

Program EVALPLOT  
(Version 2018-1)

by

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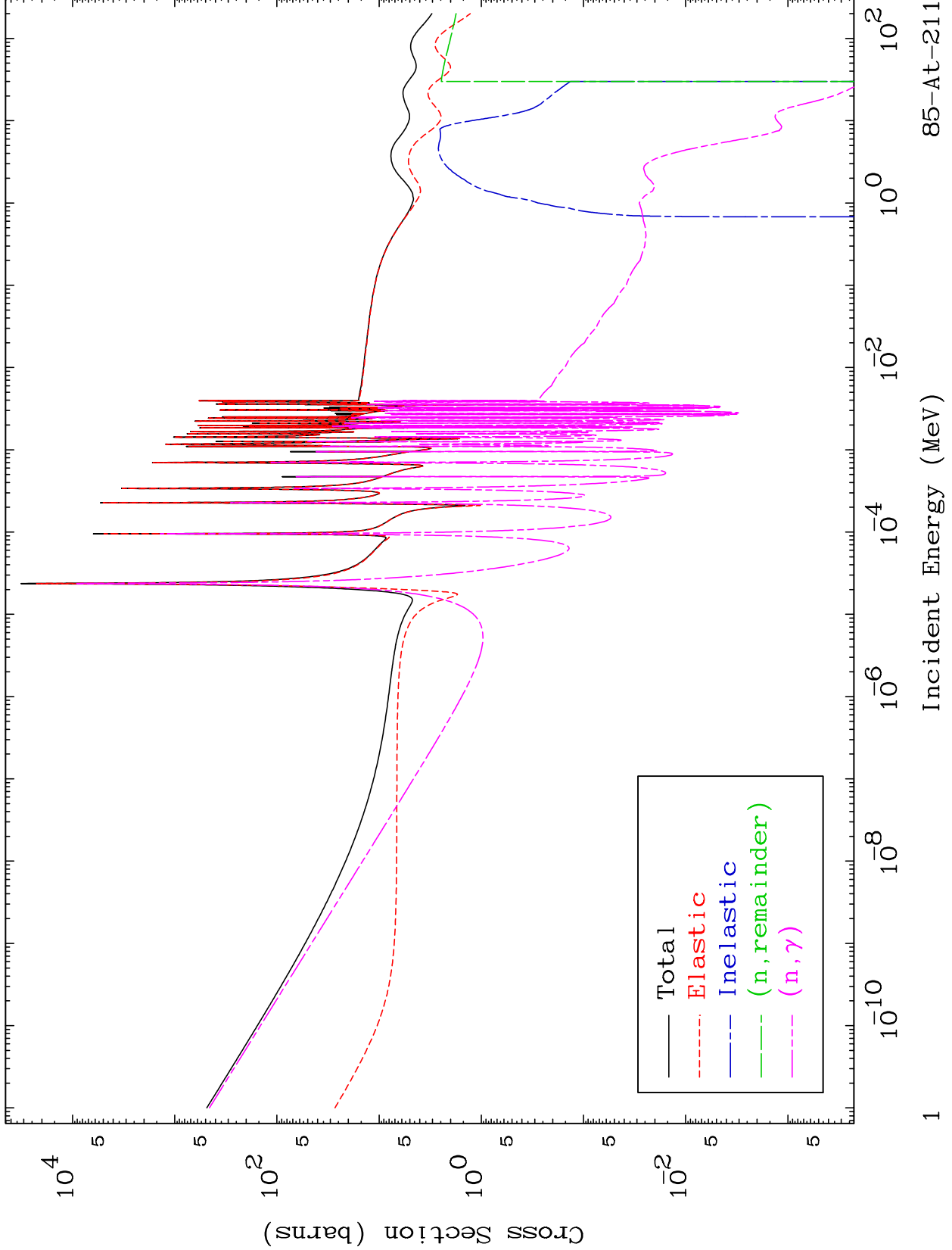
Press Mouse Button to Start

MAT 8549

Major

293 Kelvin Cross Sections

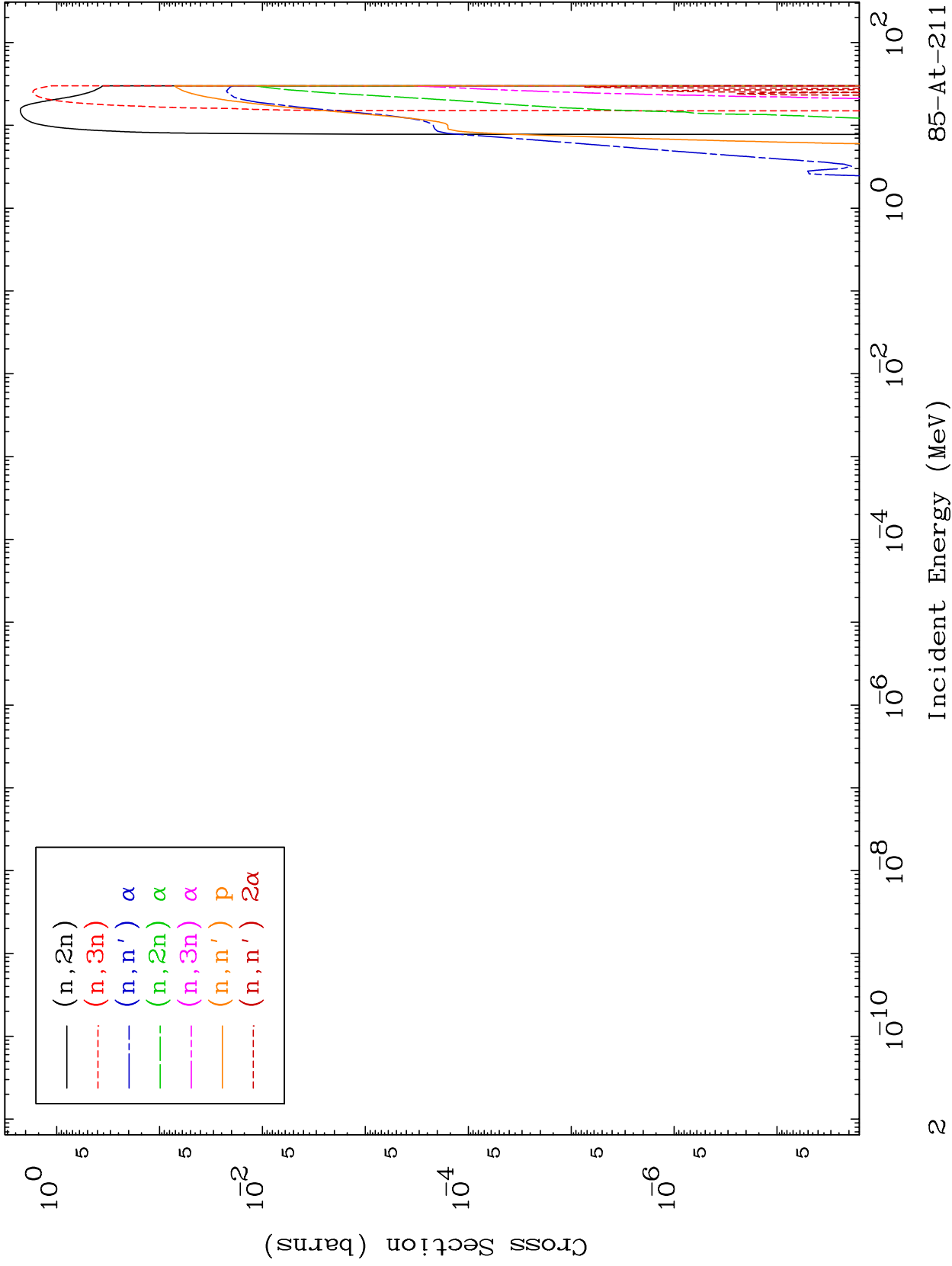
85-At-211

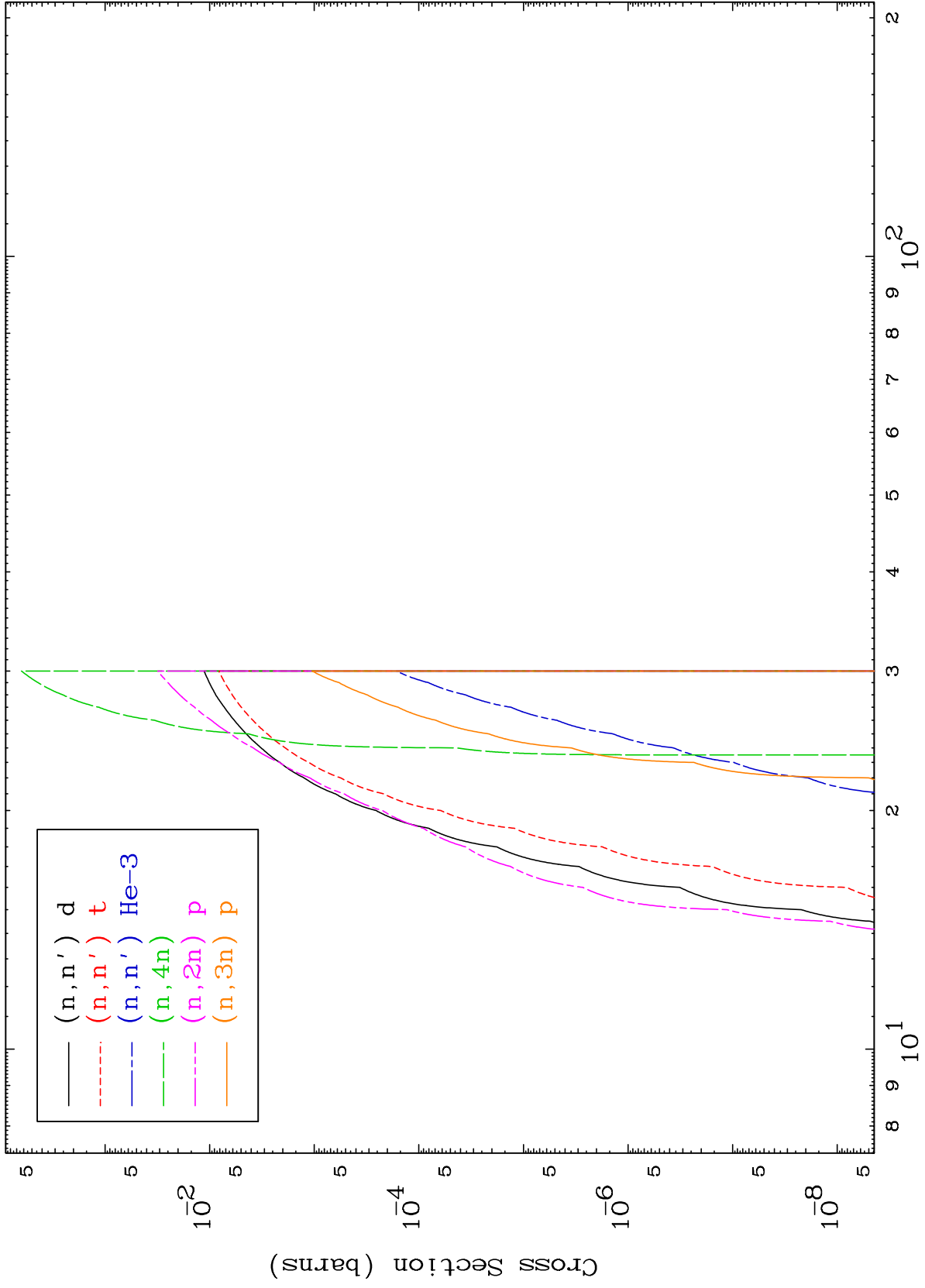


MAT 8549

Neutron Production  
293 Kelvin Cross Sections

85-At-211

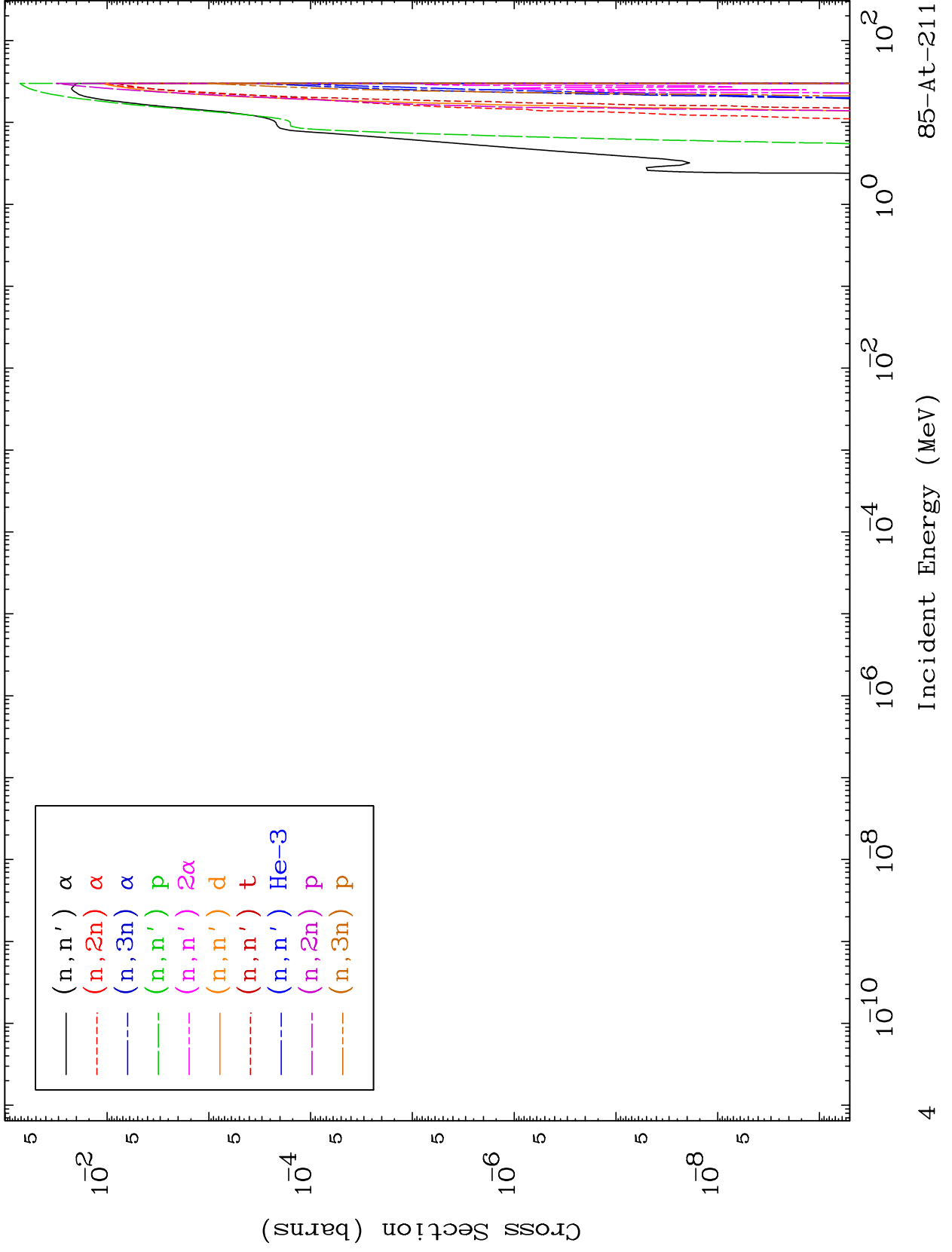




MAT 8549

Charged Particle  
293 Kelvin Cross Sections

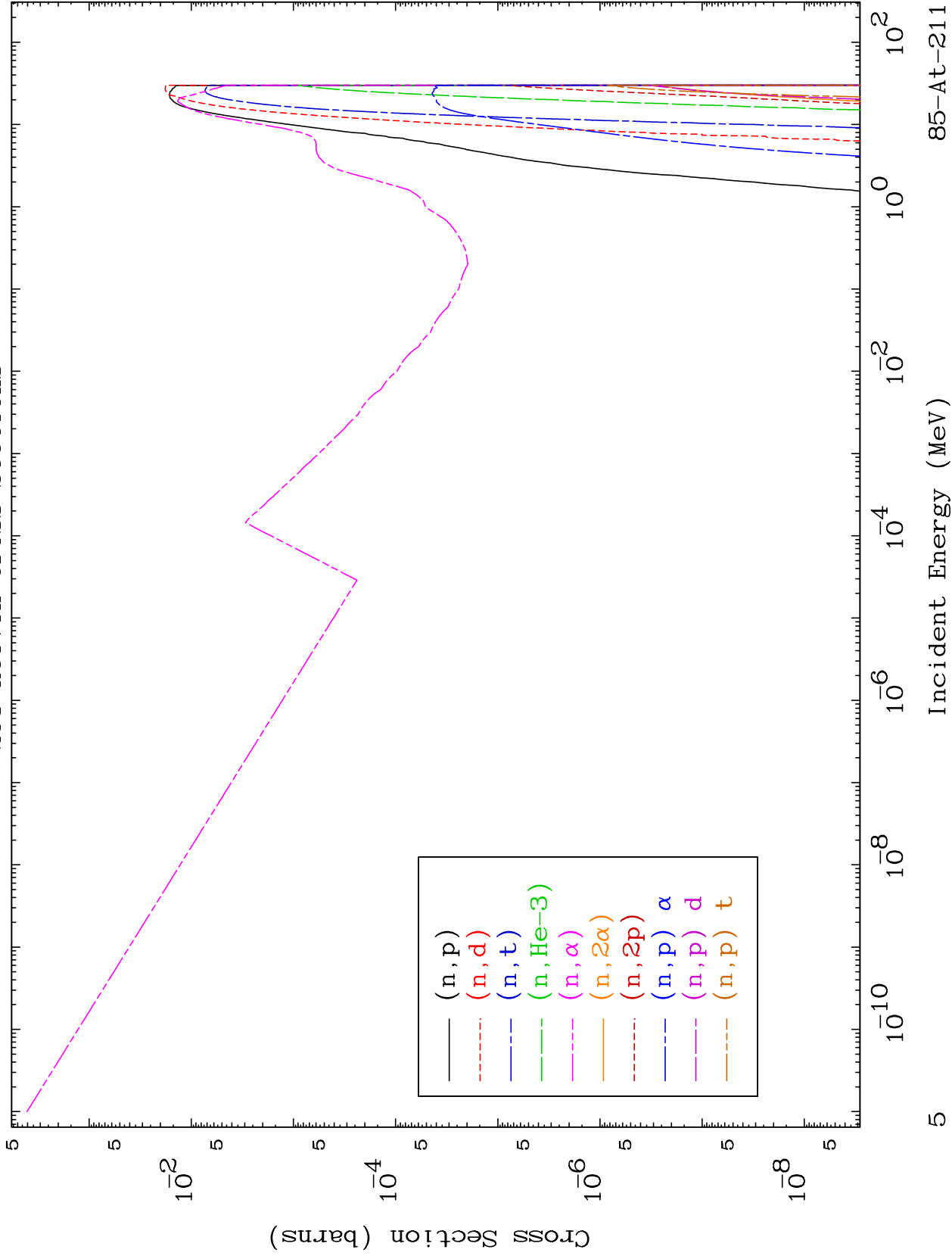
85-At-211



MAT 8549

Charged Particle  
293 Kelvin Cross Sections

85-At-211



5

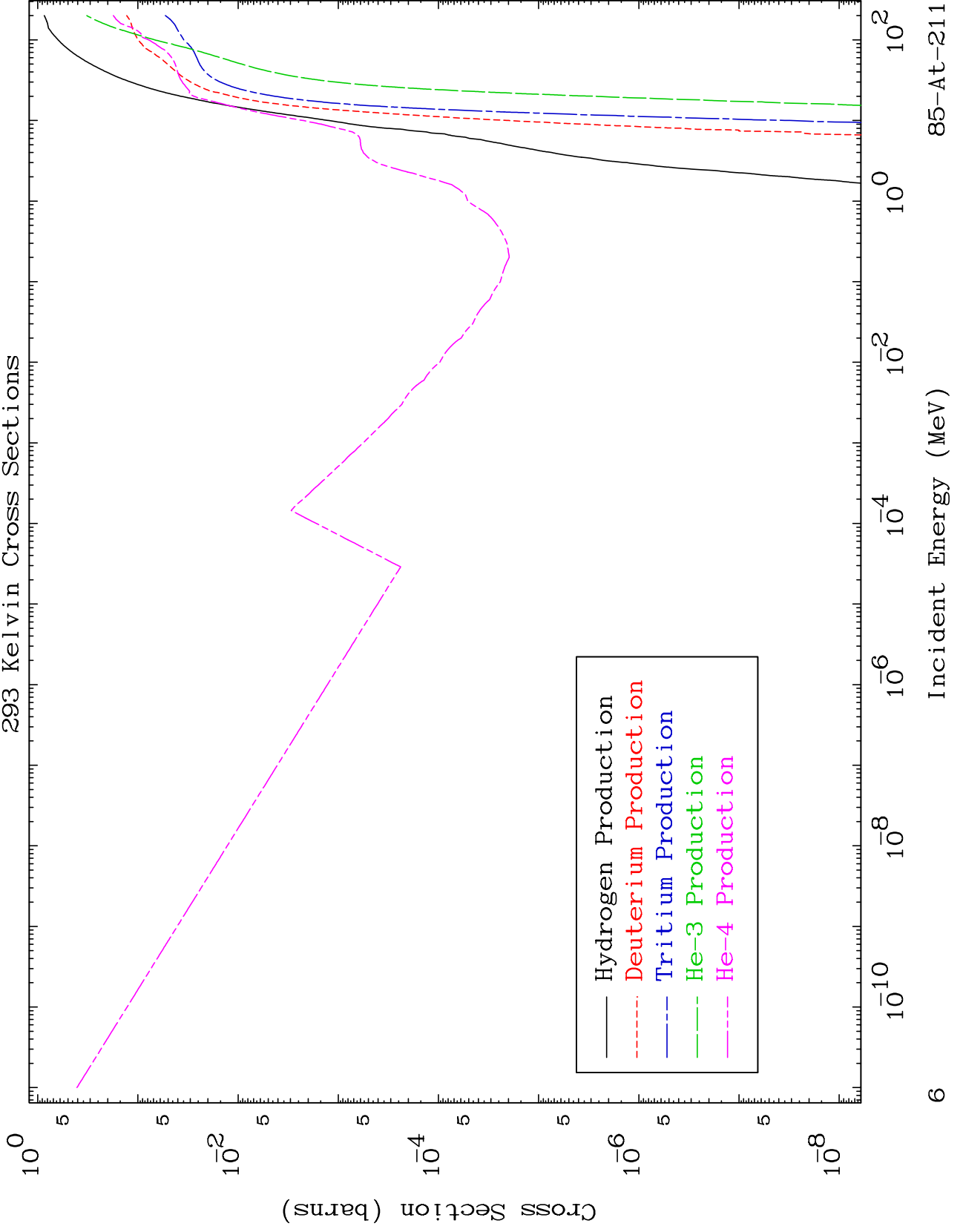
Incident Energy (MeV)

85-At-211

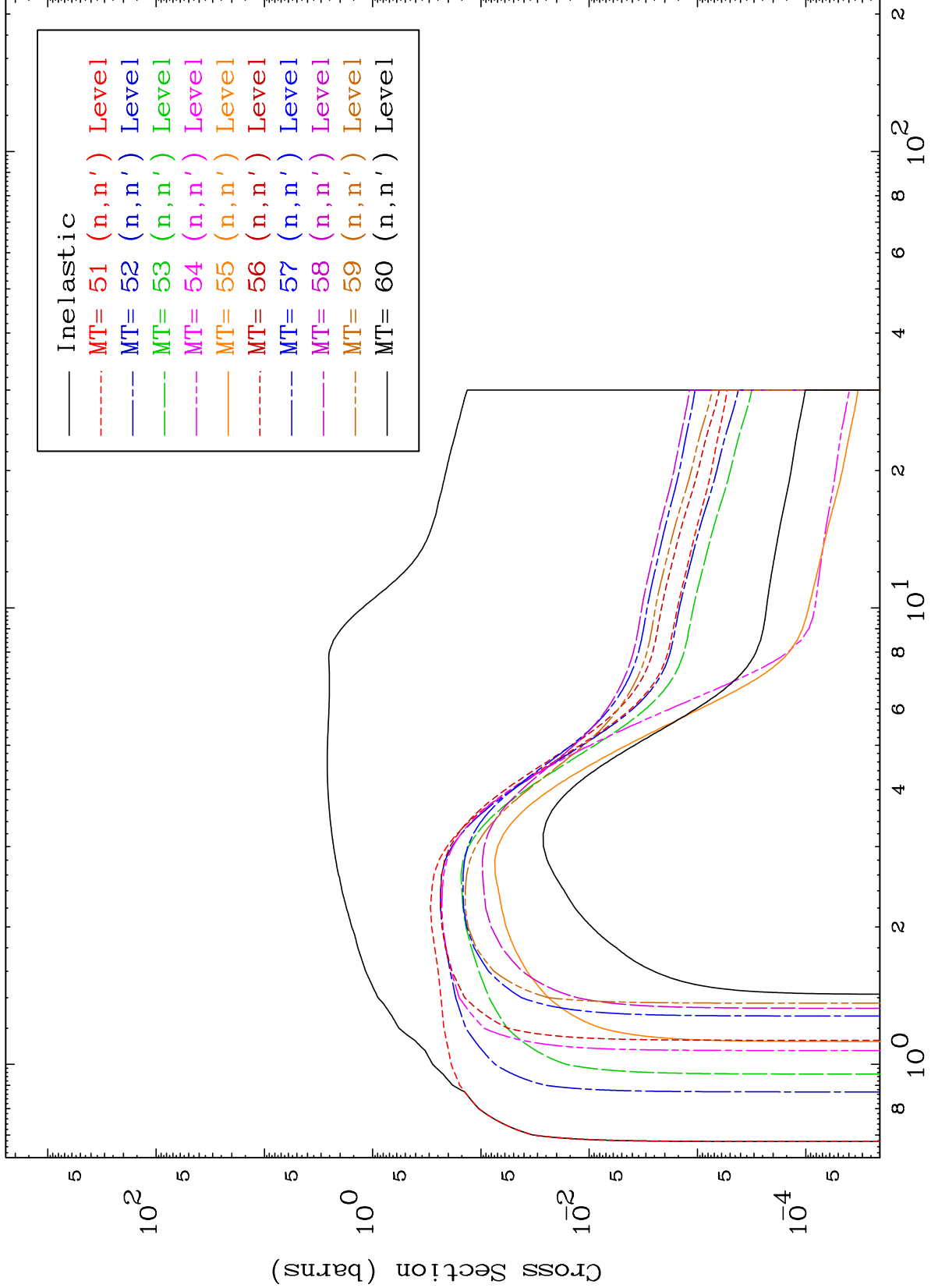
MAT 8549

Particle Production  
293 Kelvin Cross Sections

85-At-211



293 Kelvin Cross Sections



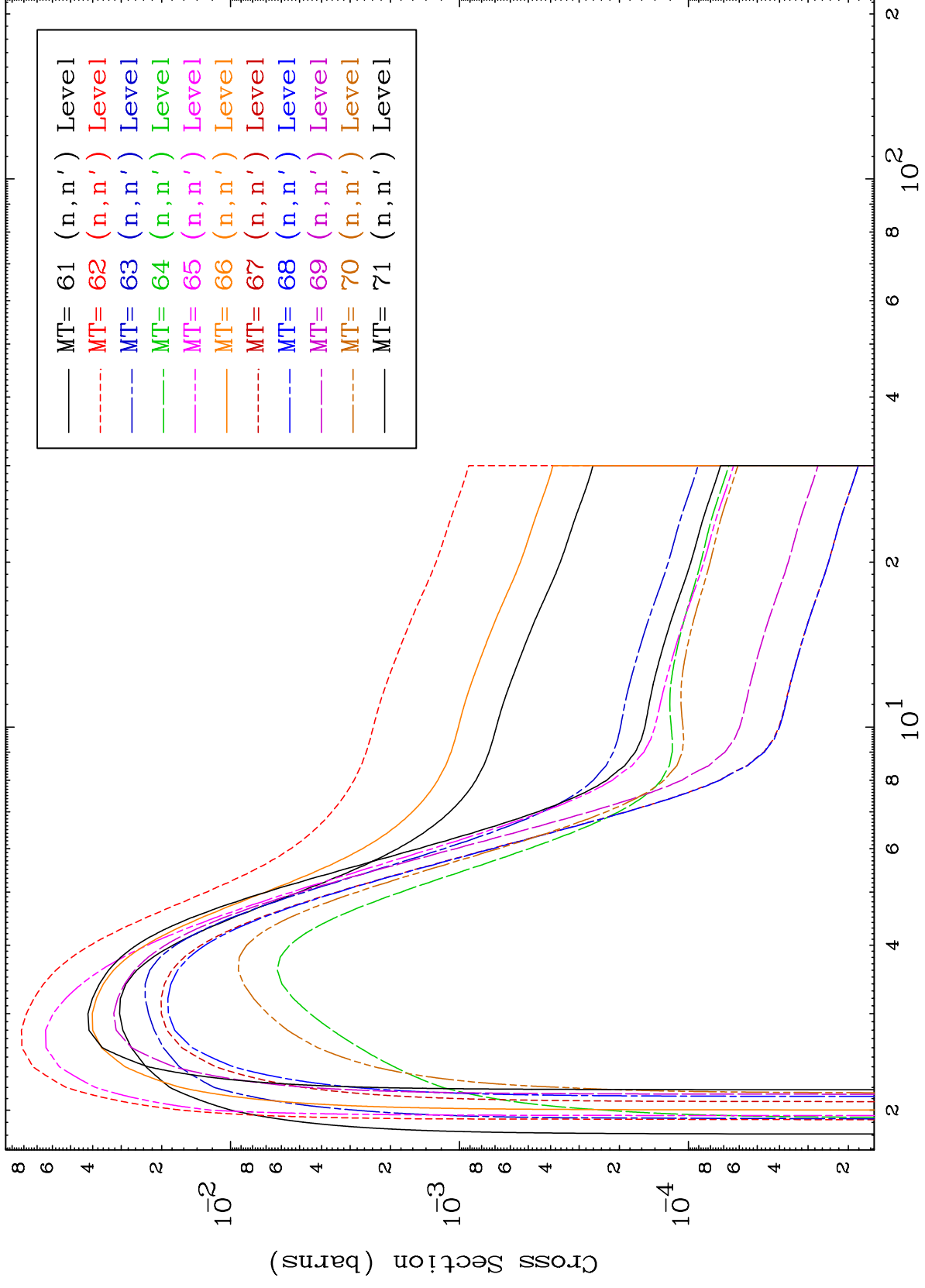


MAT 8549

(n,n') Level

85-At-211

293 Kelvin Cross Sections

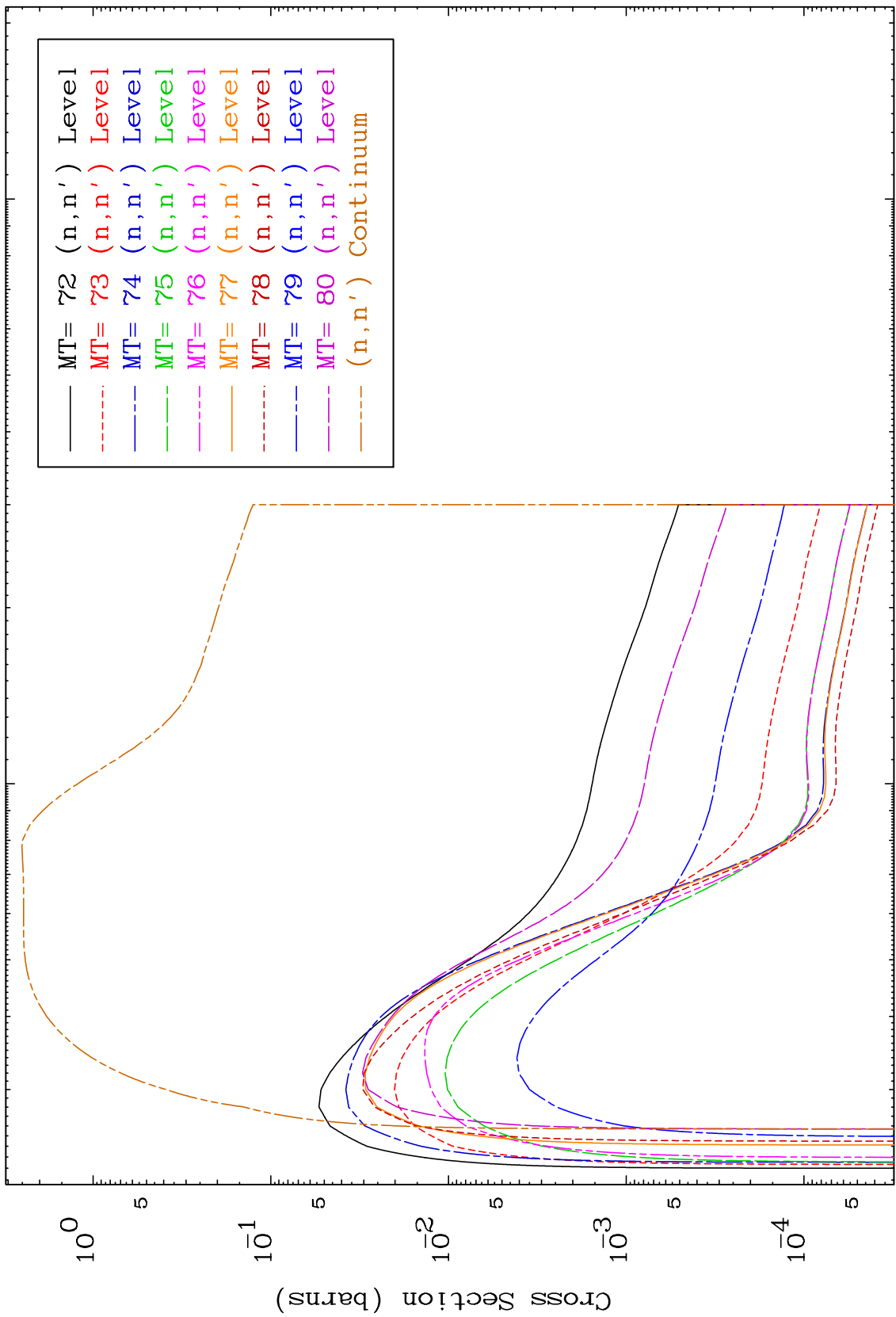


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Incident Energy (MeV)

85-At-211

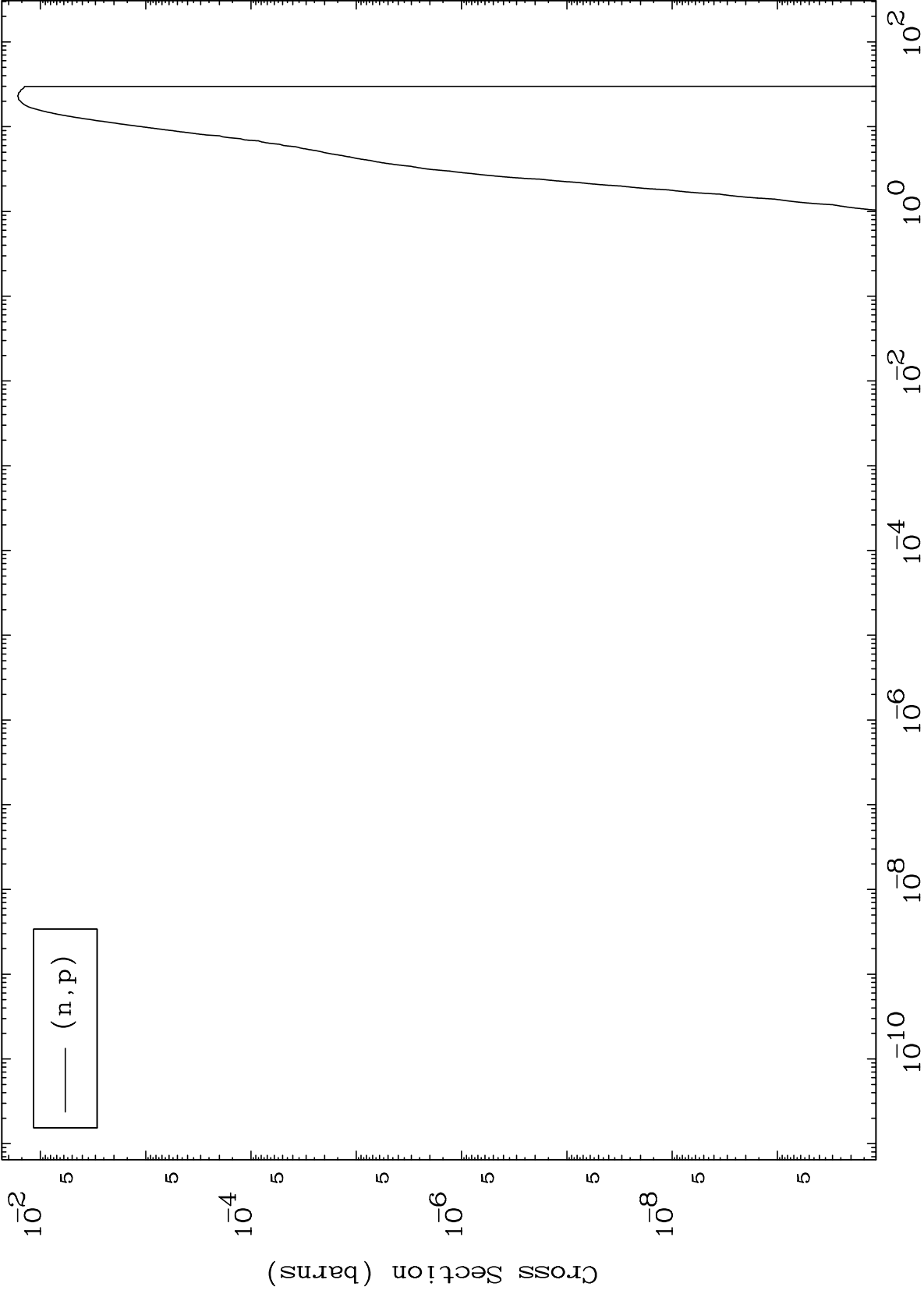
293 Kelvin Cross Sections



MAT 8549

(n,p) Levels  
293 Kelvin Cross Sections

85-At-211



(n,p)

10

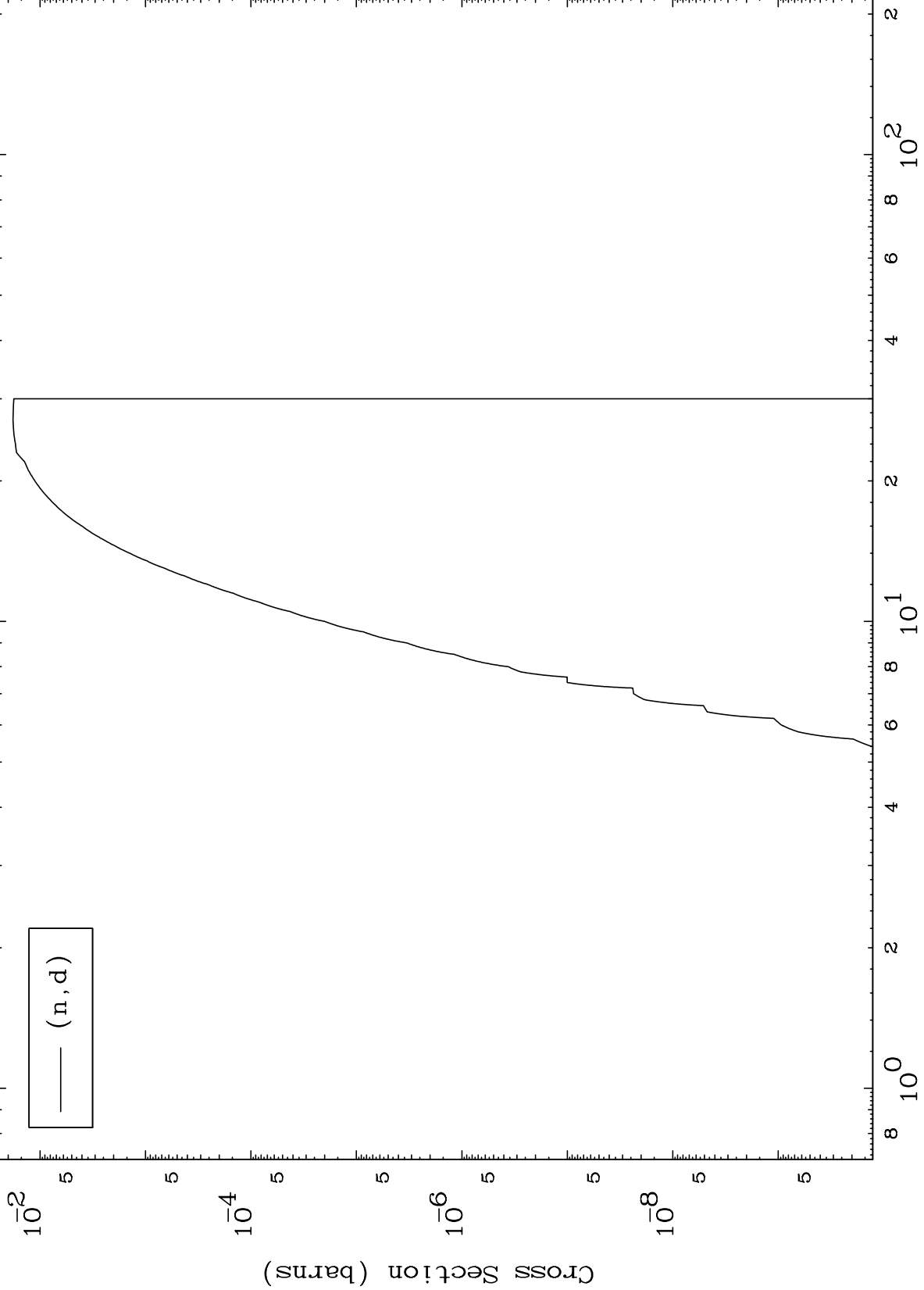
Incident Energy (MeV)

85-At-211

MAT 8549

(n,d) Levels  
293 Kelvin Cross Sections

85-At-211



11

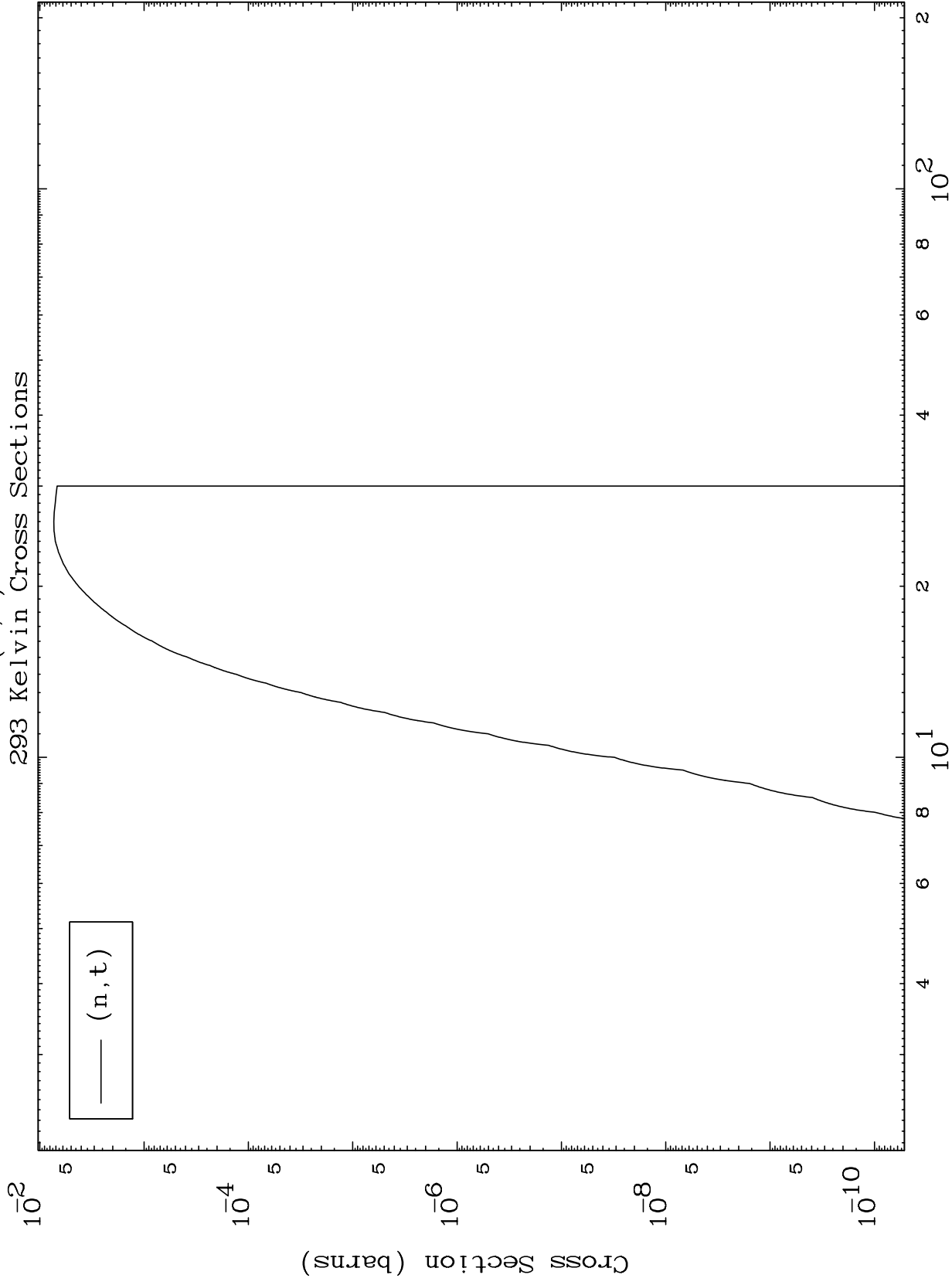
Incident Energy (MeV)

85-At-211

MAT 8549

(n,t) Levels  
293 Kelvin Cross Sections

85-At-211



12

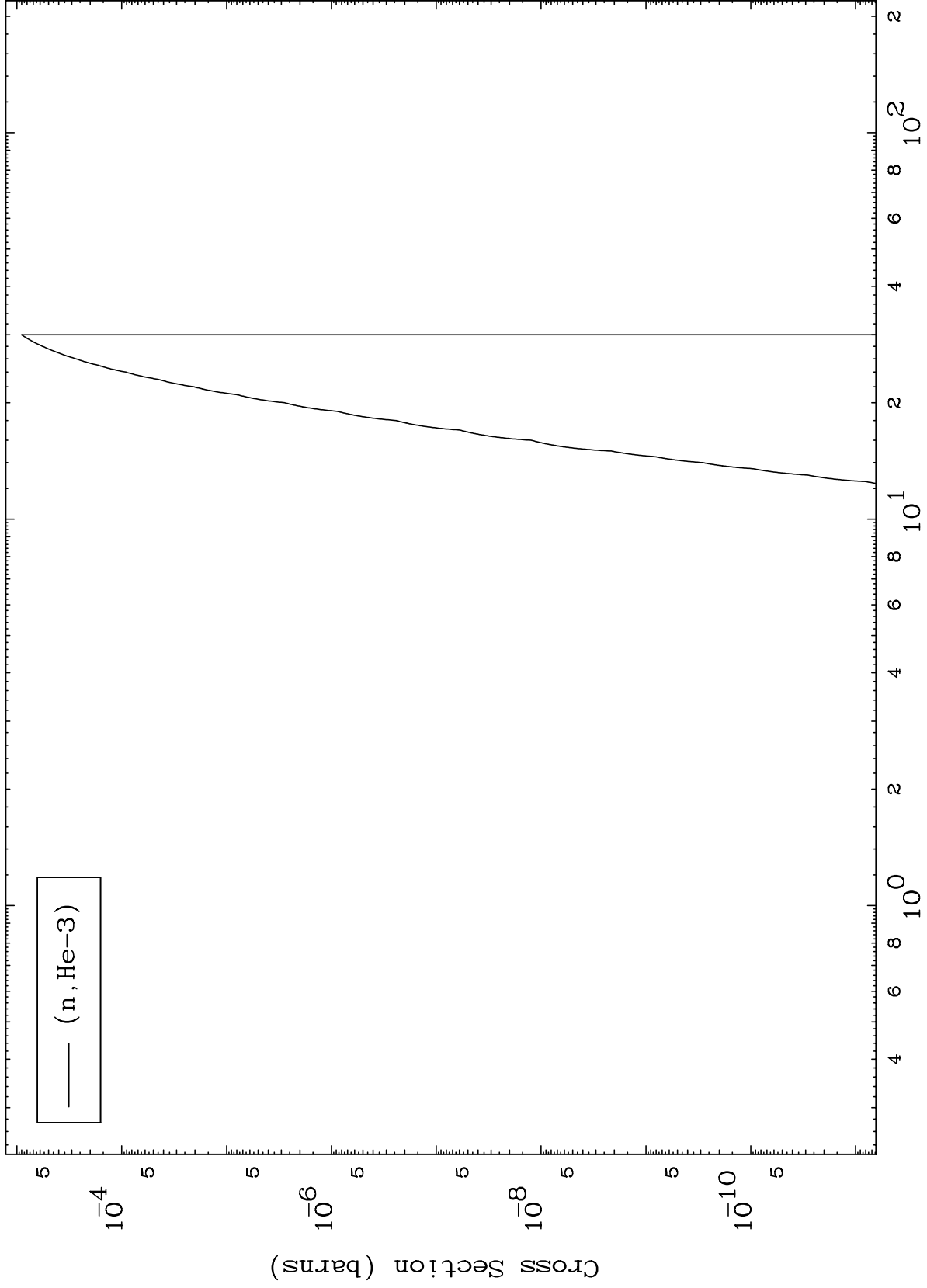
Incident Energy (MeV)

85-At-211

MAT 8549

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-211



13

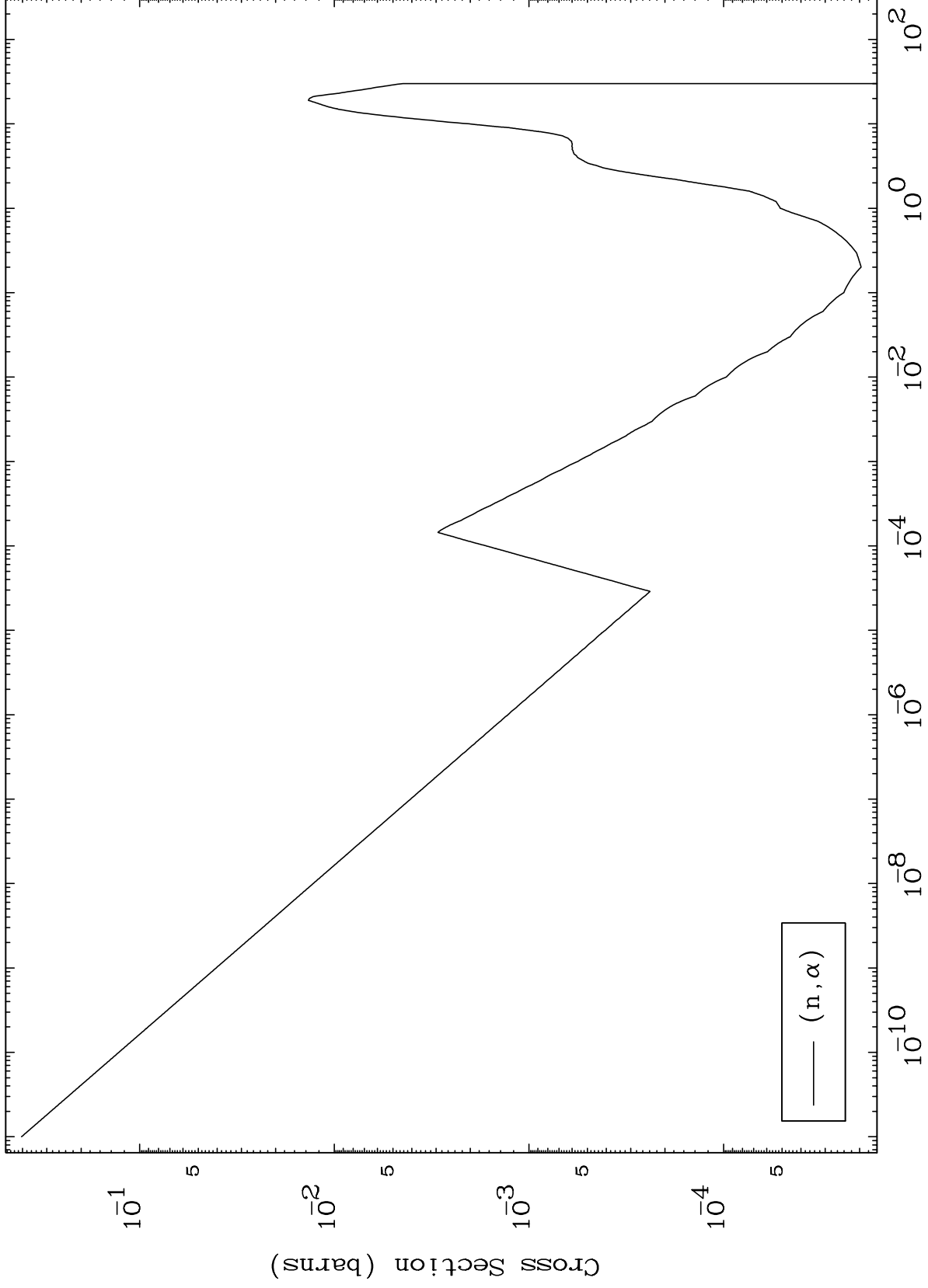
Incident Energy (MeV)

85-At-211

MAT 8549

(n,α) Levels  
293 Kelvin Cross Sections

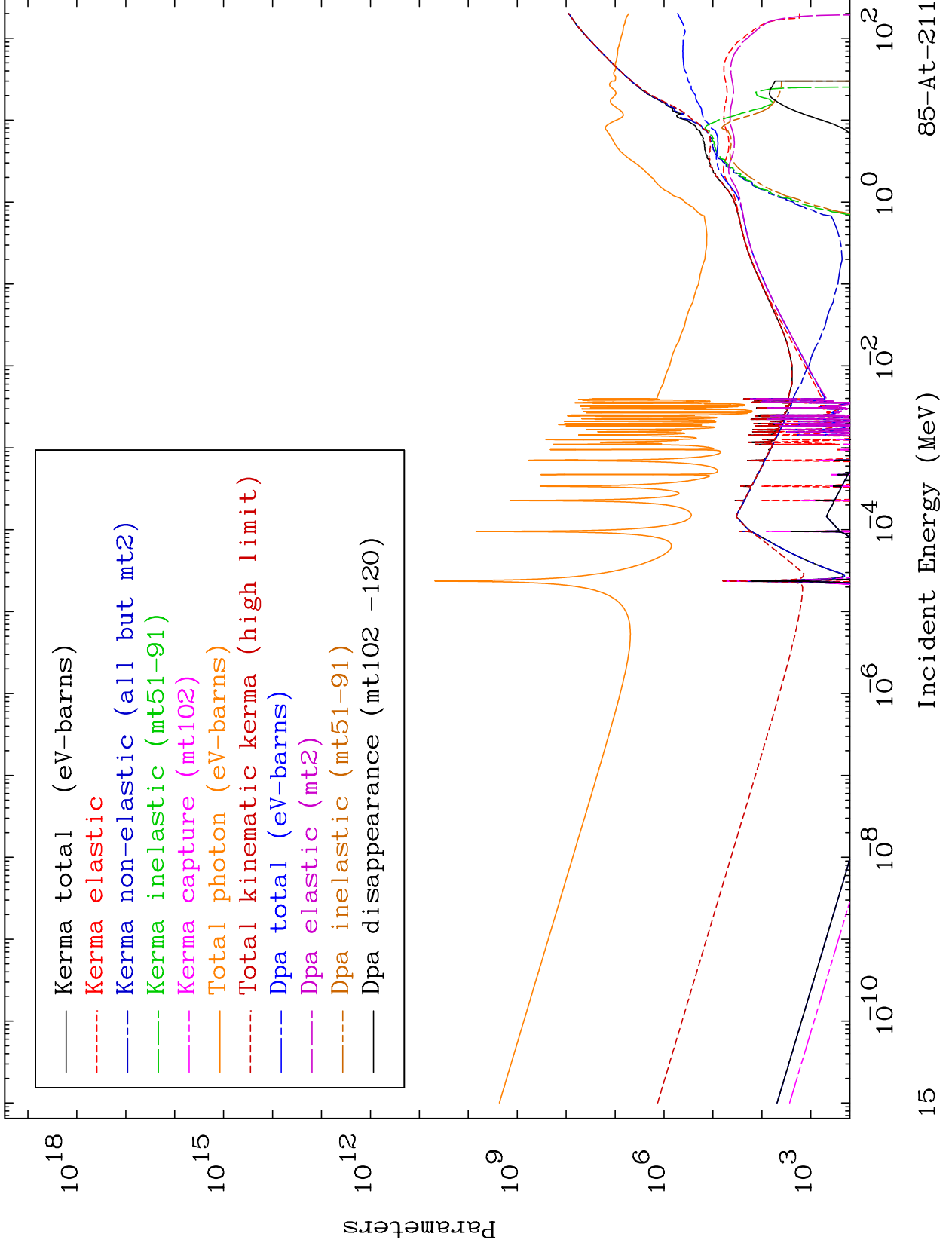
85-At-211



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Incident Energy (MeV)

85-At-211

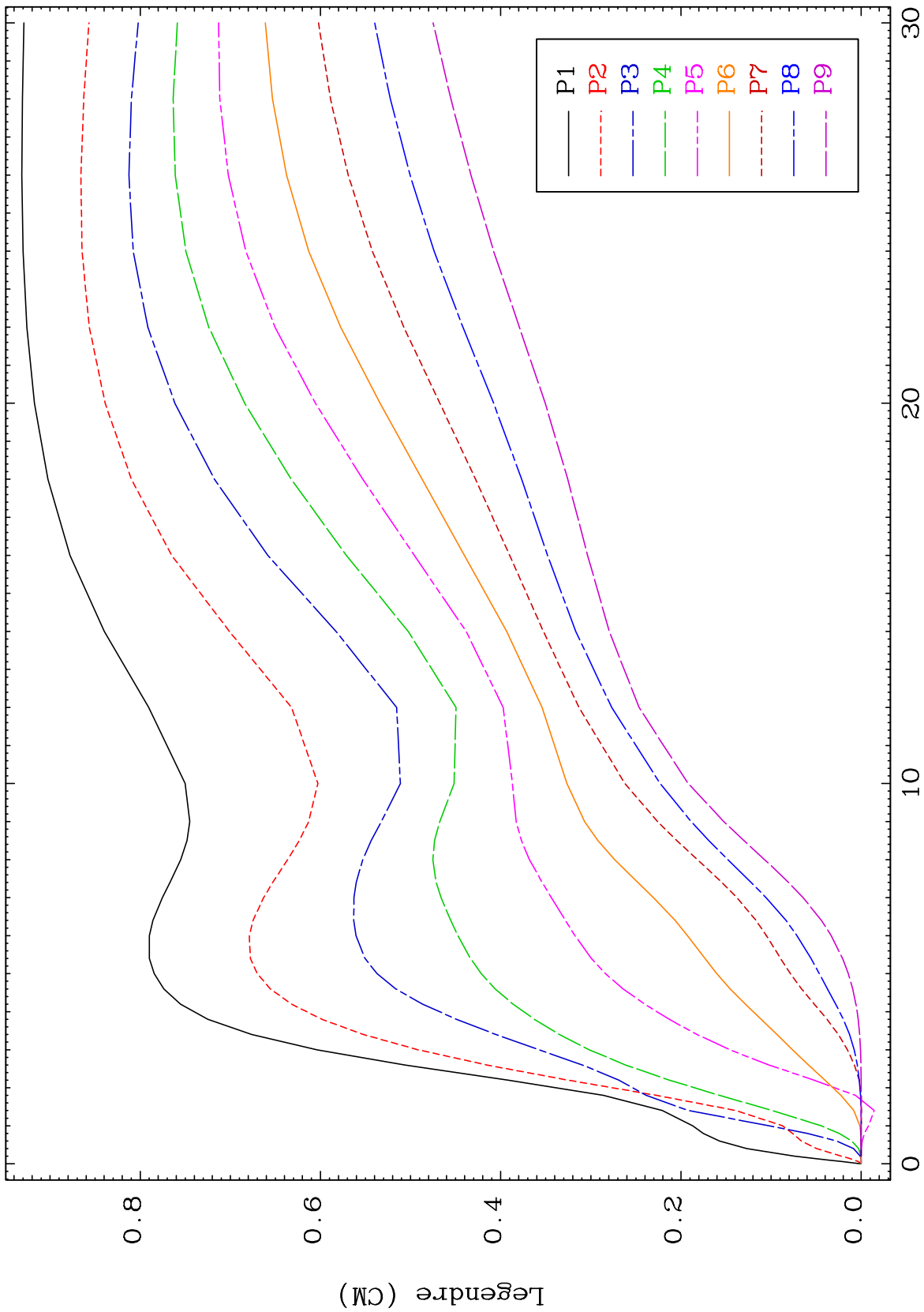




MAT 8549

85-At-211

Elastic Legendre Coefficients



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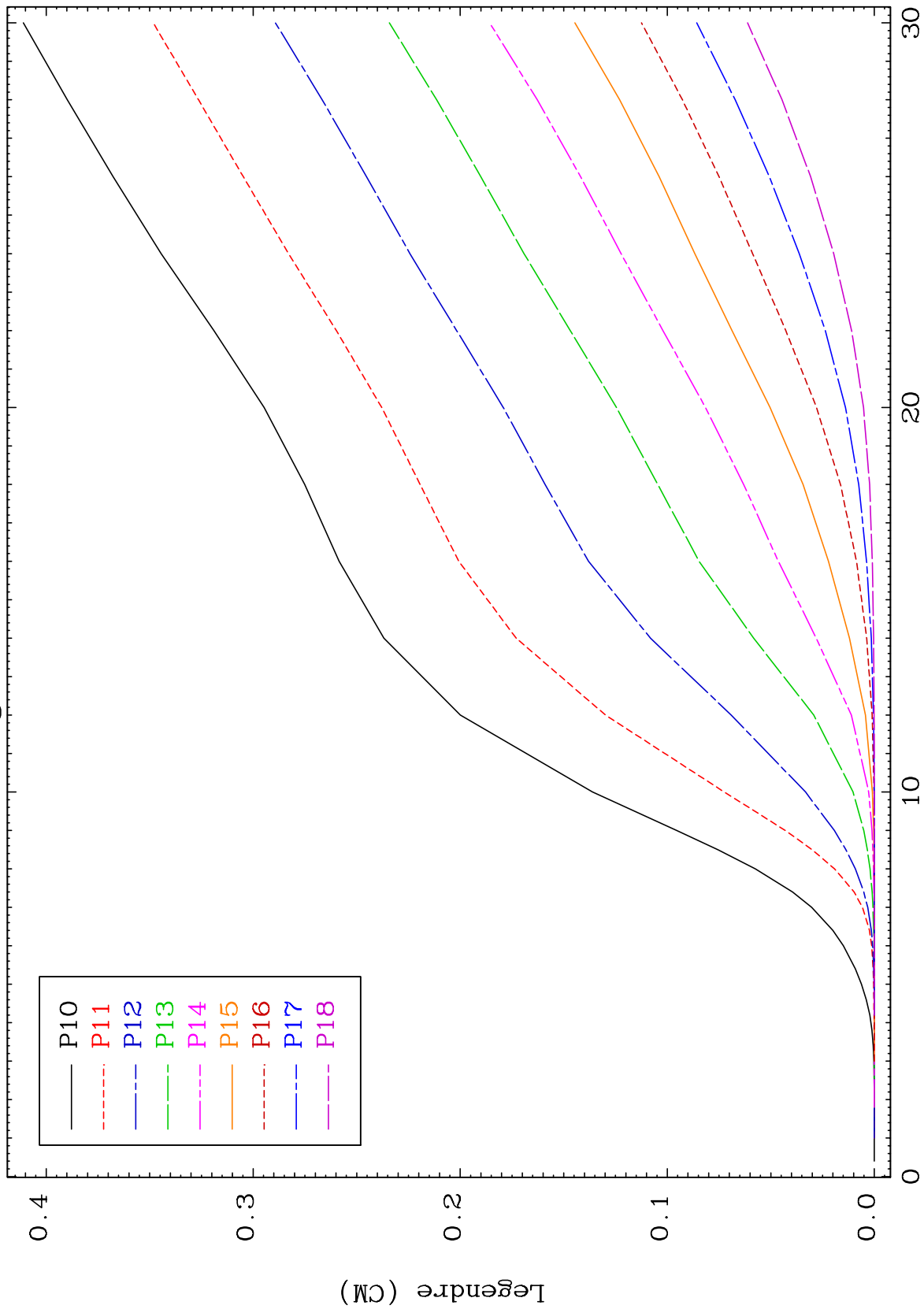
Incident Energy (MeV)

85-At-211

MAT 8549

Elastic Legendre Coefficients

85-At-211



17

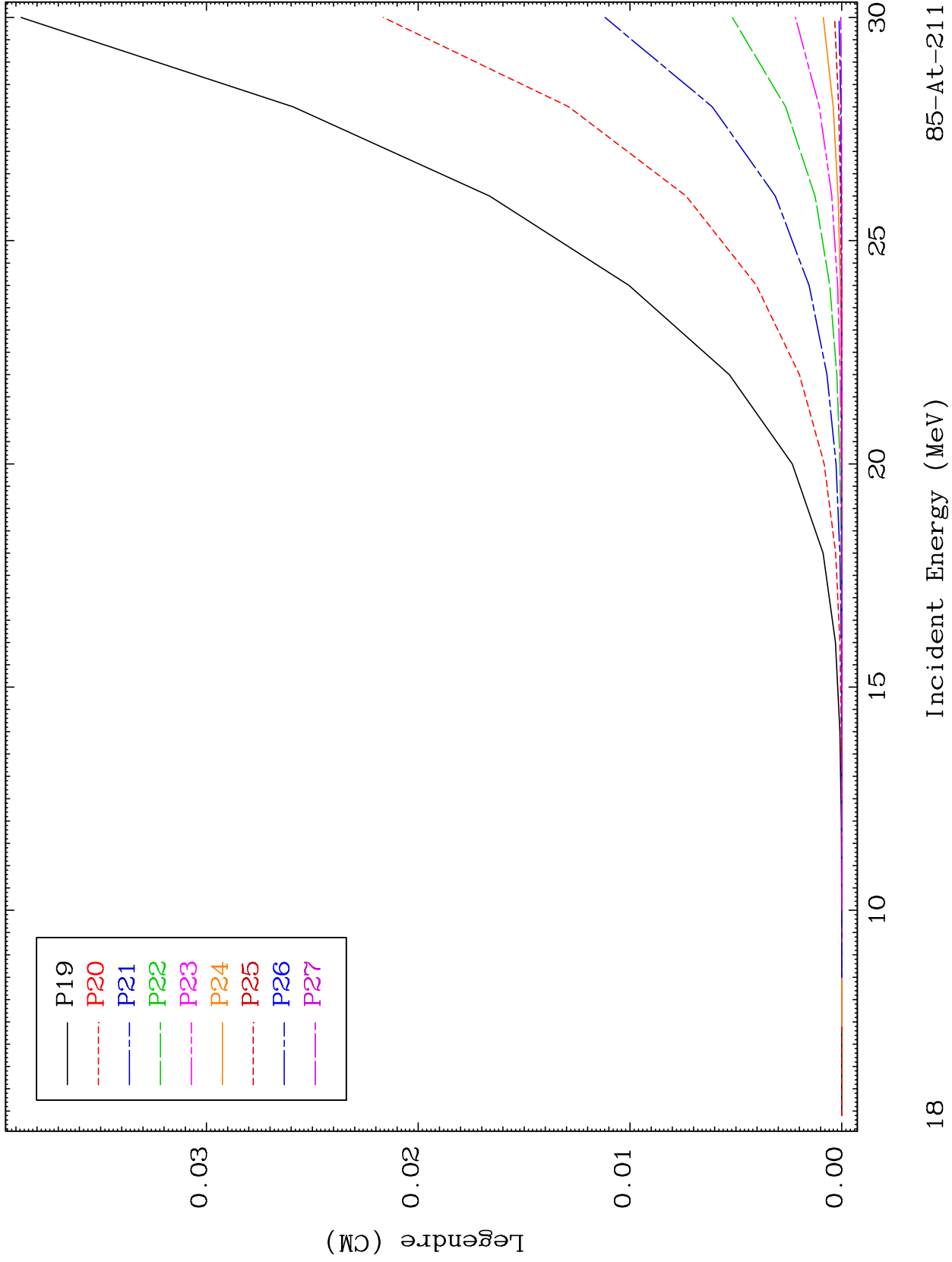
Incident Energy (MeV)

