

Program EVALPLOT
(Version 2018-1)

by

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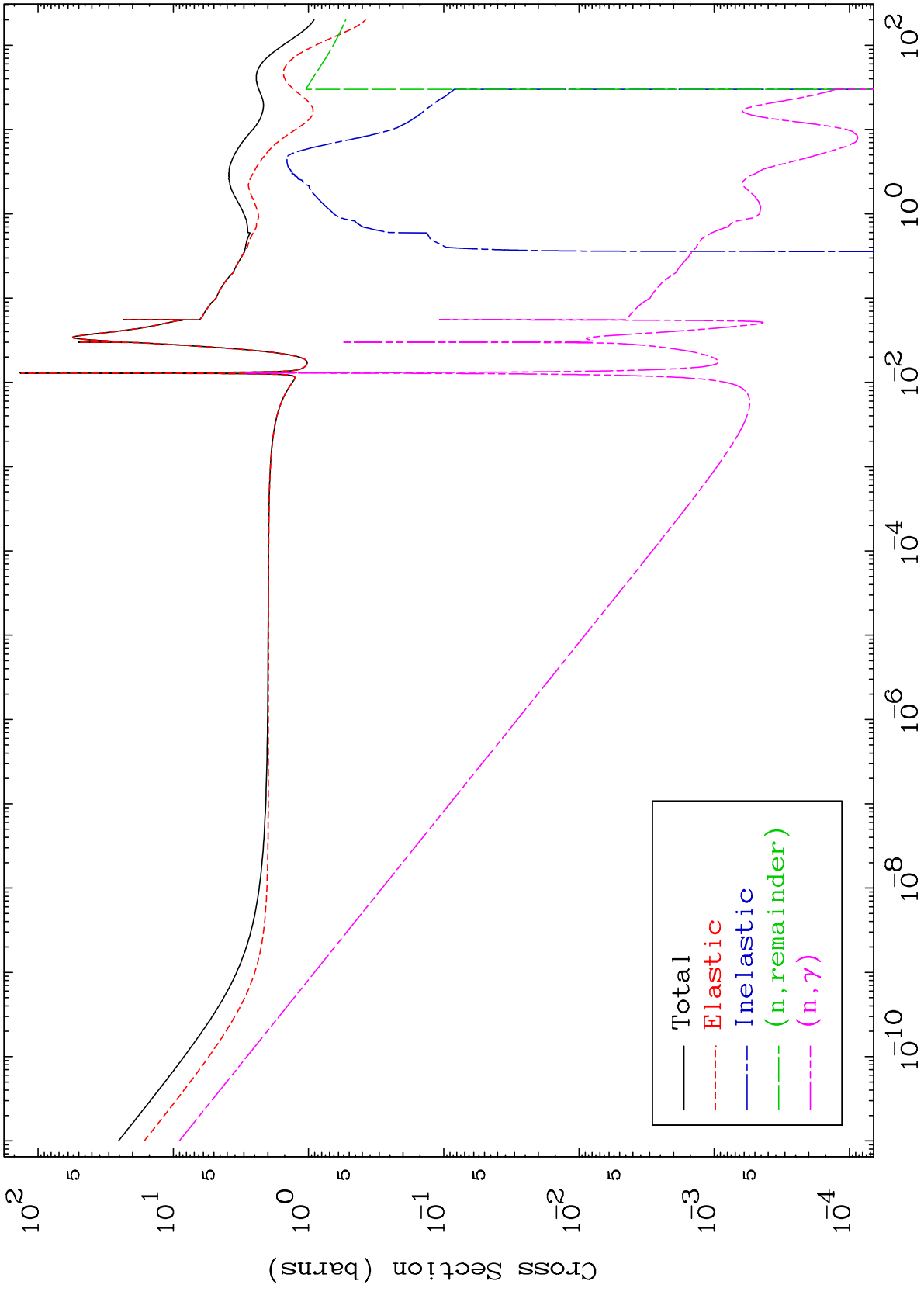
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1952

Major
293 Kelvin Cross Sections

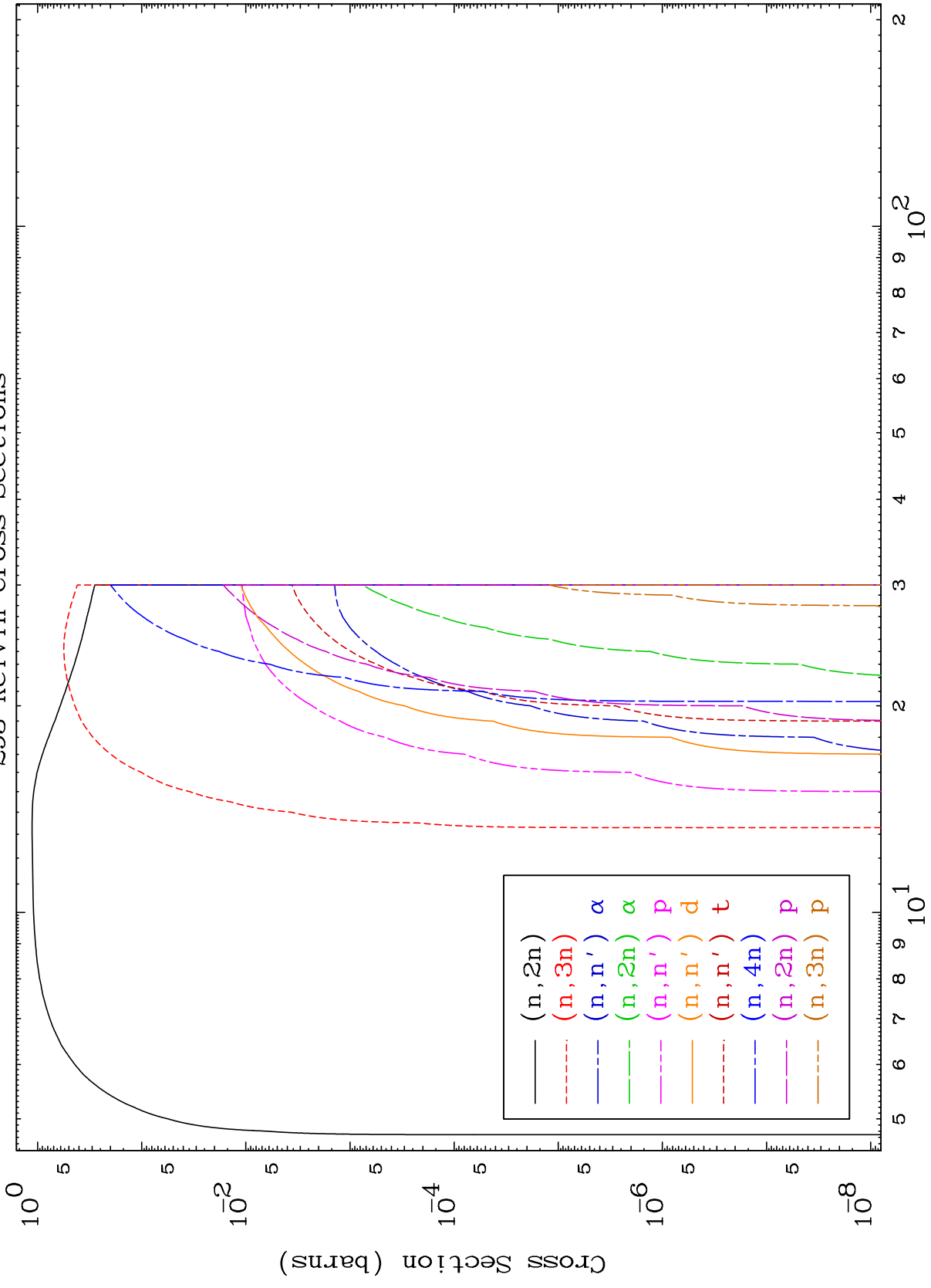
19-K -48



MAT 1952

Neutron Production
293 Kelvin Cross Sections

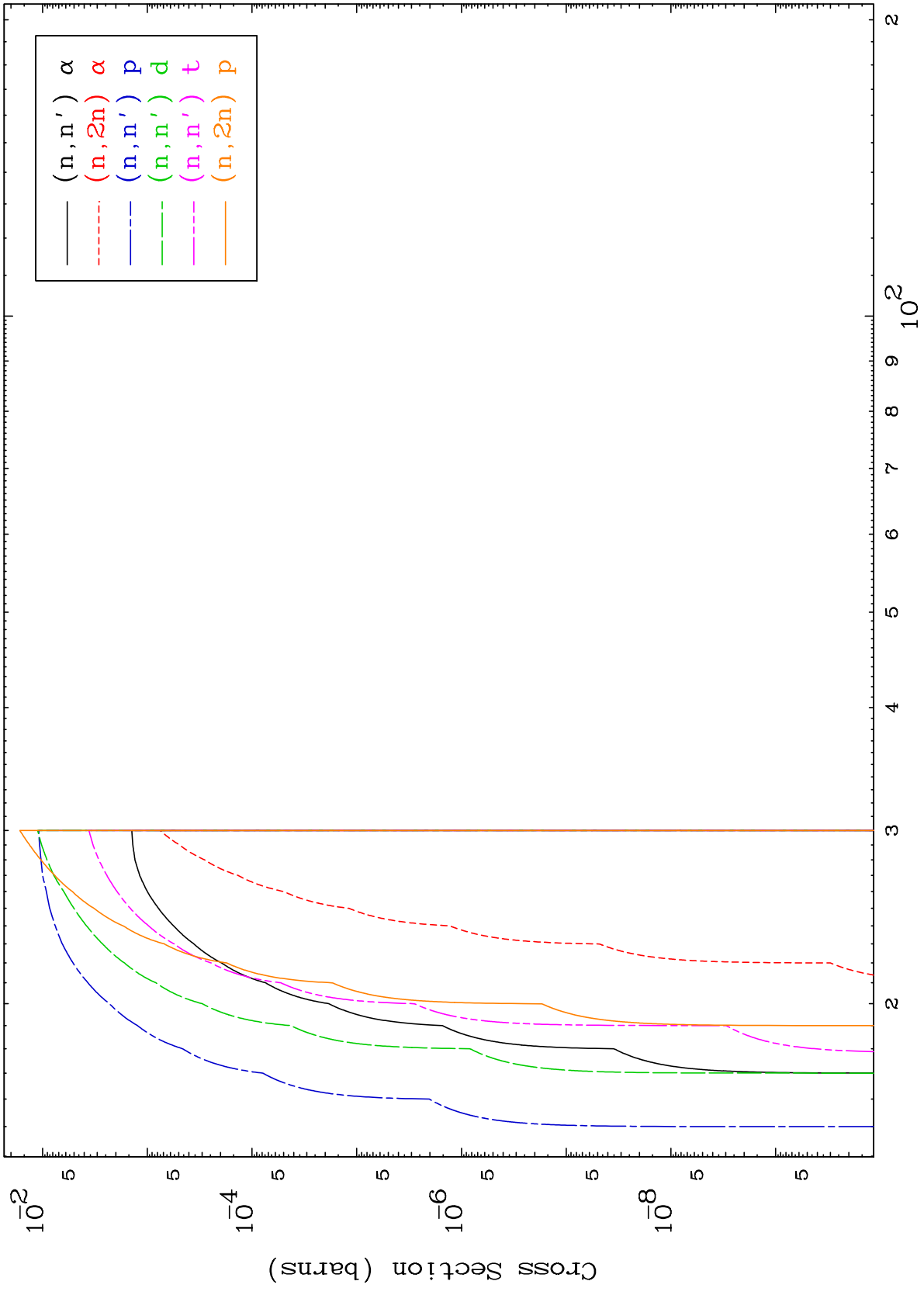
19-K -48



2

Incident Energy (MeV)

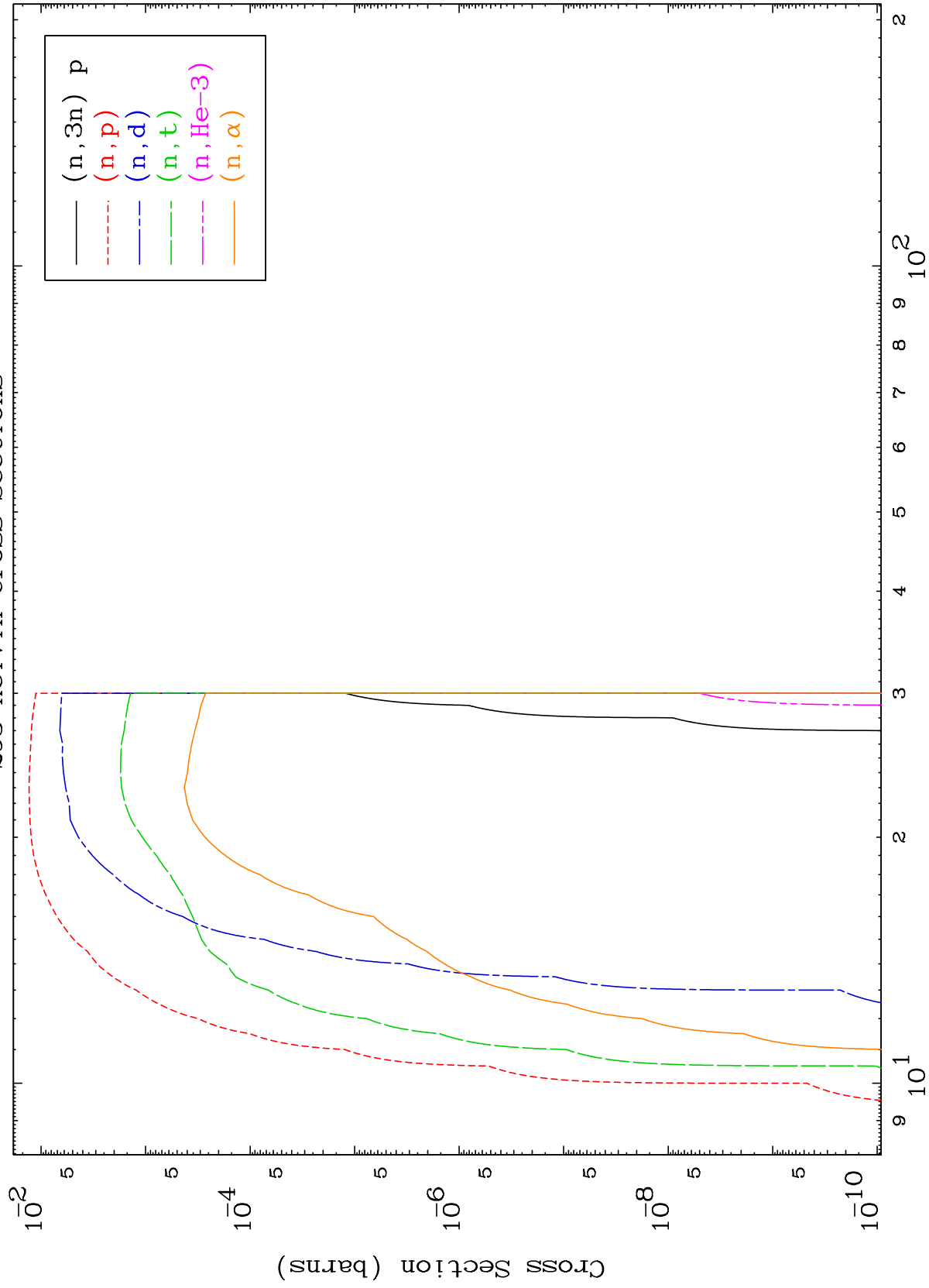
19-K -48



MAT 1952

Charged Particle
293 Kelvin Cross Sections

19-K -48



4

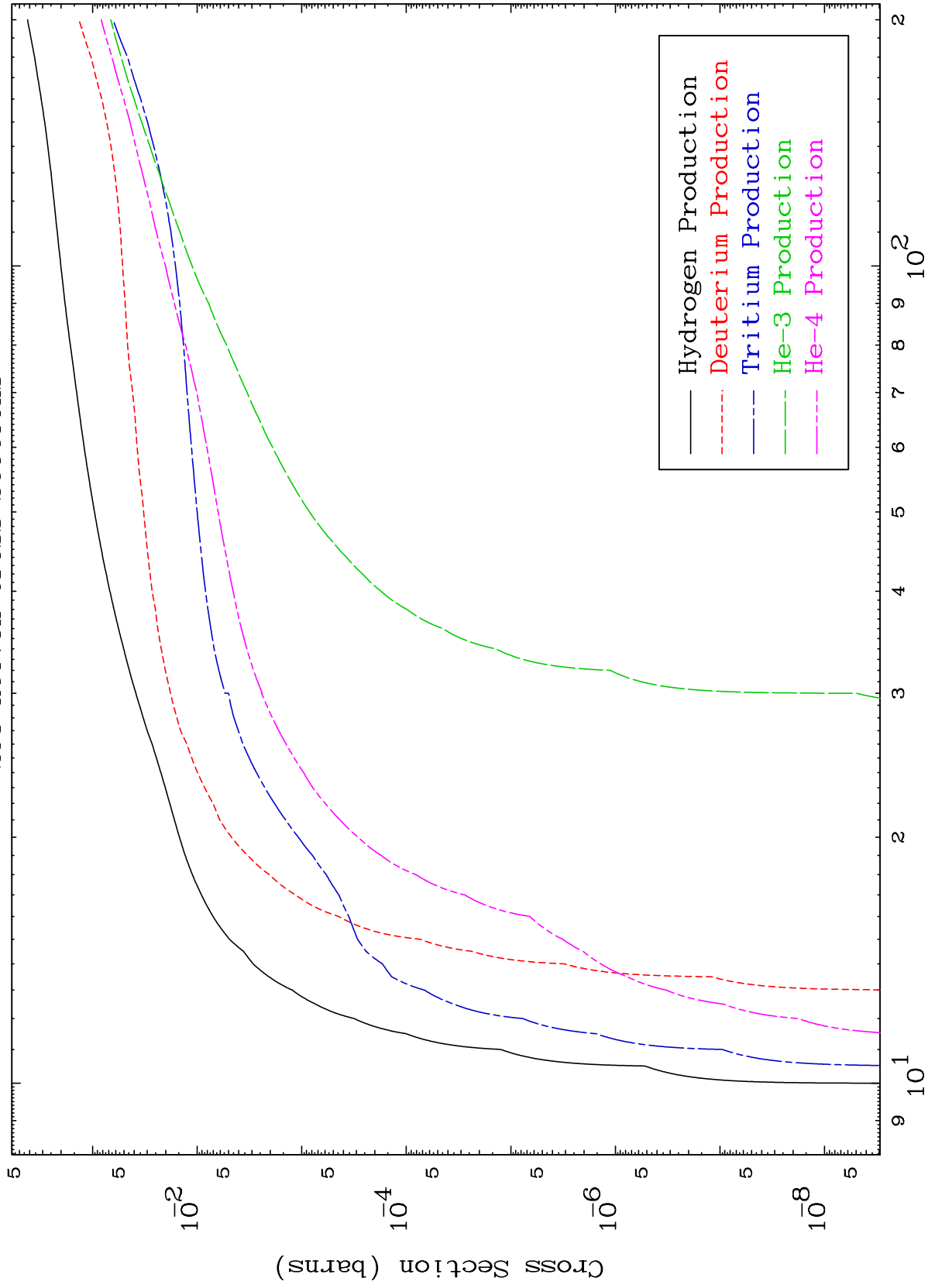
Incident Energy (MeV)

19-K -48

MAT 1952

Particle Production
293 Kelvin Cross Sections

19-K -48



5

10¹

2

3

4

5

6

7

8

9

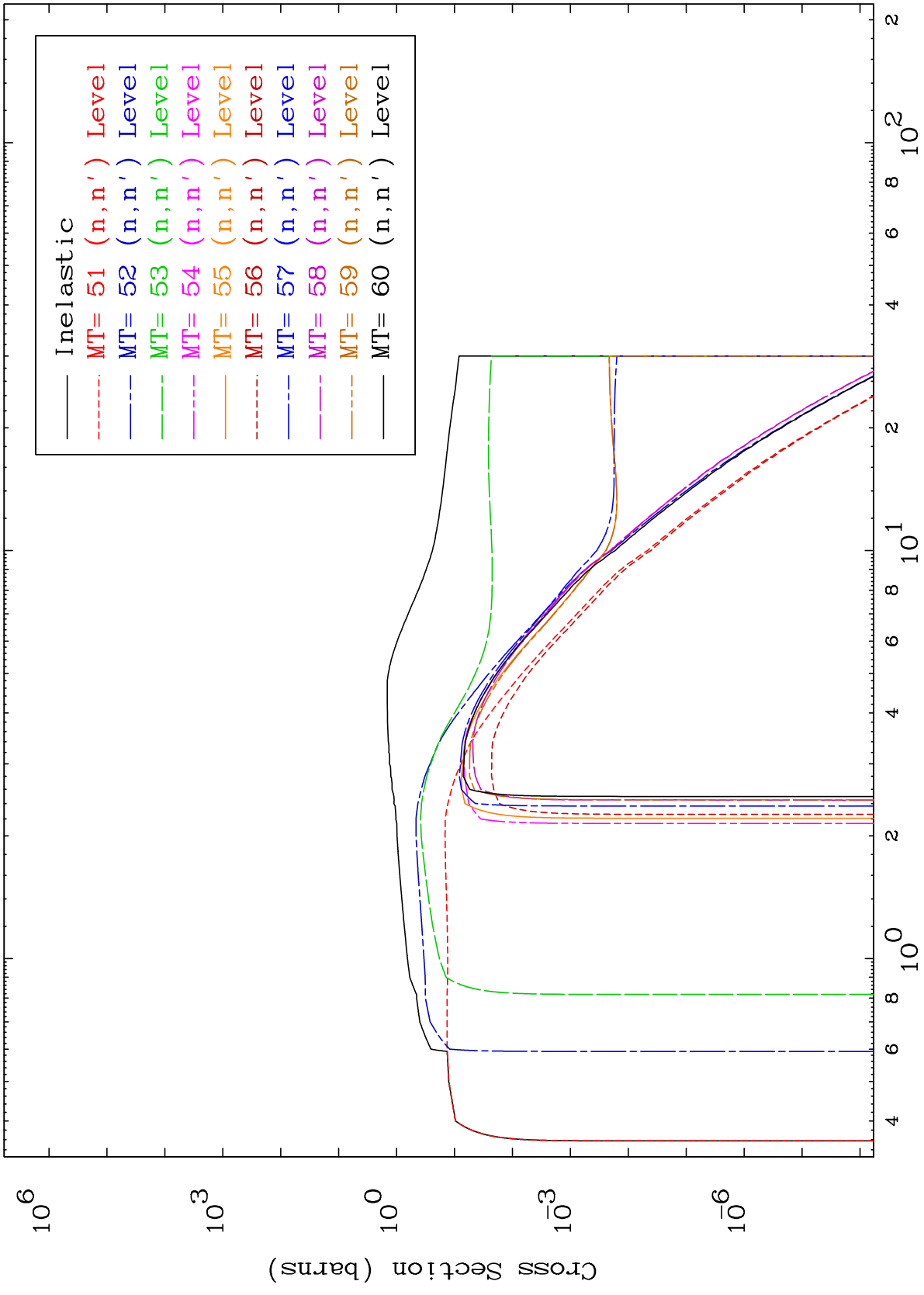
10²

19-K -48

MAT 1952

(n,n') Level
293 Kelvin Cross Sections

19-K -48



6

Incident Energy (MeV)

