

Program EVALPLOT
(Version 2018-1)

by

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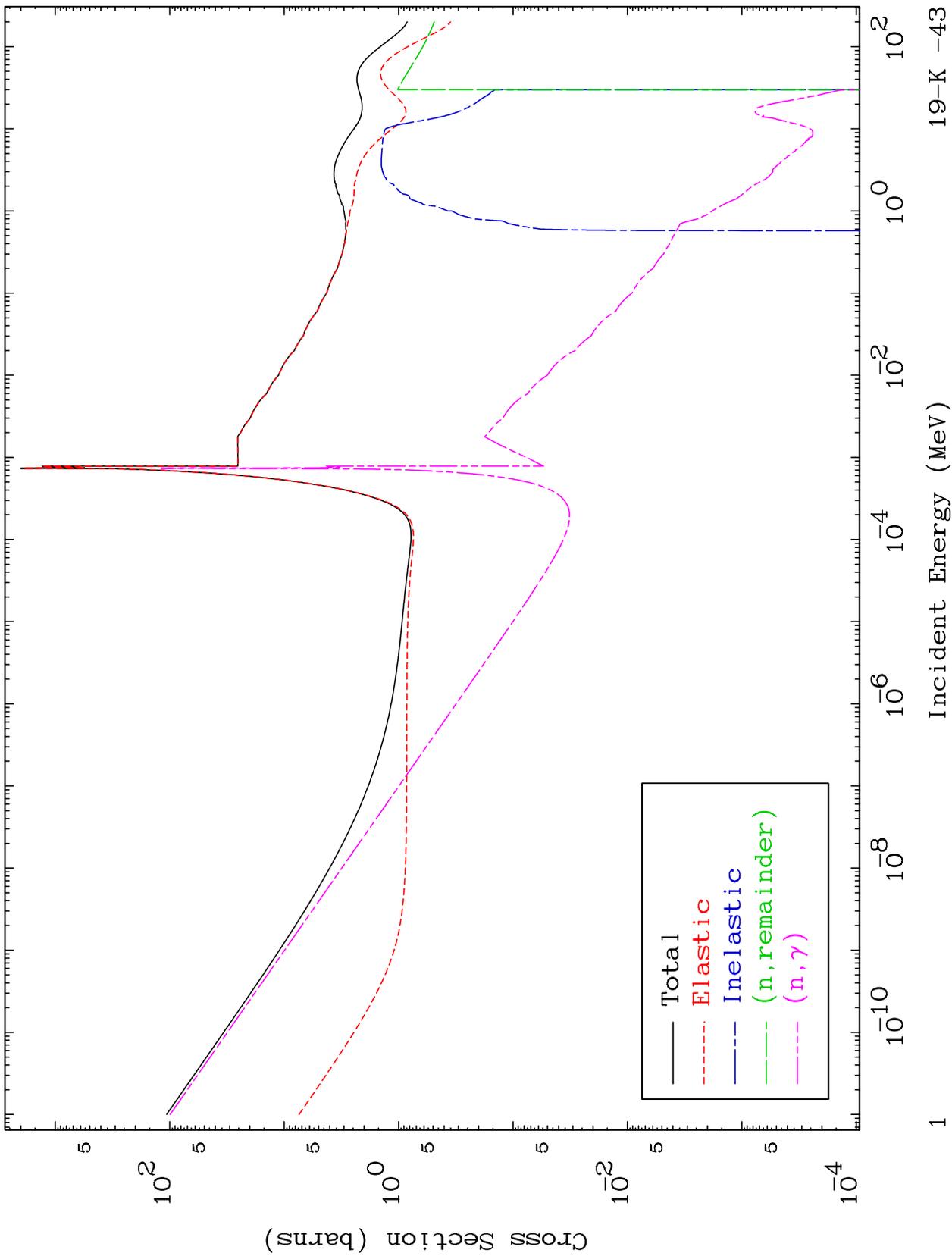
Press Mouse Button to Start

MAT 1937

Major

293 Kelvin Cross Sections

19-K -43



1

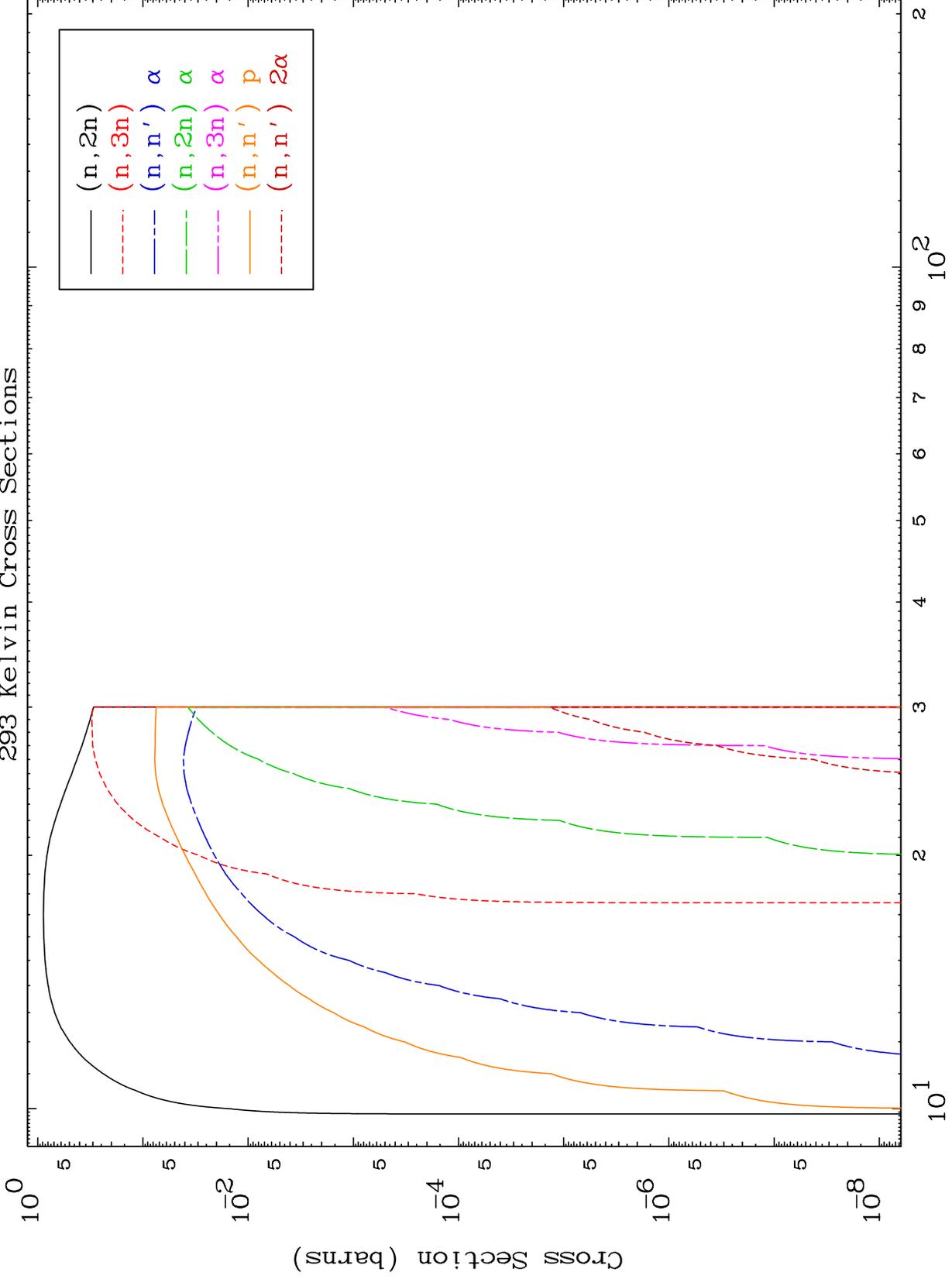
Incident Energy (MeV)

19-K -43

MAT 1937

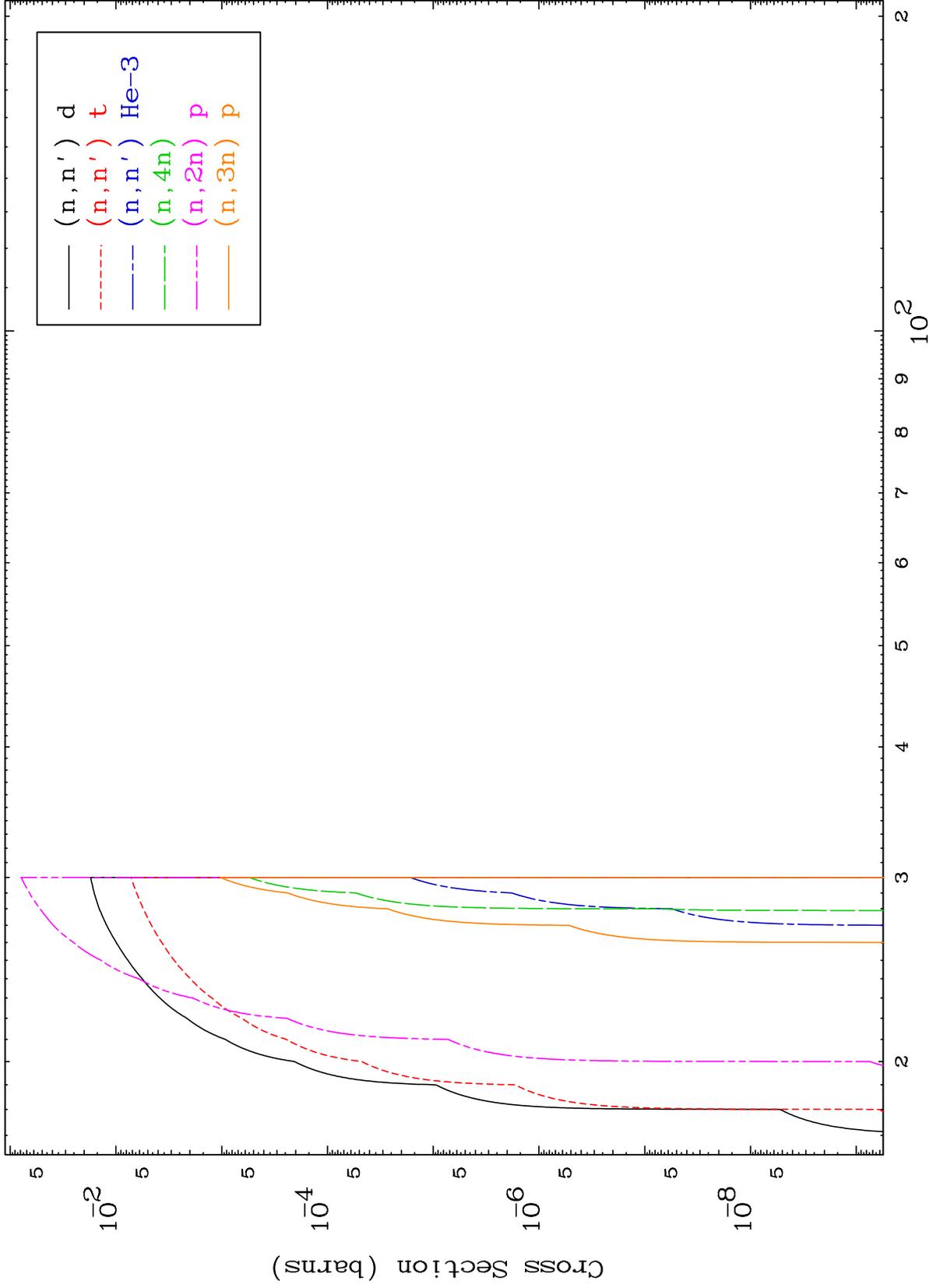
Neutron Production
293 Kelvin Cross Sections

19-K -43



Incident Energy (MeV)

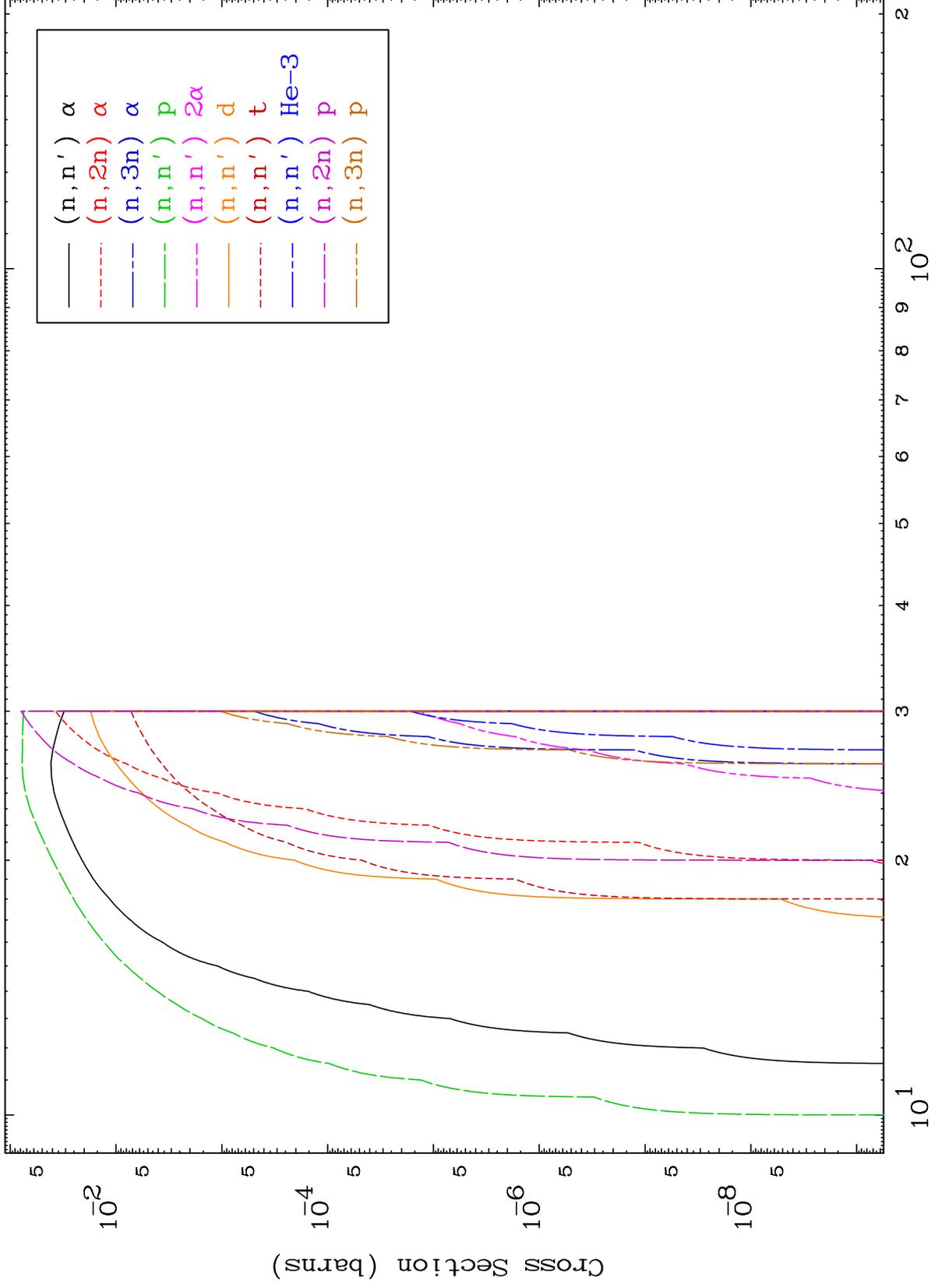
19-K -43



MAT 1937

Charged Particle
293 Kelvin Cross Sections

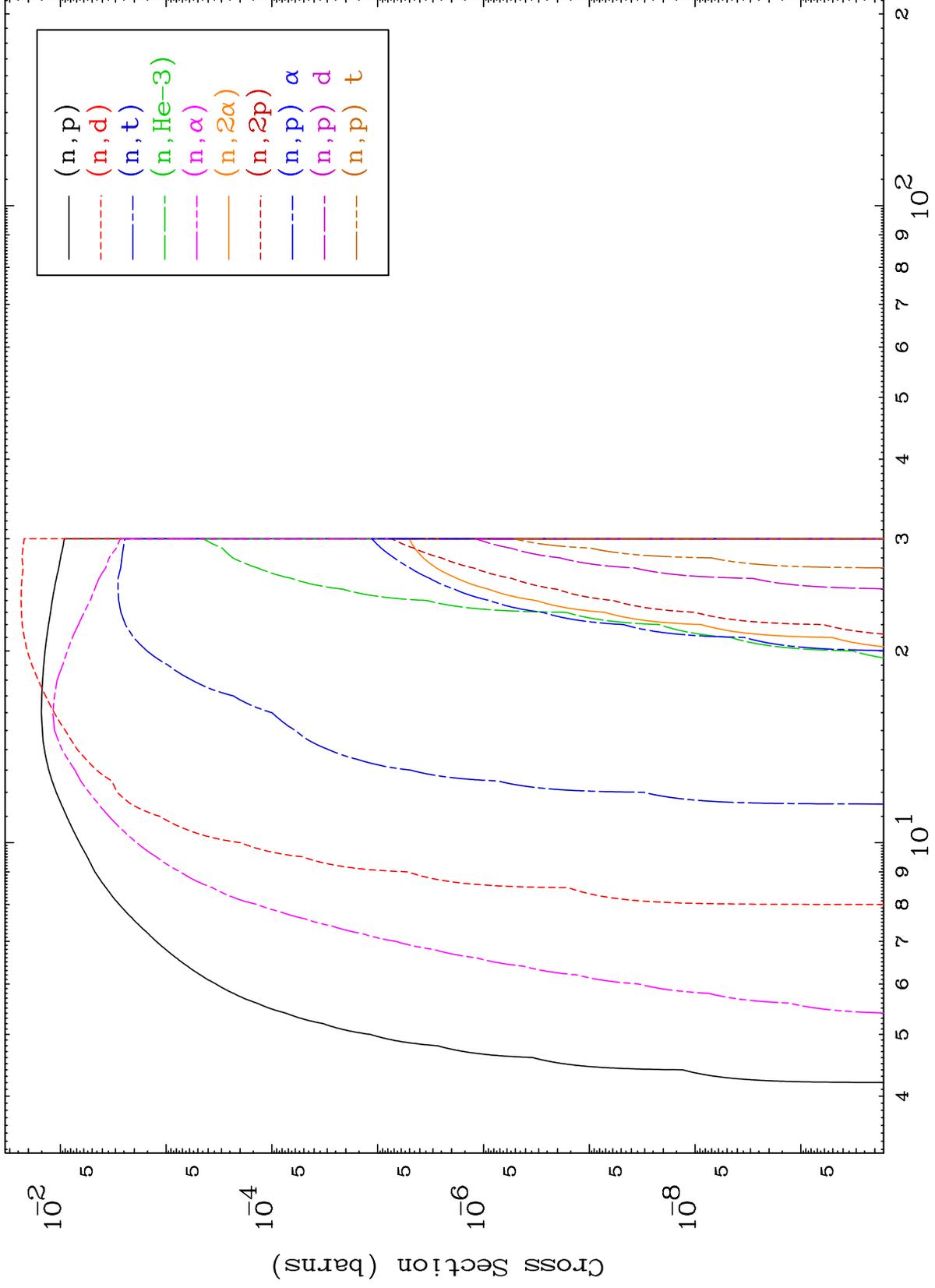
19-K -43



Incident Energy (MeV)

19-K -43

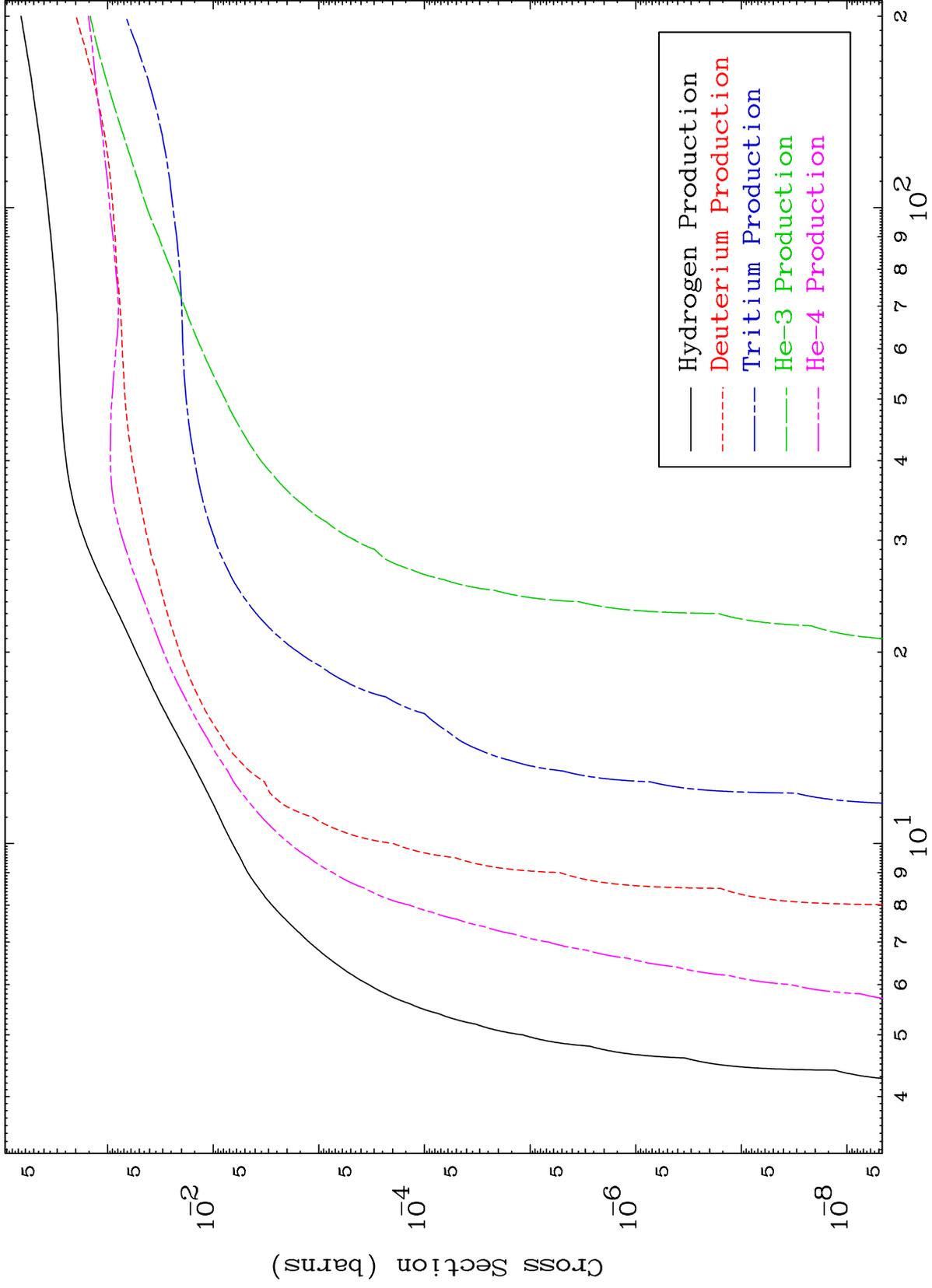
4



MAT 1937

Particle Production
293 Kelvin Cross Sections

19-K -43

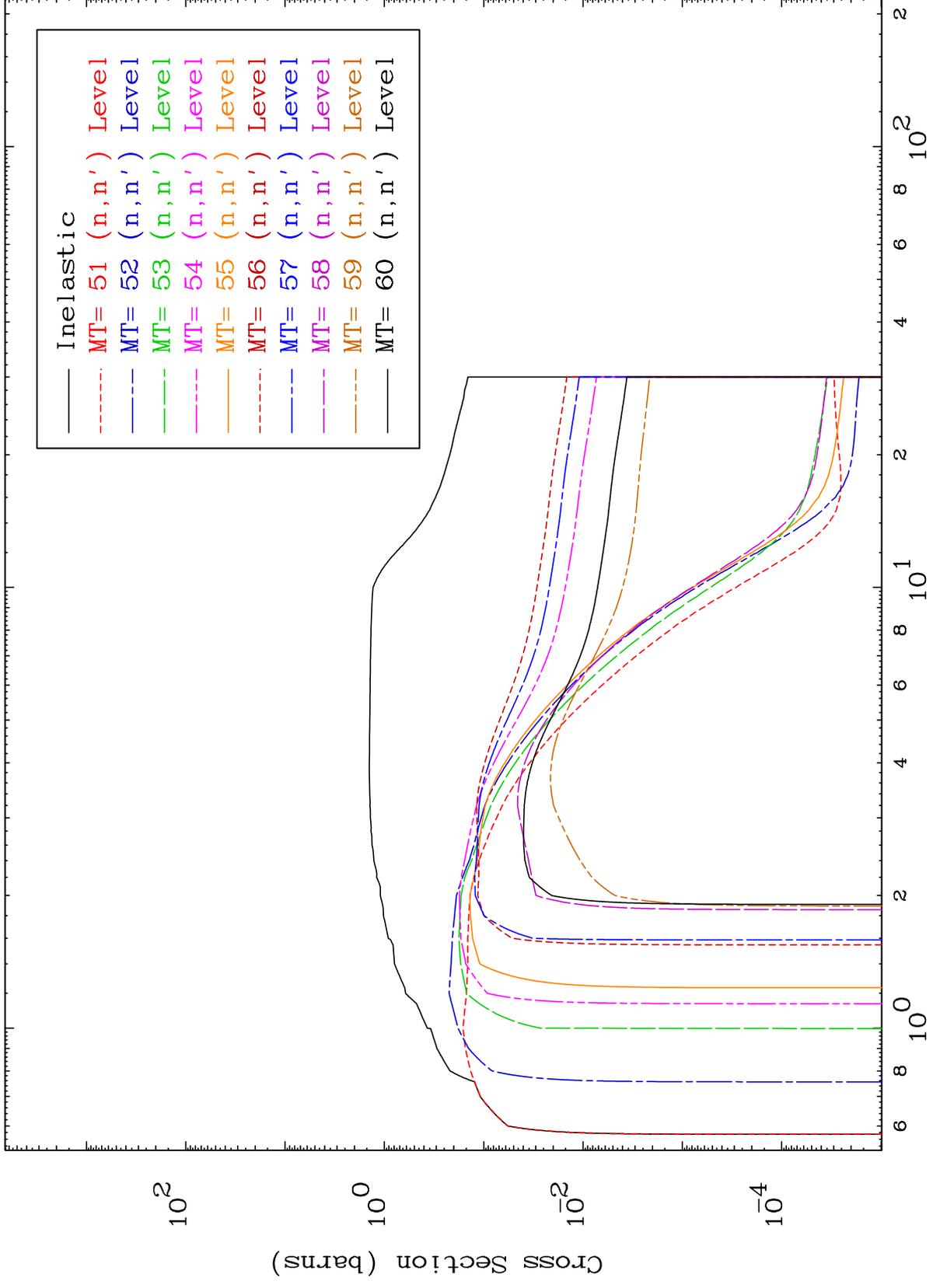


6

Incident Energy (MeV)

19-K -43

293 Kelvin Cross Sections

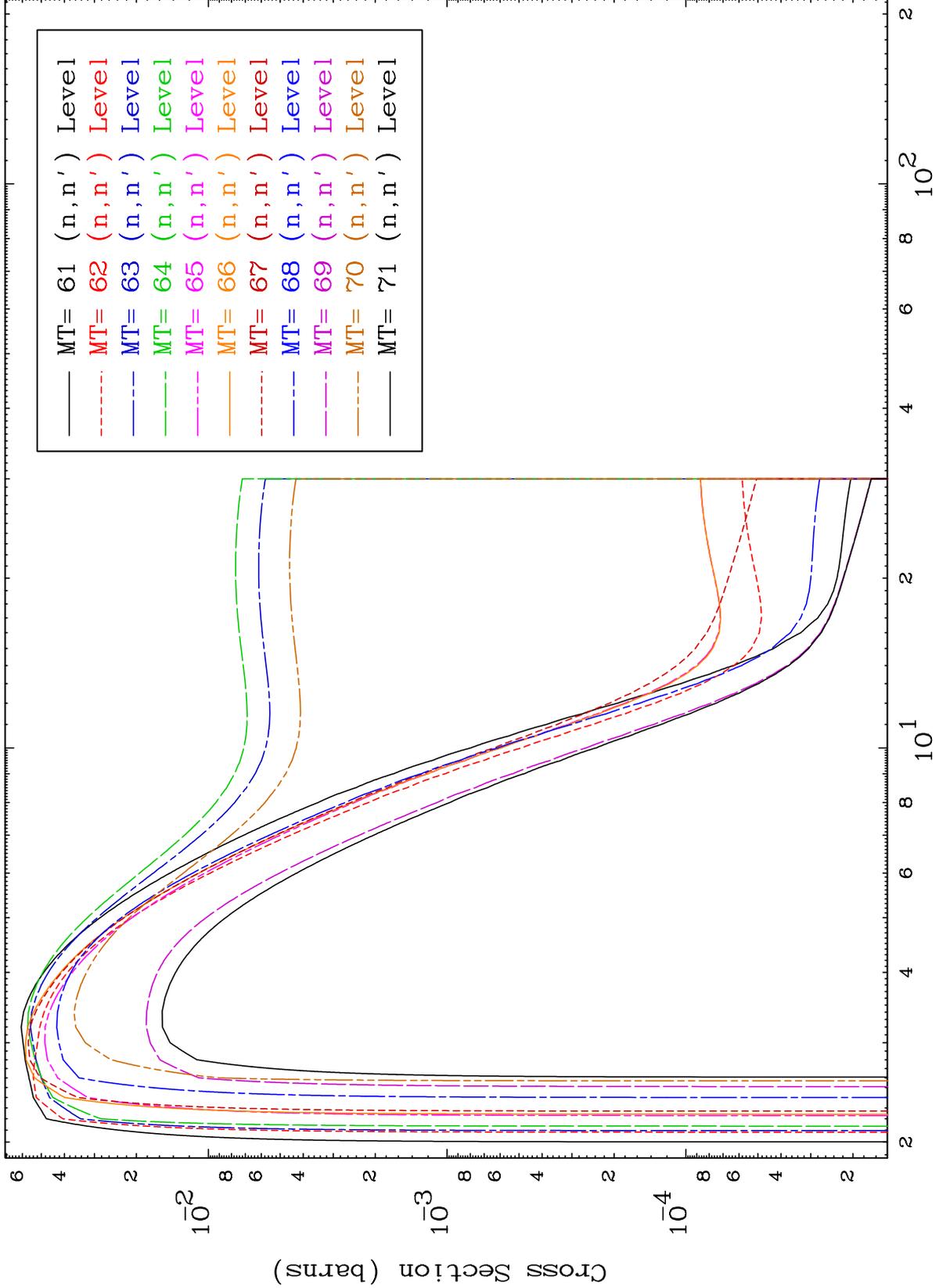


MAT 1937

(n,n') Level

19-K -43

293 Kelvin Cross Sections

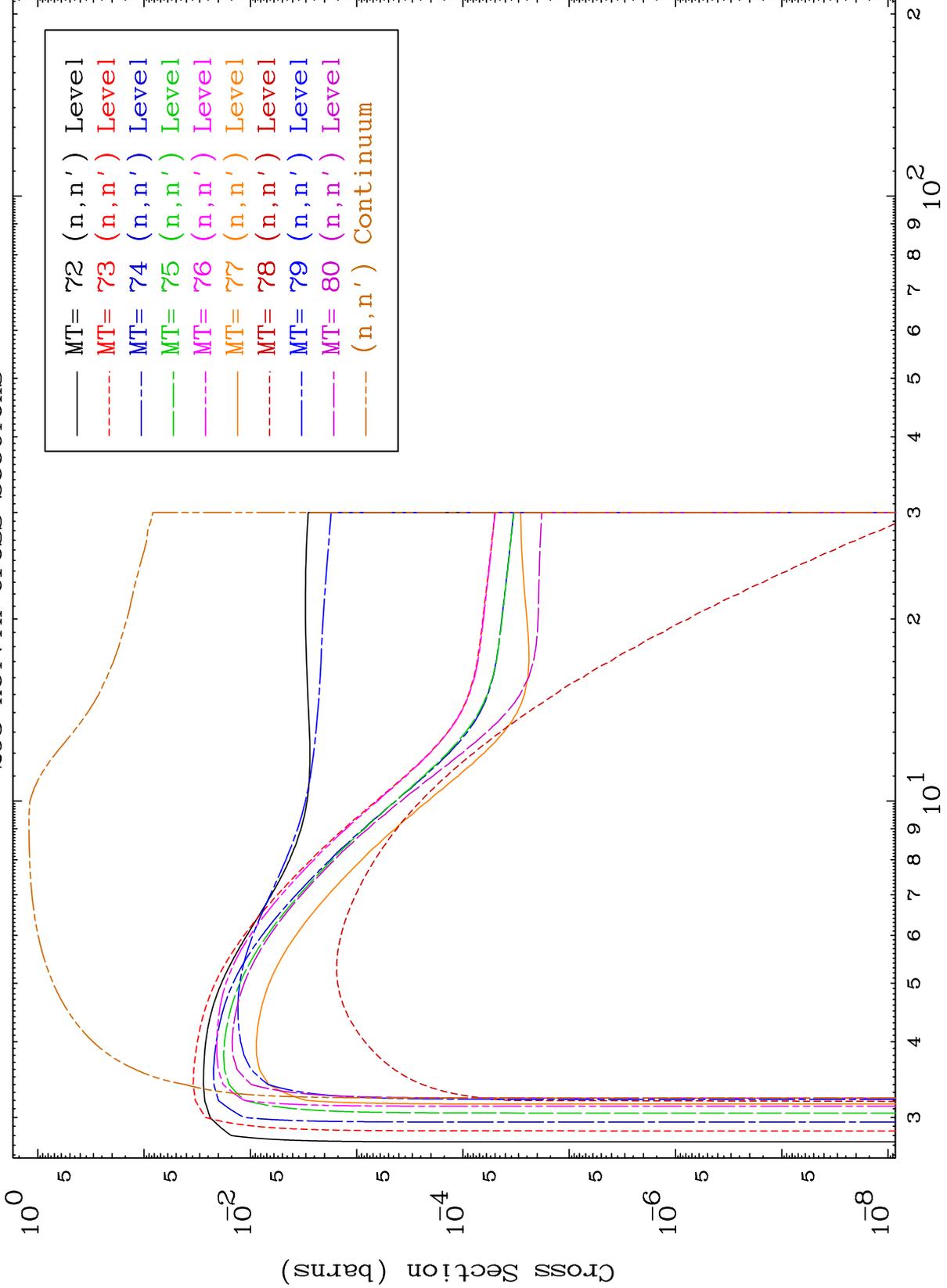


8

Incident Energy (MeV)

19-K -43

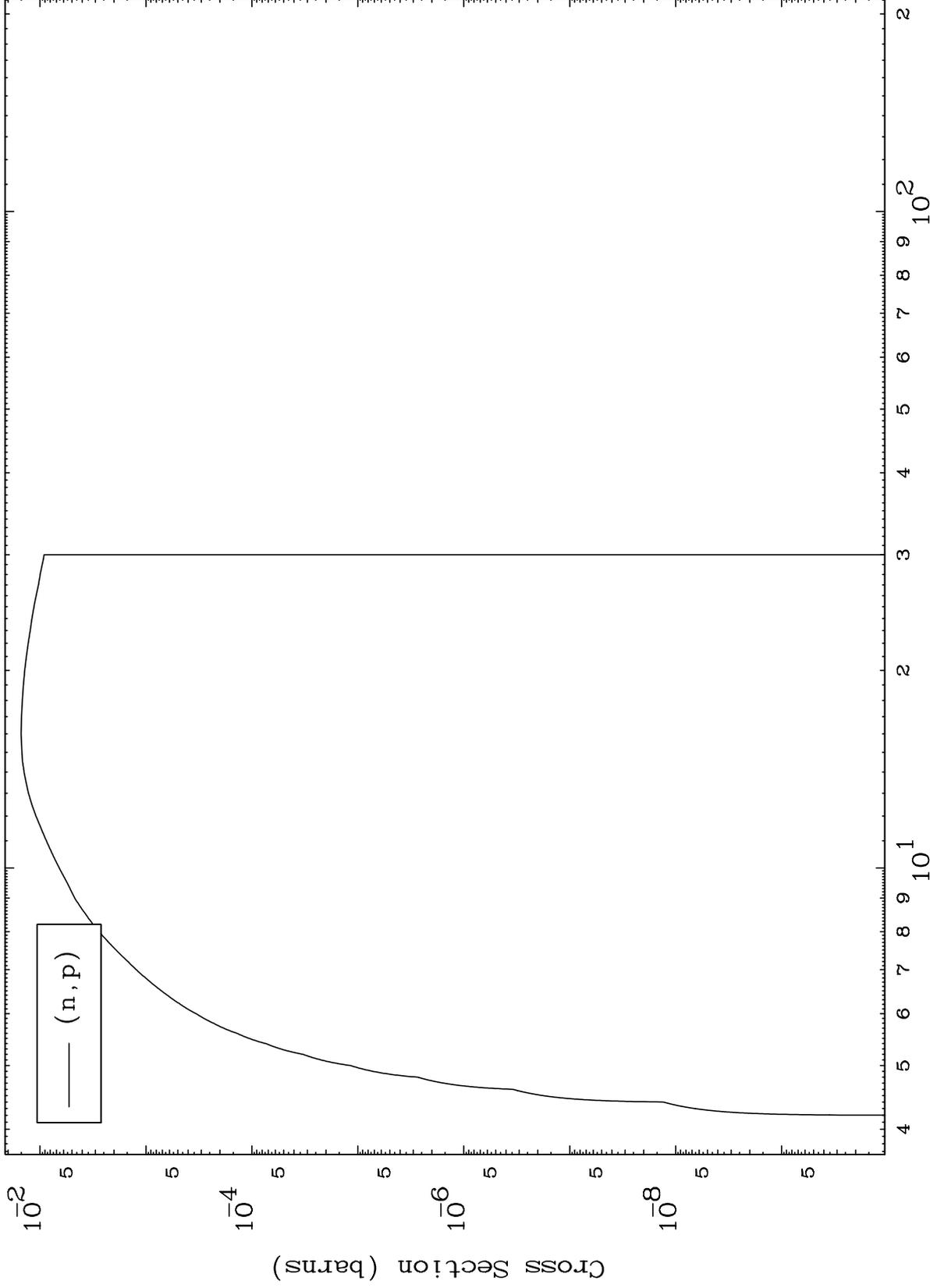
293 Kelvin Cross Sections



MAT 1937

(n,p) Levels
293 Kelvin Cross Sections

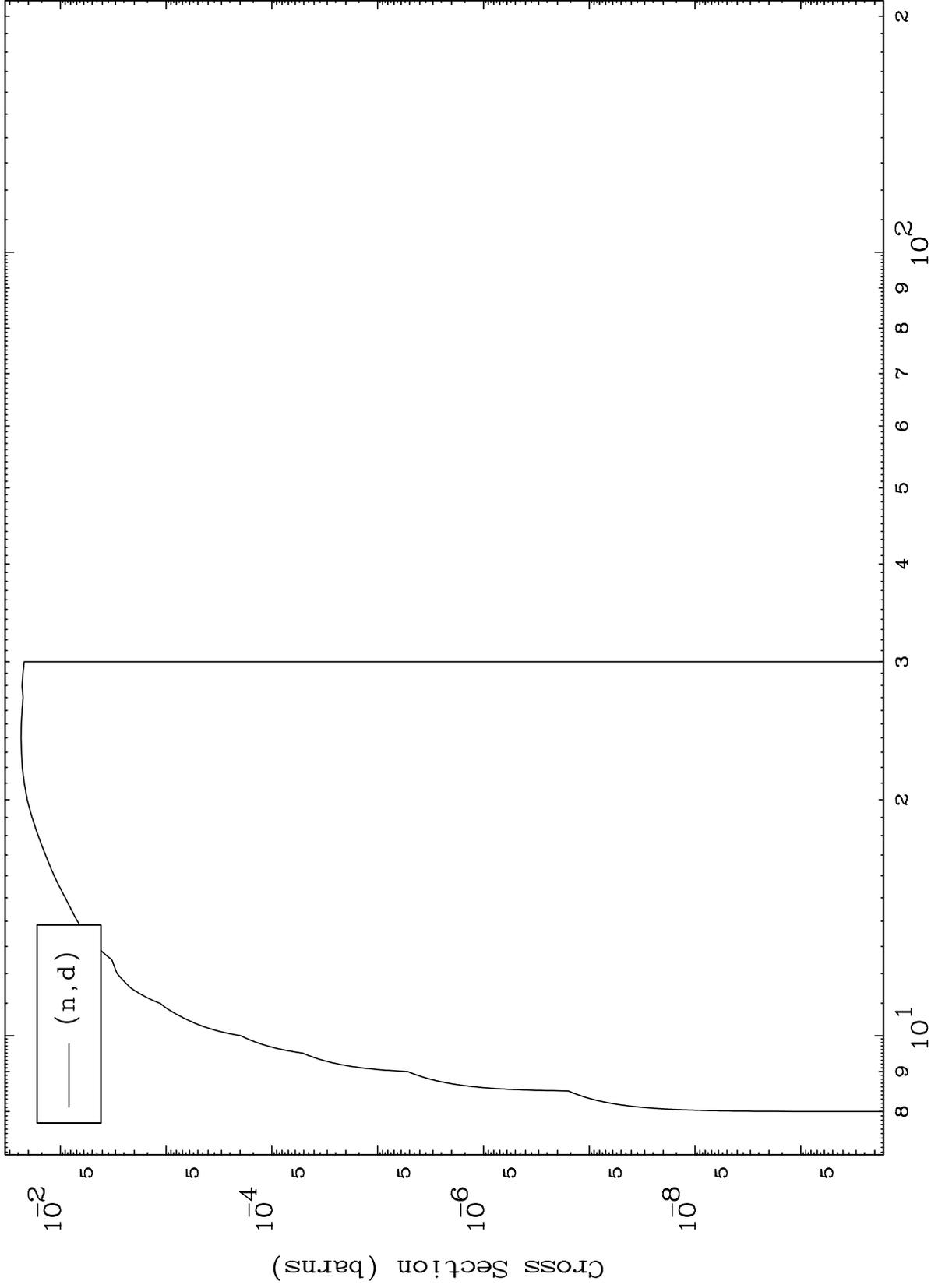
19-K -43



Incident Energy (MeV)

19-K -43

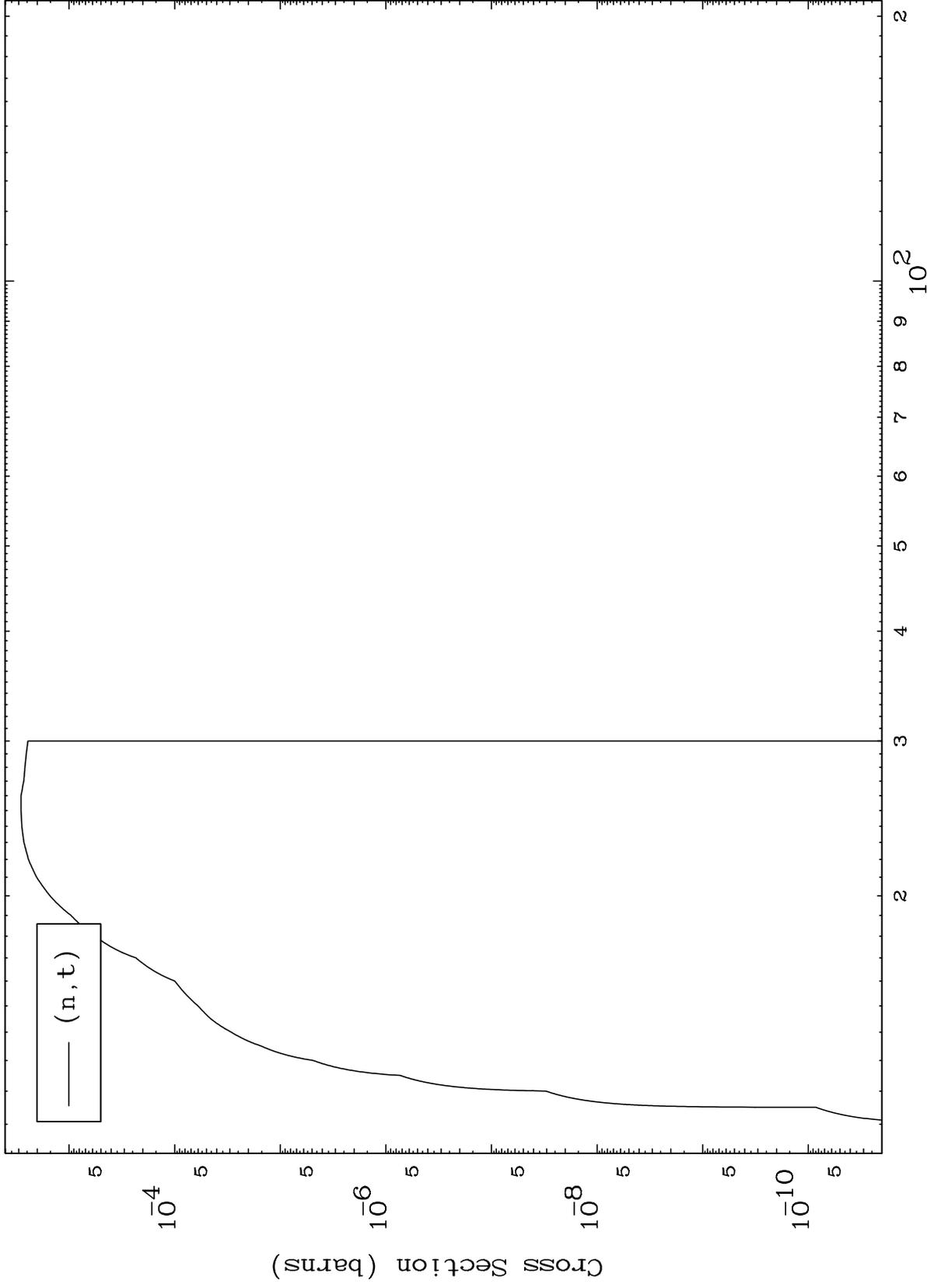
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MAT 1937

(n,t) Levels
293 Kelvin Cross Sections

19-K -43



12

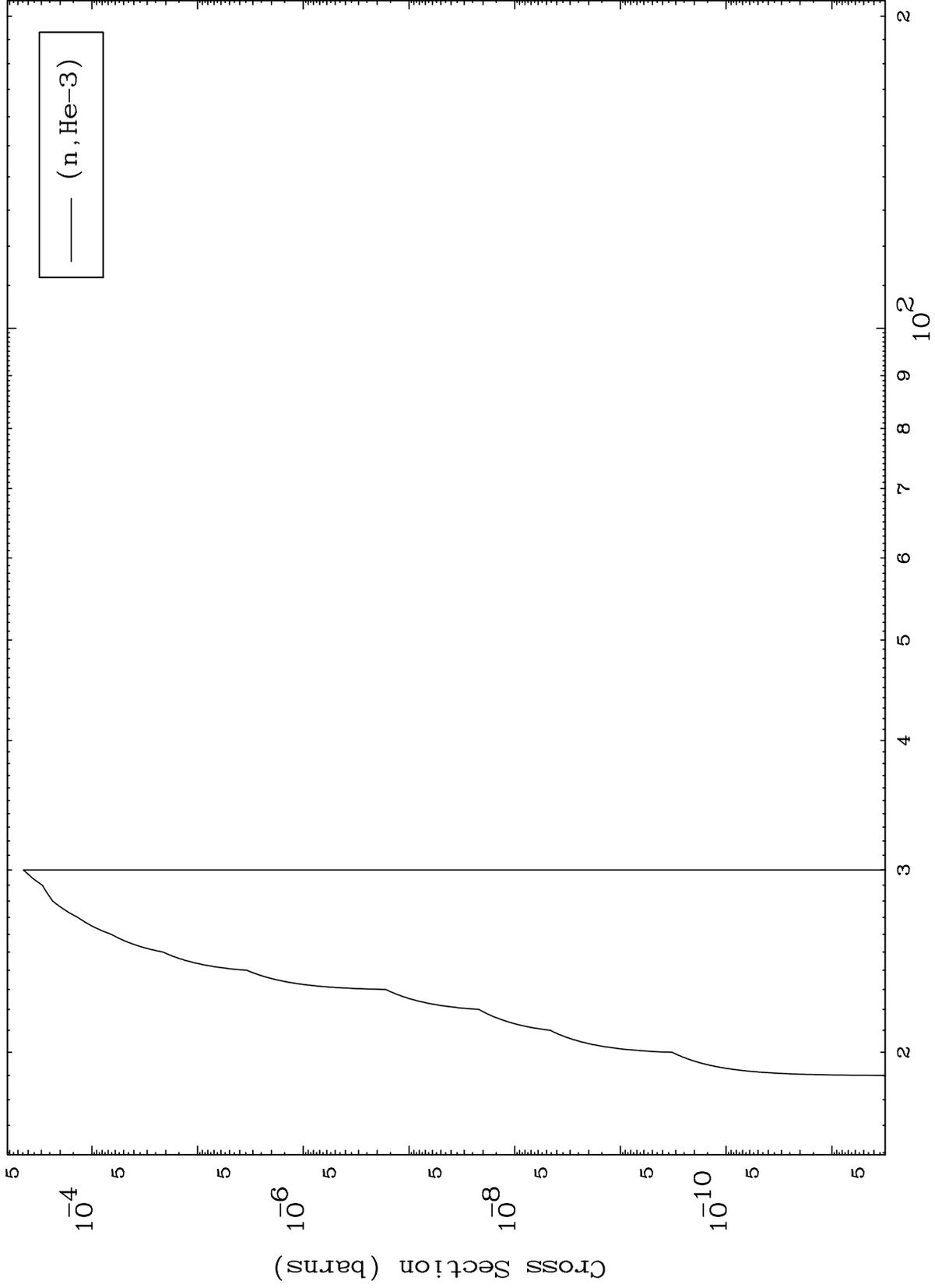
Incident Energy (MeV)

