

Program EVALPLOT  
(Version 2018-1)

by

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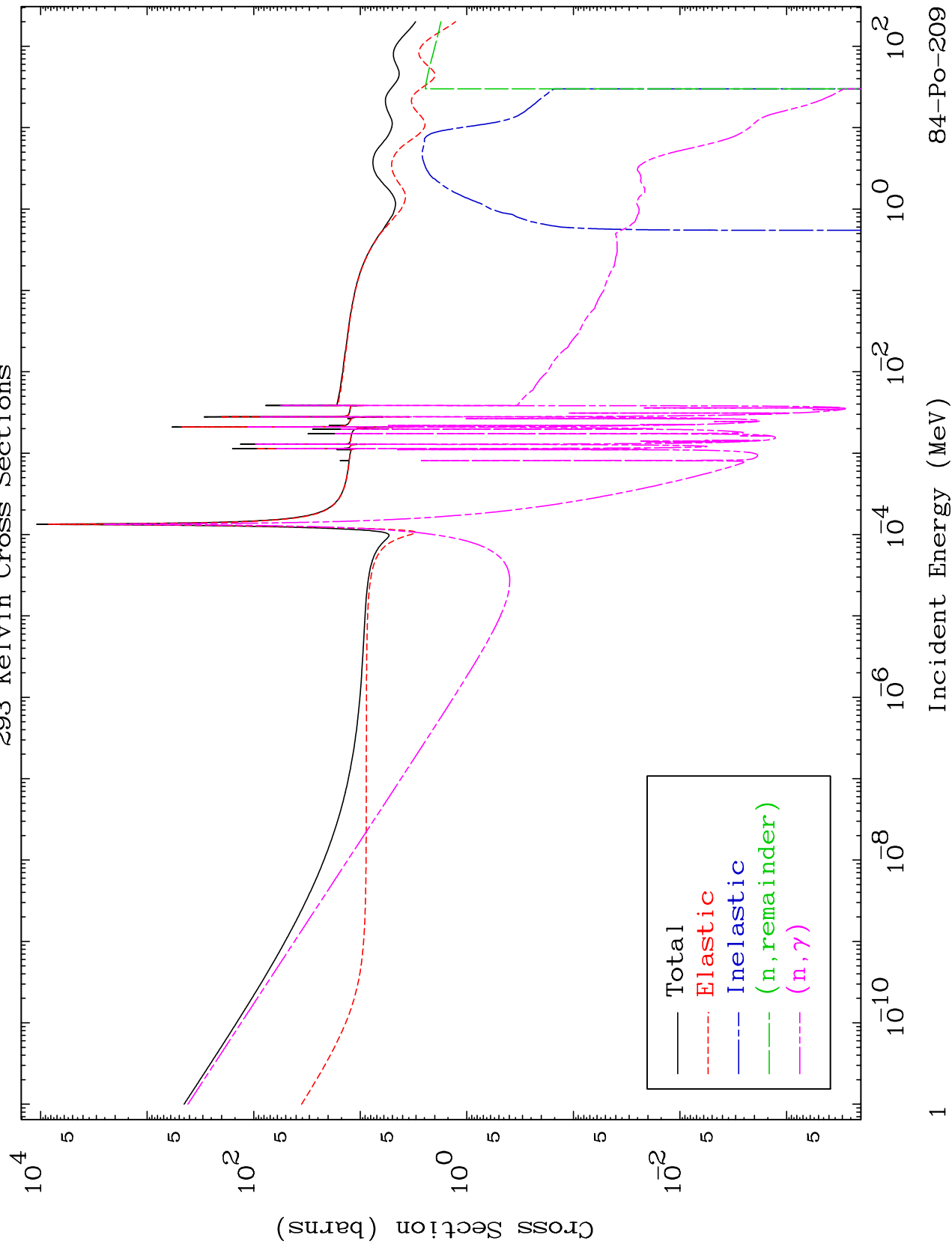
Press Mouse Button to Start

MAT 8434

Major

293 Kelvin Cross Sections

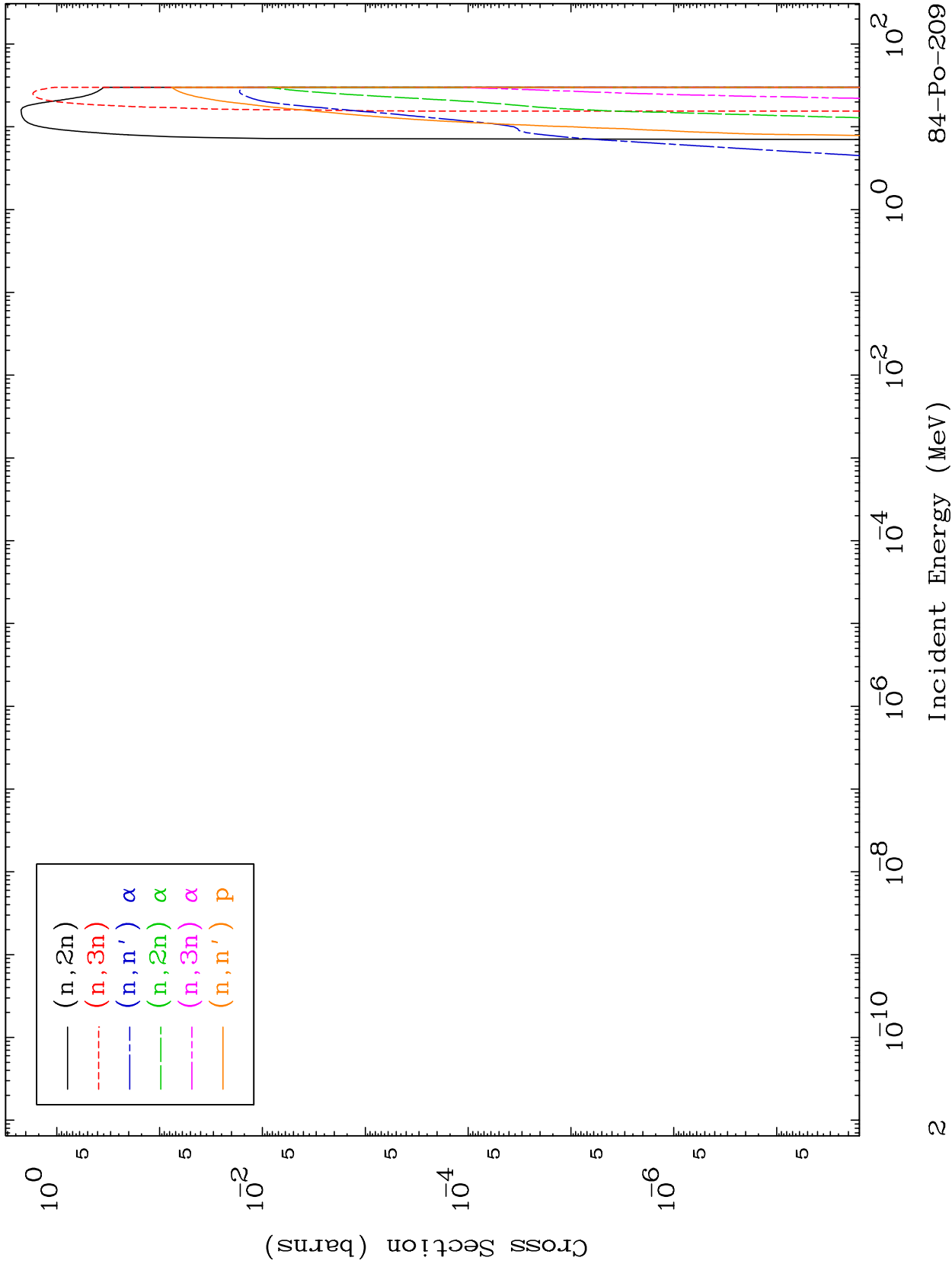
84-Po-209



MAT 8434

Neutron Production  
293 Kelvin Cross Sections

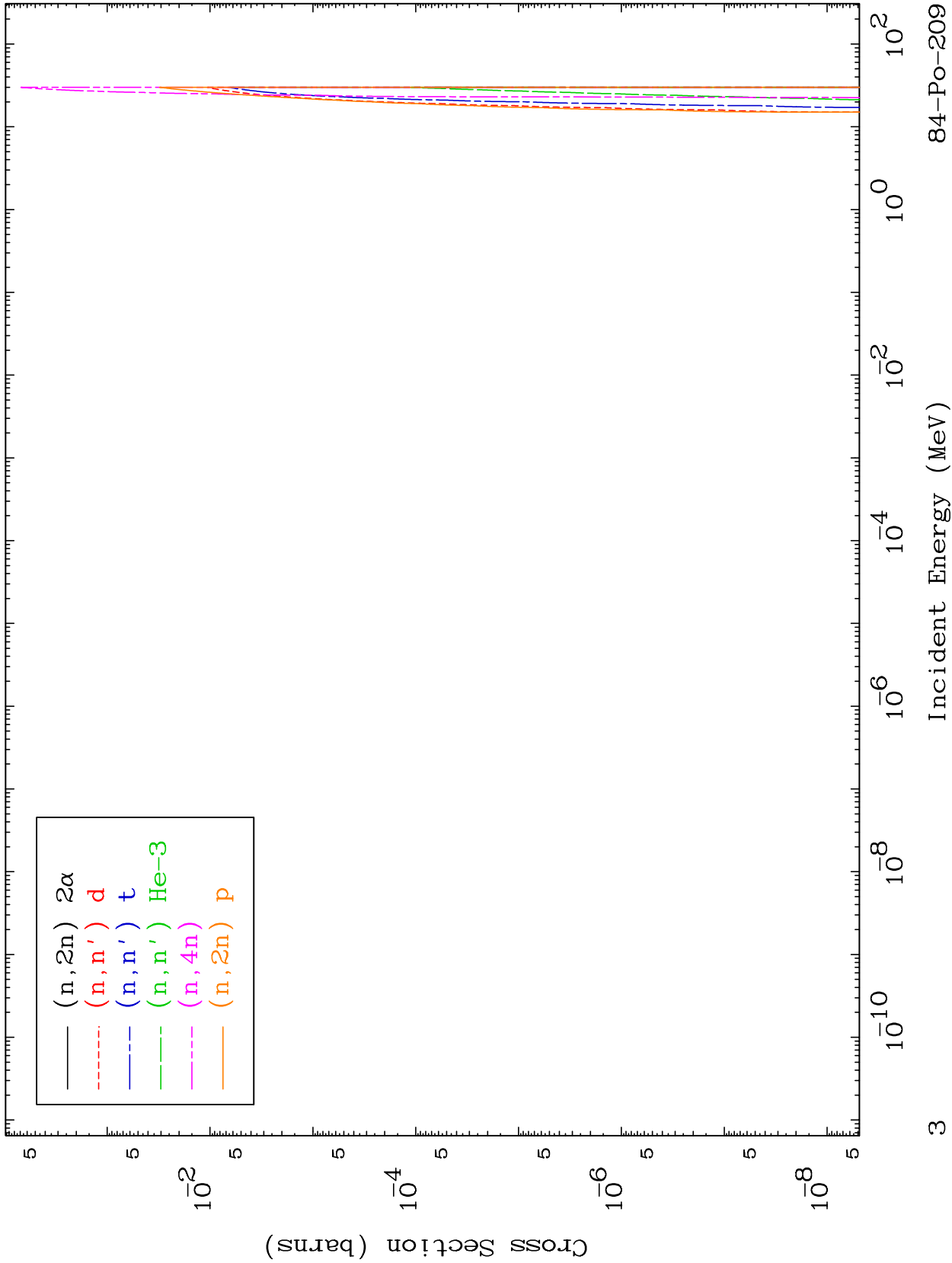
84-Po-209



MAT 8434

Neutron Production  
293 Kelvin Cross Sections

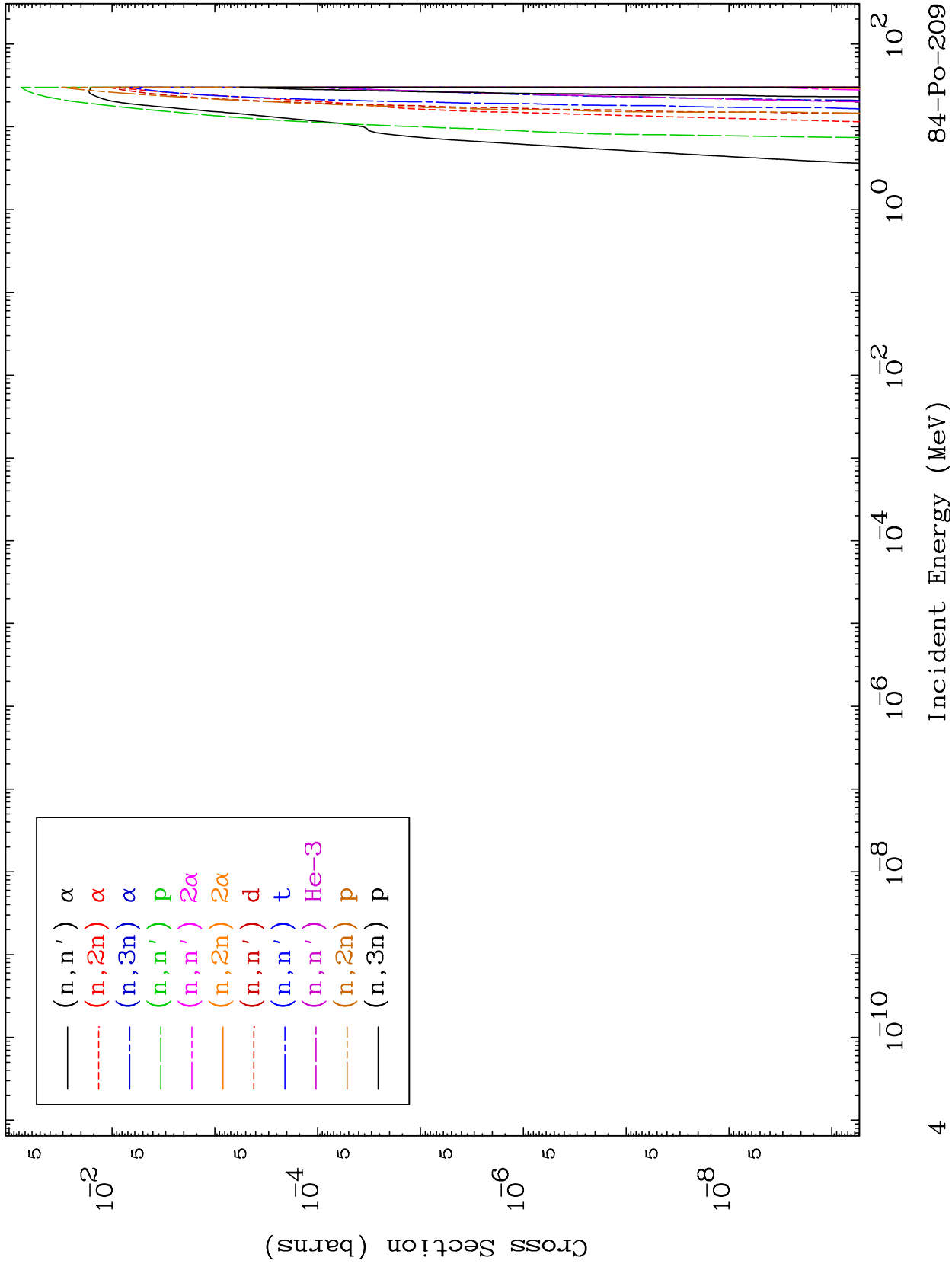
84-Po-209



MAT 8434

Charged Particle  
293 Kelvin Cross Sections

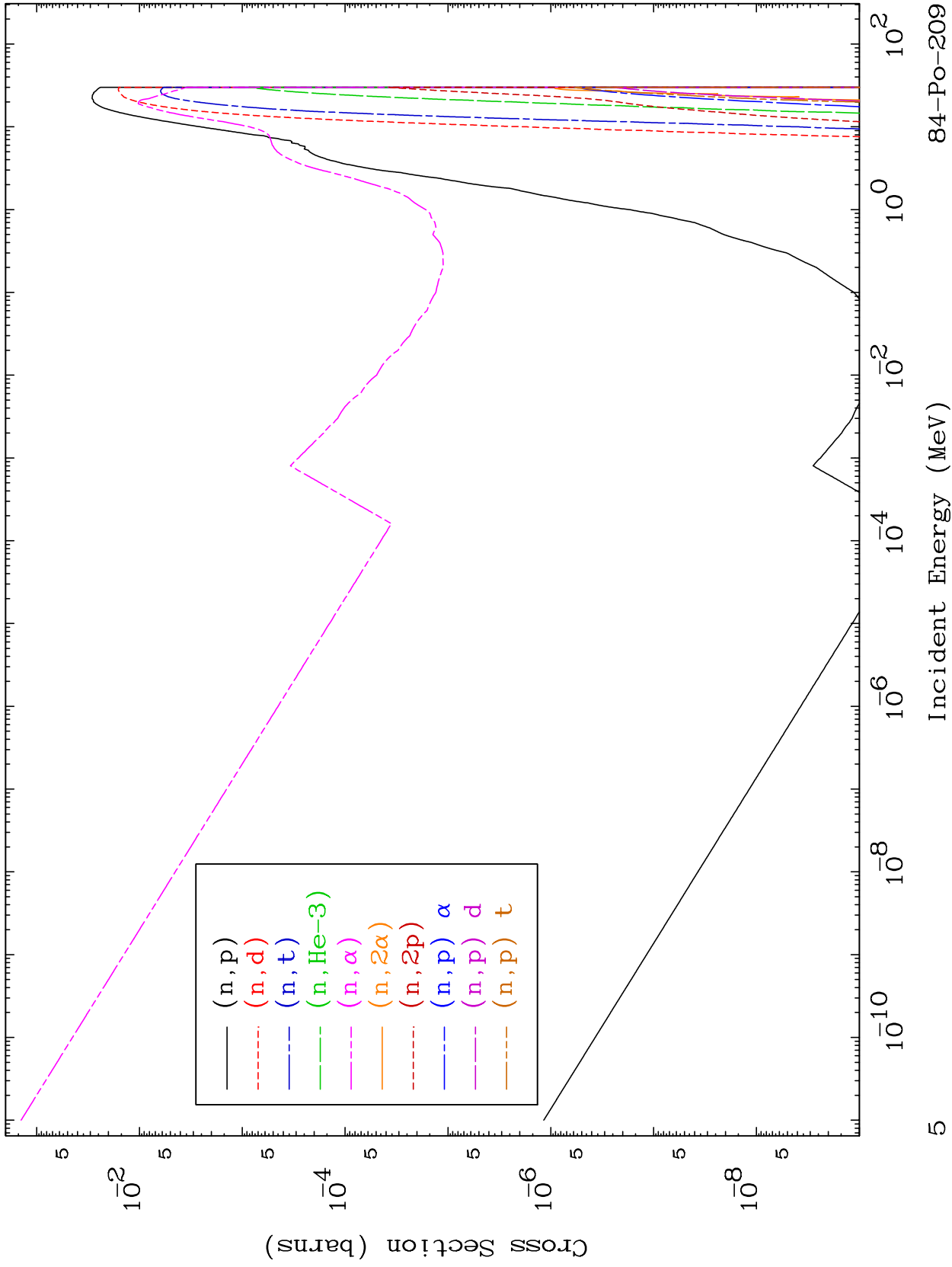
84-Po-209



MAT 8434

Charged Particle  
293 Kelvin Cross Sections

84-Po-209



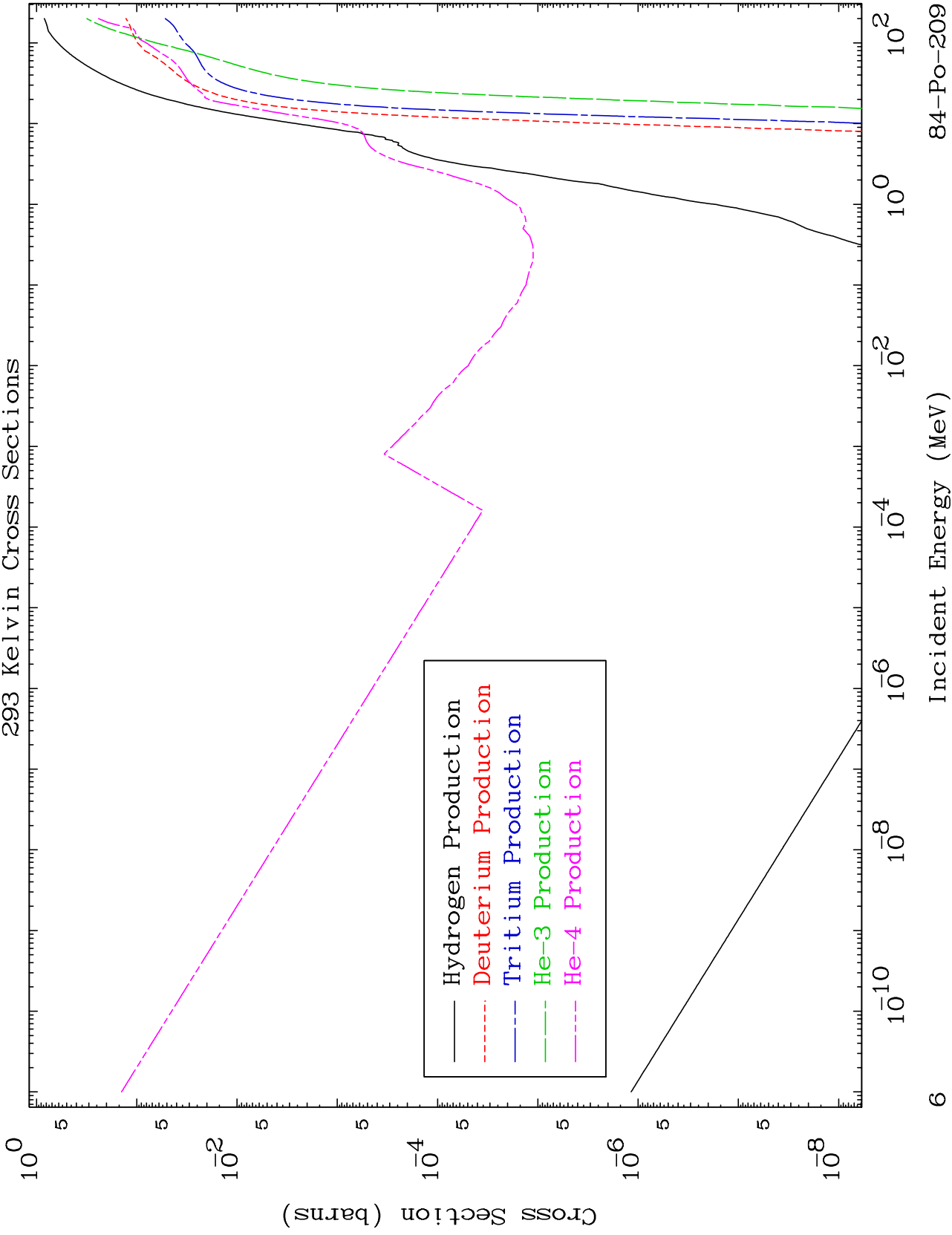
5

84-Po-209

MAT 8434

Particle Production  
293 Kelvin Cross Sections

84-Po-209

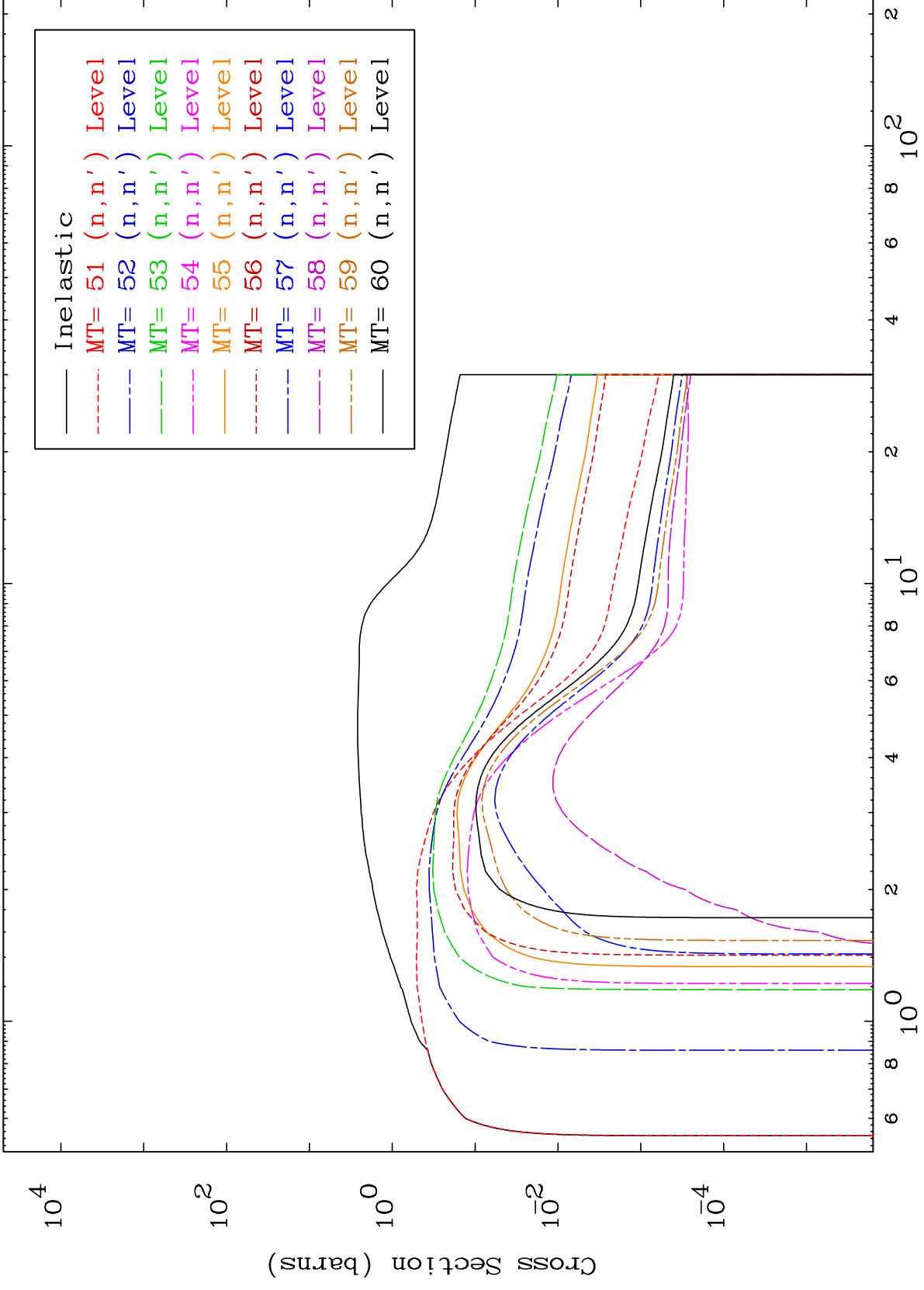


MAT 8434

(n,n') Level

84-Po-209

293 Kelvin Cross Sections



7

Incident Energy (MeV)

84-Po-209

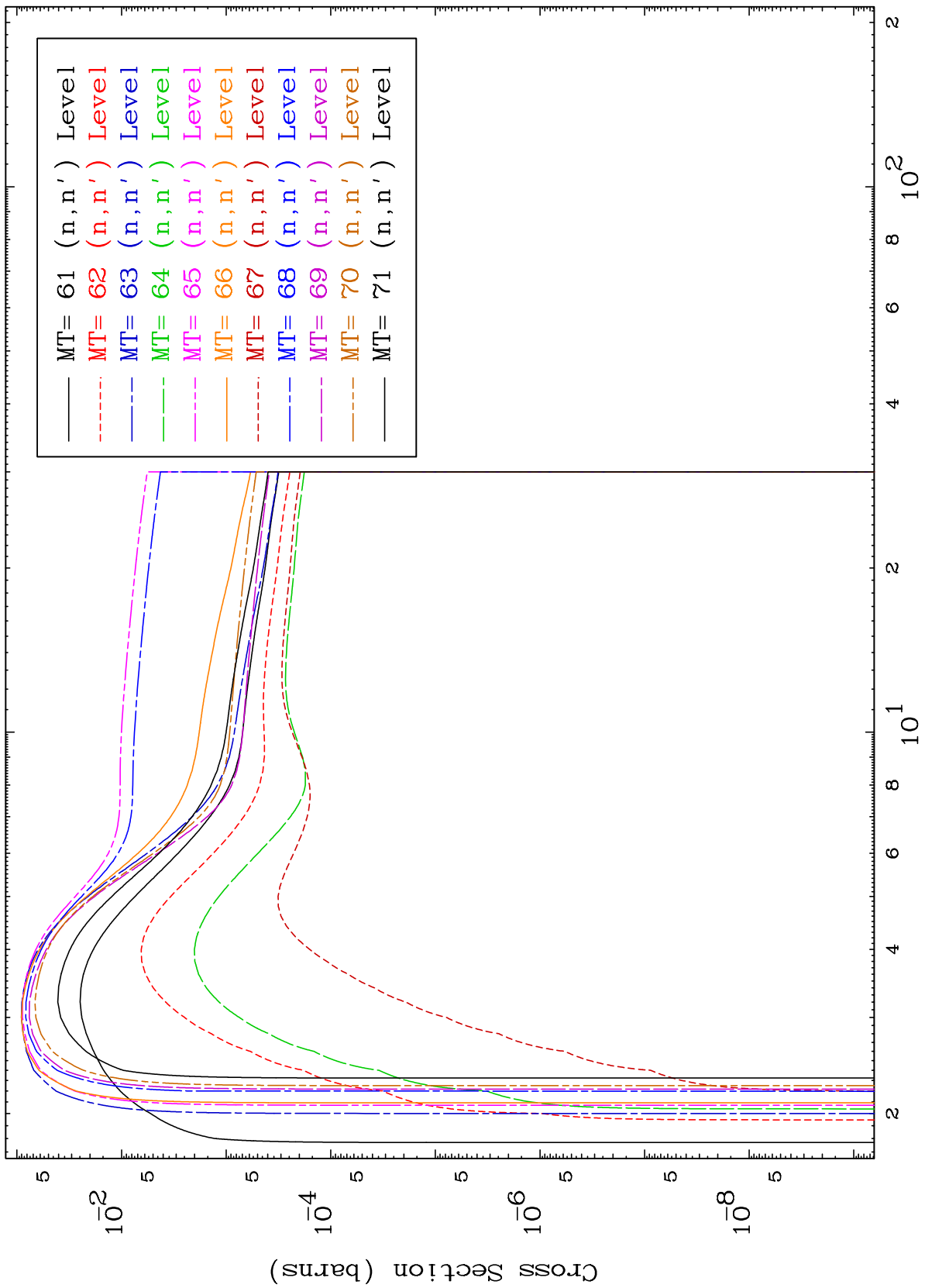


MAT 8434

(n,n') Level

84-Po-209

293 Kelvin Cross Sections

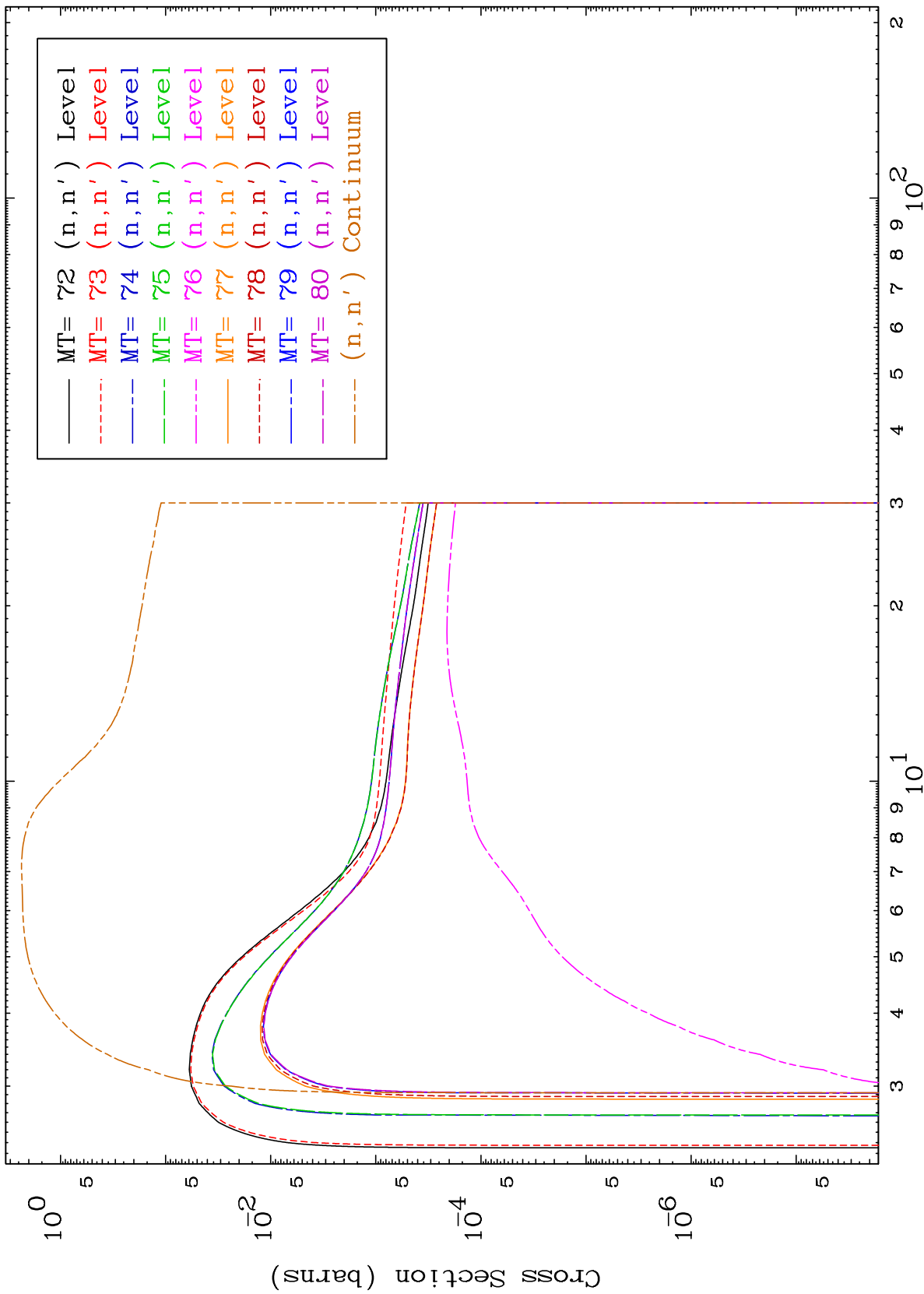


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Incident Energy (MeV)

84-Po-209

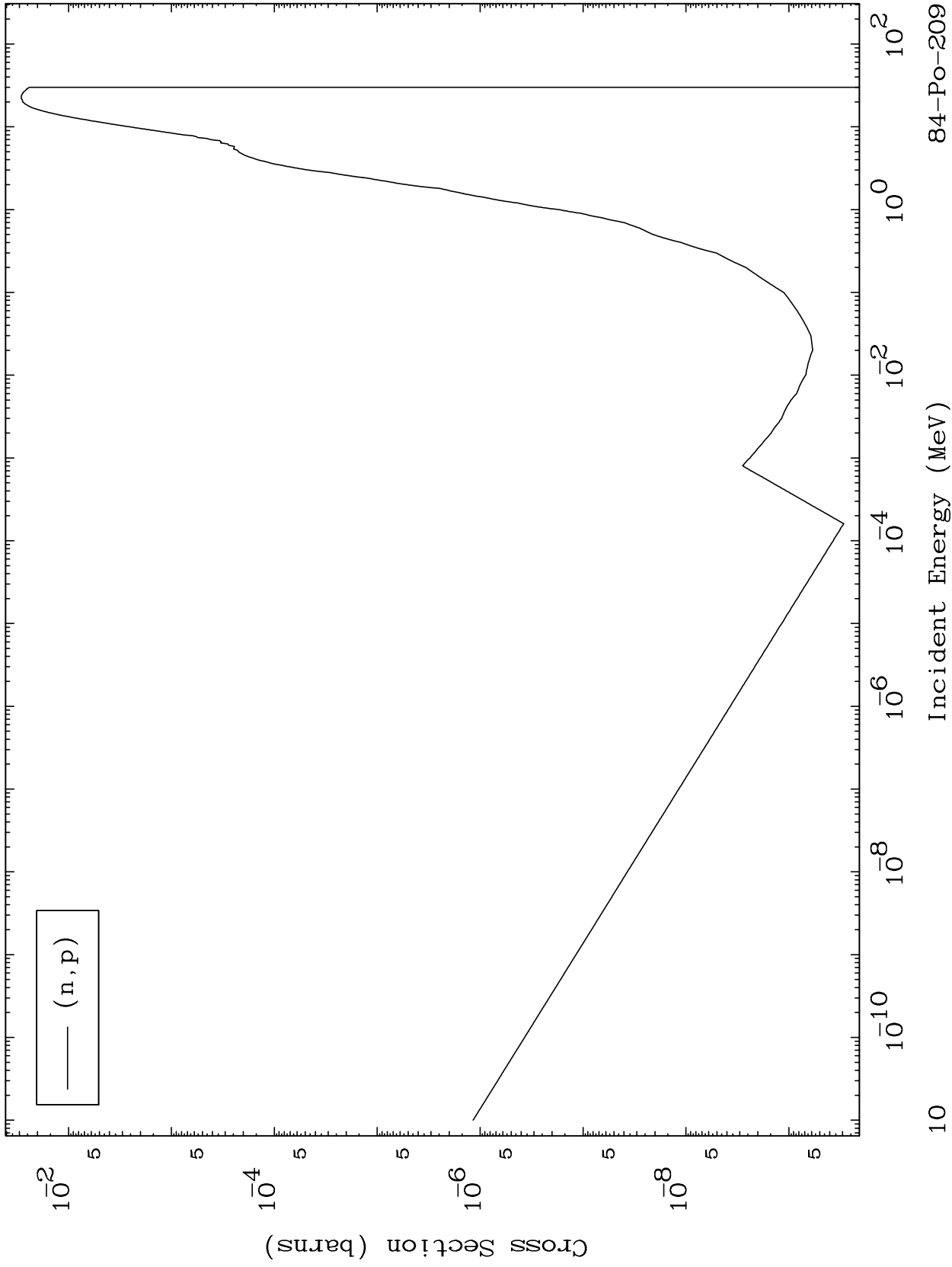
293 Kelvin Cross Sections



MAT 8434

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-209



10

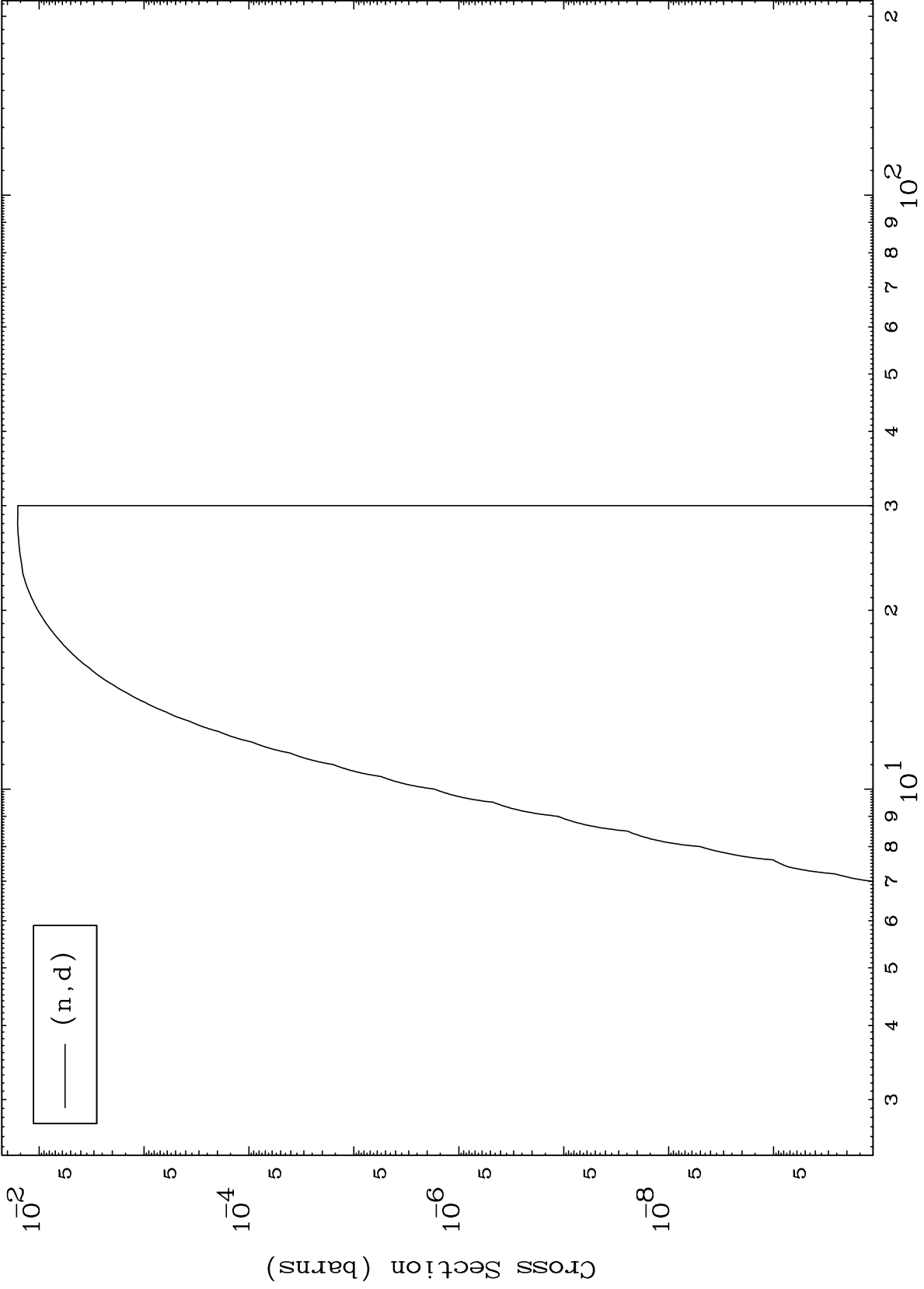
Incident Energy (MeV)

84-Po-209

MAT 8434

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-209



11

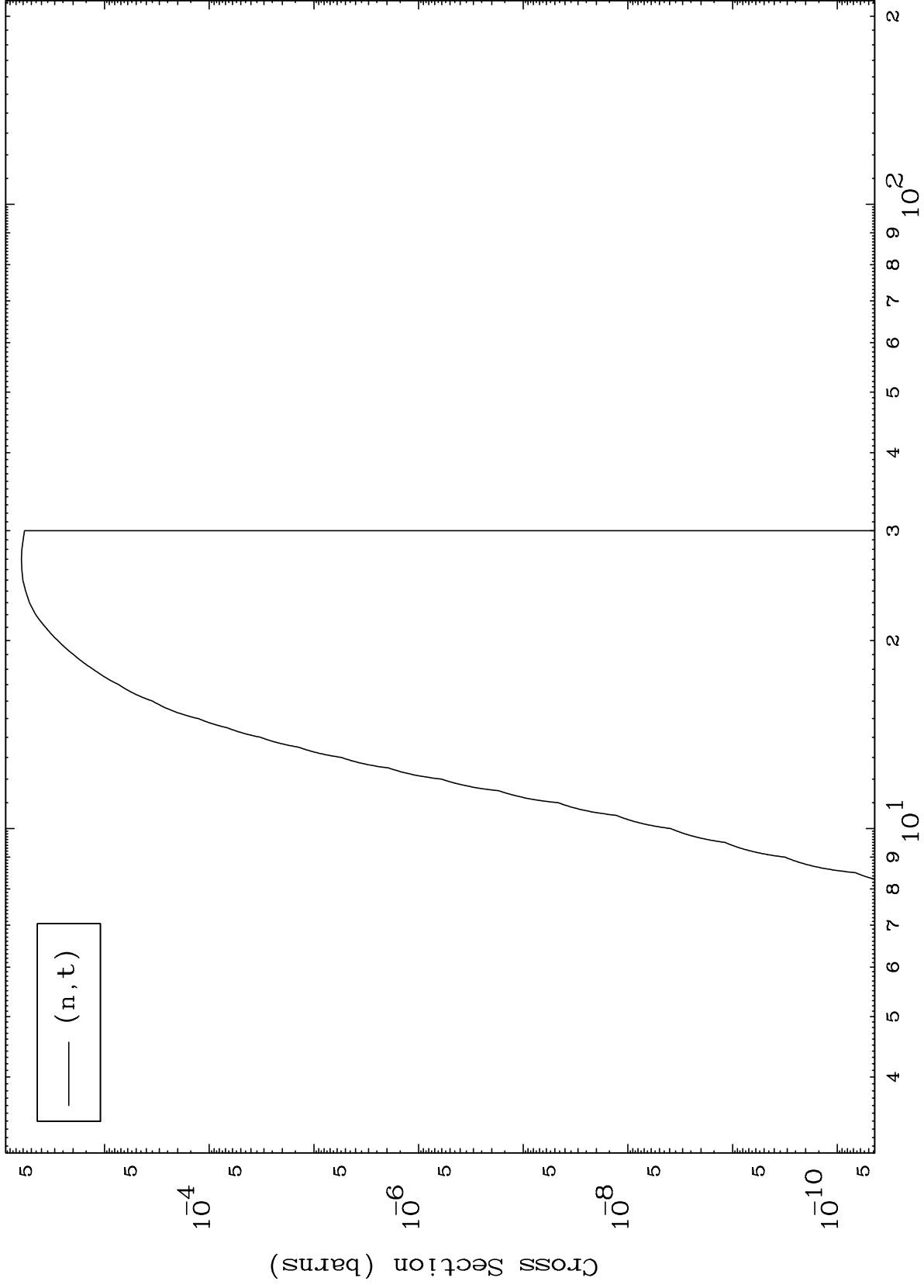
Incident Energy (MeV)

84-Po-209

MAT 8434

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-209



12

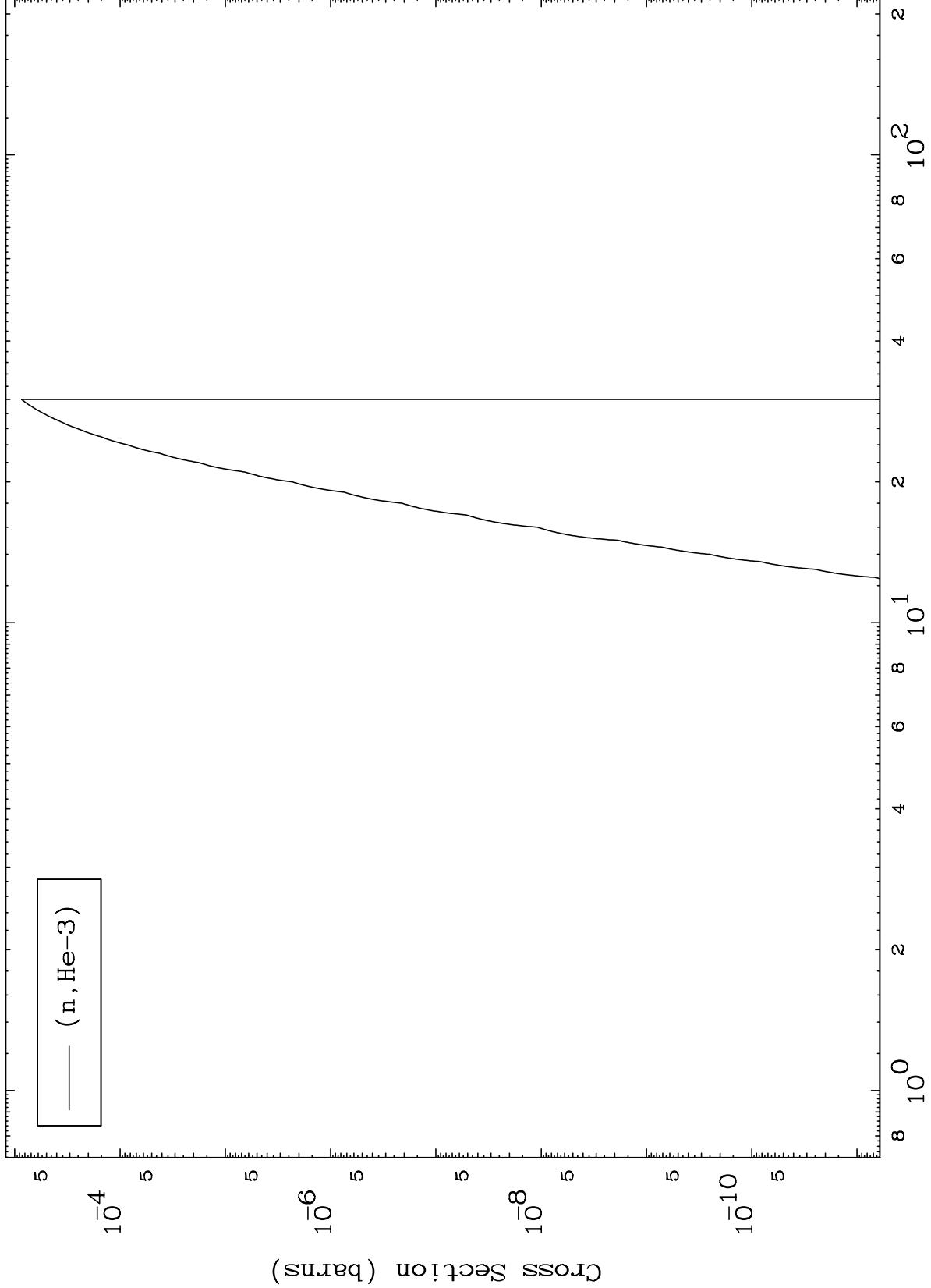
Incident Energy (MeV)

84-Po-209

MAT 8434

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-209



13

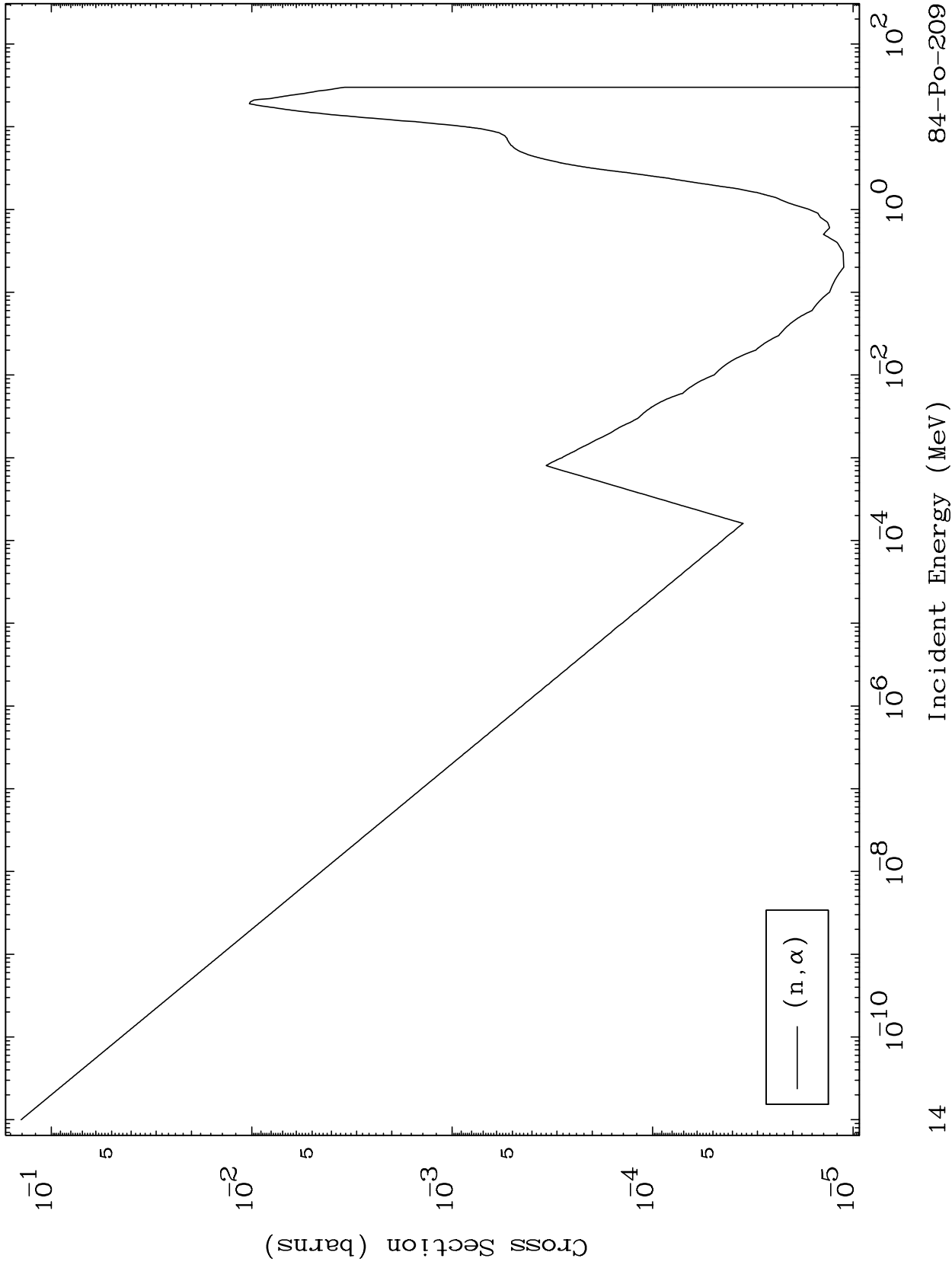
Incident Energy (MeV)

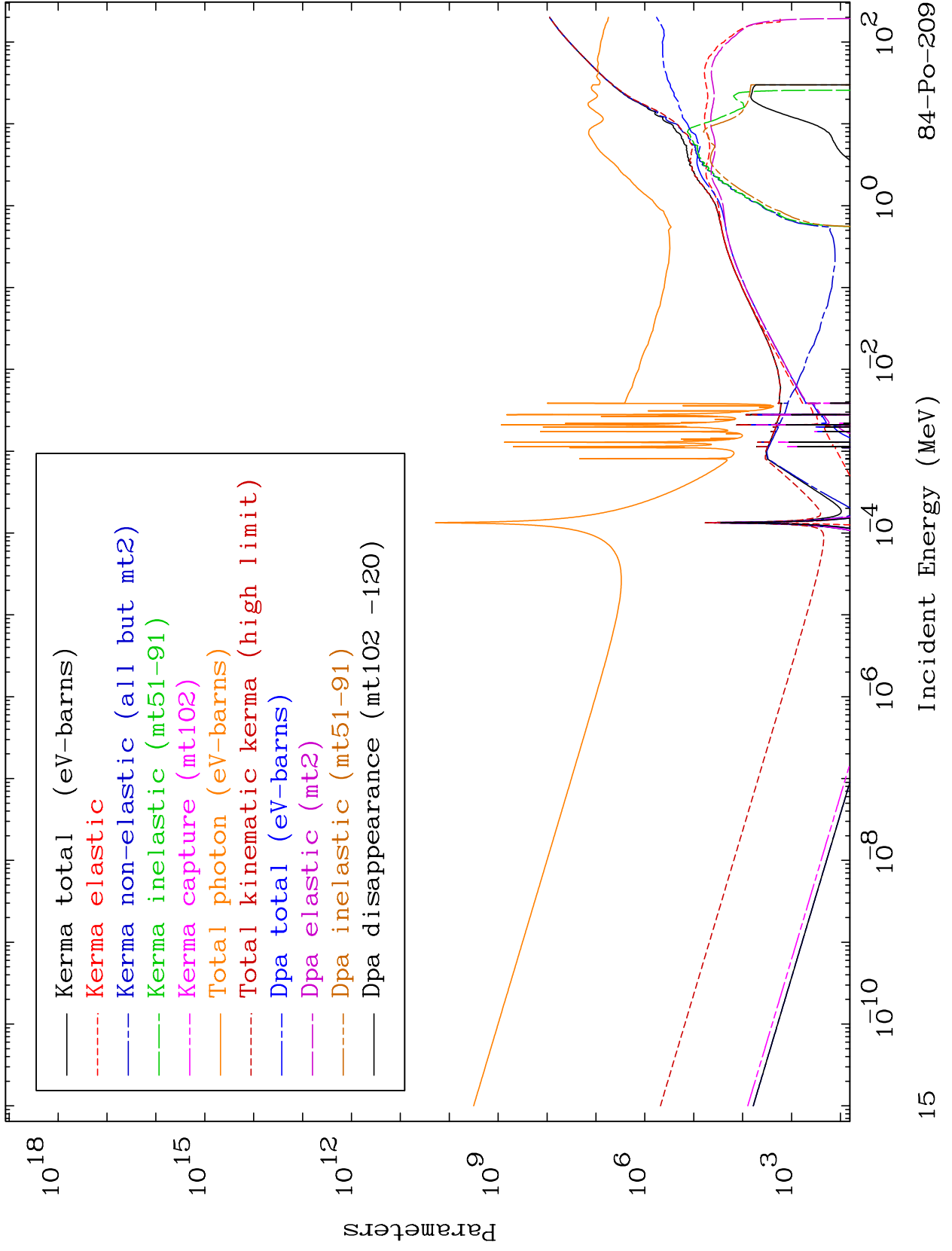
84-Po-209

MAT 8434

(n,α) Levels  
293 Kelvin Cross Sections

84-Po-209



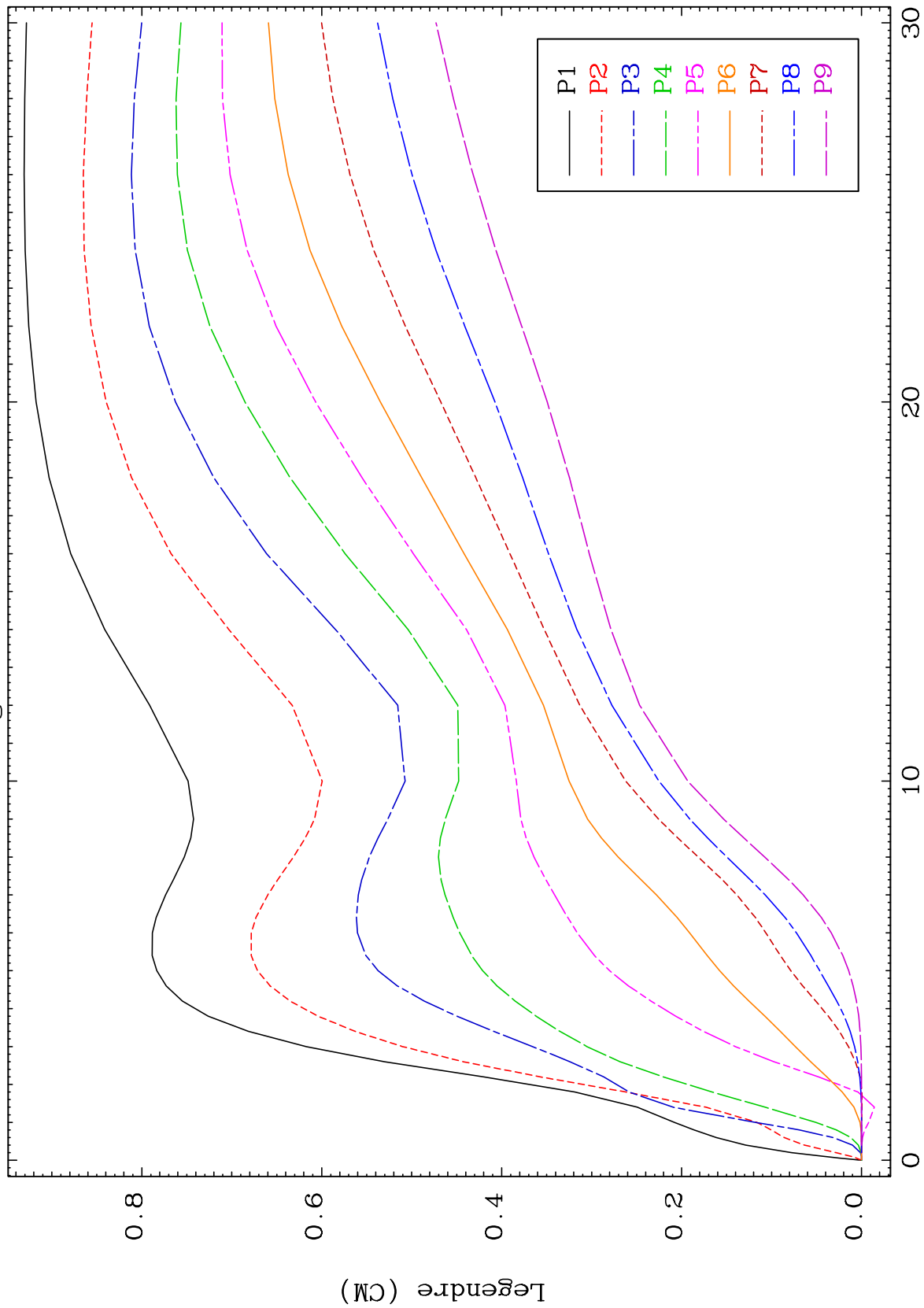




MAT 8434

Elastic Legendre Coefficients

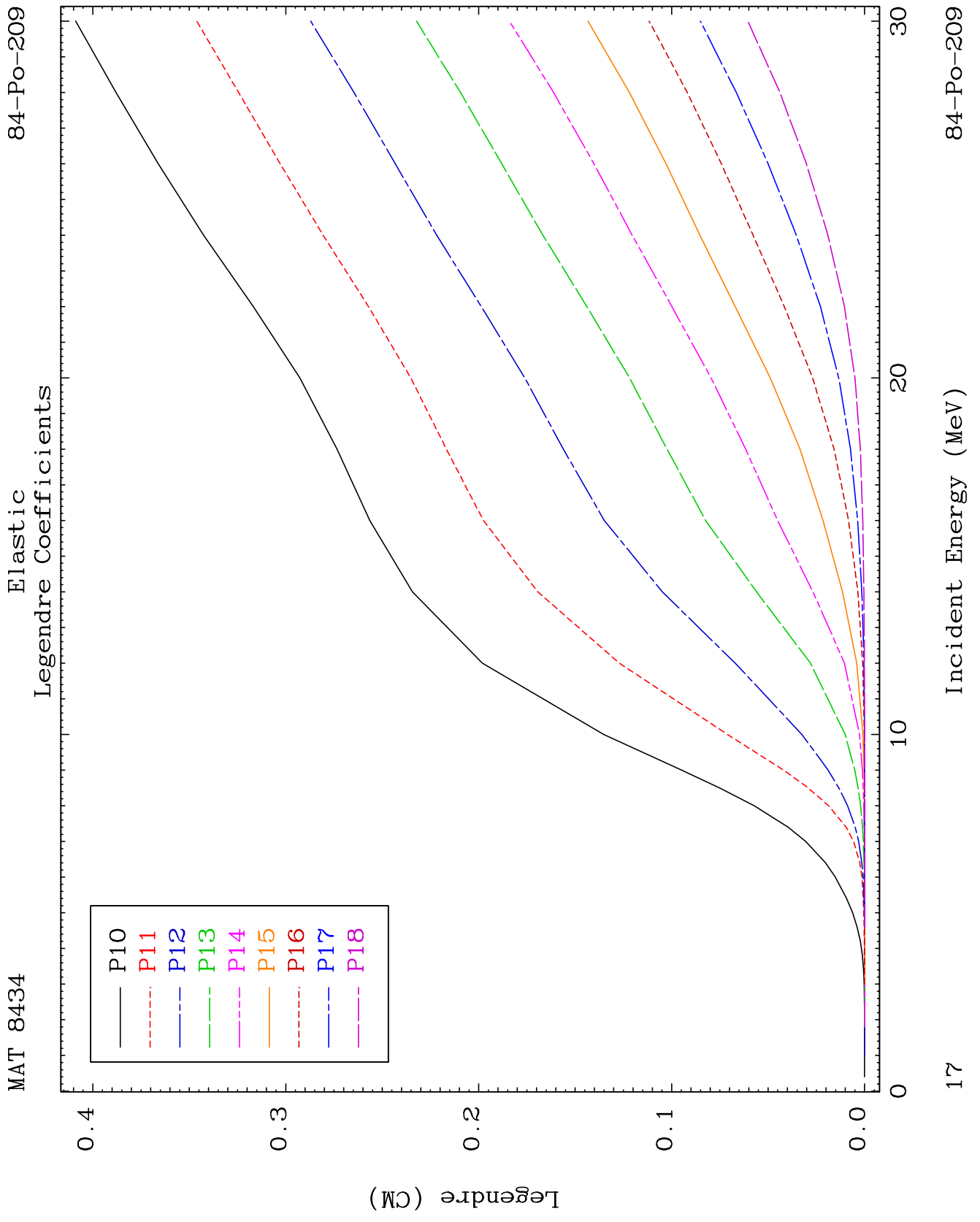
84-Po-209



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Incident Energy (MeV)