85-At-211

MAT 8549

### Elastic Legendre Coefficients

85-At-211



18

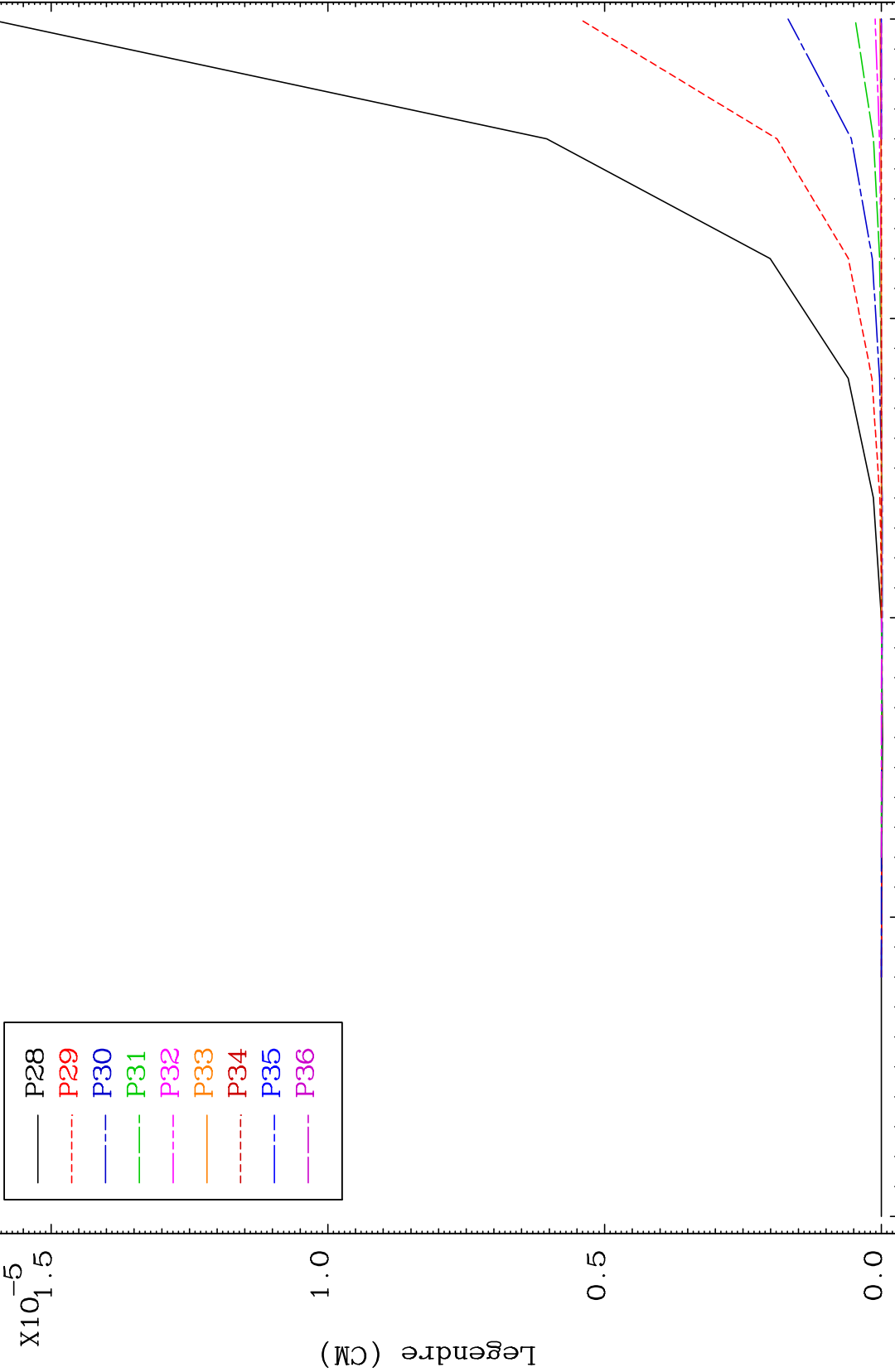
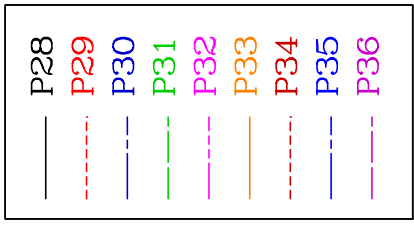
Incident Energy (MeV)

85-At-211

MAT 8549

Elastic Legendre Coefficients

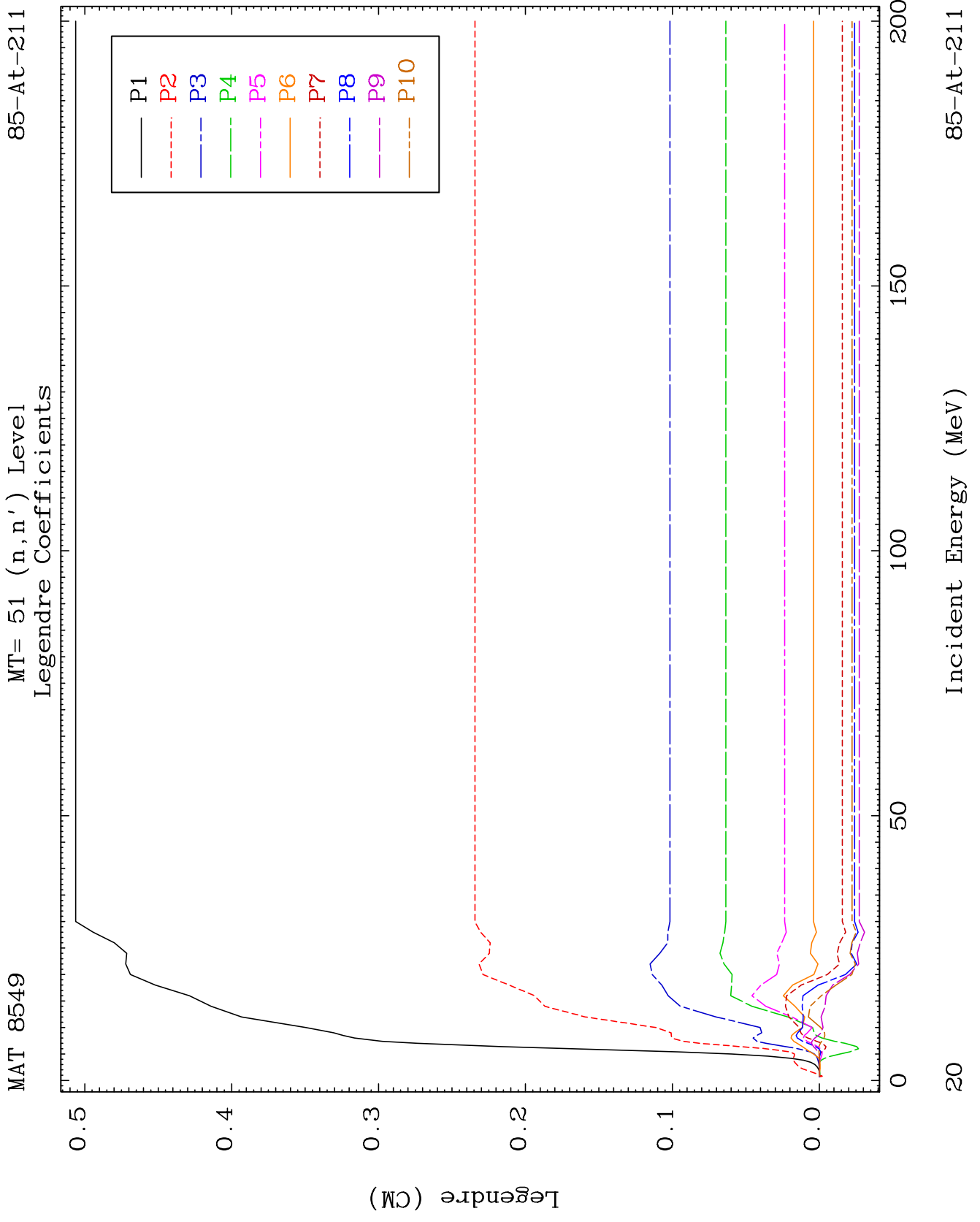
85-At-211



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Incident Energy (MeV)

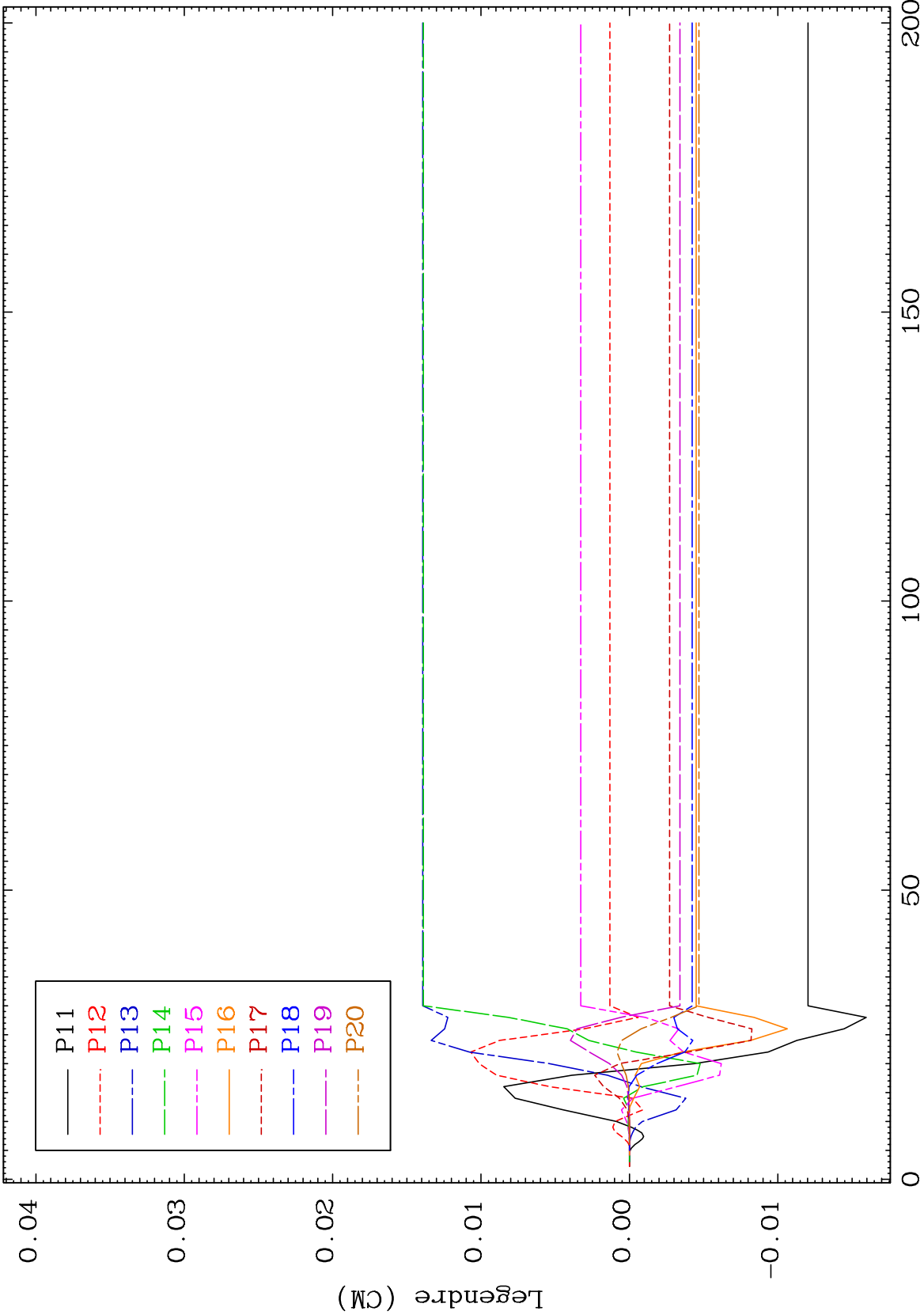
85-At-211



MAT 8549

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

85-At-211



21

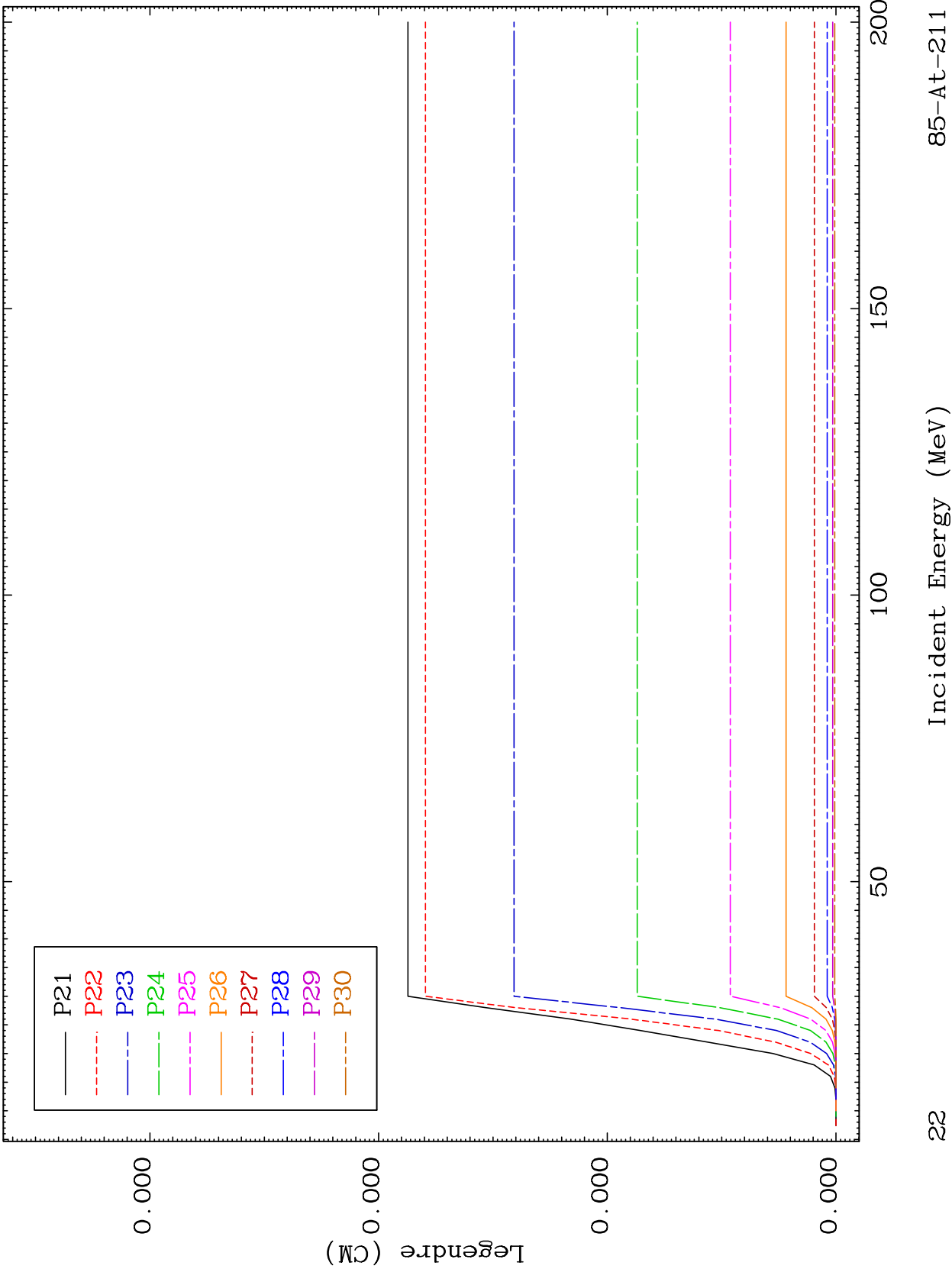
Incident Energy (MeV)

85-At-211

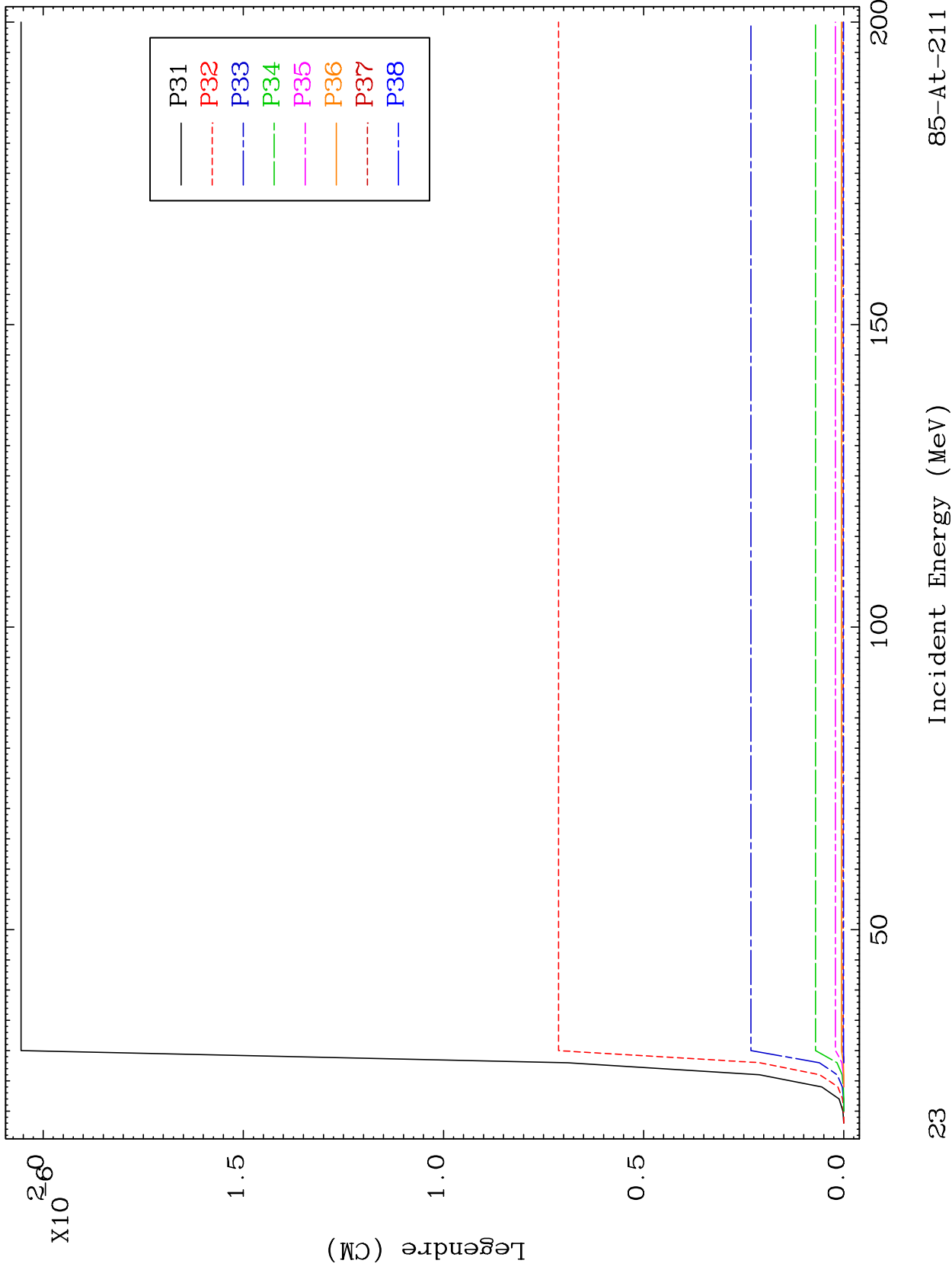
MAT 8549

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

85-At-211



22

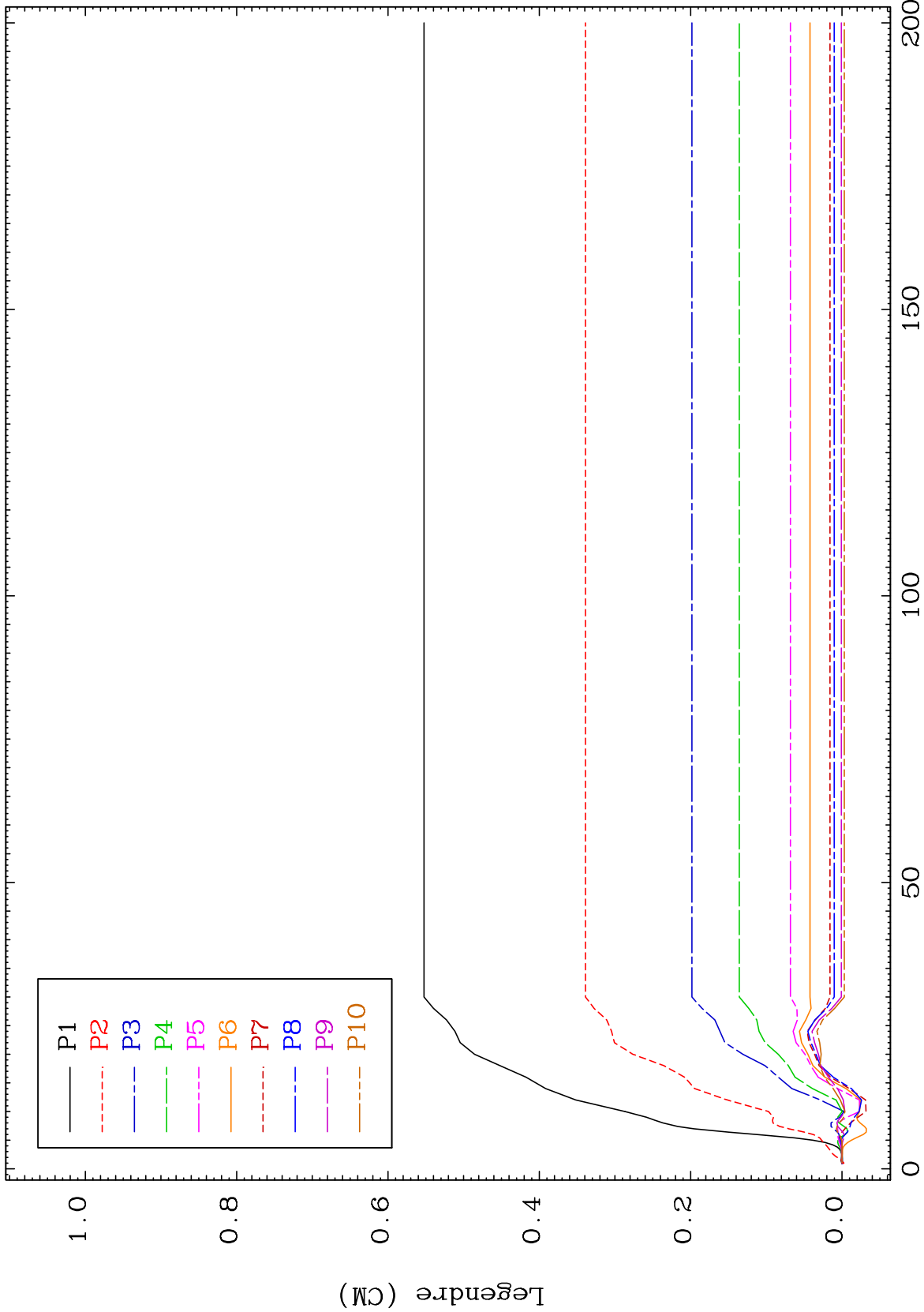




MAT 8549

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

85-At-211



24

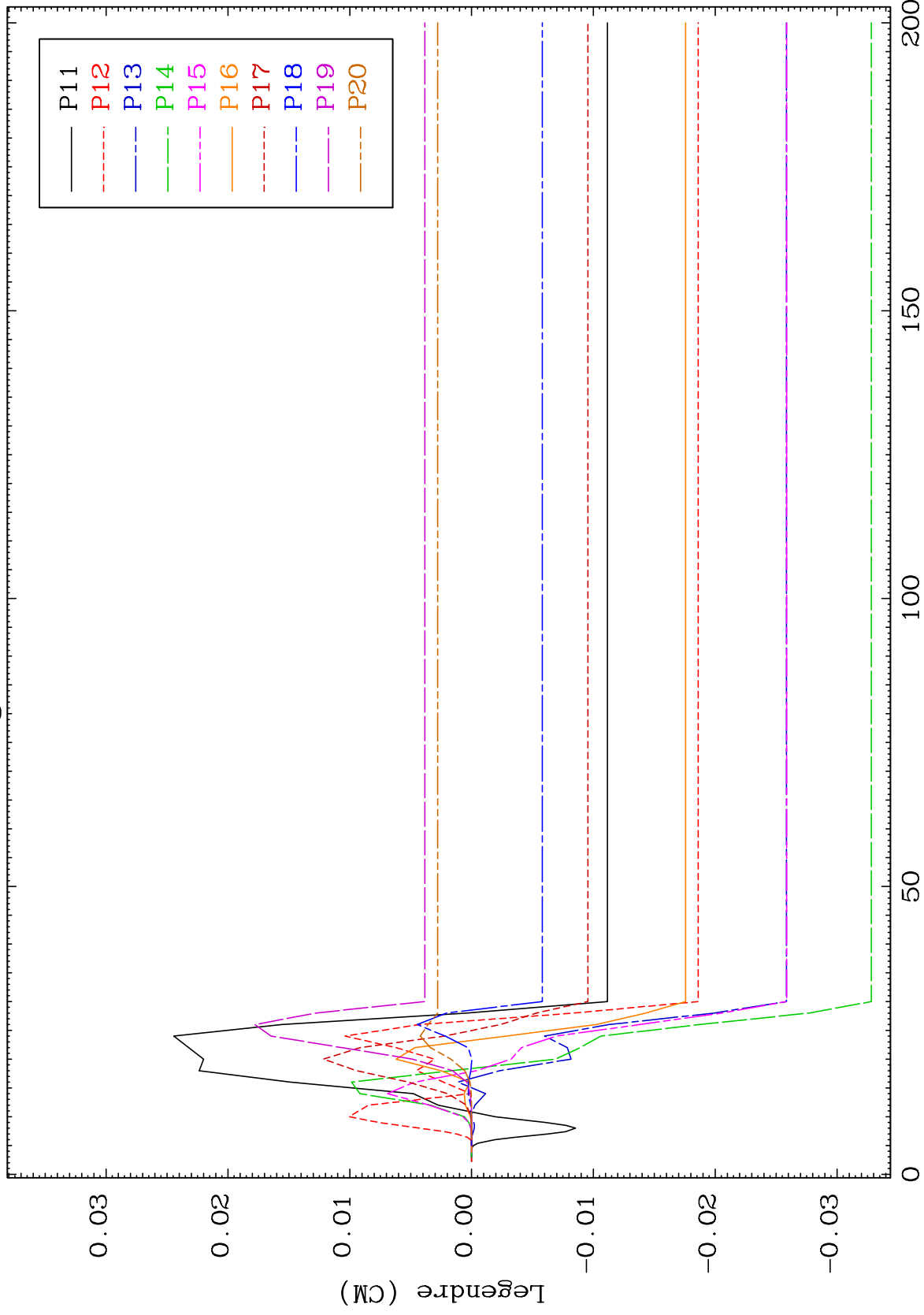
Incident Energy (MeV)

85-At-211

MAT 8549

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

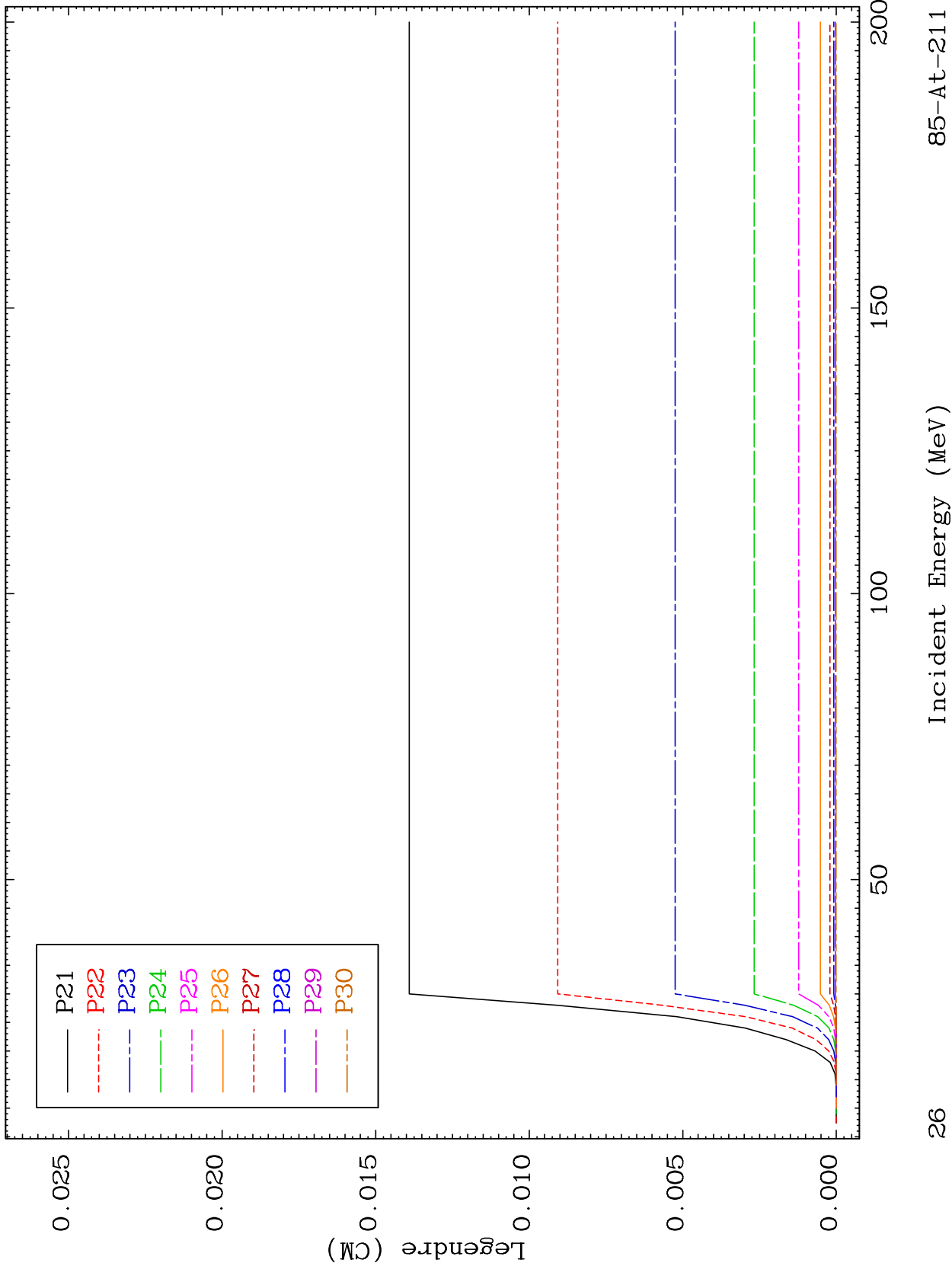
85-At-211



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Incident Energy (MeV)

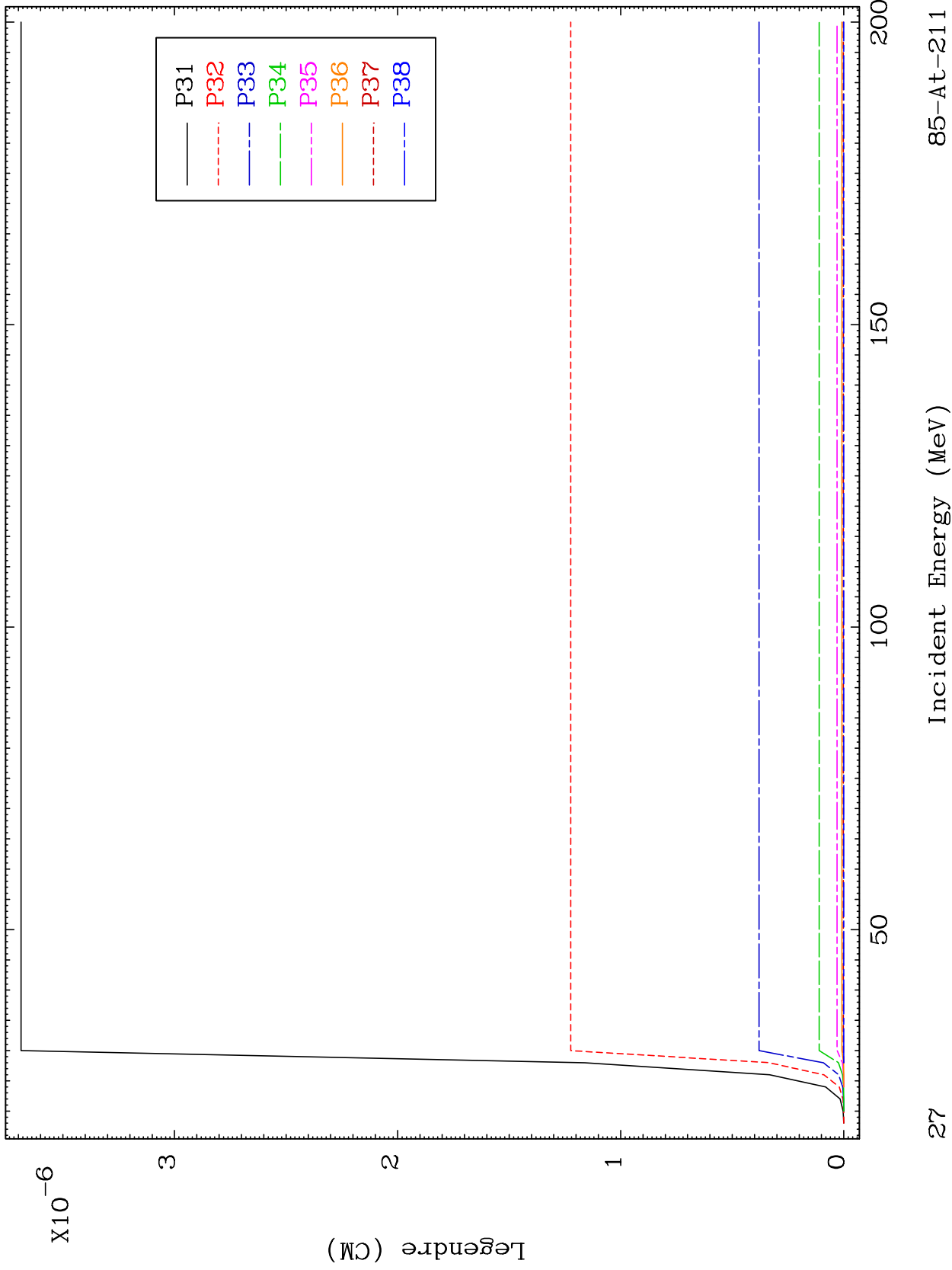
85-At-211



MAT 8549

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

85-At-211



27

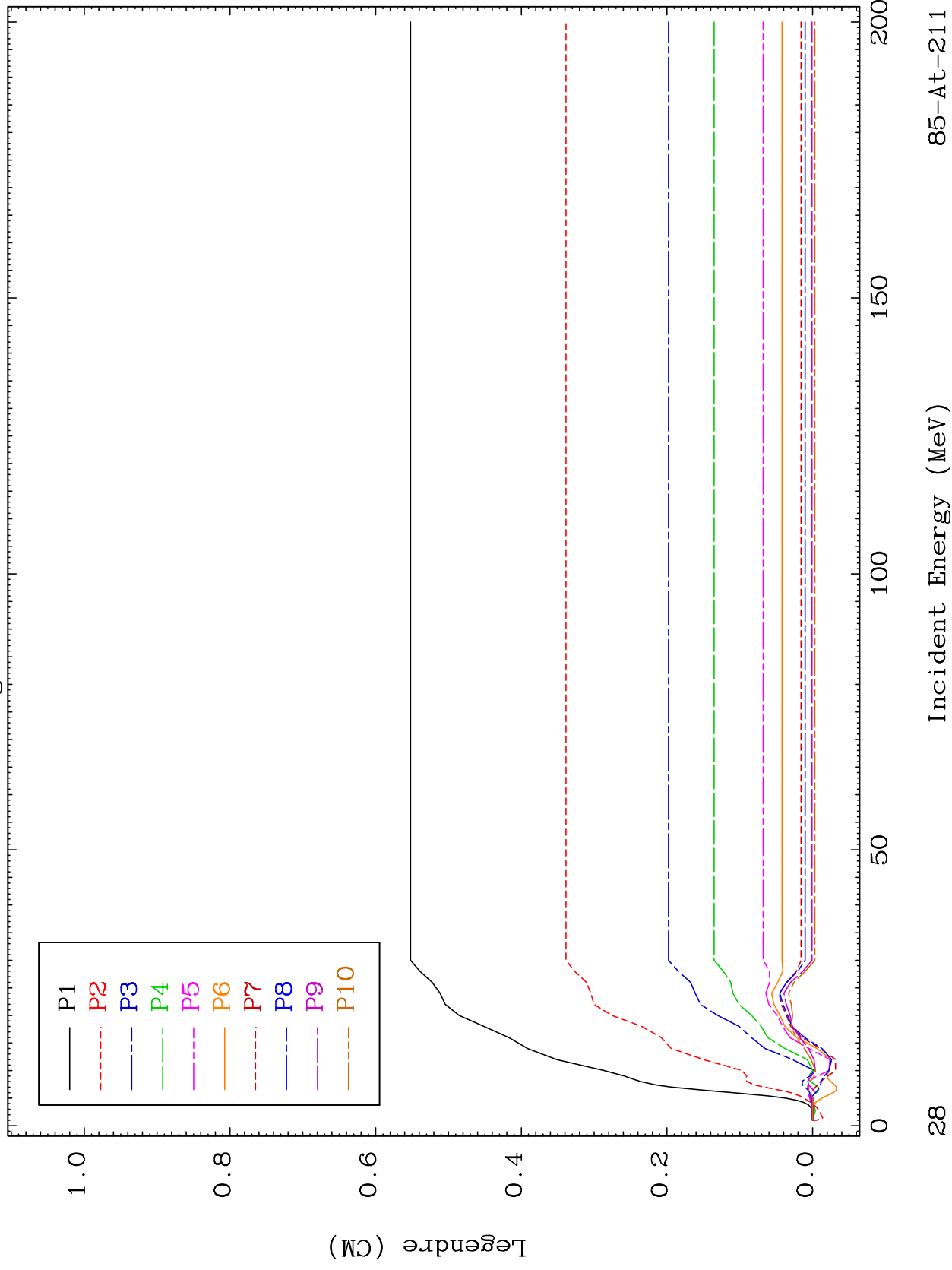
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



28

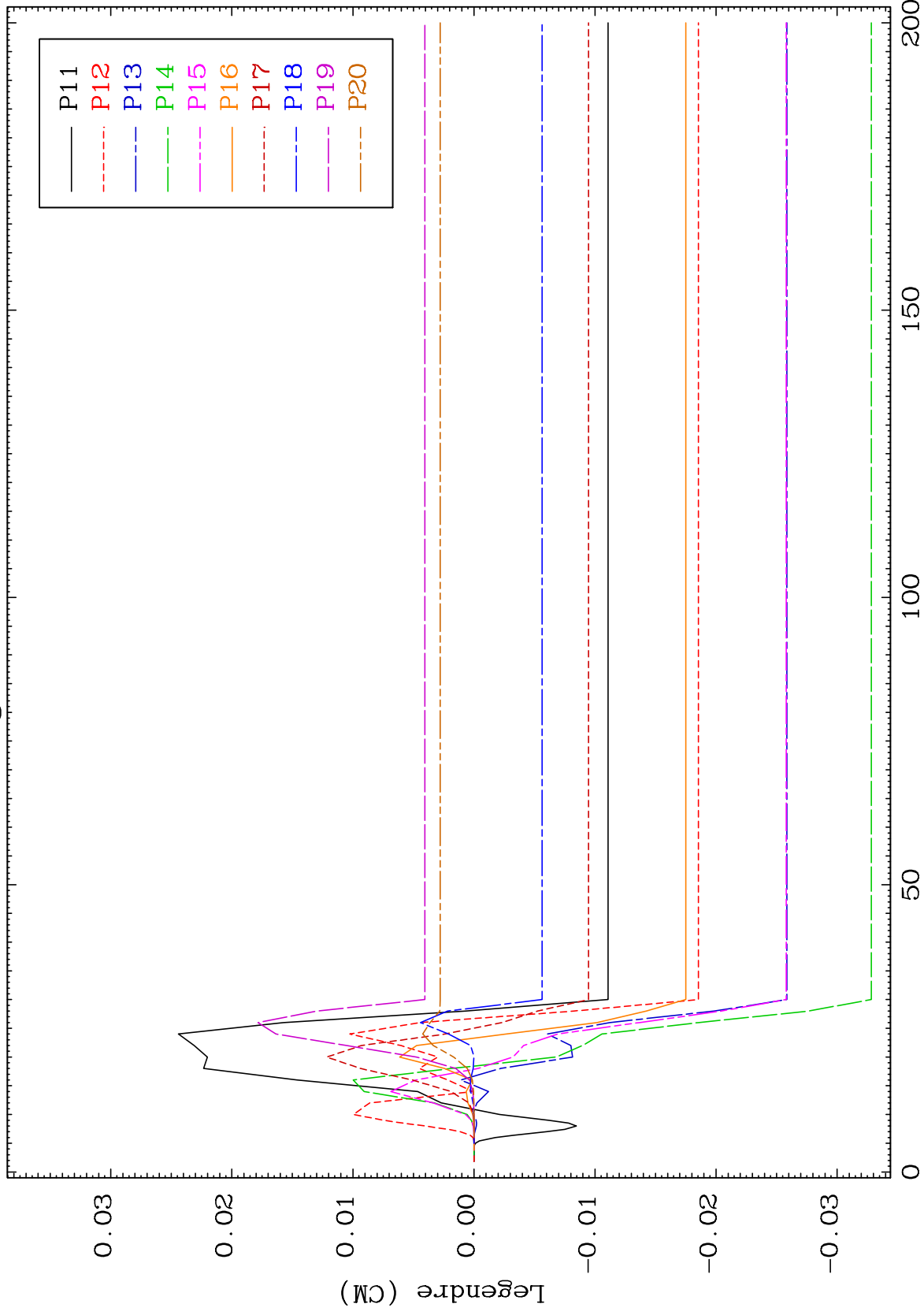
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



29

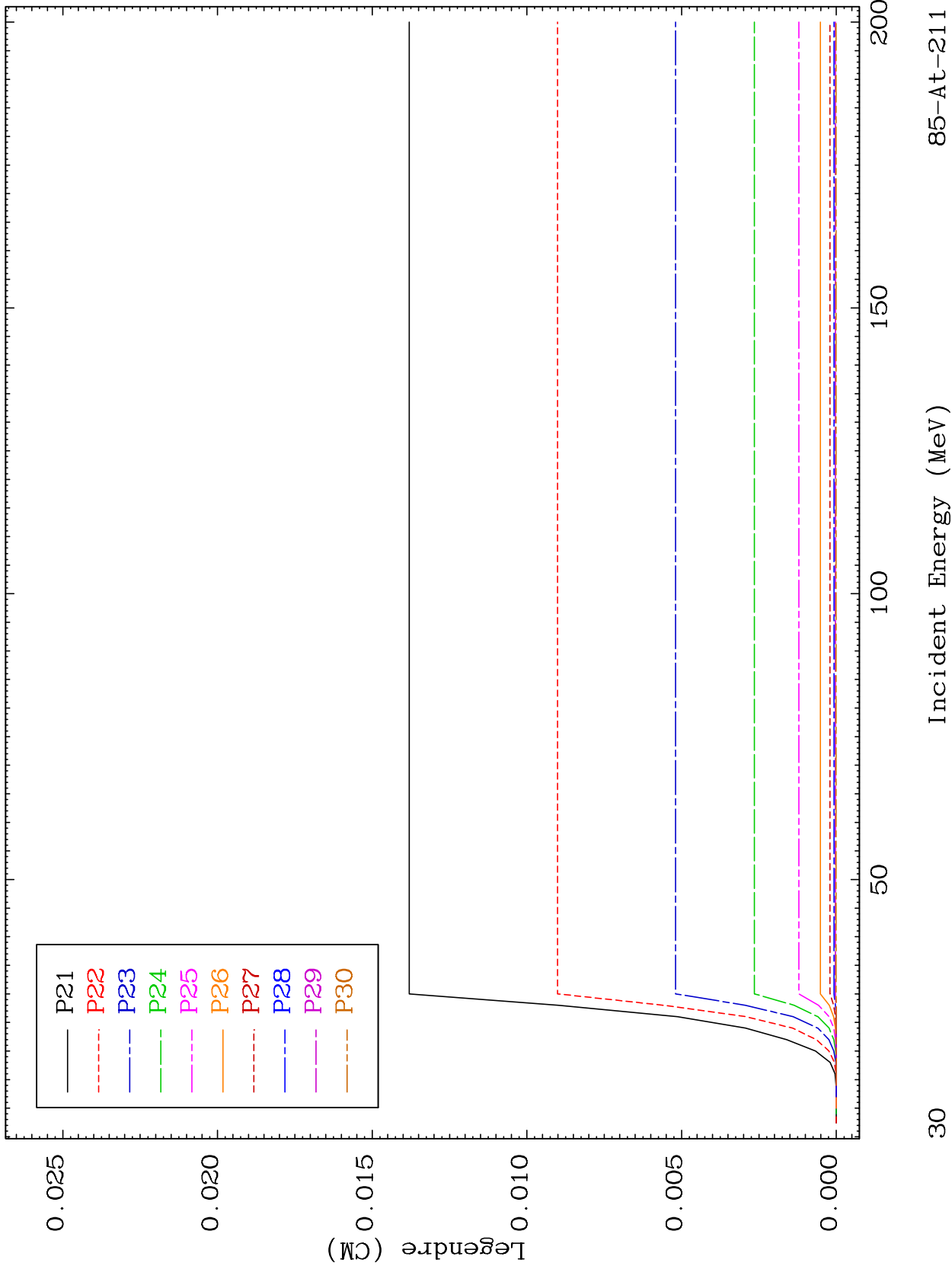
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



30

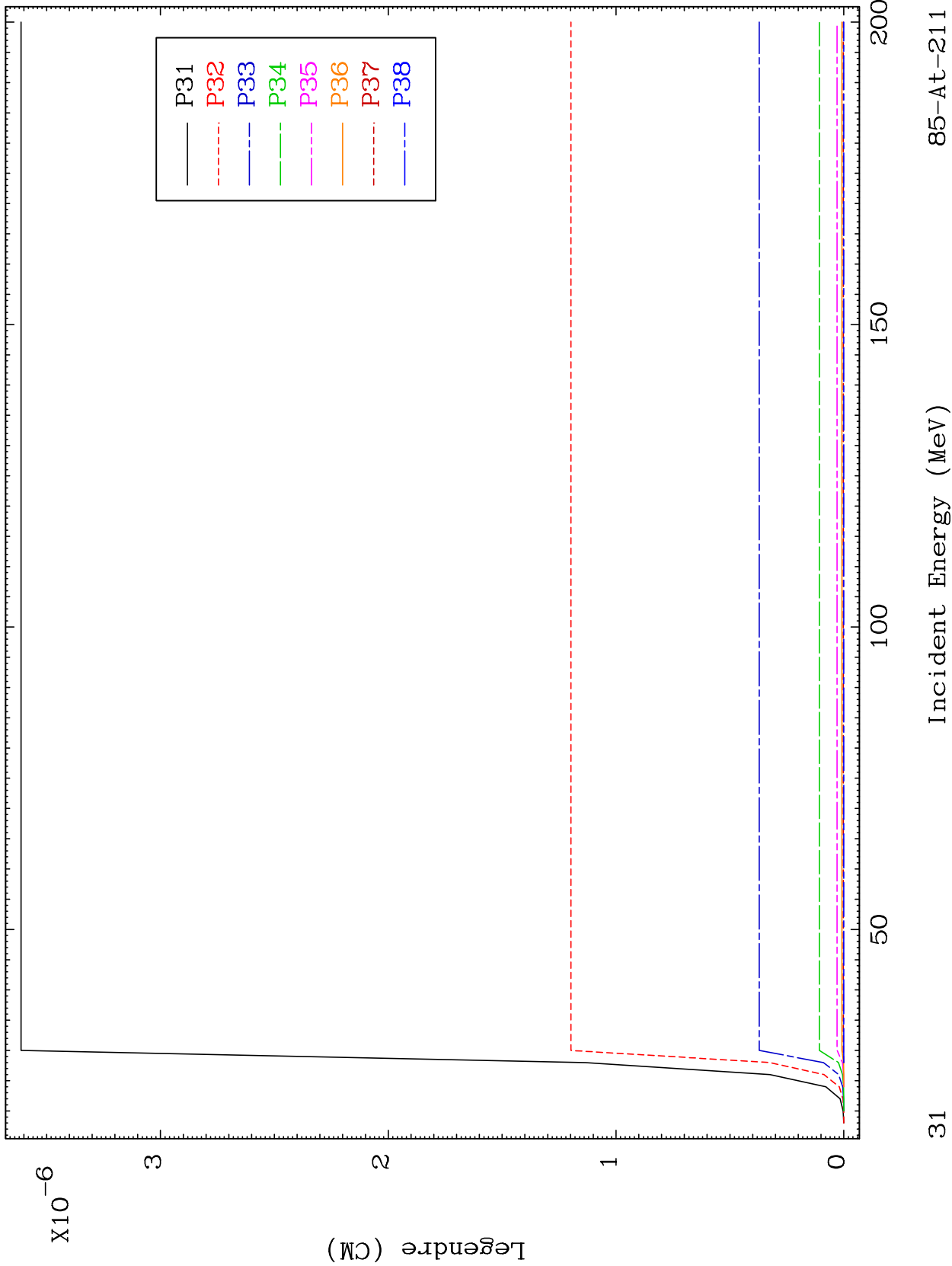
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



31

Incident Energy (MeV)

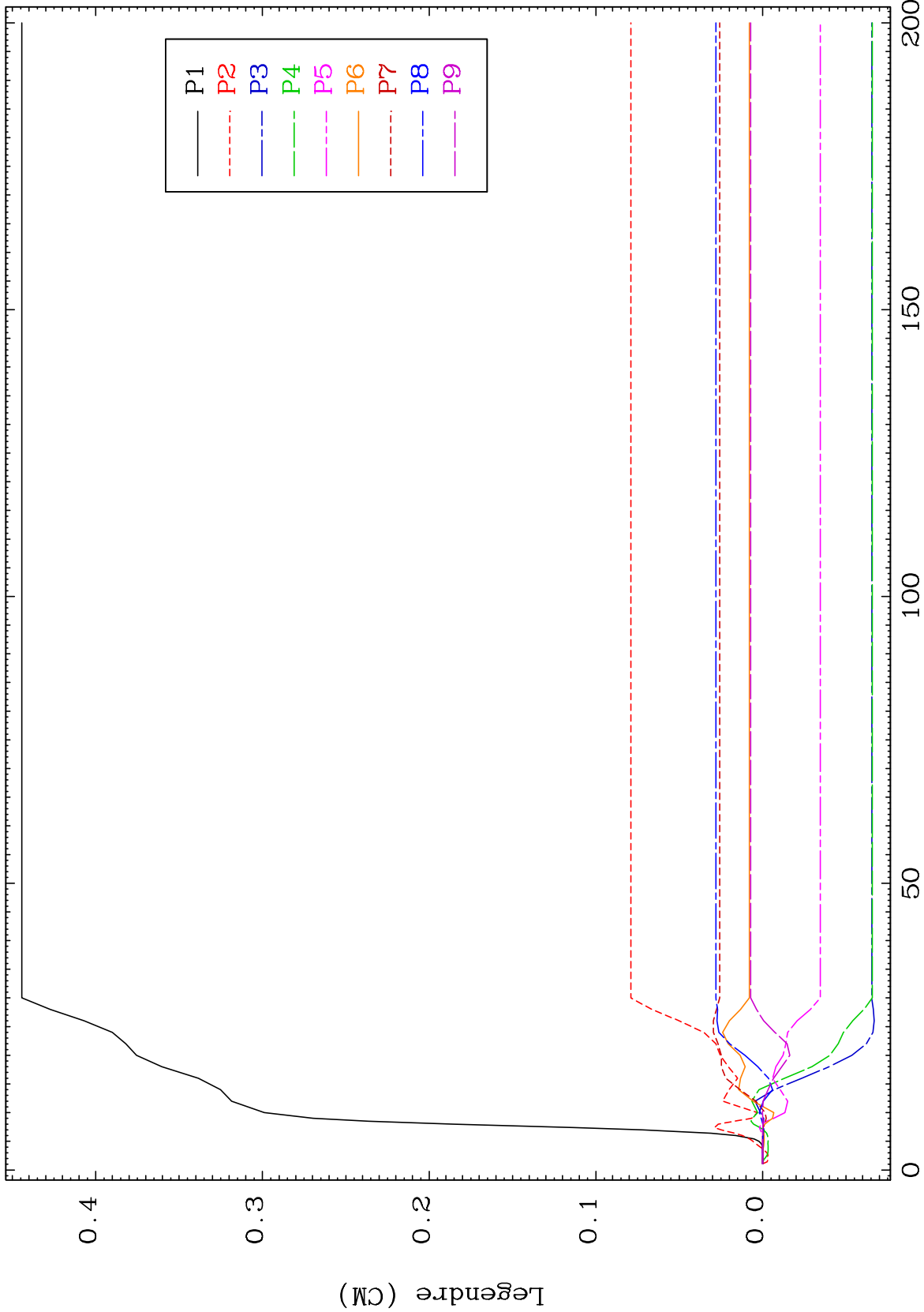
85-At-211



MAT 8549

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

85-At-211



85-At-211

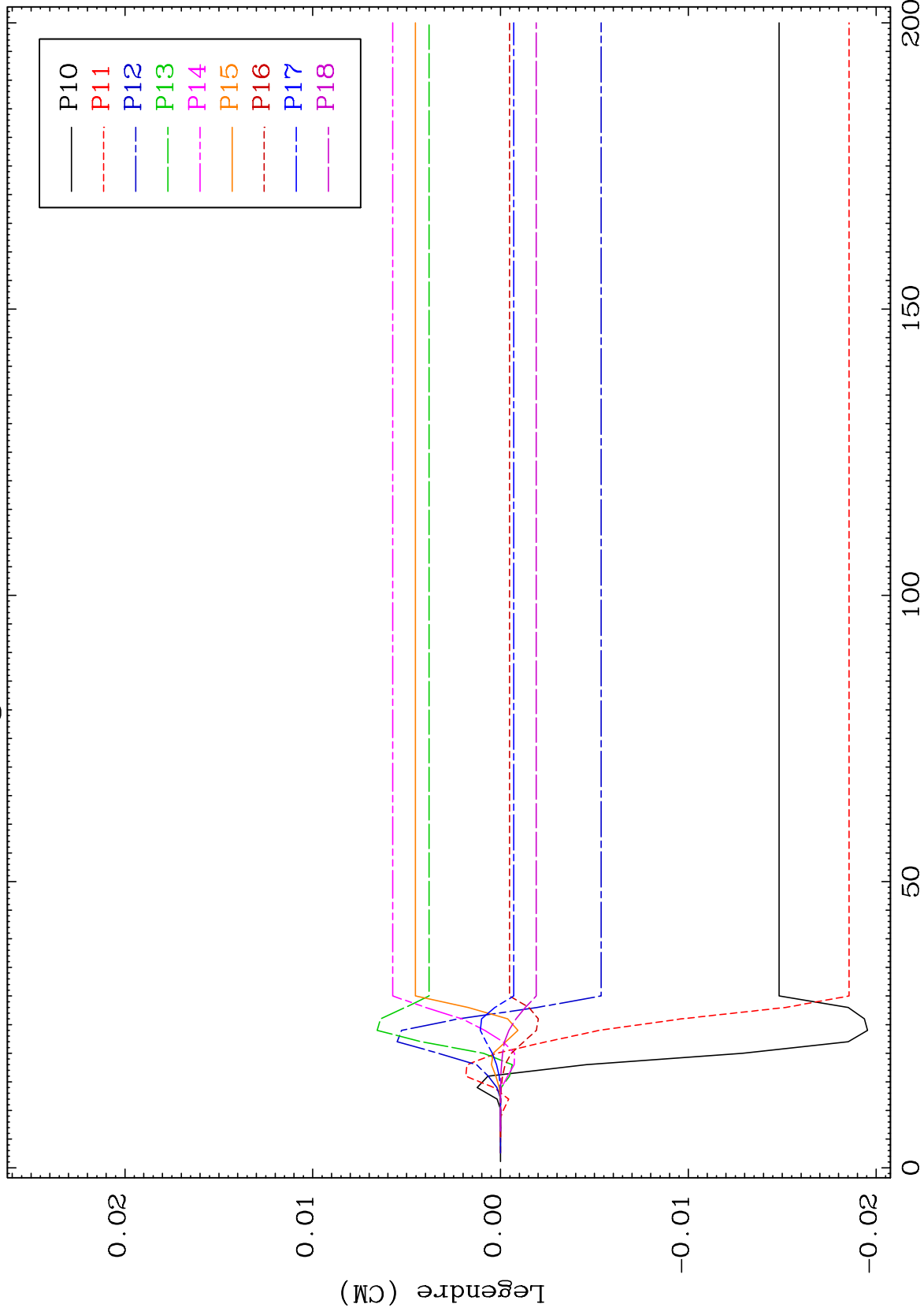
Incident Energy (MeV)

32

MAT 8549

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

85-At-211



33

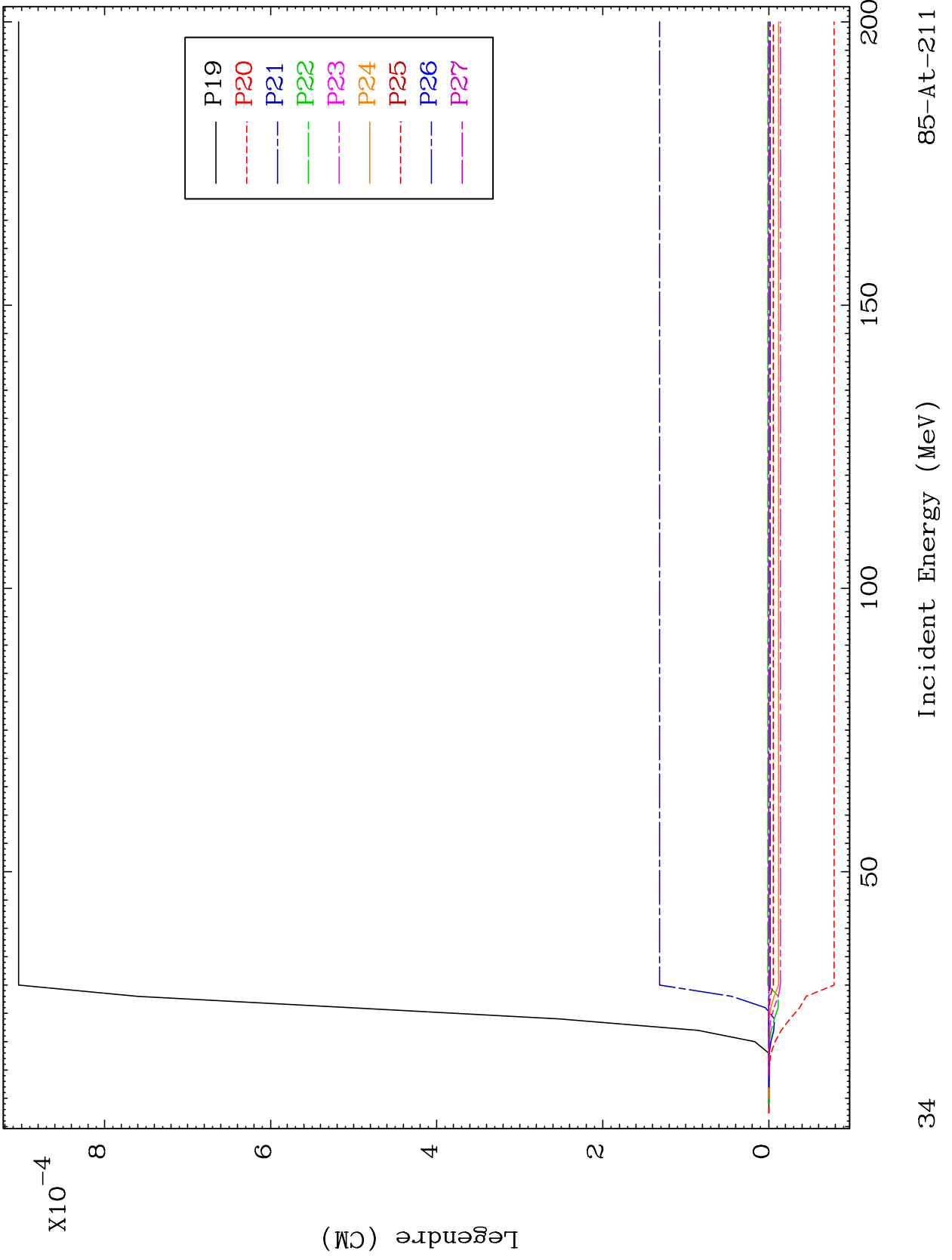
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



34

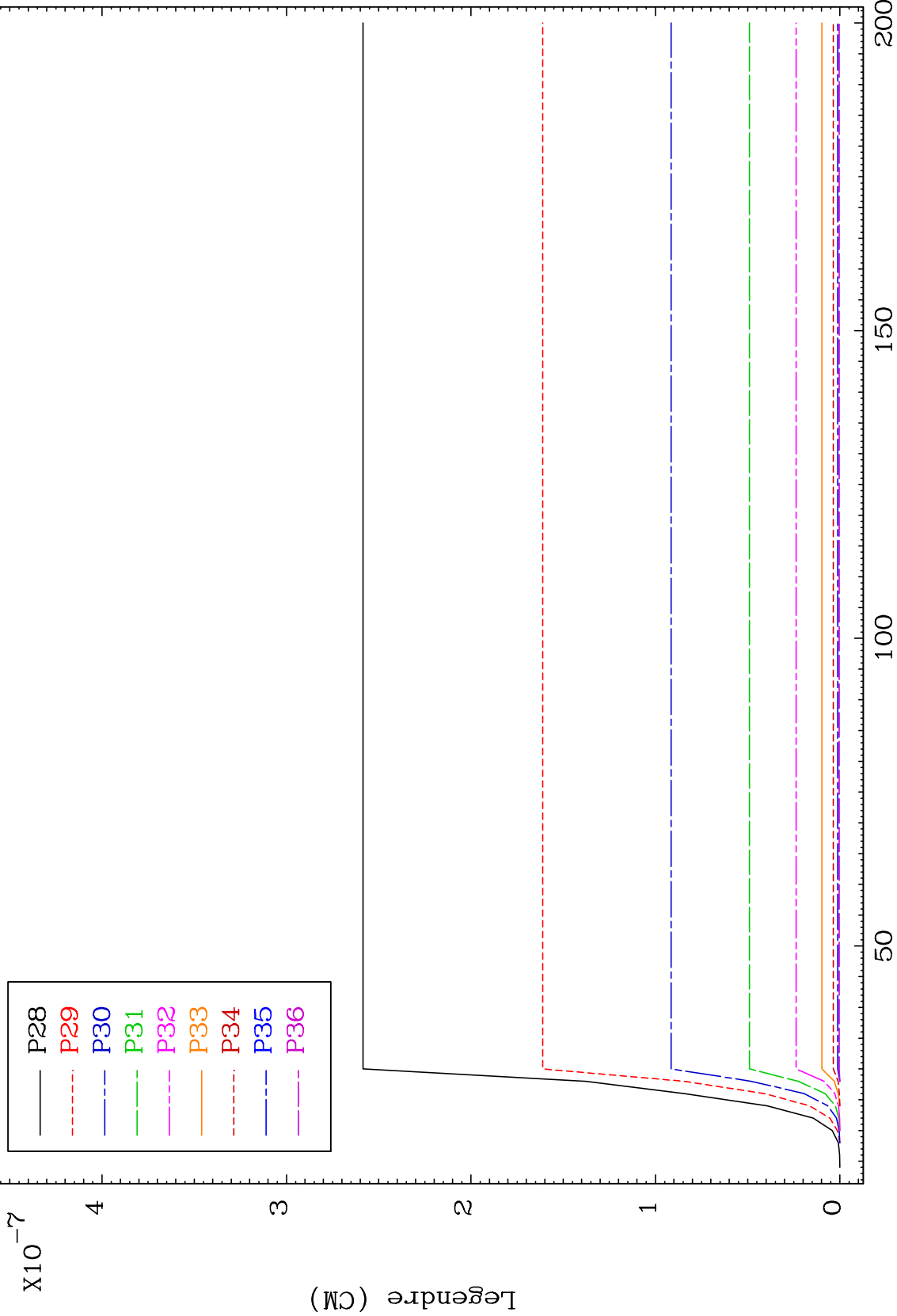
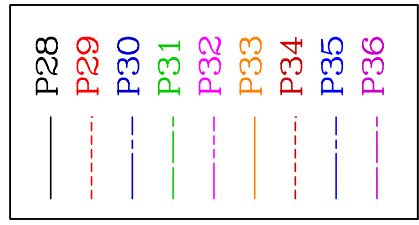
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



