

Program EVALPLOT
(Version 2021-1)

by

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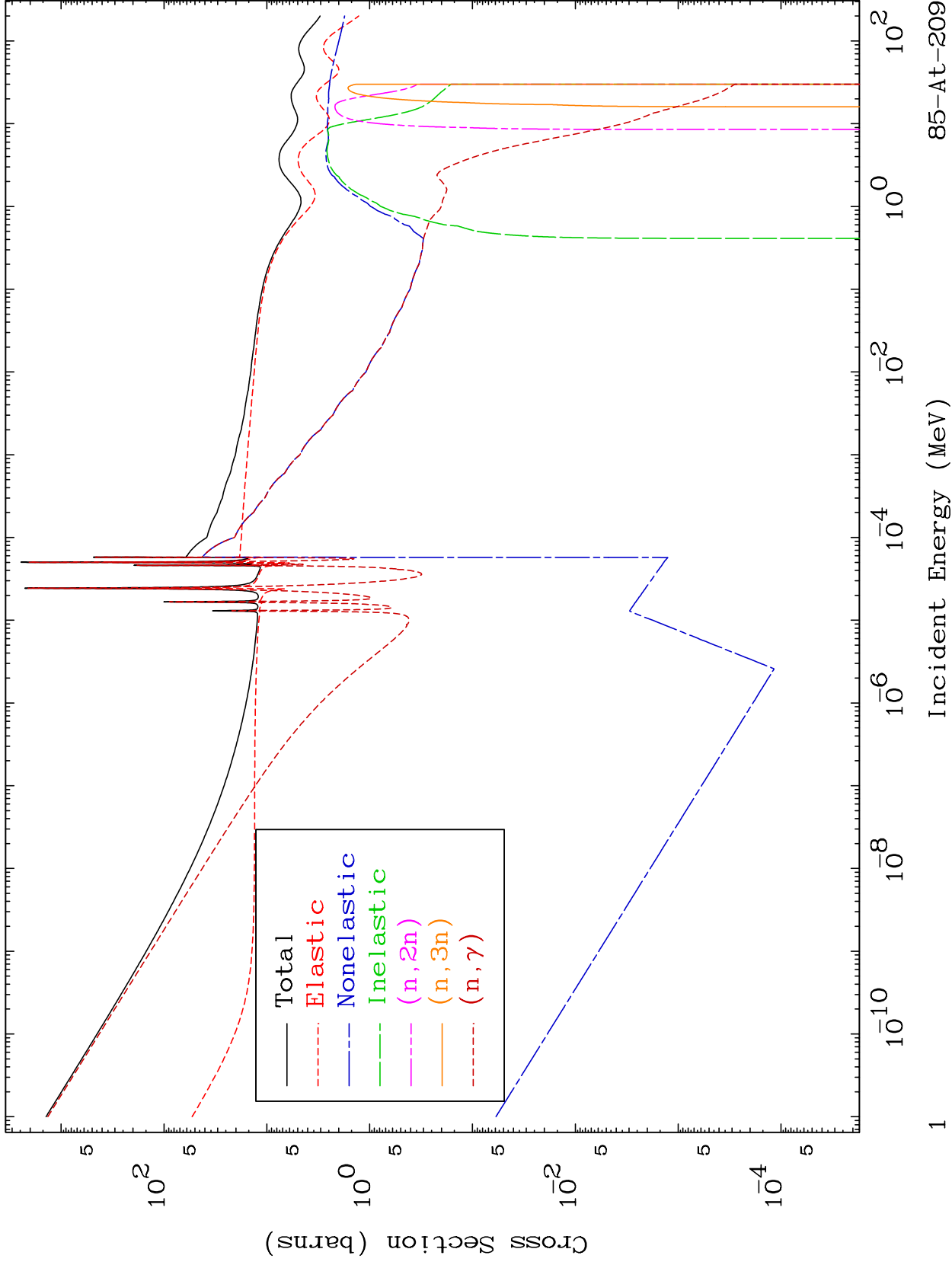
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8543

Neutron Major
293 Kelvin Cross Sections

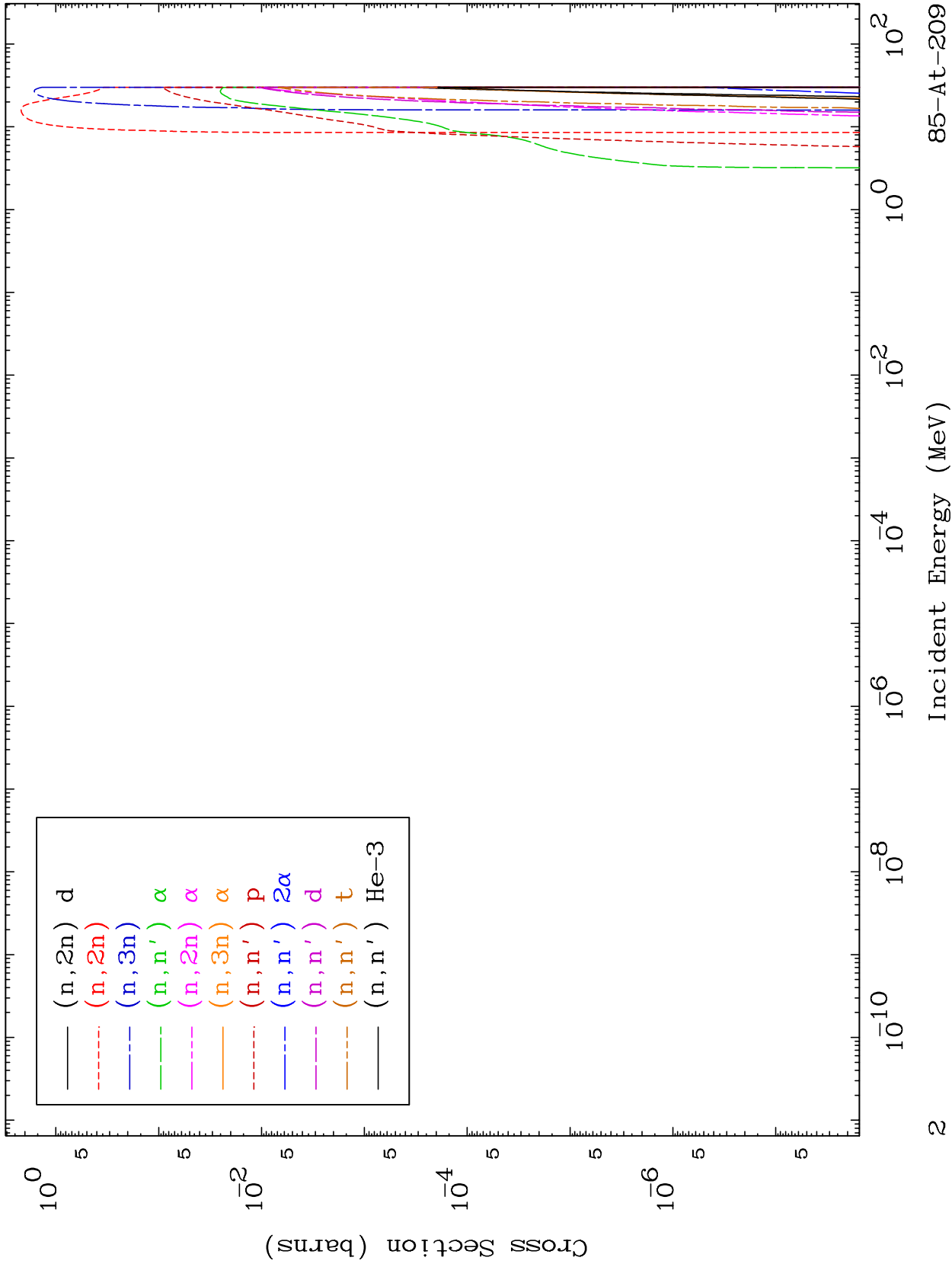
85-At-209



MAT 8543

Neutron Absorption
293 Kelvin Cross Sections

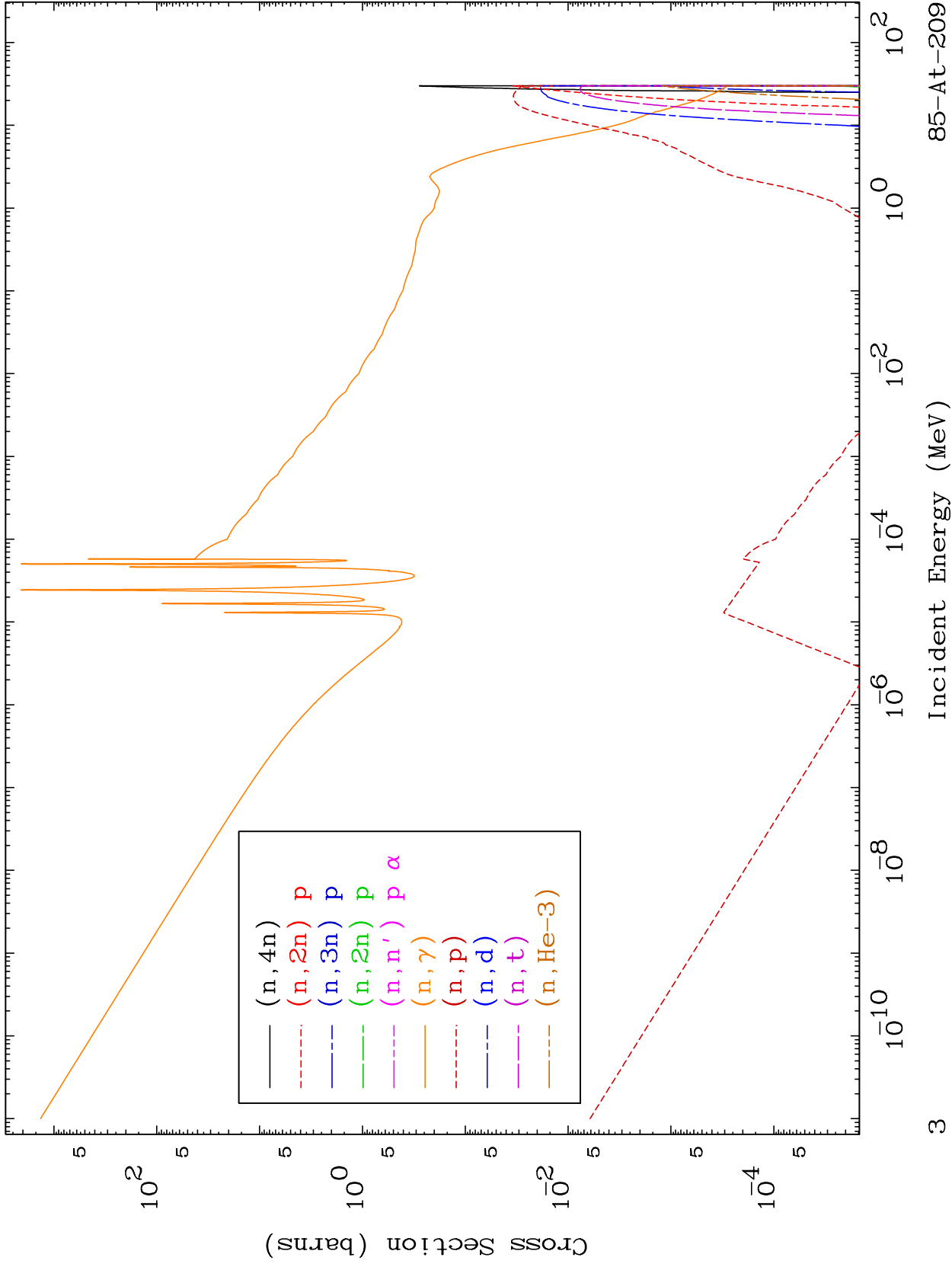
85-At-209



MAT 8543

Neutron Absorption
293 Kelvin Cross Sections

85-At-209



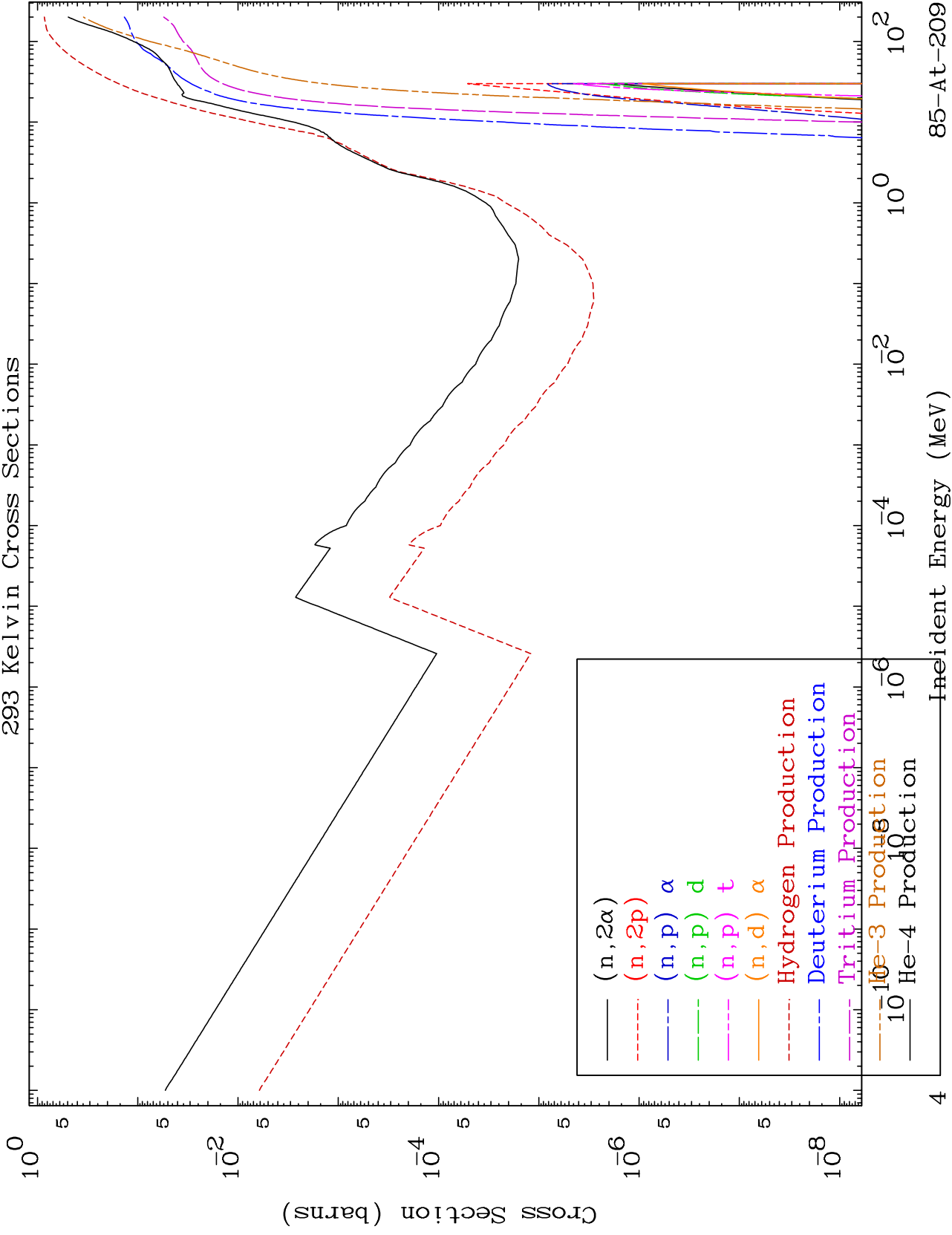
85-At-209

Incident Energy (MeV)

MAT 8543

Neutron Absorption
293 Kelvin Cross Sections

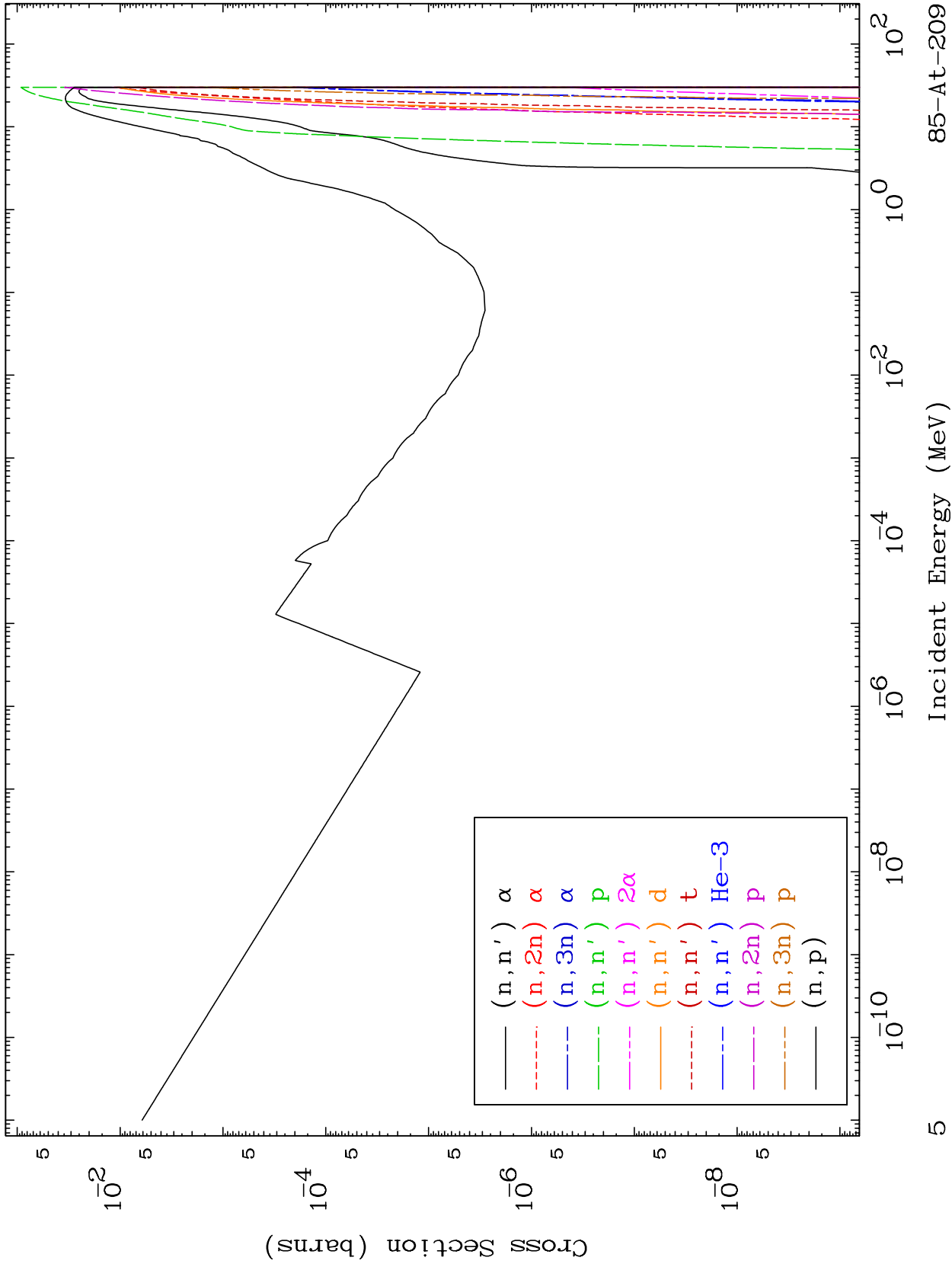
85-At-209



MAT 8543

Charged Particle
293 Kelvin Cross Sections

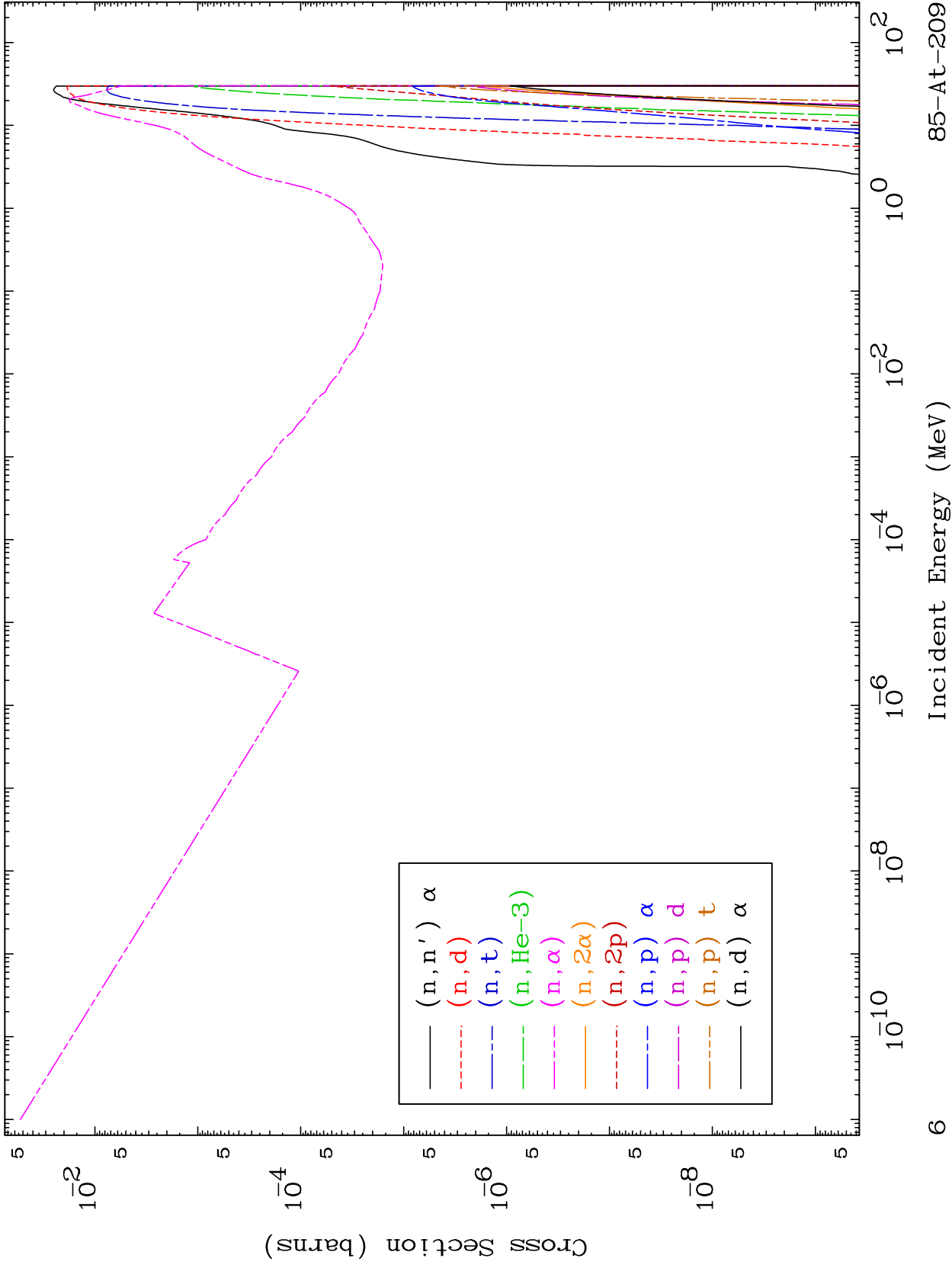
85-At-209



MAT 8543

Charged Particle
293 Kelvin Cross Sections

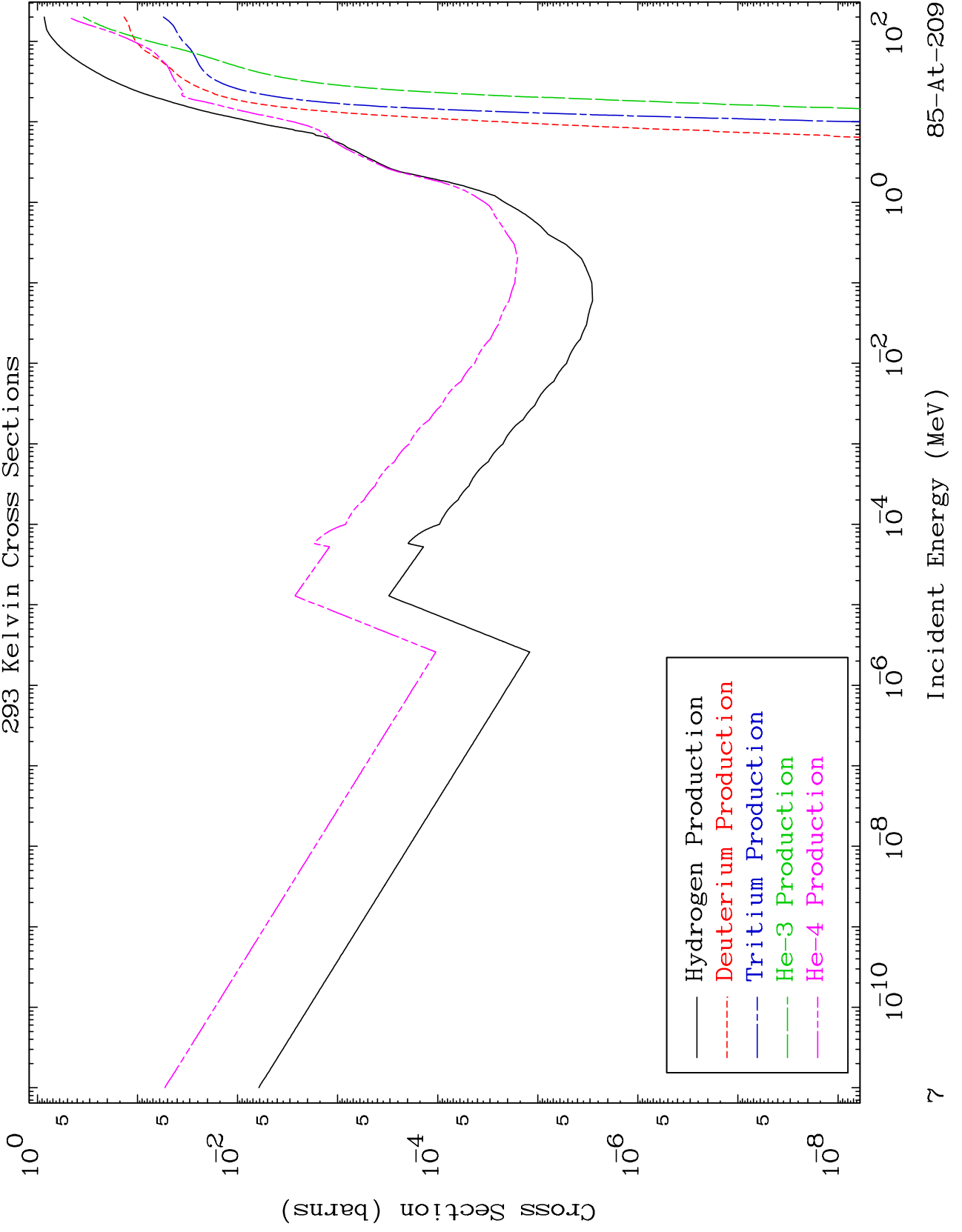
85-At-209



MAT 8543

Particle Production
293 Kelvin Cross Sections

85-At-209

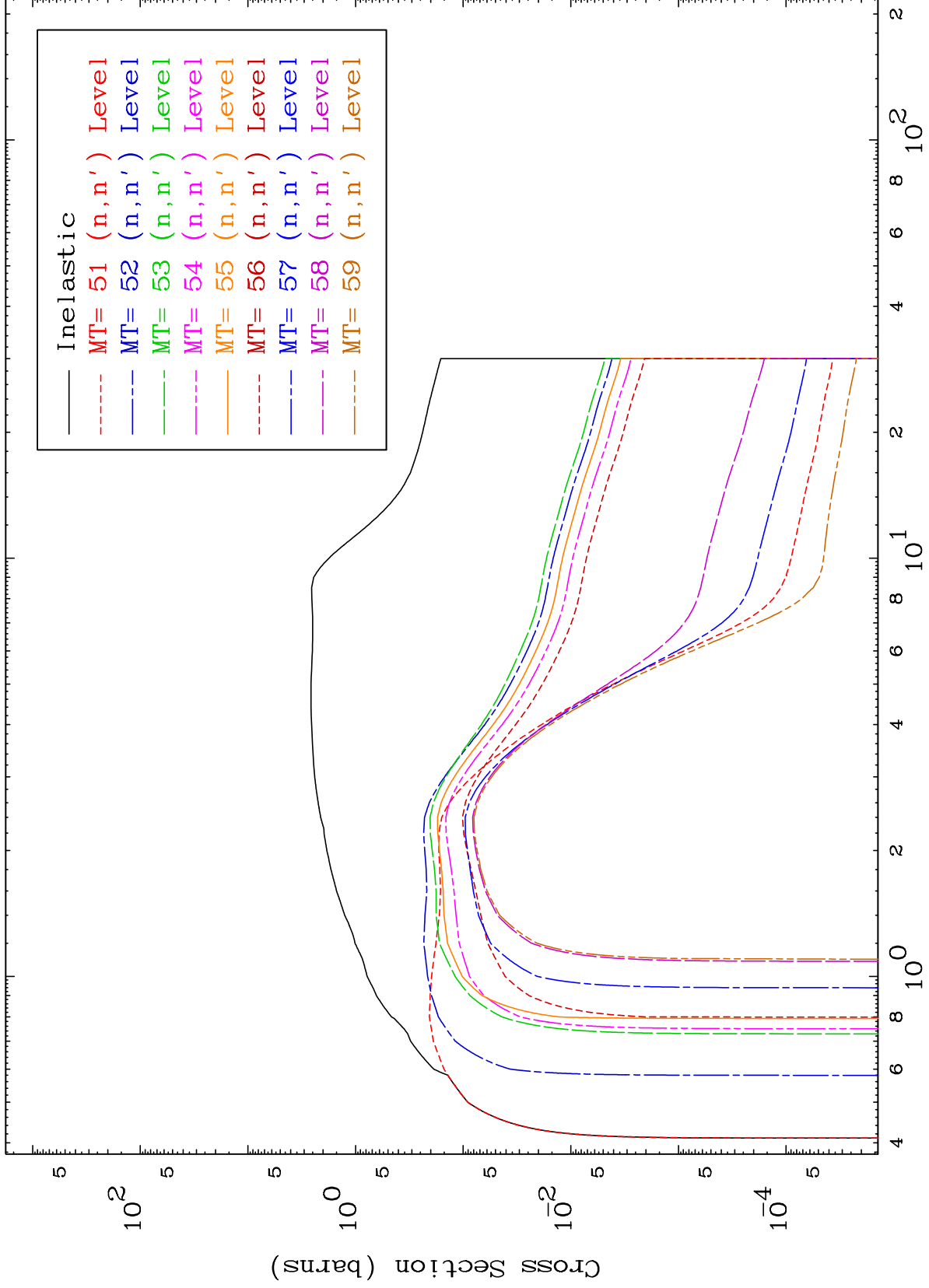


MAT 8543

(n,n') Levels

85-At-209

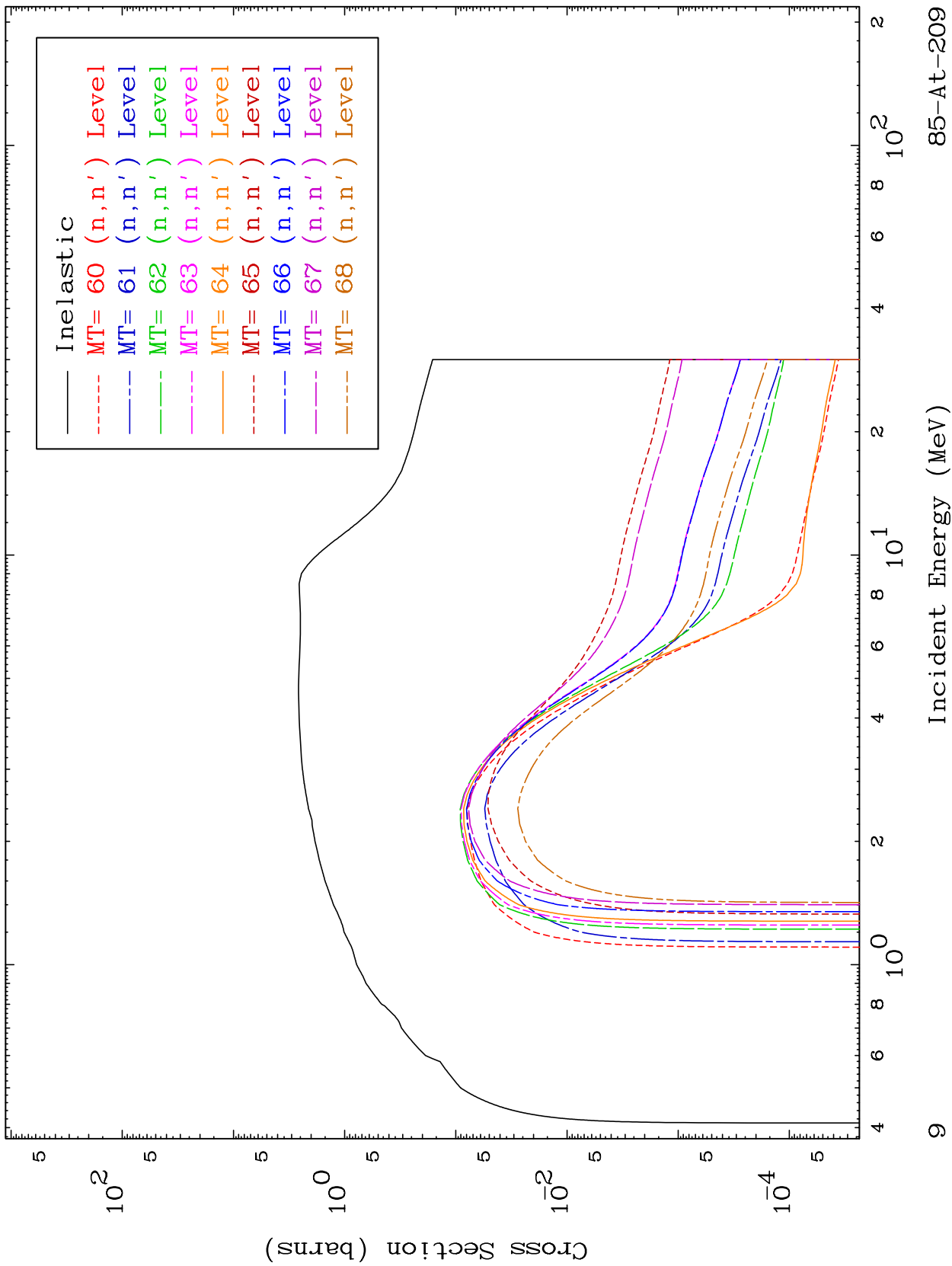
293 Kelvin Cross Sections

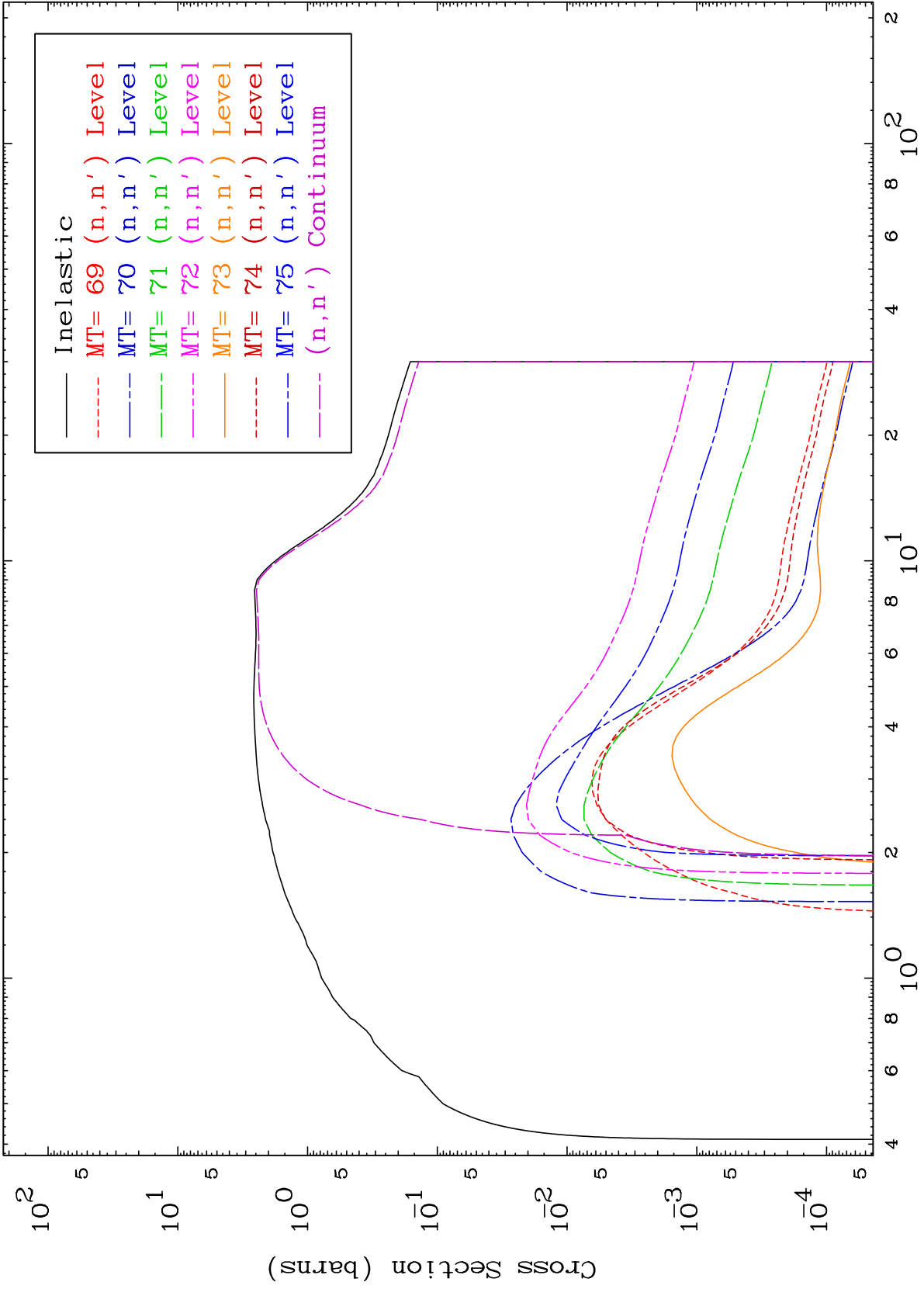


Incident Energy (MeV)

85-At-209

8

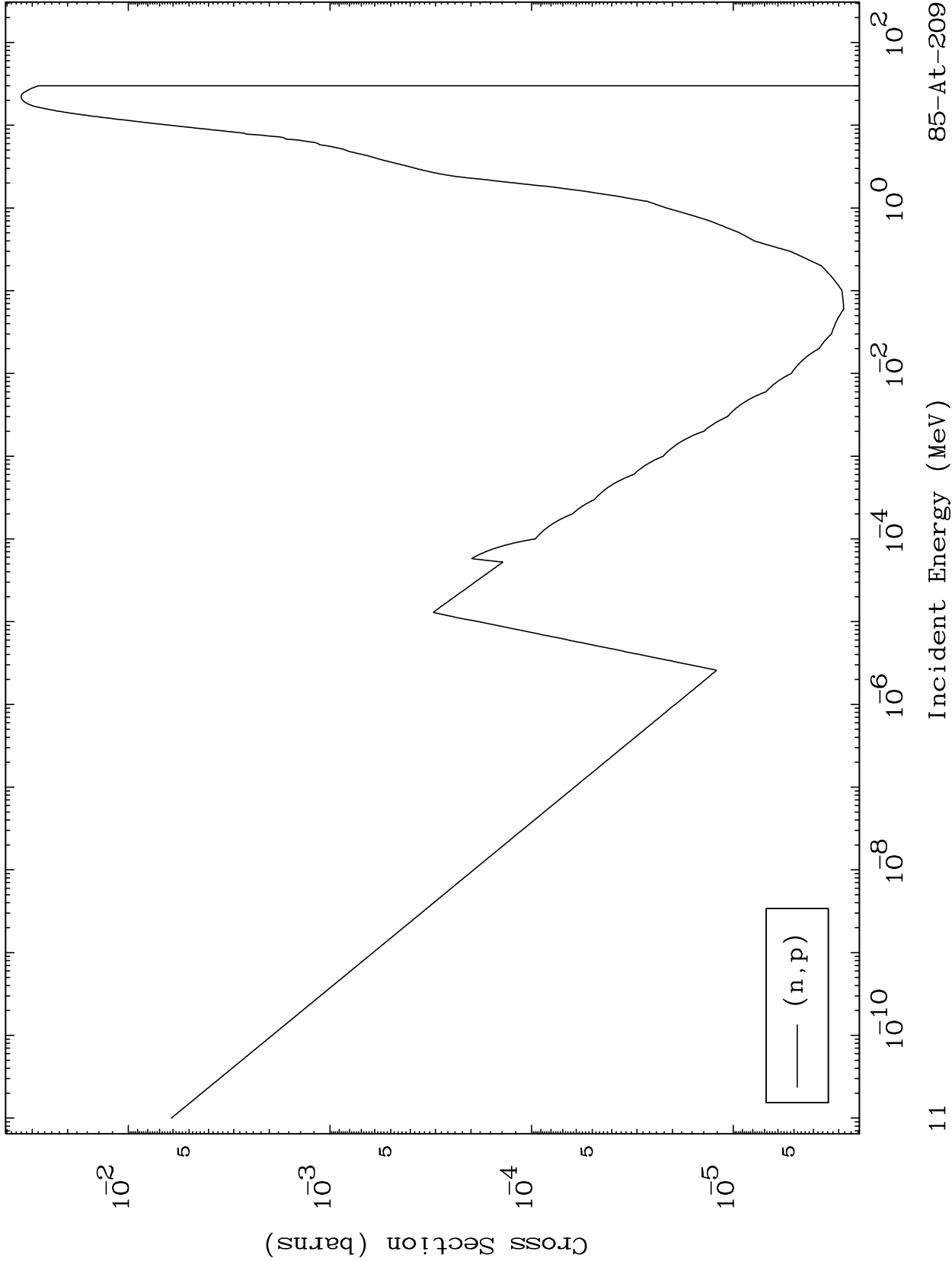




MAT 8543

(n,p) Levels
293 Kelvin Cross Sections

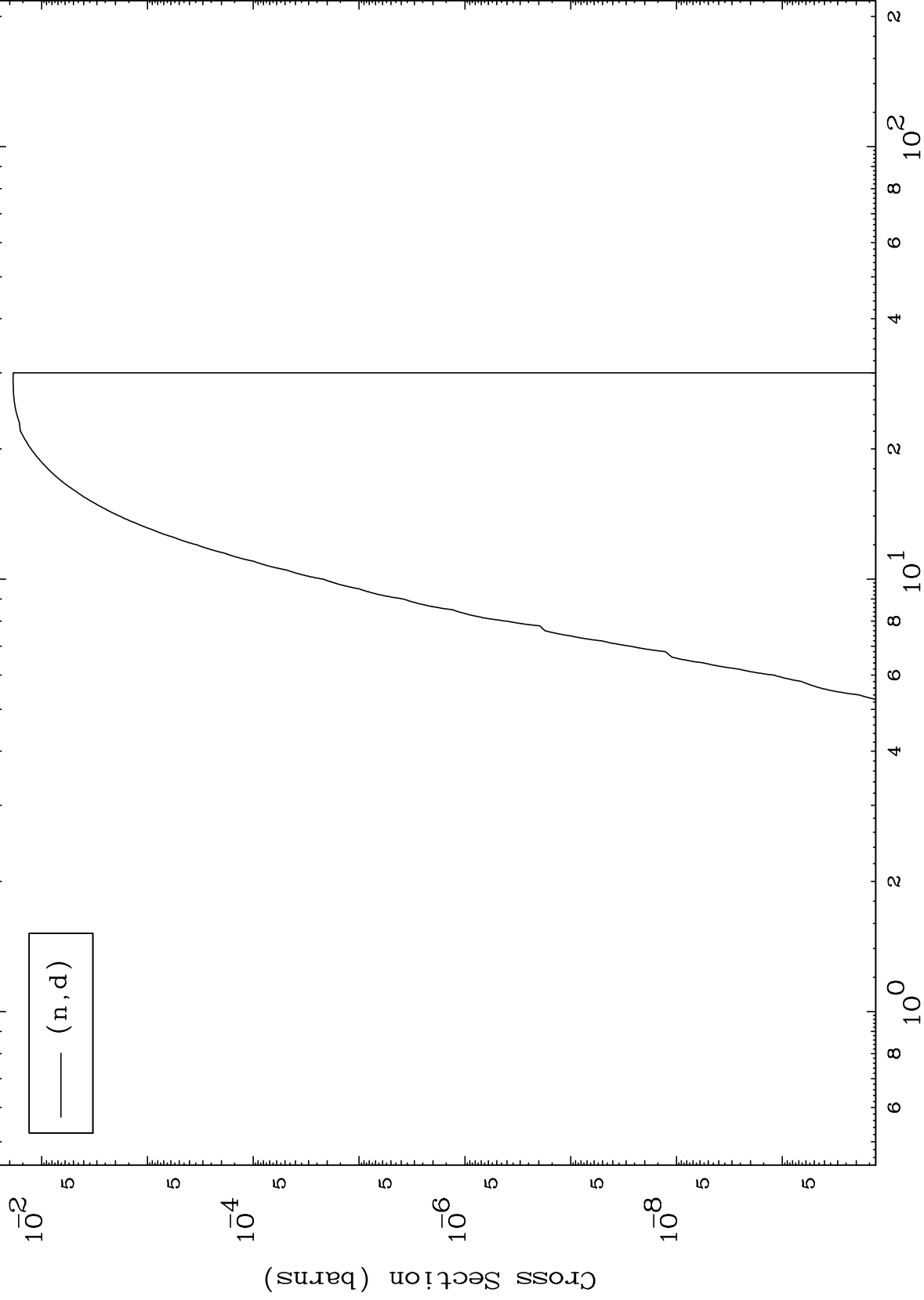
85-At-209



MAT 8543

(n,d) Levels
293 Kelvin Cross Sections

85-At-209



12

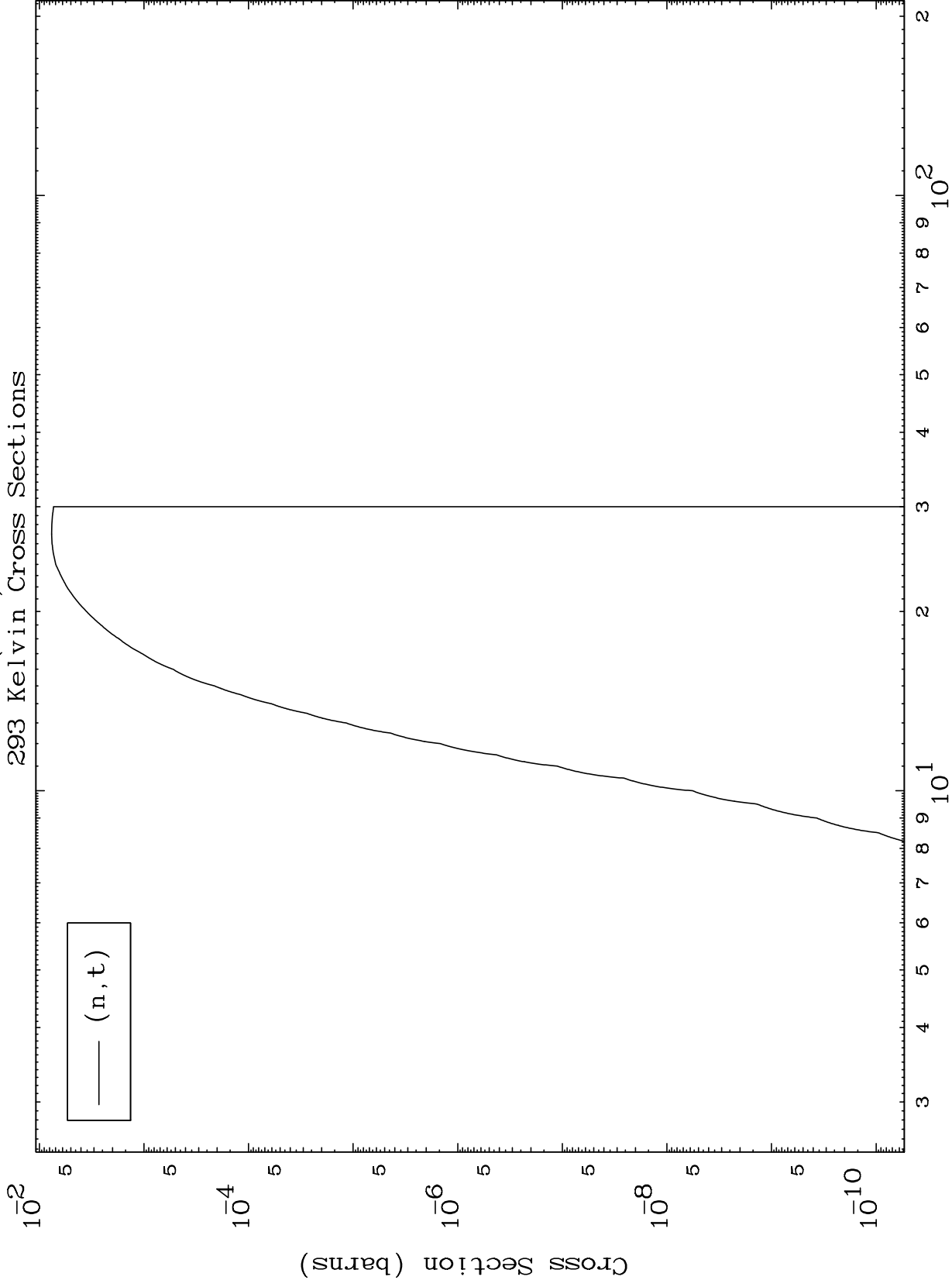
Incident Energy (MeV)

85-At-209

MAT 8543

(n,t) Levels
293 Kelvin Cross Sections

85-At-209



13

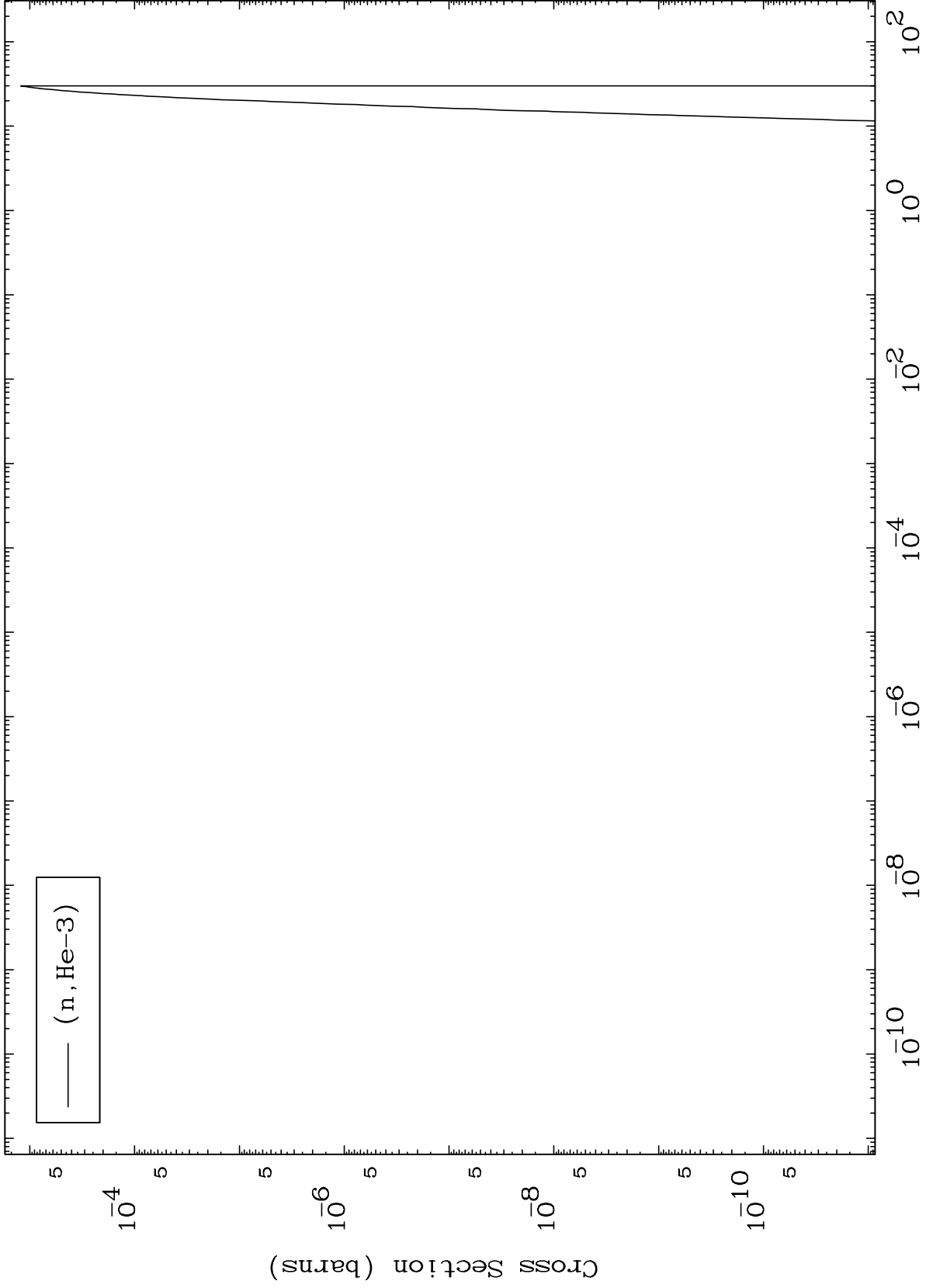
Incident Energy (MeV)

85-At-209

MAT 8543

(n,He3) Levels
293 Kelvin Cross Sections

85-At-209



14

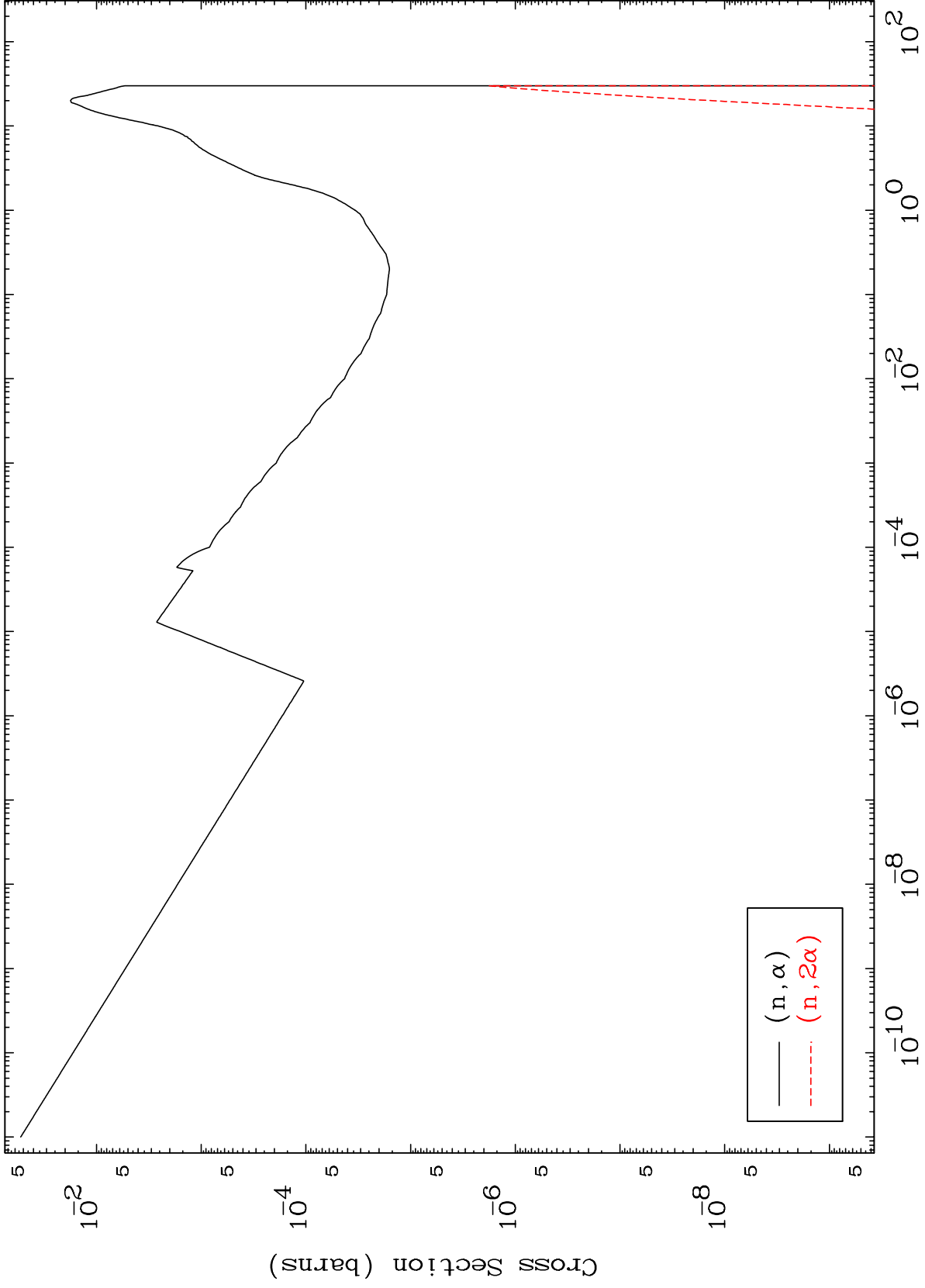
Incident Energy (MeV)