19-K -43

MAT 1937

(n,He3) Levels
293 Kelvin Cross Sections

19-K -43



13

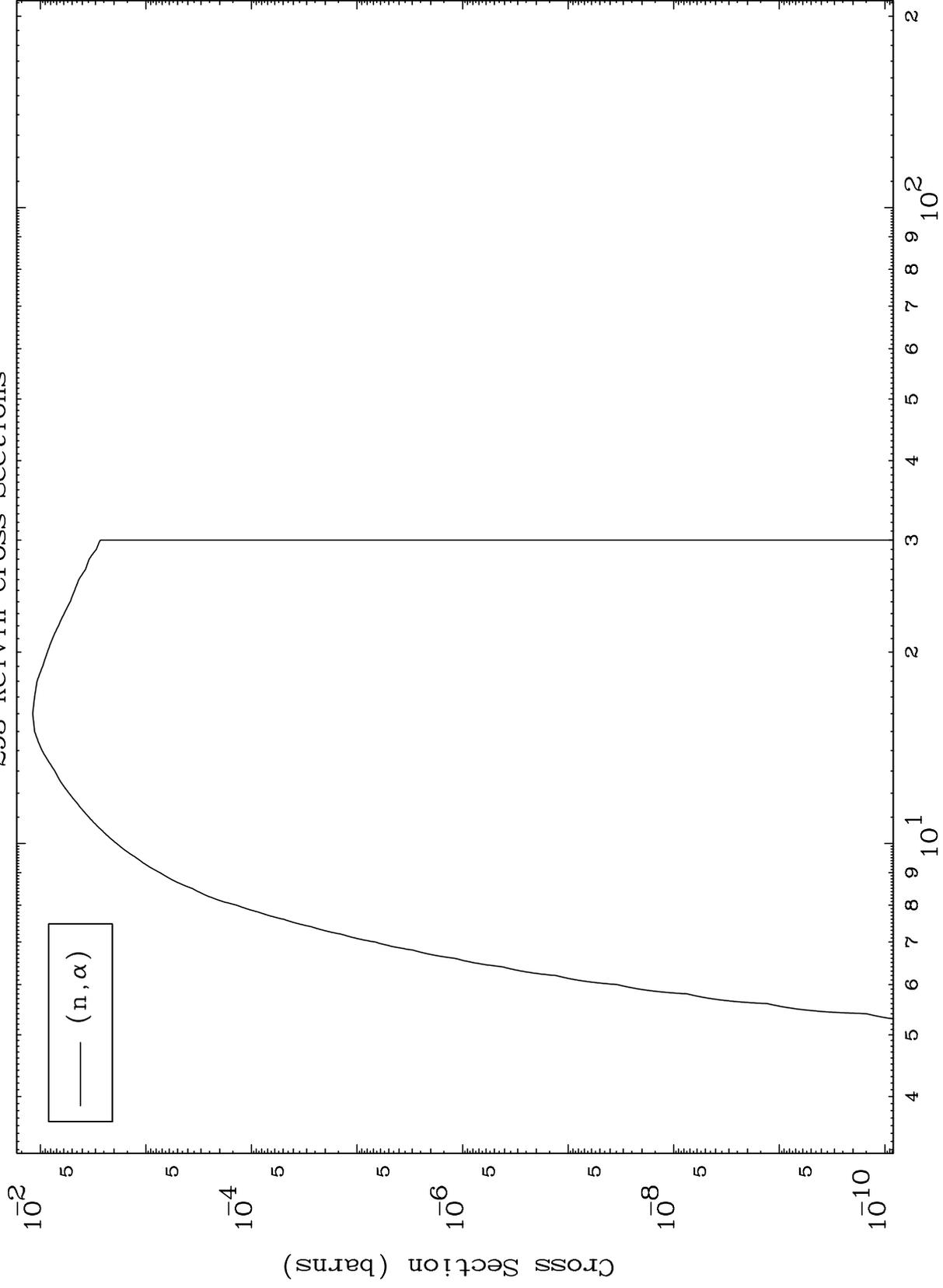
Incident Energy (MeV)

19-K -43

MAT 1937

(n, α) Levels
293 Kelvin Cross Sections

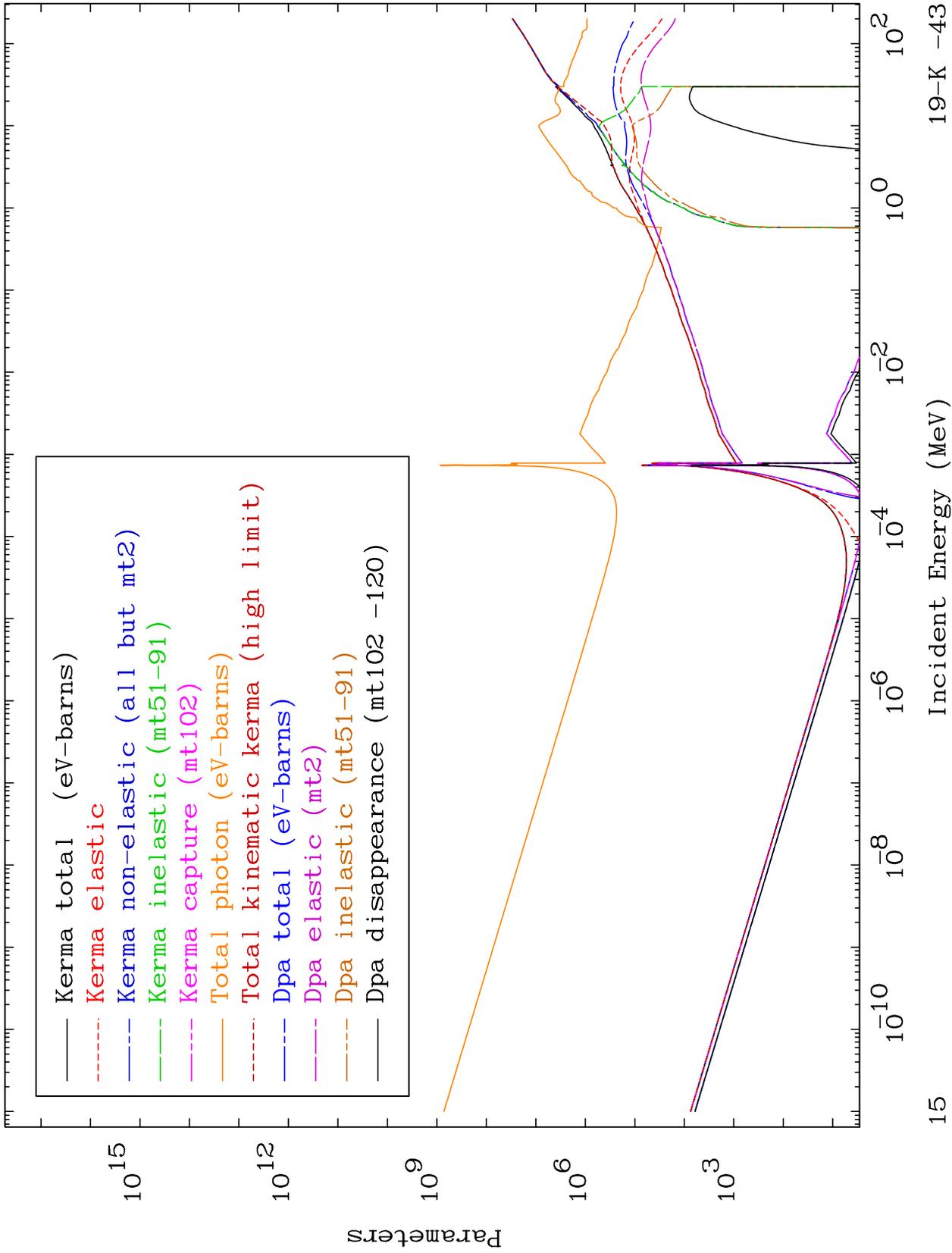
19-K -43



14

Incident Energy (MeV)

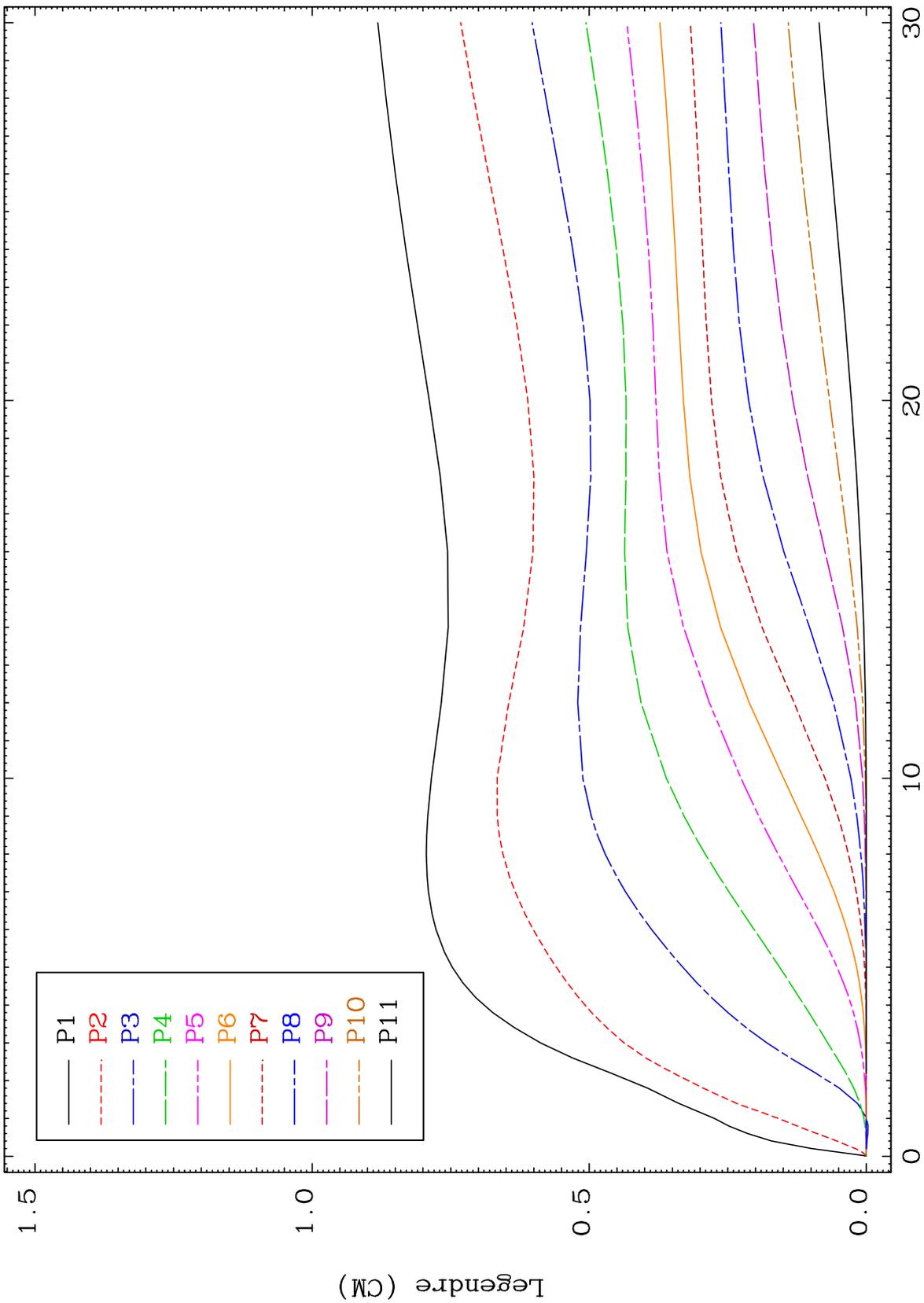
19-K -43



MAT 1937

Elastic Legendre Coefficients

19-K -43



16

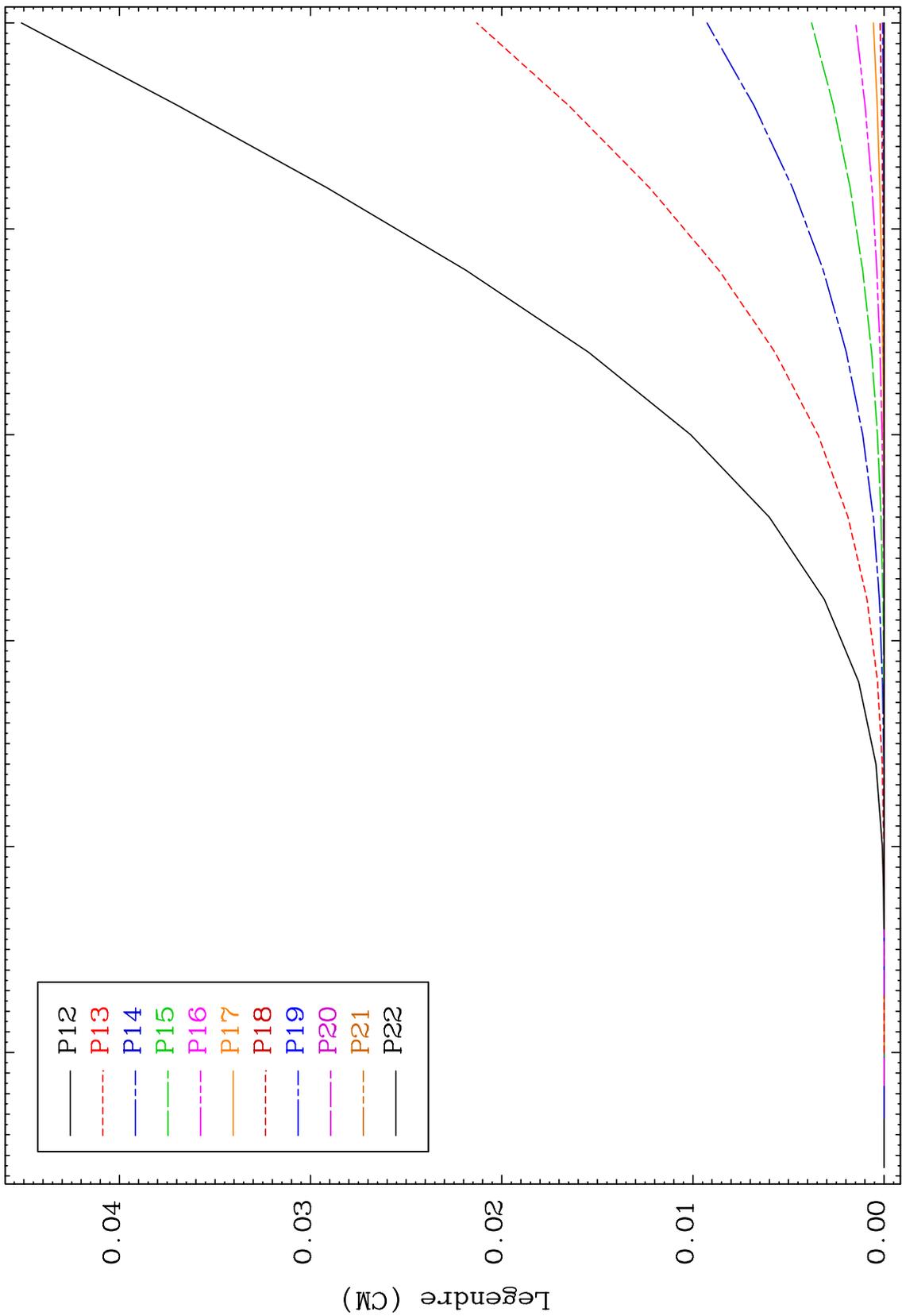
Incident Energy (MeV)

19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43



17

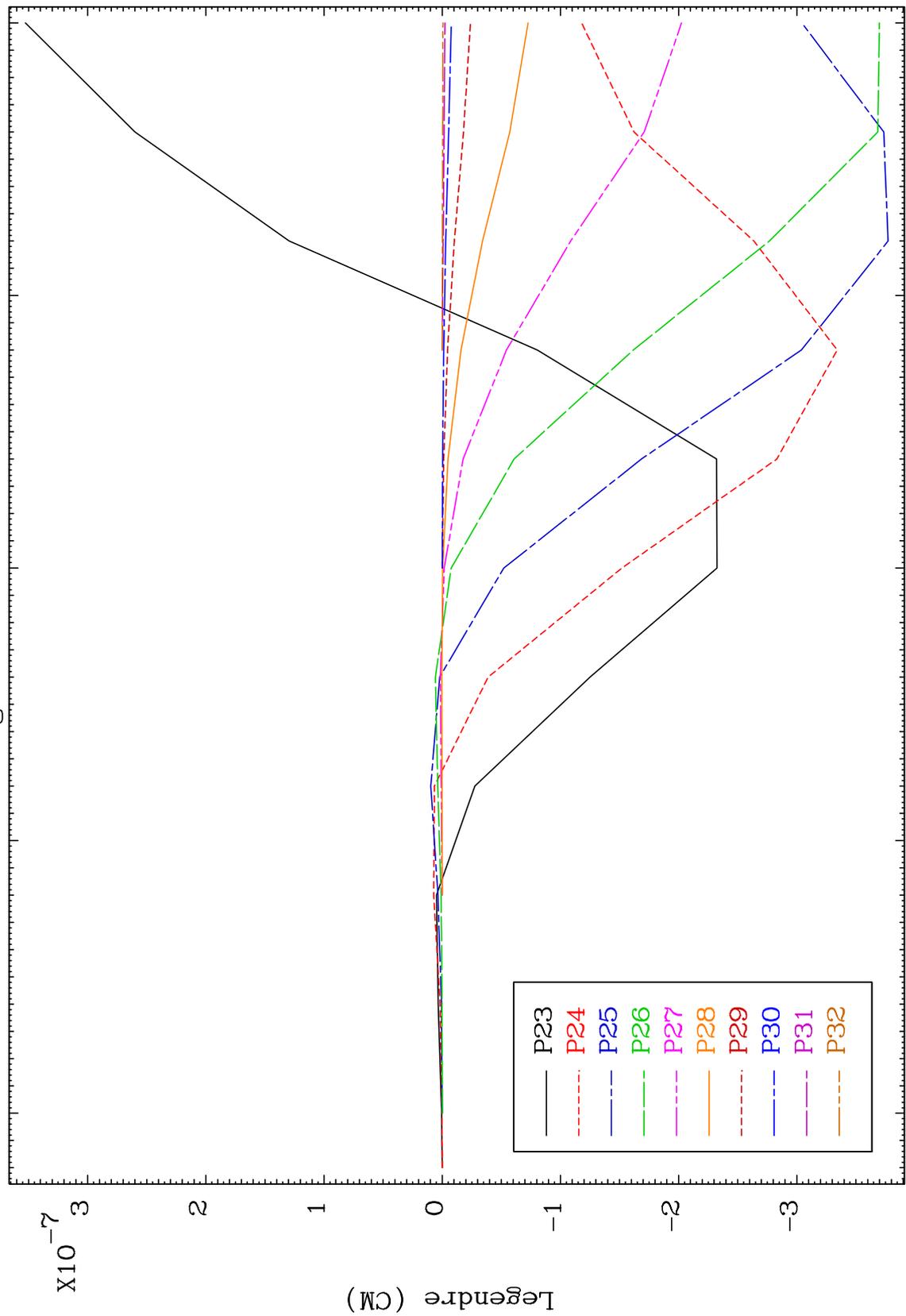
Incident Energy (MeV)

19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43



18

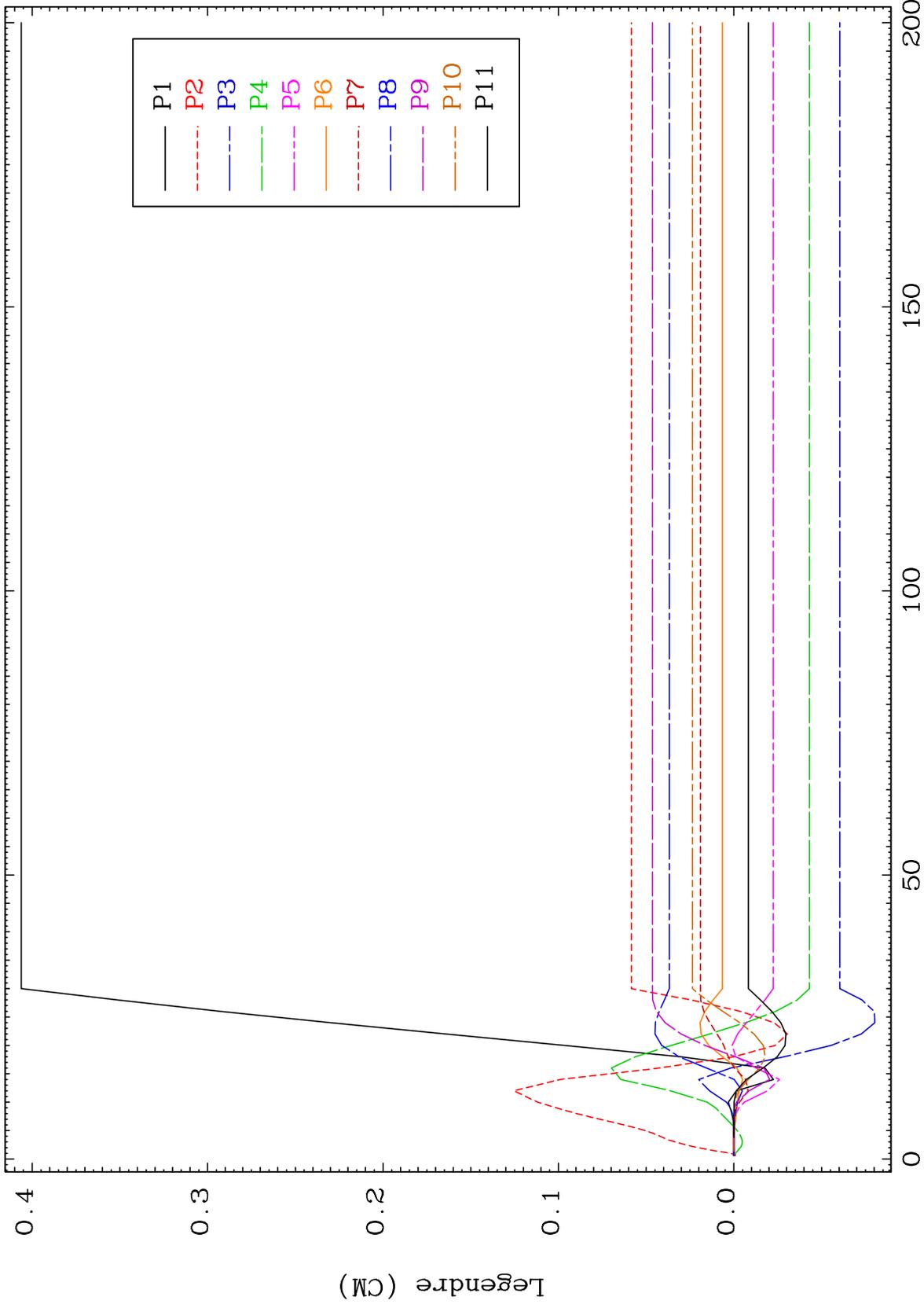
Incident Energy (MeV)

19-K -43

MAT 1937

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

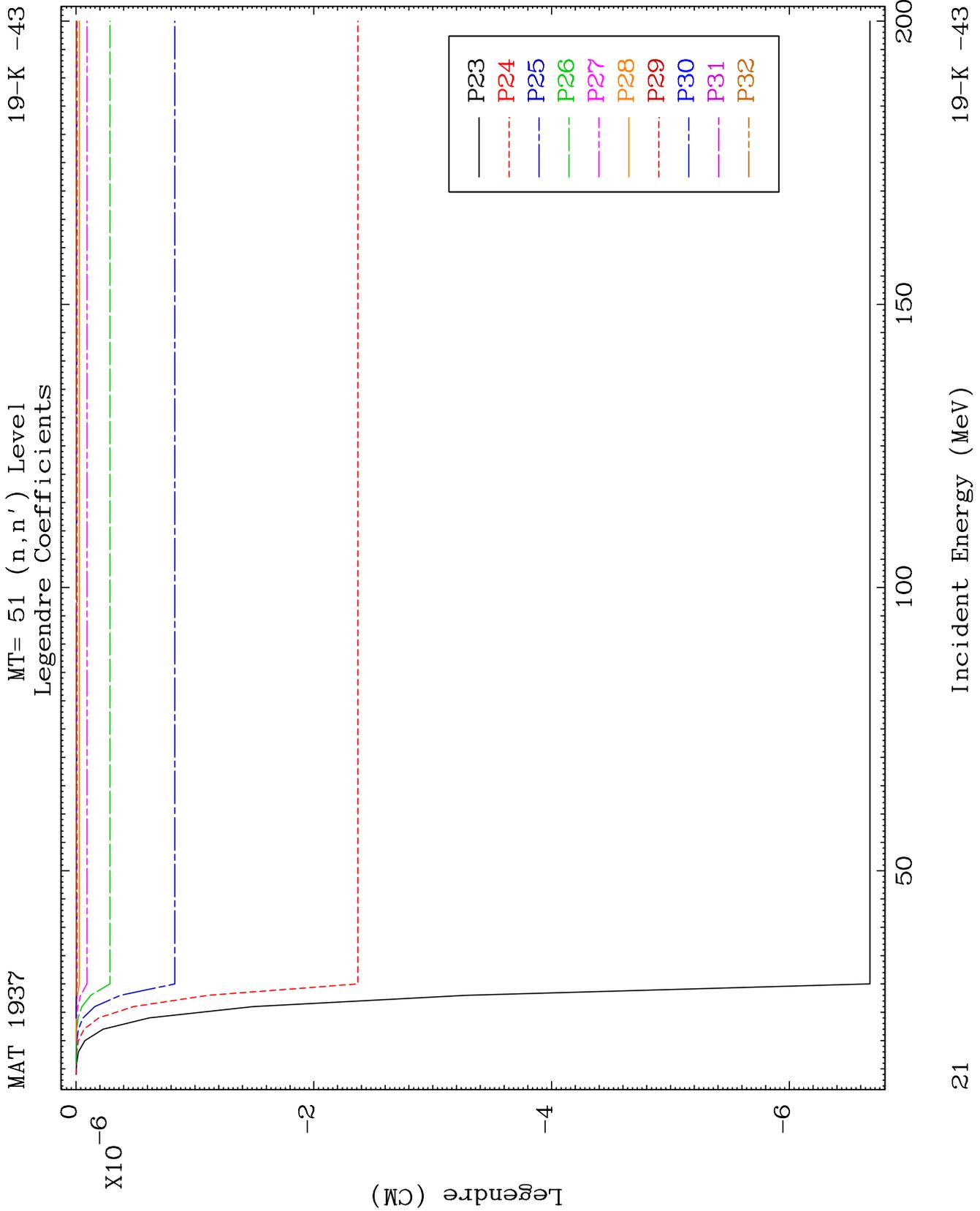
19-K -43



19

Incident Energy (MeV)

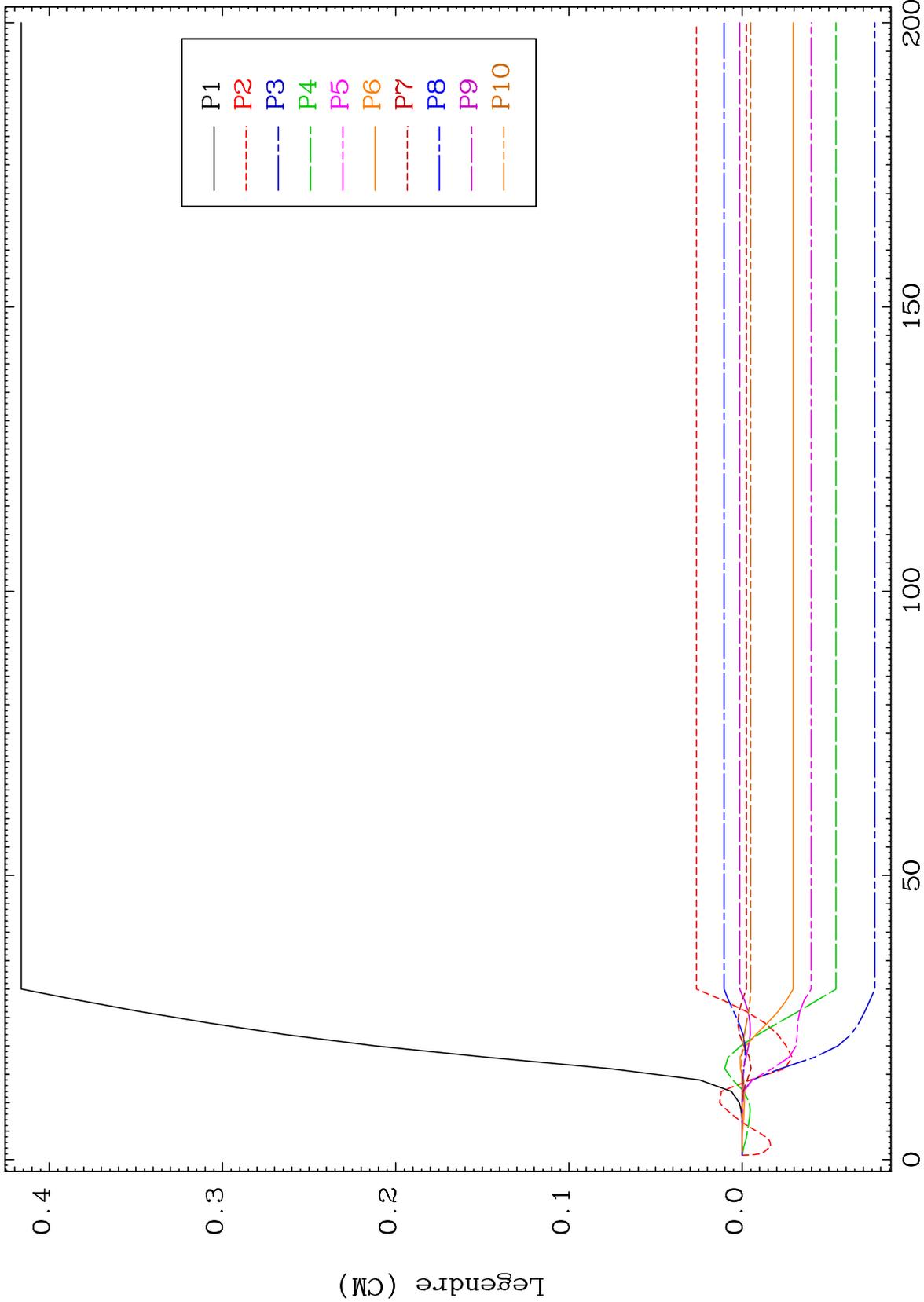
19-K -43



MAT 1937

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

19-K -43



22

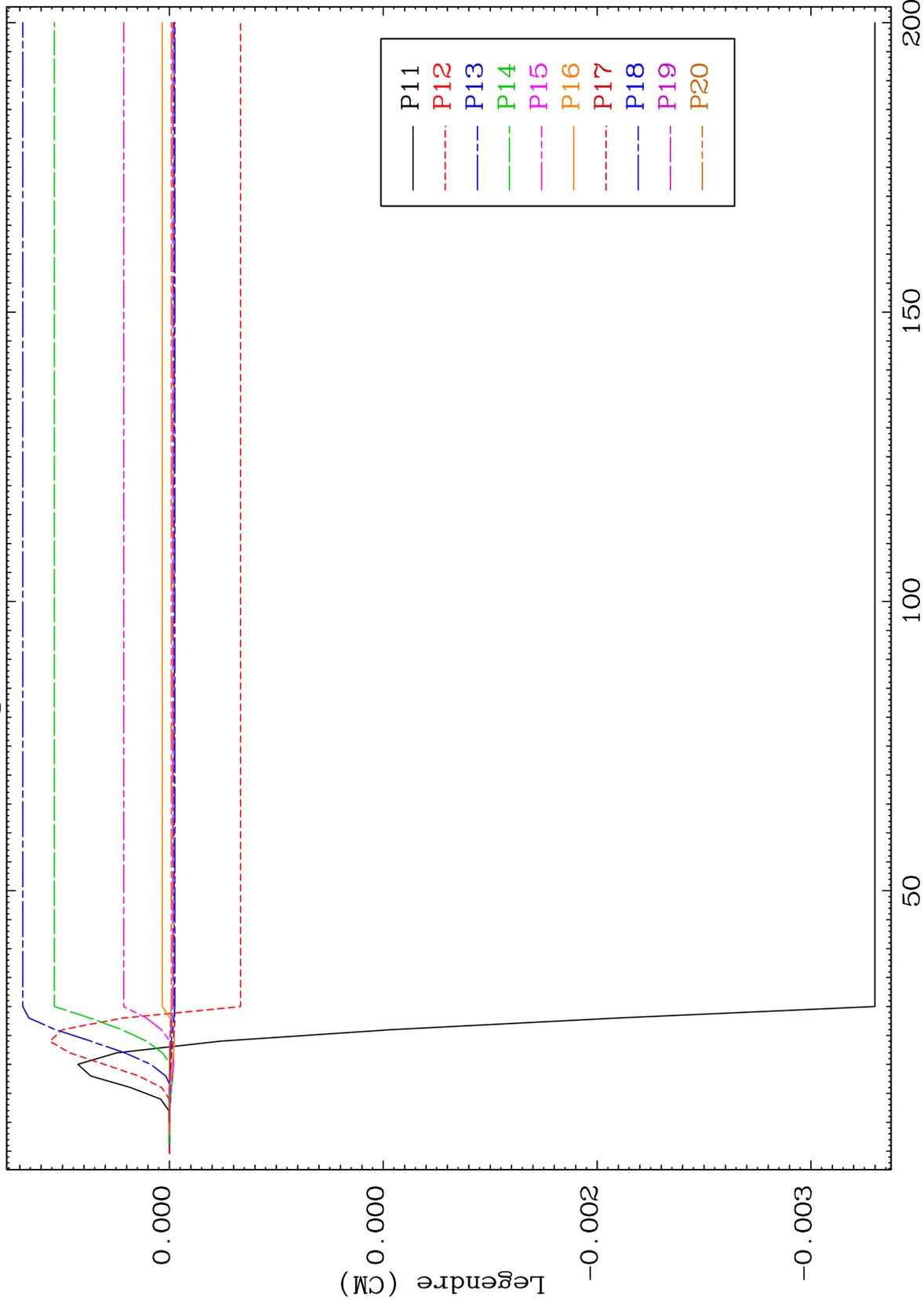
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



23

Incident Energy (MeV)

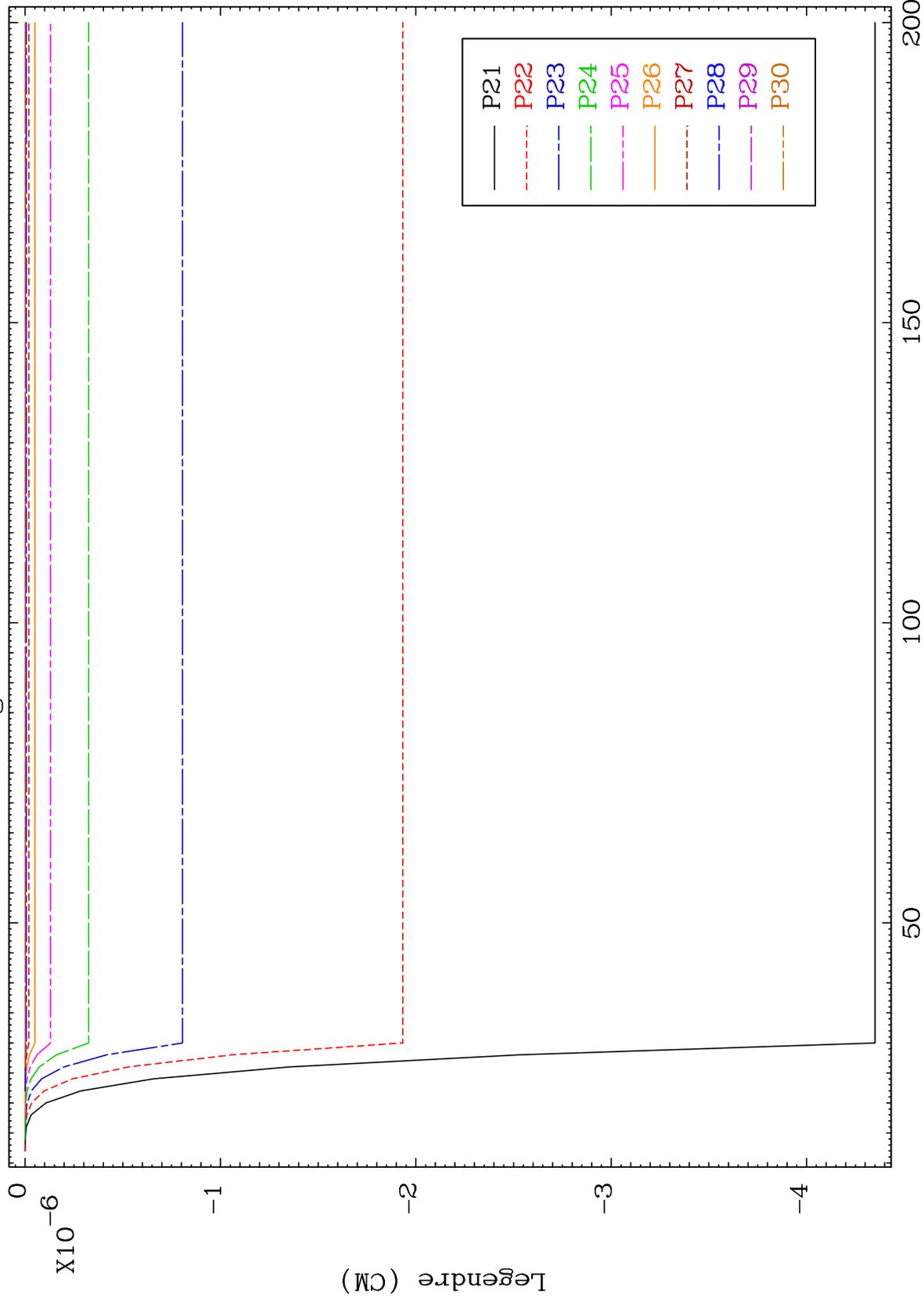
19-K -43

MAT 1937

MT= 52 (n,n') Level

19-K -43

Legendre Coefficients



24

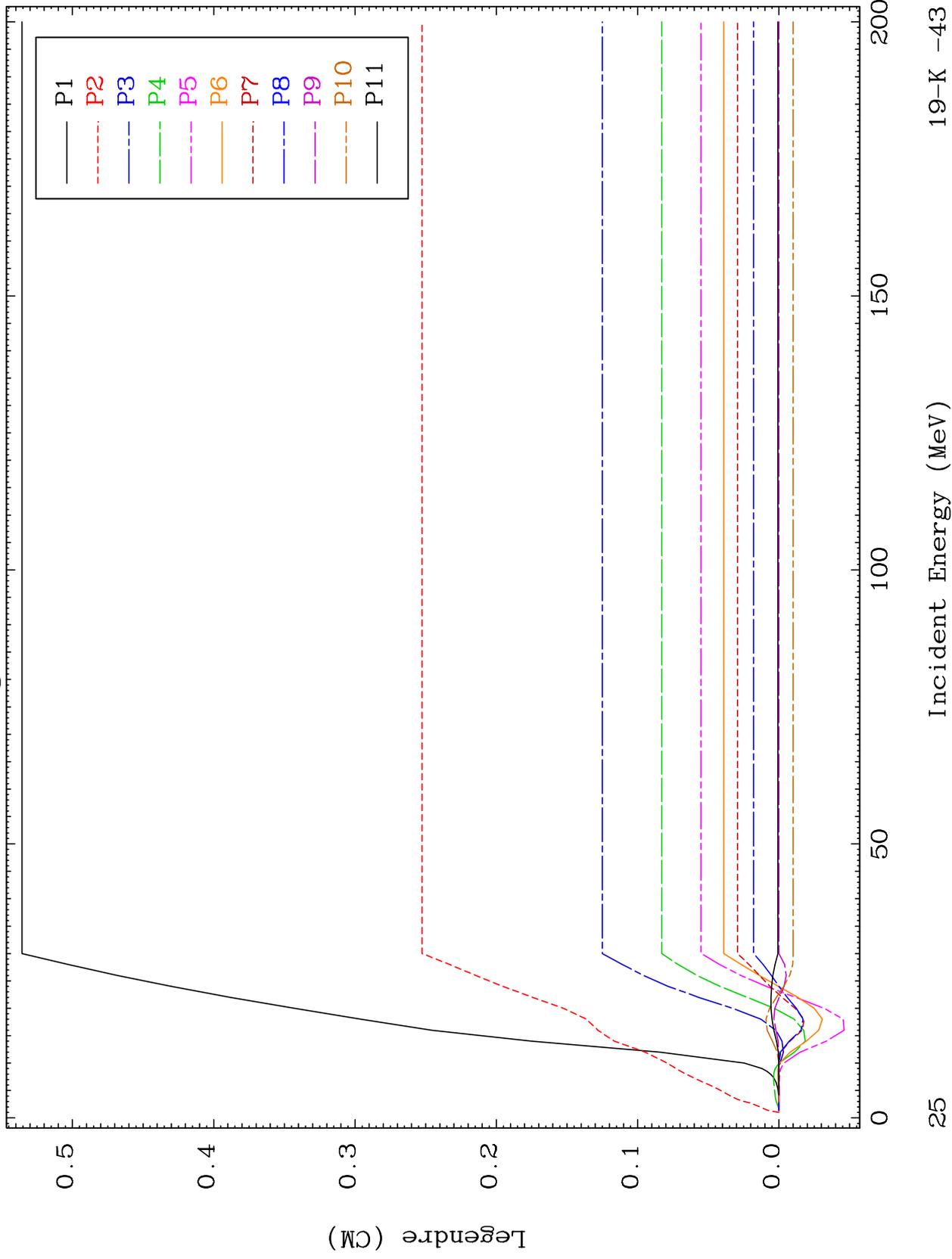
Incident Energy (MeV)

19-K -43

MAT 1937

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

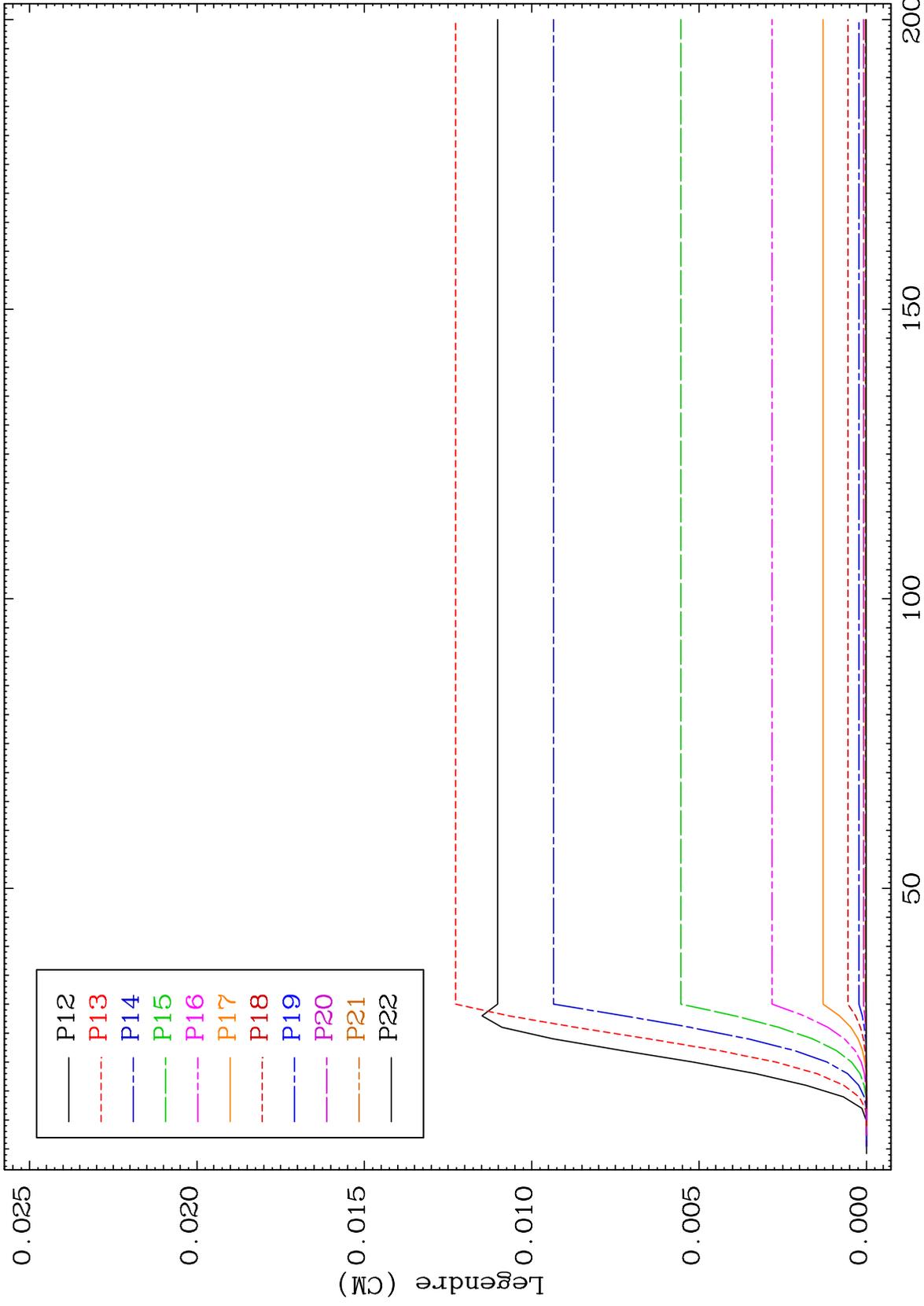
19-K -43



19-K -43

Incident Energy (MeV)