35

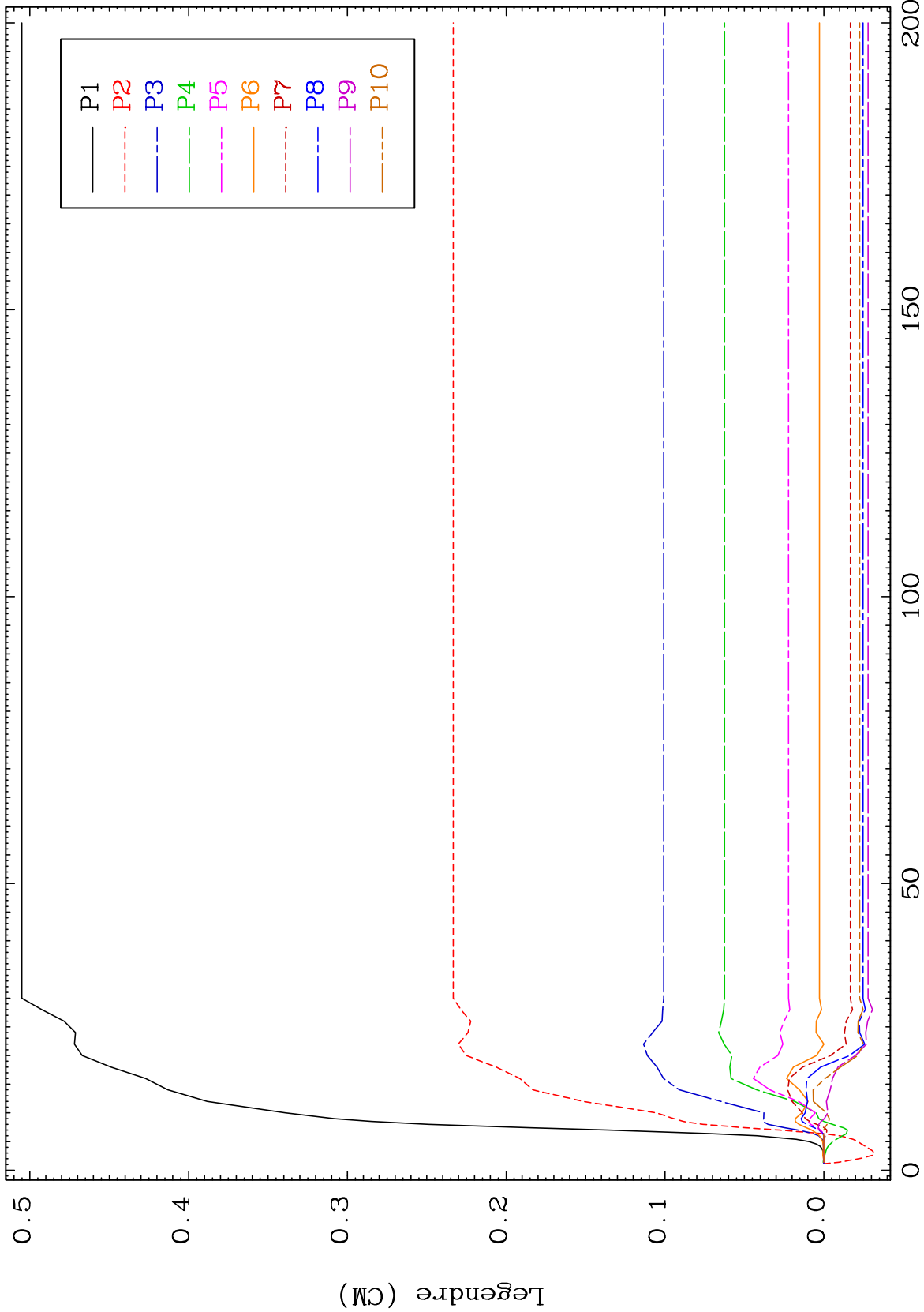
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



36

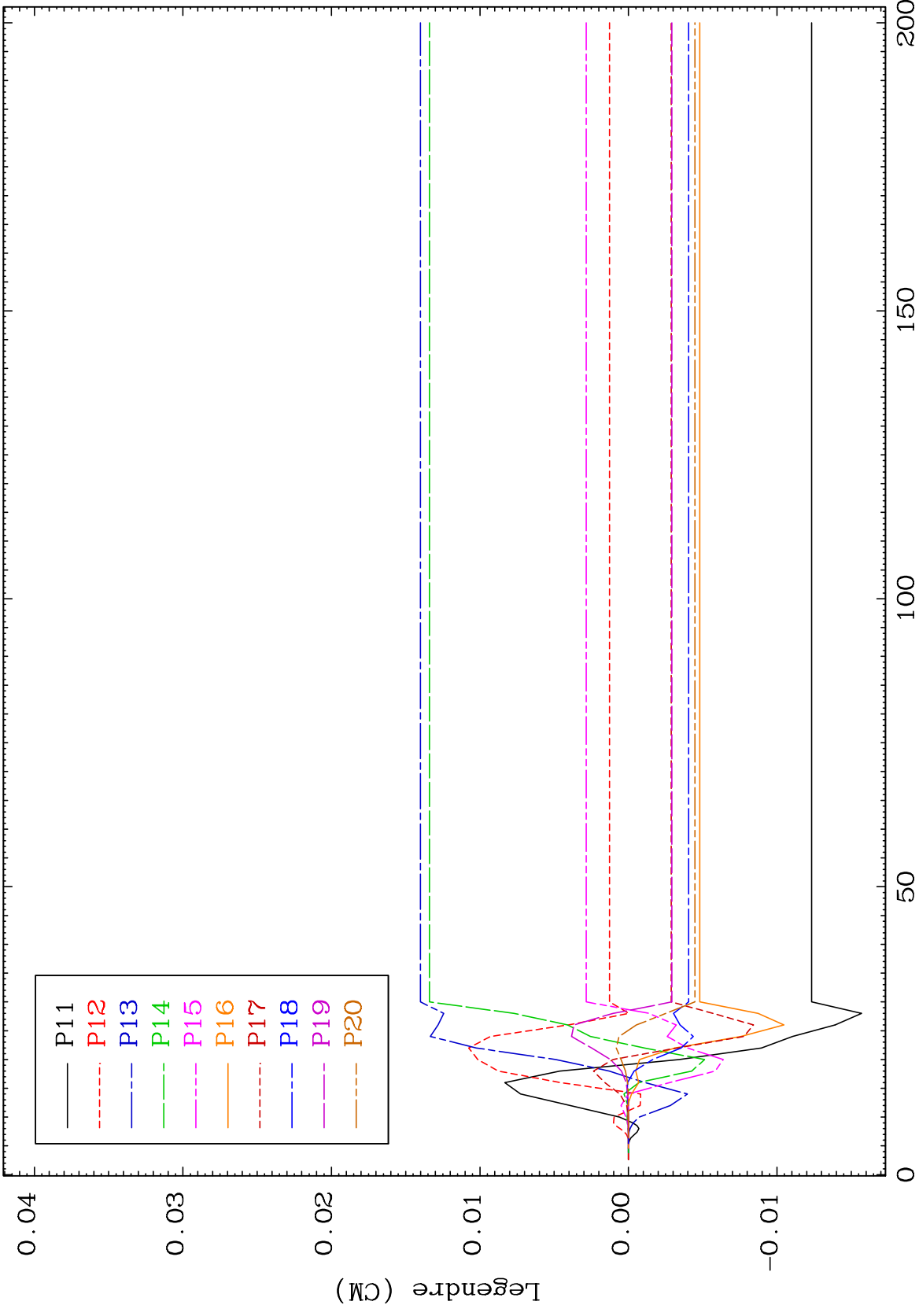
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



37

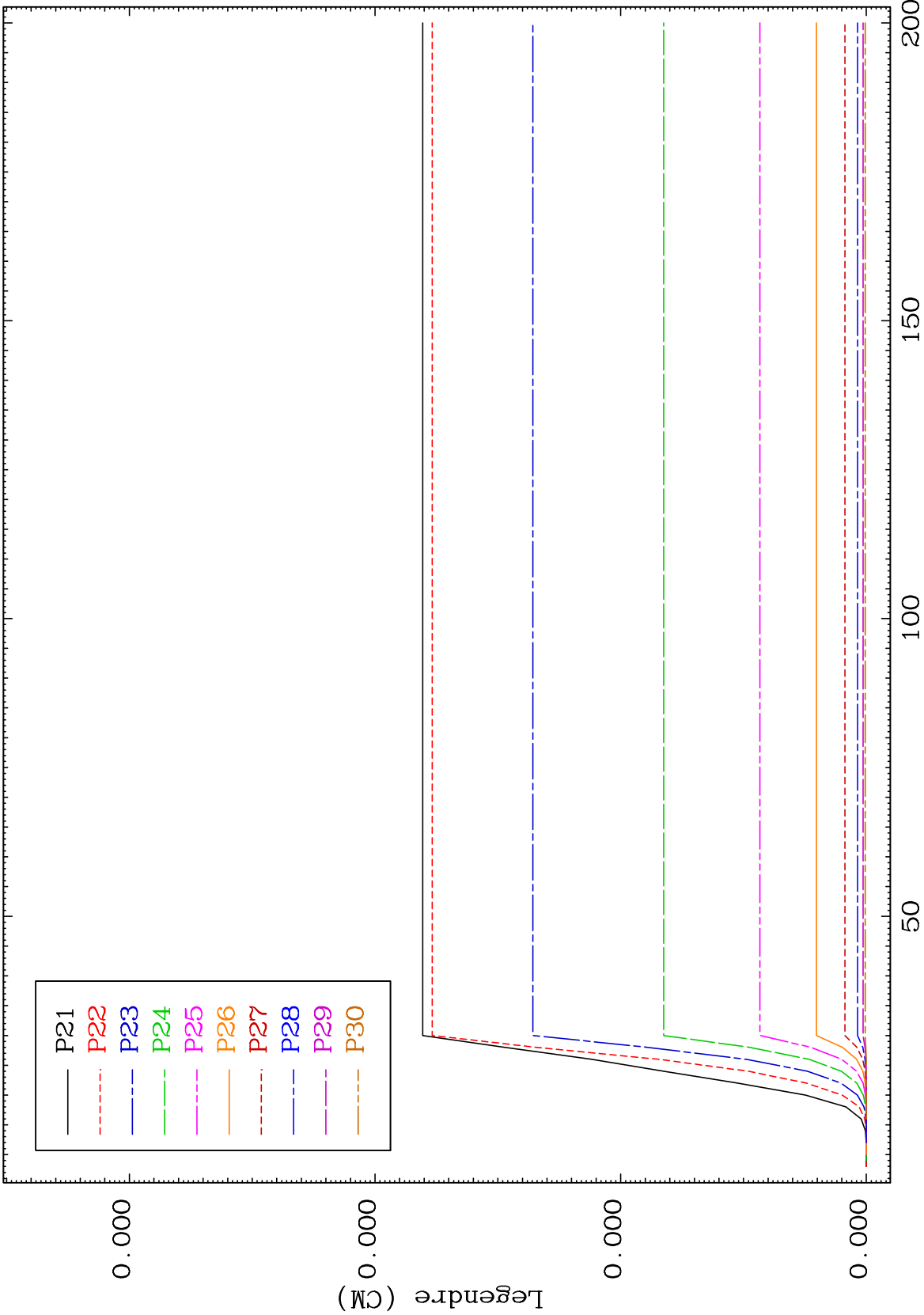
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



38

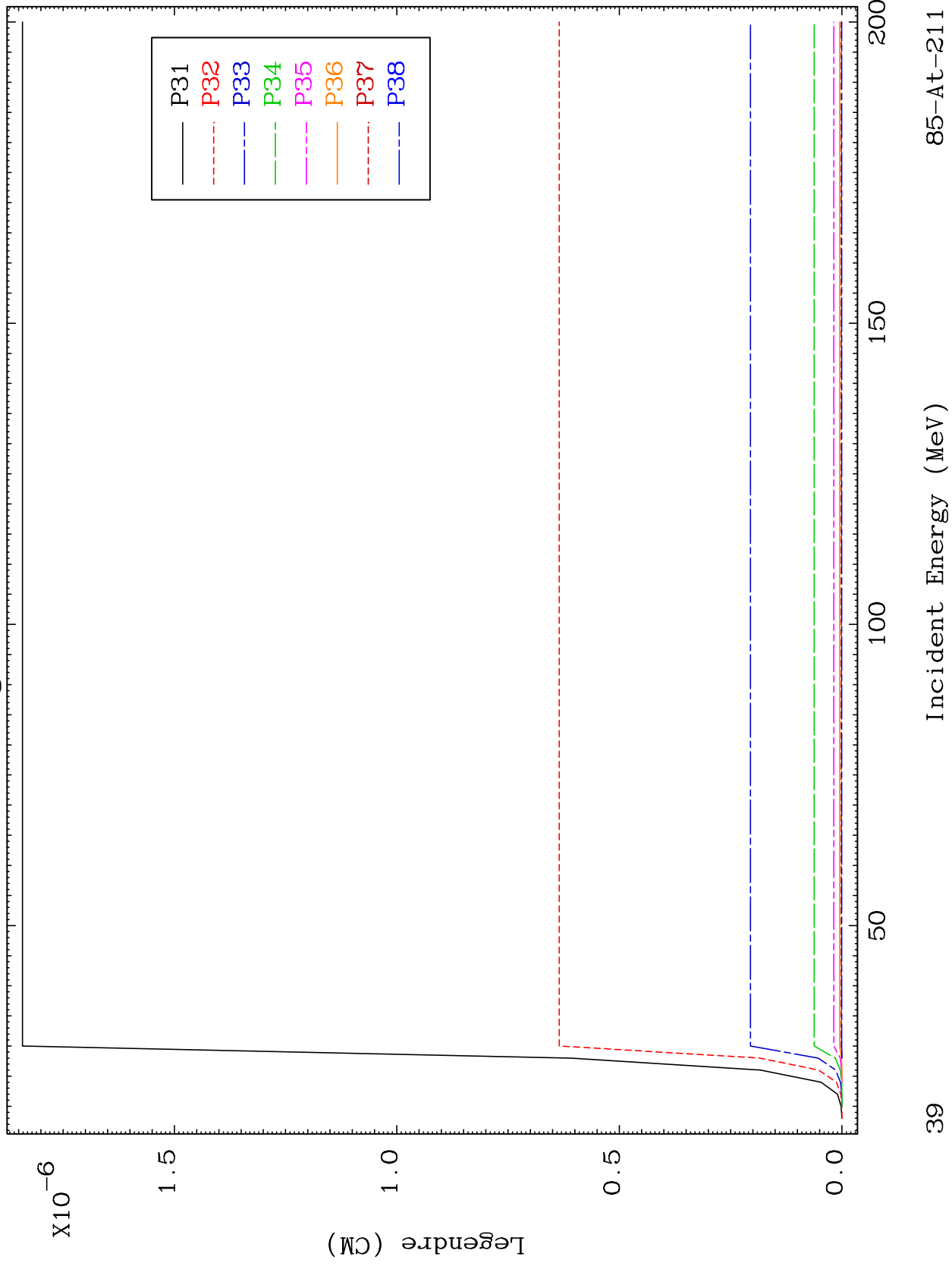
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



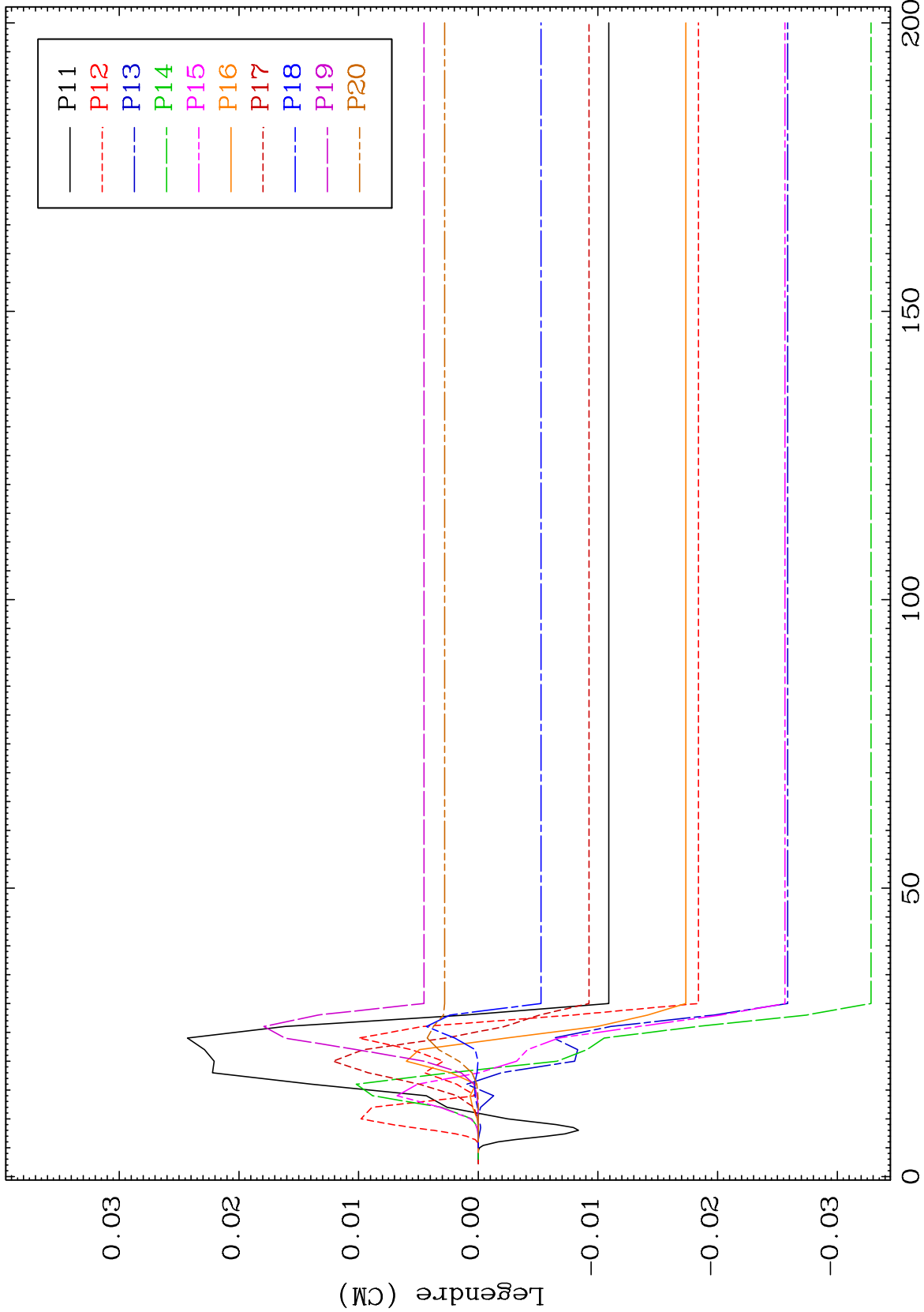




MAT 8549

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

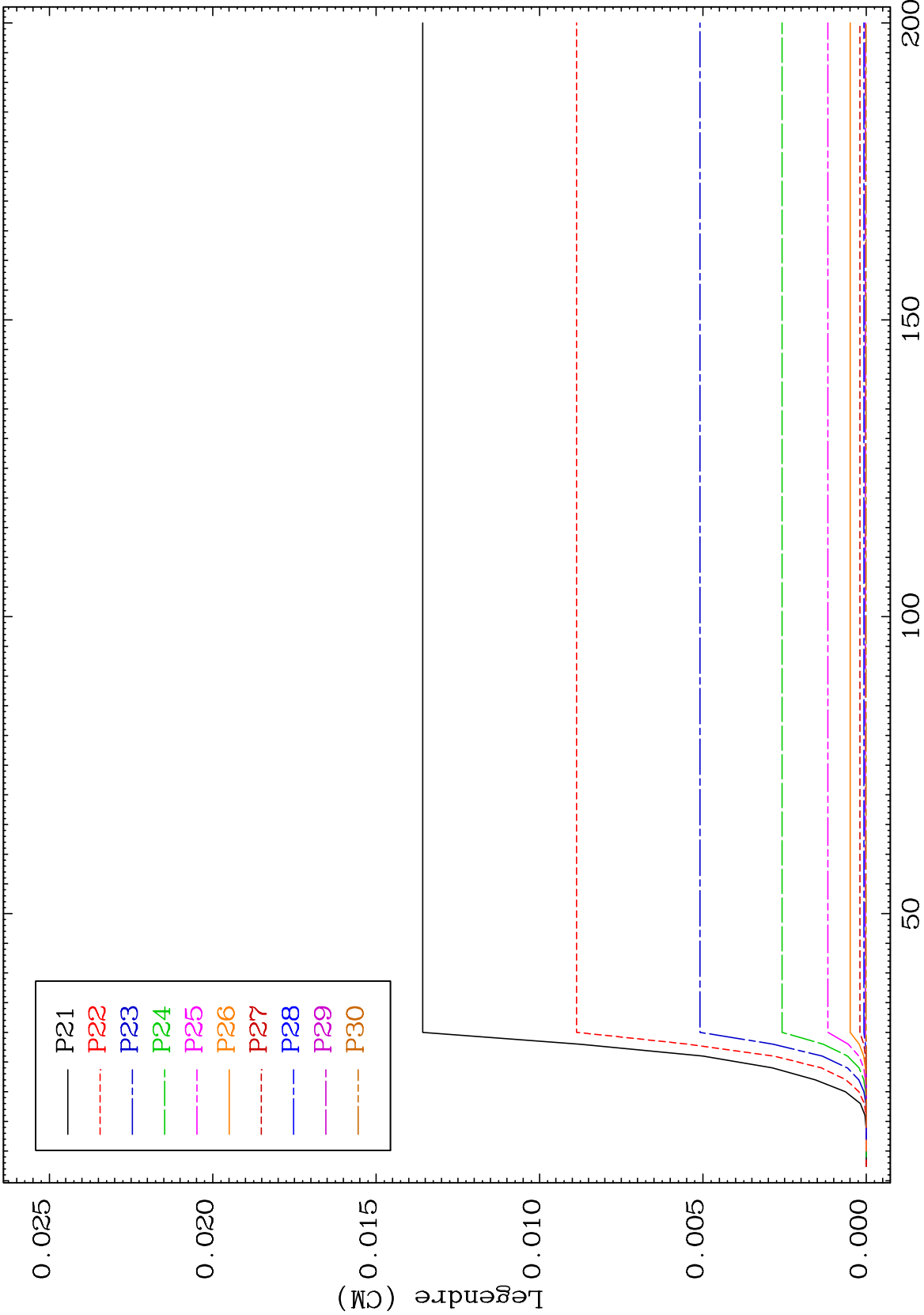
85-At-211



MAT 8549

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

85-At-211



42

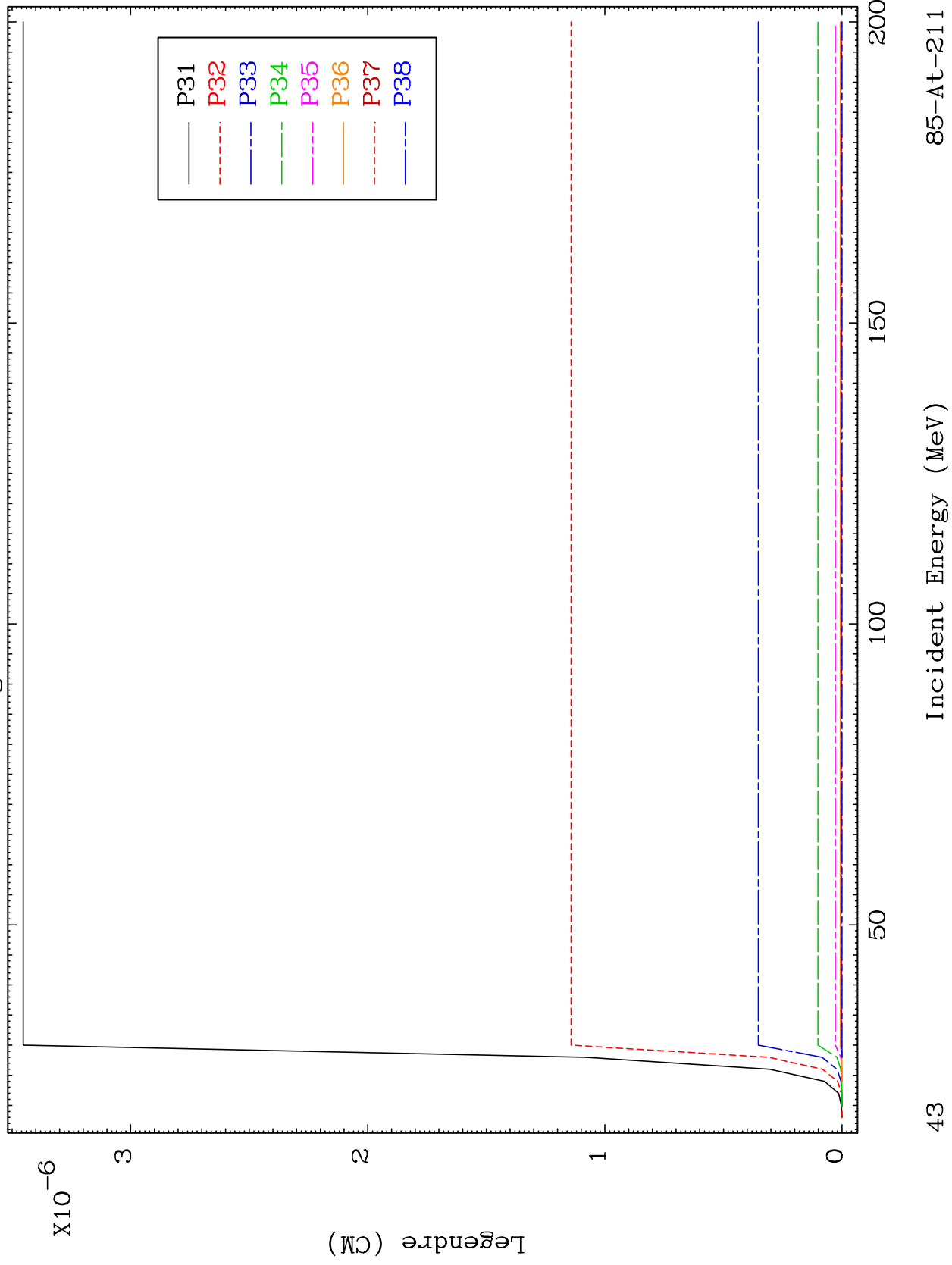
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



85-At-211

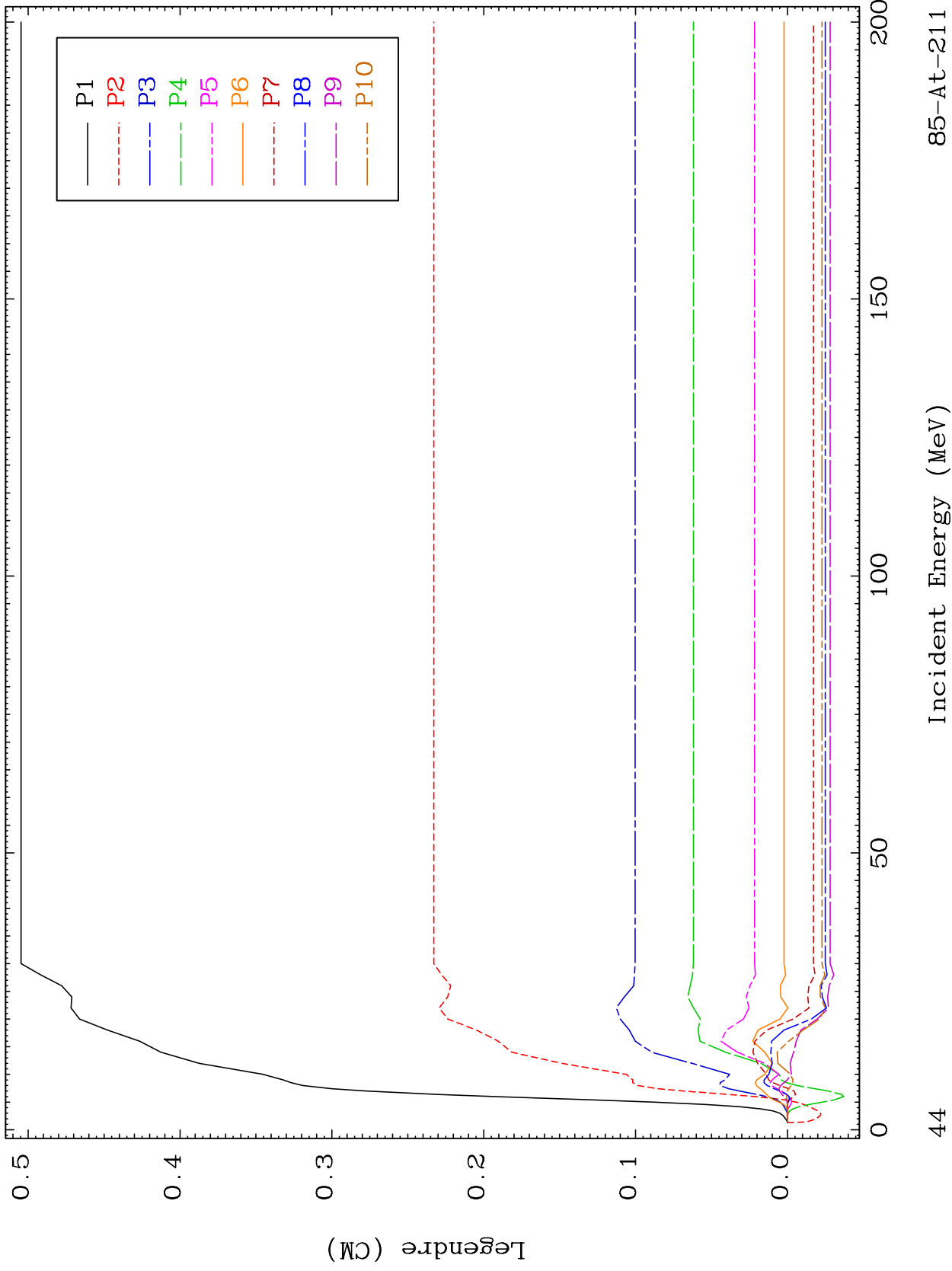
Incident Energy (MeV)

43

MAT 8549

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

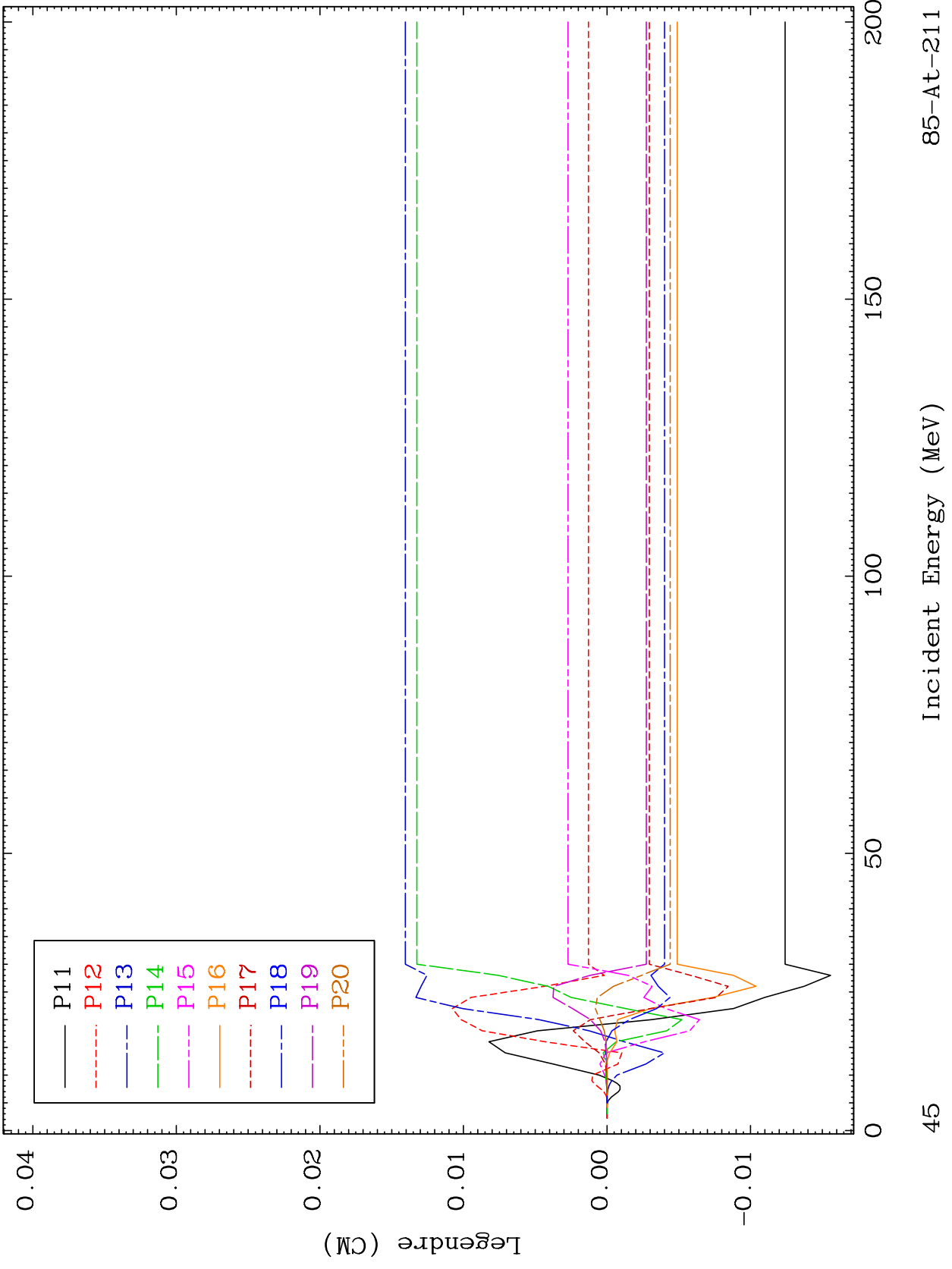
85-At-211



MAT 8549

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

85-At-211



85-At-211

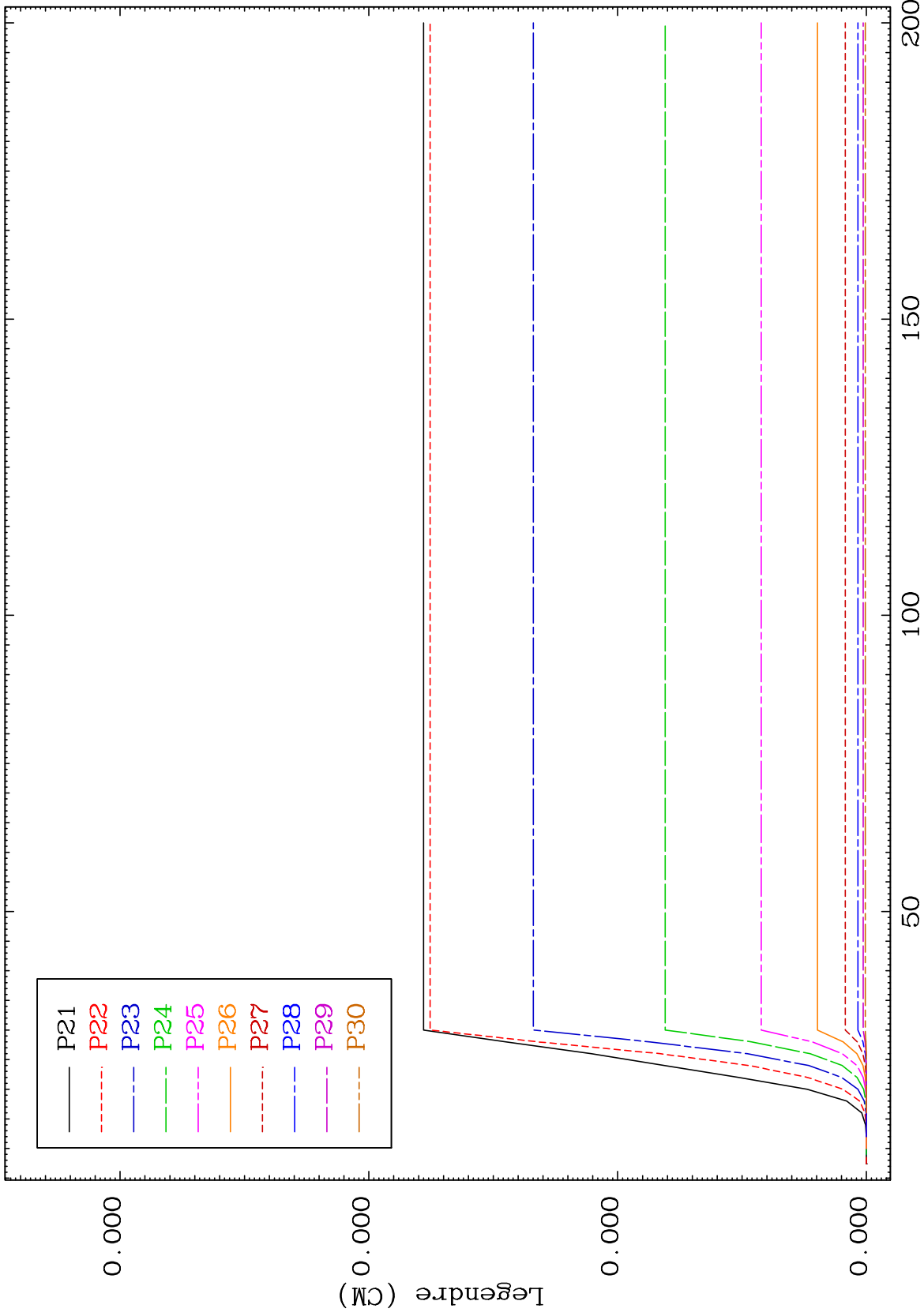
Incident Energy (MeV)

45

MAT 8549

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

85-At-211



46

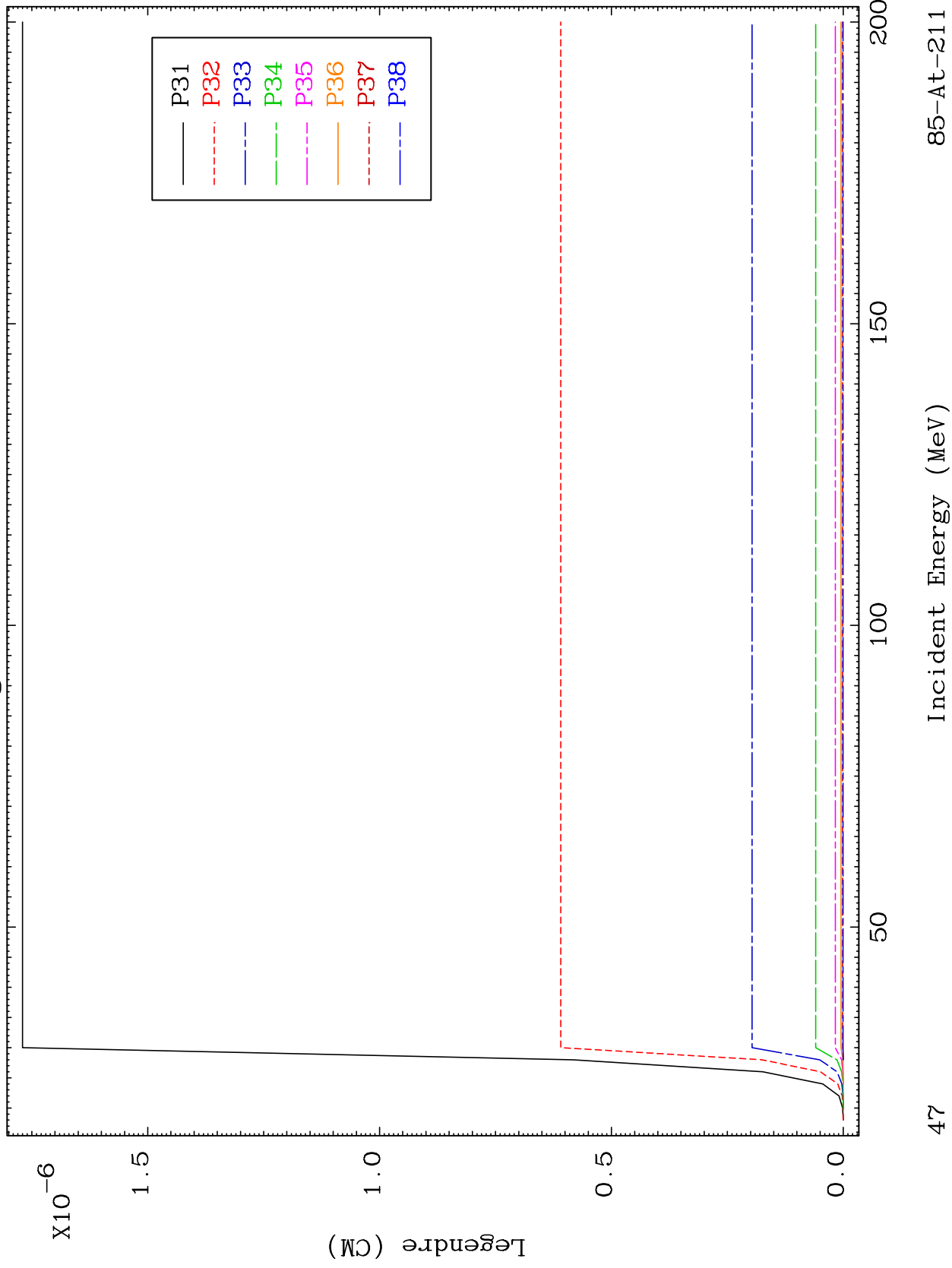
Incident Energy (MeV)

85-At-211

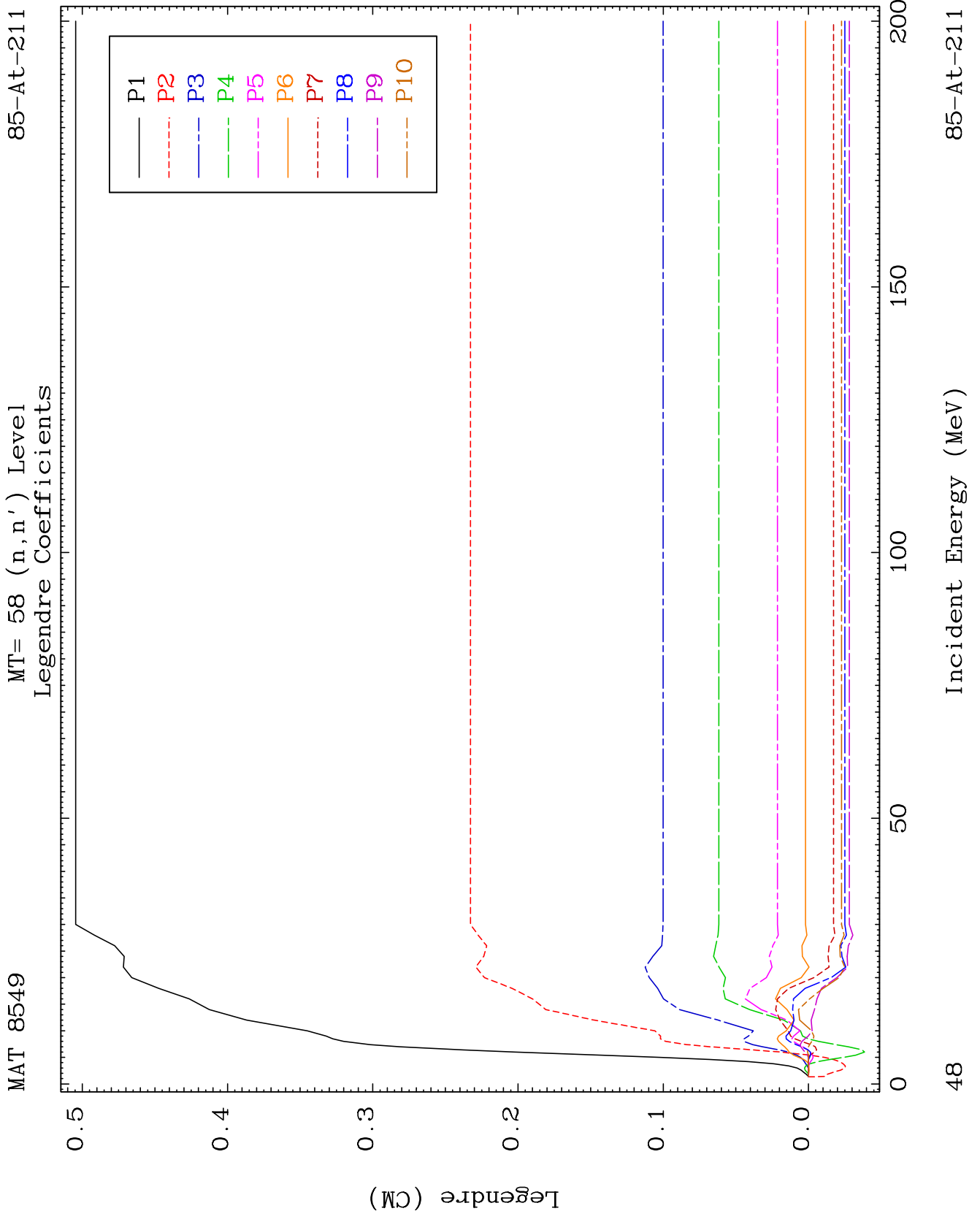
MAT 8549

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

85-At-211



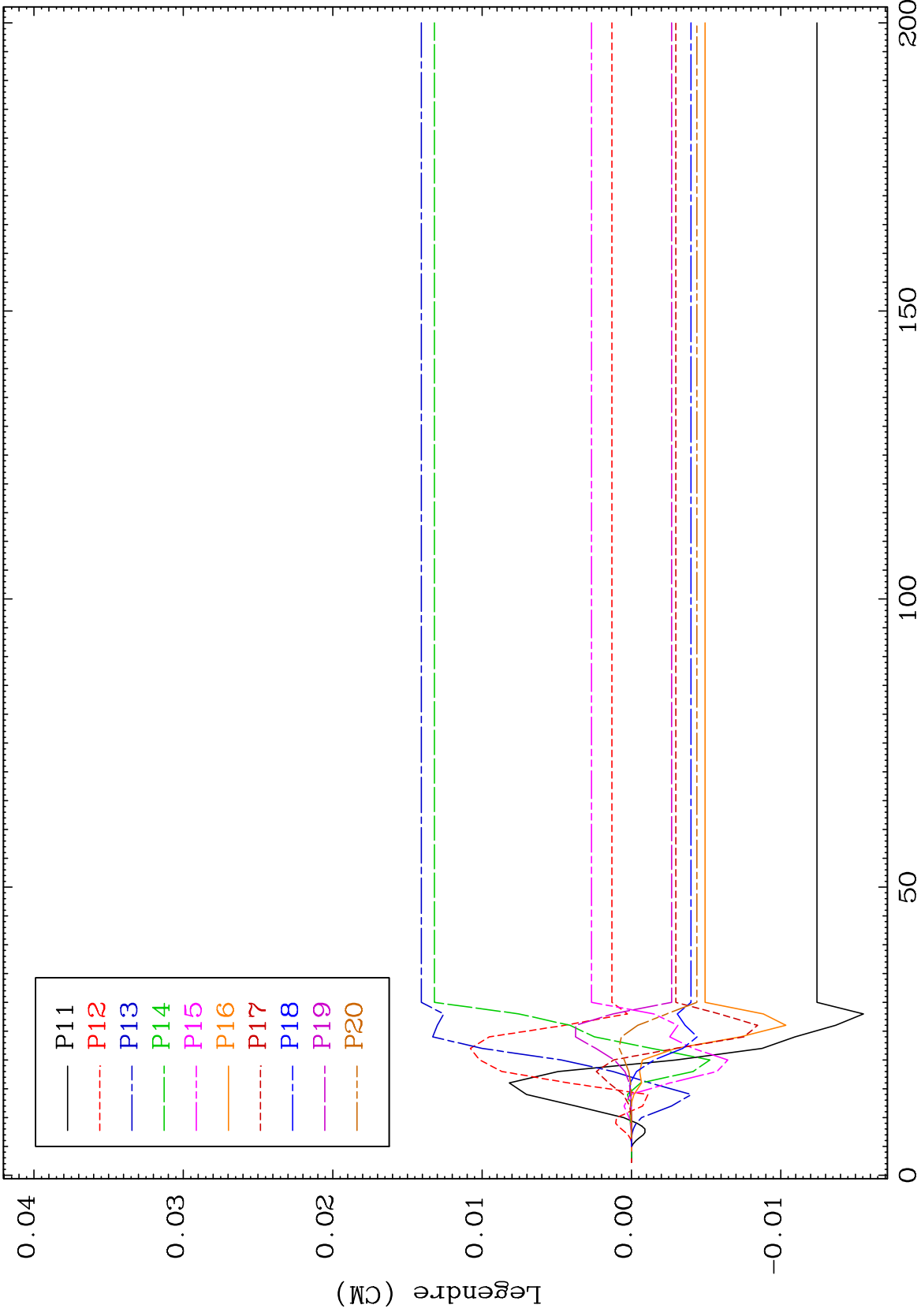




MAT 8549

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

85-At-211



49

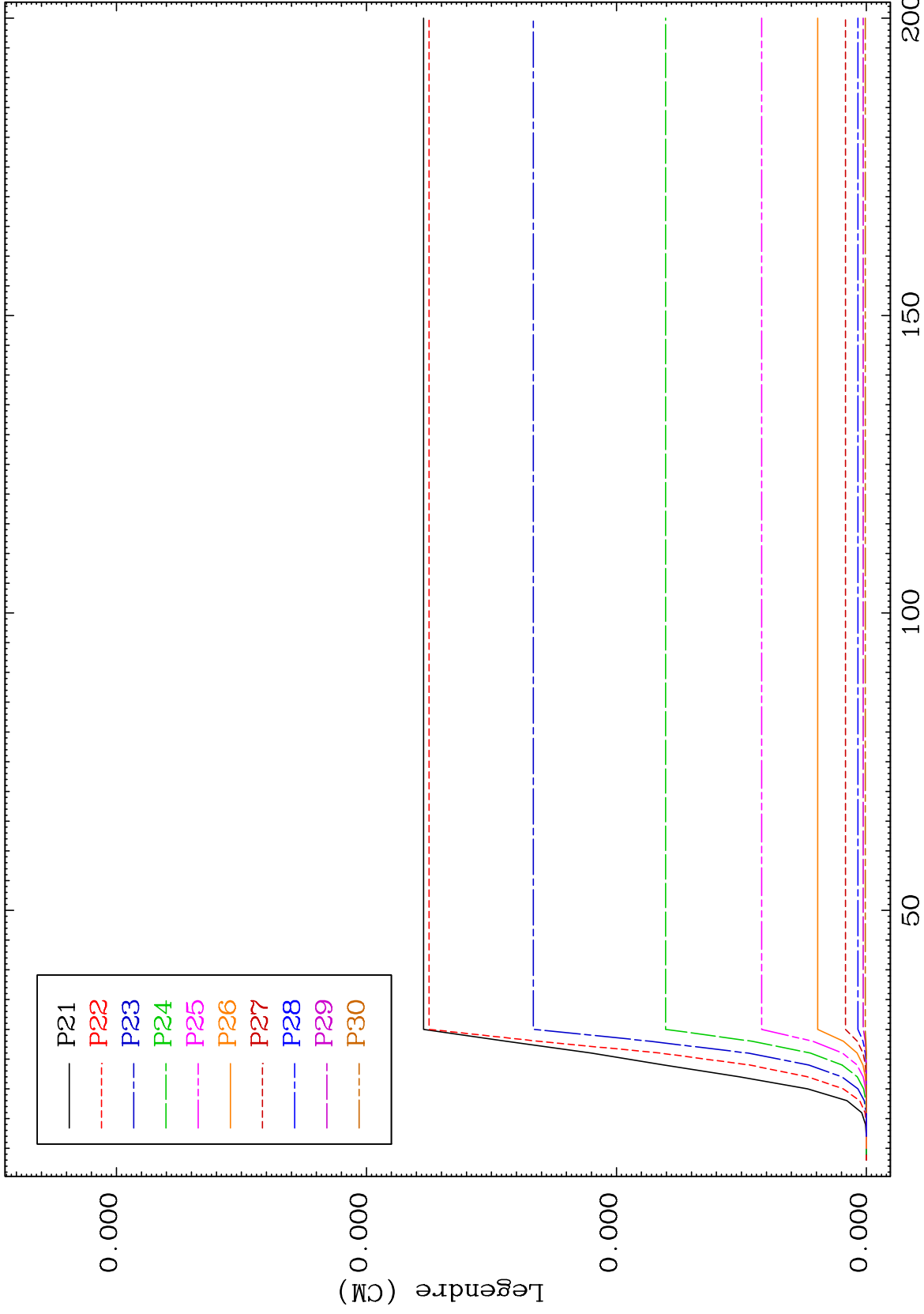
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



50

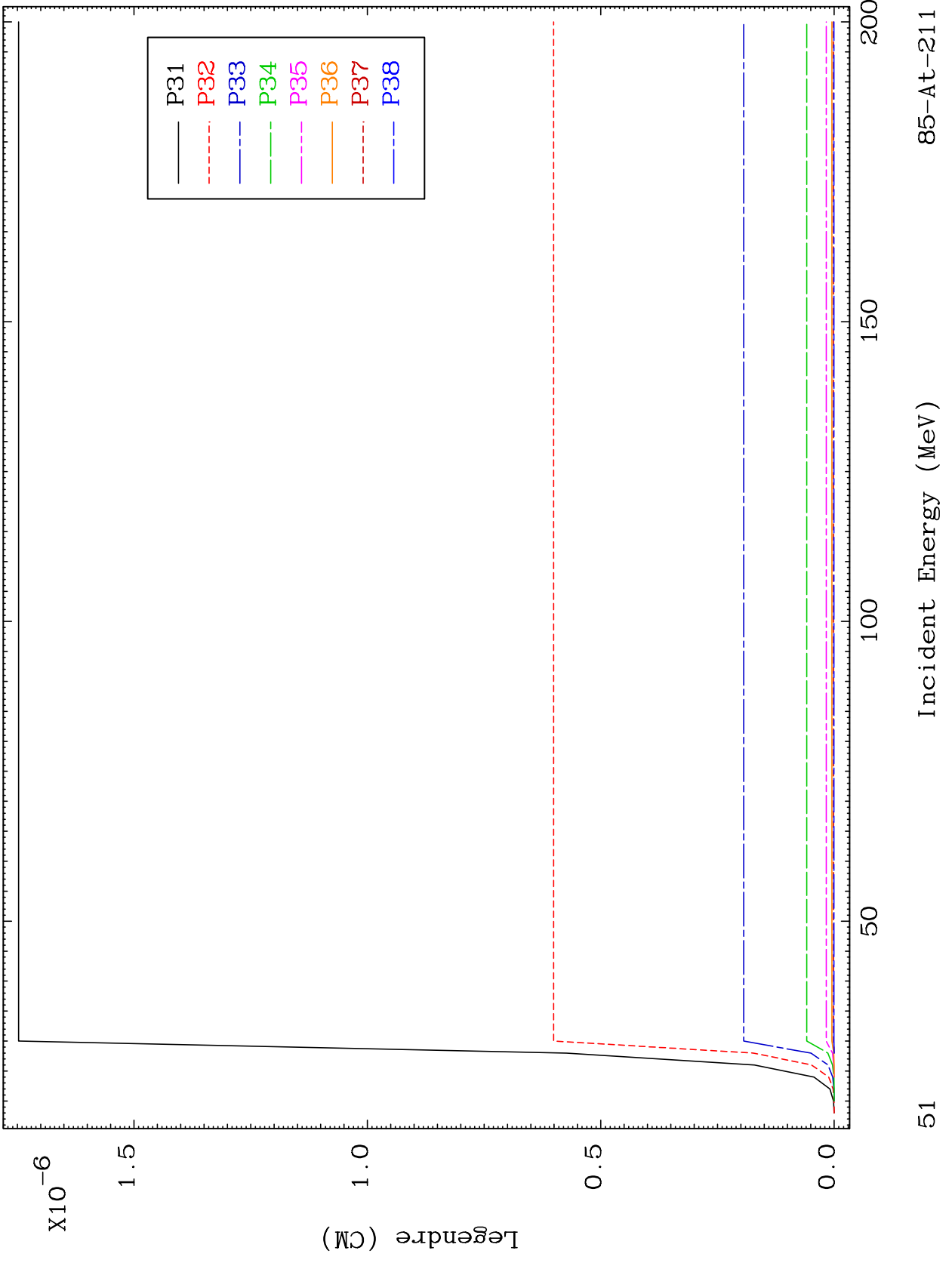
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

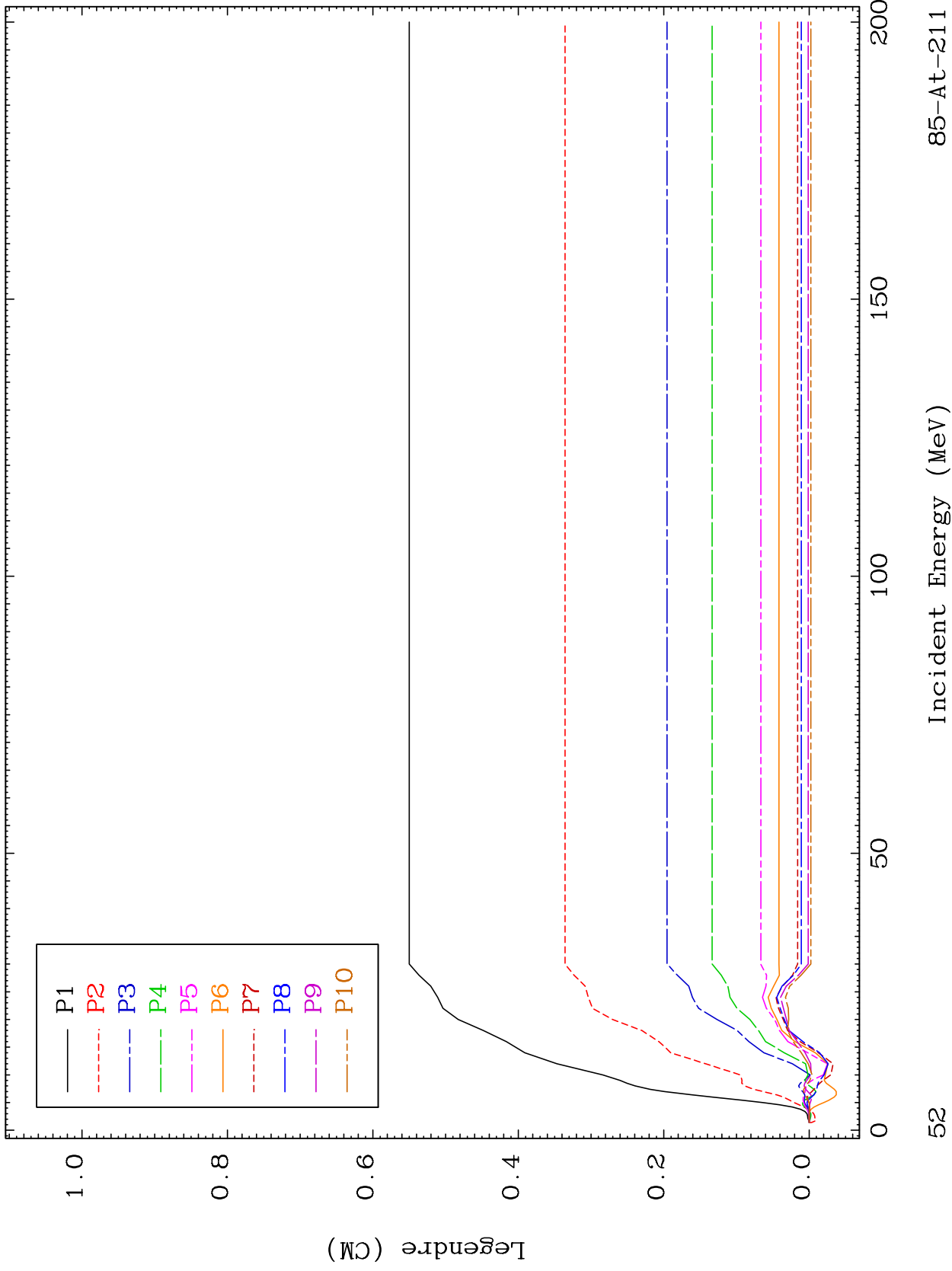


51

MAT 8549

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

85-At-211



52

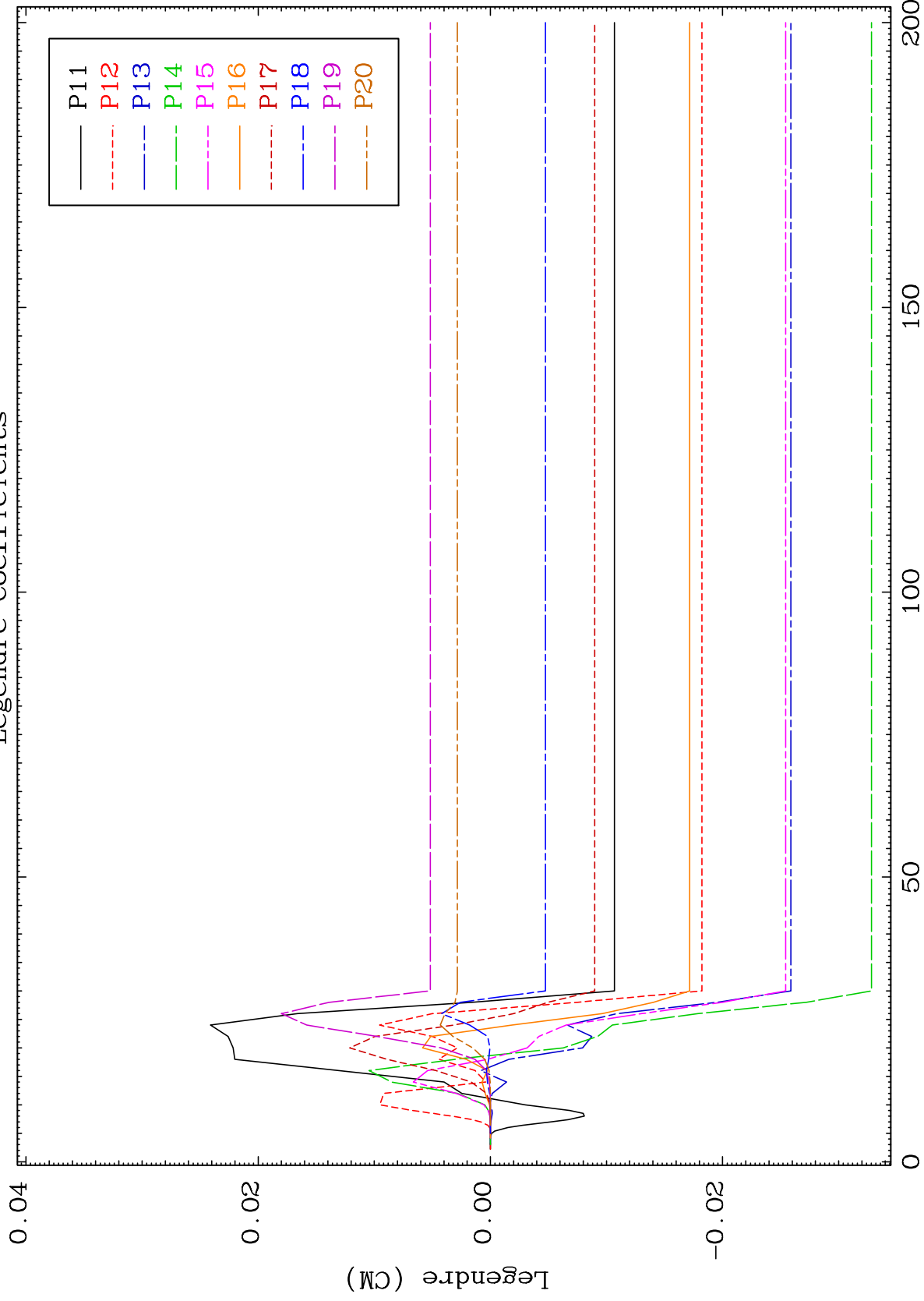
Incident Energy (MeV)

85-At-211

MAT 8549

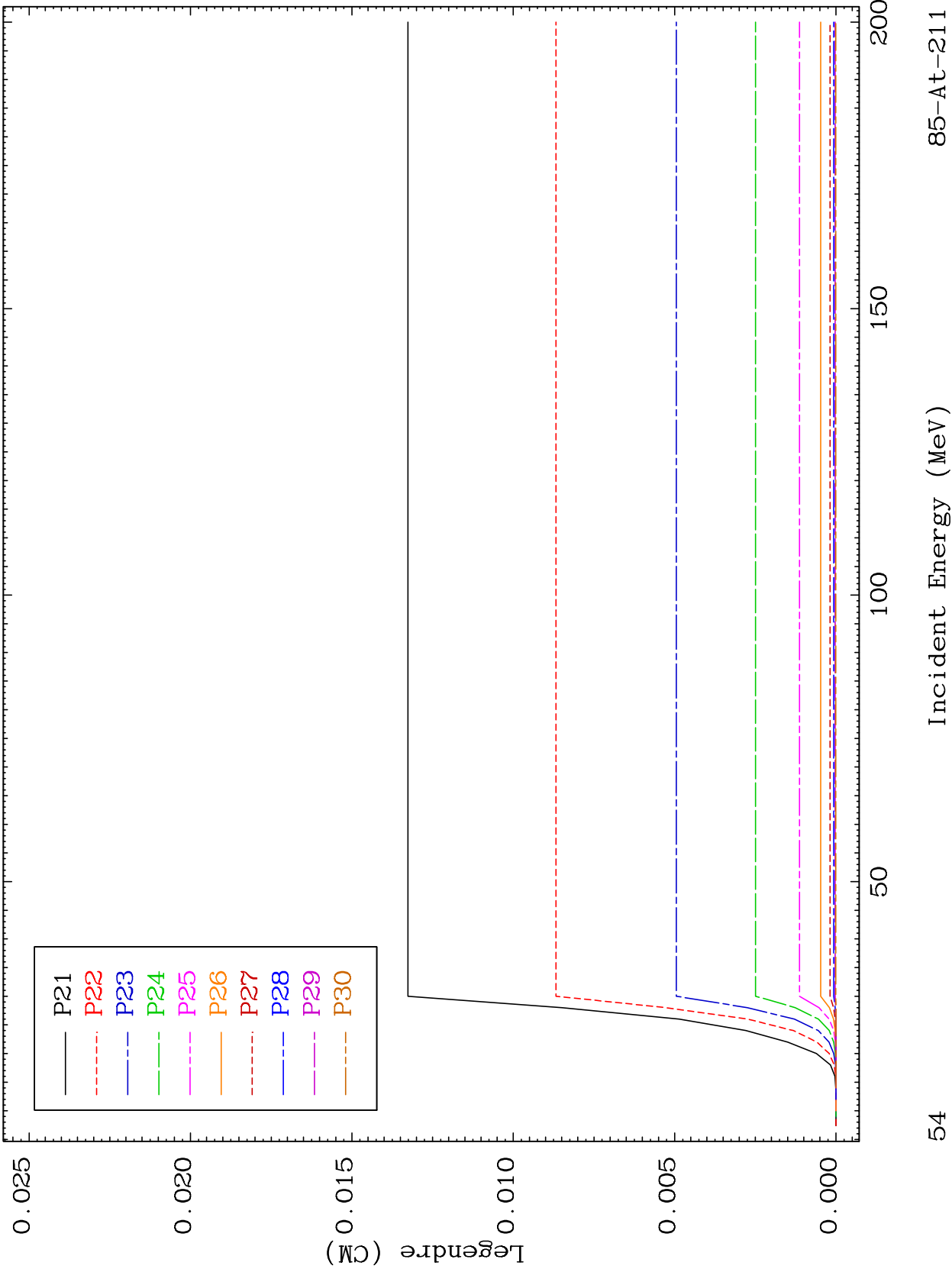
MT= 59 (n,n') Level  
Legendre Coefficients