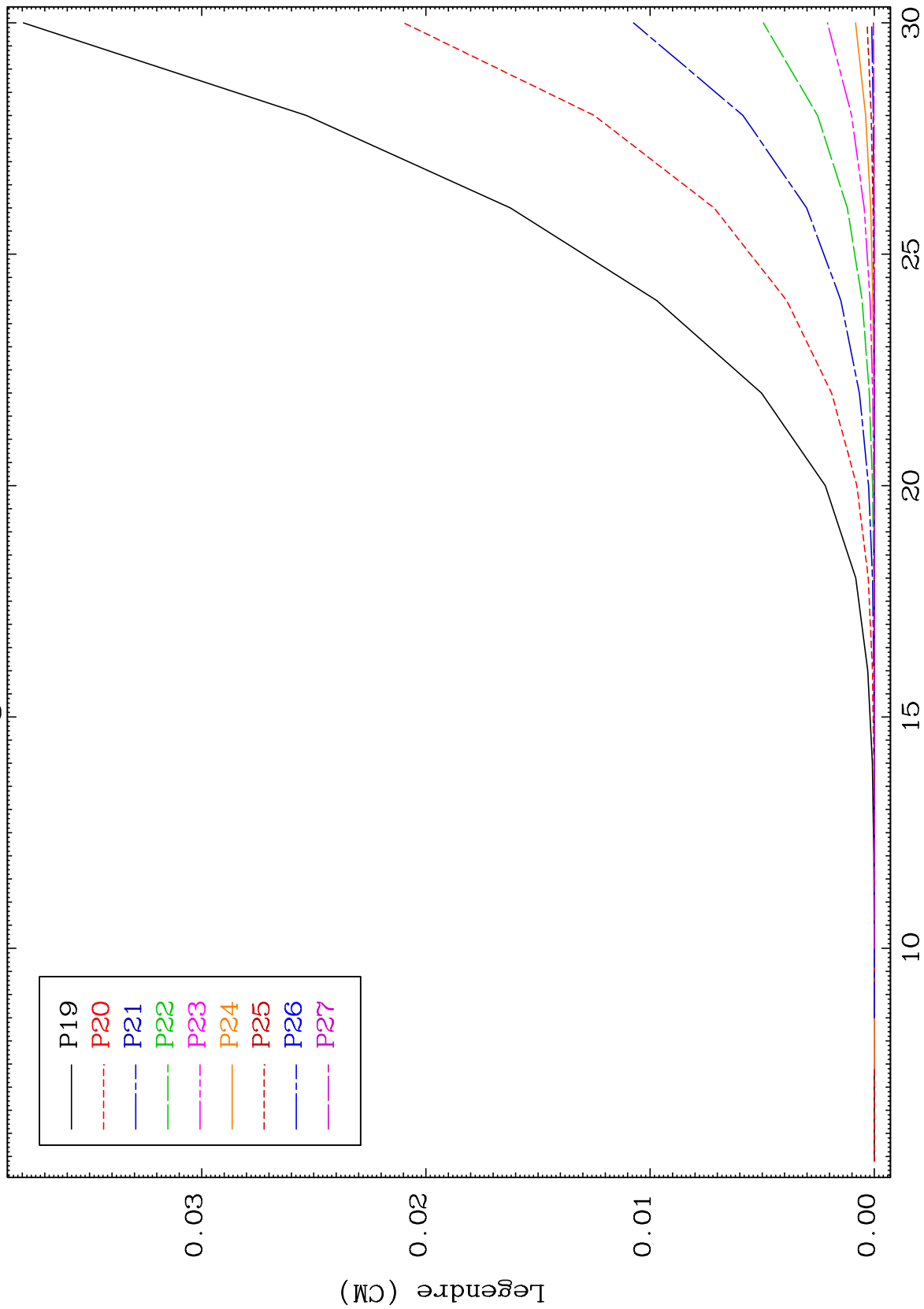
84-Po-209



MAT 8434

Elastic Legendre Coefficients

84-Po-209



18

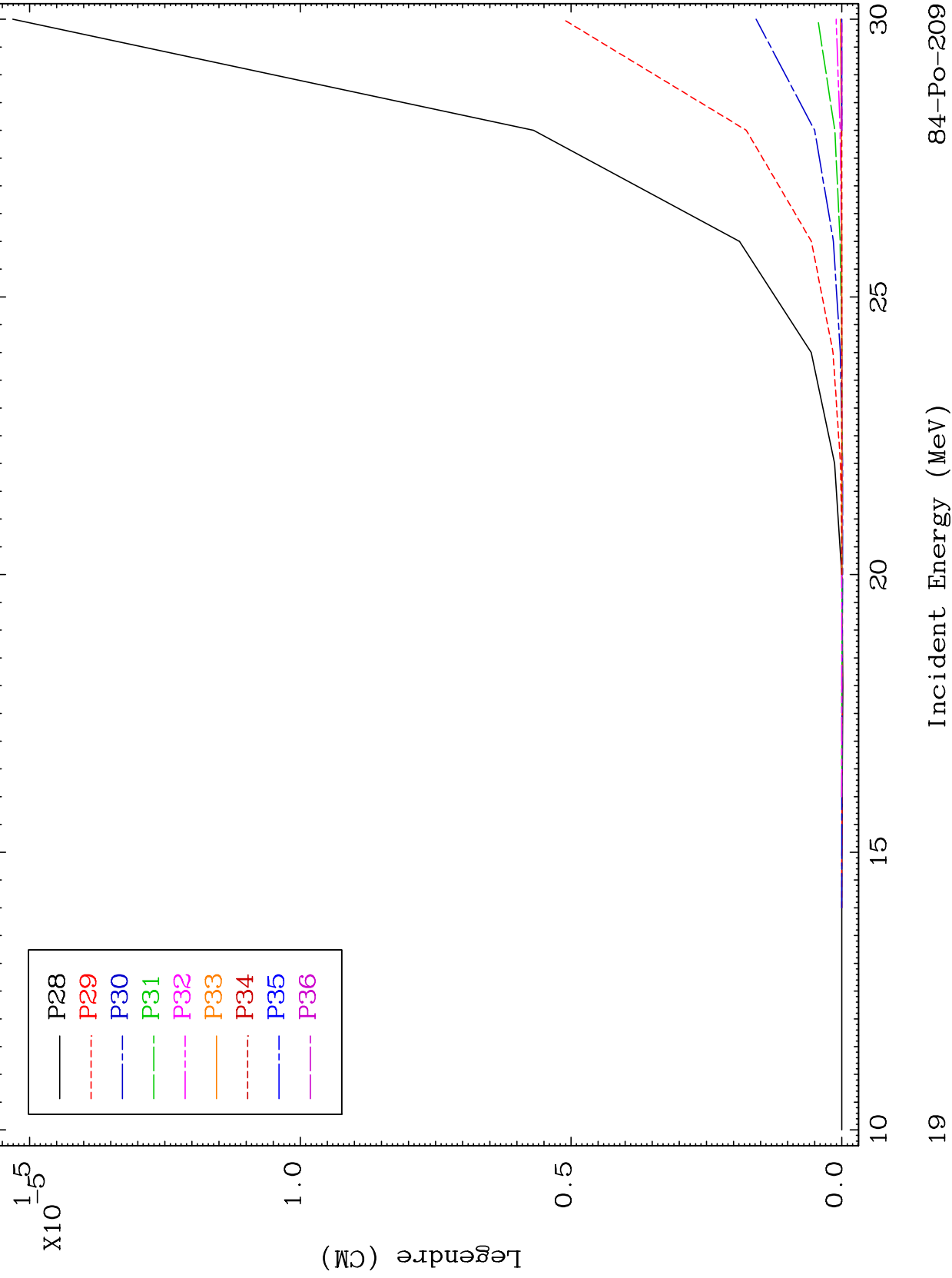
Incident Energy (MeV)

84-Po-209

MAT 8434

Elastic Legendre Coefficients

84-Po-209

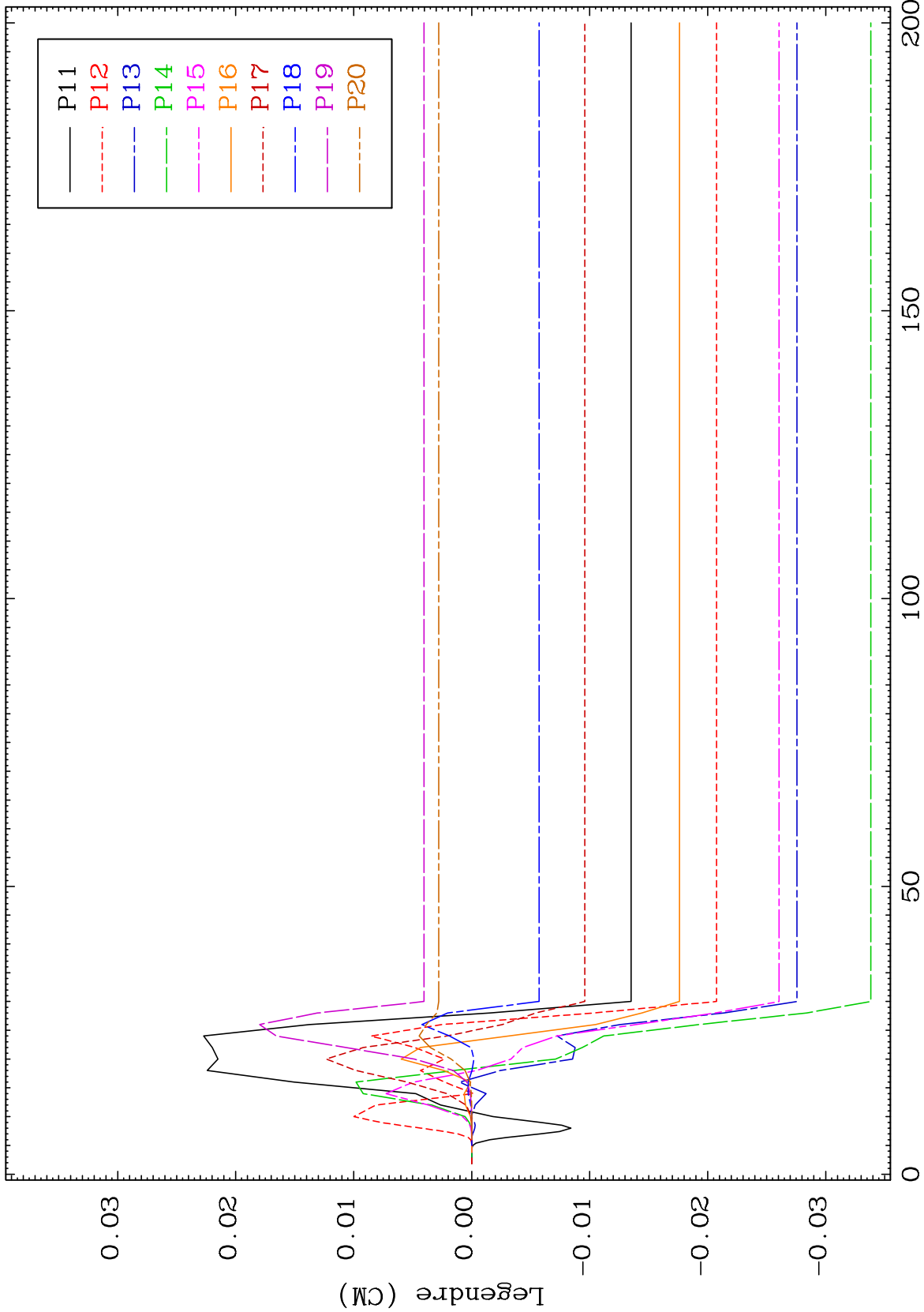




MAT 8434

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

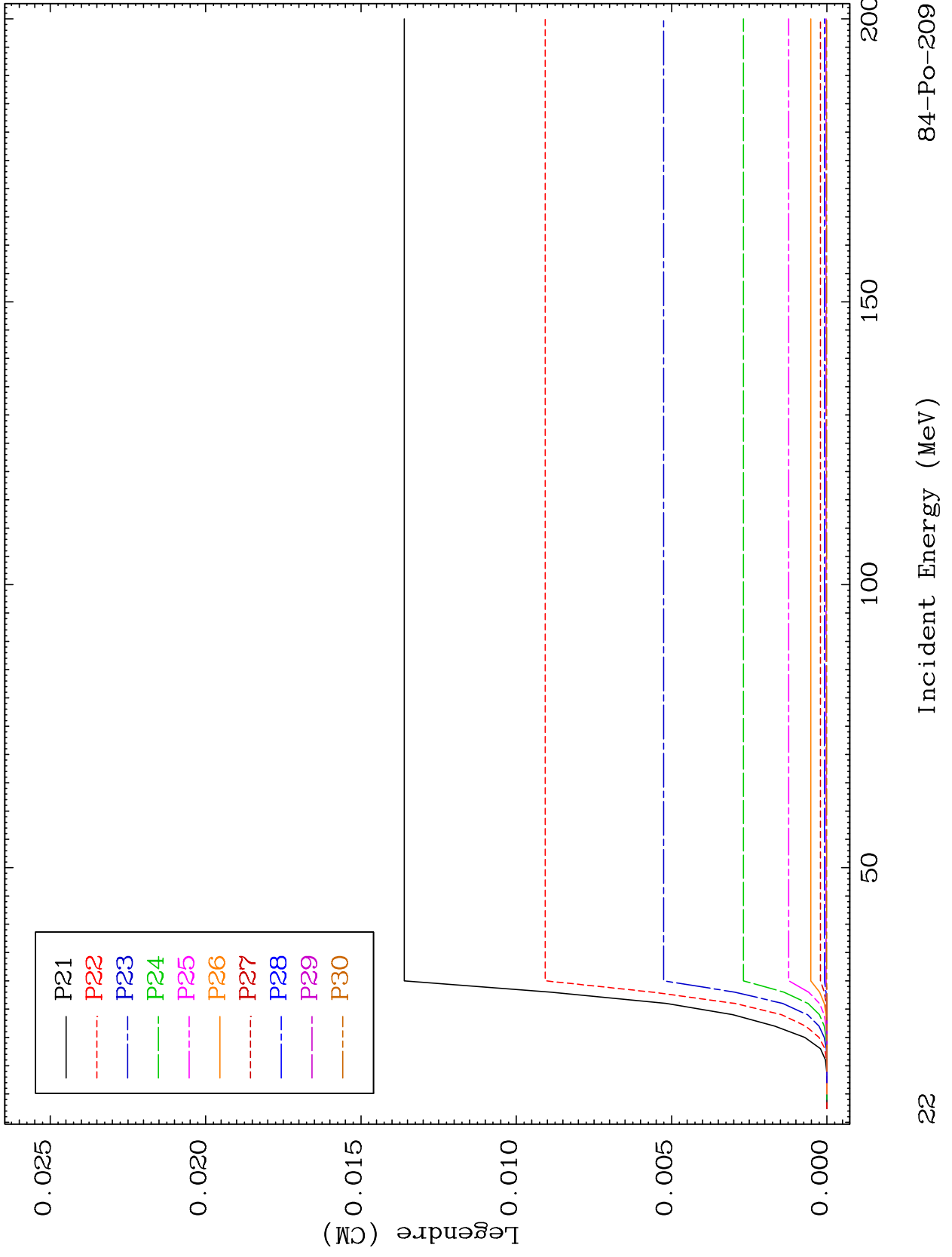
84-Po-209



21

Incident Energy (MeV)

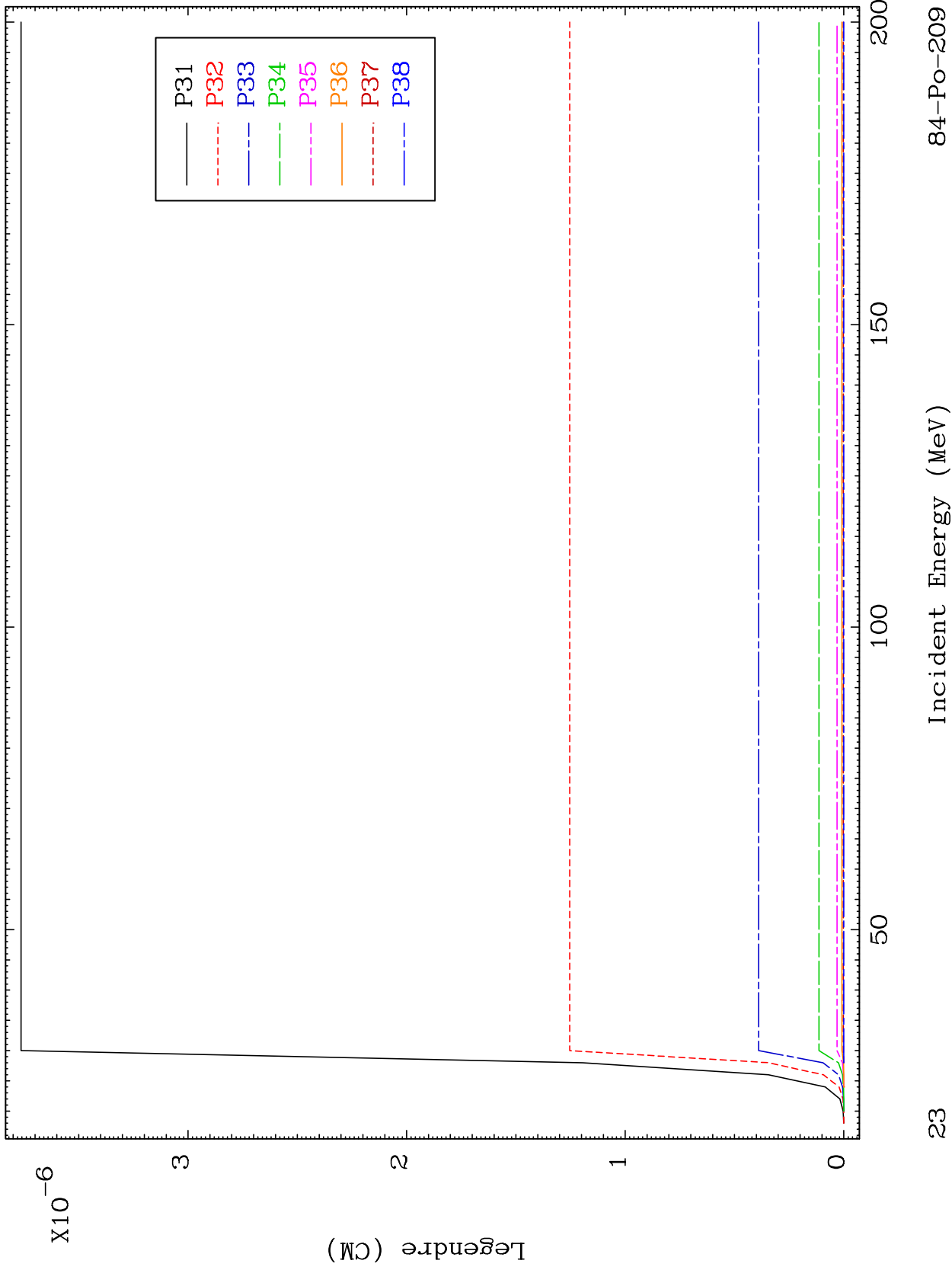
84-Po-209



MAT 8434

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

84-Po-209



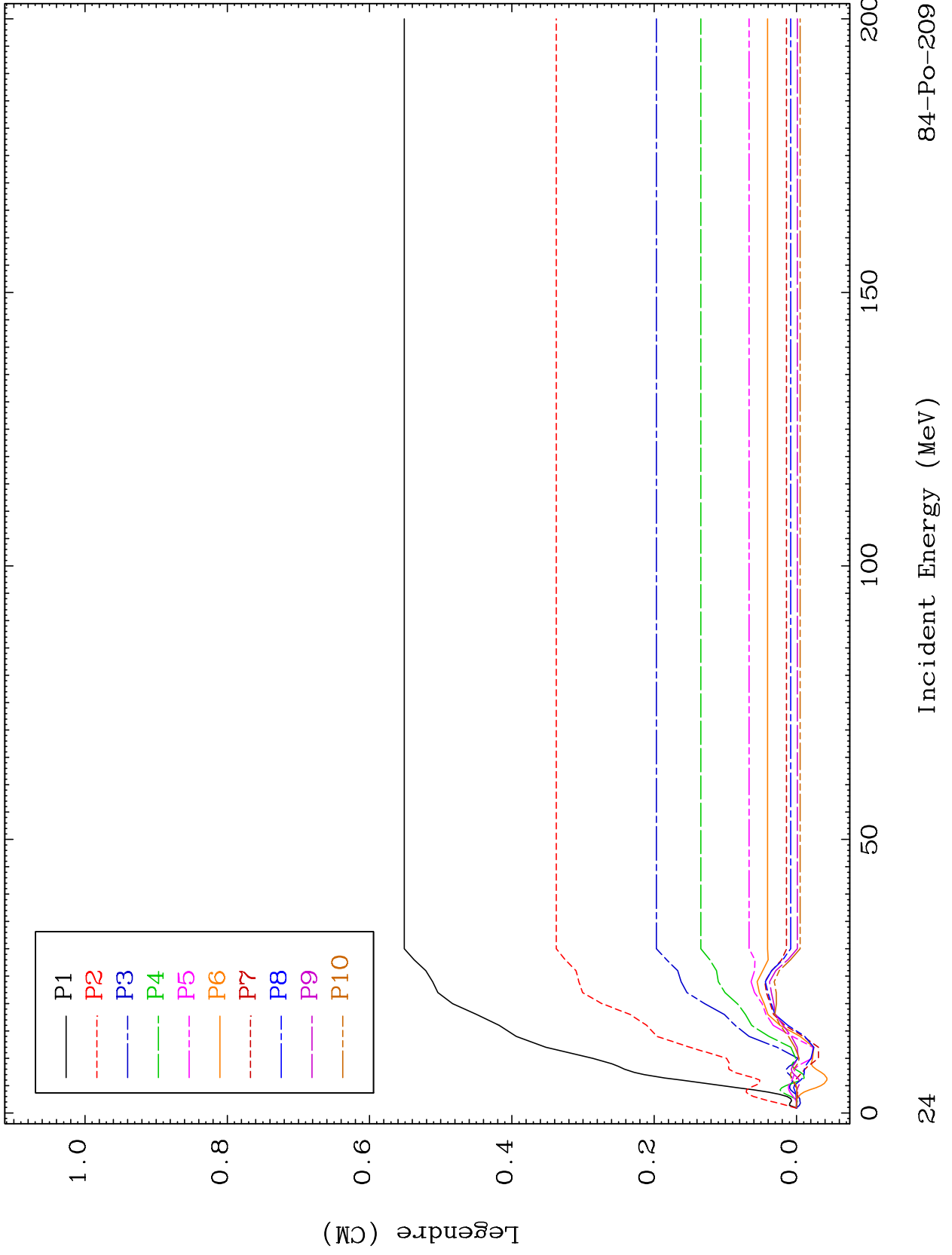
23



MAT 8434

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

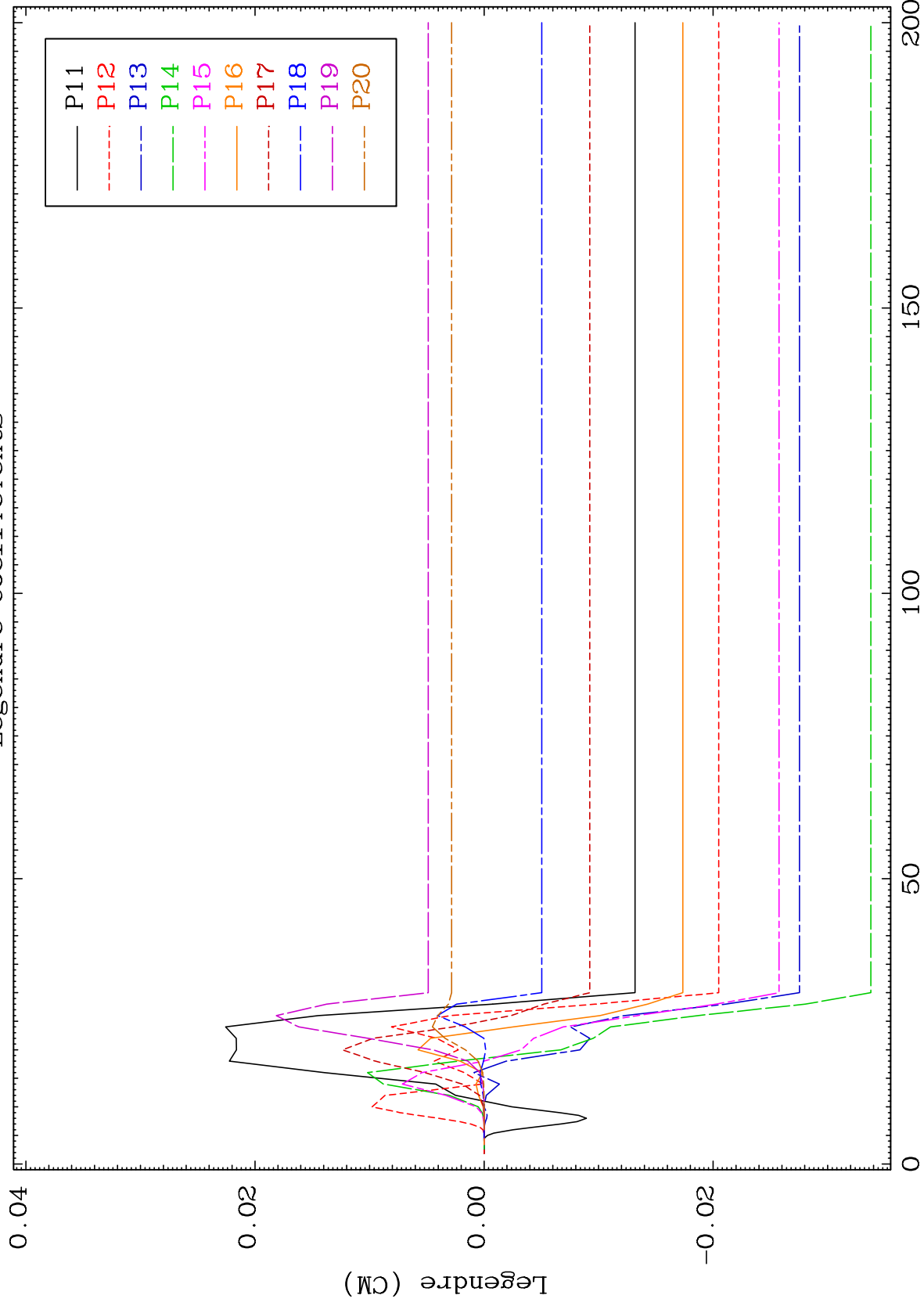
84-Po-209



MAT 8434

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

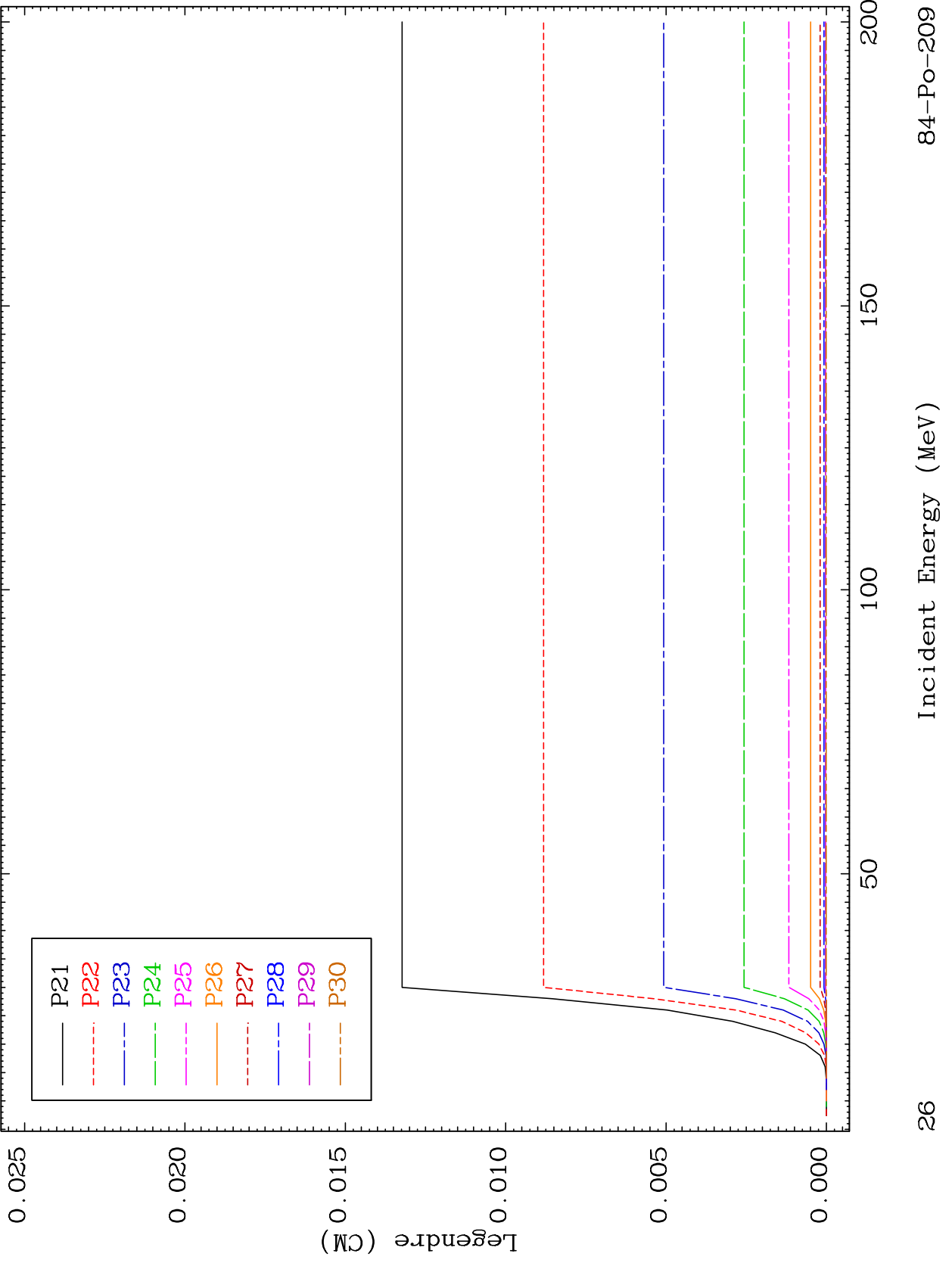
84-Po-209



84-Po-209

Incident Energy (MeV)

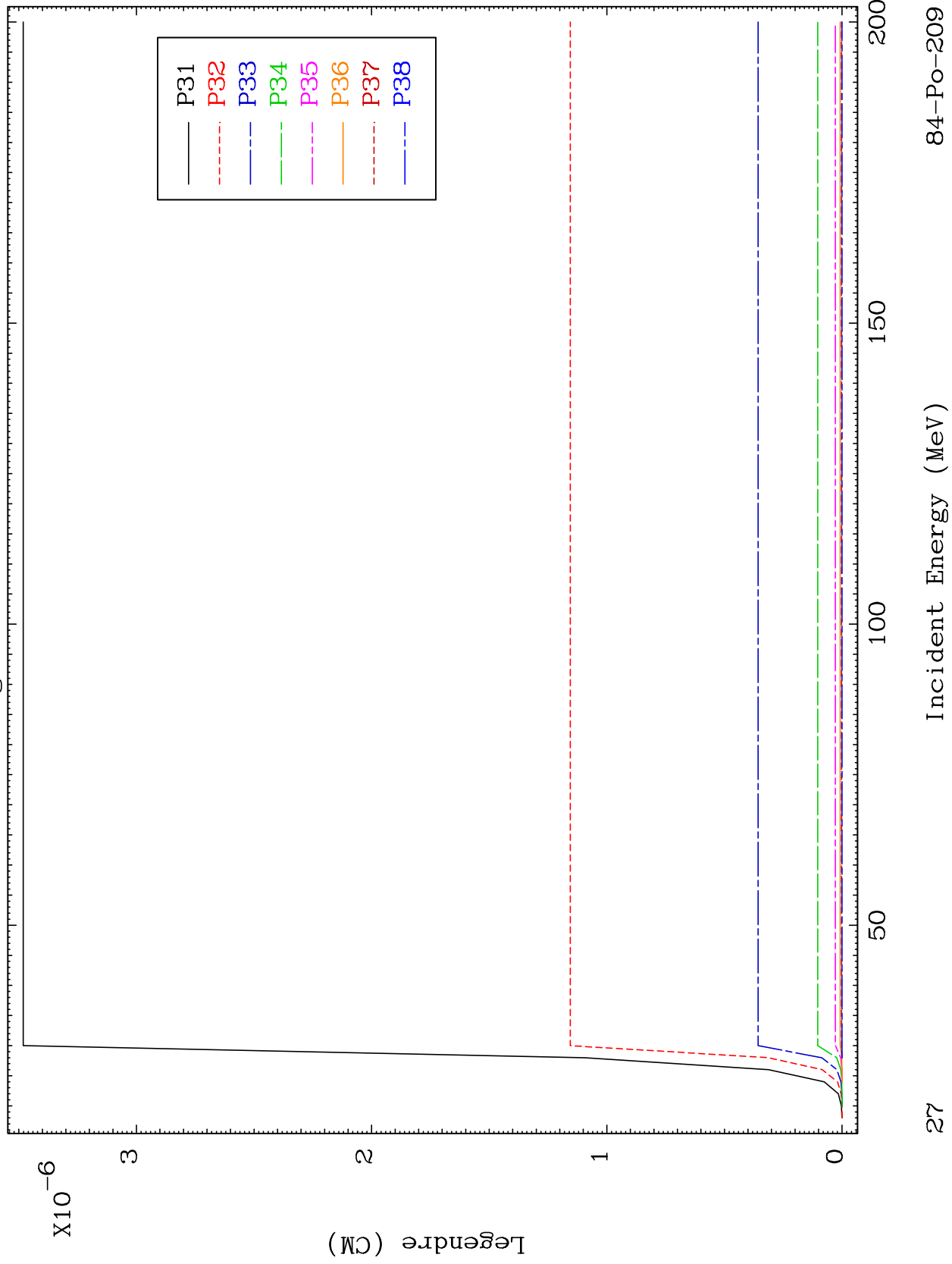
25



MAT 8434

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

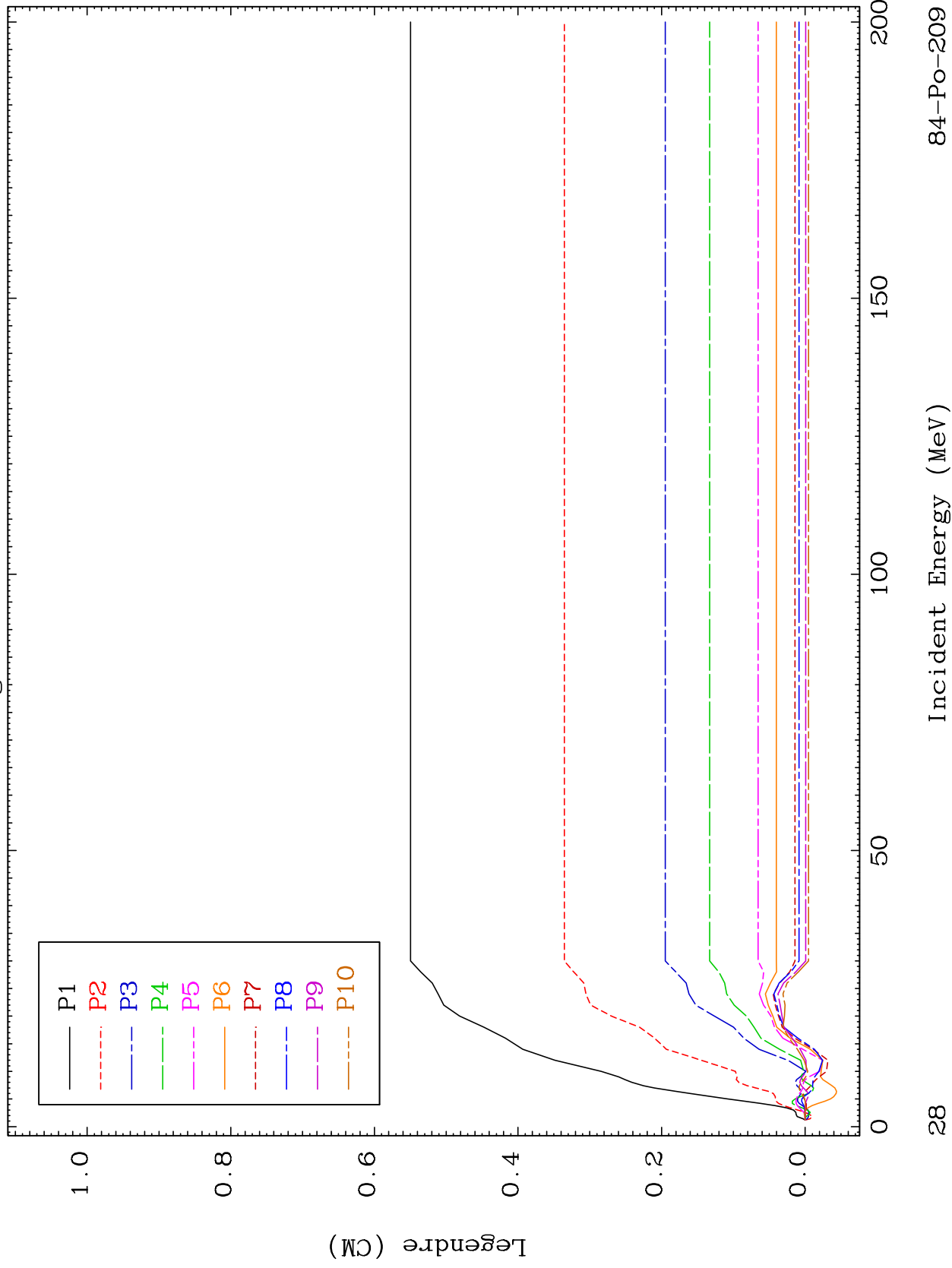
84-Po-209



MAT 8434

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

84-Po-209

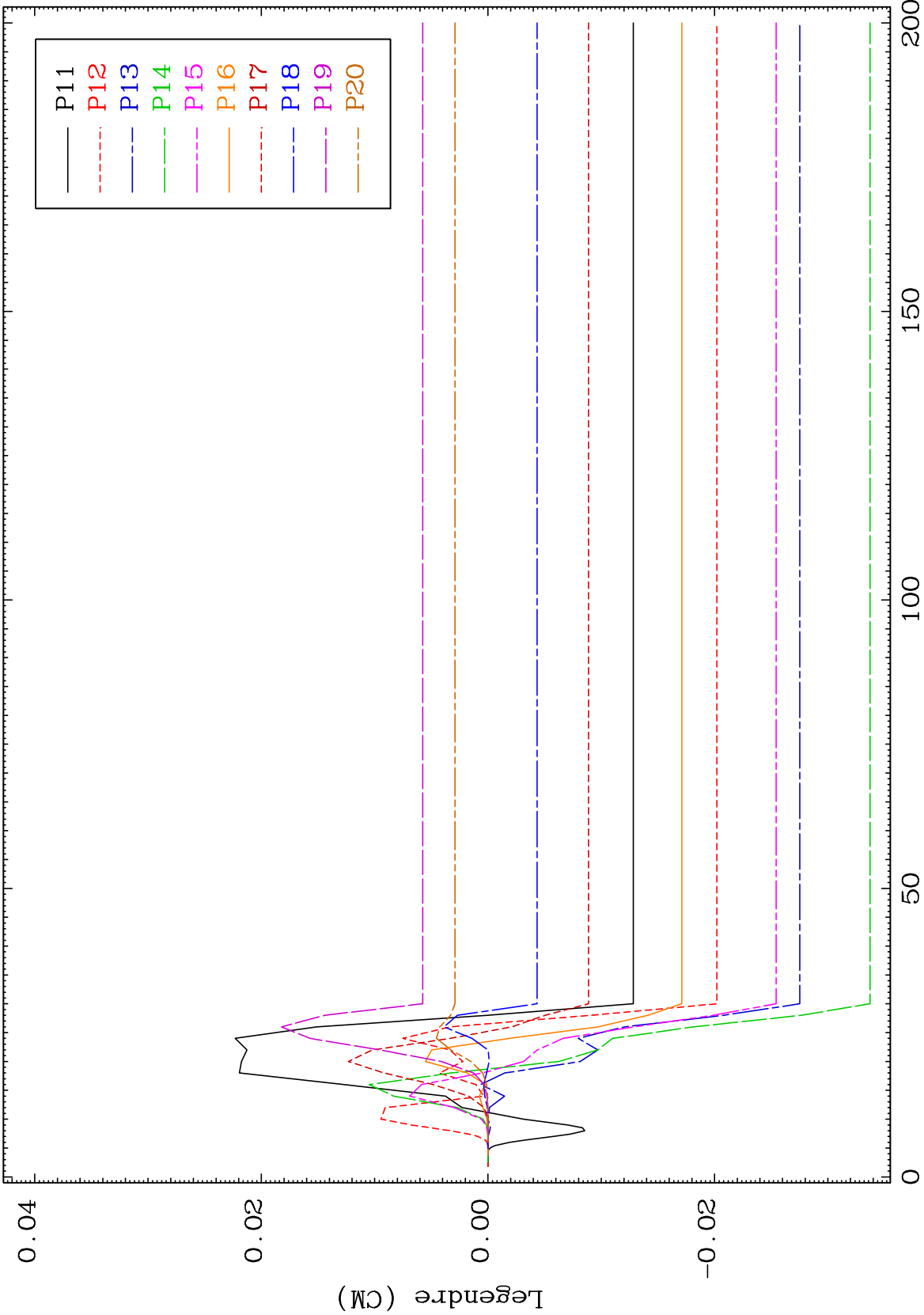


28

MAT 8434

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

84-Po-209



29

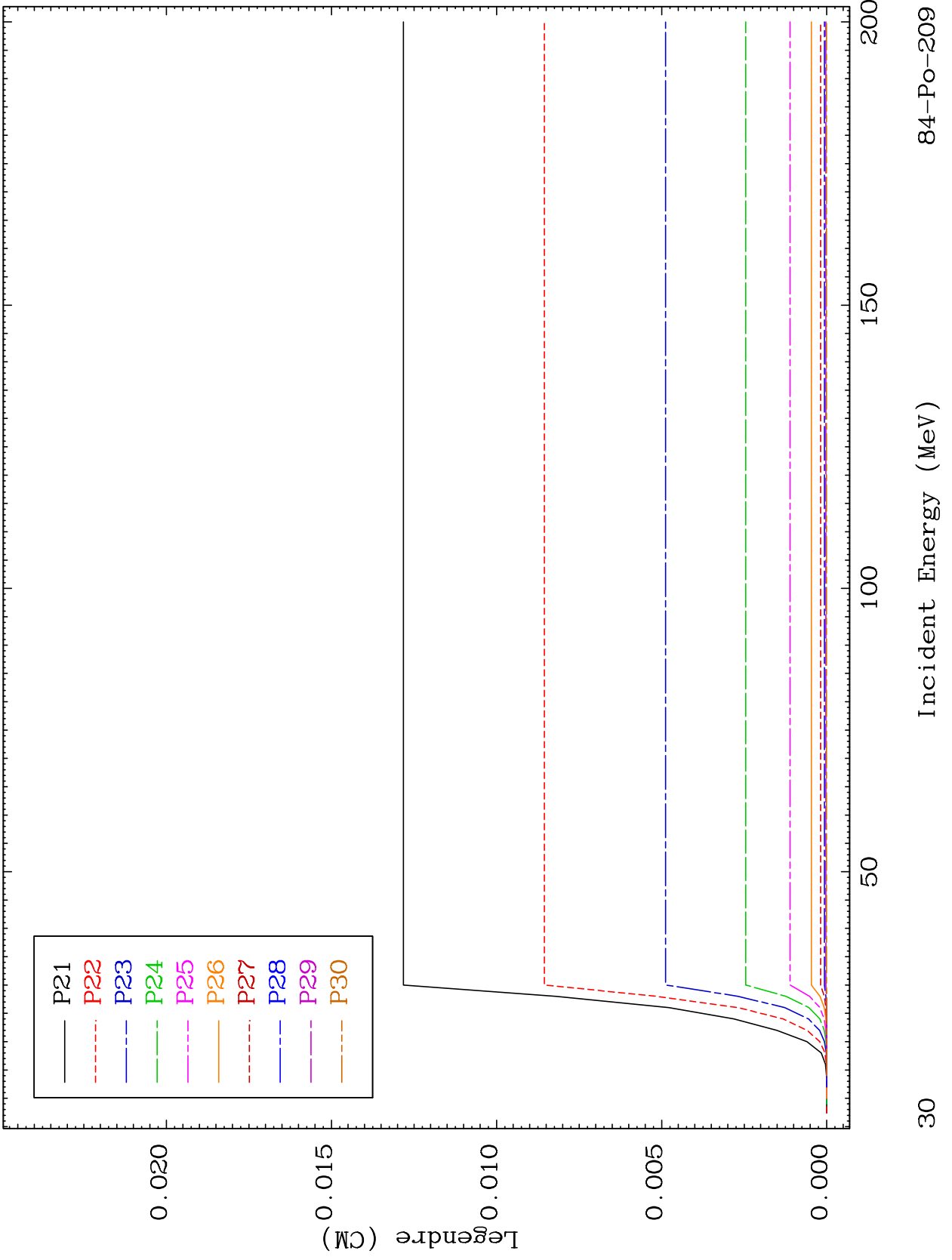
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



30

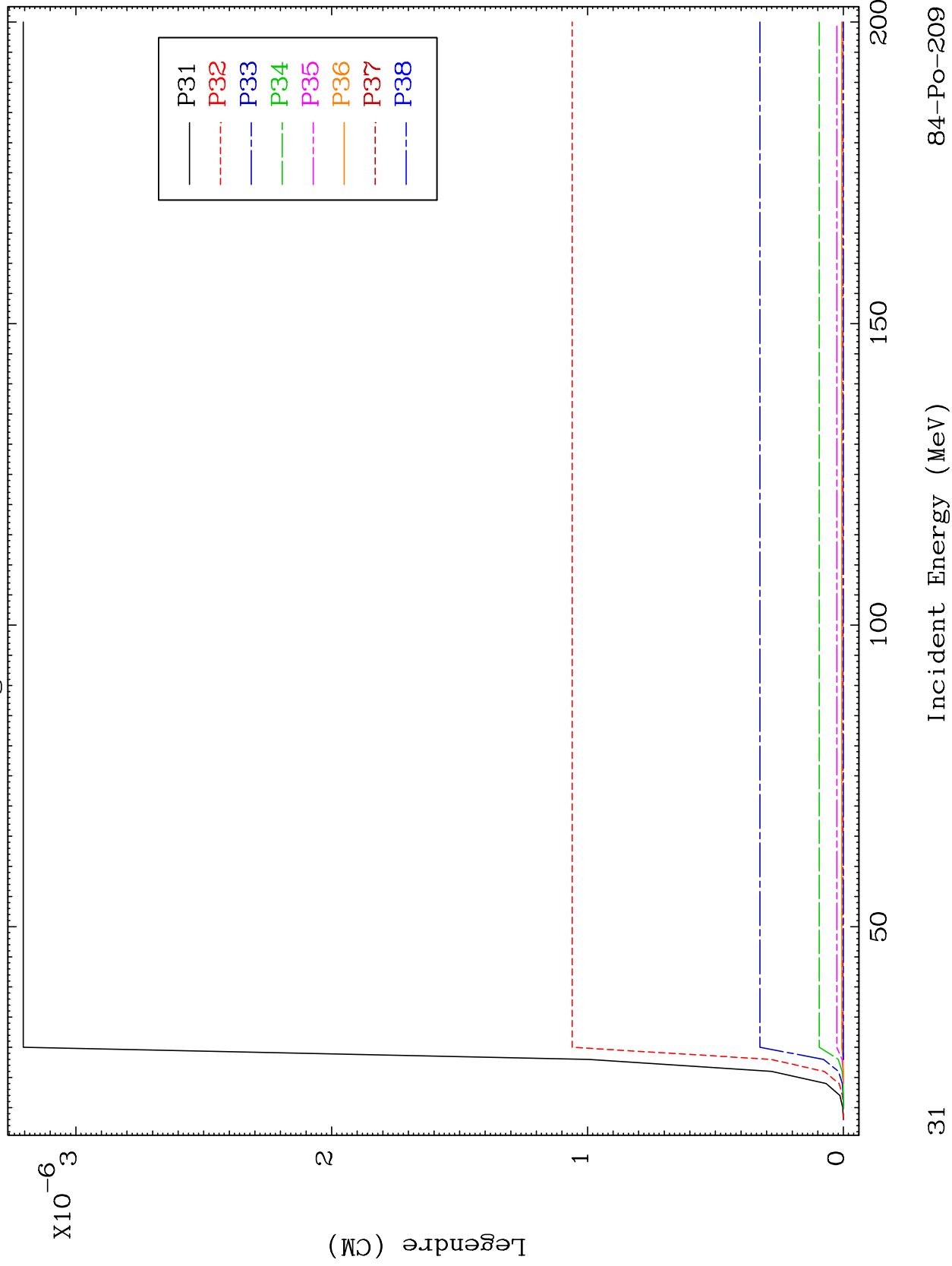
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209

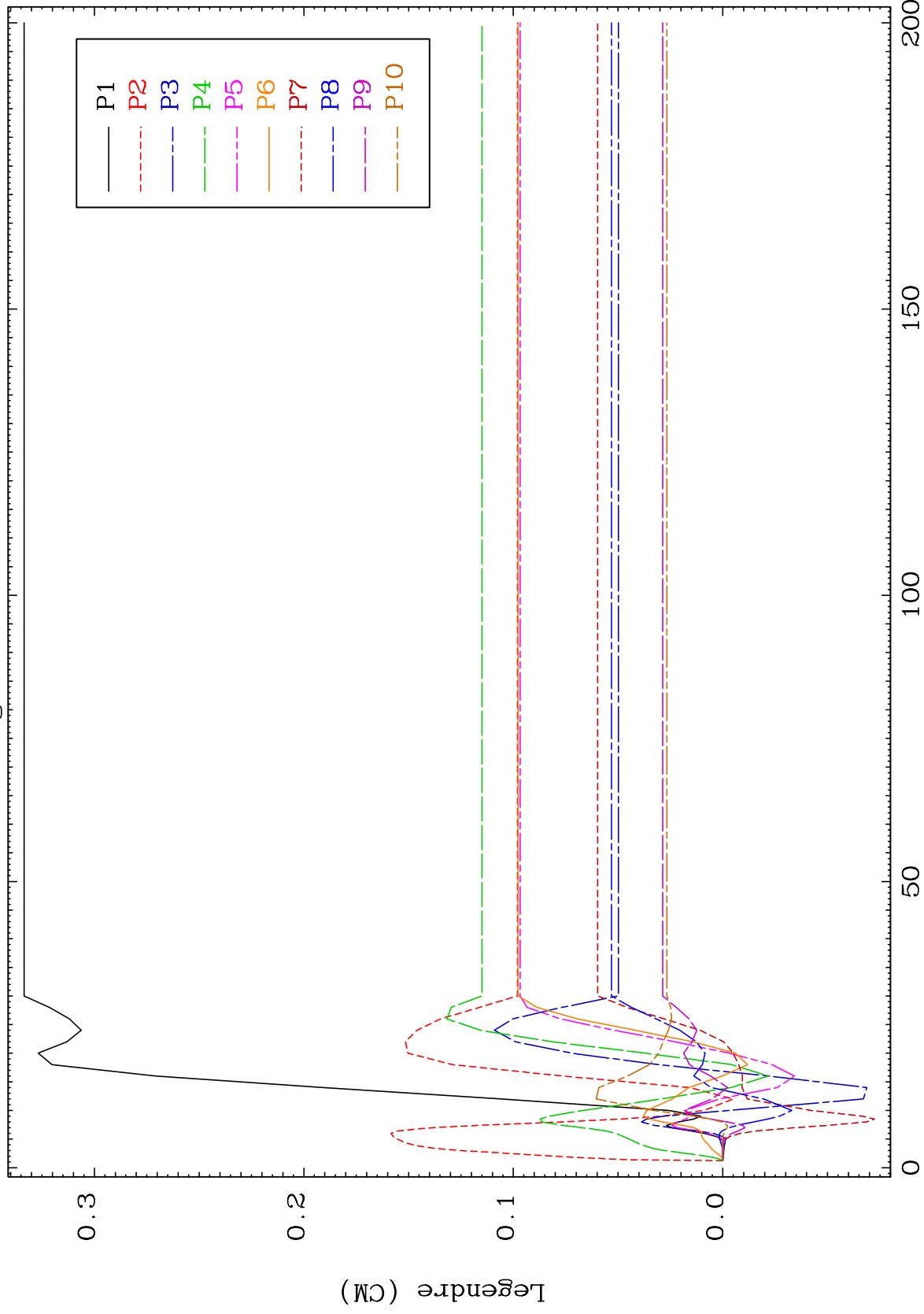




MAT 8434

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

84-Po-209



Incident Energy (MeV)

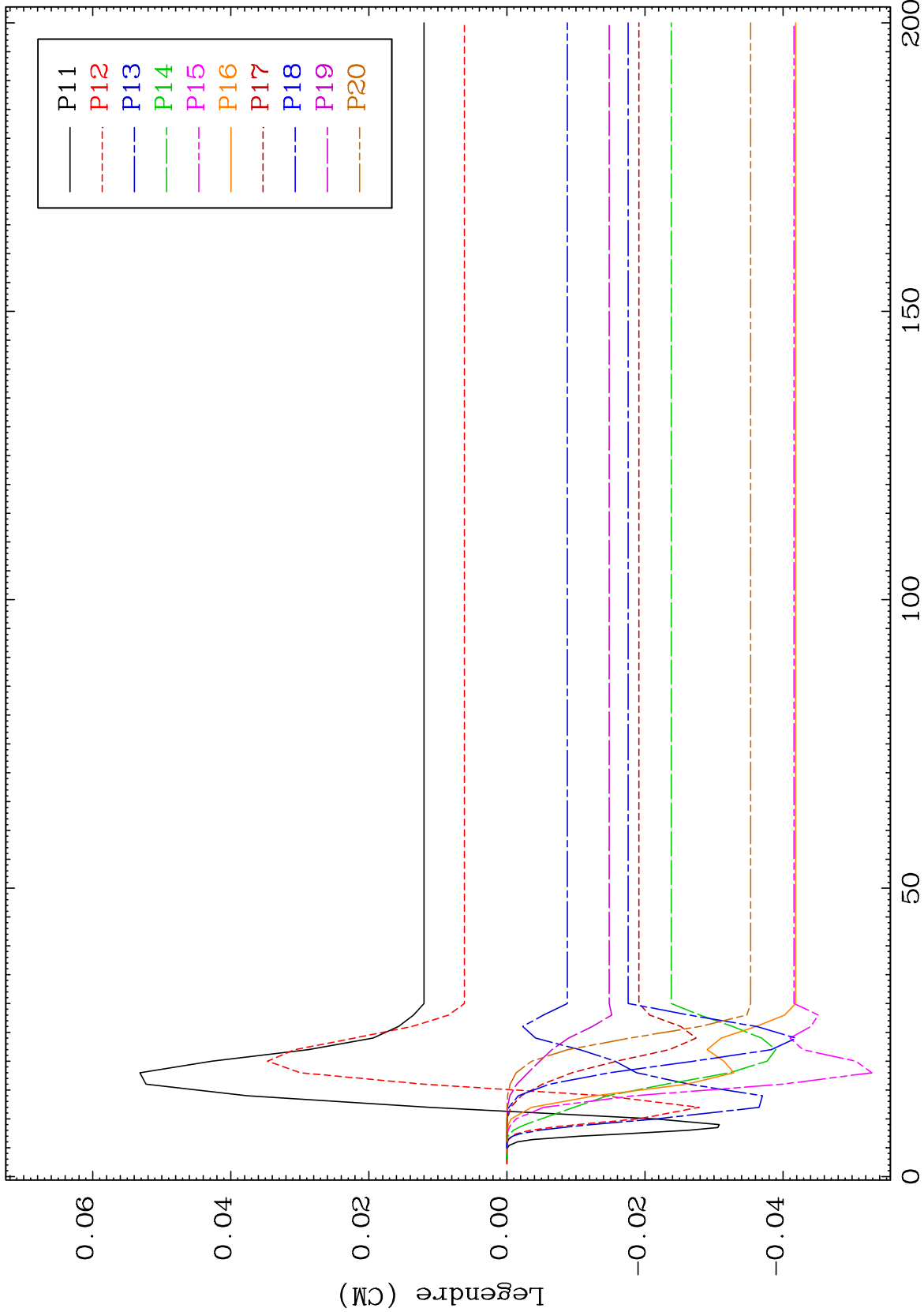
84-Po-209

32

MAT 8434

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

84-Po-209



33

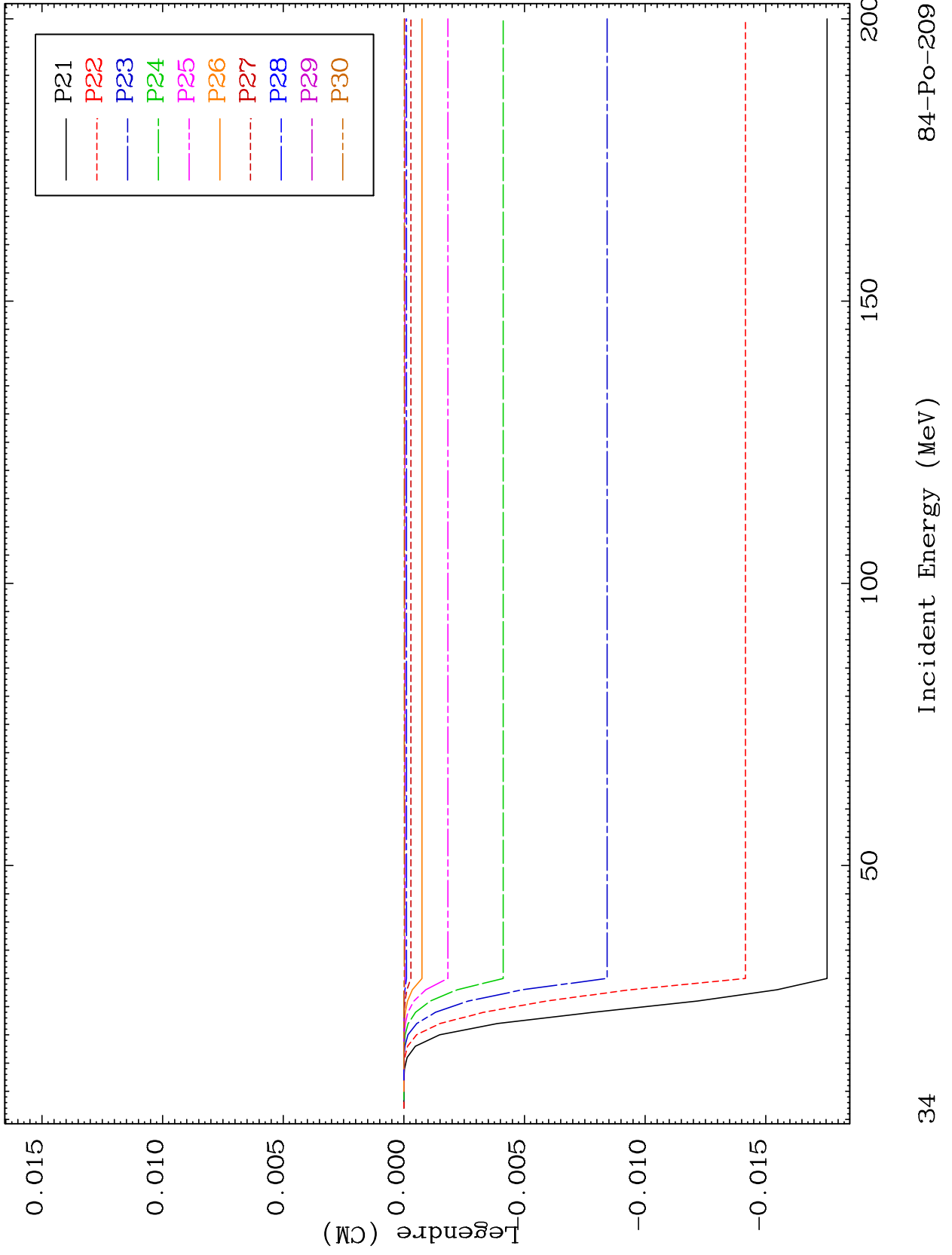
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



34

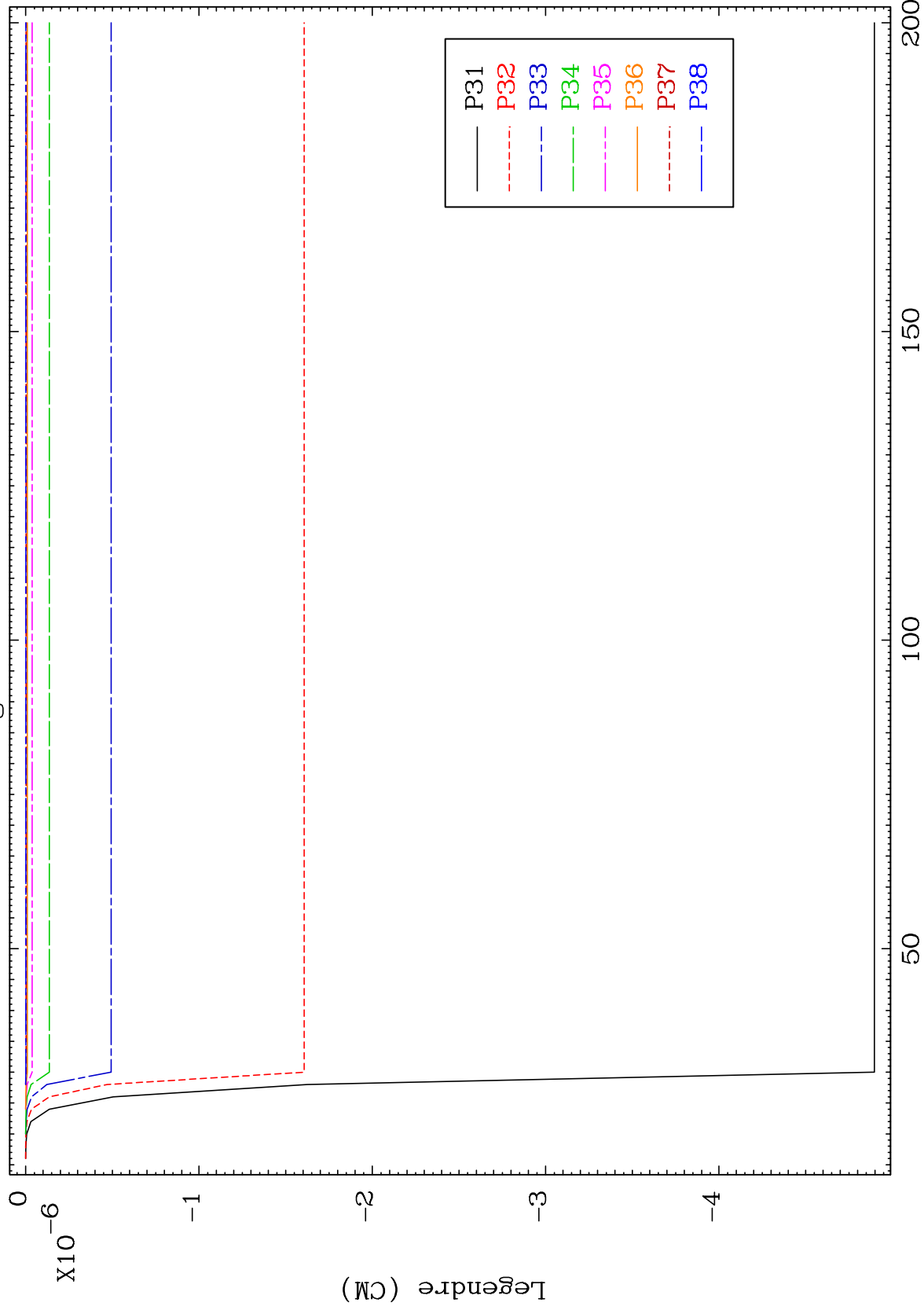
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



35

Incident Energy (MeV)

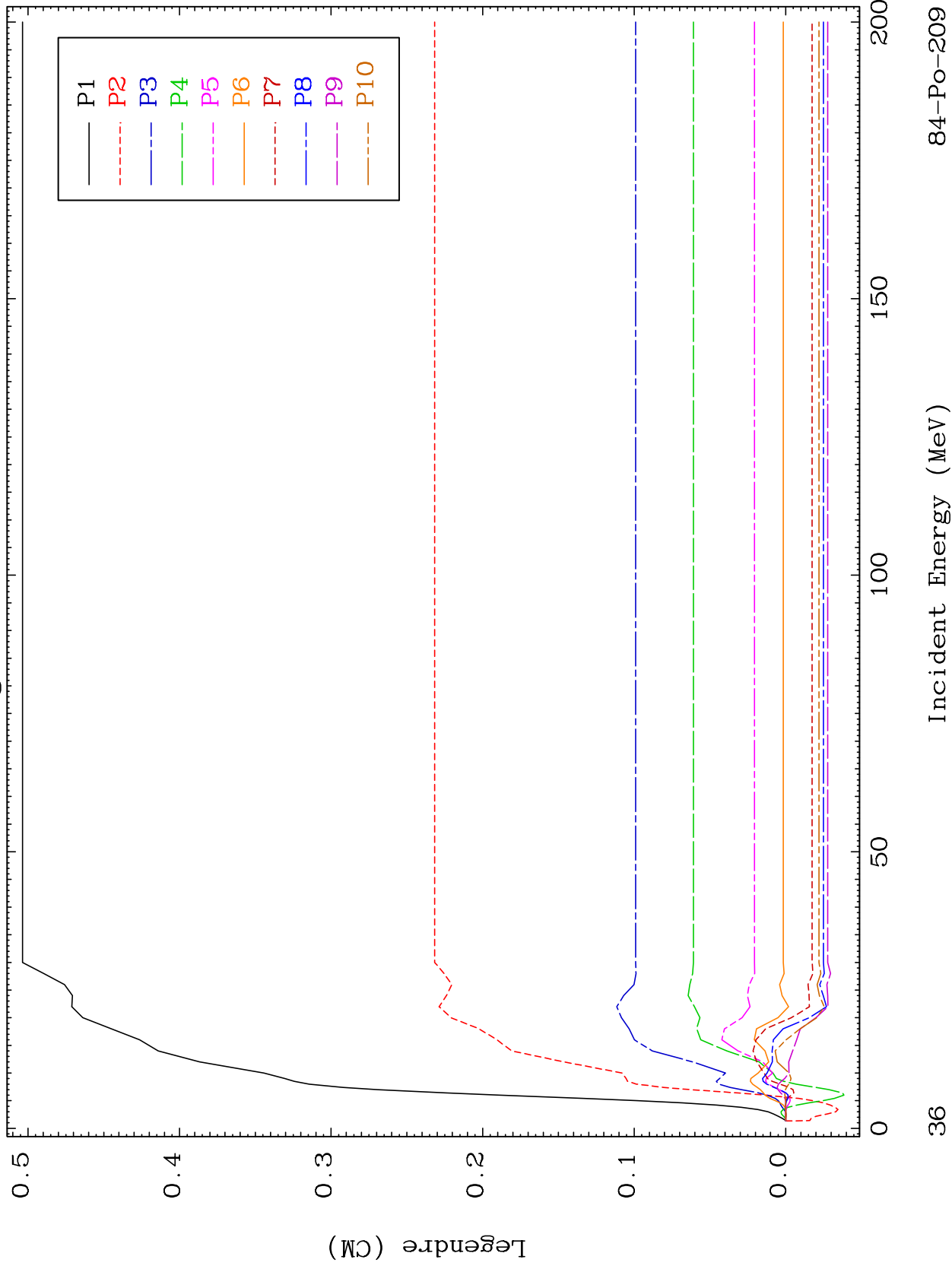
84-Po-209

MAT 8434

MT= 55 (n,n') Level

84-Po-209

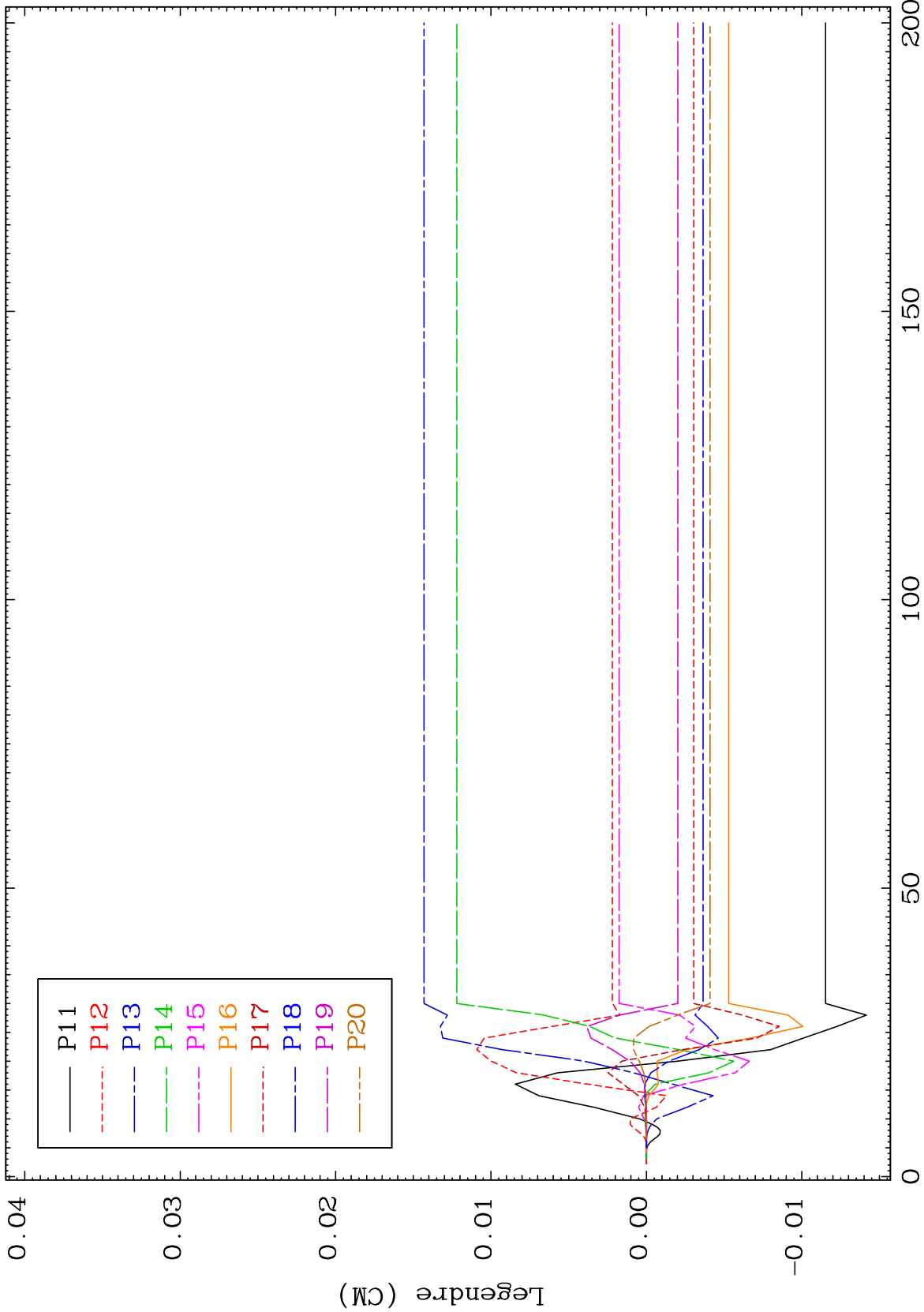
Legendre Coefficients



MAT 8434

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

84-Po-209



37

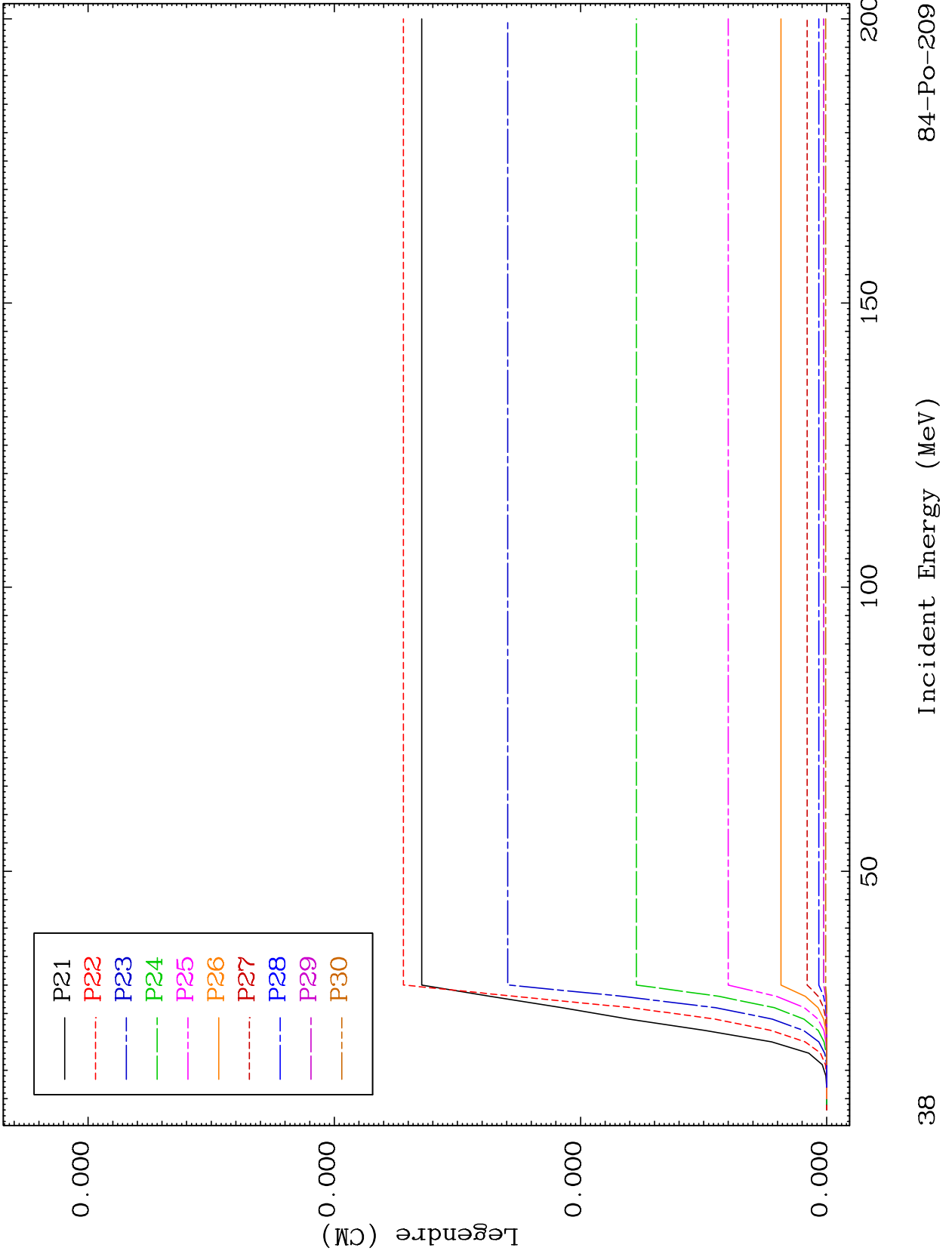
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