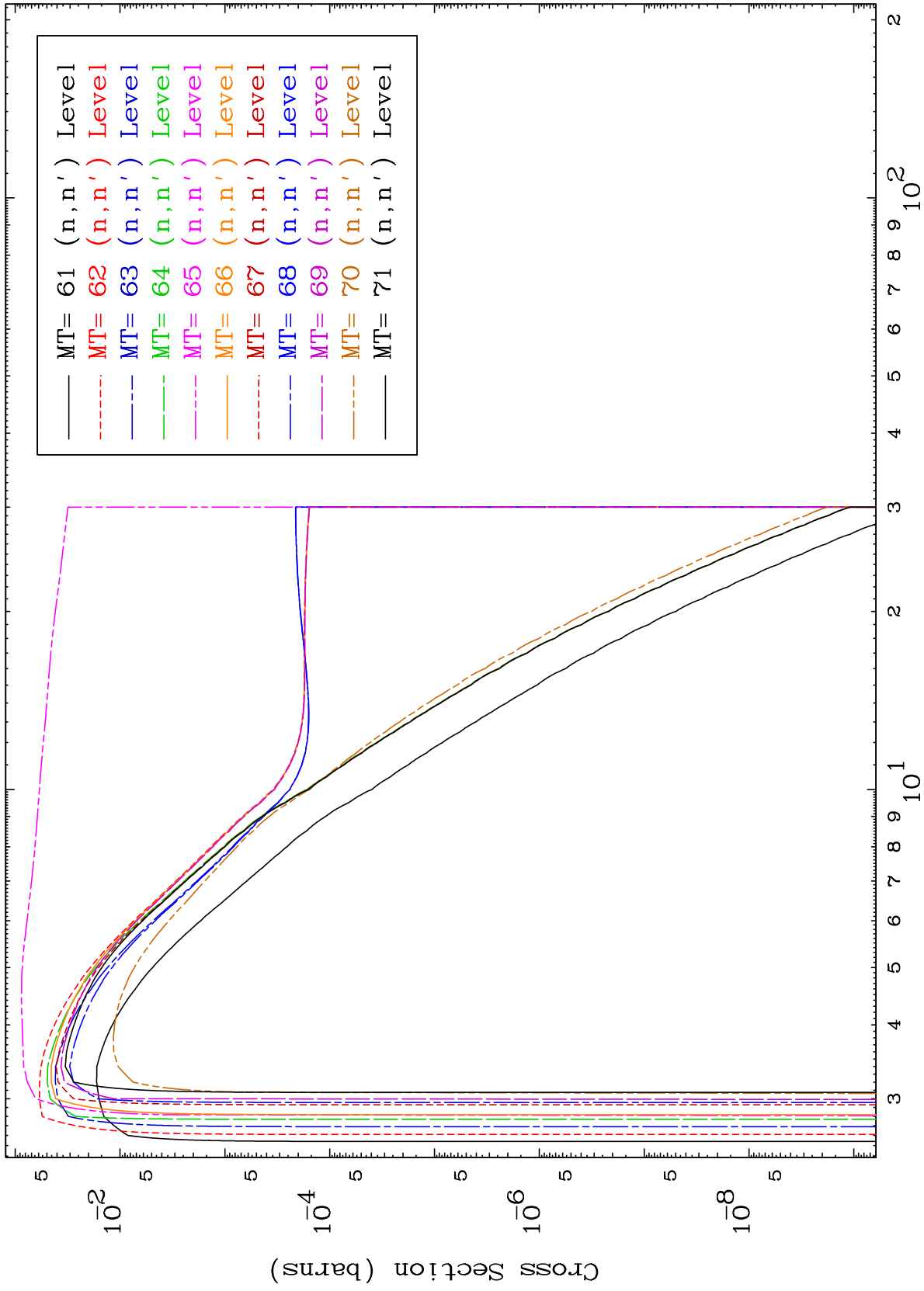
19-K -48

MAT 1952

(n,n') Level

19-K -48

293 Kelvin Cross Sections



7

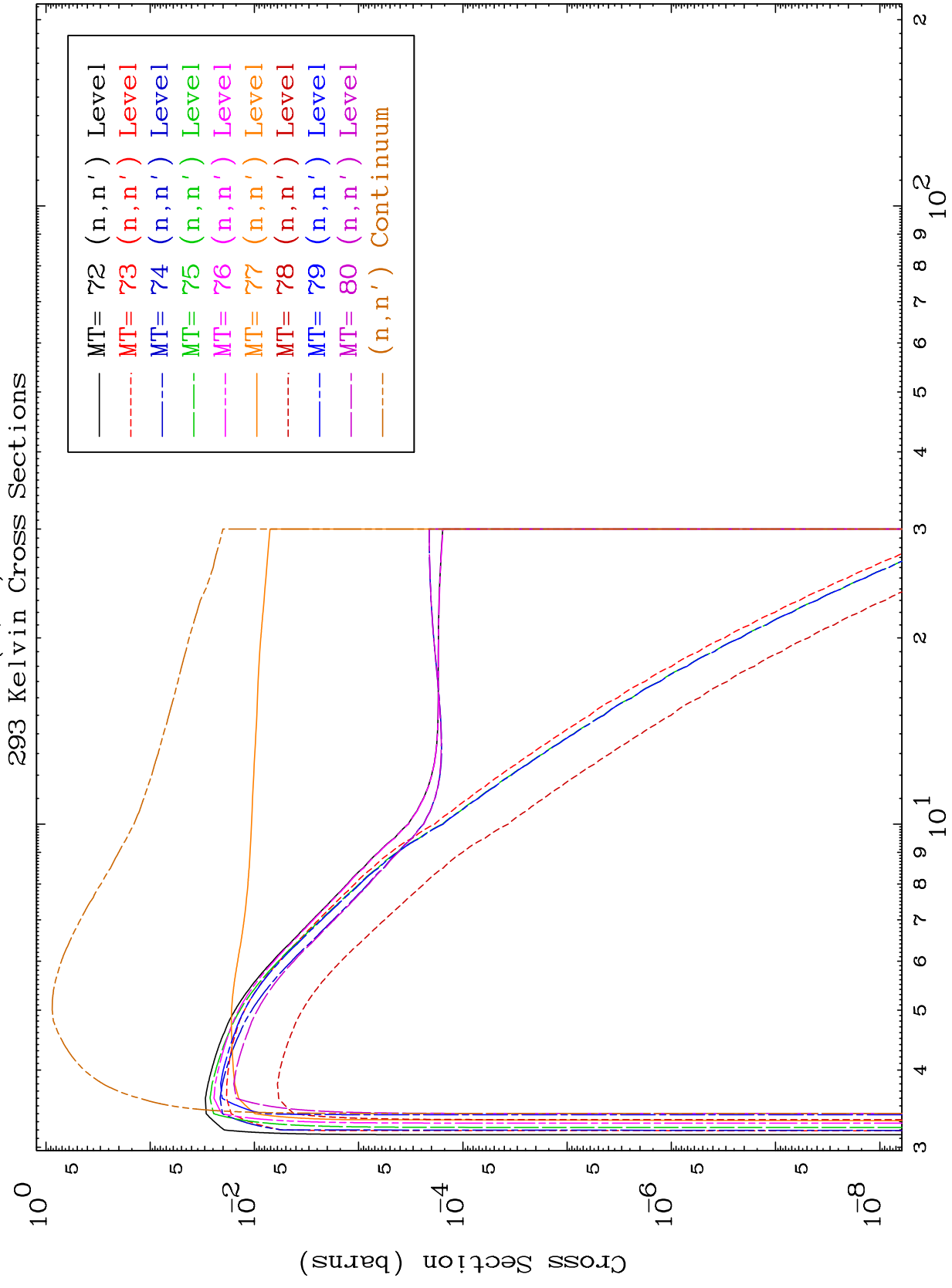
Incident Energy (MeV)

19-K -48

MAT 1952

(n,n') Level

19-K -48



8

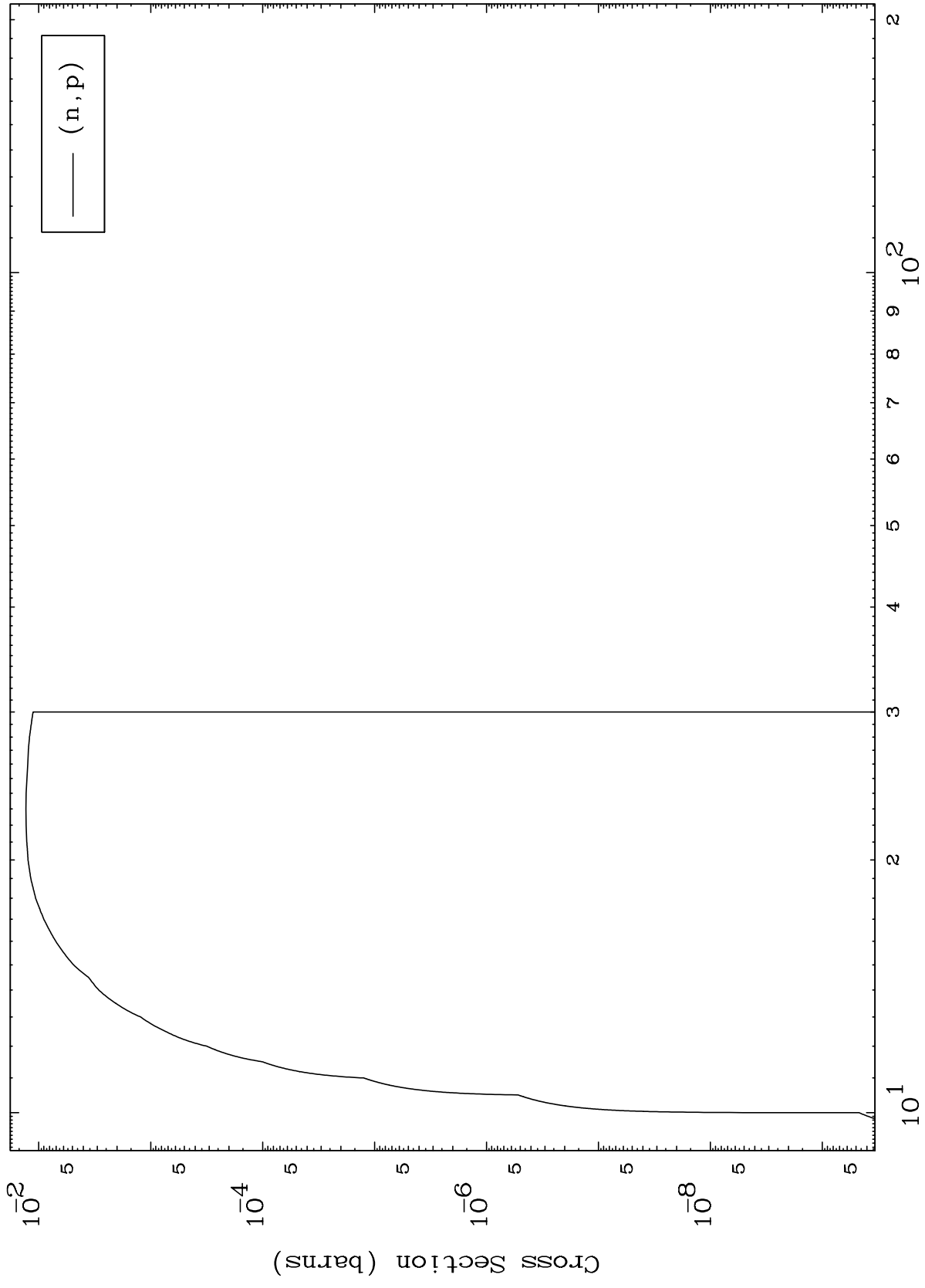
Incident Energy (MeV)

19-K -48

MAT 1952

(n,p) Levels
293 Kelvin Cross Sections

19-K -48



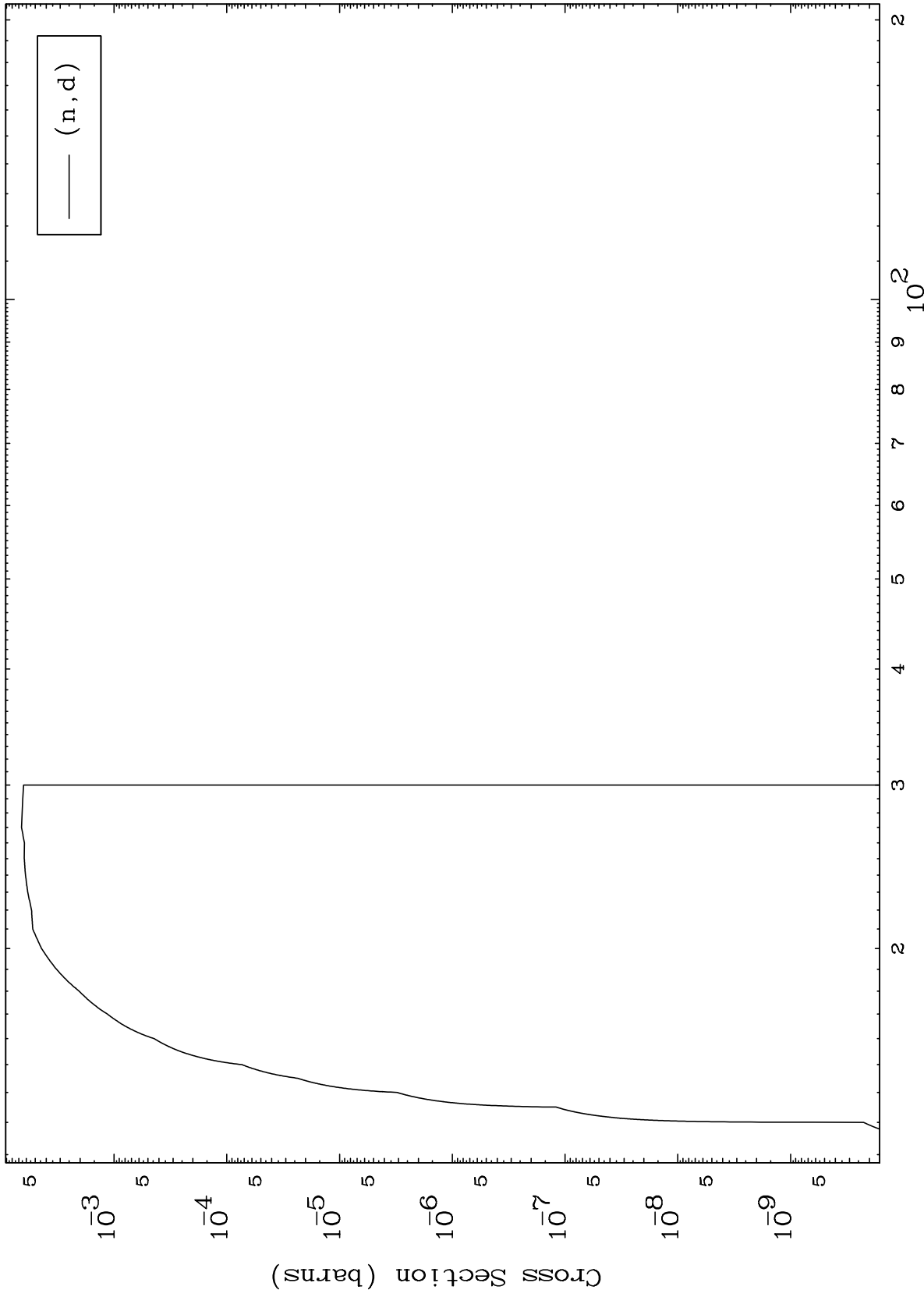
Incident Energy (MeV)

19-K -48

MAT 1952

(n,d) Levels
293 Kelvin Cross Sections

19-K -48



10

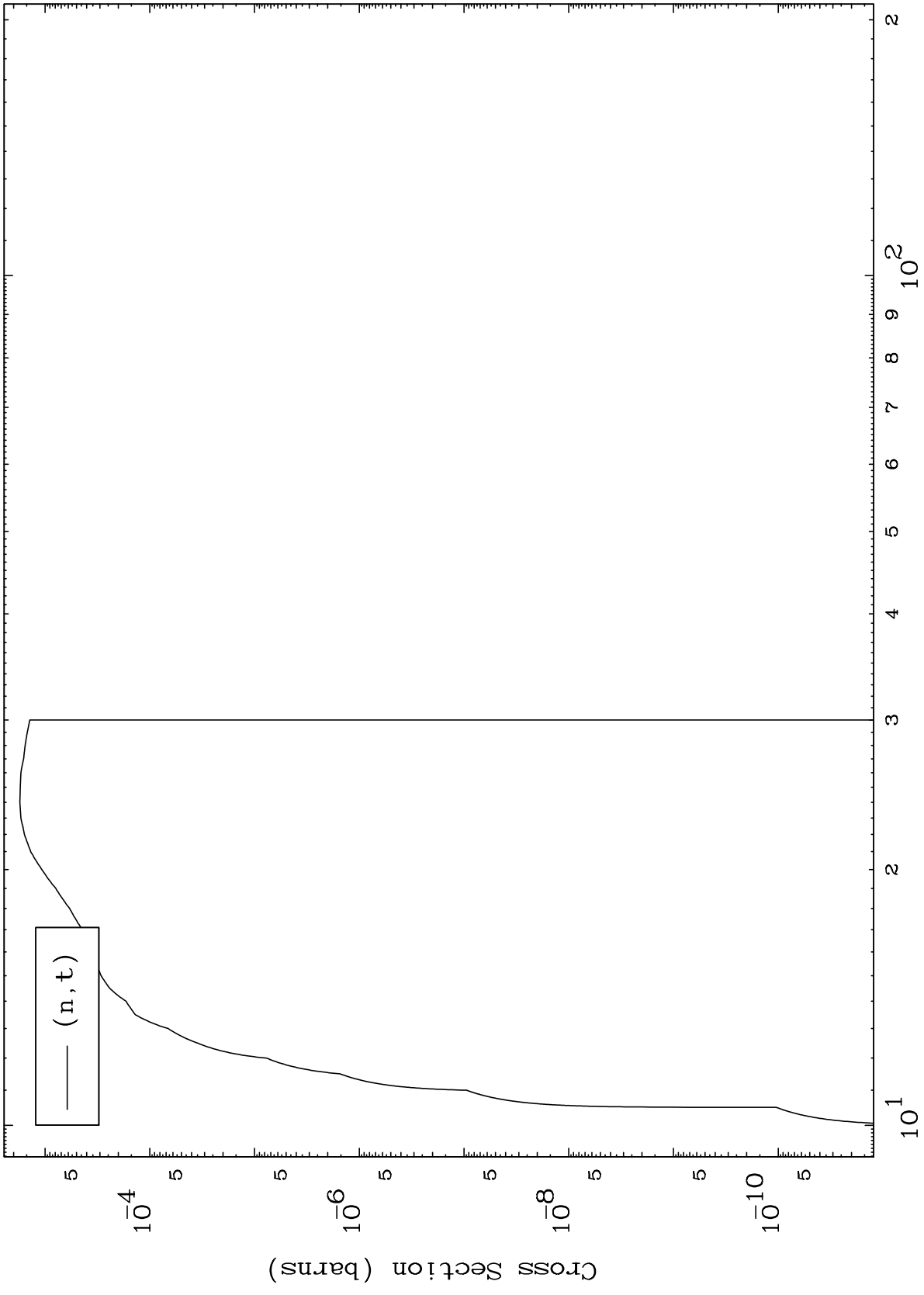
Incident Energy (MeV)