85-At-211



53

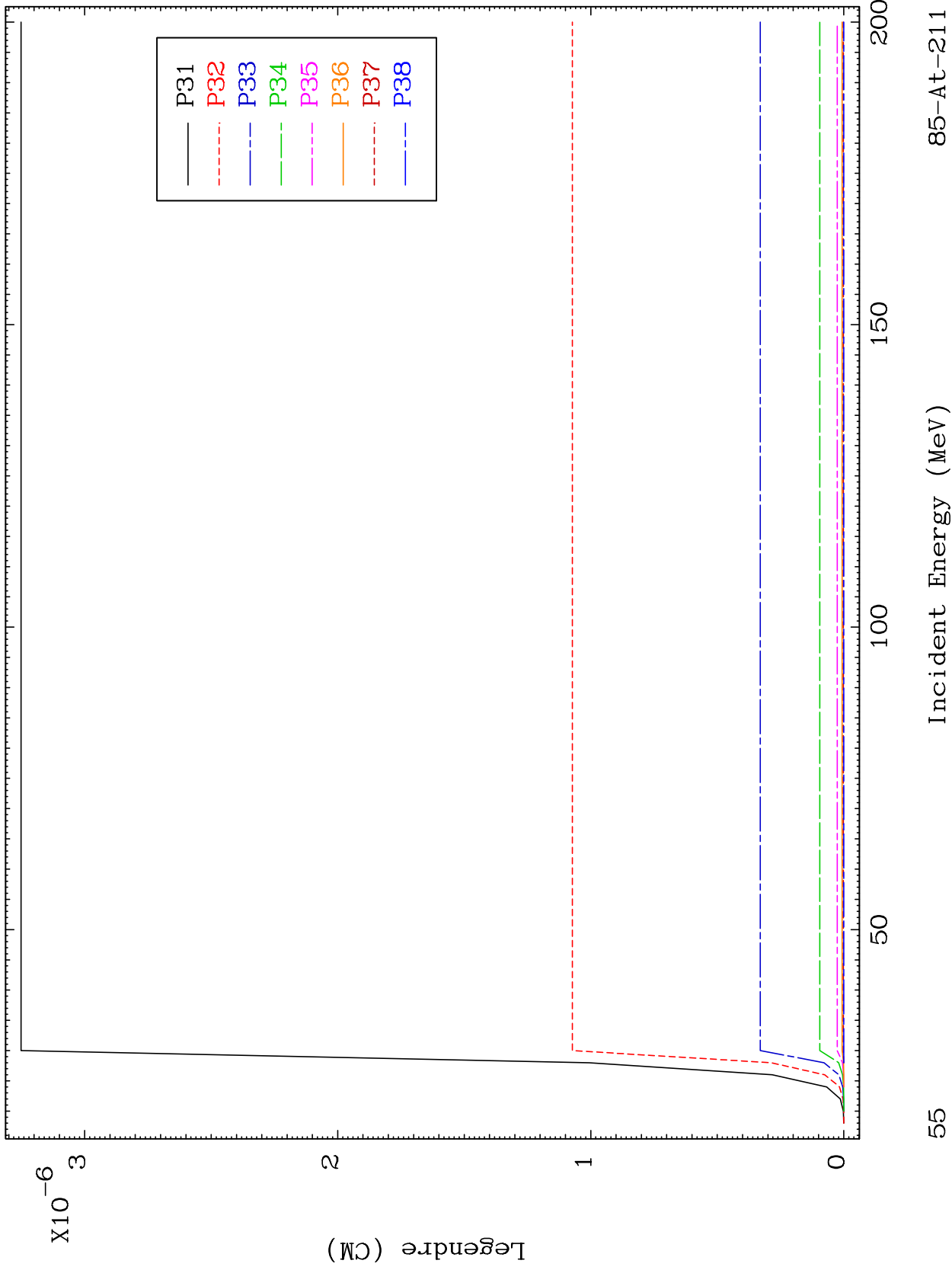
85-At-211



MAT 8549

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

85-At-211



55

Incident Energy (MeV)

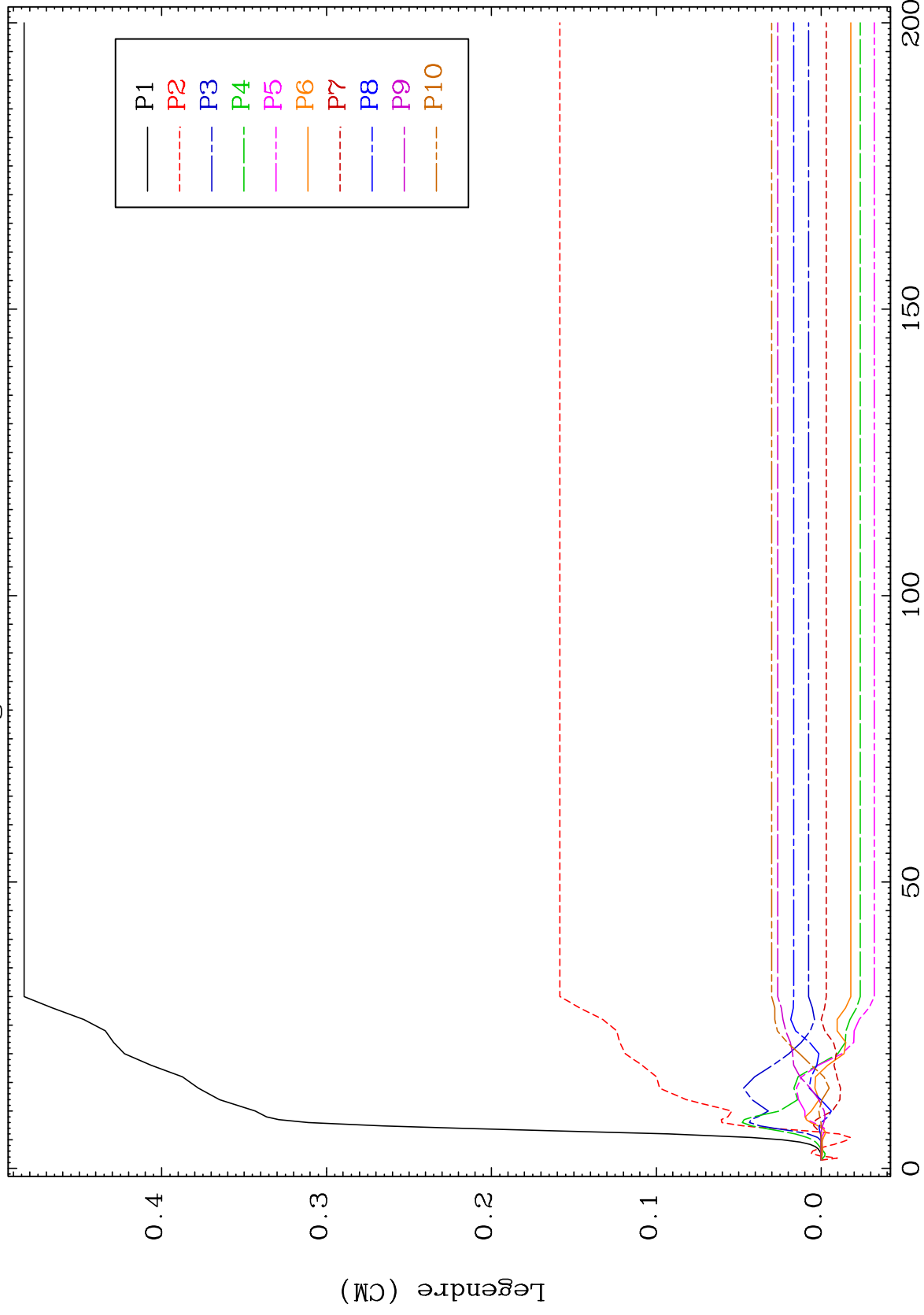
85-At-211



MAT 8549

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

85-At-211



56

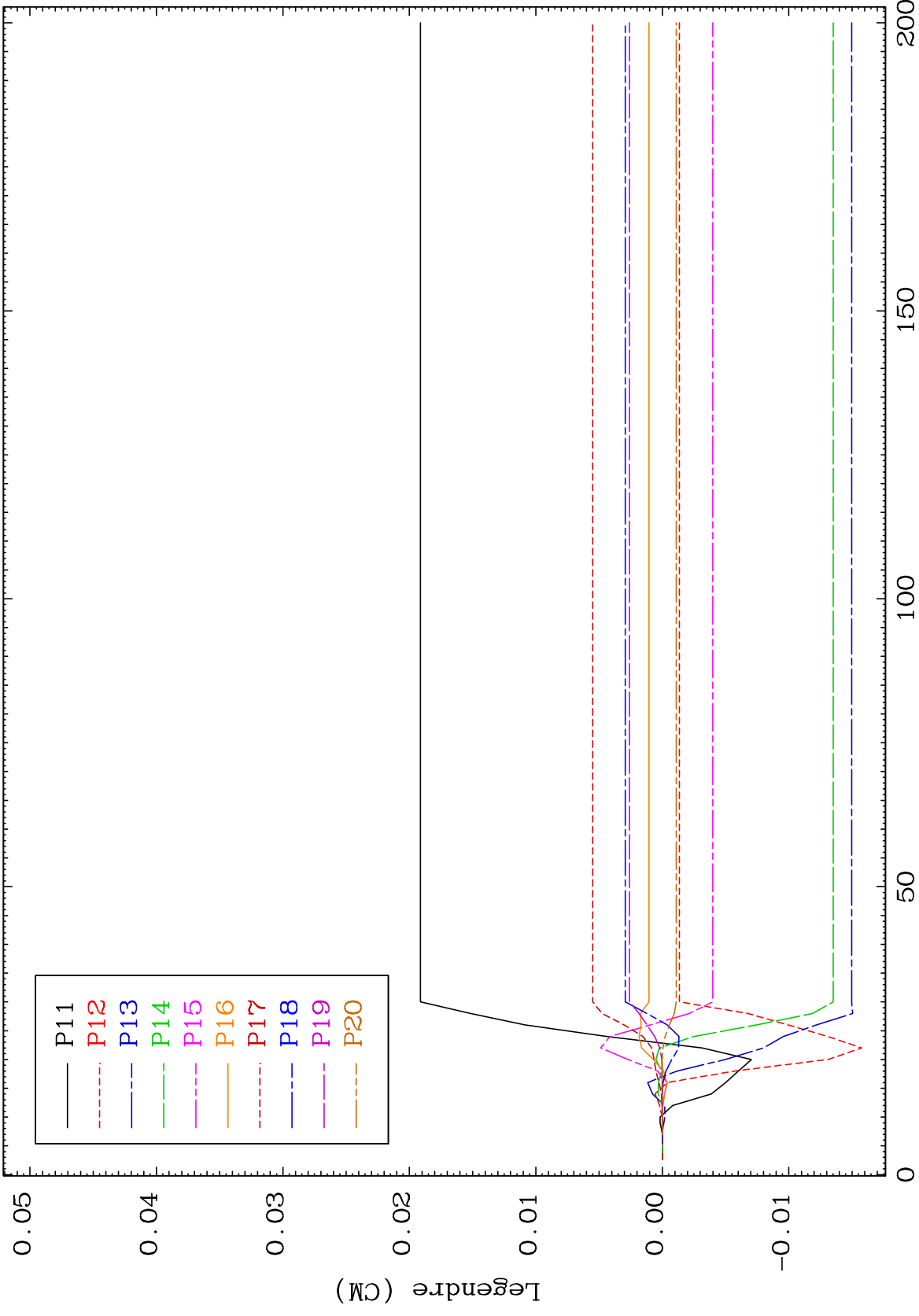
Incident Energy (MeV)

85-At-211

MAT 8549

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

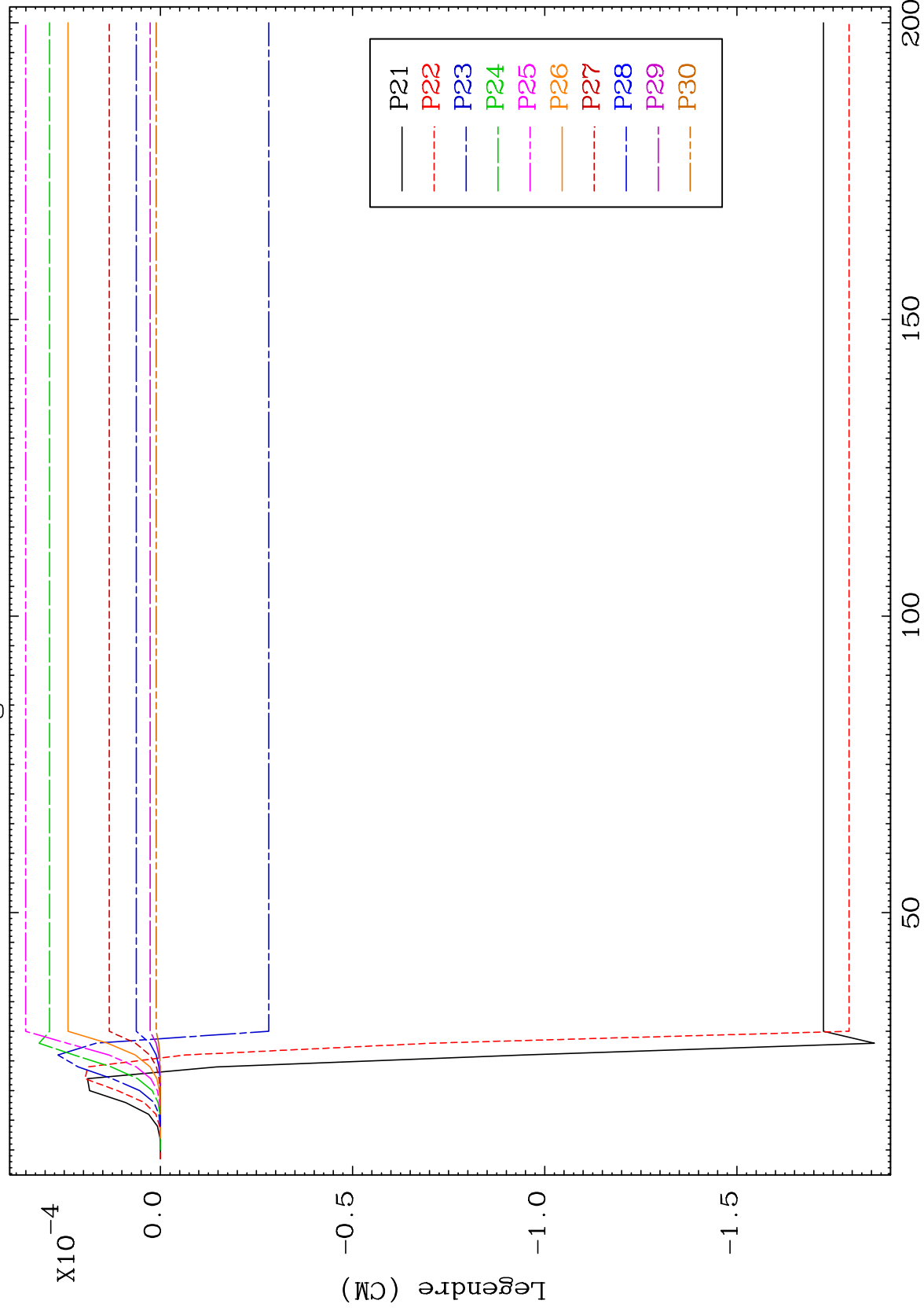
85-At-211



57

Incident Energy (MeV)

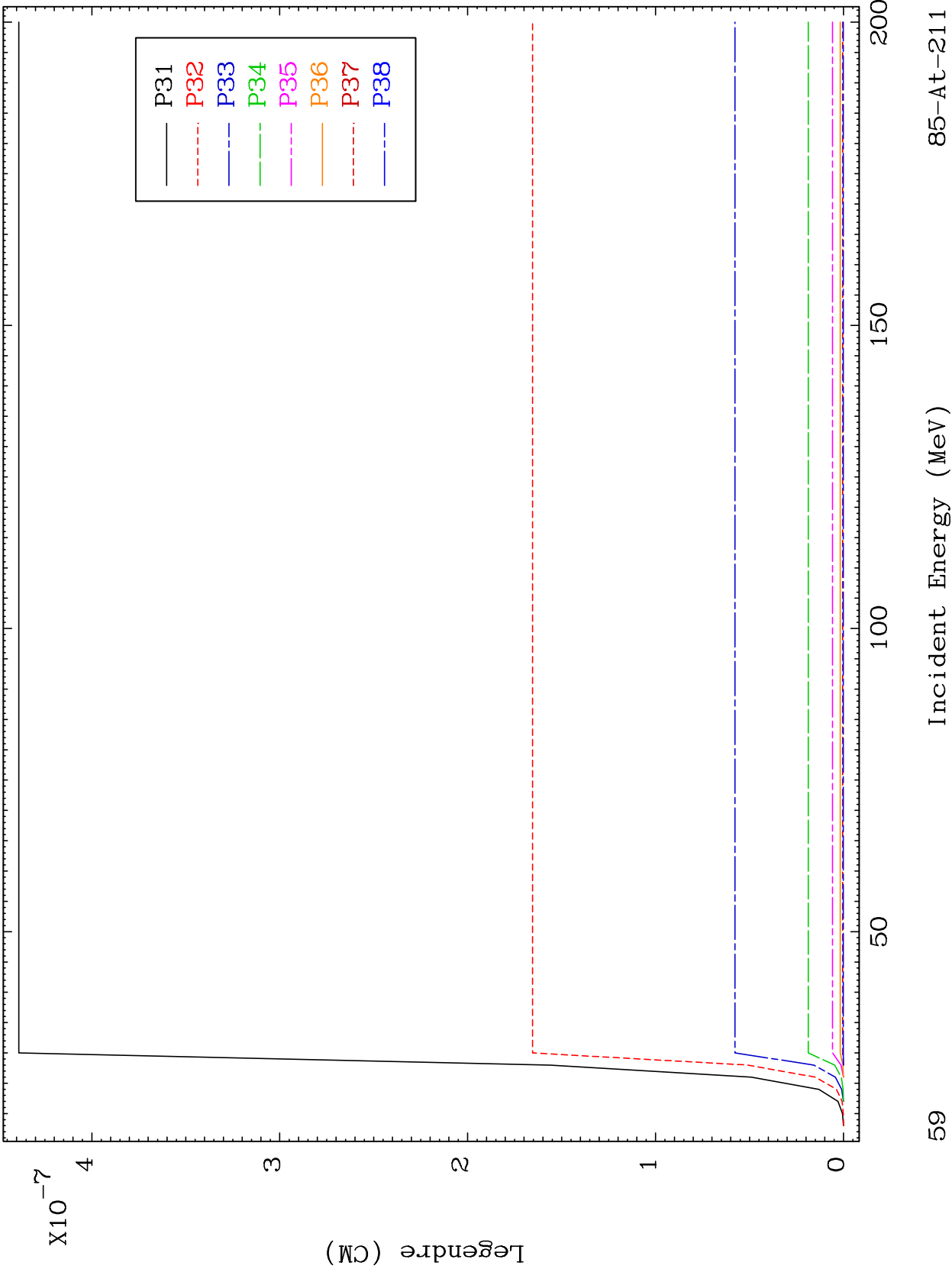
85-At-211



MAT 8549

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

85-At-211



59

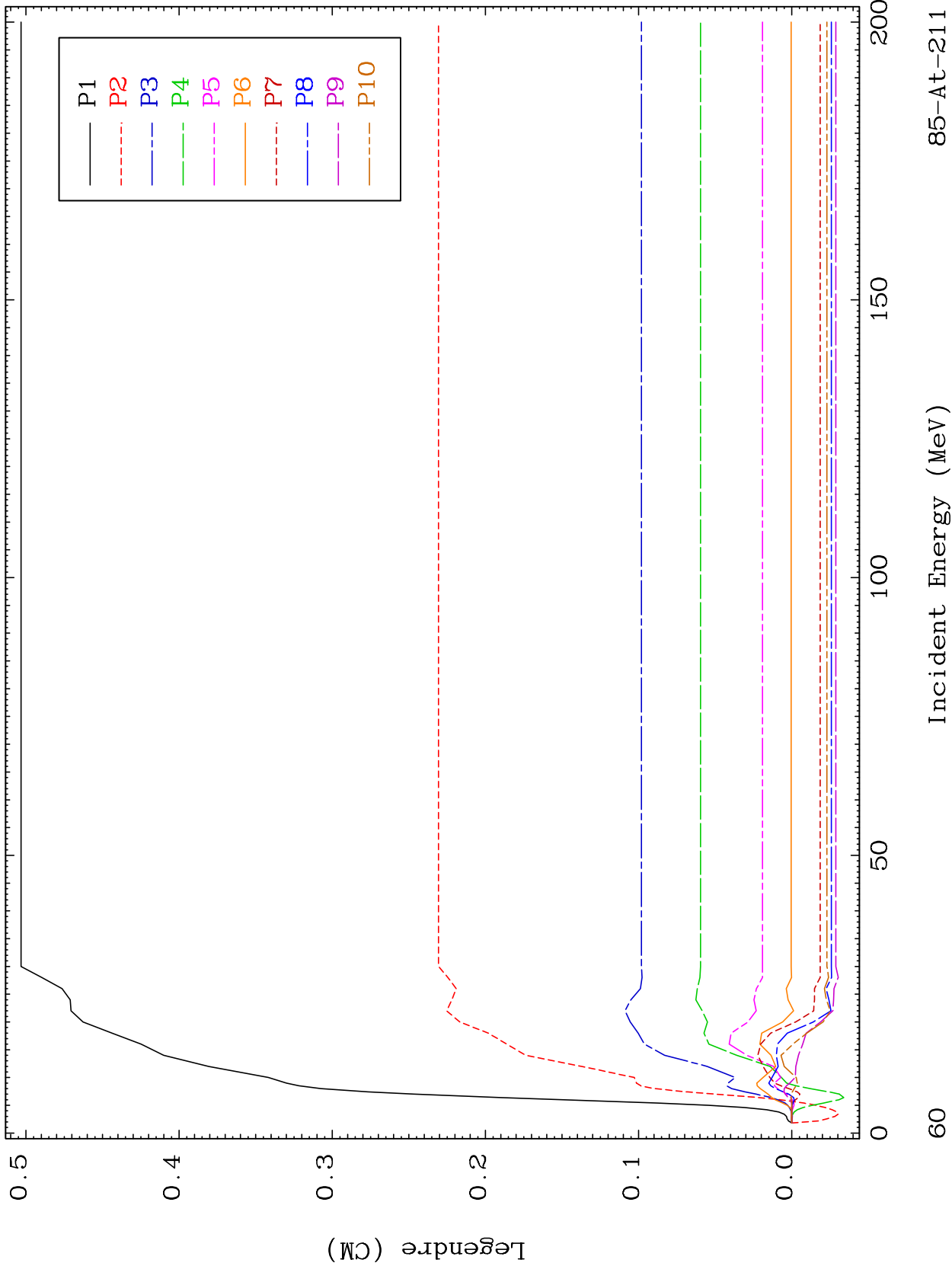
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

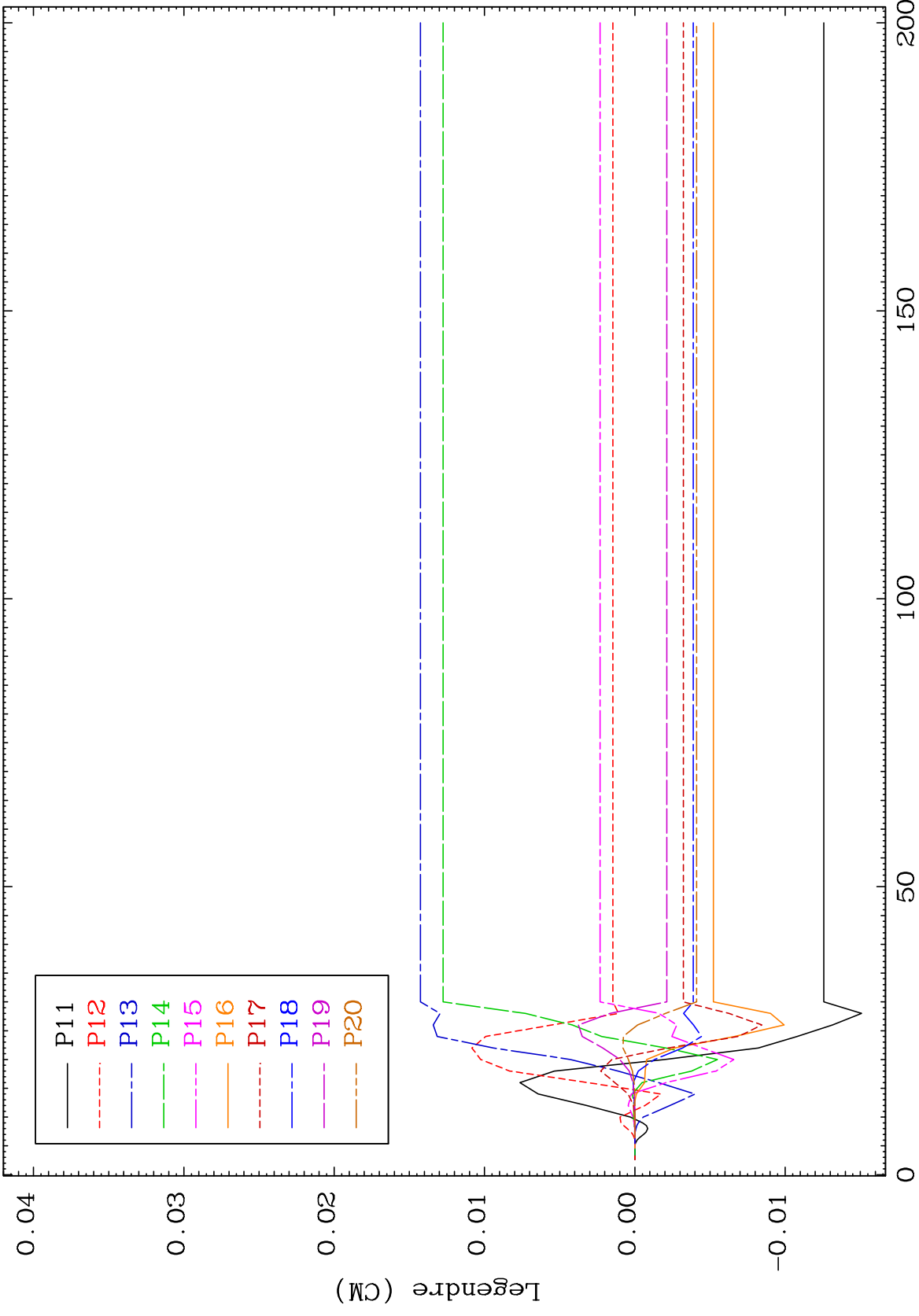


85-At-211

MAT 8549

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

85-At-211



61

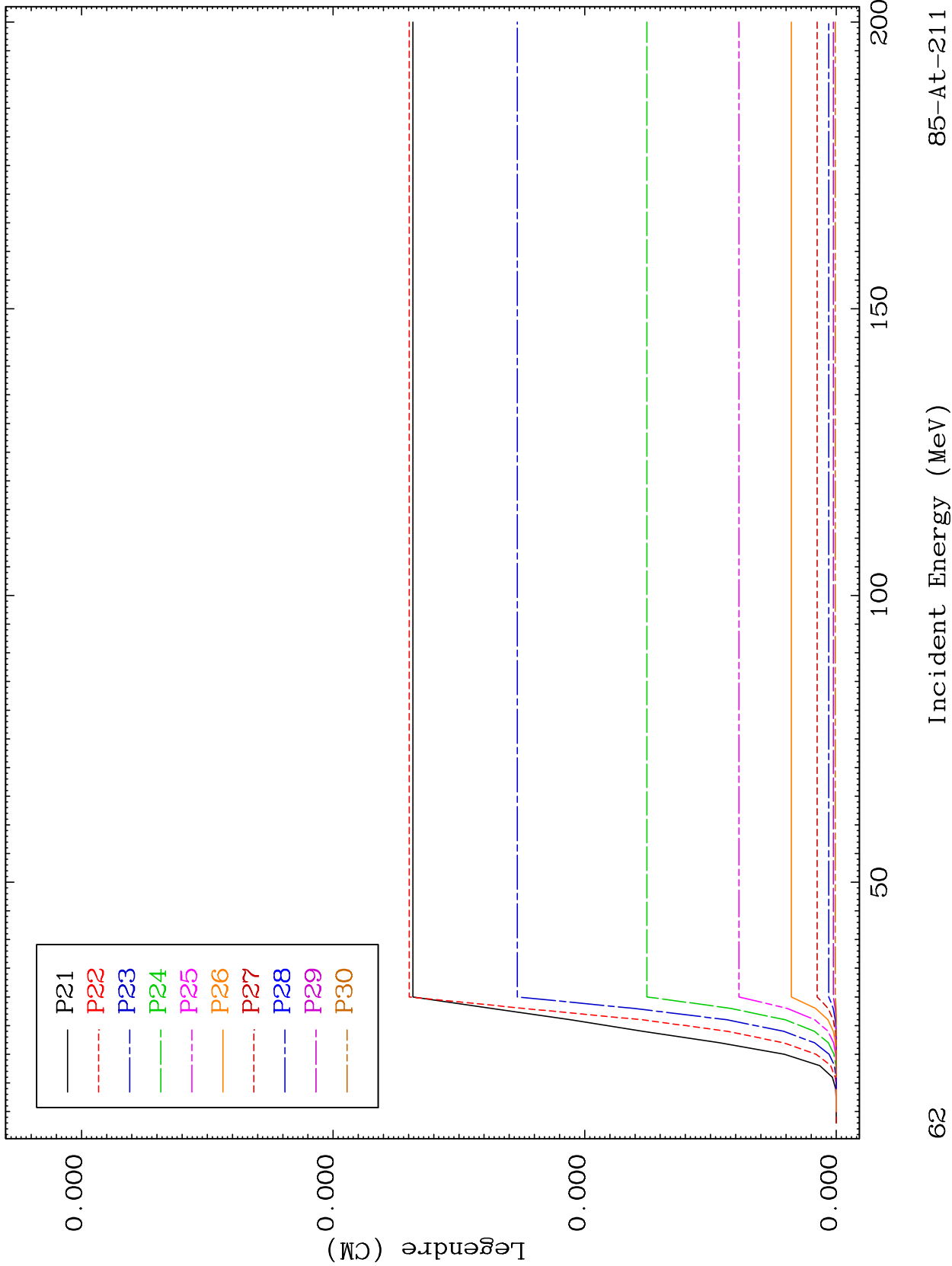
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



62

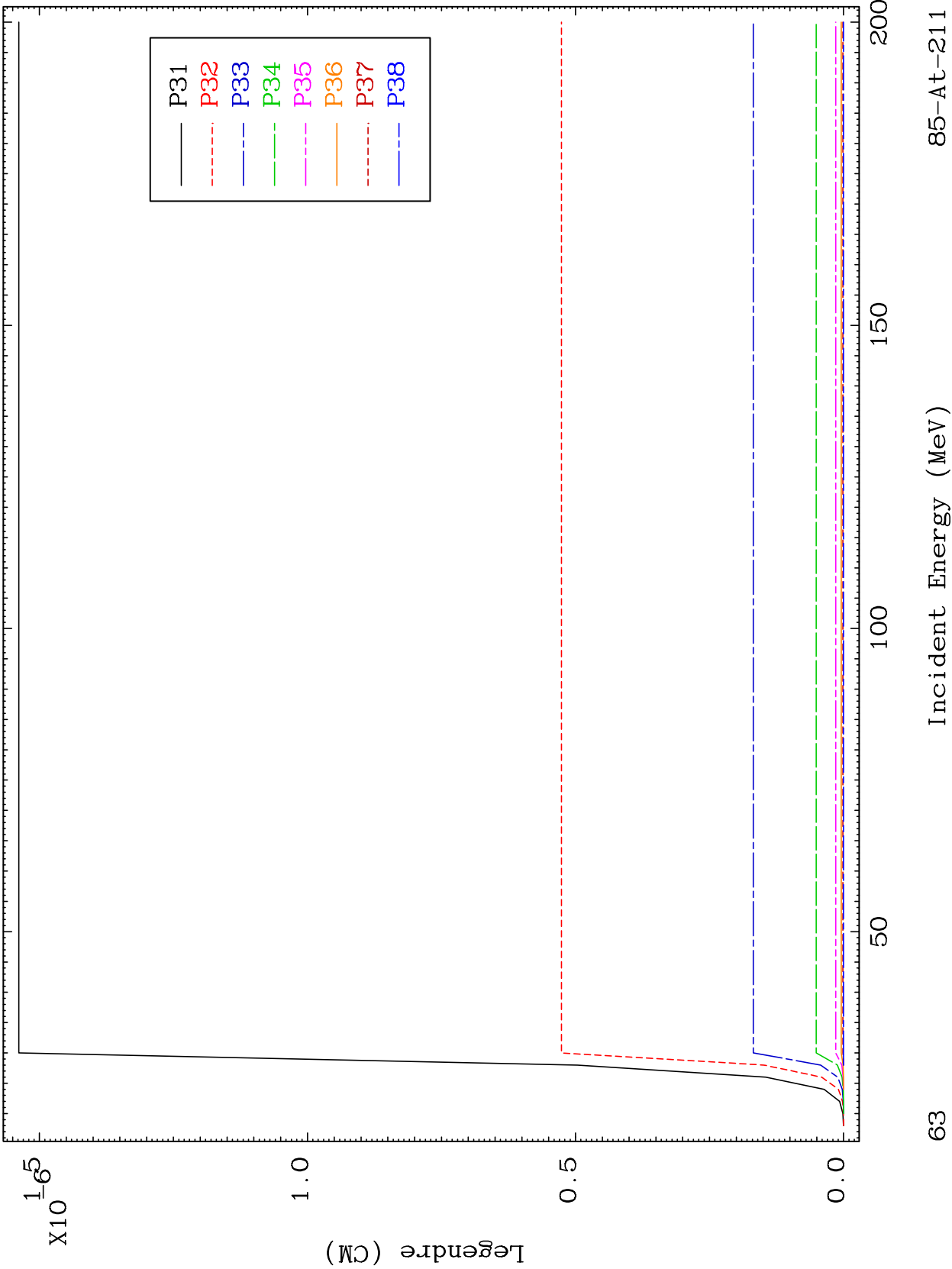
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

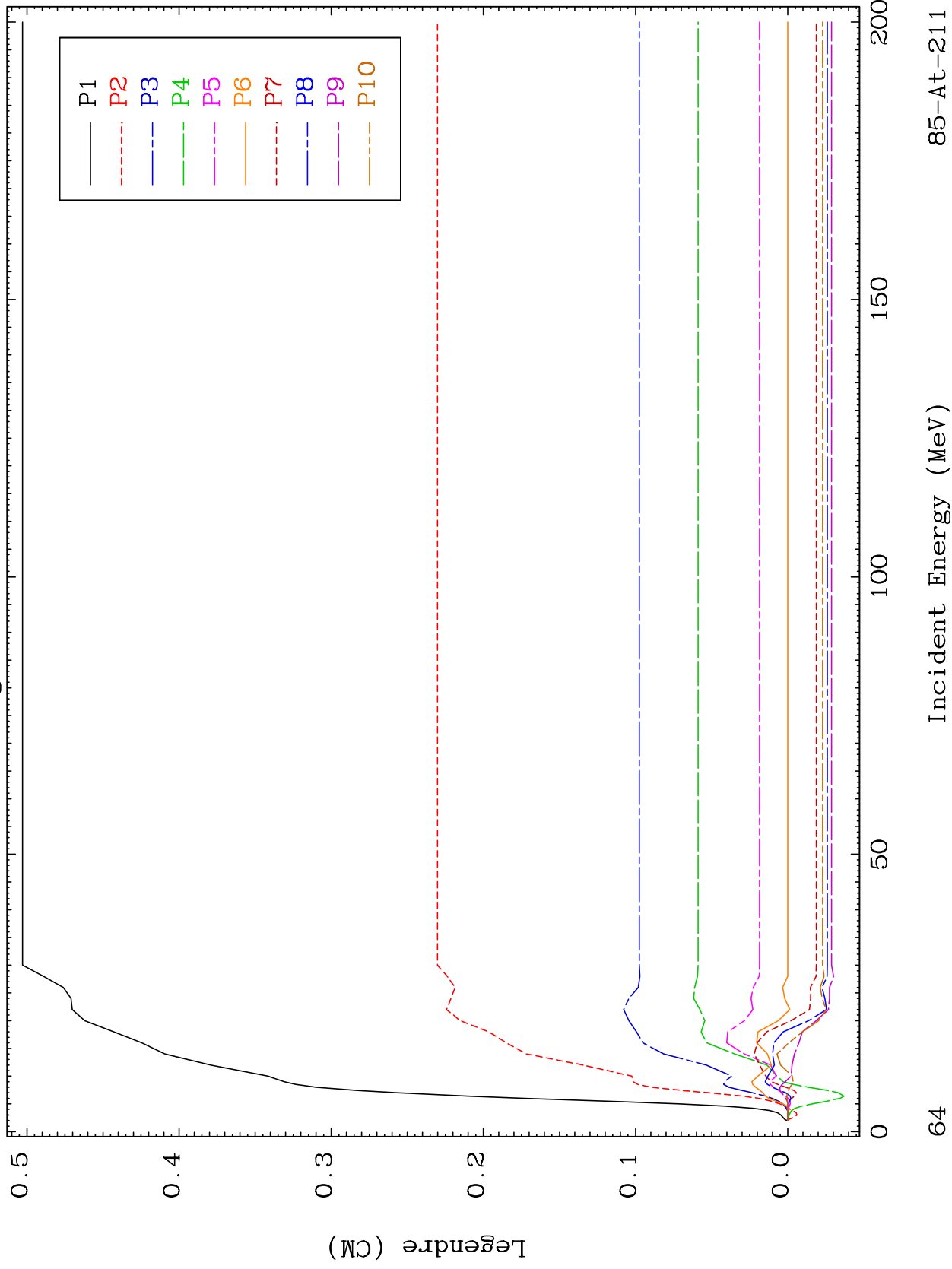




MAT 8549

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

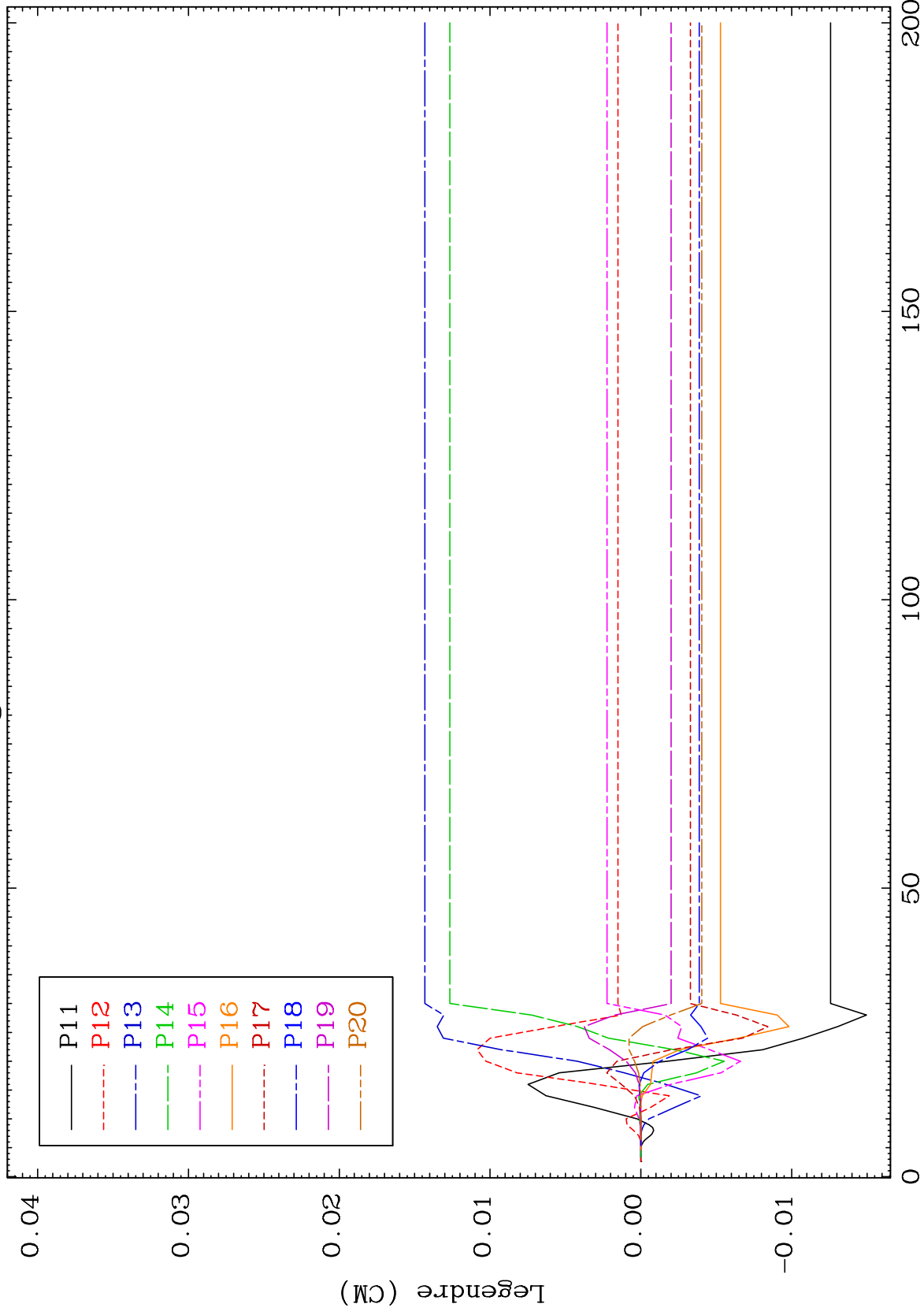
85-At-211



MAT 8549

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

85-At-211



65

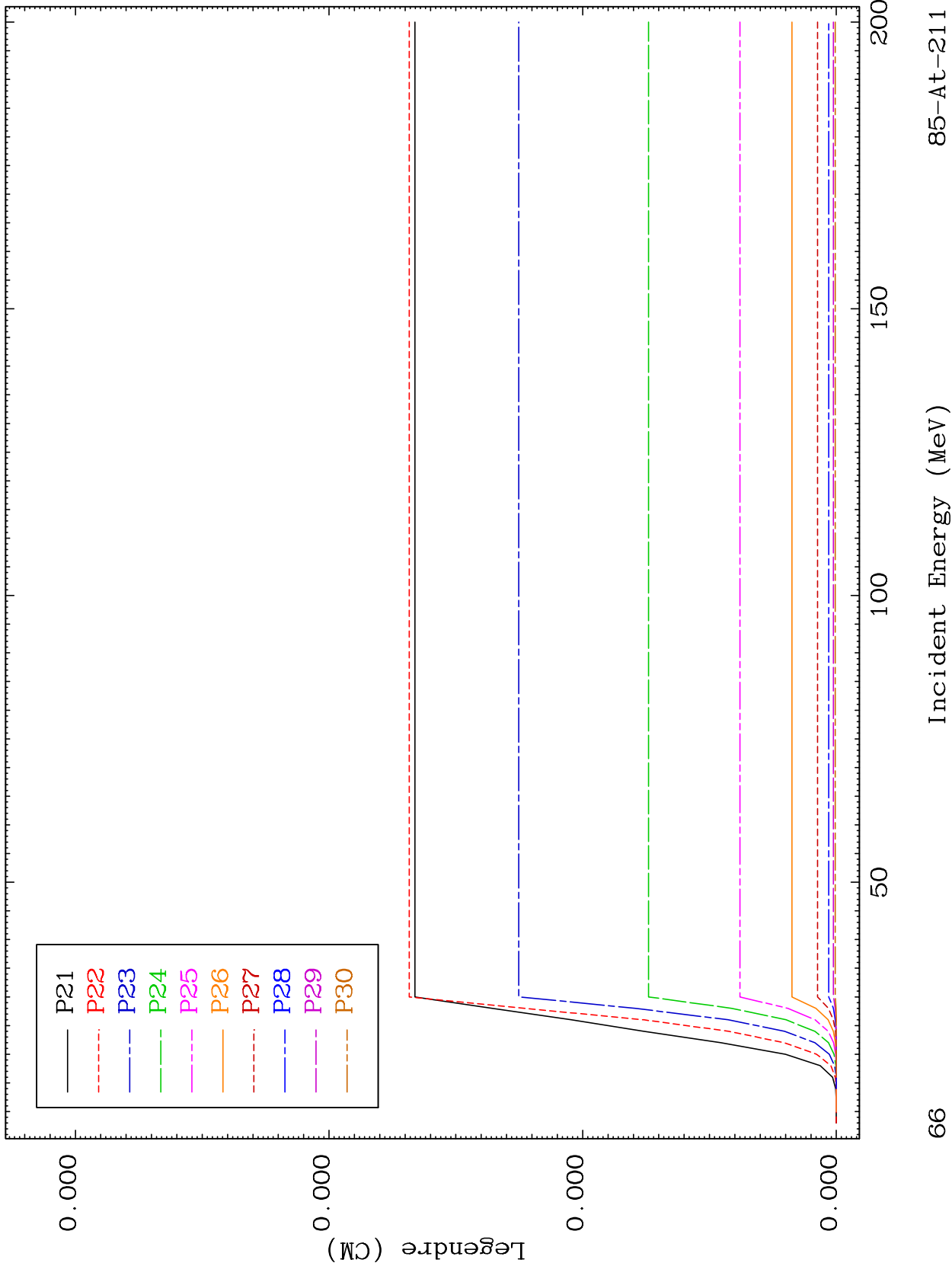
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



66

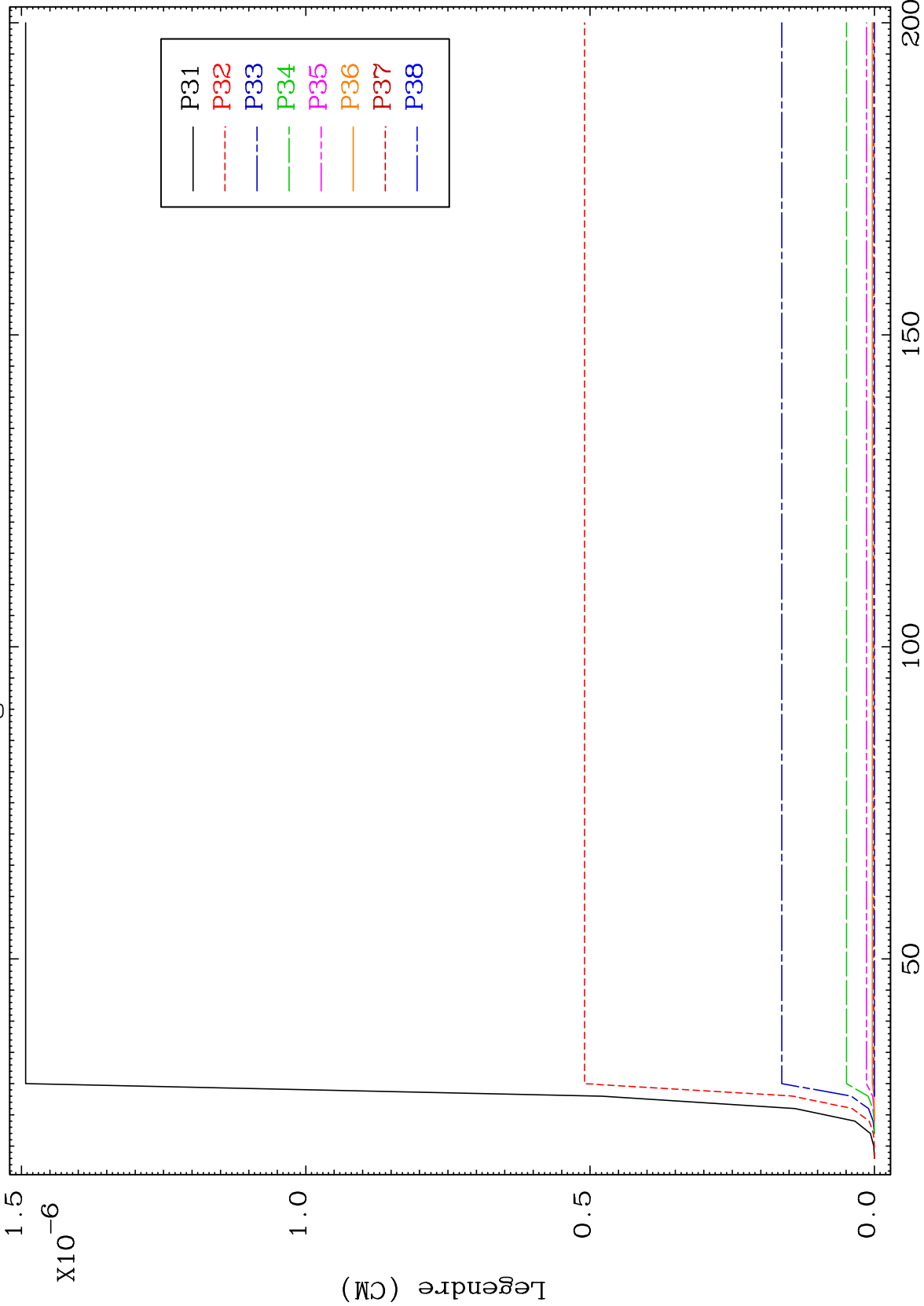
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



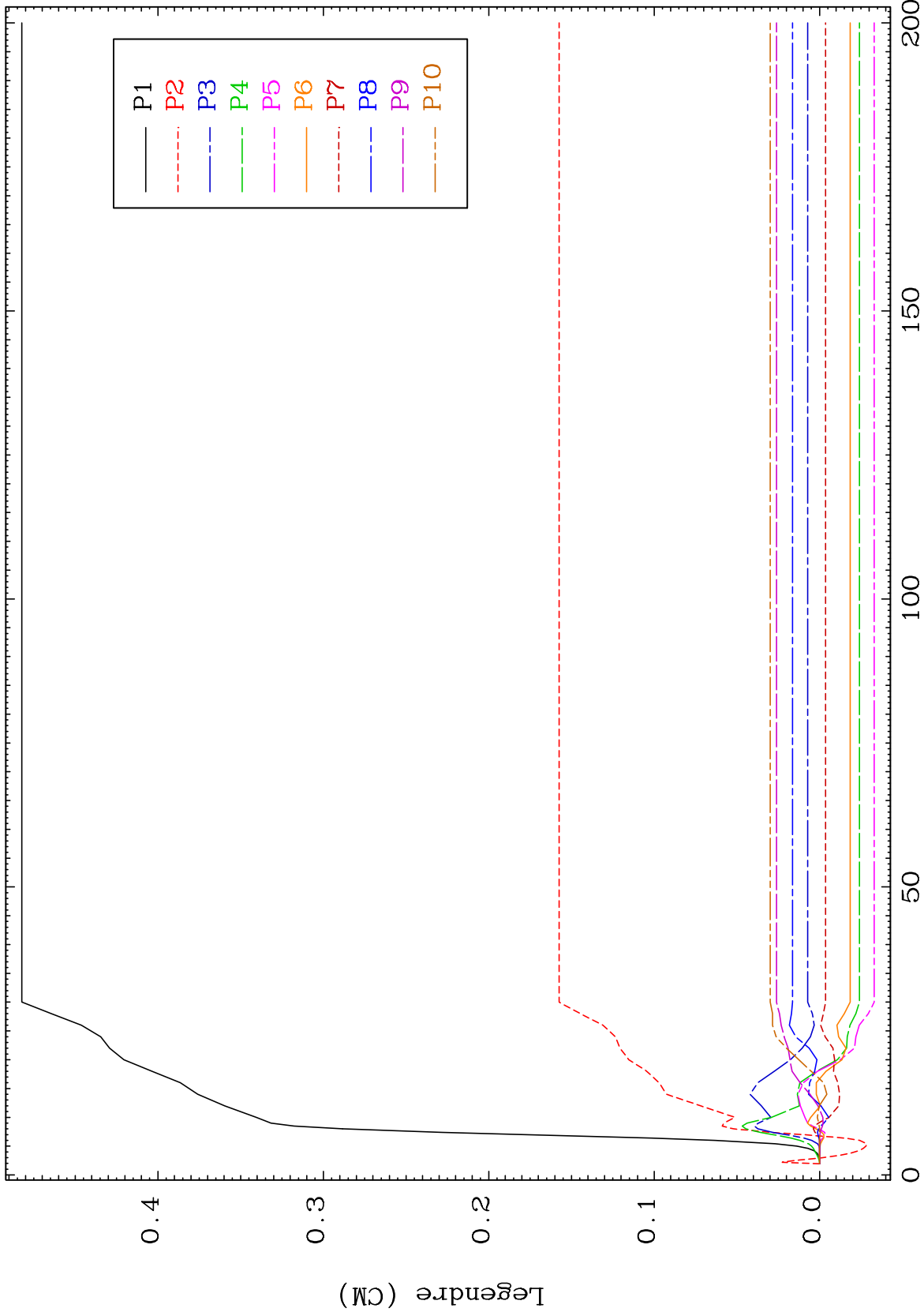
67

85-At-211

MAT 8549

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

85-At-211



68

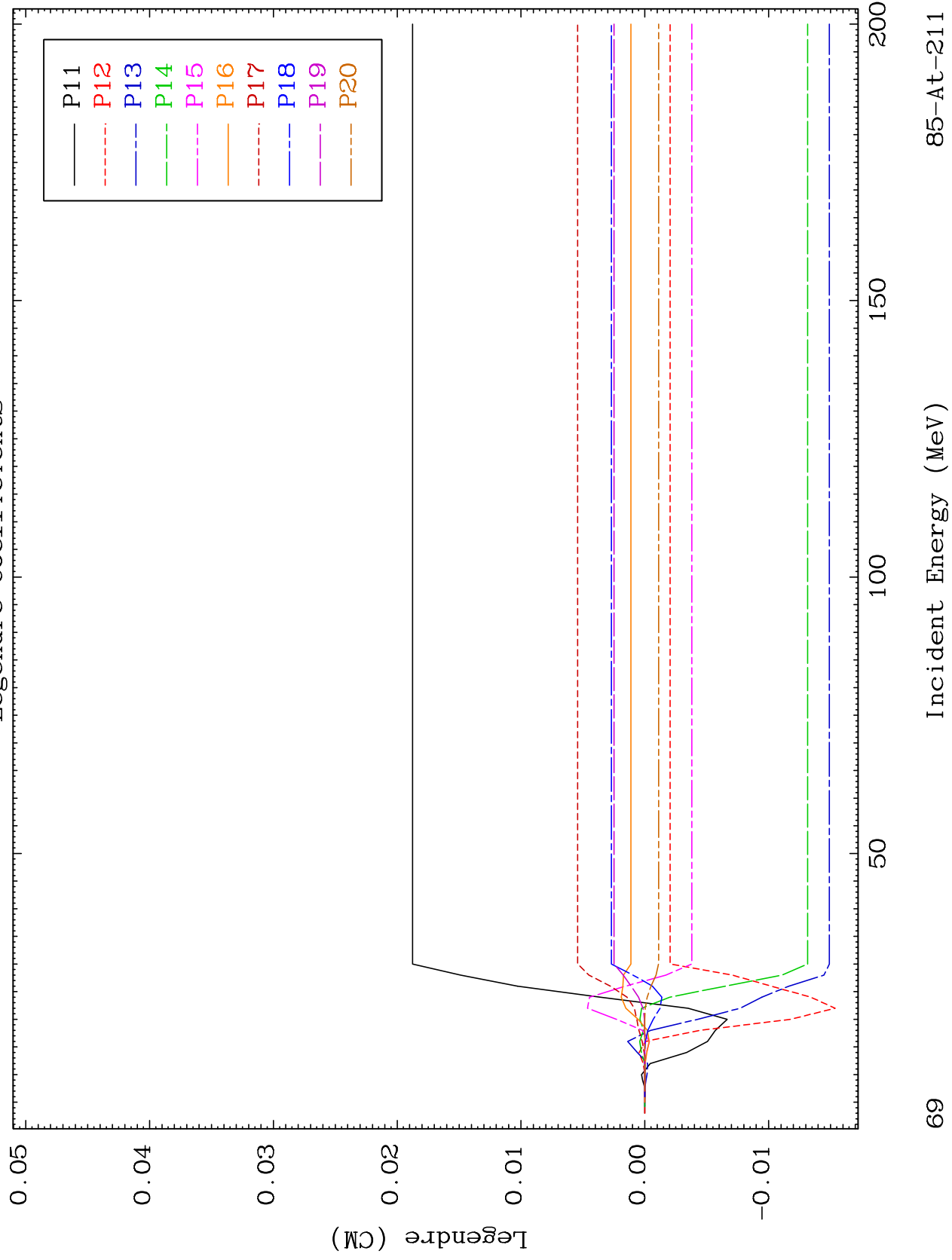
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



69

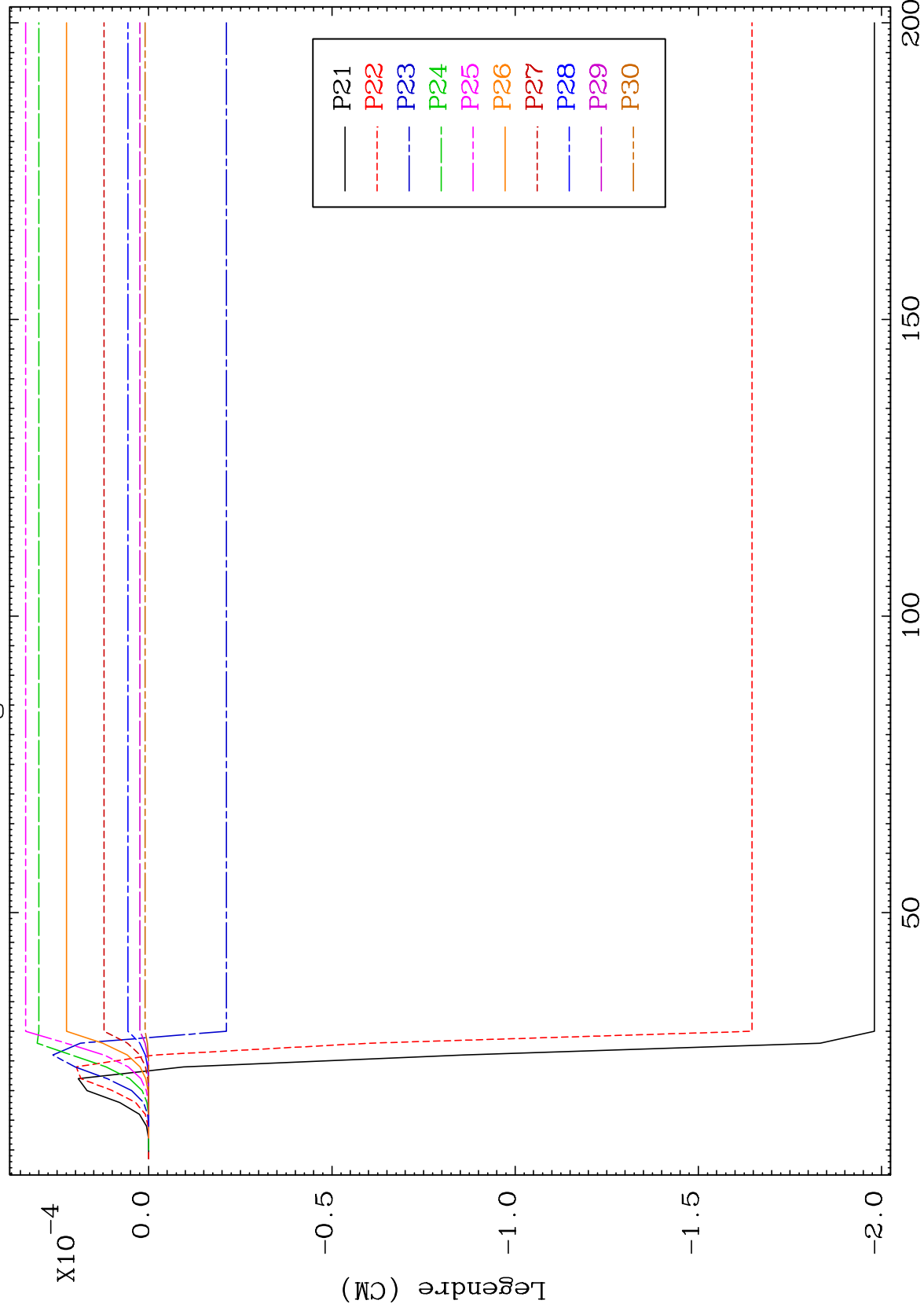
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



70

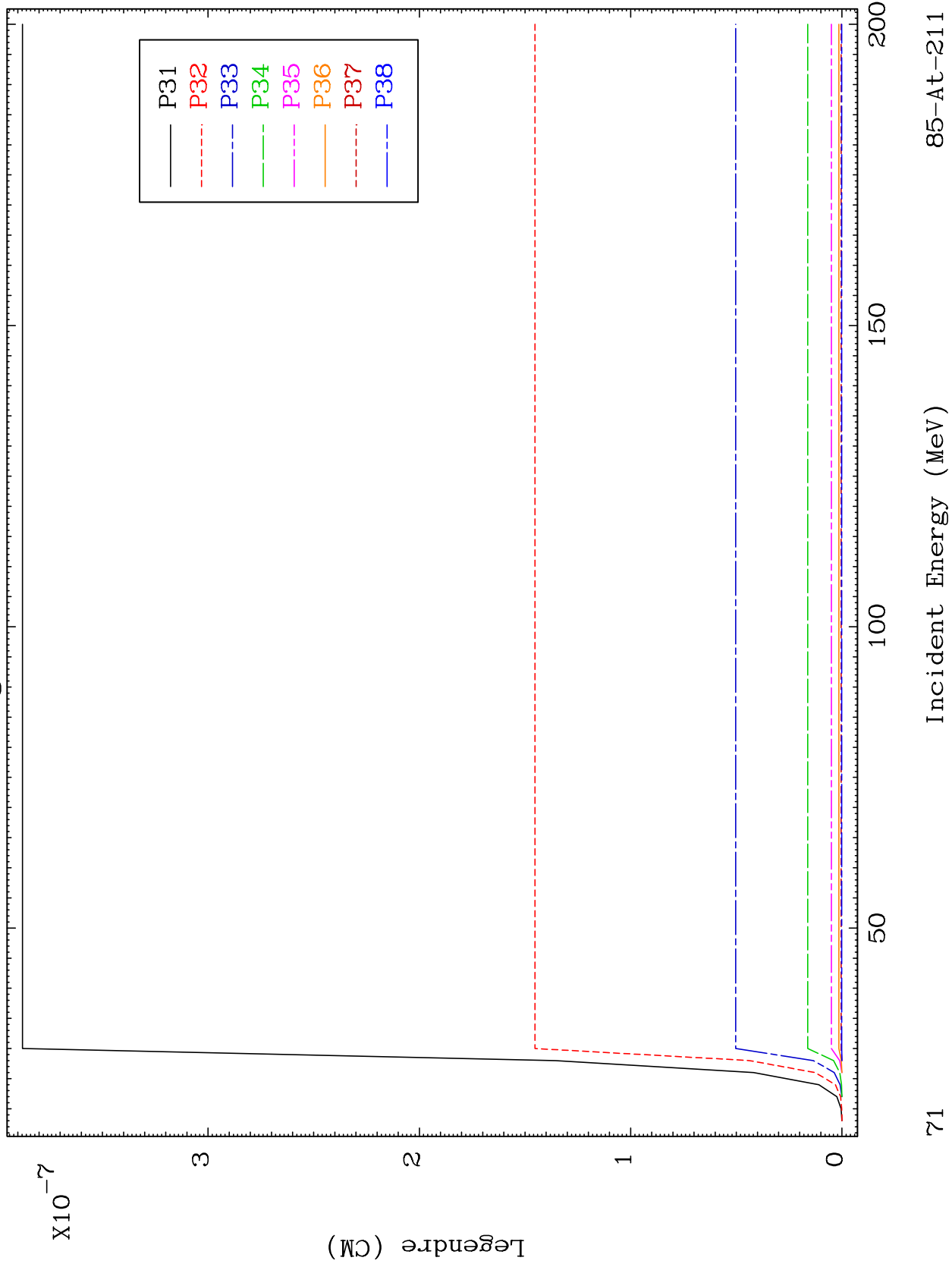
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

