

Program EVALPLOT  
(Version 2018-1)

by

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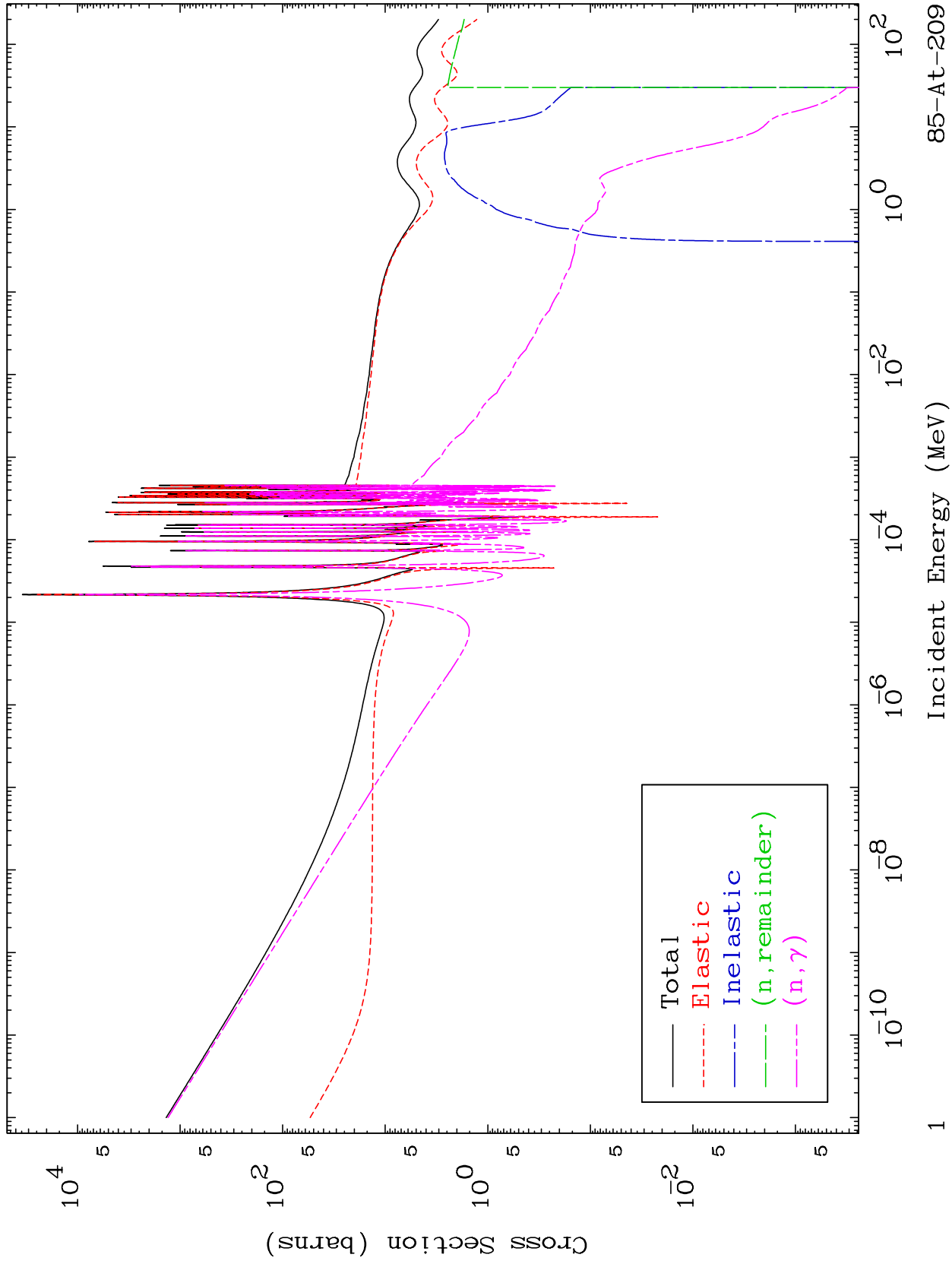
Press Mouse Button to Start

MAT 8543

Major

293 Kelvin Cross Sections

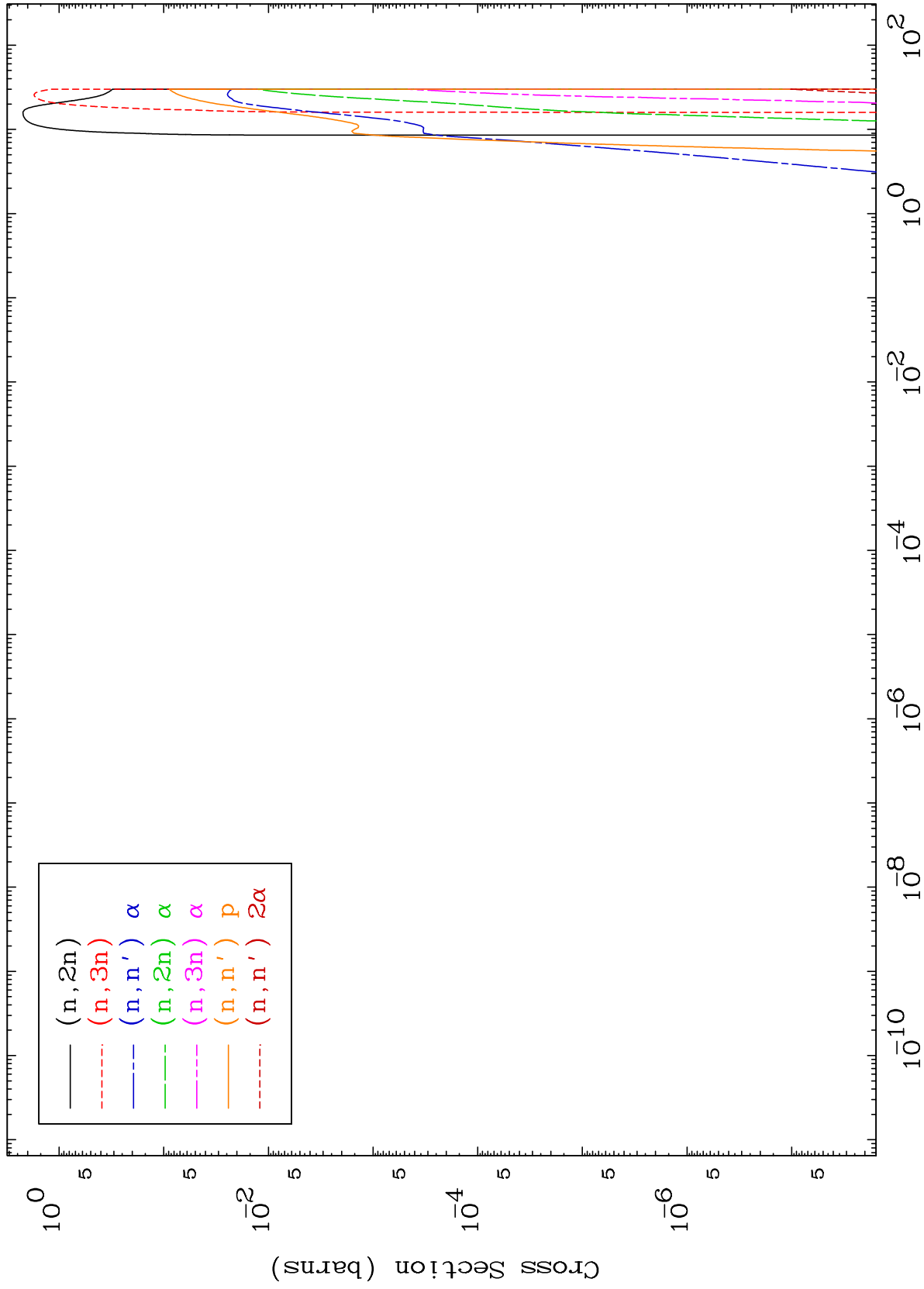
85-At-209



MAT 8543

Neutron Production  
293 Kelvin Cross Sections

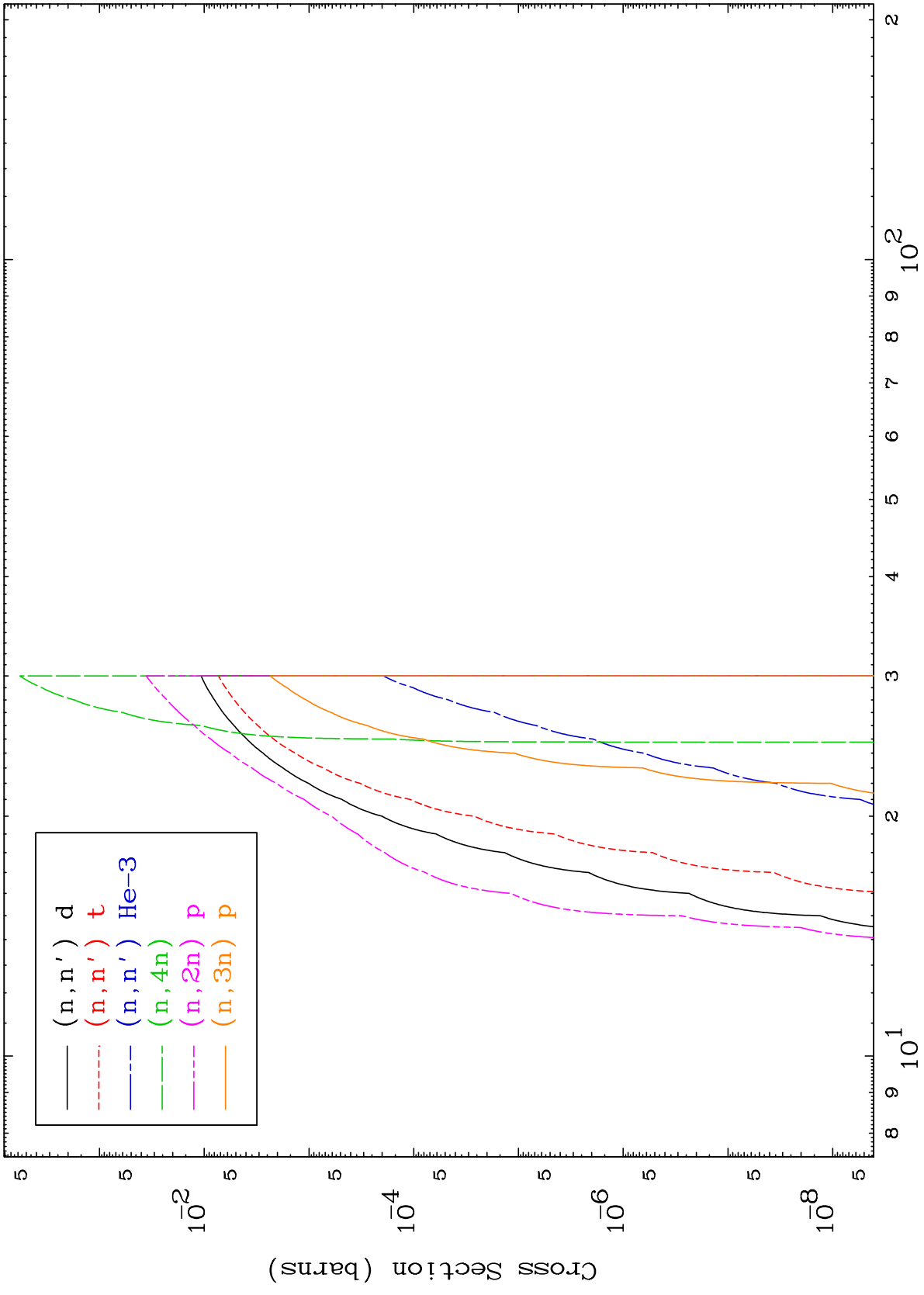
85-At-209



2

Incident Energy (MeV)

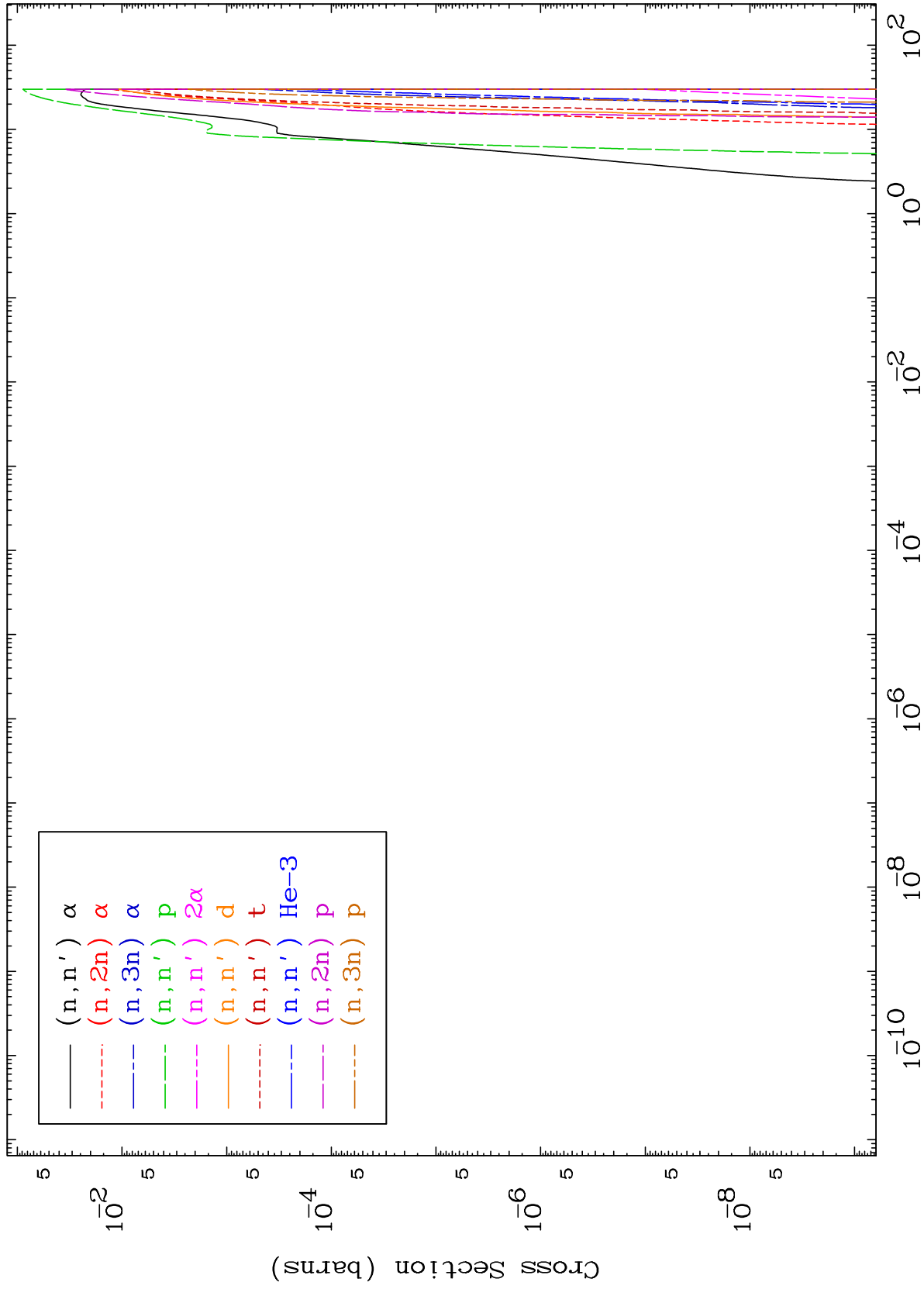
85-At-209



MAT 8543

293 Kelvin Cross Sections

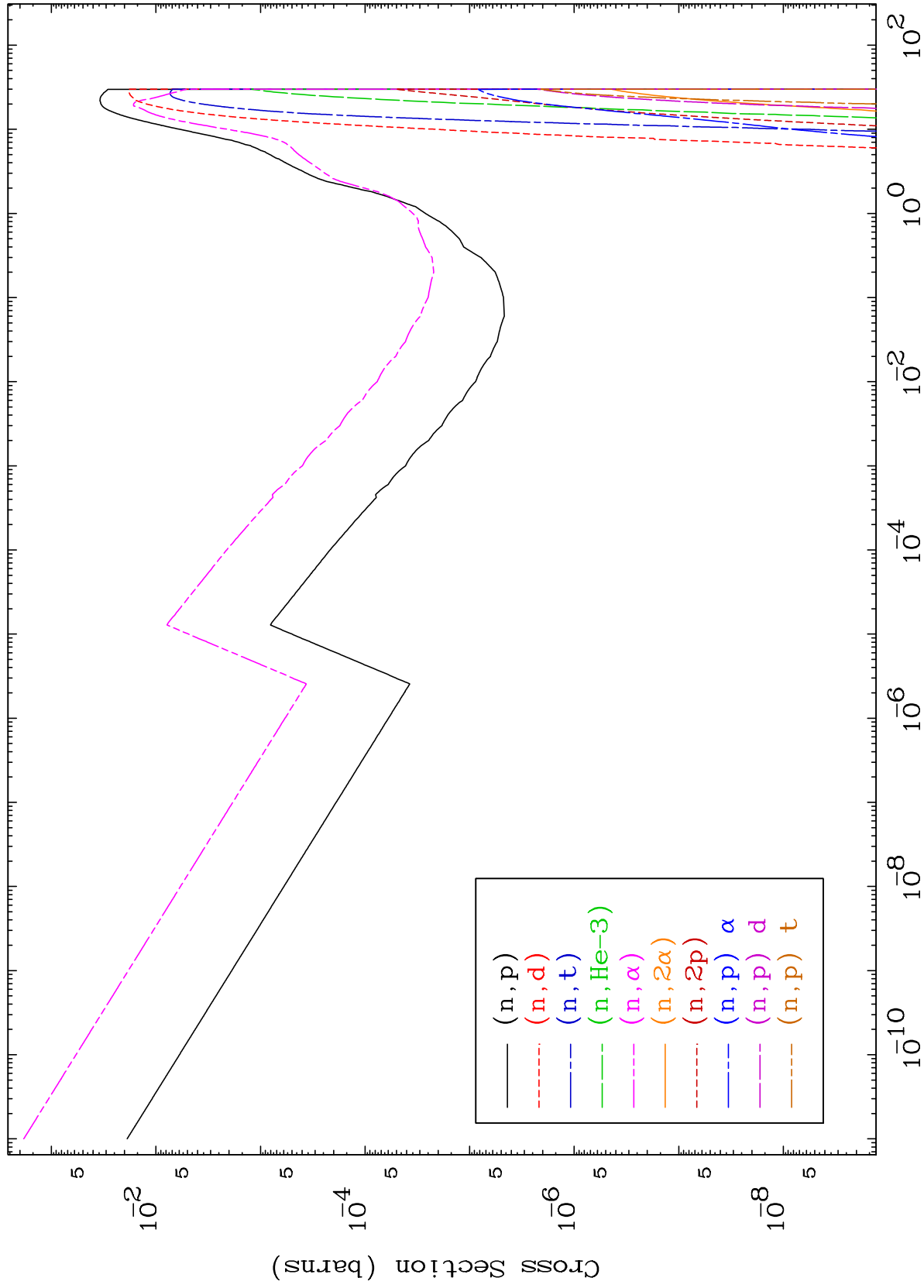
85-At-209



MAT 8543

293 Kelvin Cross Sections

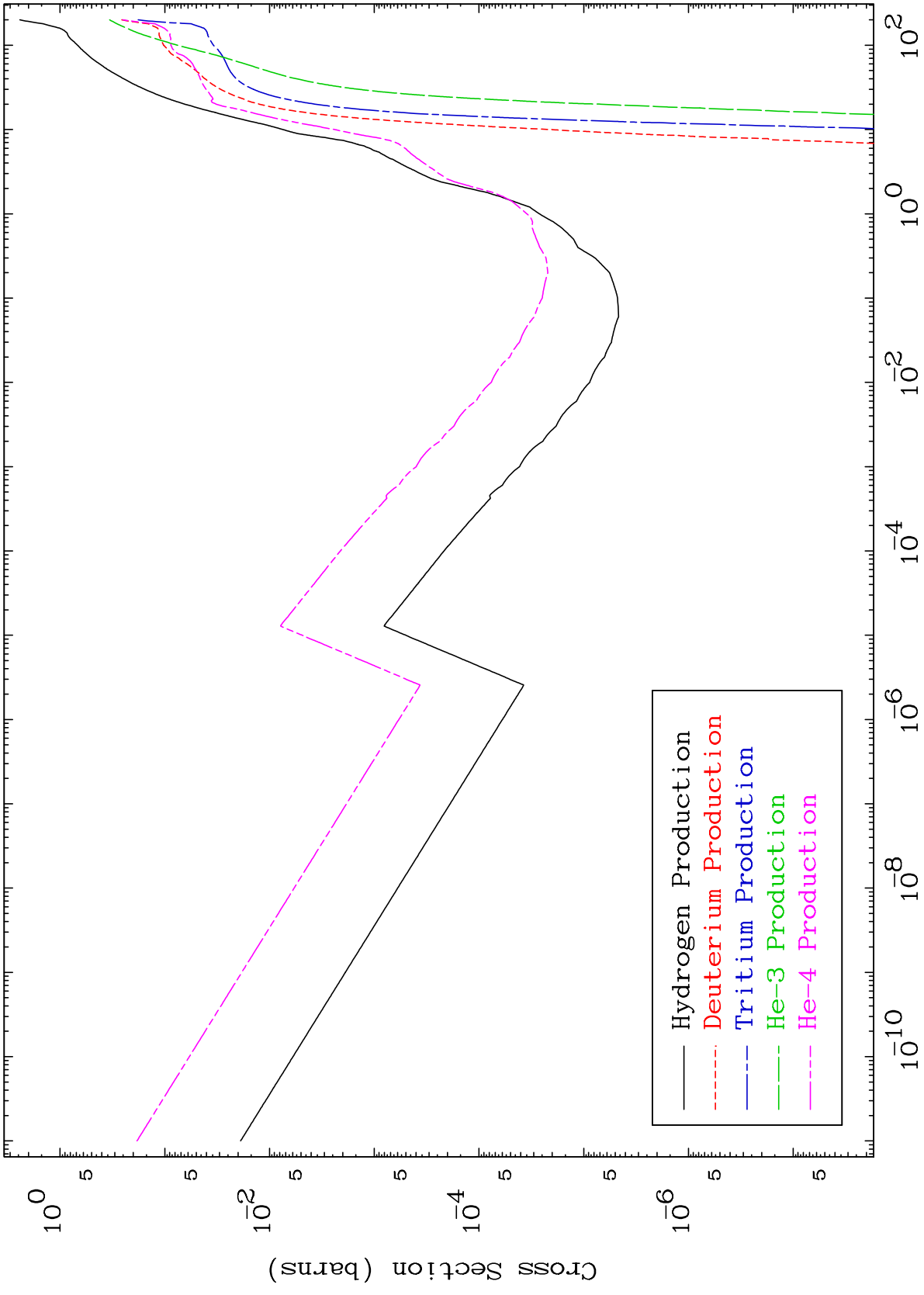
85-At-209



MAT 8543

Particle Production  
293 Kelvin Cross Sections

85-At-209



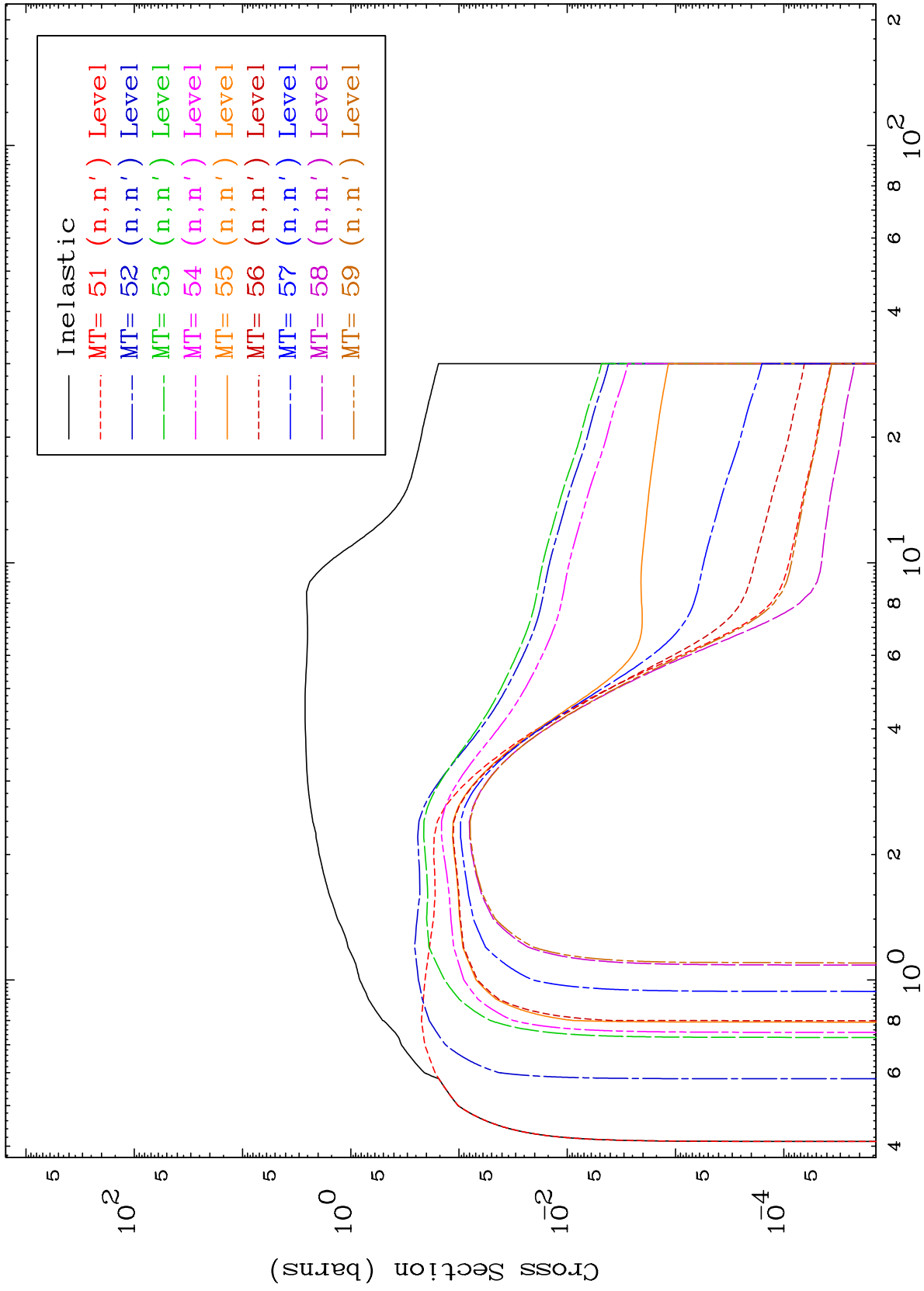
85-At-209

MAT 8543

(n,n') Level

85-At-209

293 Kelvin Cross Sections



7

85-At-209

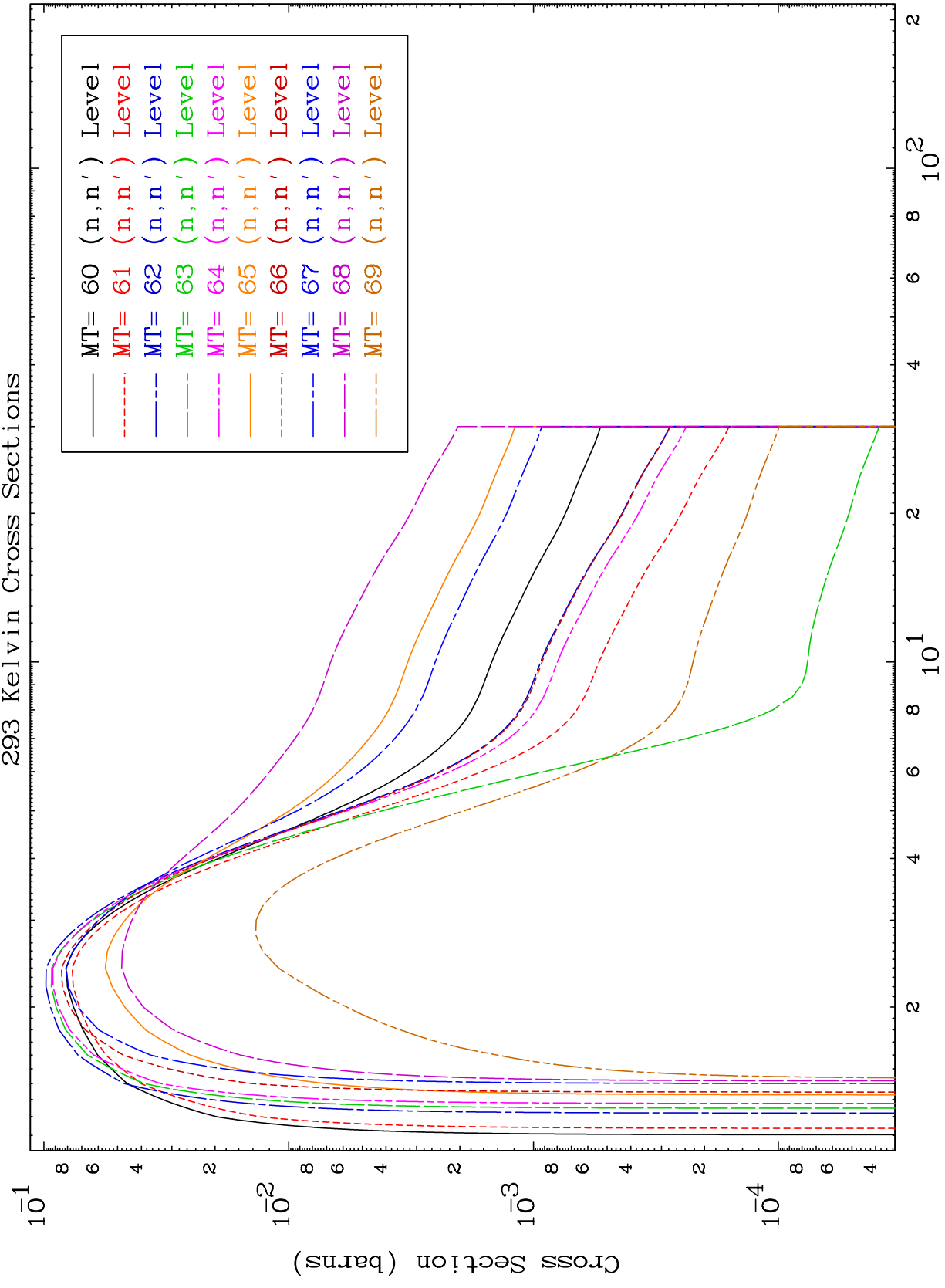


MAT 8543

(n,n') Level

85-At-209

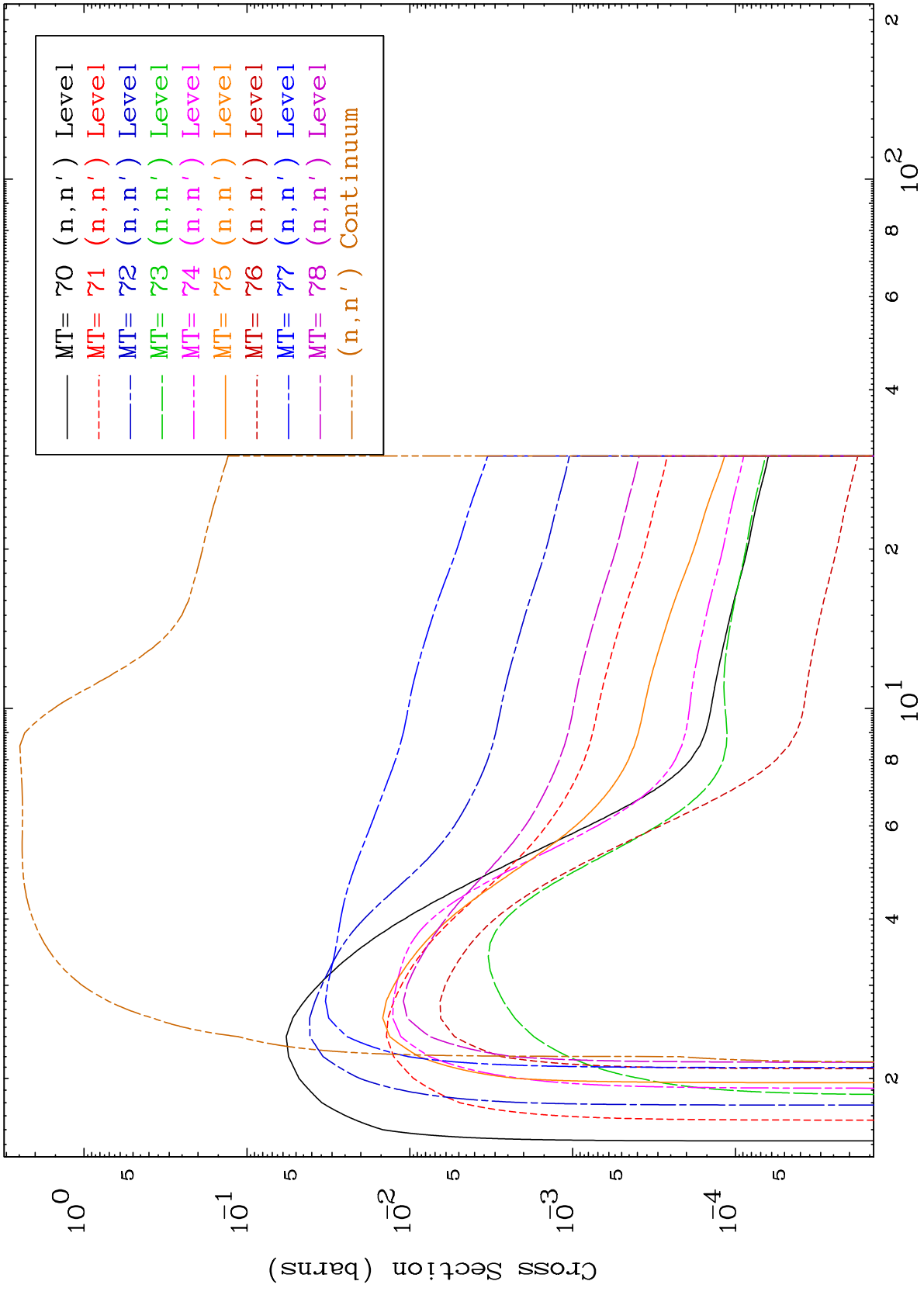
293 Kelvin Cross Sections



8

Incident Energy (MeV)

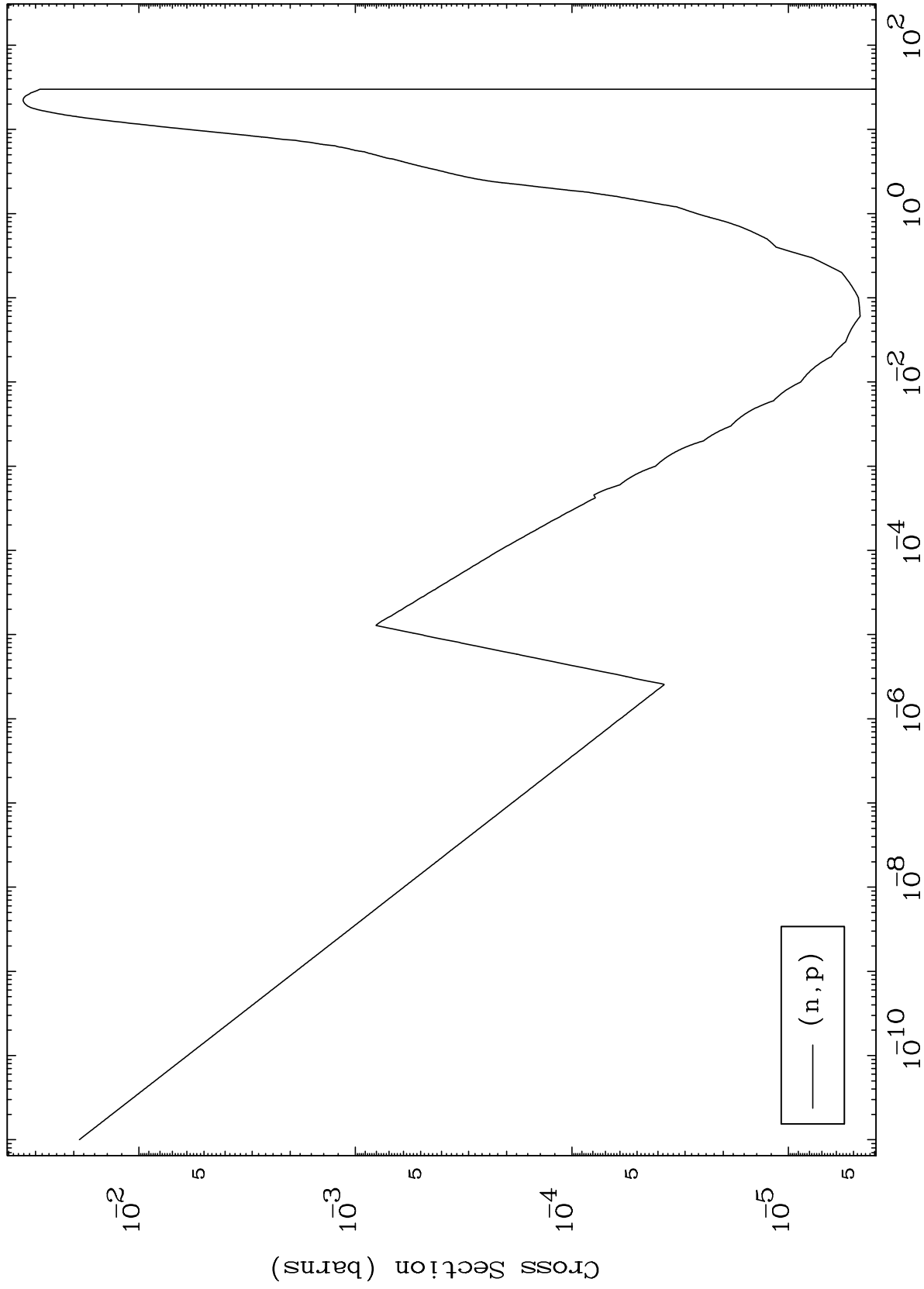
85-At-209



MAT 8543

(n,p) Levels  
293 Kelvin Cross Sections

85-At-209



10

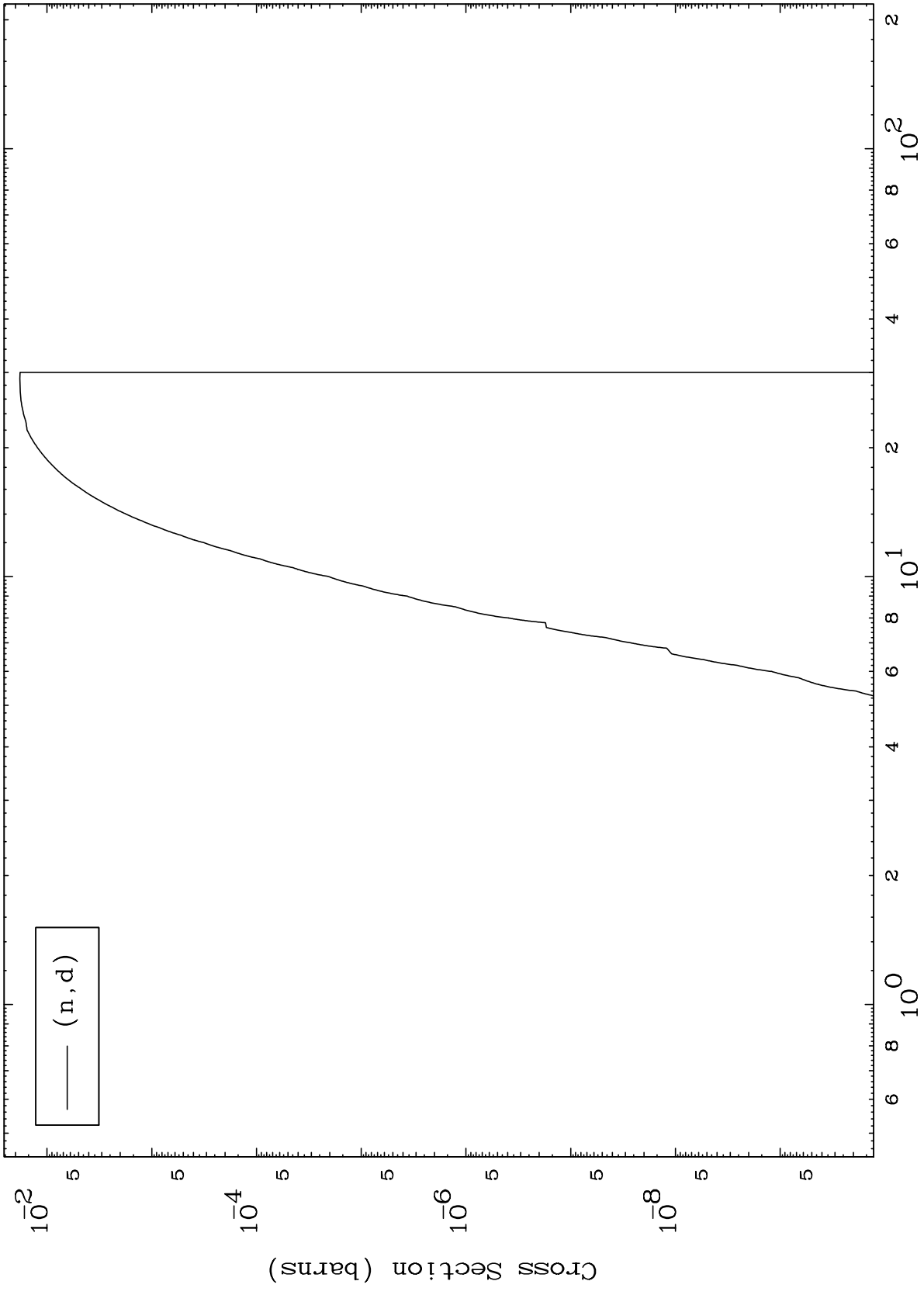
Incident Energy (MeV)

85-At-209

MAT 8543

(n,d) Levels  
293 Kelvin Cross Sections

85-At-209



11

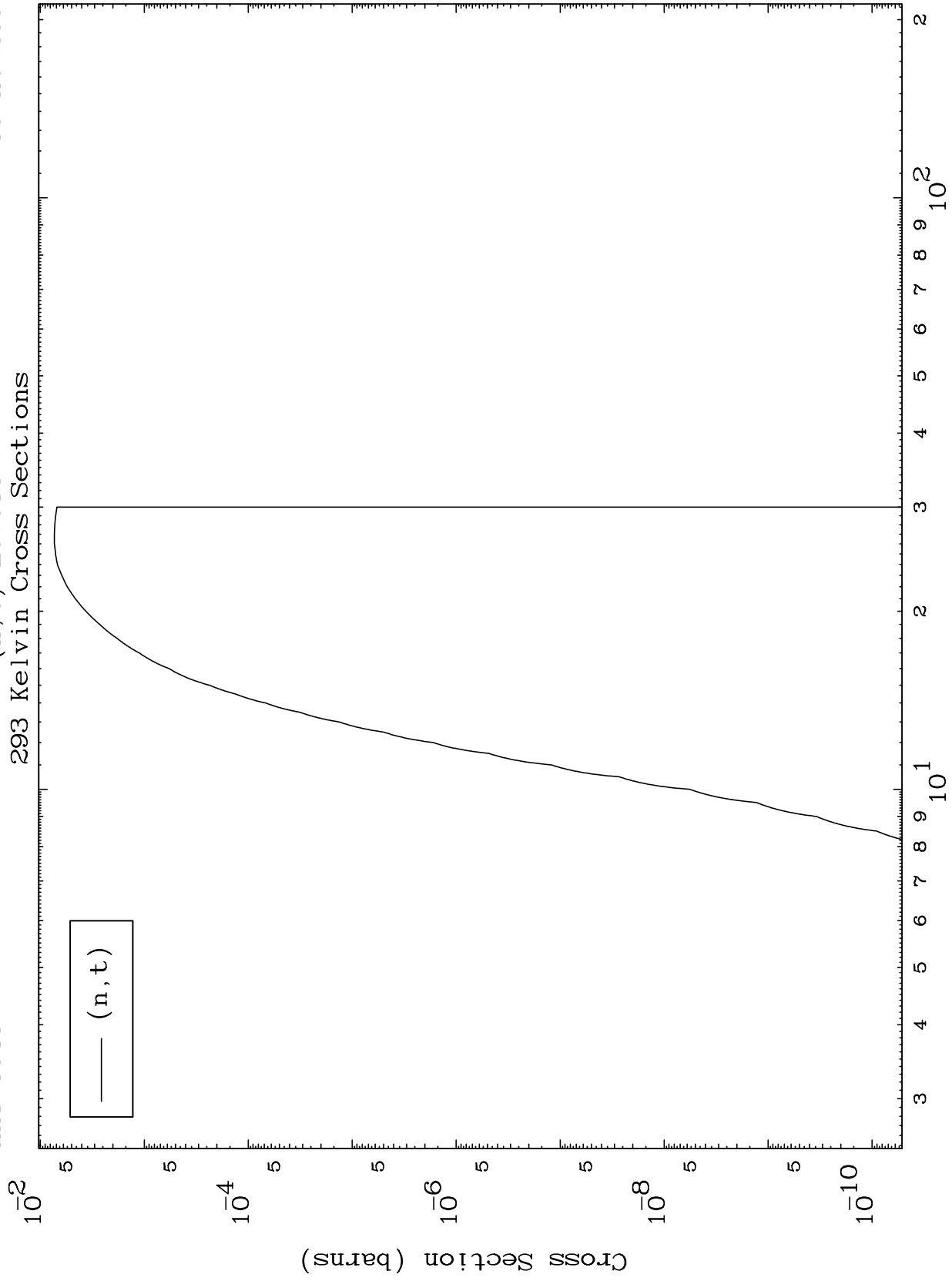
Incident Energy (MeV)

85-At-209

MAT 8543

85-At-209

(n,t) Levels  
293 Kelvin Cross Sections



(n,t)

12

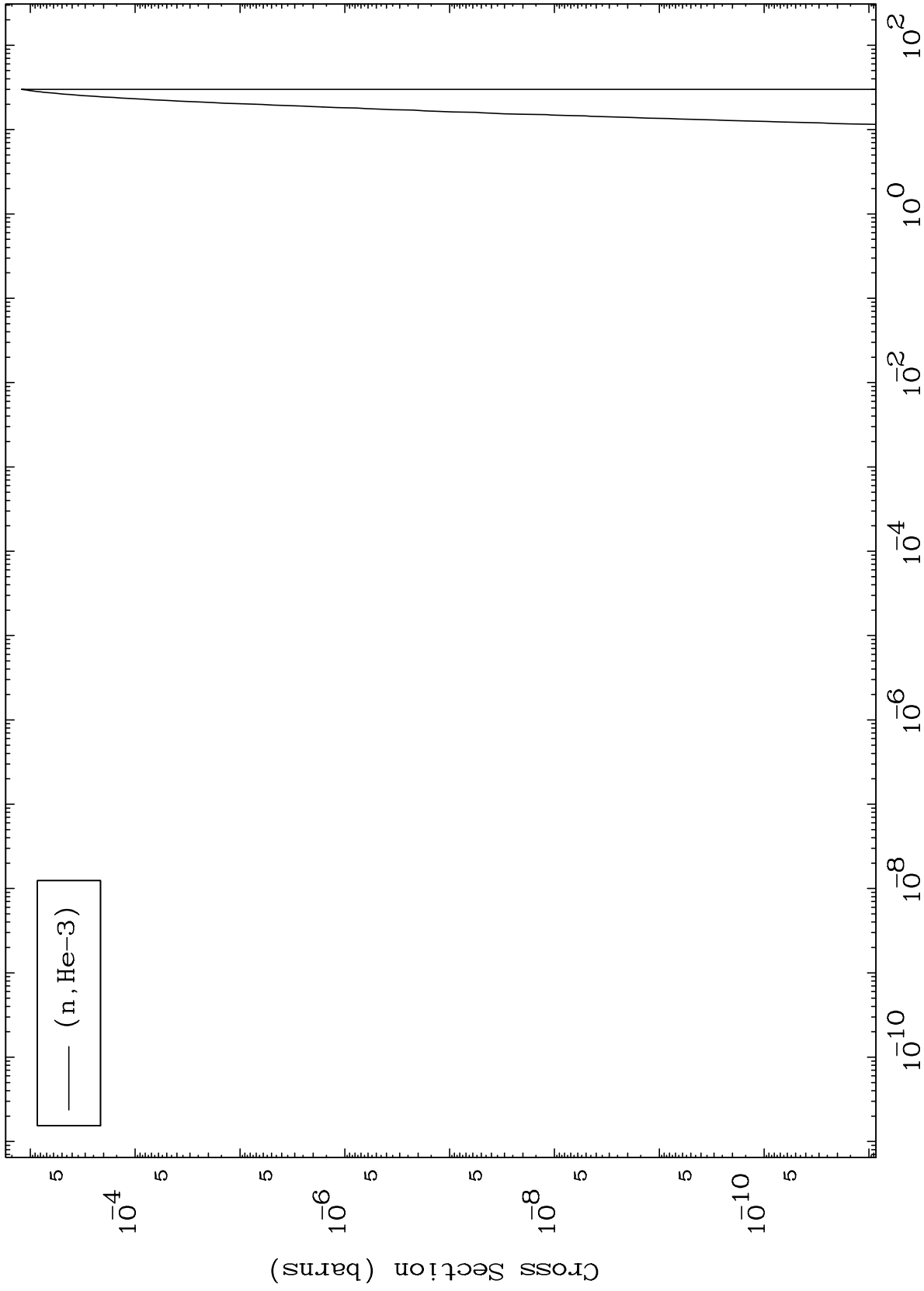
Incident Energy (MeV)

85-At-209

MAT 8543

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-209



13

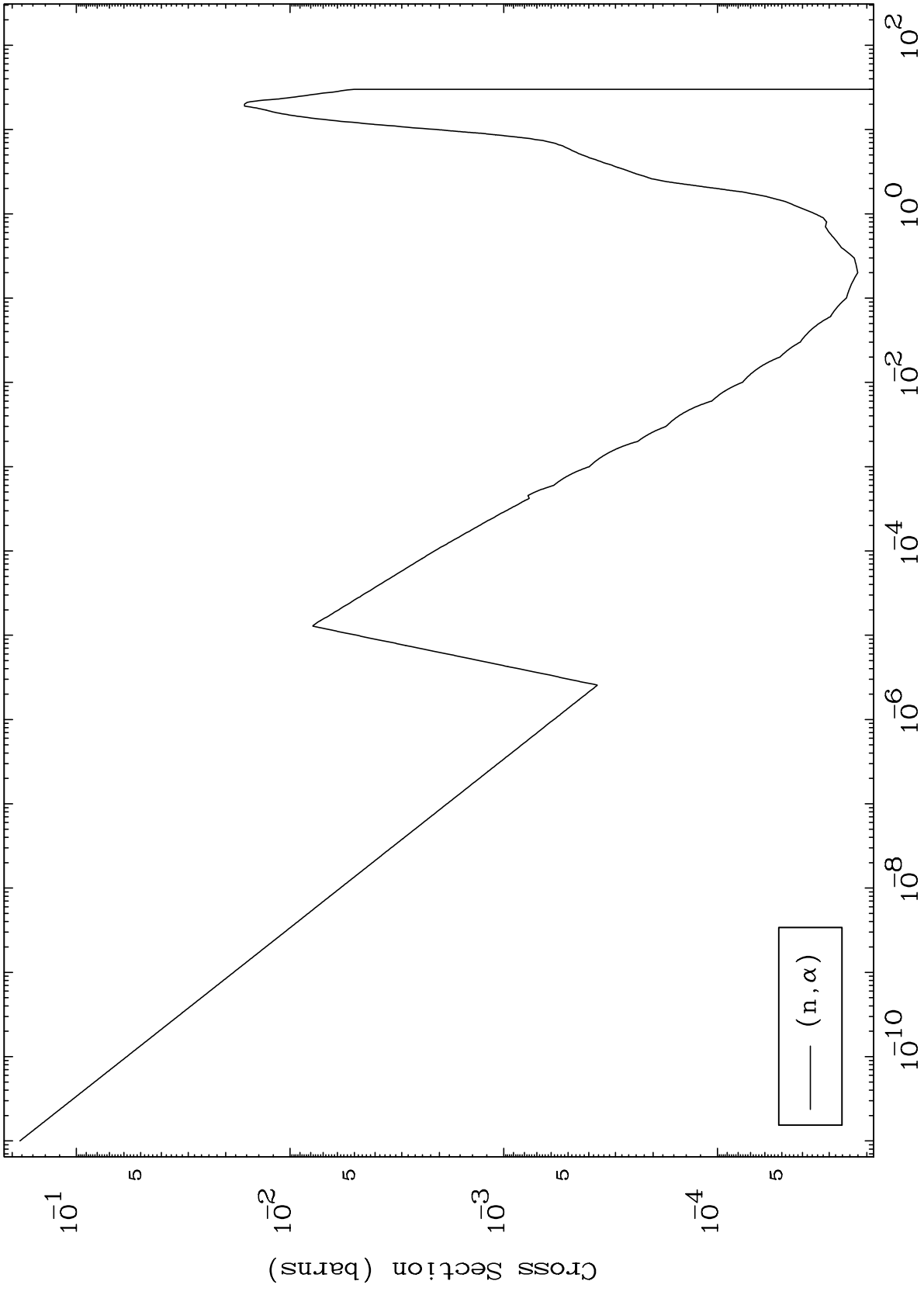
Incident Energy (MeV)

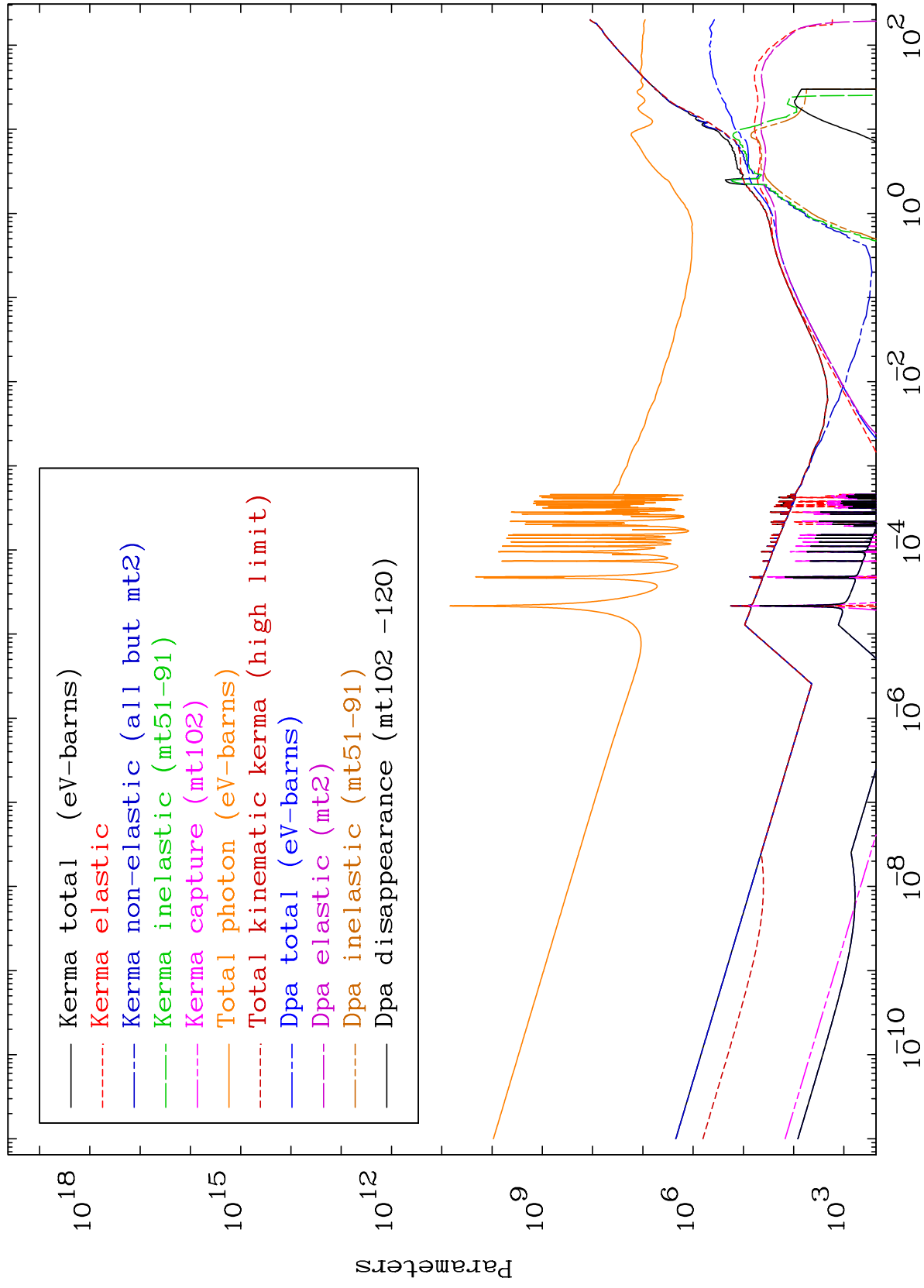
85-At-209

MAT 8543

(n,α) Levels  
293 Kelvin Cross Sections

85-At-209



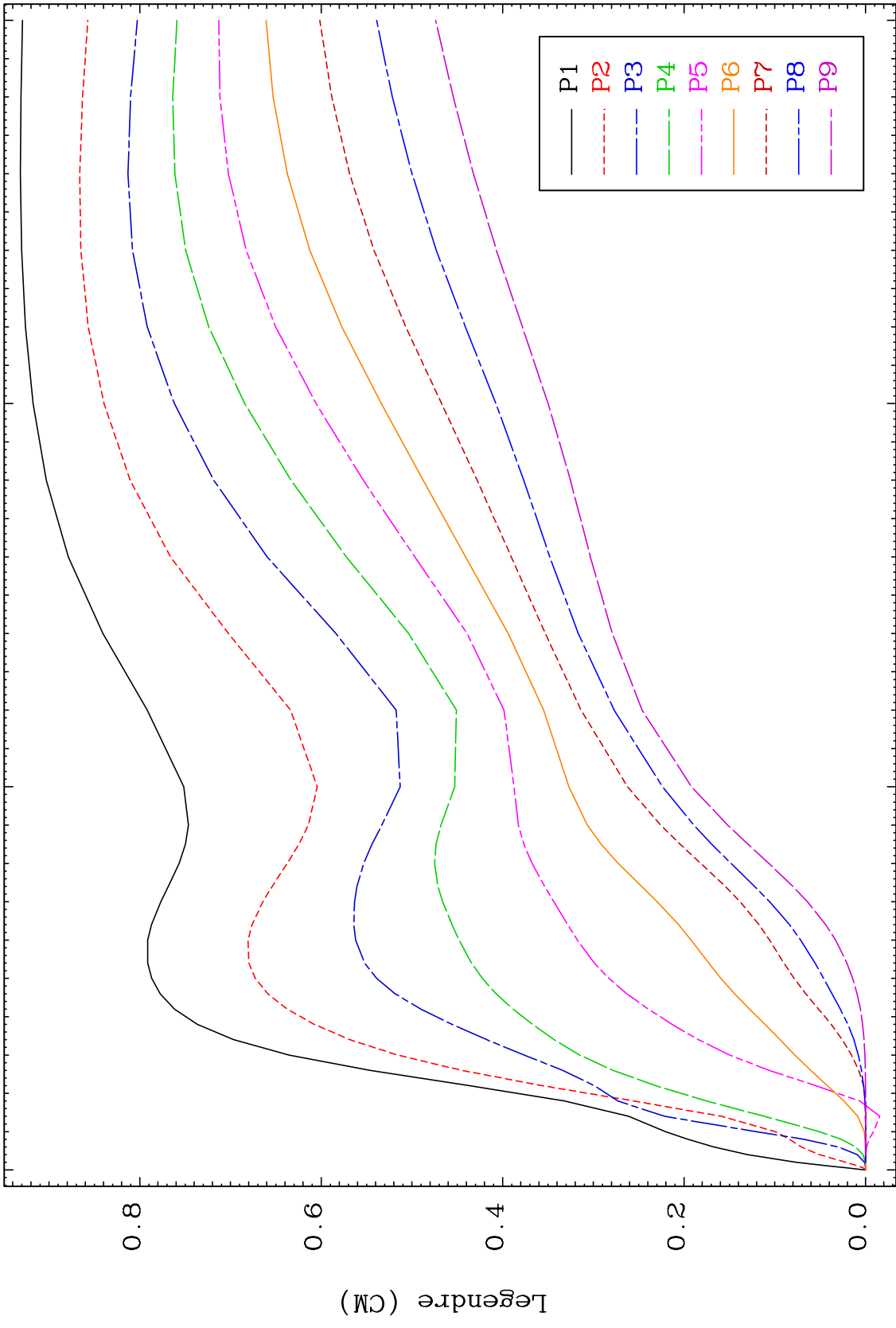




MAT 8543

Elastic Legendre Coefficients

85-At-209



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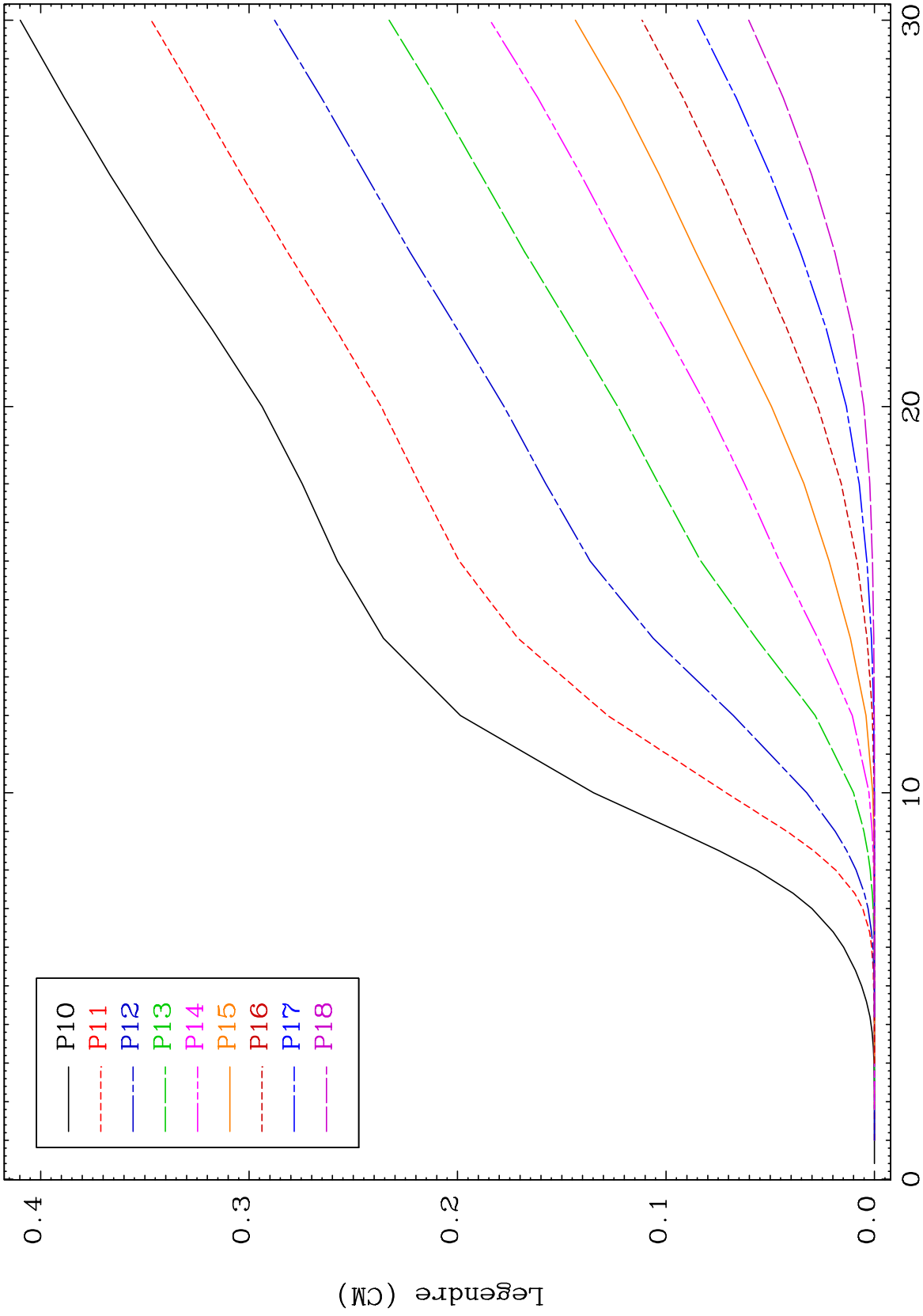
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