19-K -48

MAT 1952

(n,t) Levels
293 Kelvin Cross Sections

19-K -48



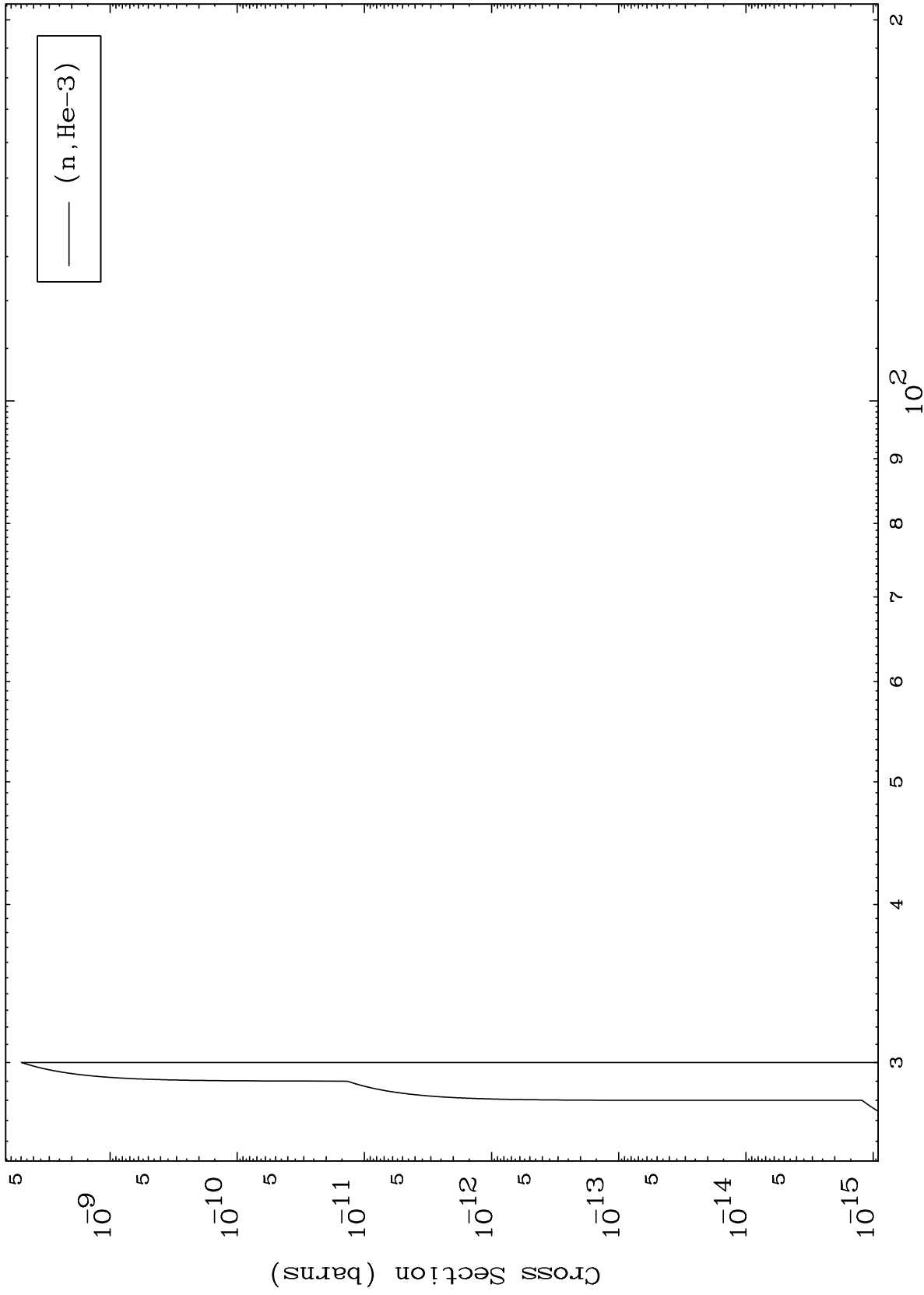
11

19-K -48

MAT 1952

(n,He3) Levels
293 Kelvin Cross Sections

19-K -48



12

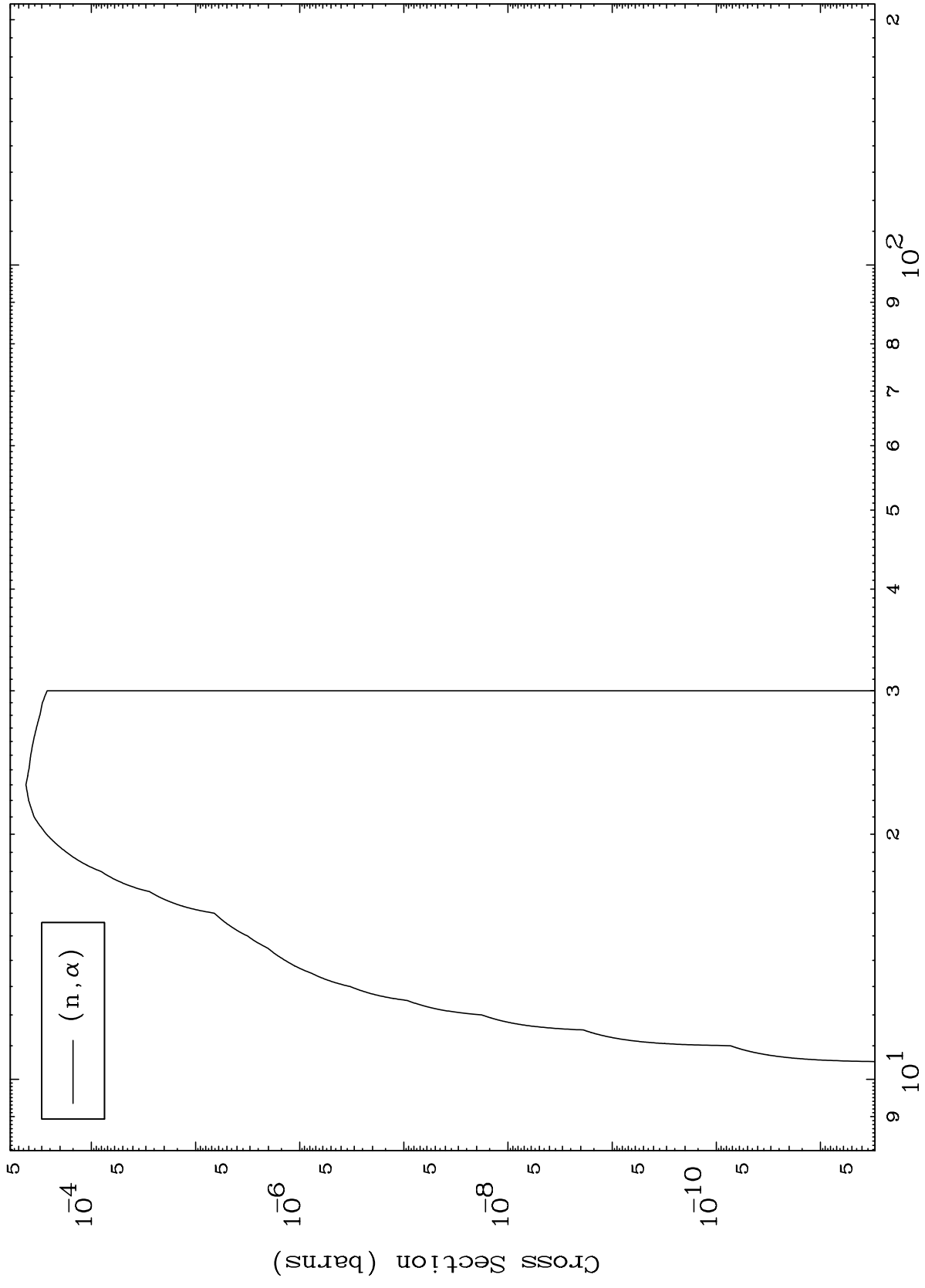
Incident Energy (MeV)

19-K -48

MAT 1952

(n,α) Levels
293 Kelvin Cross Sections

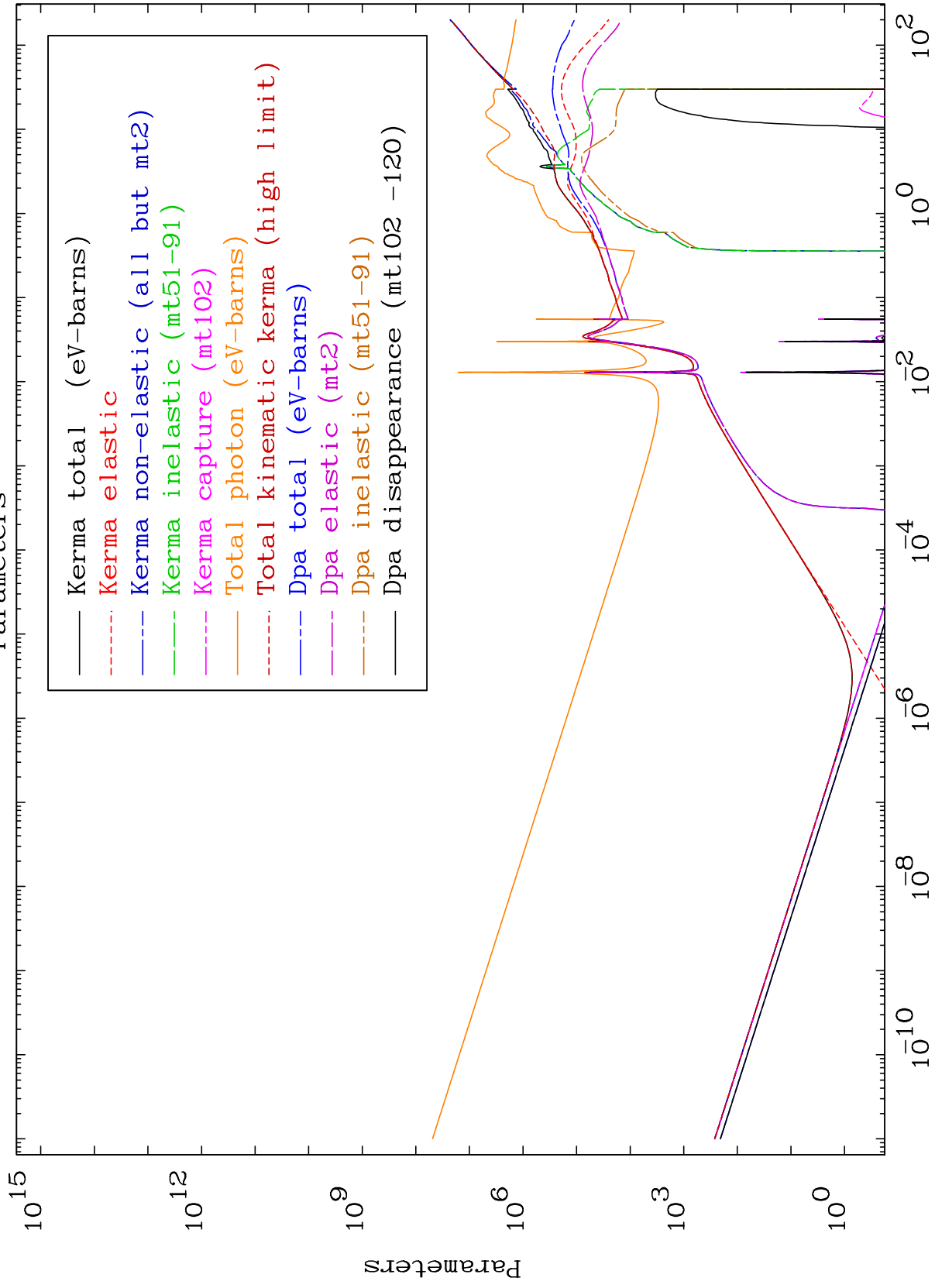
19-K -48



13

Incident Energy (MeV)

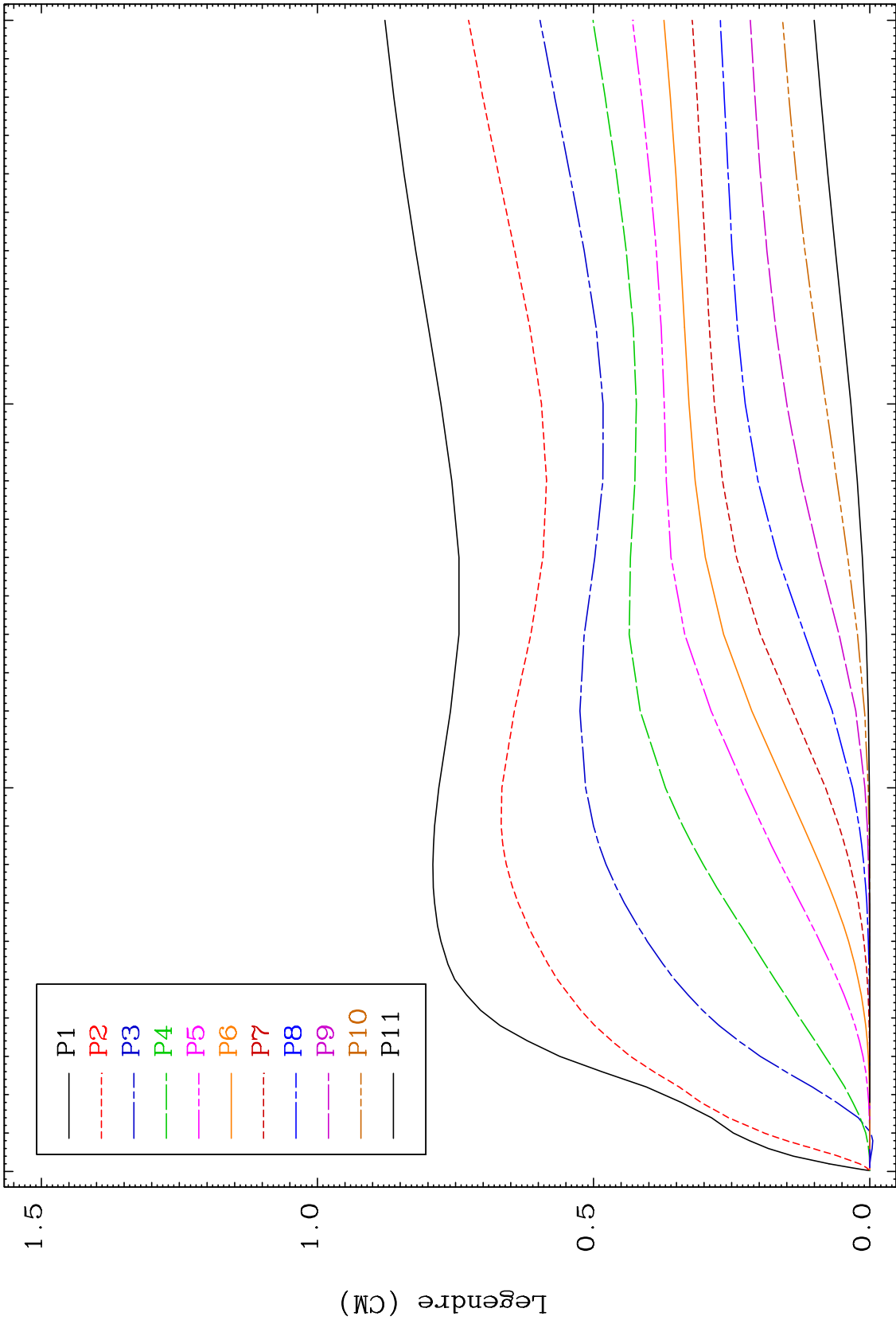
19-K -48



MAT 1952

Elastic Legendre Coefficients

19-K -48



15

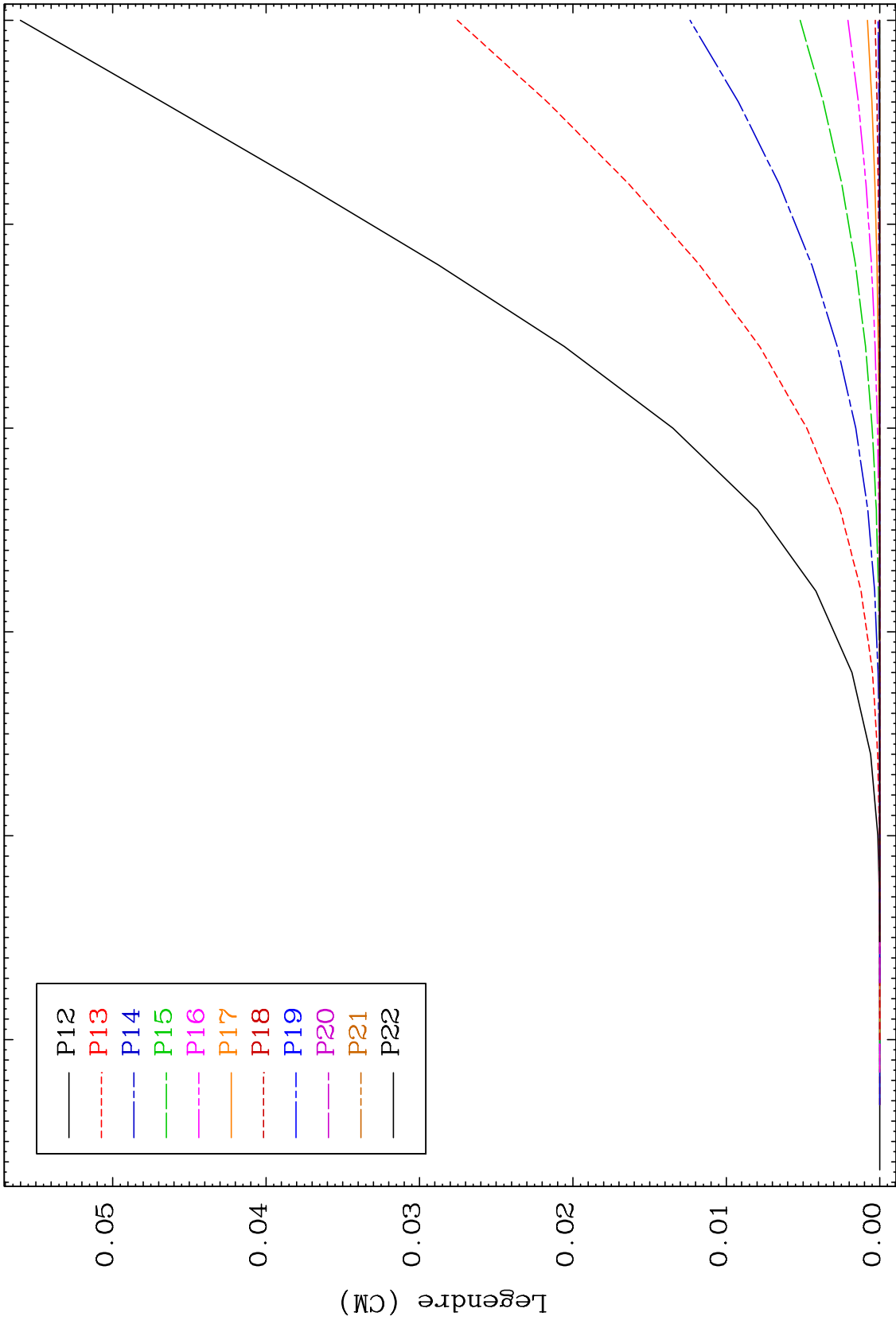
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30

MAT 1952

Elastic Legendre Coefficients

19-K -48



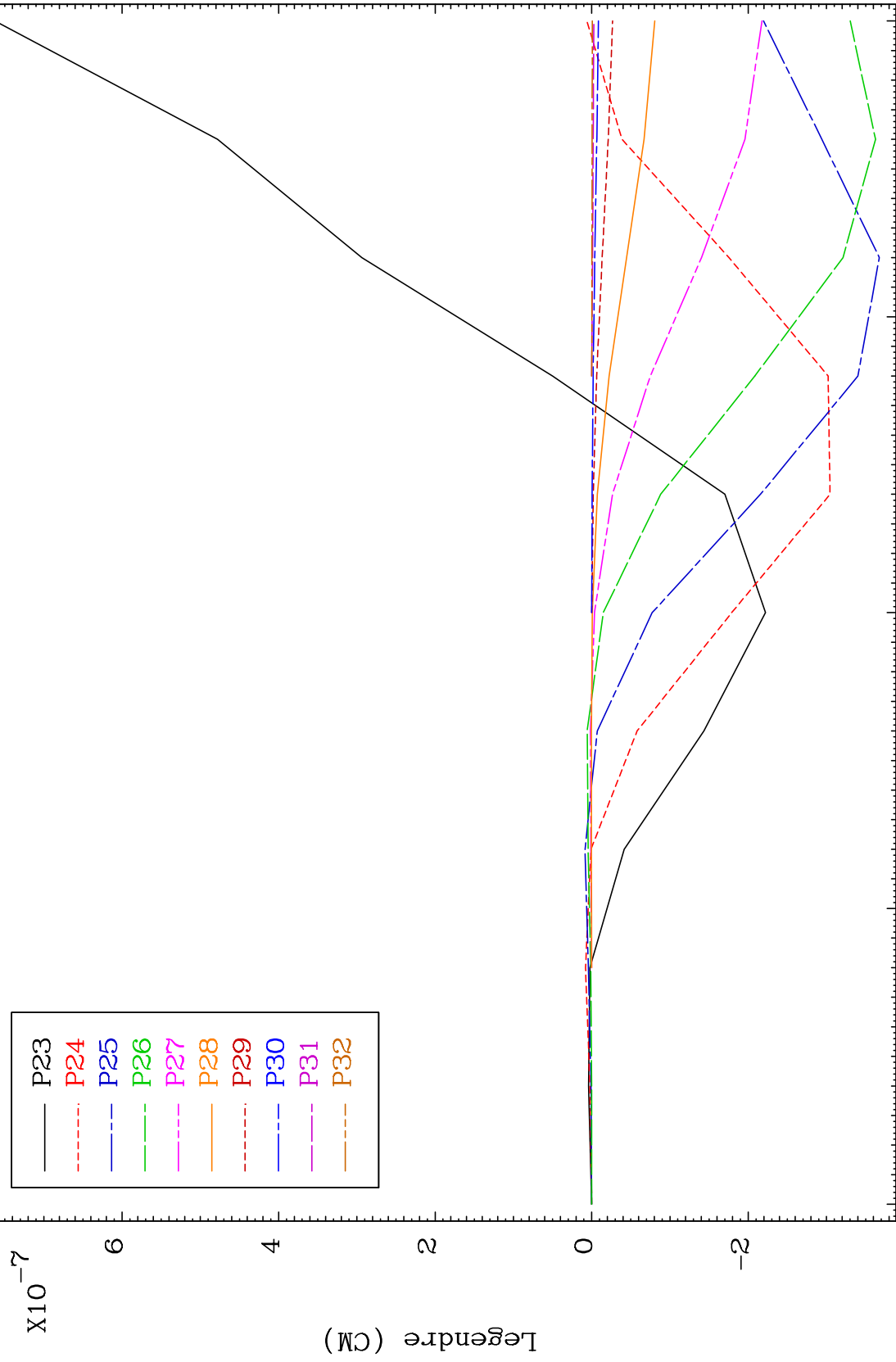
16

19-K -48

MAT 1952

Elastic Legendre Coefficients

19-K -48

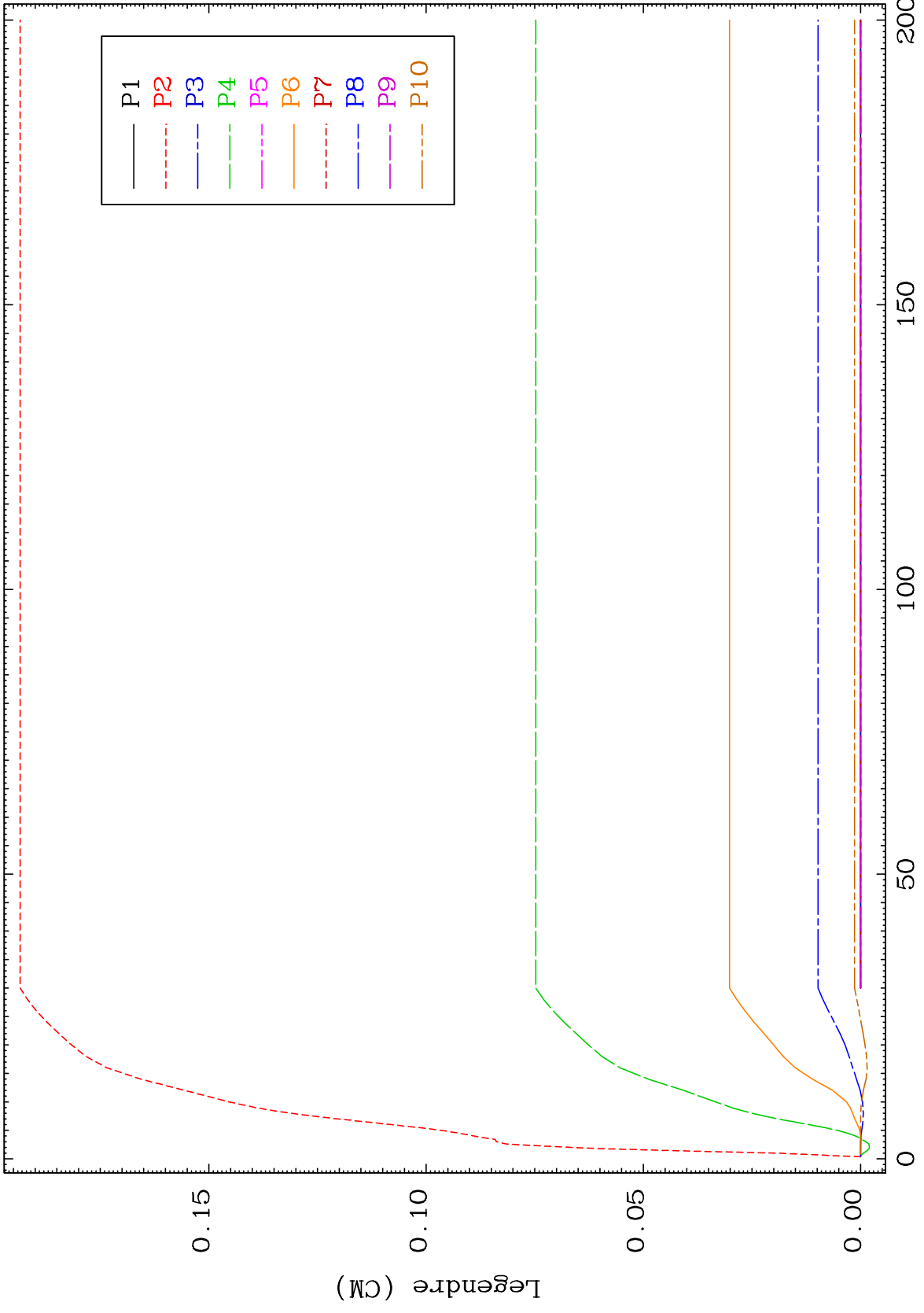


17

Incident Energy (MeV)