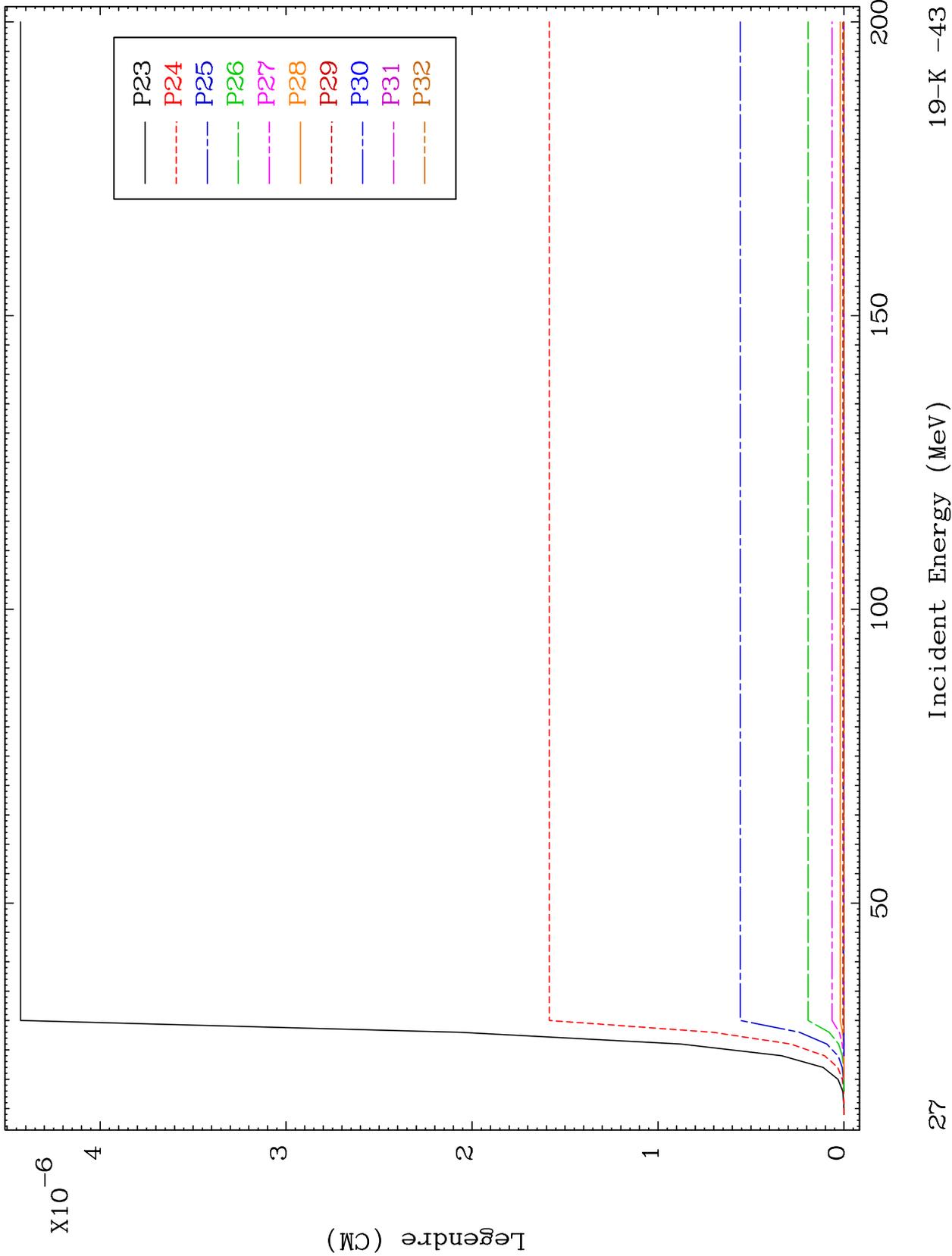
25



MAT 1937

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

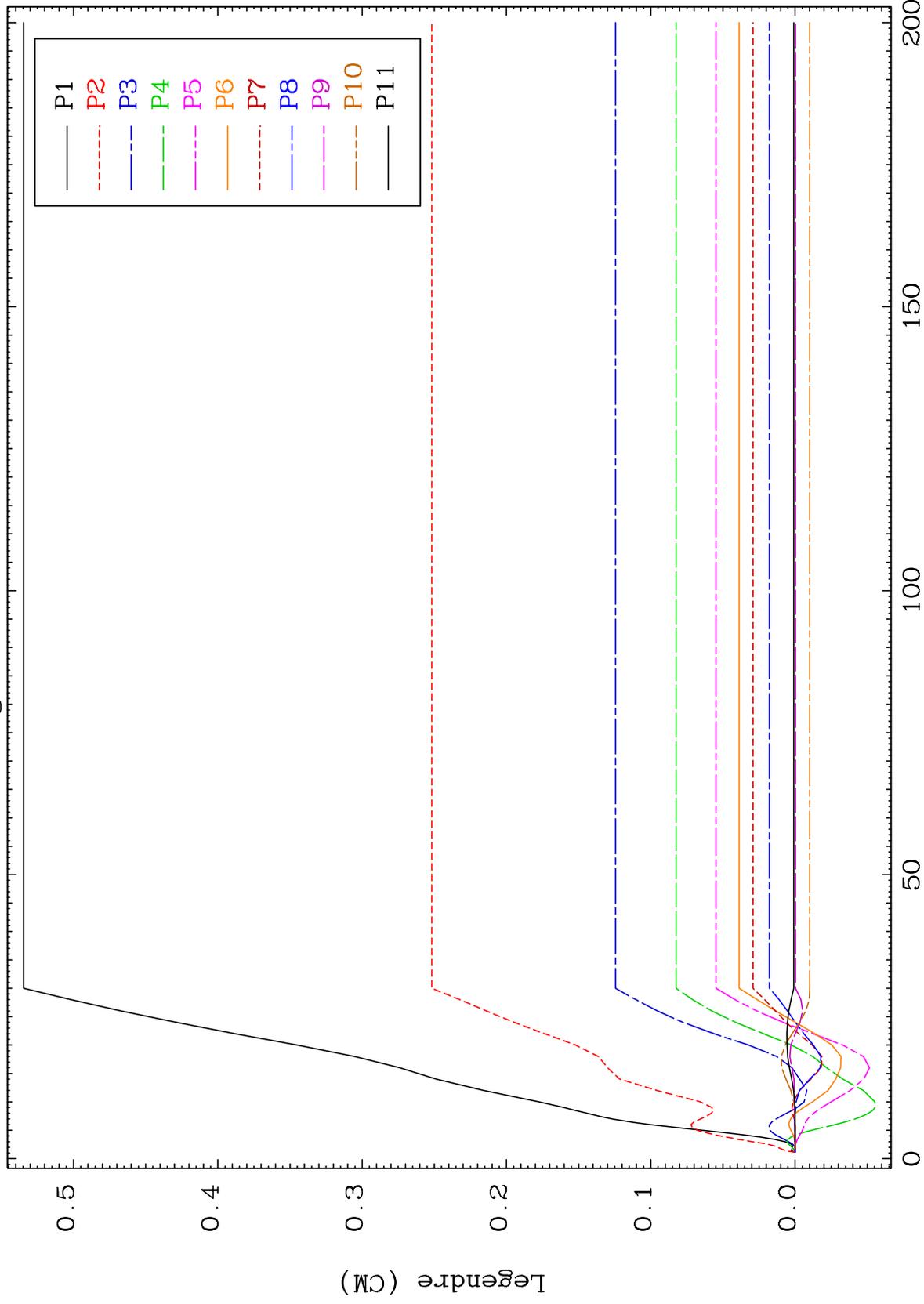
19-K -43



MAT 1937

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

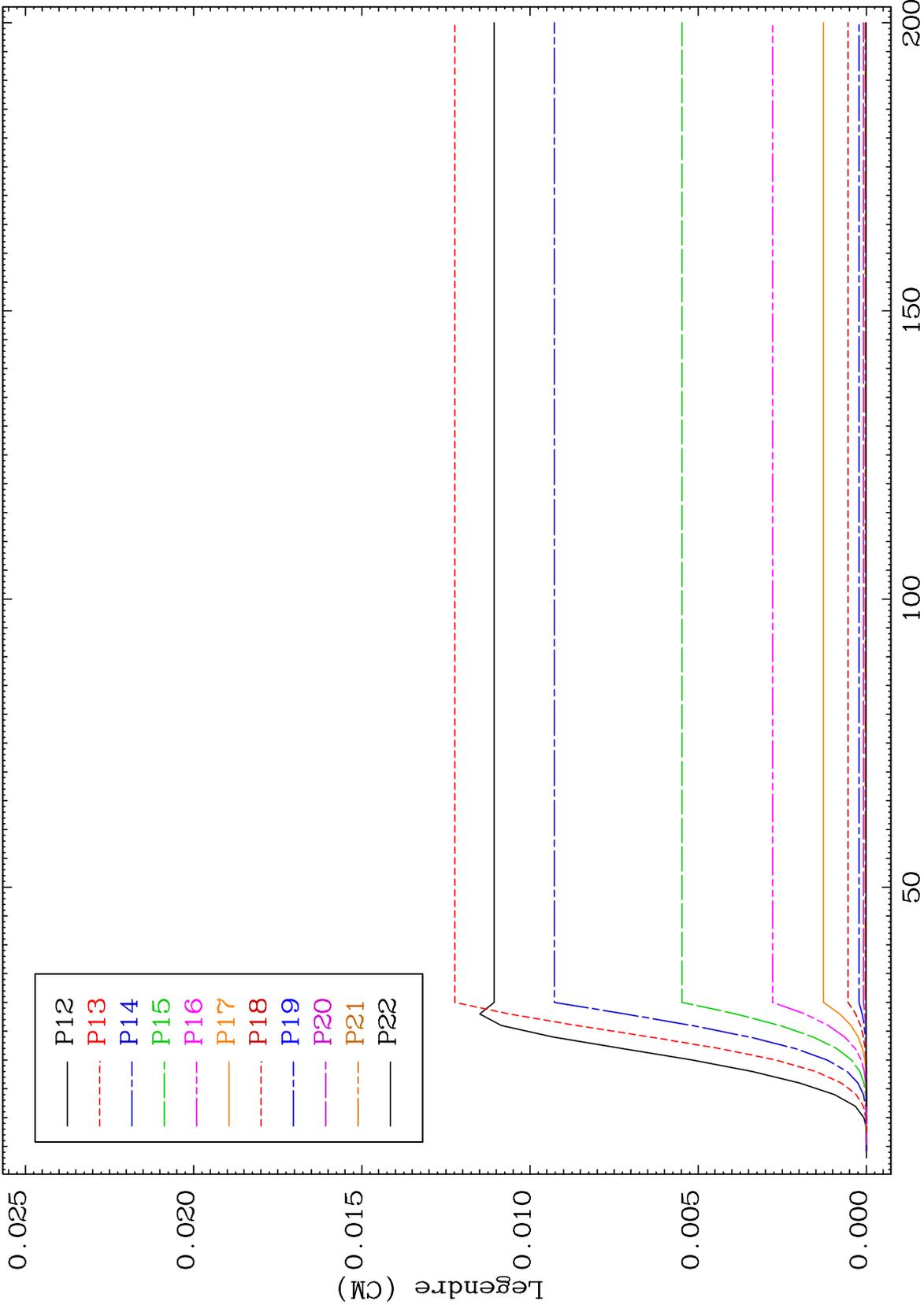
19-K -43



28

Incident Energy (MeV)

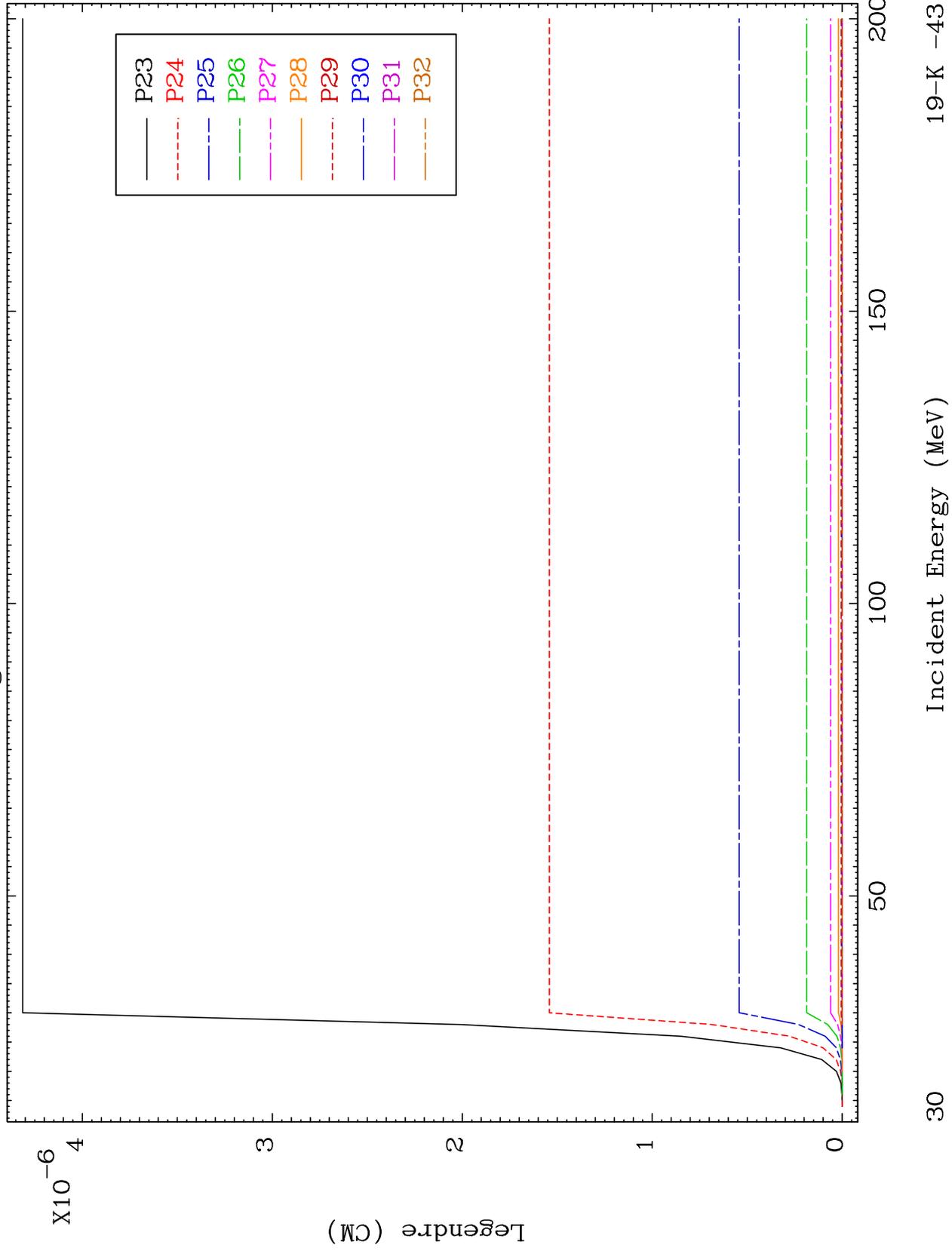
19-K -43



MAT 1937

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

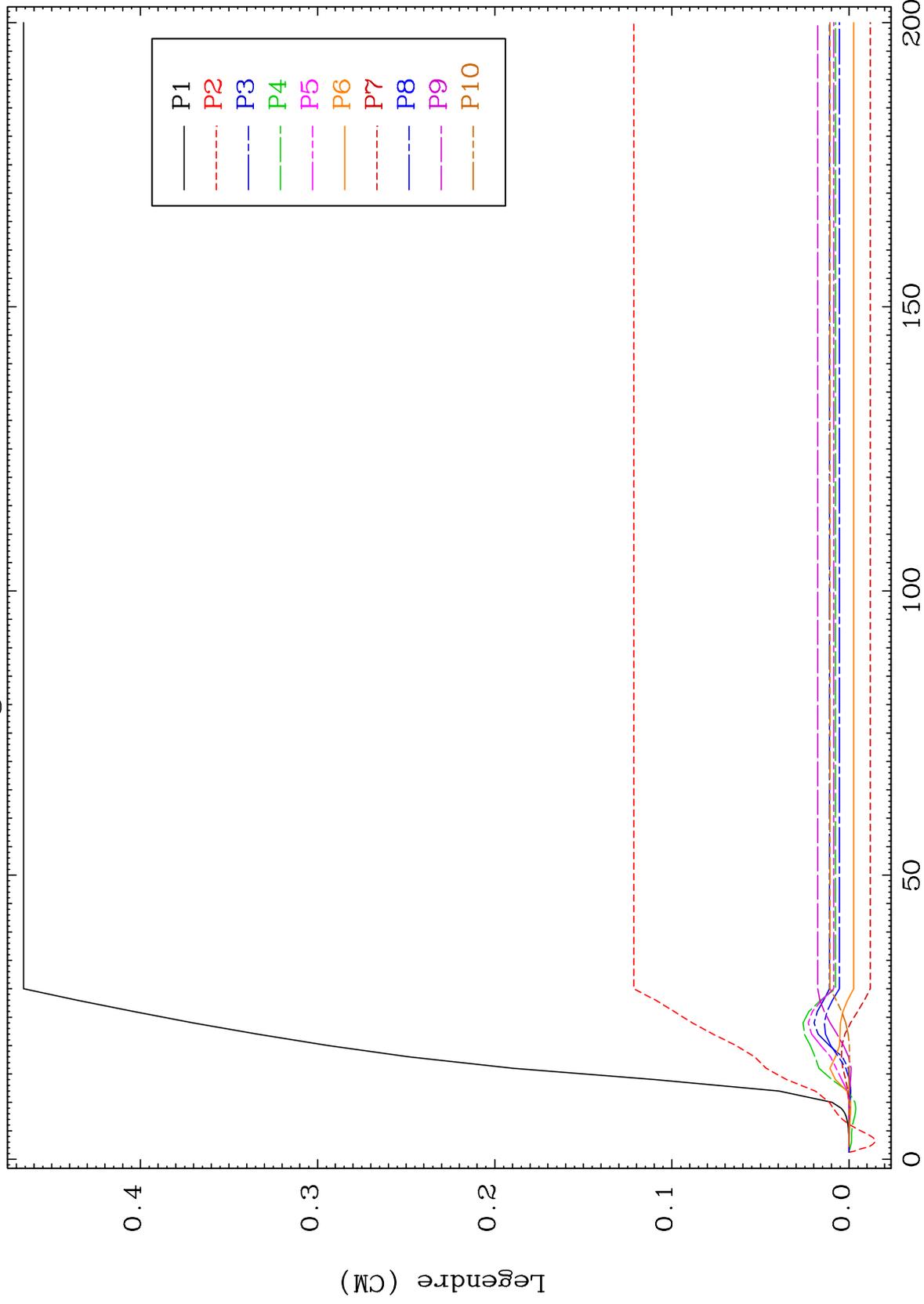
19-K -43



MAT 1937

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

19-K -43



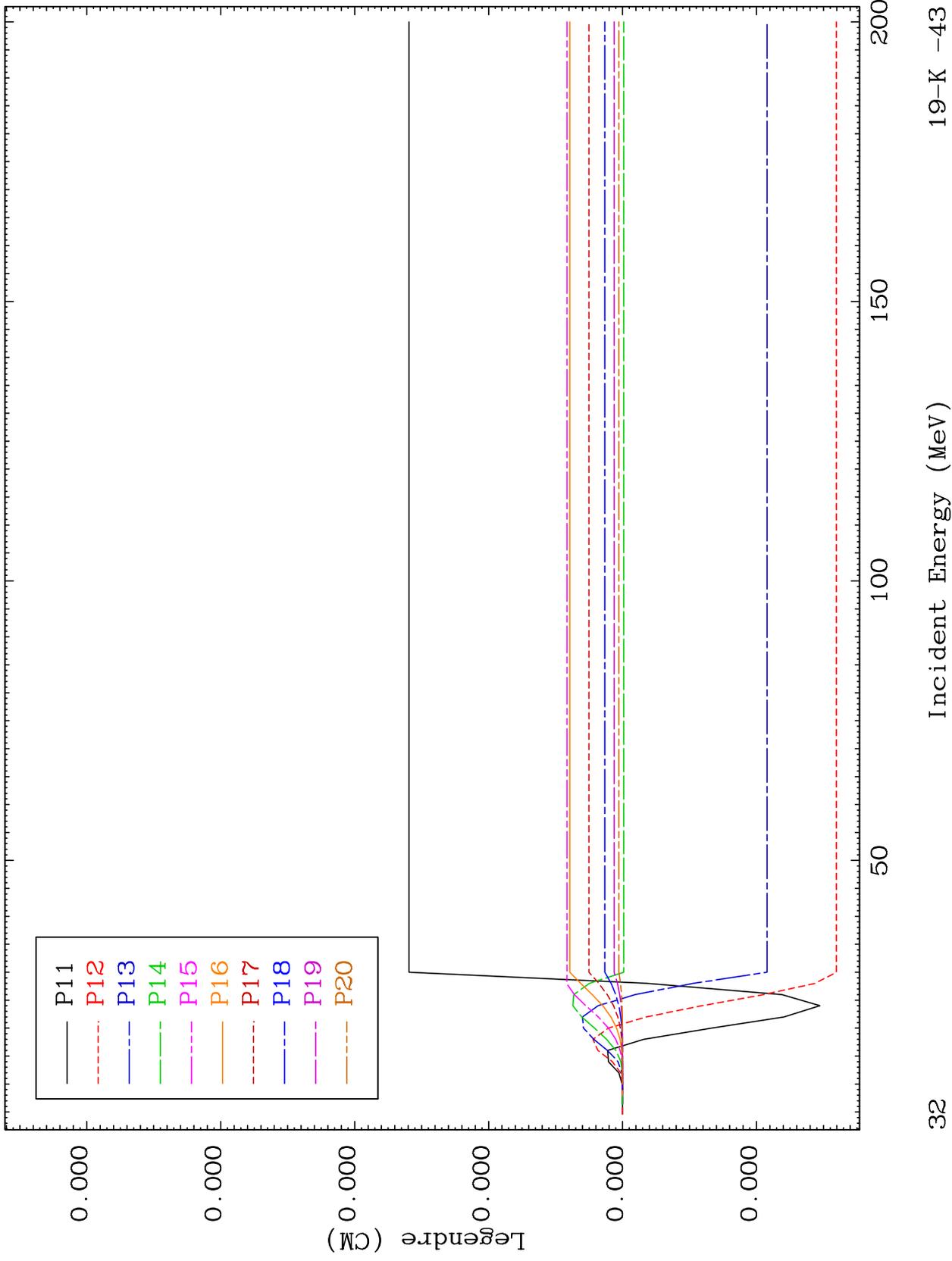
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19-K -43

MAT 1937

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

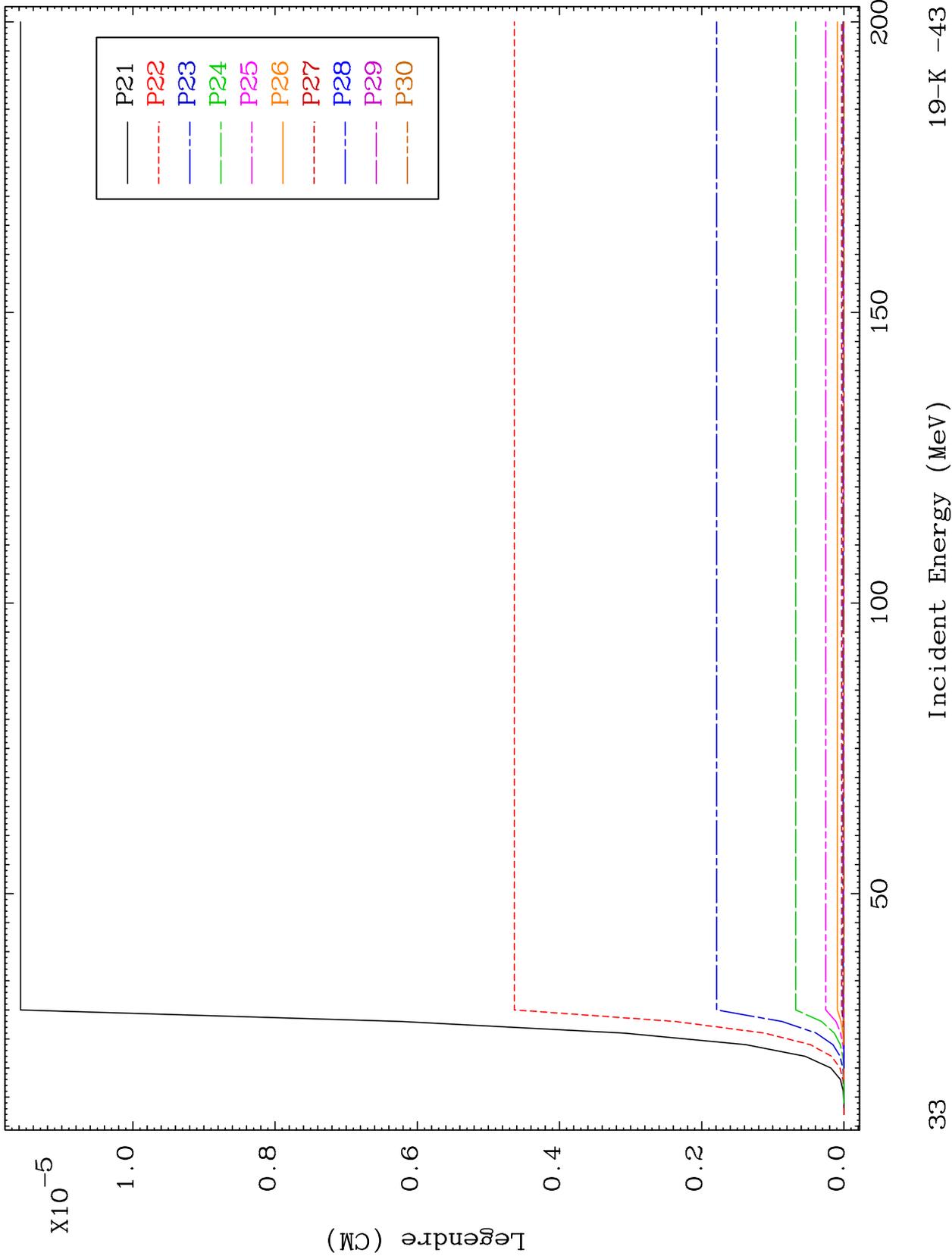
19-K -43



32

Incident Energy (MeV)

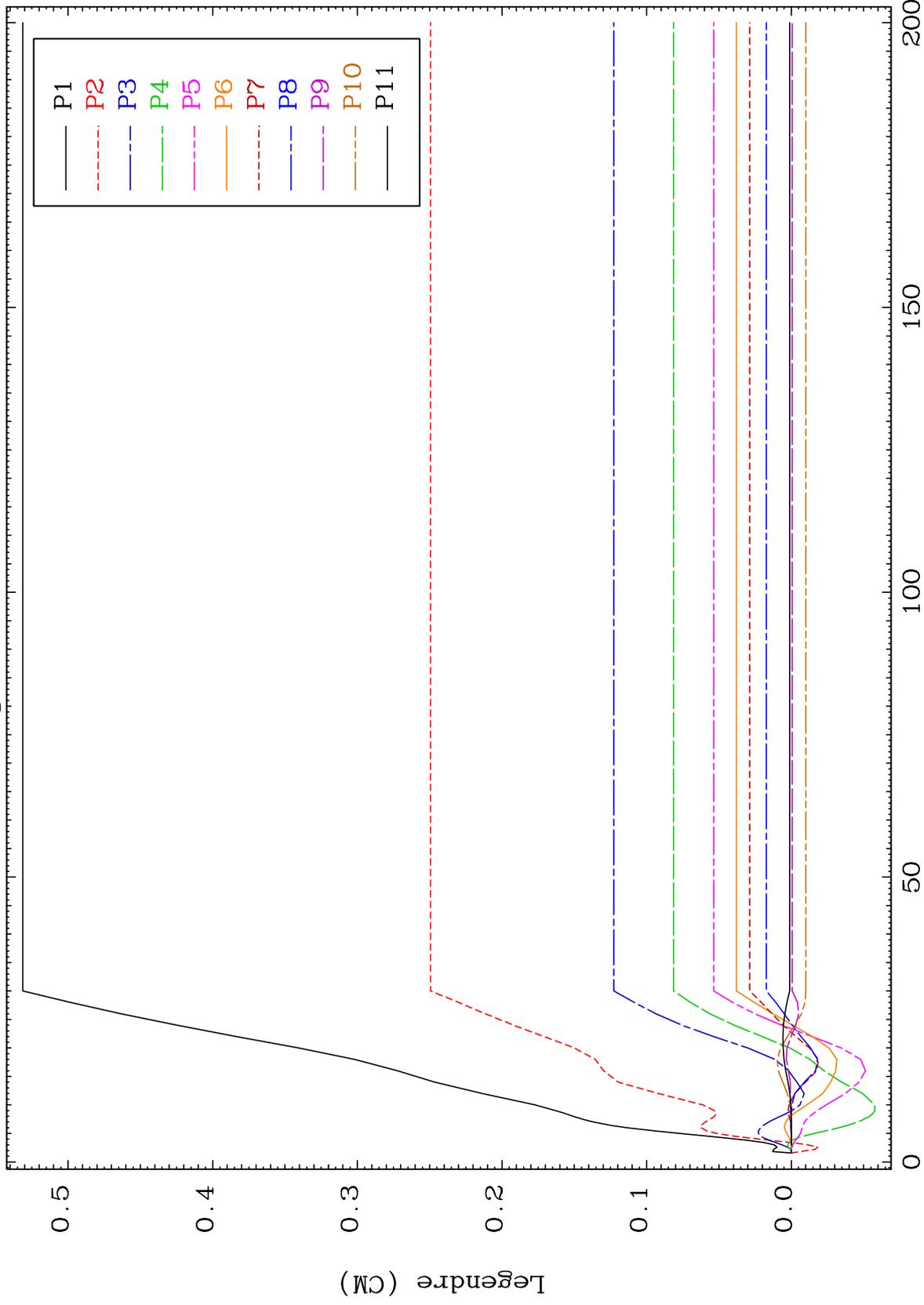
19-K -43



MAT 1937

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

19-K -43



34

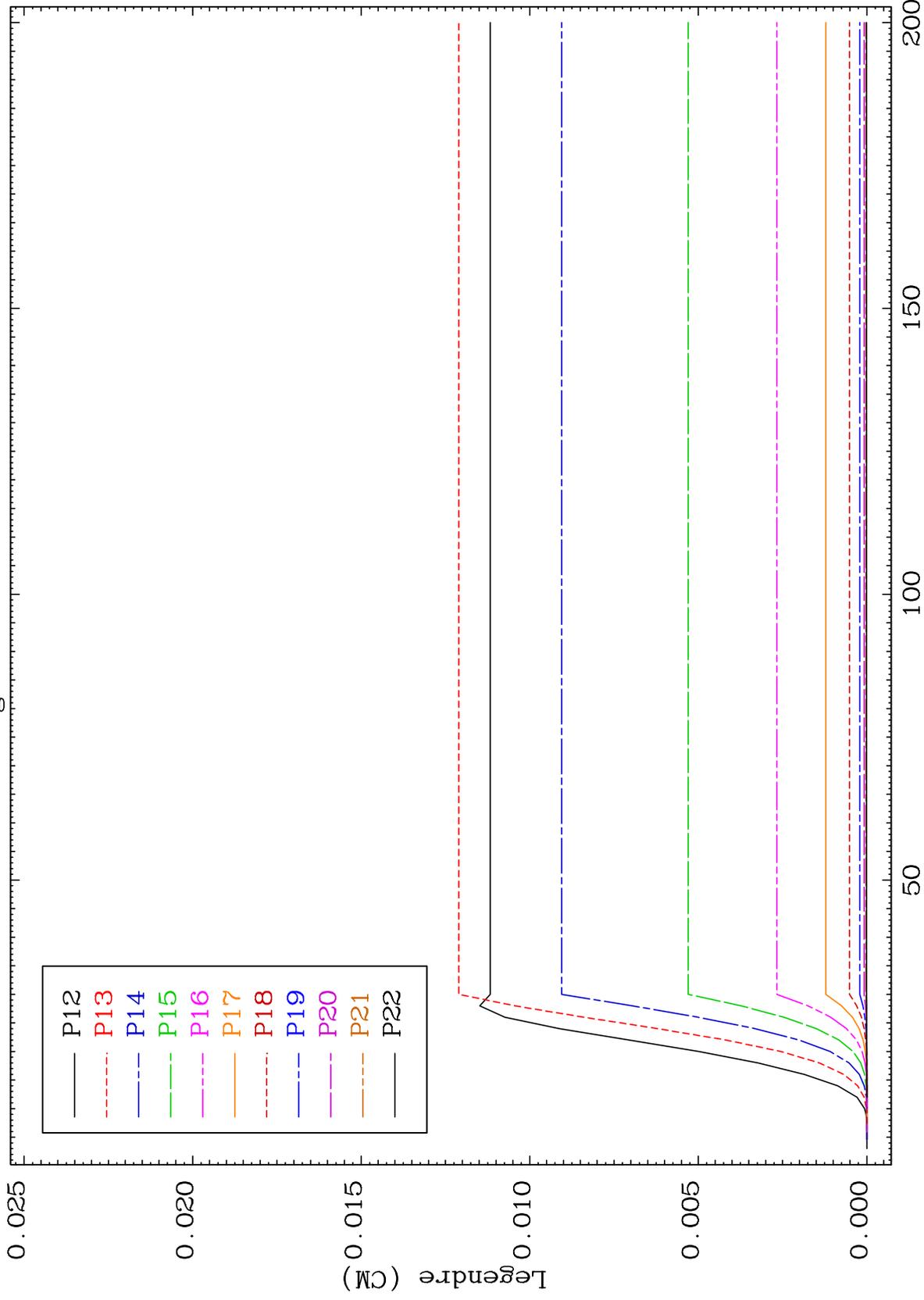
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



35

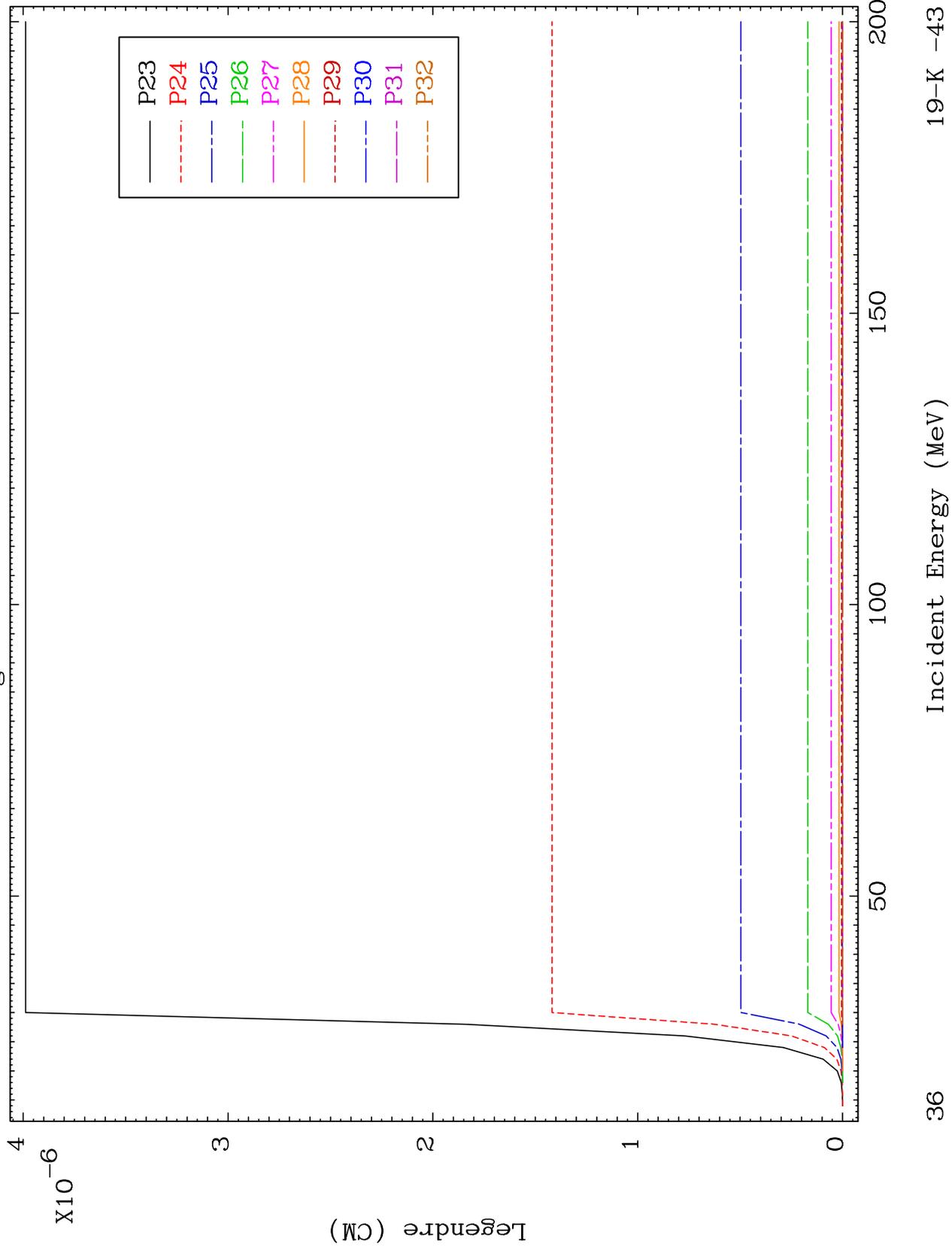
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



36

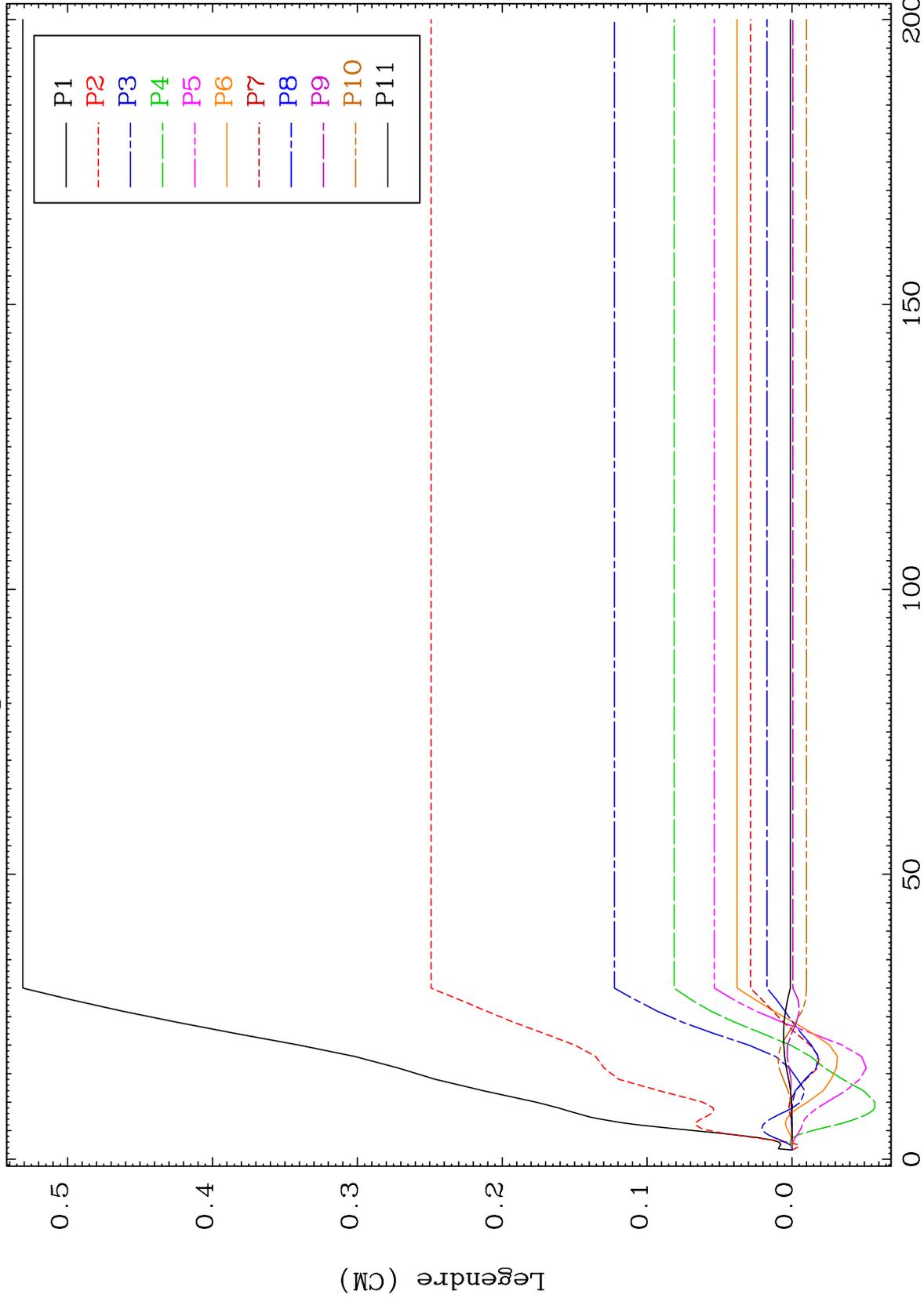
Incident Energy (MeV)

19-K -43

MAT 1937

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

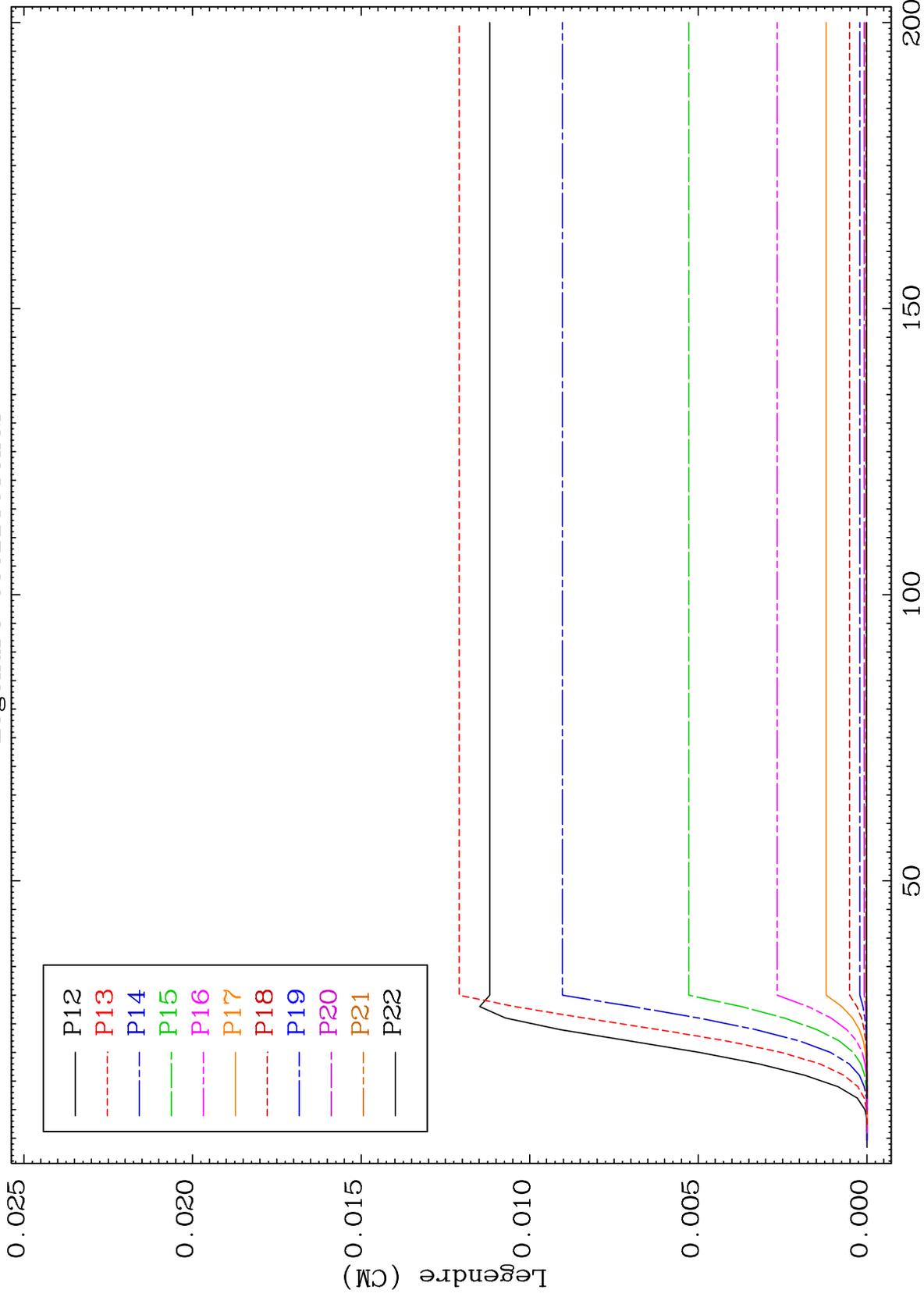
19-K -43



37

Incident Energy (MeV)

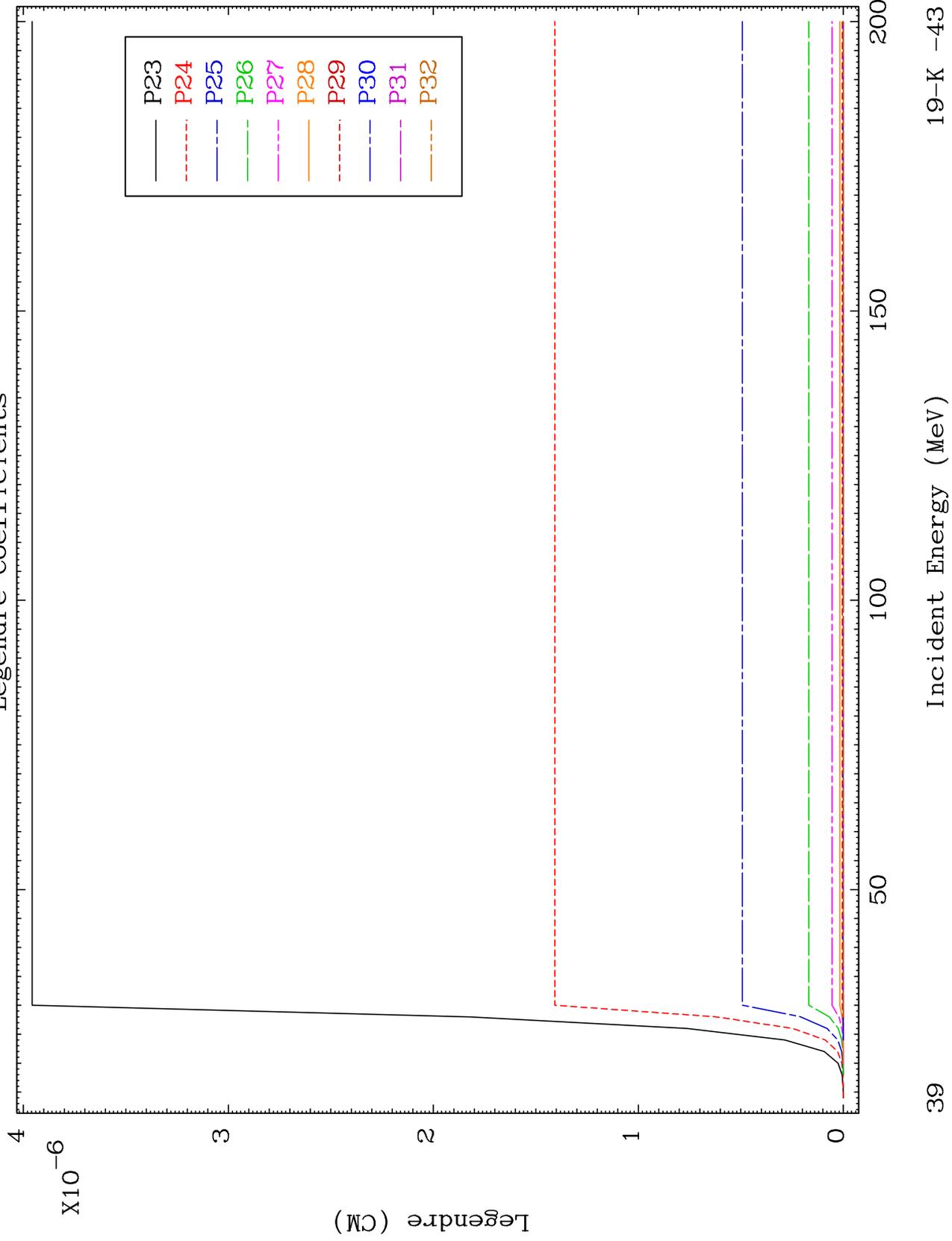
19-K -43



MAT 1937

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

19-K -43



39

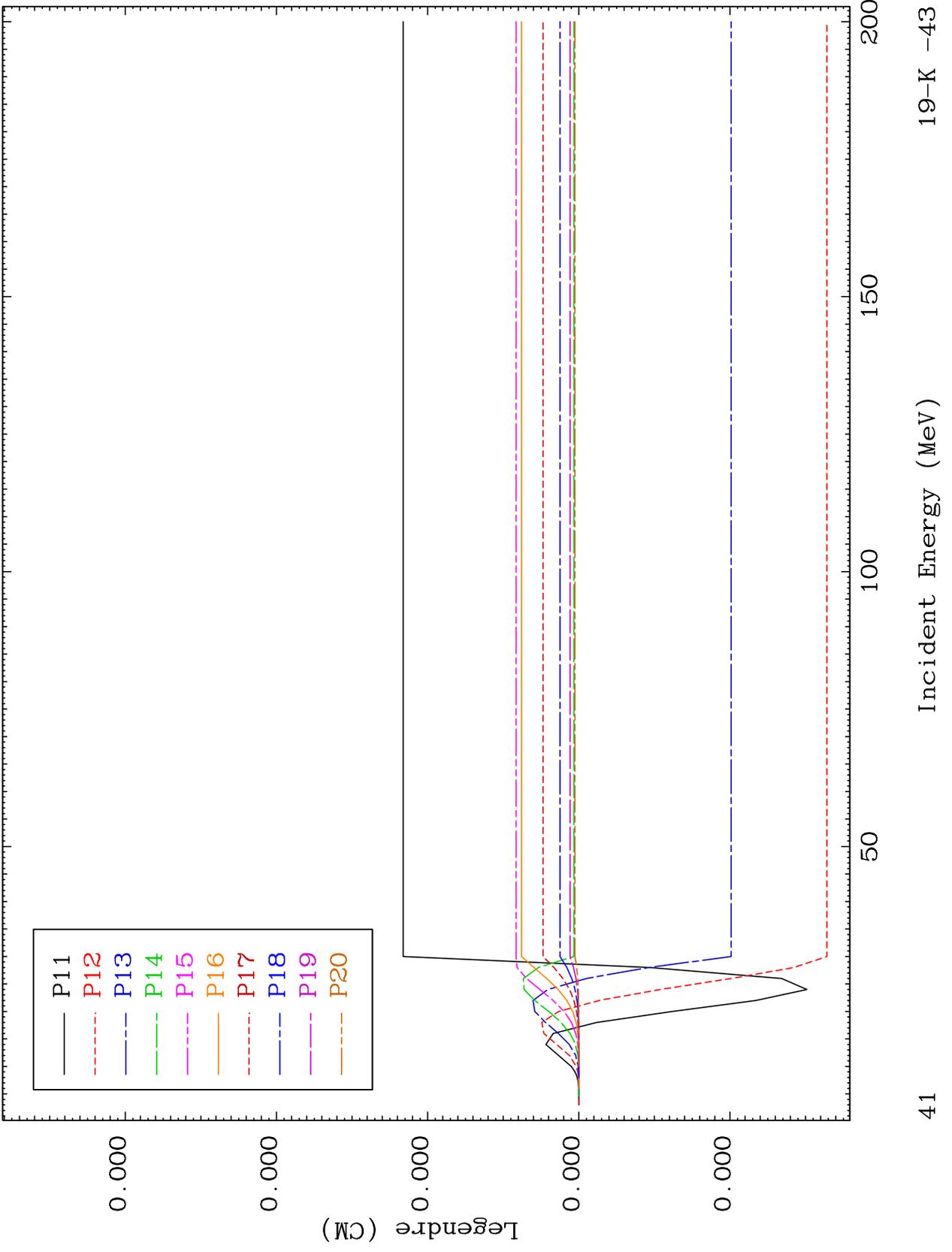
Incident Energy (MeV)

19-K -43

MAT 1937

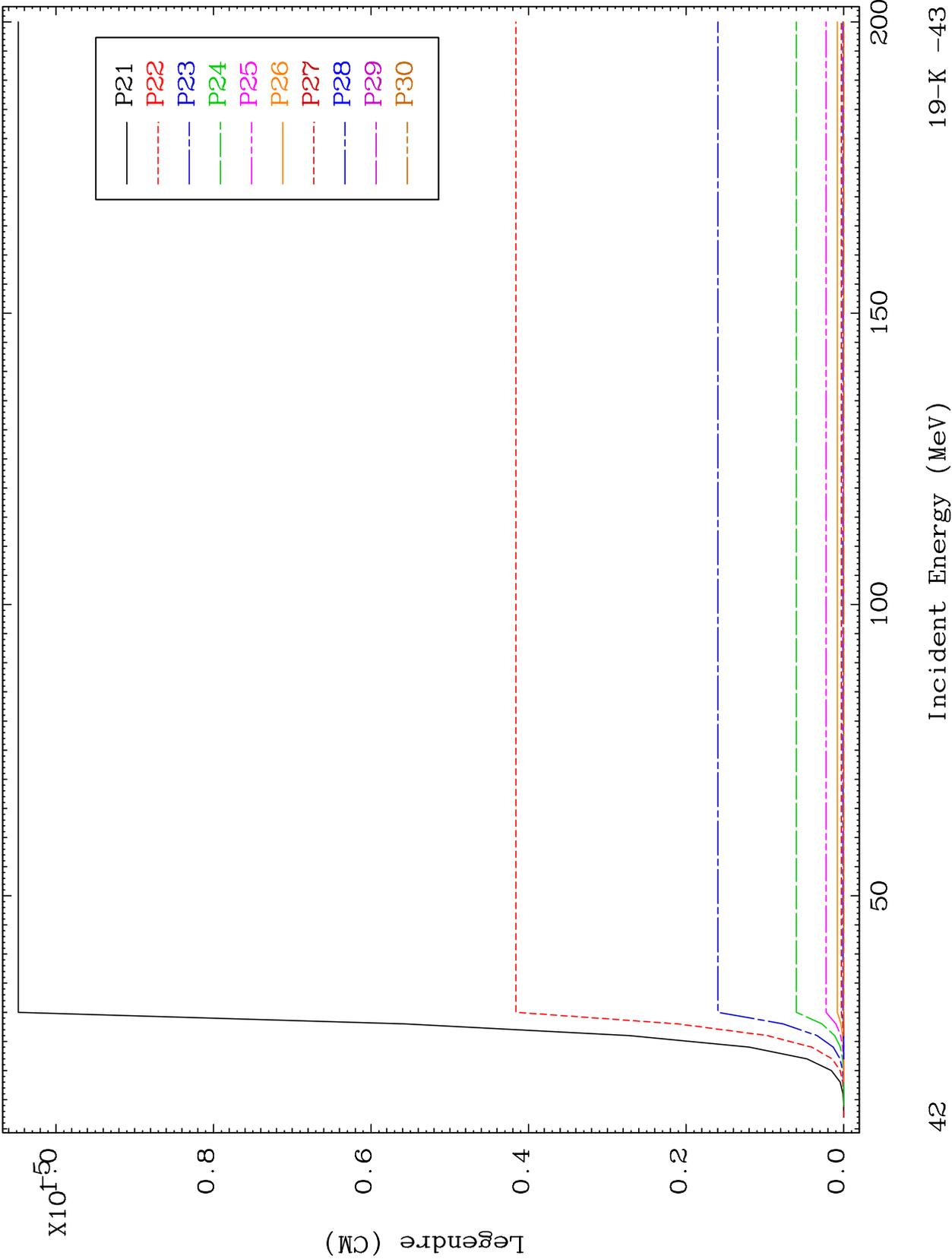
MT= 58 (n,n') Level
Legendre Coefficients