17

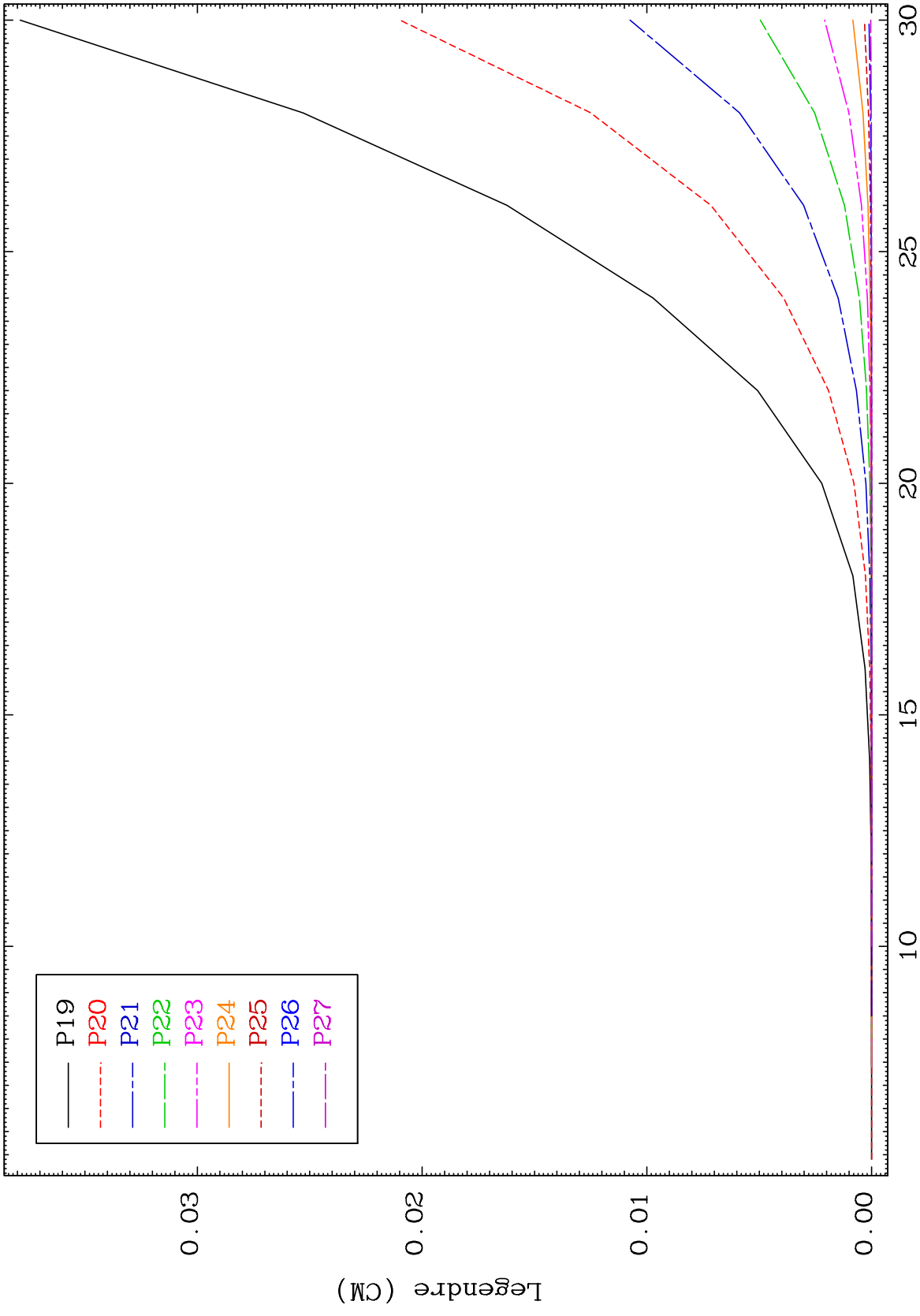
Incident Energy (MeV)

85-At-209

MAT 8543

### Elastic Legendre Coefficients

85-At-209



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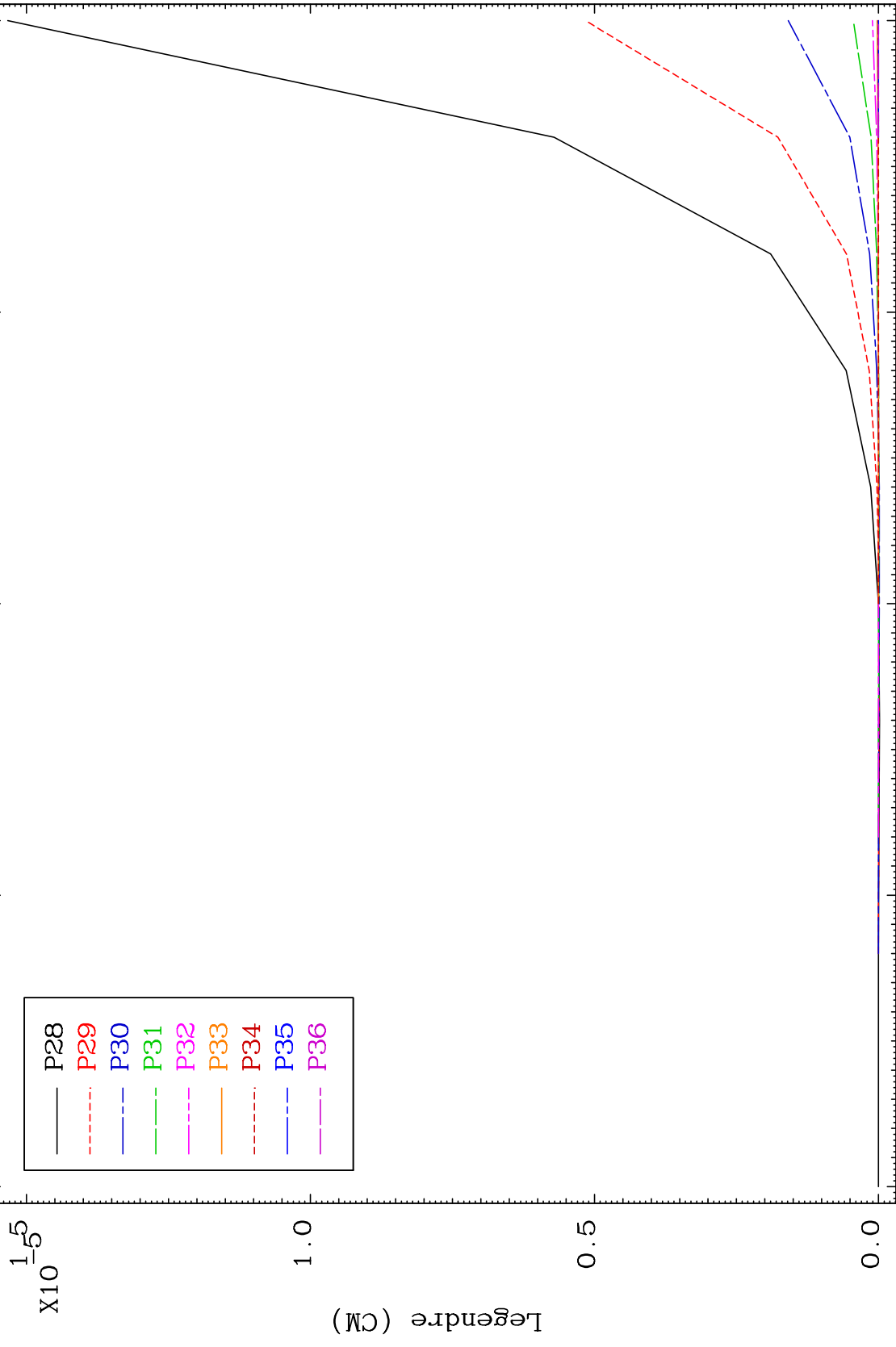
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



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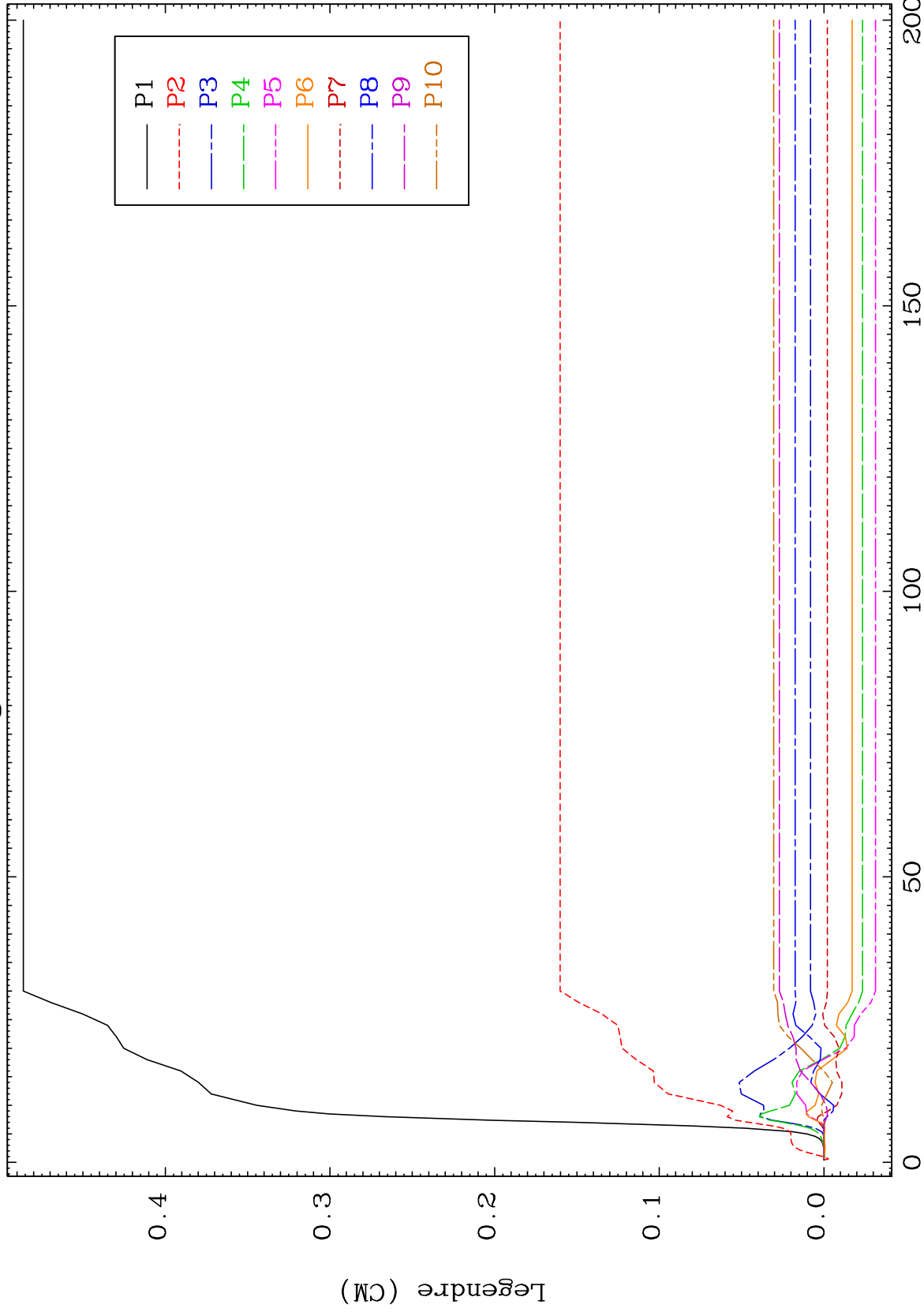
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

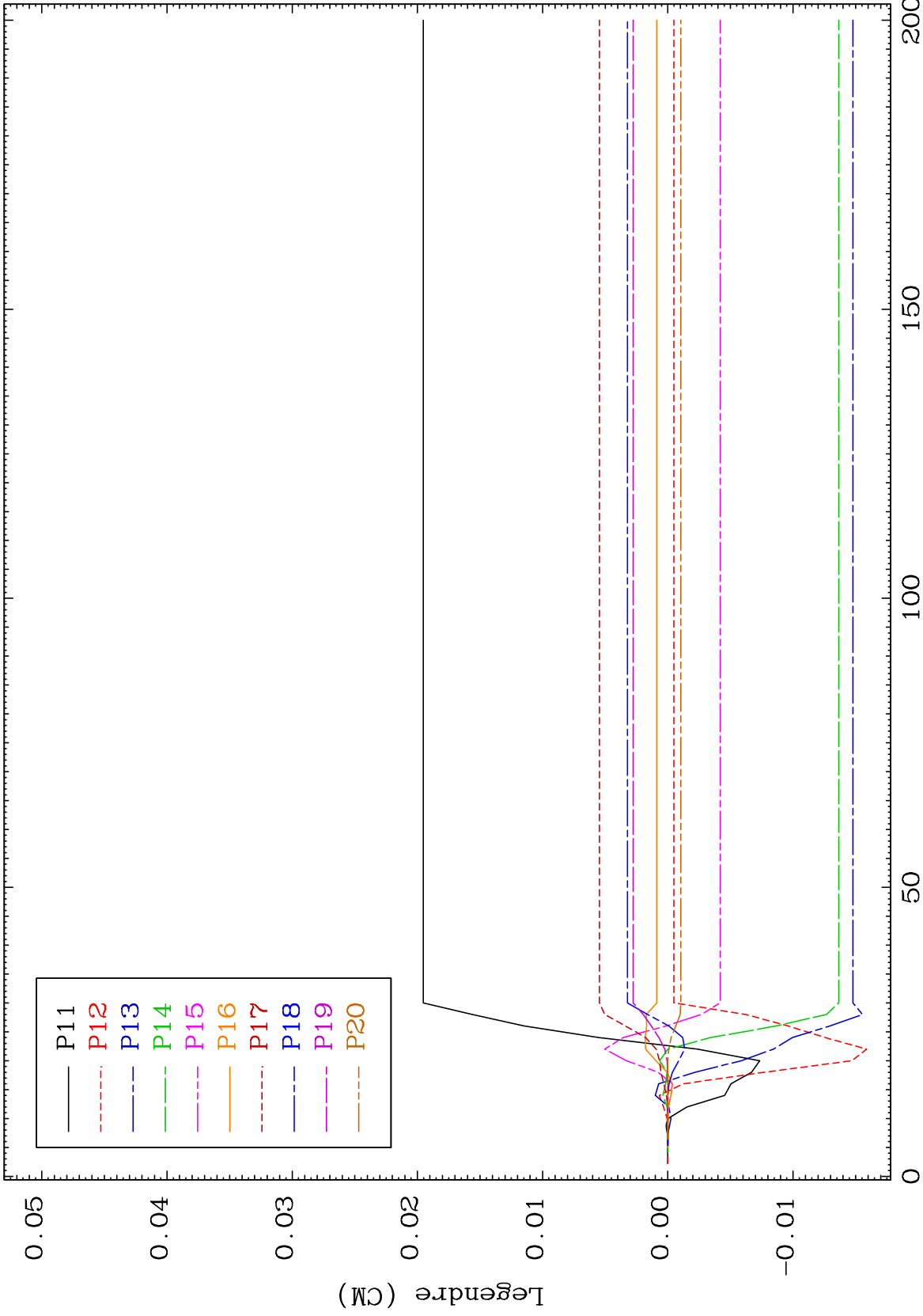
Incident Energy (MeV)

Legendre (CM)

MAT 8543

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

85-At-209



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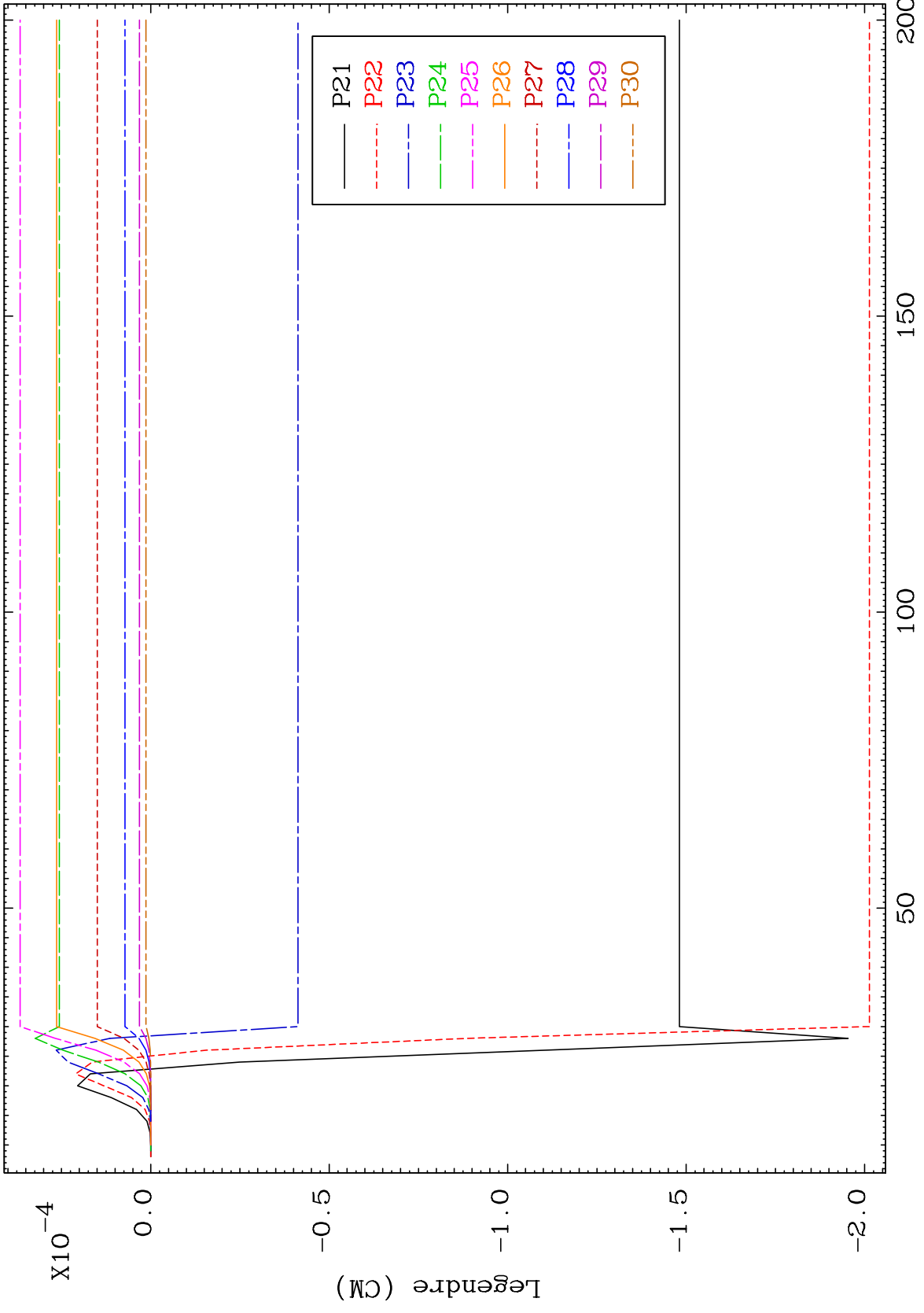
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



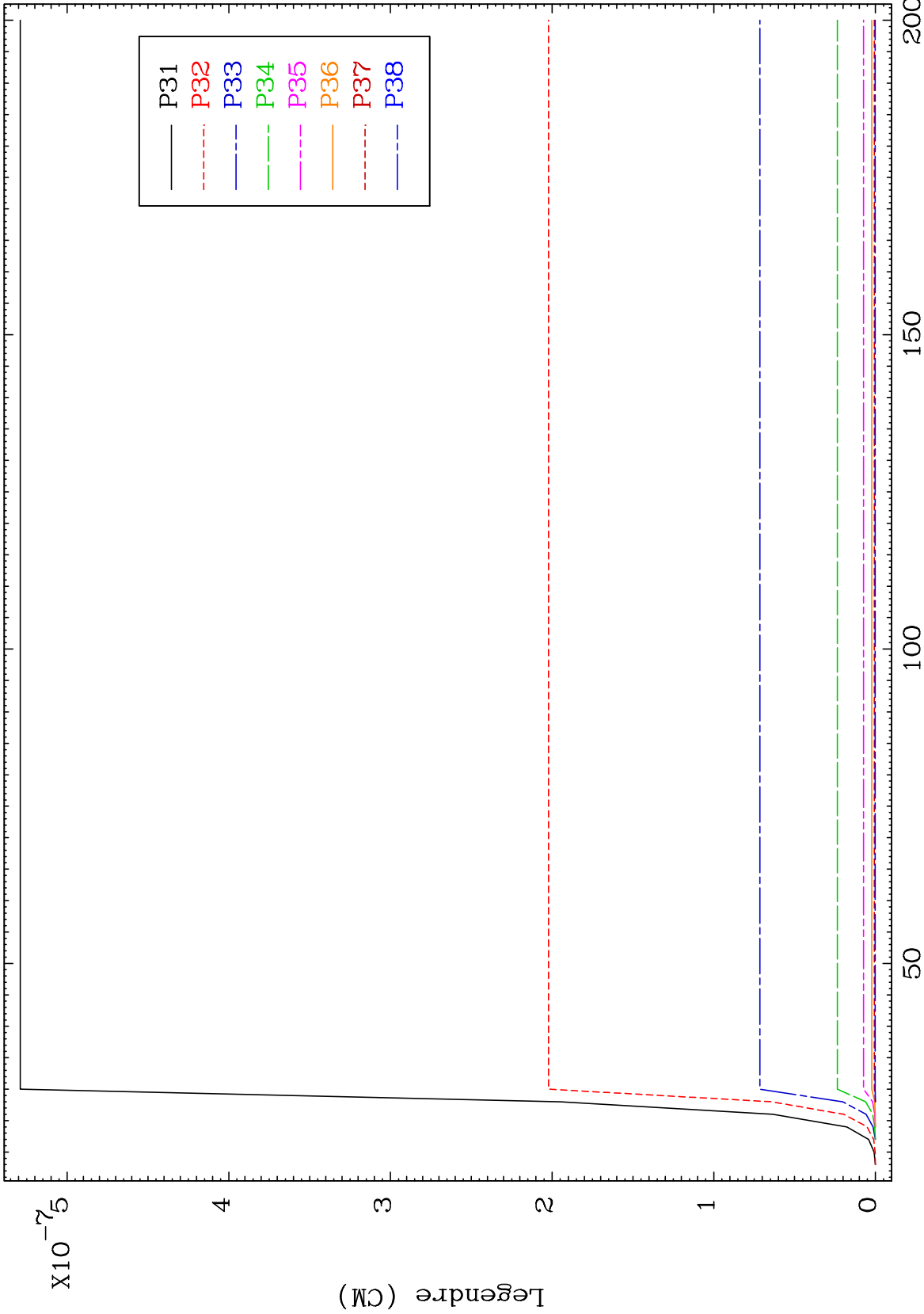
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85-At-209

MAT 8543

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

85-At-209



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Incident Energy (MeV)

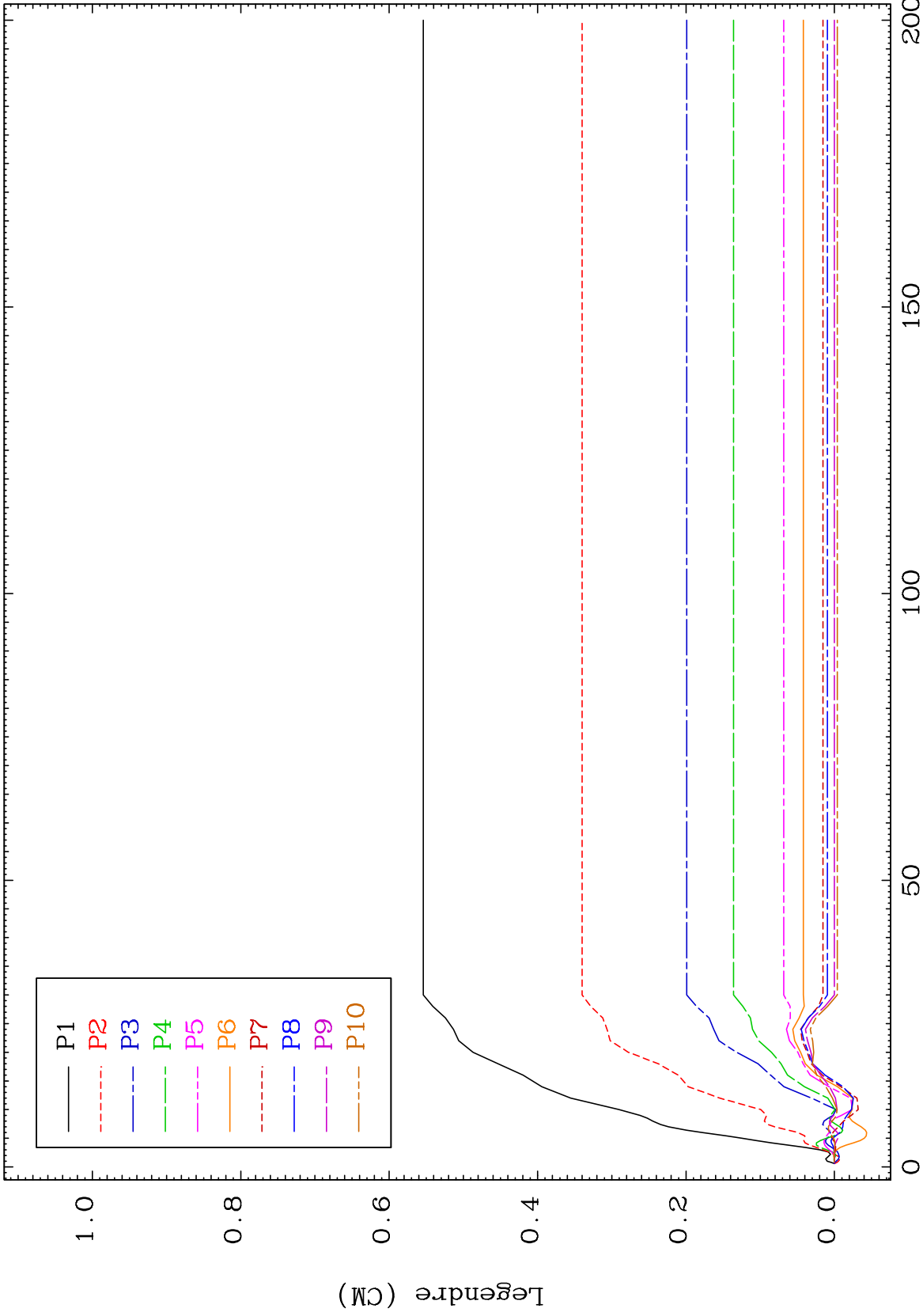
85-At-209



MAT 8543

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

85-At-209



24

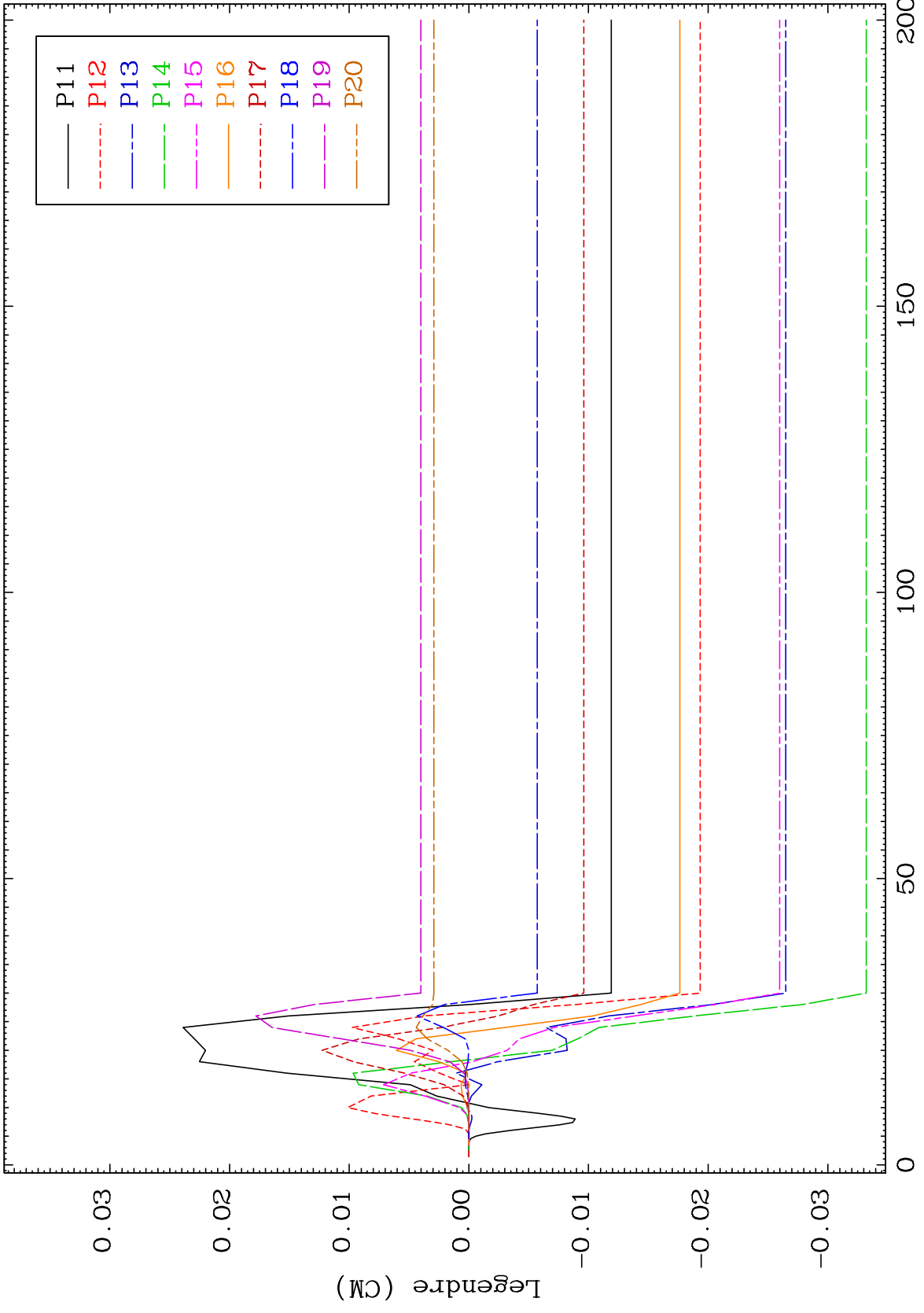
Incident Energy (MeV)

85-At-209

MAT 8543

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

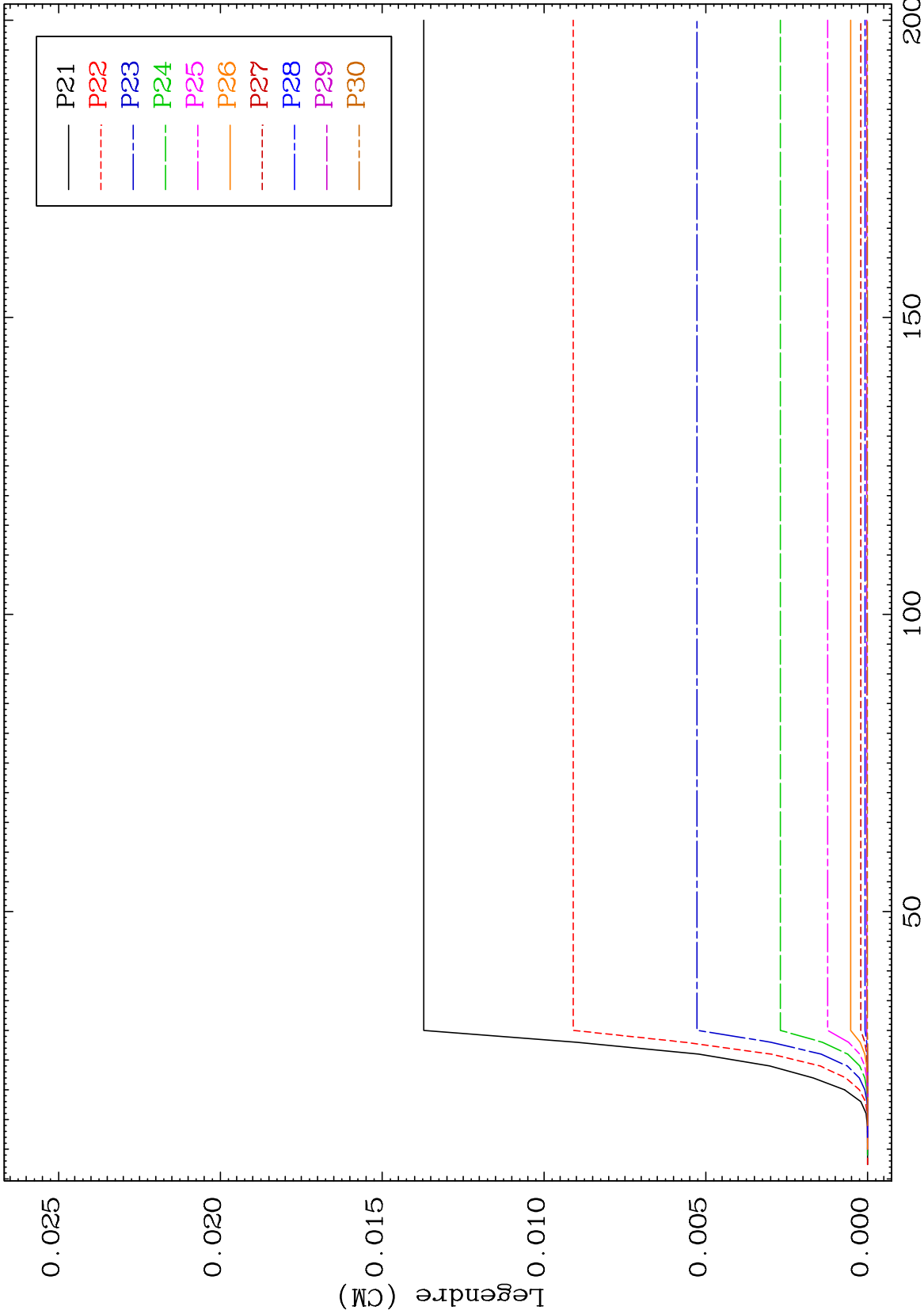
85-At-209



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Incident Energy (MeV)

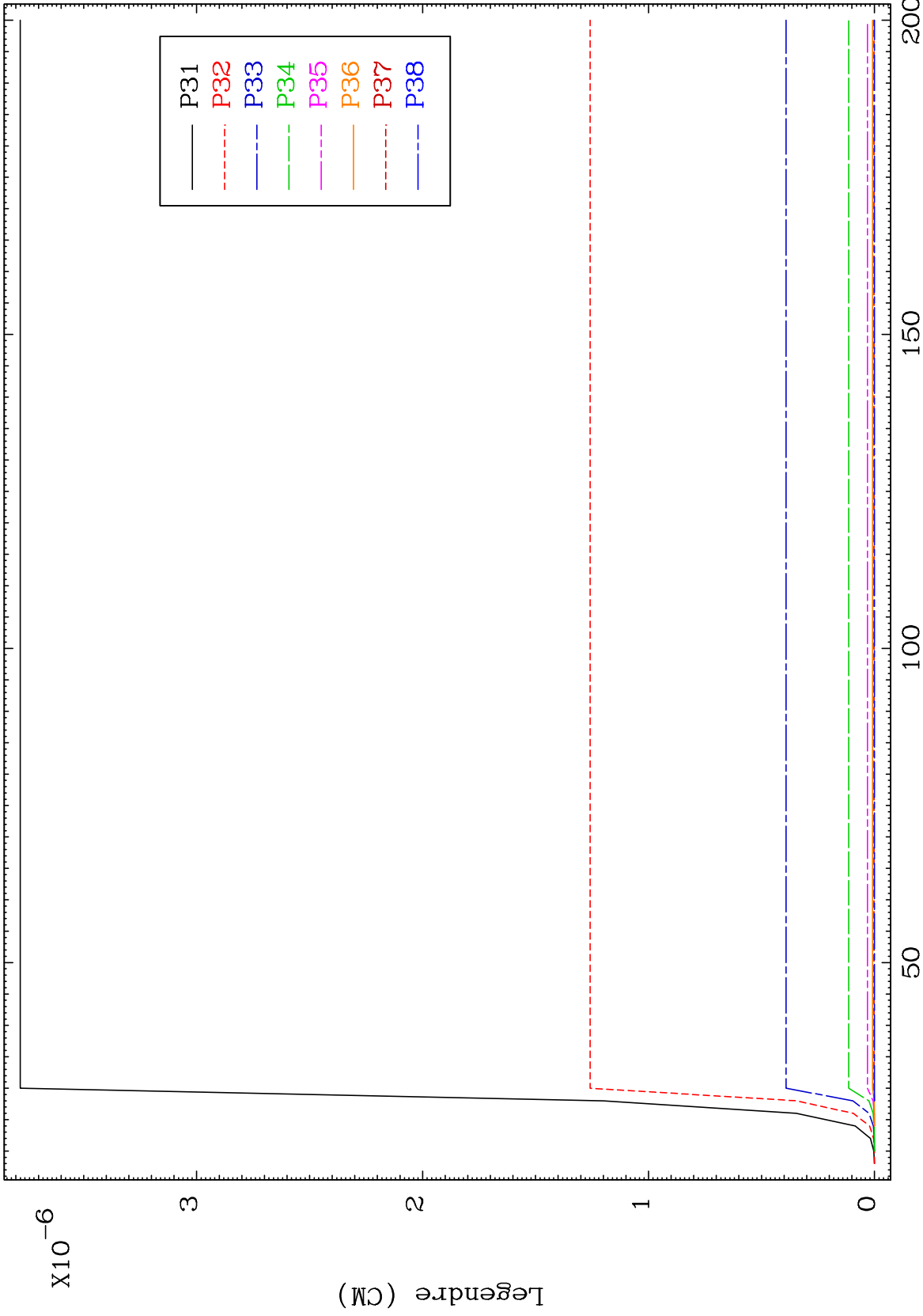
85-At-209



MAT 8543

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

85-At-209



27

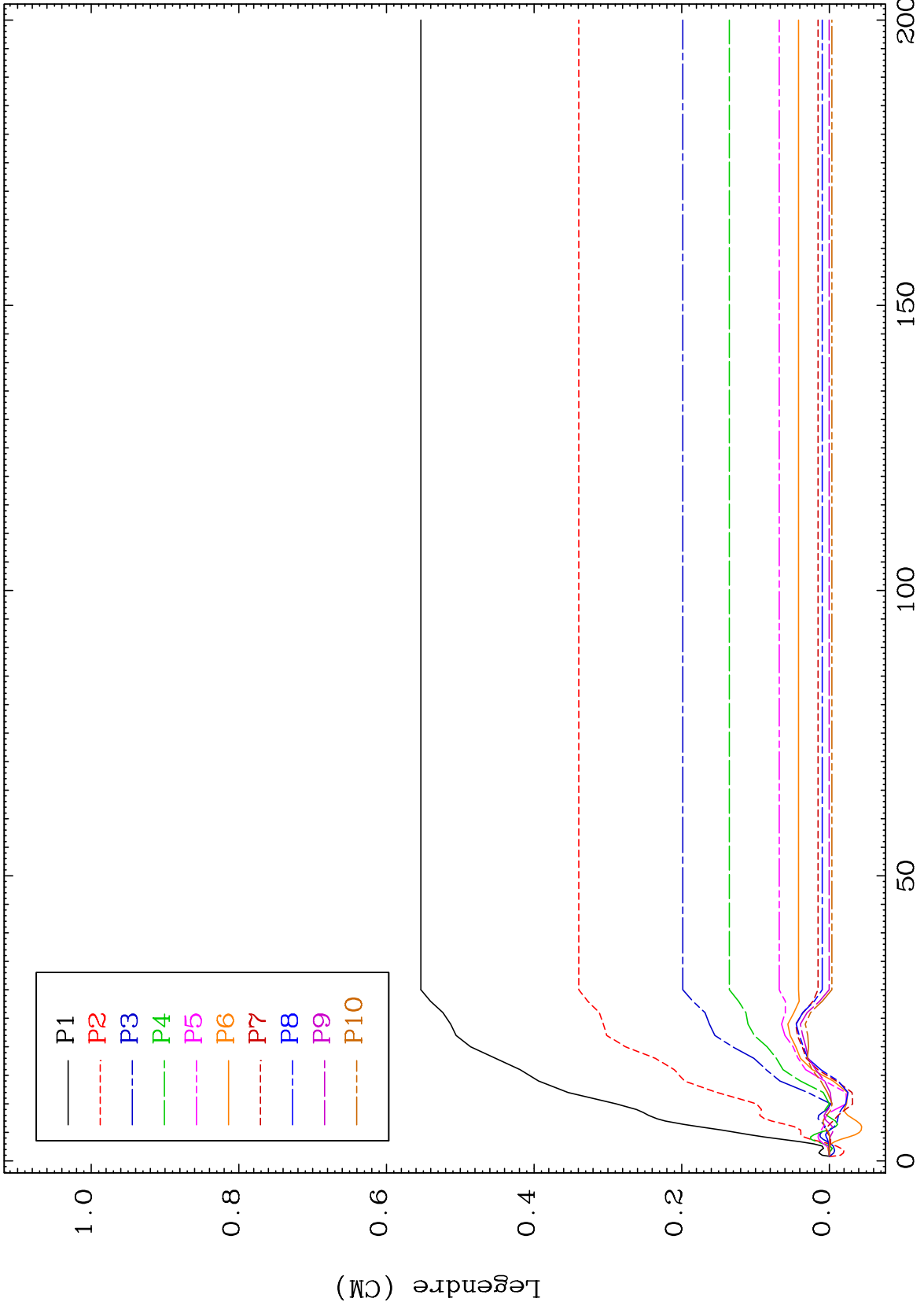
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



28

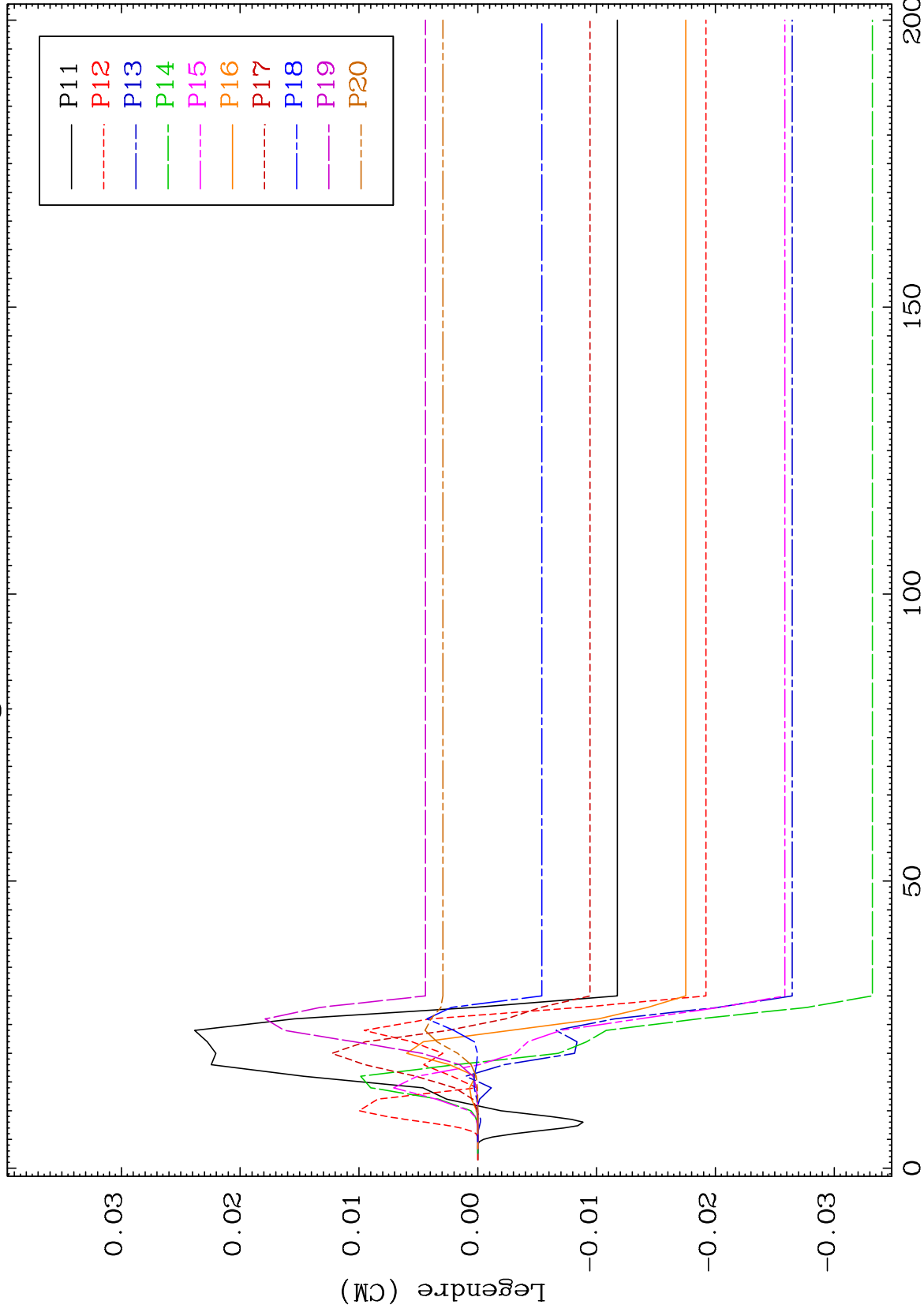
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



29

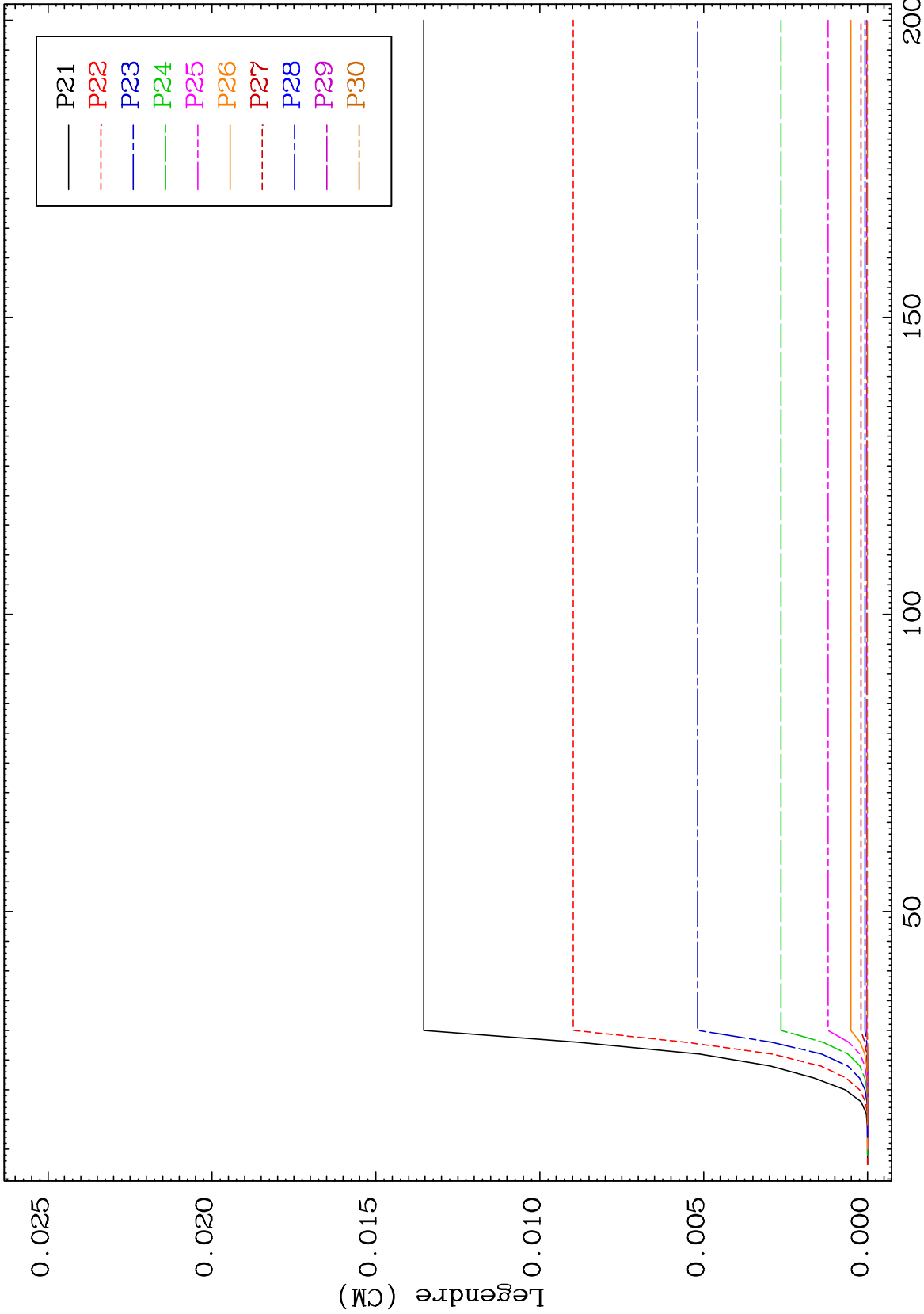
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



30

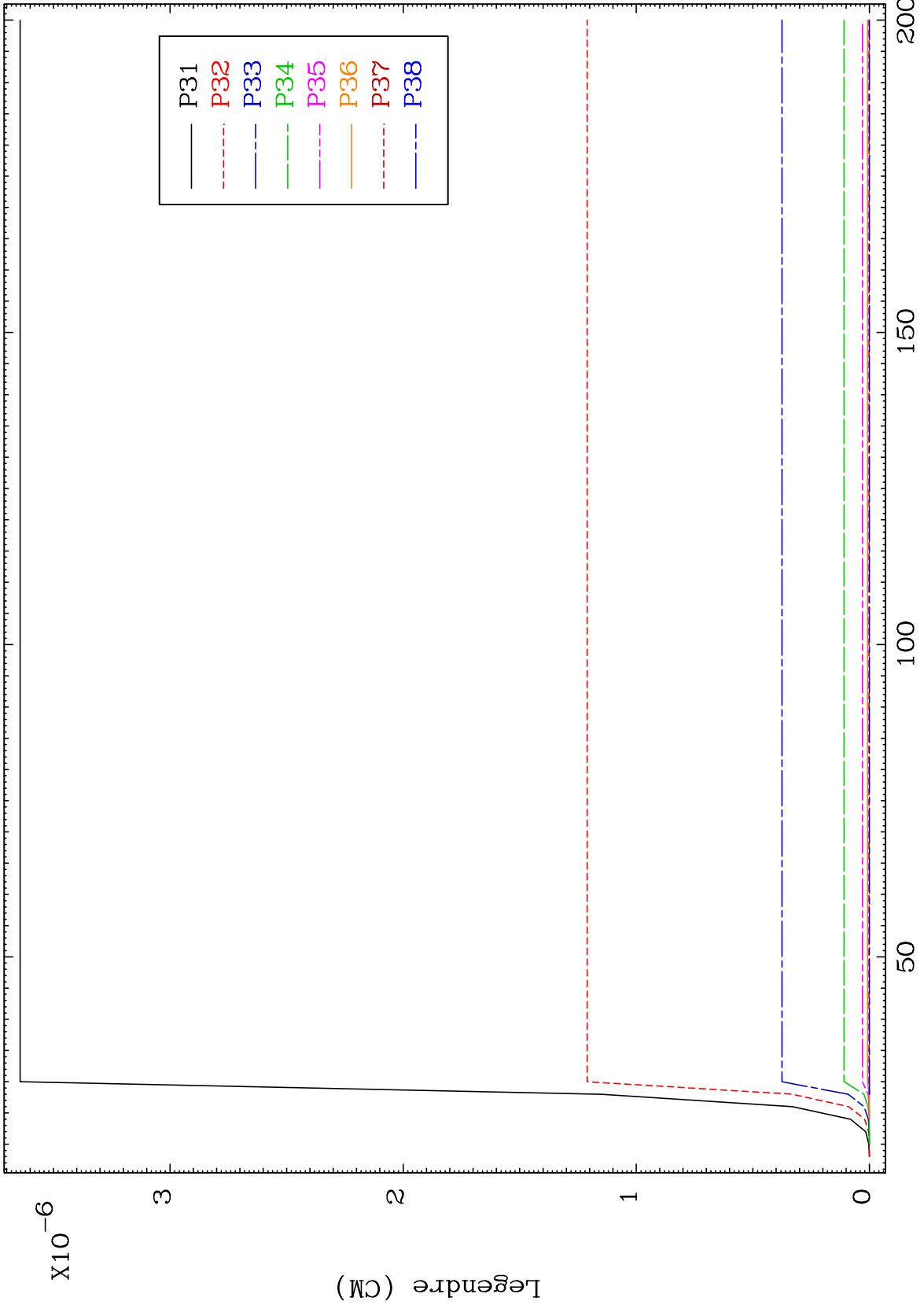
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



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Incident Energy (MeV)

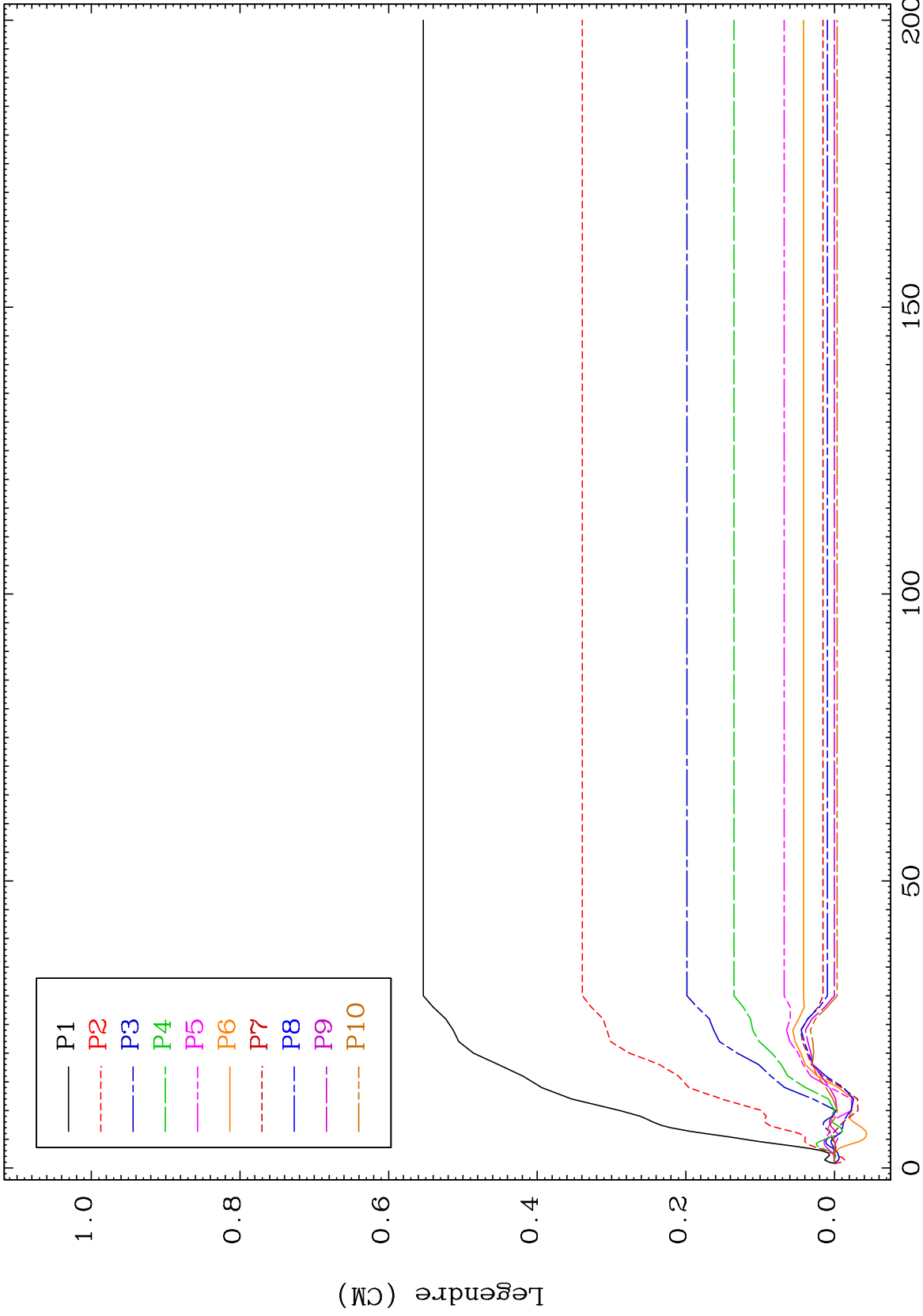
85-At-209



MAT 8543

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

85-At-209



32

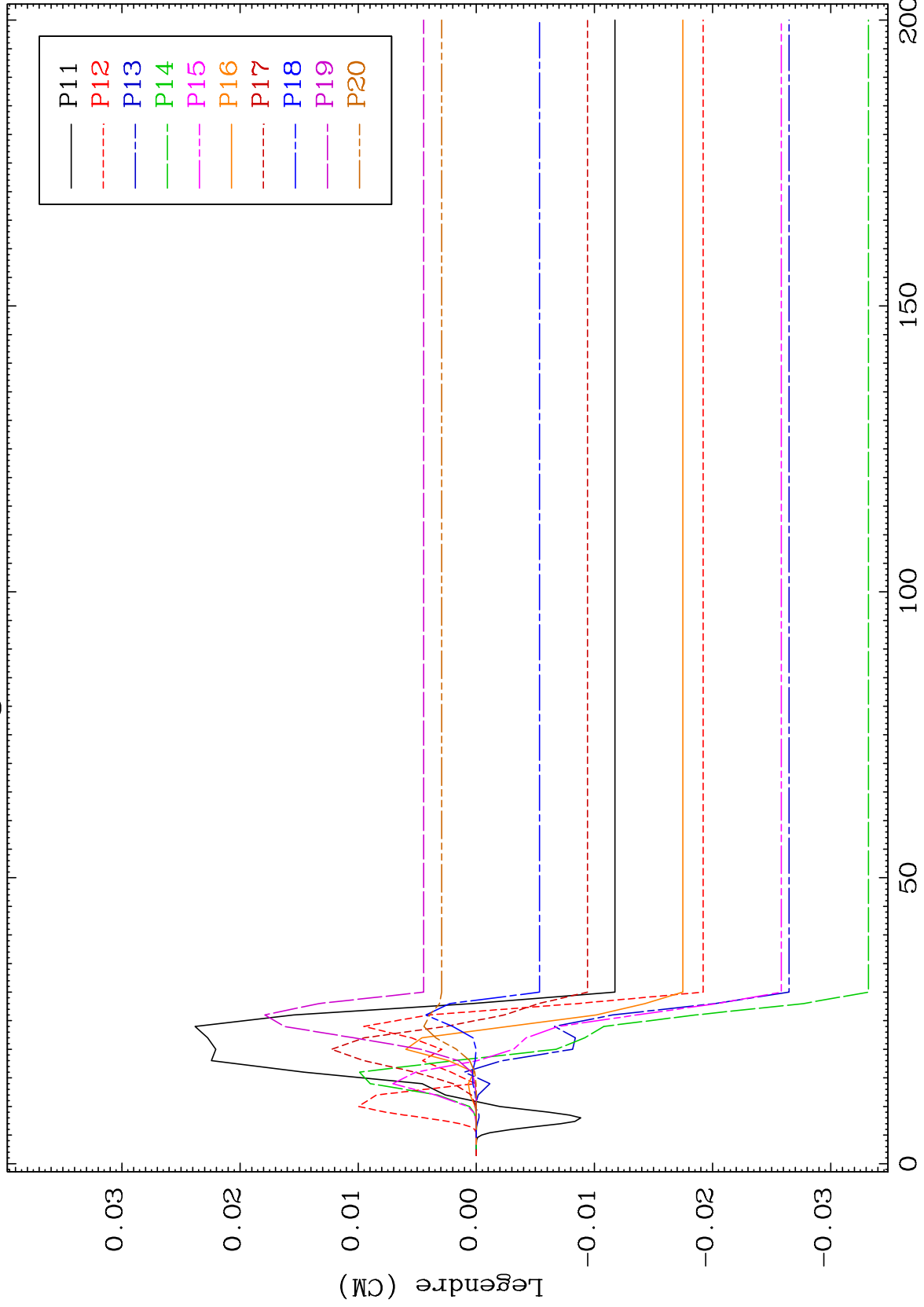
Incident Energy (MeV)

85-At-209

MAT 8543

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

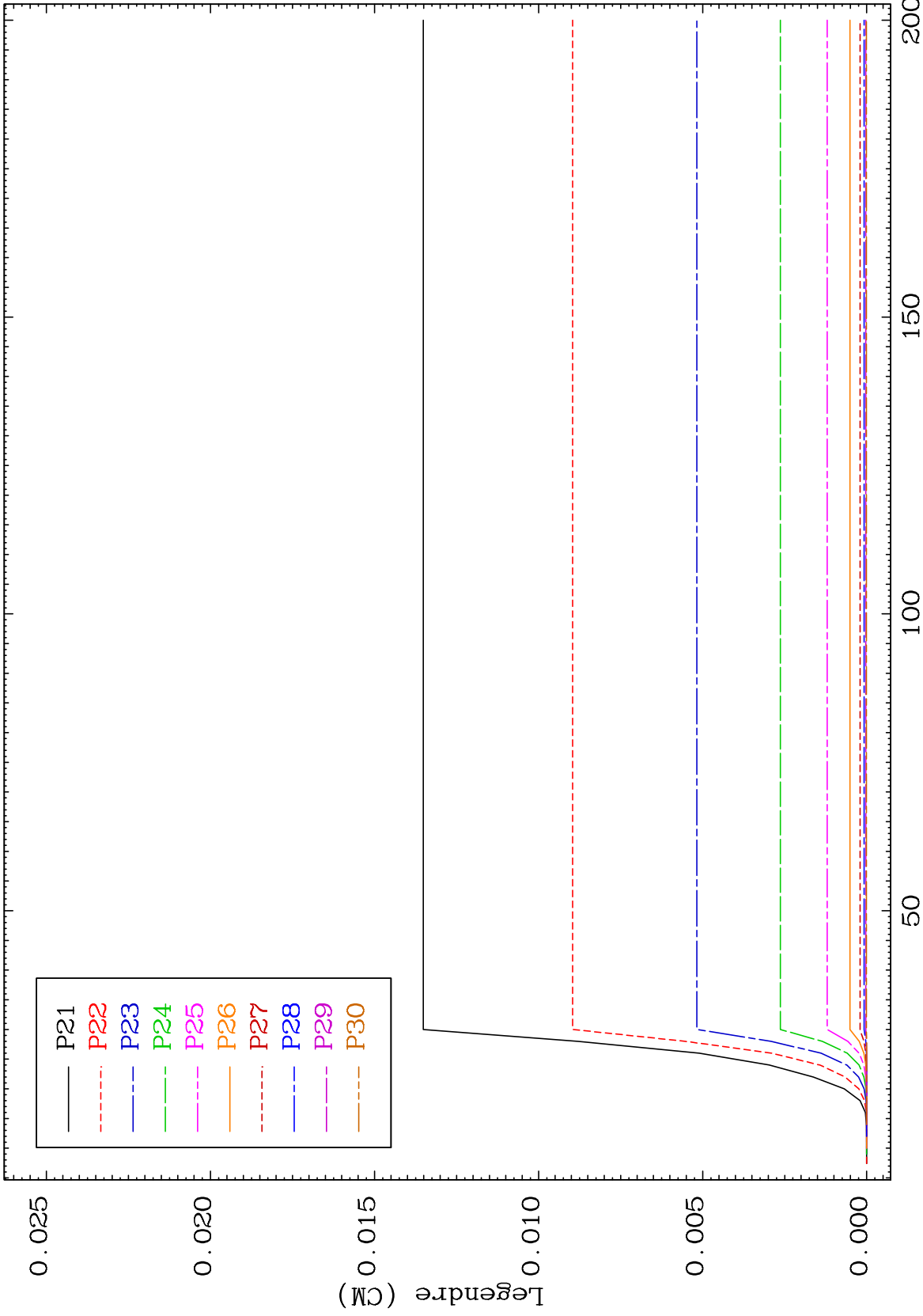
85-At-209



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Incident Energy (MeV)

