

Program EVALPLOT
(Version 2018-1)

by

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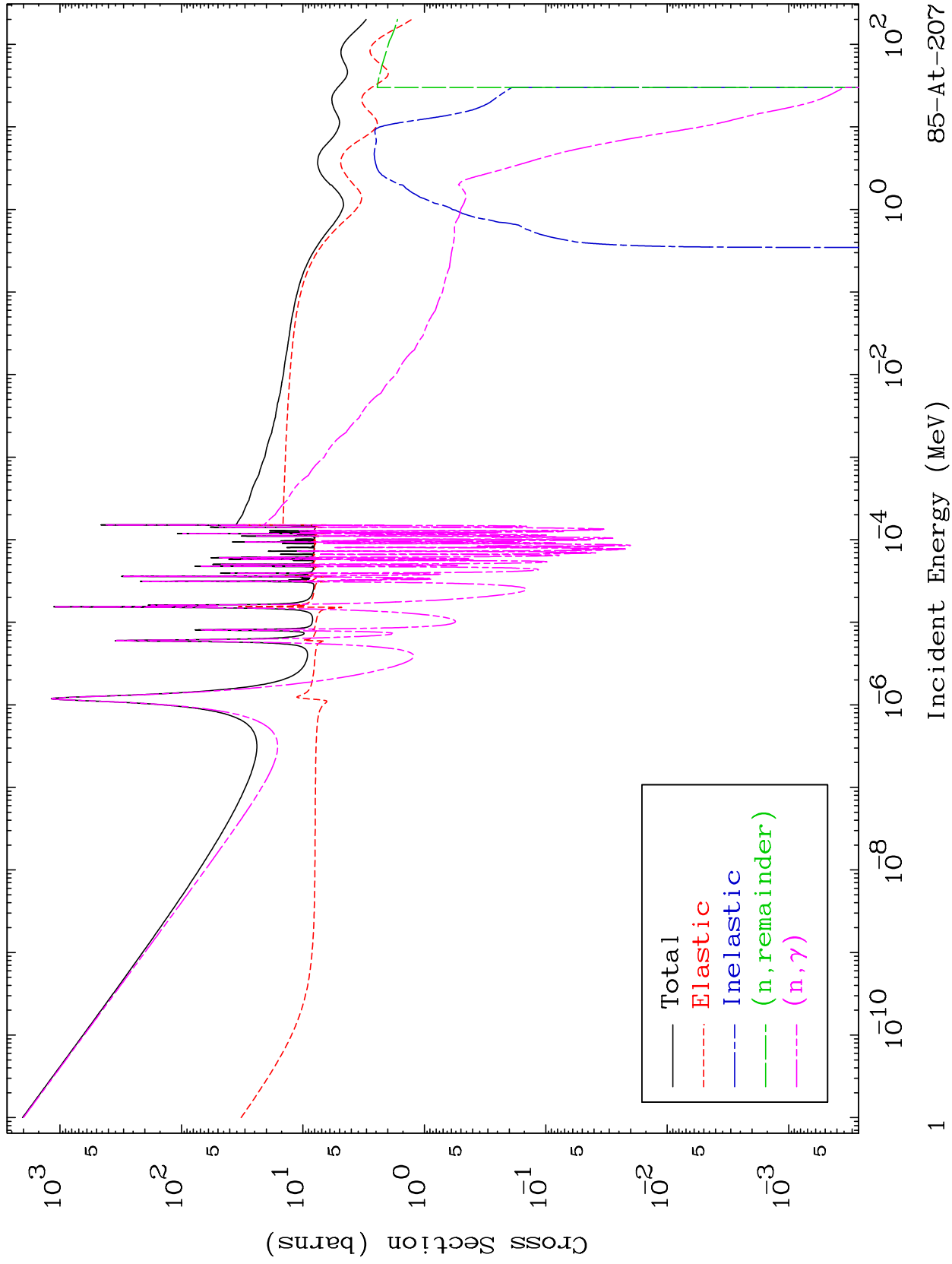
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8537

Major
293 Kelvin Cross Sections

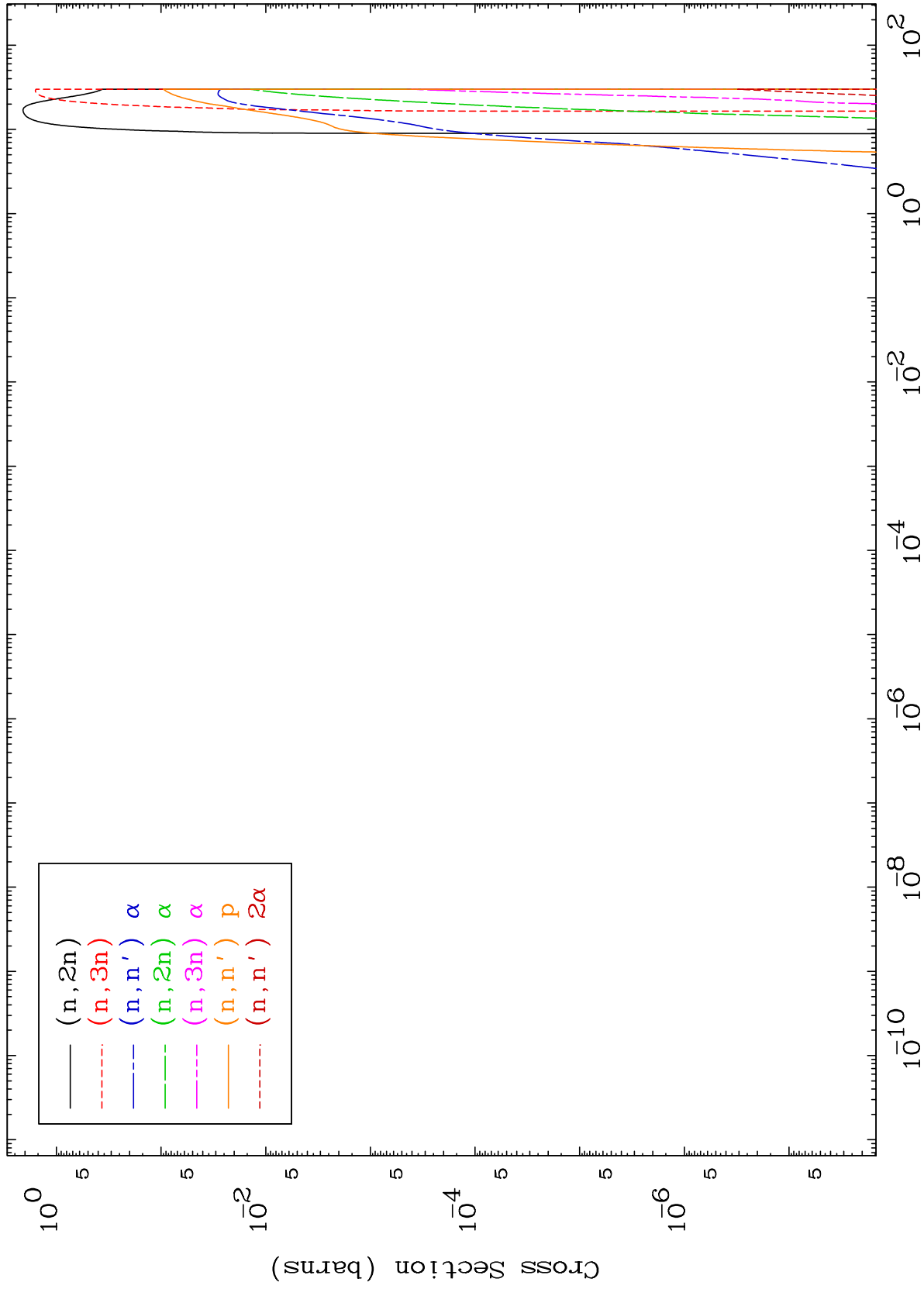
85-At-207



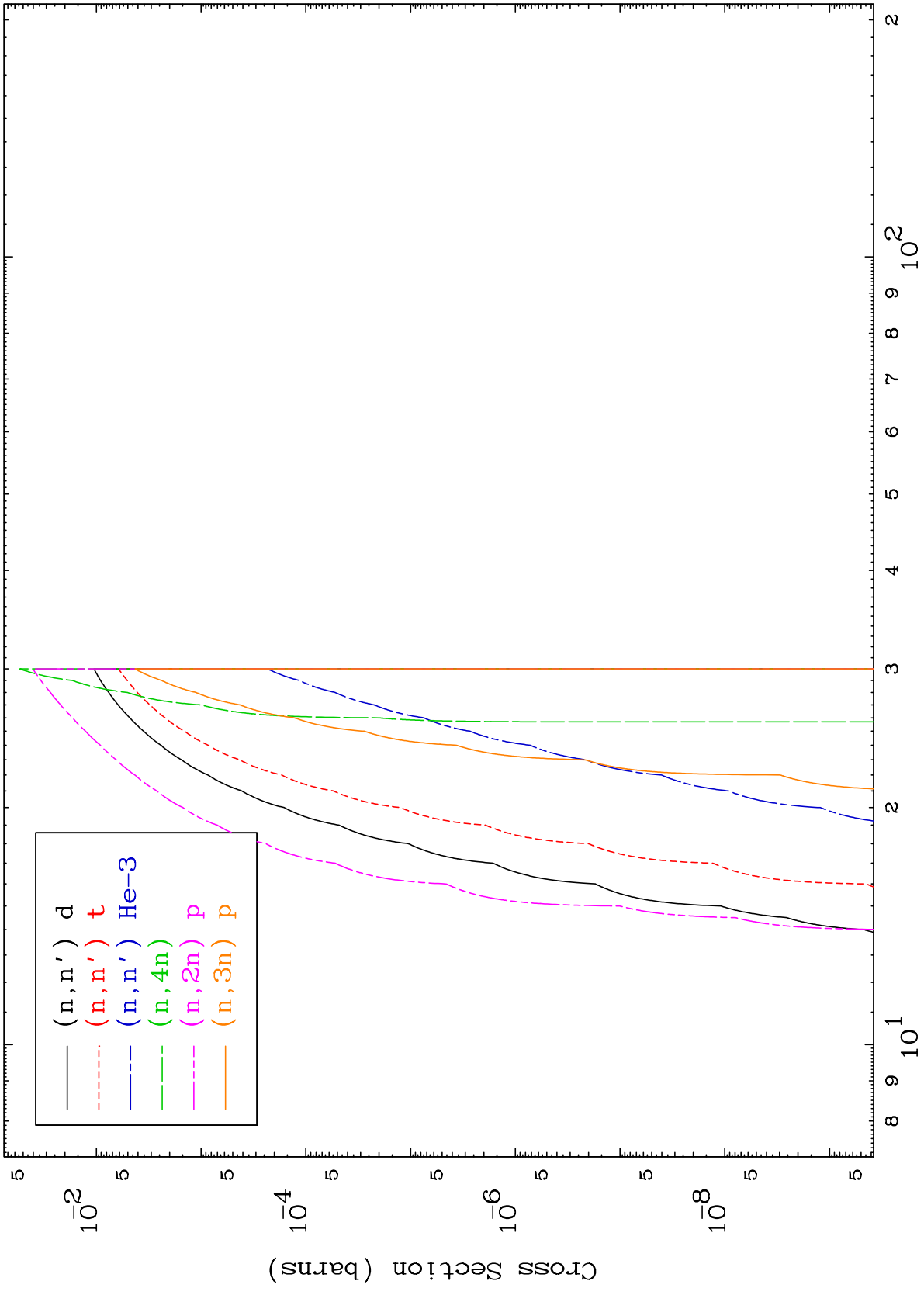
MAT 8537

Neutron Production
293 Kelvin Cross Sections

85-At-207



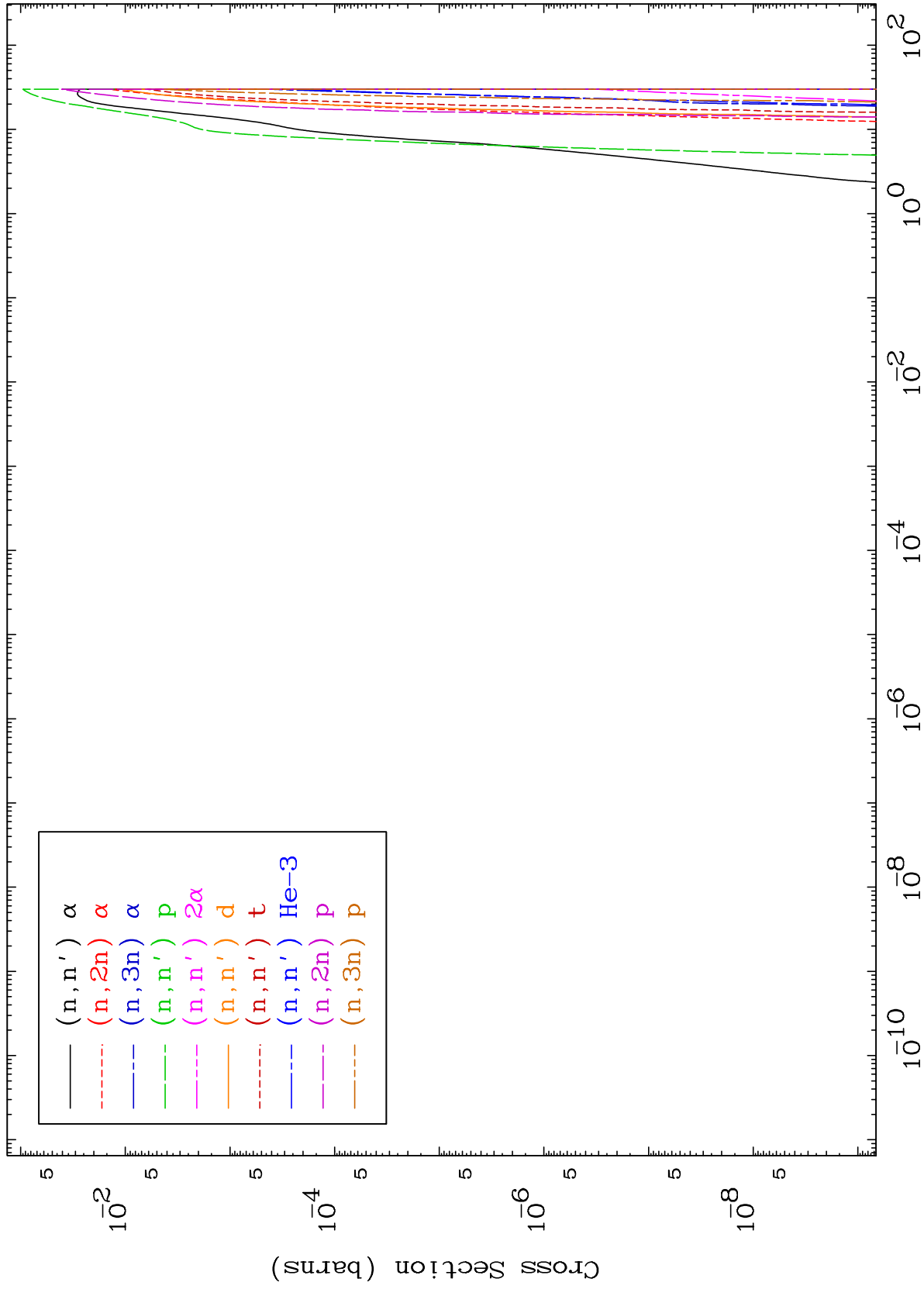
85-At-207



MAT 8537

293 Kelvin Cross Sections

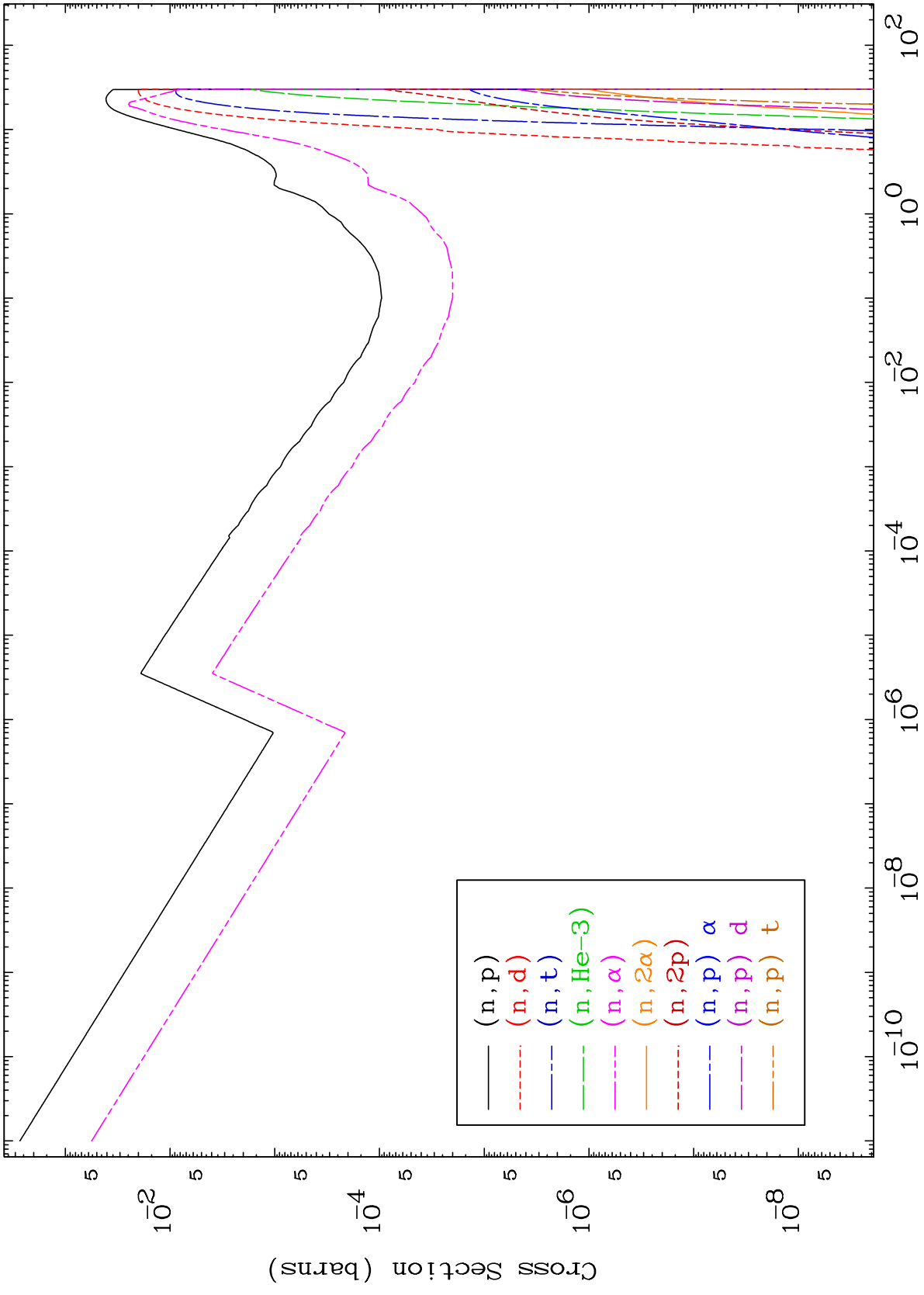
85-At-207

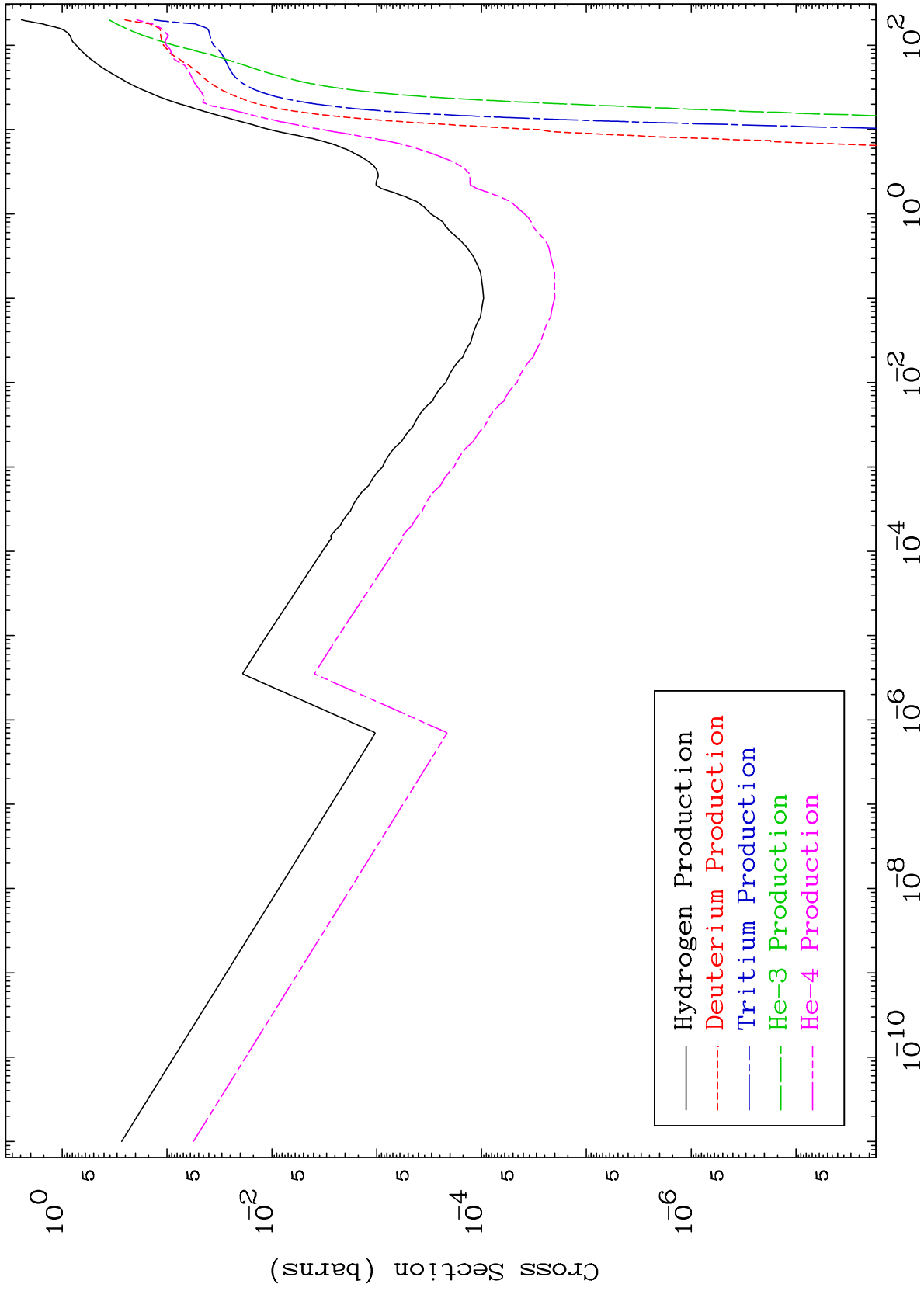


MAT 8537

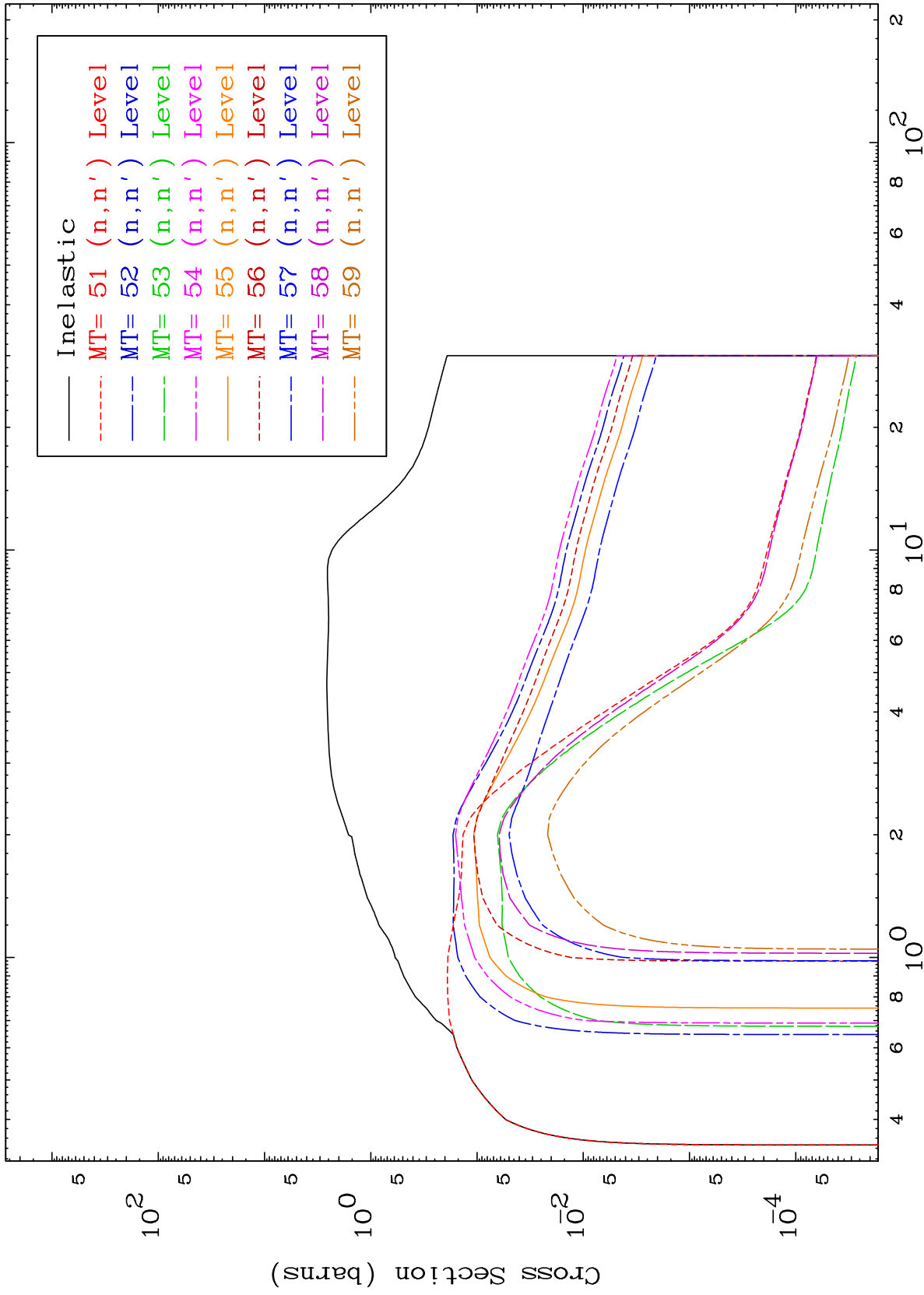
Charged Particle
293 Kelvin Cross Sections

85-At-207





293 Kelvin Cross Sections

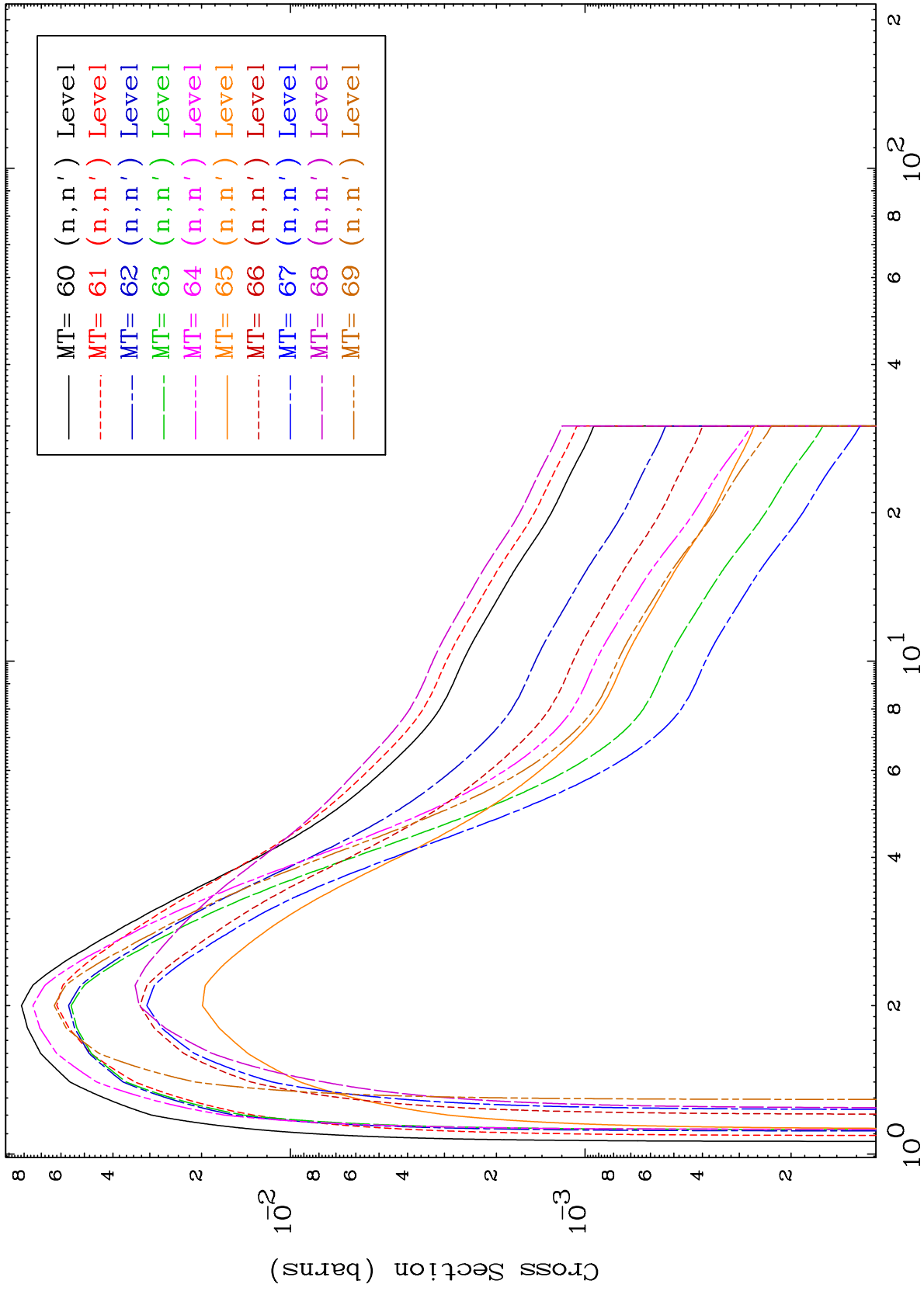


MAT 8537

(n,n') Level

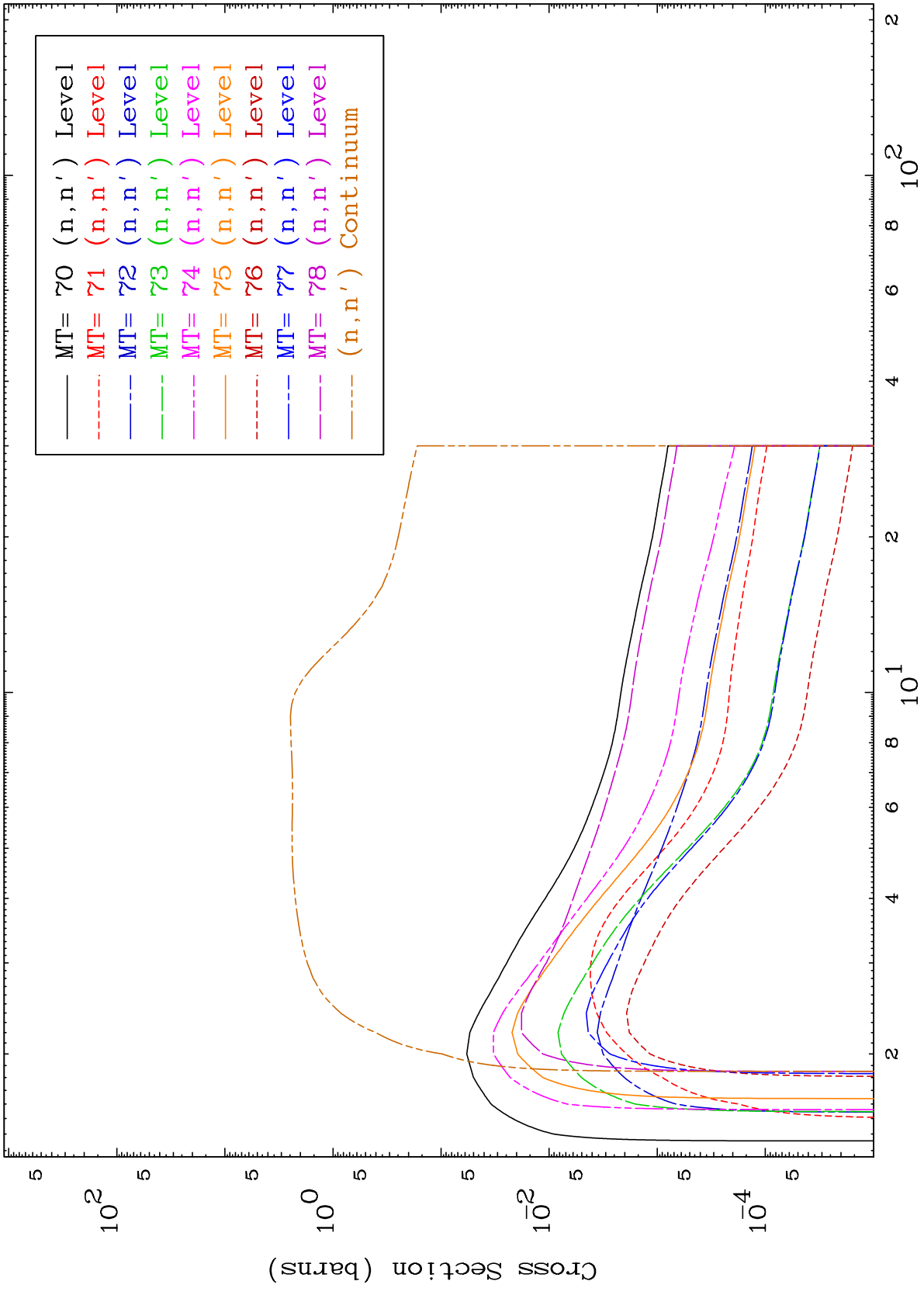
85-At-207

293 Kelvin Cross Sections



Incident Energy (MeV)

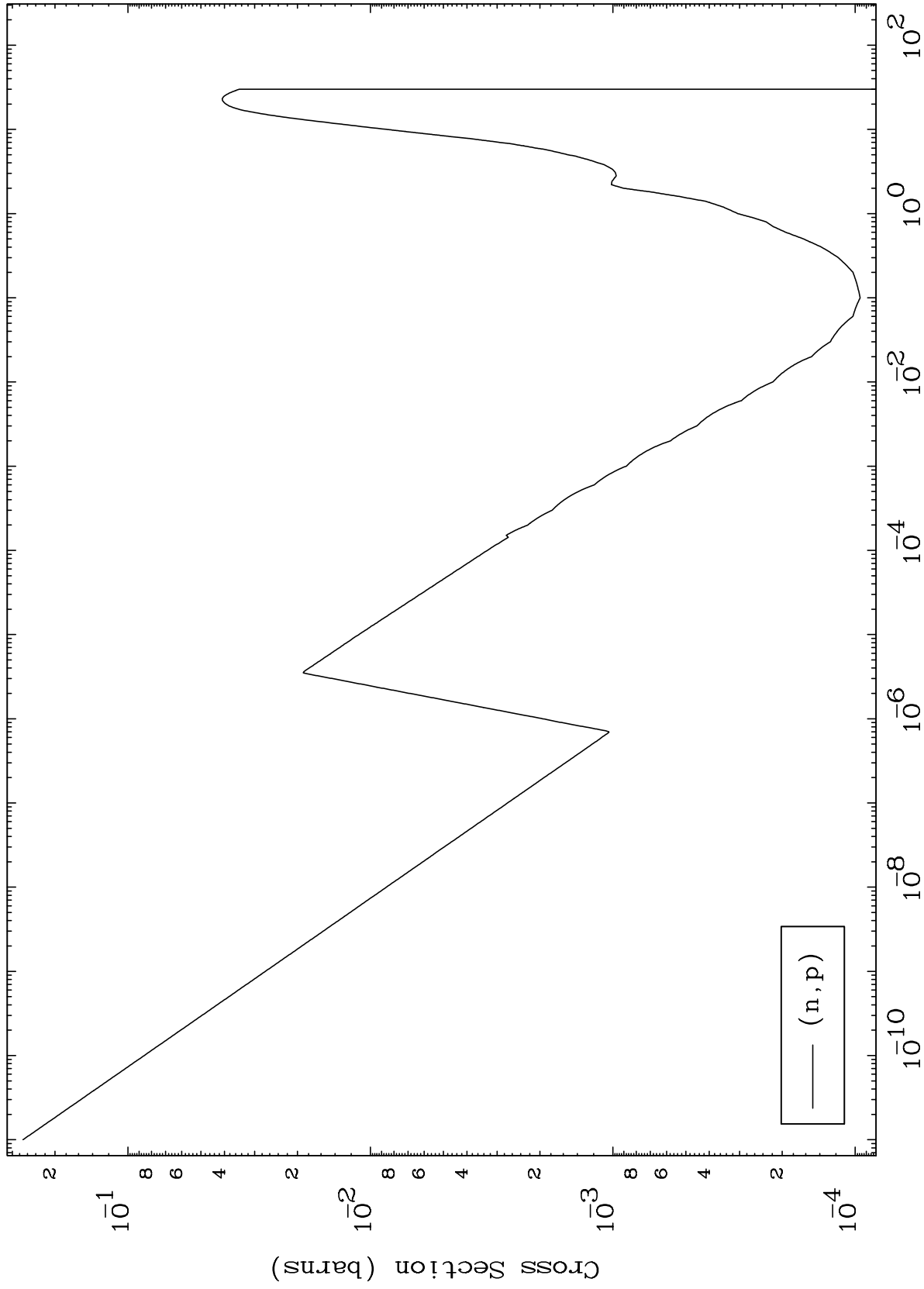
85-At-207



MAT 8537

(n,p) Levels
293 Kelvin Cross Sections

85-At-207



10

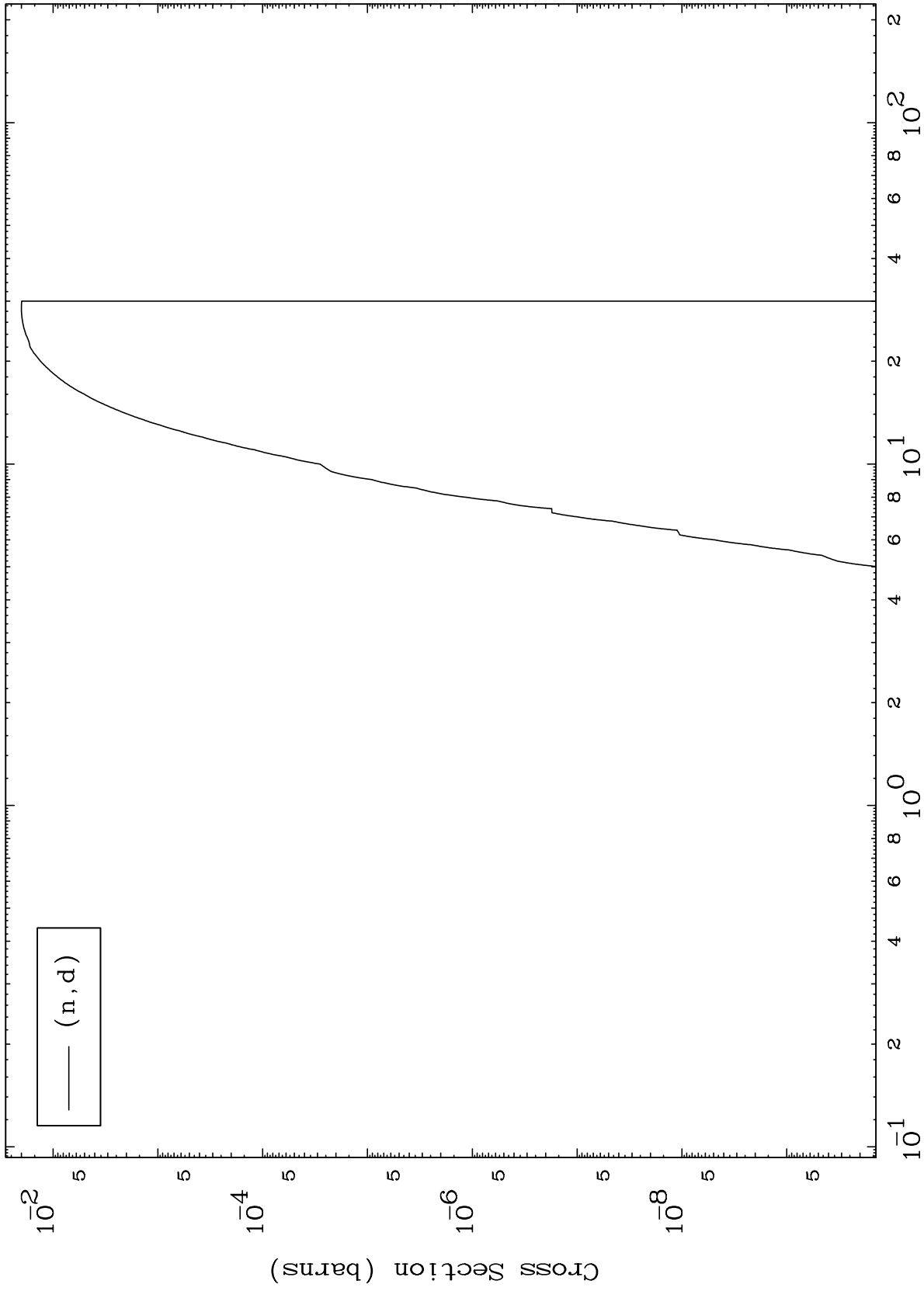
Incident Energy (MeV)

85-At-207

MAT 8537

(n,d) Levels
293 Kelvin Cross Sections

85-At-207



11

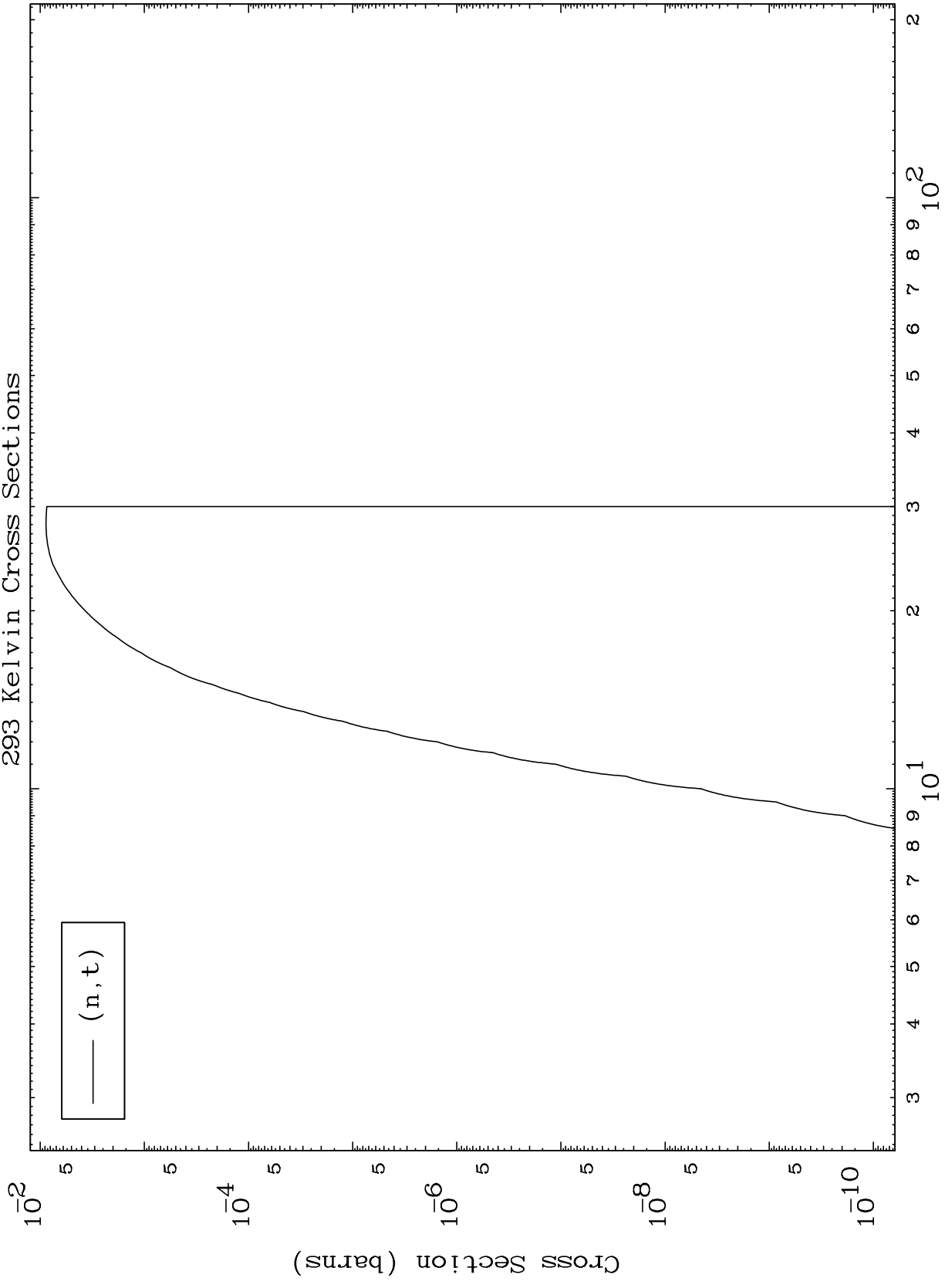
Incident Energy (MeV)

85-At-207

MAT 8537

(n,t) Levels
293 Kelvin Cross Sections

85-At-207



12

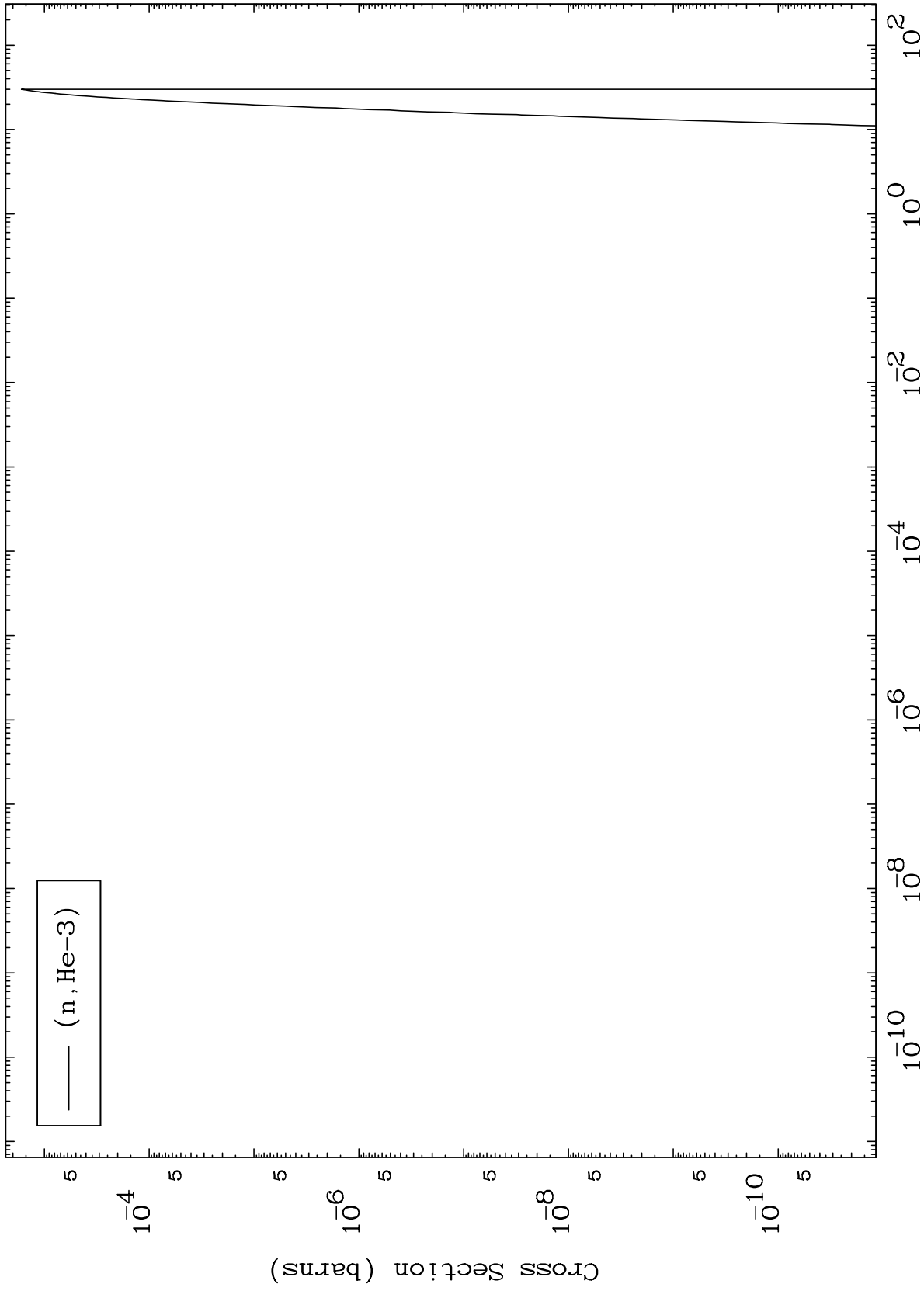
Incident Energy (MeV)

85-At-207

MAT 8537

(n,He3) Levels
293 Kelvin Cross Sections

85-At-207



13

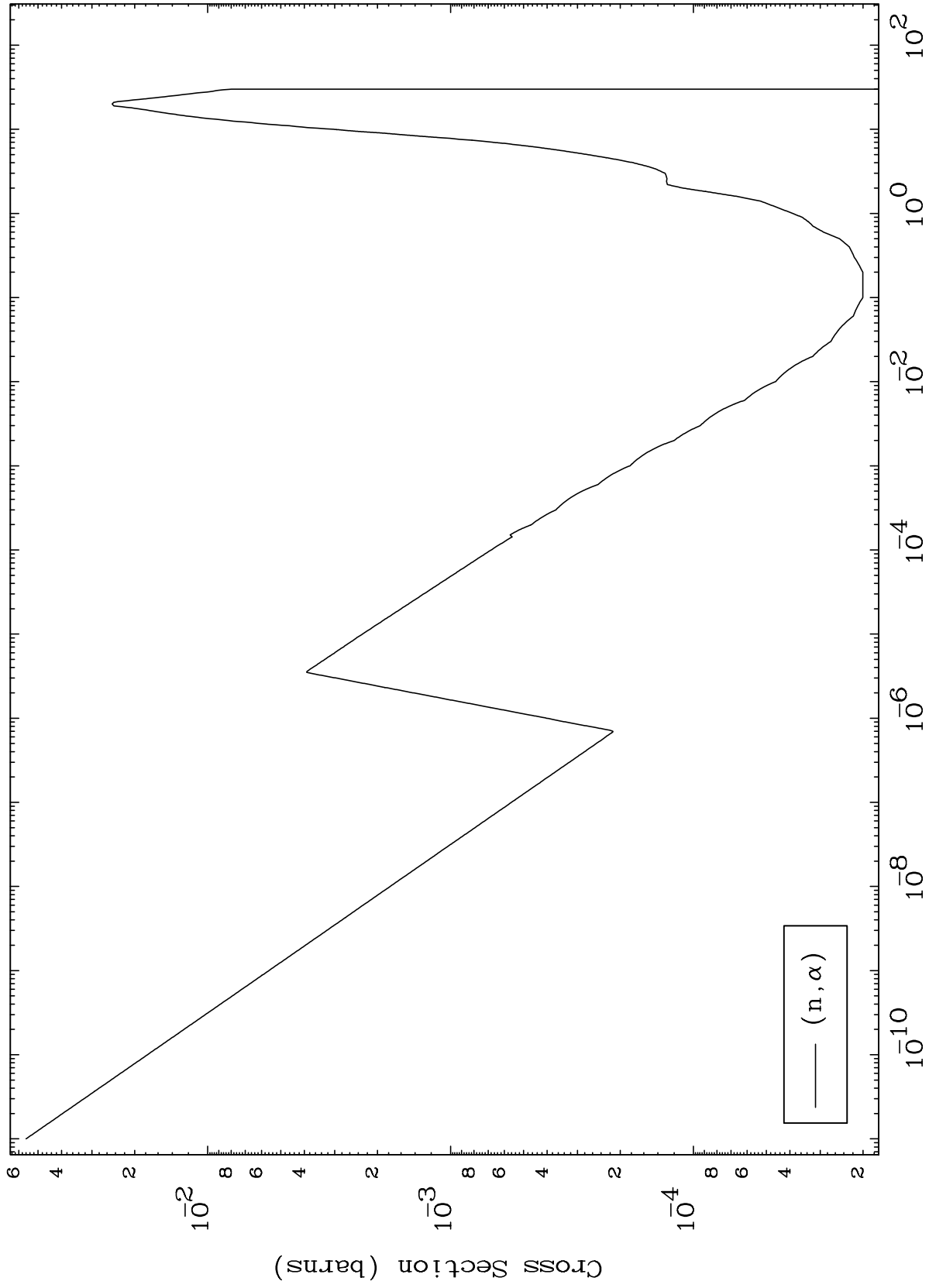
Incident Energy (MeV)

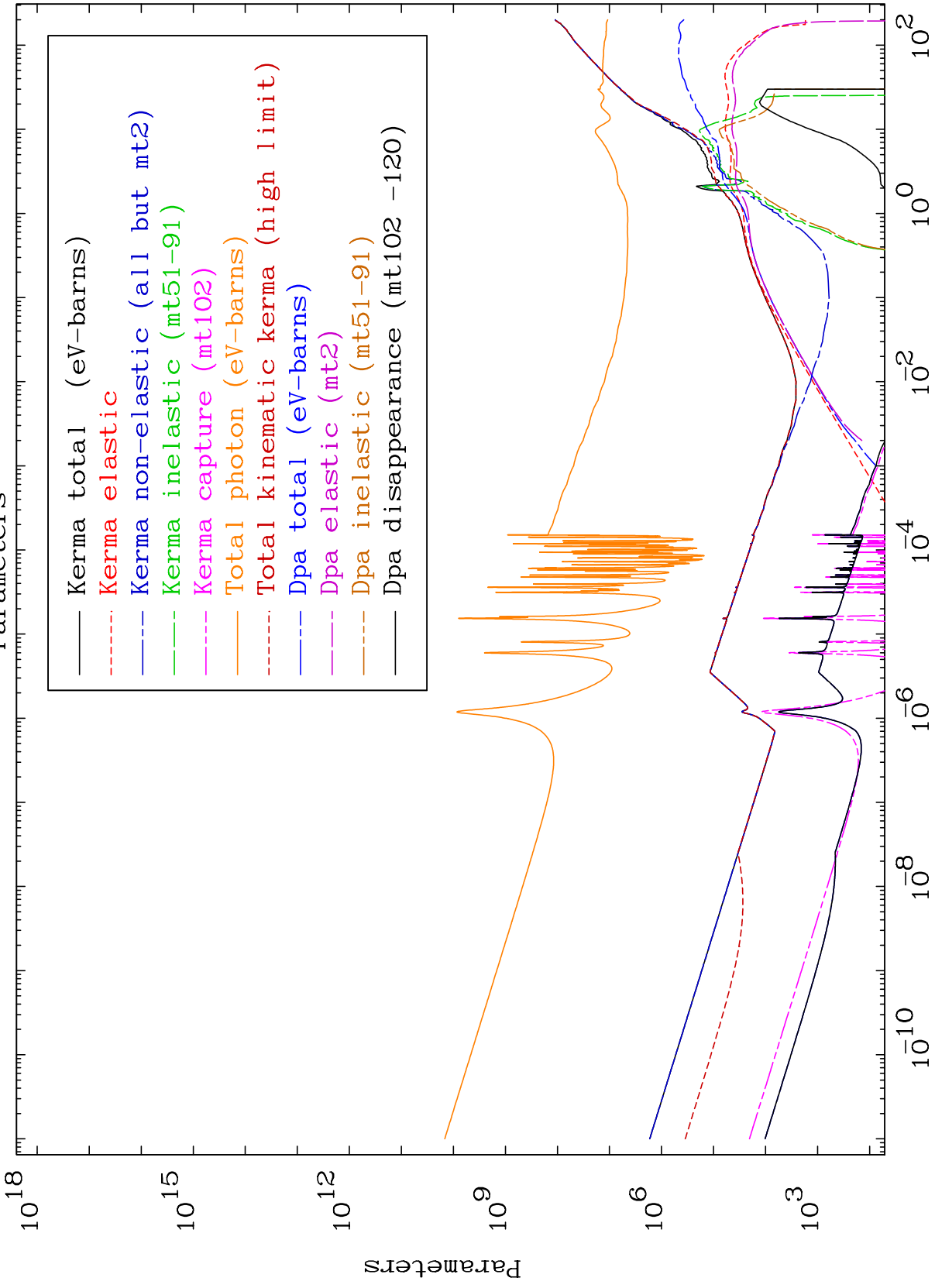
85-At-207

MAT 8537

(n, α) Levels
293 Kelvin Cross Sections

85-At-207

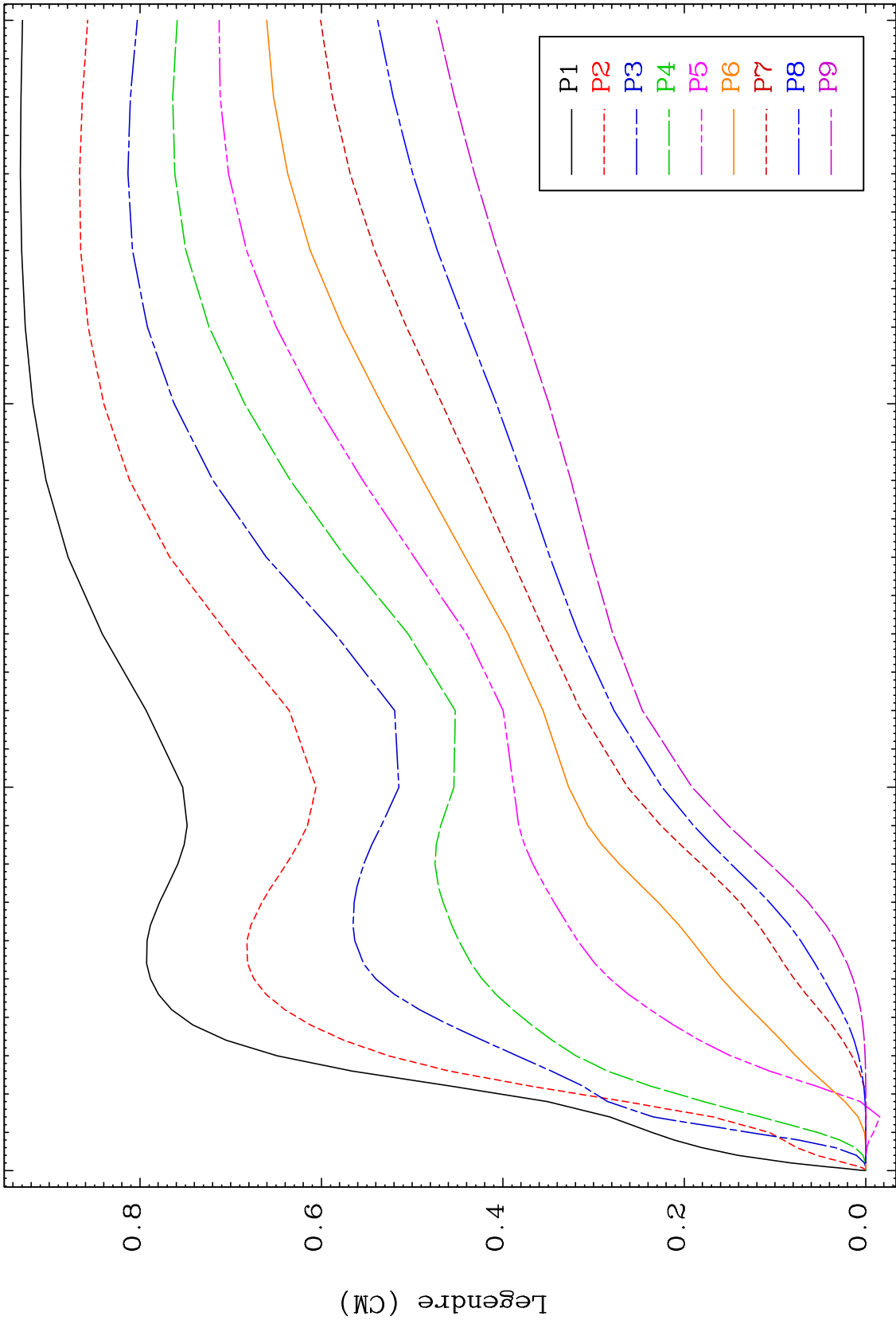




MAT 8537

Elastic Legendre Coefficients

85-At-207



0

0.0

0.2

0.4

0.6

0.8

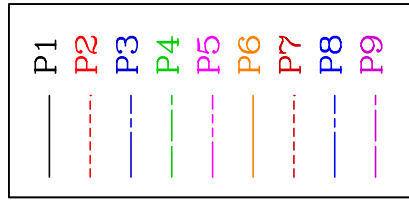
Incident Energy (MeV)

10

20

30

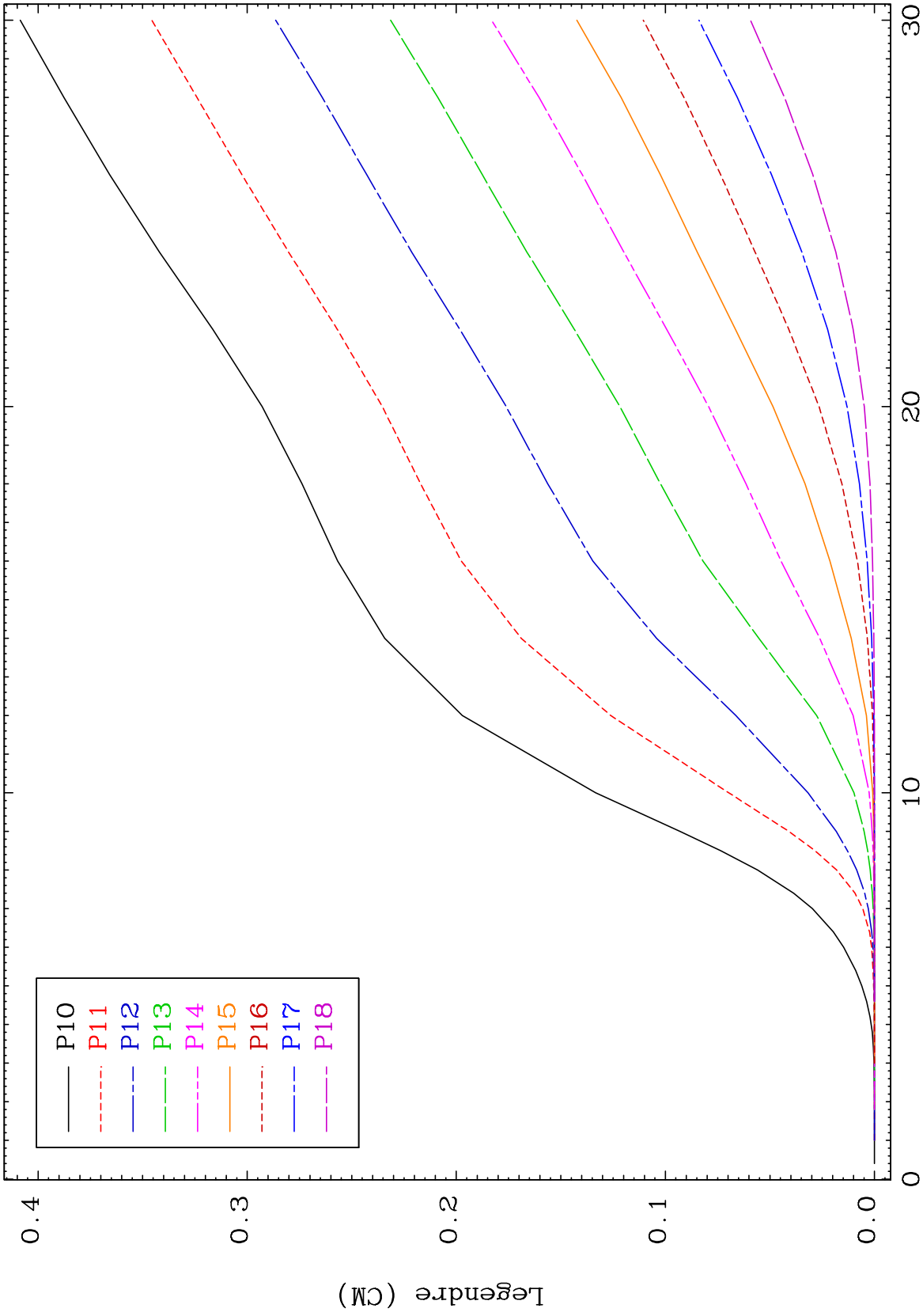
85-At-207



MAT 8537

Elastic Legendre Coefficients

85-At-207



17

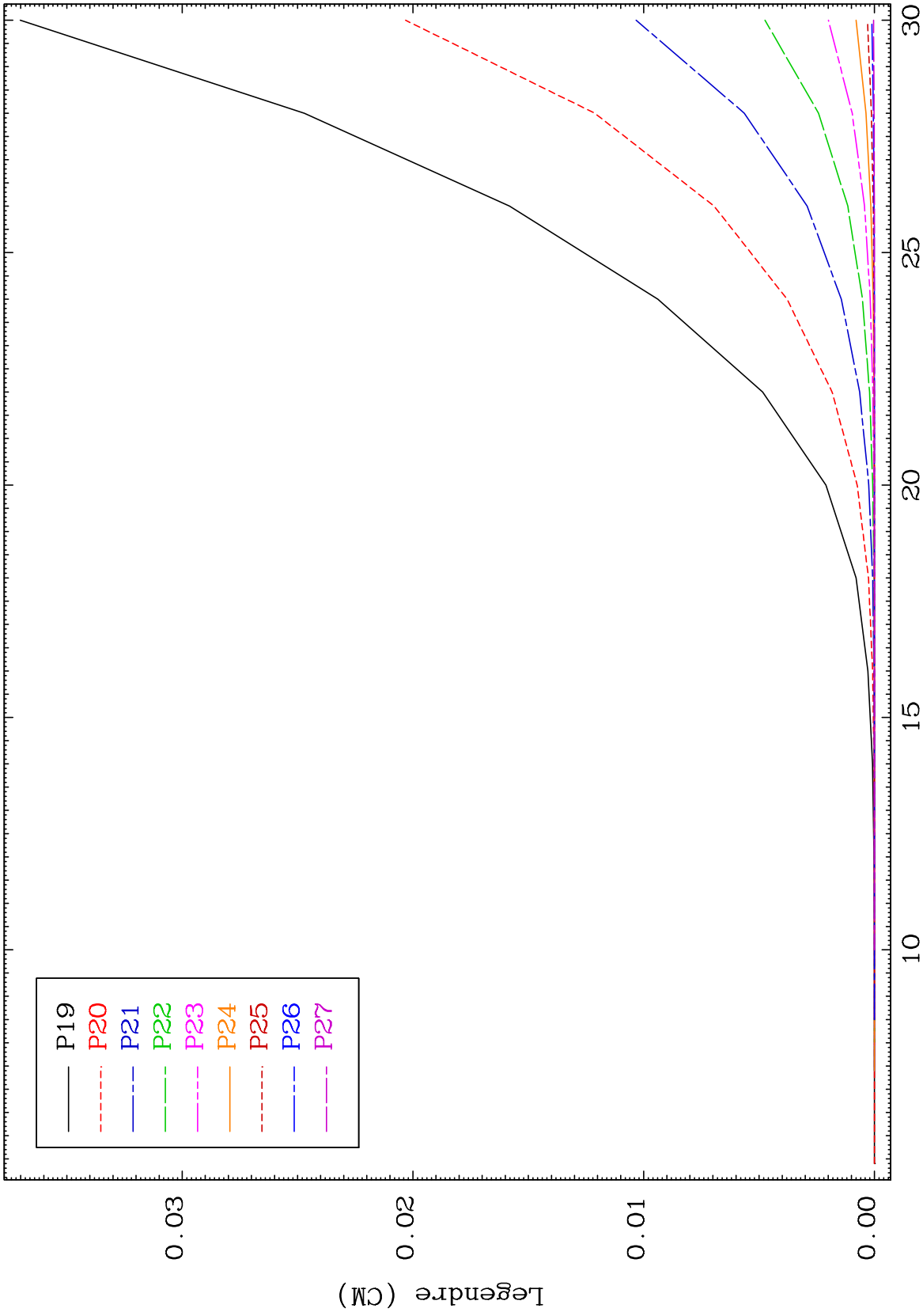
Incident Energy (MeV)