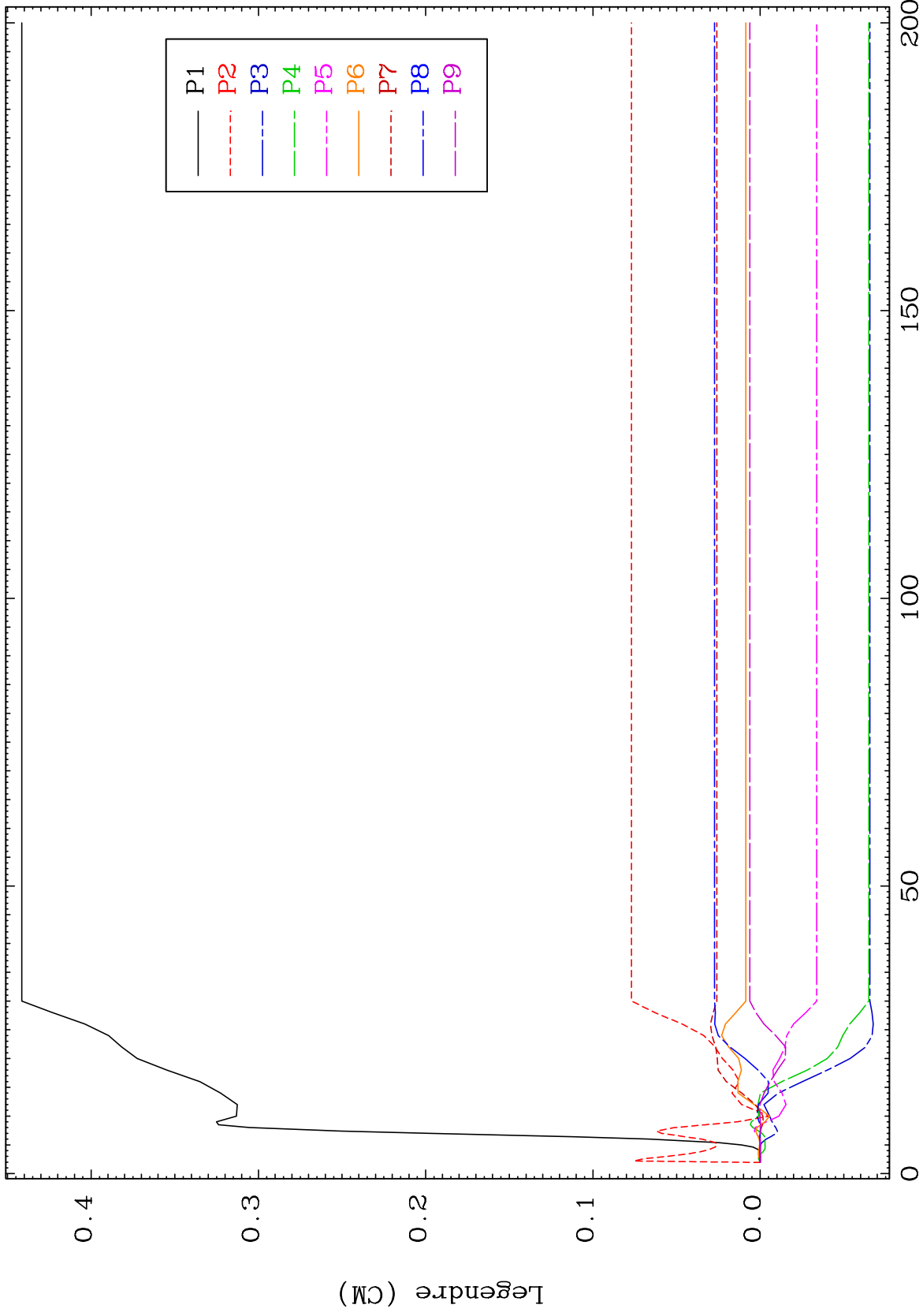




MAT 8549

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

85-At-211



72

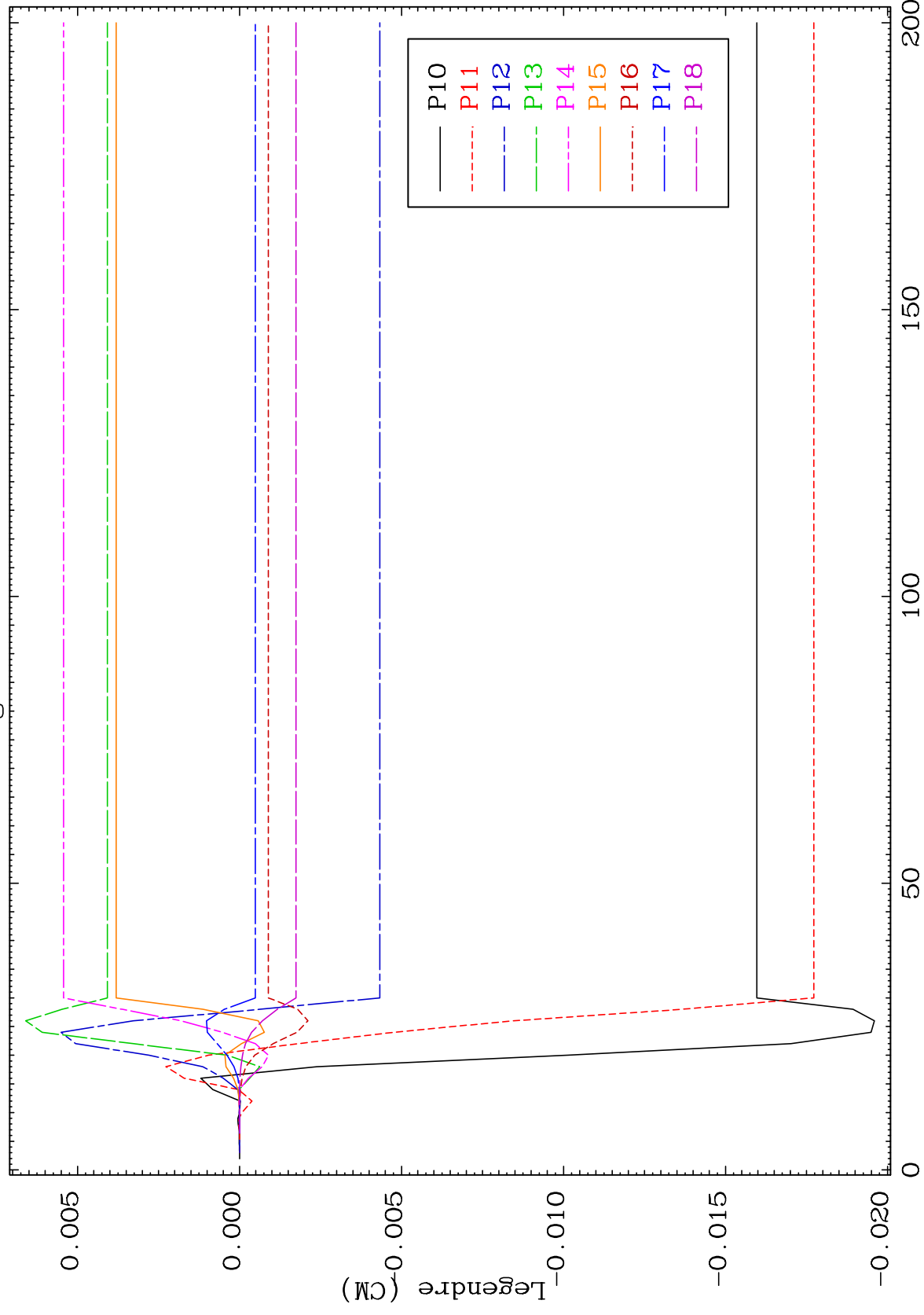
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



73

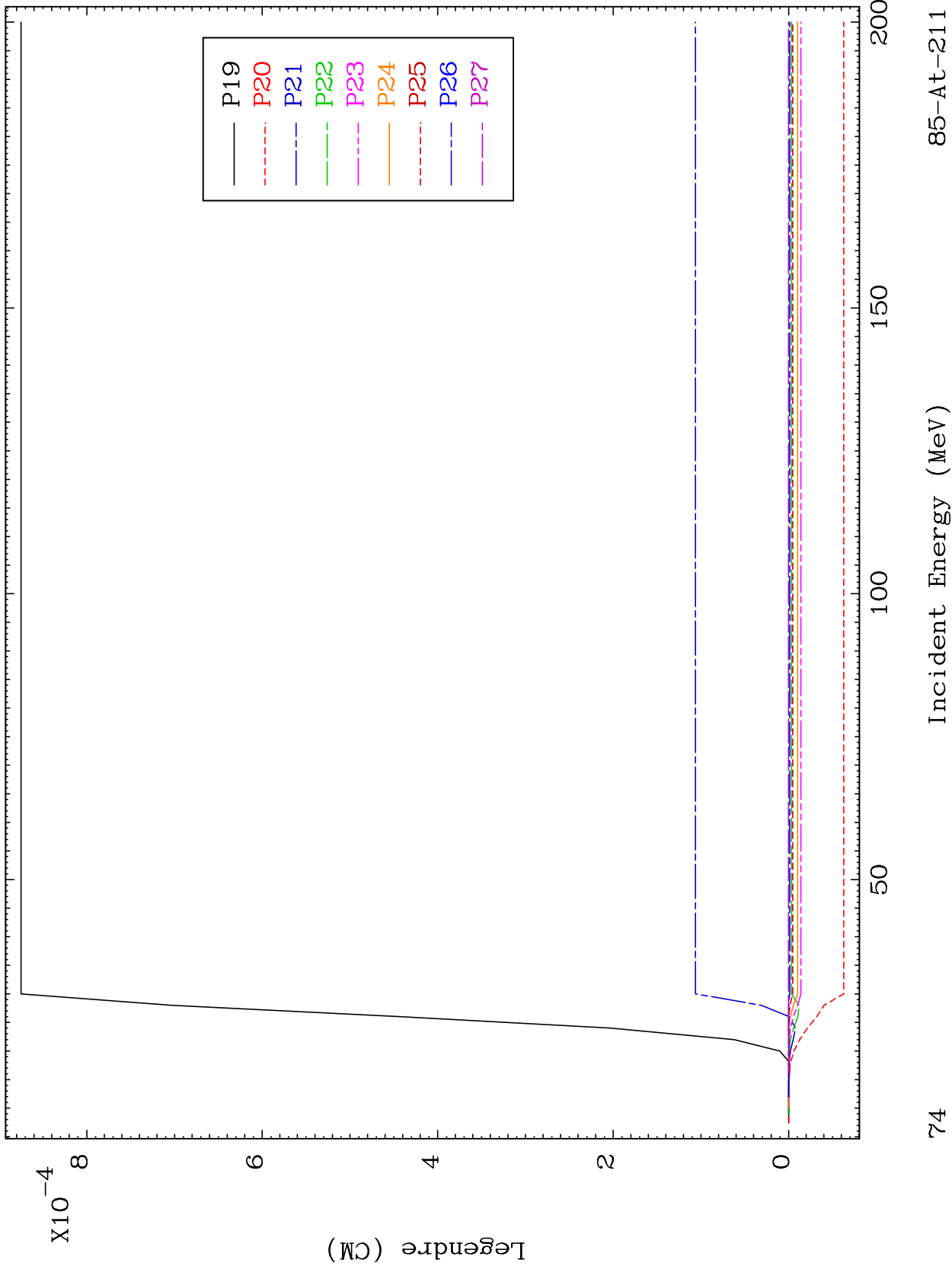
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



74

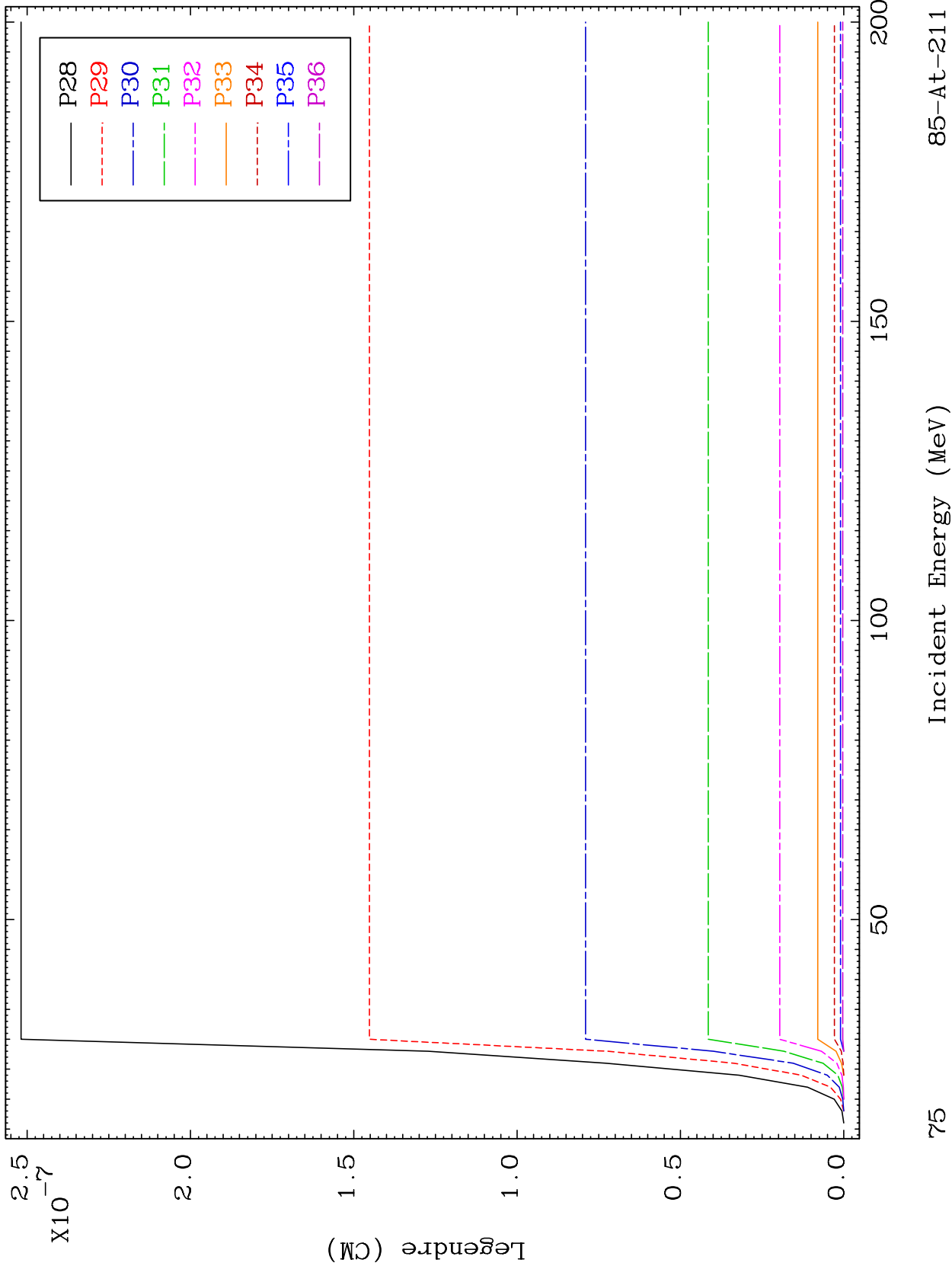
Incident Energy (MeV)

85-At-211

MAT 8549

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

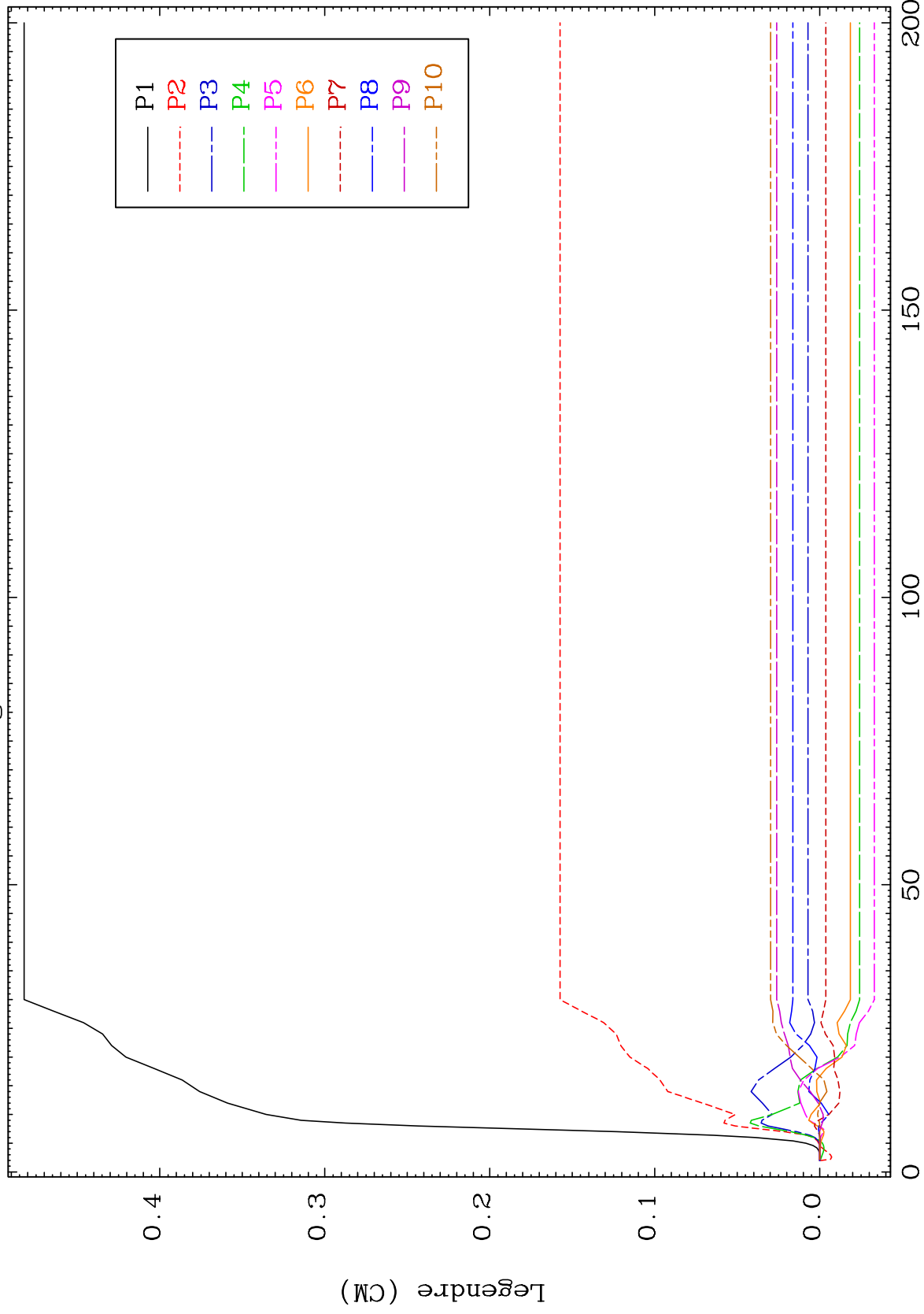
85-At-211



MAT 8549

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

85-At-211



76

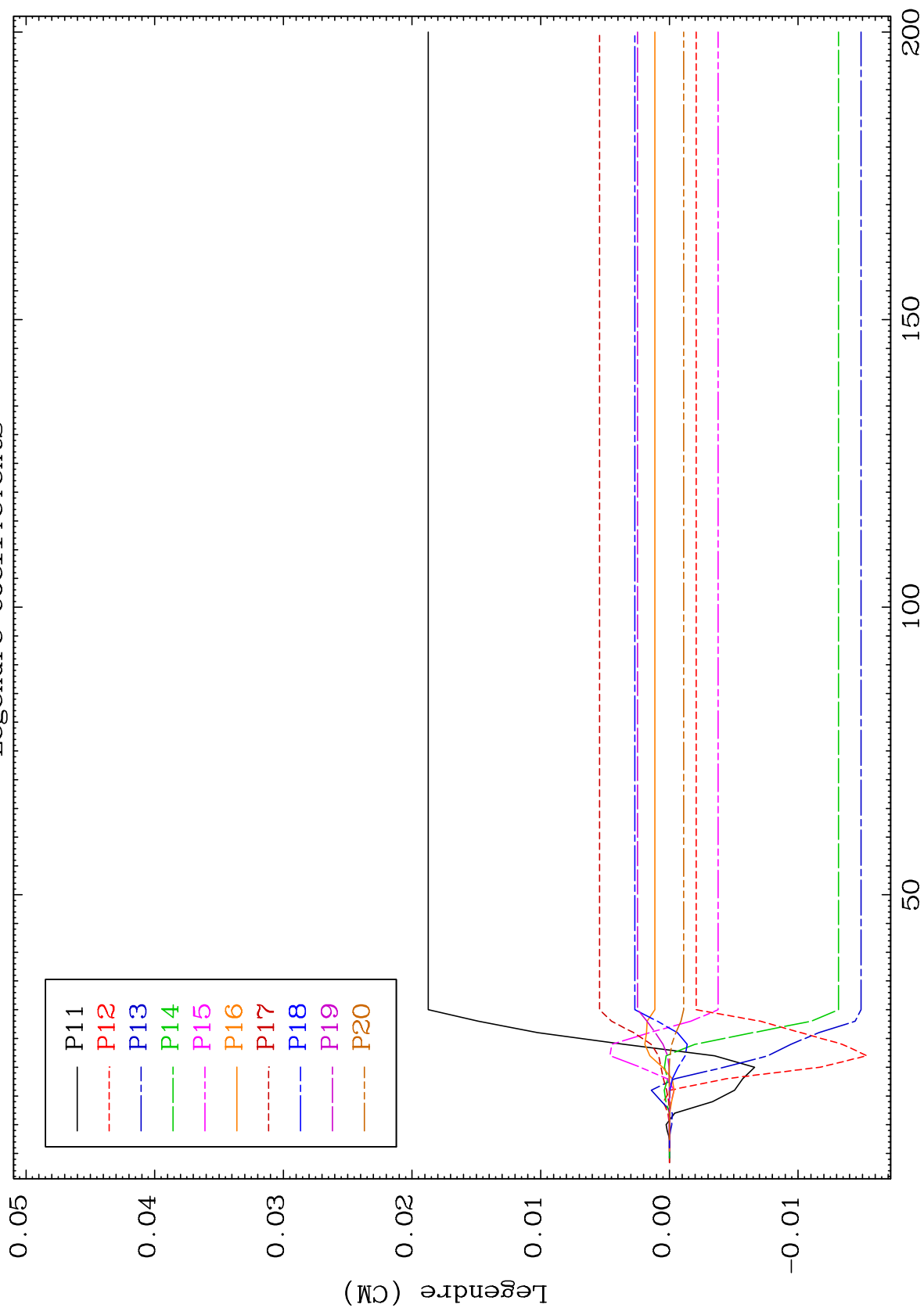
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



77

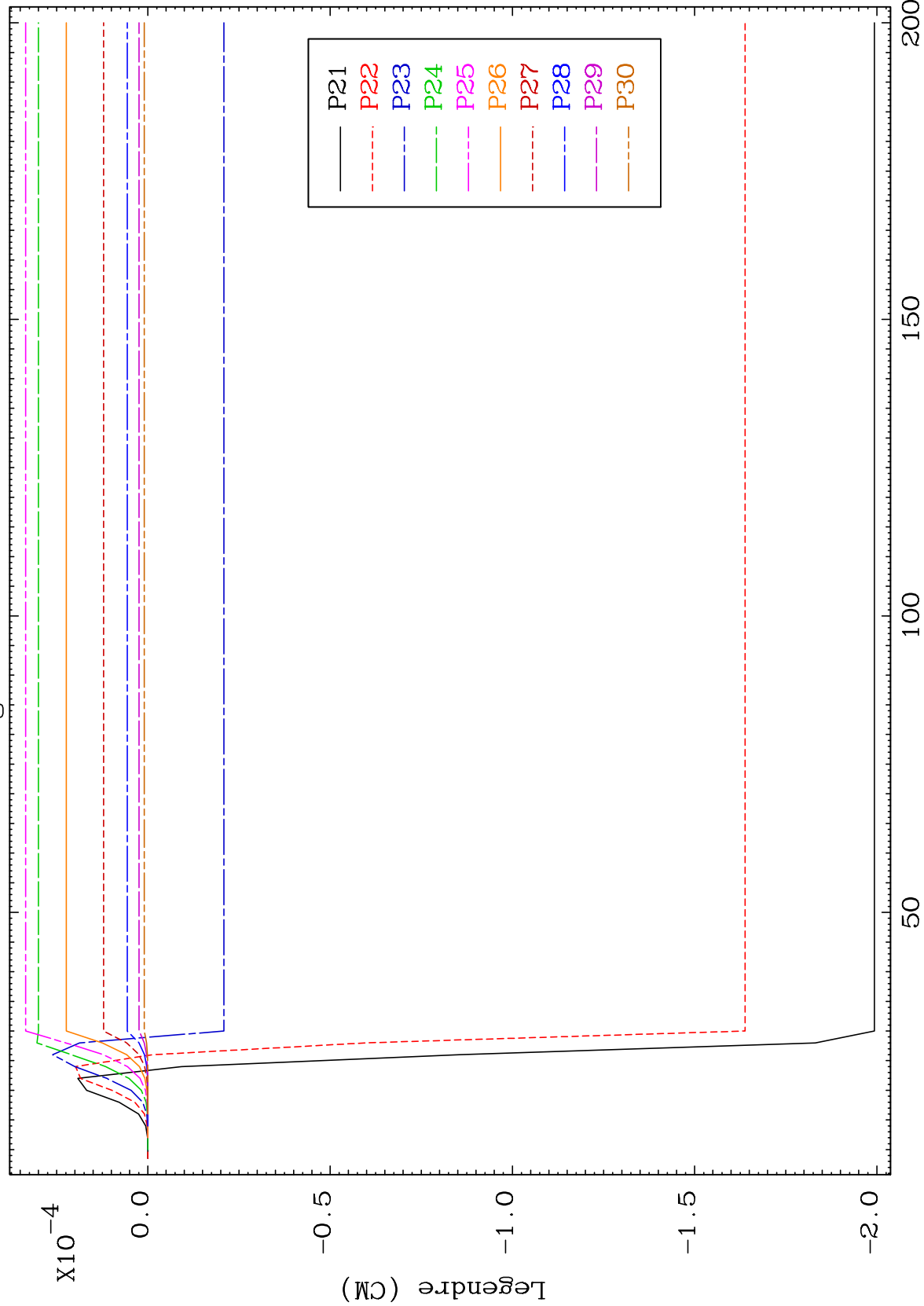
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



78

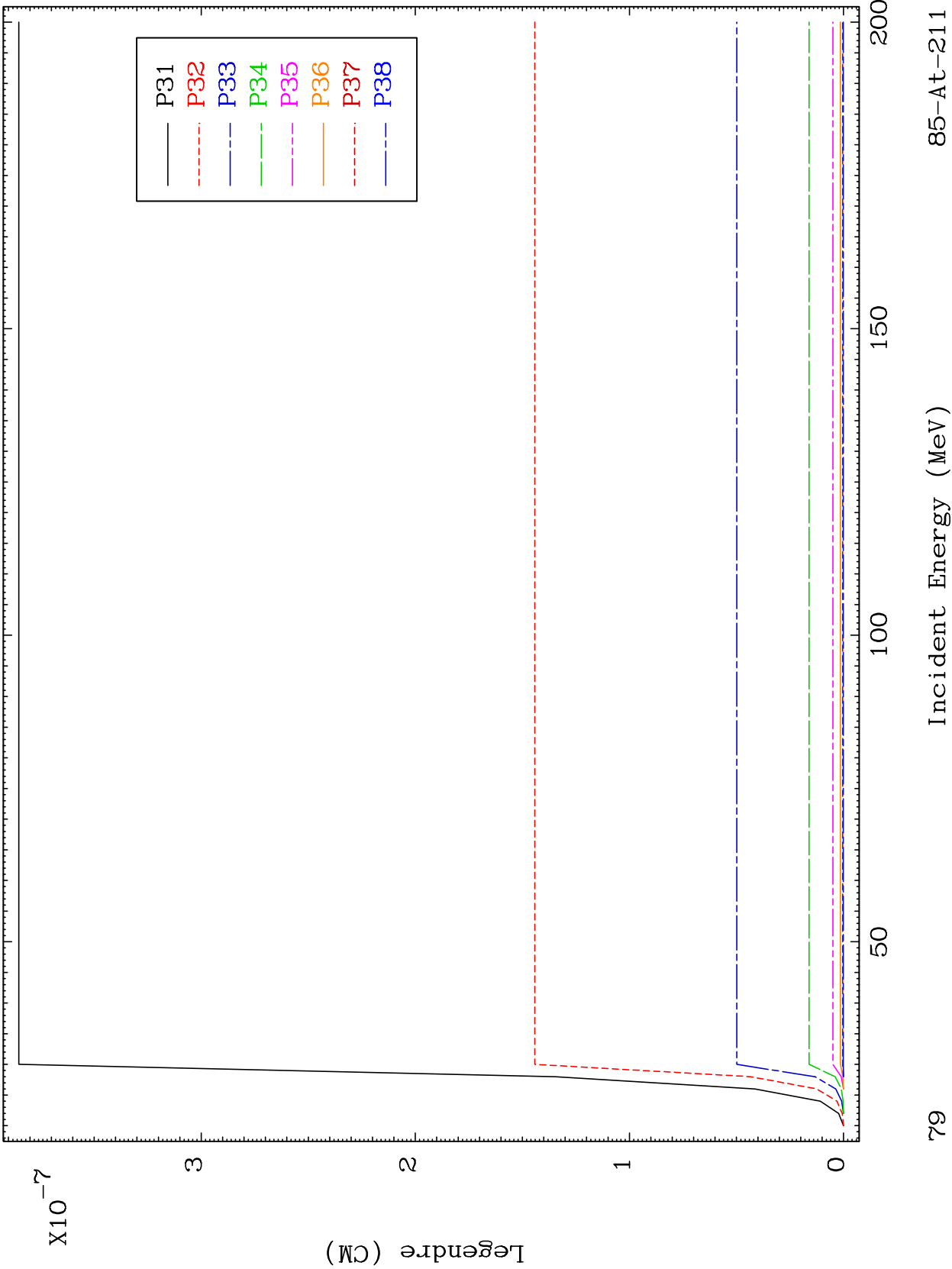
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

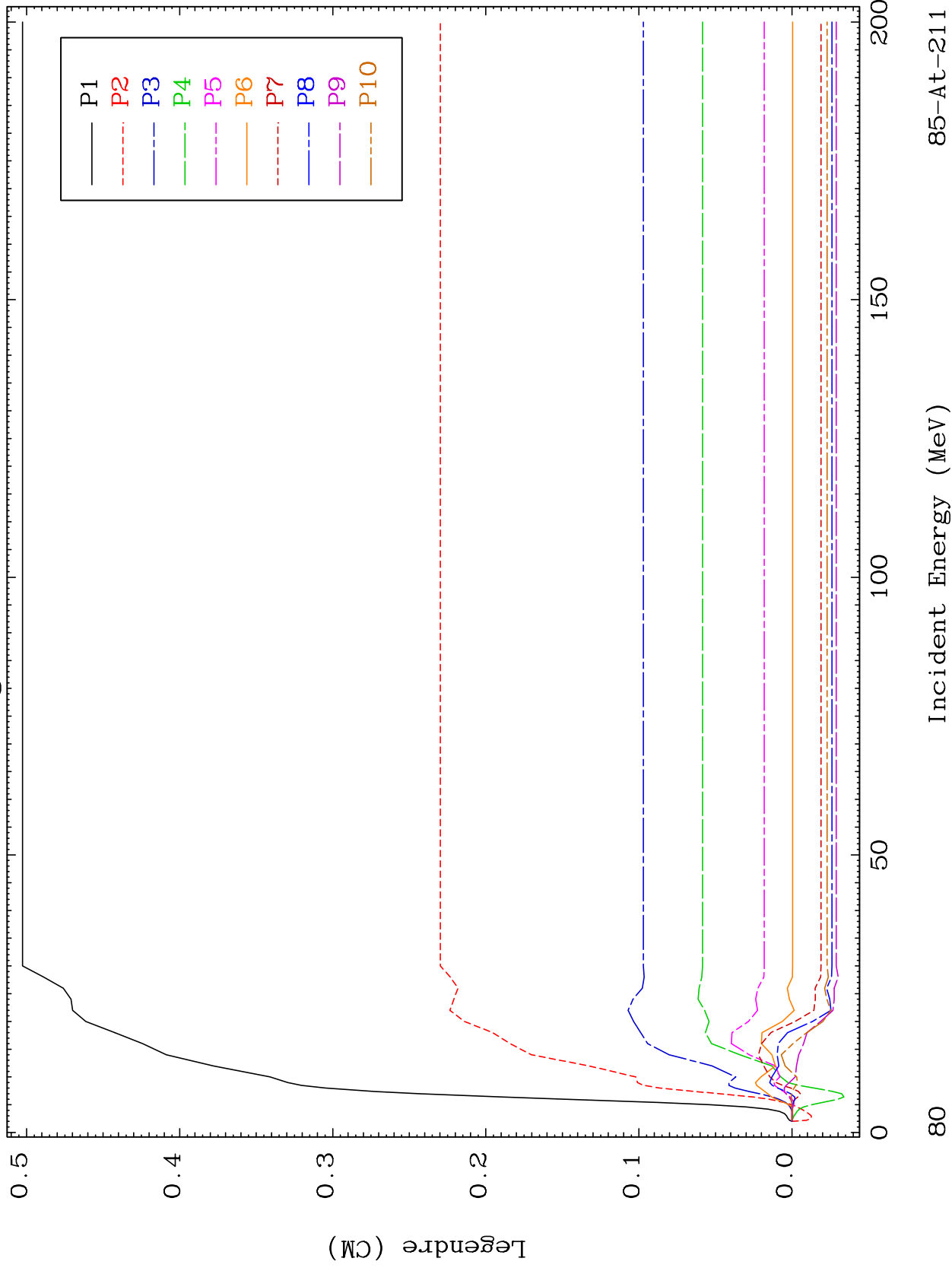




MAT 8549

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

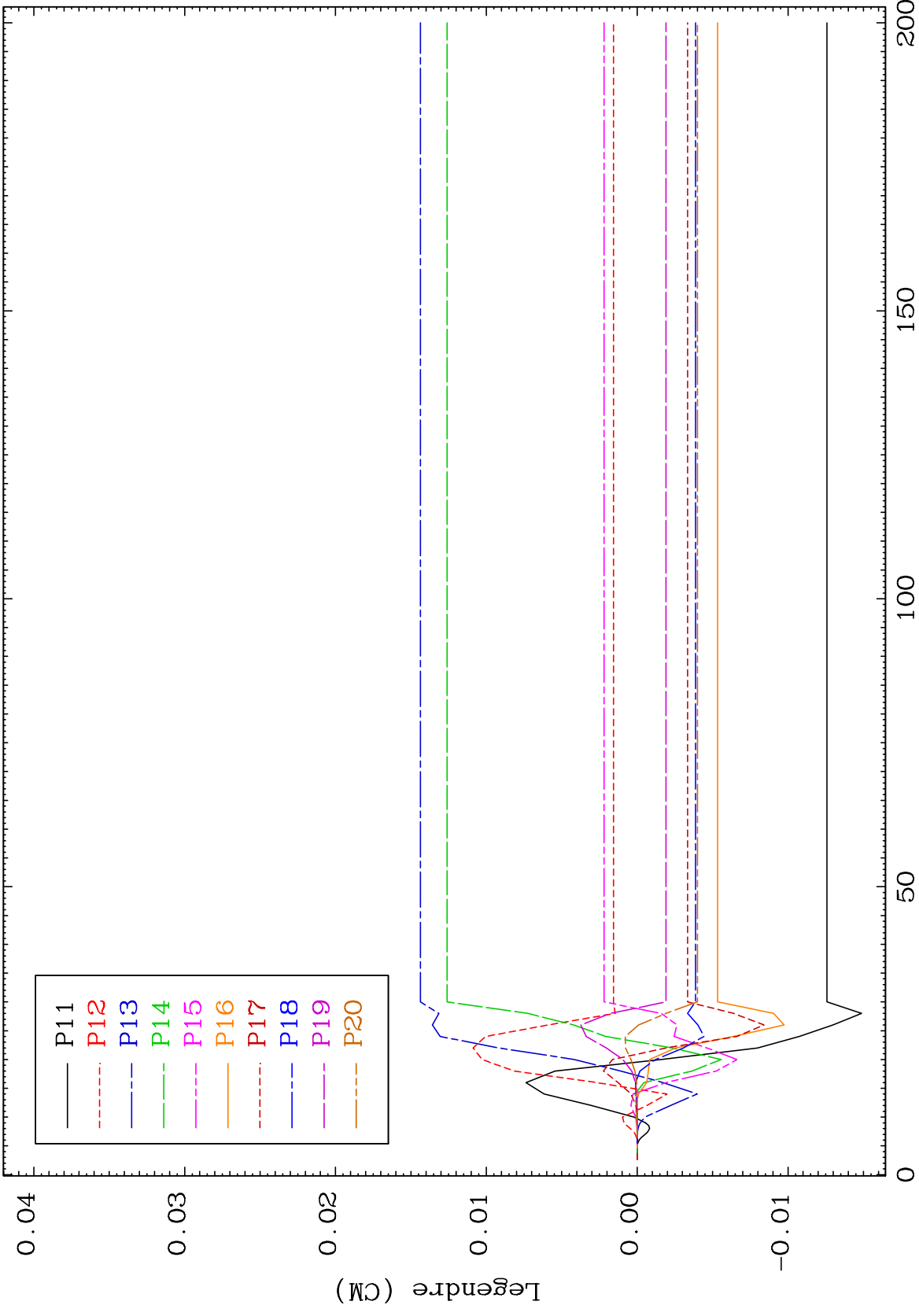
85-At-211



MAT 8549

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

85-At-211



81

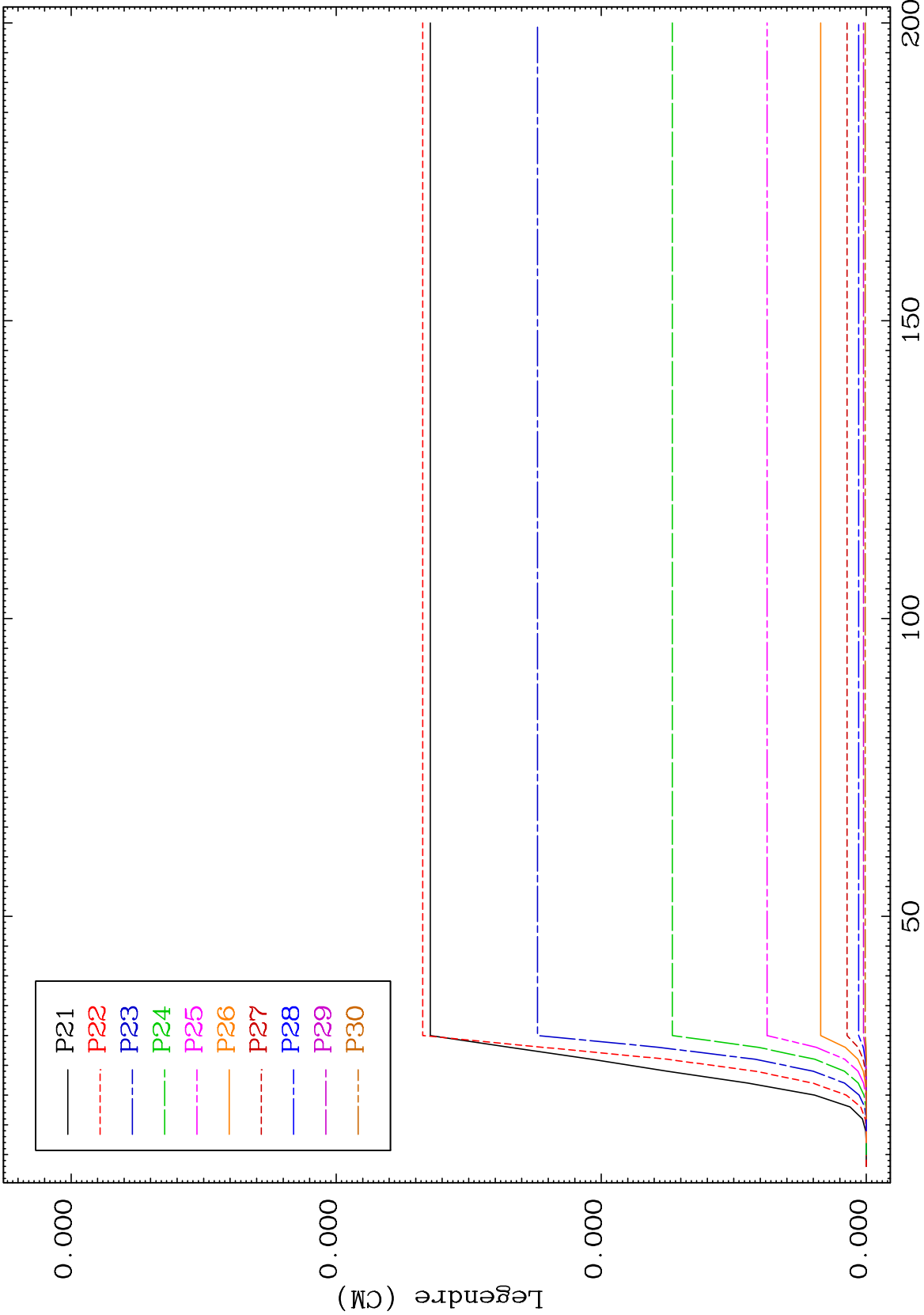
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



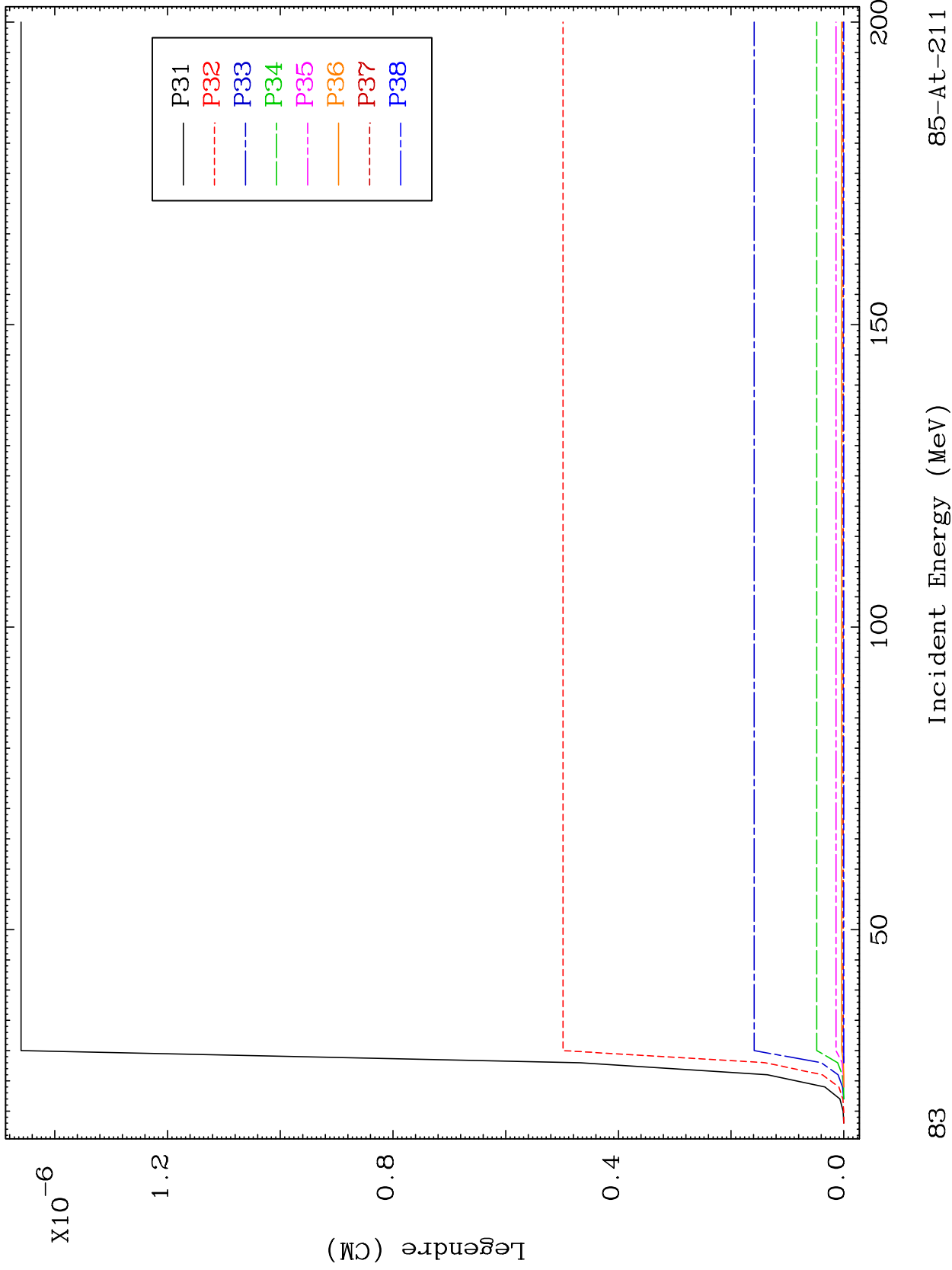
82

85-At-211

MAT 8549

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

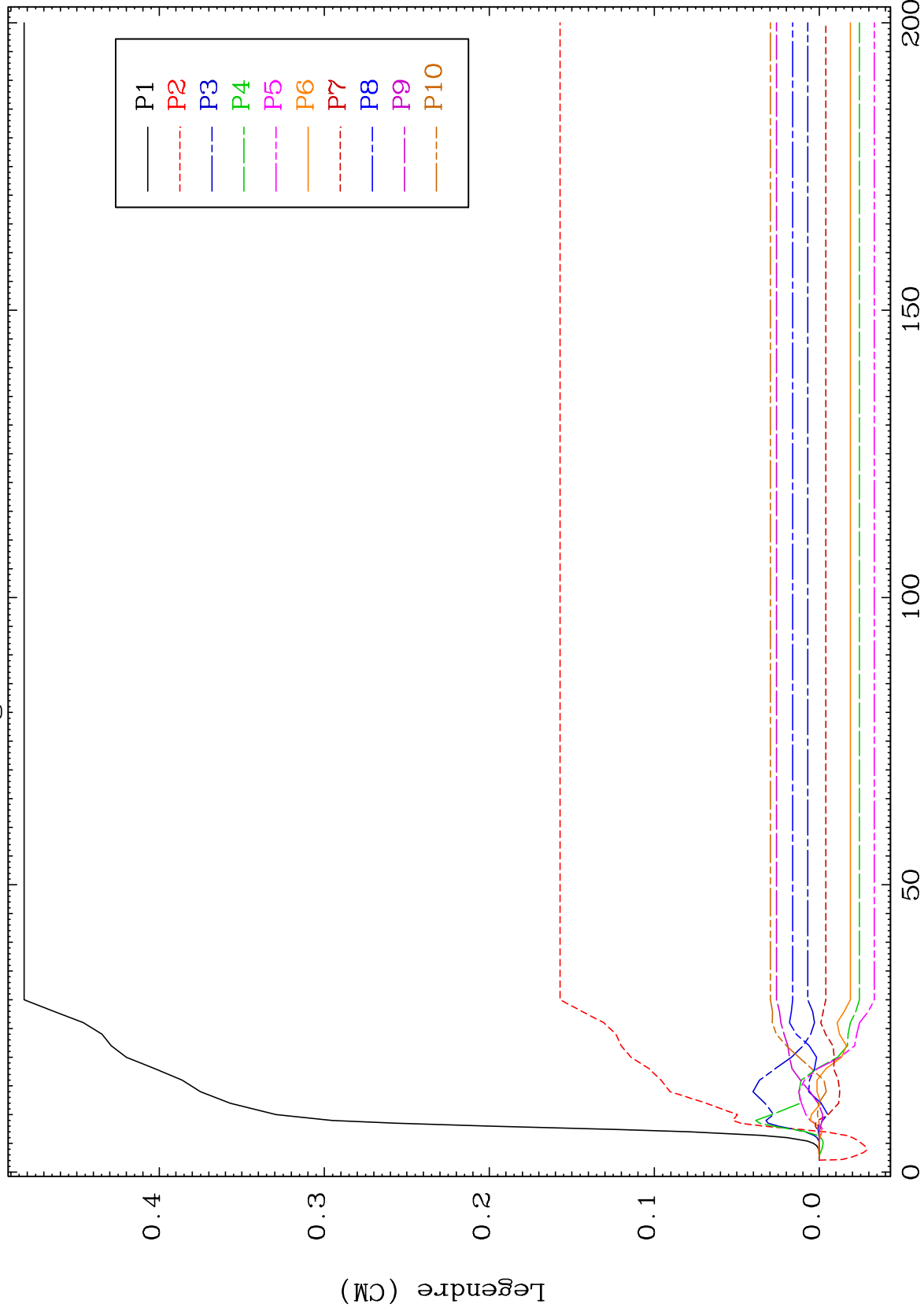
85-At-211



MAT 8549

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

85-At-211



84

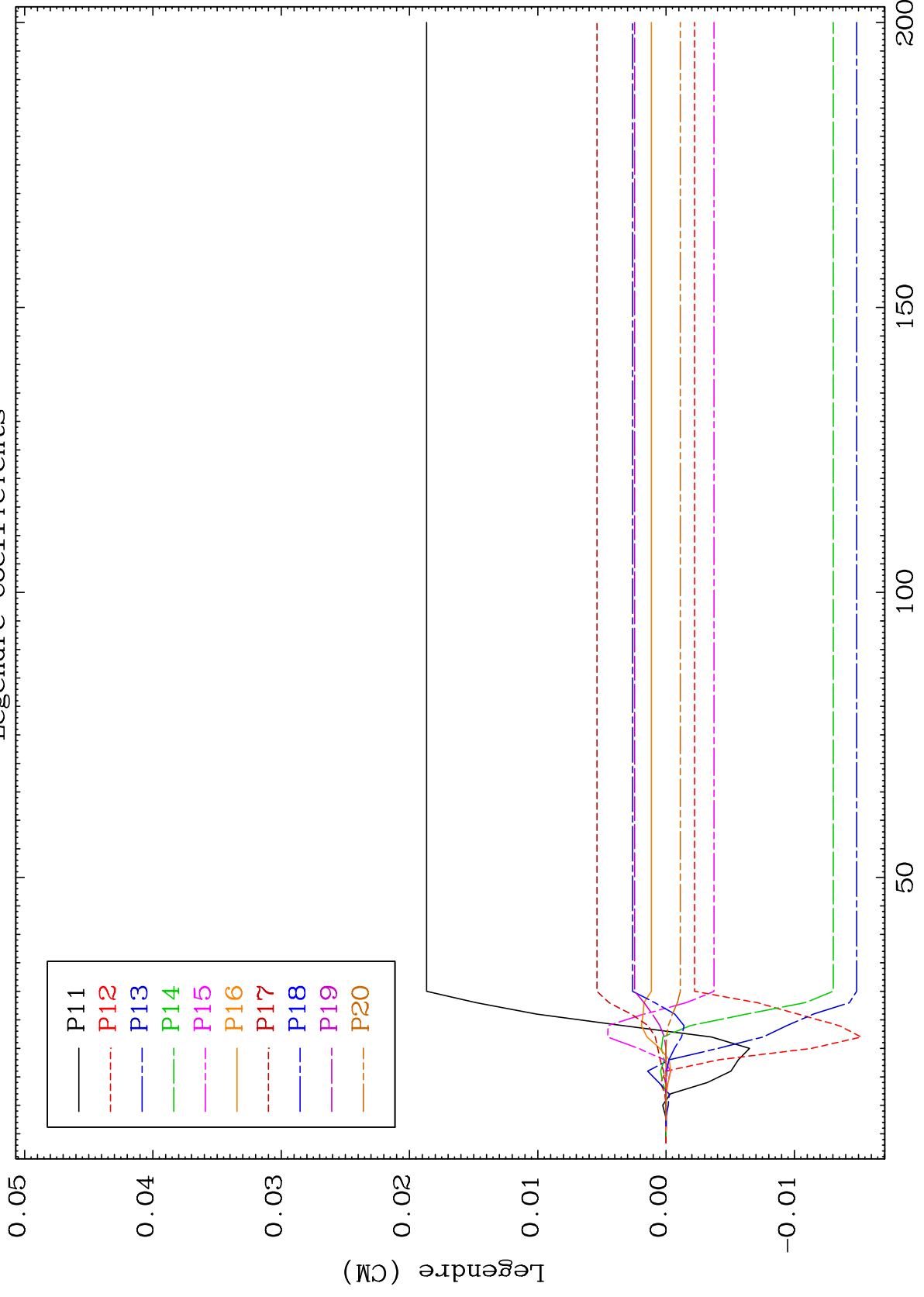
Incident Energy (MeV)

85-At-211

MAT 8549

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

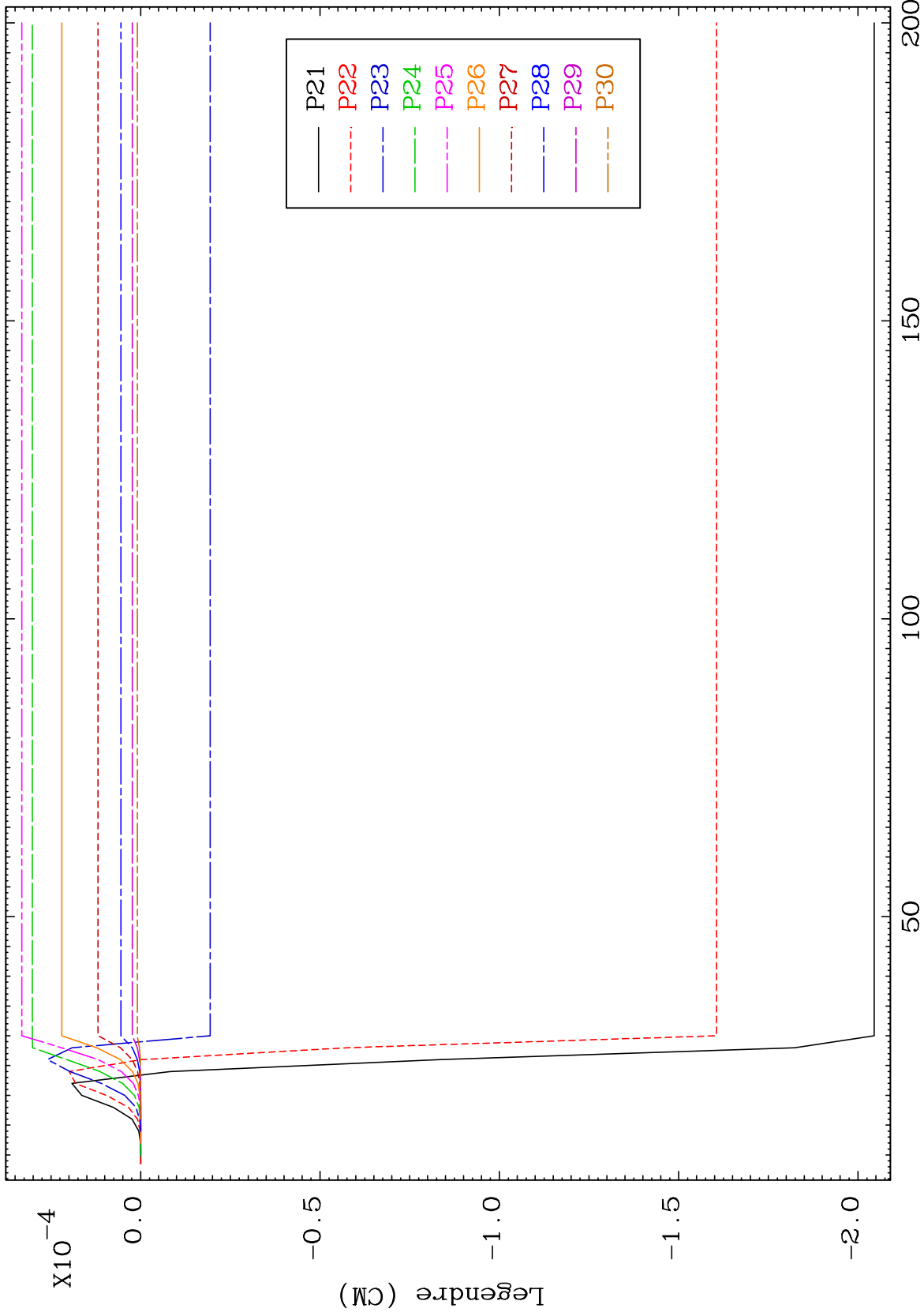
85-At-211



85

Incident Energy (MeV)

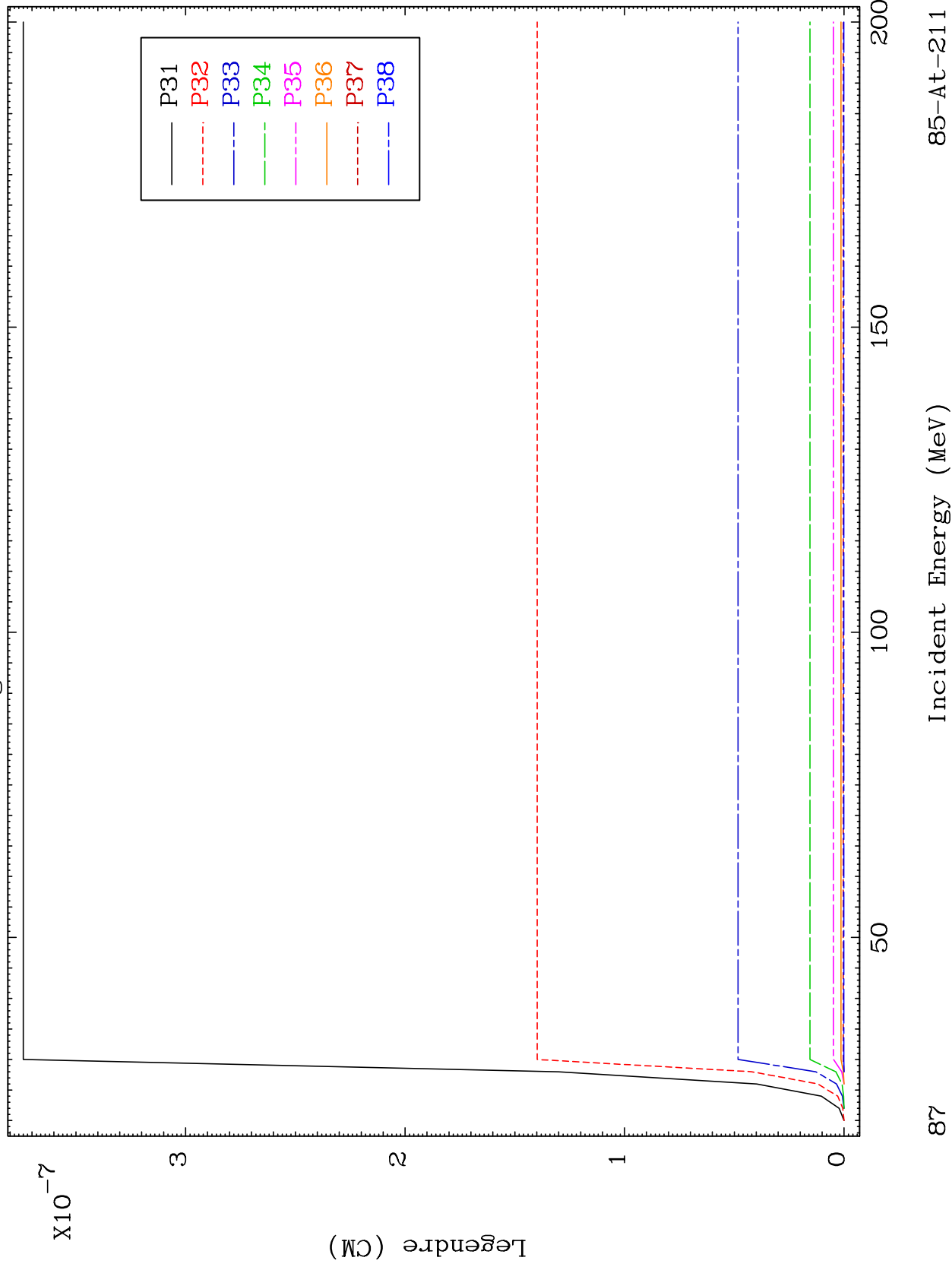
85-At-211



MAT 8549

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

85-At-211

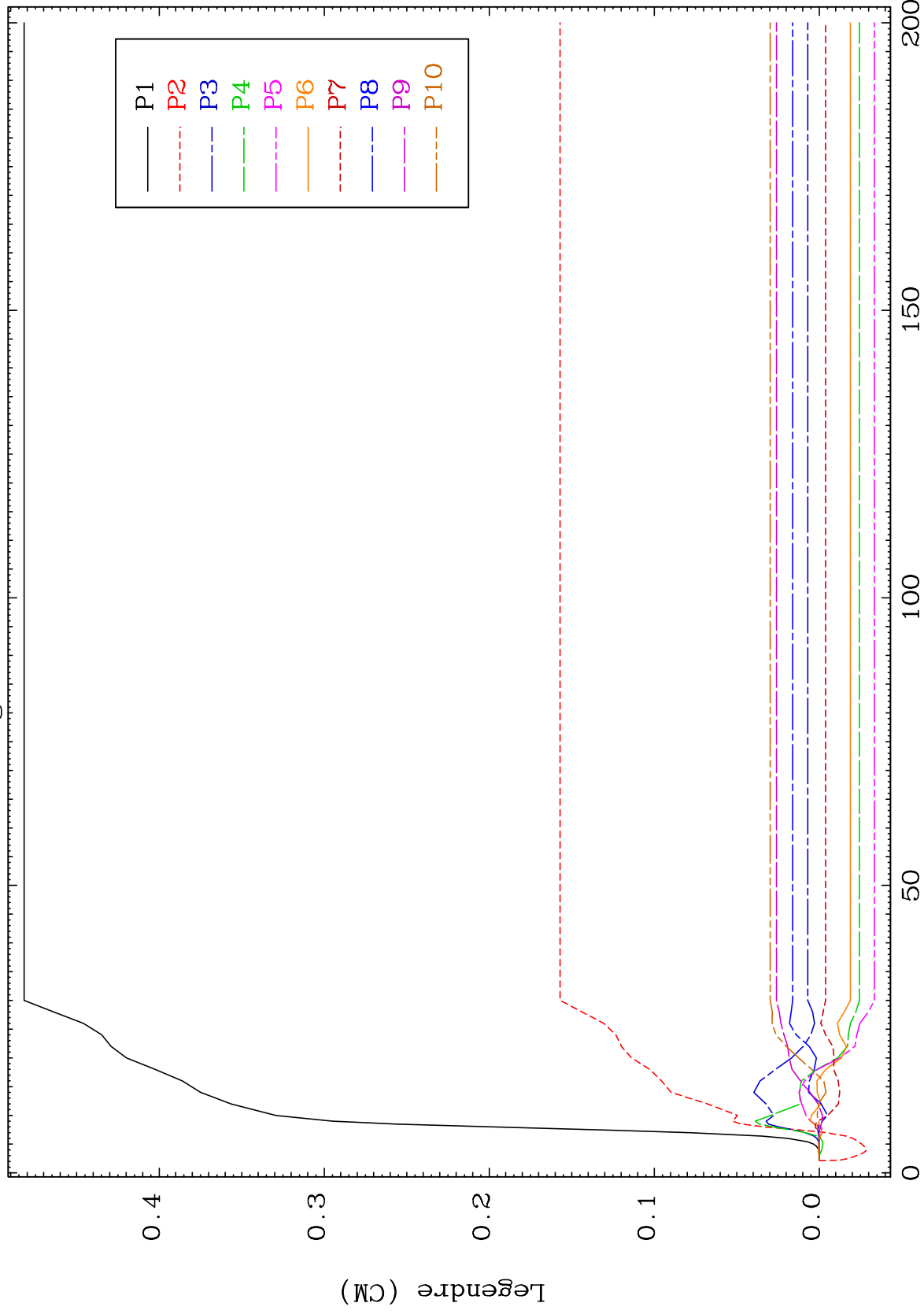




MAT 8549

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

85-At-211



88

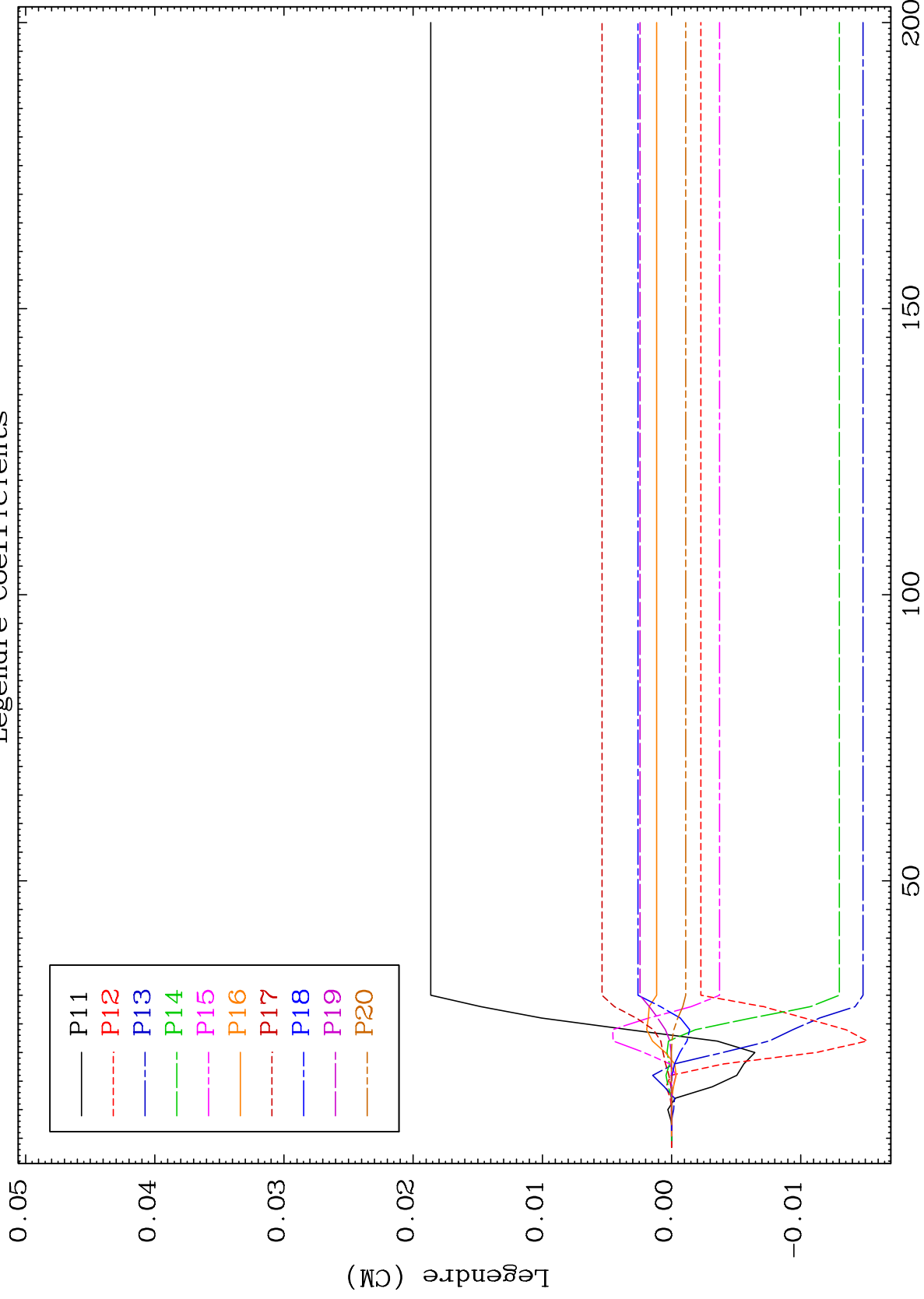
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