85-At-209

MAT 8543

(n,α) Levels
293 Kelvin Cross Sections

85-At-209



15

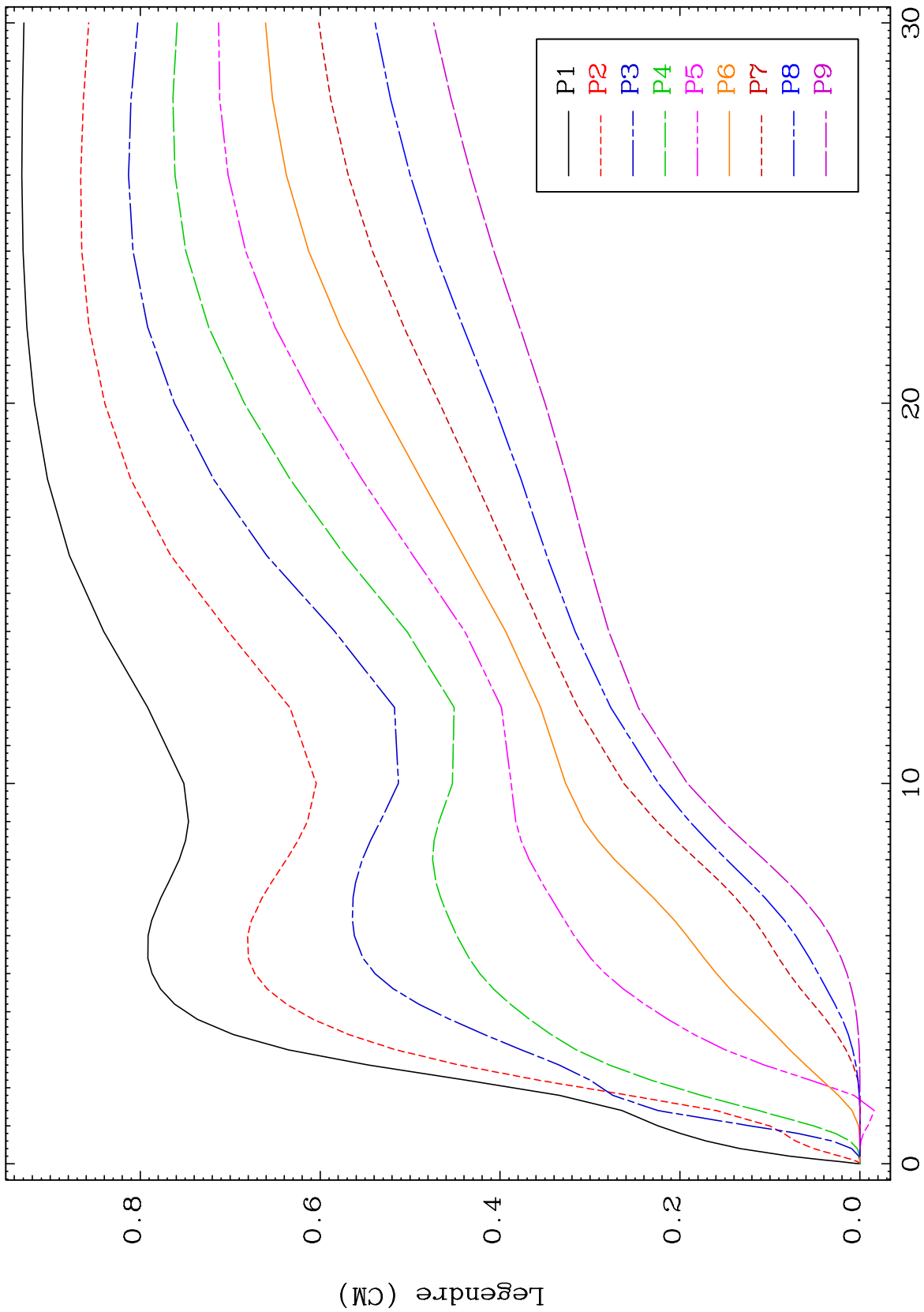
Incident Energy (MeV)

85-At-209

MAT 8543

85-At-209

Elastic Legendre Coefficients



16

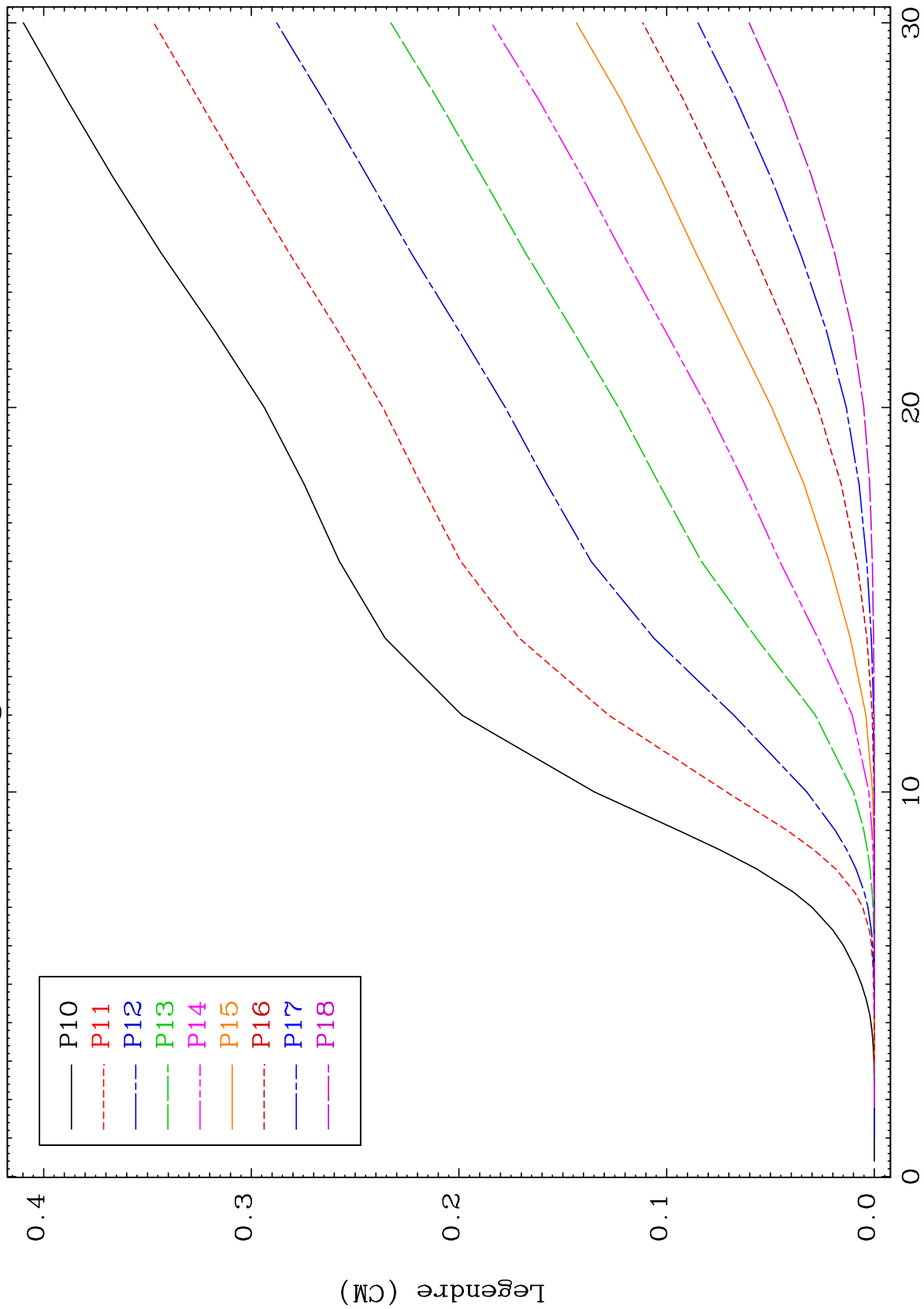
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



17

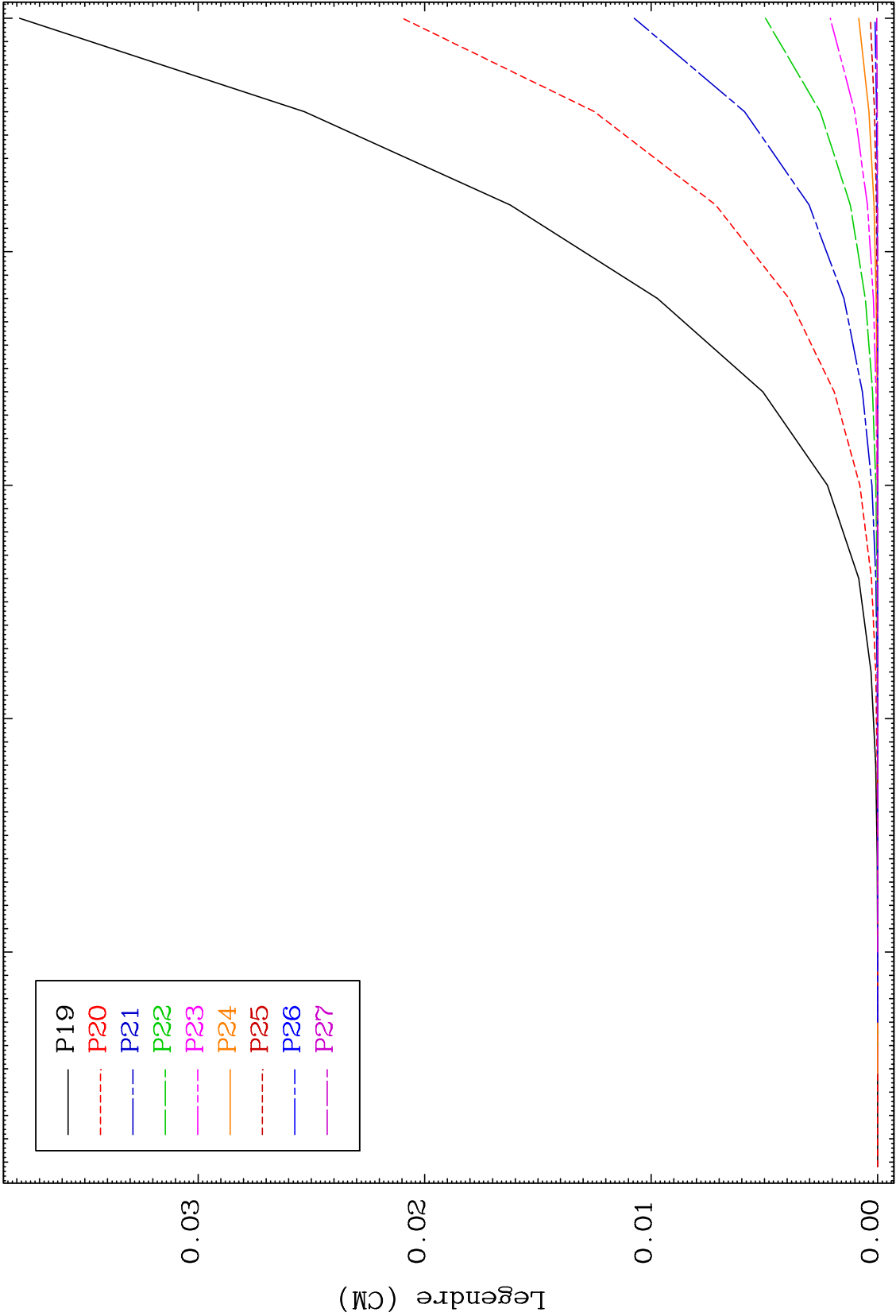
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



18

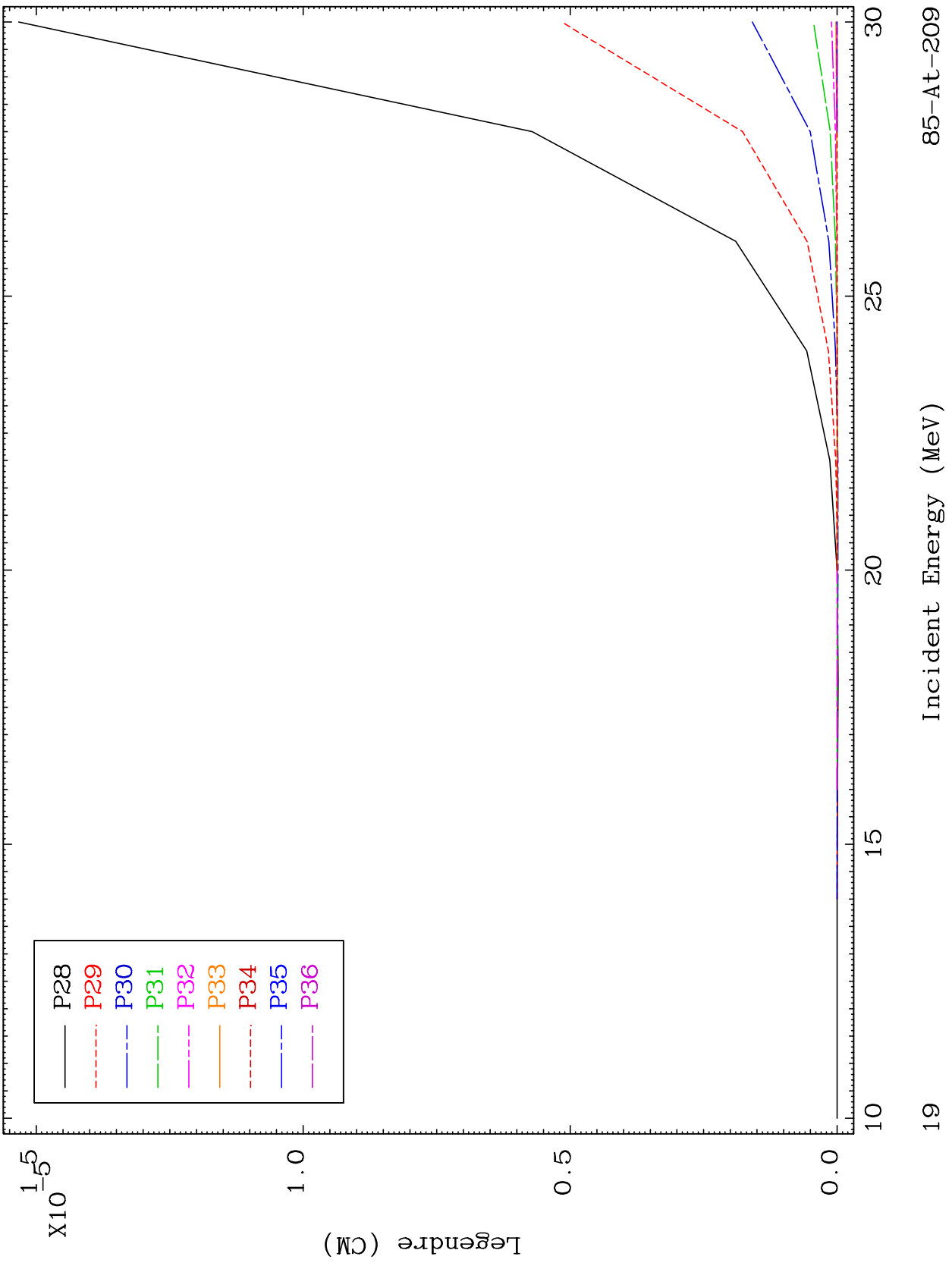
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



85-At-209

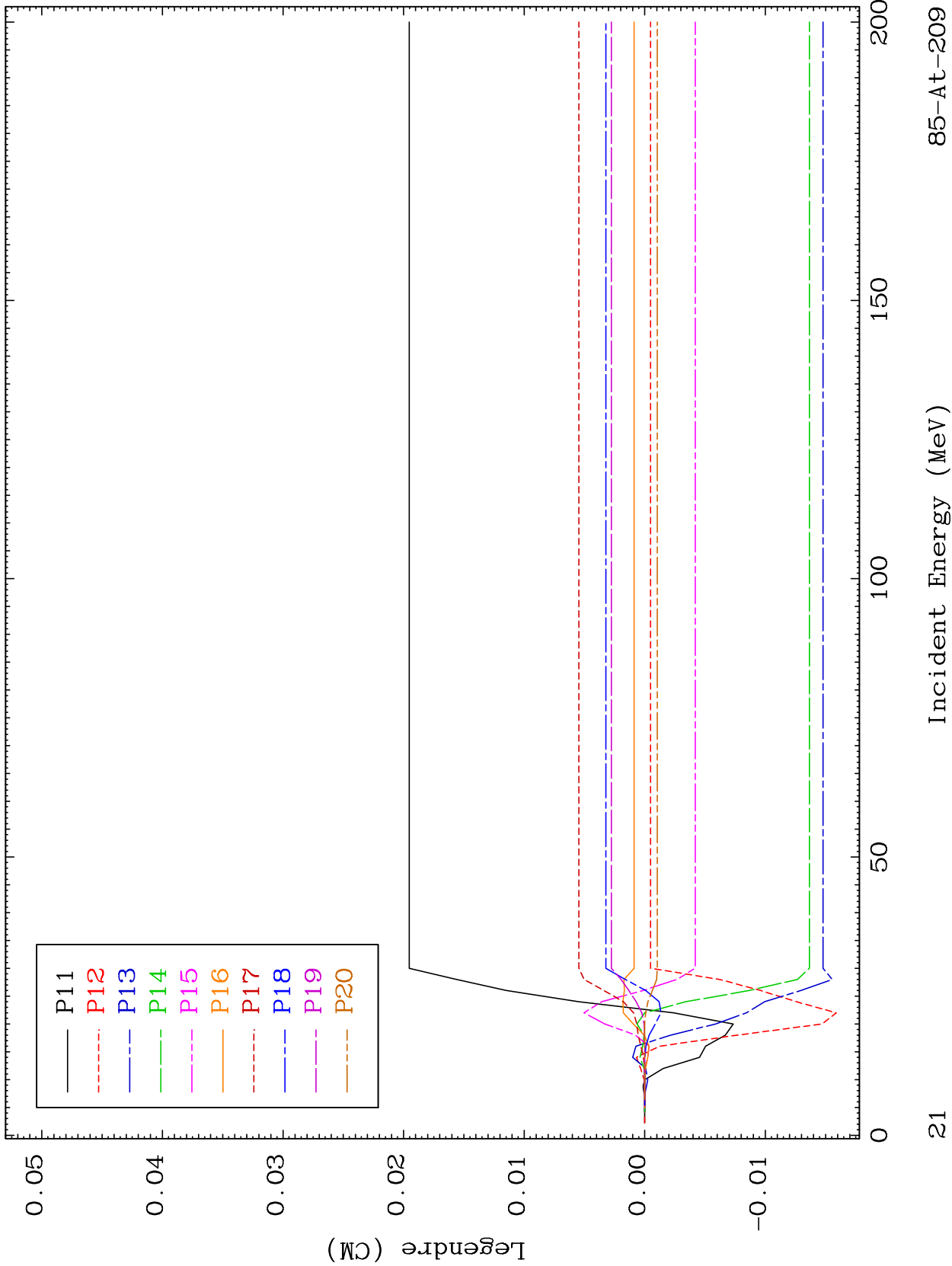
Incident Energy (MeV)

19

MAT 8543

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

85-At-209



21

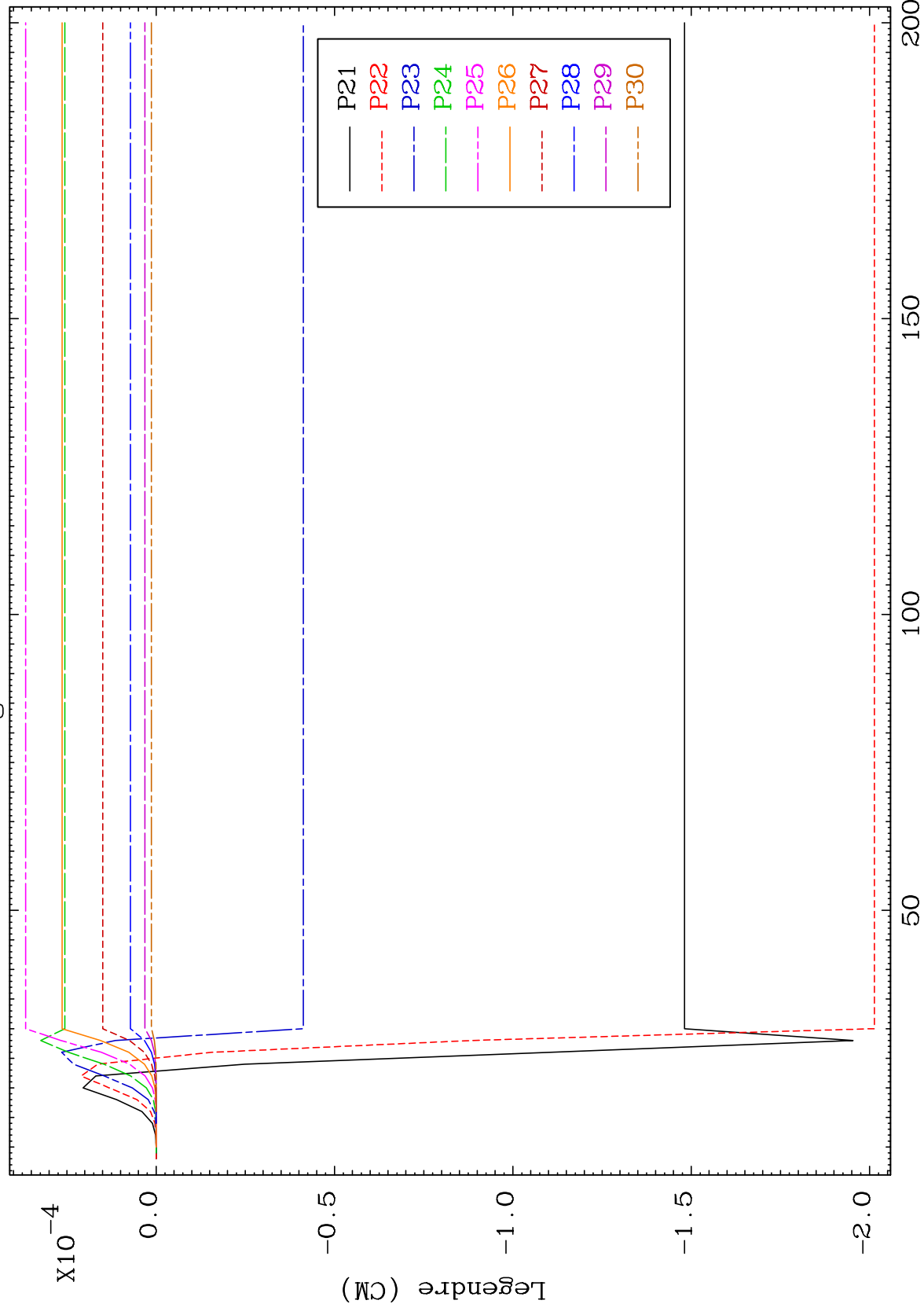
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



22

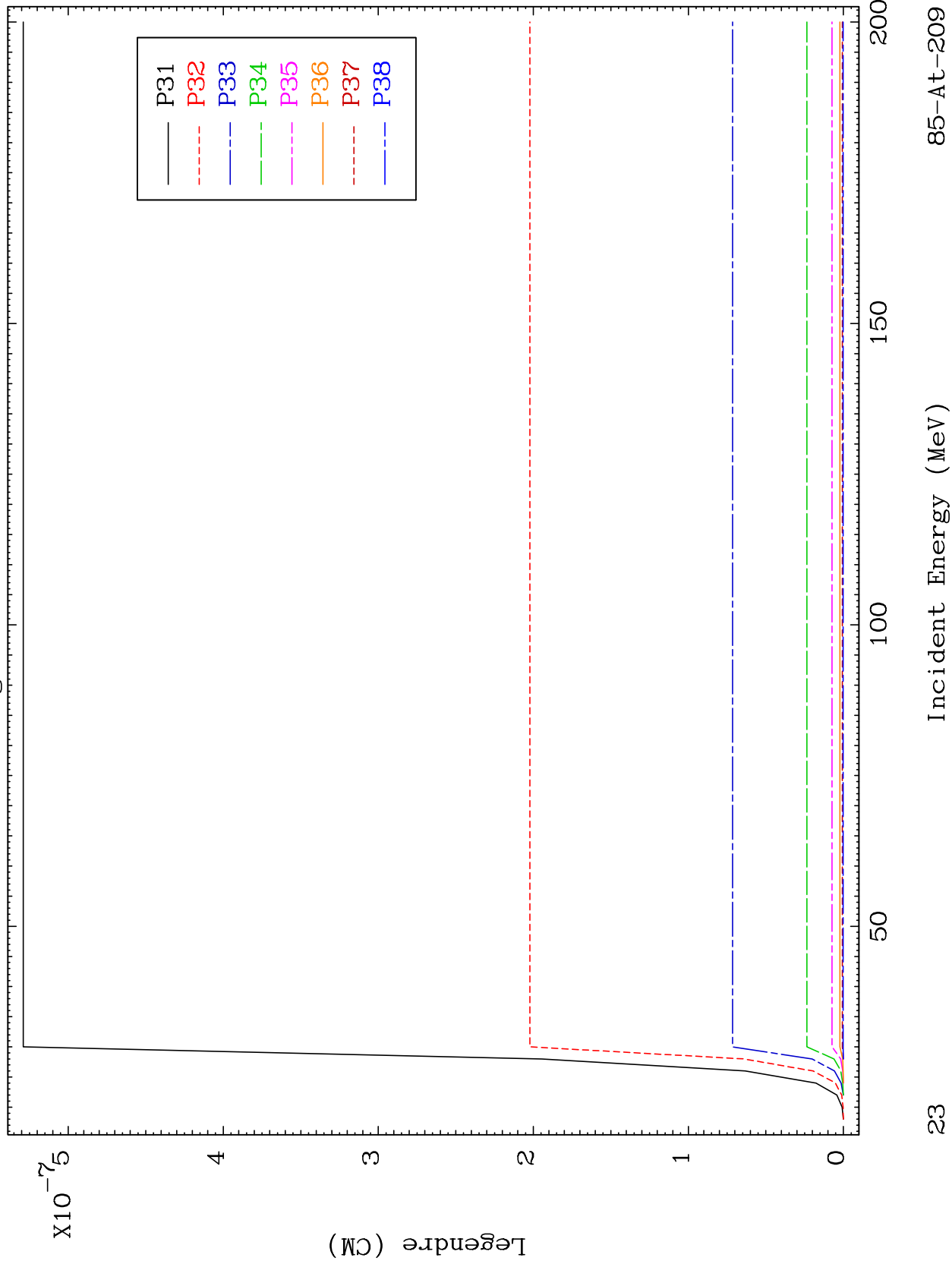
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



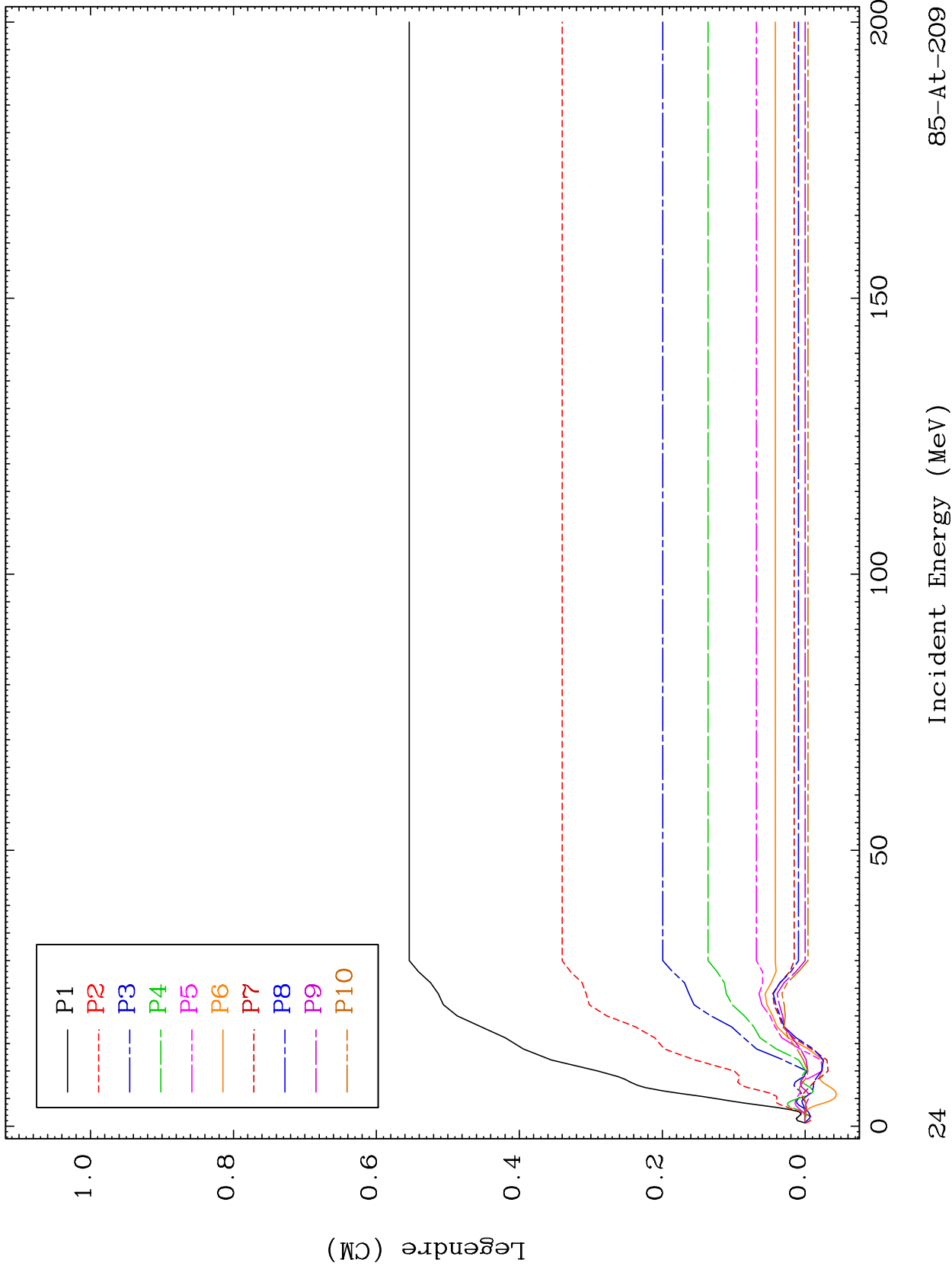
23

85-At-209

MAT 8543

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

85-At-209



24

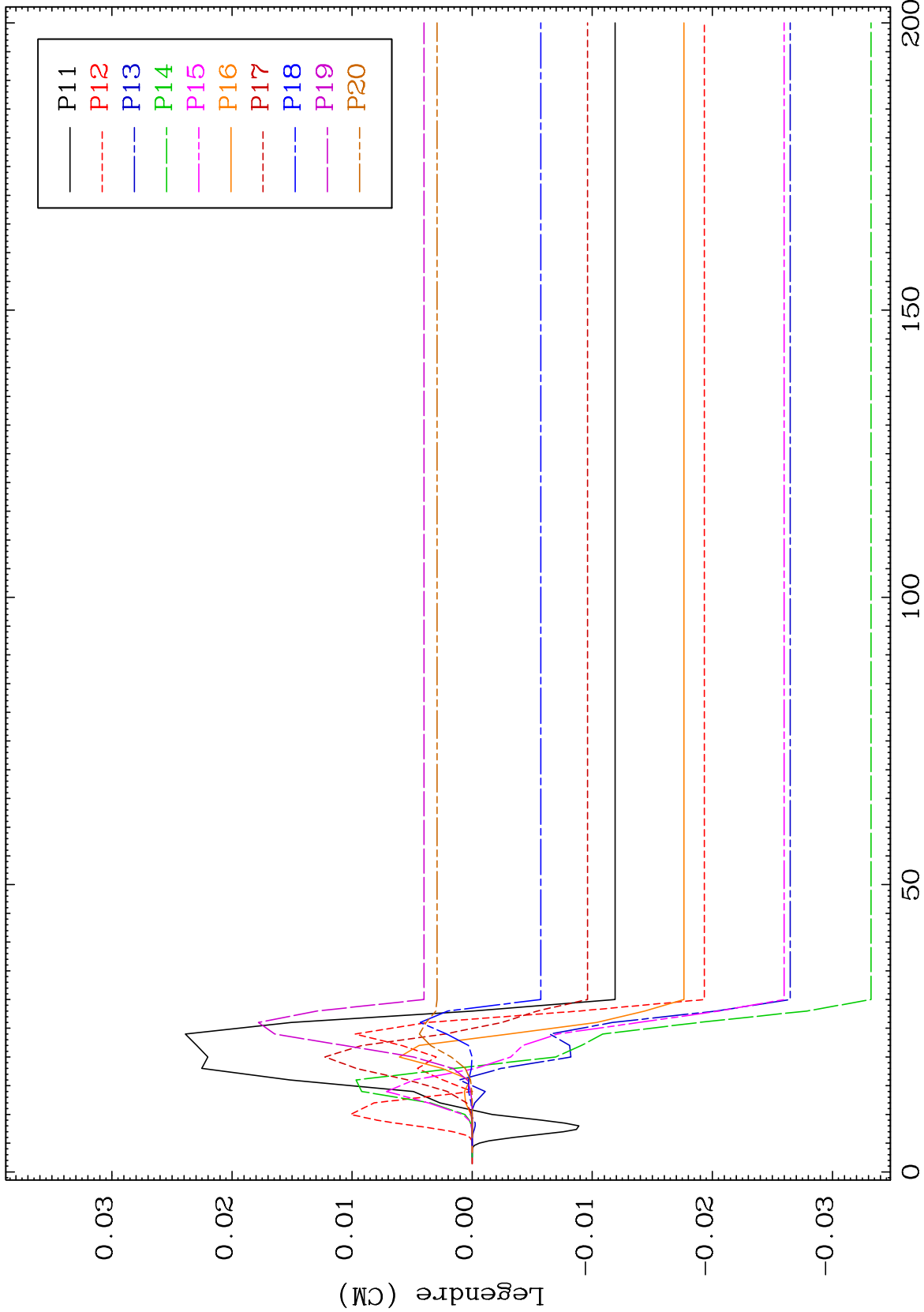
Incident Energy (MeV)

85-At-209

MAT 8543

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

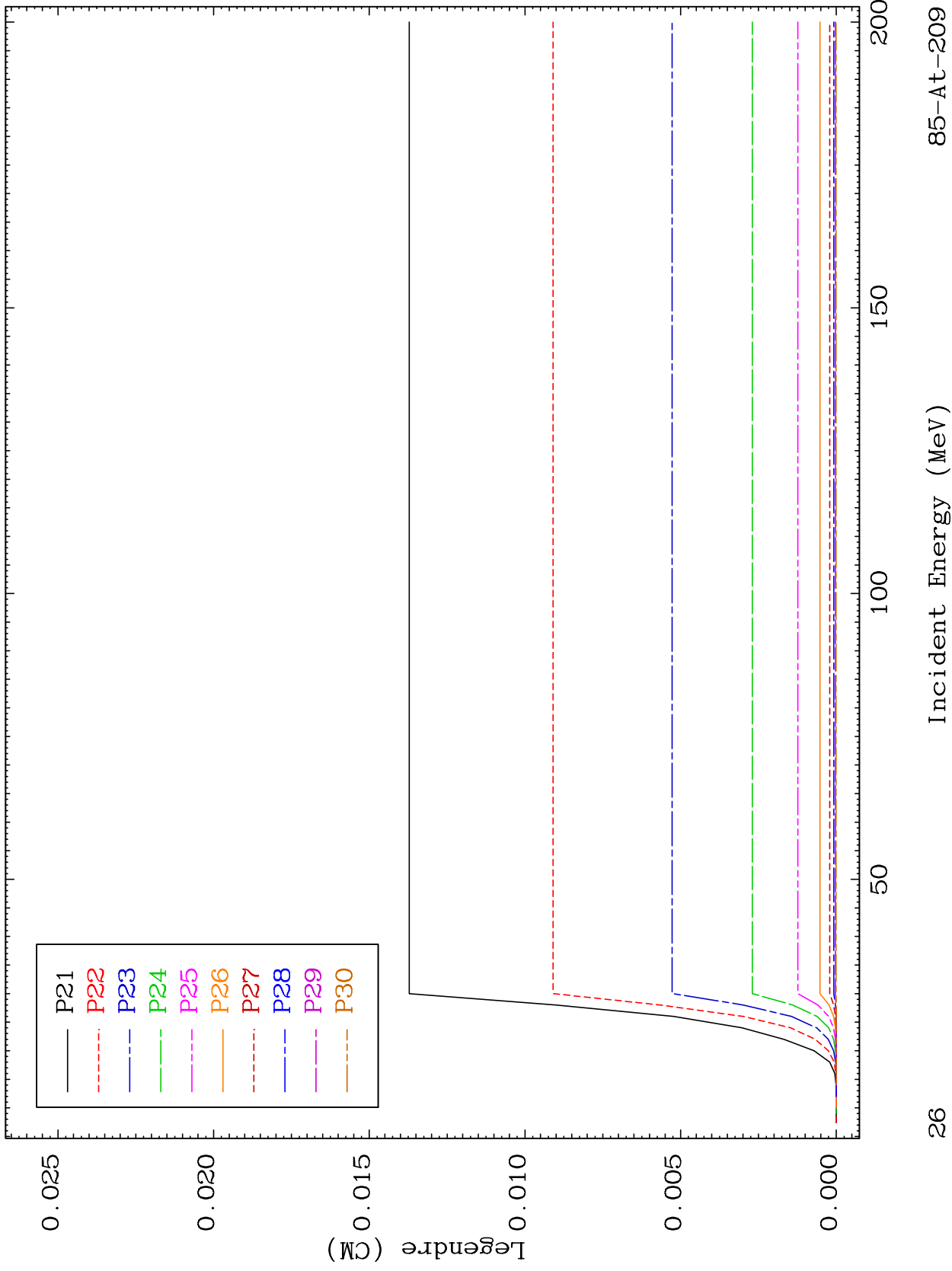
85-At-209



25

Incident Energy (MeV)

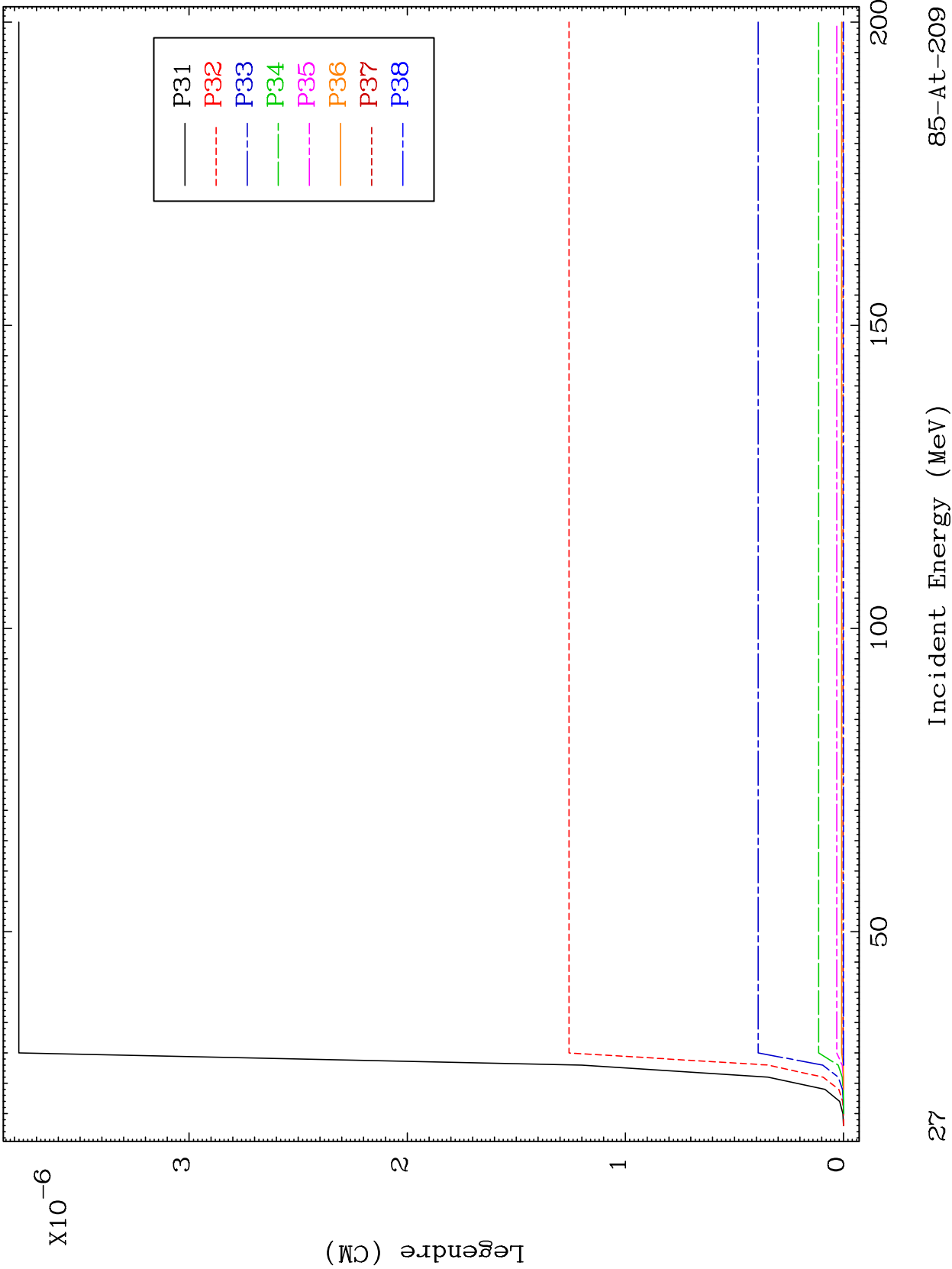
85-At-209



MAT 8543

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

85-At-209



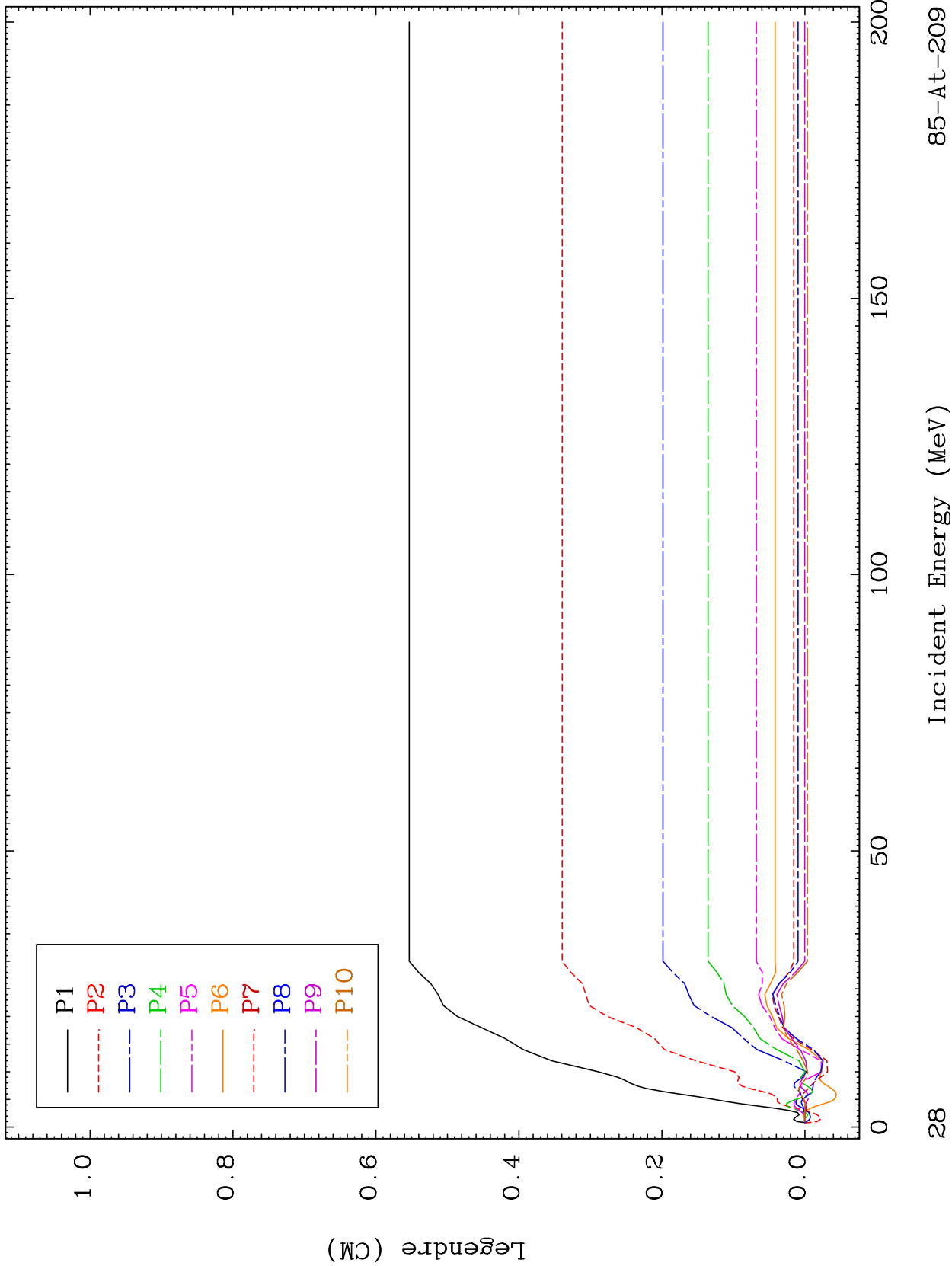
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85-At-209

MAT 8543

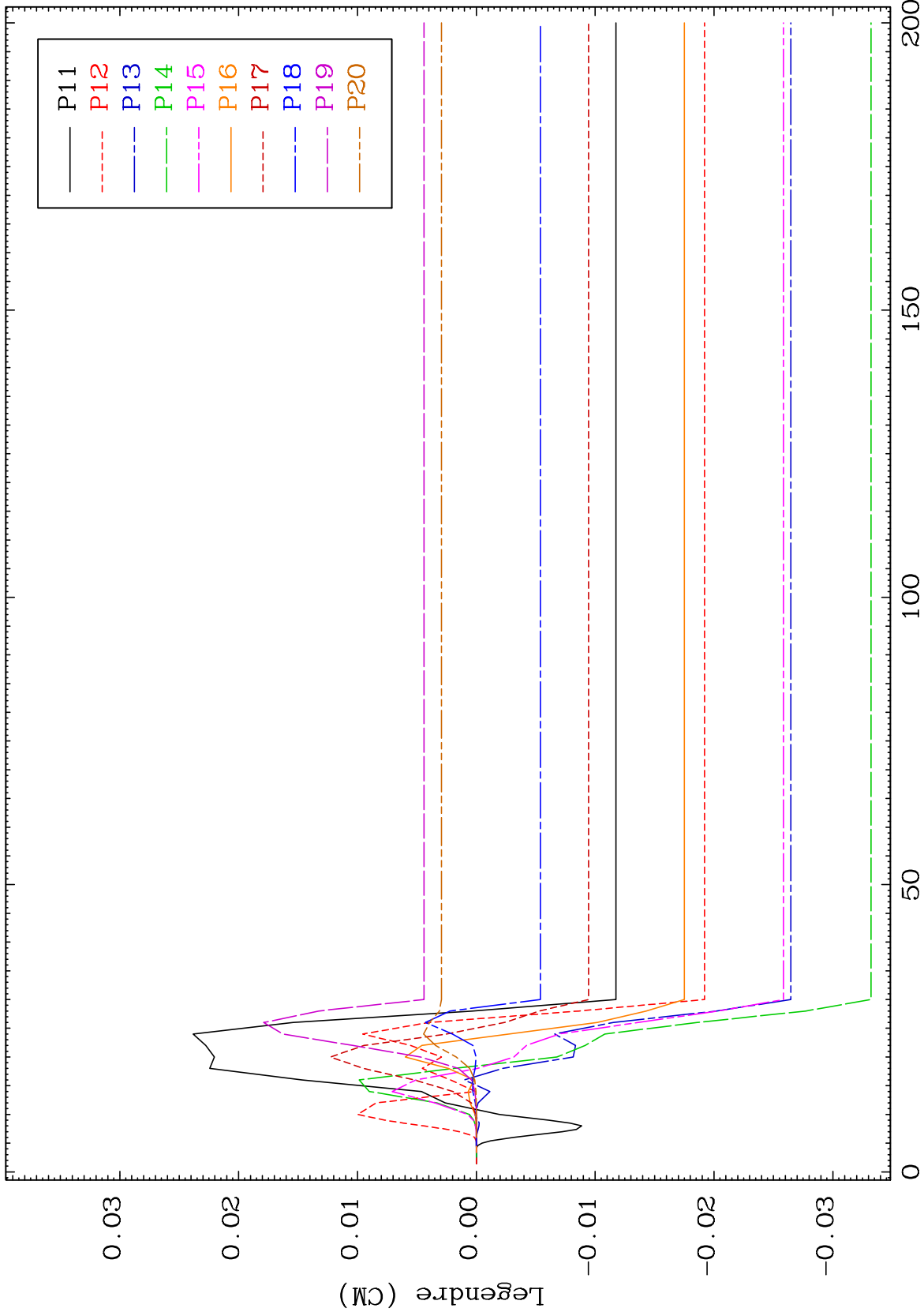
MT= 53 (n,n') Level
Legendre Coefficients

85-At-209



28

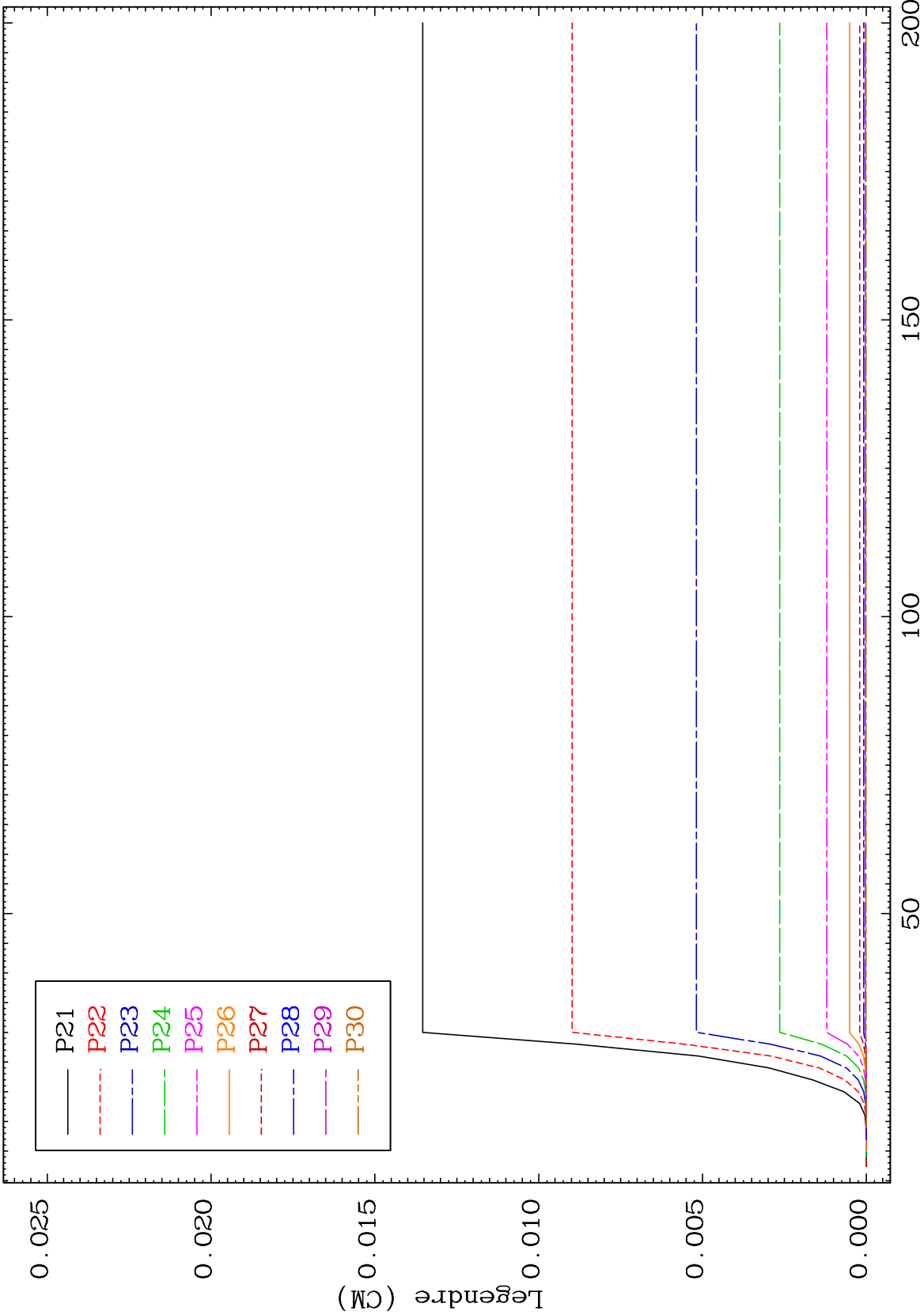
85-At-209



MAT 8543

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

85-At-209



30

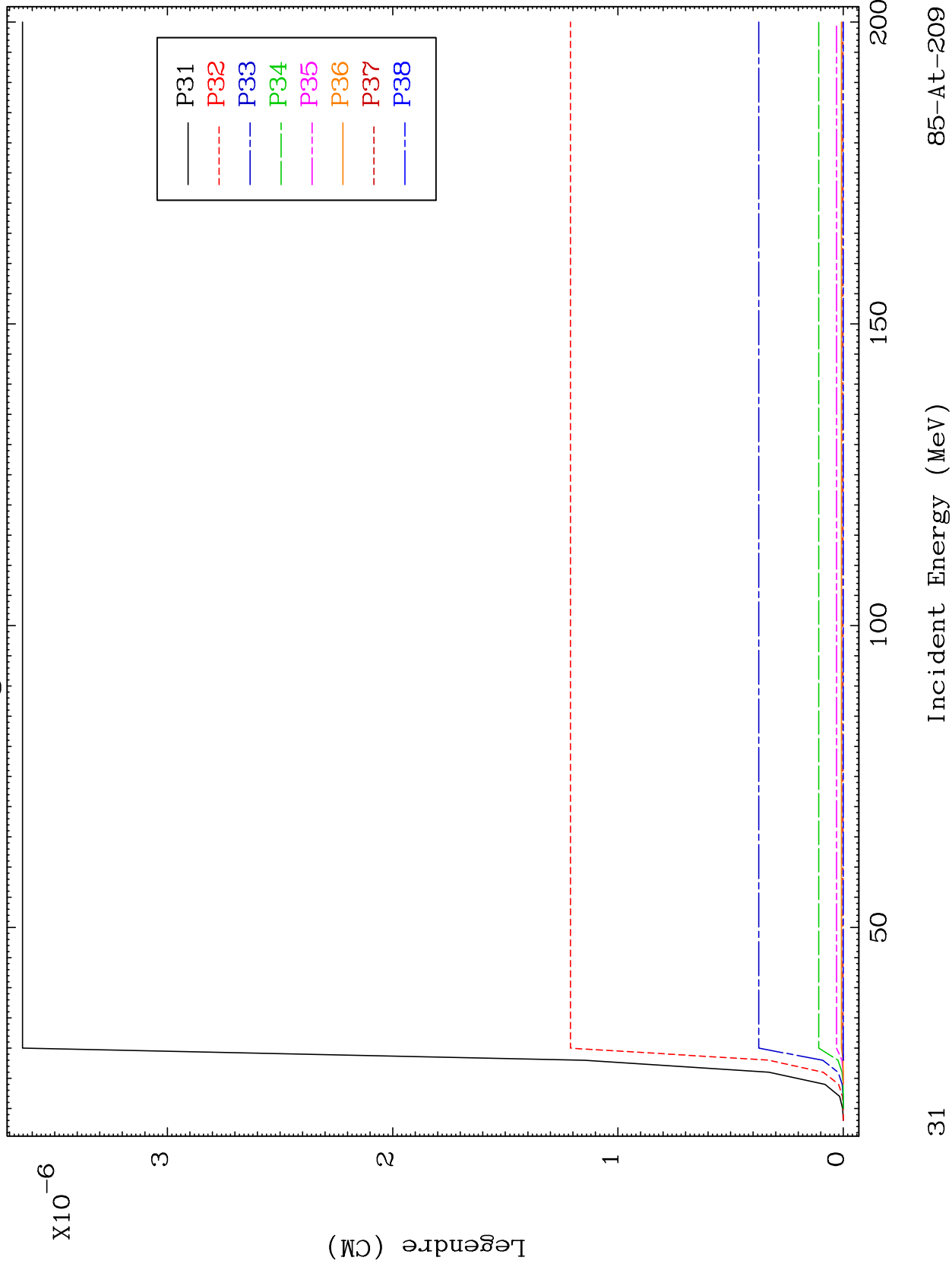
Incident Energy (MeV)