38

Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209

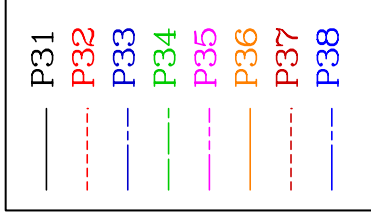
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Legendre (CM)

1.0

0.5

0.0



200

150

100

50

39

Incident Energy (MeV)

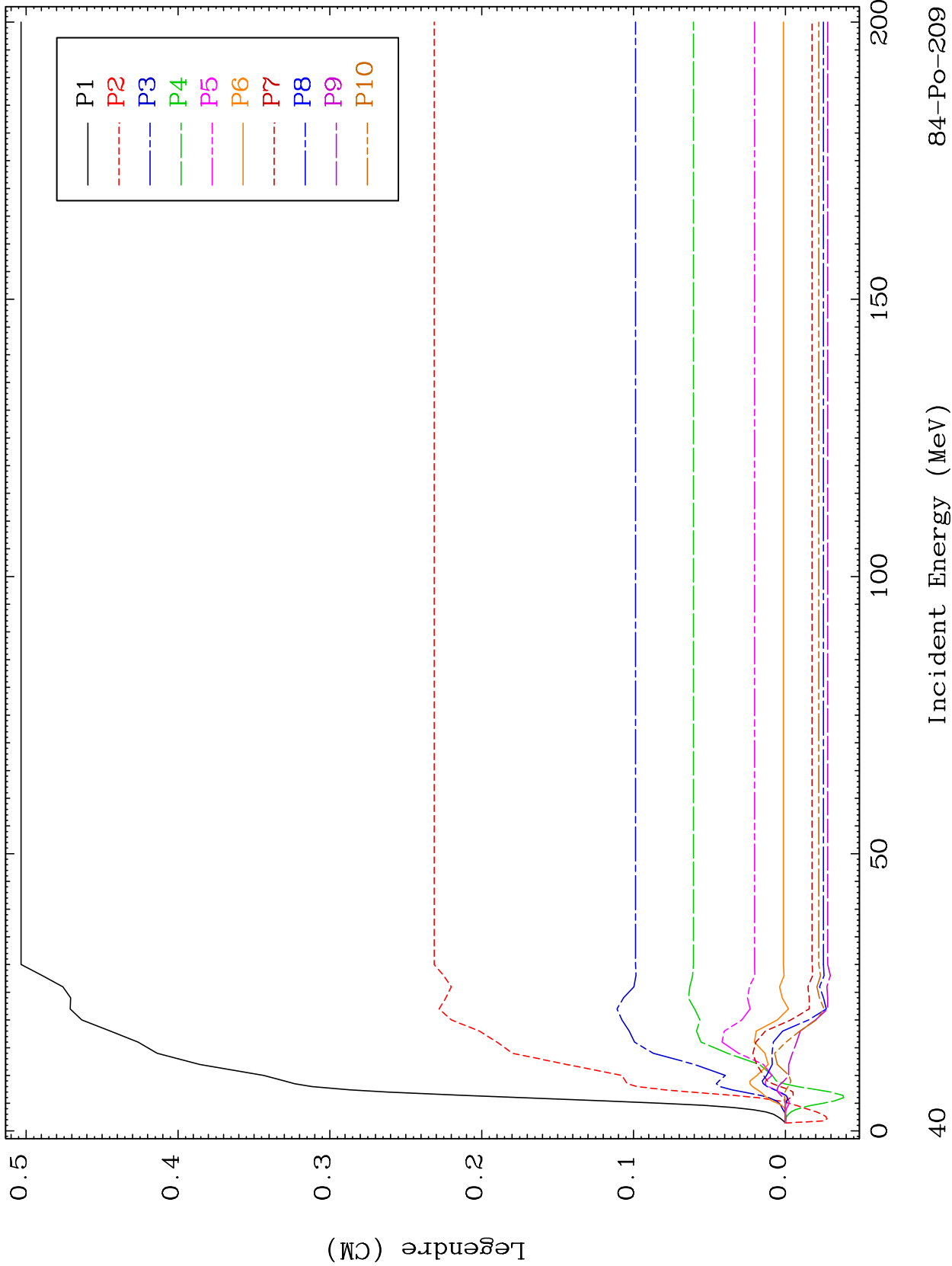
84-Po-209



MAT 8434

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

84-Po-209



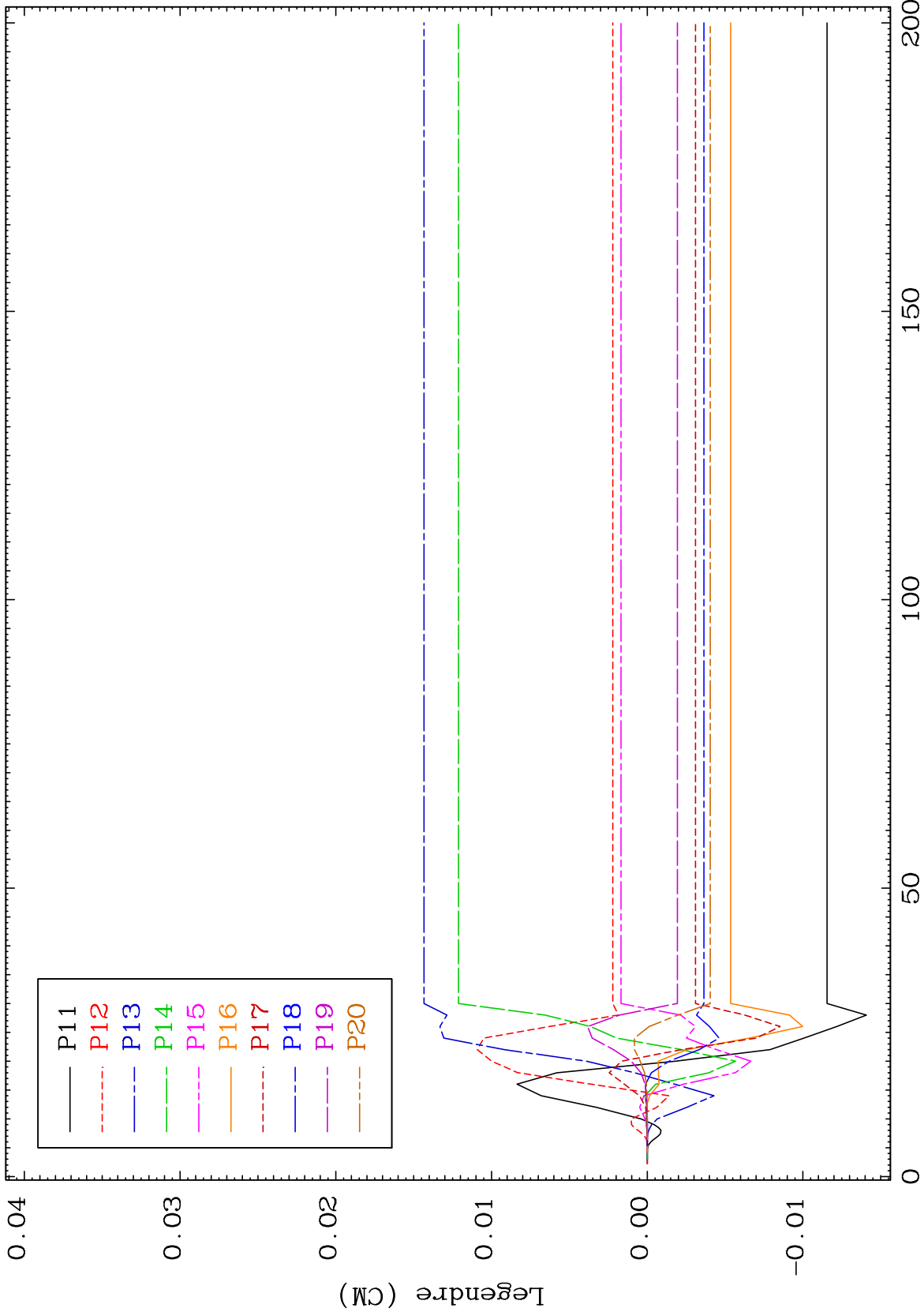
84-Po-209

Incident Energy (MeV)

MAT 8434

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

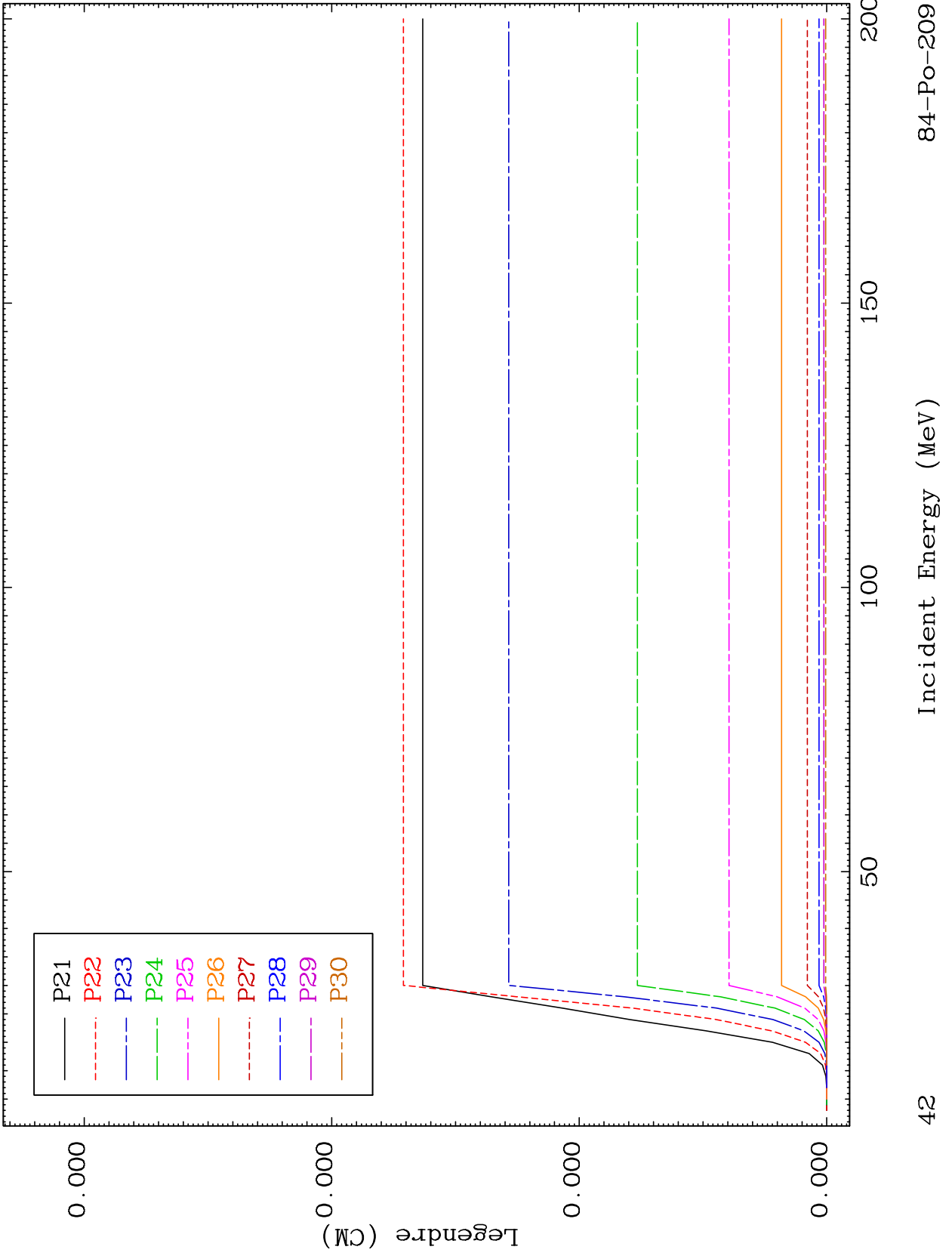
84-Po-209



MAT 8434

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

84-Po-209

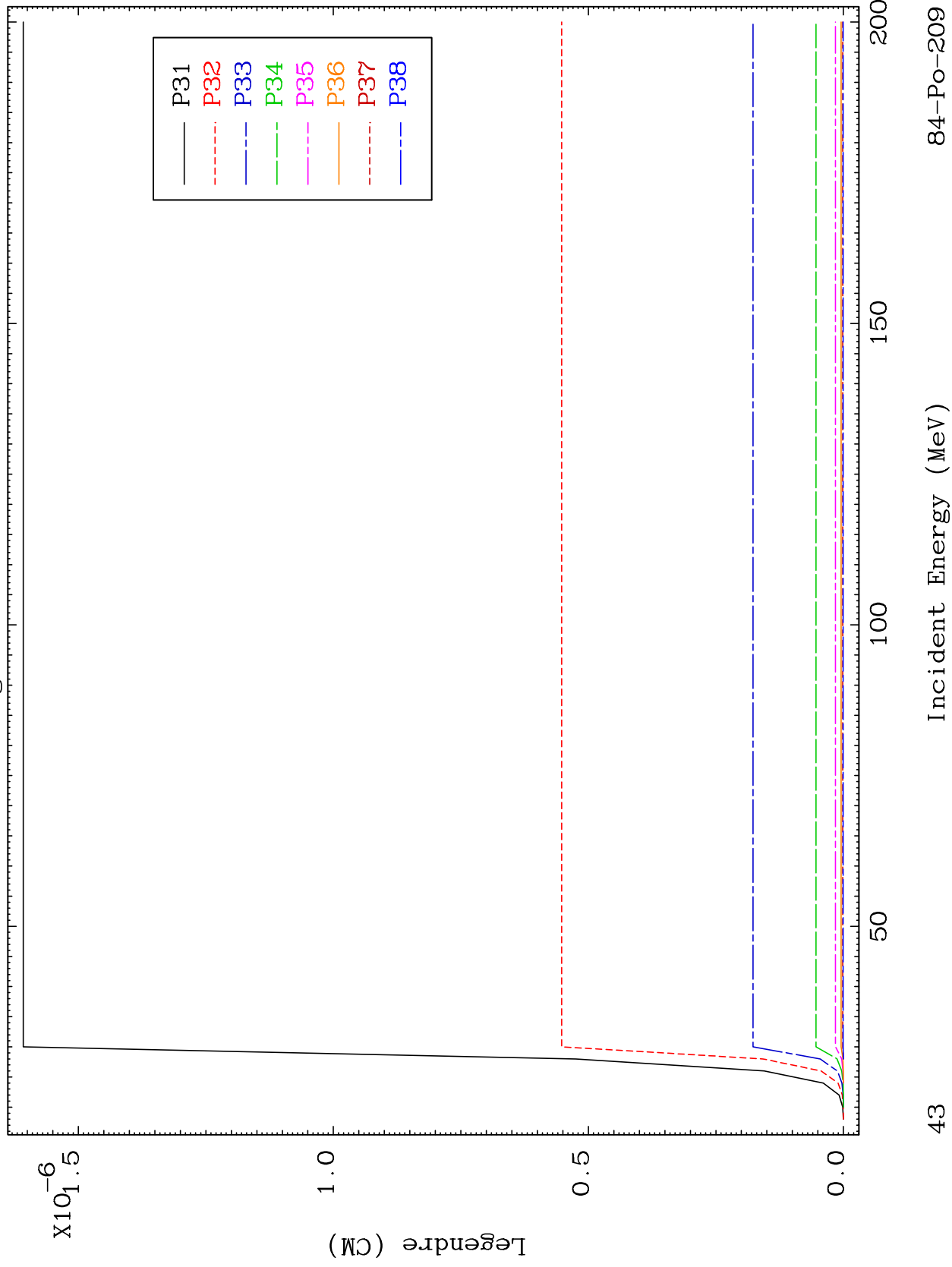


42

MAT 8434

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

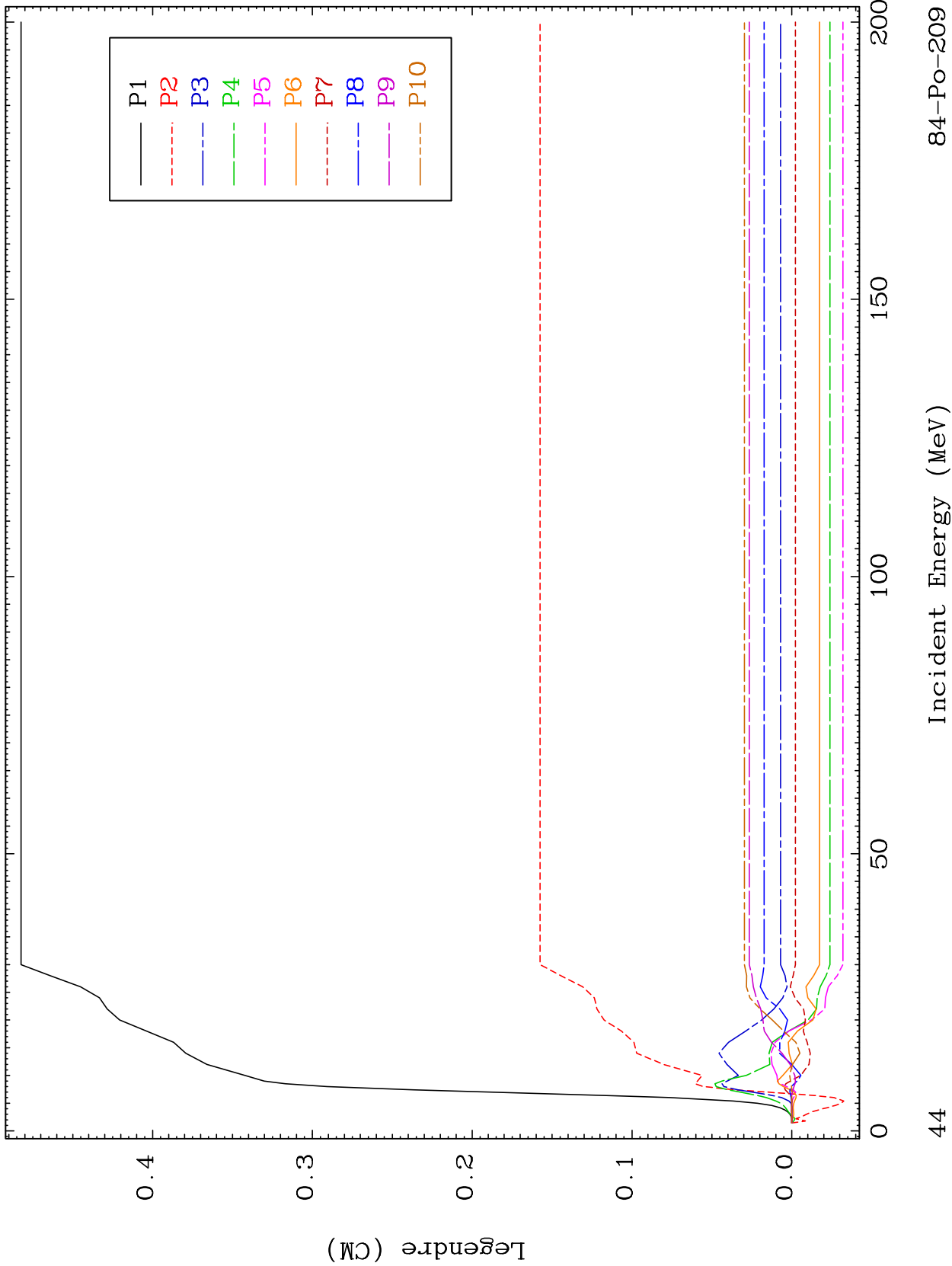
84-Po-209



MAT 8434

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

84-Po-209



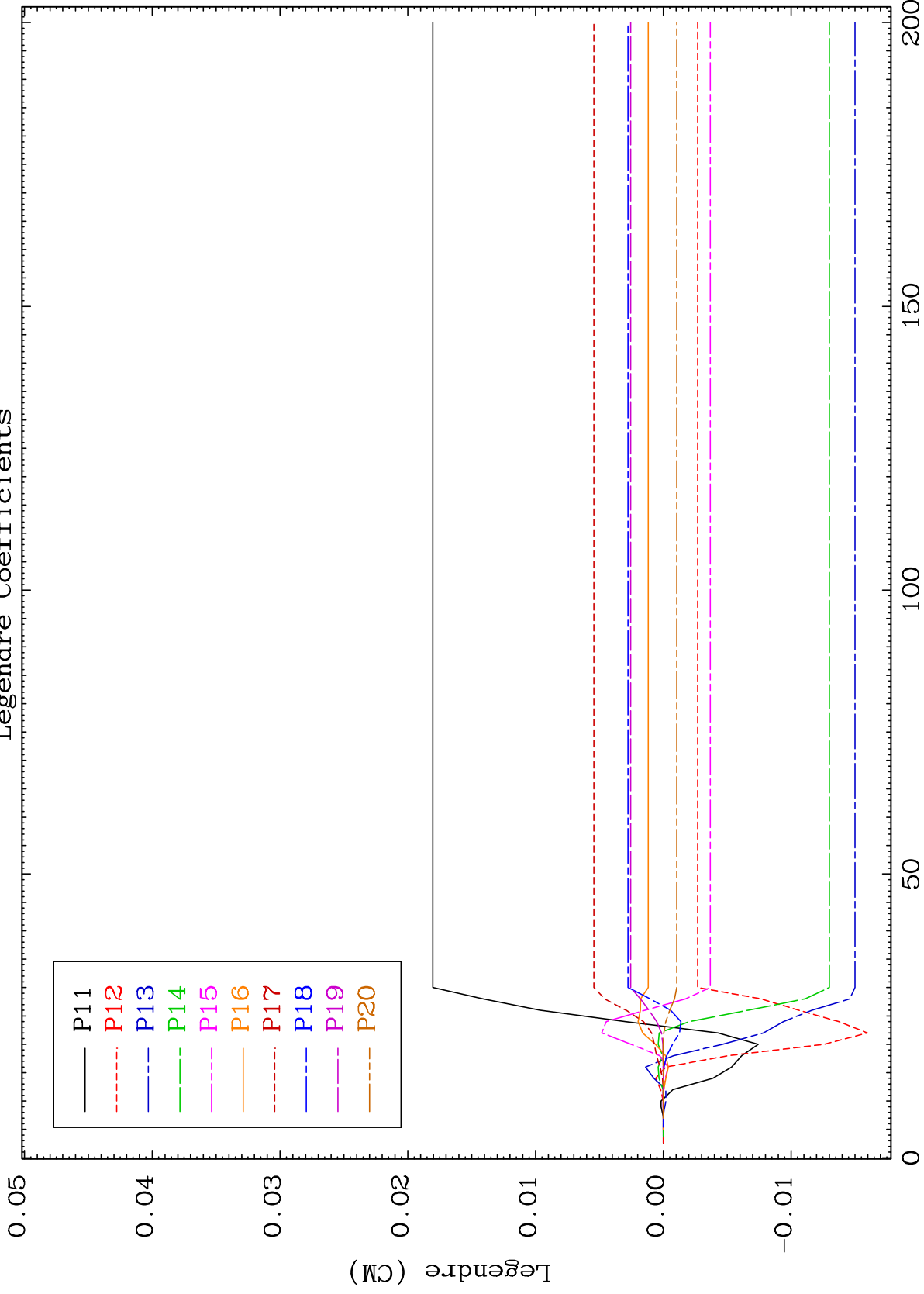
44

84-Po-209

MAT 8434

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

84-Po-209



84-Po-209

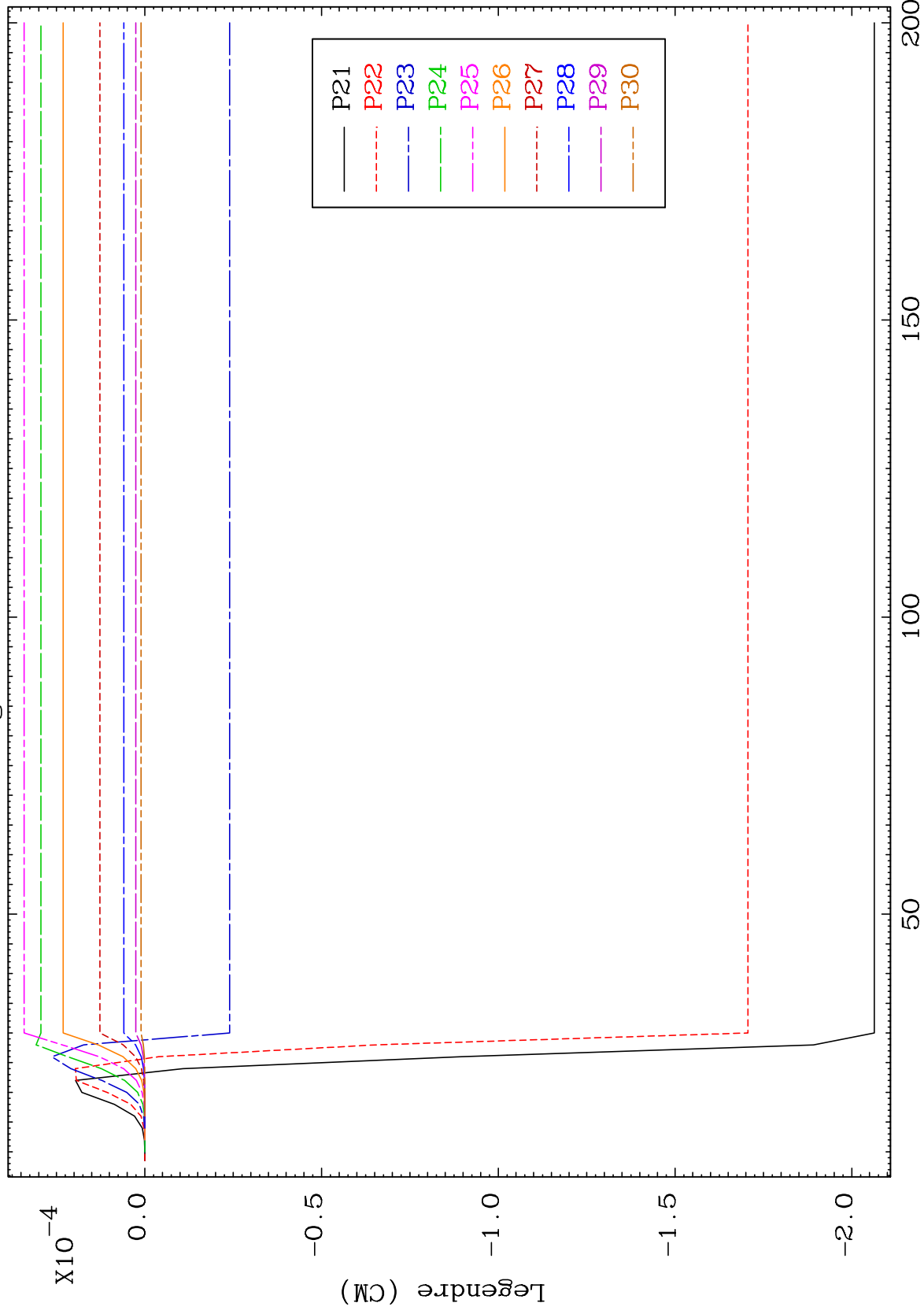
Incident Energy (MeV)

45

MAT 8434

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

84-Po-209



46

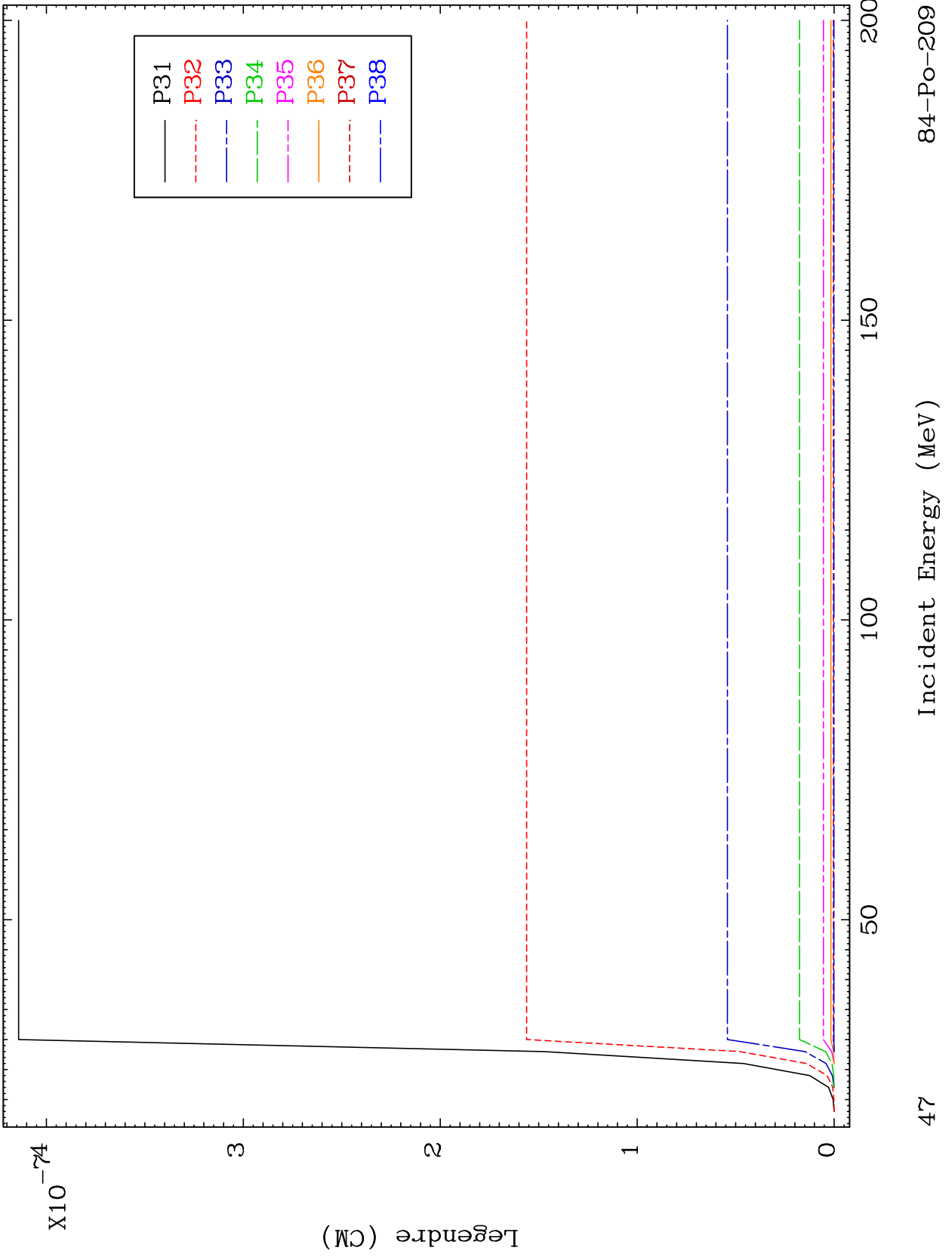
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209

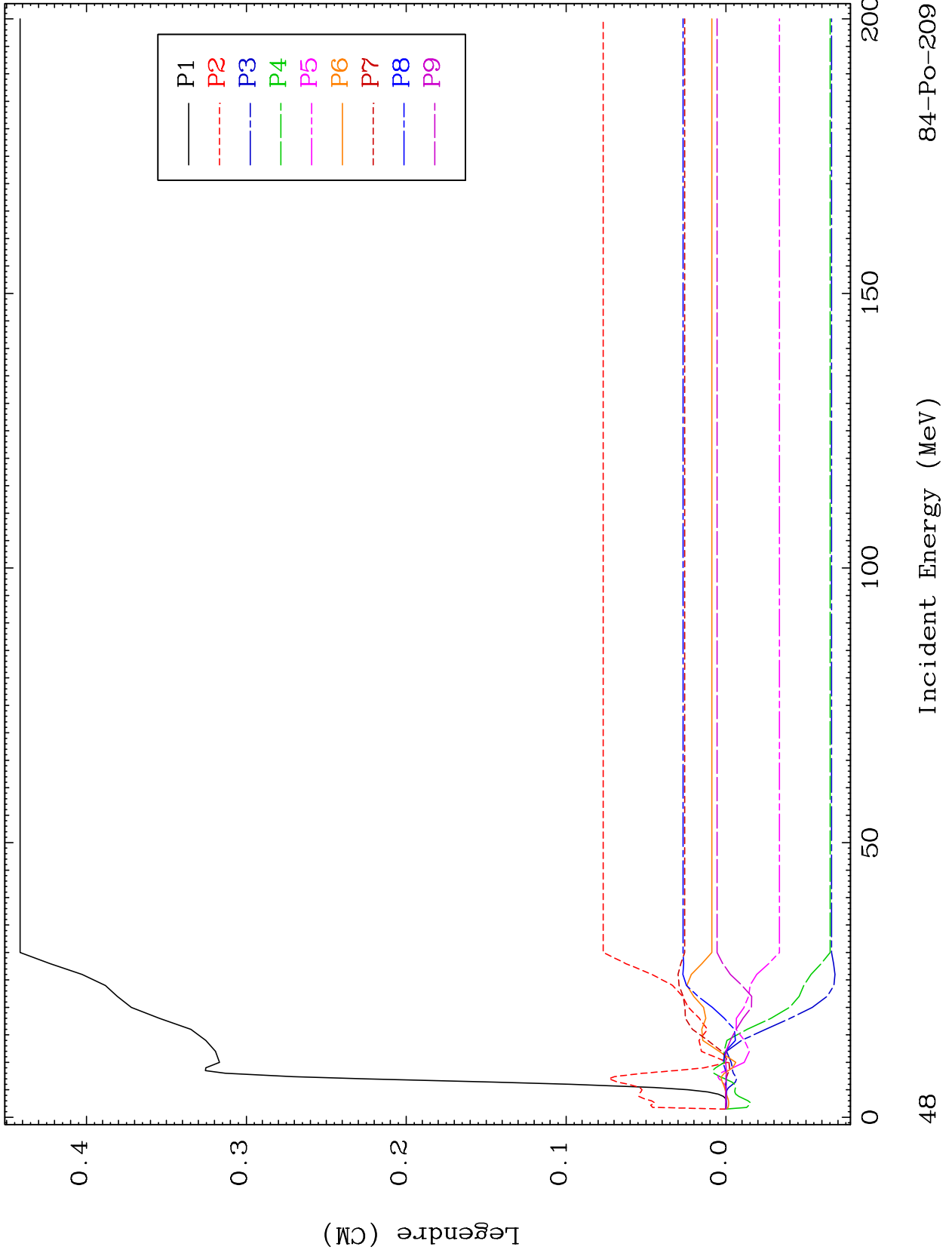




MAT 8434

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

84-Po-209



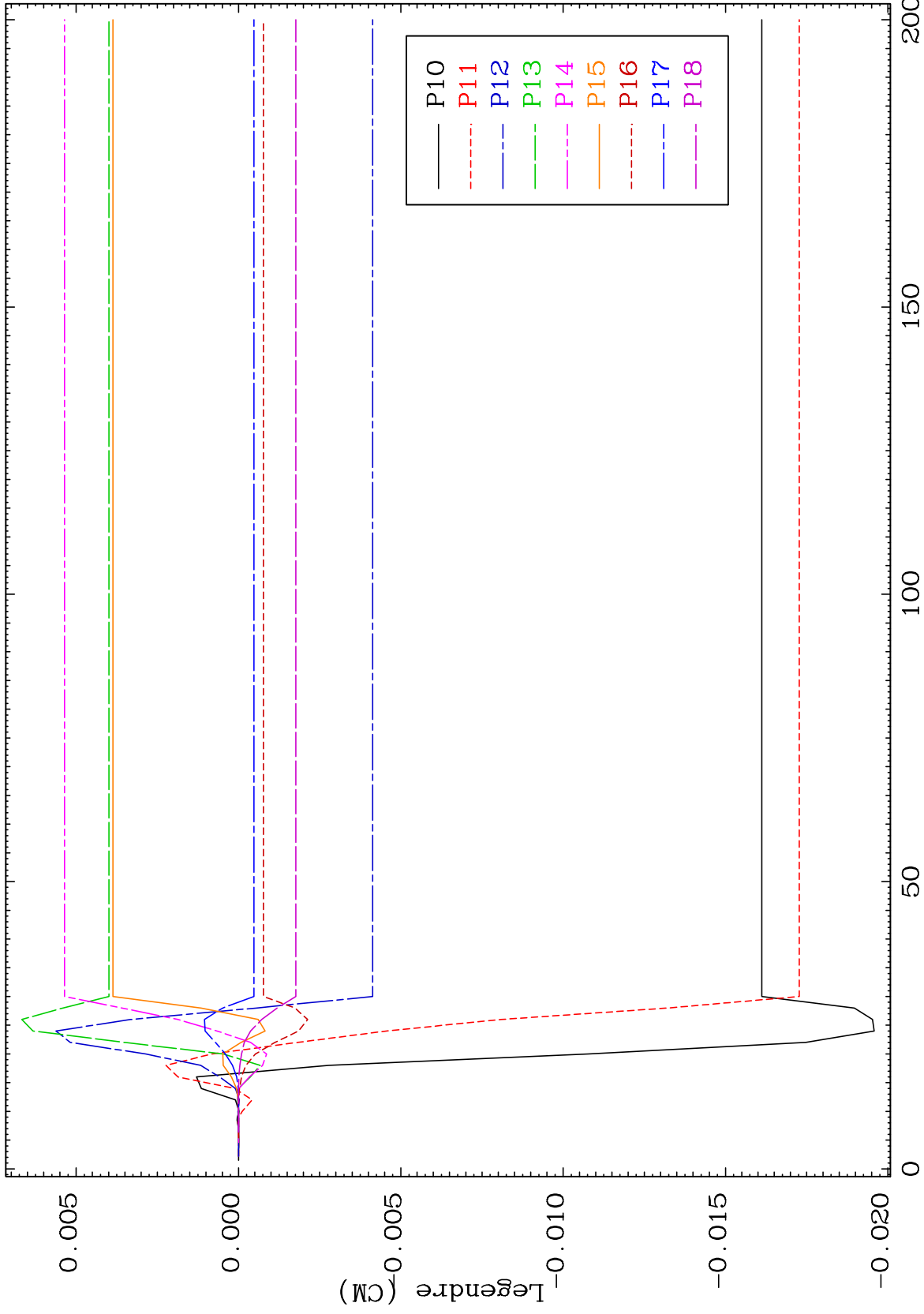
48

84-Po-209

MAT 8434

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

84-Po-209



49

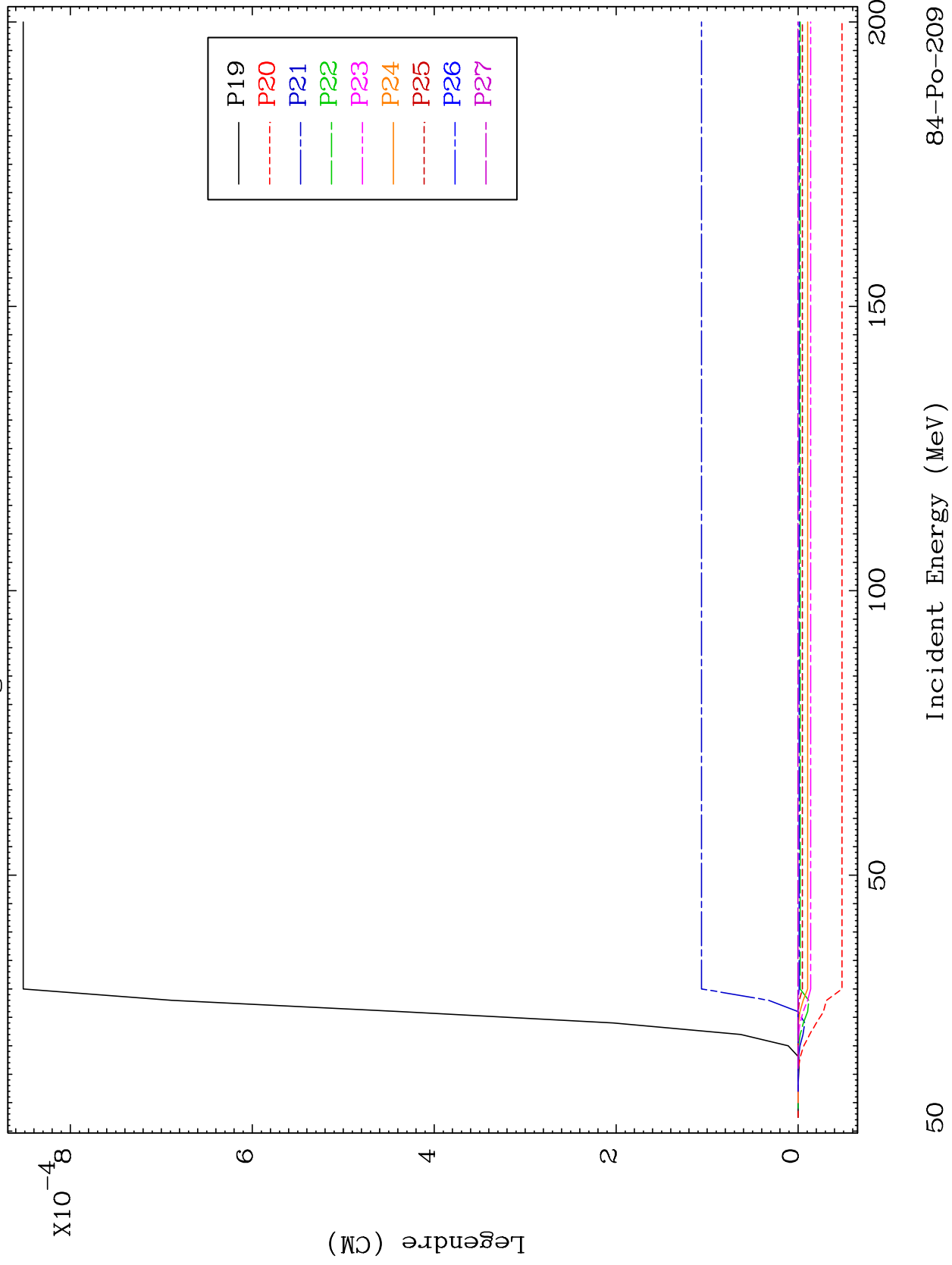
Incident Energy (MeV)

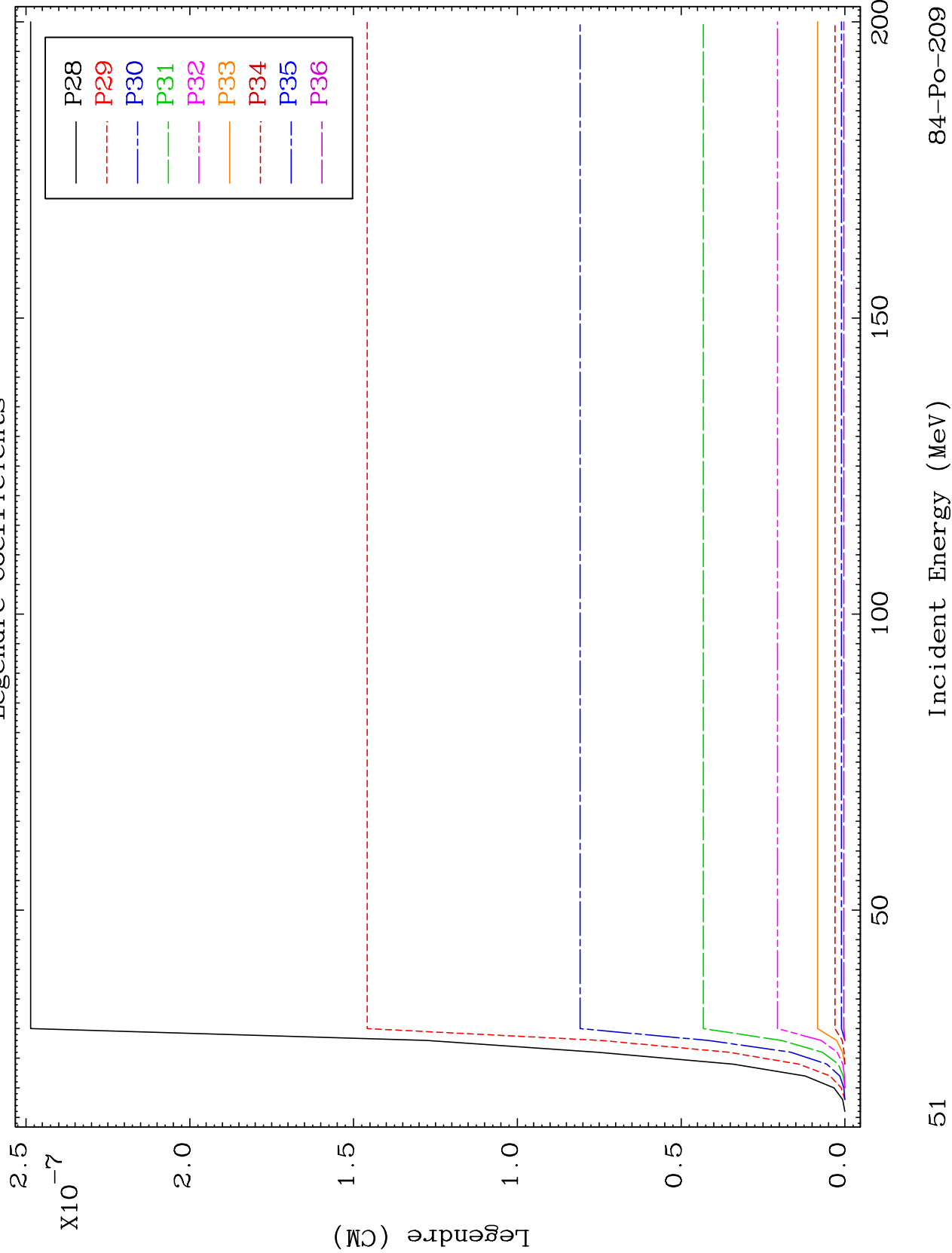
84-Po-209

MAT 8434

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

84-Po-209

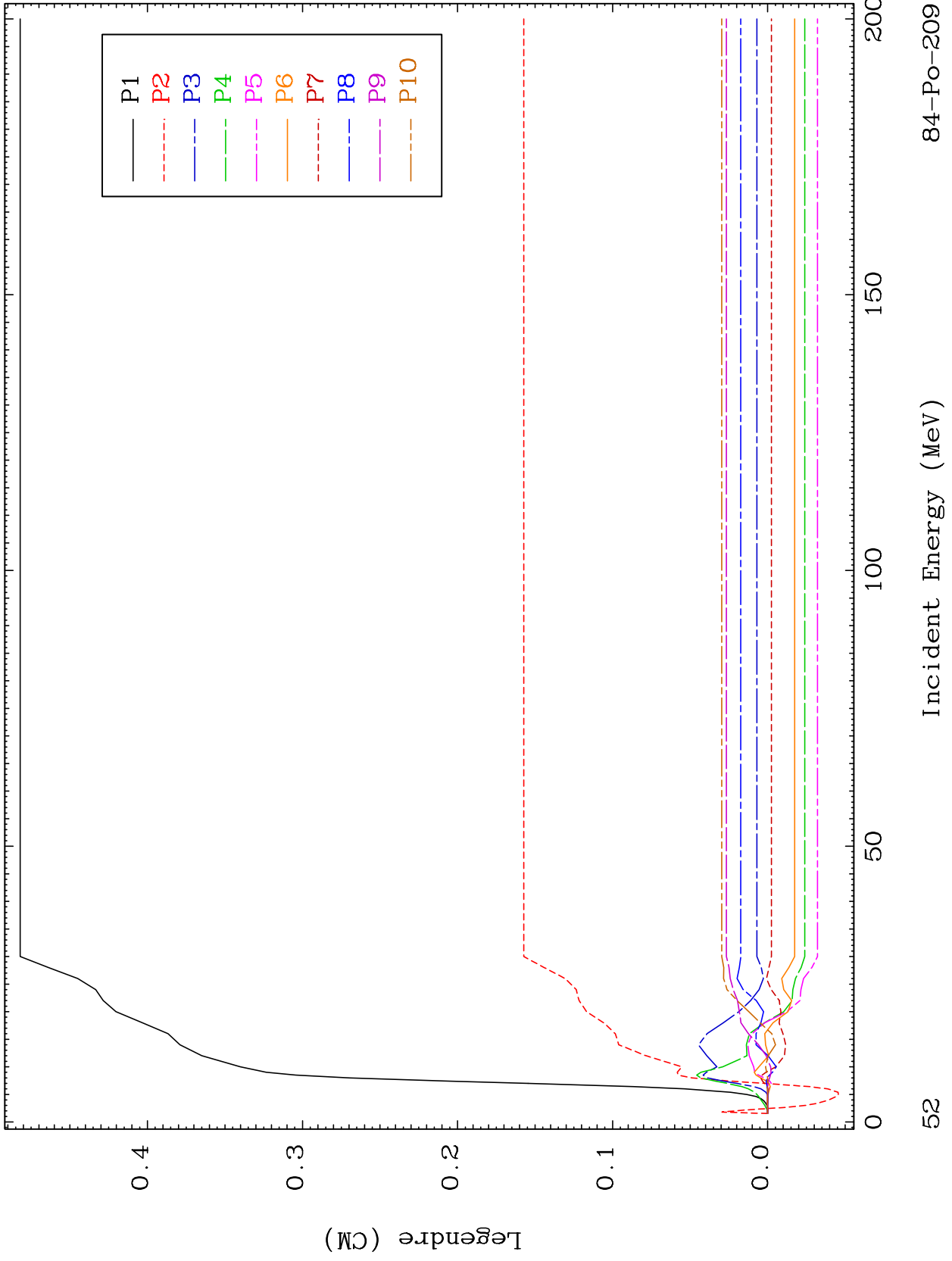




MAT 8434

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

84-Po-209



52

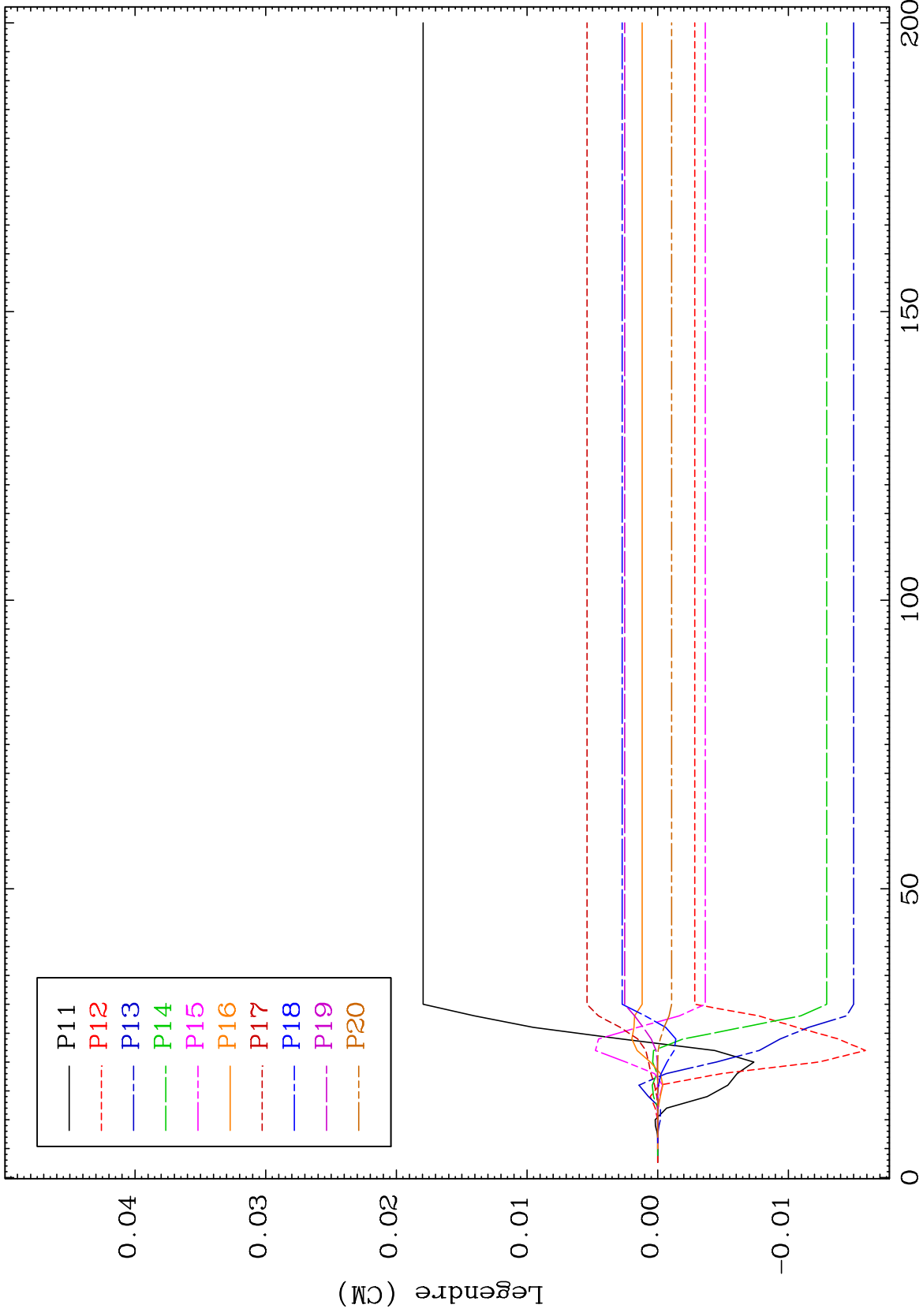
Incident Energy (MeV)

84-Po-209

MAT 8434

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

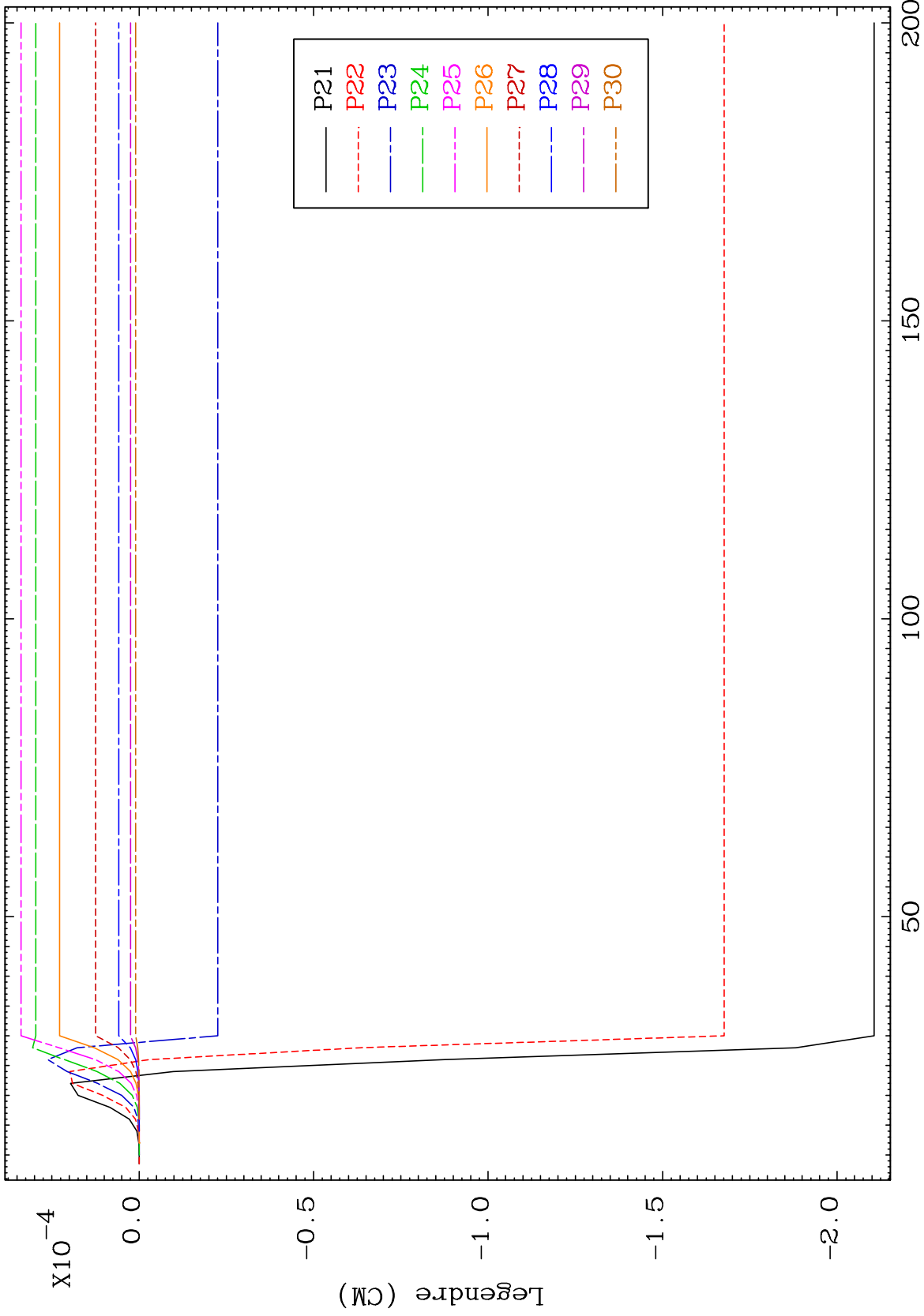
84-Po-209



53

Incident Energy (MeV)

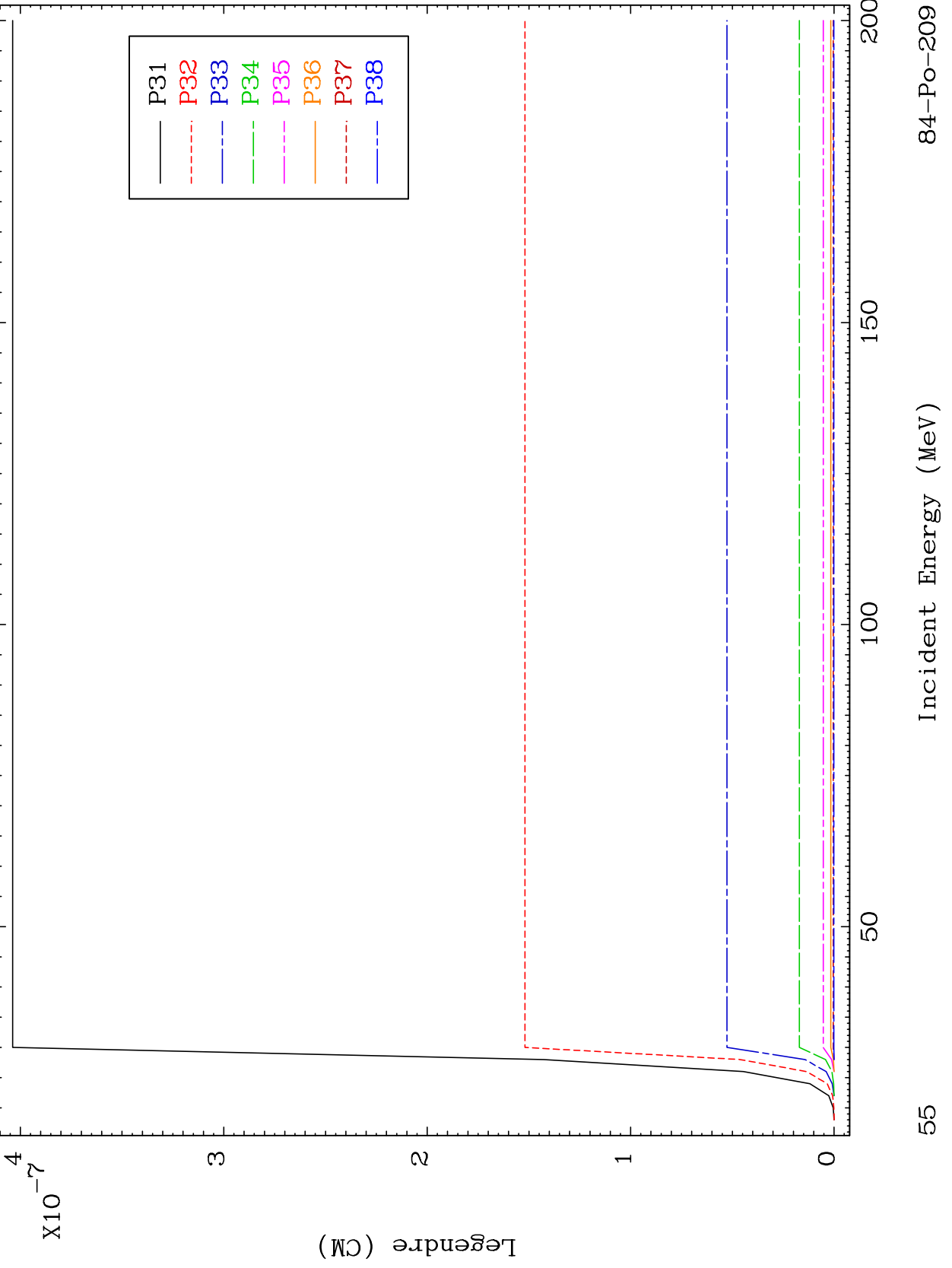
84-Po-209



MAT 8434

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

84-Po-209

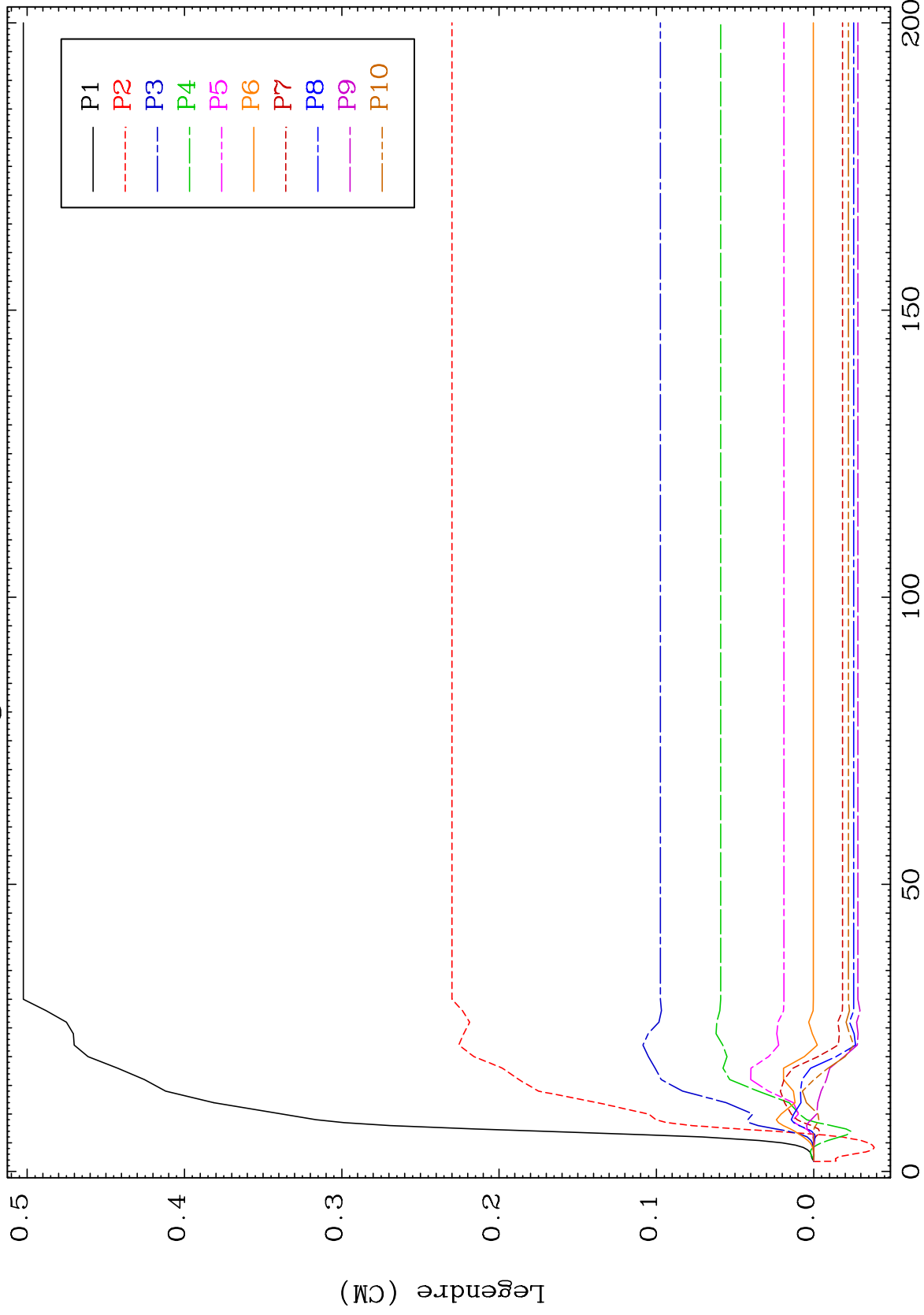




MAT 8434

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

84-Po-209



56

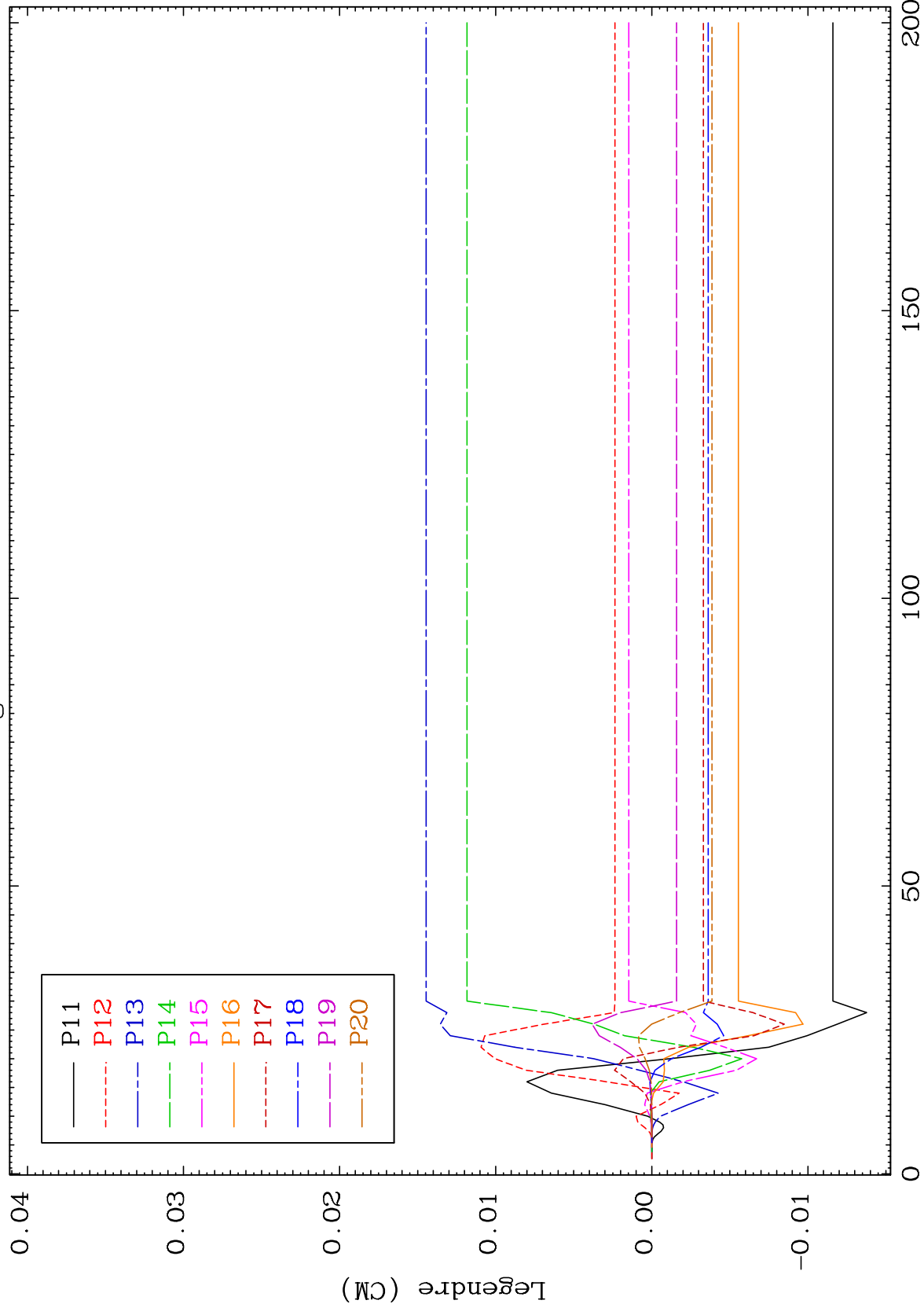
Incident Energy (MeV)