19-K -43



41

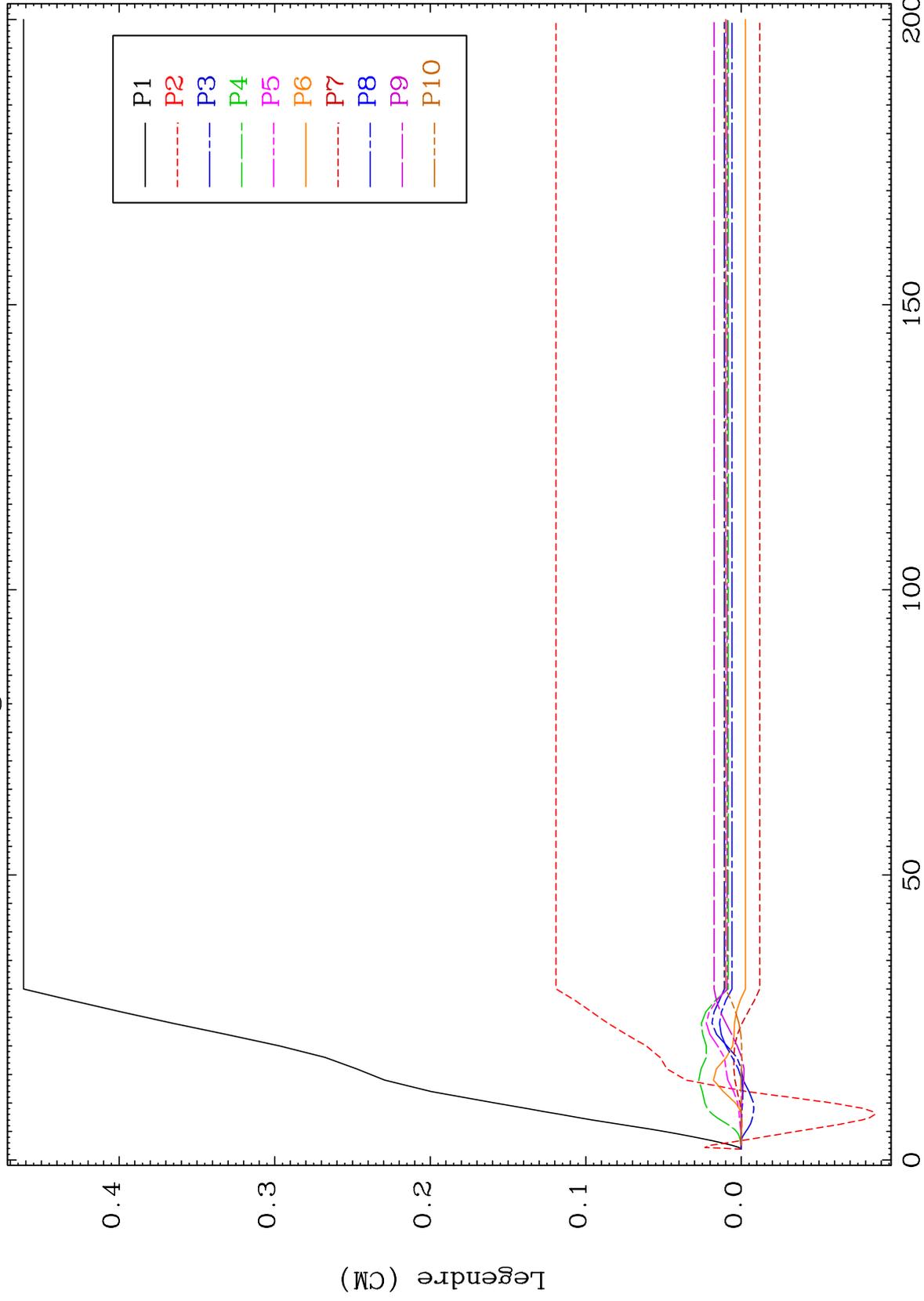
19-K -43



MAT 1937

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

19-K -43



43

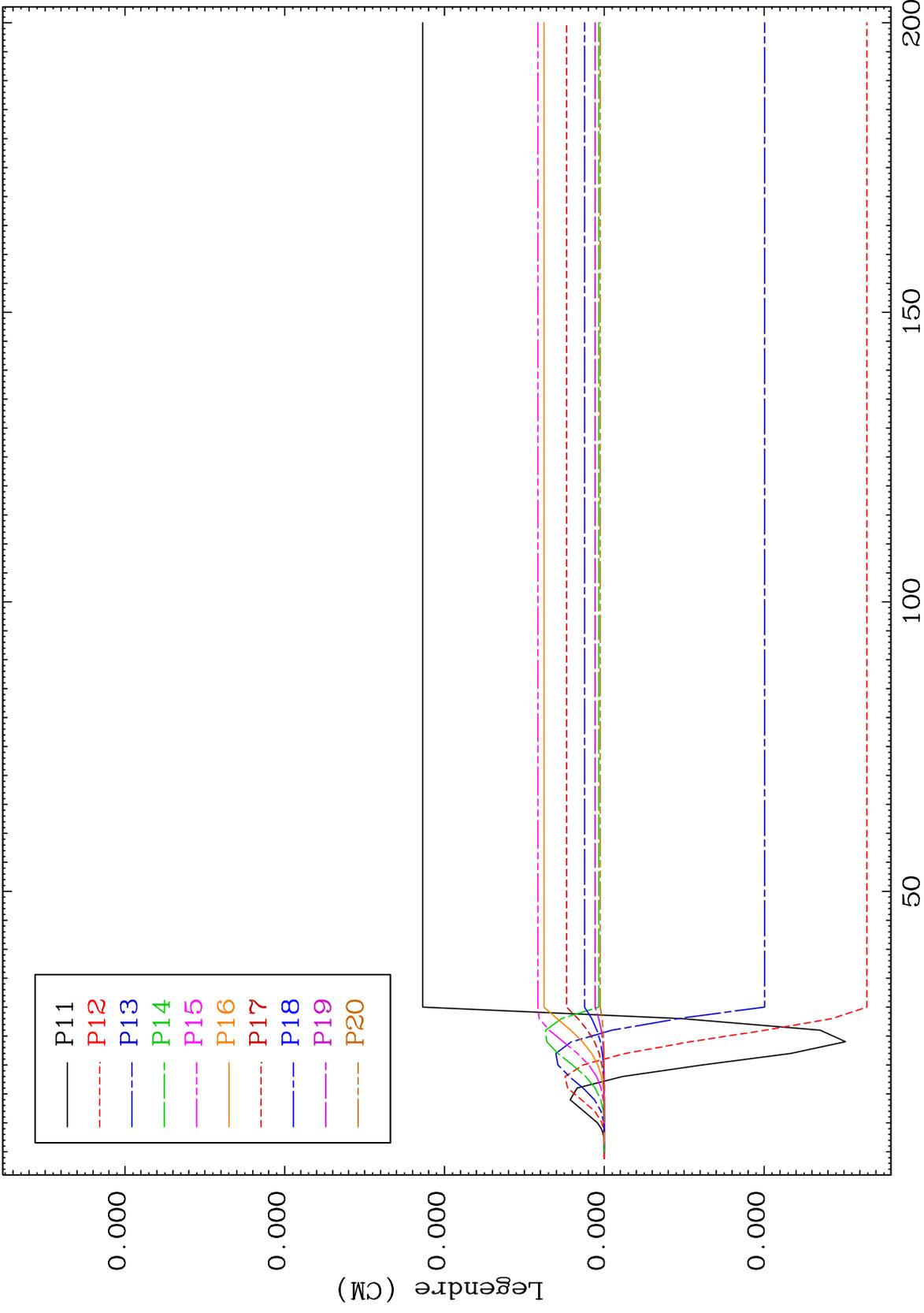
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



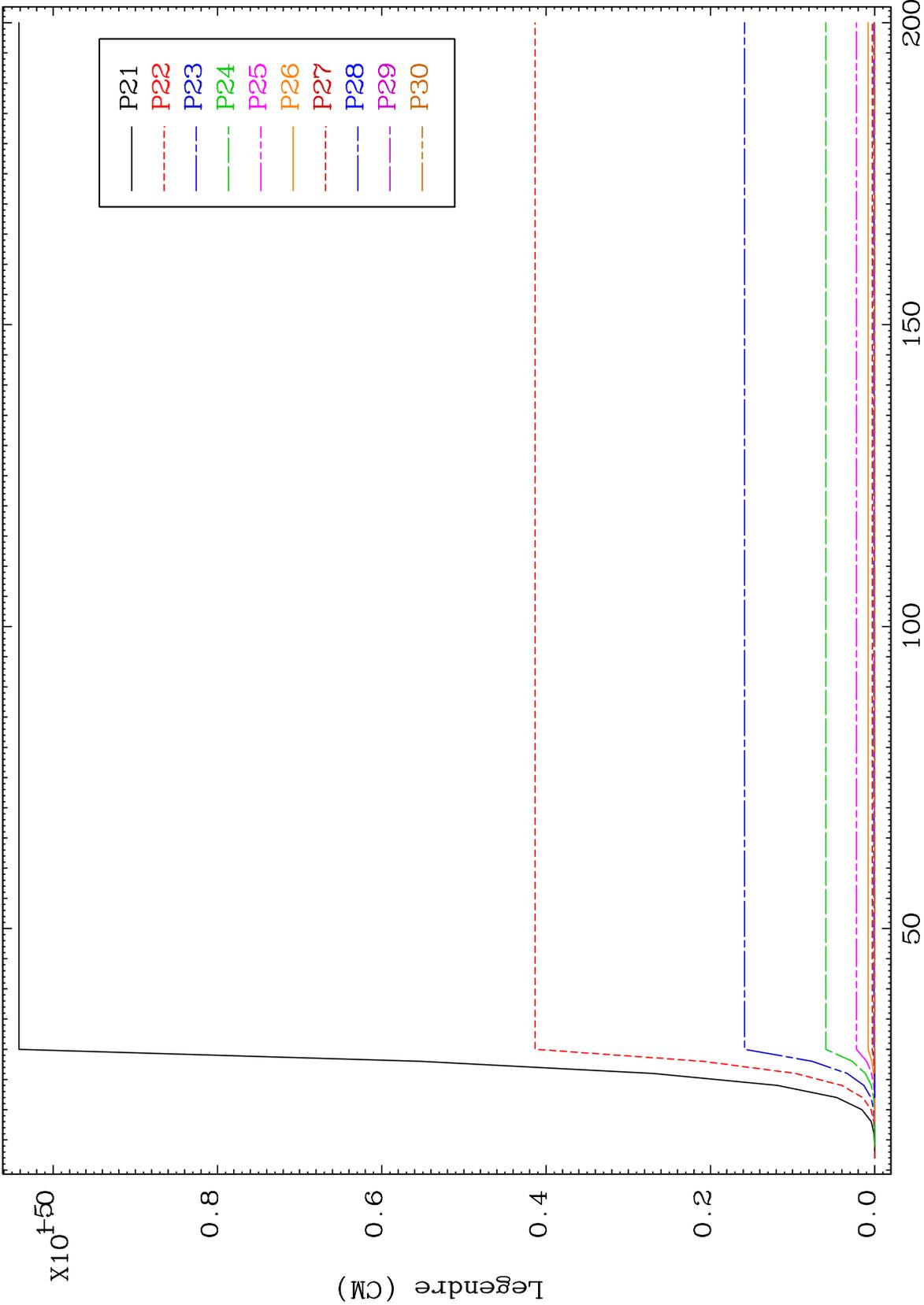
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19-K -43

MAT 1937

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

19-K -43



45

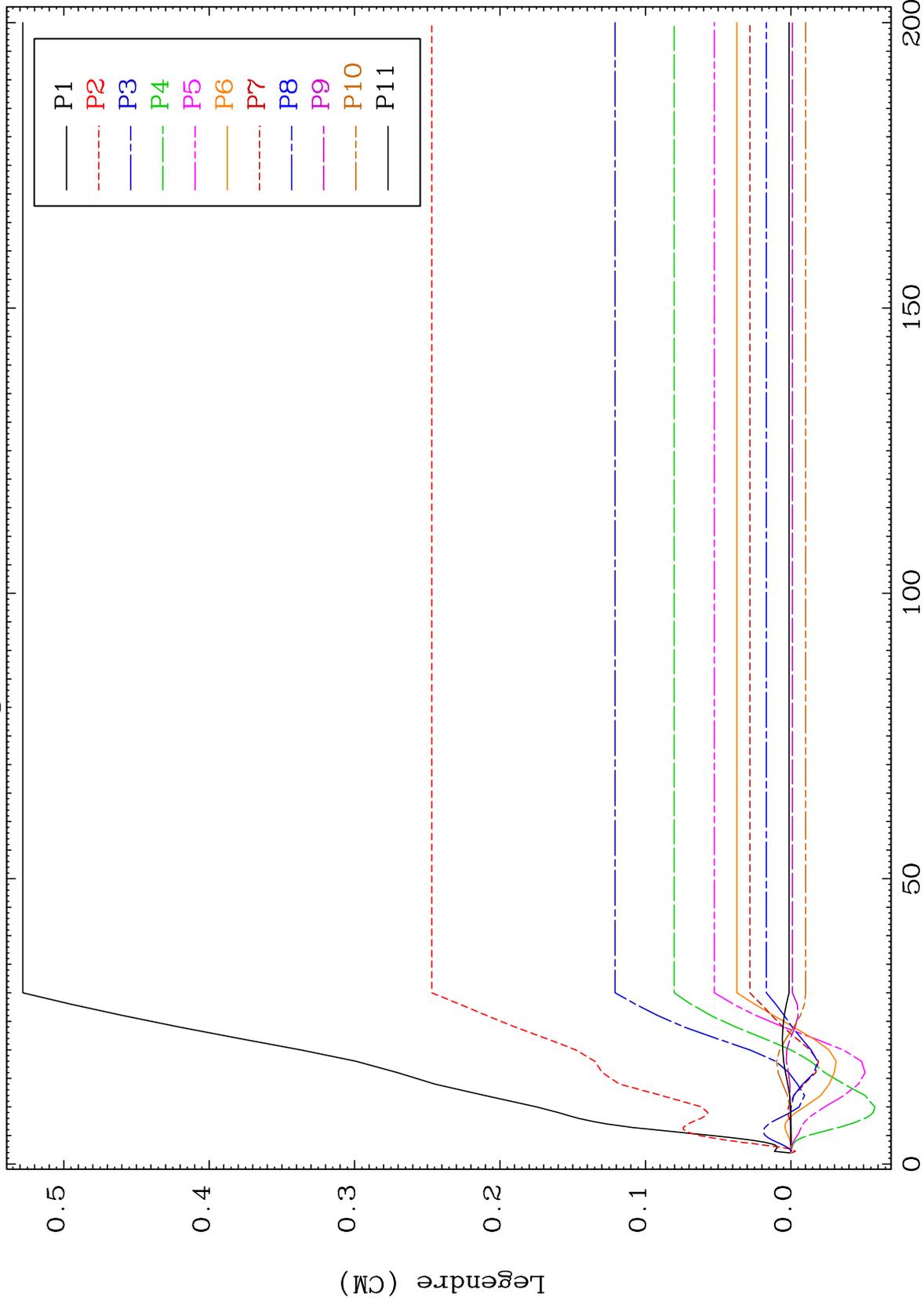
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



46

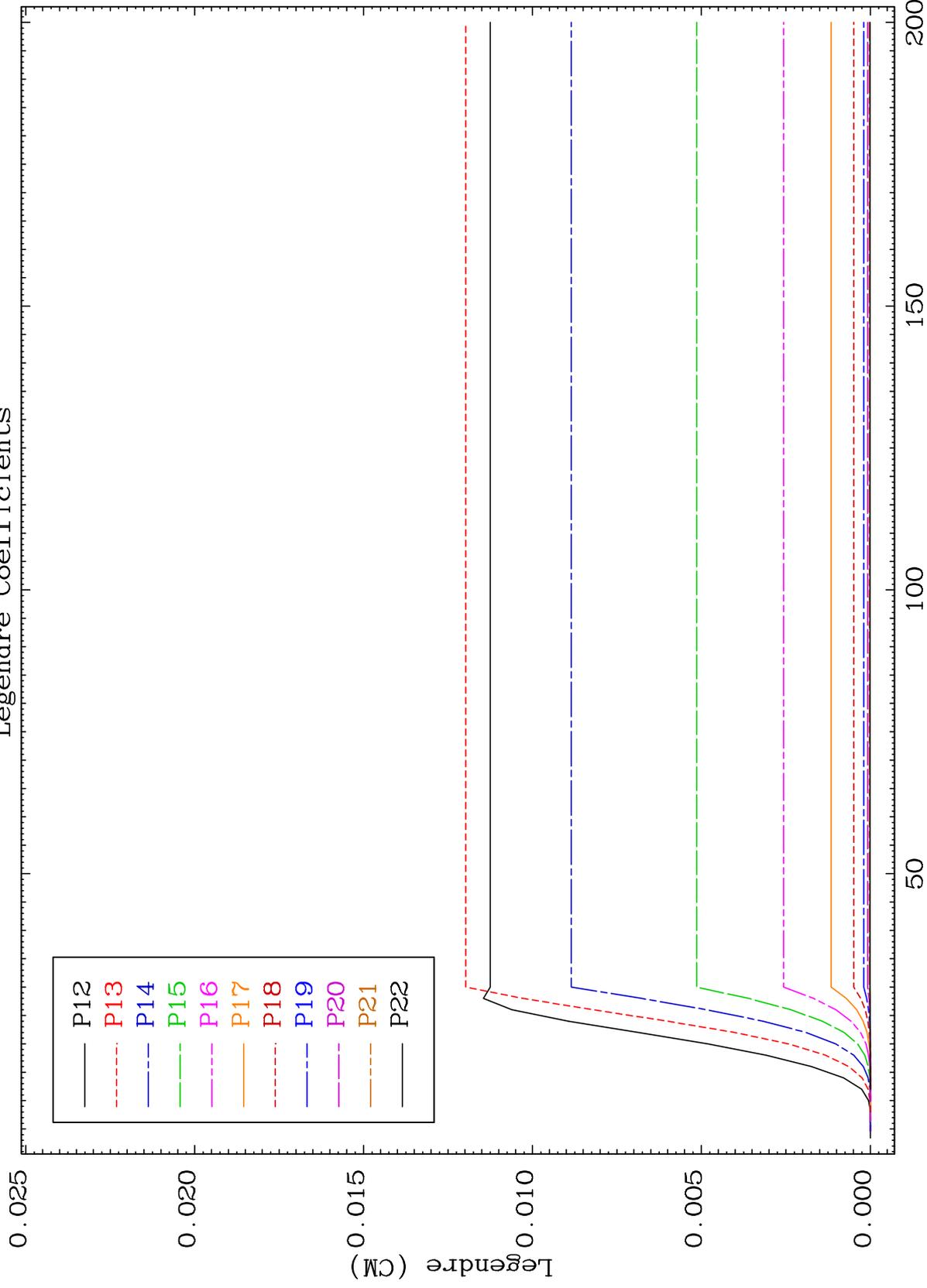
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



47

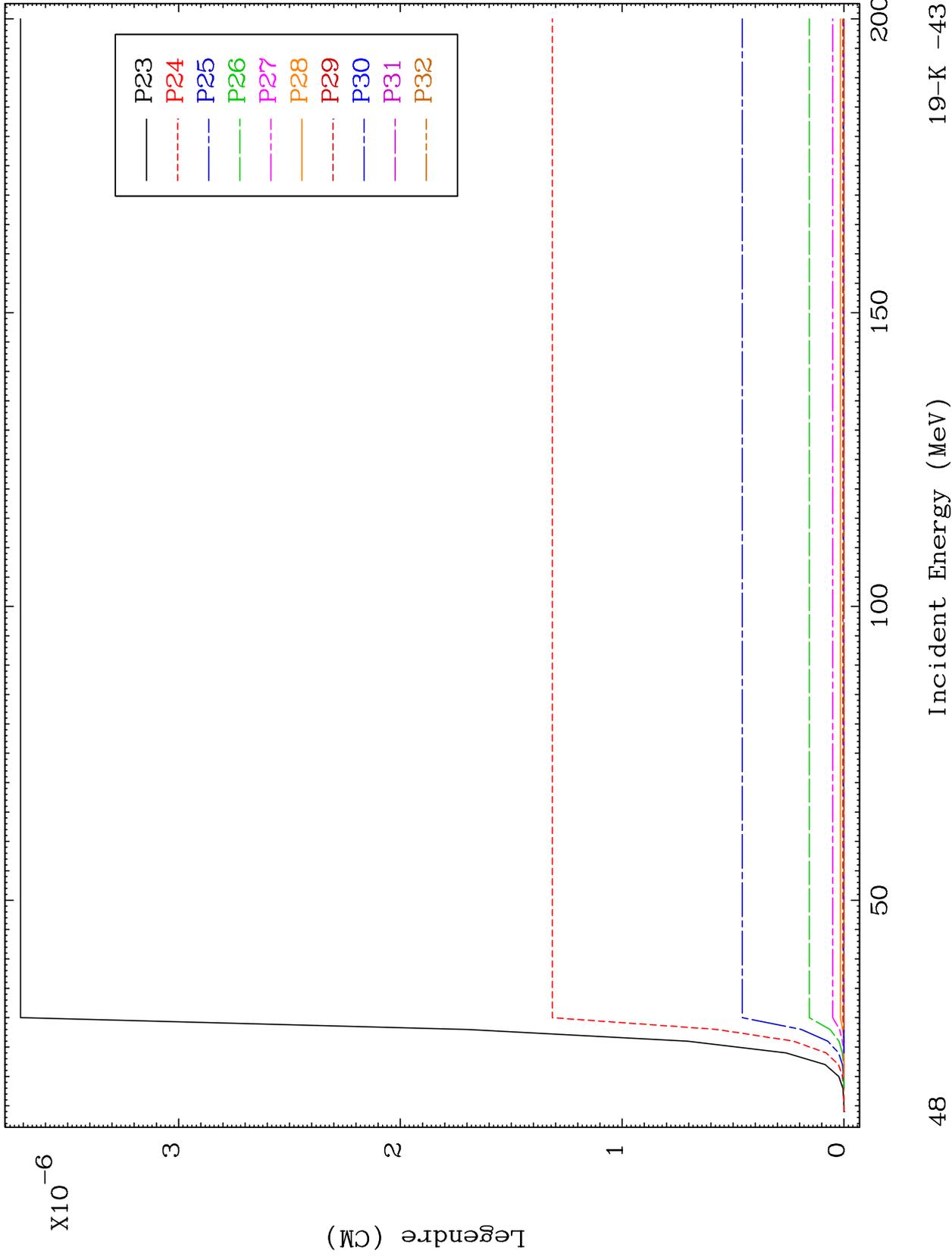
Incident Energy (MeV)

19-K -43

MAT 1937

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

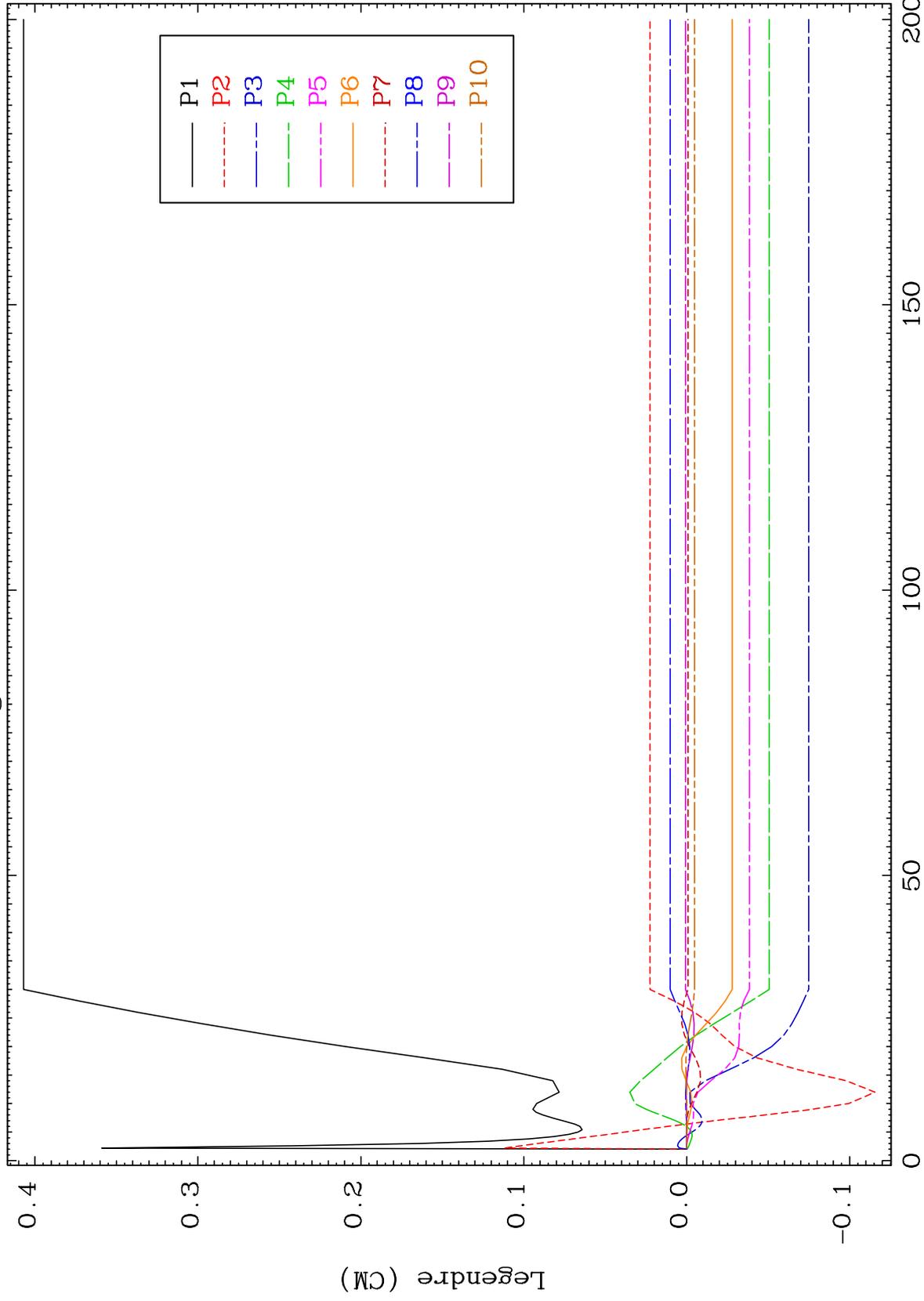
19-K -43



MAT 1937

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

19-K -43



49

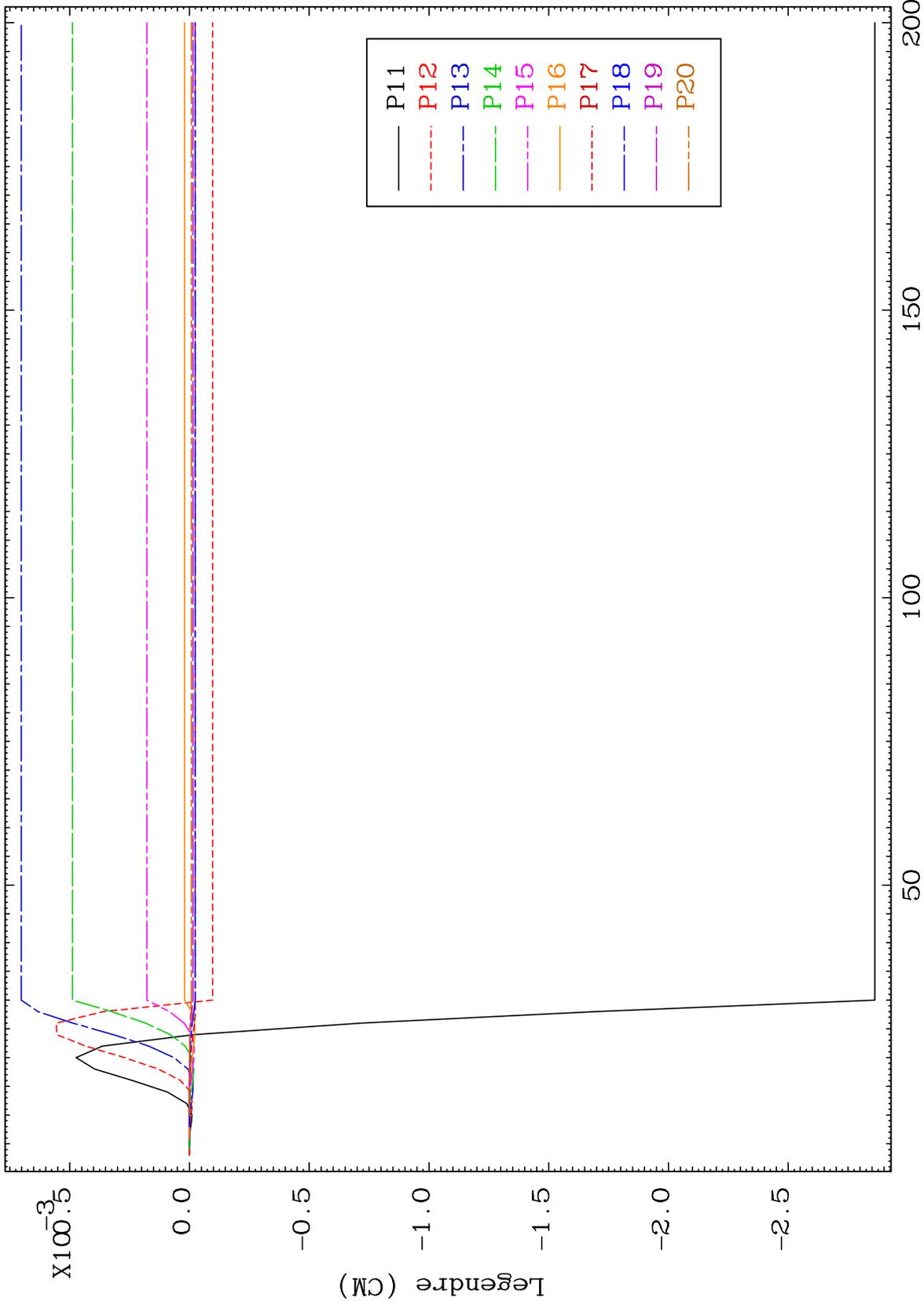
19-K -43

19-K -43

MAT 1937

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

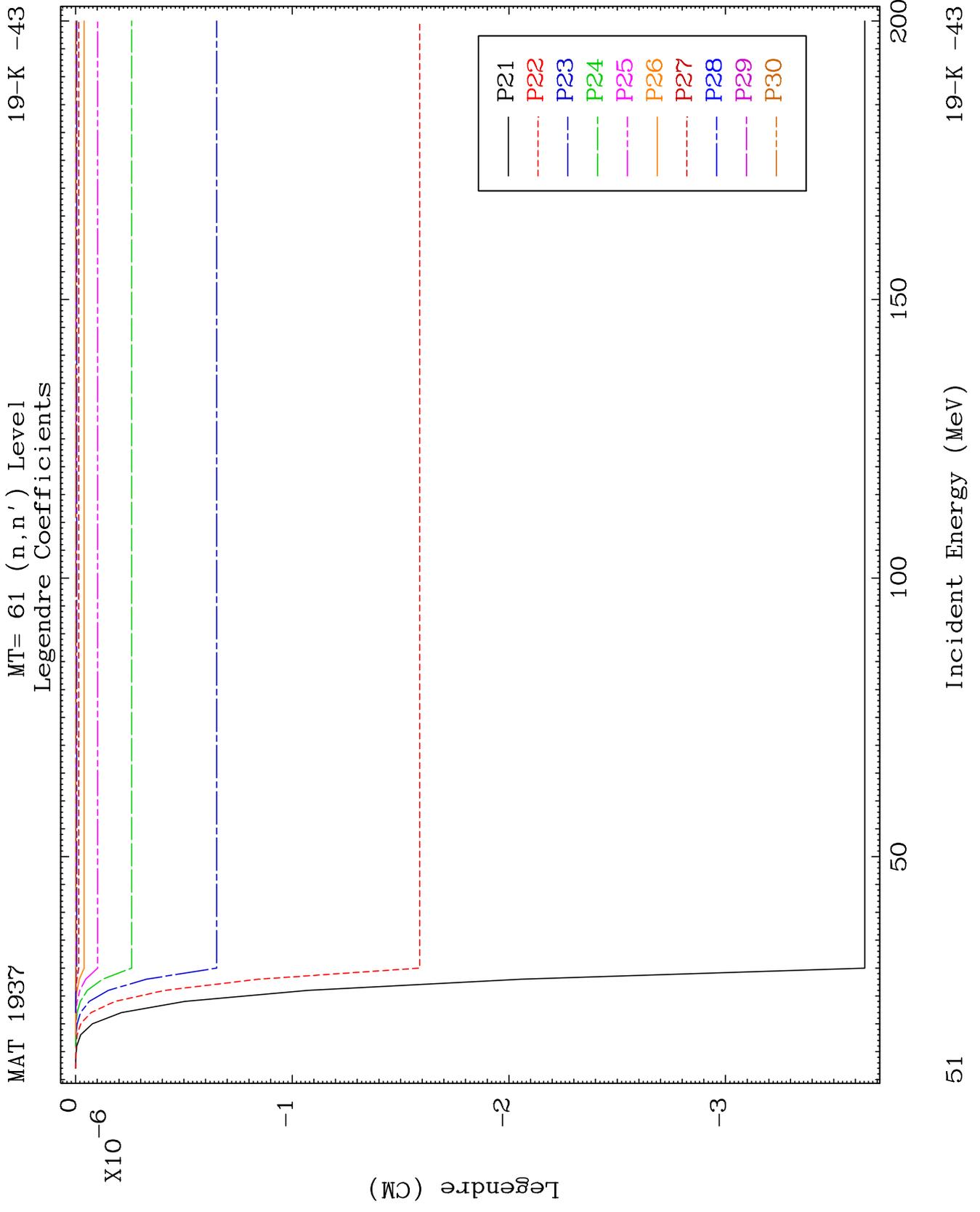
19-K -43



50

Incident Energy (MeV)

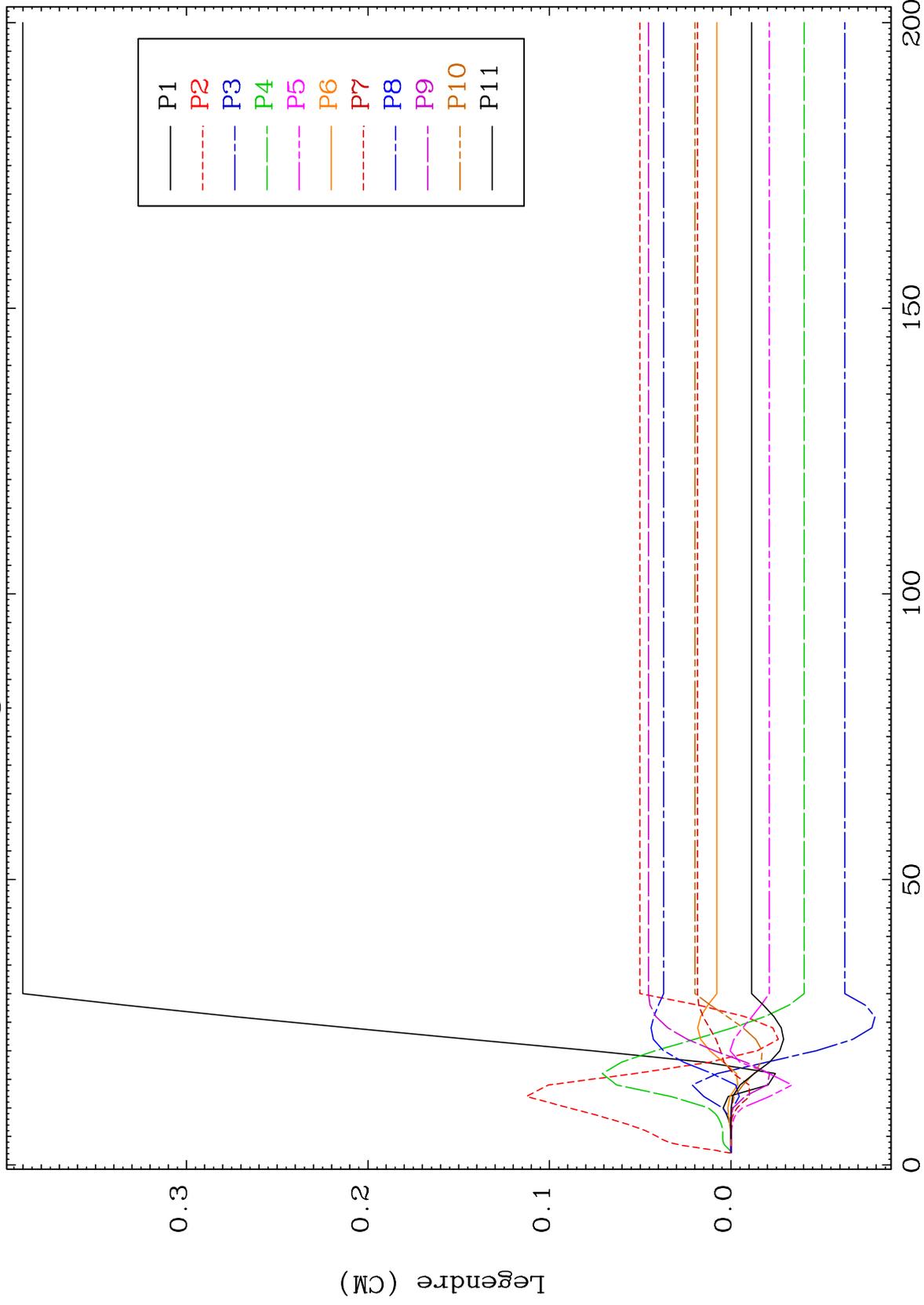
19-K -43



MAT 1937

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

19-K -43



52

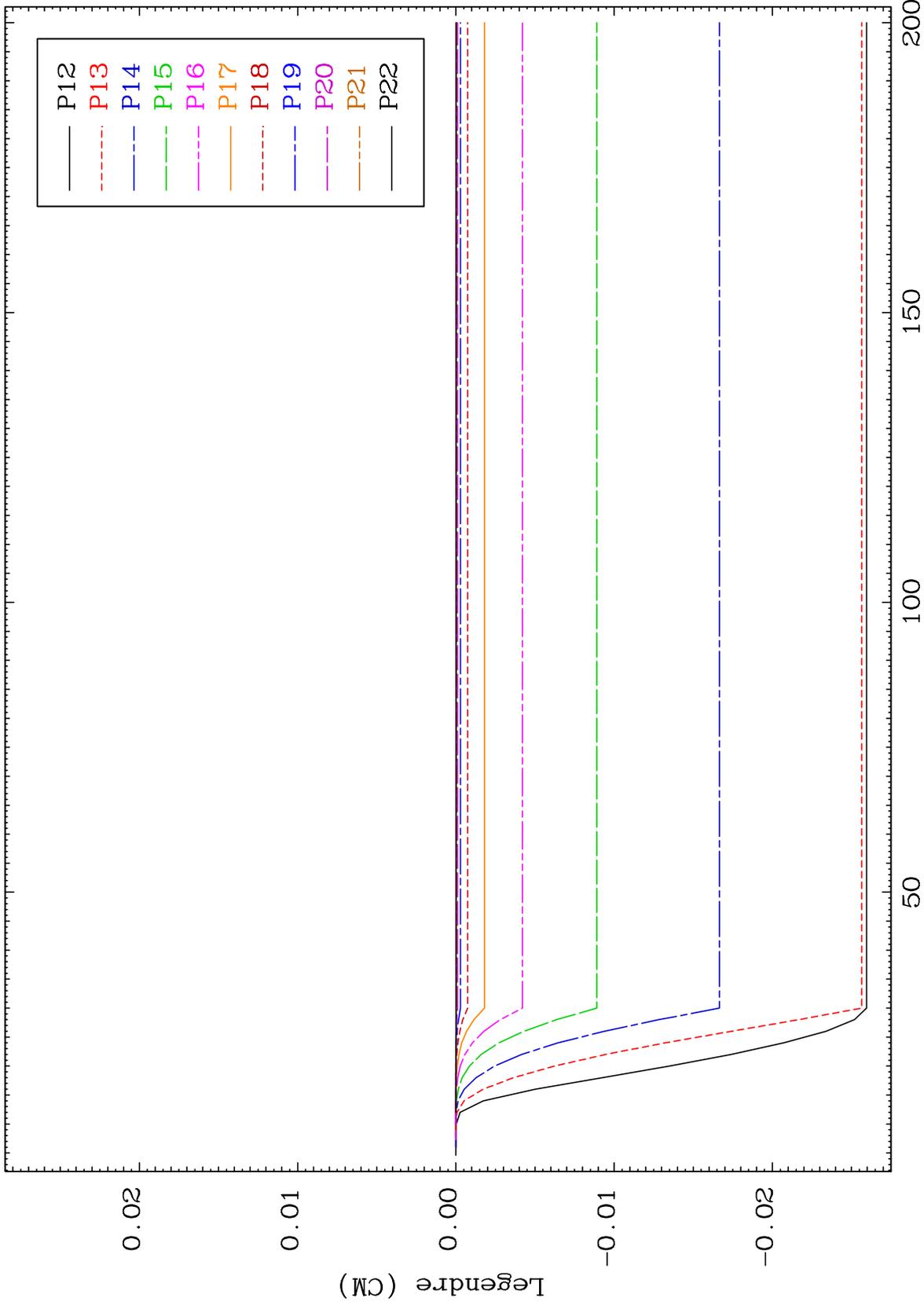
19-K -43

19-K -43

MAT 1937

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

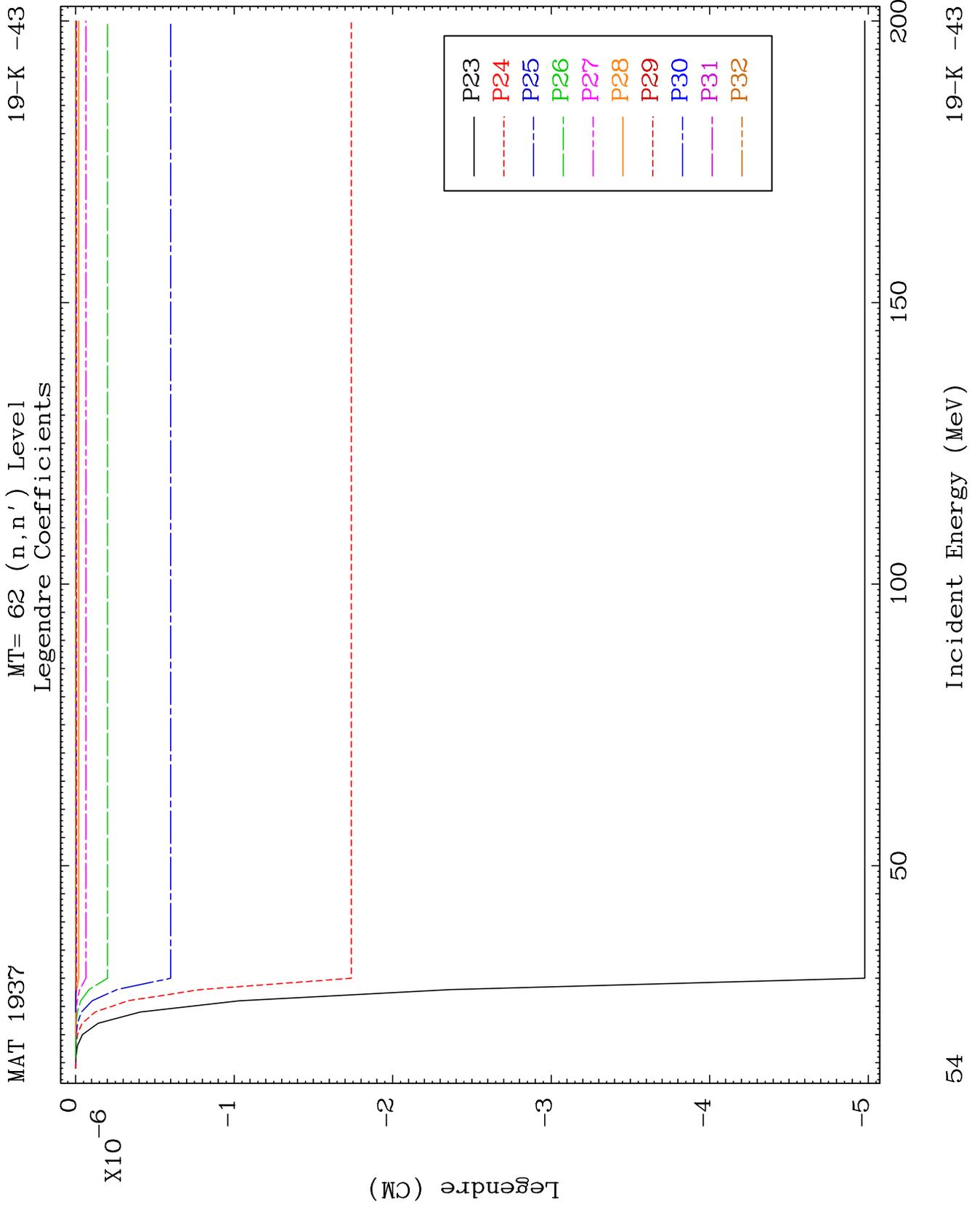
19-K -43



53

Incident Energy (MeV)