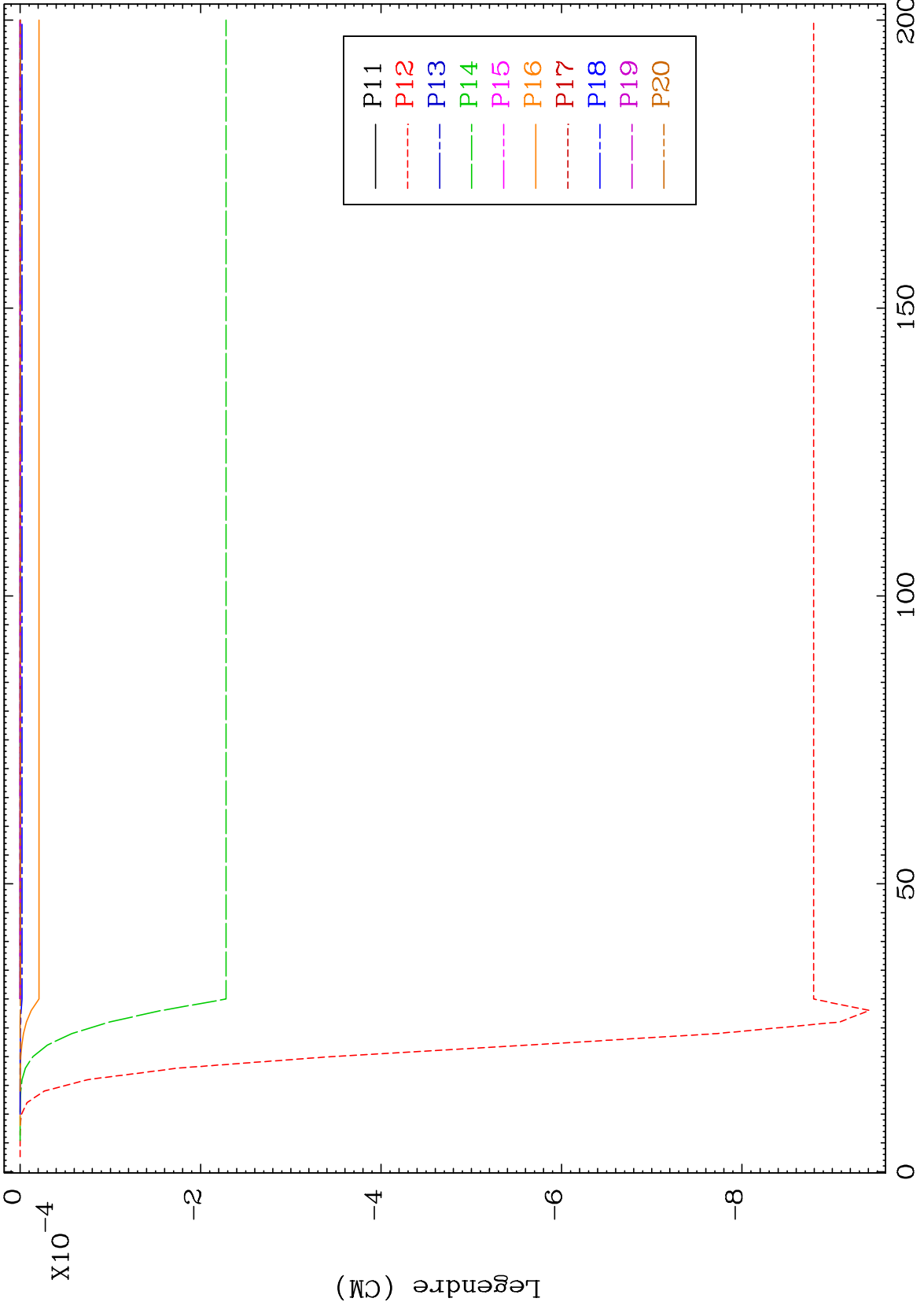
19-K -48

MAT 1952 MT= 51 (n,n') Level Legendre Coefficients 19-K -48



18 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 51 (n,n') Level Legendre Coefficients 19-K -48

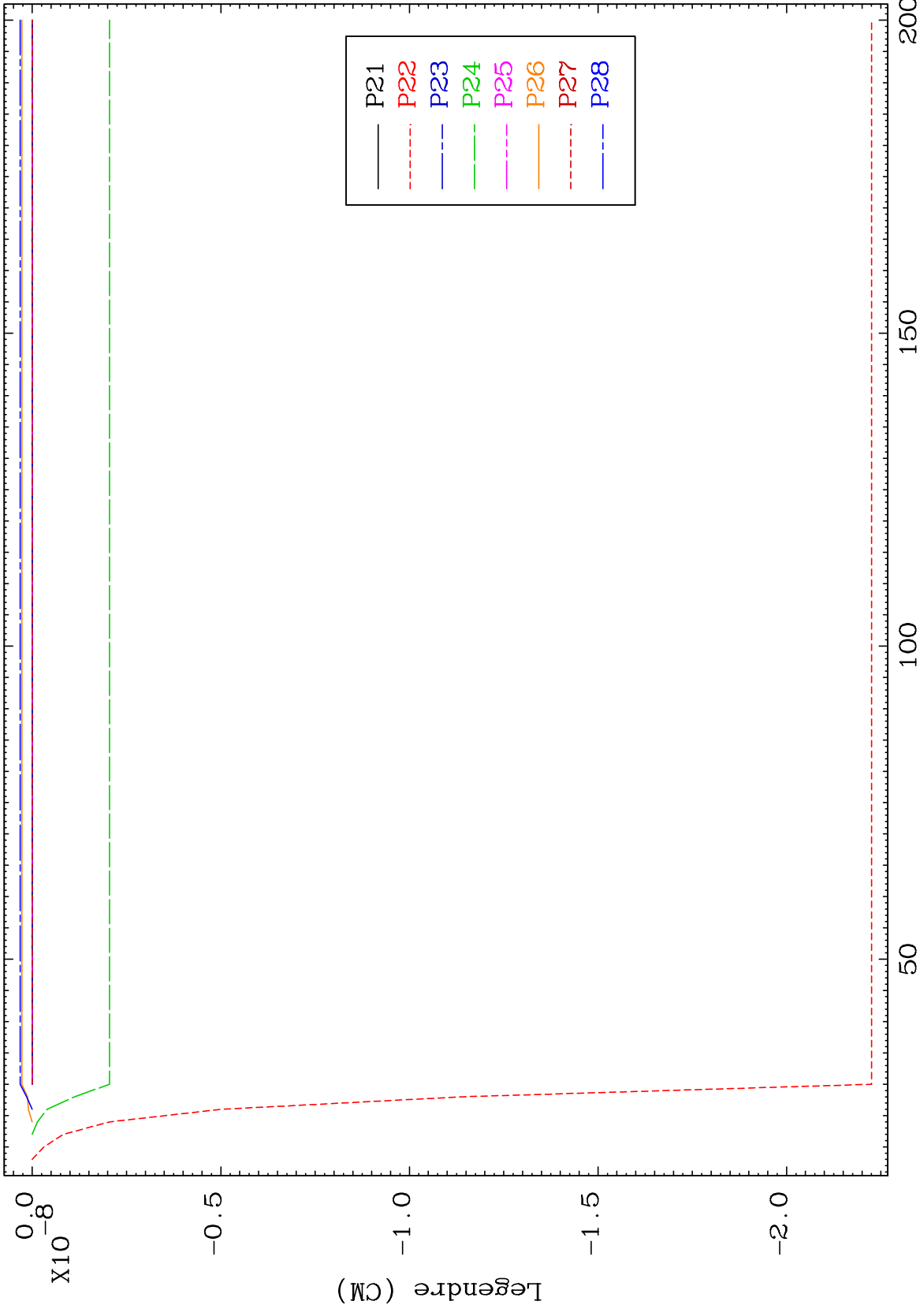


19 19-K -48

MAT 1952

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

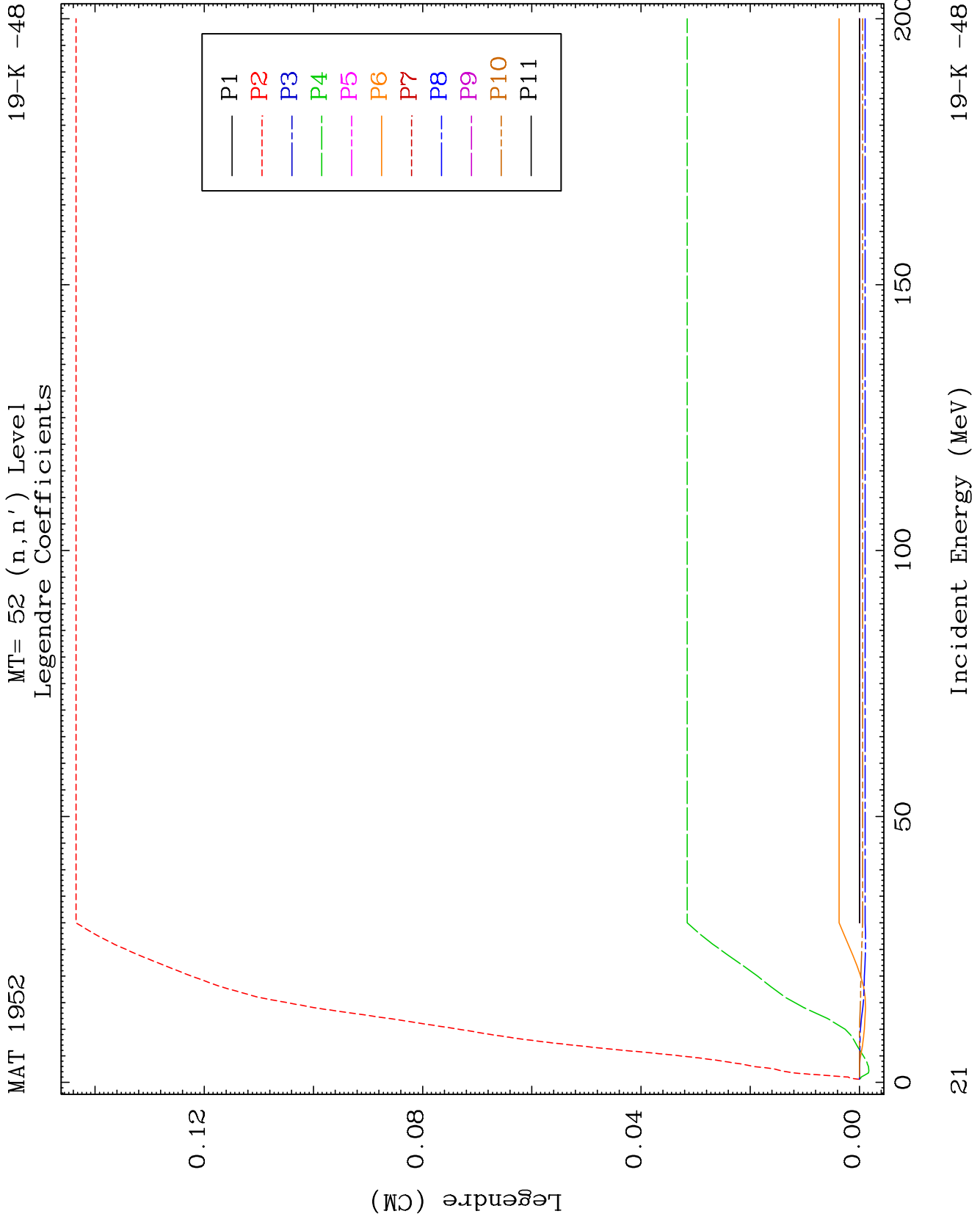
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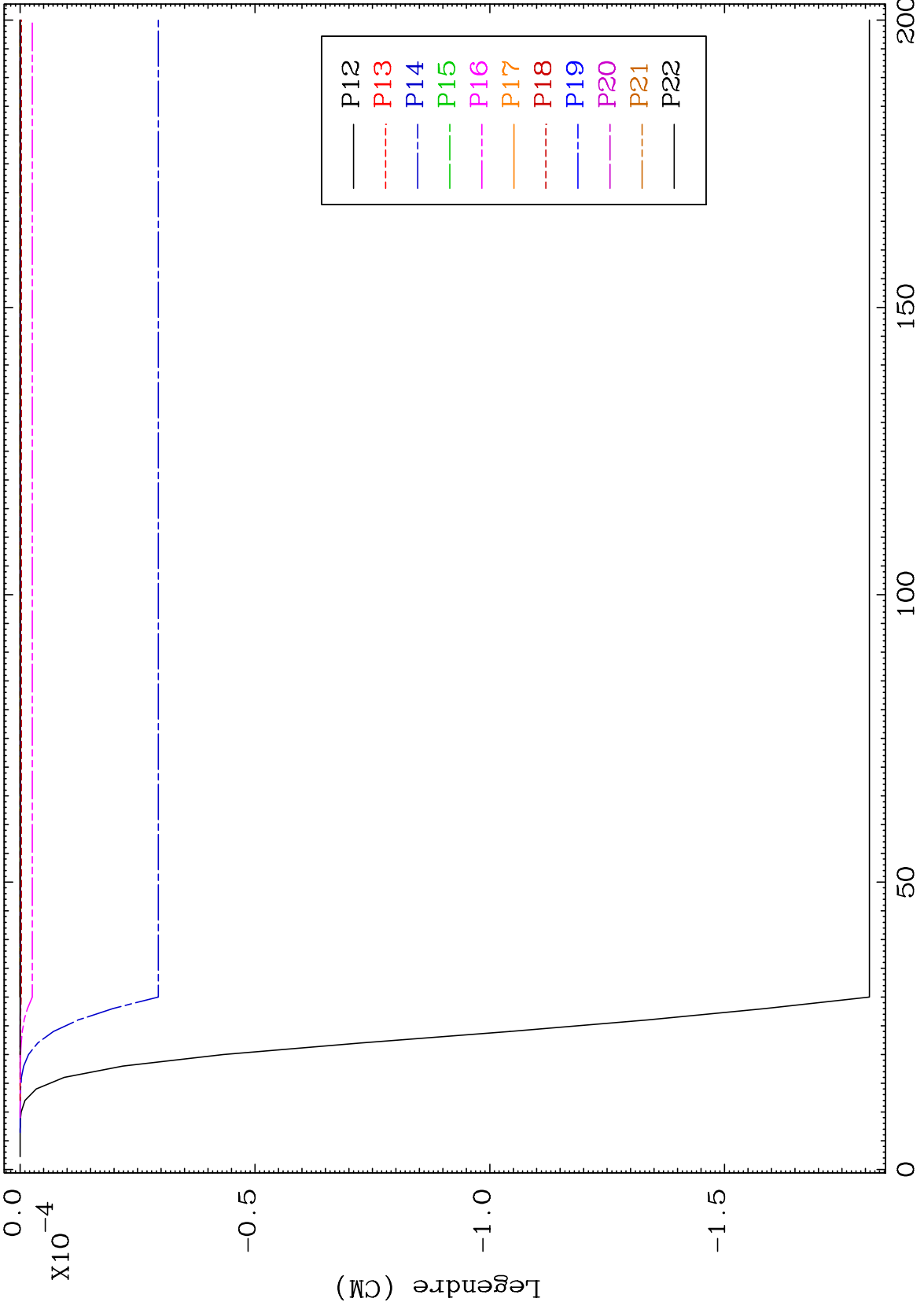
19-K -48

Incident Energy (MeV)