85-At-207

MAT 8537

Elastic Legendre Coefficients

85-At-207



18

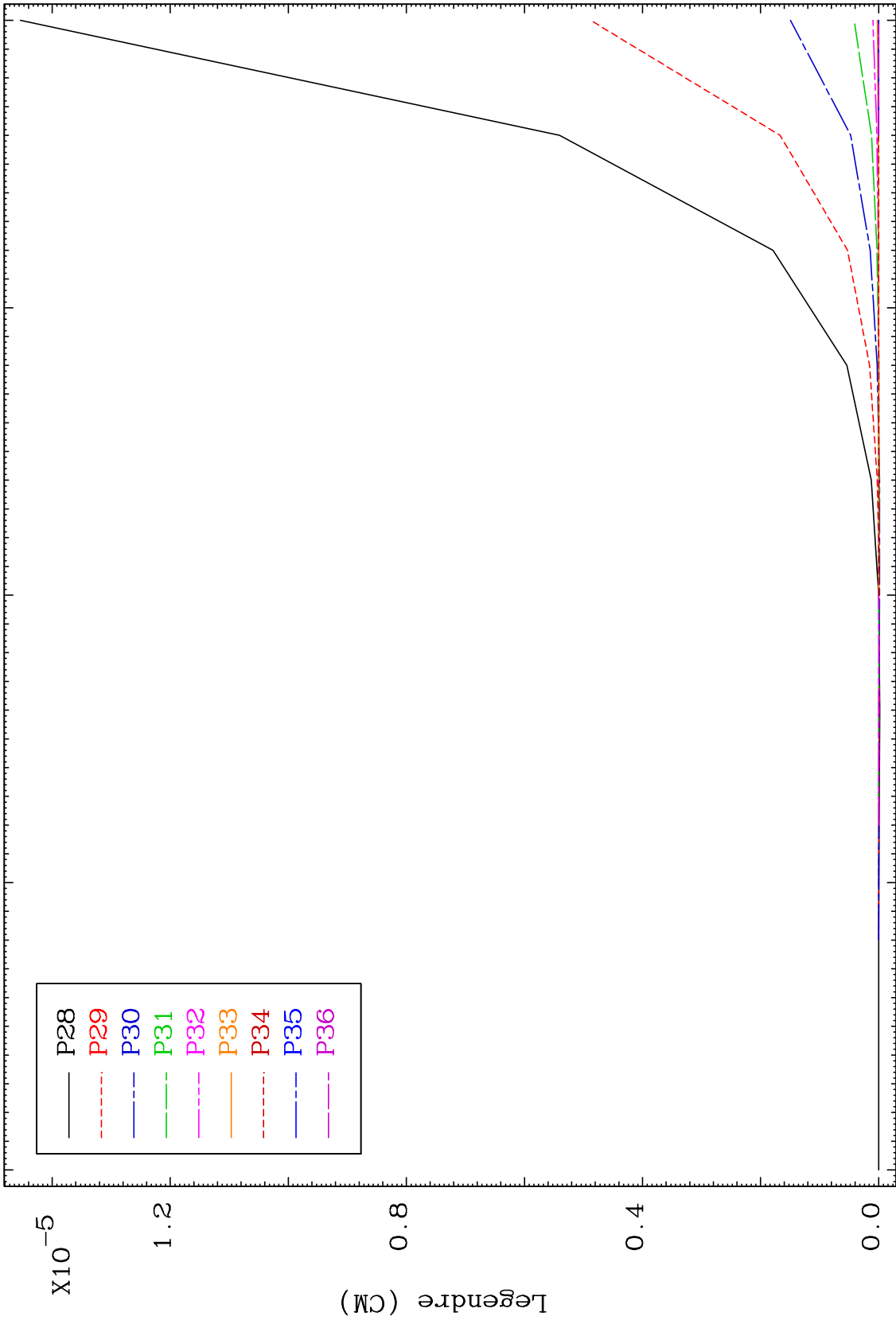
Incident Energy (MeV)

85-At-207

MAT 8537

Elastic Legendre Coefficients

85-At-207



19

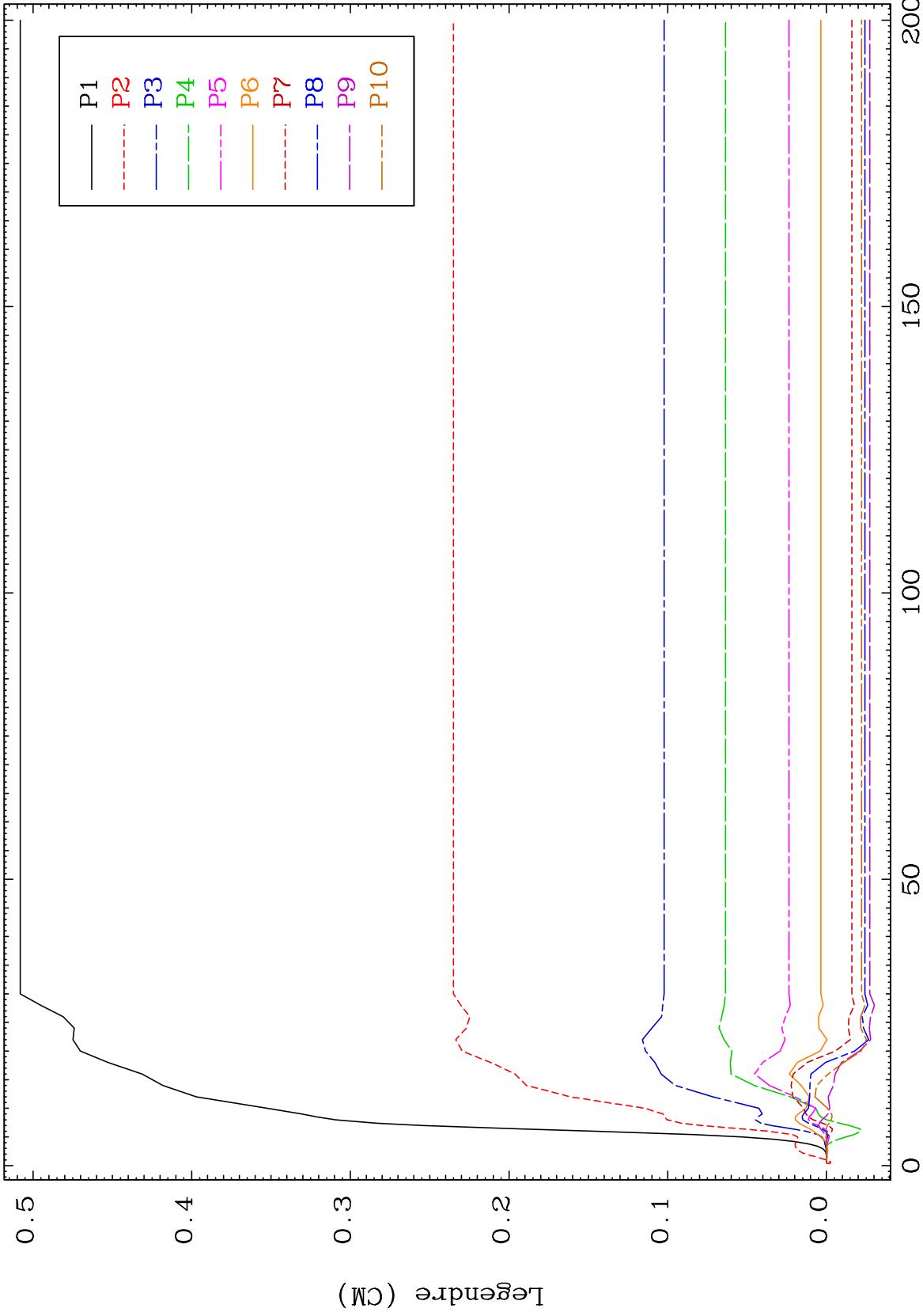
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



20

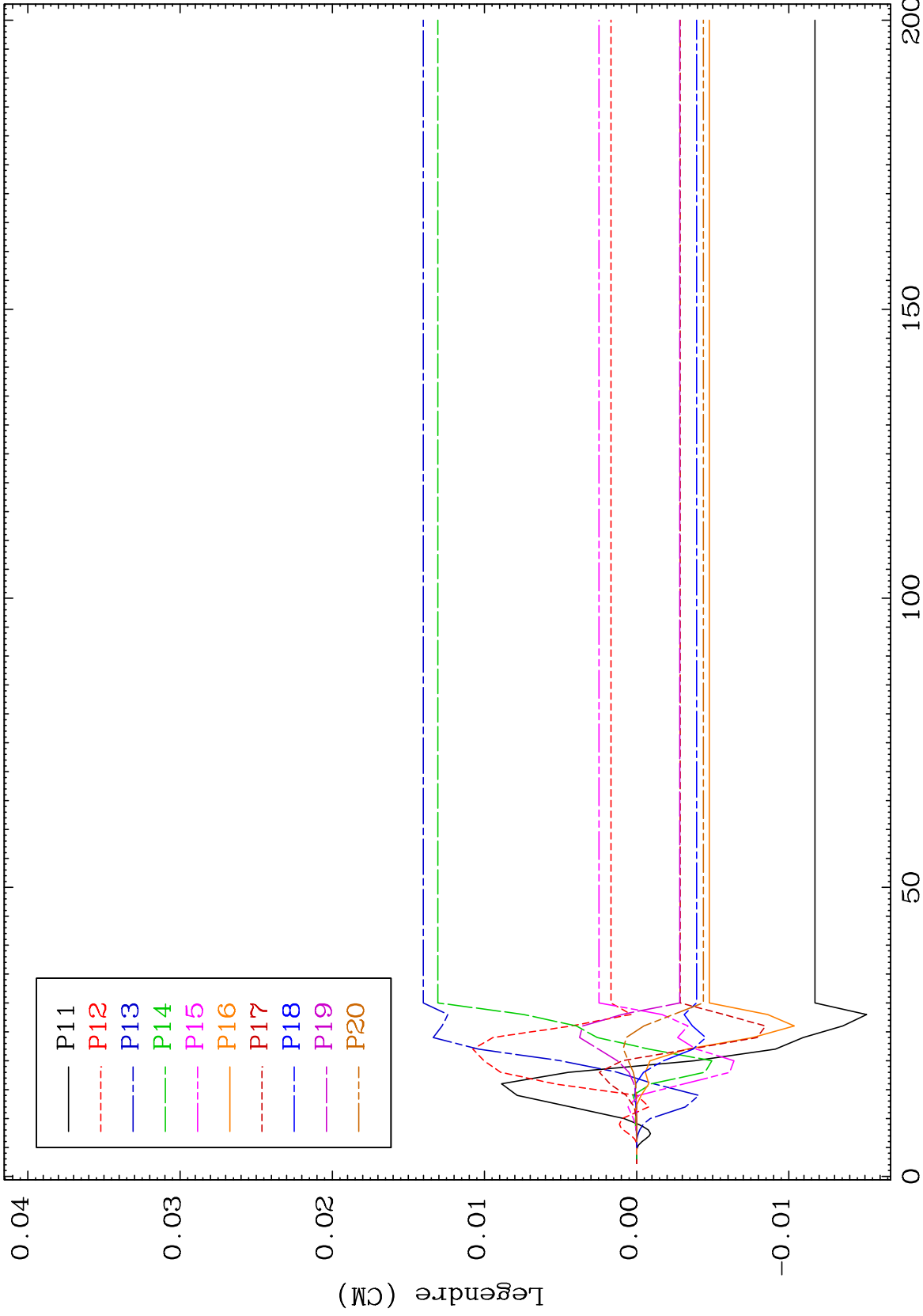
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



21

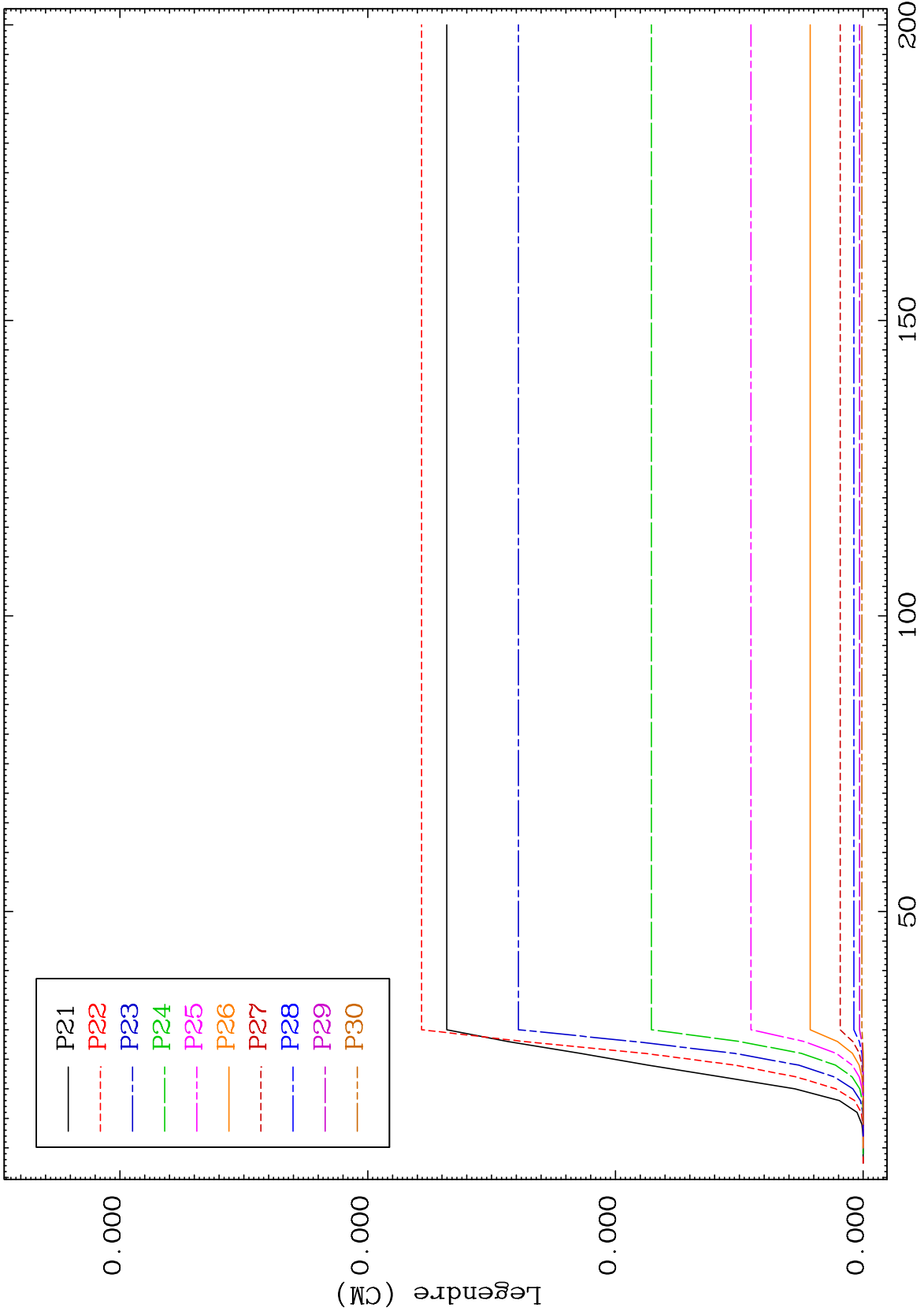
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



22

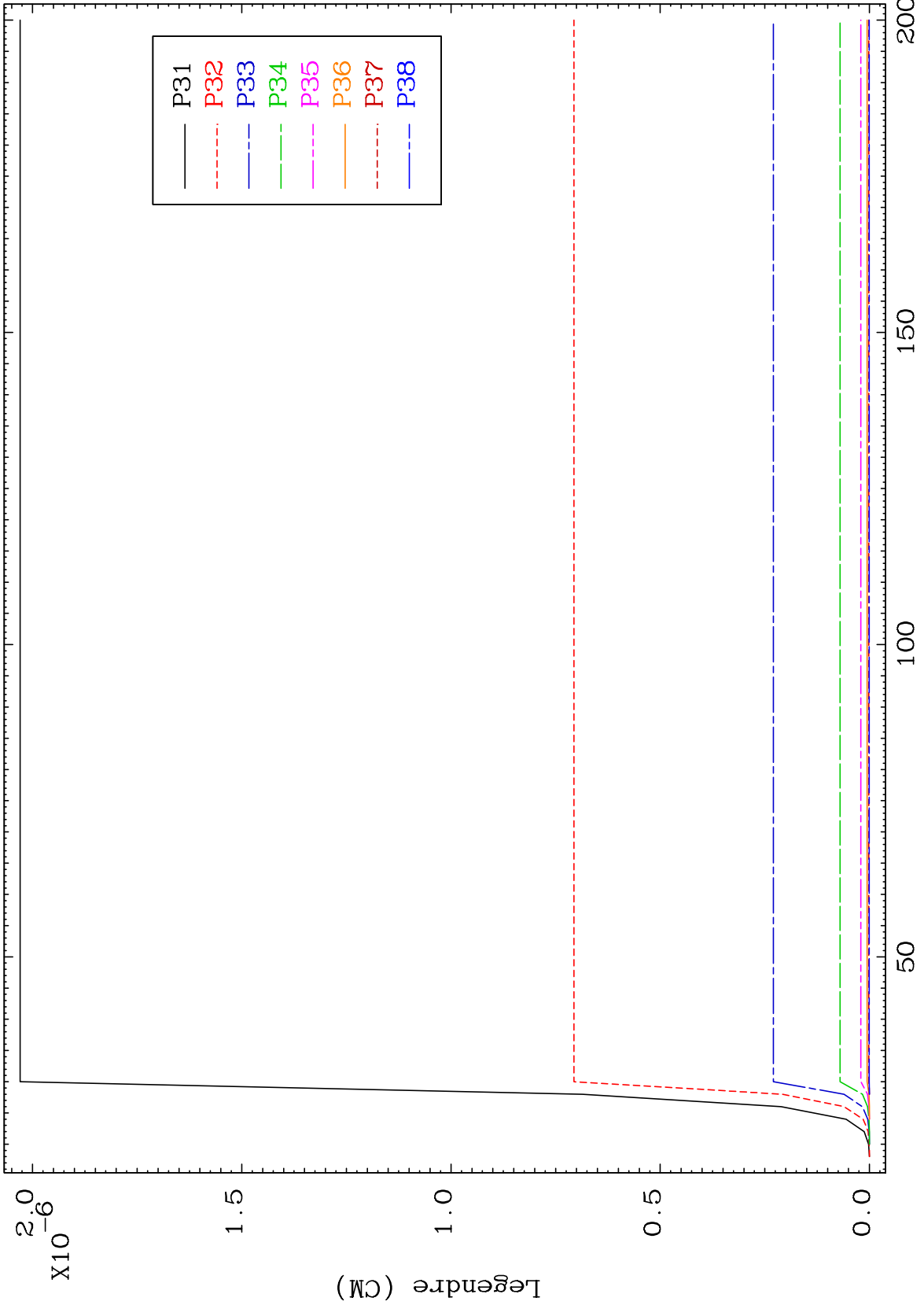
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



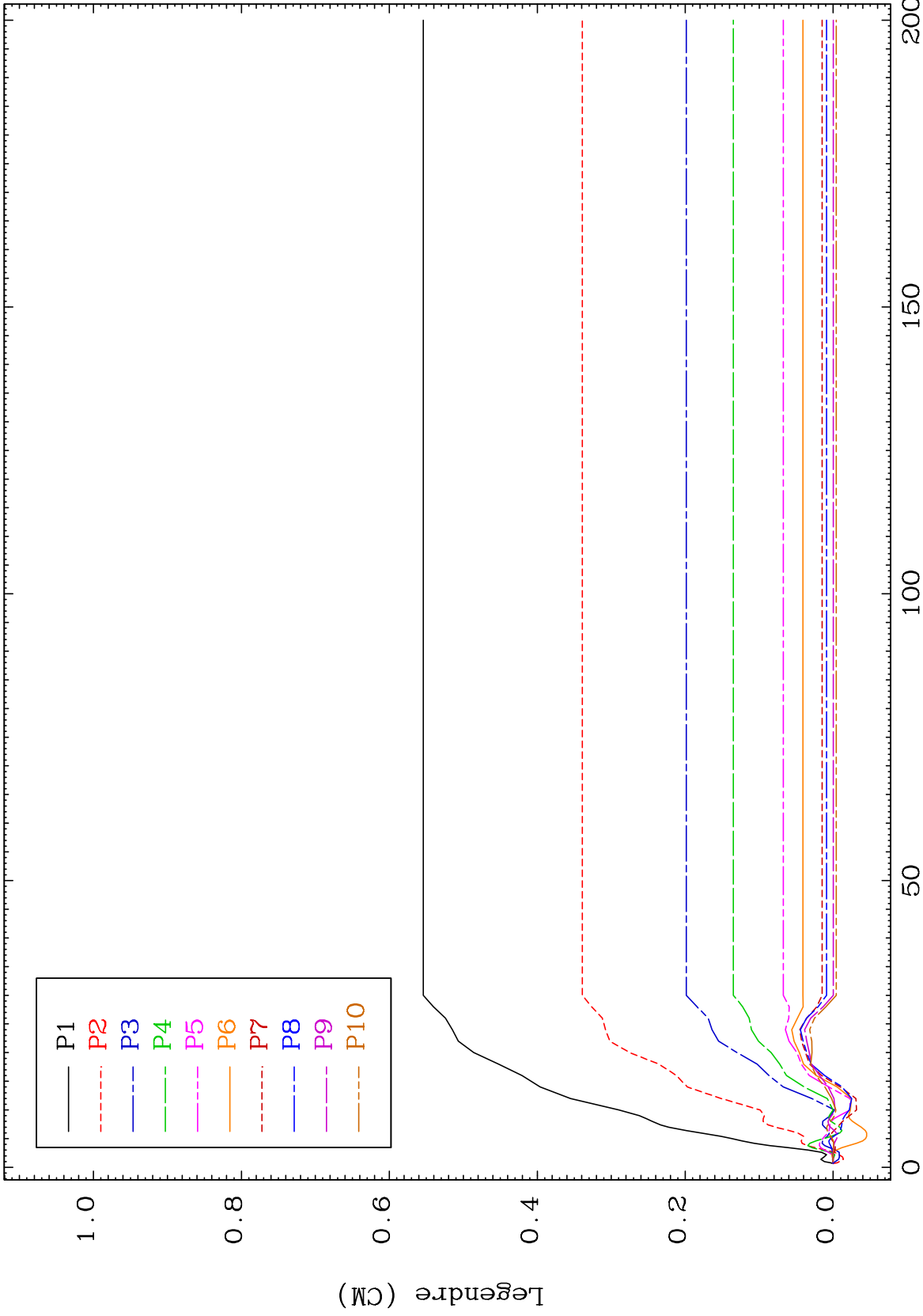
23

85-At-207

MAT 8537

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

85-At-207



24

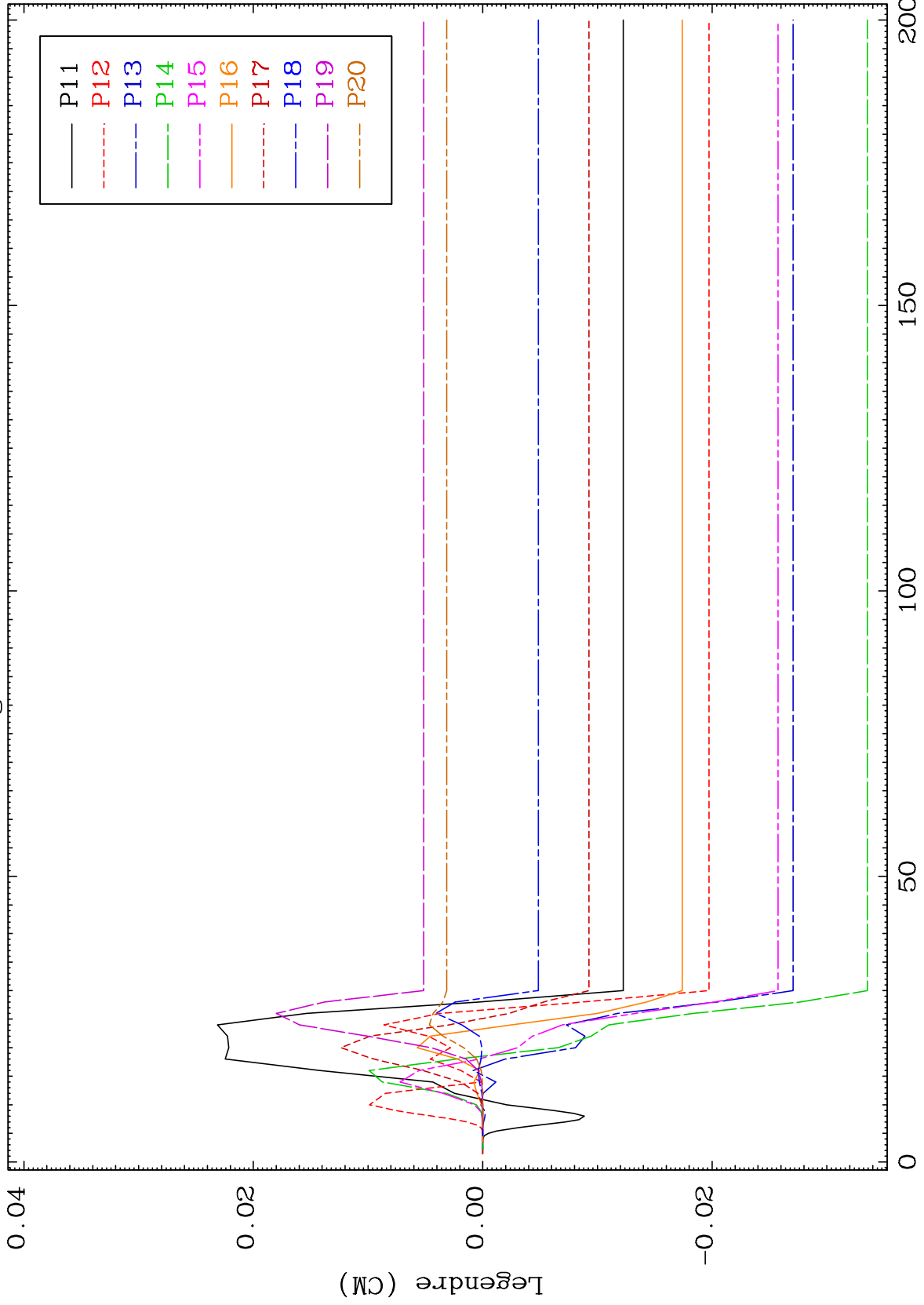
Incident Energy (MeV)

85-At-207

MAT 8537

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

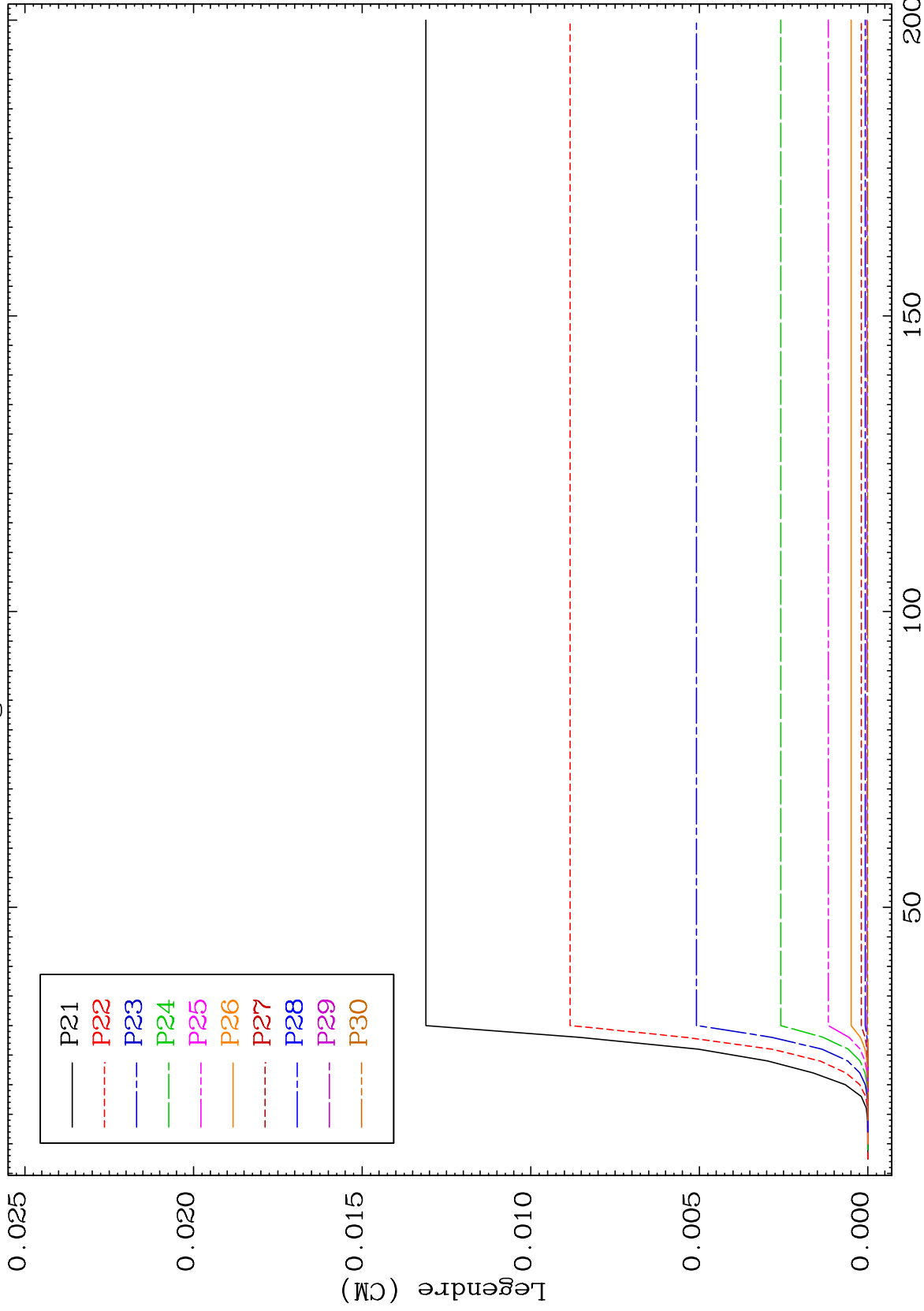
85-At-207



25

Incident Energy (MeV)

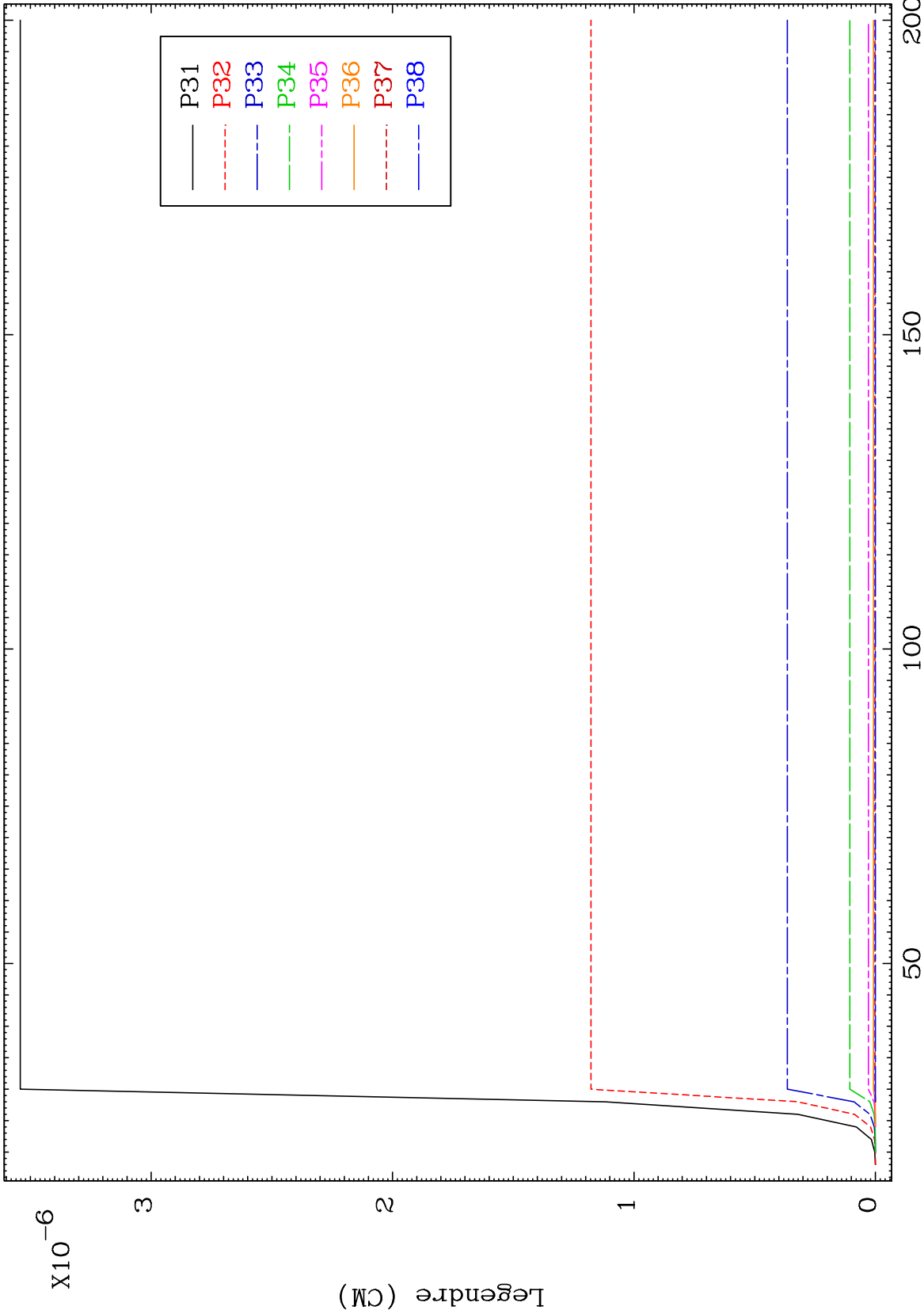
85-At-207



MAT 8537

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

85-At-207



27

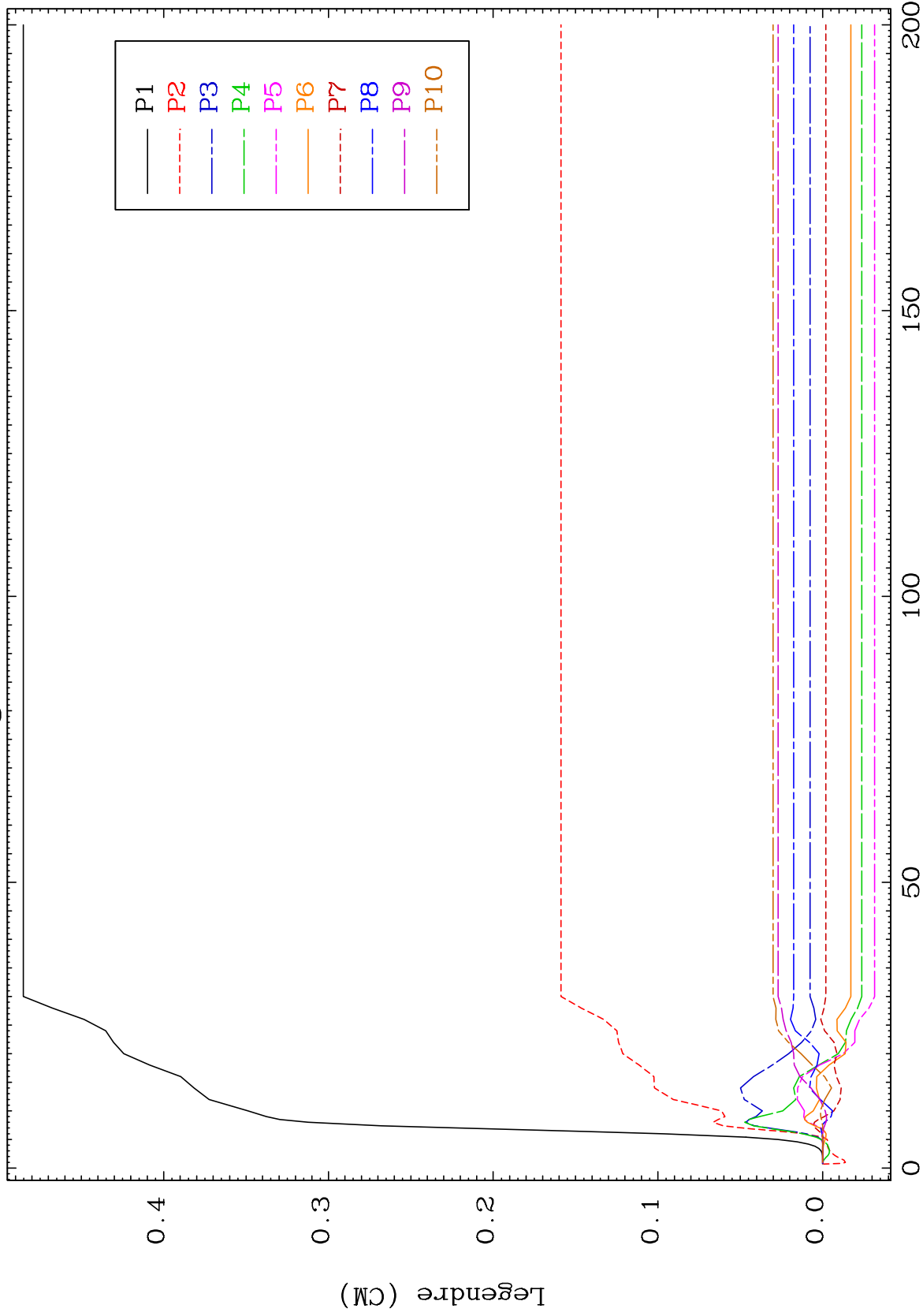
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



28

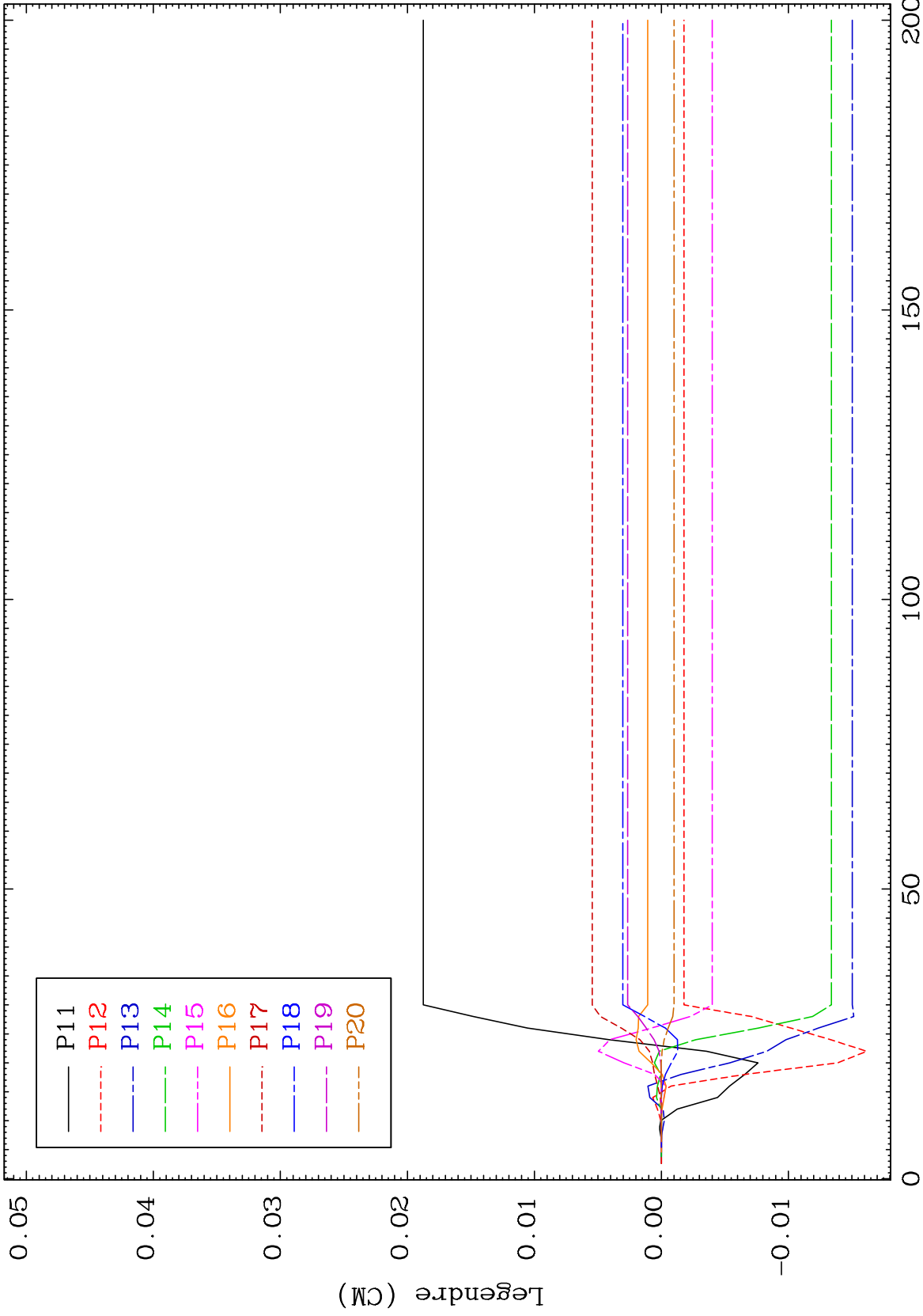
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



29

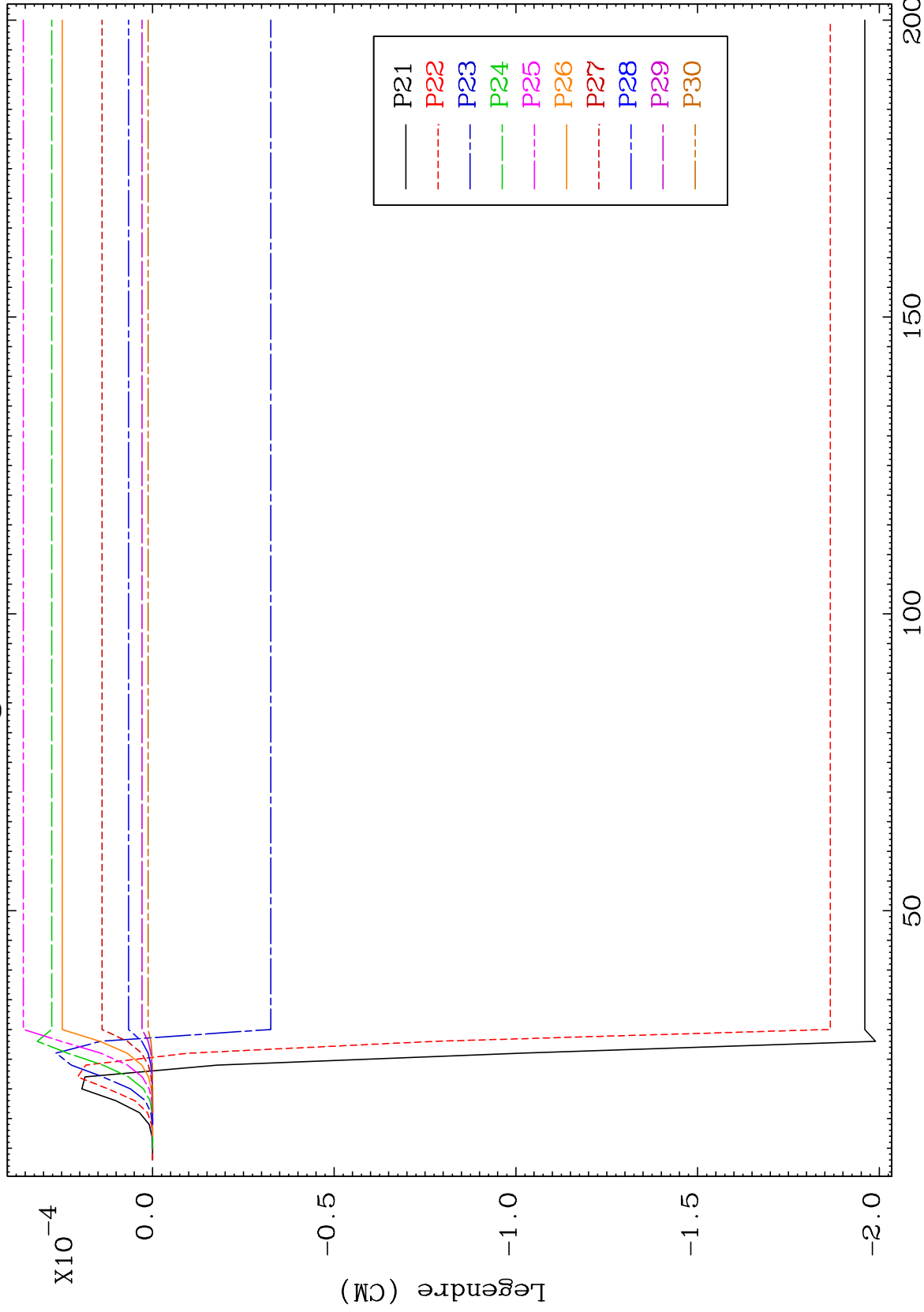
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



30

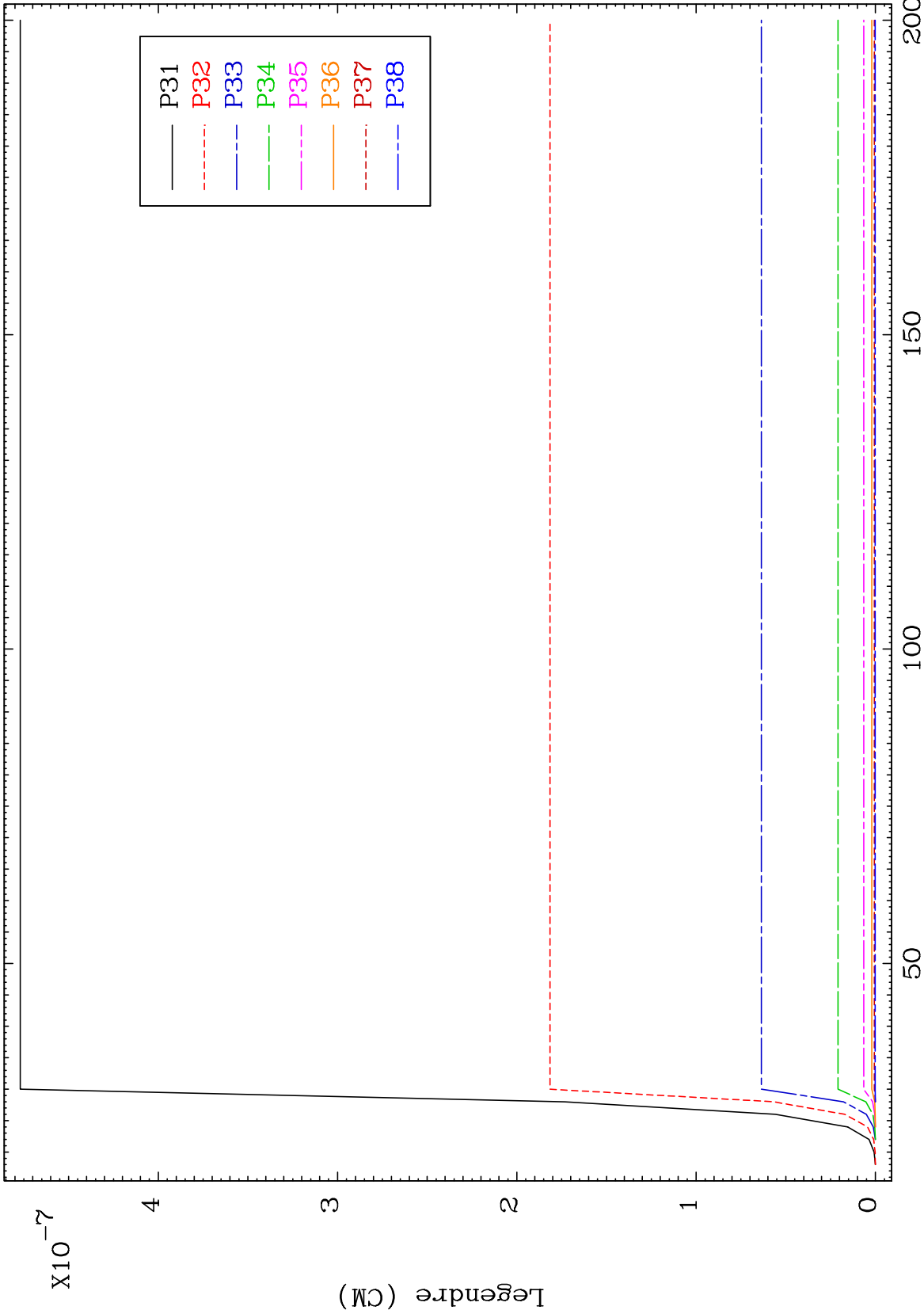
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



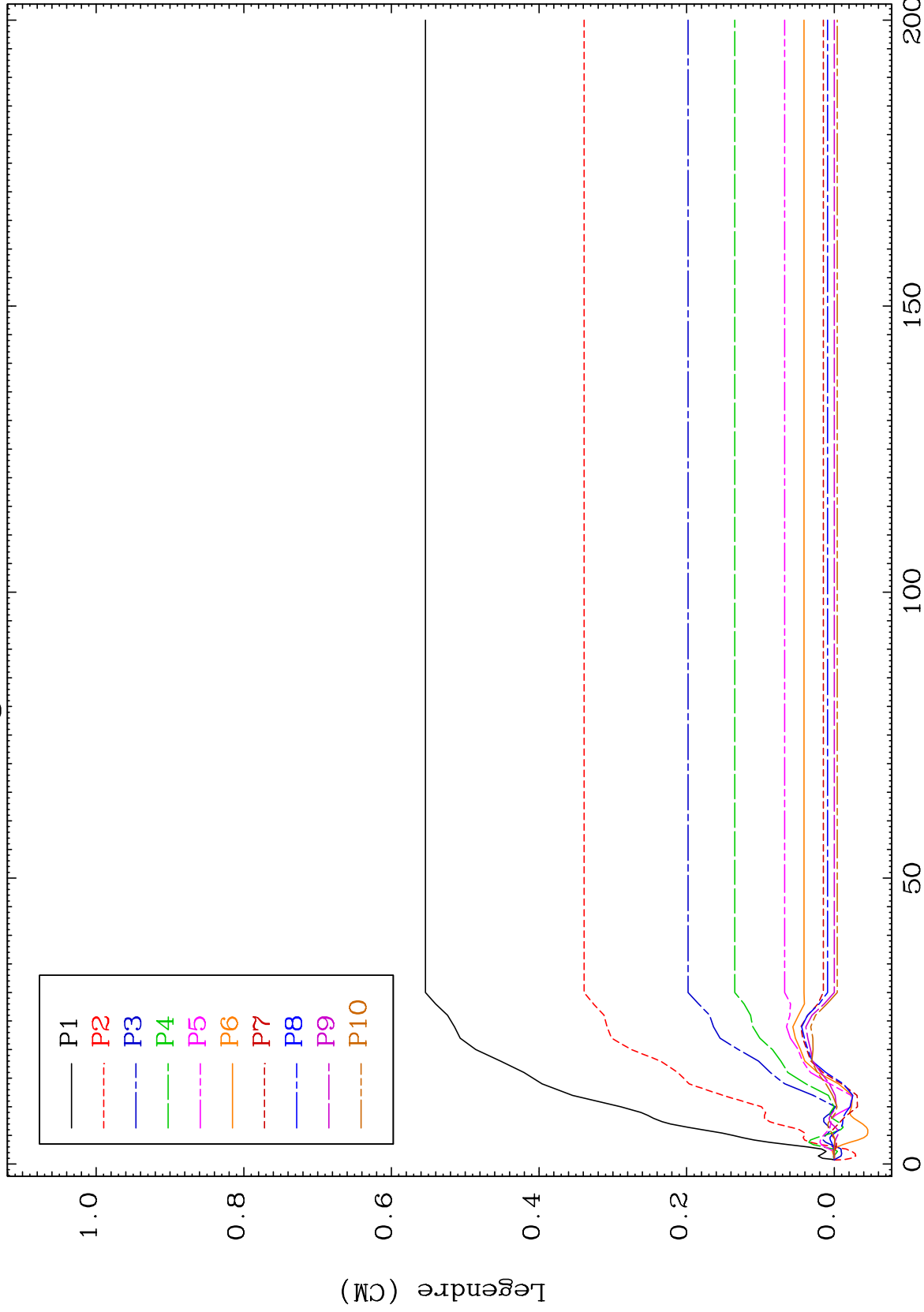
31

85-At-207

MAT 8537

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

85-At-207



32

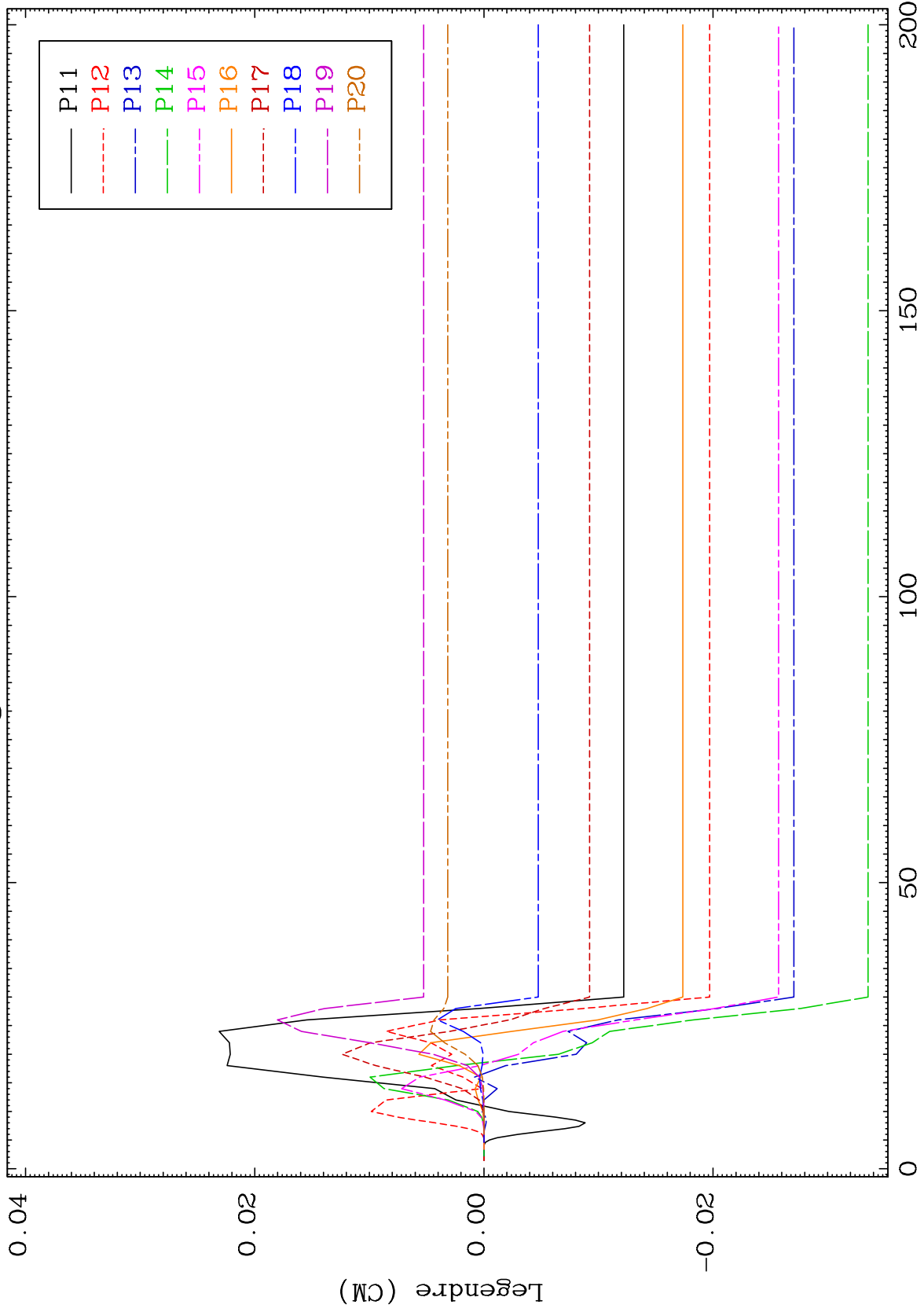
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



33

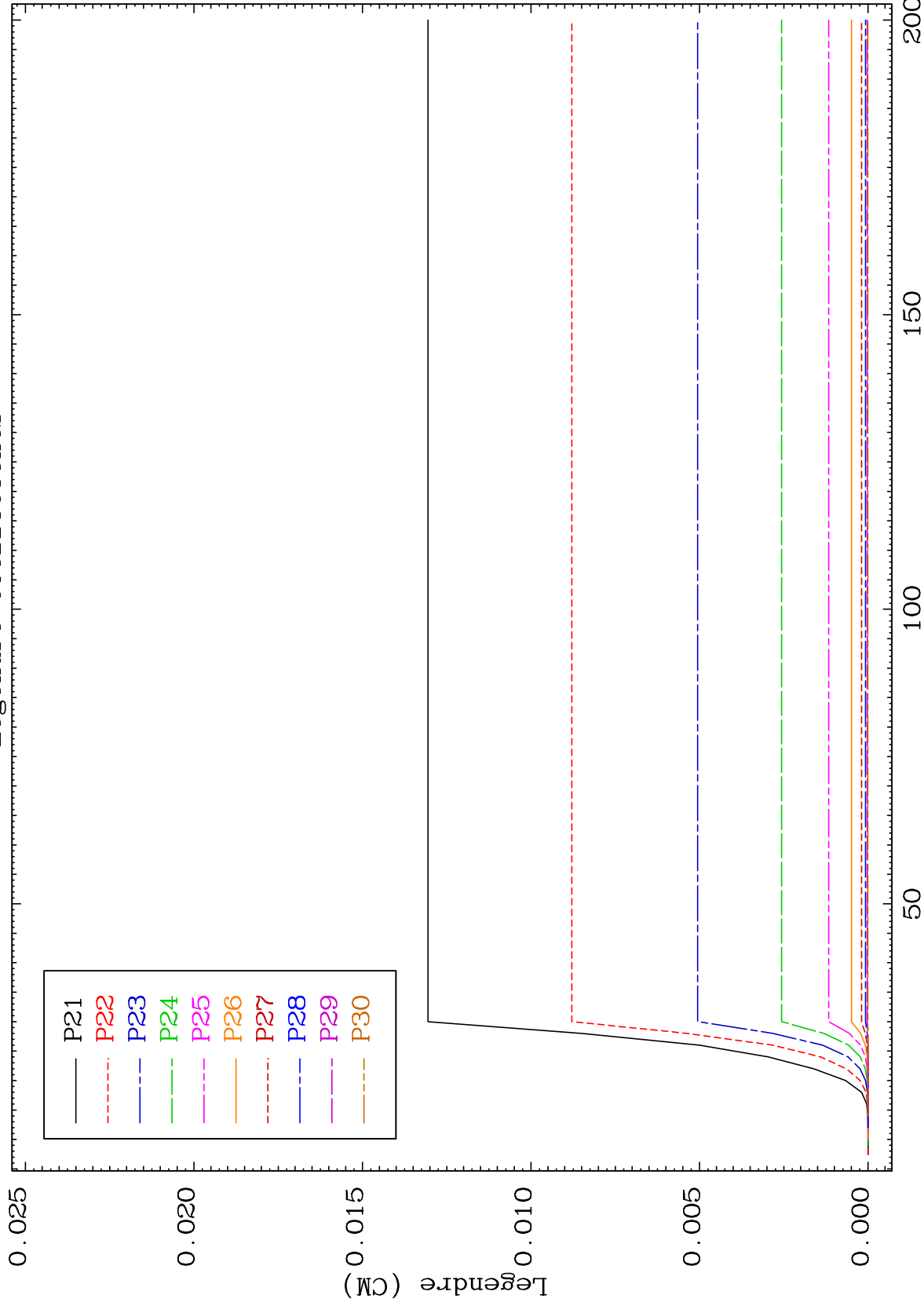
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



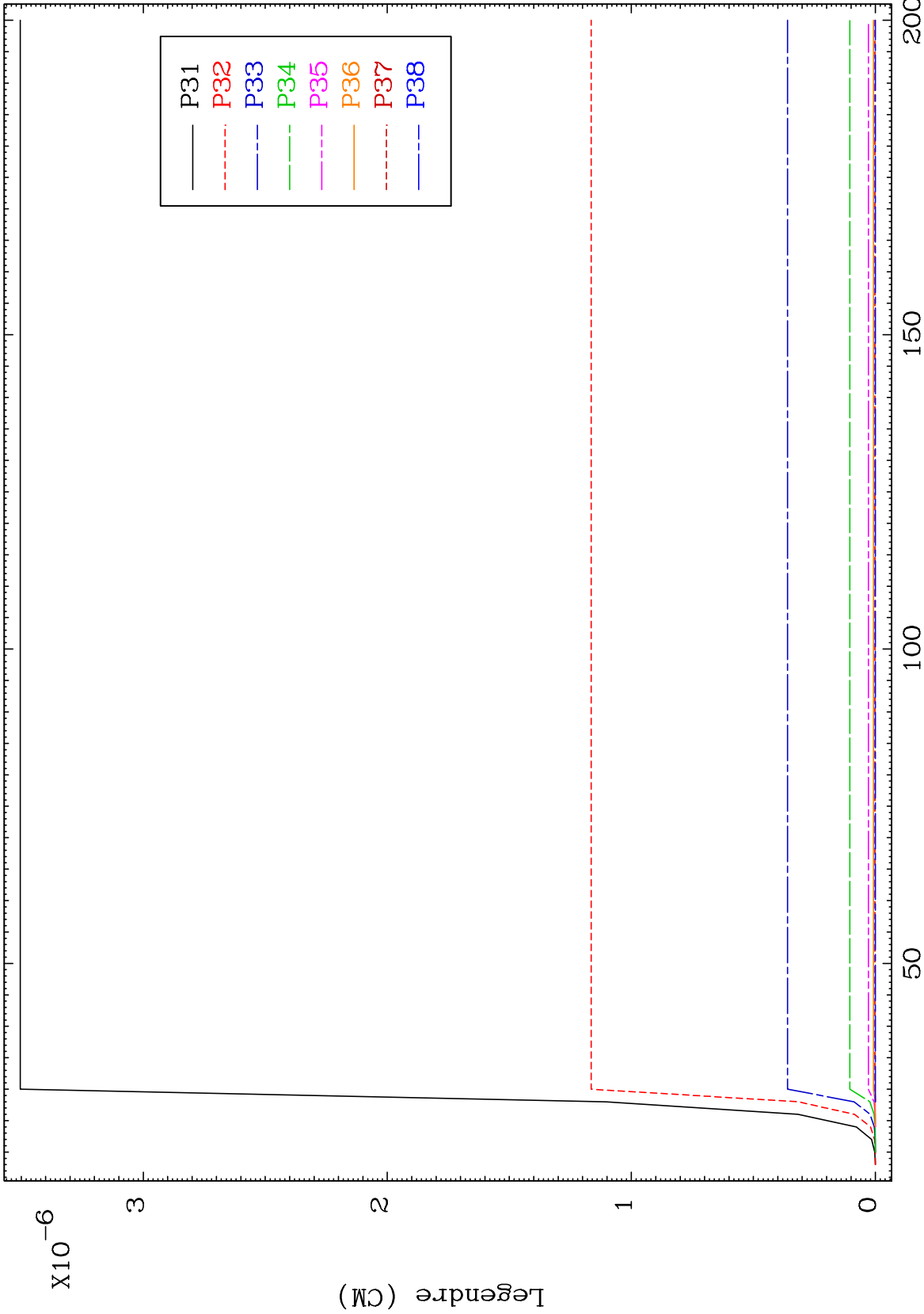
34

85-At-207

MAT 8537

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

85-At-207



35

Incident Energy (MeV)