85-At-209

MAT 8543

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

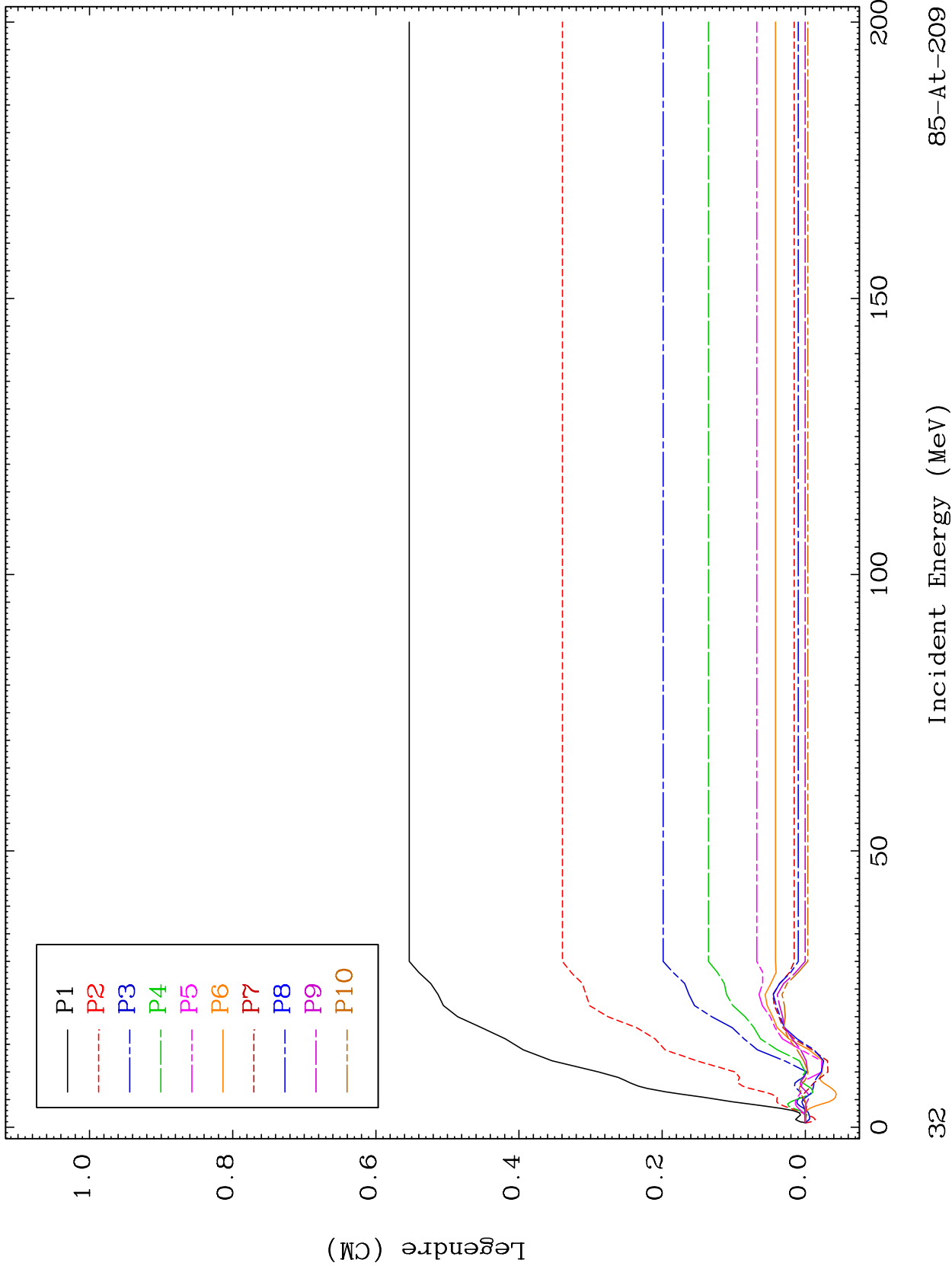
85-At-209



MAT 8543

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

85-At-209



32

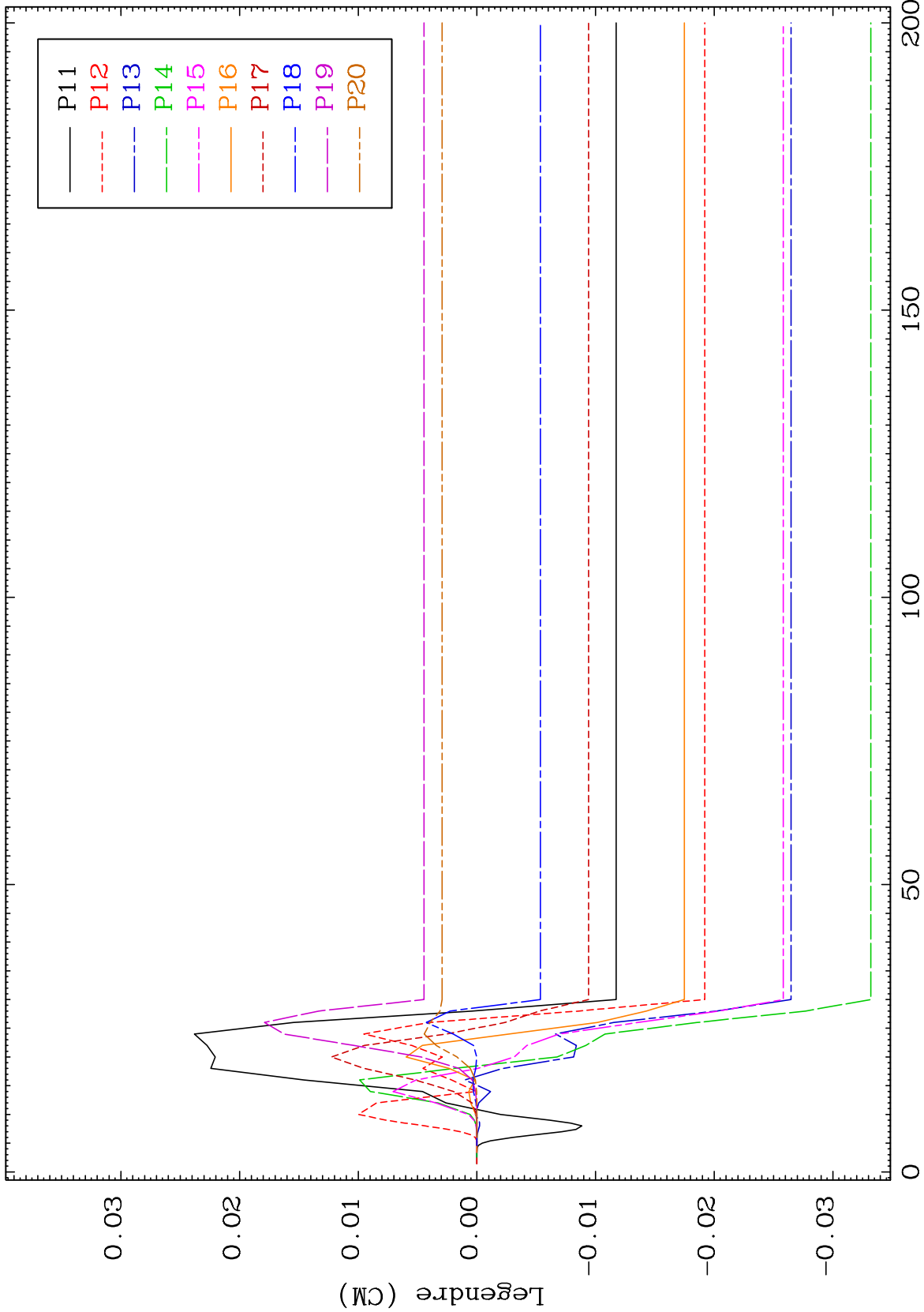
Incident Energy (MeV)

85-At-209

MAT 8543

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

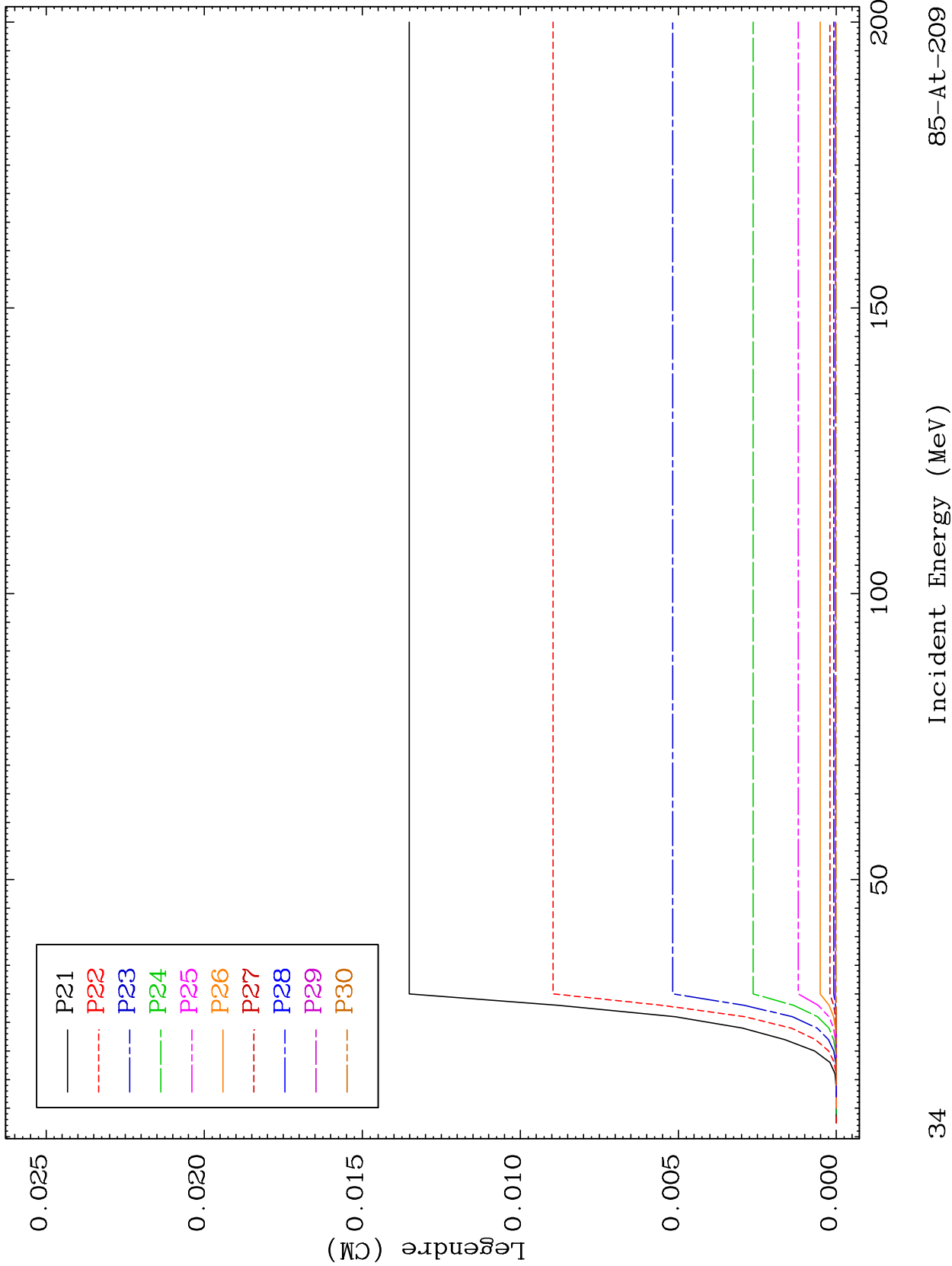
85-At-209



33

Incident Energy (MeV)

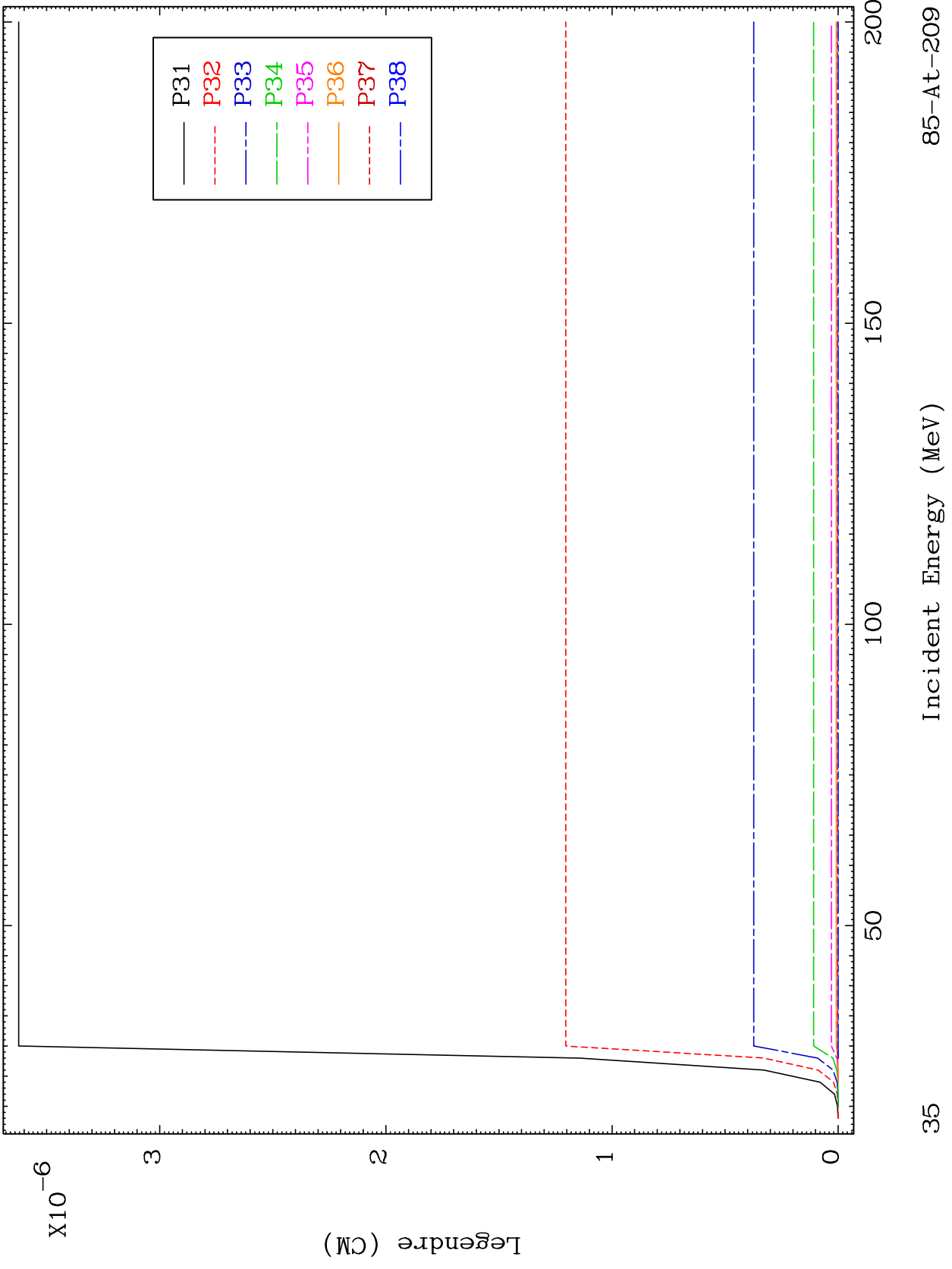
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MAT 8543

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

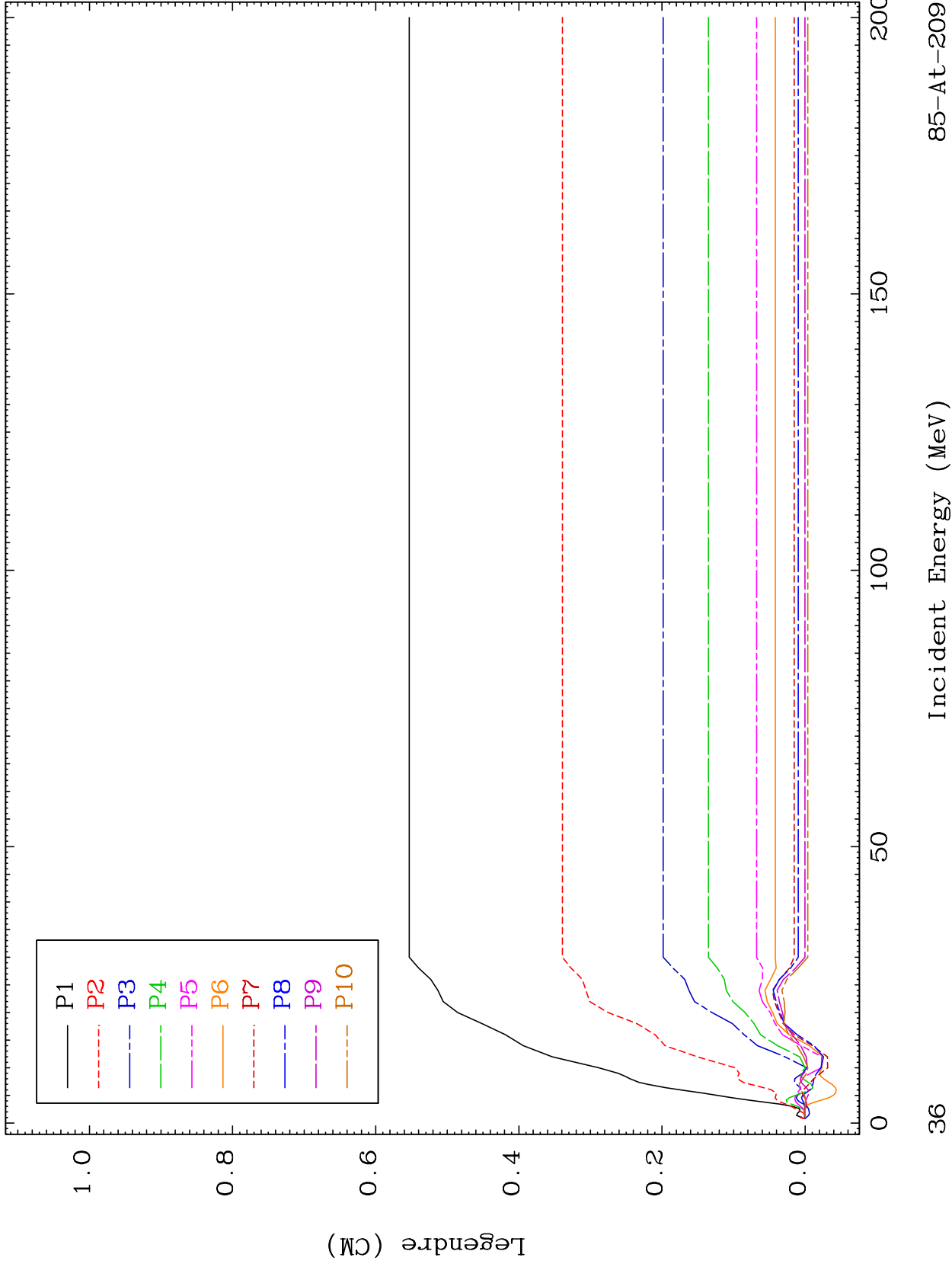
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35

Incident Energy (MeV)

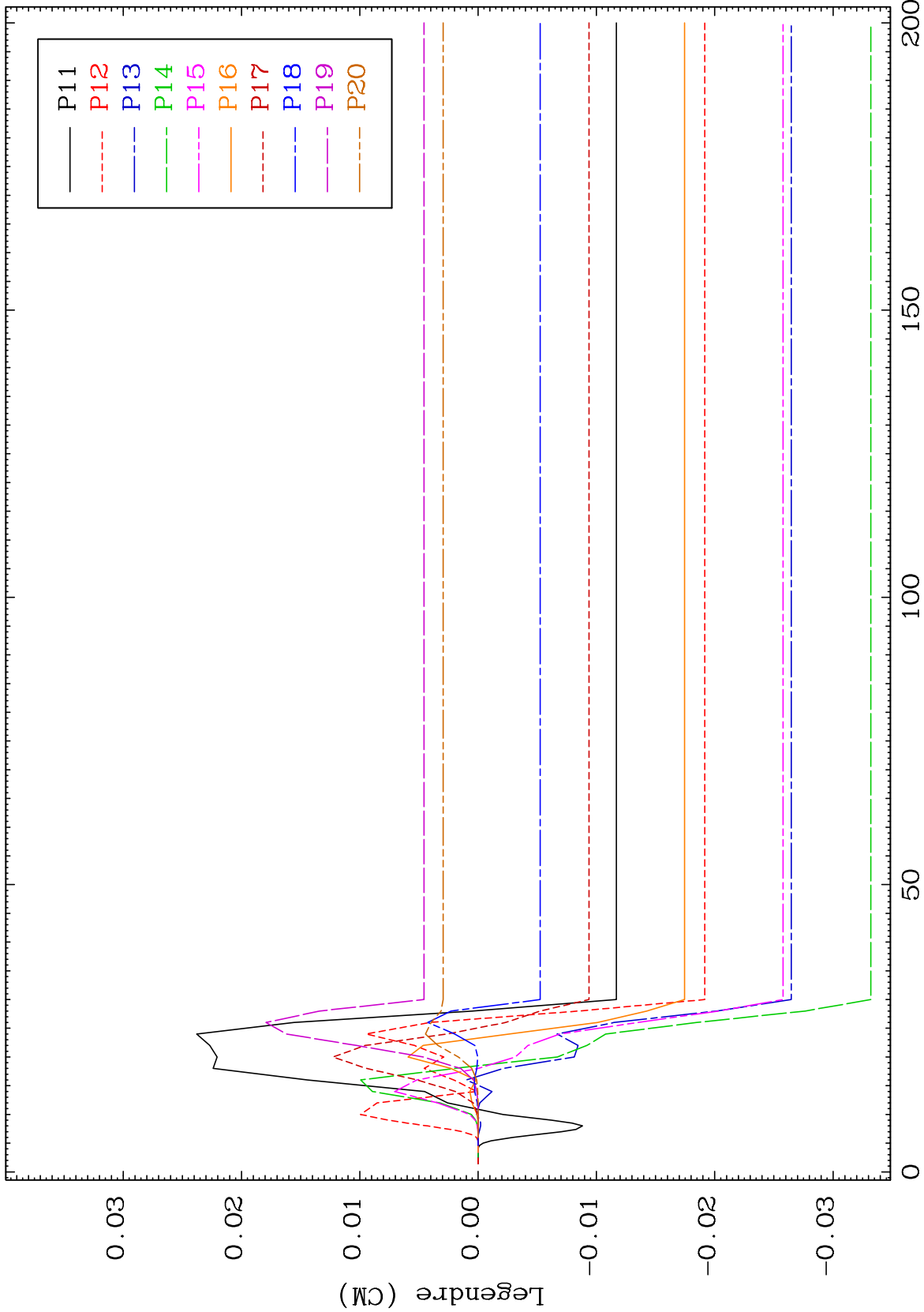
85-At-209



MAT 8543

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

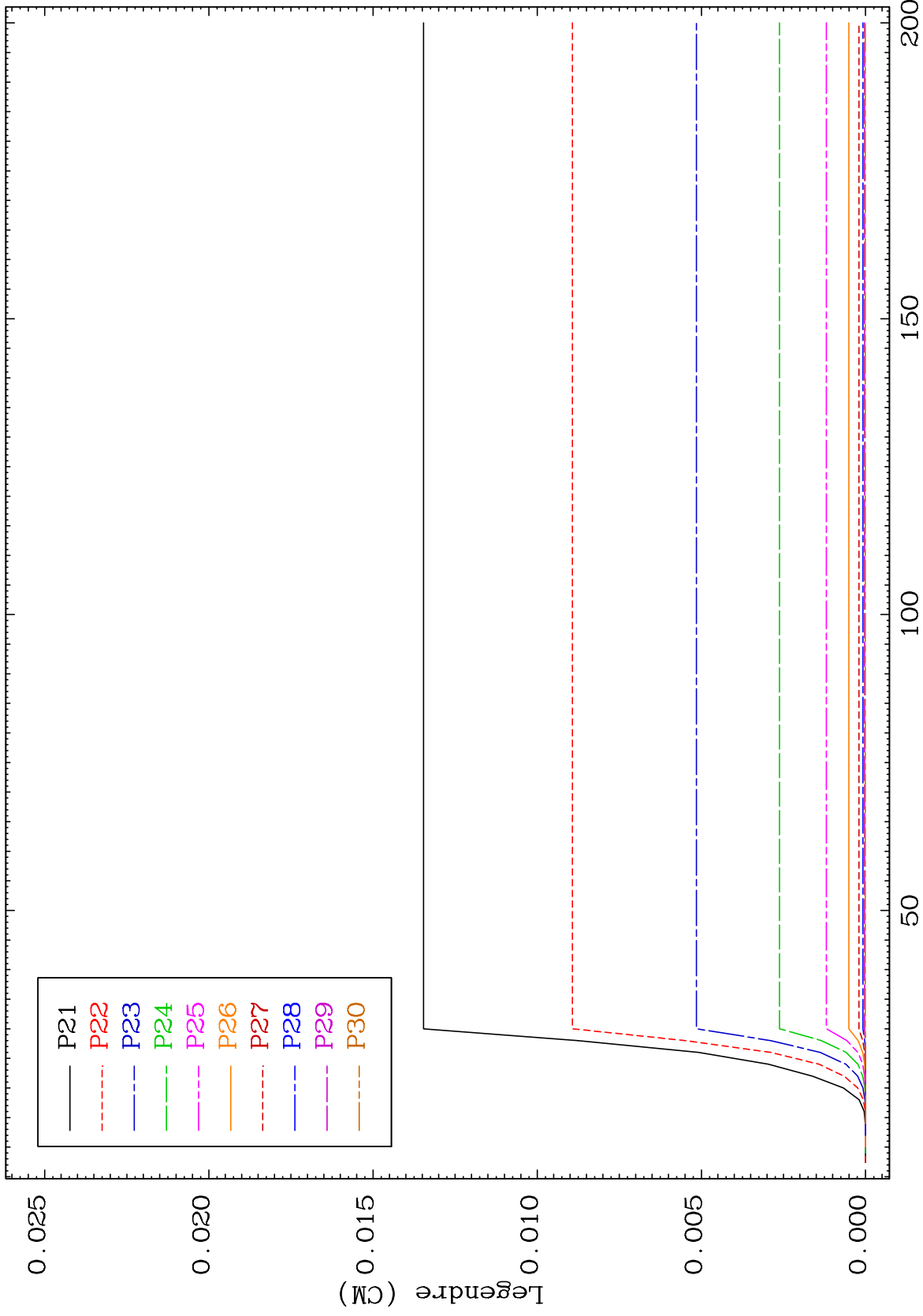
85-At-209



37

Incident Energy (MeV)

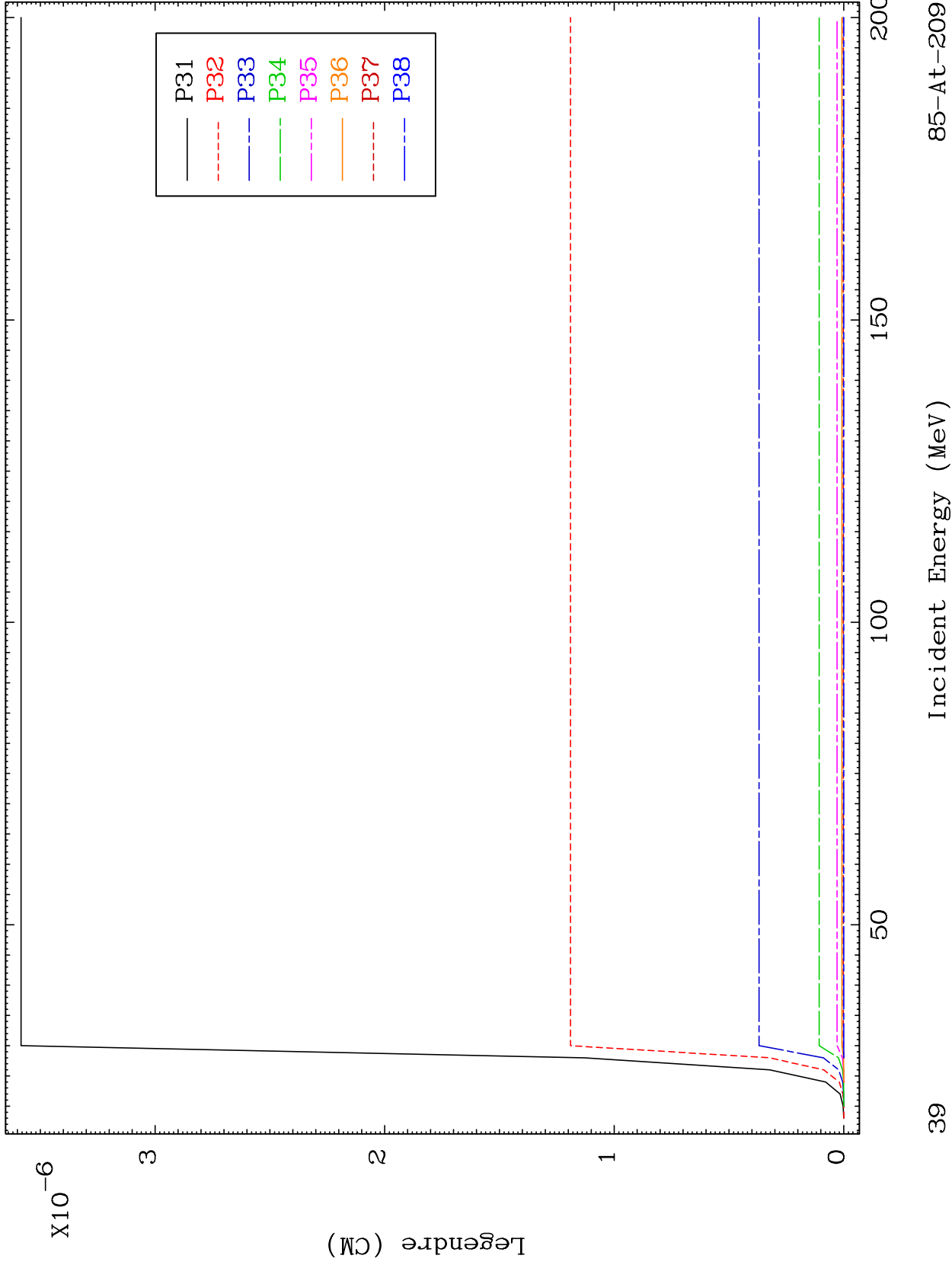
85-At-209



MAT 8543

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

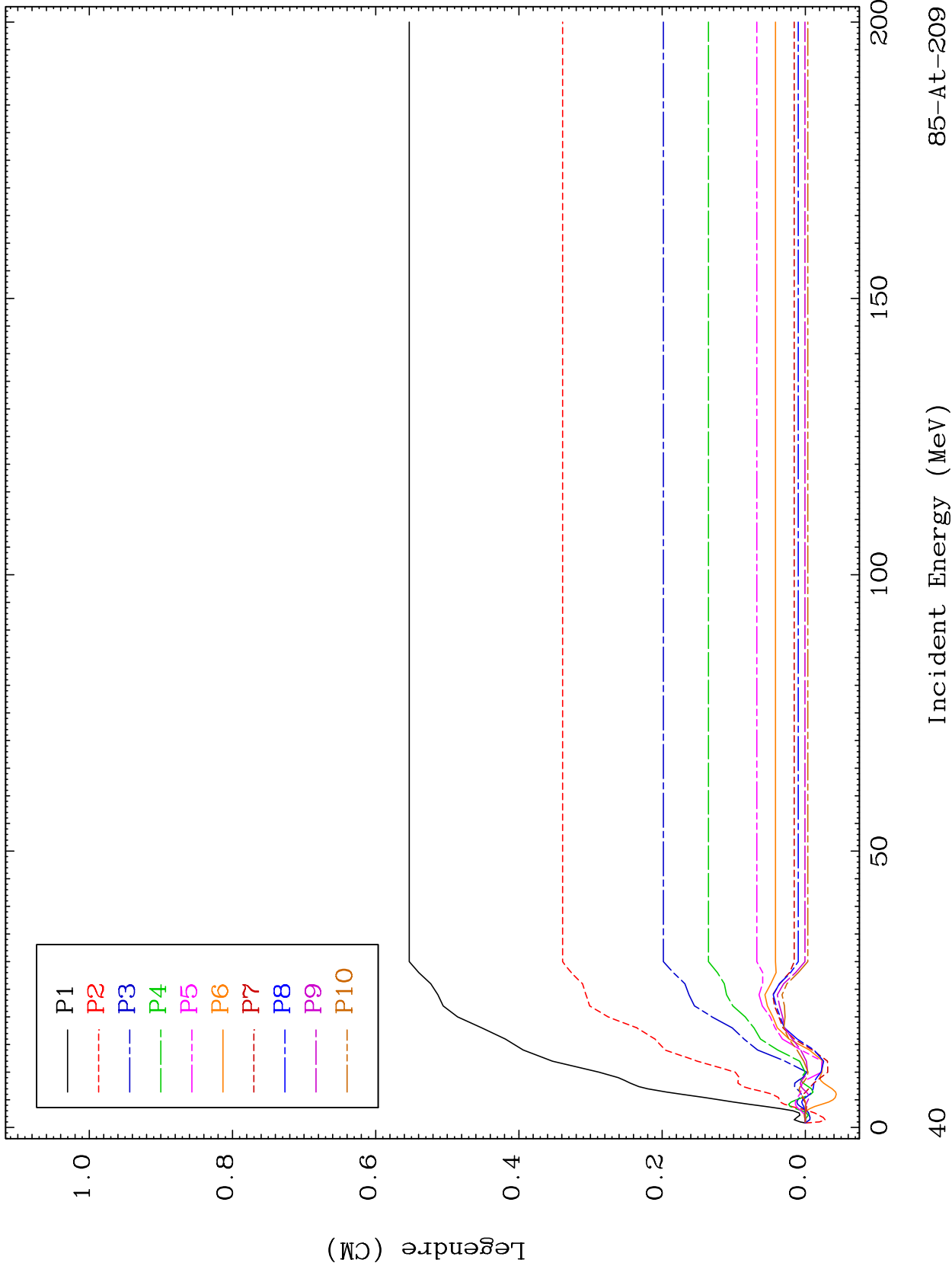
85-At-209



MAT 8543

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

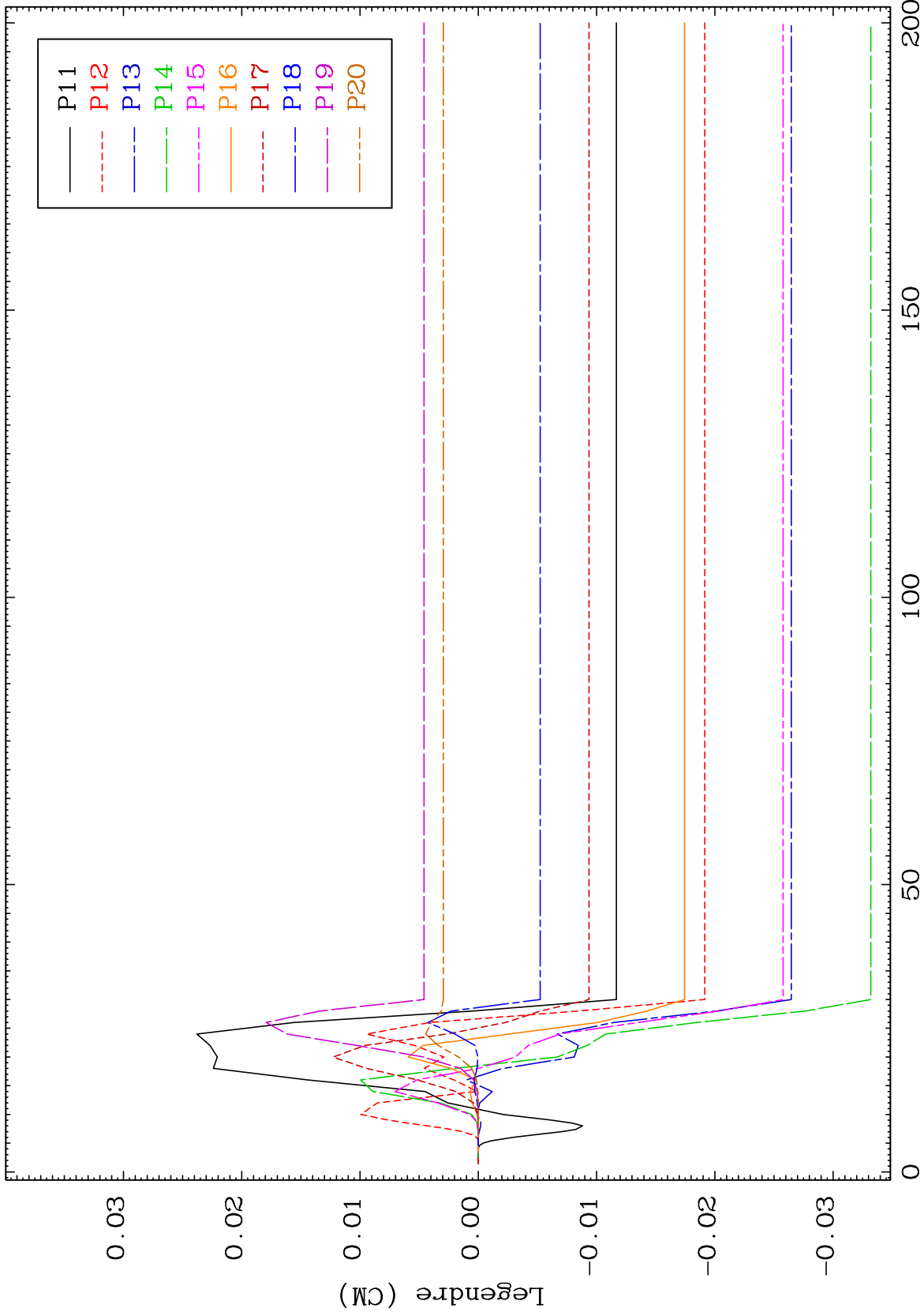
85-At-209



MAT 8543

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

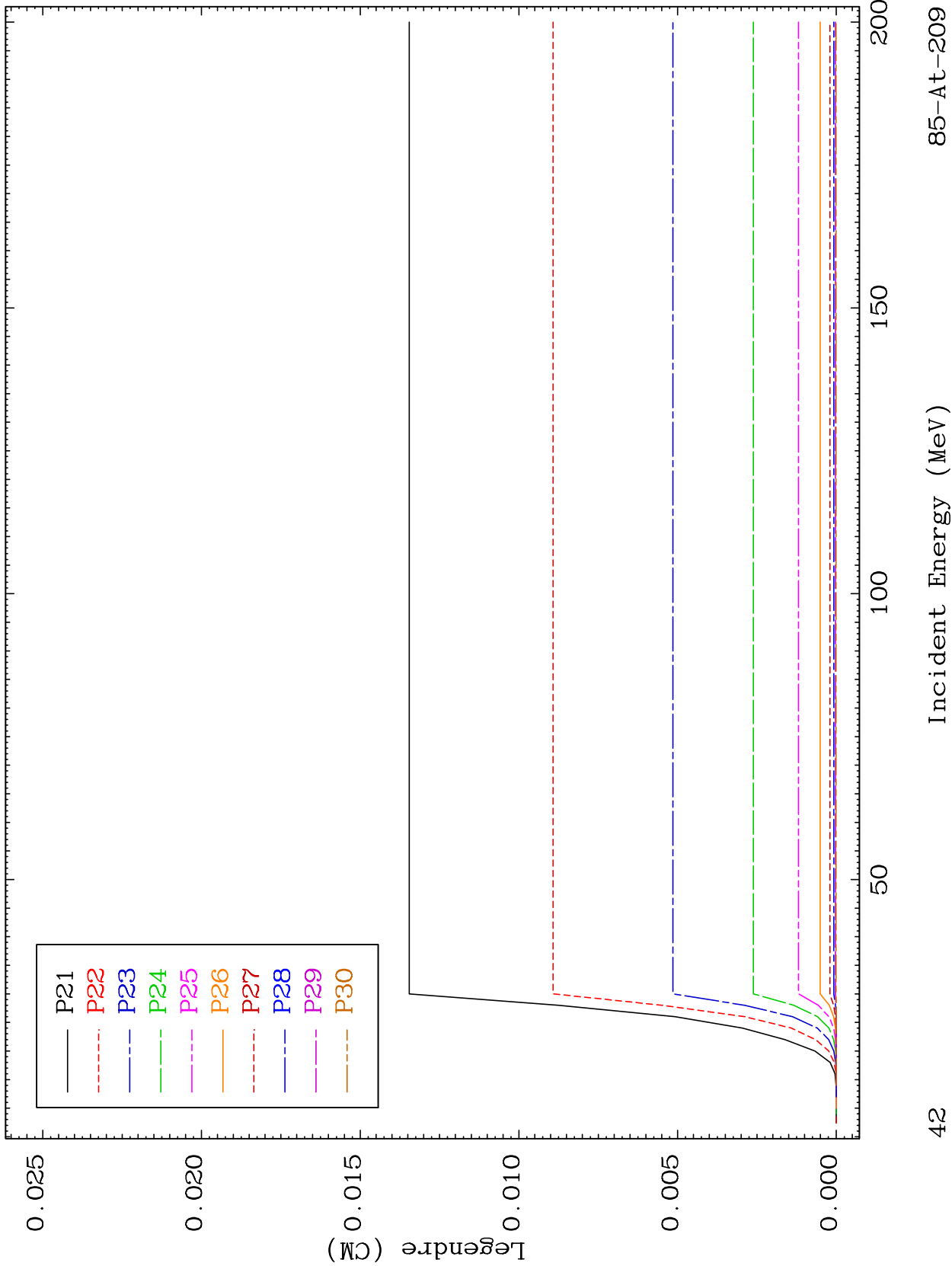
85-At-209



41

Incident Energy (MeV)

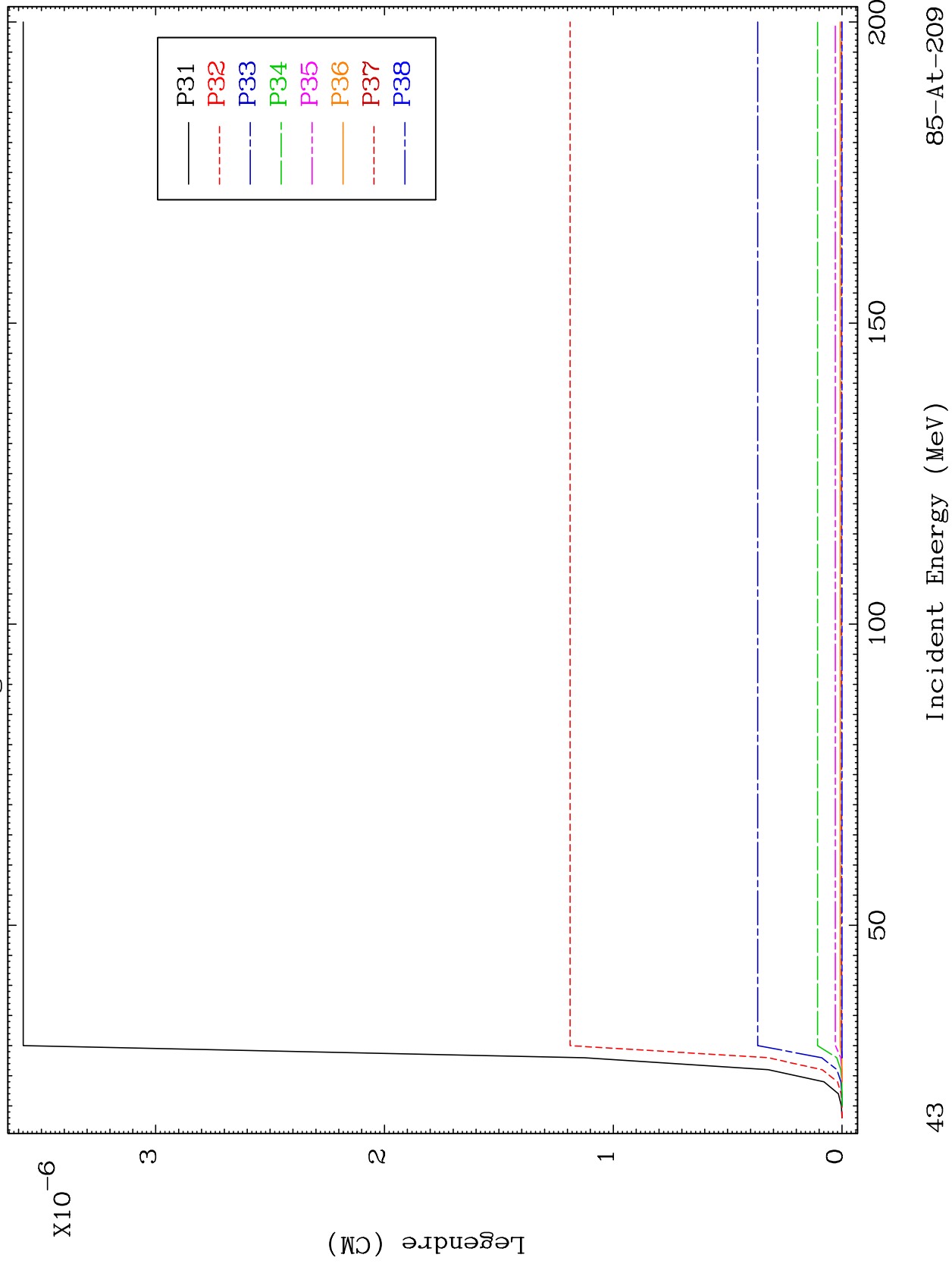
85-At-209



MAT 8543

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

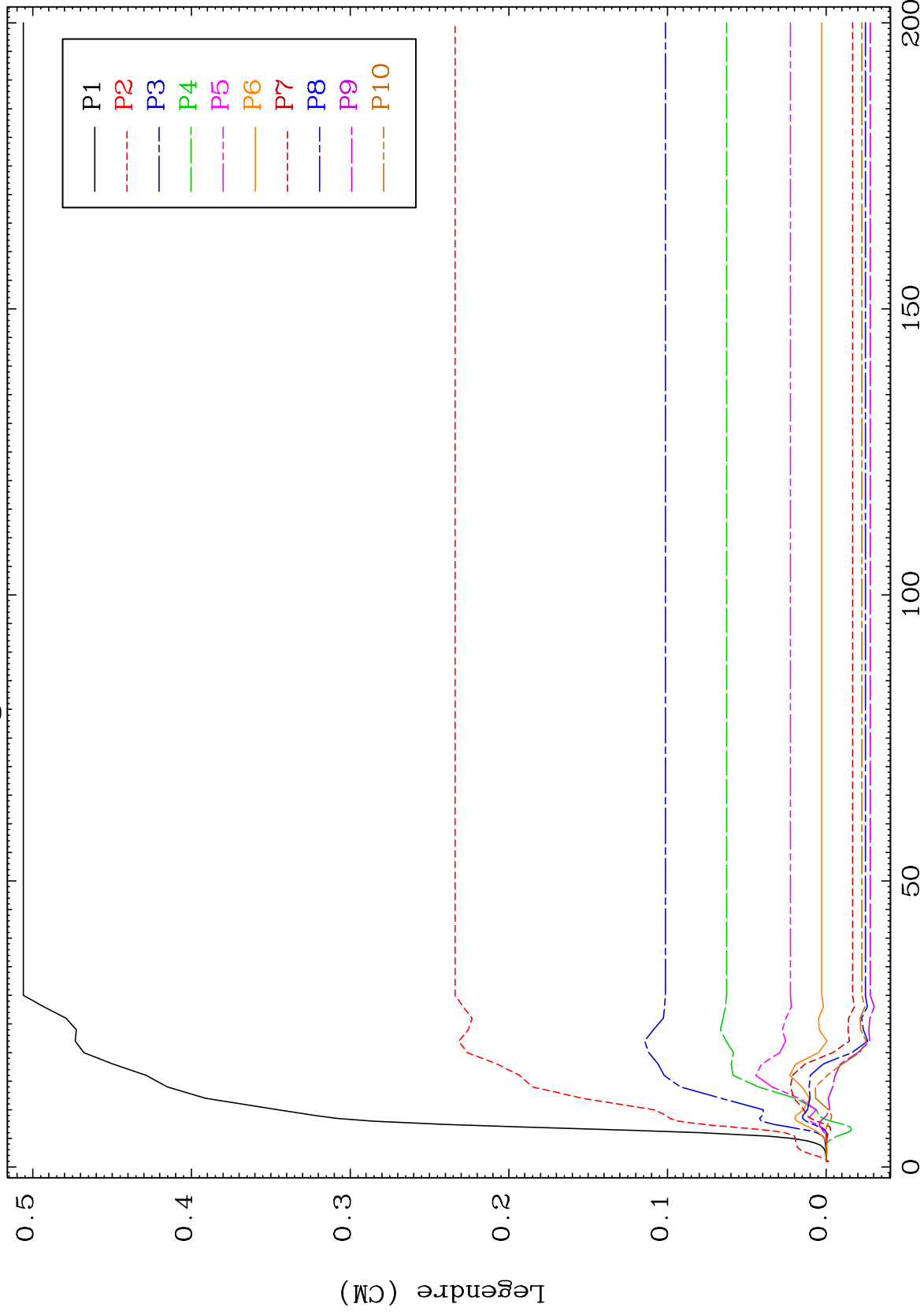
85-At-209



MAT 8543

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

85-At-209



44

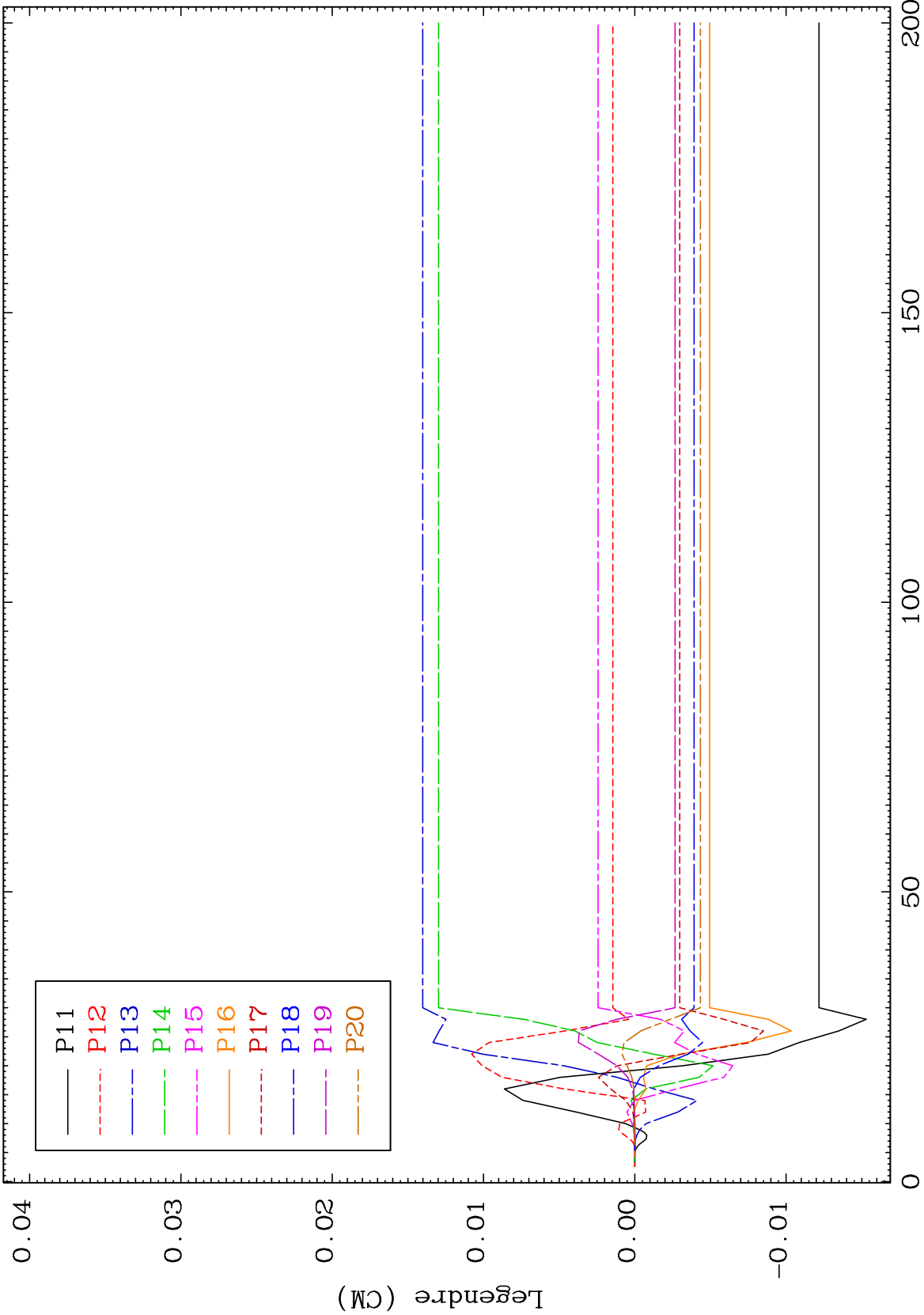
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