20



MAT 1952 MT= 52 (n,n') Level Legendre Coefficients 19-K -48

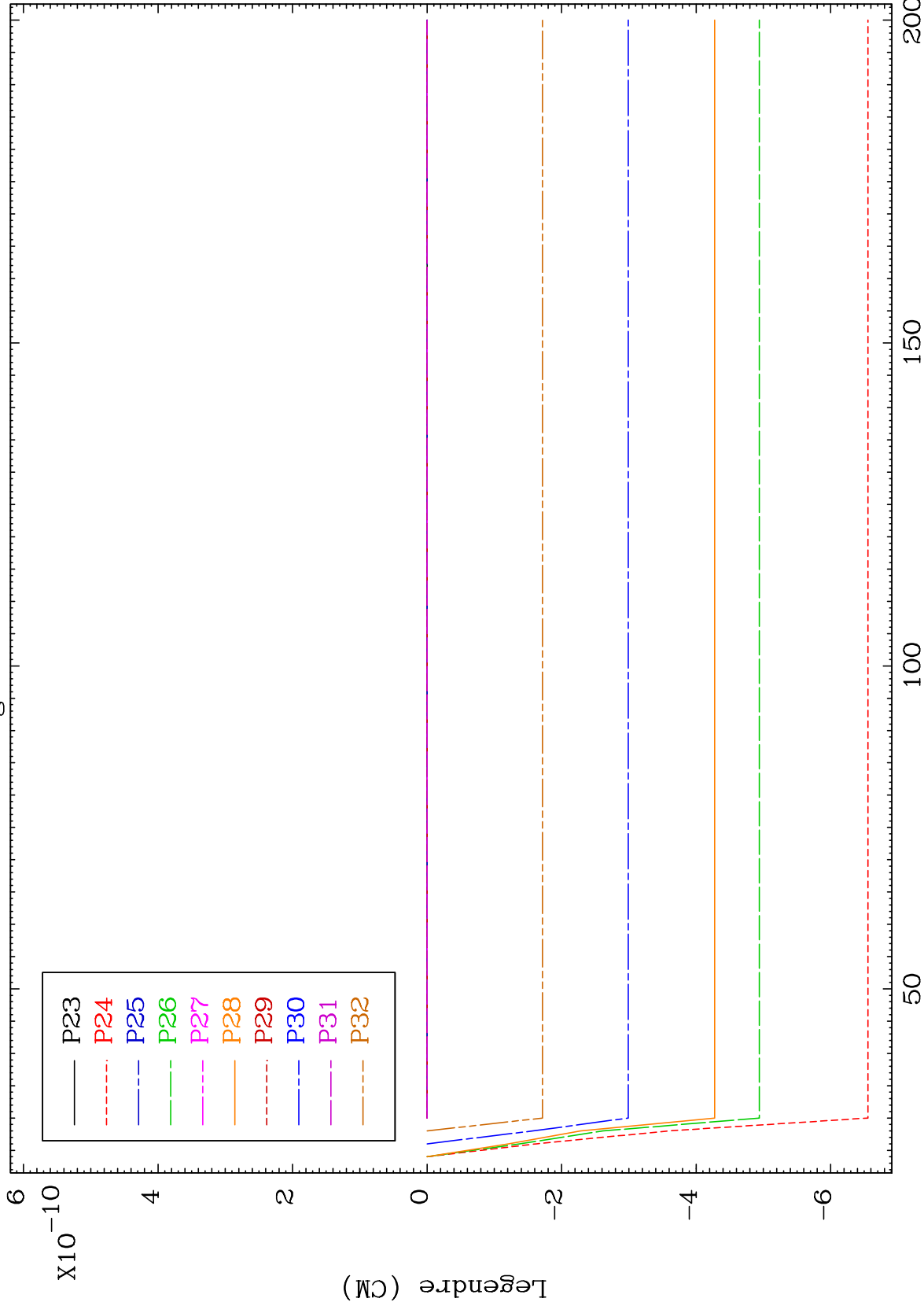


22 19-K -48

MAT 1952

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

19-K -48



19-K -48

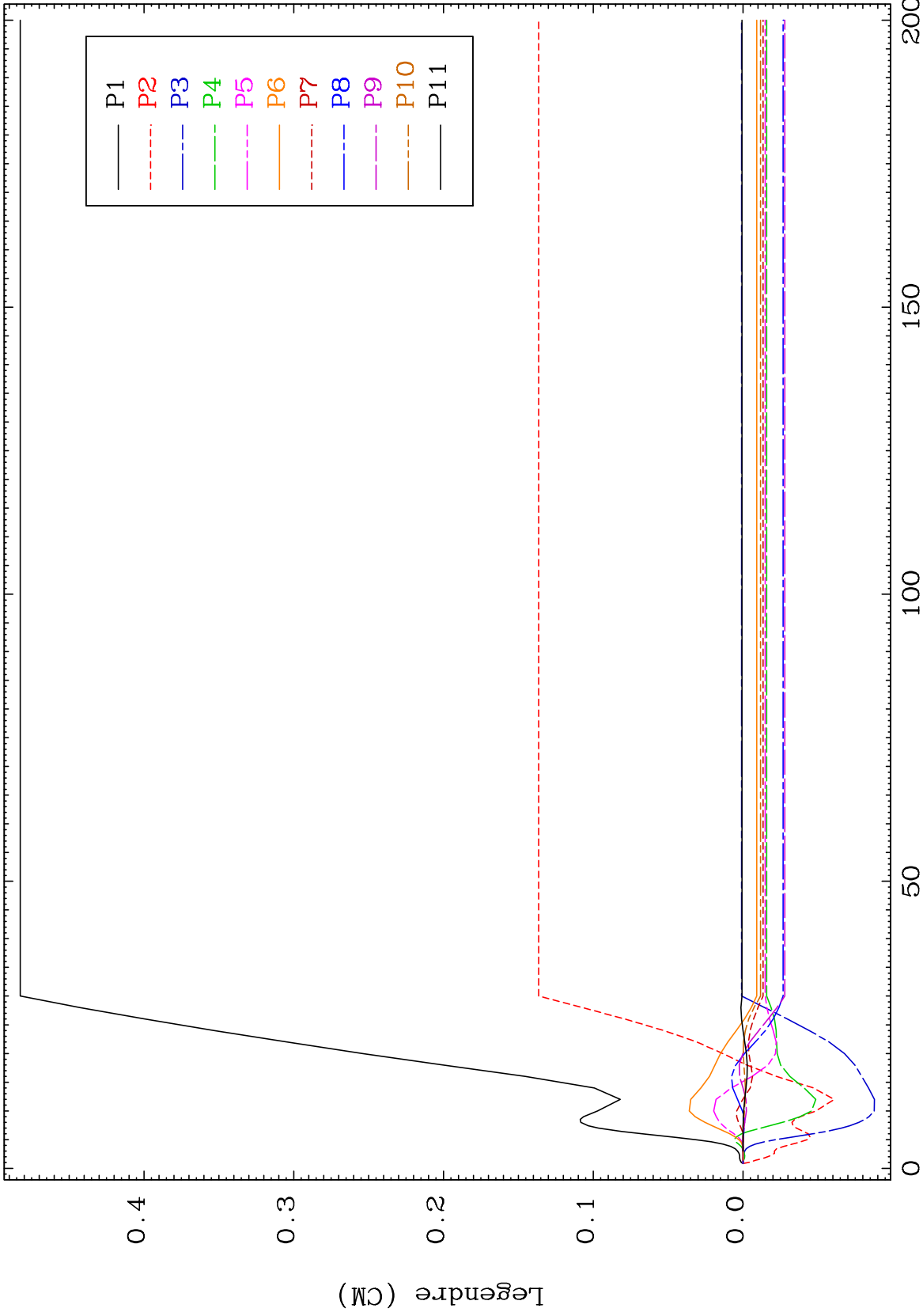
Incident Energy (MeV)

23

MAT 1952

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

19-K -48



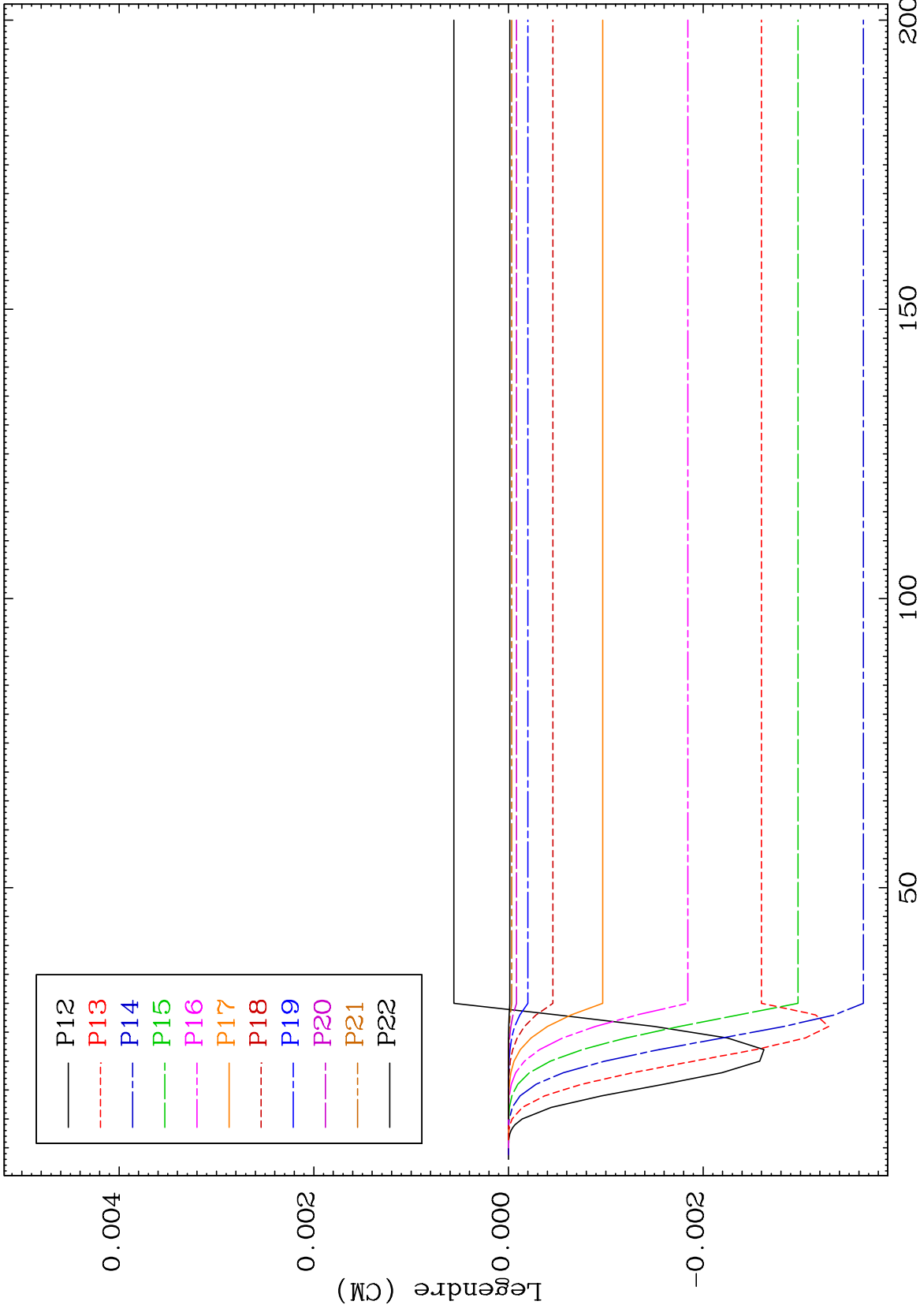
24

19-K -48

MAT 1952

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

19-K -48



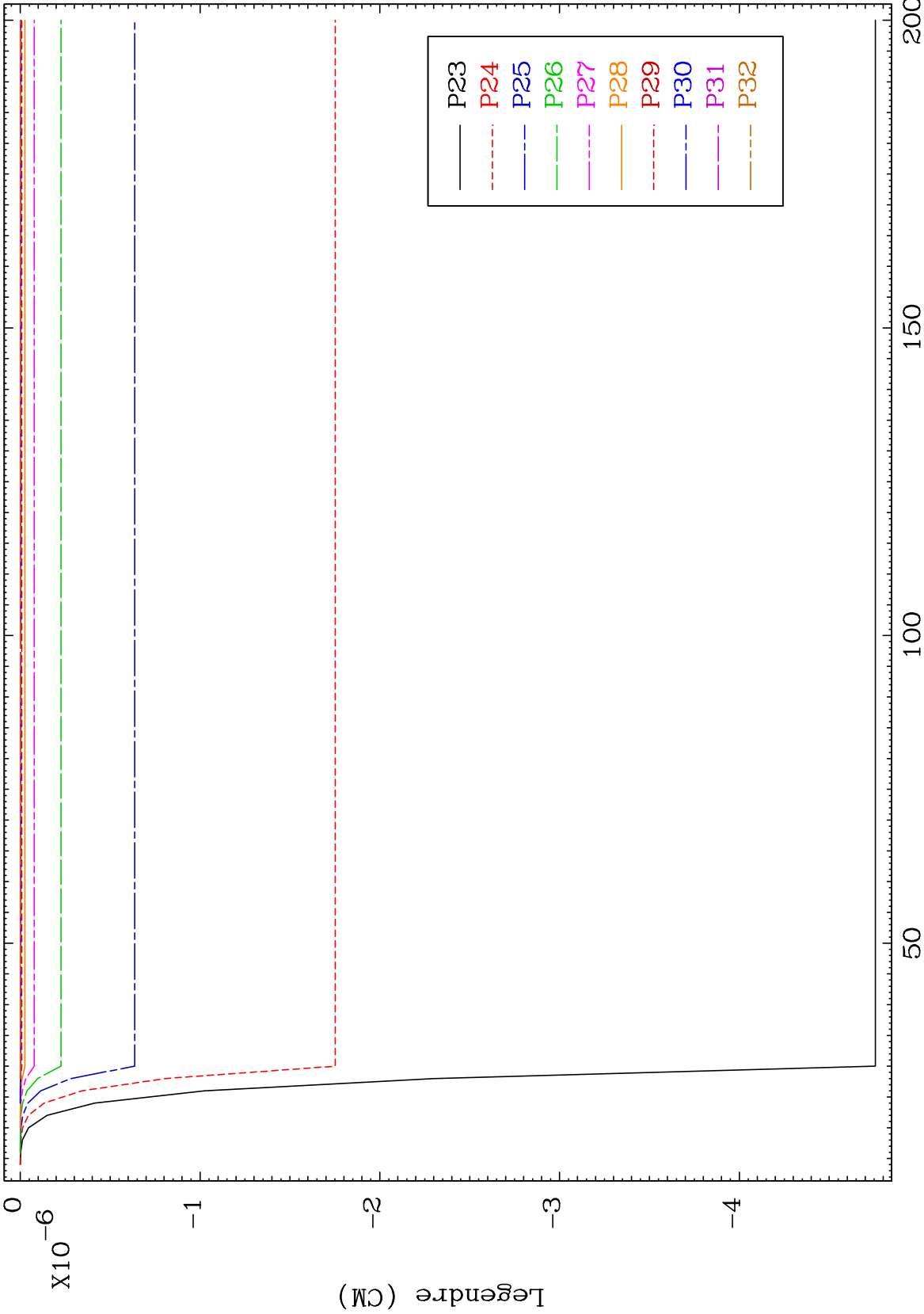
25

Incident Energy (MeV)

19-K -48

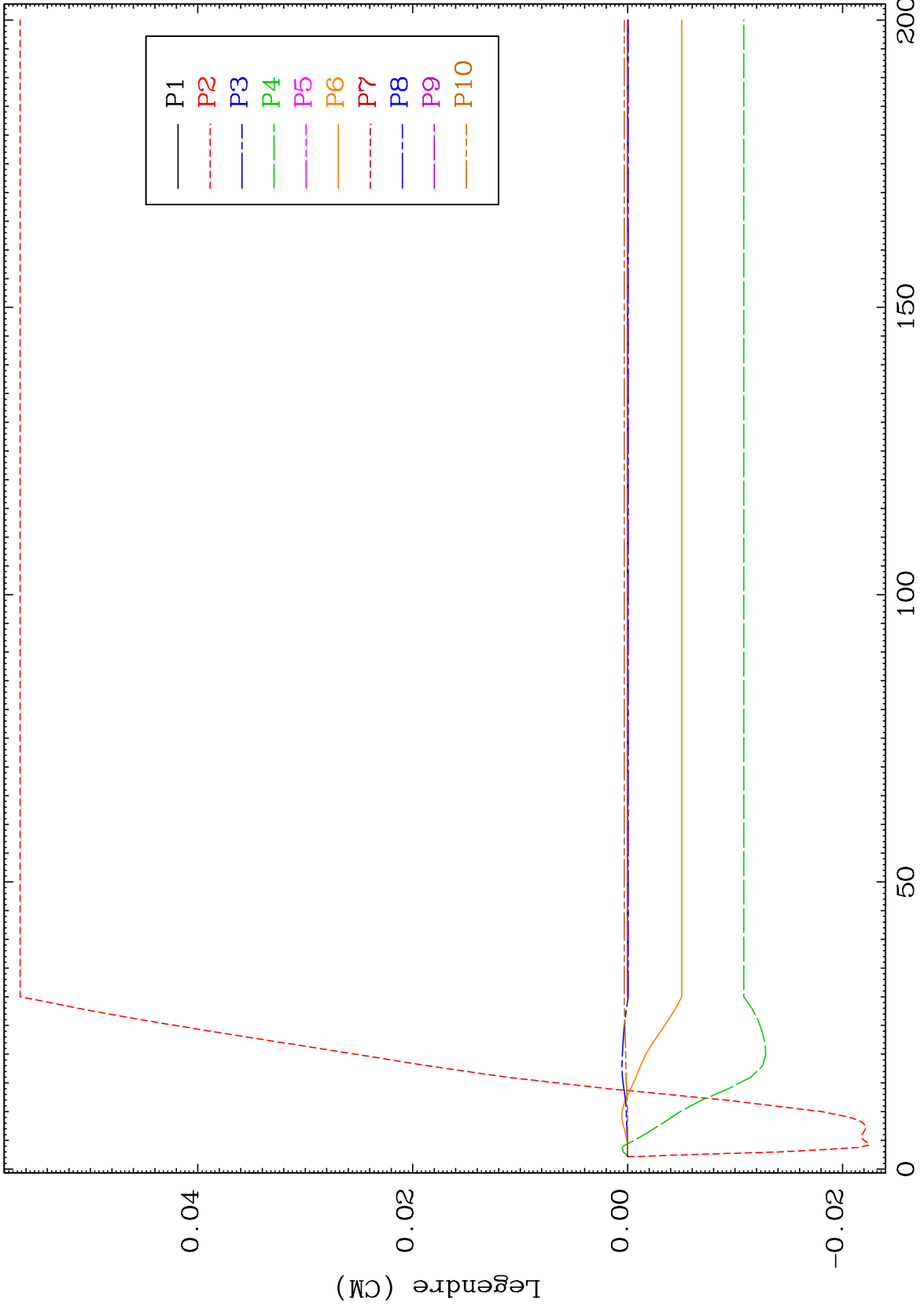
MAT 1952 MT= 53 (n,n') Level 19-K -48

Legendre Coefficients



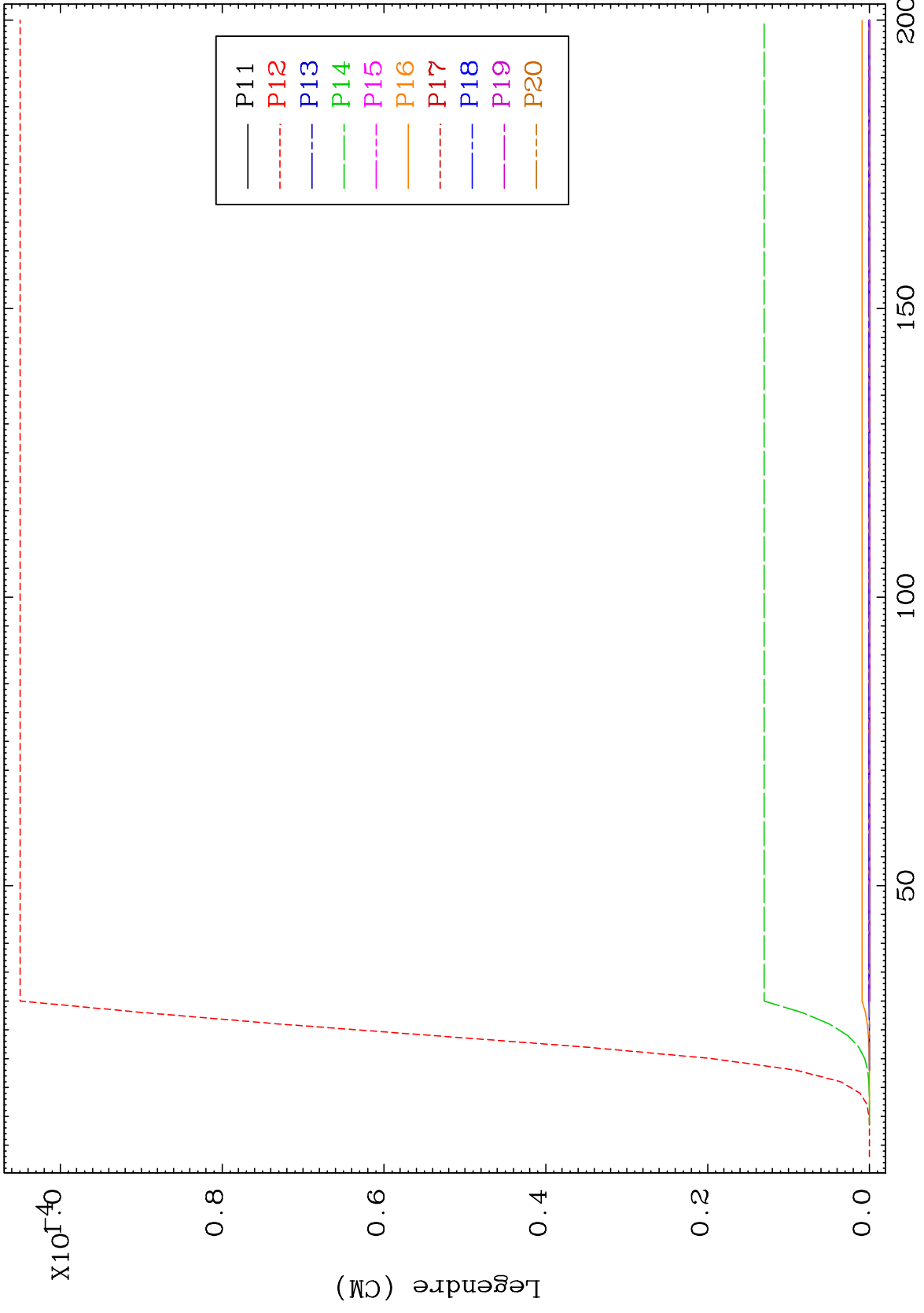
26 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 54 (n,n') Level Legendre Coefficients 19-K -48



27 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 54 (n,n') Level Legendre Coefficients 19-K -48