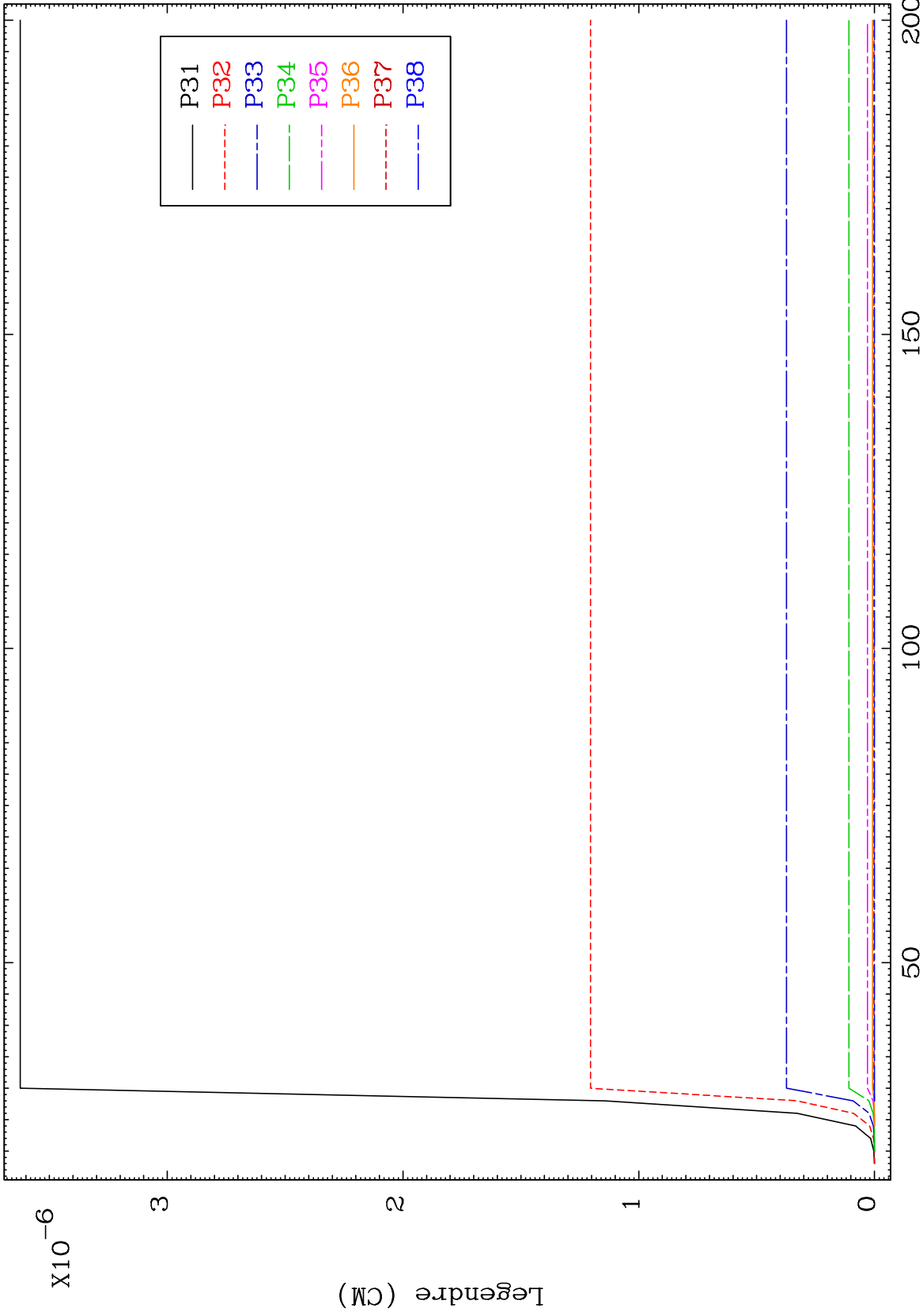
85-At-209



MAT 8543

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

85-At-209



35

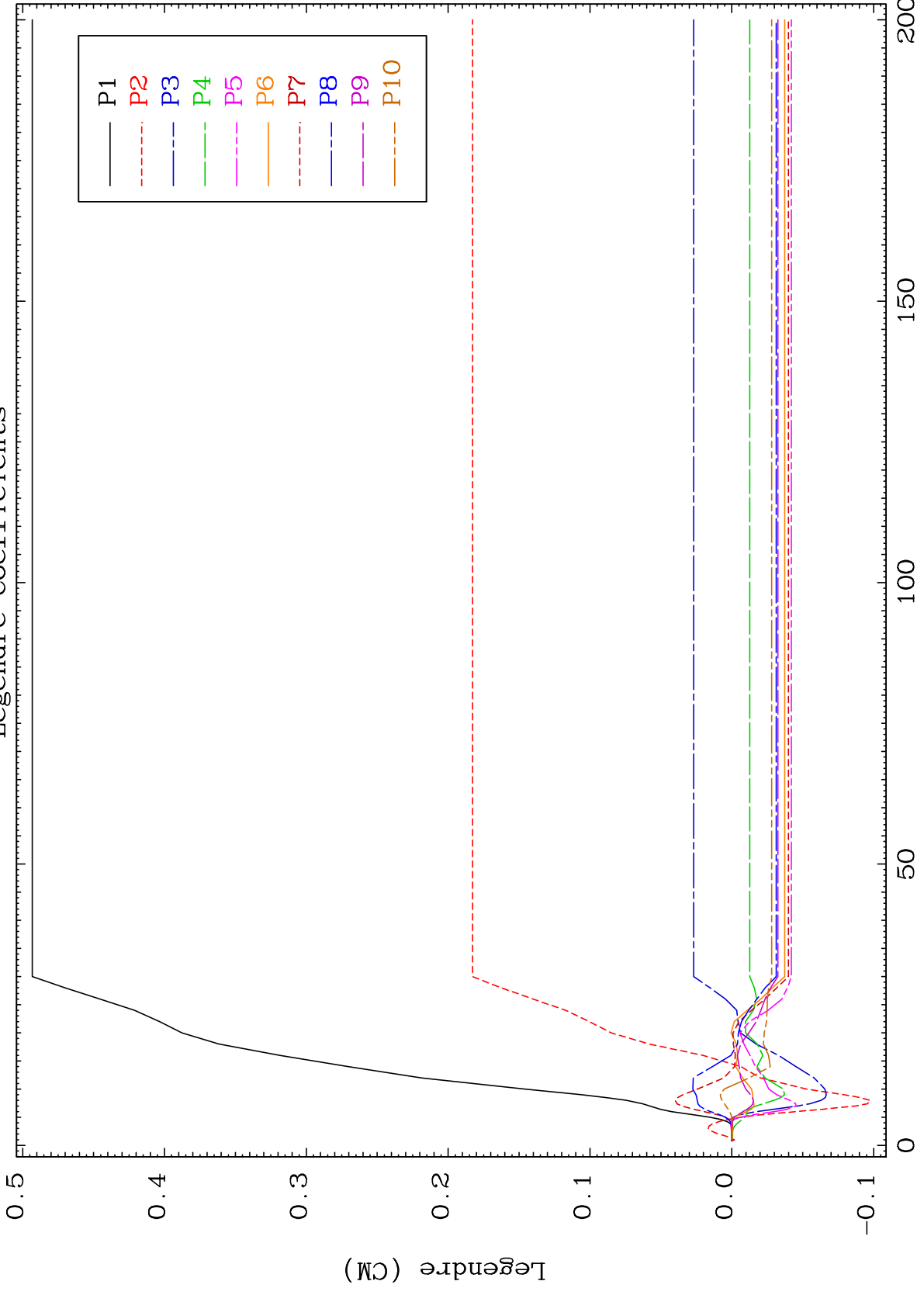
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



36

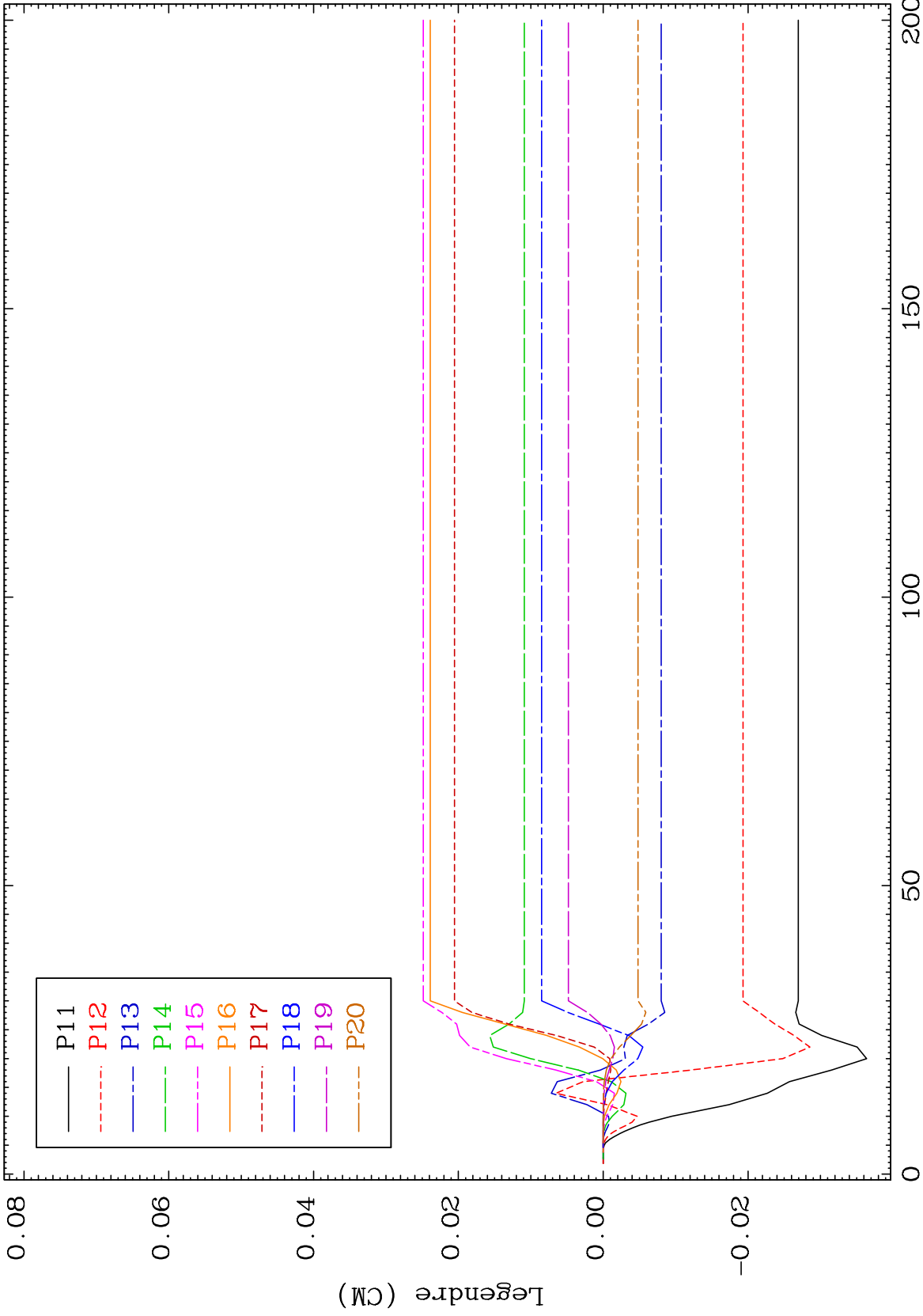
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



37

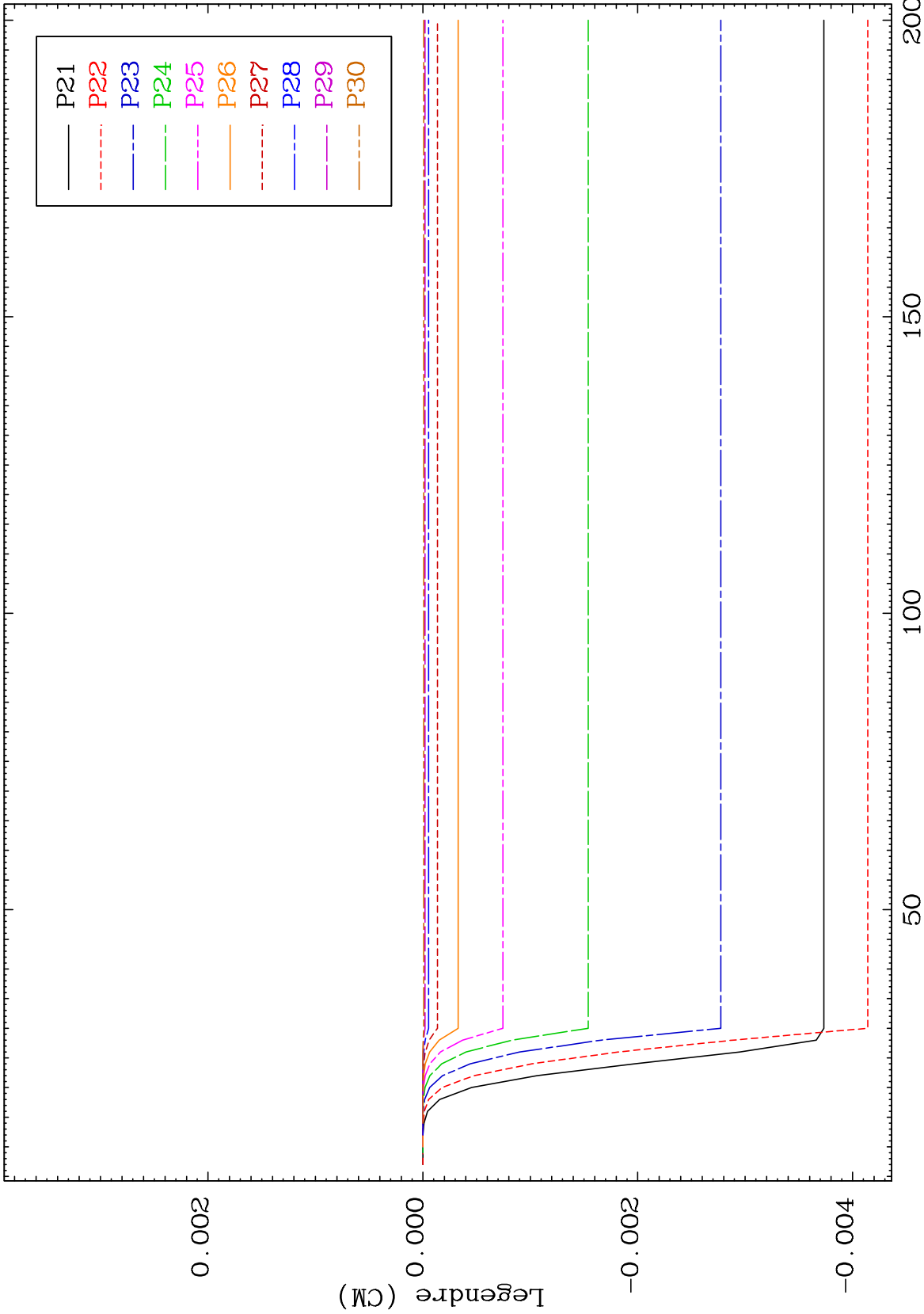
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



38

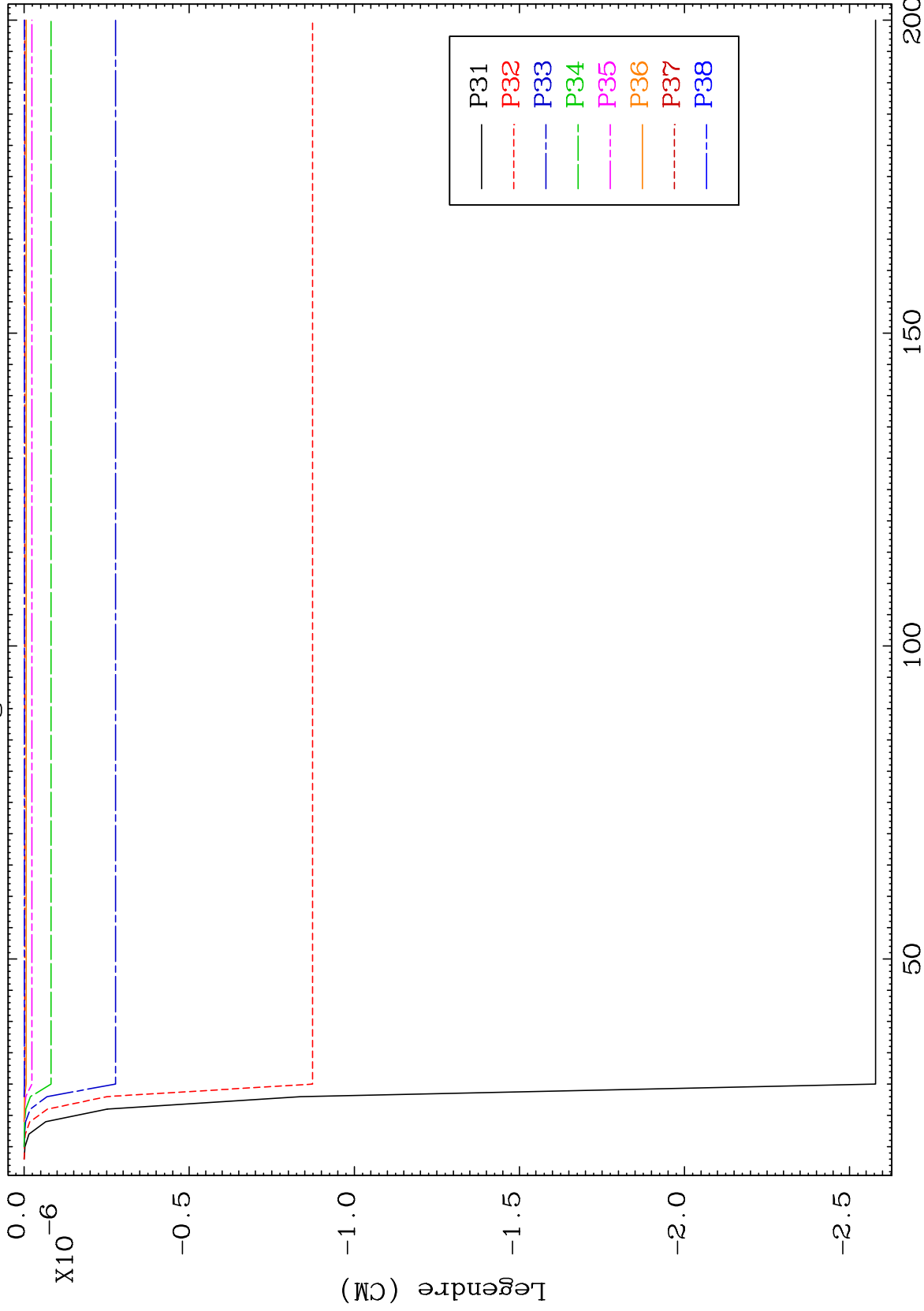
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



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Incident Energy (MeV)

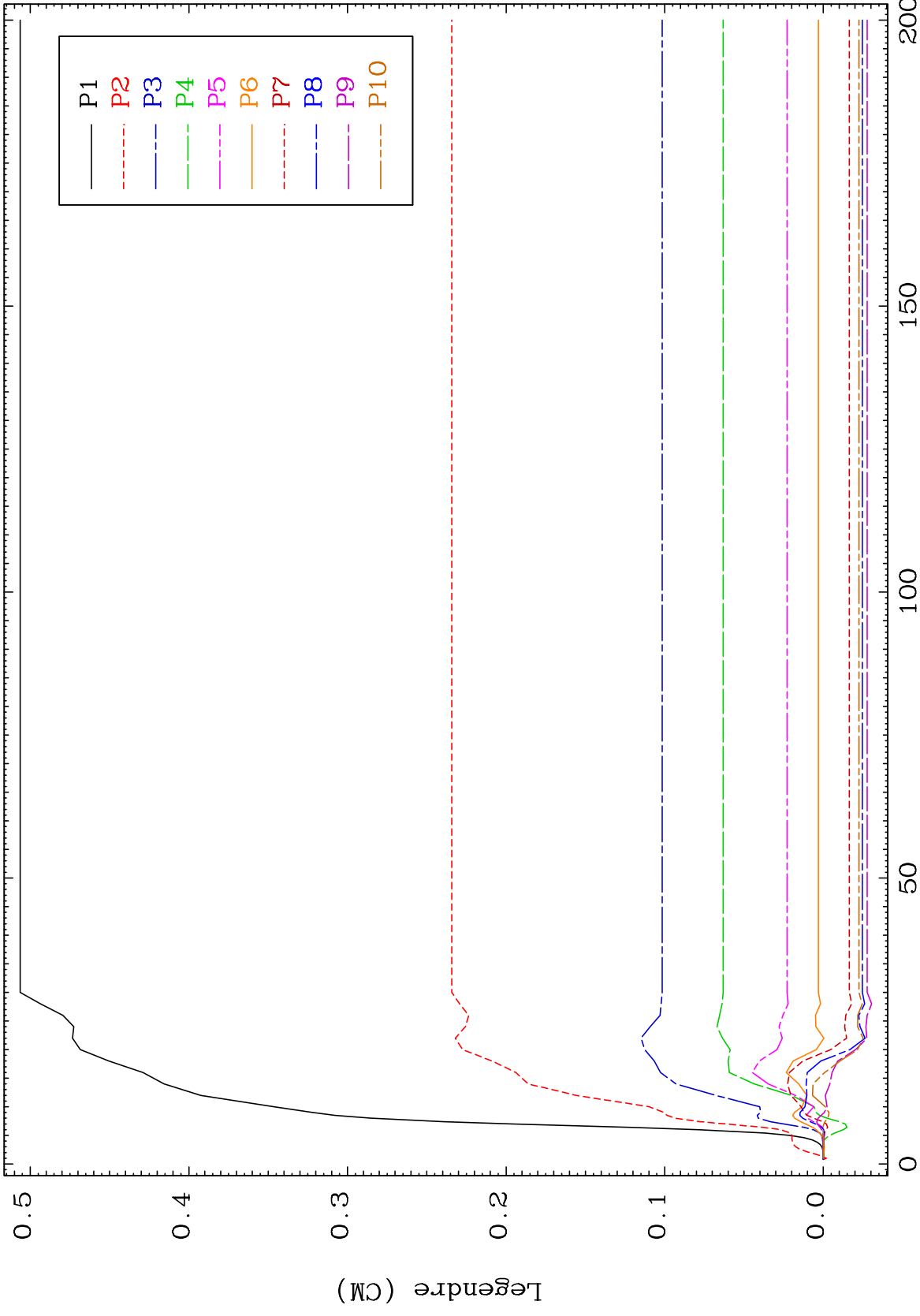
85-At-209



MAT 8543

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

85-At-209



85-At-209

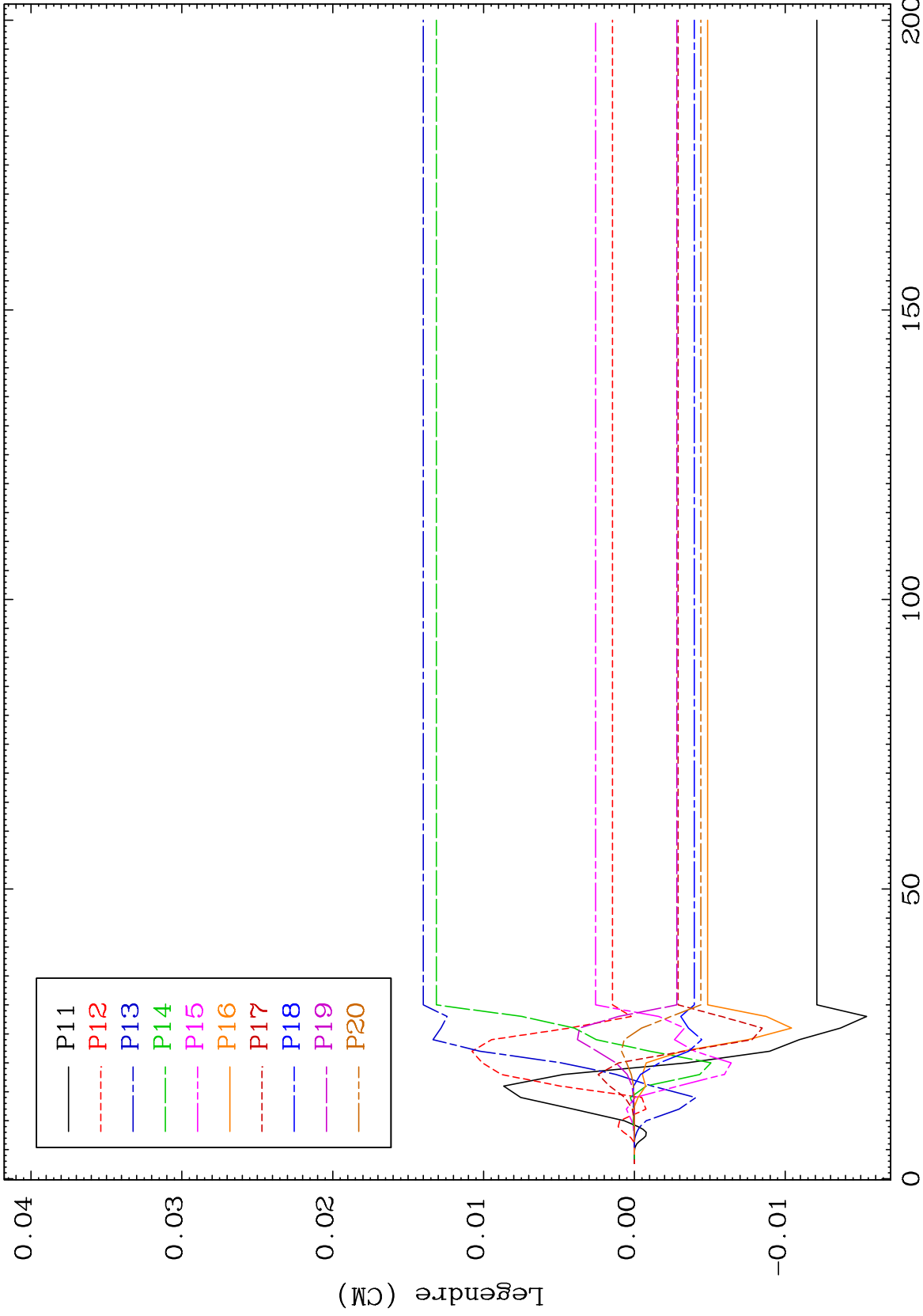
Incident Energy (MeV)

40

MAT 8543

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

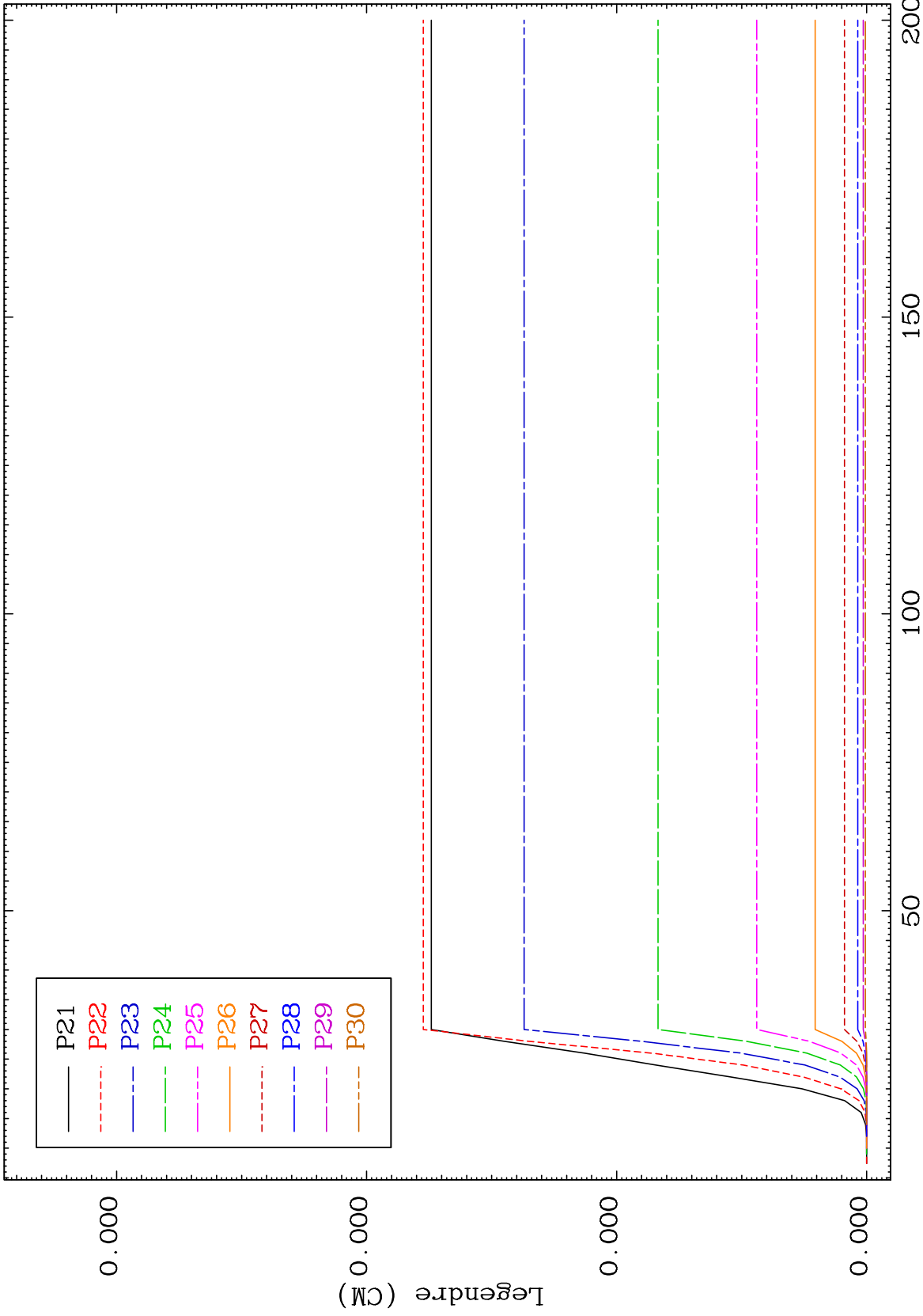
85-At-209



MAT 8543

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

85-At-209



42

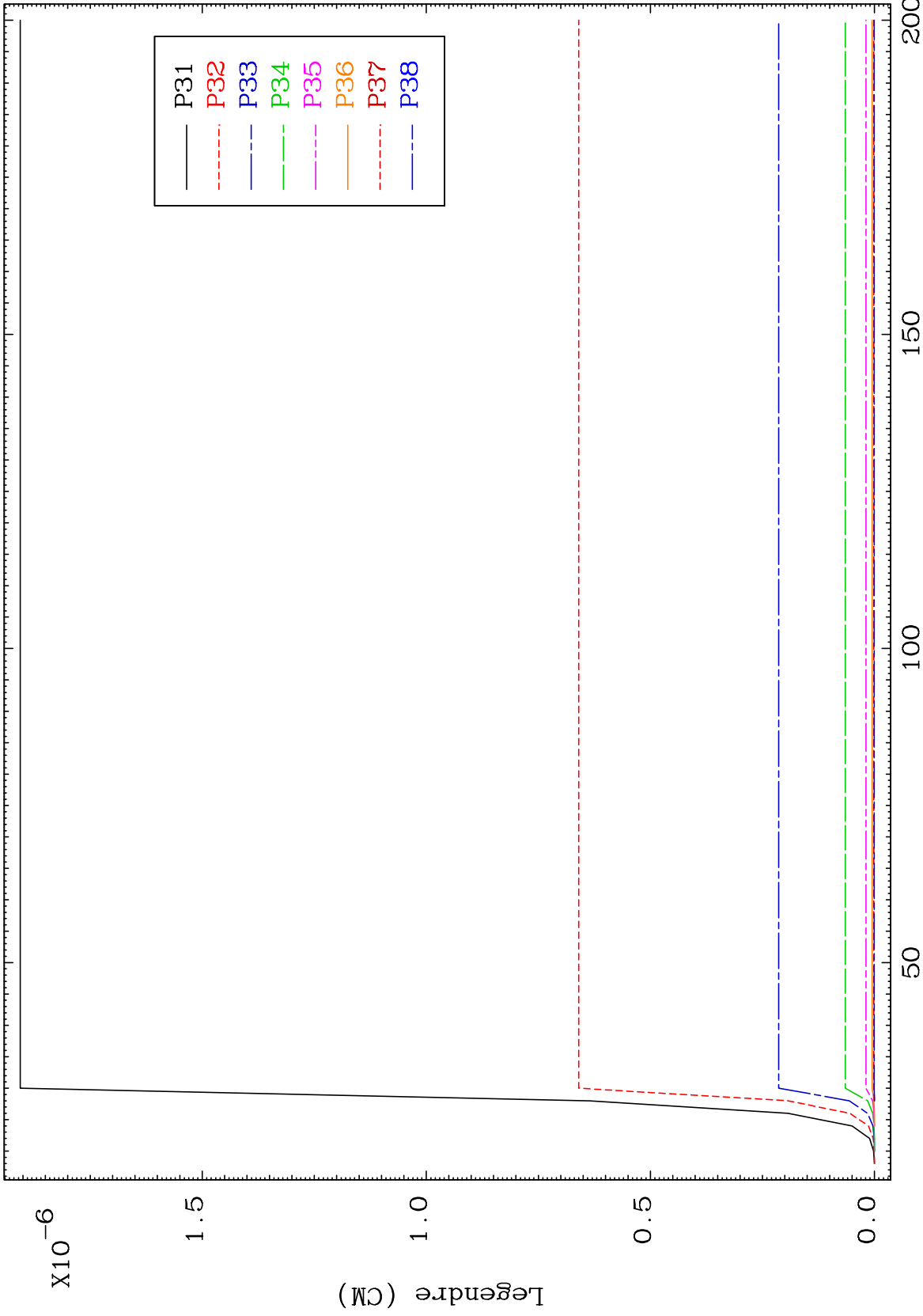
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



43

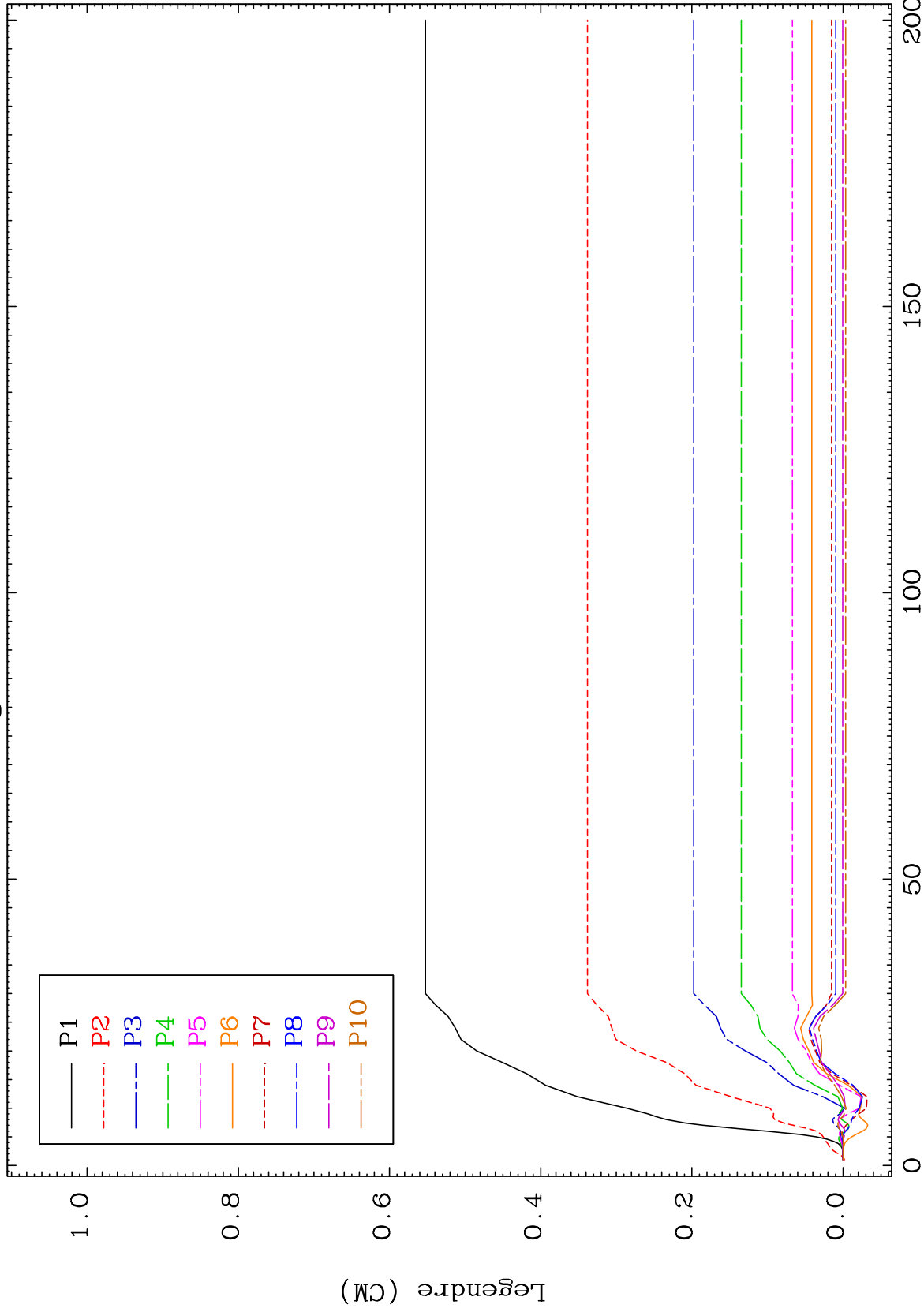
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



44

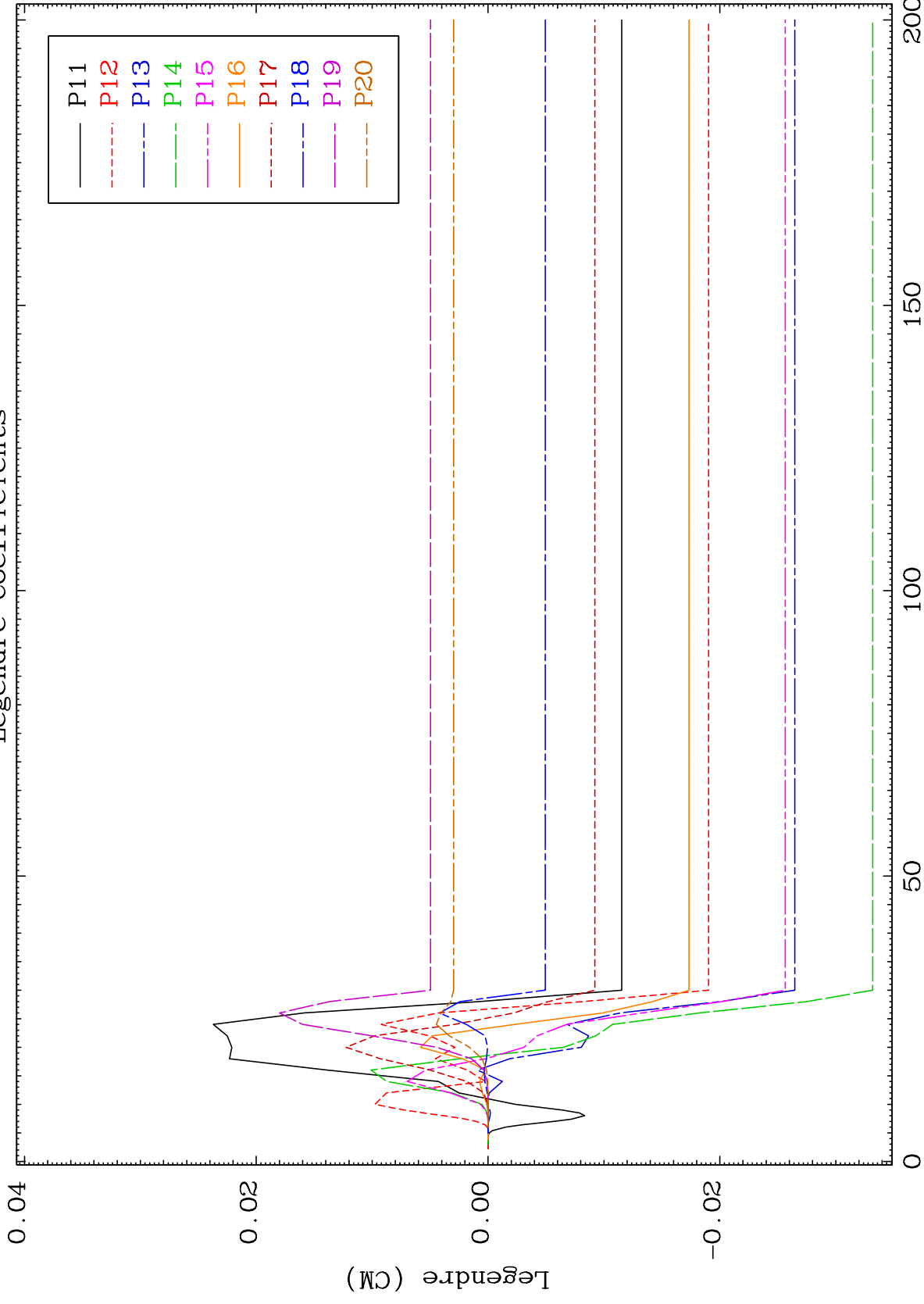
Incident Energy (MeV)

85-At-209

MAT 8543

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

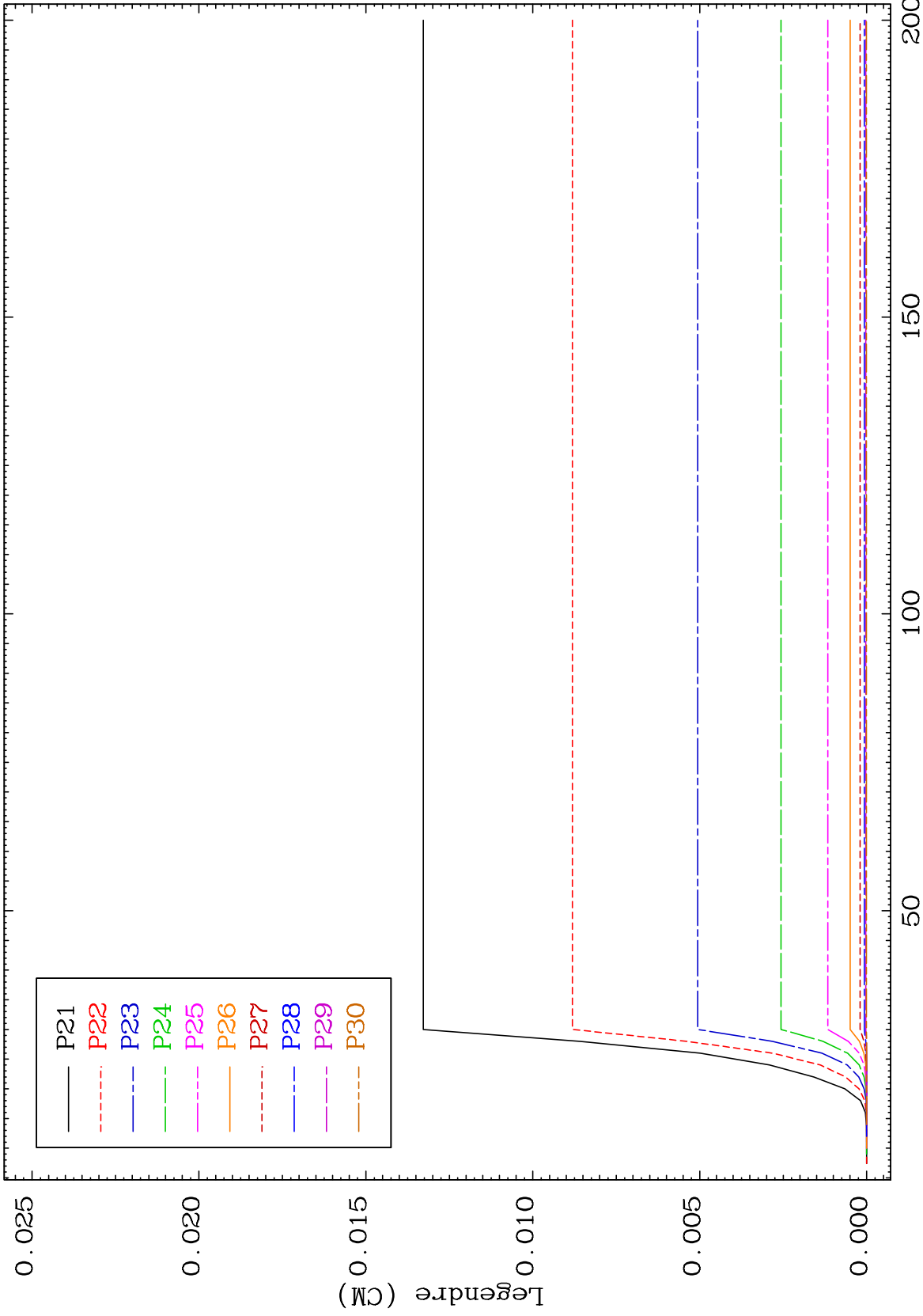
85-At-209



45

Incident Energy (MeV)

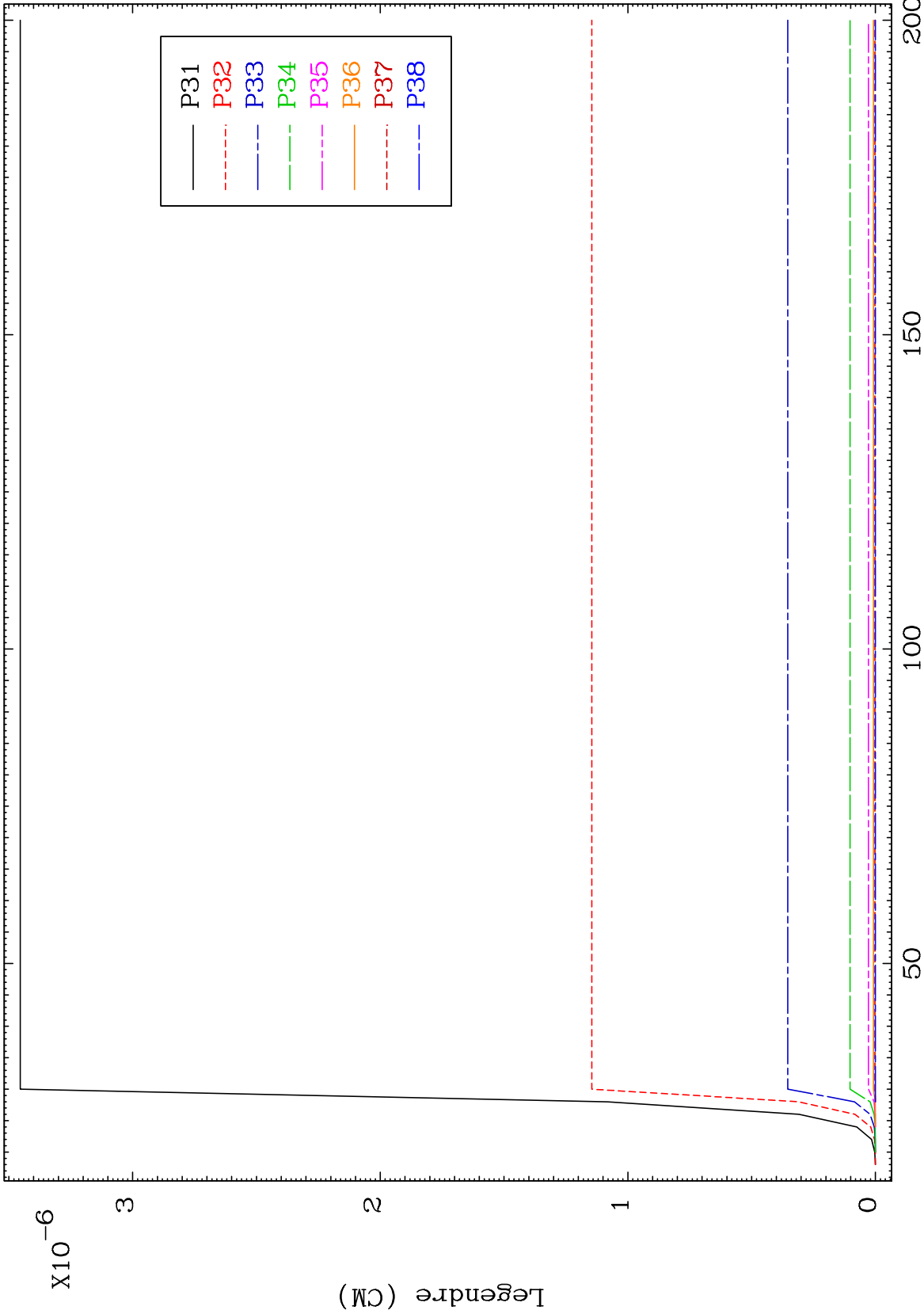
85-At-209



MAT 8543

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

85-At-209



47

Incident Energy (MeV)

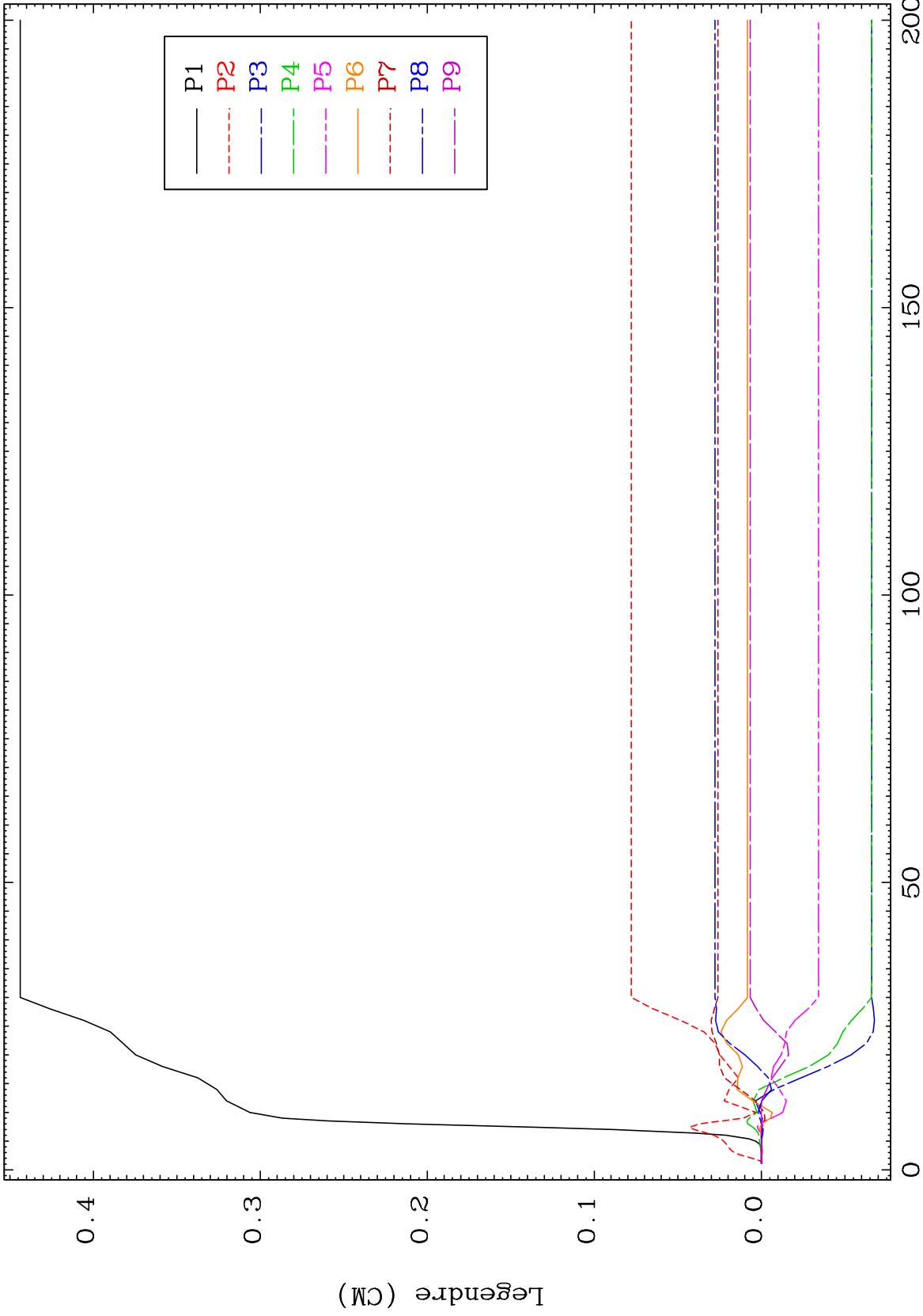
85-At-209



MAT 8543

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

85-At-209



48

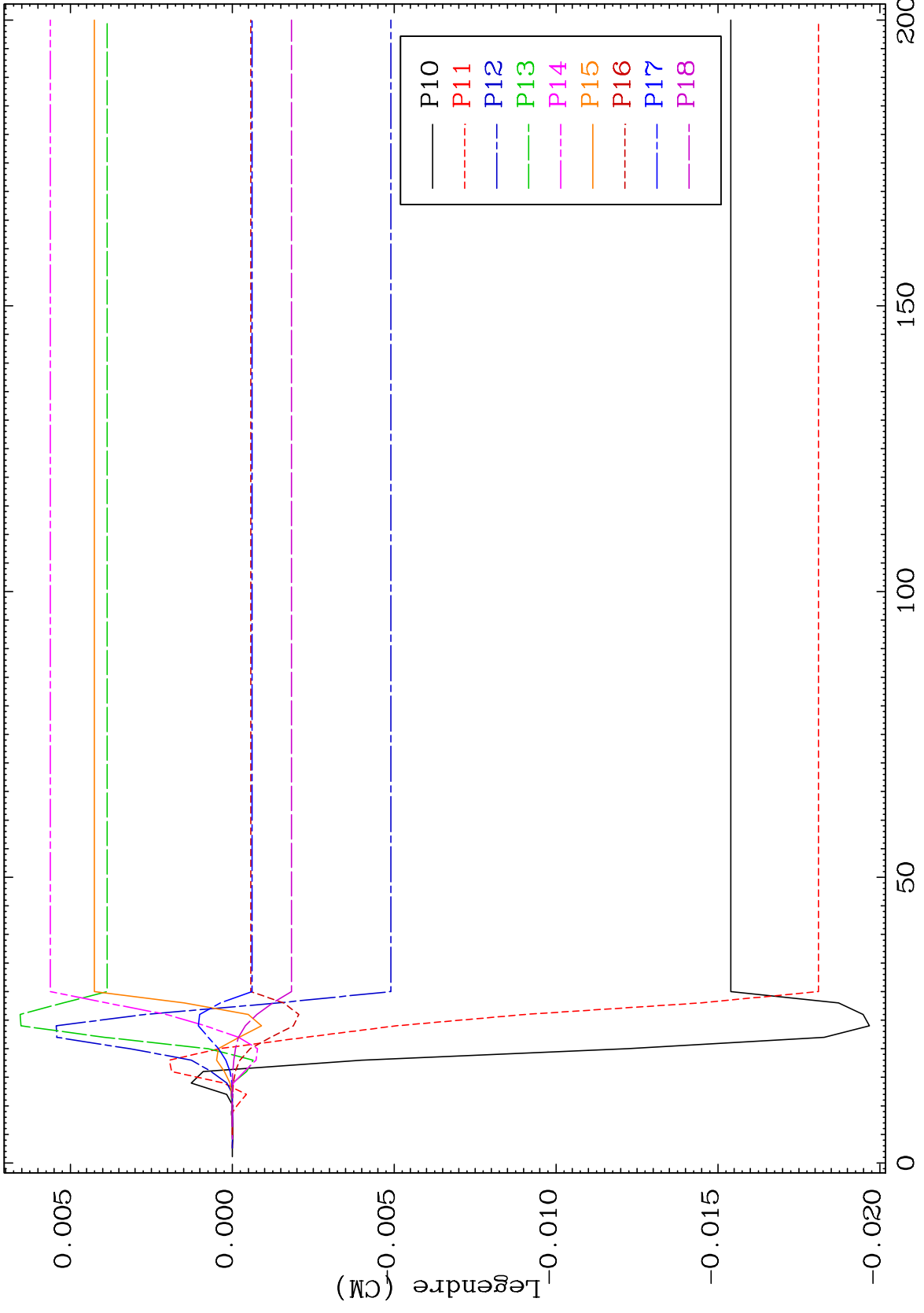
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



49

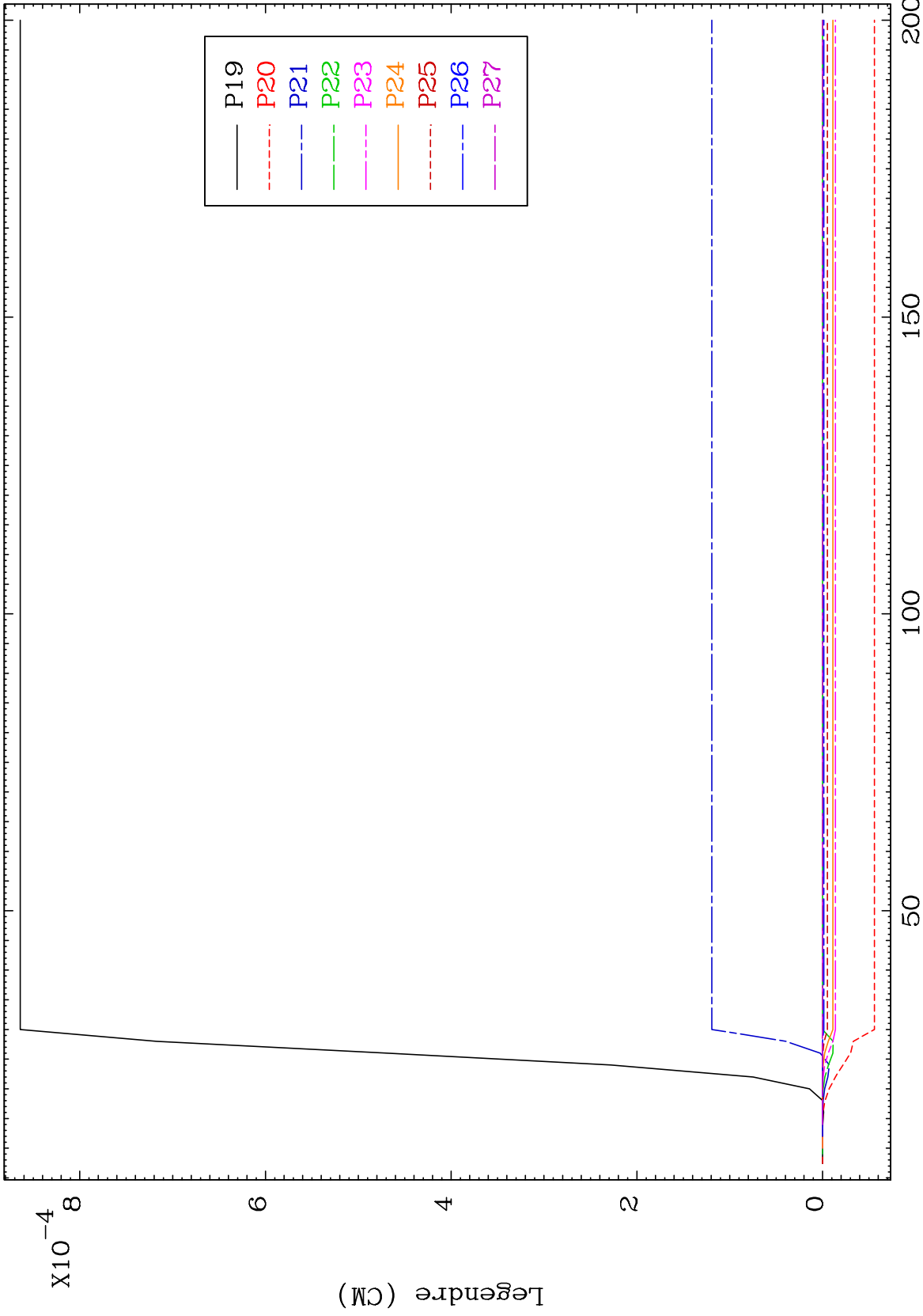
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



50

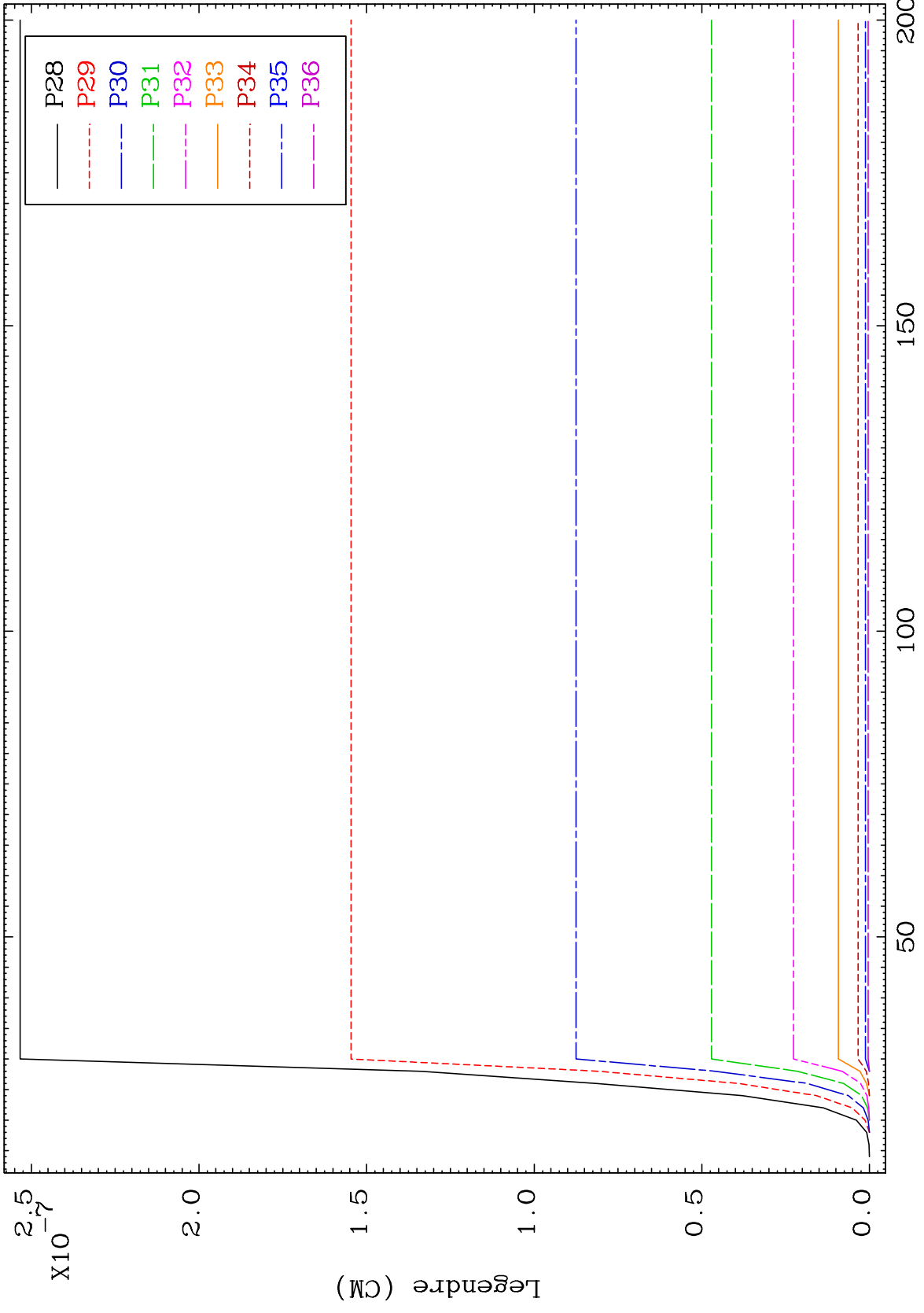
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