50

100

150

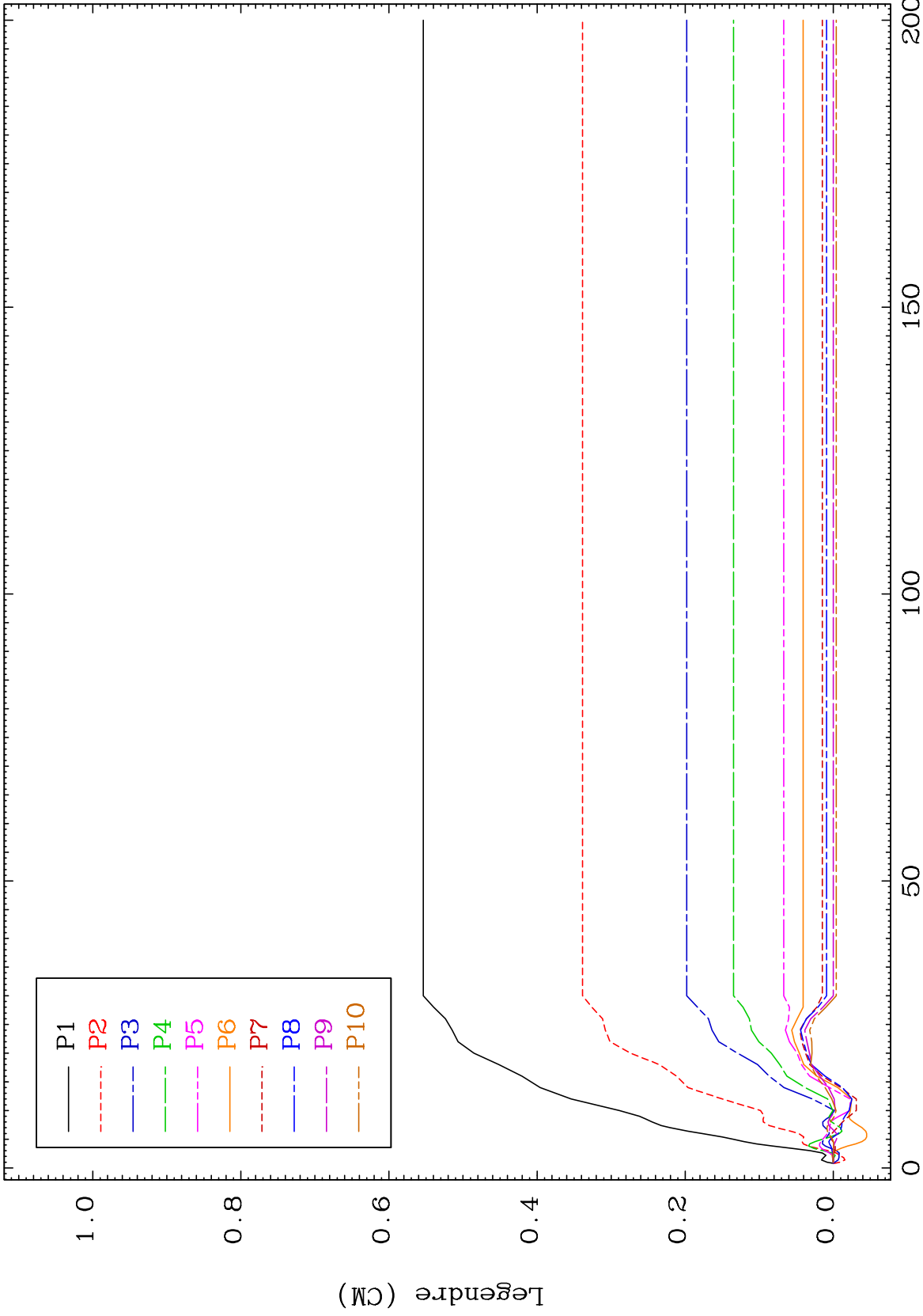
200

85-At-207

MAT 8537

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

85-At-207



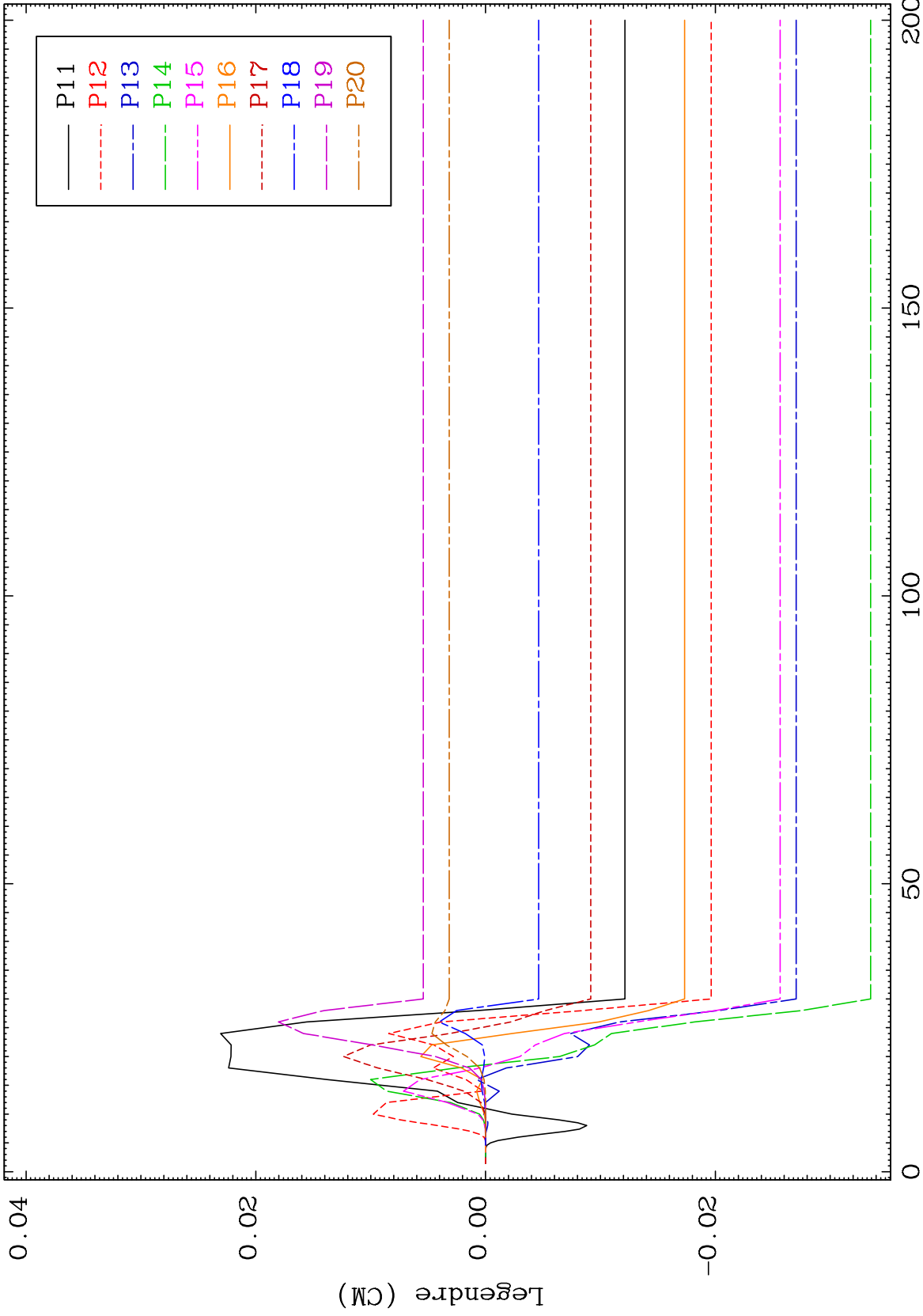
36

85-At-207

MAT 8537

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

85-At-207



37

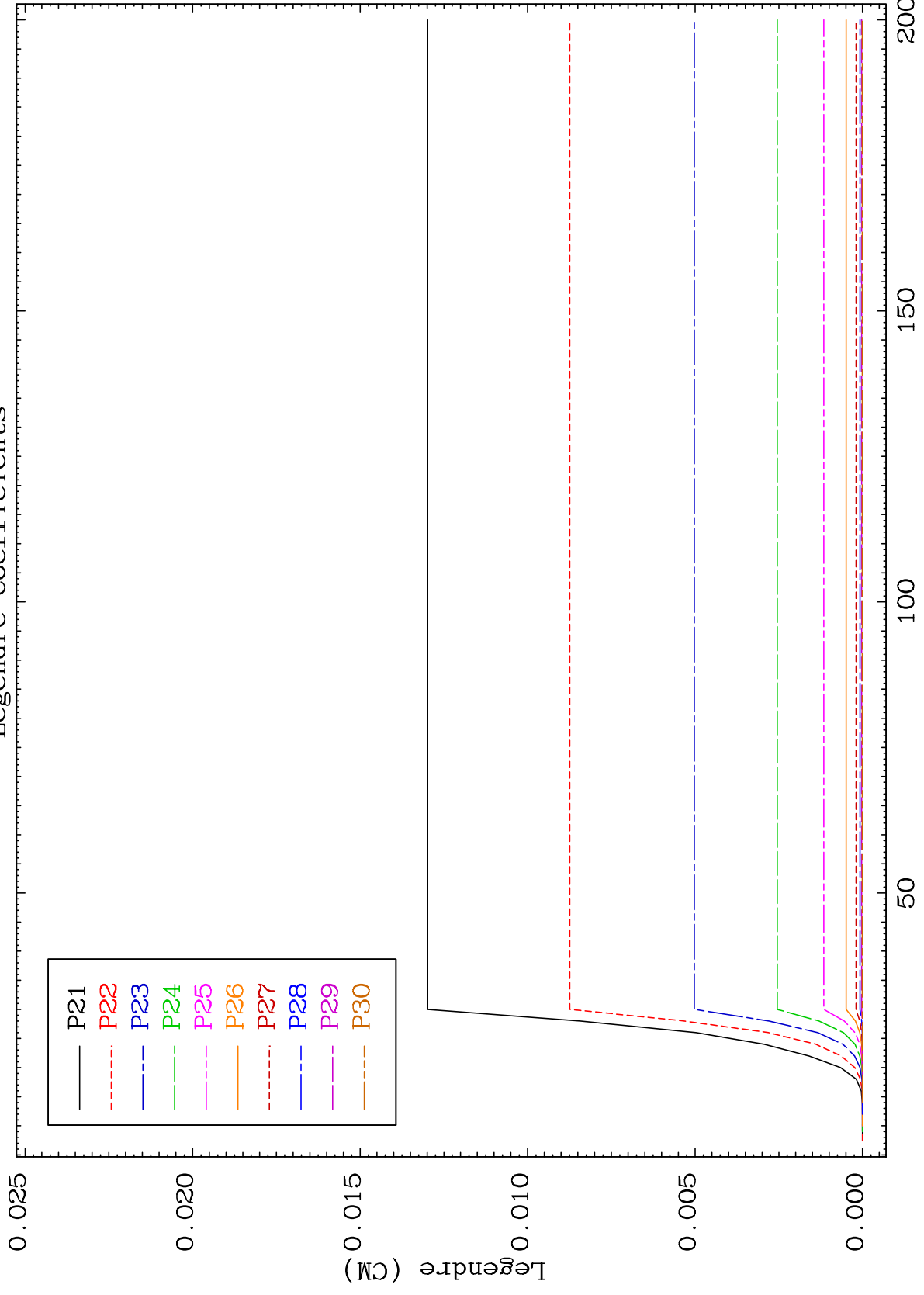
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



38

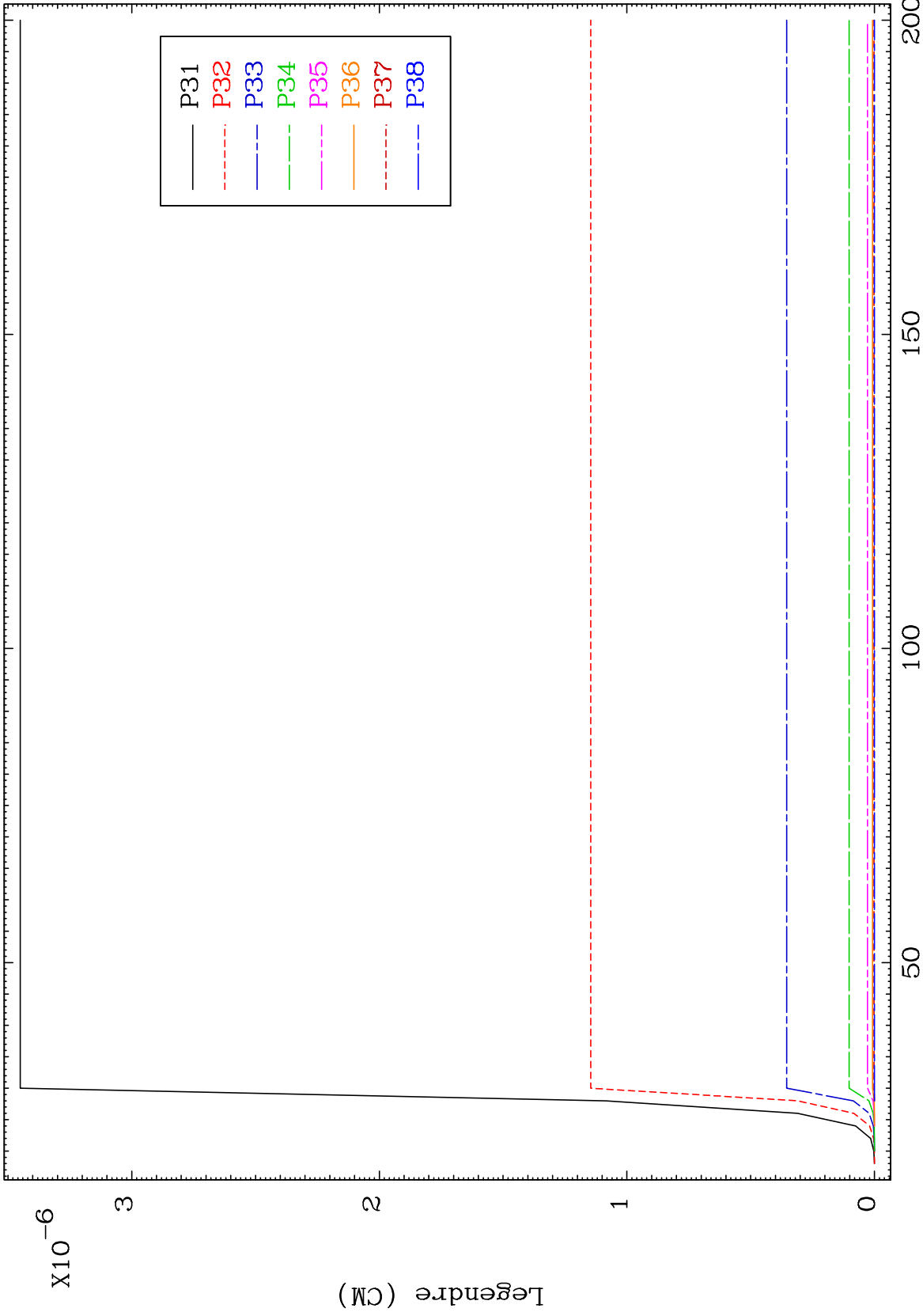
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



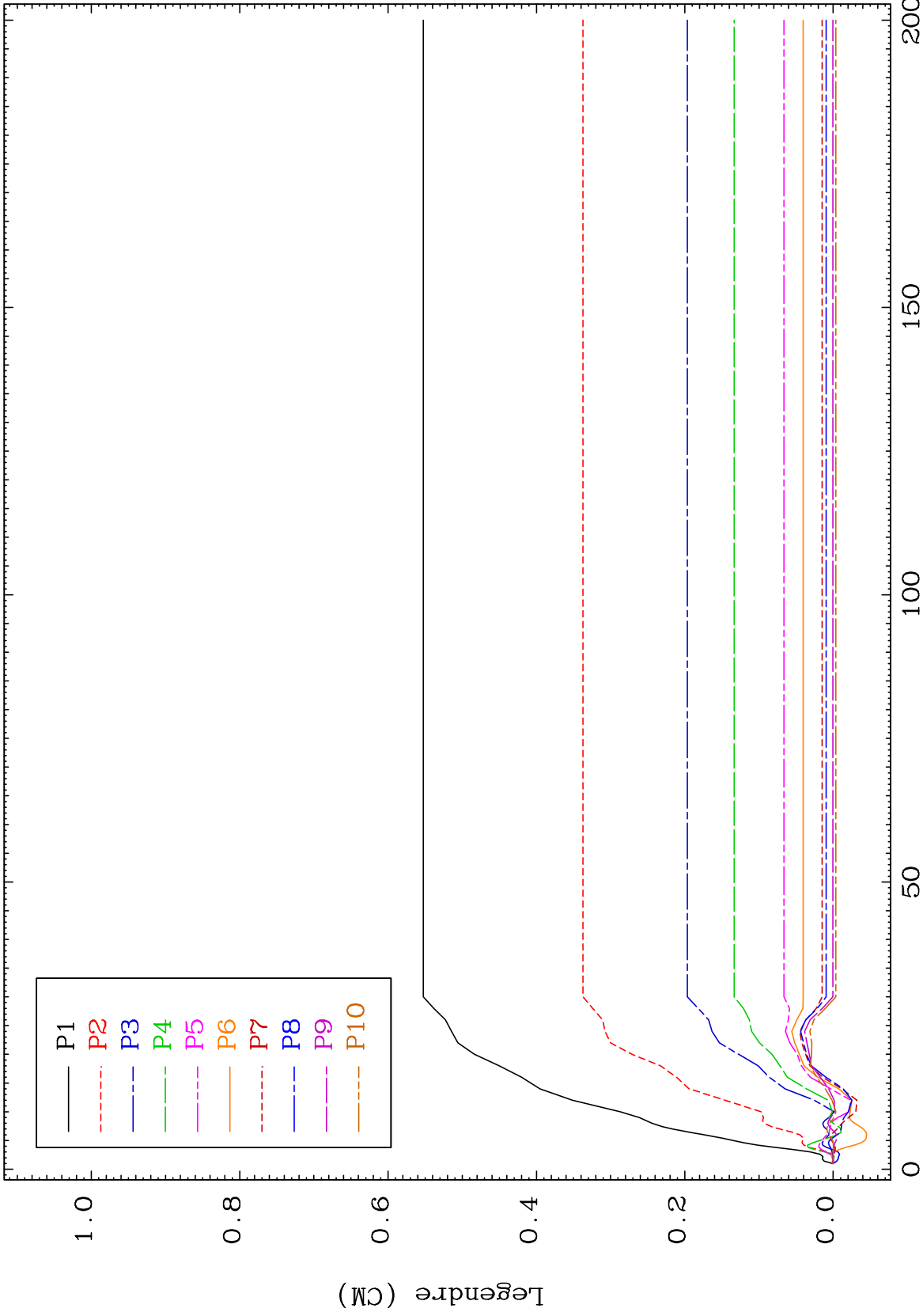
39

85-At-207

MAT 8537

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

85-At-207



40

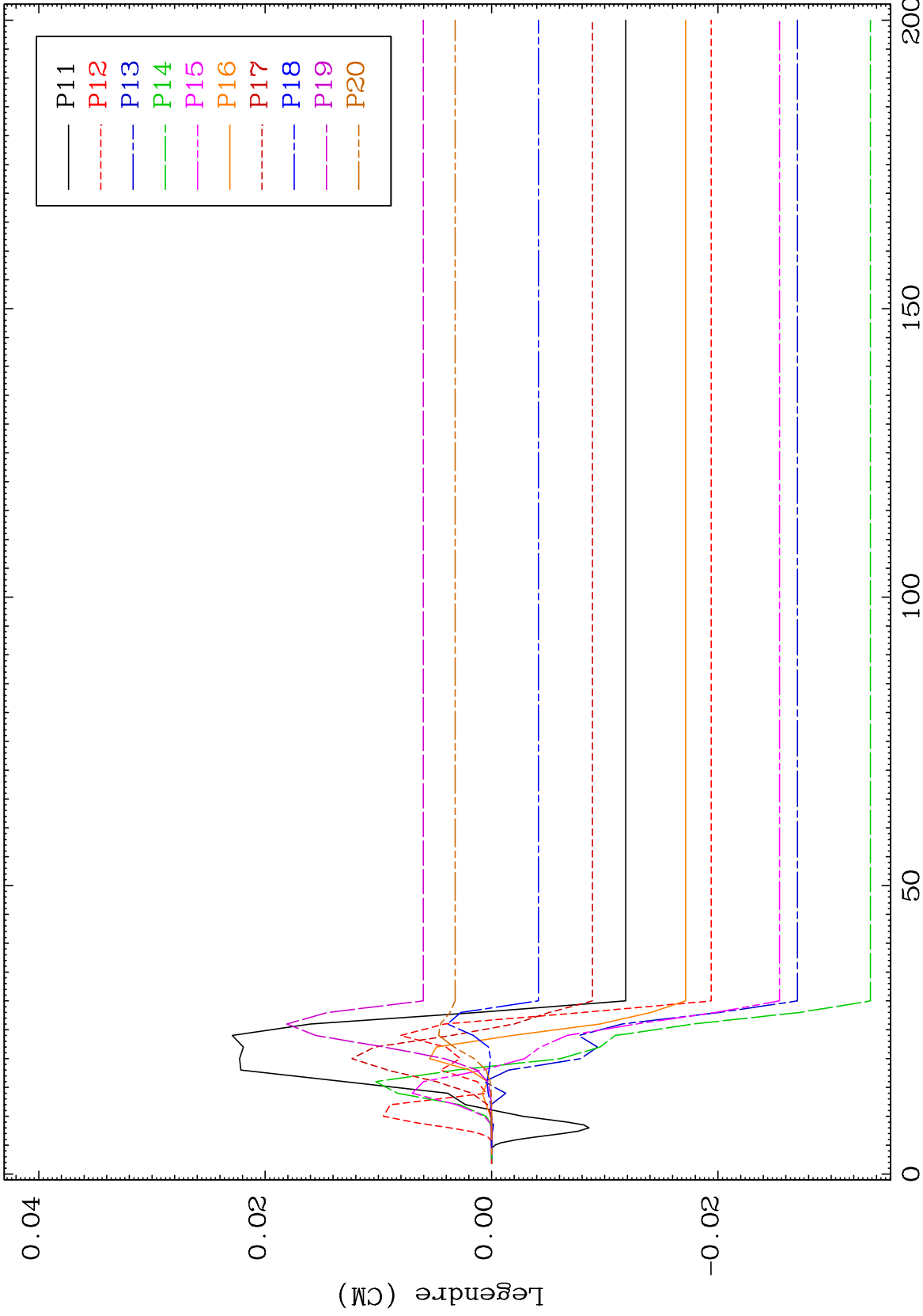
Incident Energy (MeV)

85-At-207

MAT 8537

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

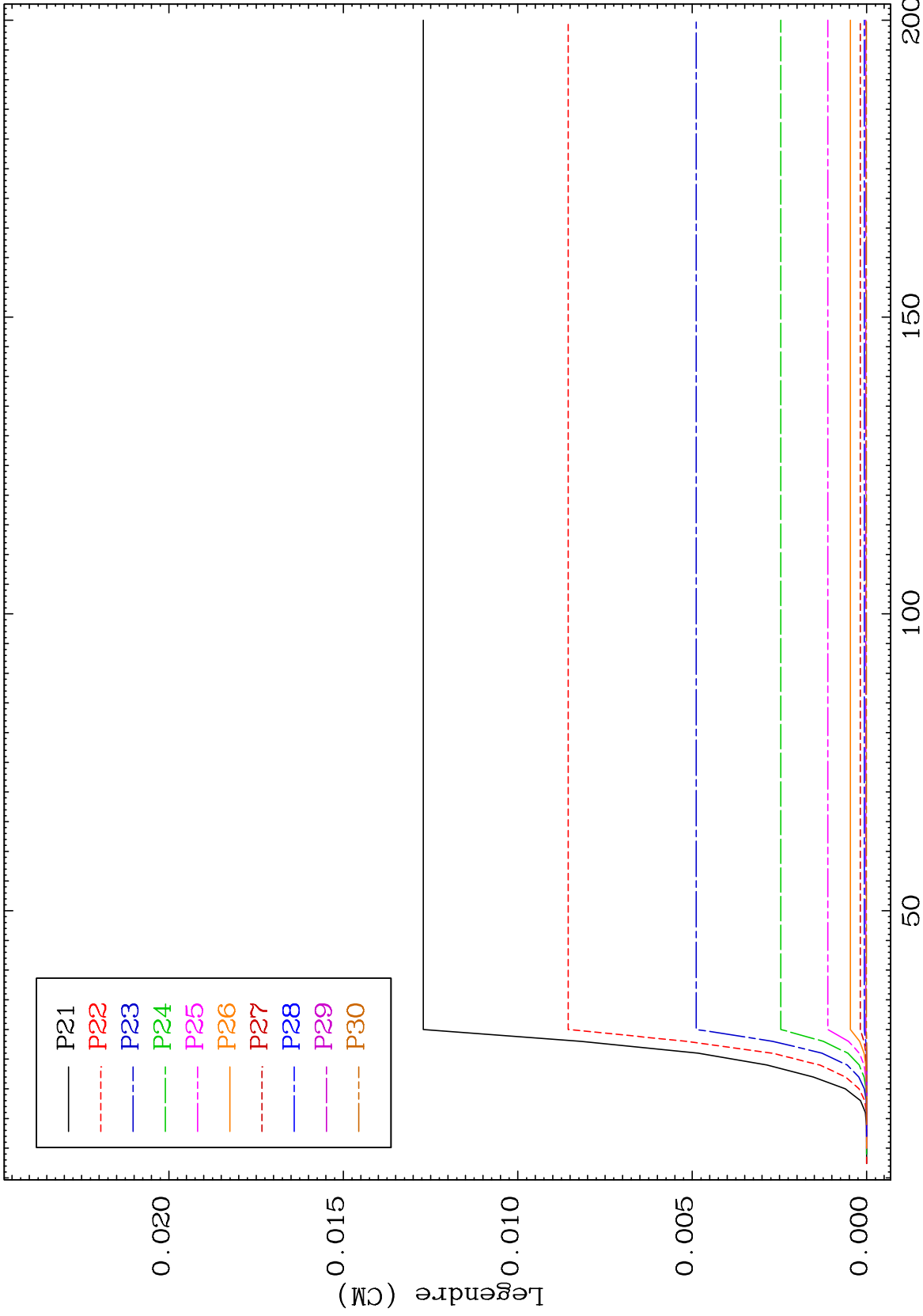
85-At-207



41

Incident Energy (MeV)

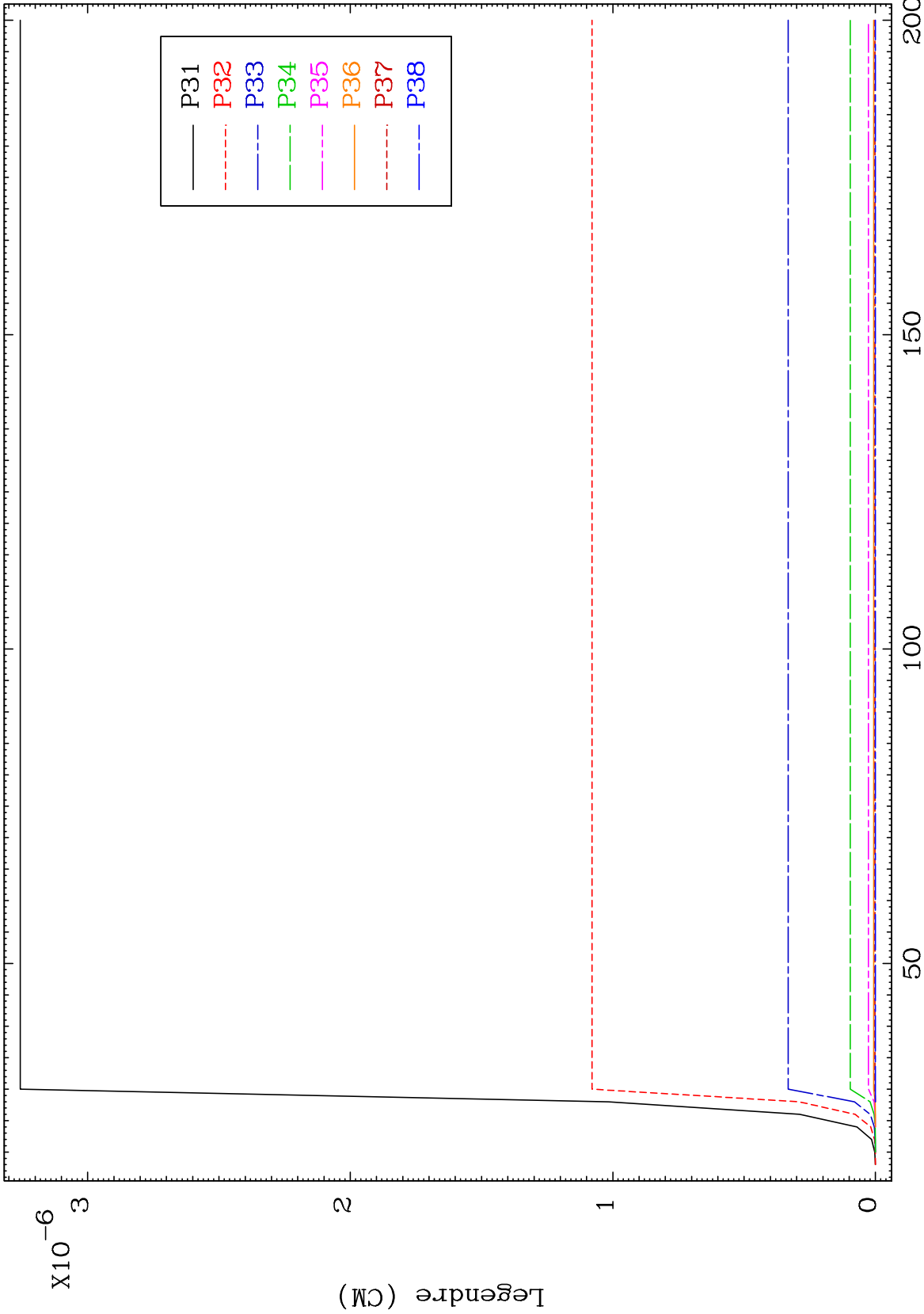
85-At-207



MAT 8537

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

85-At-207



43

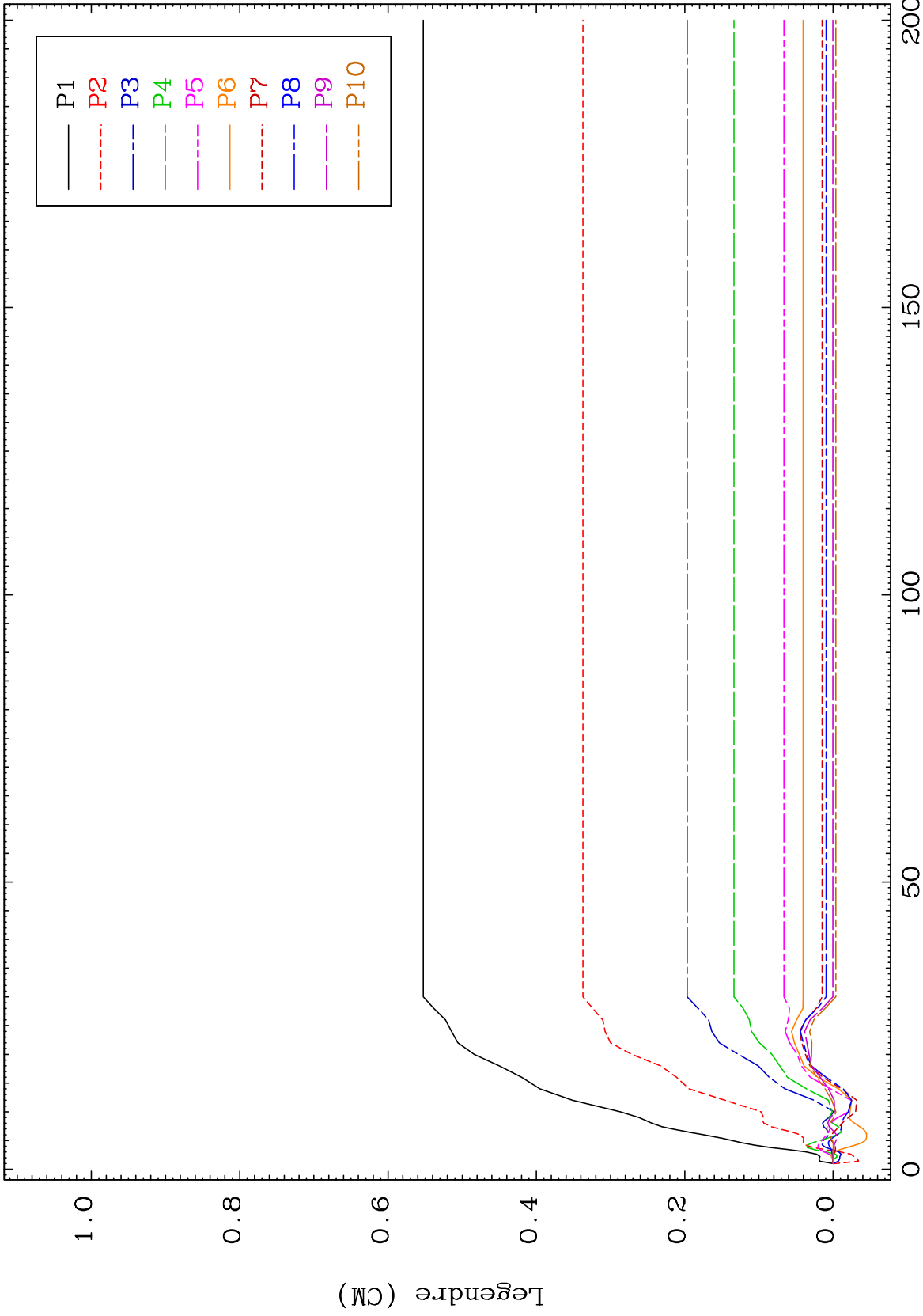
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



44

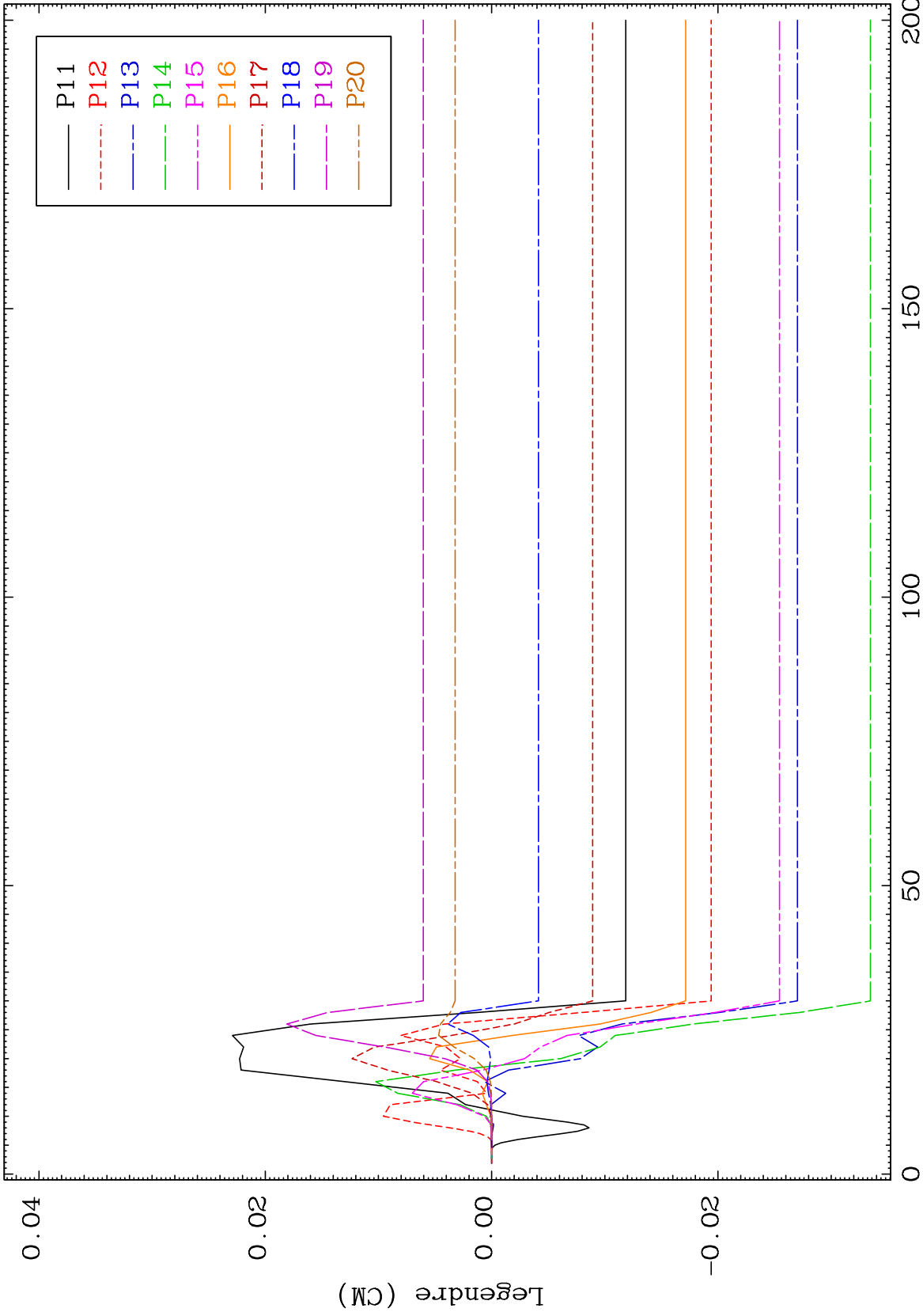
Incident Energy (MeV)

85-At-207

MAT 8537

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

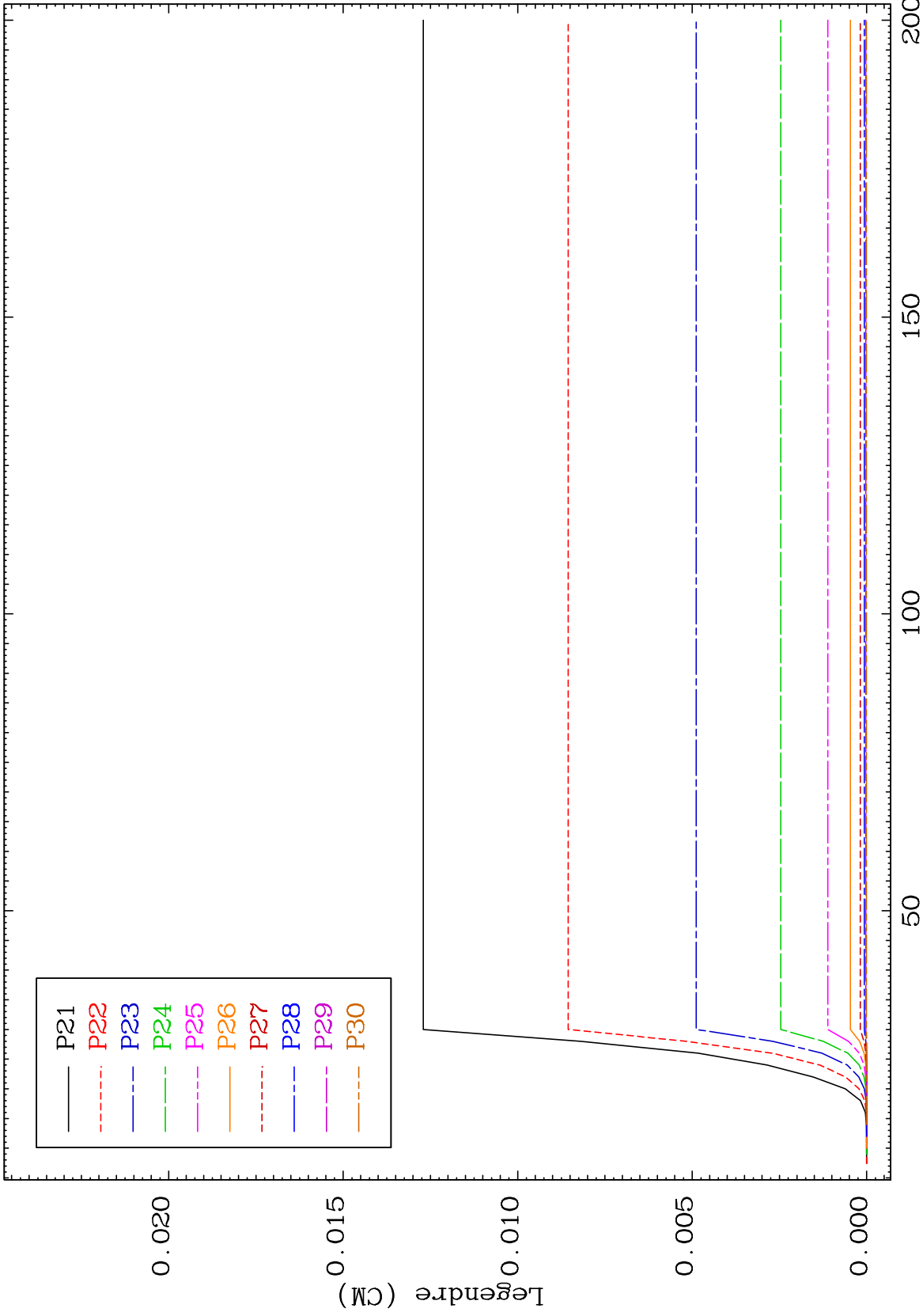
85-At-207



45

Incident Energy (MeV)

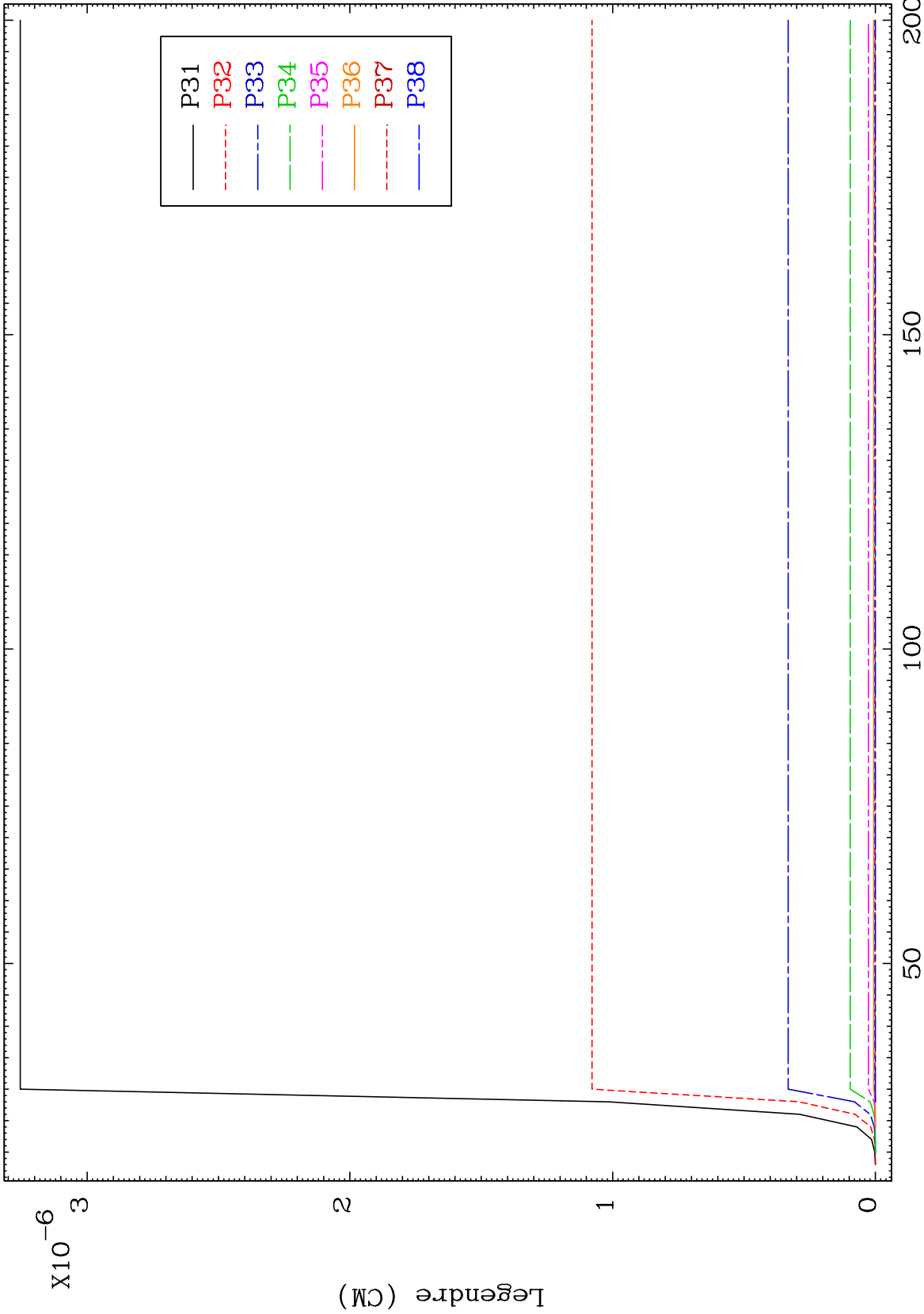
85-At-207



MAT 8537

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

85-At-207



47

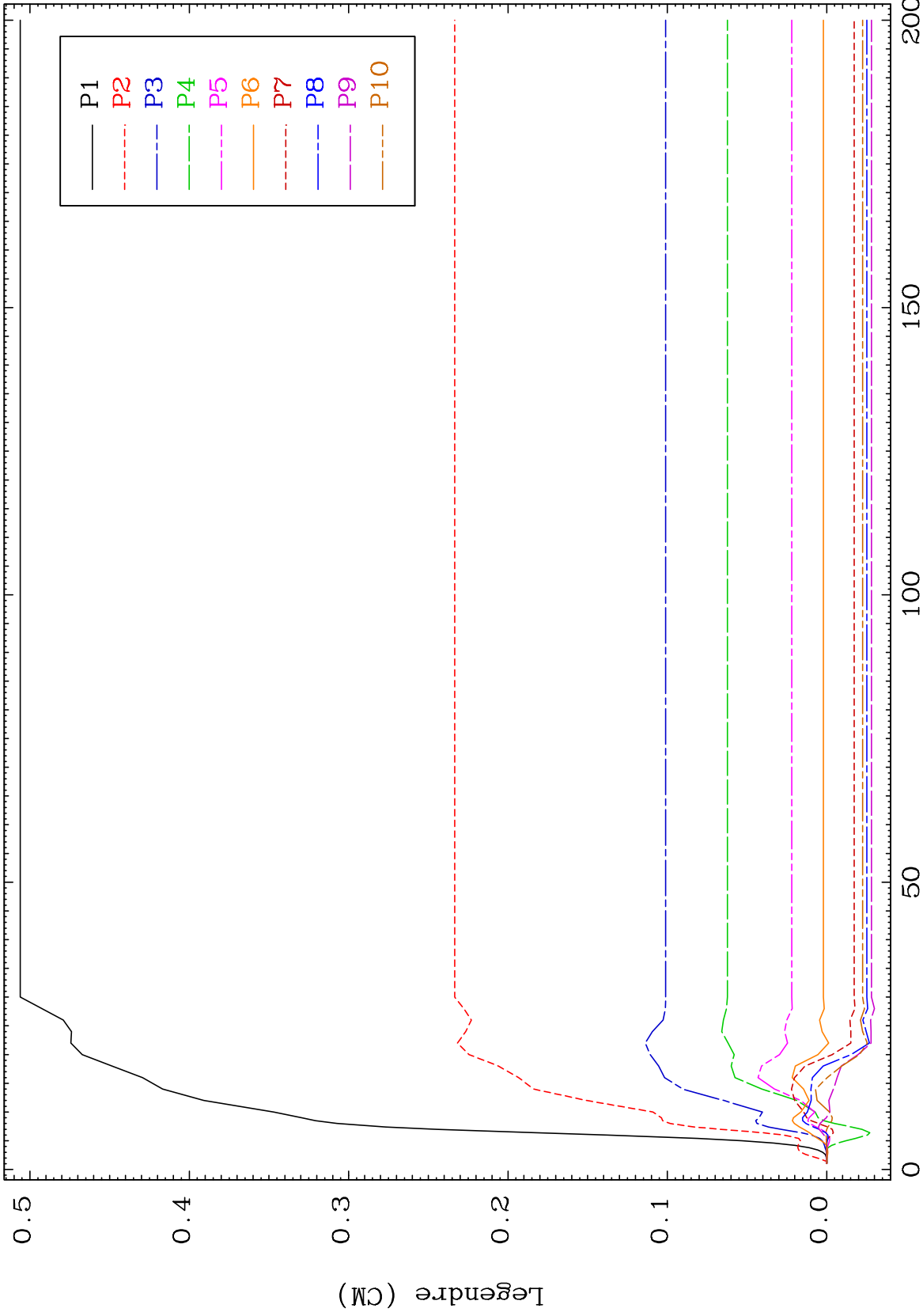
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



48

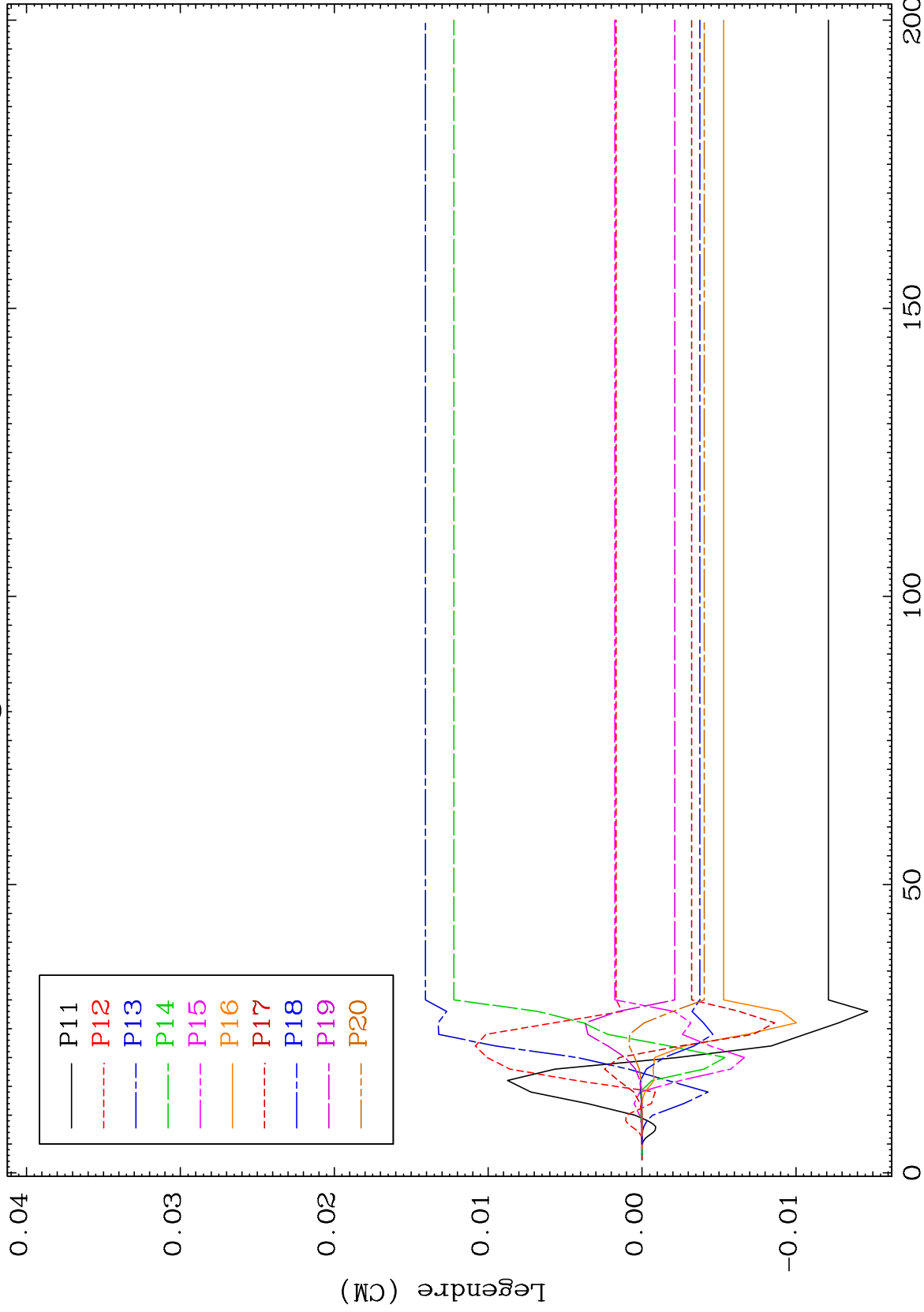
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



49

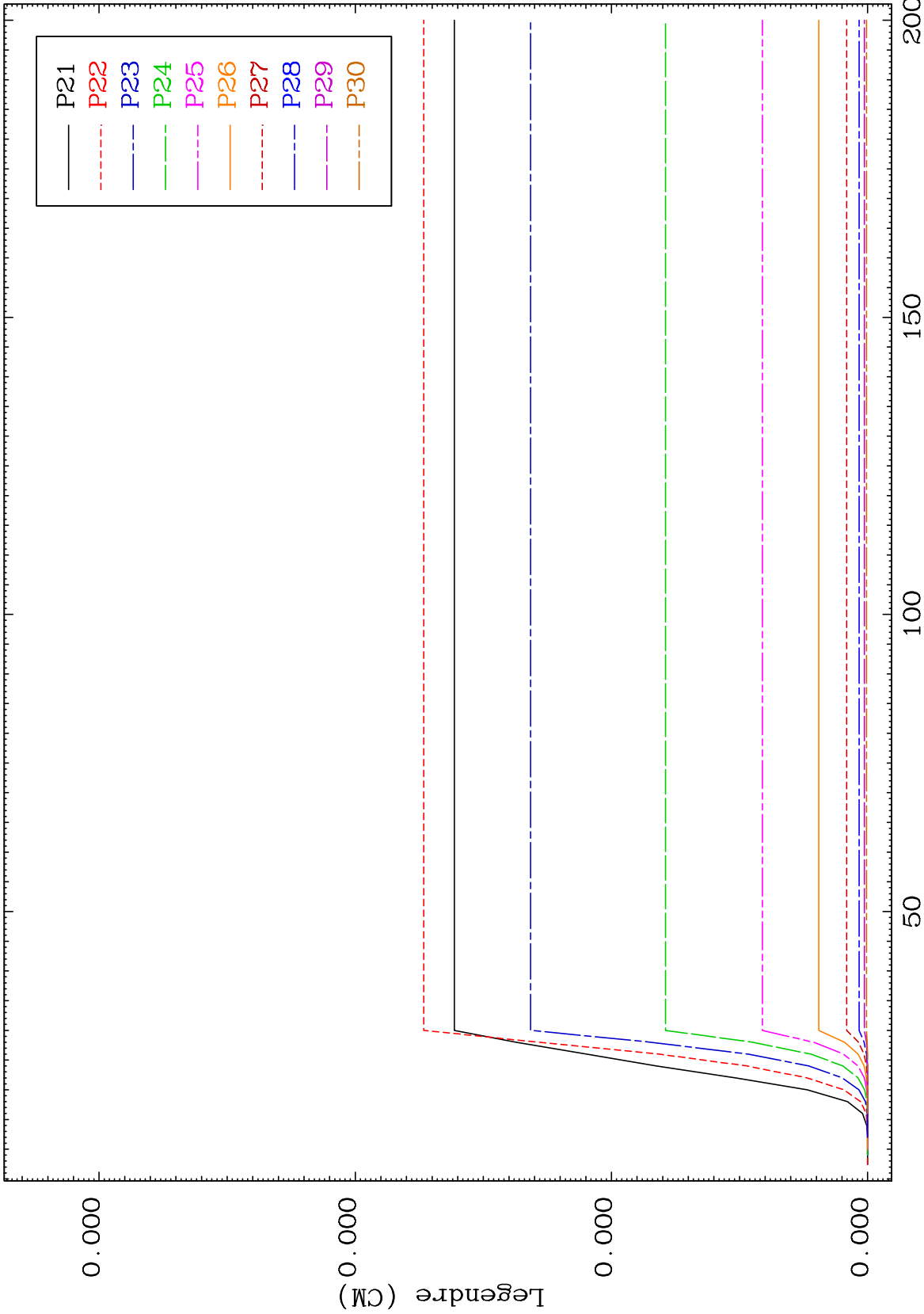
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



50

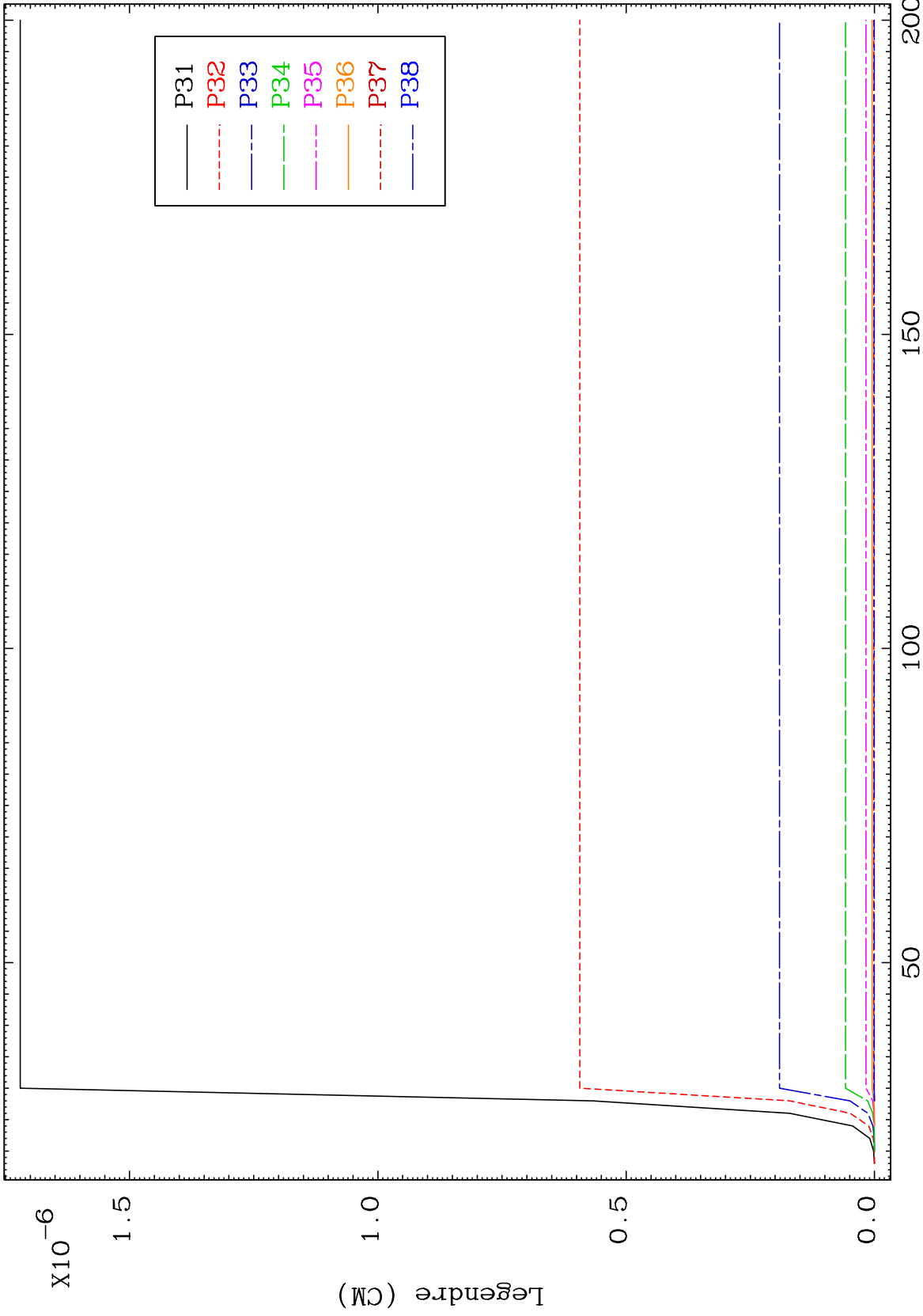
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