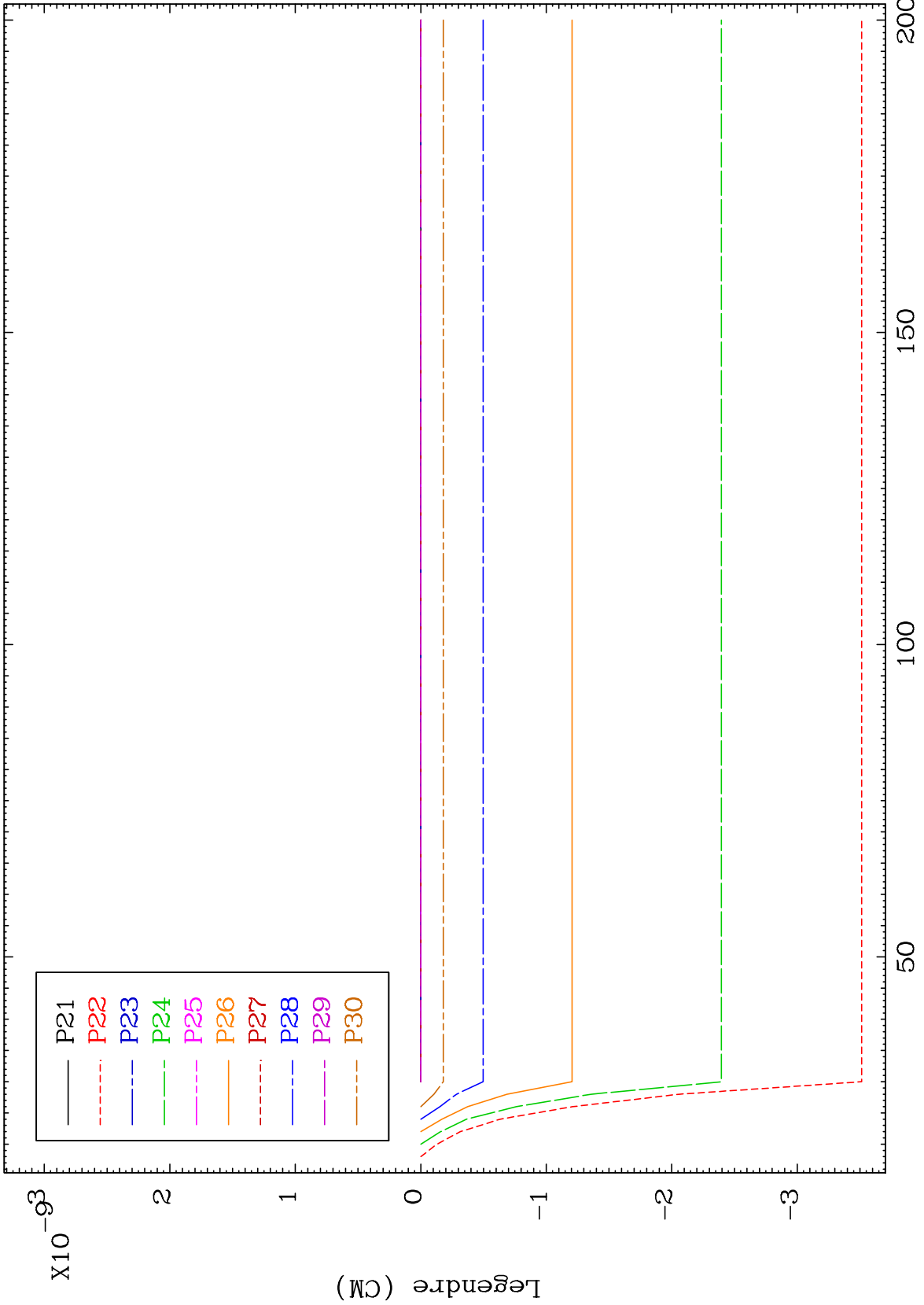


28 19-K -48

MAT 1952

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

19-K -48

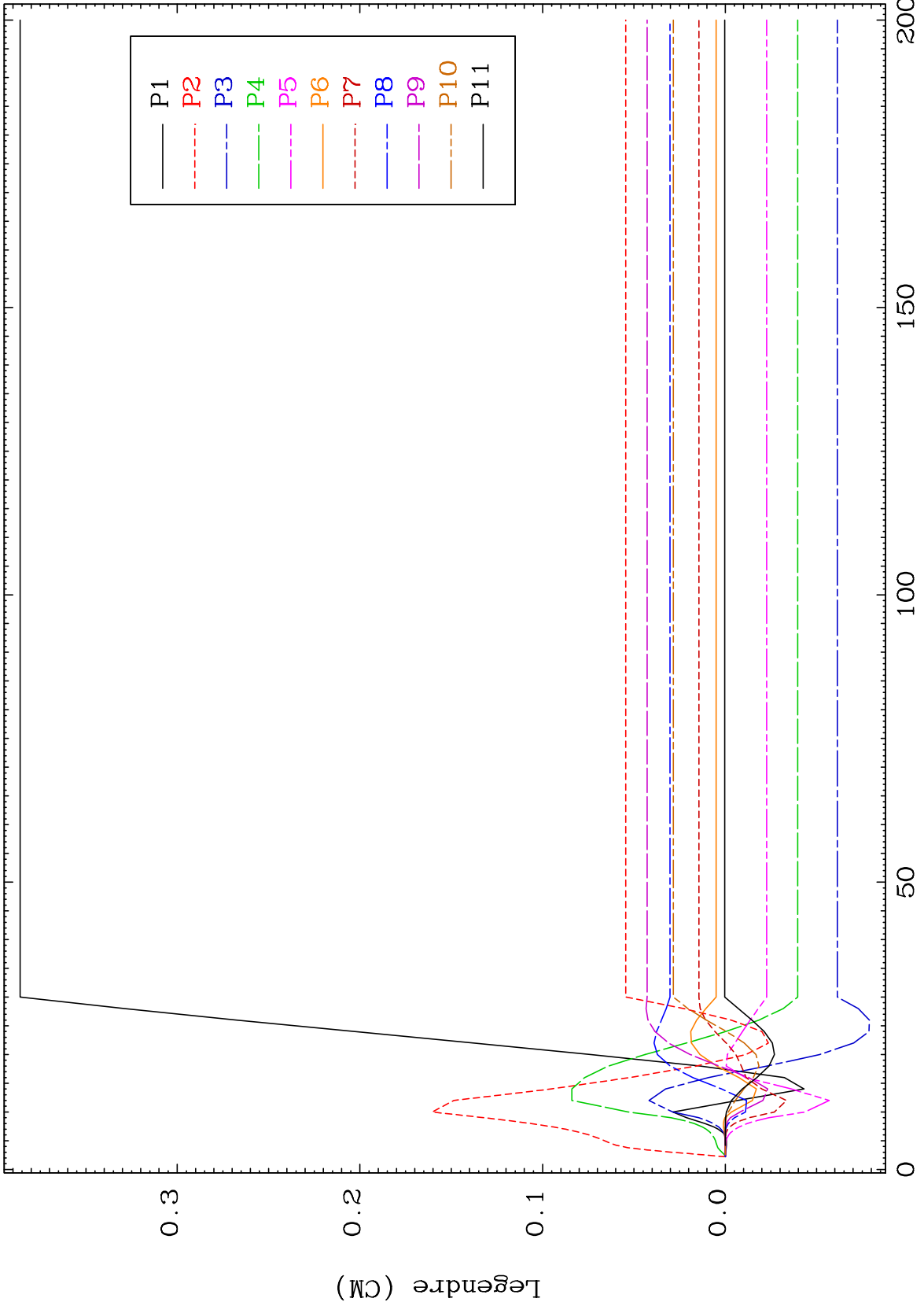


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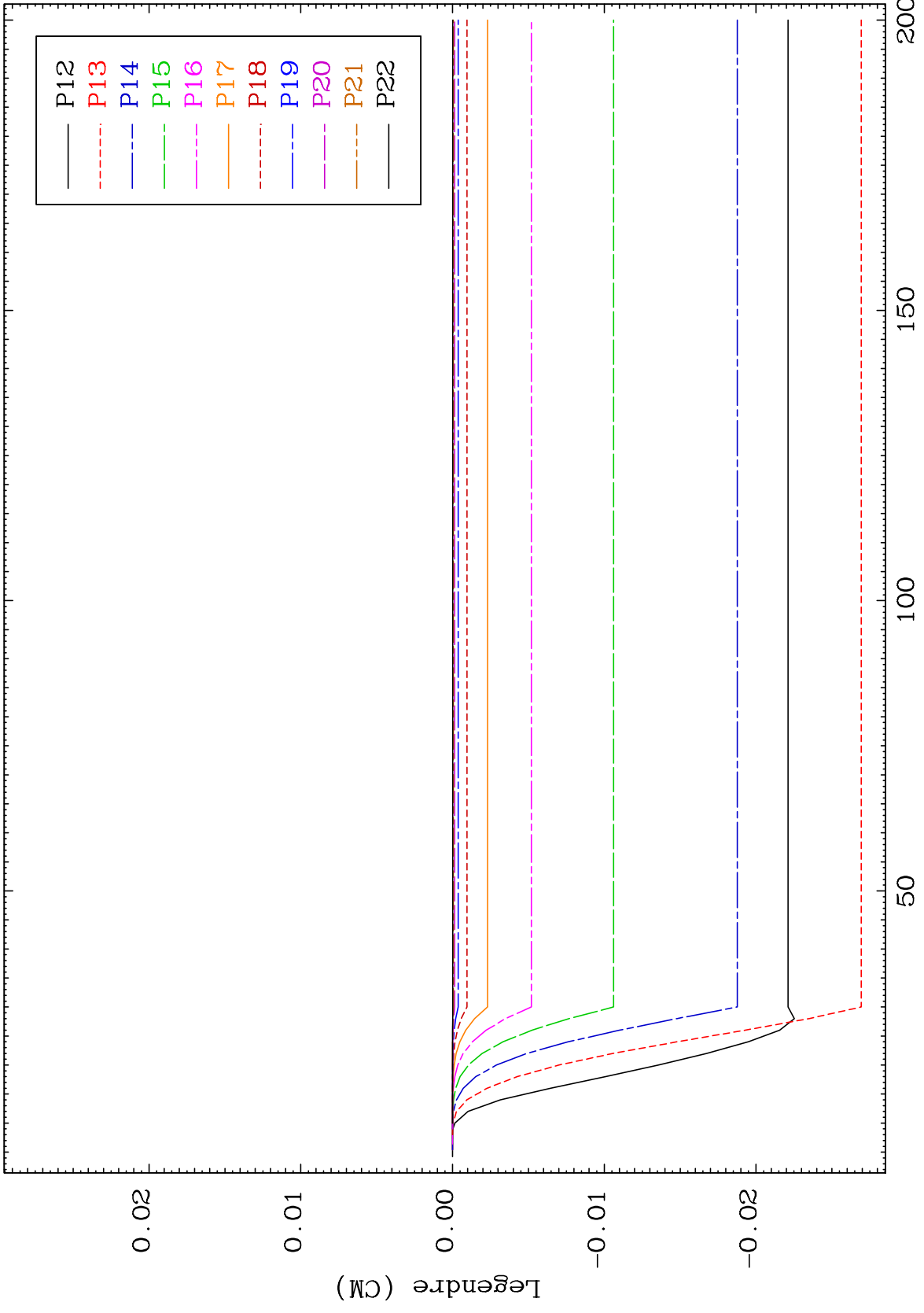
Incident Energy (MeV)

19-K -48

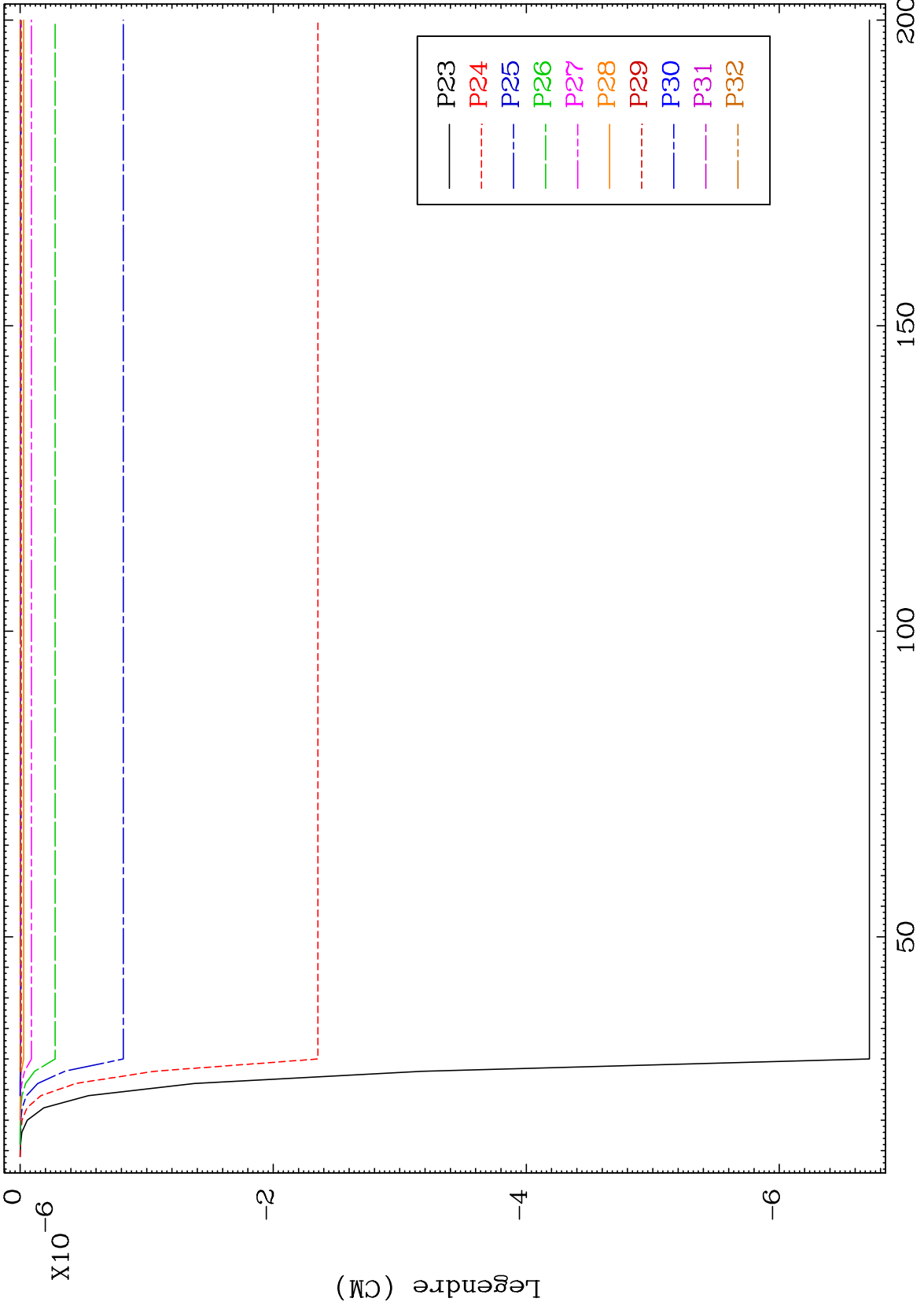
MAT 1952 MT= 55 (n,n') Level Legendre Coefficients 19-K -48



30 Incident Energy (MeV) 19-K -48

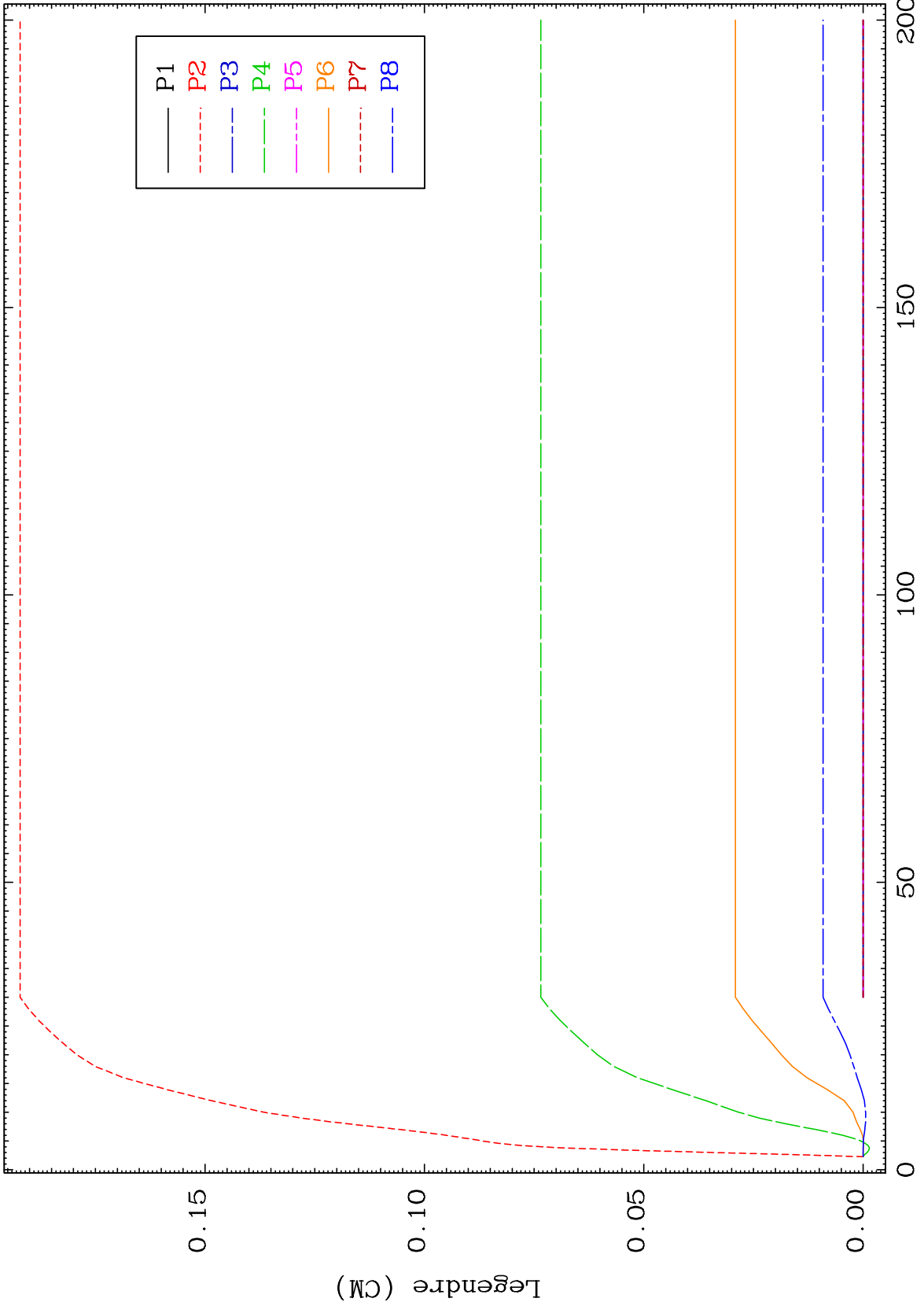


MAT 1952 MT= 55 (n,n') Level Legendre Coefficients 19-K -48



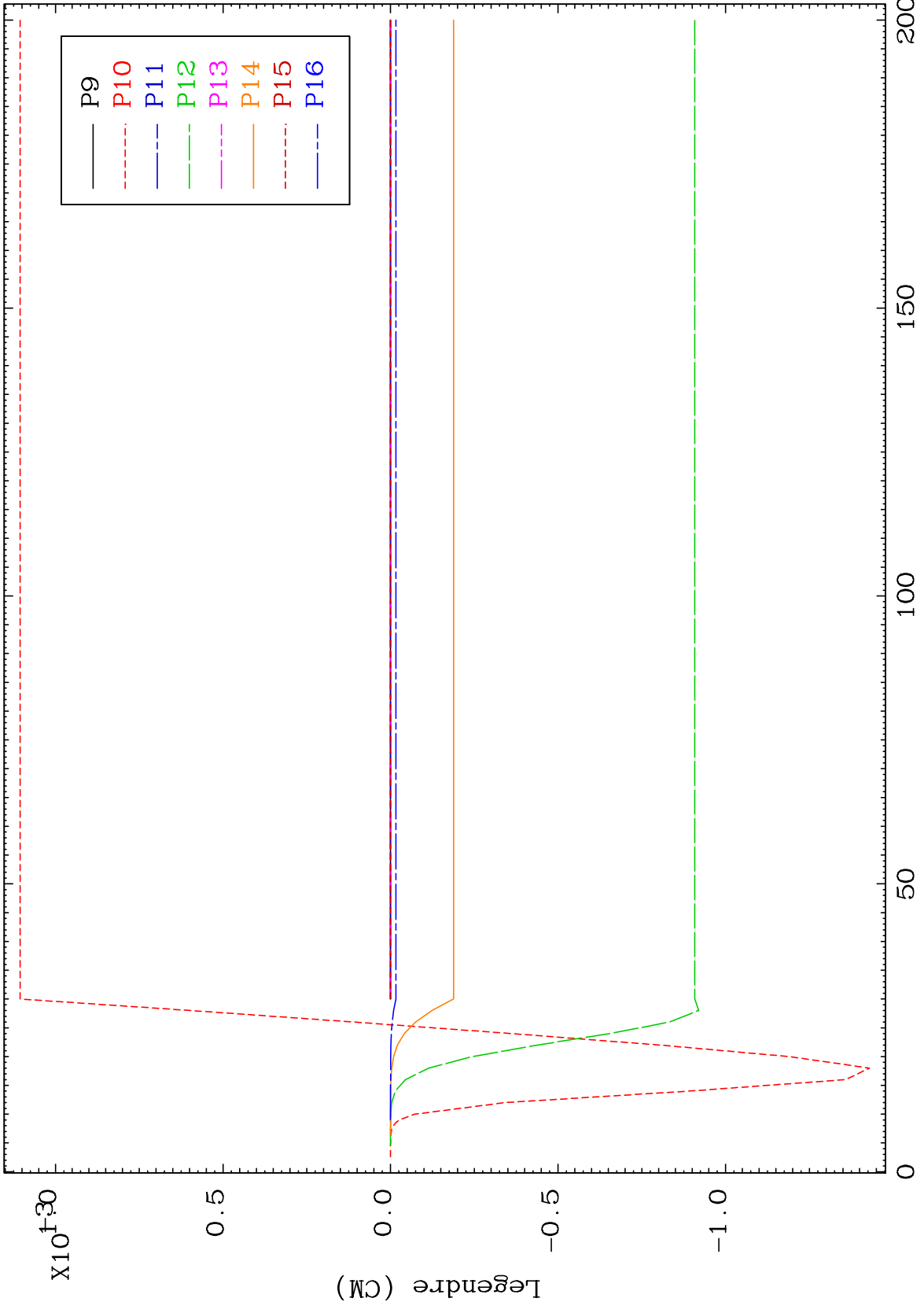
32 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 56 (n,n') Level Legendre Coefficients 19-K -48