89

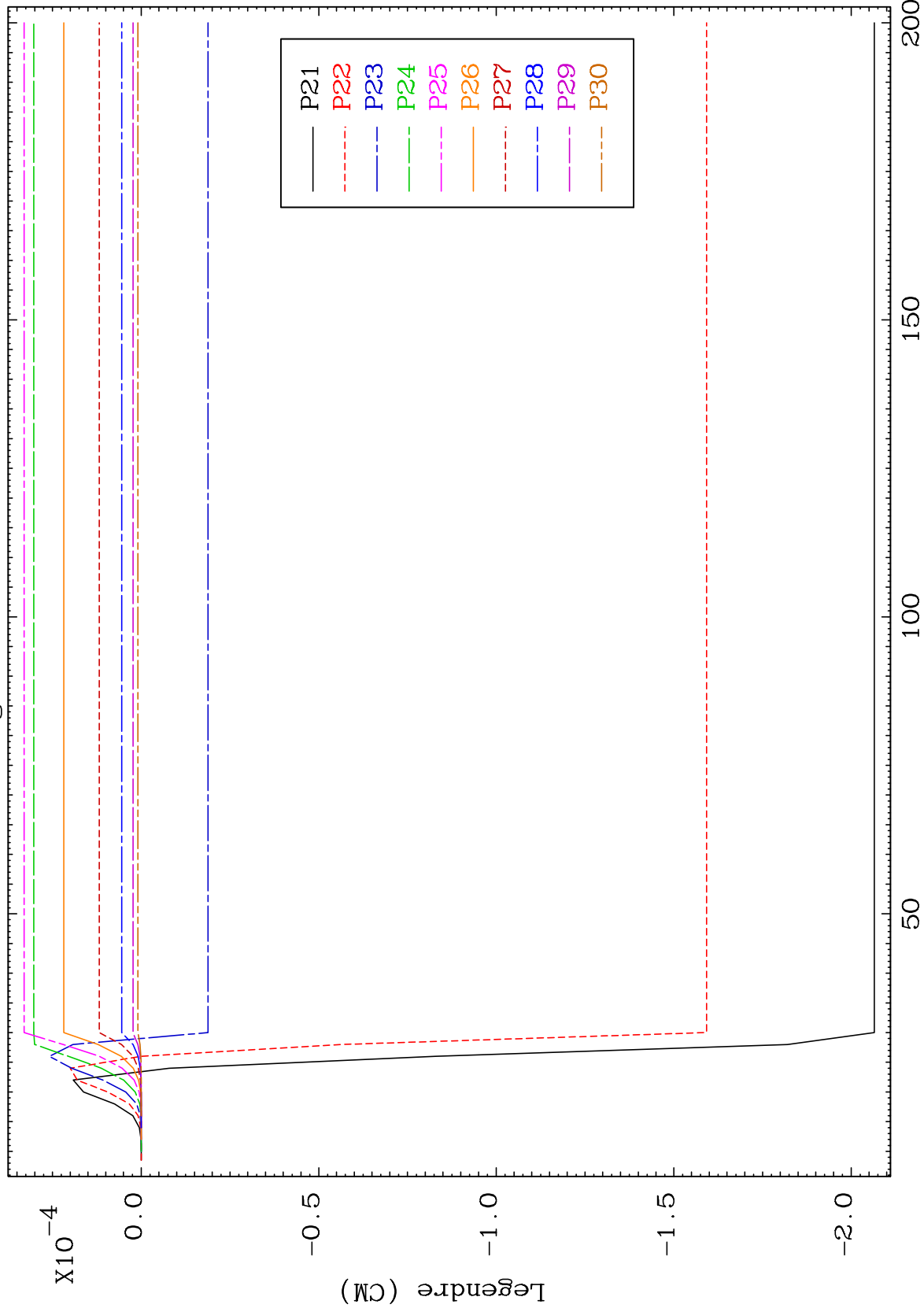
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



90

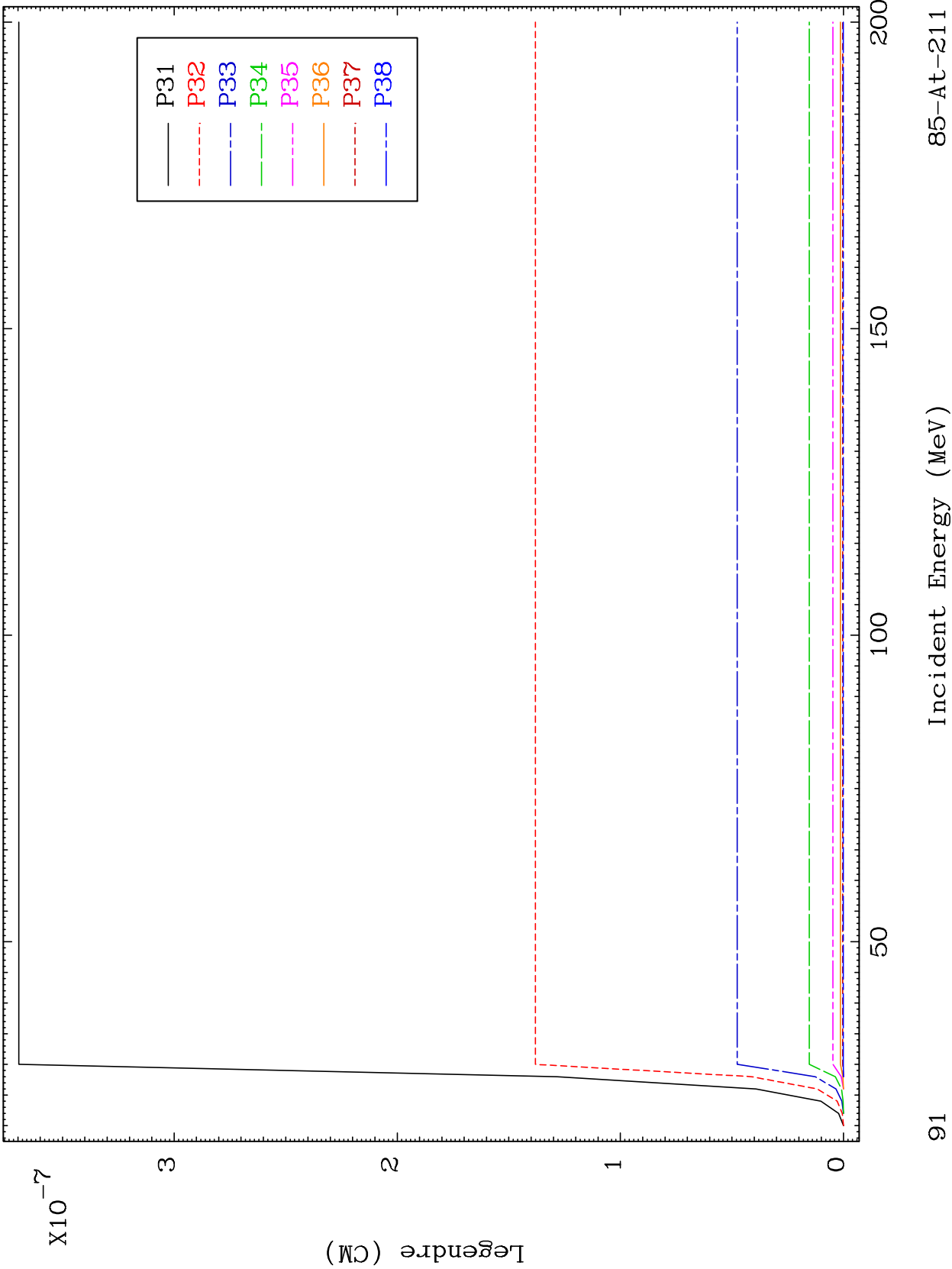
Incident Energy (MeV)

85-At-211

MAT 8549

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

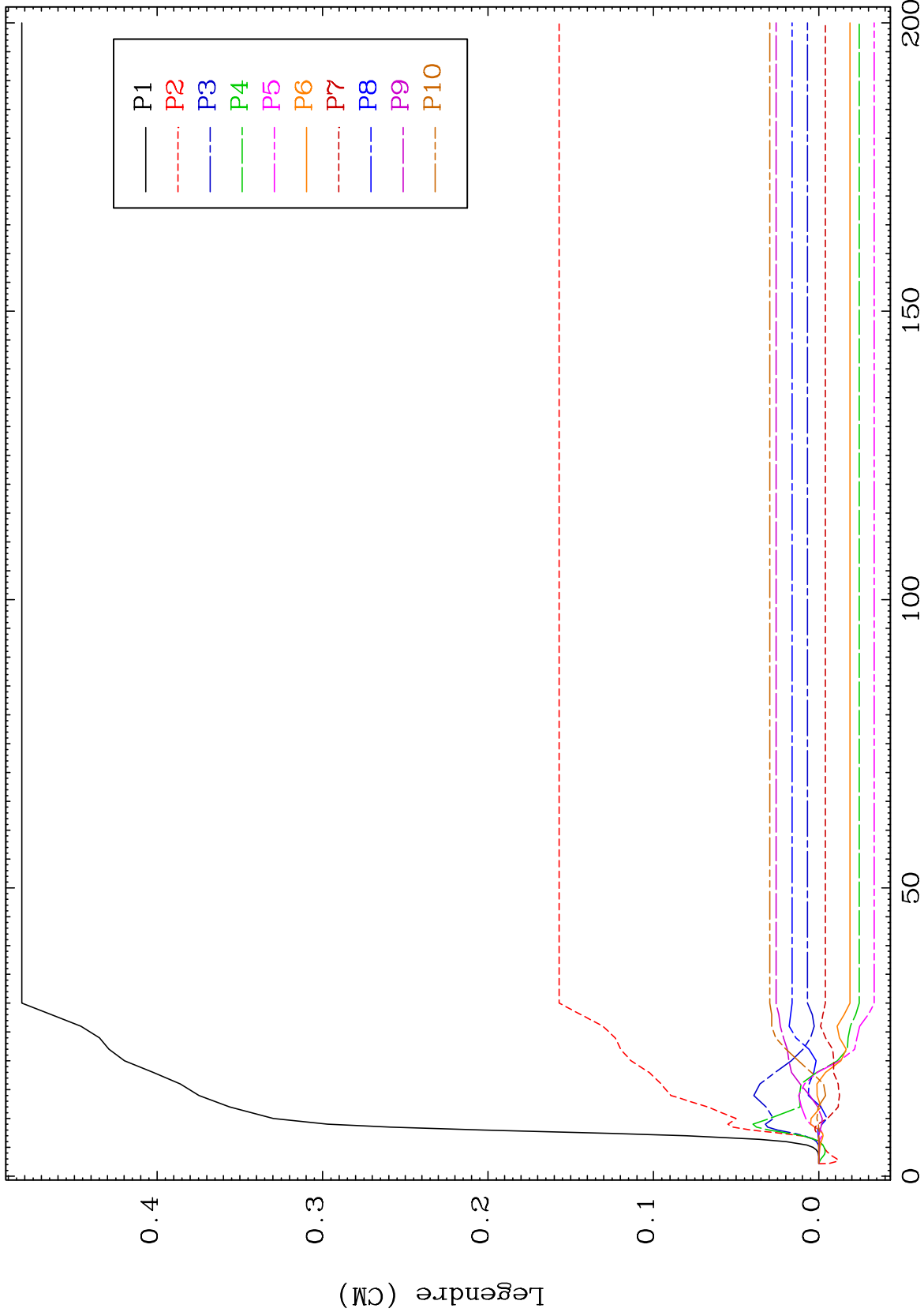
85-At-211



MAT 8549

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

85-At-211



92

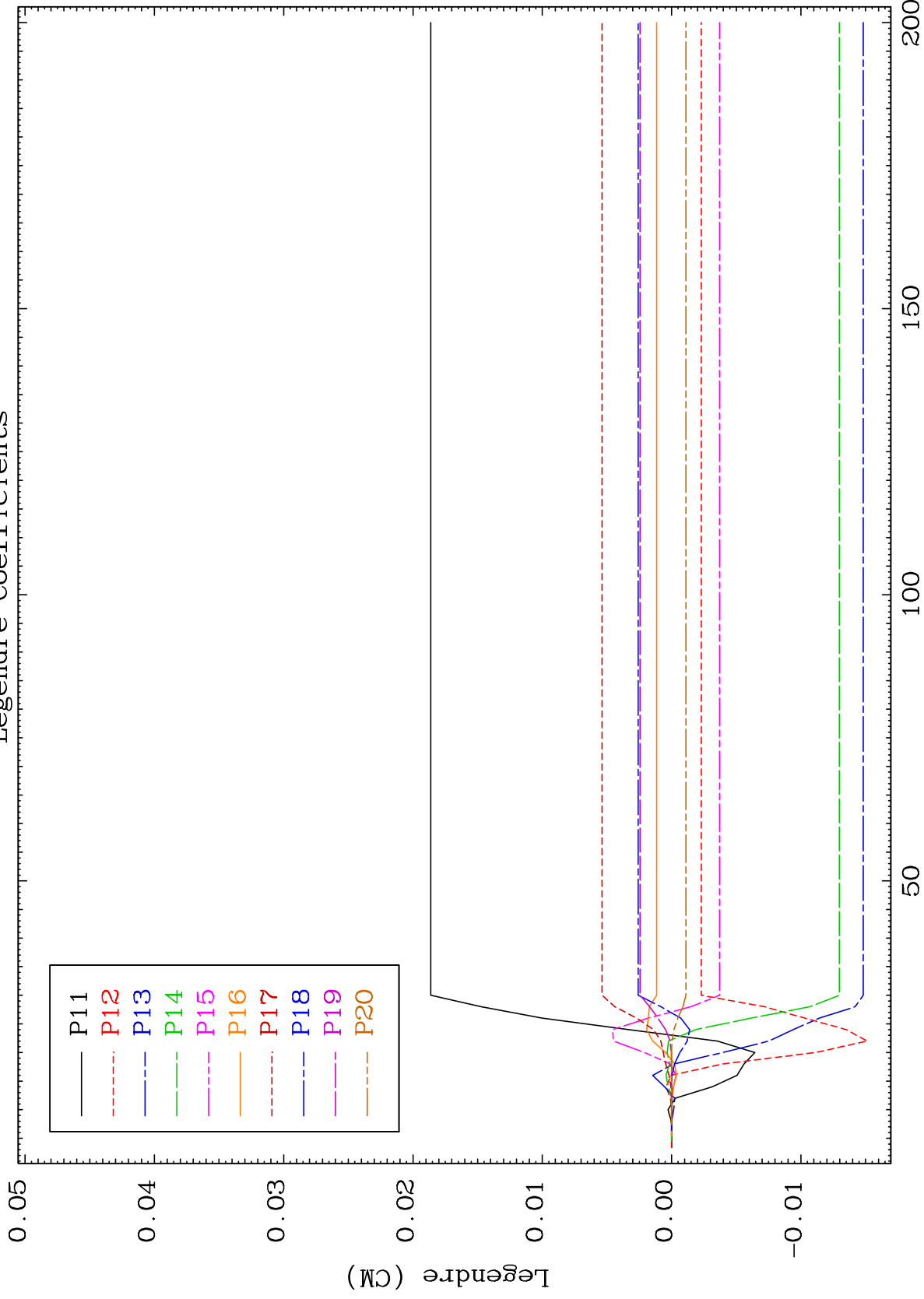
Incident Energy (MeV)

85-At-211

MAT 8549

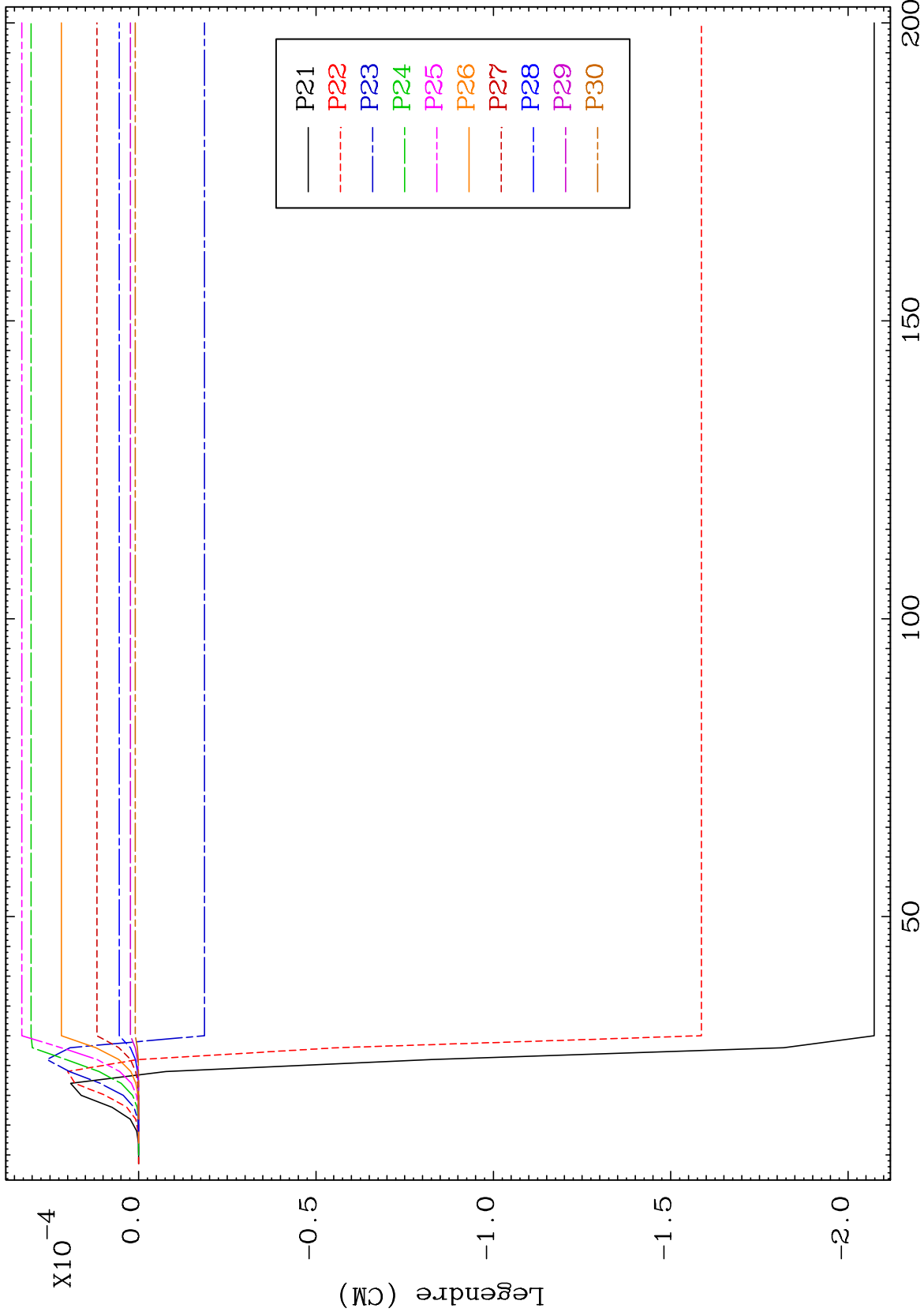
MT= 69 (n,n') Level  
Legendre Coefficients

85-At-211



93

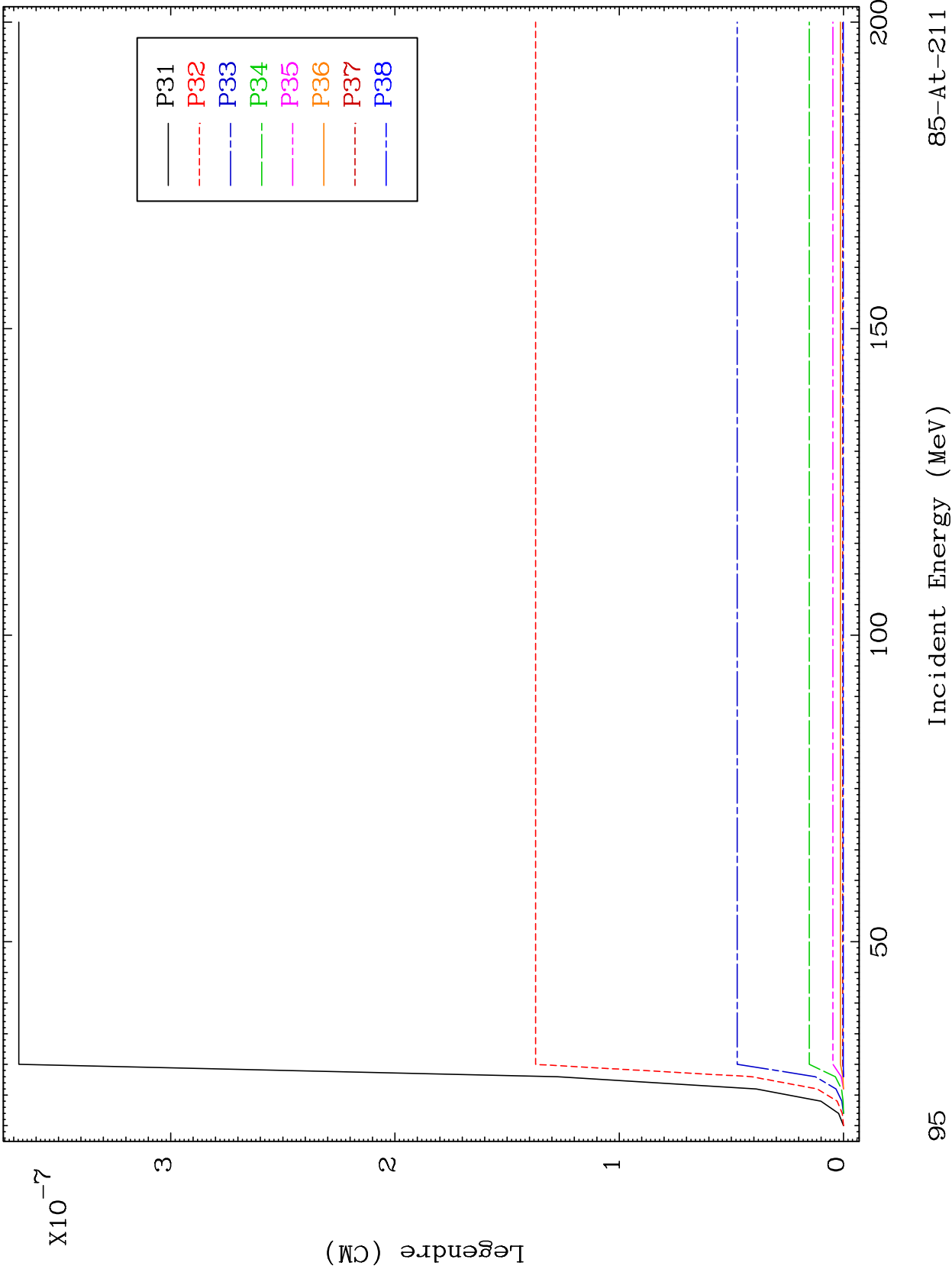
85-At-211



MAT 8549

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

85-At-211



95

Incident Energy (MeV)

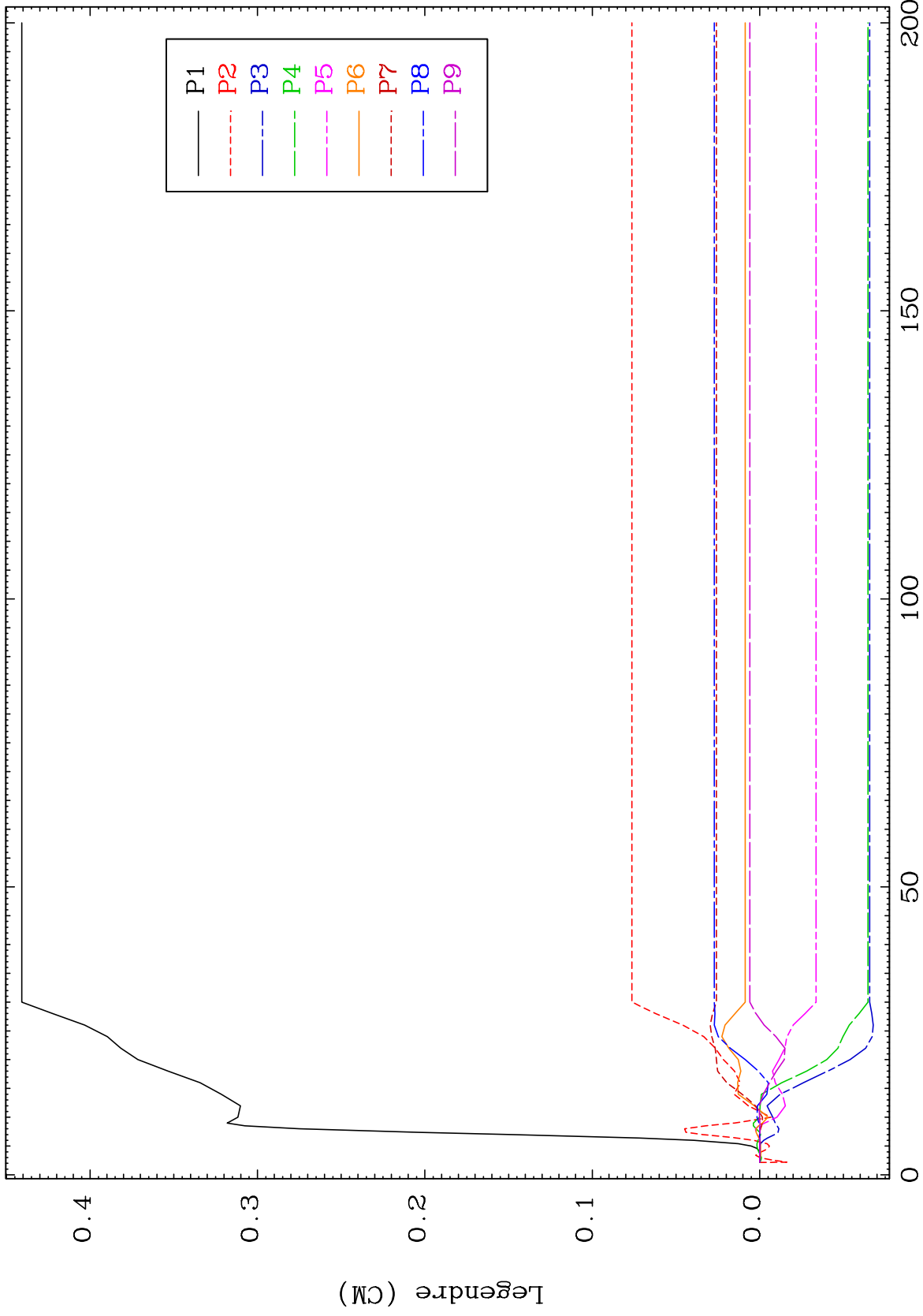
85-At-211



MAT 8549

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

85-At-211



96

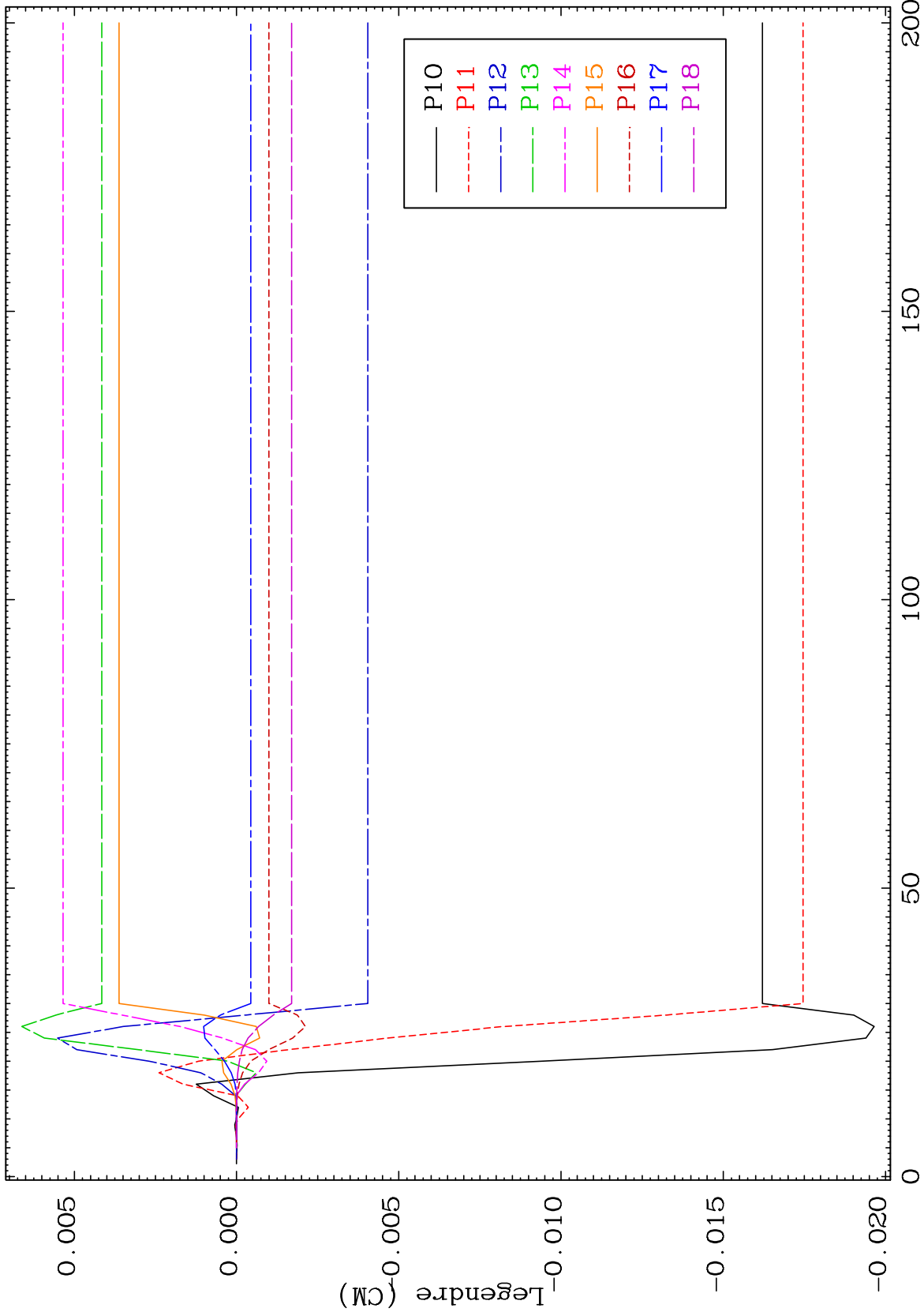
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



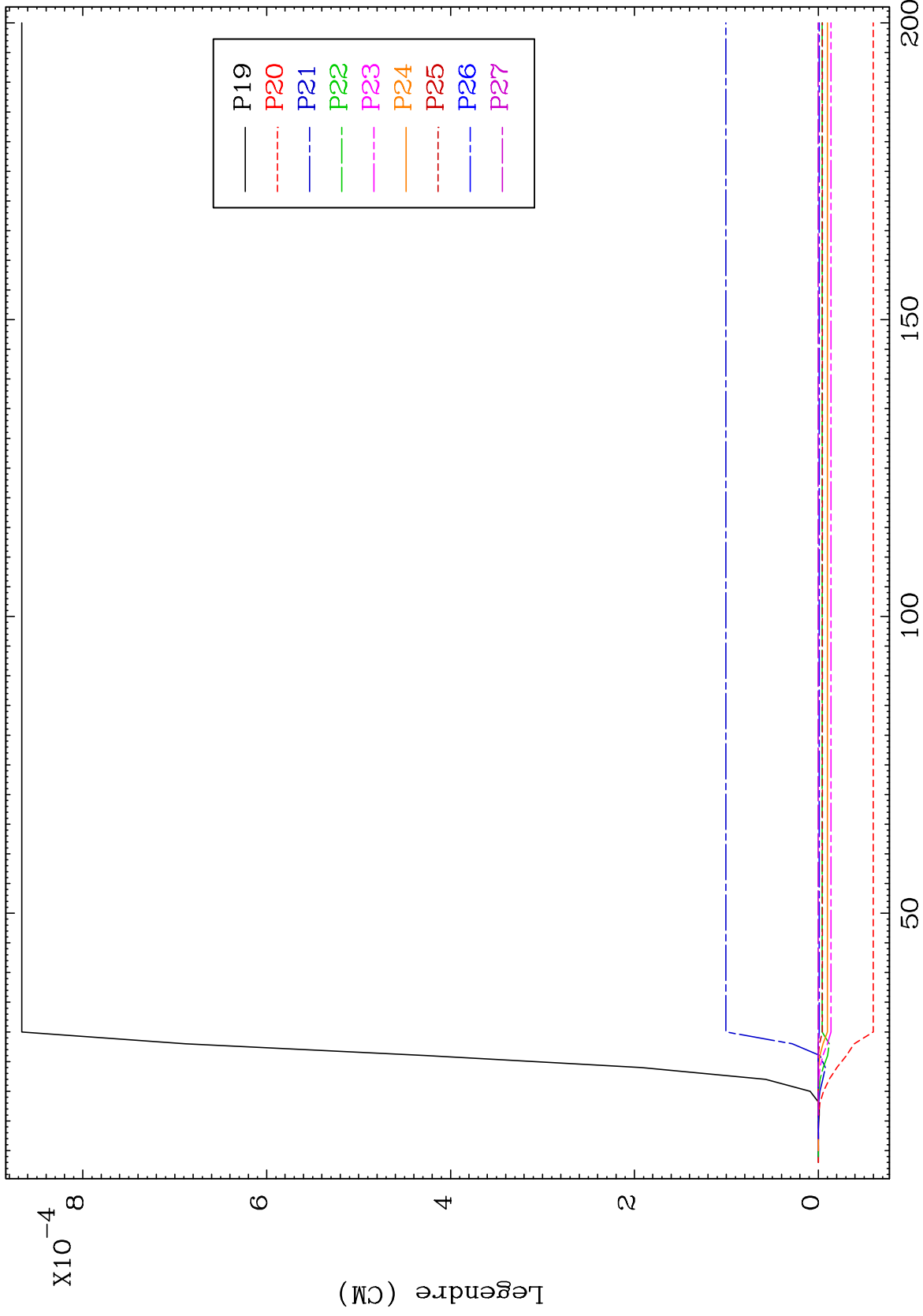
97

85-At-211

MAT 8549

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

85-At-211



98

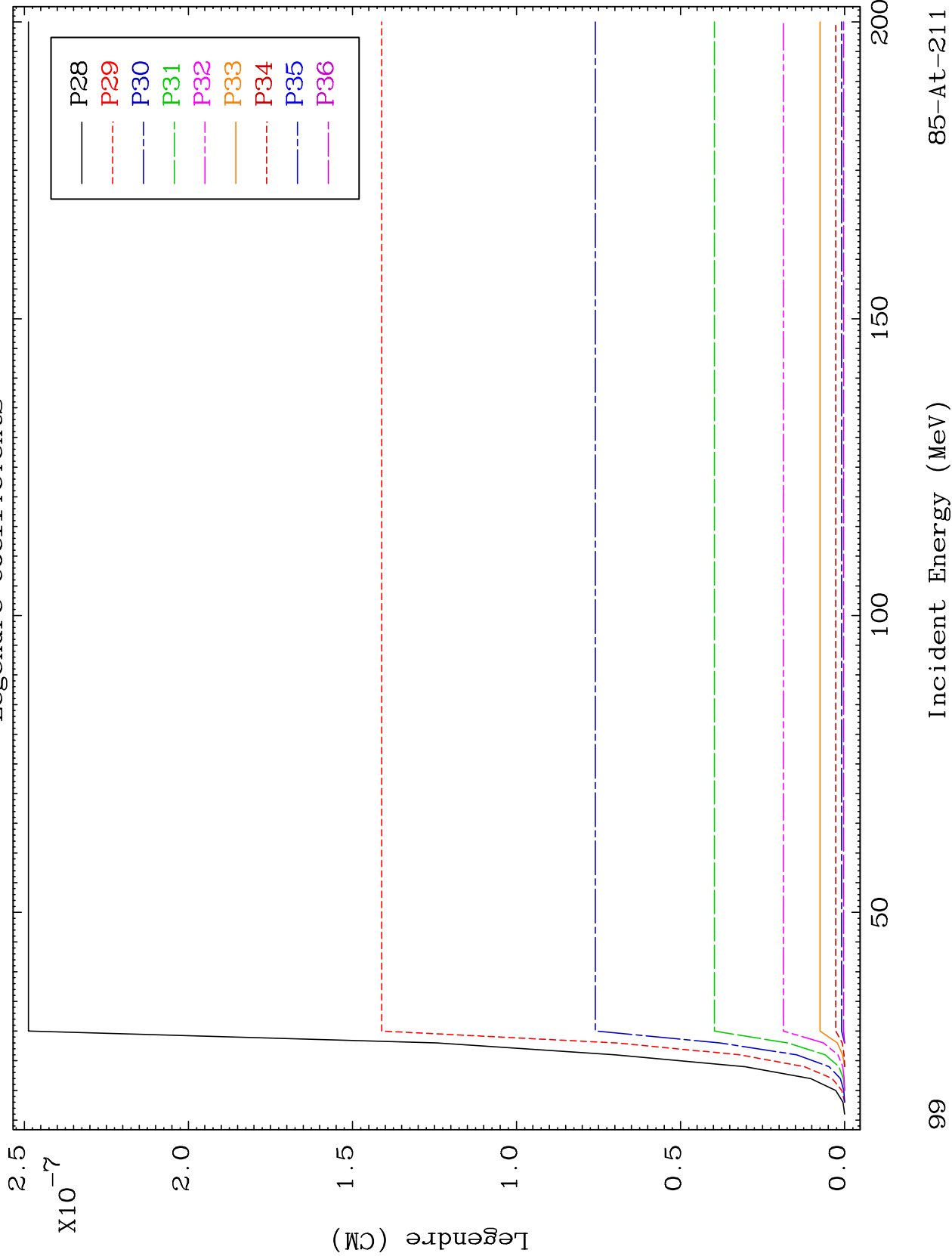
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



99

Incident Energy (MeV)

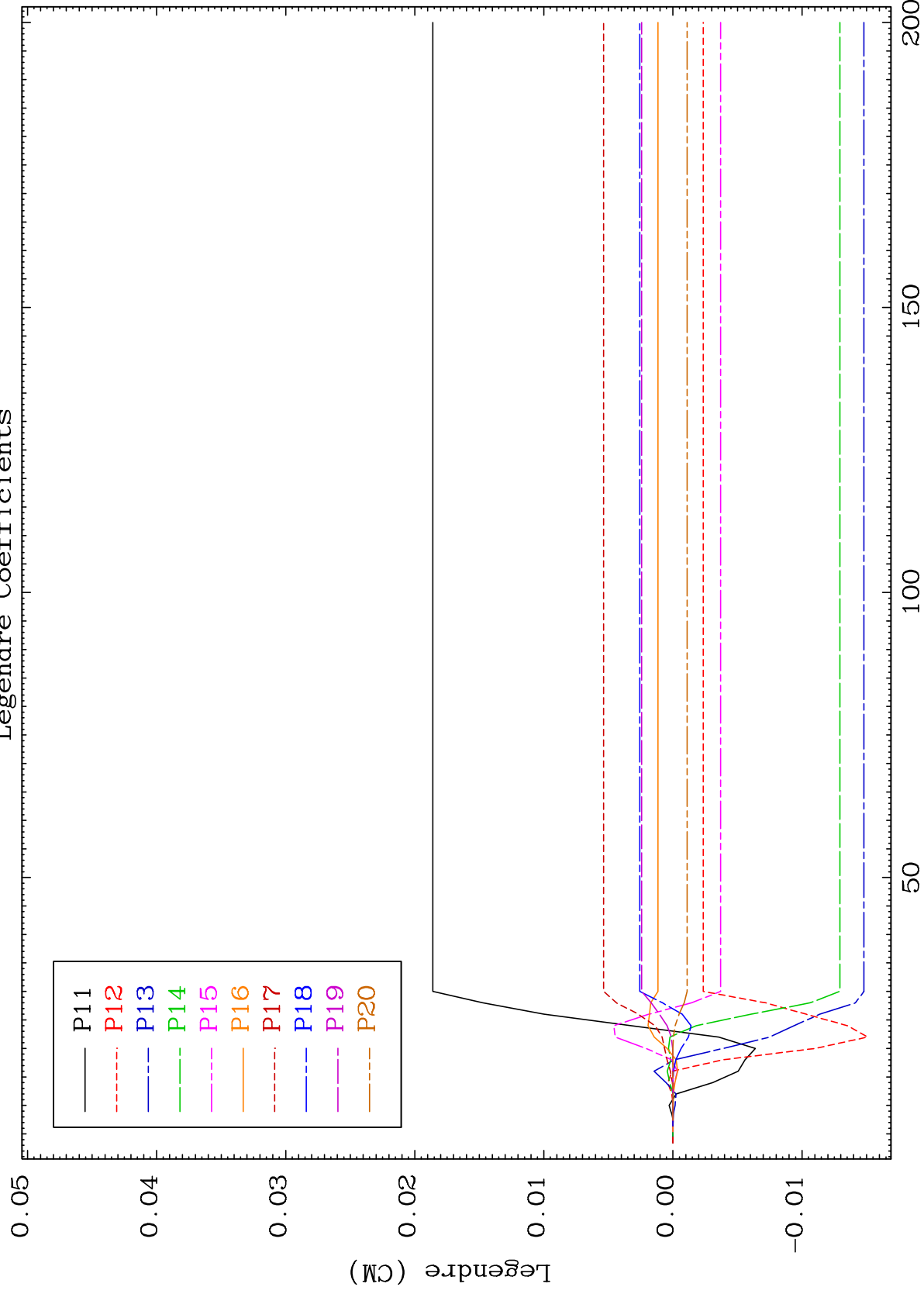
85-At-211



MAT 8549

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

85-At-211



101

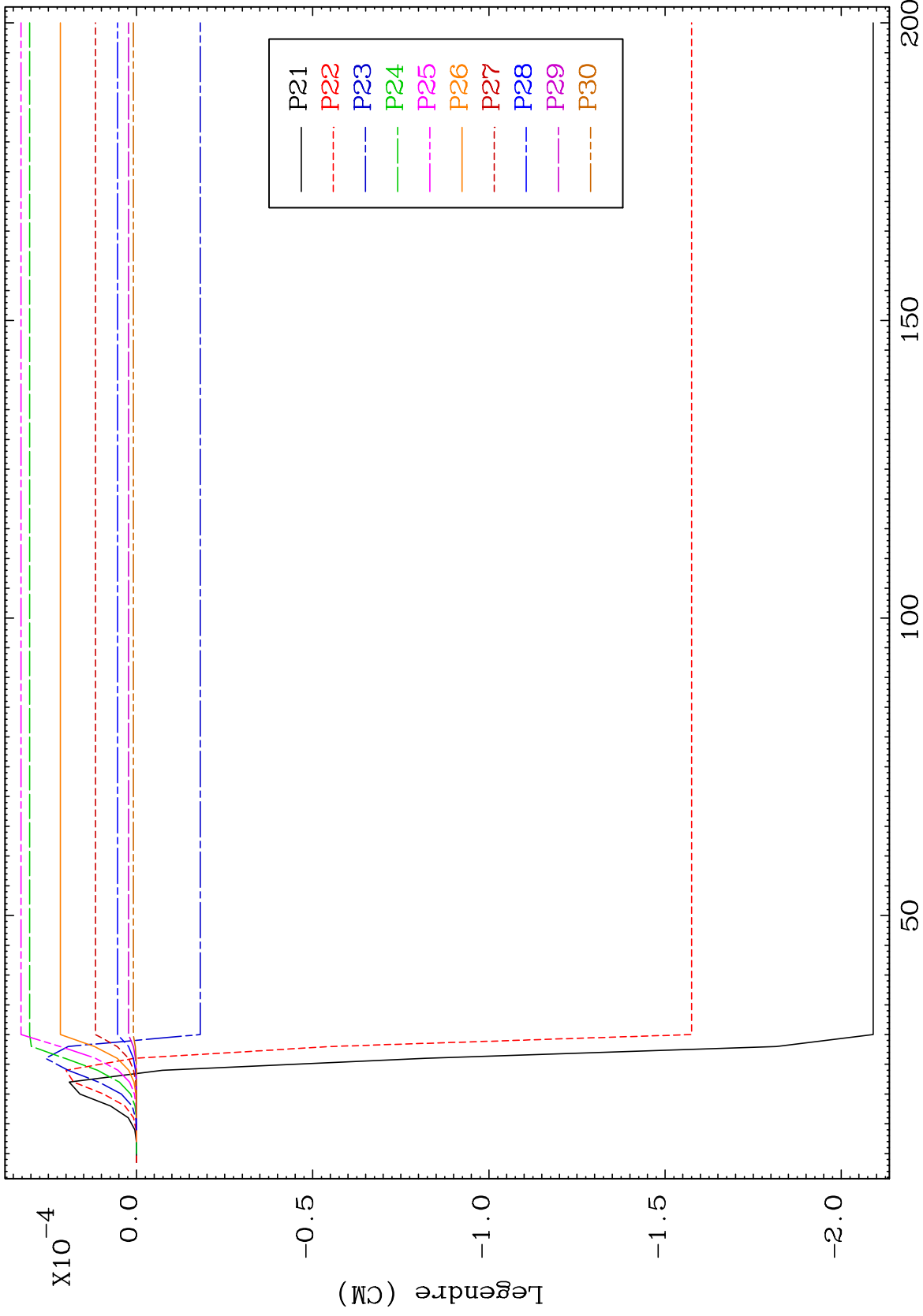
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



102

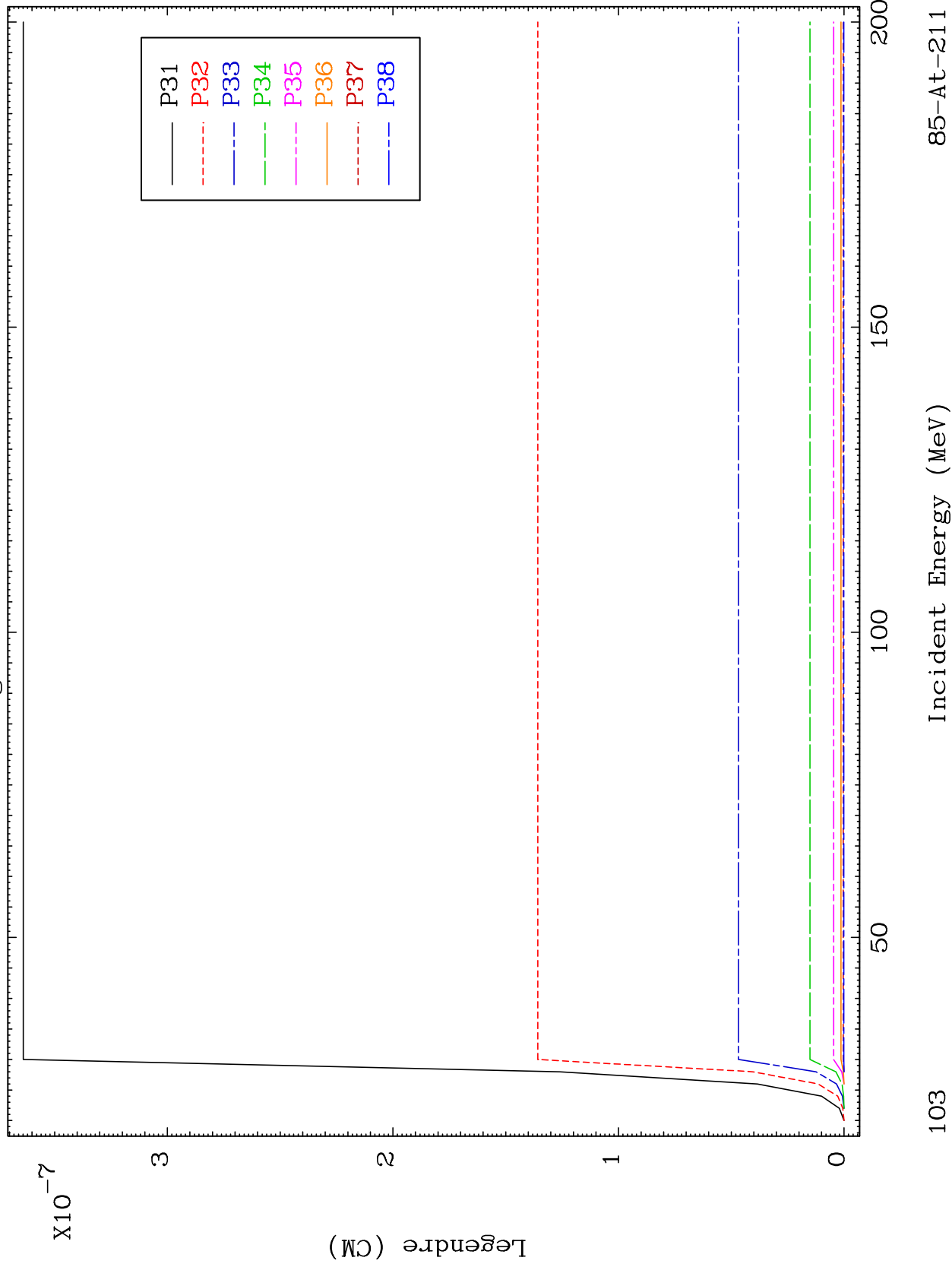
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



103

Incident Energy (MeV)

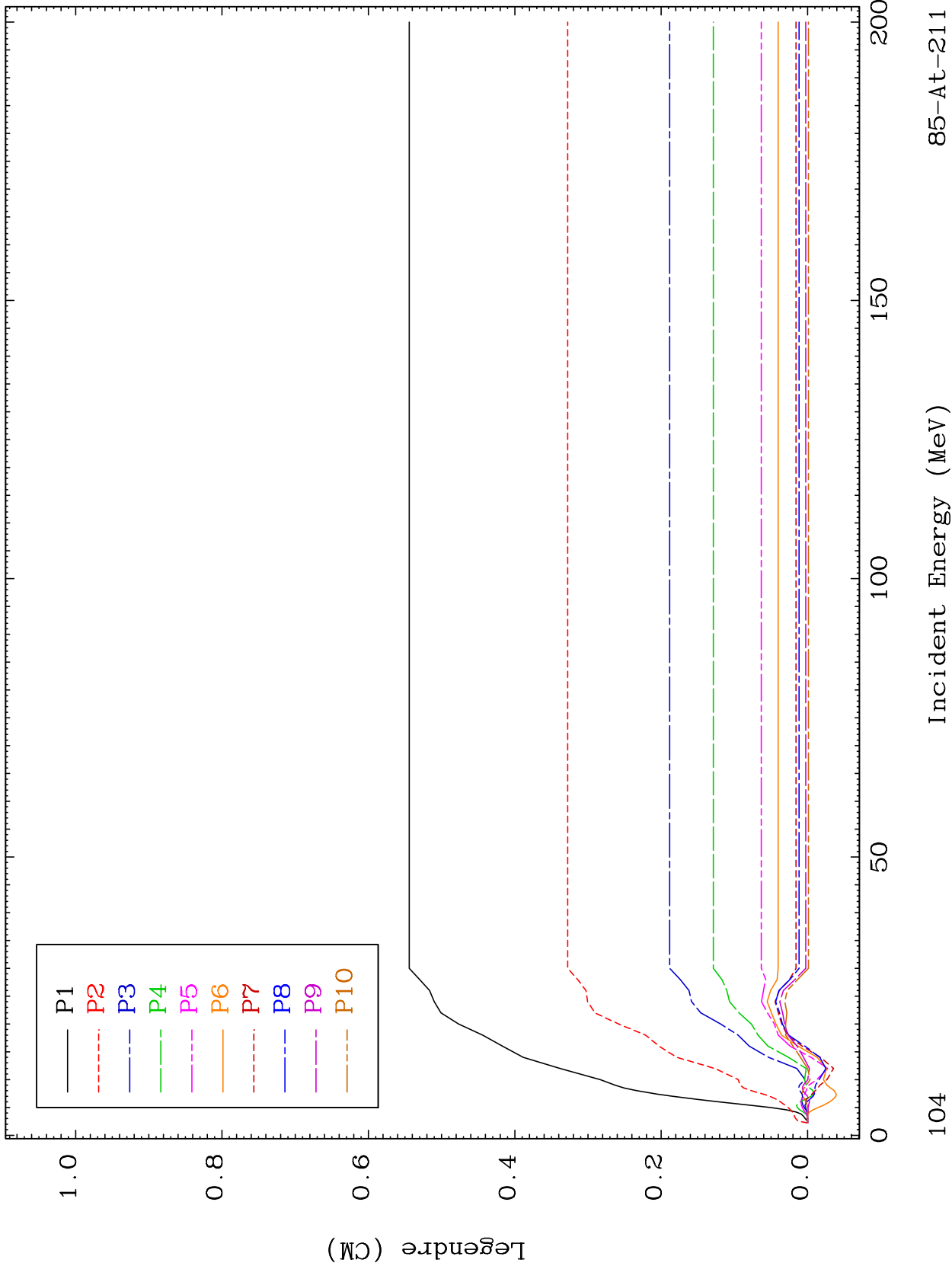
85-At-211



MAT 8549

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

85-At-211



104

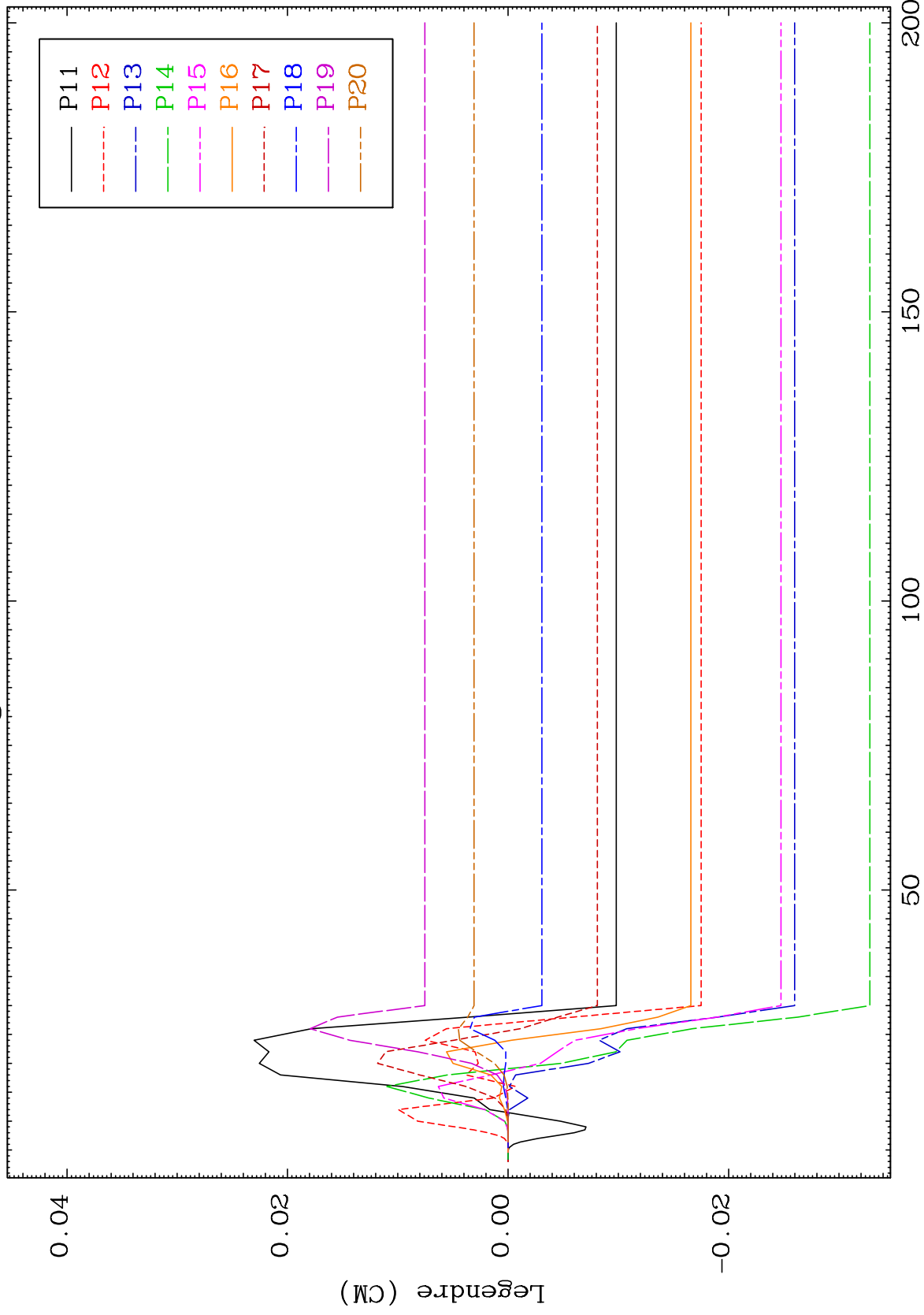
Incident Energy (MeV)

85-At-211

MAT 8549

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

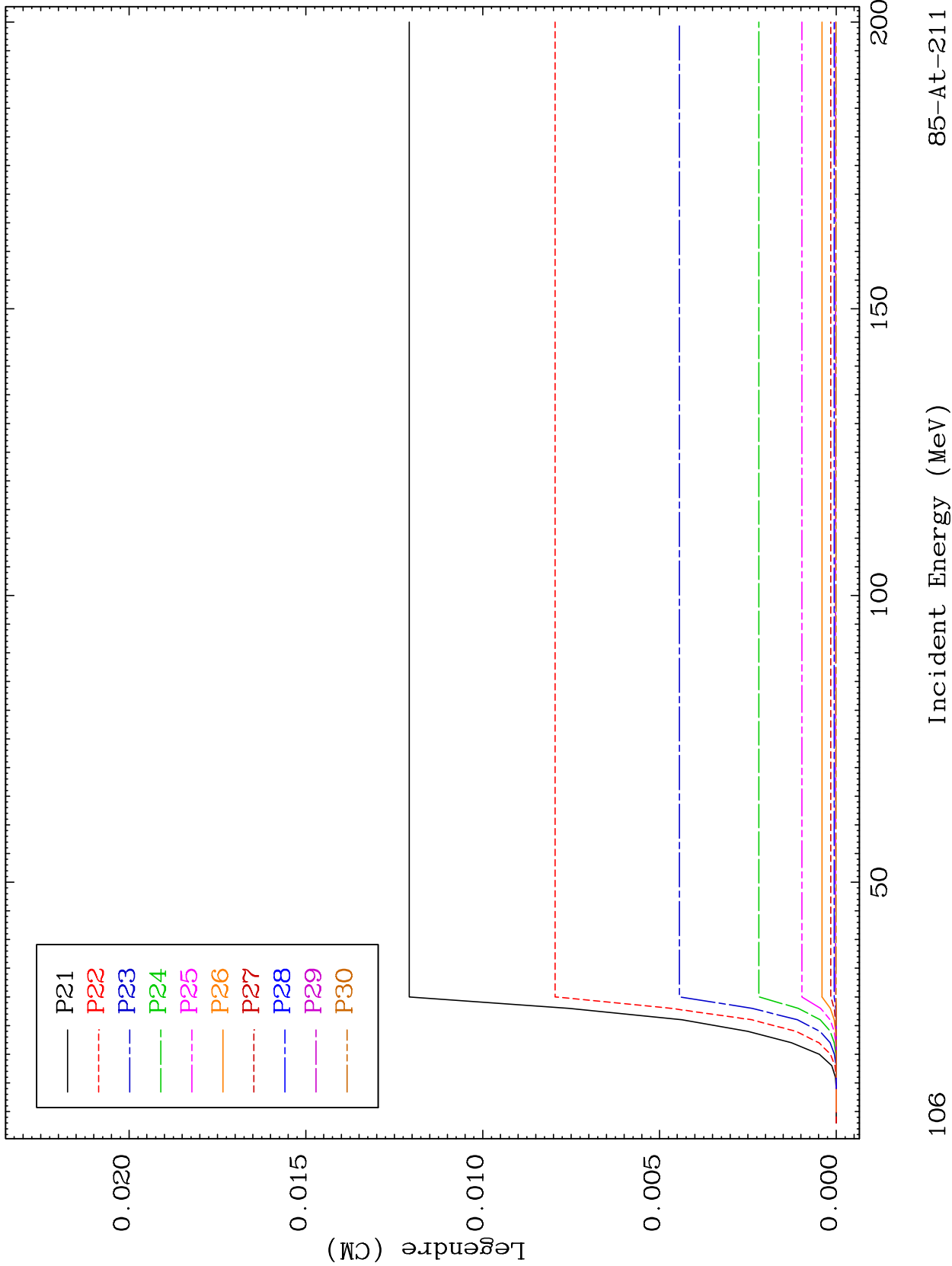
85-At-211



105

Incident Energy (MeV)

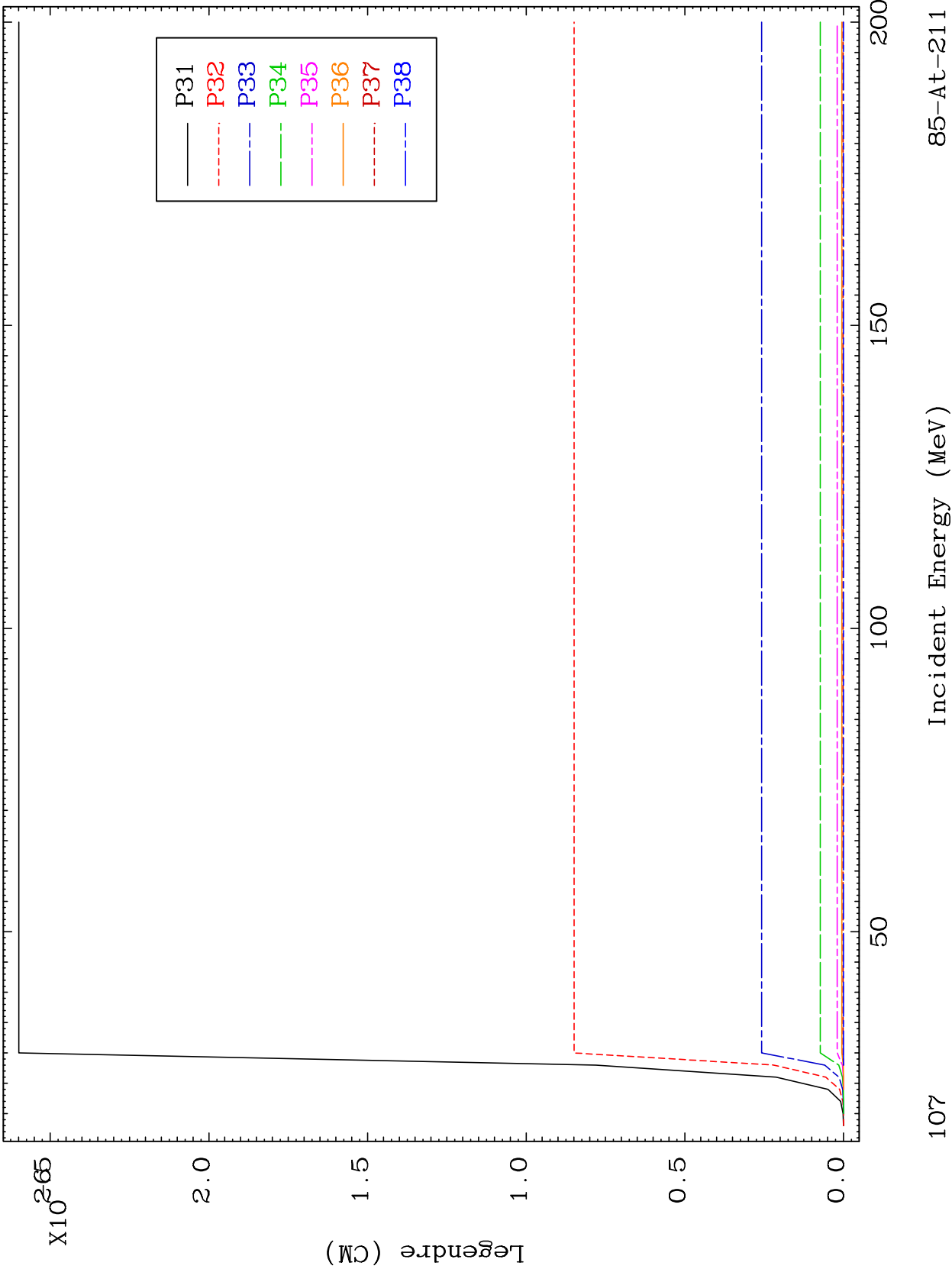
85-At-211



MAT 8549

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

85-At-211



107

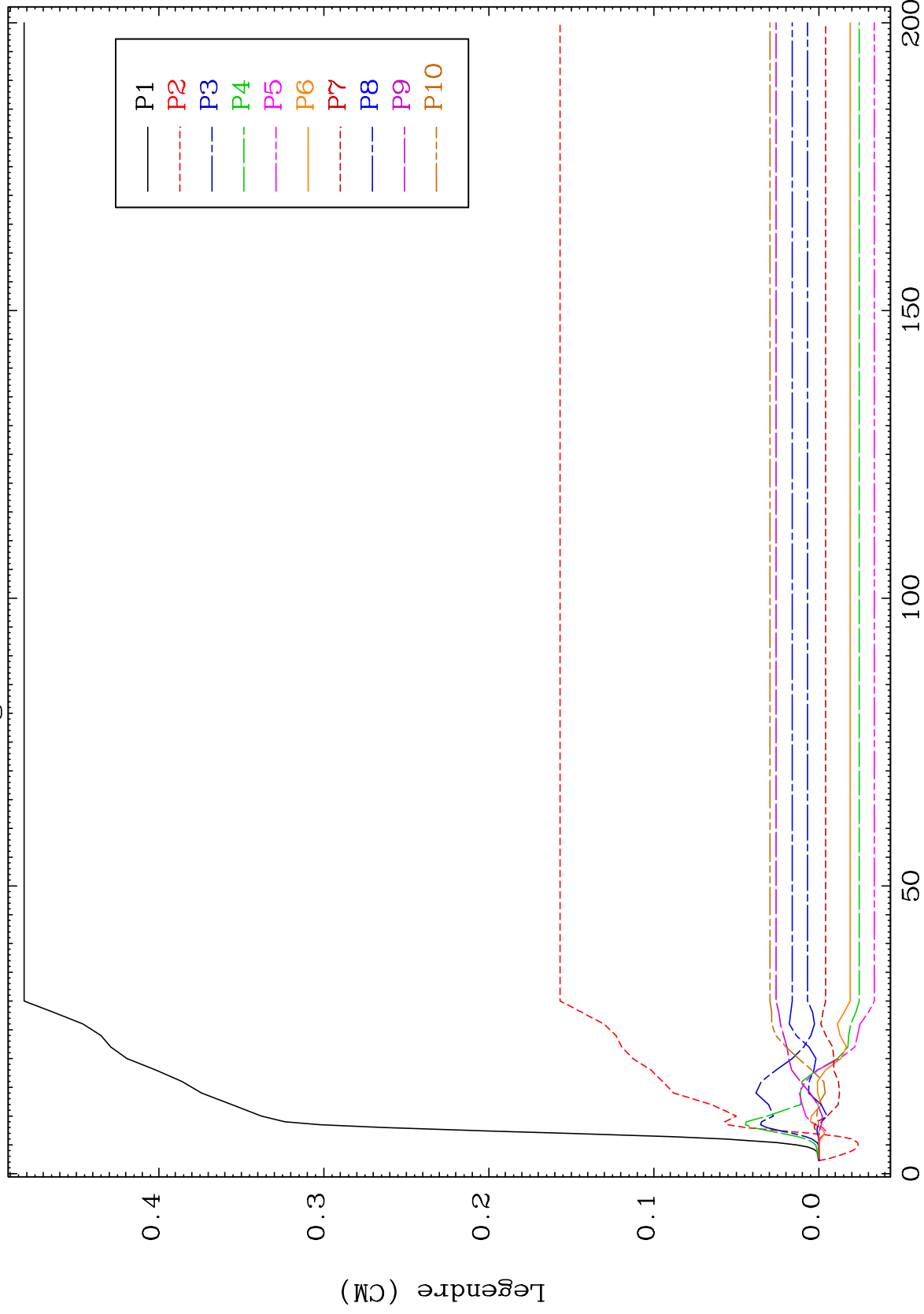
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