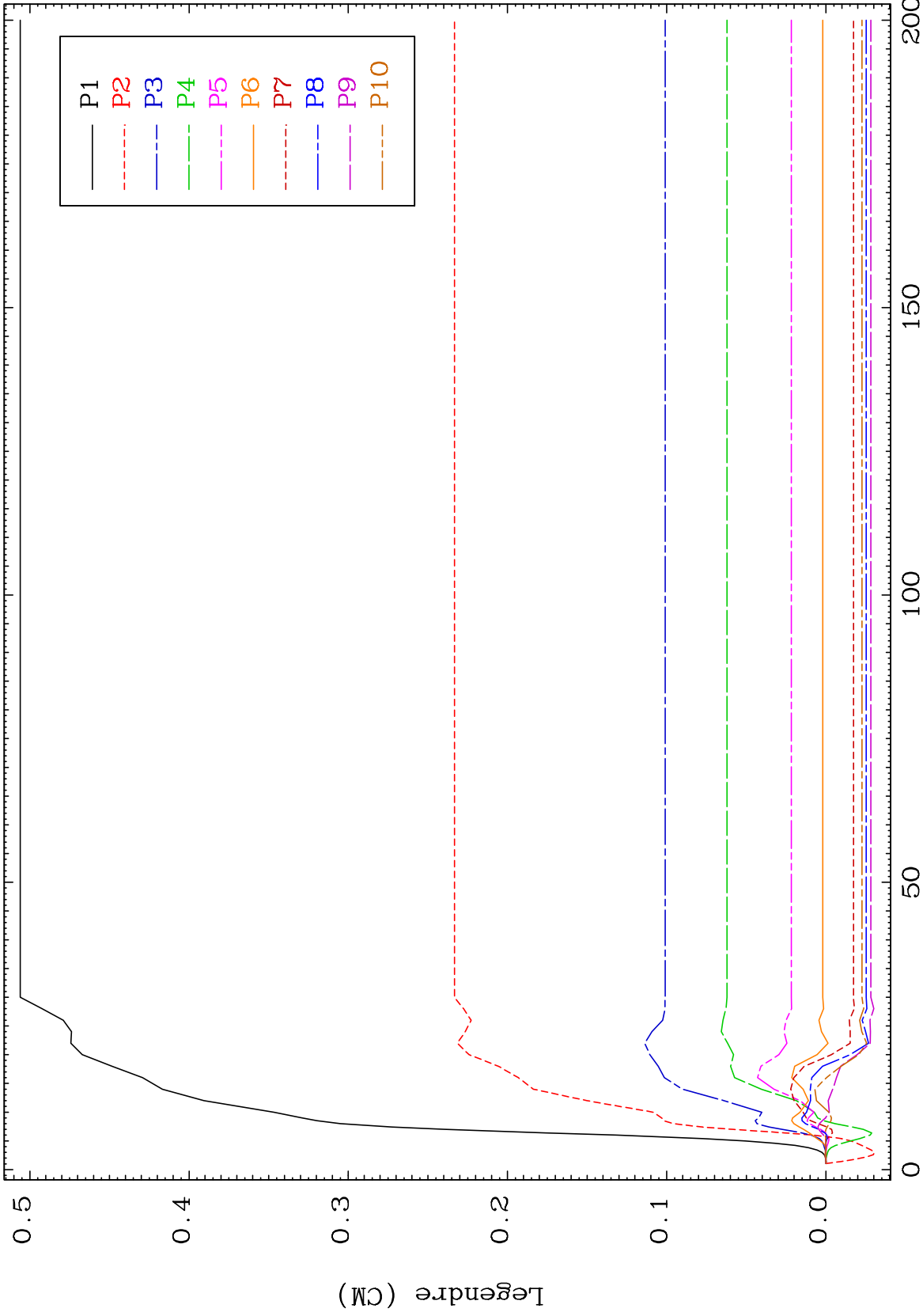
51

85-At-207

MAT 8537

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

85-At-207



52

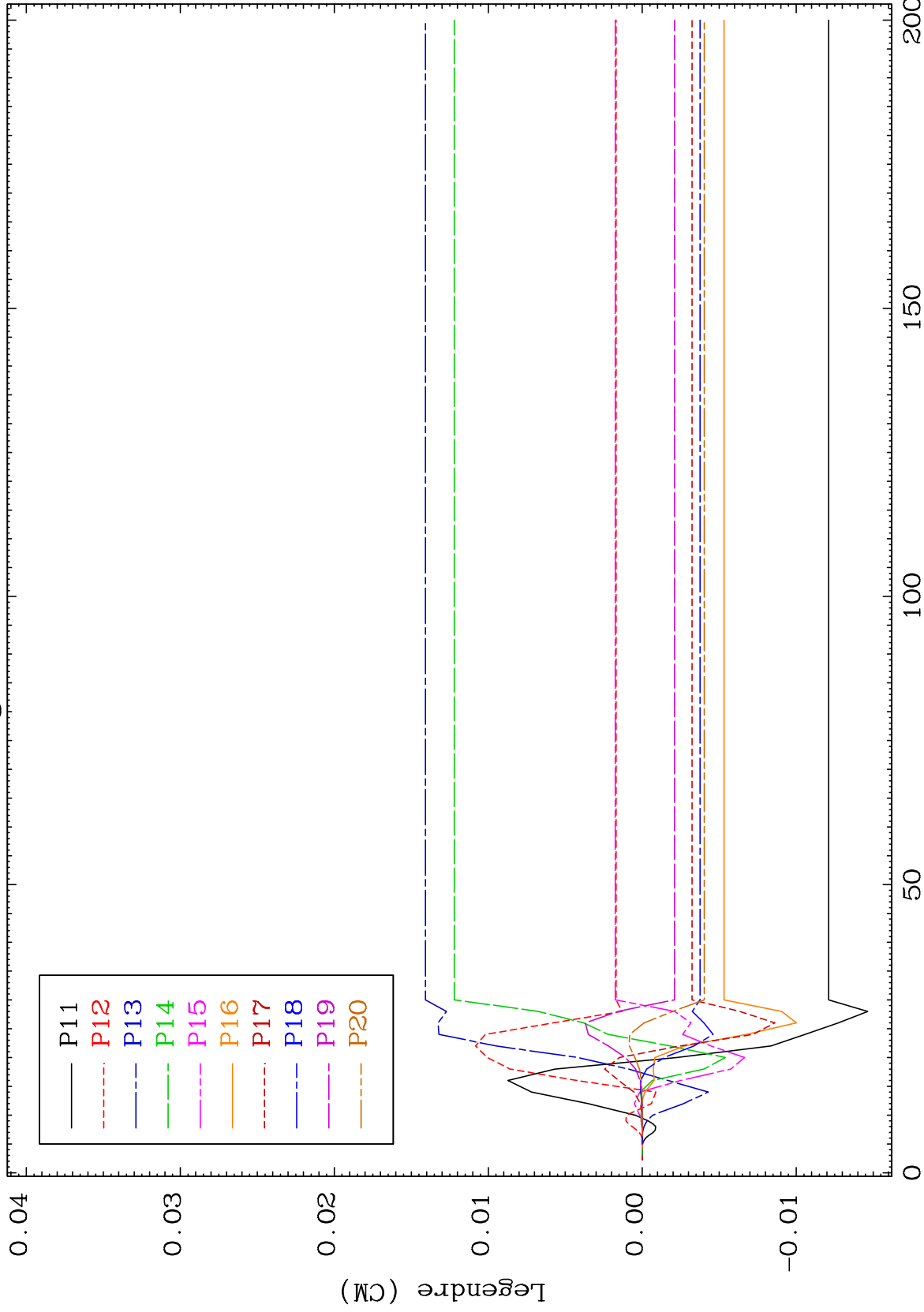
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



53

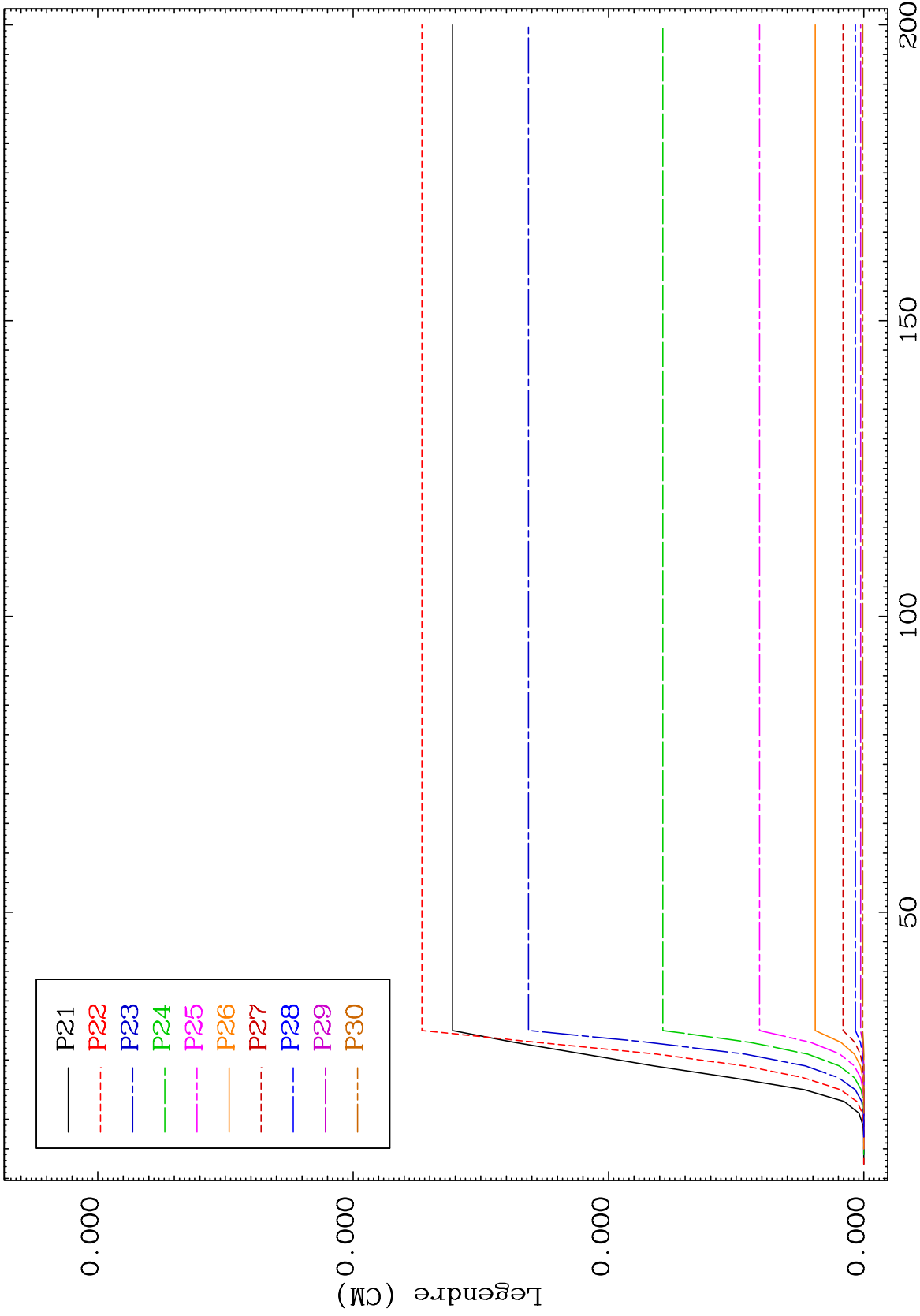
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



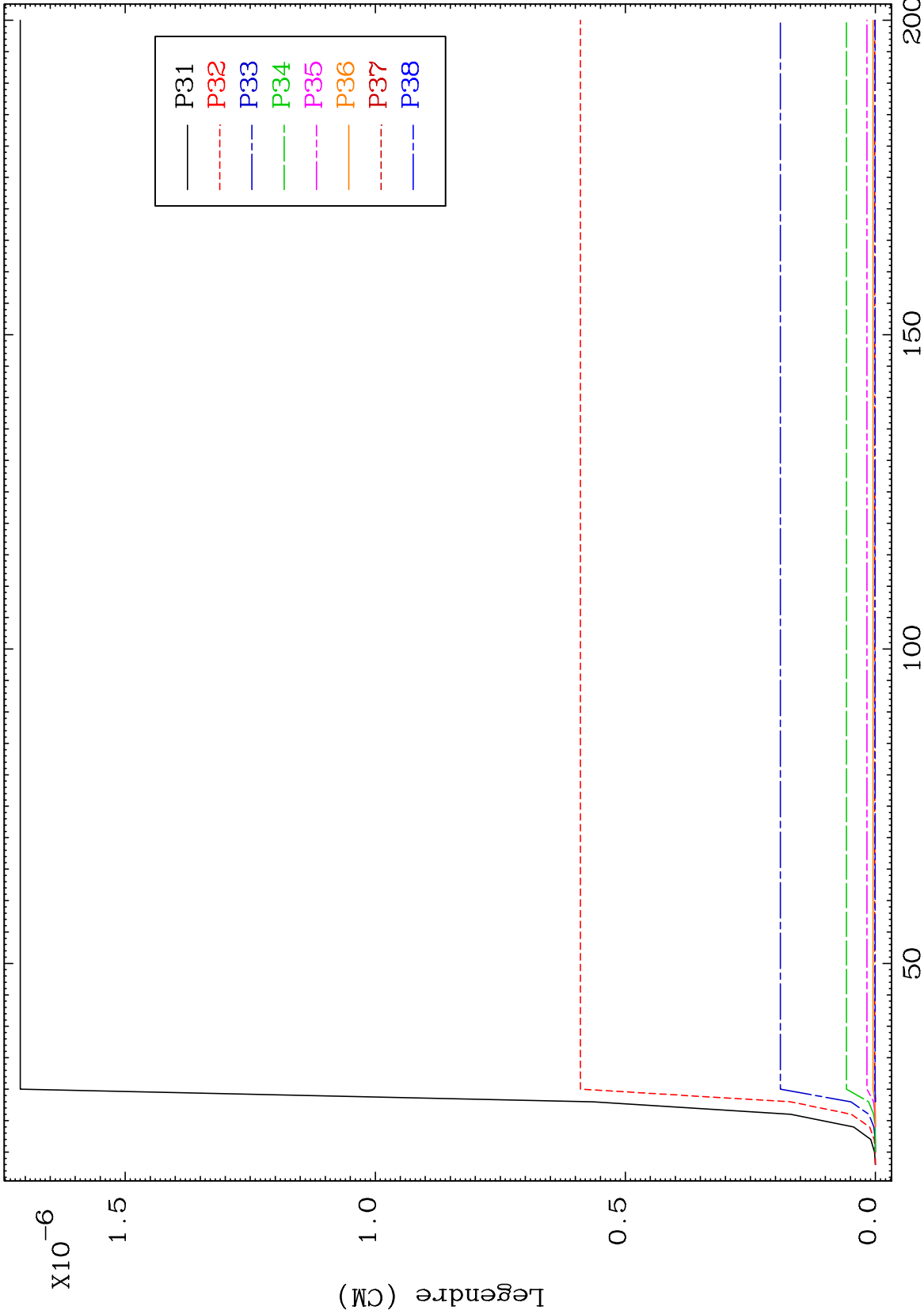
54

85-At-207

MAT 8537

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

85-At-207



55

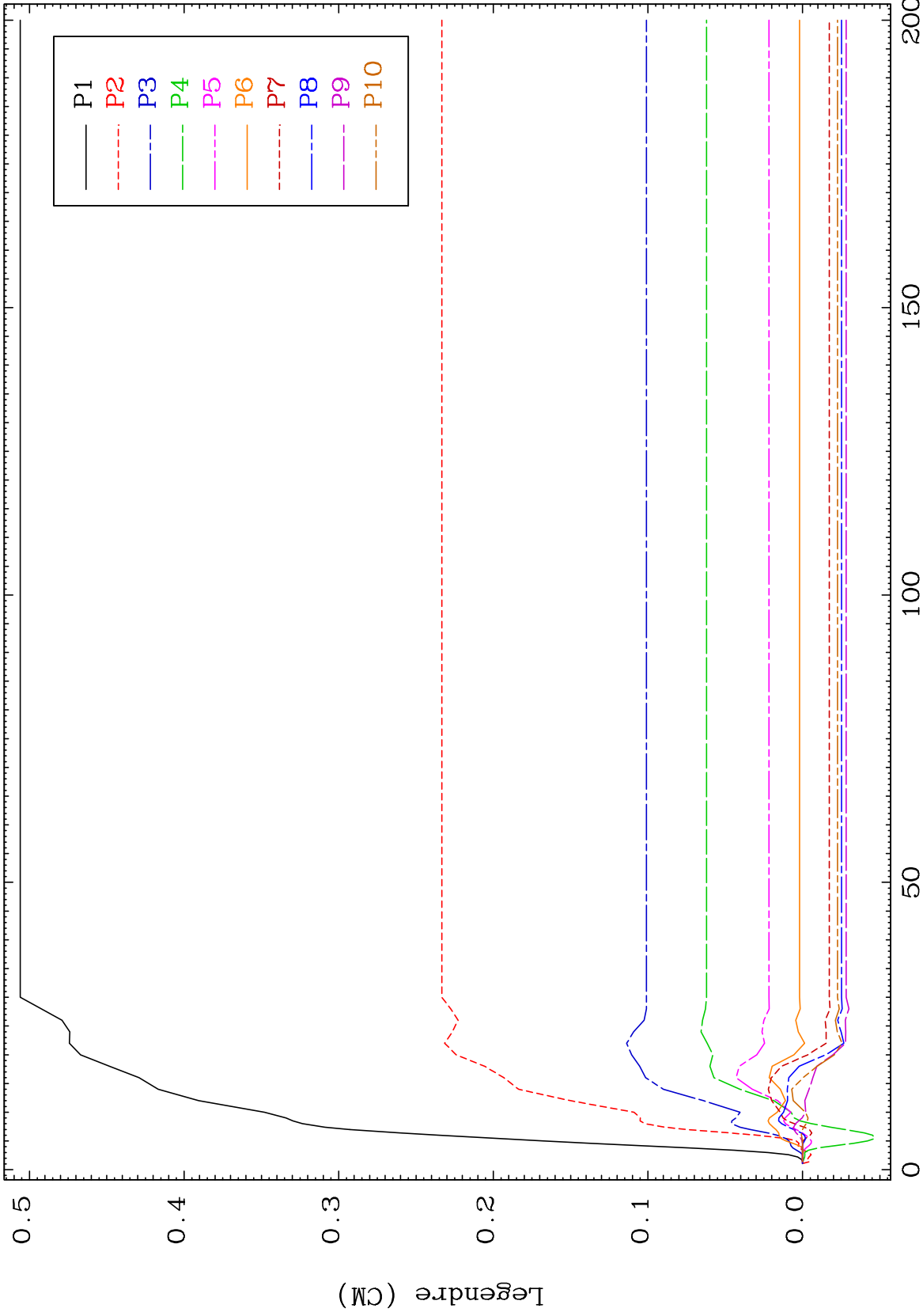
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



56

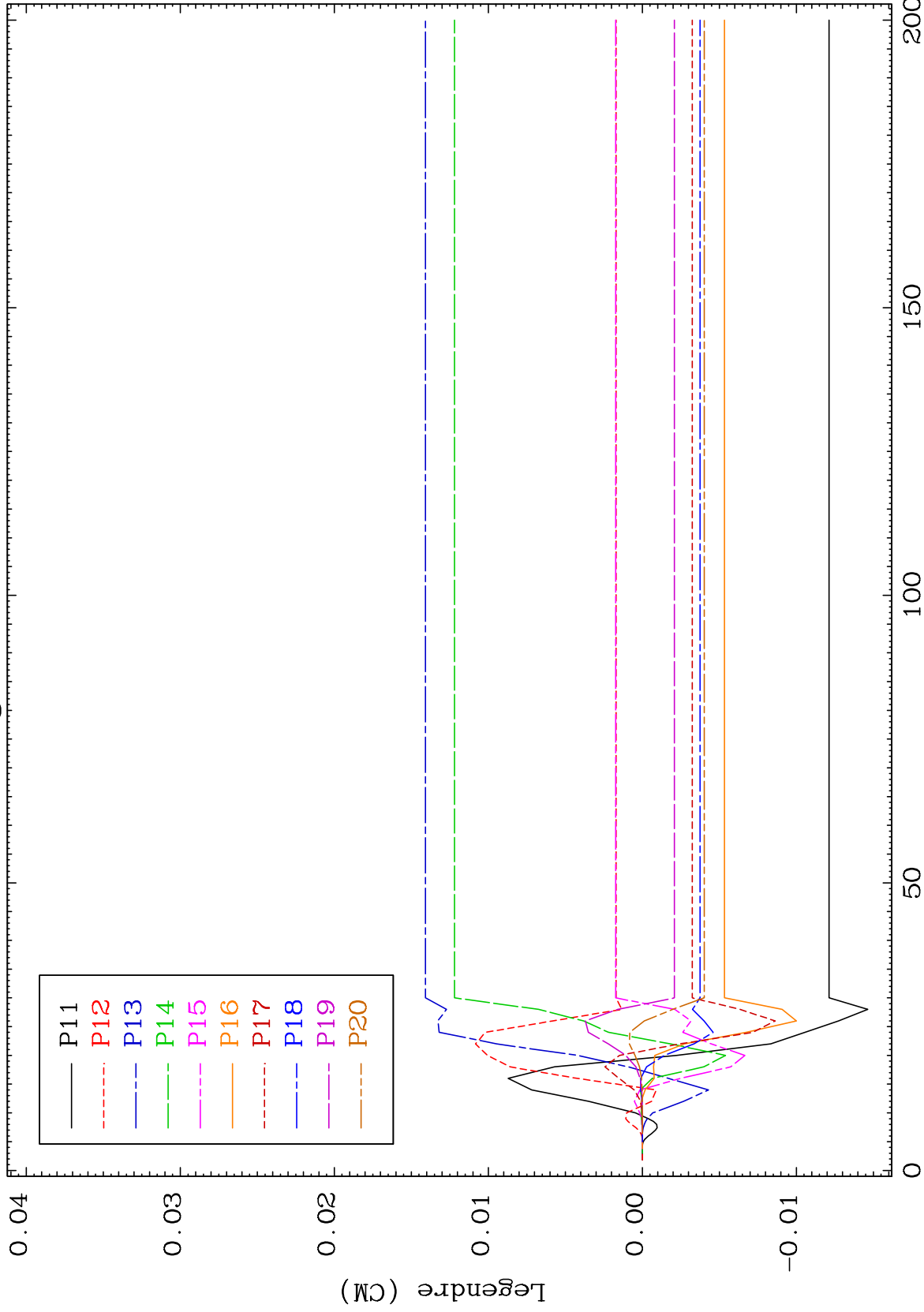
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



57

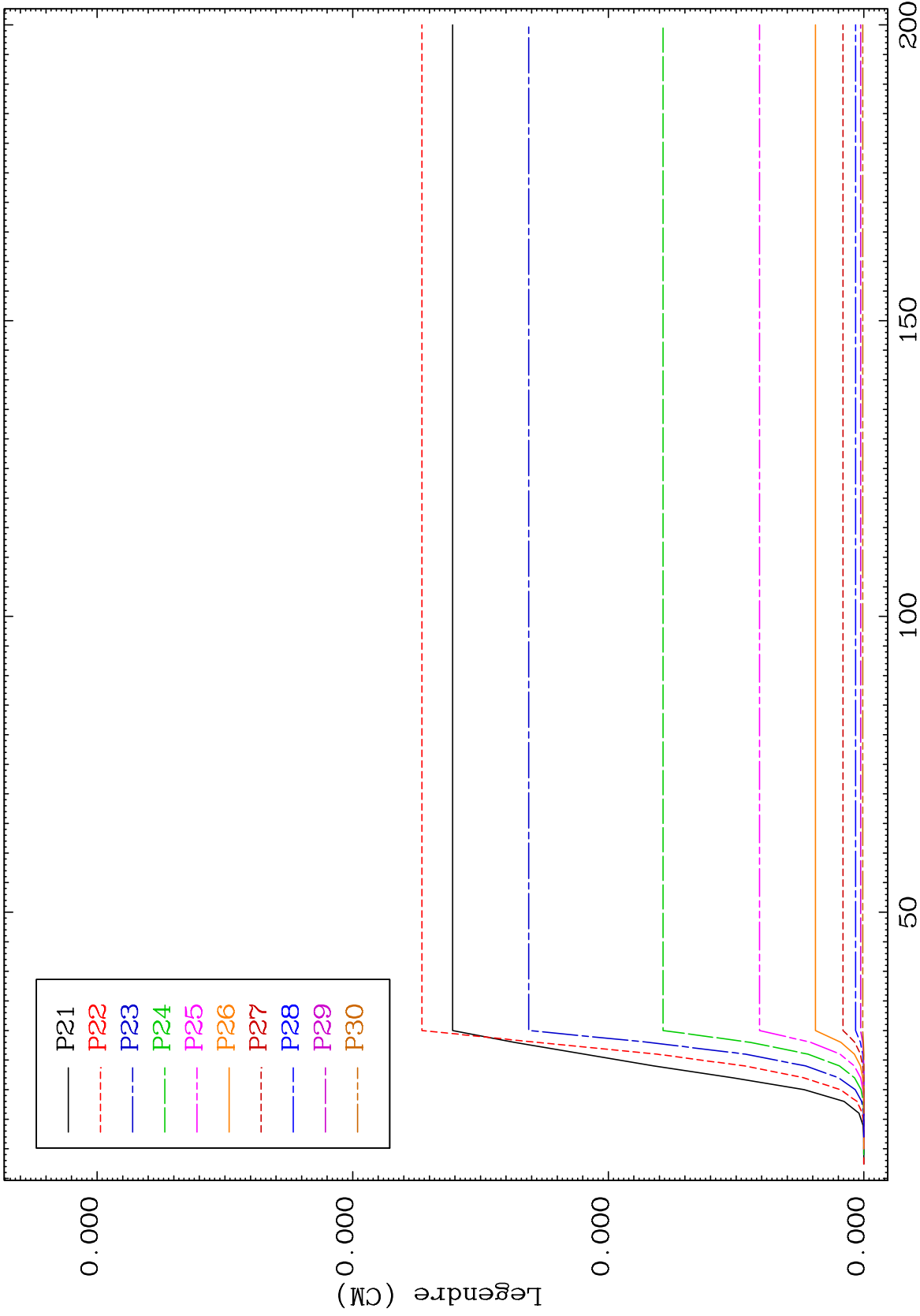
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



58

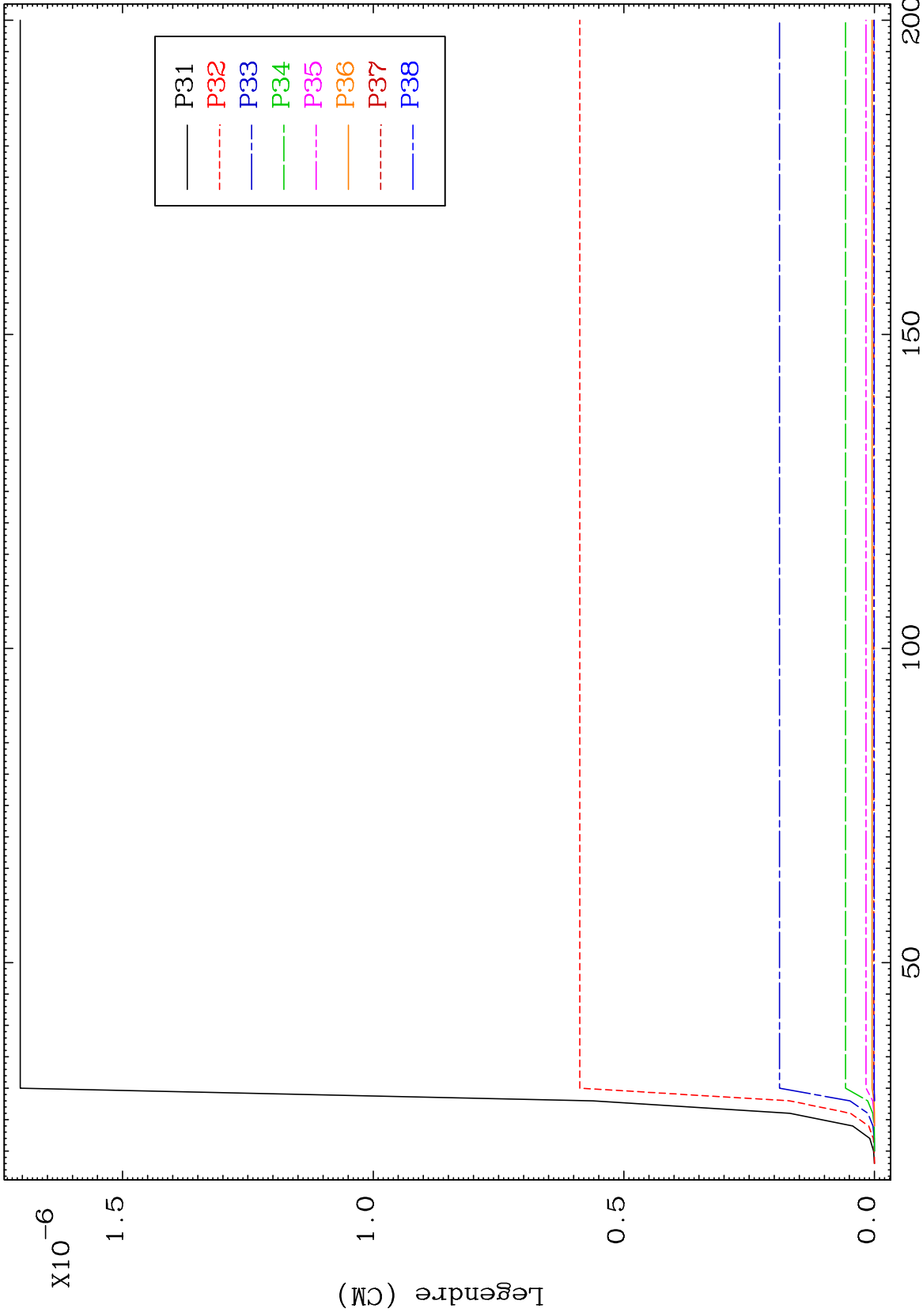
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



59

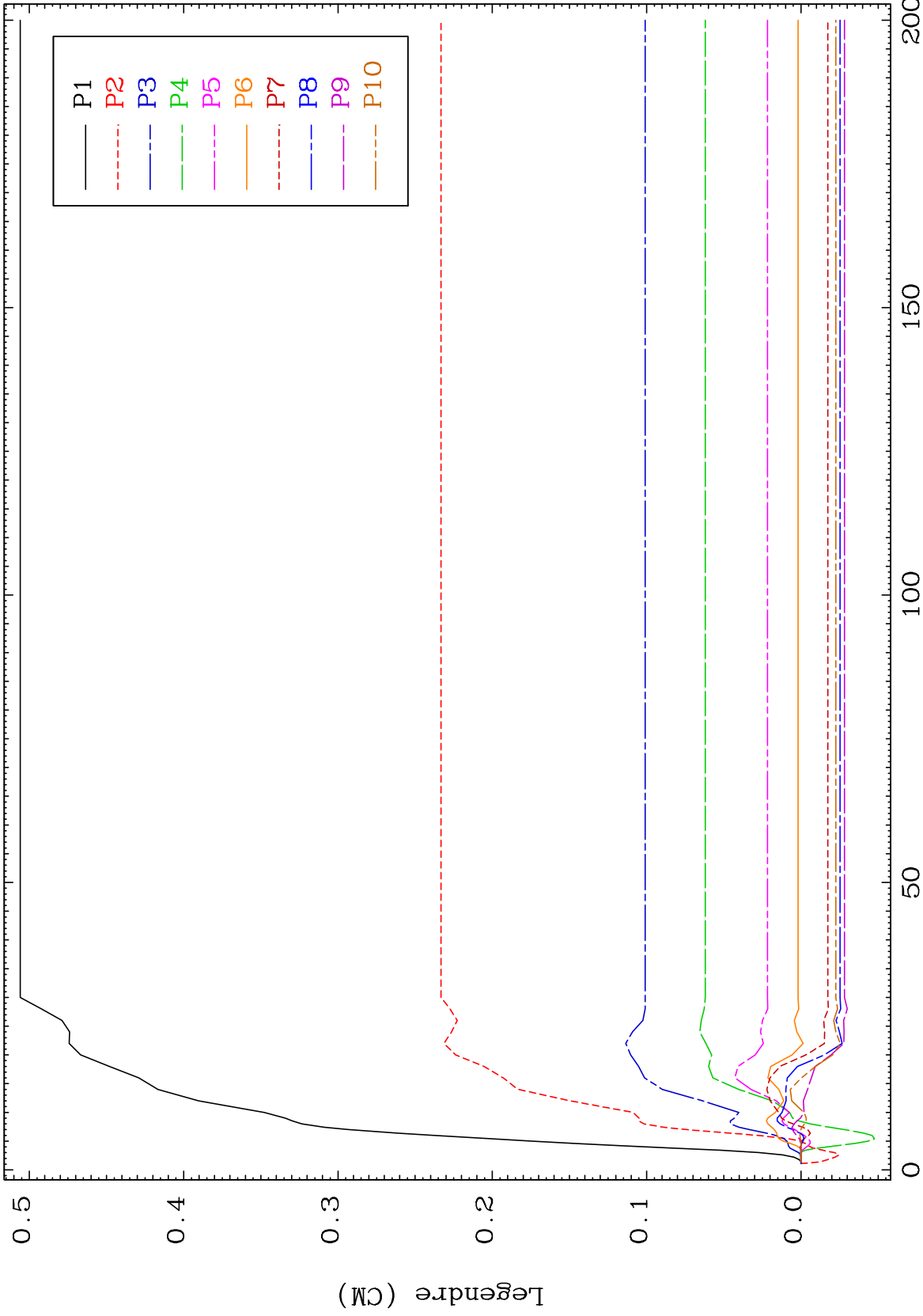
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



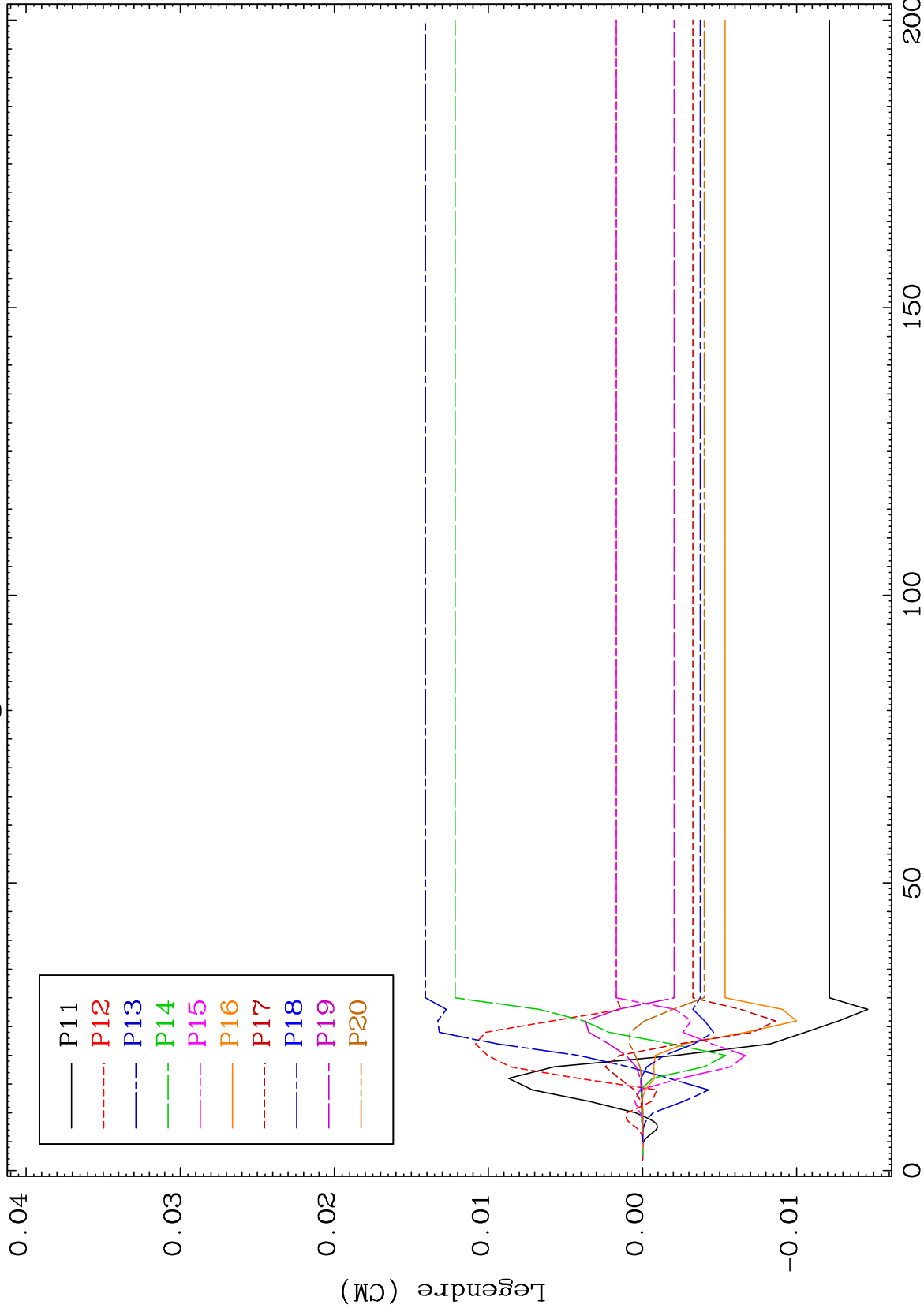
85-At-207

Incident Energy (MeV)

MAT 8537

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

85-At-207



61

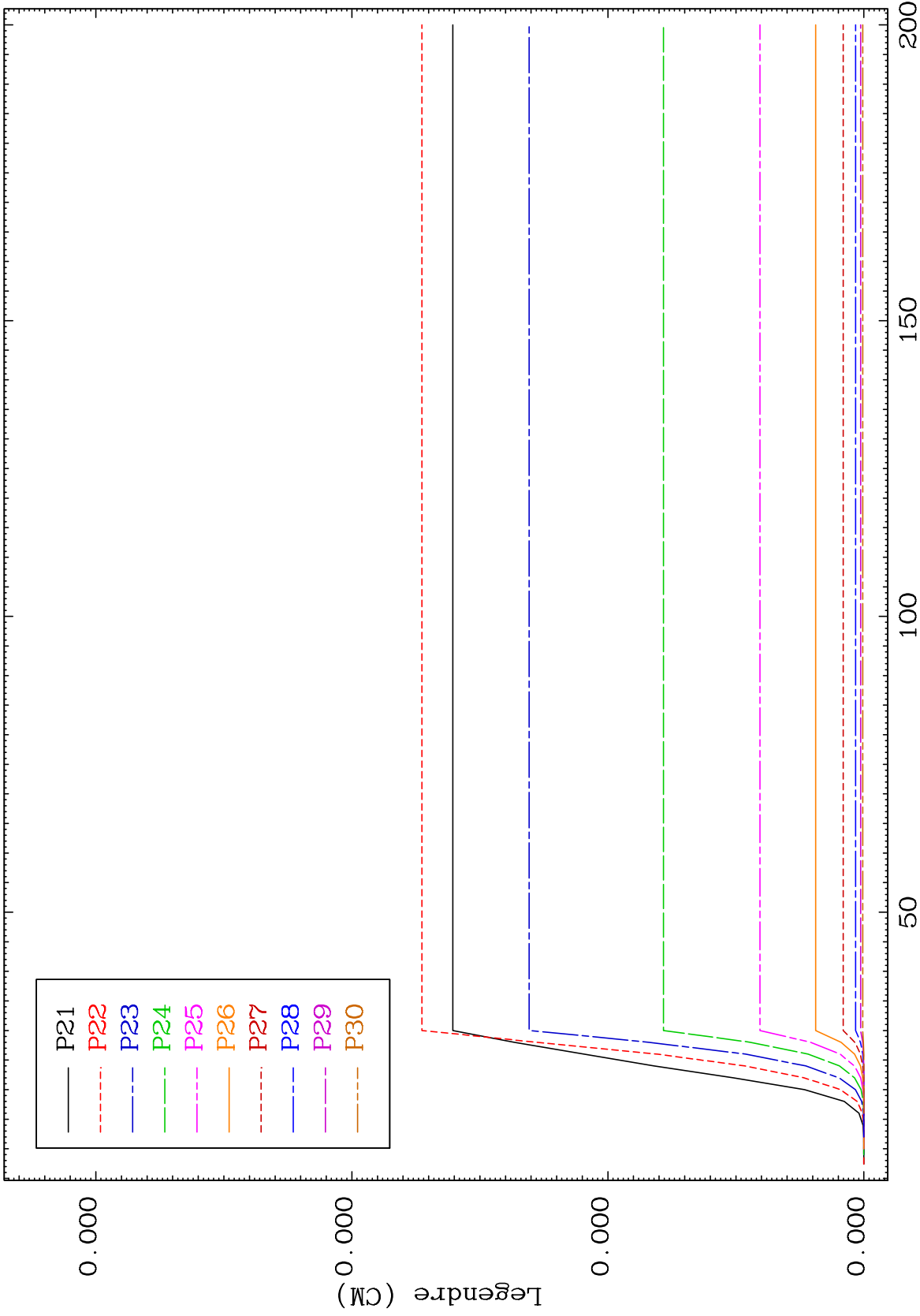
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



62

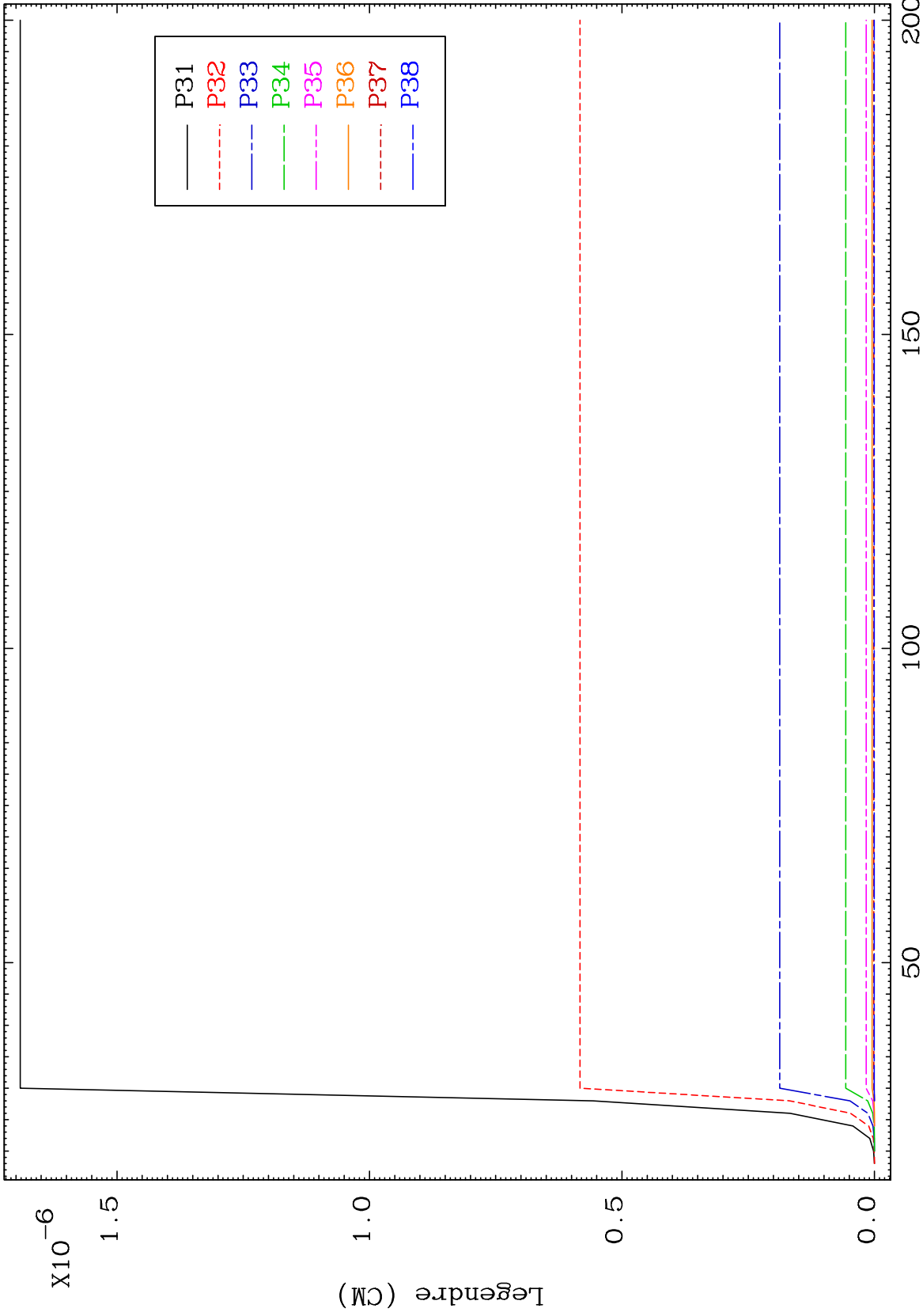
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



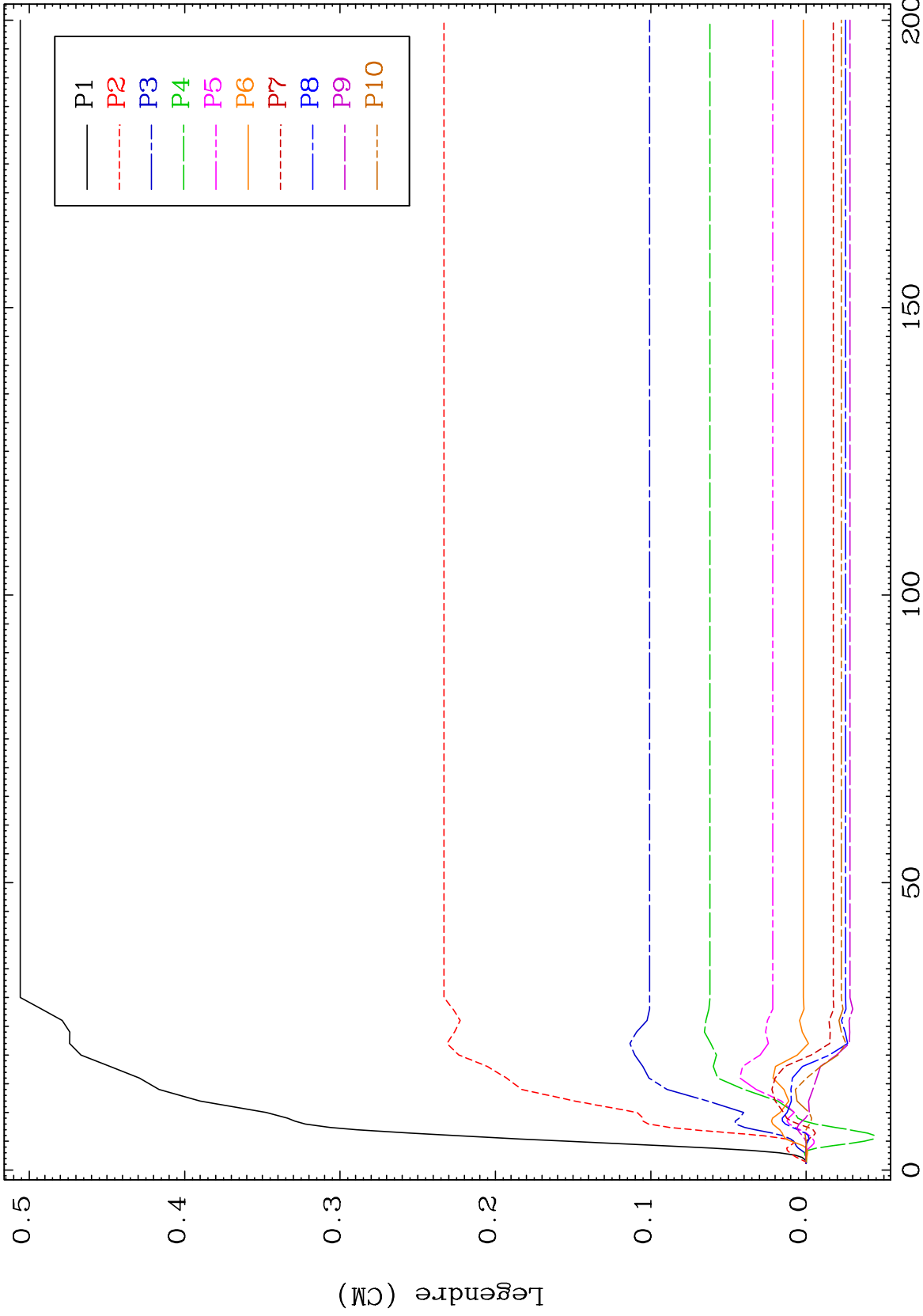
63

85-At-207

MAT 8537

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

85-At-207



64

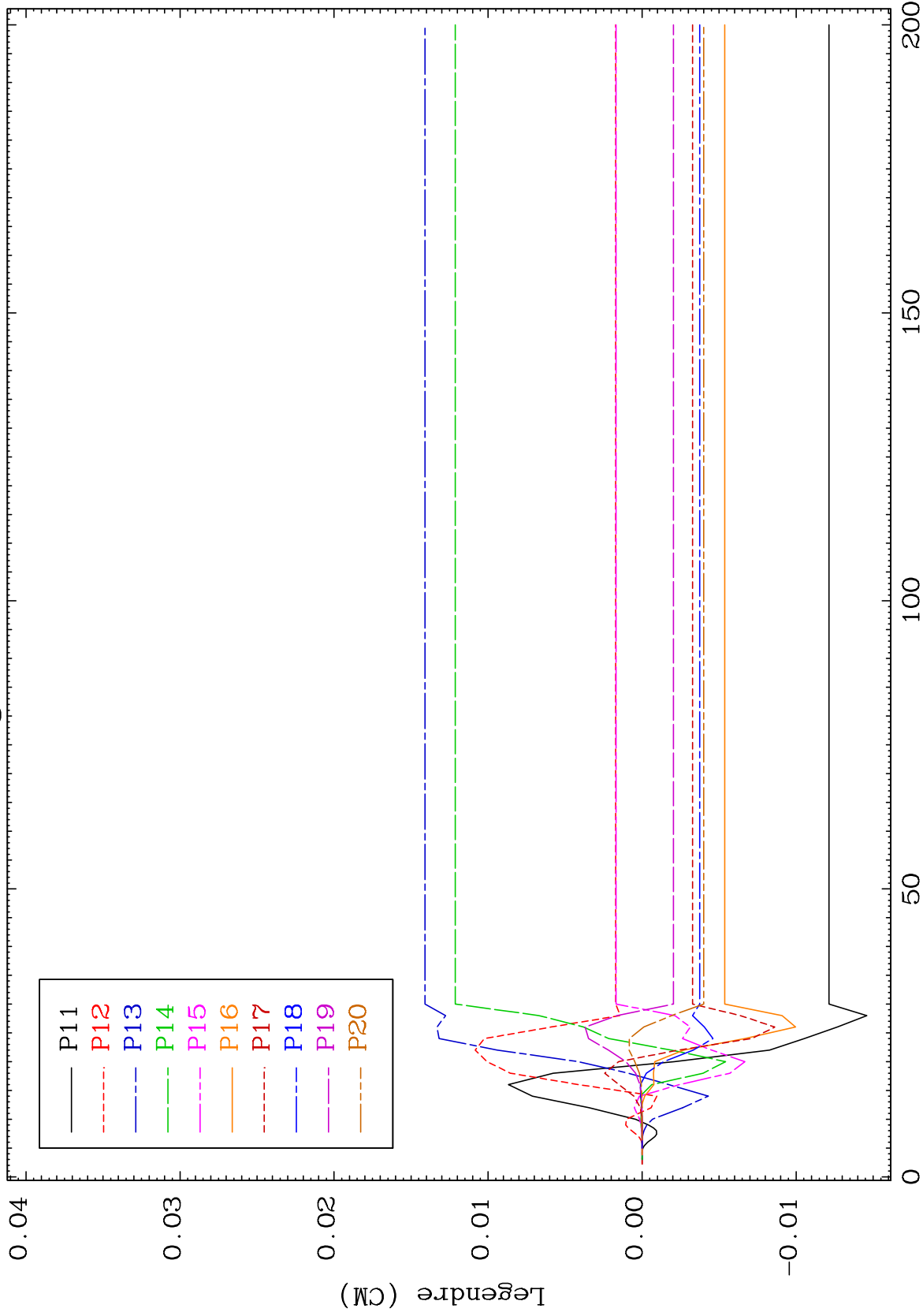
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



65

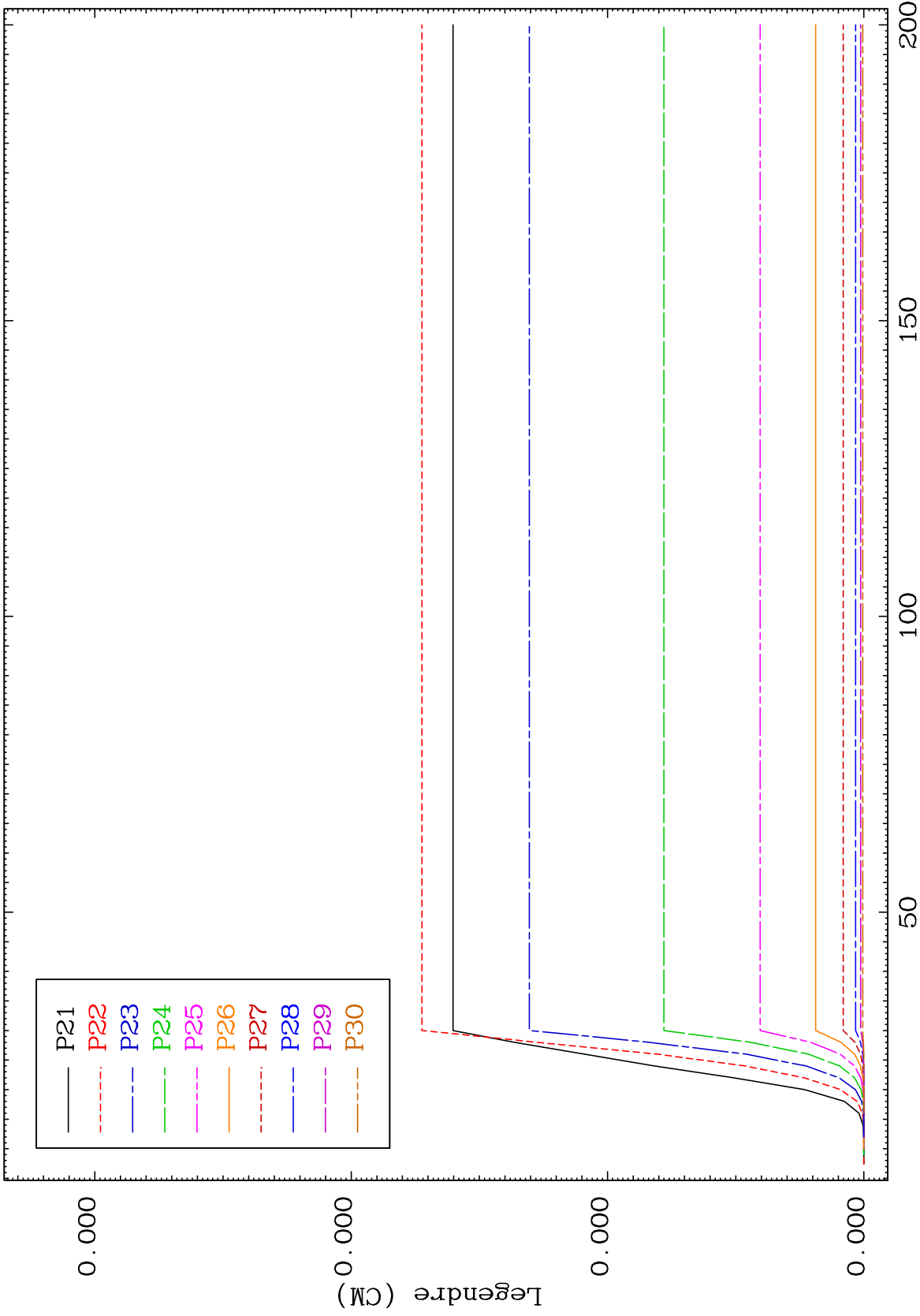
Incident Energy (MeV)

85-At-207

MAT 8537

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

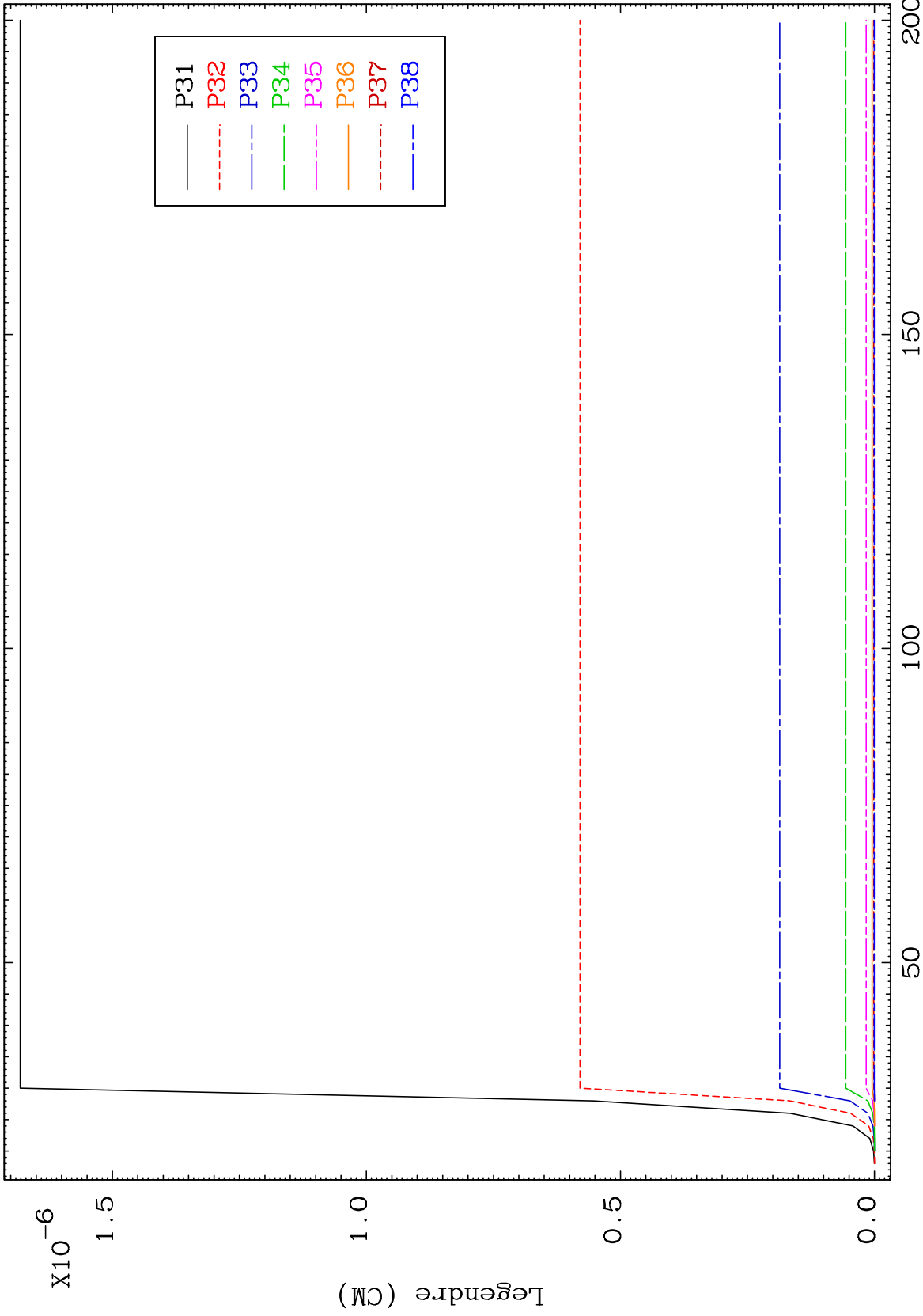
85-At-207



MAT 8537

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

85-At-207



67

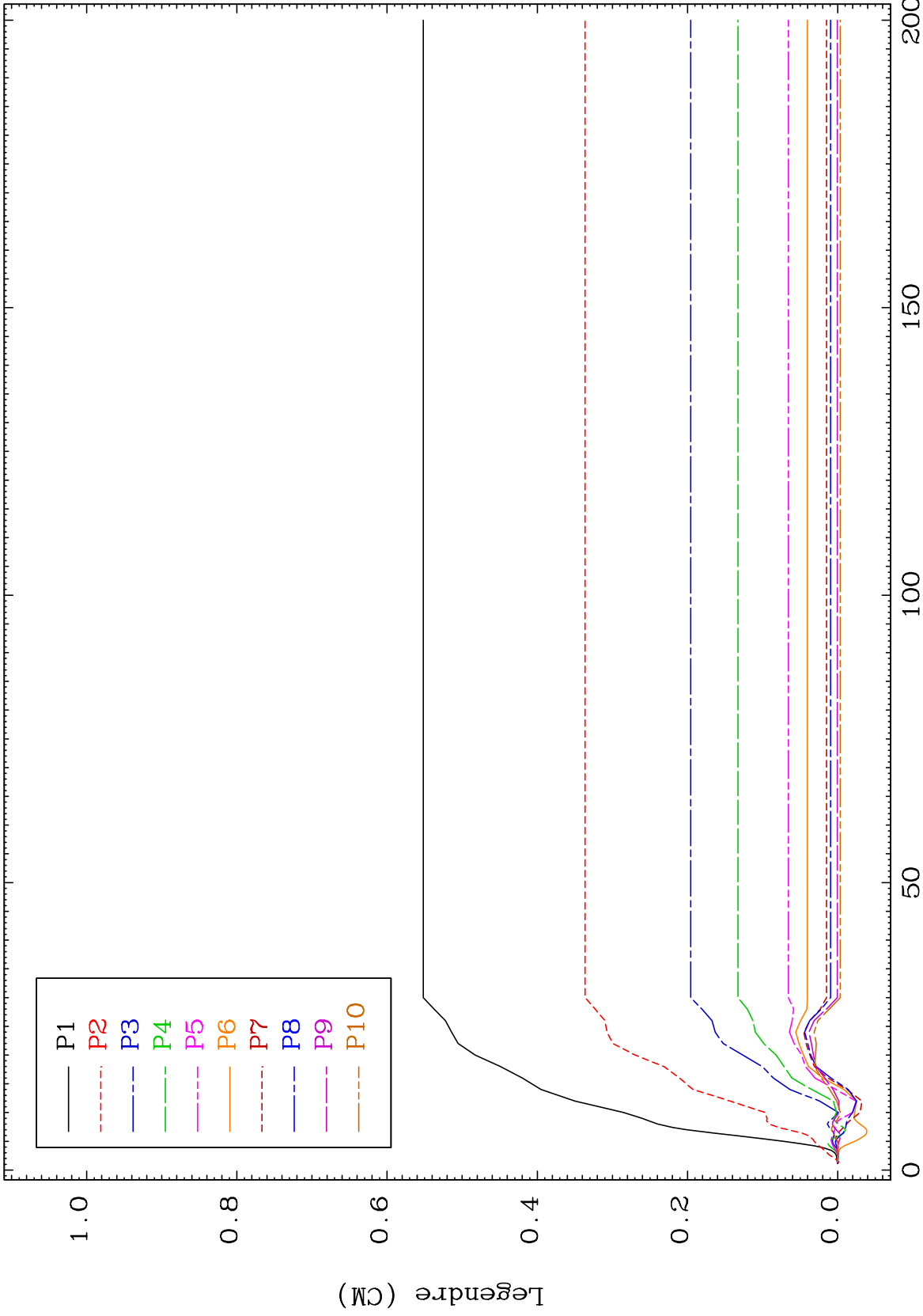
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



68

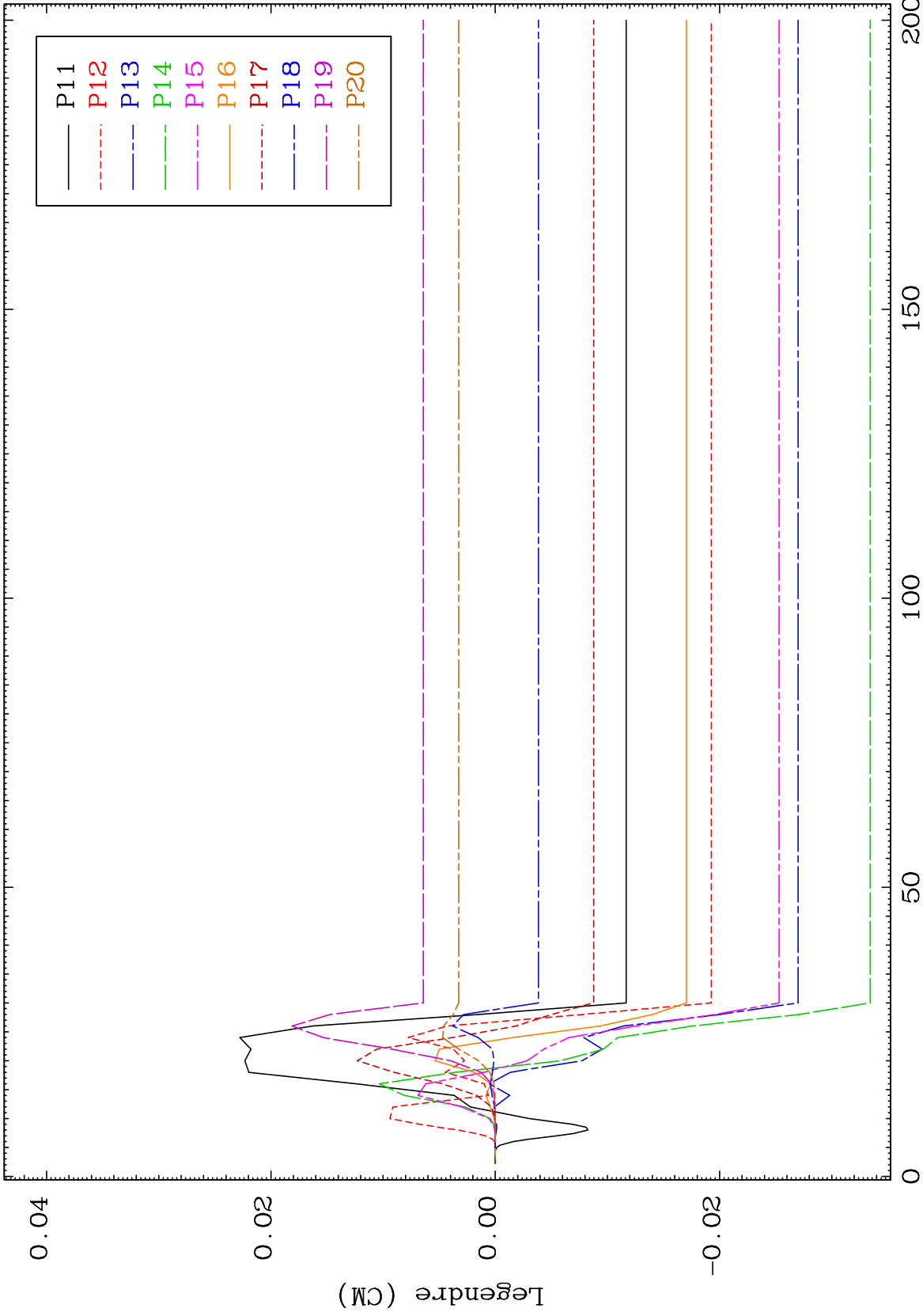
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