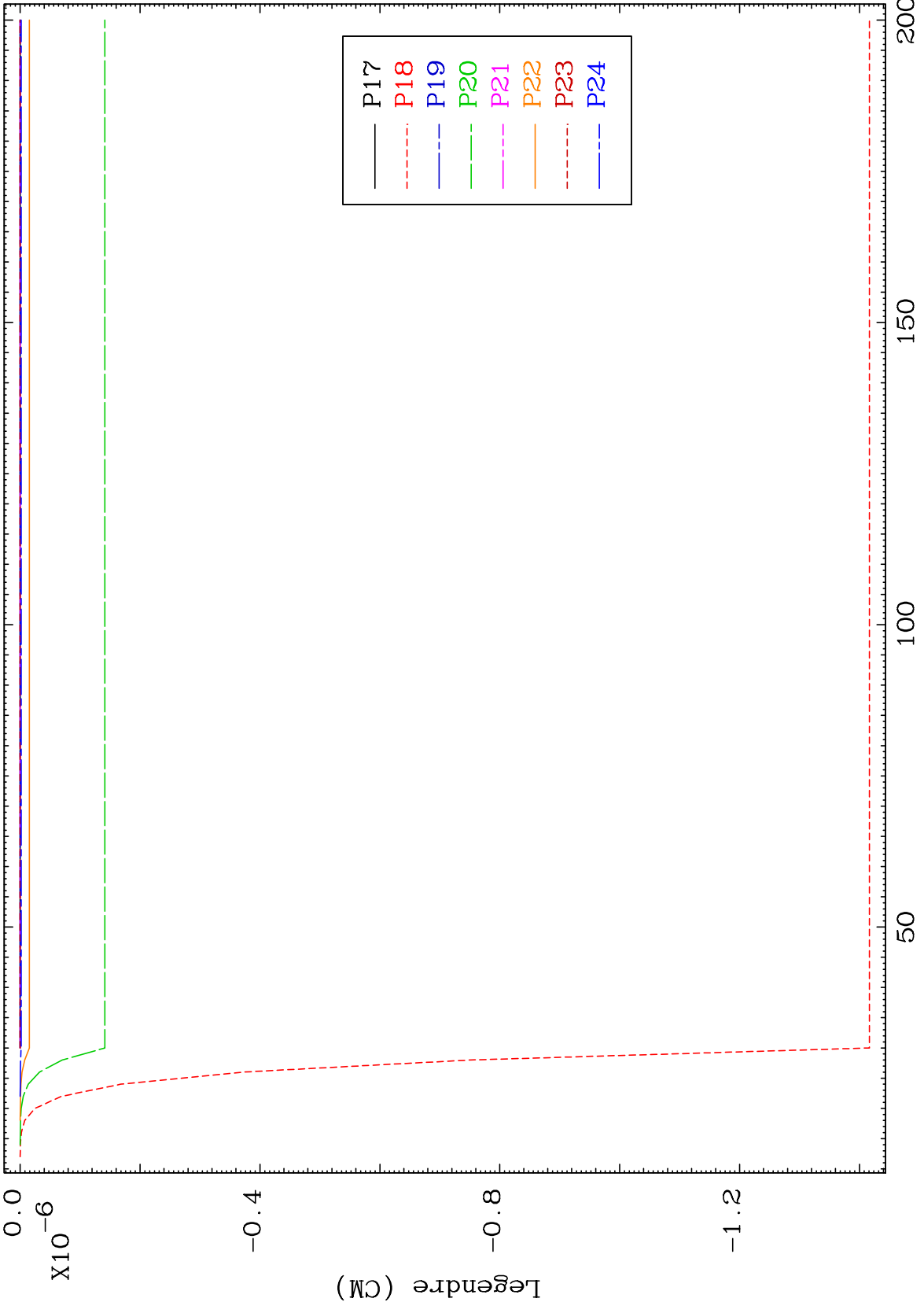
33 19-K -48

MAT 1952 MT= 56 (n,n') Level Legendre Coefficients 19-K -48



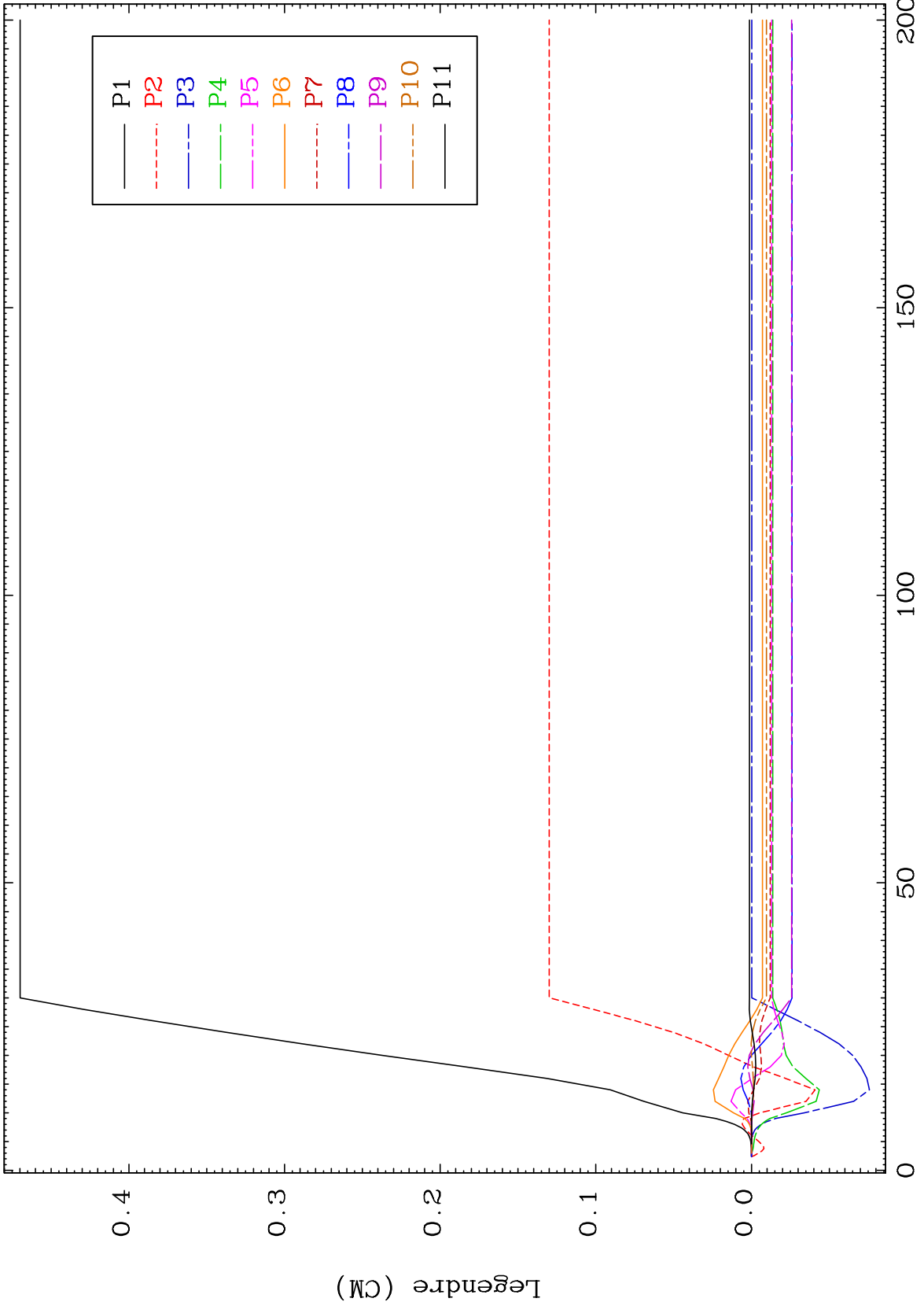
34 19-K -48

MAT 1952 MT= 56 (n,n') Level Legendre Coefficients 19-K -48



35 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 57 (n,n') Level Legendre Coefficients 19-K -48

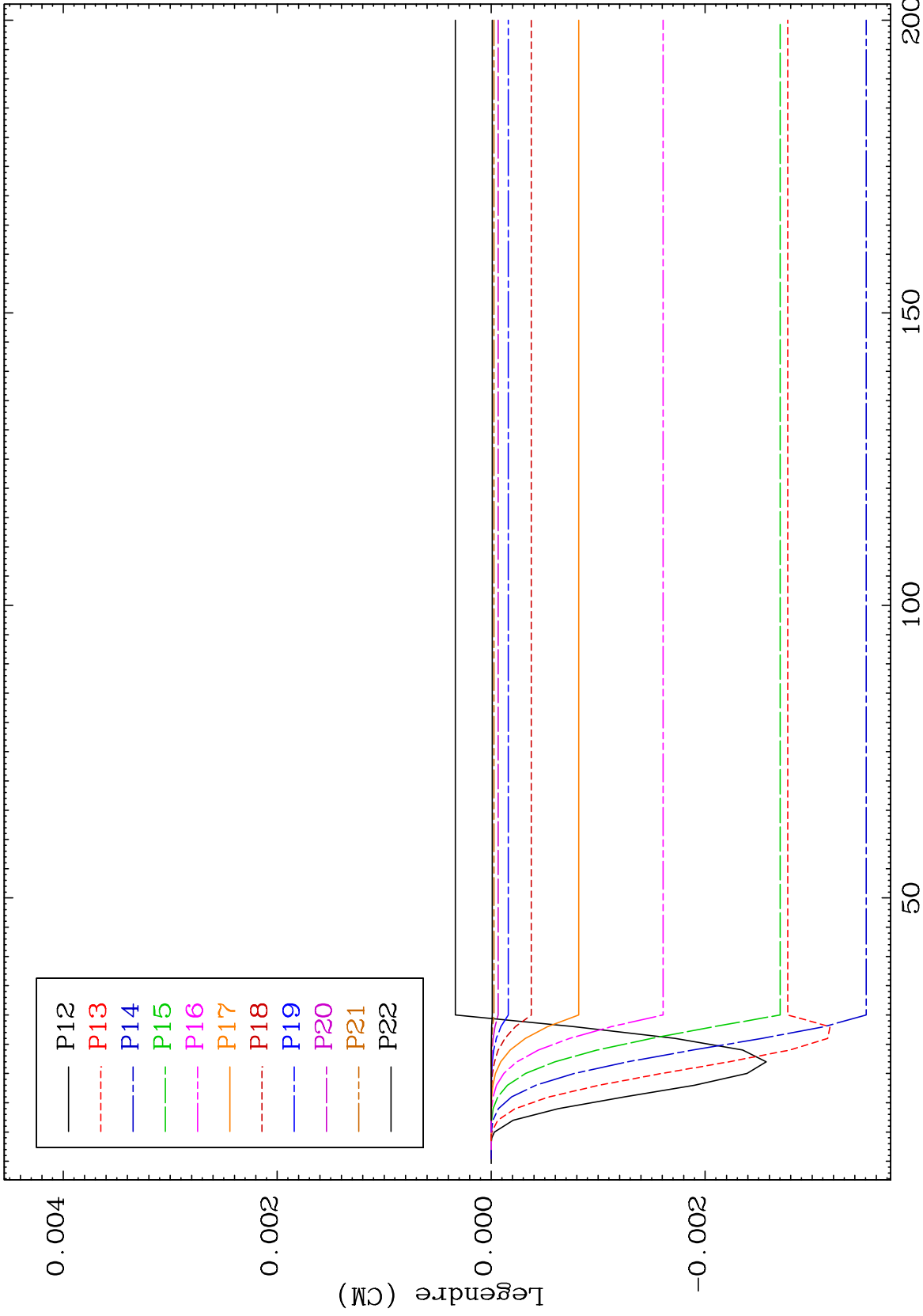


36 Incident Energy (MeV) 19-K -48

MAT 1952

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

19-K -48

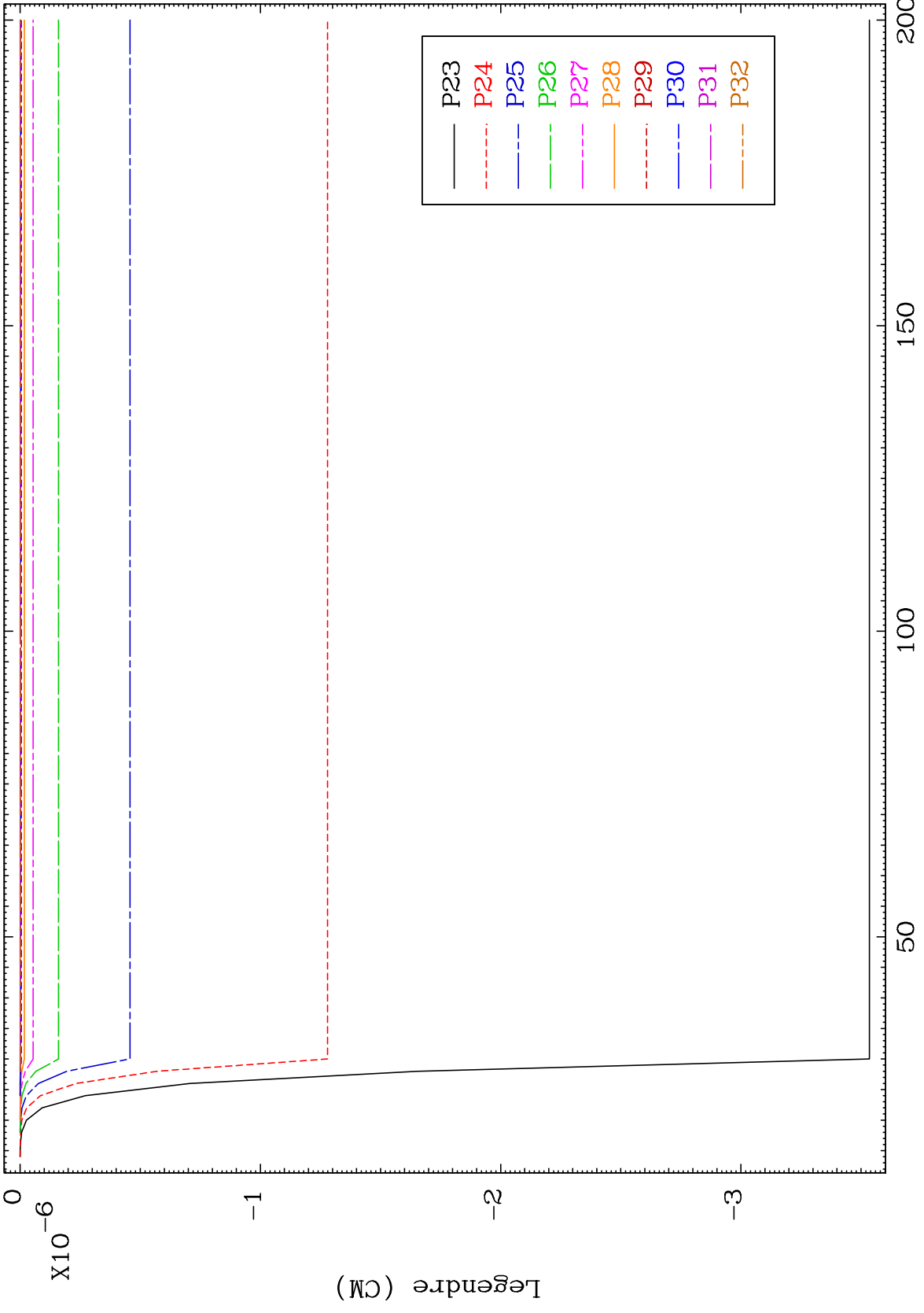


37

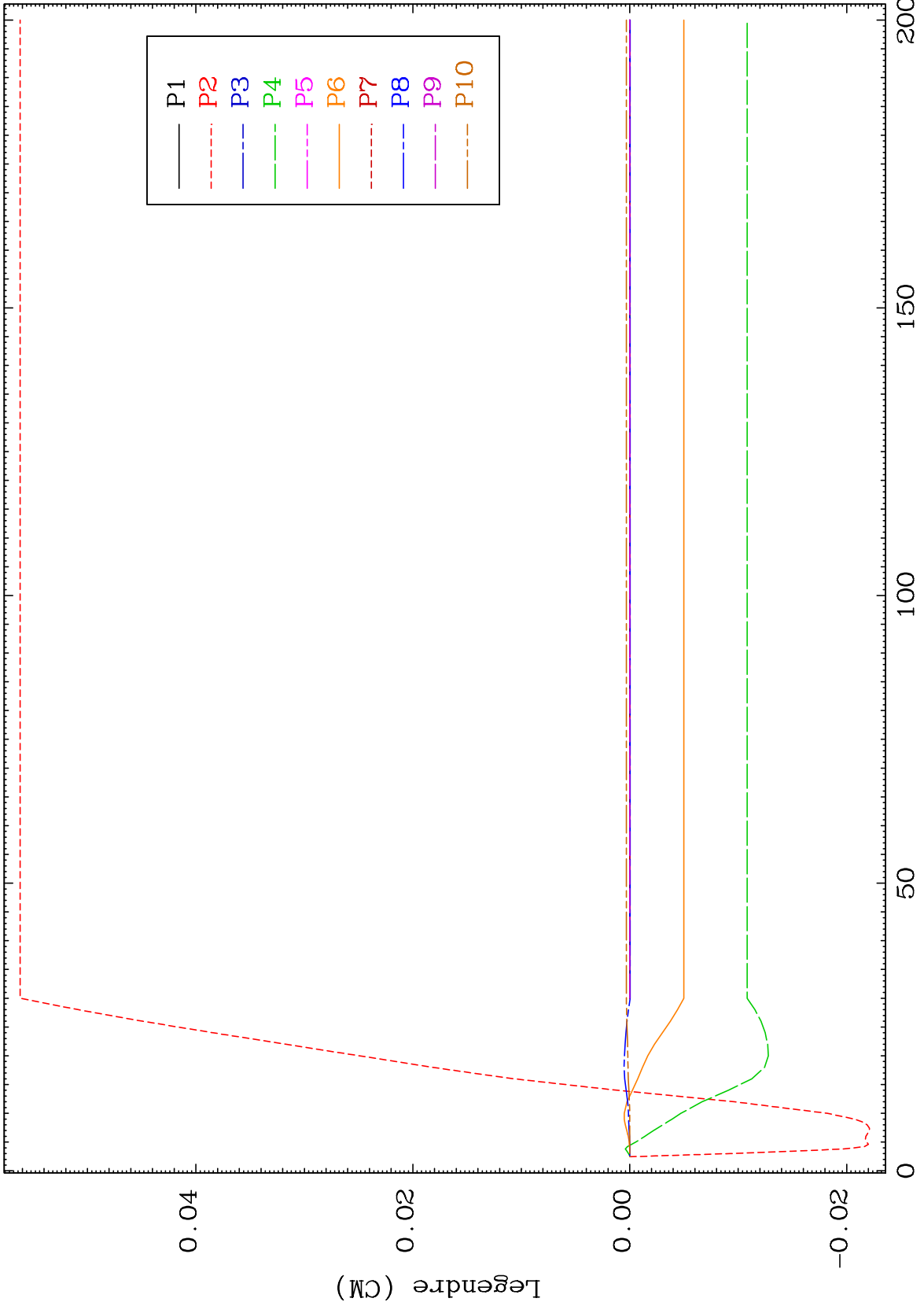
Incident Energy (MeV)