51

Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



52

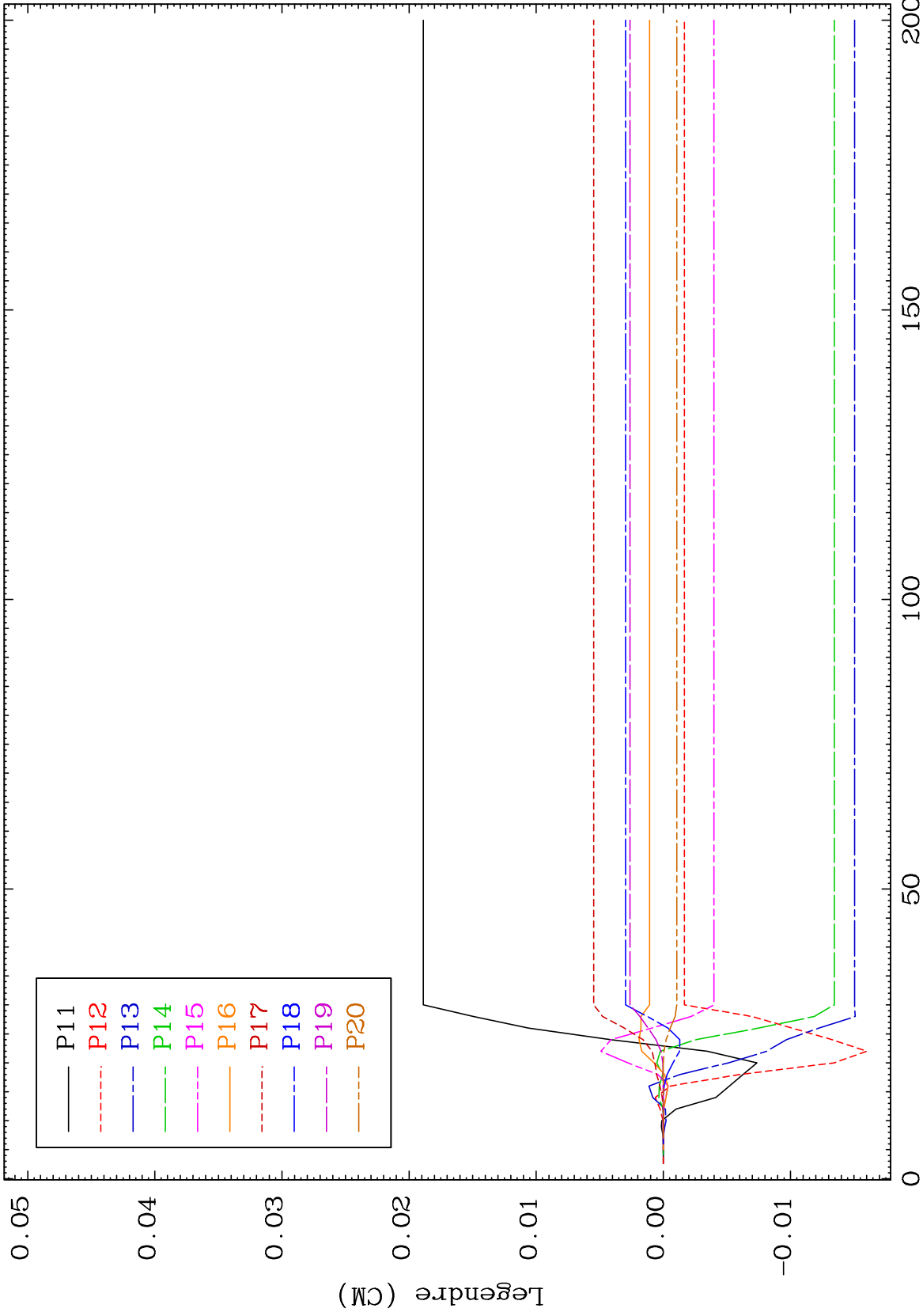
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



53

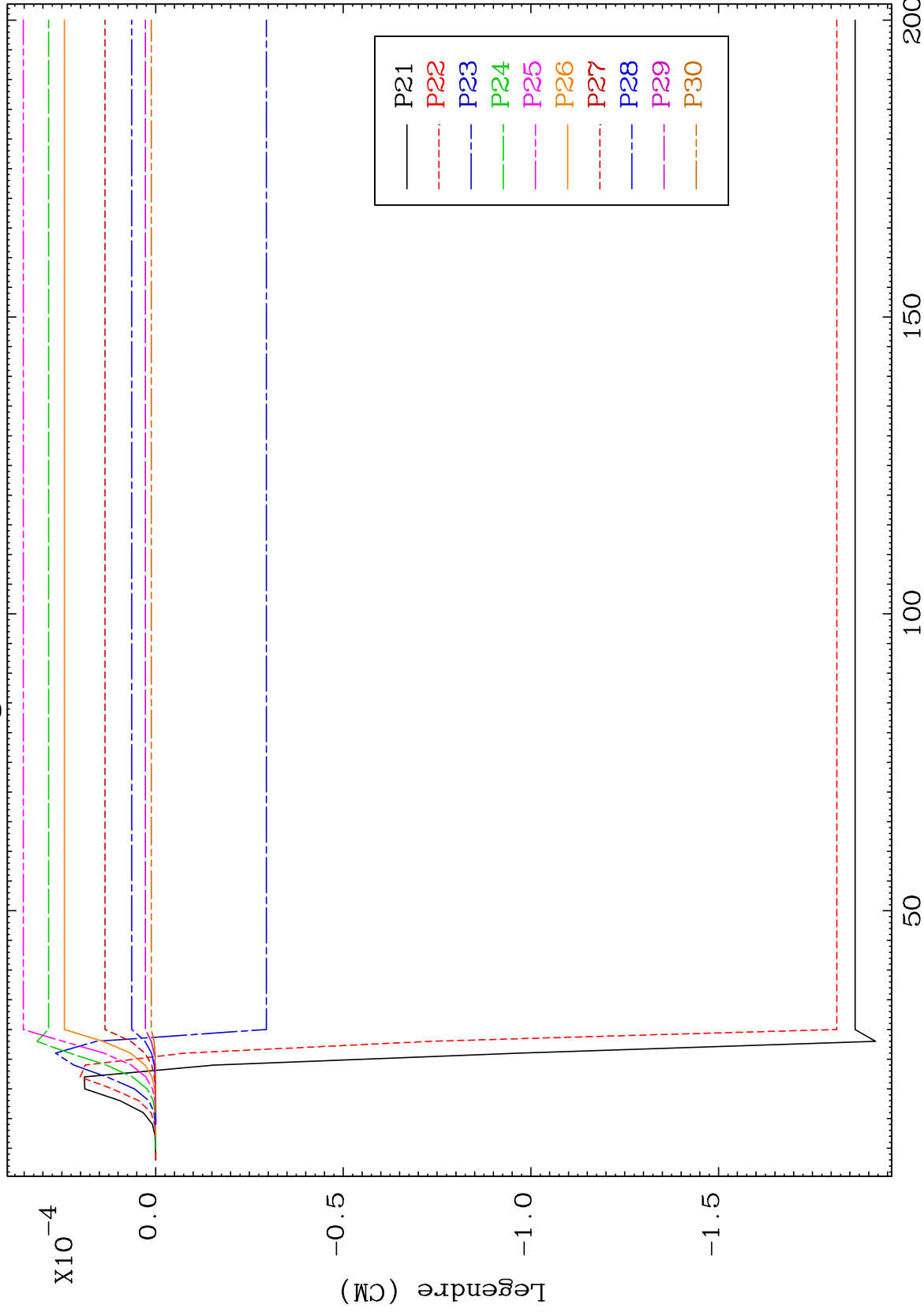
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



54

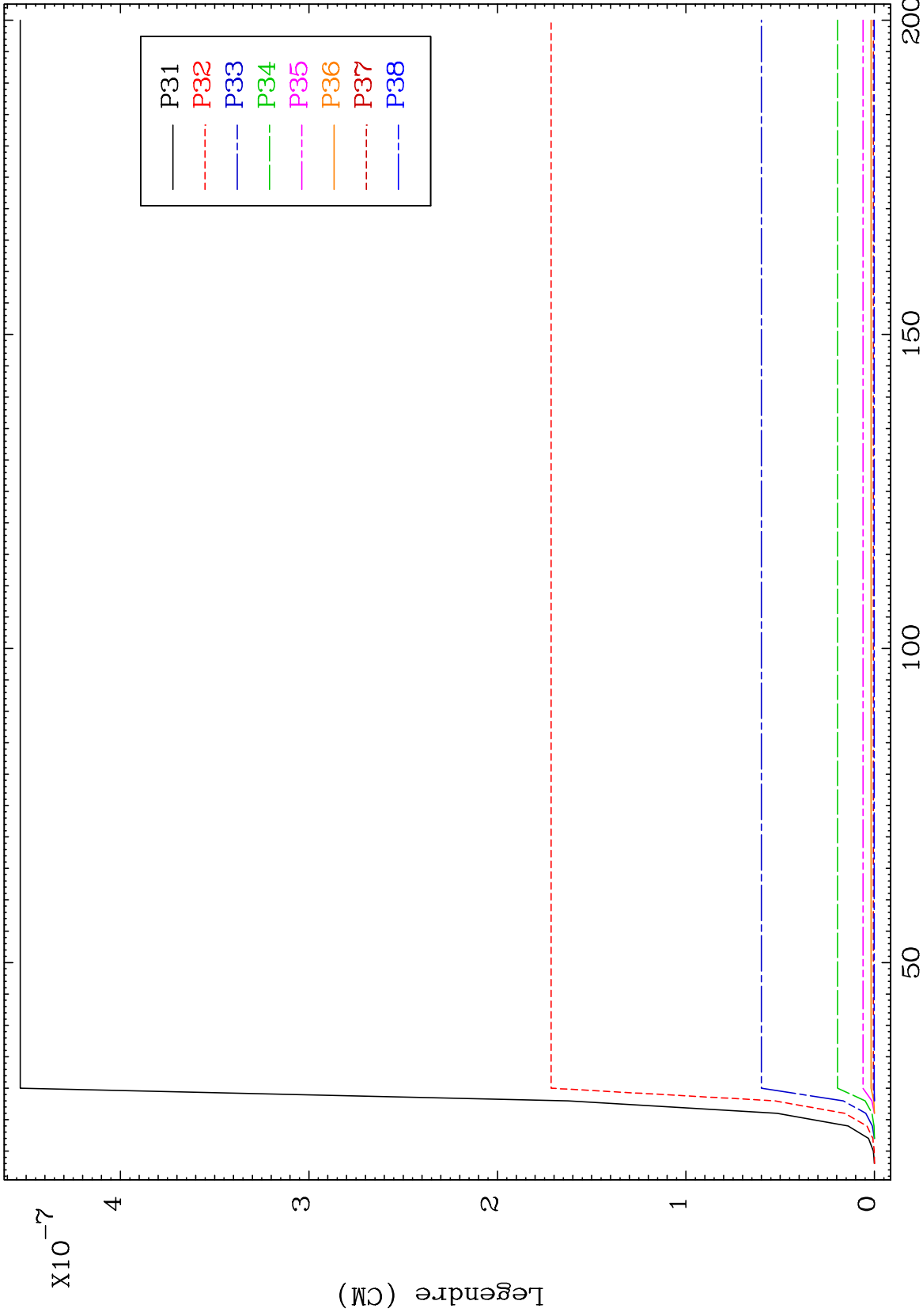
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



55

Incident Energy (MeV)

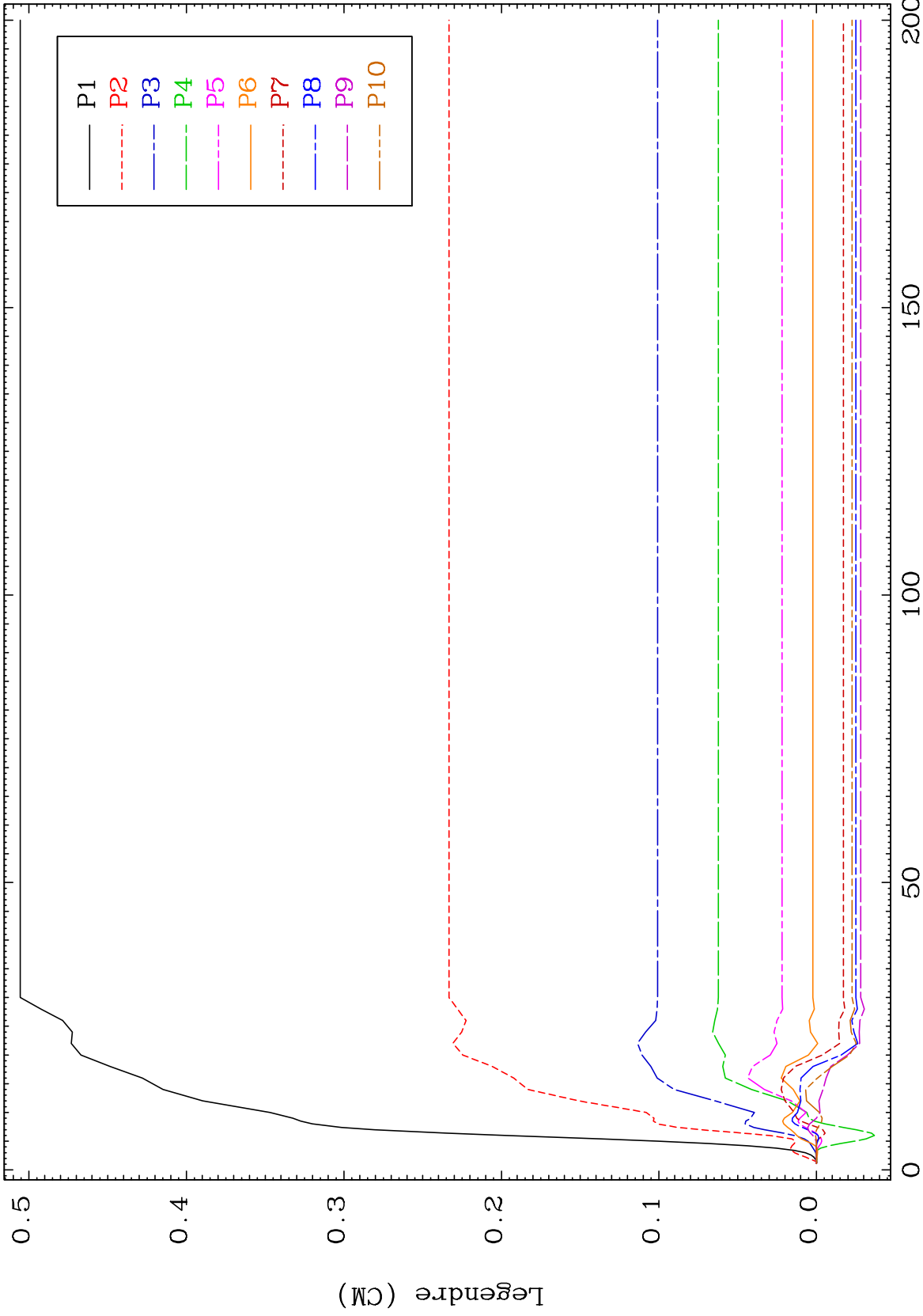
85-At-209



MAT 8543

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

85-At-209



56

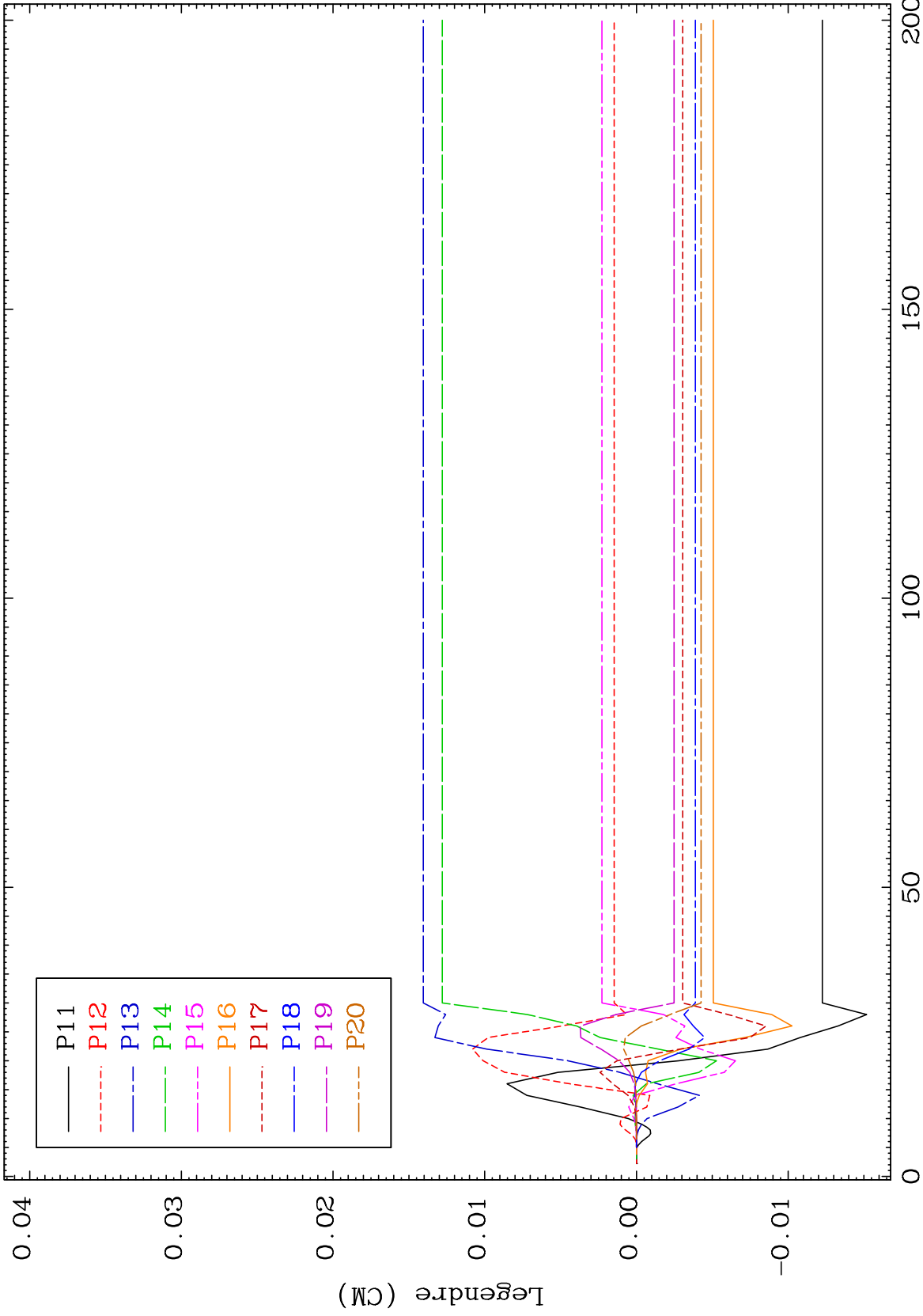
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



57

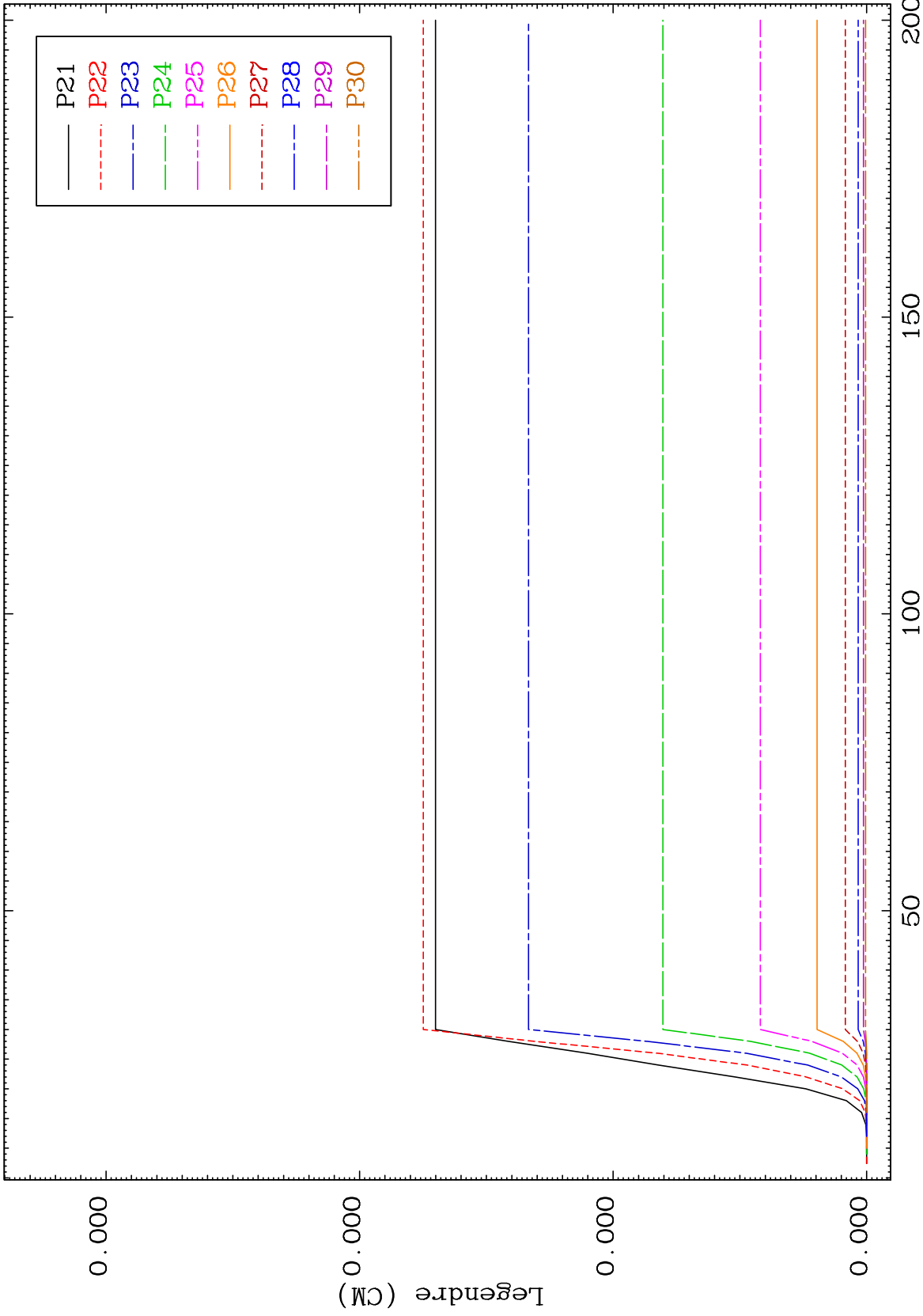
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



58

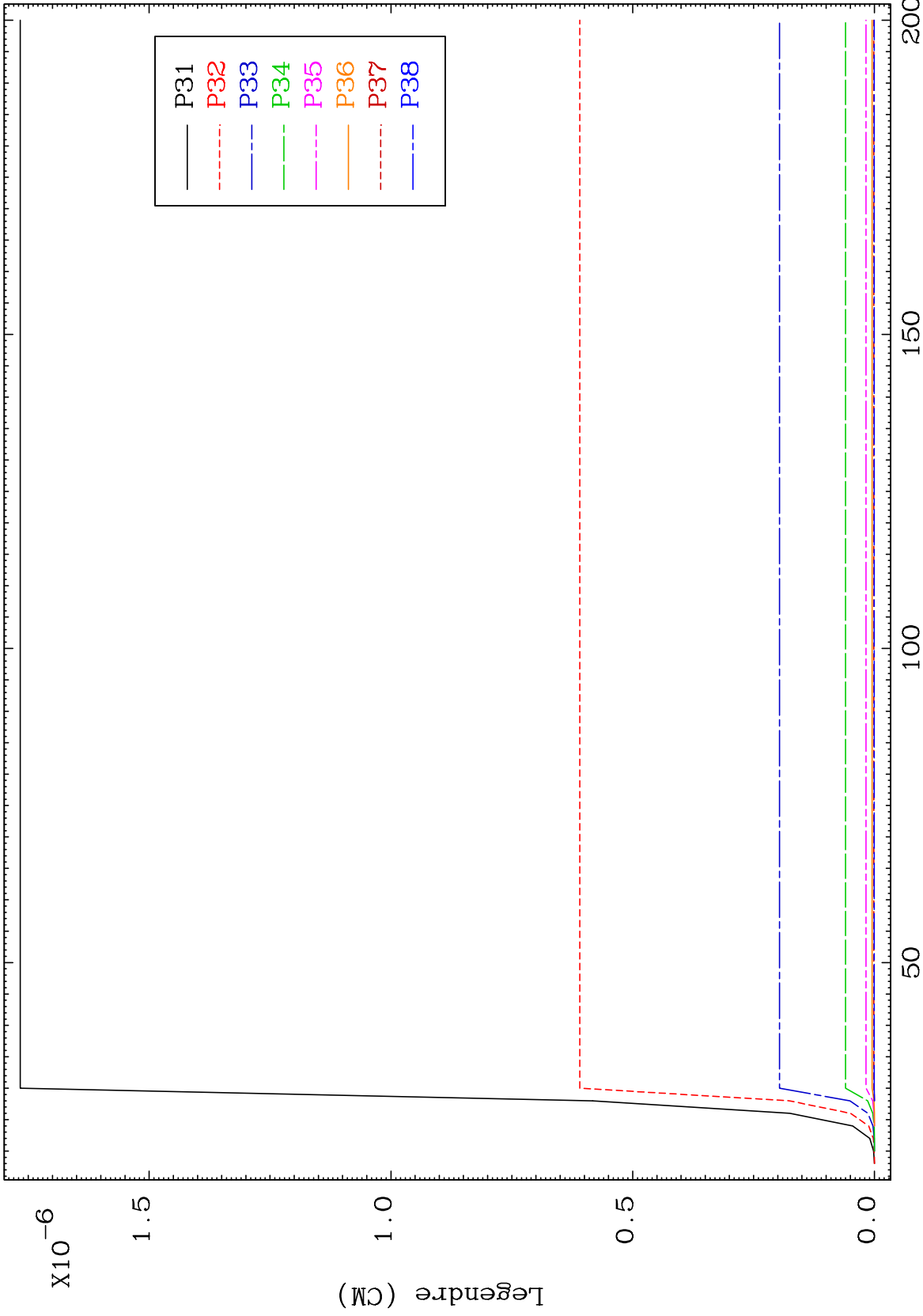
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



59

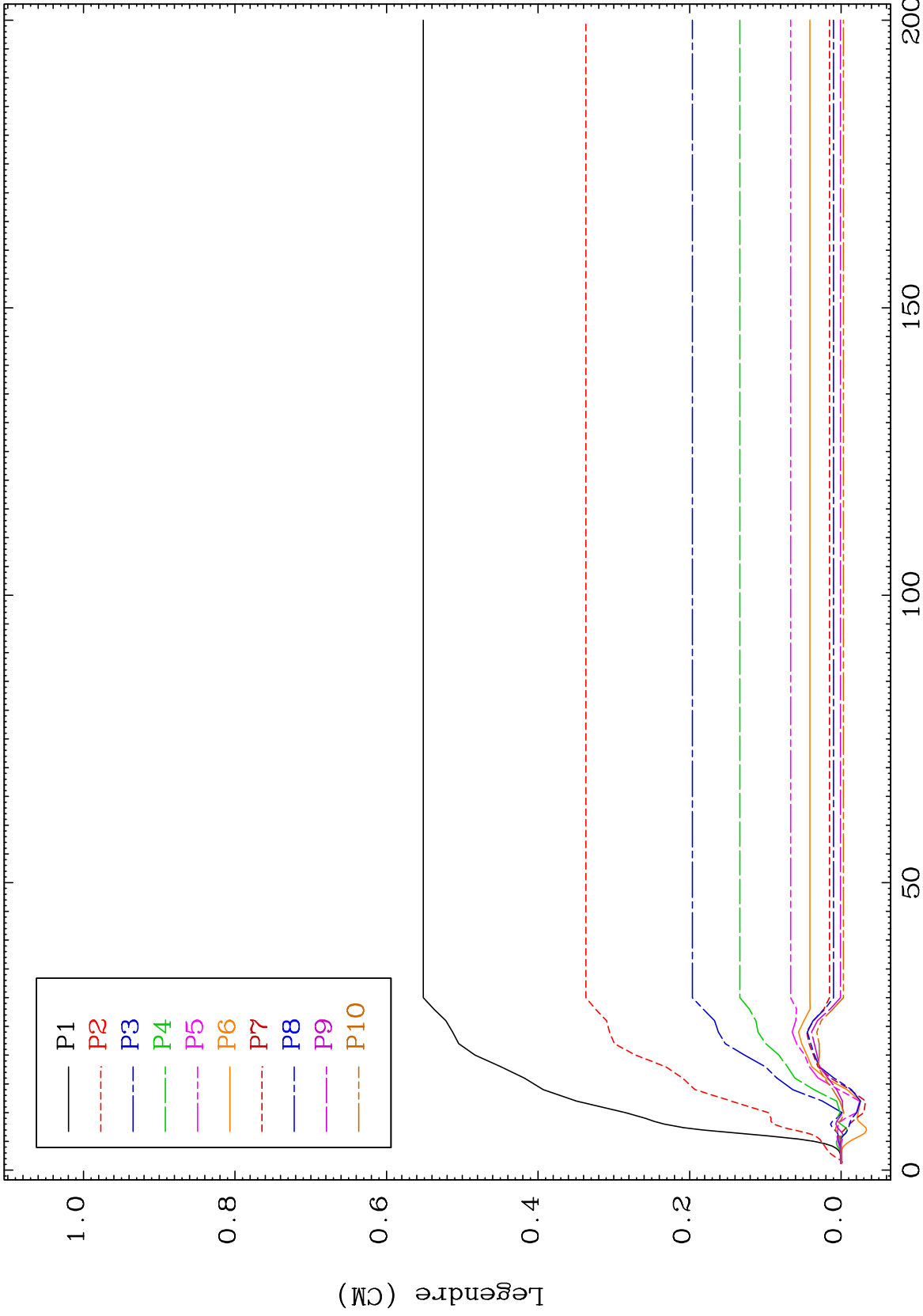
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



60

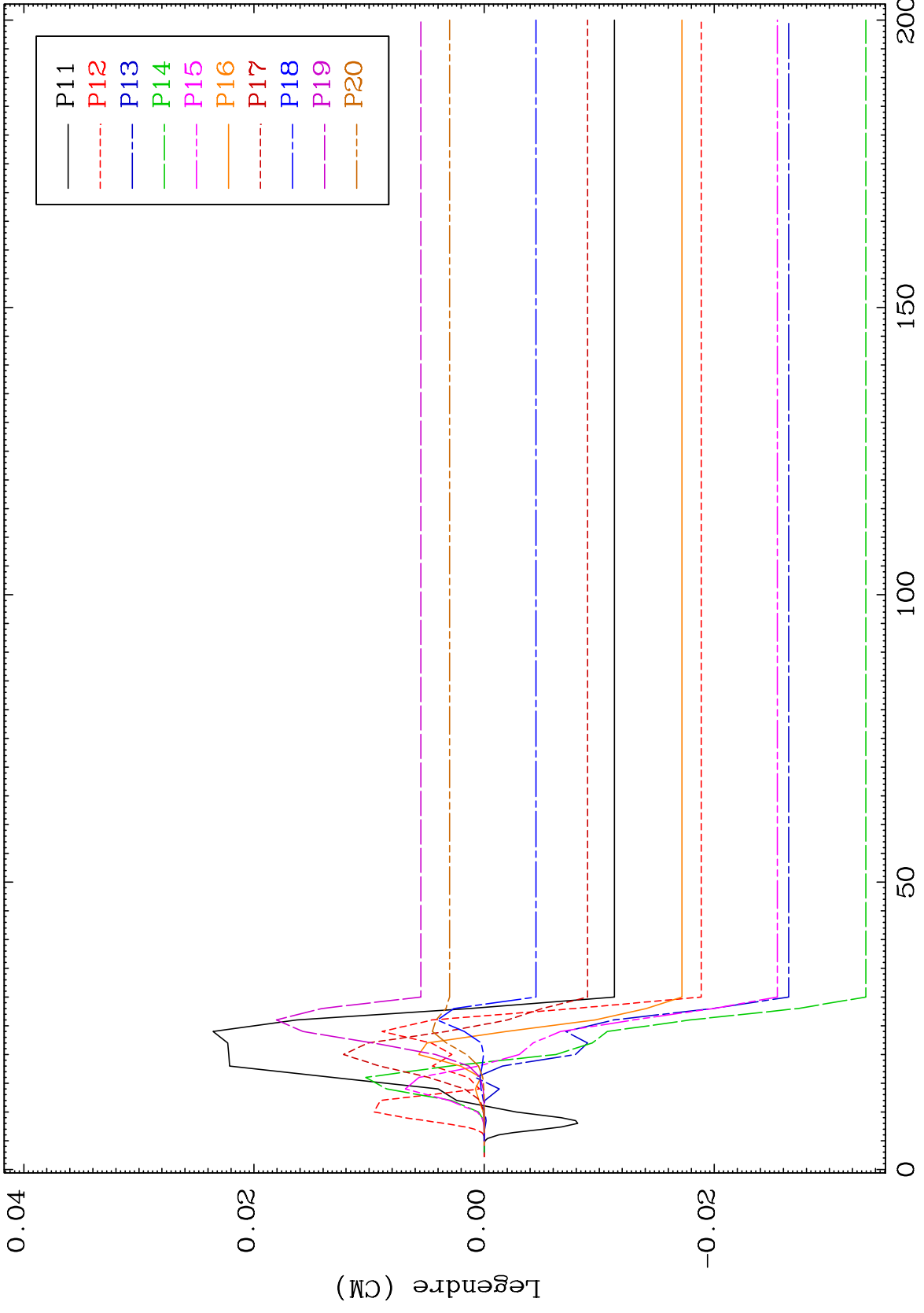
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



61

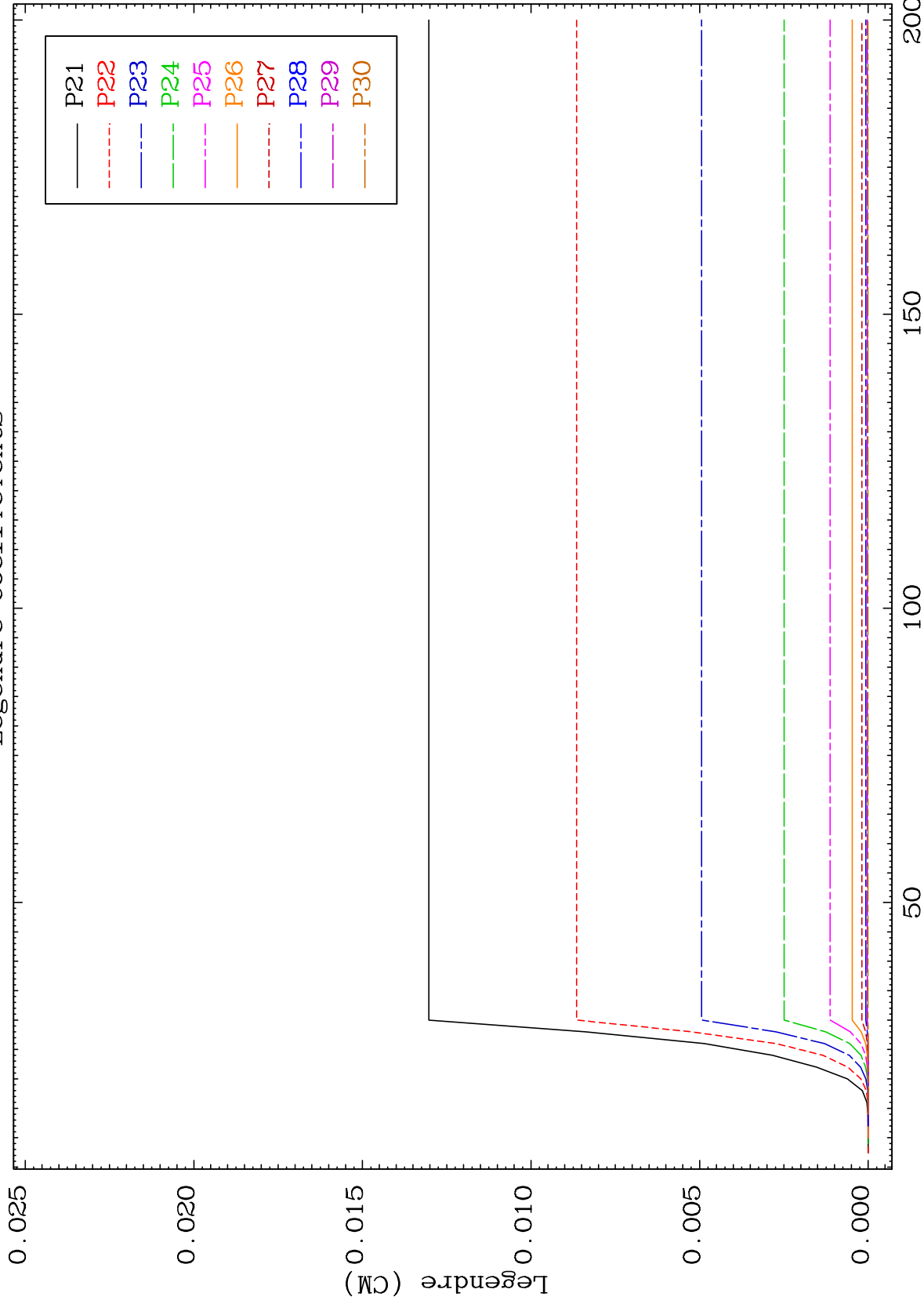
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



62

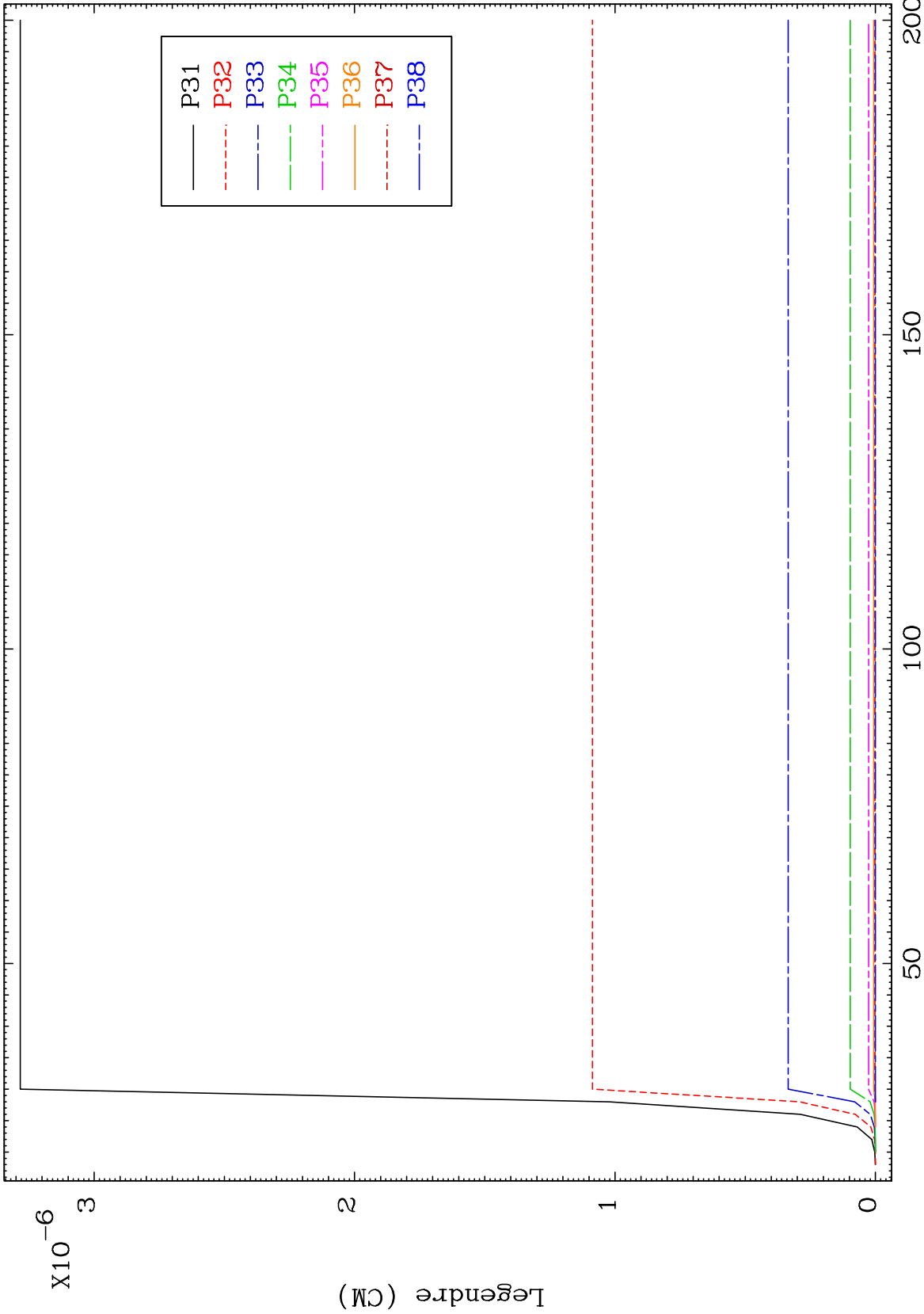
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



63

Incident Energy (MeV)

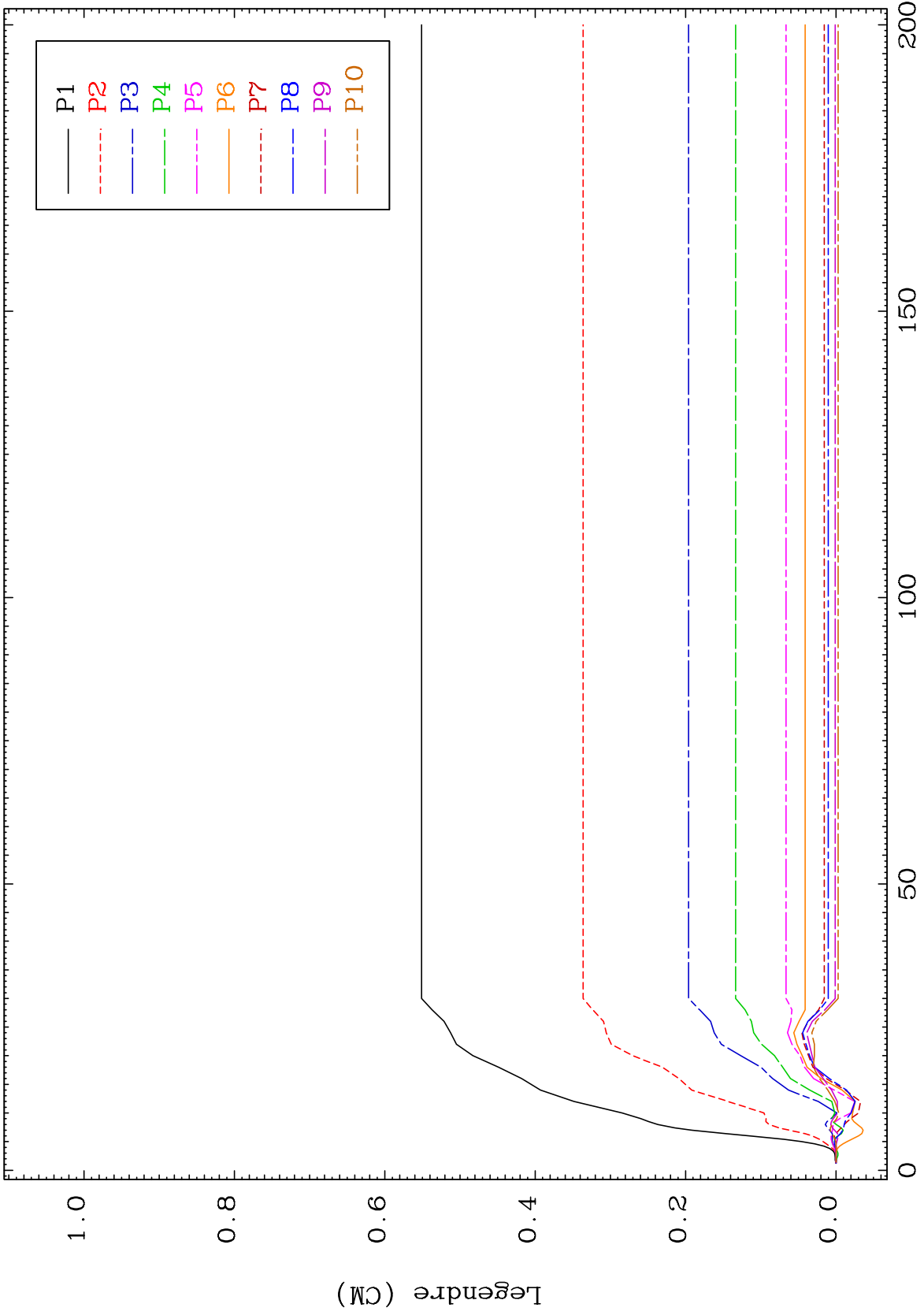
85-At-209



MAT 8543

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

85-At-209



64

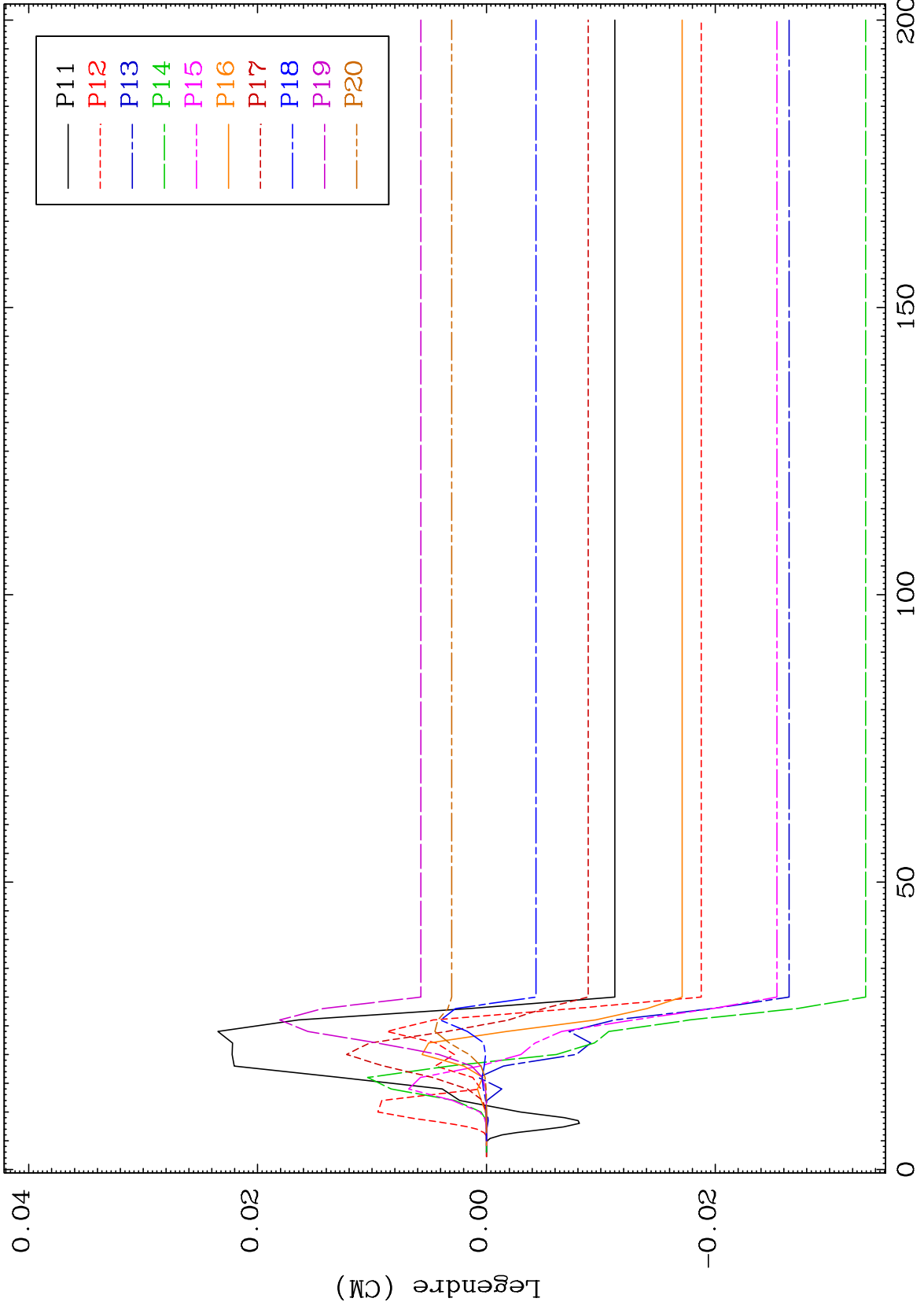
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



65

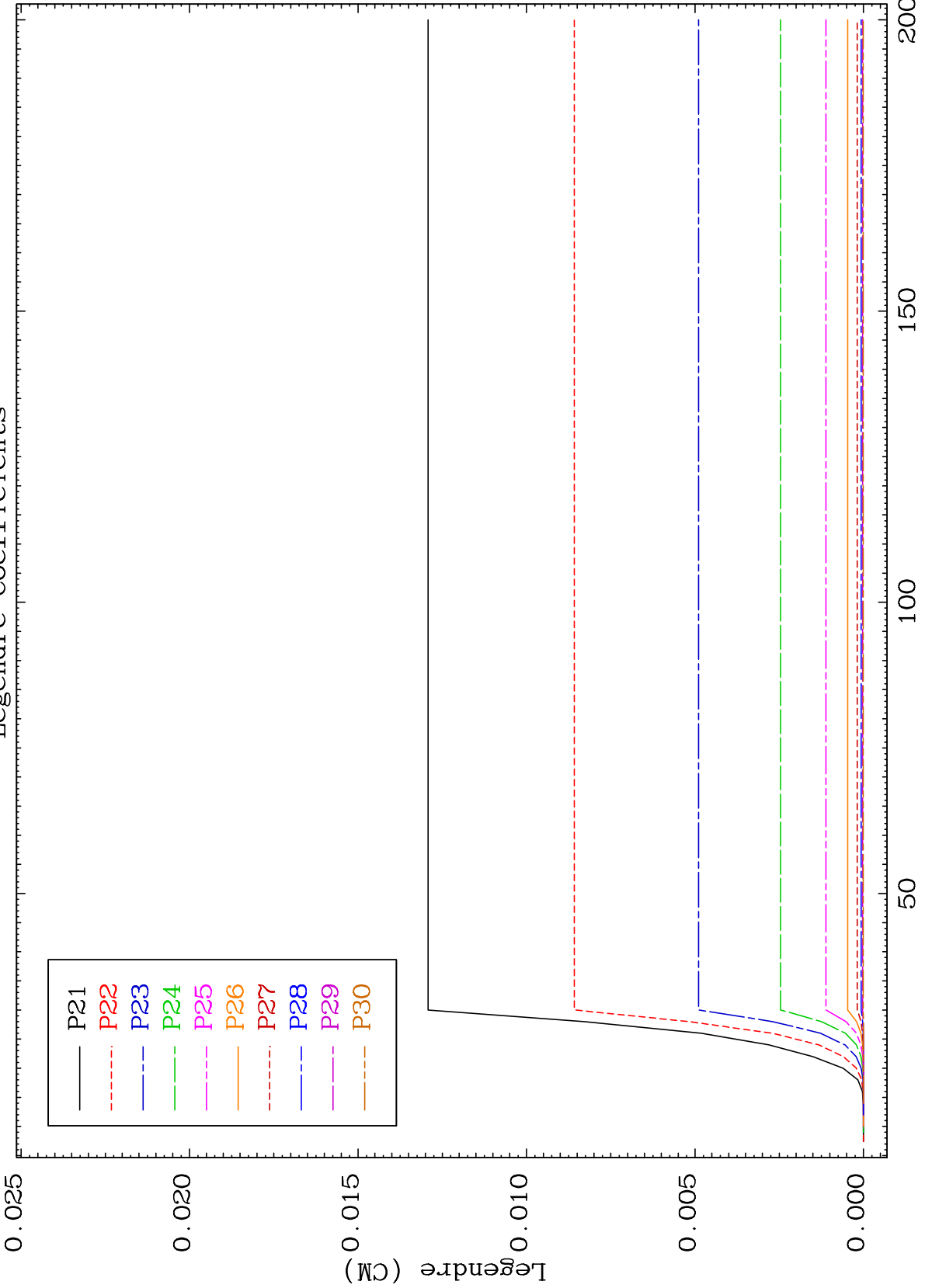
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



66

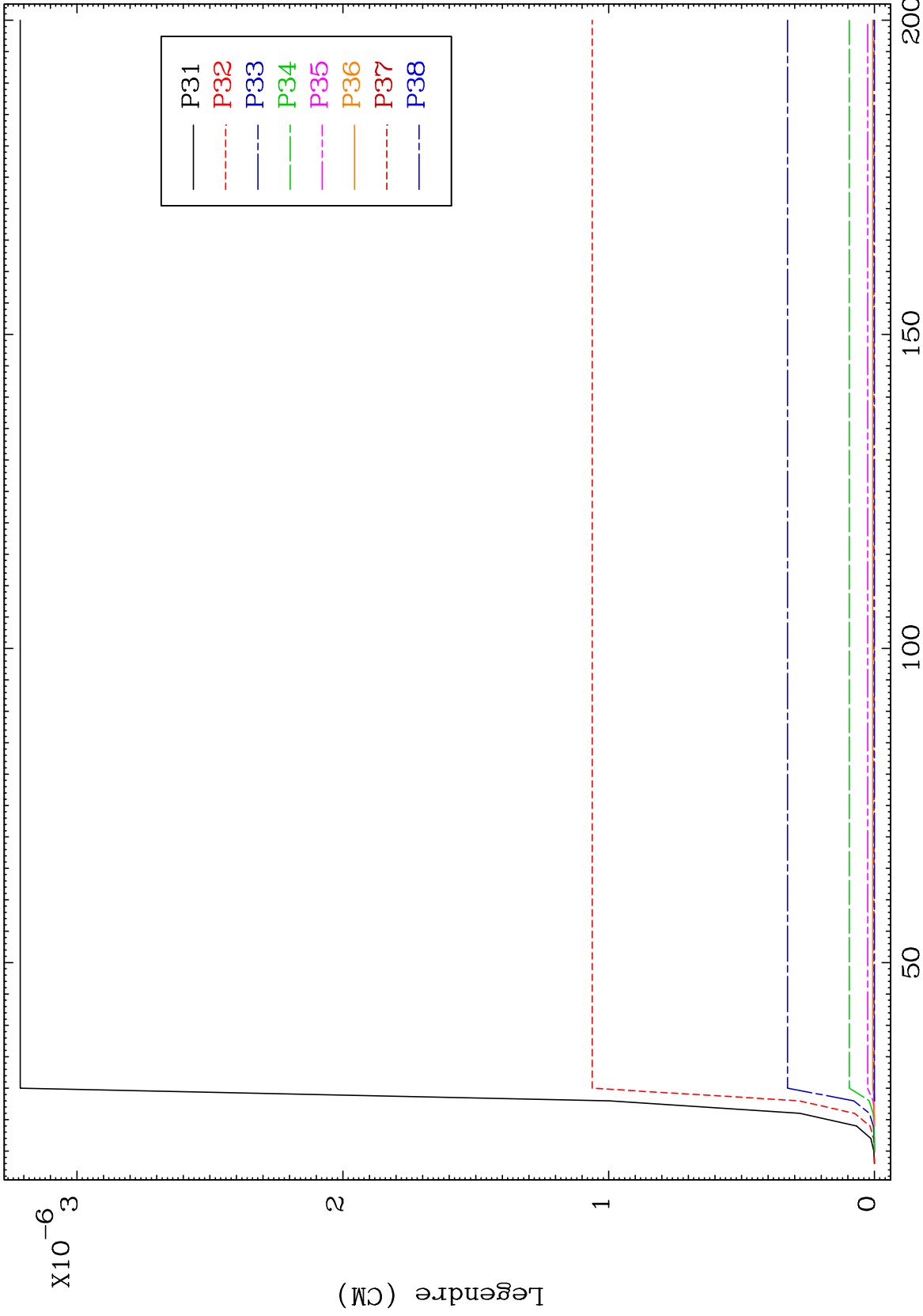
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



67

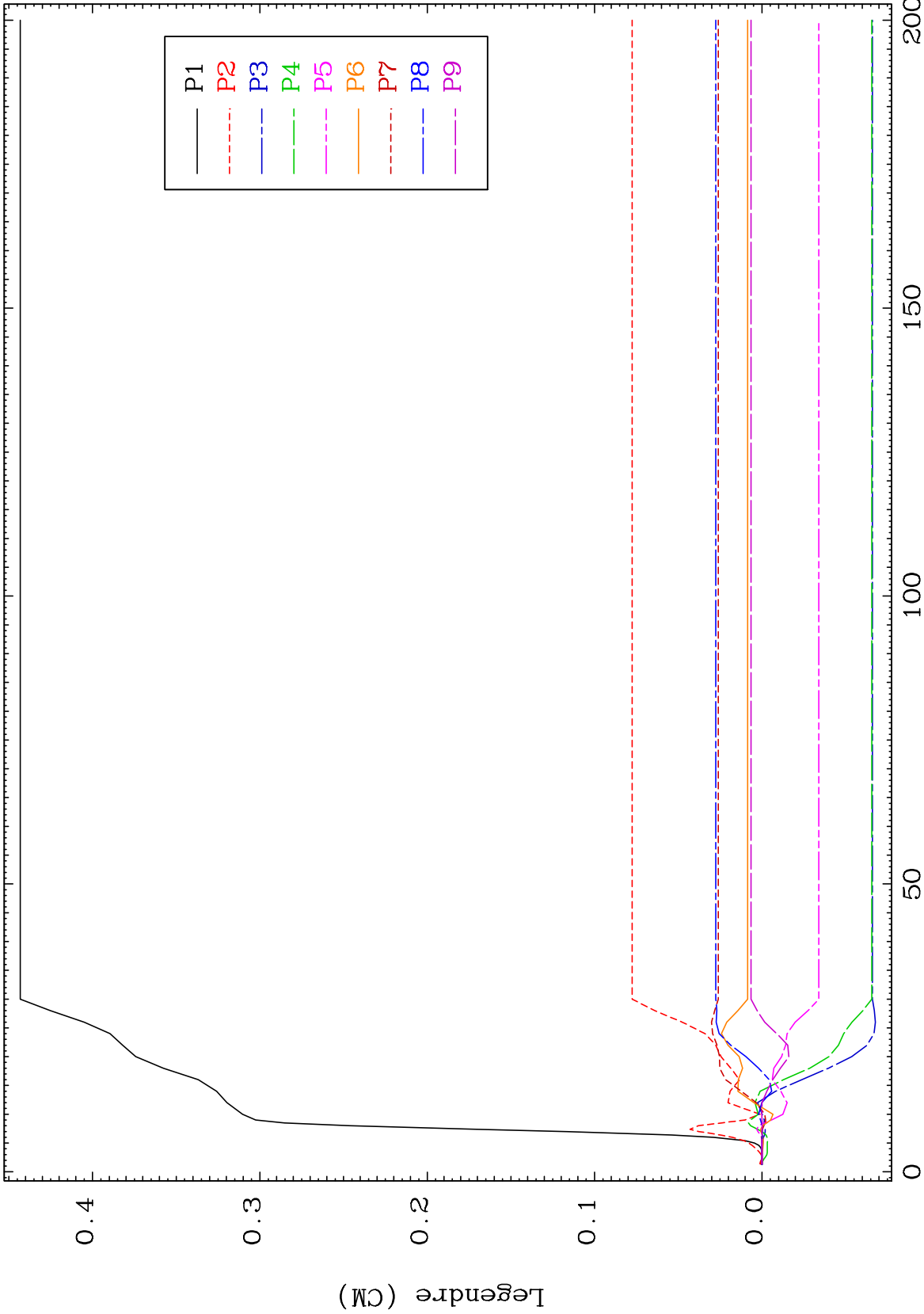
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



68

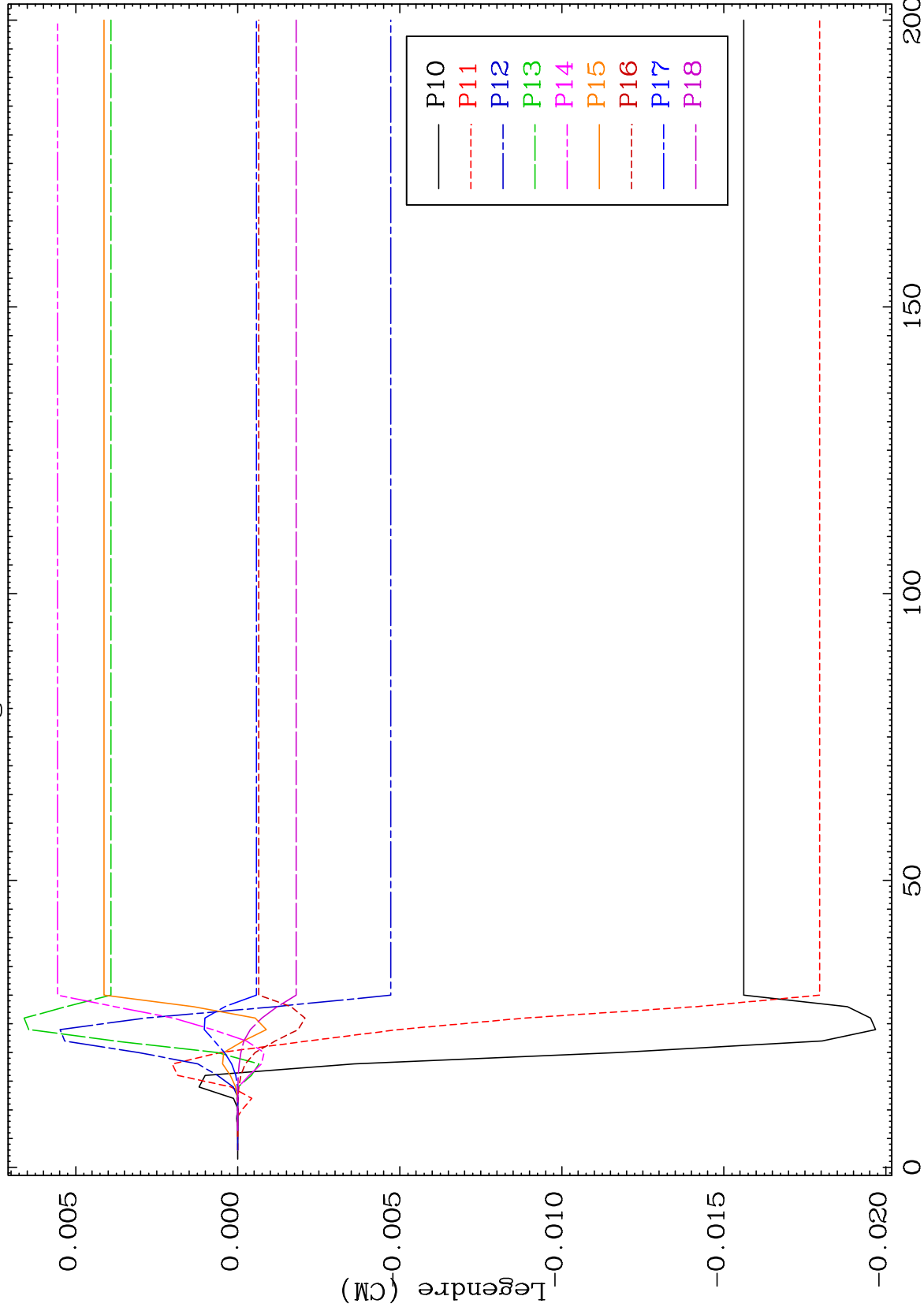
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



