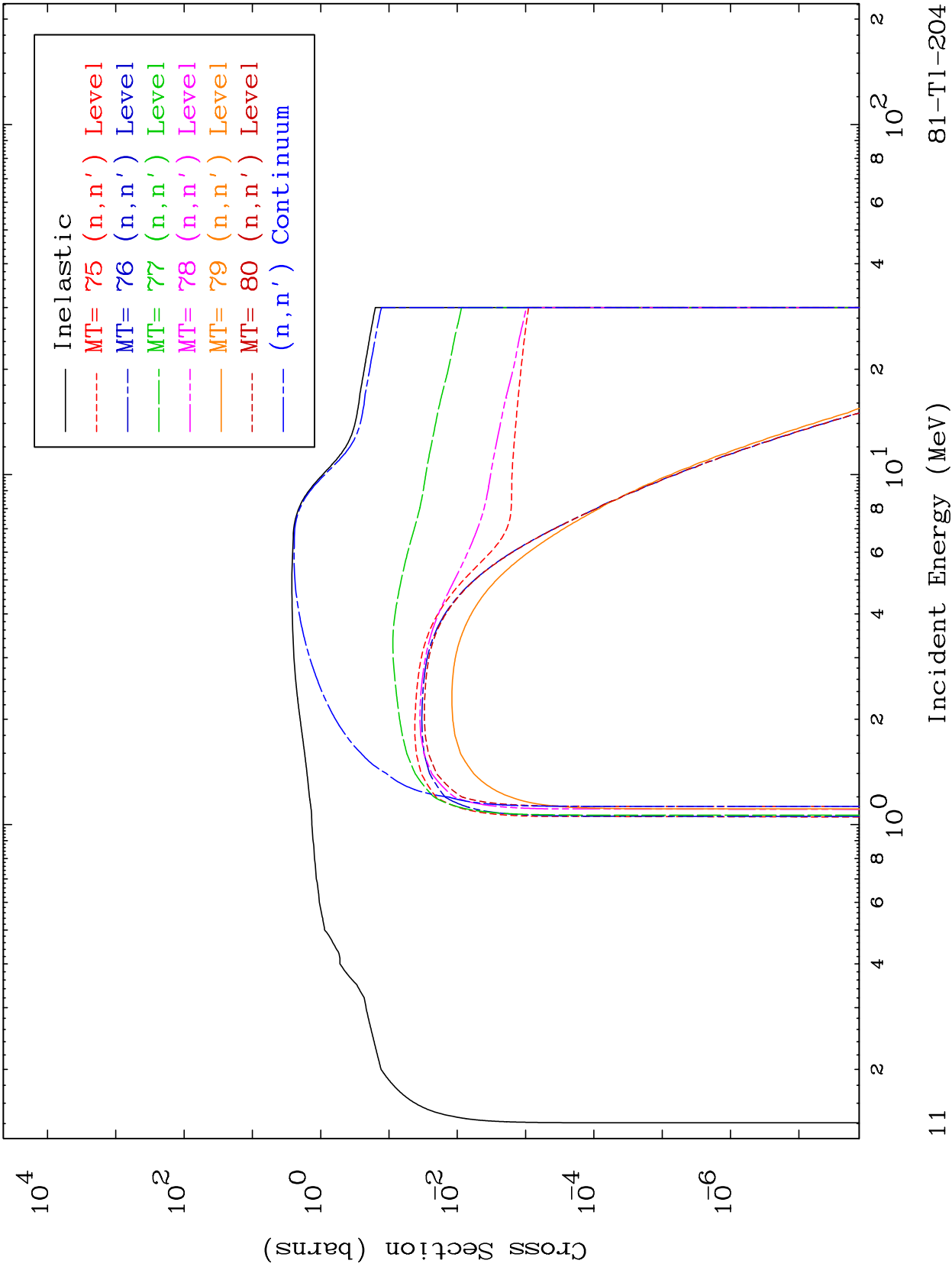
81-T1-204



10

Incident Energy (MeV)

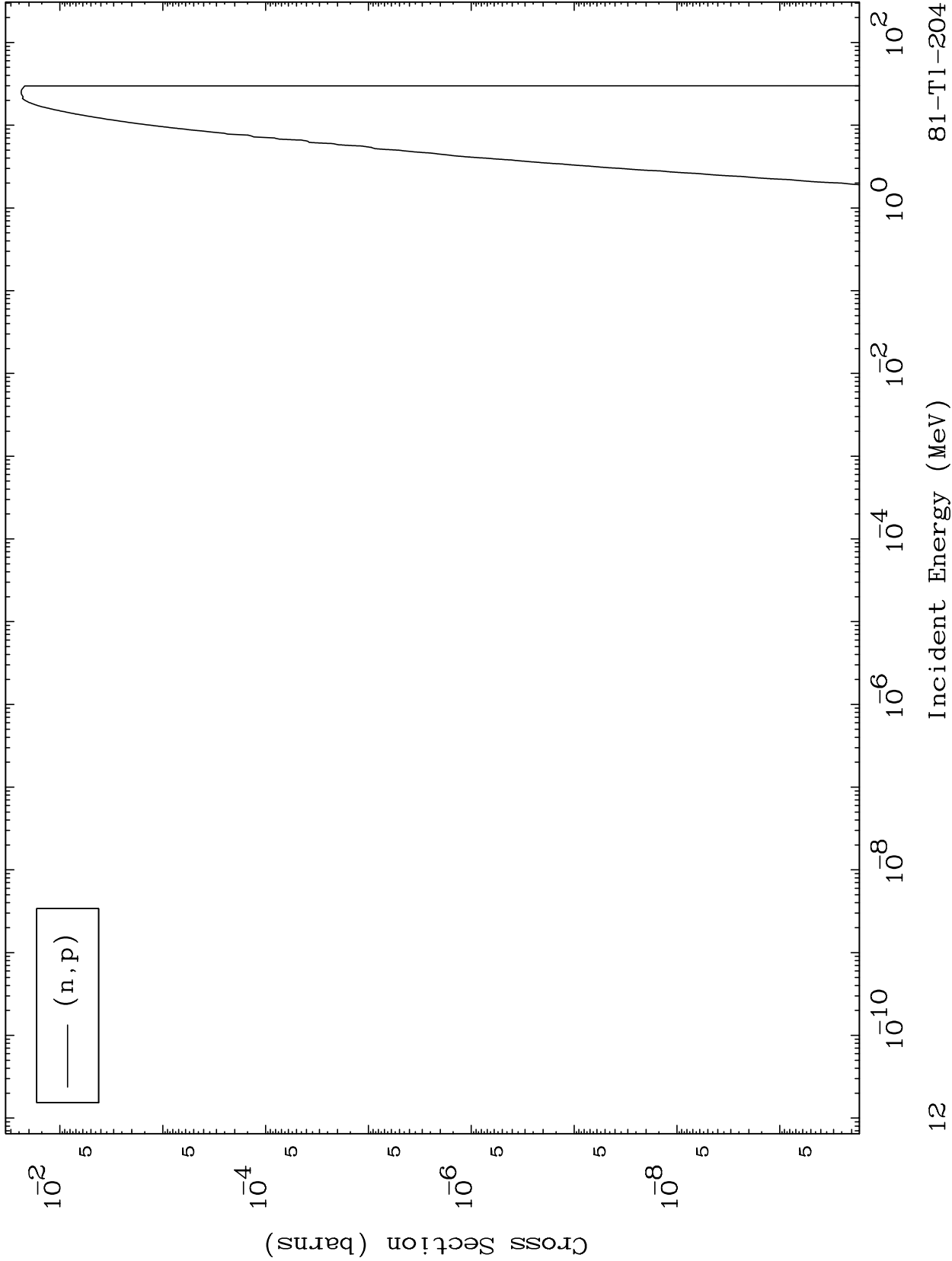
81-T1-204



MAT 8128

(n,p) Levels
293 Kelvin Cross Sections

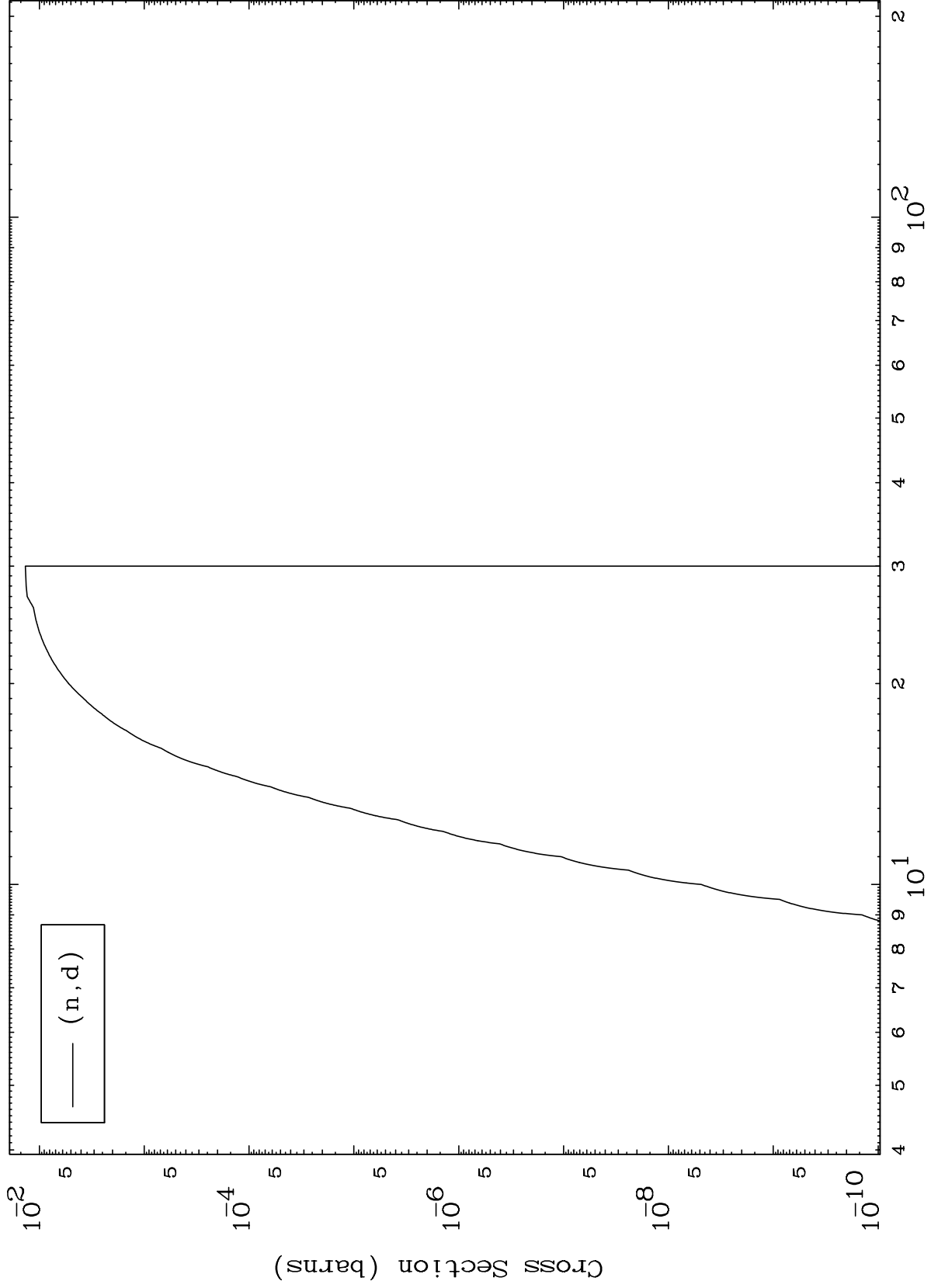
81-Tl-204



MAT 8128

(n,d) Levels
293 Kelvin Cross Sections

81-T1-204



13

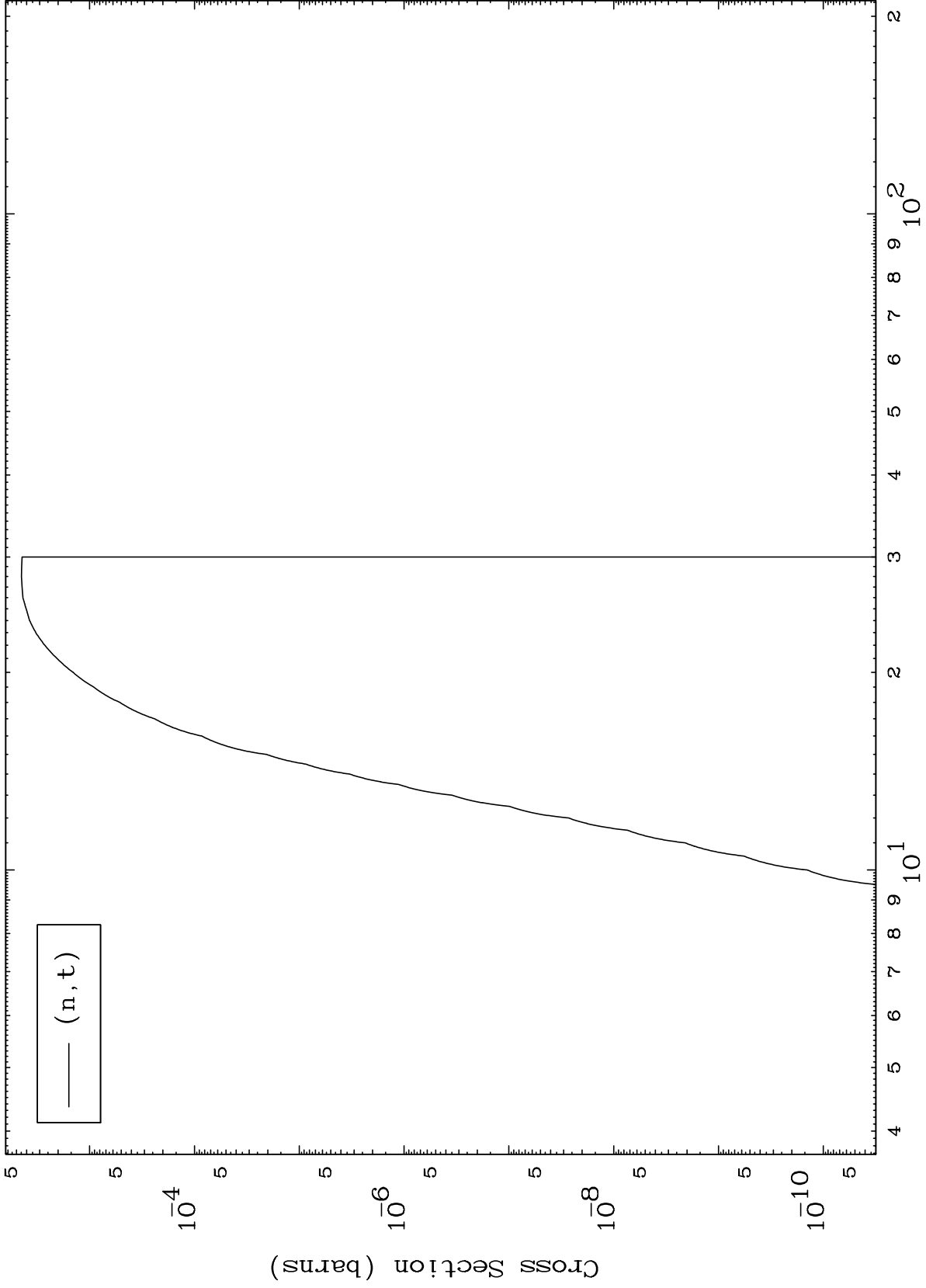
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,t) Levels
293 Kelvin Cross Sections

81-T1-204



14

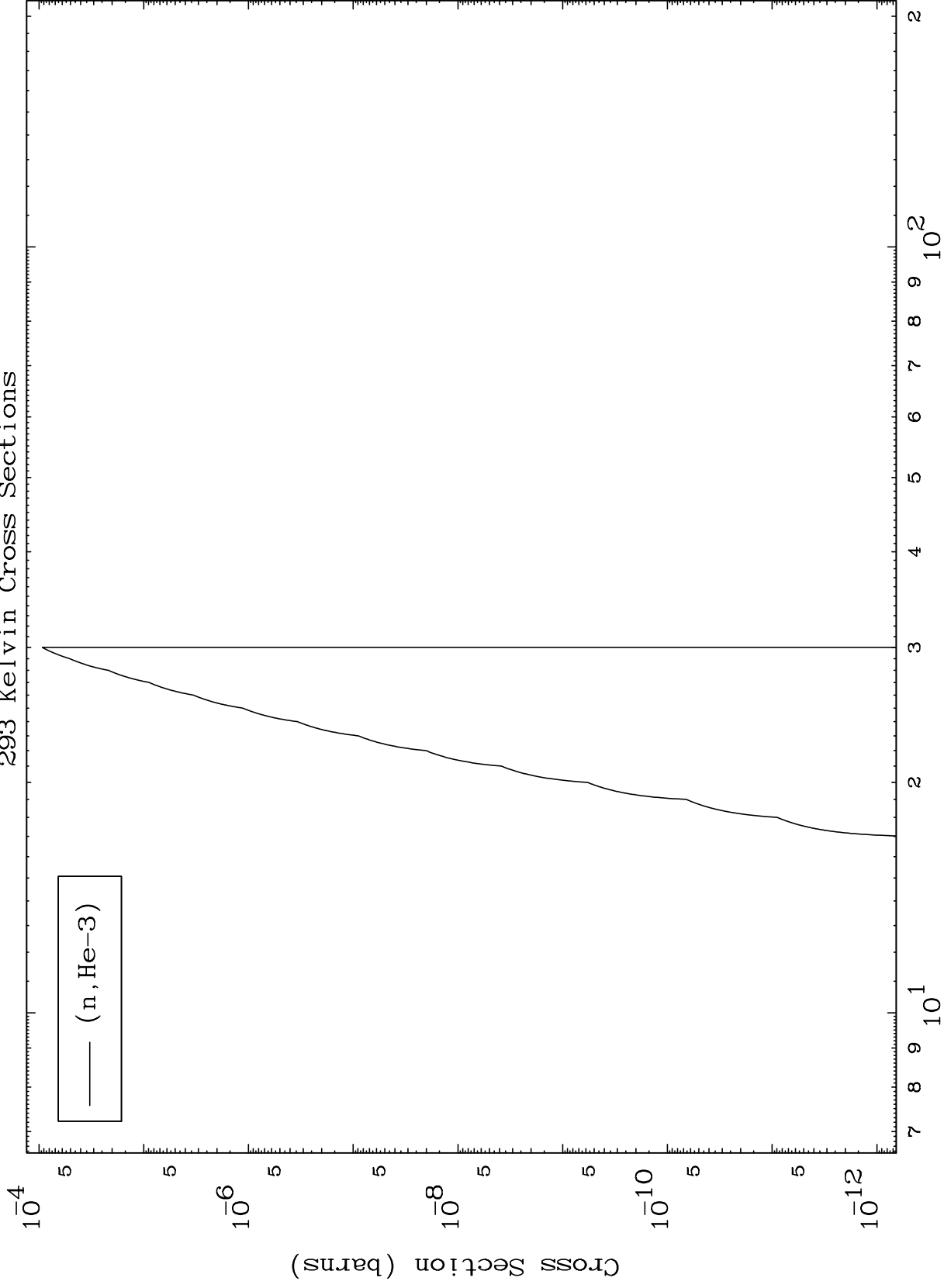
Incident Energy (MeV)

81-T1-204

MAT 8128

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-204



15

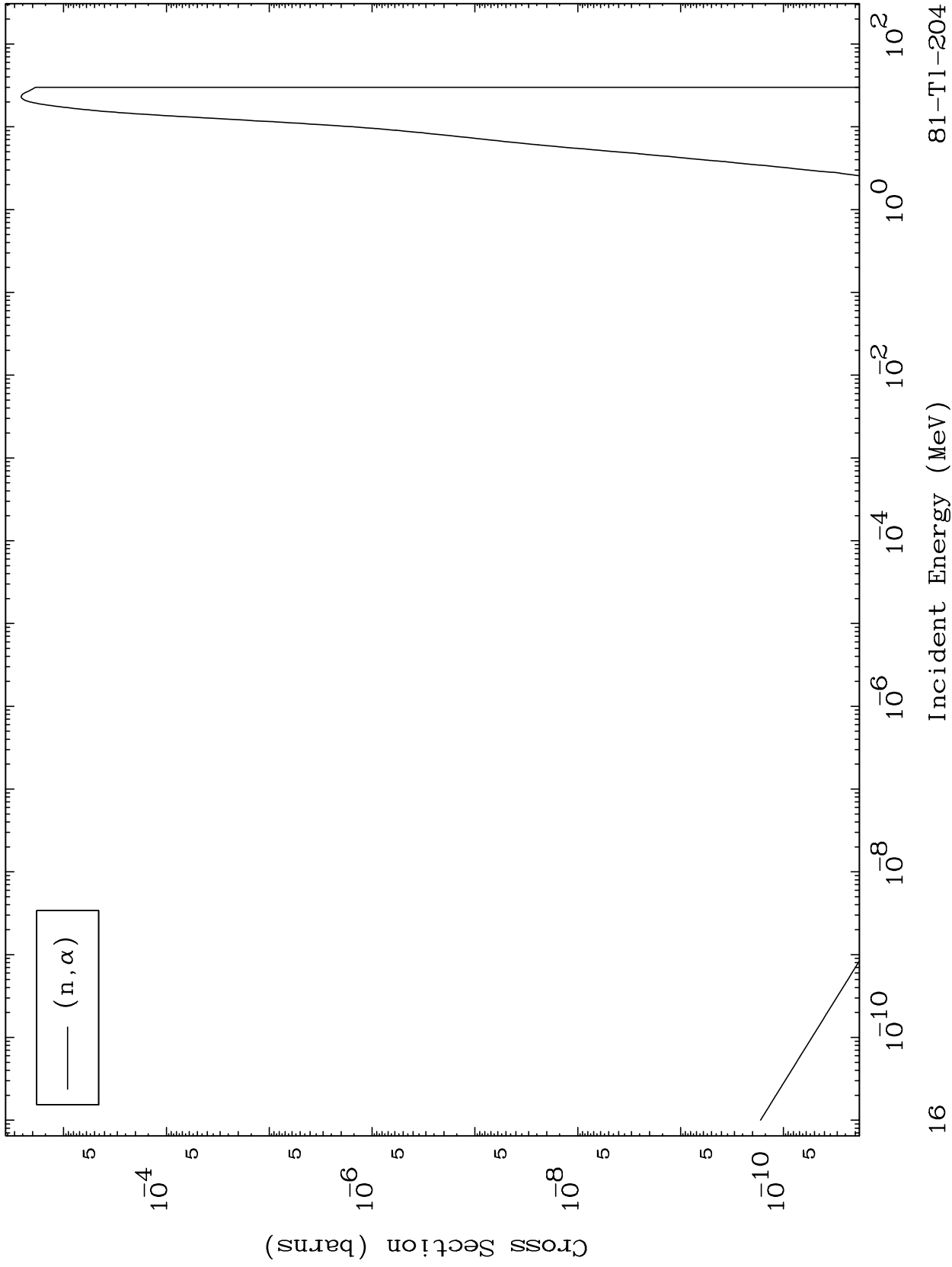
Incident Energy (MeV)

81-T1-204

MAT 8128

(n, α) Levels
293 Kelvin Cross Sections

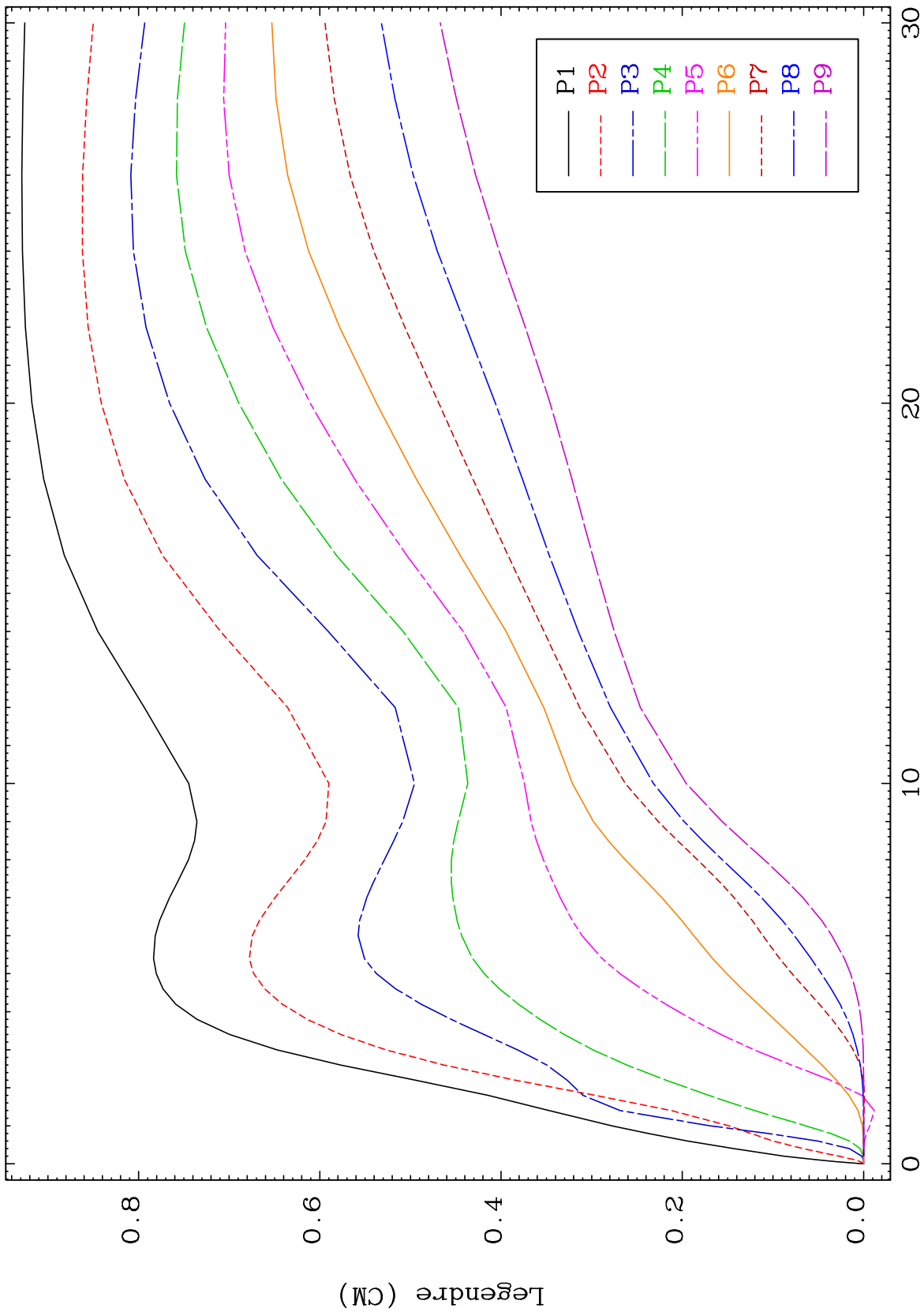
81-Tl-204



MAT 8128

Elastic Legendre Coefficients

81-T1-204



17

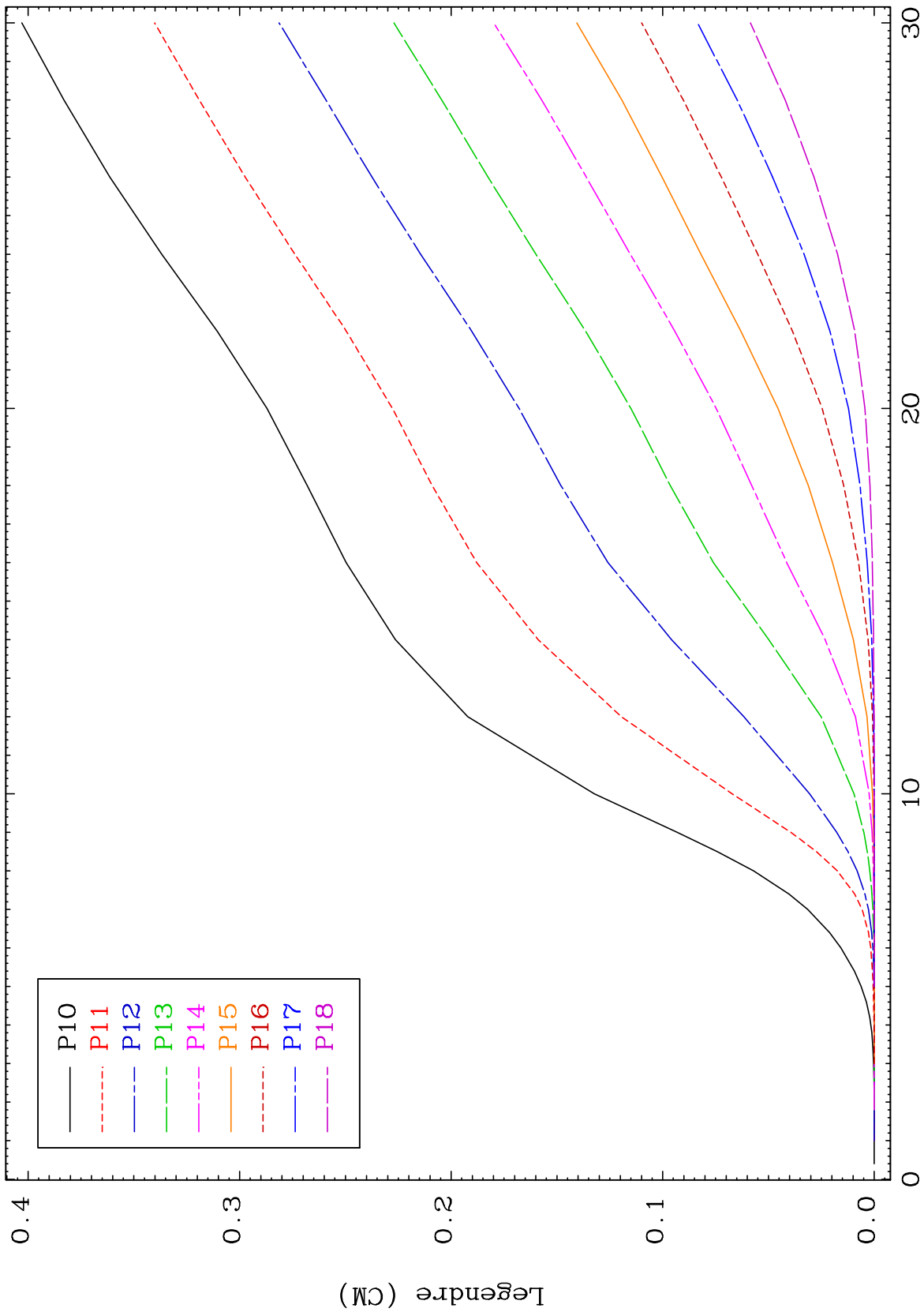
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



18

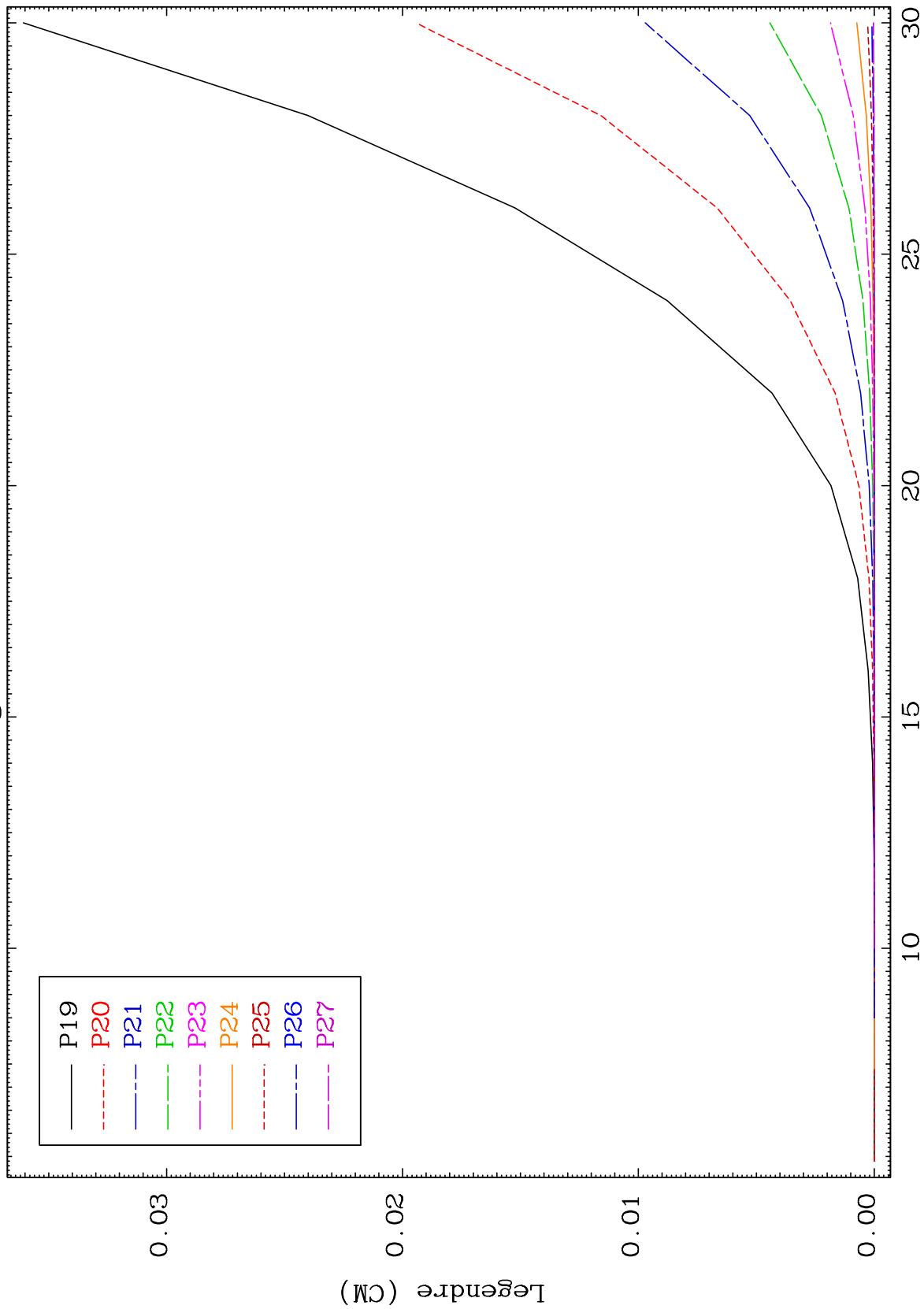
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



19

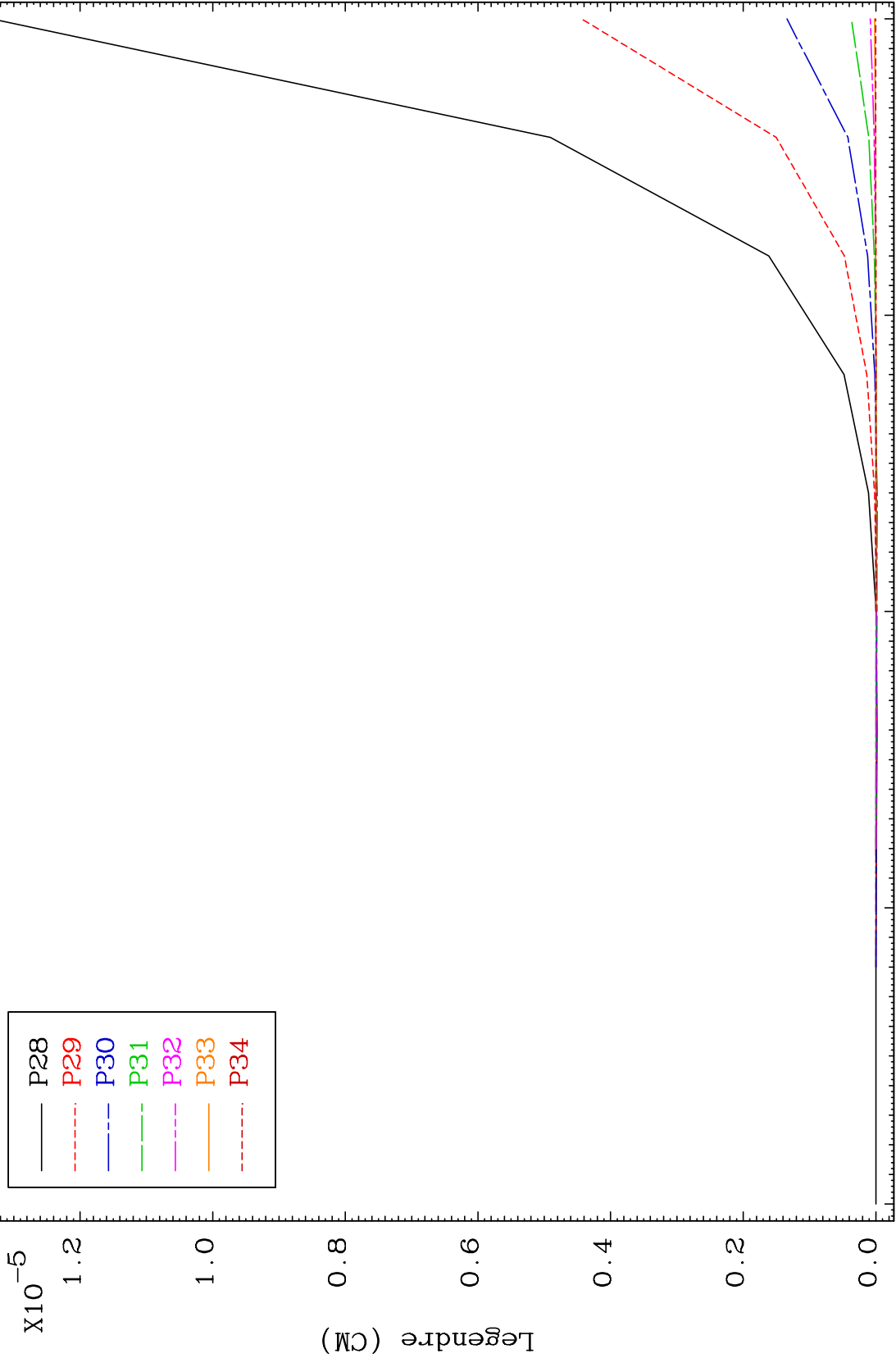
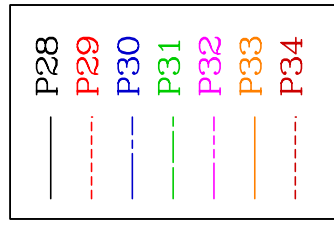
Incident Energy (MeV)

81-T1-204

MAT 8128

Elastic Legendre Coefficients

81-T1-204



81-T1-204

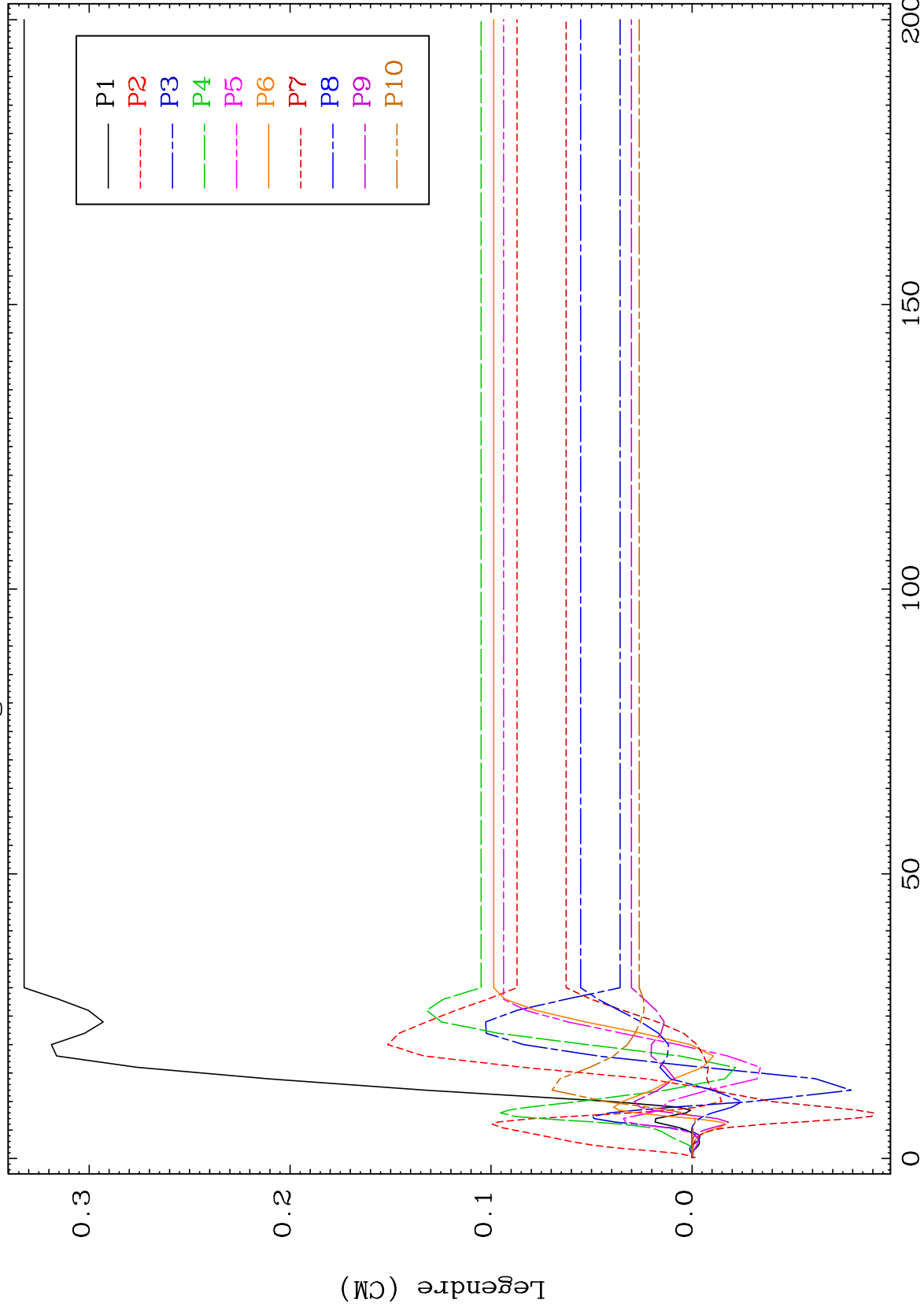
Incident Energy (MeV)

20

MAT 8128

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

81-T1-204



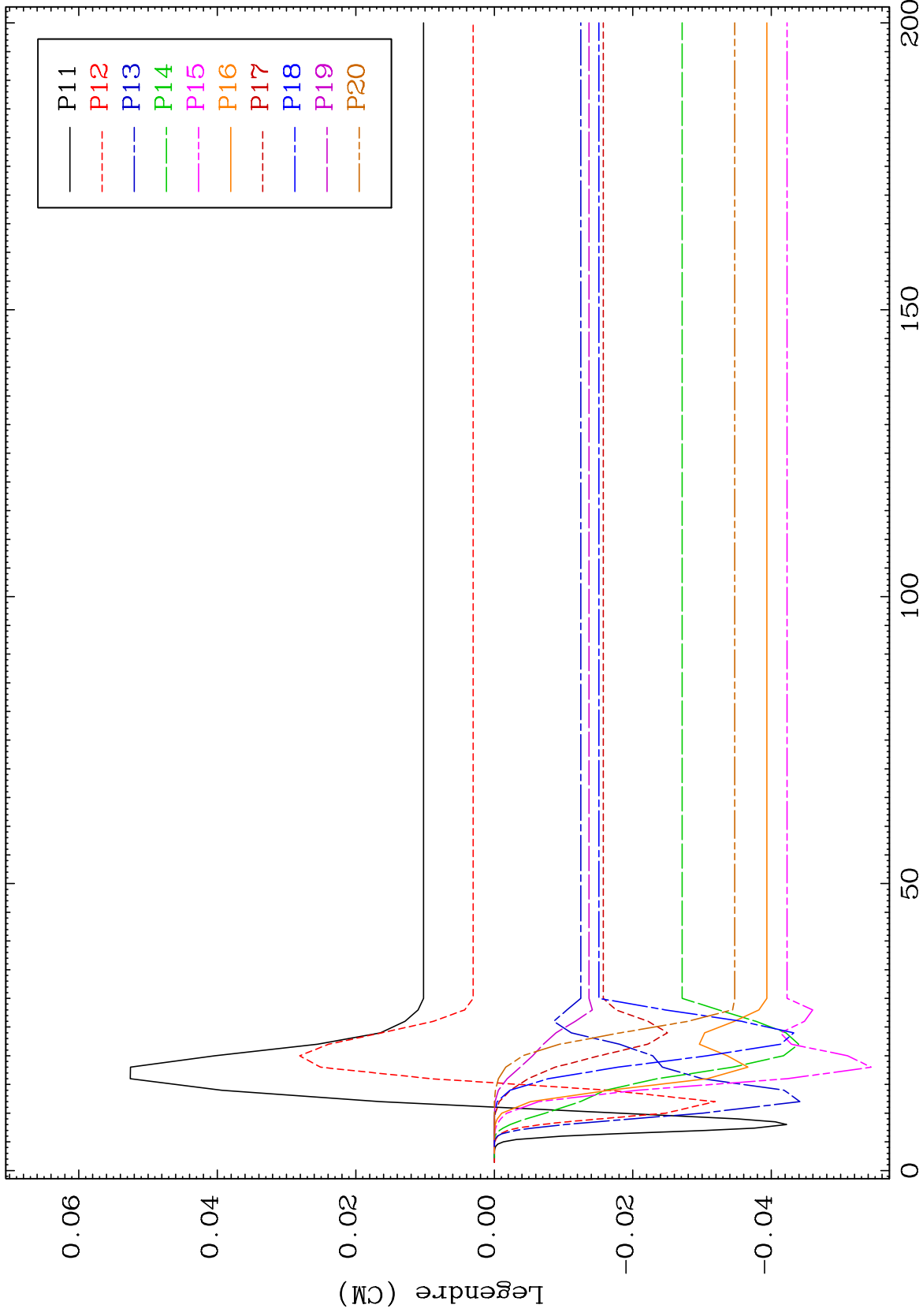
21

81-T1-204

MAT 8128

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

81-T1-204



22

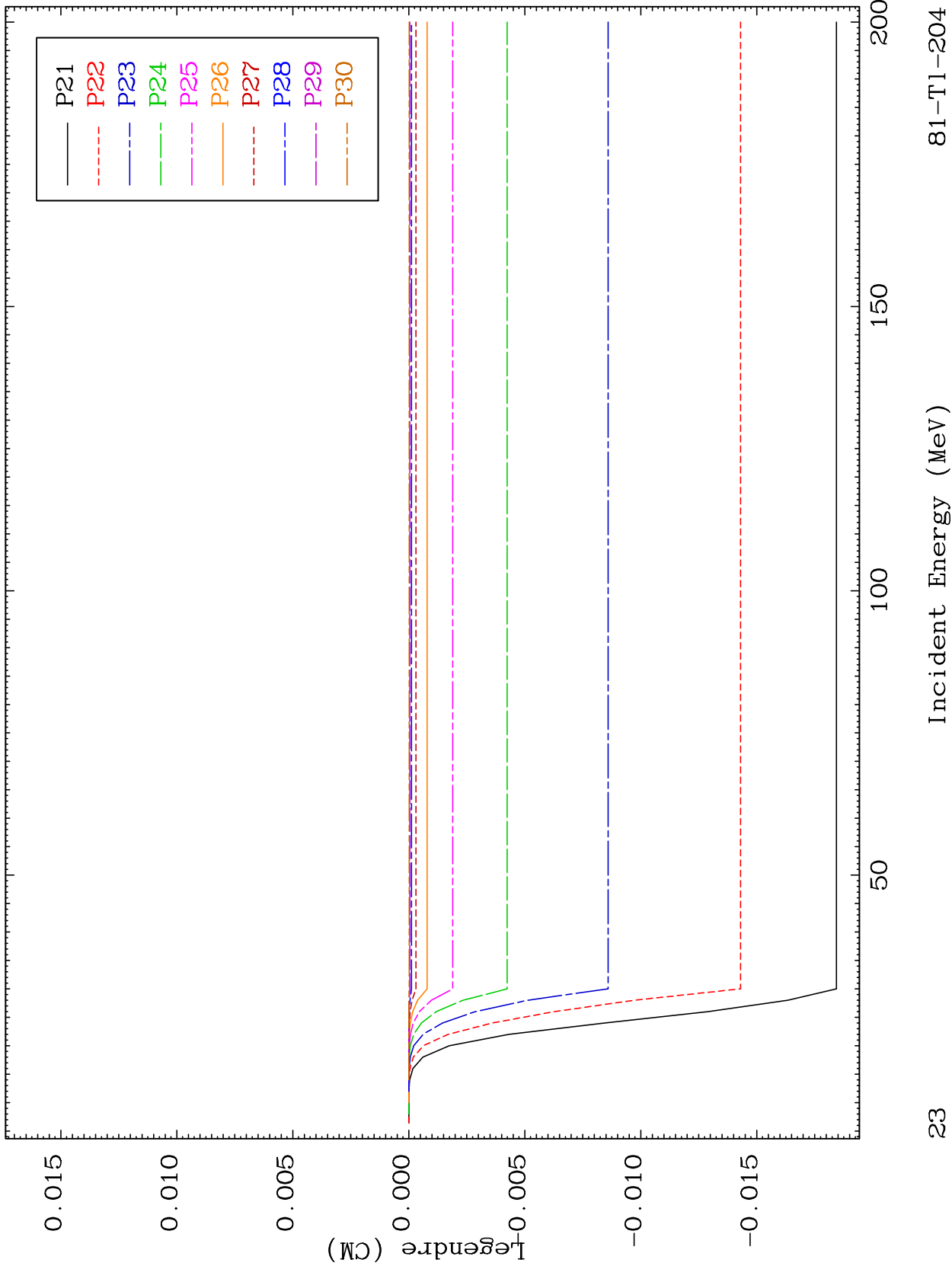
Incident Energy (MeV)