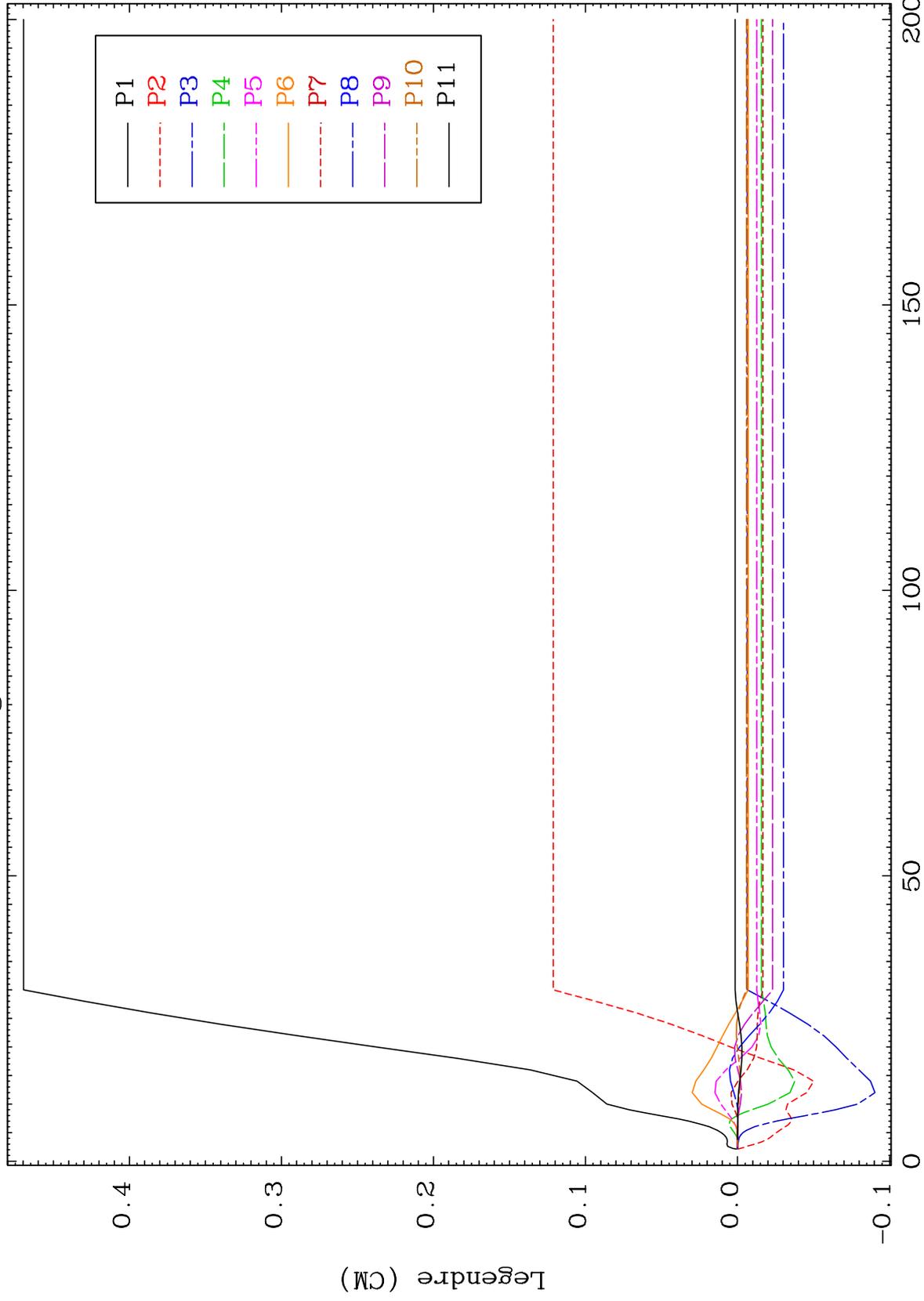
19-K -43



MAT 1937

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

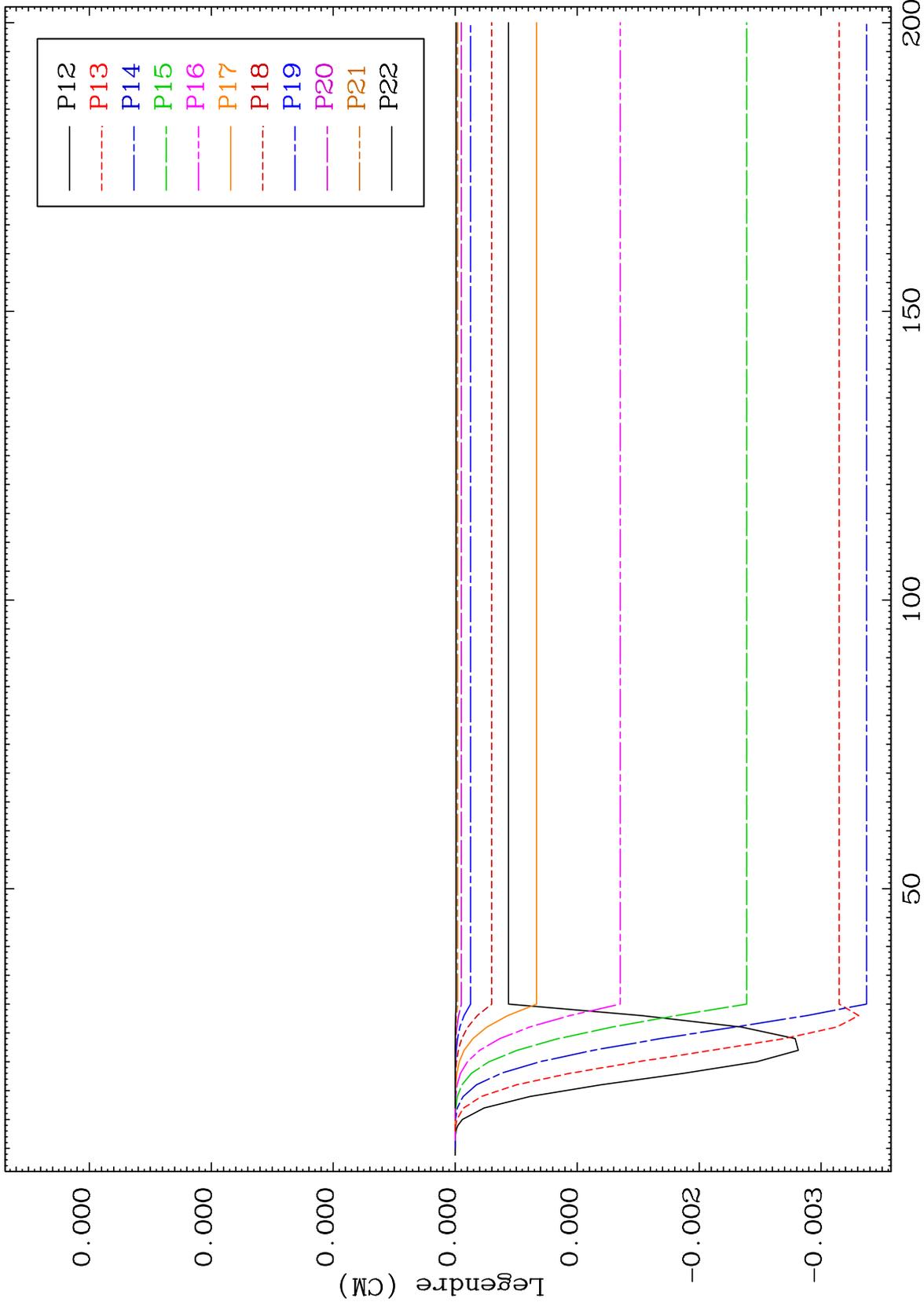
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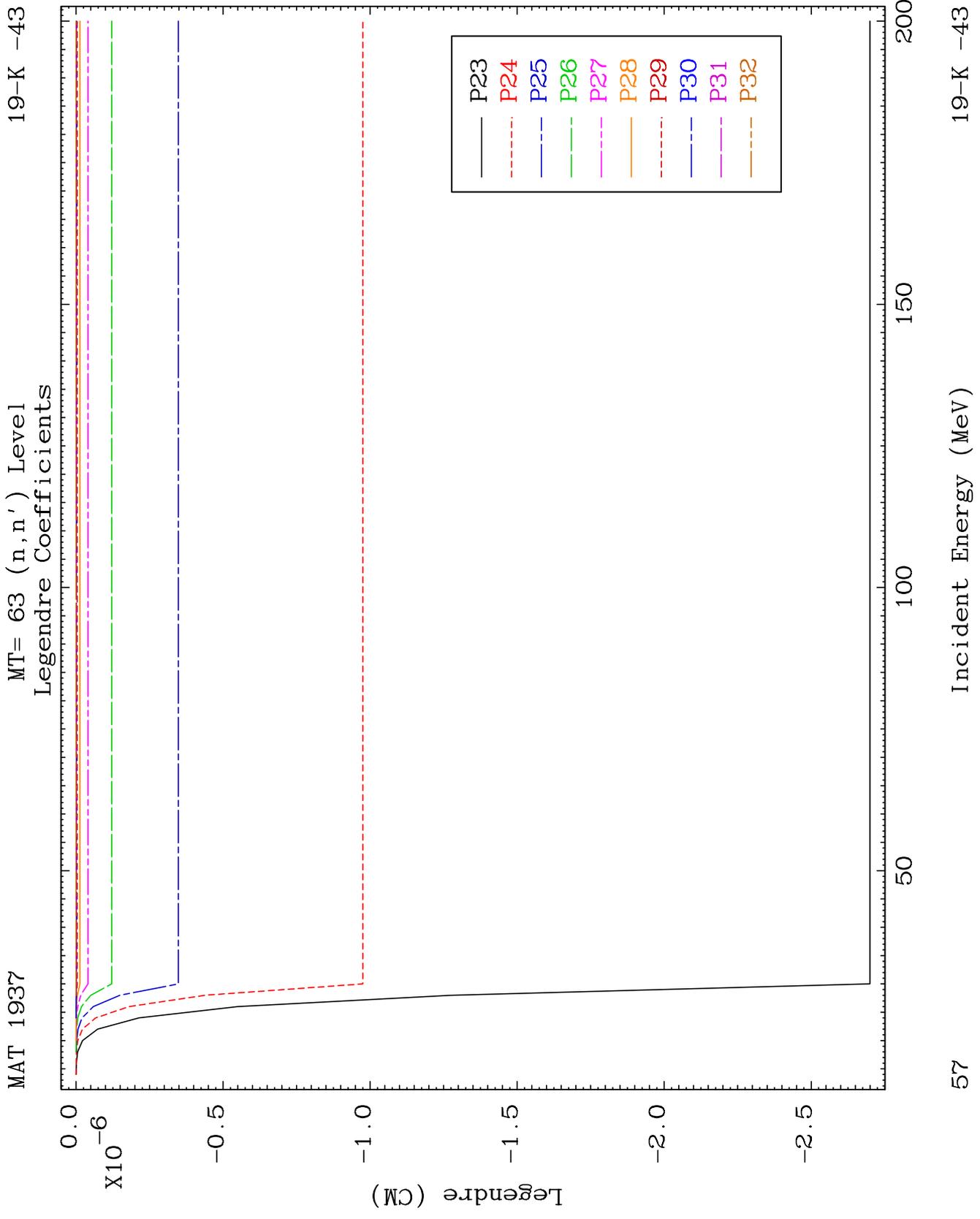


55

19-K -43

19-K -43

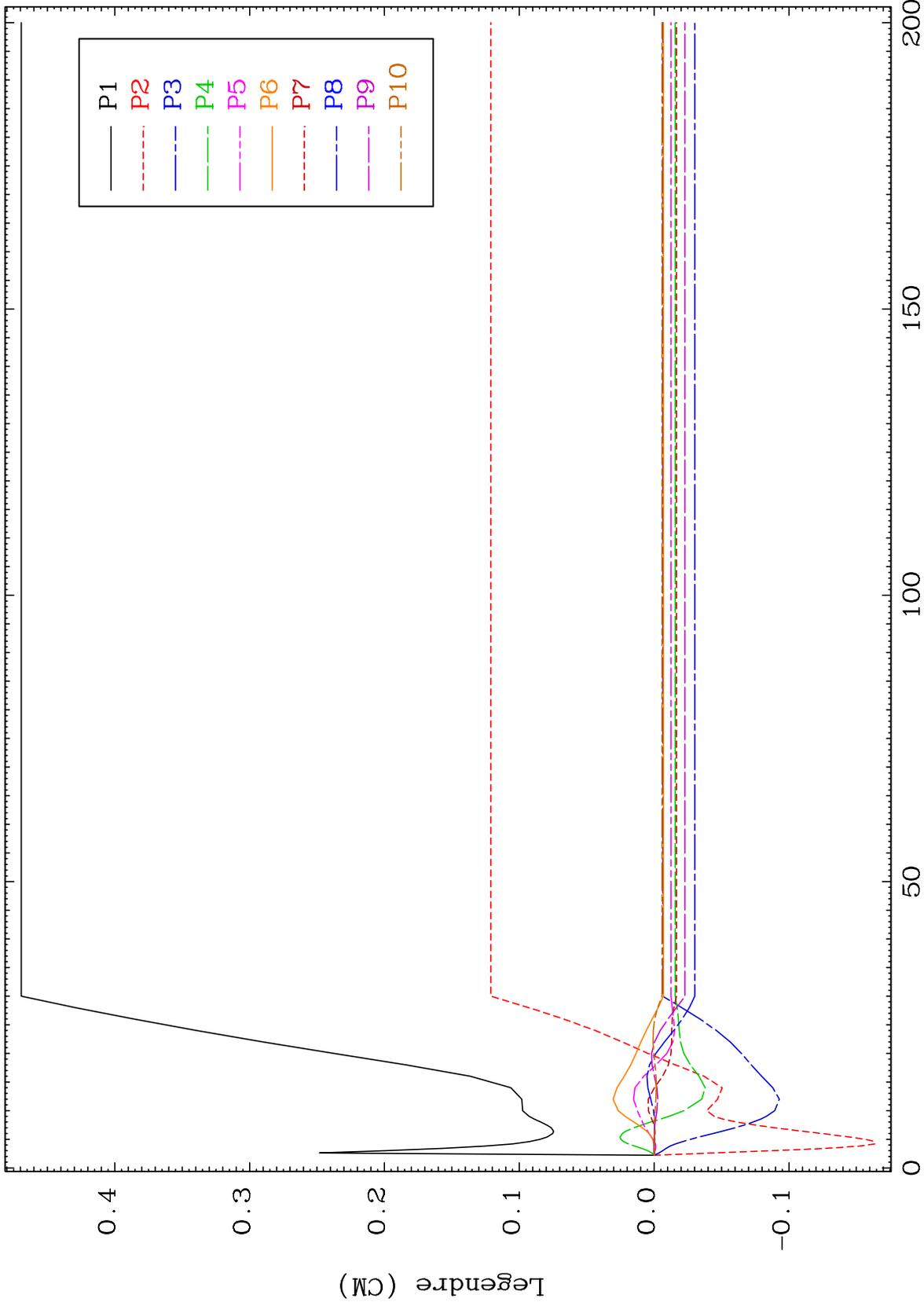




MAT 1937

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

19-K -43



58

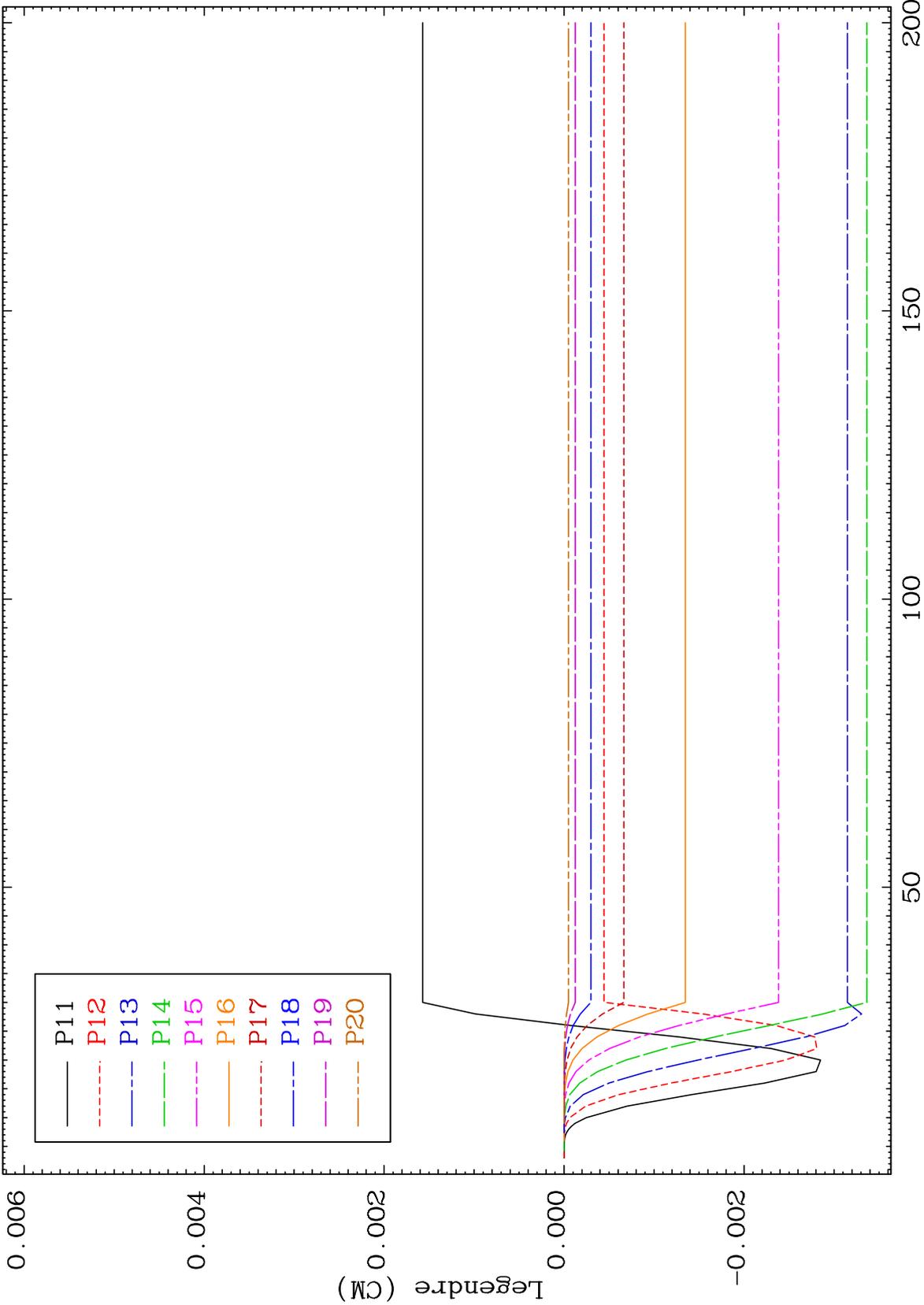
Incident Energy (MeV)

19-K -43

MAT 1937

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

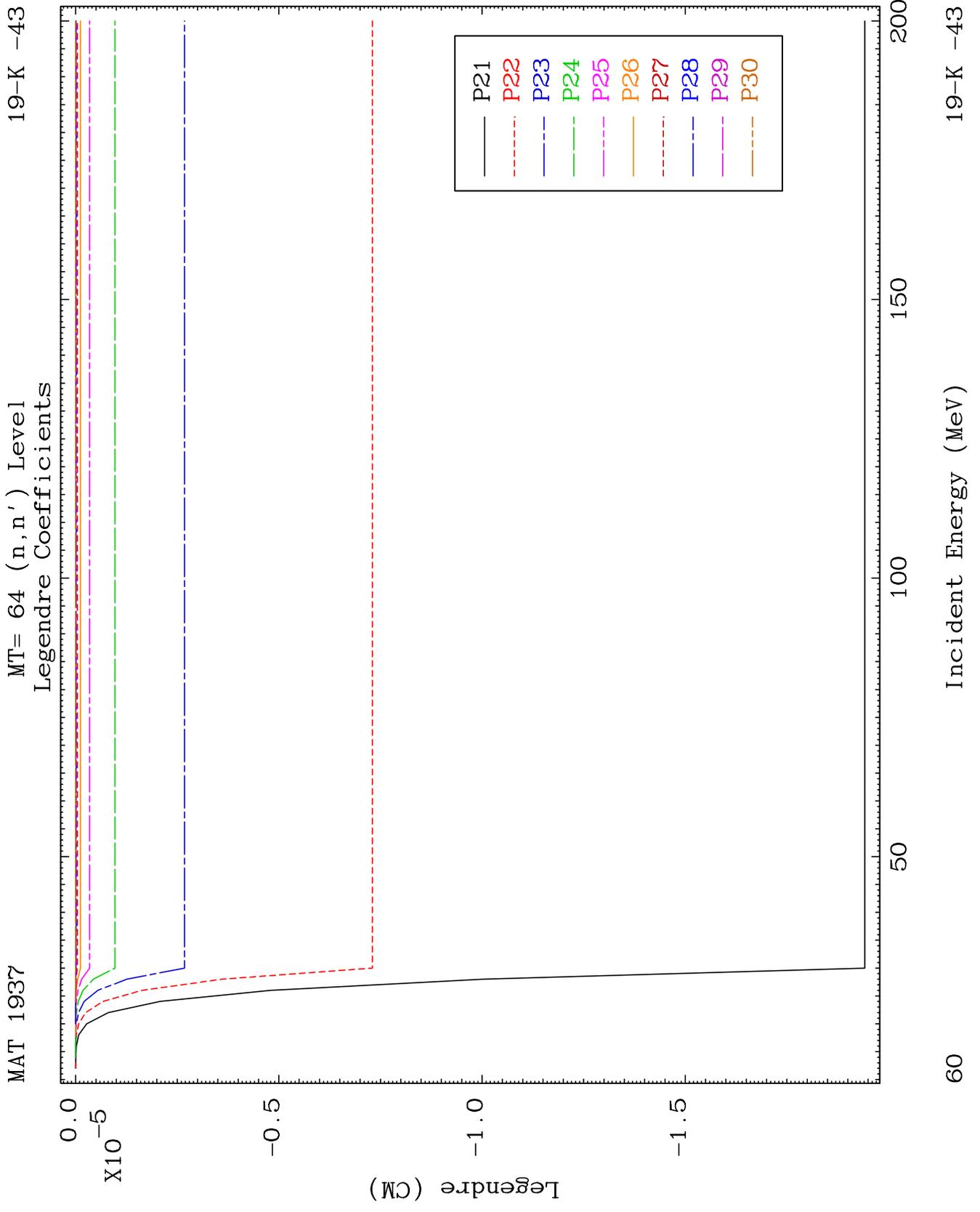
19-K -43



59

Incident Energy (MeV)

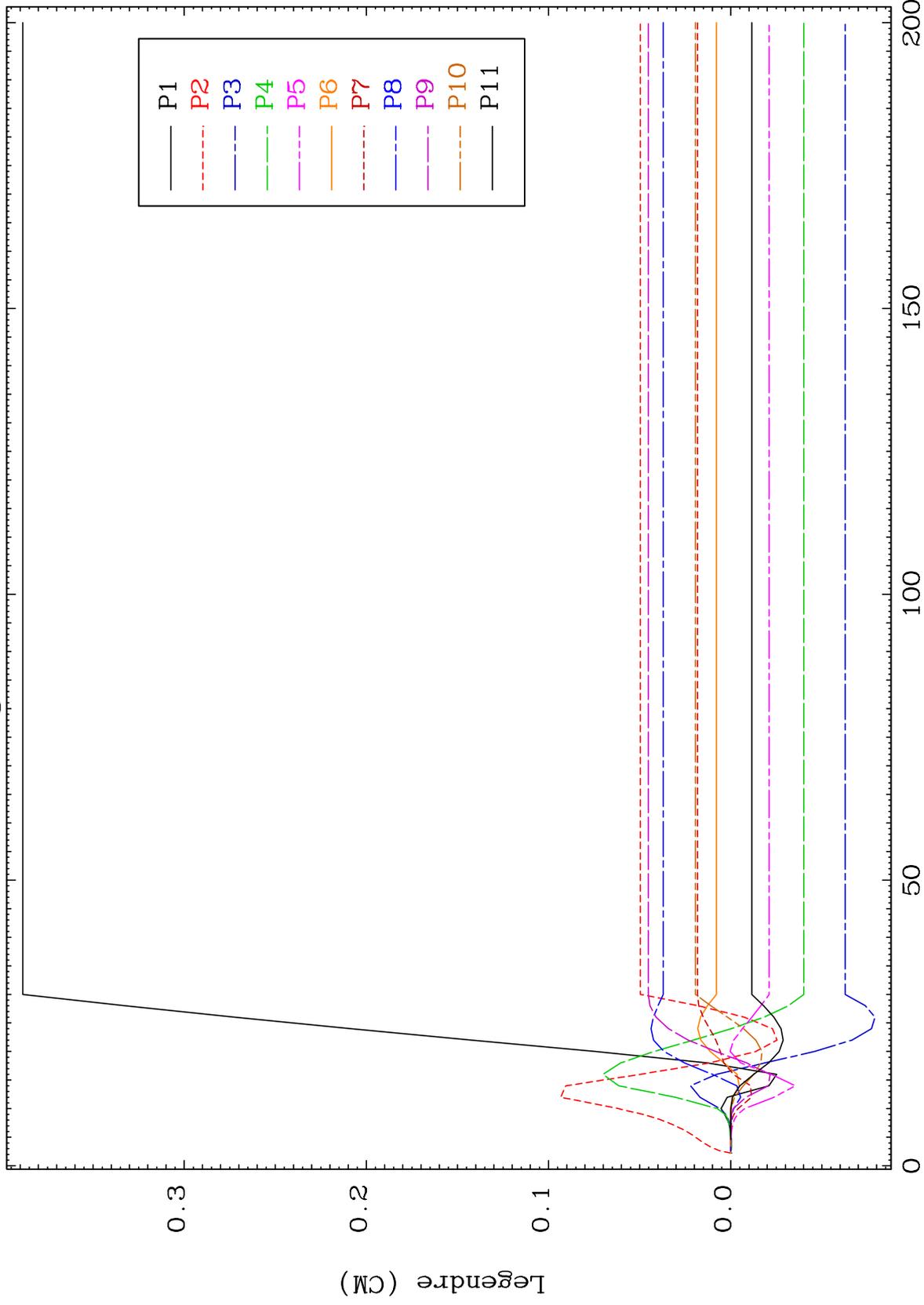
19-K -43



MAT 1937

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

19-K -43



61

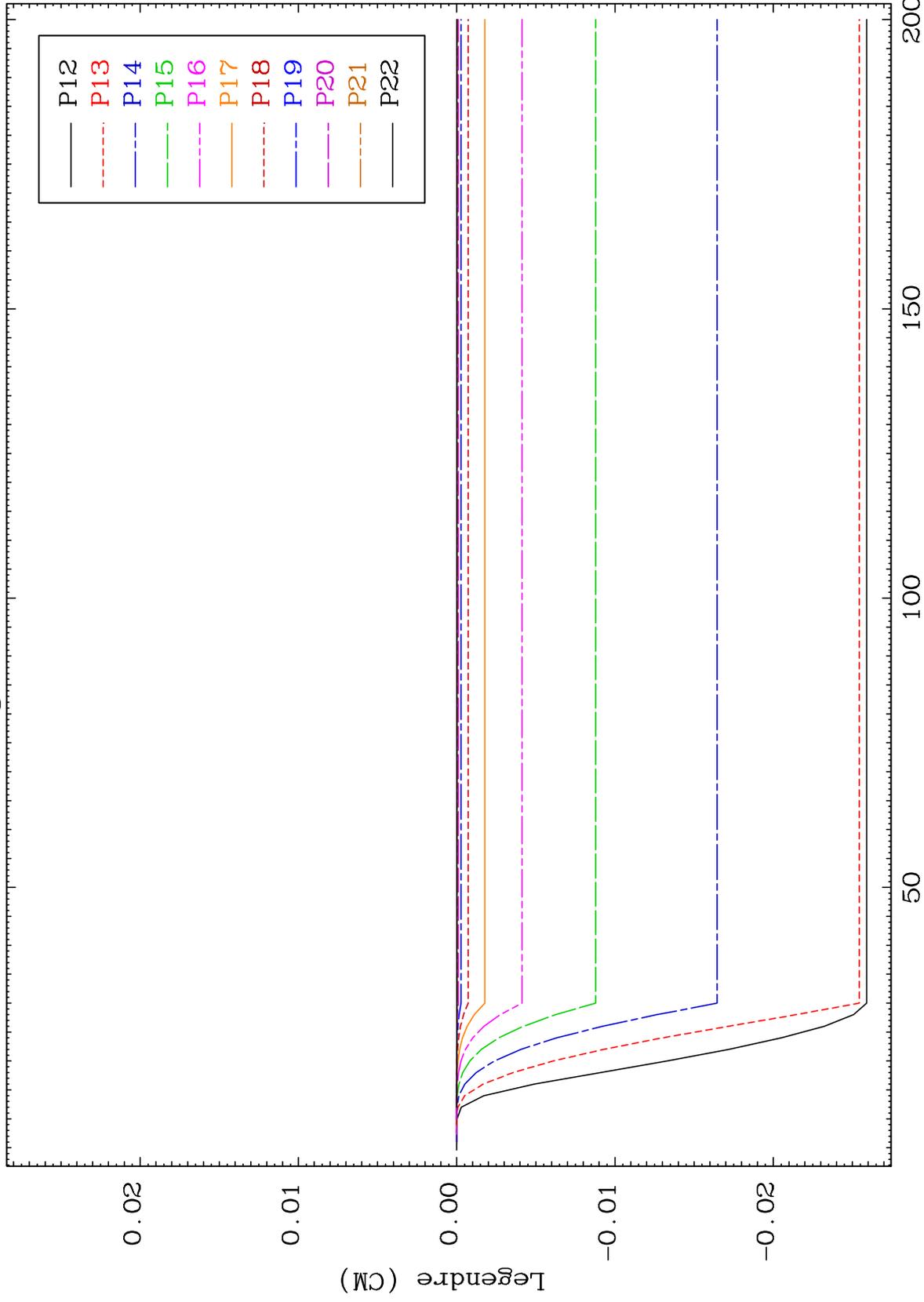
Incident Energy (MeV)

19-K -43

MAT 1937

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

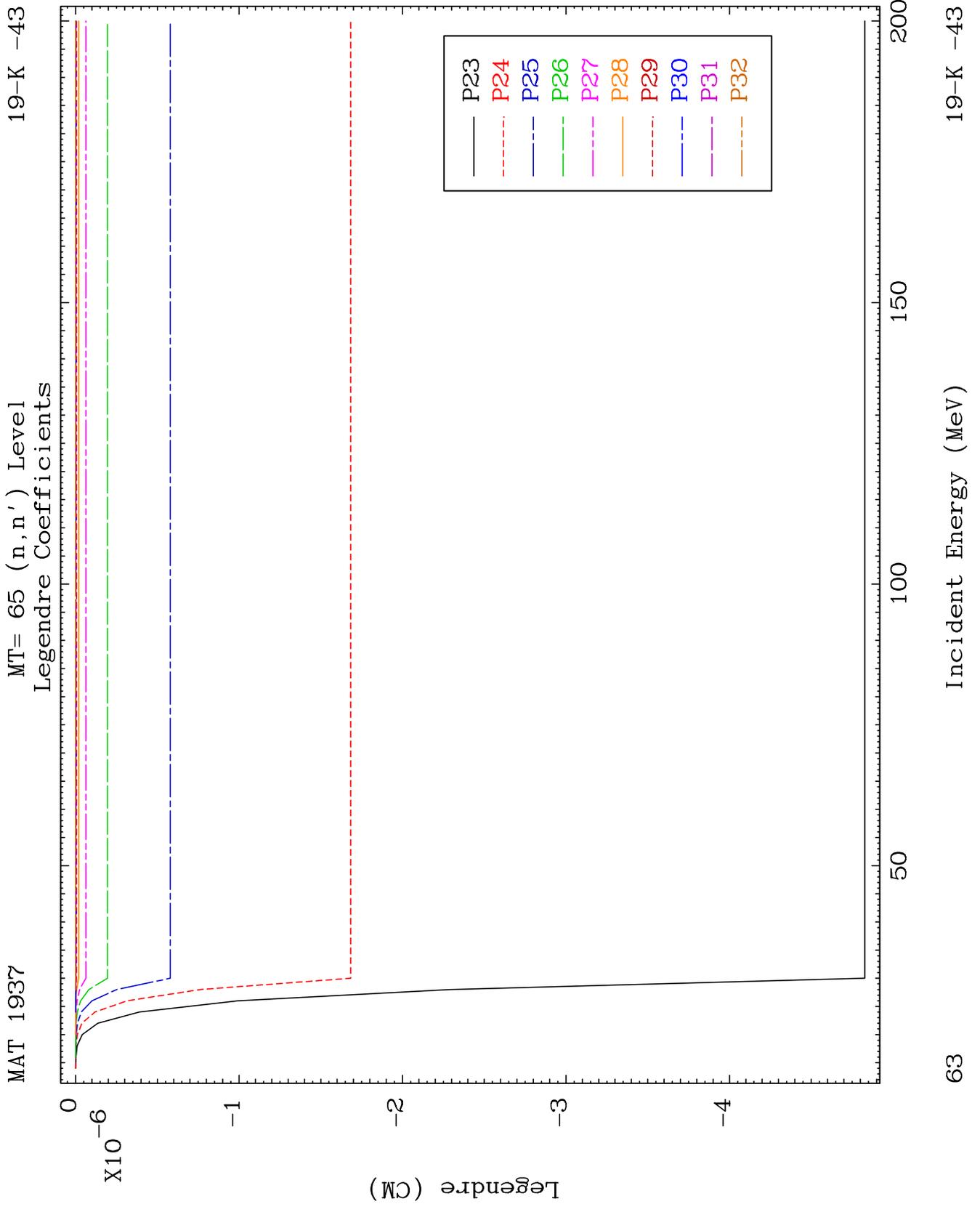
19-K -43



62

Incident Energy (MeV)

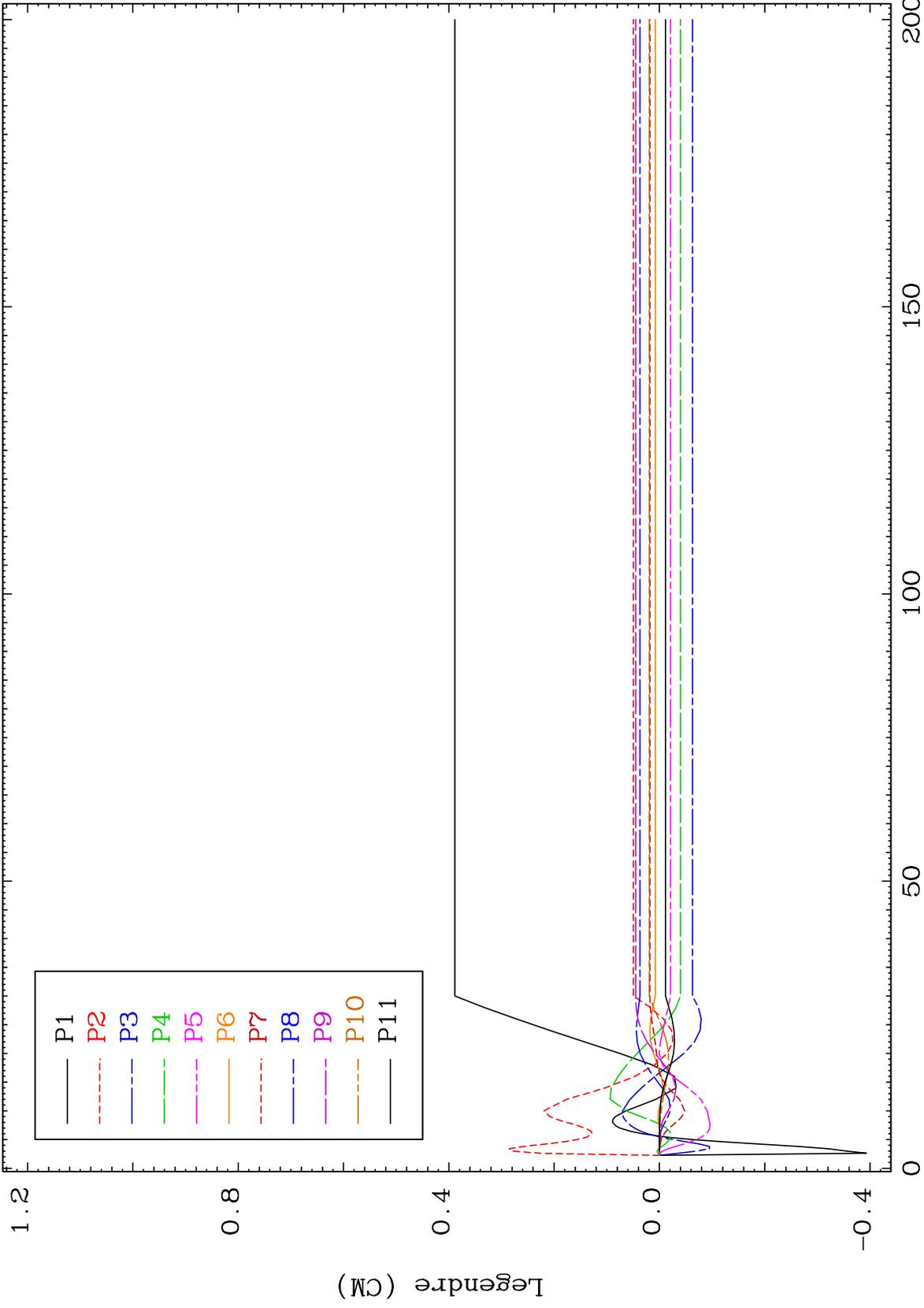
19-K -43



MAT 1937

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

19-K -43



64

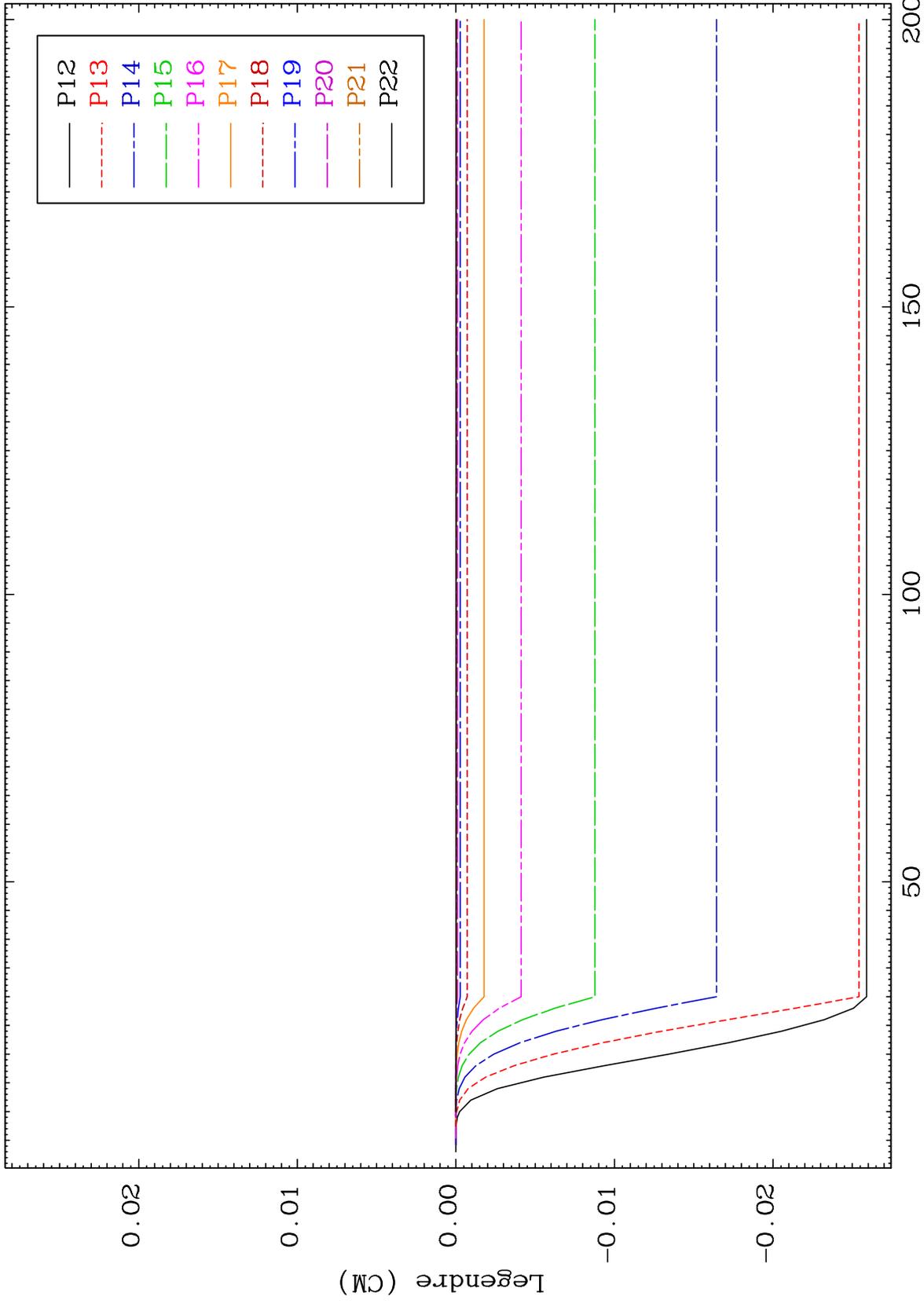
Incident Energy (MeV)

19-K -43

MAT 1937

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

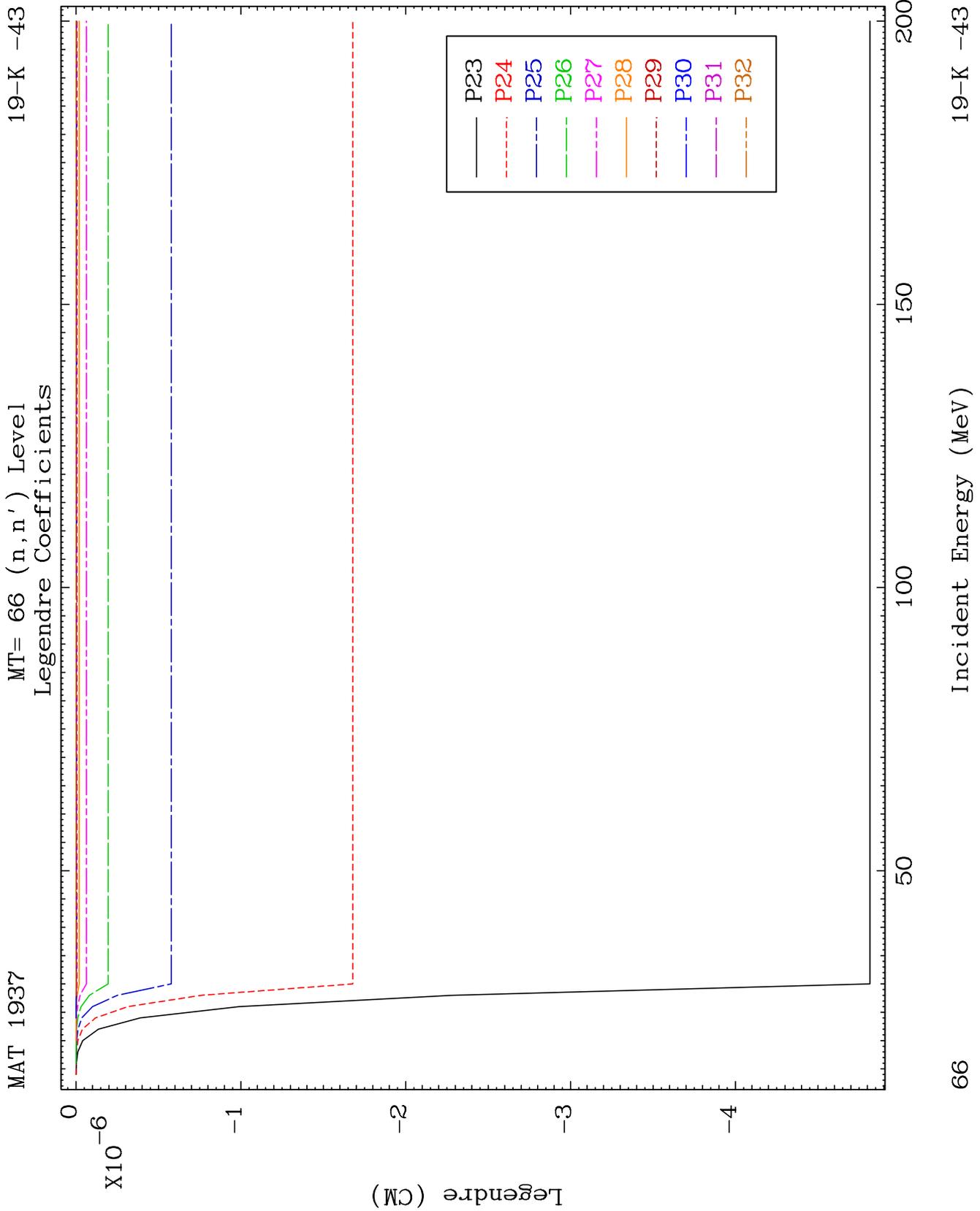
19-K -43



65

Incident Energy (MeV)

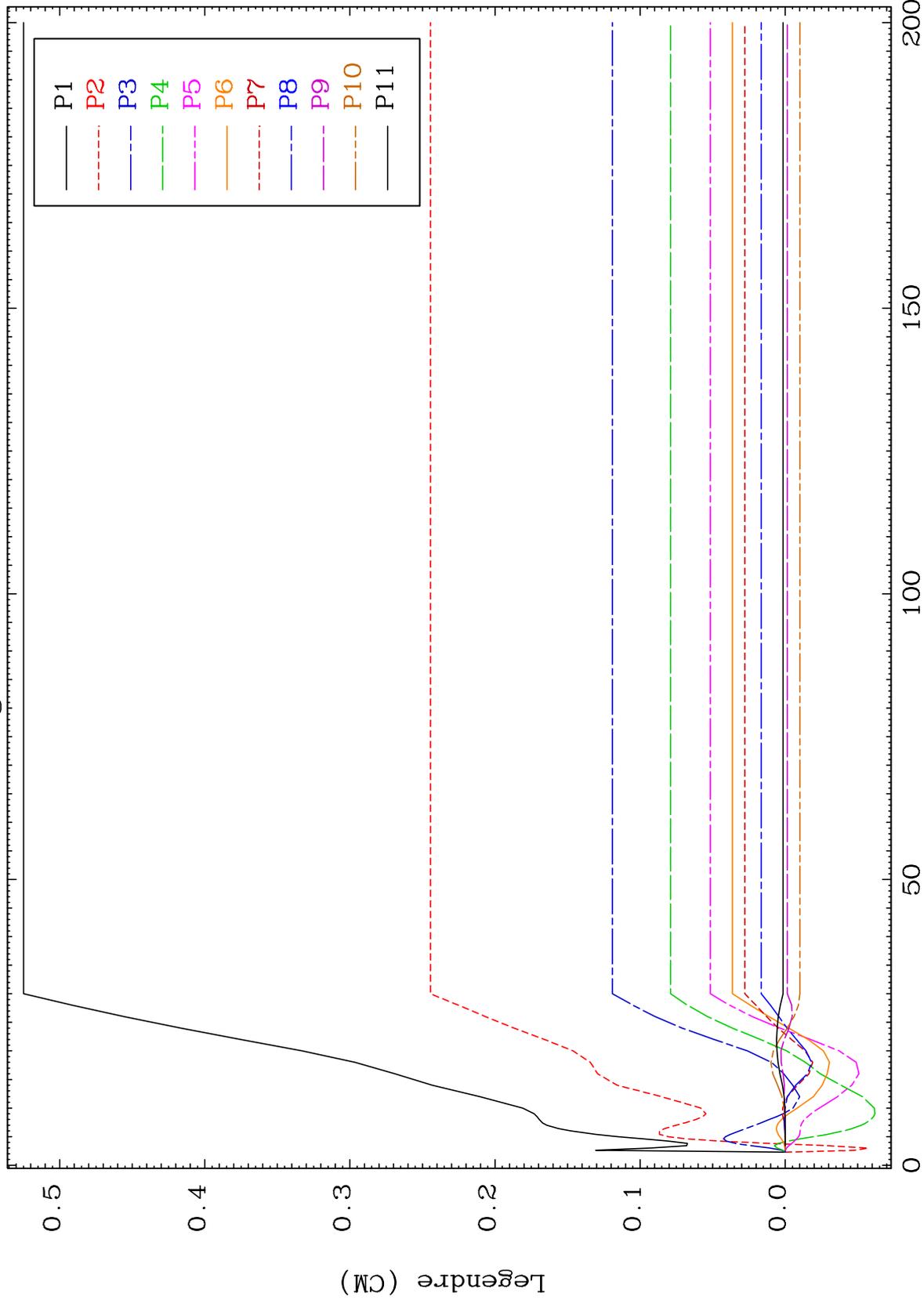
19-K -43



MAT 1937

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

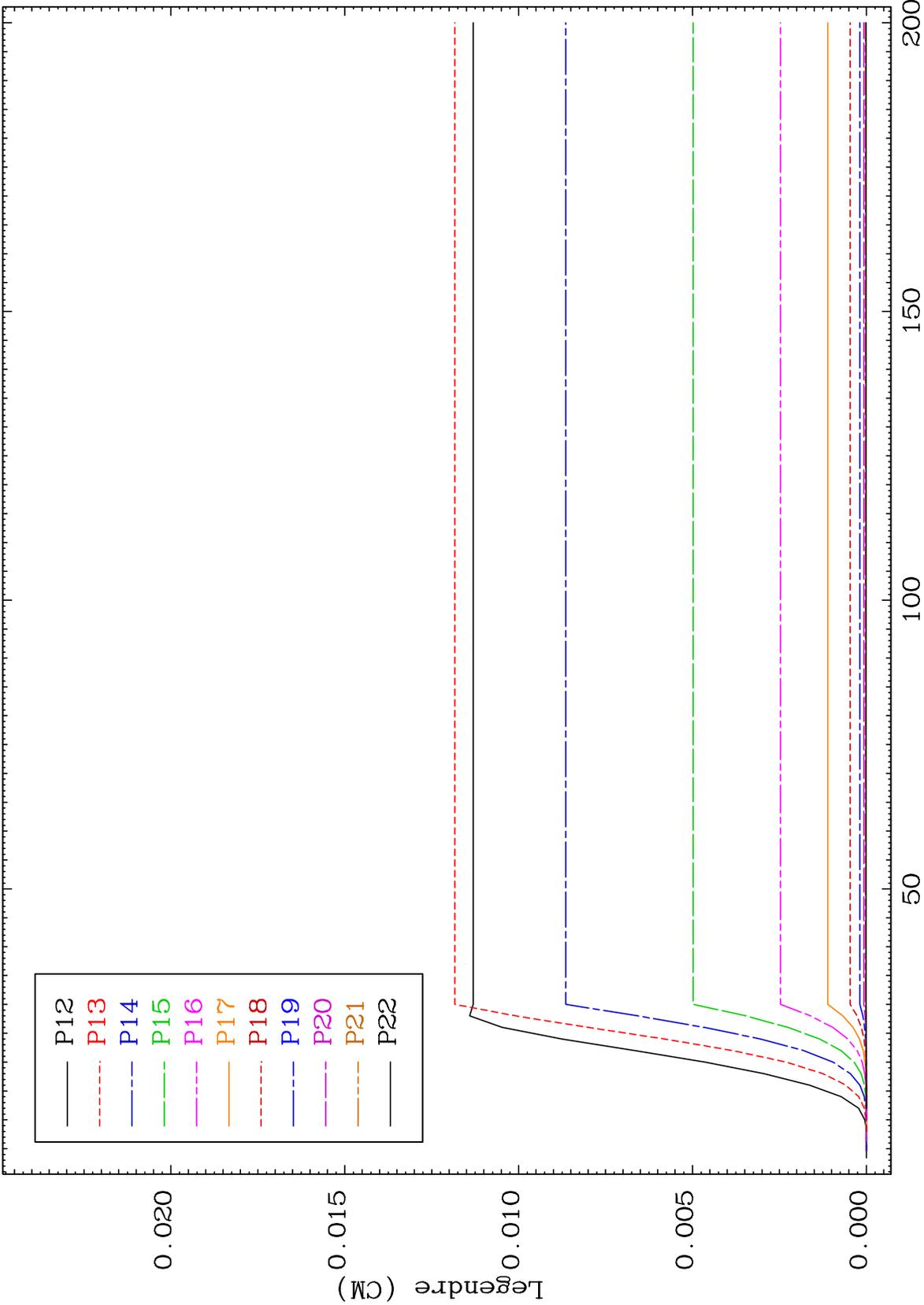
19-K -43



67

Incident Energy (MeV)