69

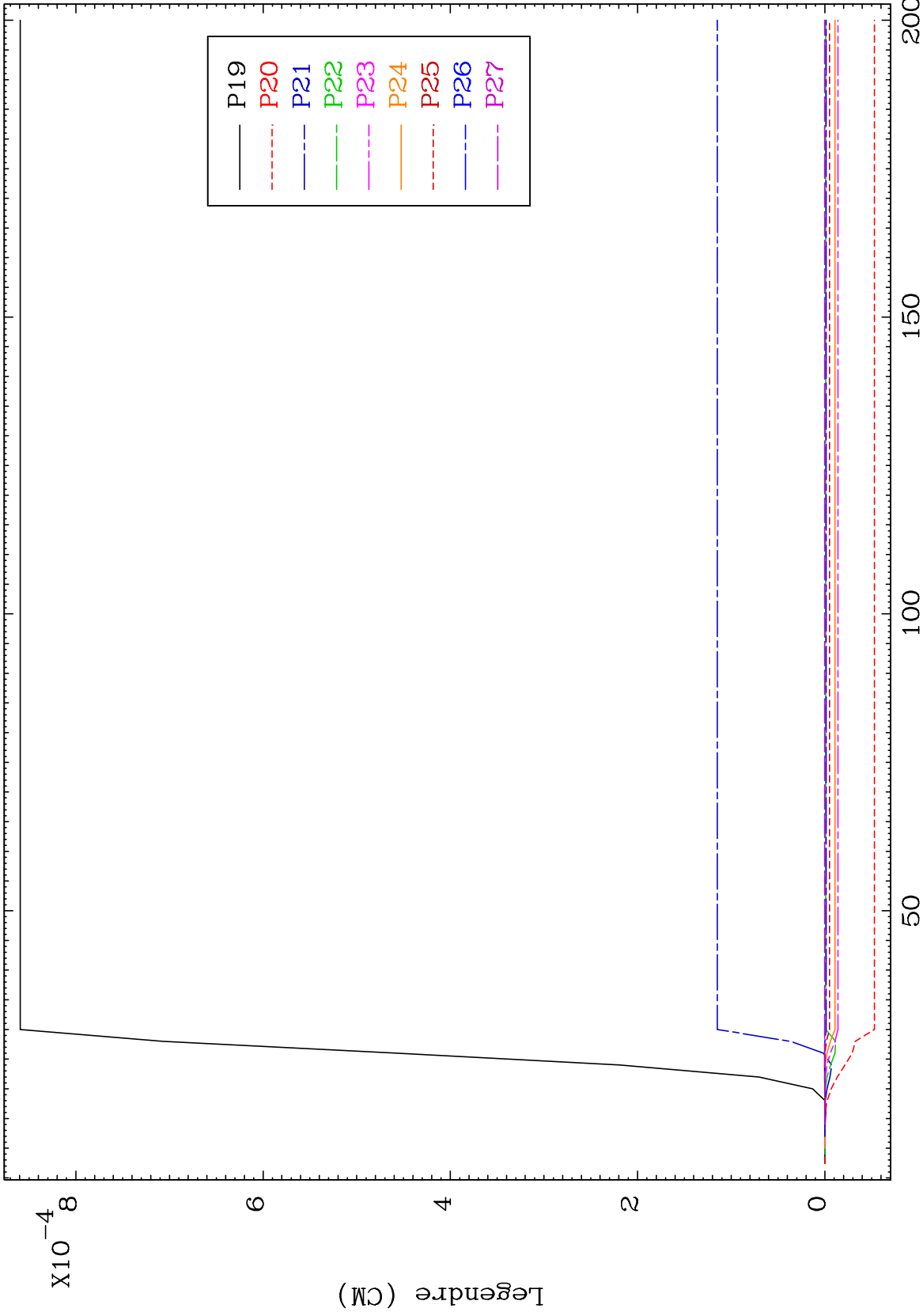
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



70

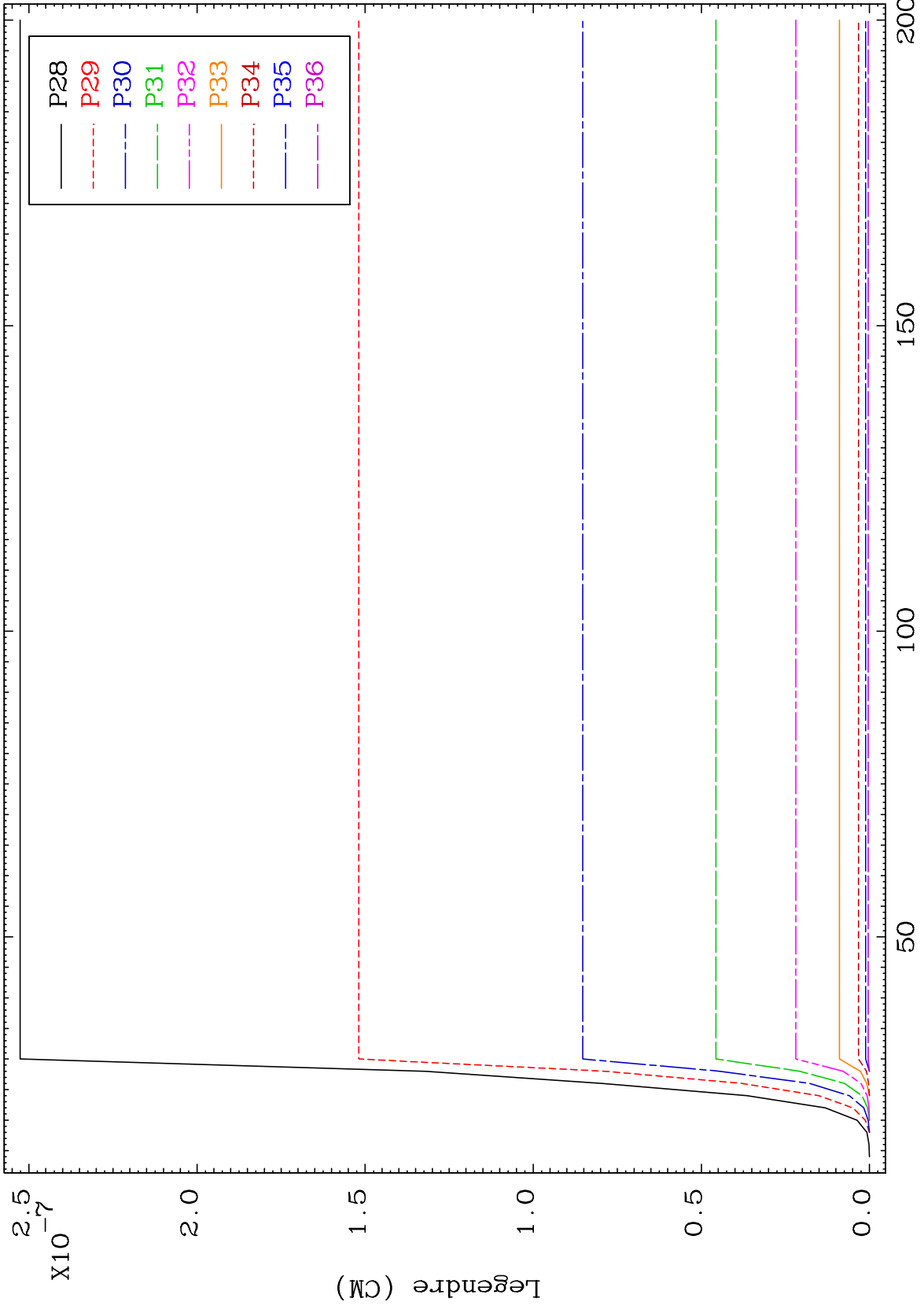
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



71

Incident Energy (MeV)

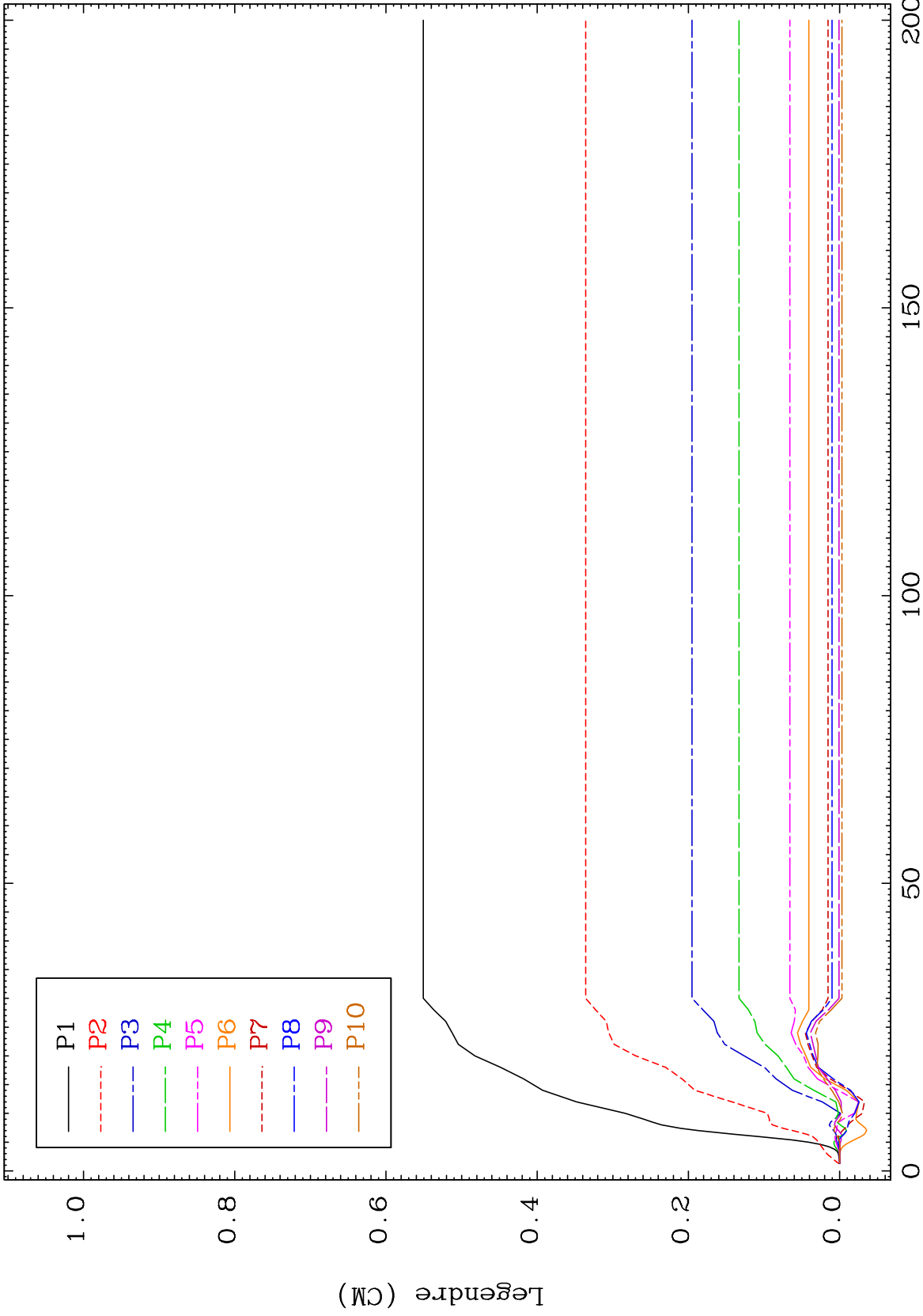
85-At-209



MAT 8543

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

85-At-209



72

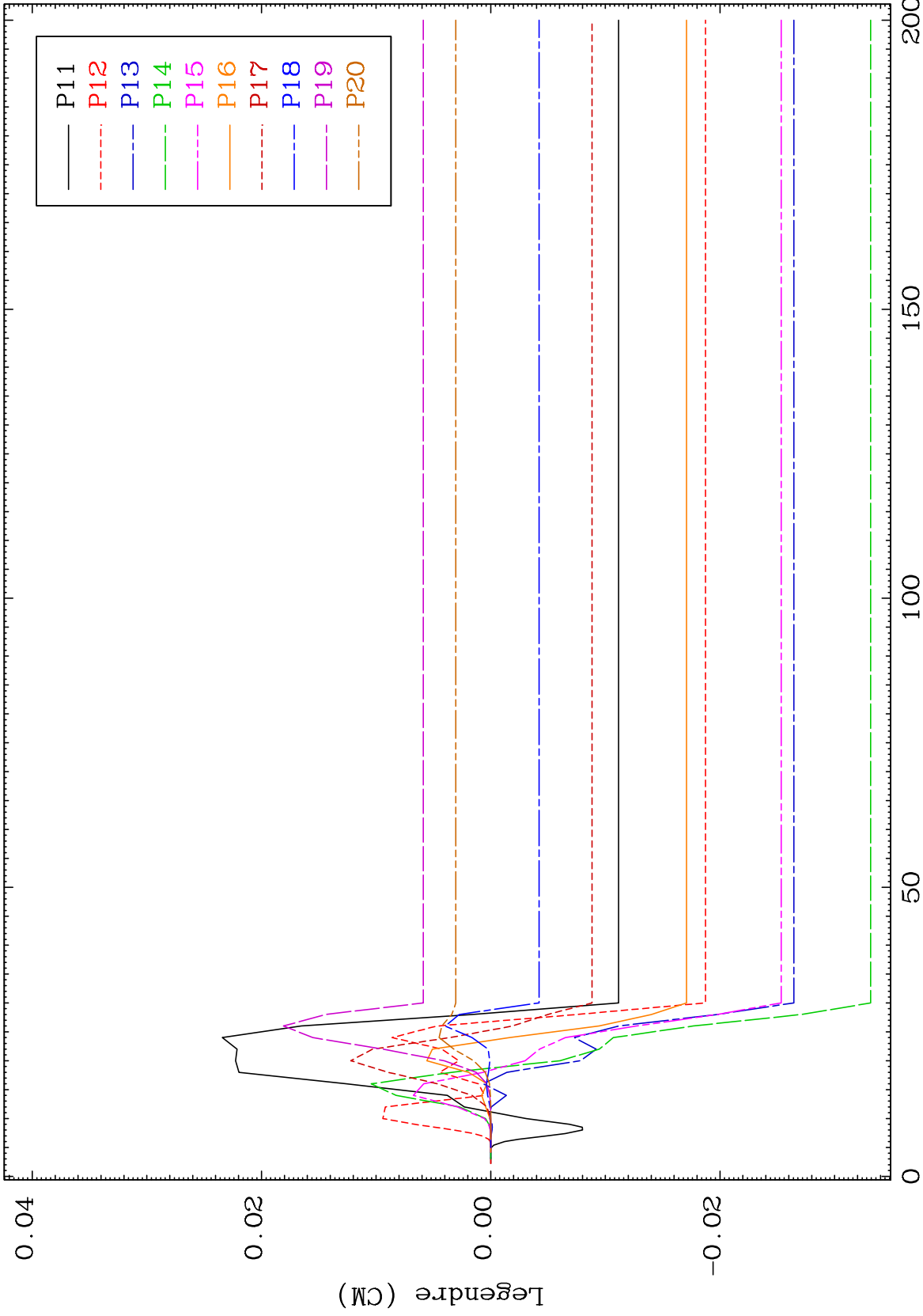
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



73

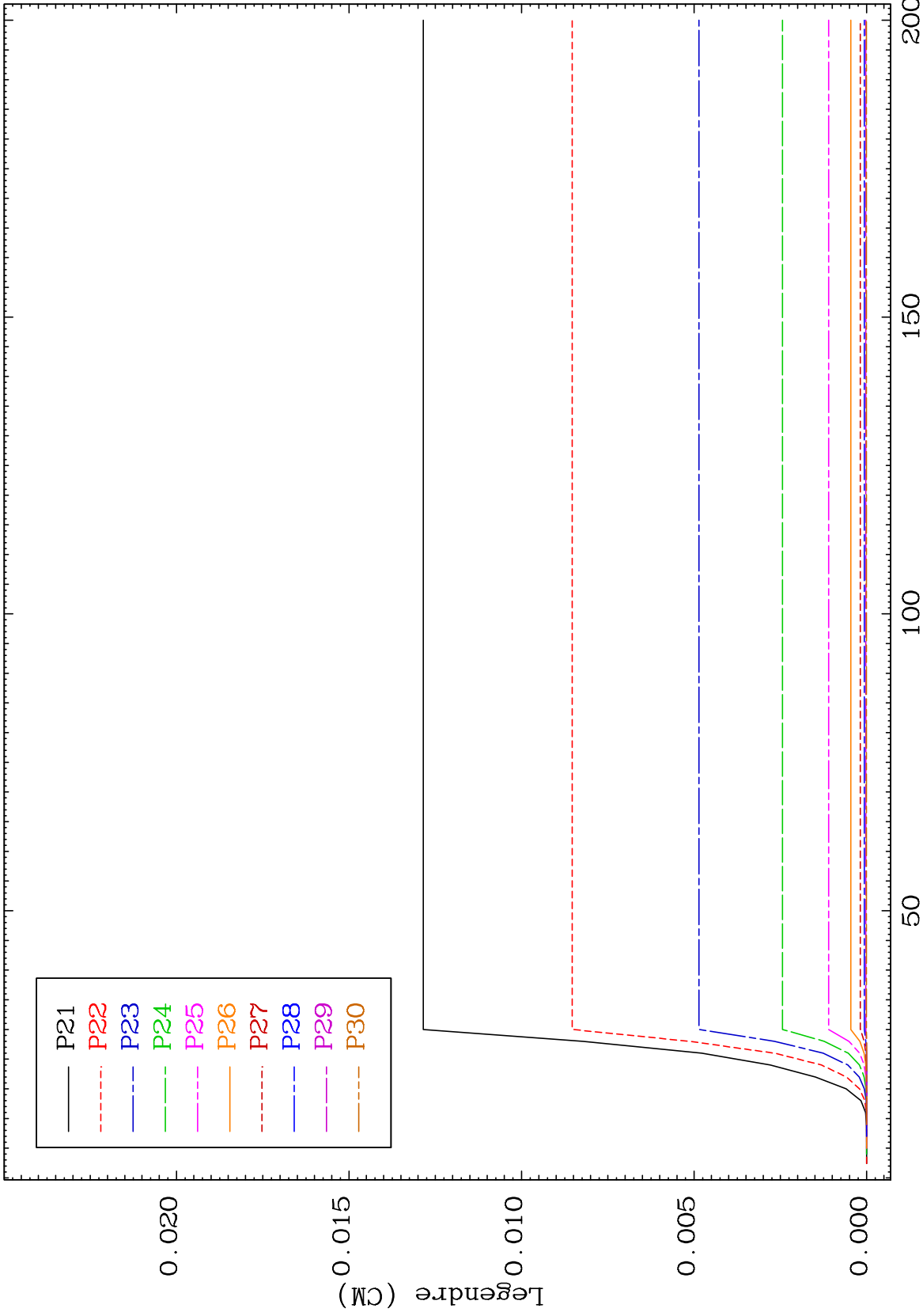
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



74

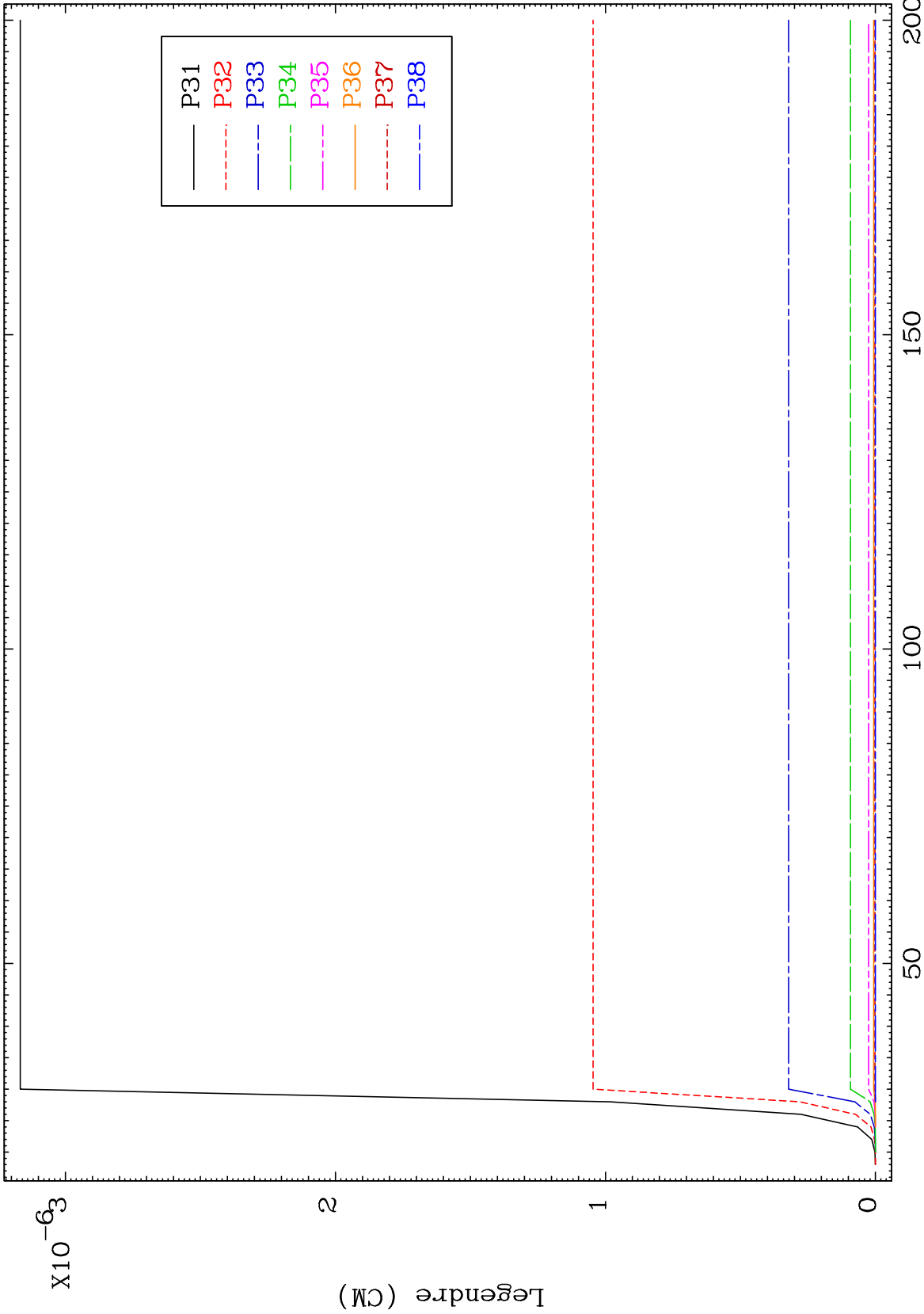
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



75

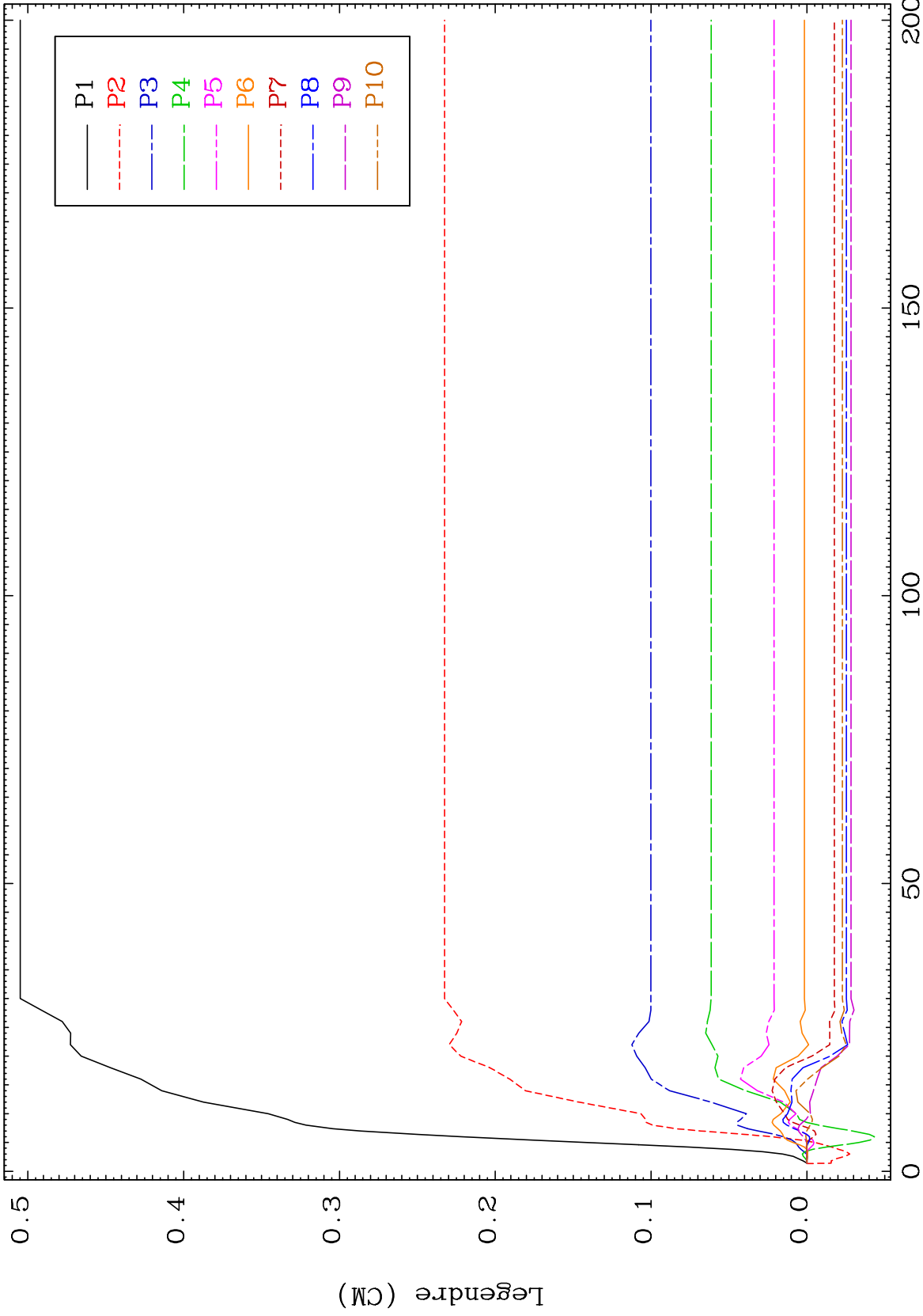
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



76

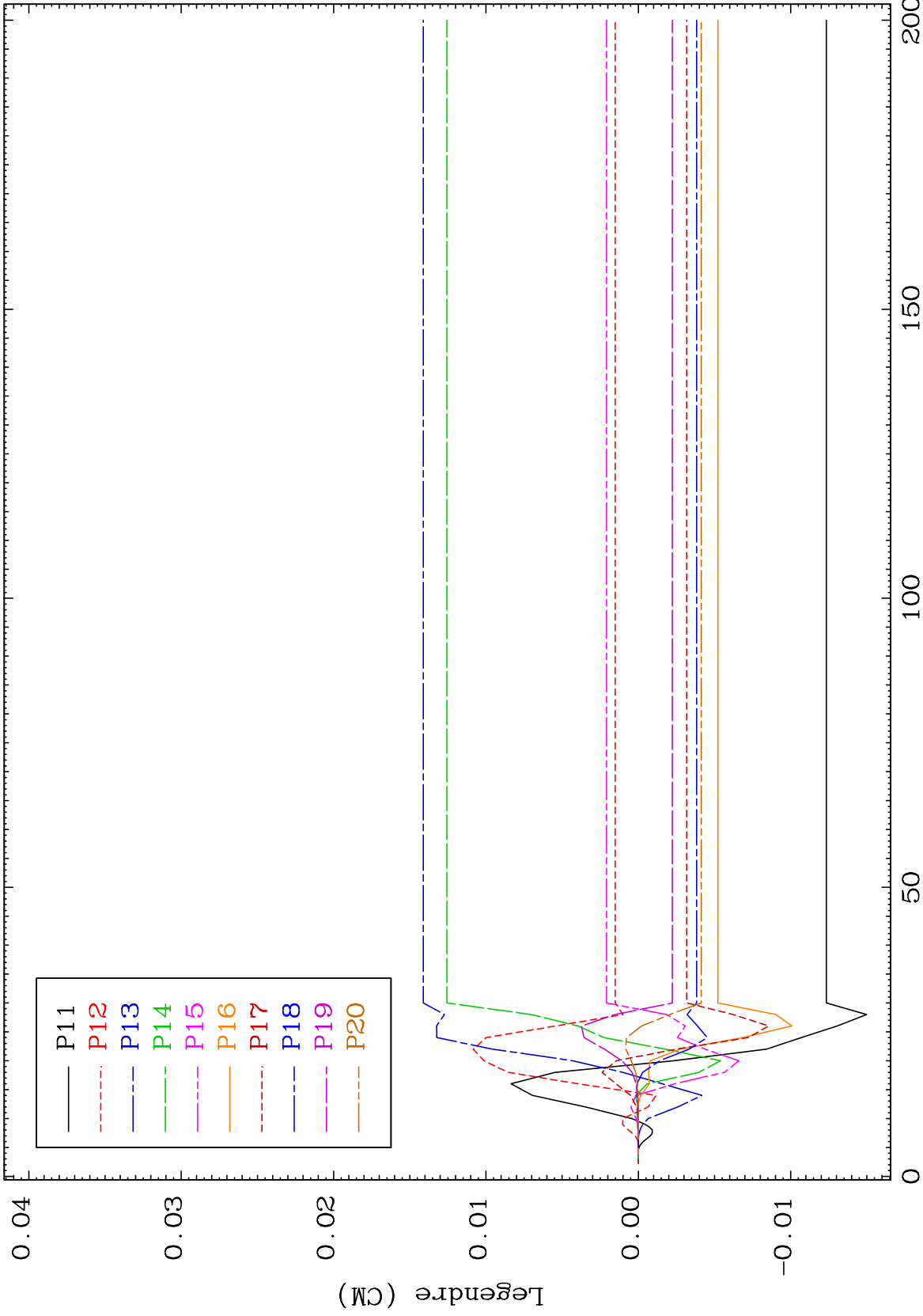
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



77

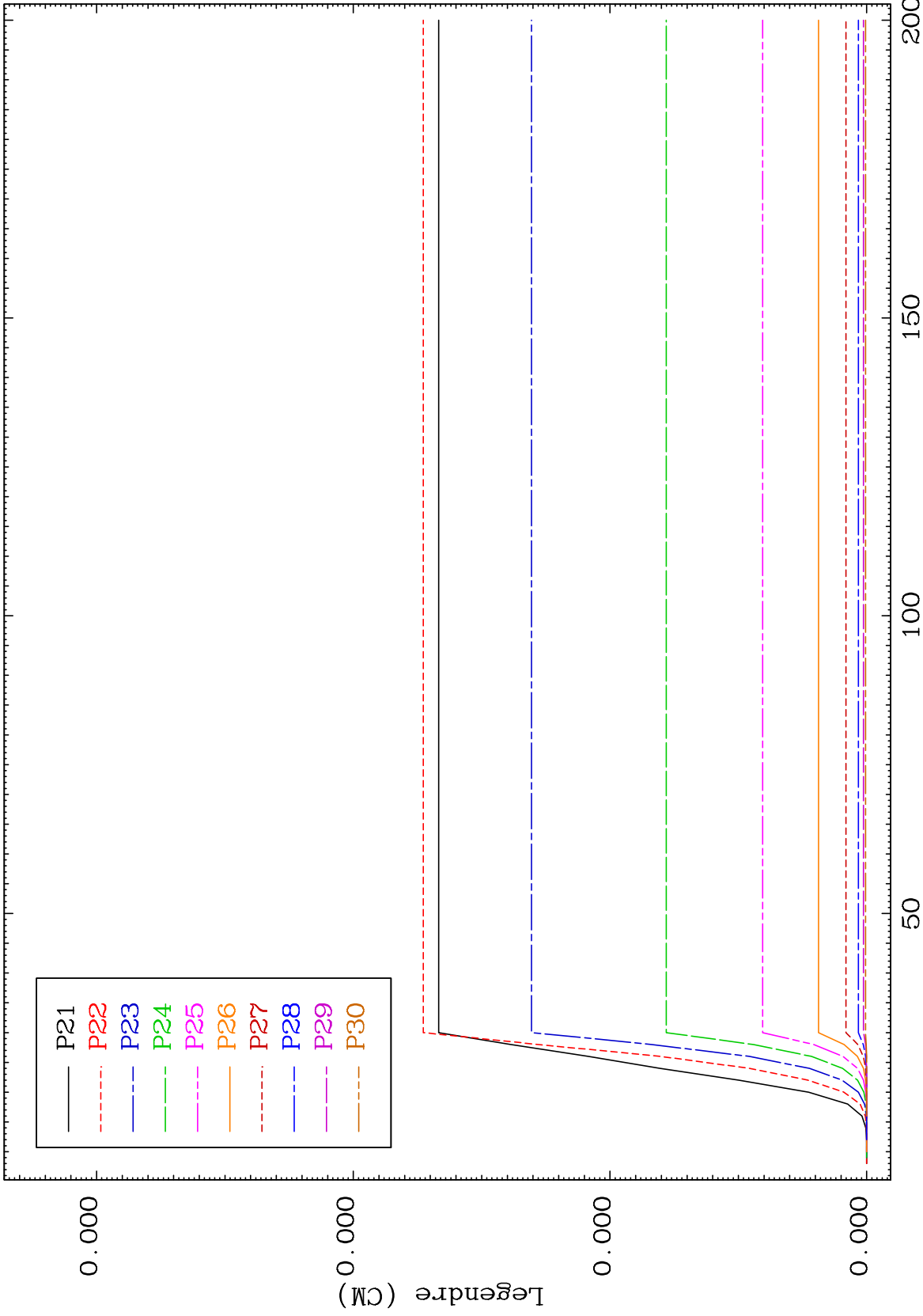
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



78

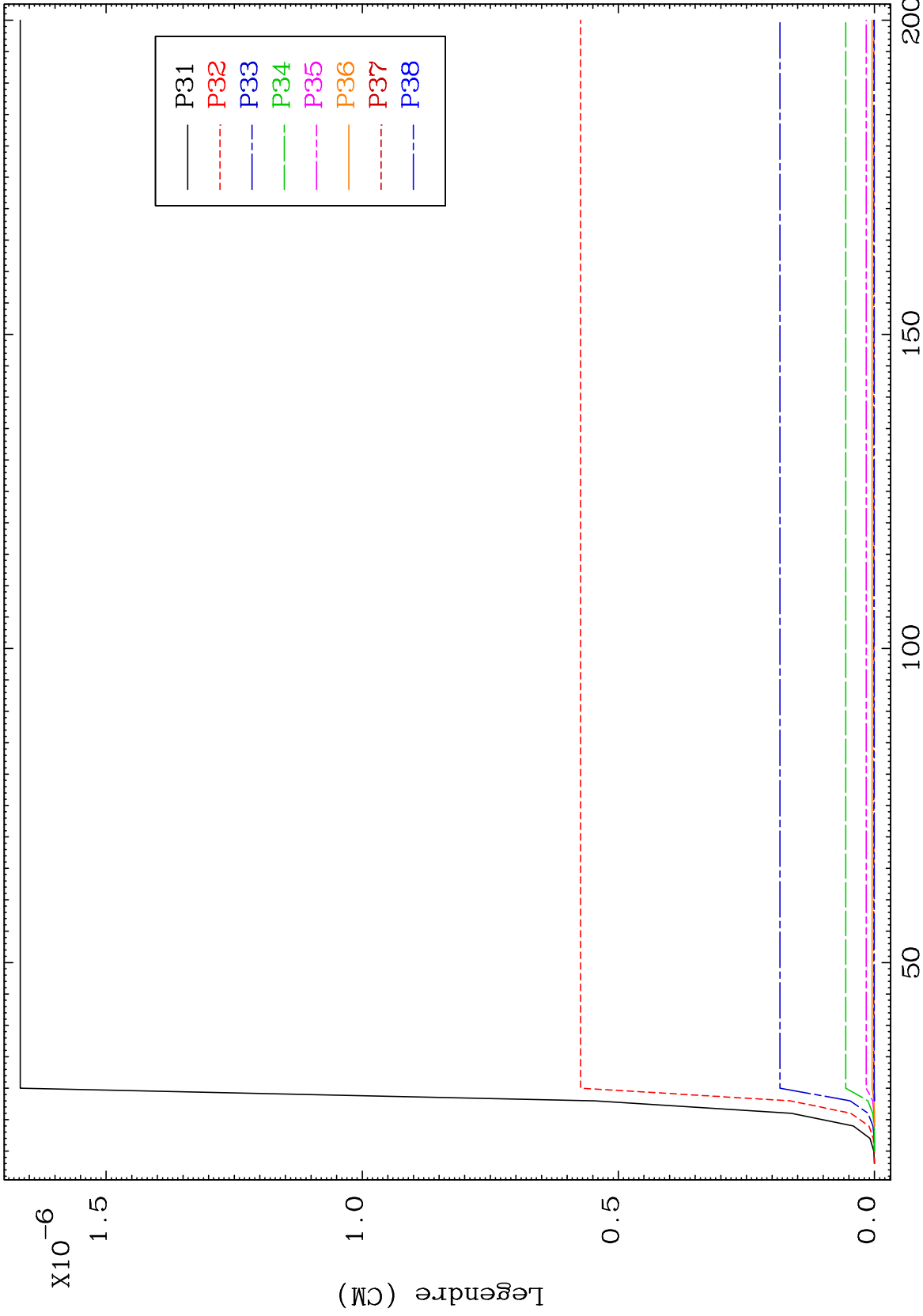
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



79

Incident Energy (MeV)

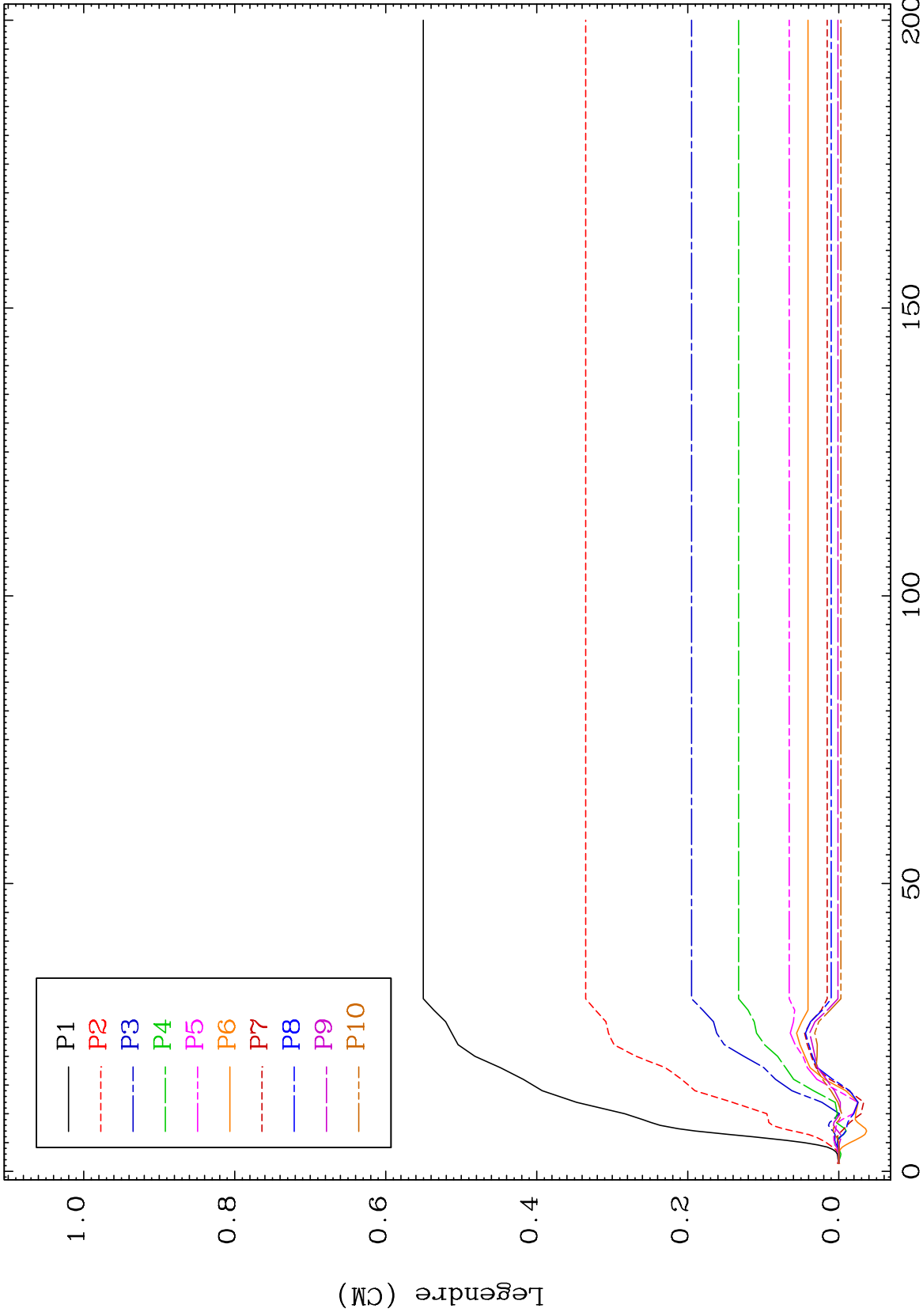
85-At-209



MAT 8543

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

85-At-209



80

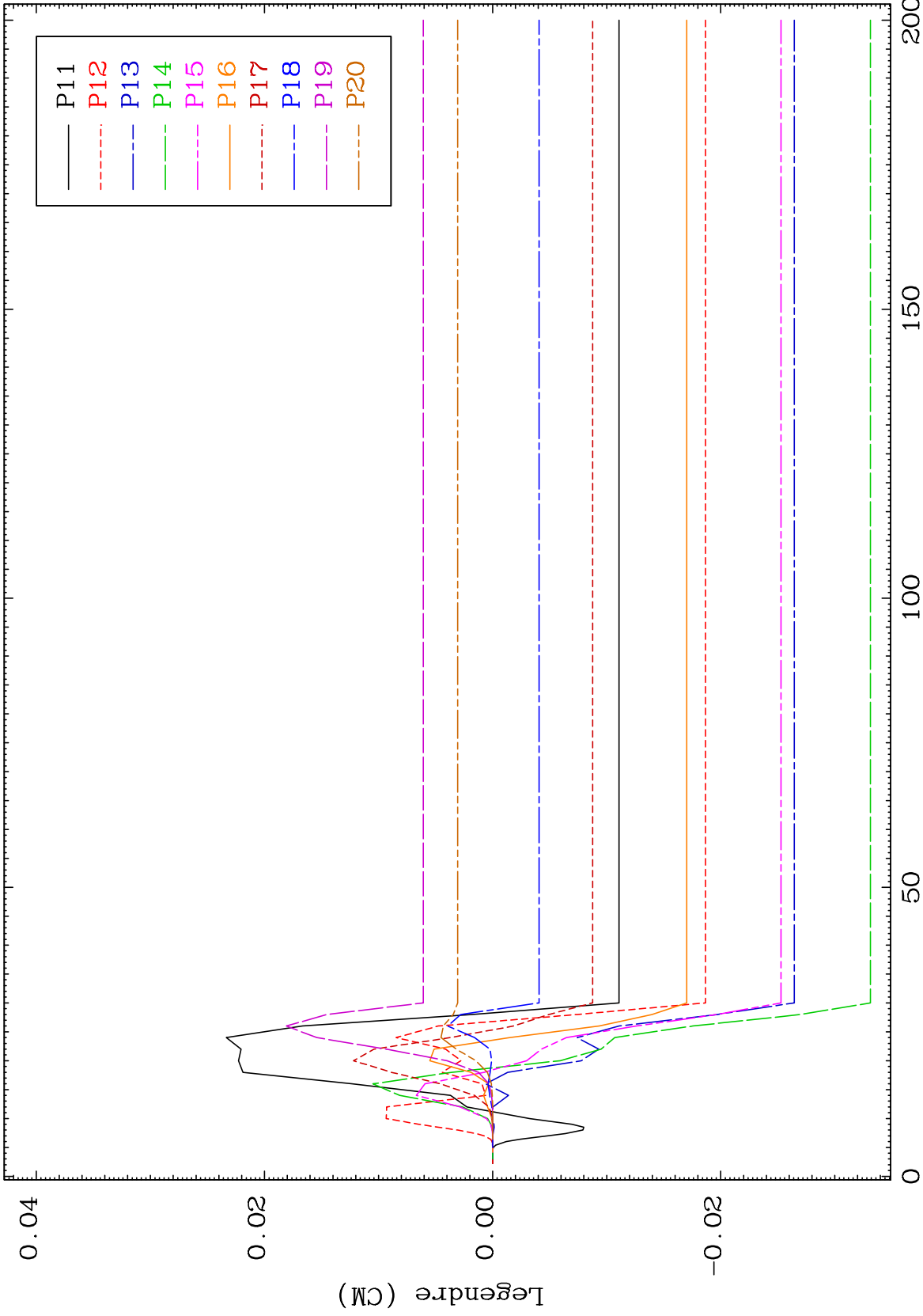
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



81

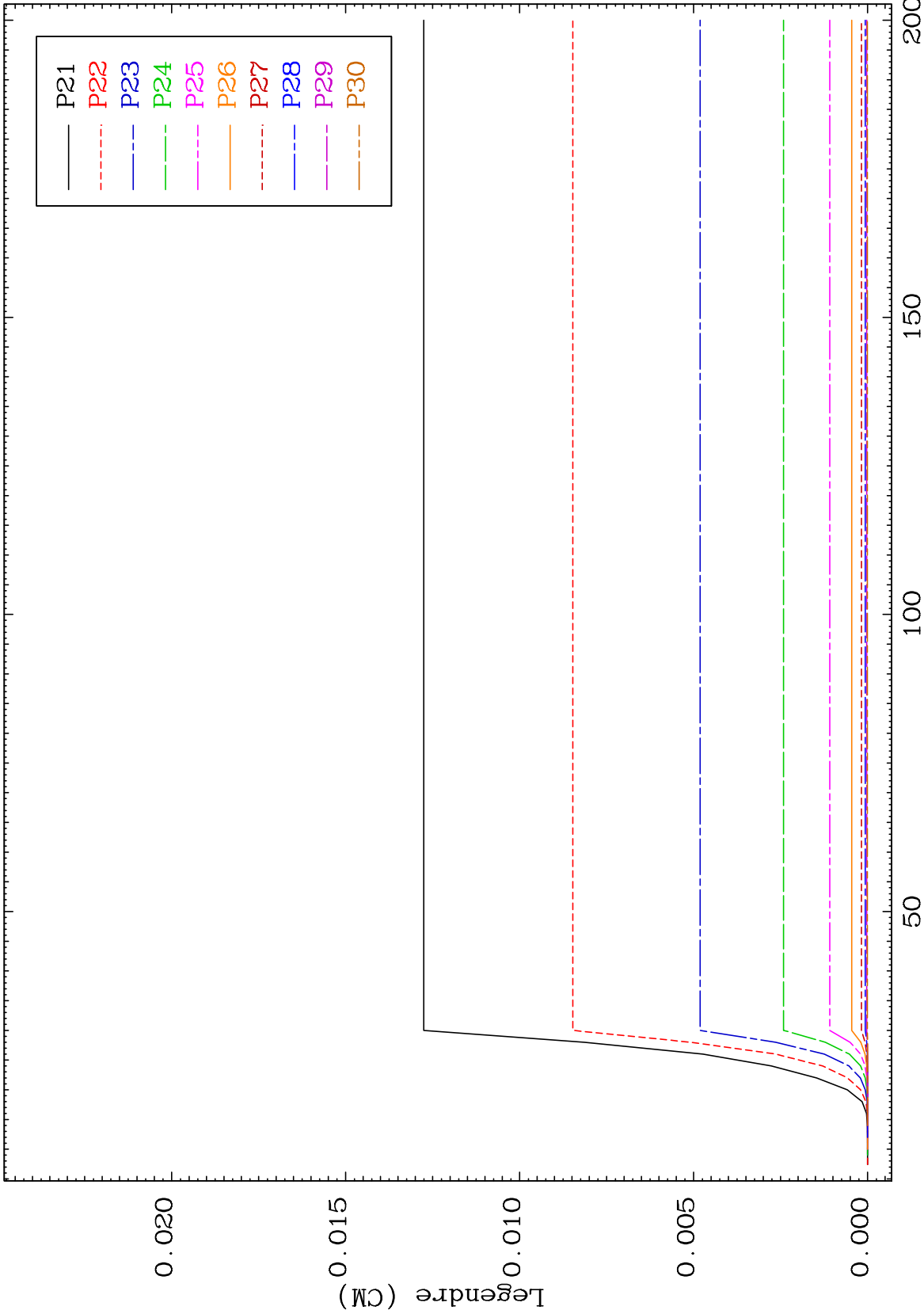
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



82

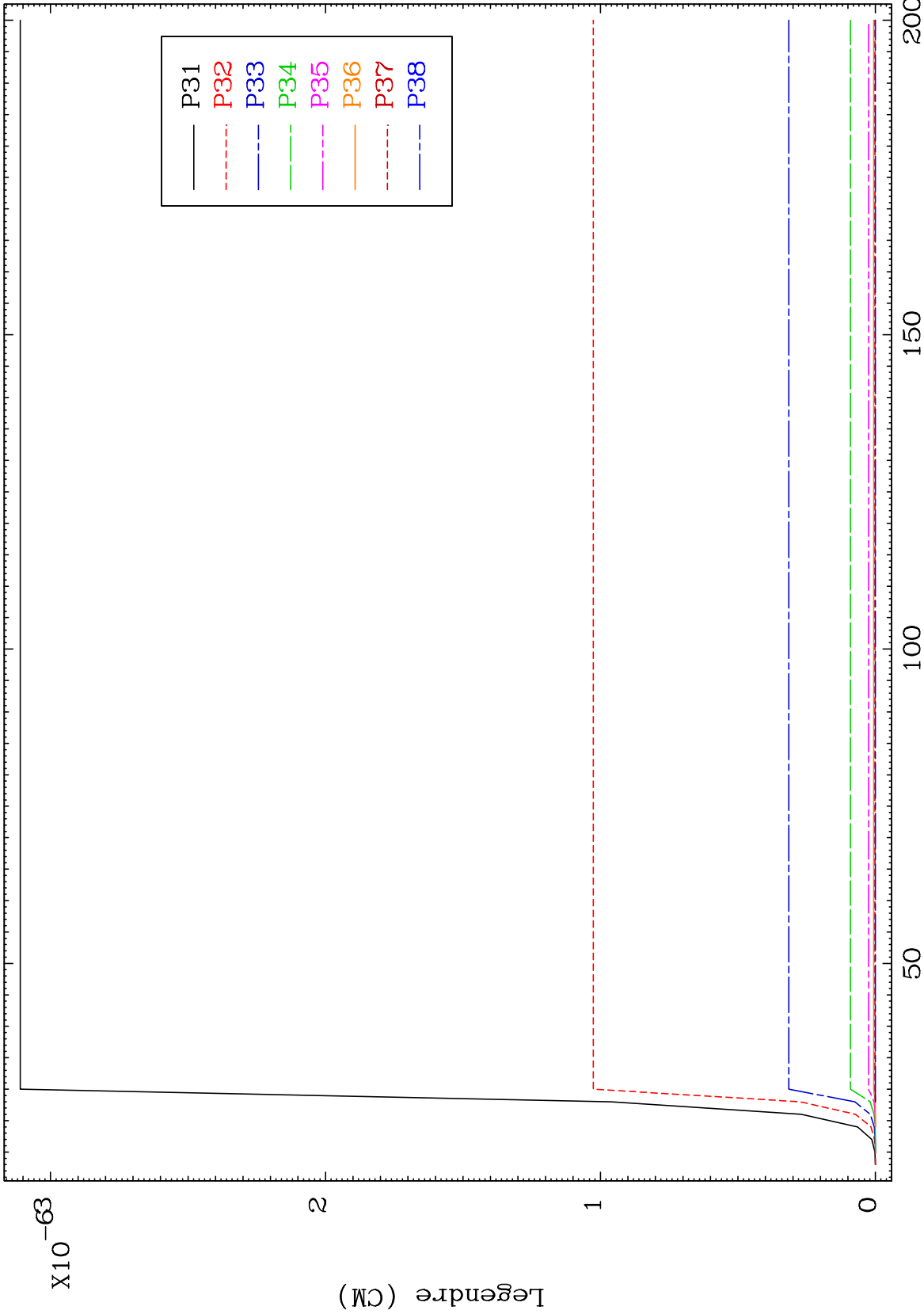
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



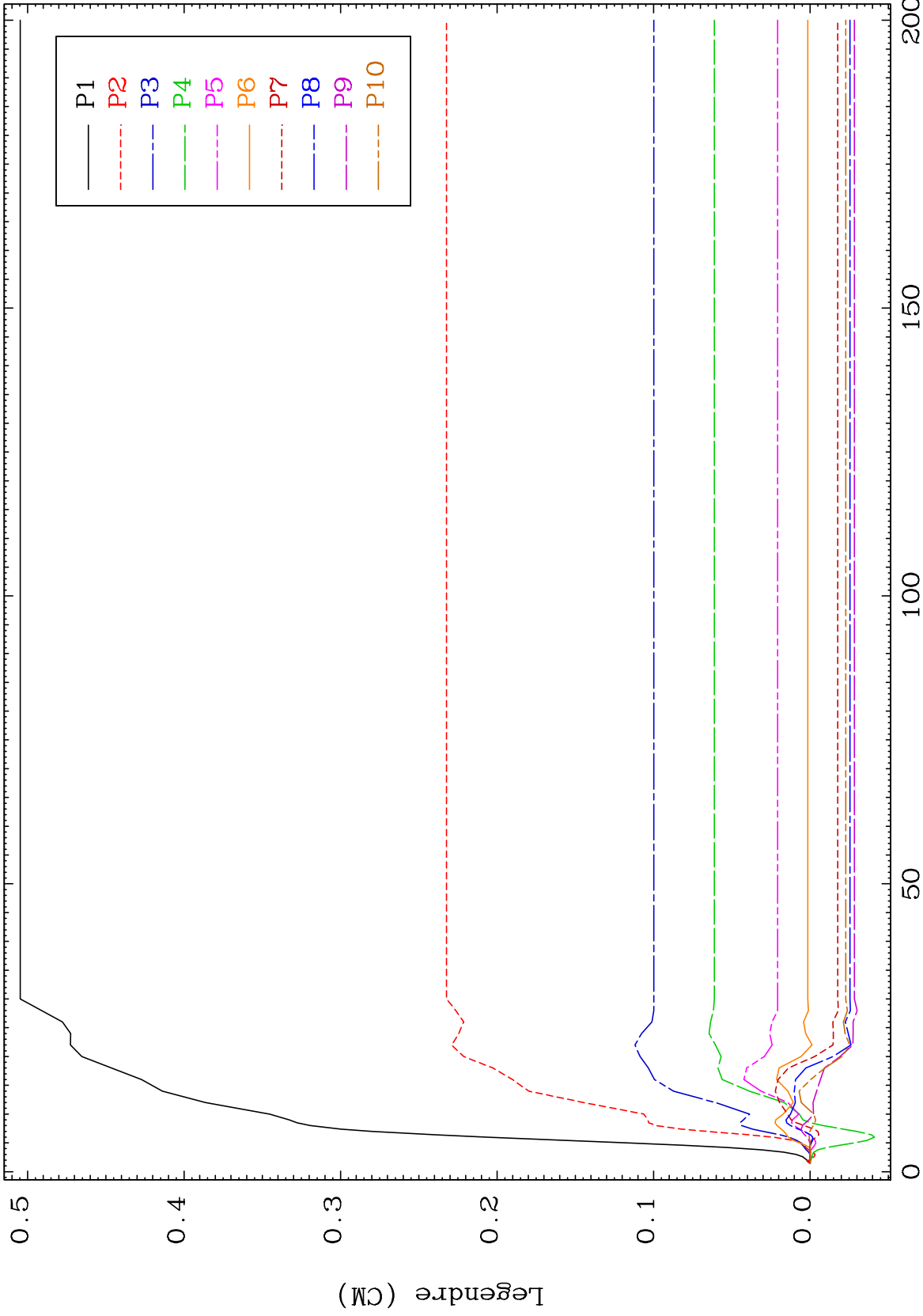
83

85-At-209

MAT 8543

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

85-At-209



84

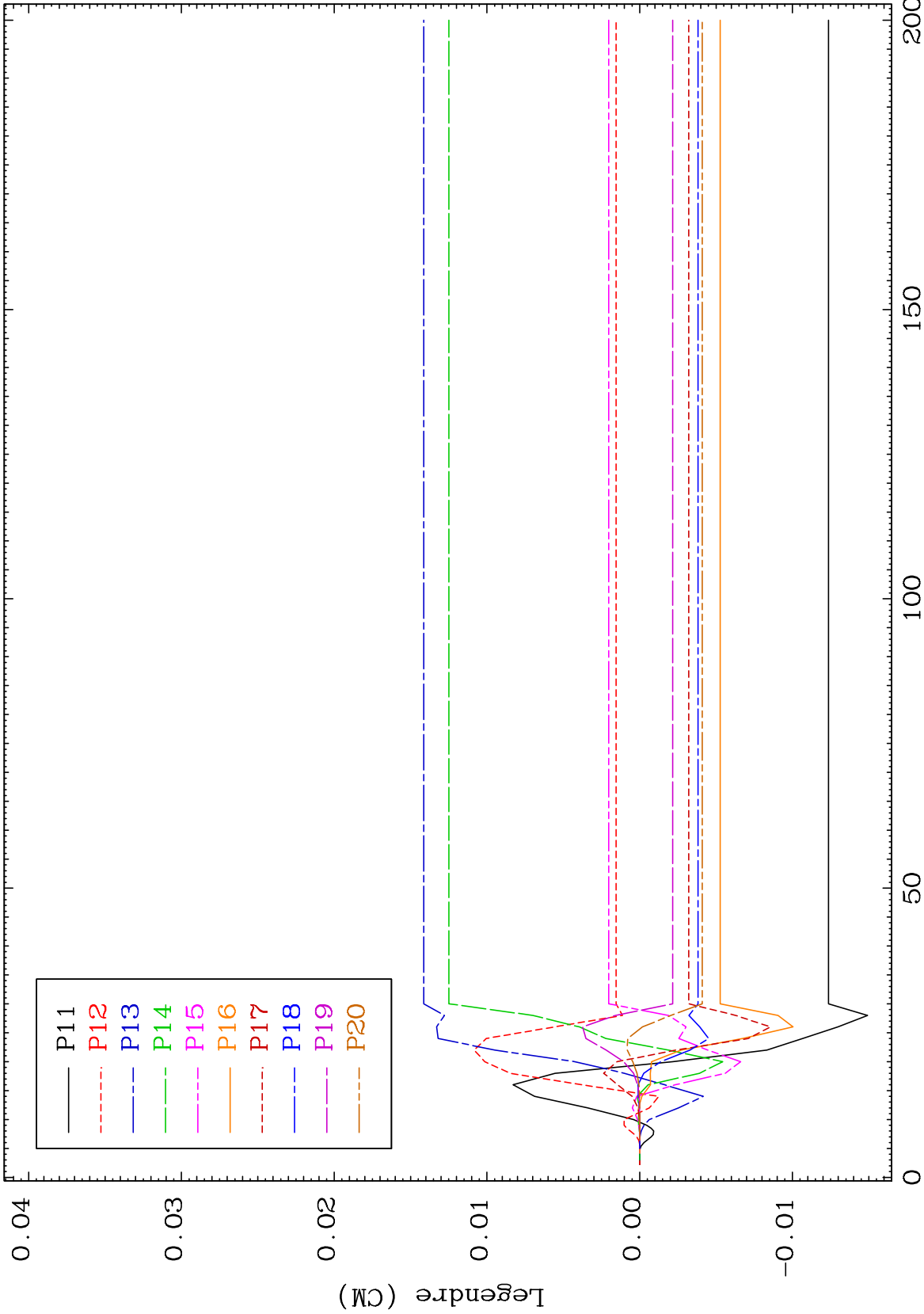
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85

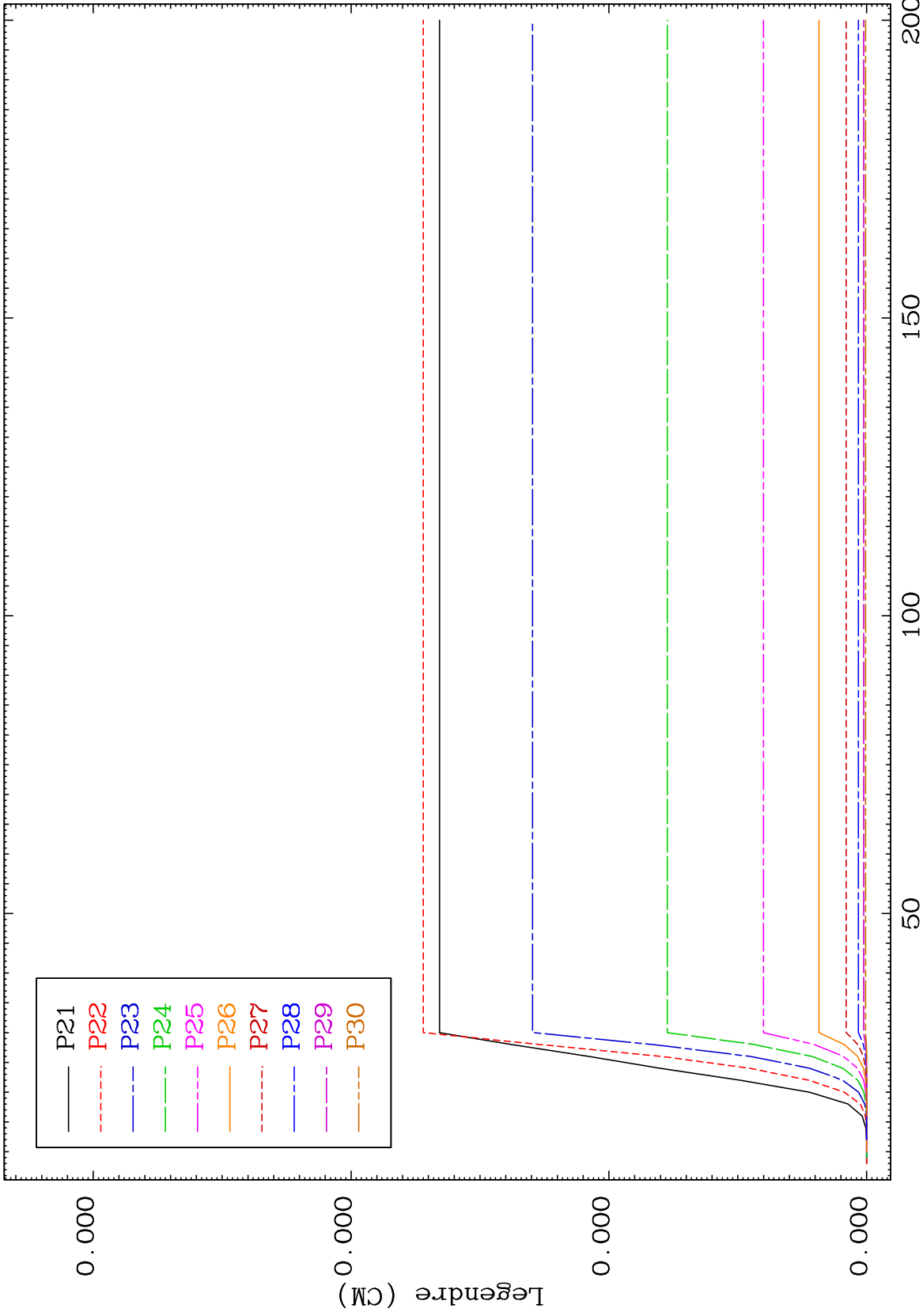
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



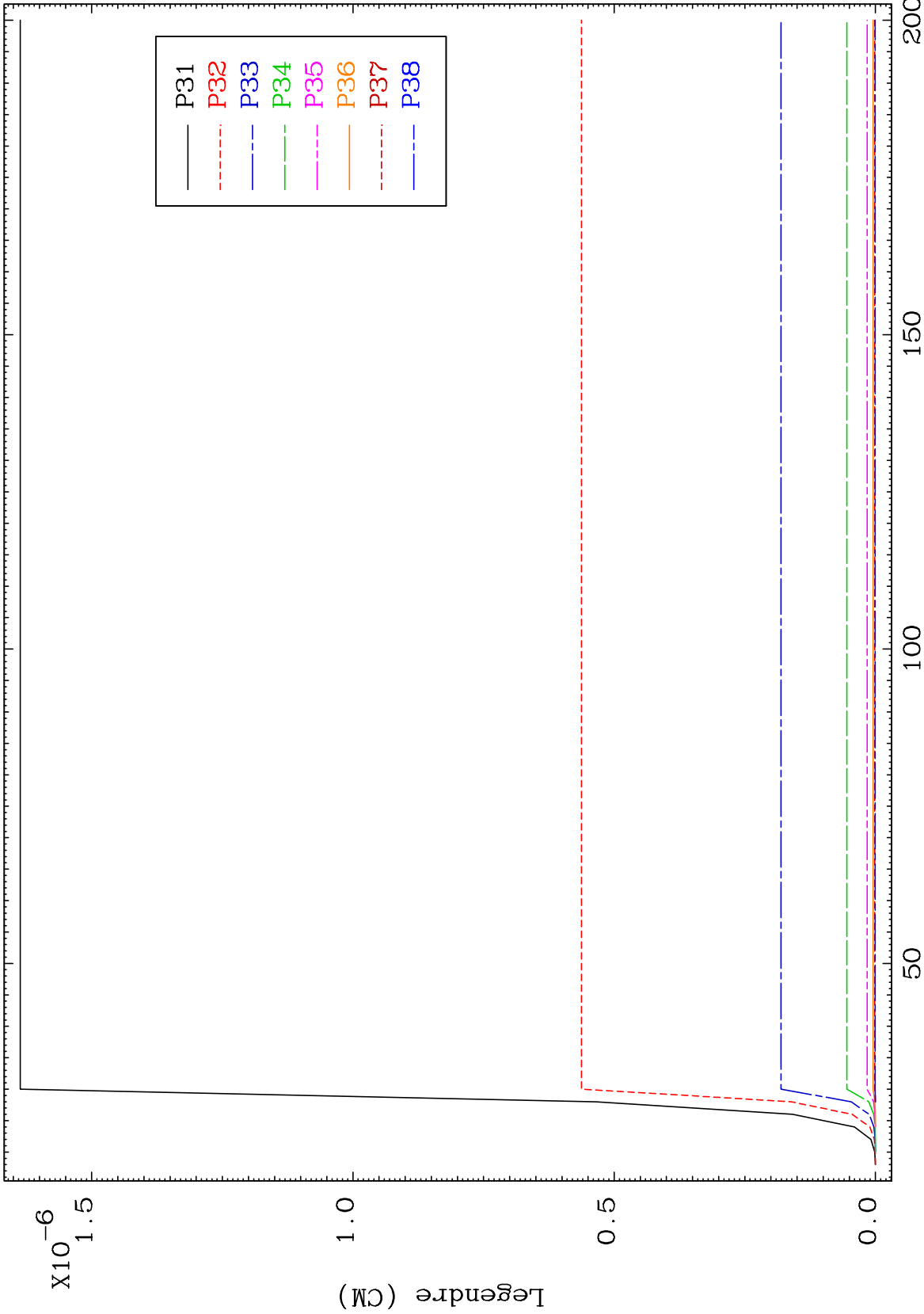
86

85-At-209

MAT 8543

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

85-At-209



87

Incident Energy (MeV)