81-T1-204

MAT 8128

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

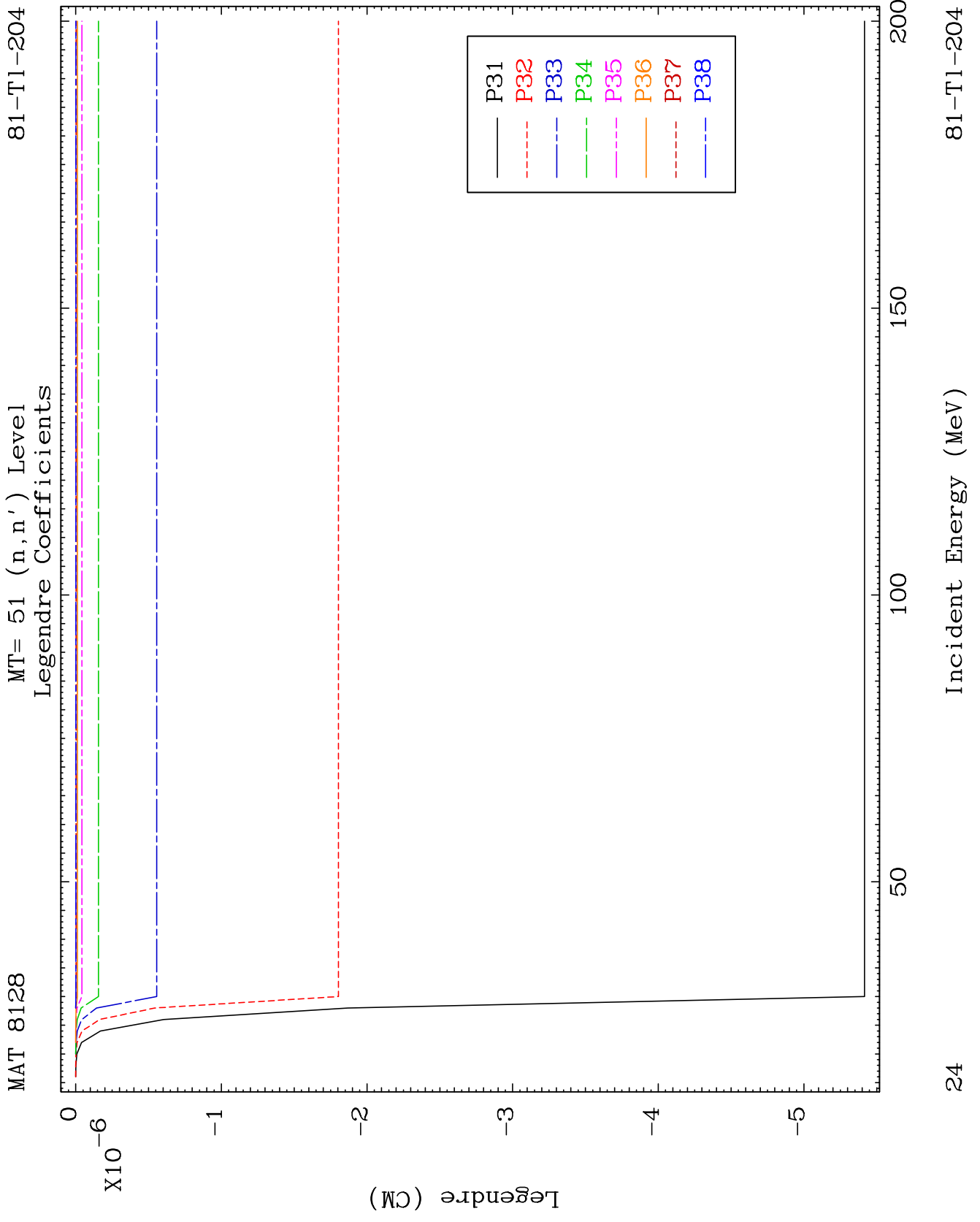
81-T1-204

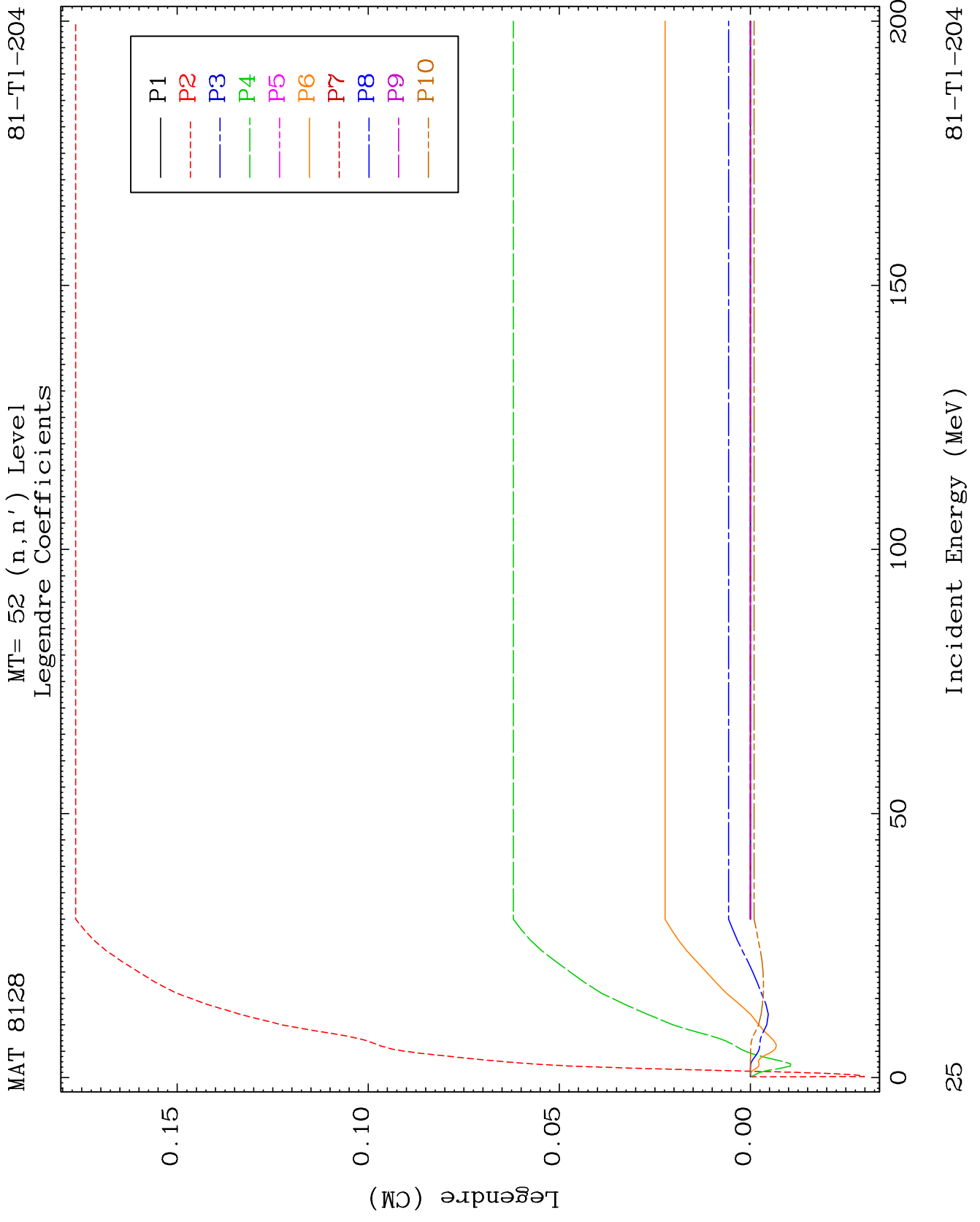


23

Incident Energy (MeV)

81-T1-204

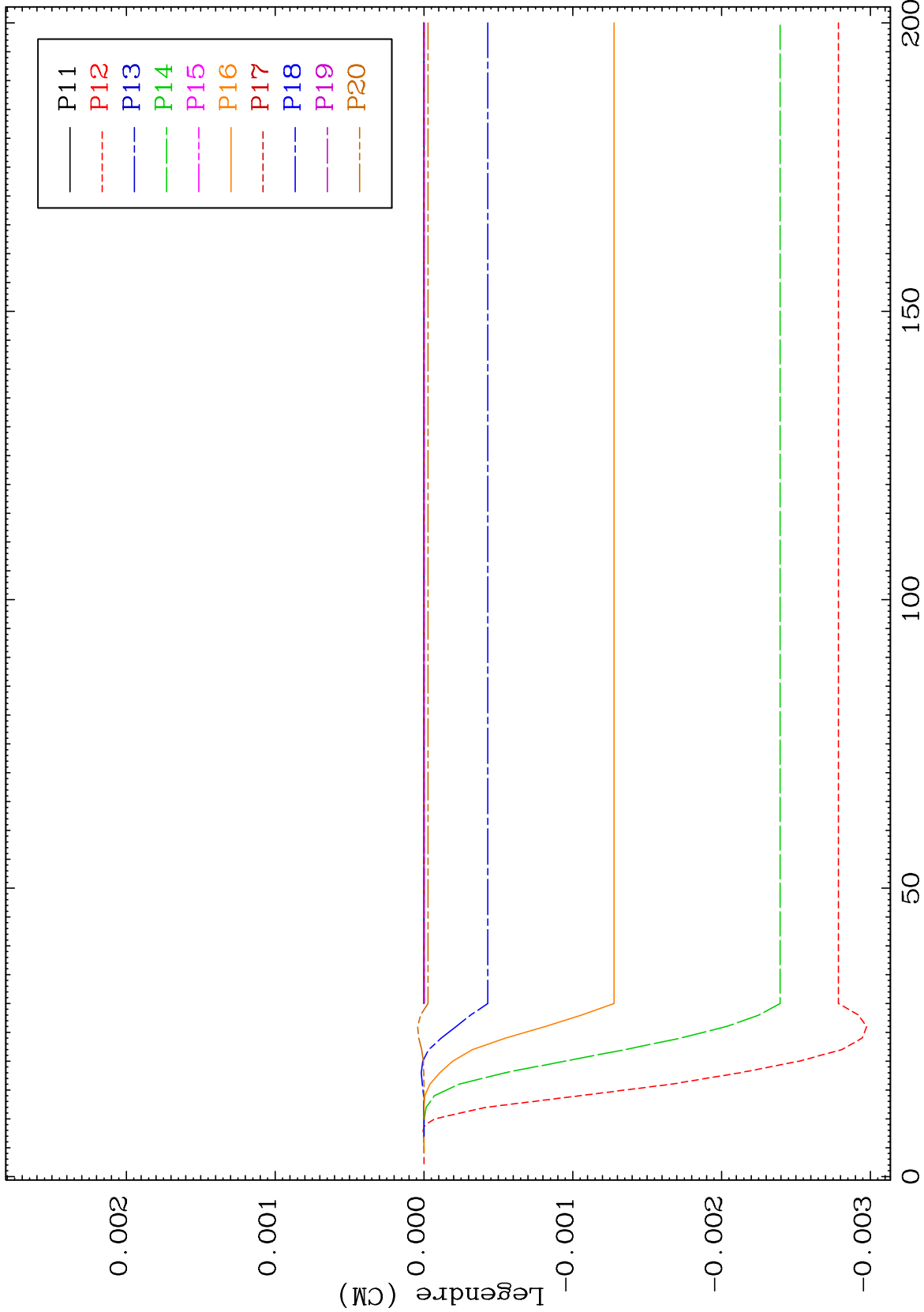




MAT 8128

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

81-T1-204



26

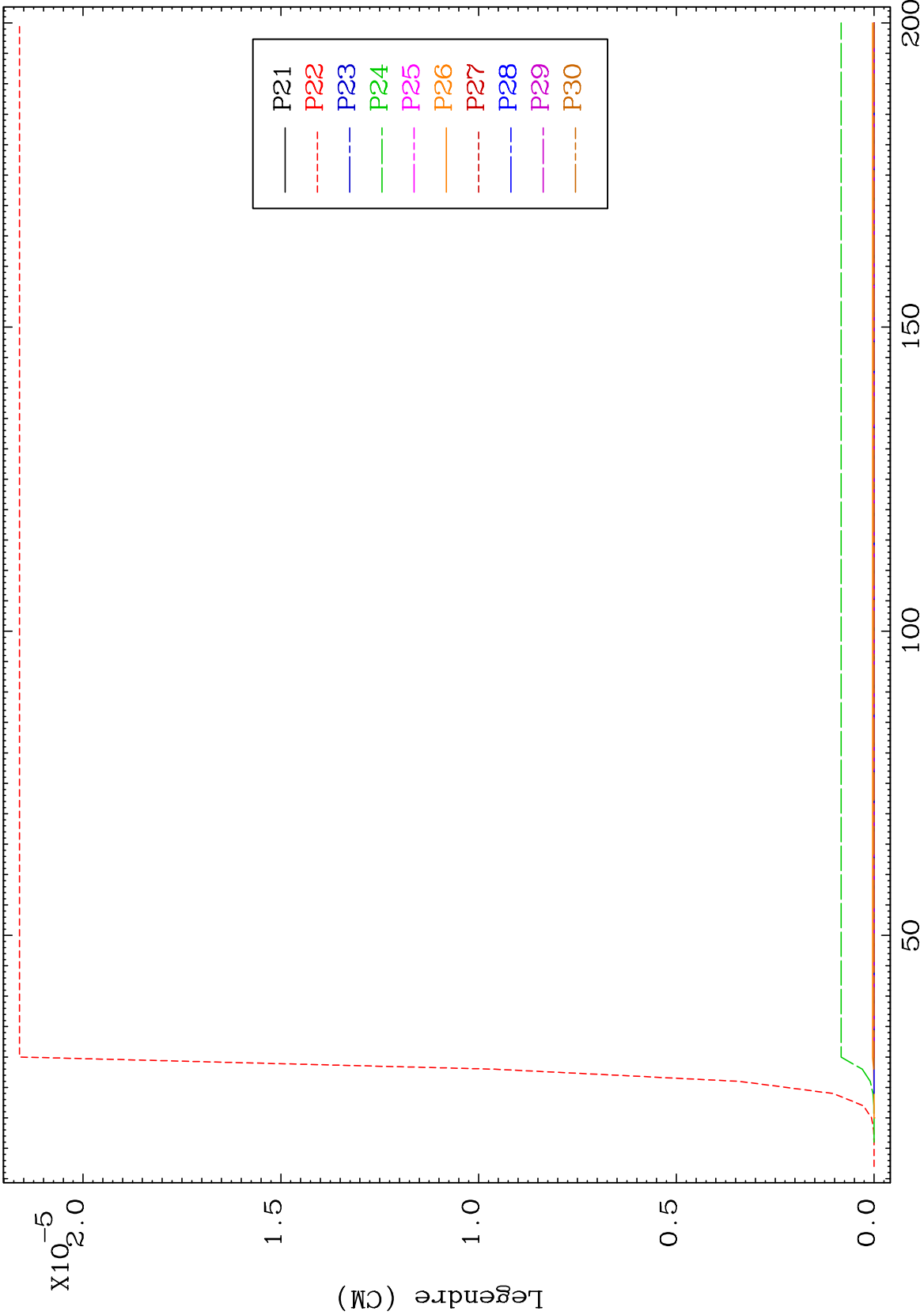
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



27

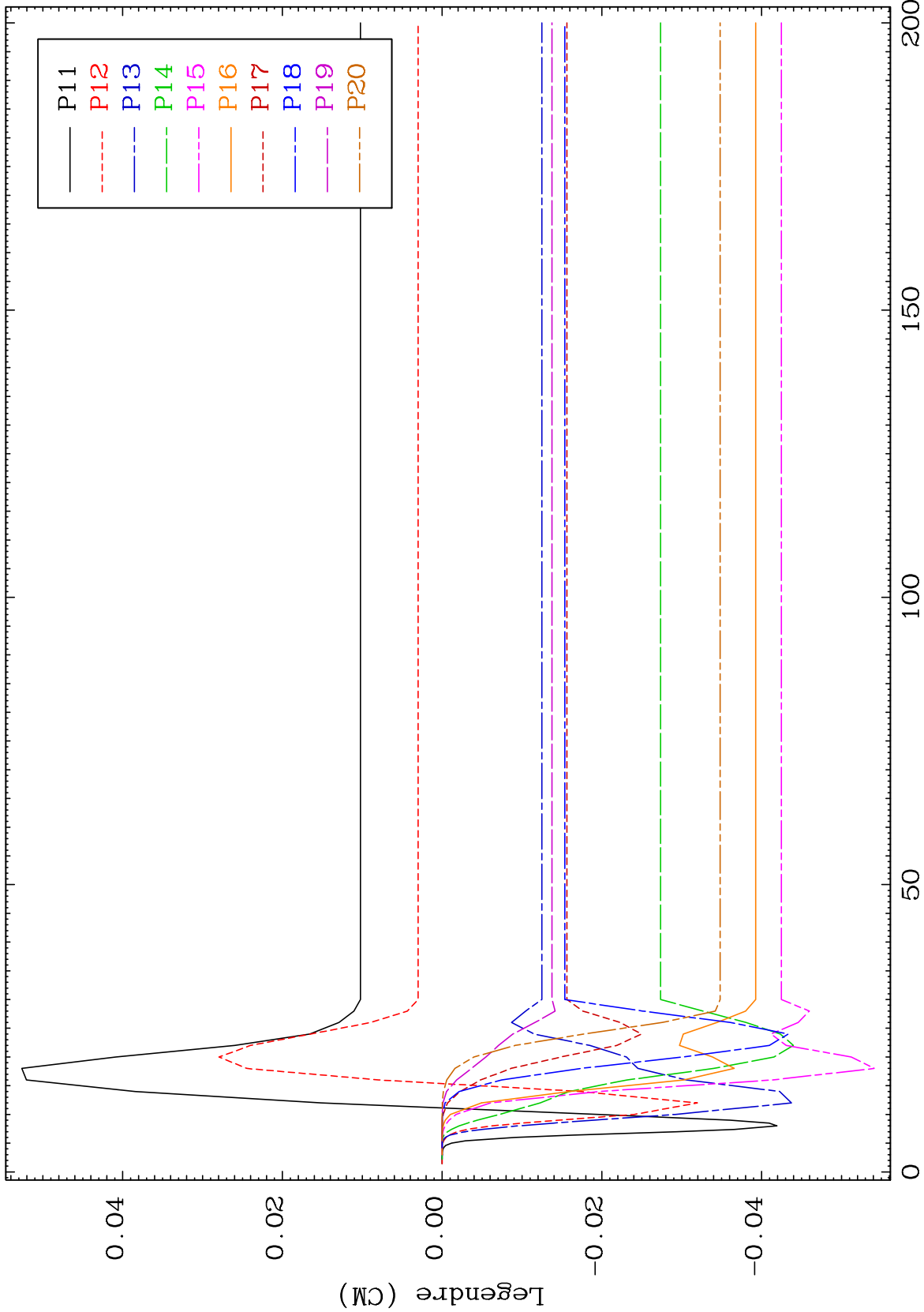
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



29

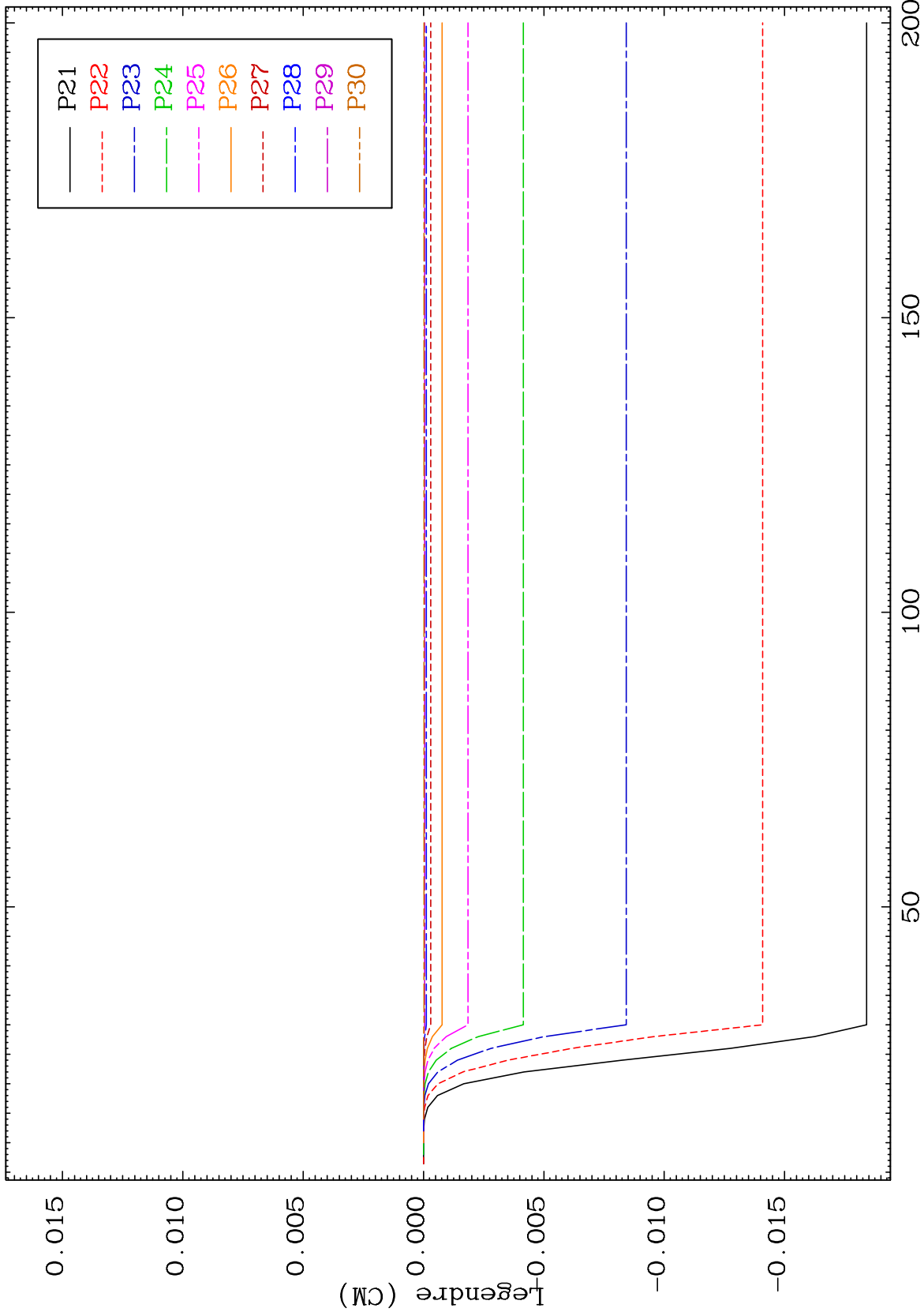
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

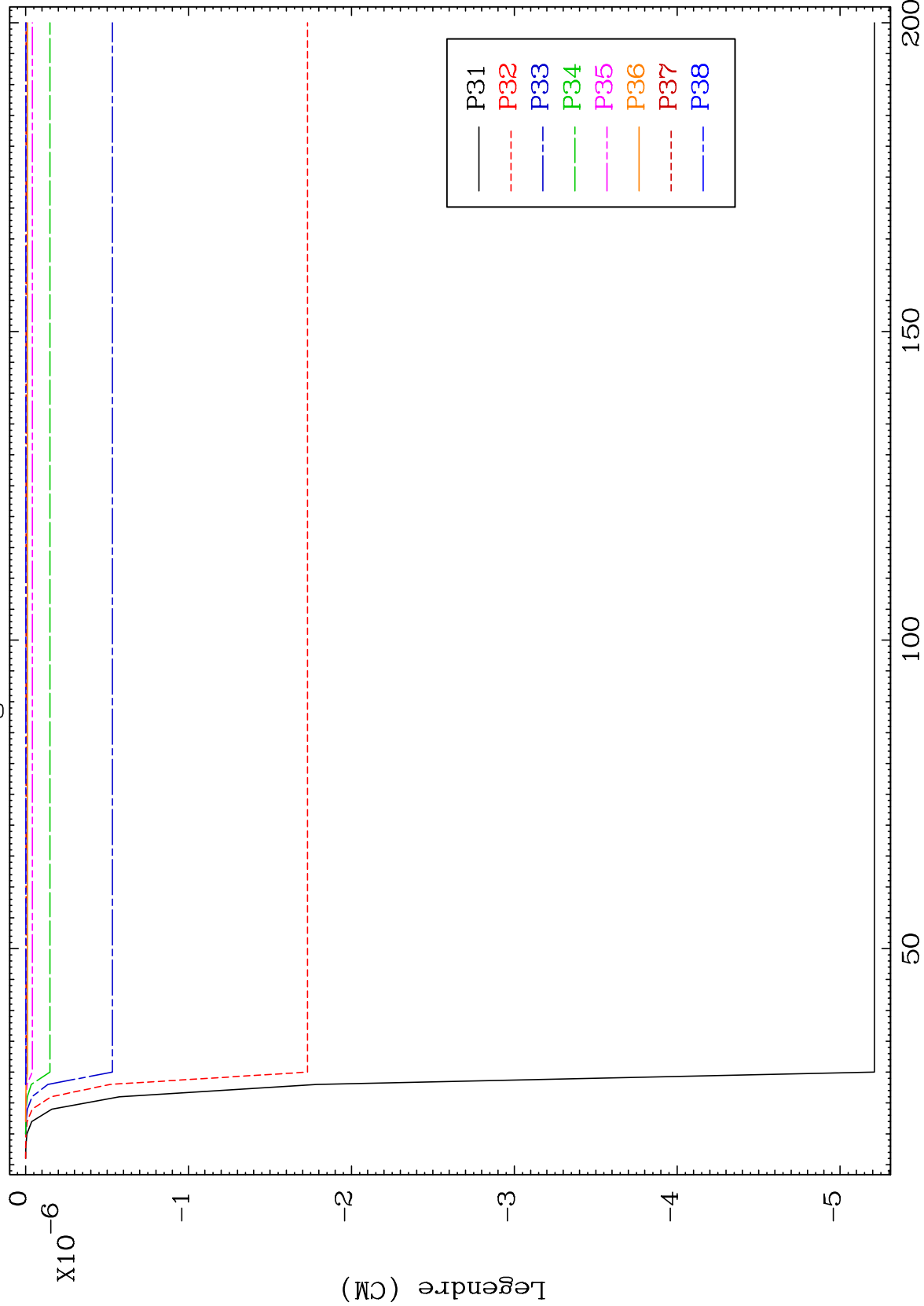


30

Incident Energy (MeV)

81-T1-204

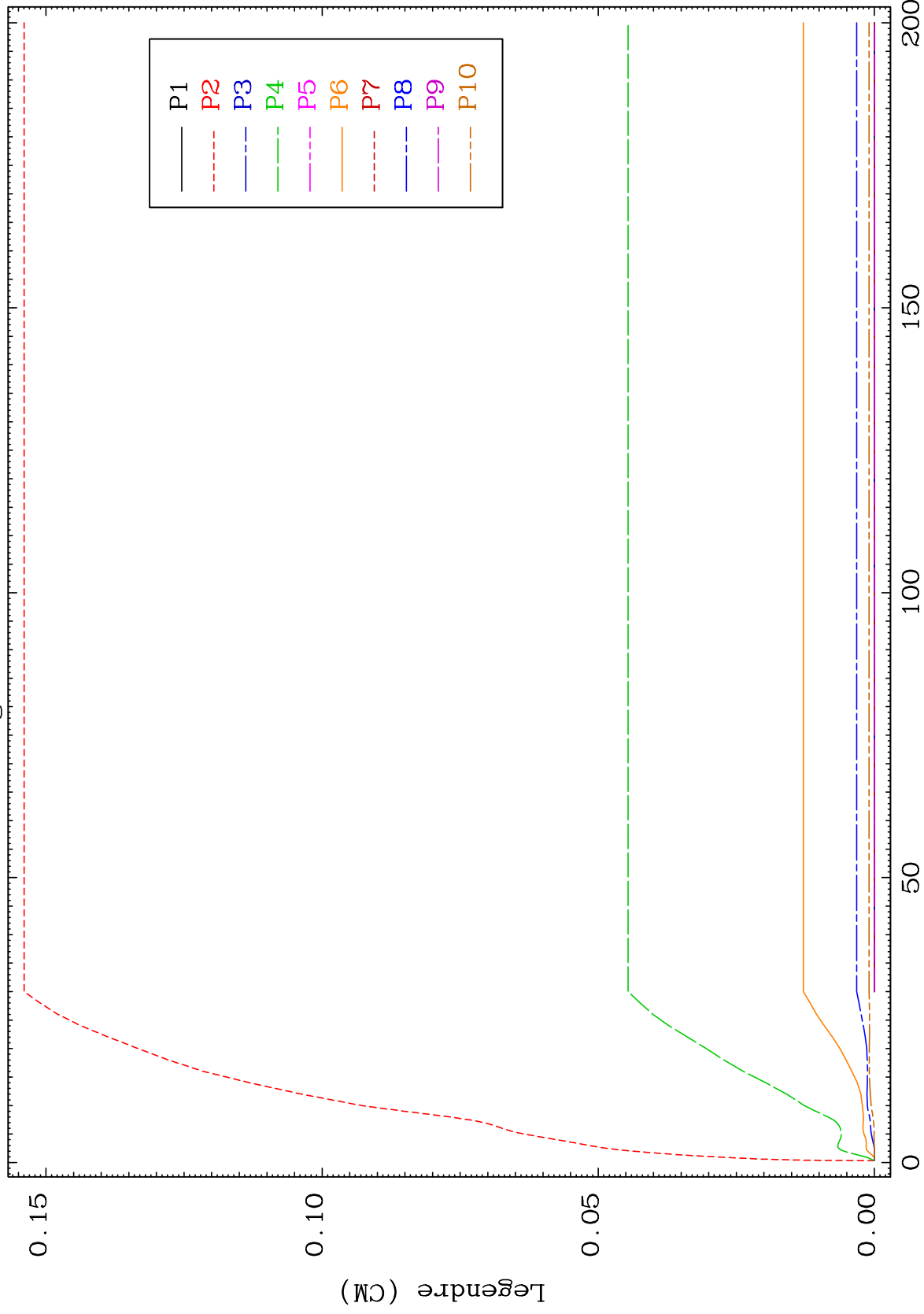
Legendre Coefficients



MAT 8128

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

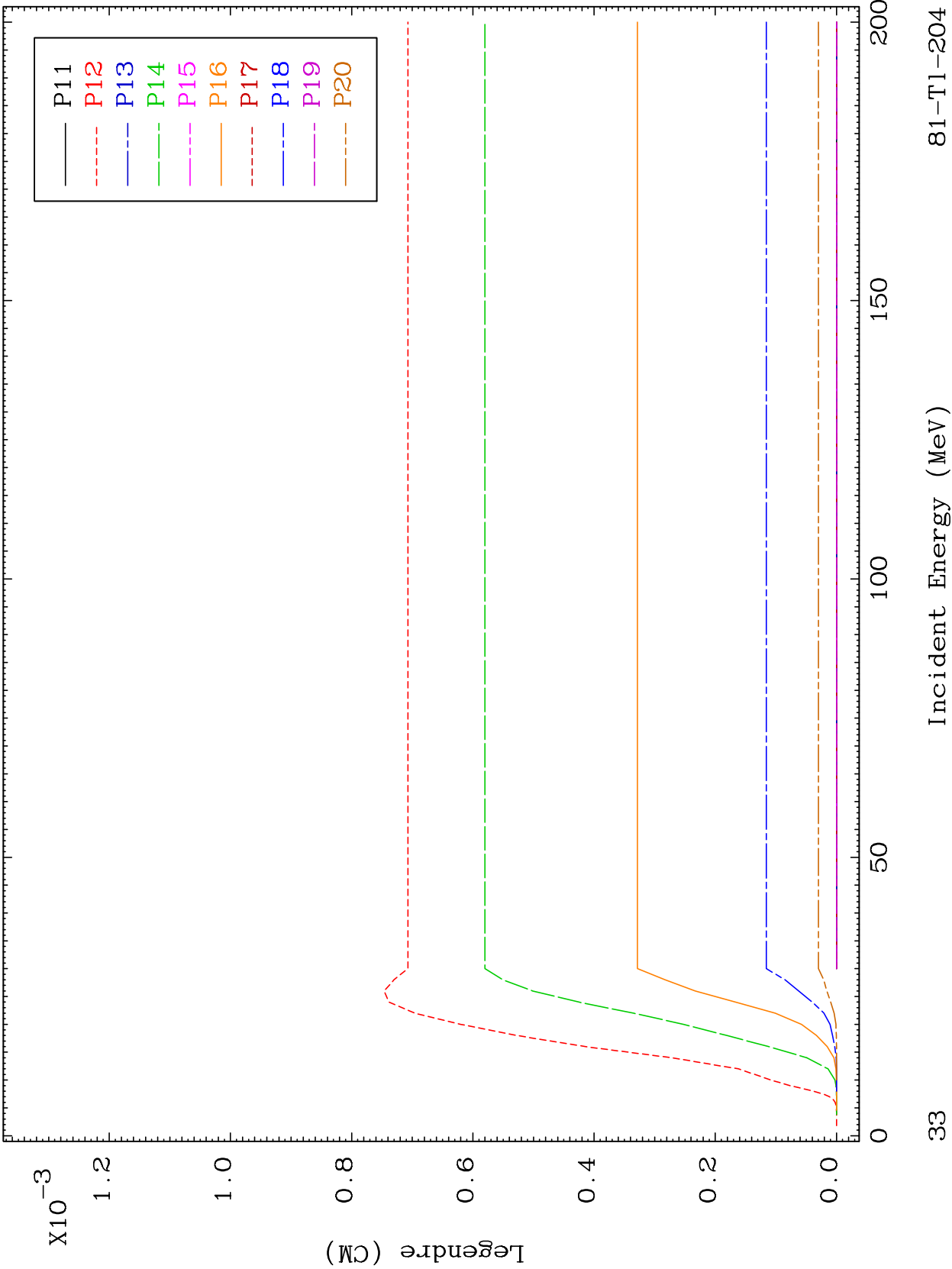
81-Tl-204



32

Incident Energy (MeV)

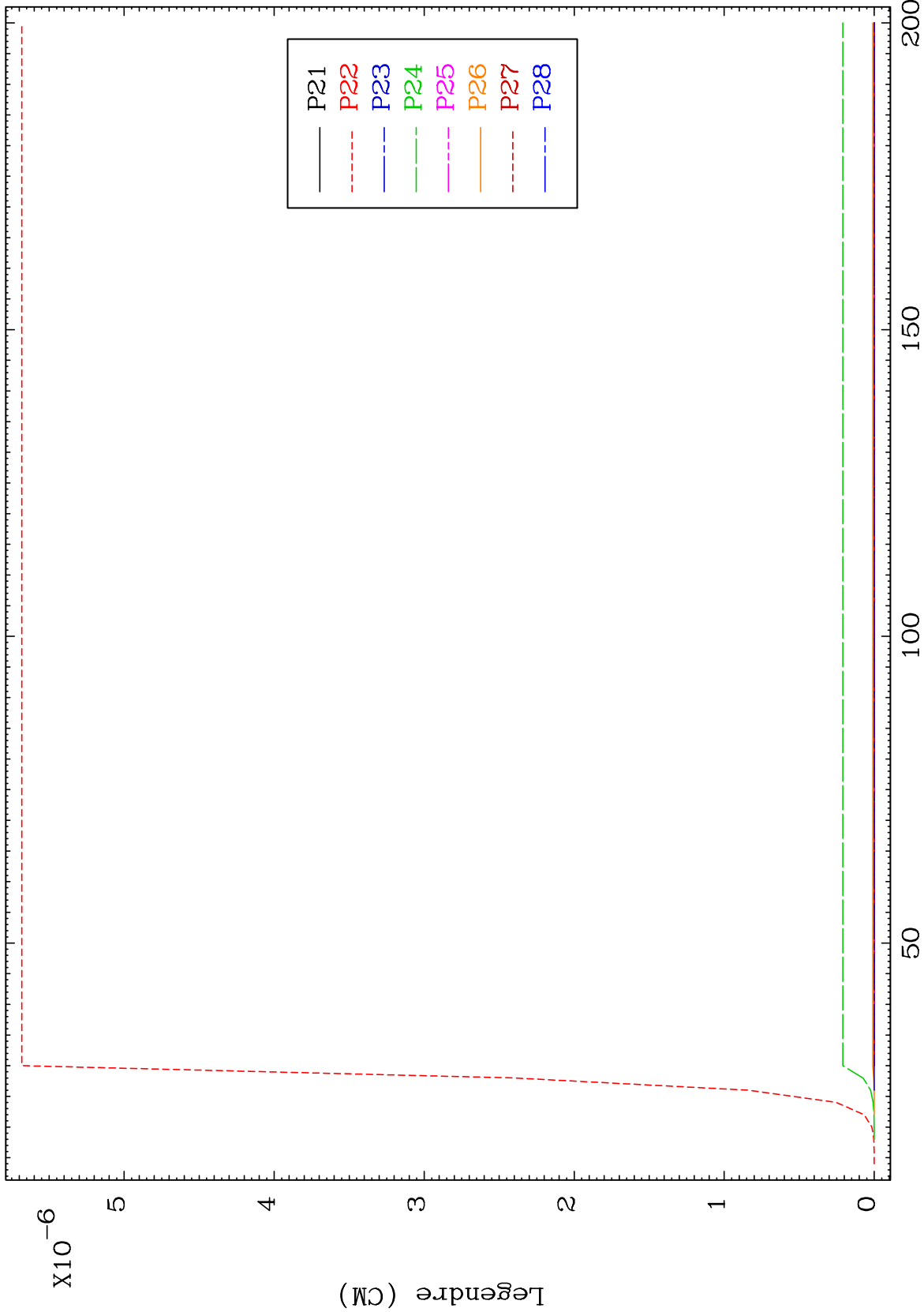
81-Tl-204



MAT 8128

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

81-T1-204



34

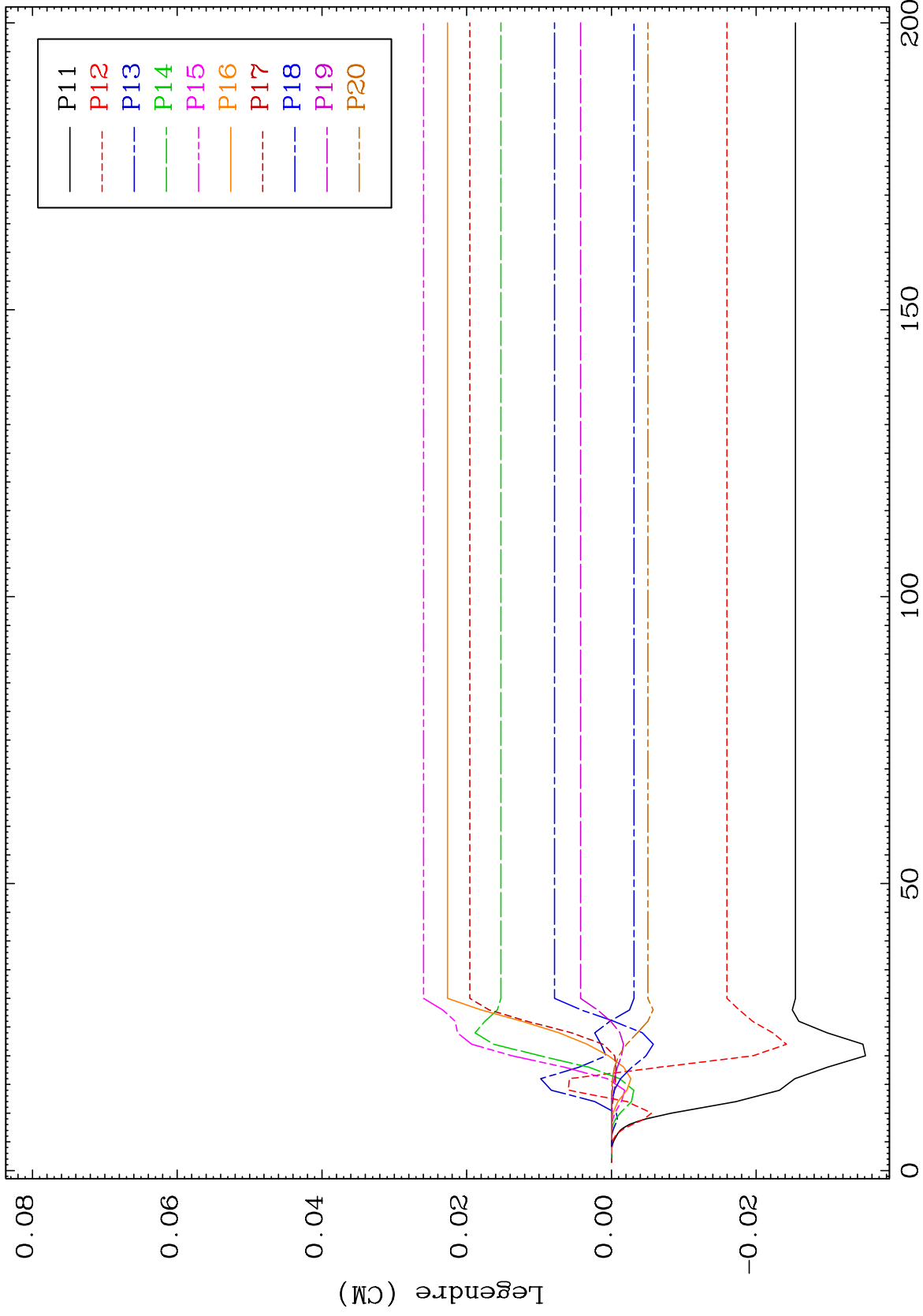
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



36

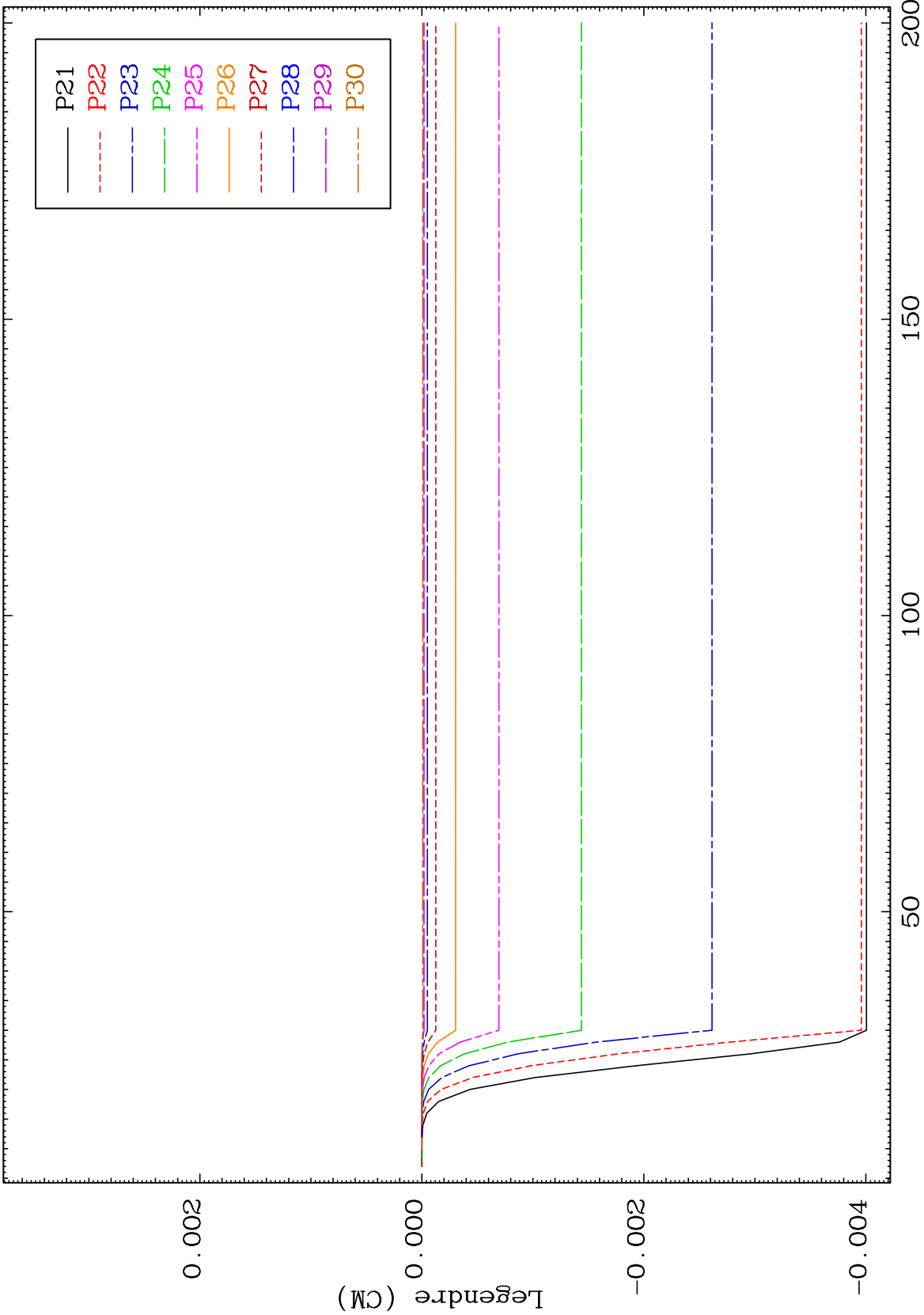
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



37

Incident Energy (MeV)

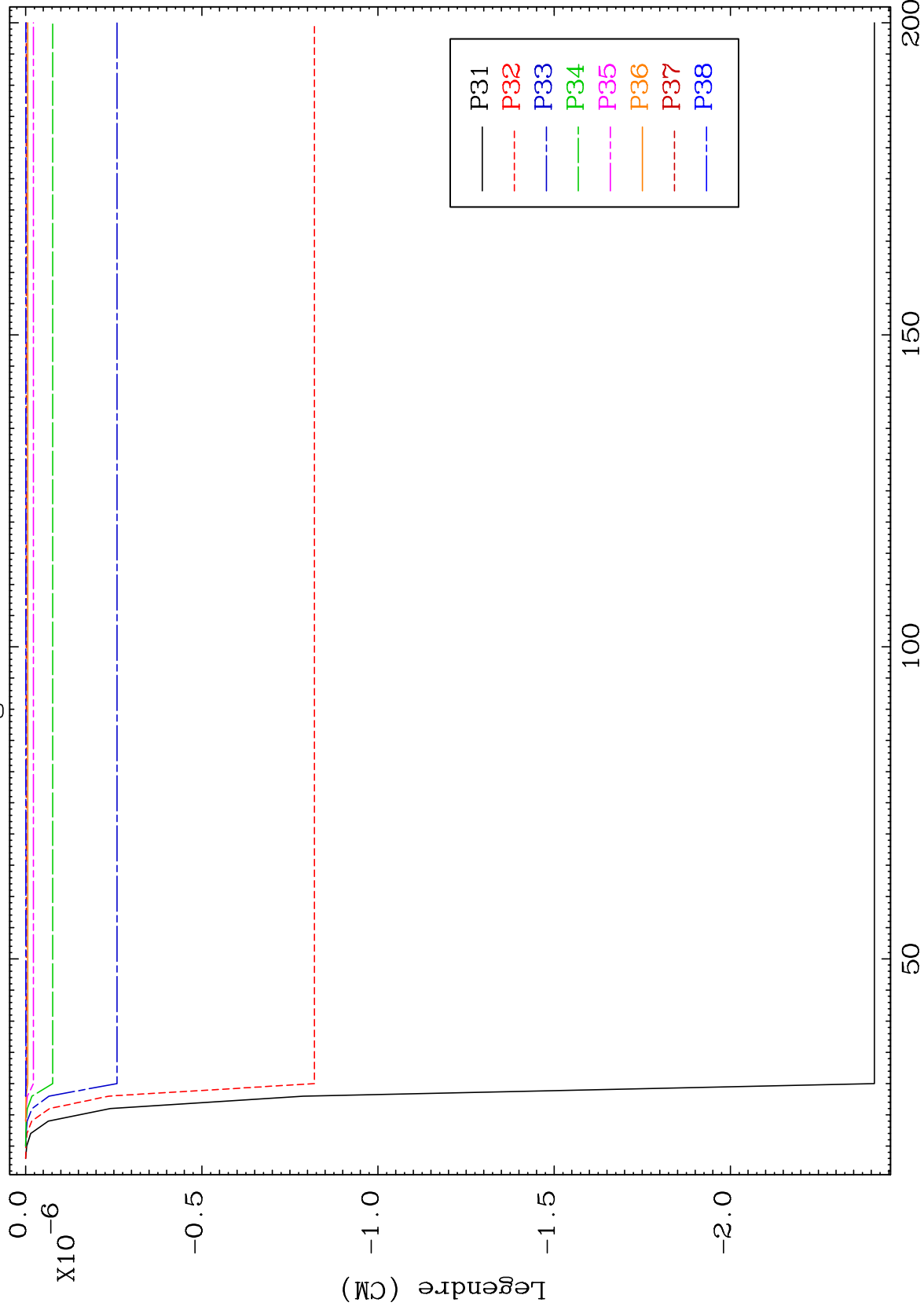
81-T1-204

MAT 8128

MT= 55 (n,n') Level

81-T1-204

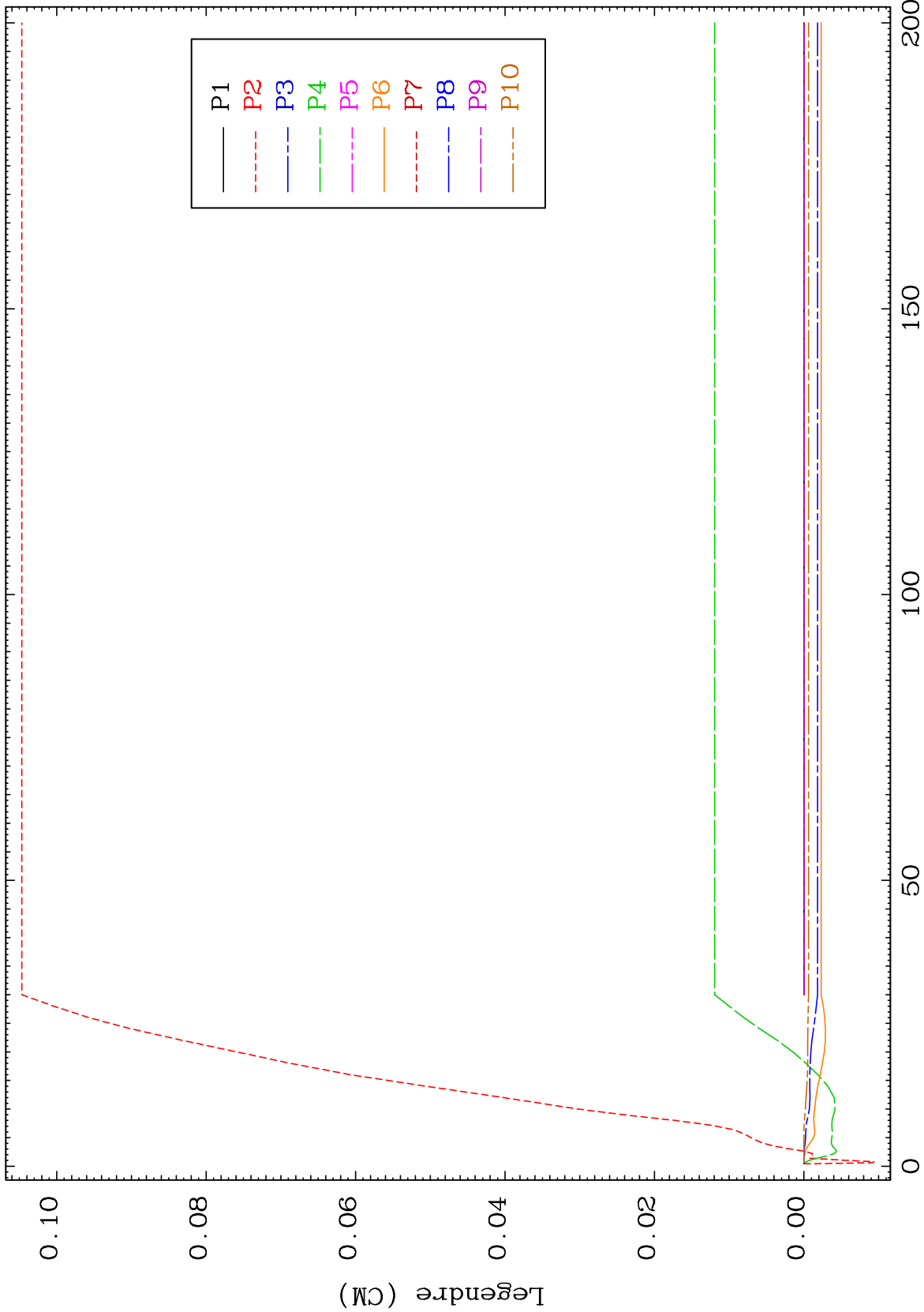
Legendre Coefficients



MAT 8128

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

81-T1-204



39

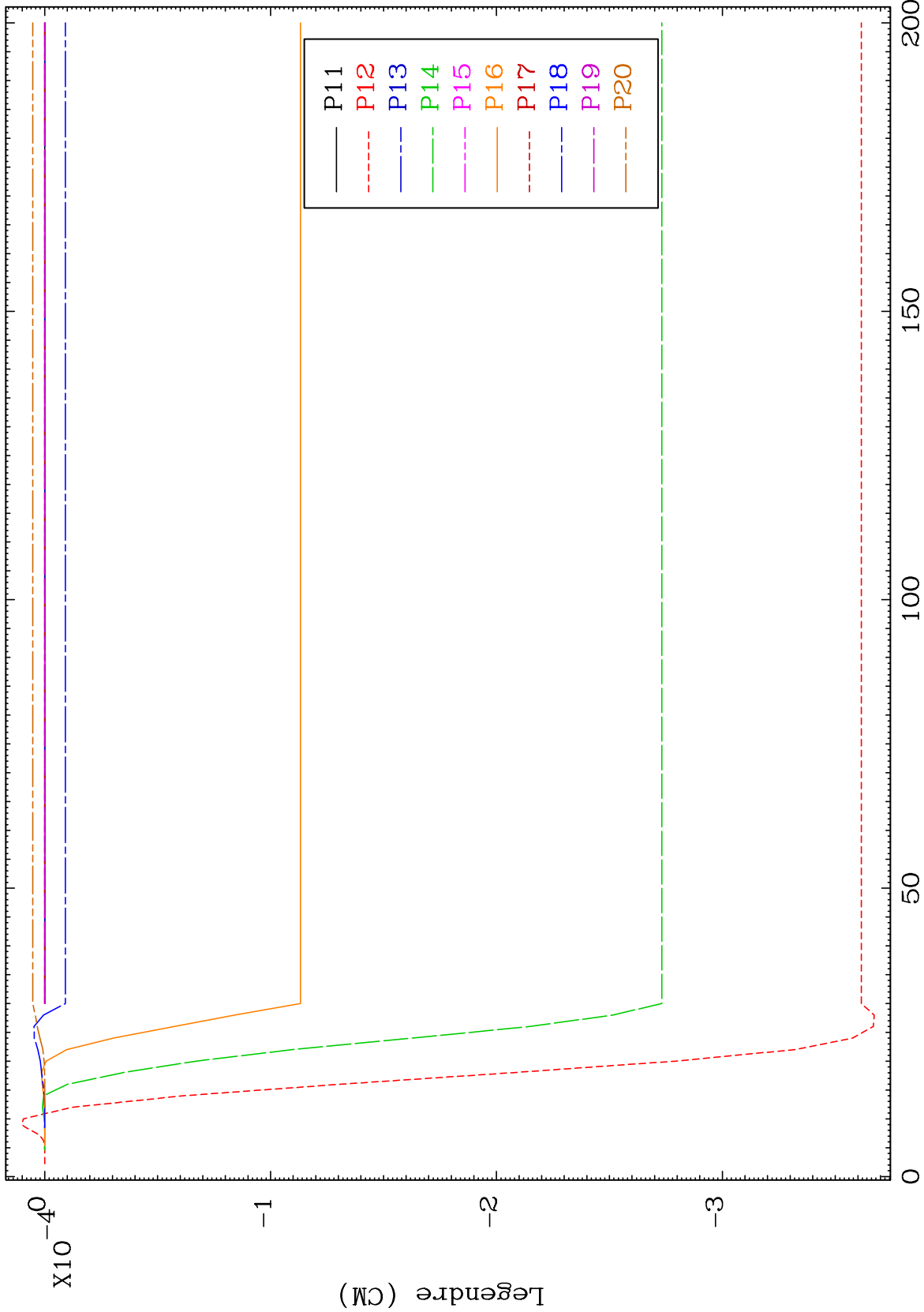
Incident Energy (MeV)