45

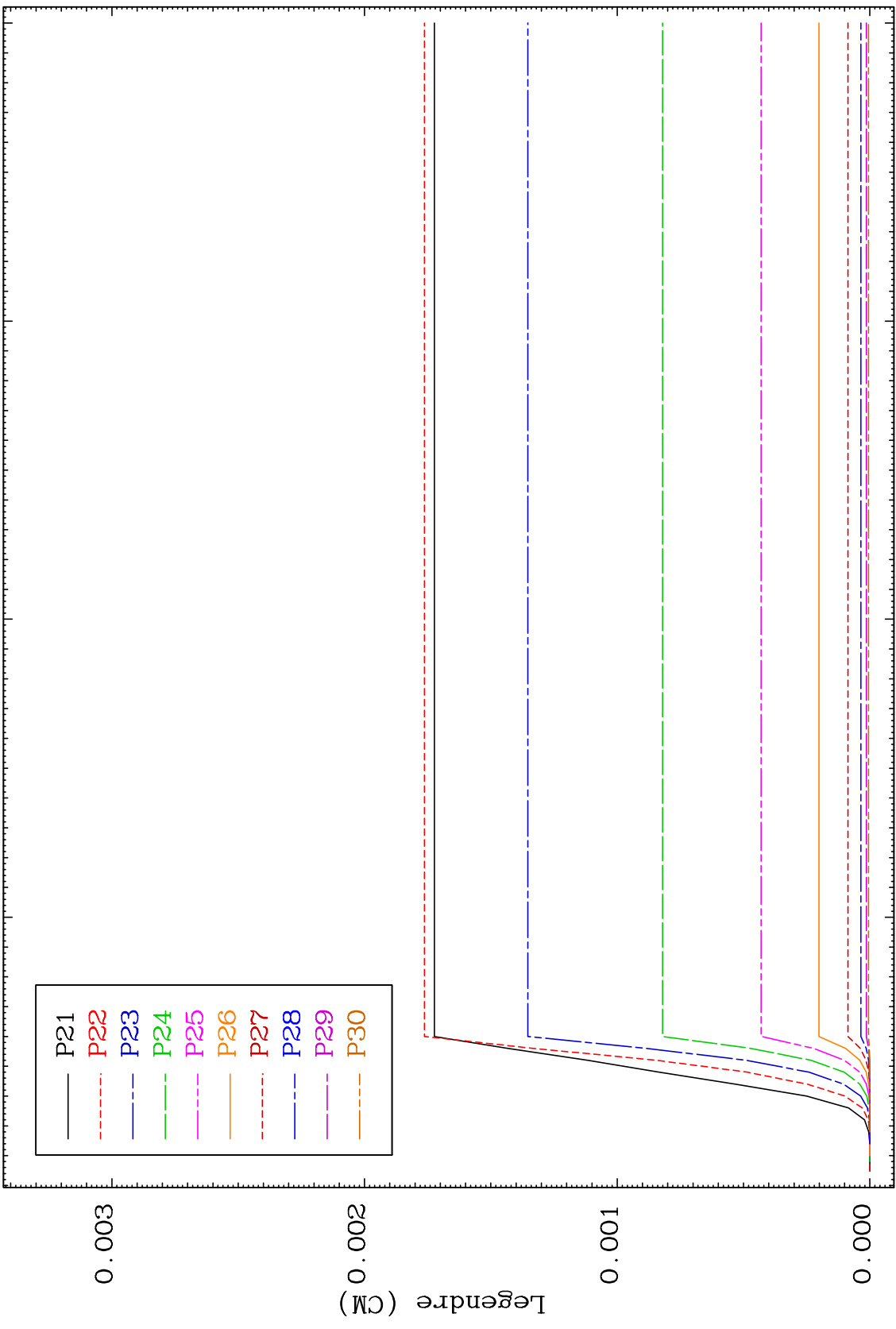
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



46

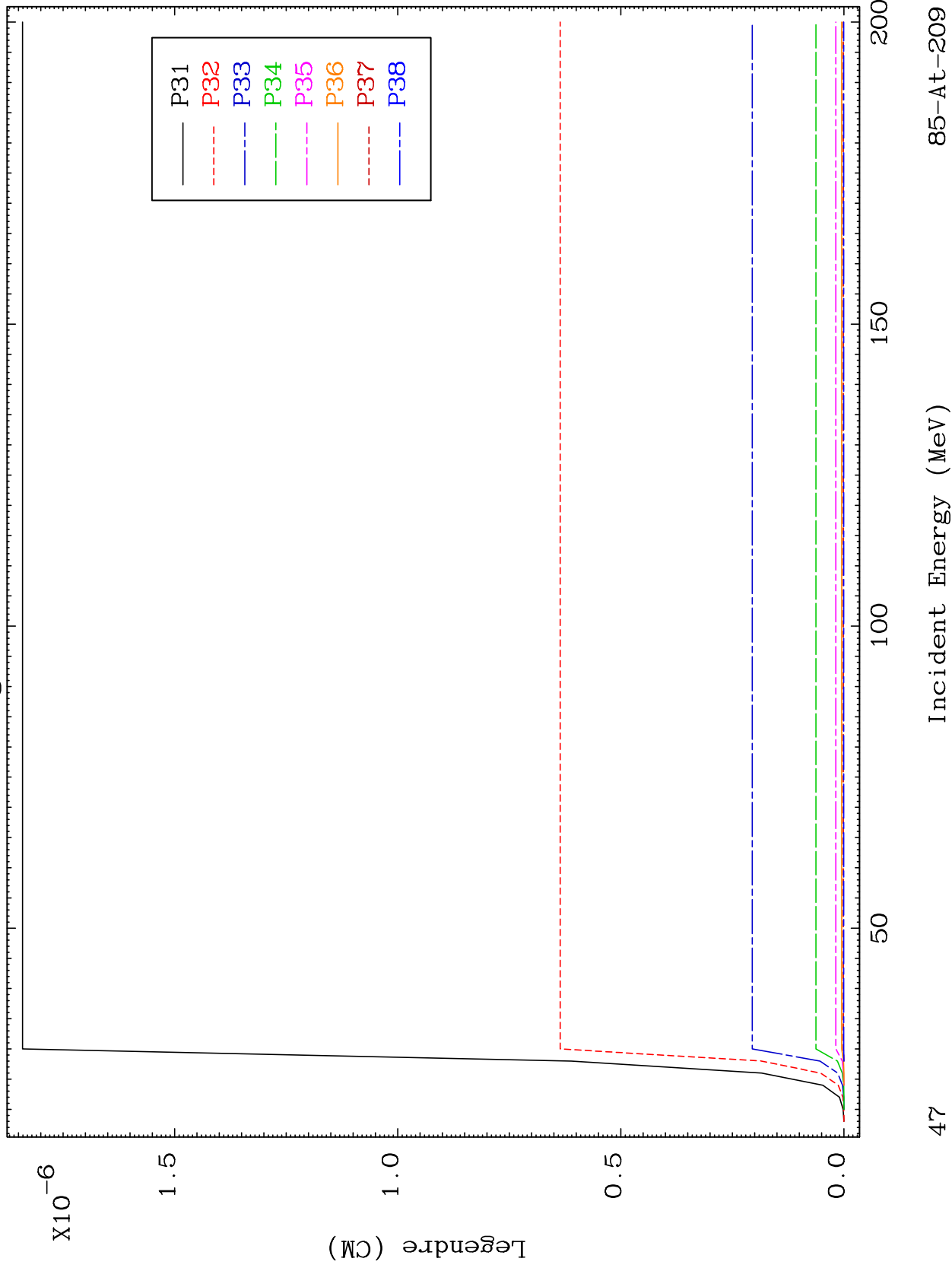
Incident Energy (MeV)

85-At-209

MAT 8543

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

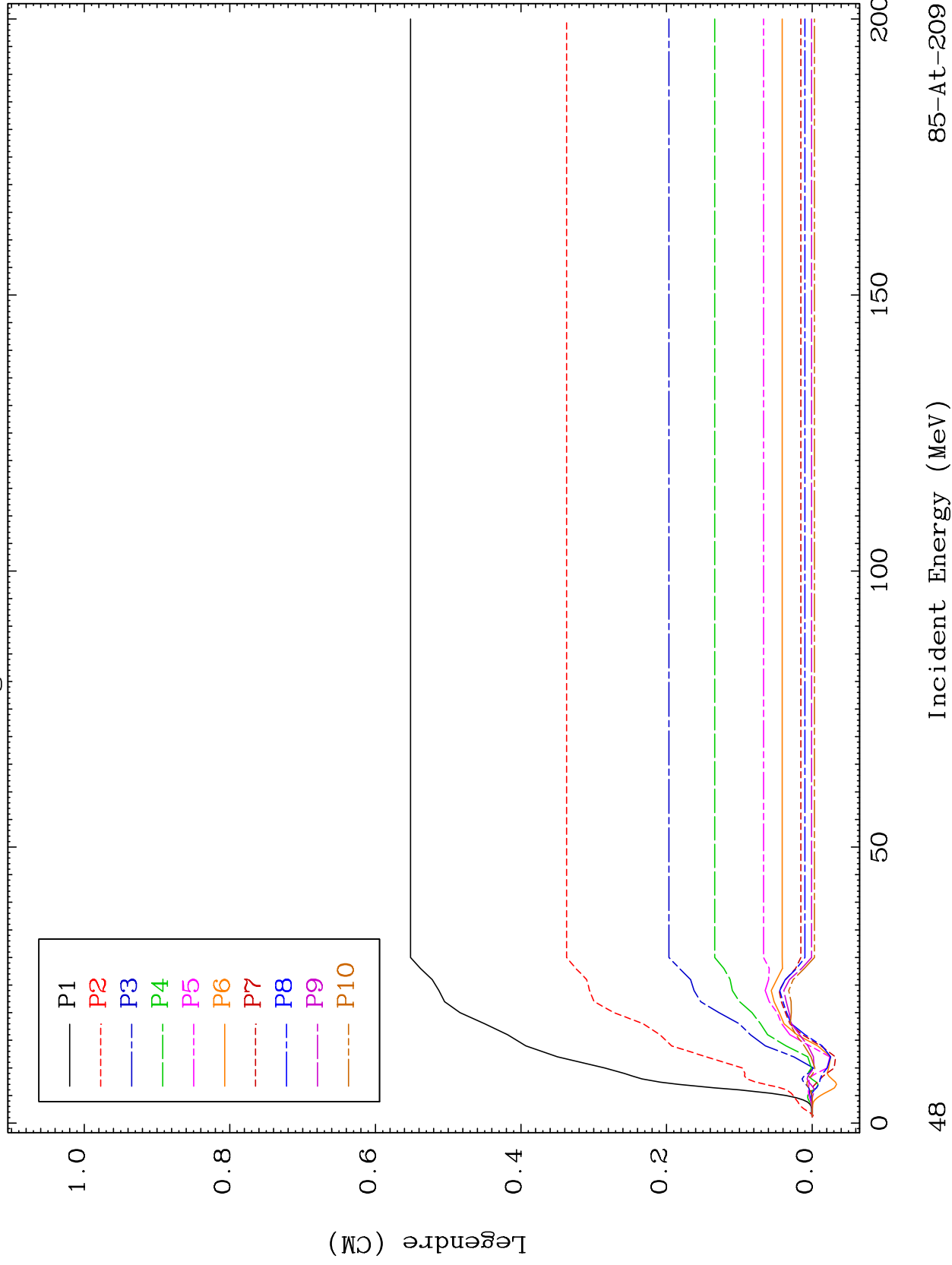
85-At-209



MAT 8543

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

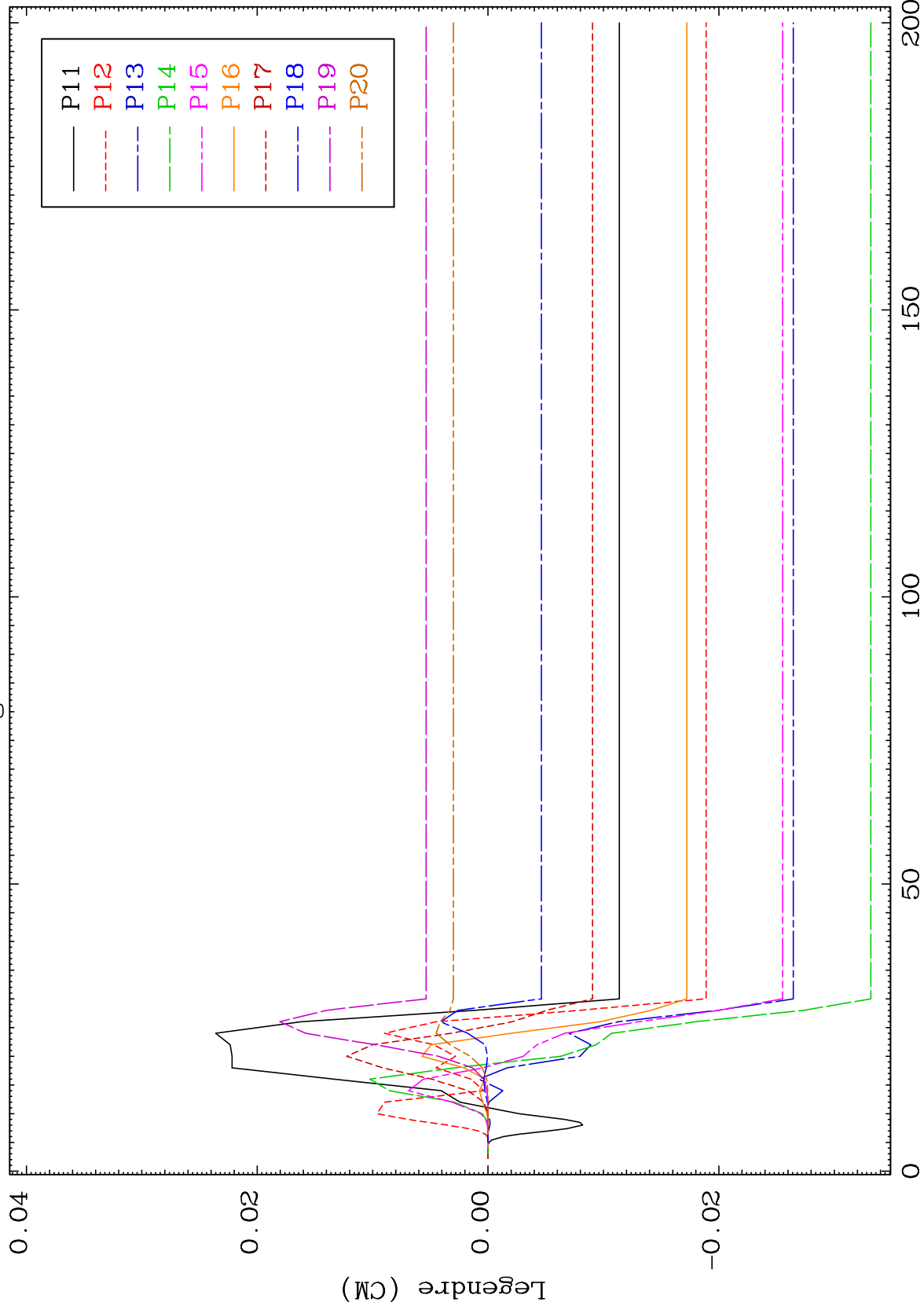
85-At-209



MAT 8543

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

85-At-209



49

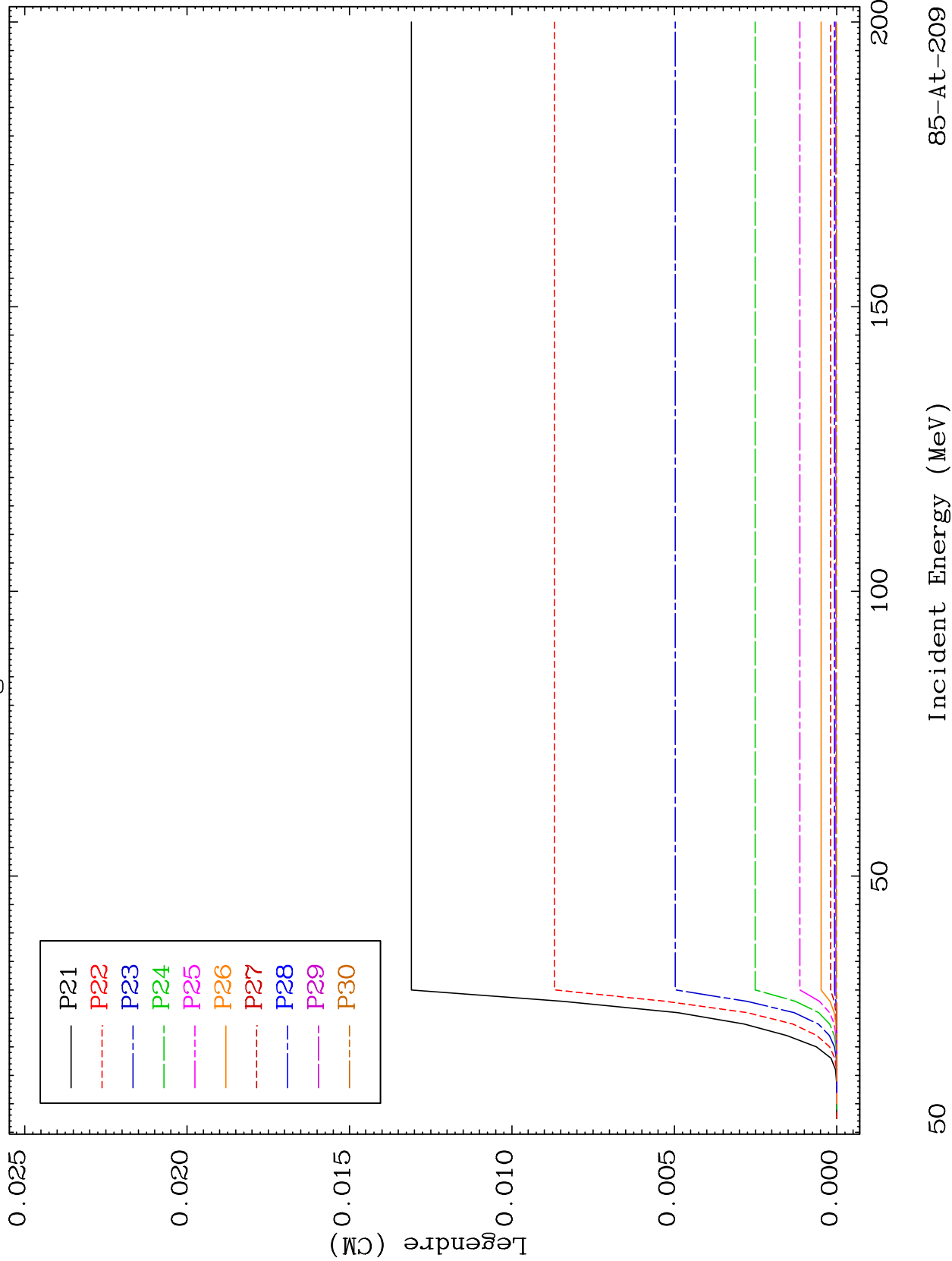
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

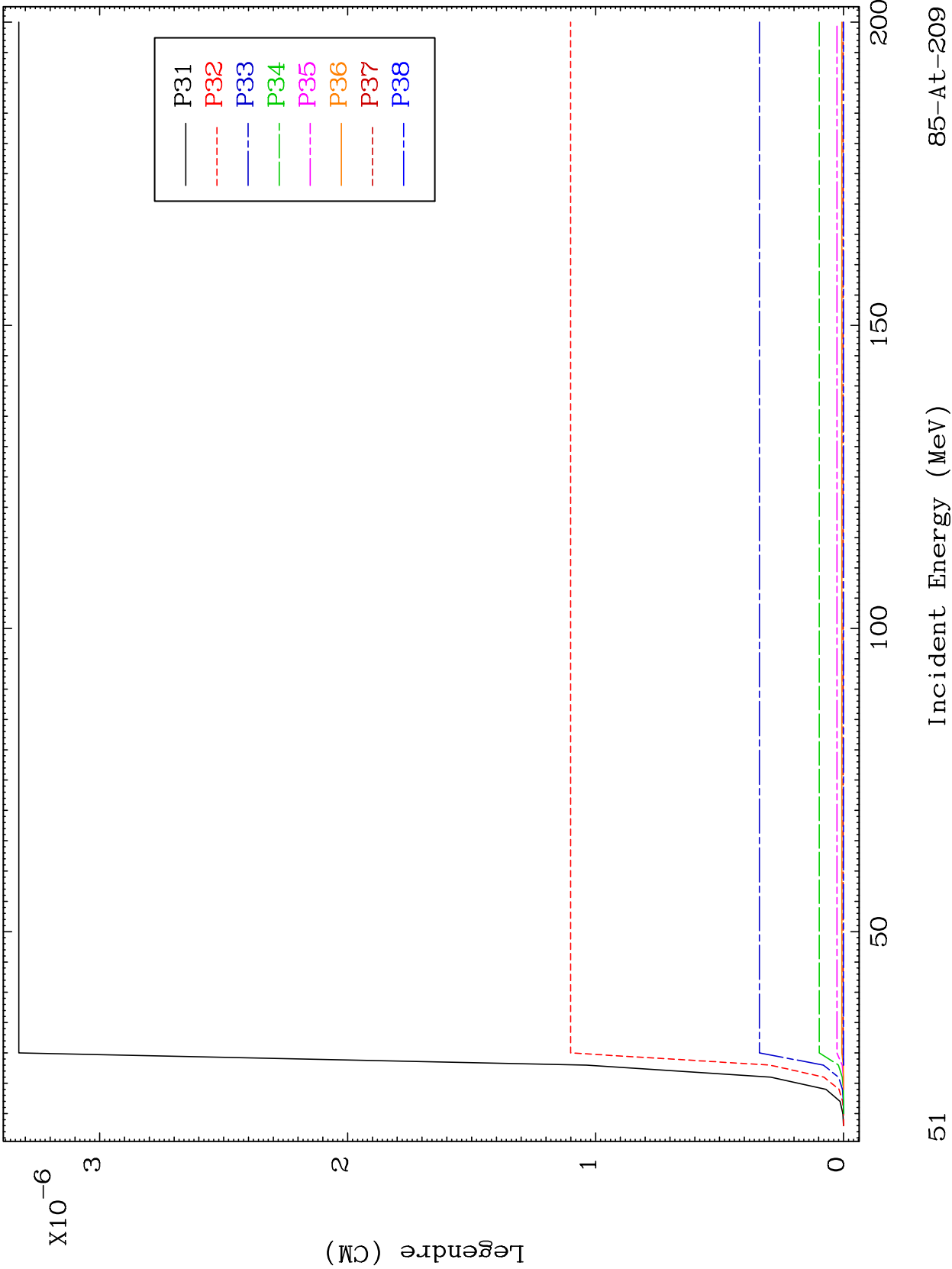
Incident Energy (MeV)

50

MAT 8543

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

85-At-209



51

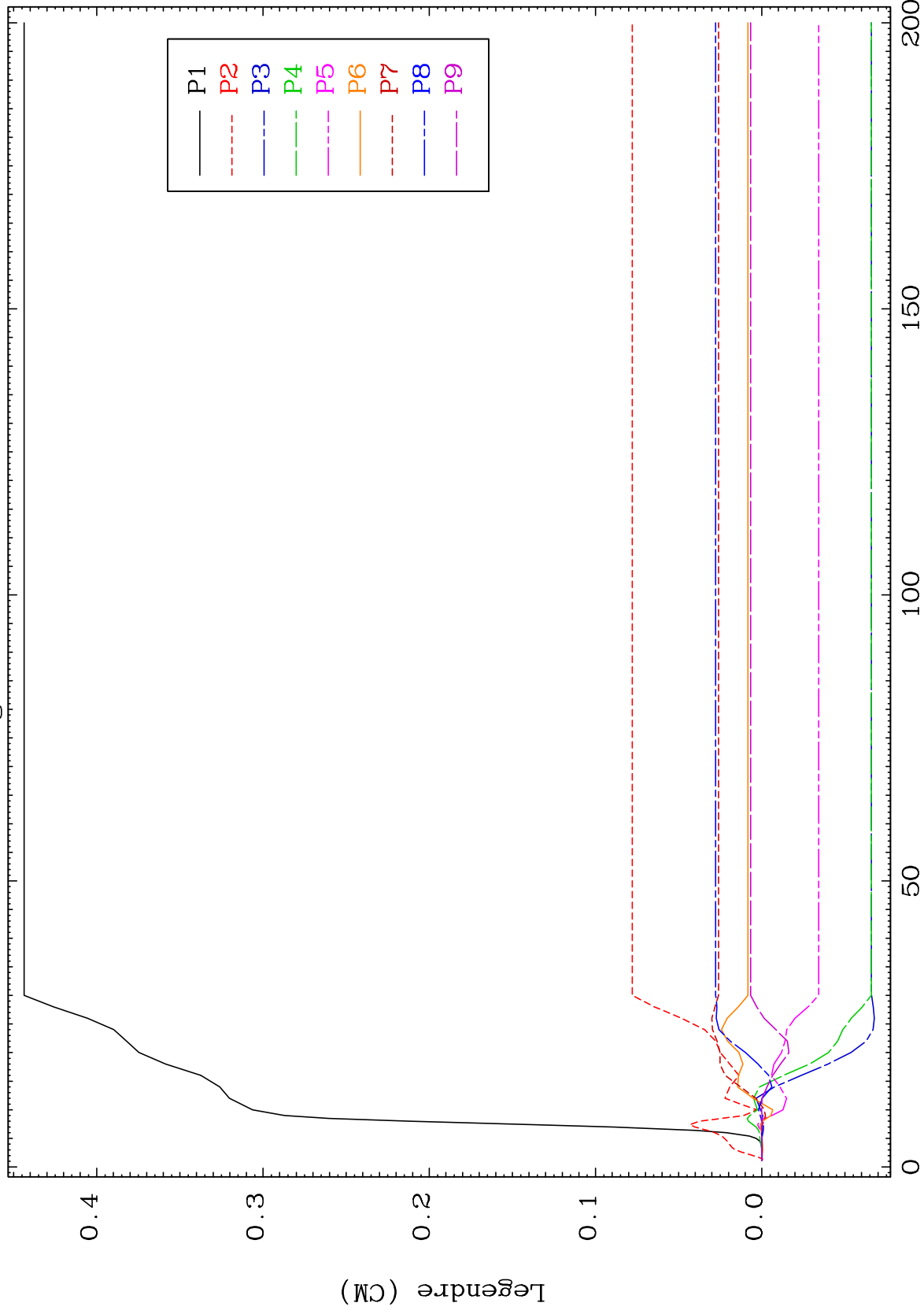
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

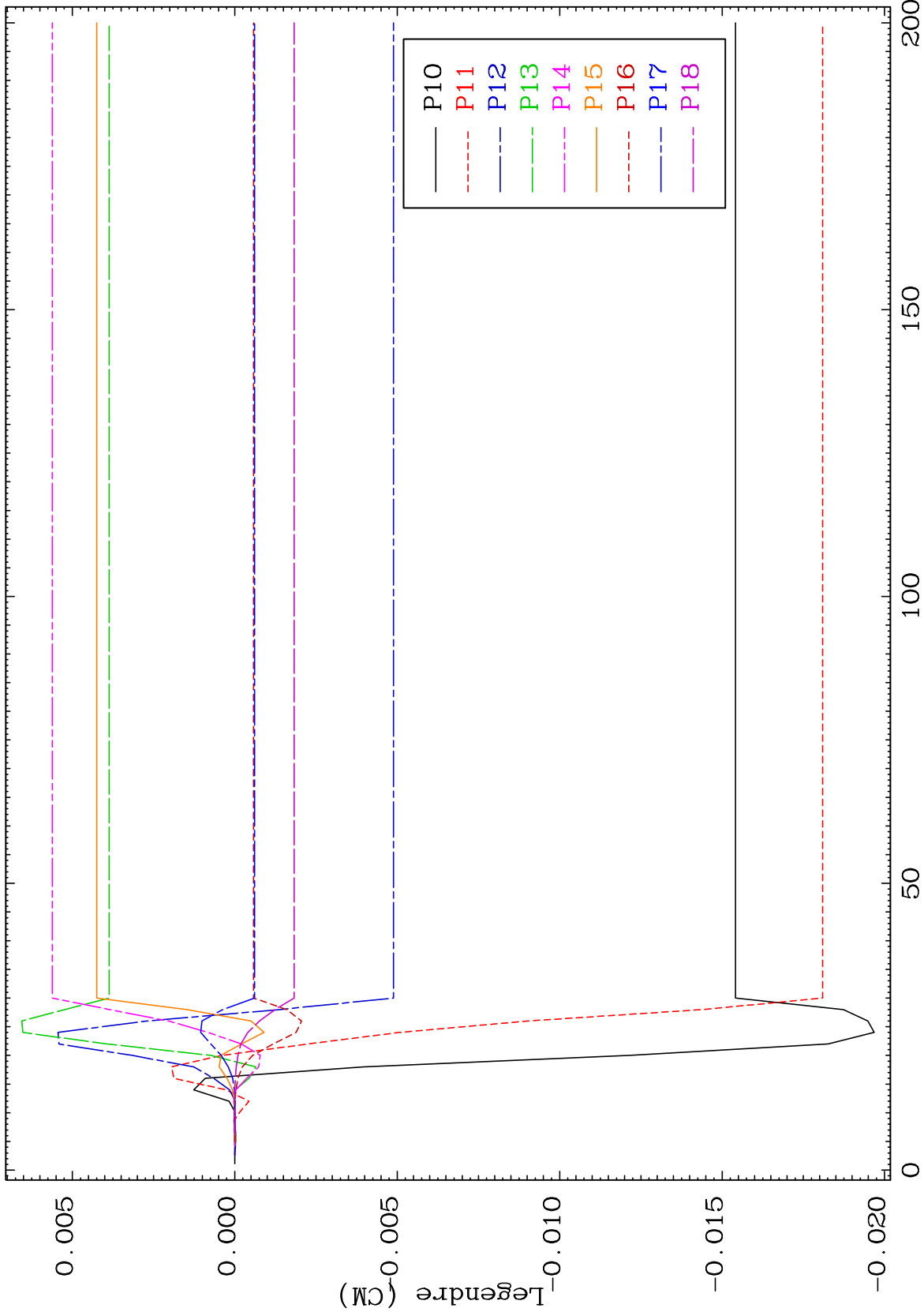
Incident Energy (MeV)

52

MAT 8543

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

85-At-209



53

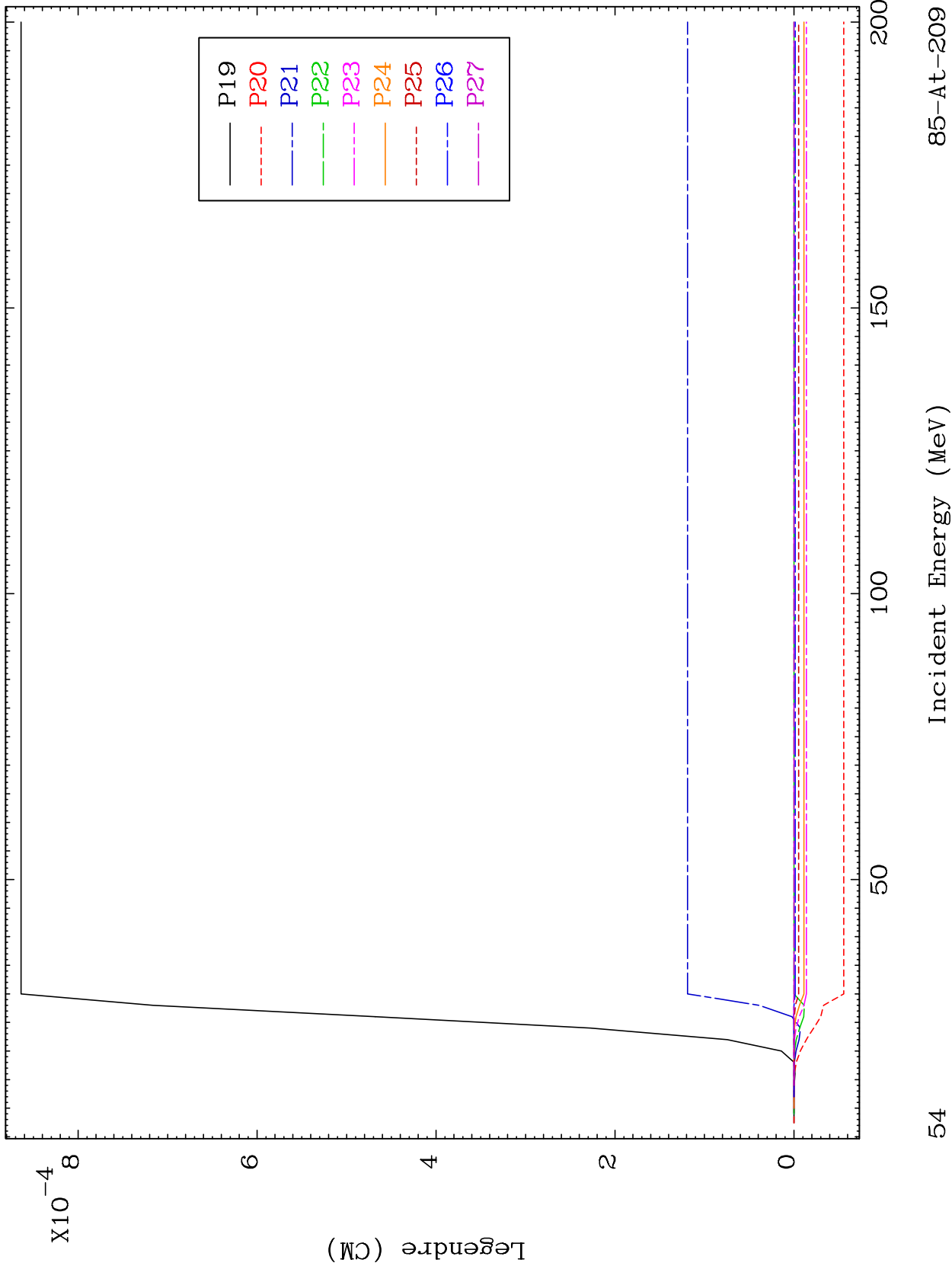
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



54

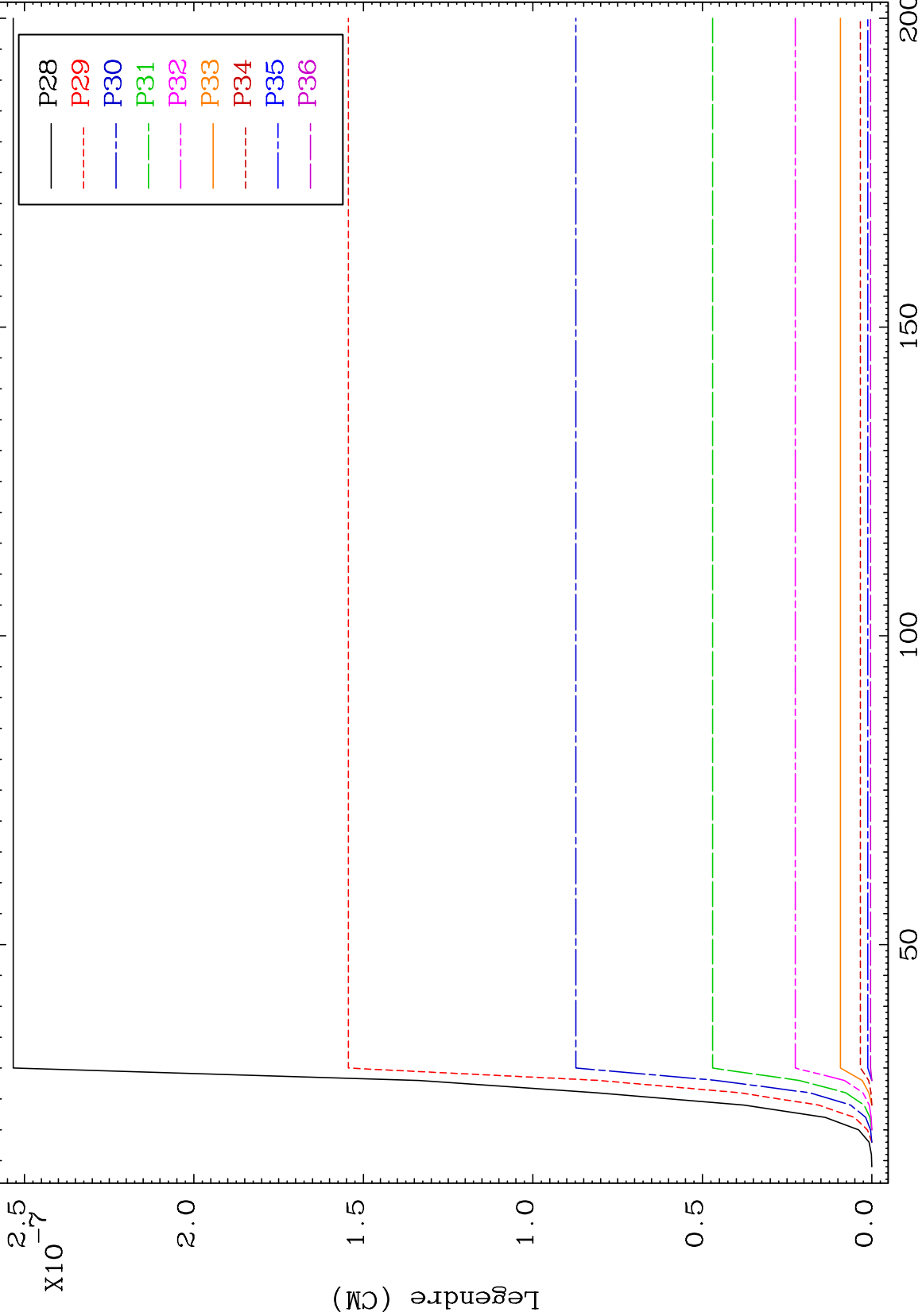
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



55

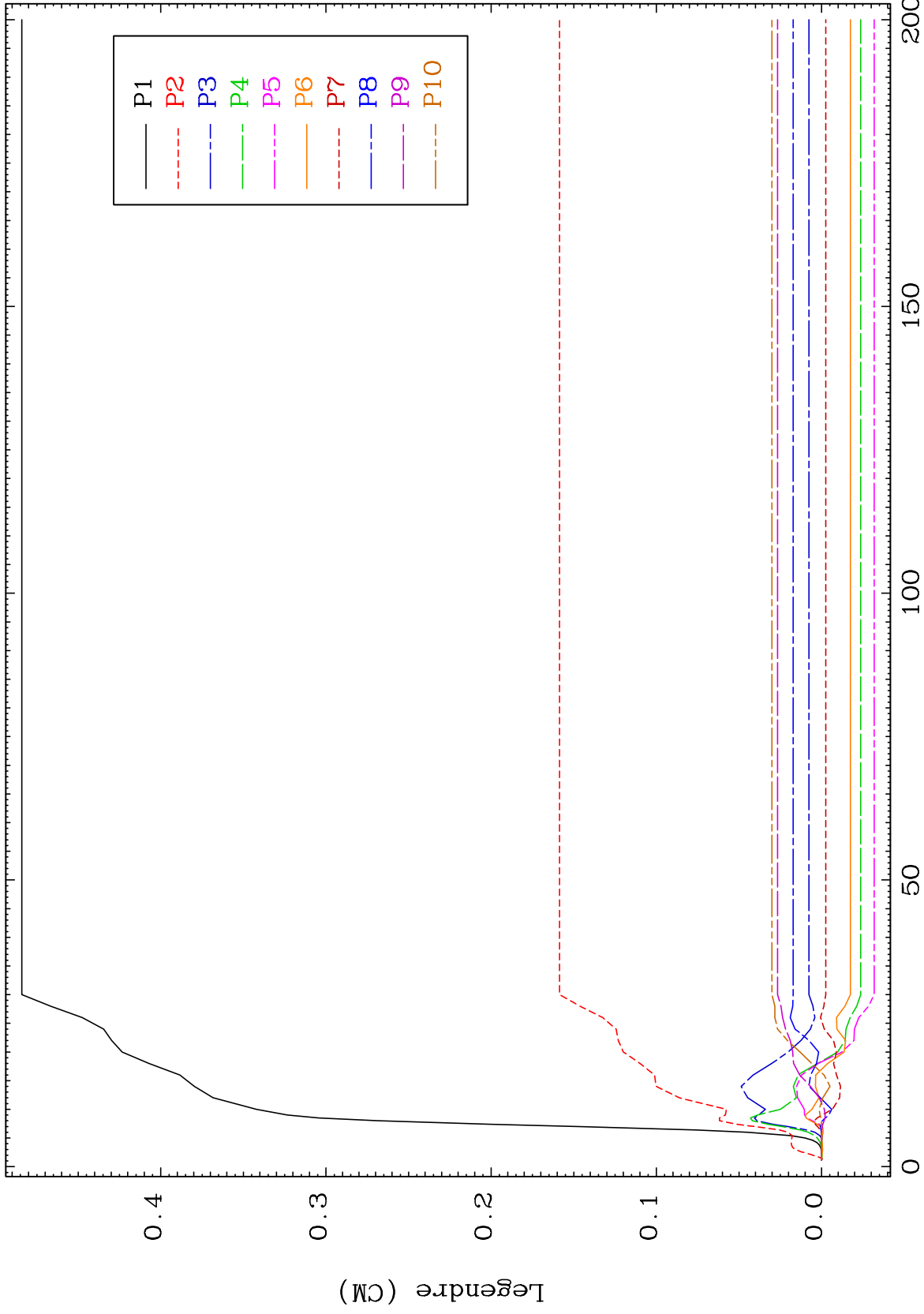
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



56

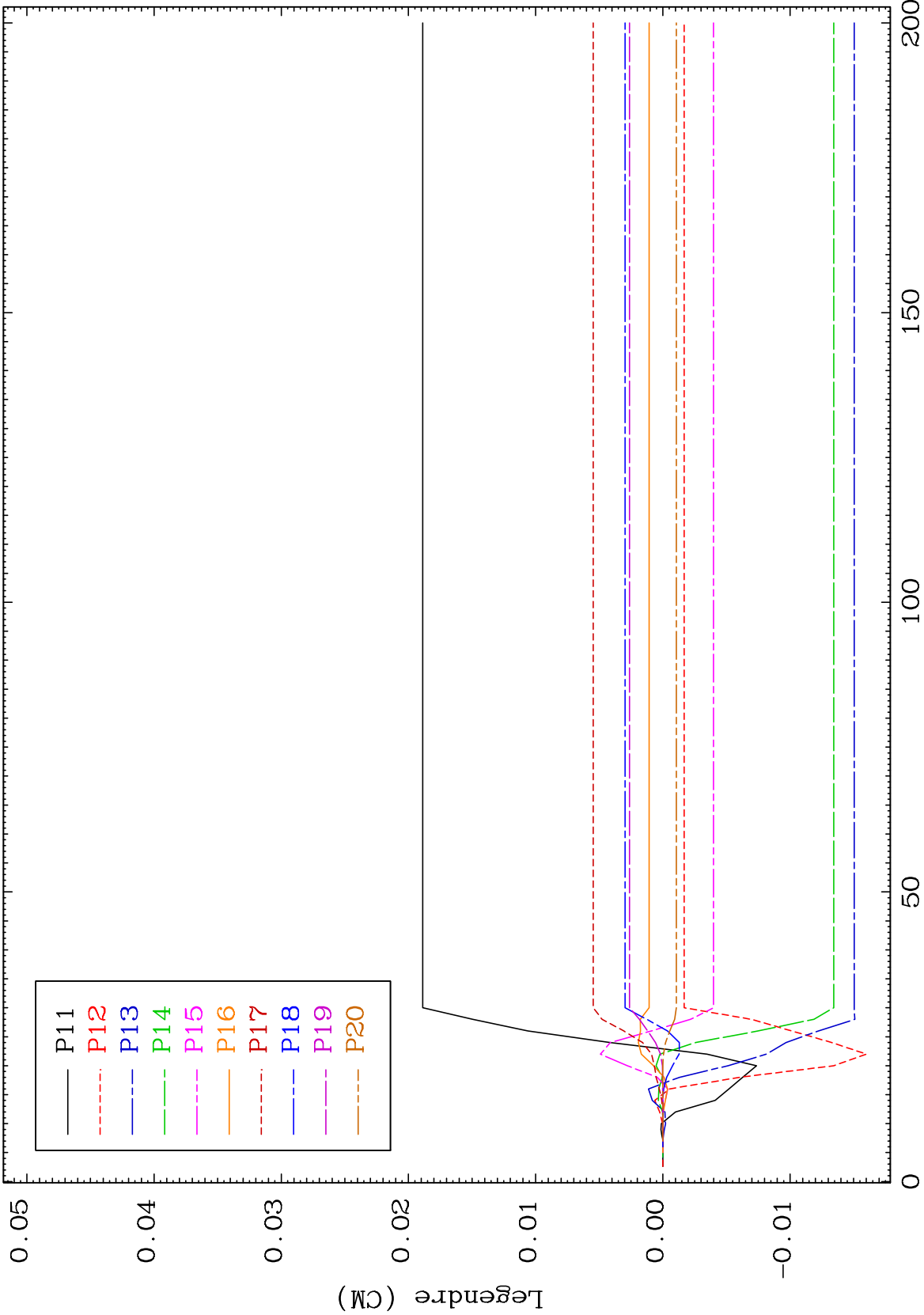
Incident Energy (MeV)

85-At-209

MAT 8543

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

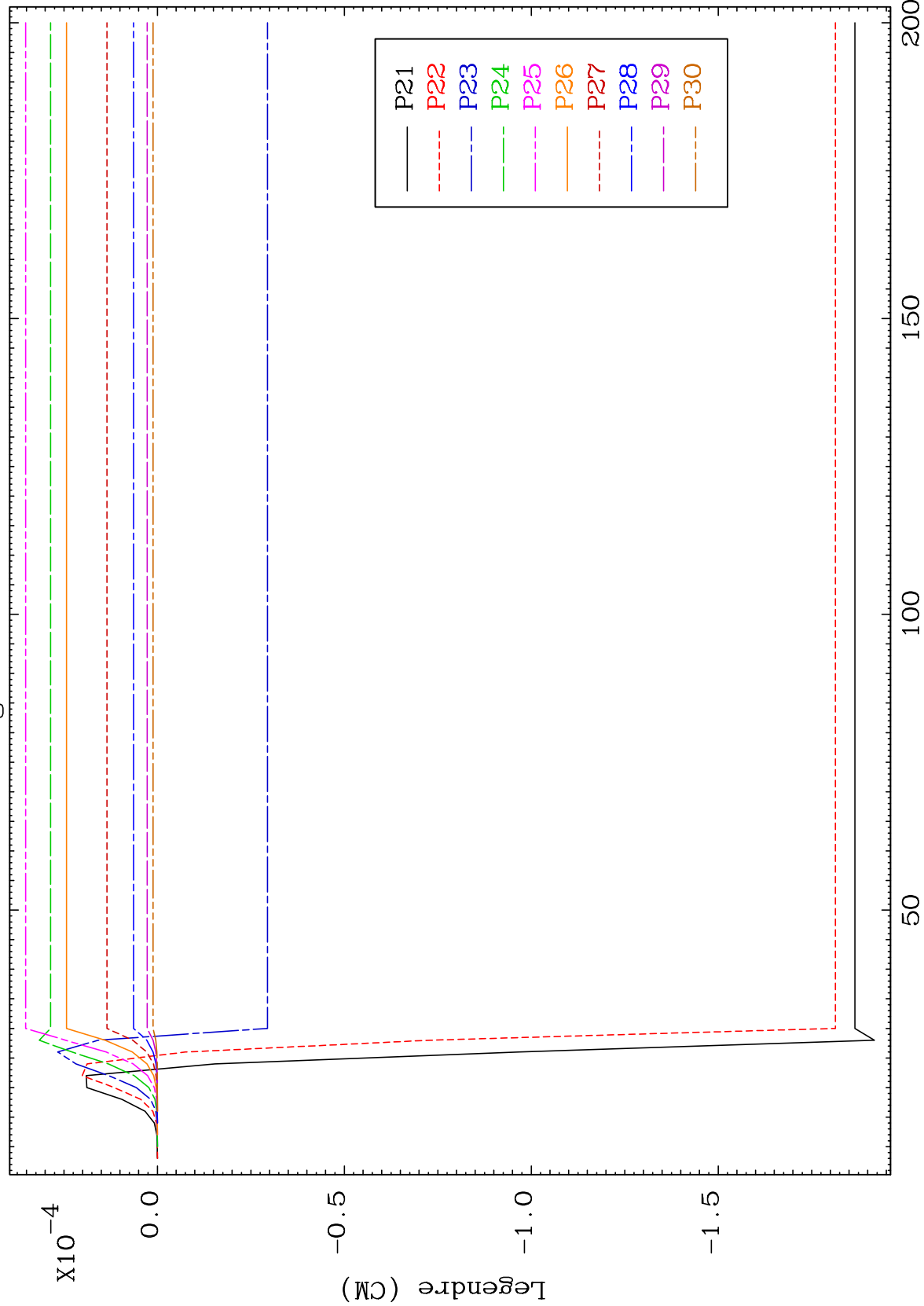
85-At-209



57

Incident Energy (MeV)

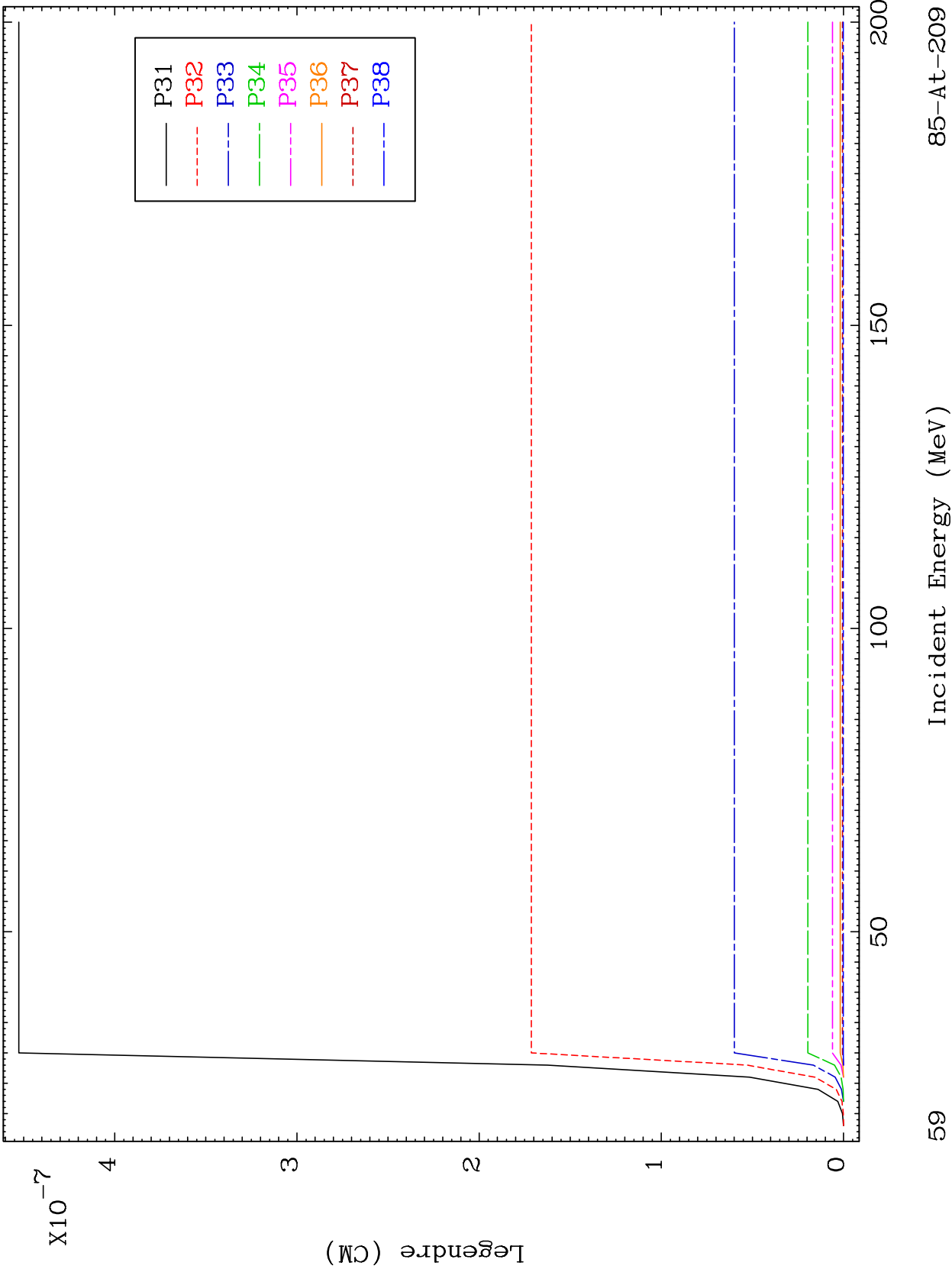
85-At-209



MAT 8543

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

85-At-209



59

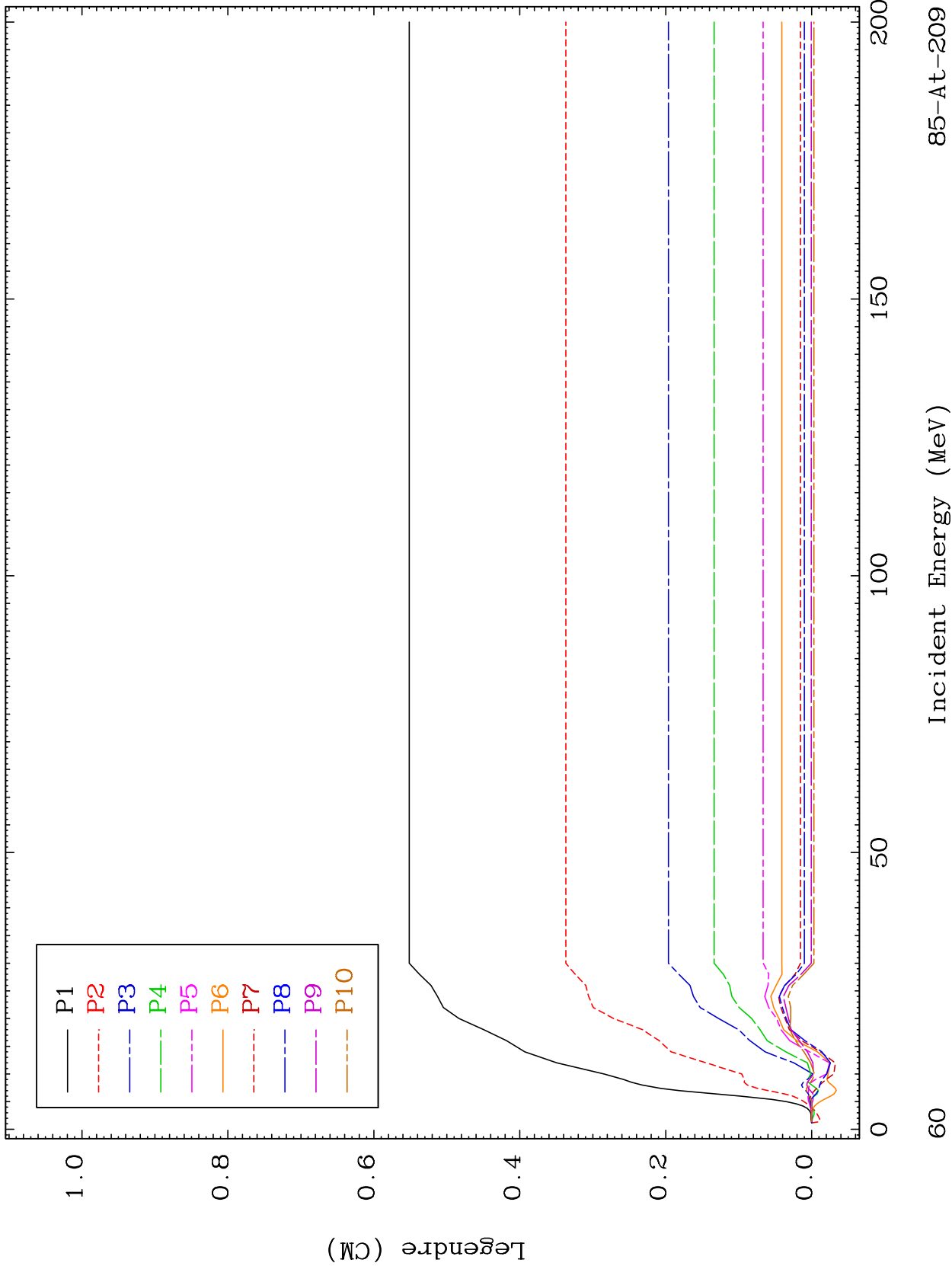
Incident Energy (MeV)