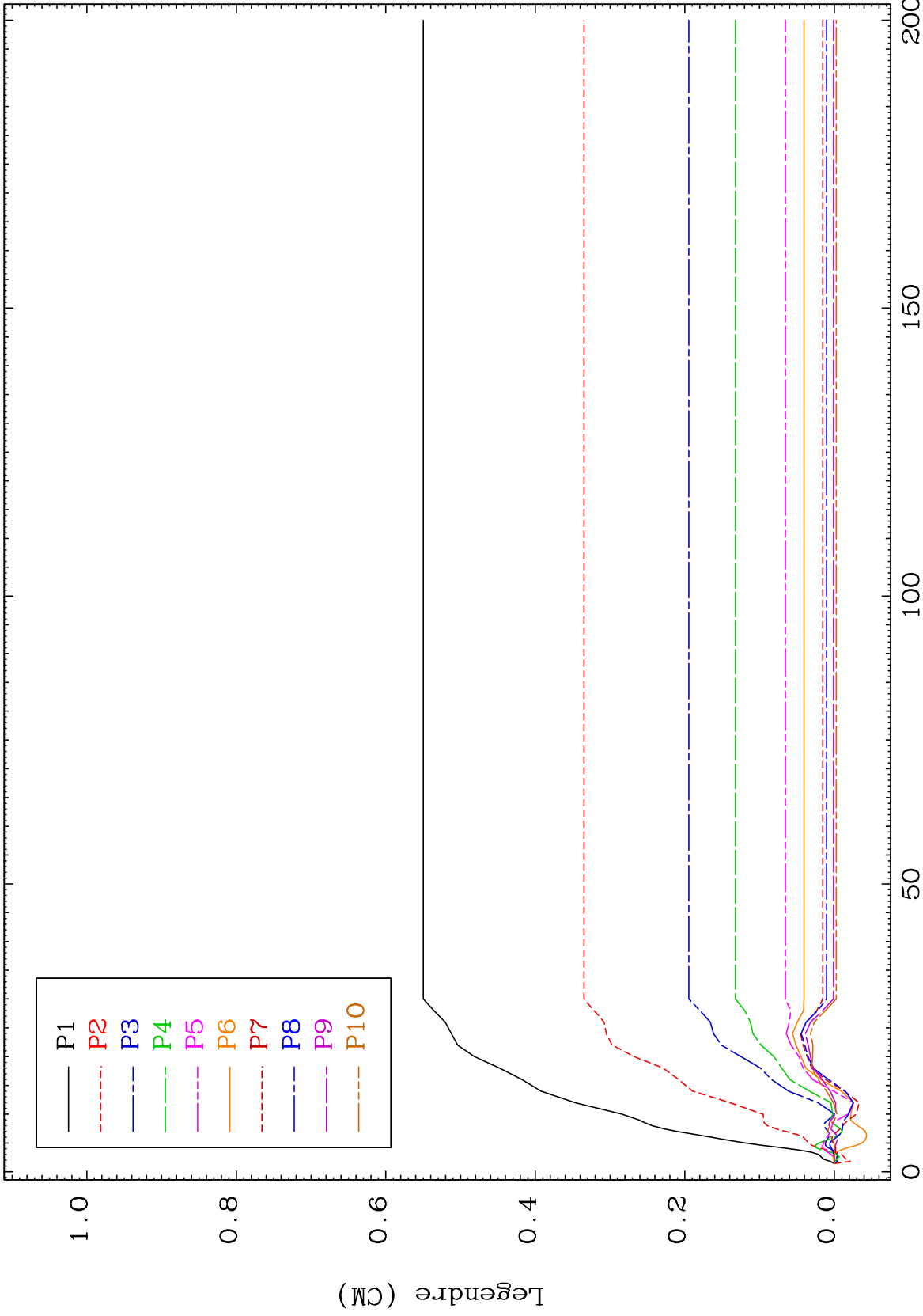
85-At-209



MAT 8543

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

85-At-209



88

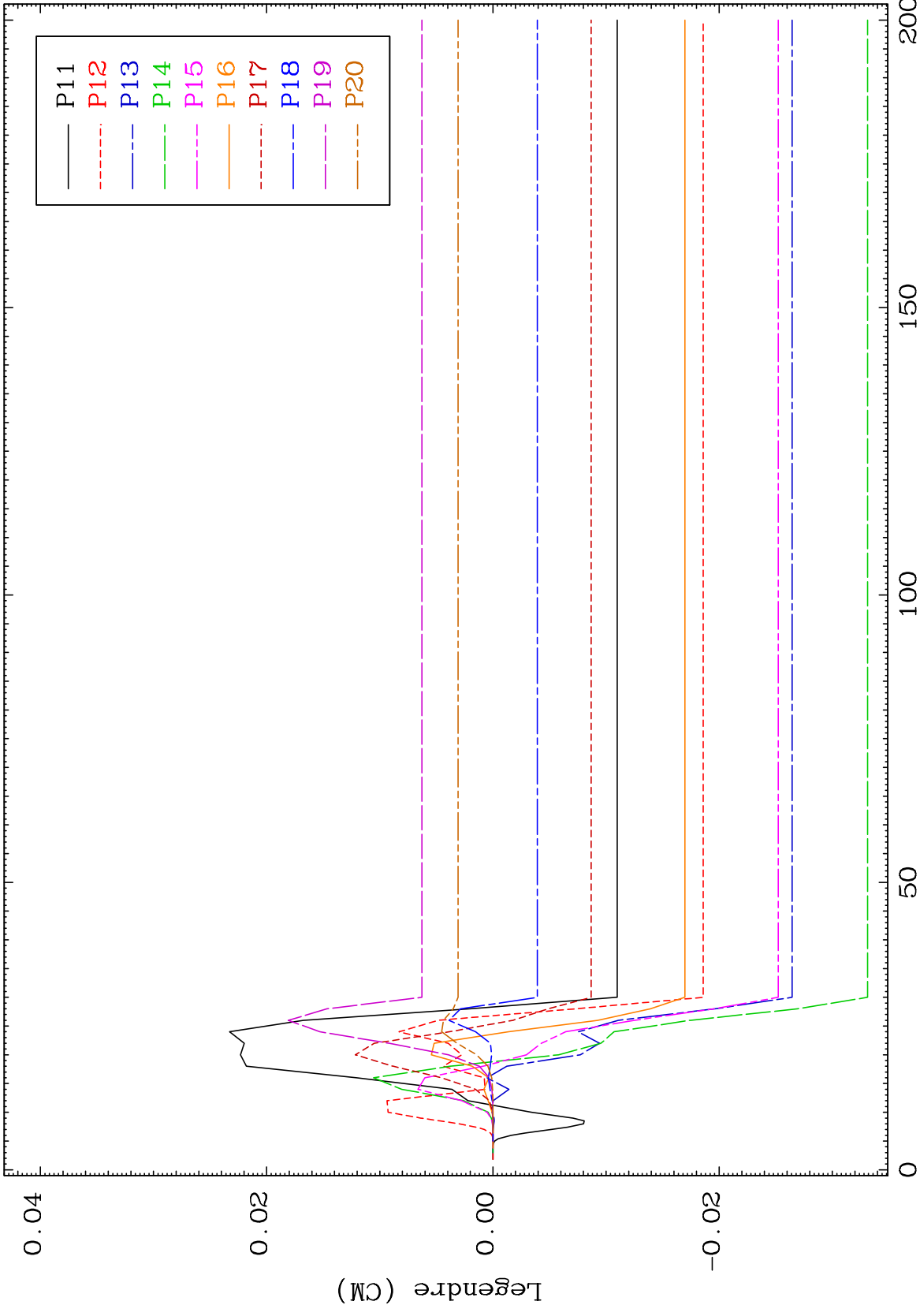
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



89

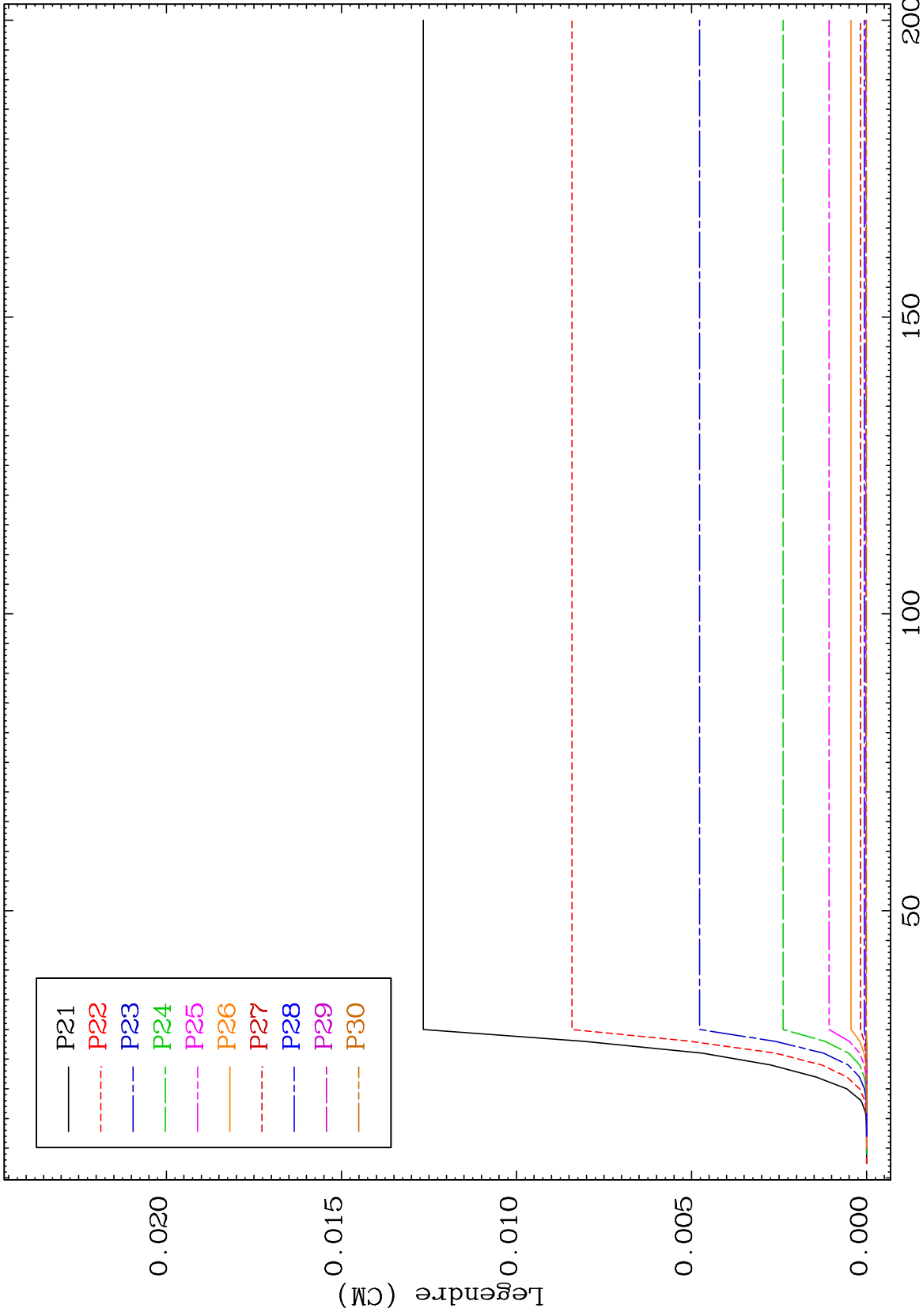
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



90

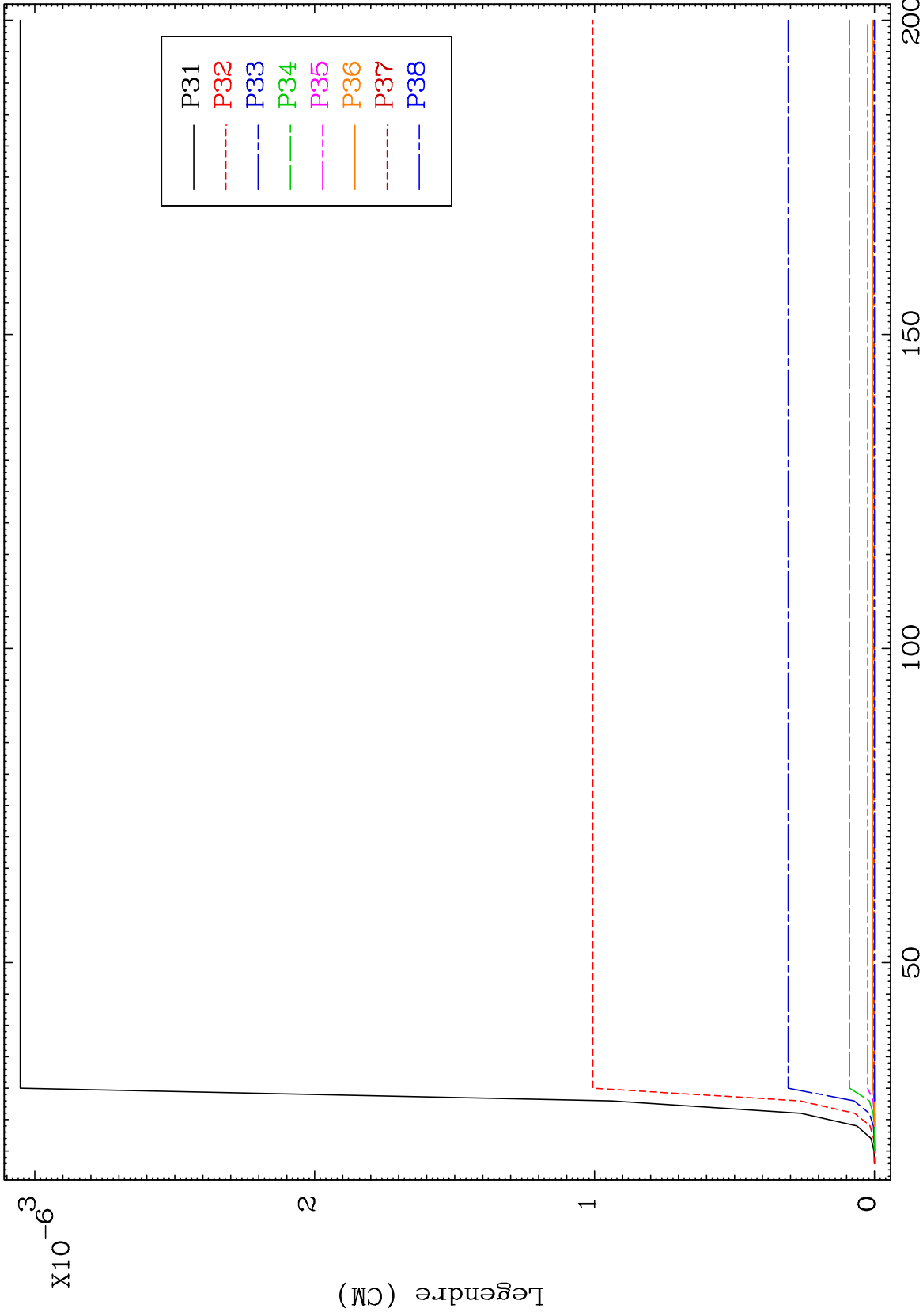
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



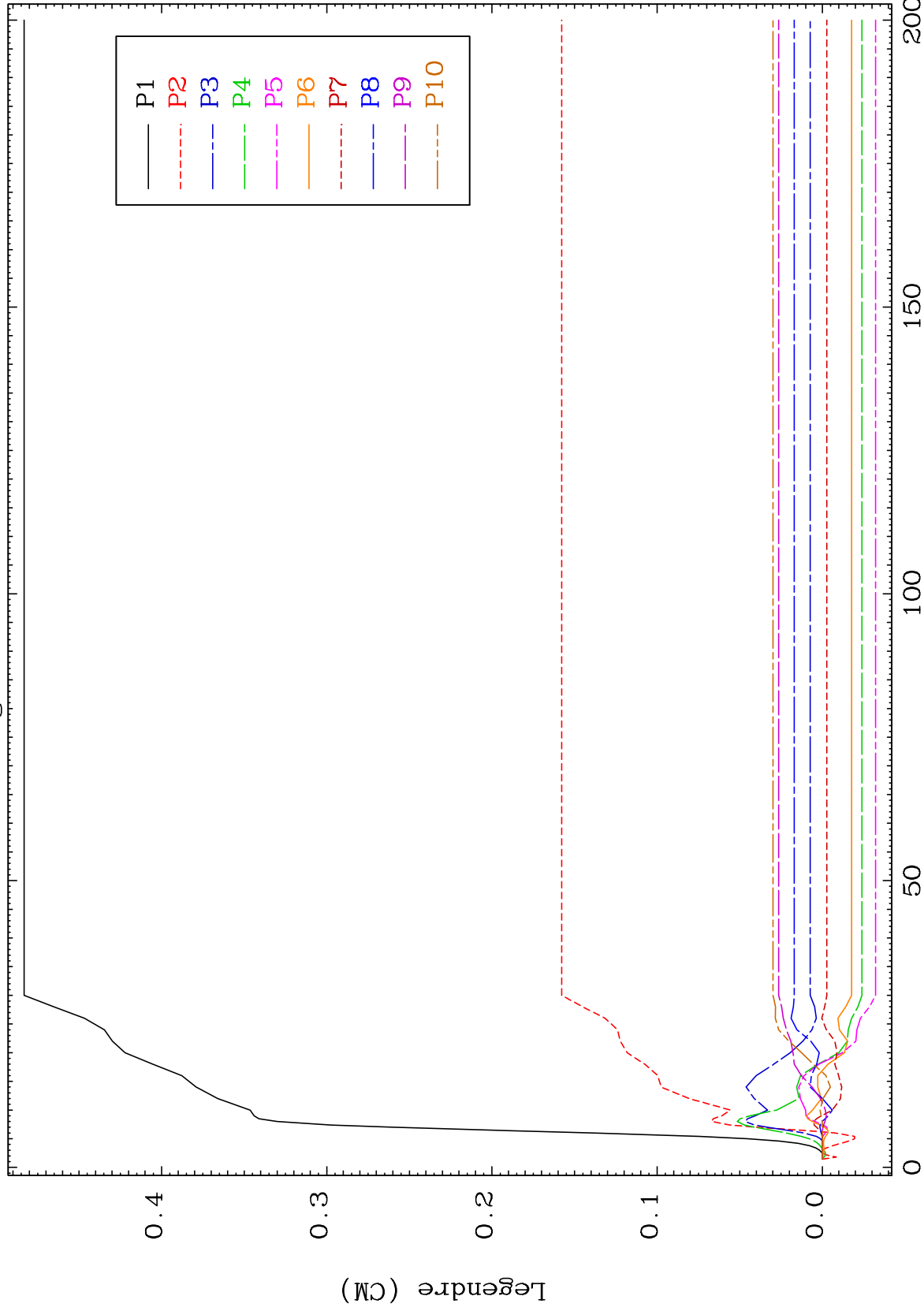
91

85-At-209

MAT 8543

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

85-At-209



92

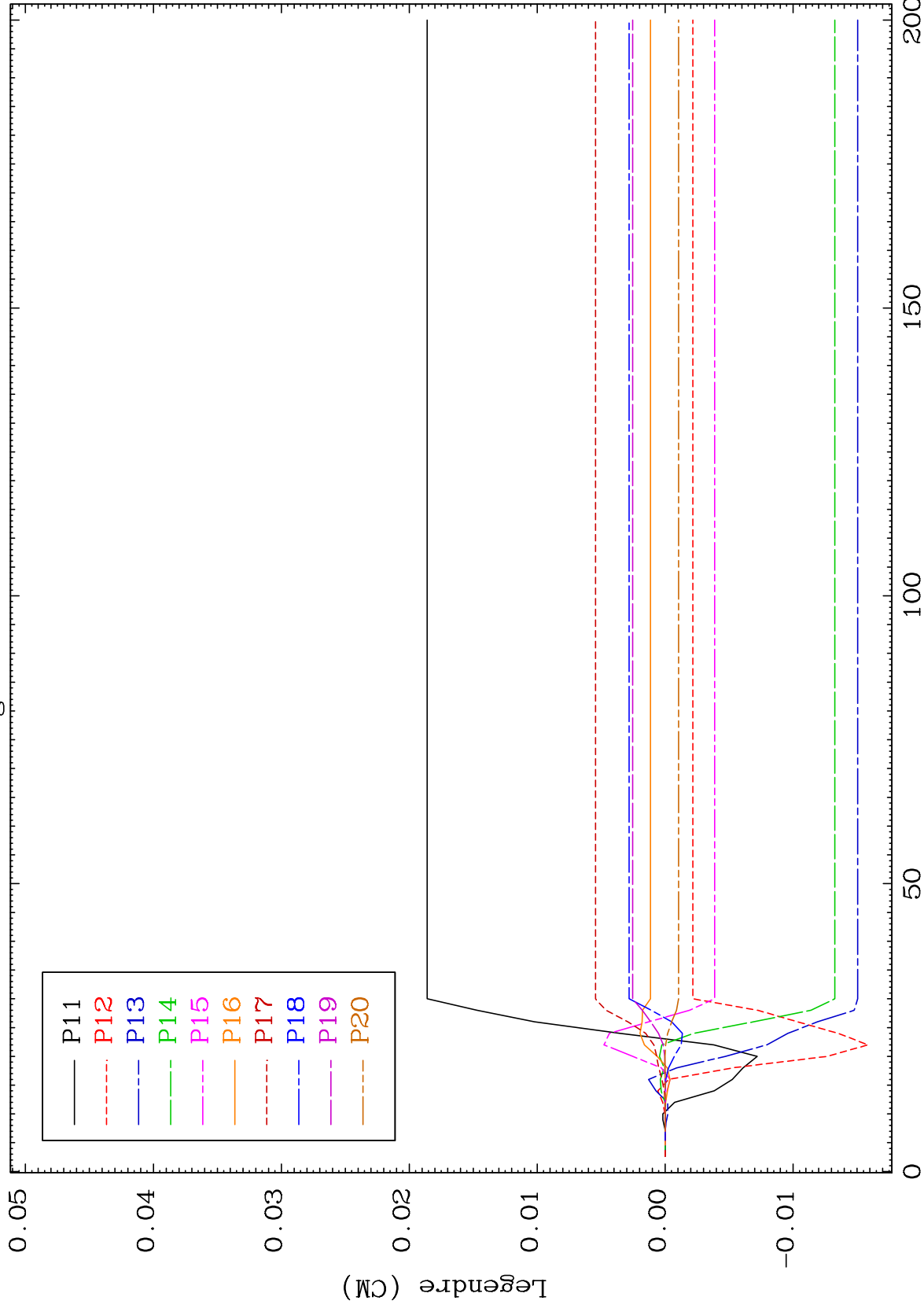
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



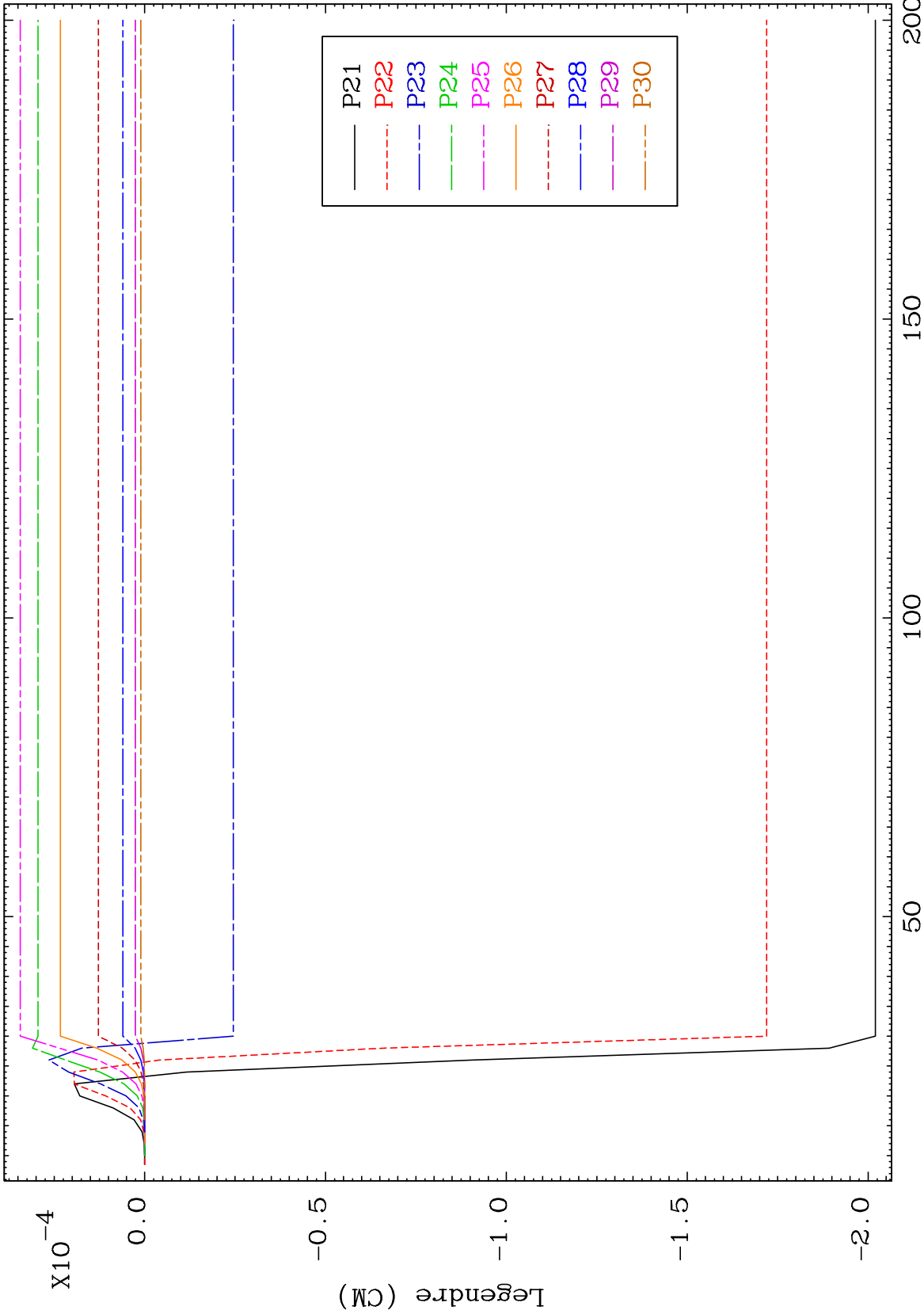
93

85-At-209

MAT 8543

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

85-At-209



94

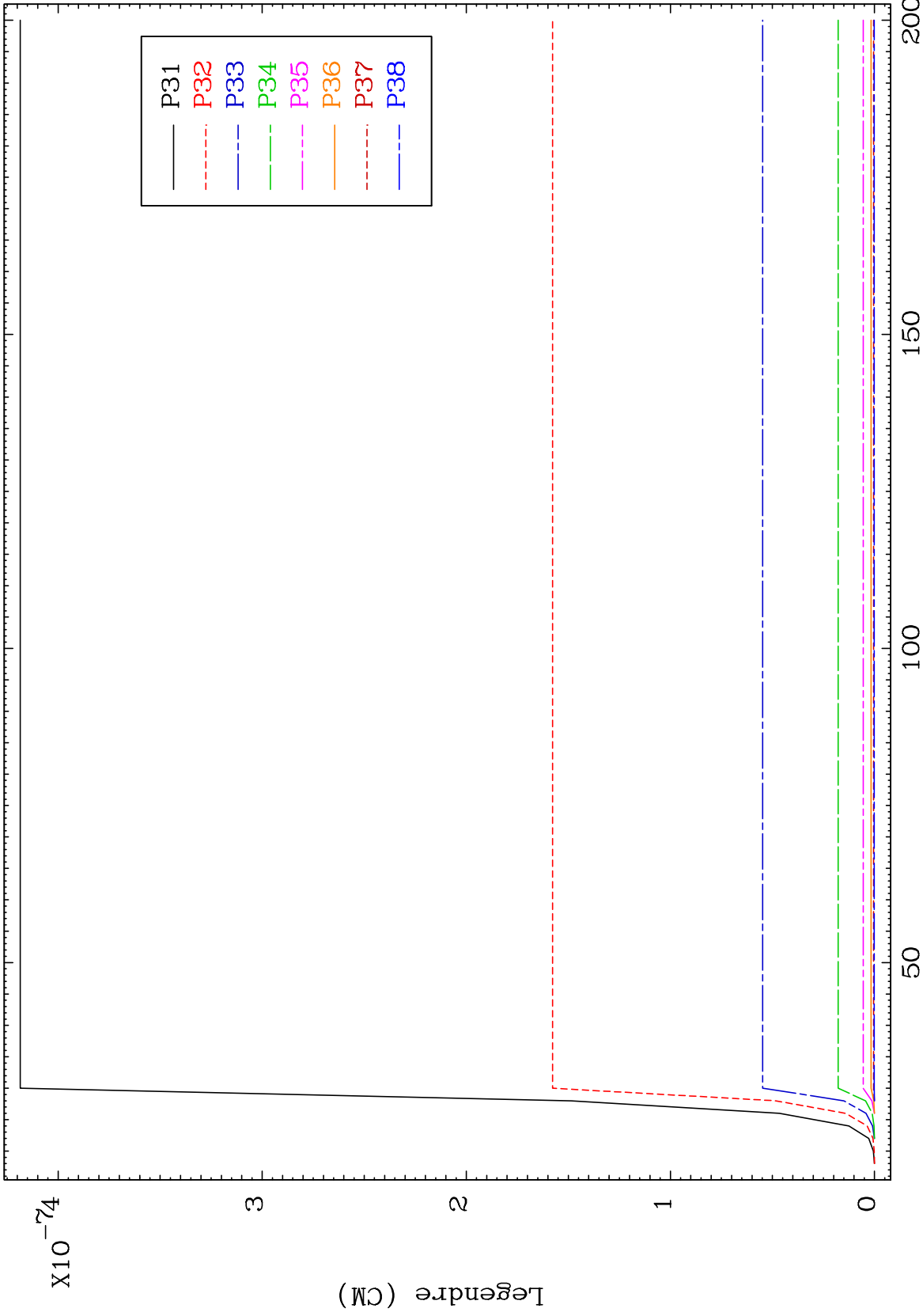
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



95

Incident Energy (MeV)

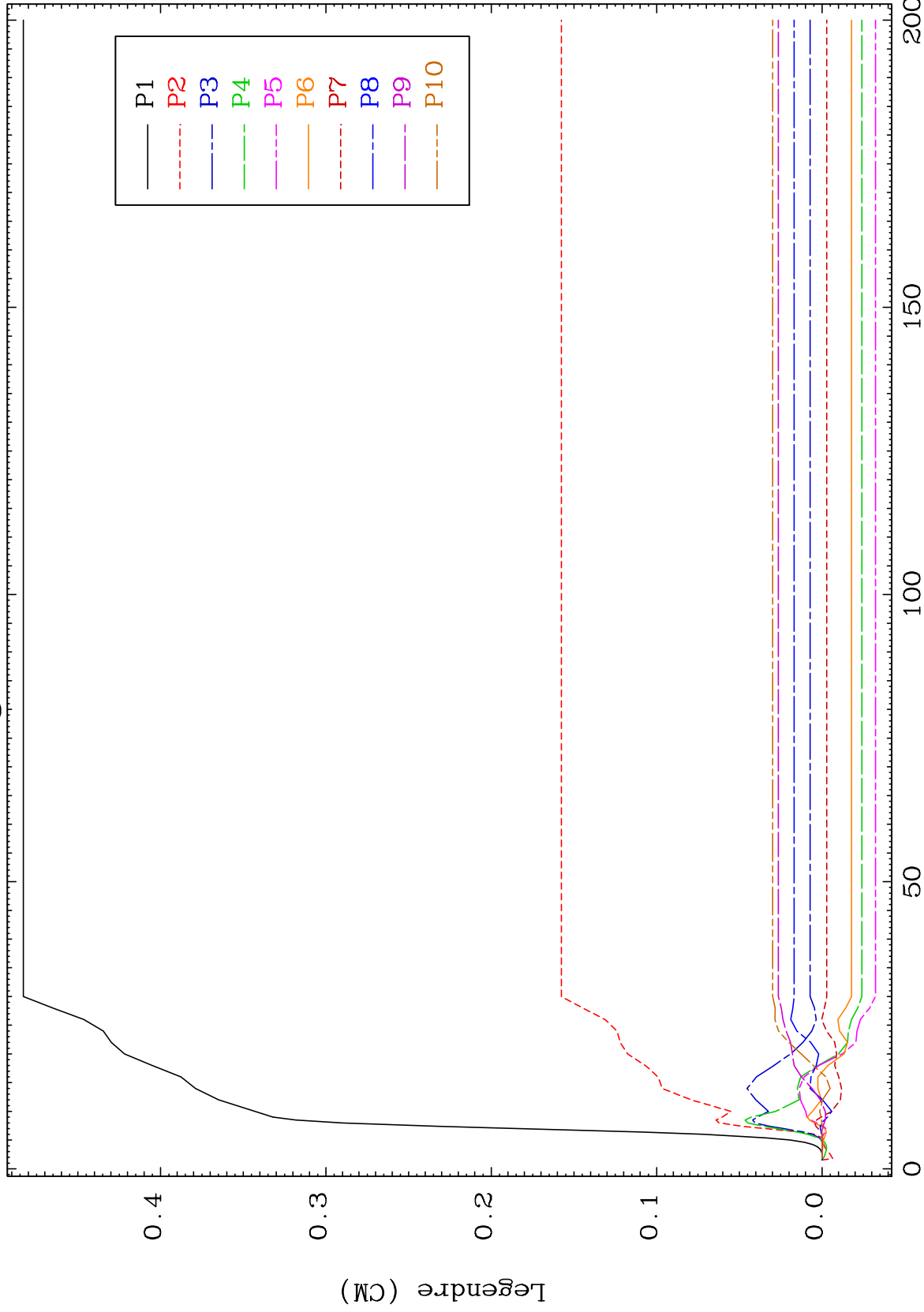
85-At-209



MAT 8543

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

85-At-209



96

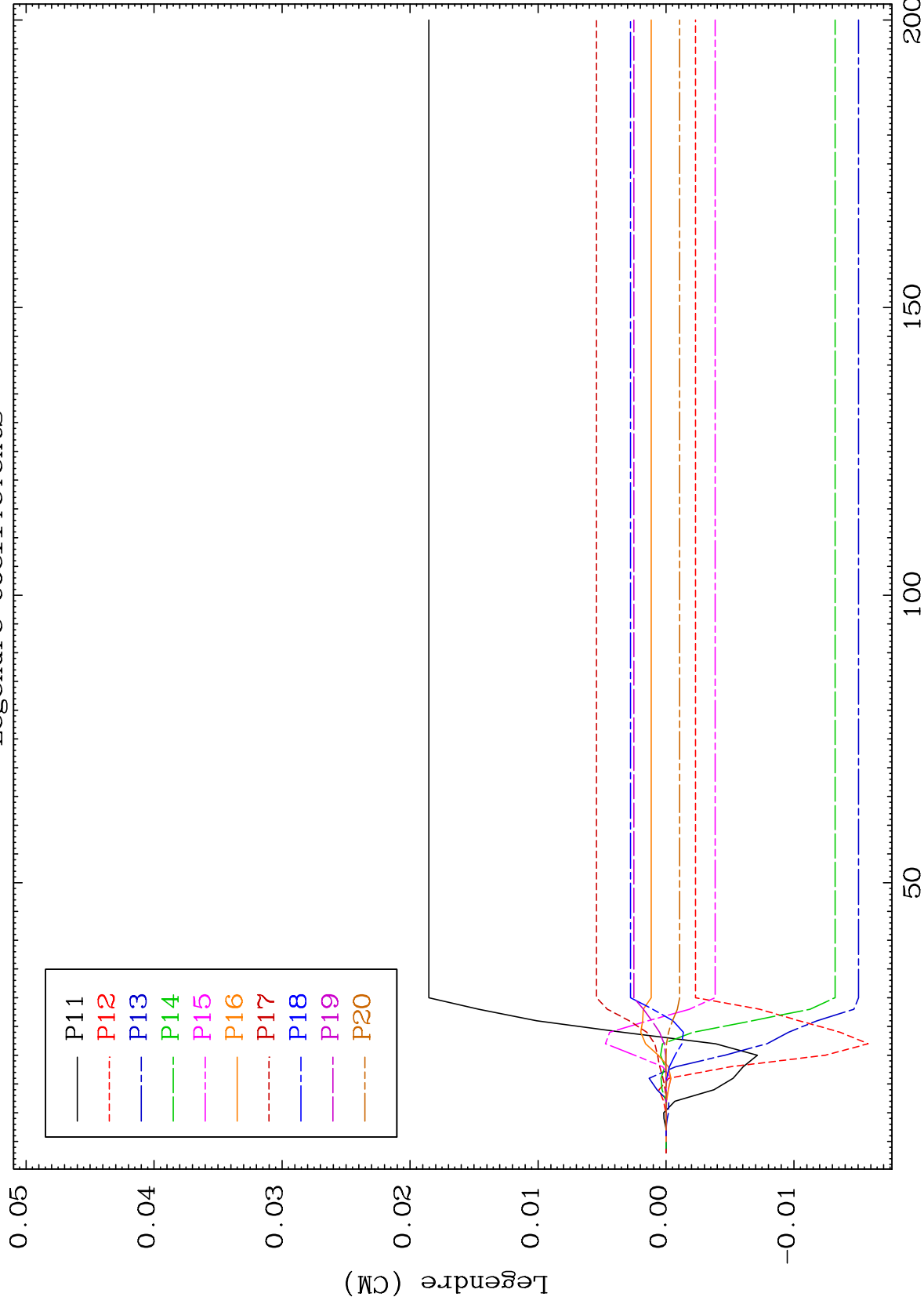
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



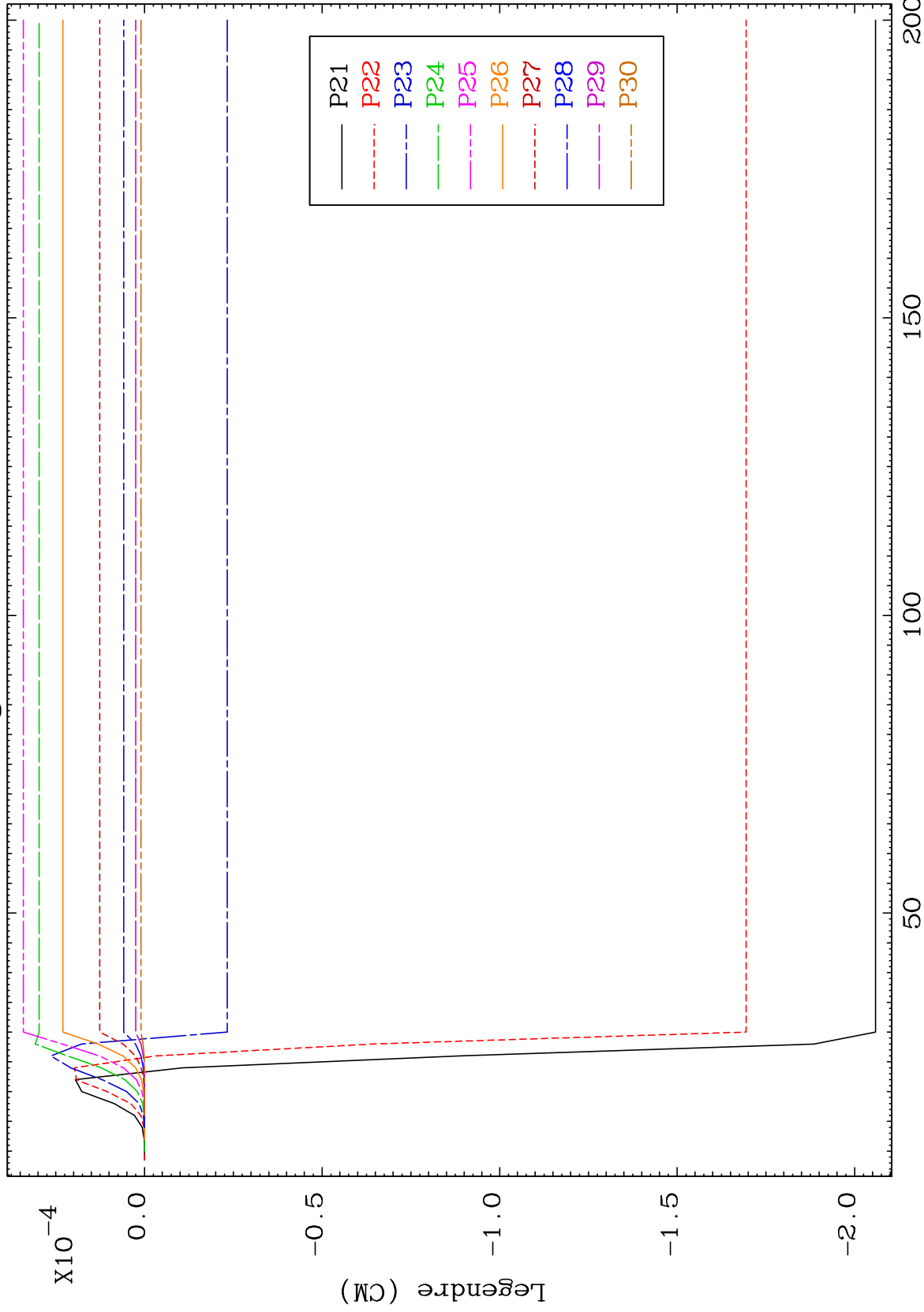
97

85-At-209

MAT 8543

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

85-At-209



98

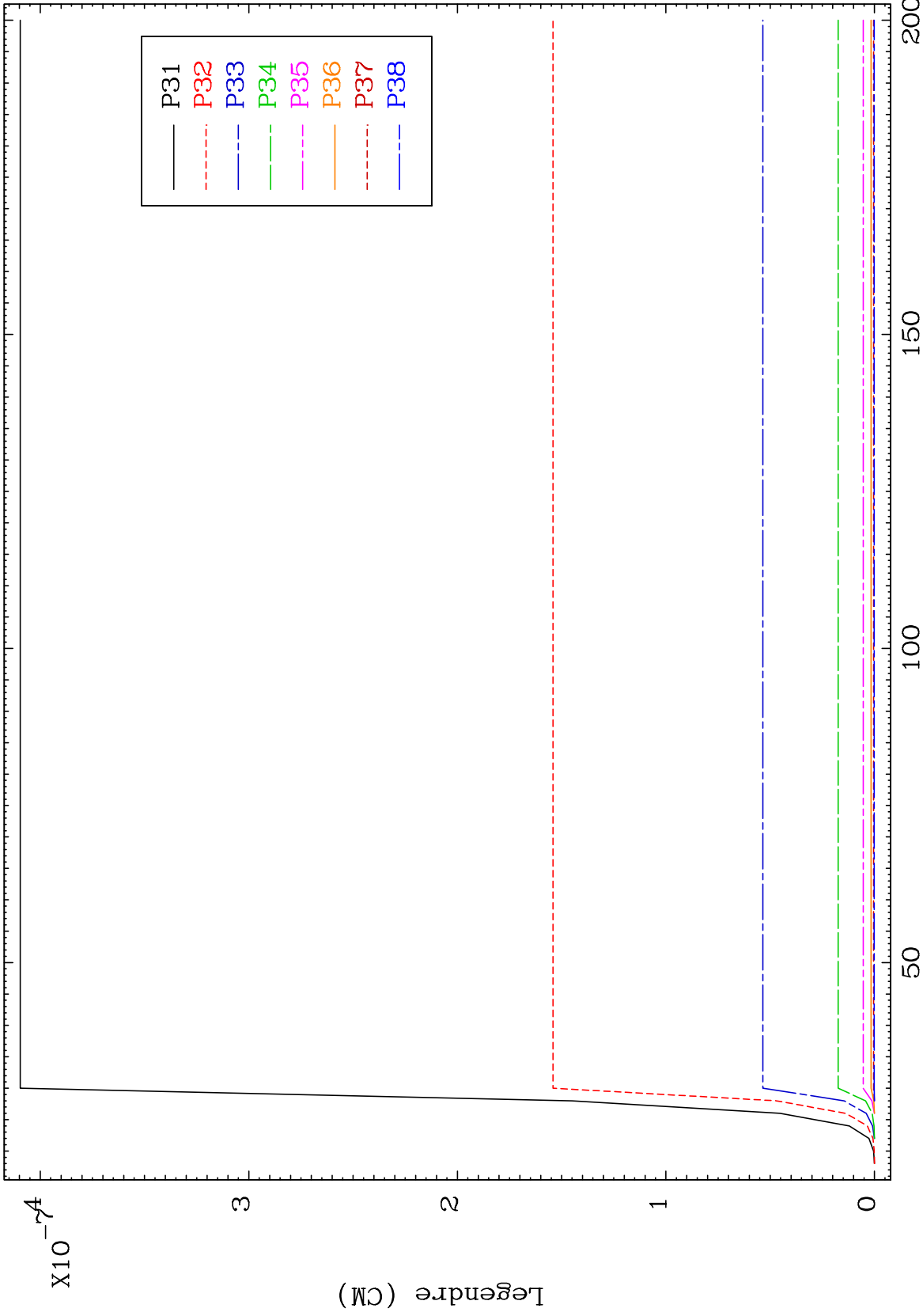
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



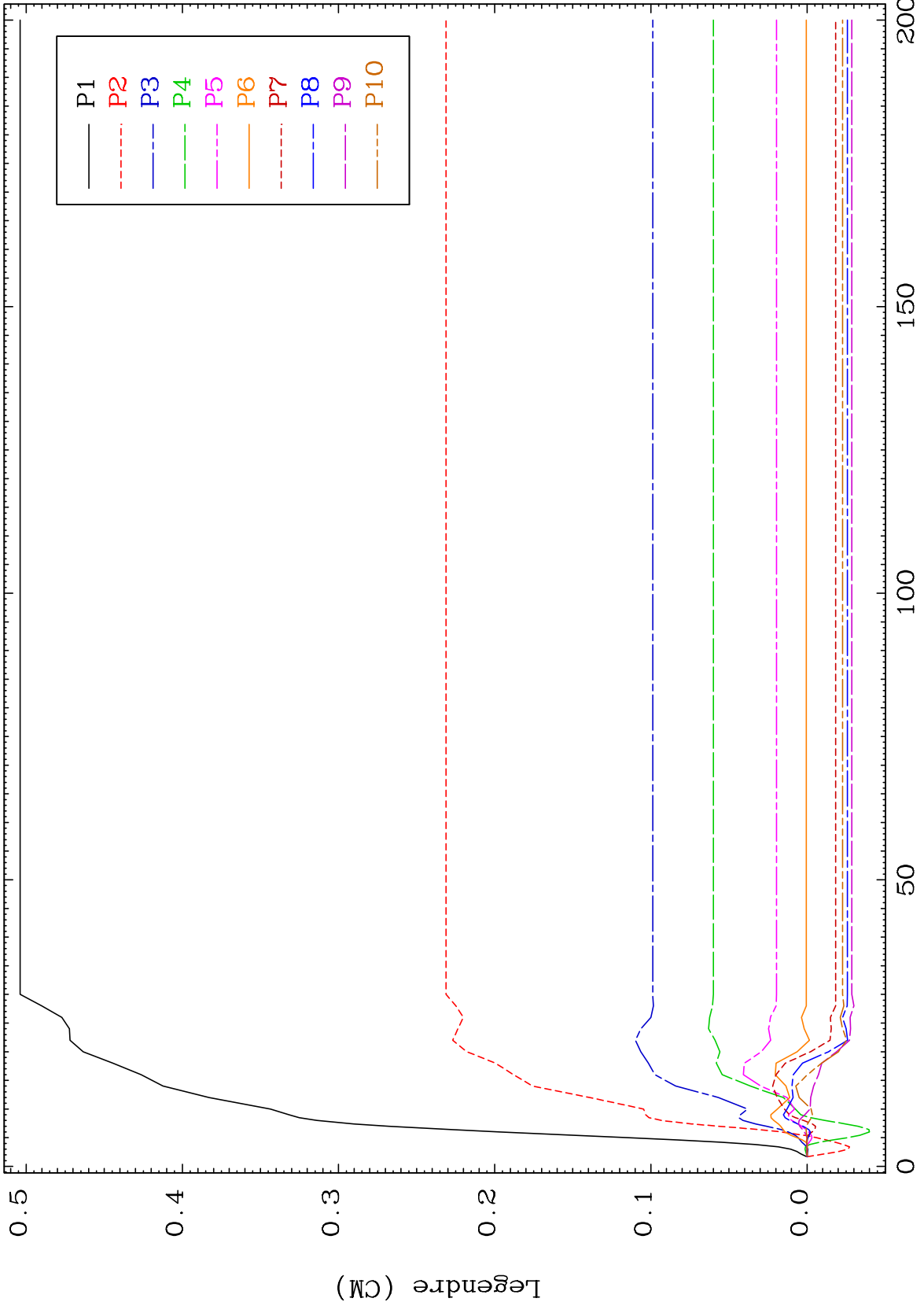
99

85-At-209

MAT 8543

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

85-At-209



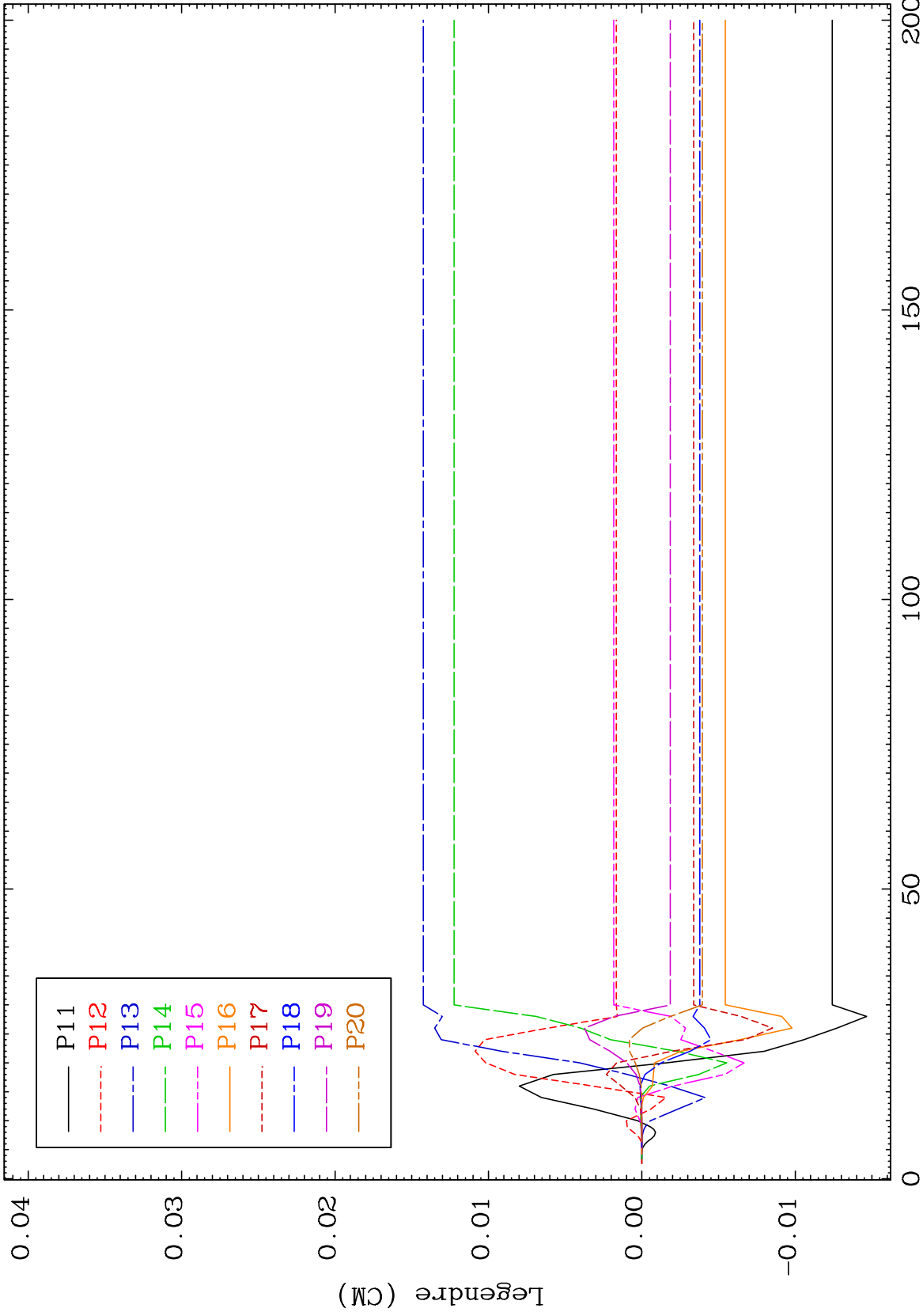
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



101

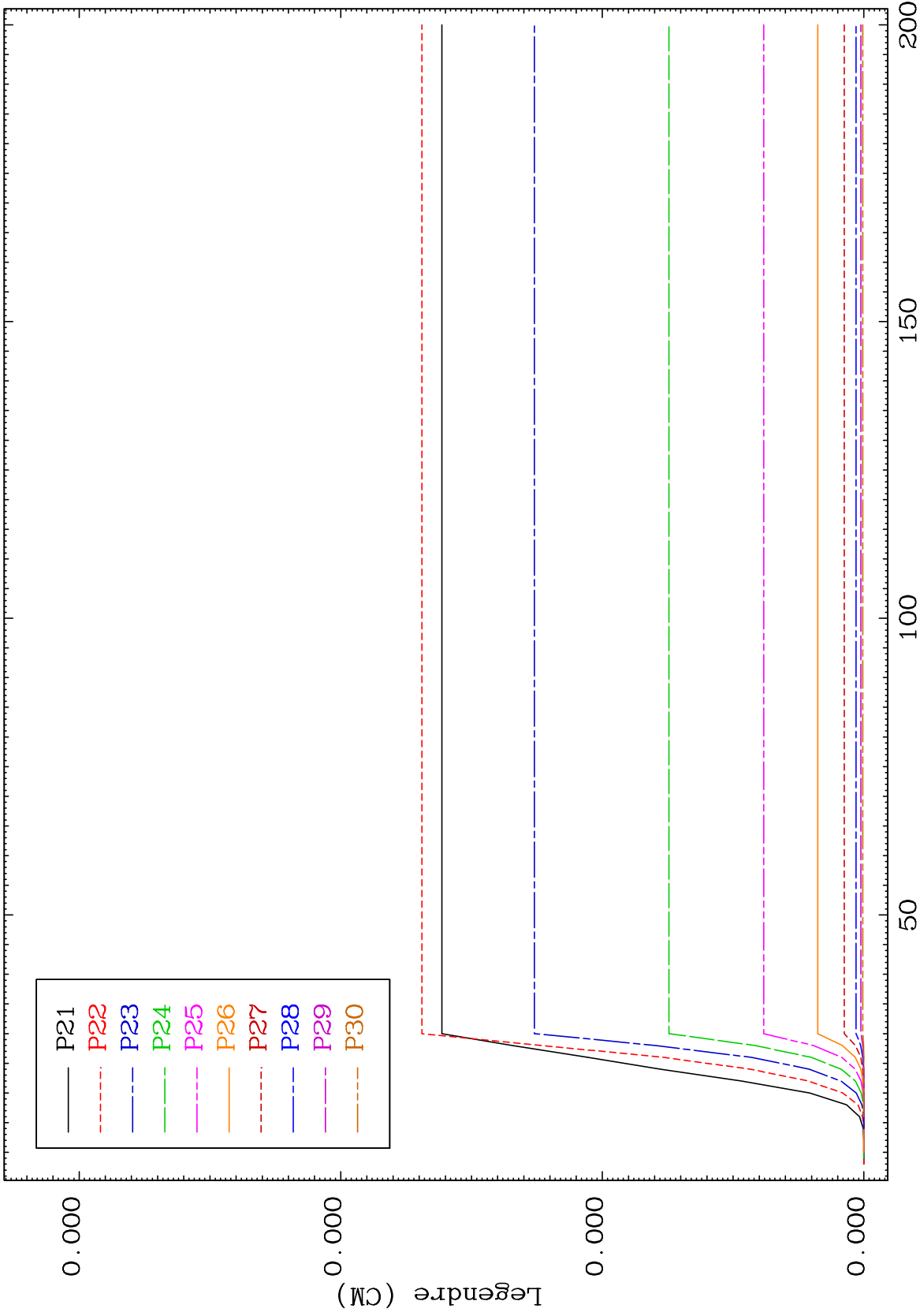
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



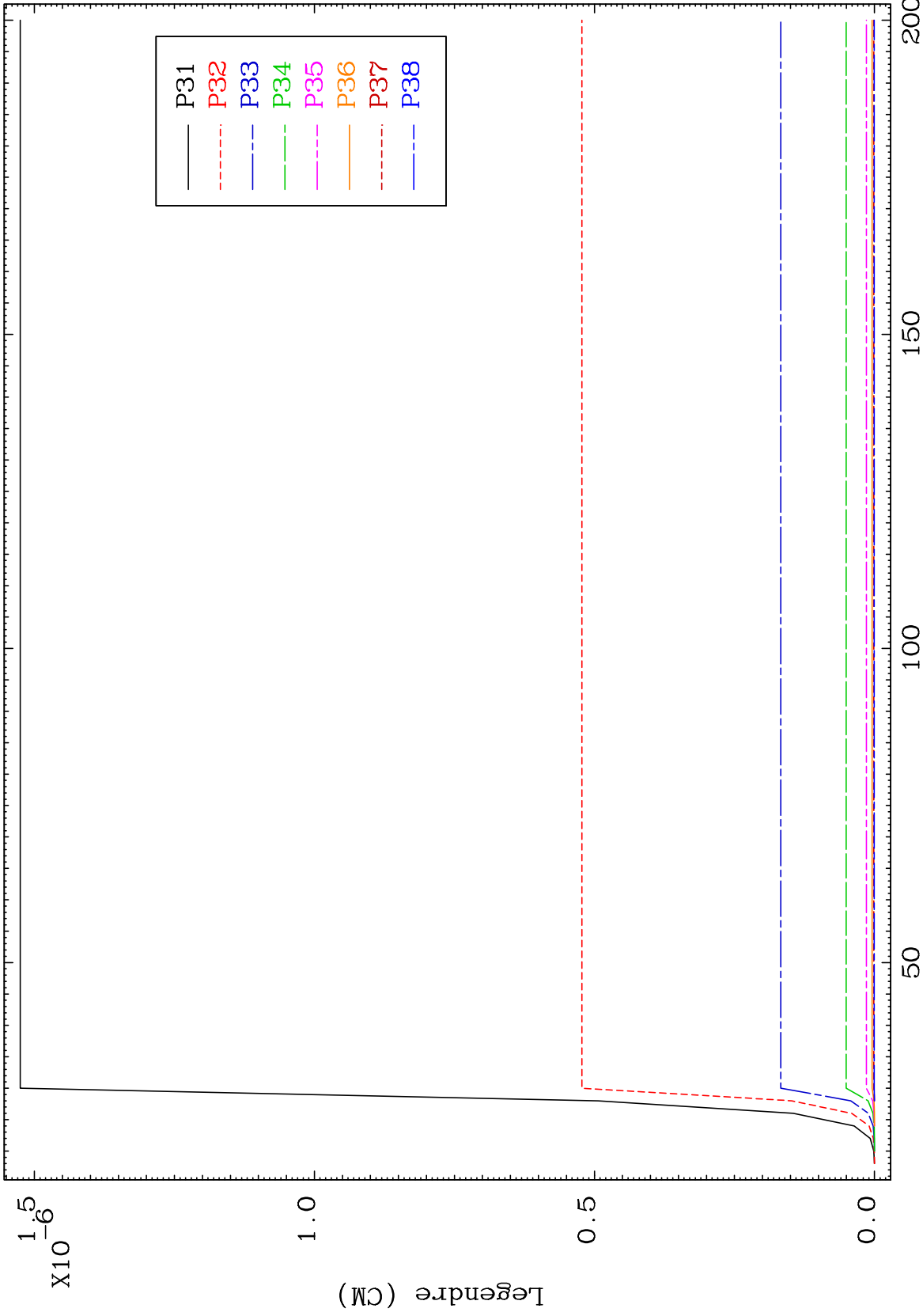
102

85-At-209

MAT 8543

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

85-At-209



103

Incident Energy (MeV)