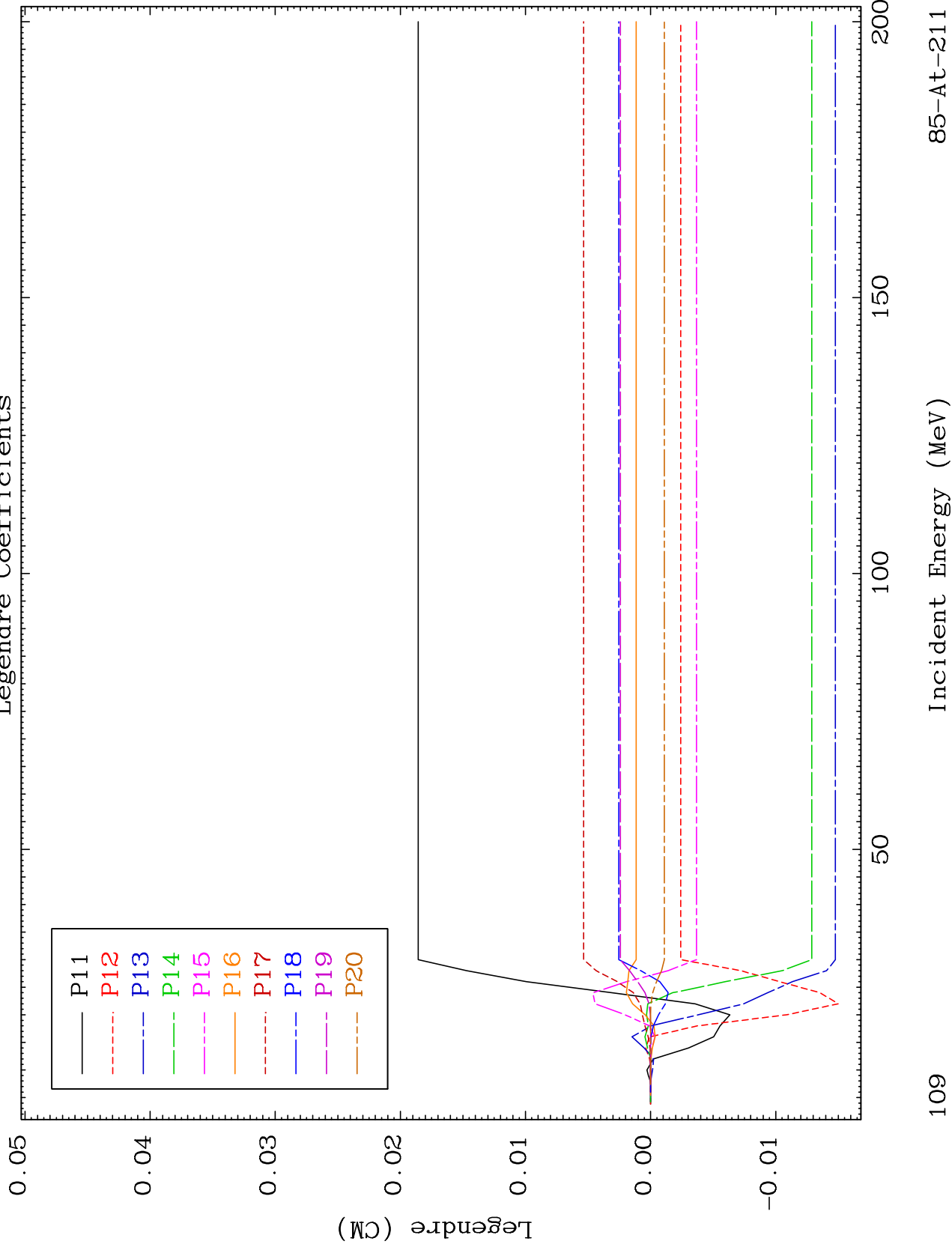
108

85-At-211

MAT 8549

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

85-At-211



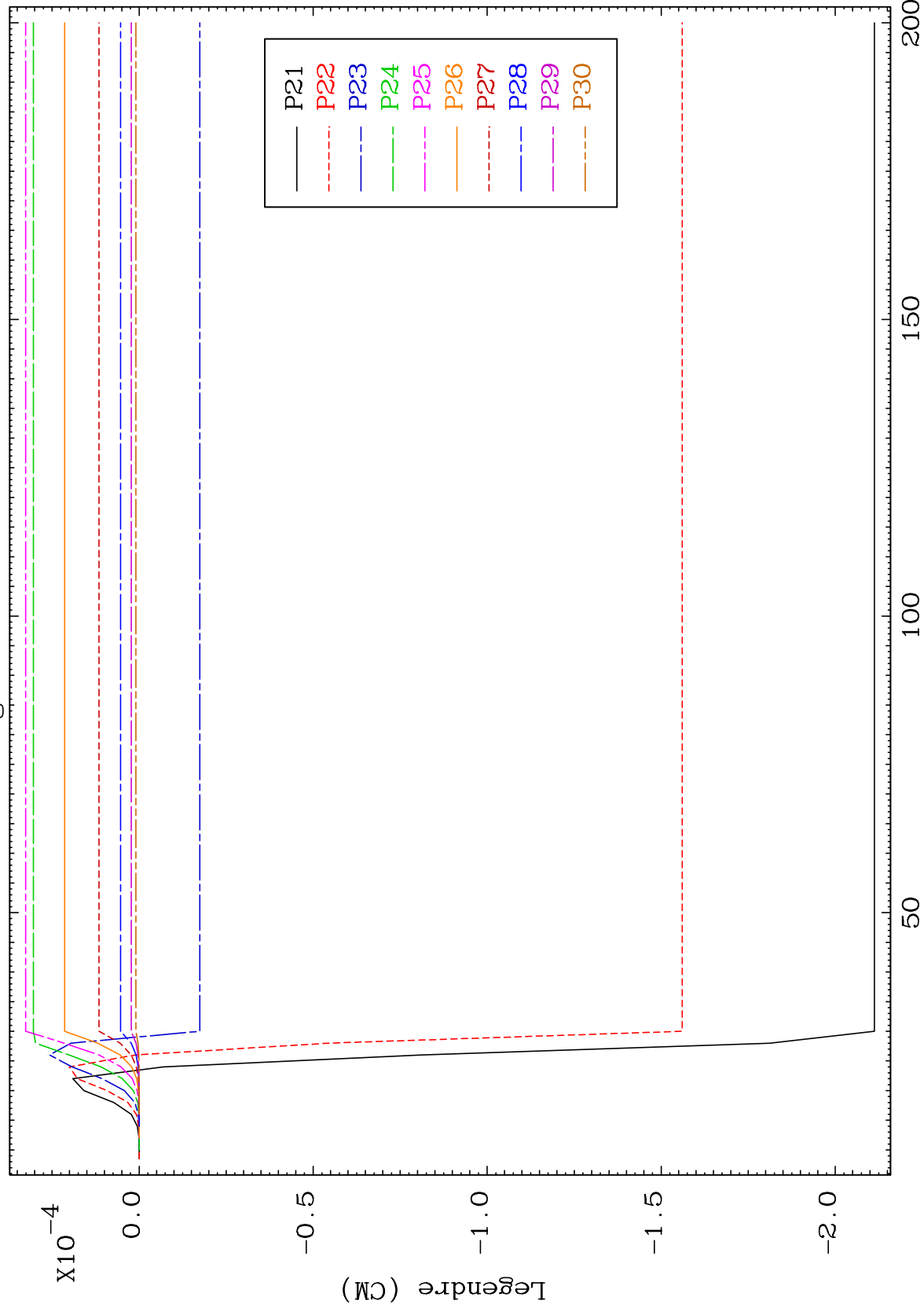
109

85-At-211

MAT 8549

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

85-At-211



110

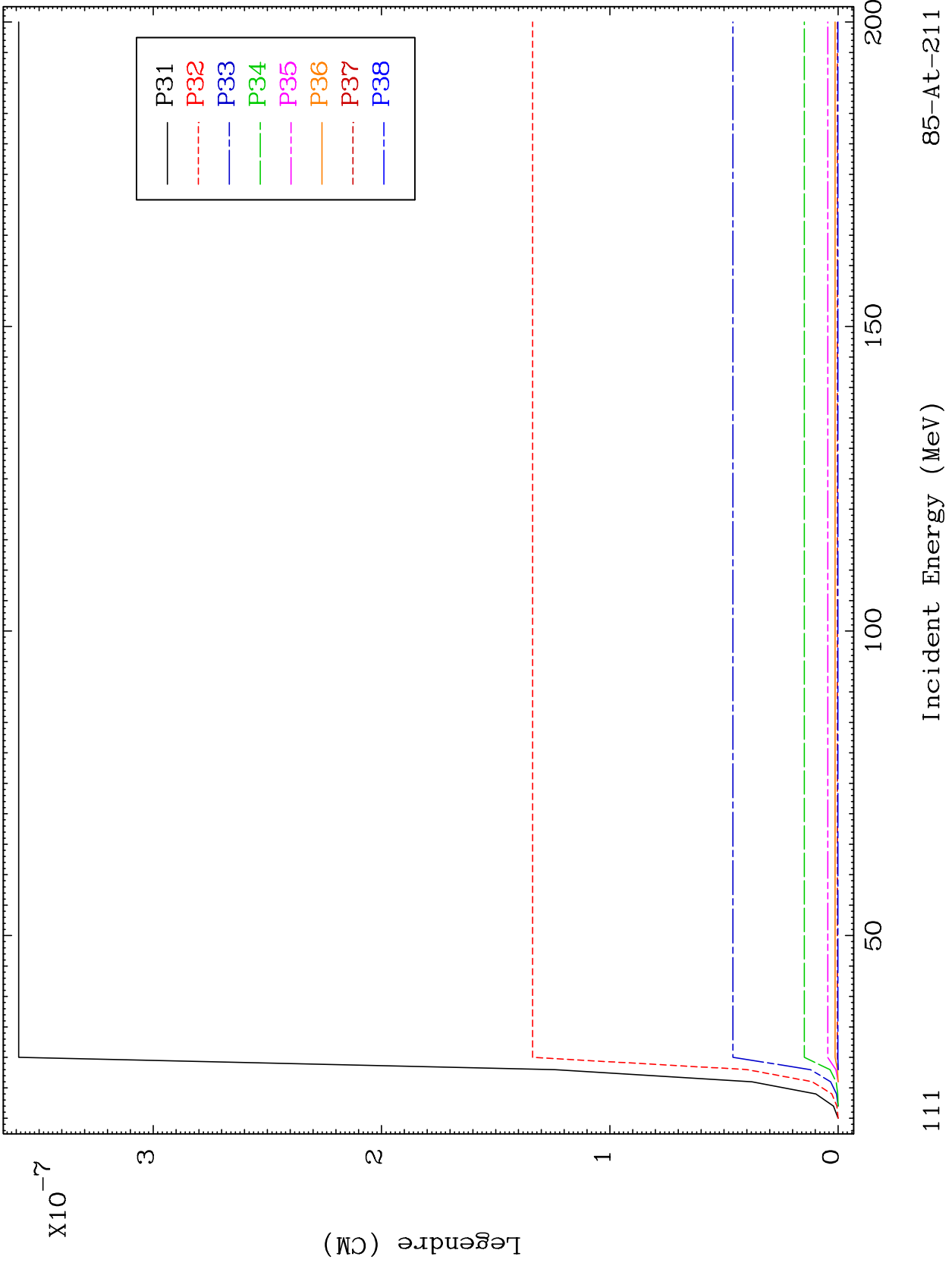
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



111

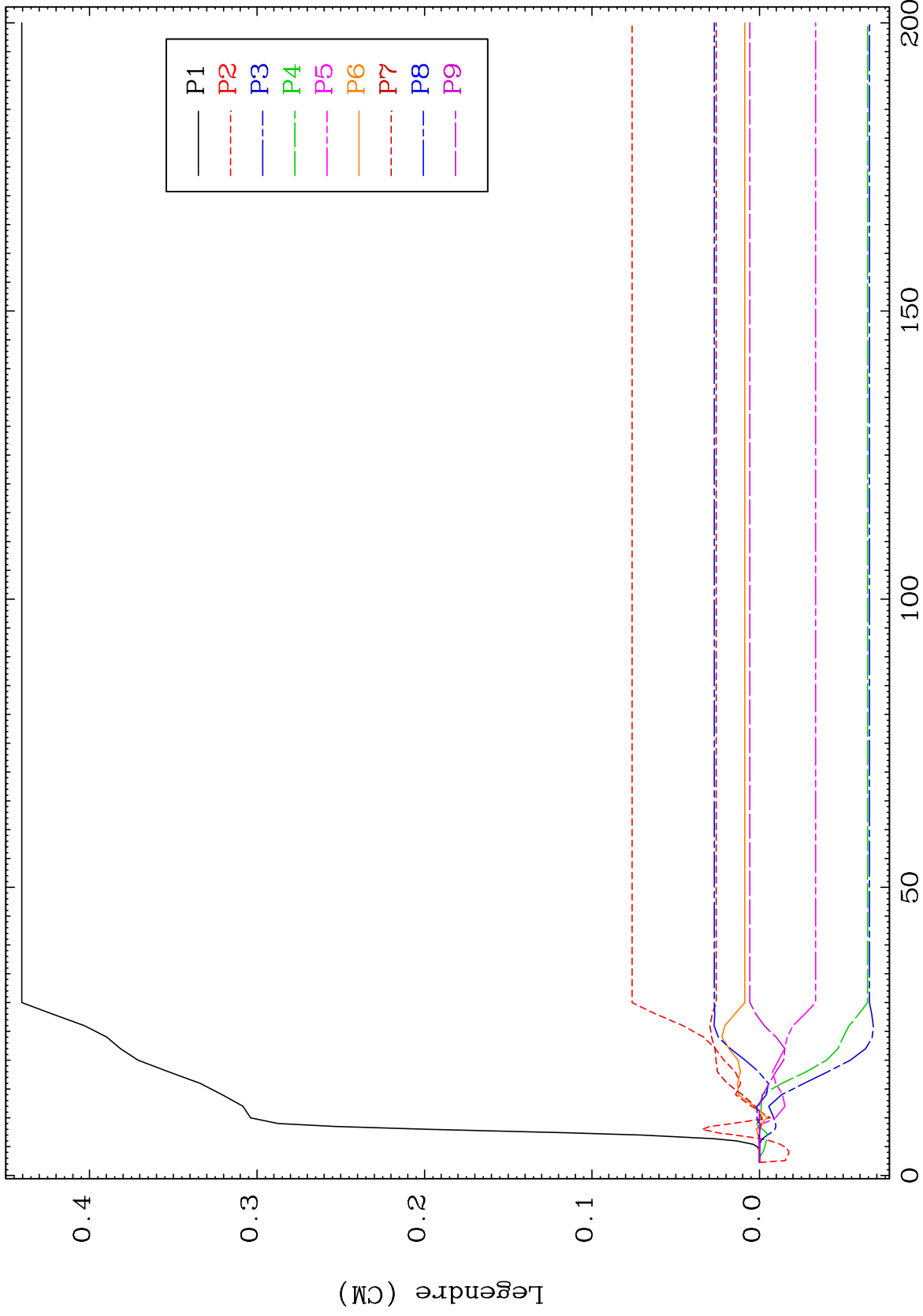
85-At-211



MAT 8549

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

85-At-211



112

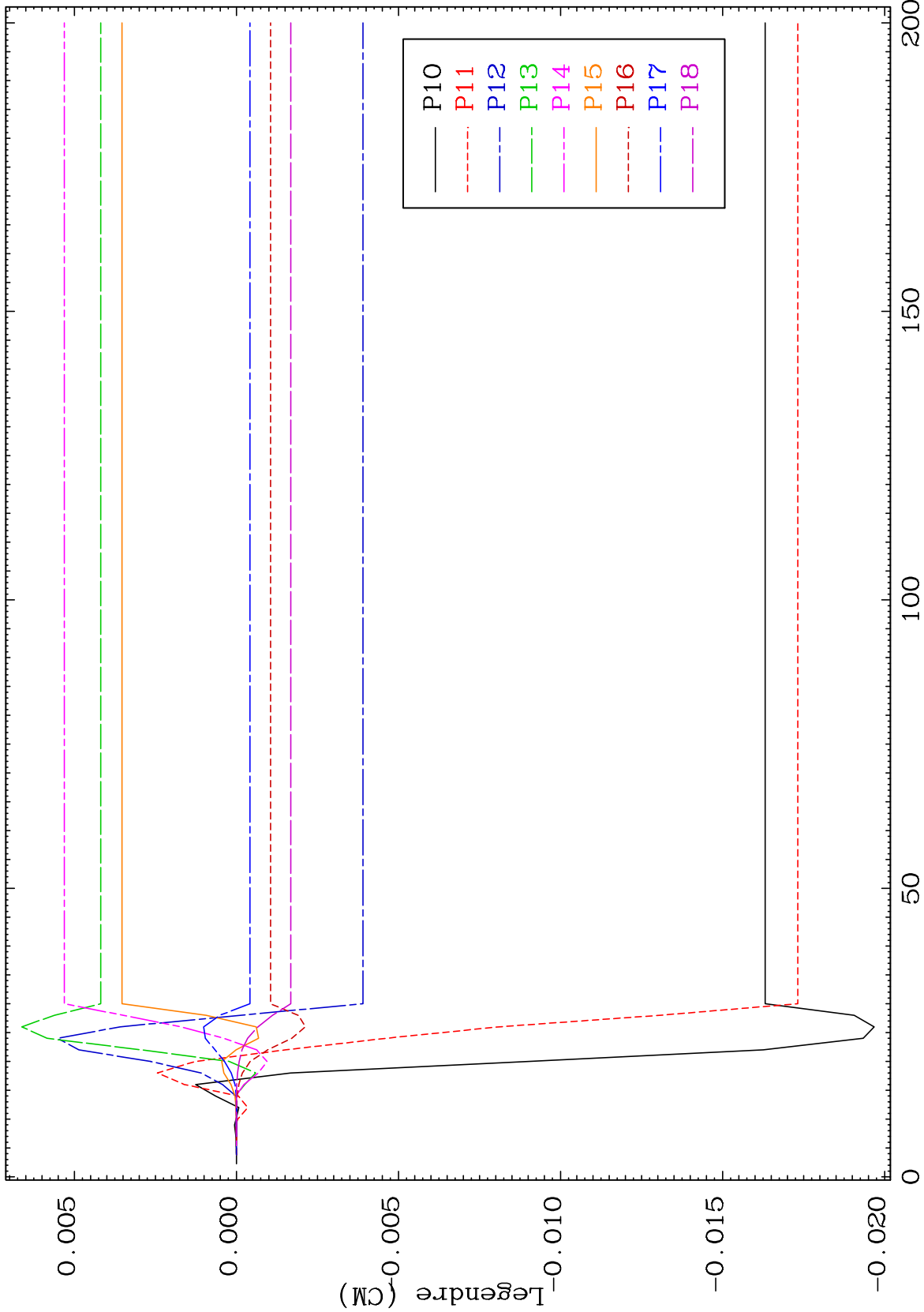
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



113

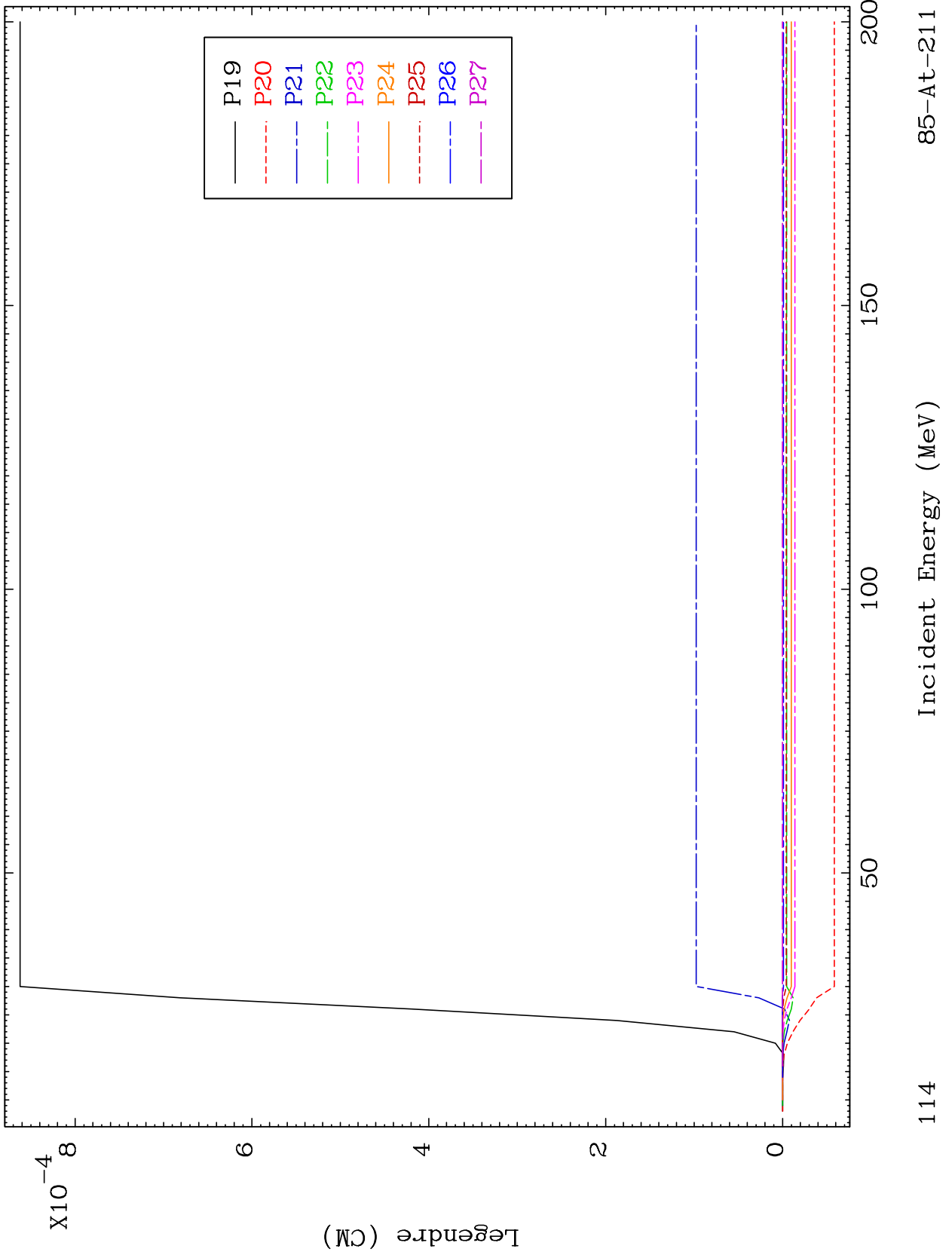
Incident Energy (MeV)

85-At-211

MAT 8549

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

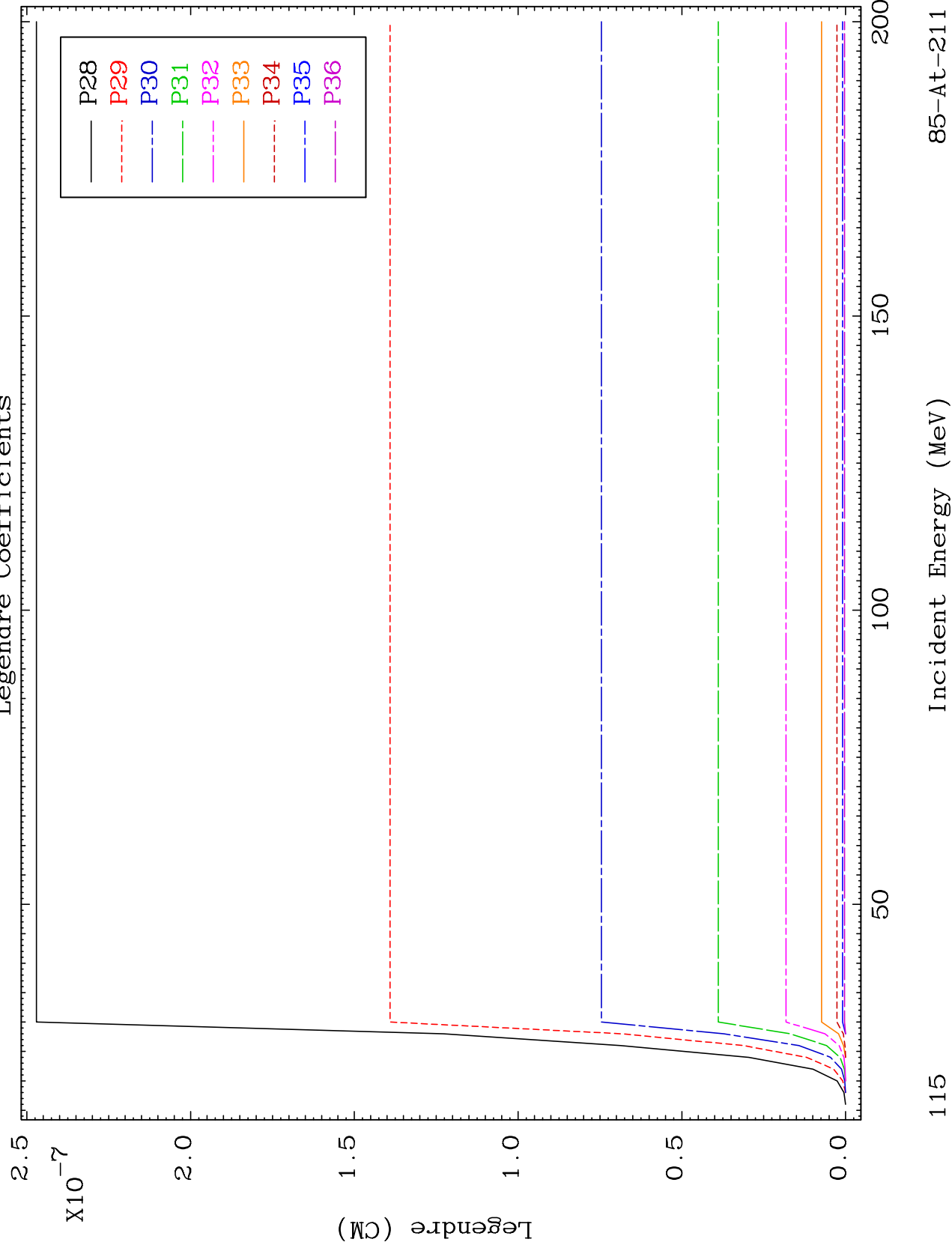
85-At-211



MAT 8549

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

85-At-211



115

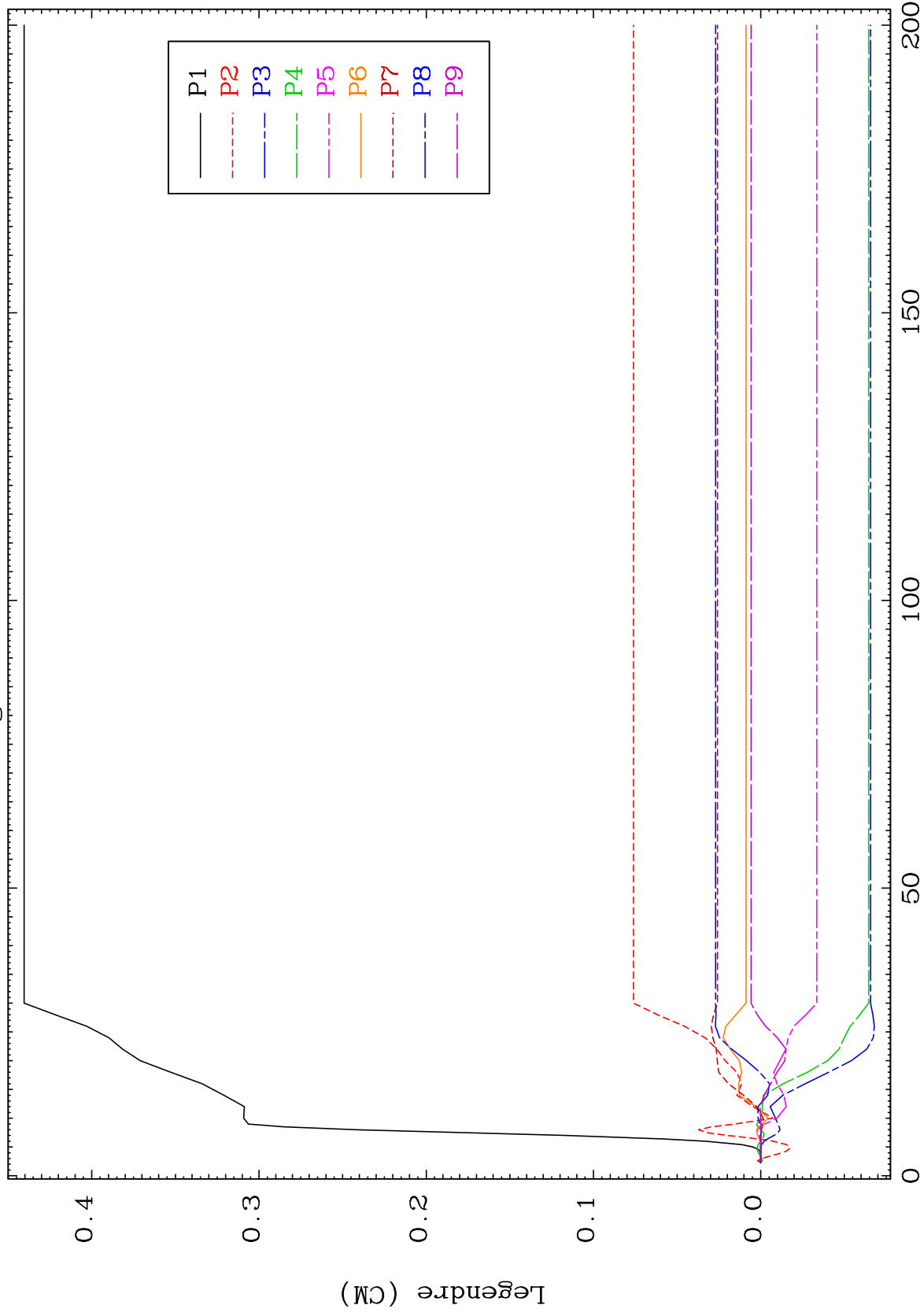
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



116

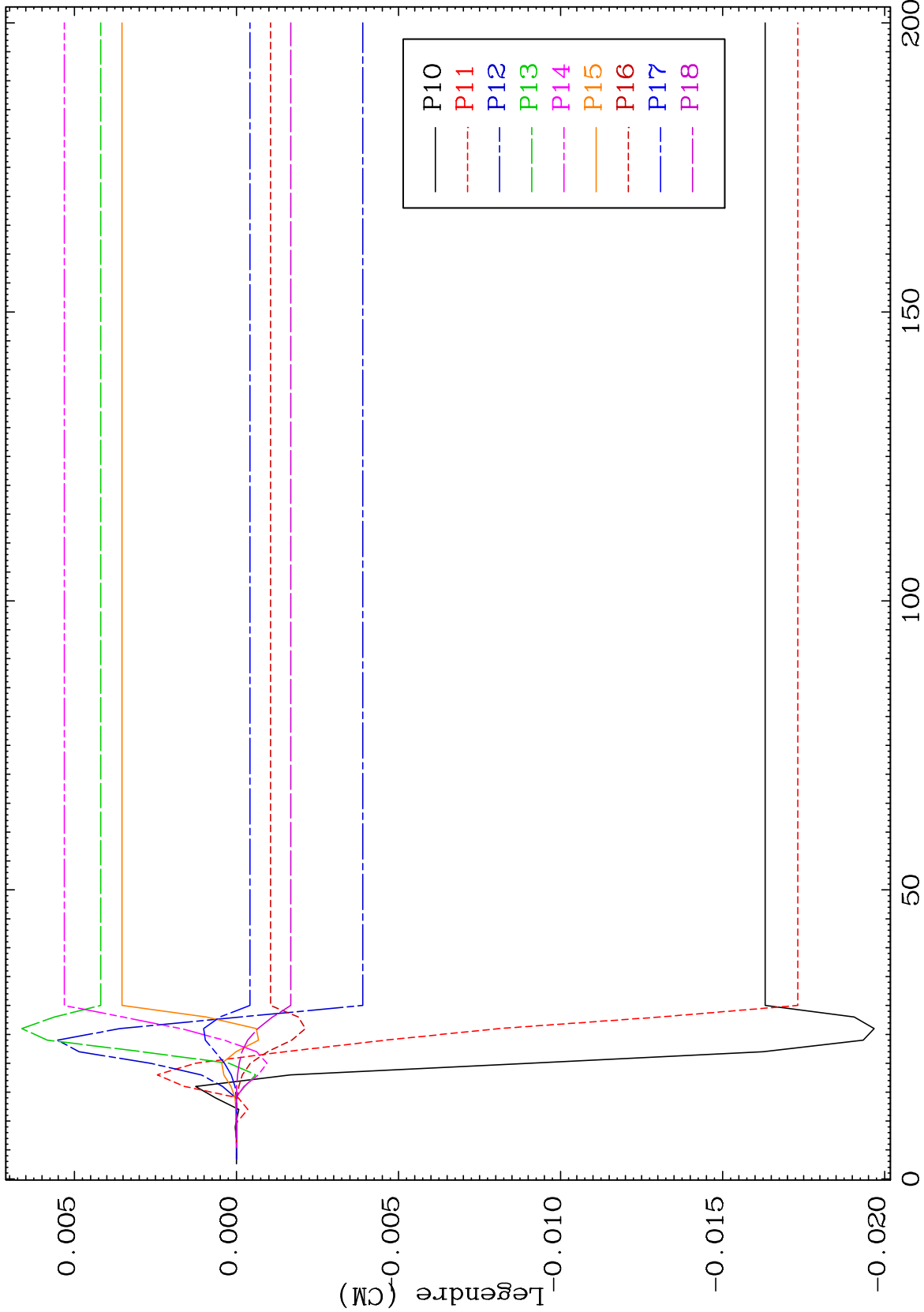
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



117

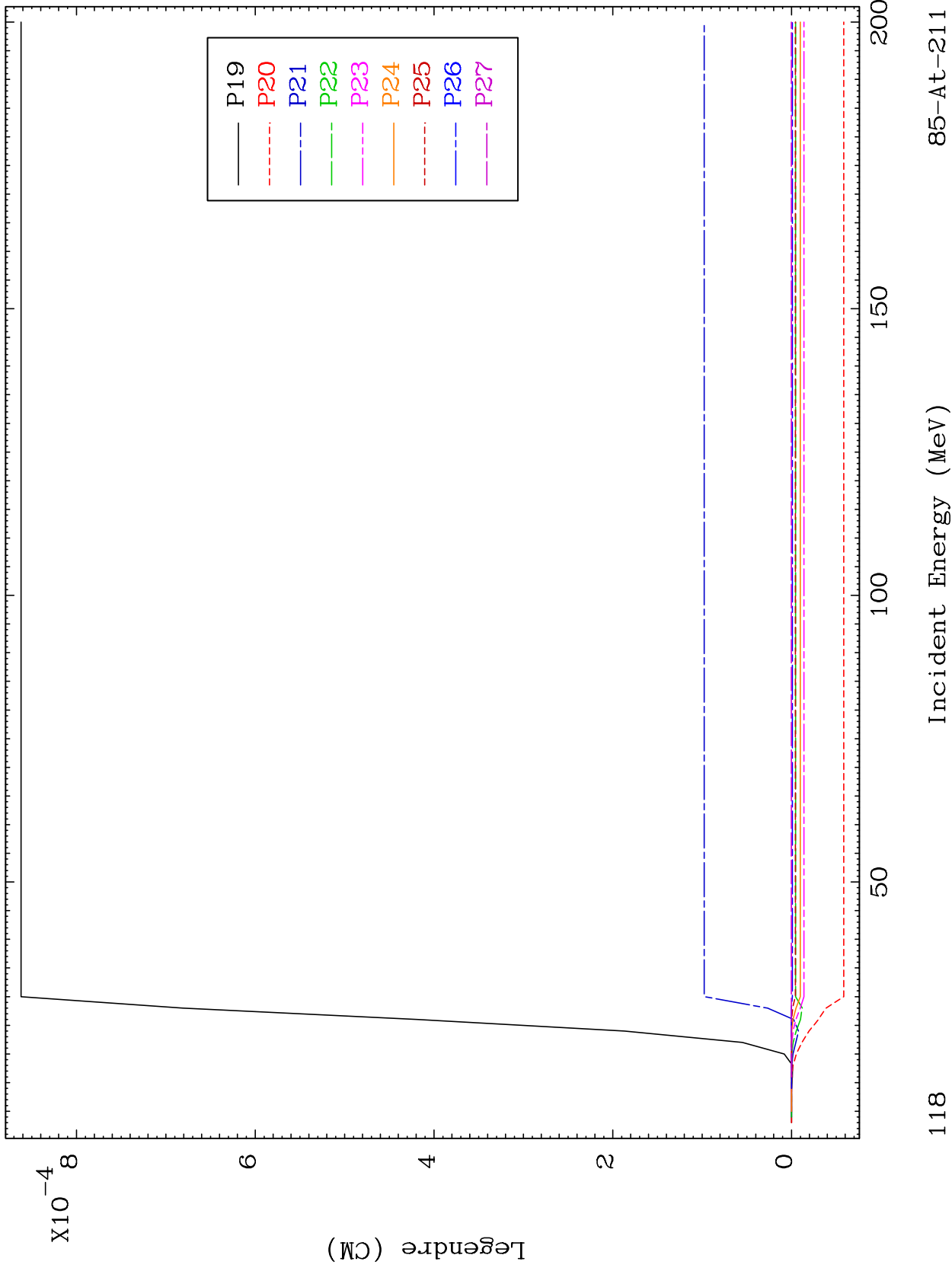
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



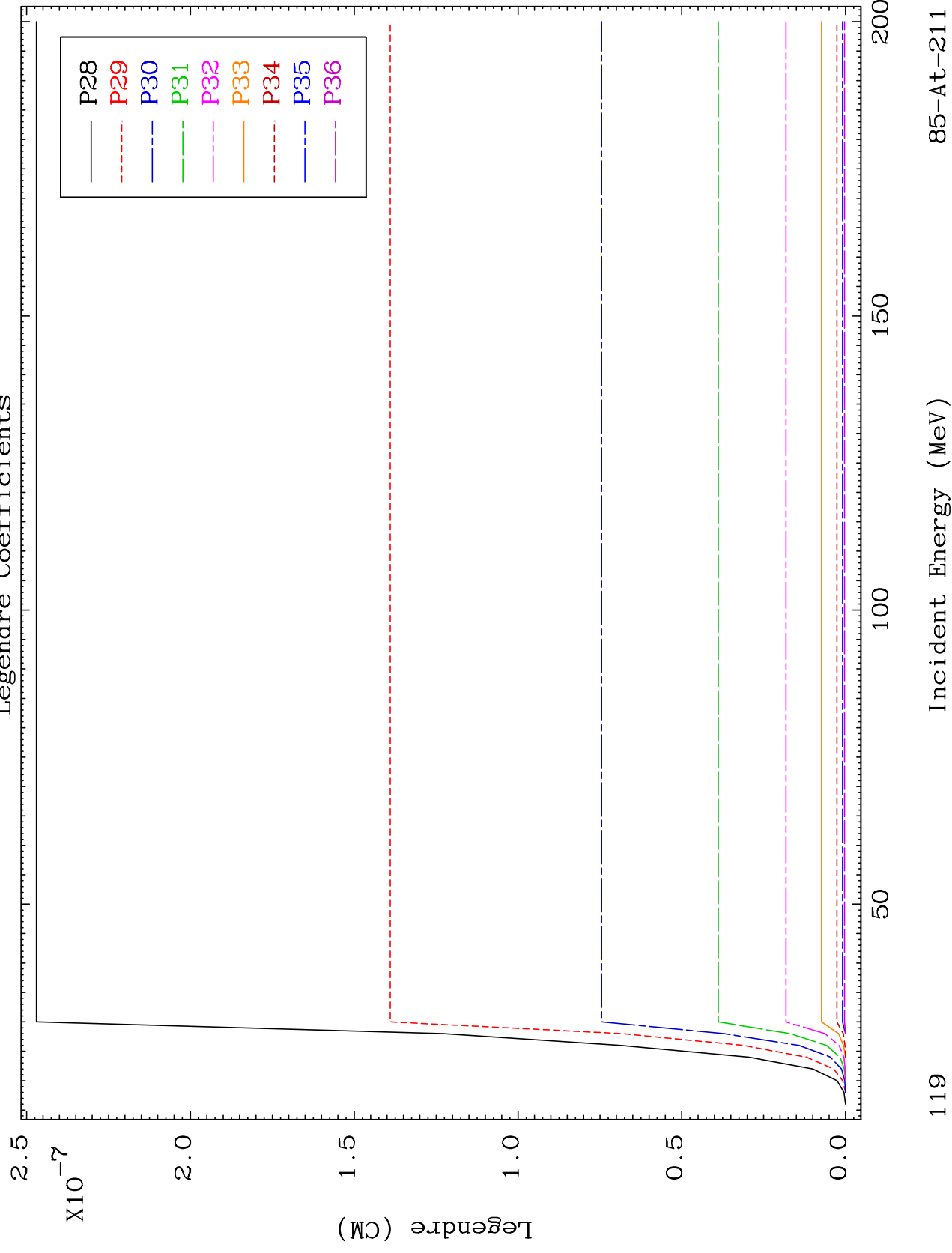
118

85-At-211

MAT 8549

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

85-At-211



119

Incident Energy (MeV)

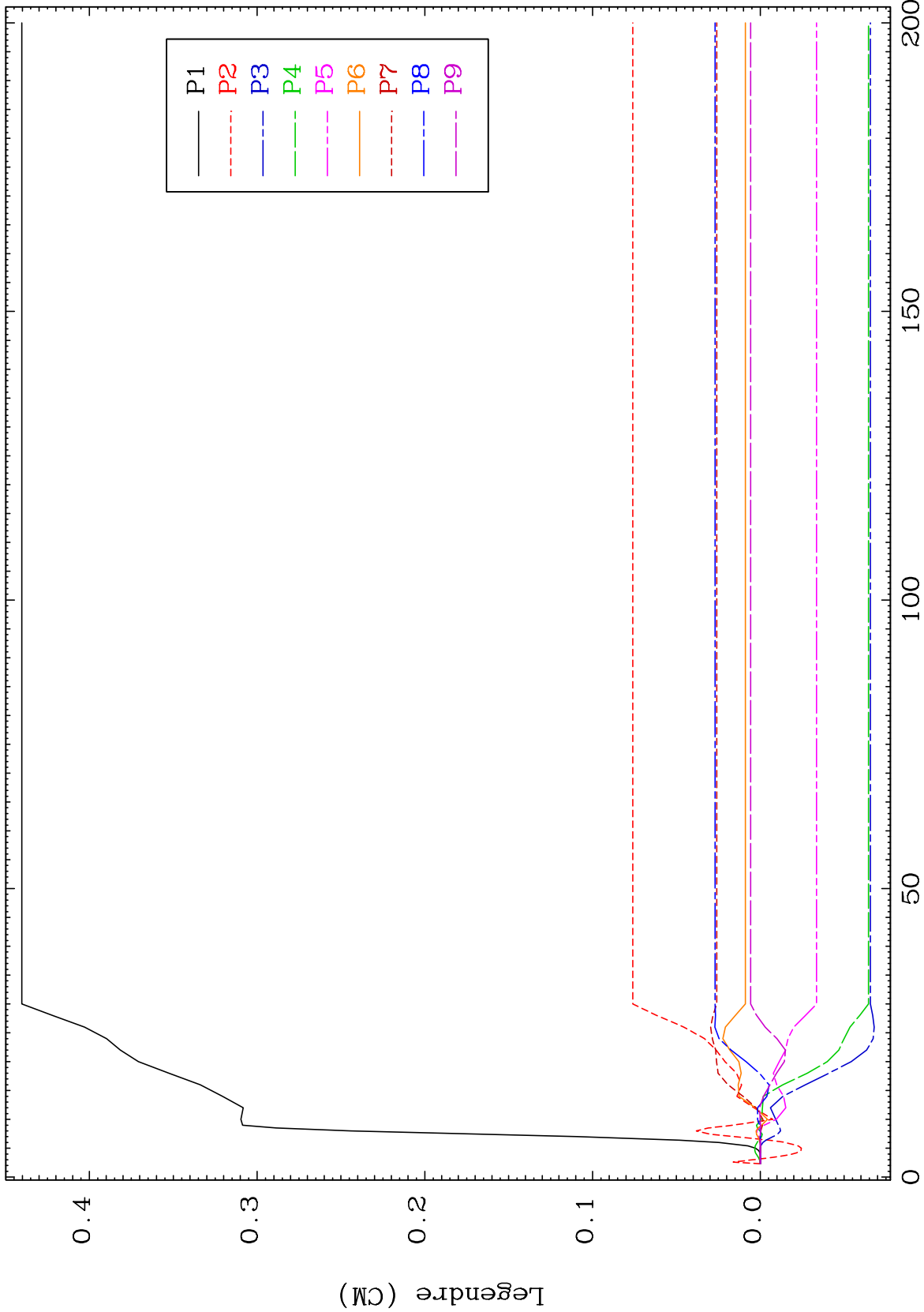
85-At-211



MAT 8549

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

85-At-211



85-At-211

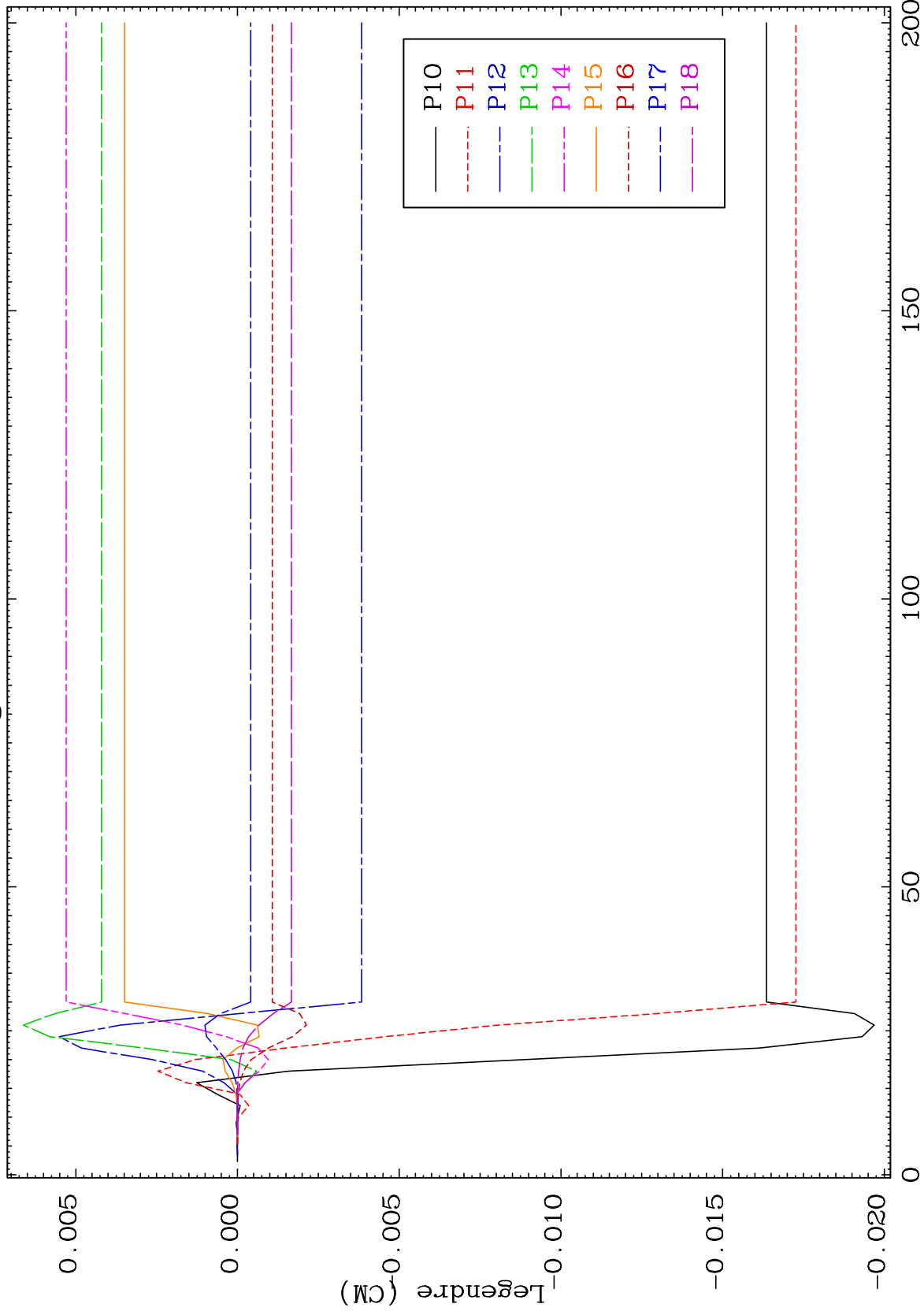
Incident Energy (MeV)

120

MAT 8549

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

85-At-211



121

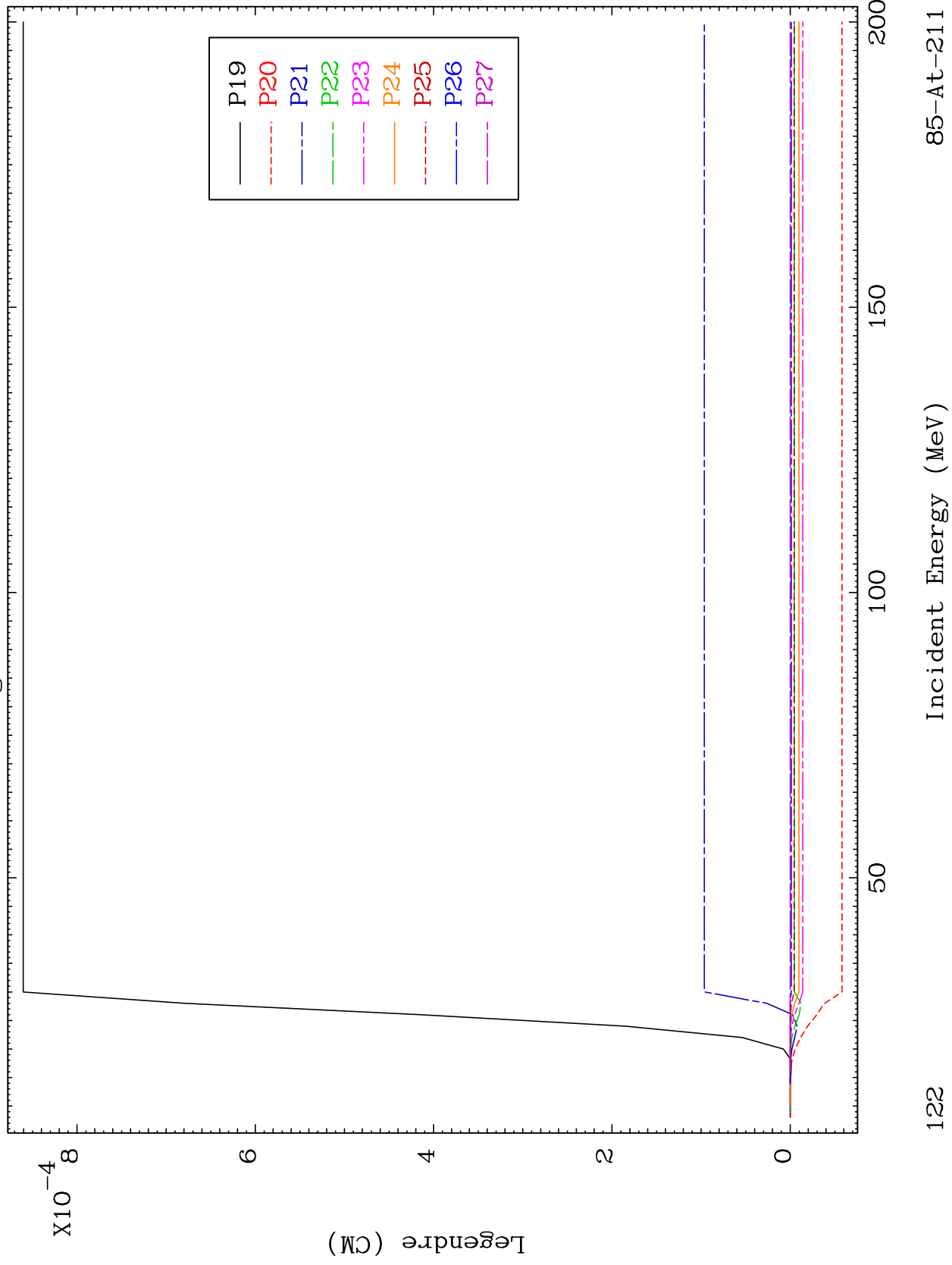
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



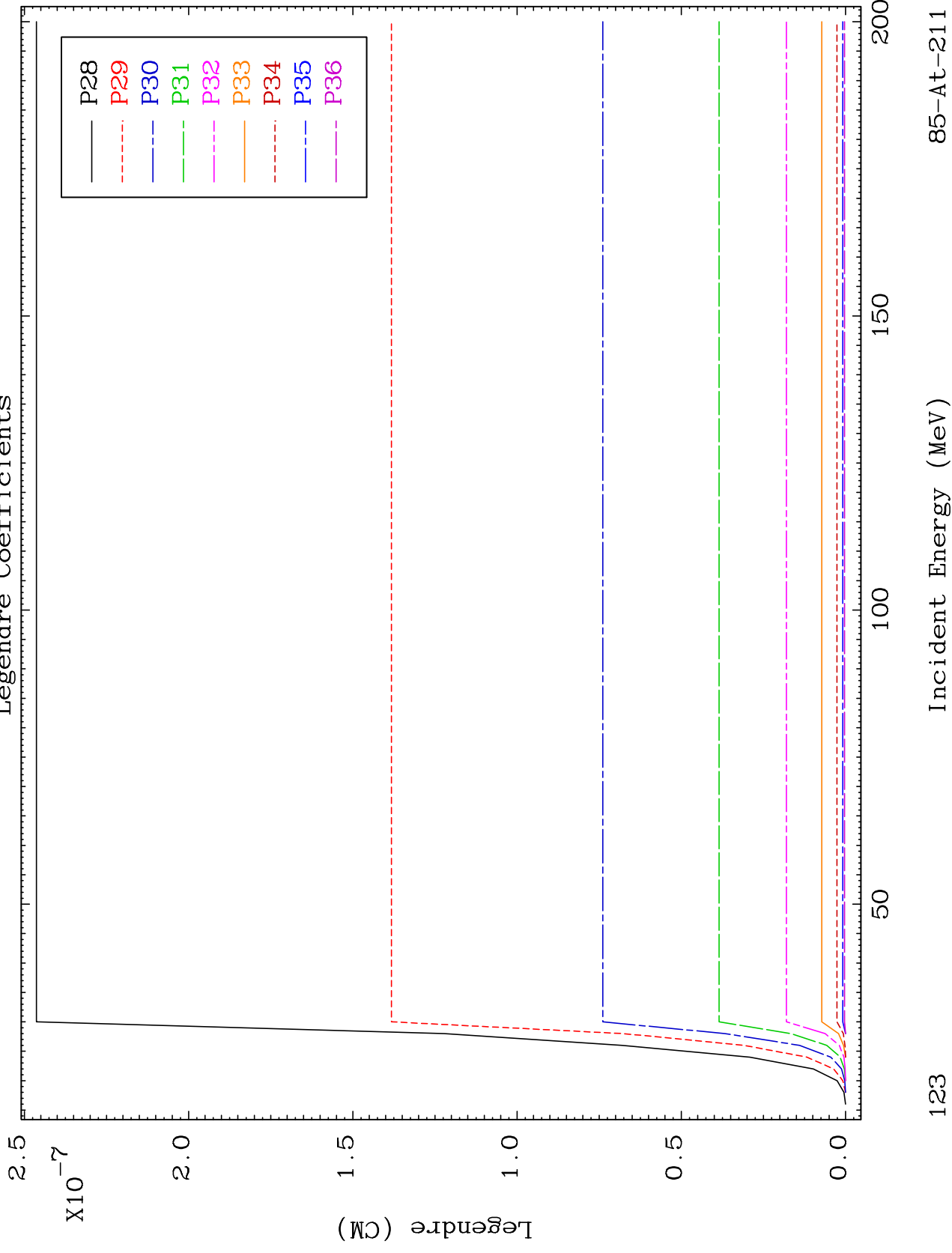
122

85-At-211

MAT 8549

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

85-At-211



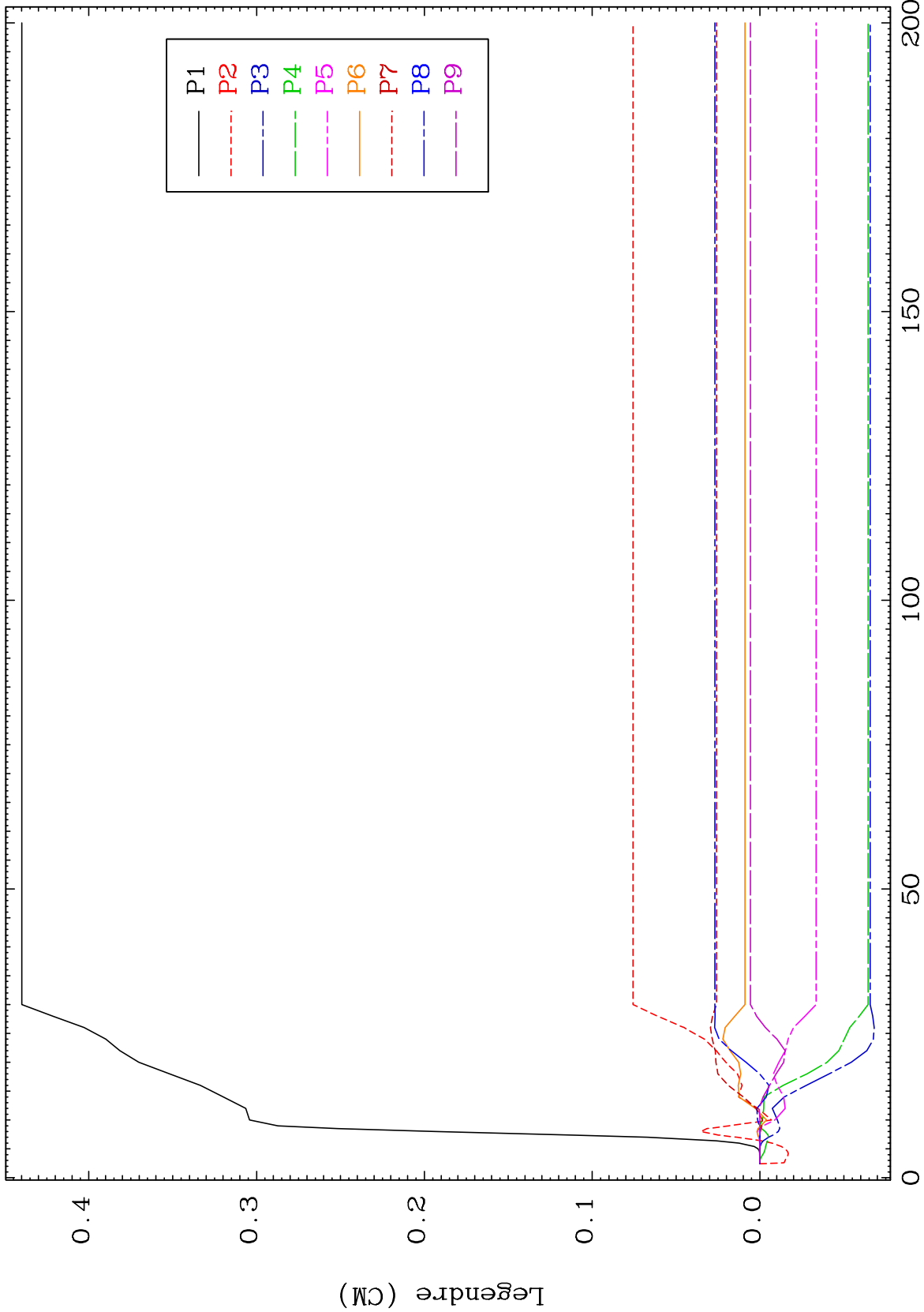
123

85-At-211

MAT 8549

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

85-At-211



124

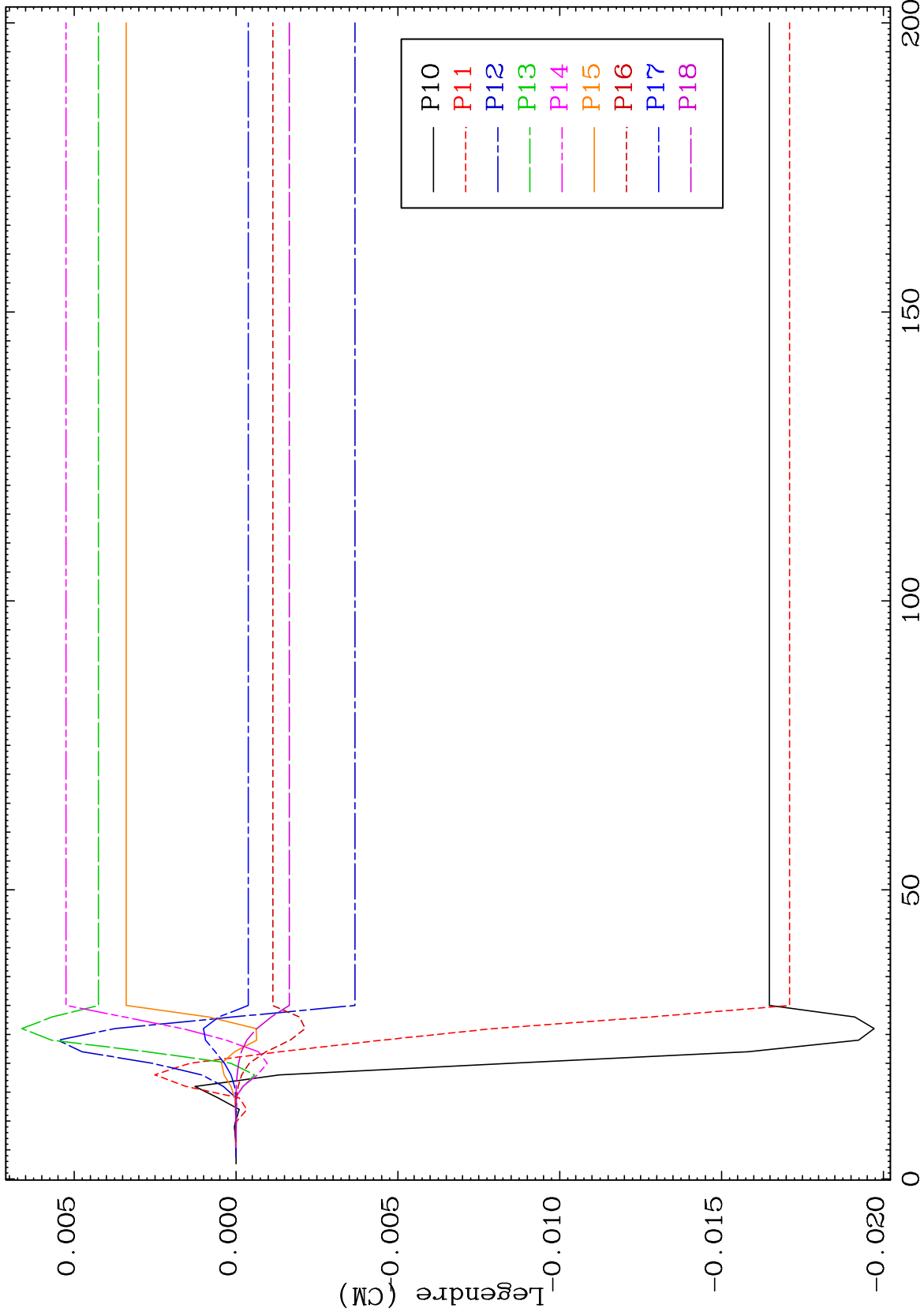
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