84-Po-209

MAT 8434

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

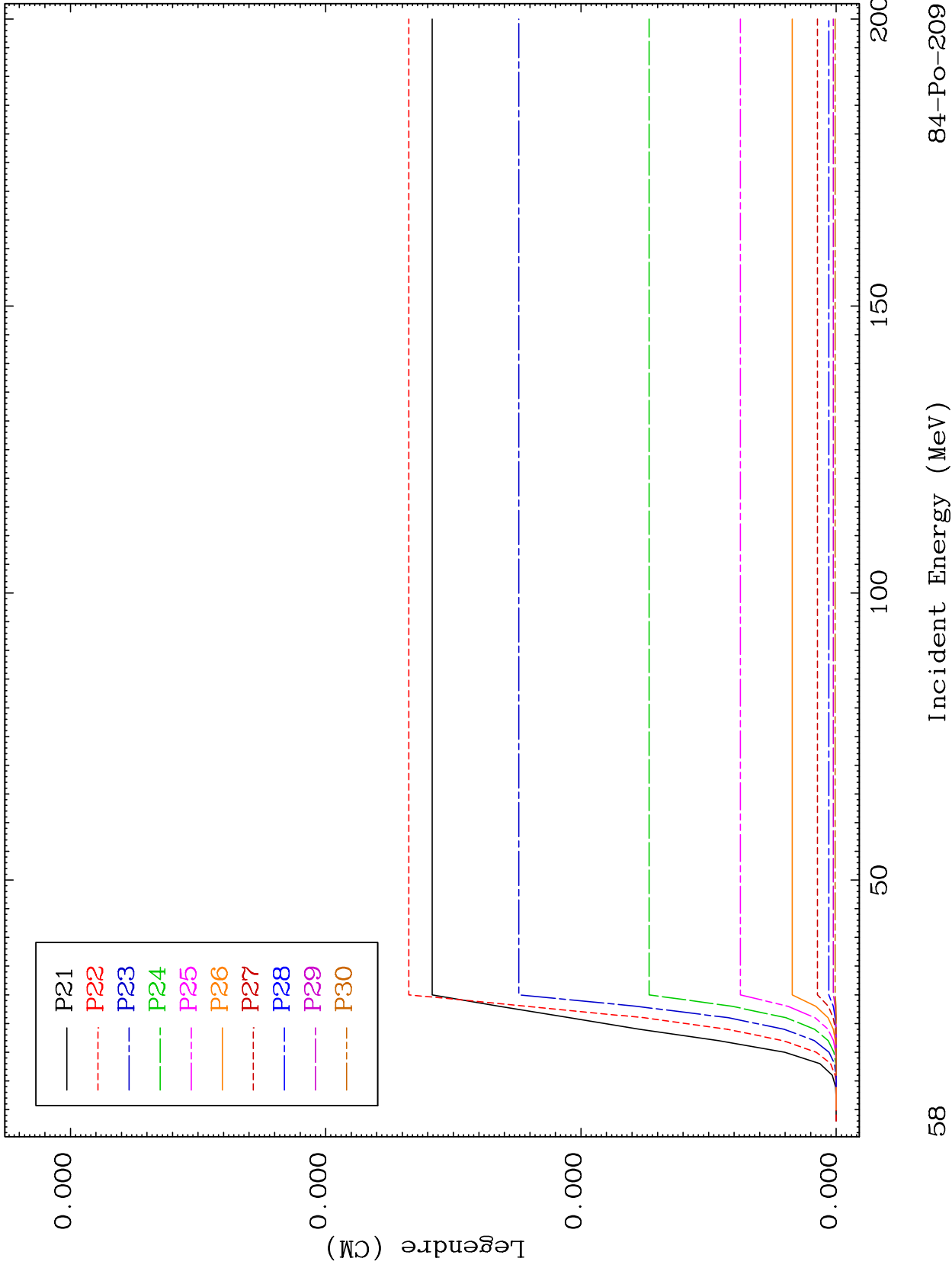
84-Po-209



MAT 8434

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

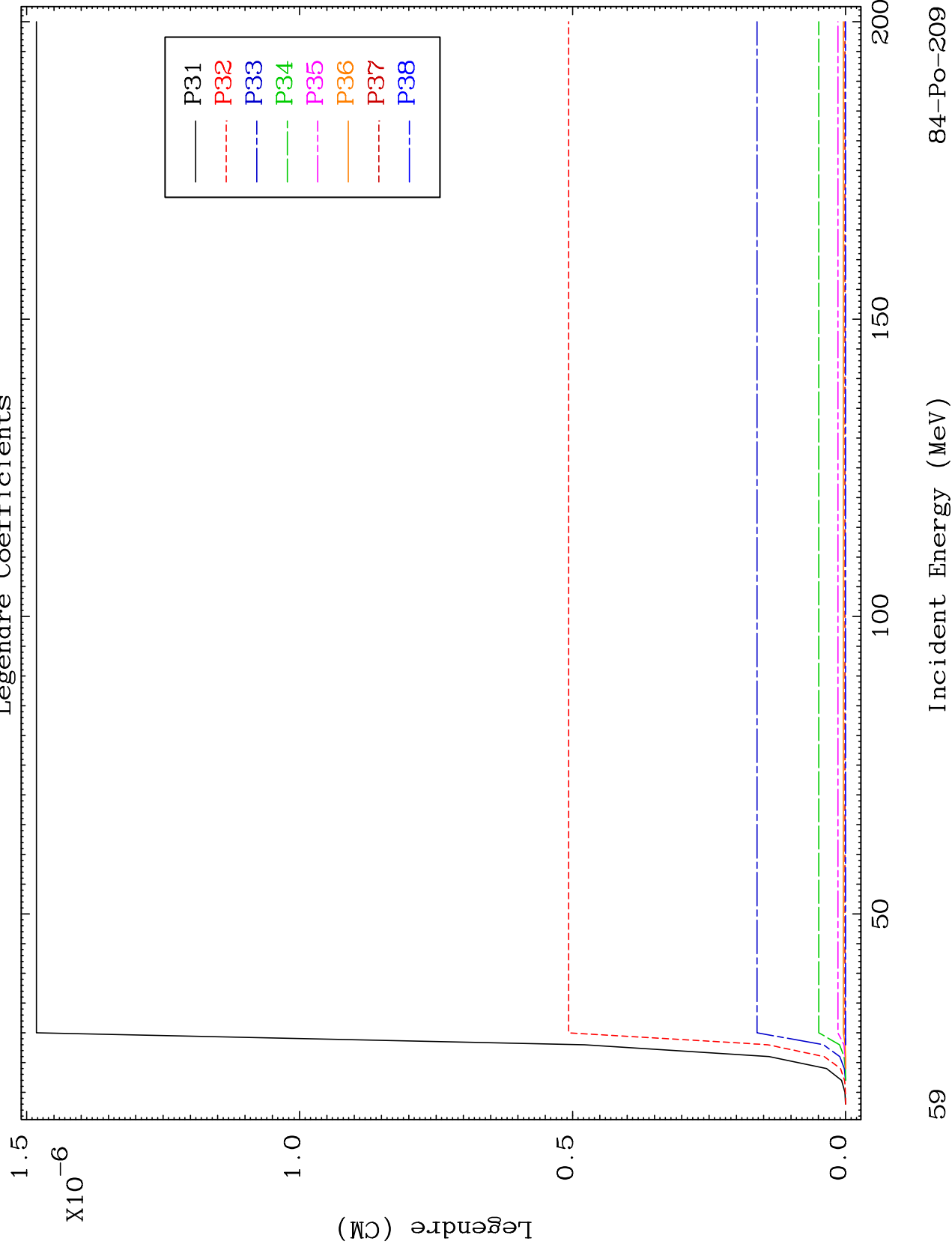
84-Po-209



58

Incident Energy (MeV)

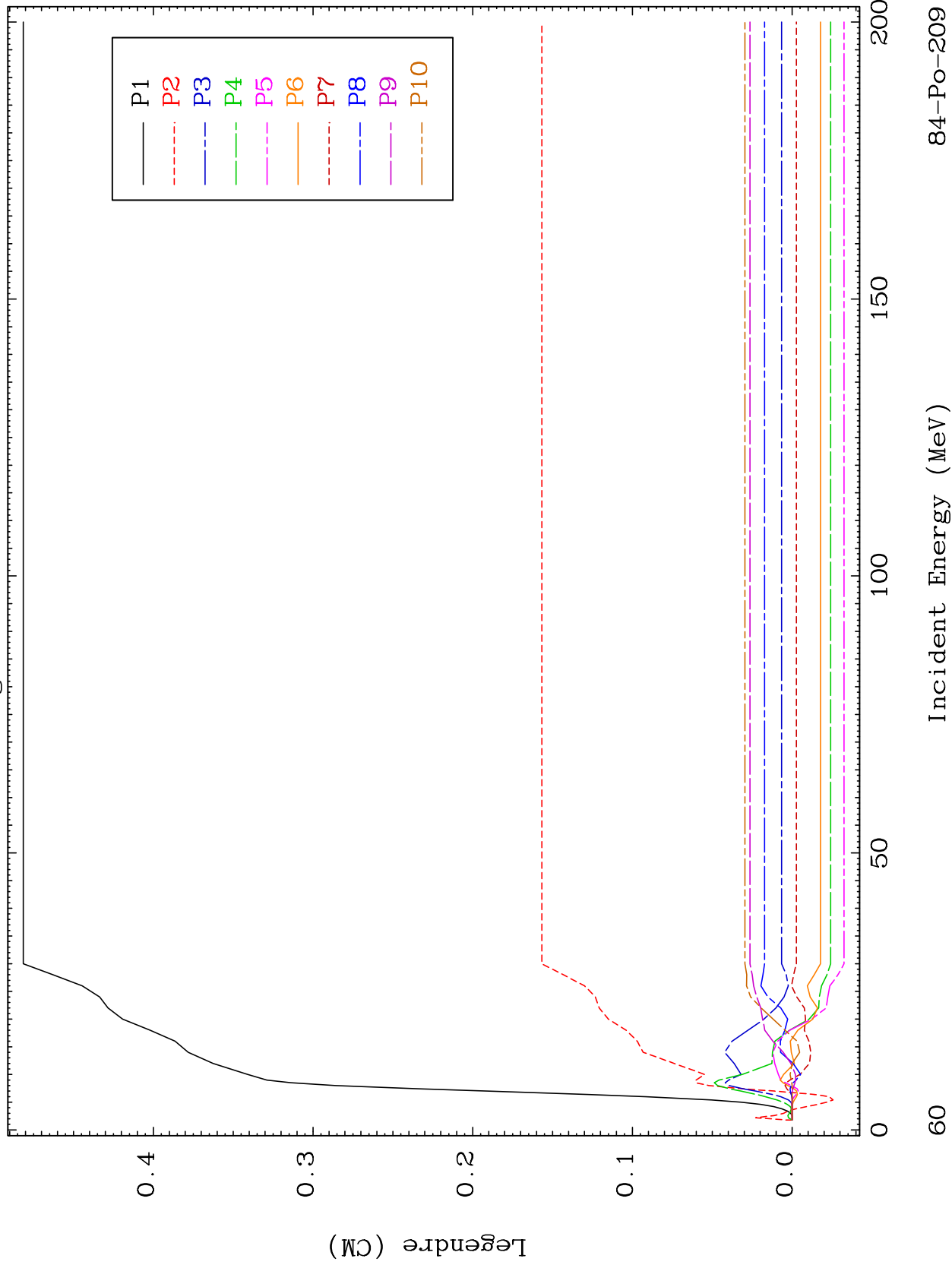
84-Po-209



MAT 8434

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

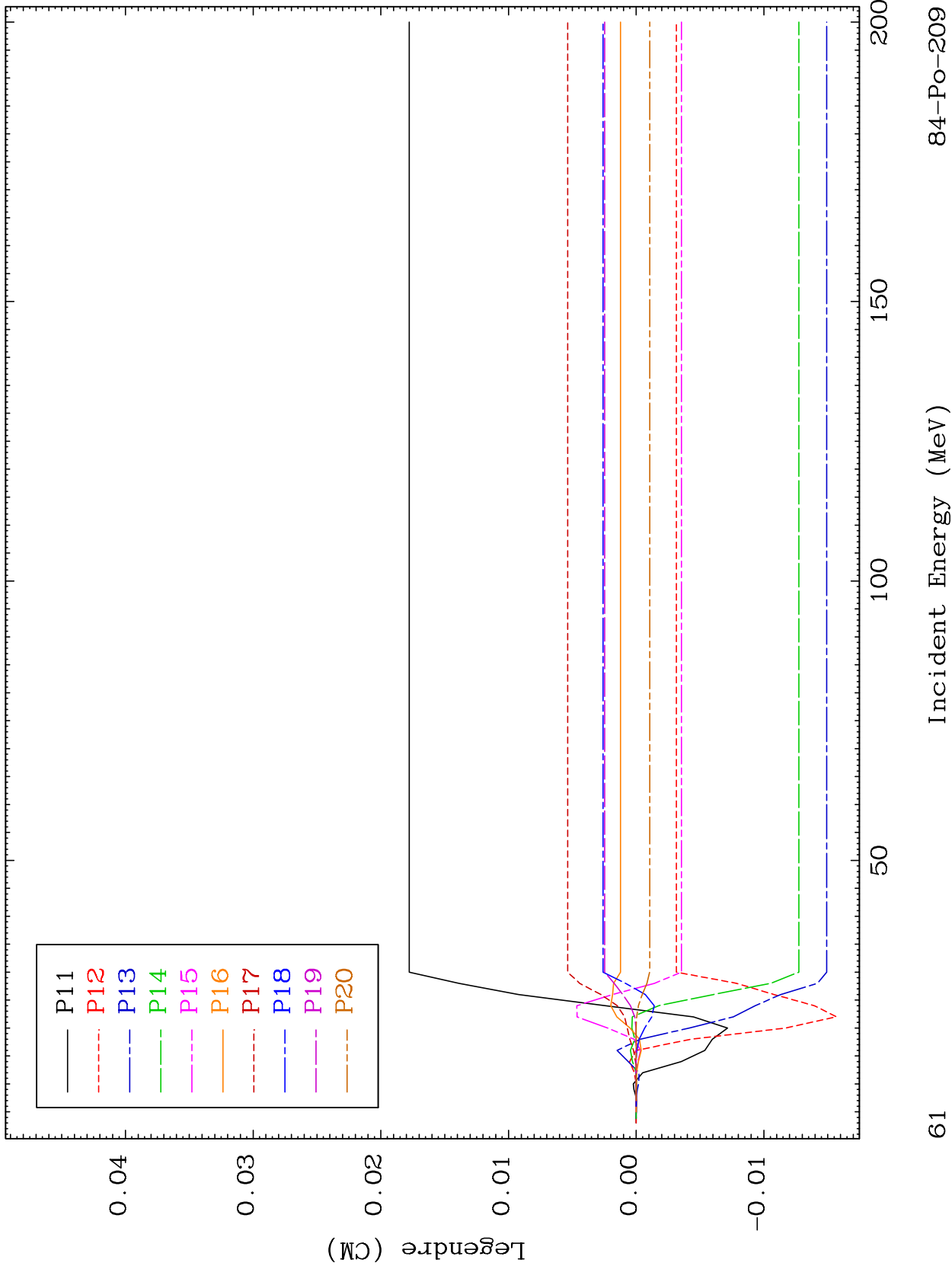
84-Po-209



MAT 8434

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

84-Po-209



61

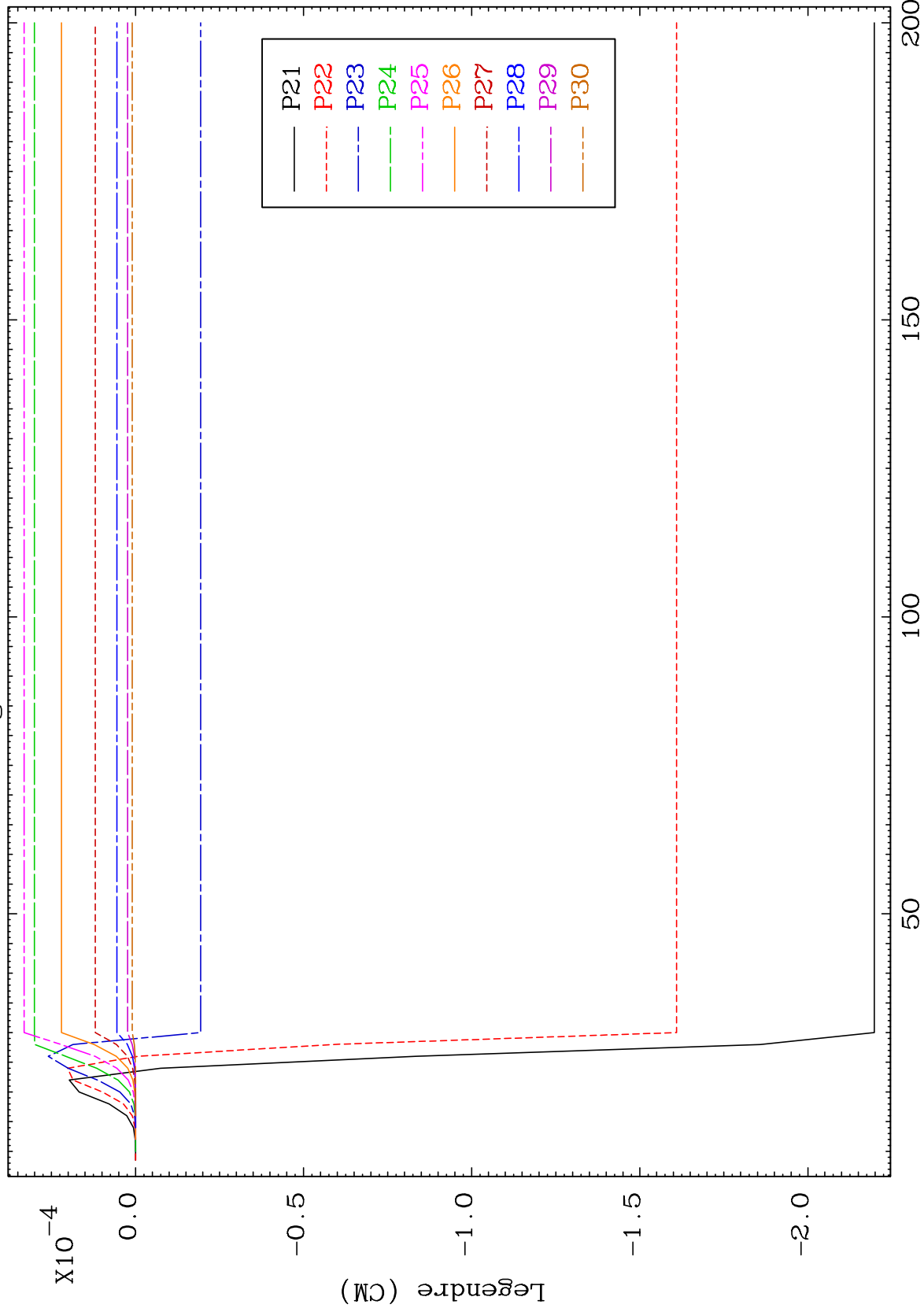
Incident Energy (MeV)

84-Po-209

MAT 8434

84-Po-209

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



62

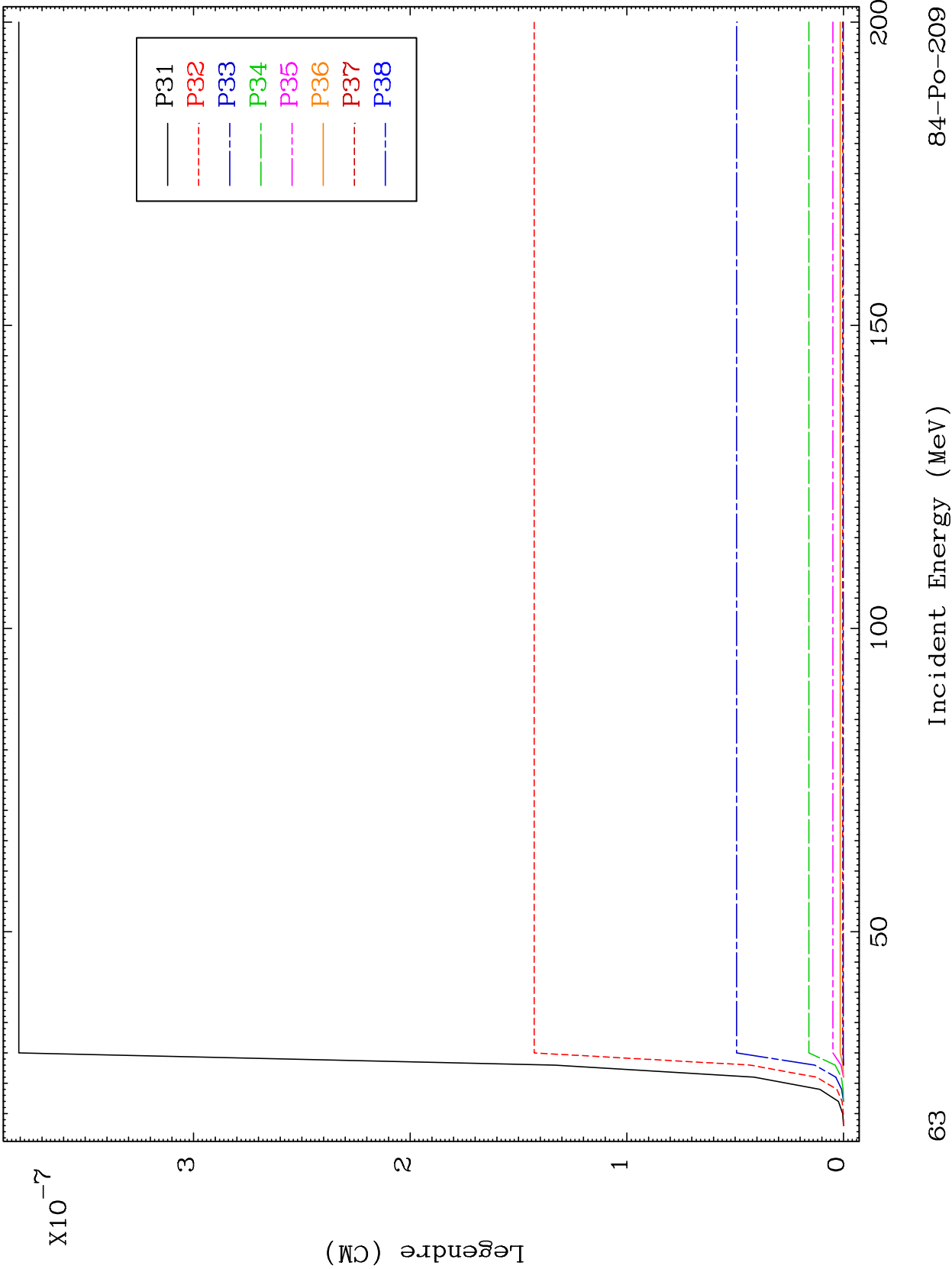
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209

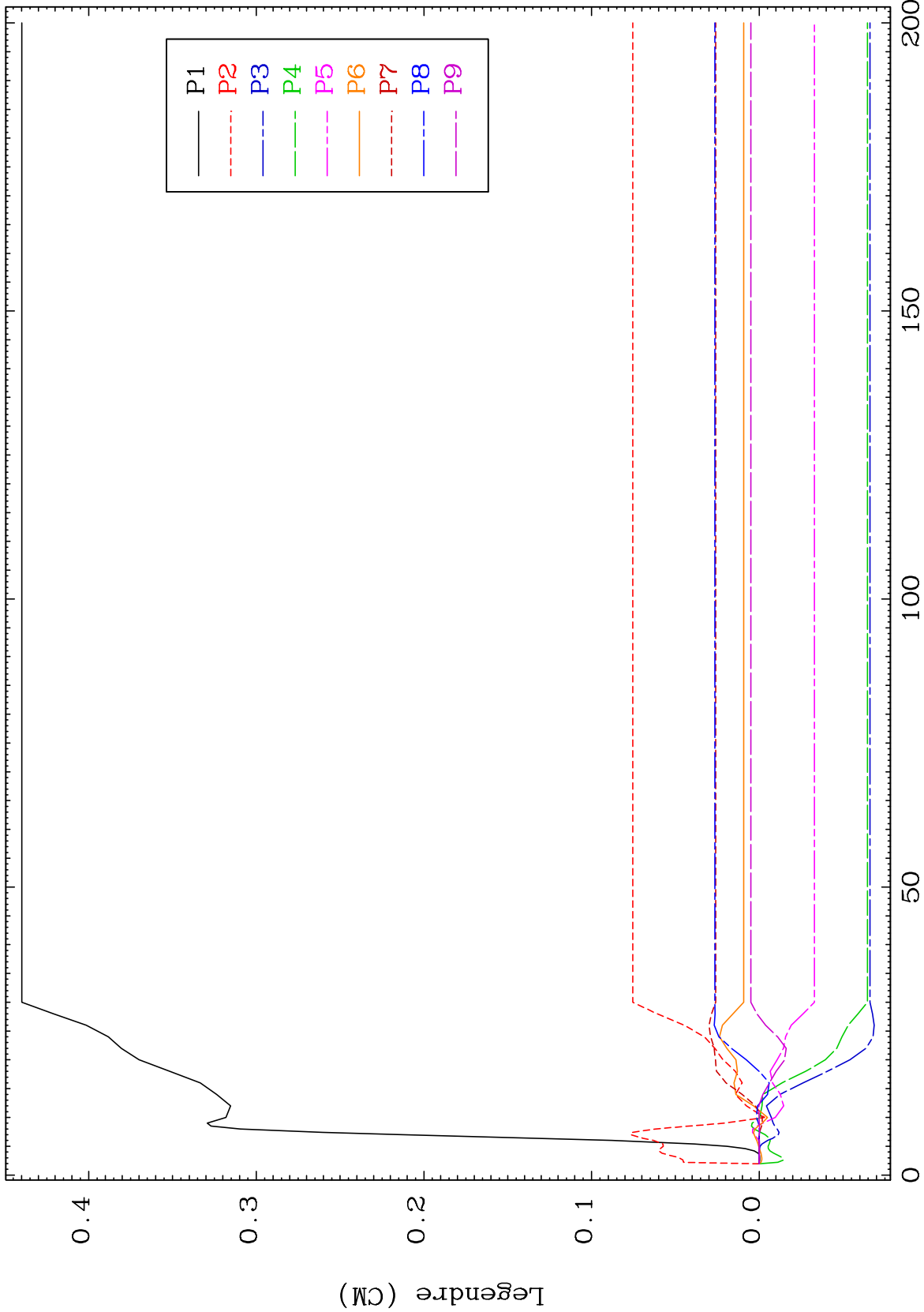




MAT 8434

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

84-Po-209



64

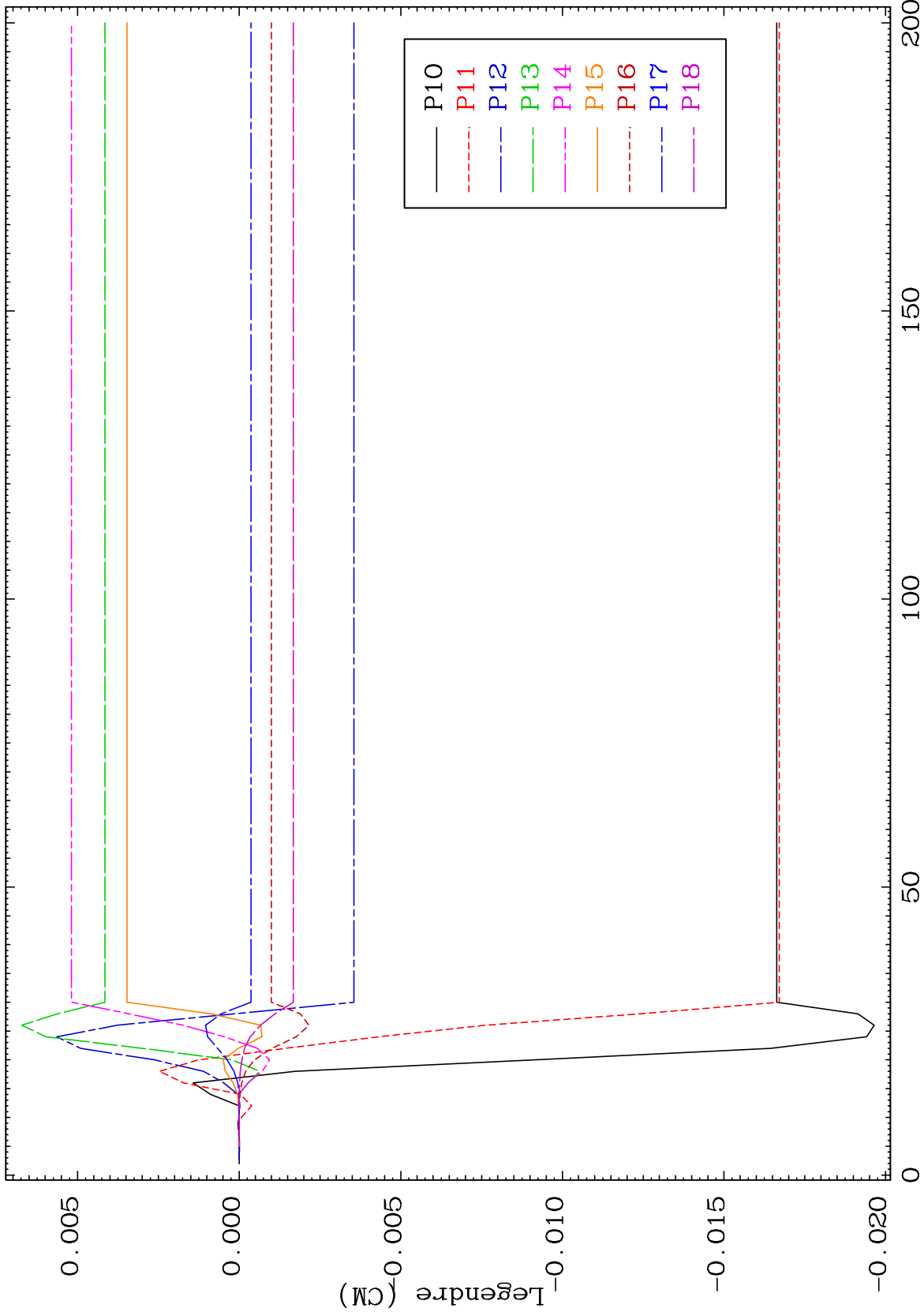
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



65

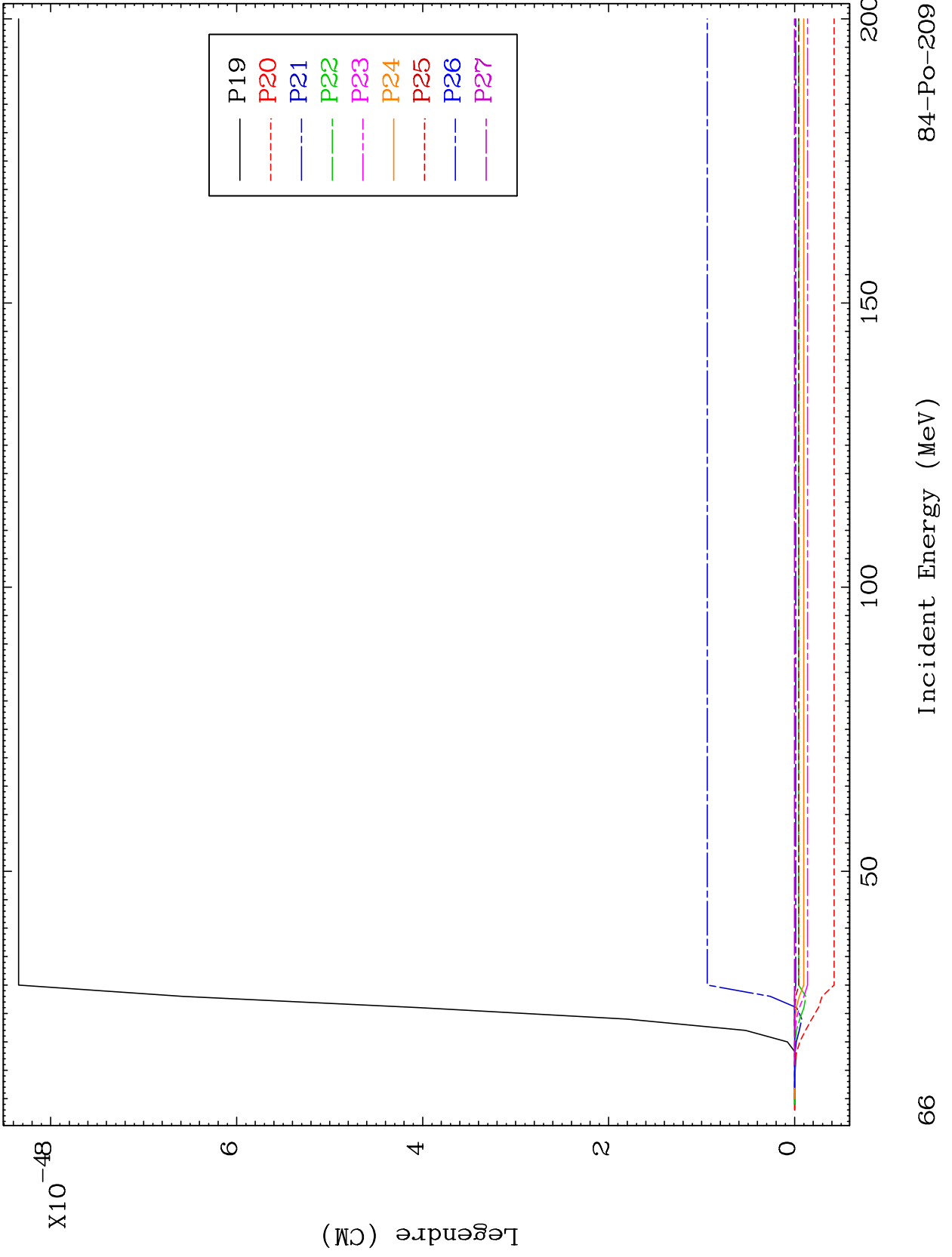
84-Po-209

84-Po-209

MAT 8434

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

84-Po-209



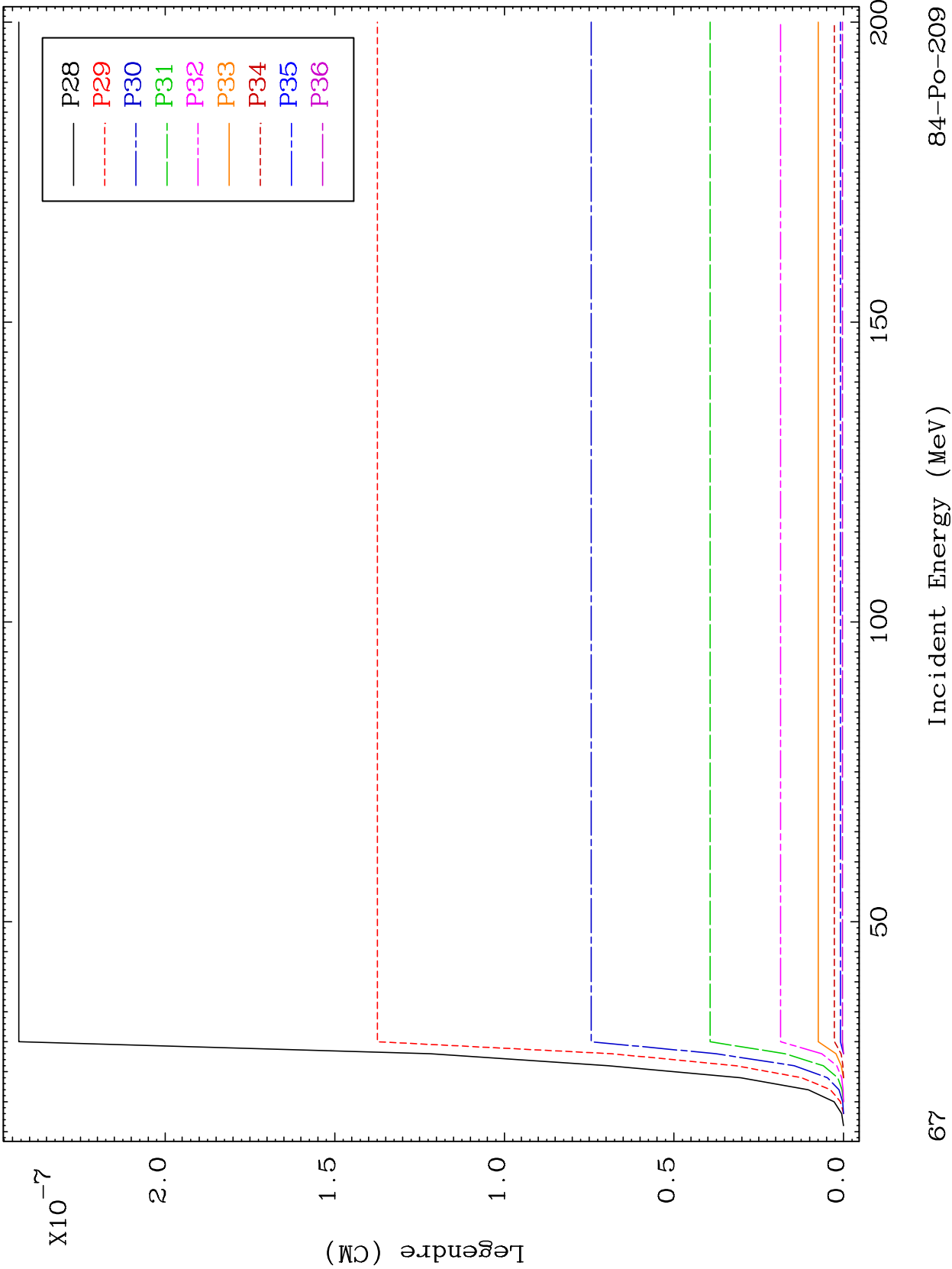
66

84-Po-209

MAT 8434

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

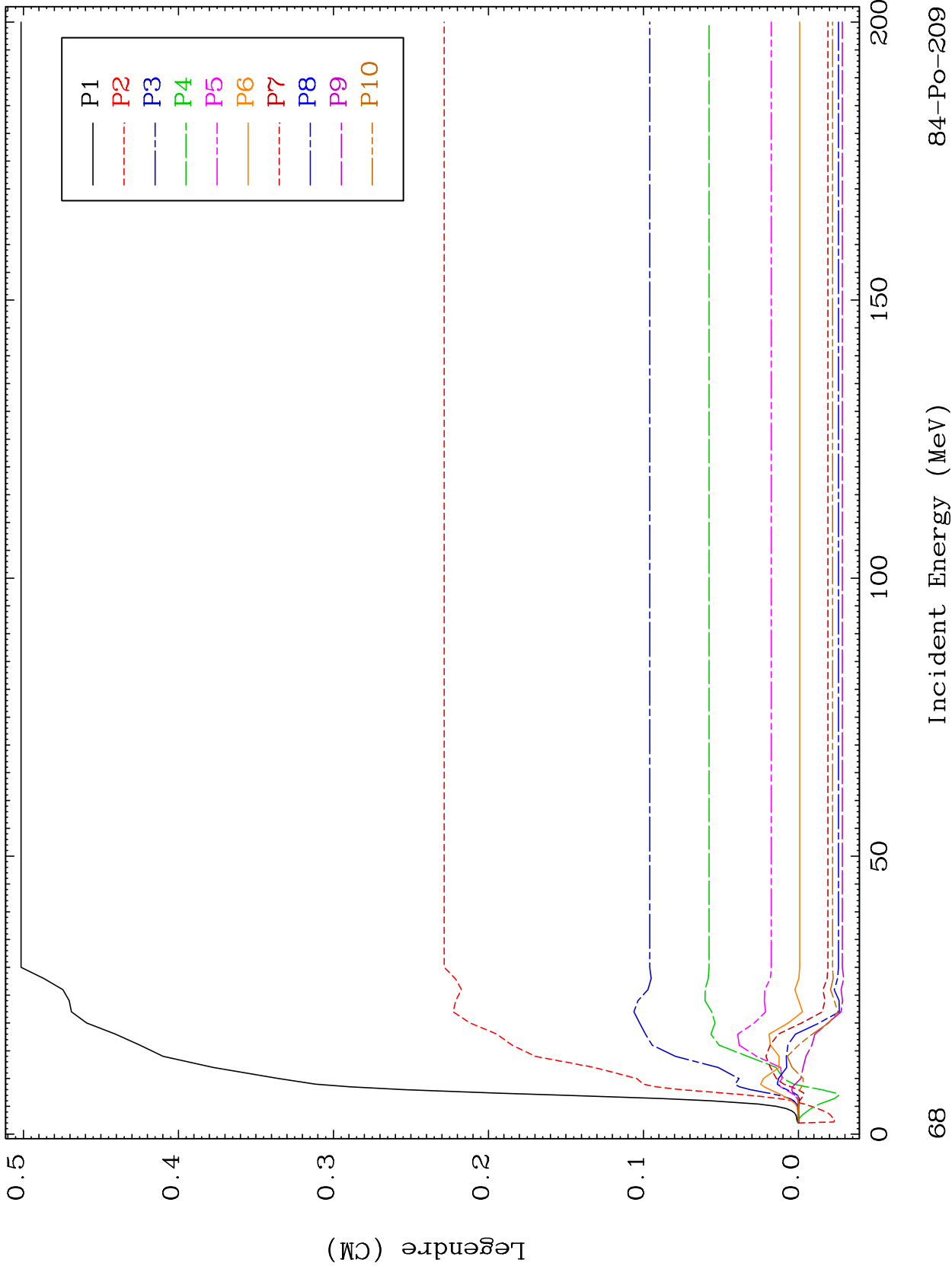
84-Po-209



MAT 8434

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

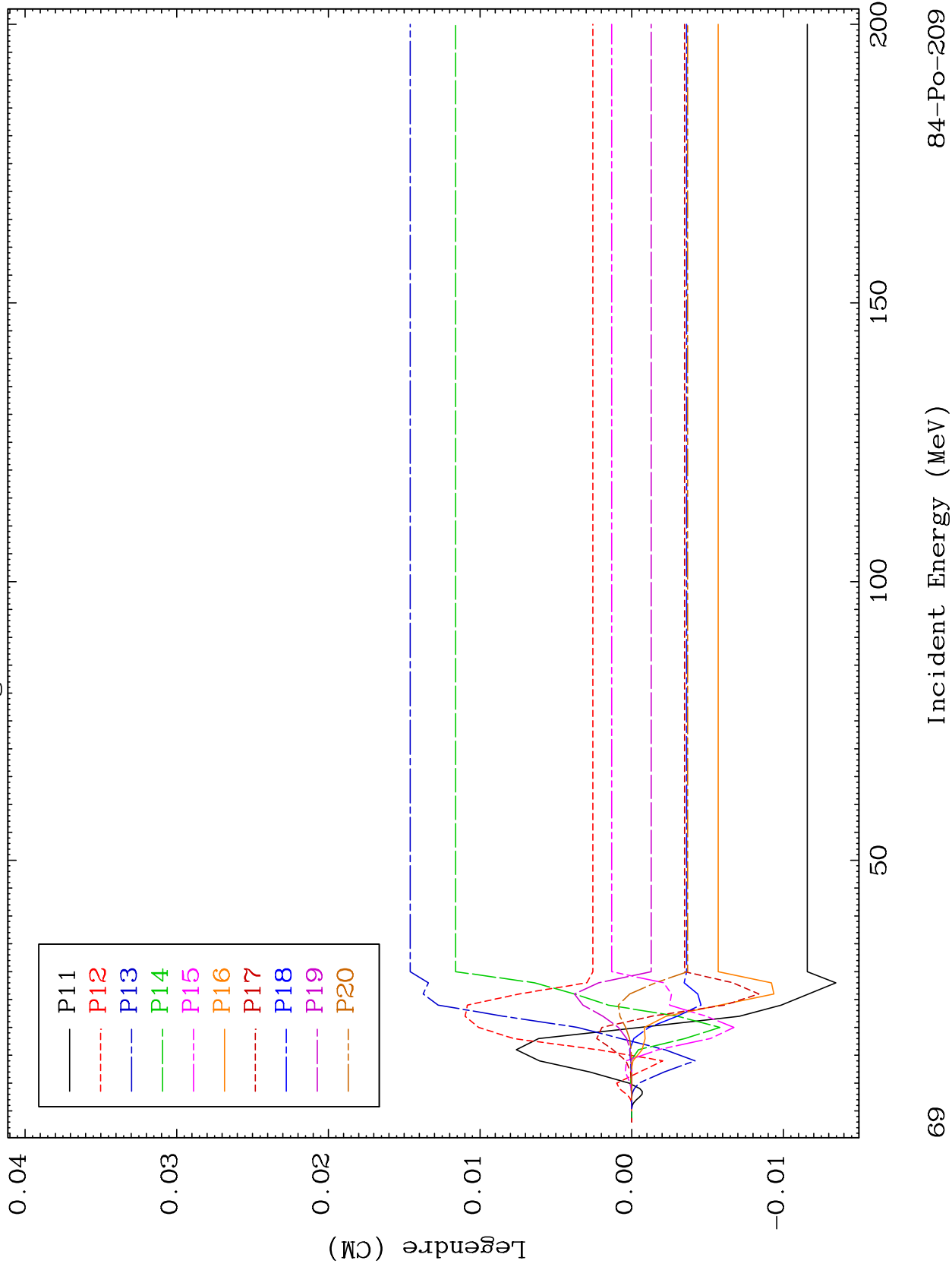
84-Po-209



MAT 8434

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

84-Po-209



69

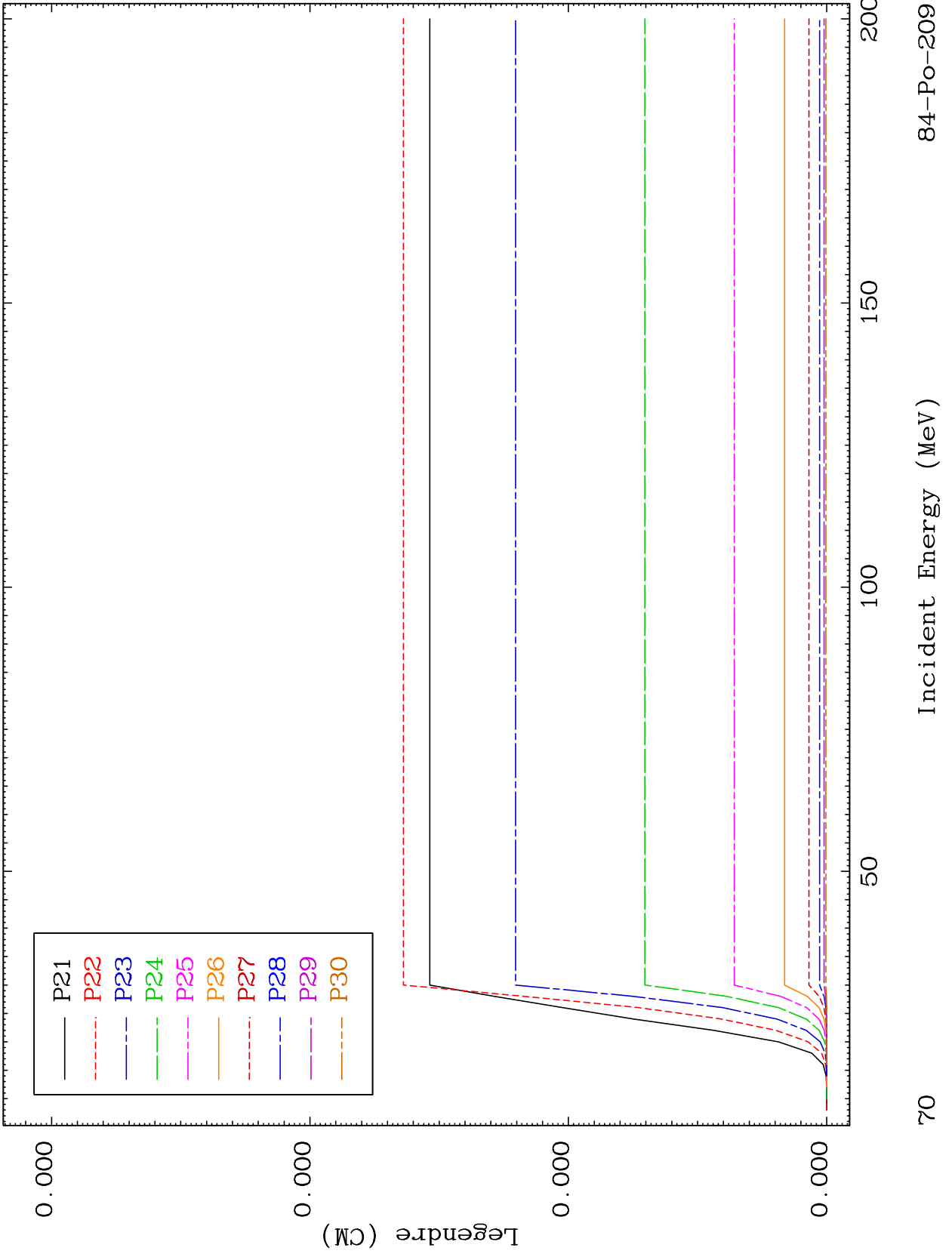
Incident Energy (MeV)

84-Po-209

MAT 8434

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

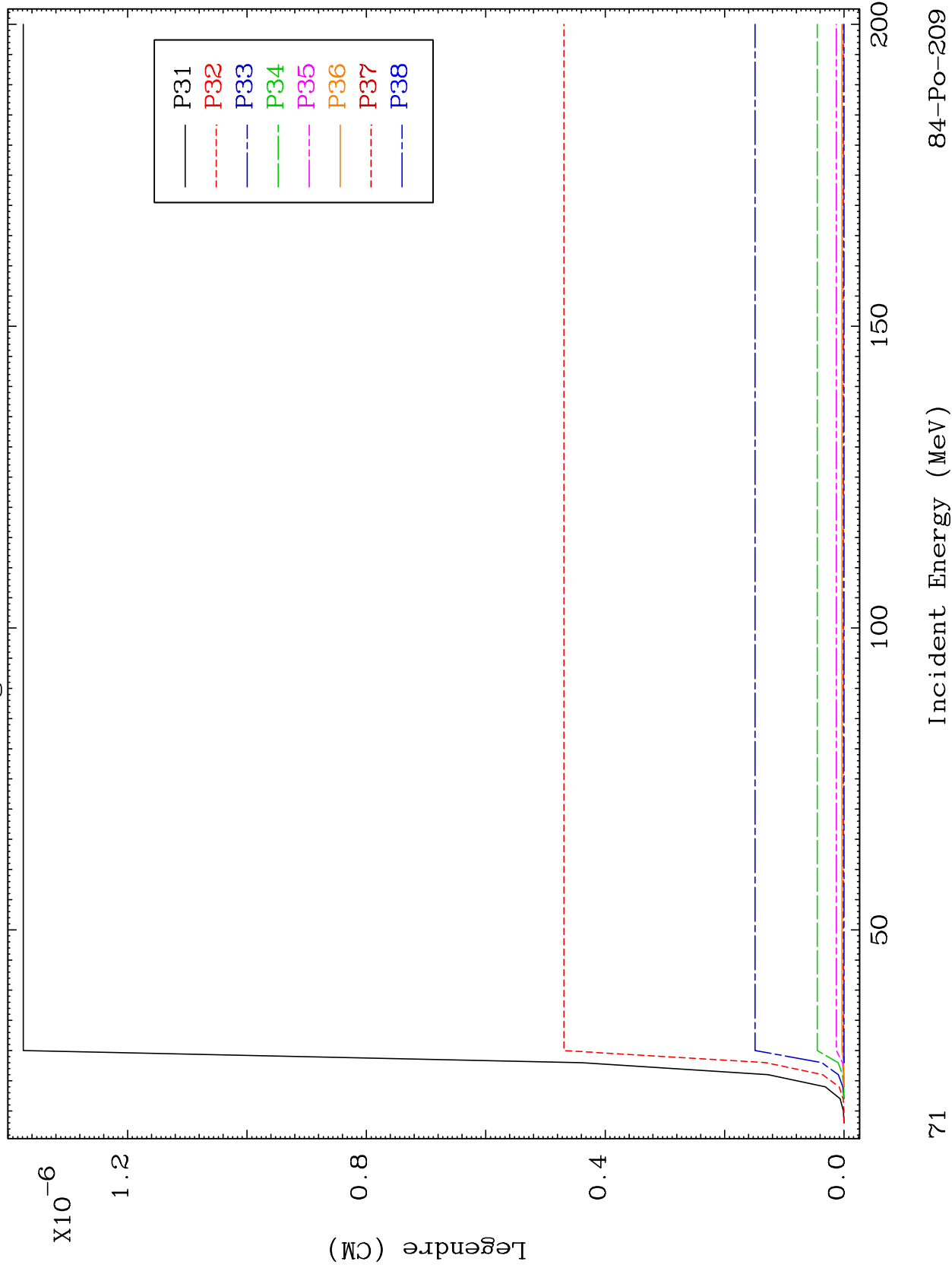
84-Po-209



MAT 8434

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

84-Po-209

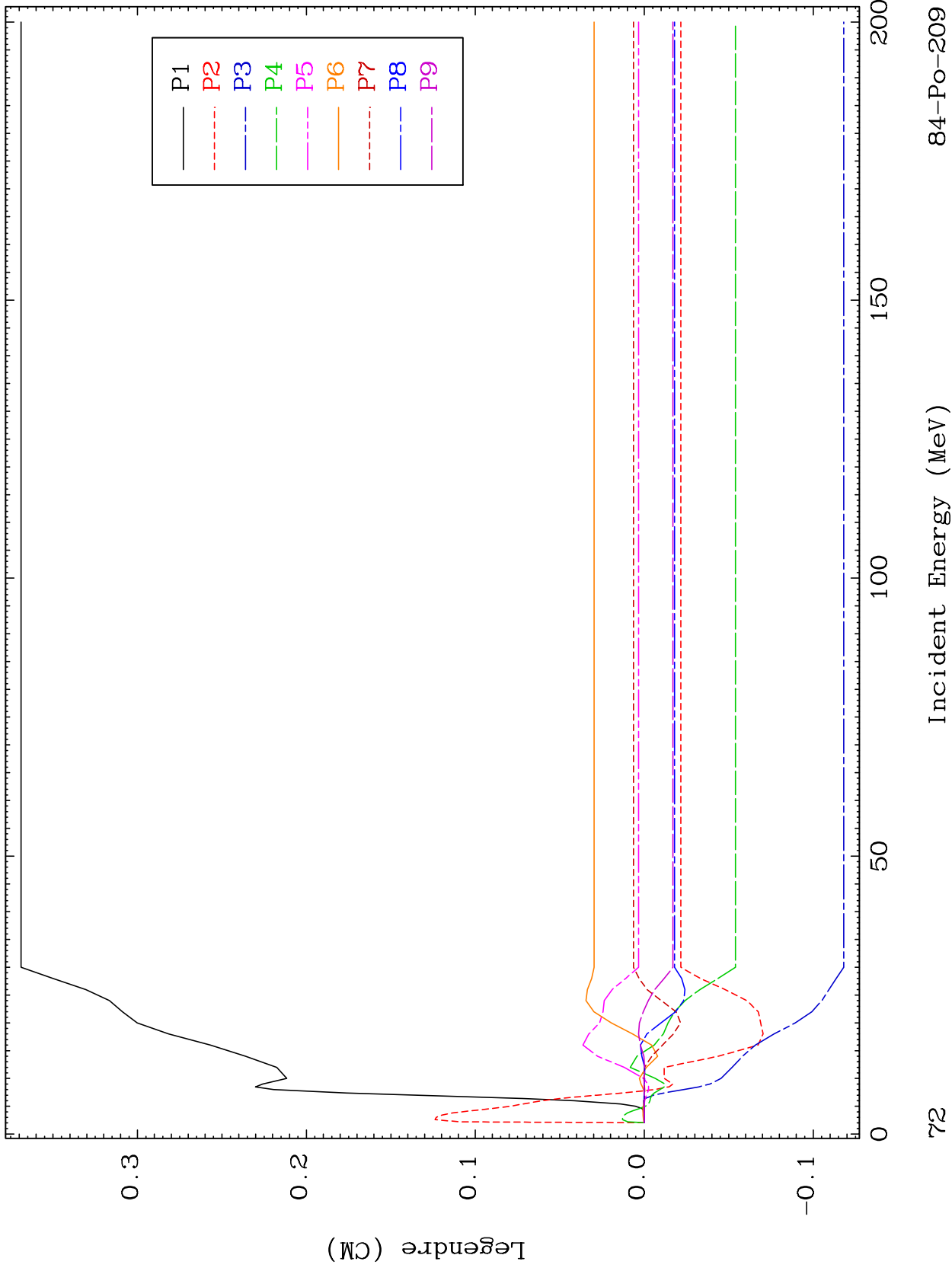




MAT 8434

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

84-Po-209



84-Po-209

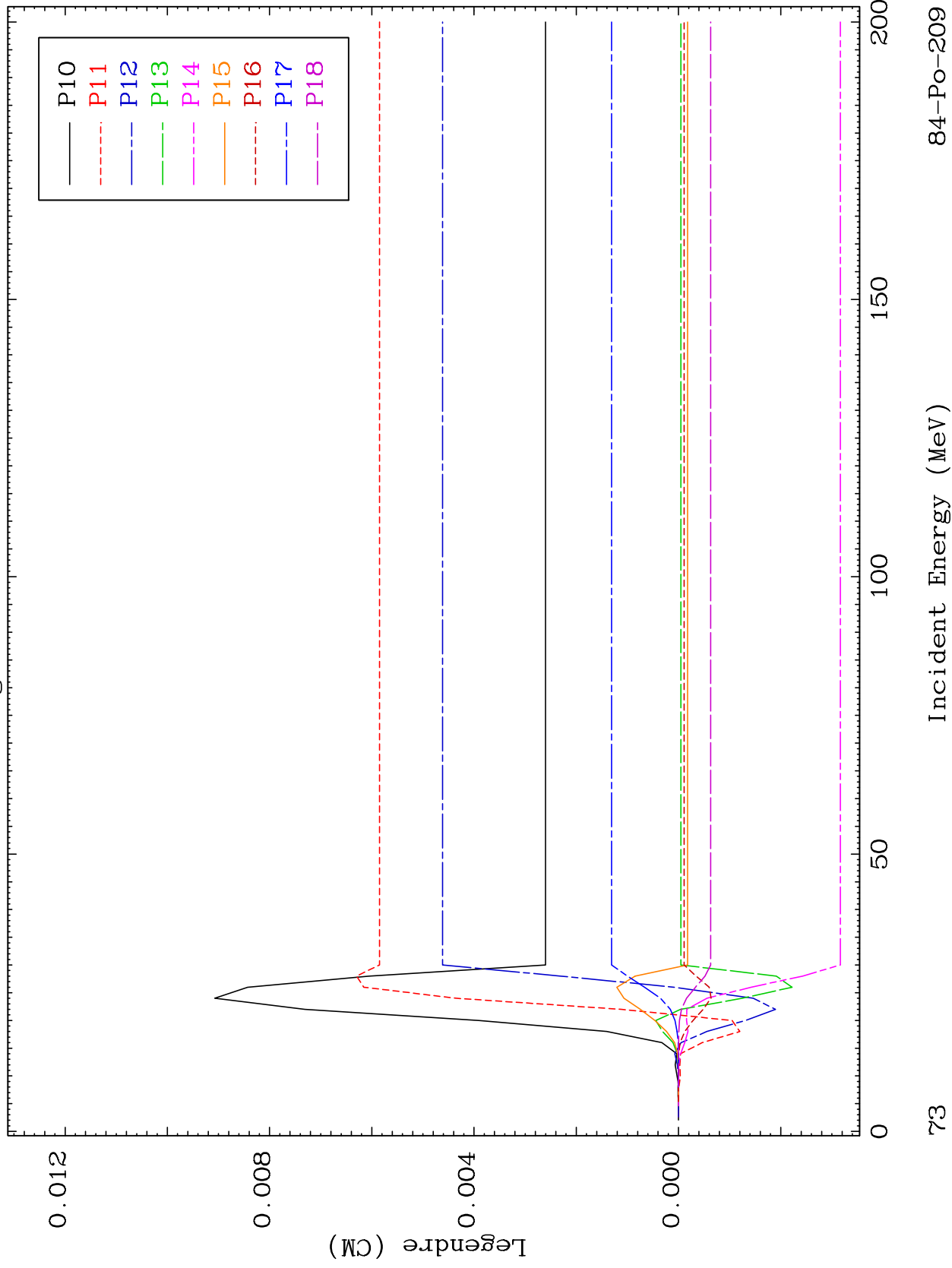
Incident Energy (MeV)