81-T1-204

MAT 8128

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

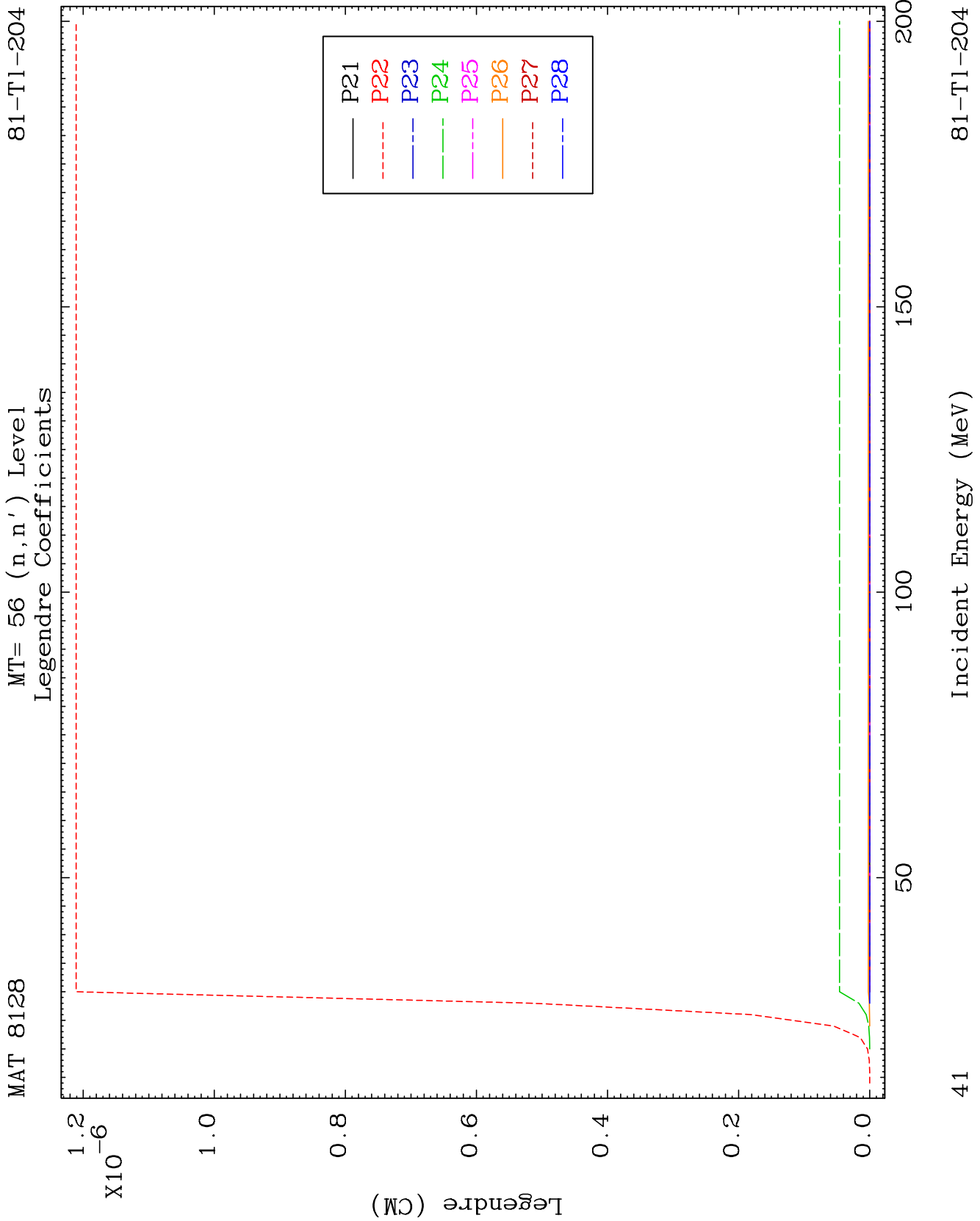
81-T1-204



81-T1-204

Incident Energy (MeV)

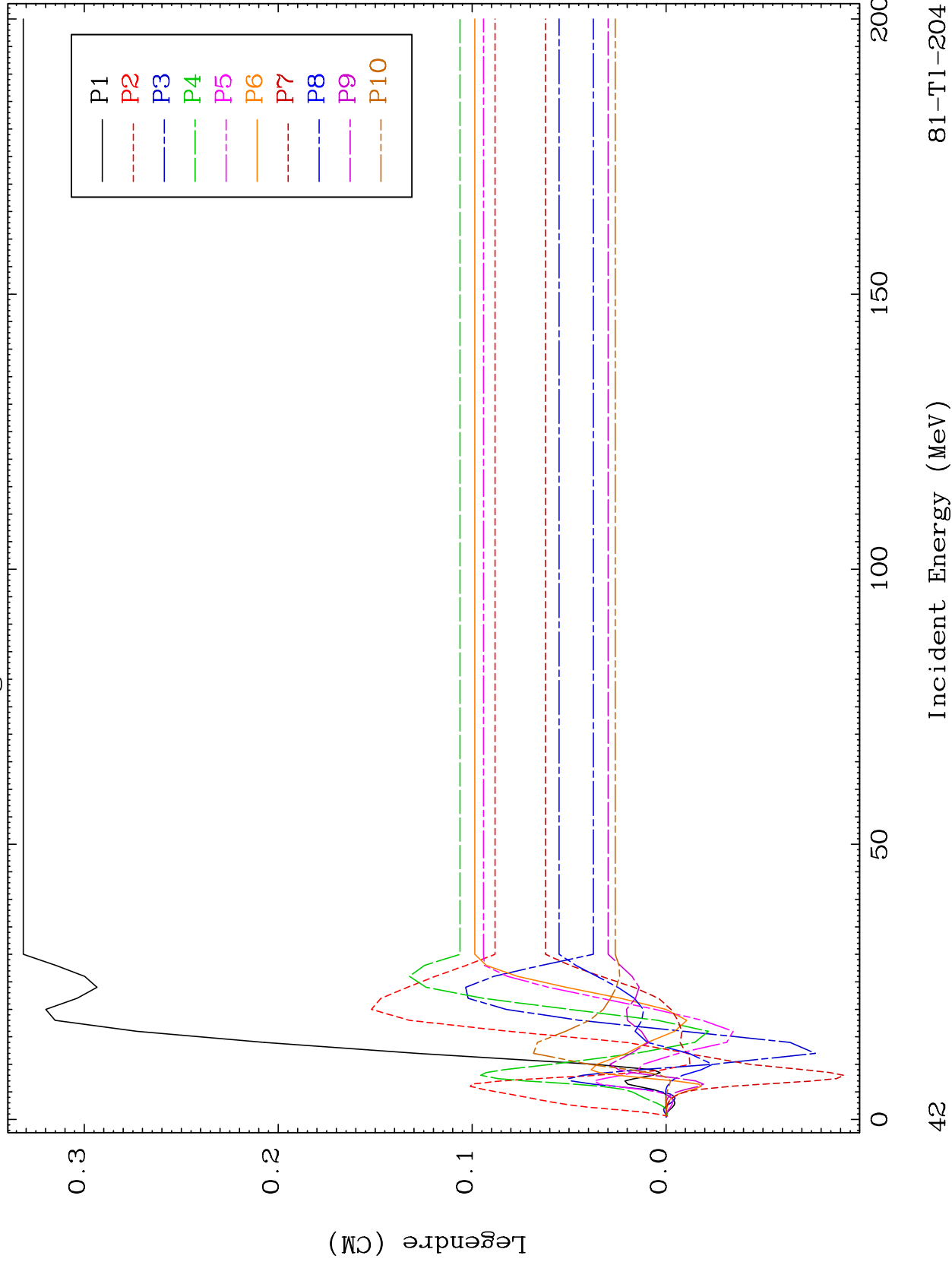
40



MAT 8128

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

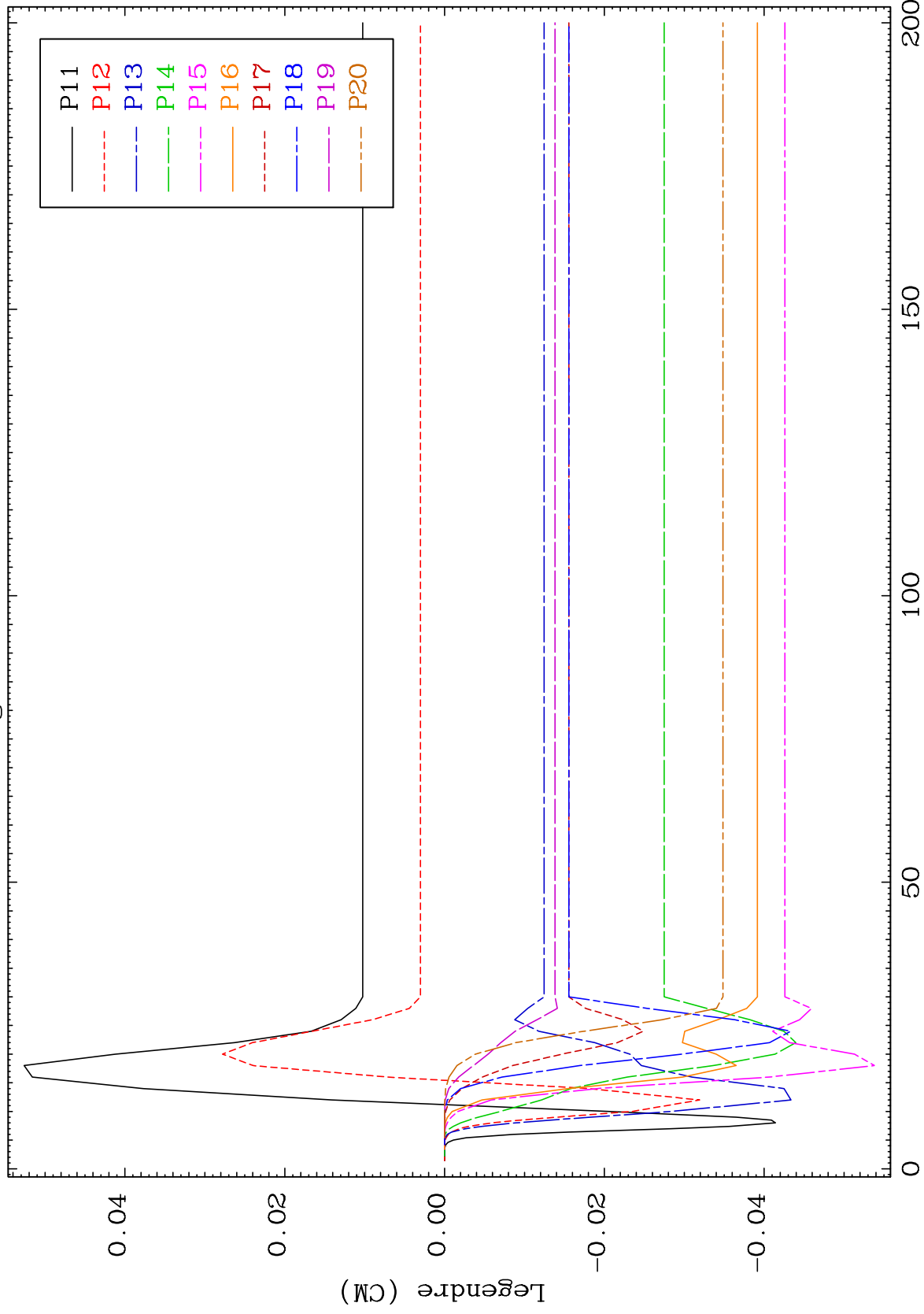
81-T1-204



MAT 8128

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

81-T1-204



43

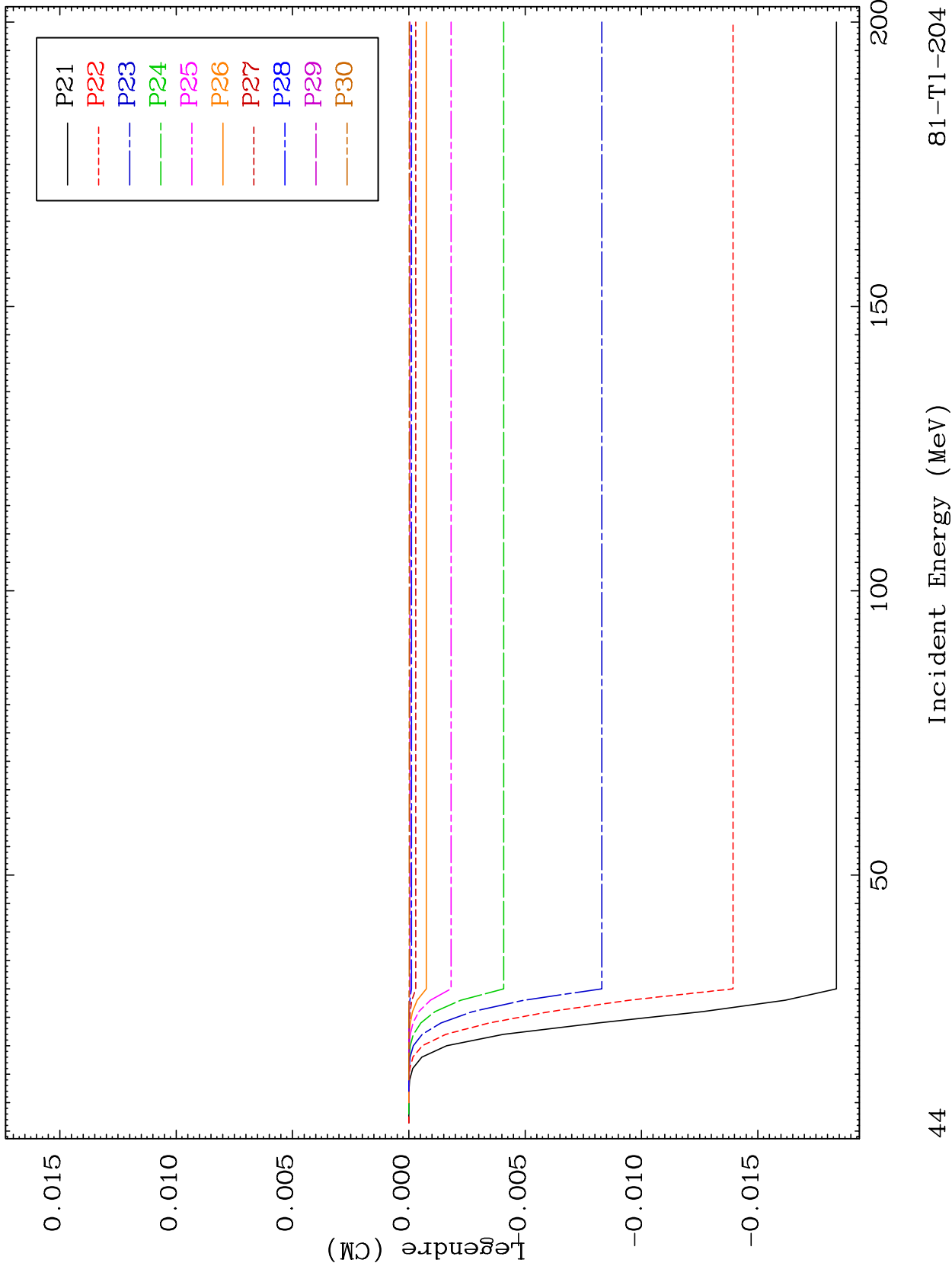
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

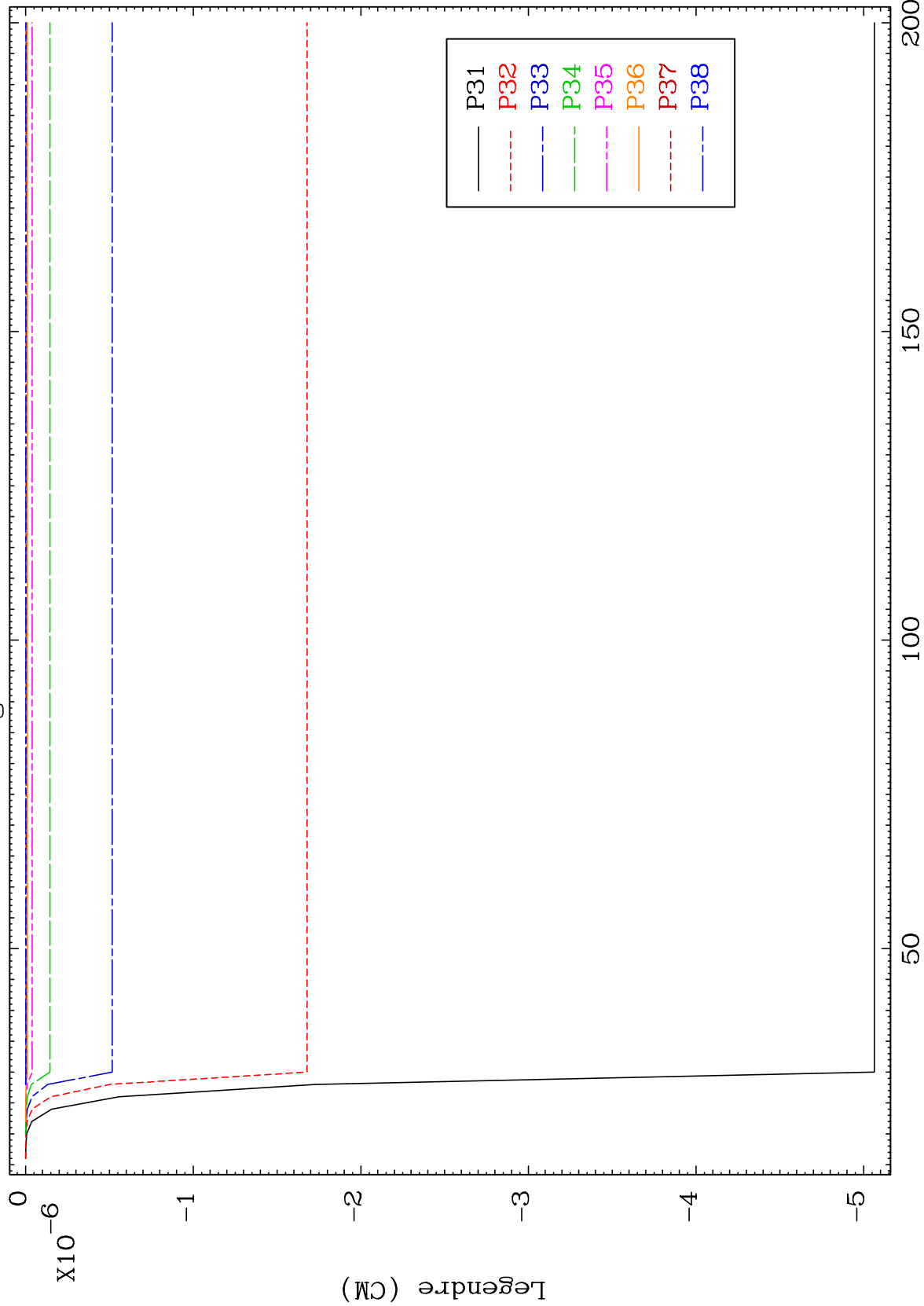


MAT 8128

MT= 57 (n,n') Level

81-T1-204

Legendre Coefficients



45

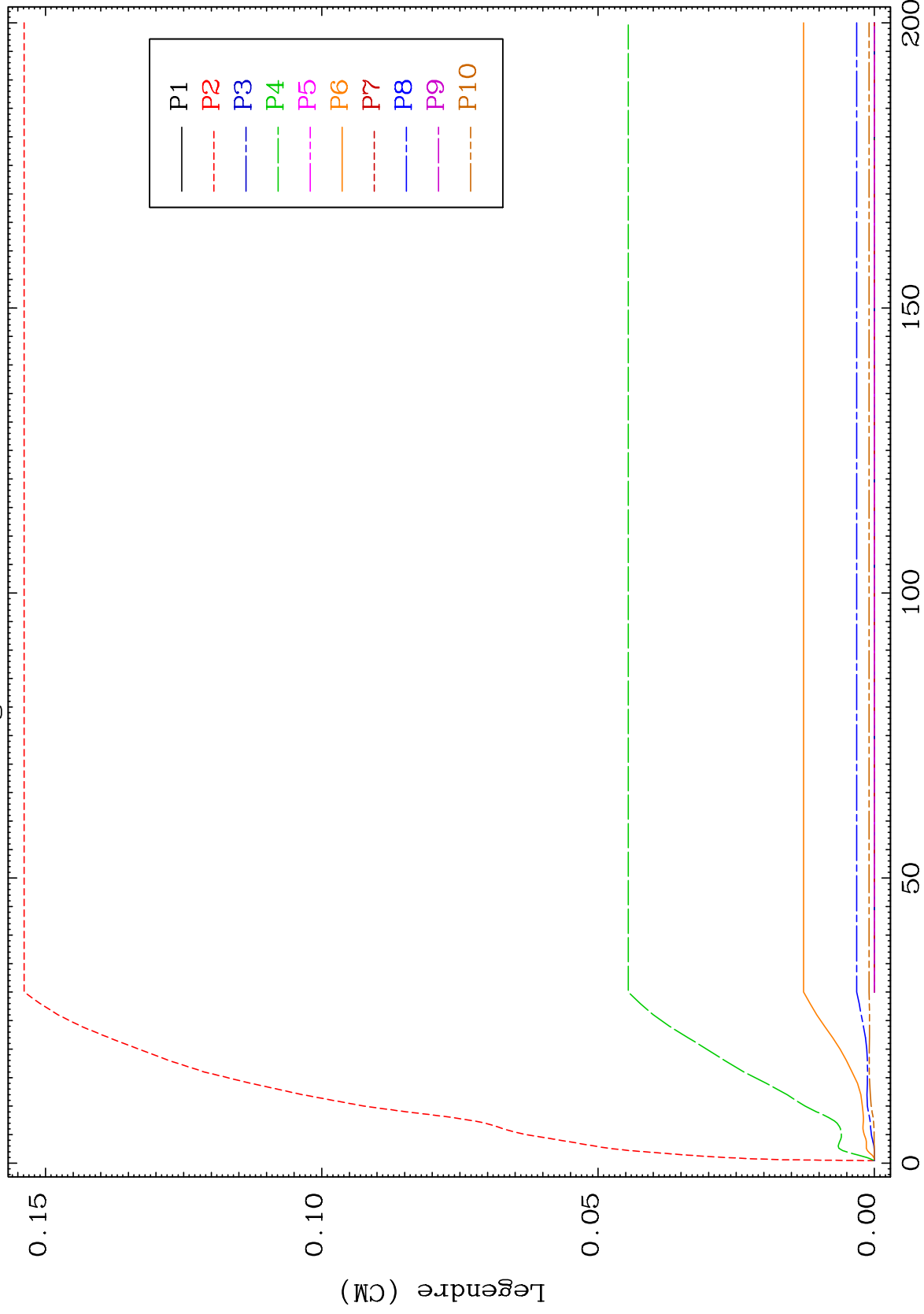
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

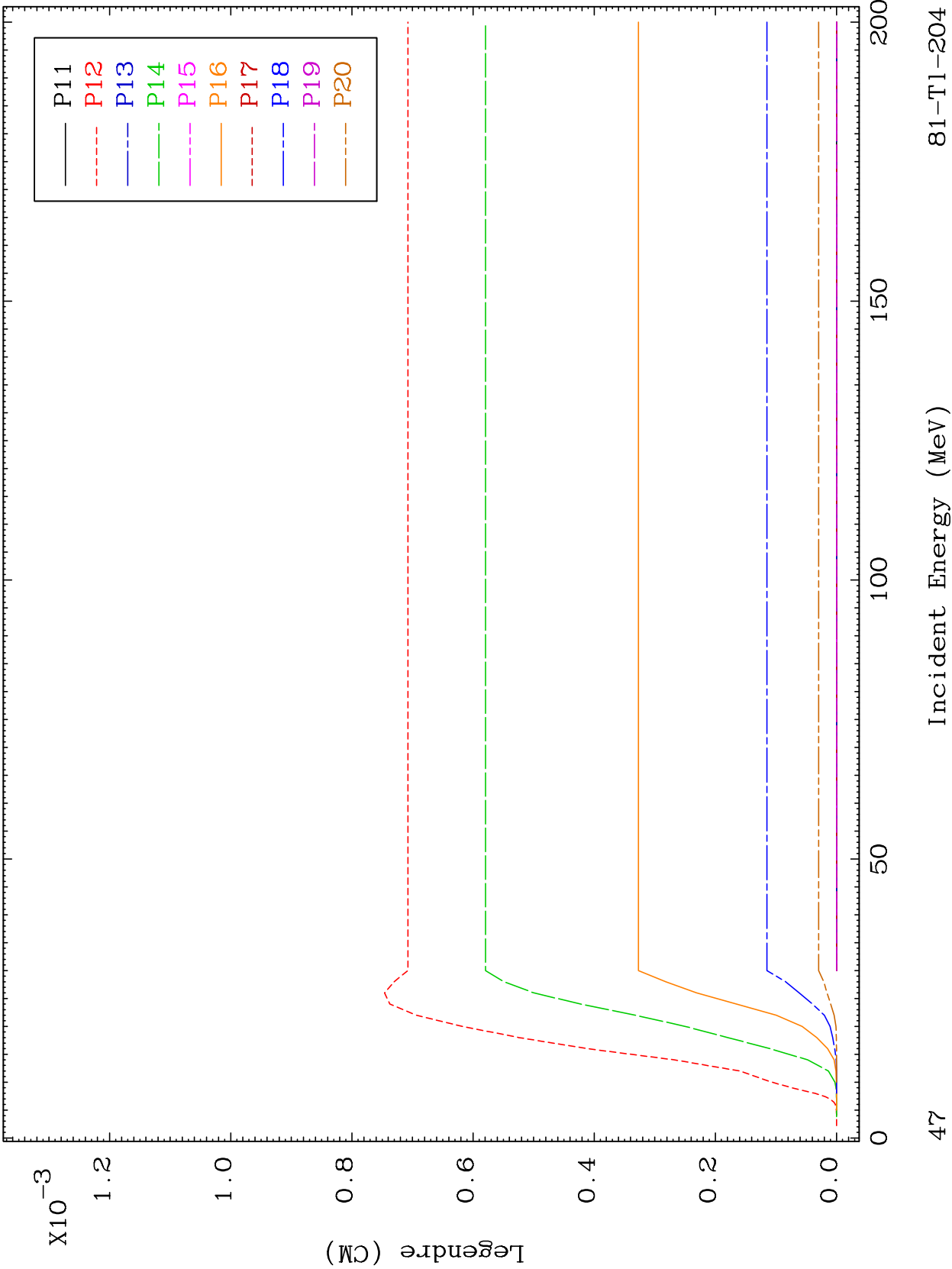
Incident Energy (MeV)

46

MAT 8128

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

81-T1-204



47

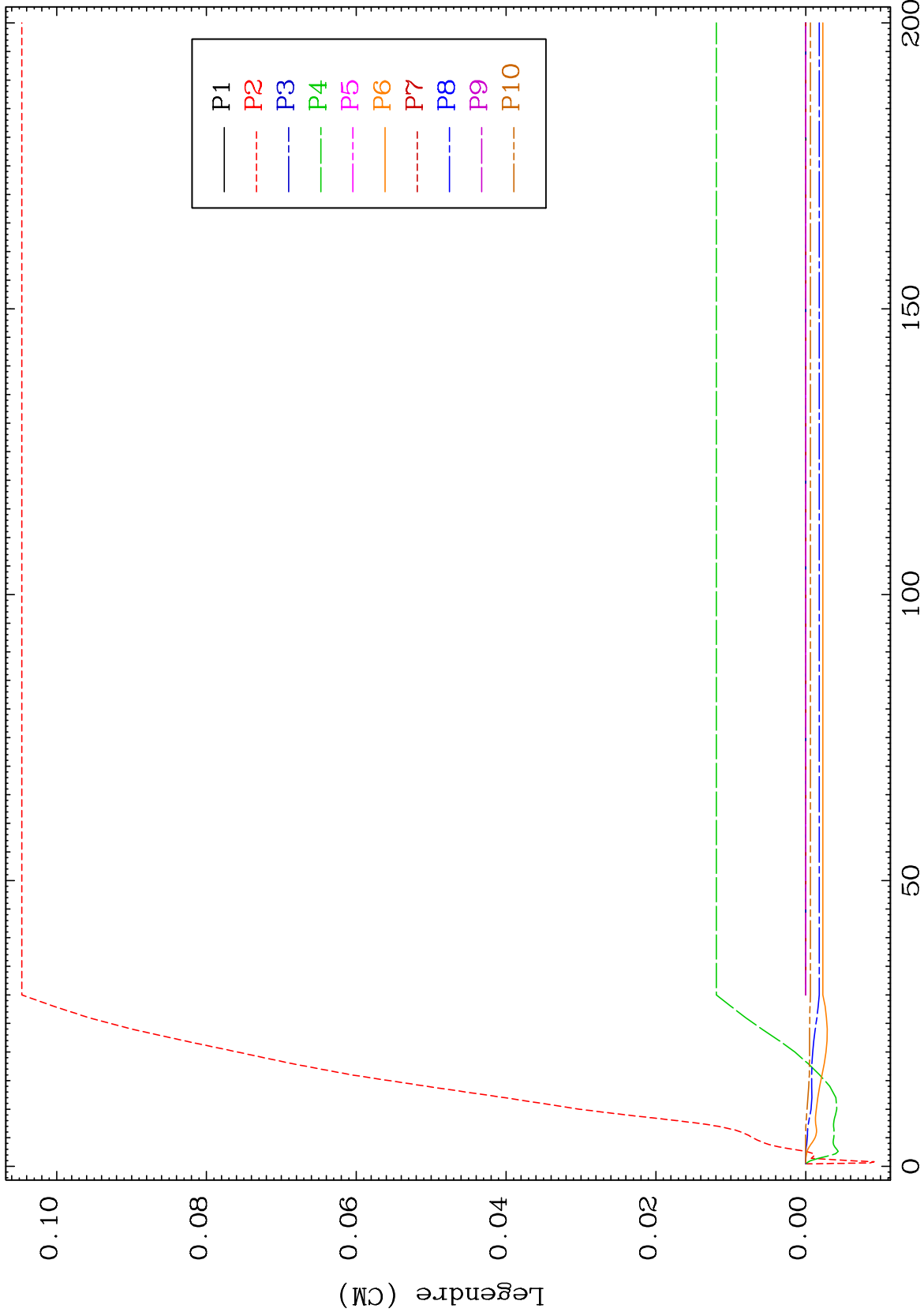
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



49

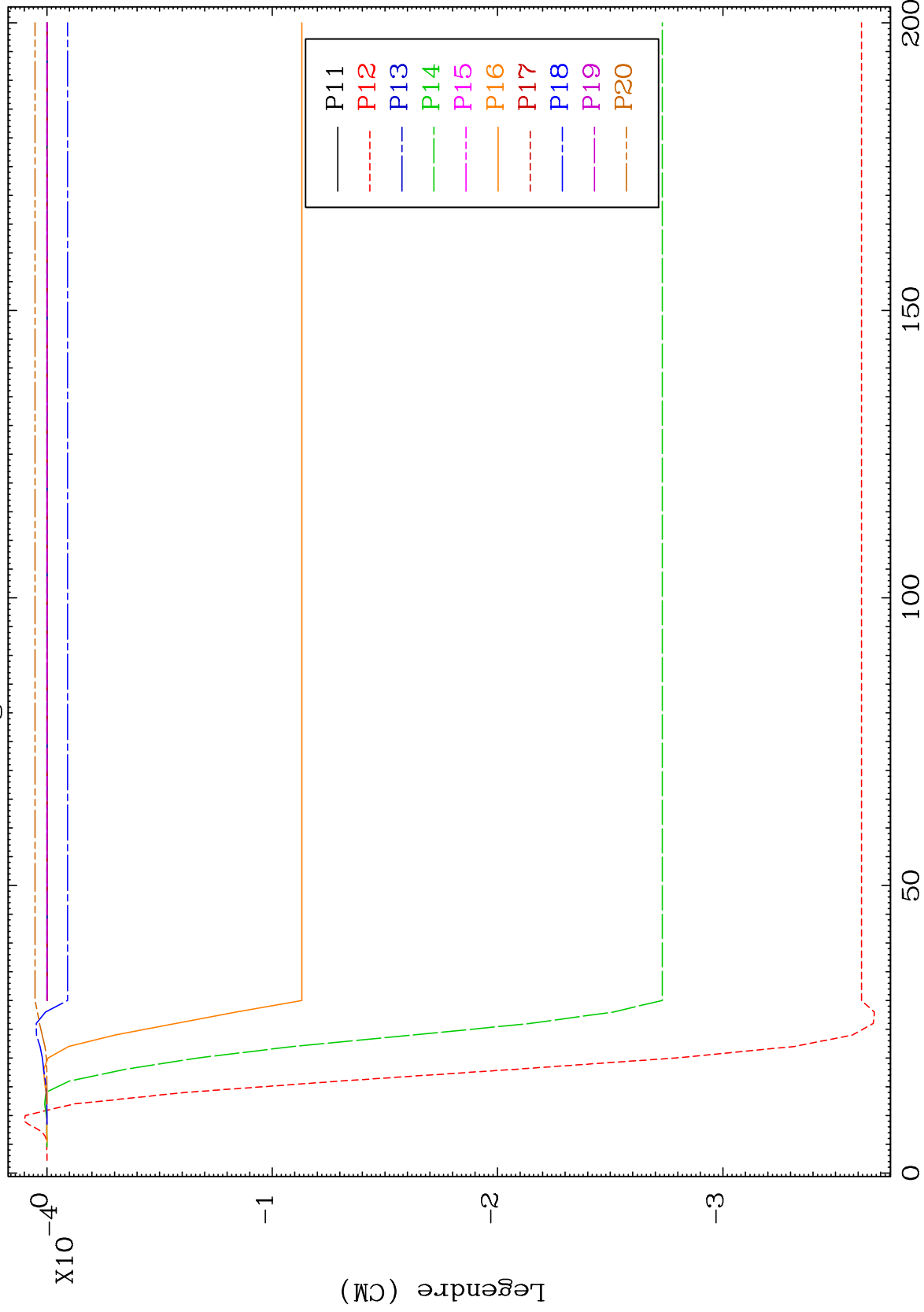
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

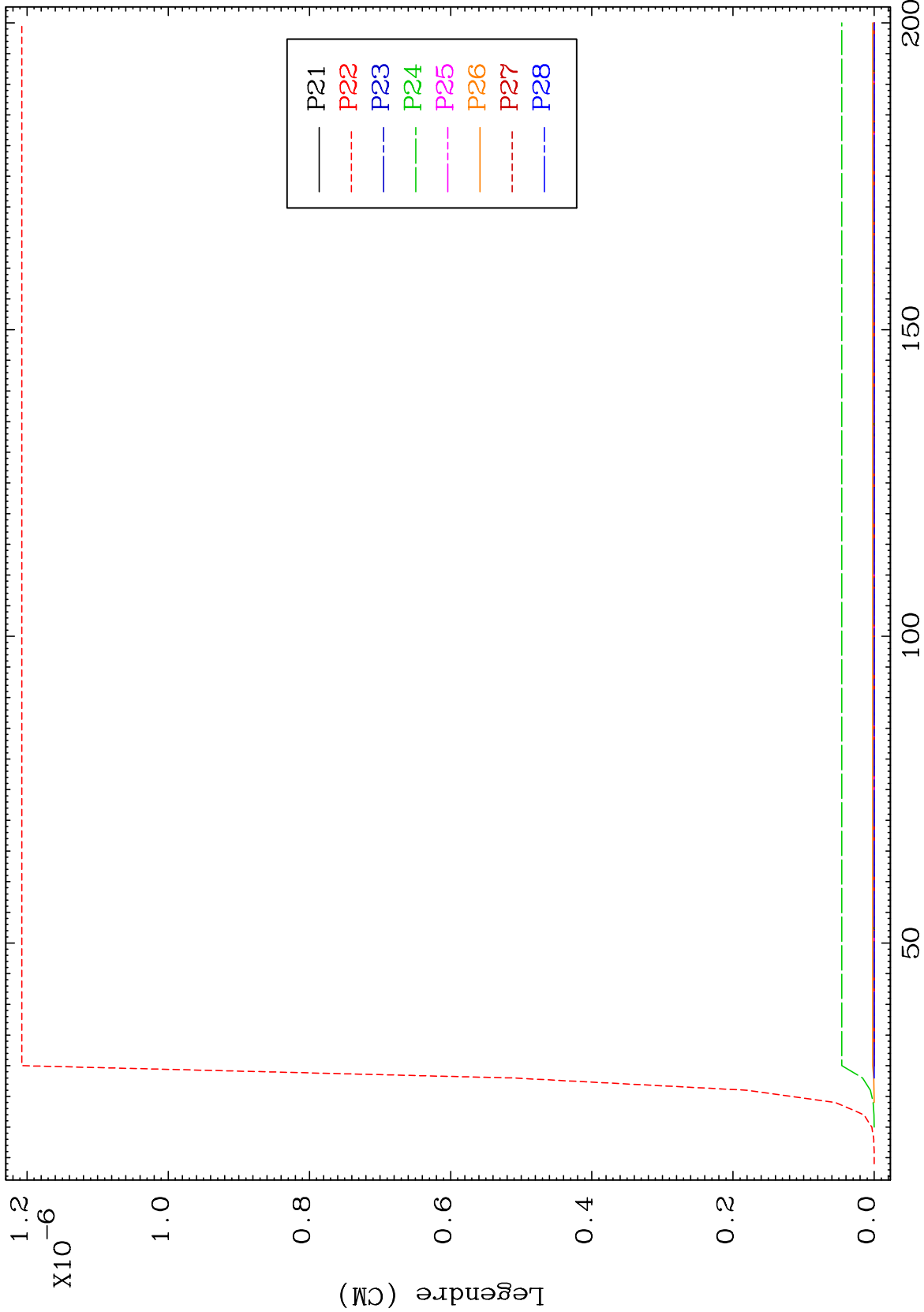
Incident Energy (MeV)

50

MAT 8128

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

81-T1-204



51

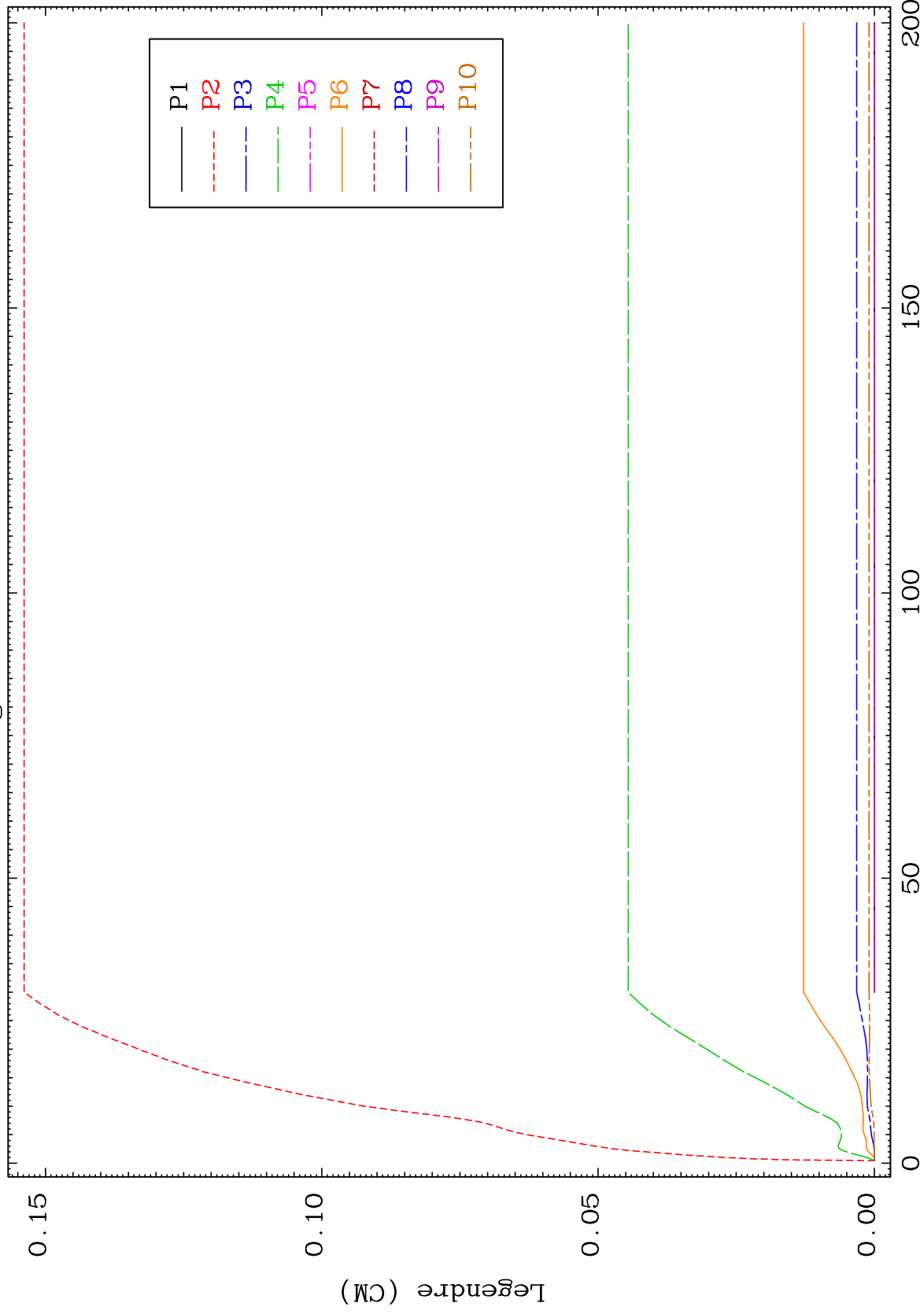
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



52

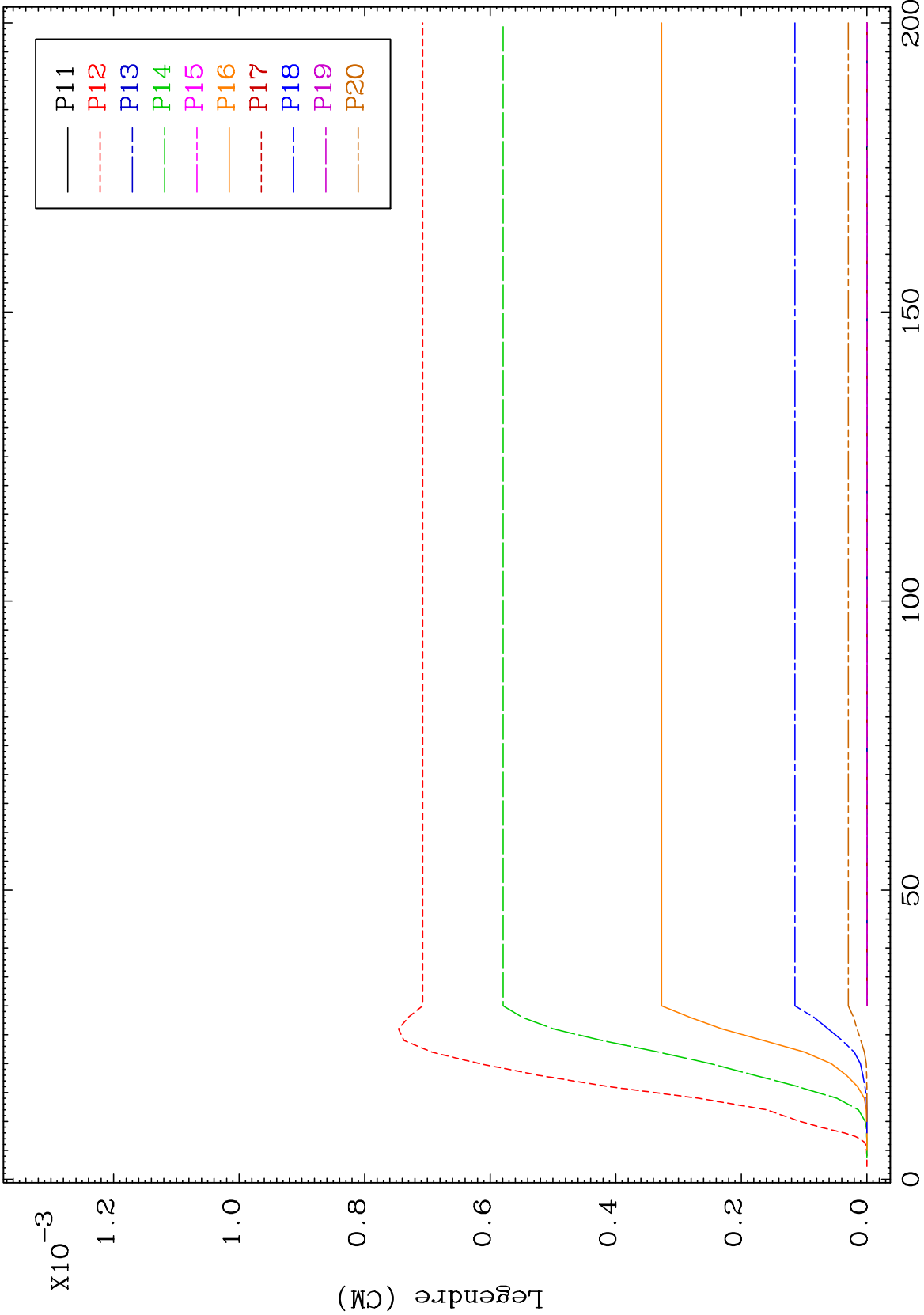
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



53

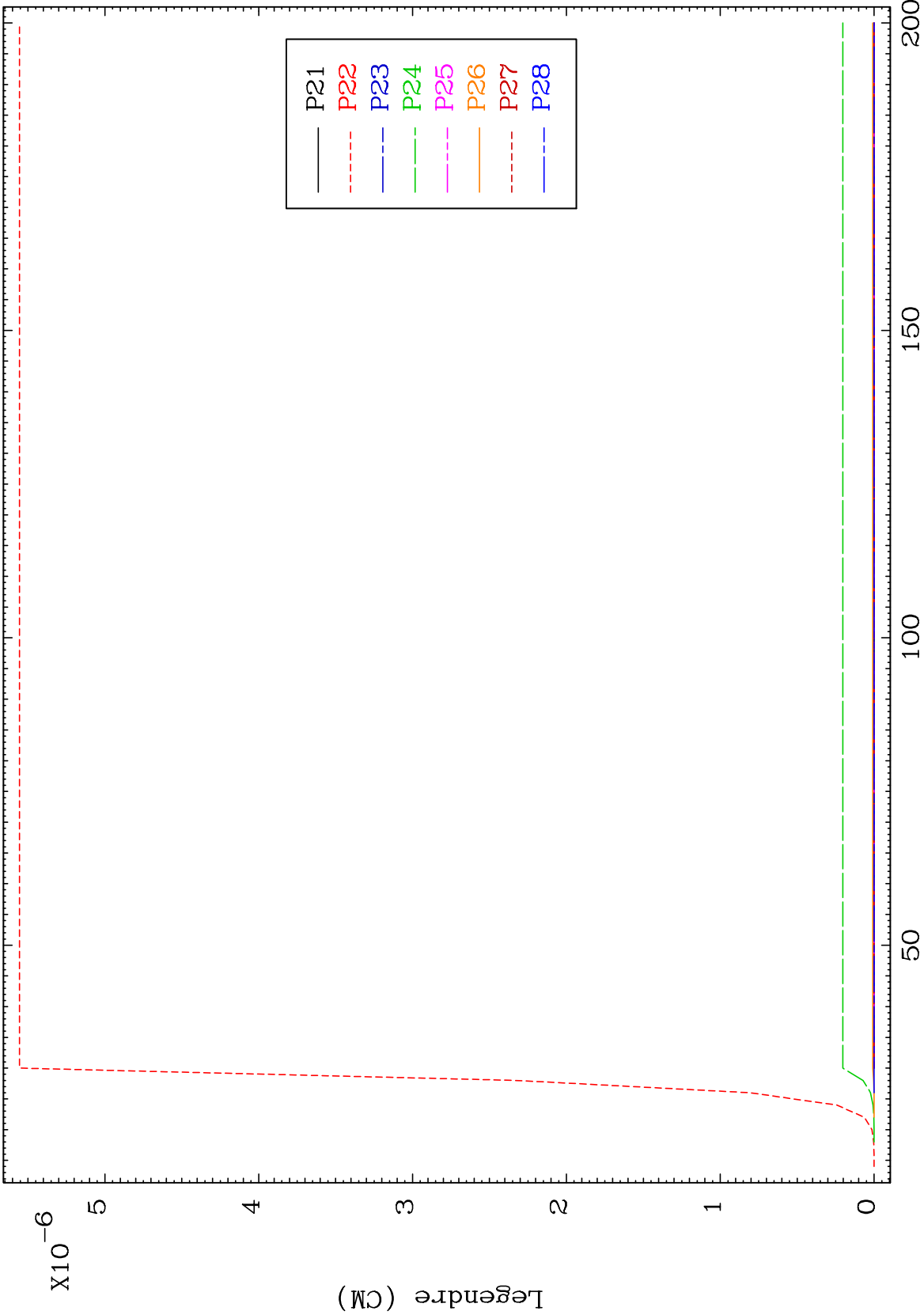
Incident Energy (MeV)

81-T1-204

MAT 8128

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

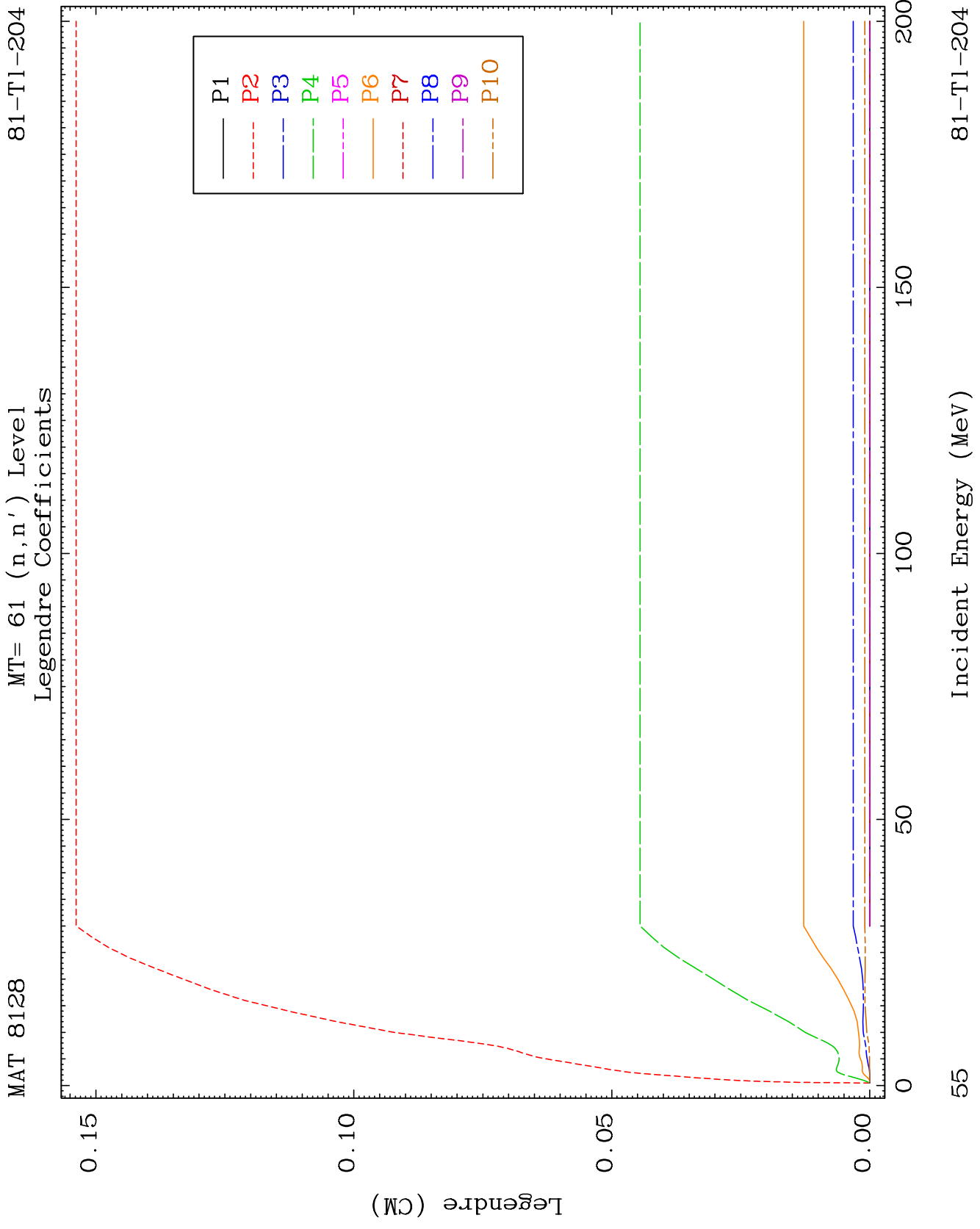
81-T1-204



54

Incident Energy (MeV)