69

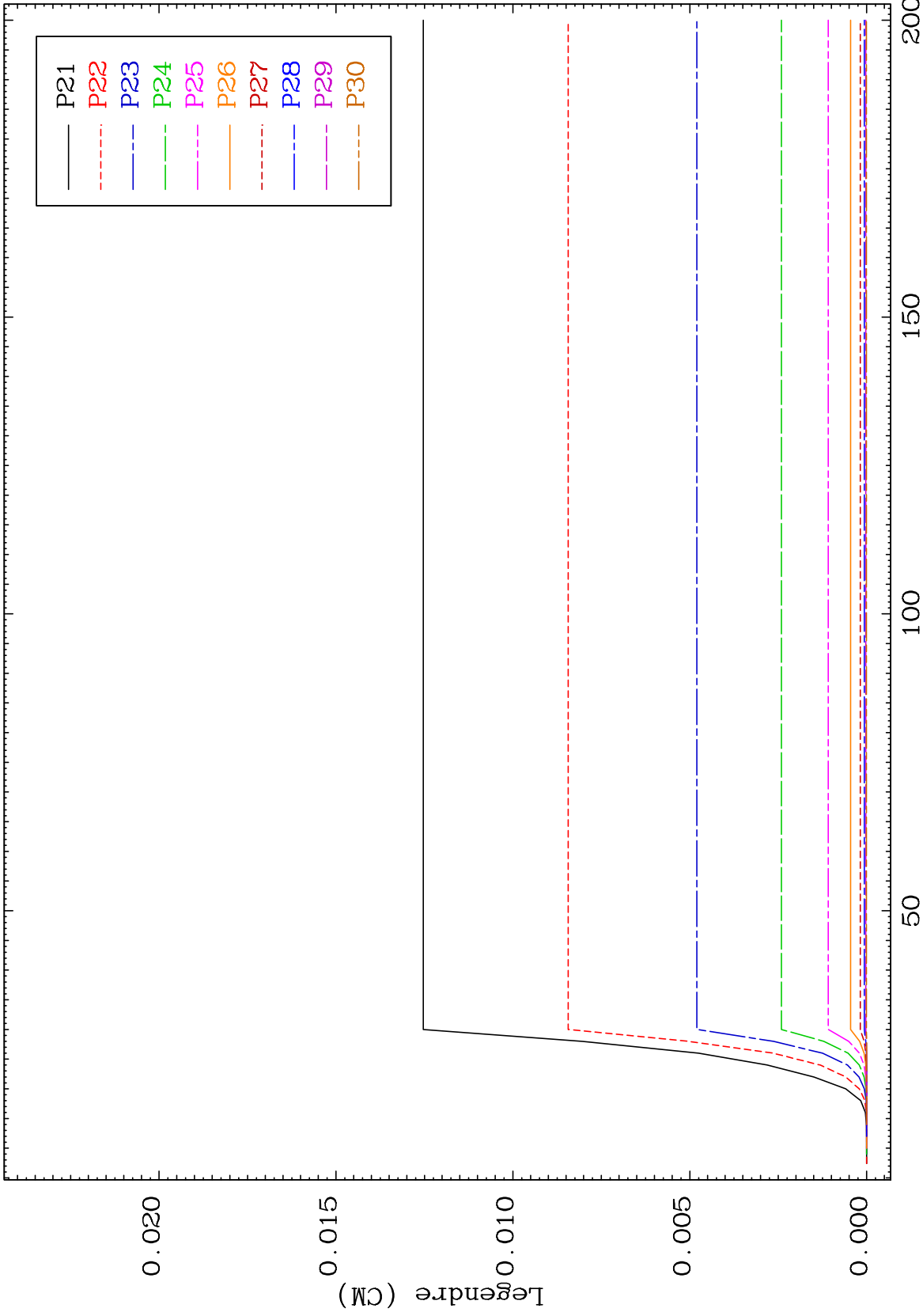
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



70

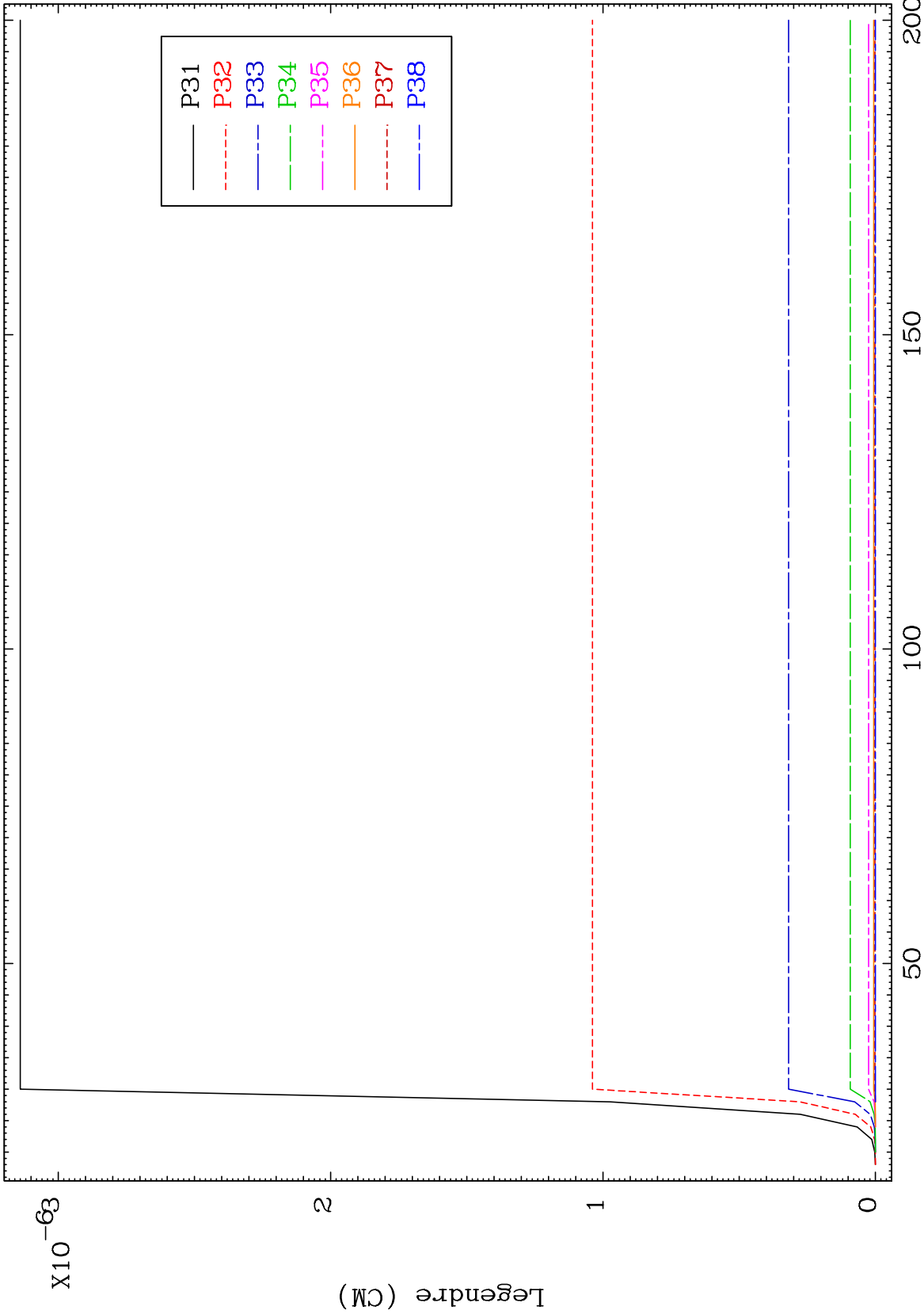
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



71

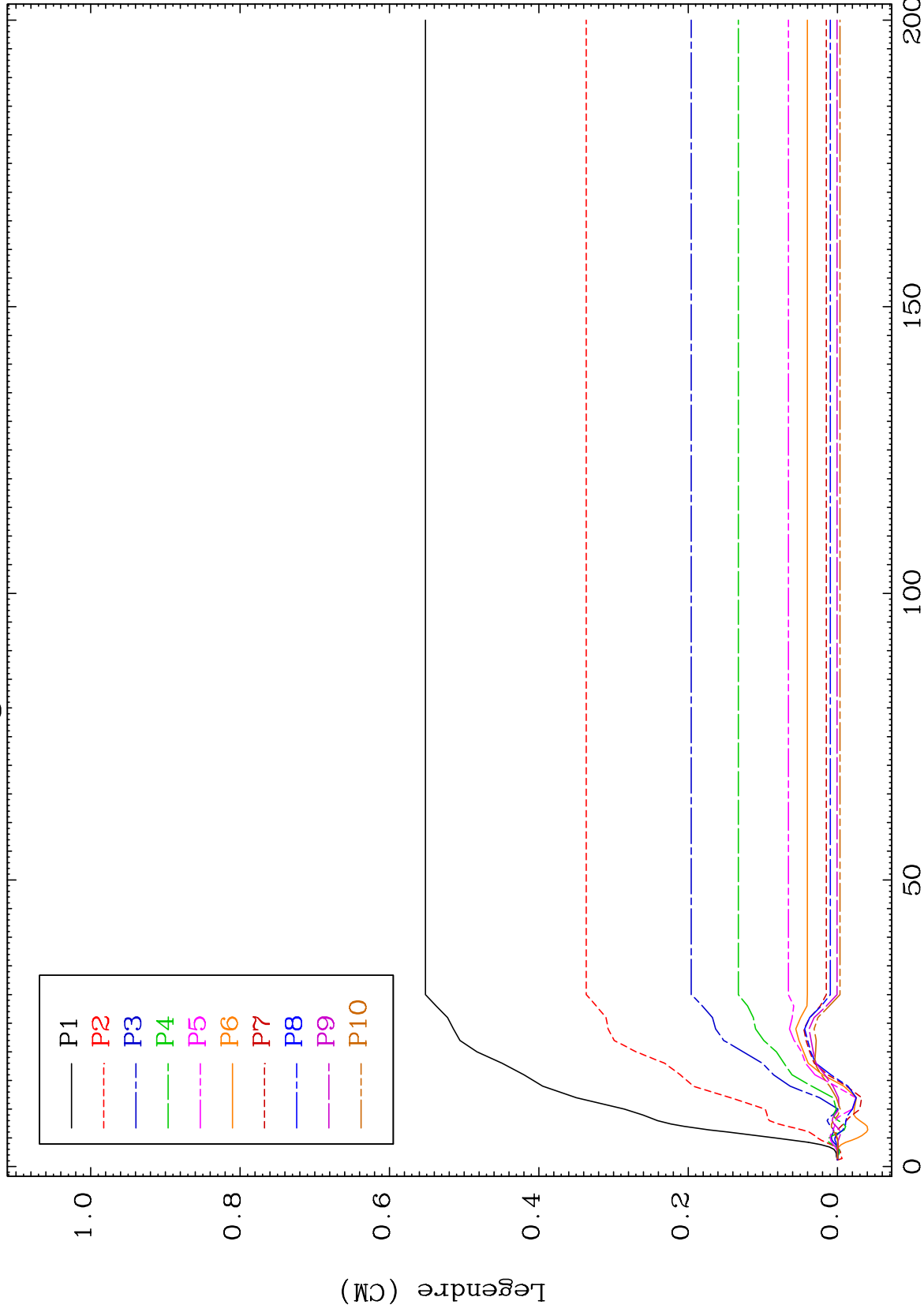
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



72

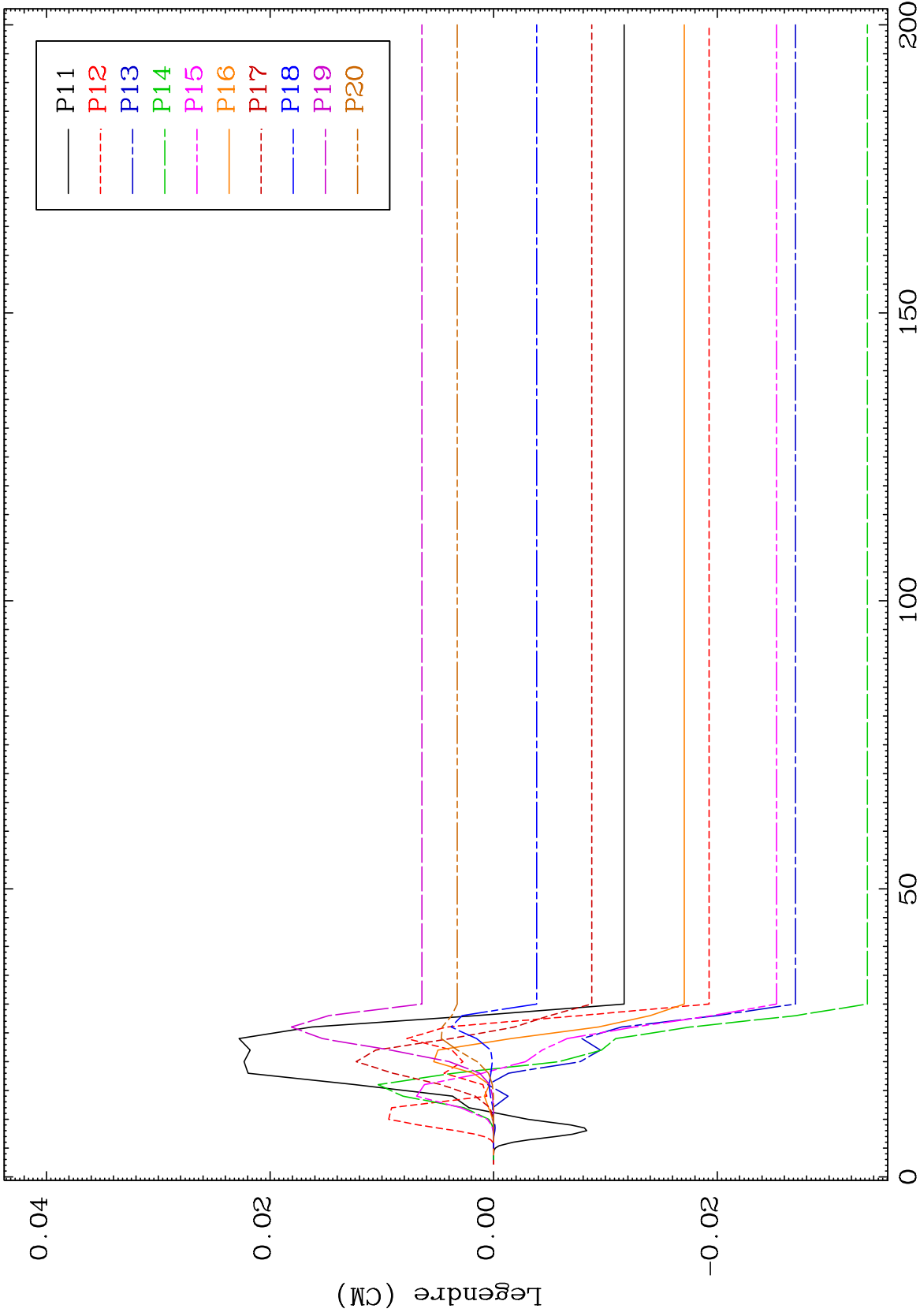
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



73

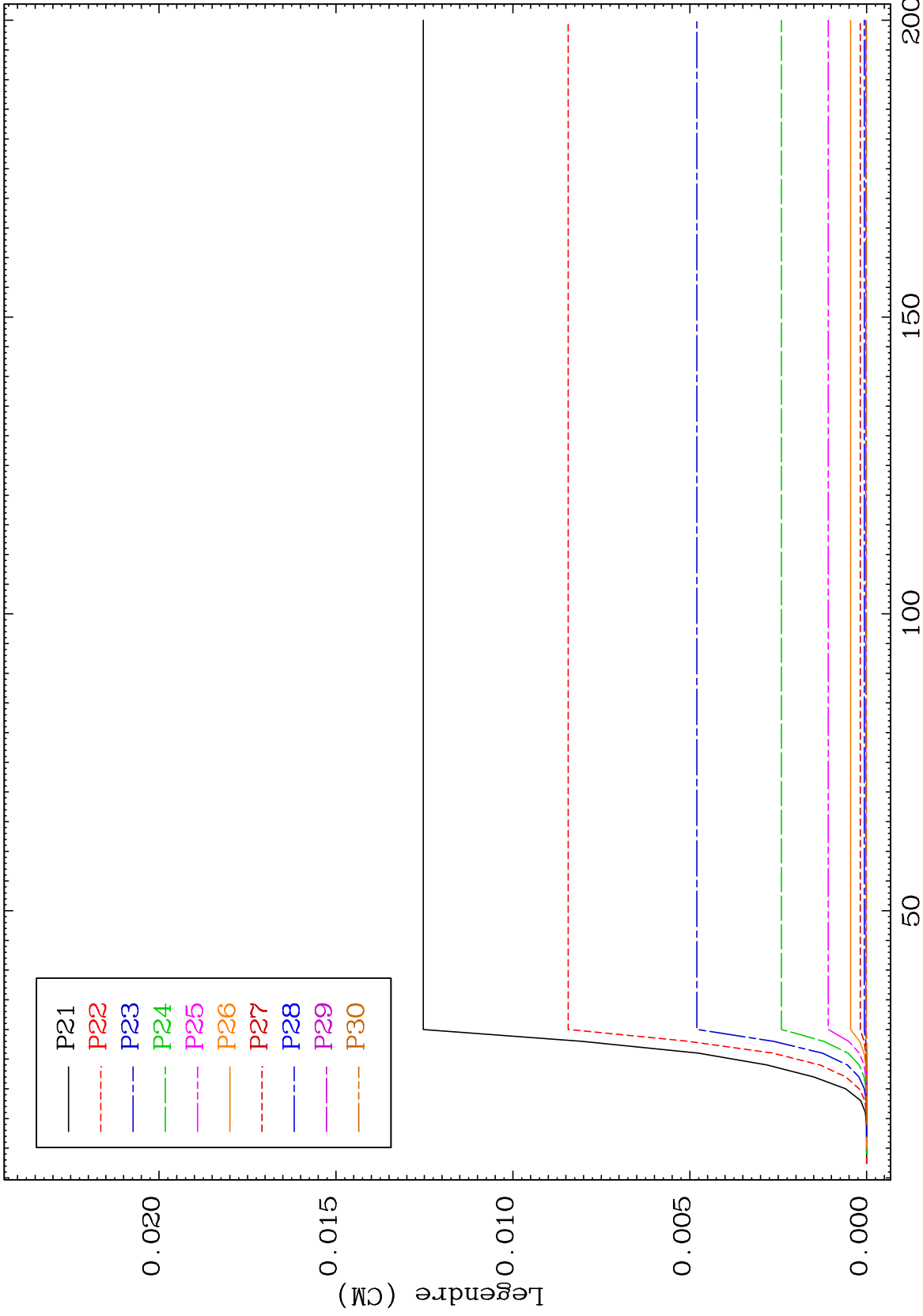
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



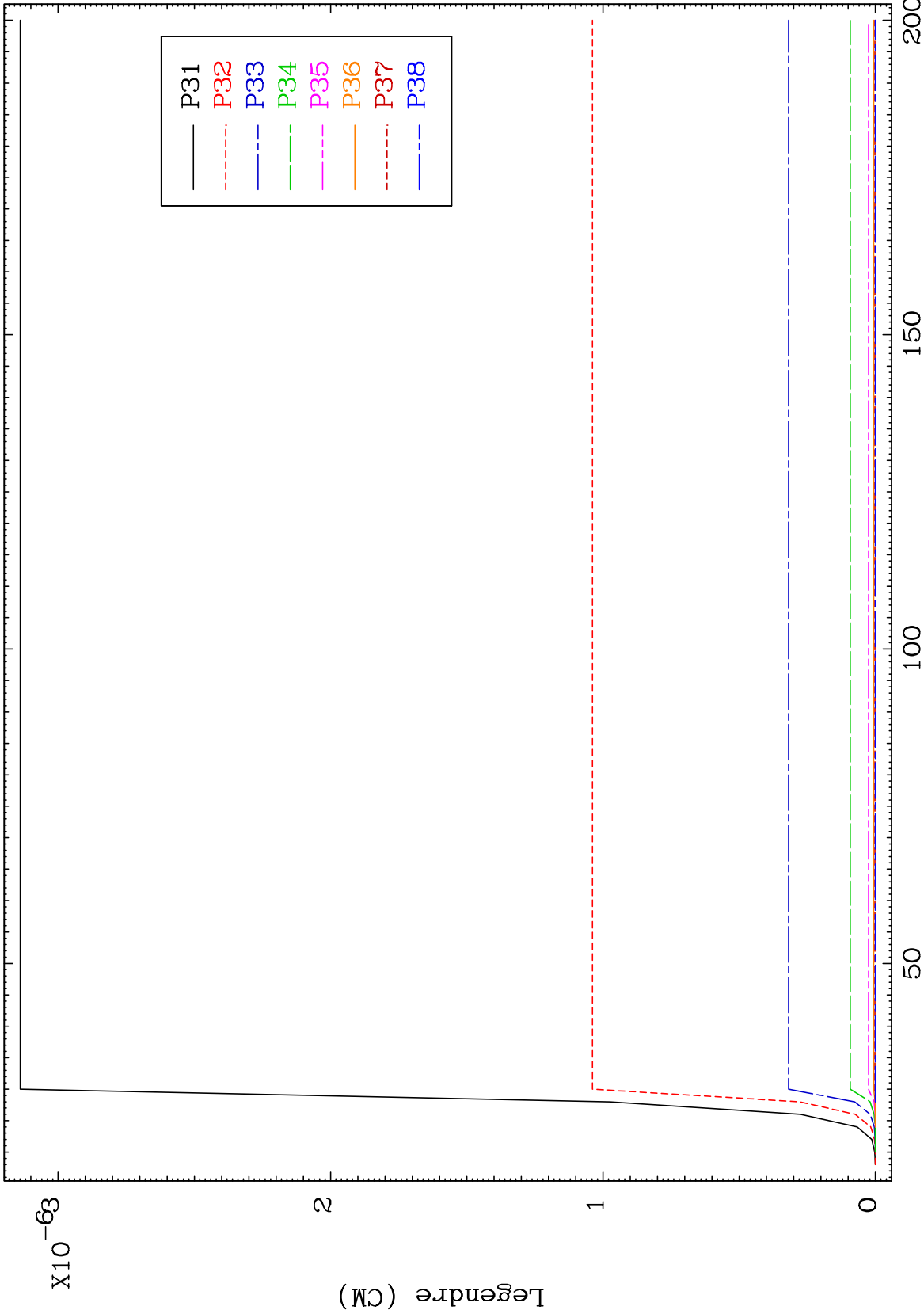
74

85-At-207

MAT 8537

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

85-At-207



75

Incident Energy (MeV)

50

100

150

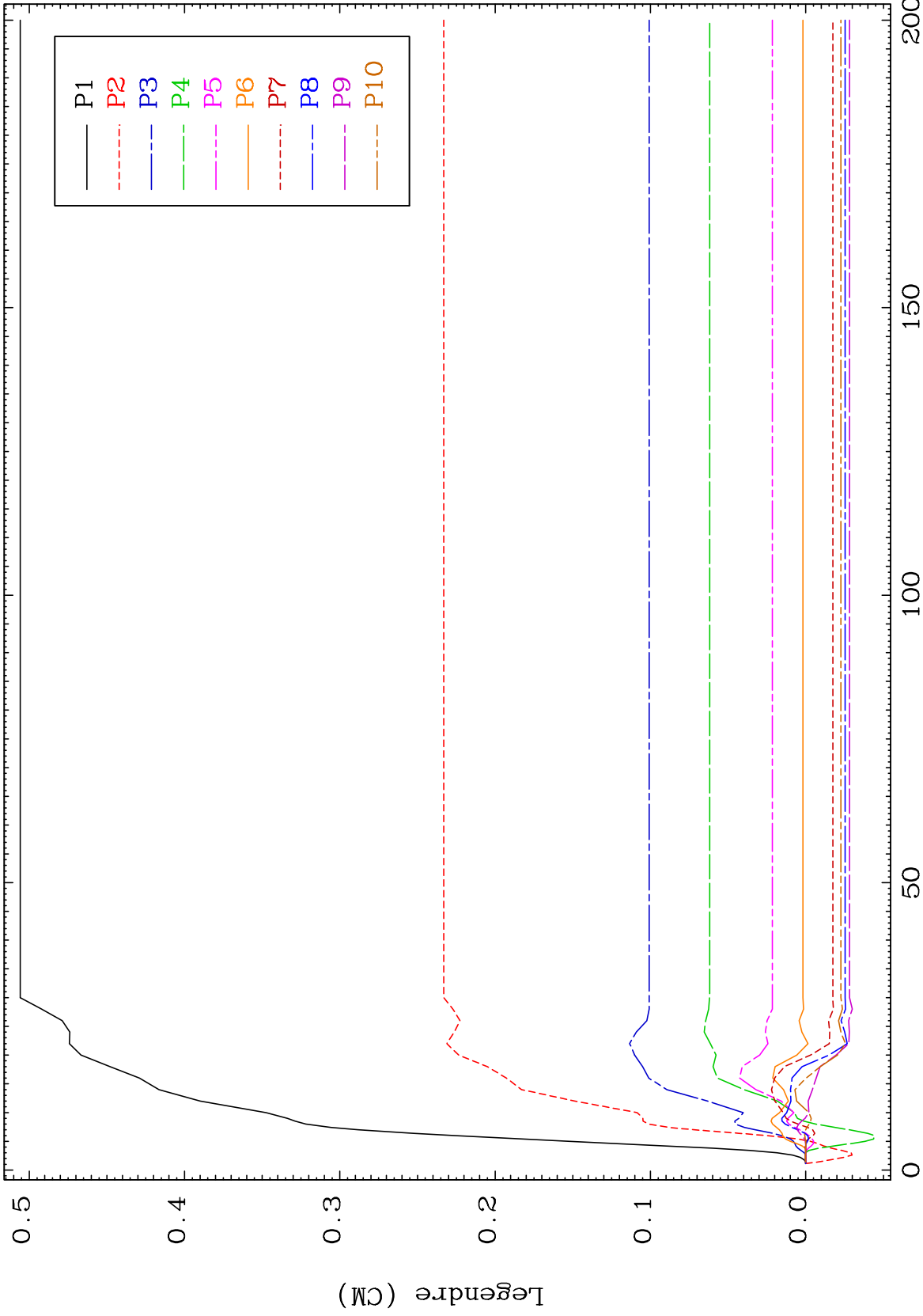
200

85-At-207

MAT 8537

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

85-At-207



76

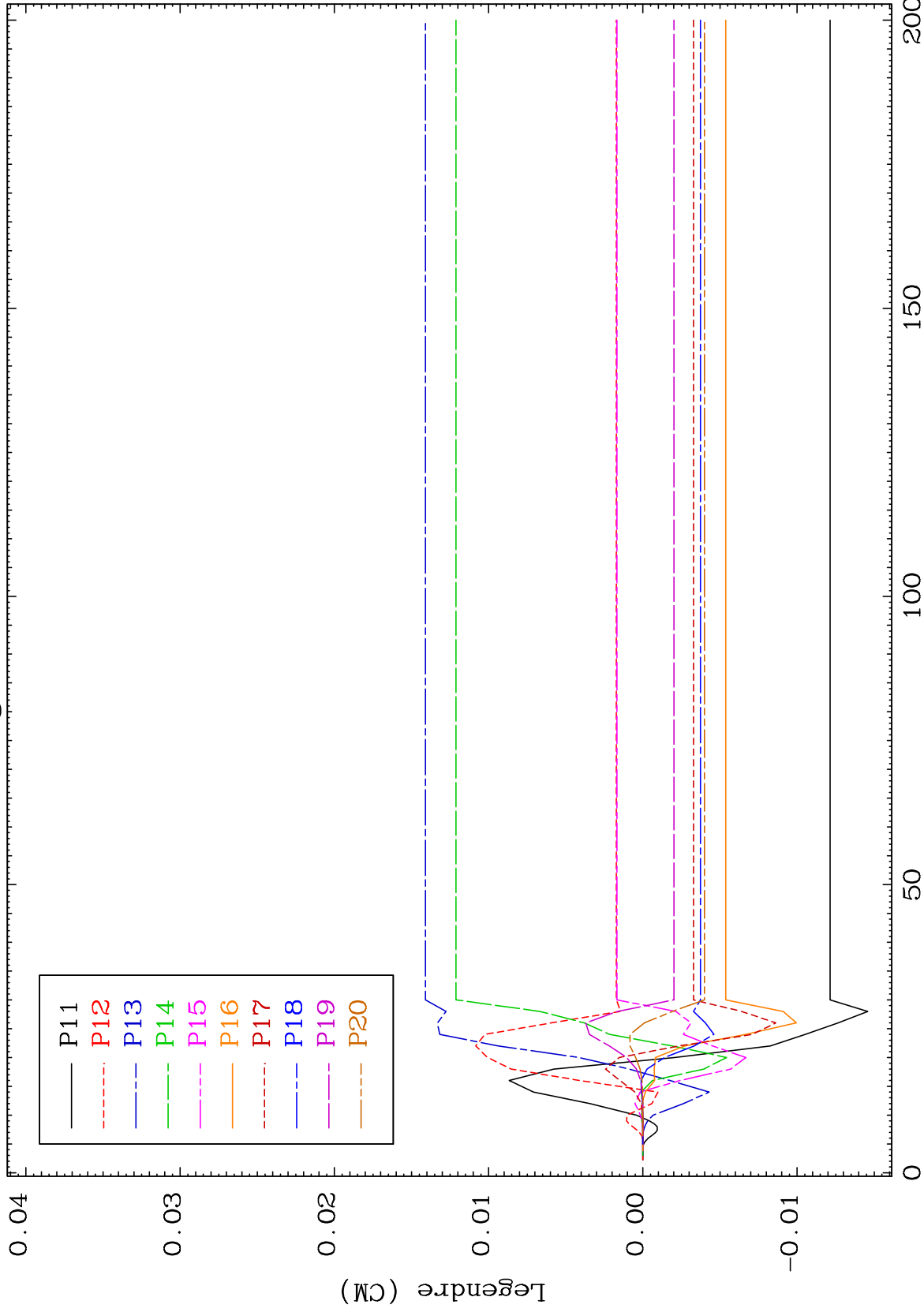
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



77

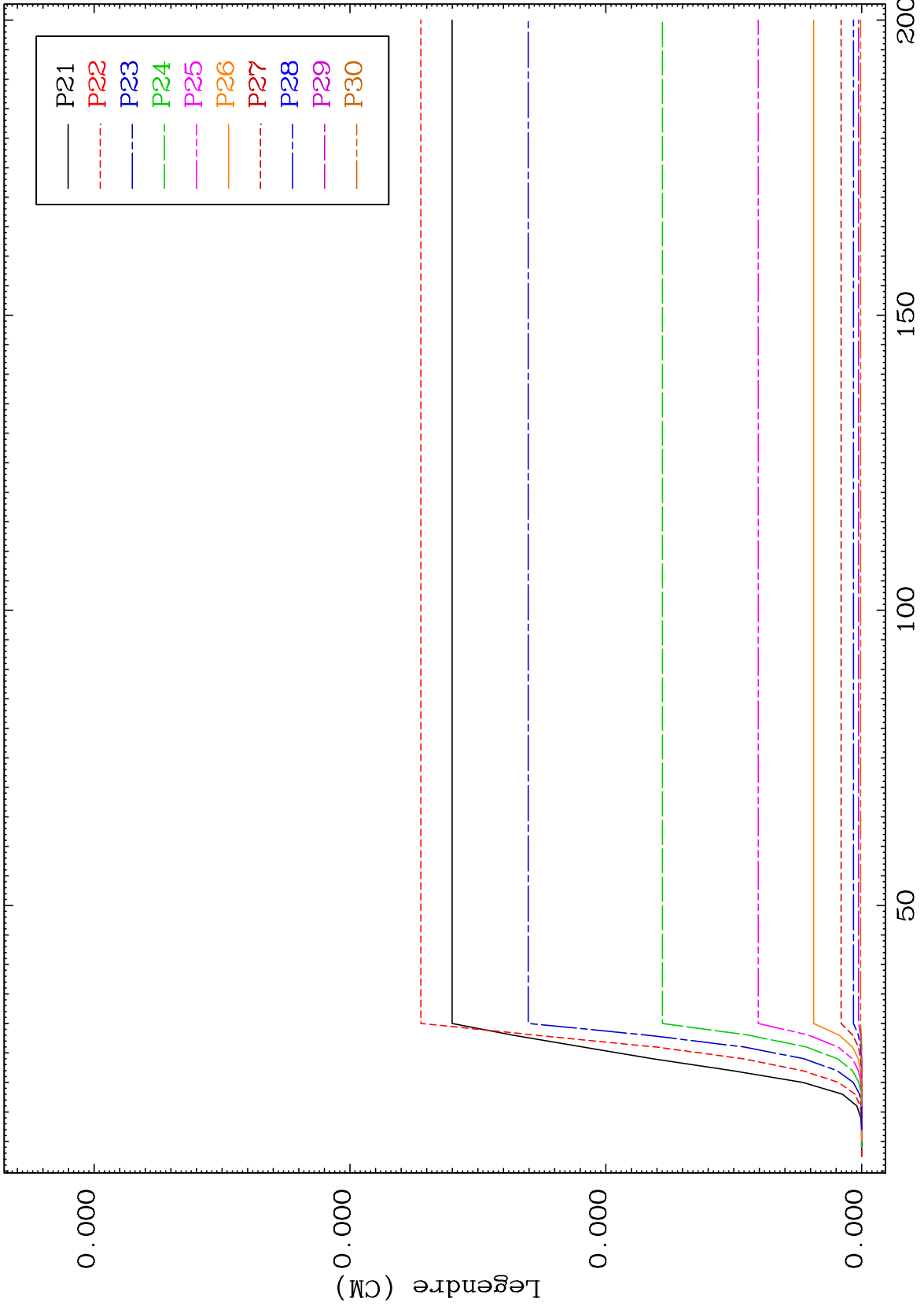
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



78

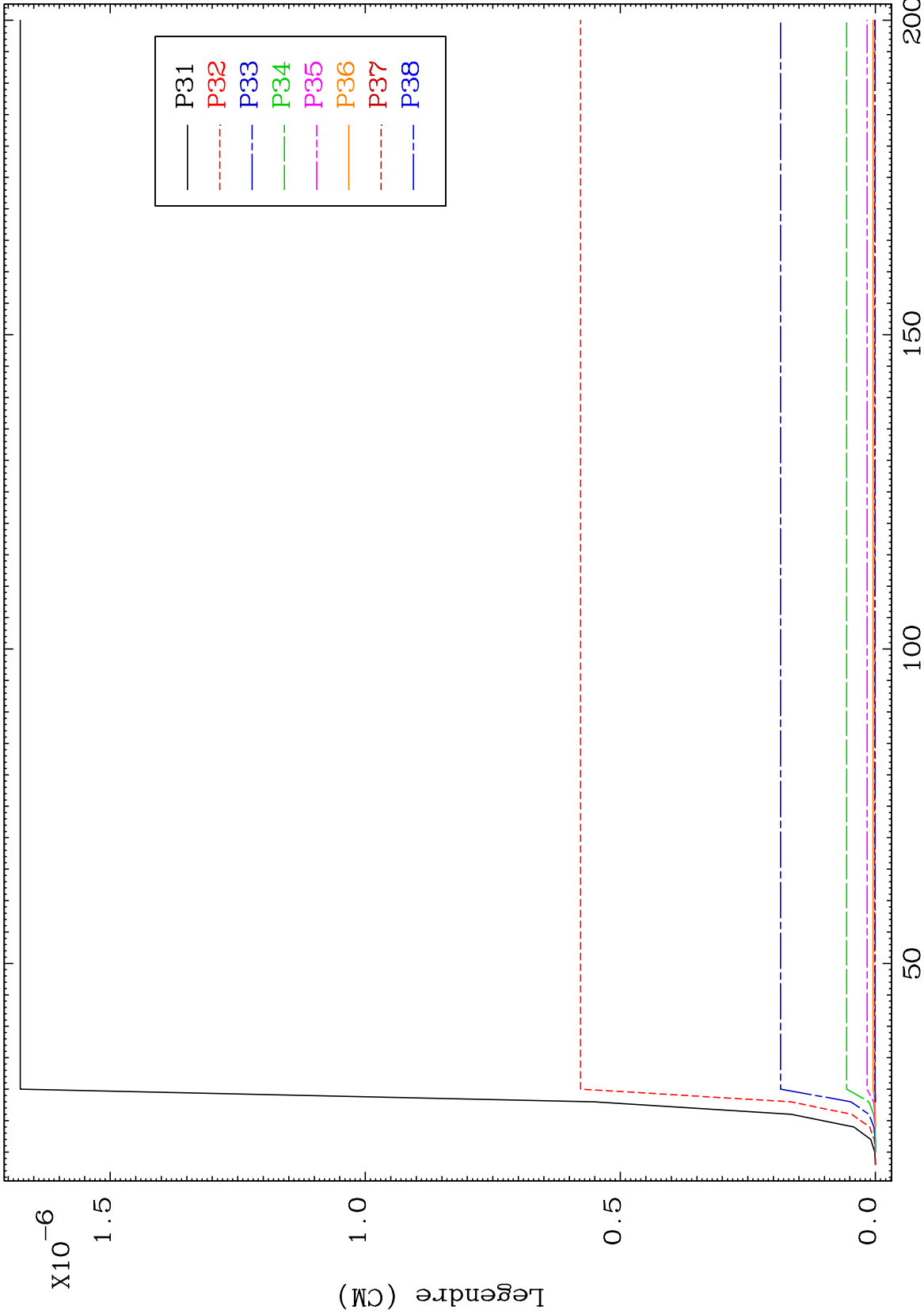
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



79

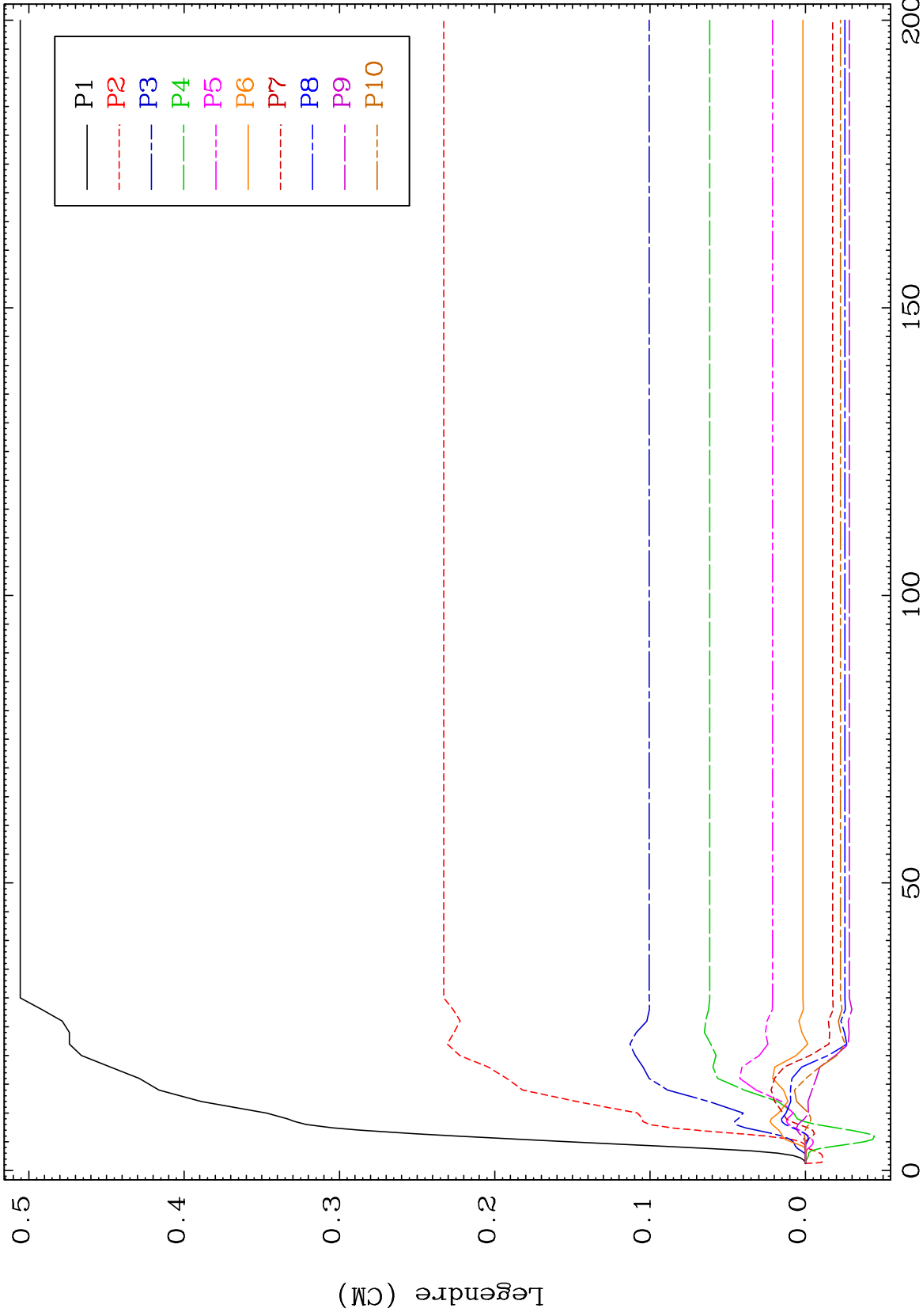
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



80

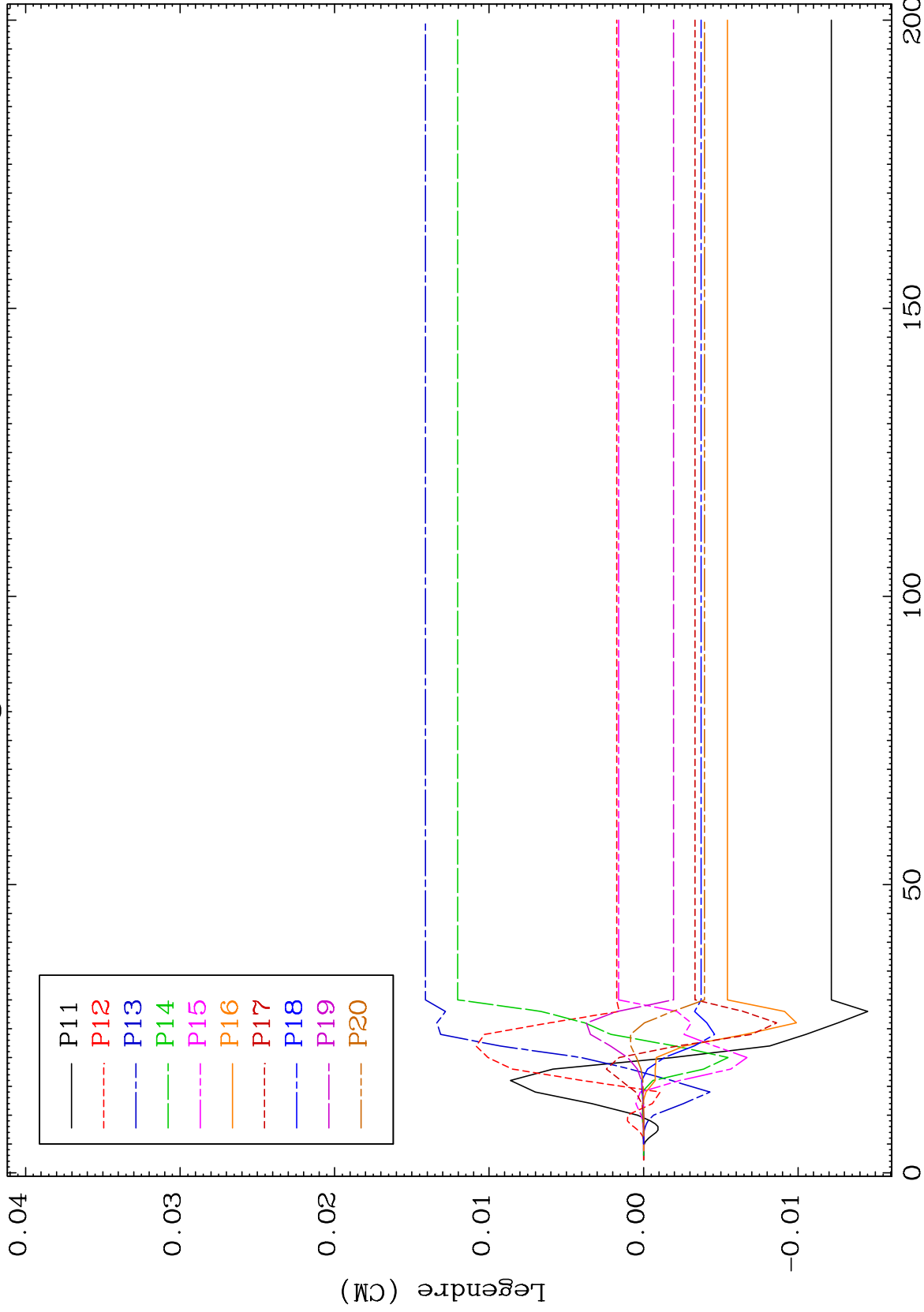
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



81

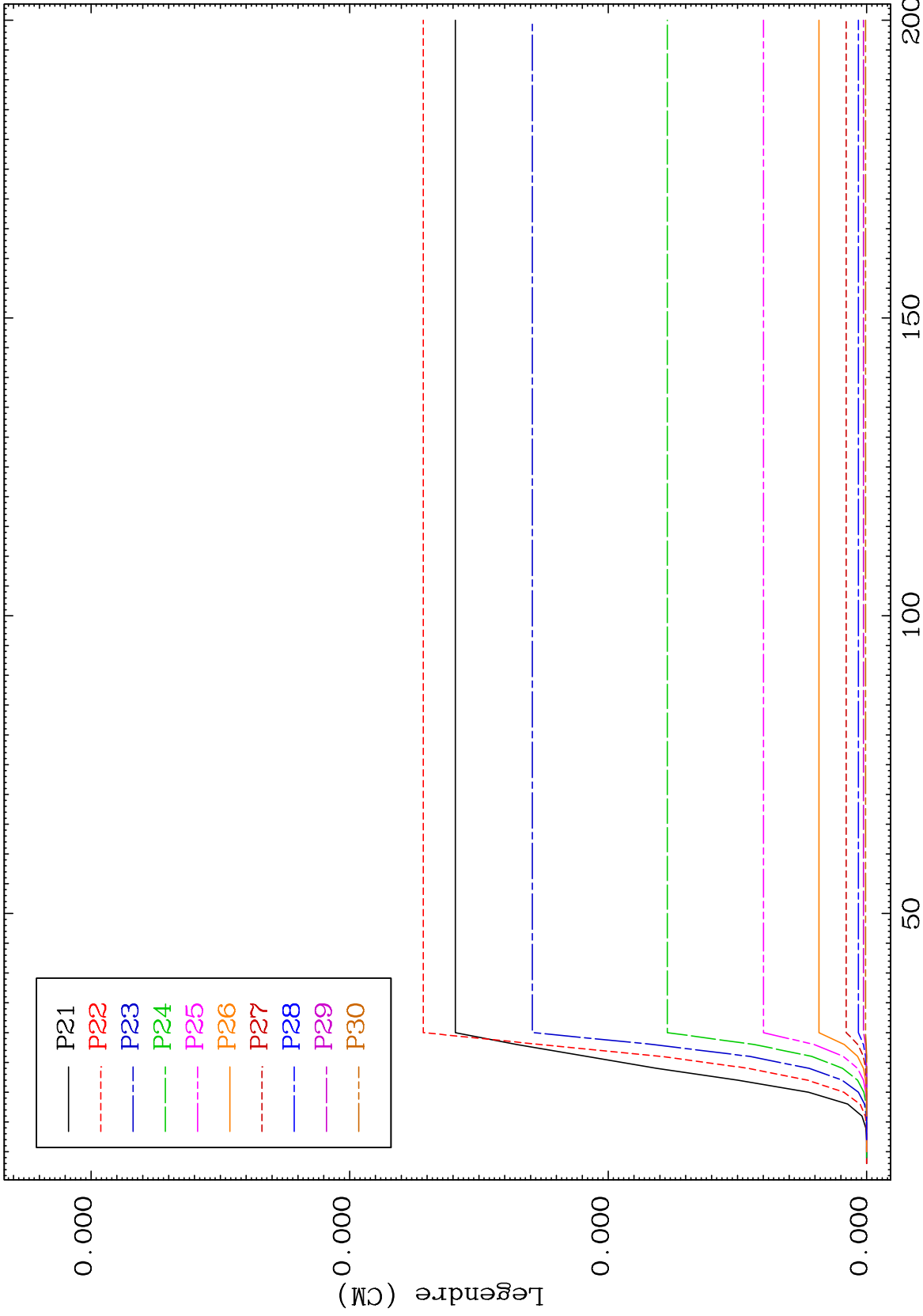
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



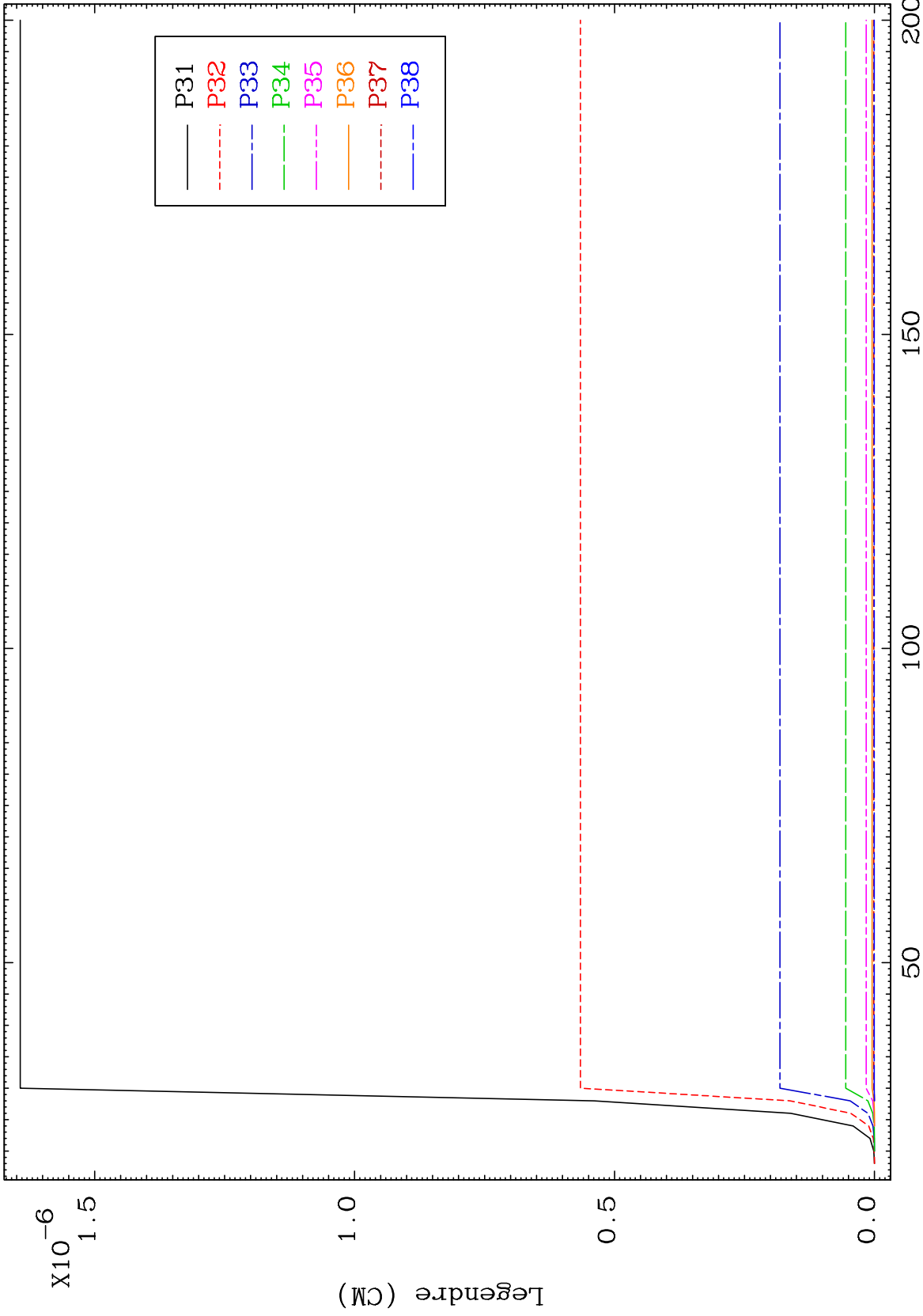
82

85-At-207

MAT 8537

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

85-At-207



83

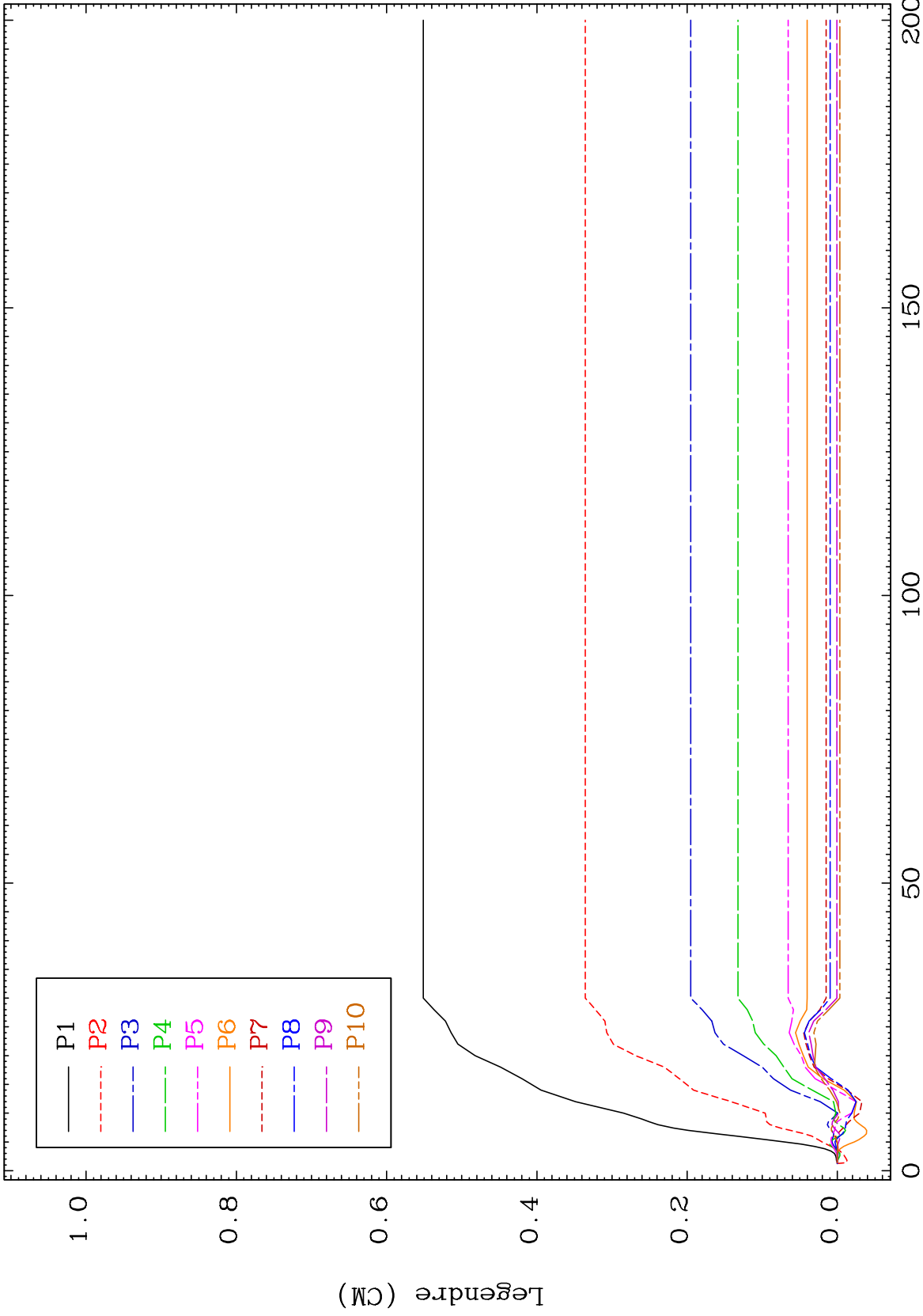
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



84

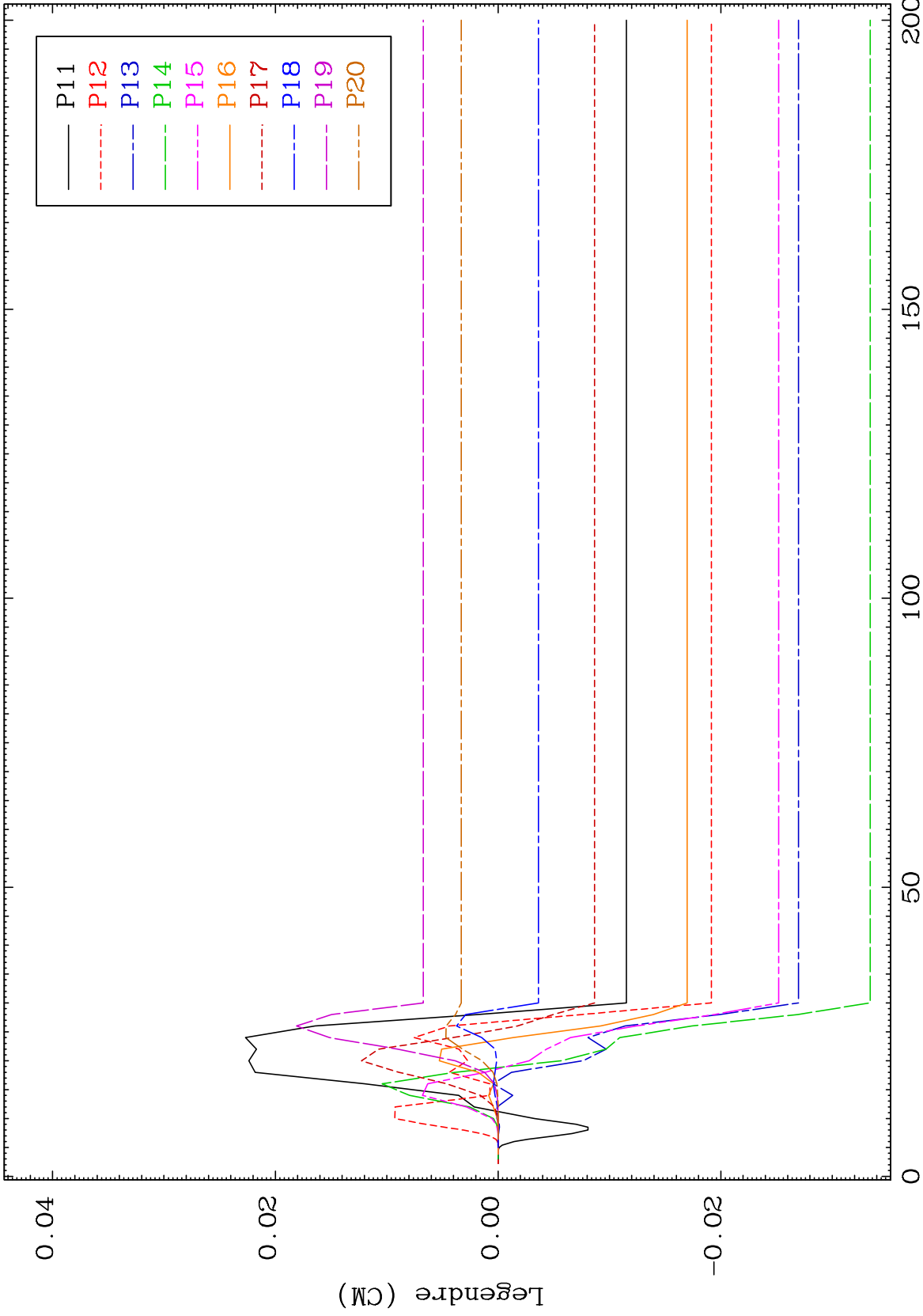
Incident Energy (MeV)

85-At-207

MAT 8537

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

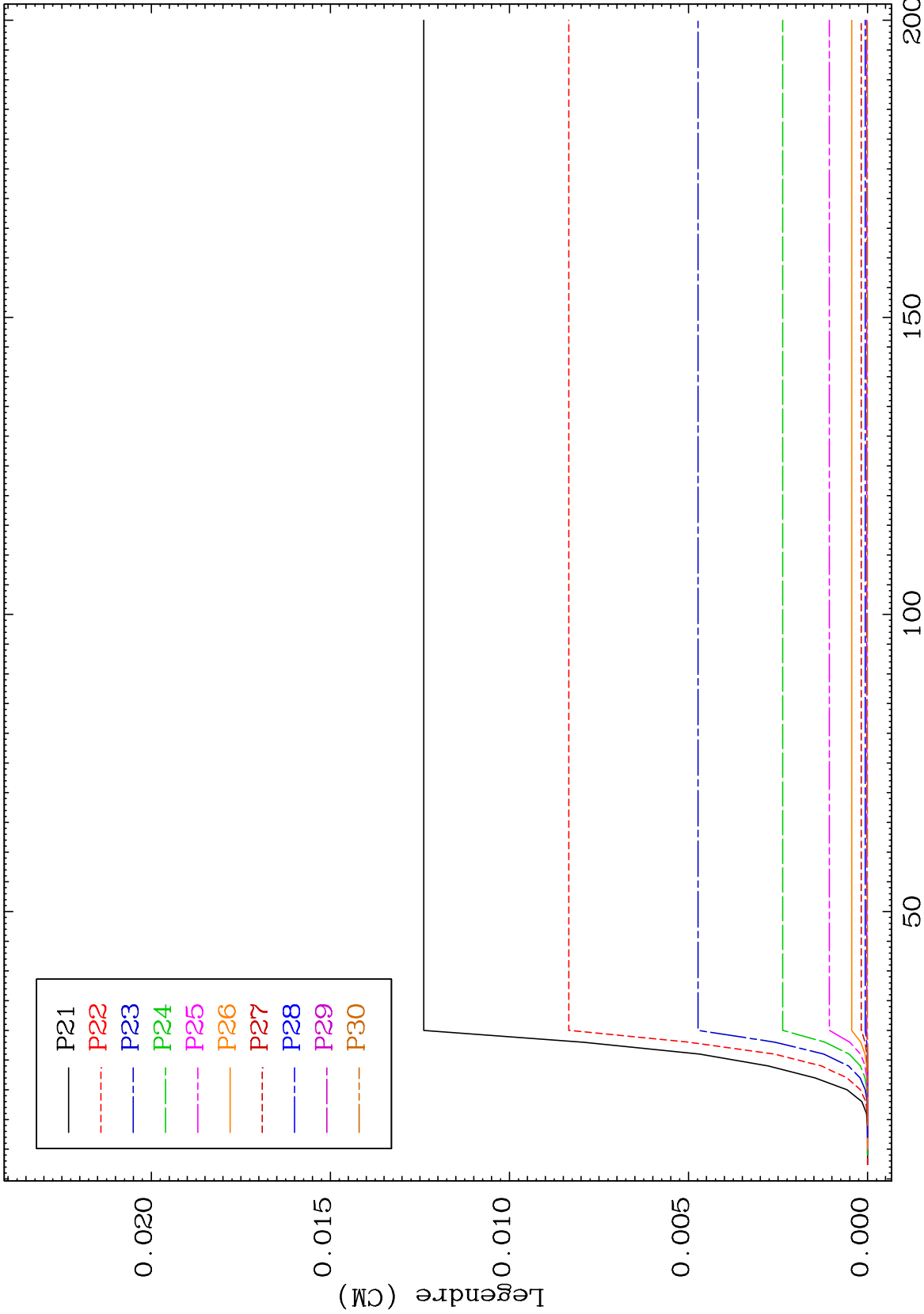
85-At-207



85

Incident Energy (MeV)