72

MAT 8434

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

84-Po-209



73

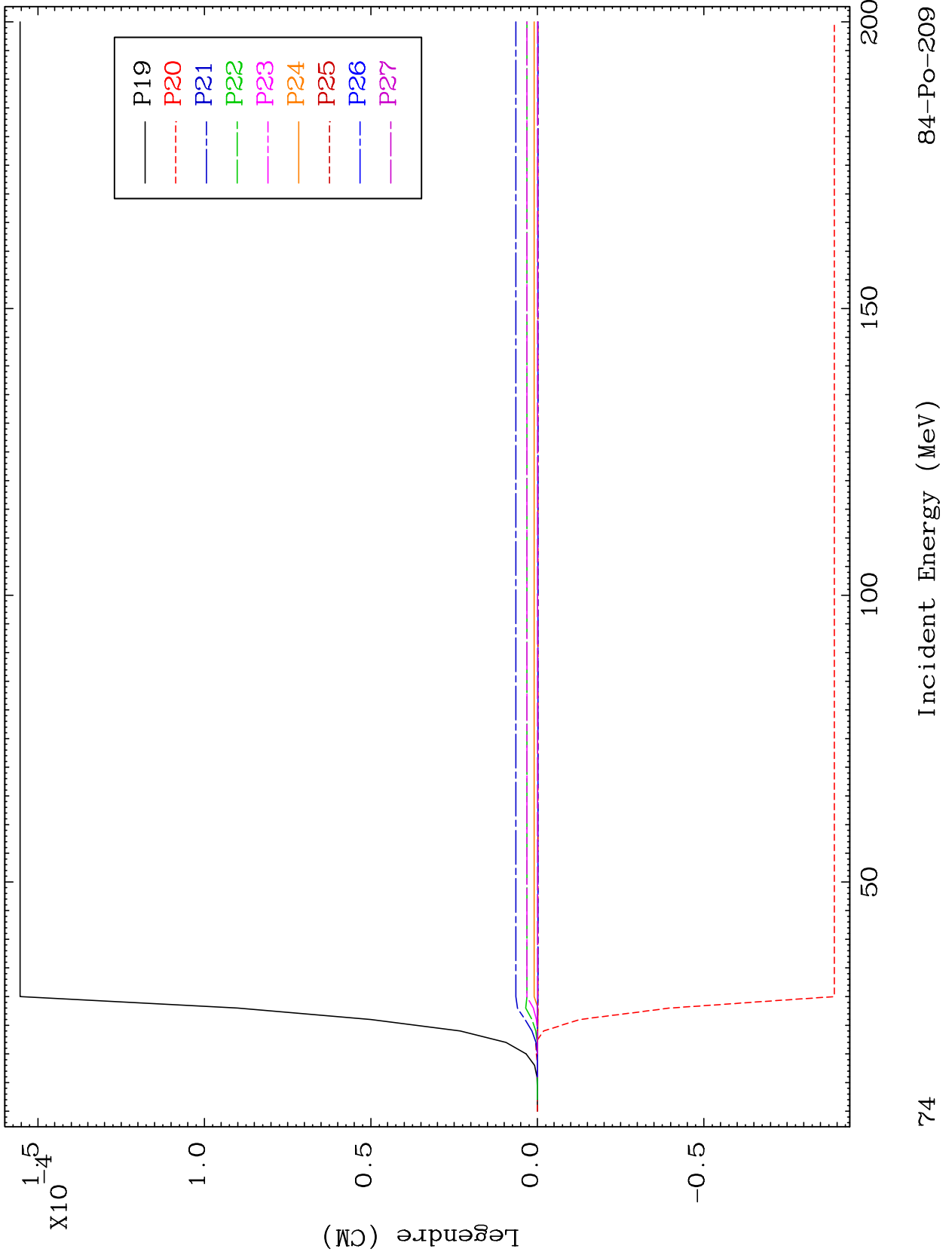
Incident Energy (MeV)

84-Po-209

MAT 8434

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

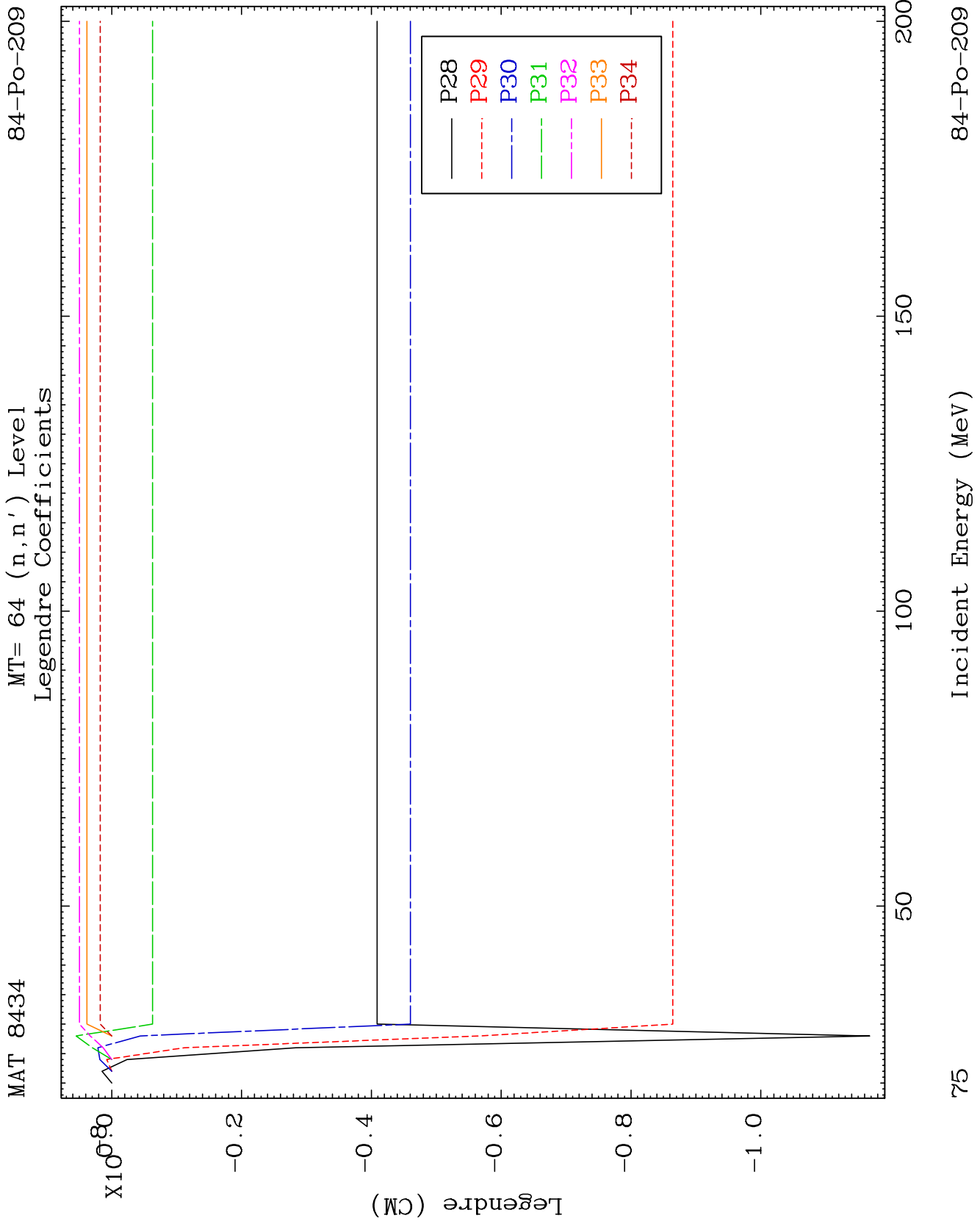
84-Po-209



74

Incident Energy (MeV)

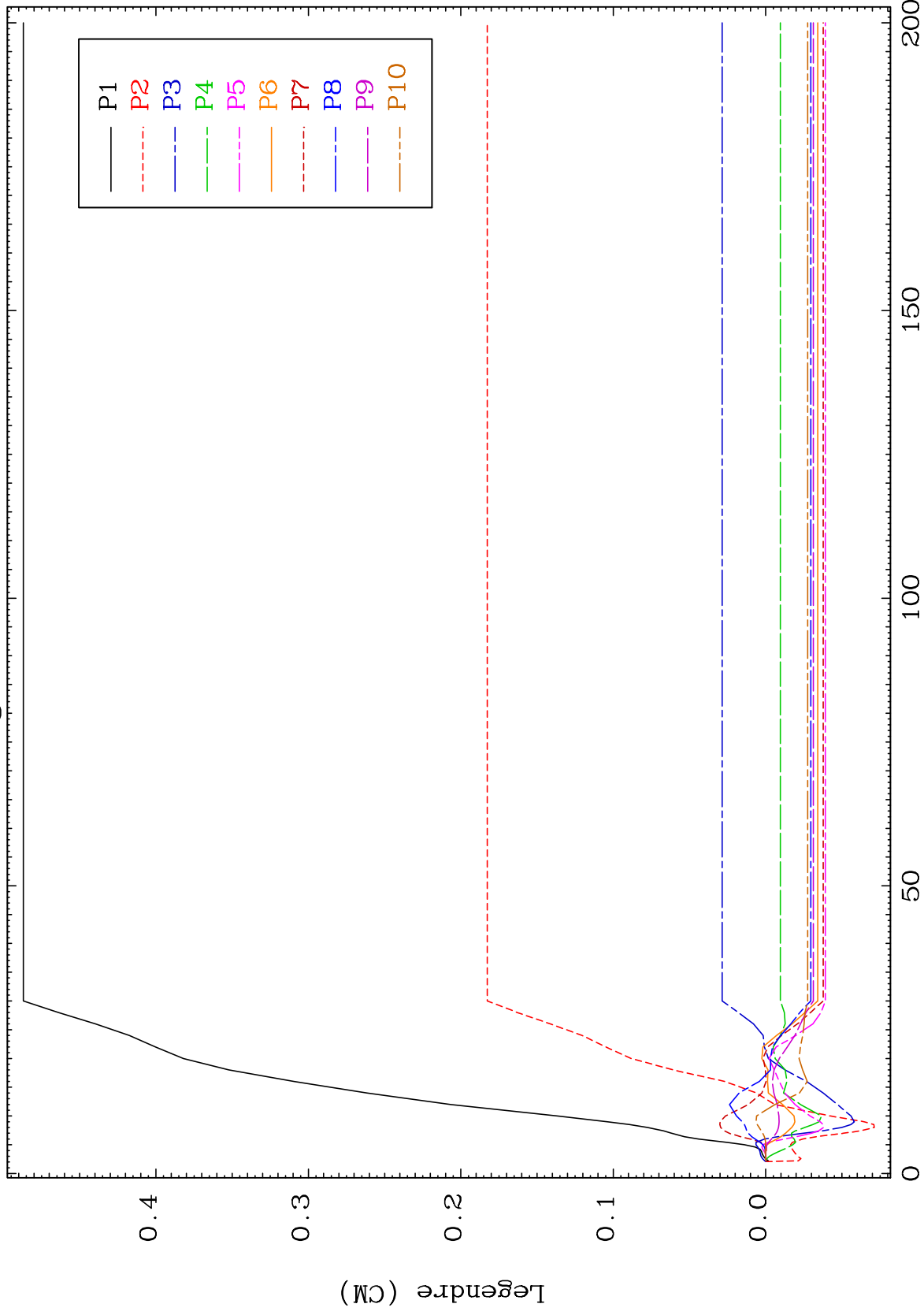
84-Po-209



MAT 8434

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

84-Po-209



76

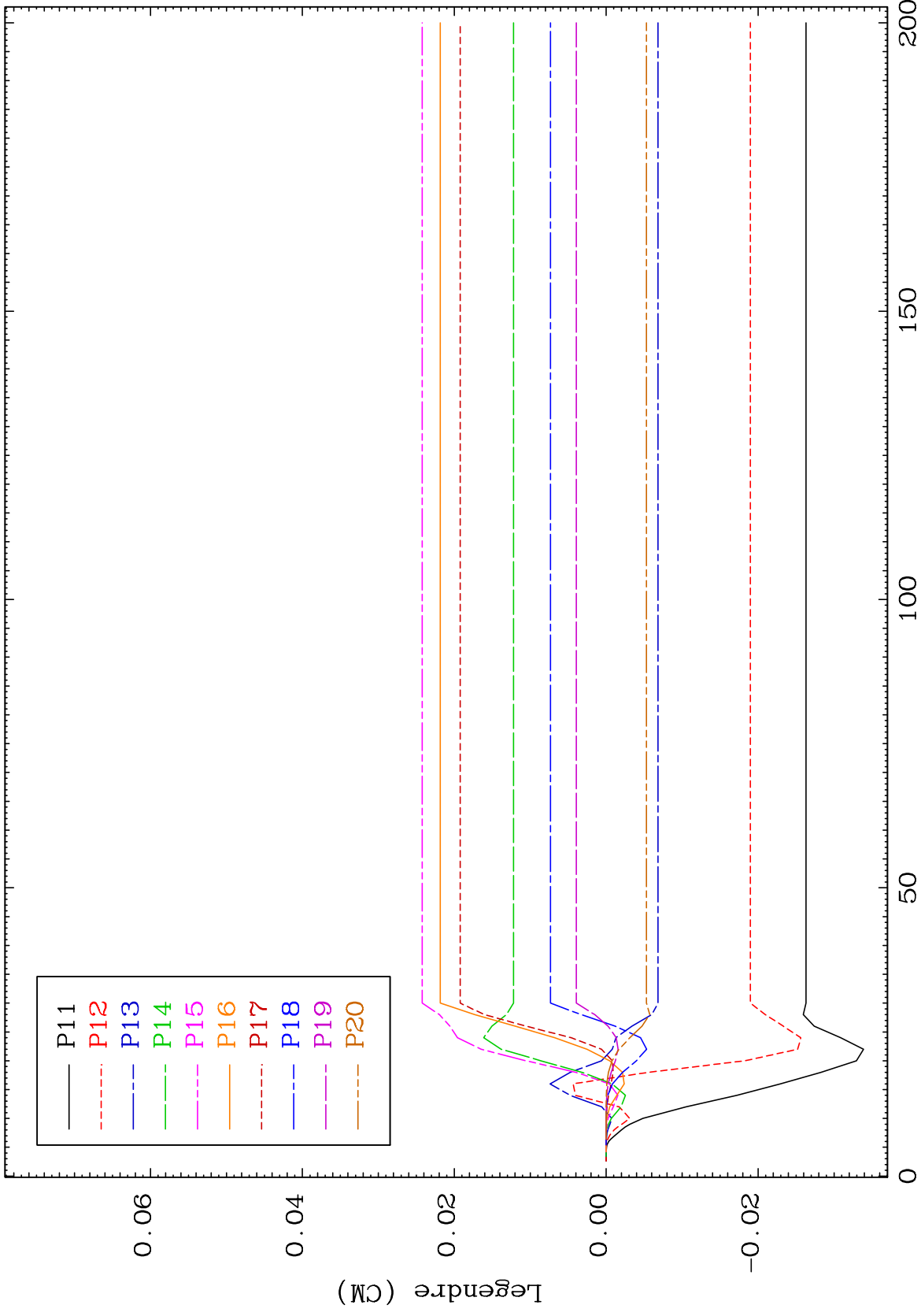
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



77

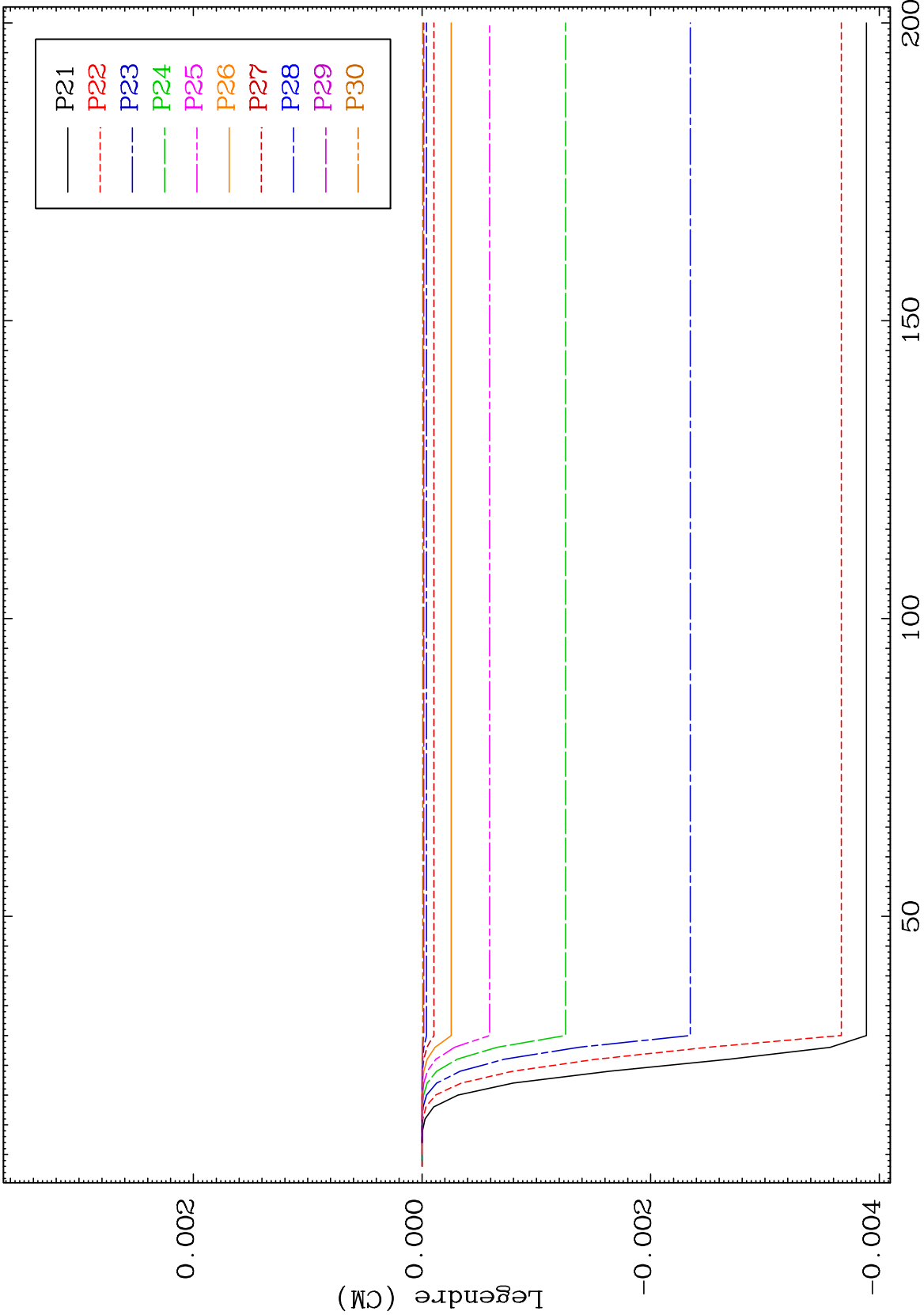
Incident Energy (MeV)

84-Po-209

MAT 8434

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

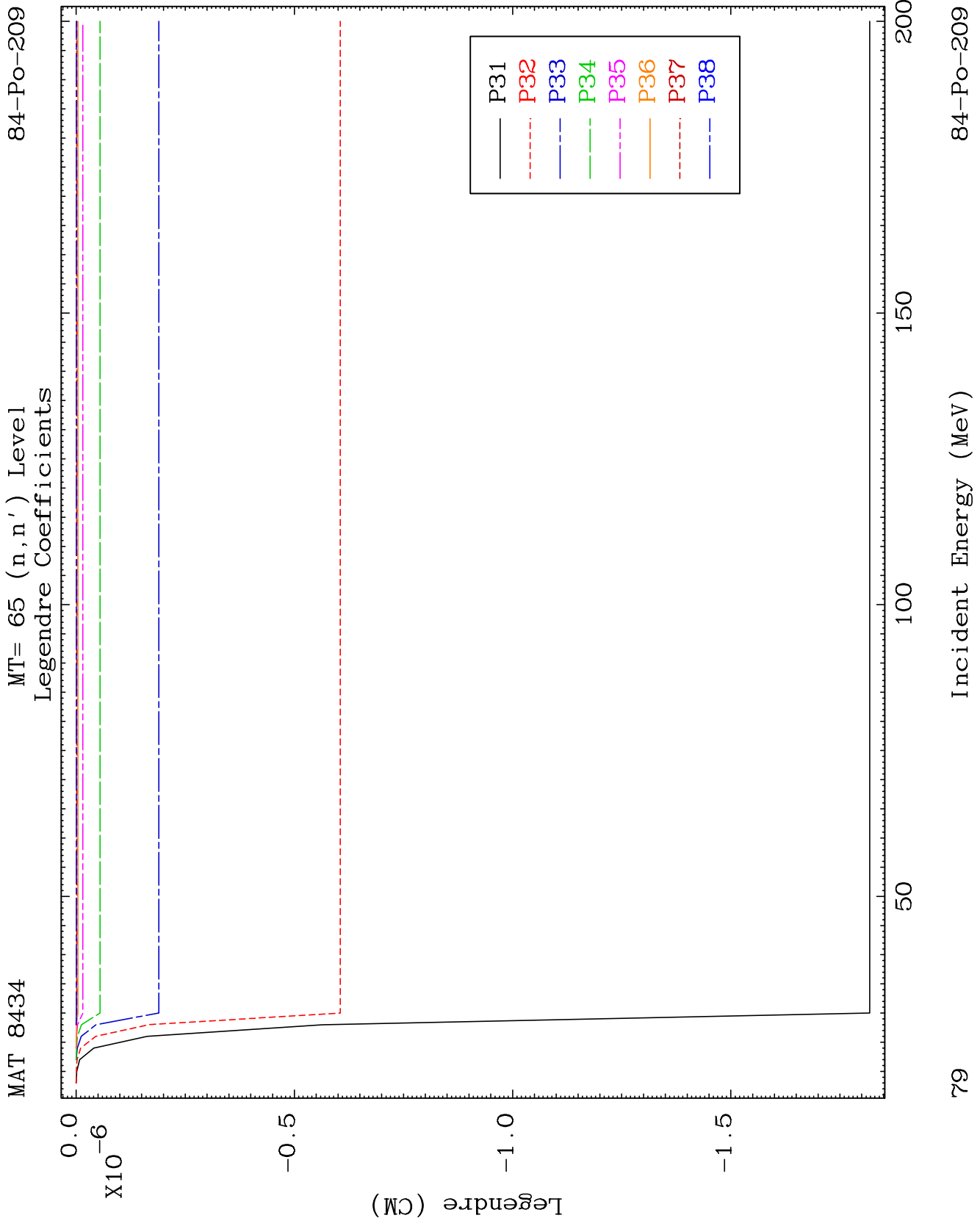
84-Po-209



78

Incident Energy (MeV)

84-Po-209

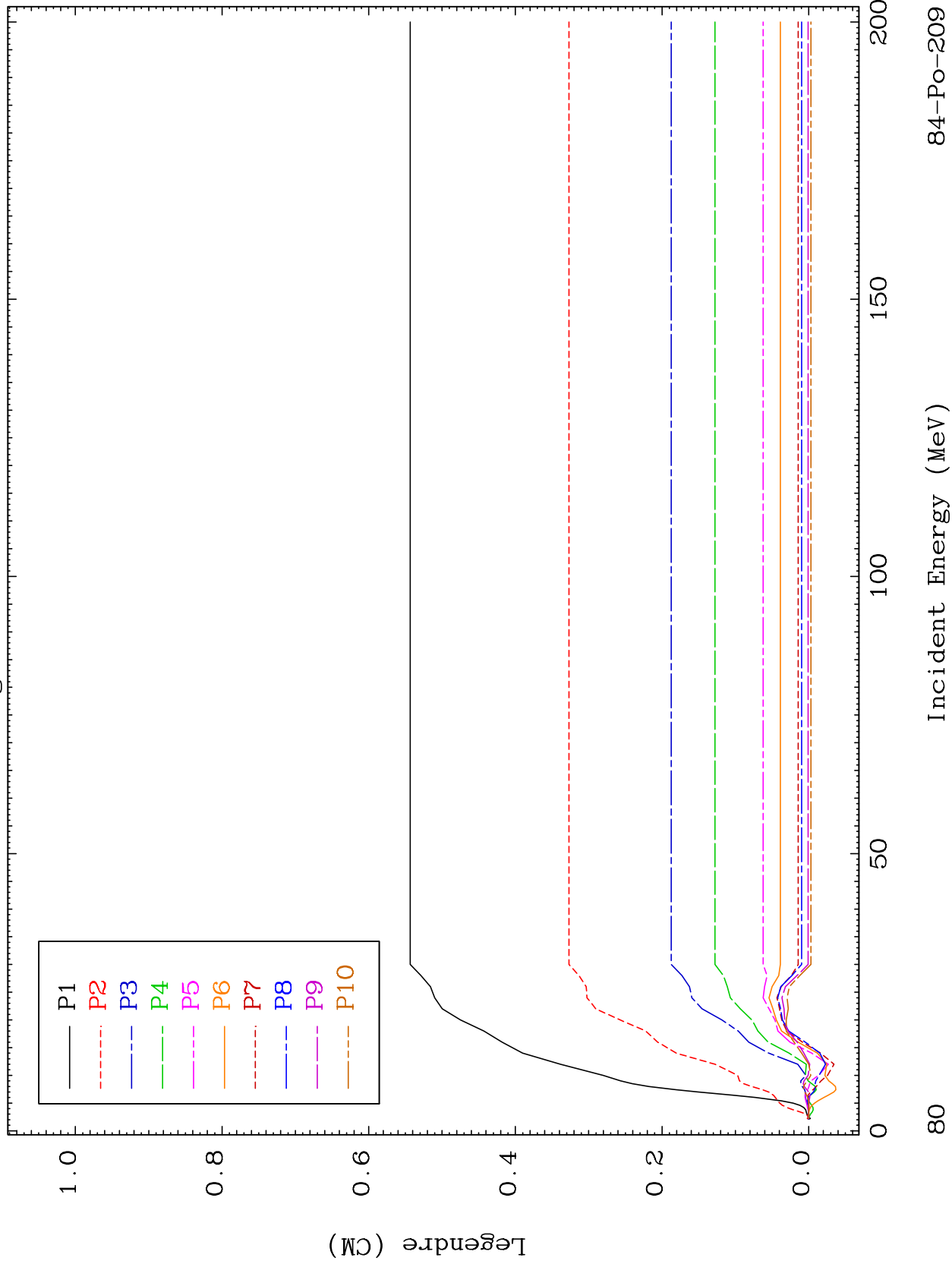




MAT 8434

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

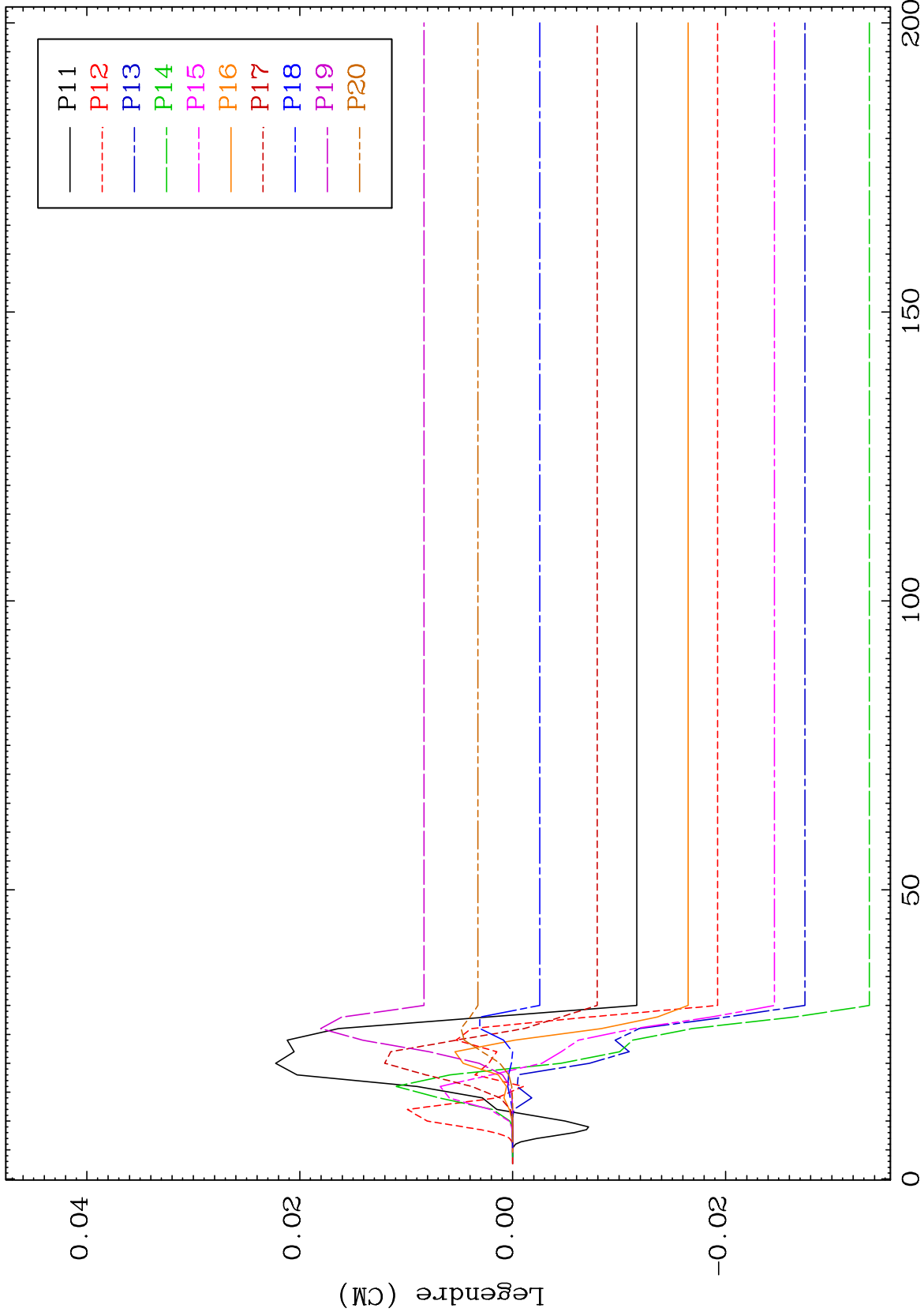
84-Po-209



MAT 8434

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

84-Po-209



81

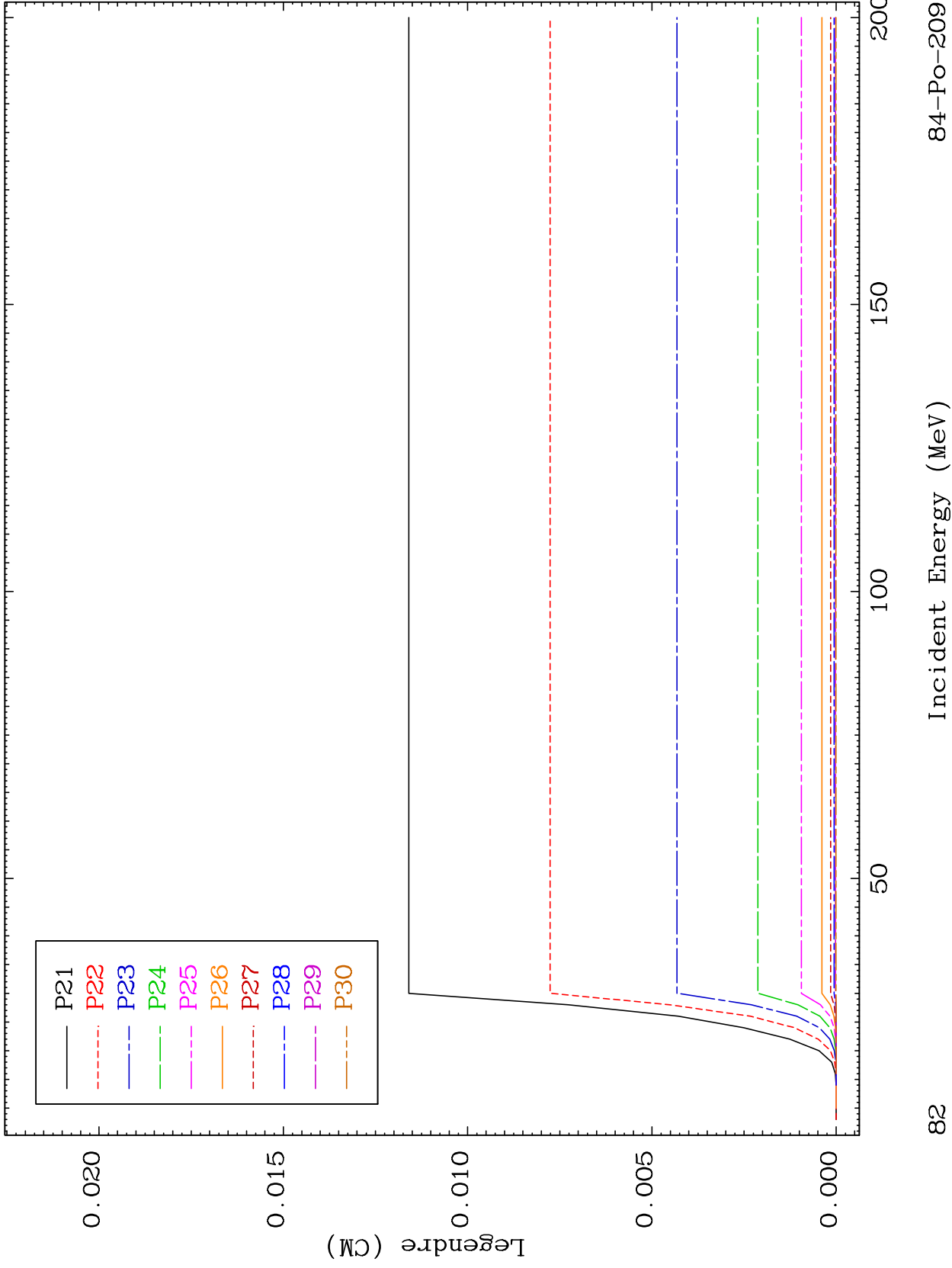
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



82

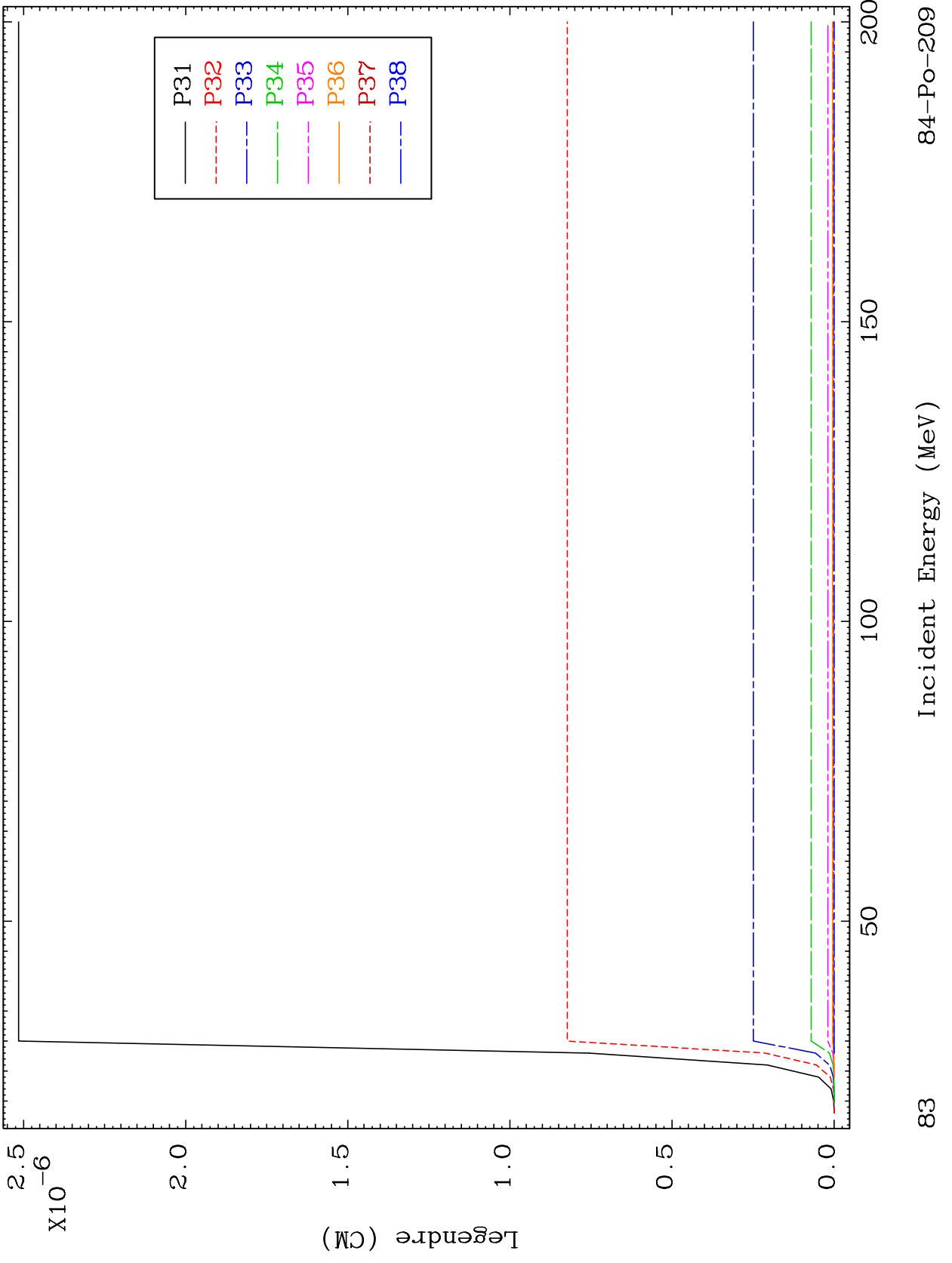
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



83

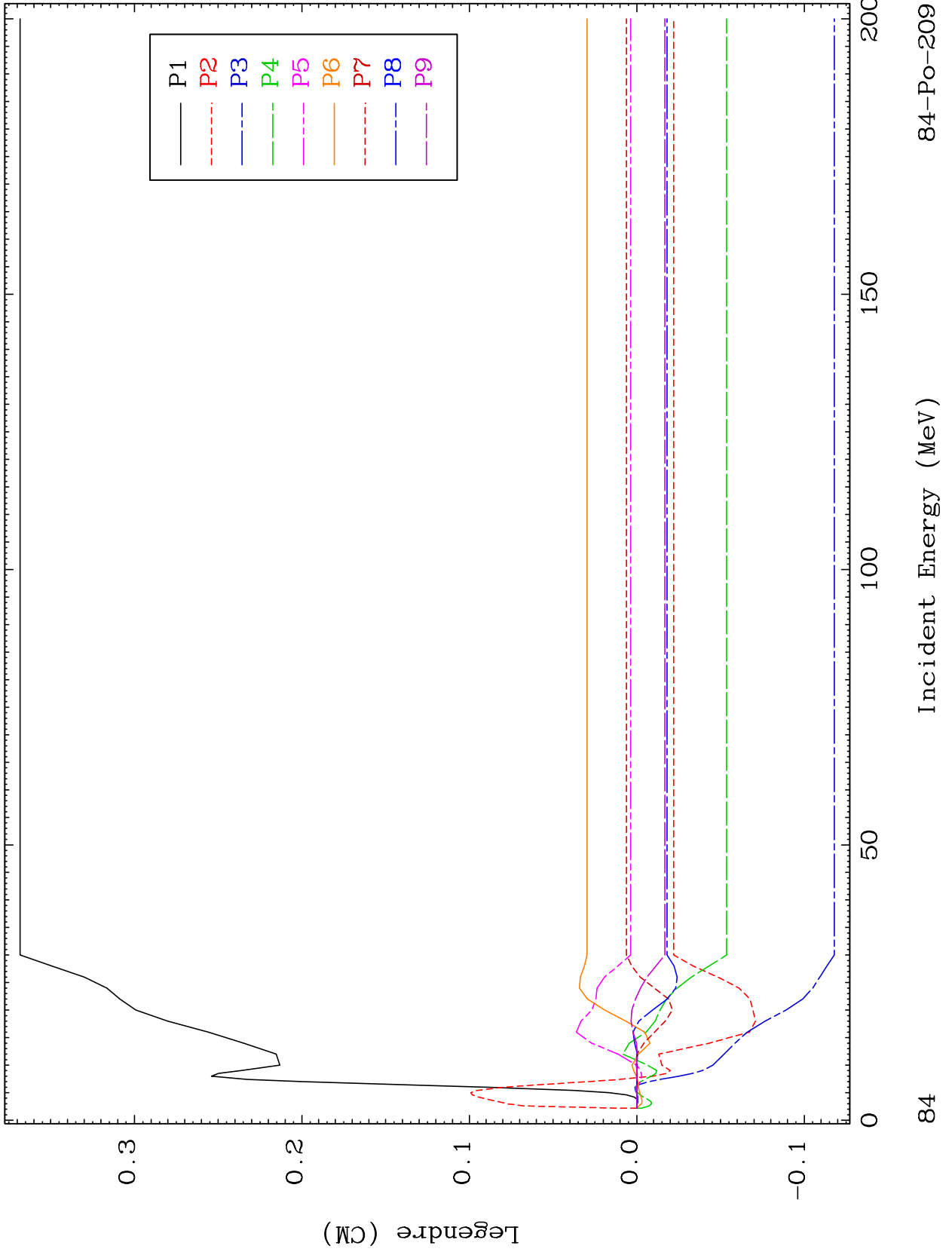
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



84

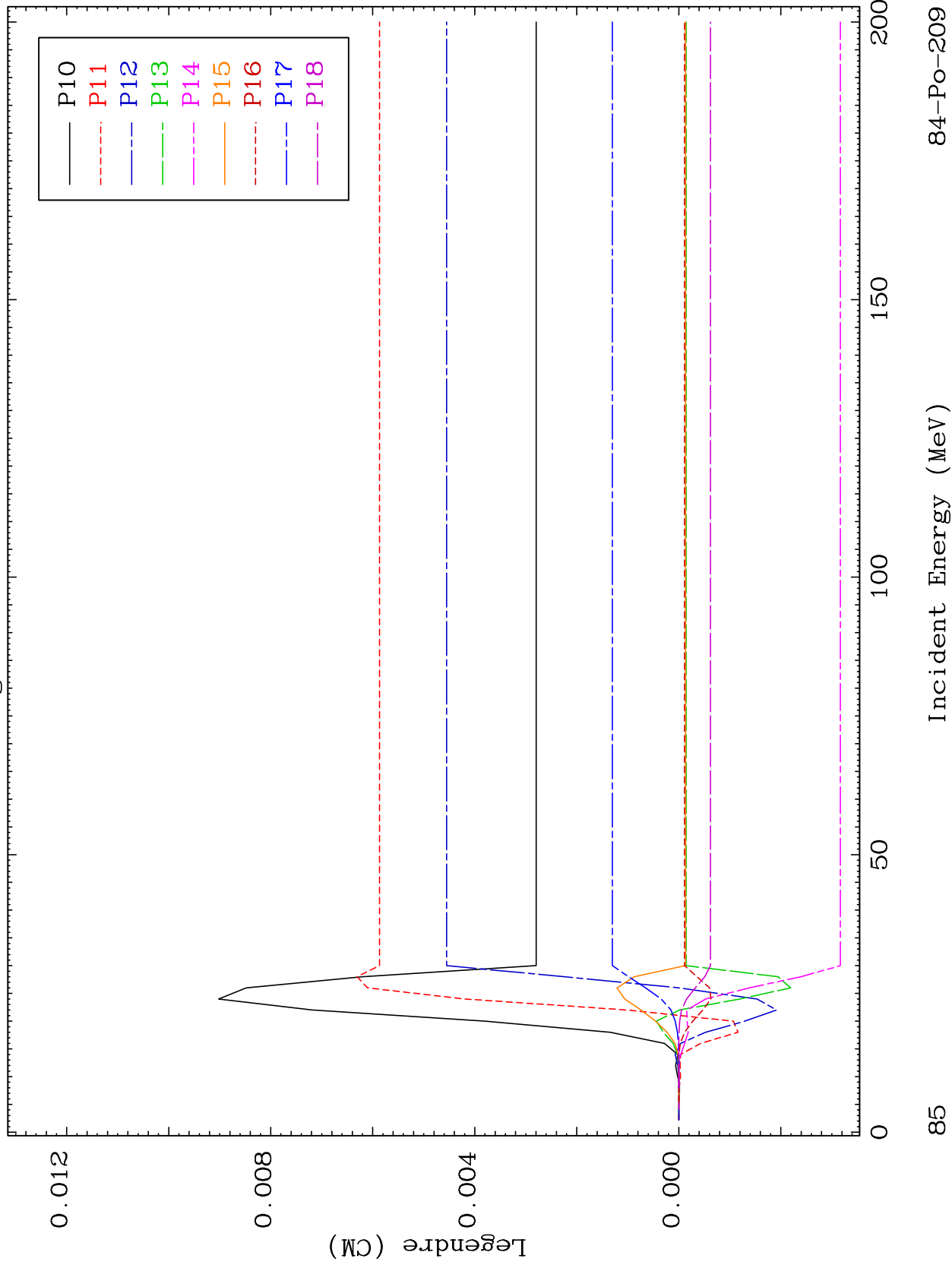
Incident Energy (MeV)

84-Po-209

MAT 8434

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

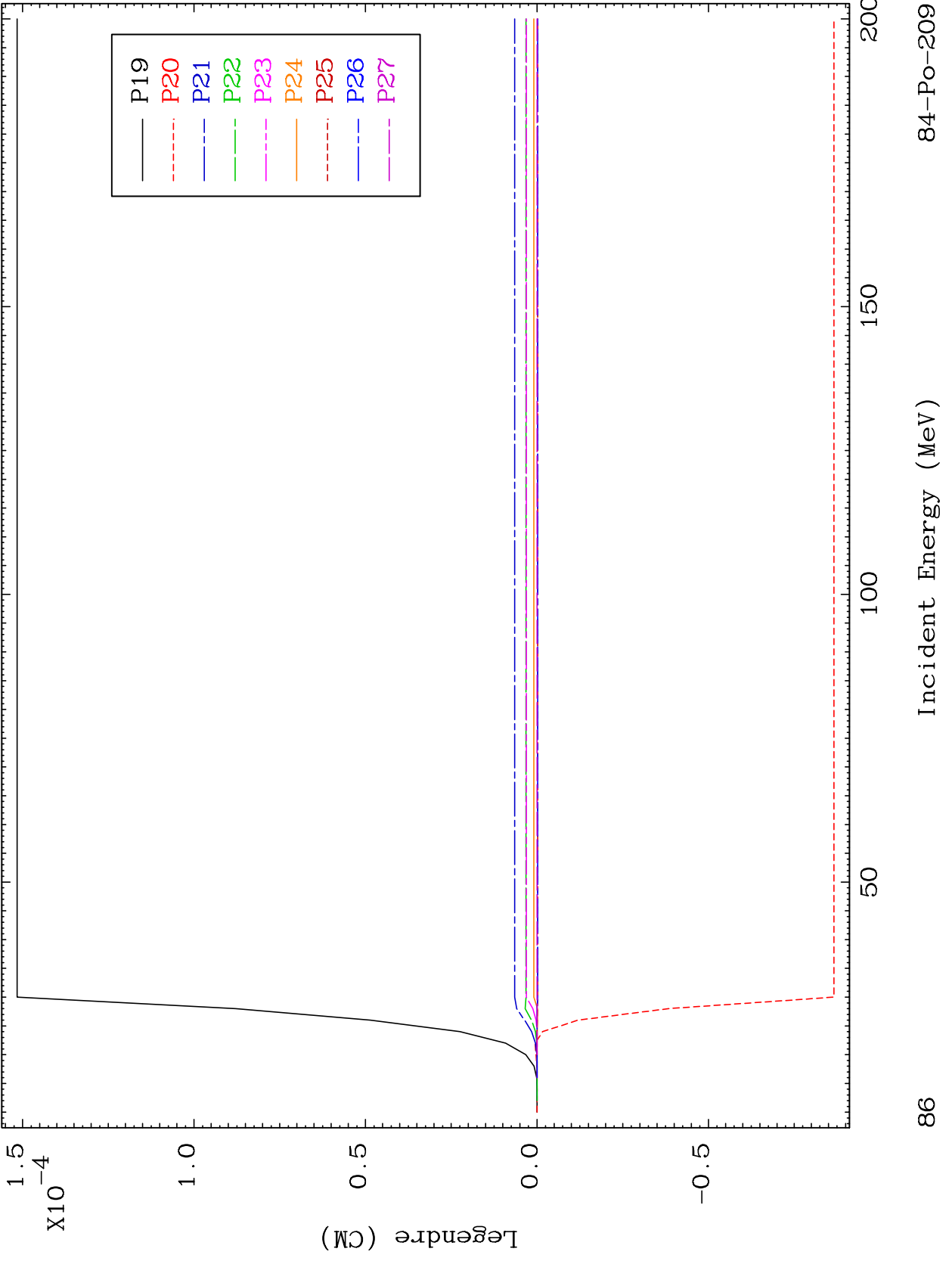
84-Po-209



85

Incident Energy (MeV)

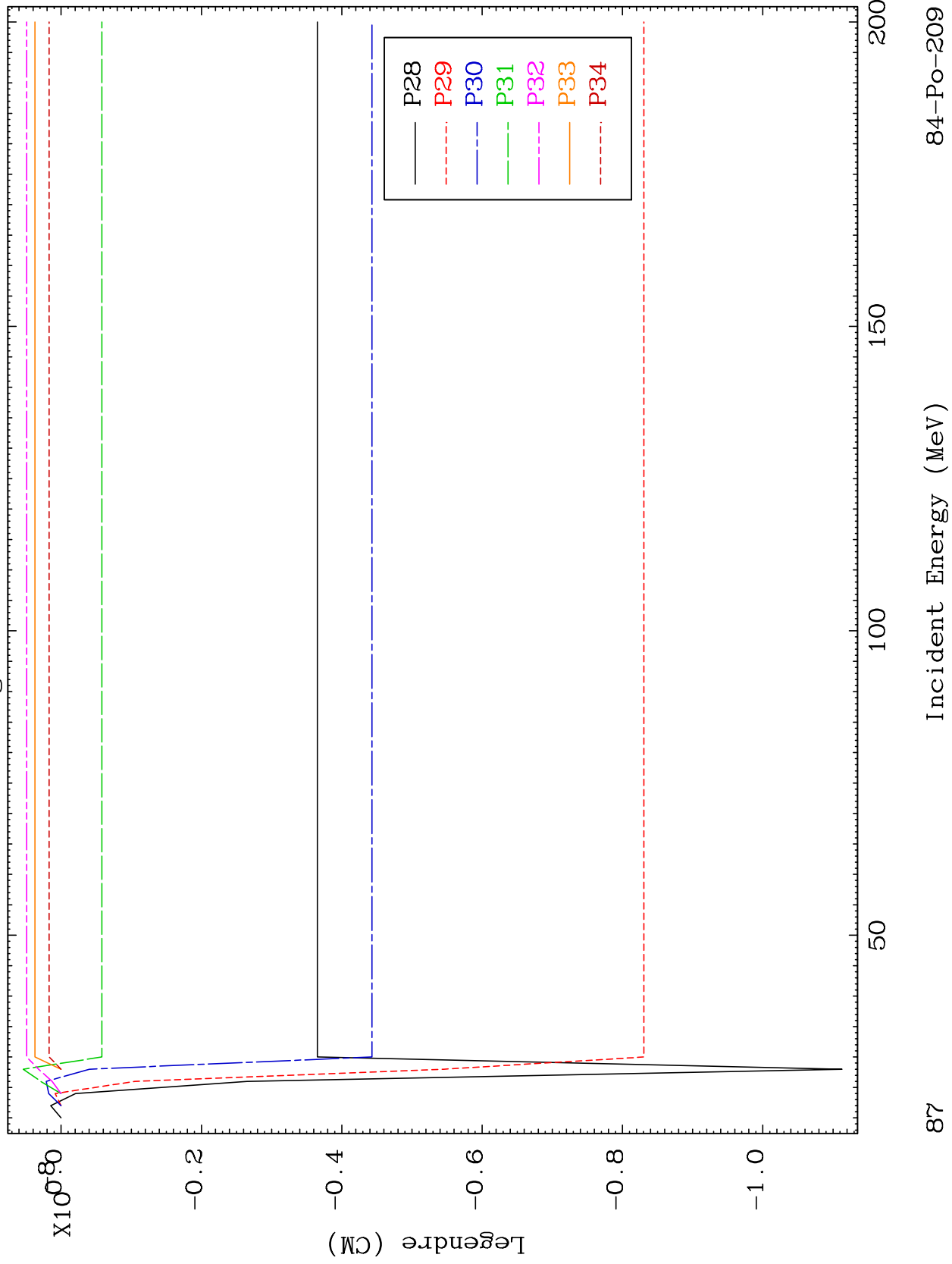
84-Po-209



MAT 8434

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

84-Po-209



87

Incident Energy (MeV)

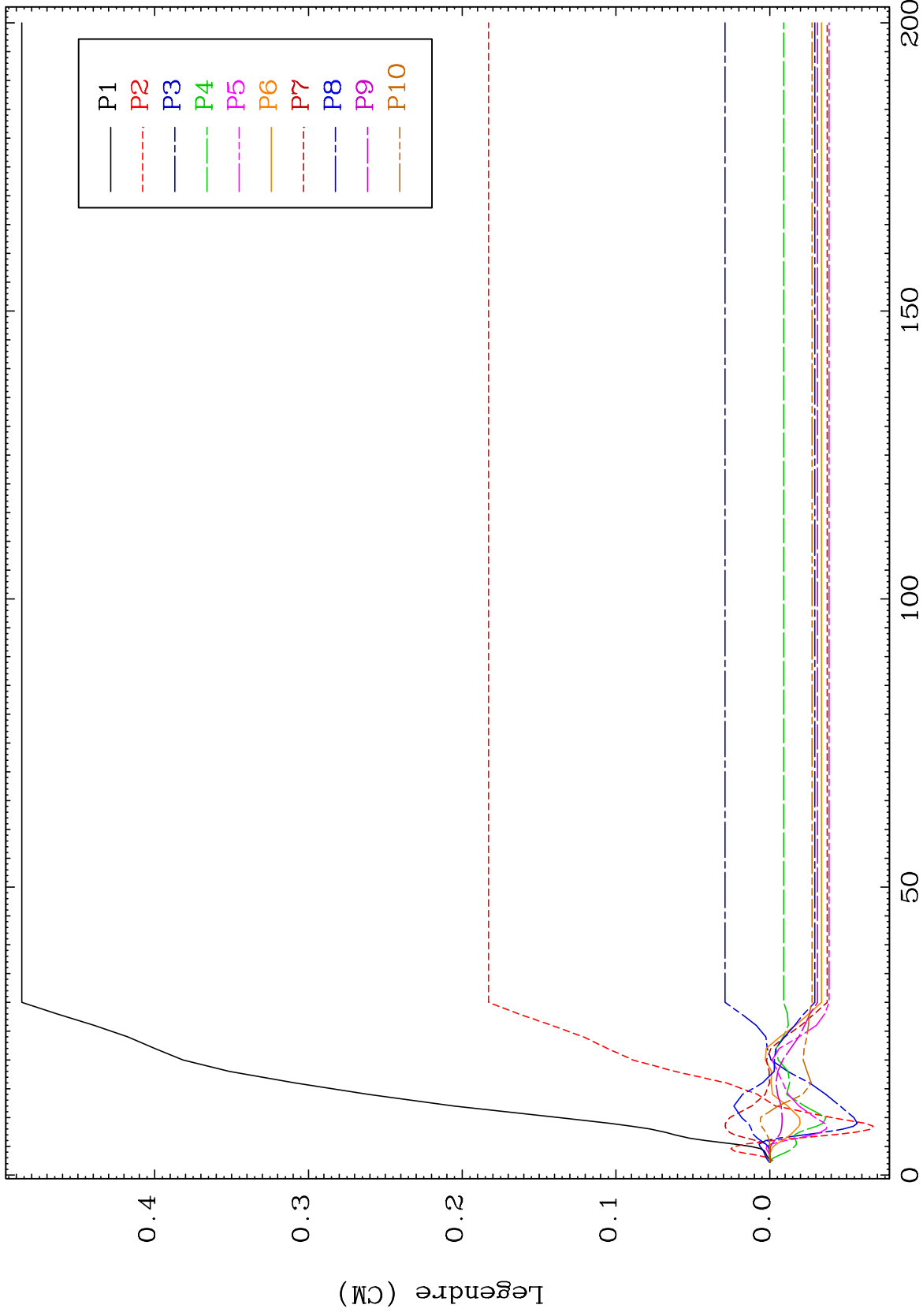
84-Po-209



MAT 8434

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

84-Po-209



88

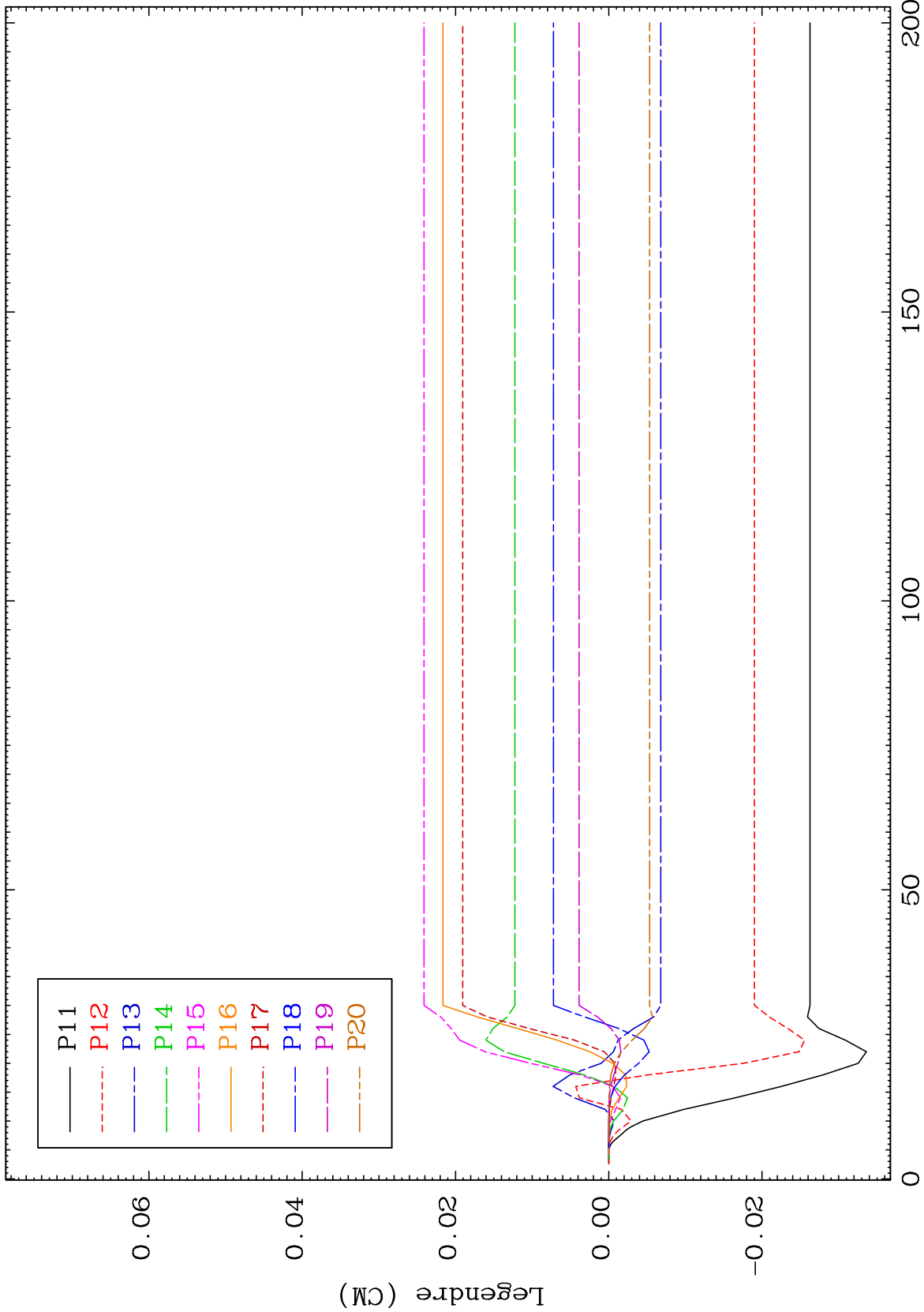
84-Po-209

84-Po-209

MAT 8434

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

84-Po-209



89

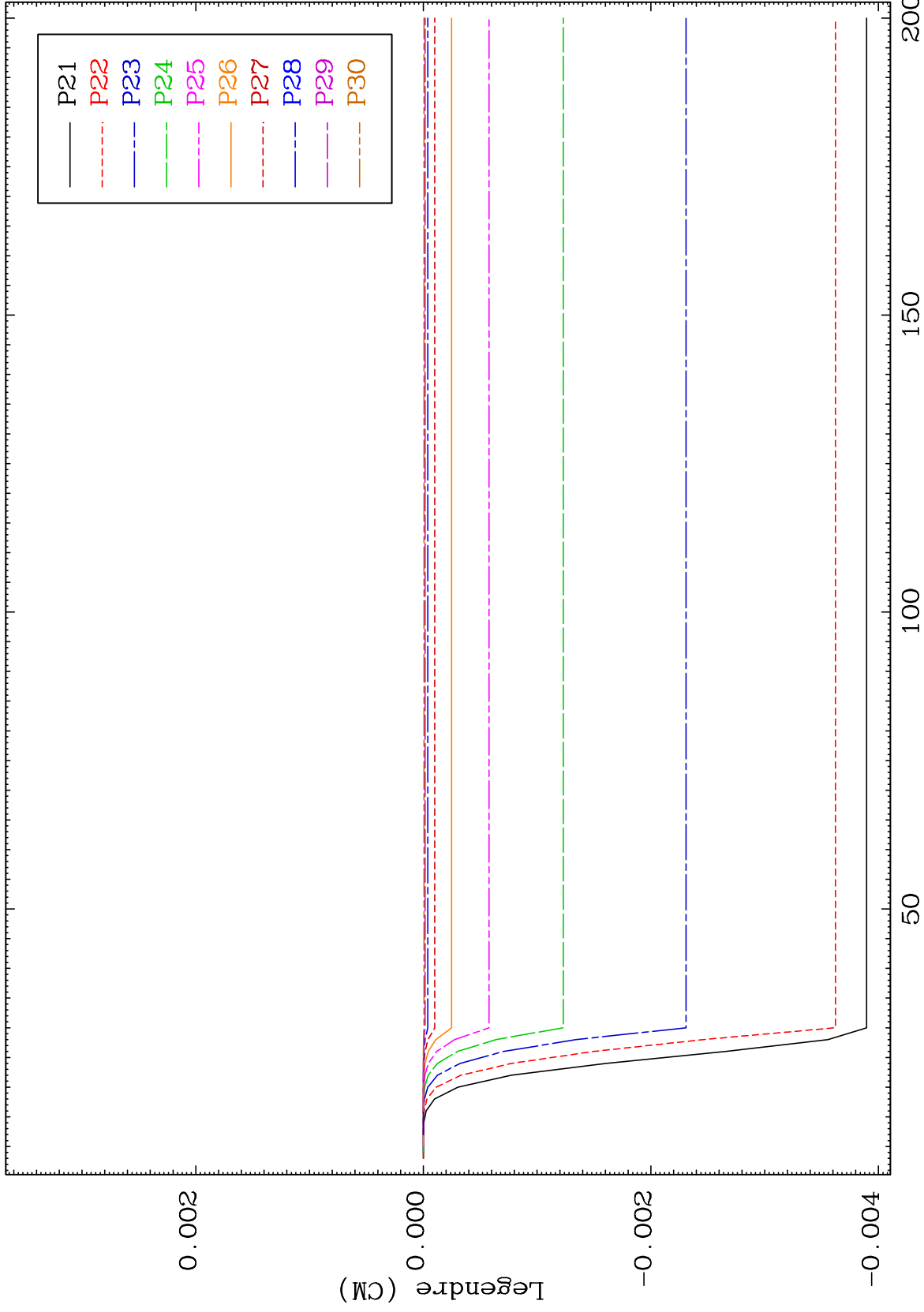
Incident Energy (MeV)

84-Po-209

MAT 8434

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

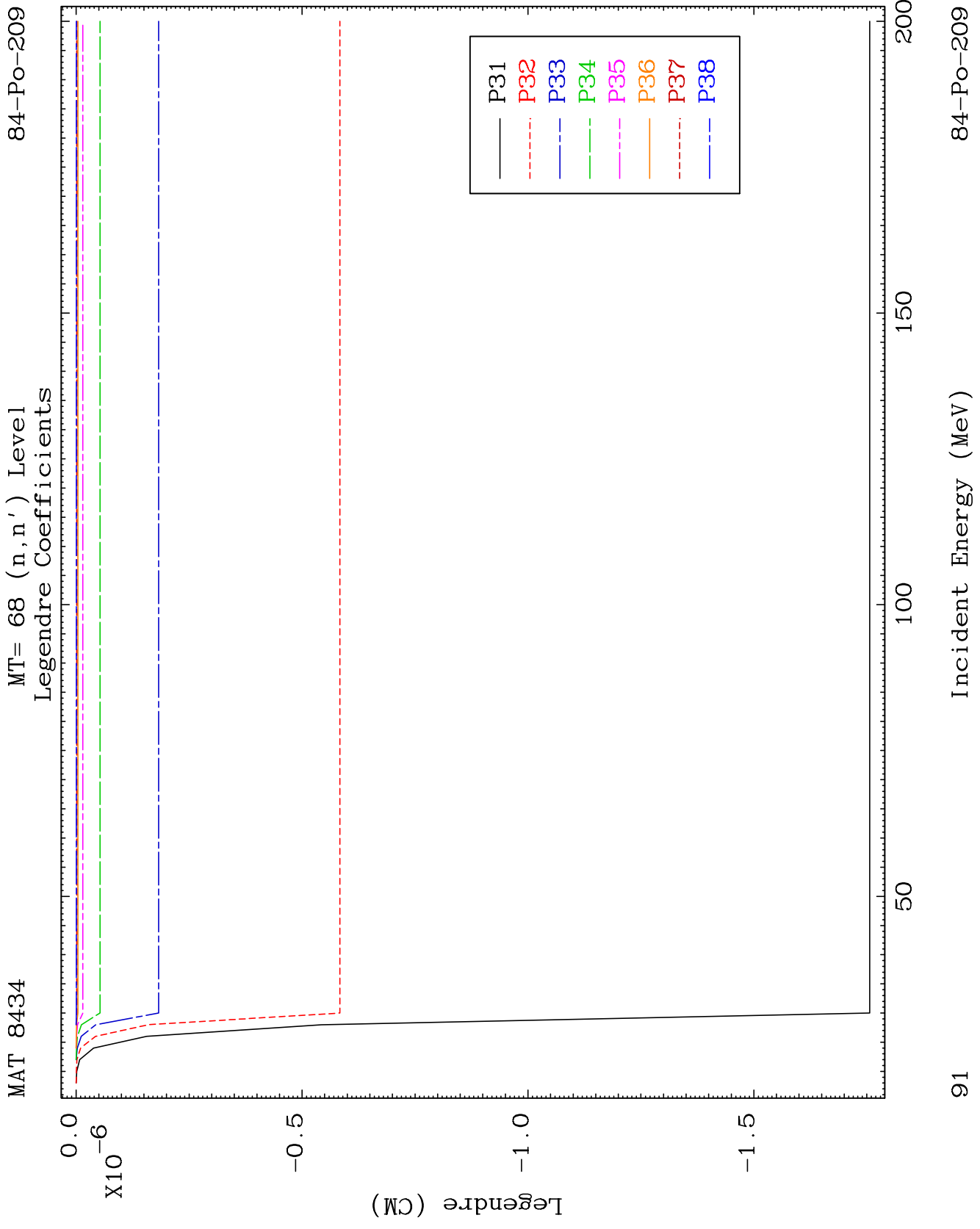
84-Po-209



90

Incident Energy (MeV)