85-At-209

MAT 8543

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

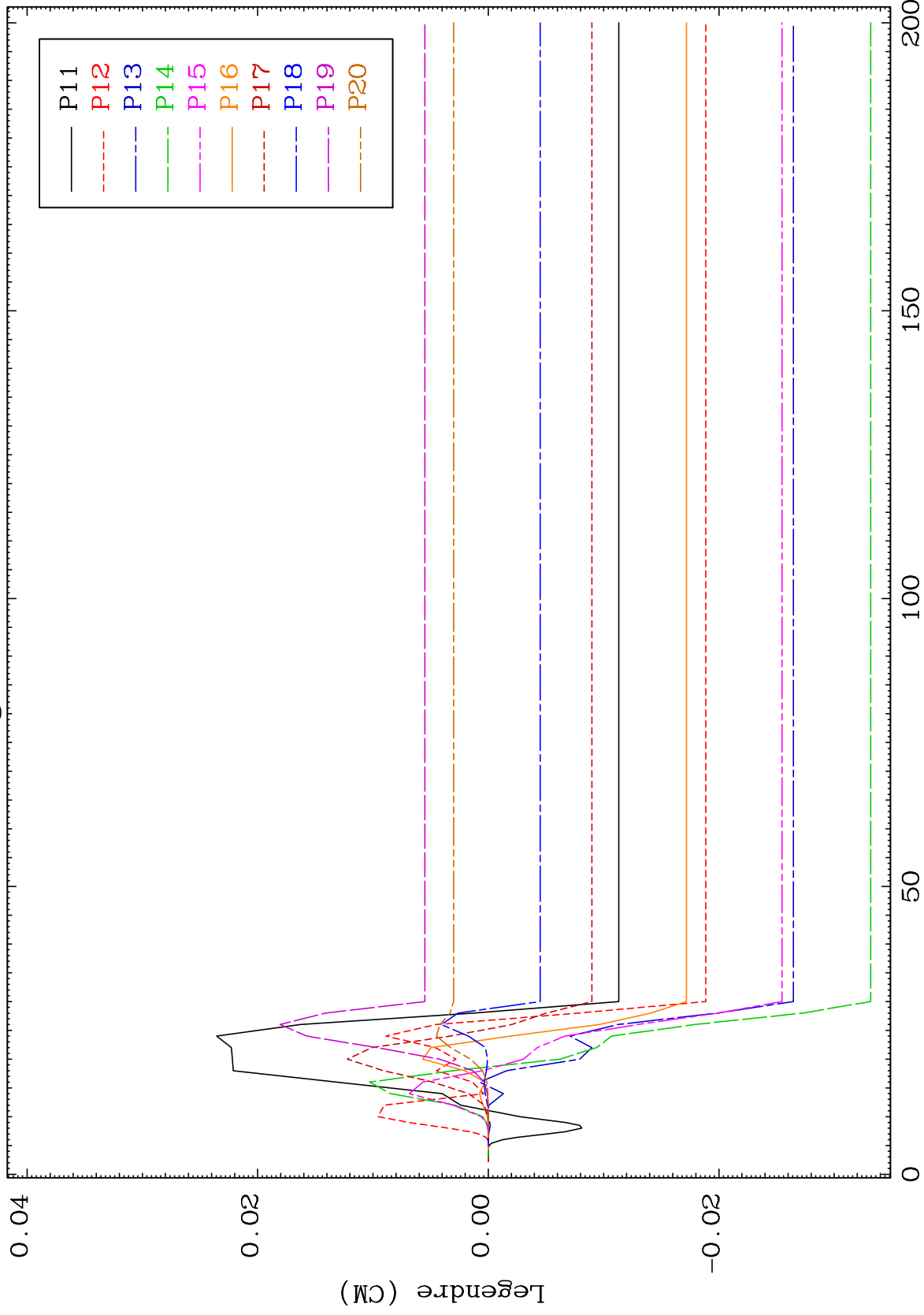
85-At-209



MAT 8543

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

85-At-209



61

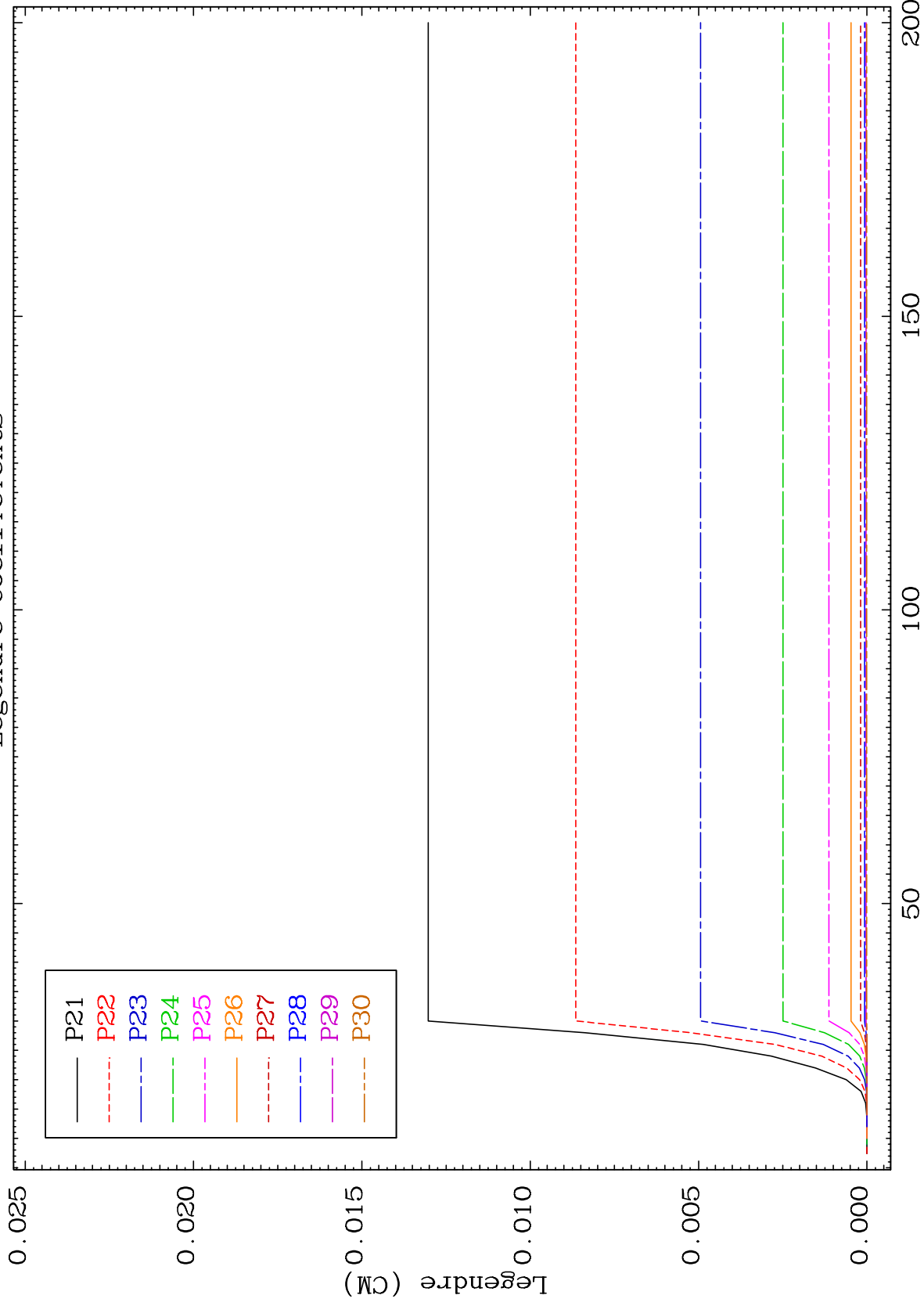
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



62

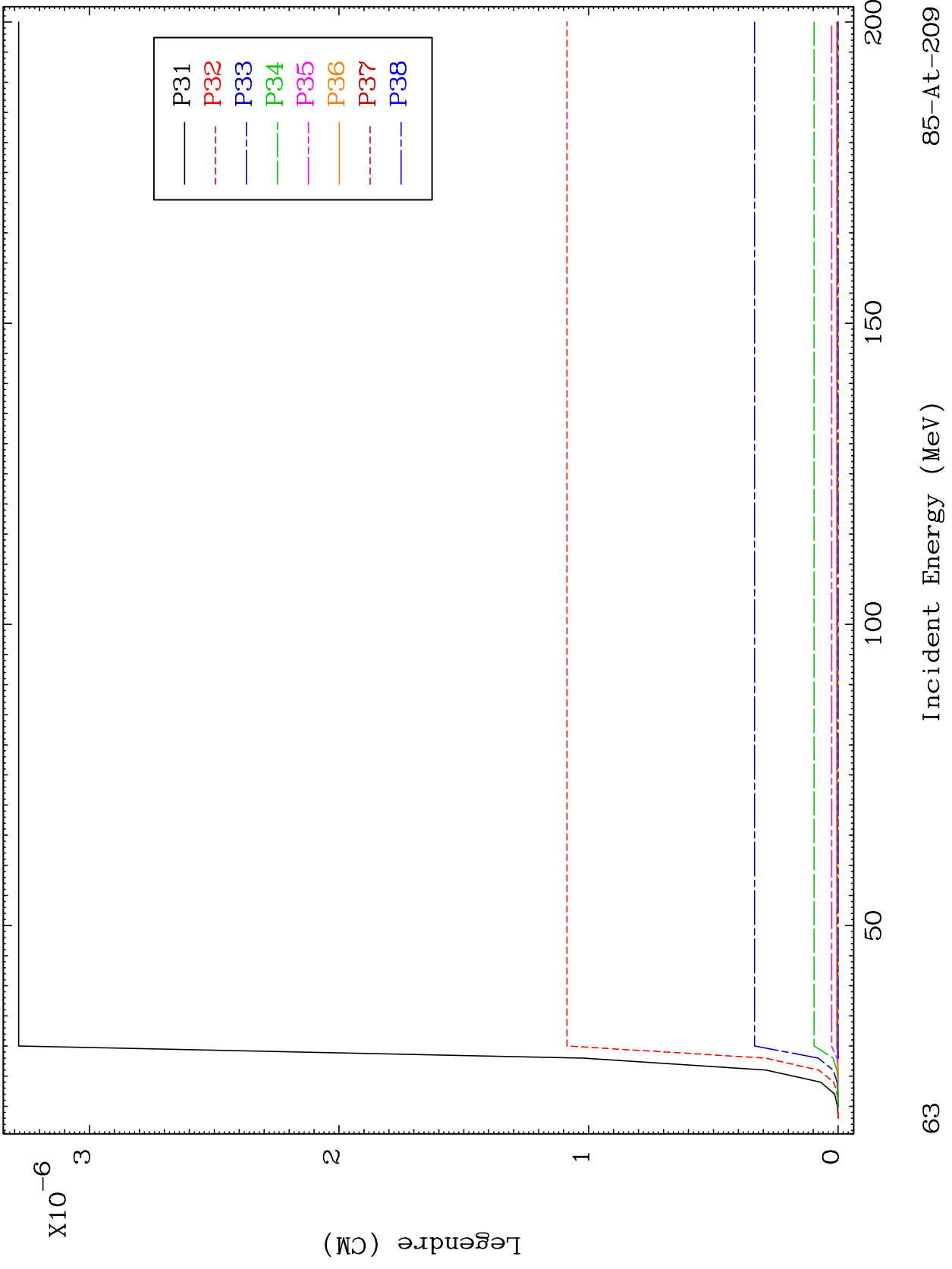
Incident Energy (MeV)

85-At-209

MAT 8543

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

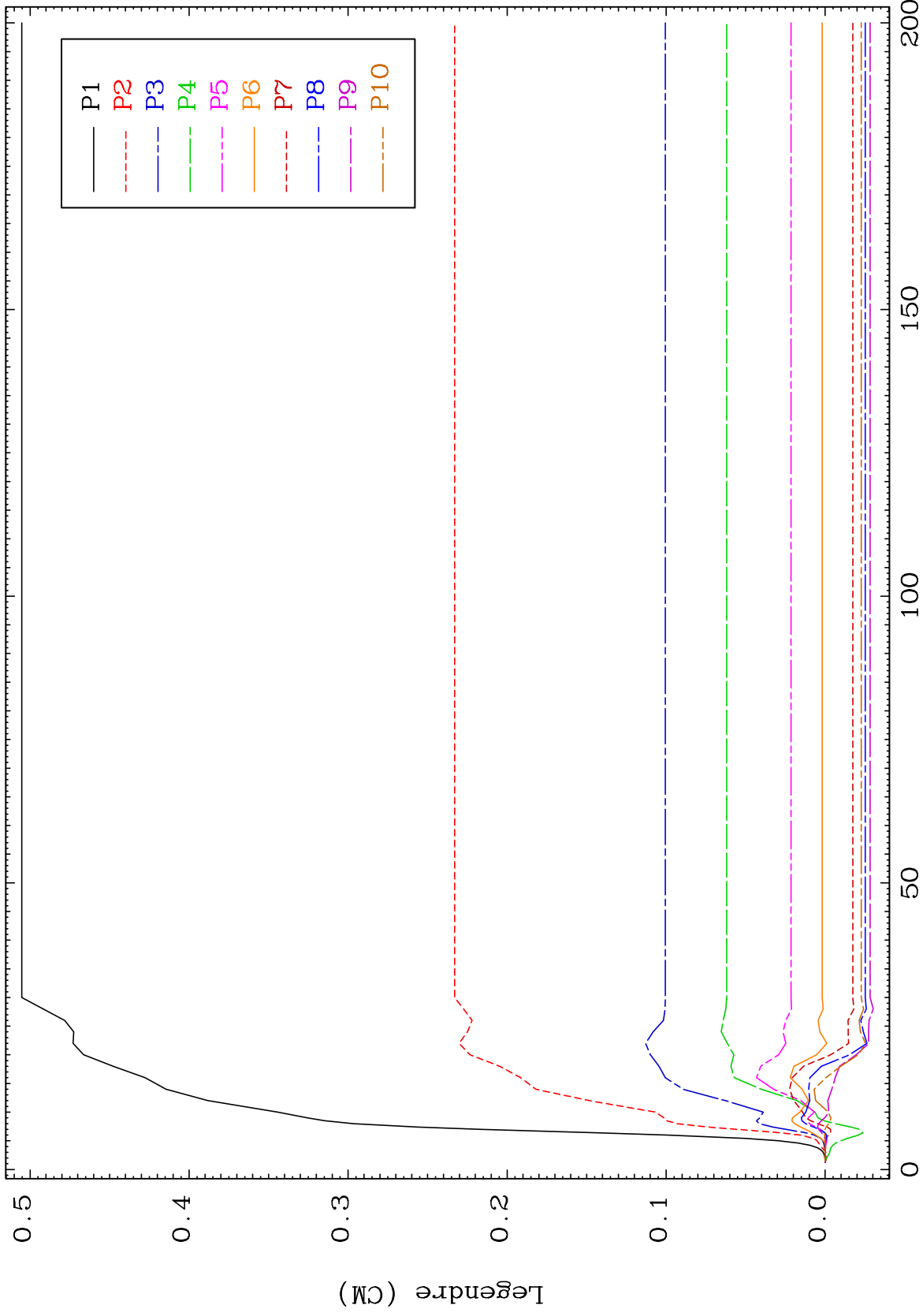
85-At-209



MAT 8543

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

85-At-209



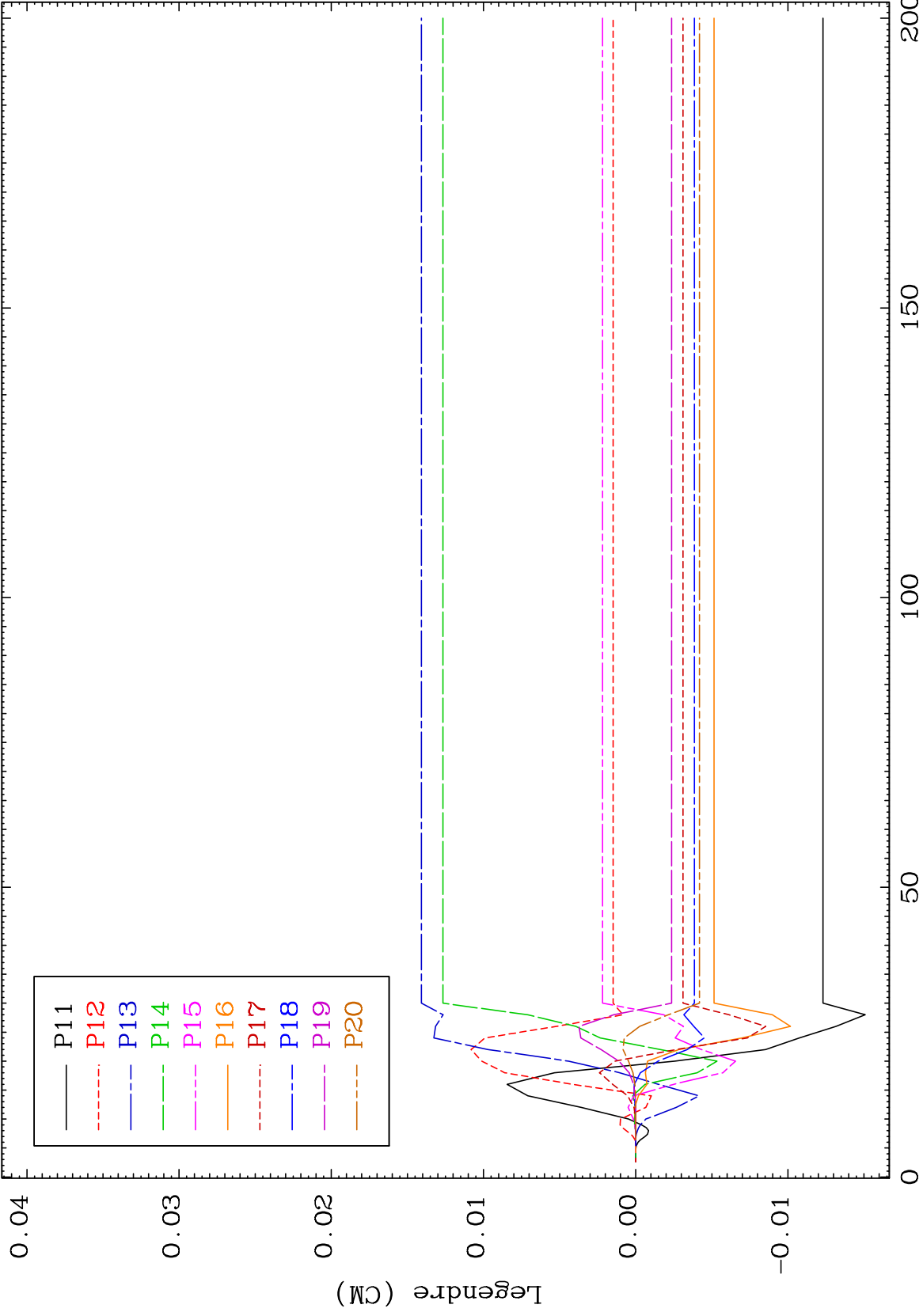
64

85-At-209

MAT 8543

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

85-At-209



65

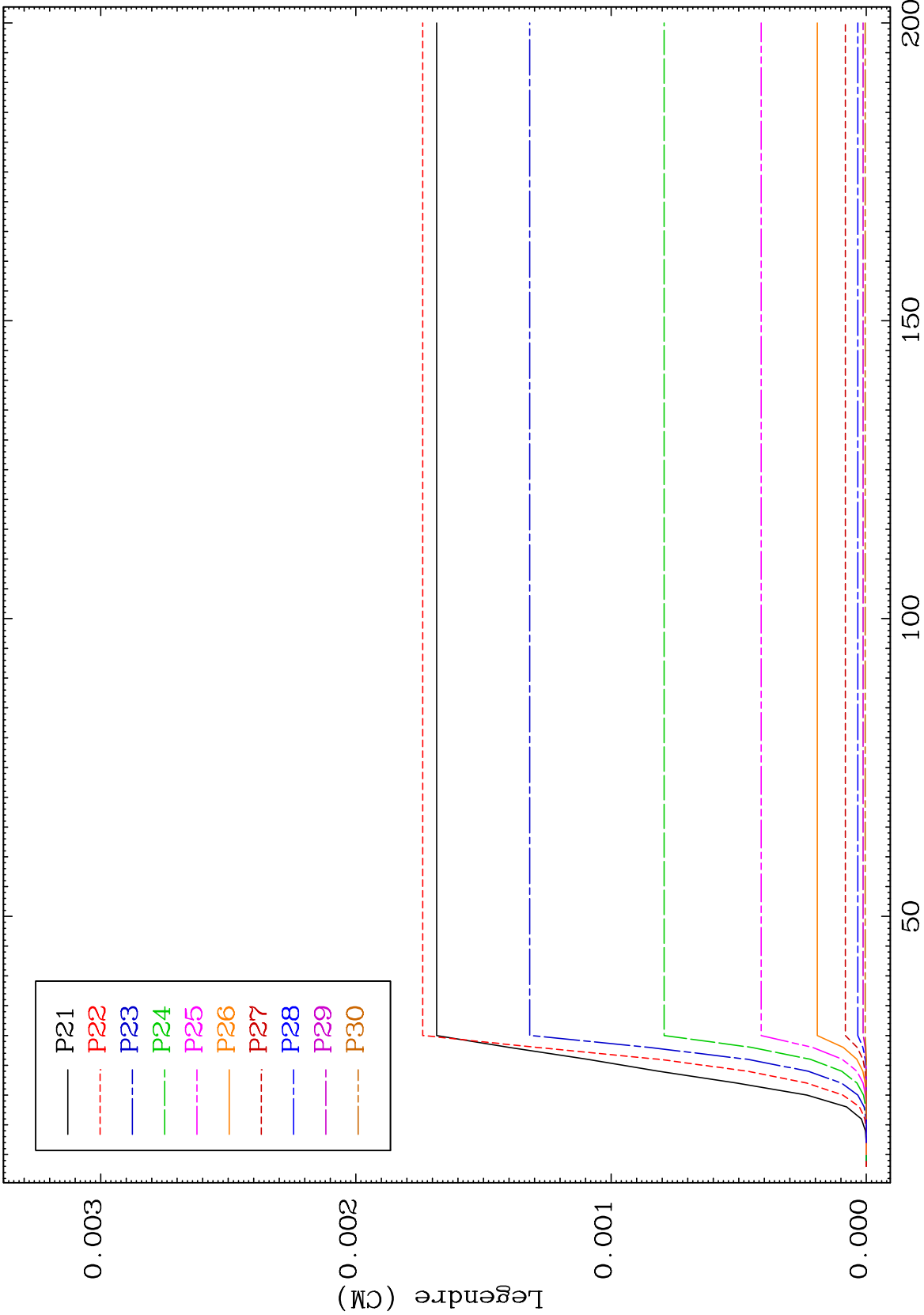
Incident Energy (MeV)

85-At-209

MAT 8543

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

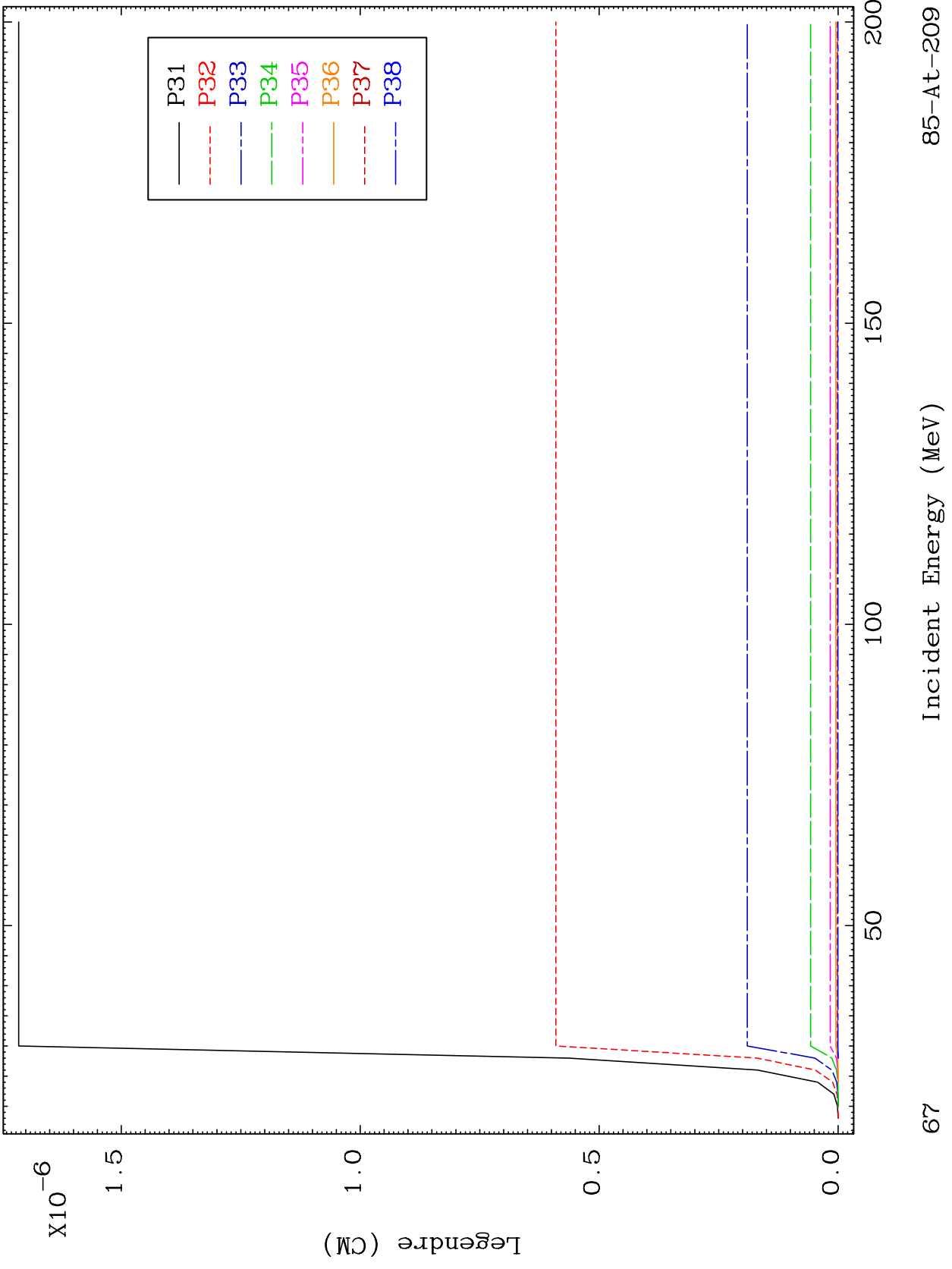
85-At-209



MAT 8543

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

85-At-209



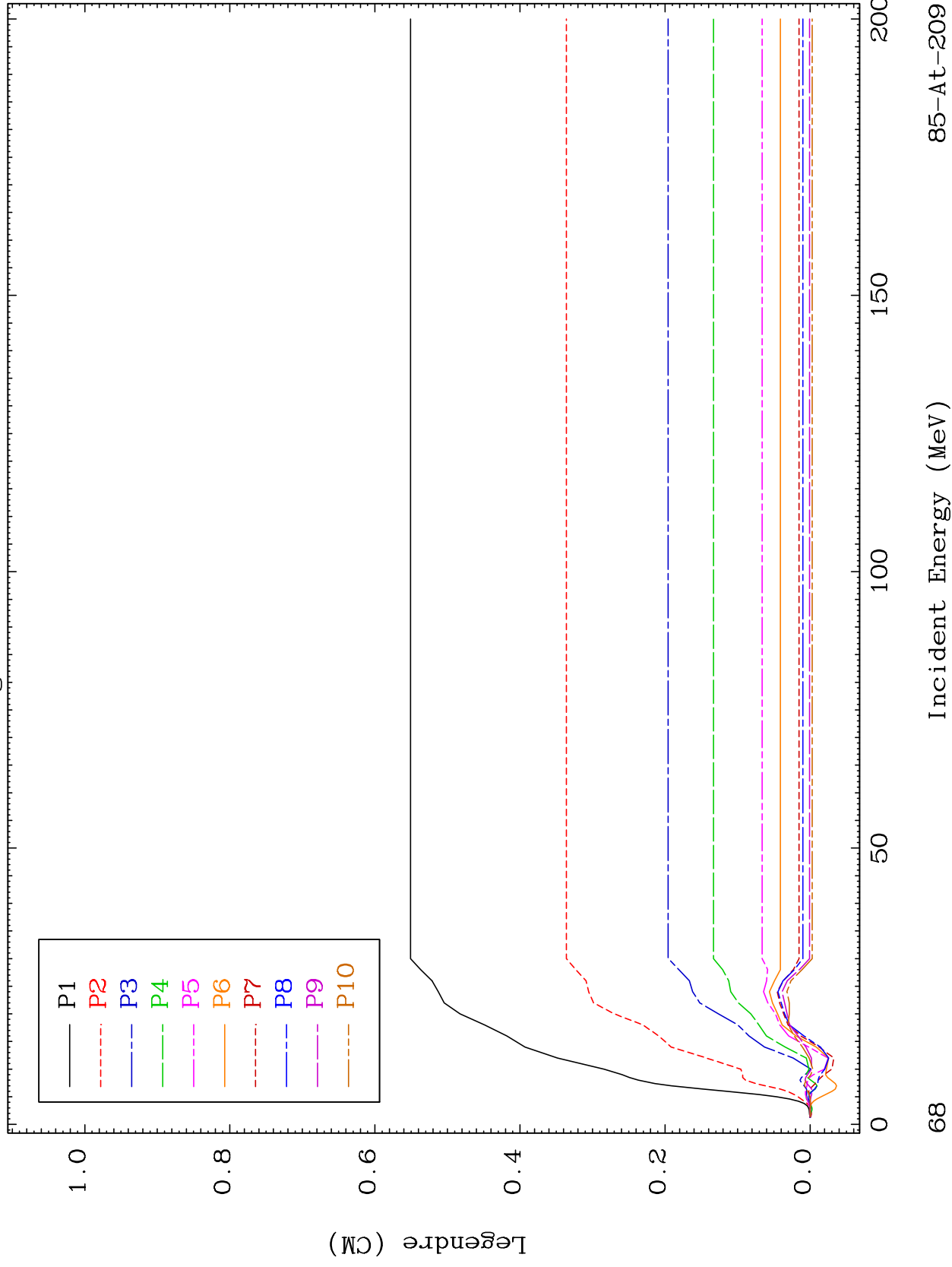
67

85-At-209

MAT 8543

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

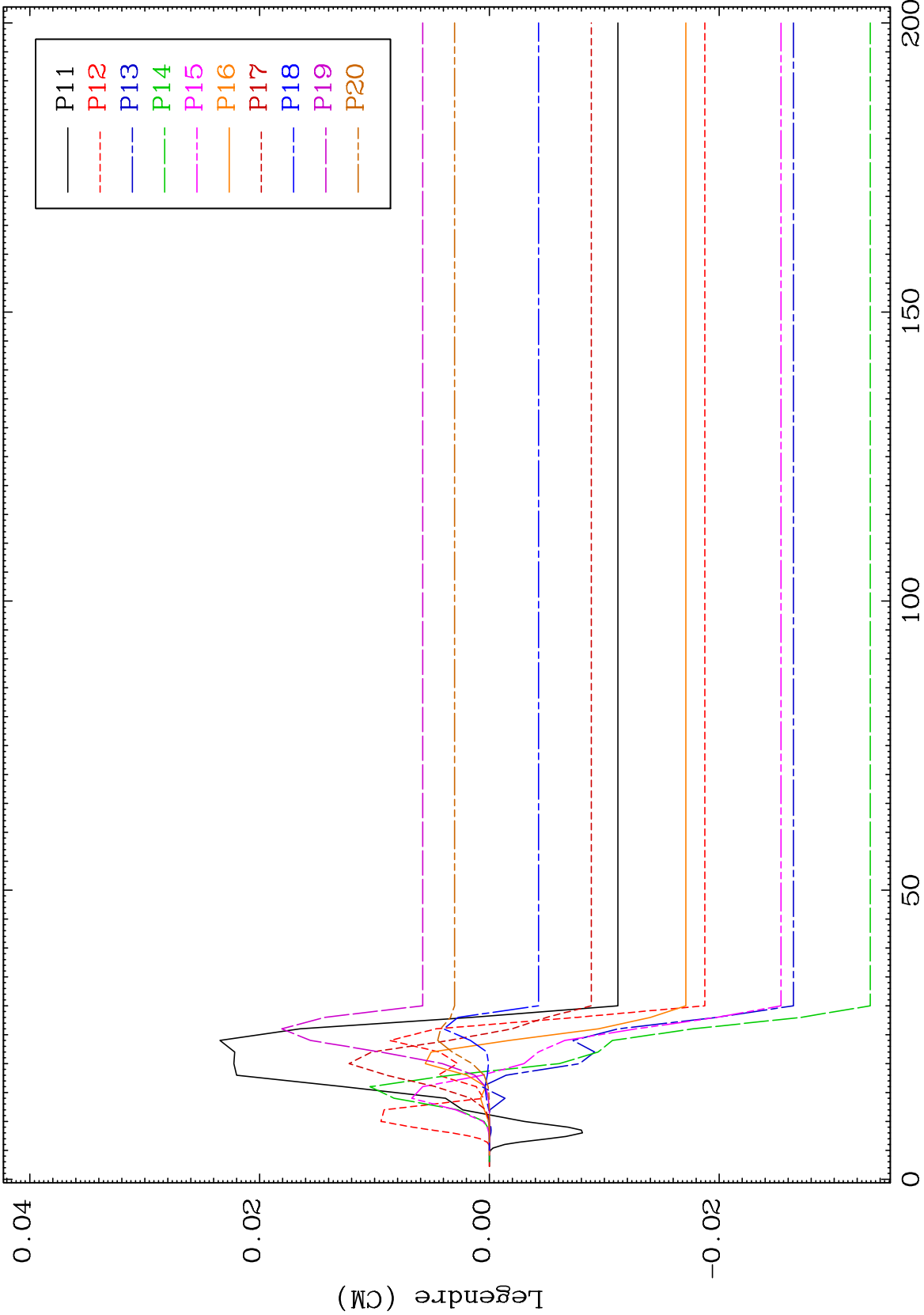
85-At-209



MAT 8543

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

85-At-209



69

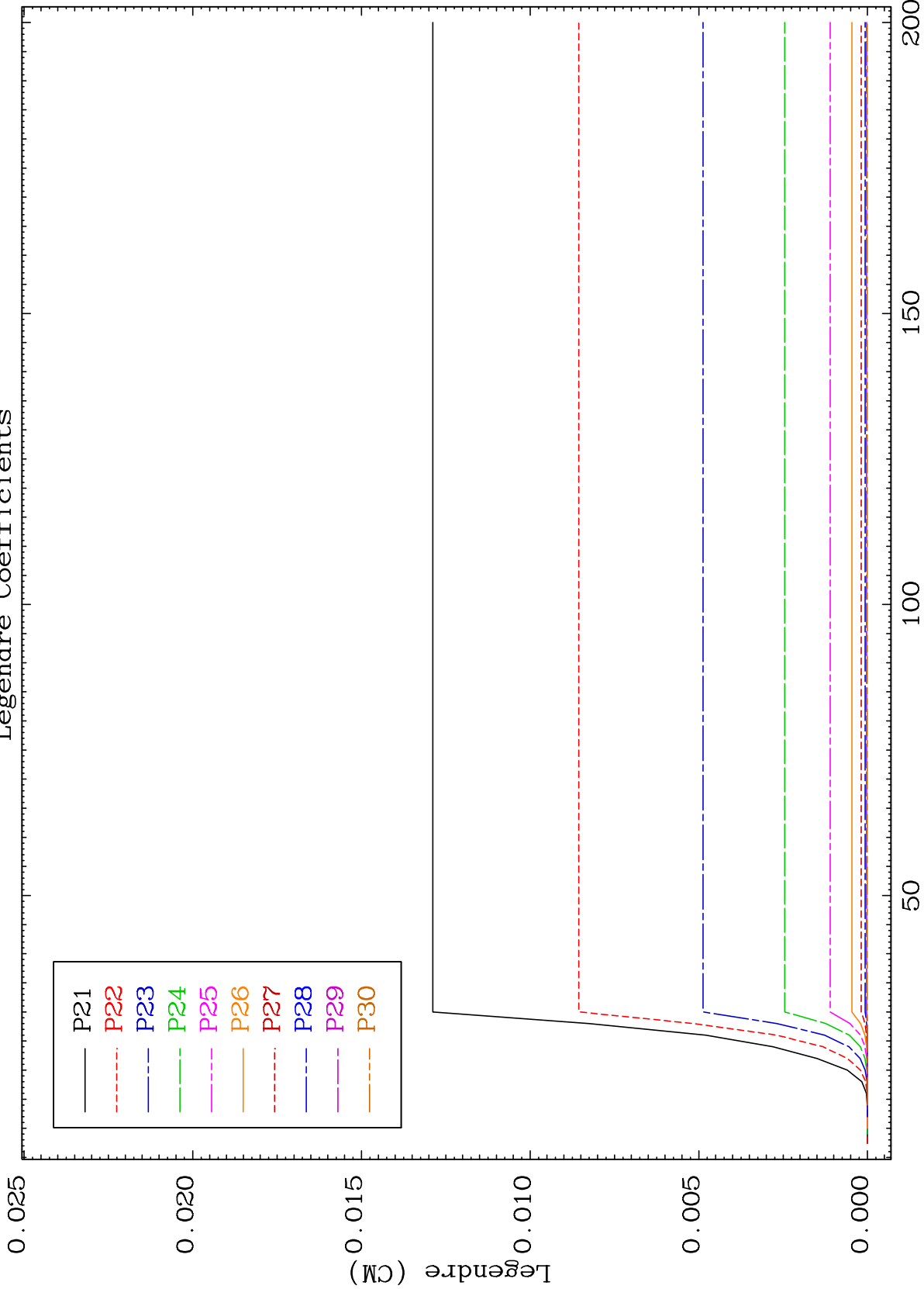
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



70

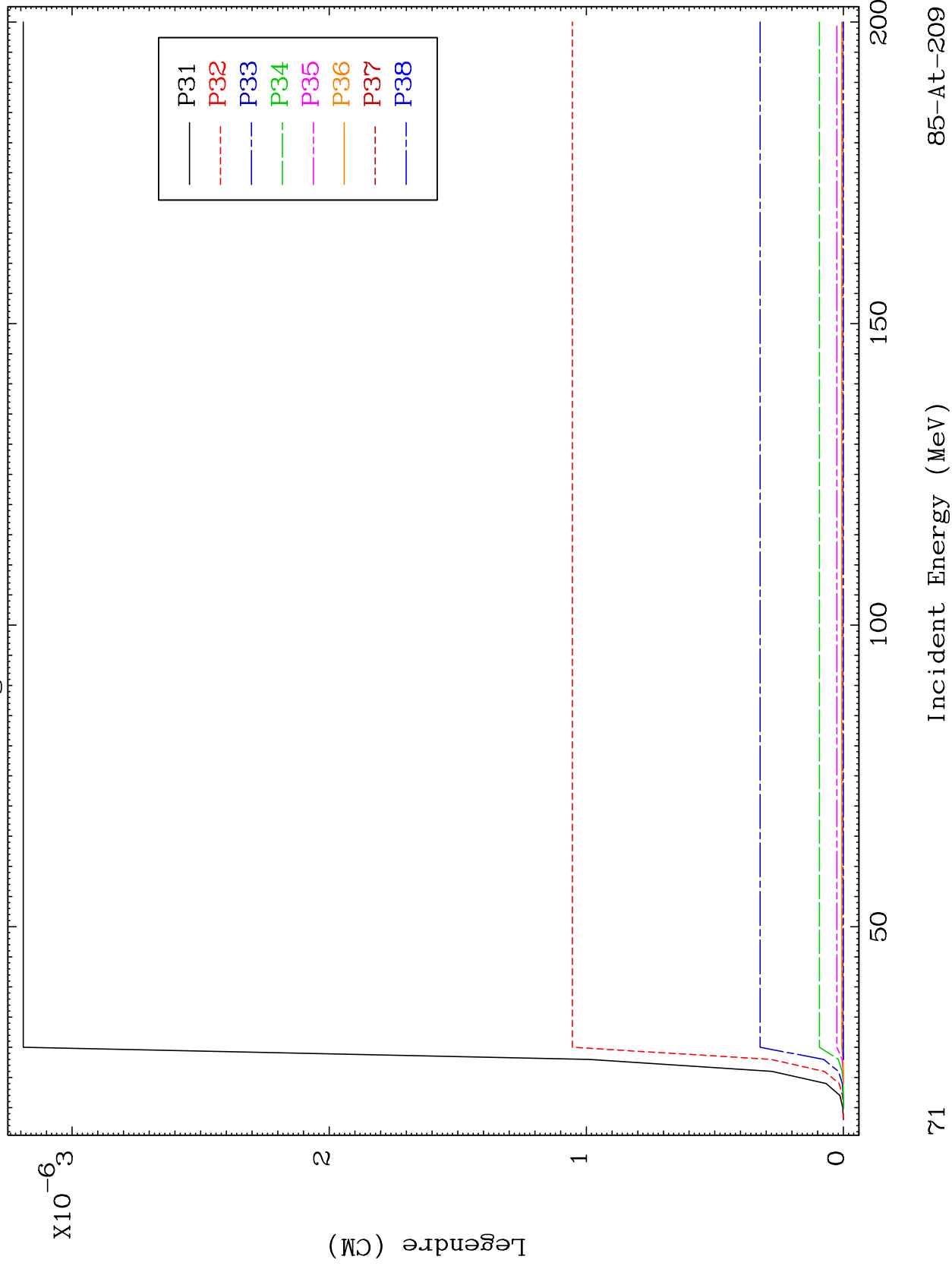
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



71

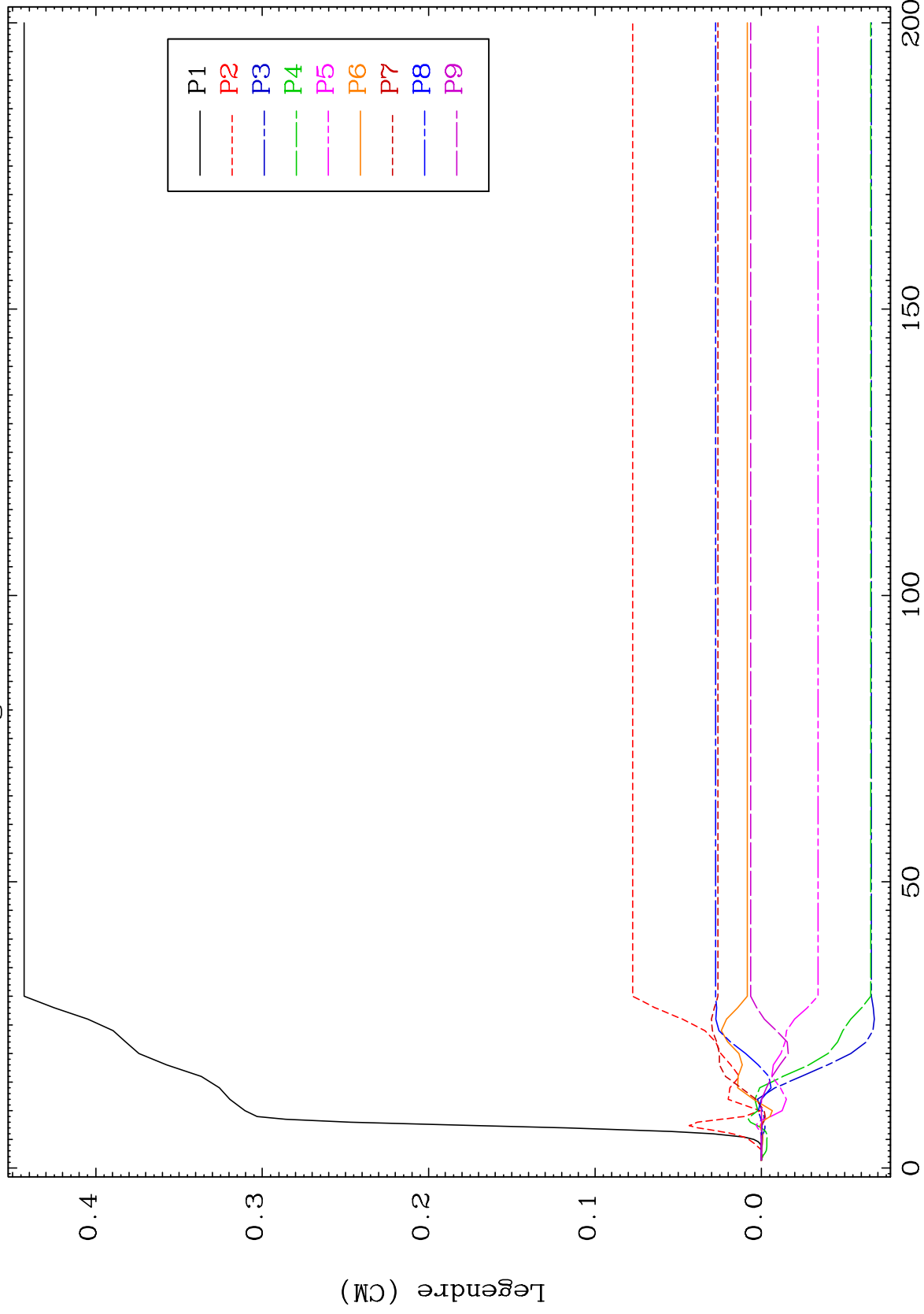
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



72

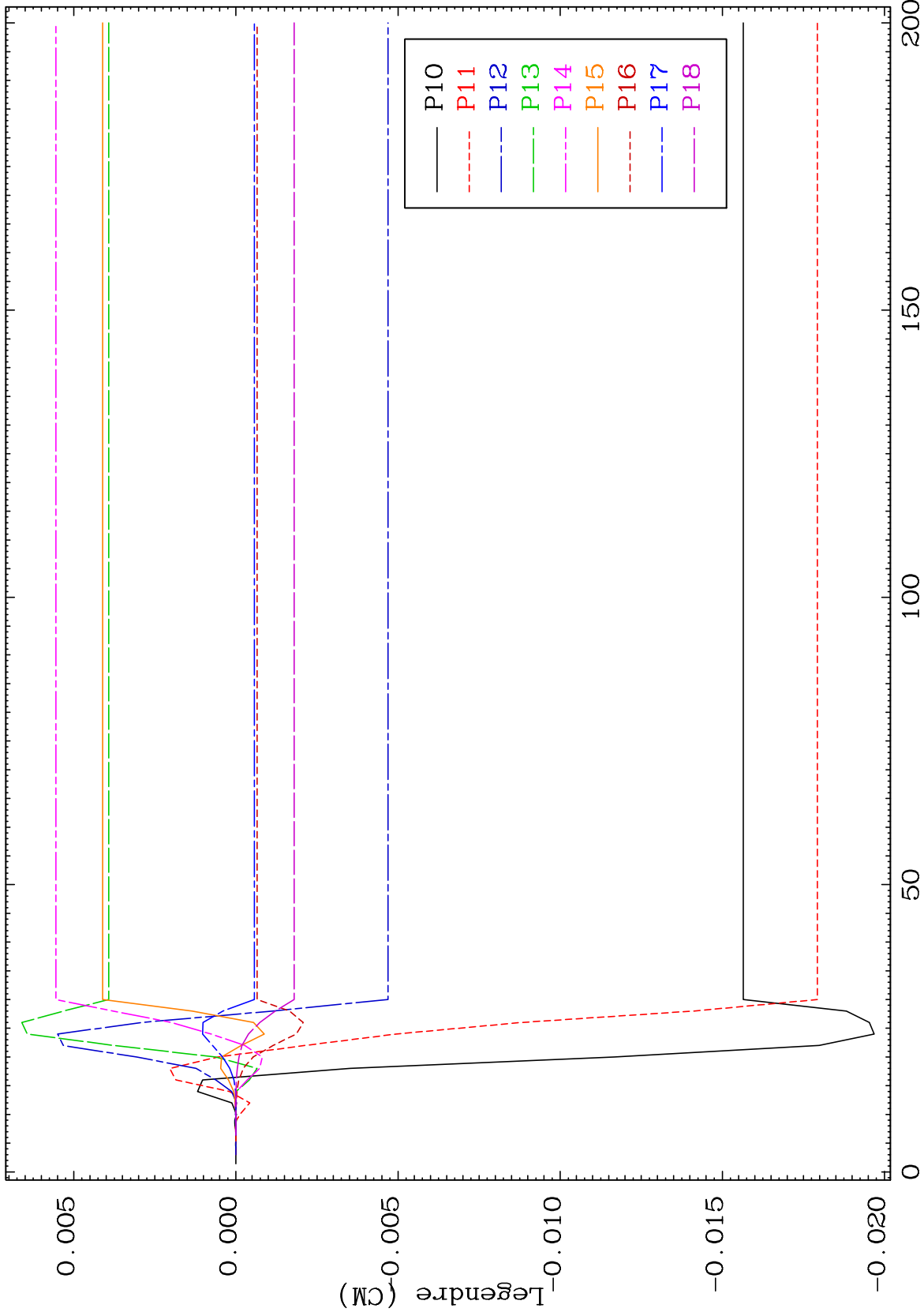
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



73

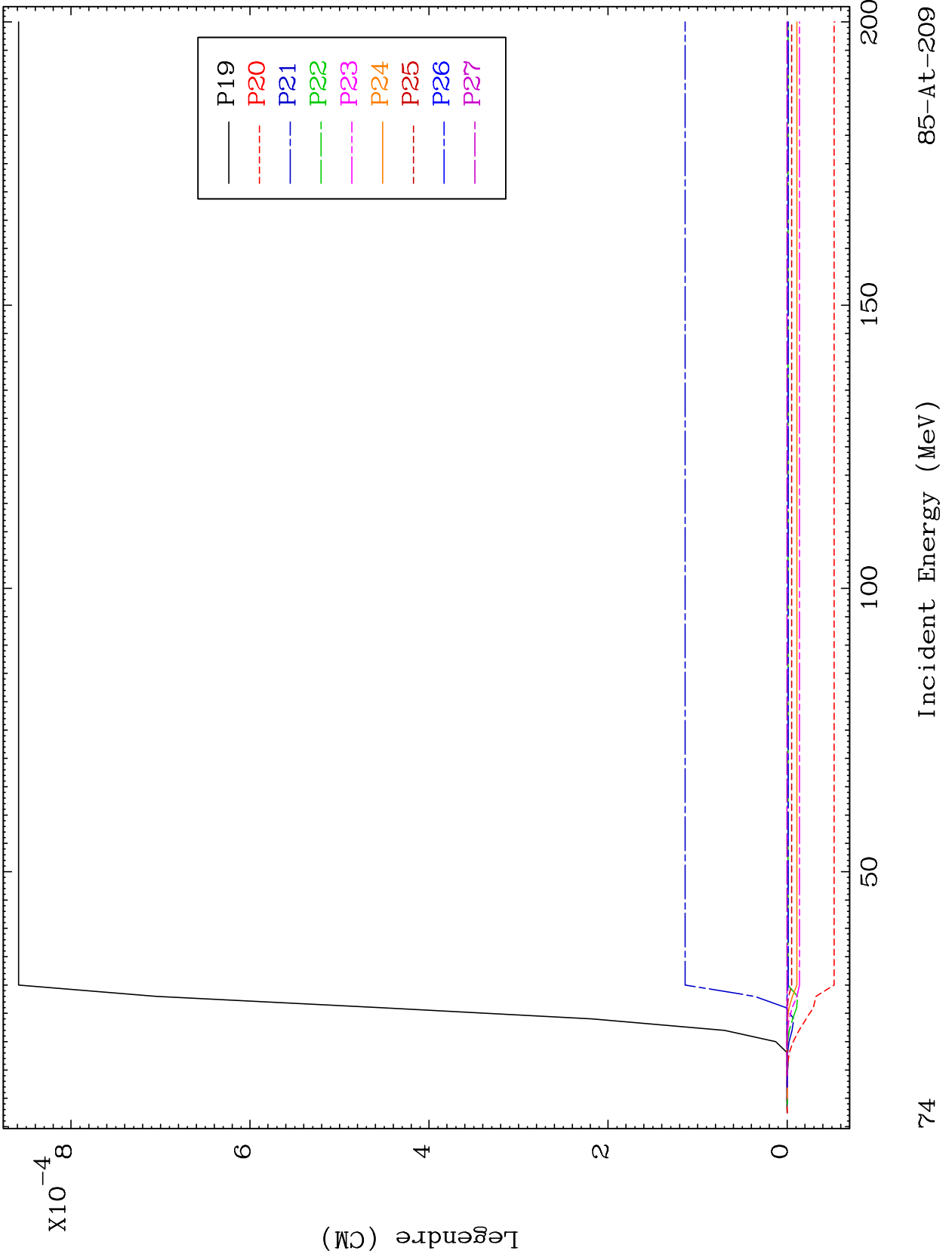
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



74

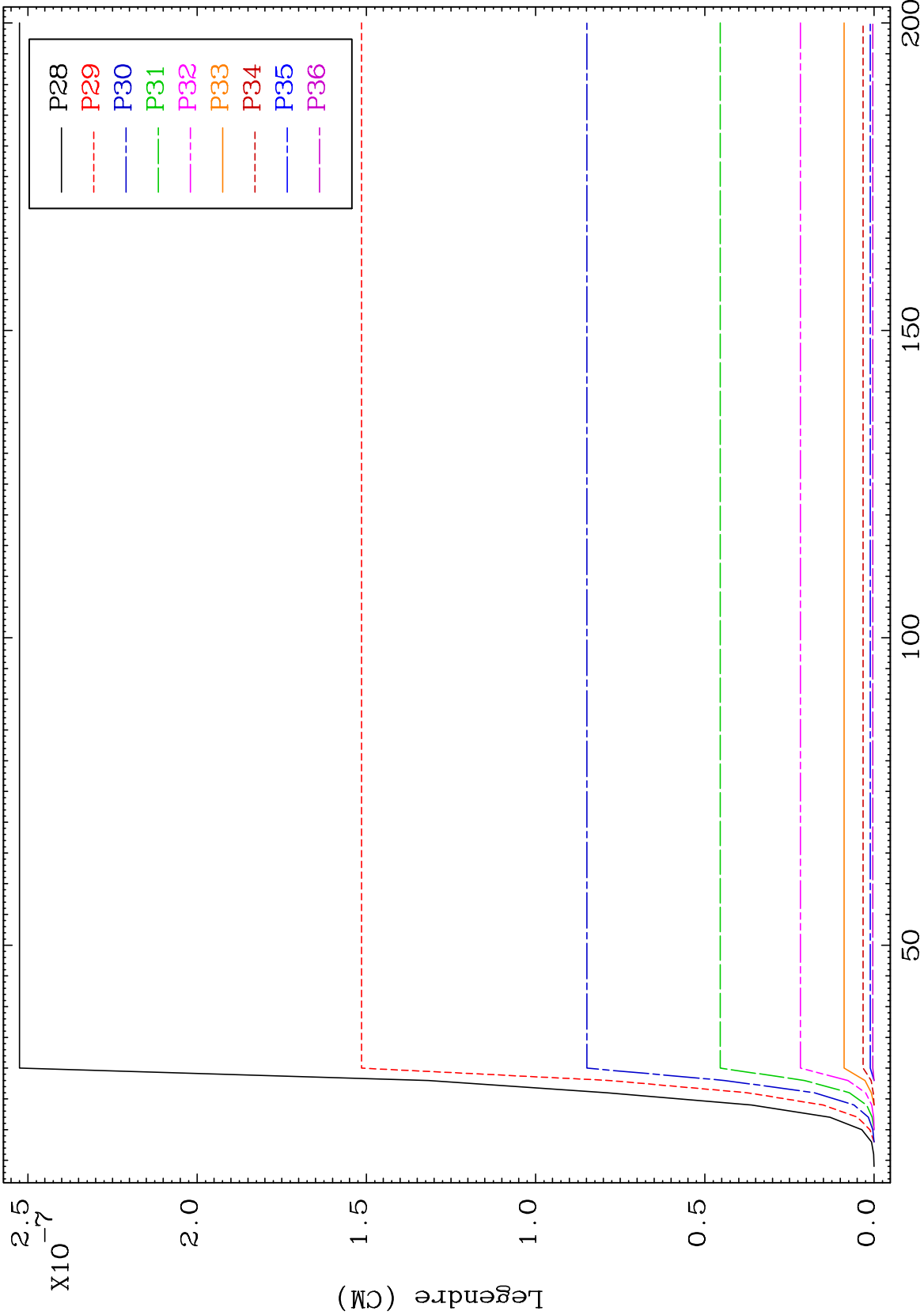
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