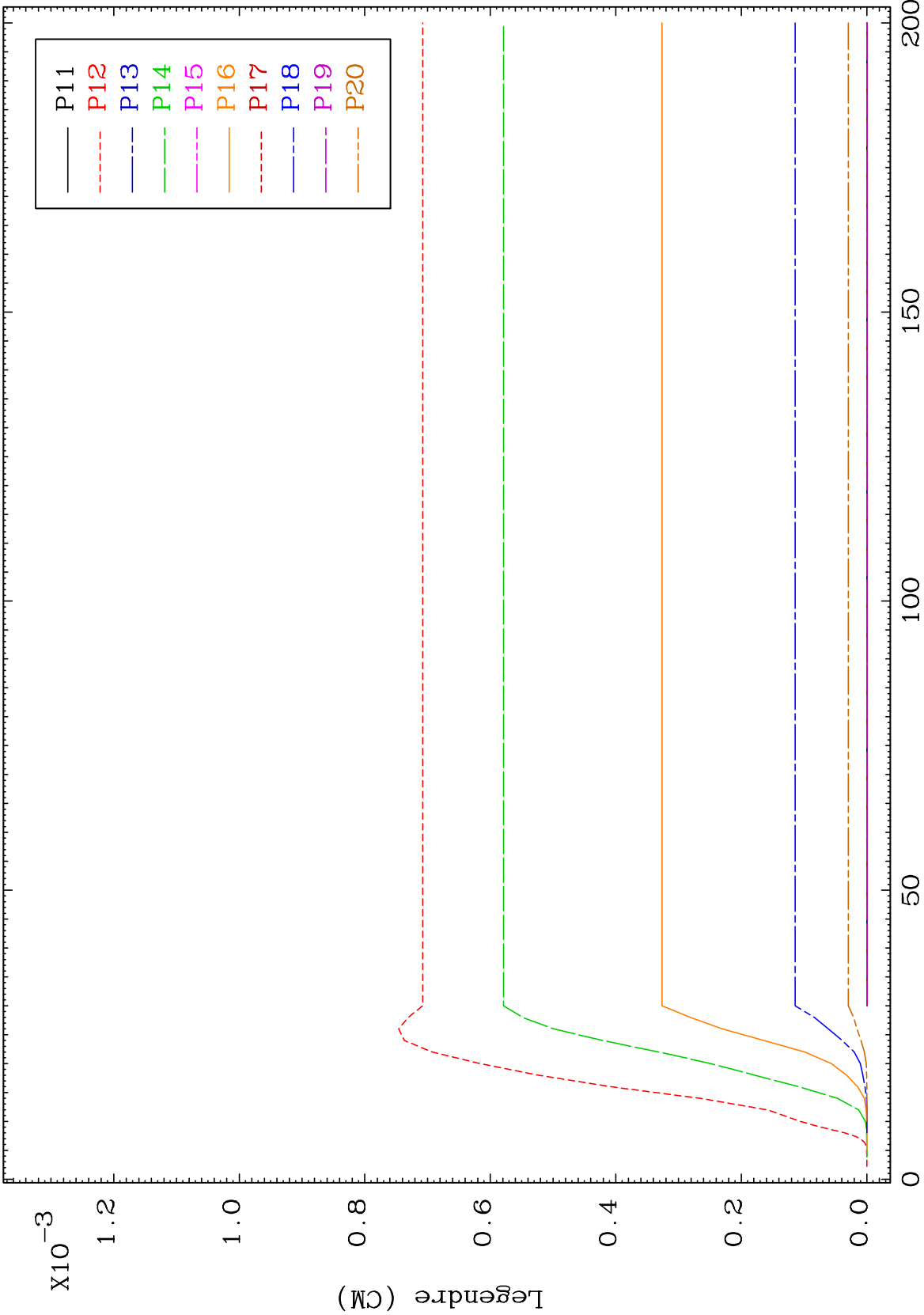
81-T1-204



MAT 8128

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

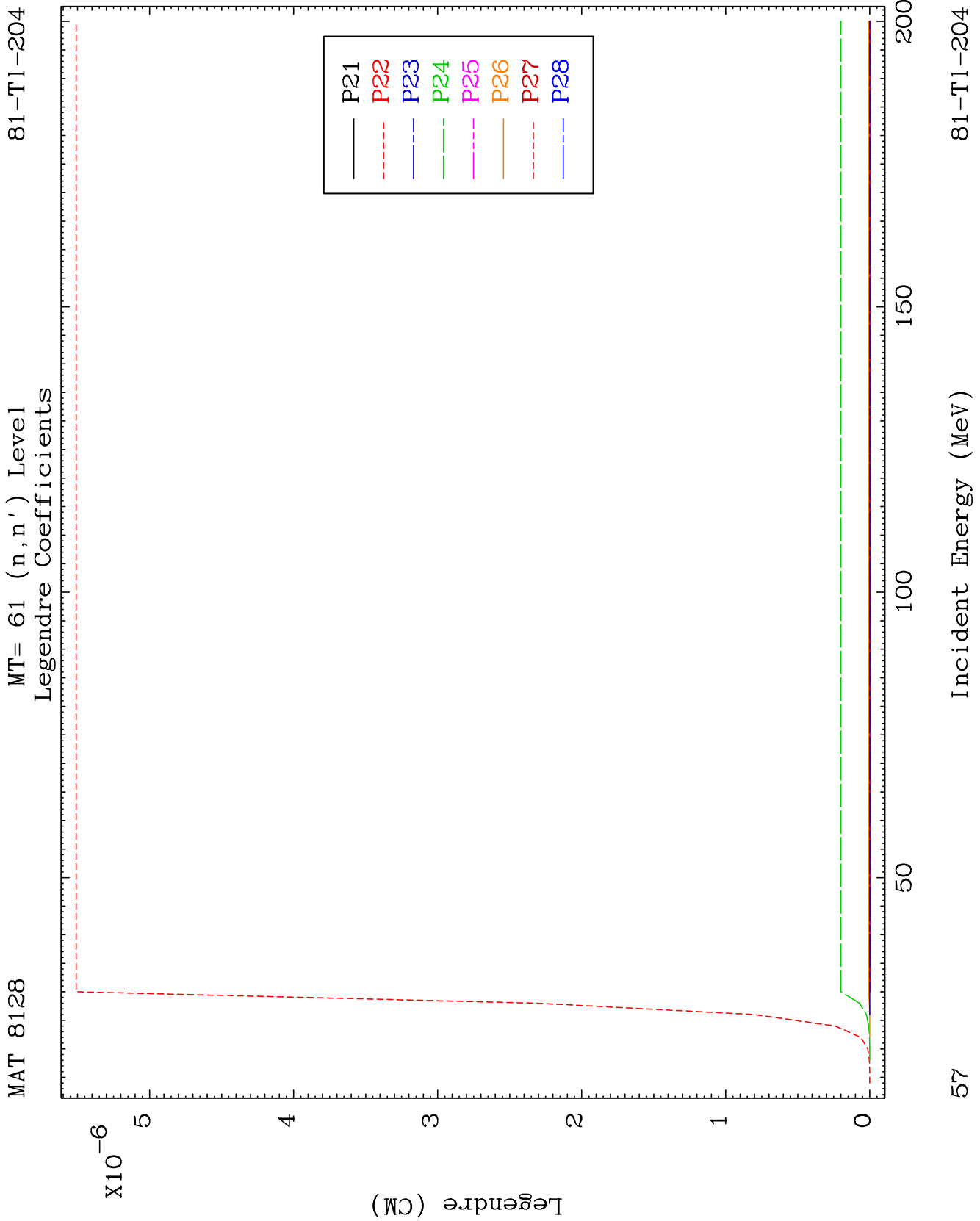
81-T1-204



56

Incident Energy (MeV)

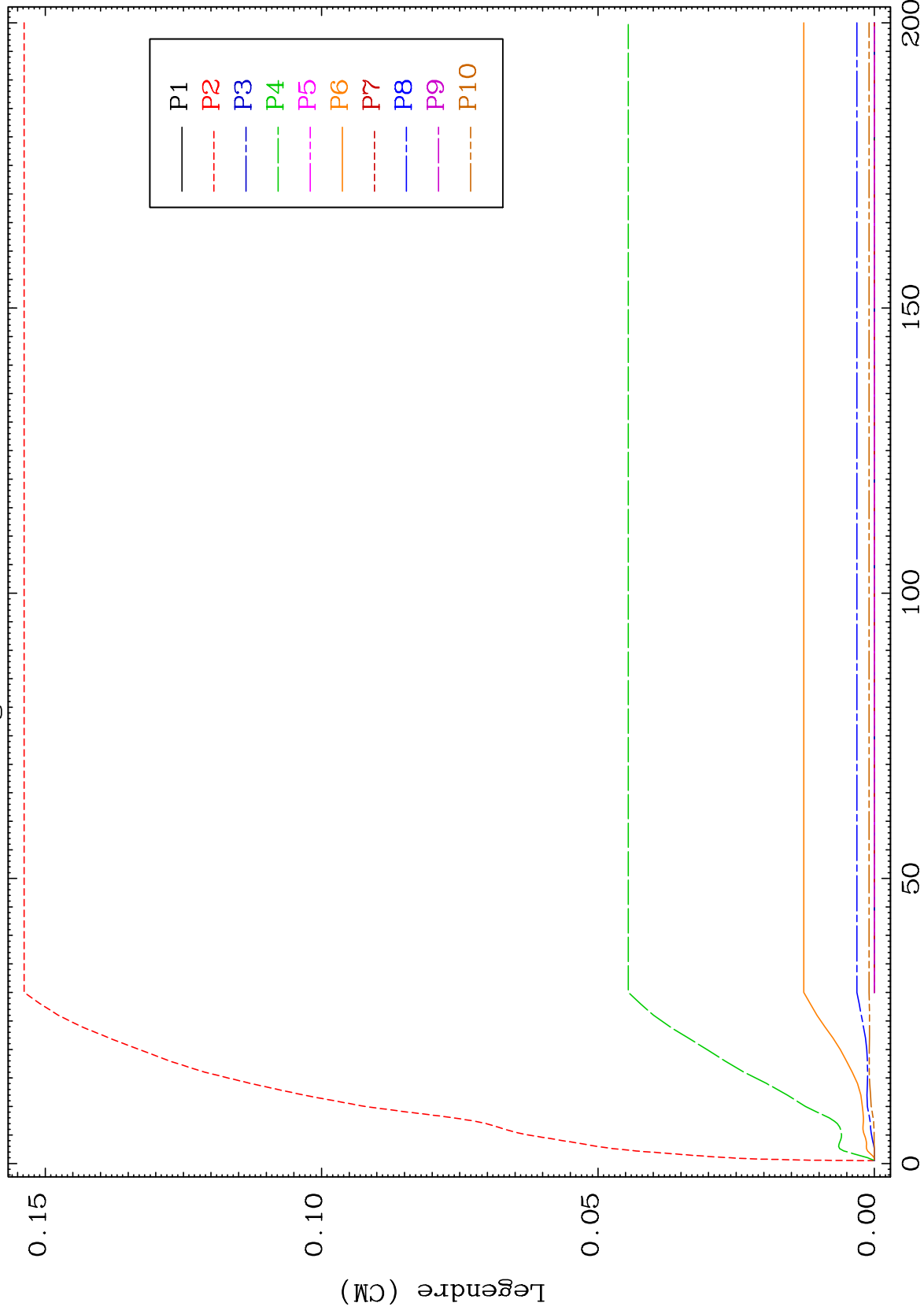
81-T1-204



MAT 8128

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

81-T1-204



58

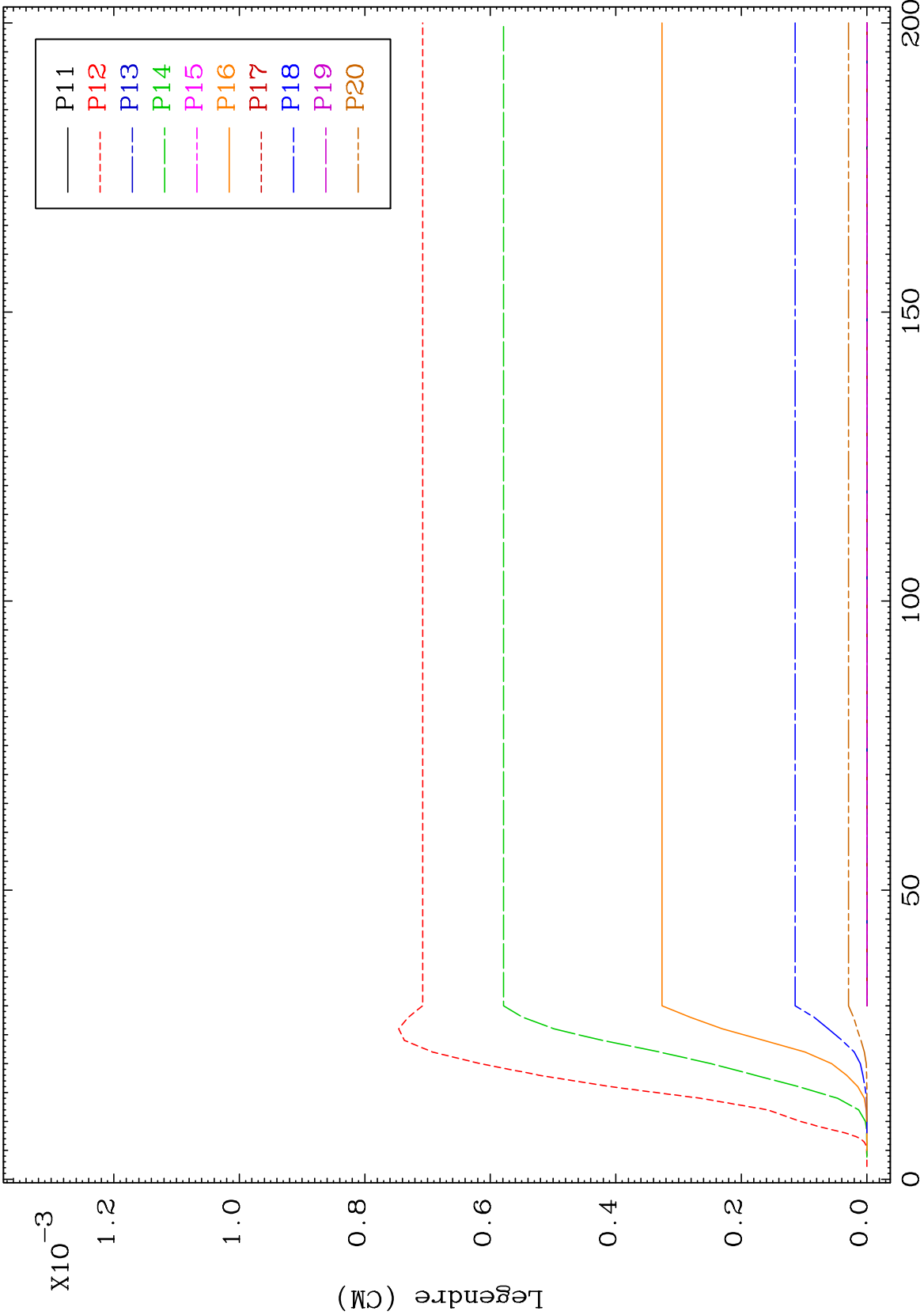
Incident Energy (MeV)

81-T1-204

MAT 8128

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

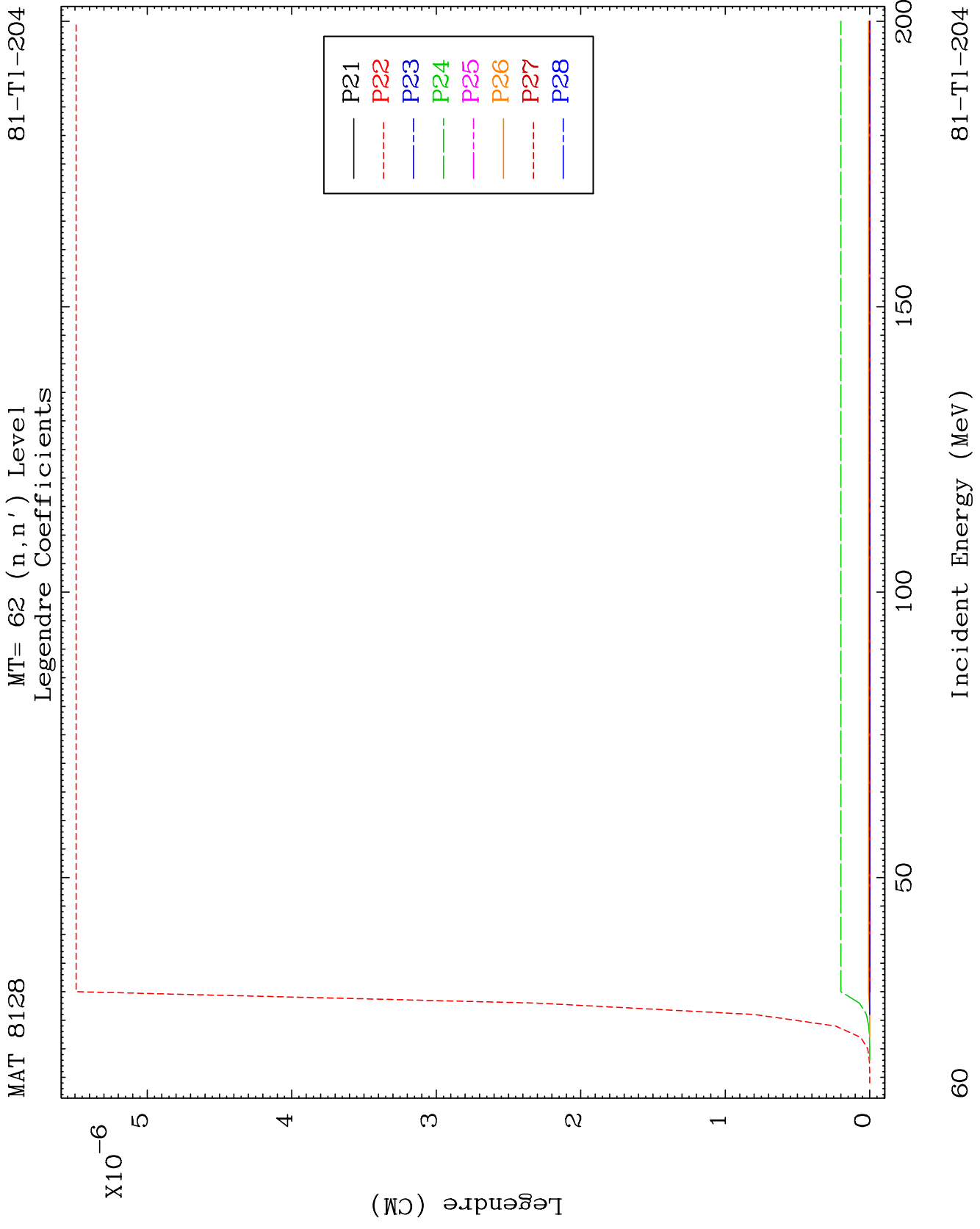
81-T1-204



59

Incident Energy (MeV)

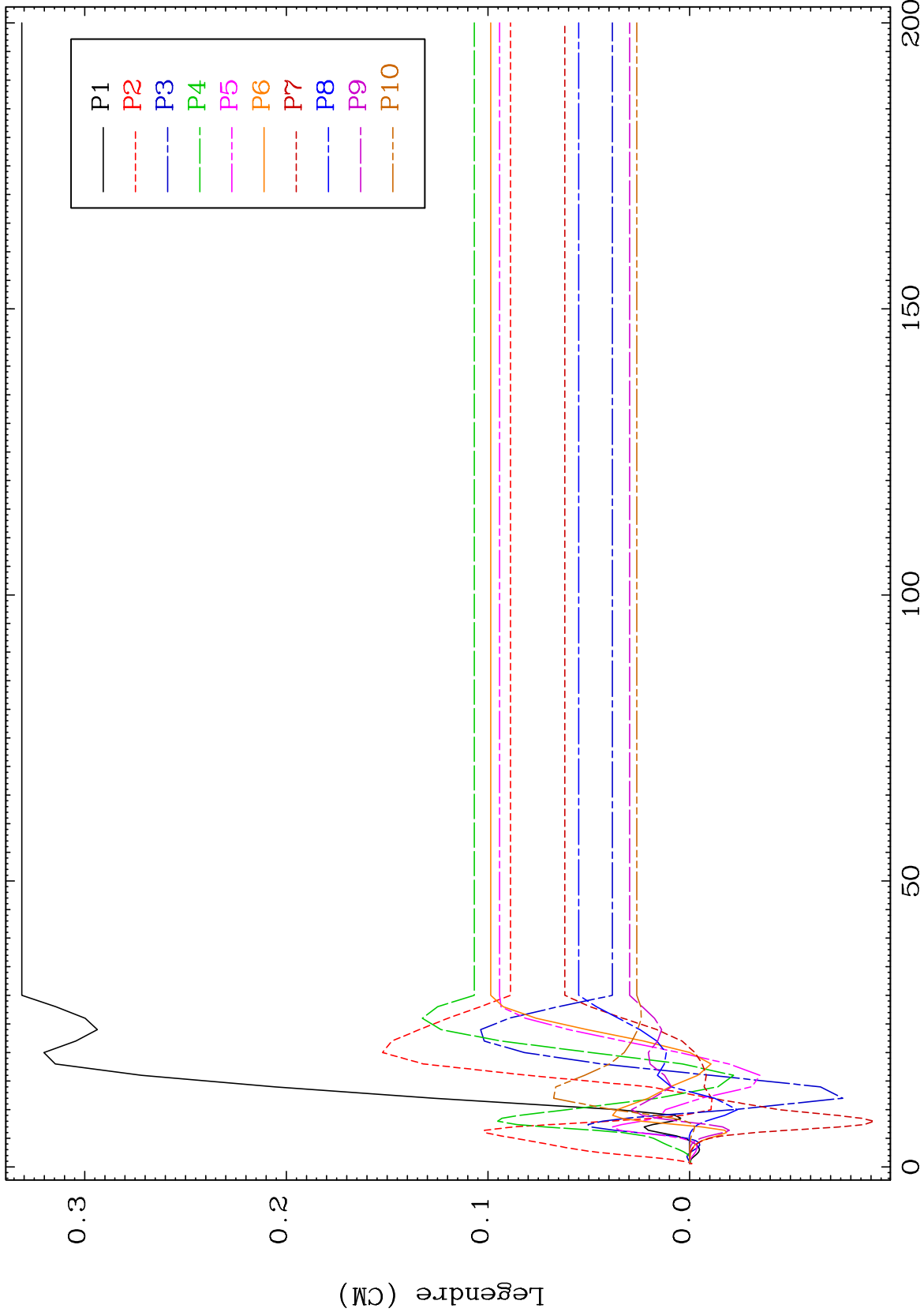
81-T1-204



MAT 8128

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

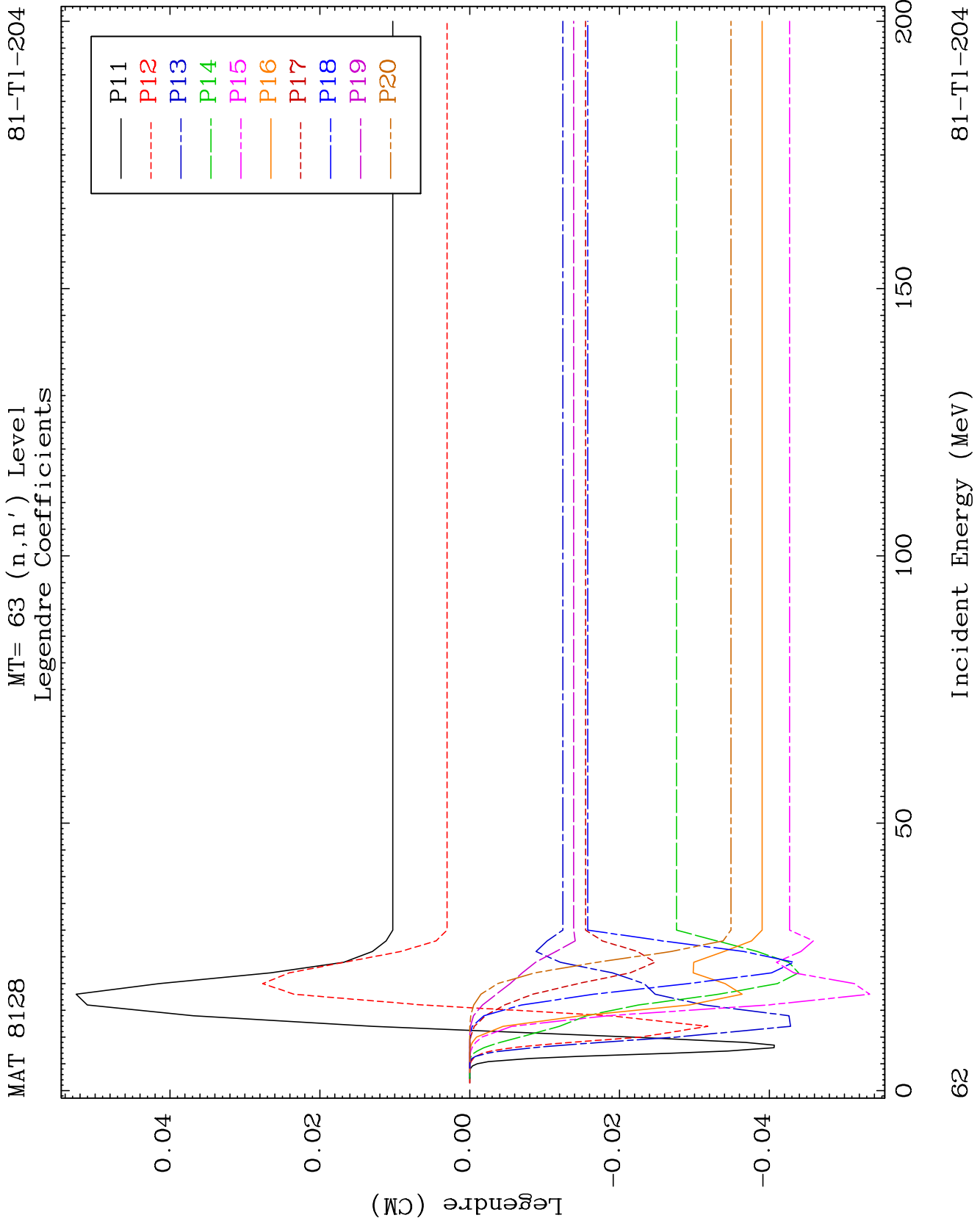
81-T1-204



61

Incident Energy (MeV)

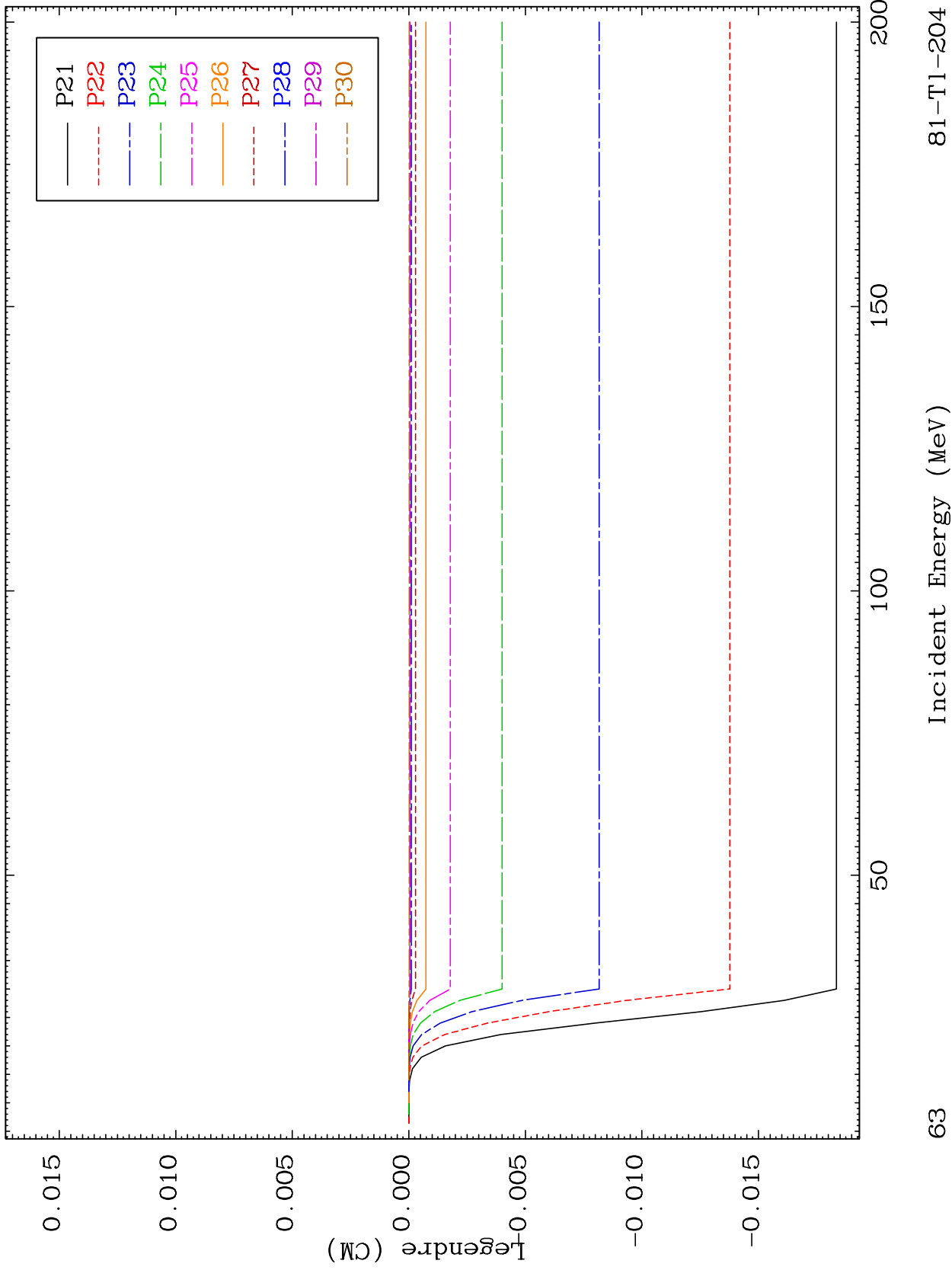
81-T1-204



MAT 8128

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

81-T1-204



63

Incident Energy (MeV)

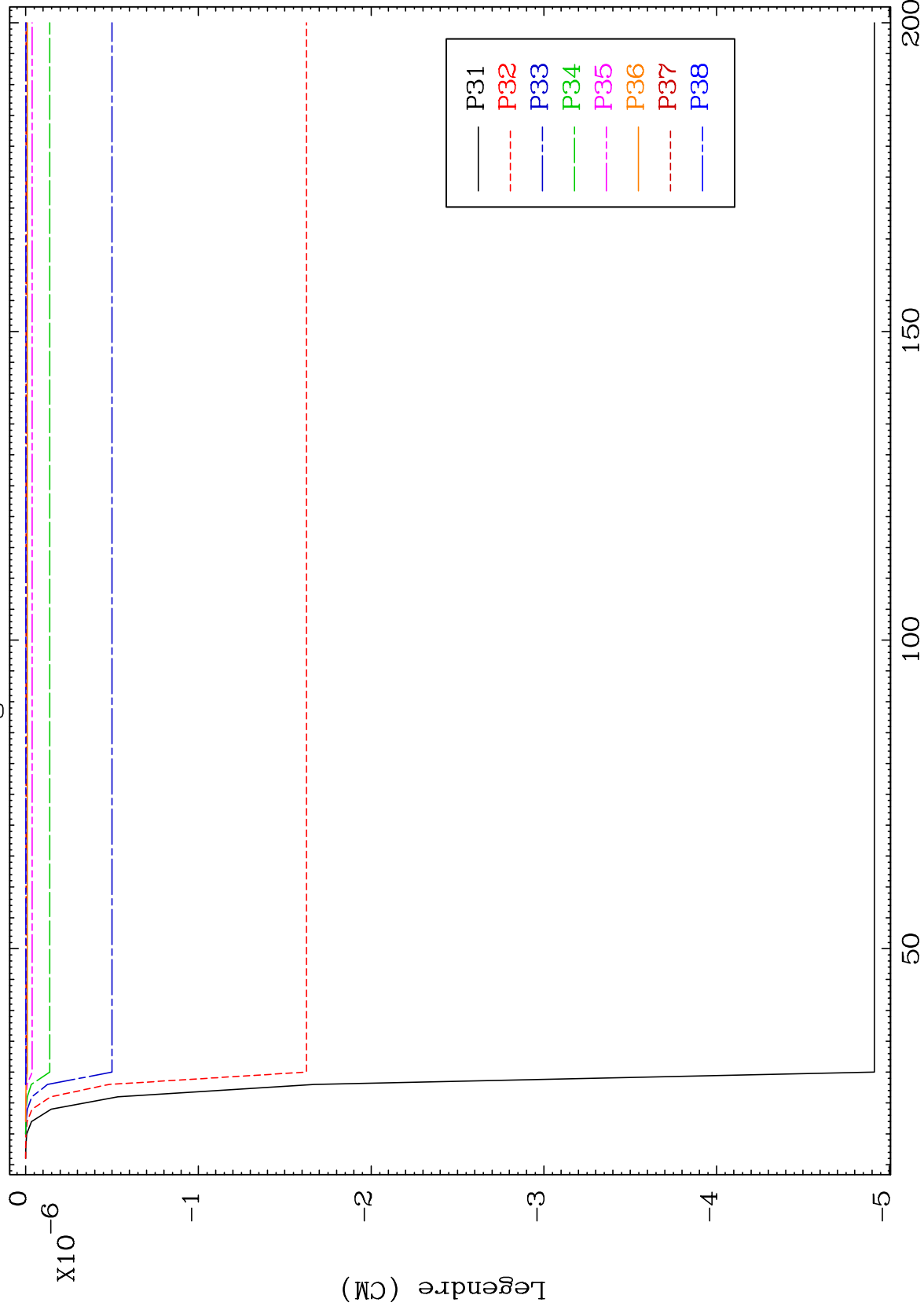
81-T1-204

MAT 8128

MT= 63 (n,n') Level

81-T1-204

Legendre Coefficients



64

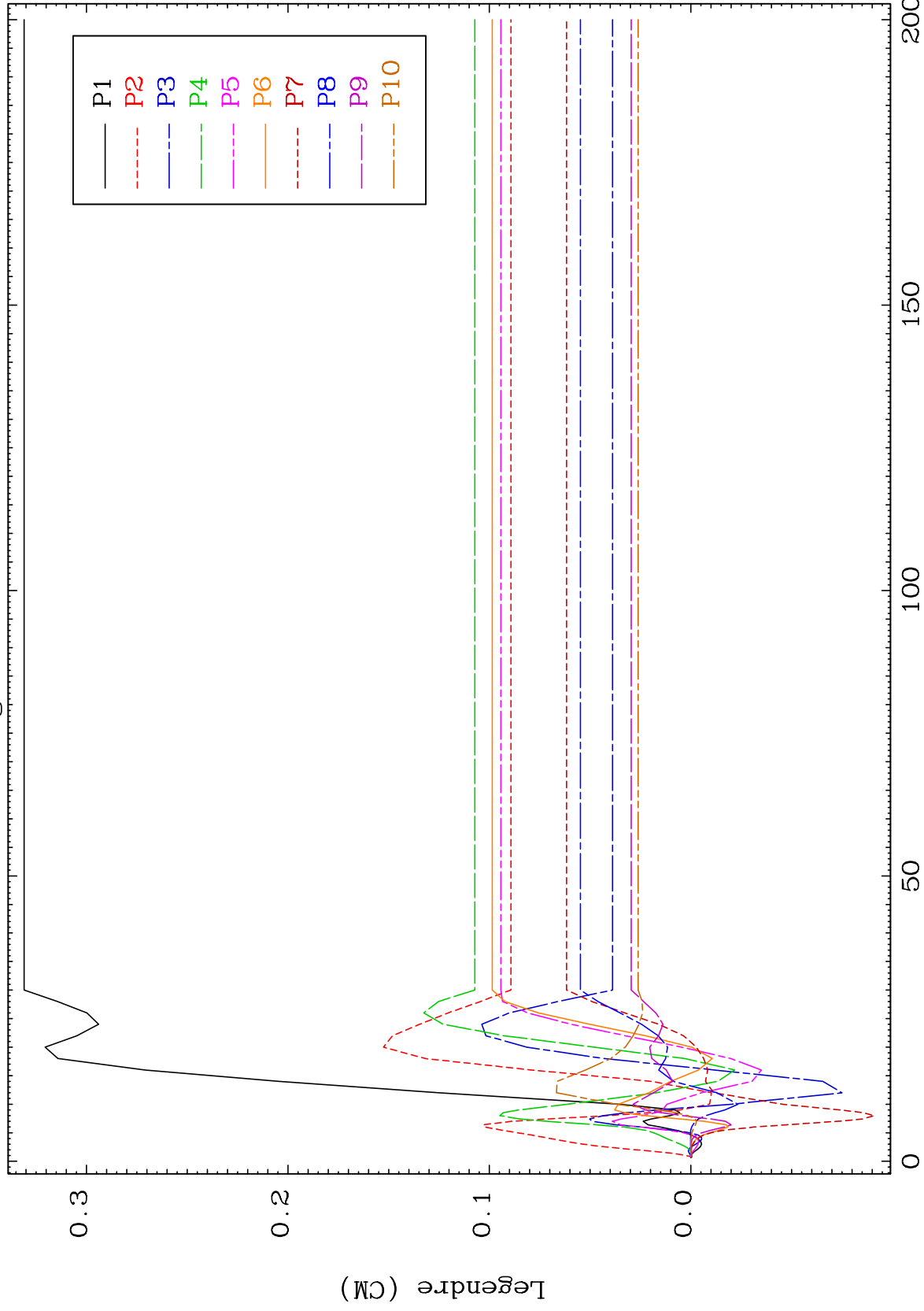
Incident Energy (MeV)

81-T1-204

MAT 8128

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

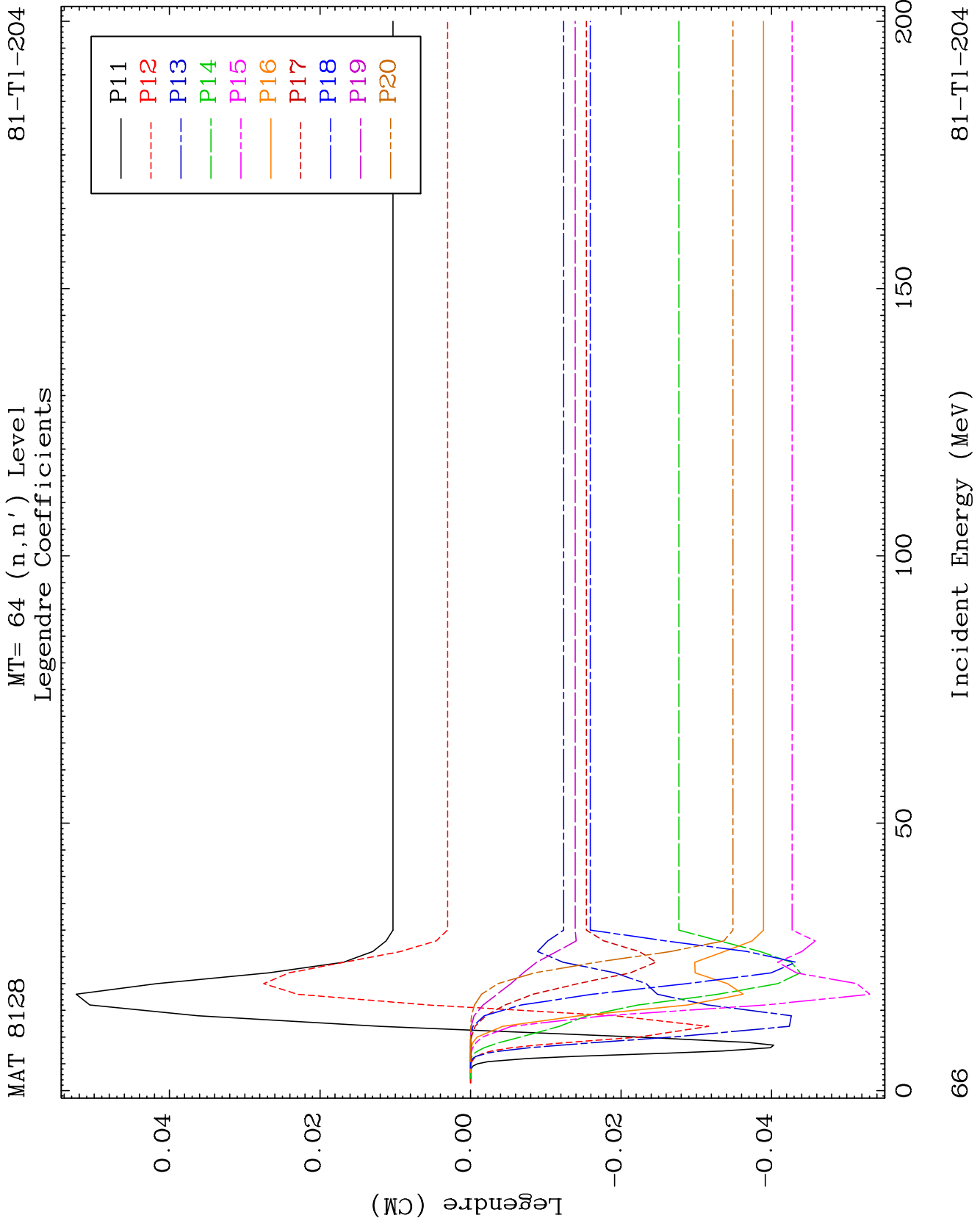
81-T1-204



81-T1-204

Incident Energy (MeV)

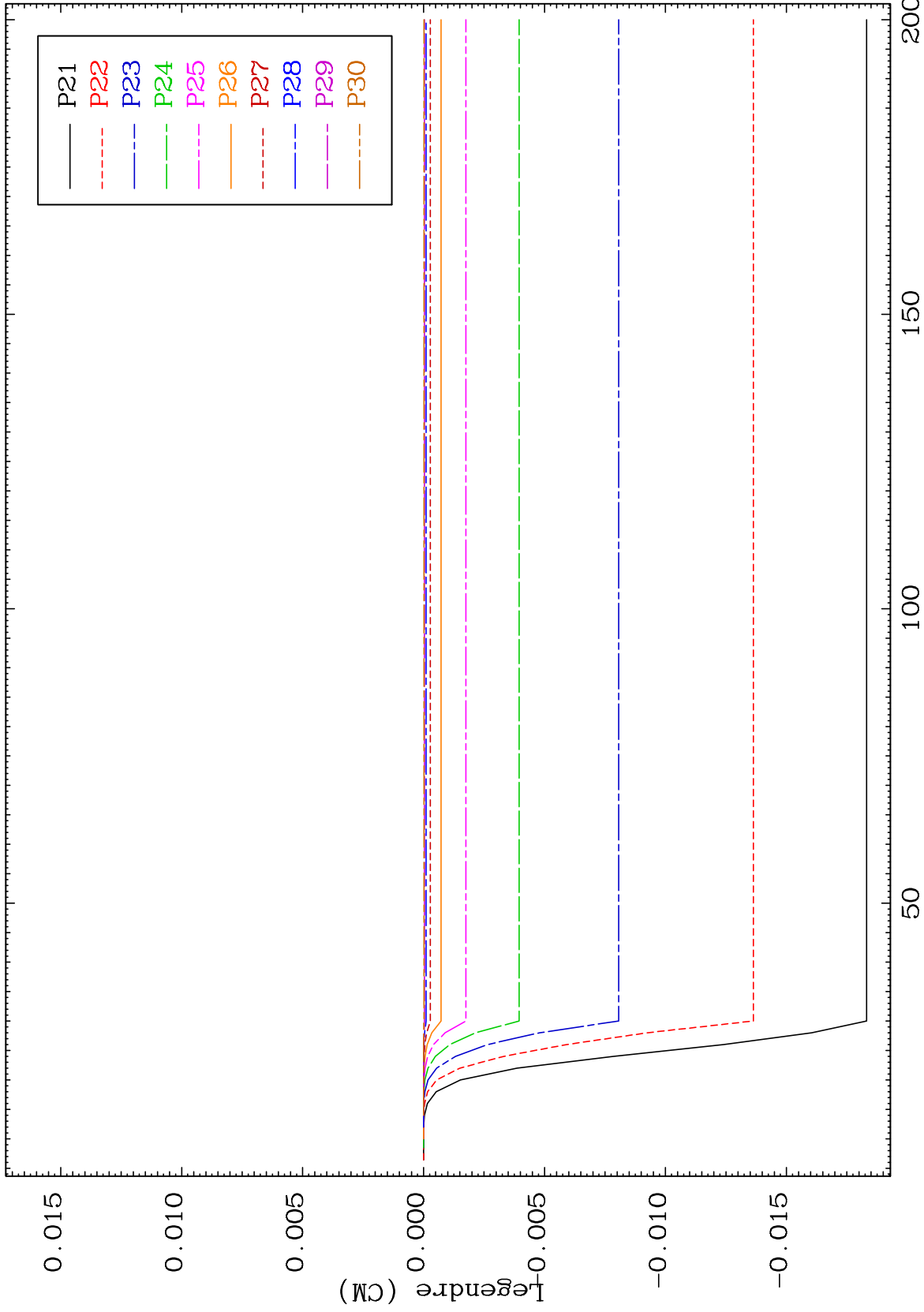
65



MAT 8128

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

81-T1-204



67

Incident Energy (MeV)

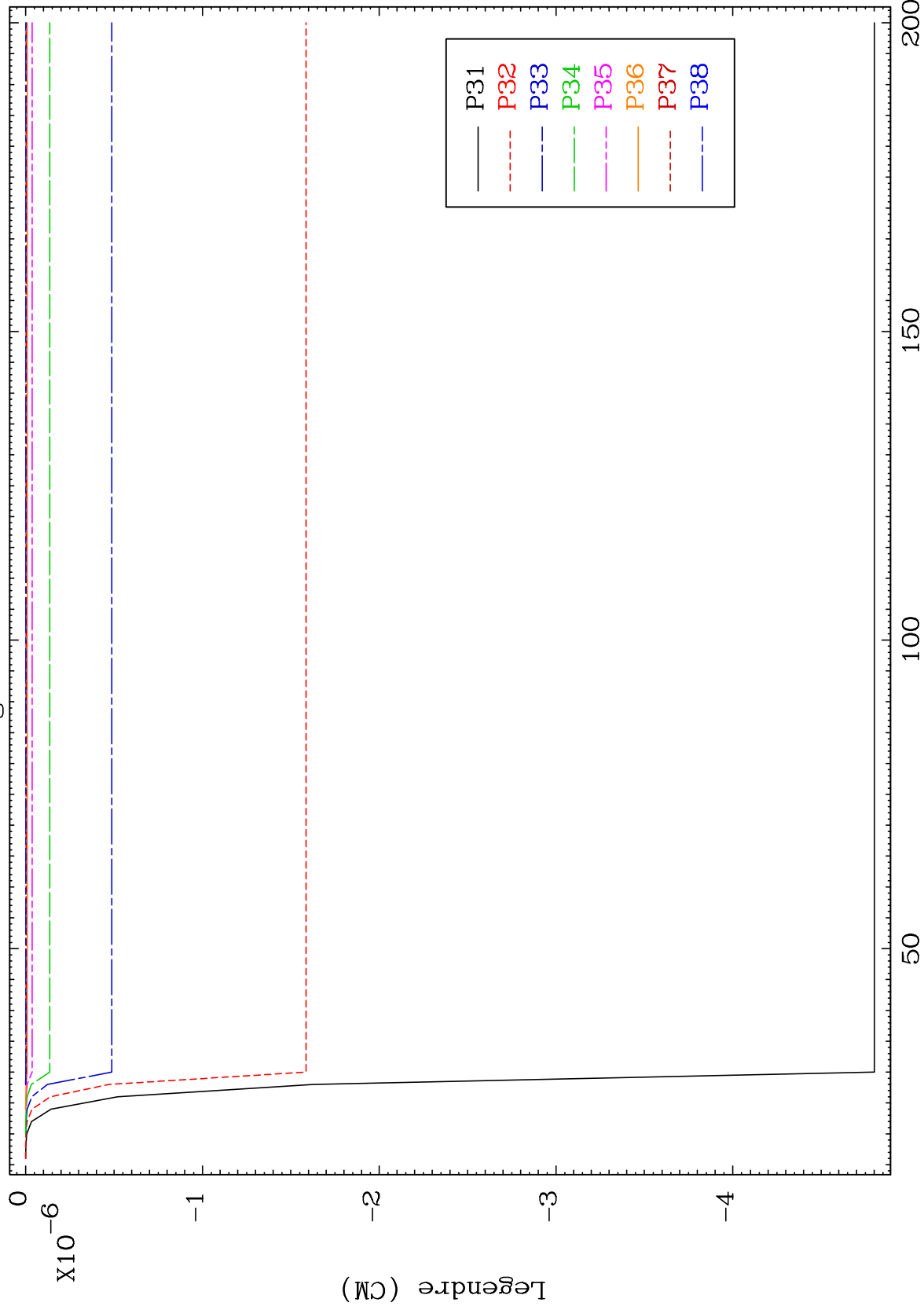
81-T1-204

MAT 8128

MT= 64 (n,n') Level

81-T1-204

Legendre Coefficients



68

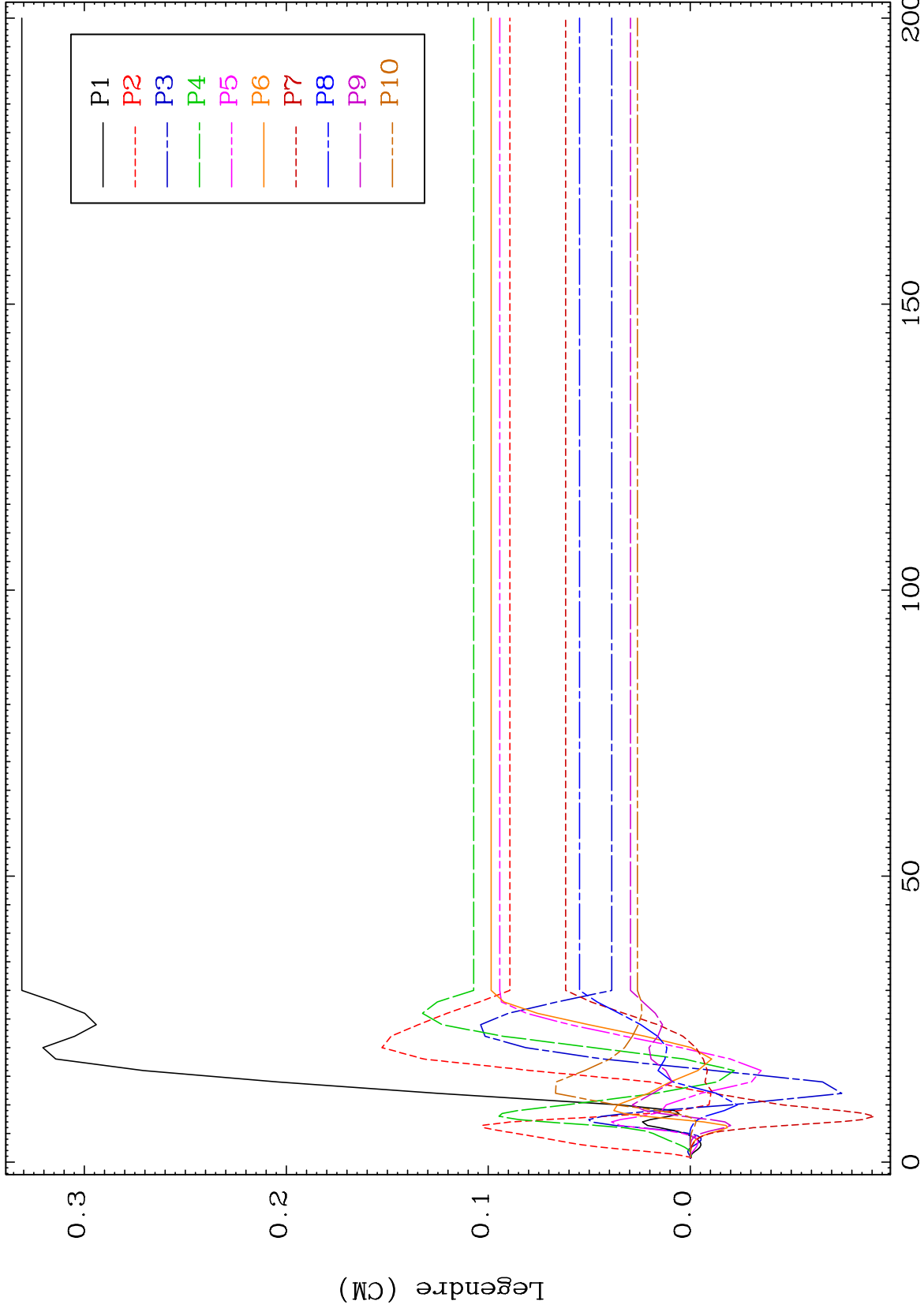
Incident Energy (MeV)