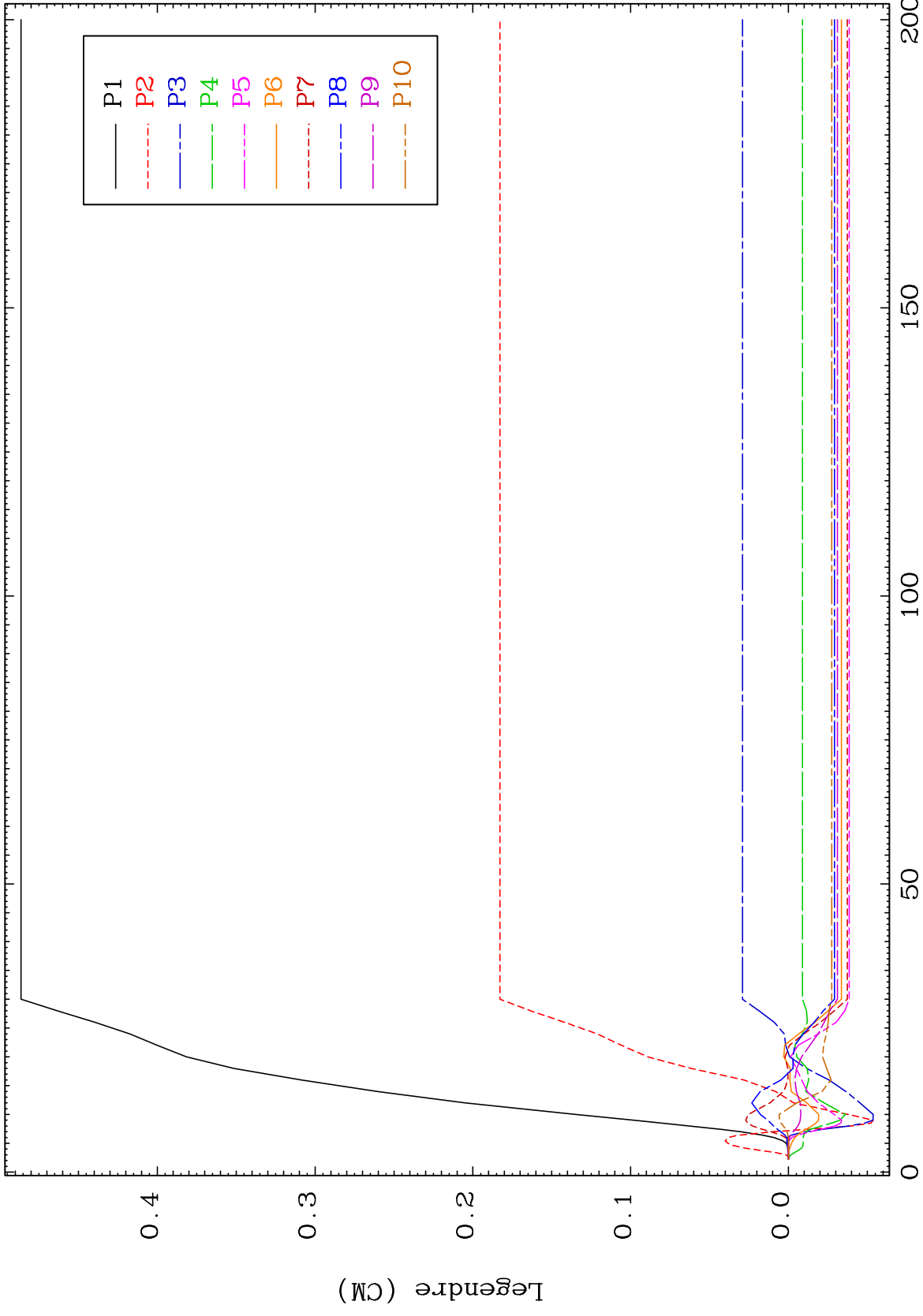
84-Po-209



MAT 8434

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

84-Po-209



92

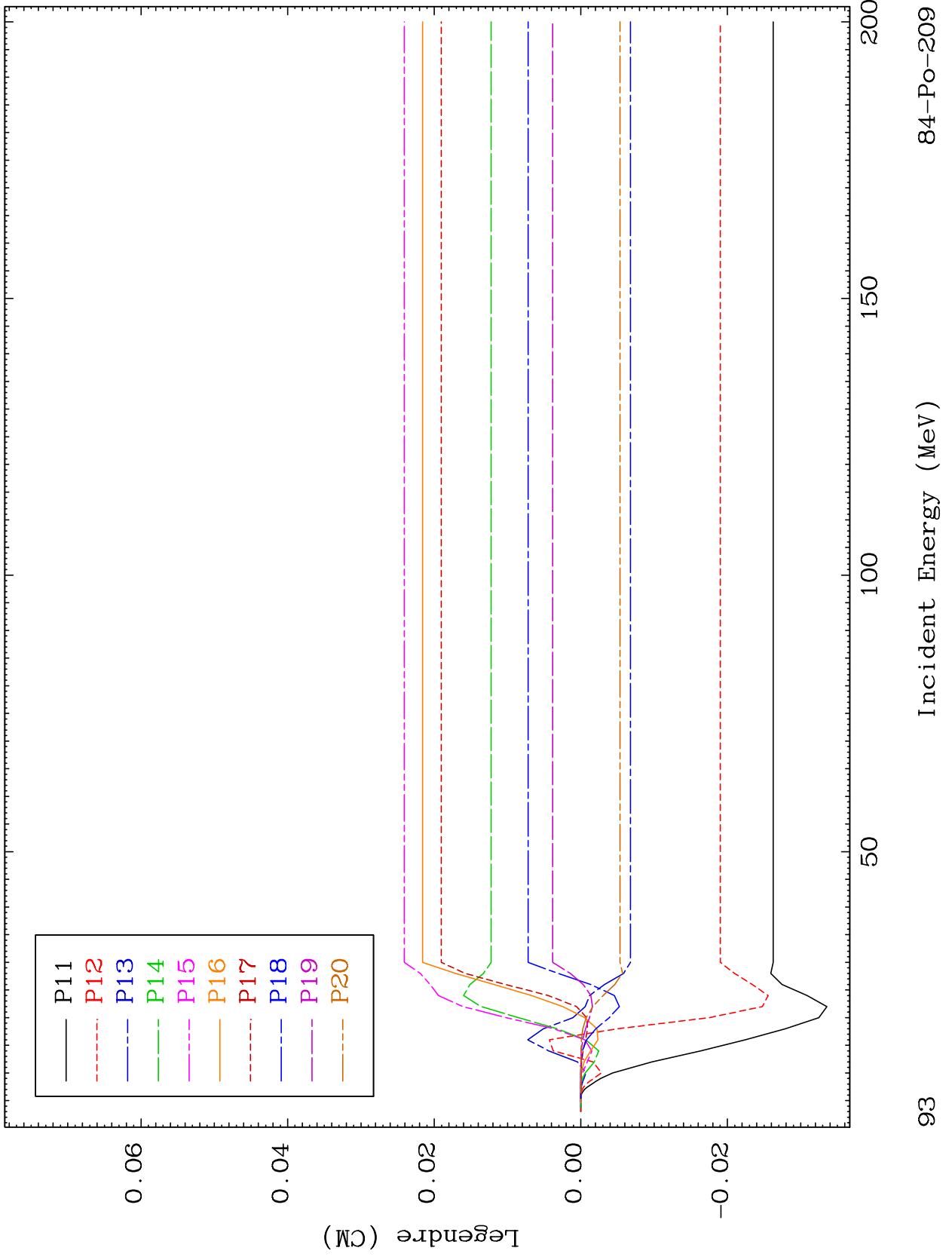
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



93

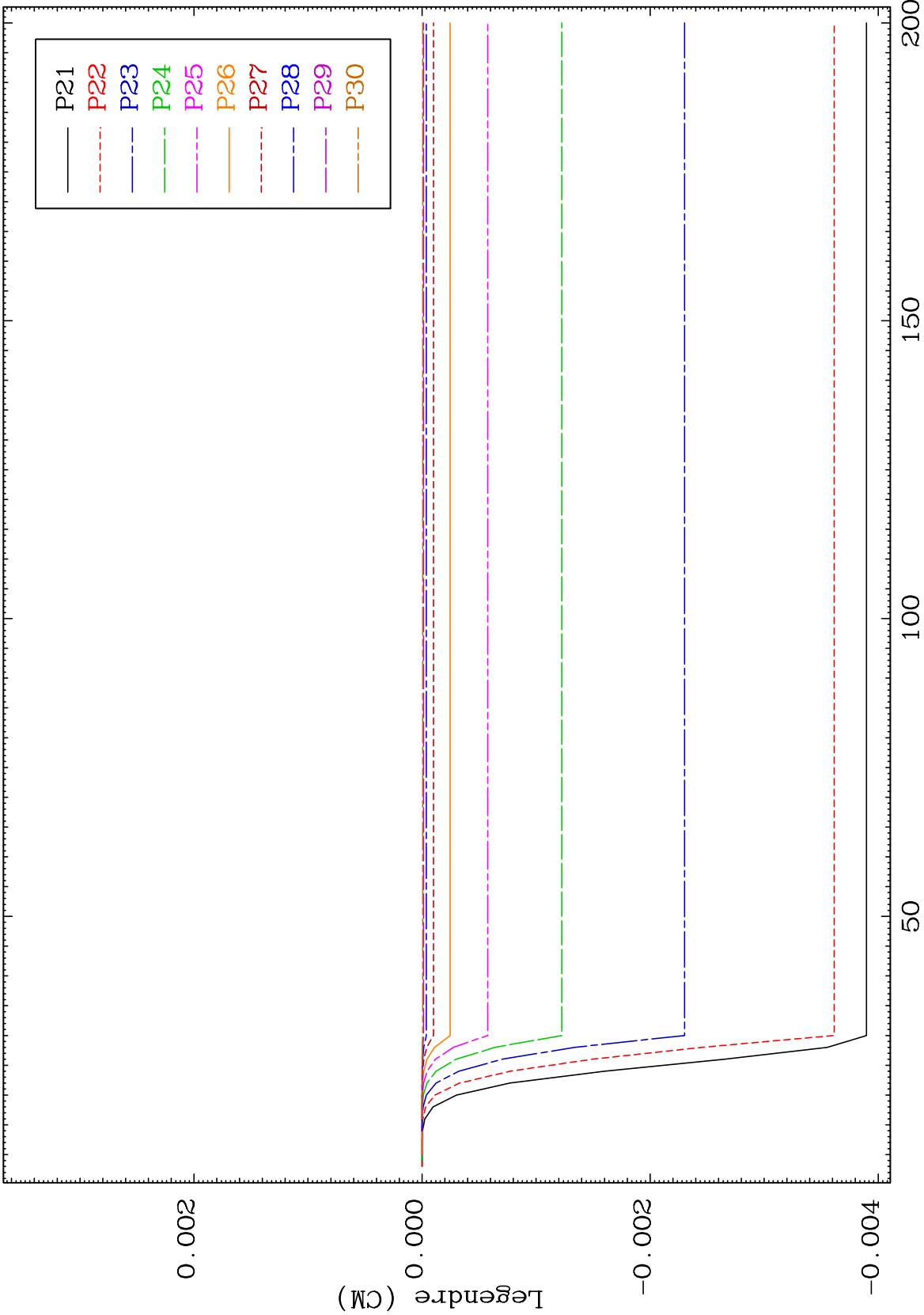
Incident Energy (MeV)

84-Po-209

MAT 8434

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

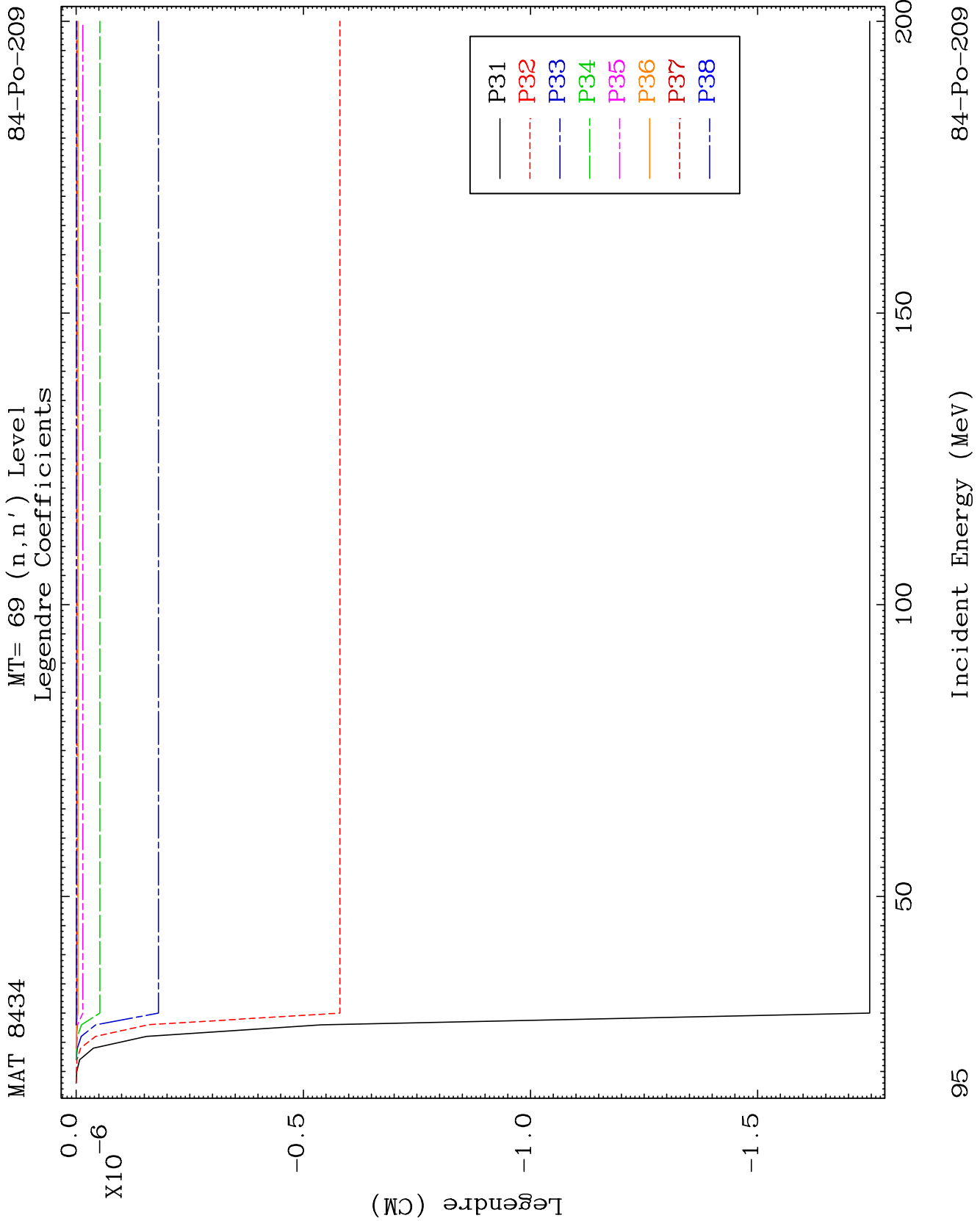
84-Po-209



94

Incident Energy (MeV)

84-Po-209

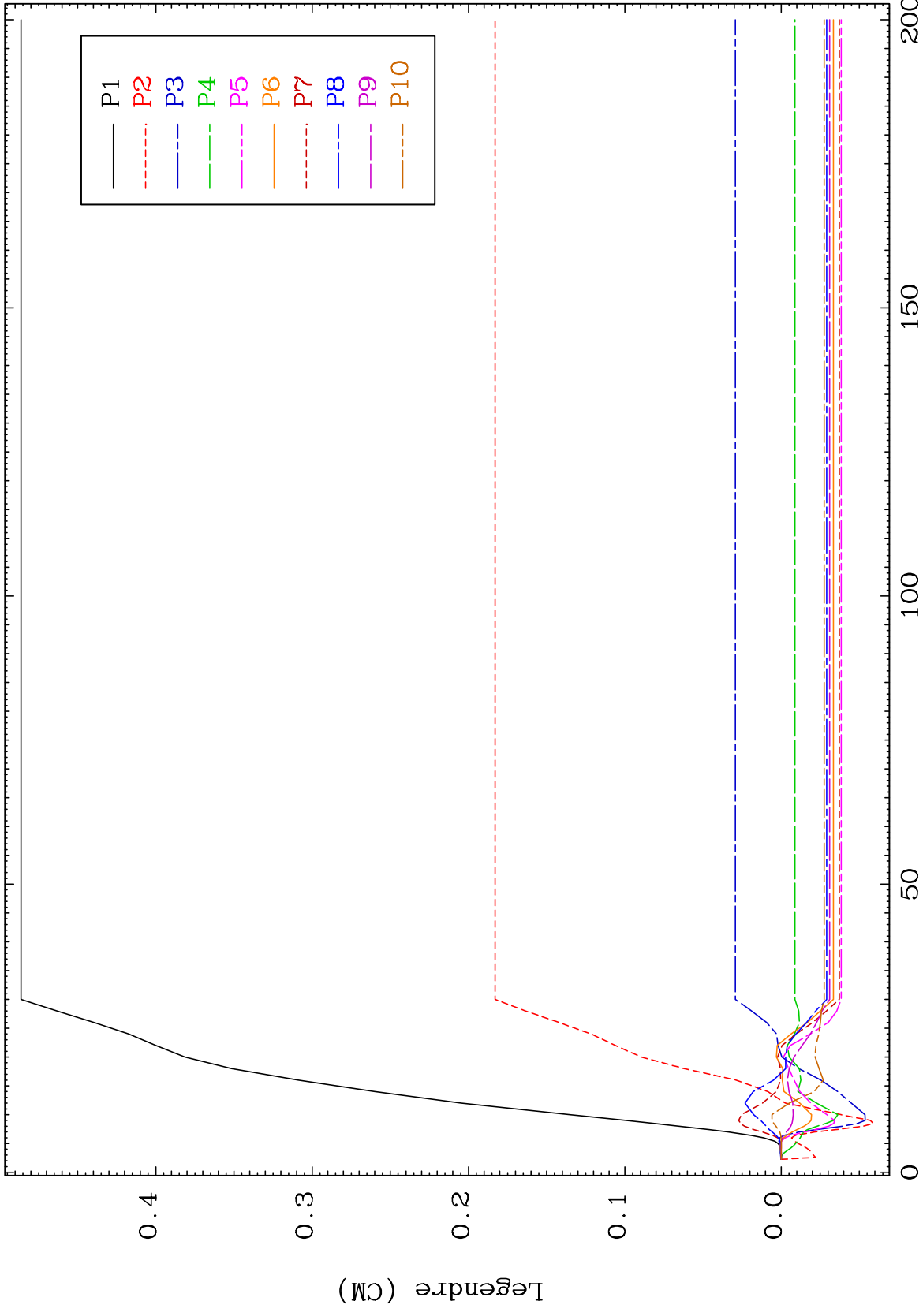




MAT 8434

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

84-Po-209



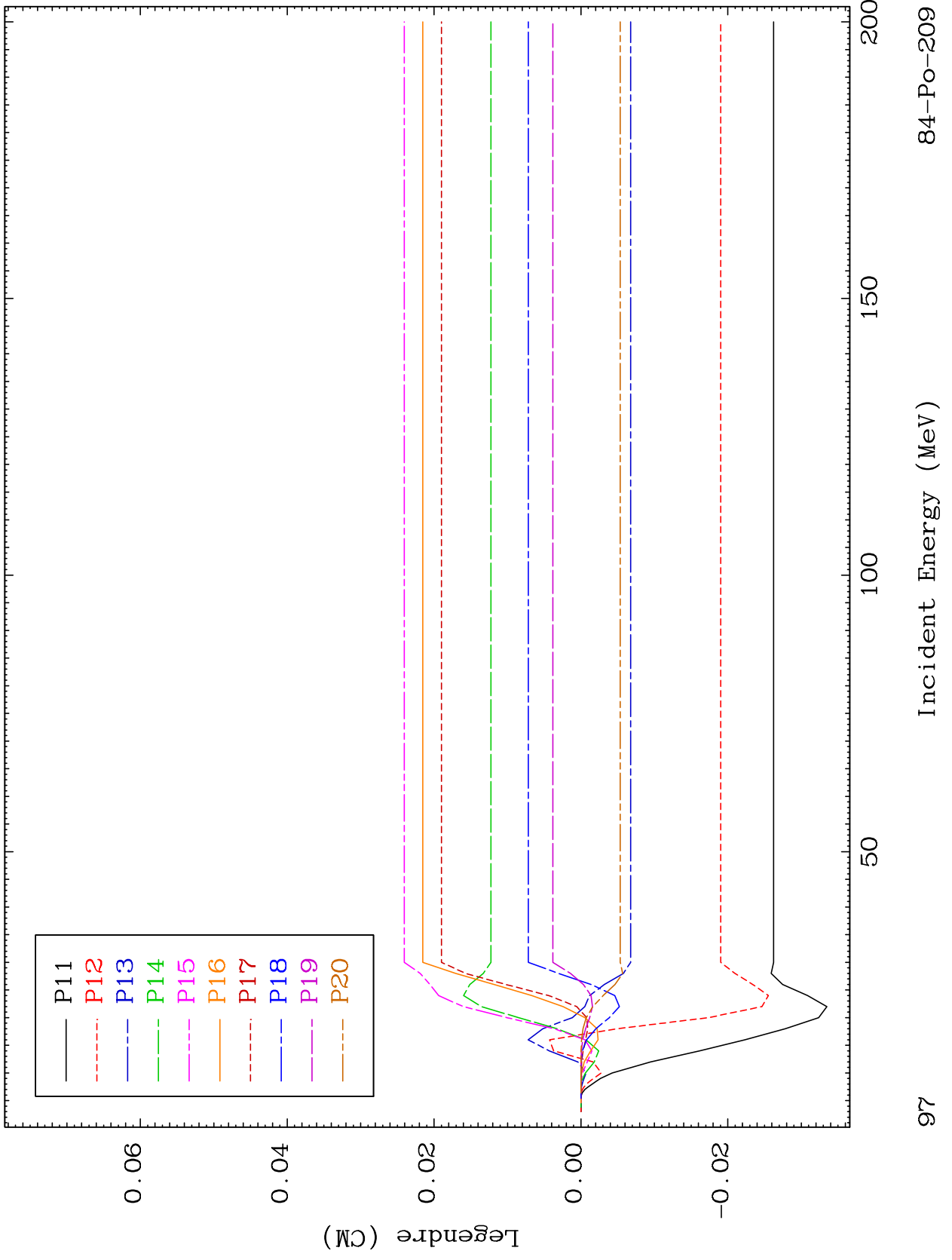
96

84-Po-209

MAT 8434

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

84-Po-209



97

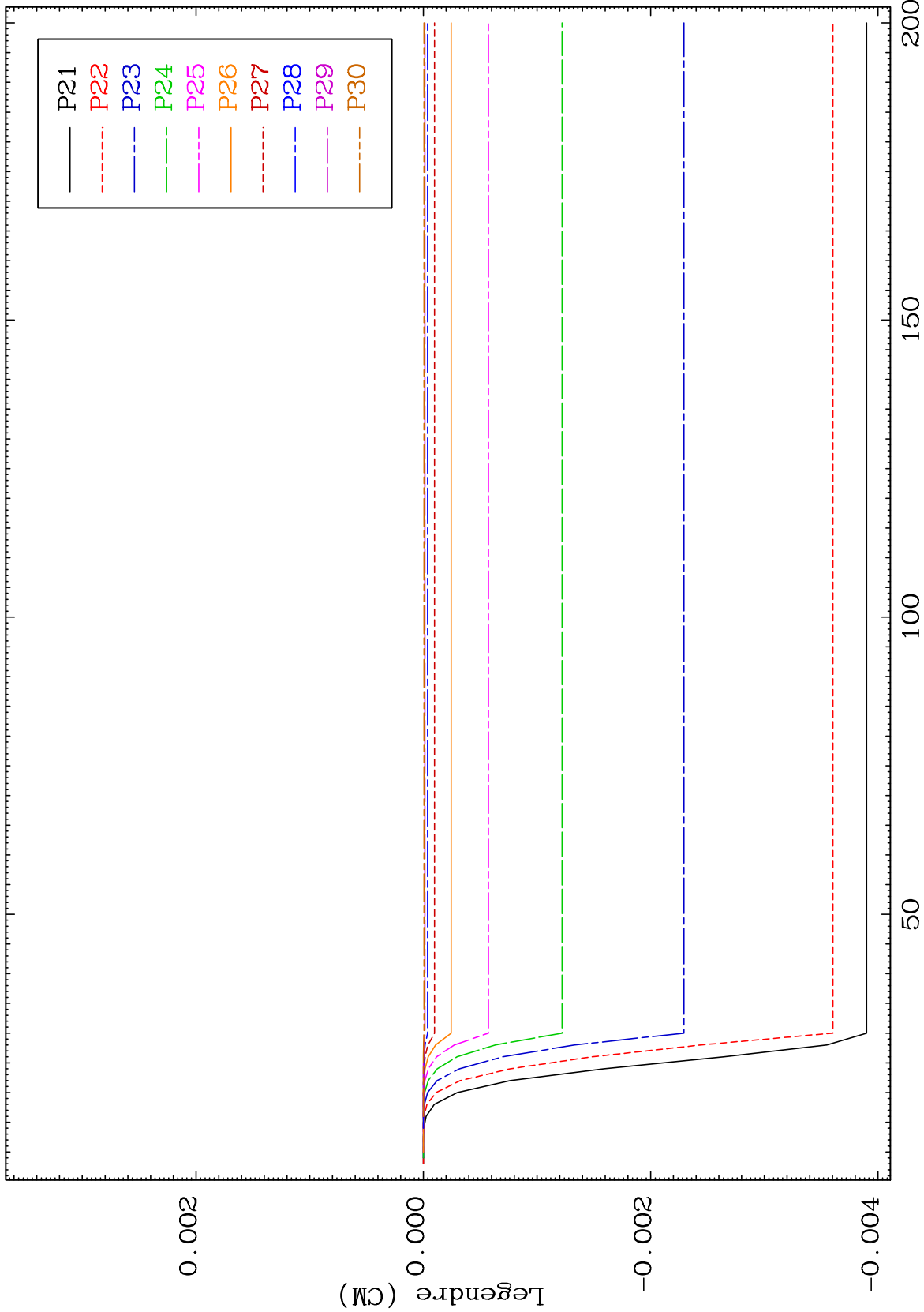
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



98

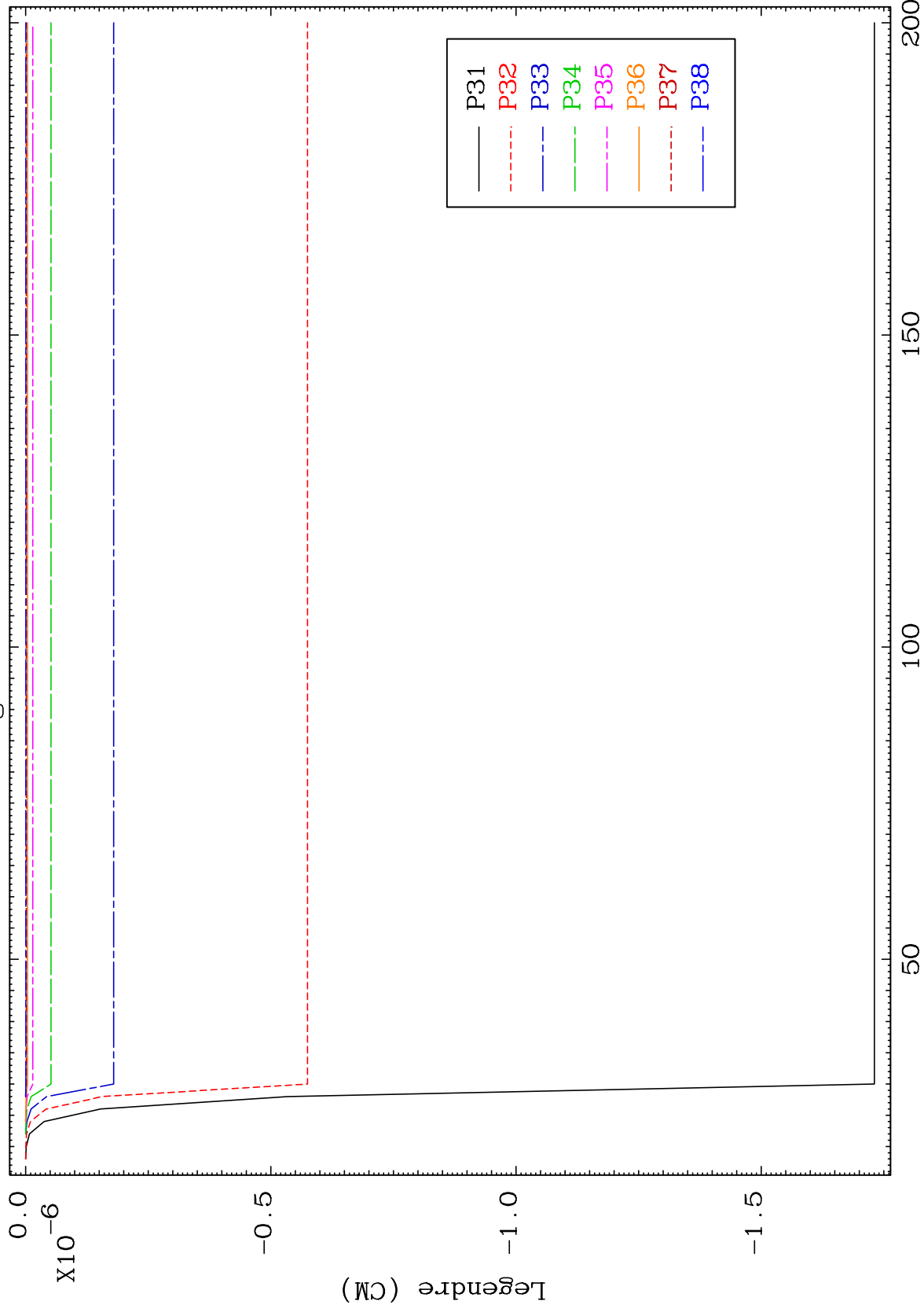
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



99

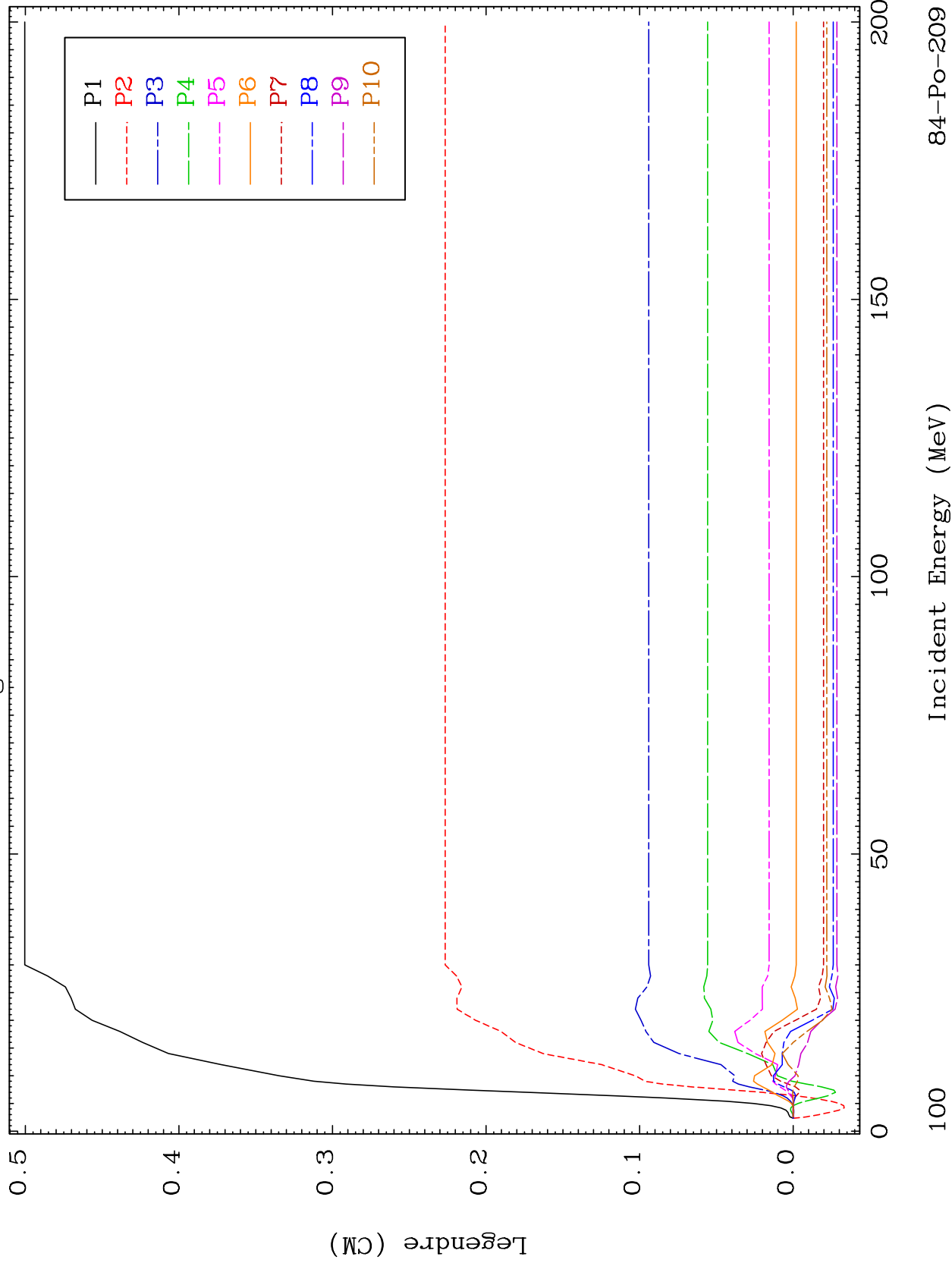
Incident Energy (MeV)

84-Po-209

MAT 8434

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

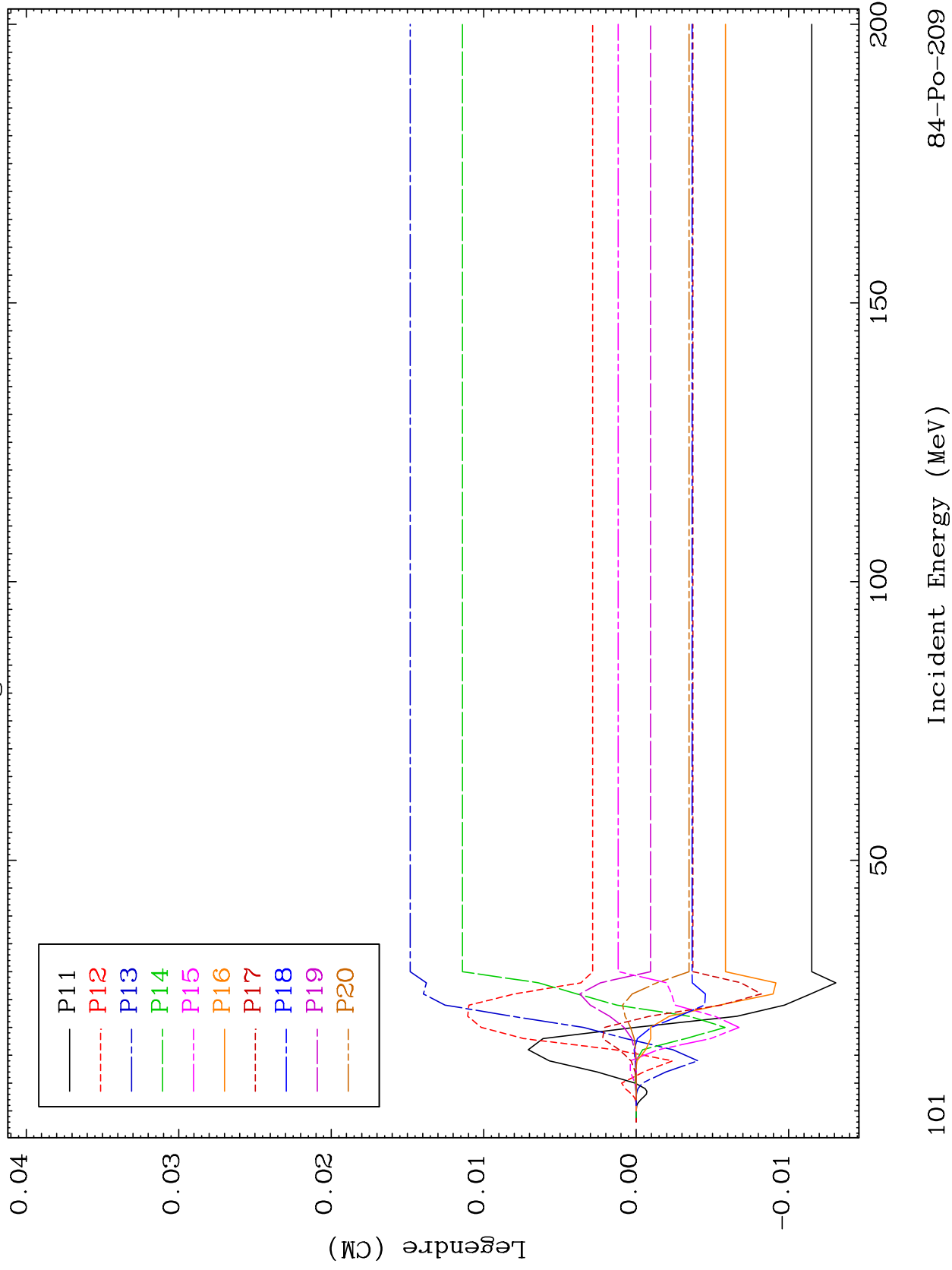
84-Po-209



MAT 8434

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

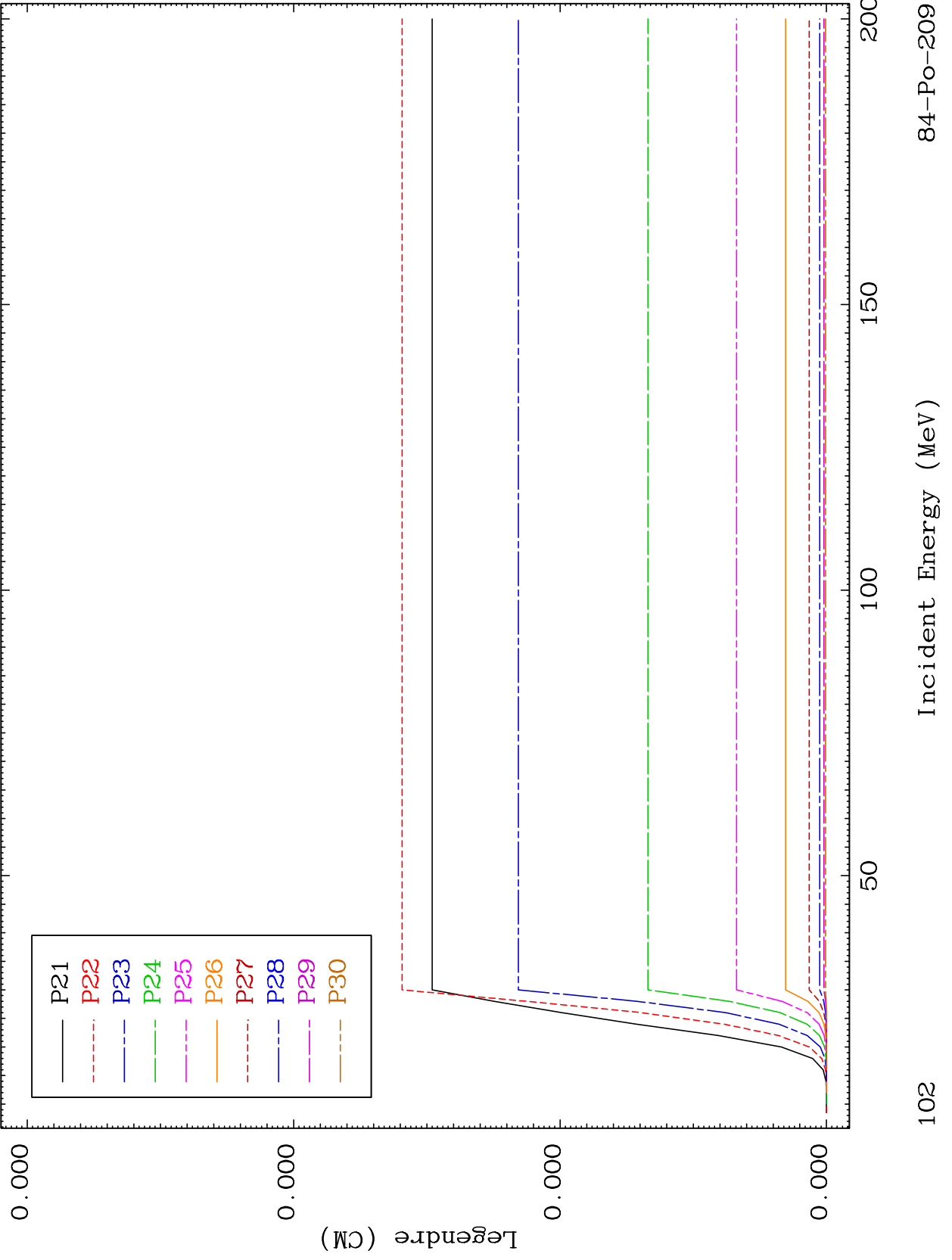
84-Po-209



MAT 8434

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

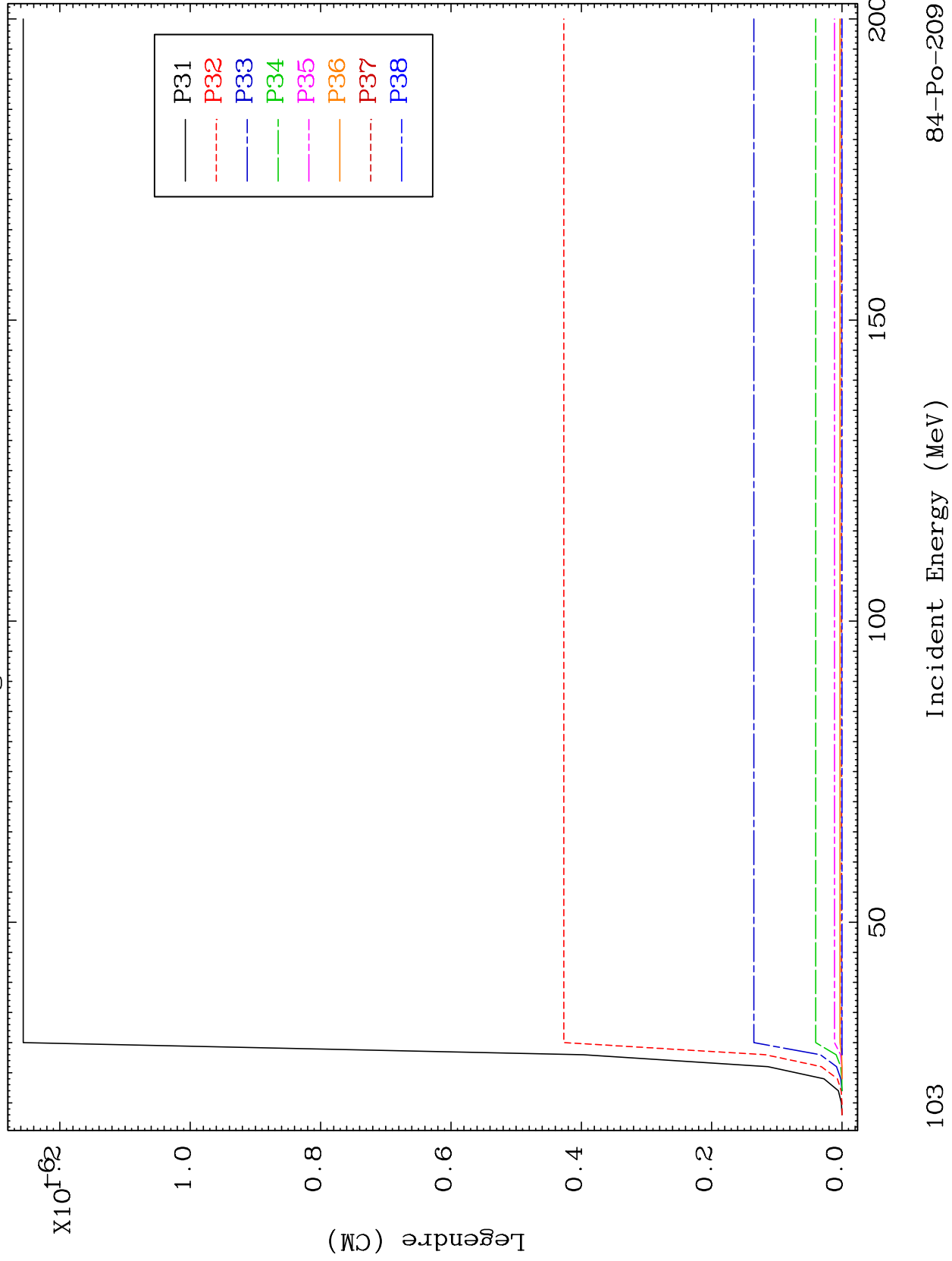
84-Po-209



MAT 8434

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

84-Po-209



103

Incident Energy (MeV)

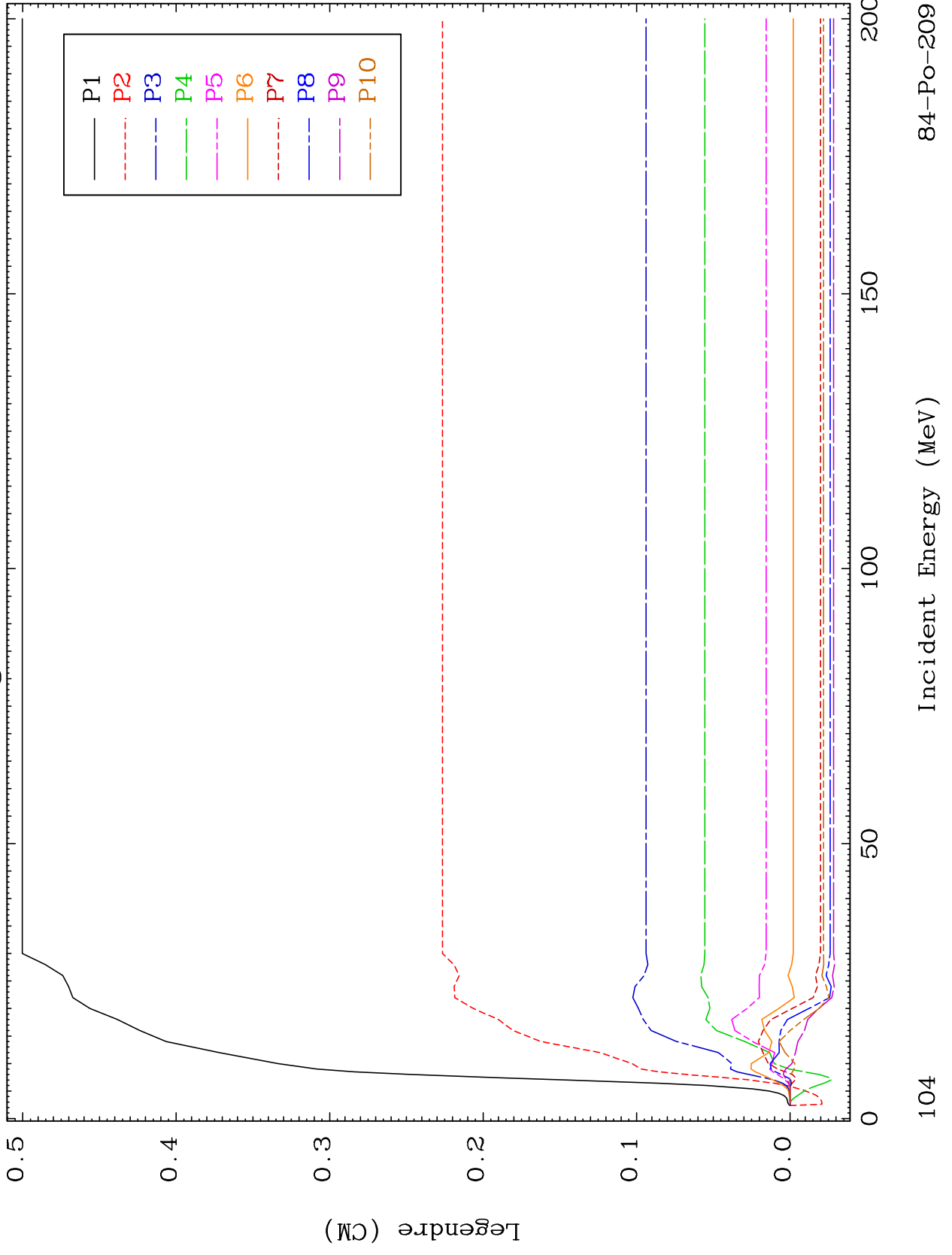
84-Po-209



MAT 8434

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

84-Po-209



84-Po-209

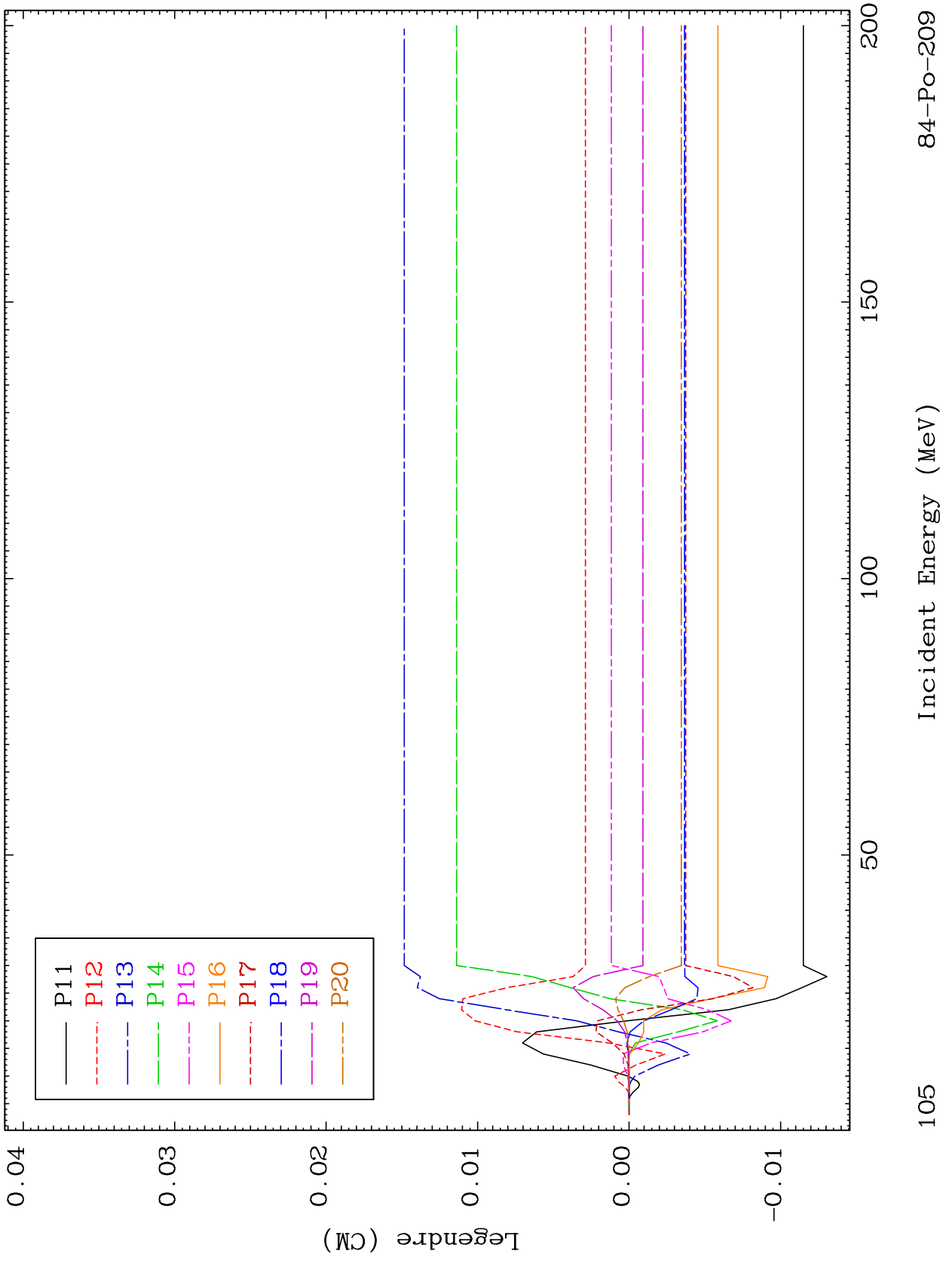
Incident Energy (MeV)

104

MAT 8434

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

84-Po-209



105

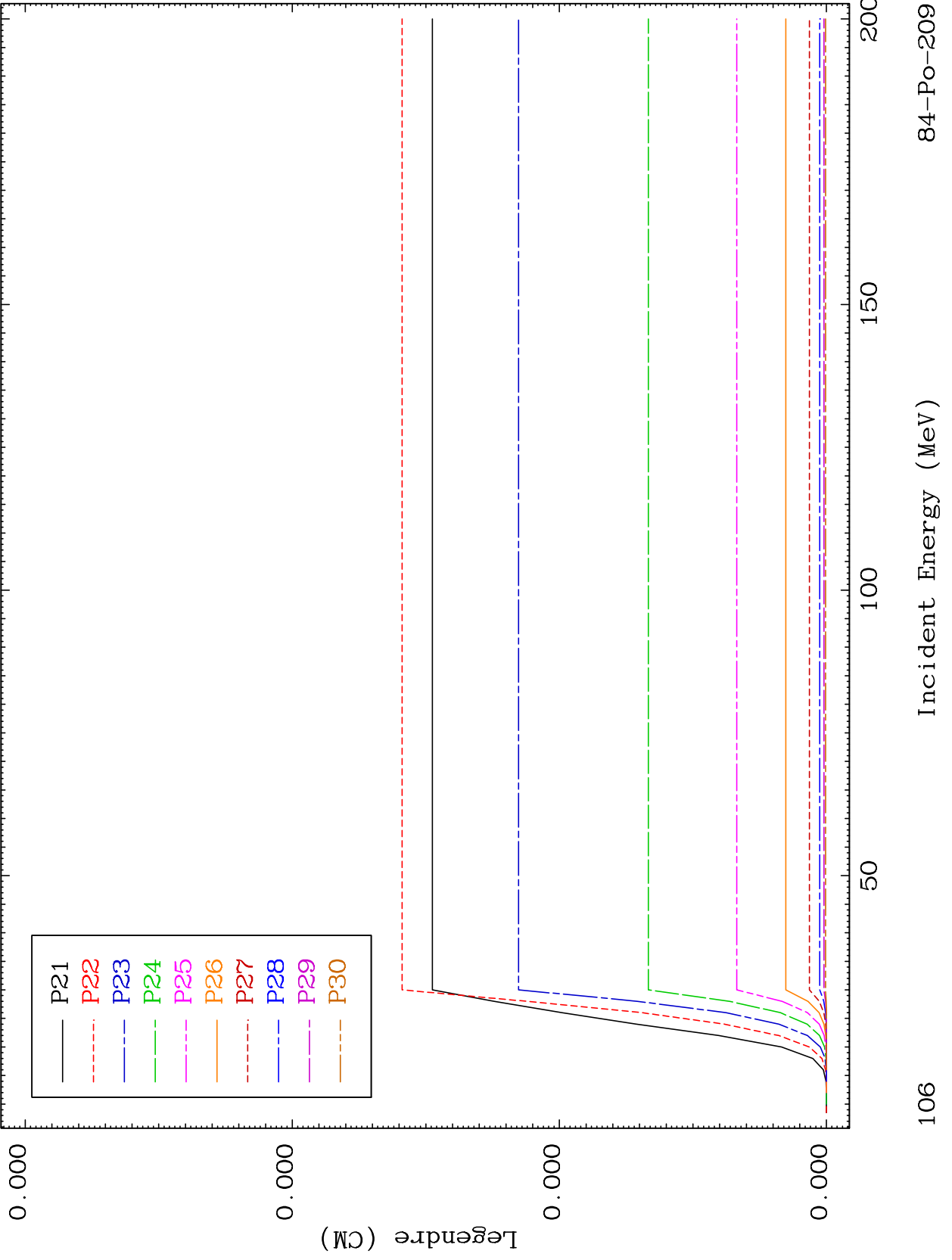
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



106

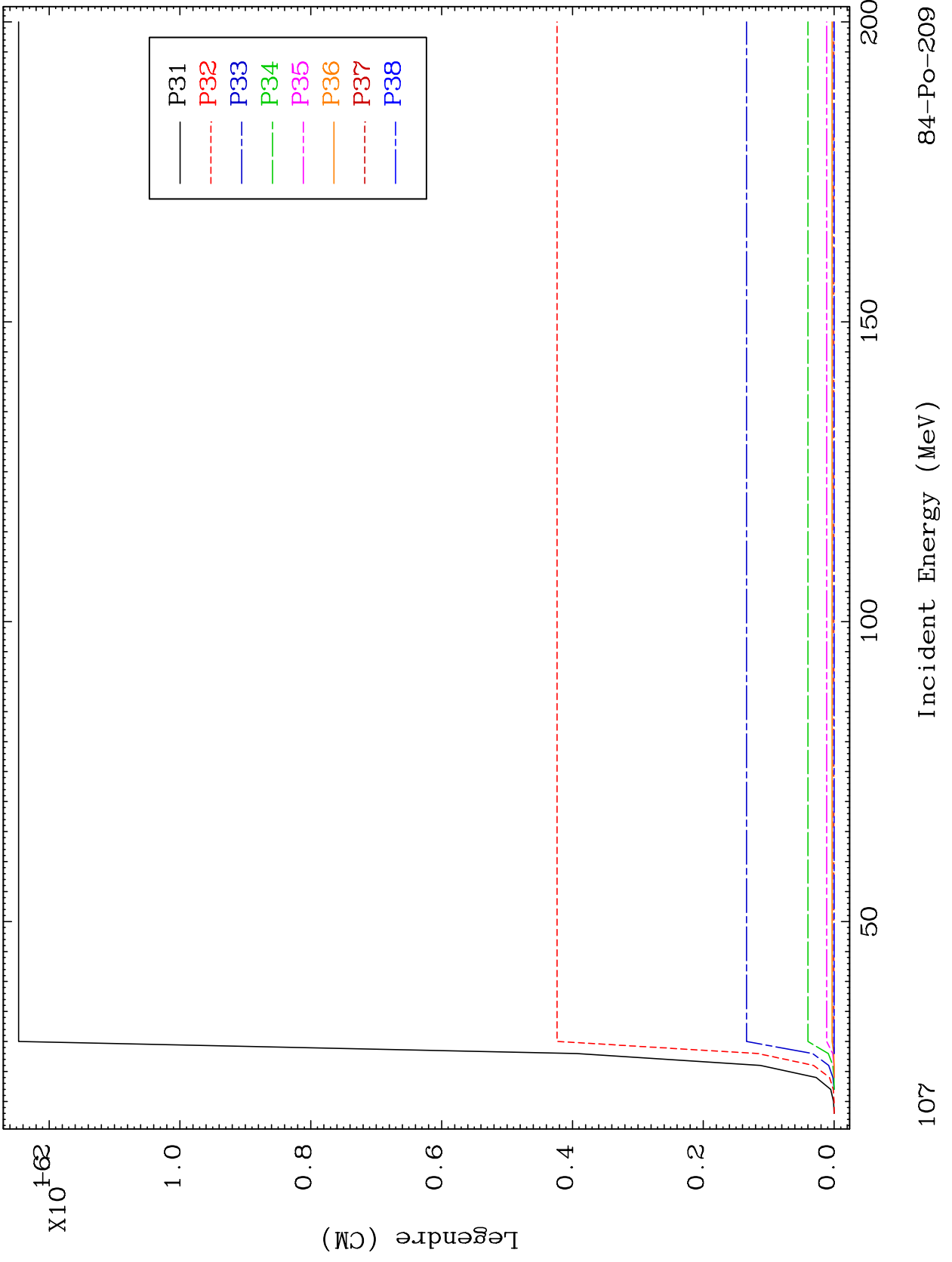
Incident Energy (MeV)

84-Po-209

MAT 8434

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

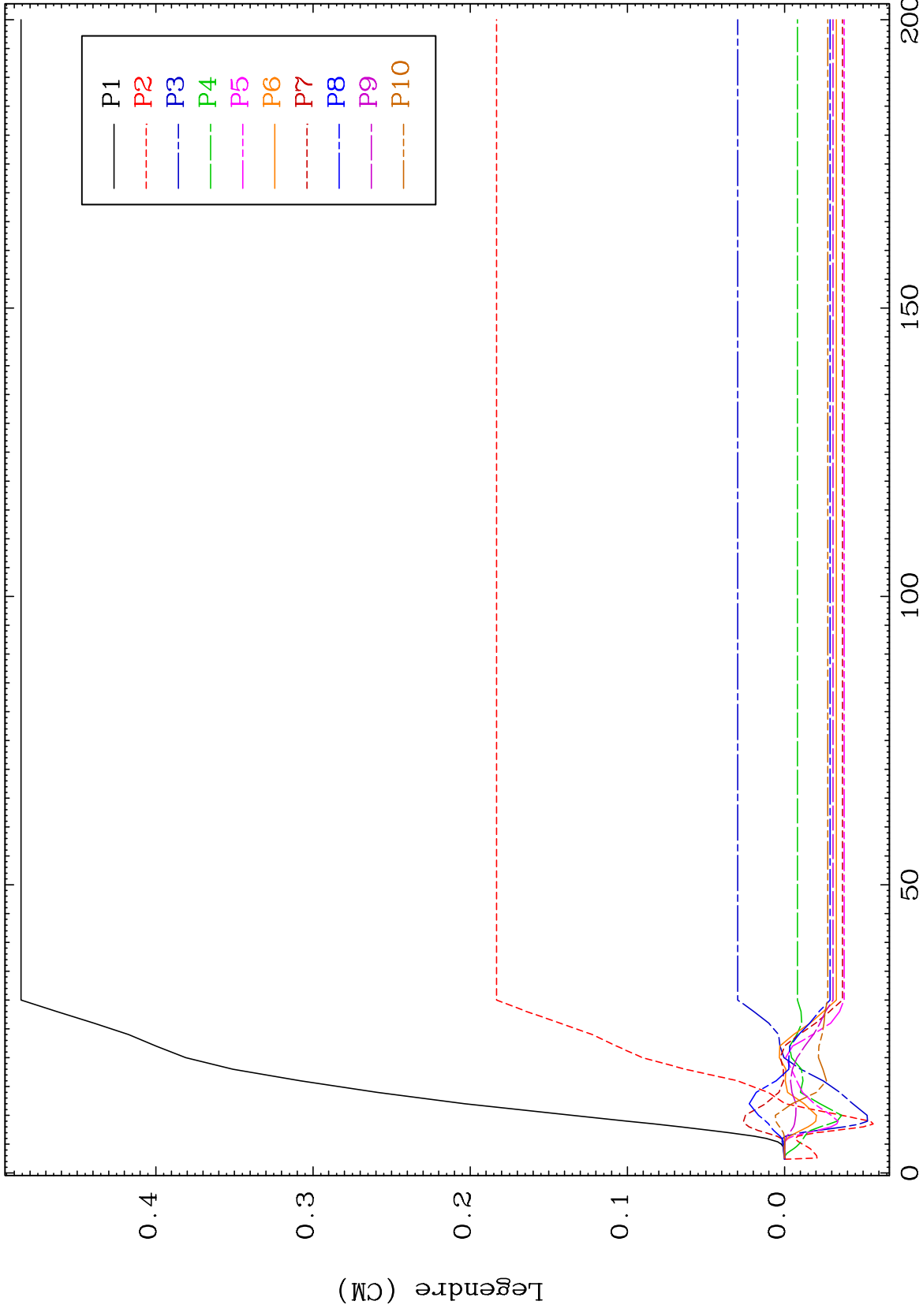
84-Po-209



MAT 8434

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

84-Po-209



108

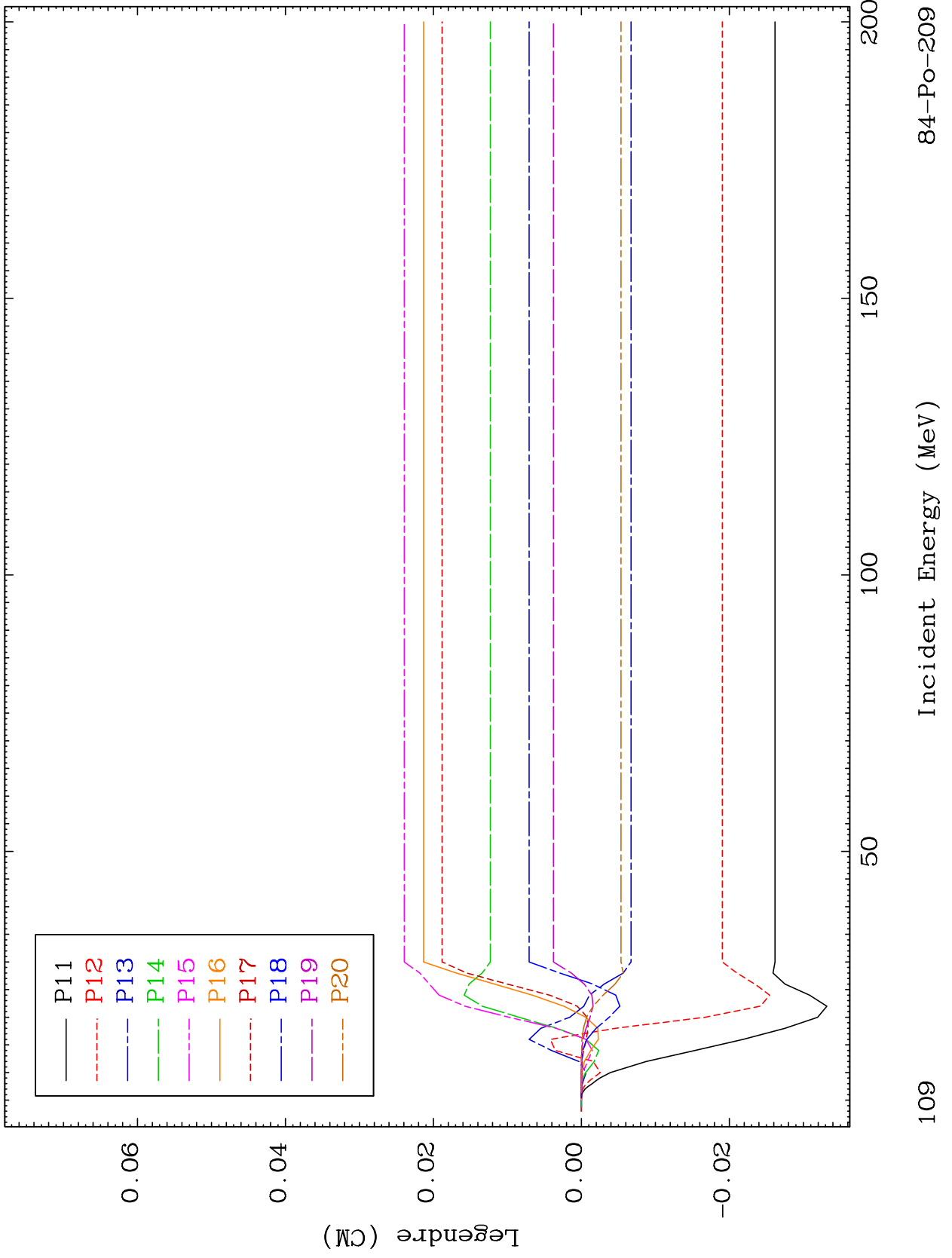
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