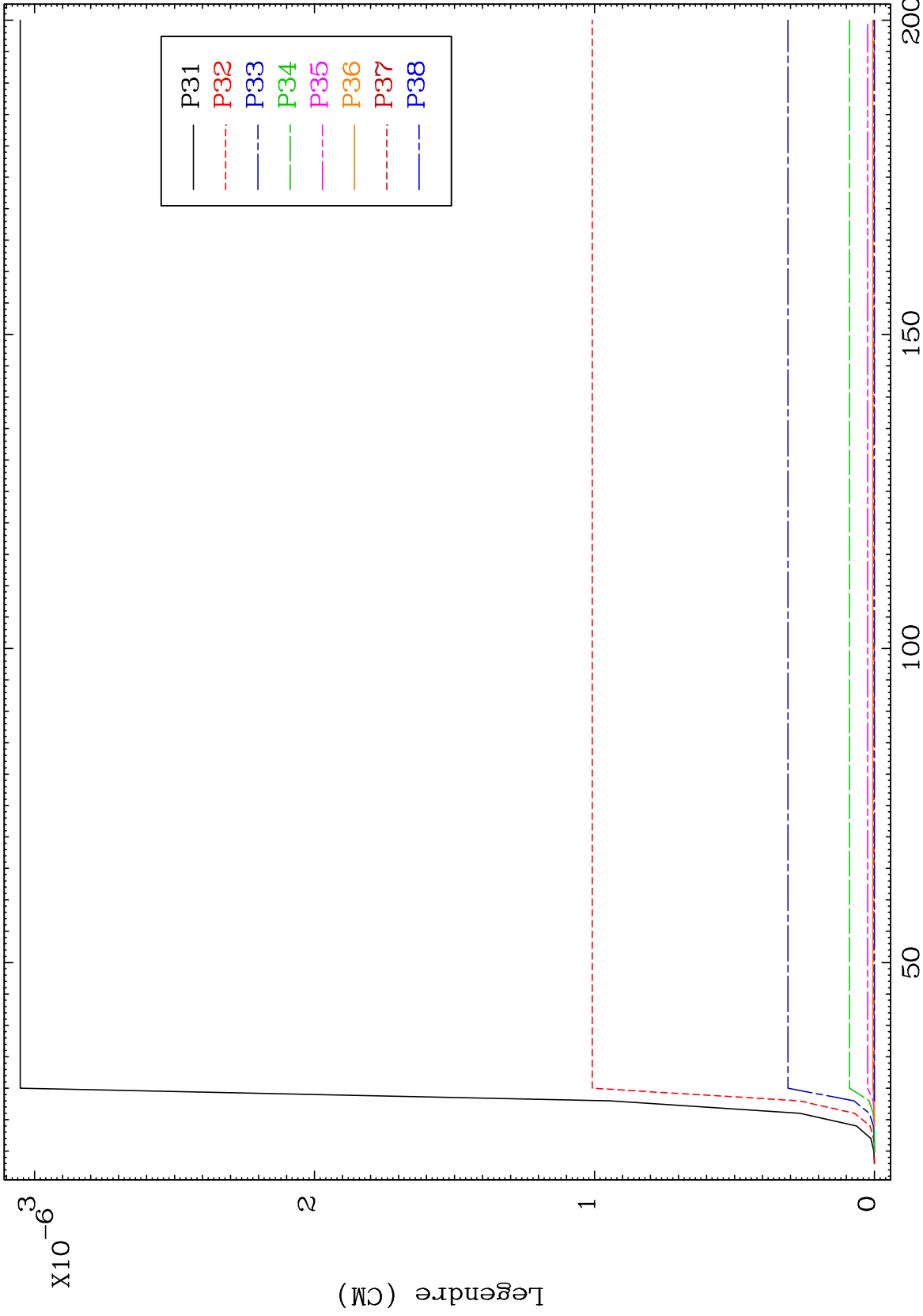
85-At-207



MAT 8537

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

85-At-207



87

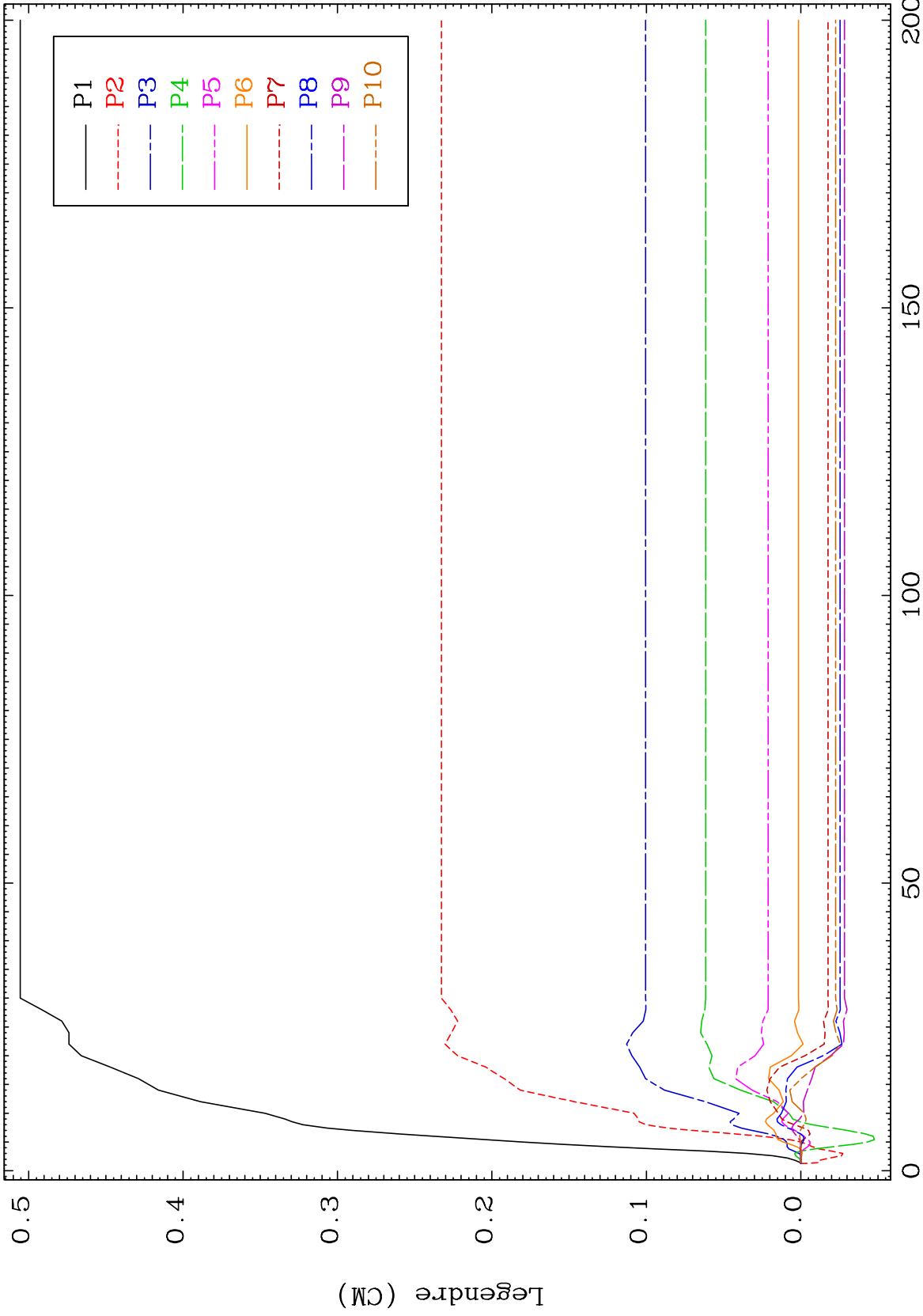
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



88

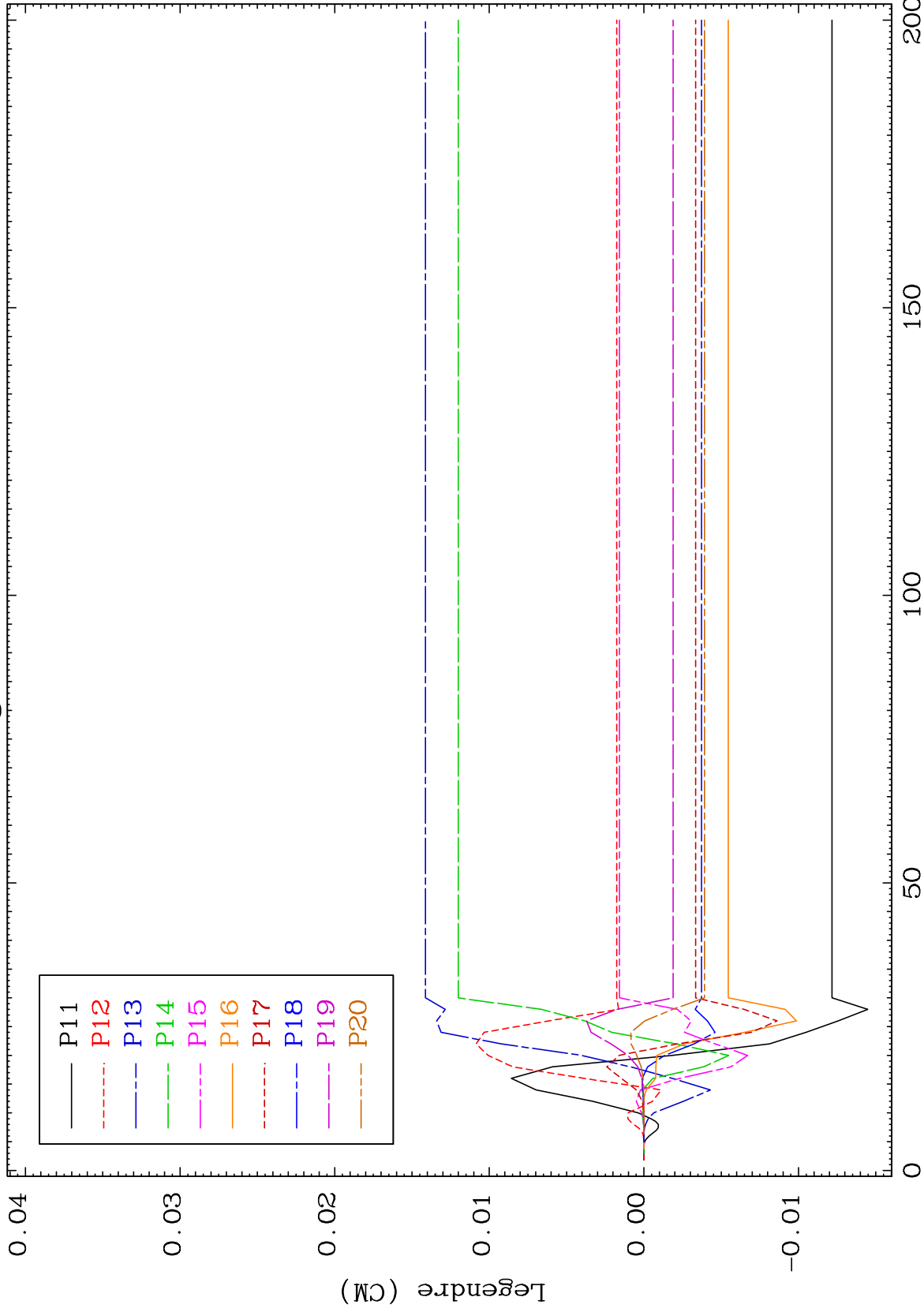
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



89

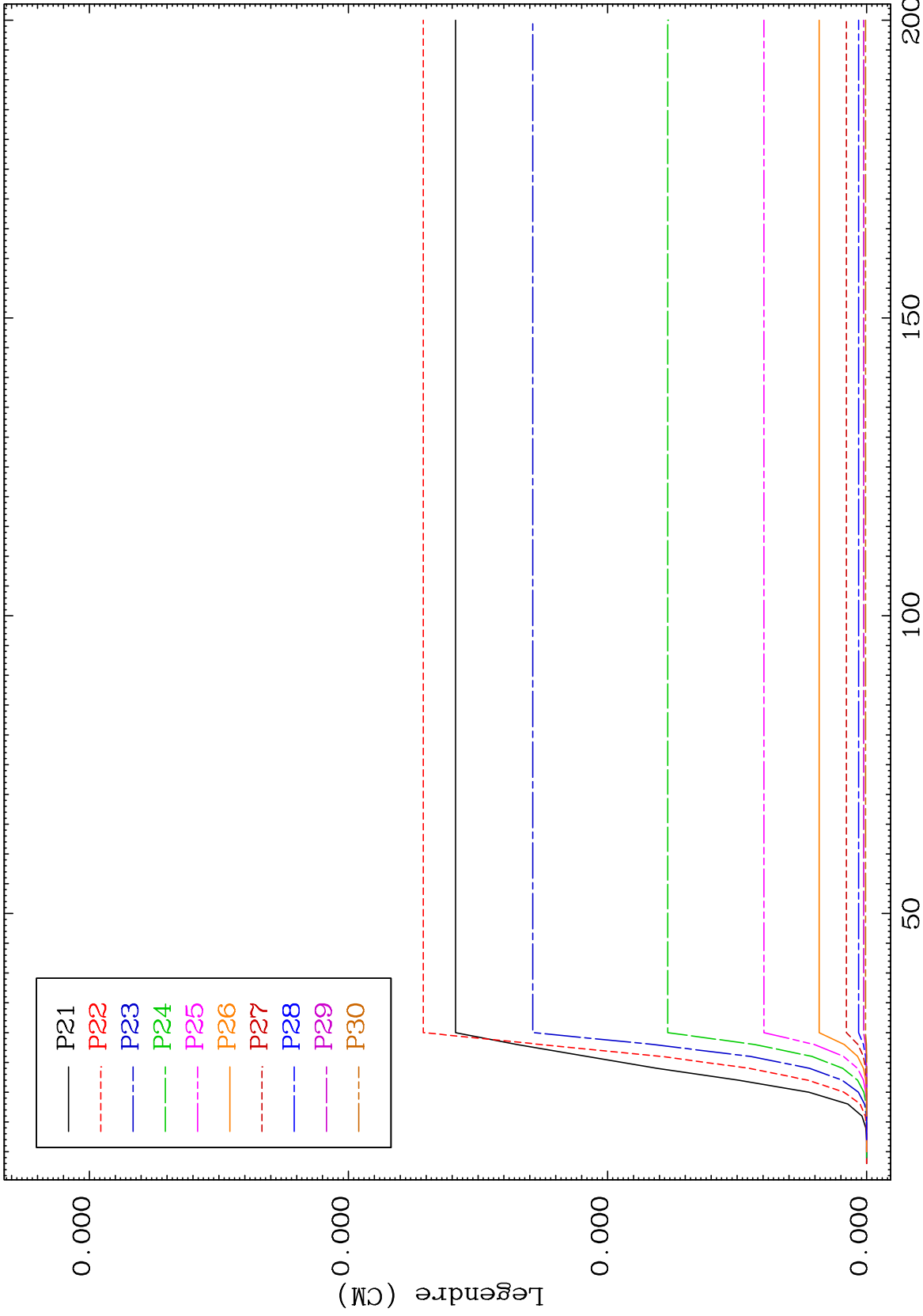
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



90

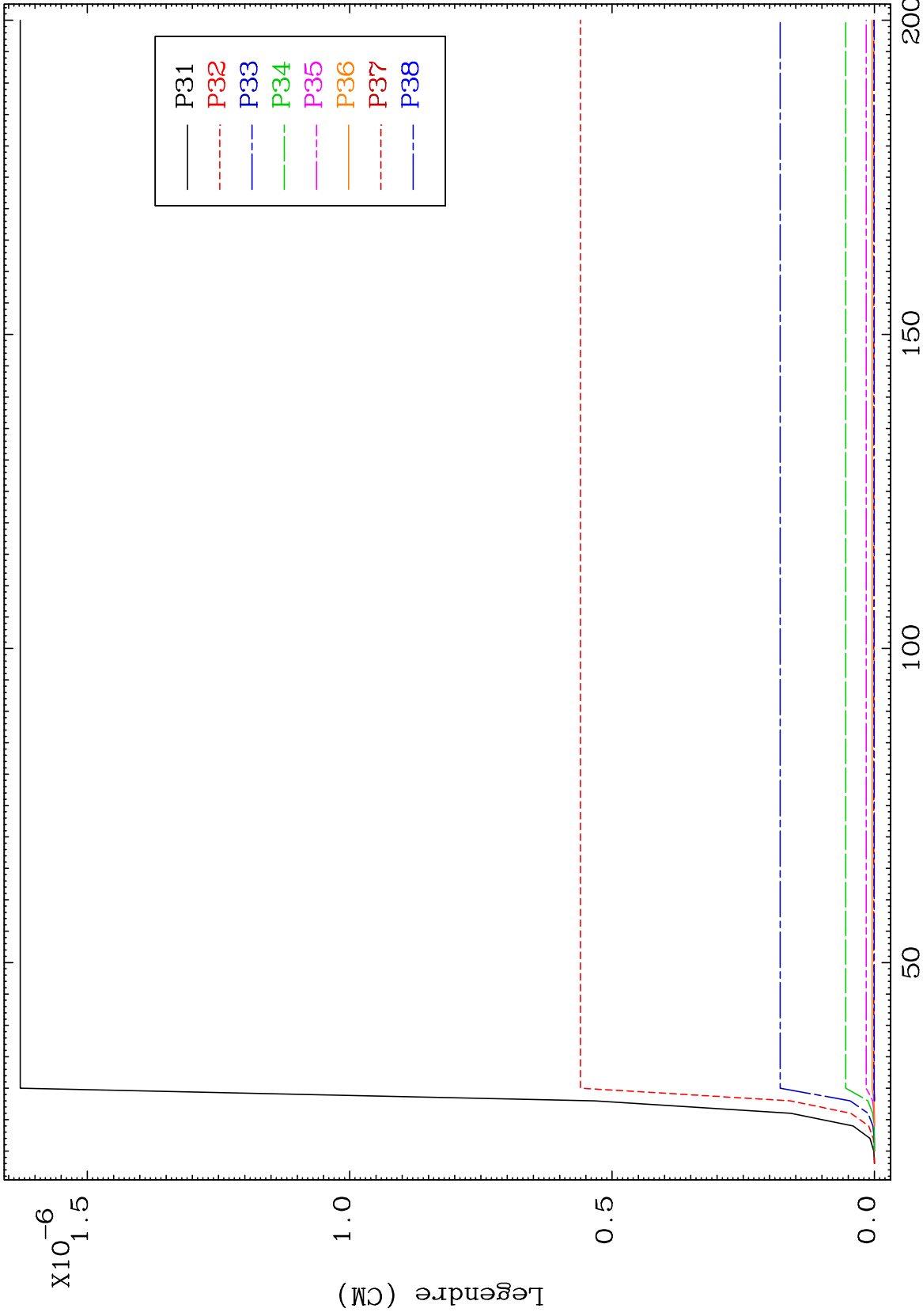
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



91

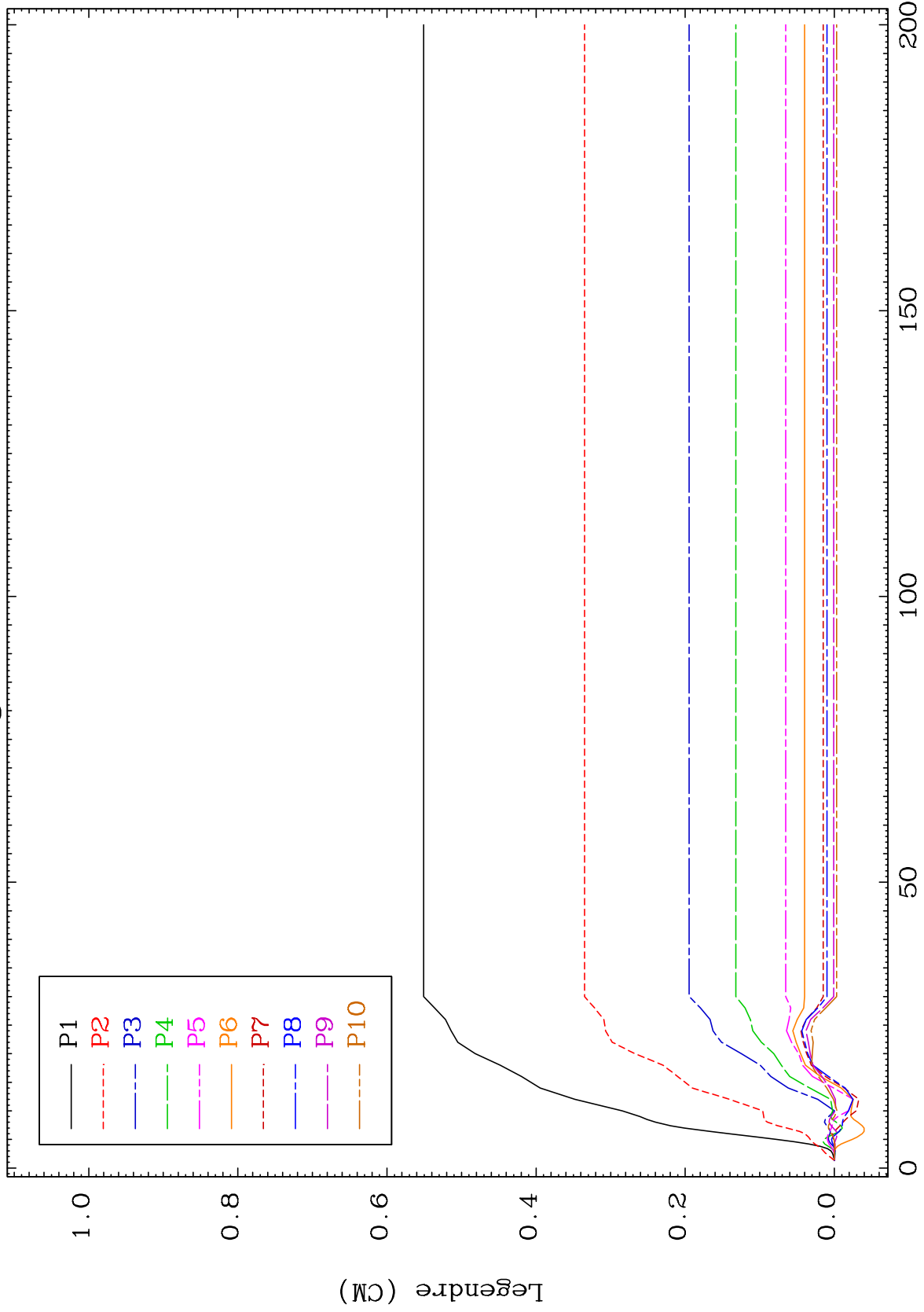
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



92

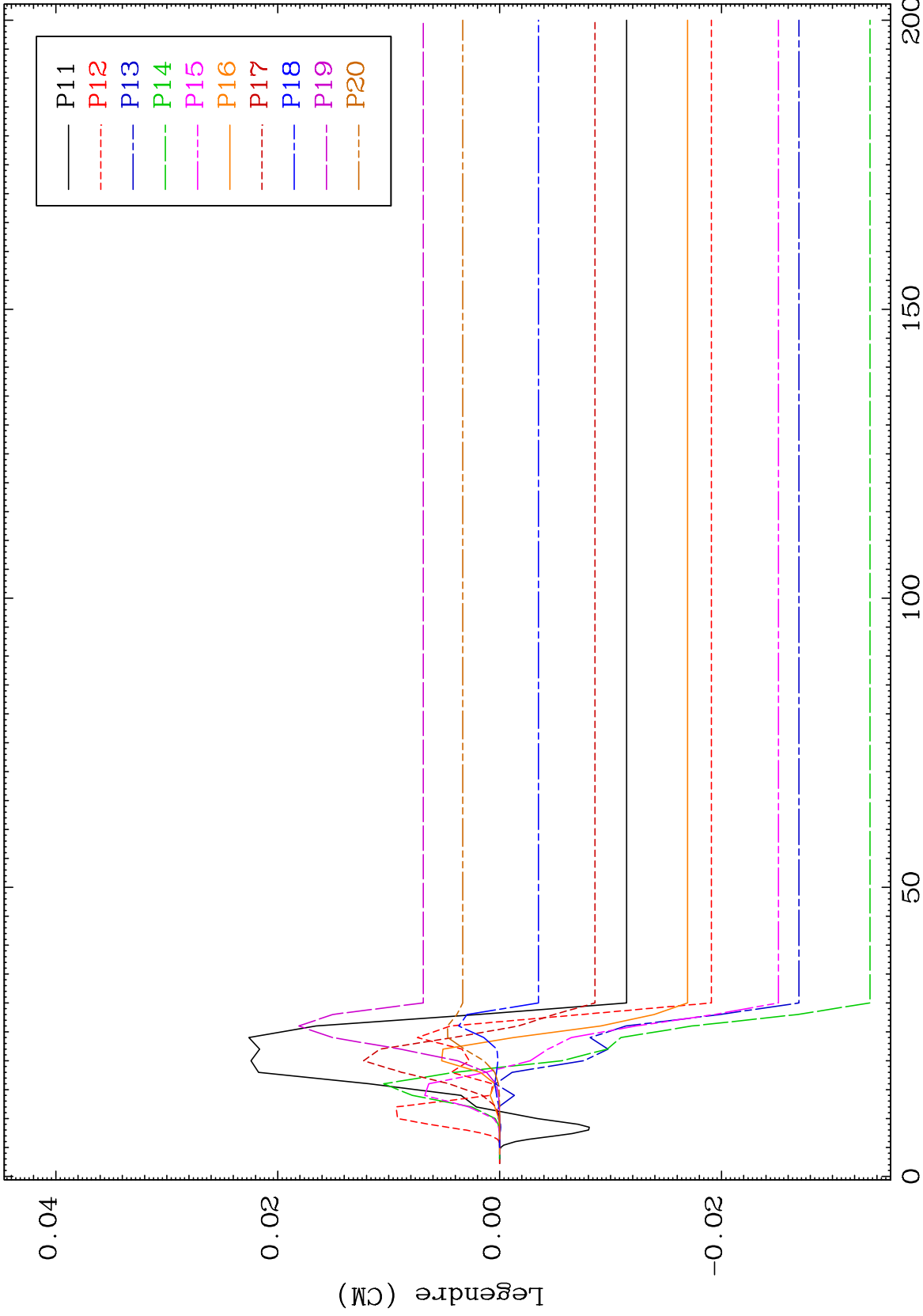
Incident Energy (MeV)

85-At-207

MAT 8537

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

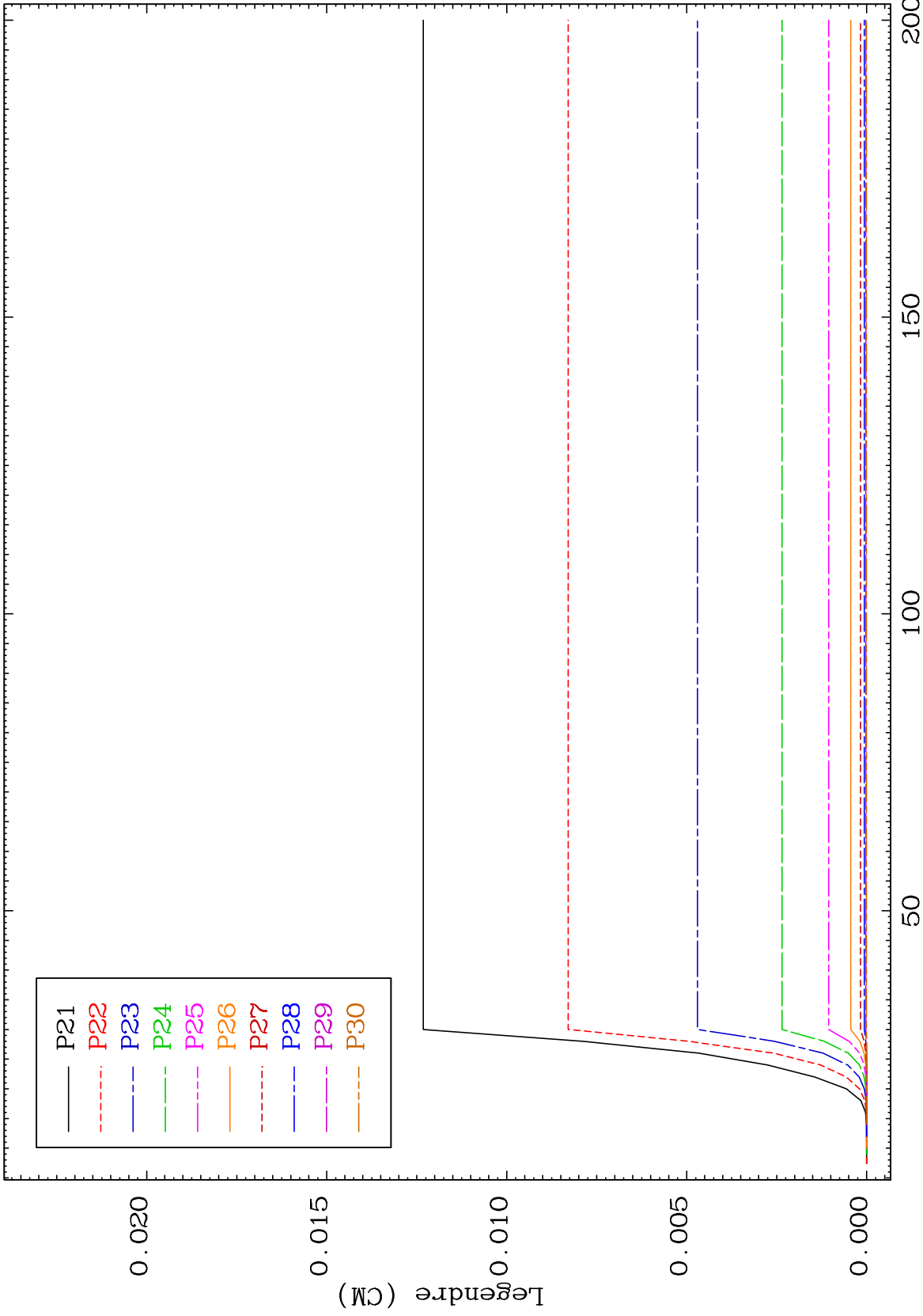
85-At-207



93

Incident Energy (MeV)

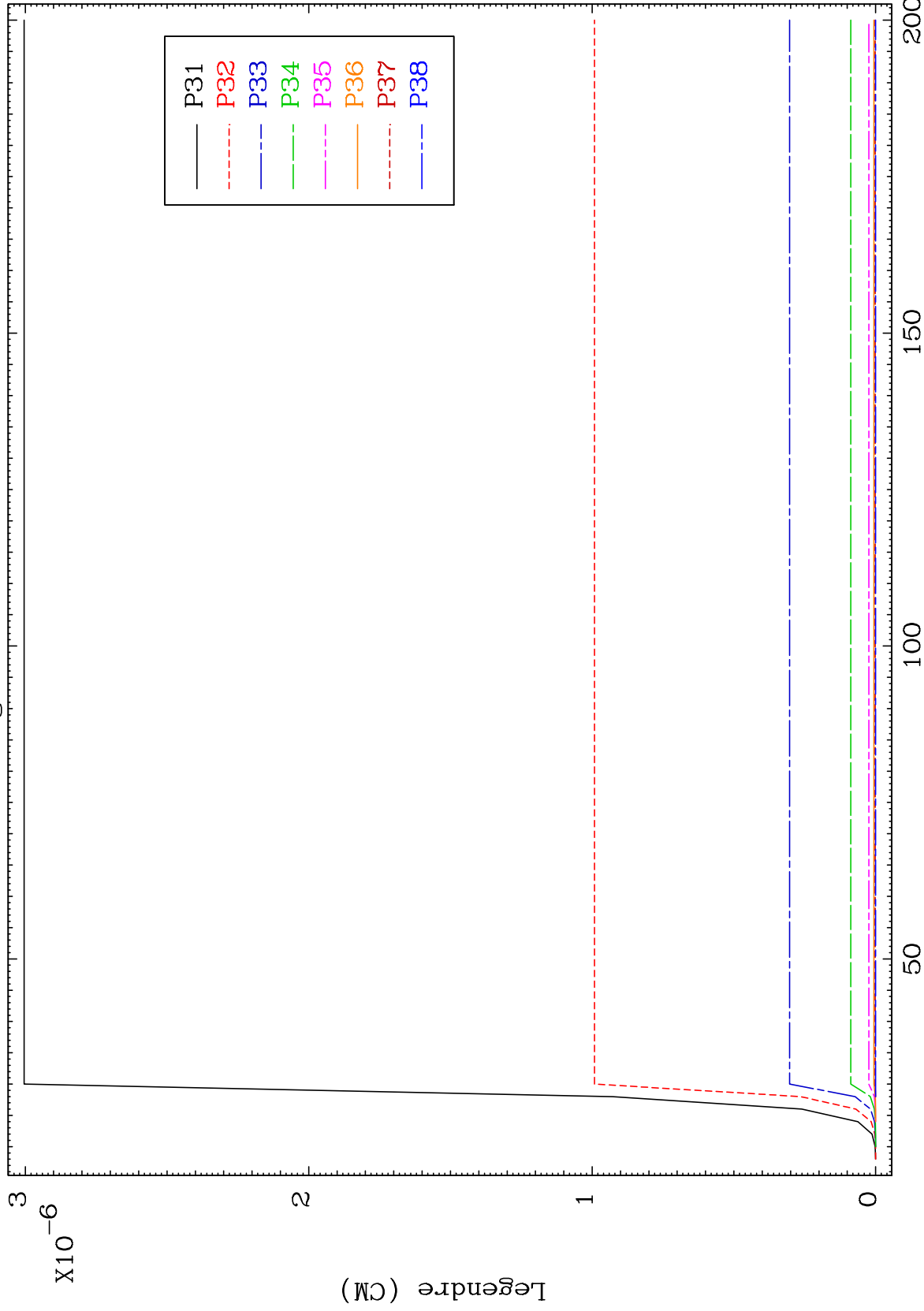
85-At-207



MAT 8537

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

85-At-207



95

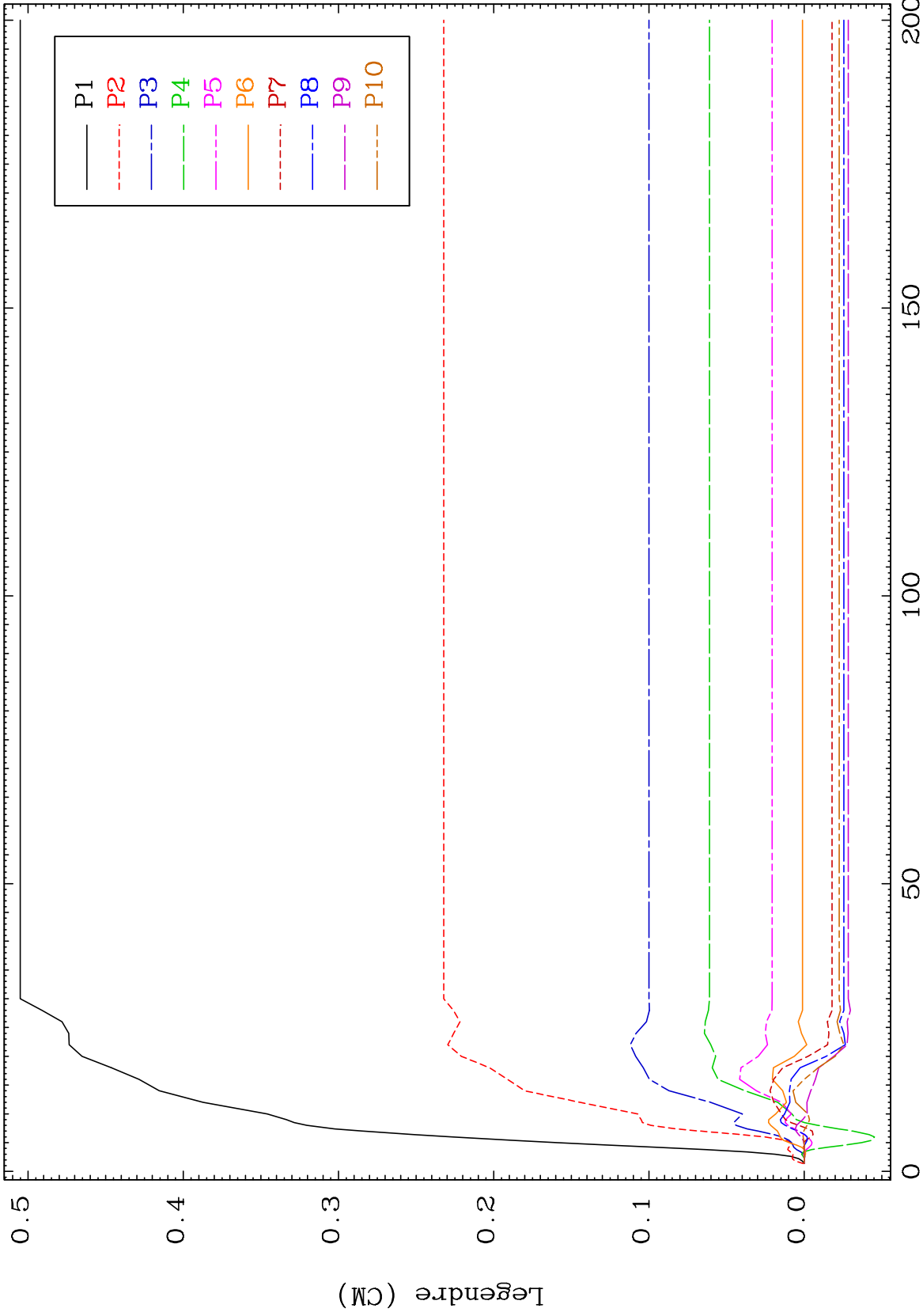
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



96

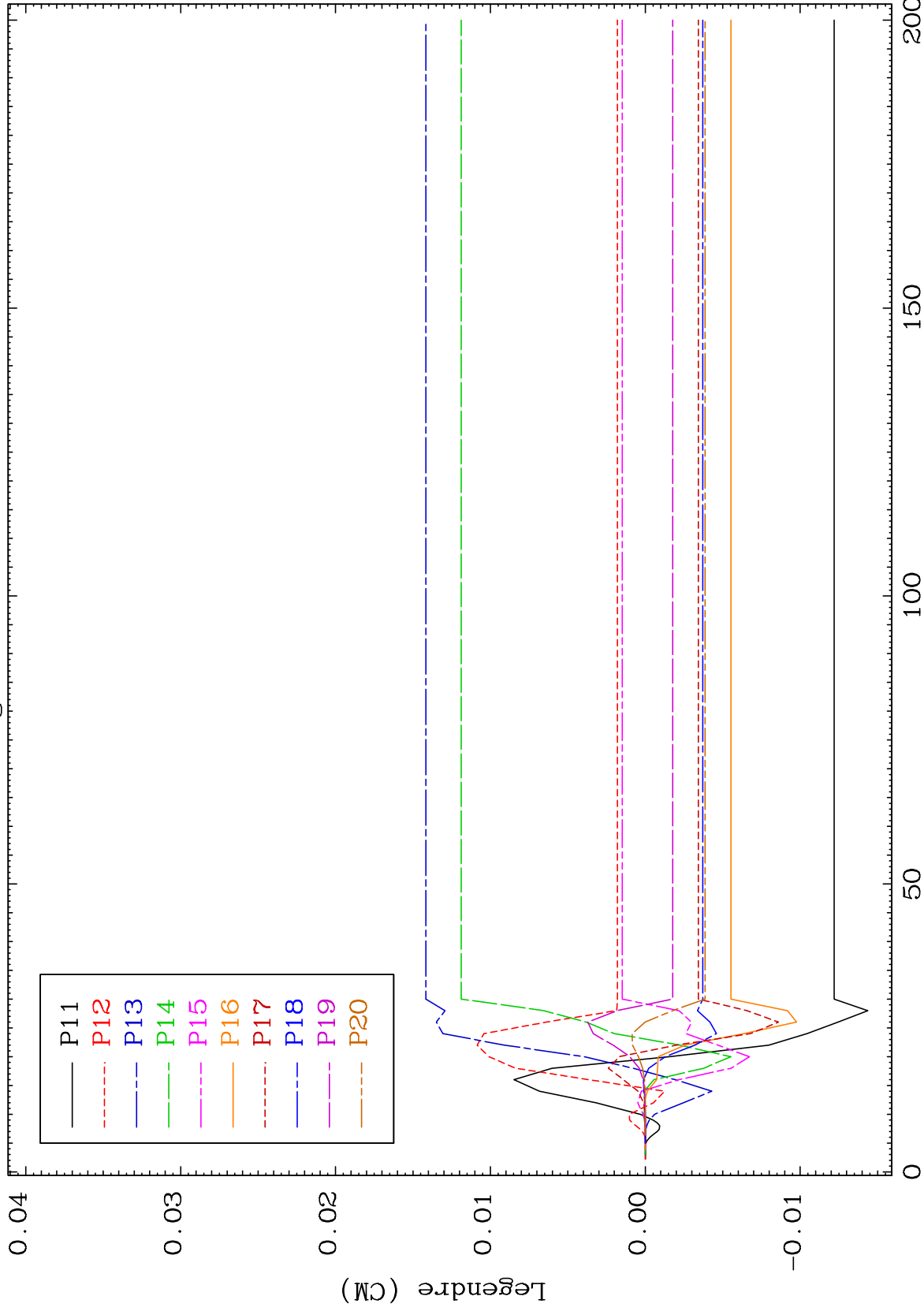
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



97

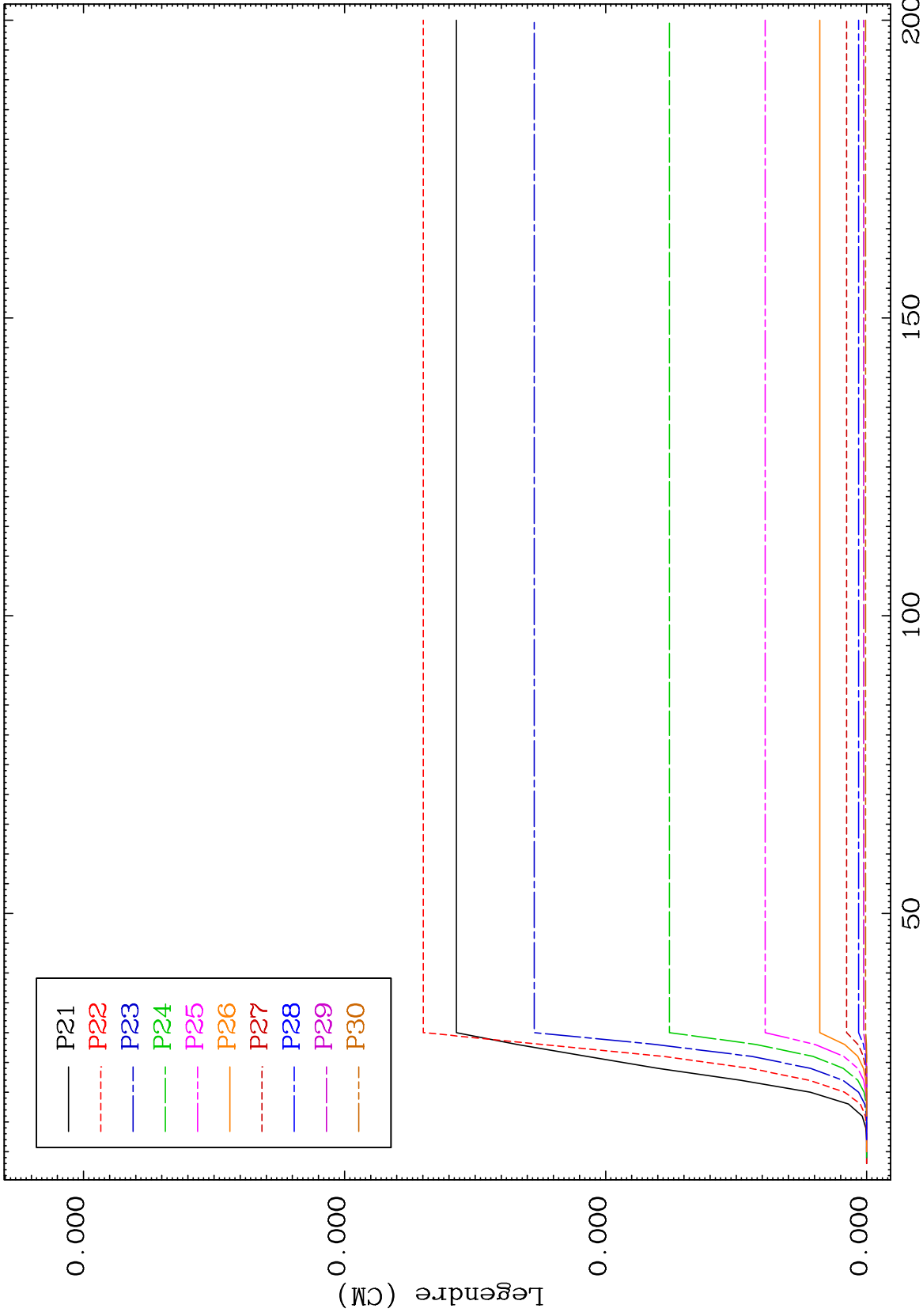
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



98

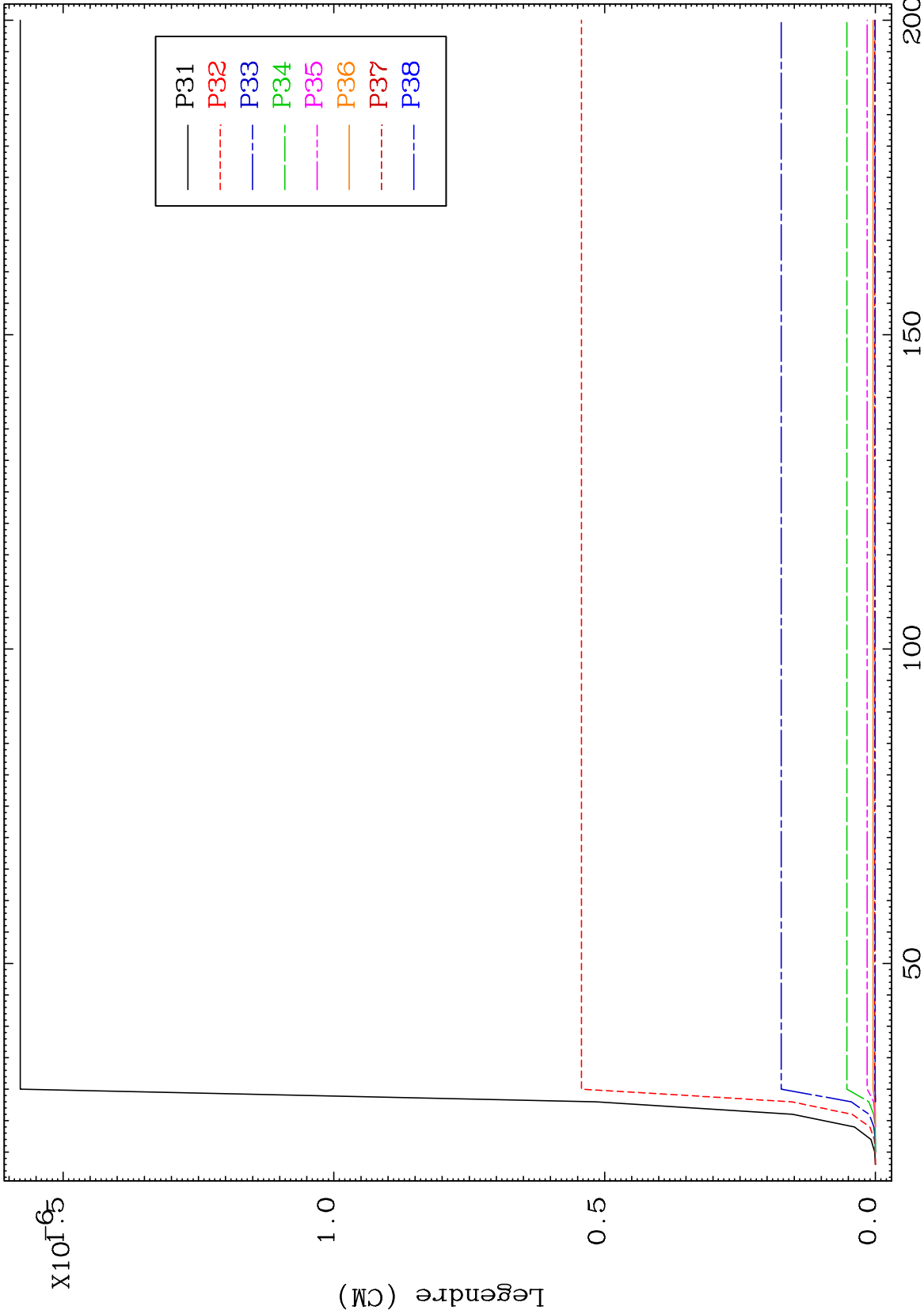
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



99

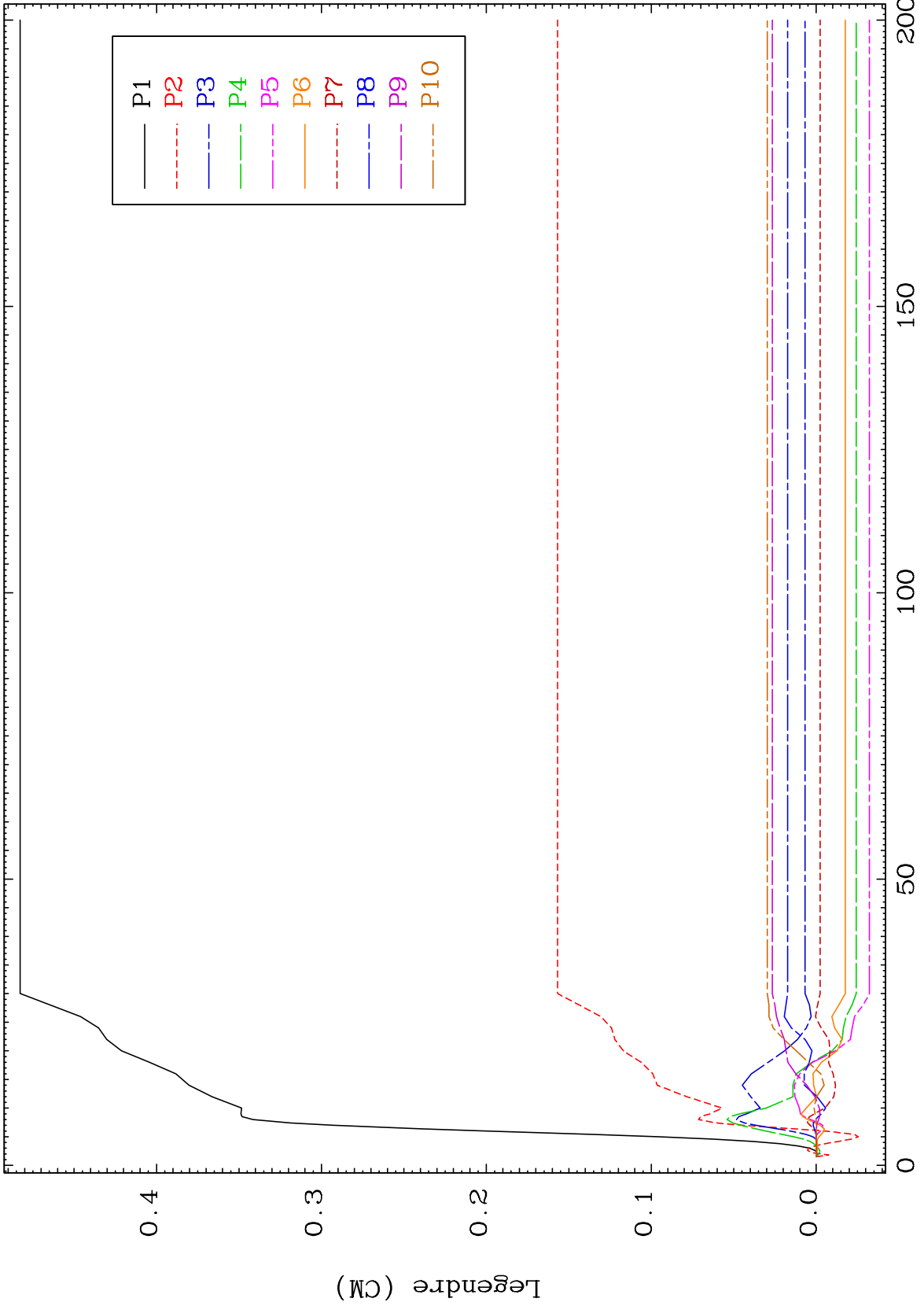
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



85-At-207

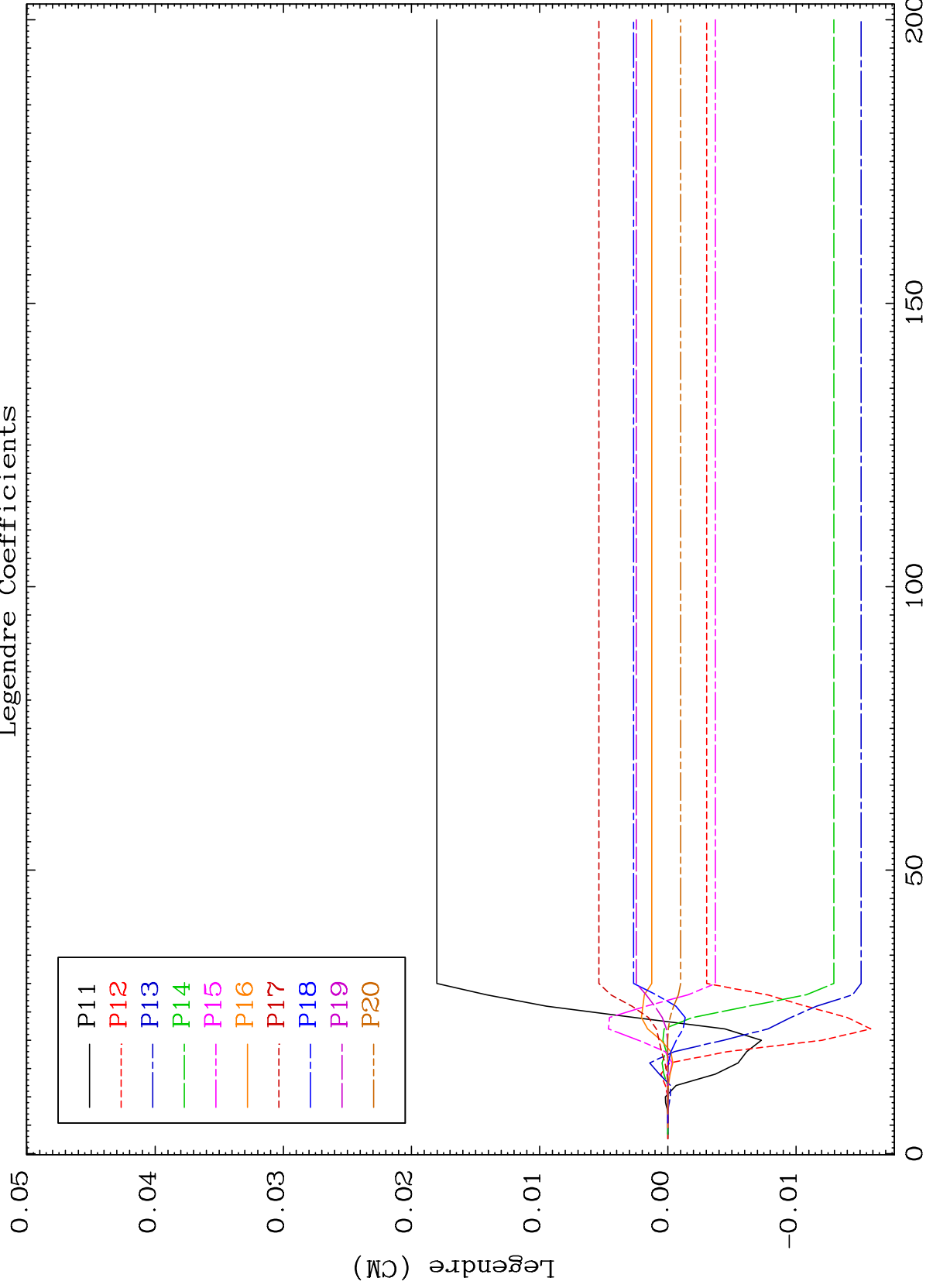
Incident Energy (MeV)

Legendre (CM)

MAT 8537

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

85-At-207



101

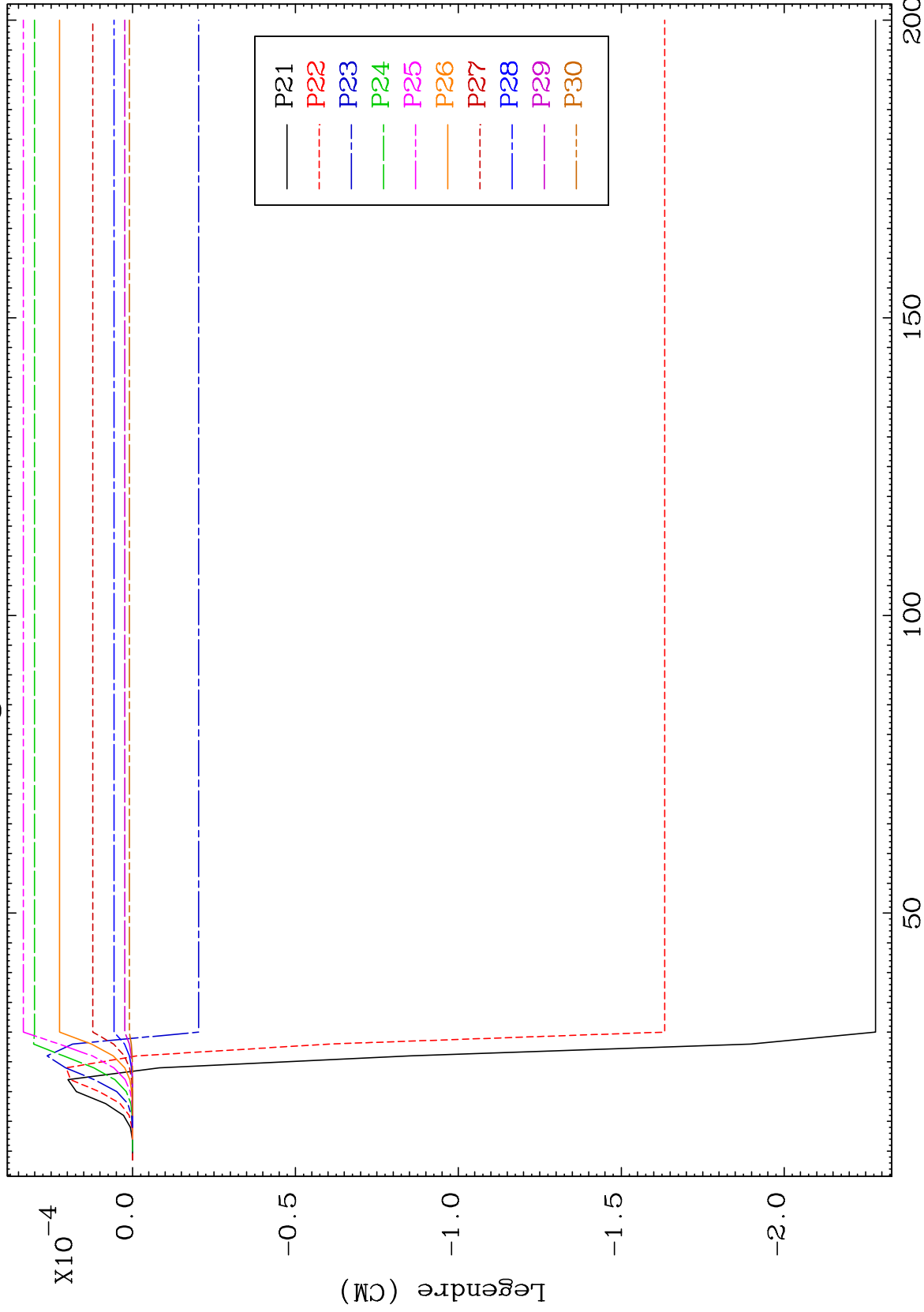
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



102

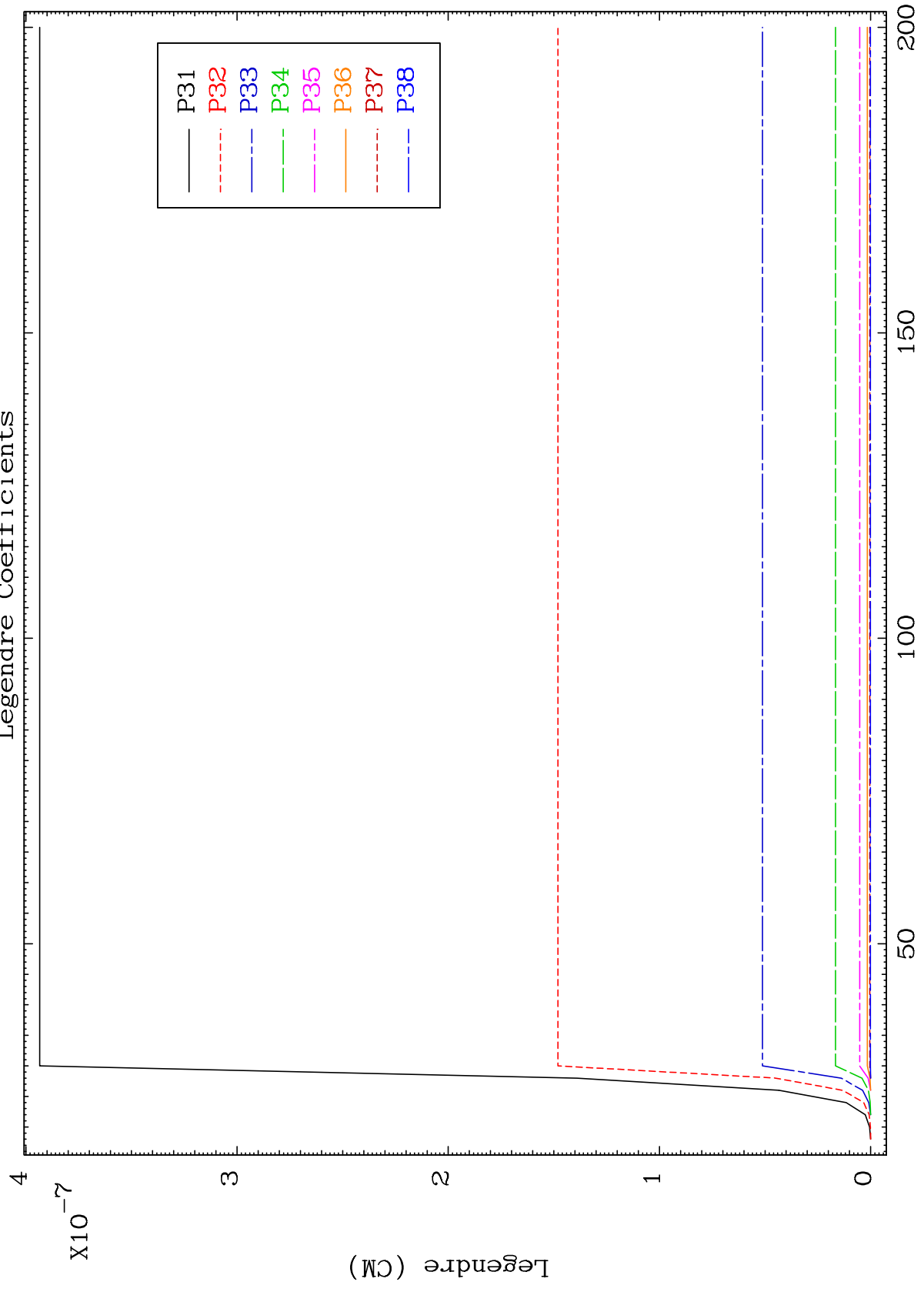
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



103

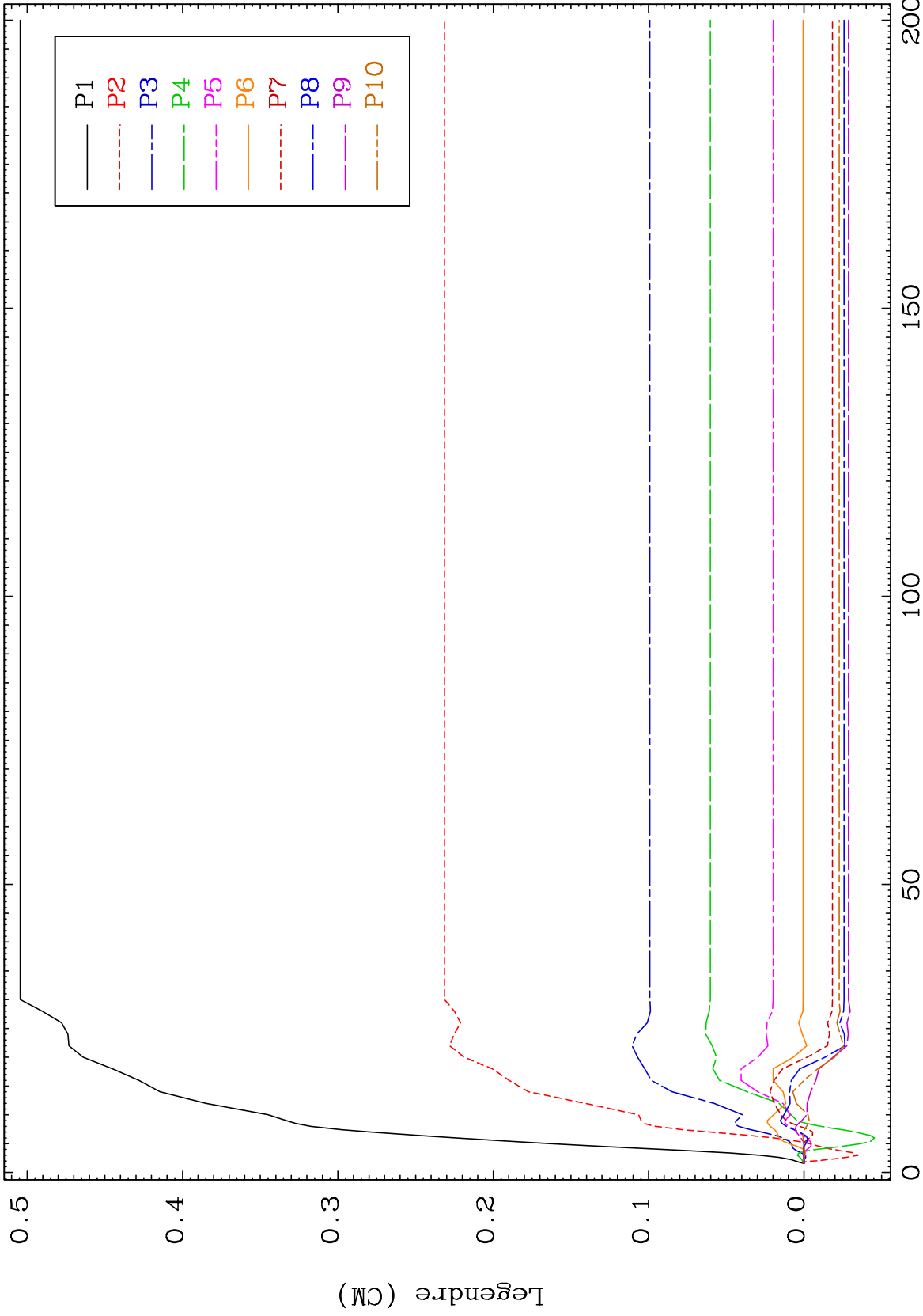
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