81-T1-204

MAT 8128

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

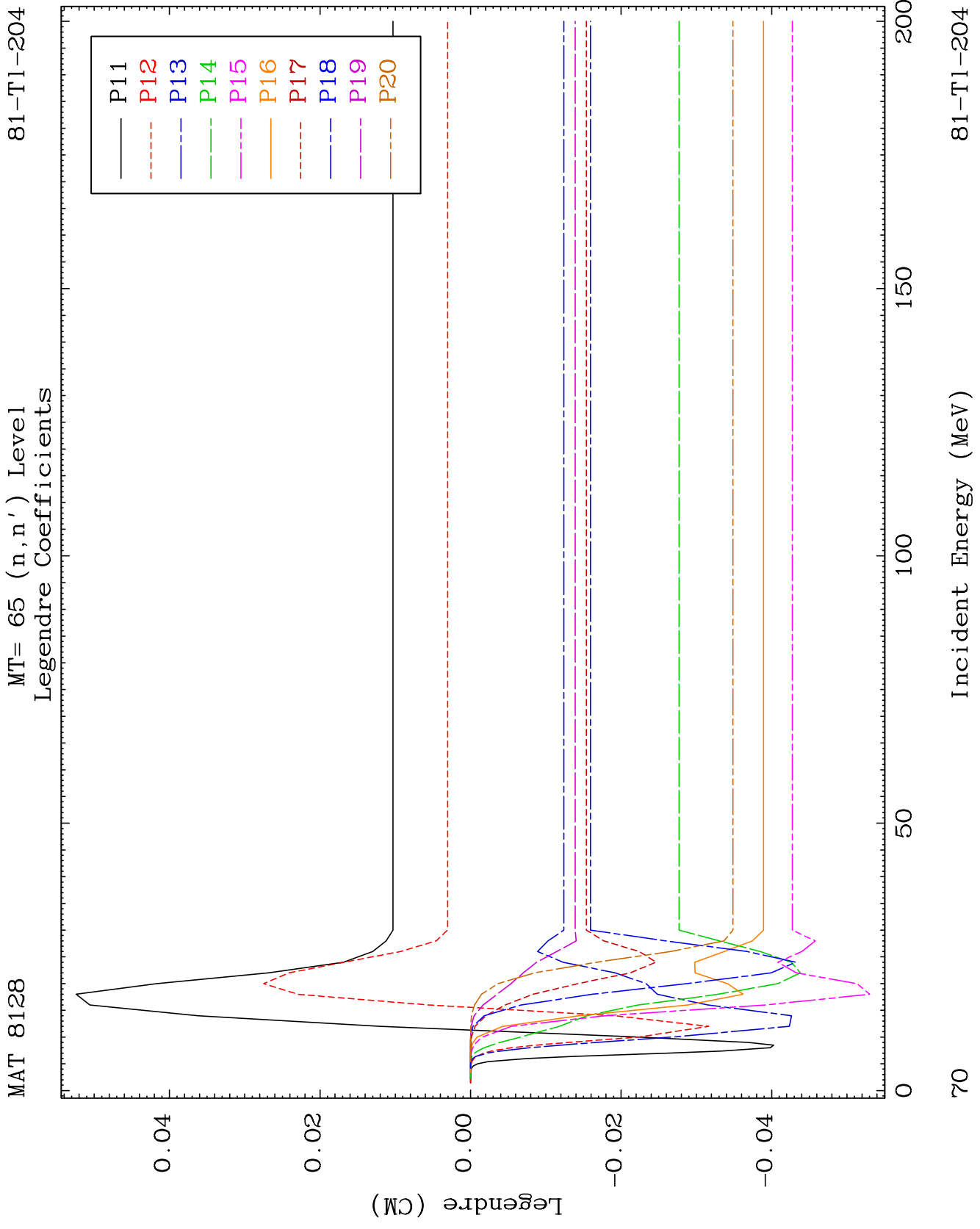
81-T1-204



69

Incident Energy (MeV)

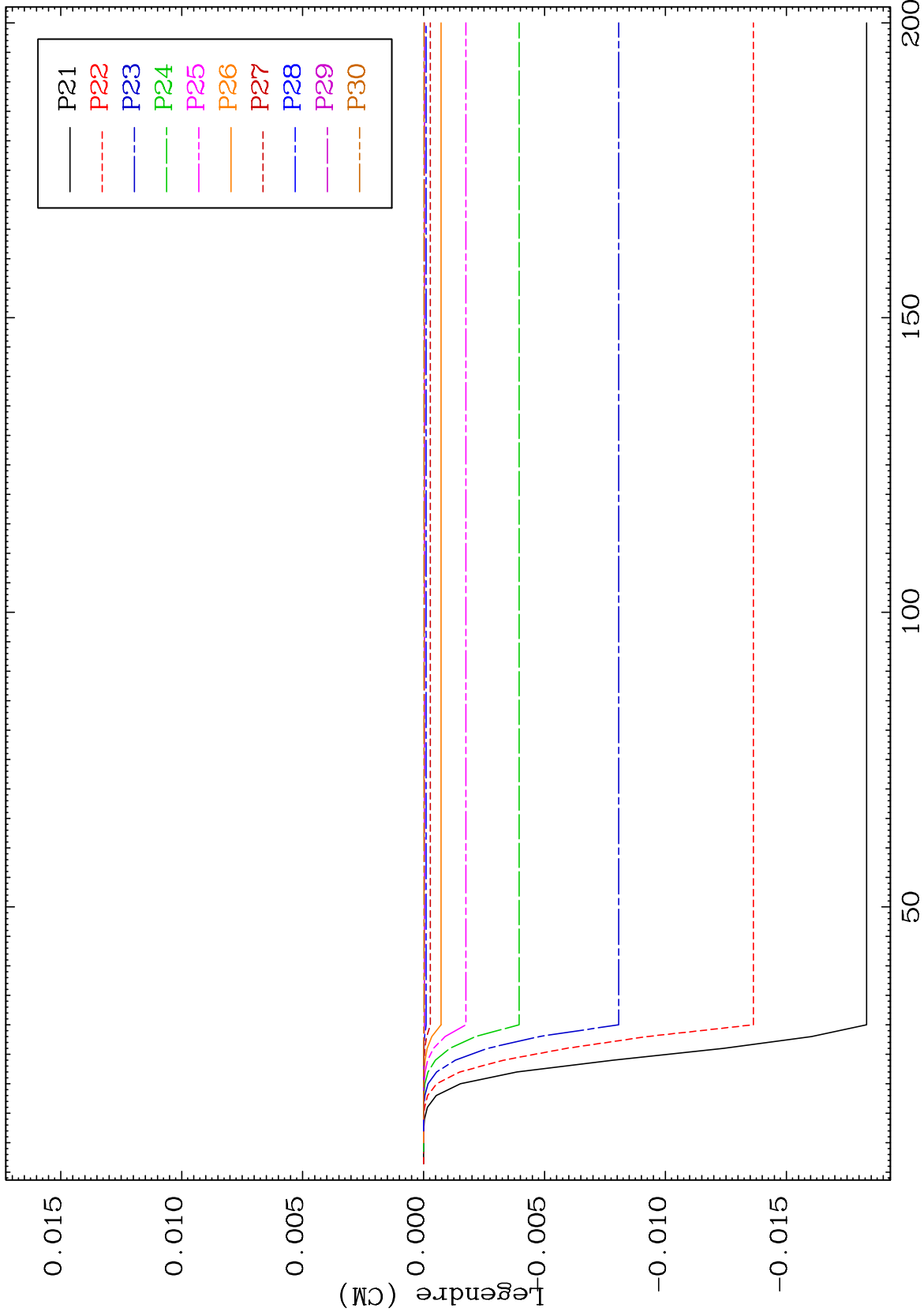
81-T1-204



MAT 8128

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

81-T1-204

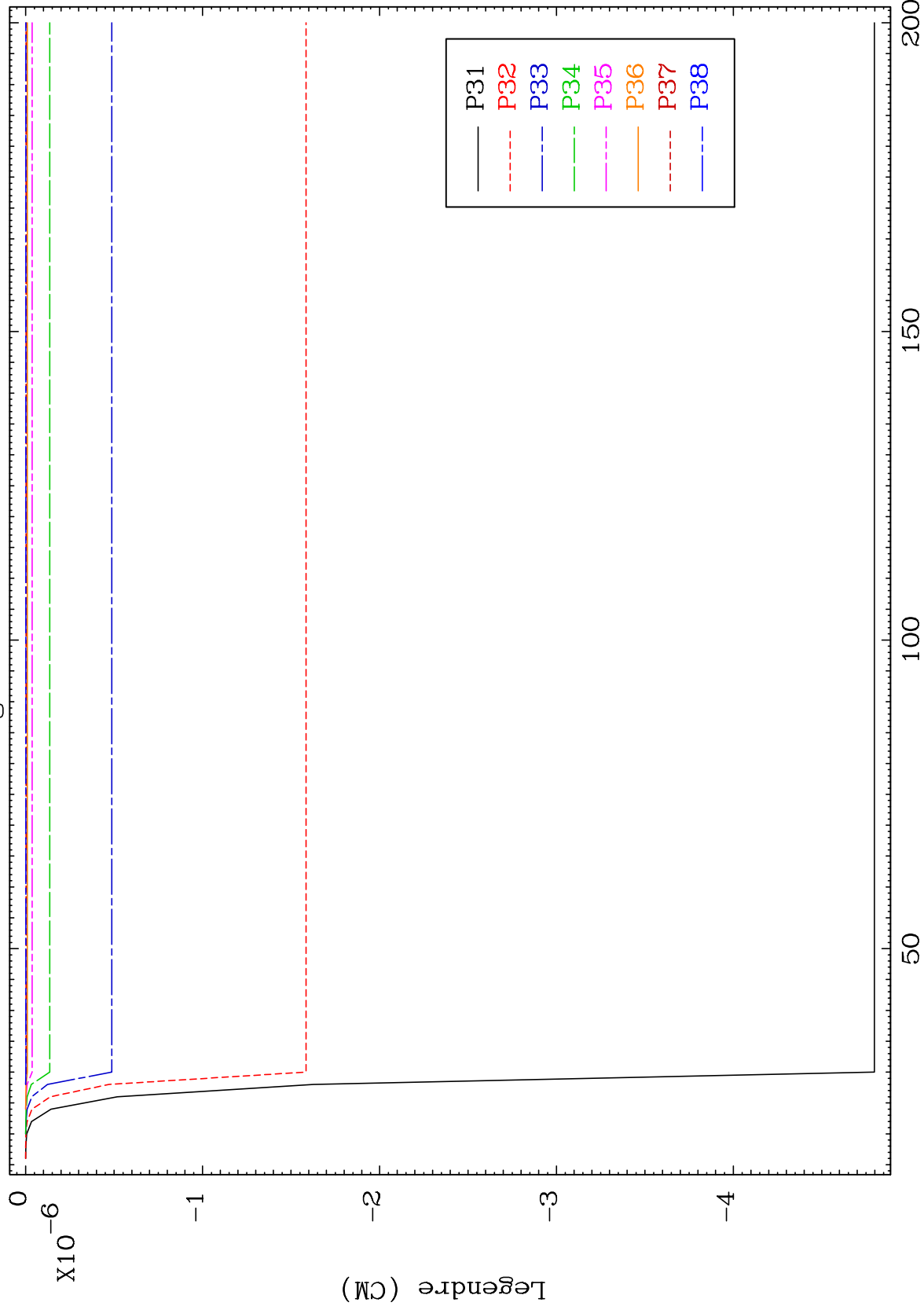


MAT 8128

MT= 65 (n,n') Level

81-T1-204

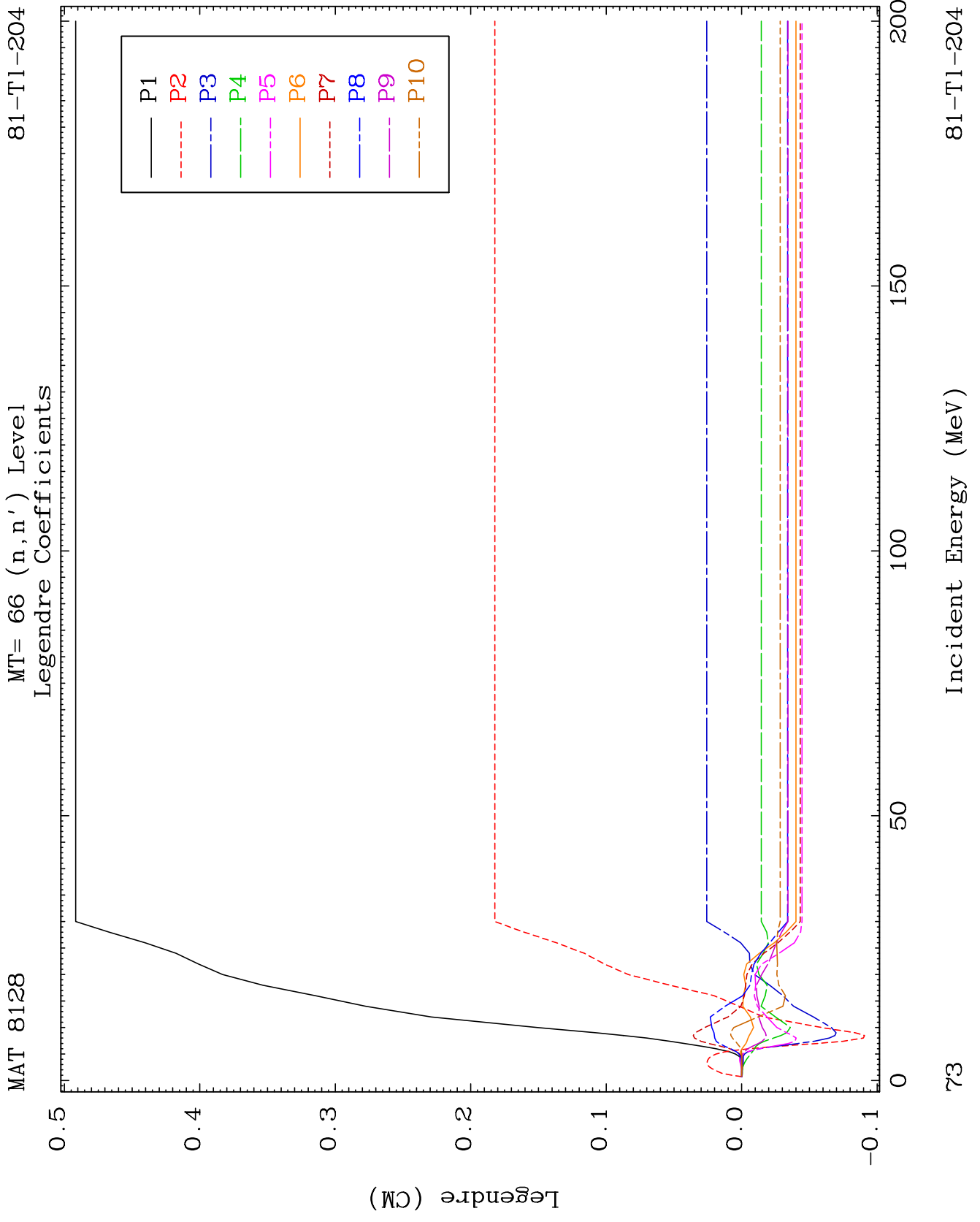
Legendre Coefficients



72

Incident Energy (MeV)

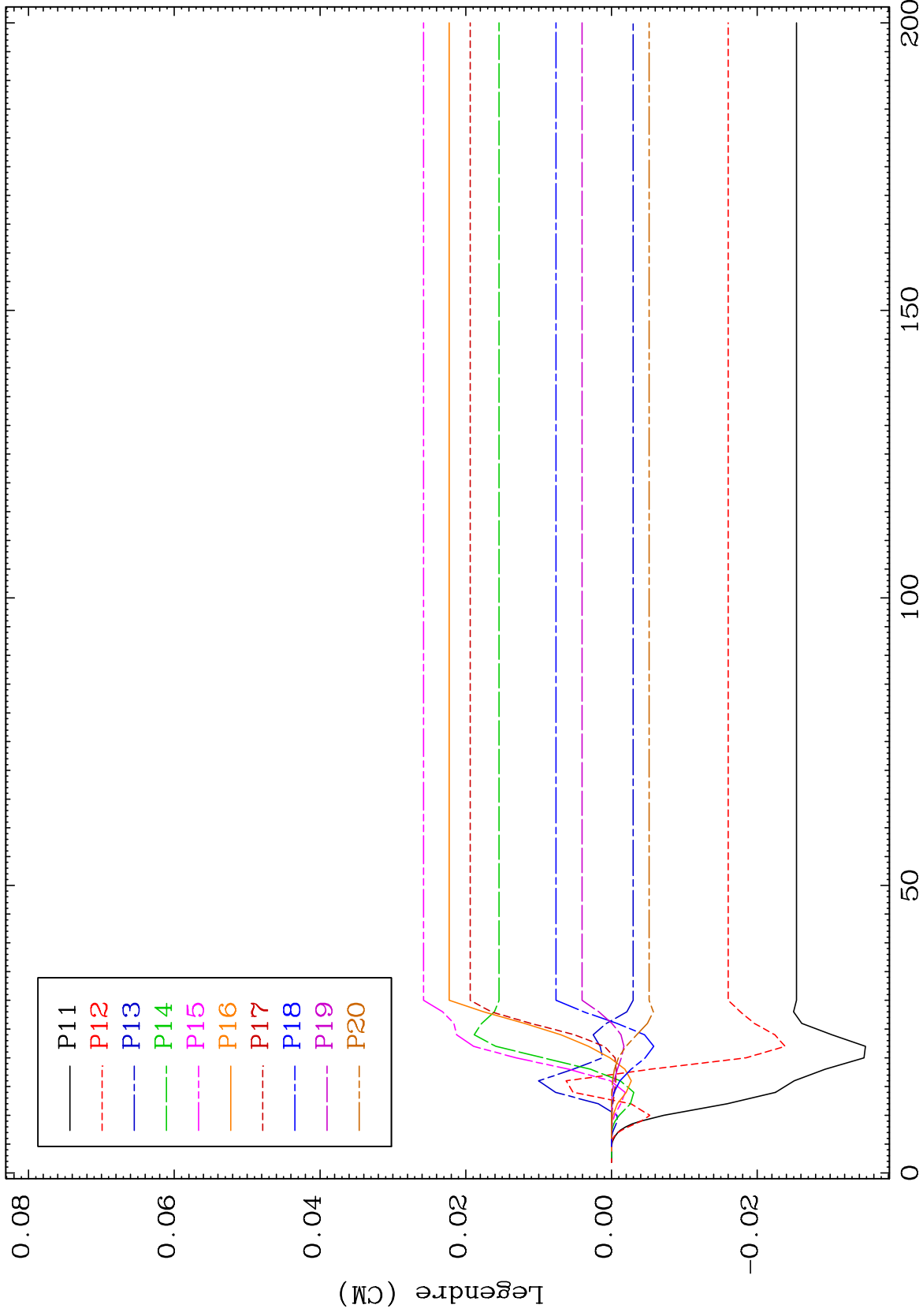
81-T1-204



MAT 8128

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

81-T1-204



74

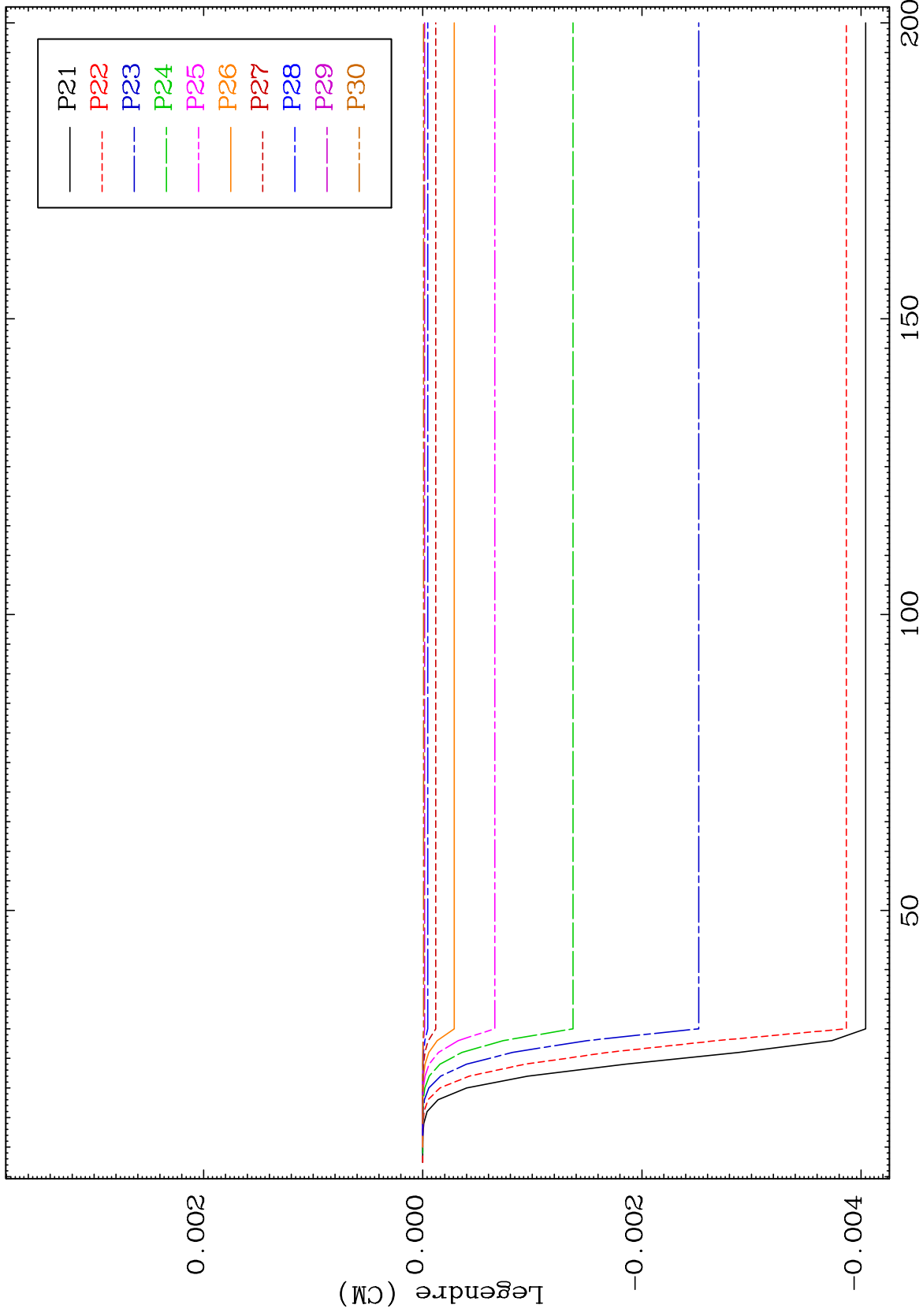
Incident Energy (MeV)

81-T1-204

MAT 8128

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

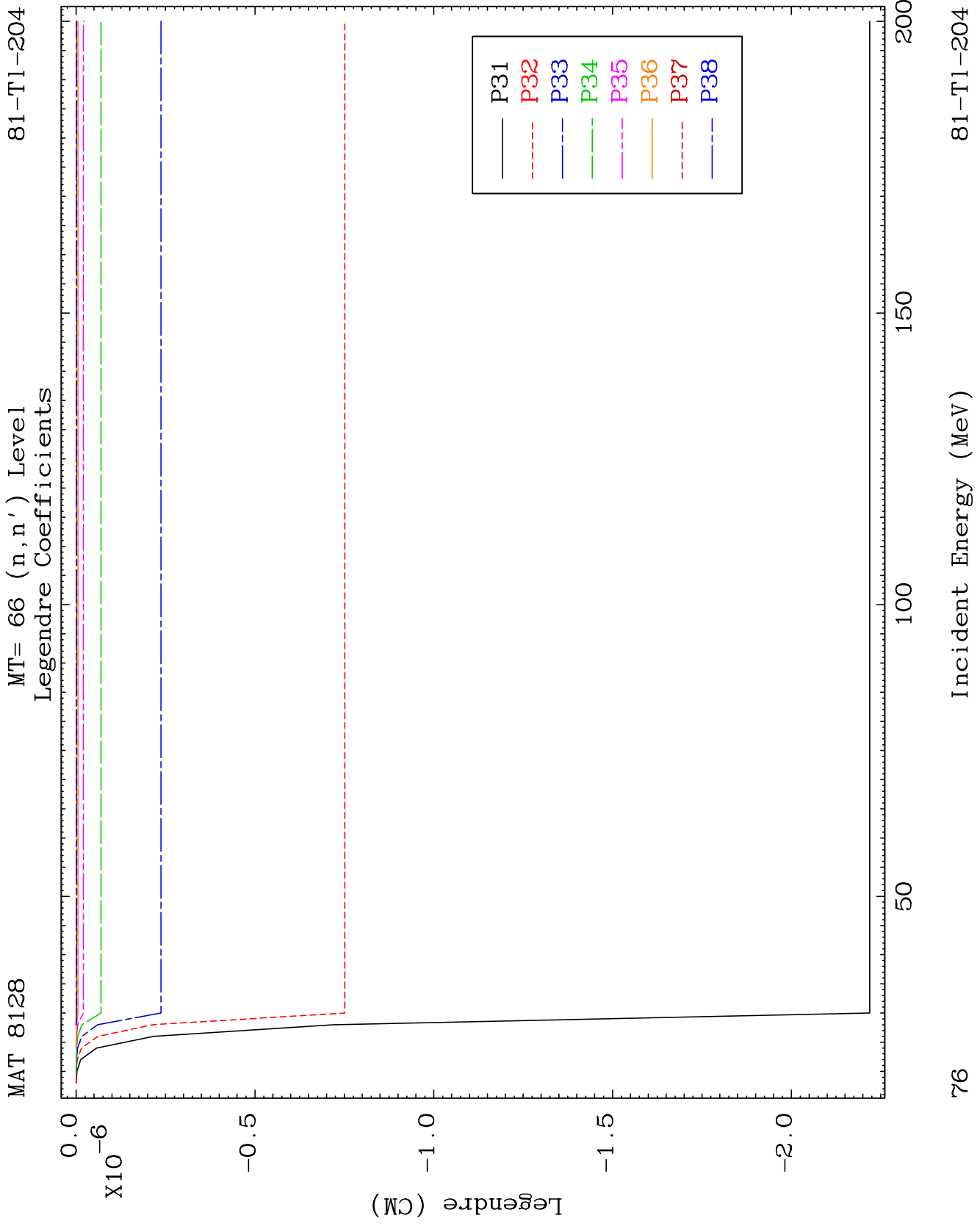
81-T1-204



75

Incident Energy (MeV)

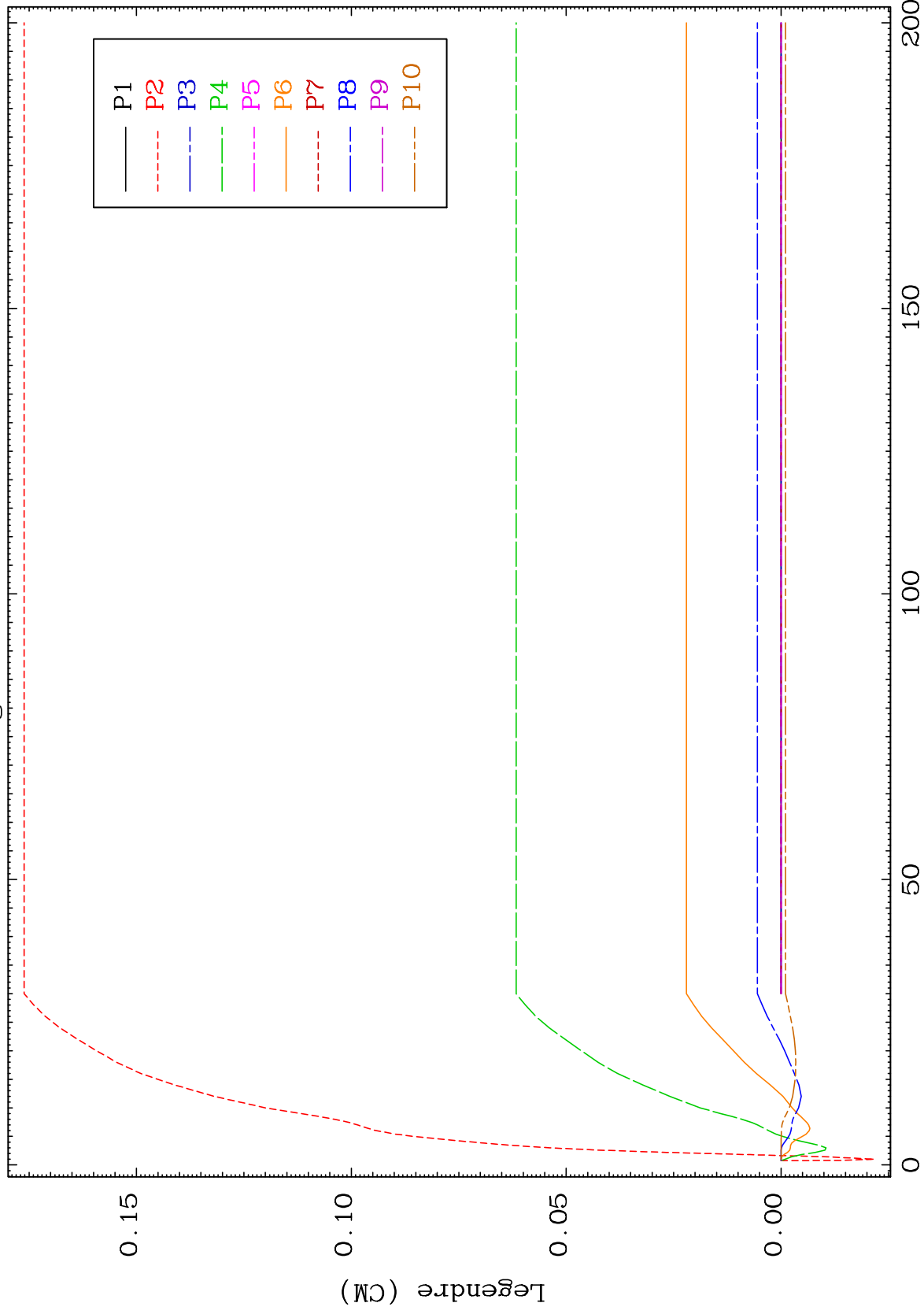
81-T1-204



MAT 8128

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

81-T1-204



77

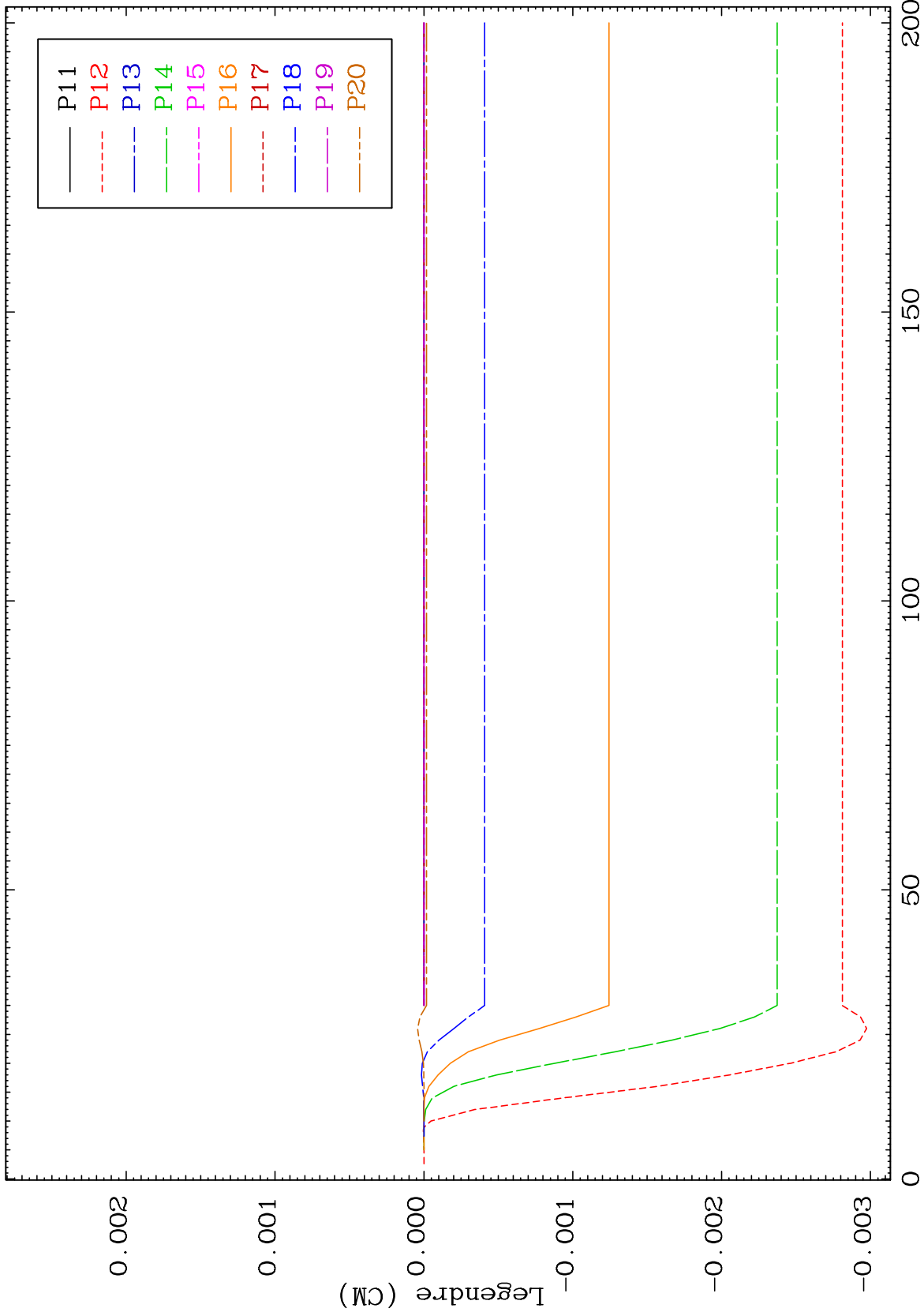
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



78

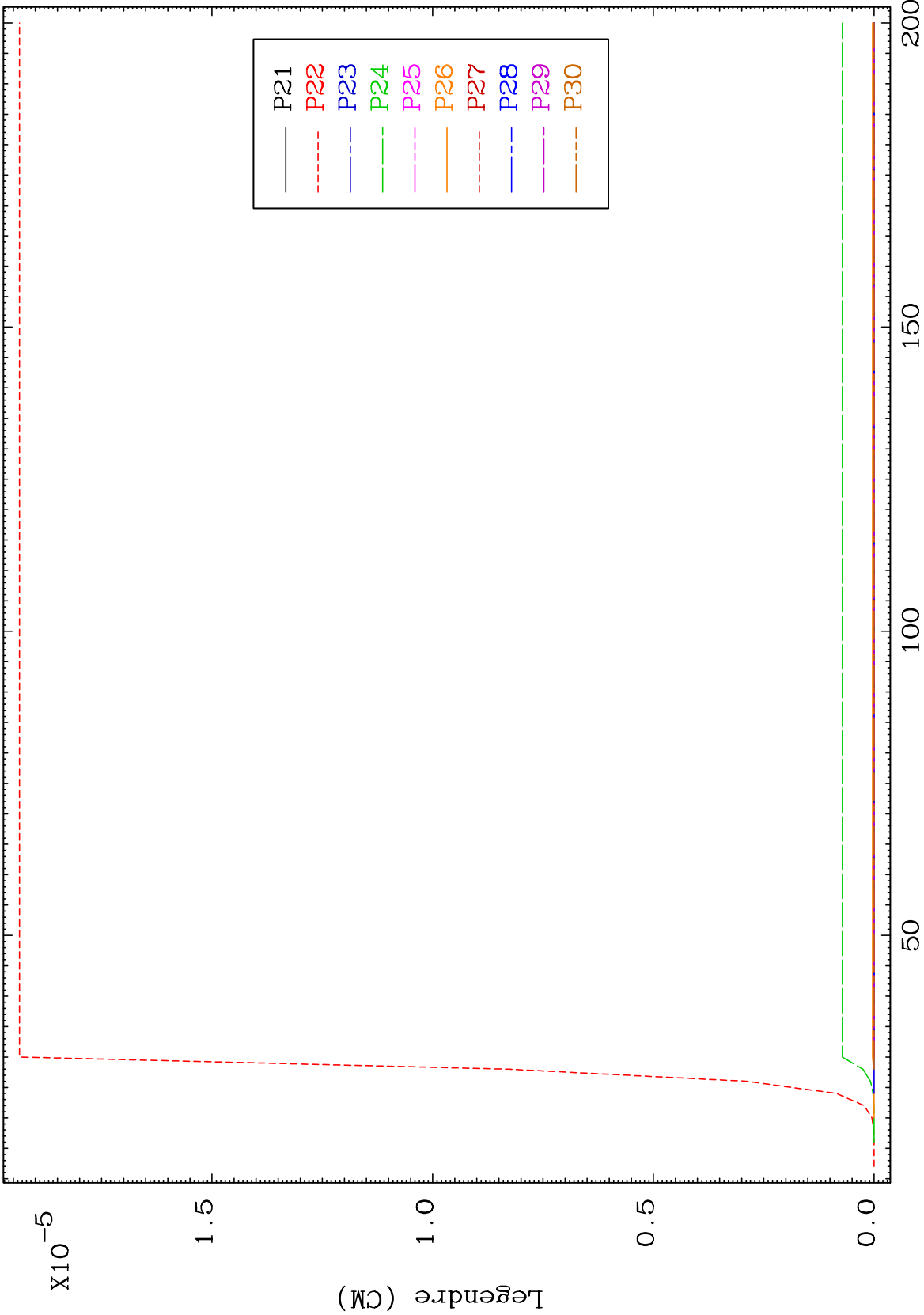
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



79

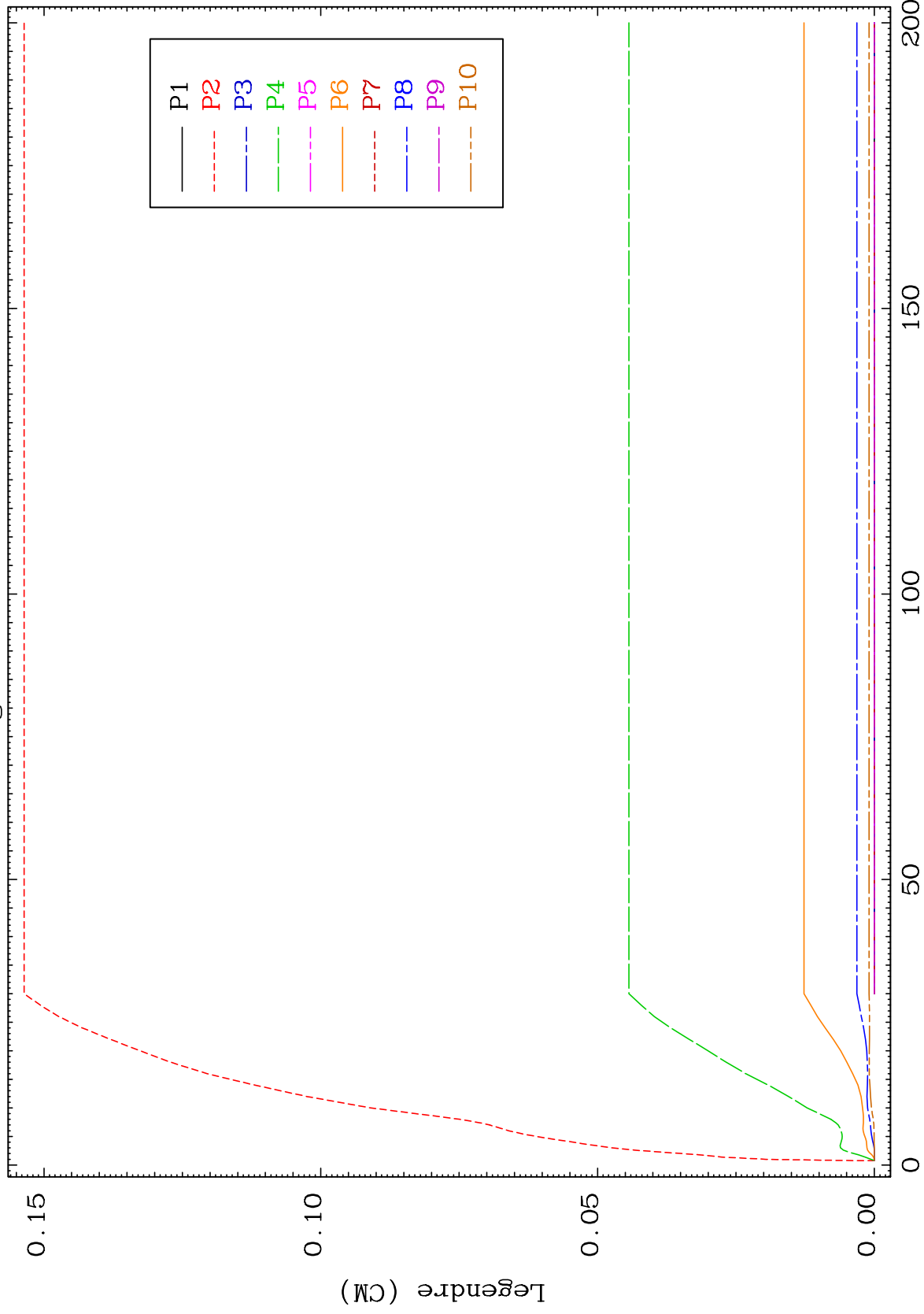
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

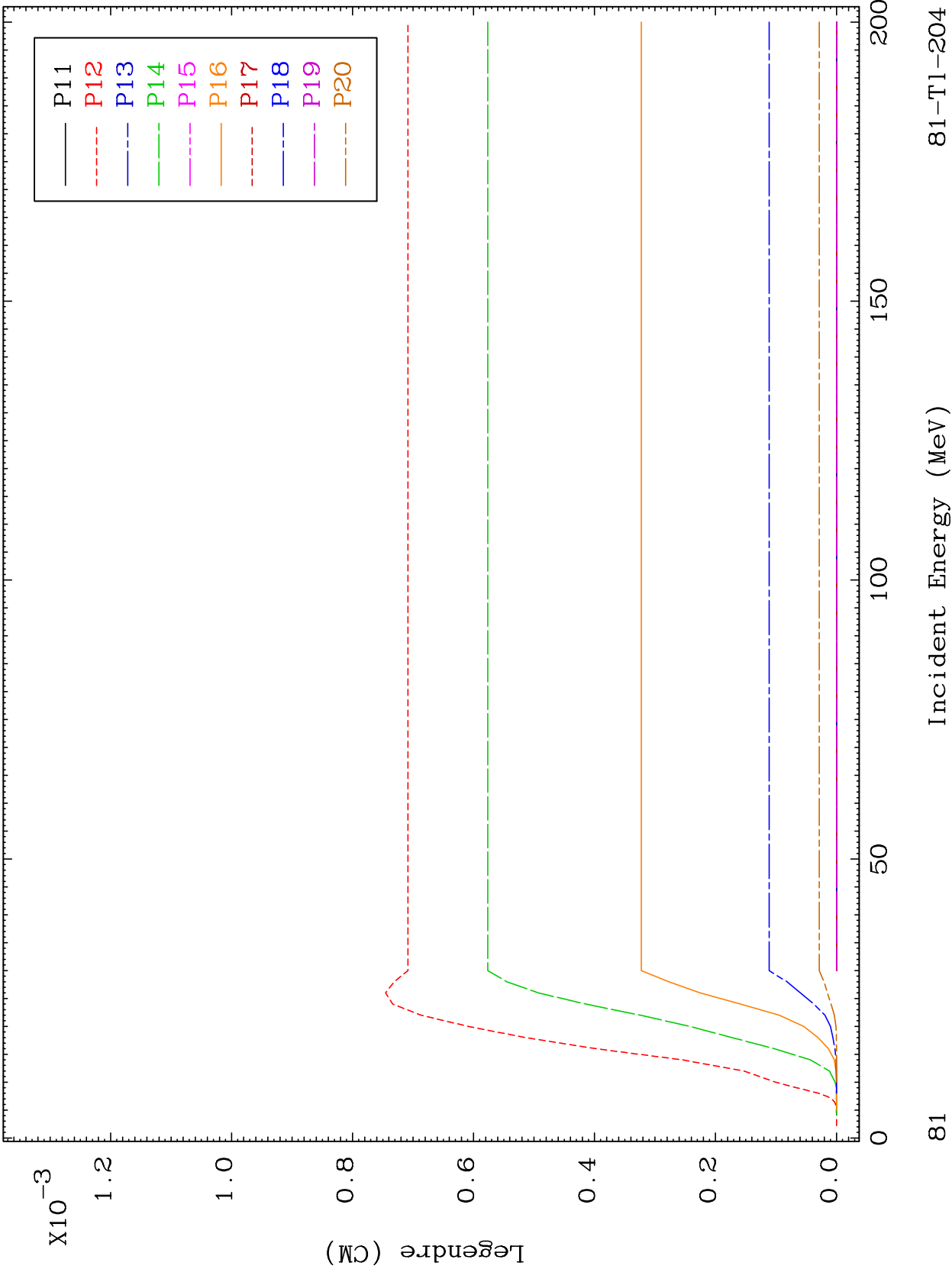
Incident Energy (MeV)