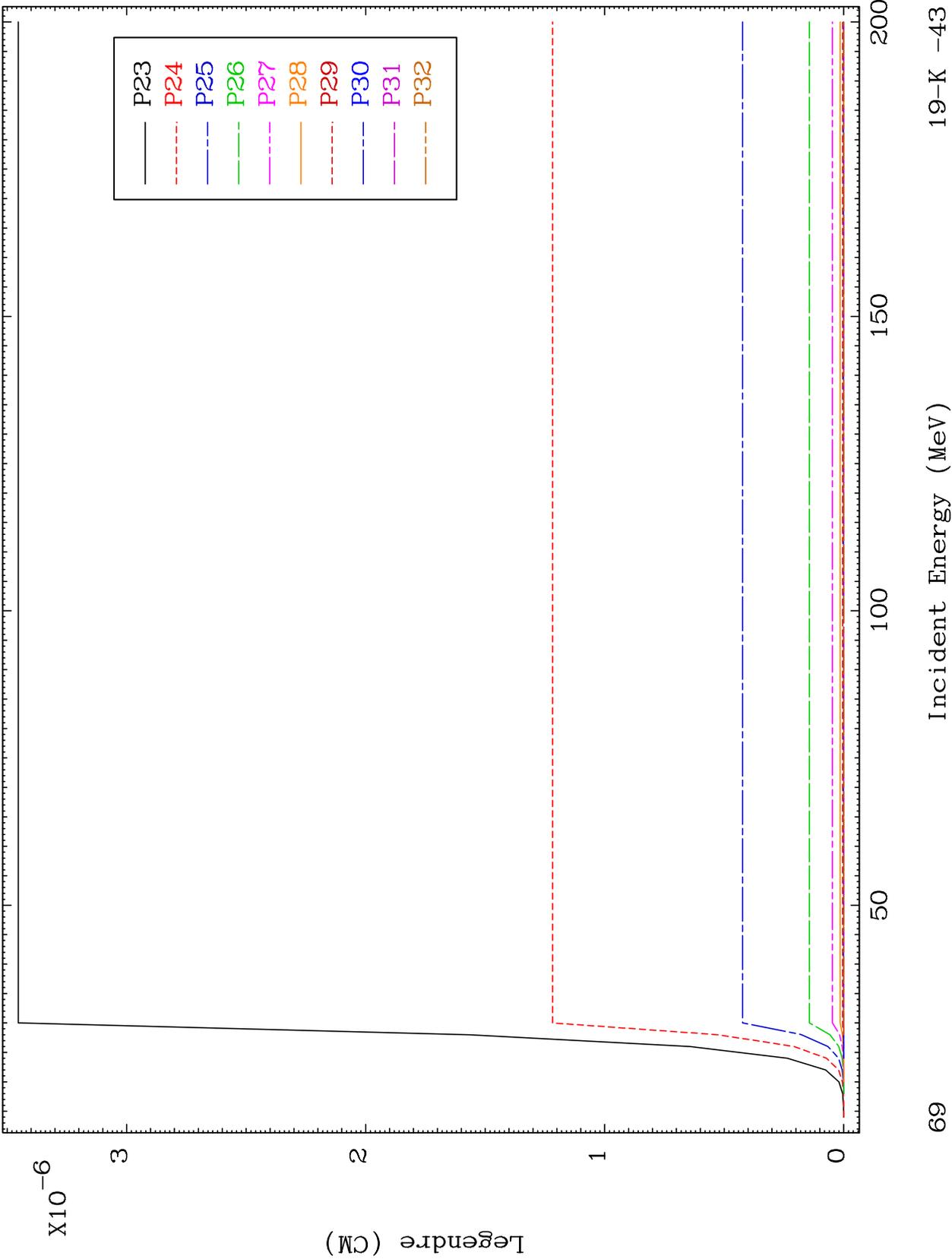
19-K -43



MAT 1937

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

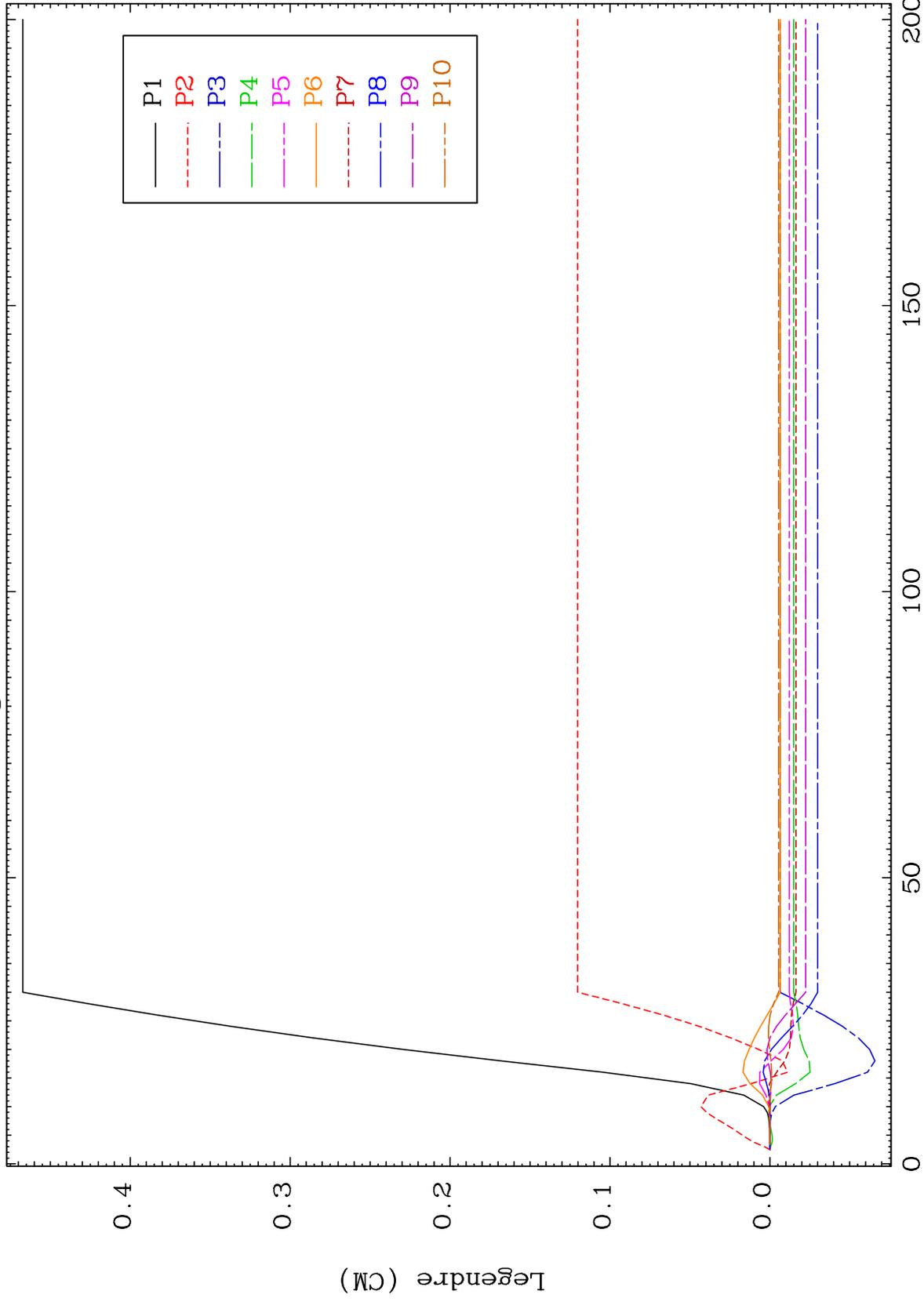
19-K -43



MAT 1937

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

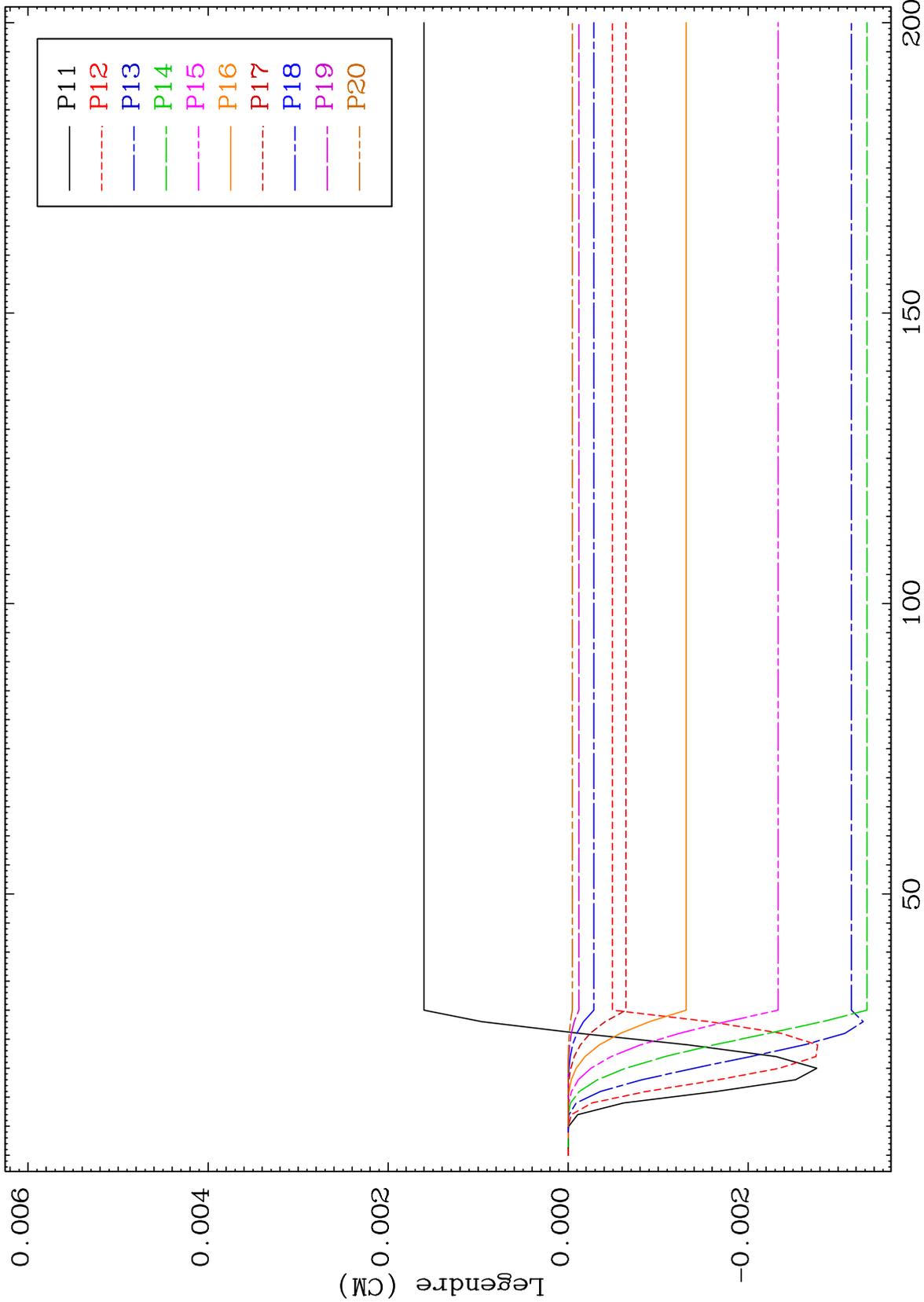
19-K -43

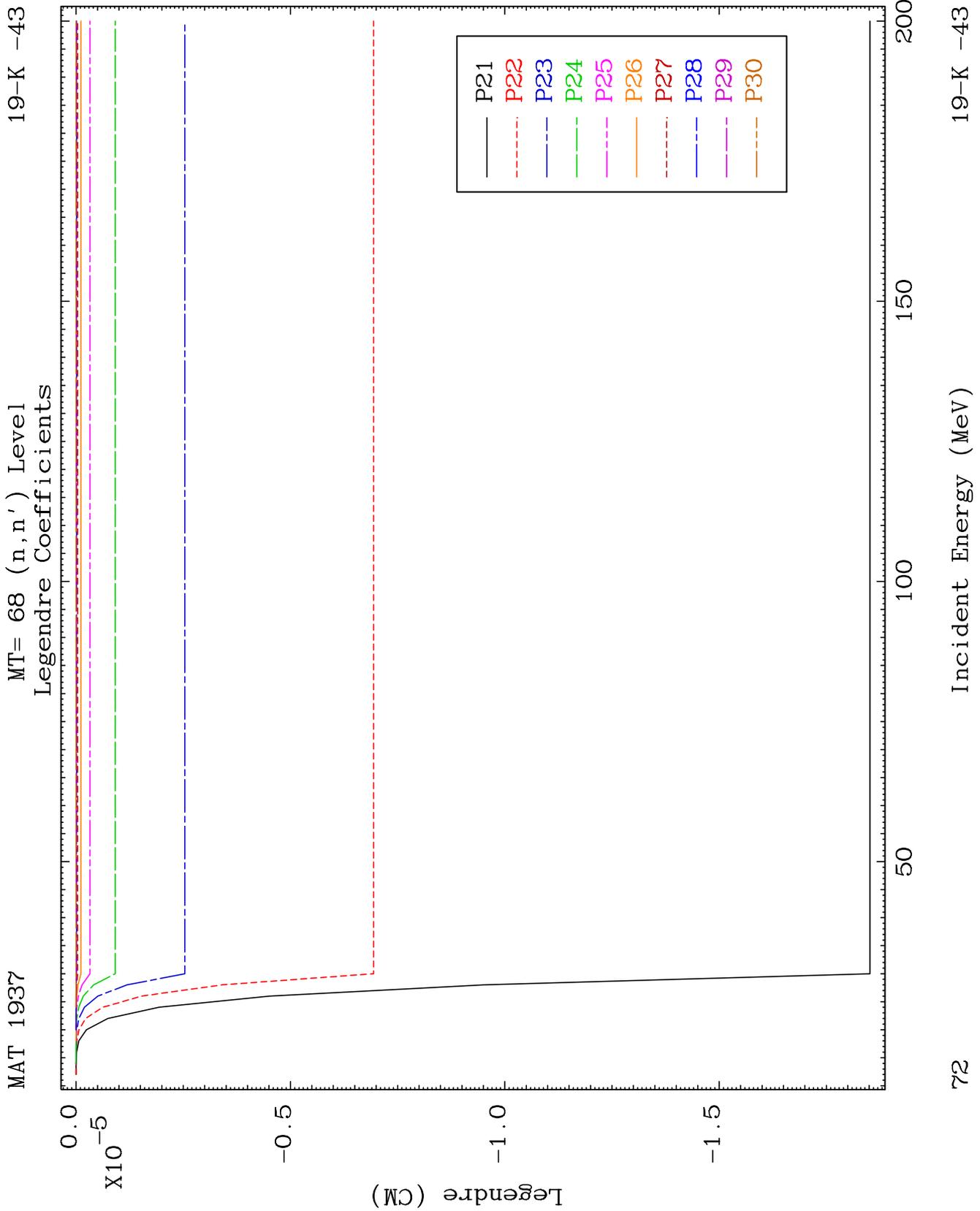


70

Incident Energy (MeV)

19-K -43

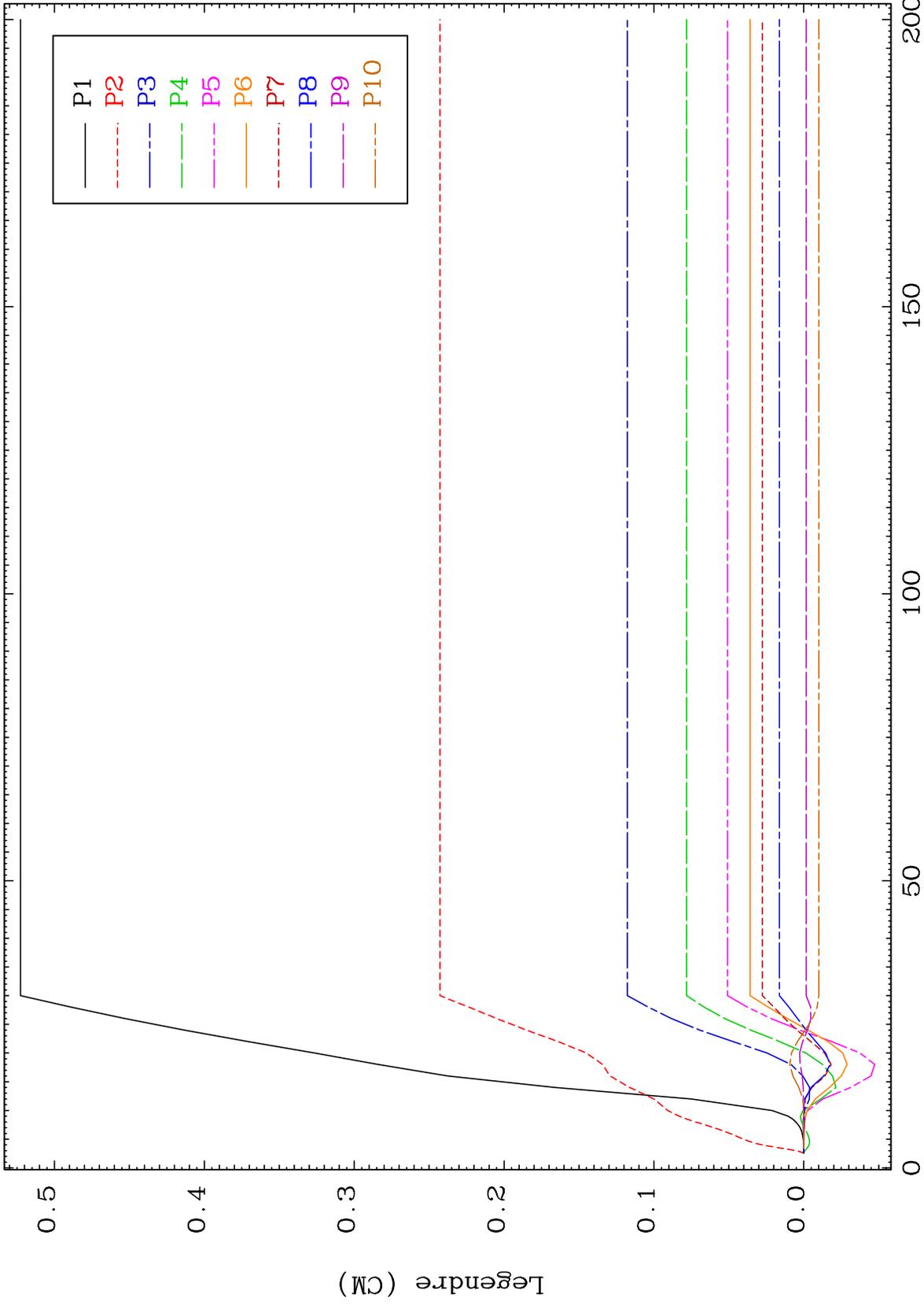




MAT 1937

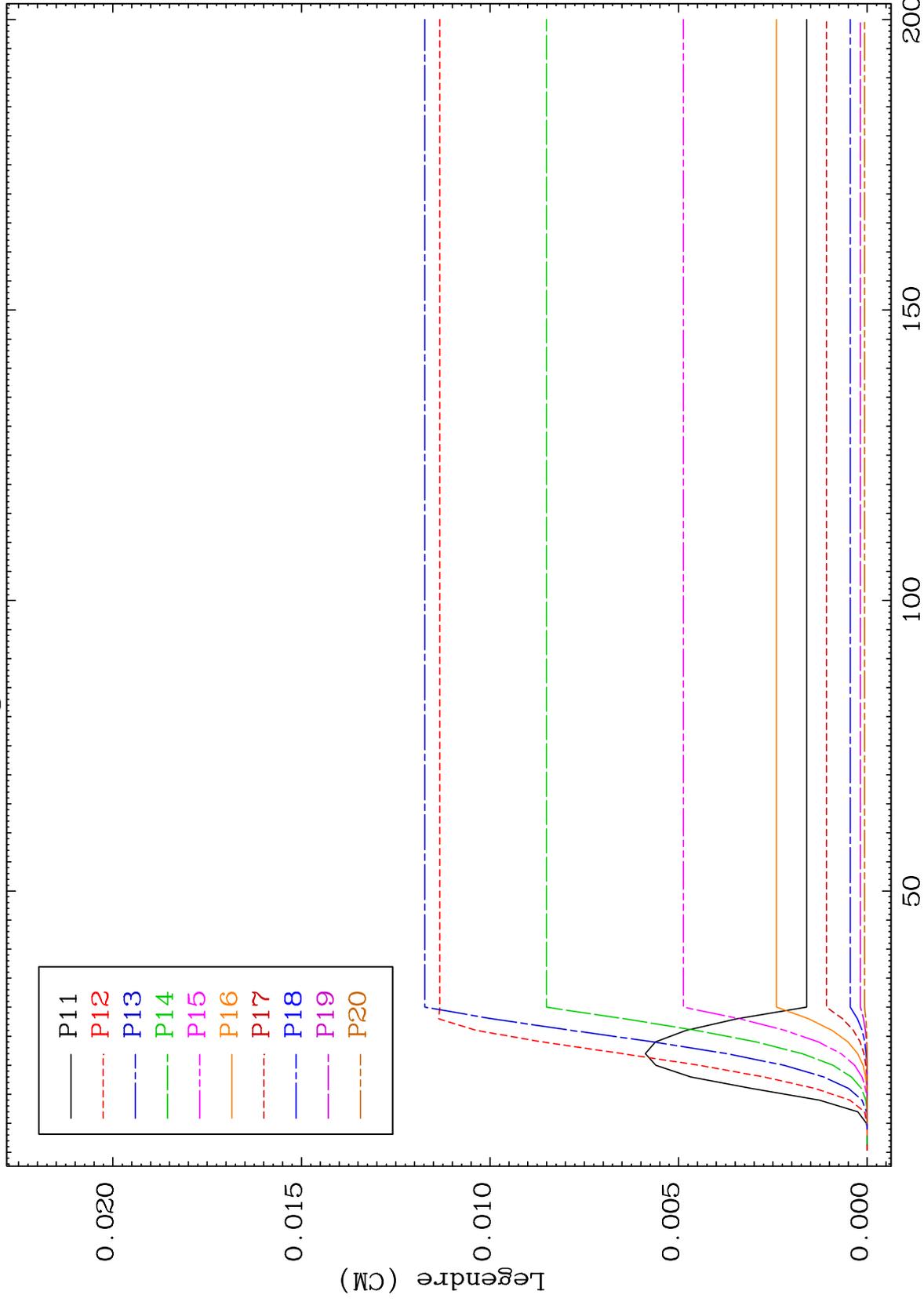
MT= 69 (n,n') Level
Legendre Coefficients

19-K -43



73

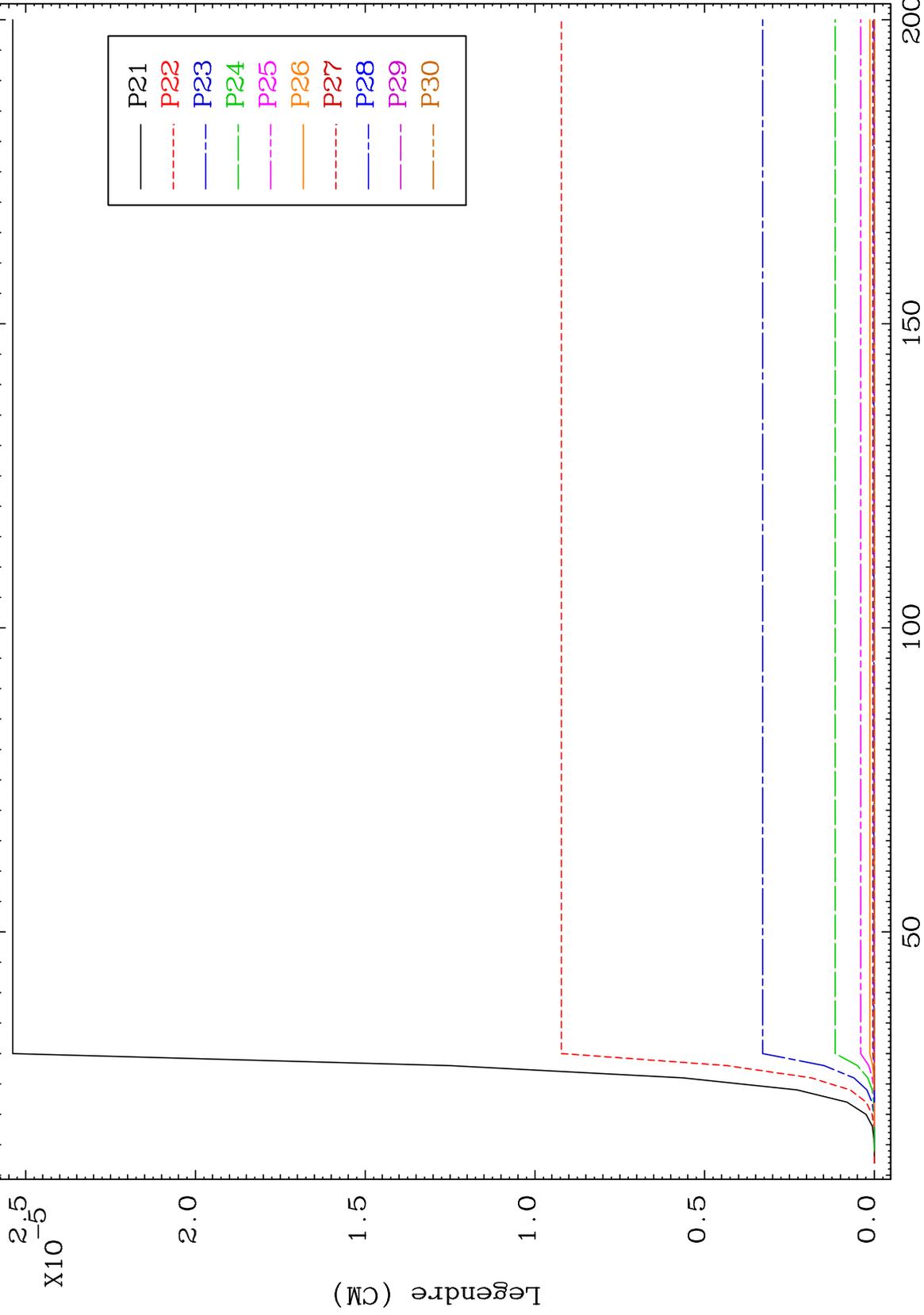
19-K -43



MAT 1937

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

19-K -43



75

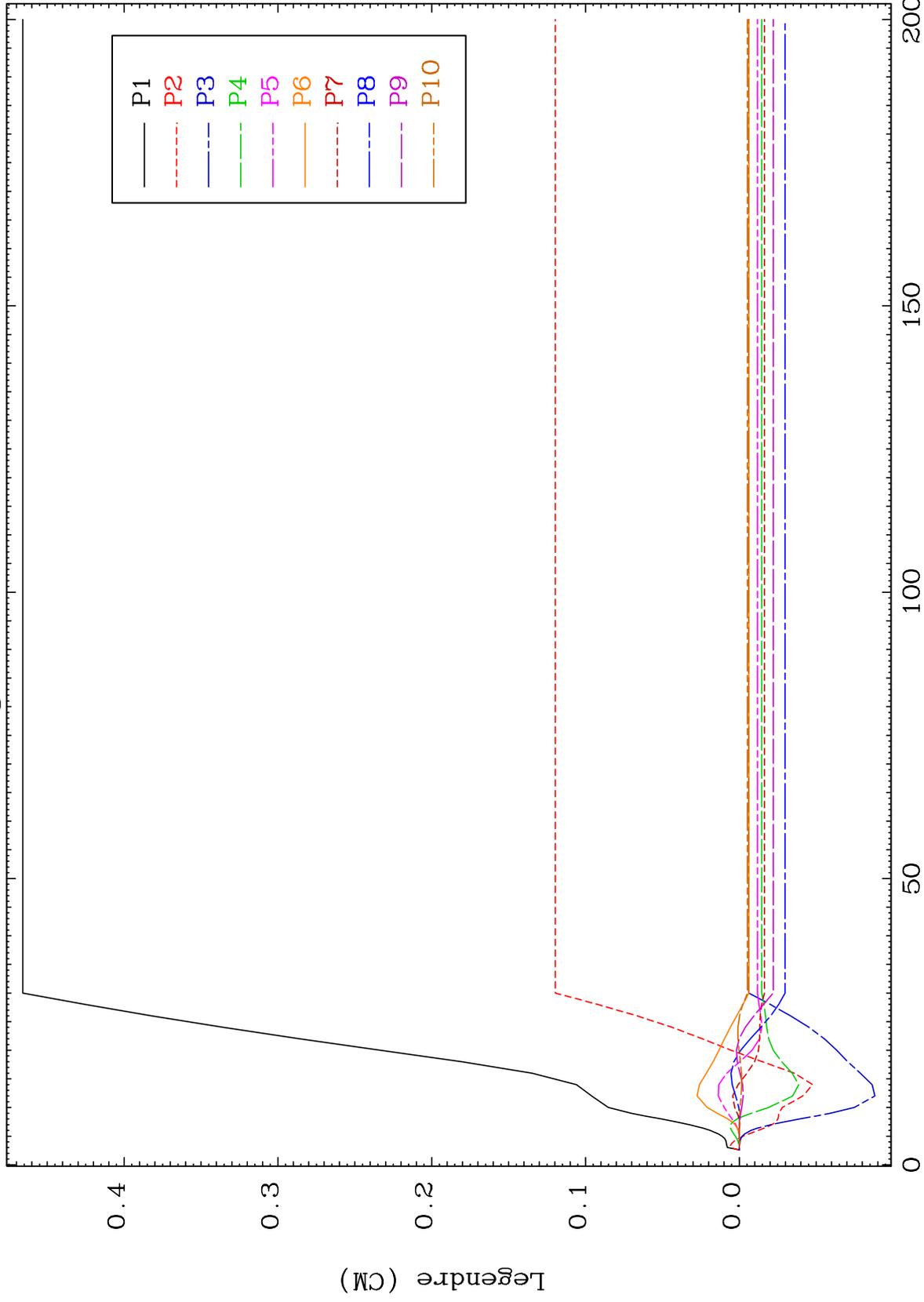
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



76

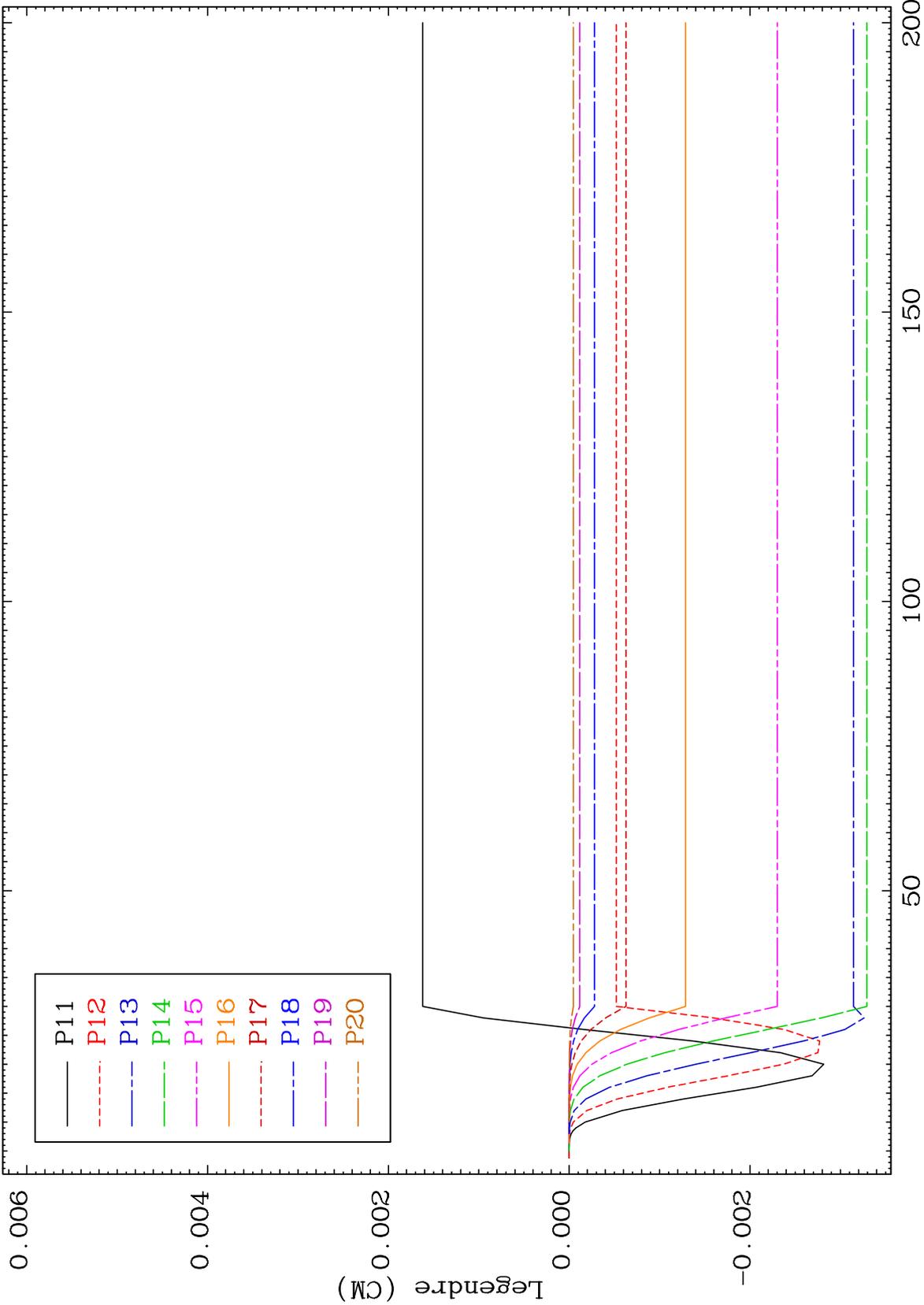
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



77

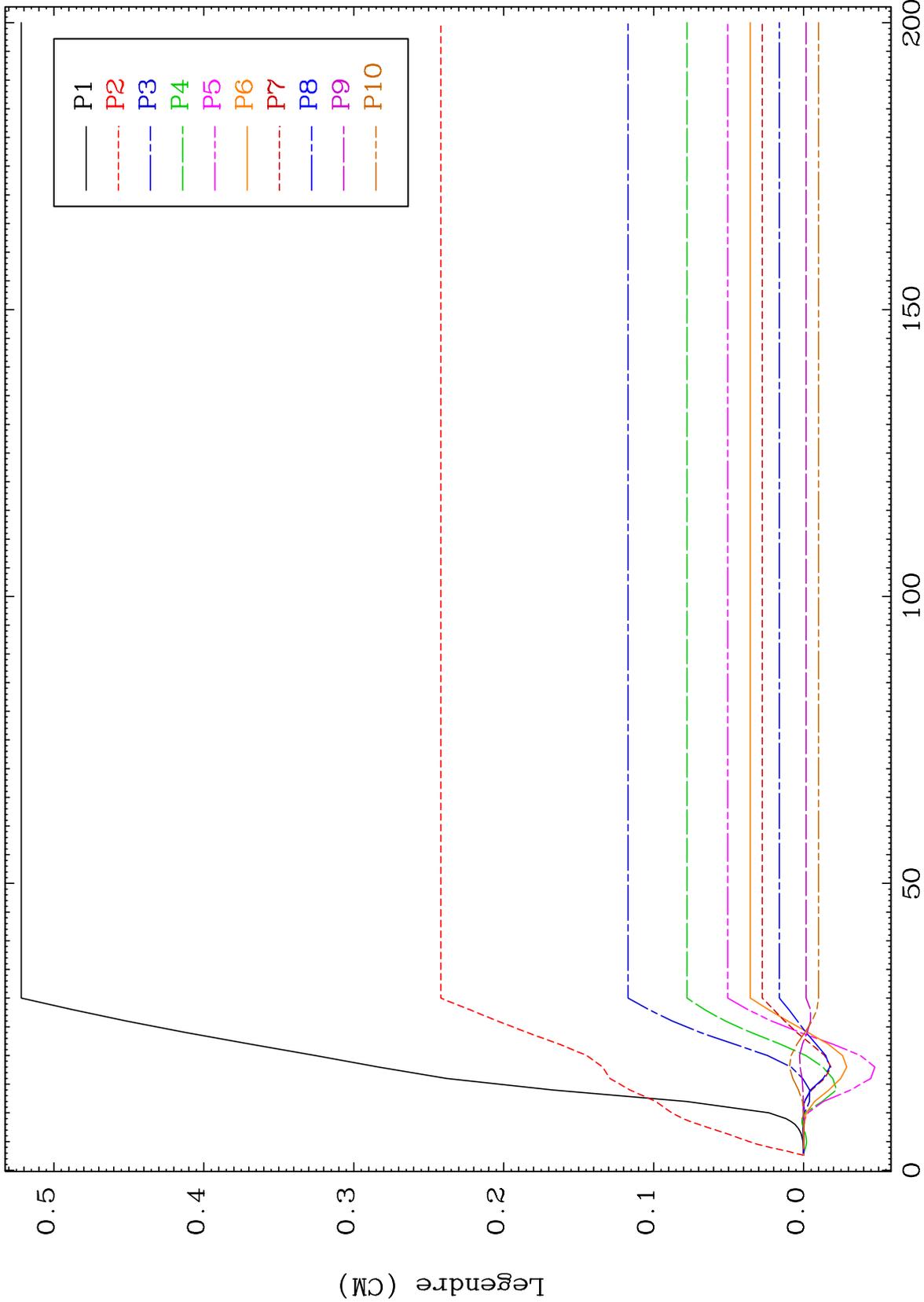
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



79

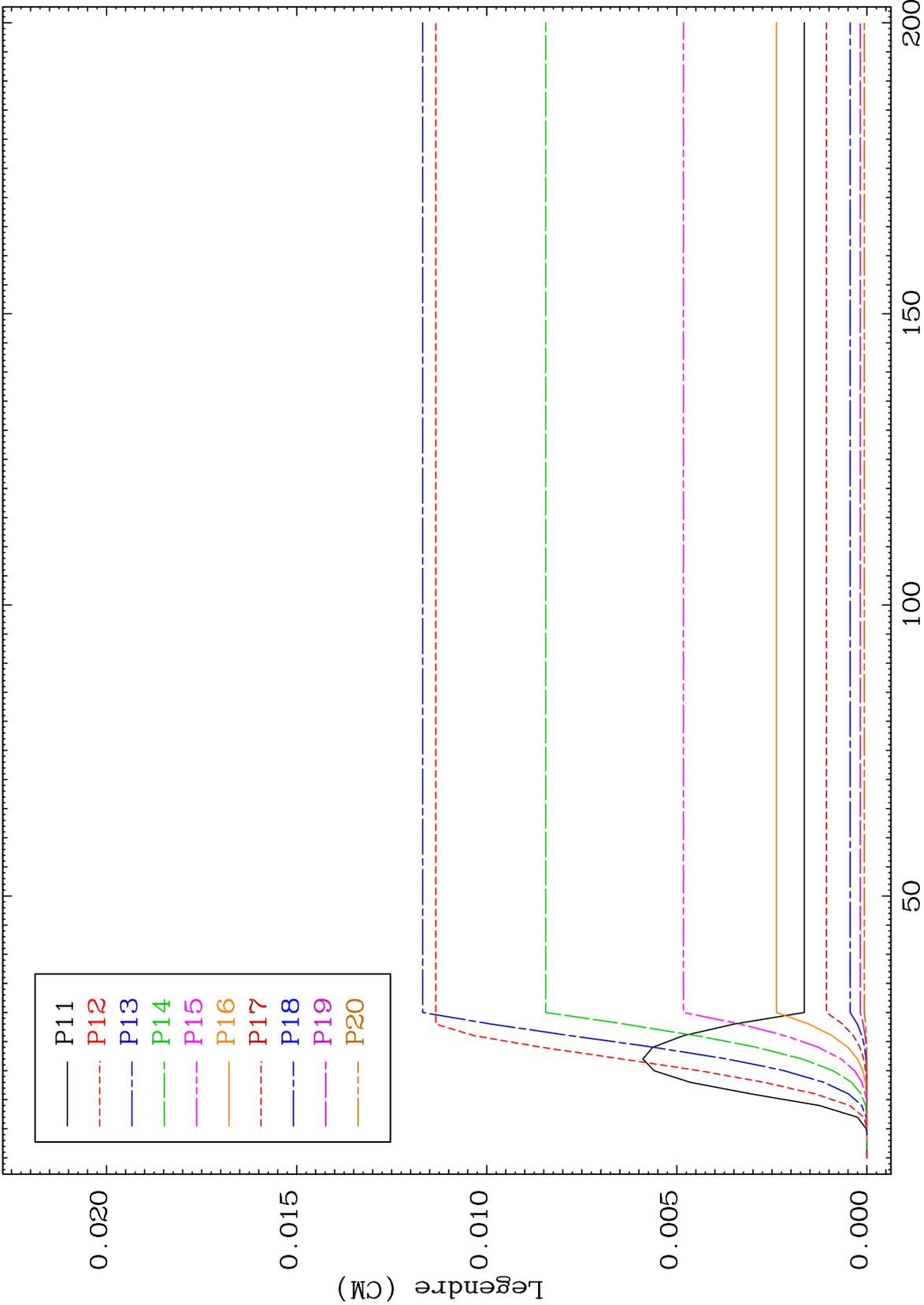
Incident Energy (MeV)

19-K -43

MAT 1937

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

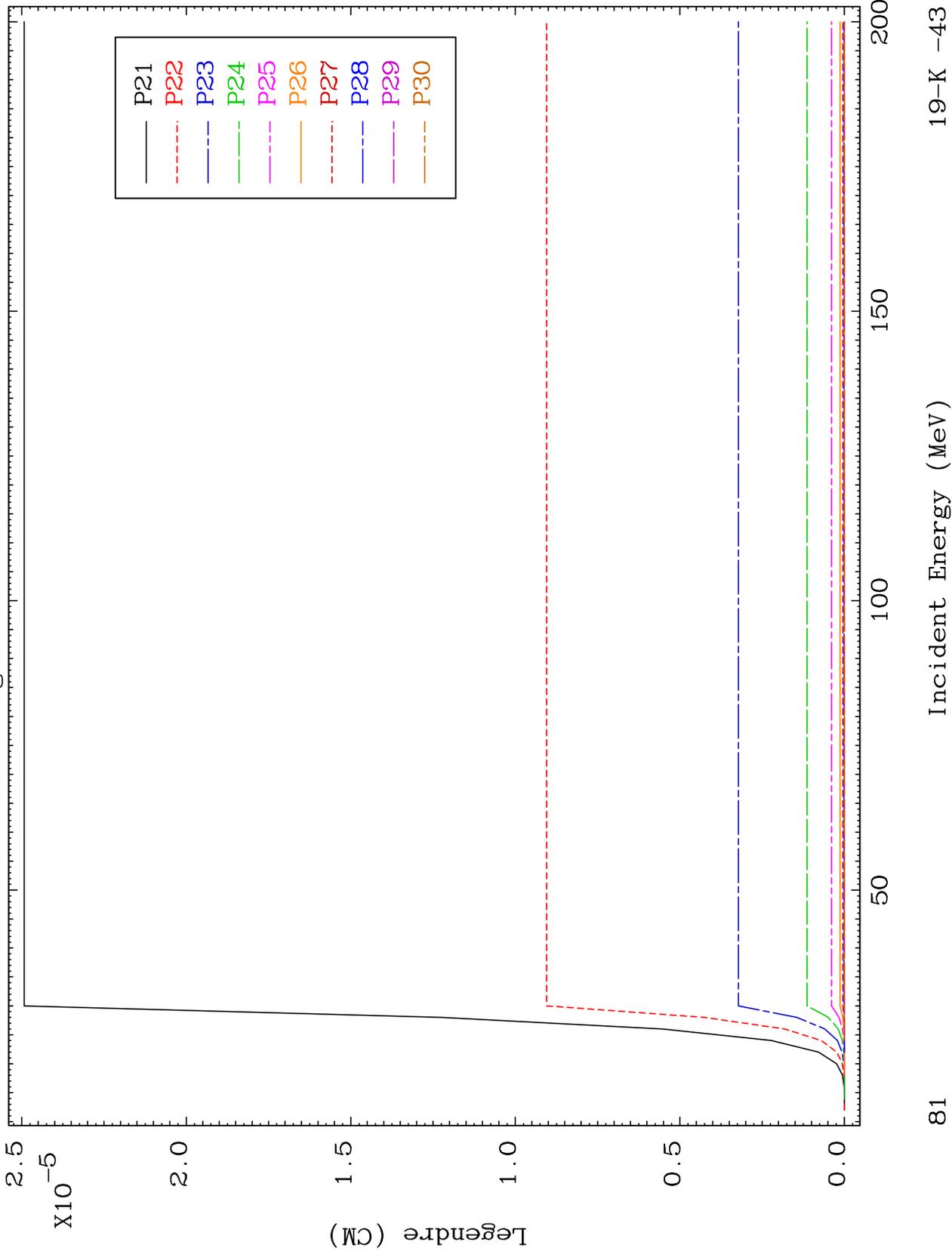
19-K -43



80

Incident Energy (MeV)

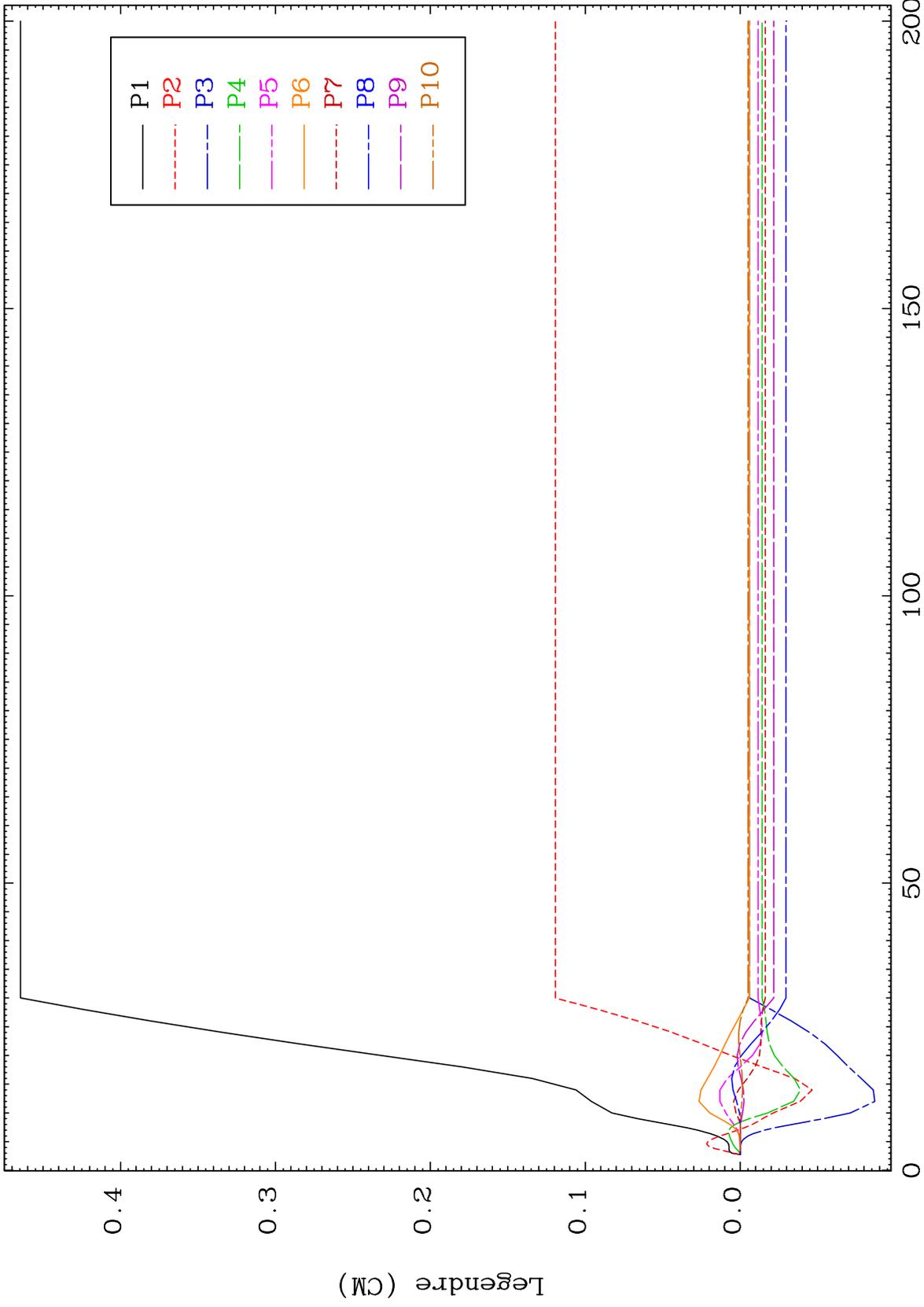
19-K -43



MAT 1937

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

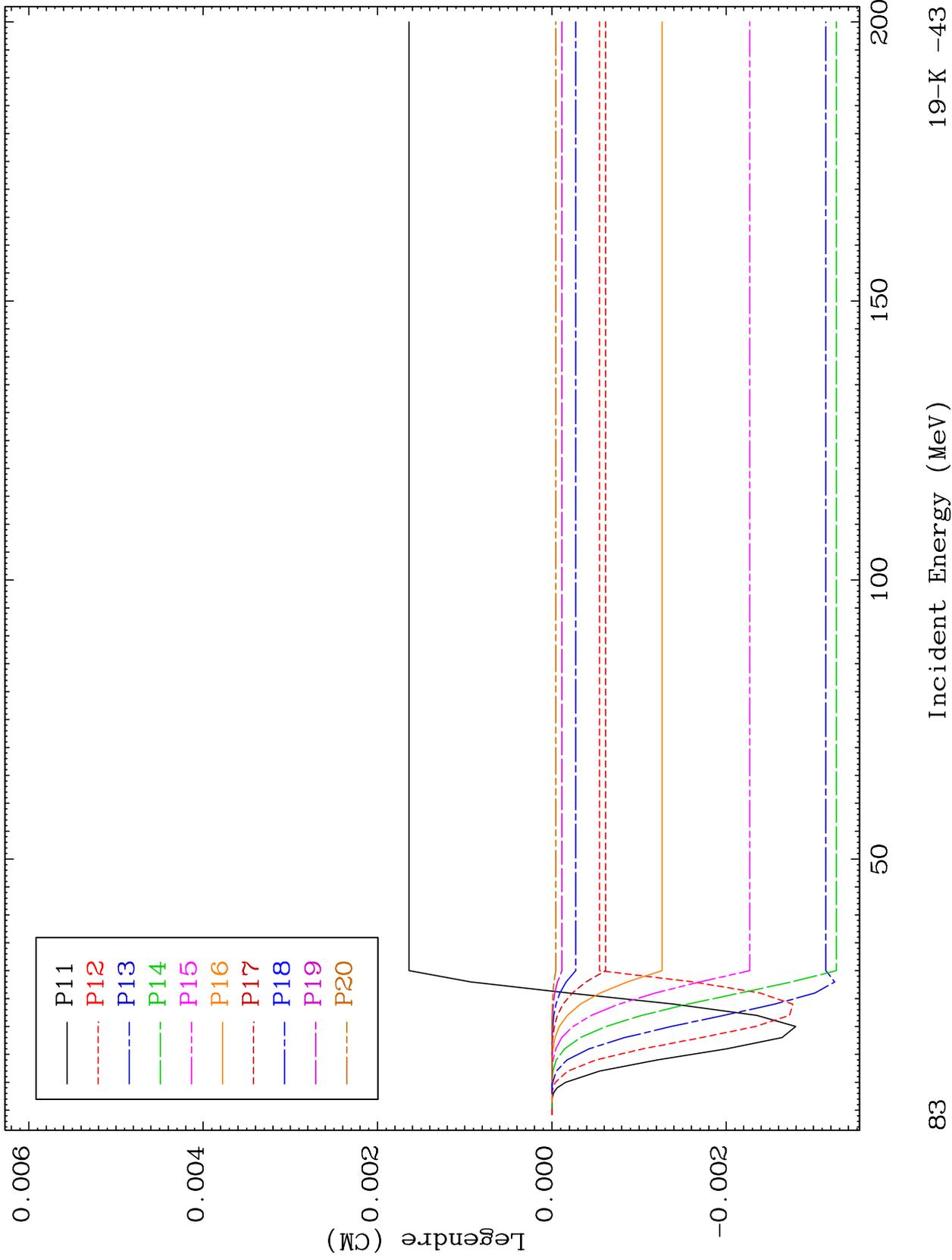
19-K -43



82

Incident Energy (MeV)