104

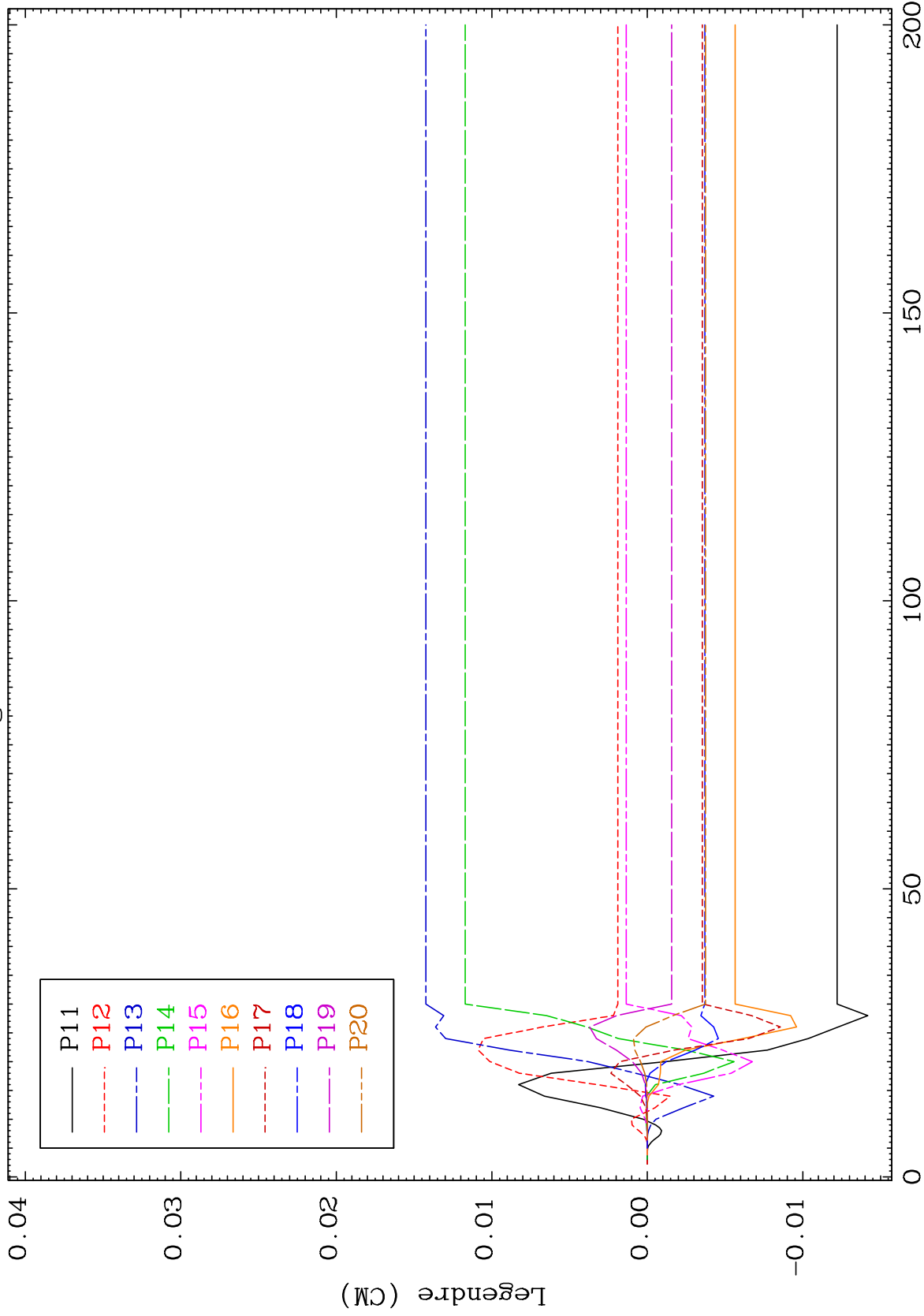
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



105

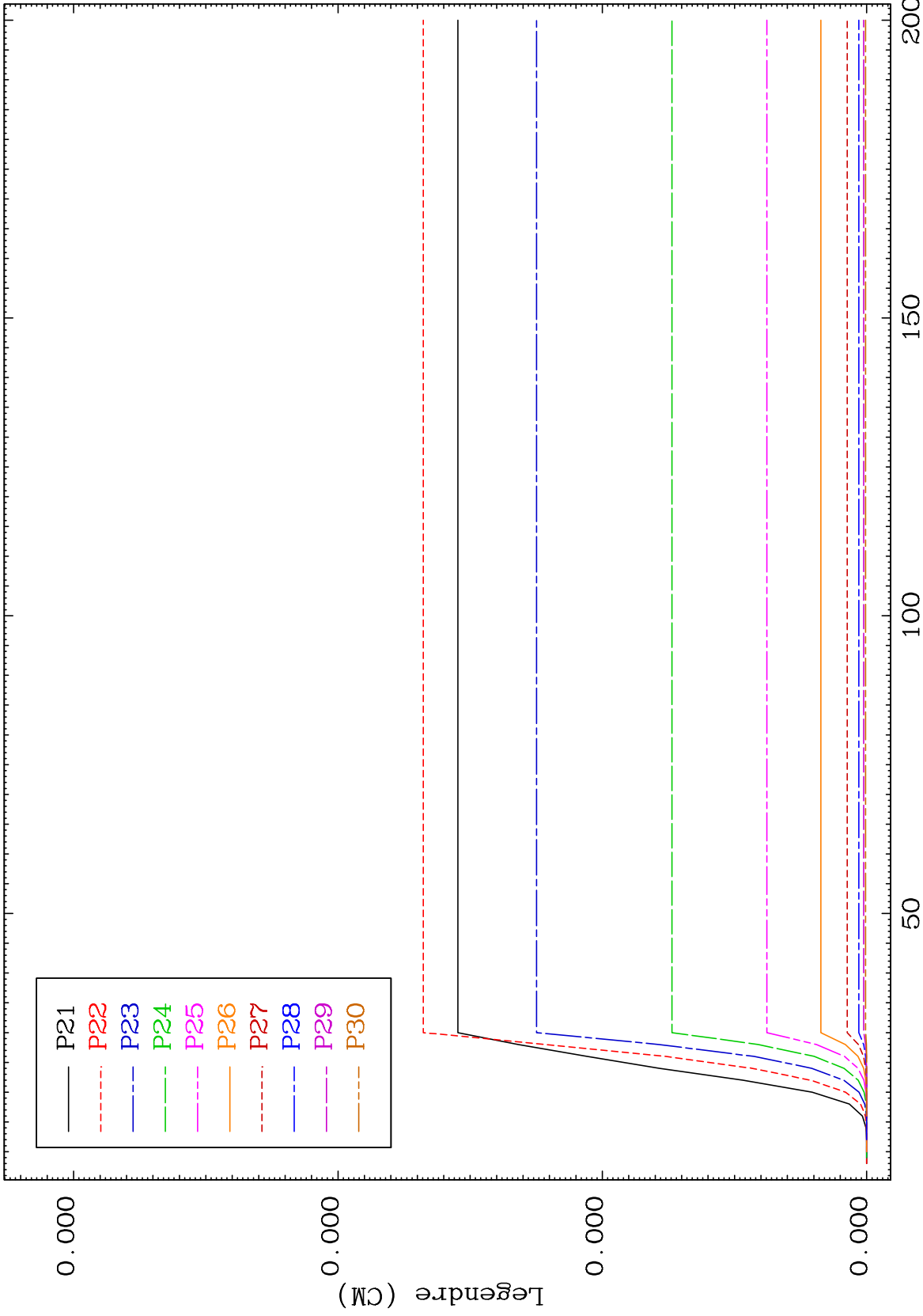
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



106

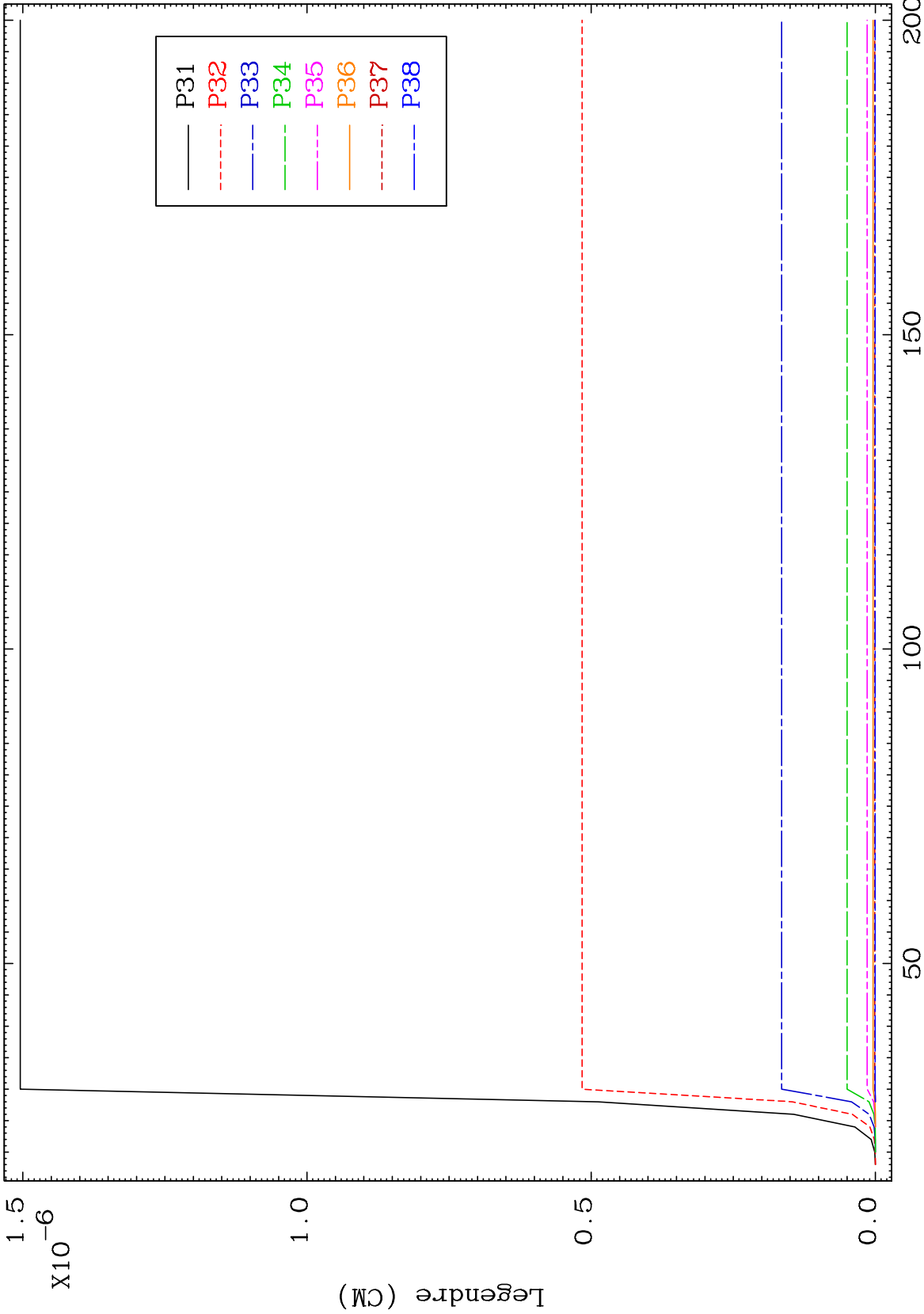
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



107

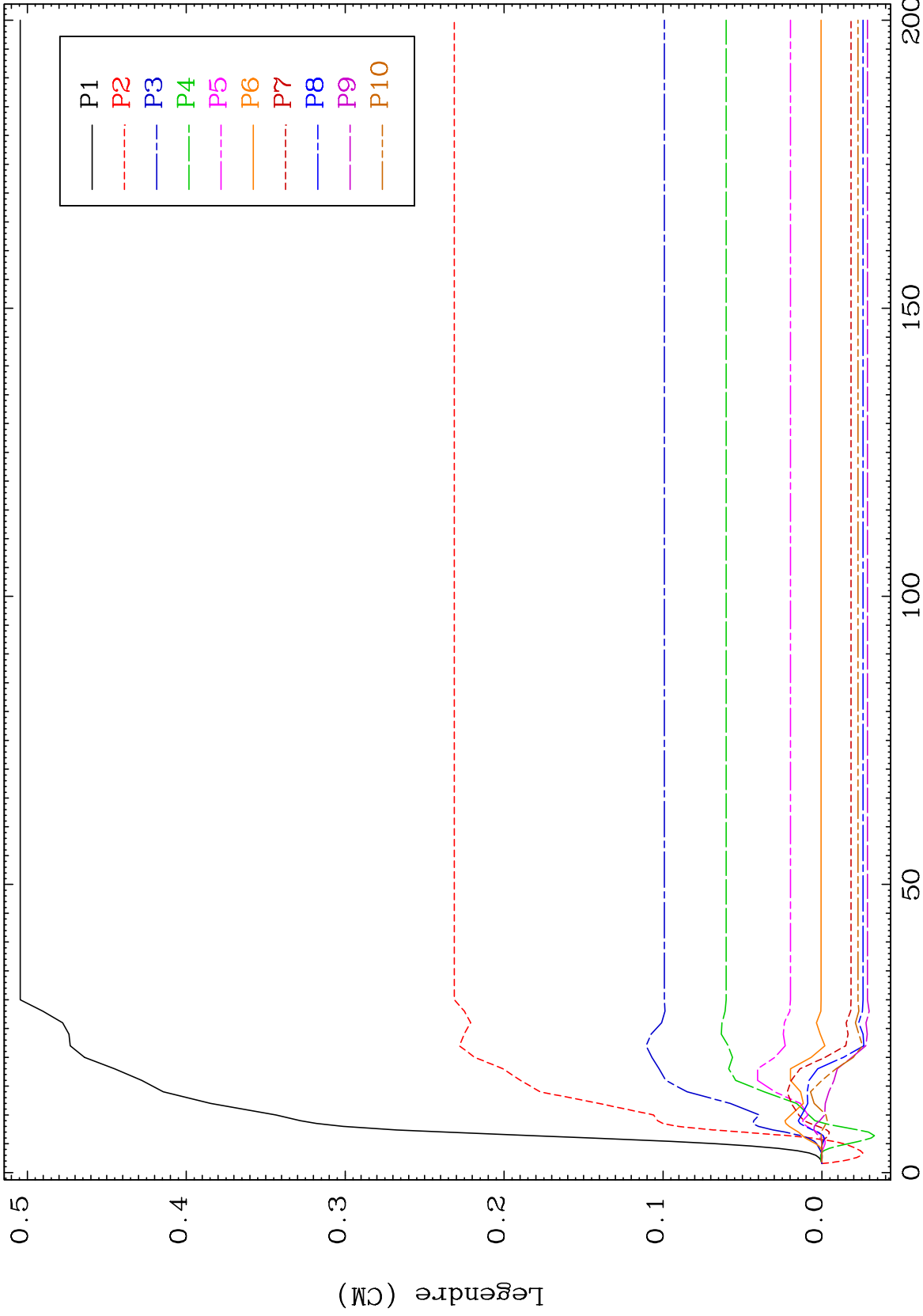
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



108

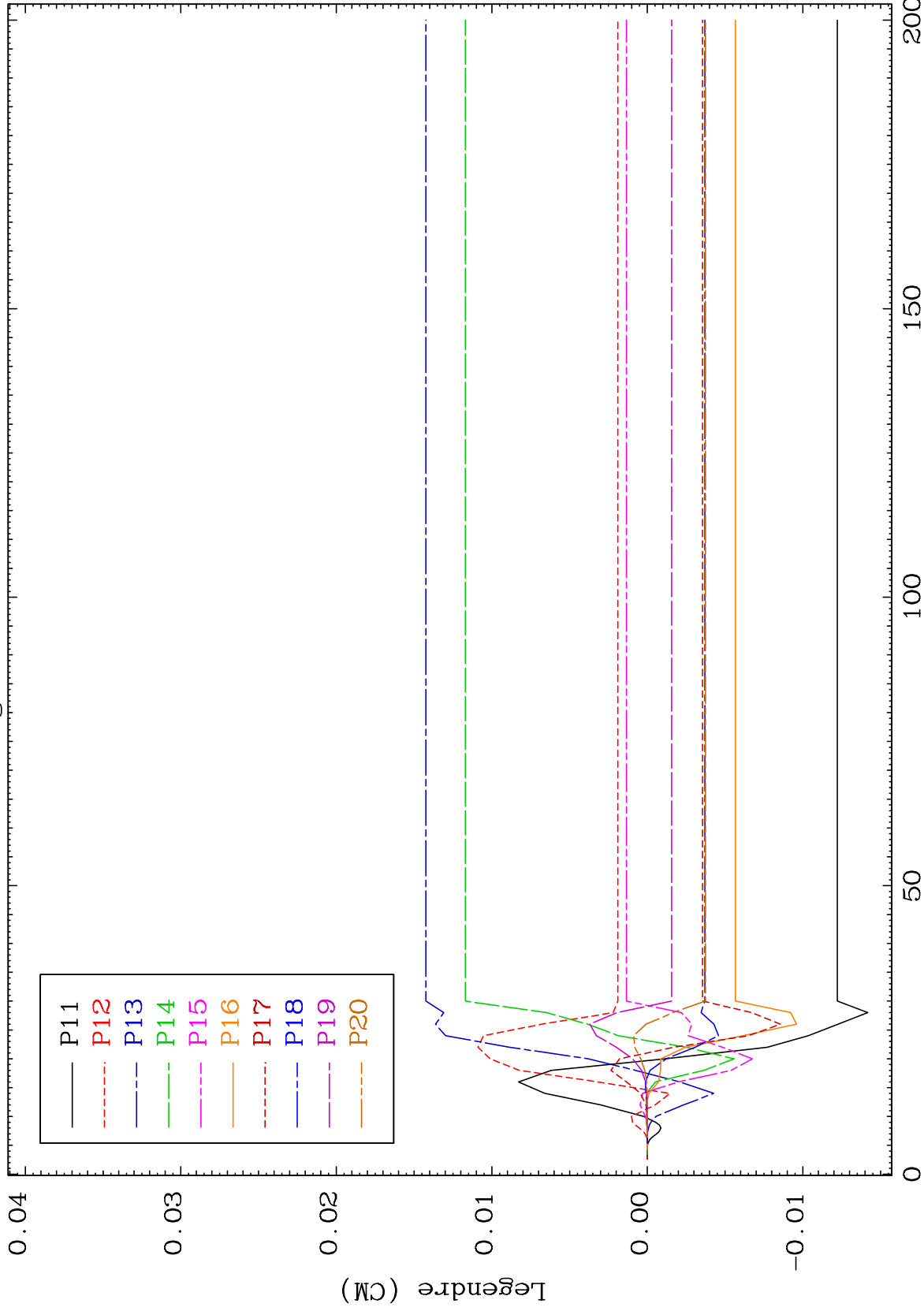
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



109

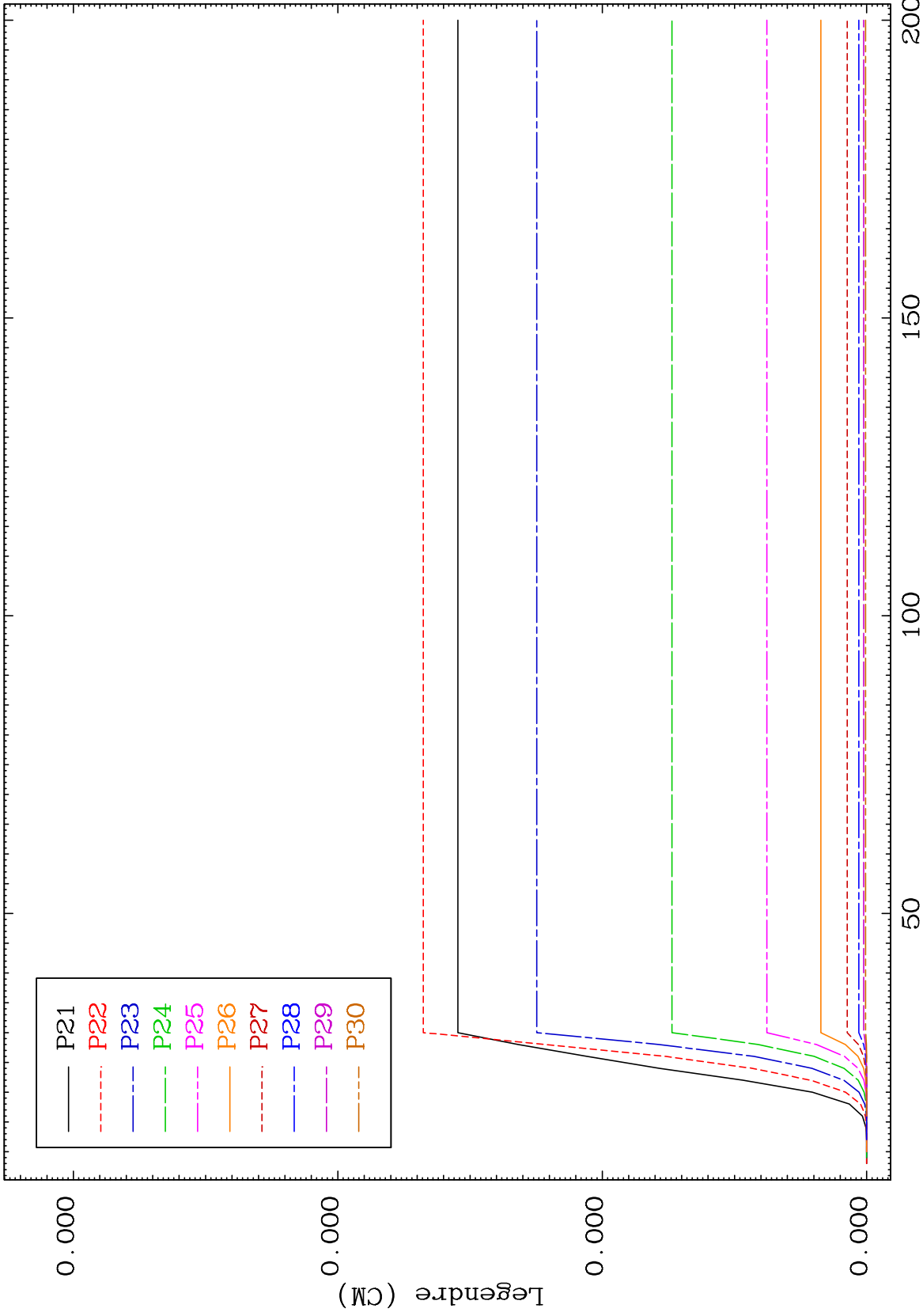
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



110

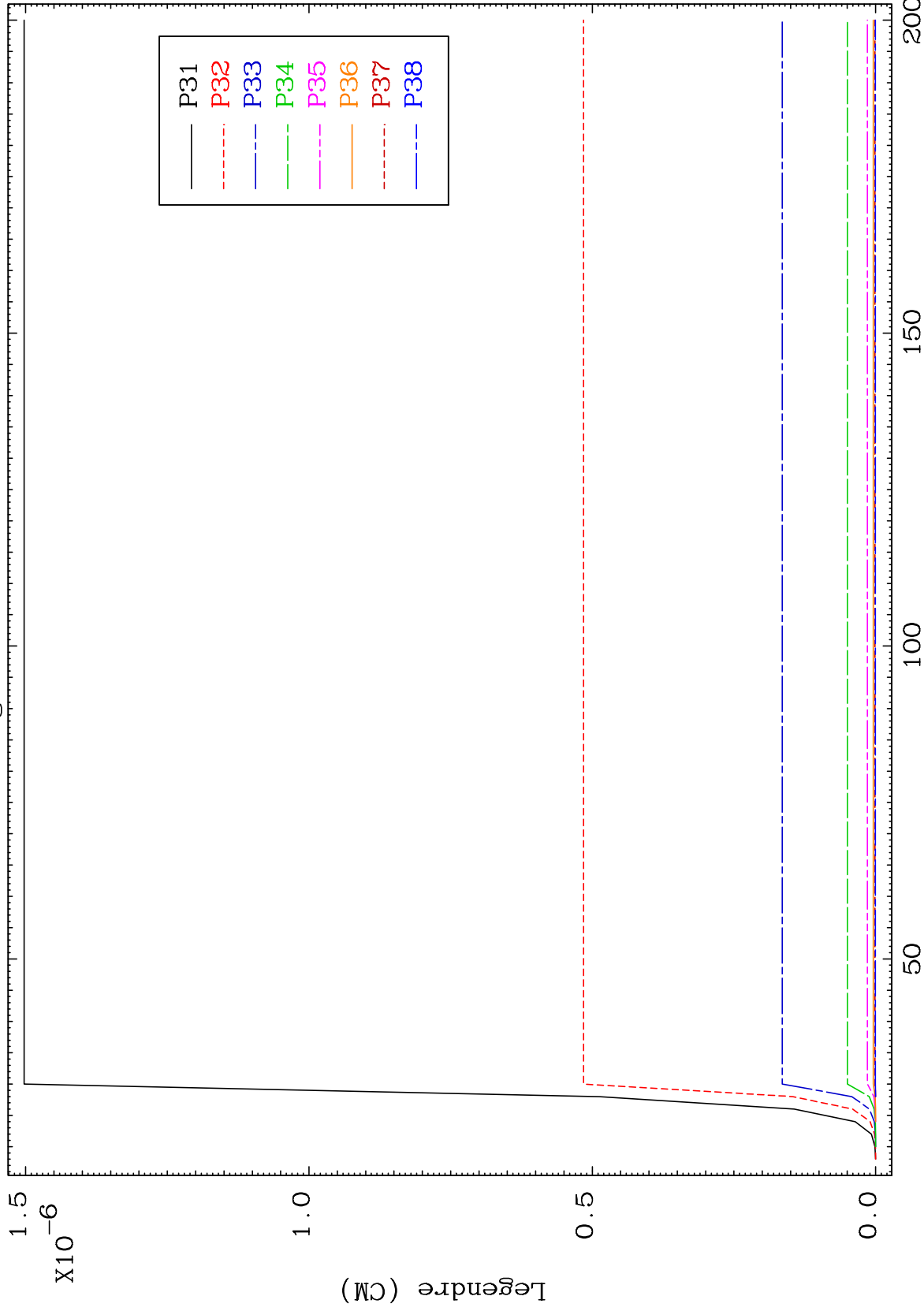
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



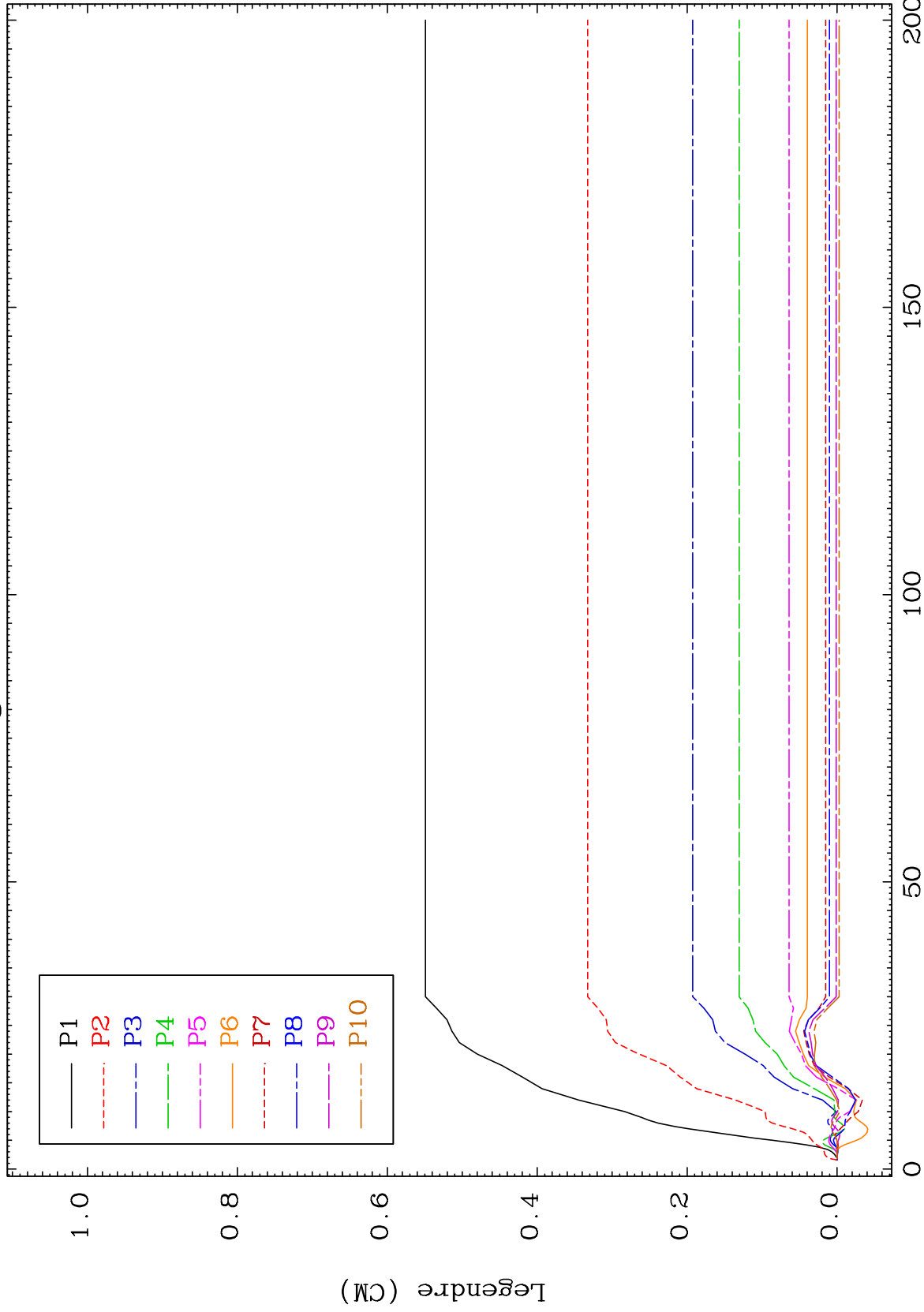
111

85-At-207

MAT 8537

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

85-At-207



112

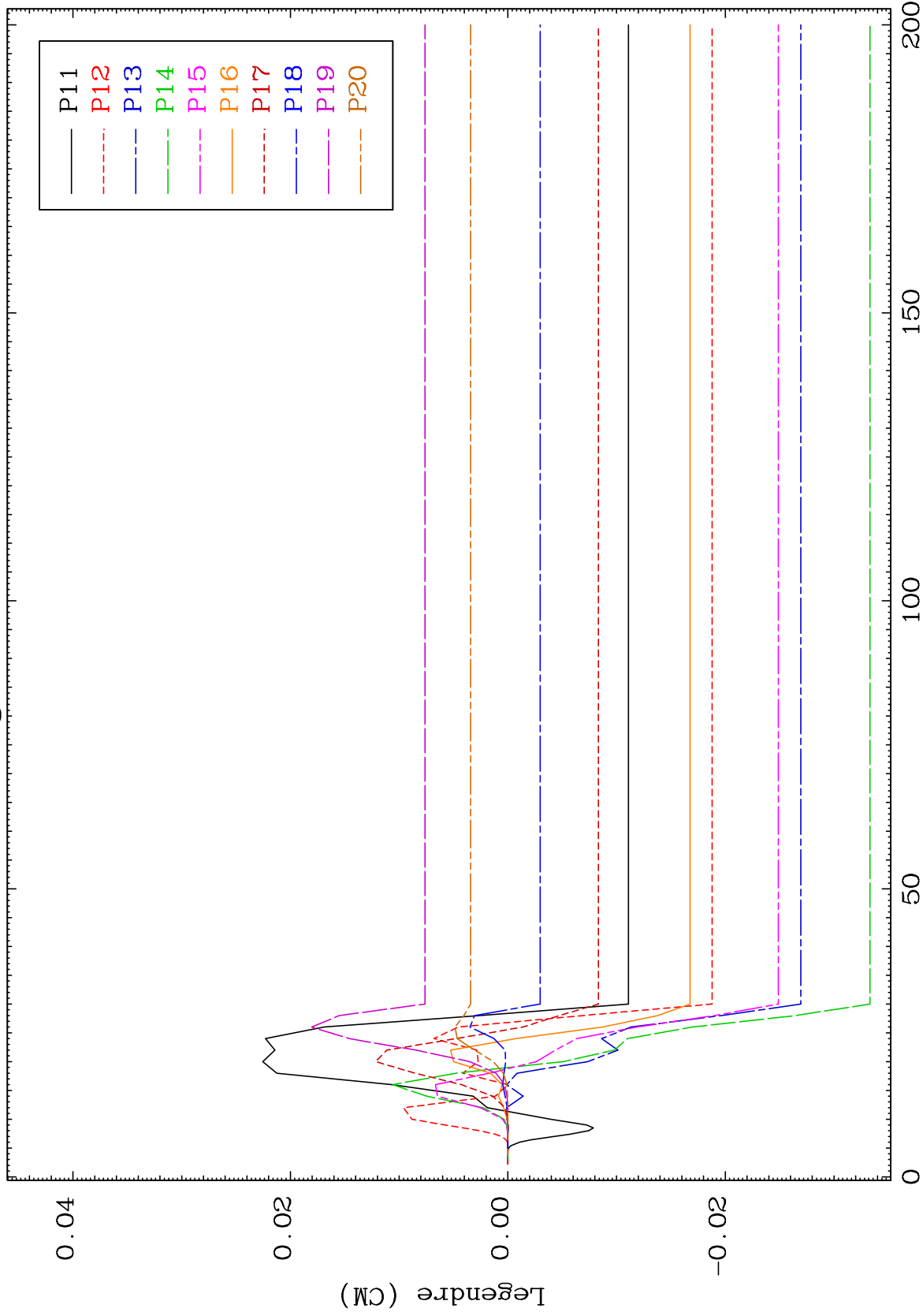
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



113

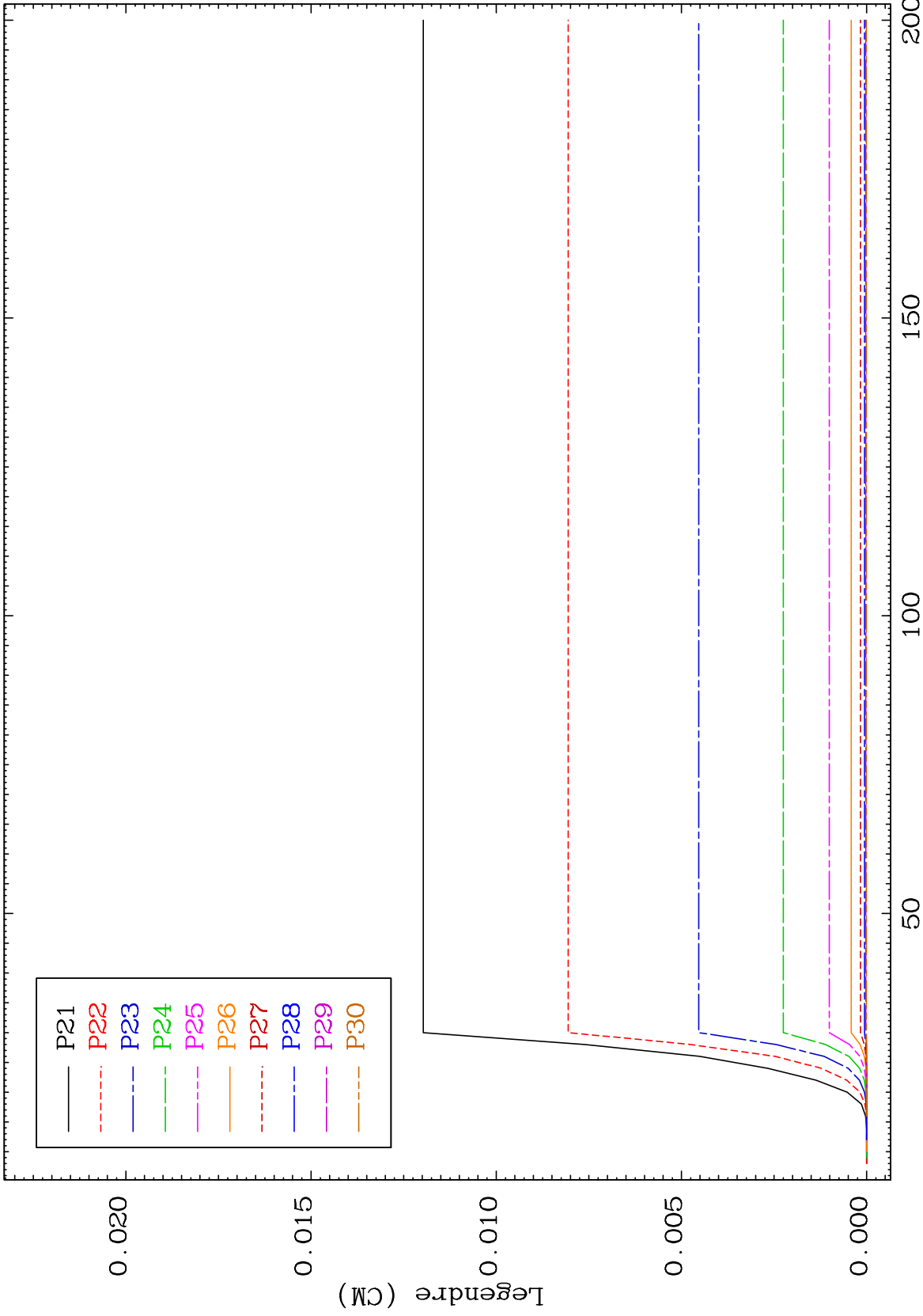
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



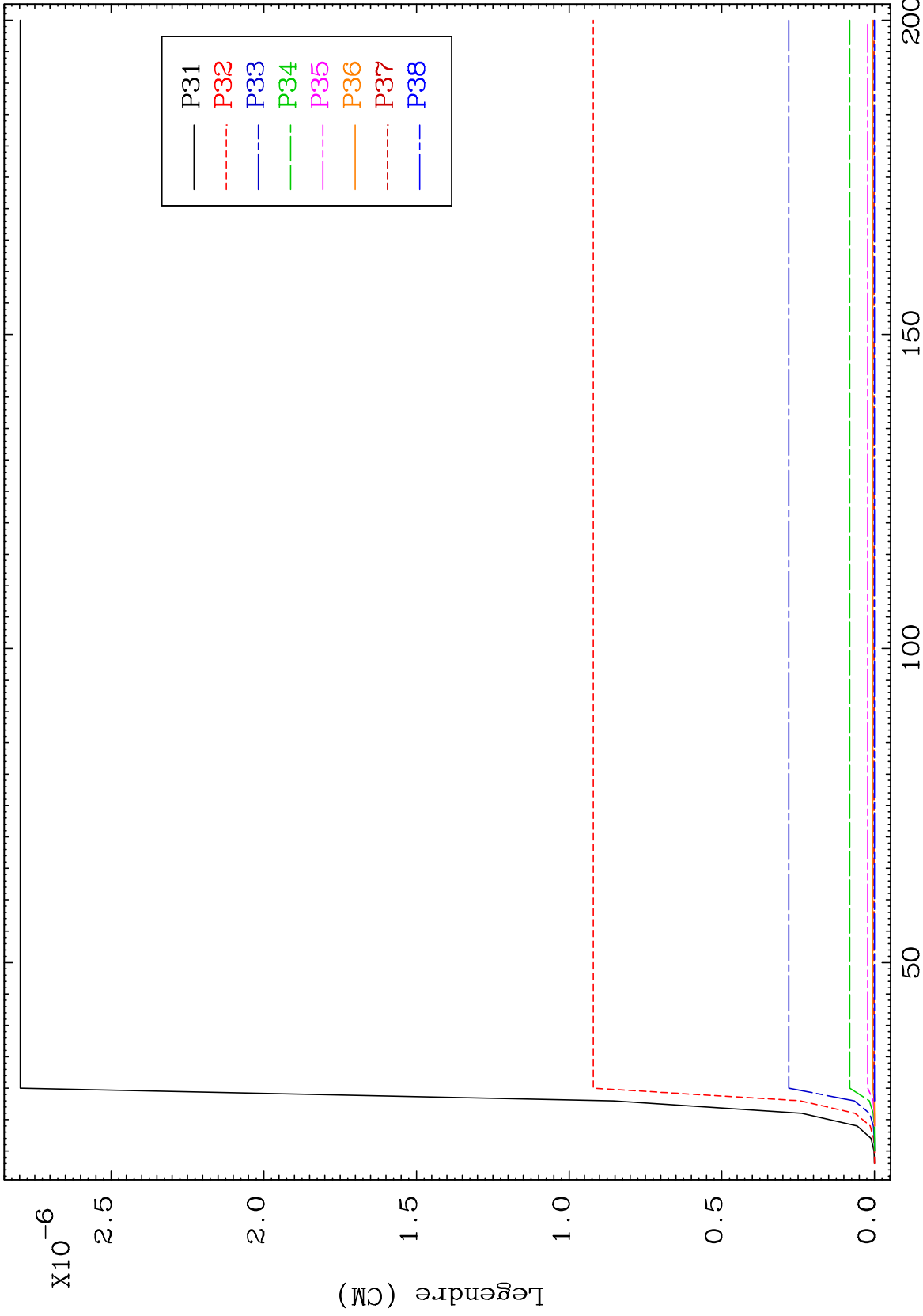
114

85-At-207

MAT 8537

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

85-At-207



115

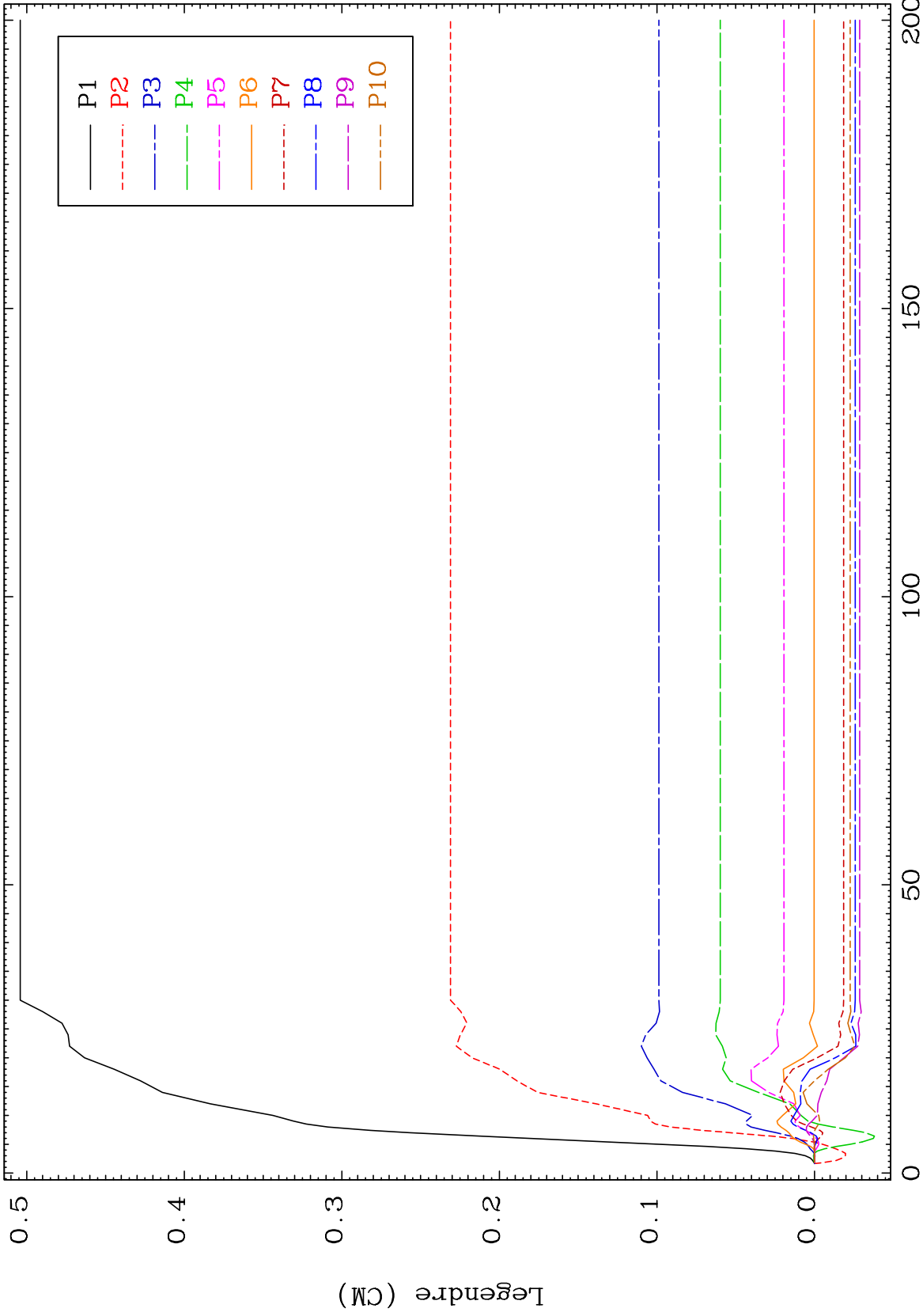
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



116

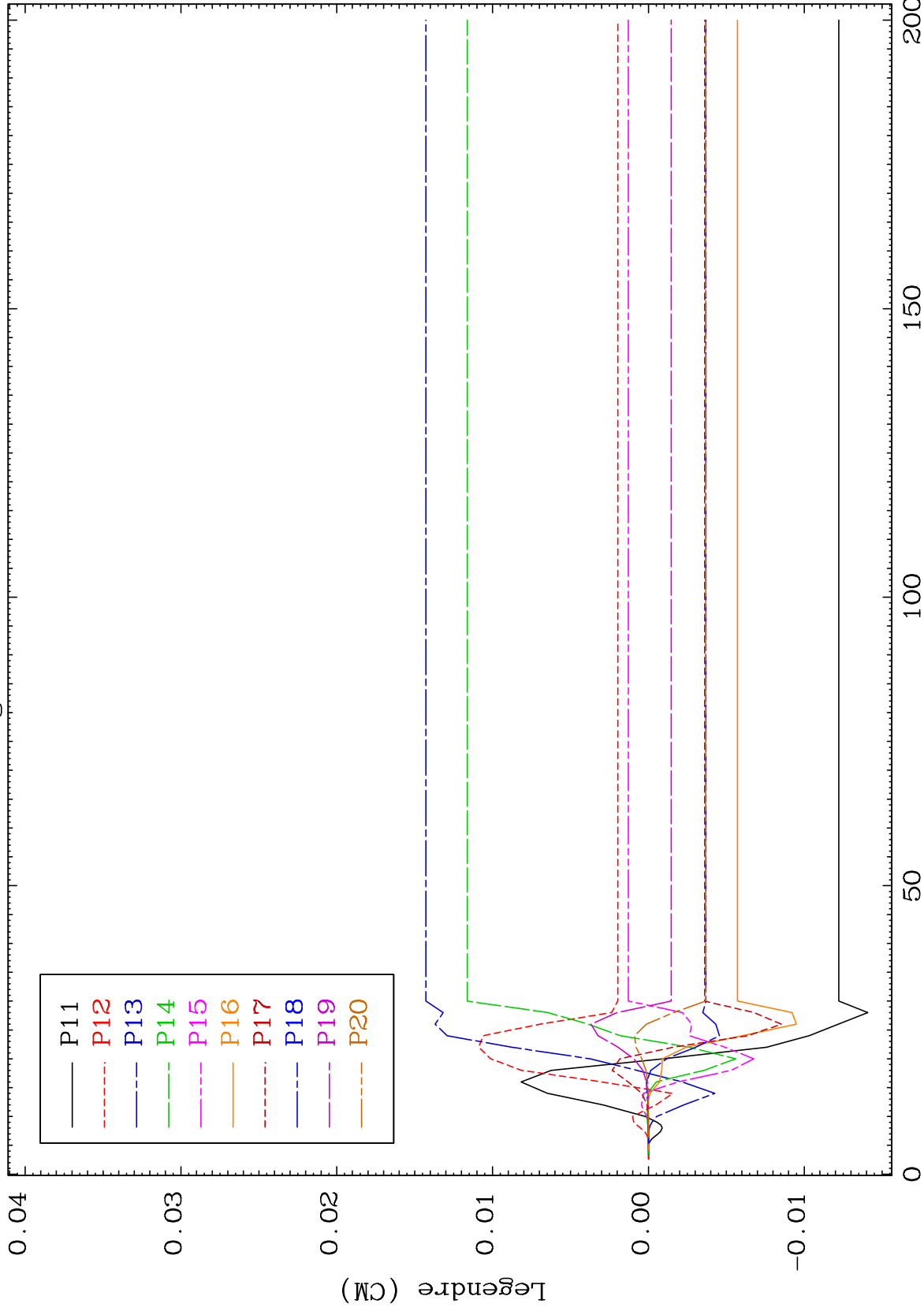
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



117

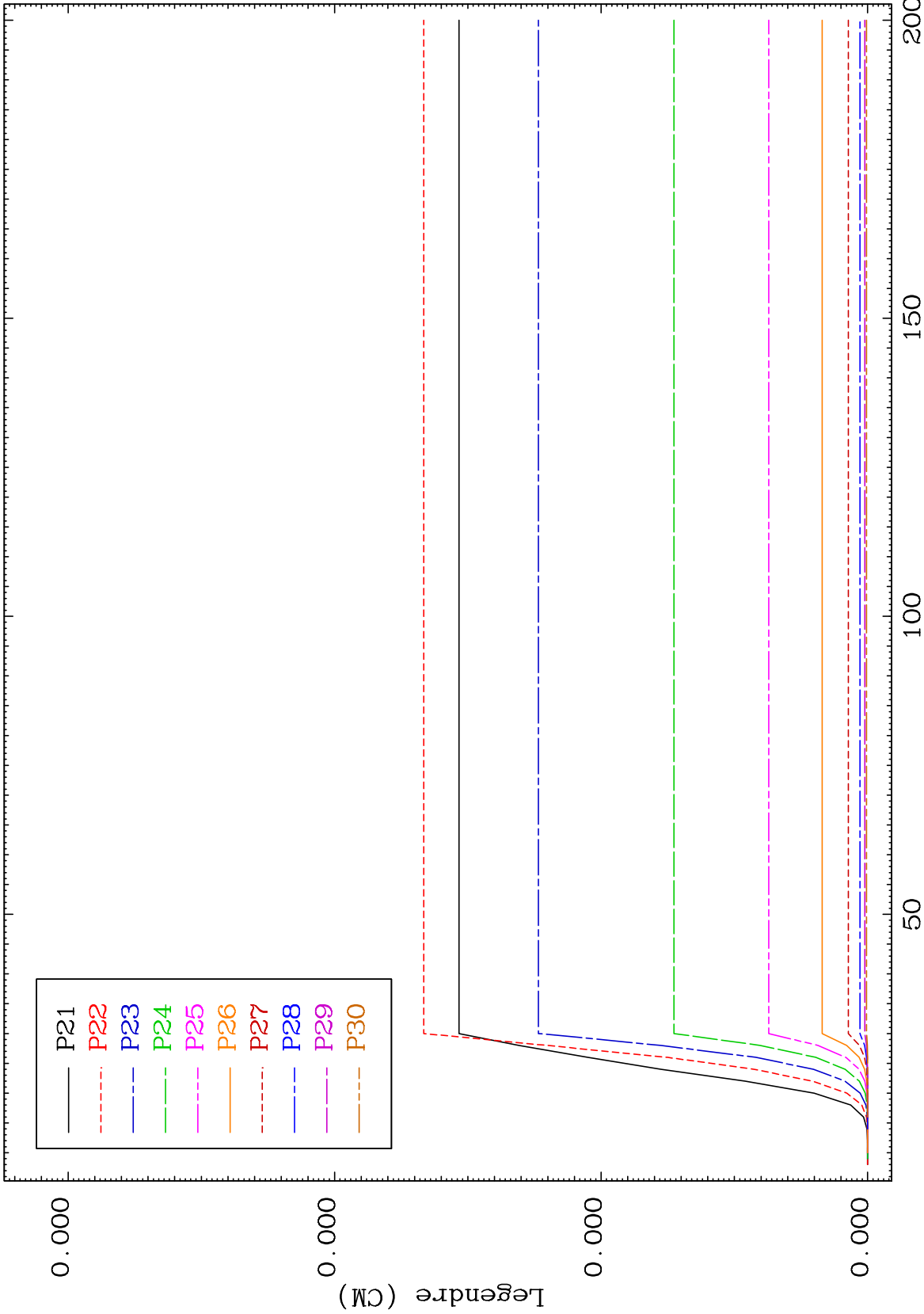
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



118

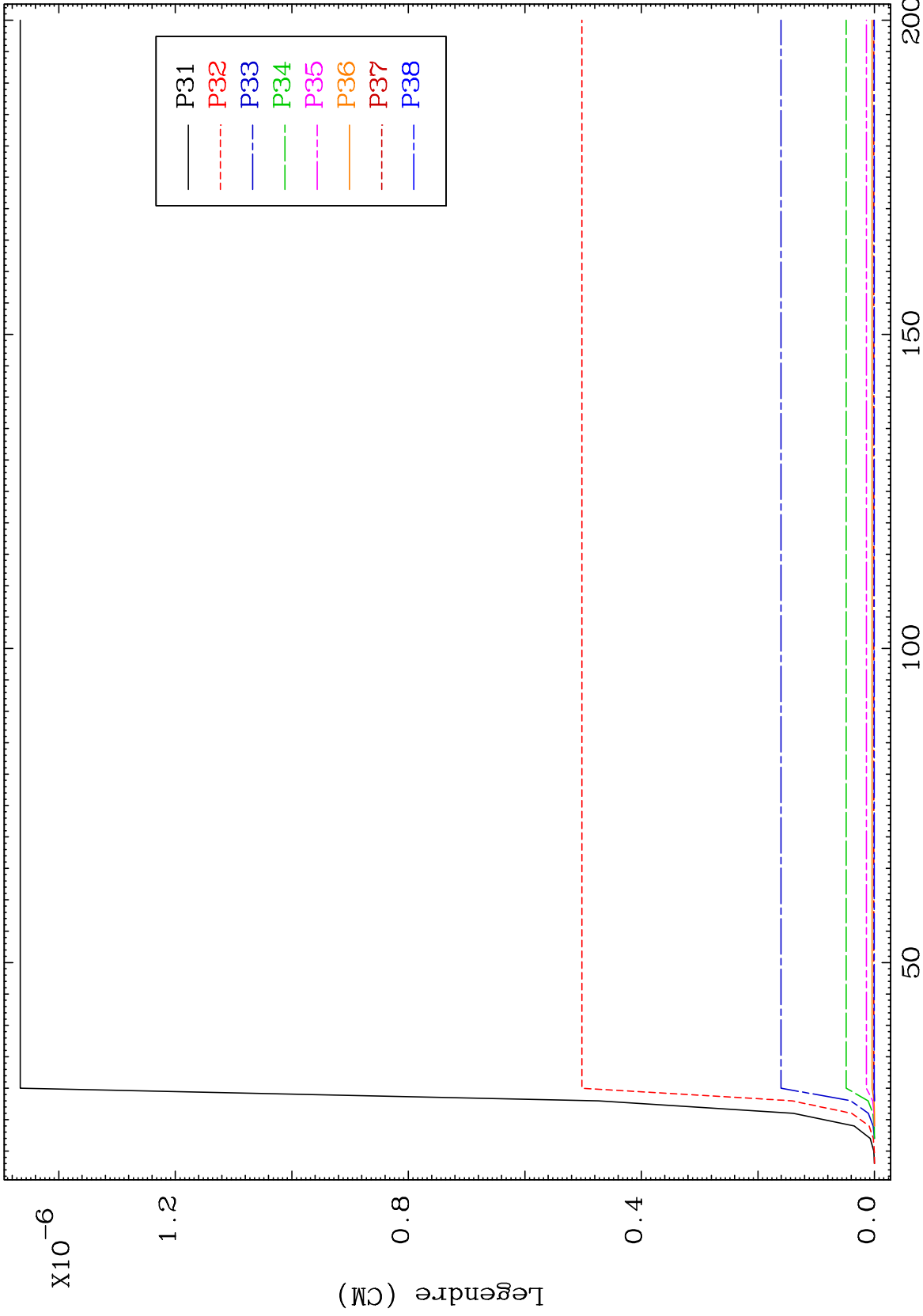
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



119

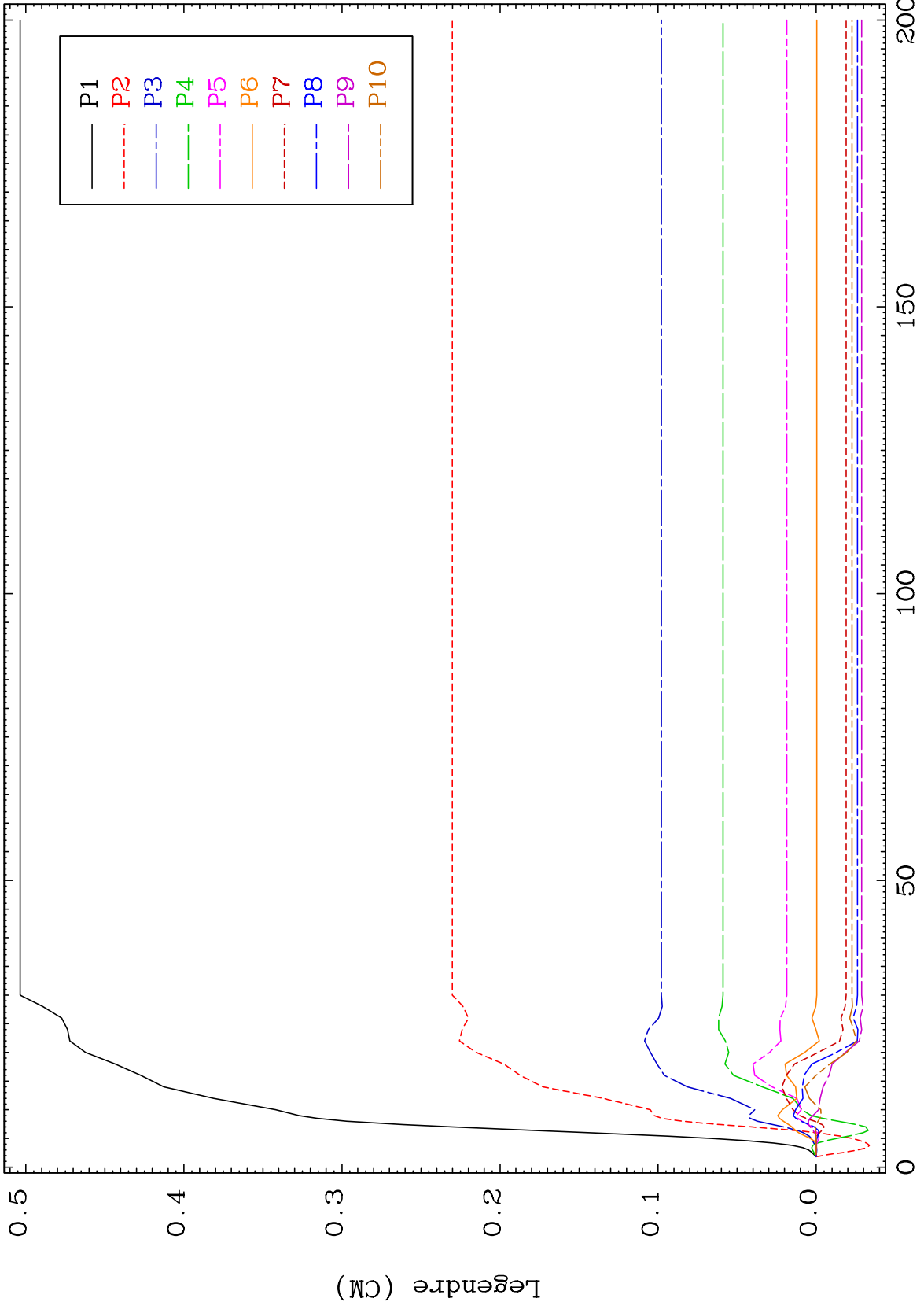
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



85-At-207

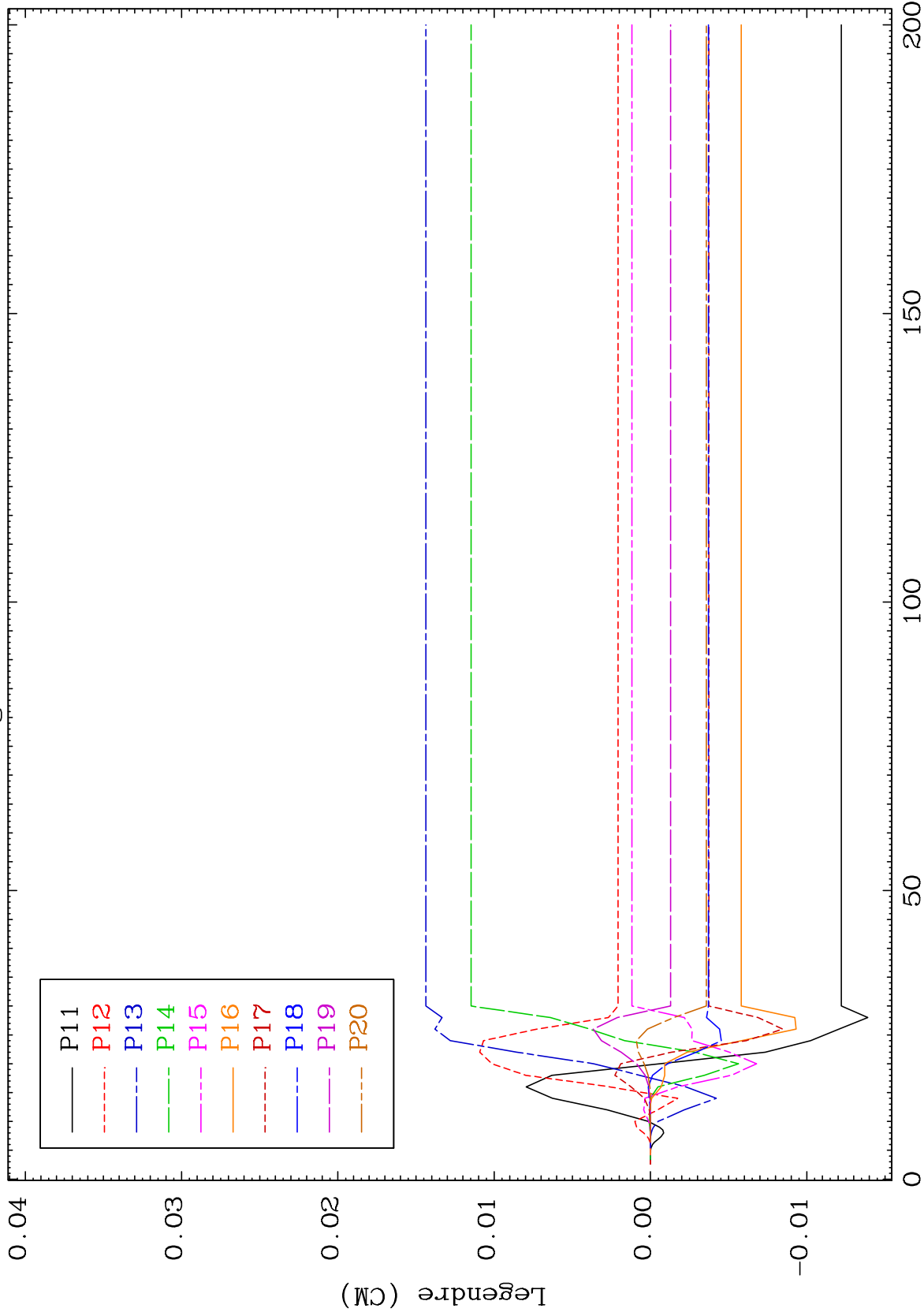
Incident Energy (MeV)

120

MAT 8537

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

85-At-207



121

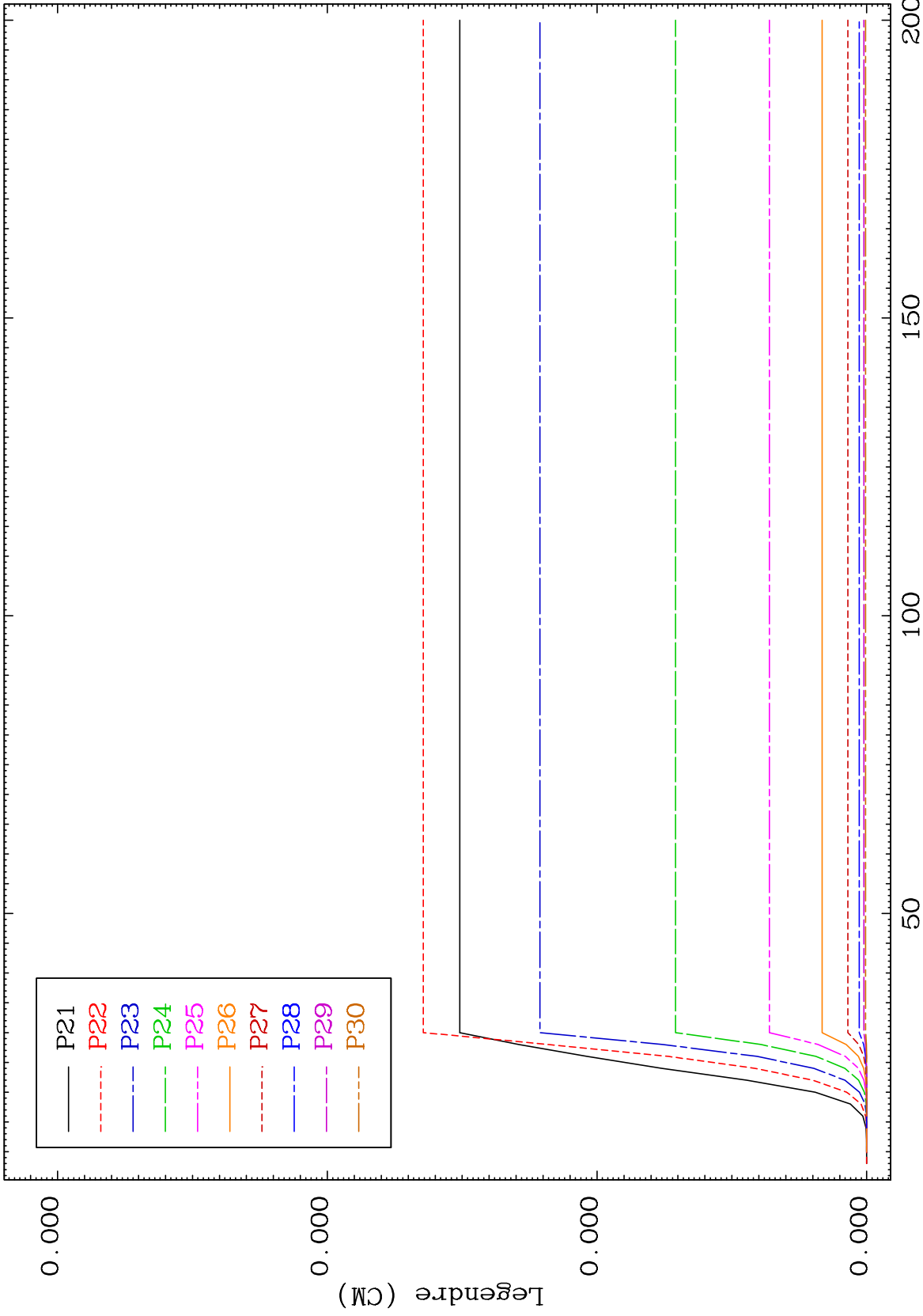
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