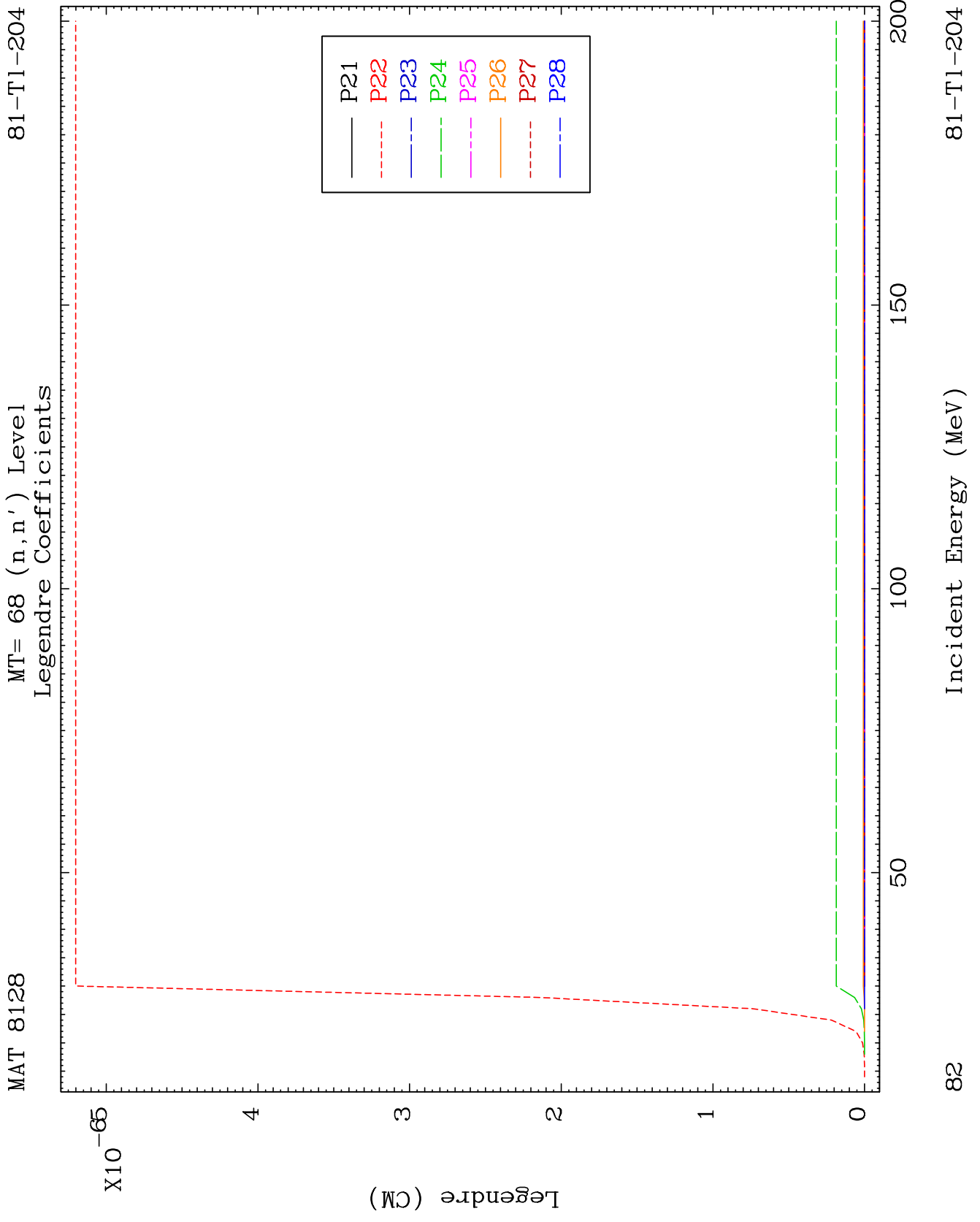
80

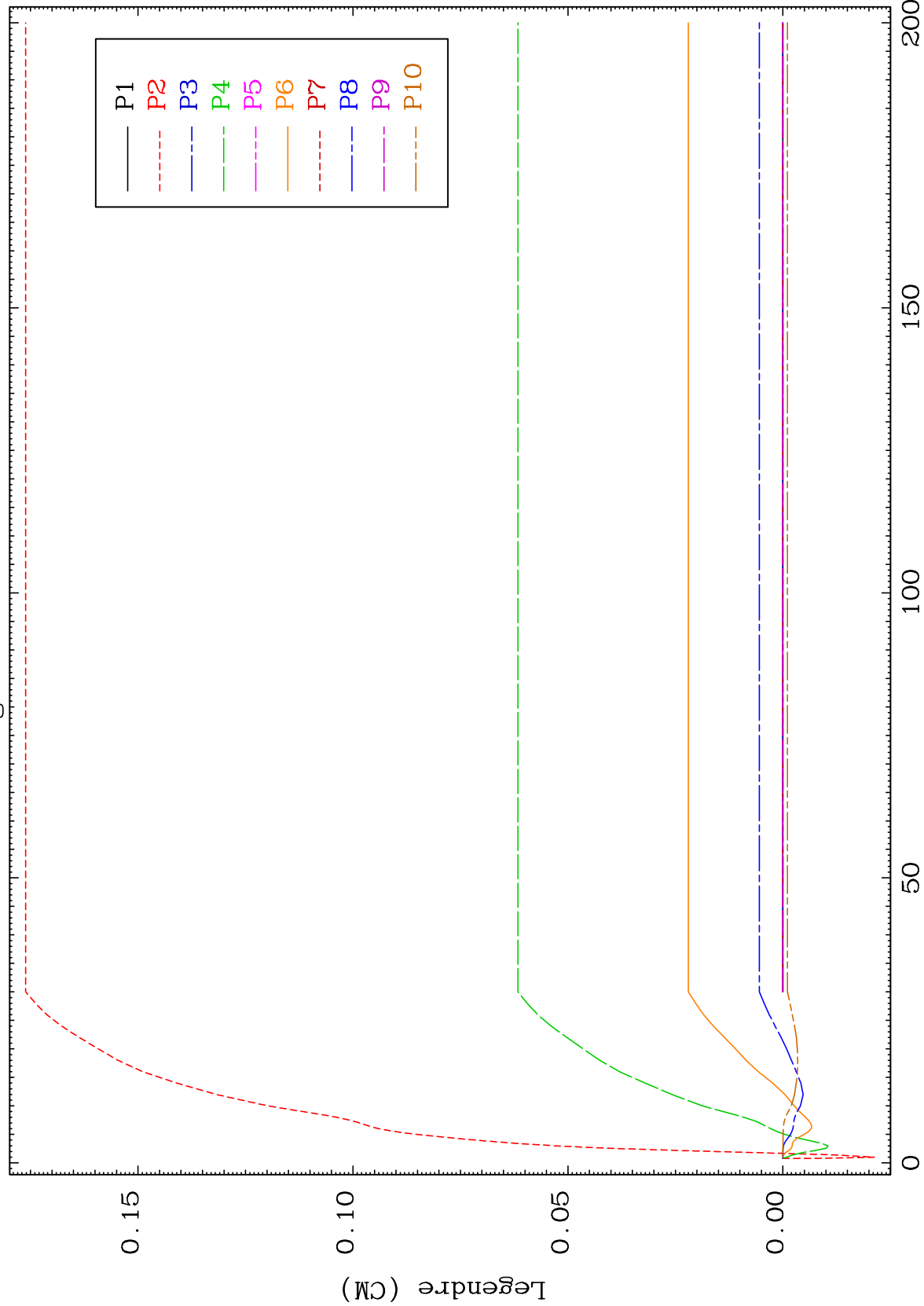
MAT 8128

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

81-T1-204



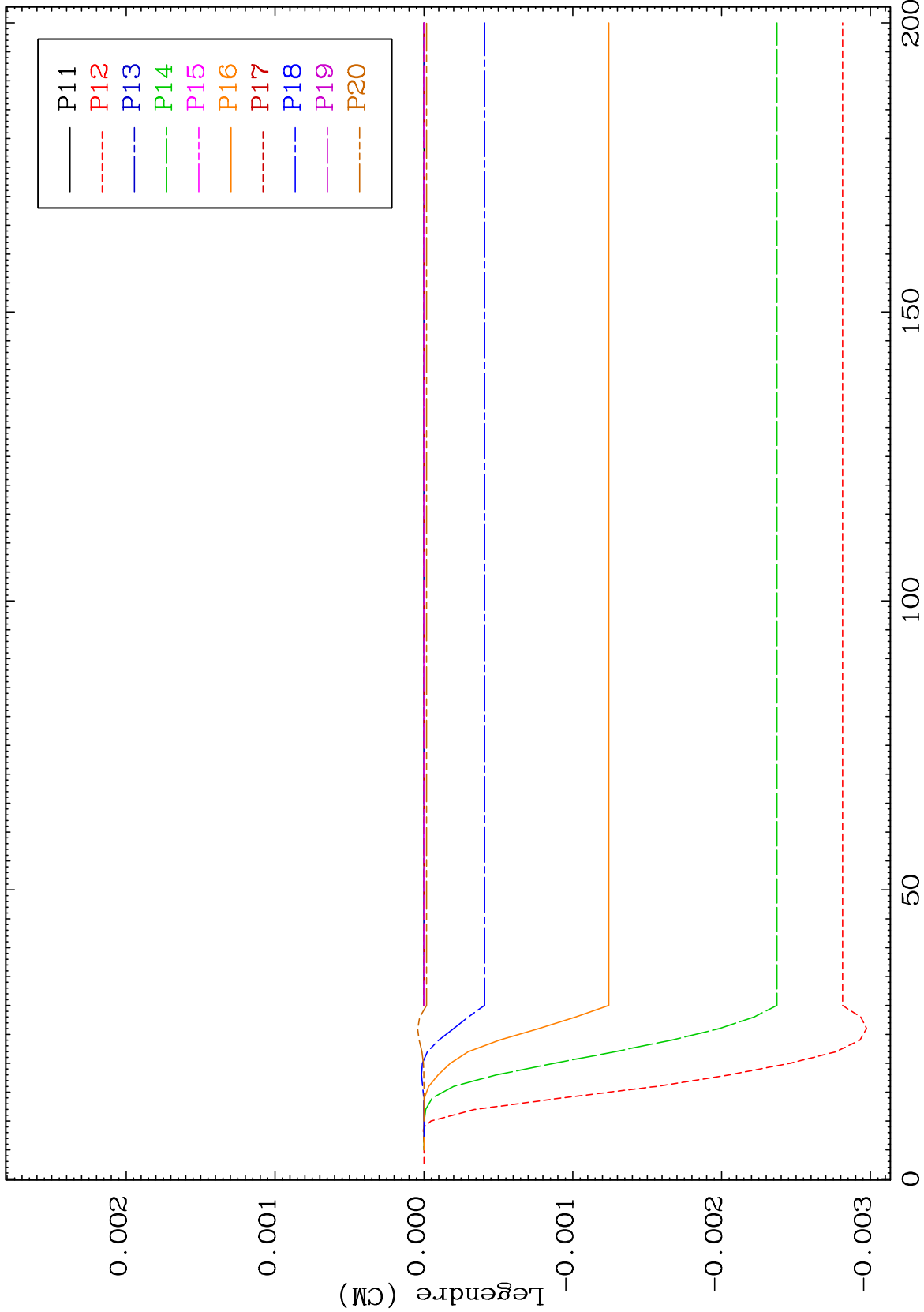




MAT 8128

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

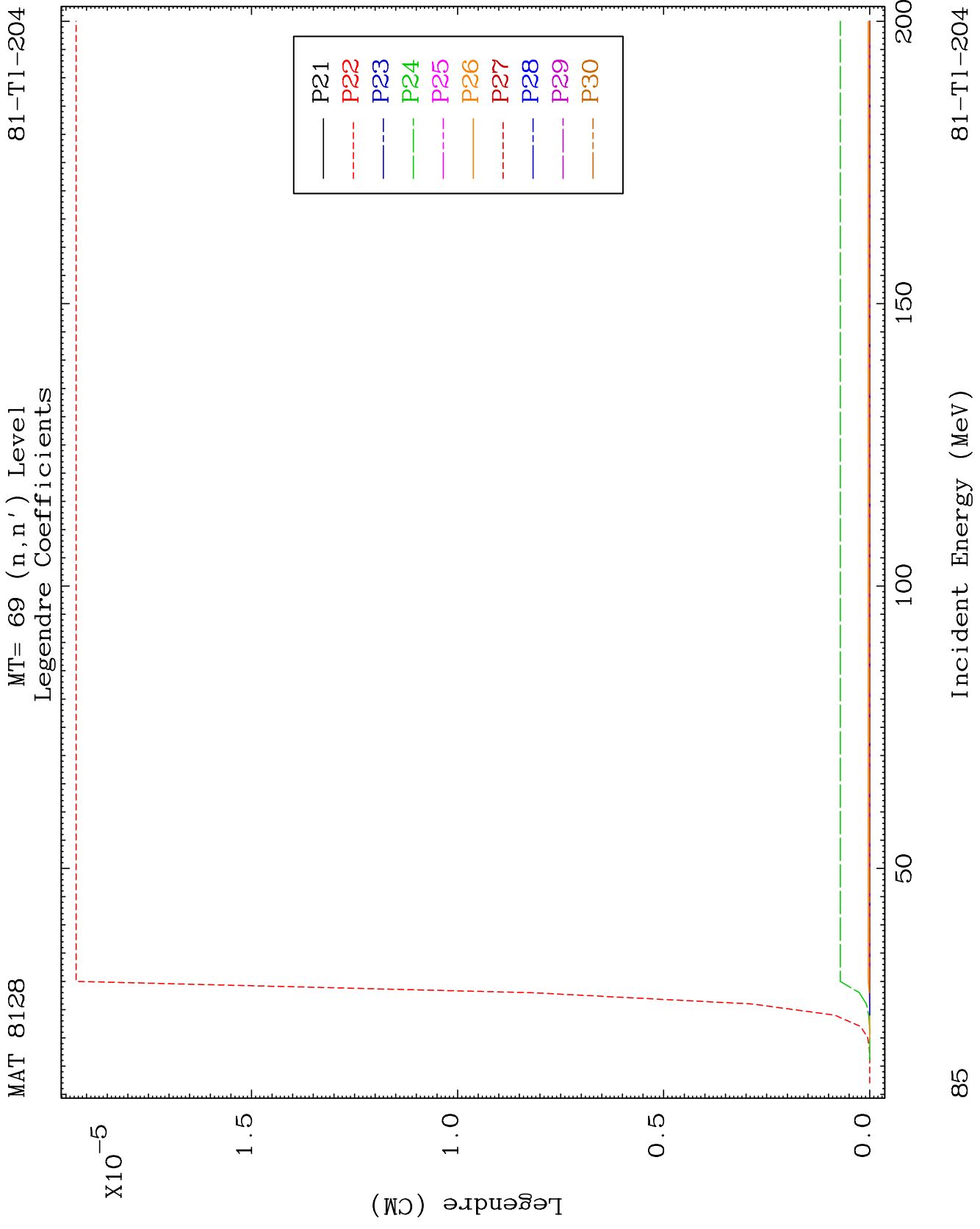
81-T1-204



84

Incident Energy (MeV)

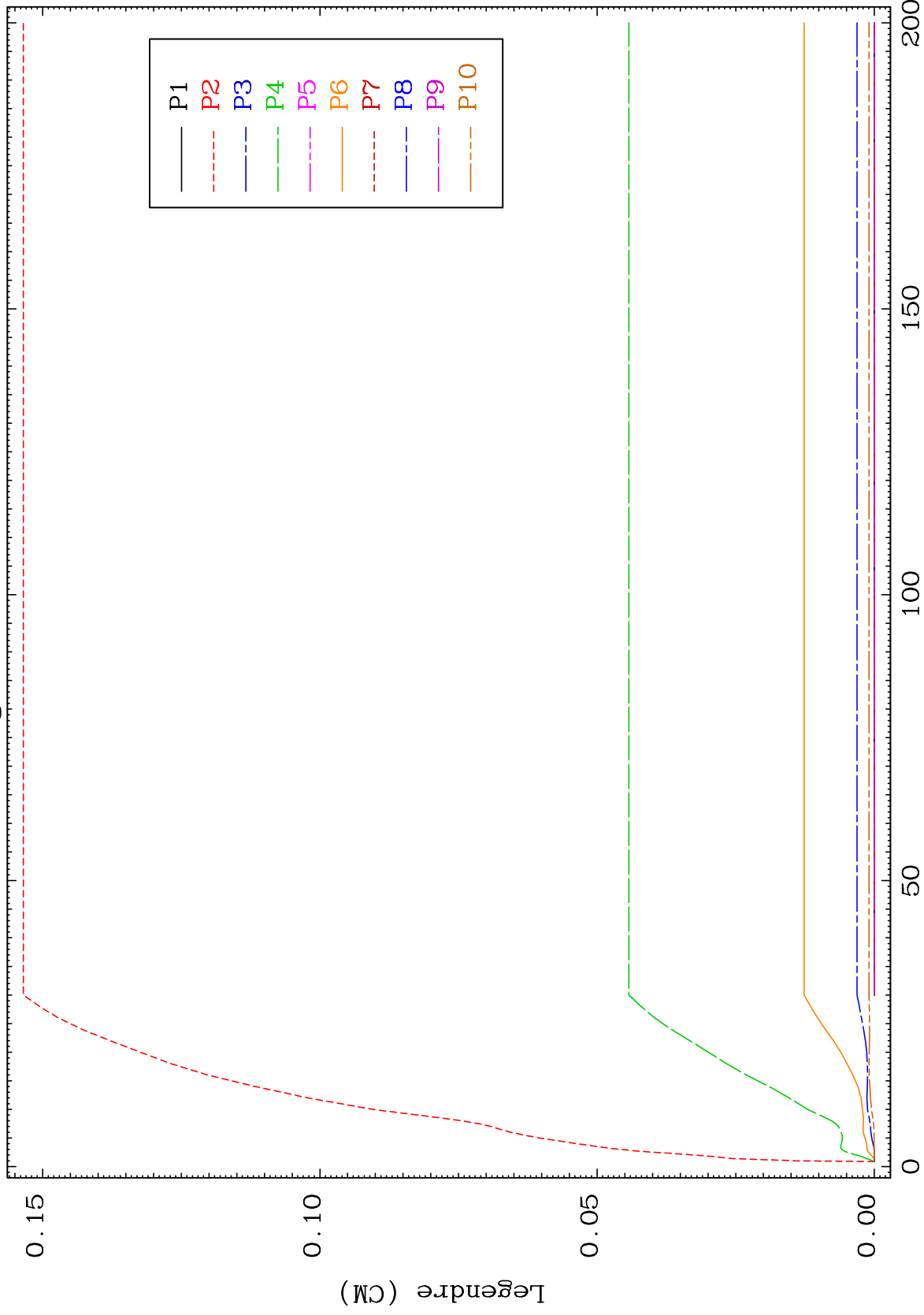
81-T1-204



MAT 8128

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

81-T1-204



86

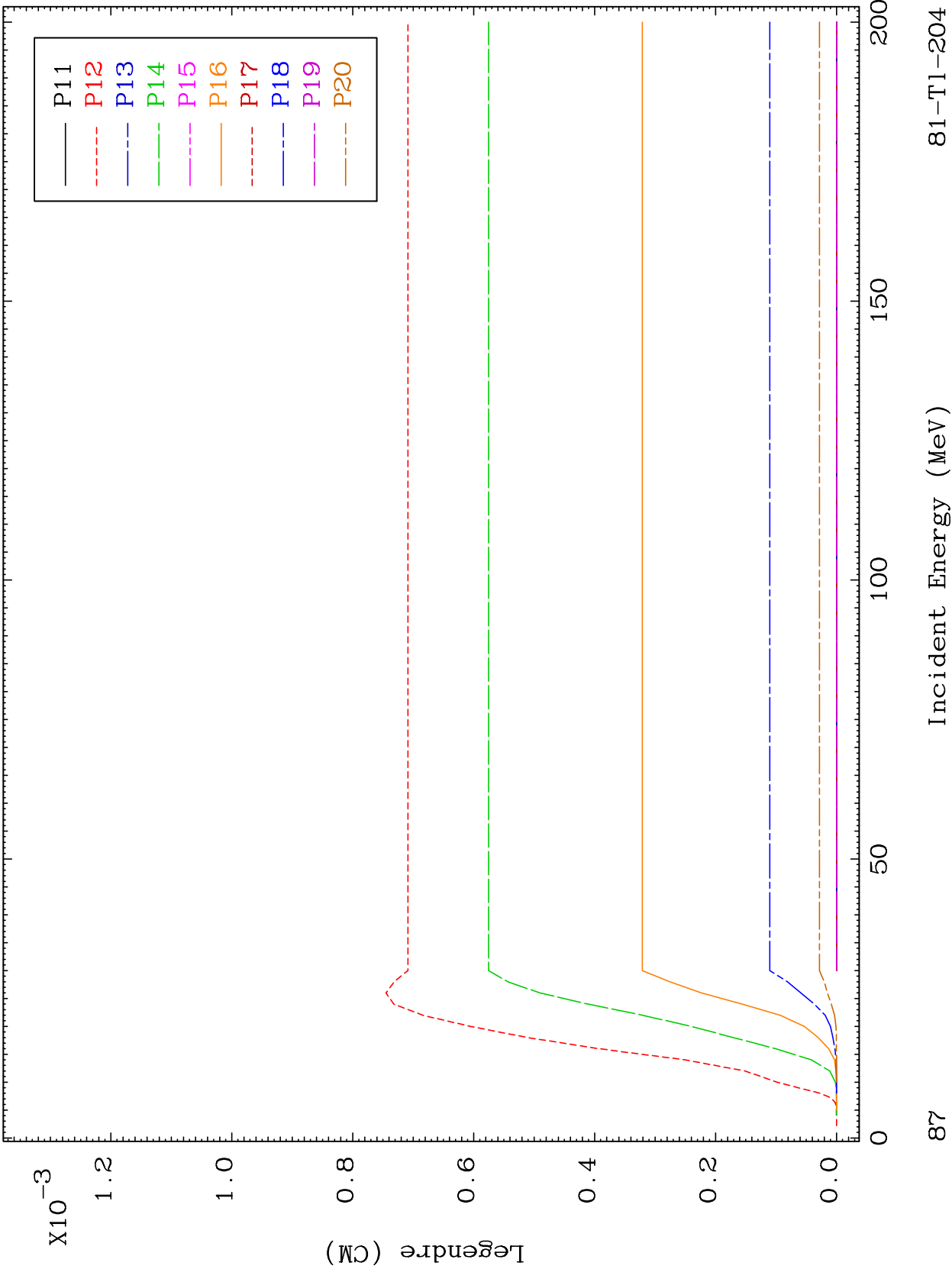
Incident Energy (MeV)

81-T1-204

MAT 8128

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

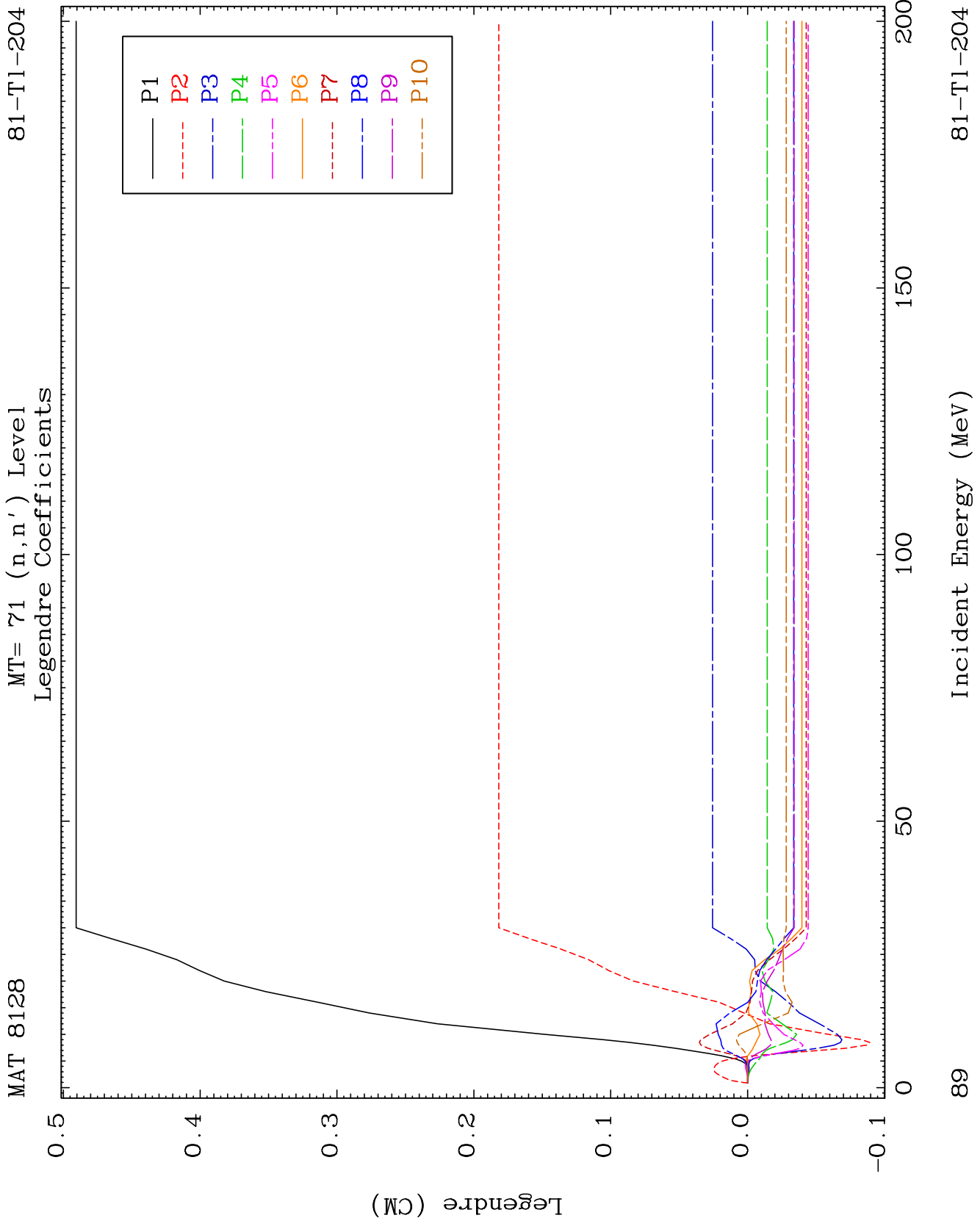
81-T1-204



87

Incident Energy (MeV)

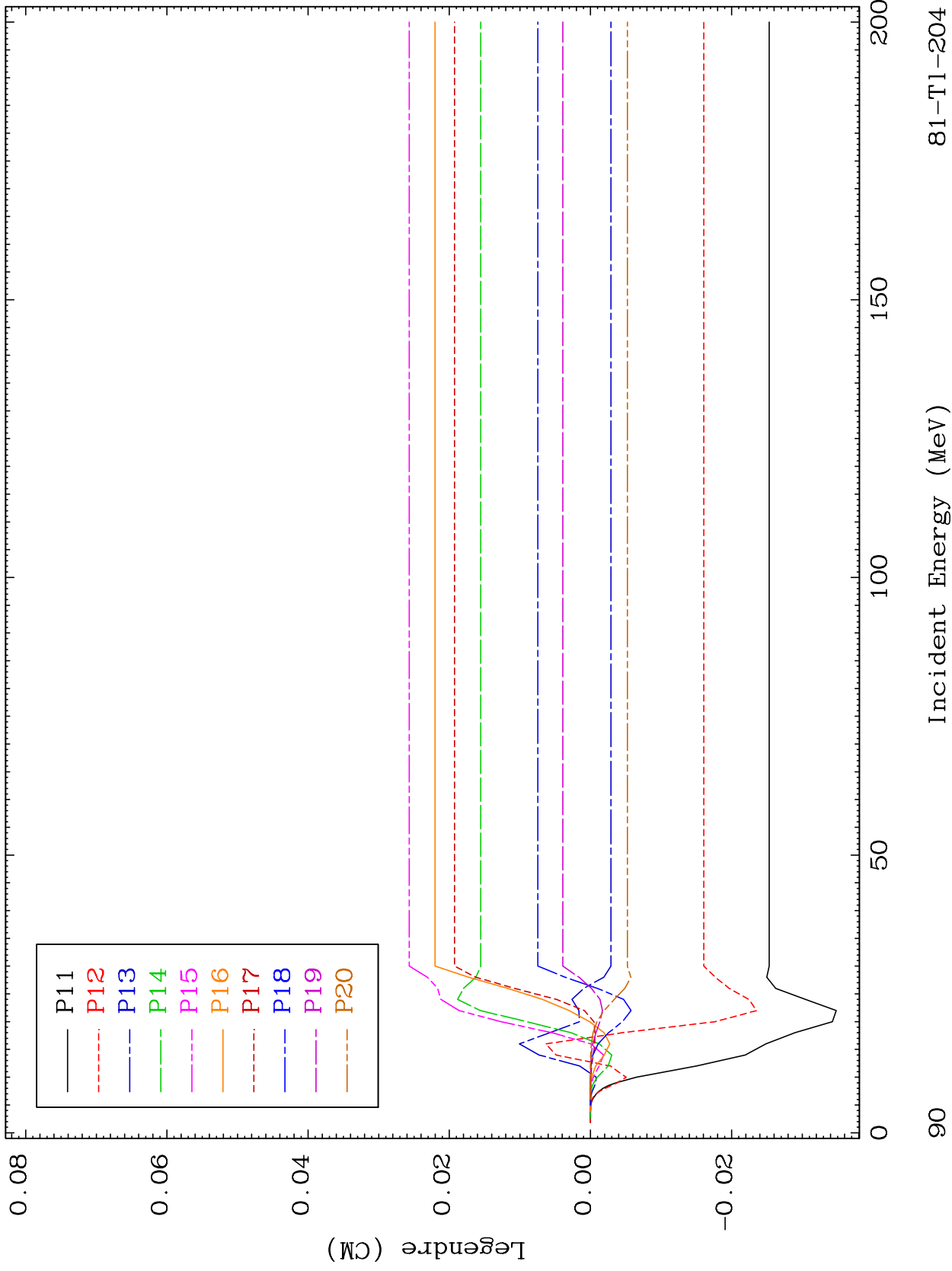
81-T1-204



MAT 8128

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

81-T1-204



81-T1-204

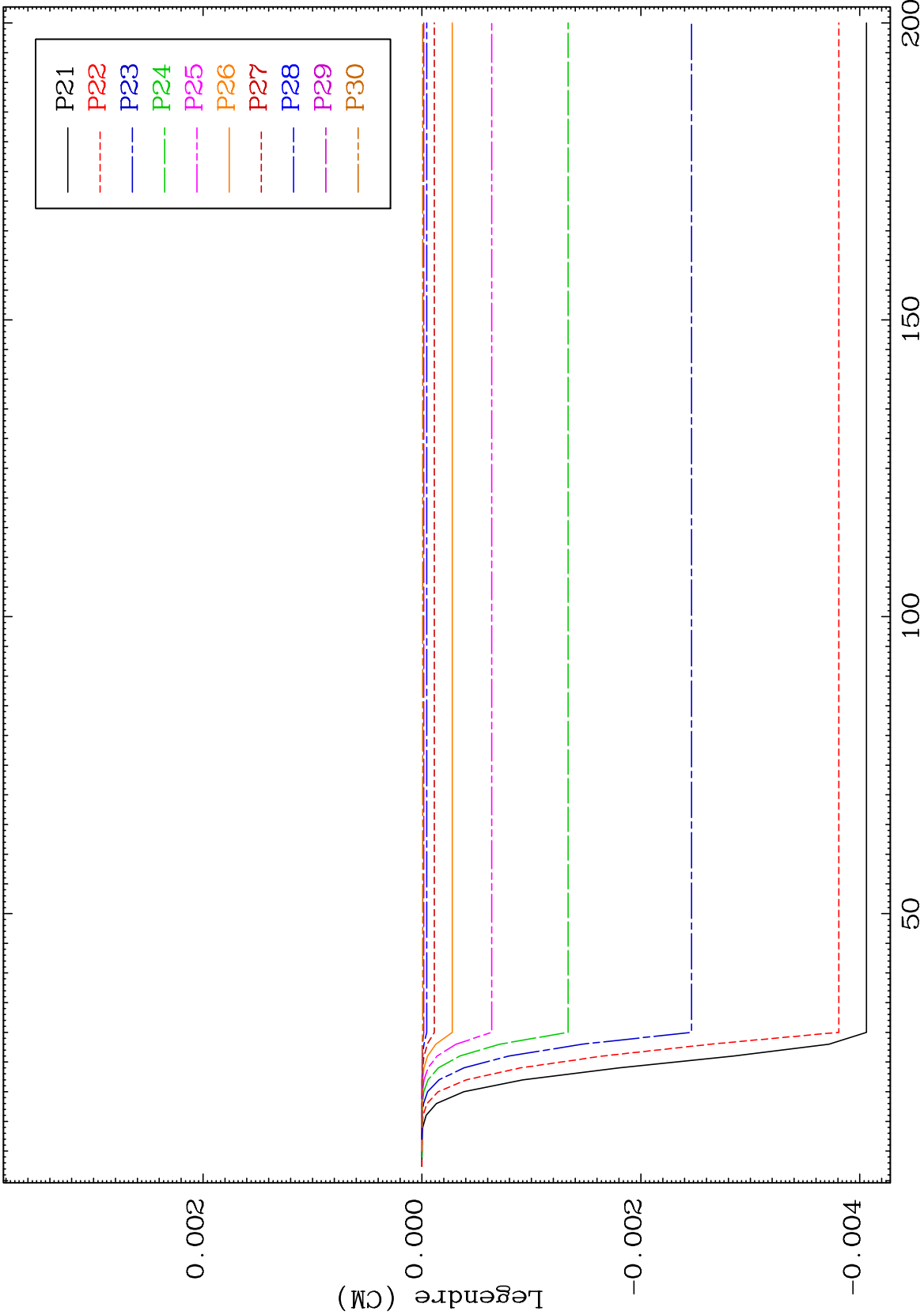
Incident Energy (MeV)

90

MAT 8128

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

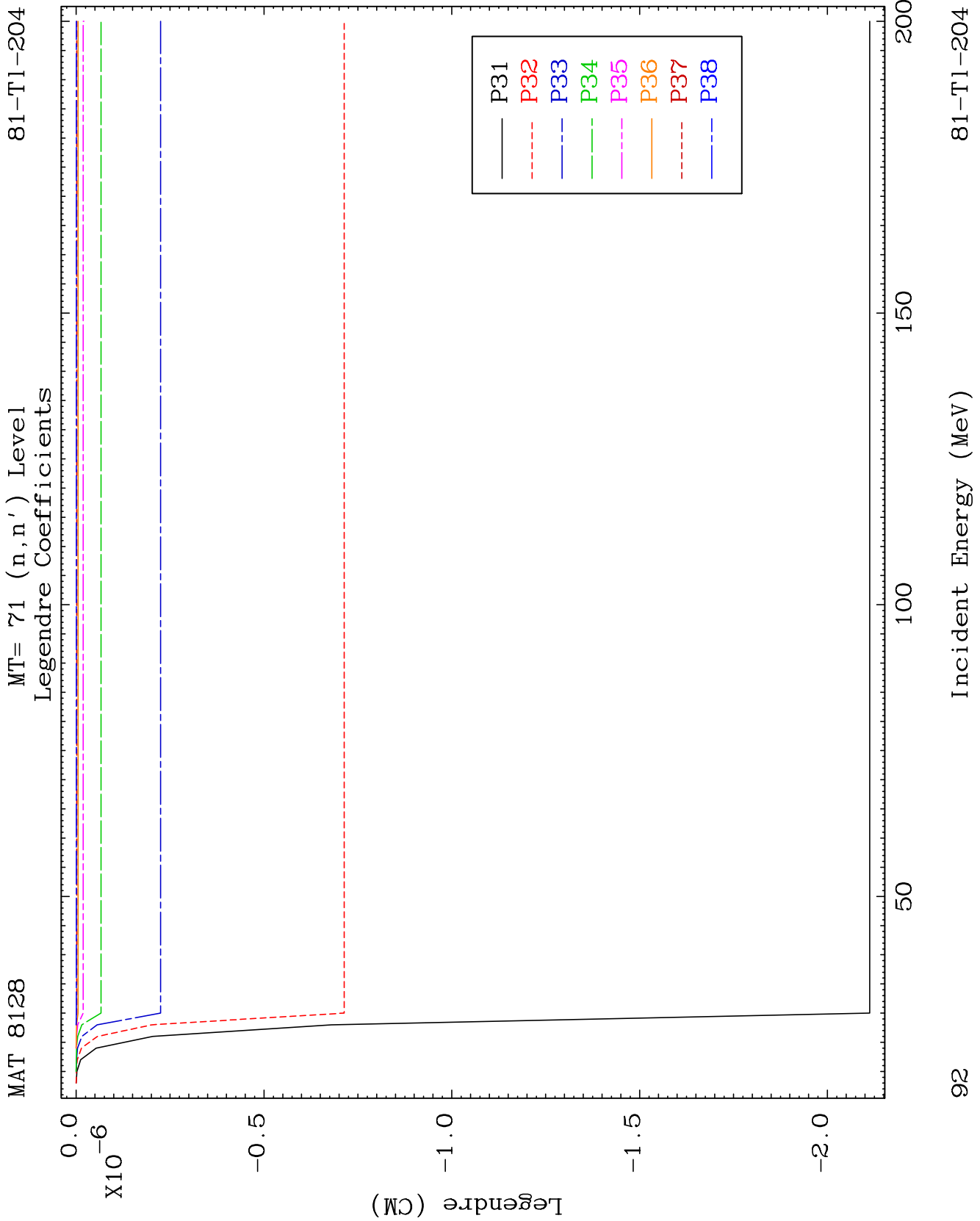
81-T1-204



91

Incident Energy (MeV)

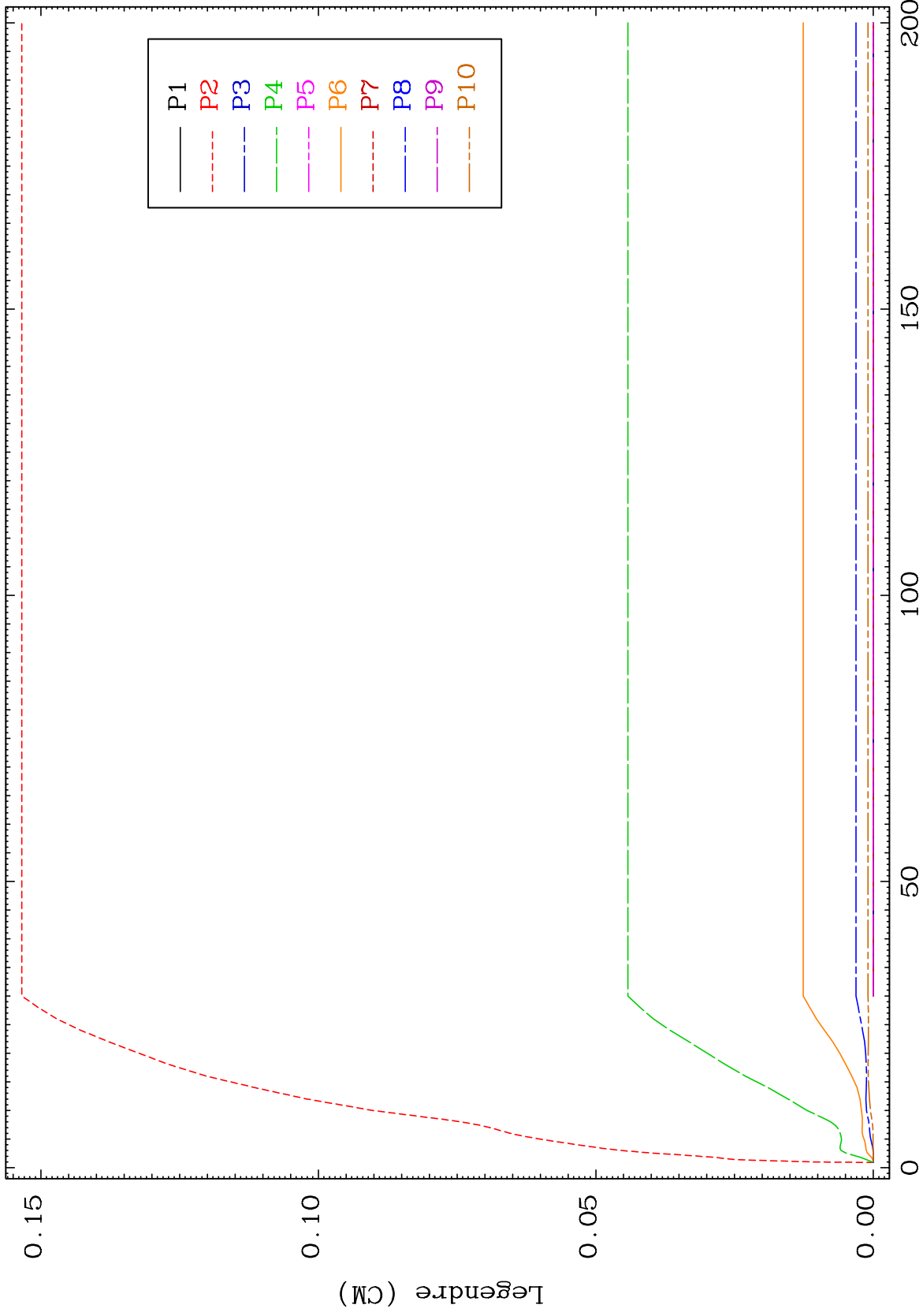
81-T1-204



MAT 8128

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

81-T1-204



93

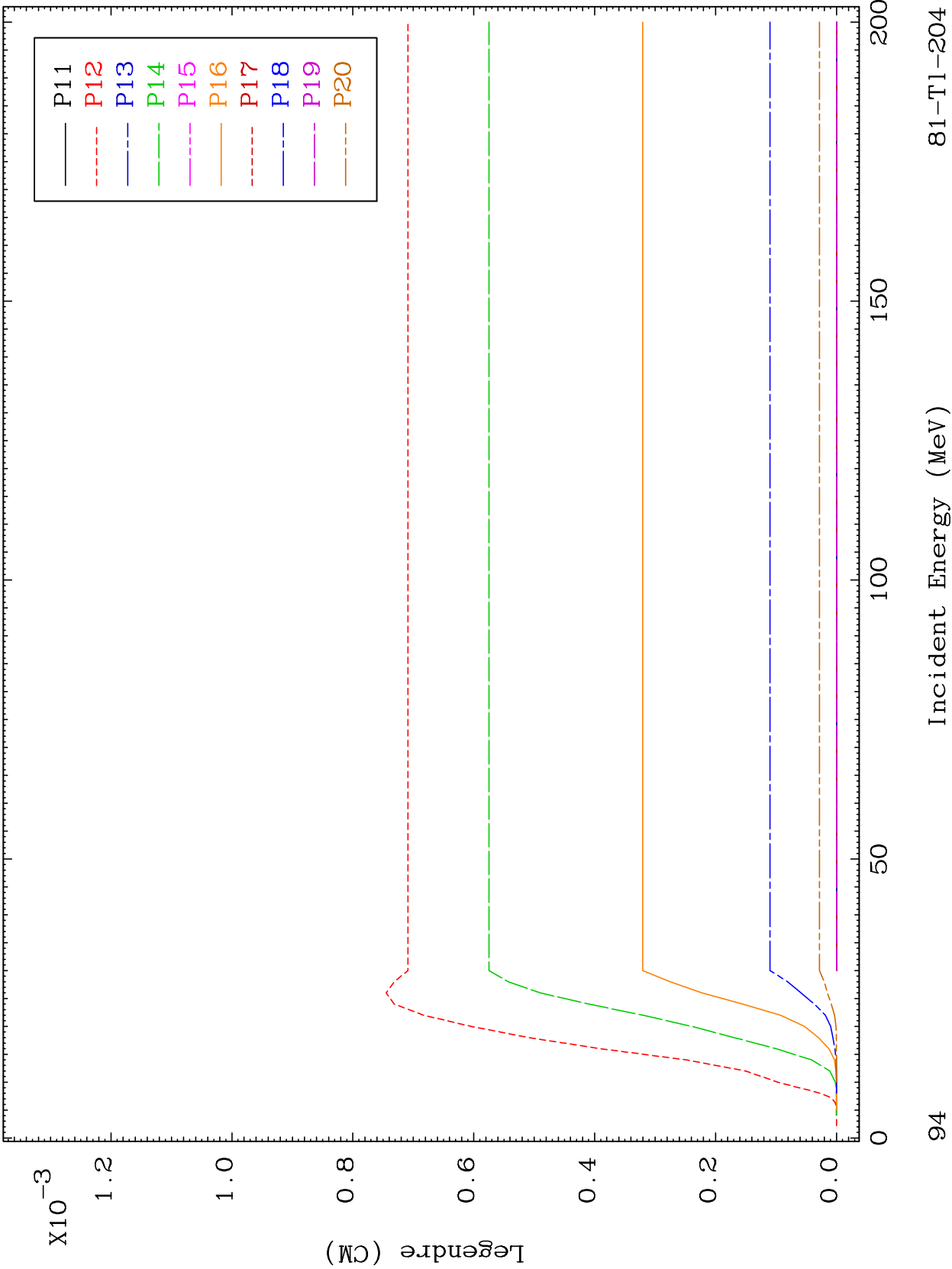
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

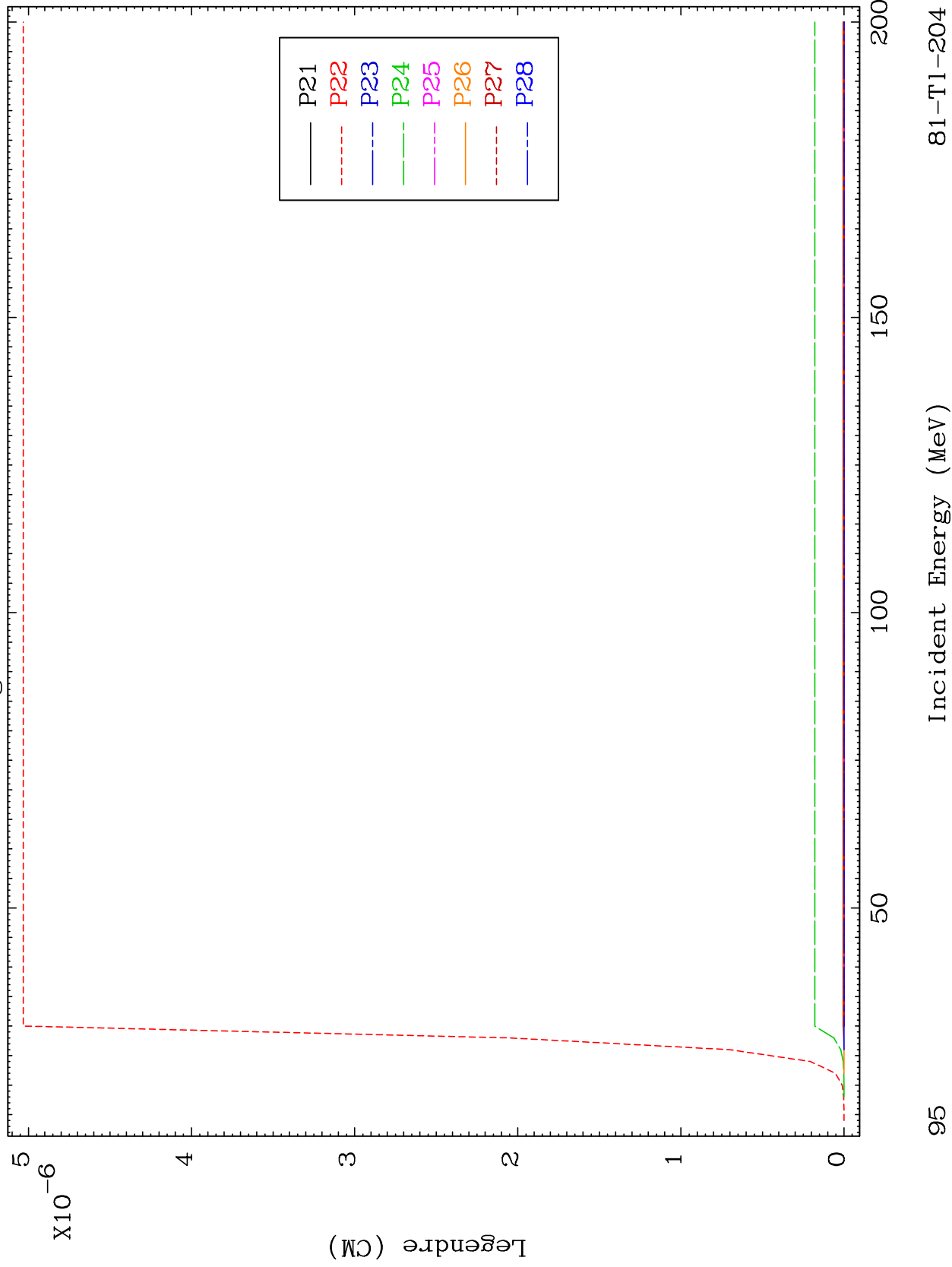
Incident Energy (MeV)

94

MAT 8128

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

81-T1-204



95

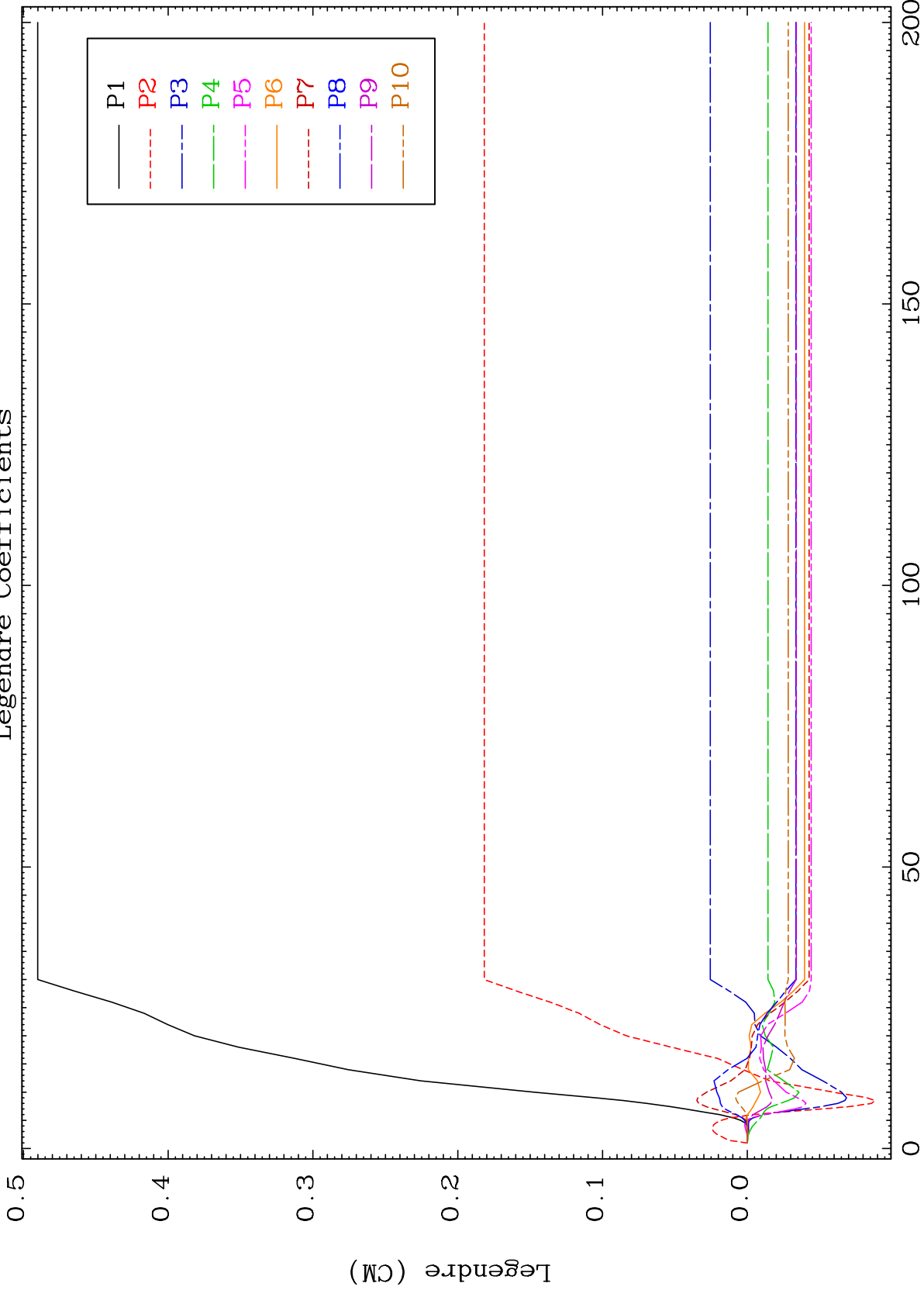
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



81-T1-204

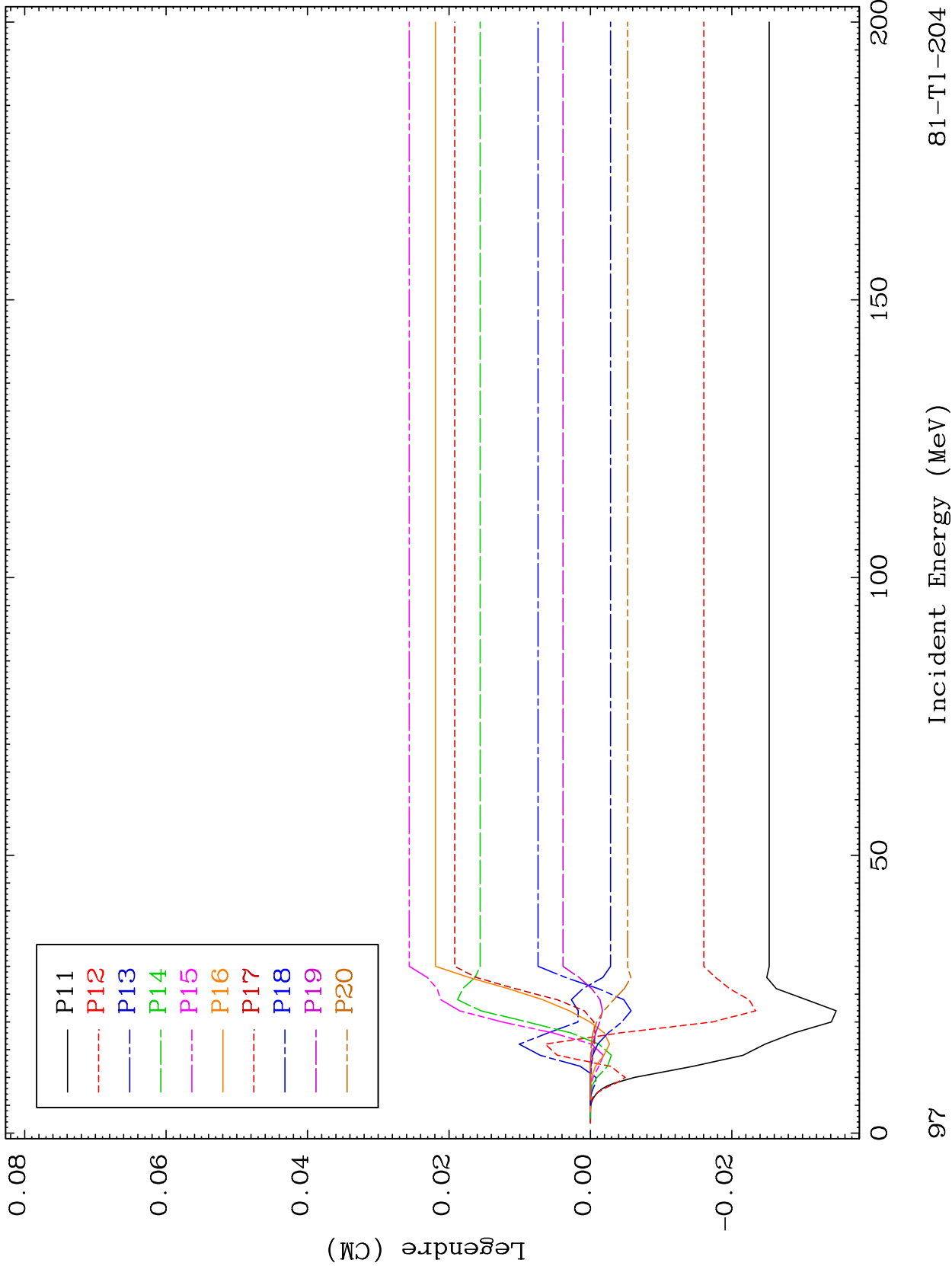
Incident Energy (MeV)