75

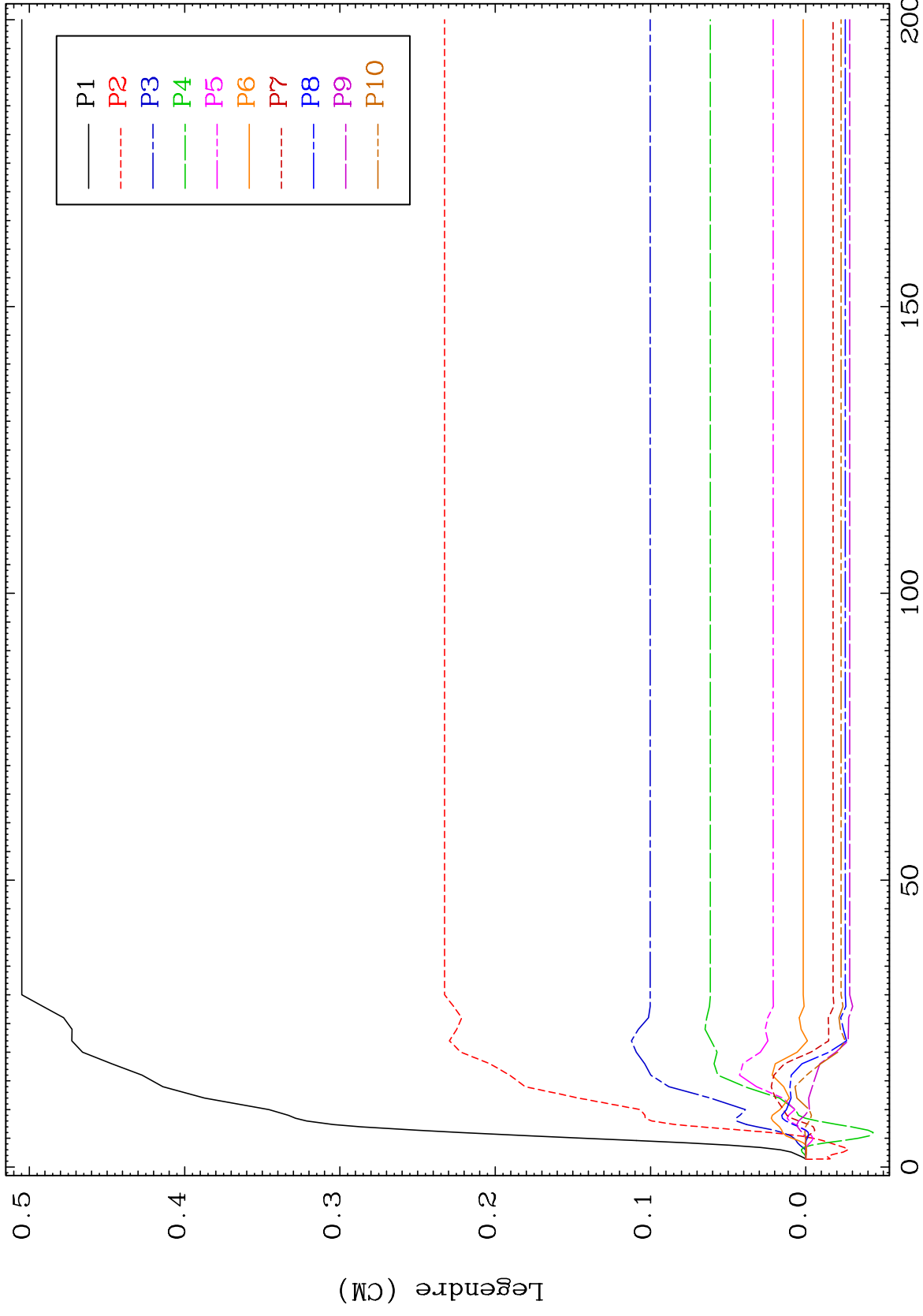
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



76

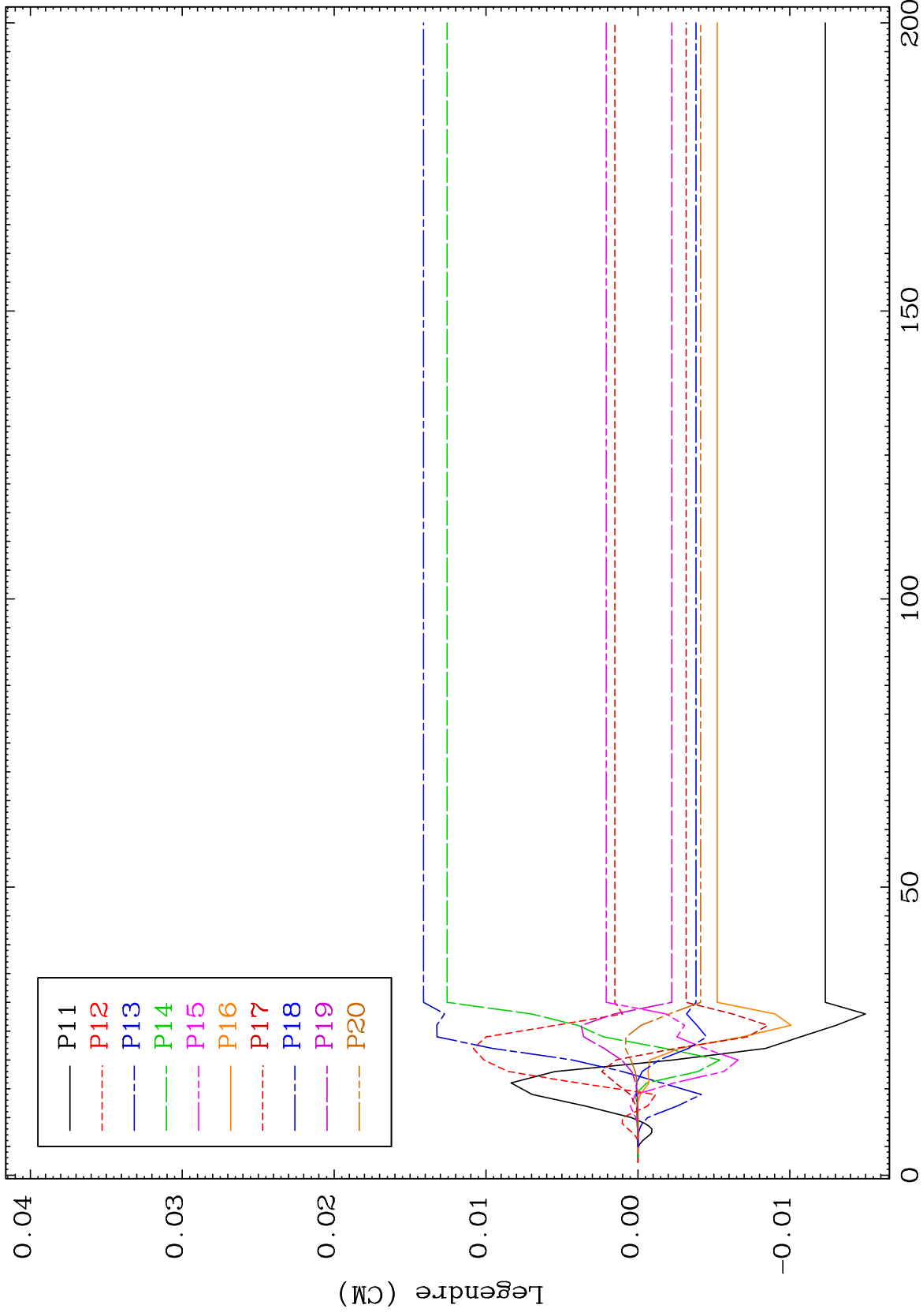
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



77

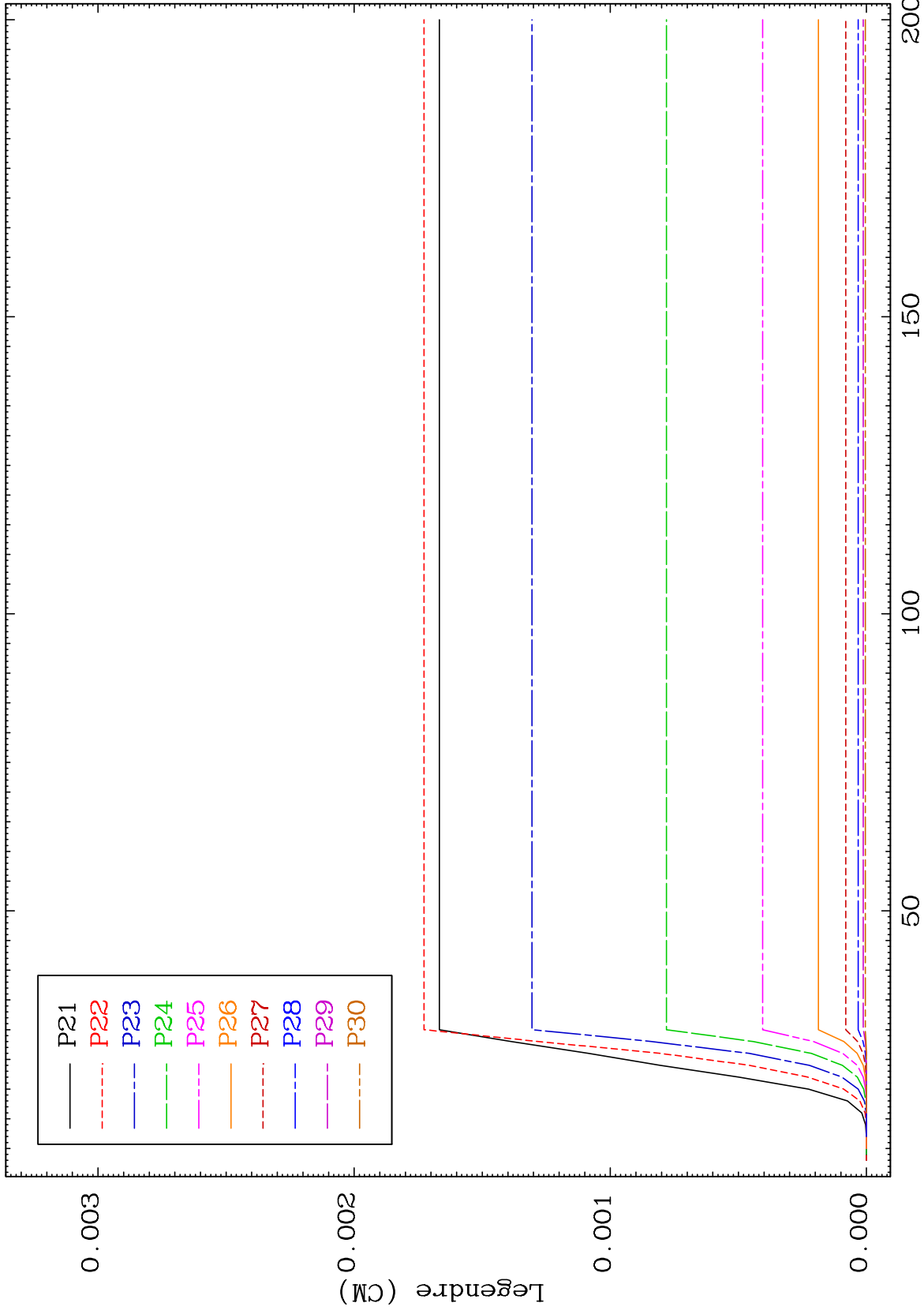
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



78

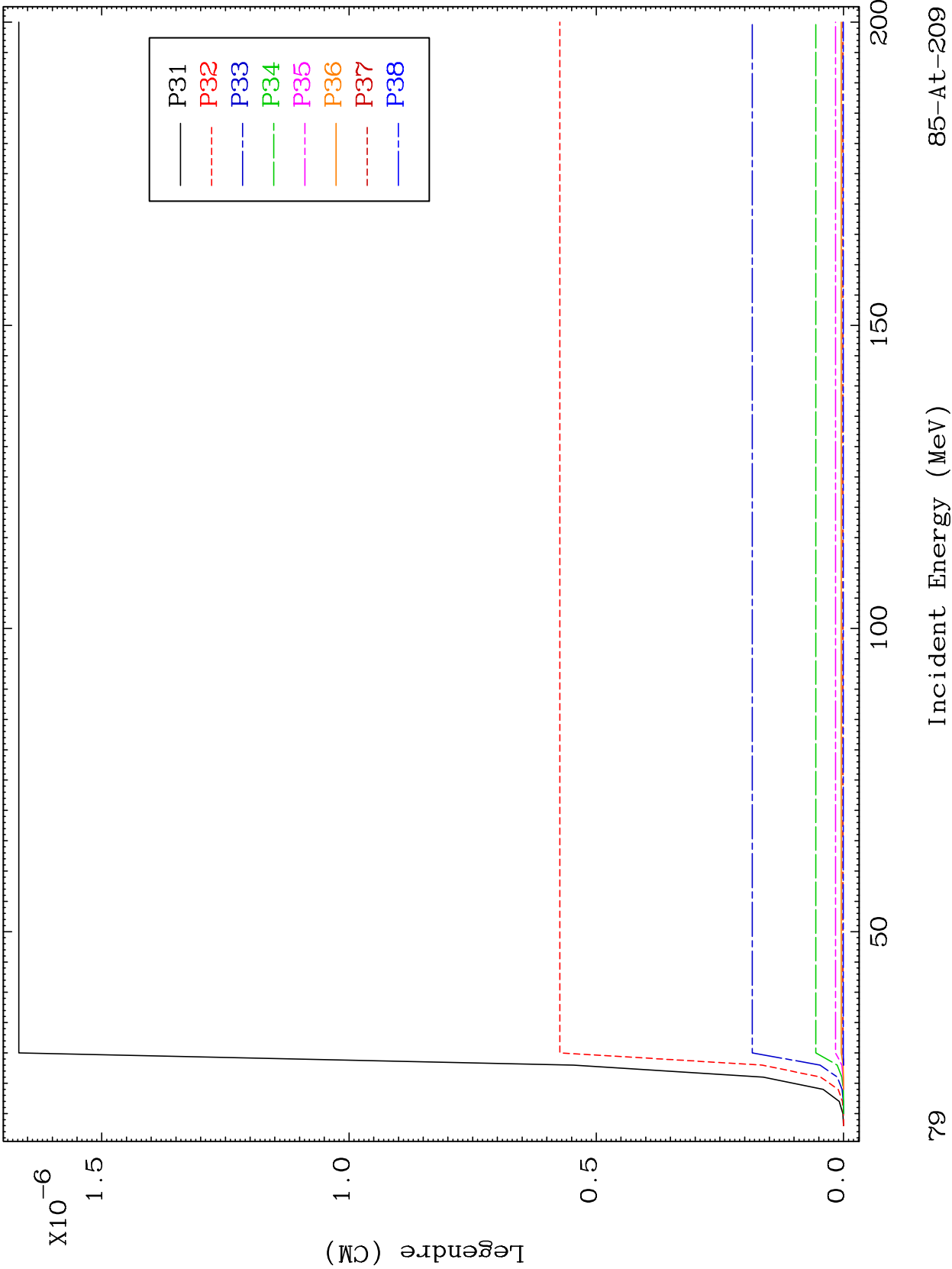
Incident Energy (MeV)

85-At-209

MAT 8543

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

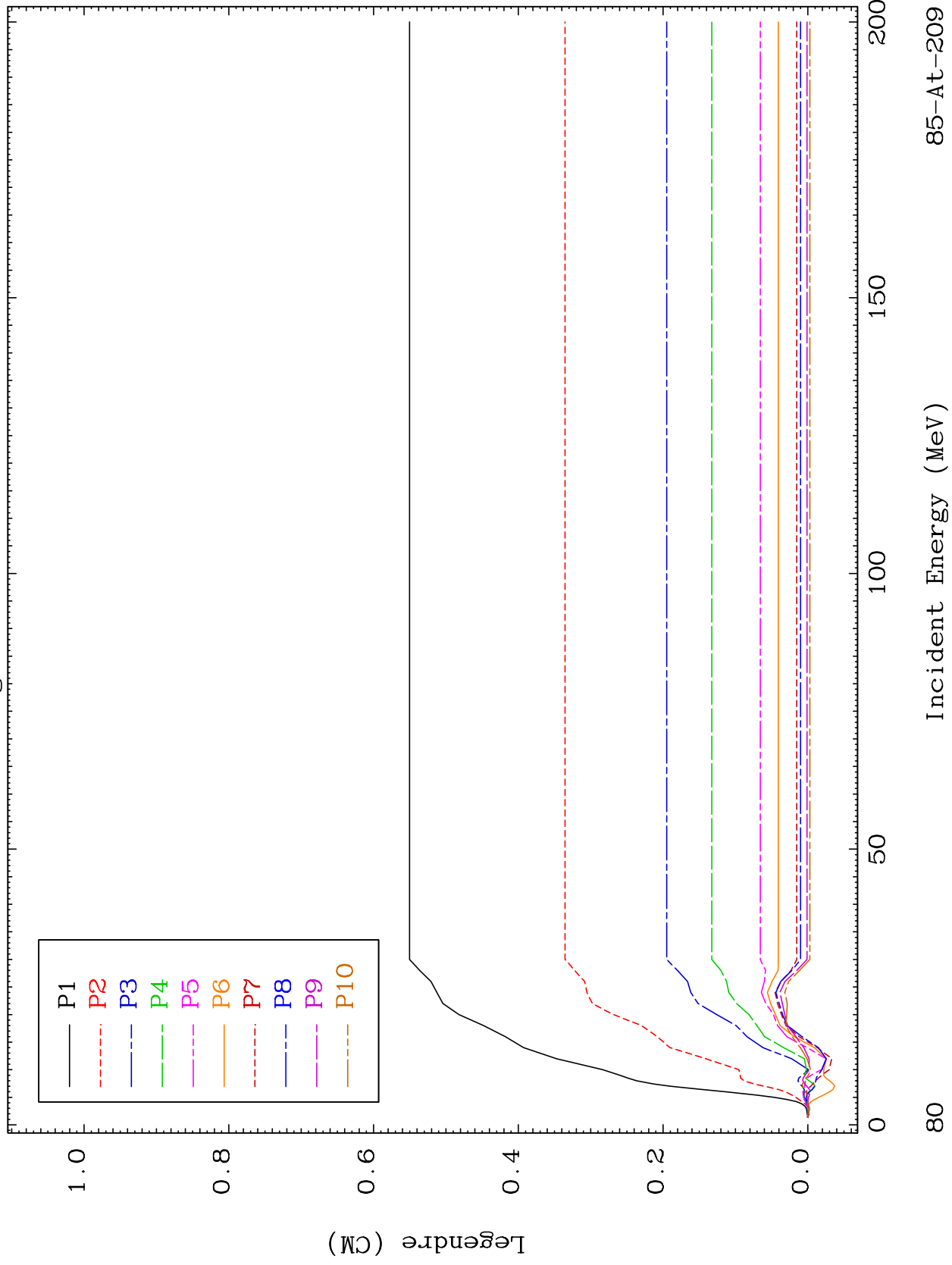
85-At-209



MAT 8543

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

85-At-209

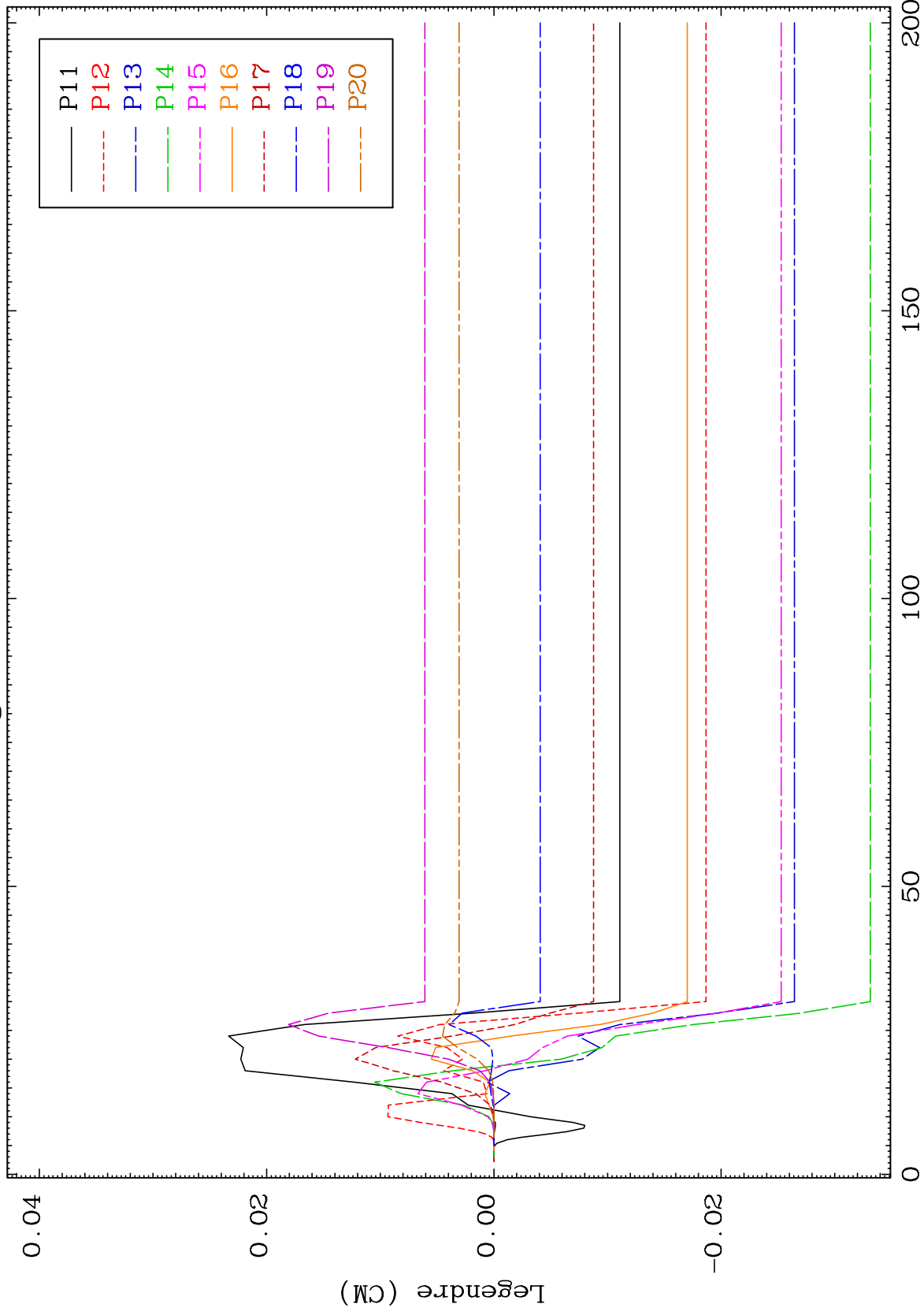


85-At-209

MAT 8543

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

85-At-209



81

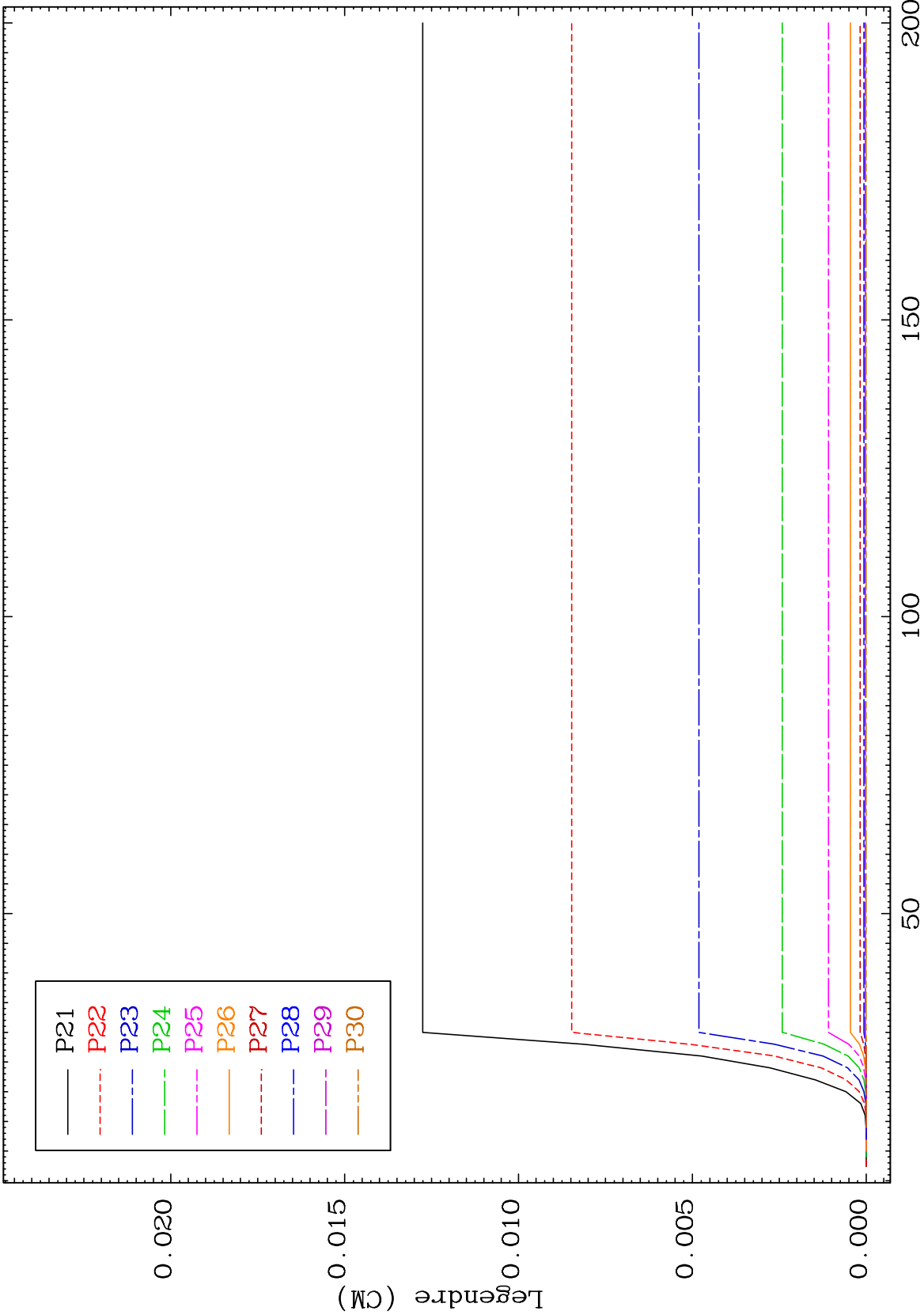
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



82

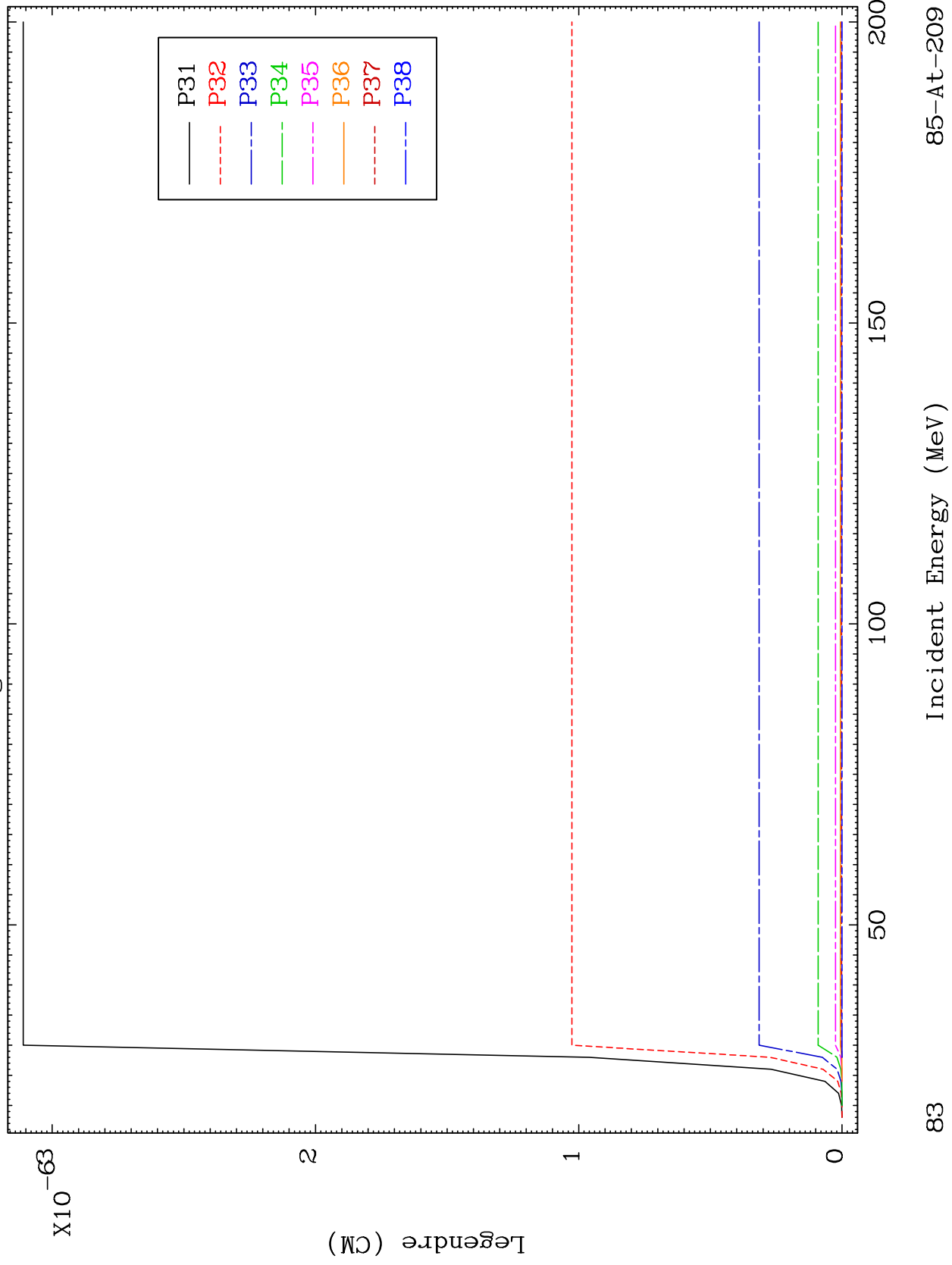
Incident Energy (MeV)

85-At-209

MAT 8543

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

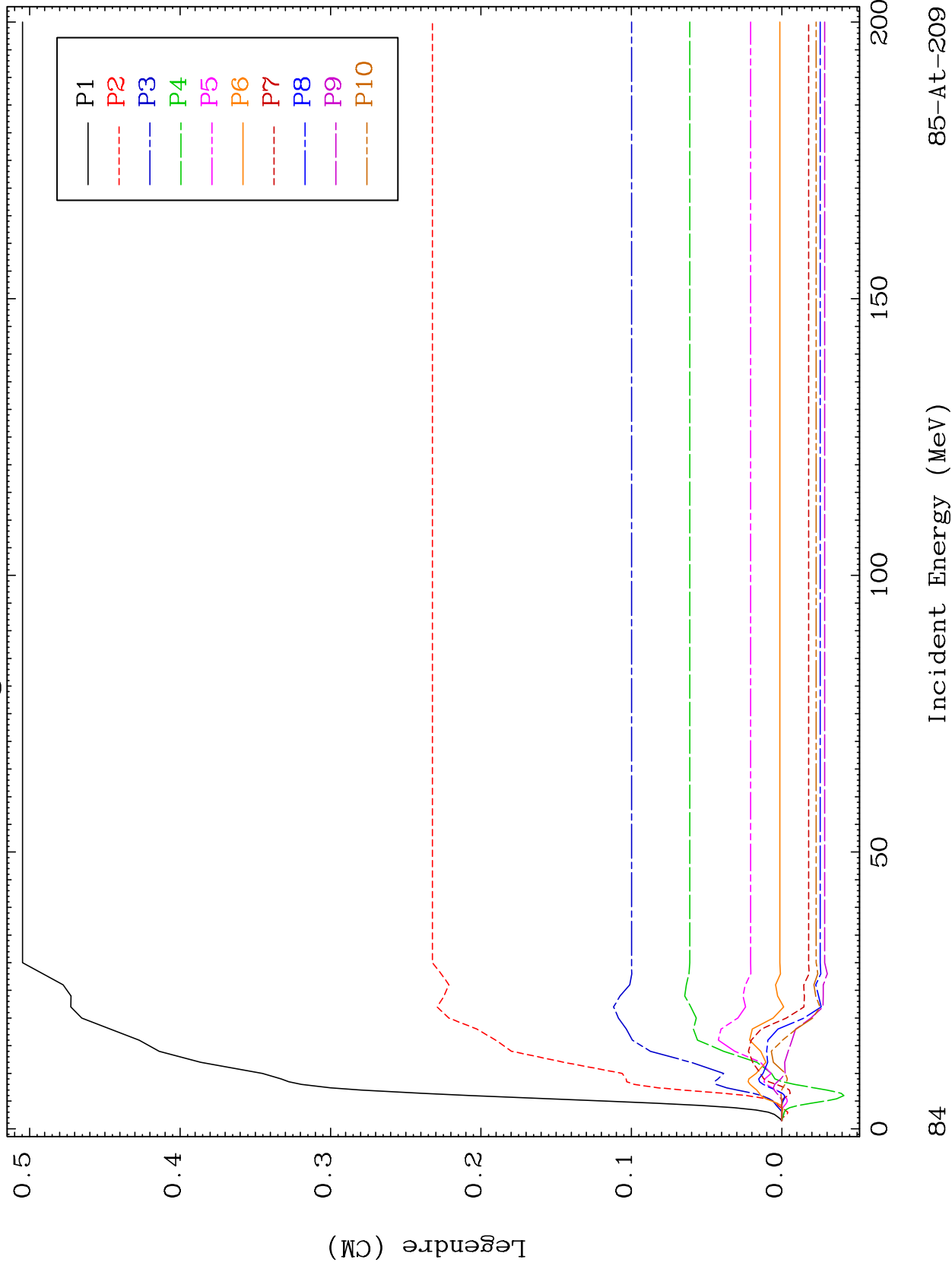
85-At-209



MAT 8543

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

85-At-209



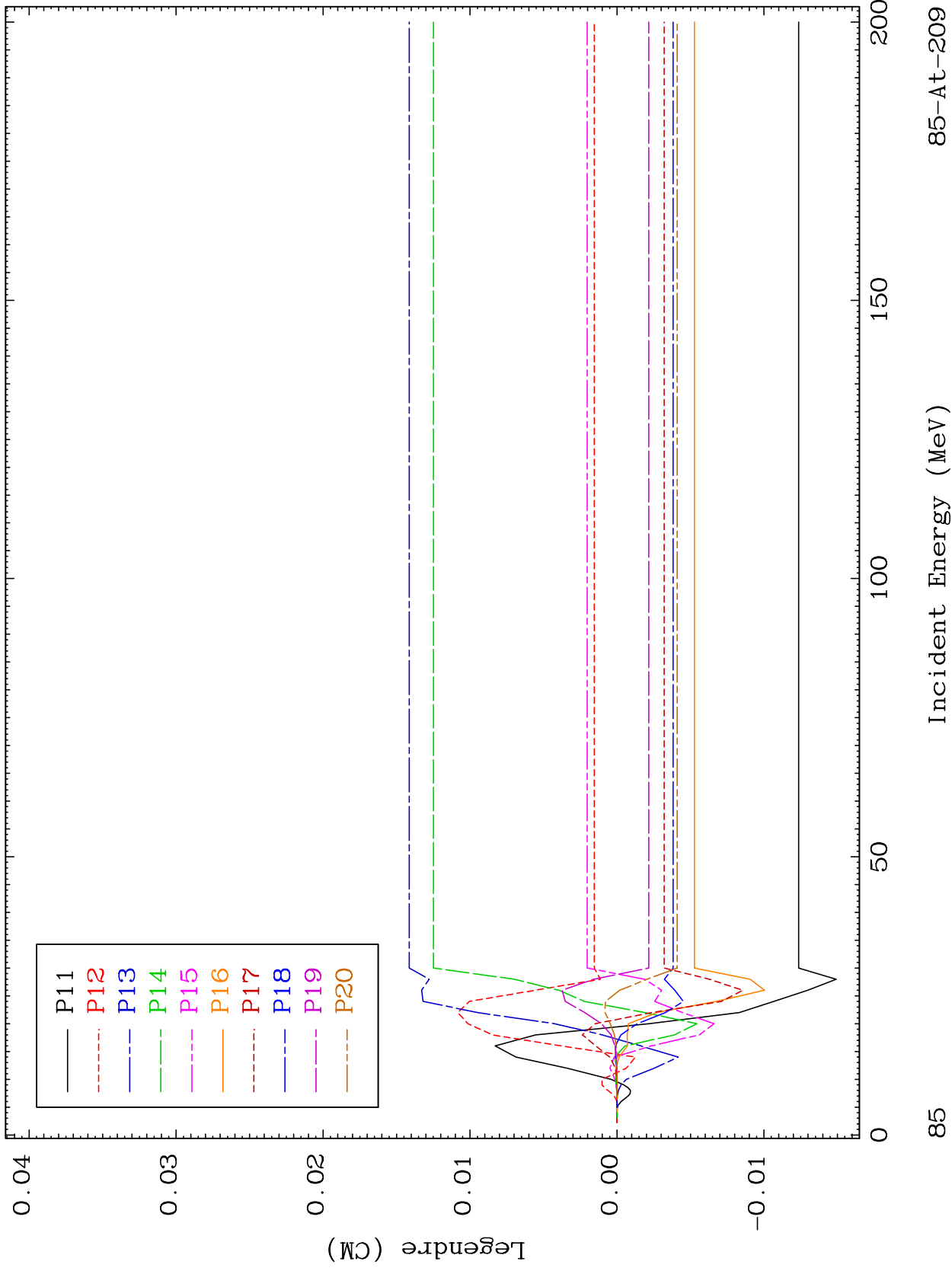
84

85-At-209

MAT 8543

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

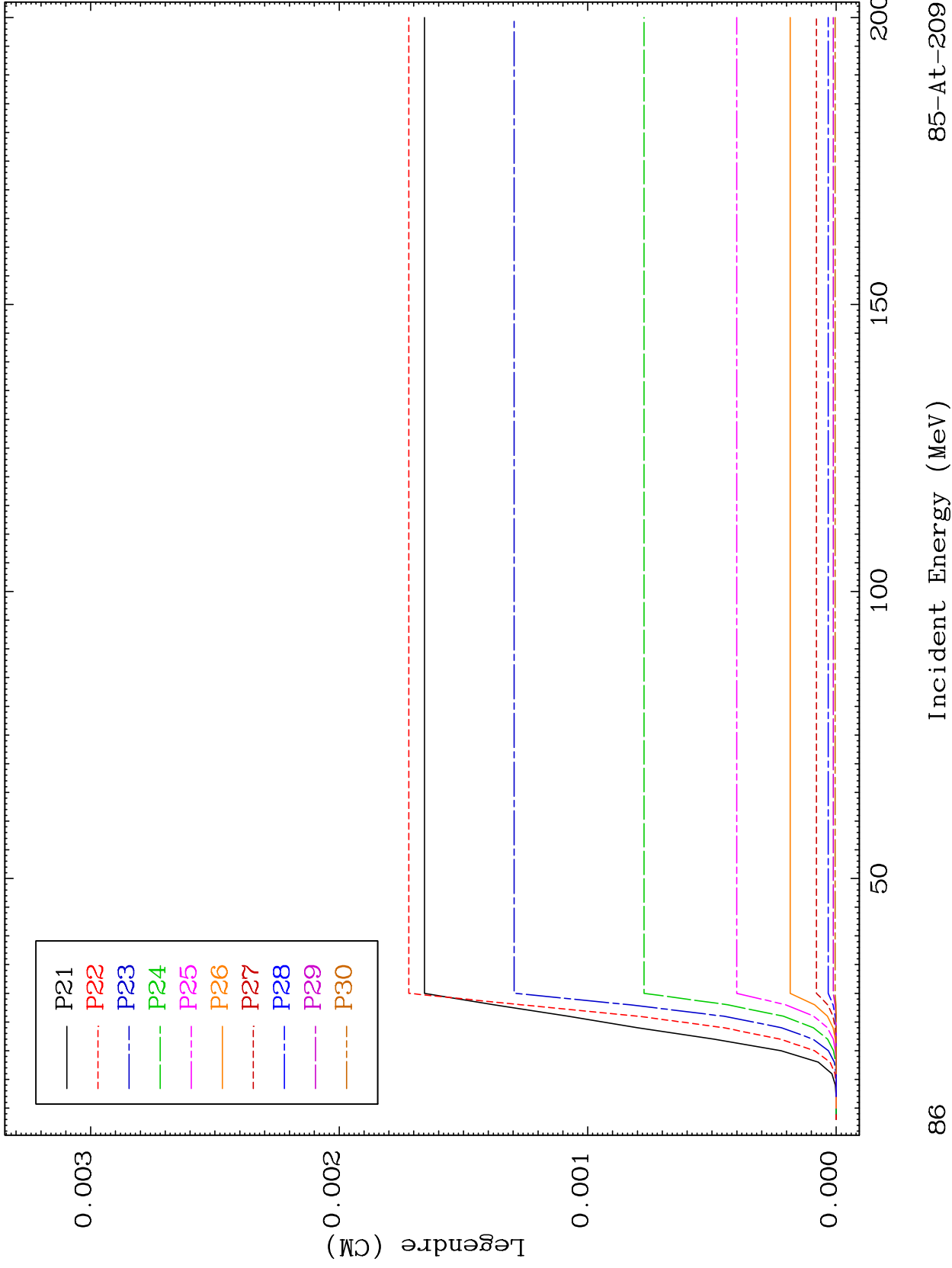
85-At-209



85-At-209

Incident Energy (MeV)

85



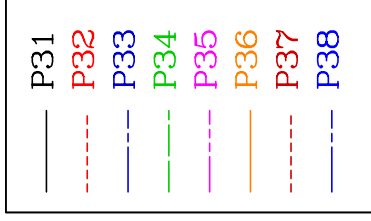
MAT 8543

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

85-At-209

$\times 10^{-6}$
1.5

Legendre (CM)



200

150

100

50

87

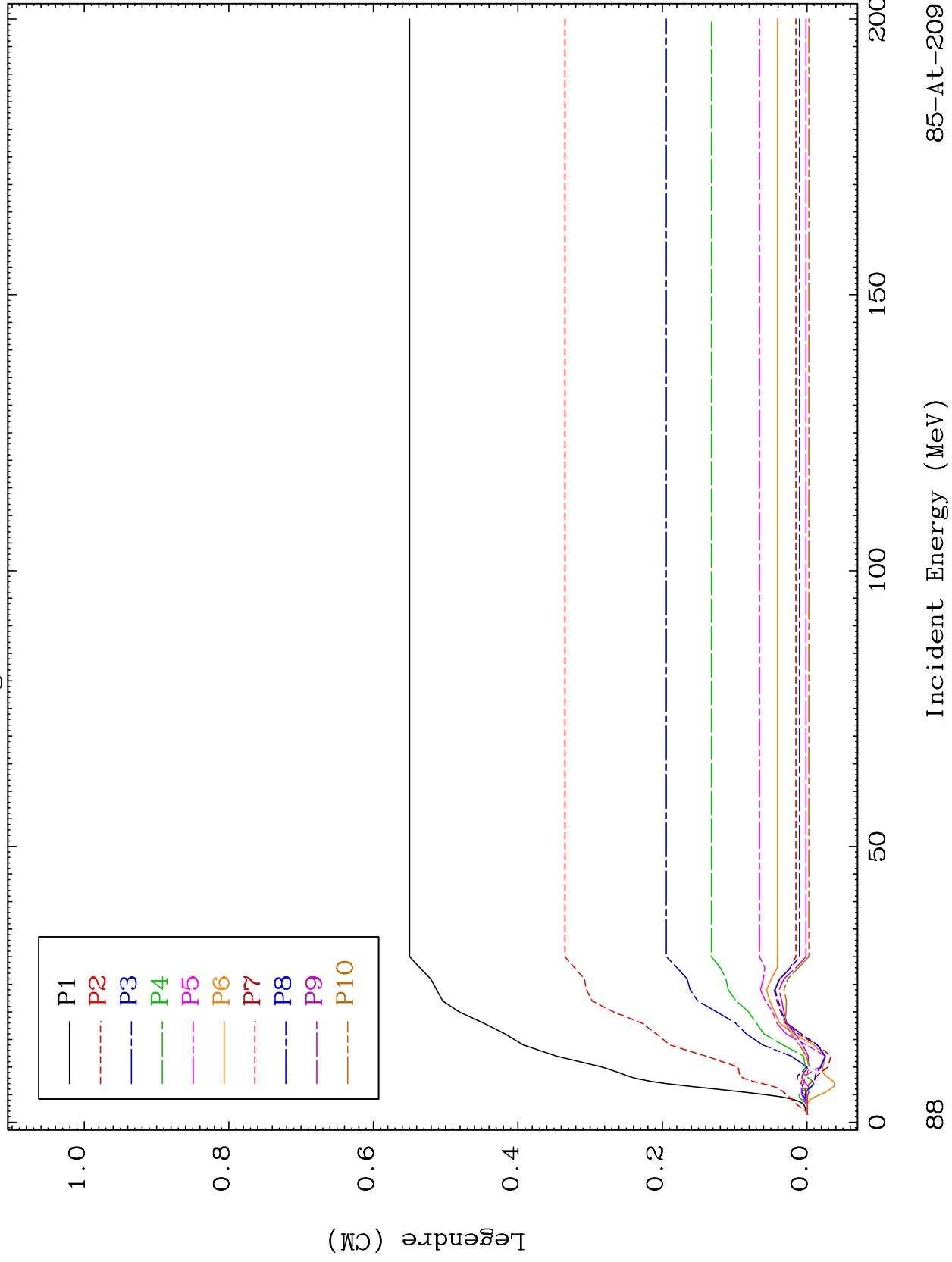
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209

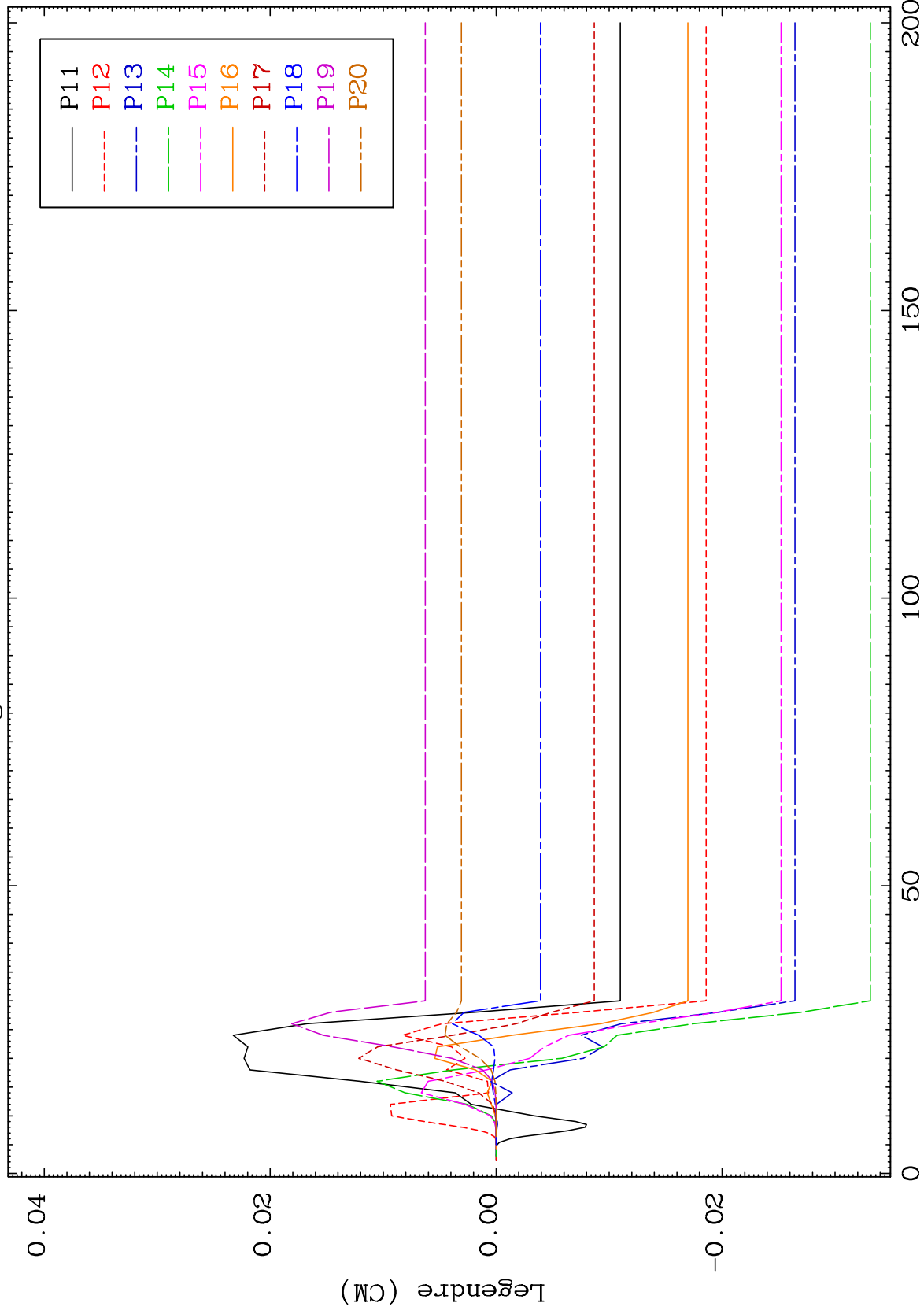


88

MAT 8543

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

85-At-209



89

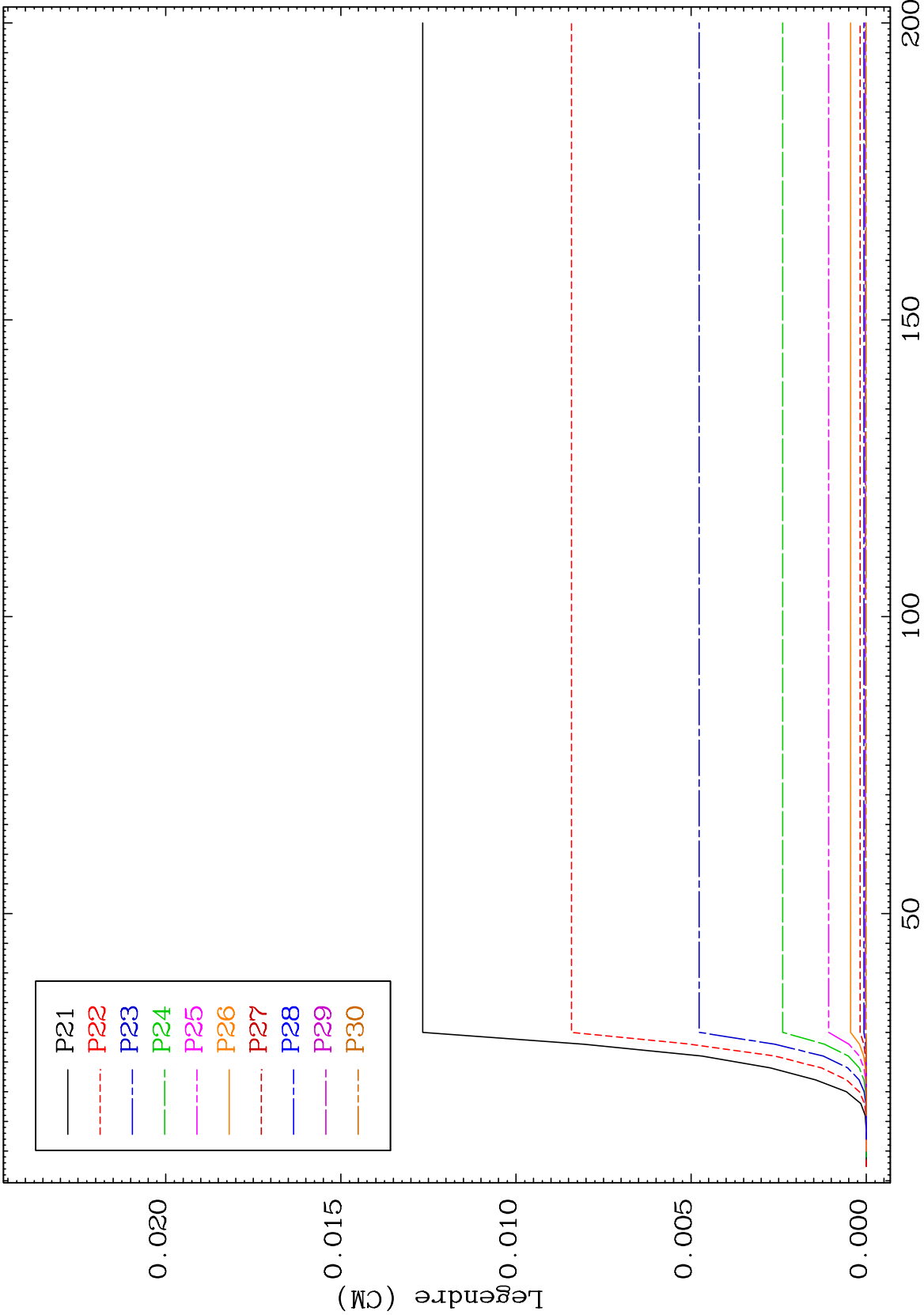
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