122

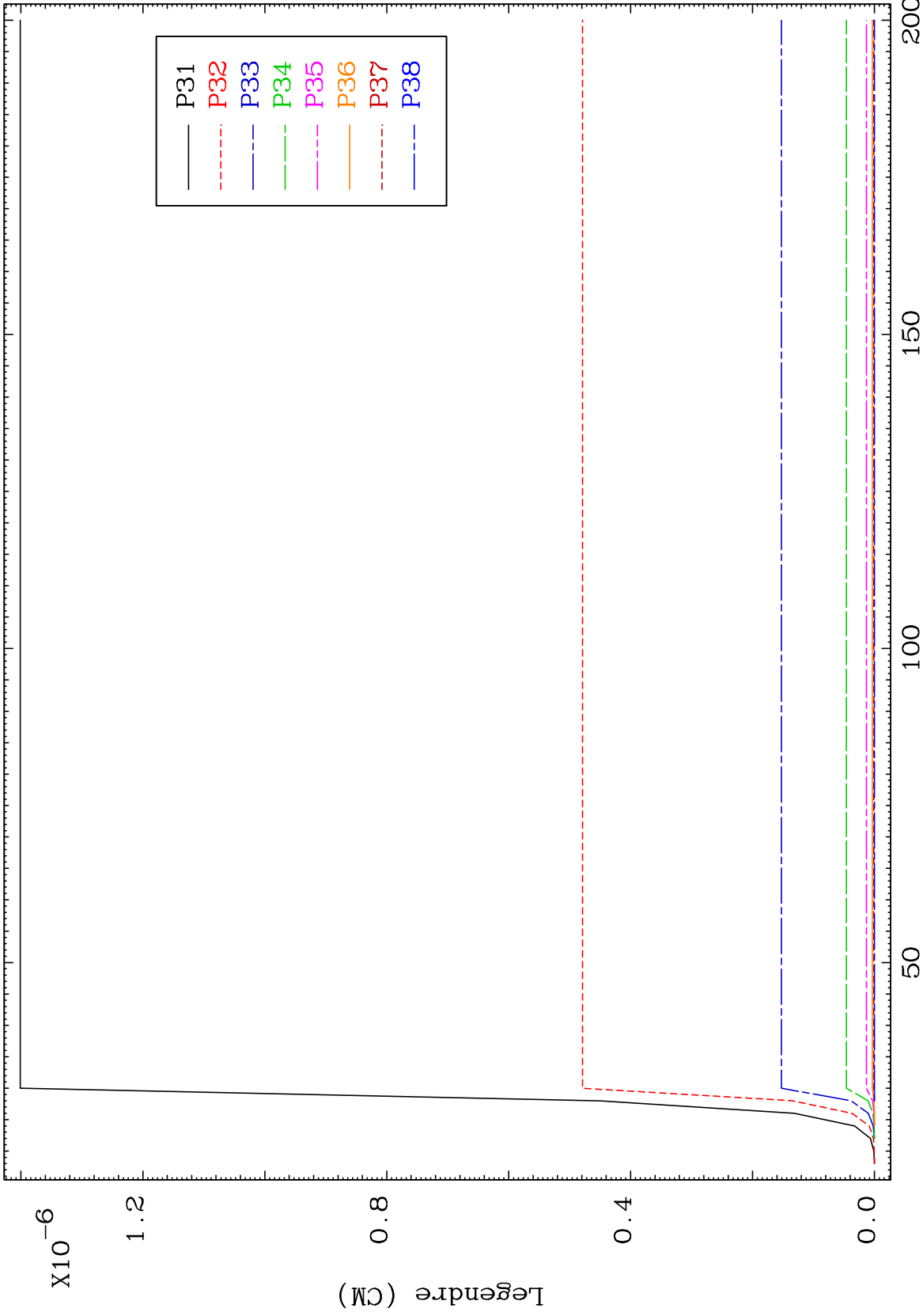
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



123

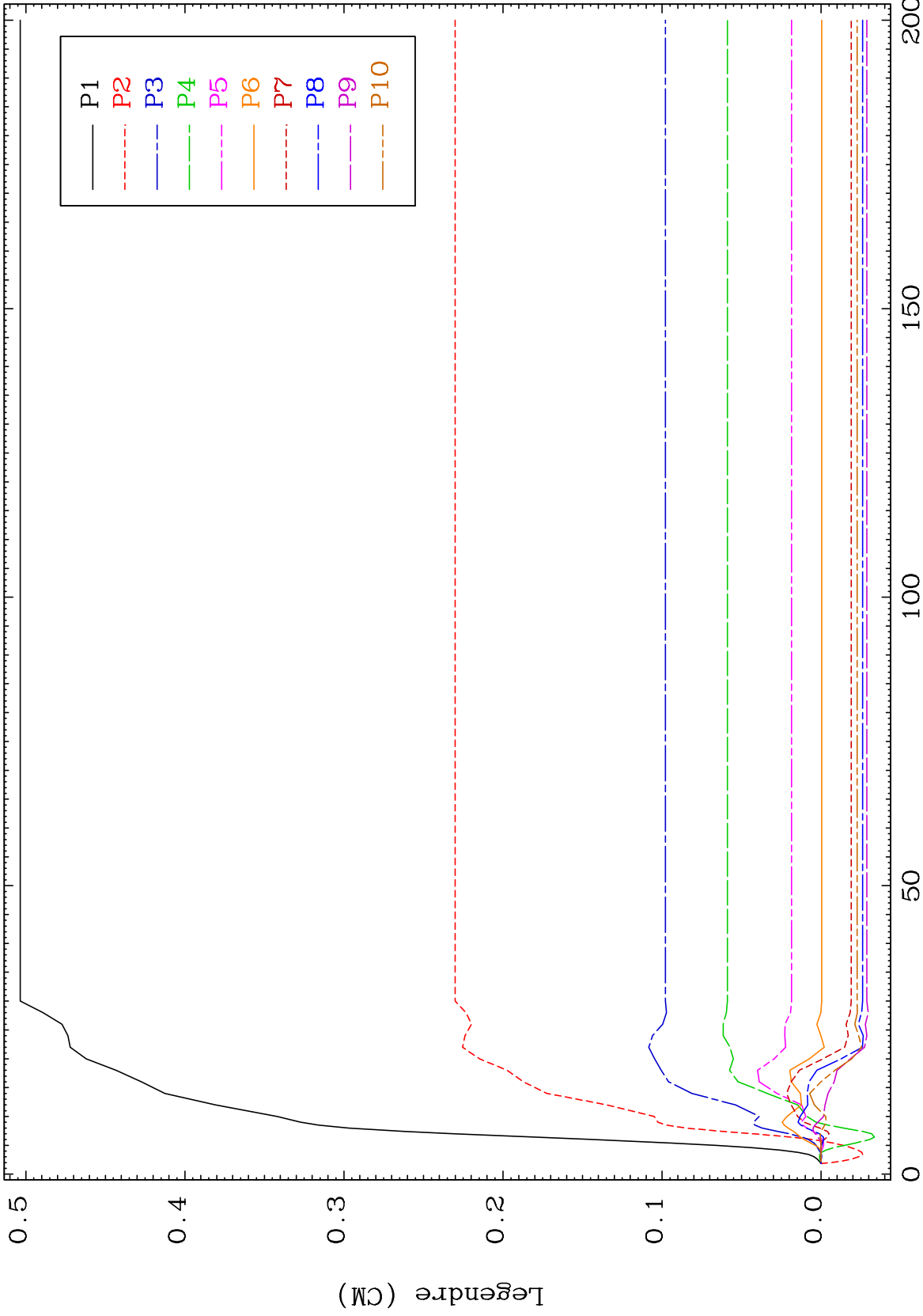
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



124

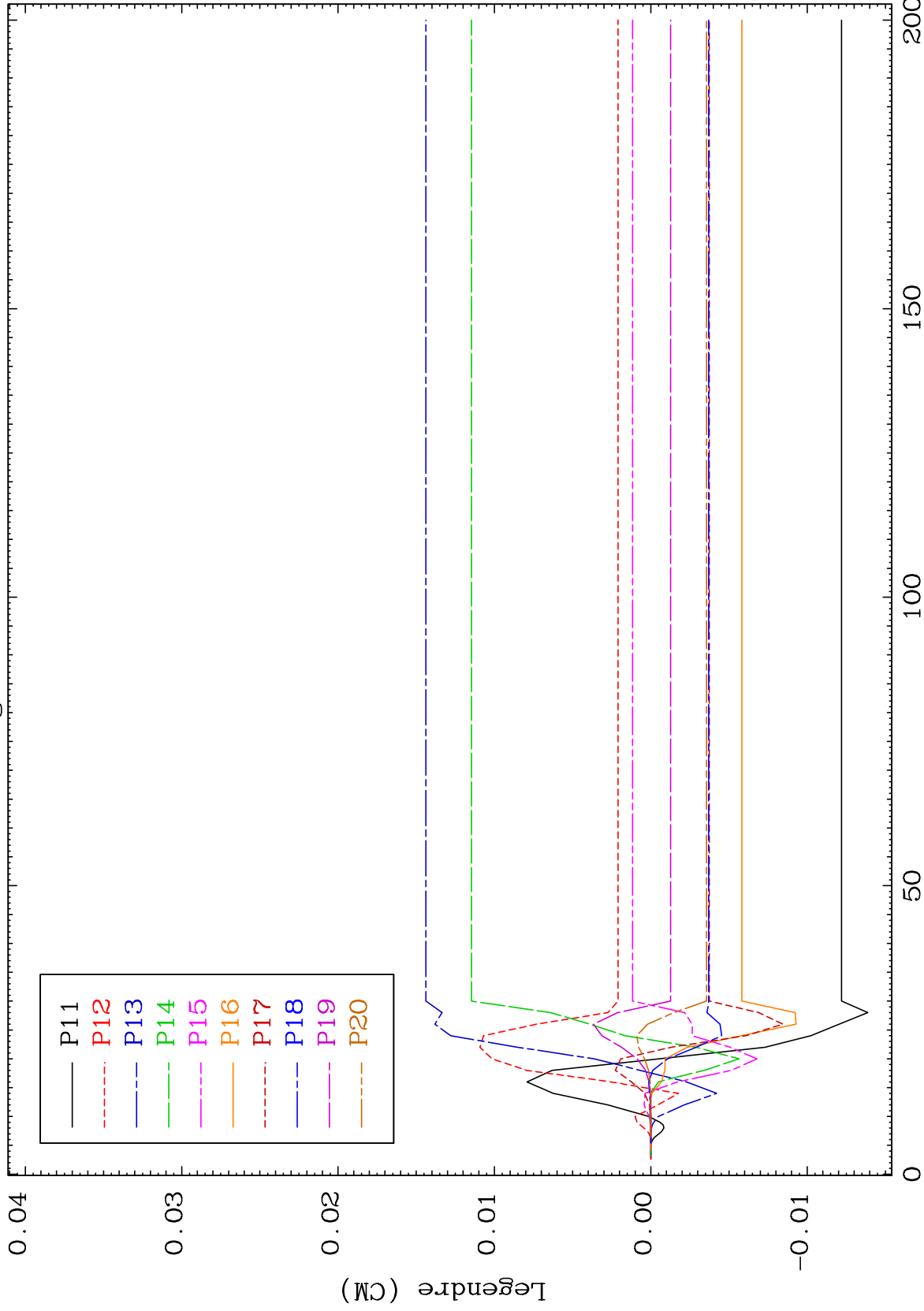
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



125

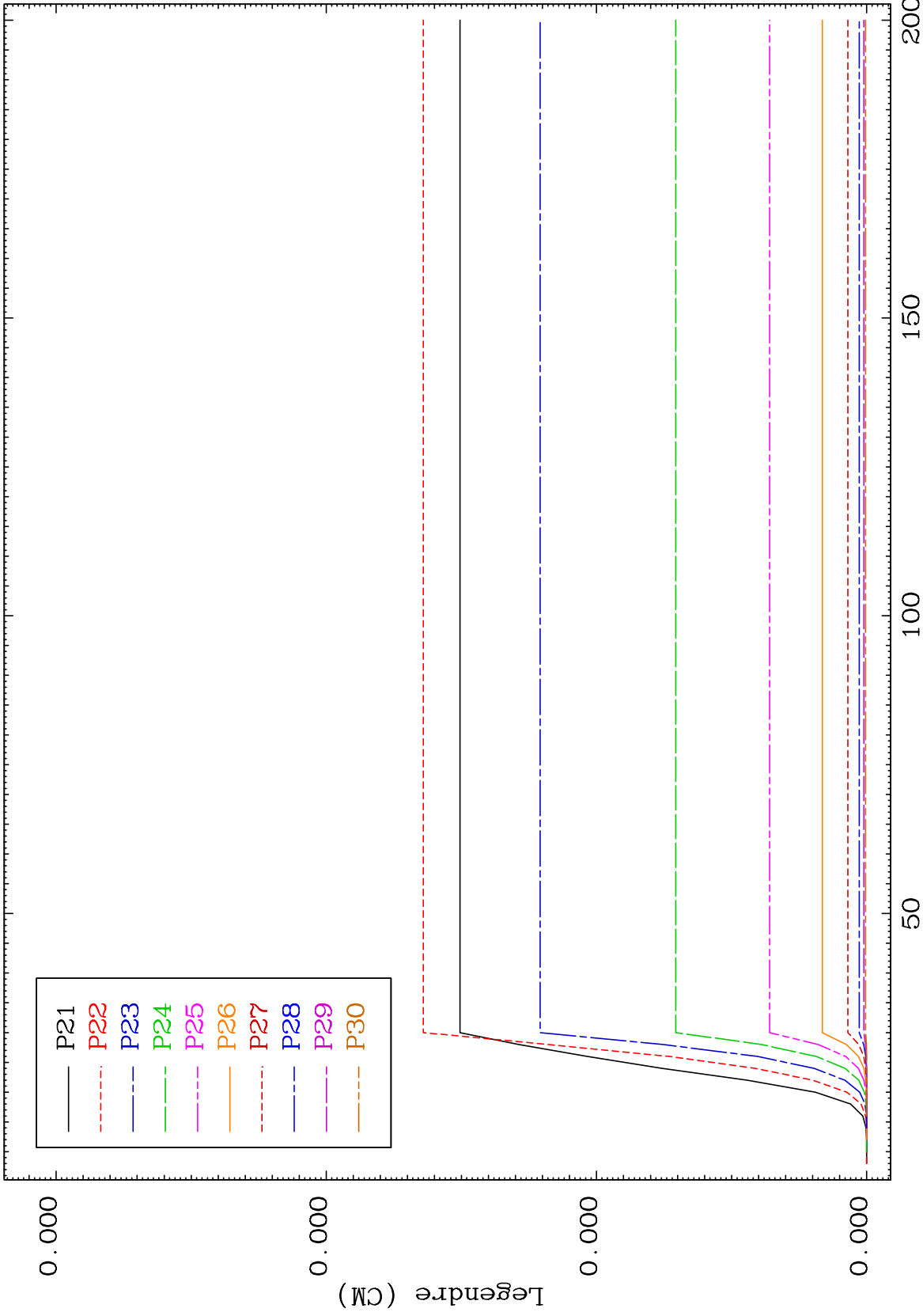
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



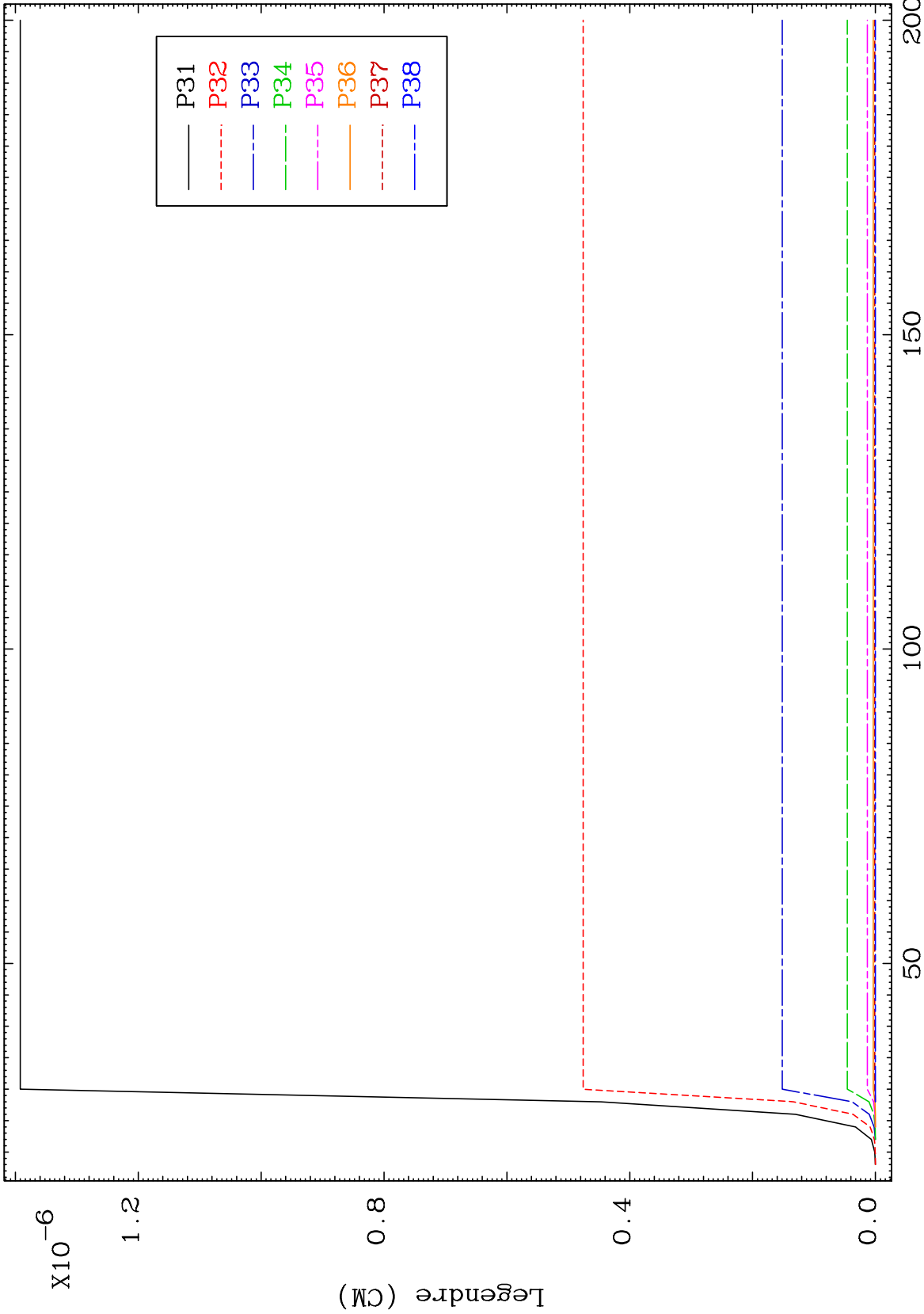
126

85-At-207

MAT 8537

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

85-At-207



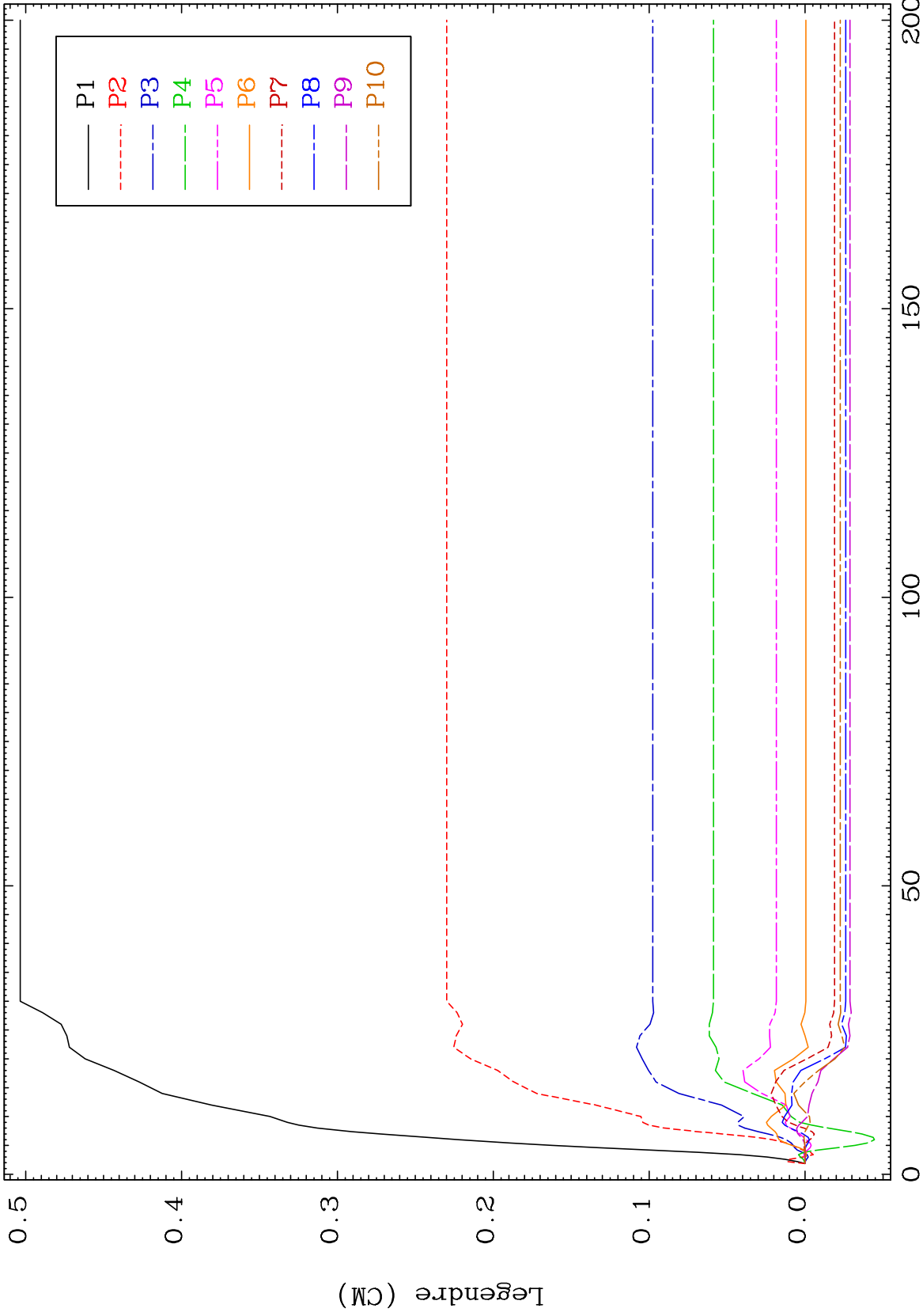
127

85-At-207

MAT 8537

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

85-At-207



128

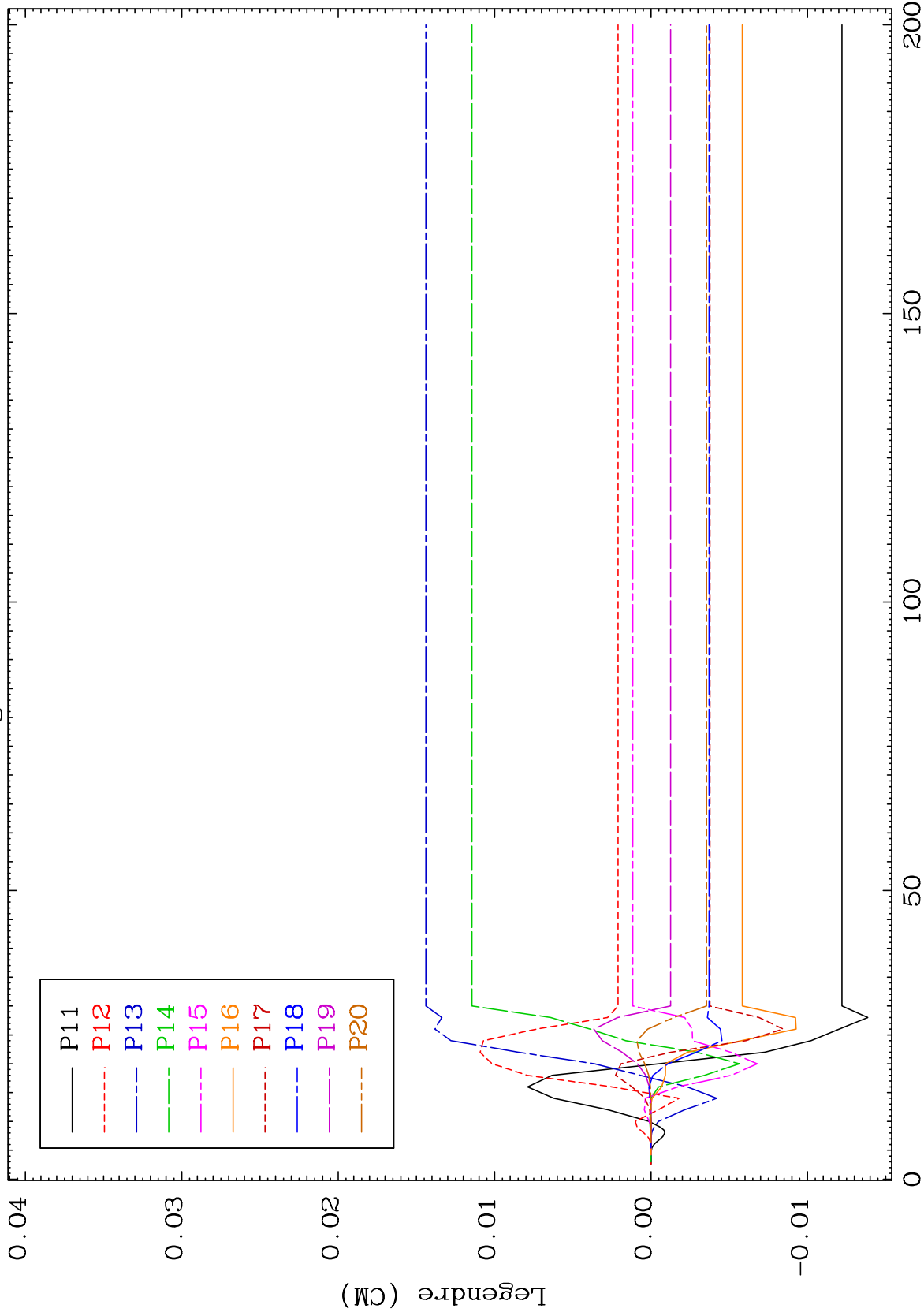
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



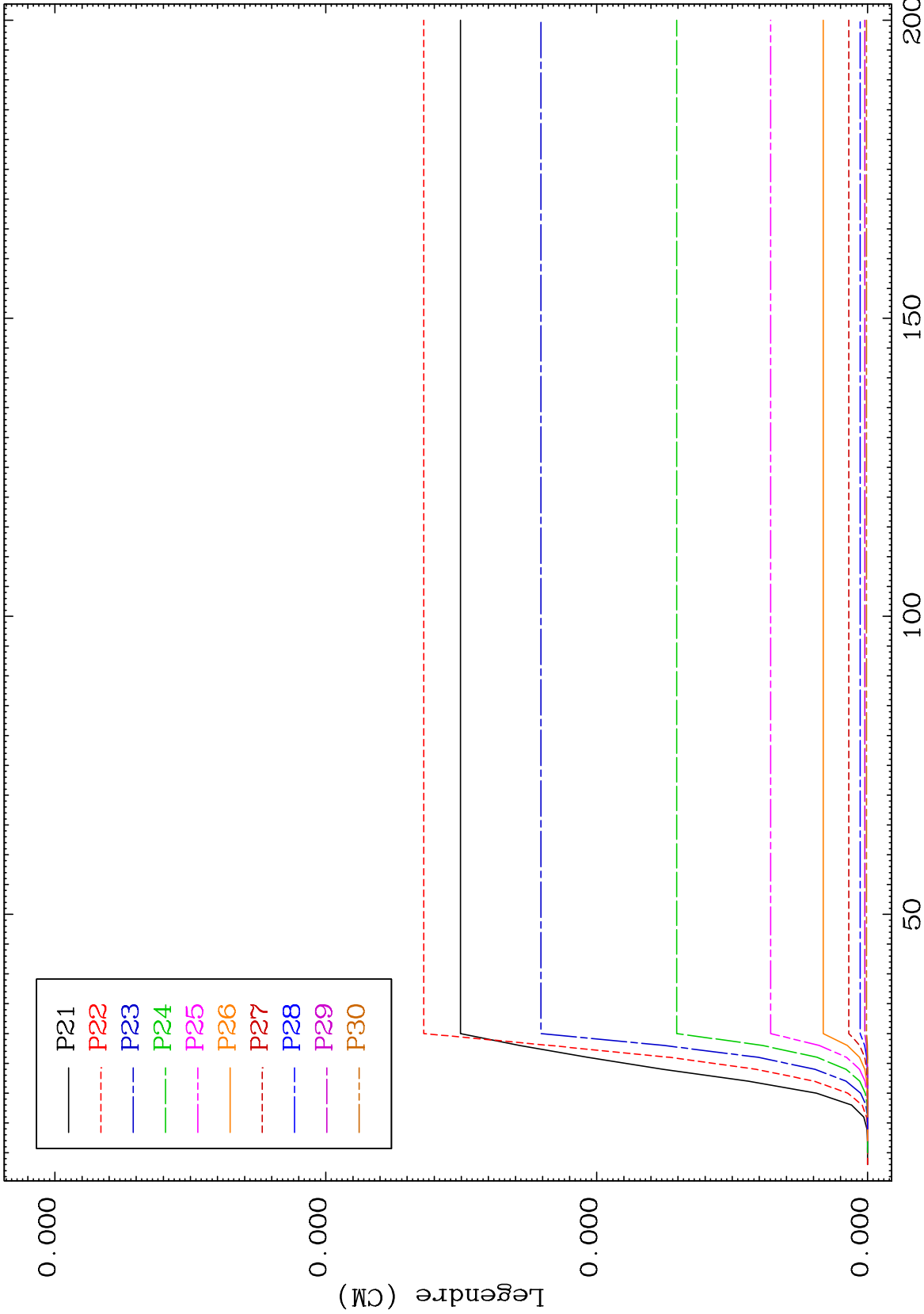
129

85-At-207

MAT 8537

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

85-At-207



130

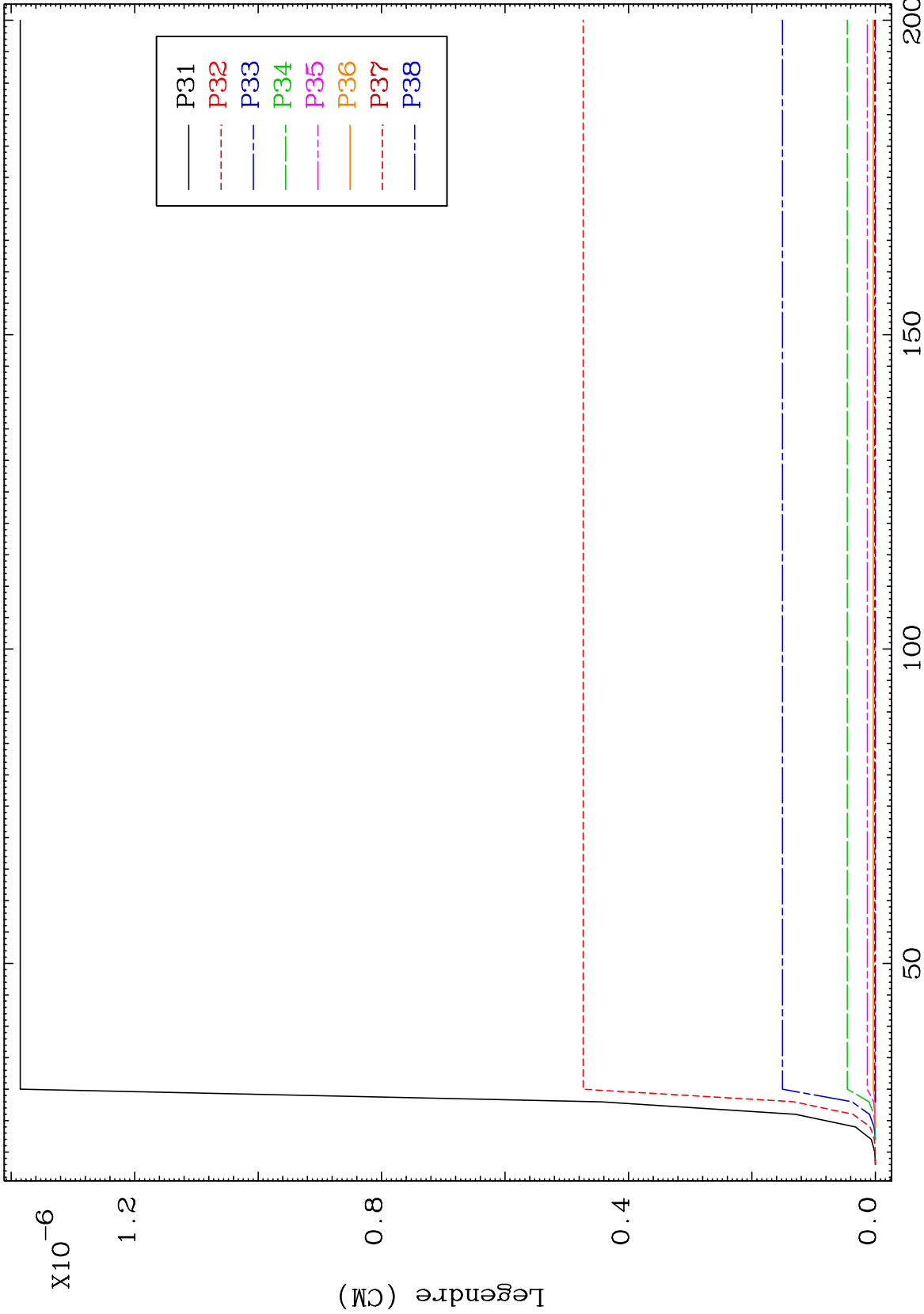
Incident Energy (MeV)

85-At-207

MAT 8537

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

85-At-207



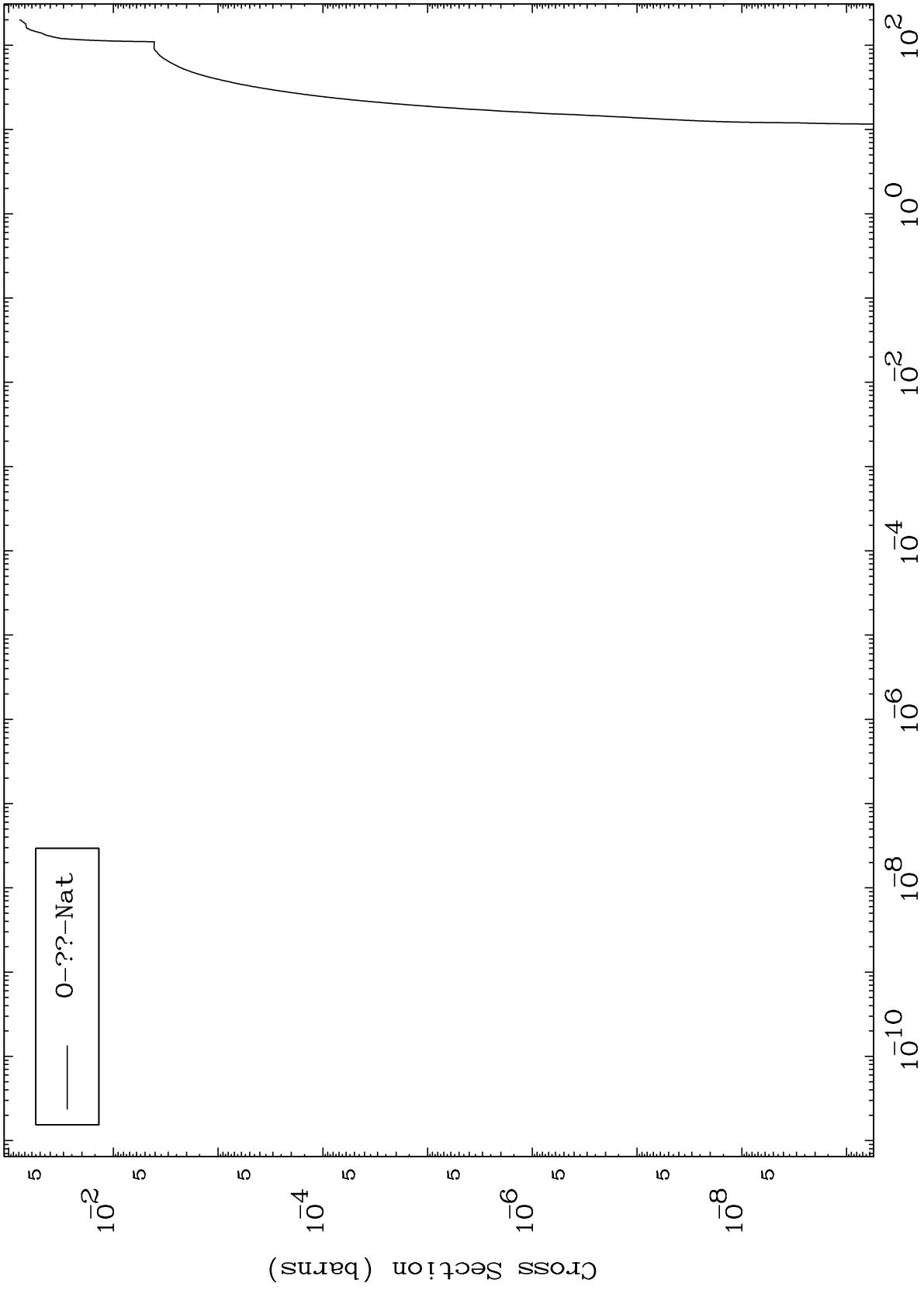
131

85-At-207

MAT 8537

Fission
Radionuclide Production Cross Section

85-At-207



132

Incident Energy (MeV)

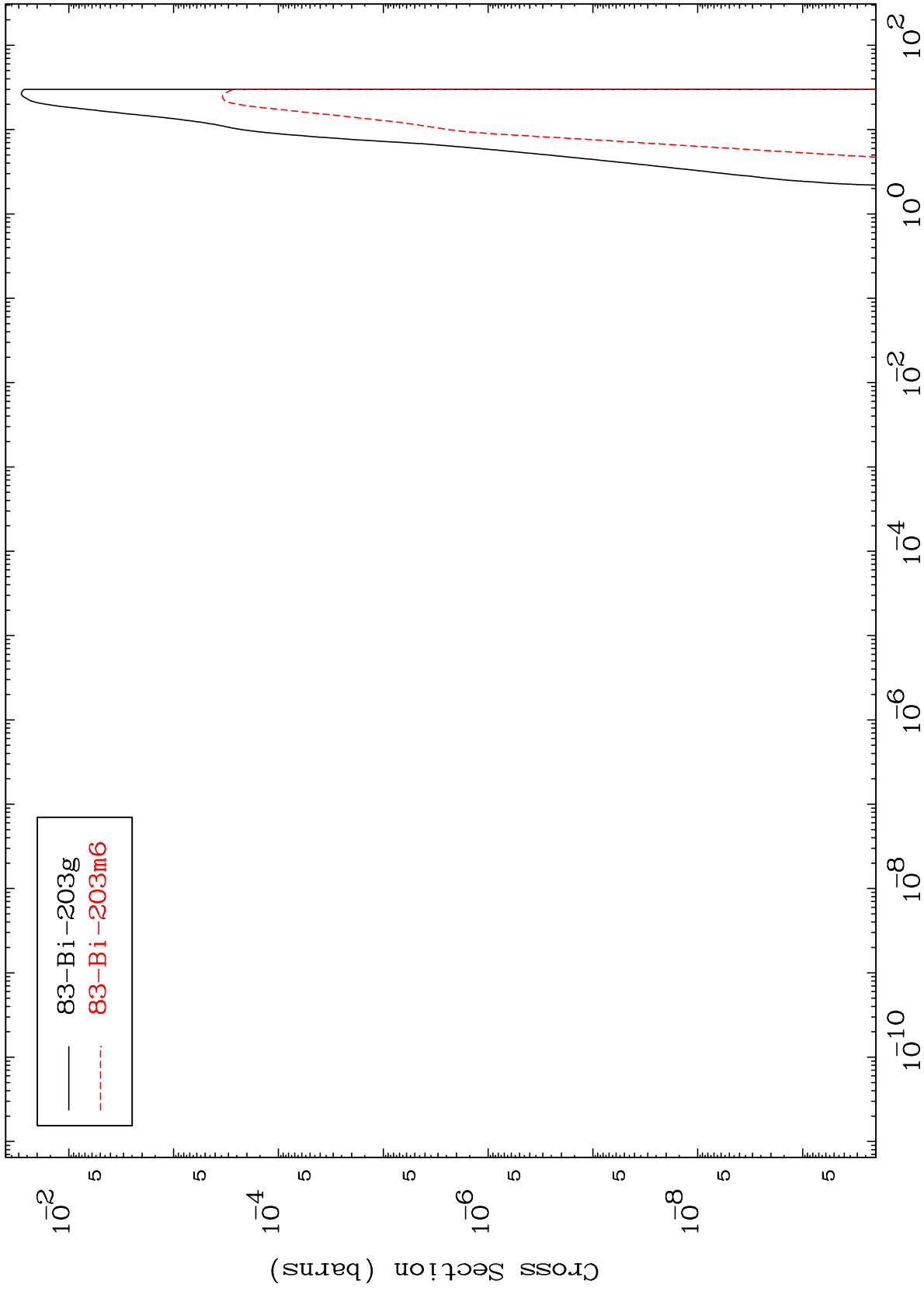
85-At-207

MAT 8537

(n,n') α

85-At-207

Radionuclide Production Cross Section



133

Incident Energy (MeV)

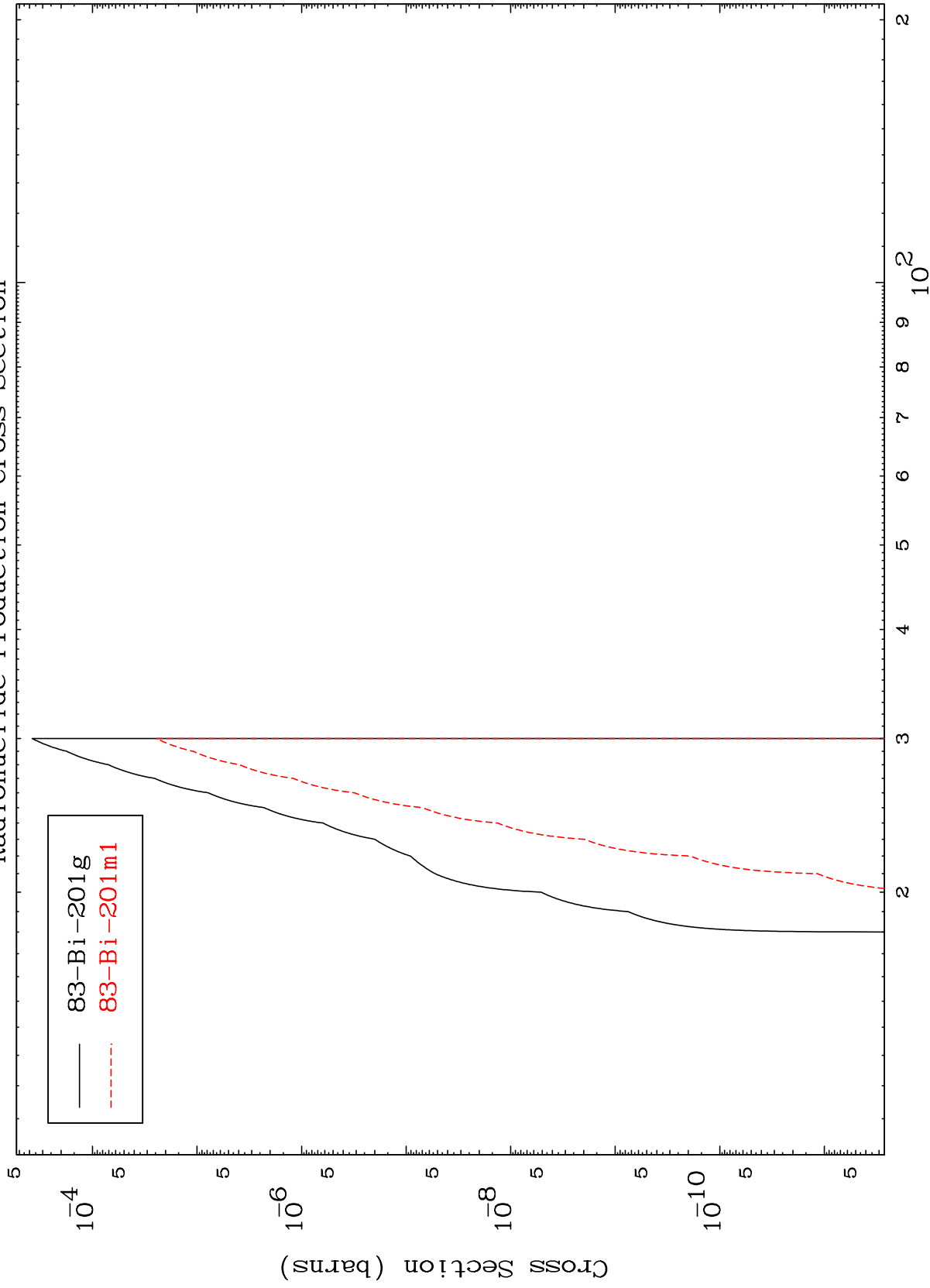
85-At-207

MAT 8537

(n,3n) α

85-At-207

Radionuclide Production Cross Section



134

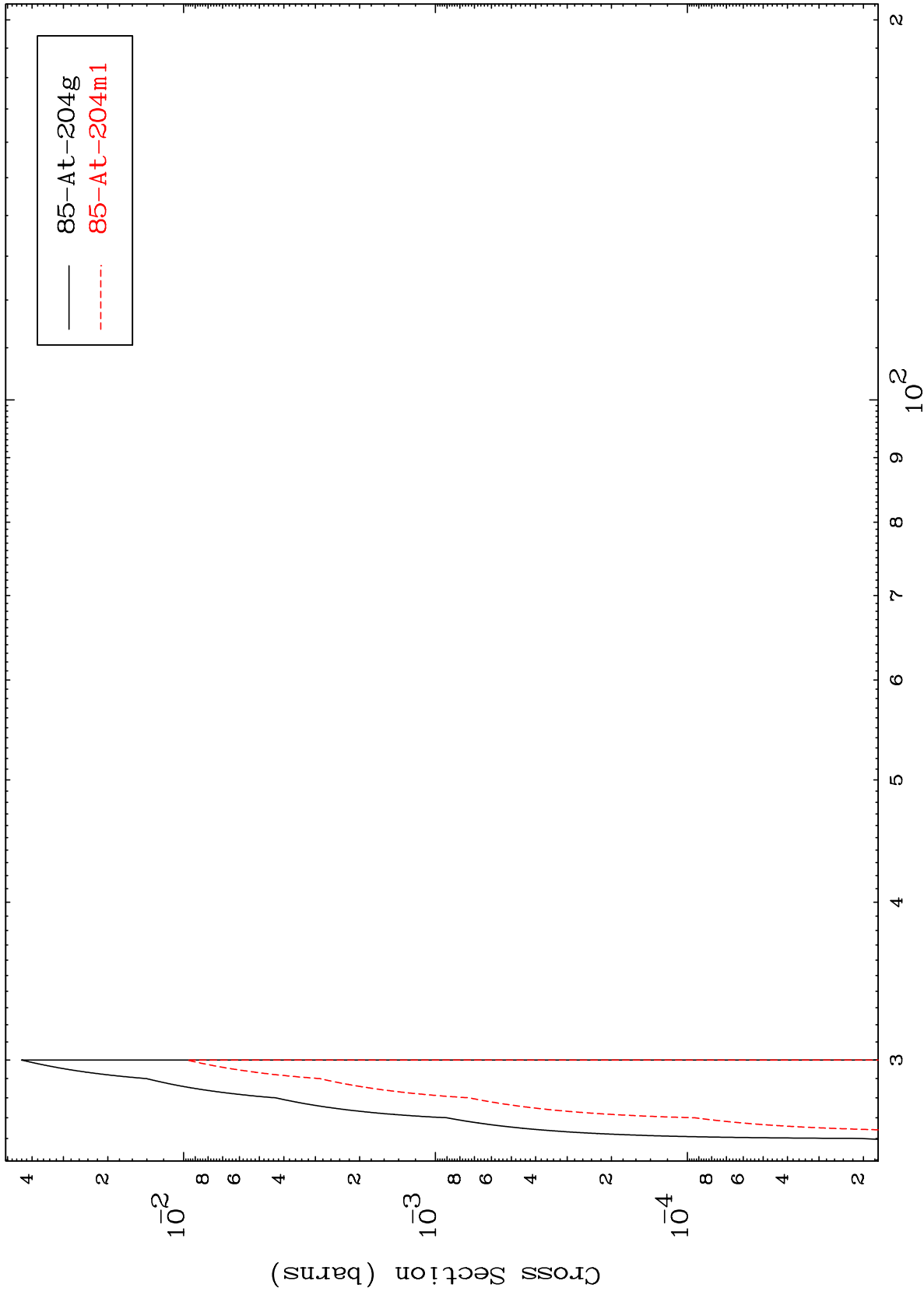
Incident Energy (MeV)

85-At-207

MAT 8537

85-At-207

(n,4n)
Radionuclide Production Cross Section



135

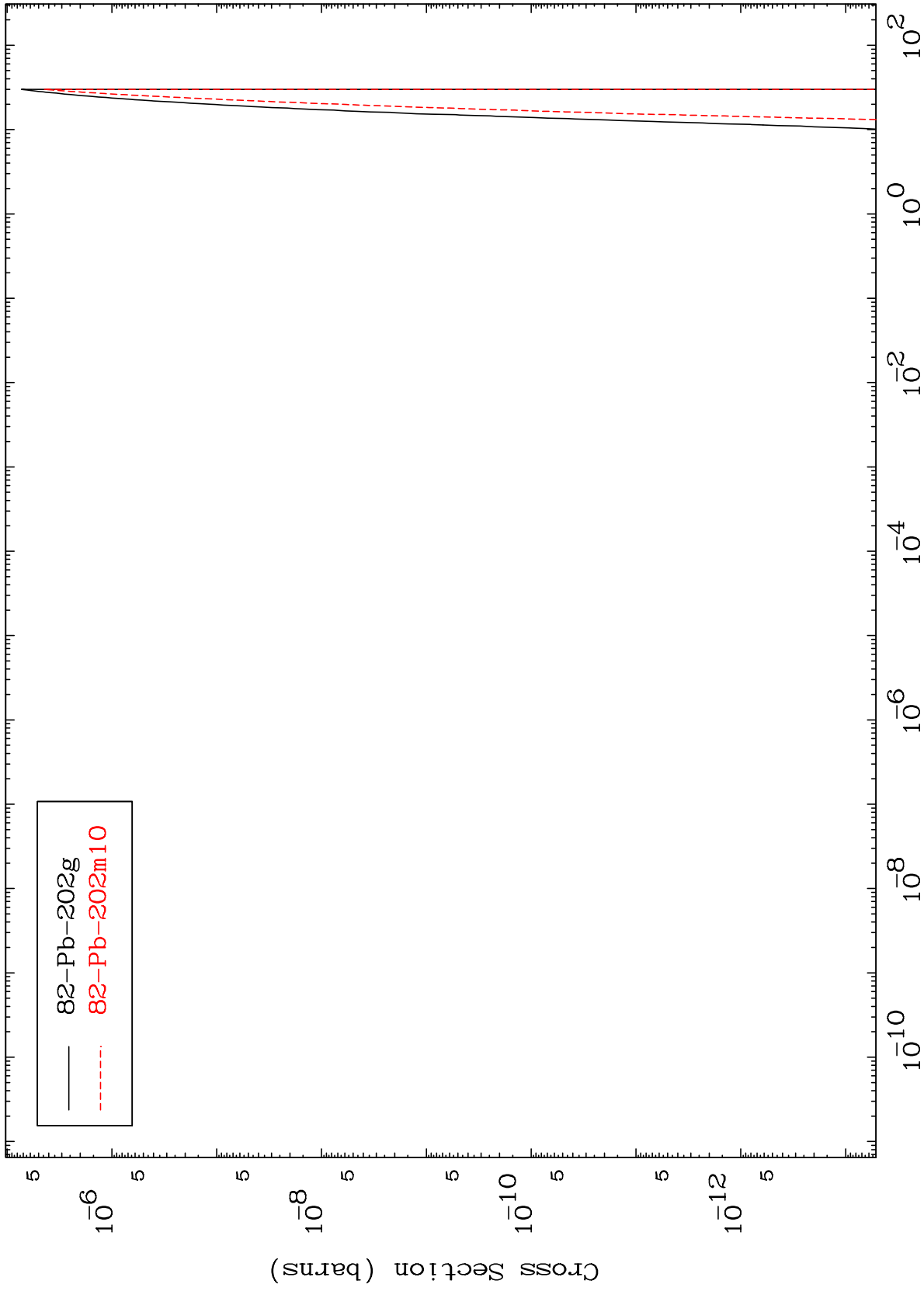
85-At-207

MAT 8537

(n,n') p α

85-At-207

Radionuclide Production Cross Section



136

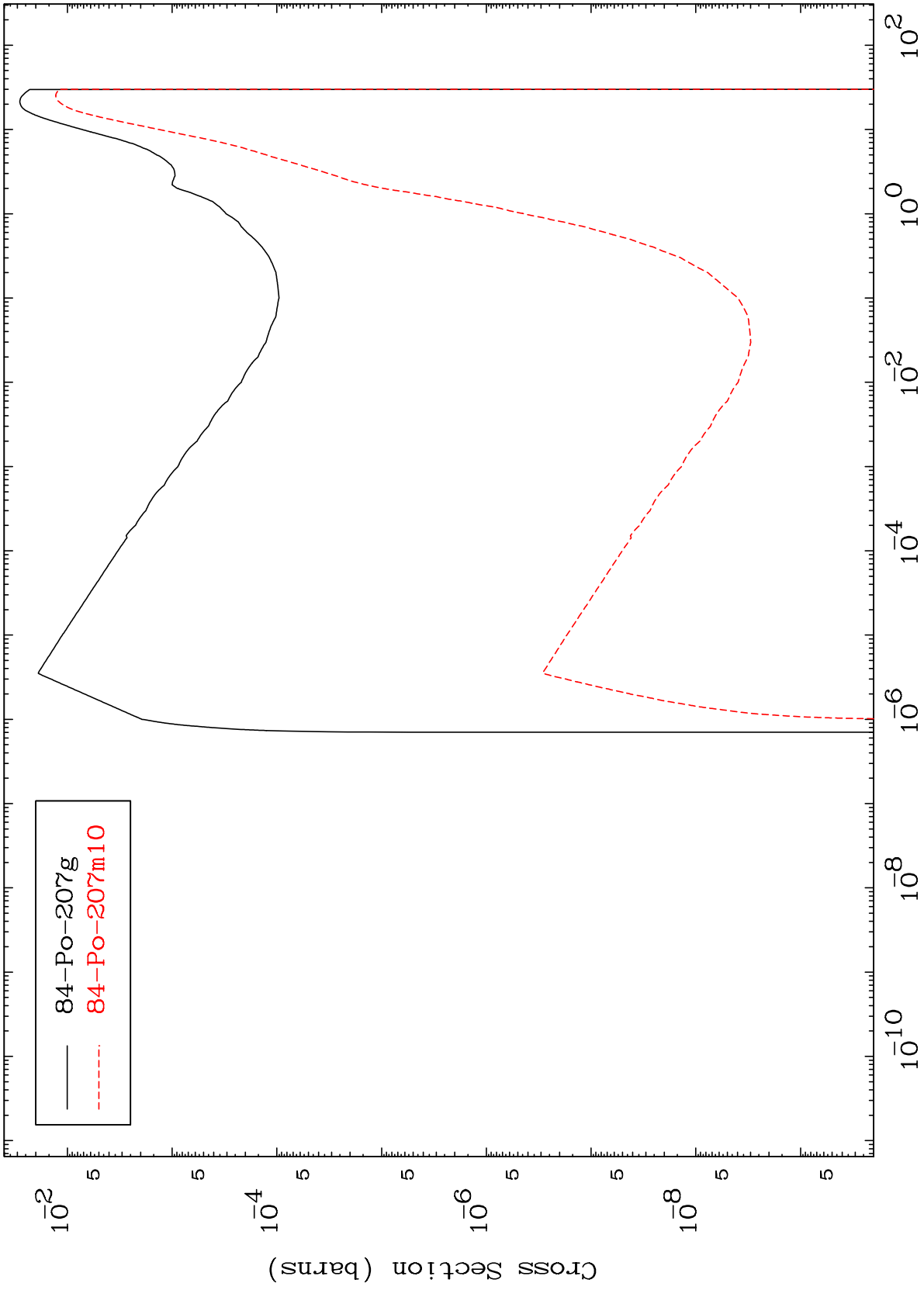
Incident Energy (MeV)

85-At-207

MAT 8537

85-At-207

Radionuclide Production Cross Section (n,p)



— 84-Po-207g
- - - 84-Po-207m10

85-At-207

Incident Energy (MeV)

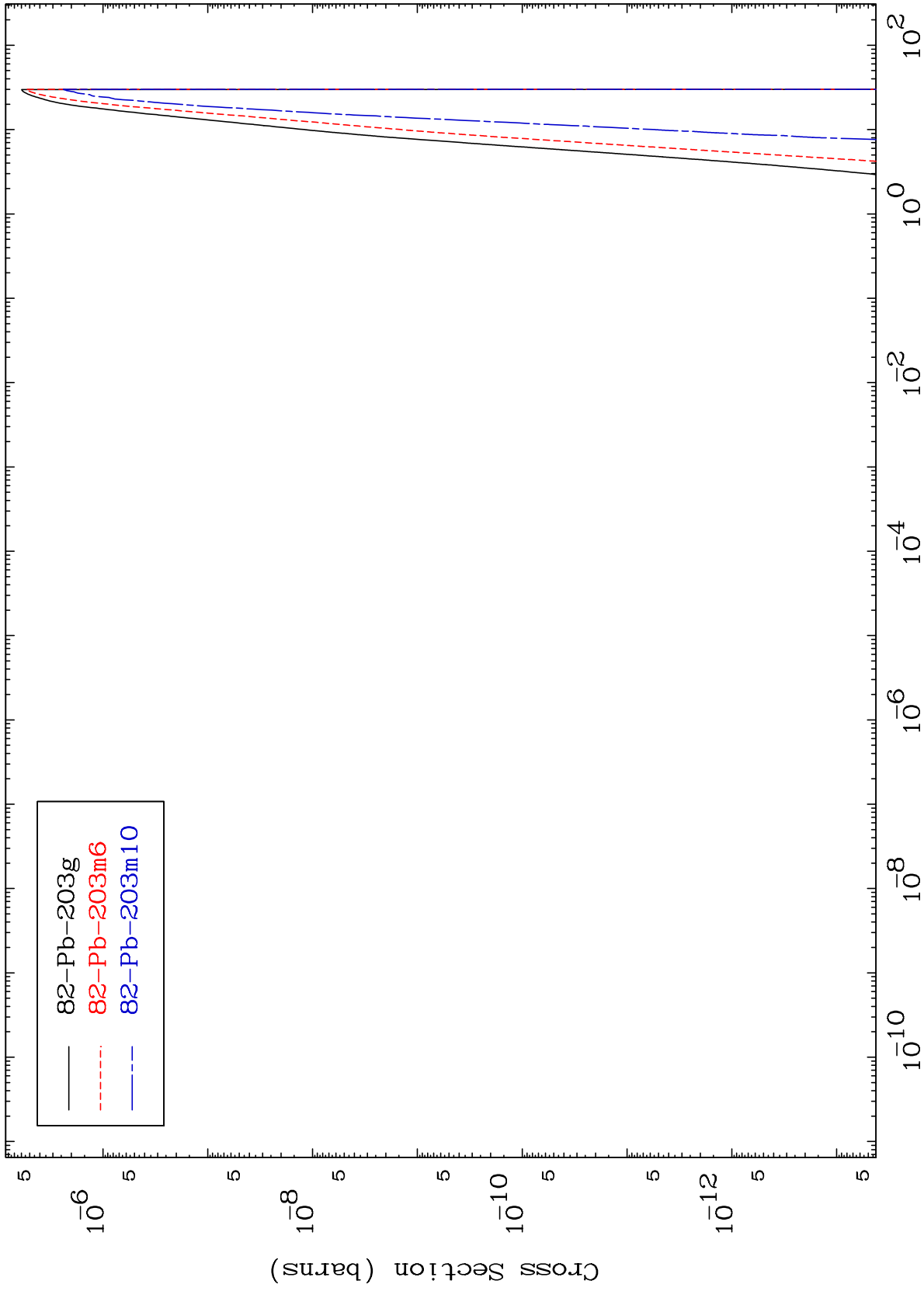
137

MAT 8537

(n,p) α

85-At-207

Radionuclide Production Cross Section



138

Incident Energy (MeV)

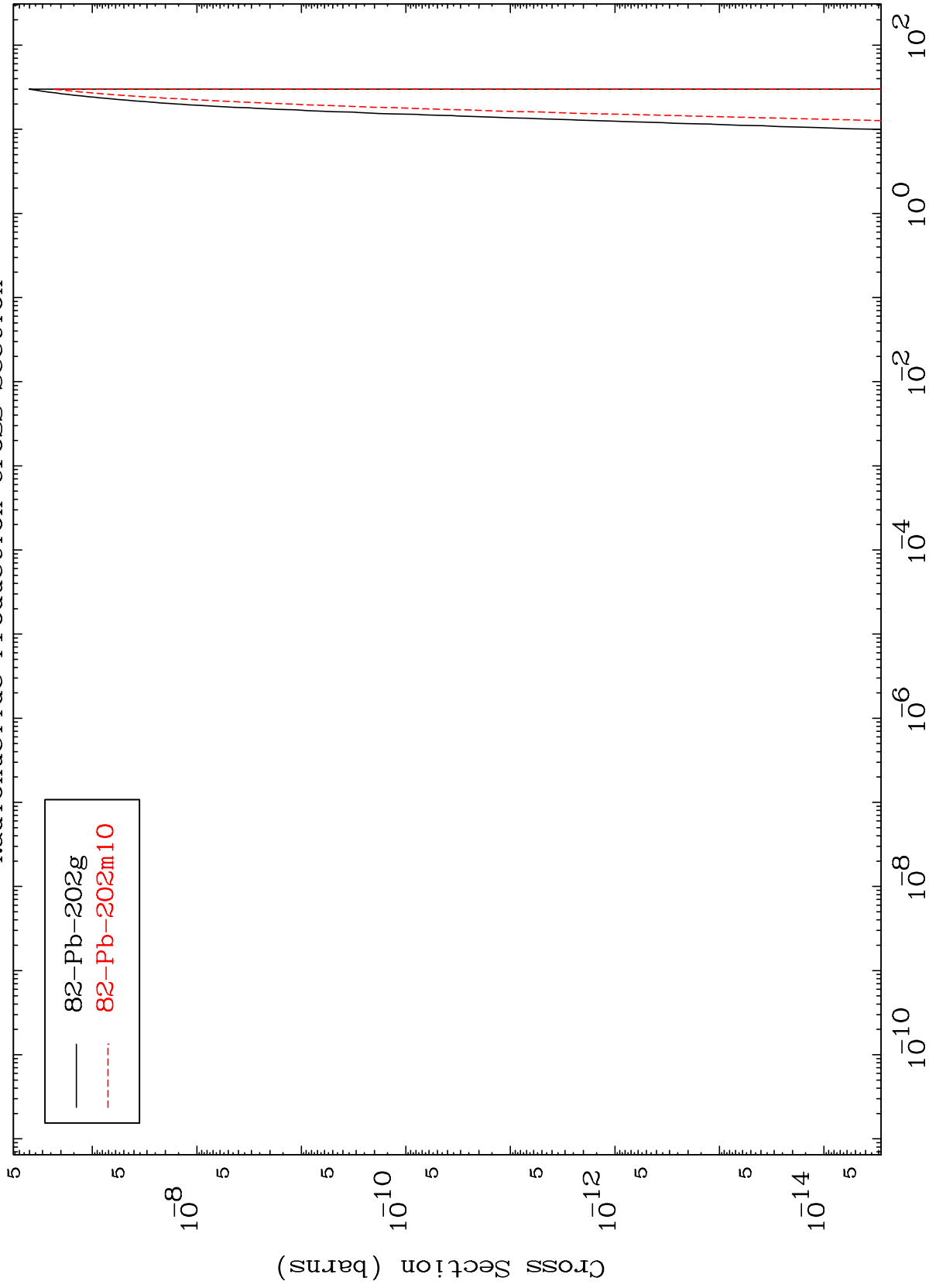
85-At-207

MAT 8537

(n,d) α

85-At-207

Radionuclide Production Cross Section



139

85-At-207