109

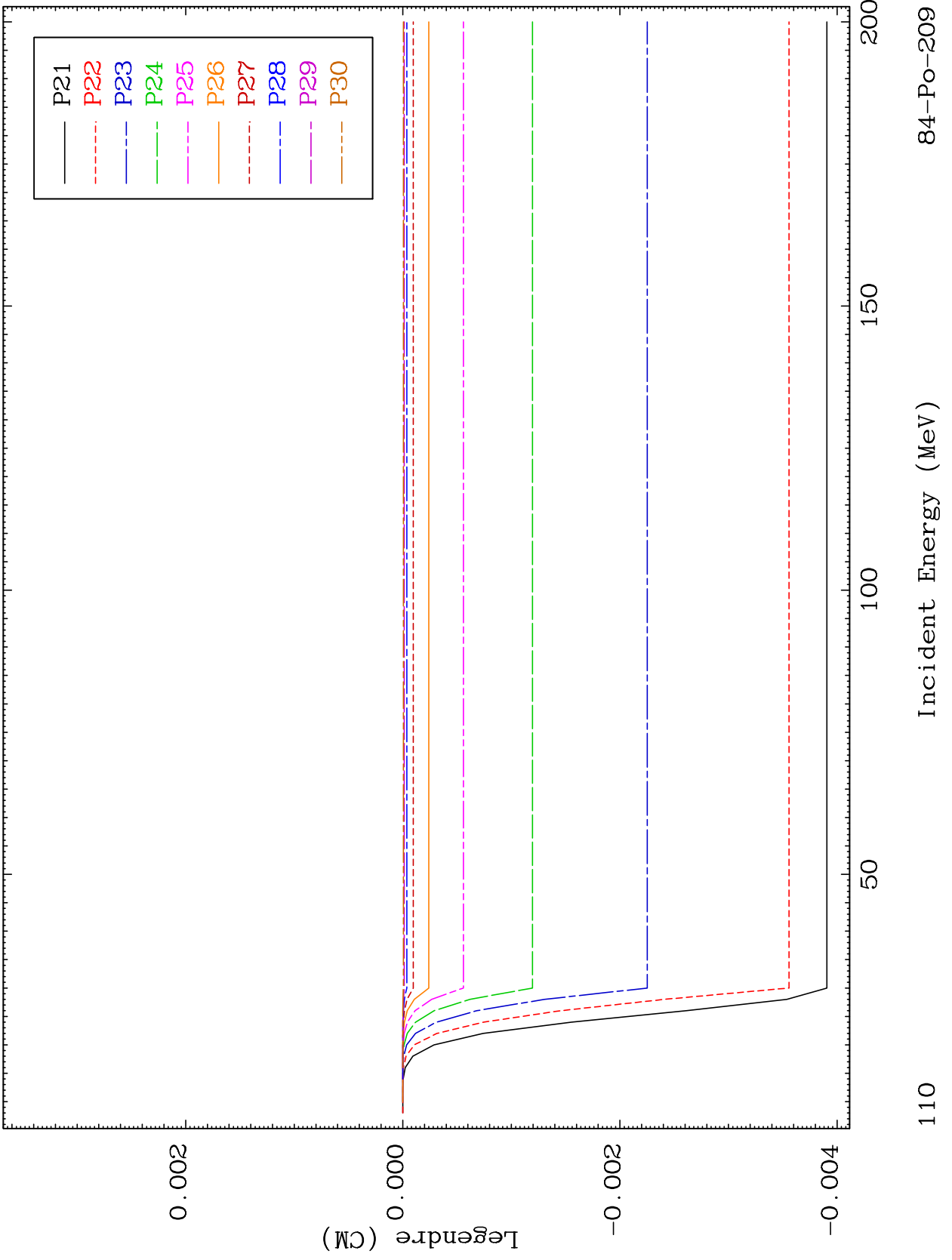
Incident Energy (MeV)

84-Po-209

MAT 8434

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

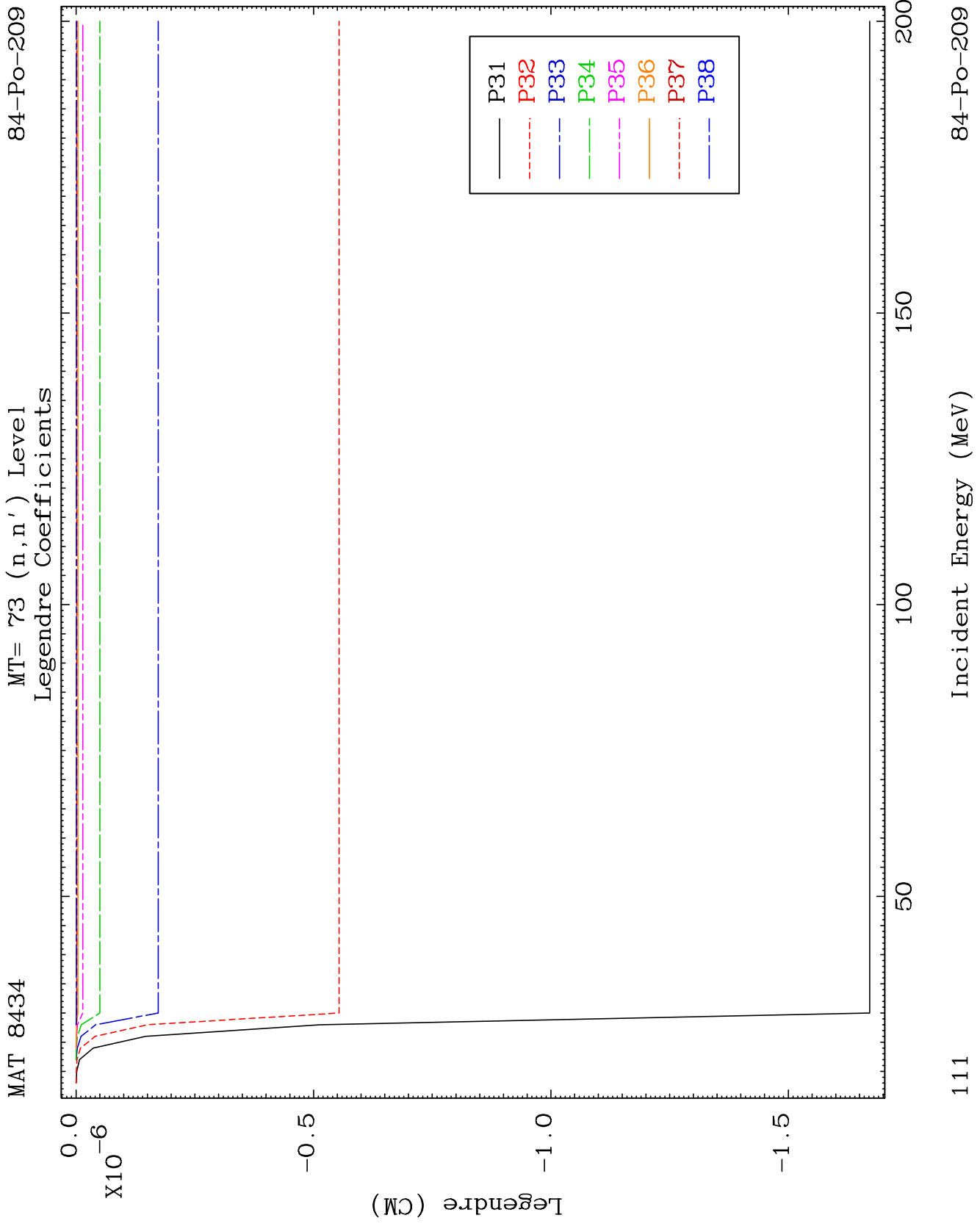
84-Po-209



110

Incident Energy (MeV)

84-Po-209

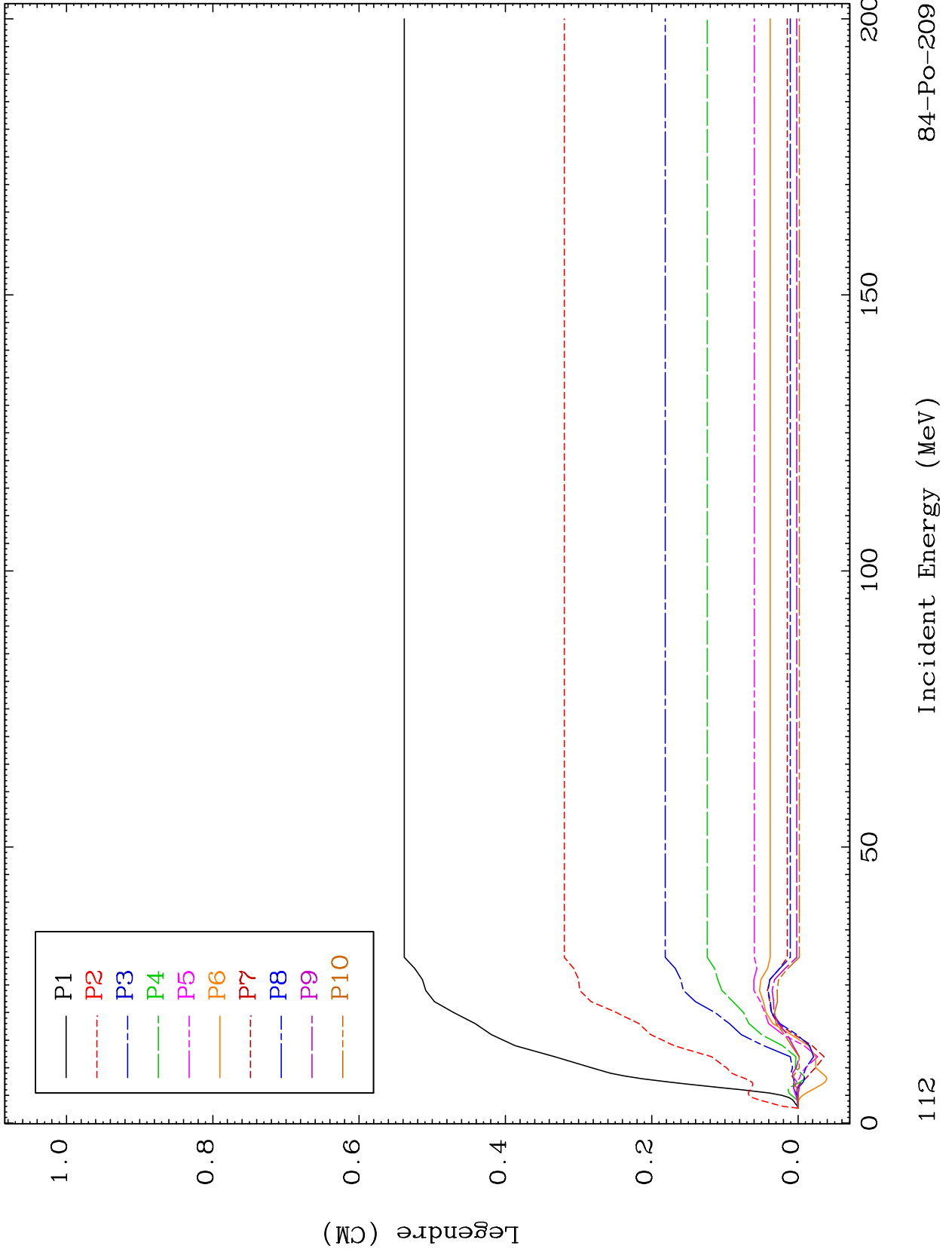




MAT 8434

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

84-Po-209



112

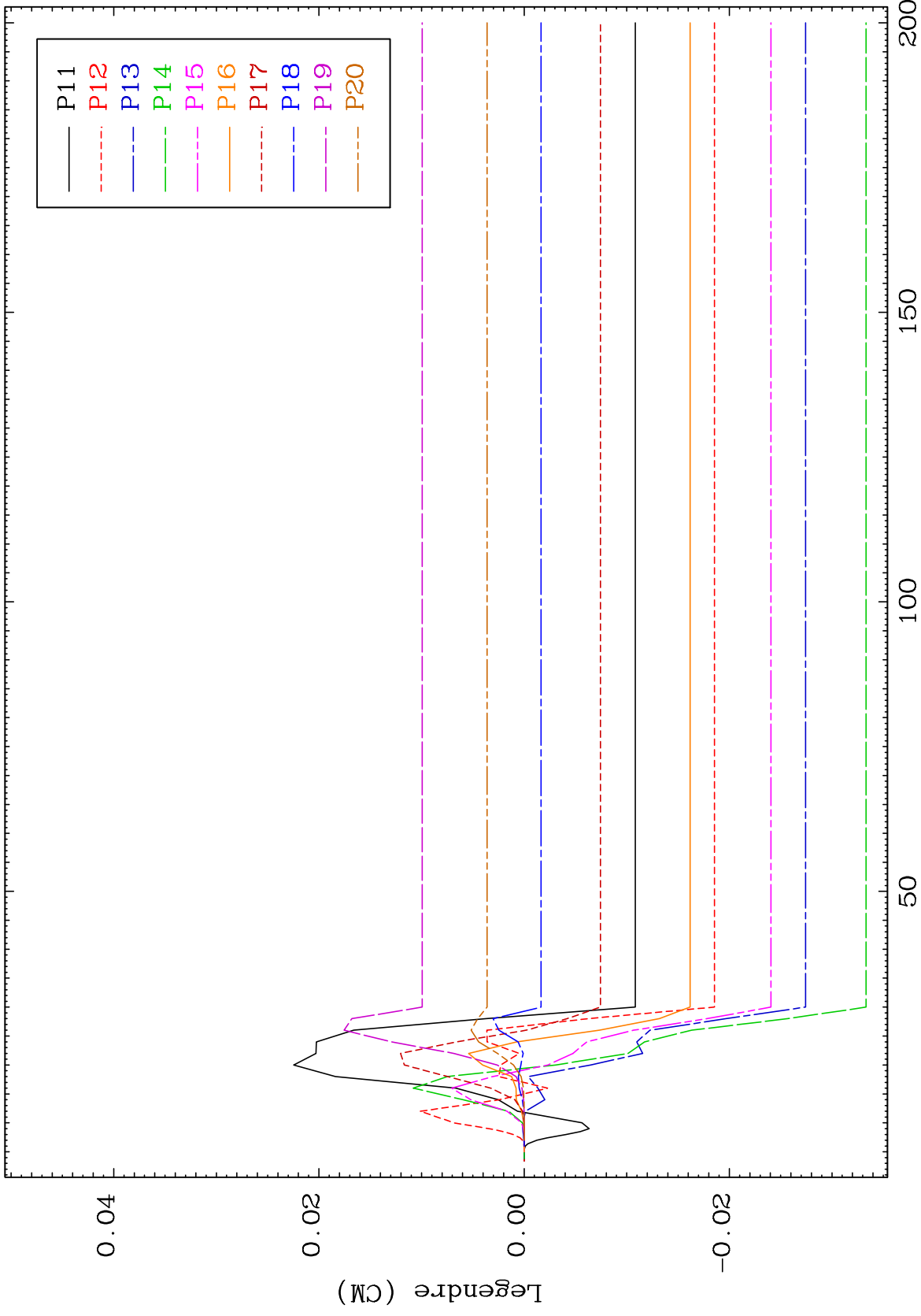
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



113

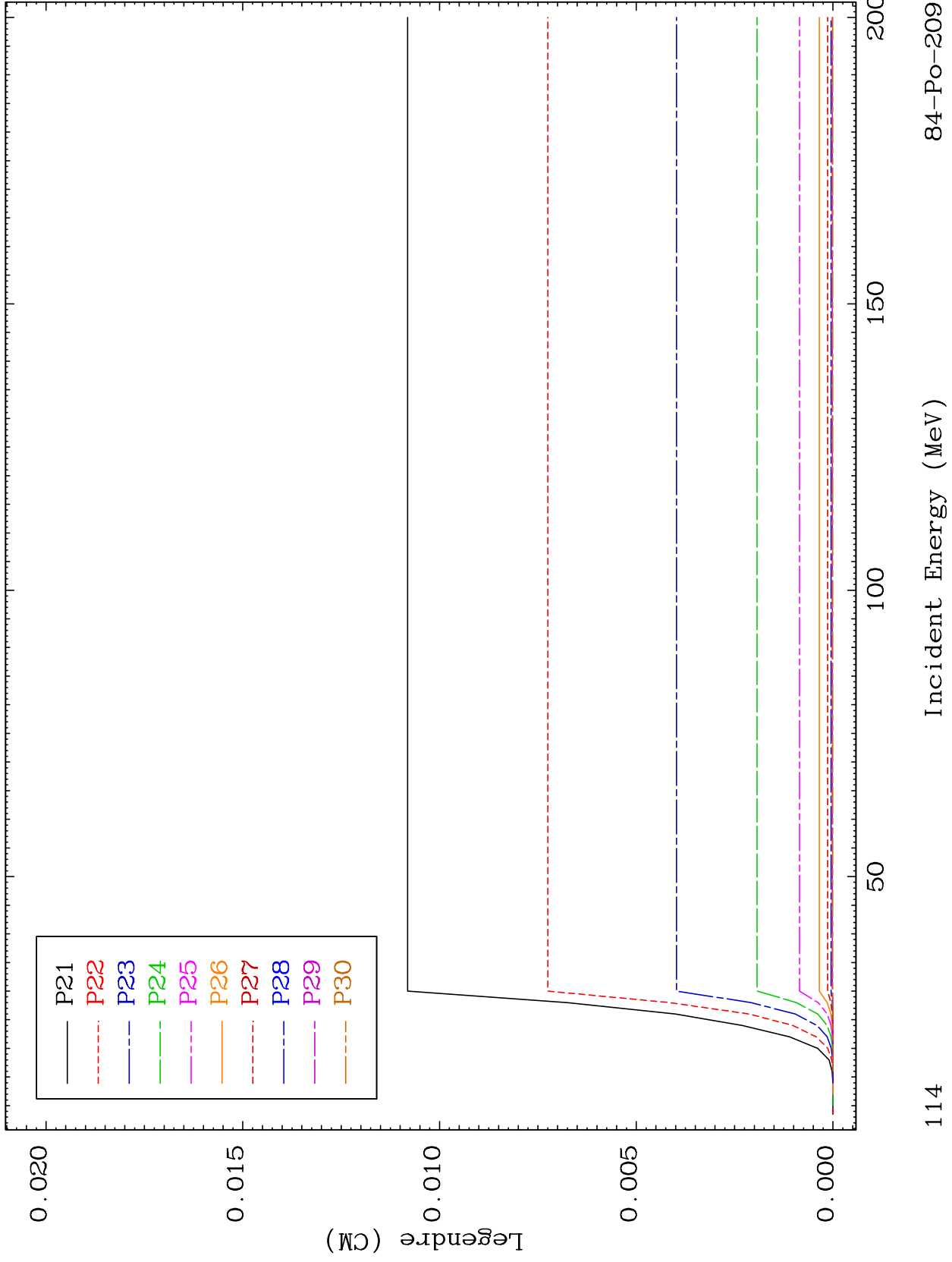
Incident Energy (MeV)

84-Po-209

MAT 8434

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

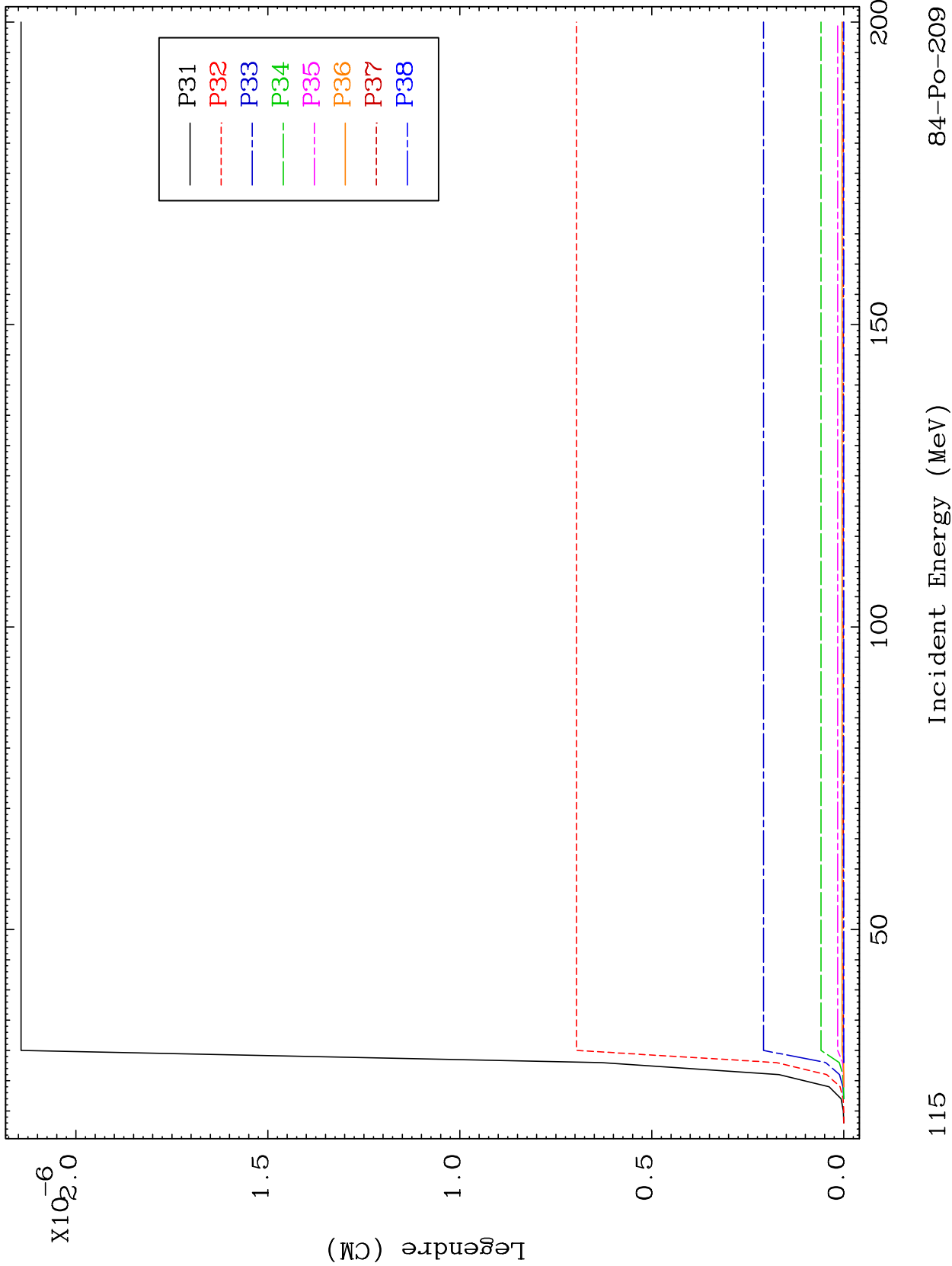
84-Po-209



MAT 8434

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

84-Po-209



115

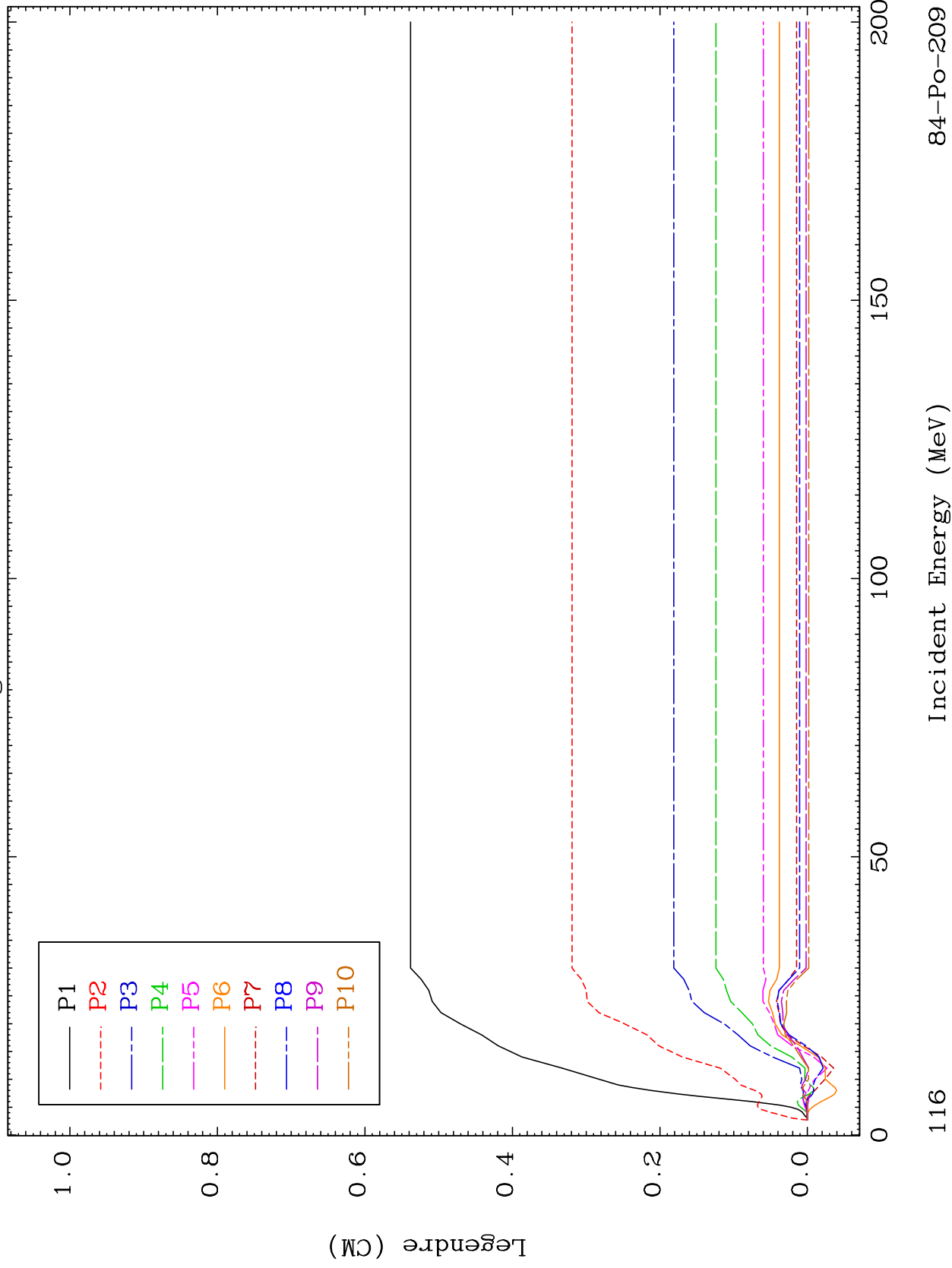
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



116

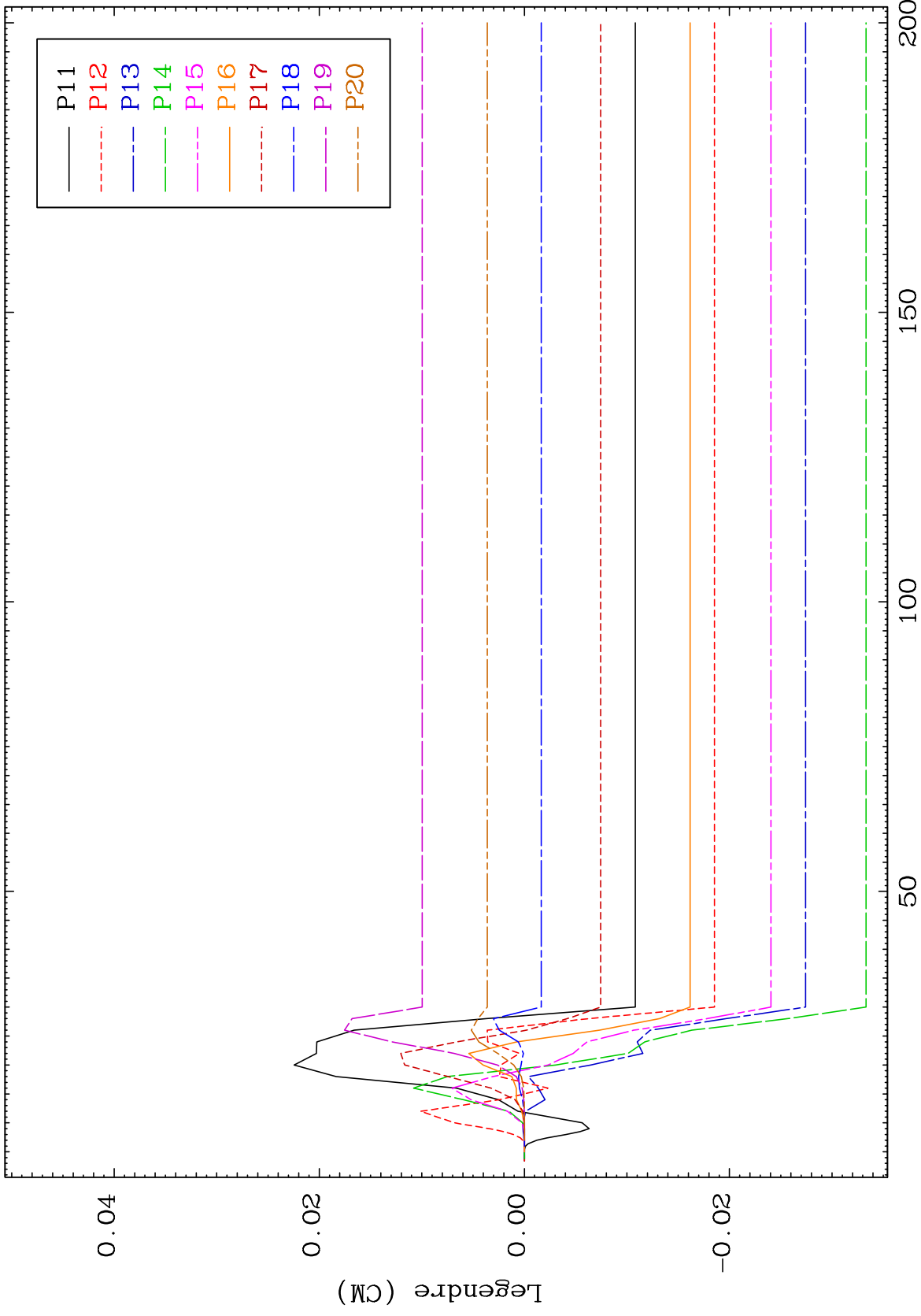
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



117

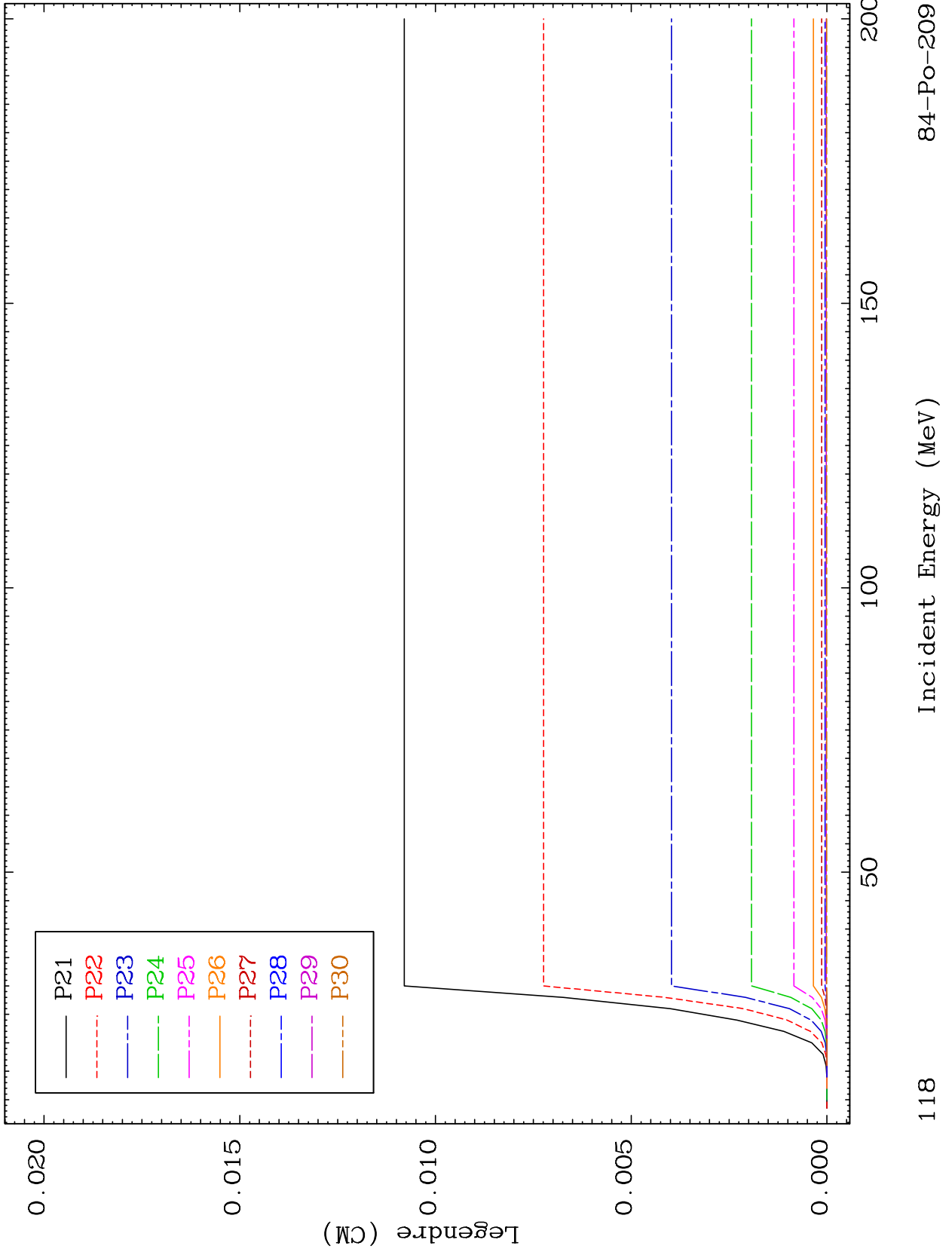
Incident Energy (MeV)

84-Po-209

MAT 8434

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

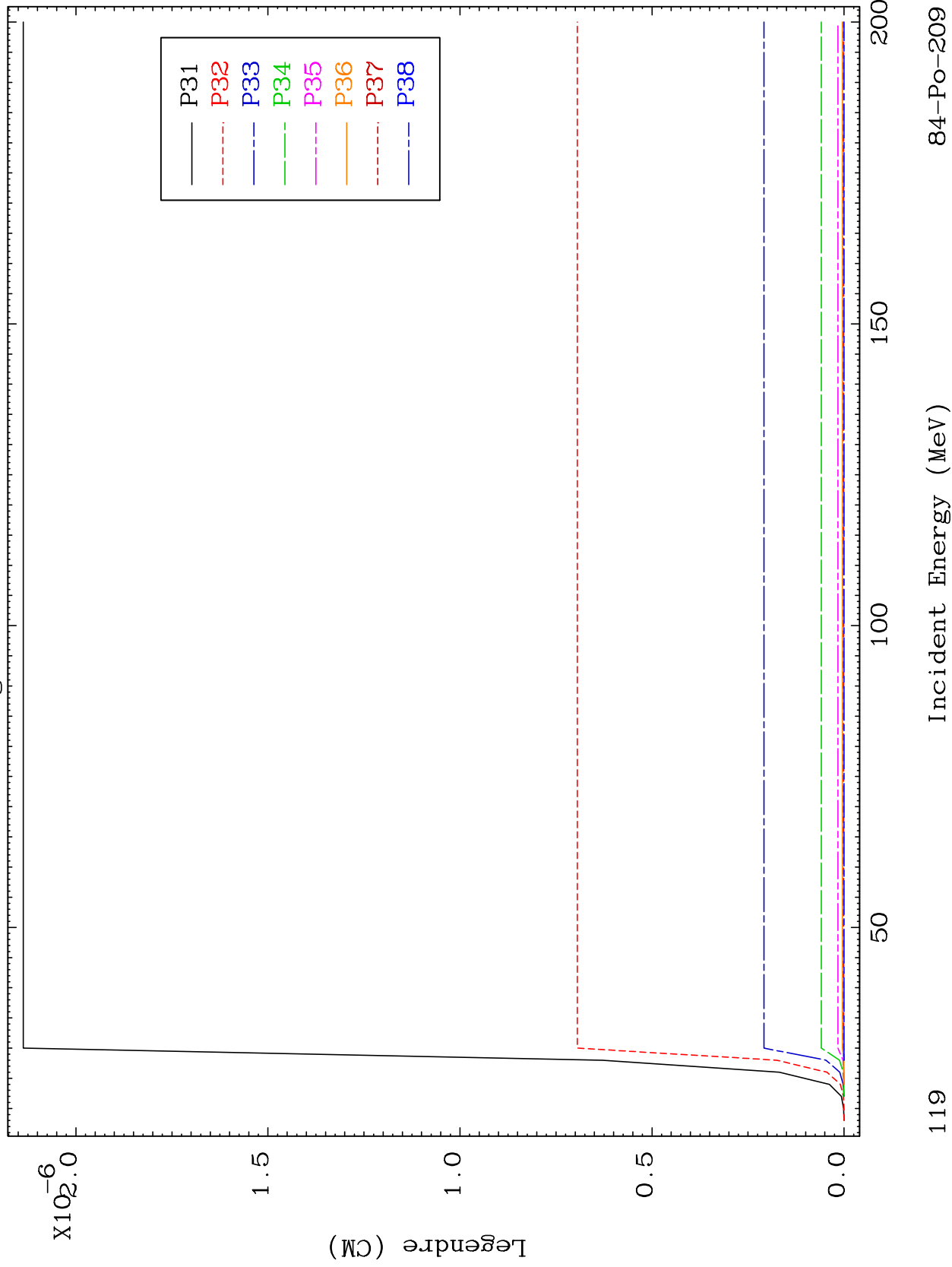
84-Po-209



MAT 8434

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

84-Po-209

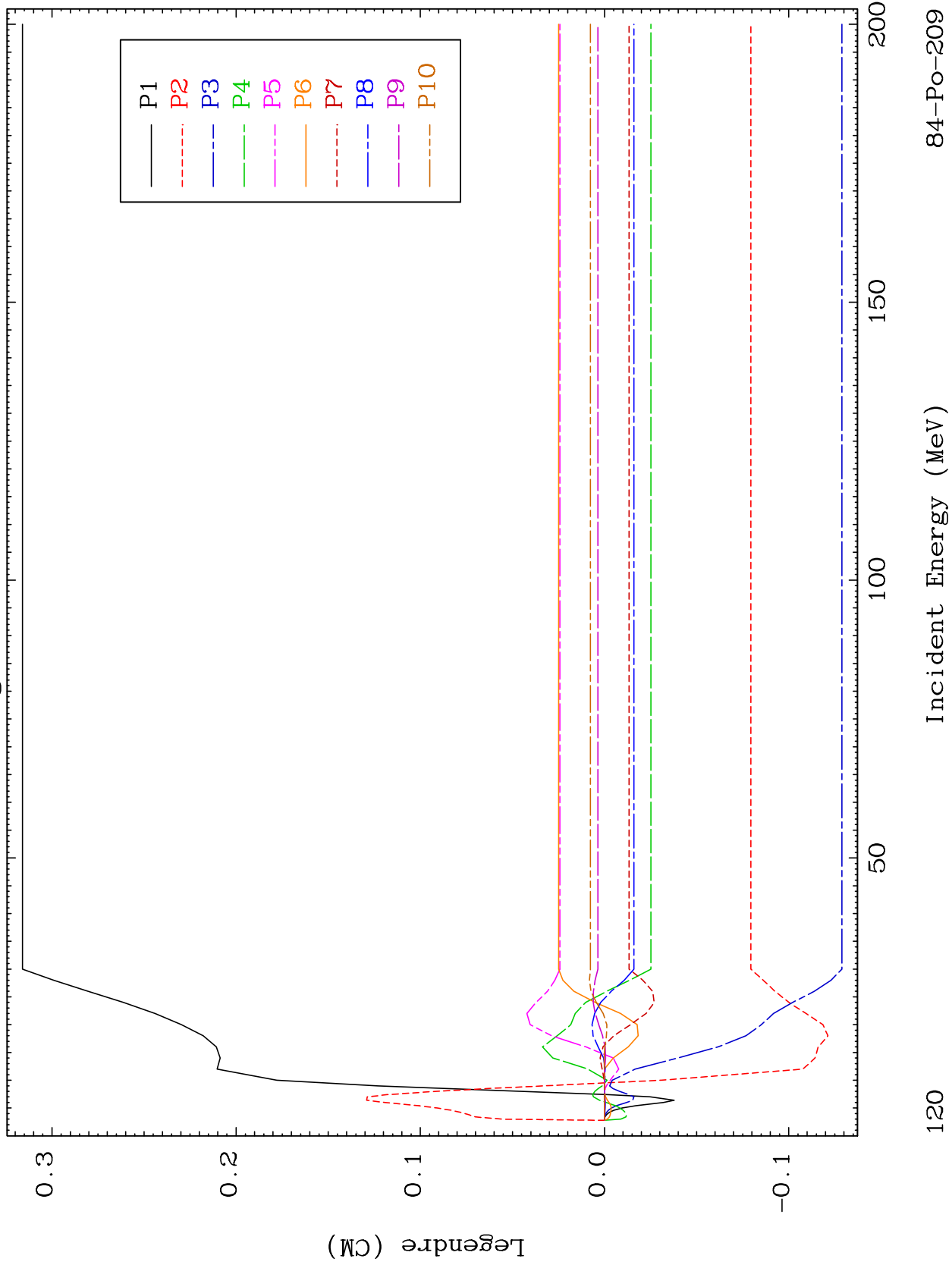




MAT 8434

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

84-Po-209



84-Po-209

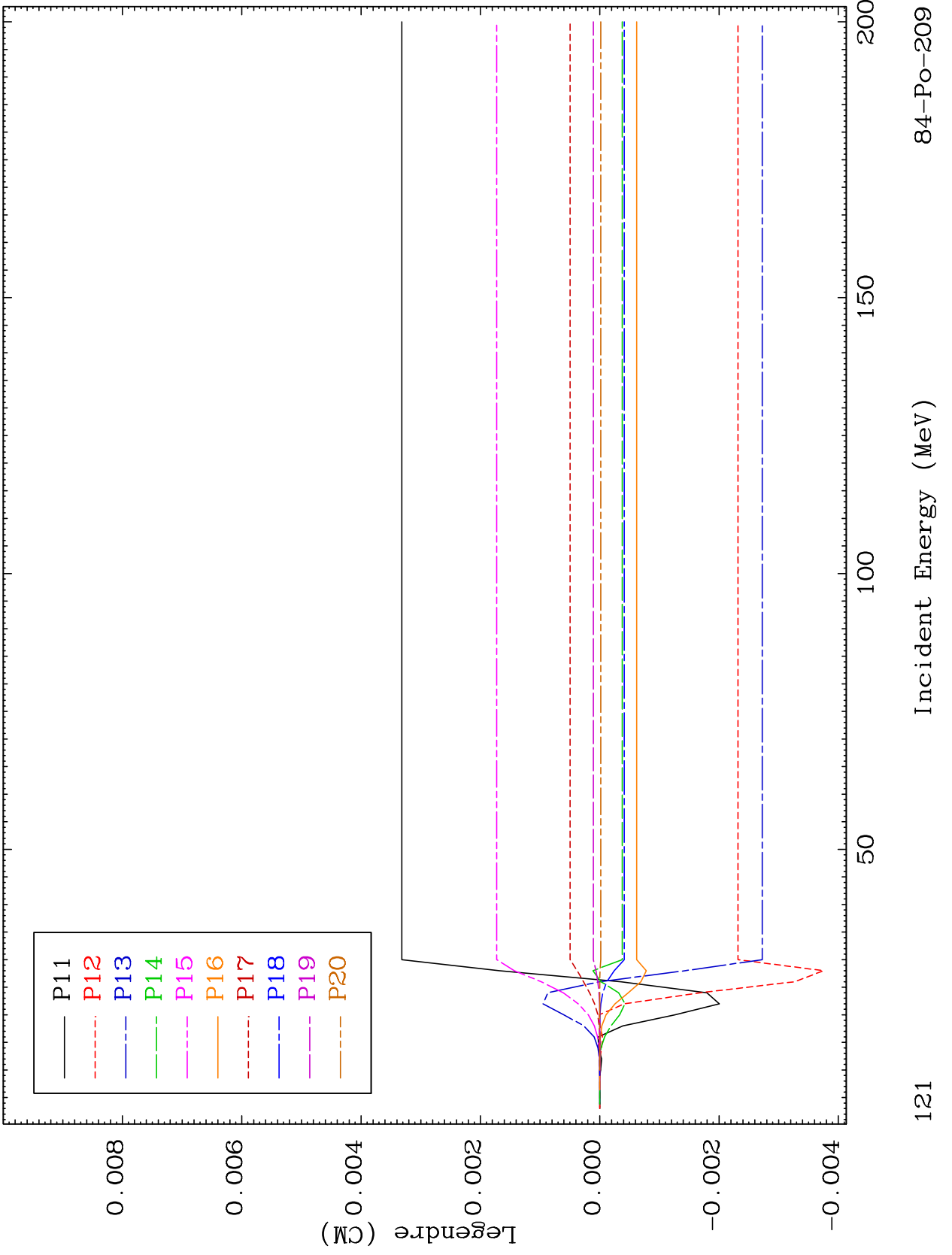
Incident Energy (MeV)

120

MAT 8434

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

84-Po-209



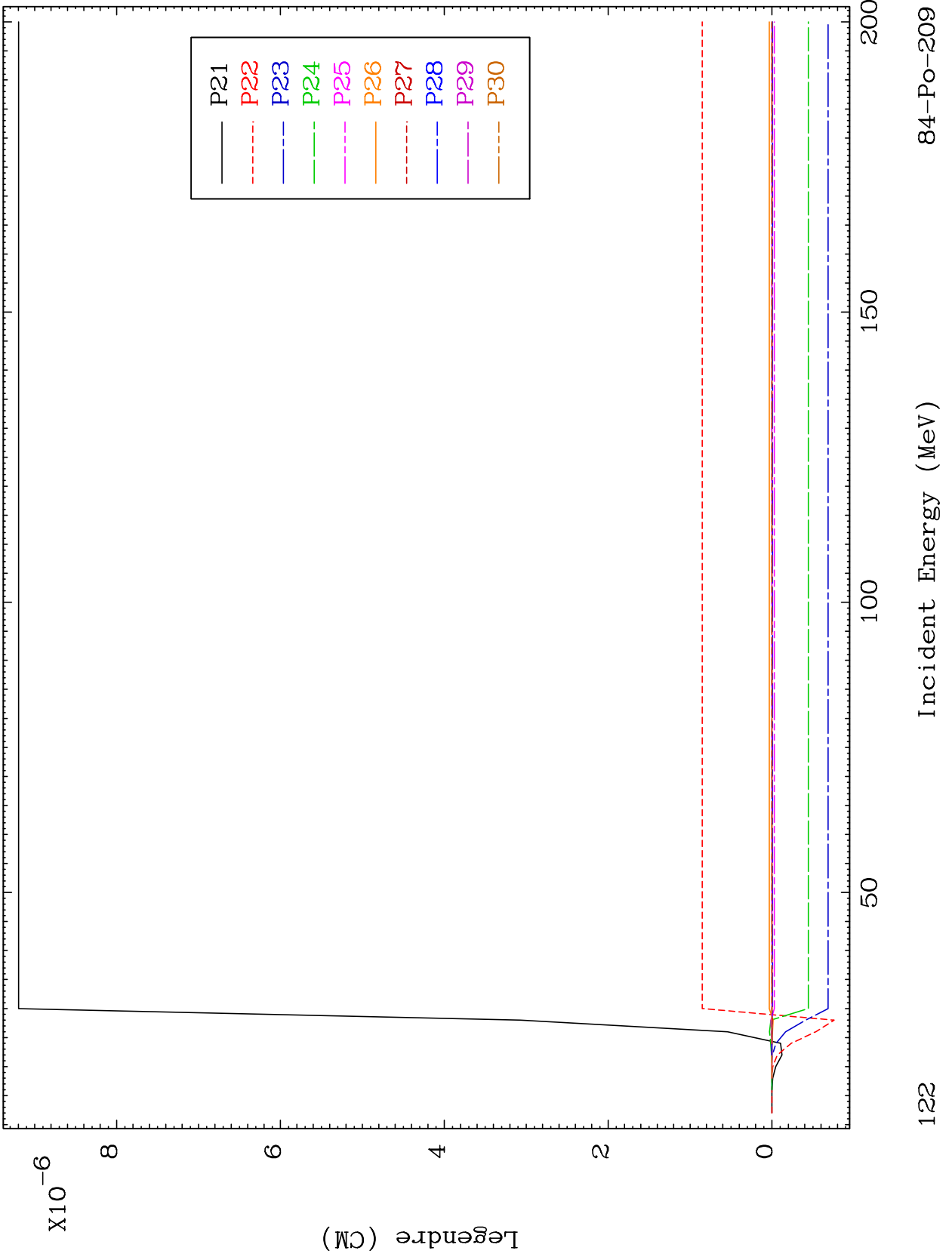
121

84-Po-209

MAT 8434

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

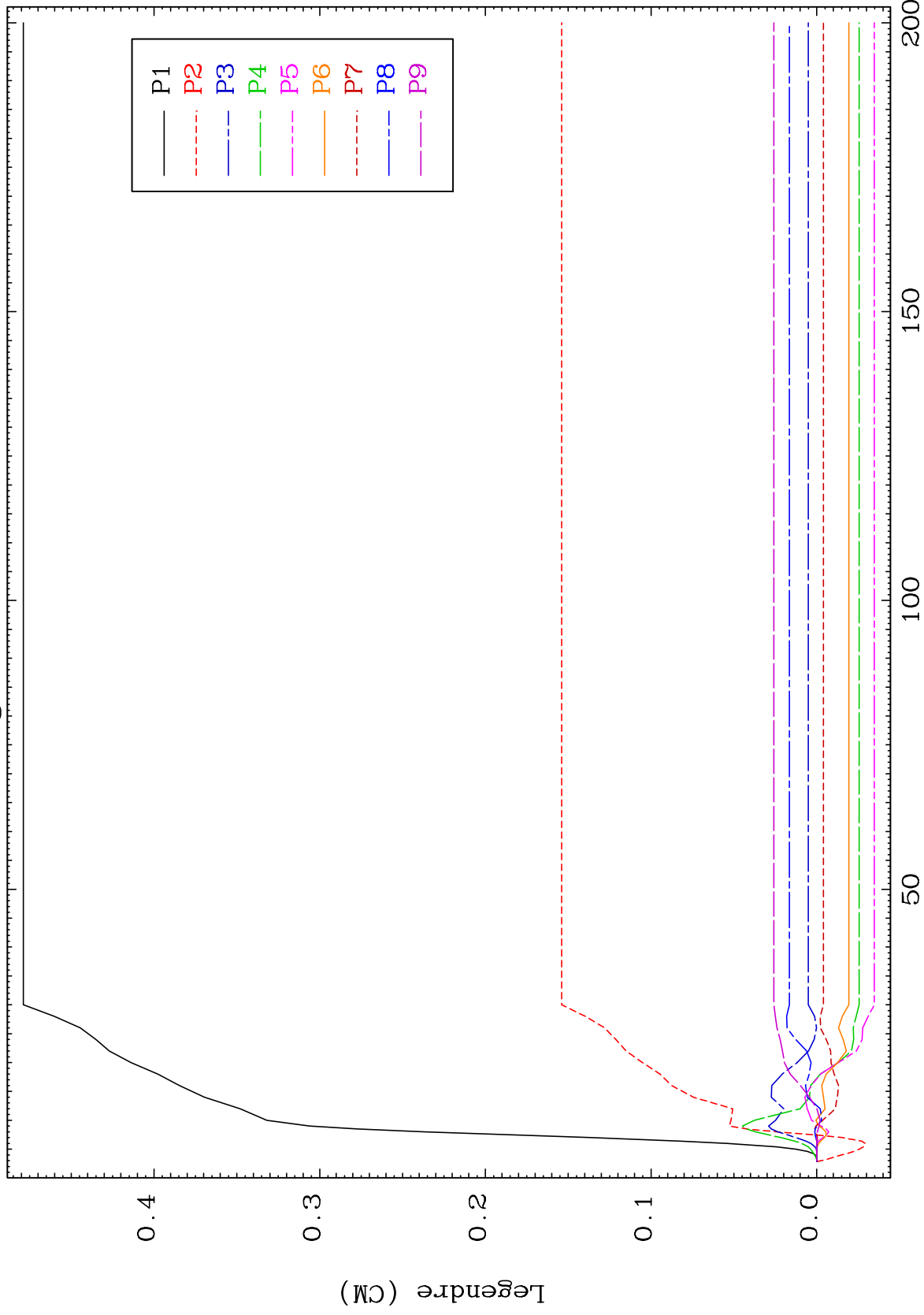
84-Po-209



MAT 8434

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

84-Po-209



123

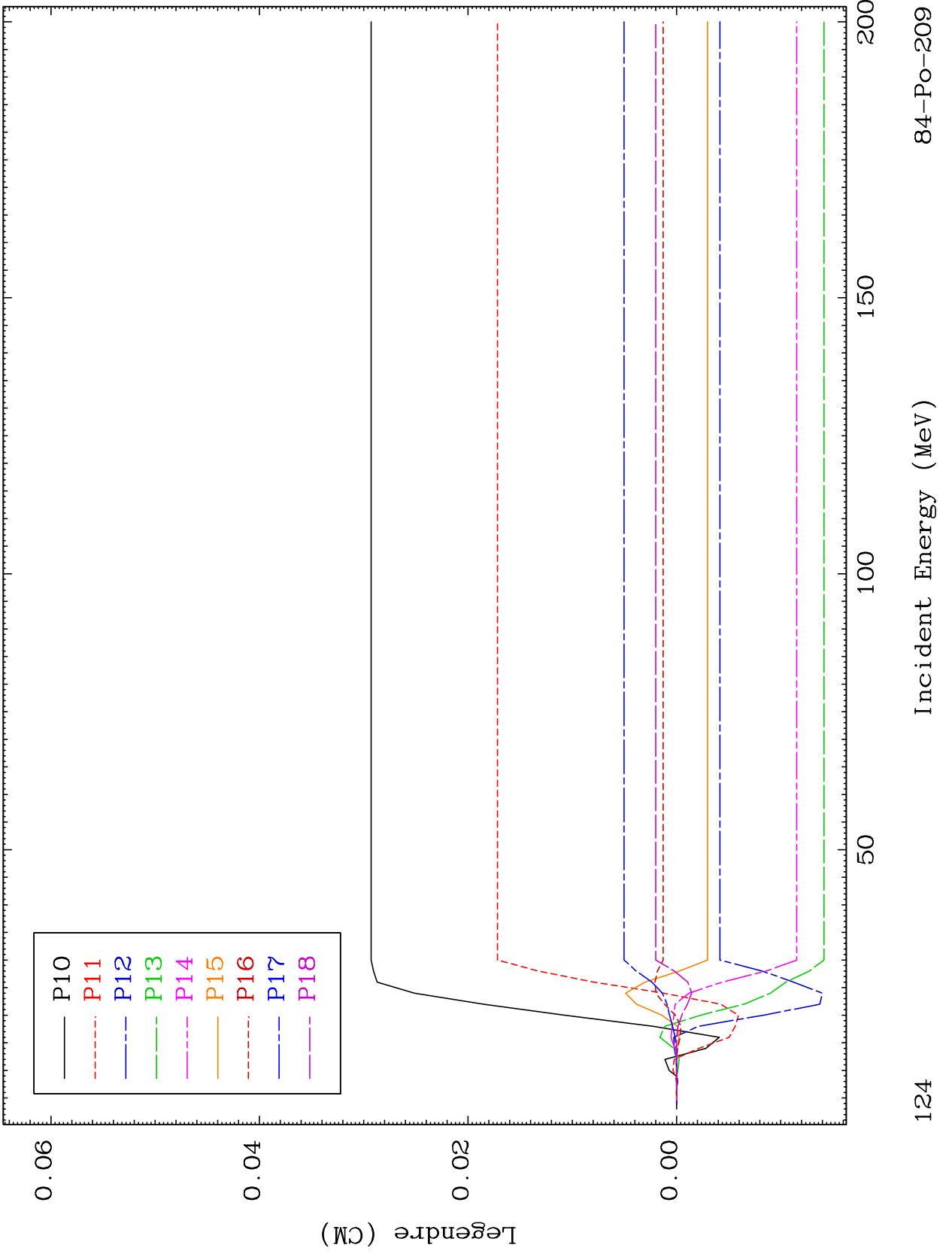
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



124

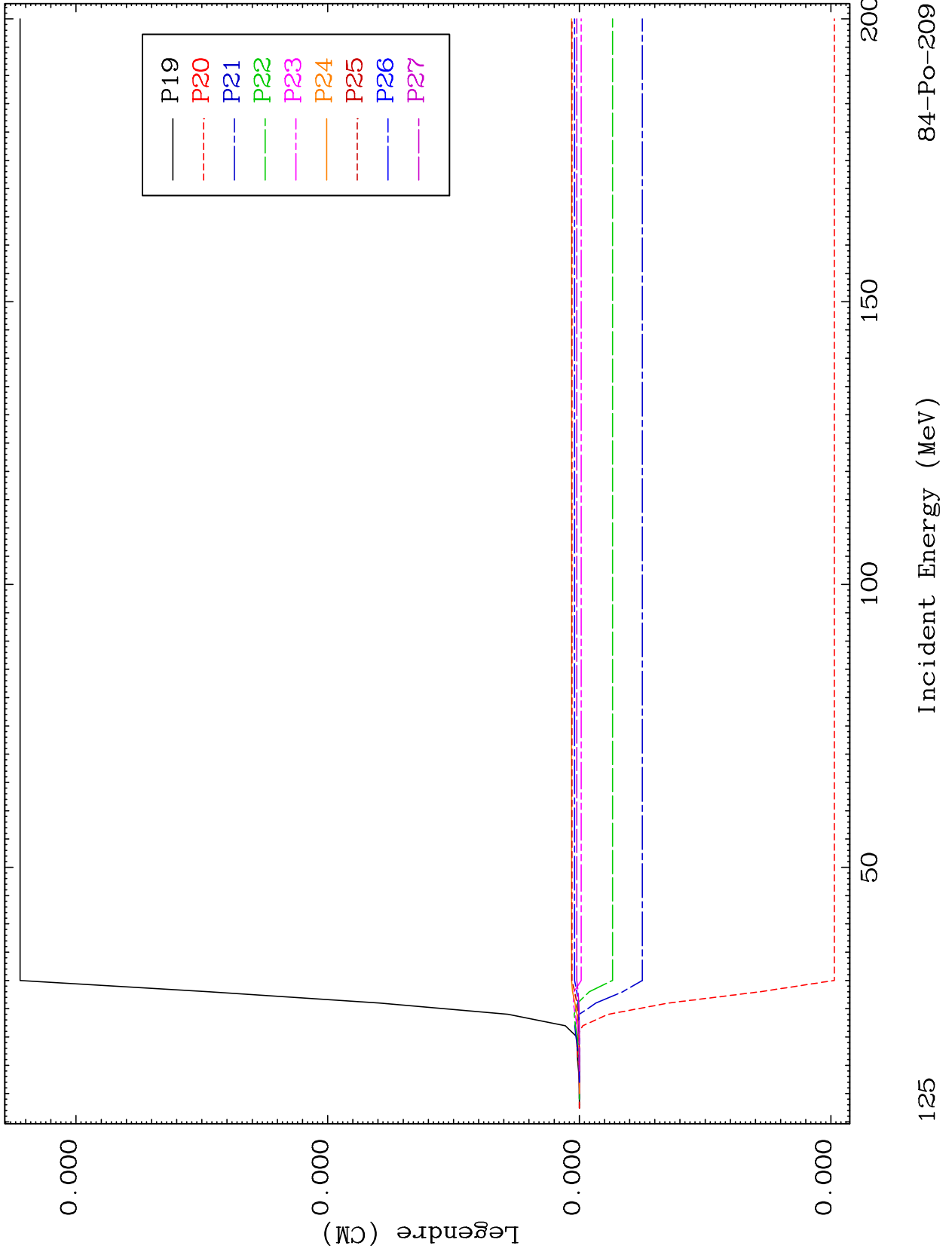
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



125

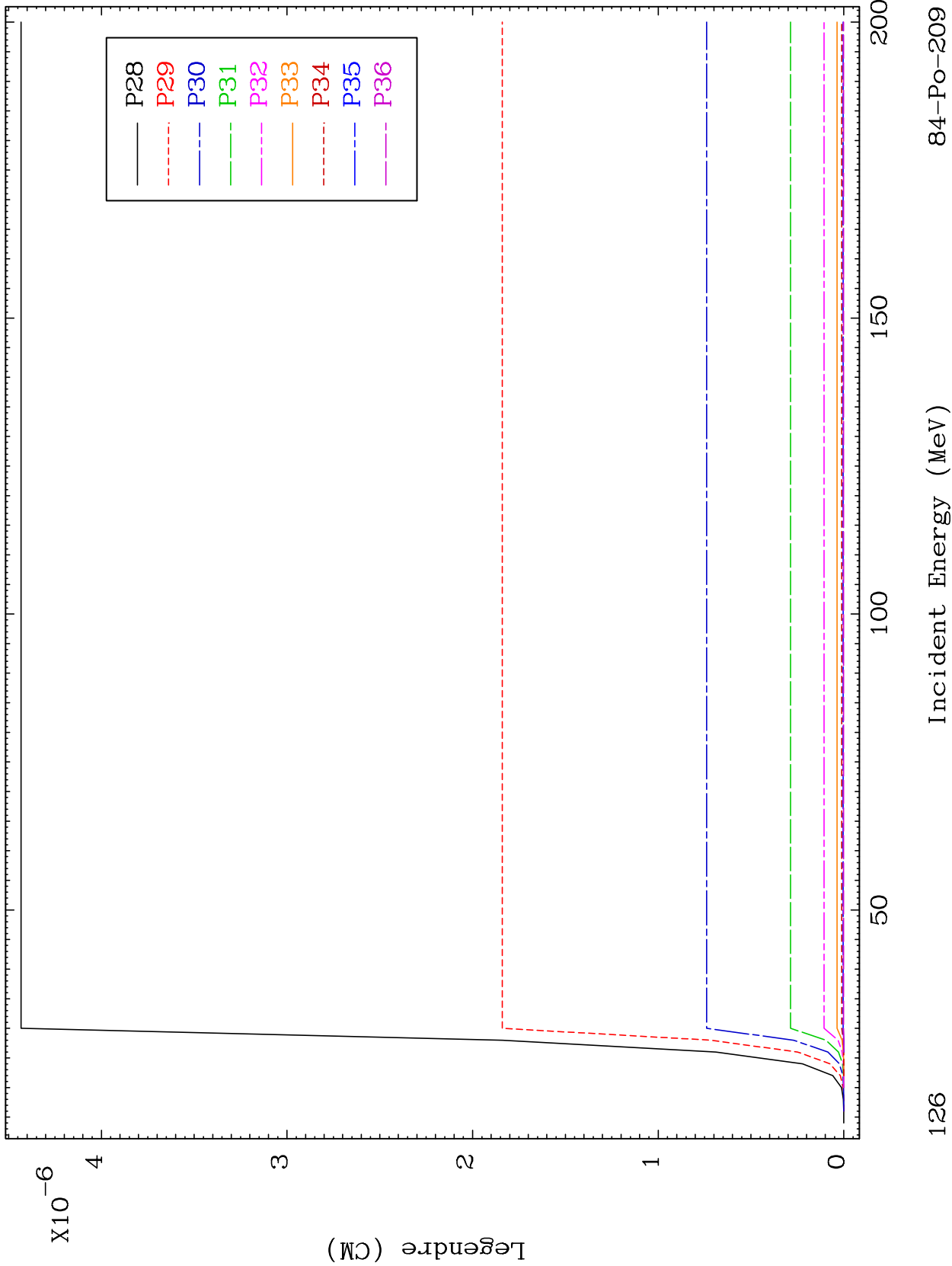
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



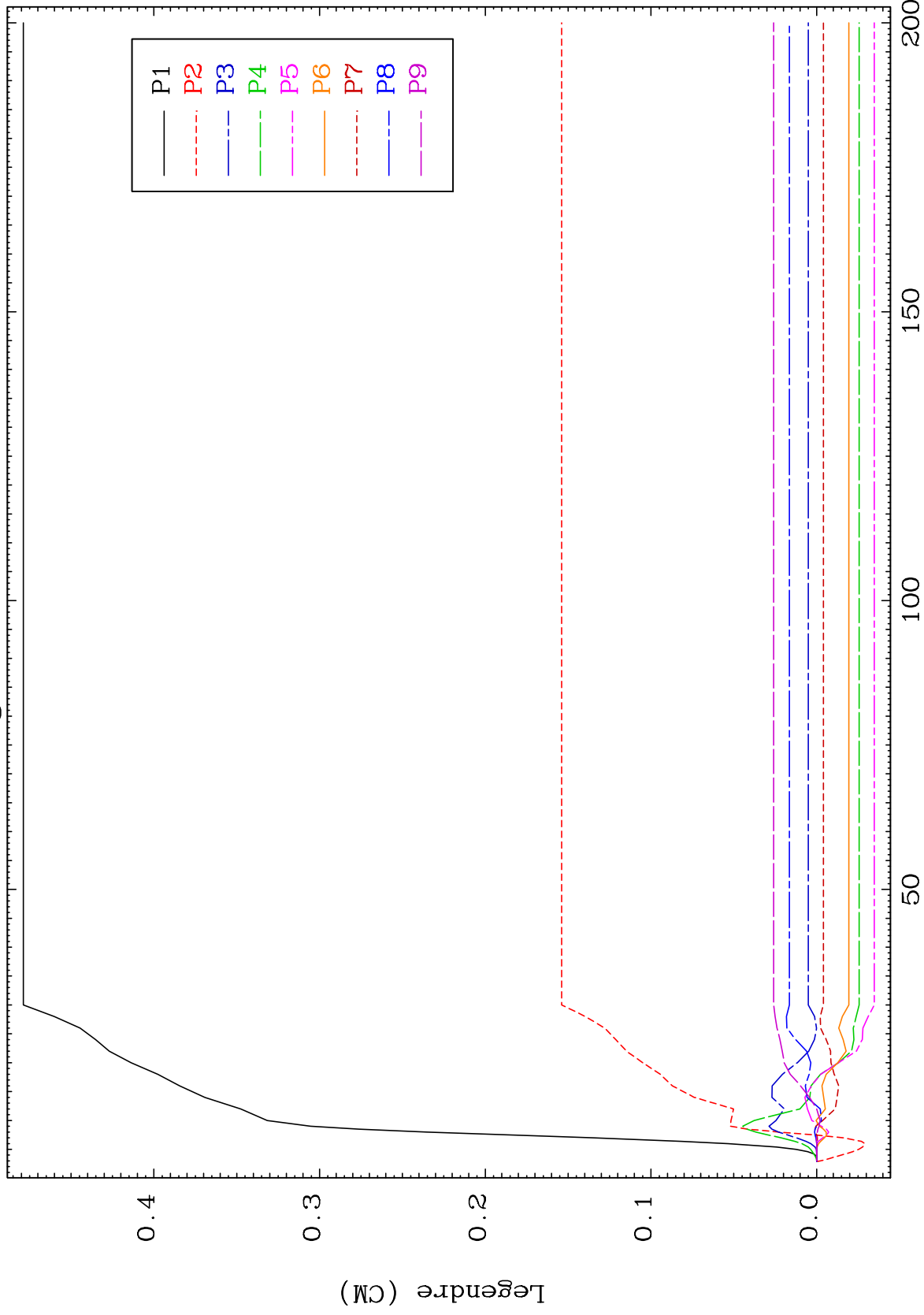
126

84-Po-209

MAT 8434

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

84-Po-209



127

Incident Energy (MeV)