90

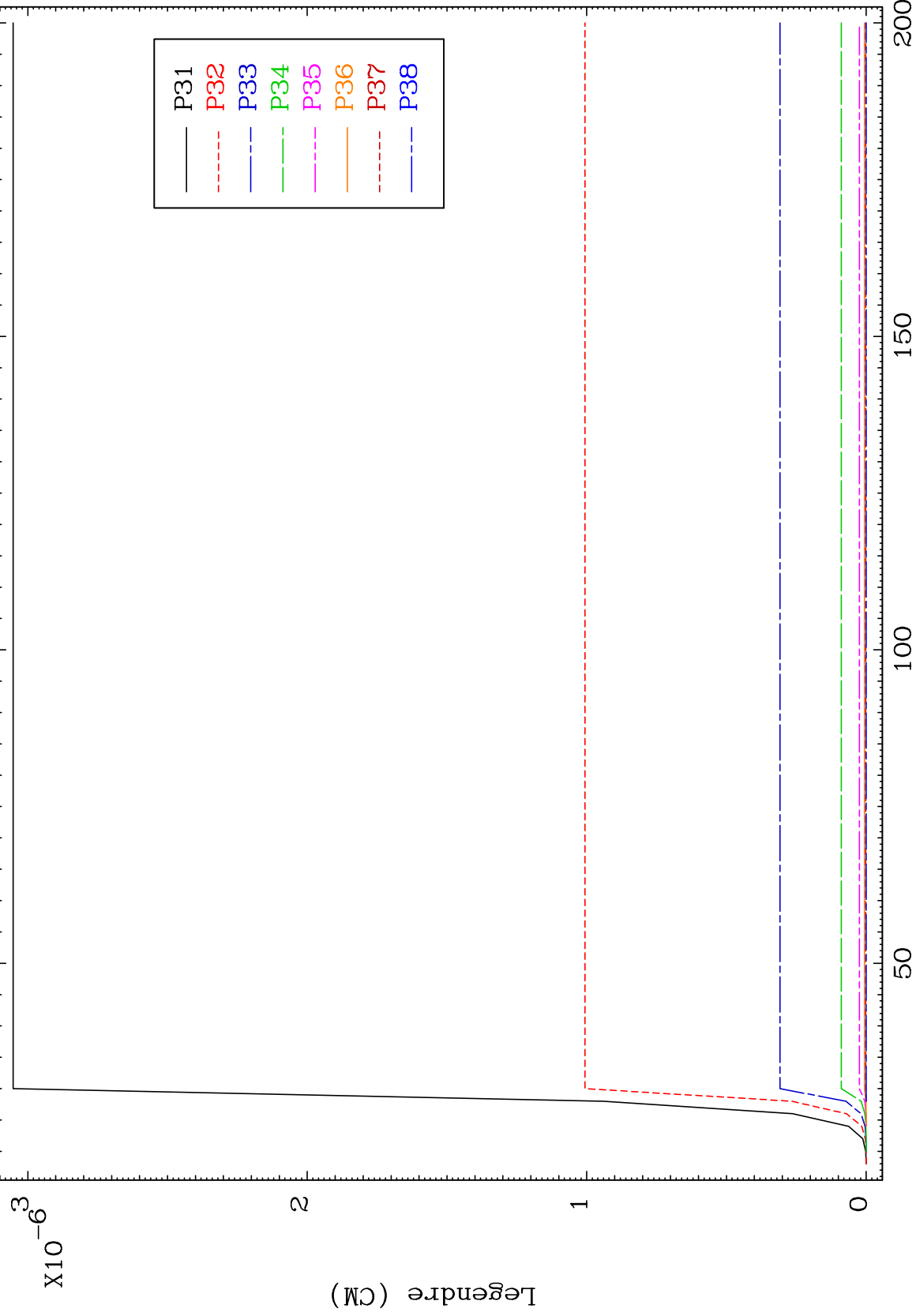
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



91

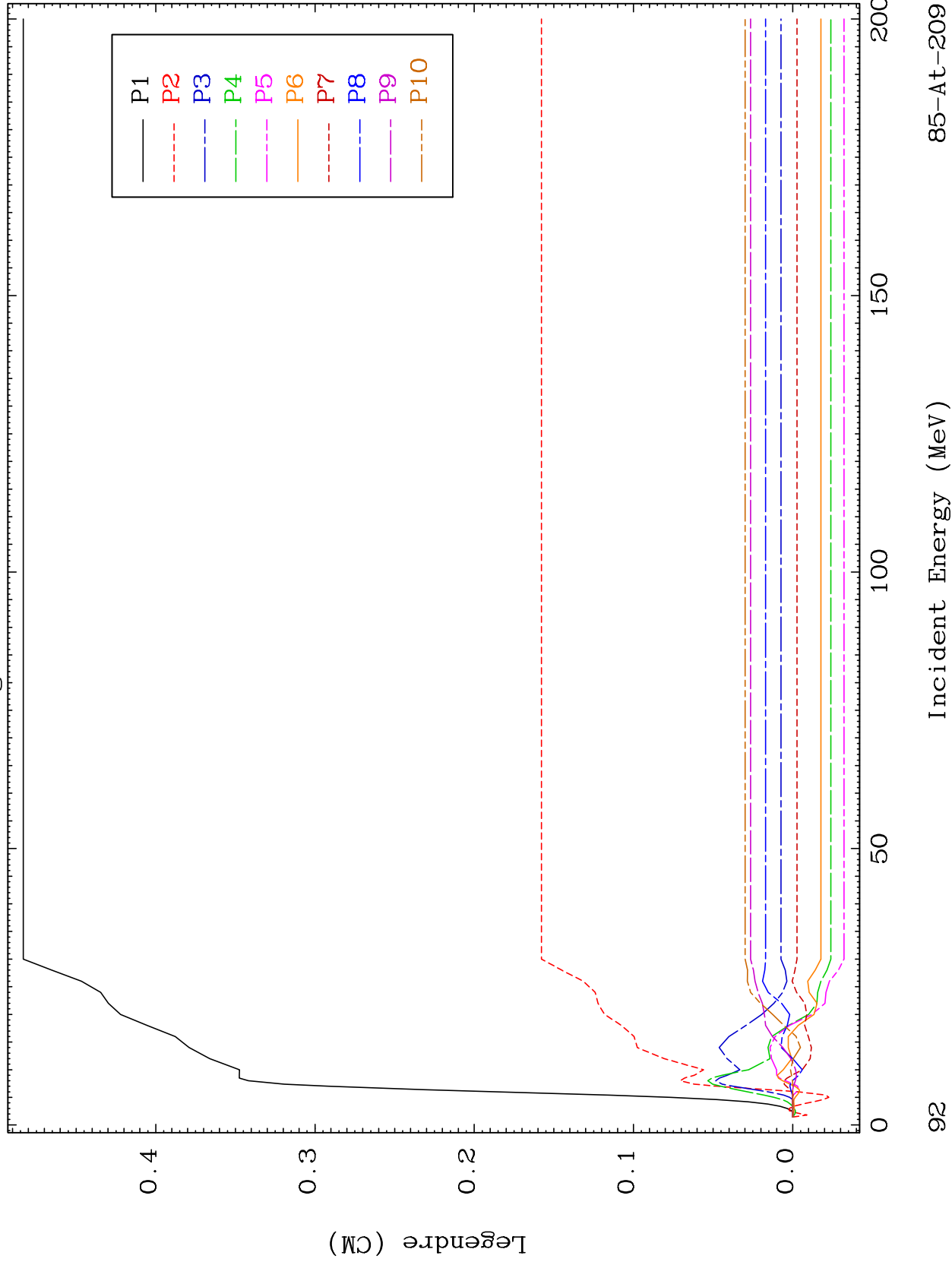
Incident Energy (MeV)

85-At-209

MAT 8543

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

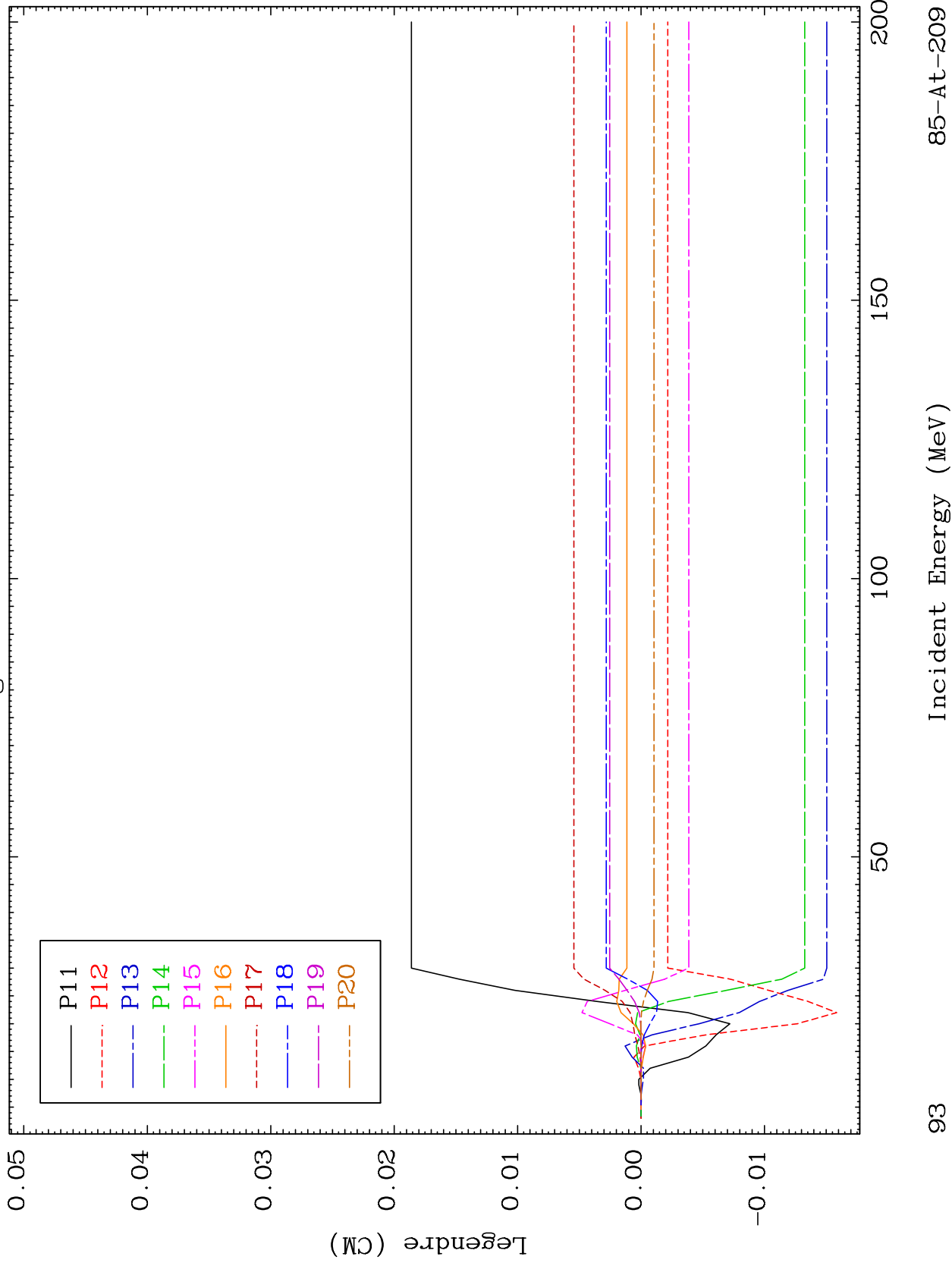
85-At-209



92

Incident Energy (MeV)

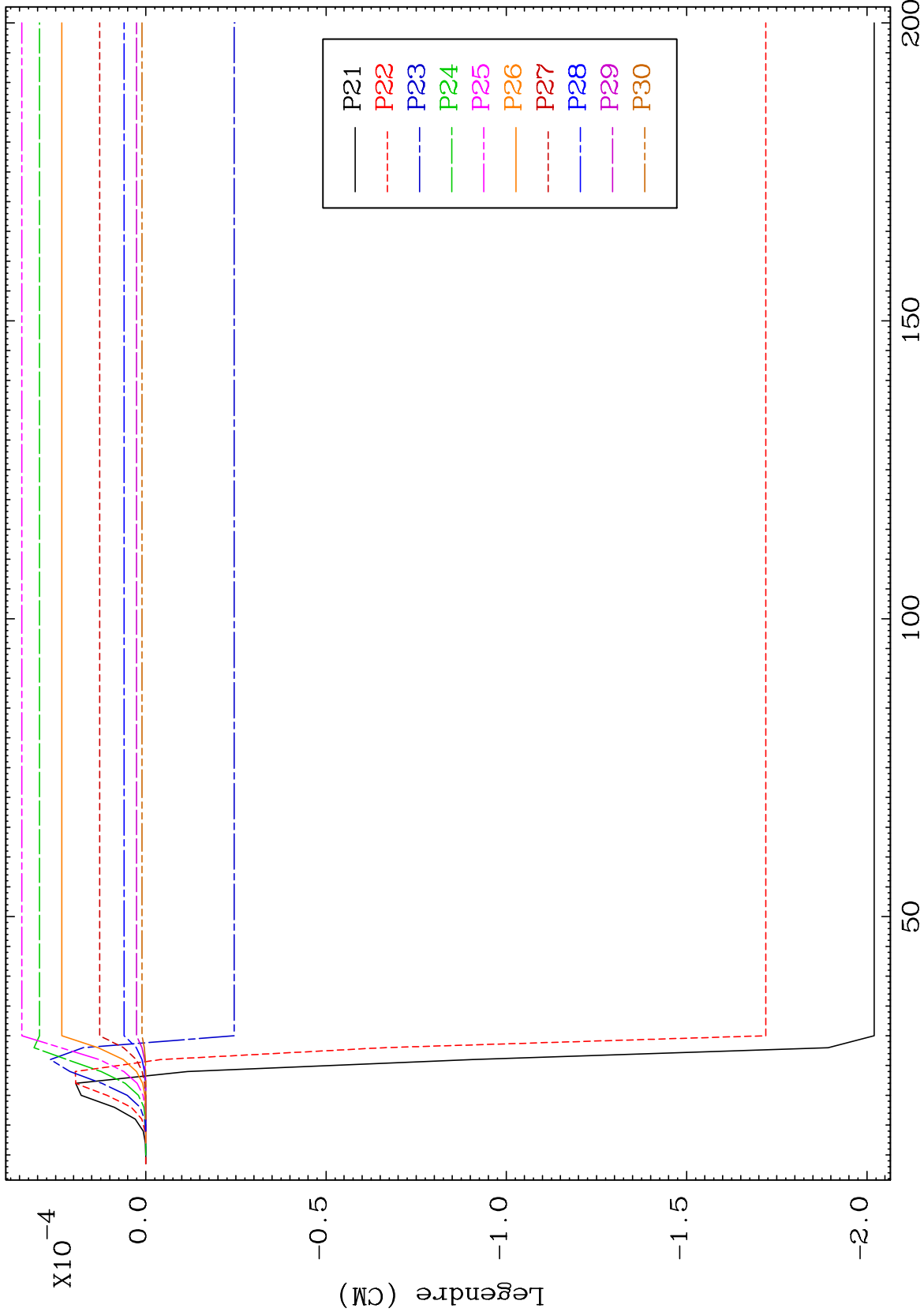
85-At-209



MAT 8543

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

85-At-209



94

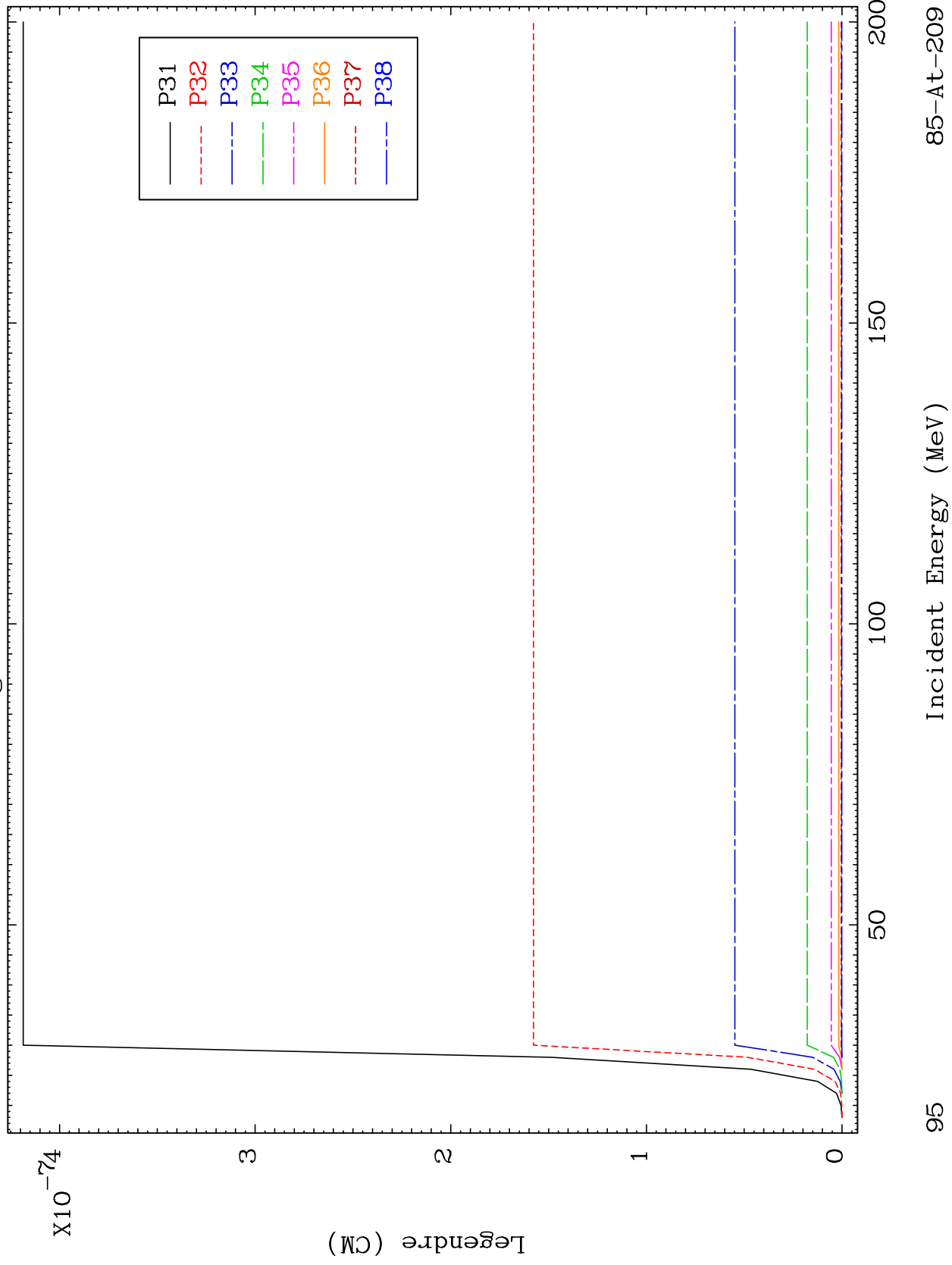
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



95

Incident Energy (MeV)

50

100

150

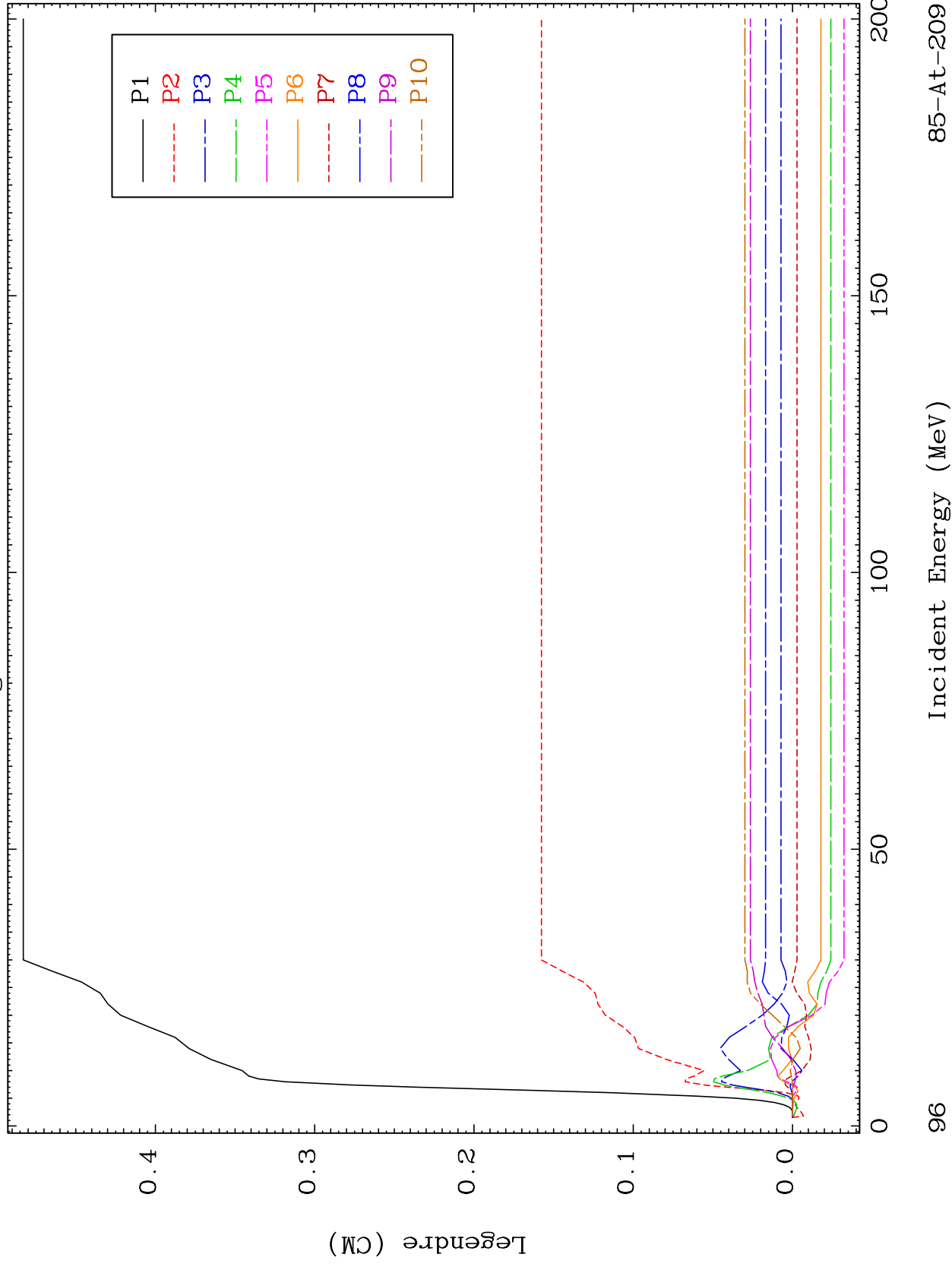
200

85-At-209

MAT 8543

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

85-At-209



96

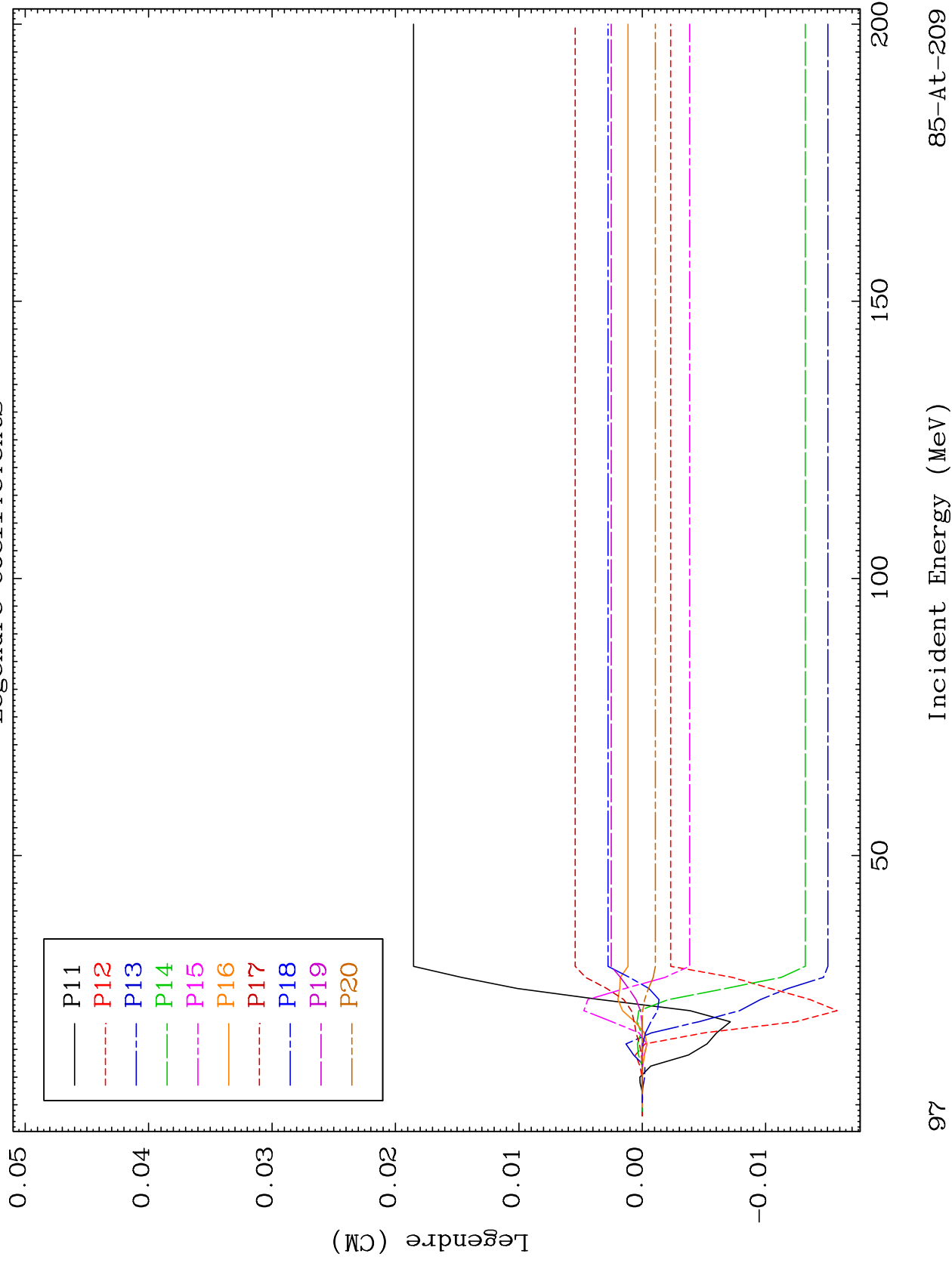
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



97

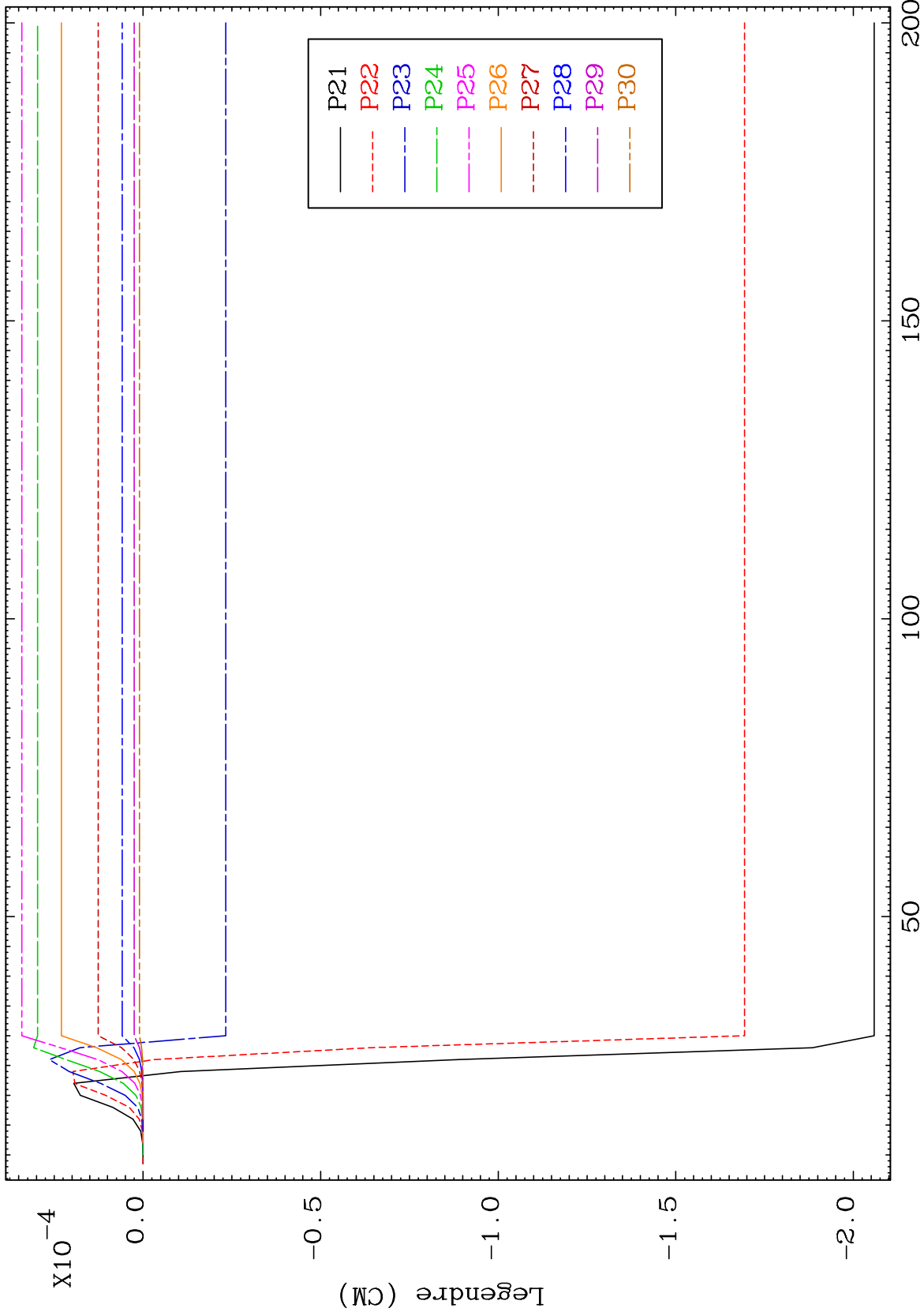
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



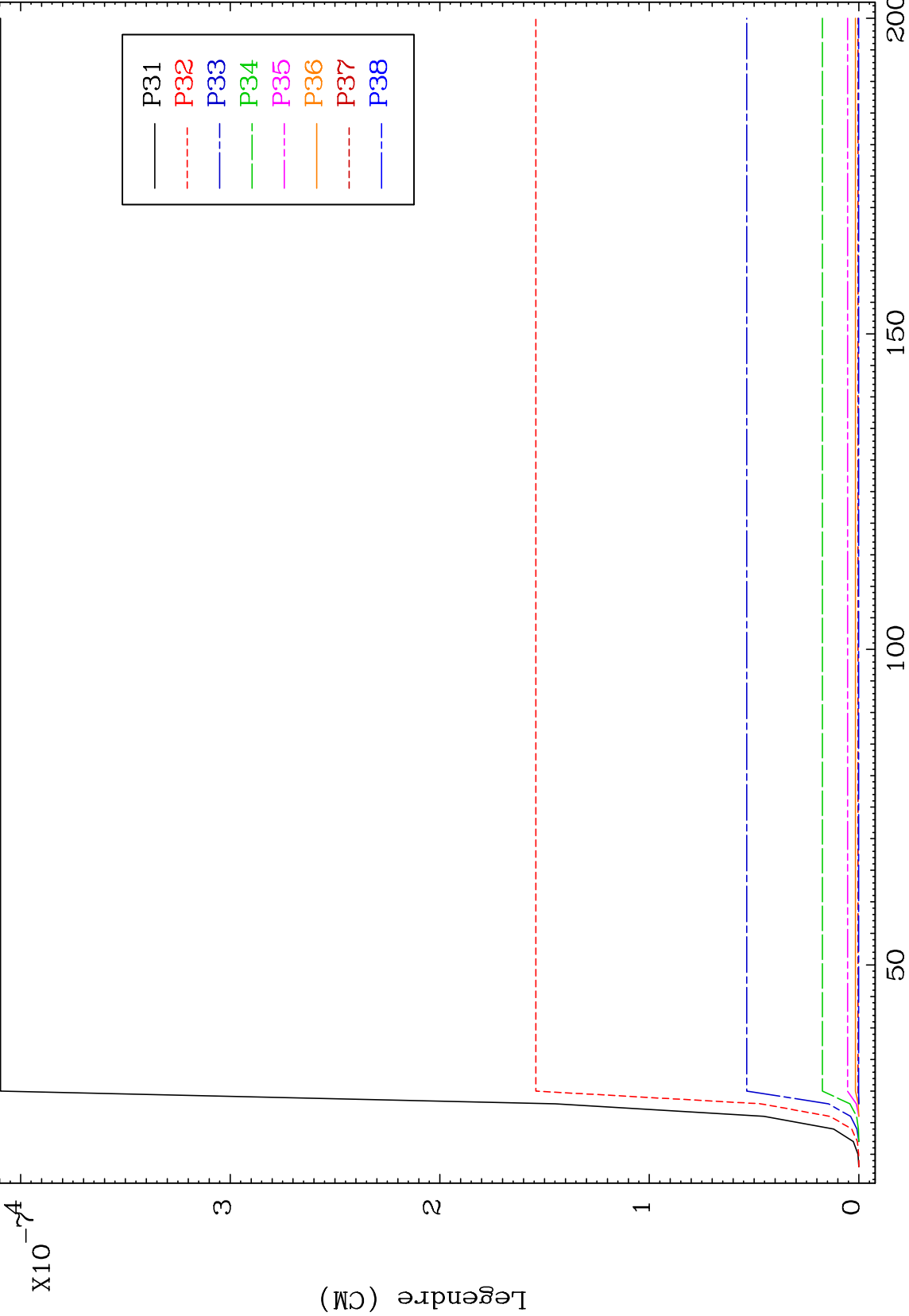
98

85-At-209

MAT 8543

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

85-At-209



99

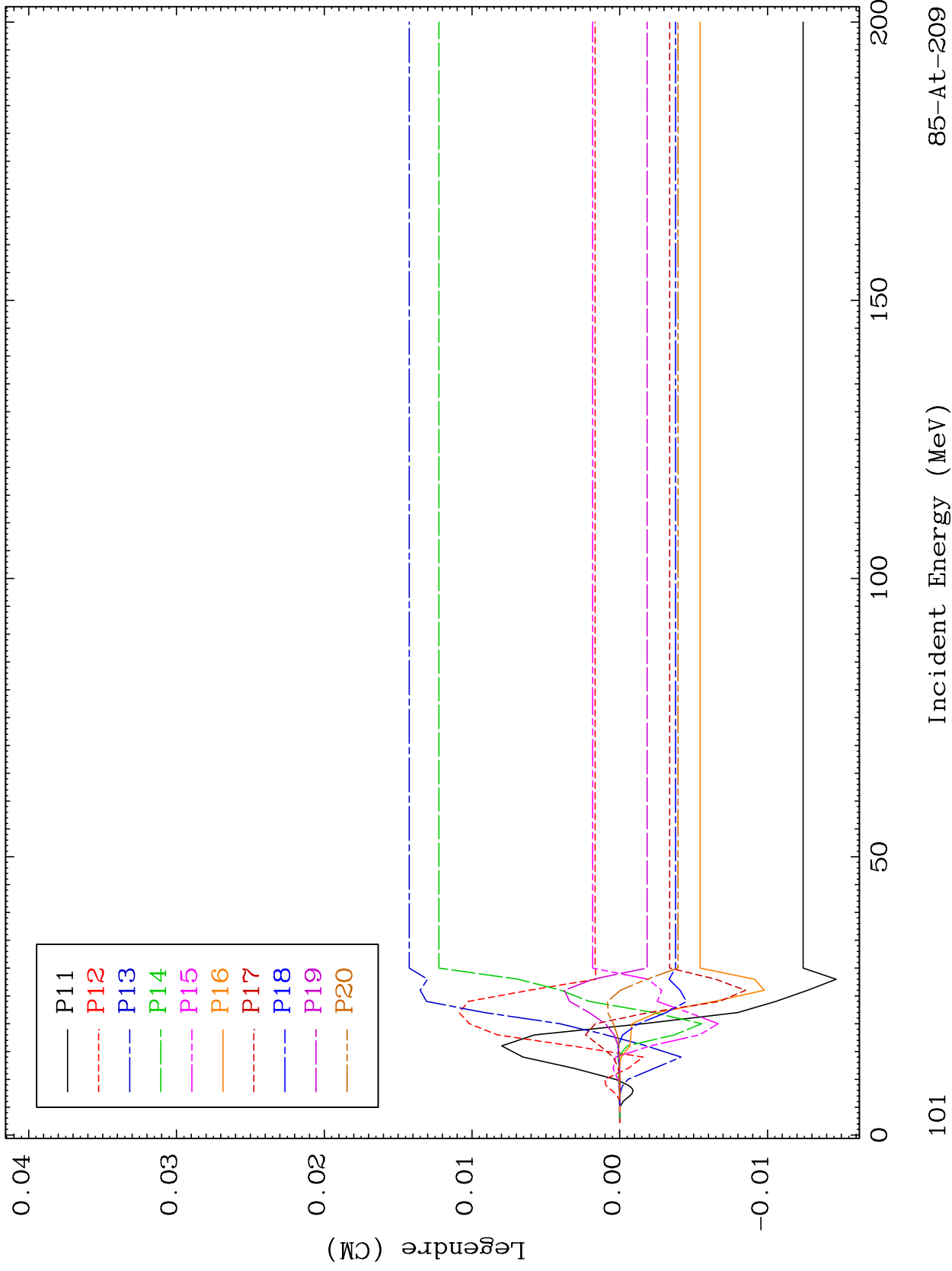
Incident Energy (MeV)

85-At-209

MAT 8543

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

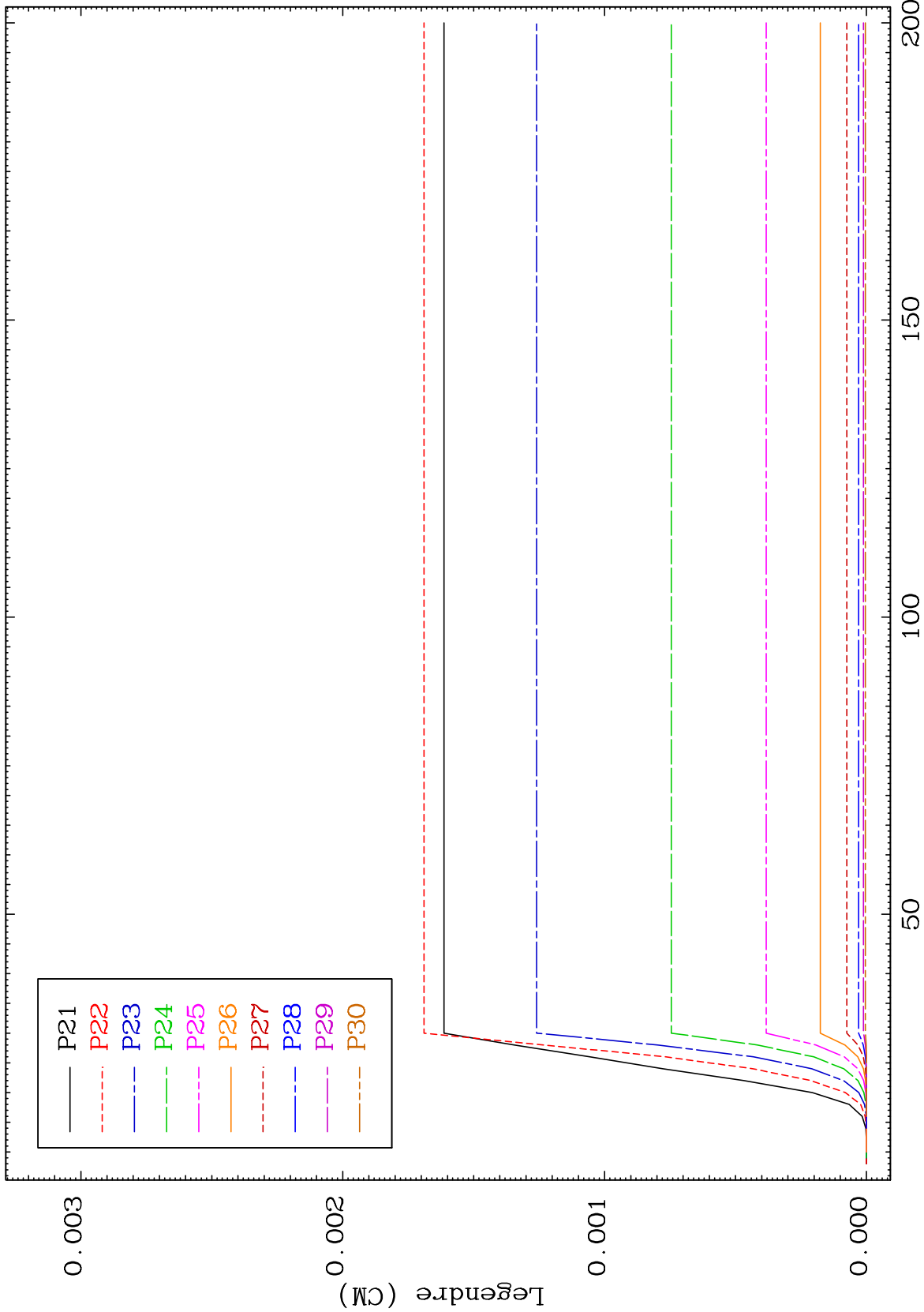
85-At-209



MAT 8543

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

85-At-209



102

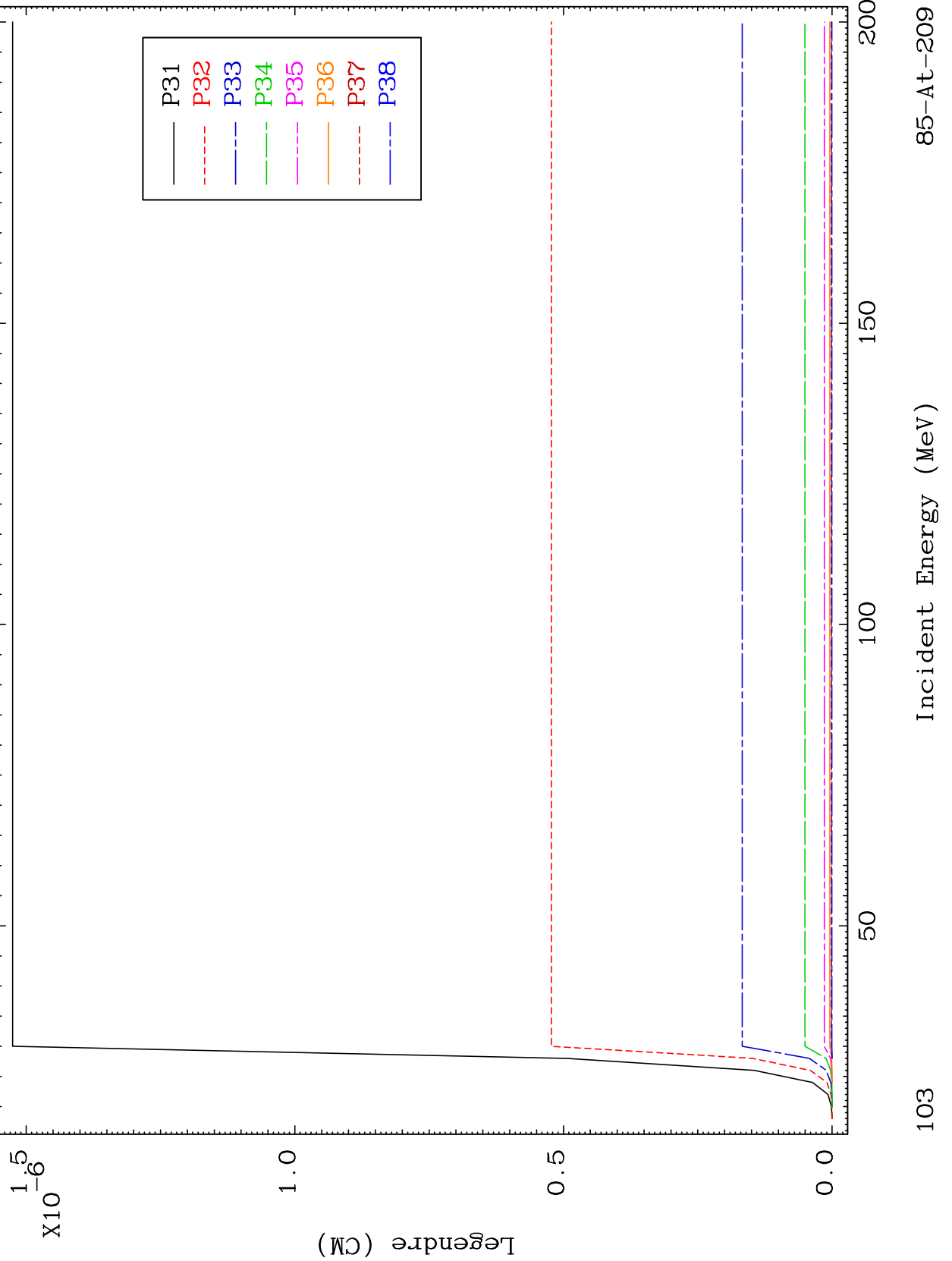
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



103

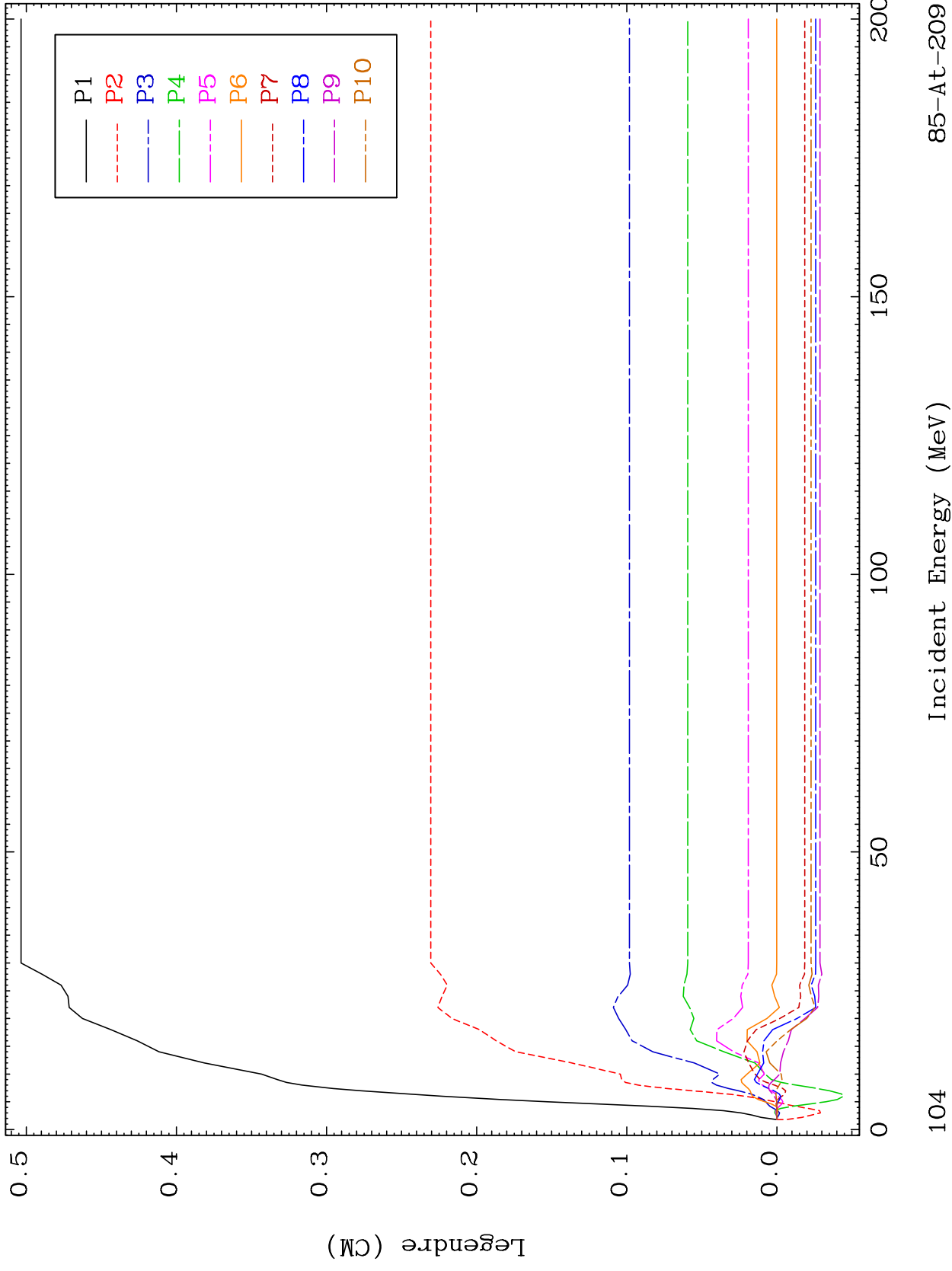
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

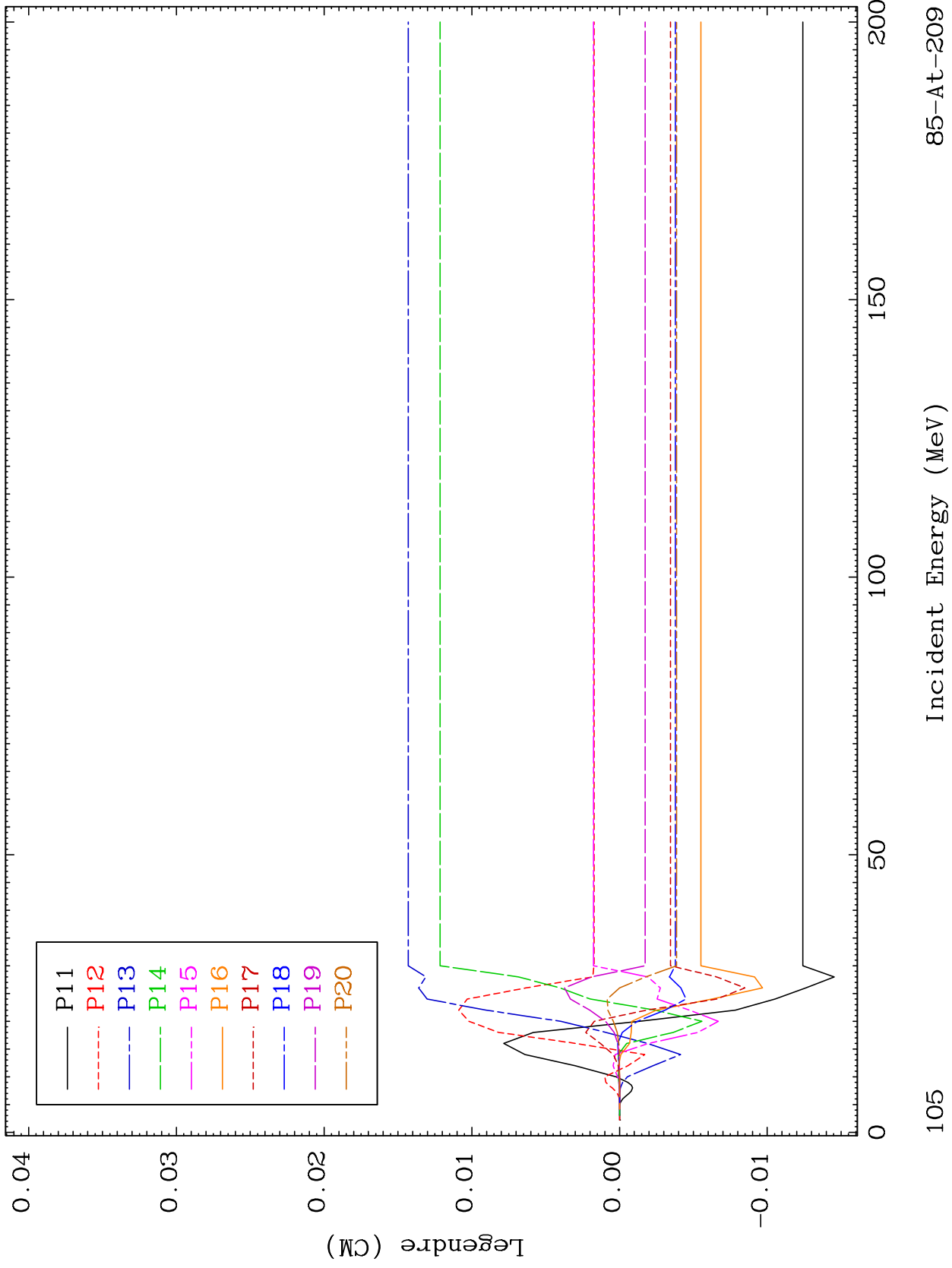
Incident Energy (MeV)

104

MAT 8543

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

85-At-209



85-At-209

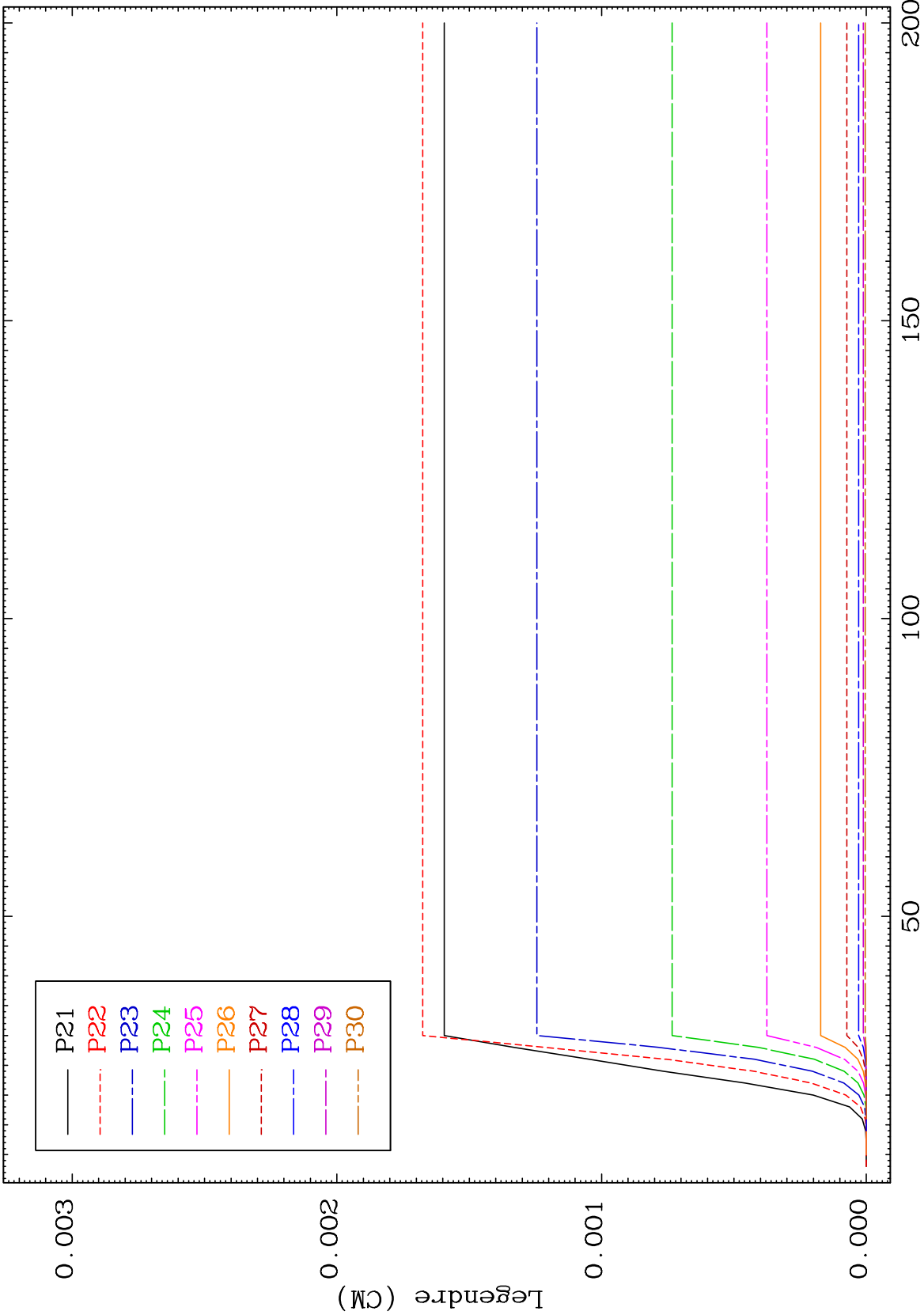
Incident Energy (MeV)