96

MAT 8128

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

81-T1-204



97

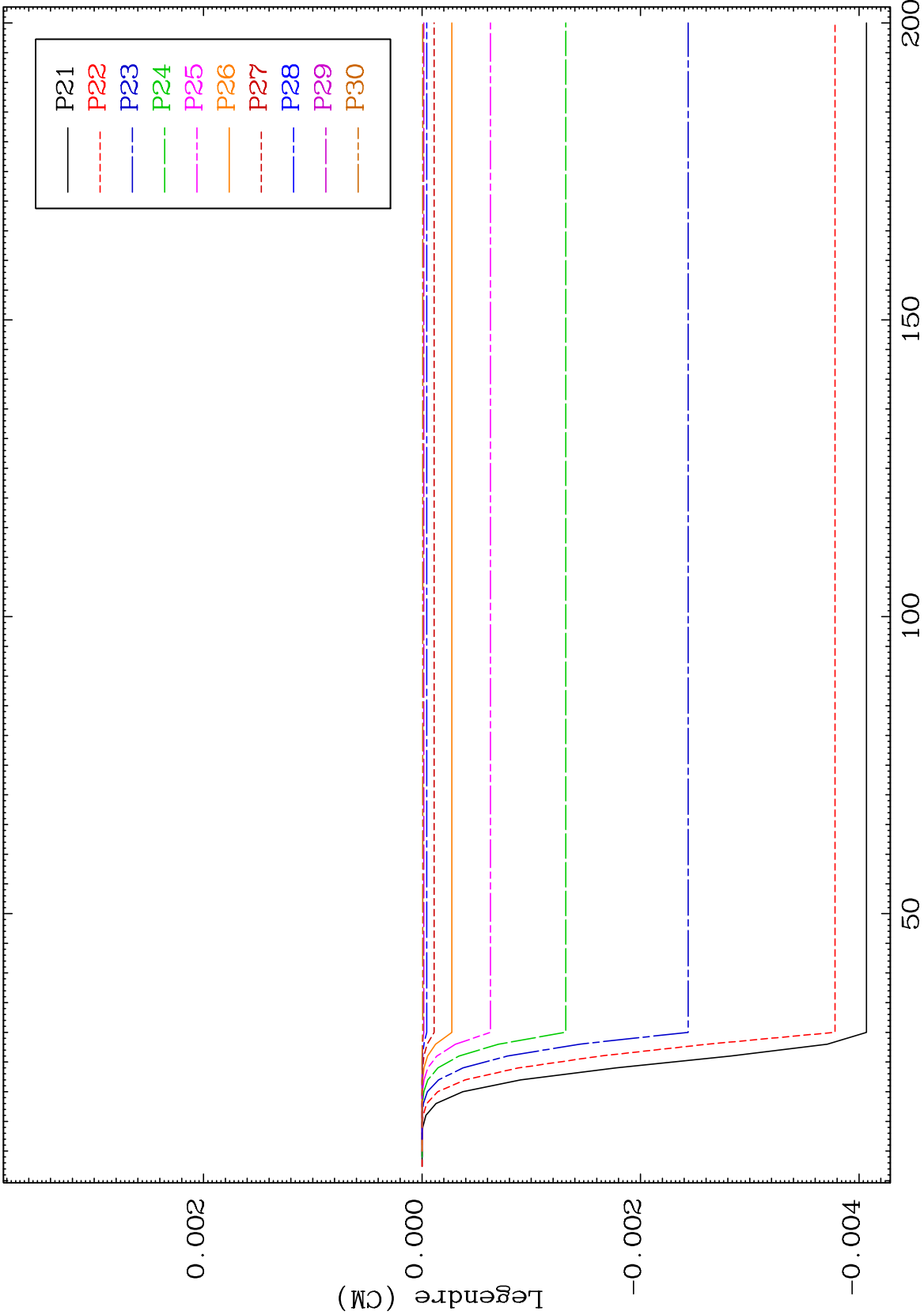
Incident Energy (MeV)

81-T1-204

MAT 8128

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

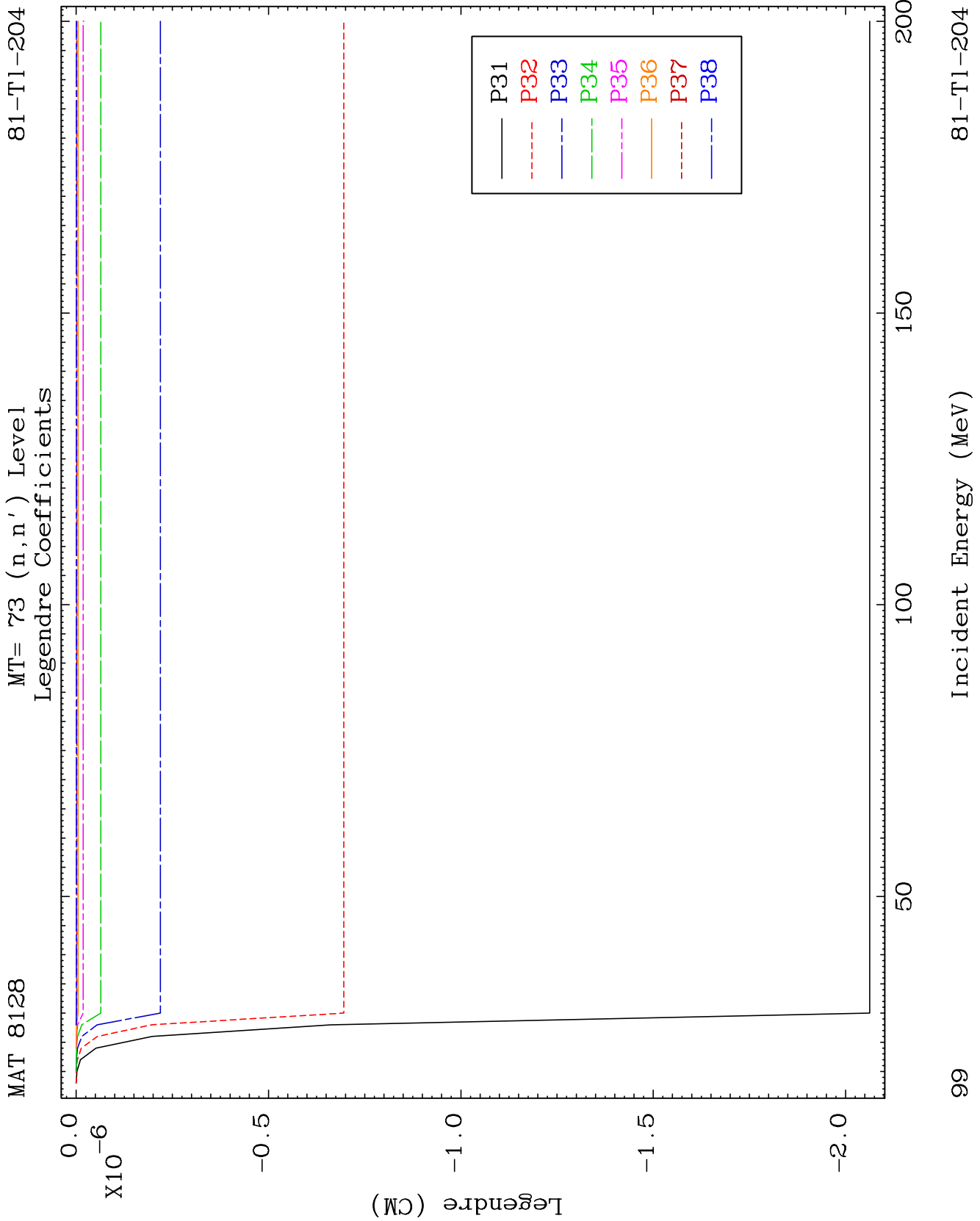
81-T1-204



98

Incident Energy (MeV)

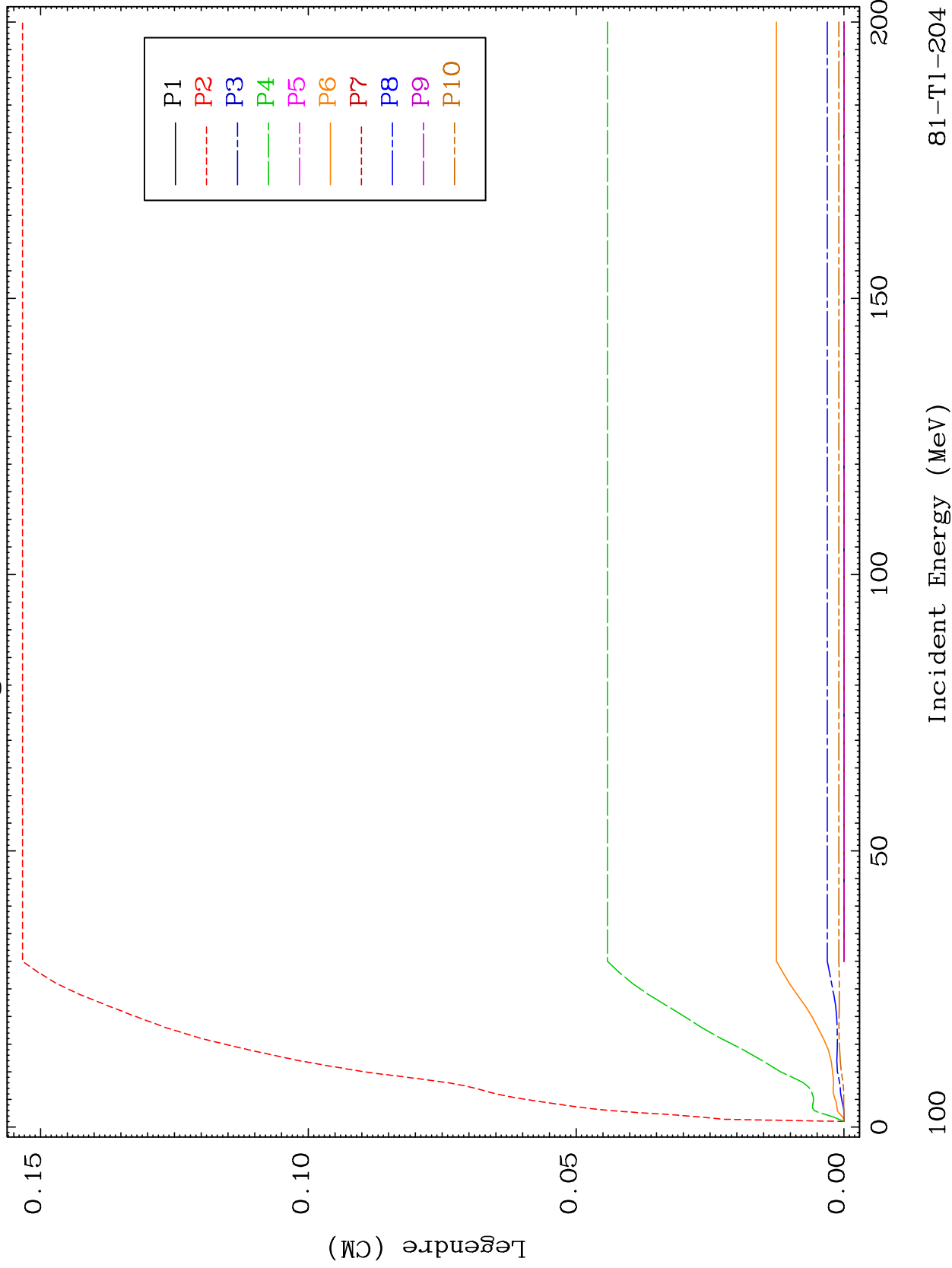
81-T1-204



MAT 8128

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

81-T1-204

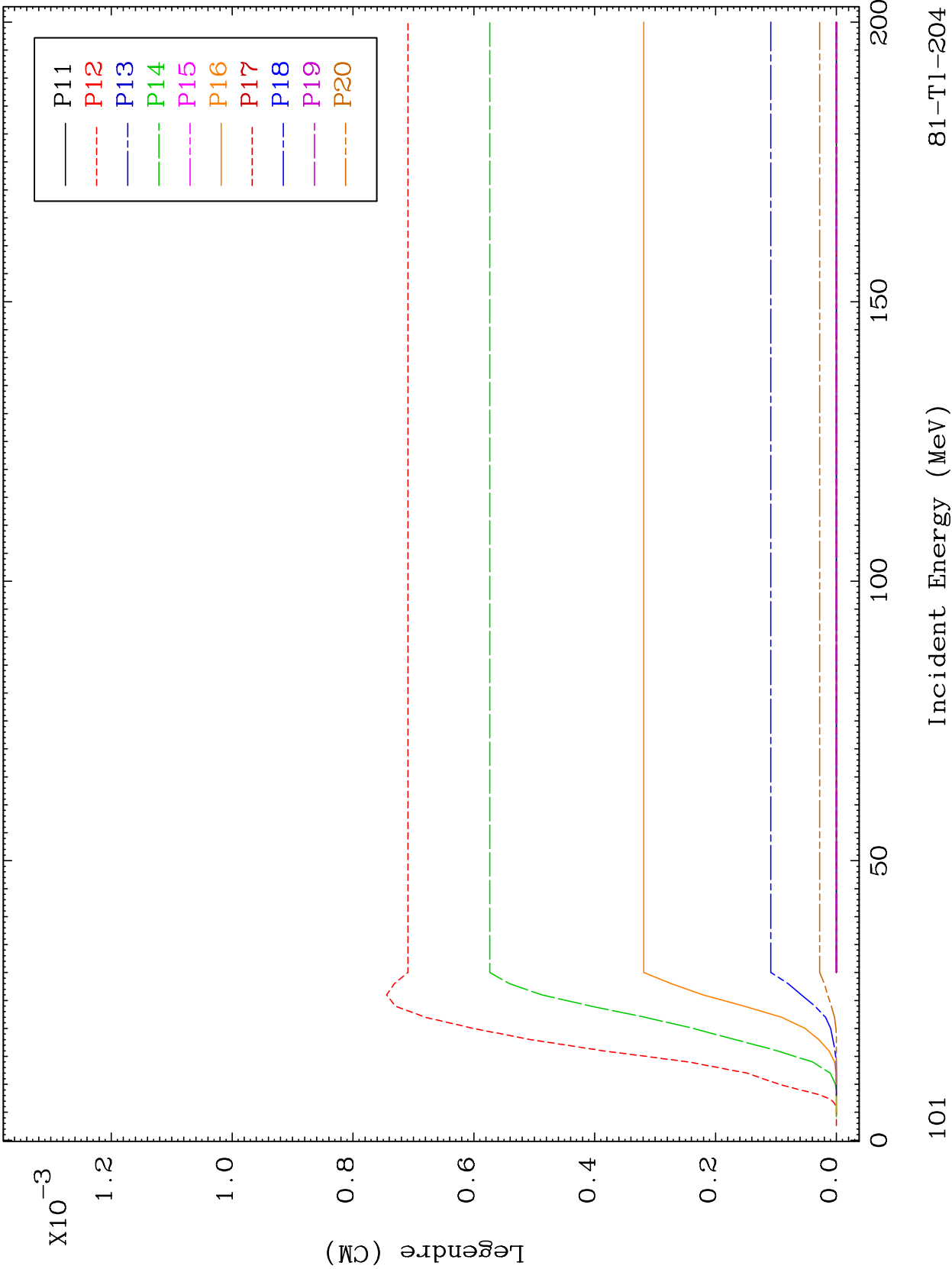


81-T1-204

MAT 8128

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

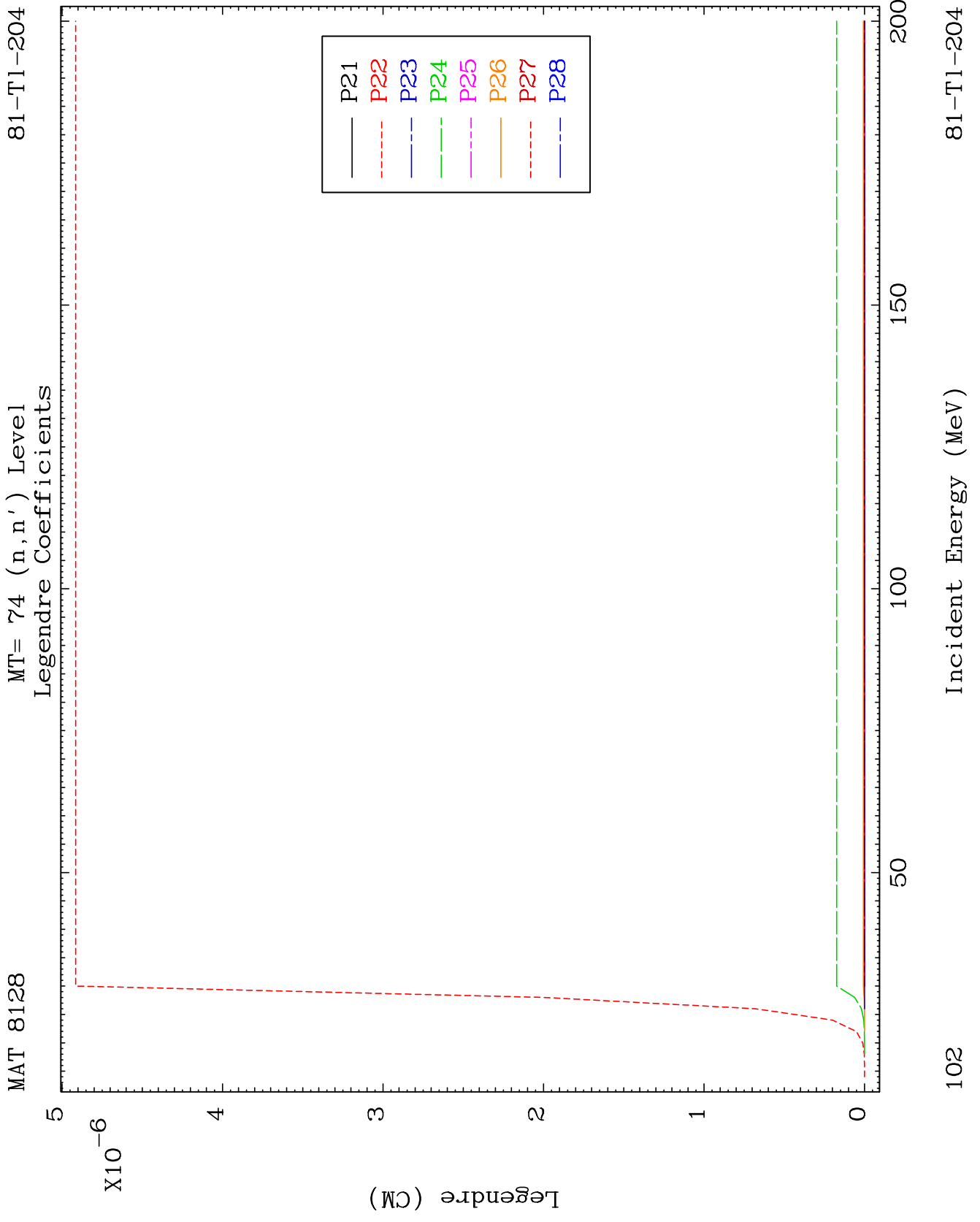
81-T1-204

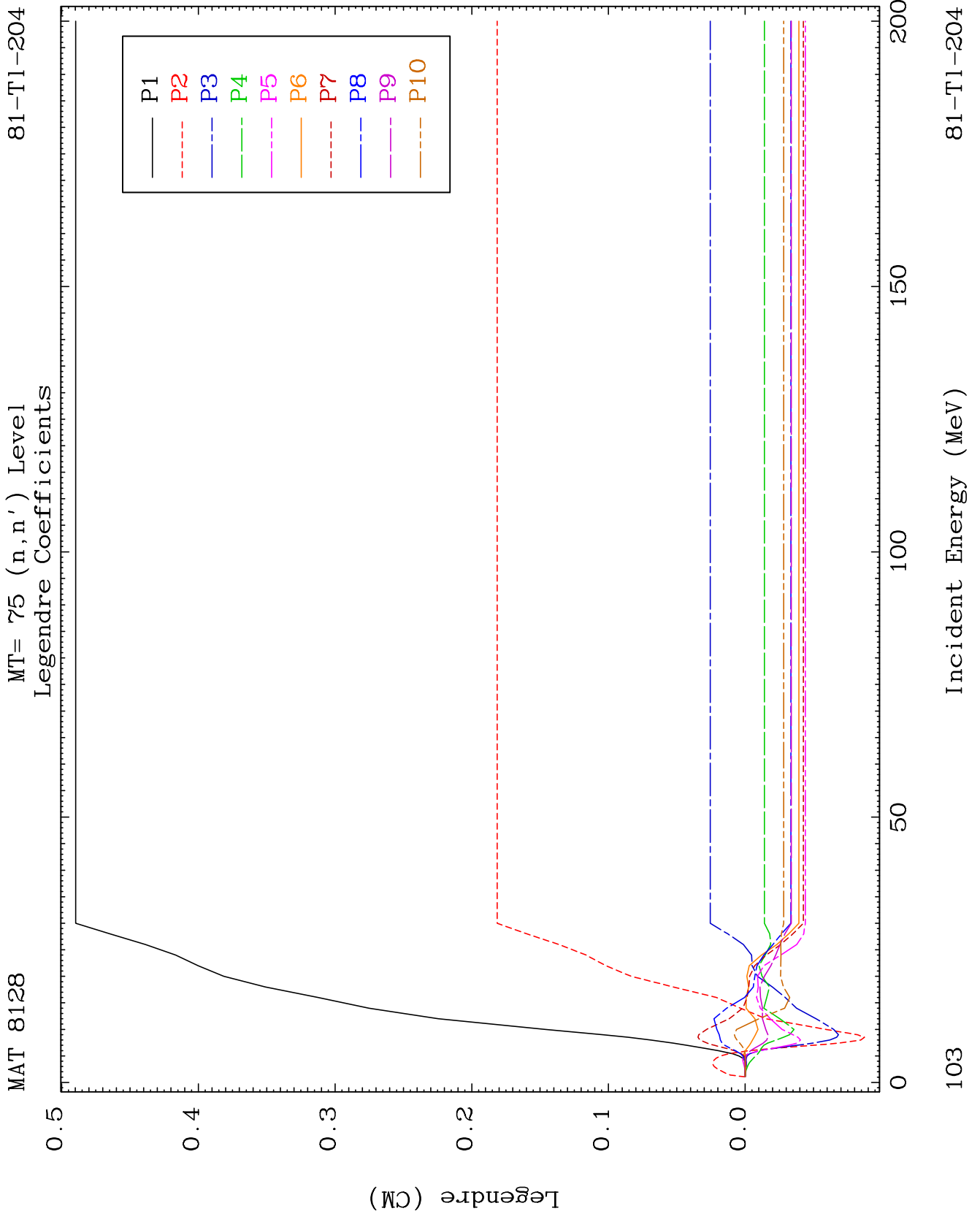


101

Incident Energy (MeV)

81-T1-204

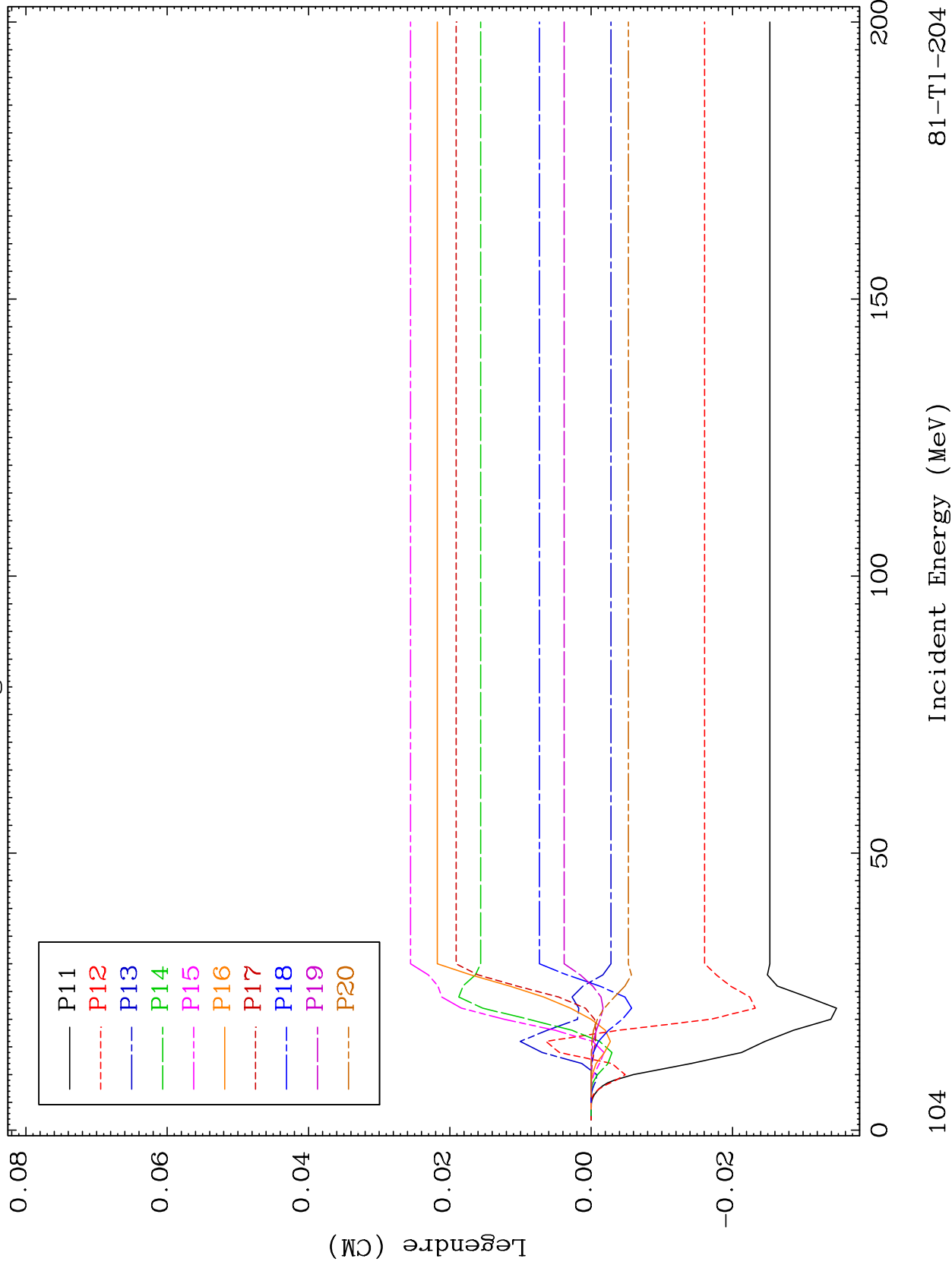




MAT 8128

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

81-T1-204



104

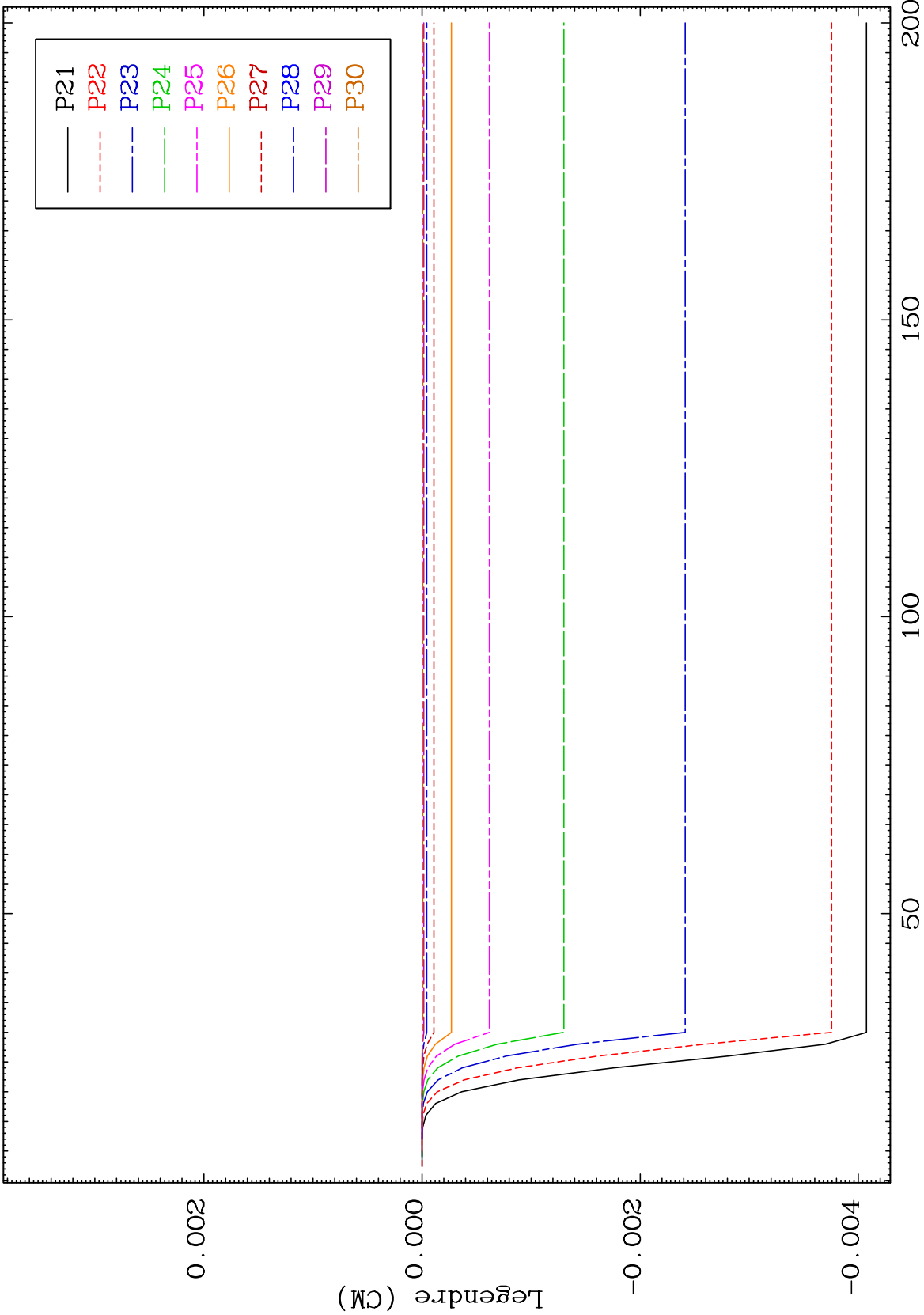
Incident Energy (MeV)

81-T1-204

MAT 8128

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

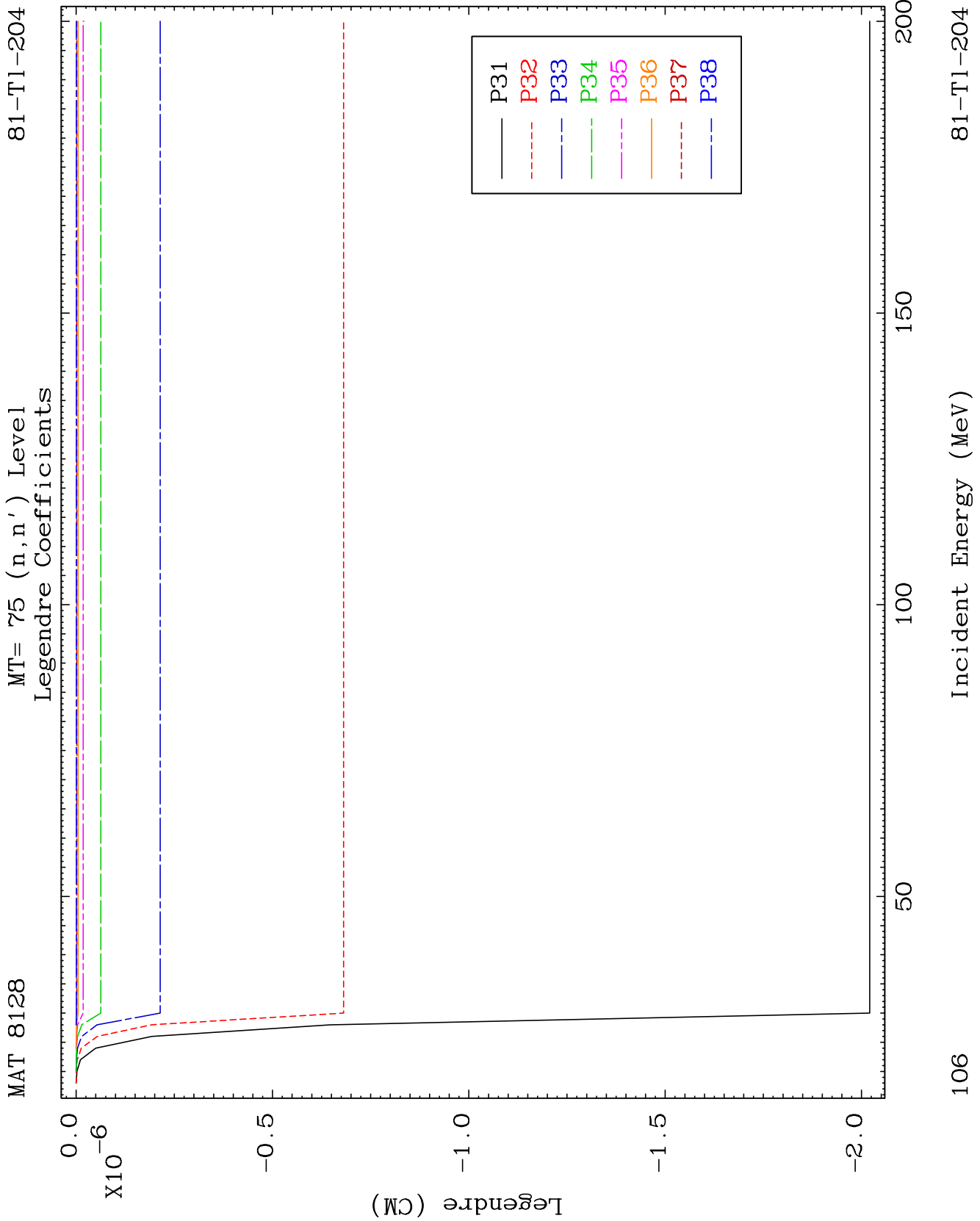
81-T1-204



105

Incident Energy (MeV)

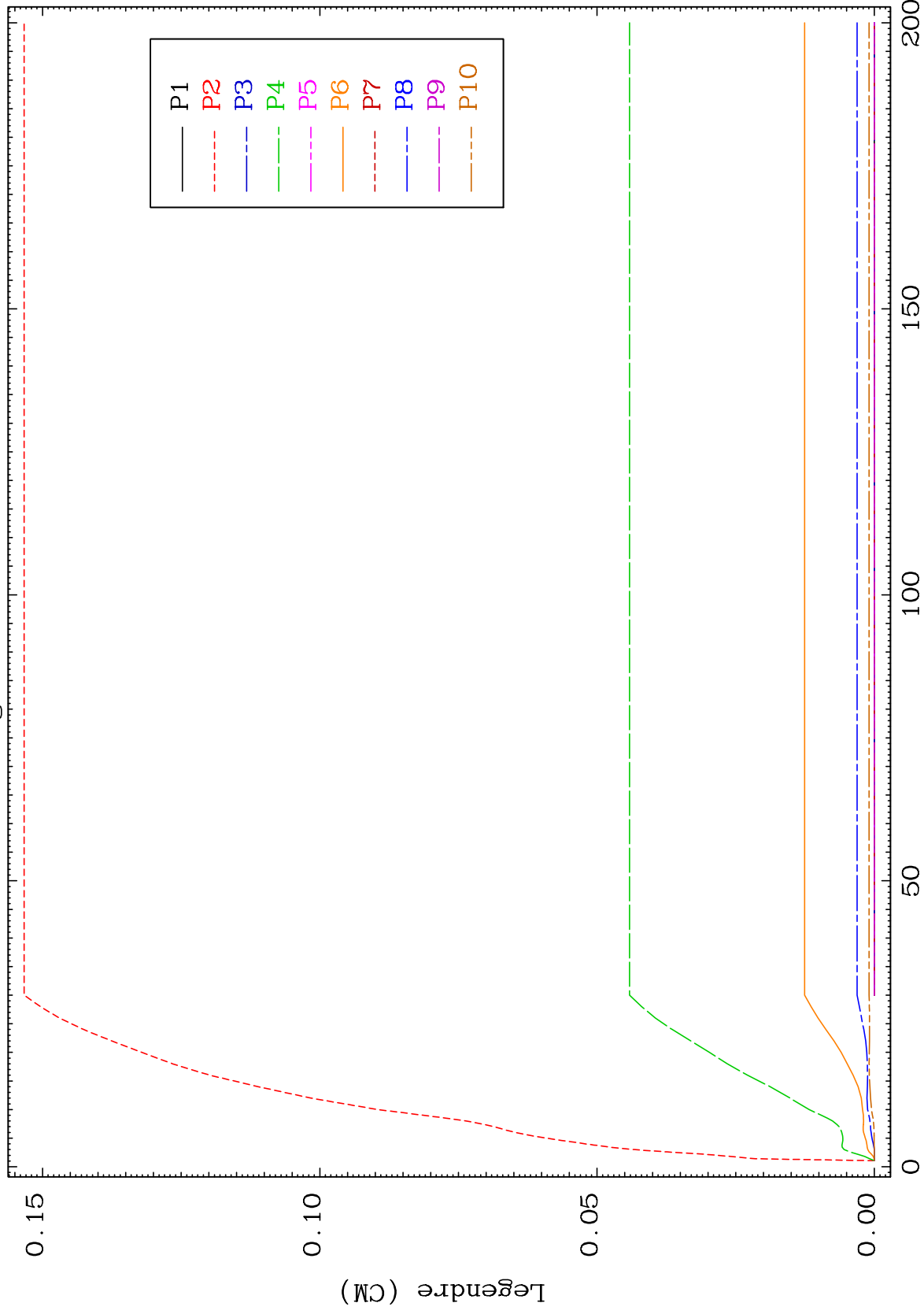
81-T1-204



MAT 8128

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

81-T1-204



107

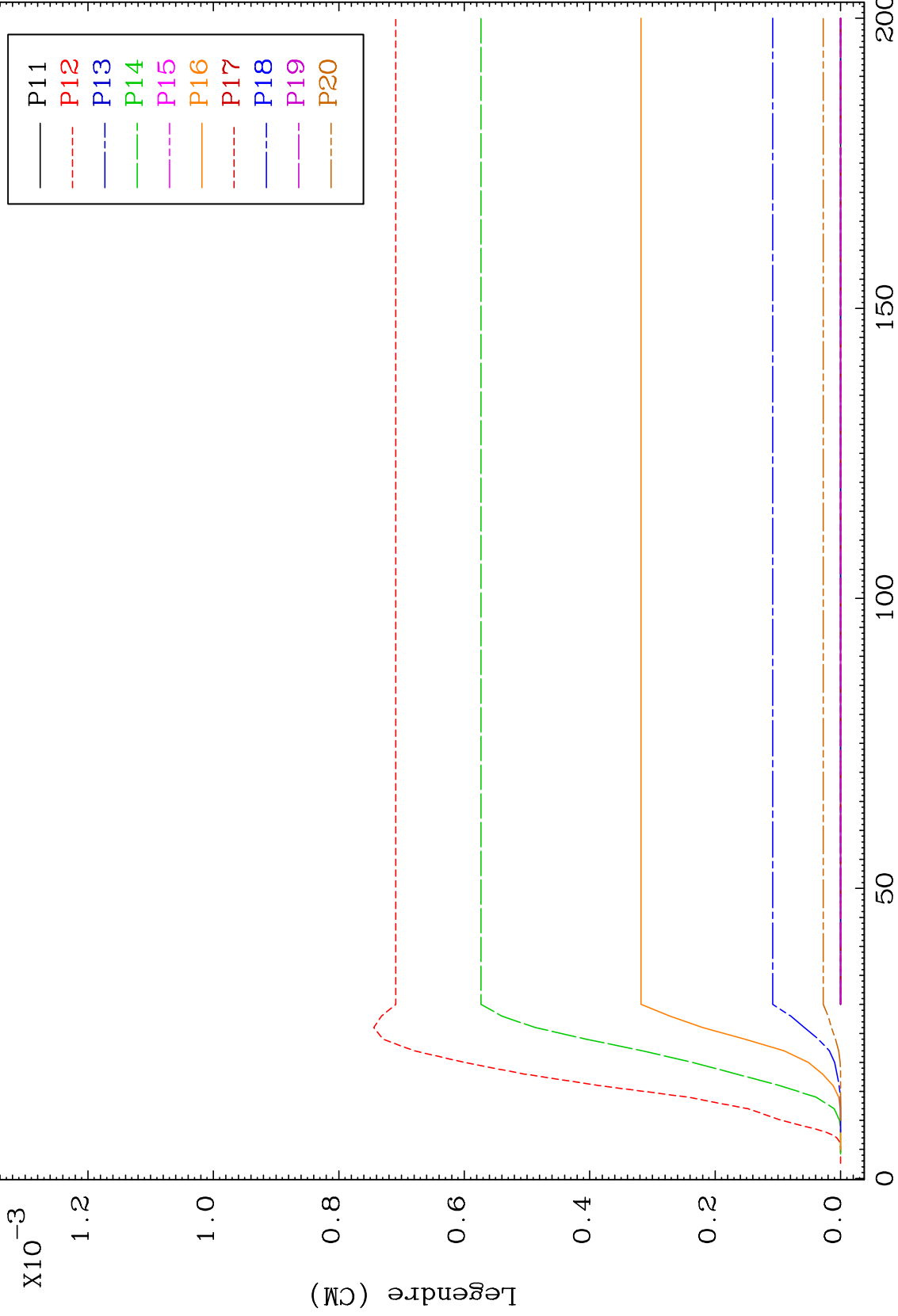
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



108

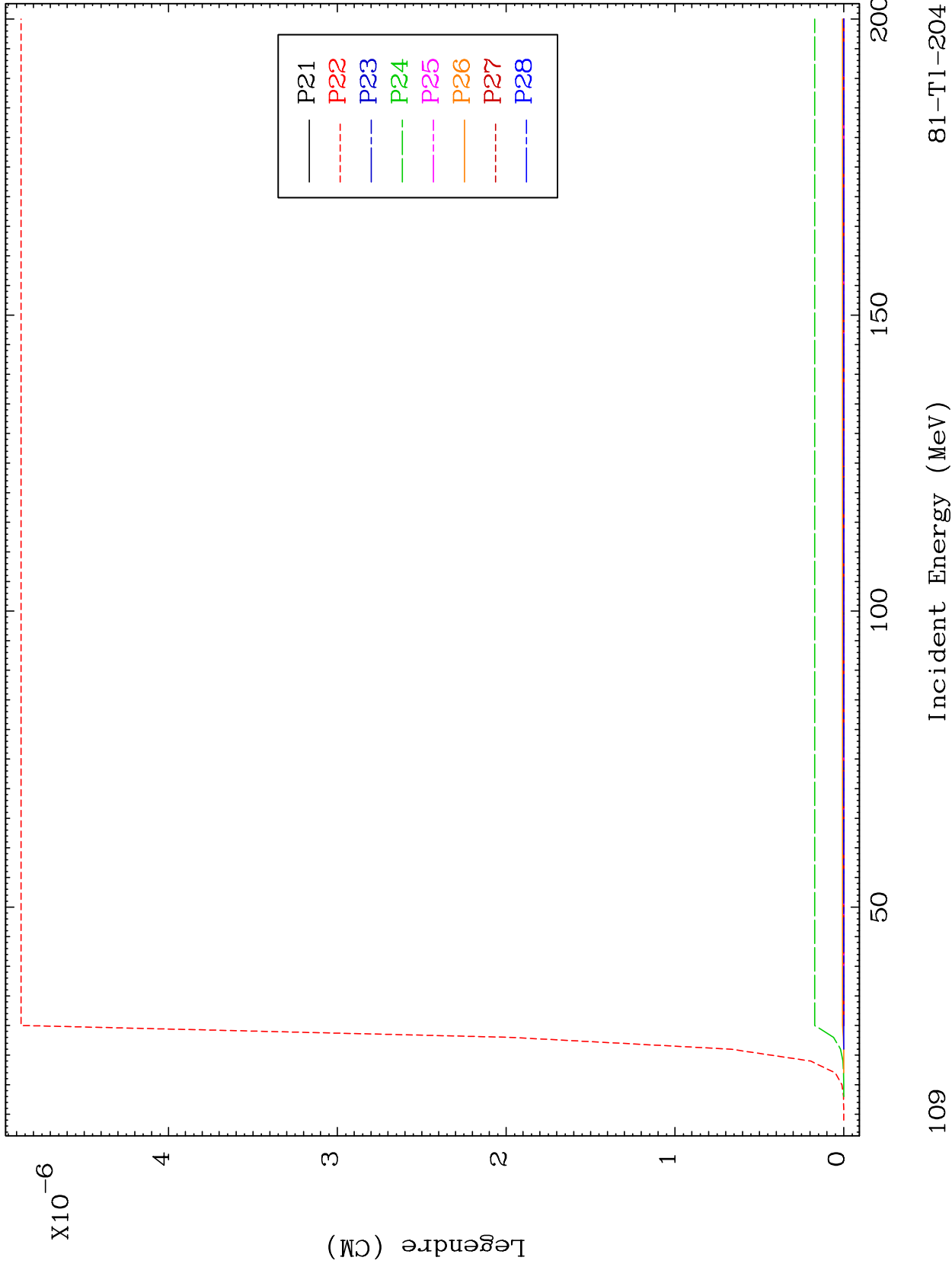
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204

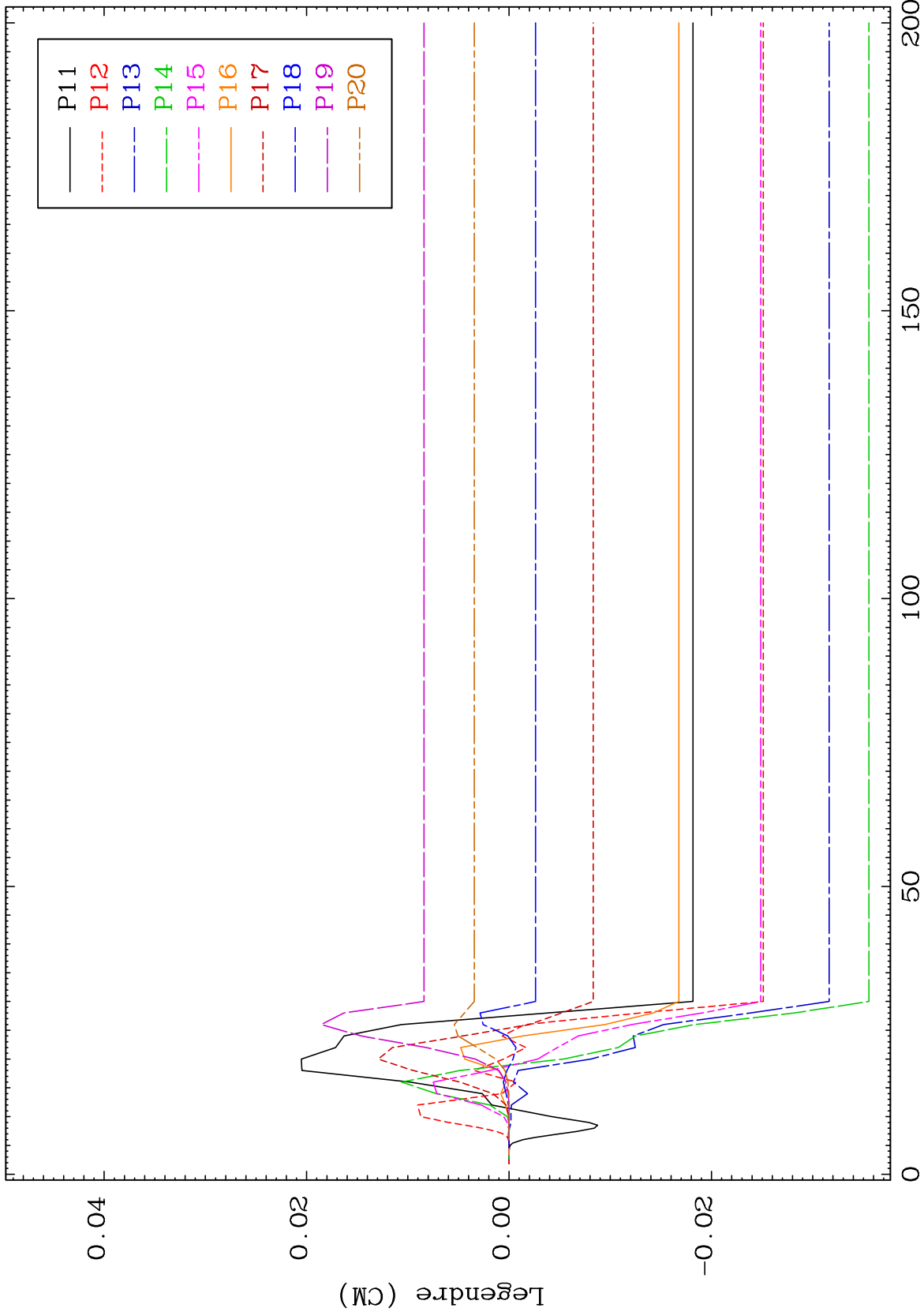


109

MAT 8128

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

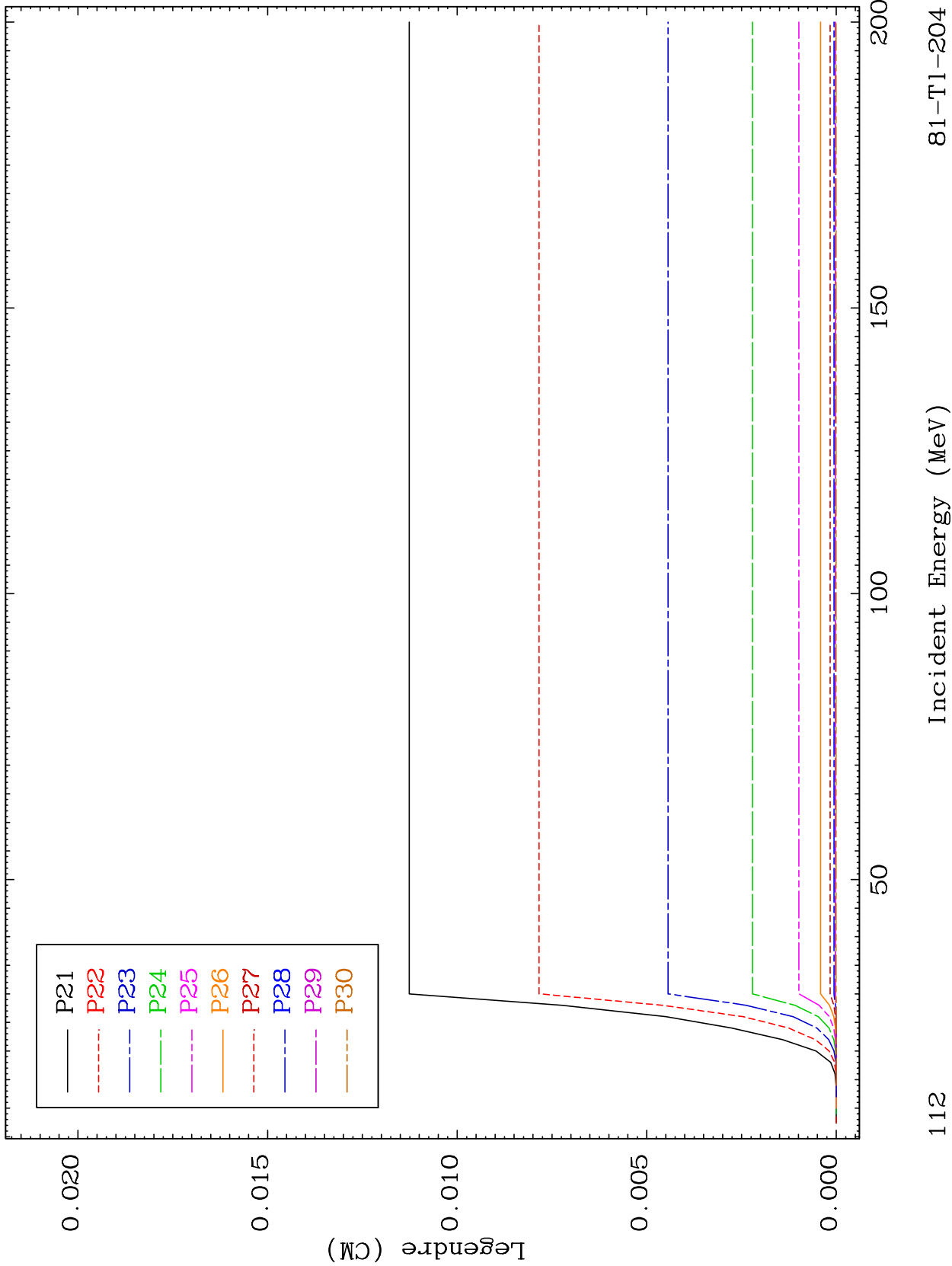
81-T1-204

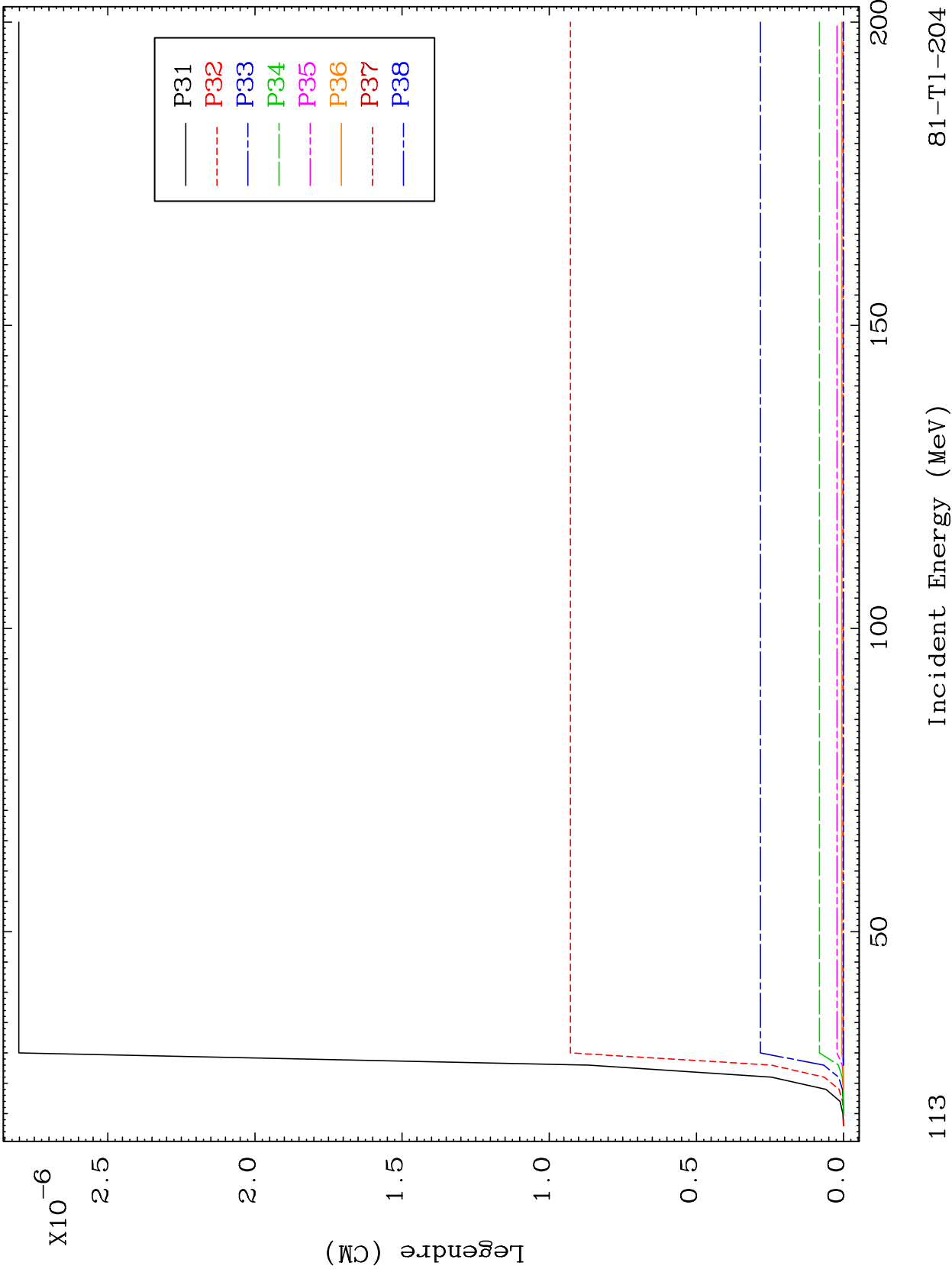


111

Incident Energy (MeV)