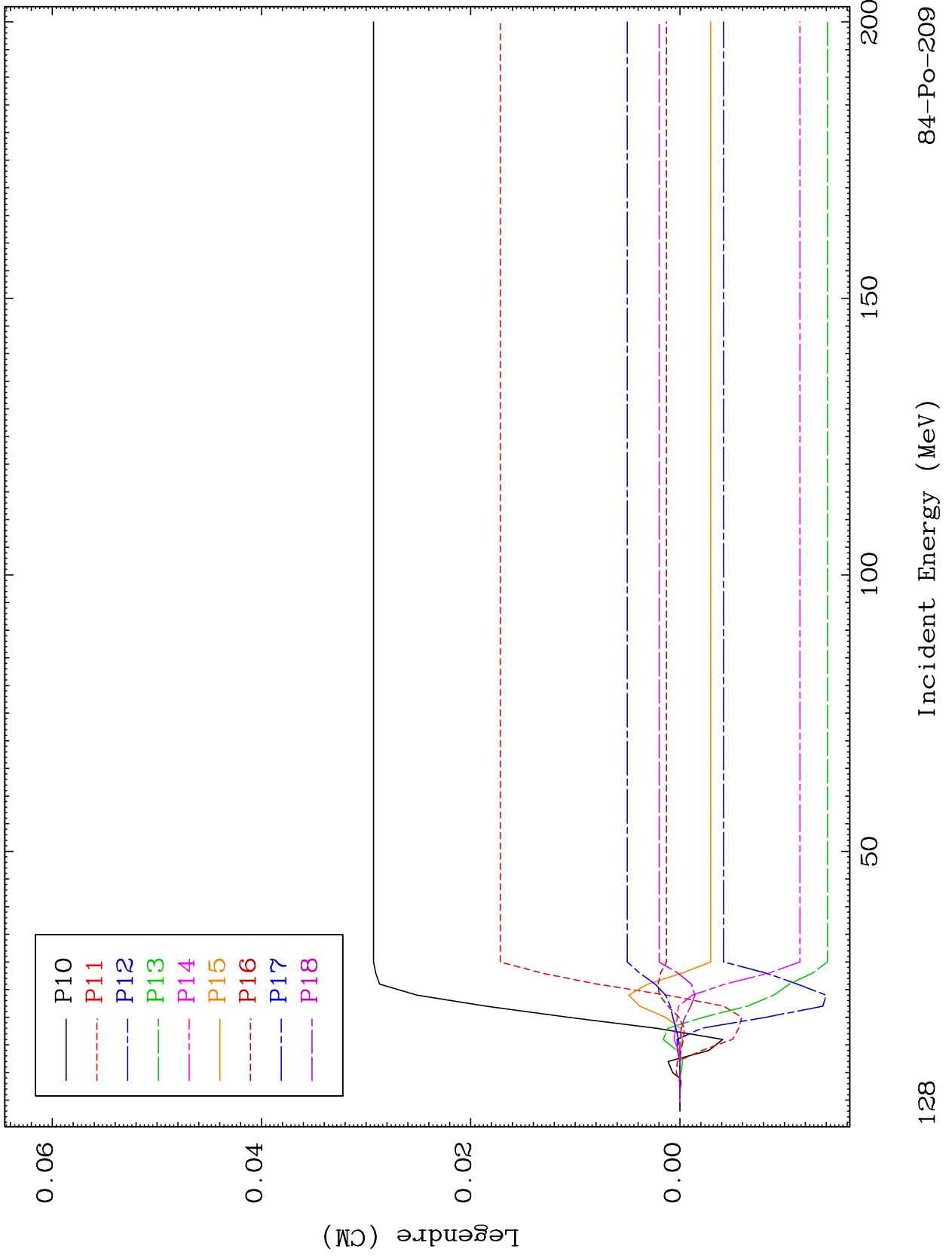
84-Po-209



MAT 8434

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

84-Po-209



128

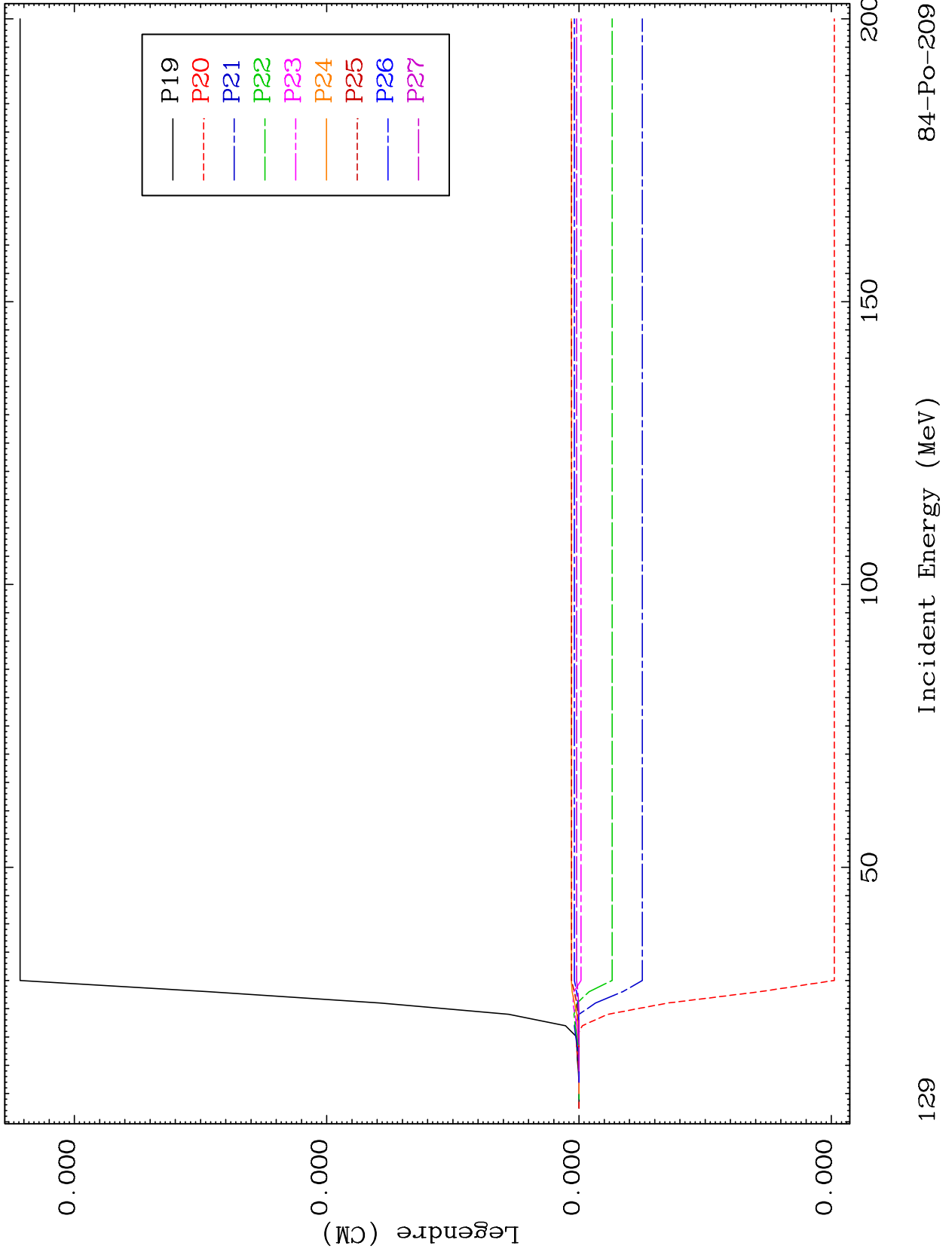
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



129

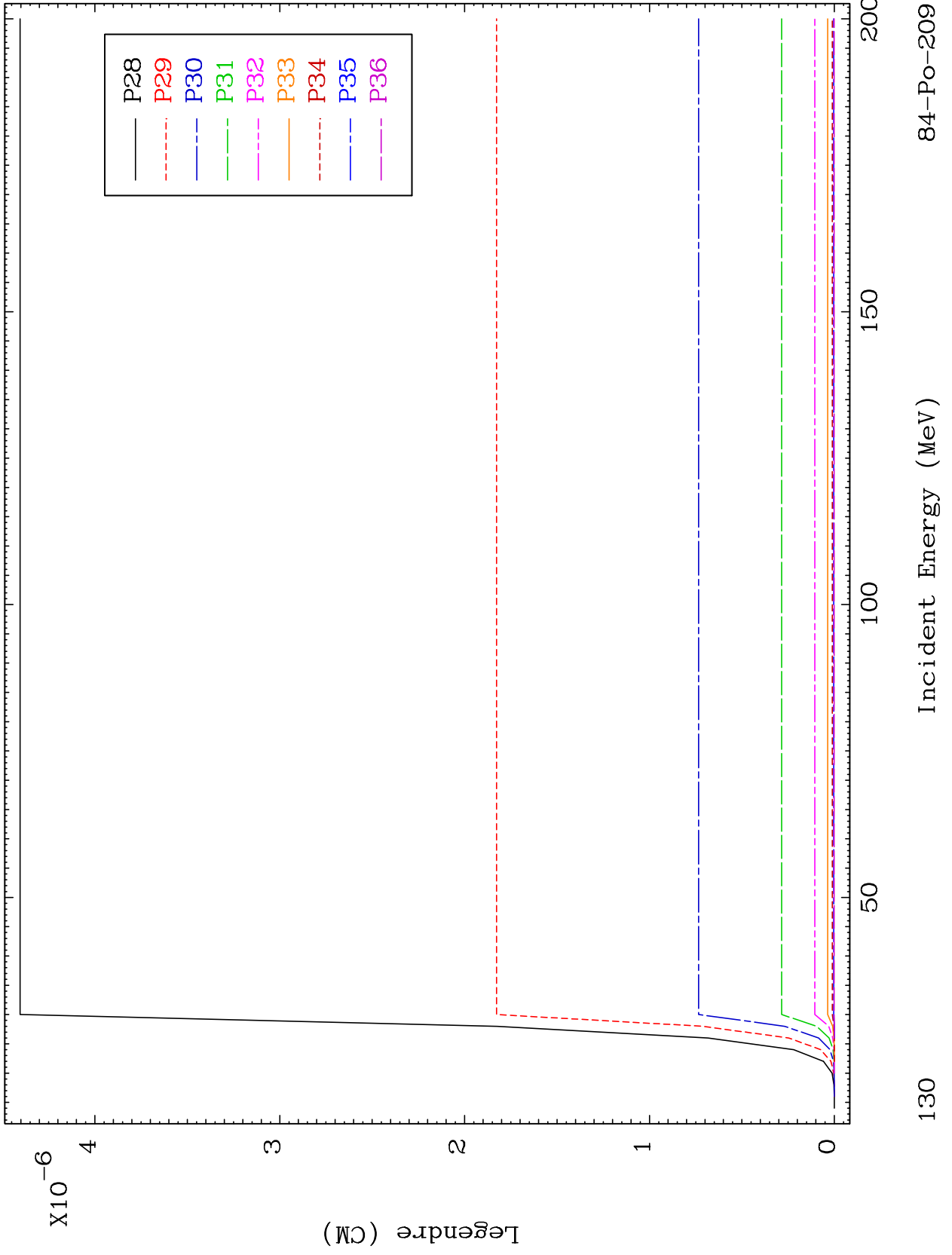
Incident Energy (MeV)

84-Po-209

MAT 8434

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

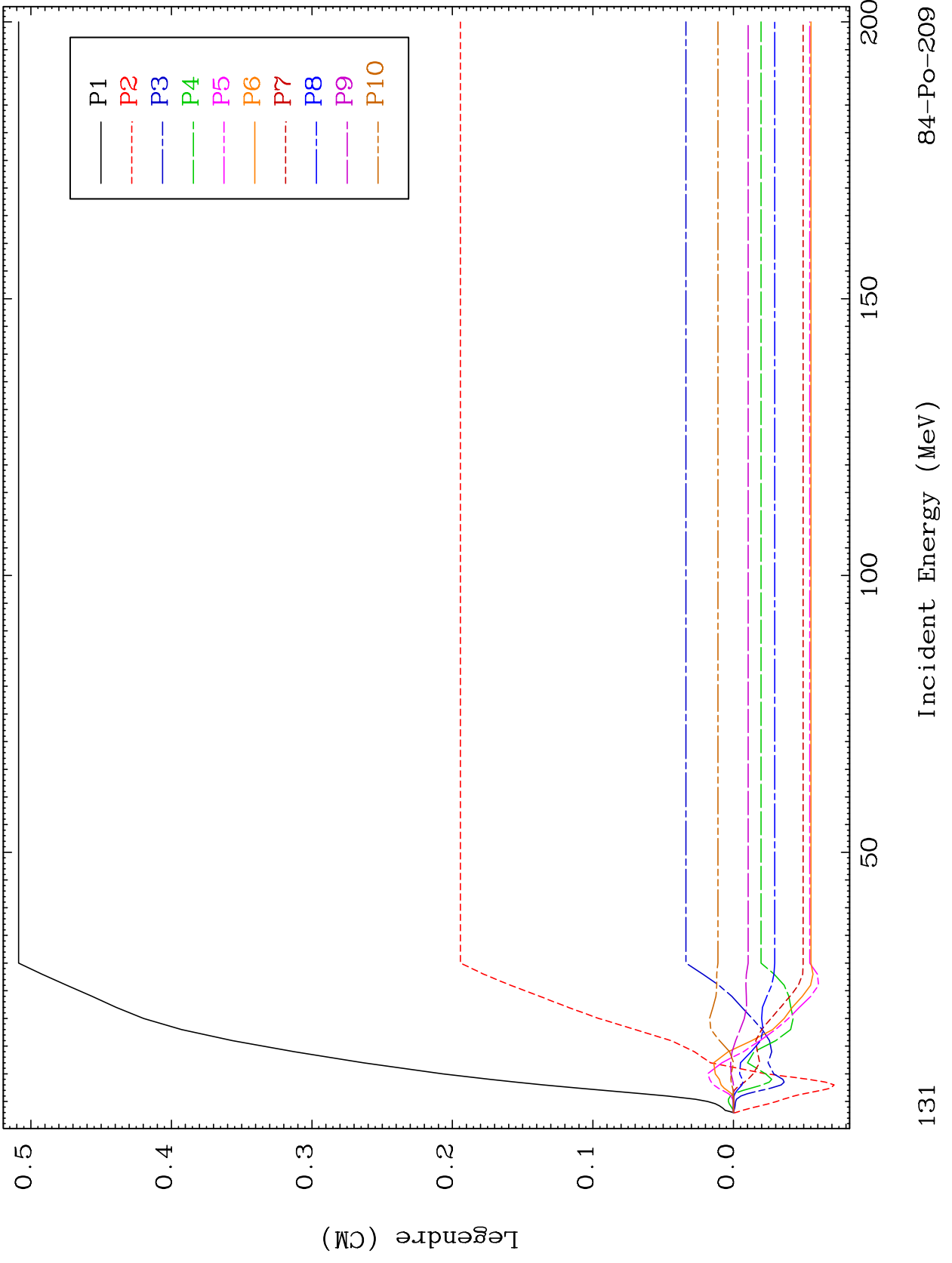
84-Po-209



MAT 8434

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

84-Po-209

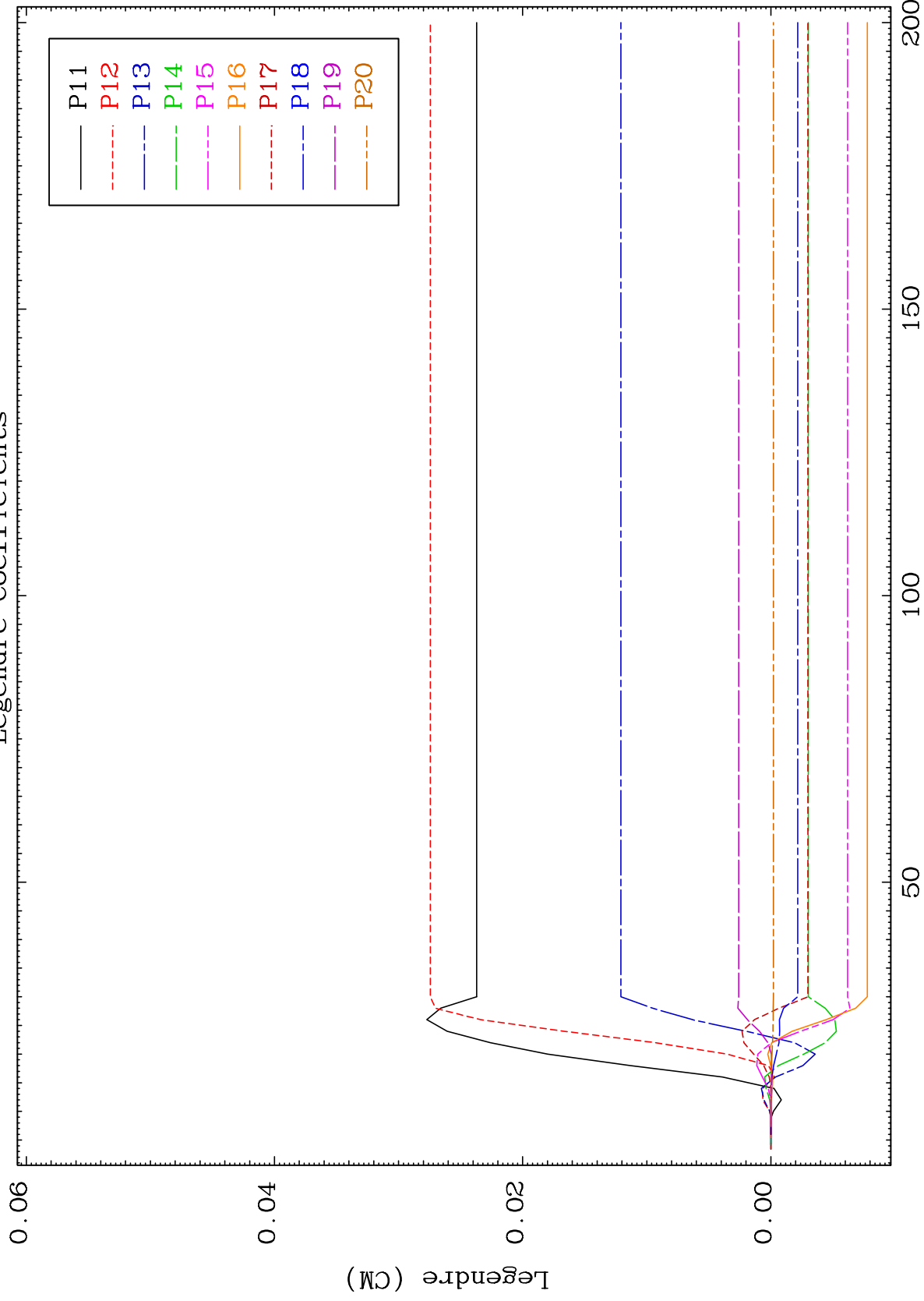


131

MAT 8434

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

84-Po-209



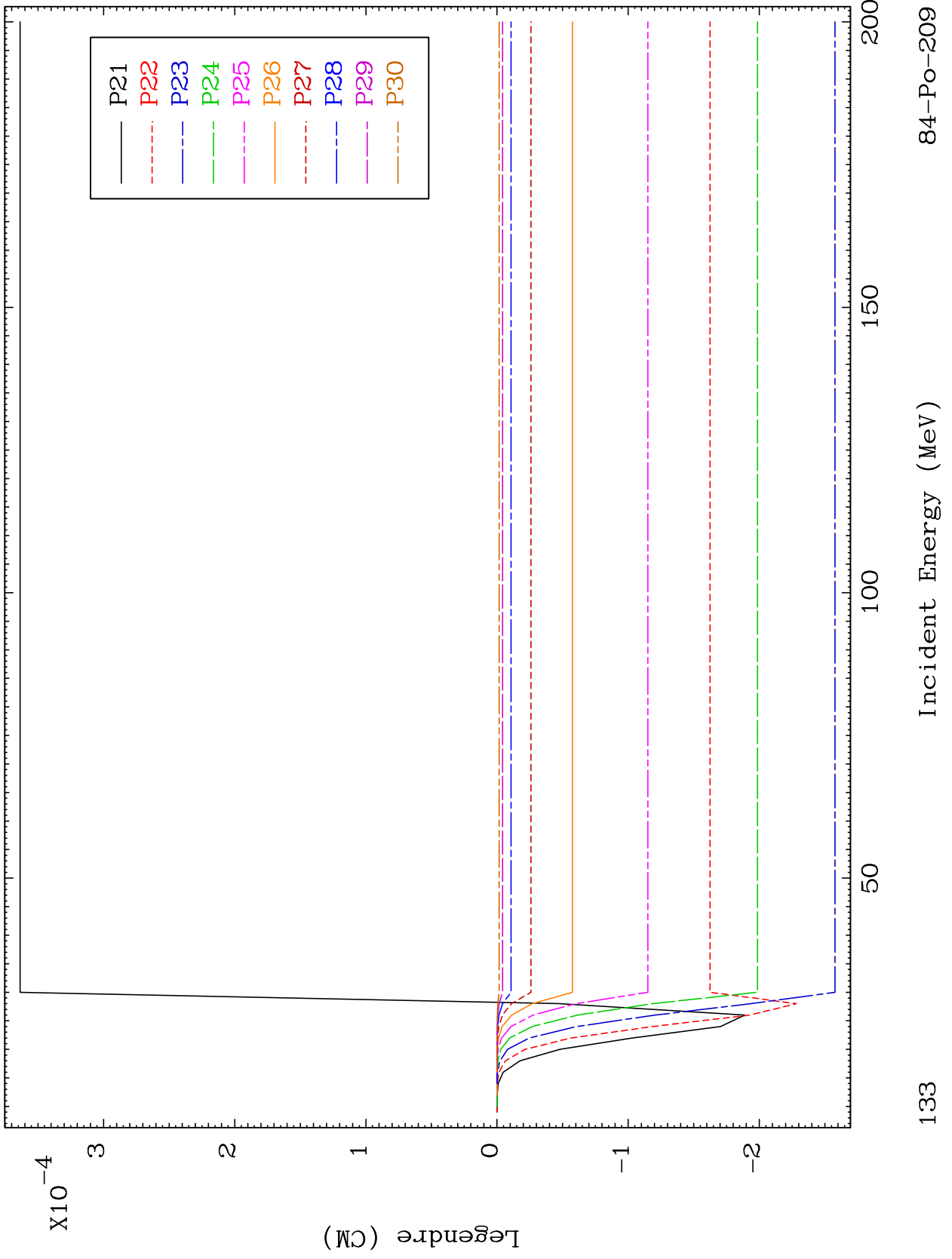
132

84-Po-209

MAT 8434

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

84-Po-209

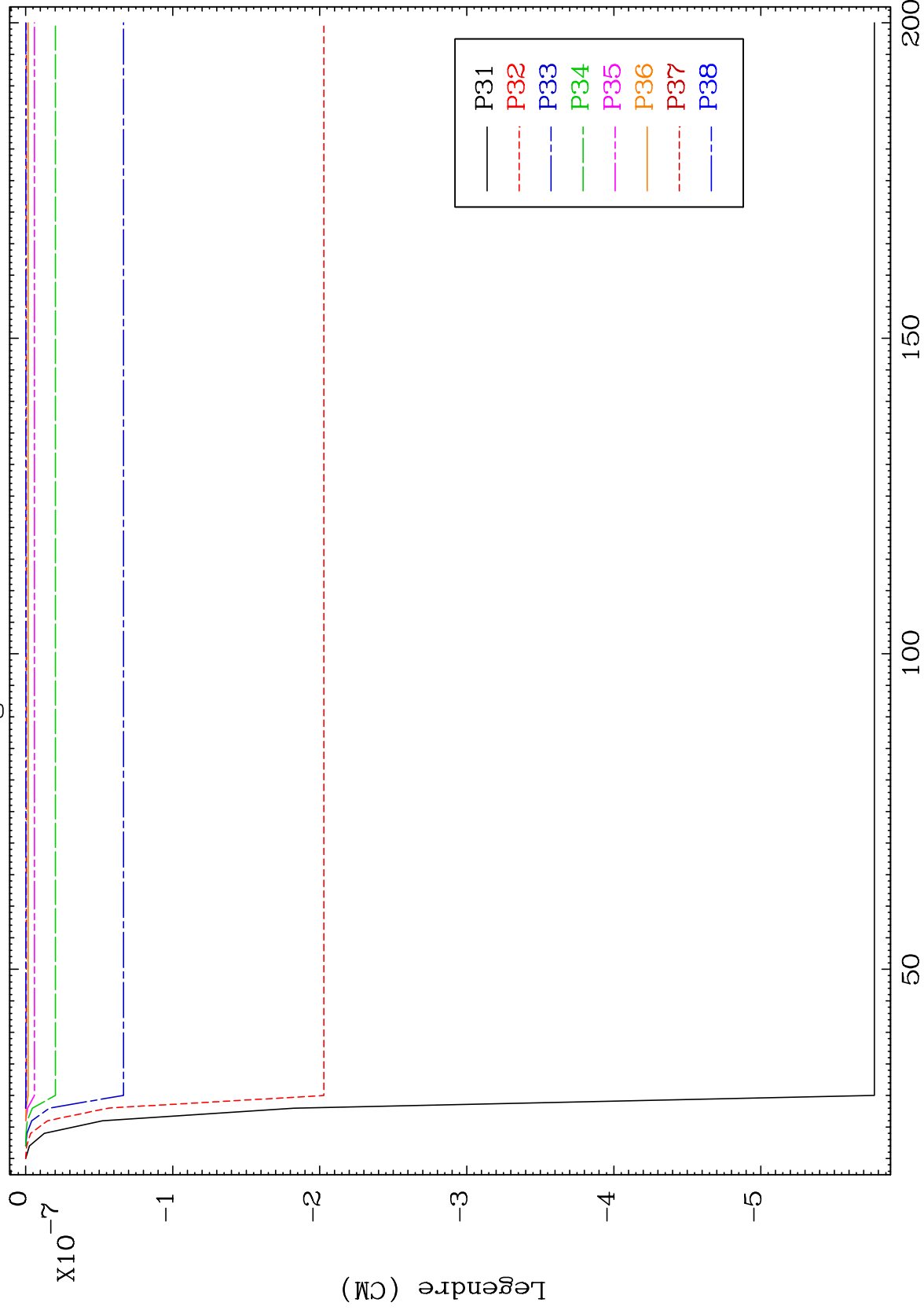


133

MAT 8434

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

84-Po-209



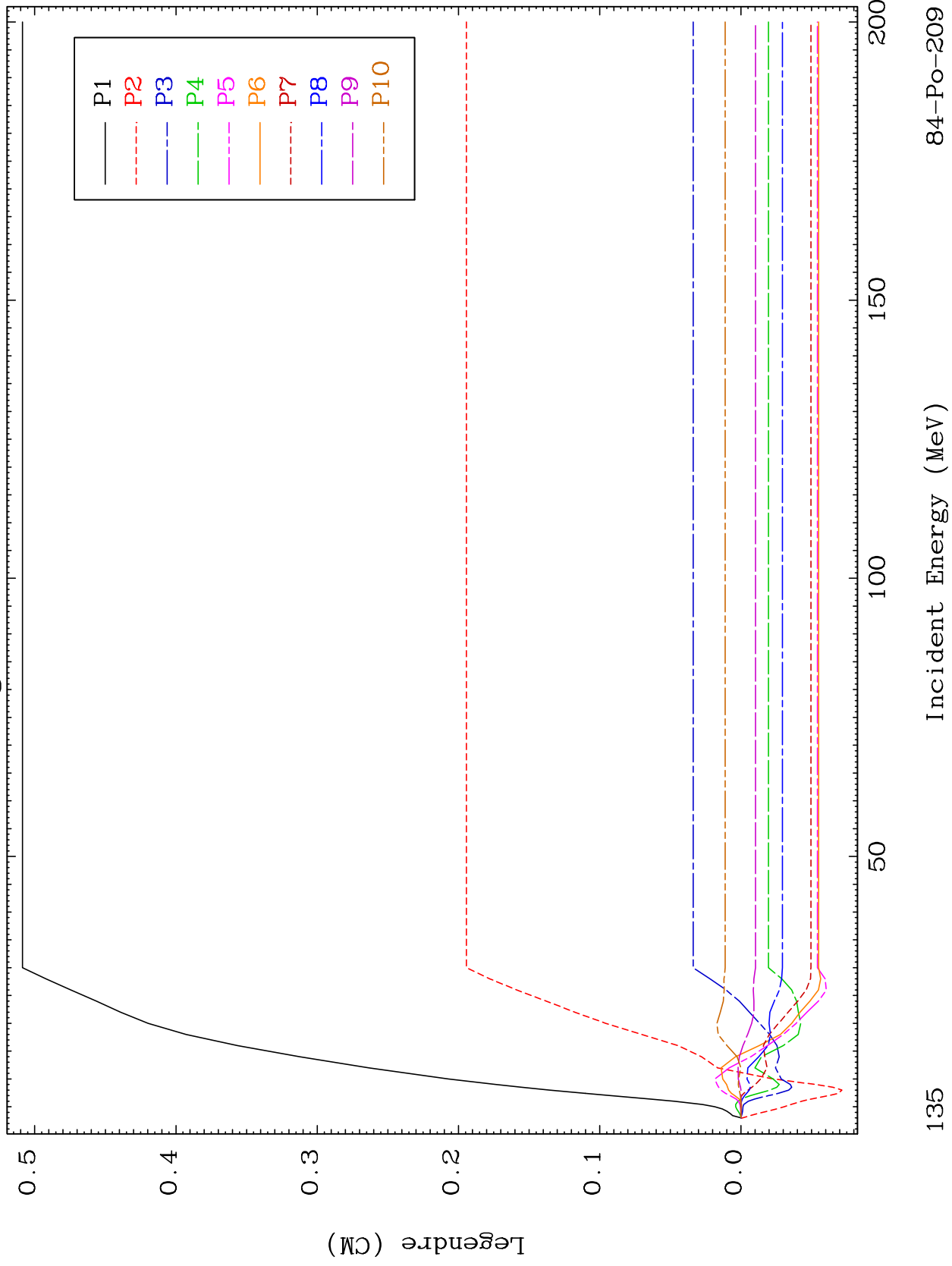
134

84-Po-209

MAT 8434

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

84-Po-209



135

Incident Energy (MeV)

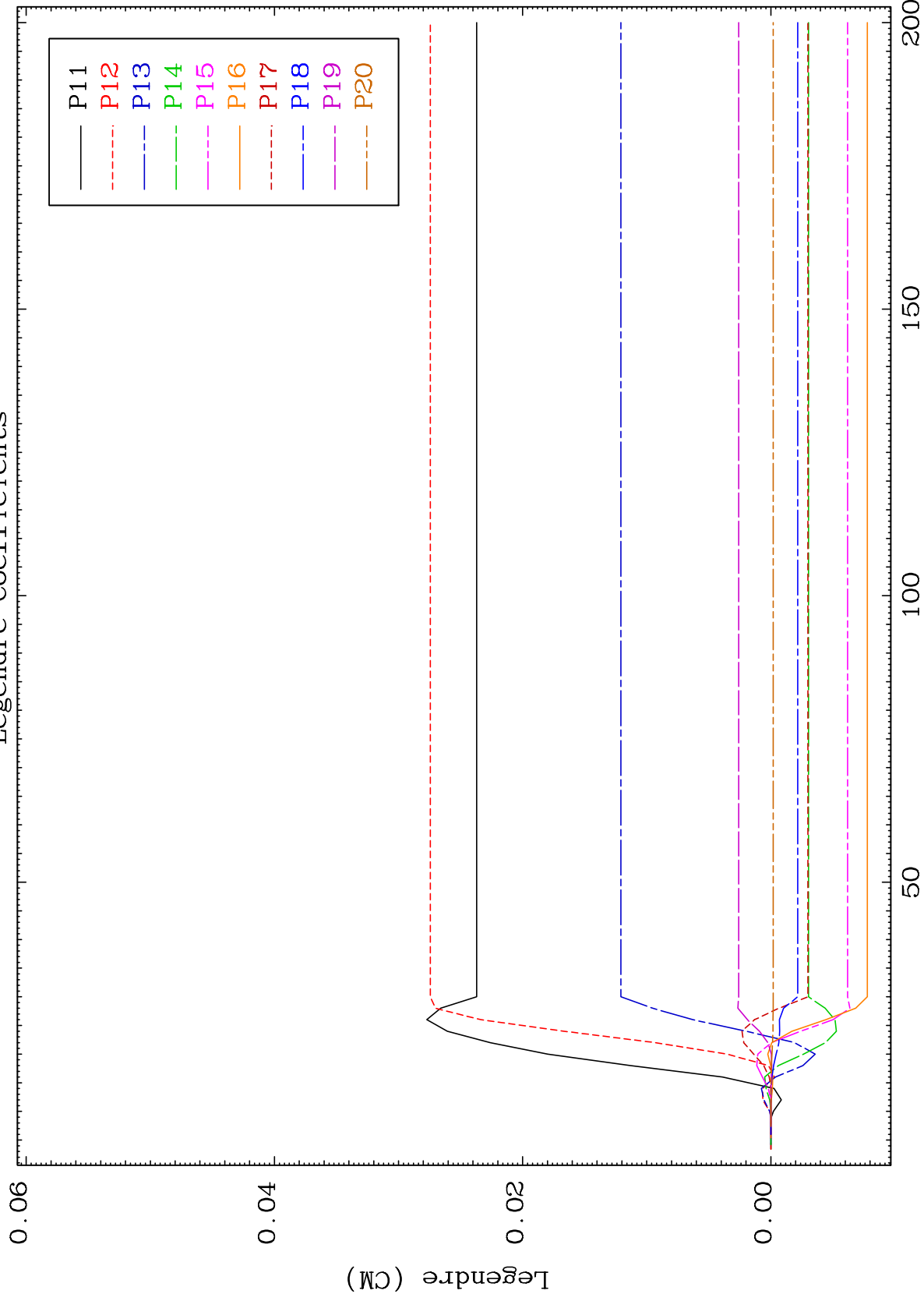
84-Po-209



MAT 8434

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

84-Po-209



136

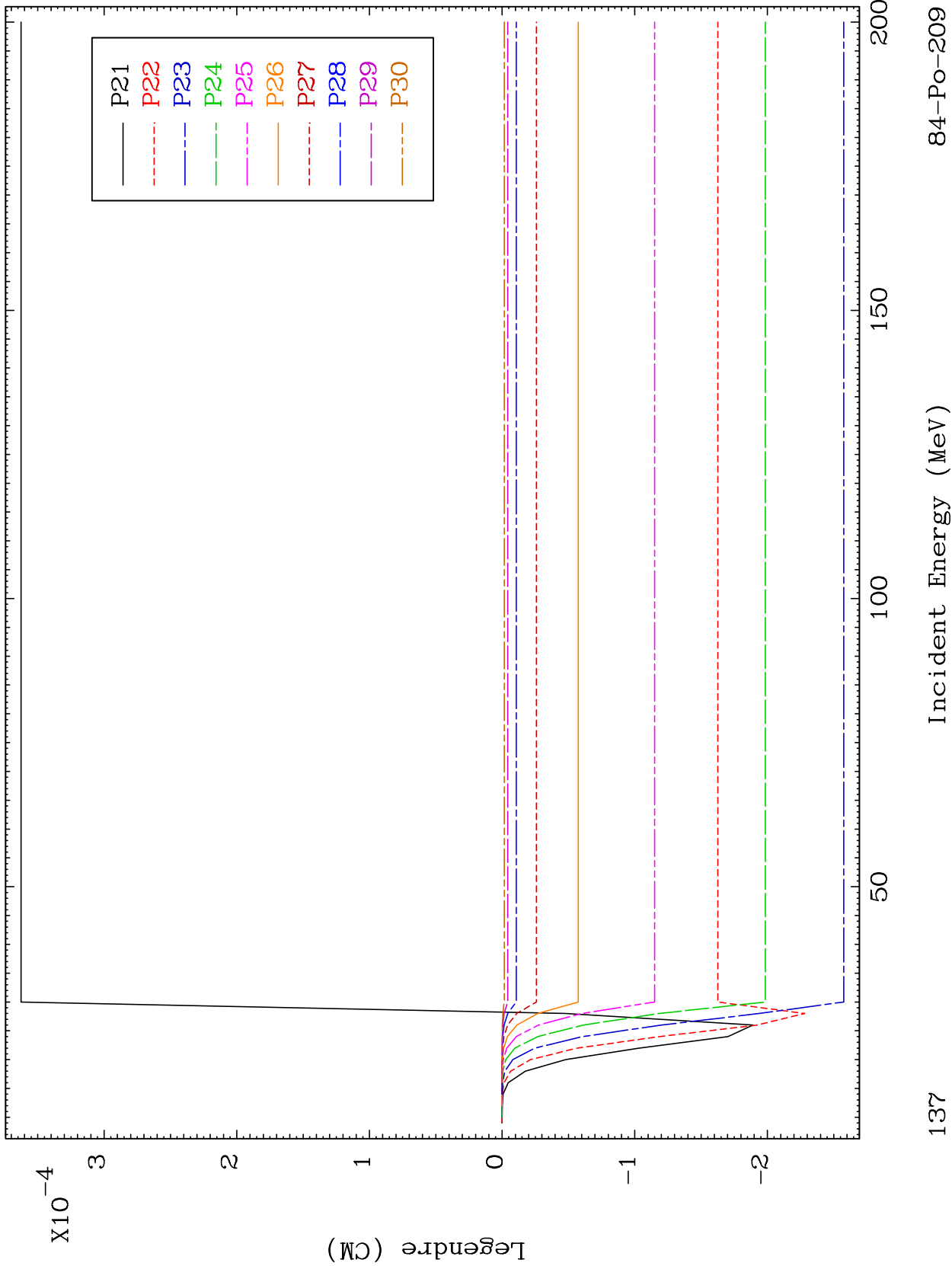
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



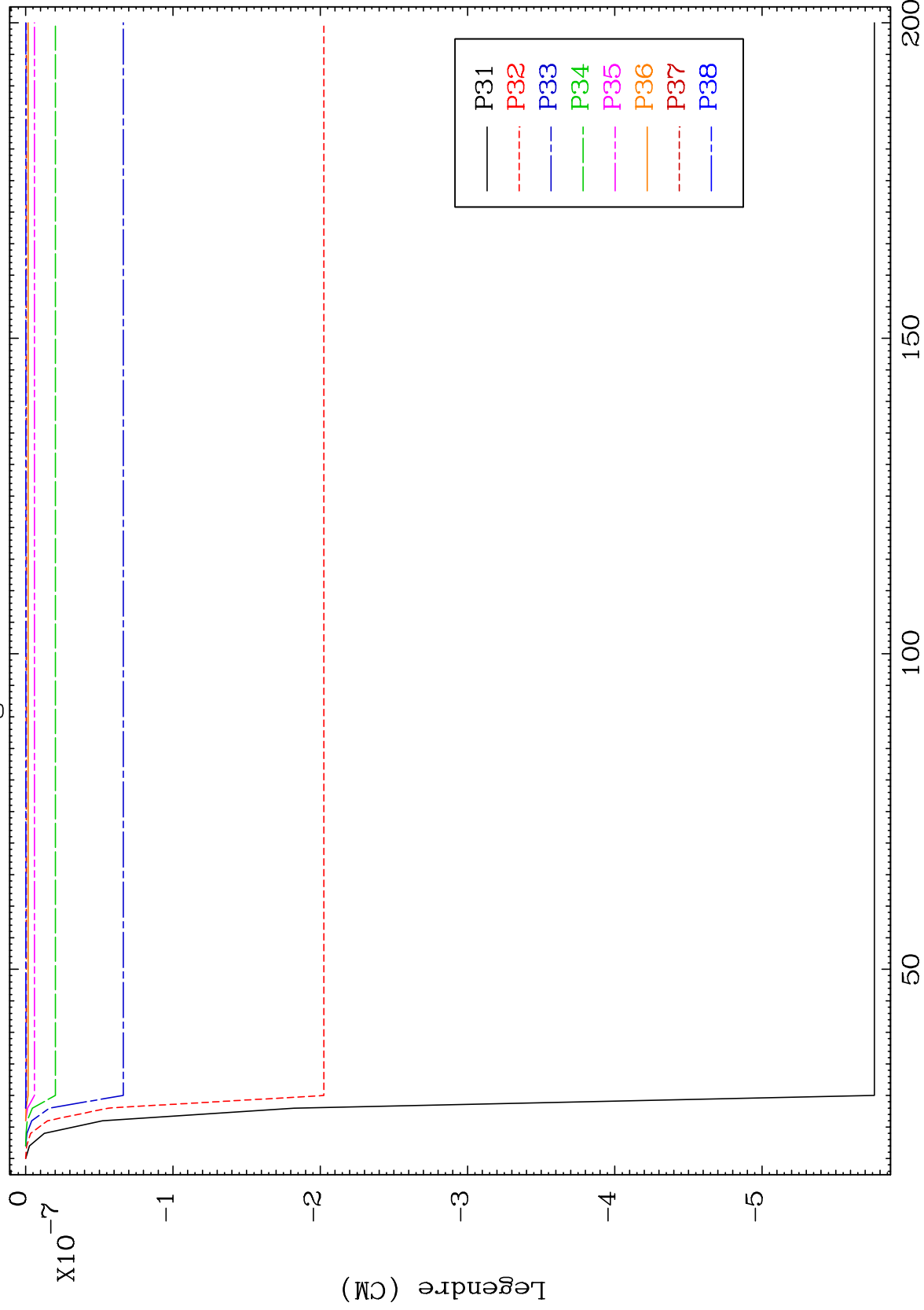
137

84-Po-209

MAT 8434

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

84-Po-209

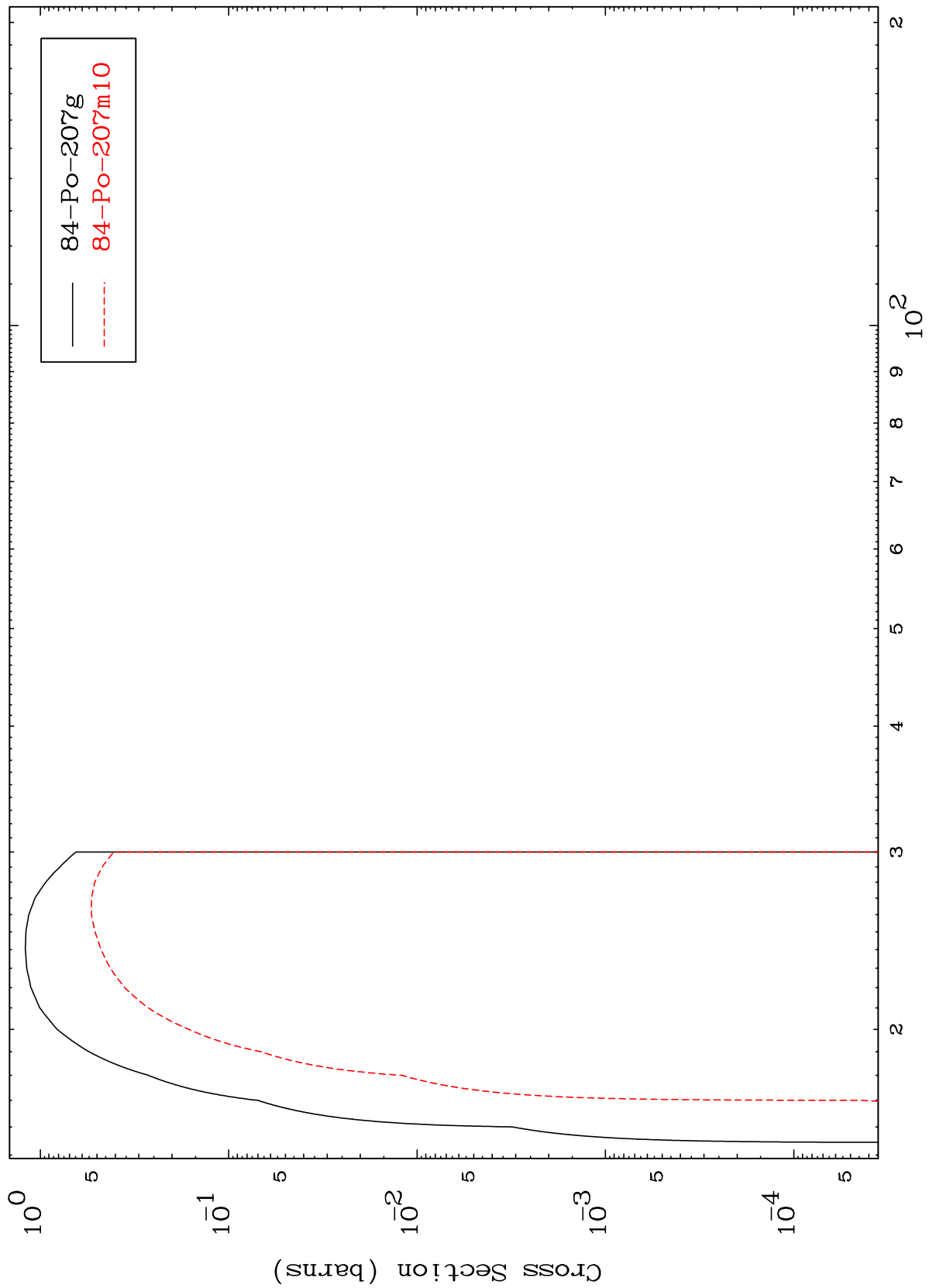


138

Incident Energy (MeV)

84-Po-209

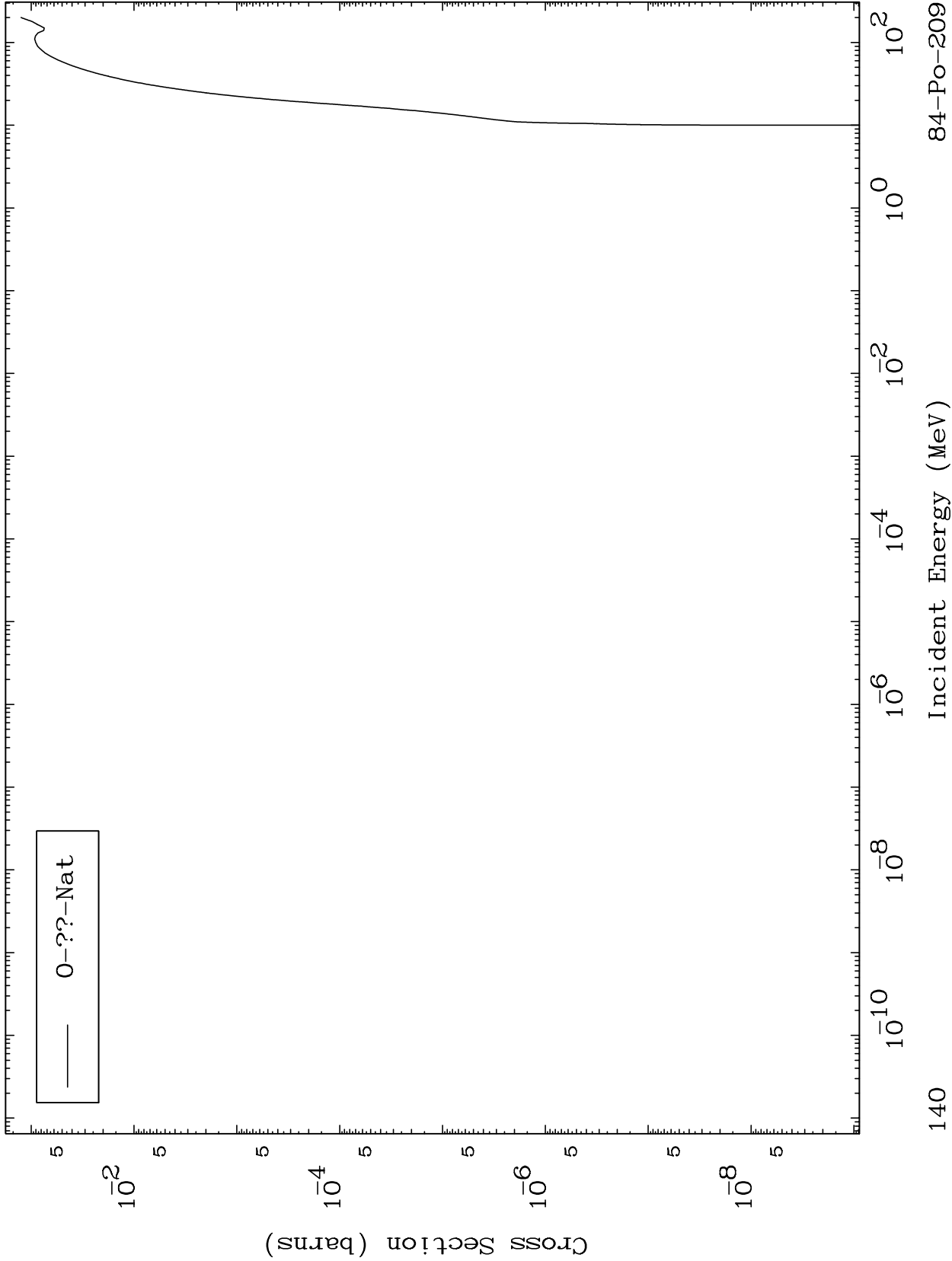
(n,3n)  
Radionuclide Production Cross Section



MAT 8434

Fission  
Radionuclide Production Cross Section

84-Po-209



140

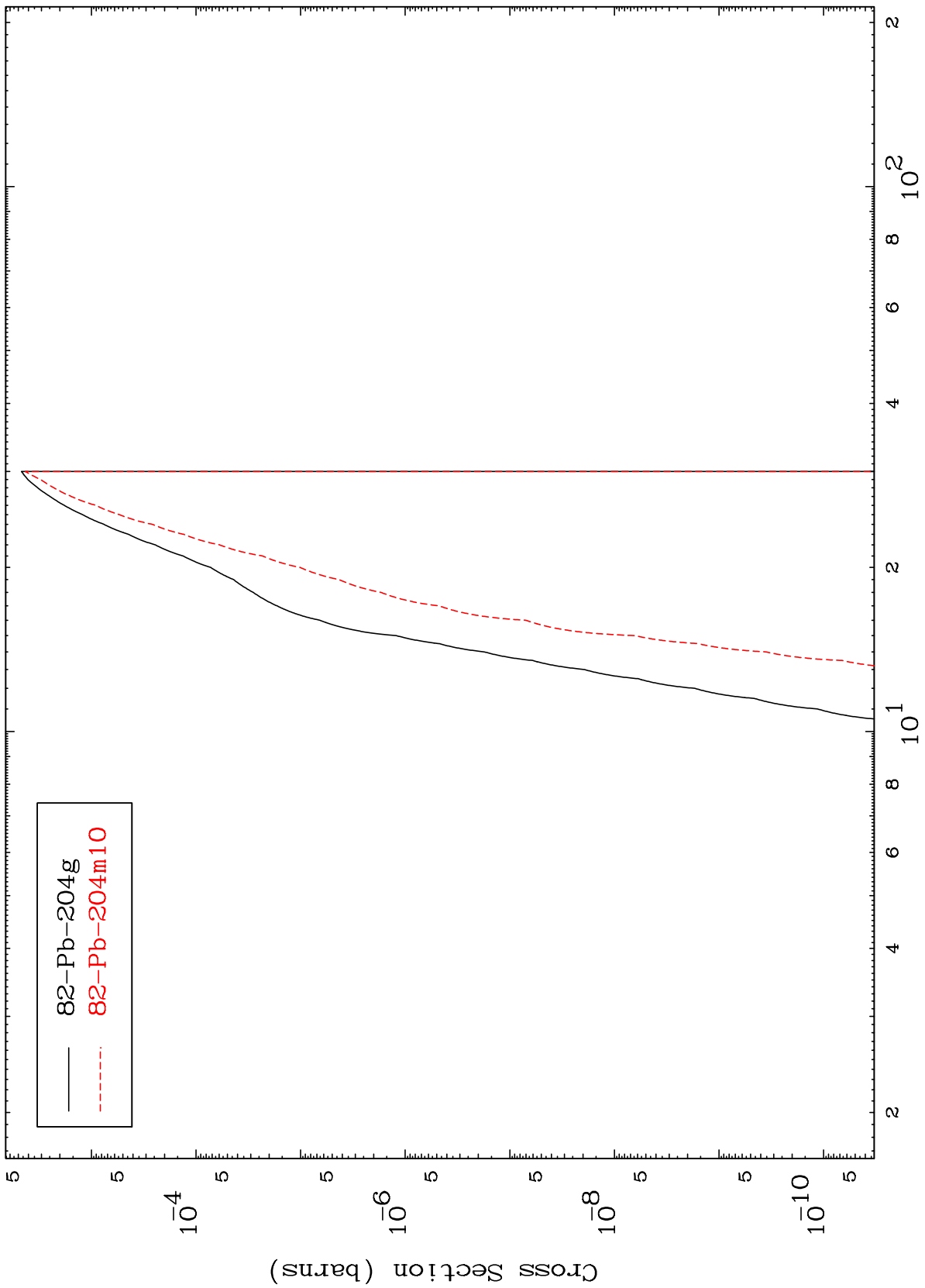
84-Po-209

MAT 8434

(n,2n)  $\alpha$

84-Po-209

Radionuclide Production Cross Section



141

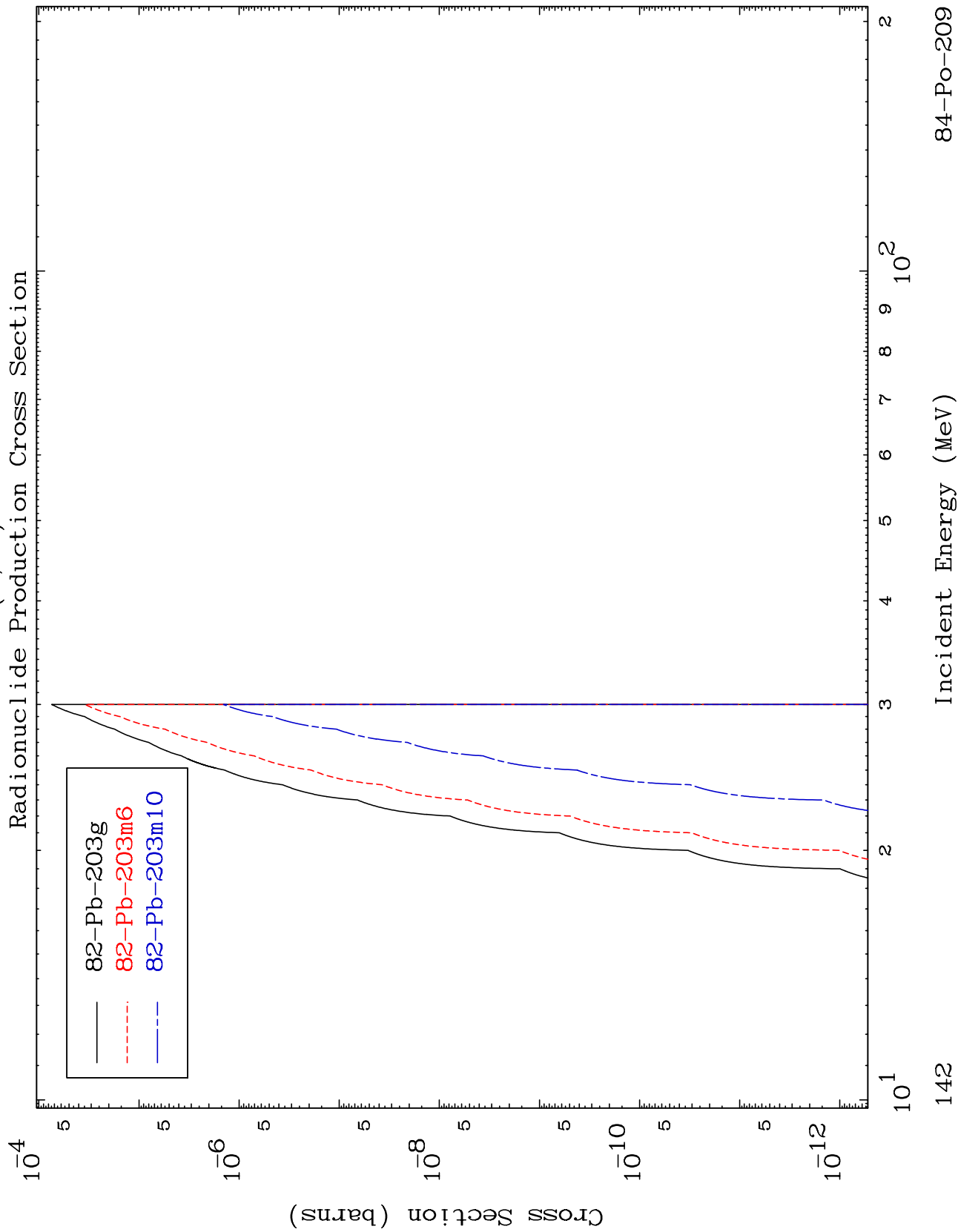
Incident Energy (MeV)

84-Po-209

MAT 8434

(n,3n)  $\alpha$

84-Po-209

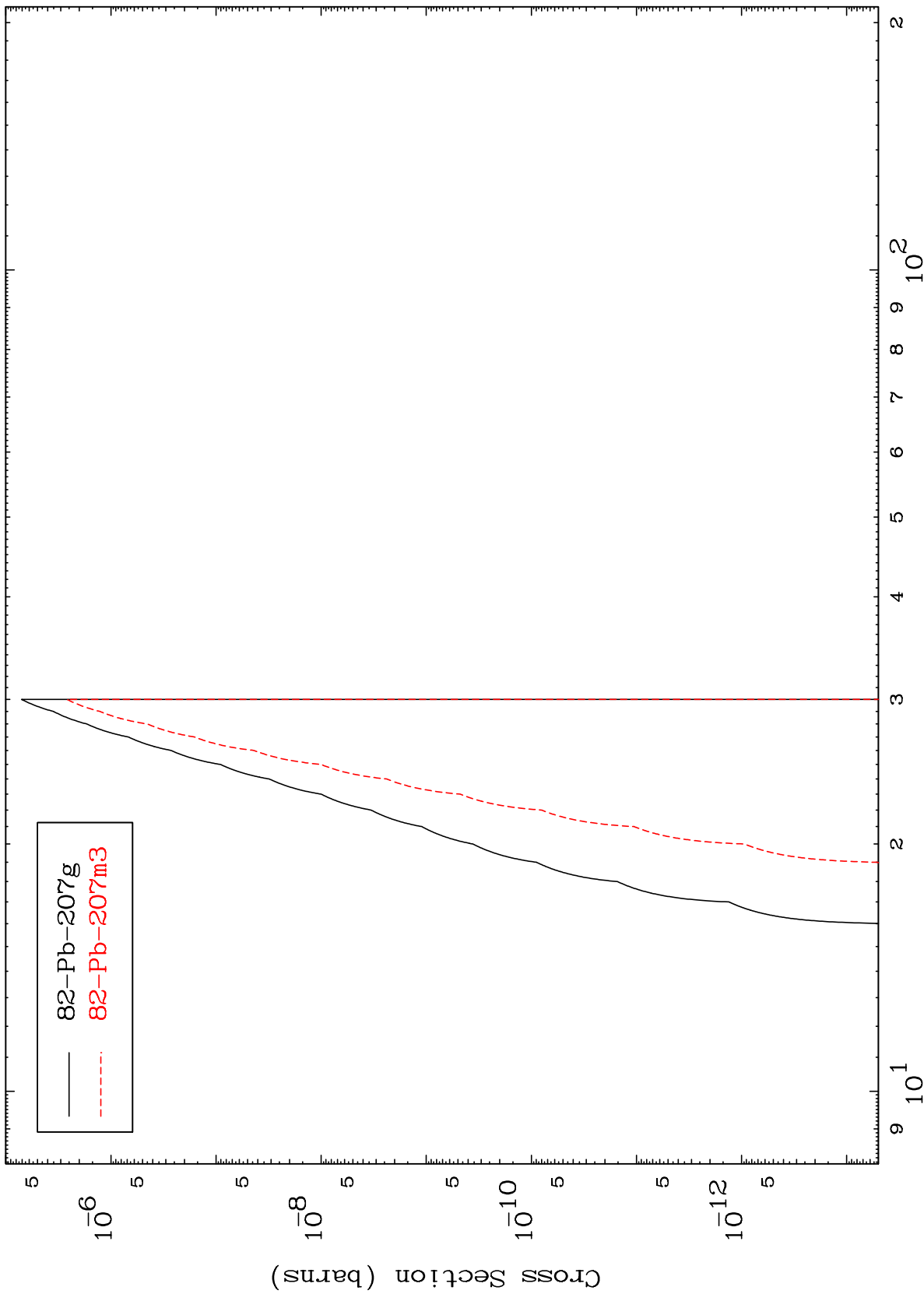


MAT 8434

(n,2n) p

84-Po-209

Radionuclide Production Cross Section



143

Incident Energy (MeV)

84-Po-209

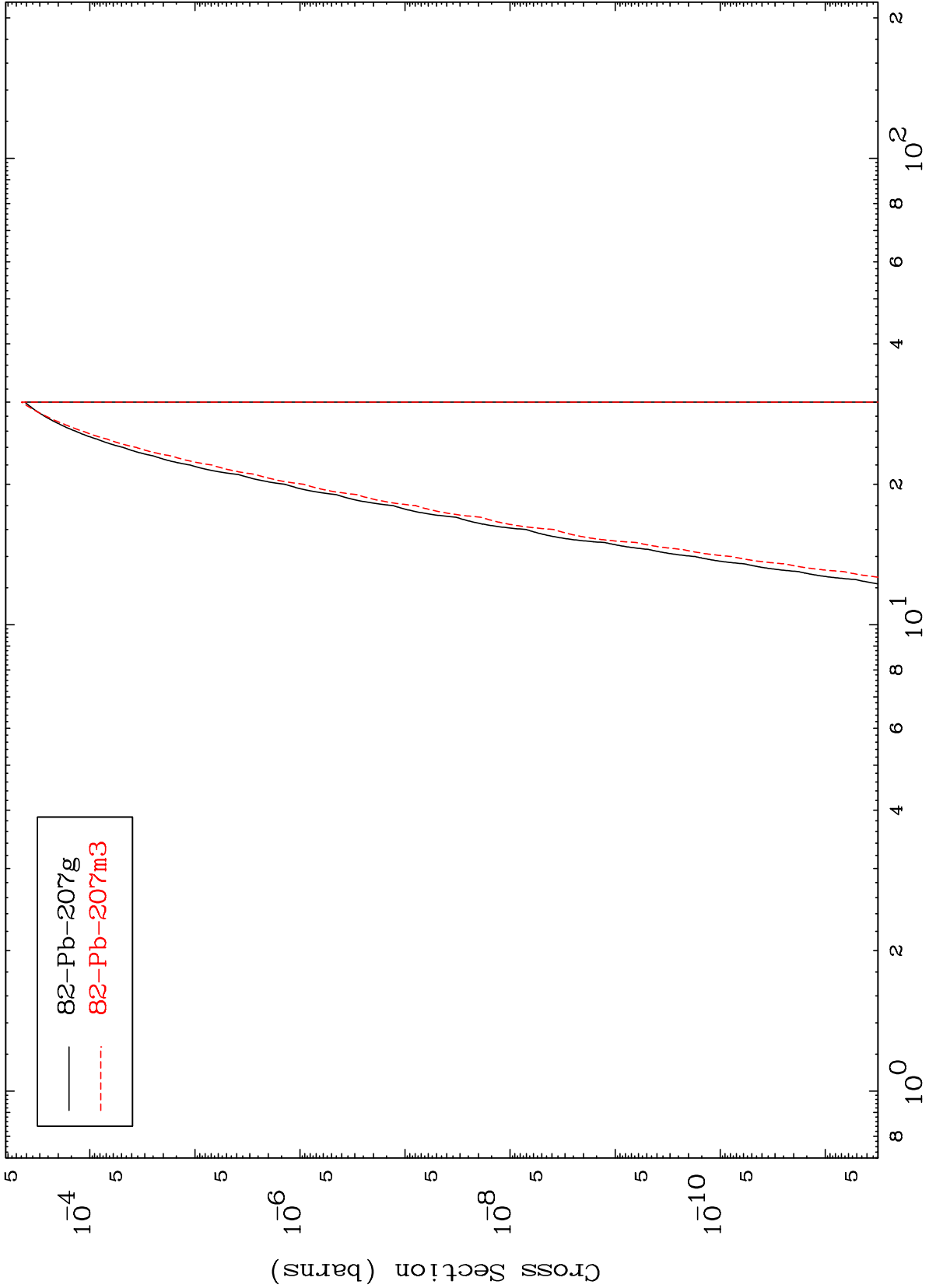


MAT 8434

(n,He-3)

84-Po-209

Radionuclide Production Cross Section



144

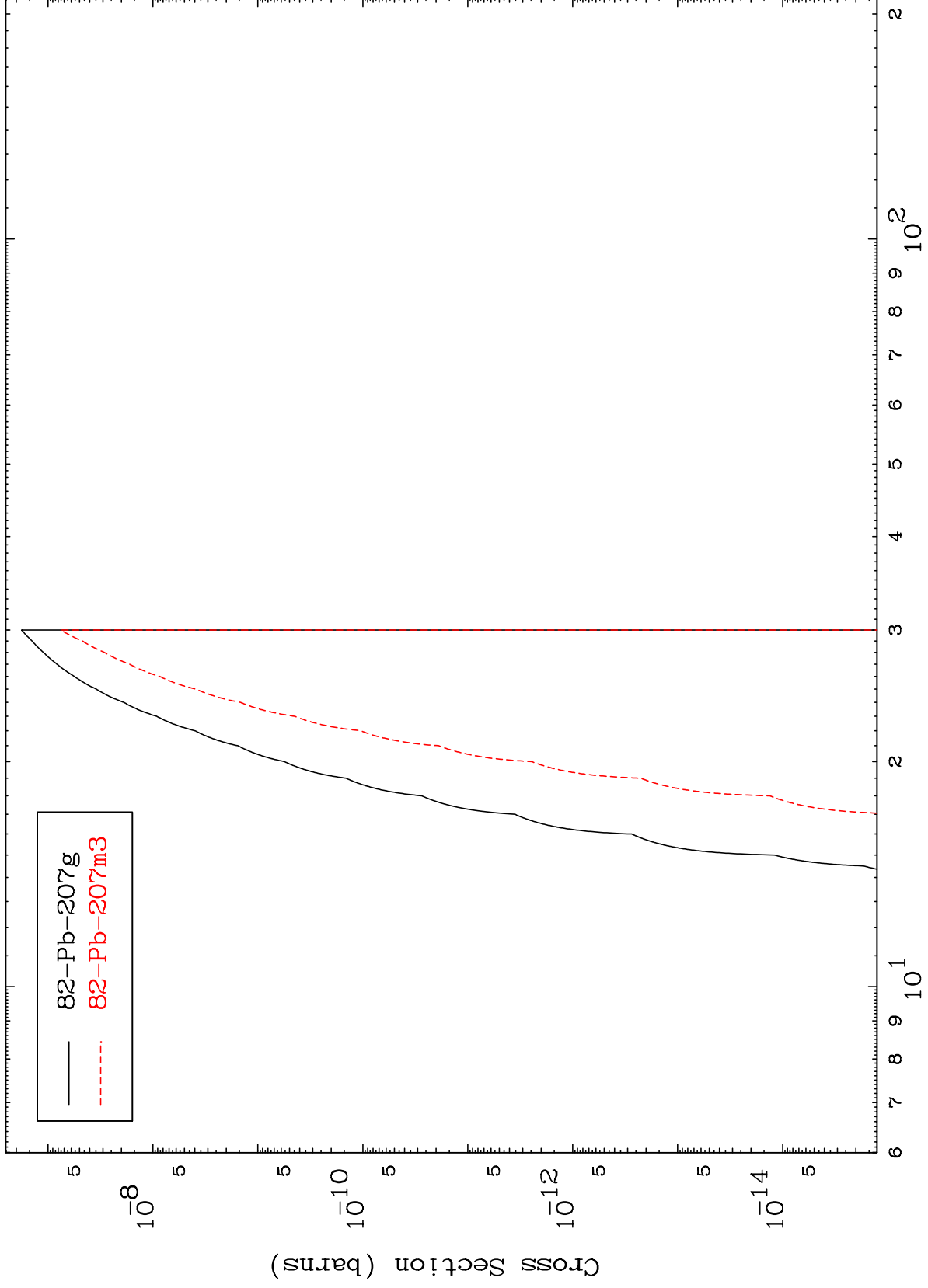
84-Po-209

MAT 8434

(n,p) d

84-Po-209

Radionuclide Production Cross Section



145

Incident Energy (MeV)

84-Po-209