105

MAT 8543

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

85-At-209



106

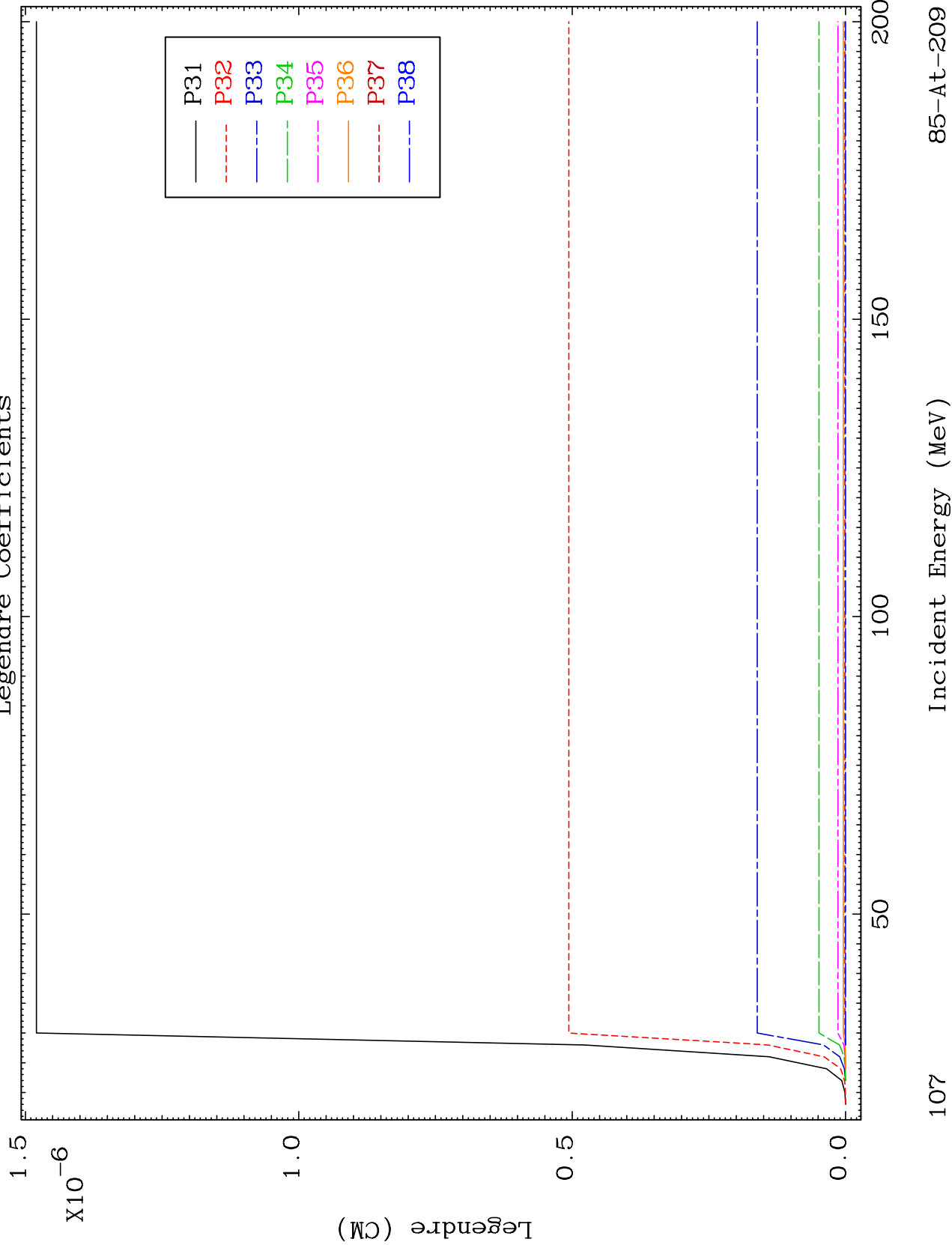
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



107

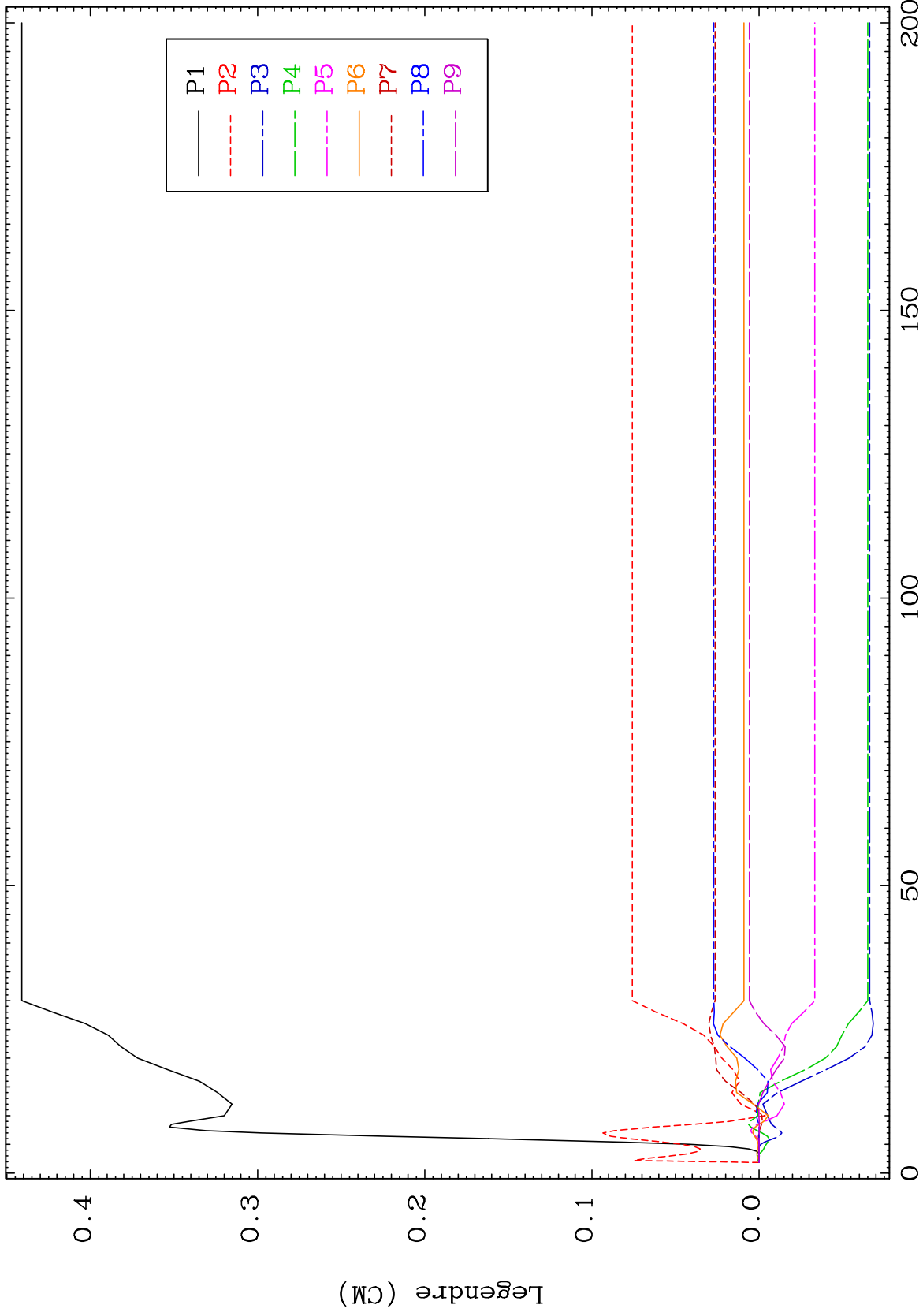
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



108

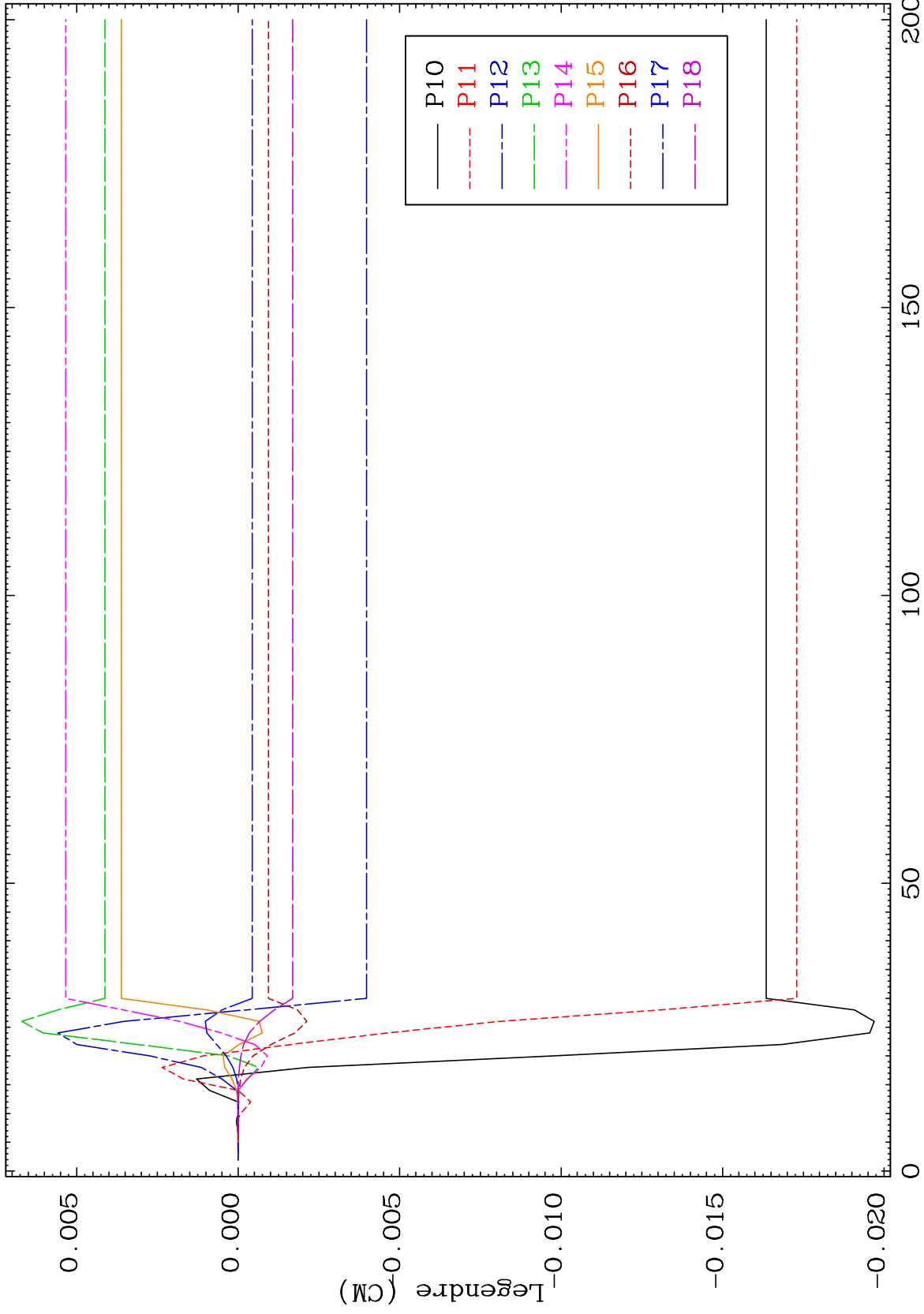
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



109

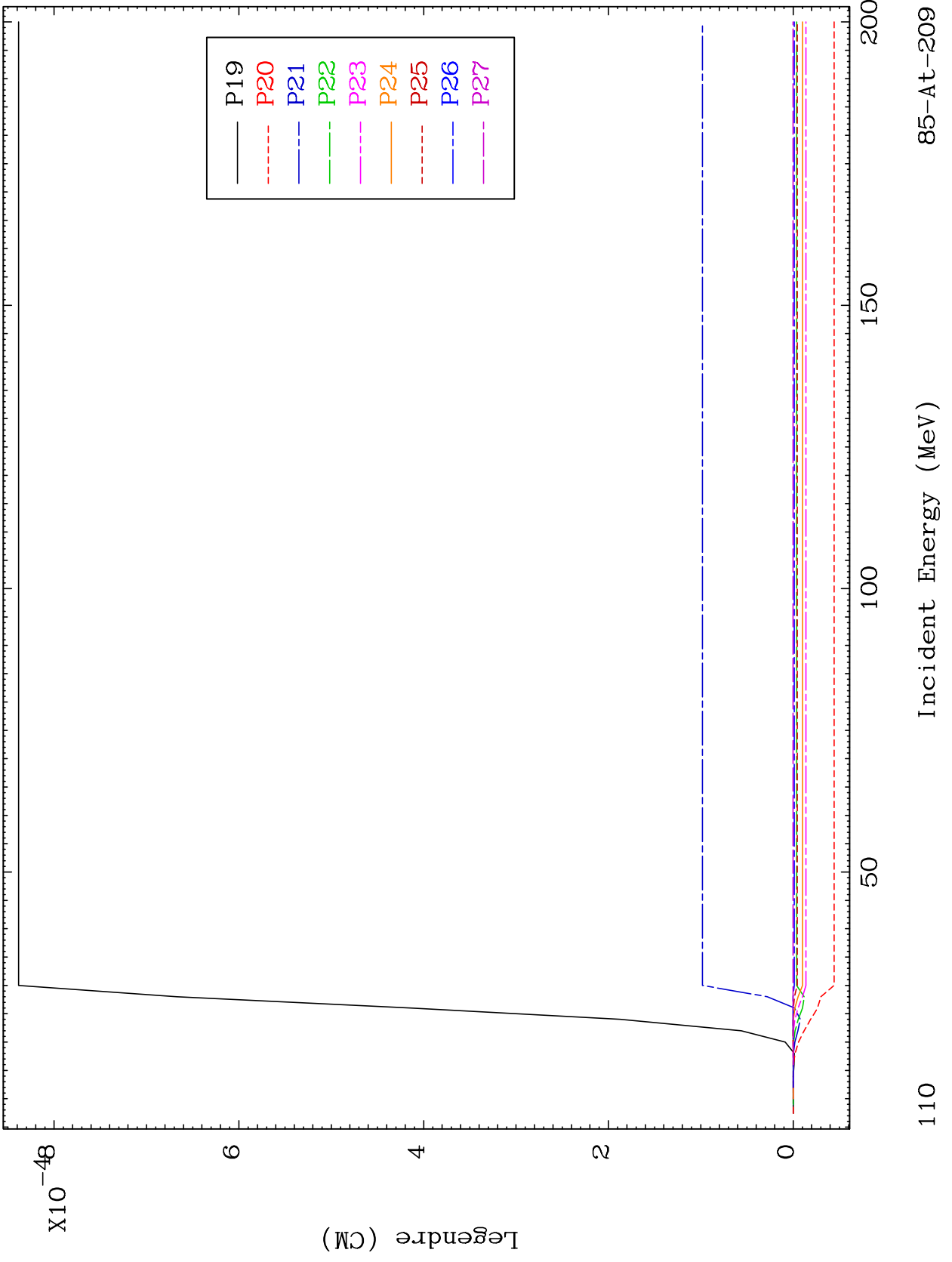
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



110

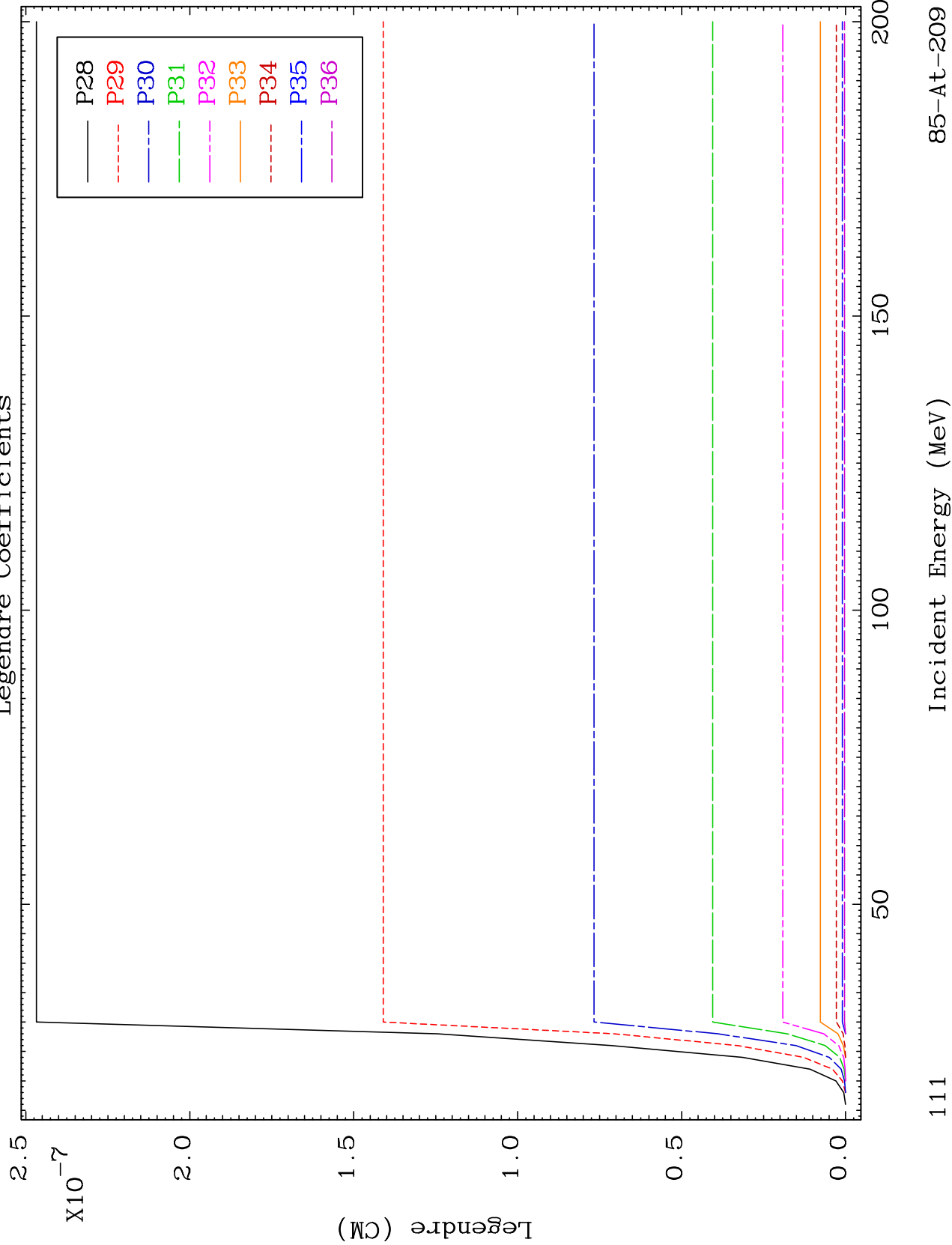
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



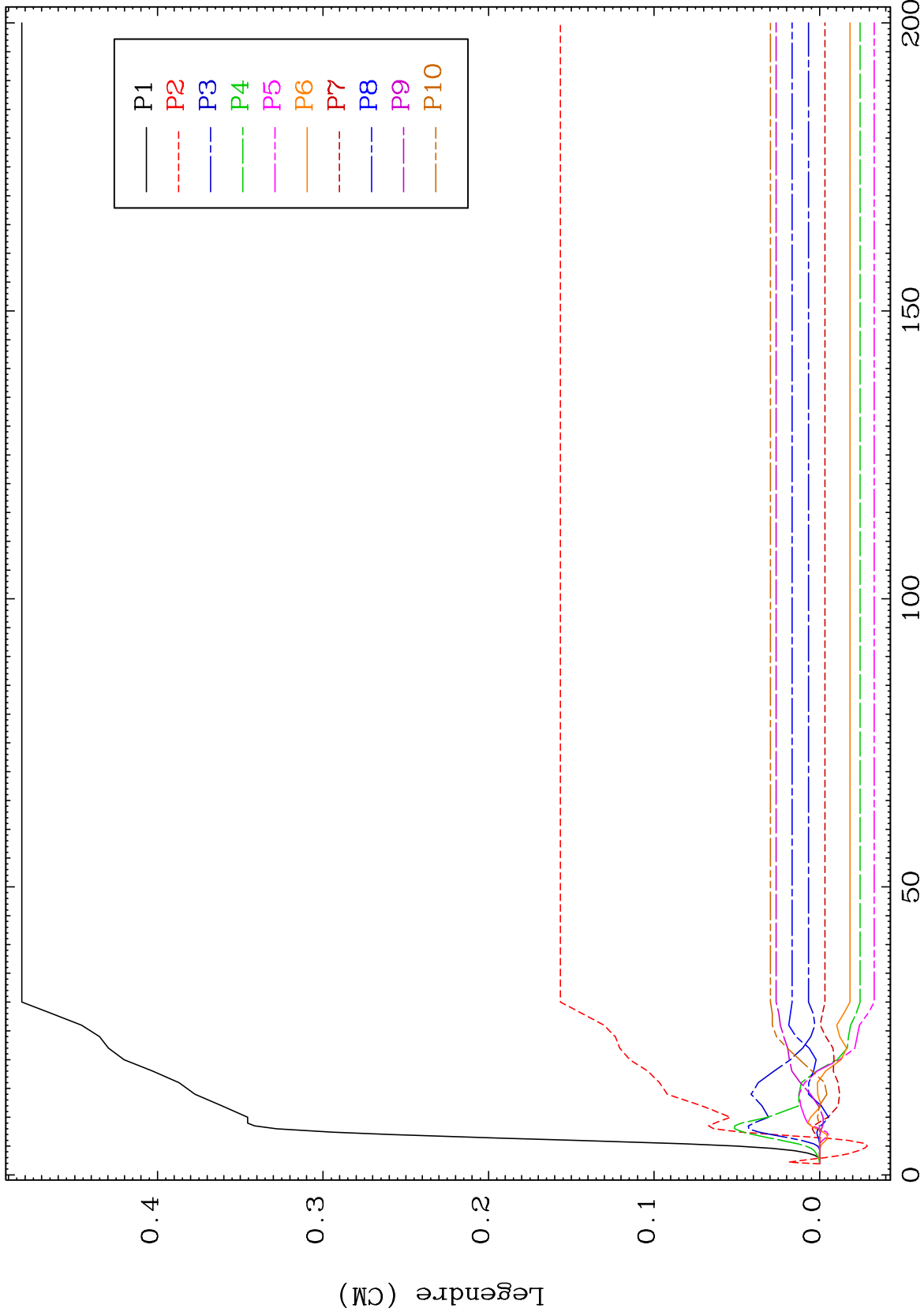
111

85-At-209

MAT 8543

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

85-At-209



85-At-209

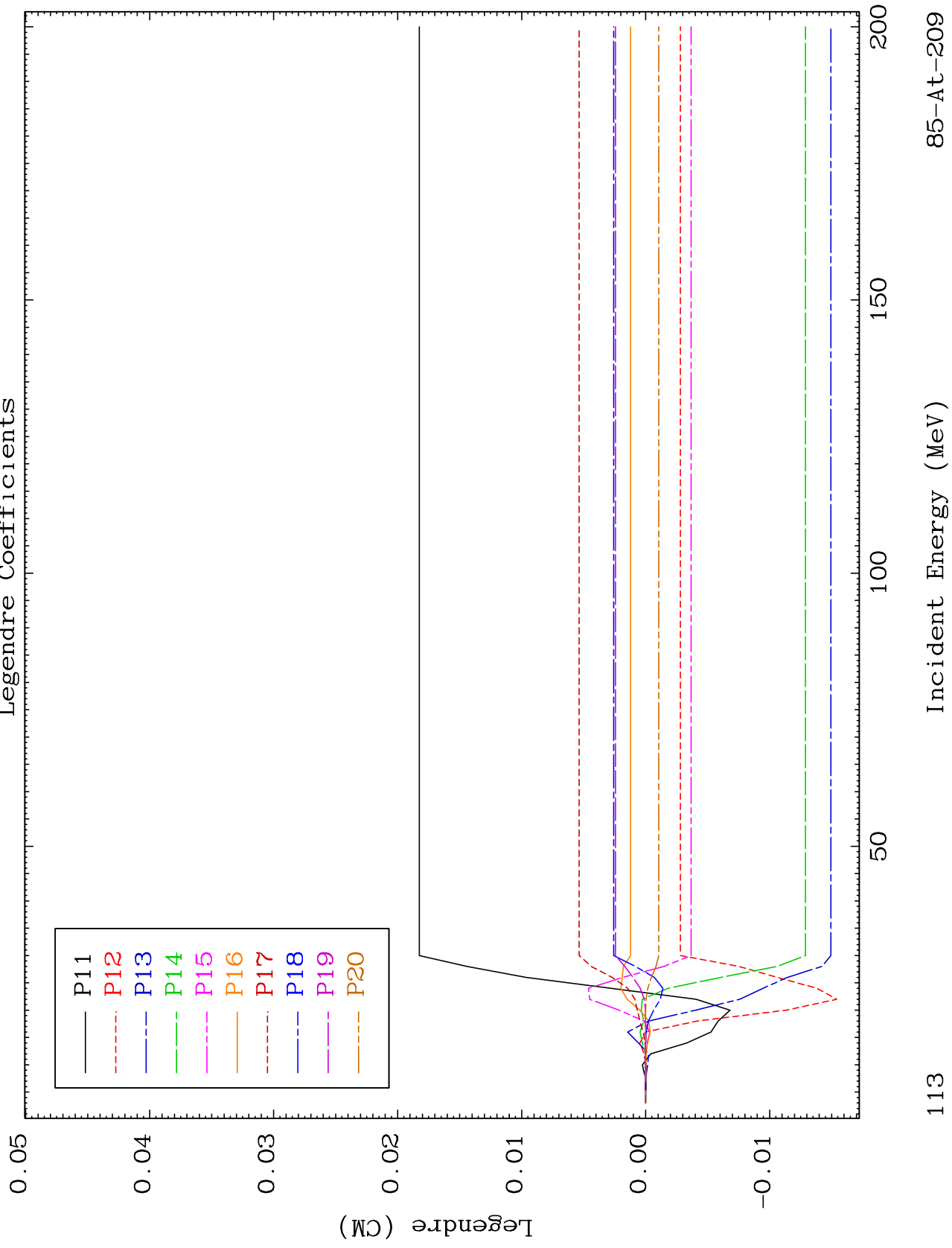
Incident Energy (MeV)

112

MAT 8543

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

85-At-209



113

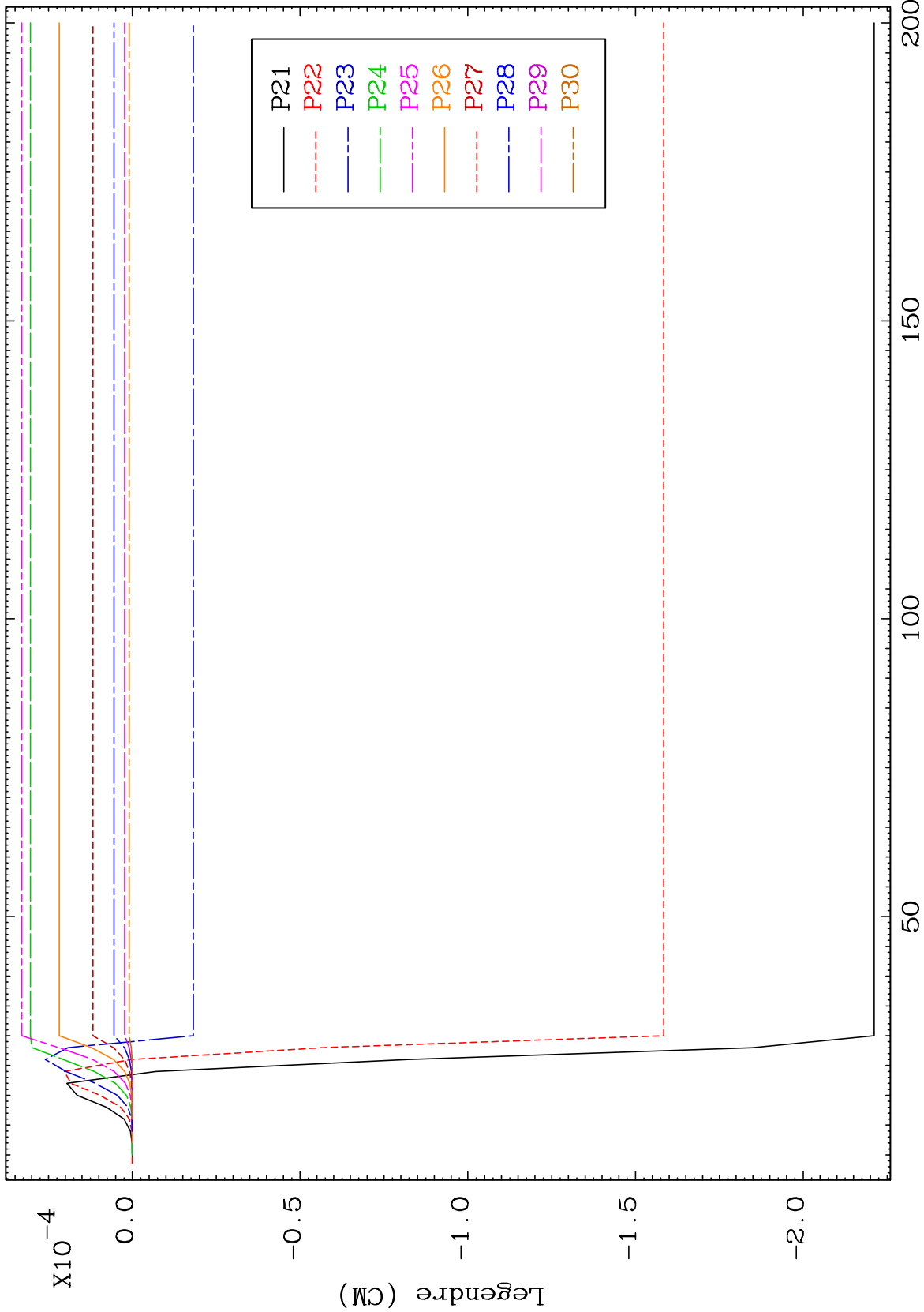
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



114

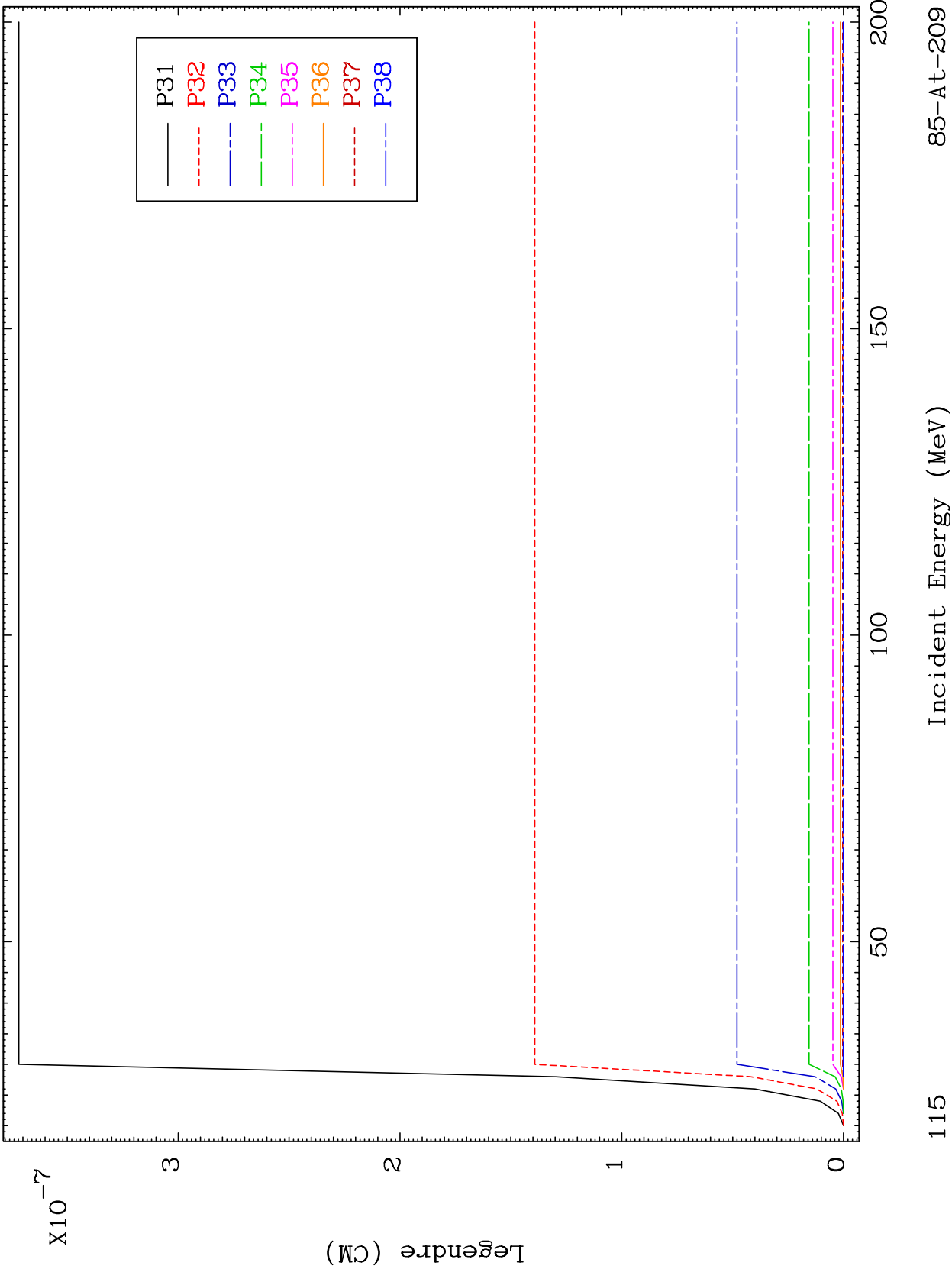
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



115

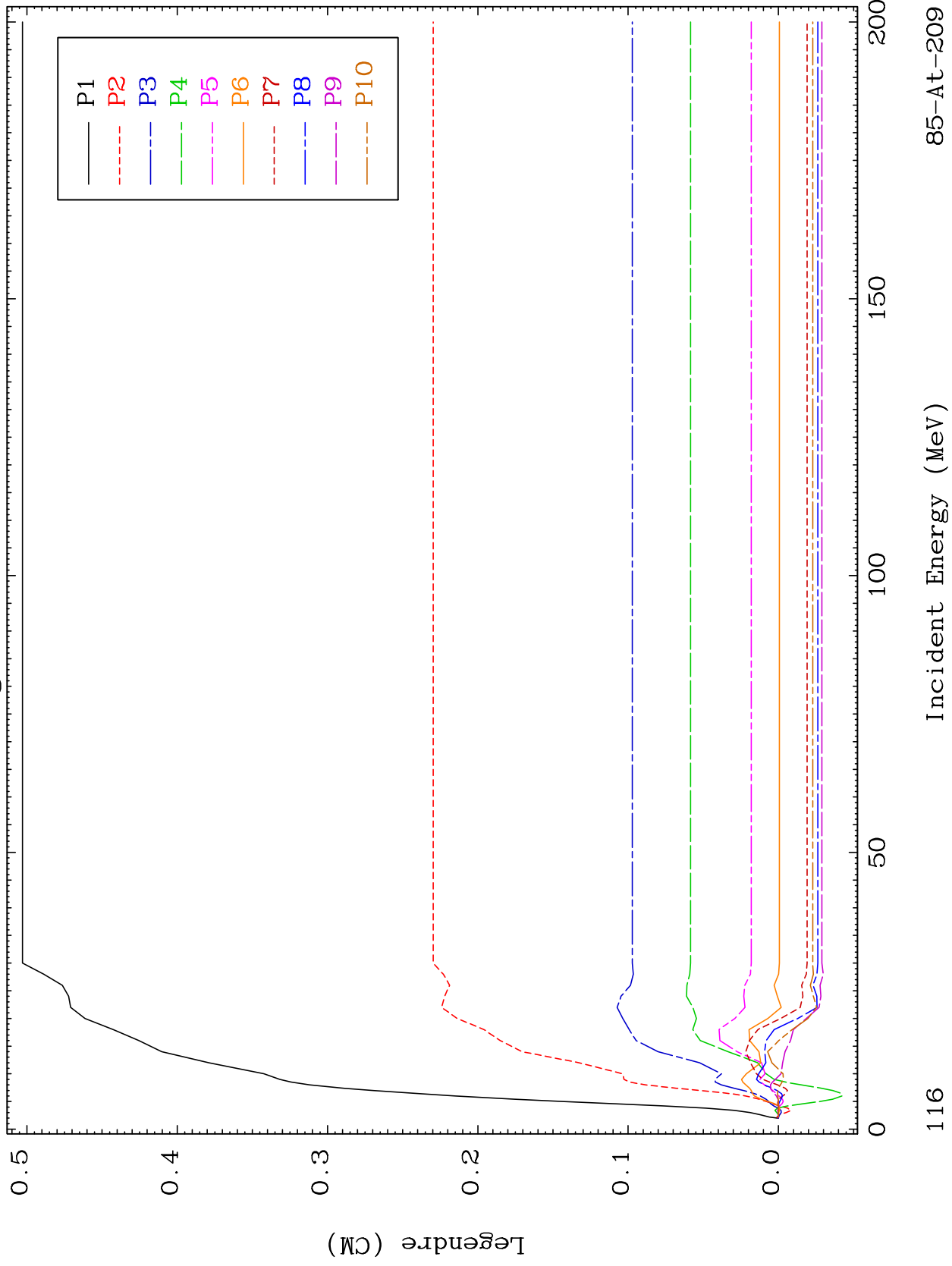
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



116

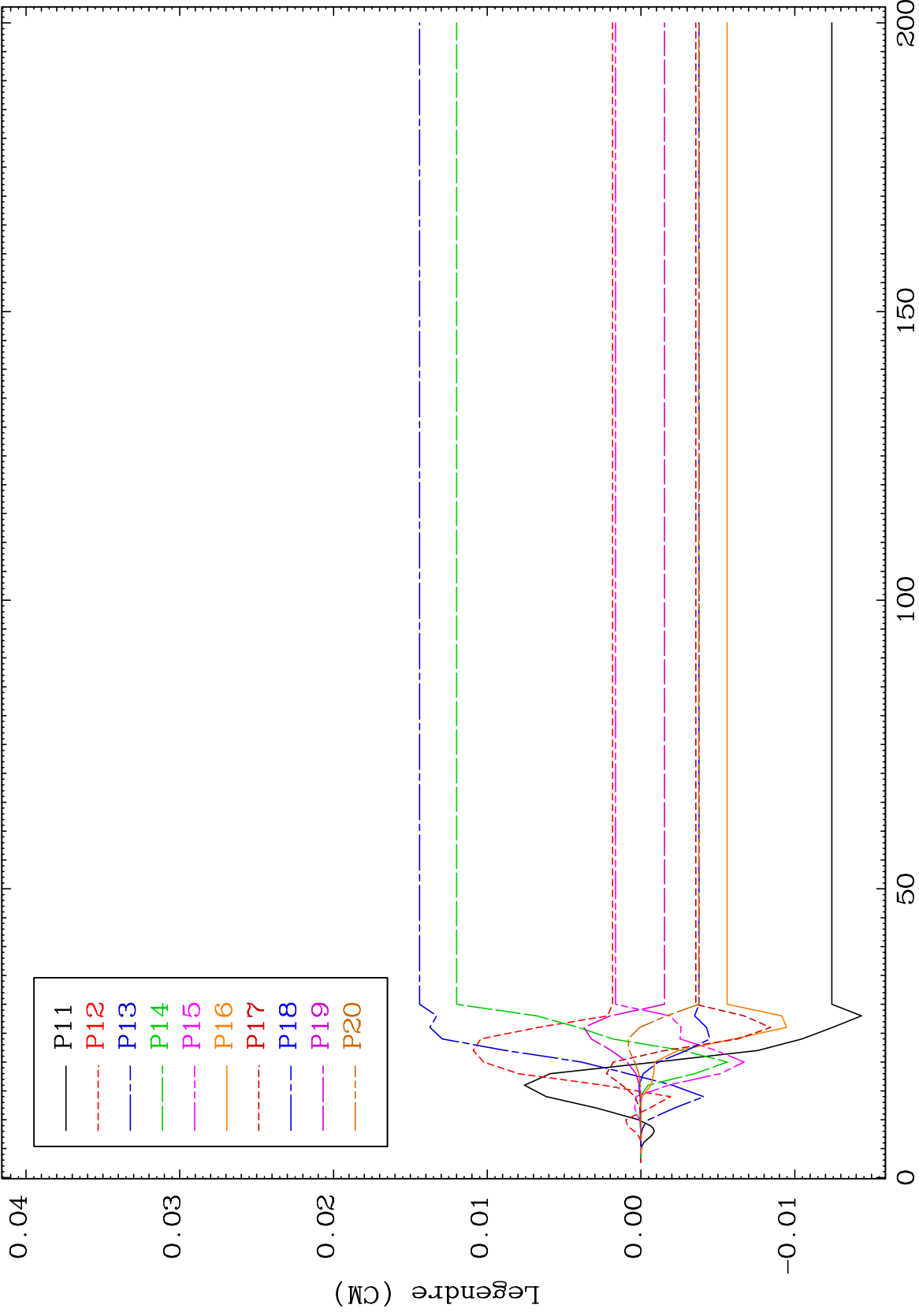
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



117

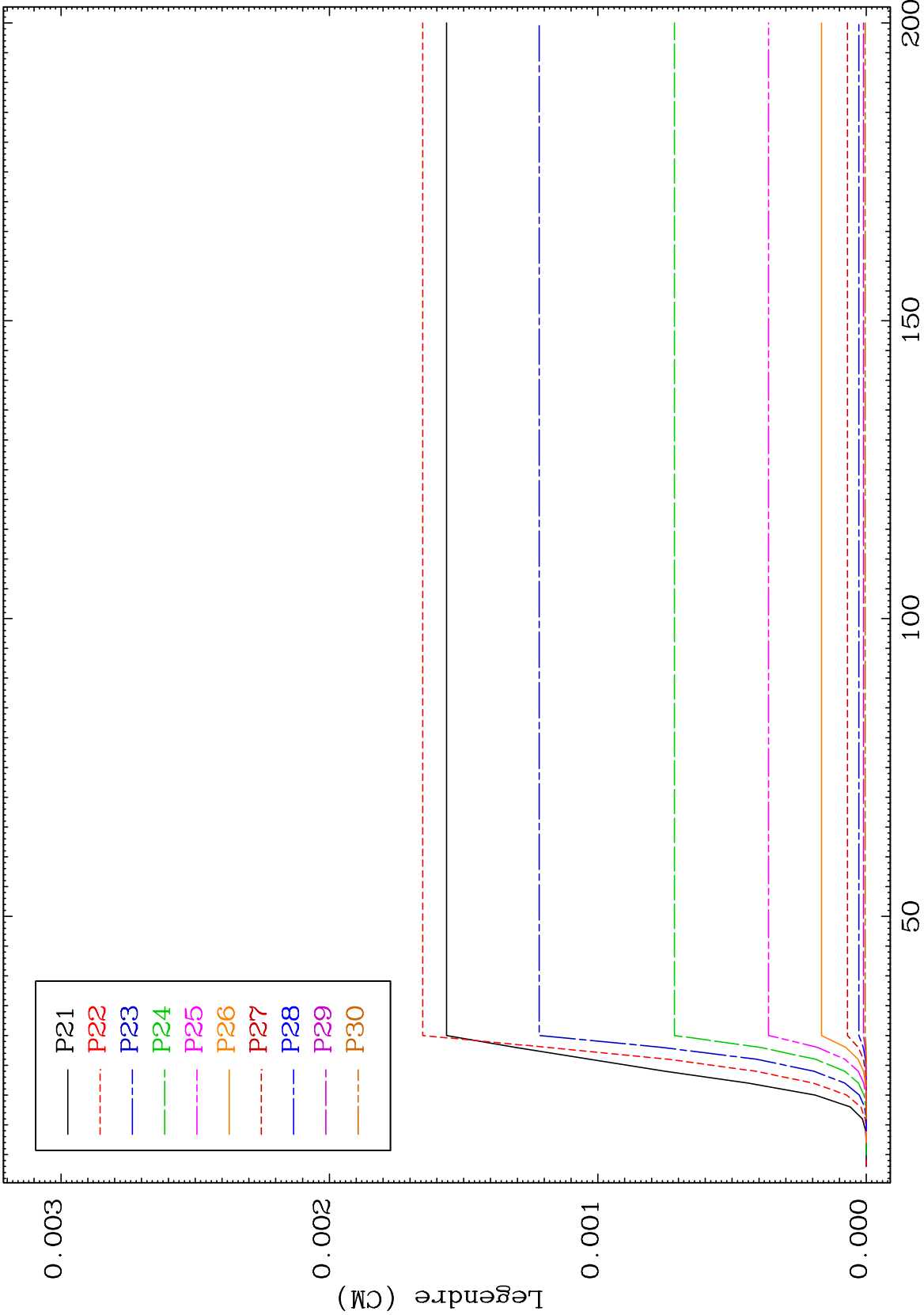
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



118

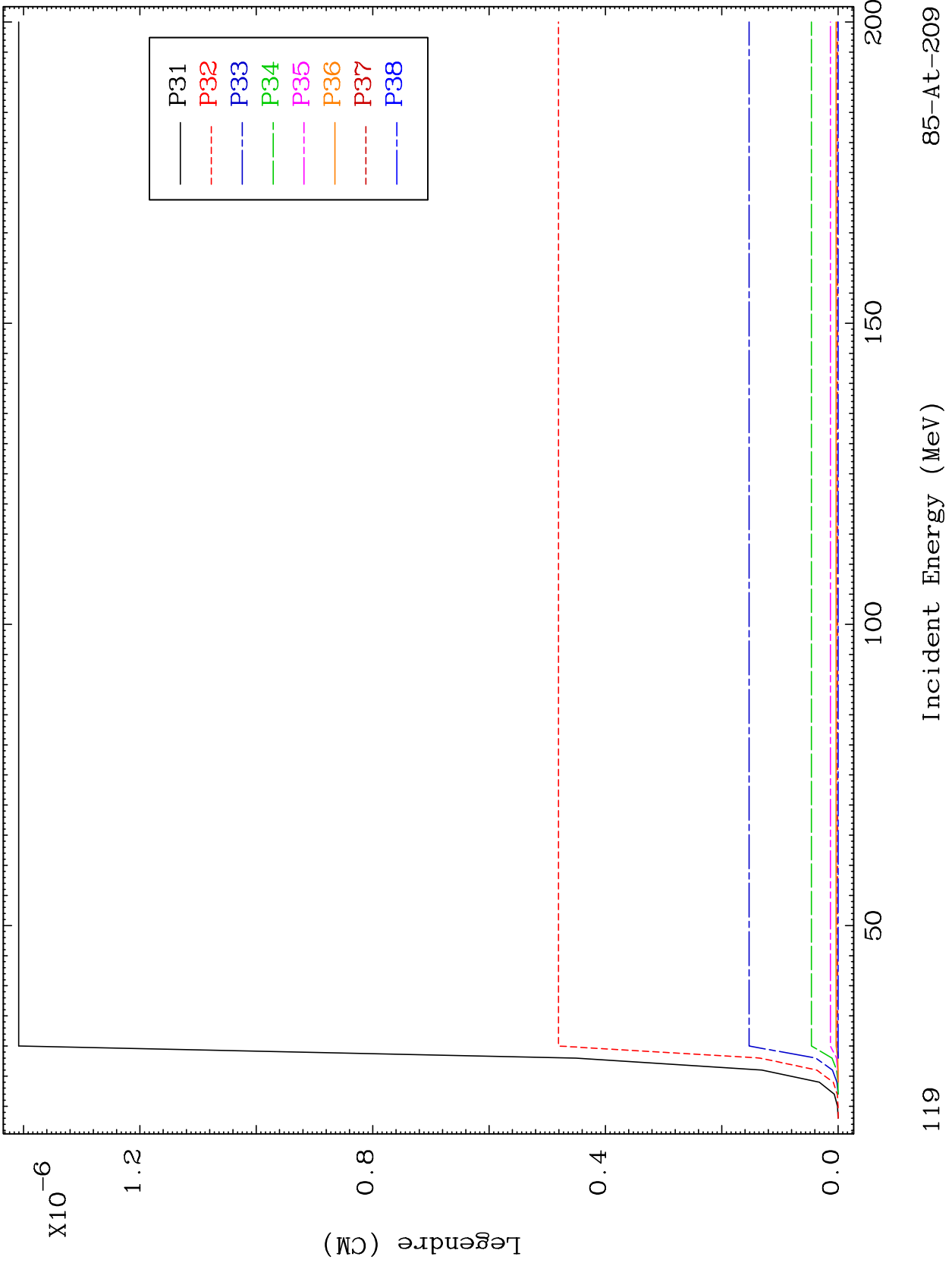
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



119

Incident Energy (MeV)

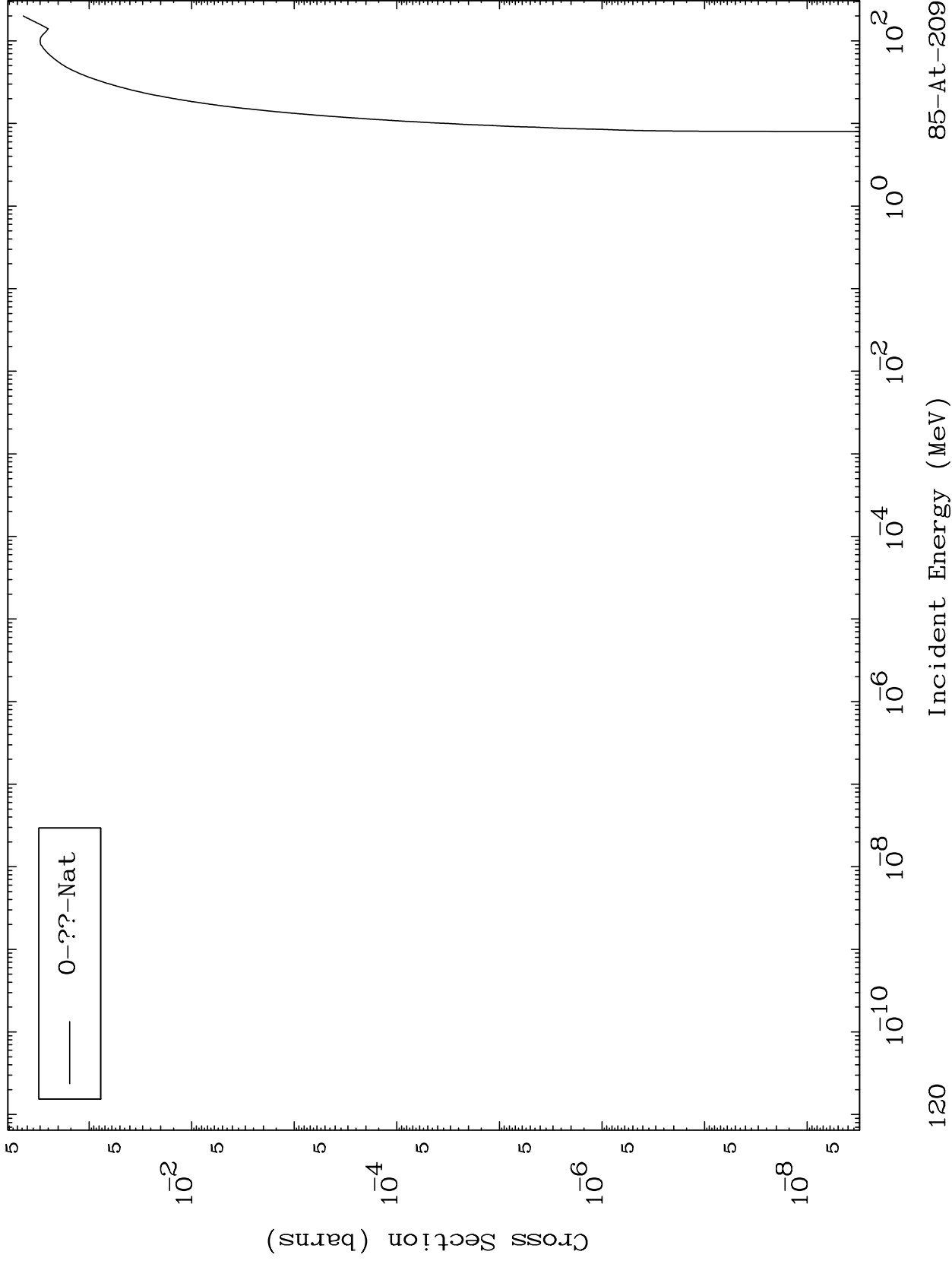
85-At-209

MAT 8543

Fission

85-At-209

Radionuclide Production Cross Section



120

Incident Energy (MeV)

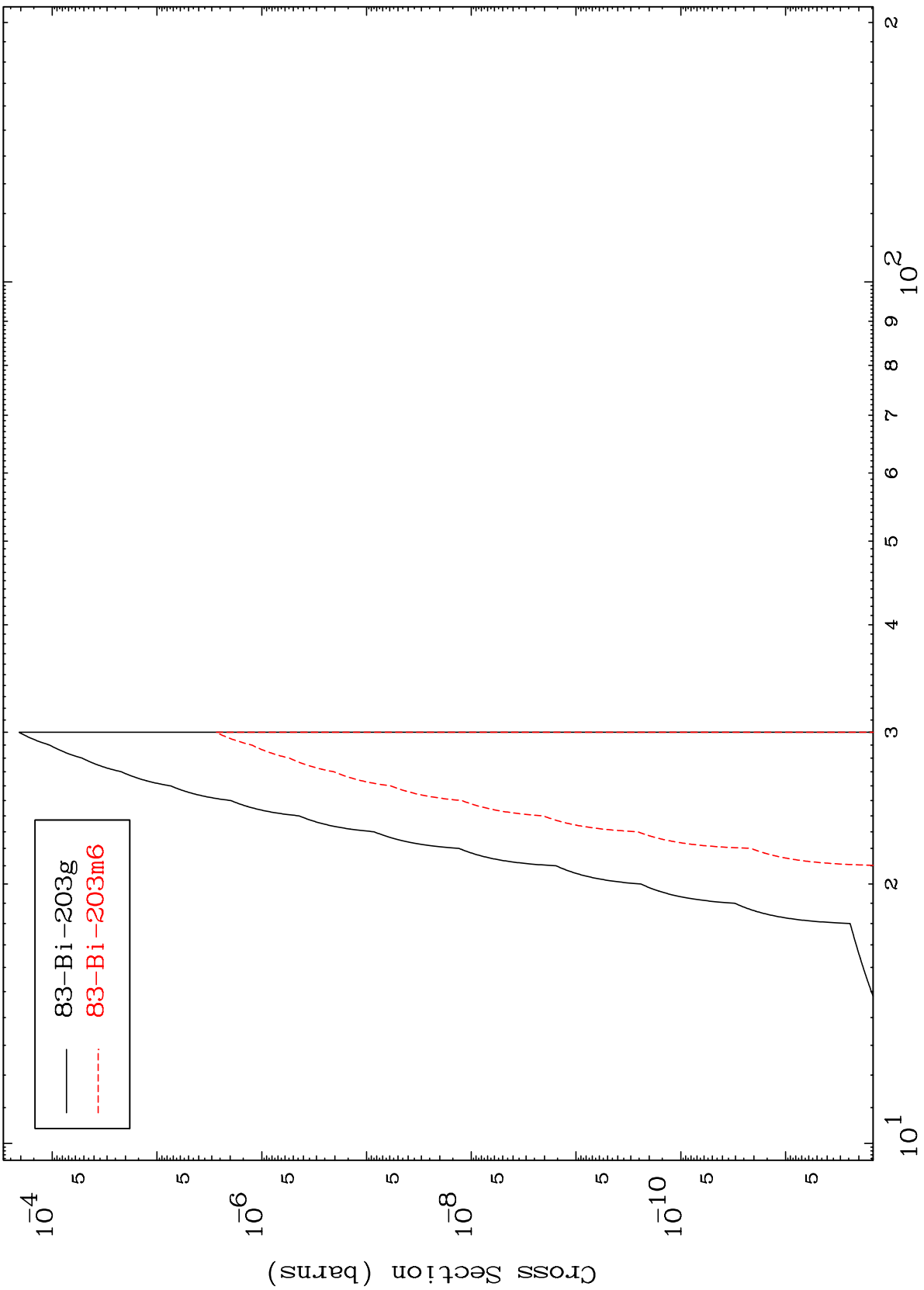
85-At-209

MAT 8543

(n,3n) α

85-At-209

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

121

Incident Energy (MeV)

85-At-209