81-T1-204

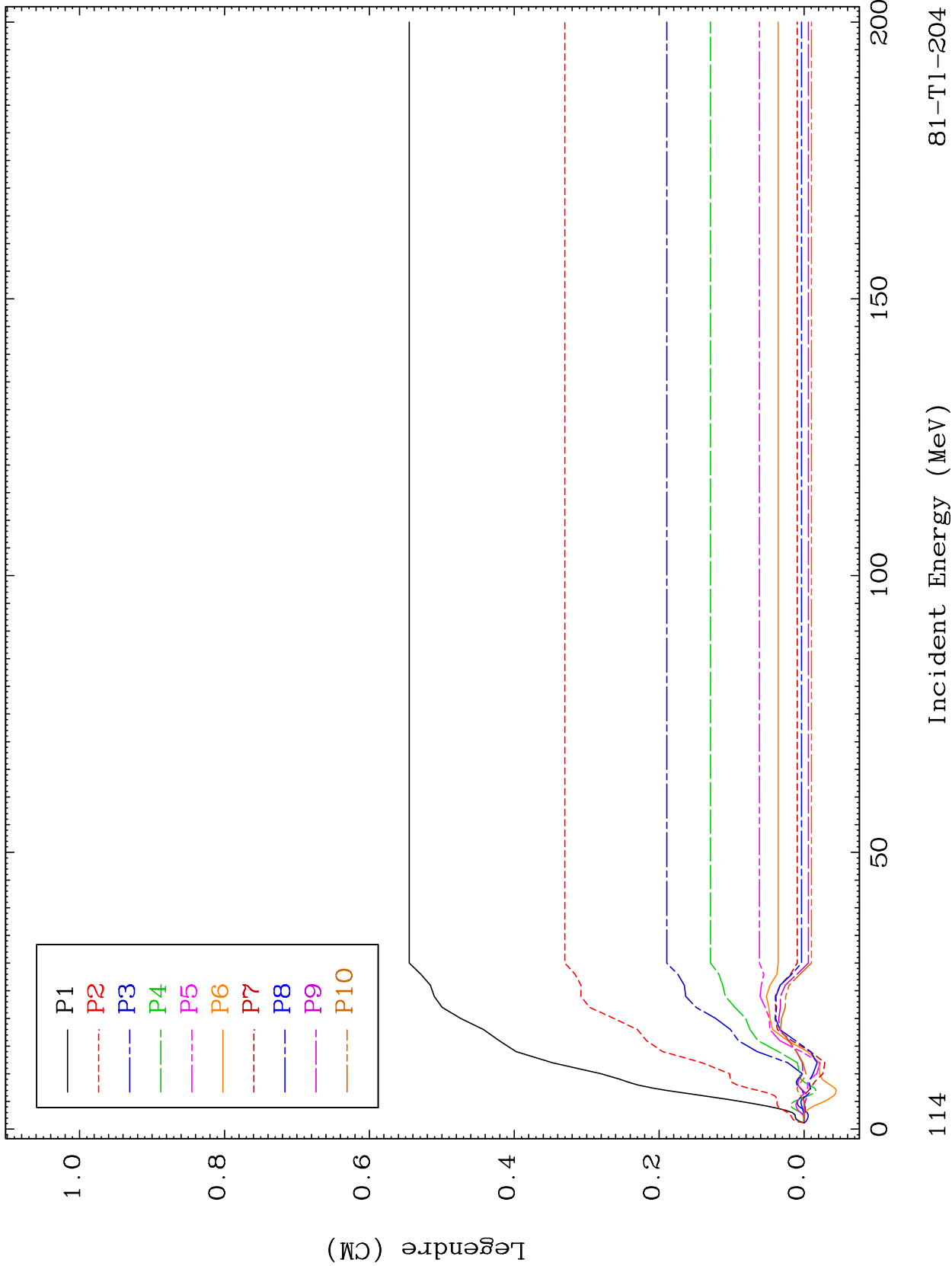




MAT 8128

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

81-T1-204

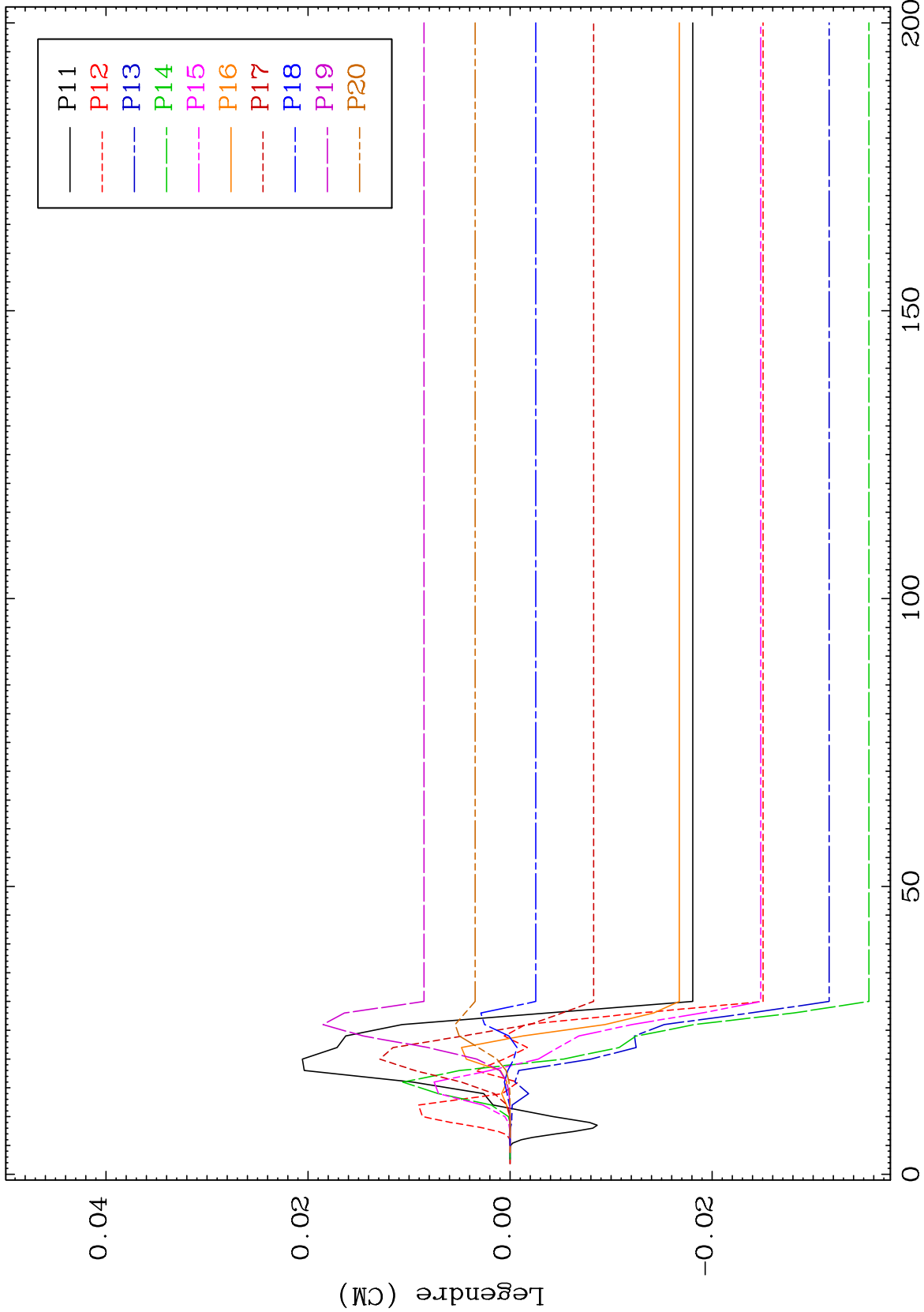


114

MAT 8128

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

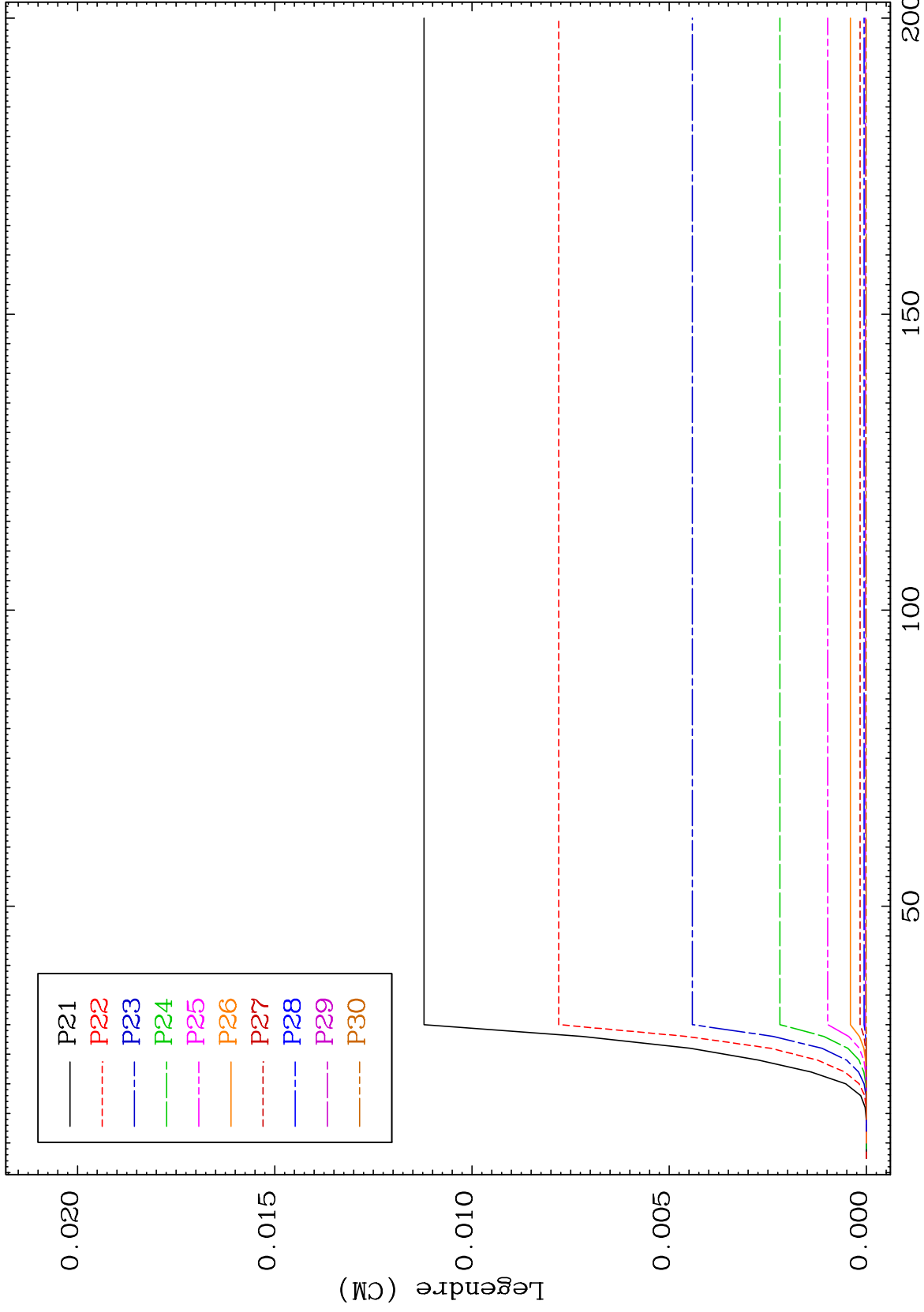
81-T1-204



115

Incident Energy (MeV)

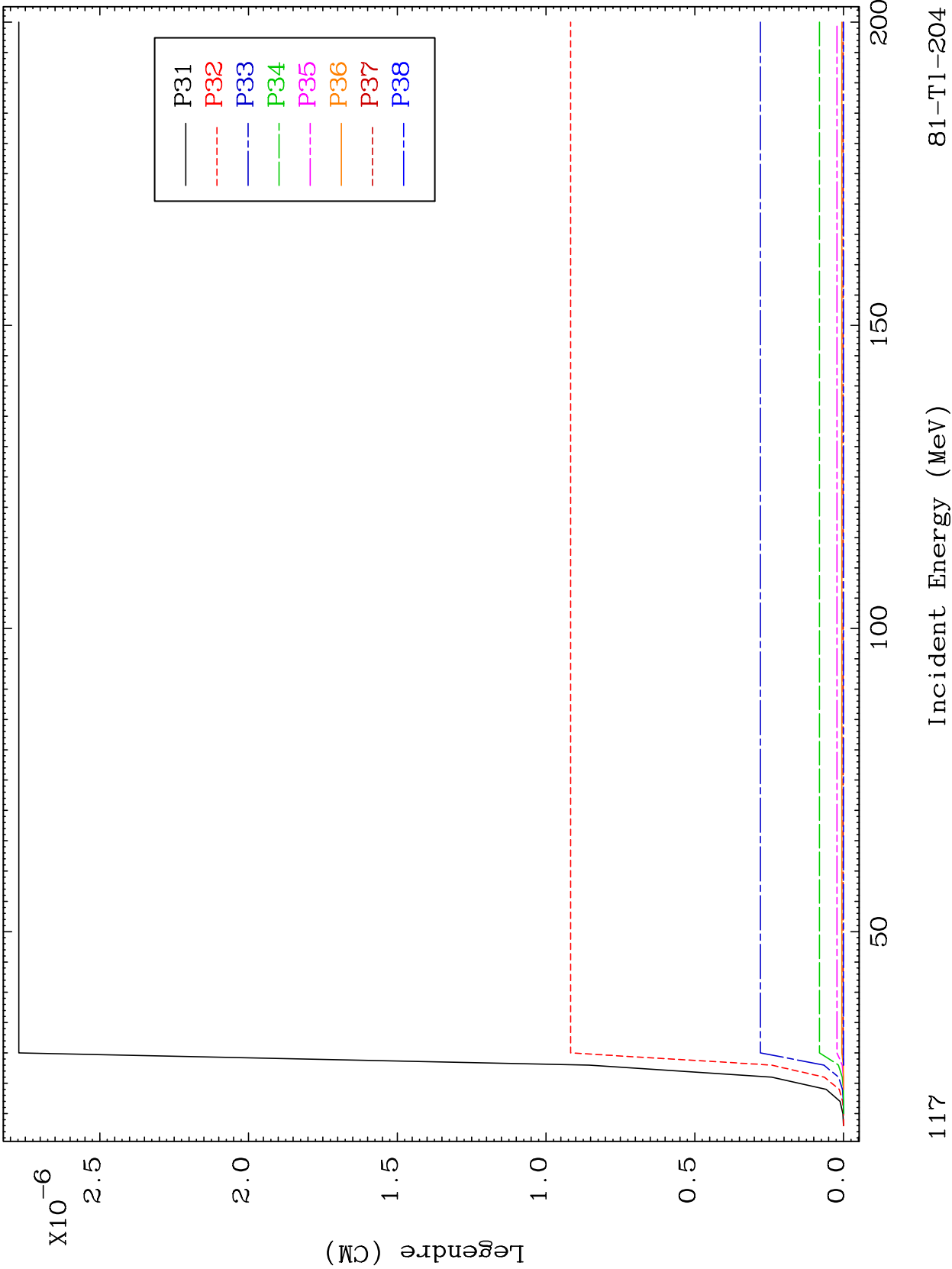
81-T1-204



MAT 8128

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

81-T1-204



117

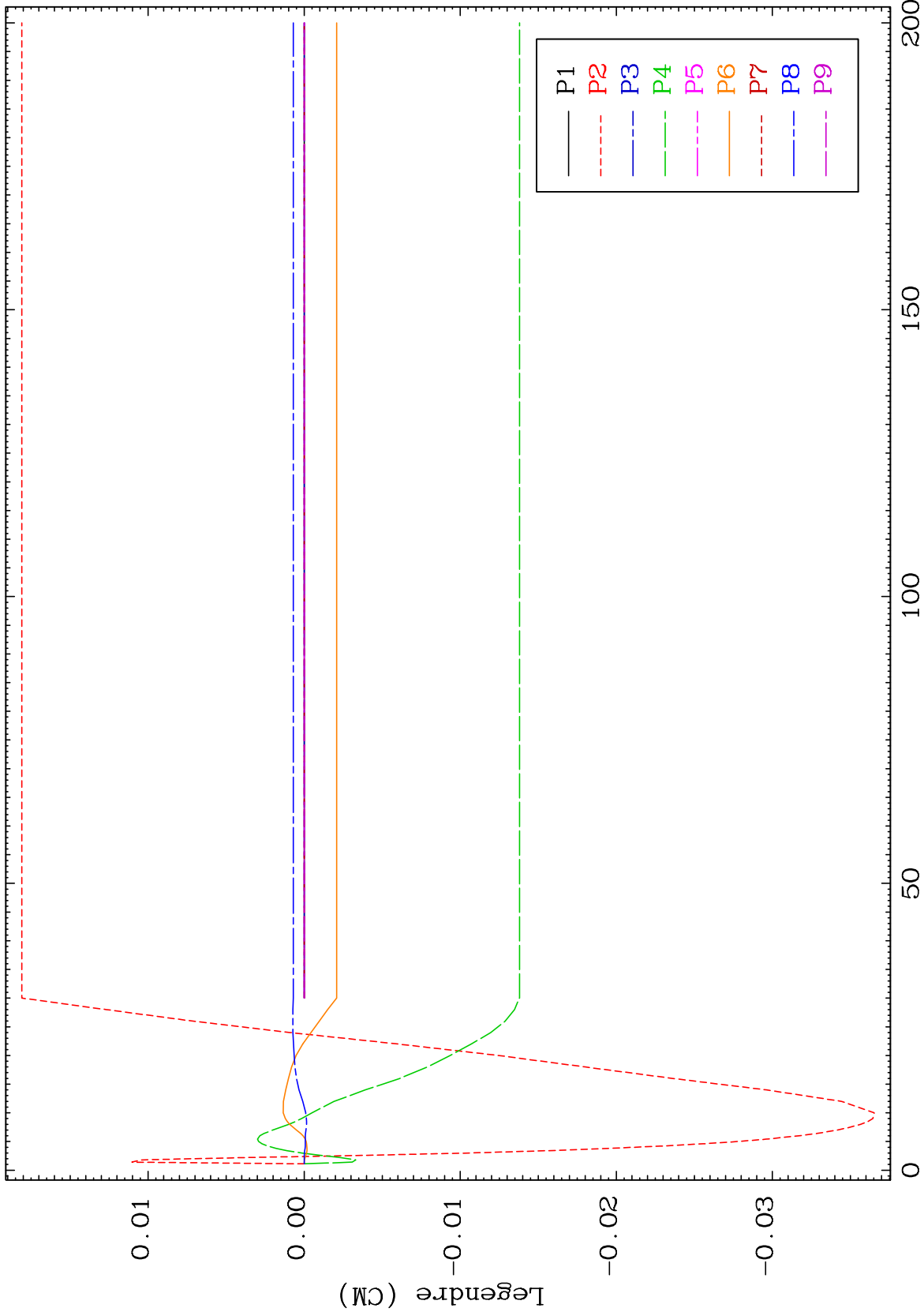
Incident Energy (MeV)

81-T1-204

MAT 8128

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

81-T1-204



118

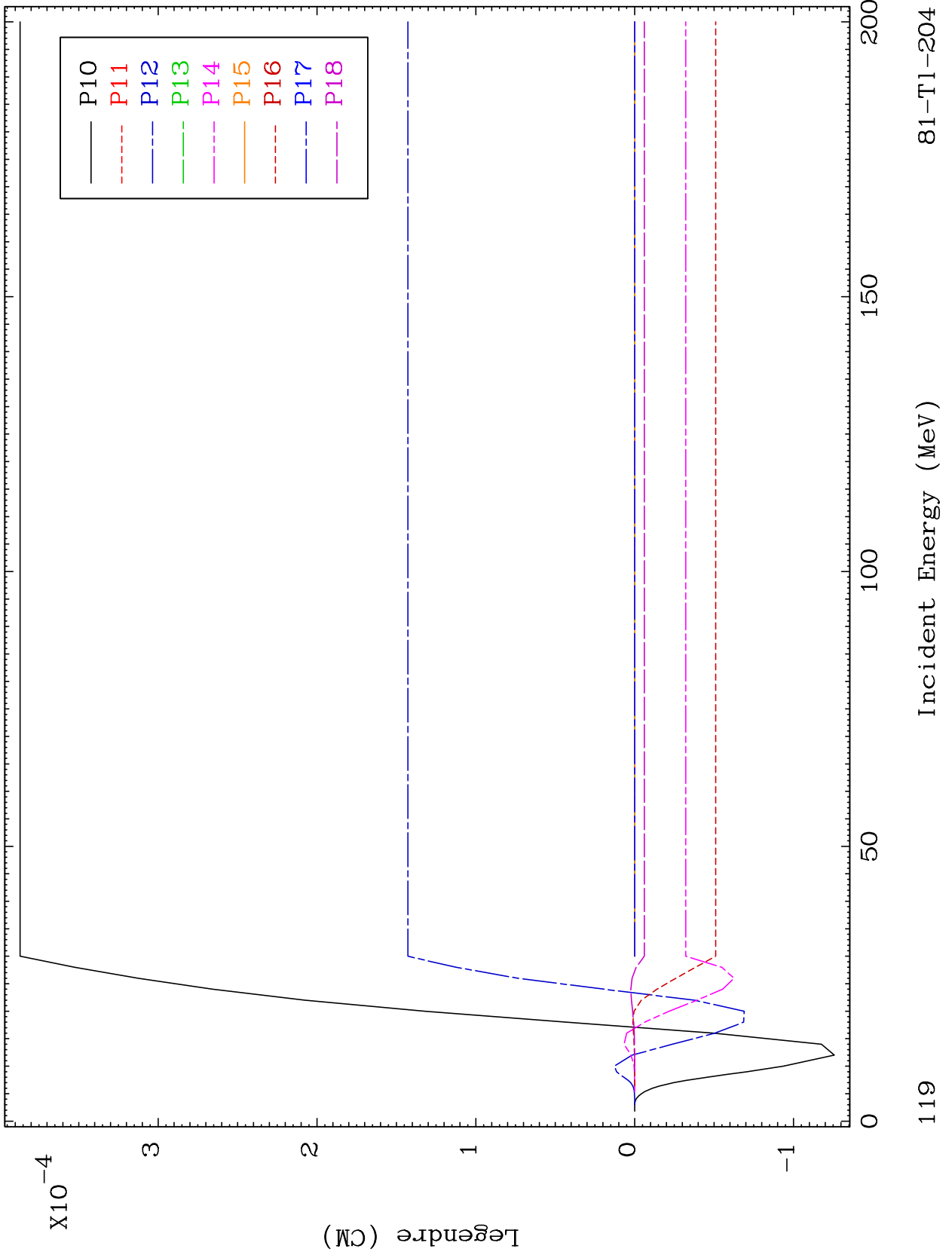
Incident Energy (MeV)

81-T1-204

MAT 8128

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

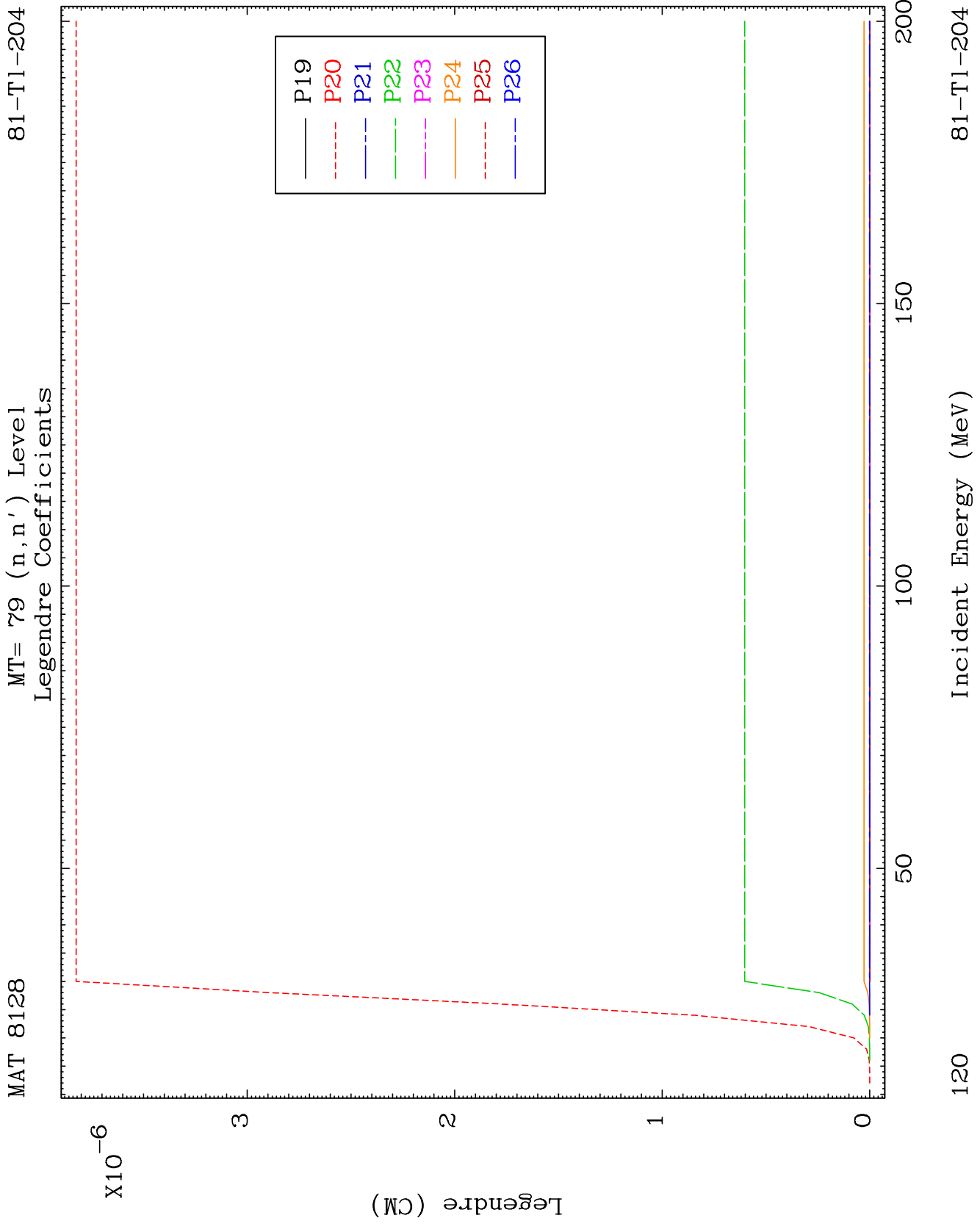
81-Tl-204

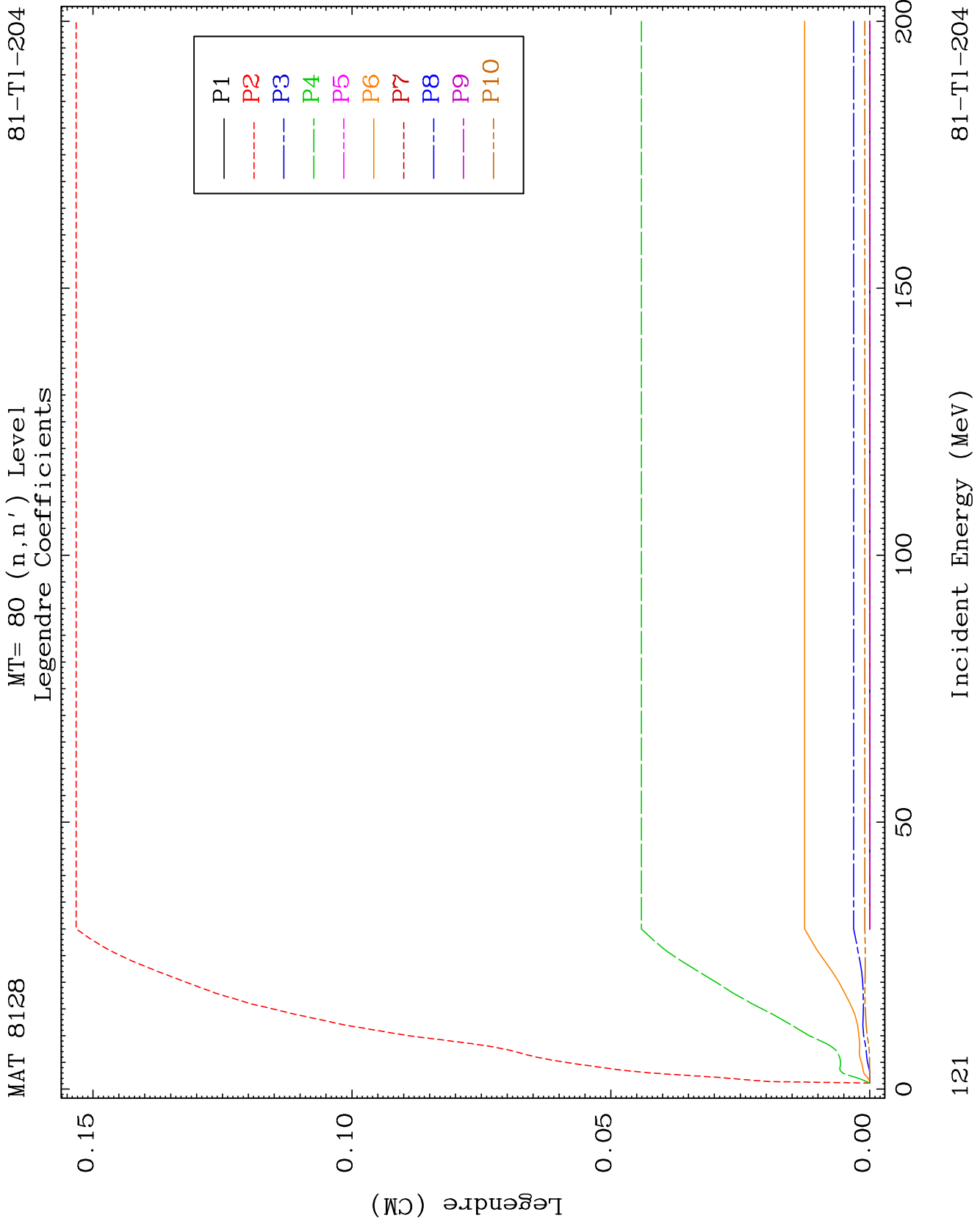


119

Incident Energy (MeV)

81-Tl-204

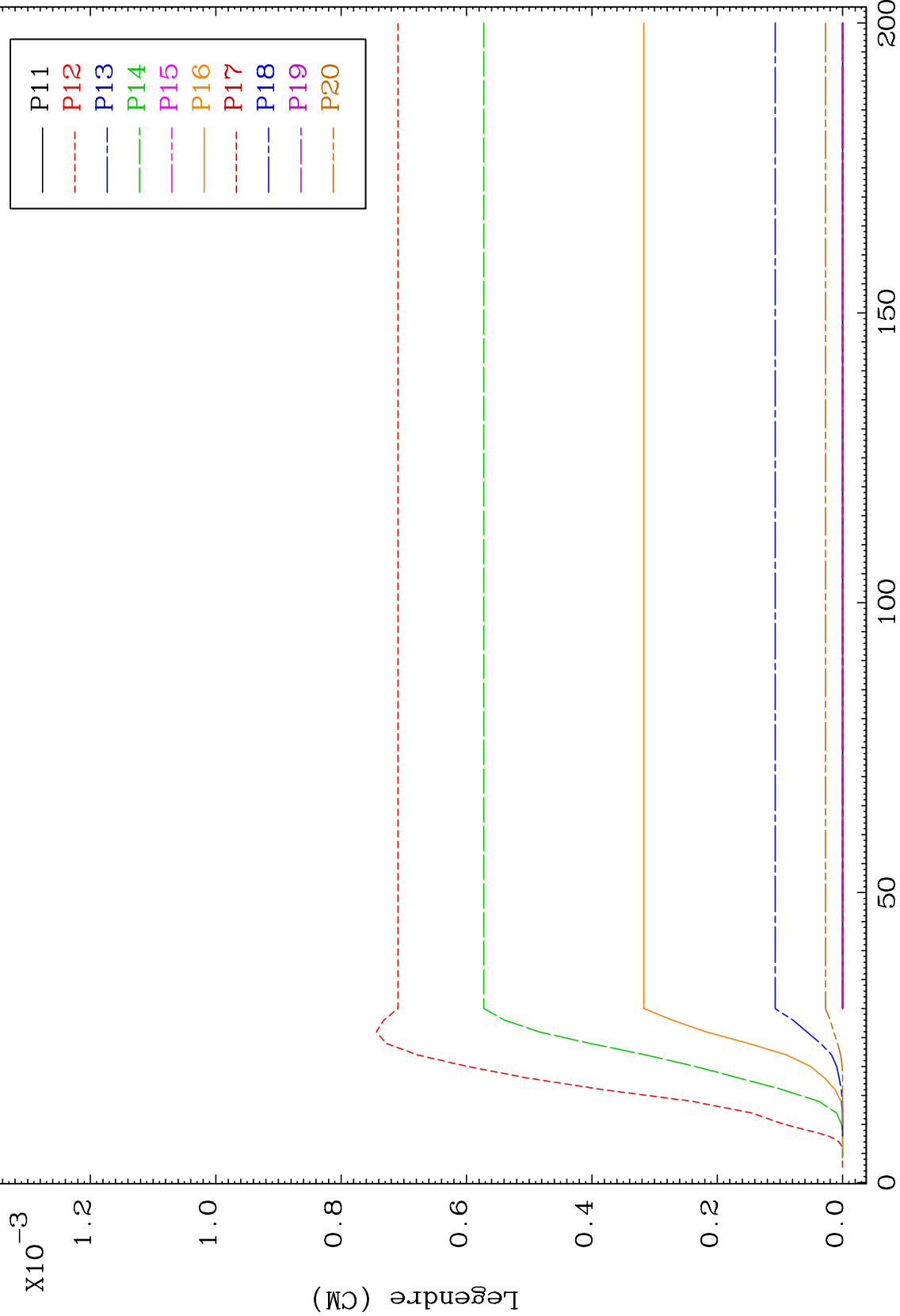




MAT 8128

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

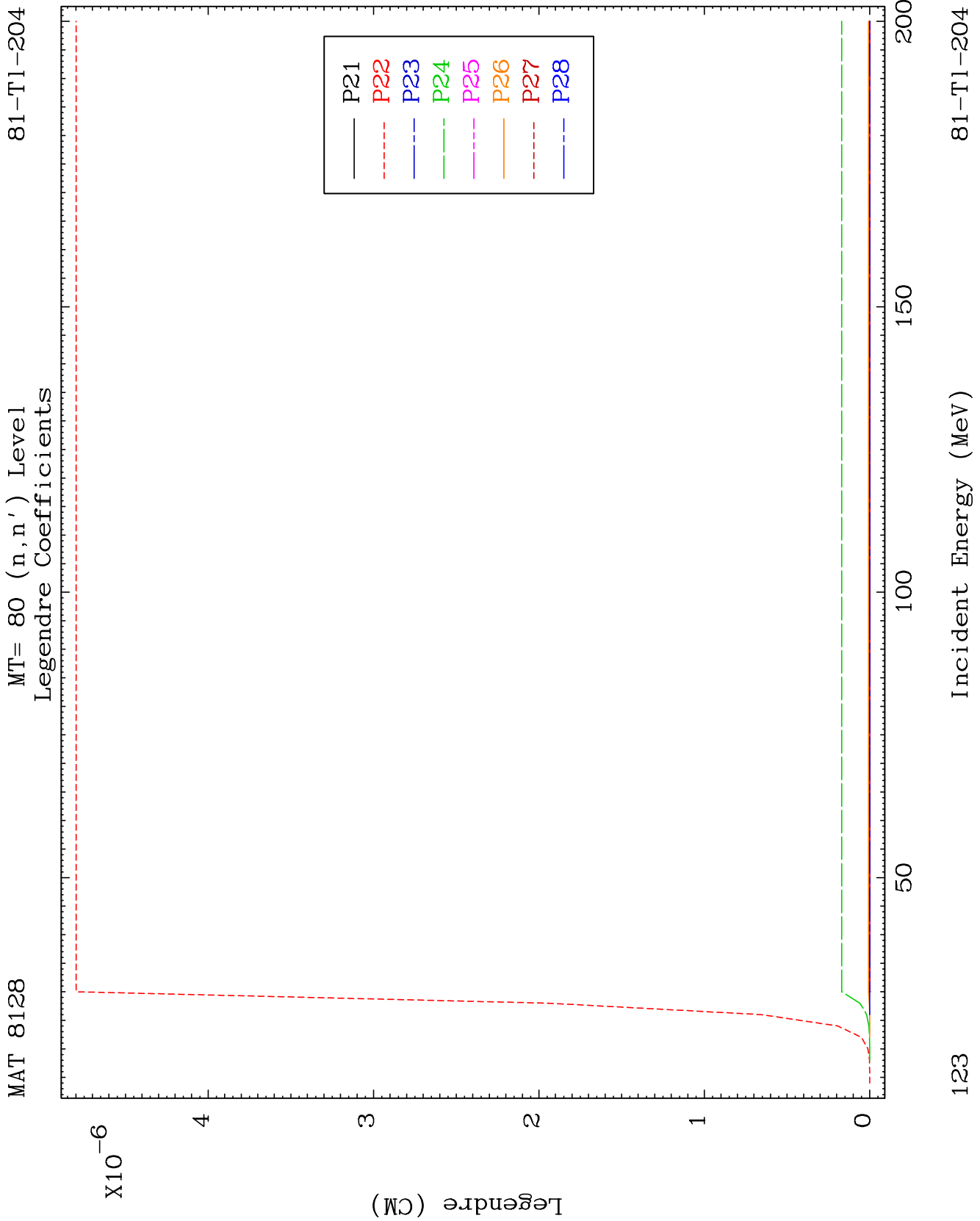
81-T1-204



81-T1-204

Incident Energy (MeV)

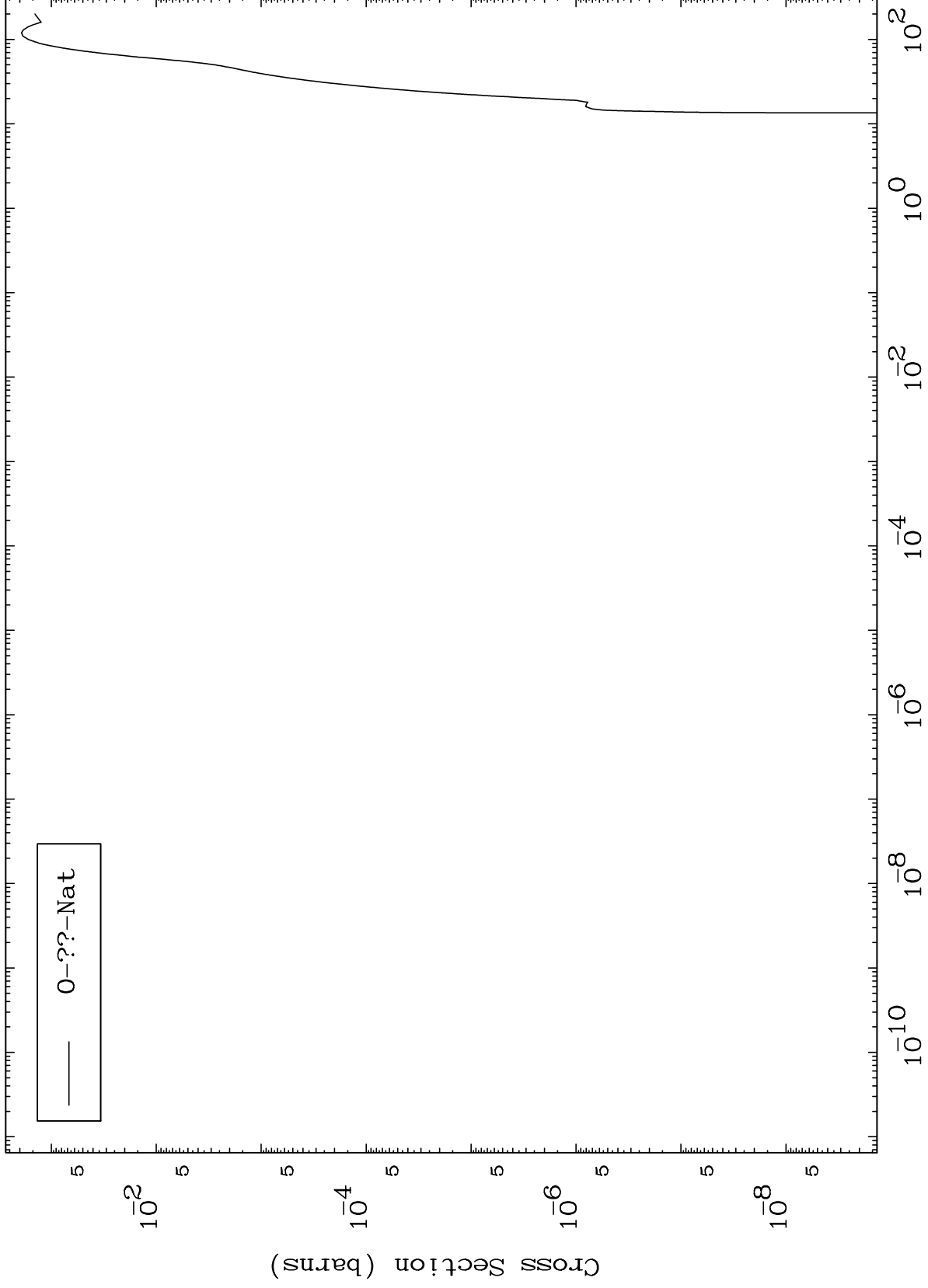
122



MAT 8128

Fission
Radionuclide Production Cross Section

81-Tl-204



124

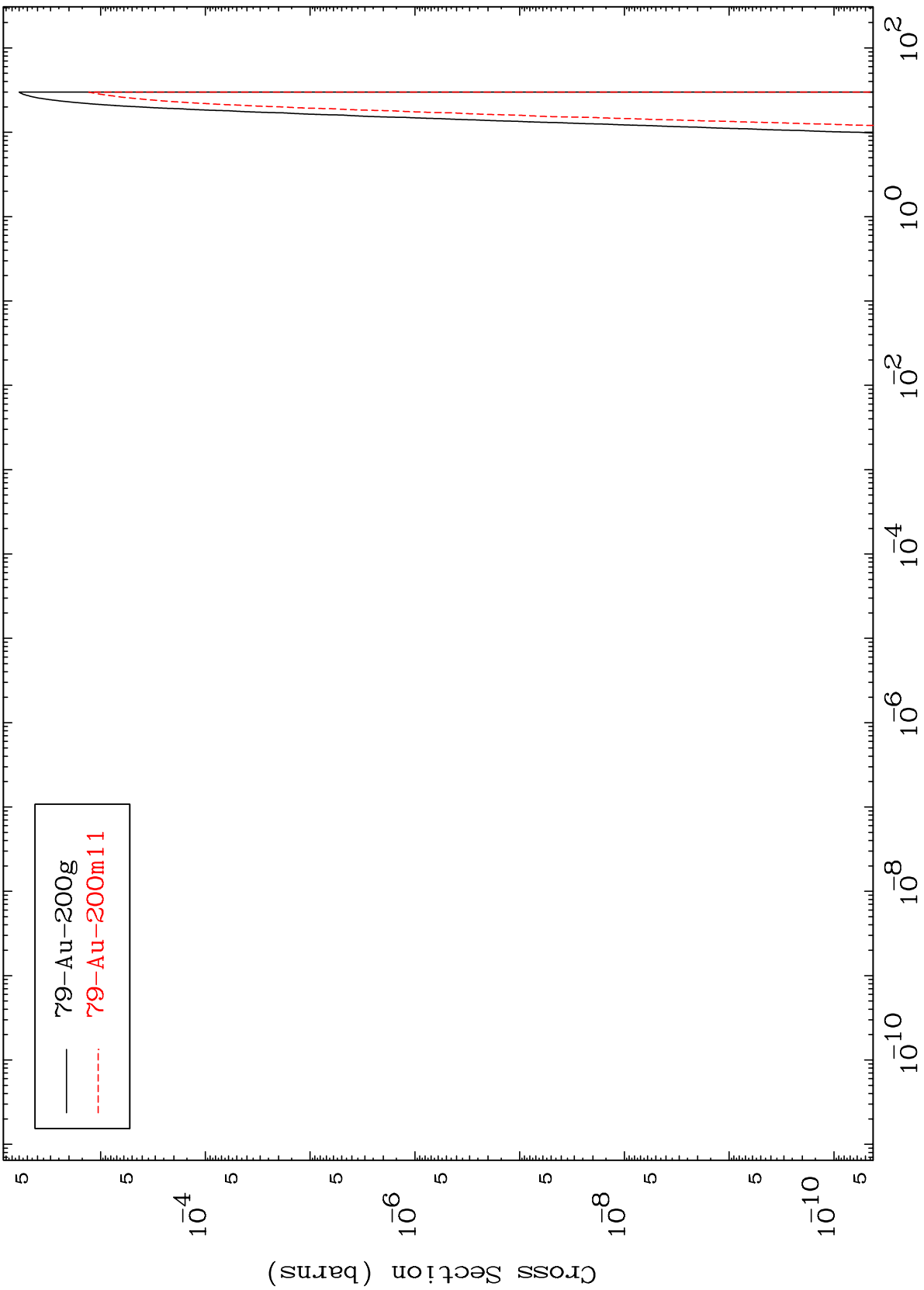
81-Tl-204

MAT 8128

(n,n') α

81-Tl-204

Radionuclide Production Cross Section



125

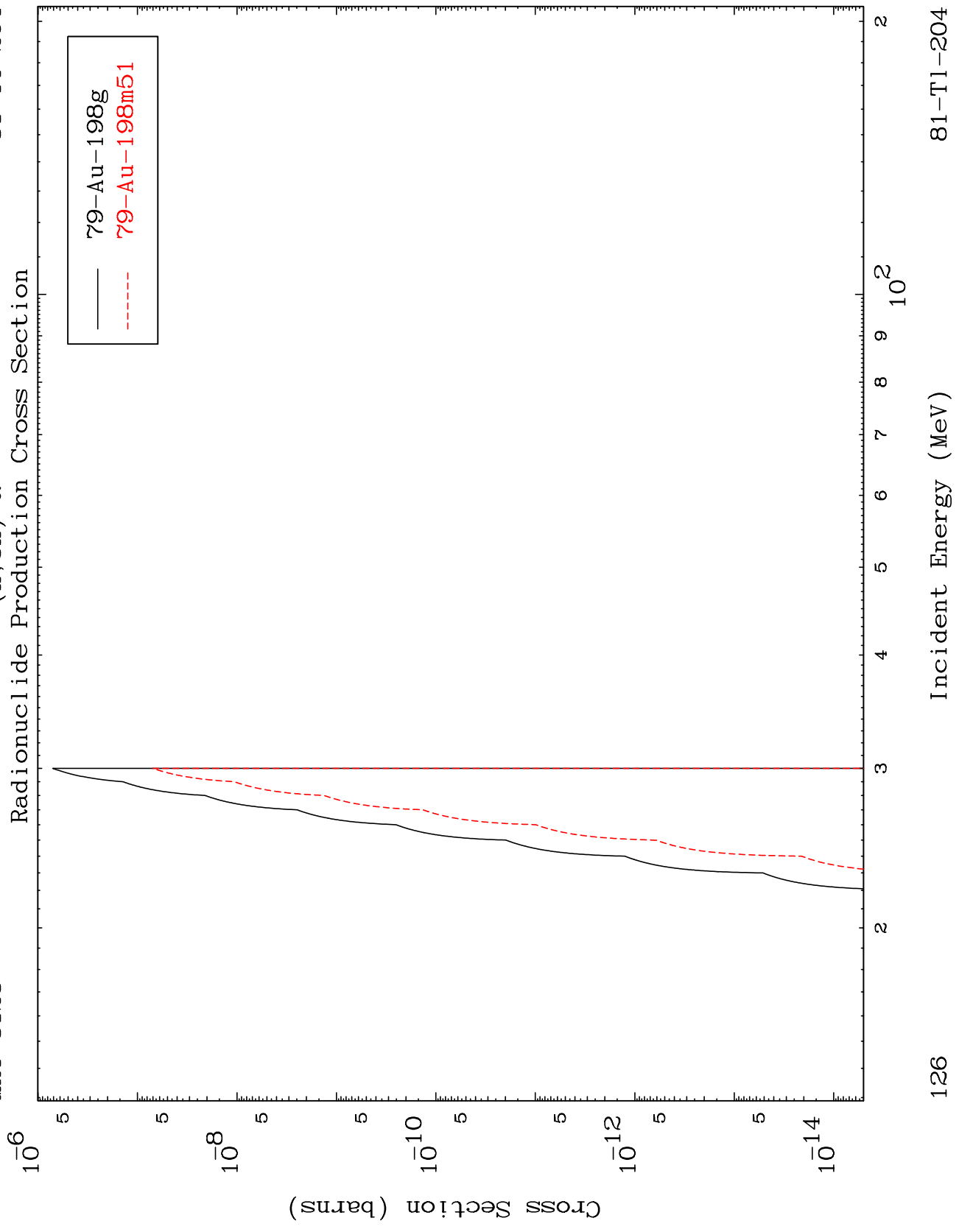
Incident Energy (MeV)

81-Tl-204

MAT 8128

(n,3n) α

81-Tl-204



126

81-Tl-204