19-K -43

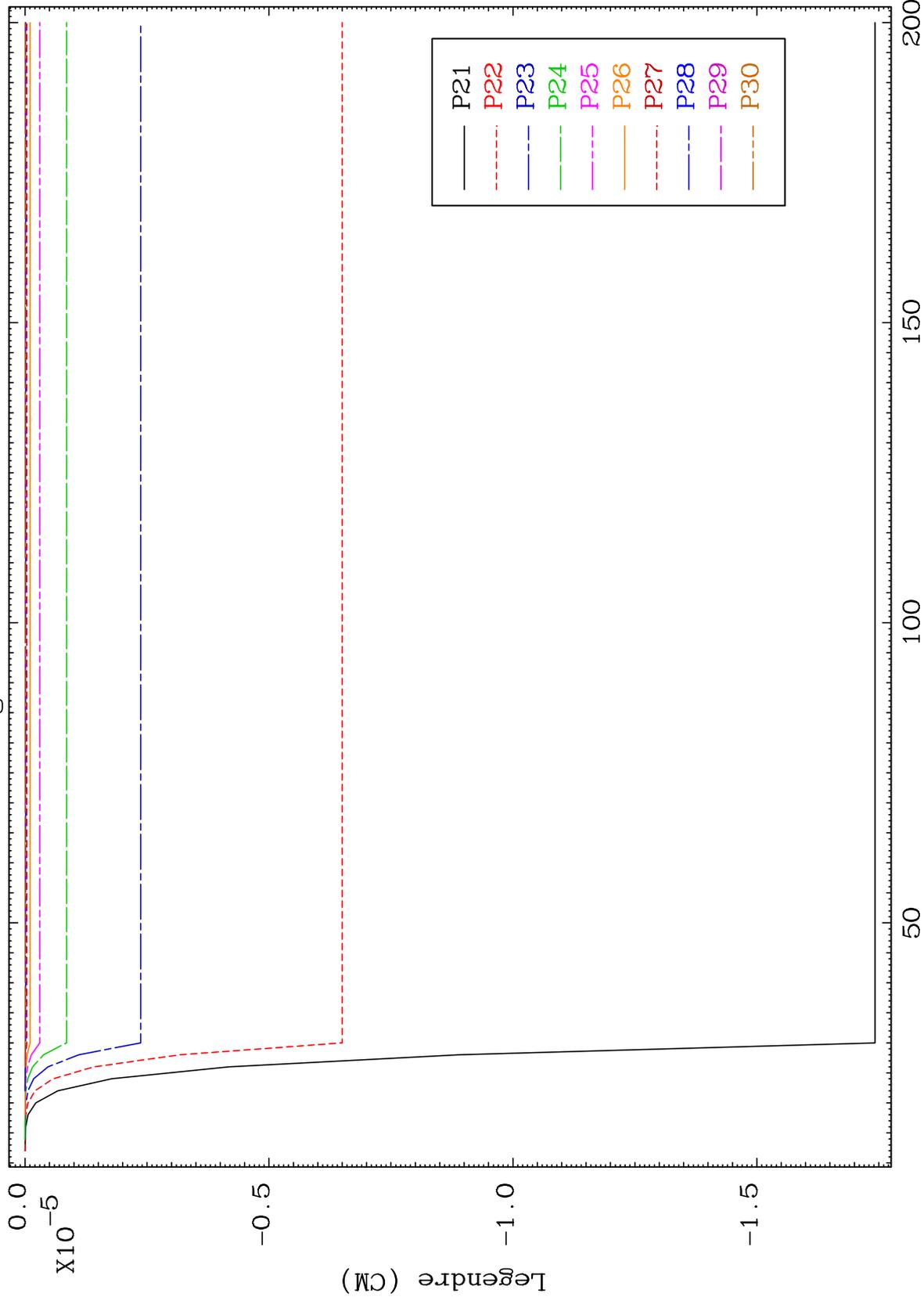


MAT 1937

MT= 72 (n,n') Level

19-K -43

Legendre Coefficients



84

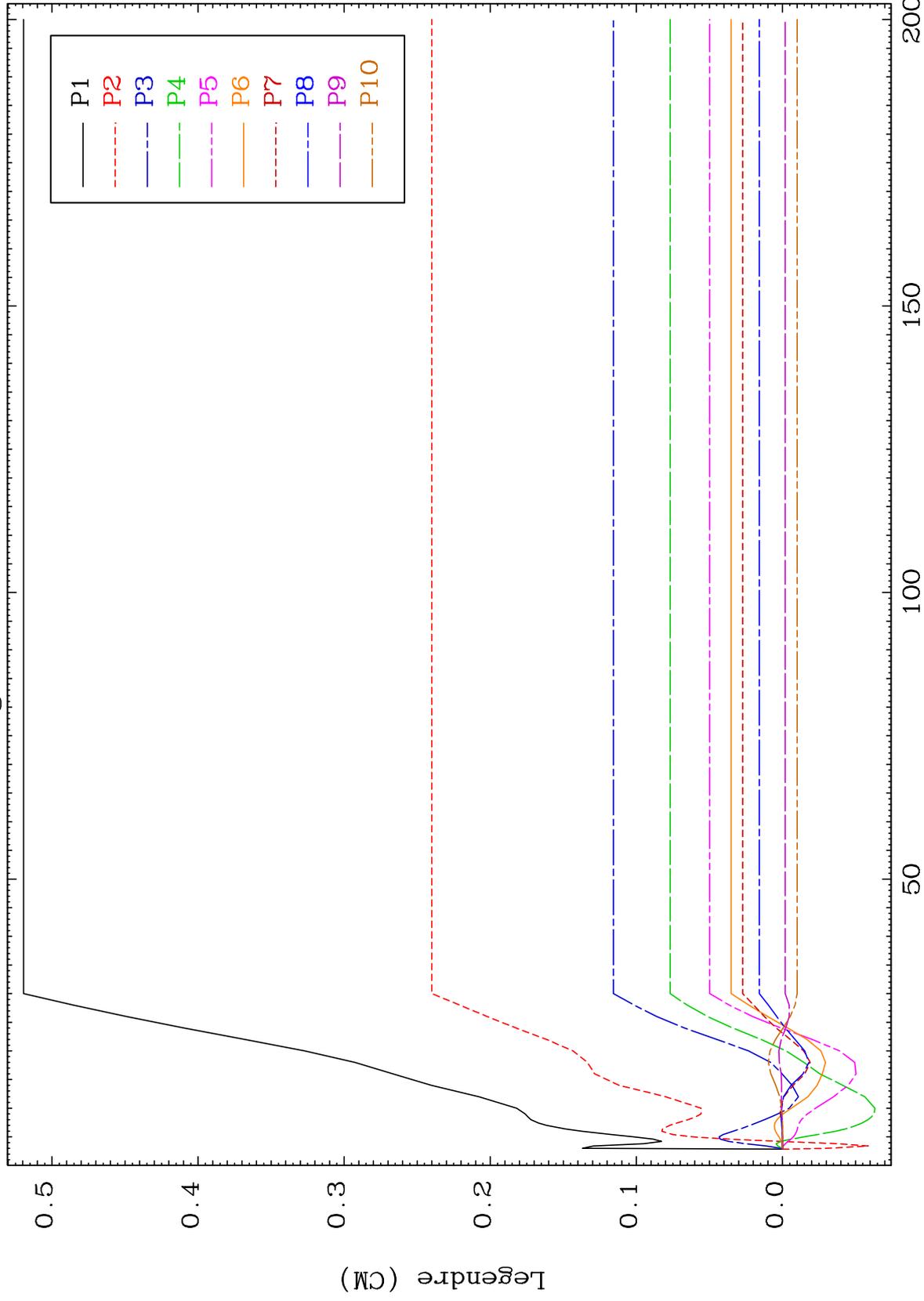
Incident Energy (MeV)

19-K -43

MAT 1937

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

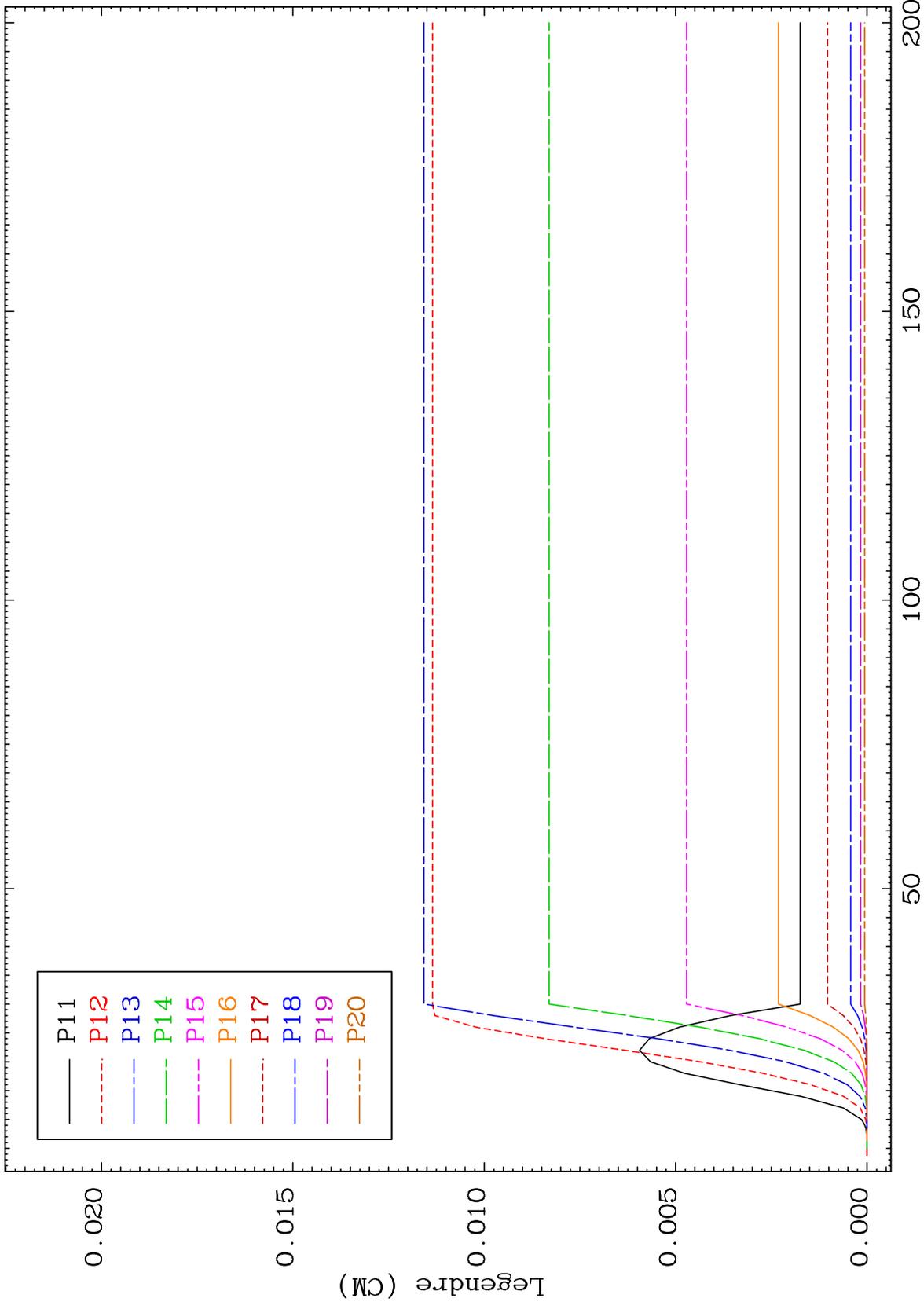
19-K -43

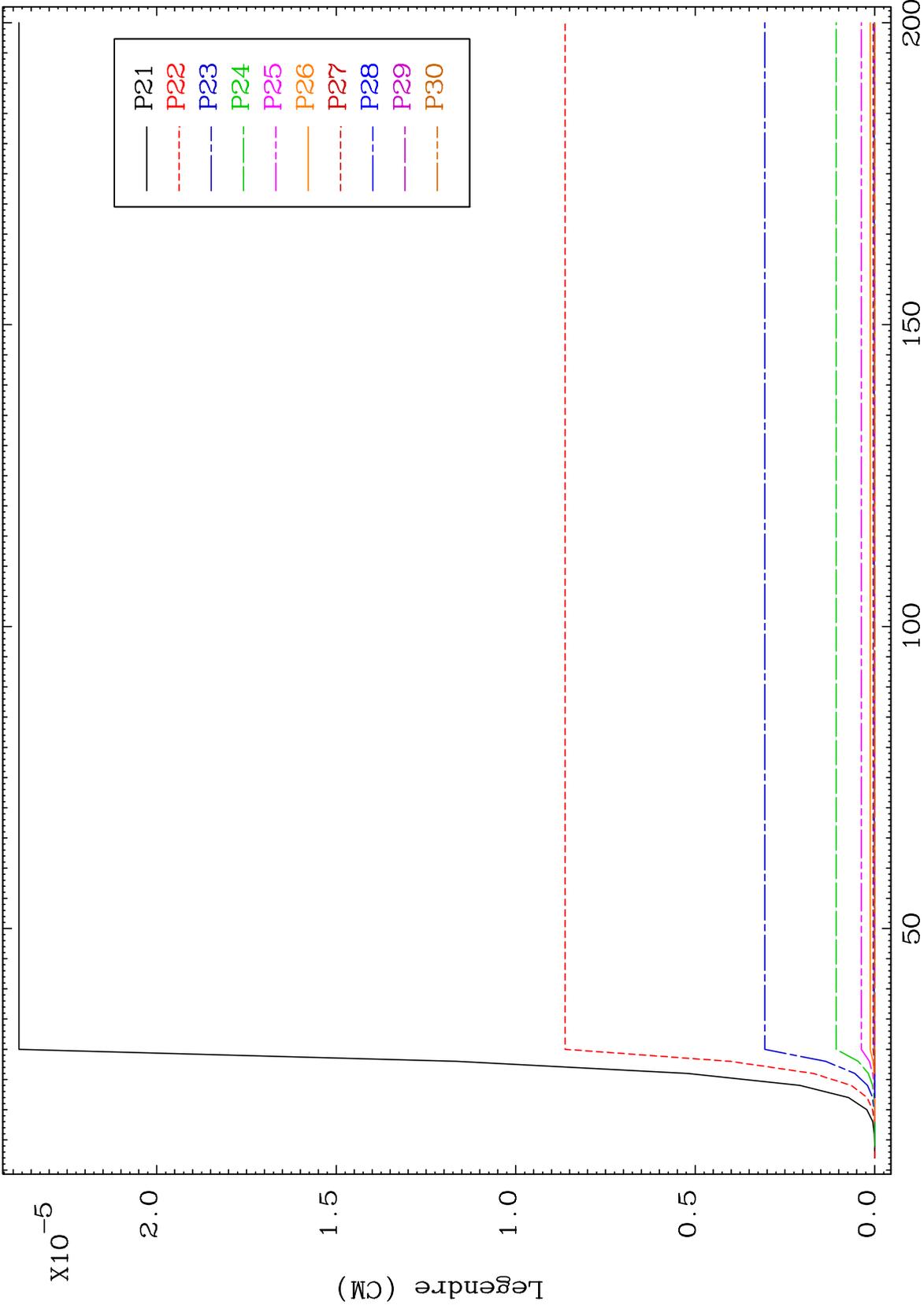


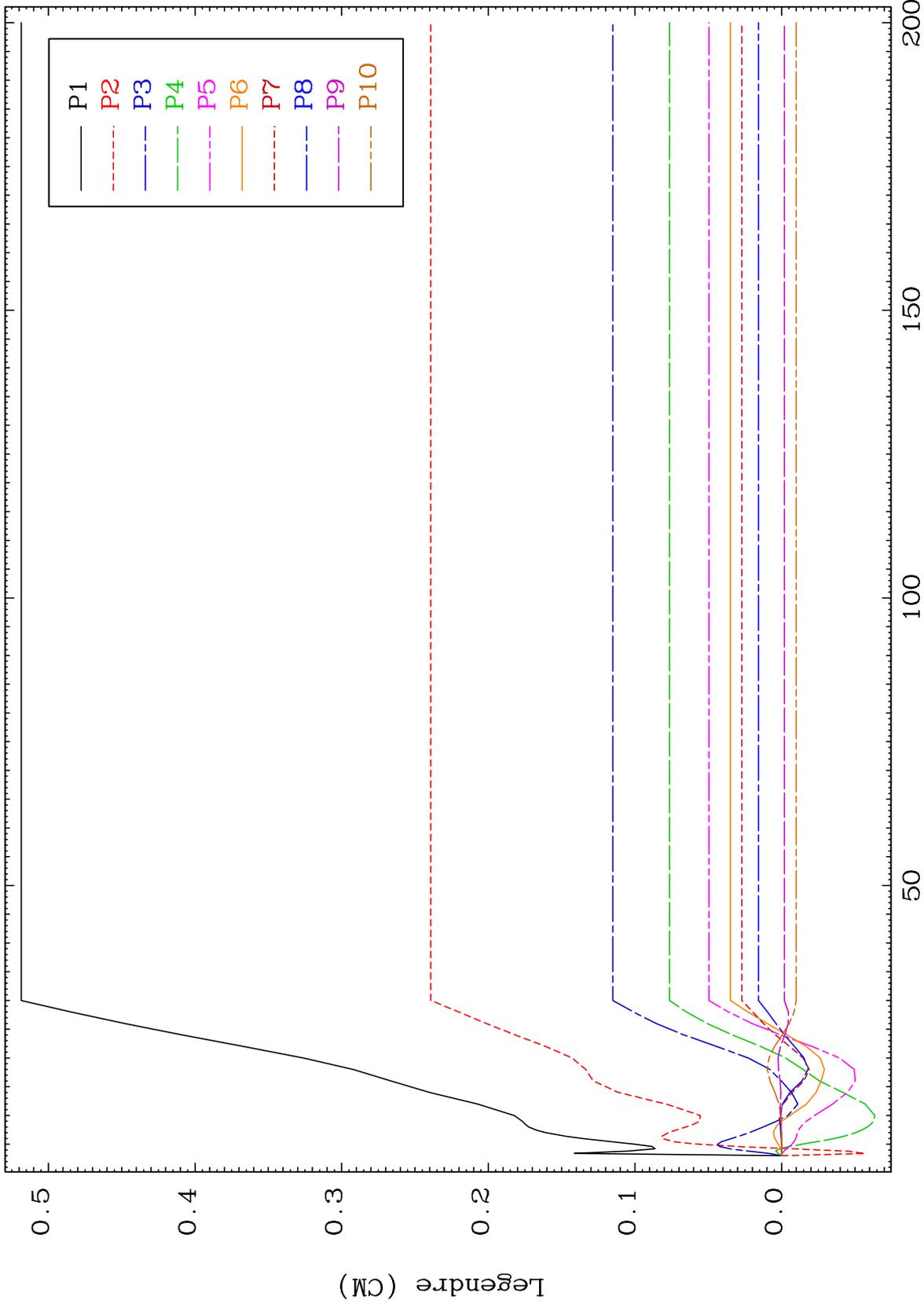
85

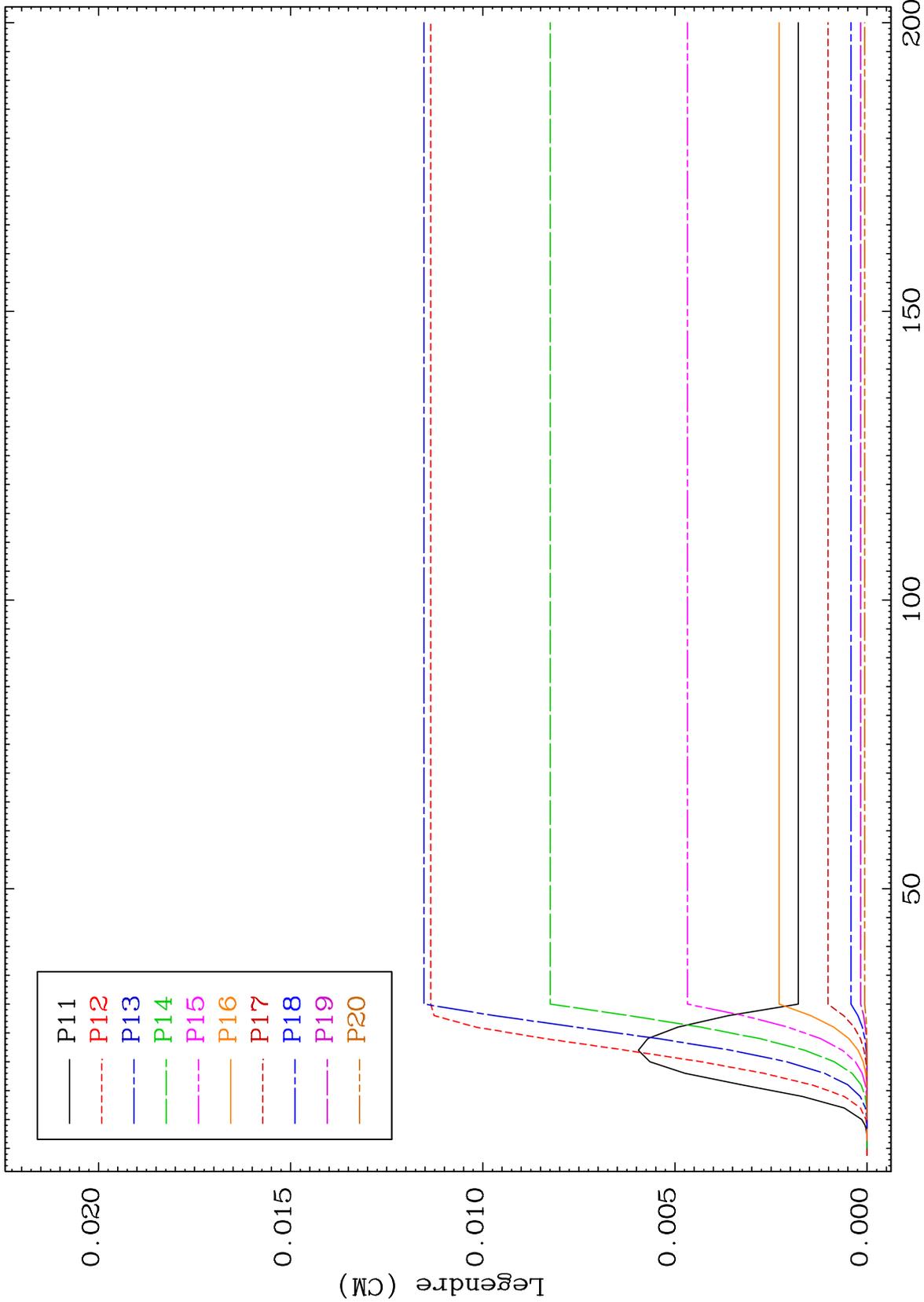
Incident Energy (MeV)

19-K -43





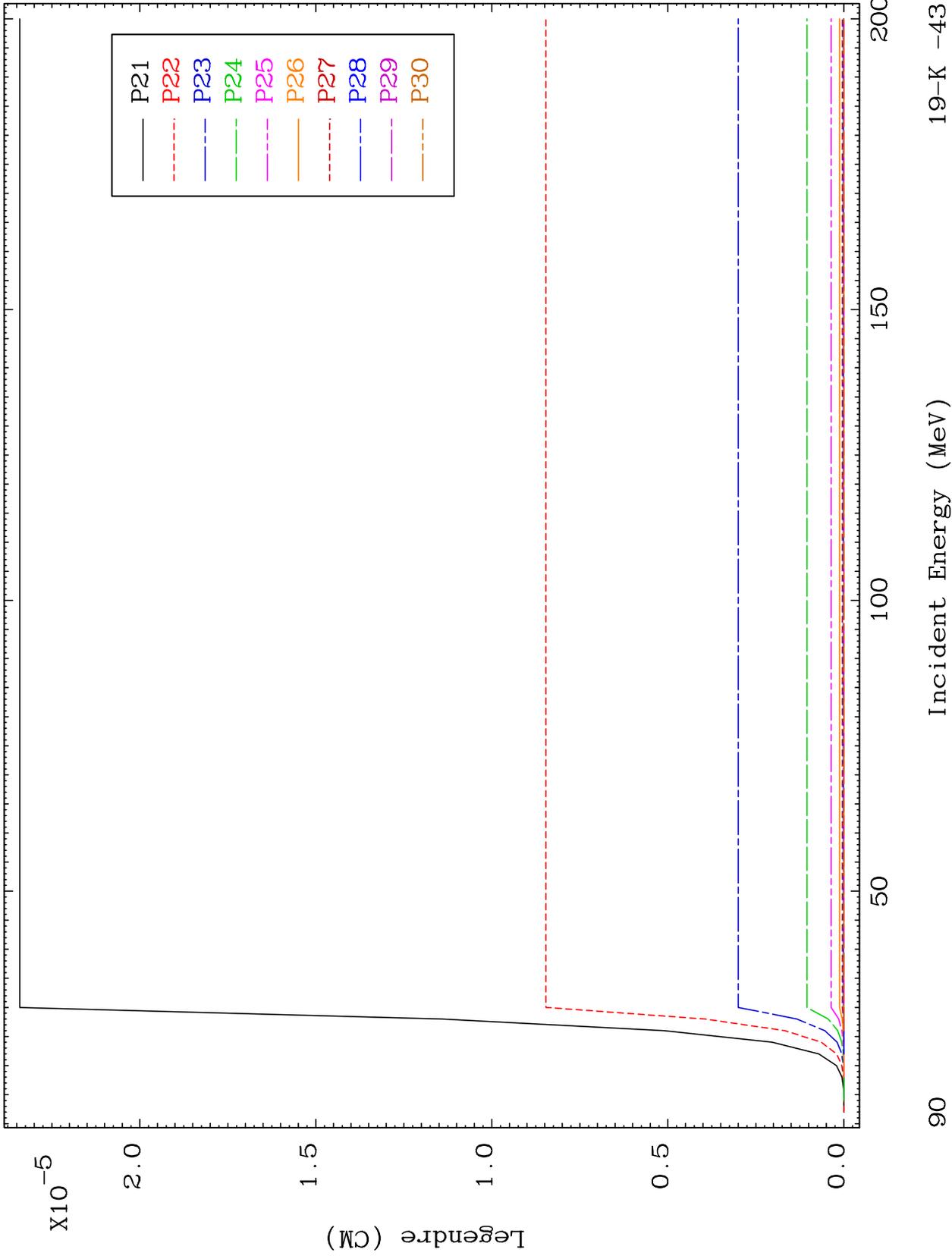


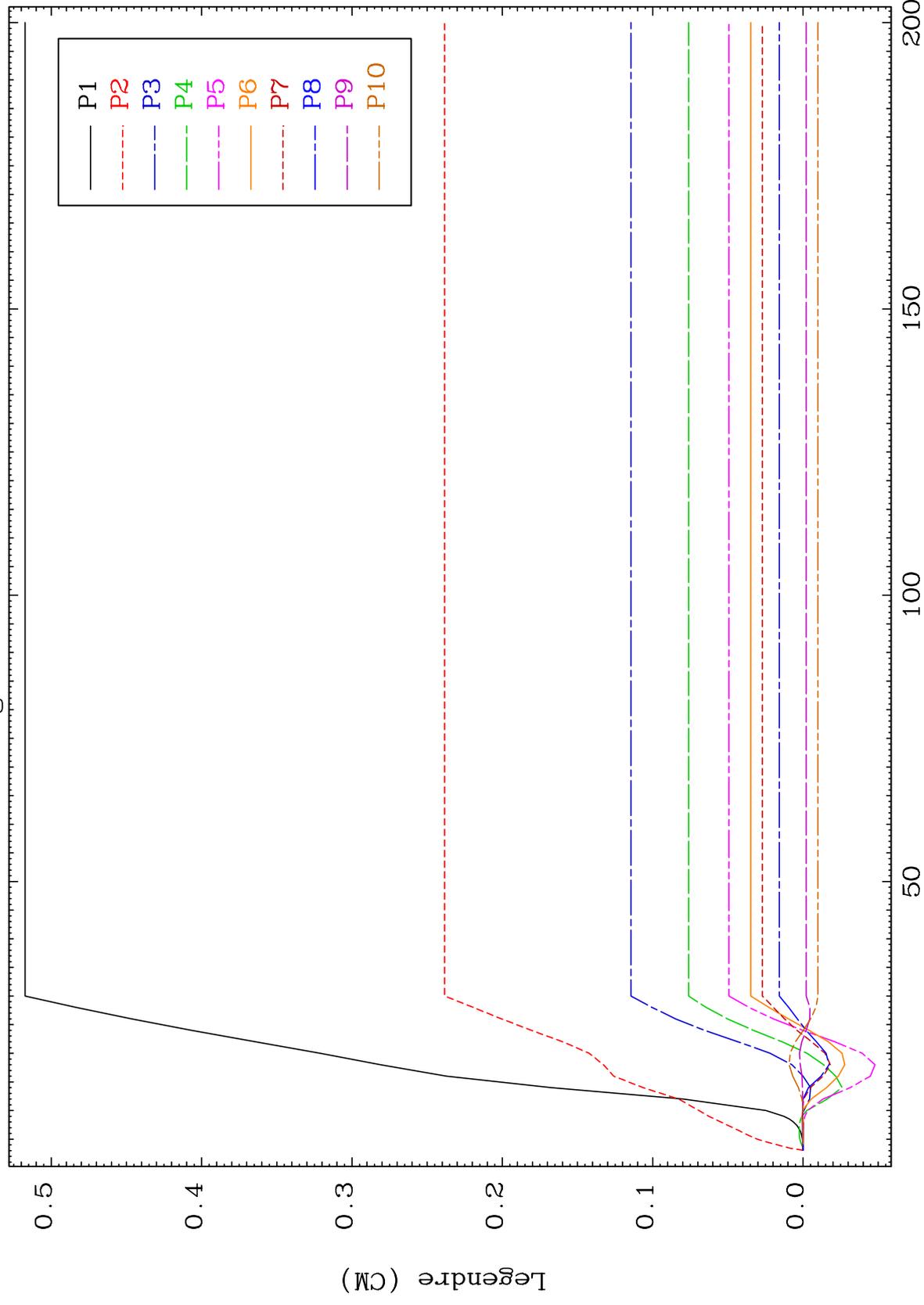


MAT 1937

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

19-K -43

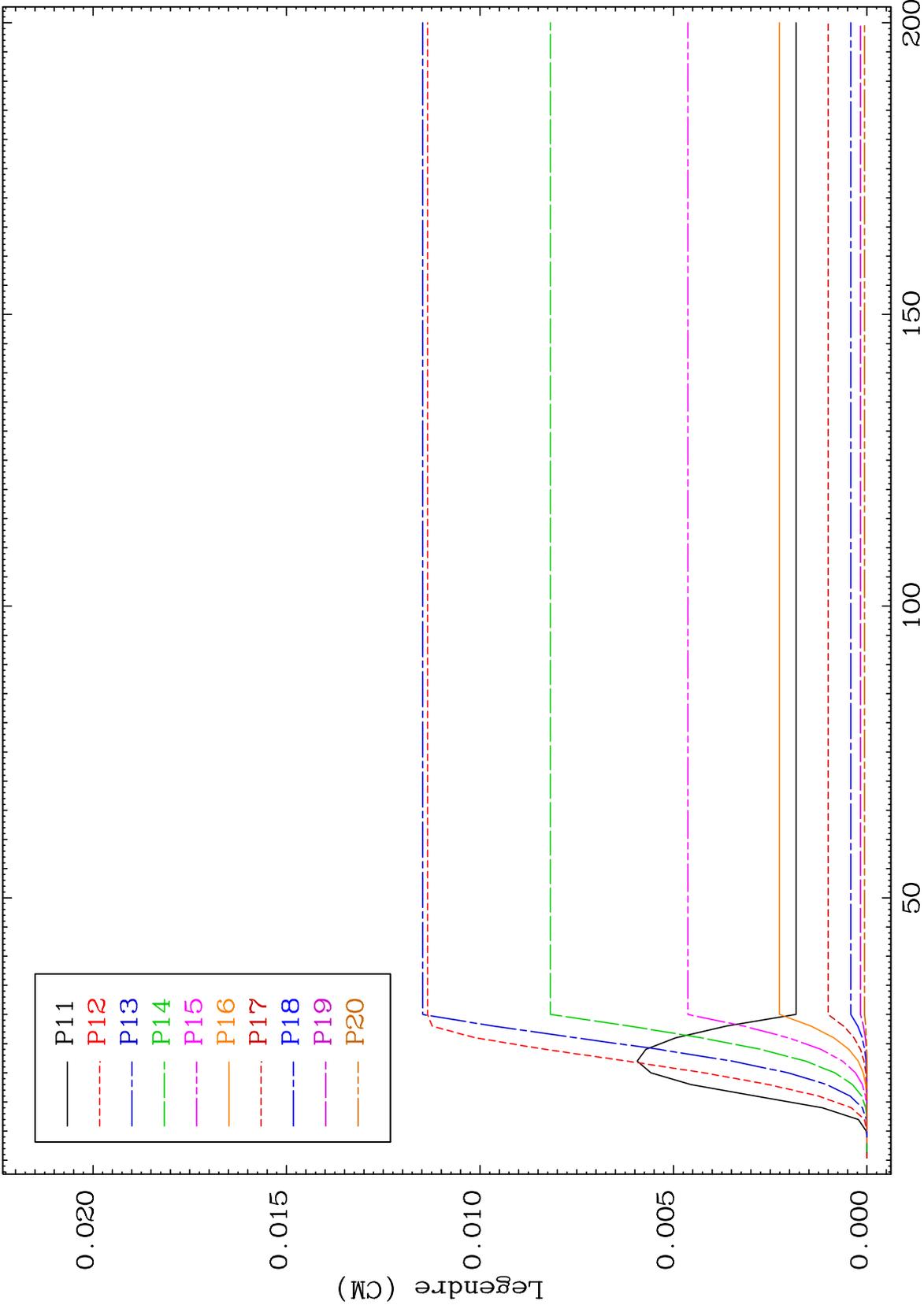




MAT 1937

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

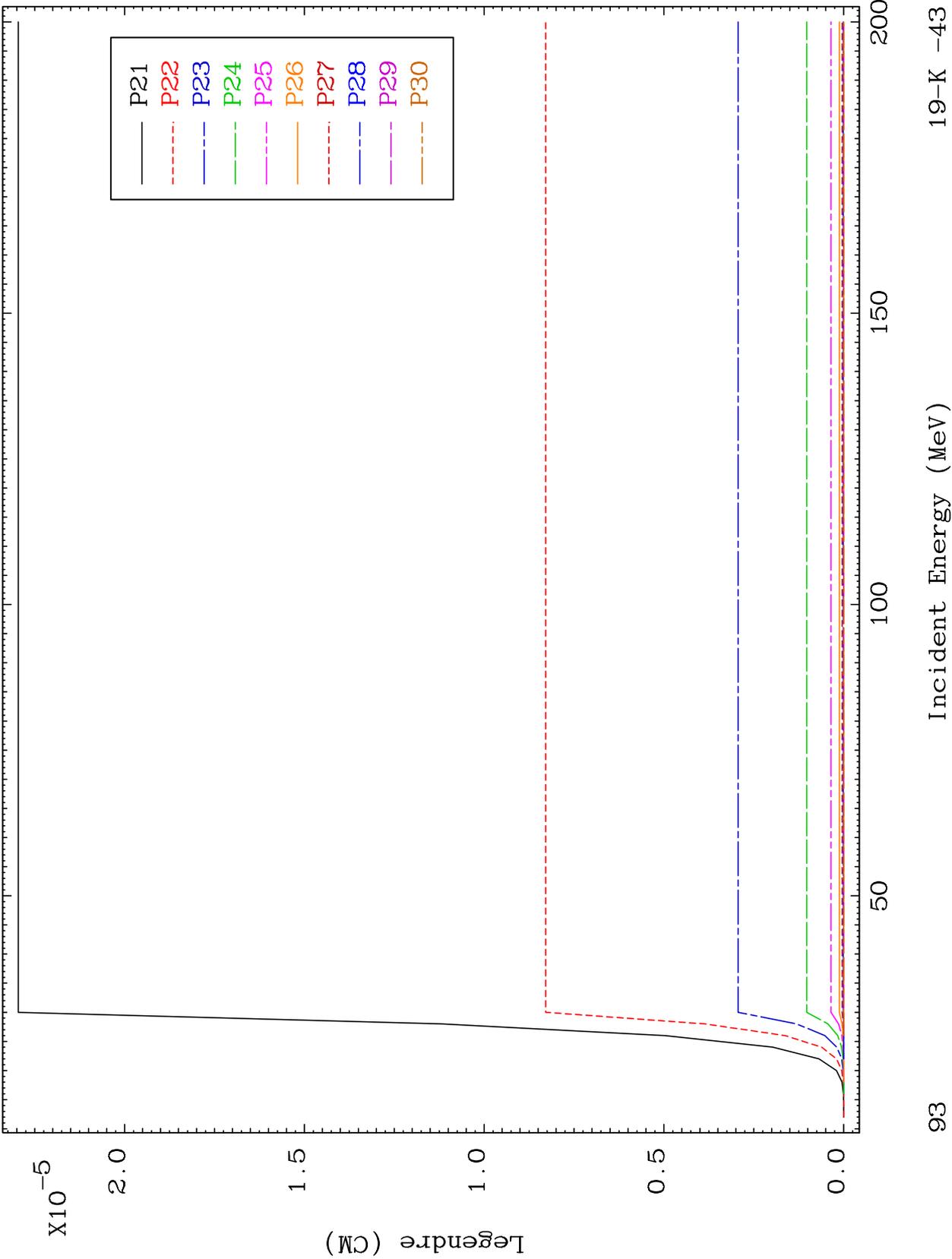
19-K -43

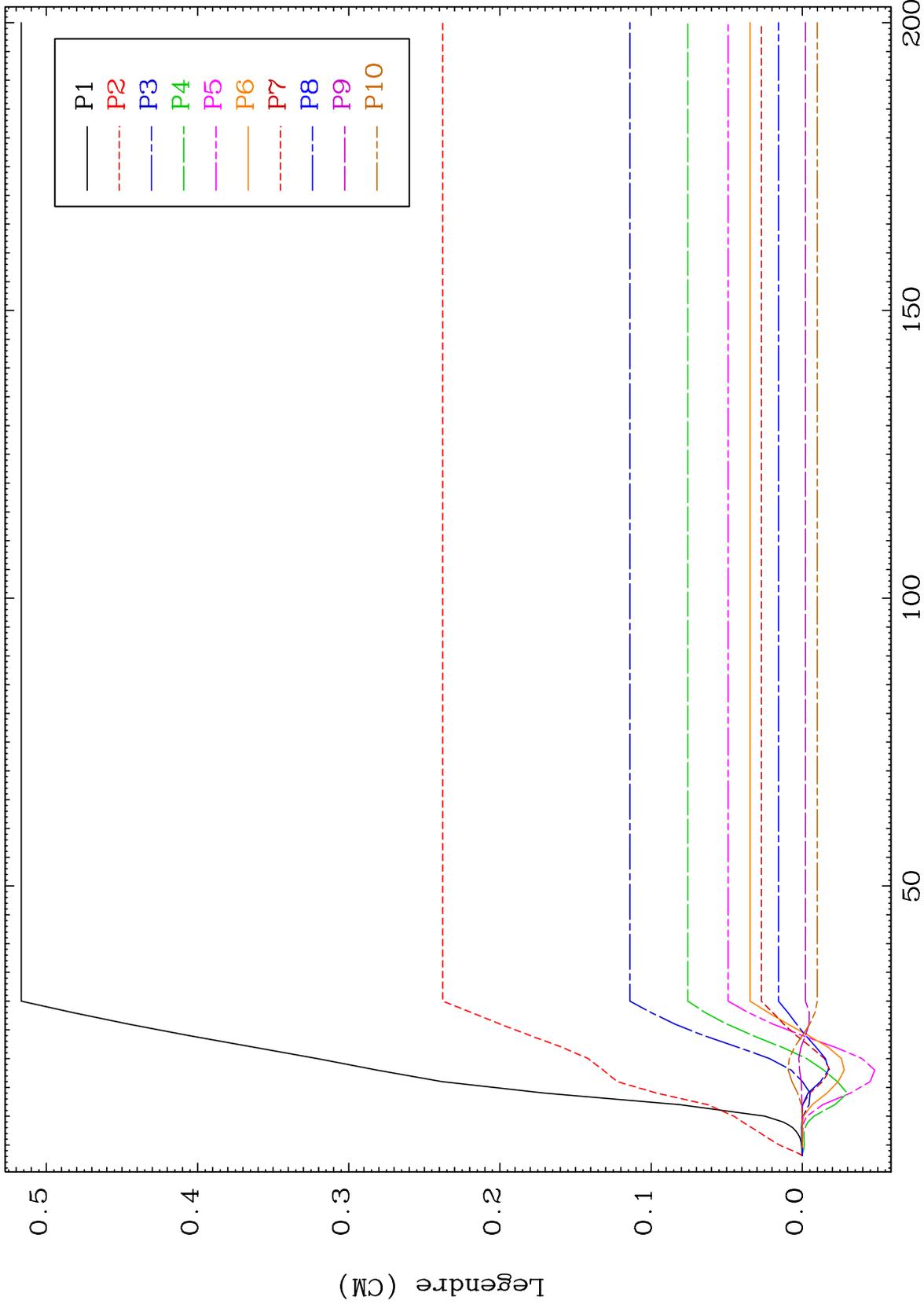


92

Incident Energy (MeV)

19-K -43

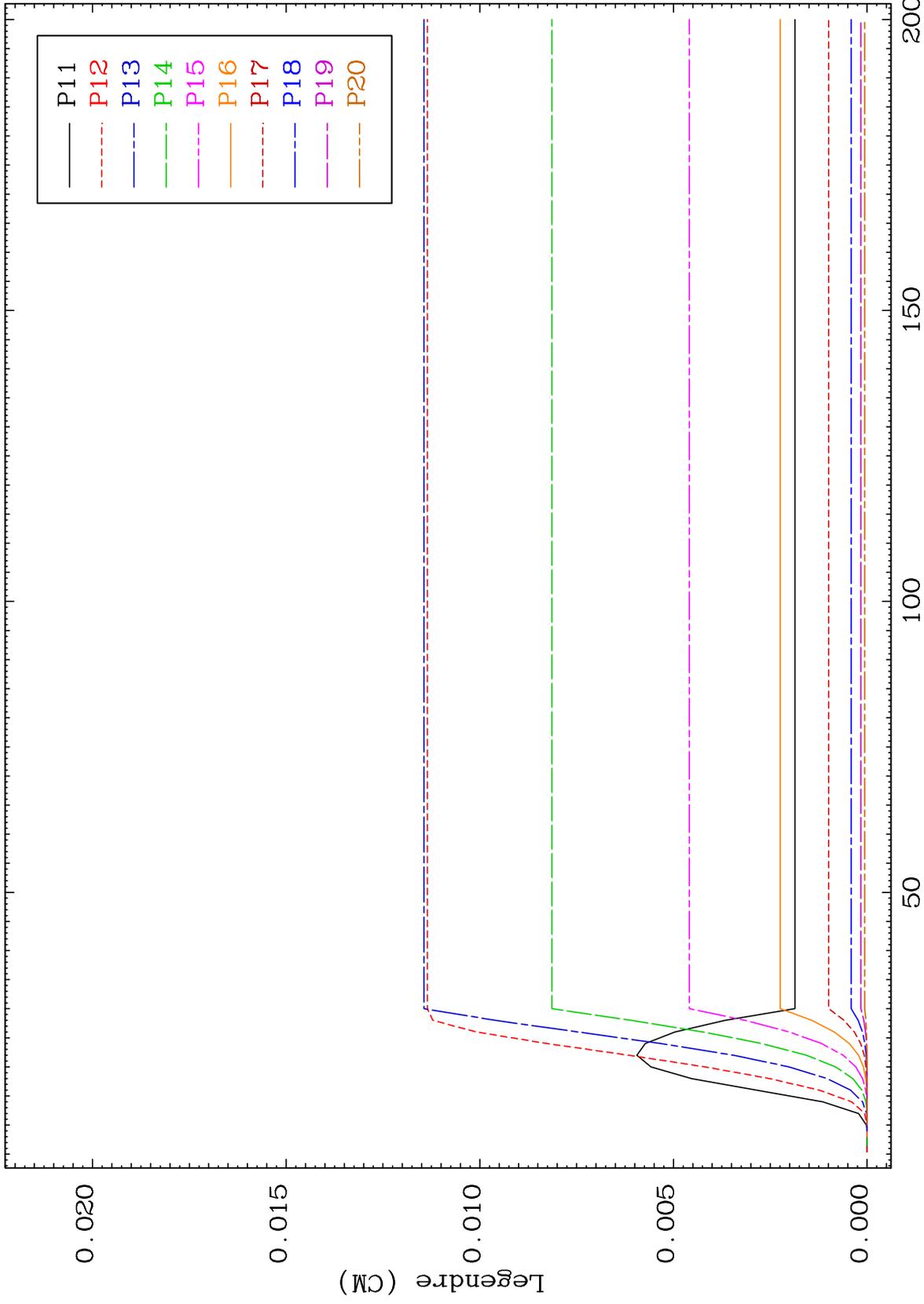




MAT 1937

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

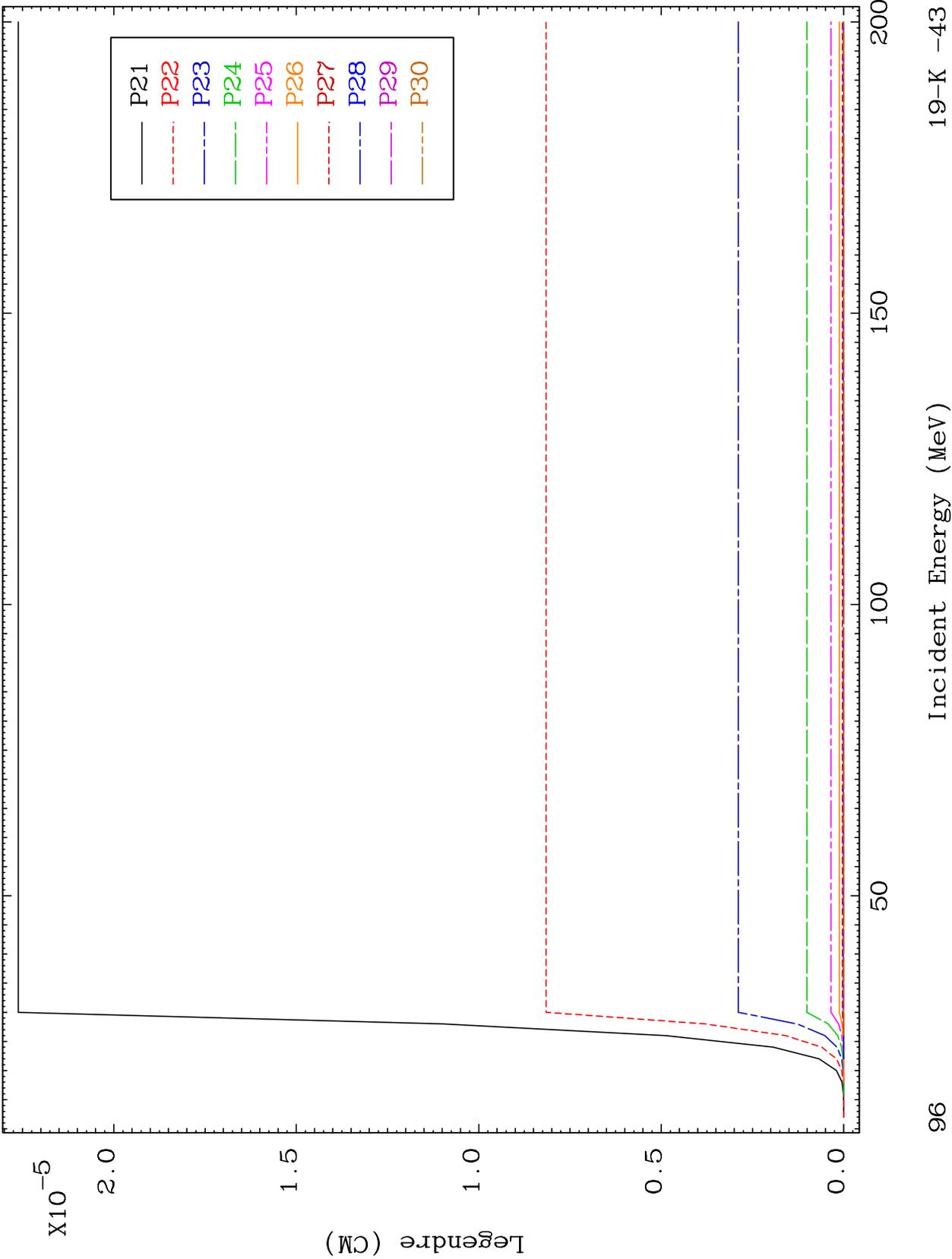
19-K -43

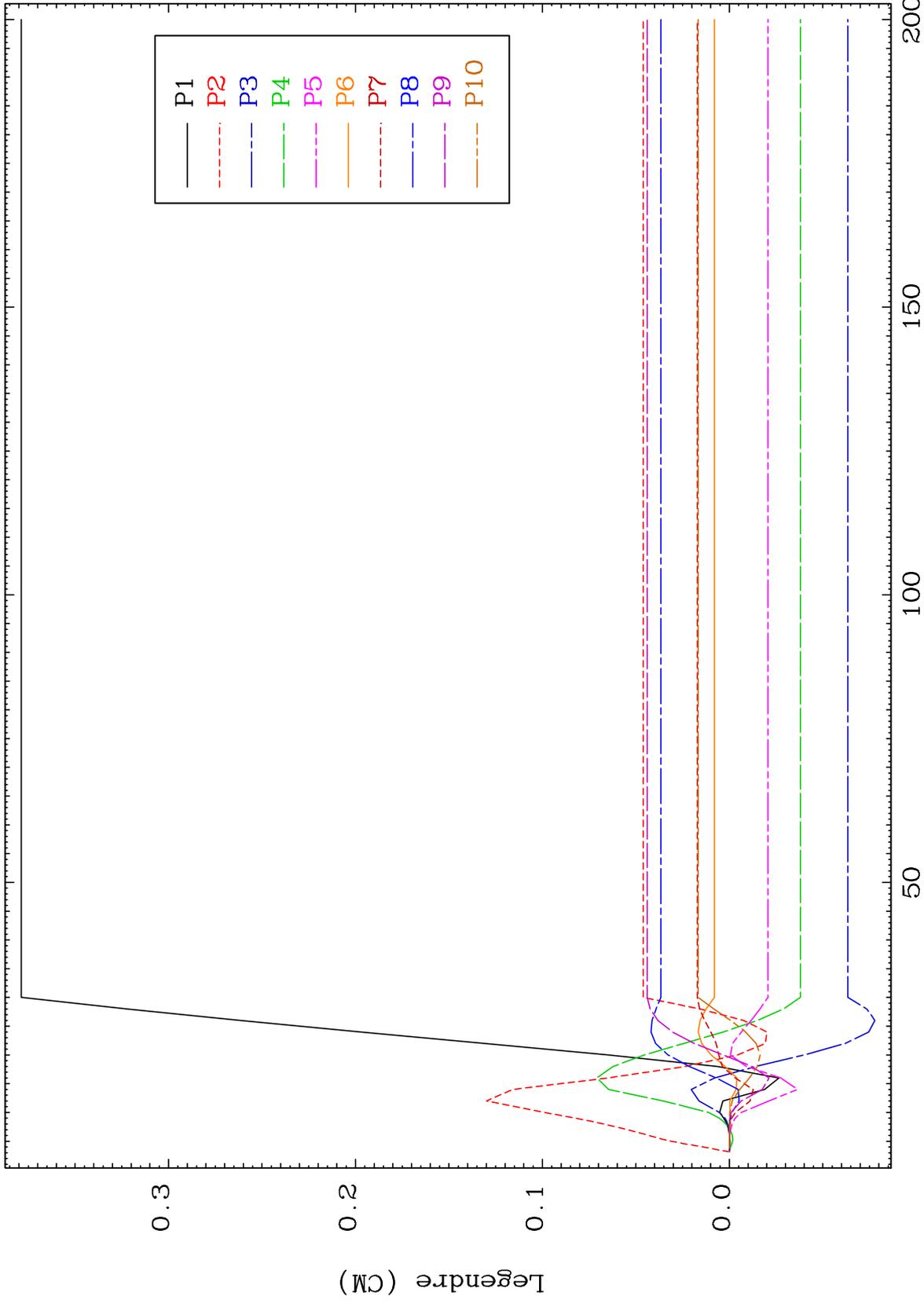


95

Incident Energy (MeV)