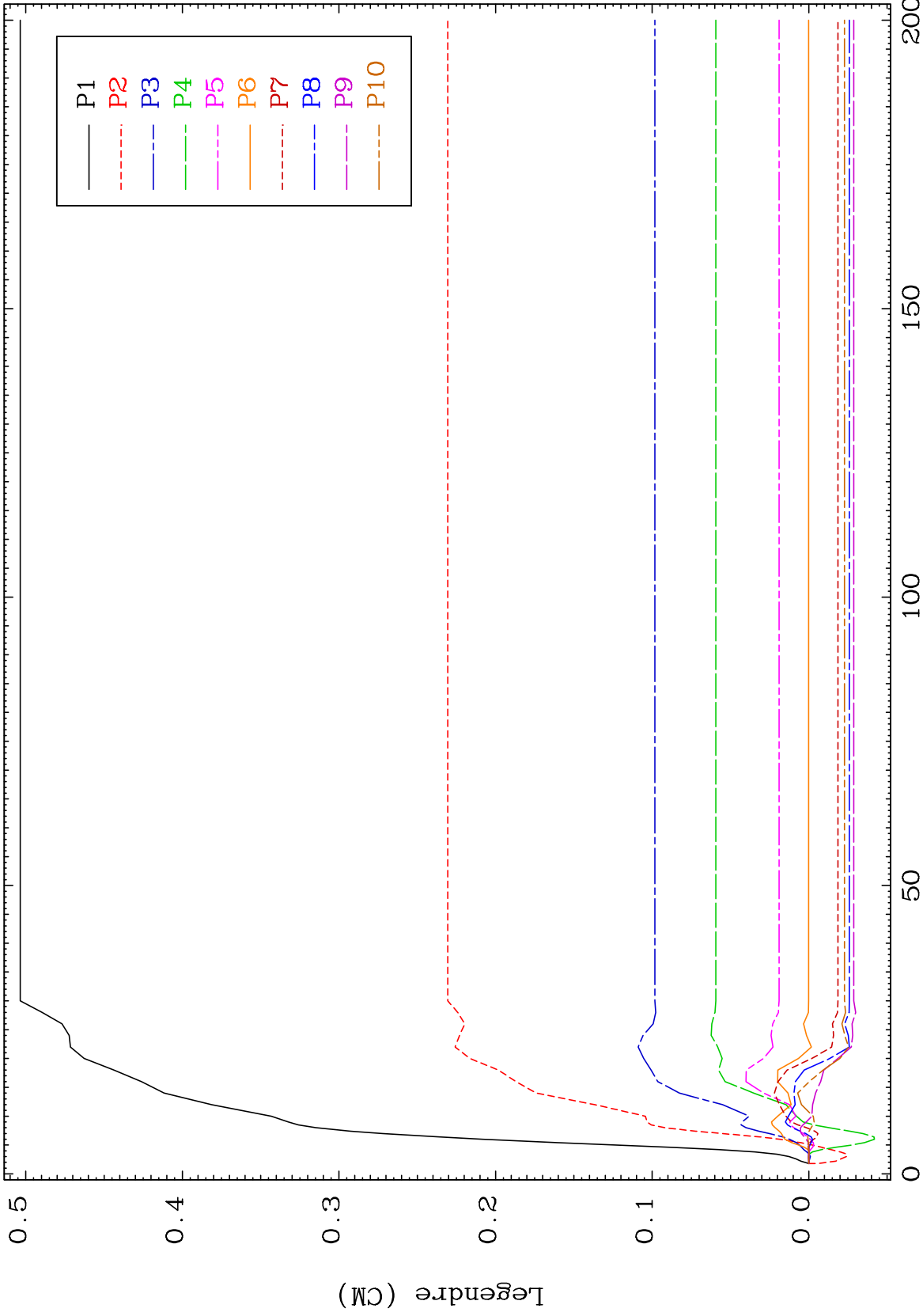
85-At-209



MAT 8543

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

85-At-209



85-At-209

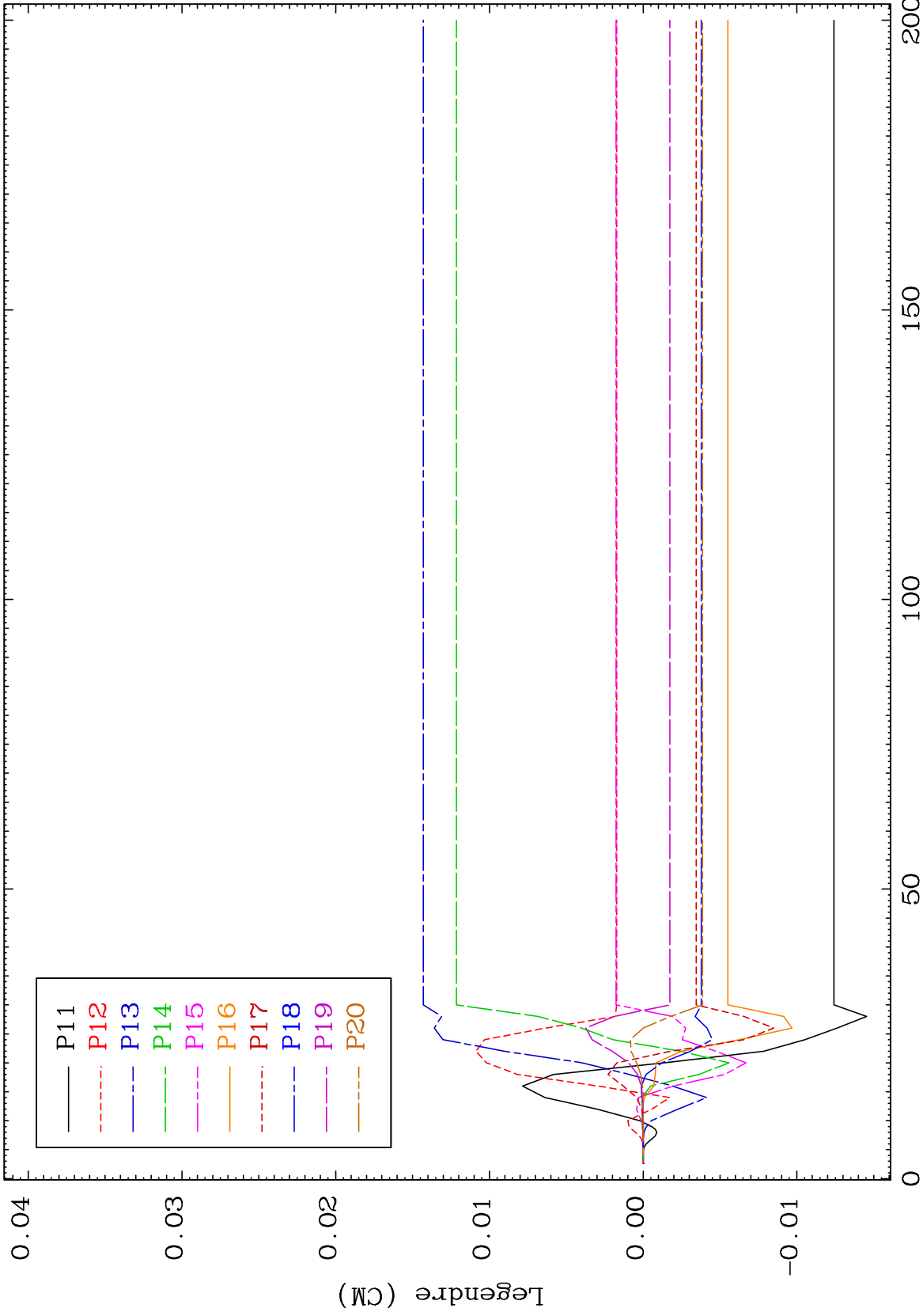
Incident Energy (MeV)

104

MAT 8543

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

85-At-209



105

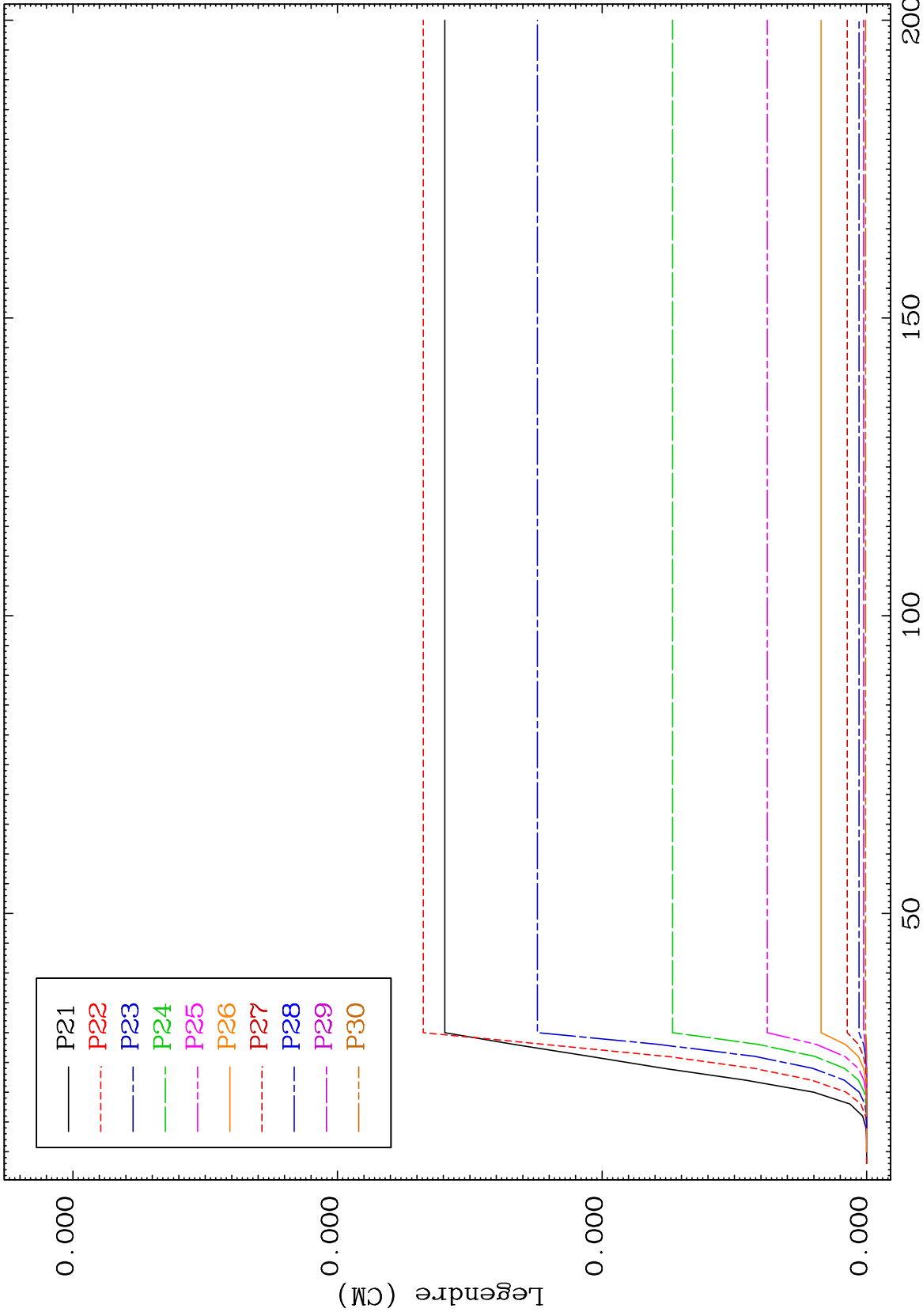
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



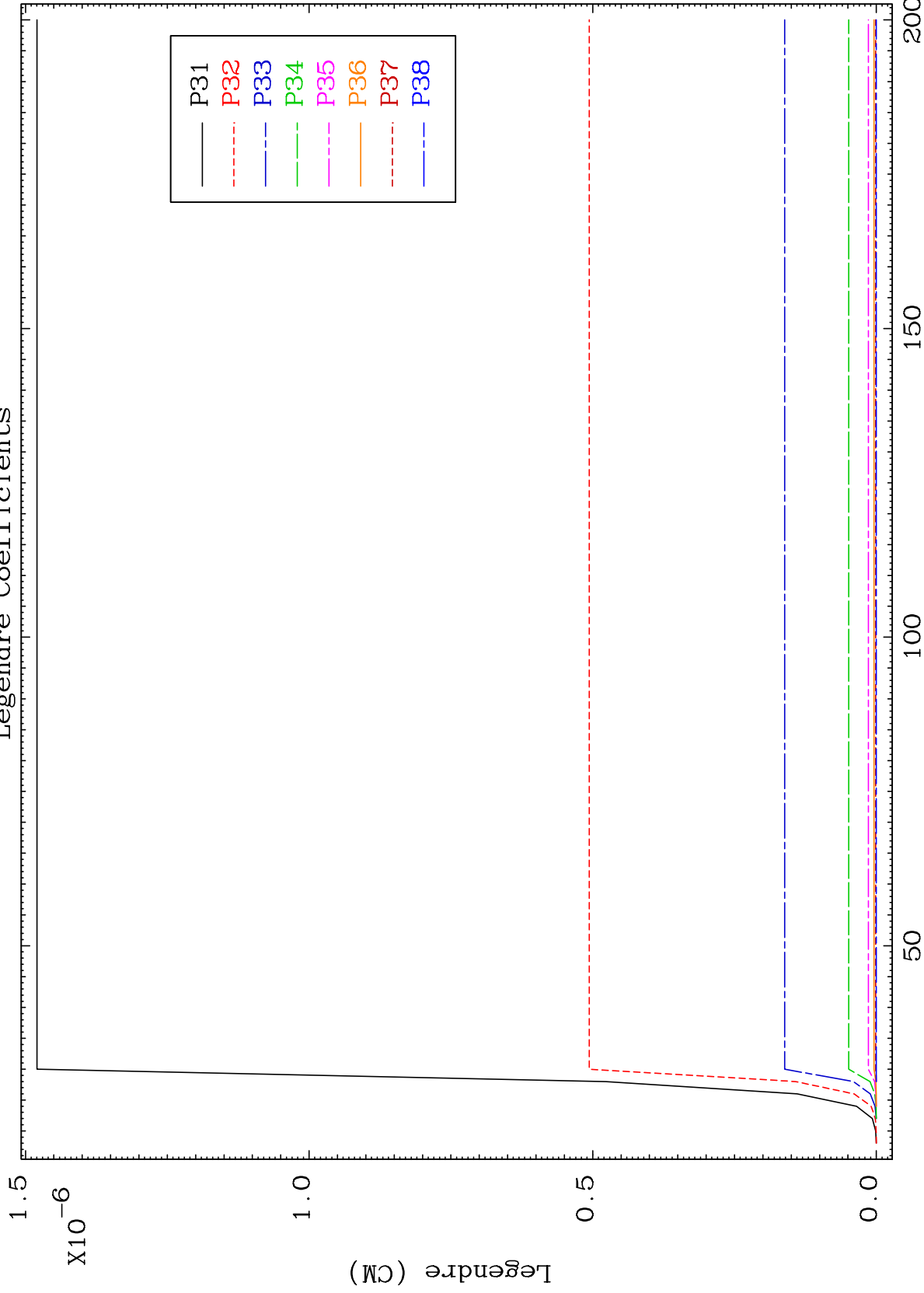
106

85-At-209

MAT 8543

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

85-At-209



107

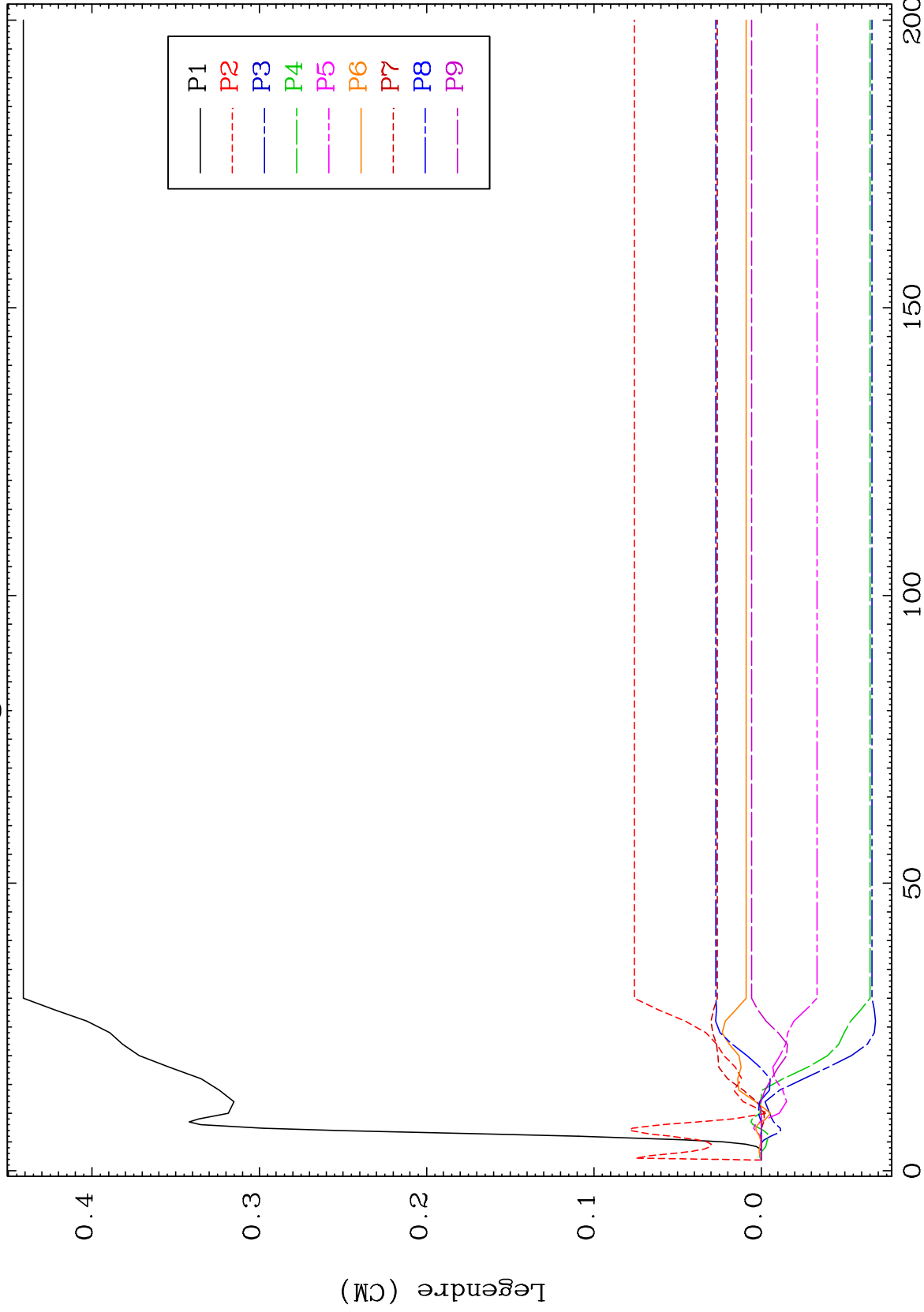
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



108

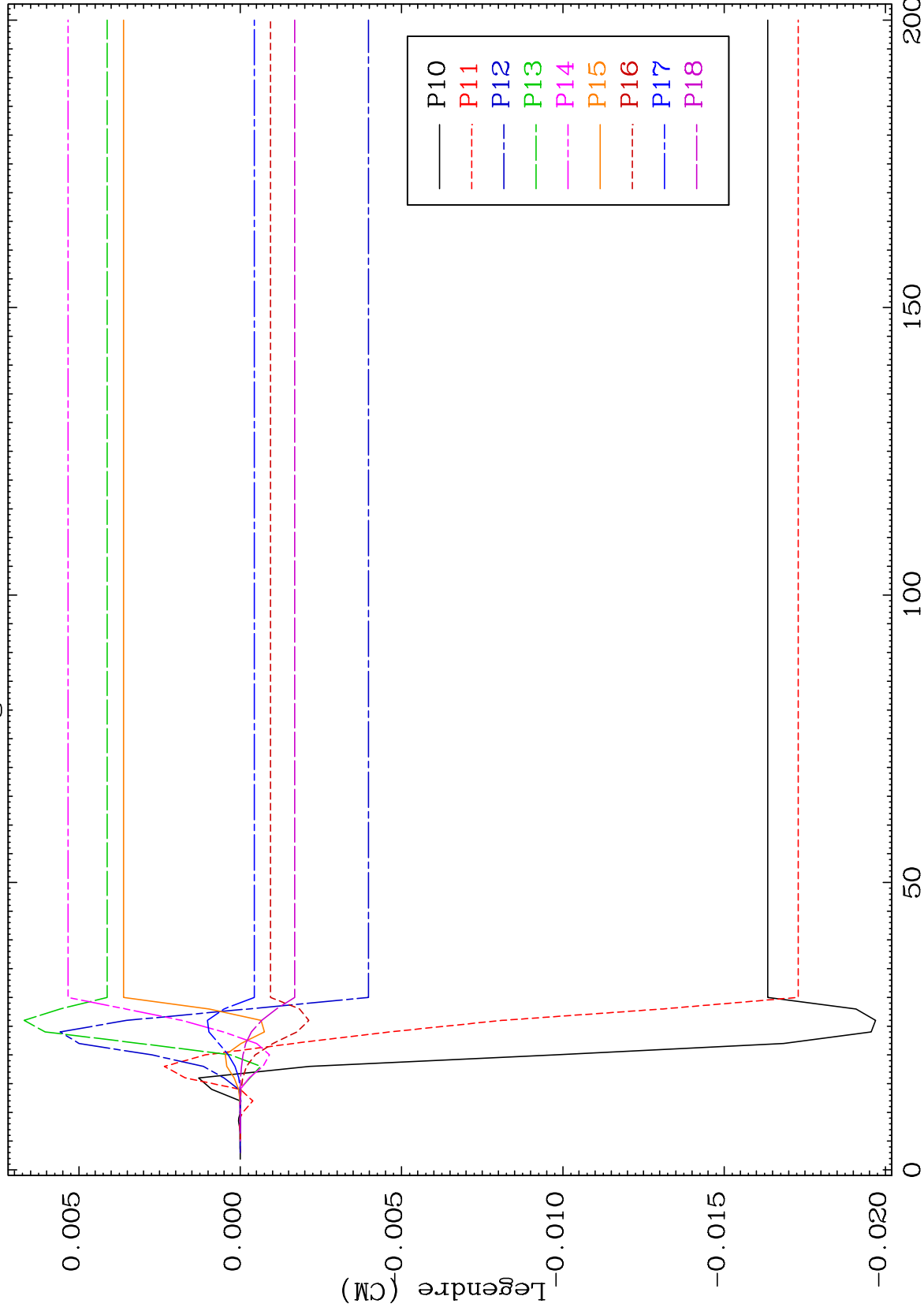
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



109

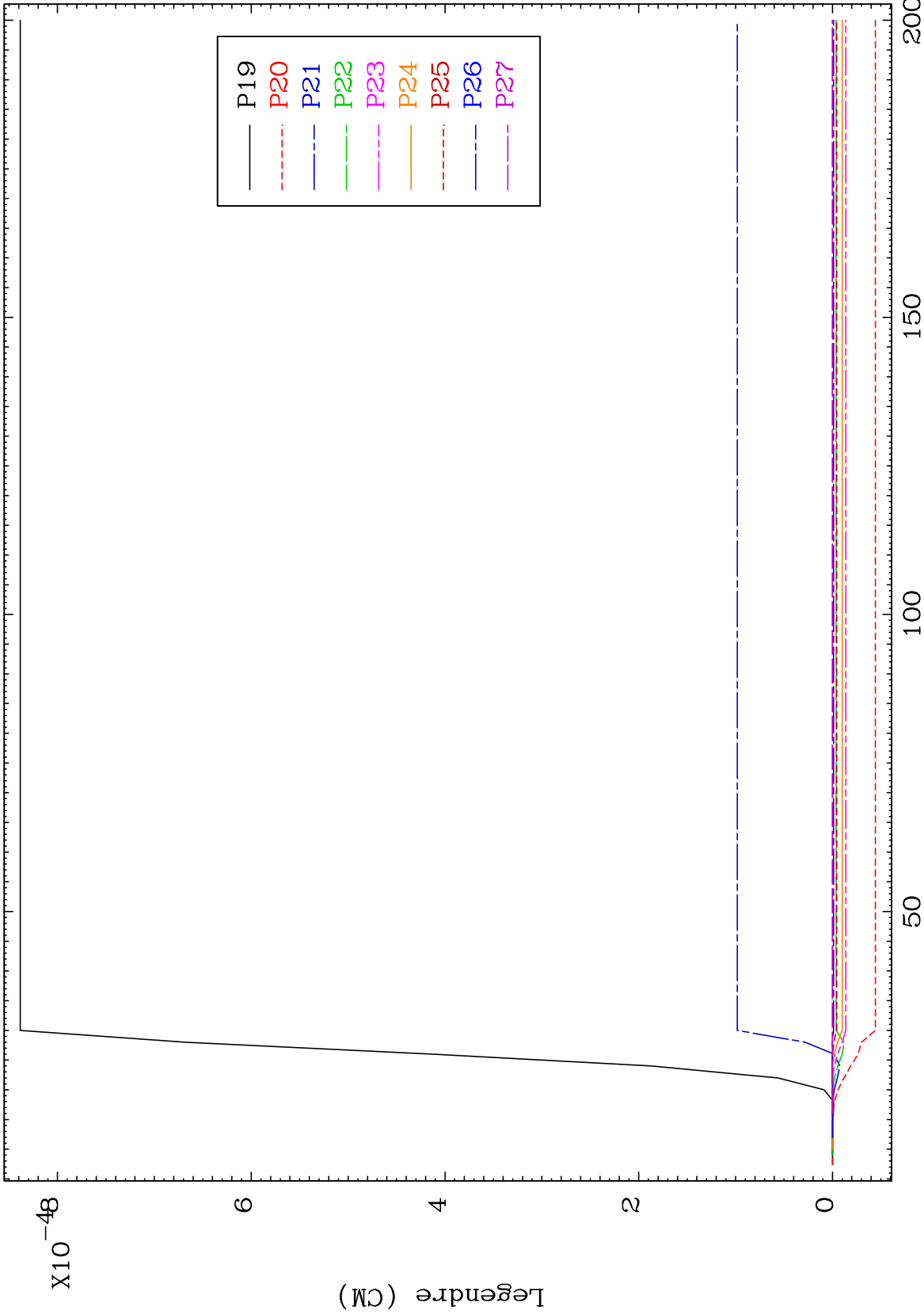
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



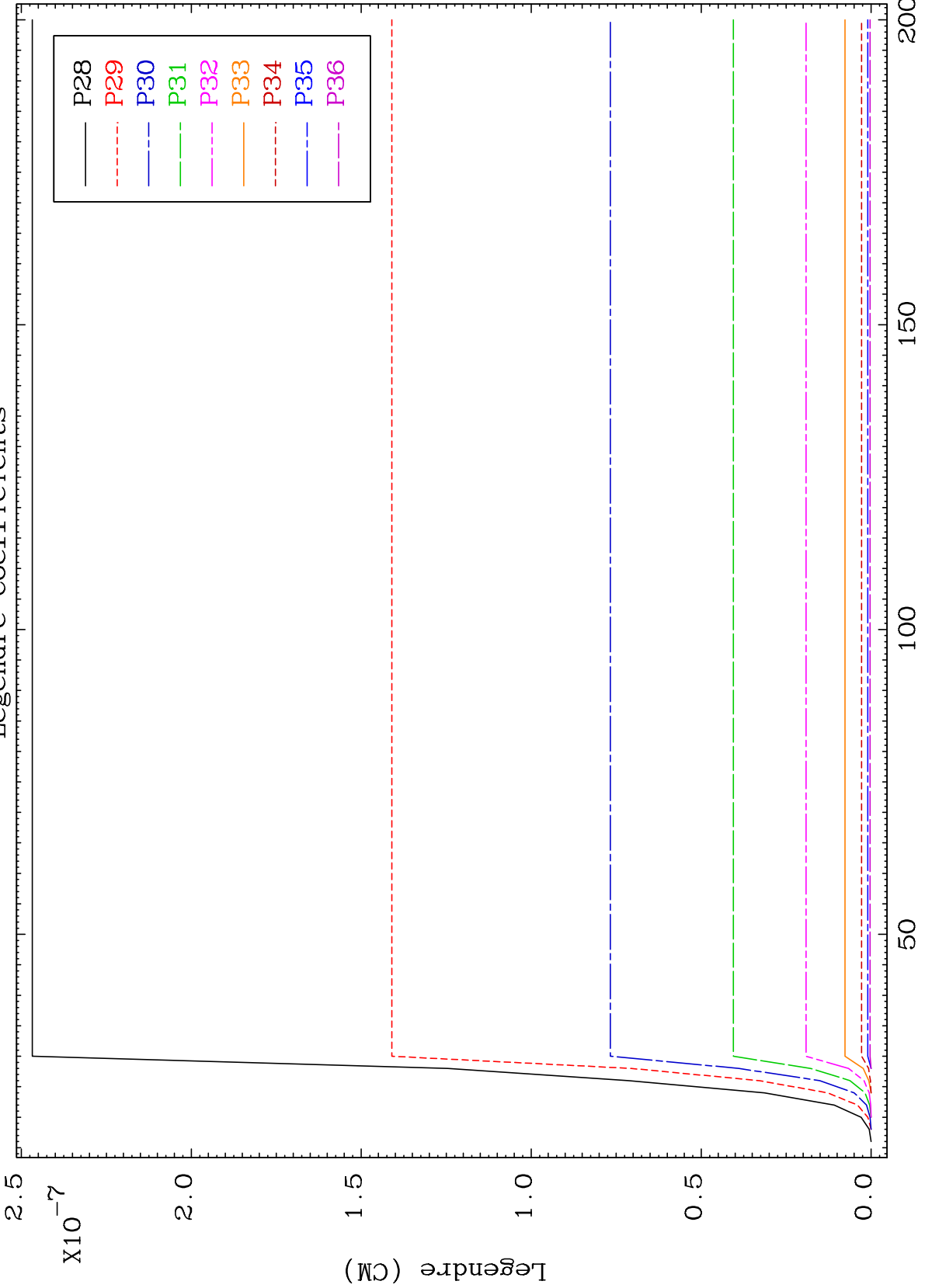
110

85-At-209

MAT 8543

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

85-At-209



111

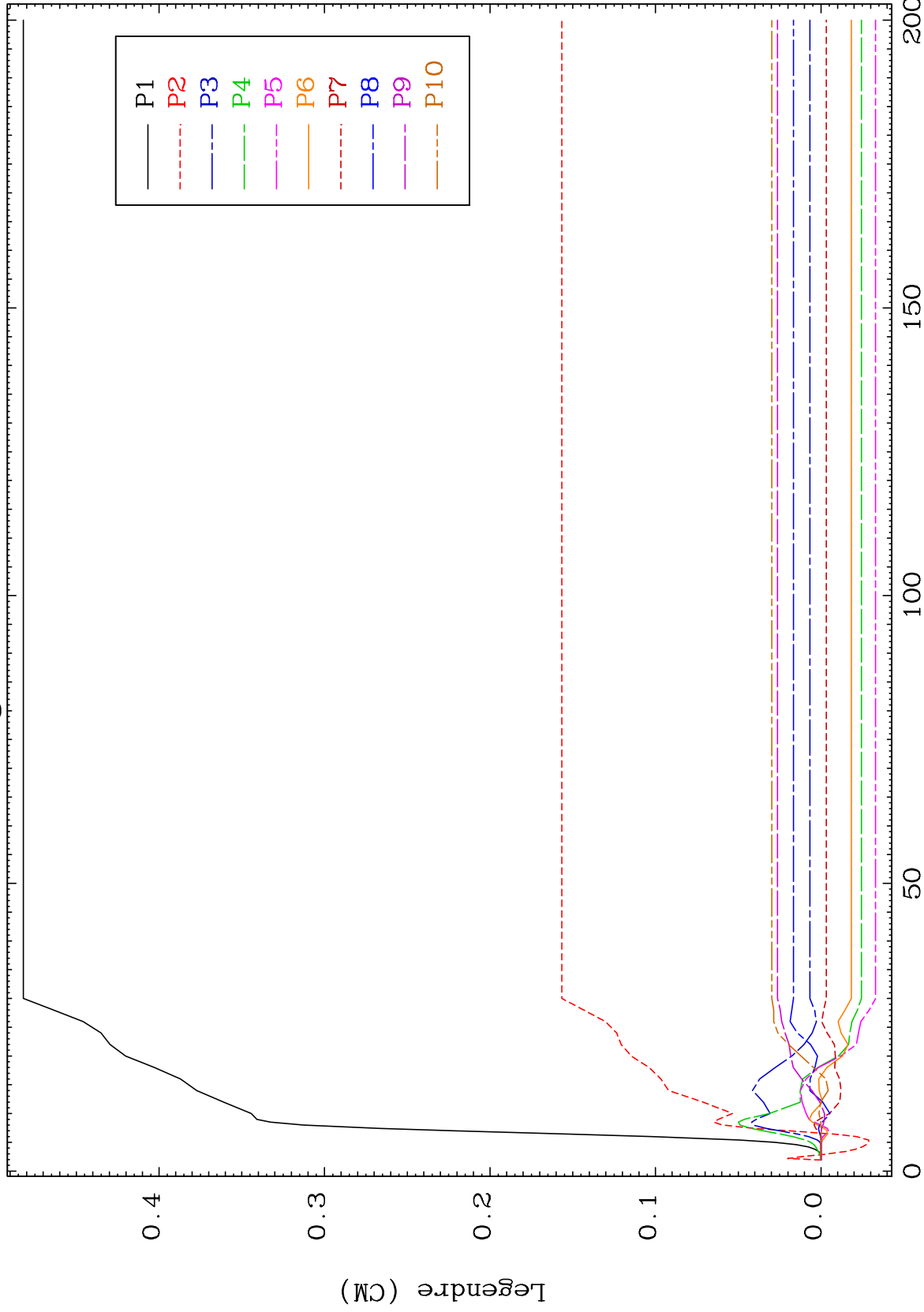
85-At-209



MAT 8543

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

85-At-209



112

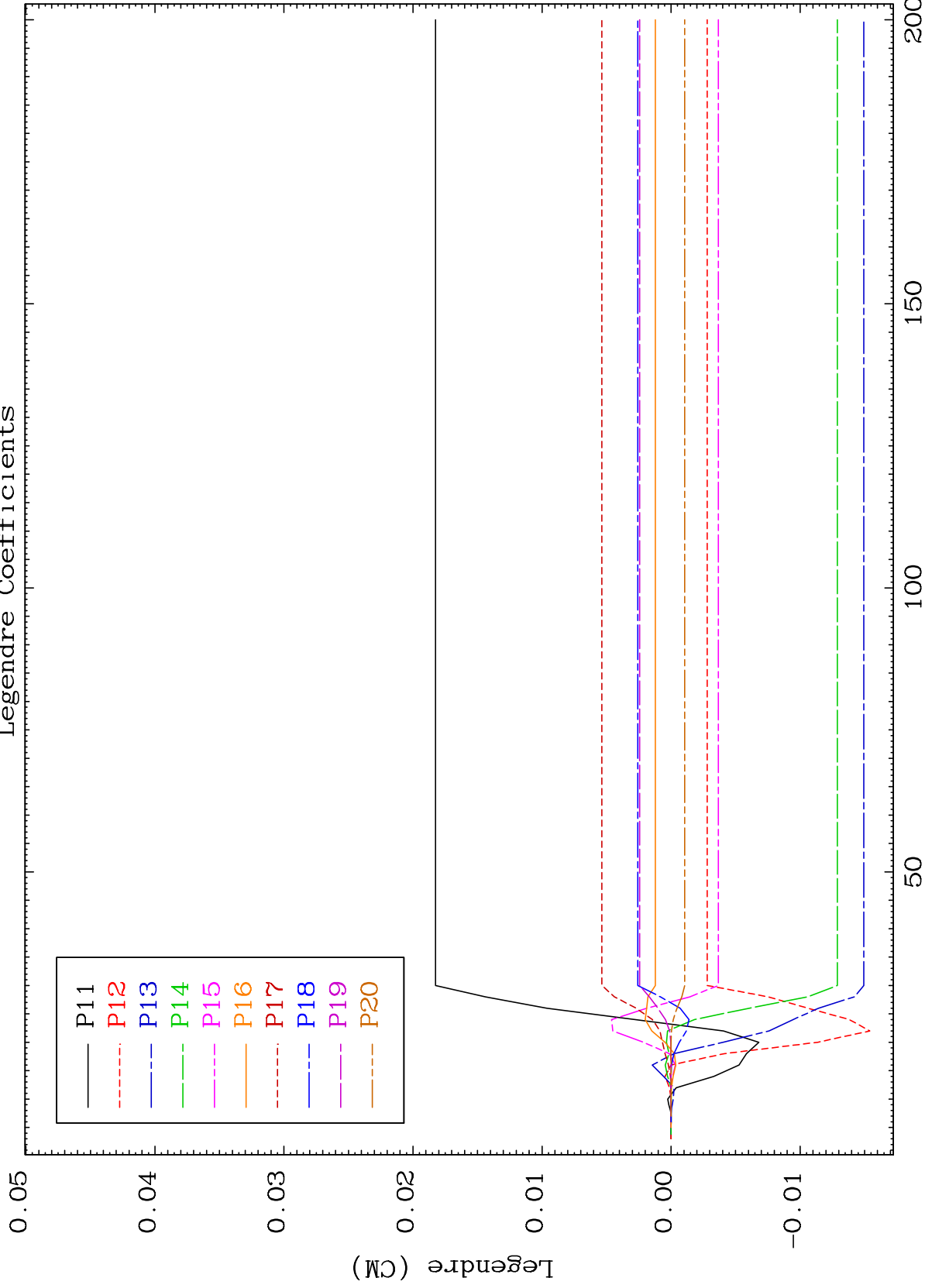
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



113

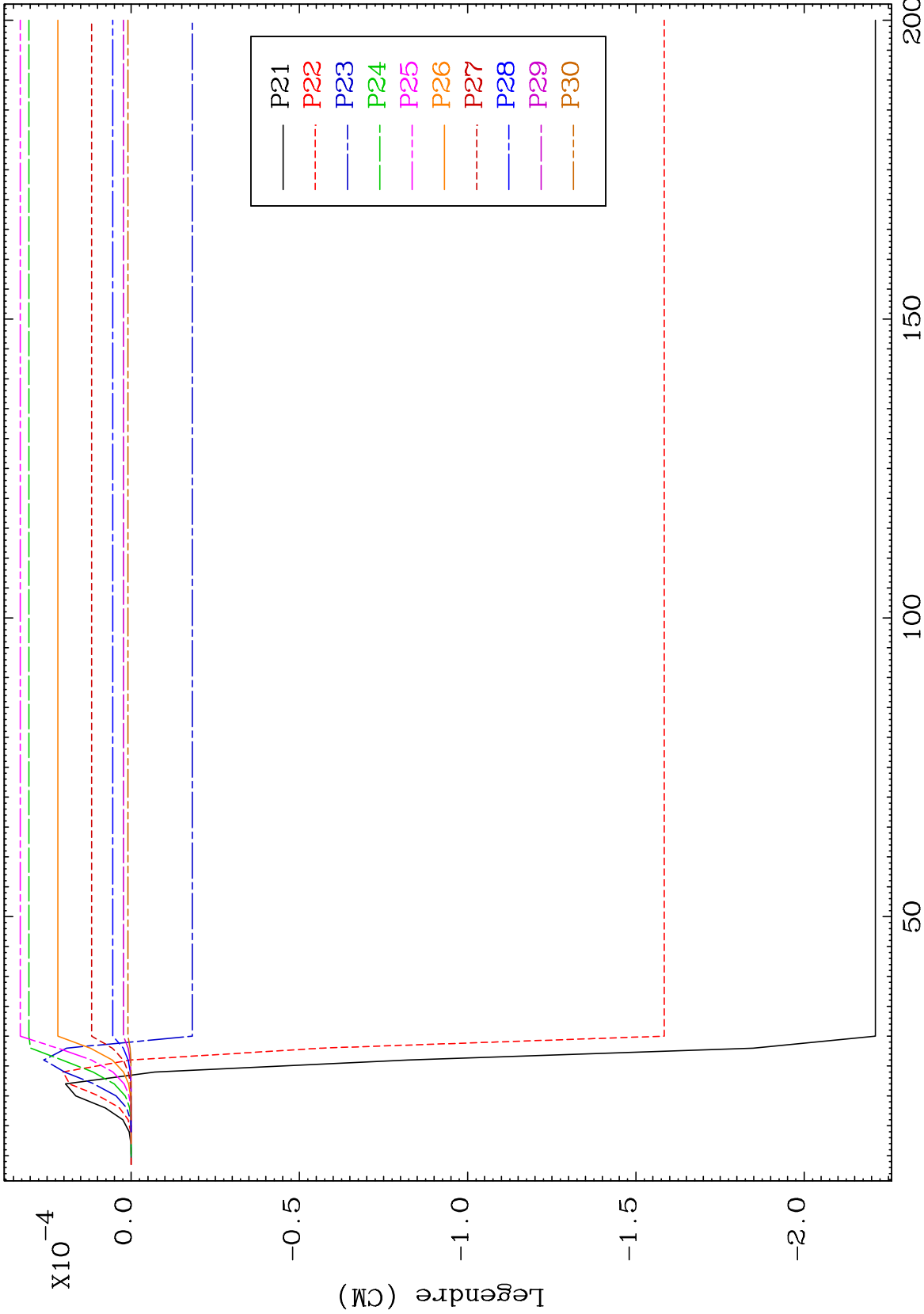
85-At-209

85-At-209

MAT 8543

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

85-At-209



114

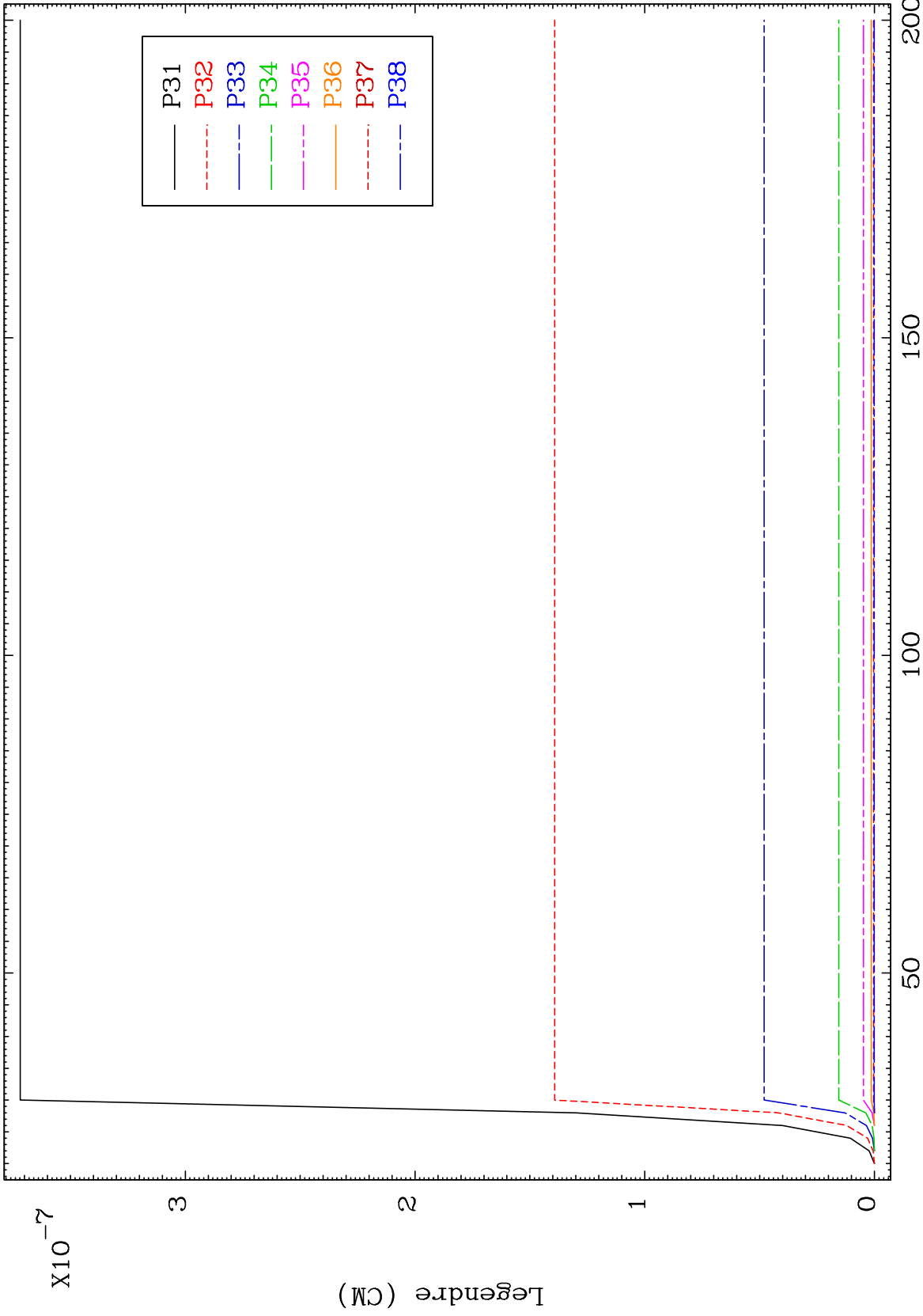
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



115

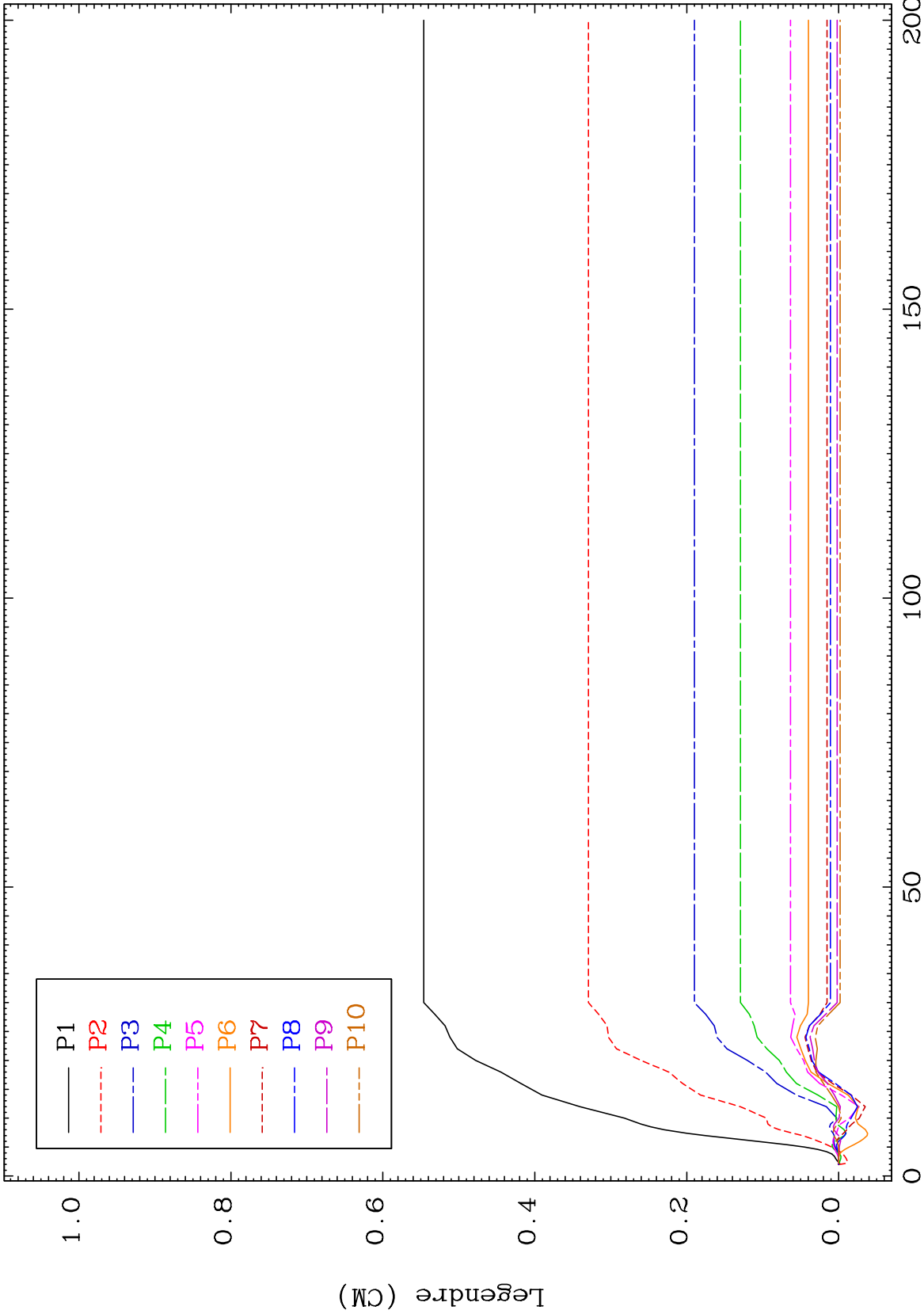
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



116

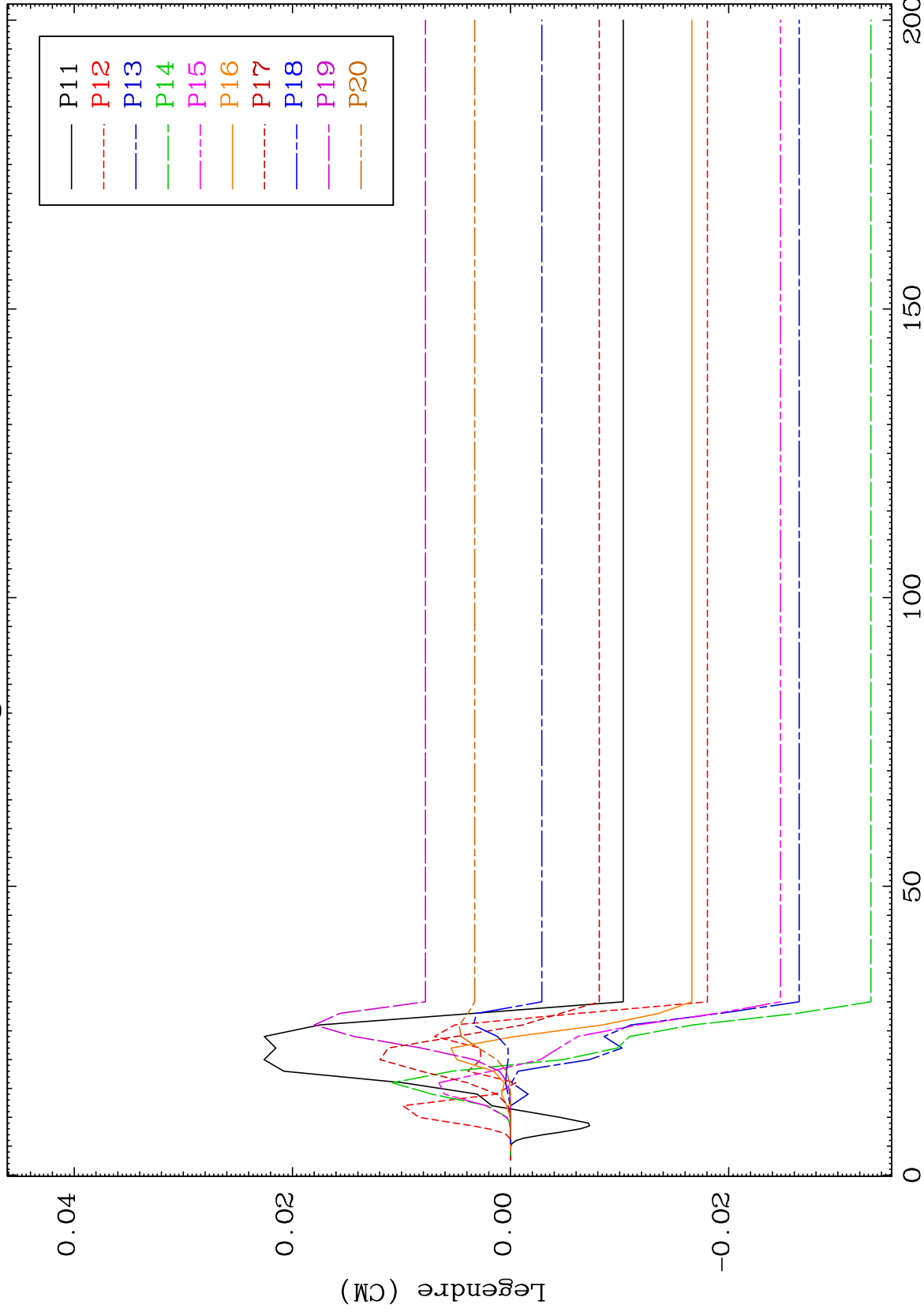
Incident Energy (MeV)

85-At-209

MAT 8543

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

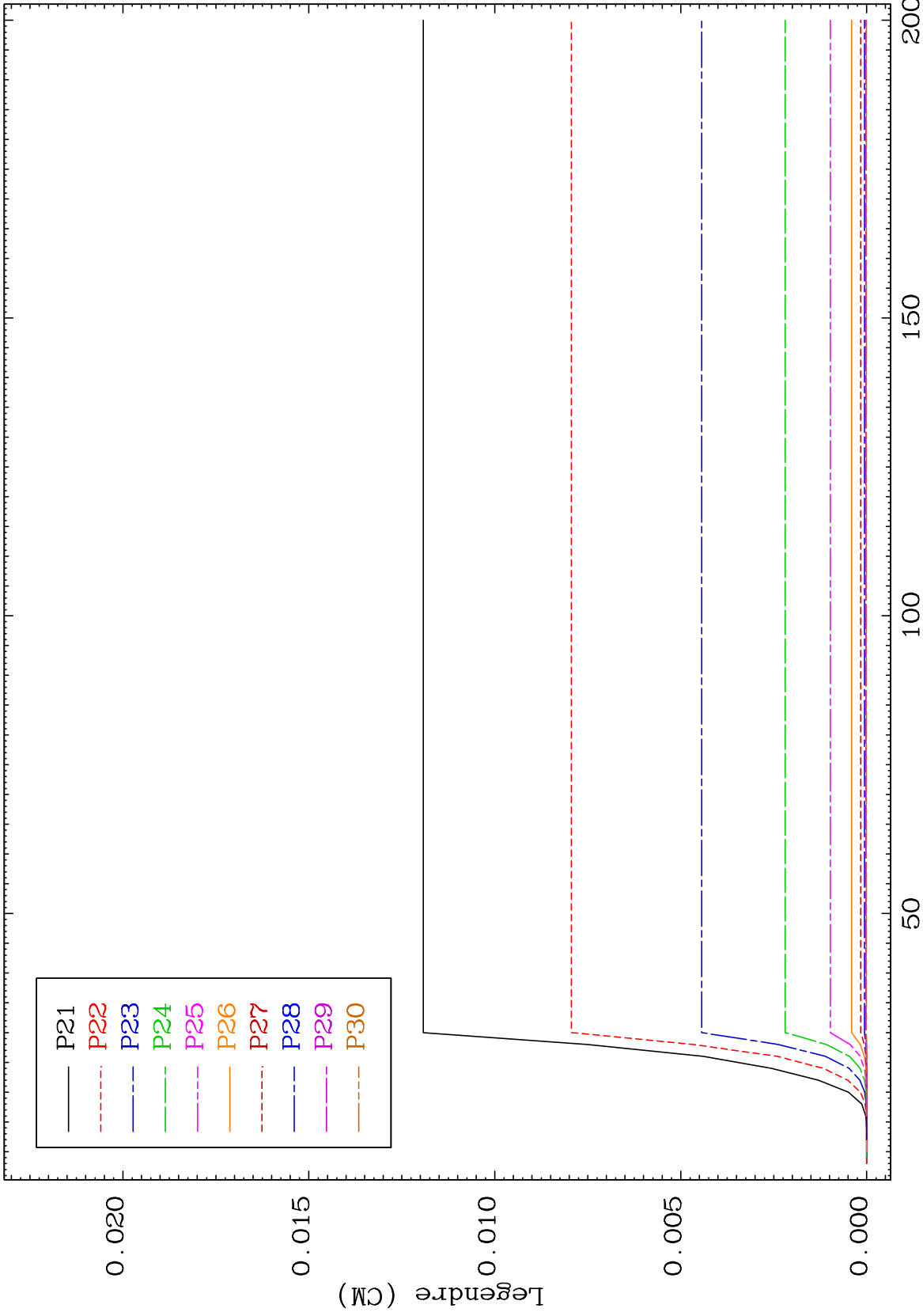
85-At-209



117

Incident Energy (MeV)

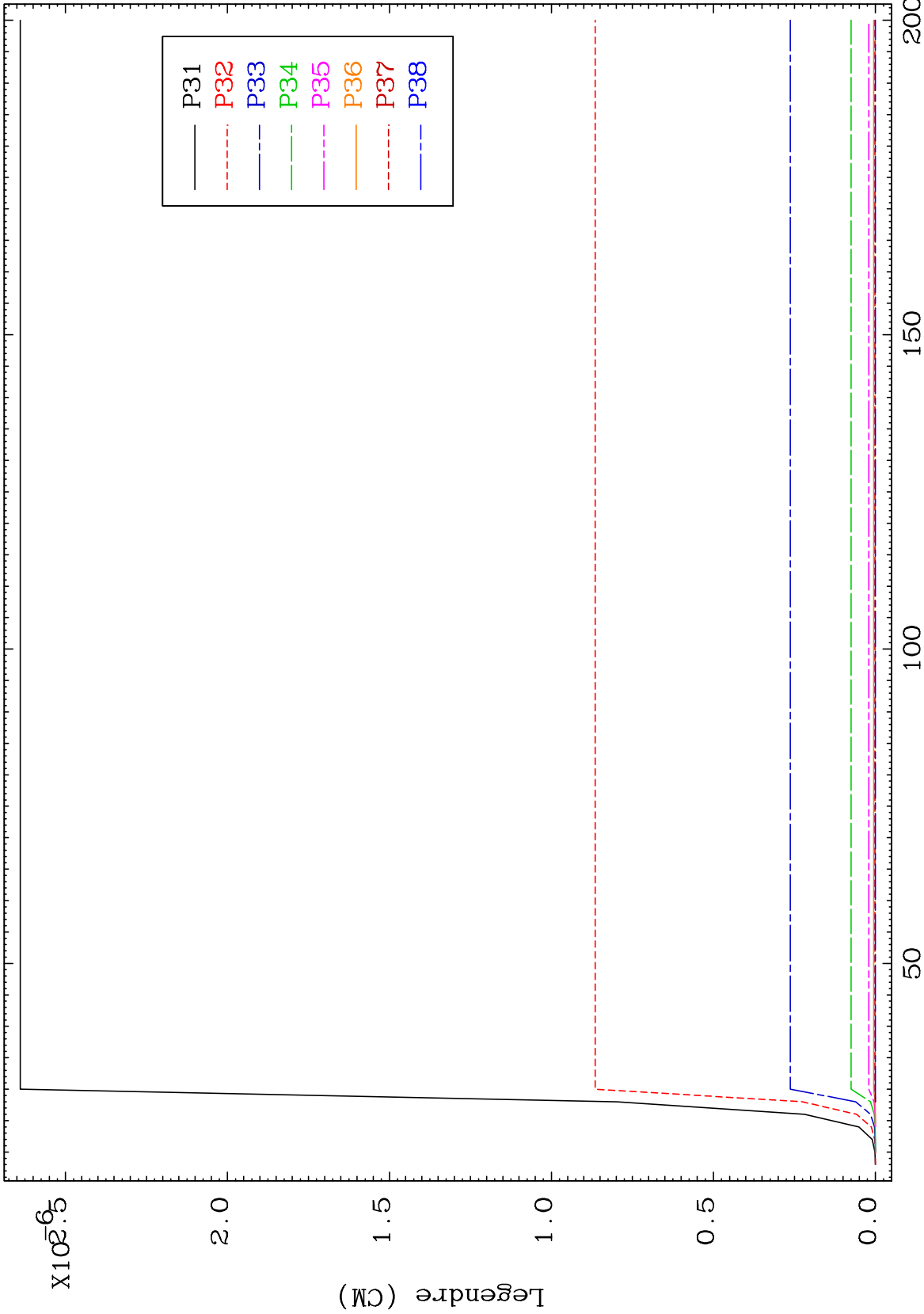
85-At-209



MAT 8543

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

85-At-209



119

Incident Energy (MeV)

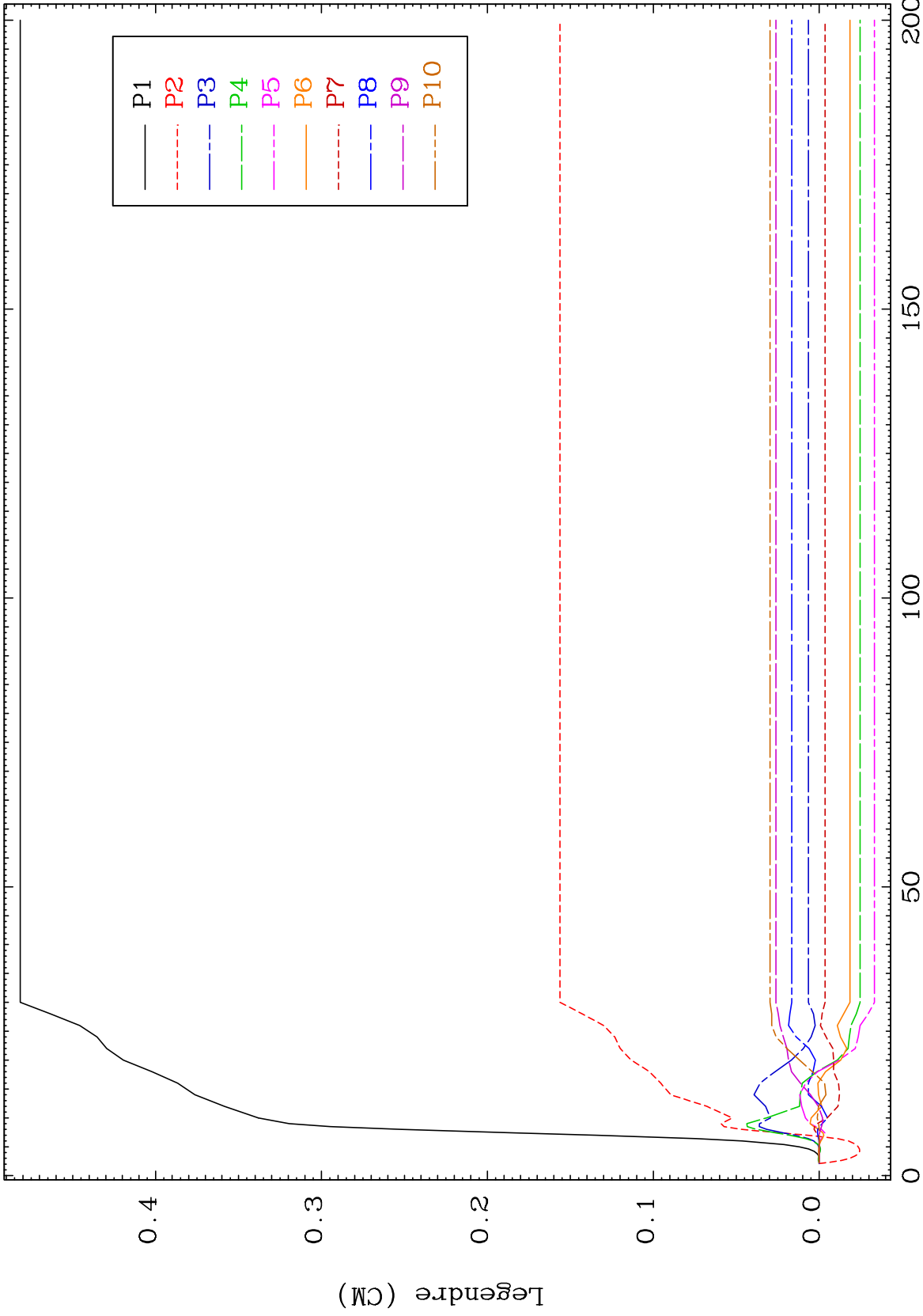
85-At-209



MAT 8543

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

85-At-209



85-At-209

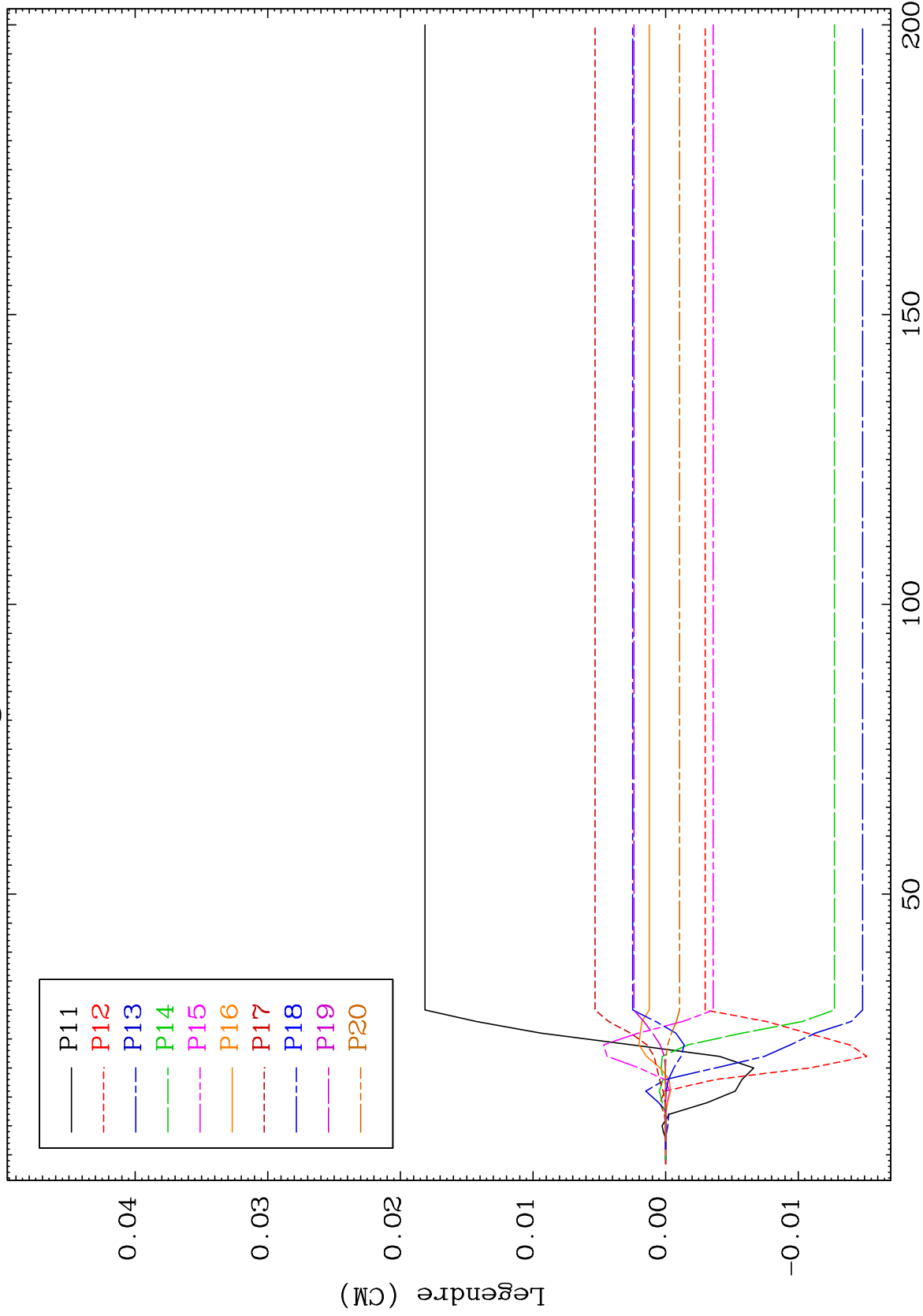
Incident Energy (MeV)