125

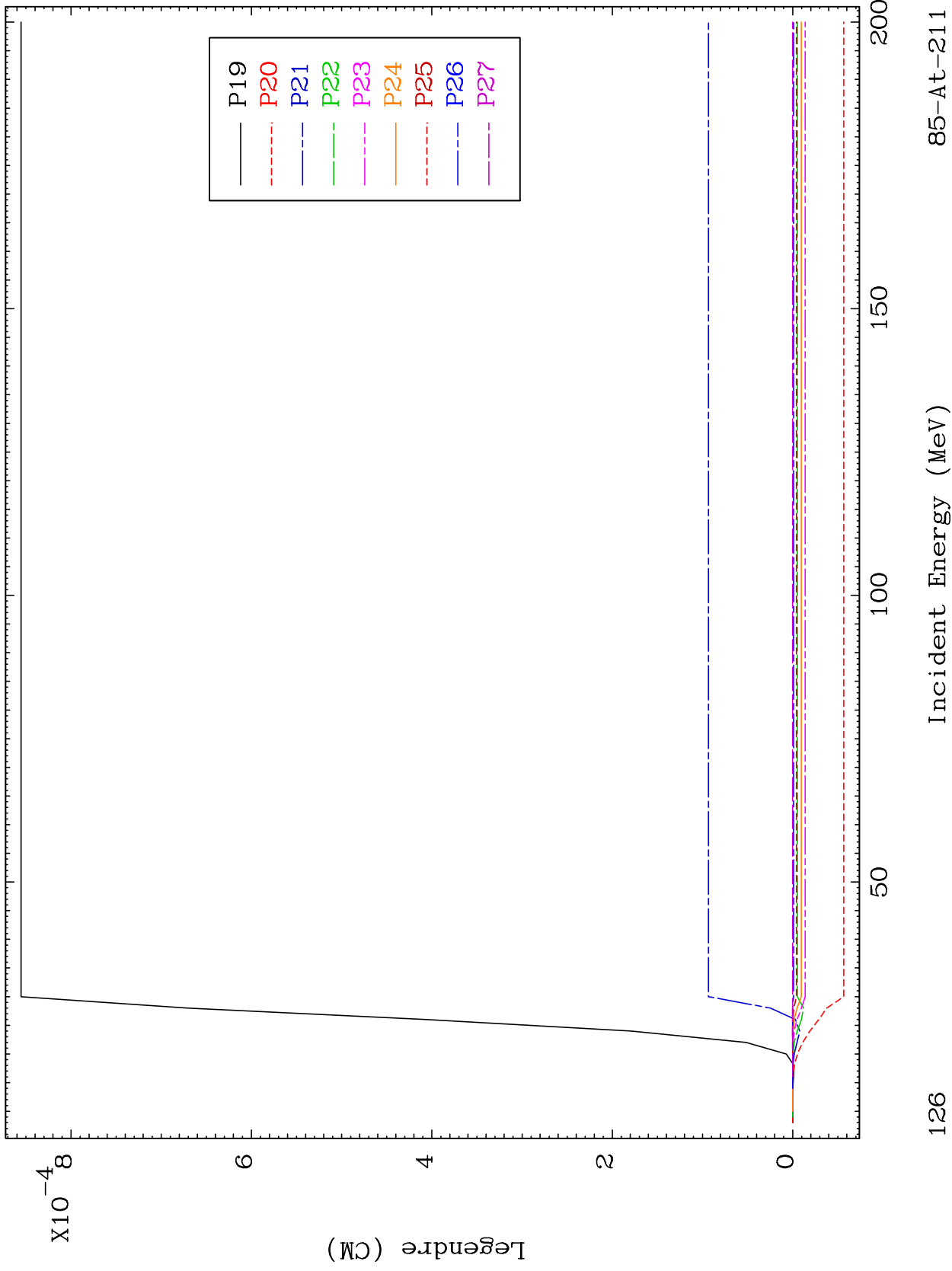
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



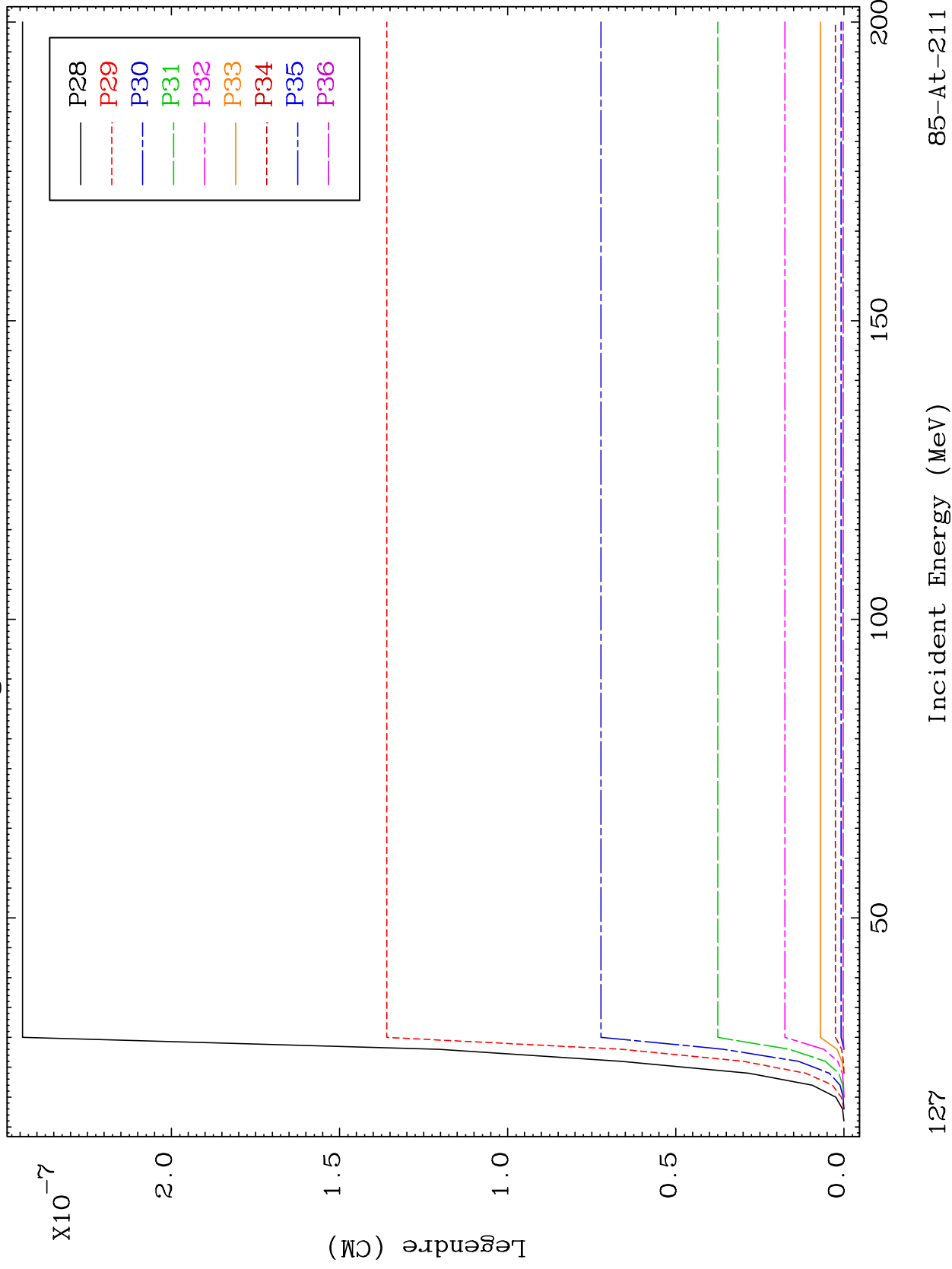
126

85-At-211

MAT 8549

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

85-At-211



127

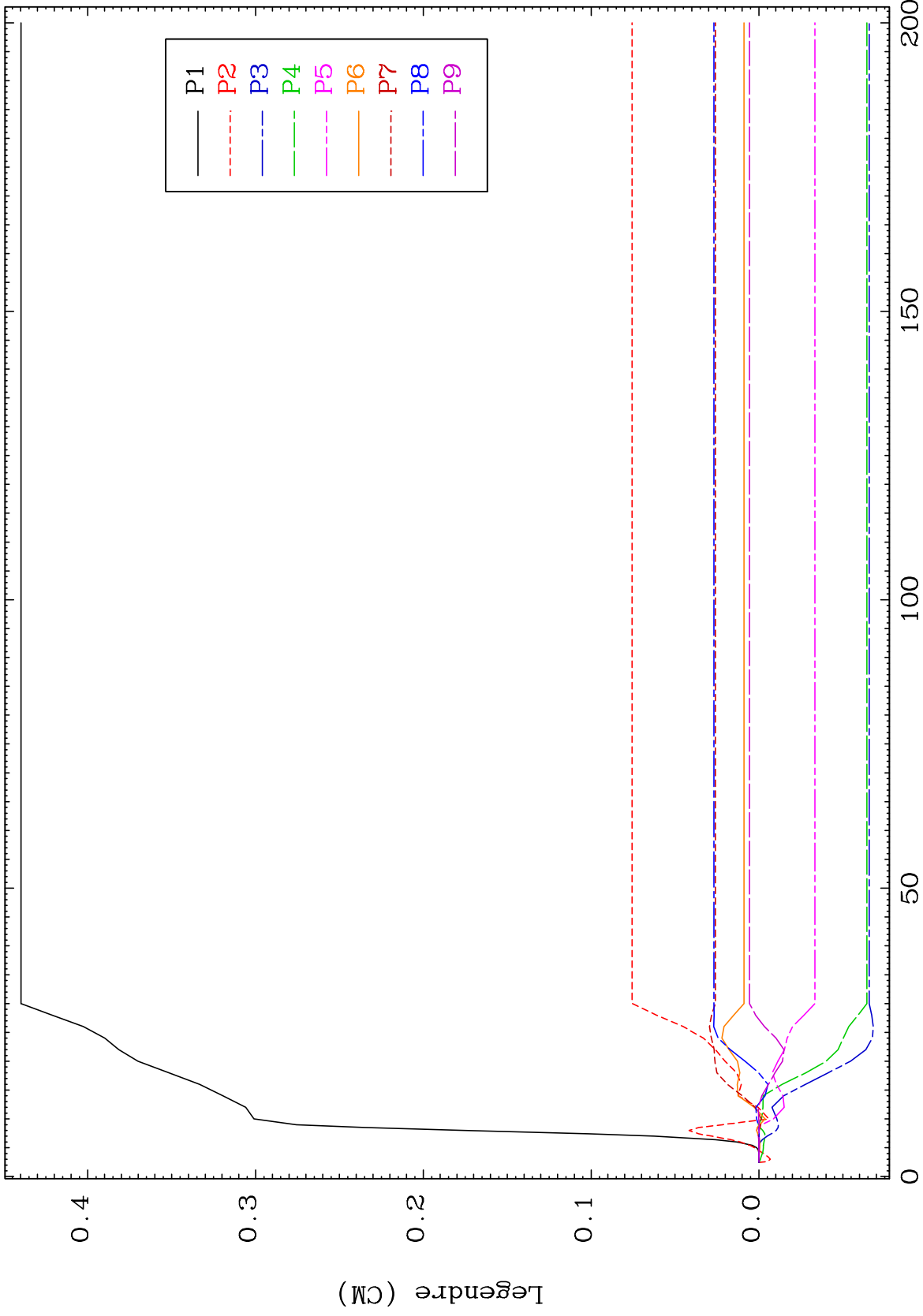
85-At-211



MAT 8549

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

85-At-211



128

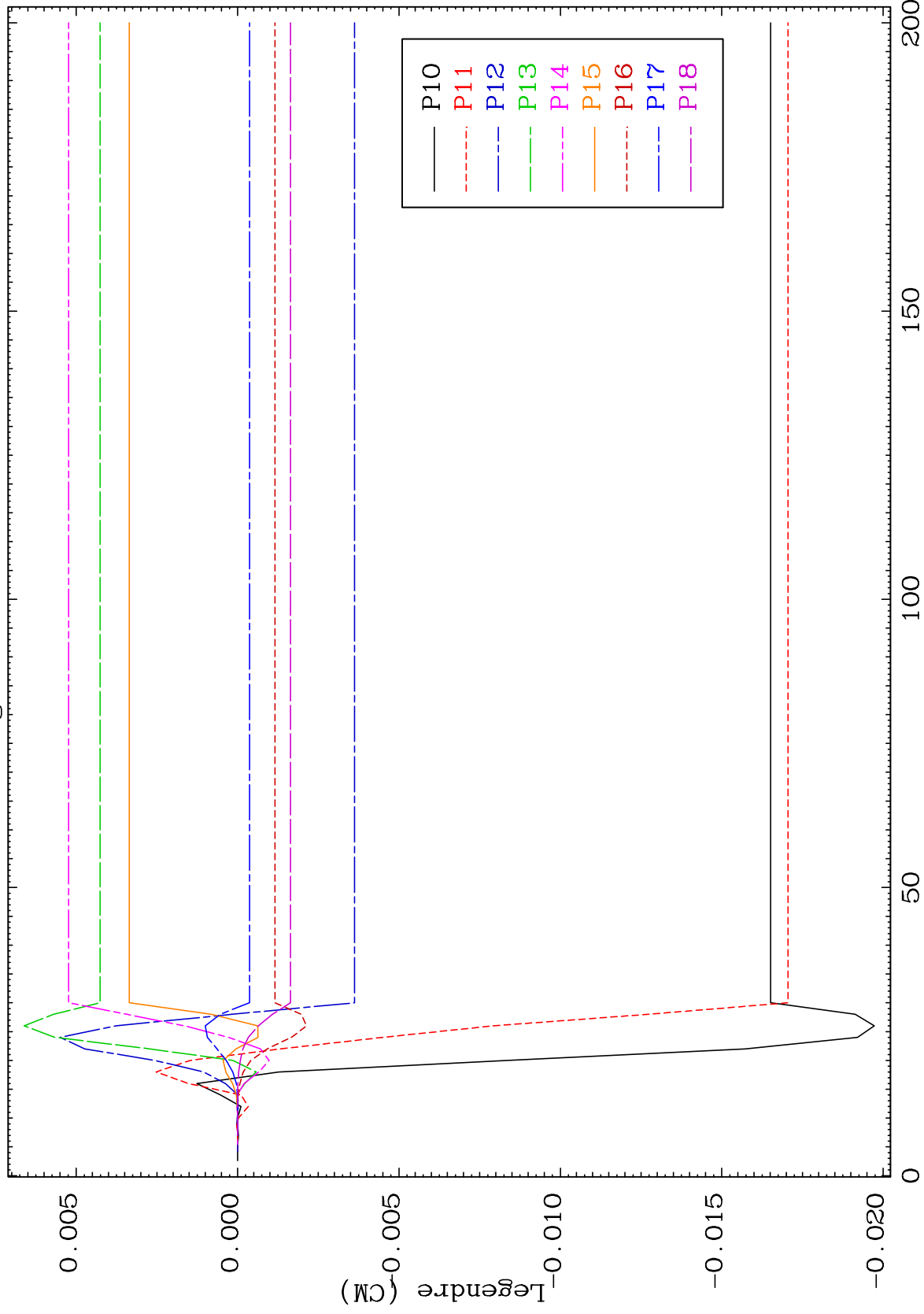
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



129

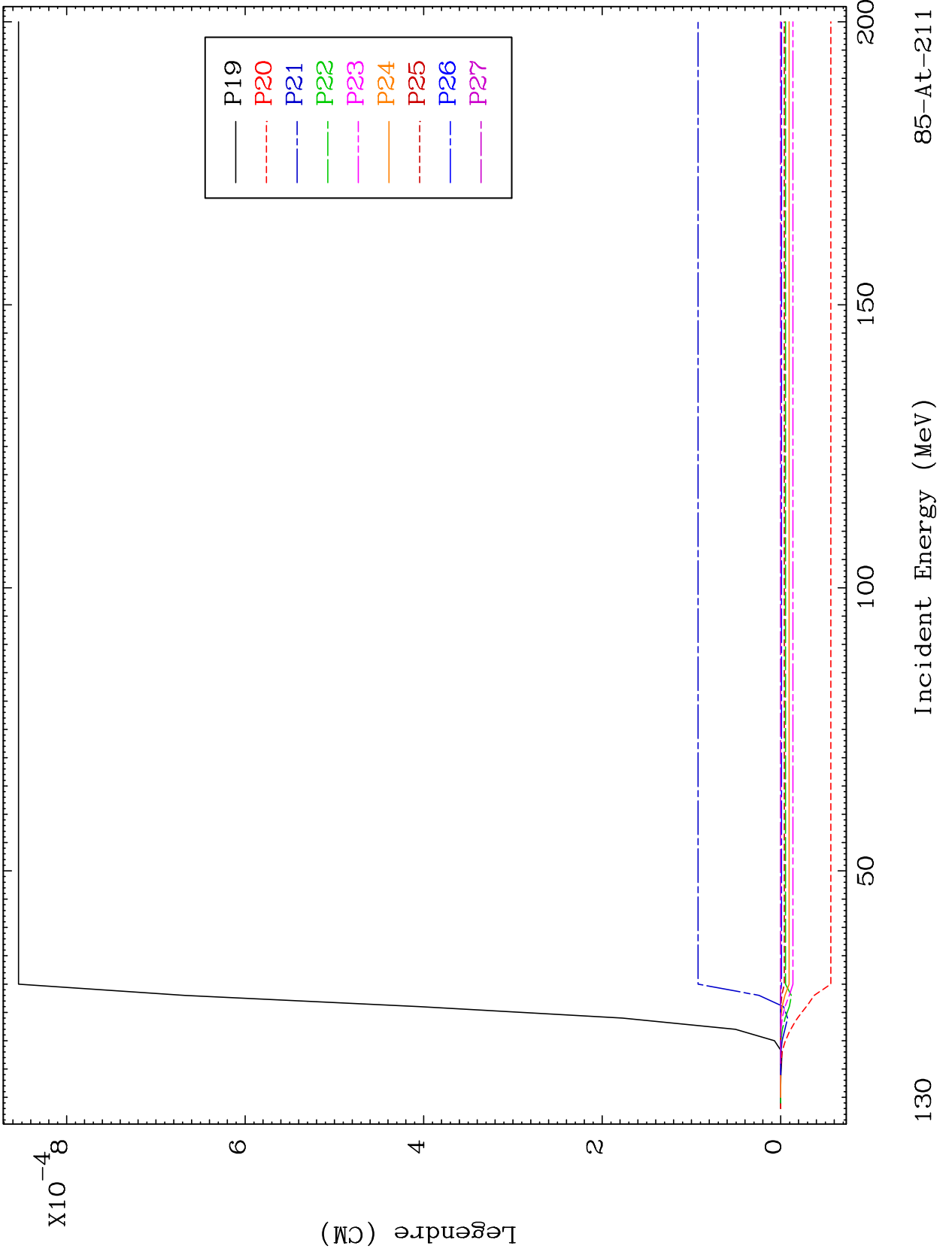
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



130

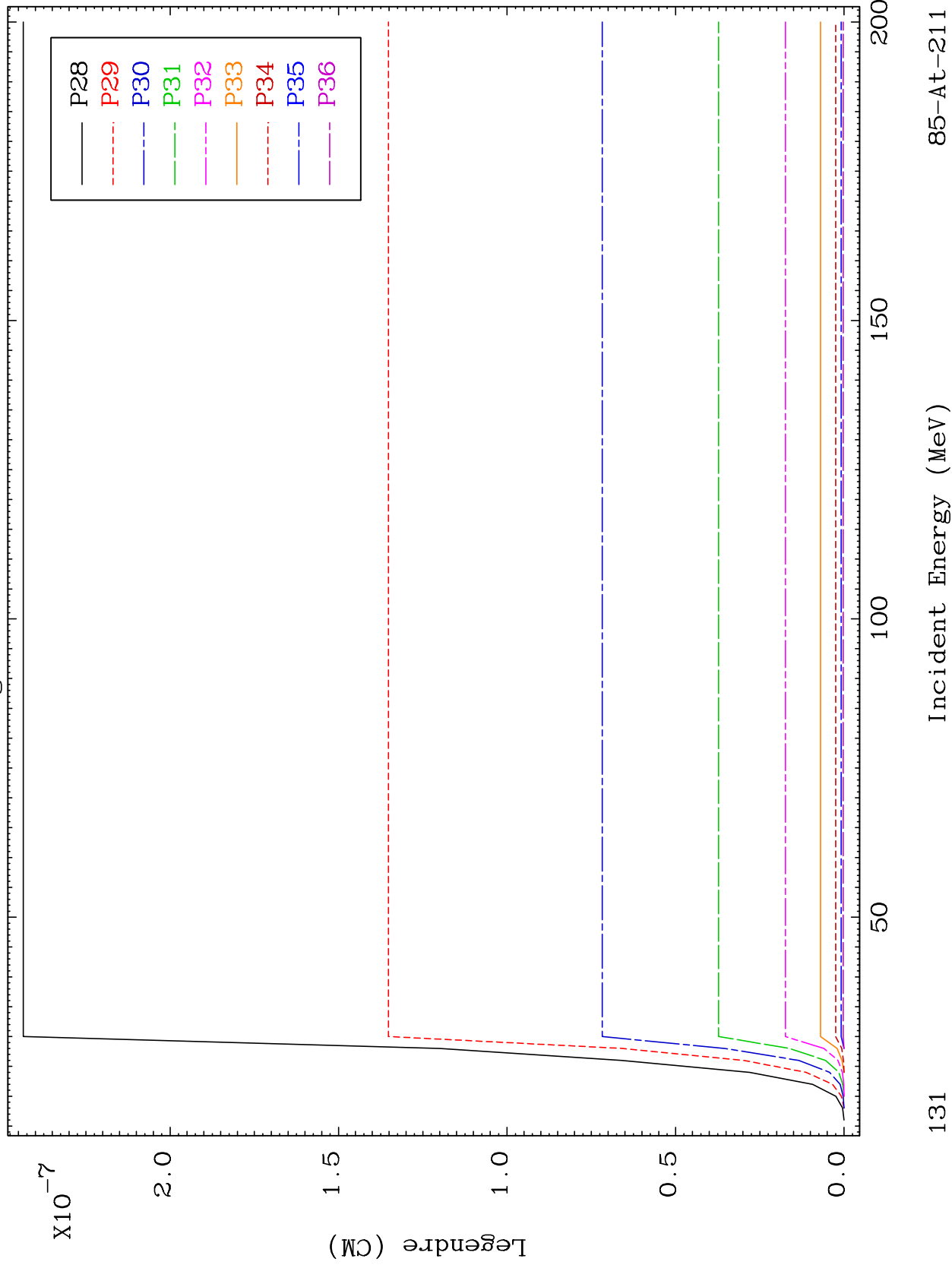
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



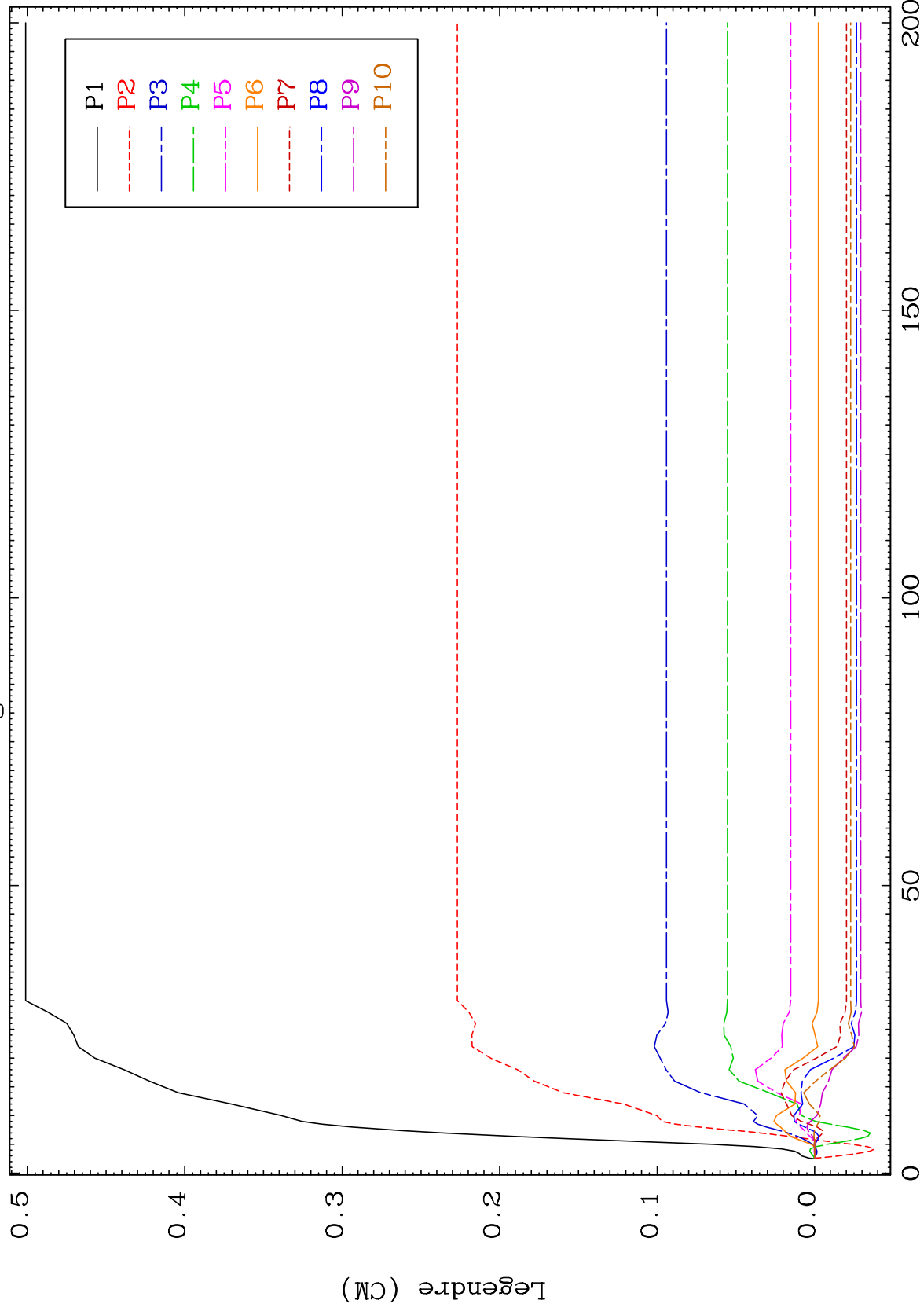
131

85-At-211

MAT 8549

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

85-At-211



132

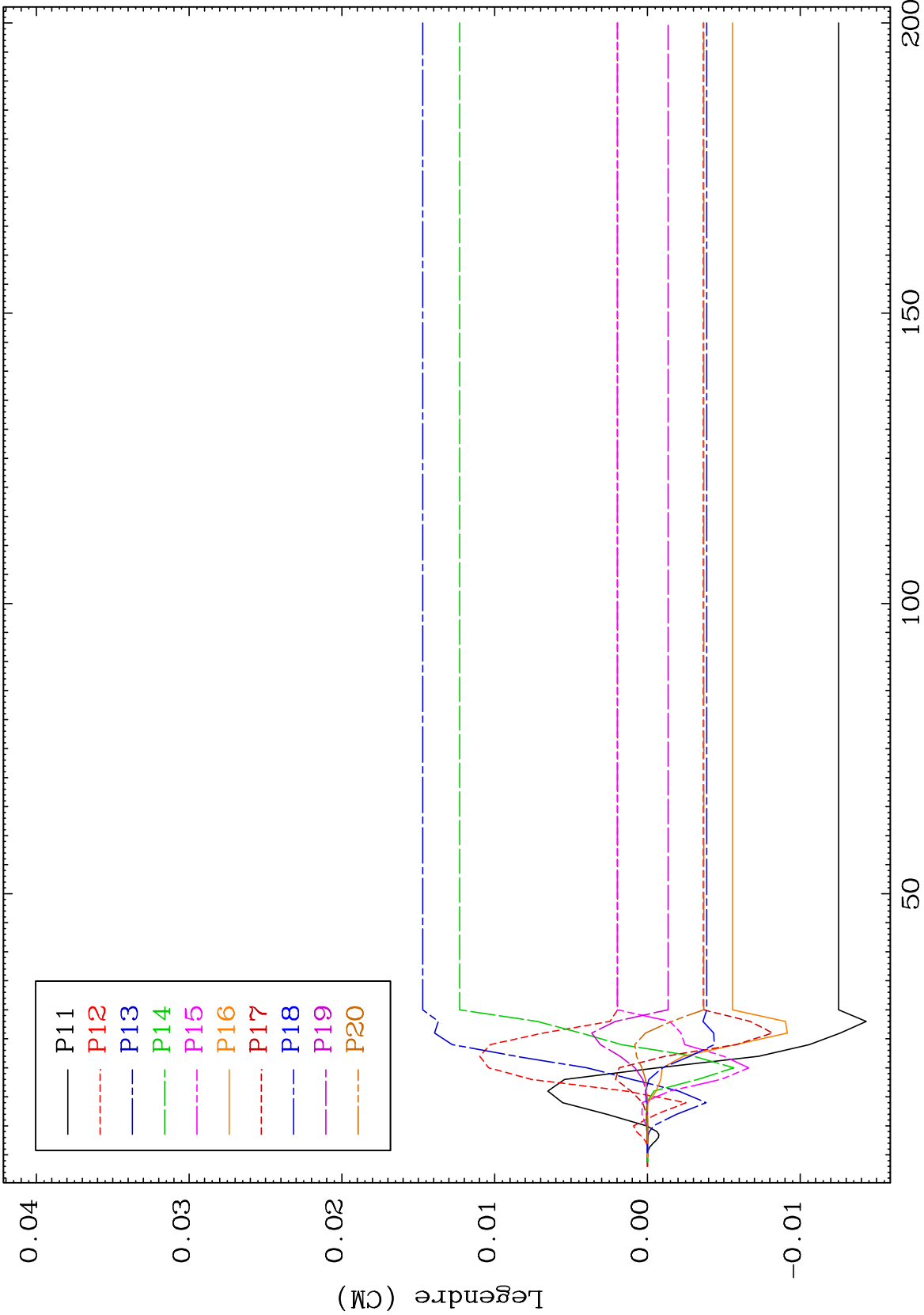
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



133

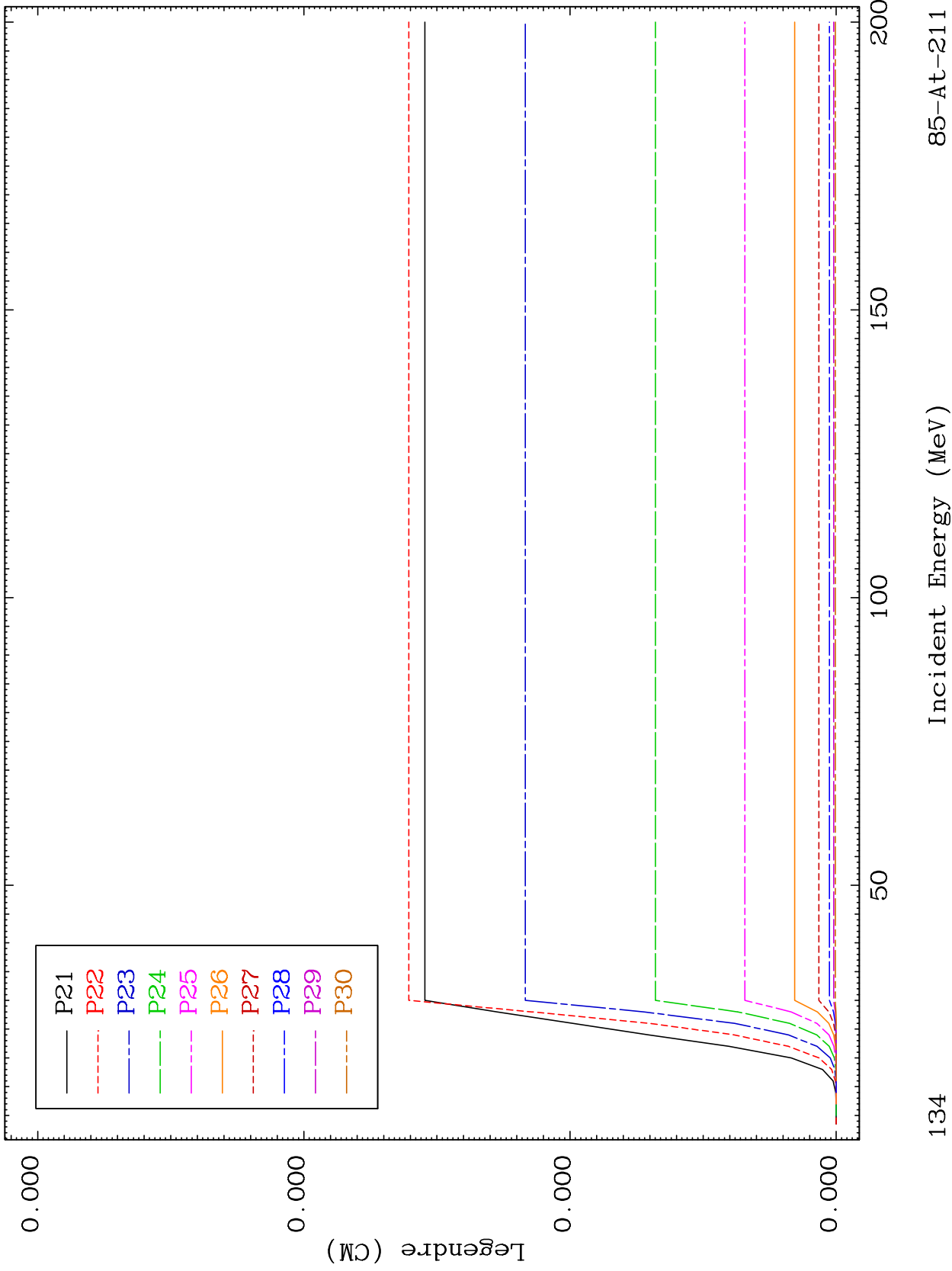
Incident Energy (MeV)

85-At-211

MAT 8549

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

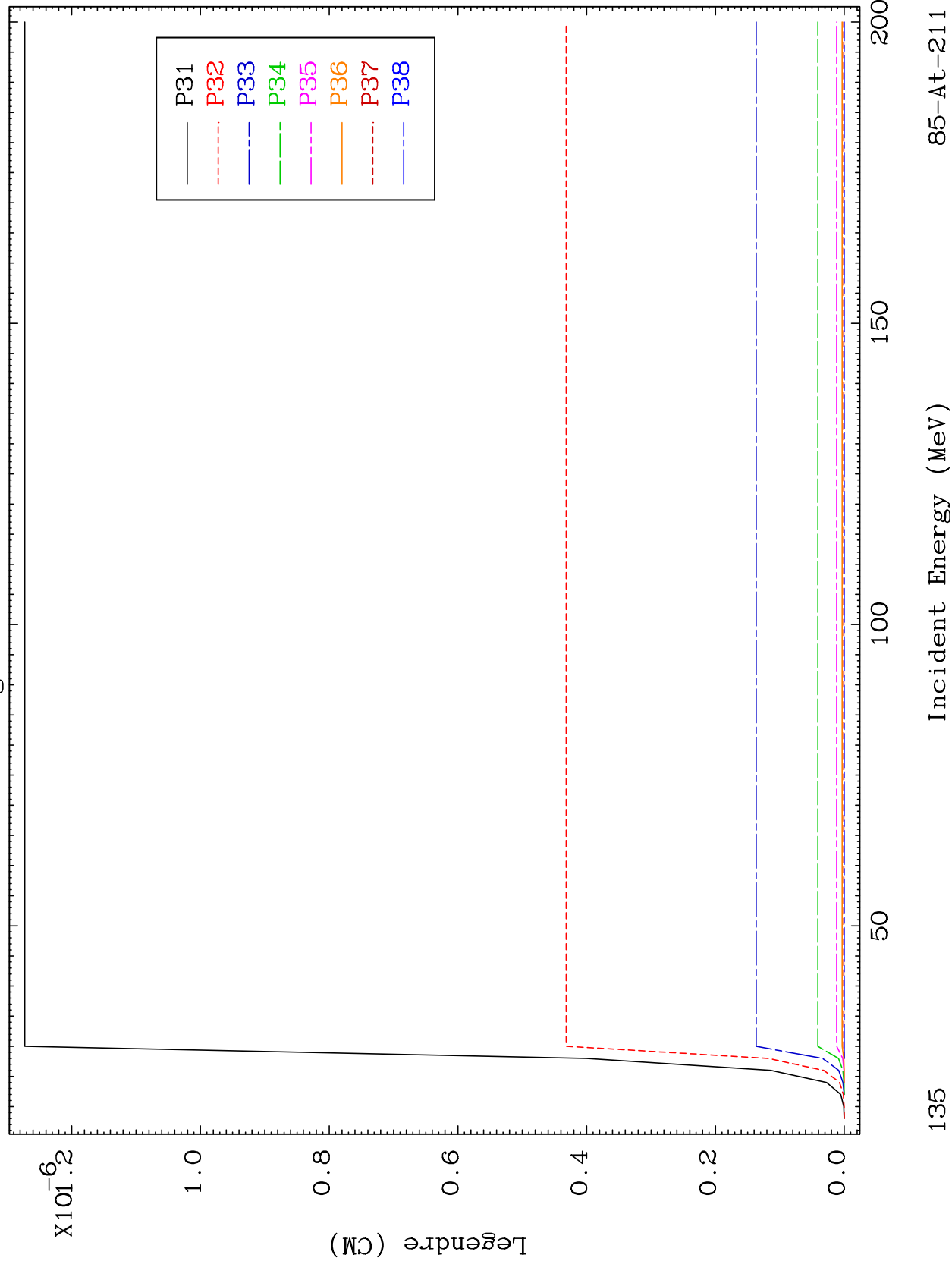
85-At-211



MAT 8549

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

85-At-211



135

Incident Energy (MeV)

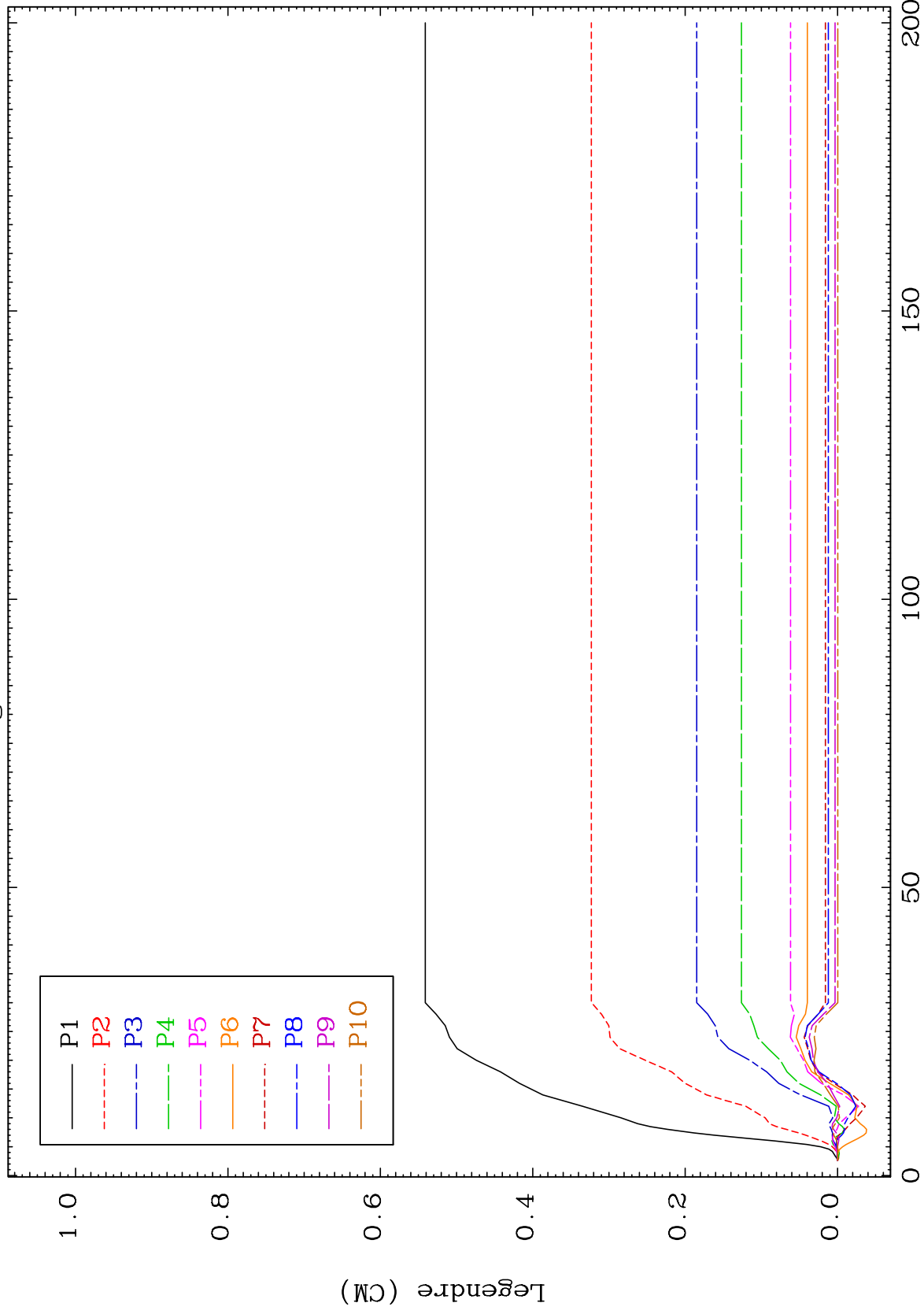
85-At-211



MAT 8549

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

85-At-211



136

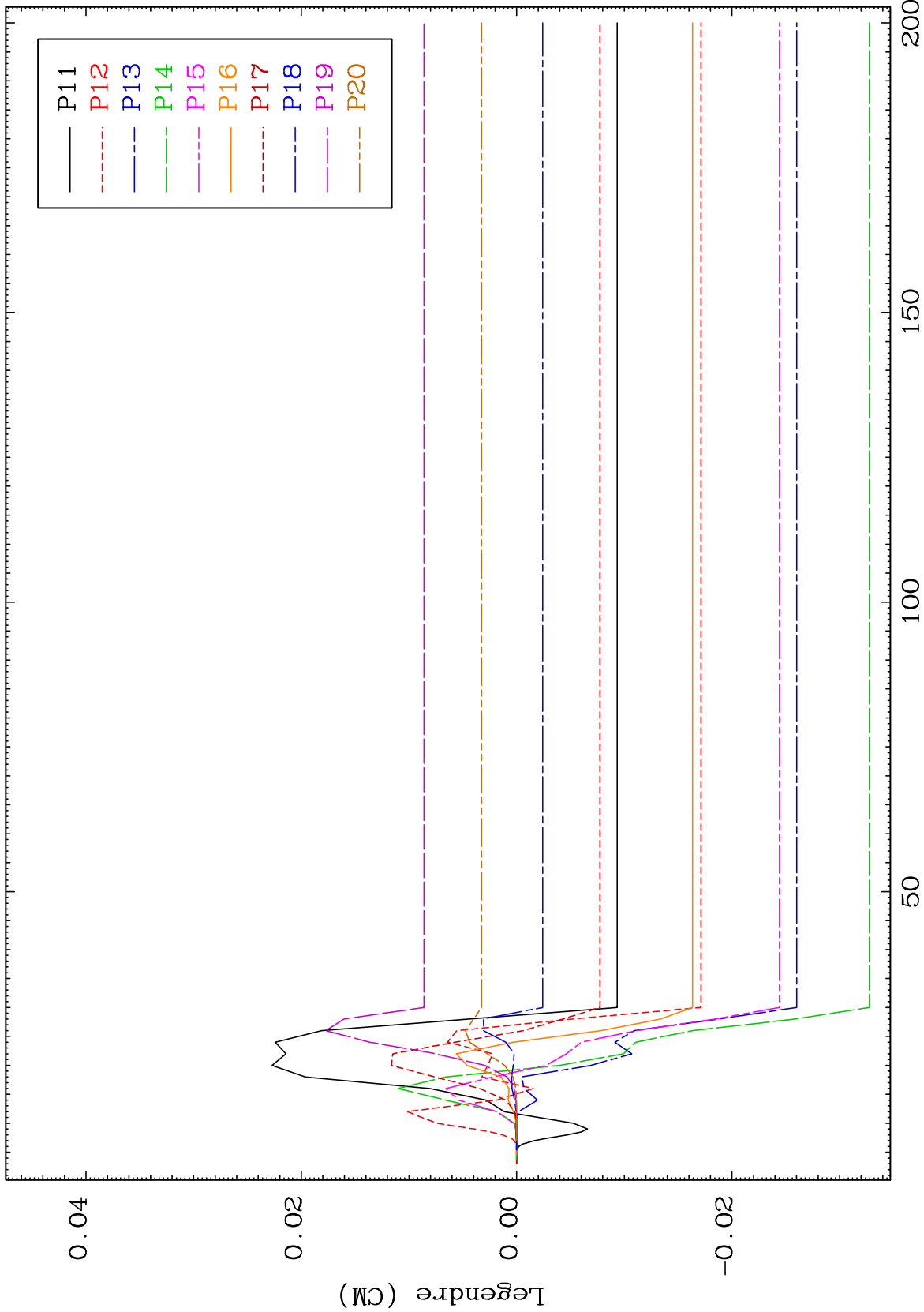
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



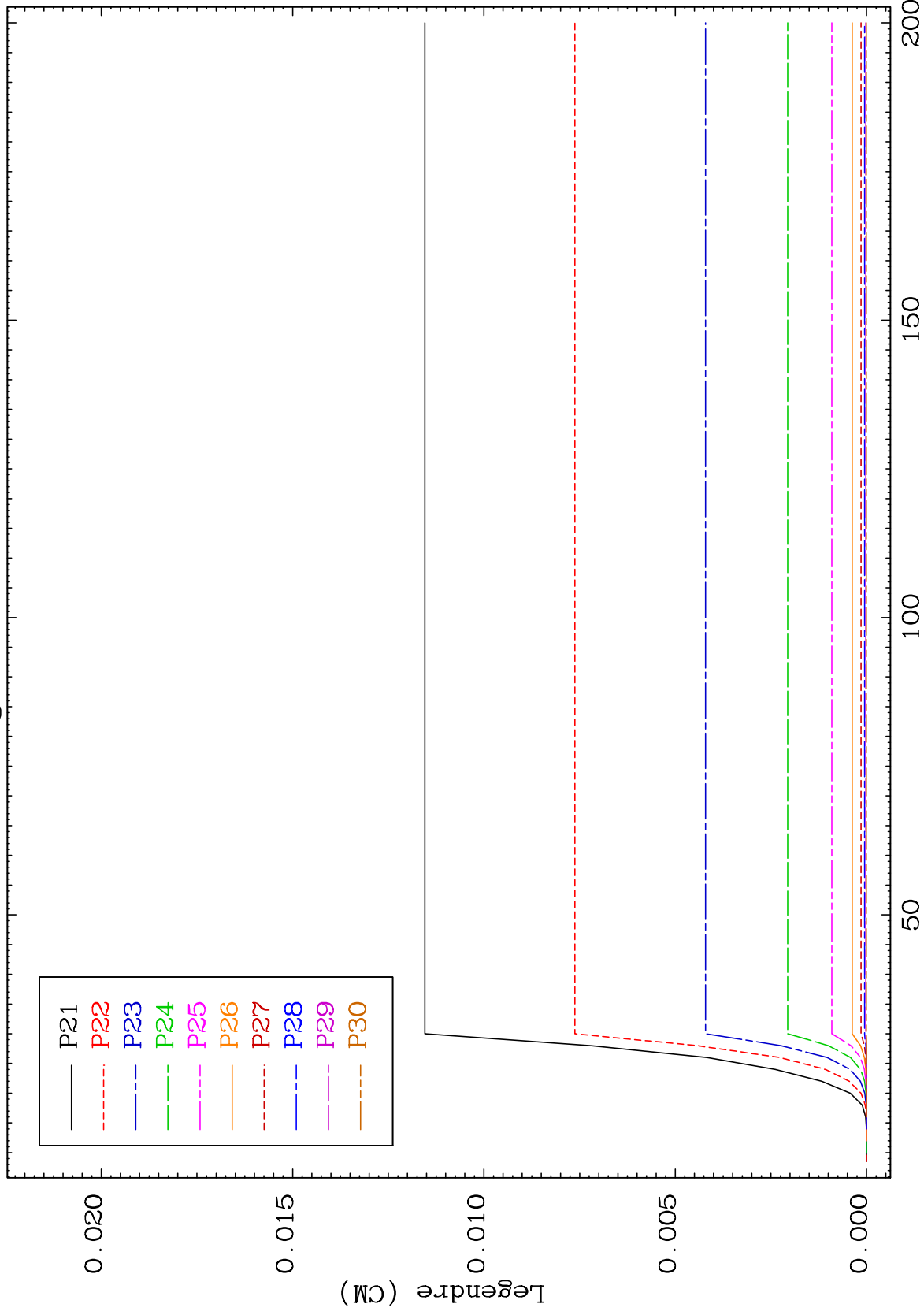
137

85-At-211

MAT 8549

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

85-At-211



138

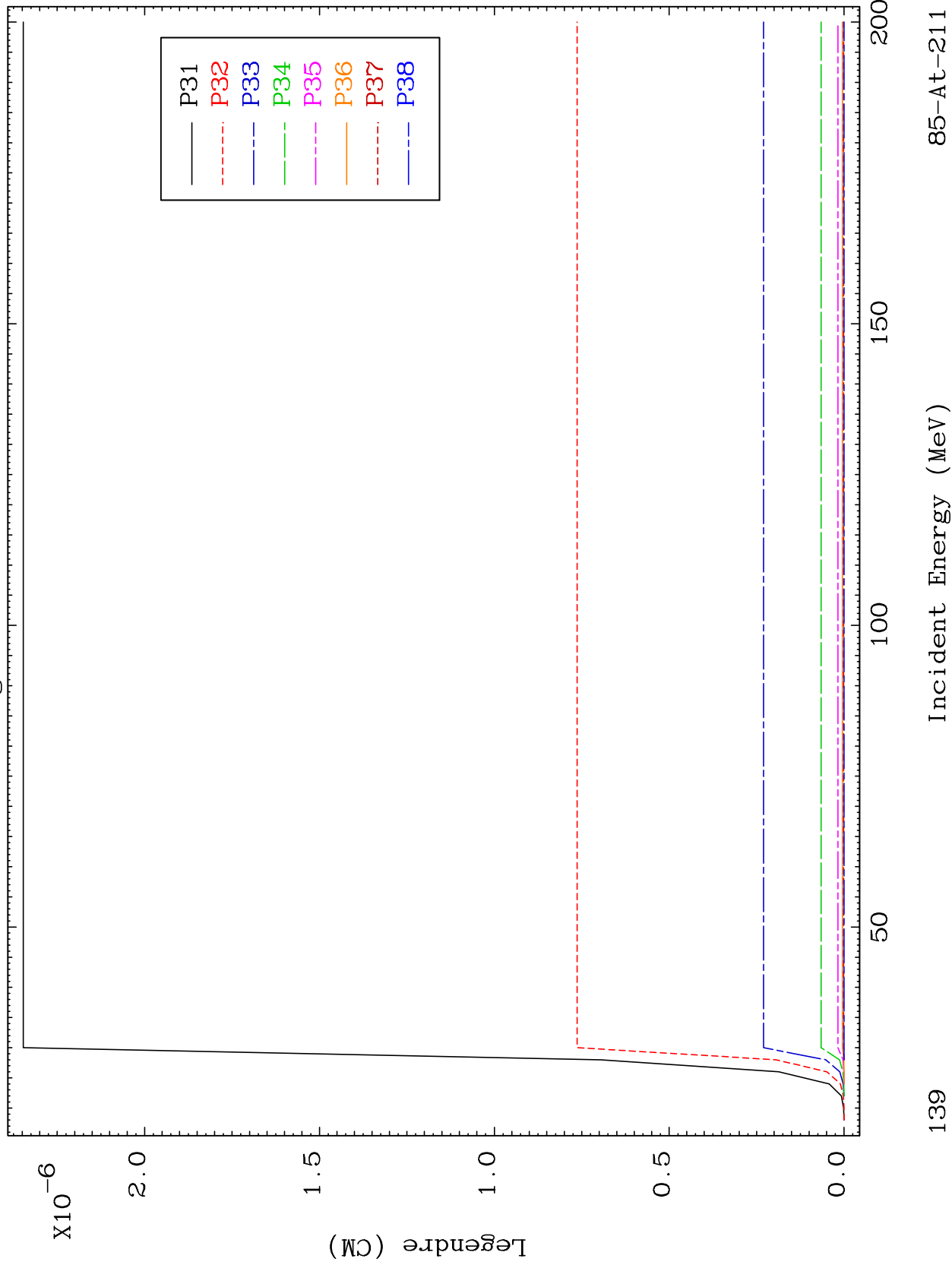
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



139

Incident Energy (MeV)

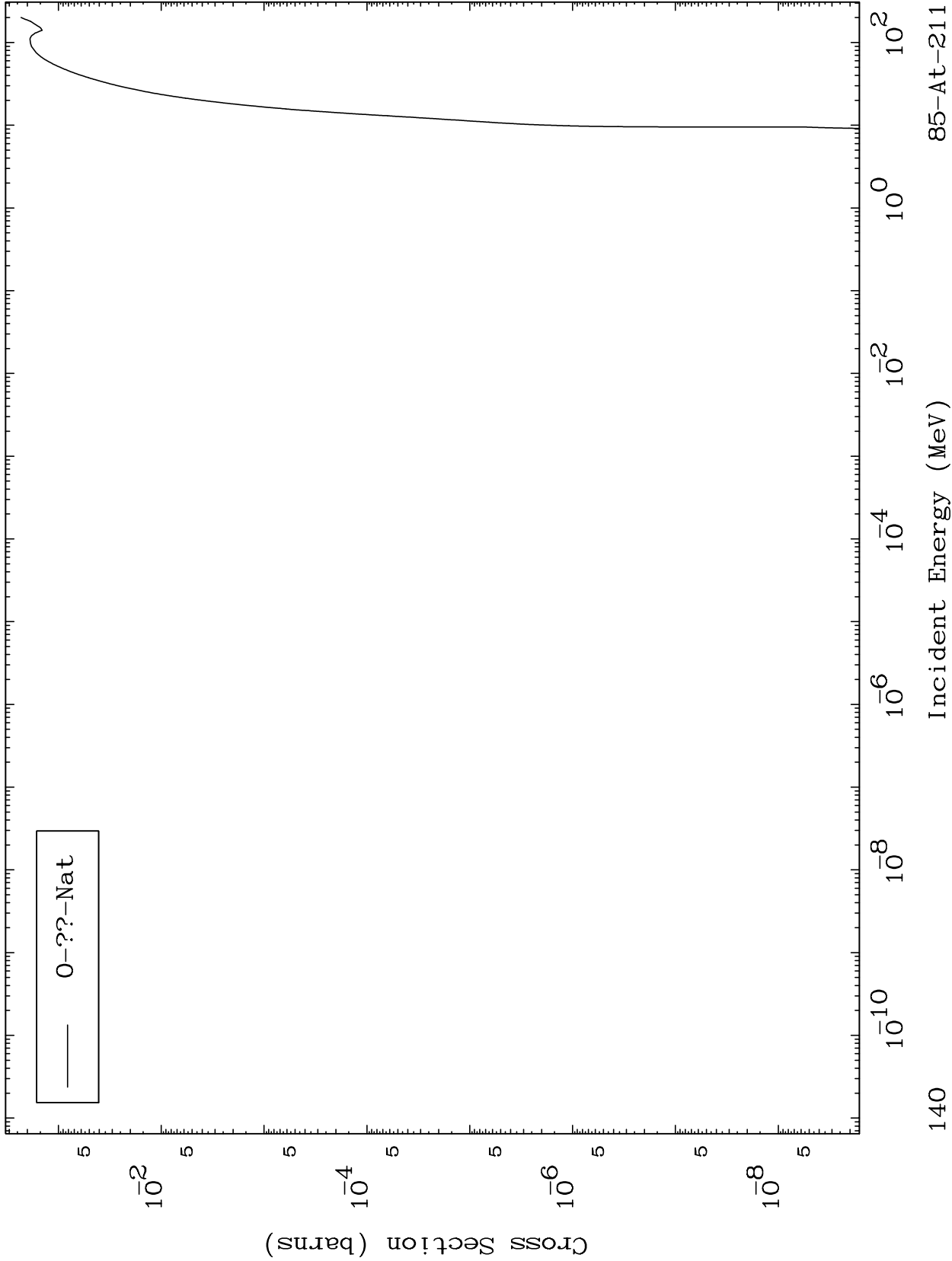
85-At-211

MAT 8549

Fission

85-At-211

Radionuclide Production Cross Section



140

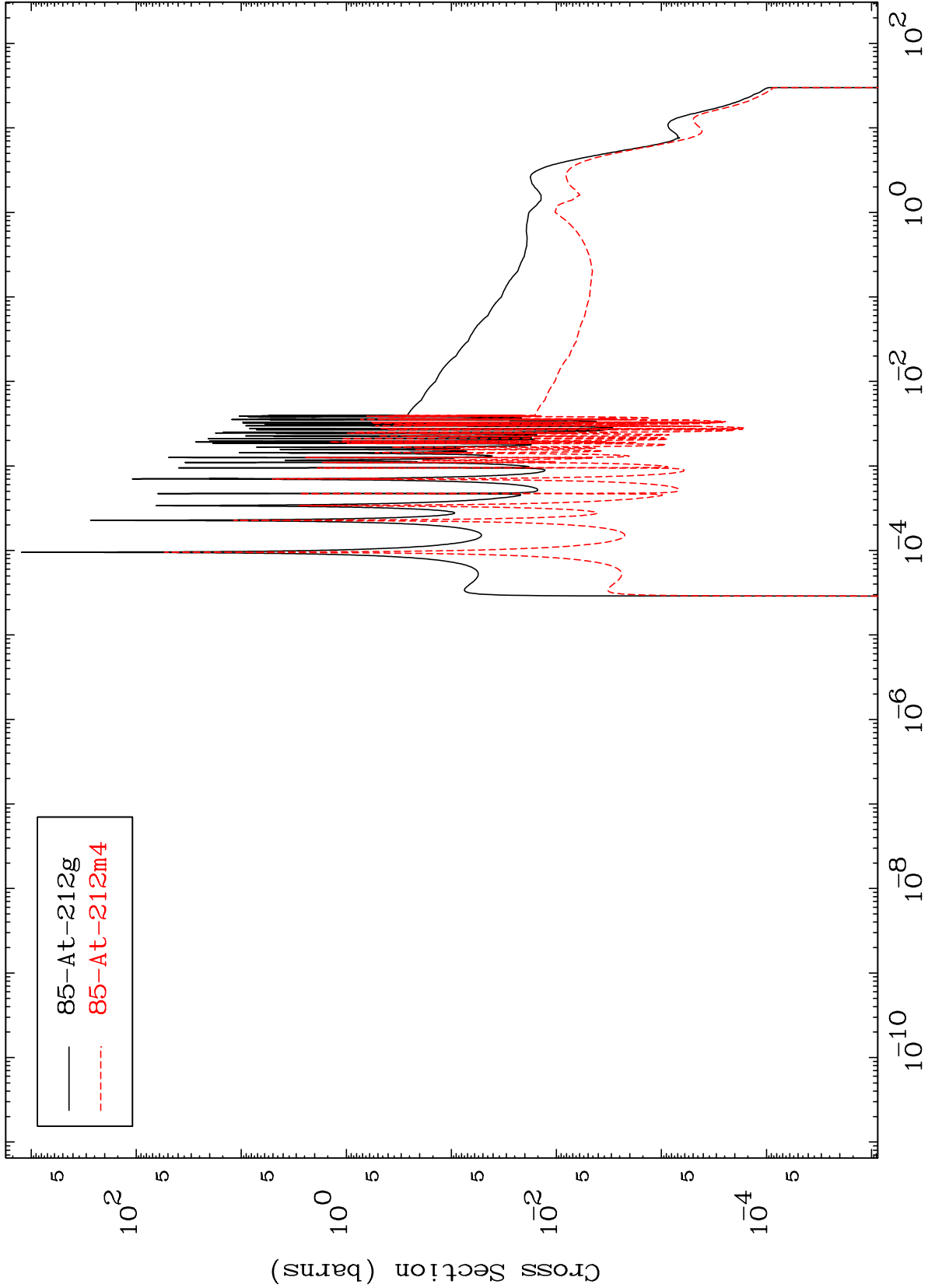
Incident Energy (MeV)

85-At-211

MAT 8549

85-At-211

(n,  $\gamma$ )  
Radionuclide Production Cross Section



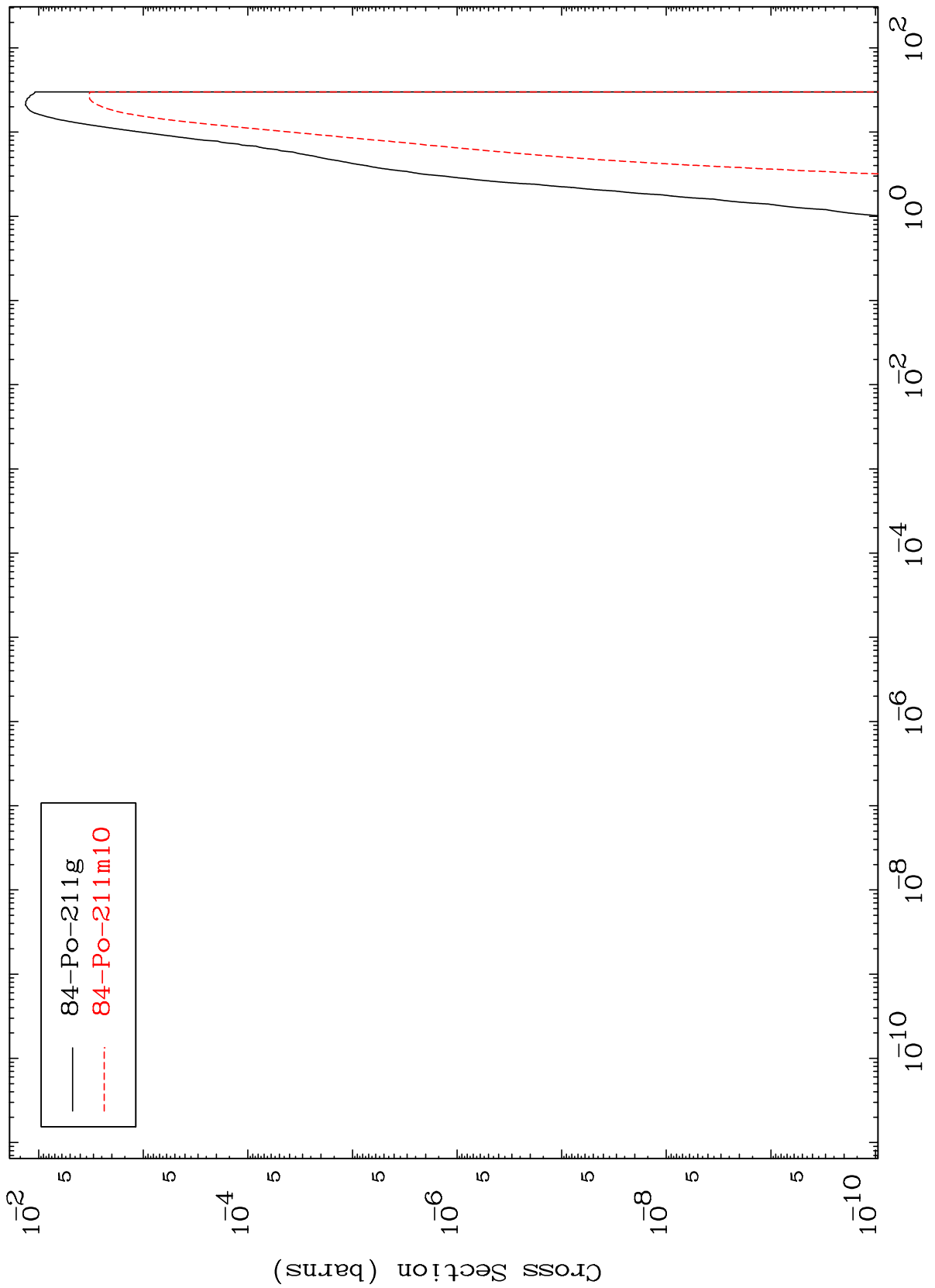
141

85-At-211

MAT 8549

85-At-211

(n,p)  
Radionuclide Production Cross Section



142

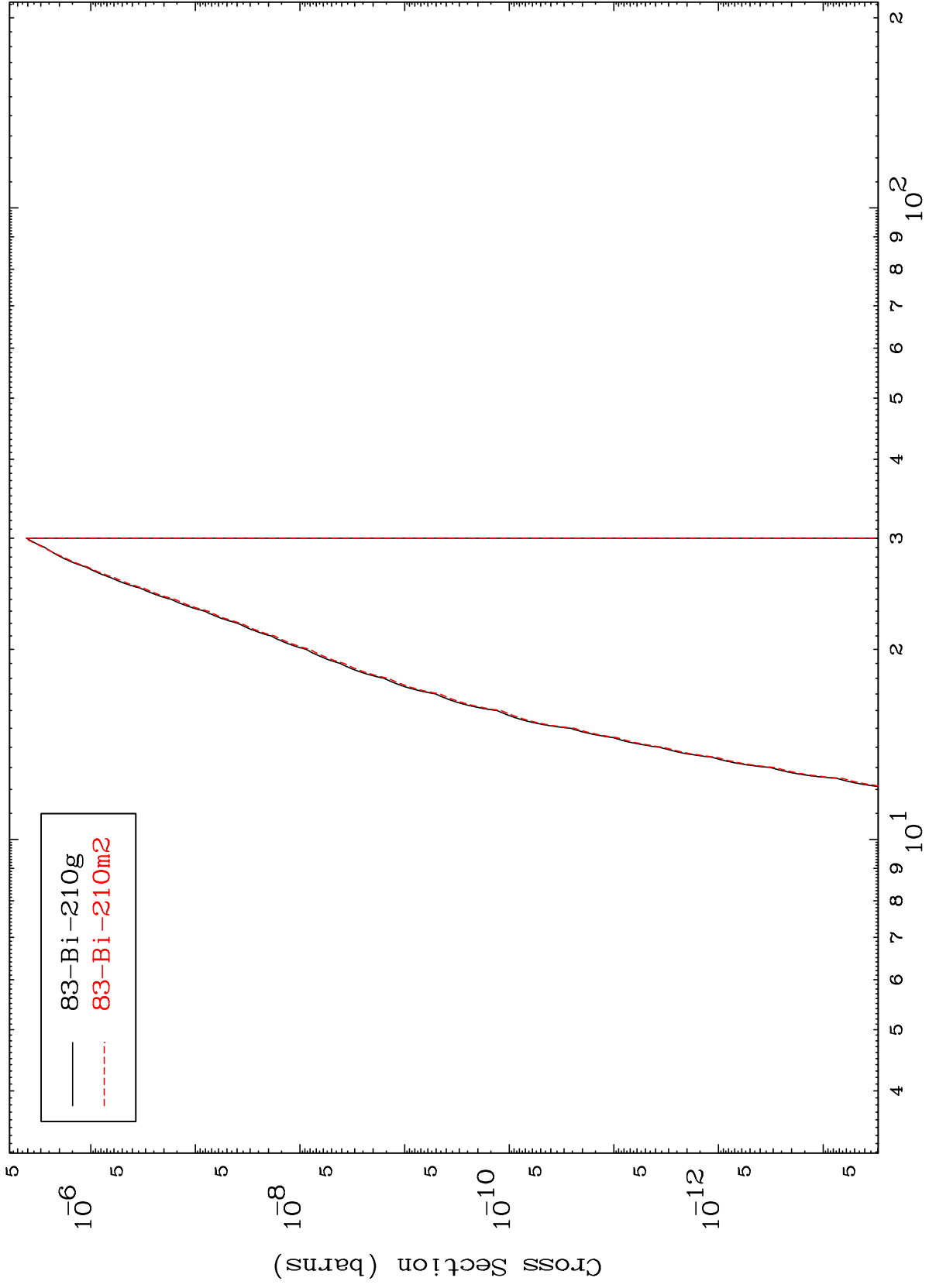
85-At-211

Incident Energy (MeV)

MAT 8549

85-At-211

(n,2p)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

85-At-211



MAT 8549

(n,p)  $\alpha$

85-At-211

Radionuclide Production Cross Section