19-K -43

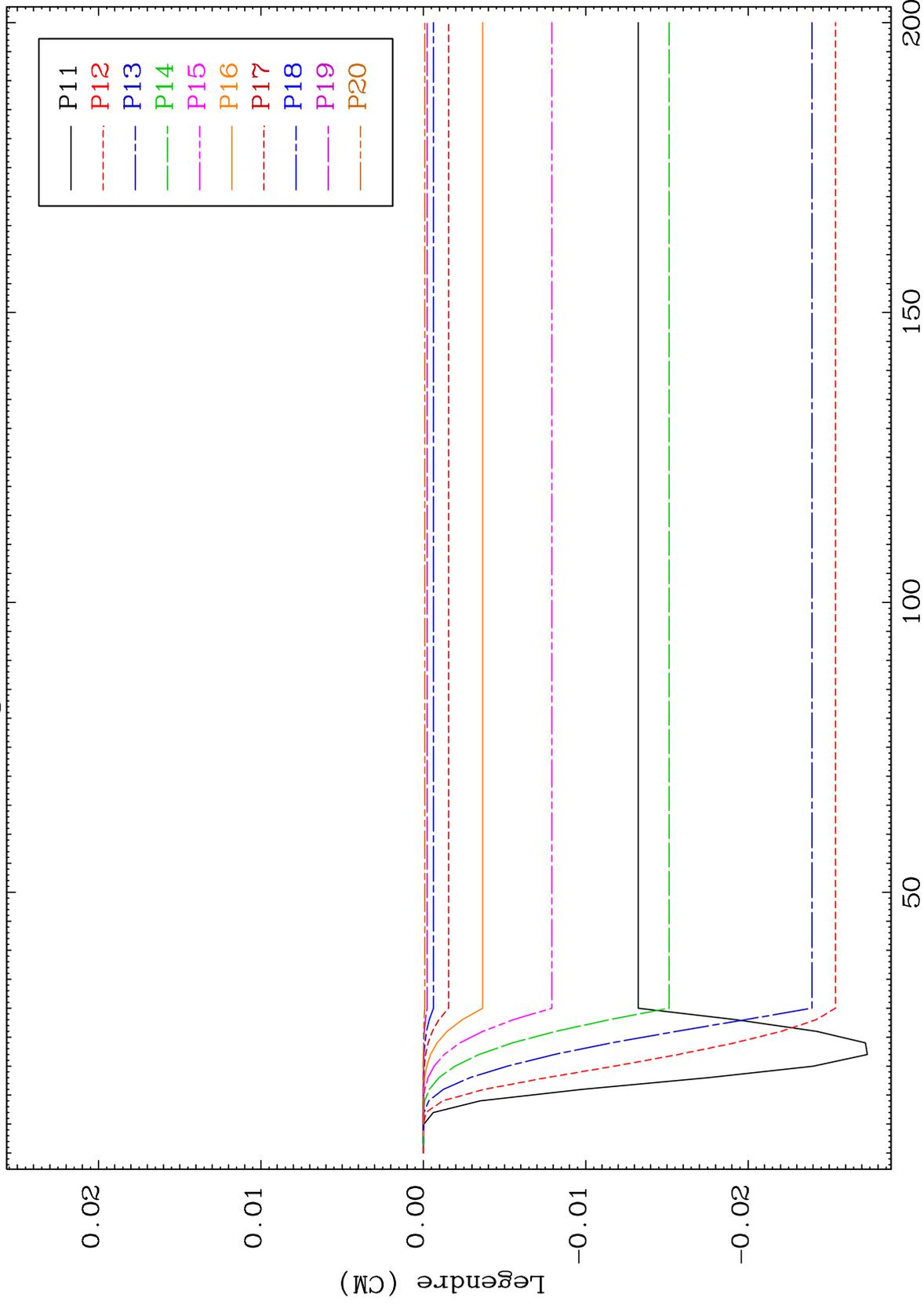




MAT 1937

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

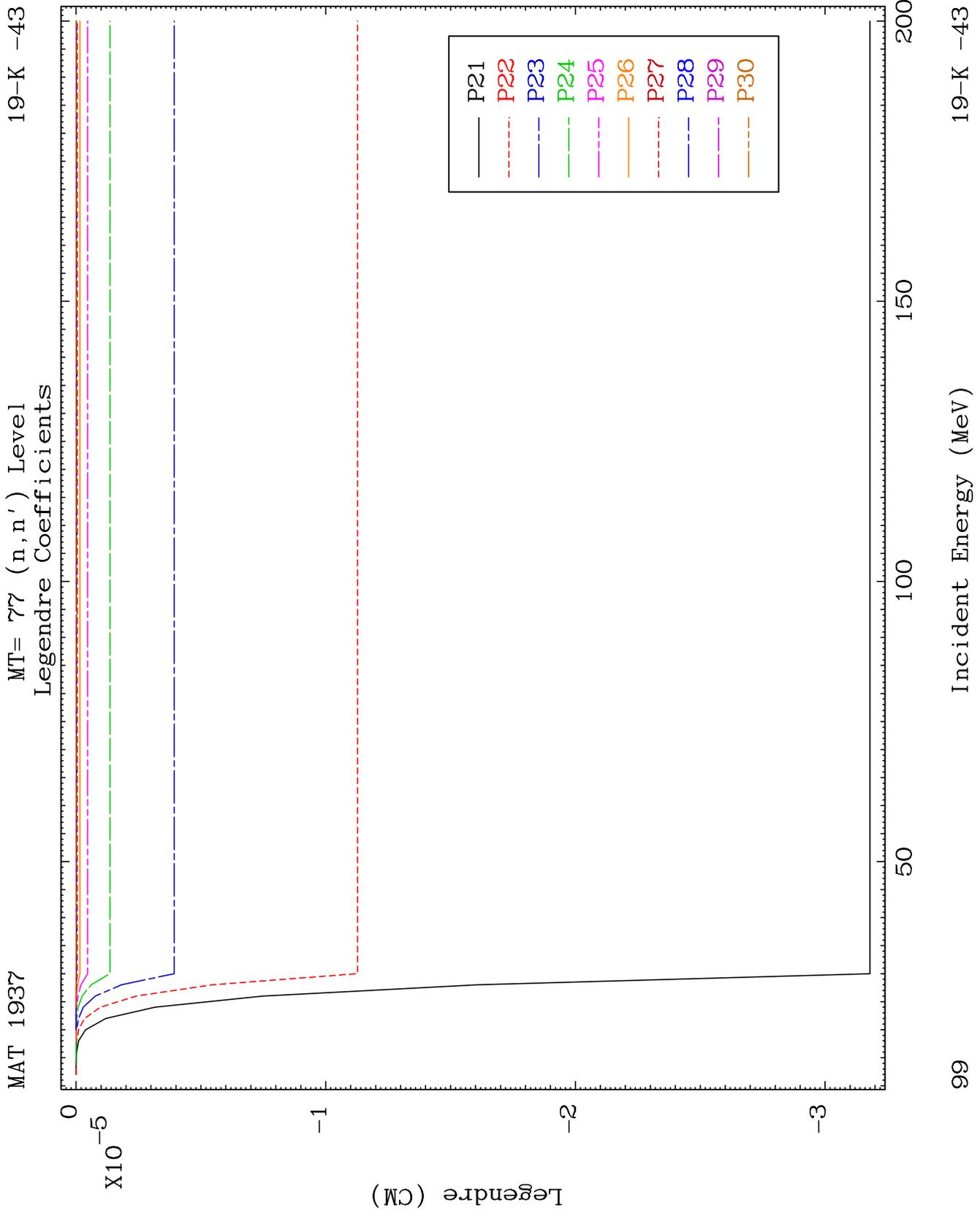
19-K -43



98

Incident Energy (MeV)

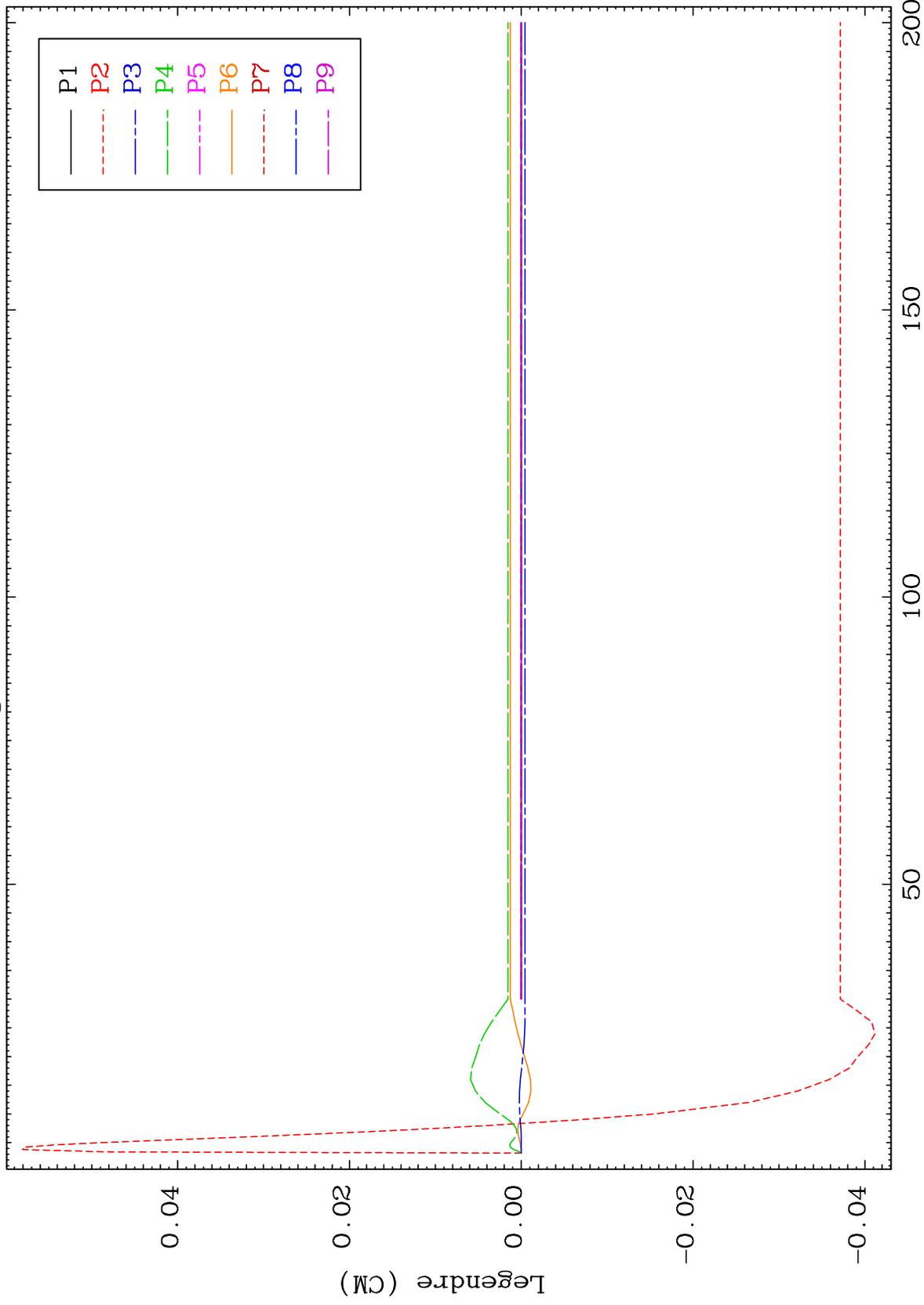
19-K -43



MAT 1937

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

19-K -43



100

50

100

150

200

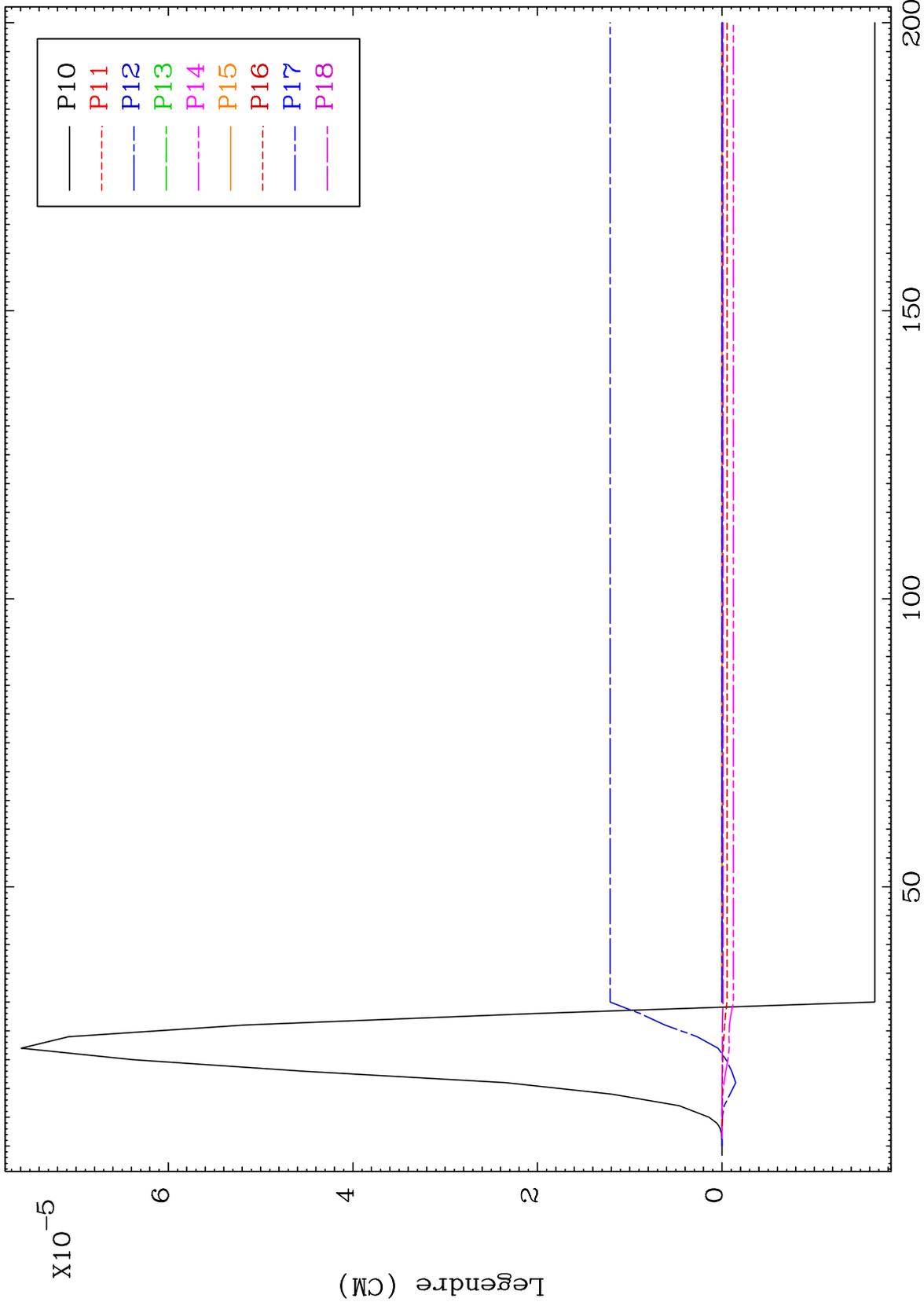
Incident Energy (MeV)

19-K -43

MAT 1937

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

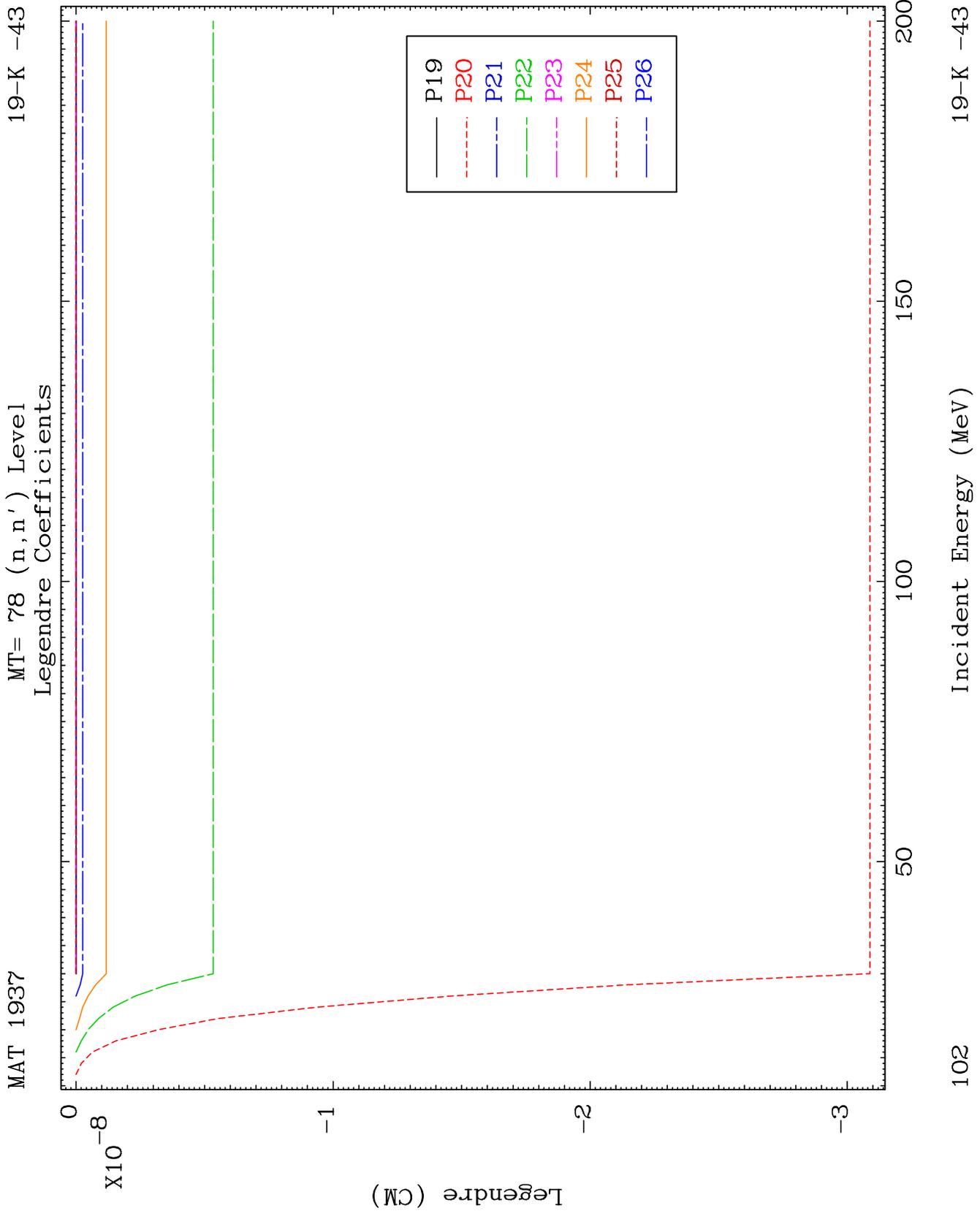
19-K -43



101

Incident Energy (MeV)

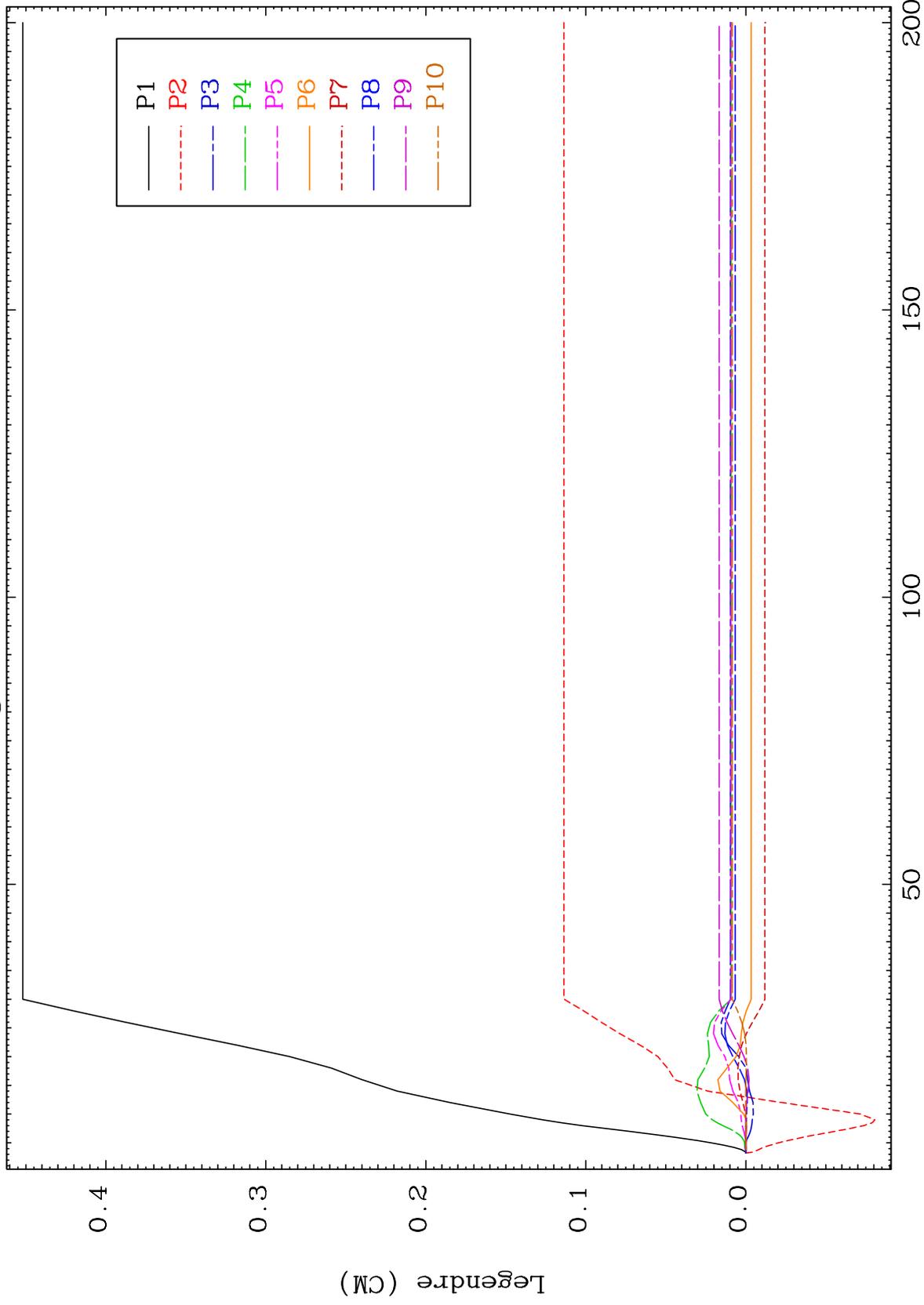
19-K -43



MAT 1937

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

19-K -43



103

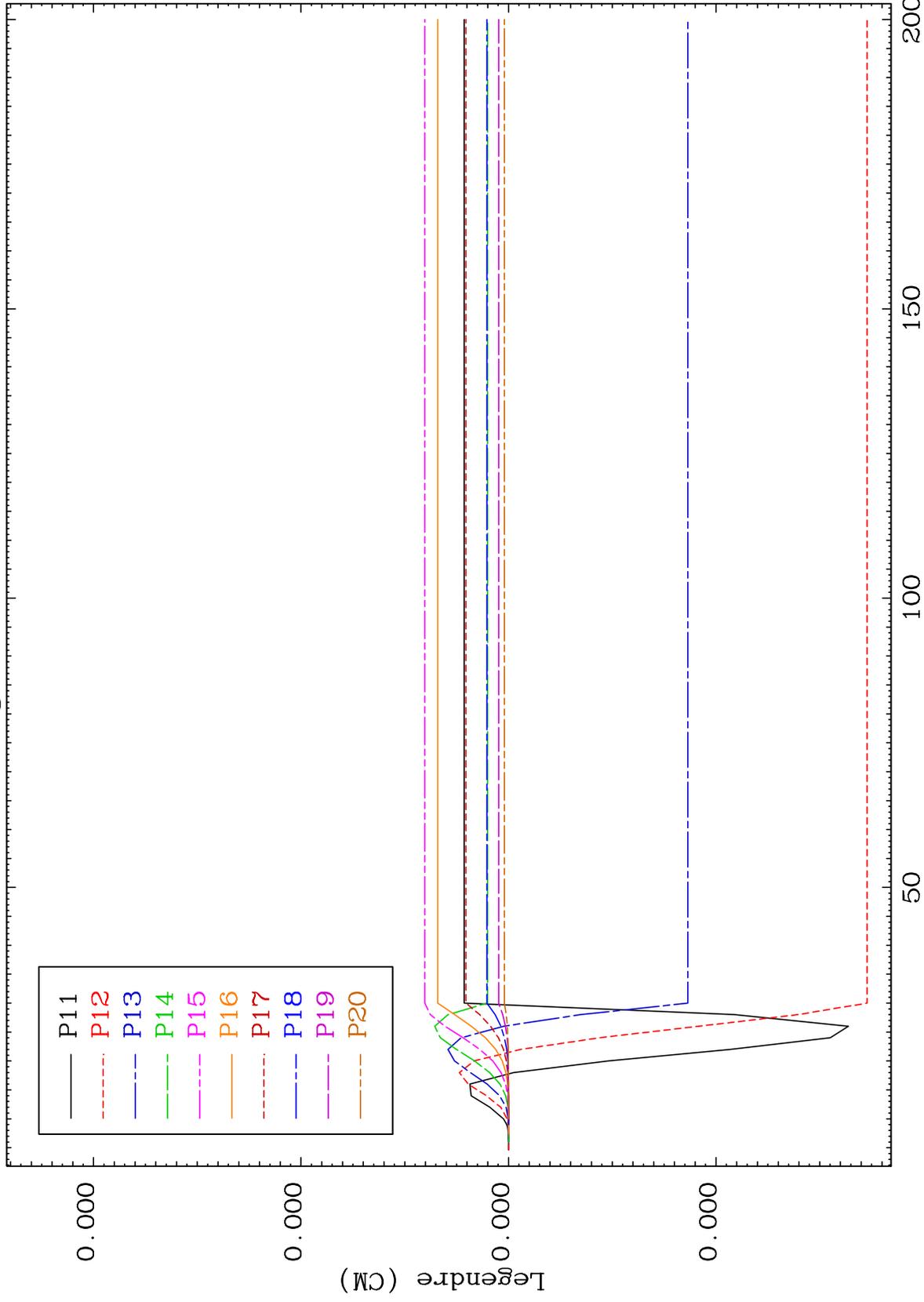
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



104

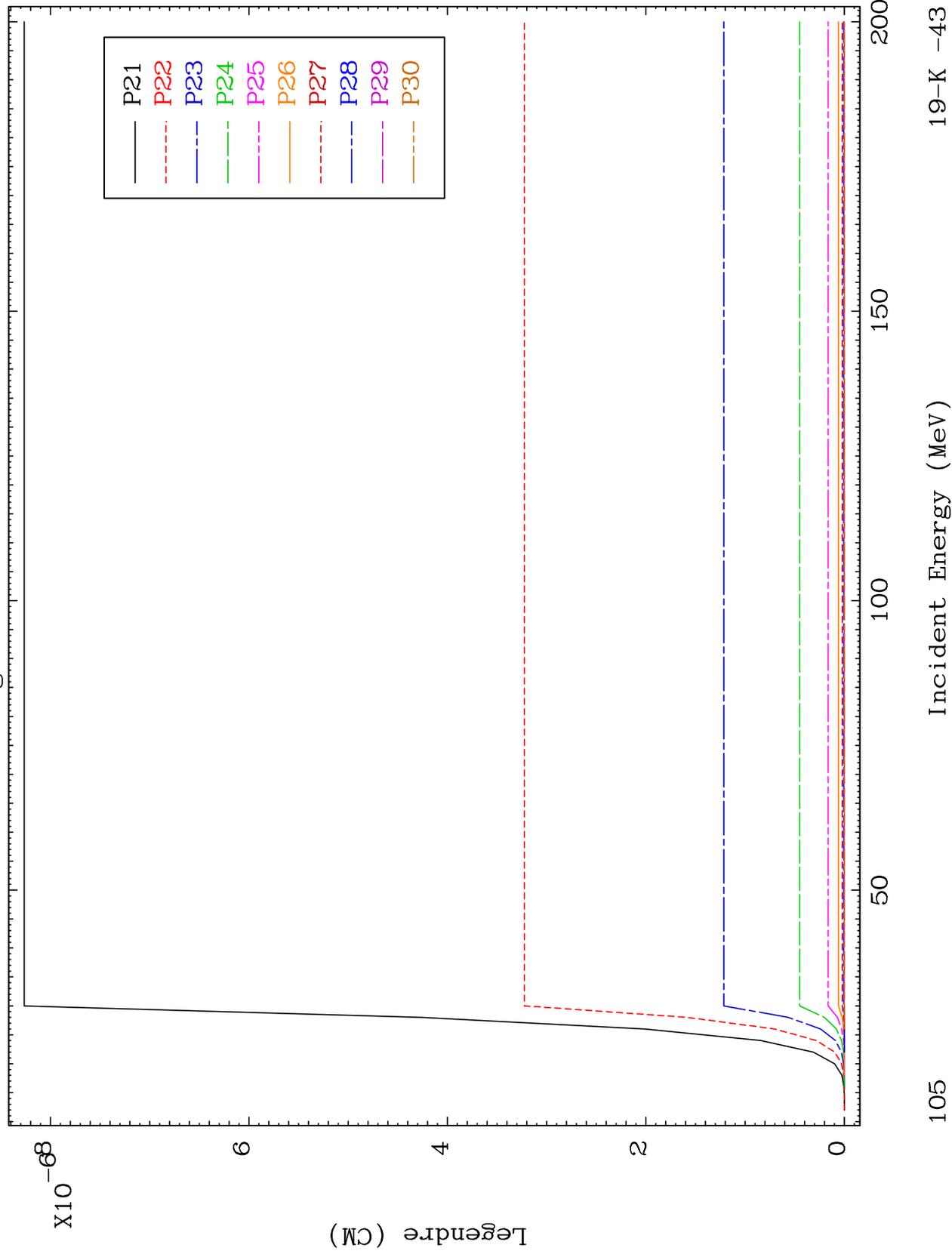
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



105

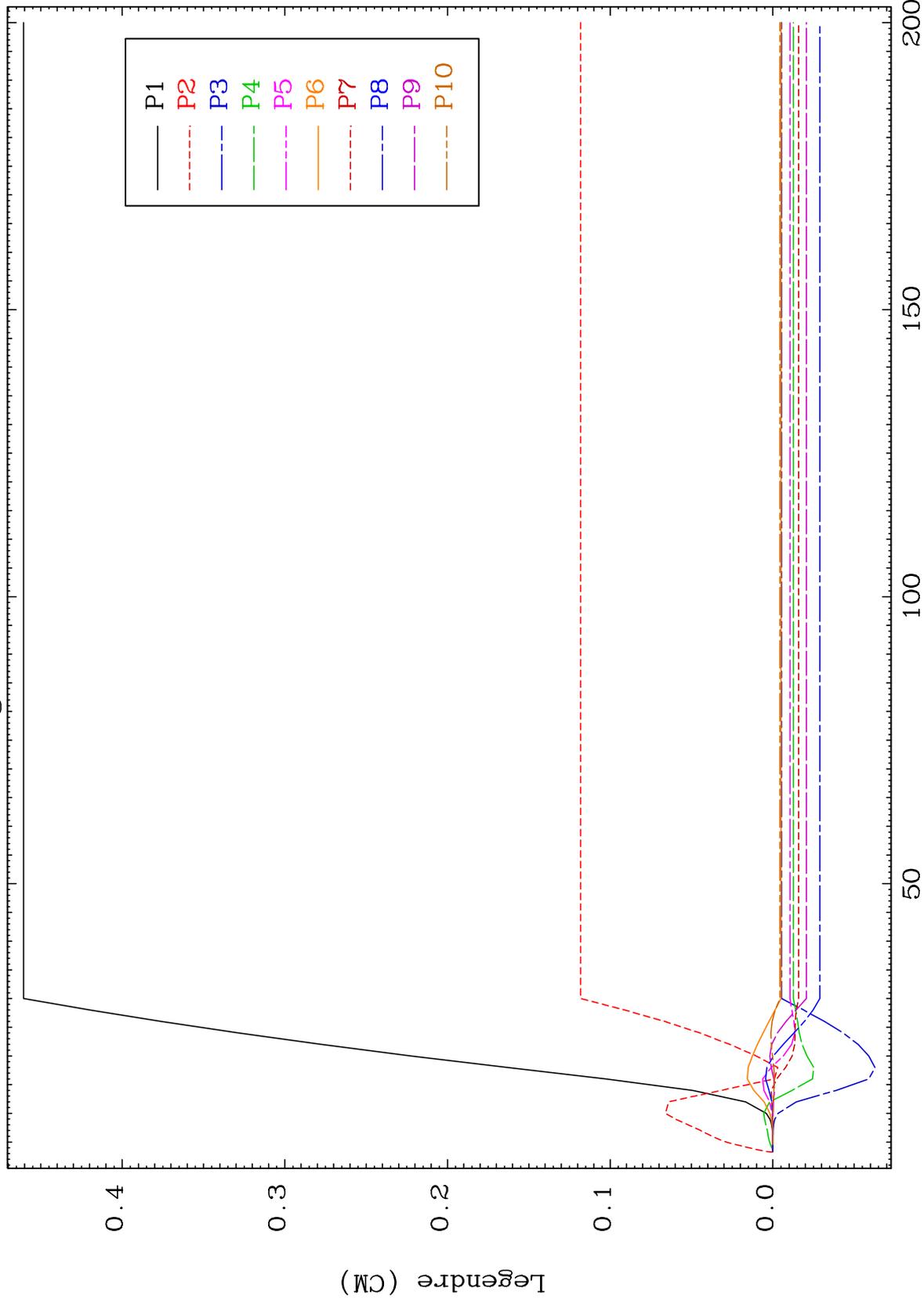
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



106

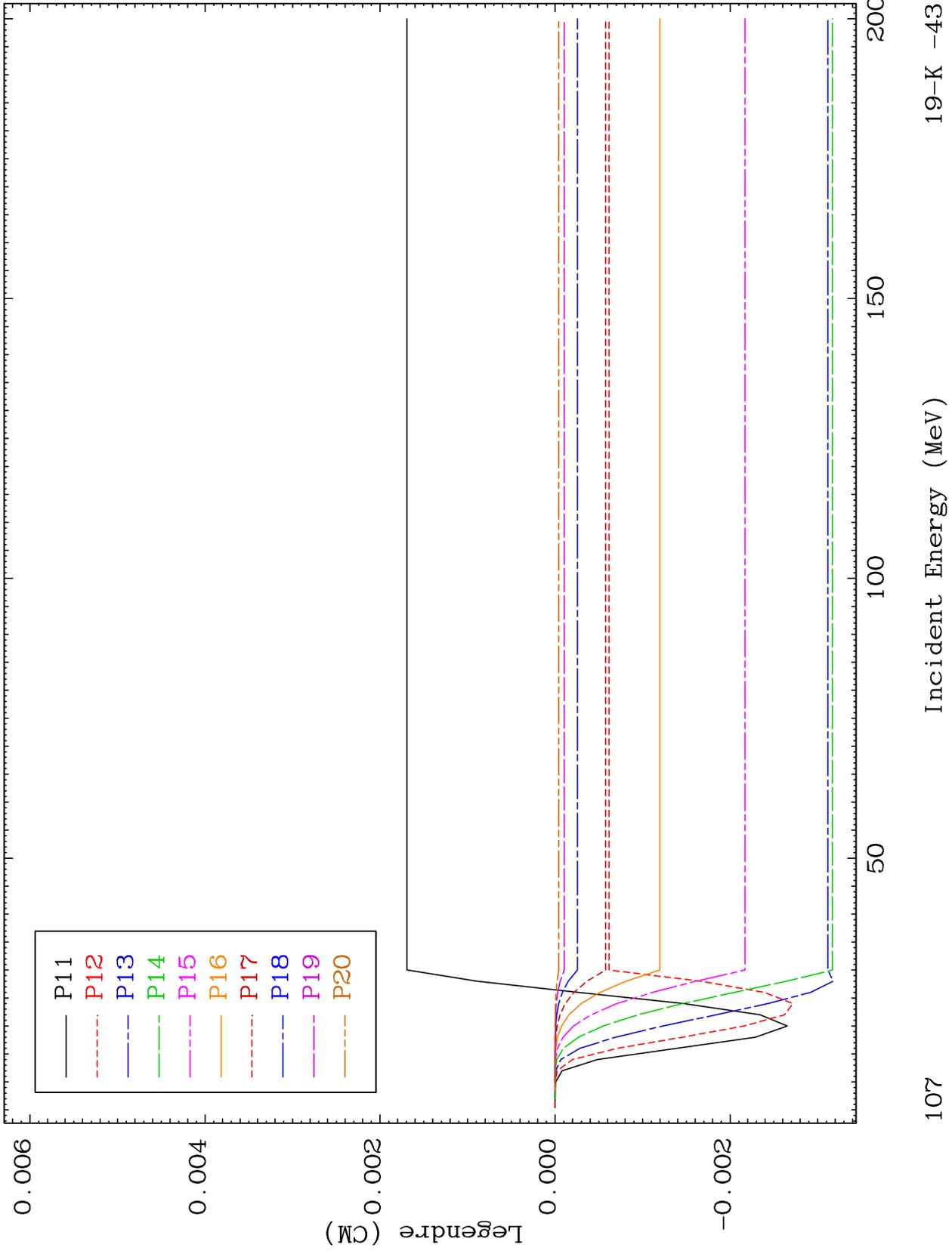
Incident Energy (MeV)

19-K -43

MAT 1937

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

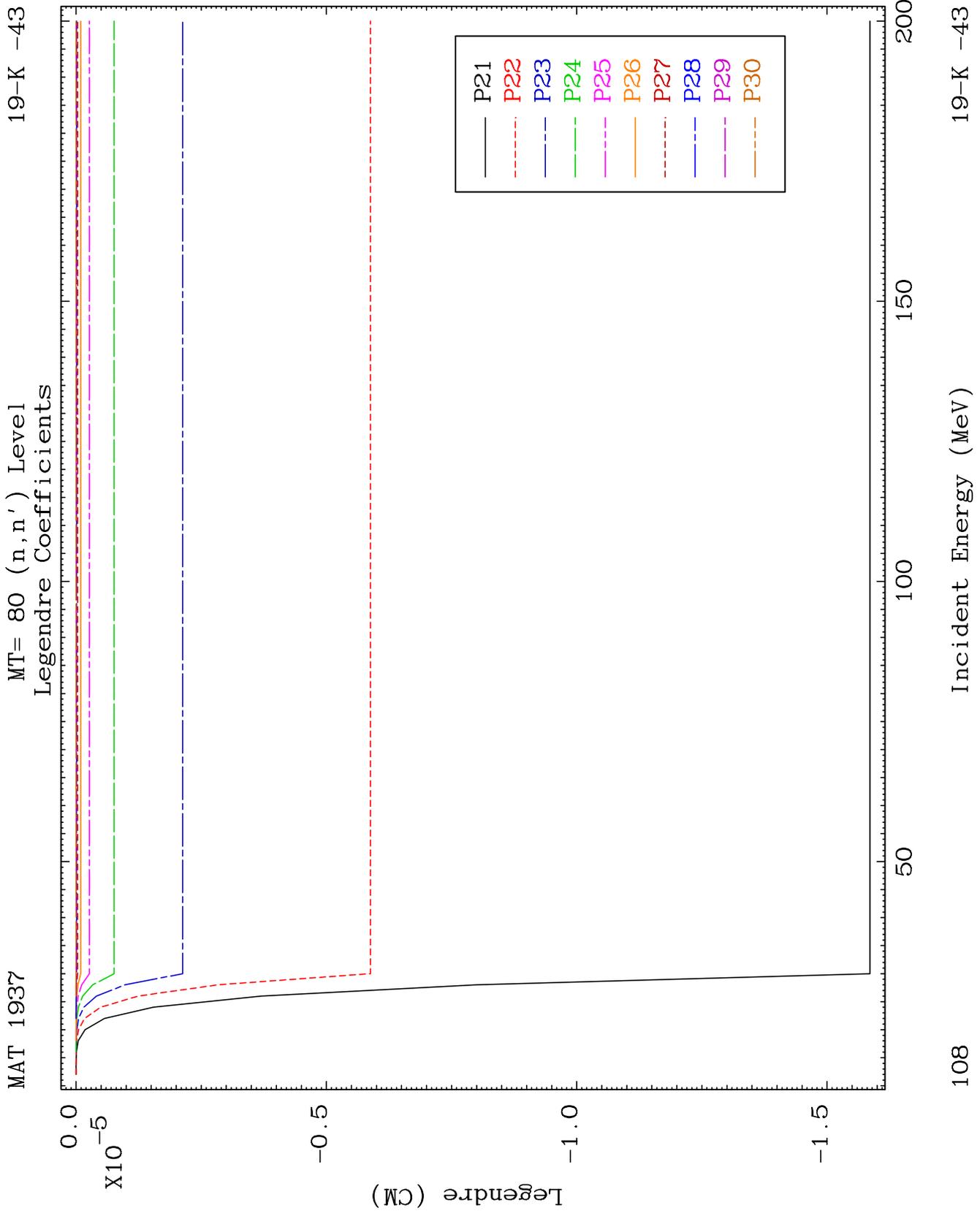
19-K -43



107

Incident Energy (MeV)

19-K -43

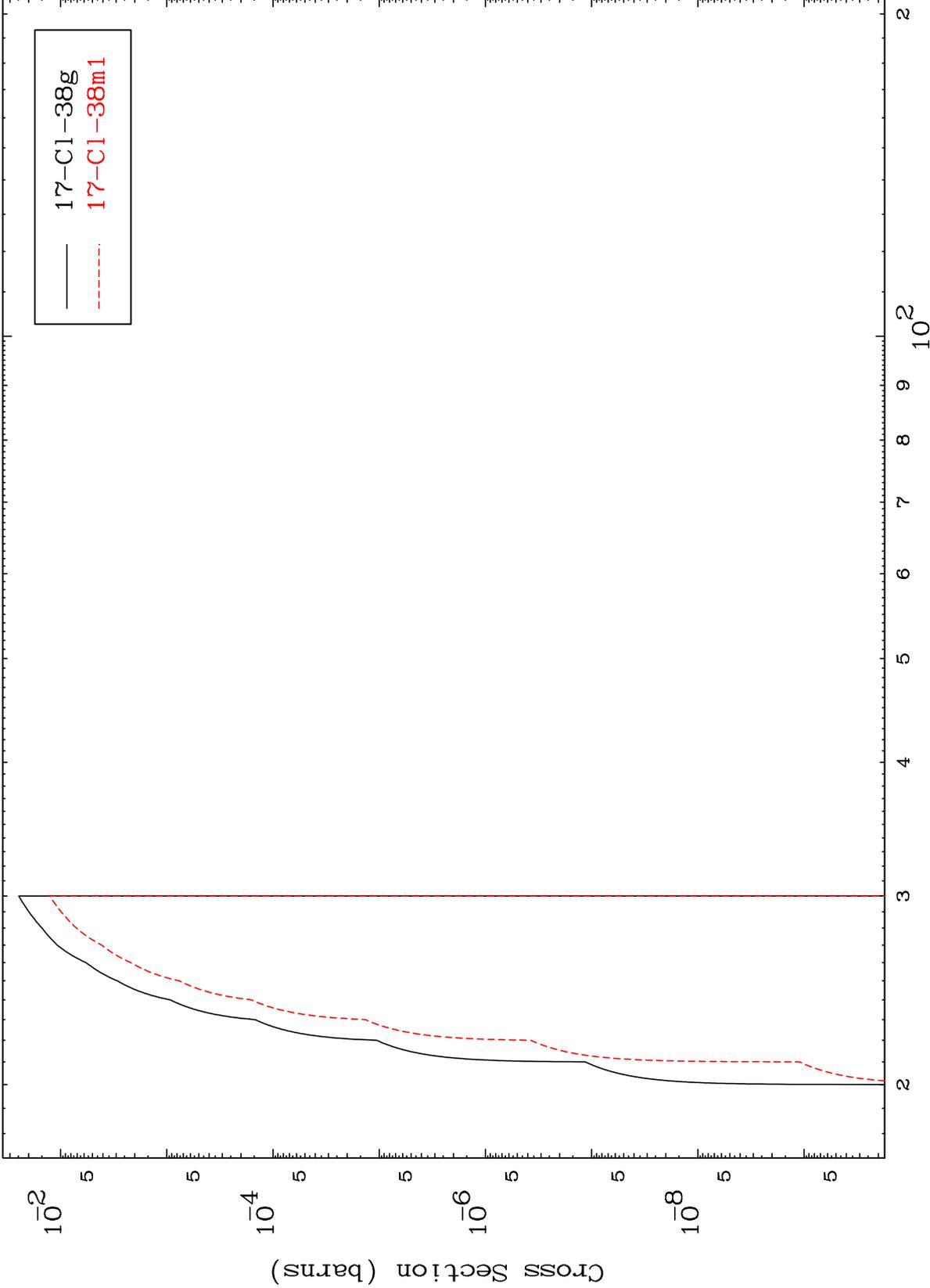


MAT 1937

(n,2n) α

19-K -43

Radionuclide Production Cross Section



109

Incident Energy (MeV)

19-K -43