120

MAT 8543

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

85-At-209



121

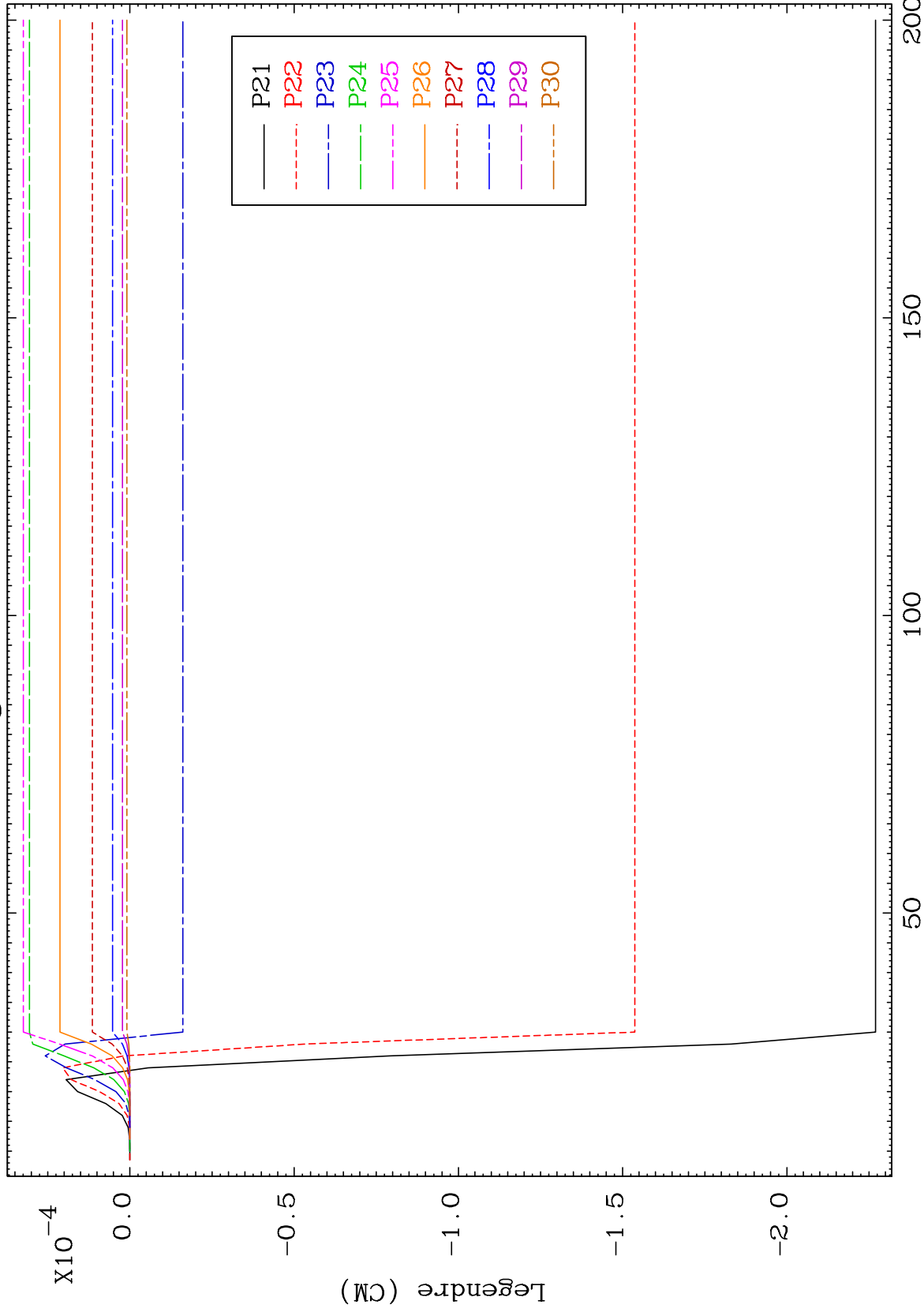
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



122

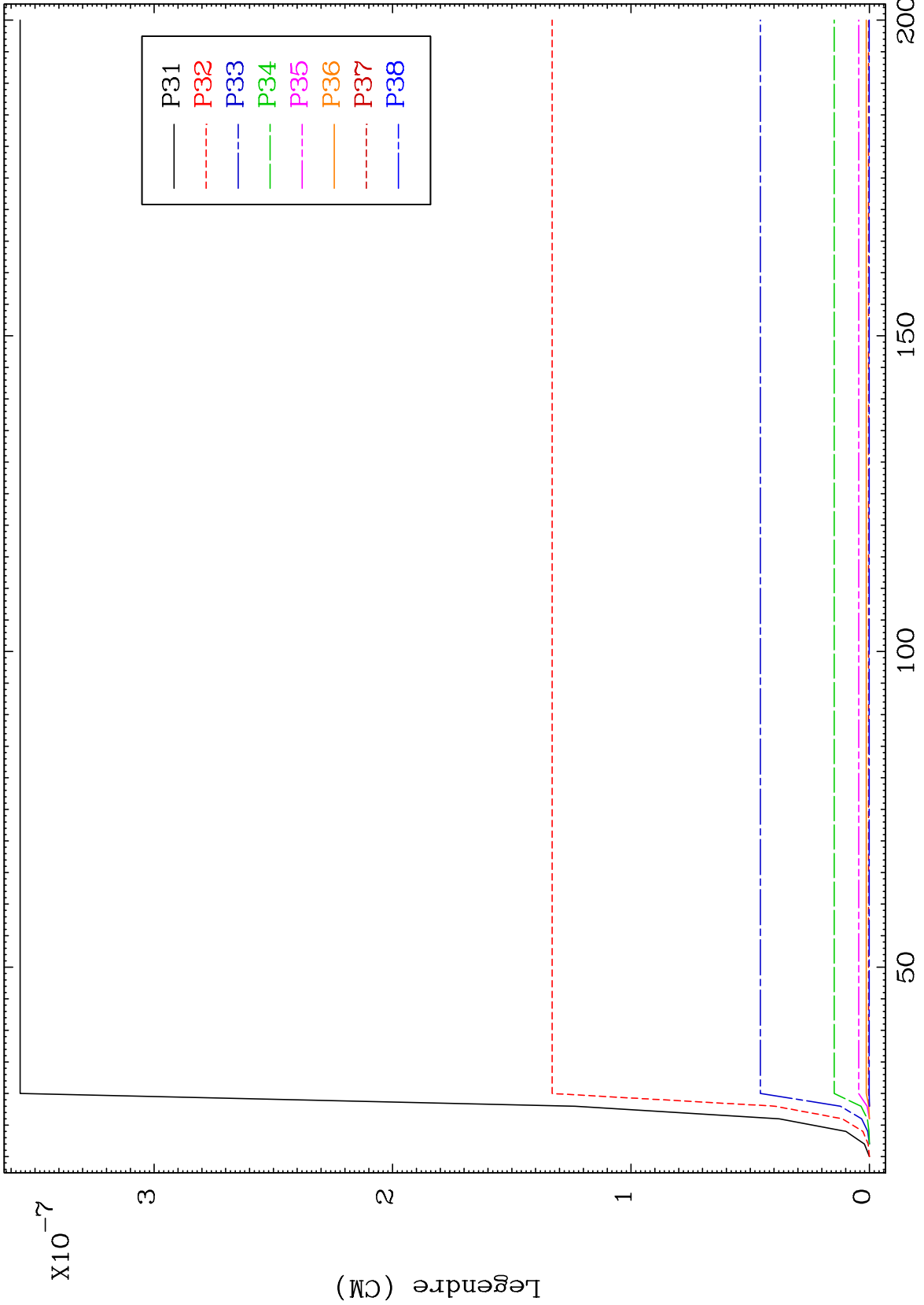
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



123

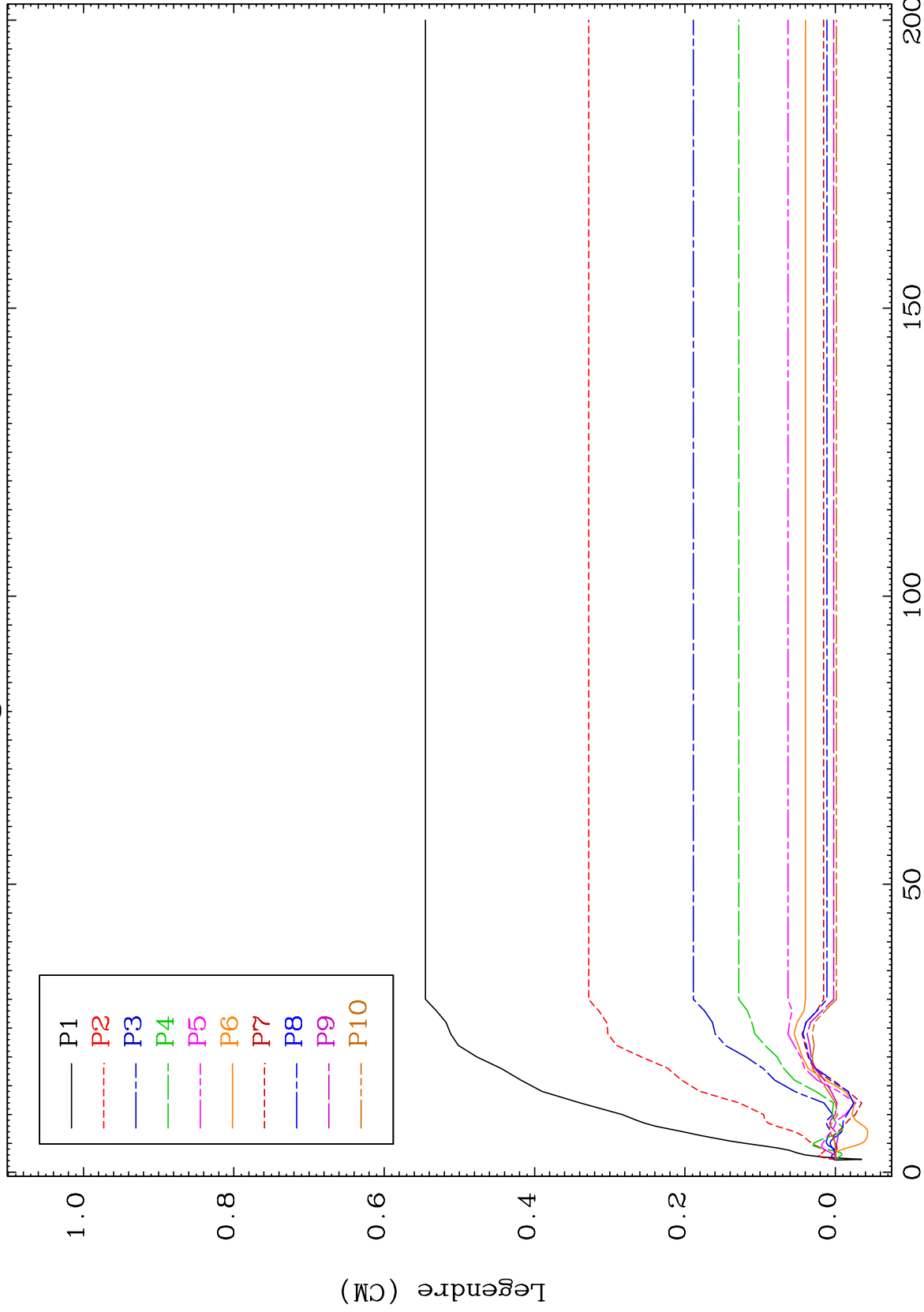
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



124

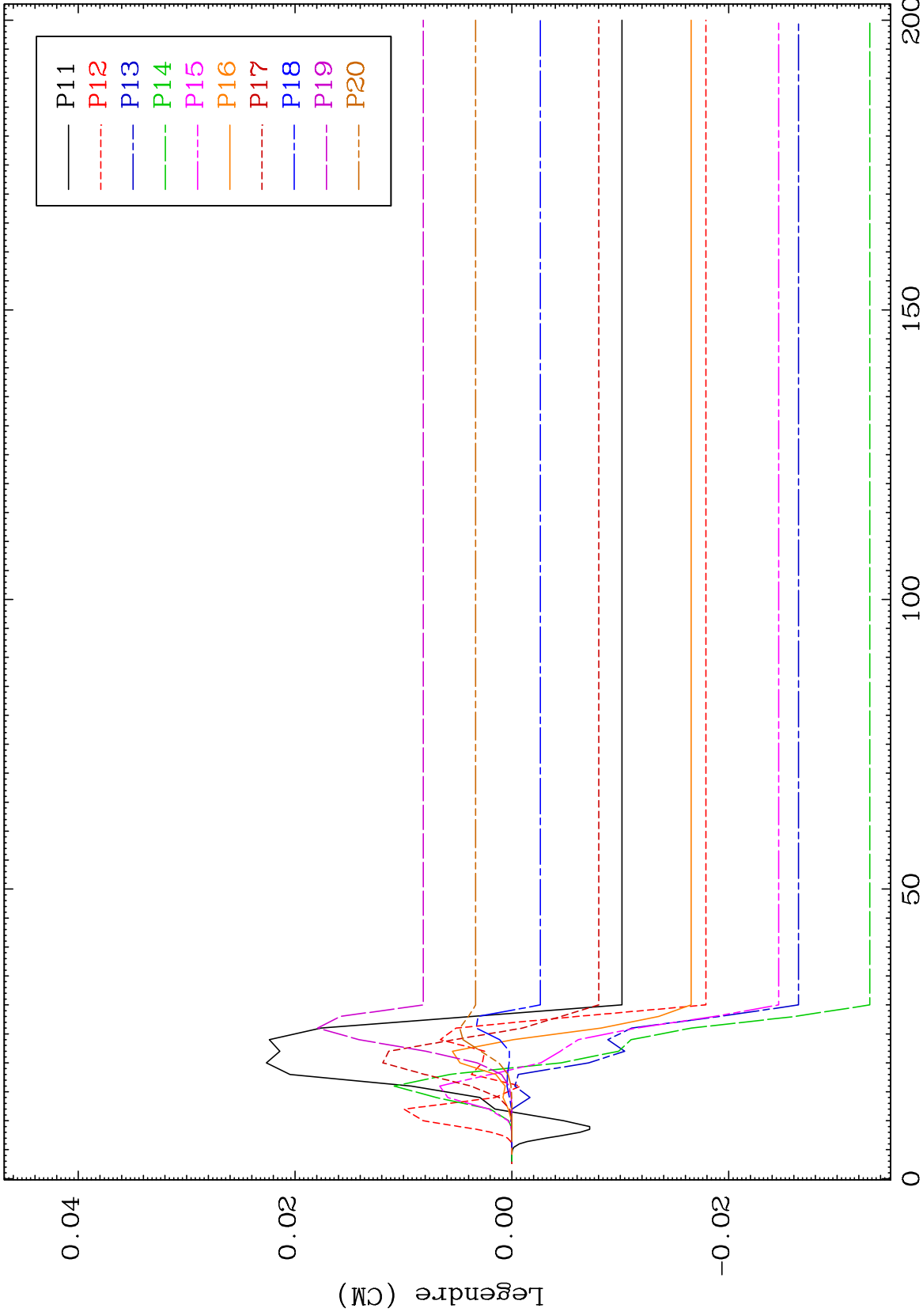
Incident Energy (MeV)

85-At-209

MAT 8543

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

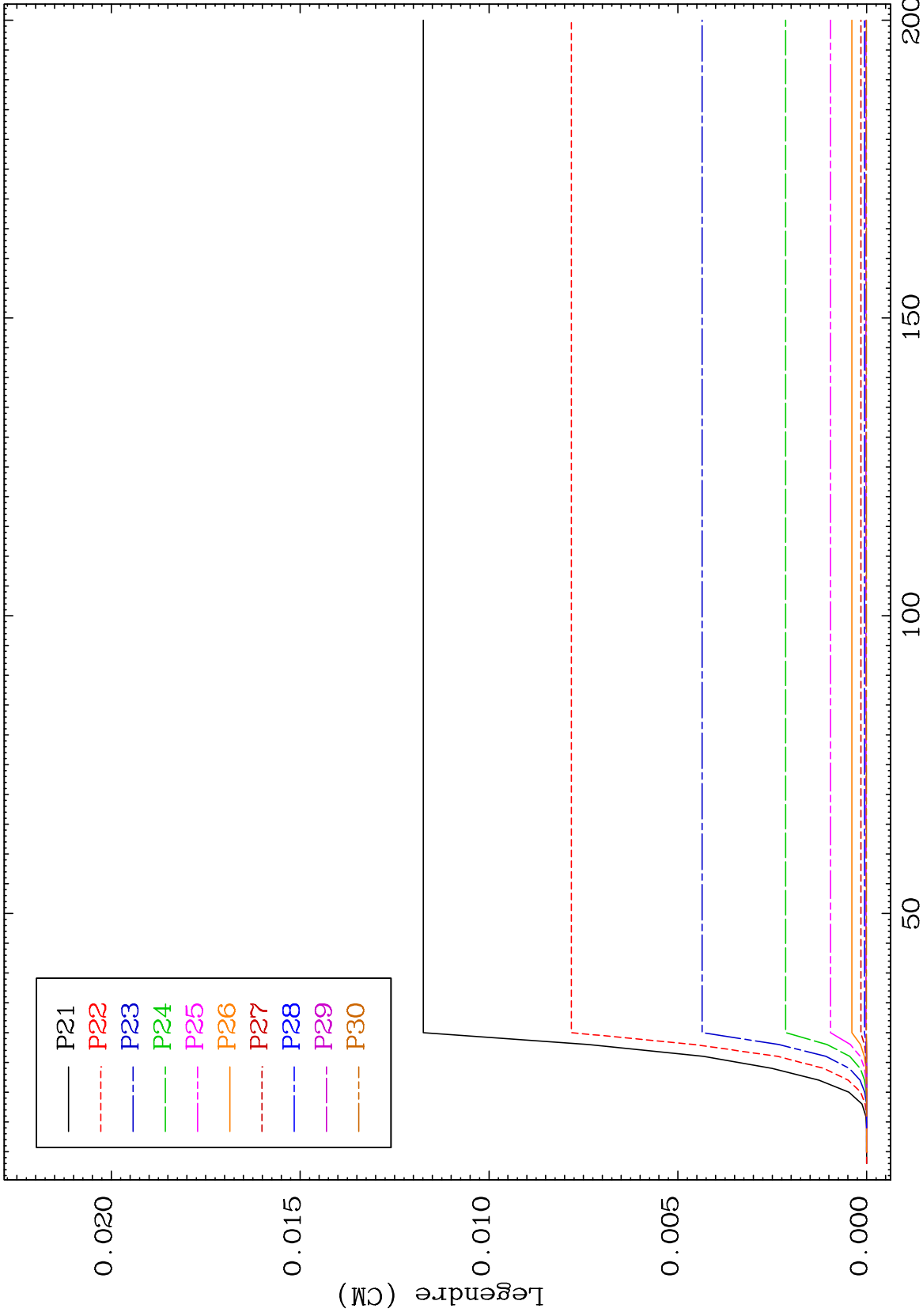
85-At-209



125

Incident Energy (MeV)

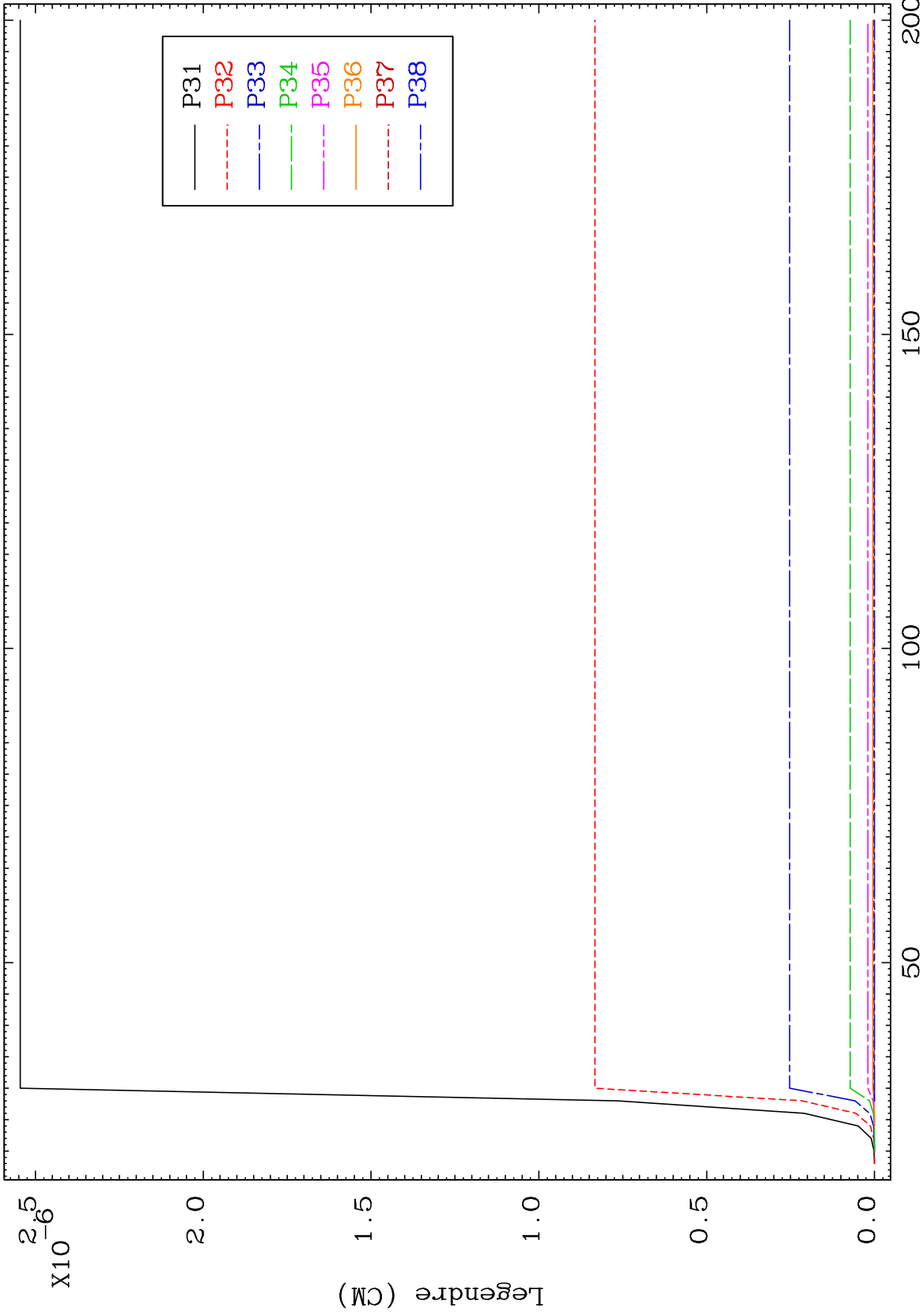
85-At-209



MAT 8543

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

85-At-209



127

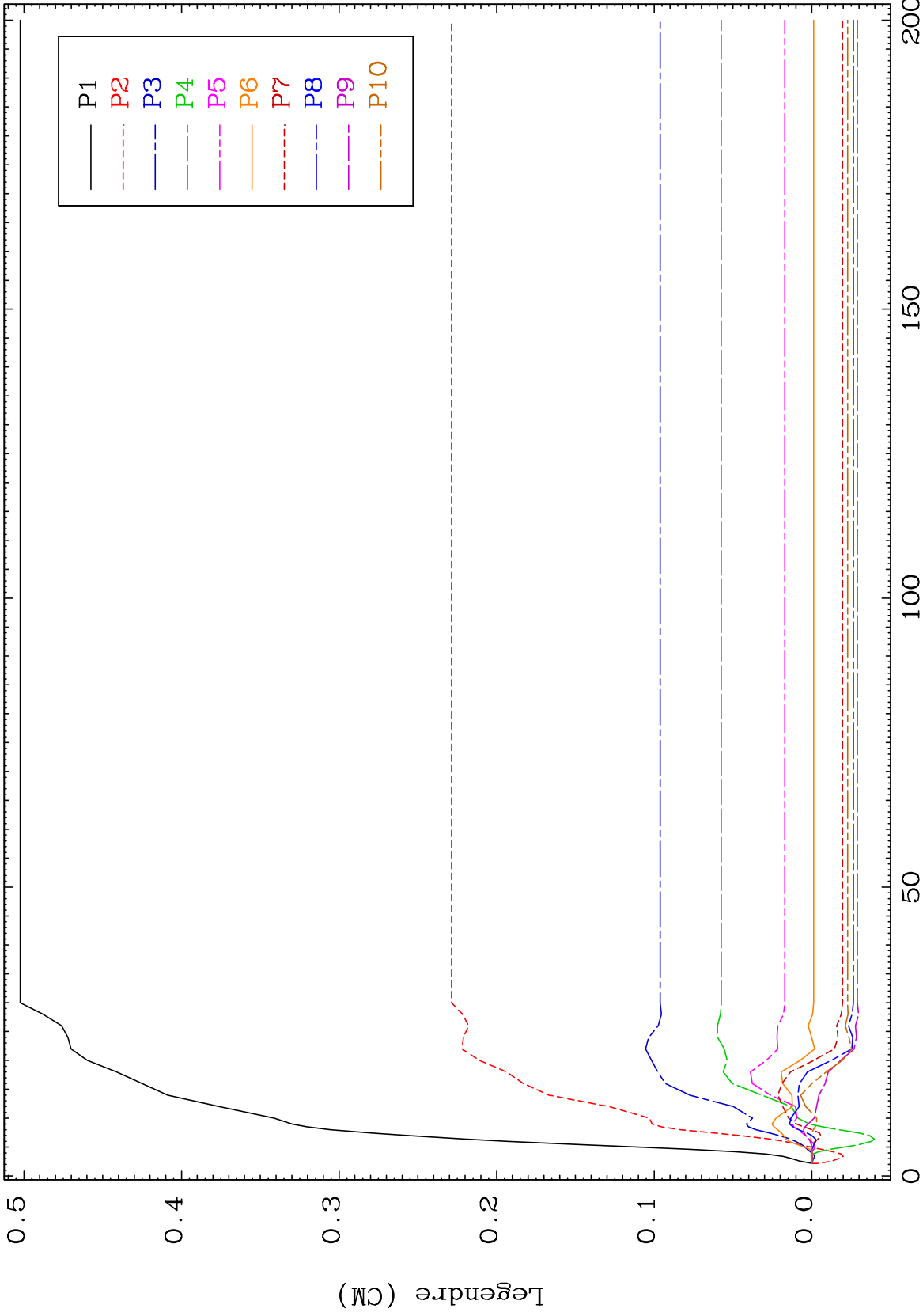
85-At-209



MAT 8543

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

85-At-209



128

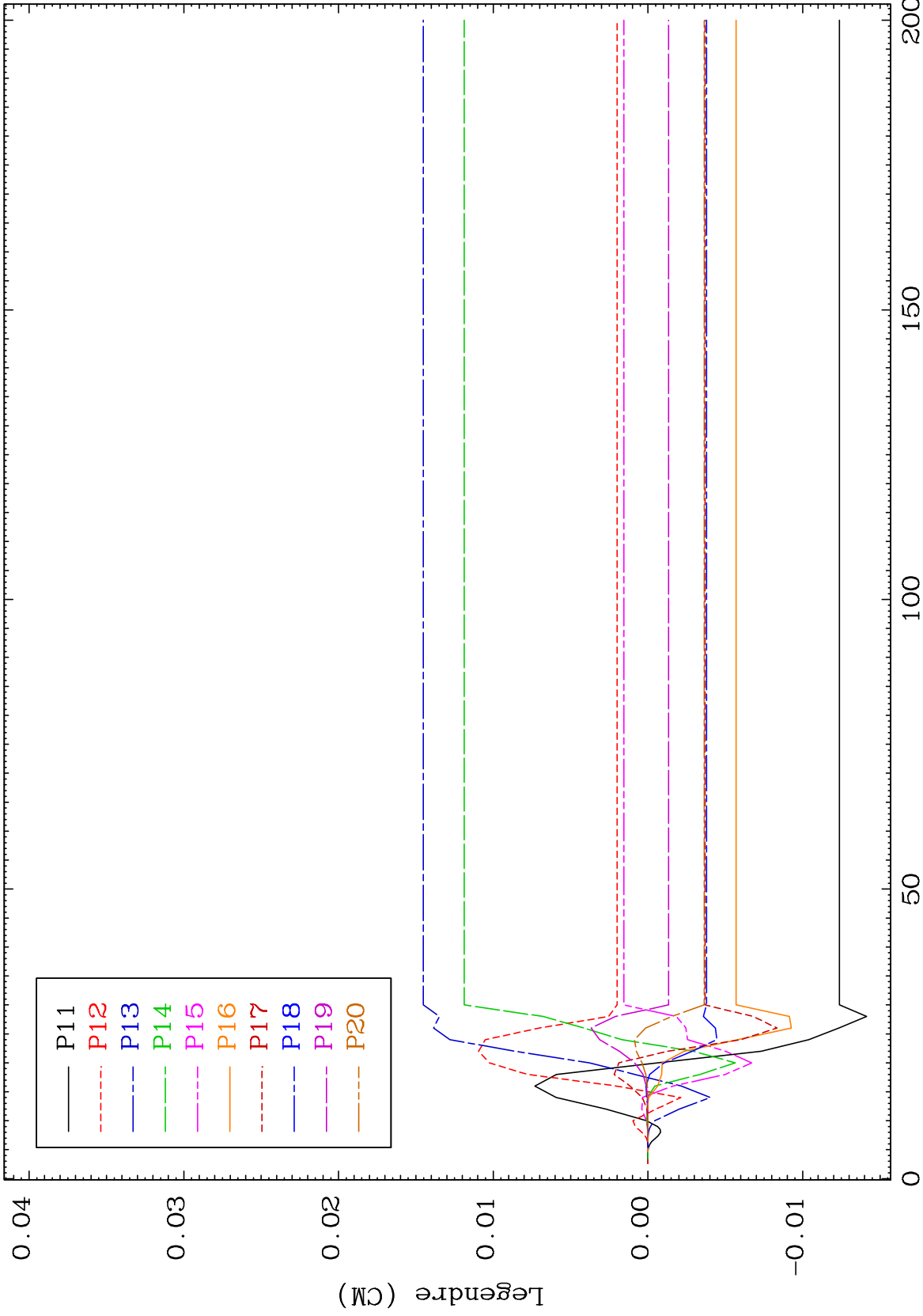
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



129

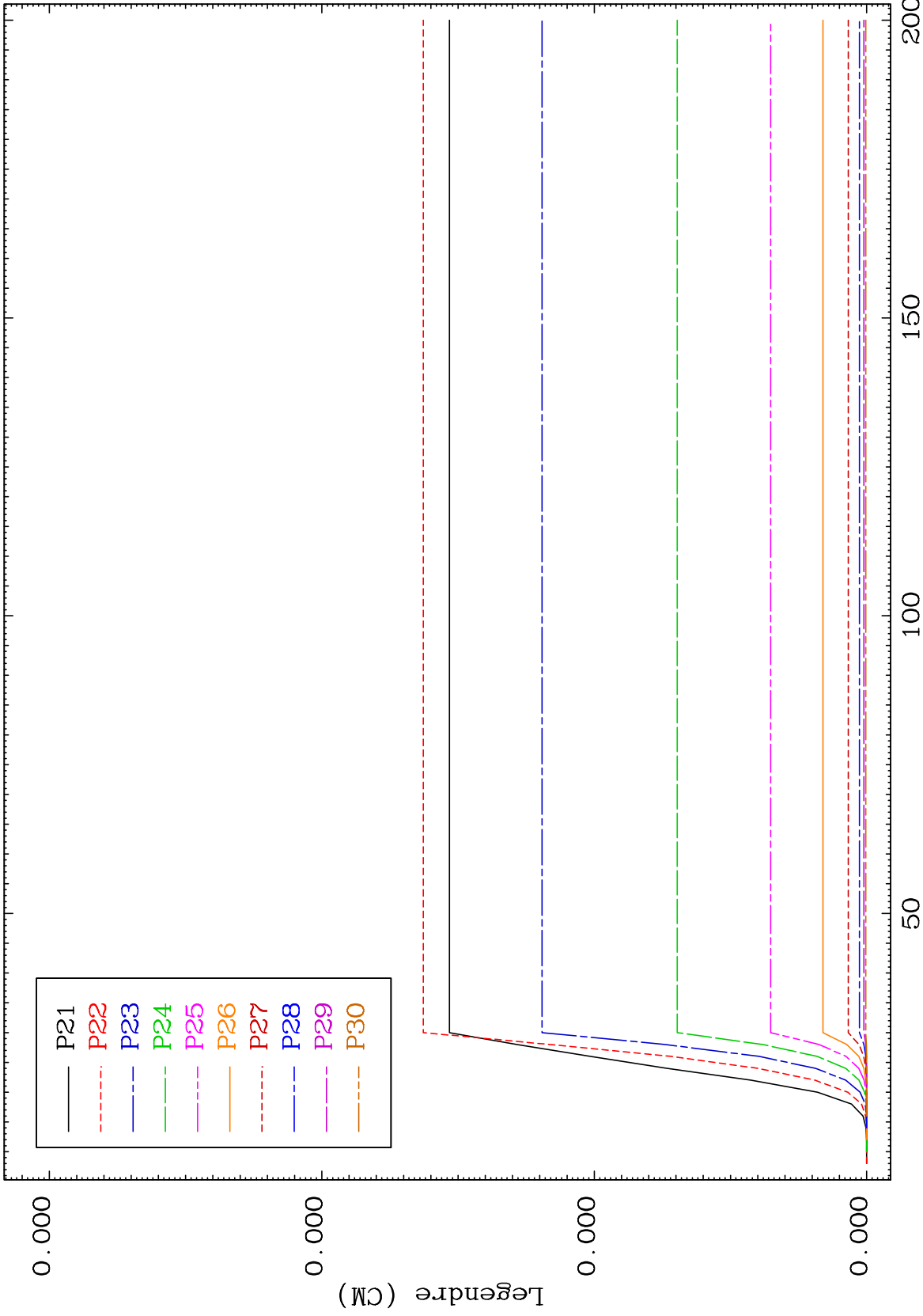
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



130

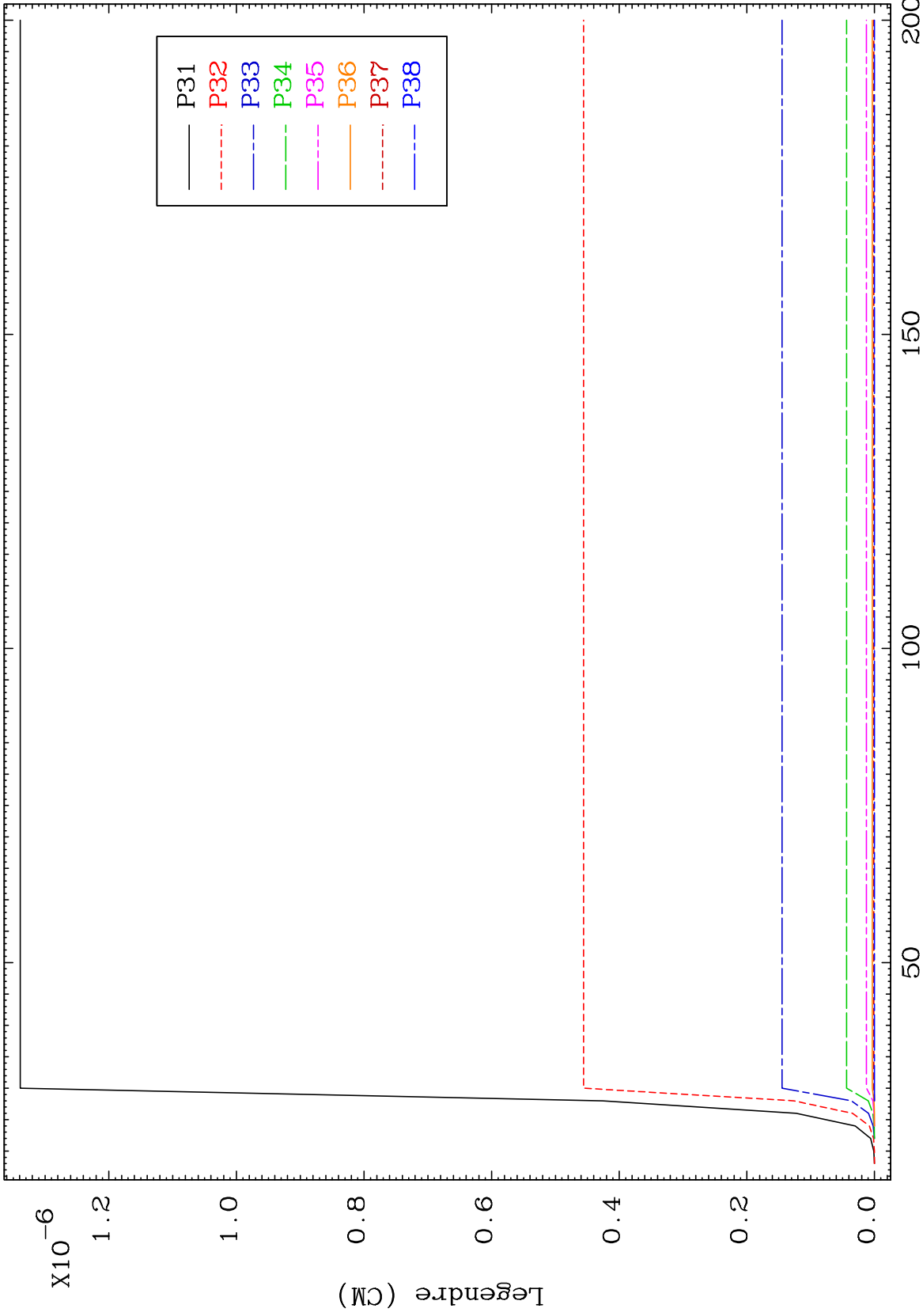
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



131

Incident Energy (MeV)

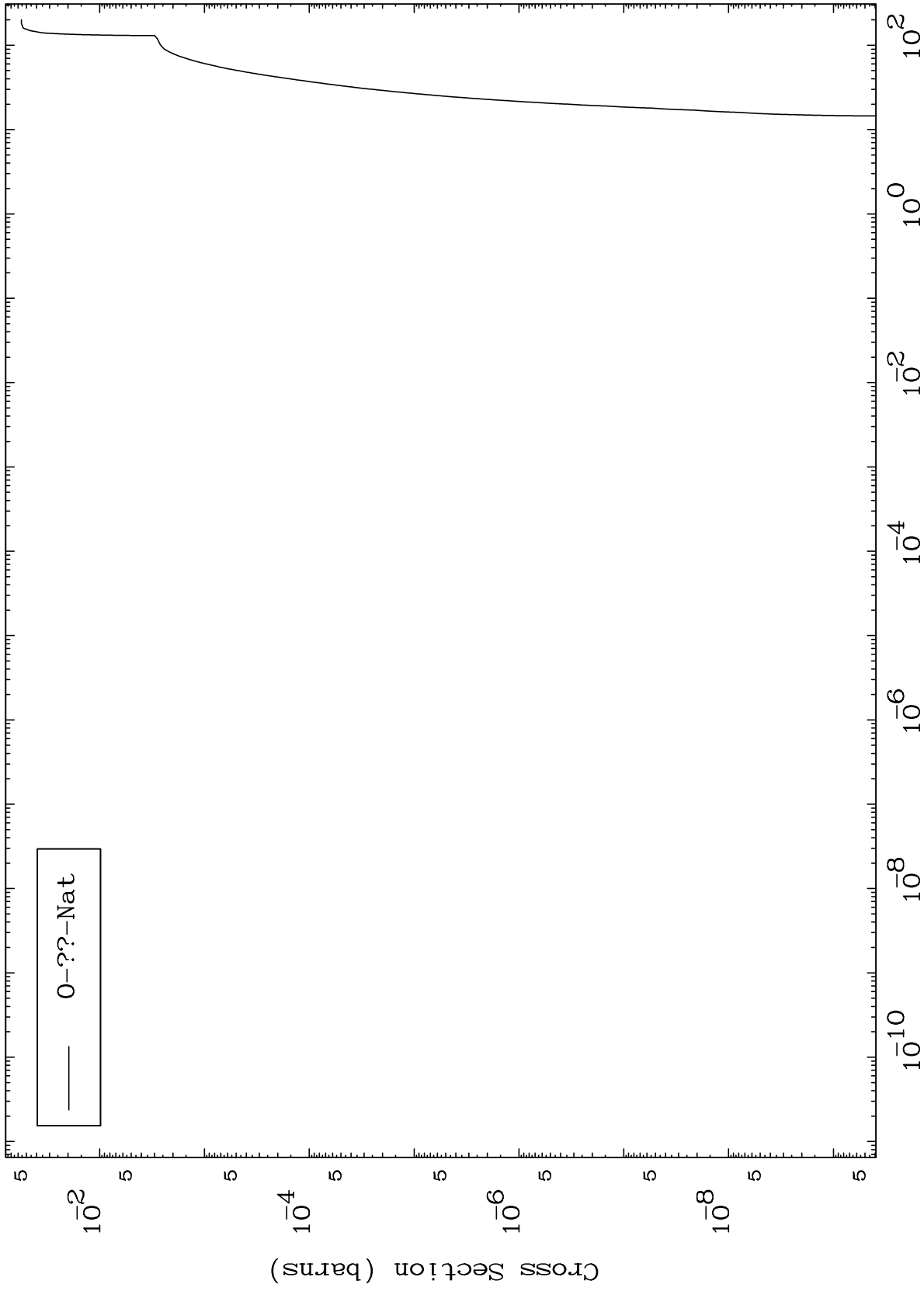
85-At-209

MAT 8543

Fission

85-At-209

Radionuclide Production Cross Section



132

Incident Energy (MeV)

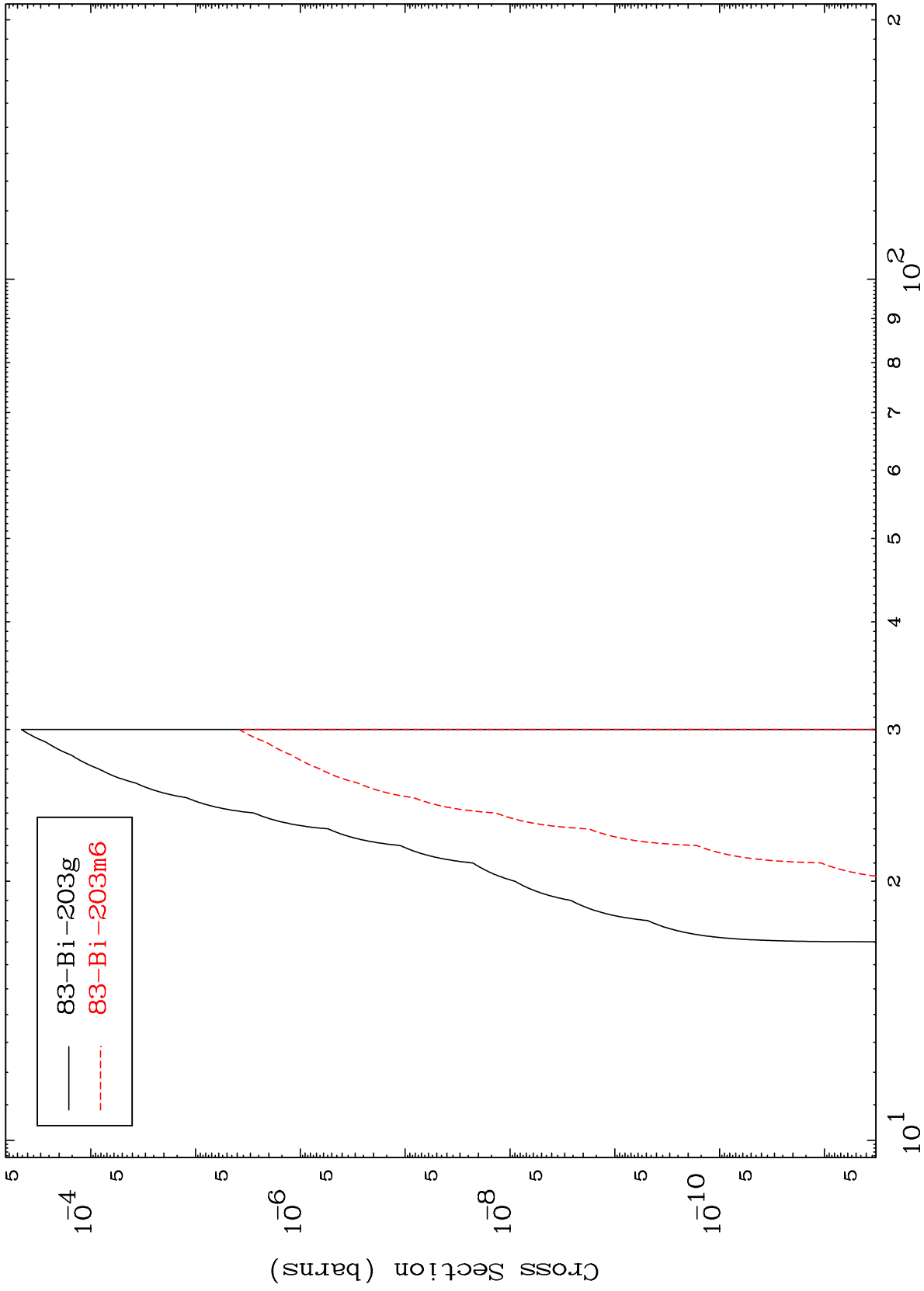
85-At-209

MAT 8543

(n,3n)  $\alpha$

85-At-209

Radionuclide Production Cross Section



133

Incident Energy (MeV)

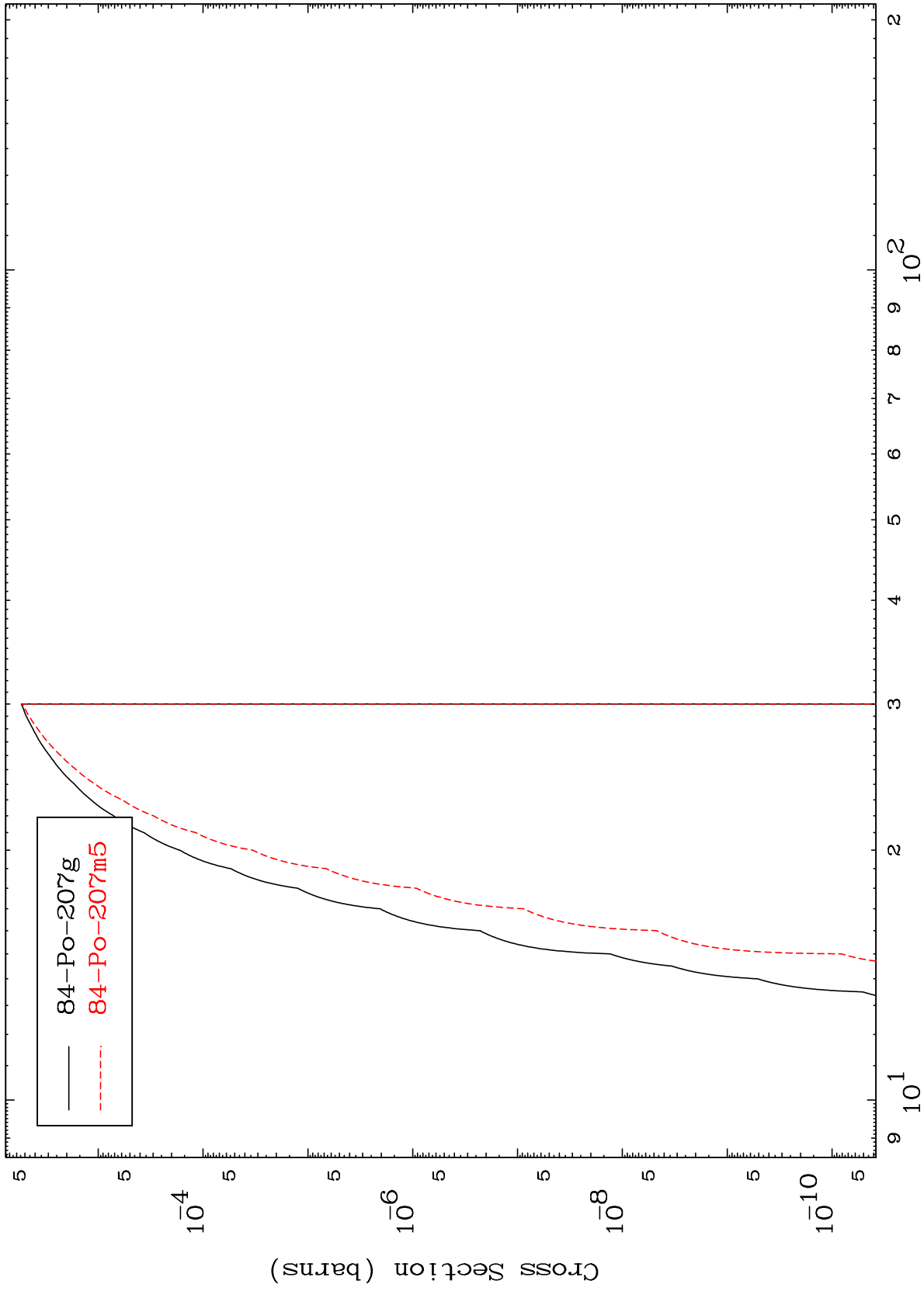
85-At-209

MAT 8543

(n,n') d

85-At-209

Radionuclide Production Cross Section



134

Incident Energy (MeV)

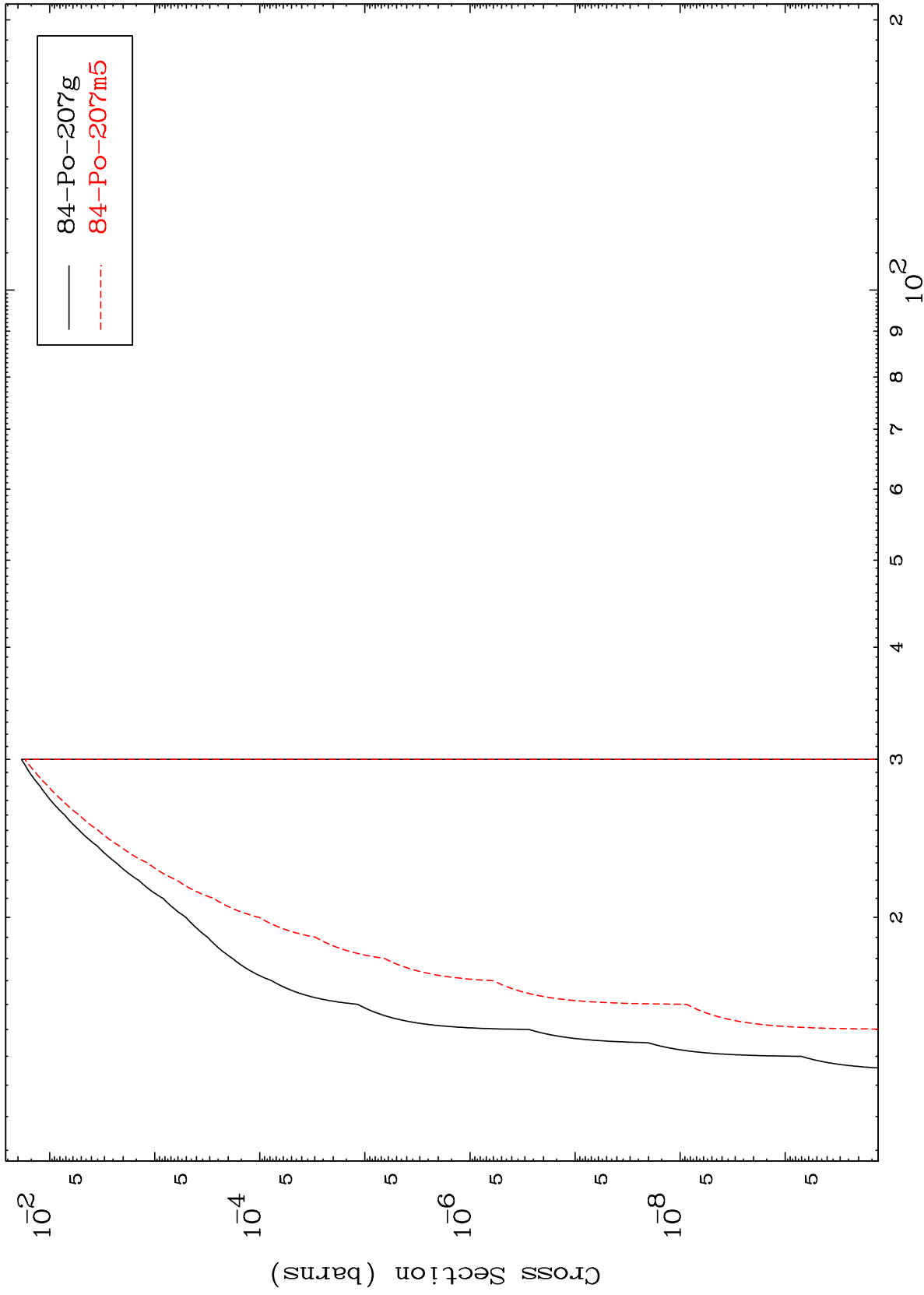
85-At-209

MAT 8543

(n,2n) p

85-At-209

Radionuclide Production Cross Section



135

Incident Energy (MeV)

85-At-209

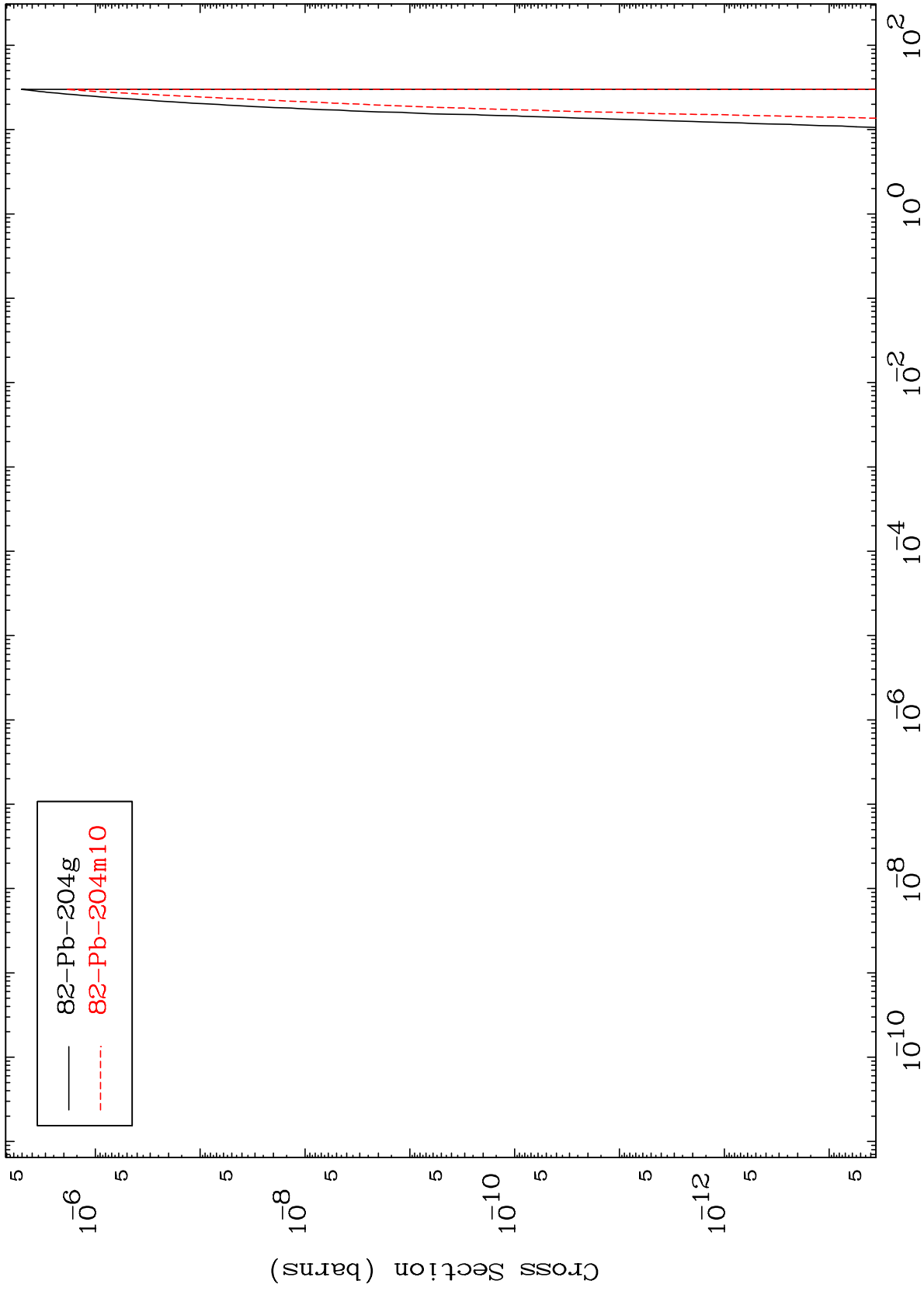


MAT 8543

(n,n') p  $\alpha$

85-At-209

Radionuclide Production Cross Section



136

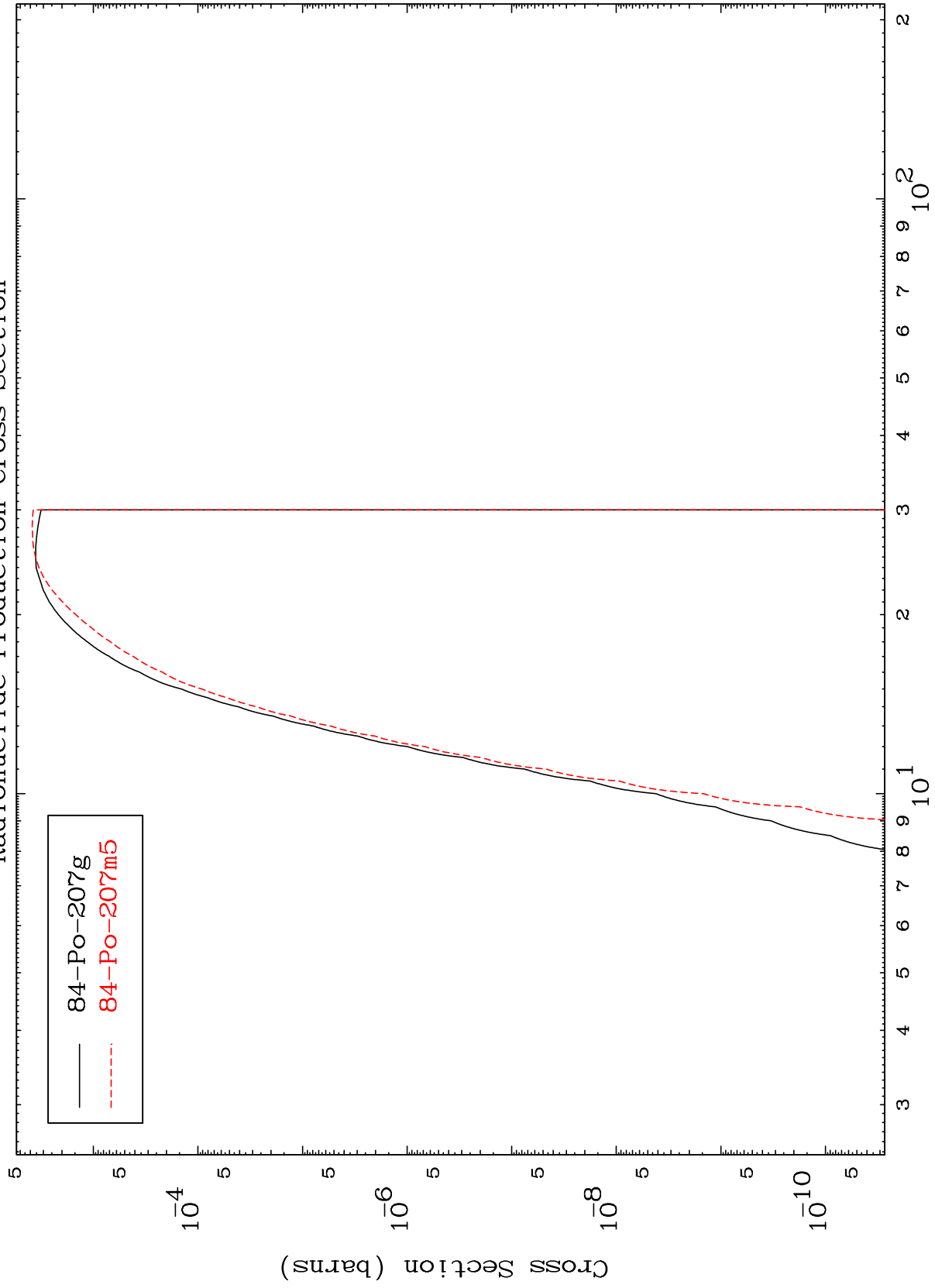
Incident Energy (MeV)

85-At-209

MAT 8543

85-At-209

(n, t)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

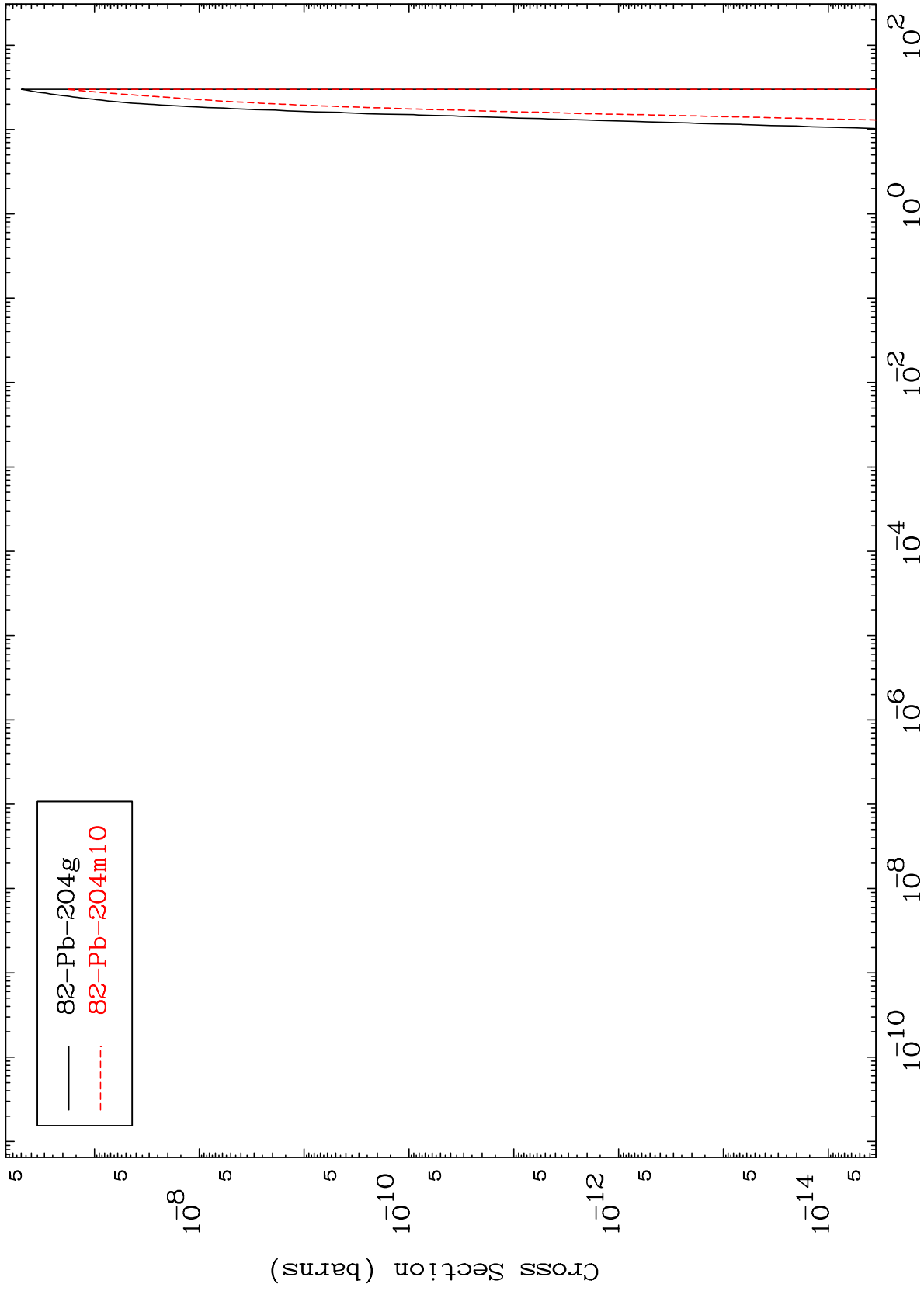
85-At-209

MAT 8543

(n,d)  $\alpha$

85-At-209

Radionuclide Production Cross Section



138

Incident Energy (MeV)

85-At-209