19-K -48

MAT 1952 MT= 57 (n,n') Level Legendre Coefficients 19-K -48

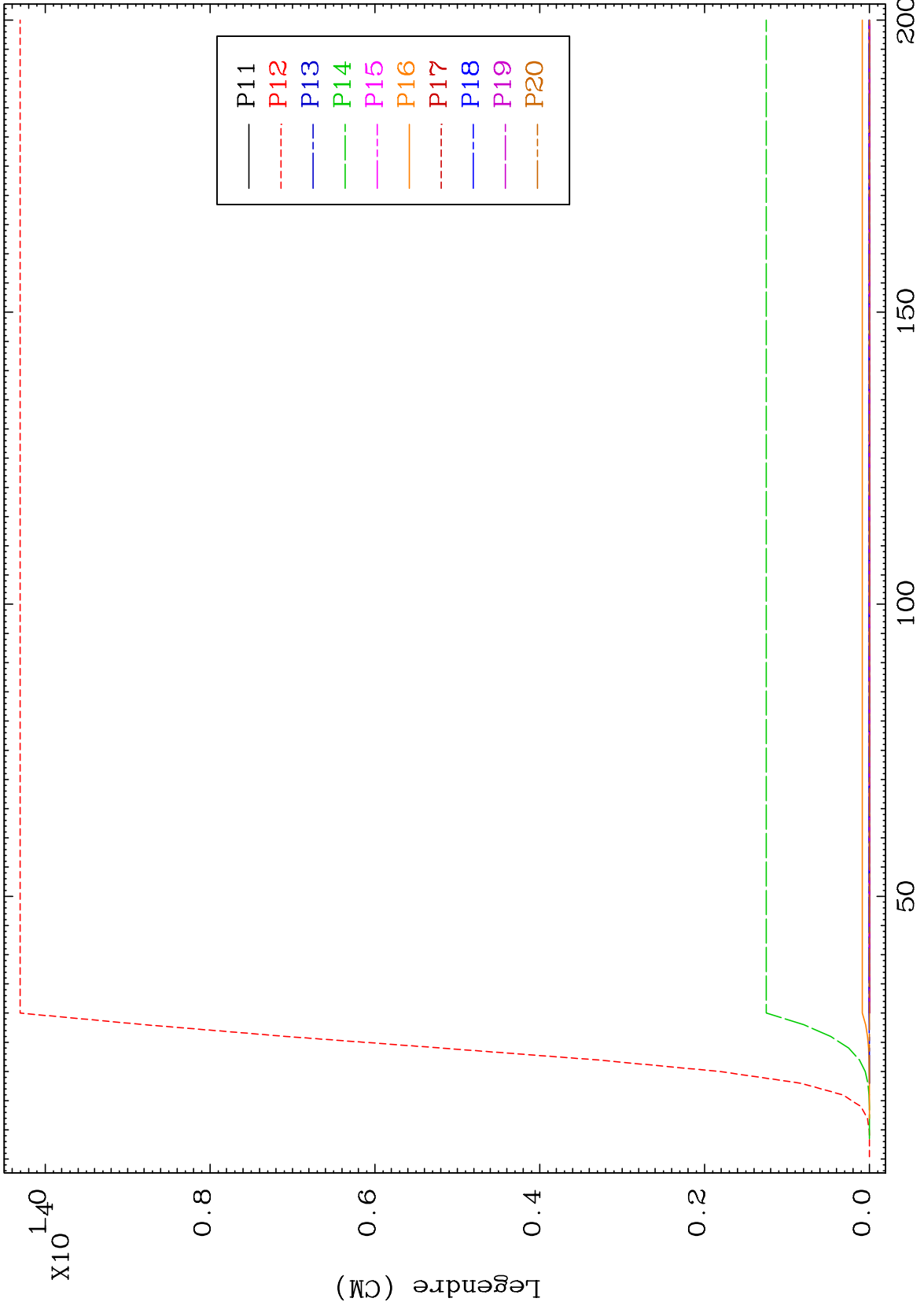


MAT 1952 MT= 58 (n,n') Level Legendre Coefficients 19-K -48



39 19-K -48

MAT 1952 MT= 58 (n,n') Level Legendre Coefficients 19-K -48

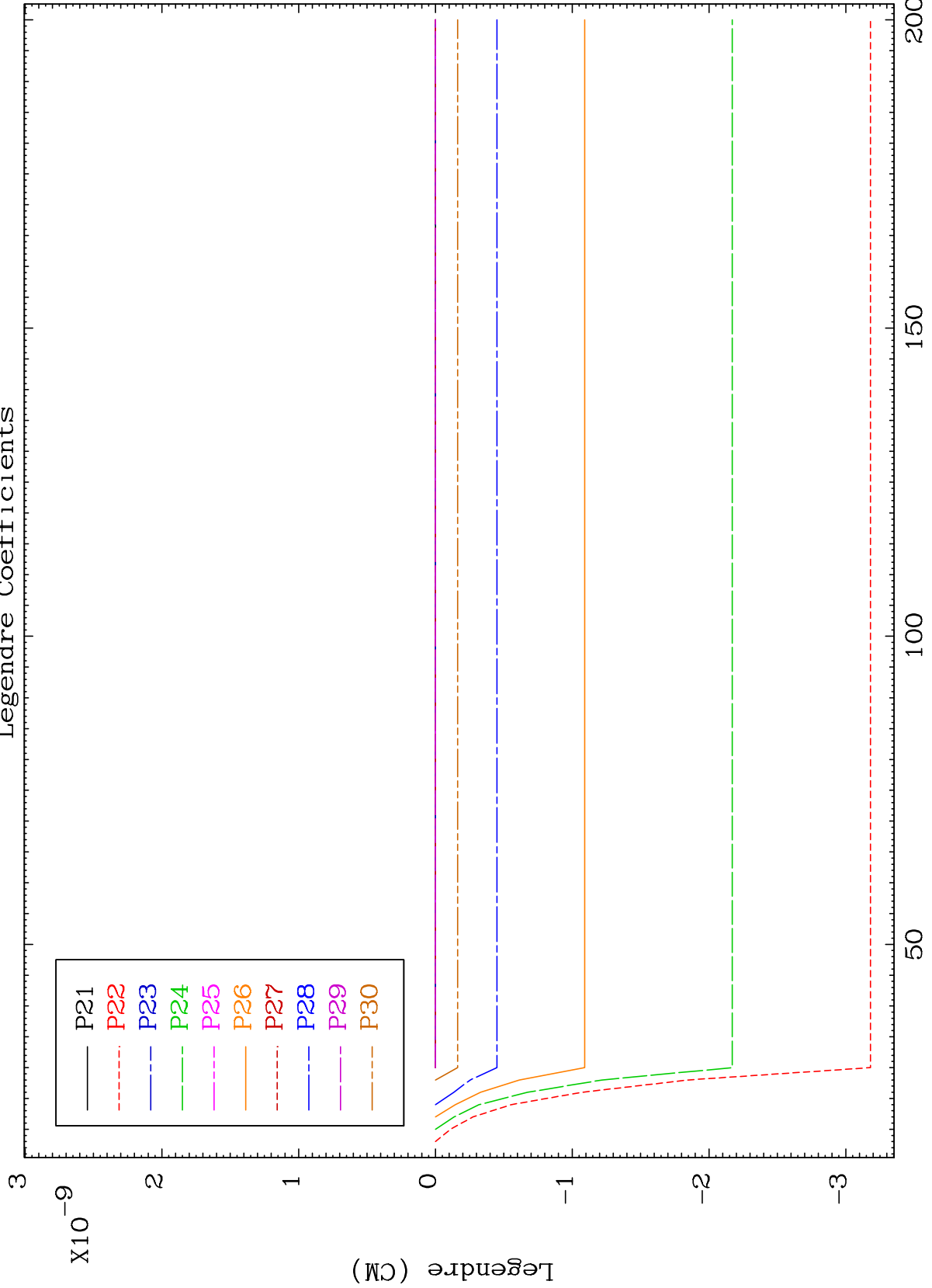


40 Incident Energy (MeV) 19-K -48

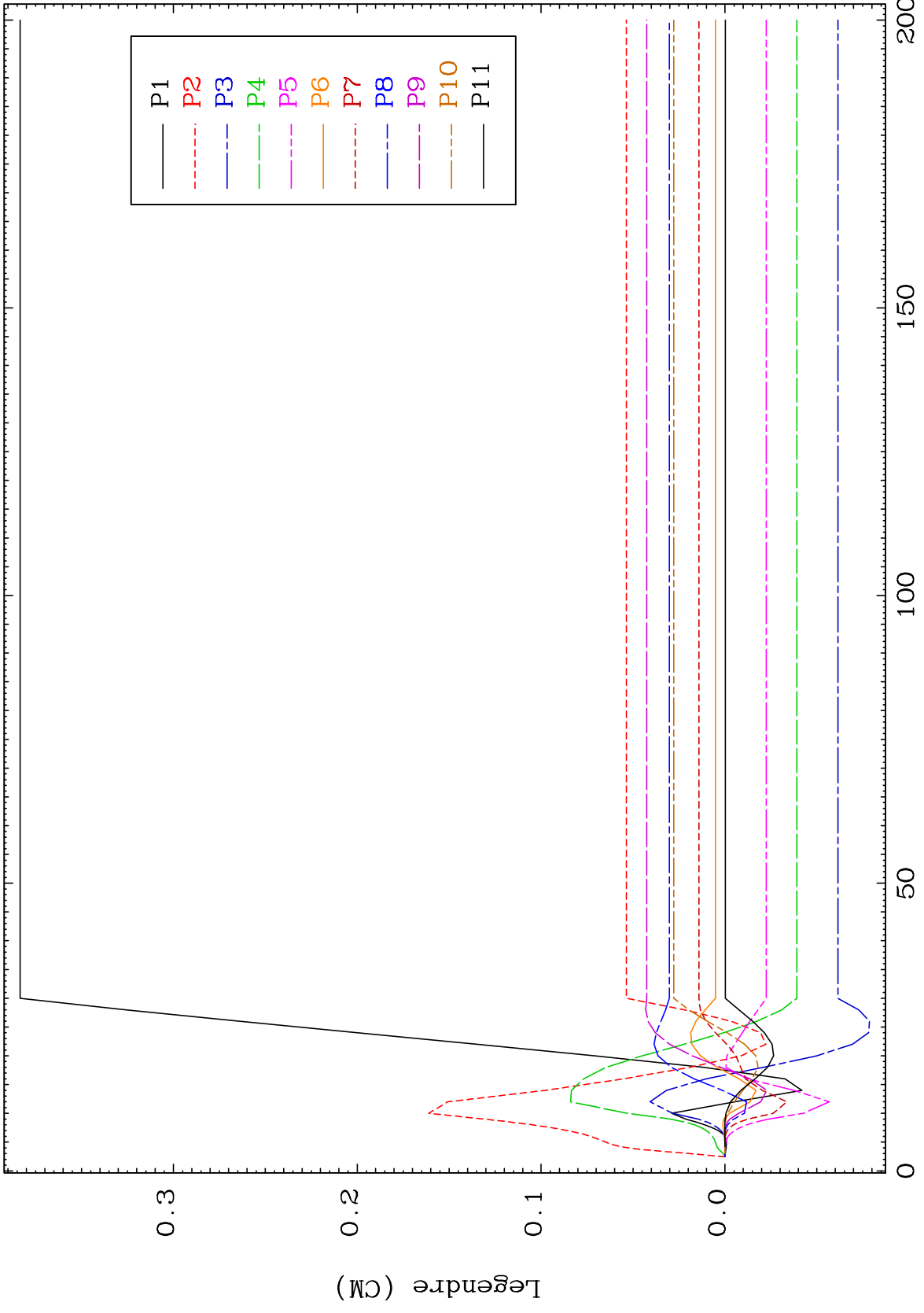
MAT 1952 MT= 58 (n,n') Level Legendre Coefficients

19-K -48

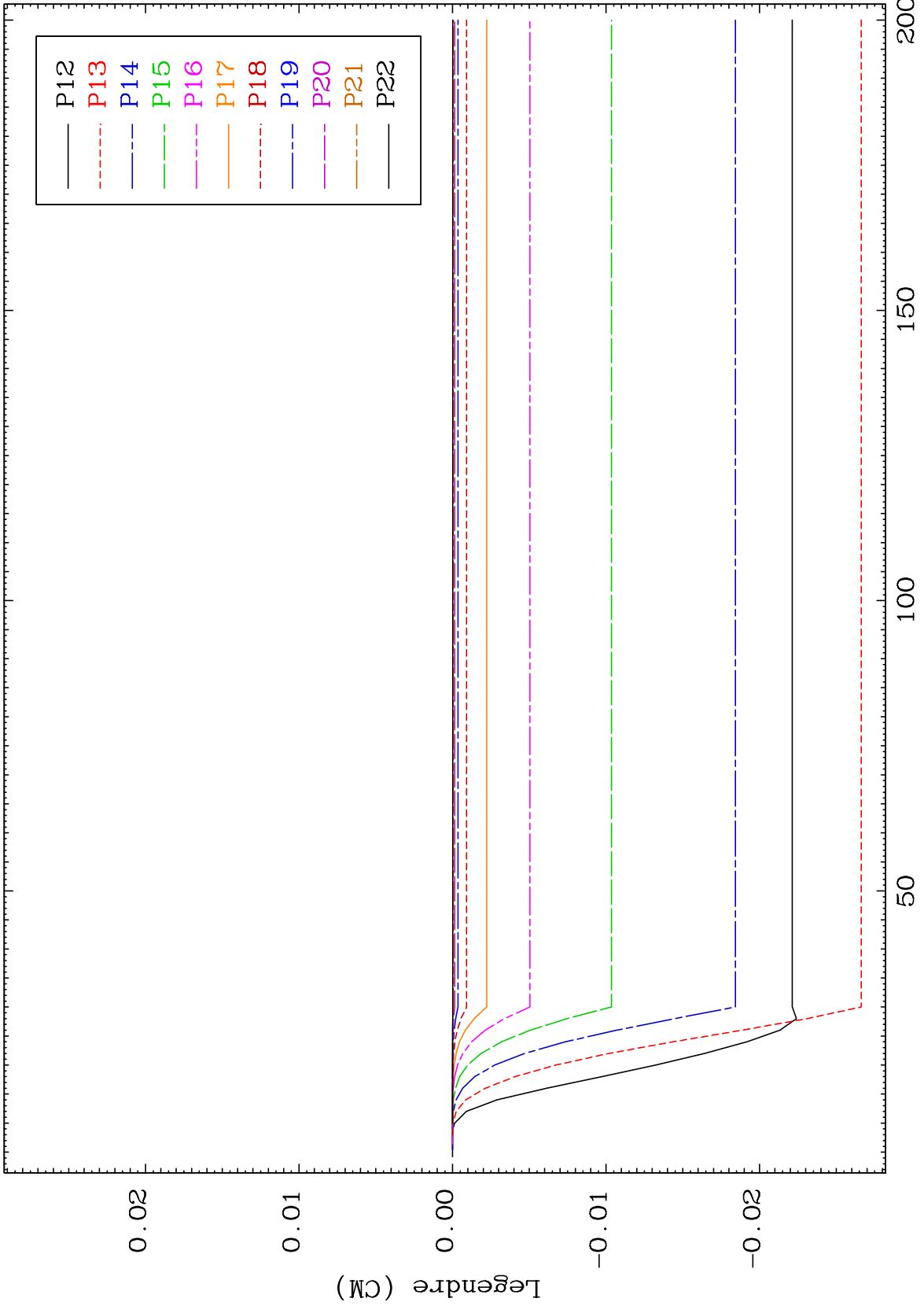
19-K -48



MAT 1952 MT= 59 (n,n') Level Legendre Coefficients 19-K -48



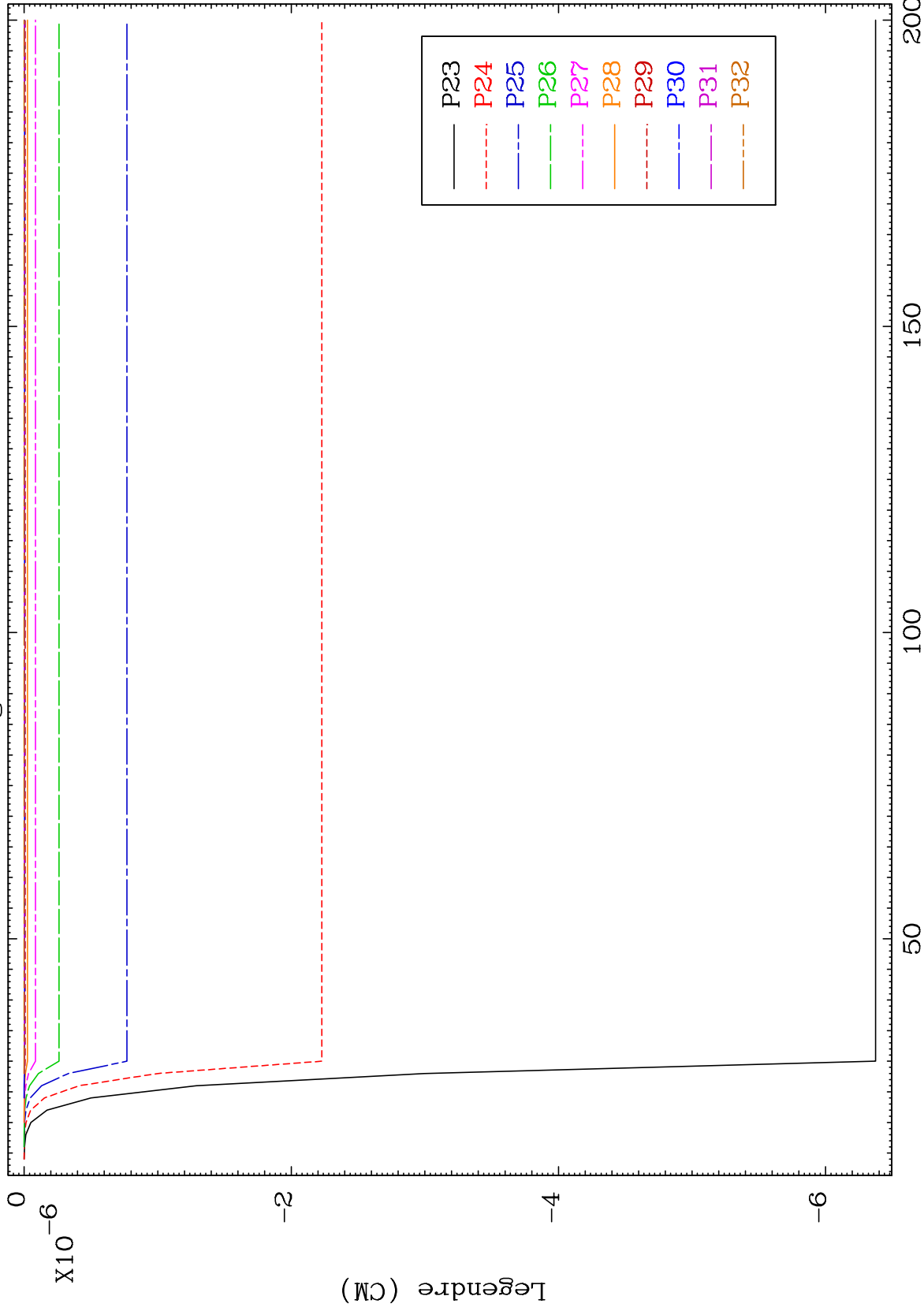
42 19-K -48



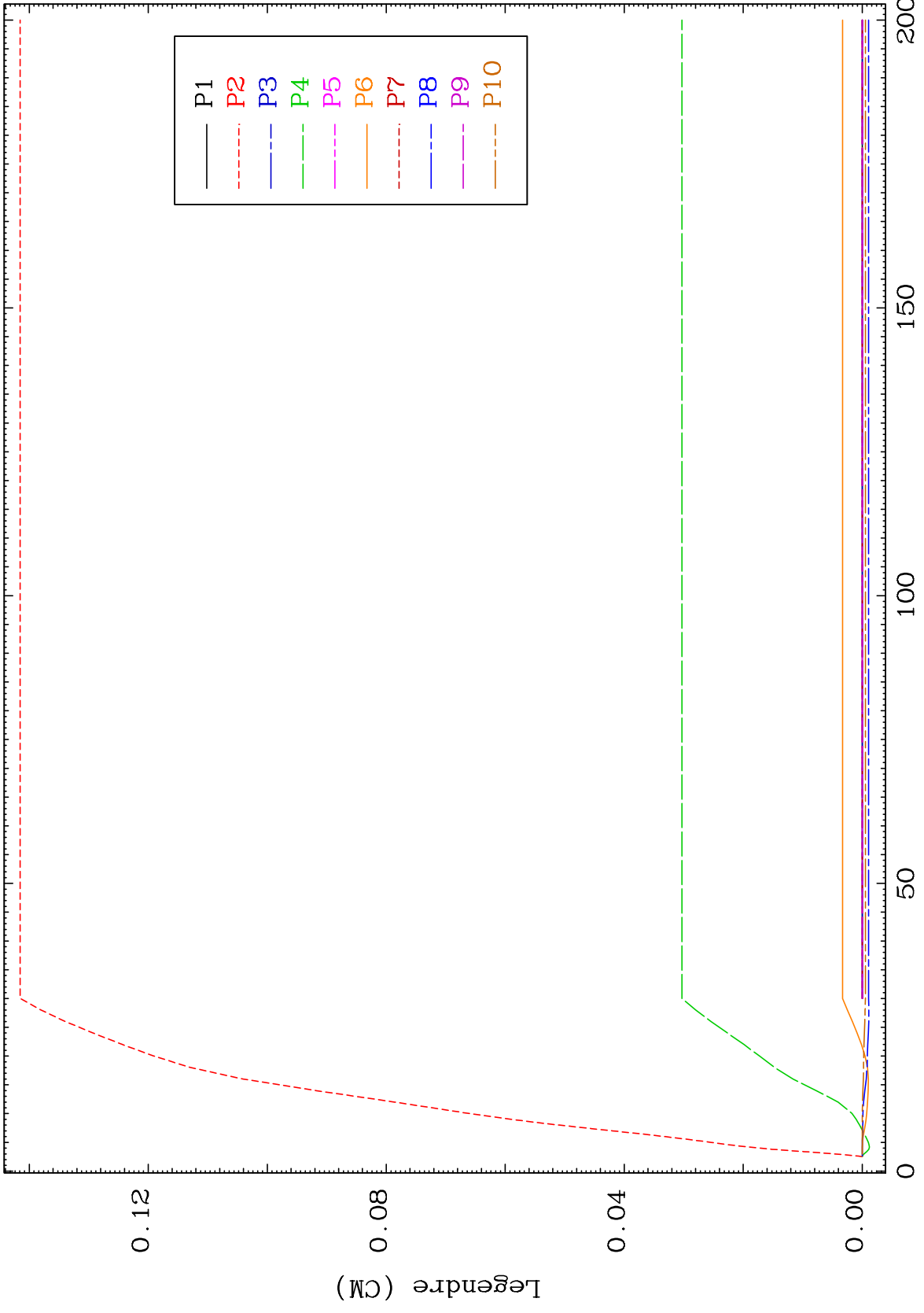
MAT 1952

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

19-K -48

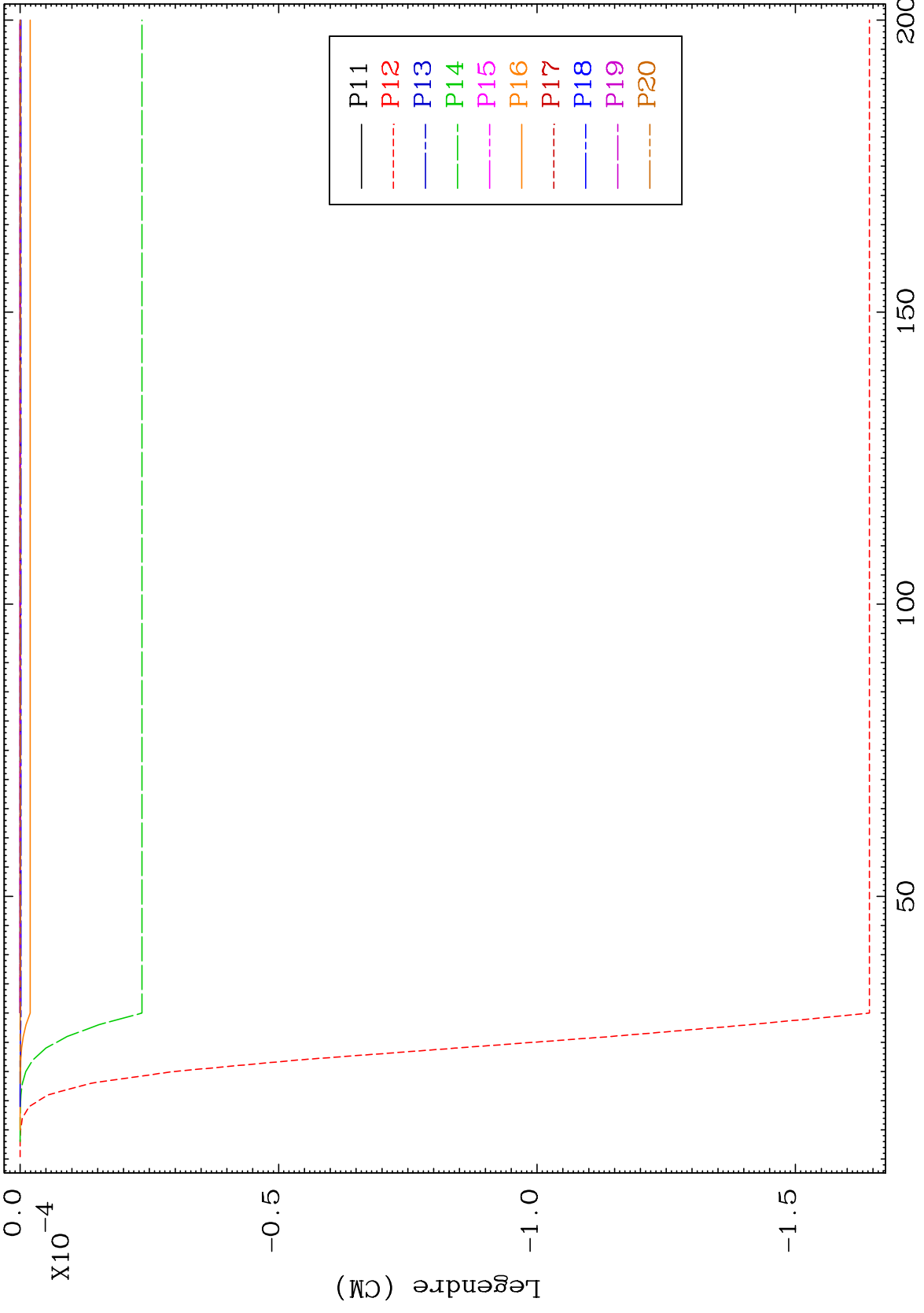


MAT 1952 MT= 60 (n,n') Level Legendre Coefficients 19-K -48

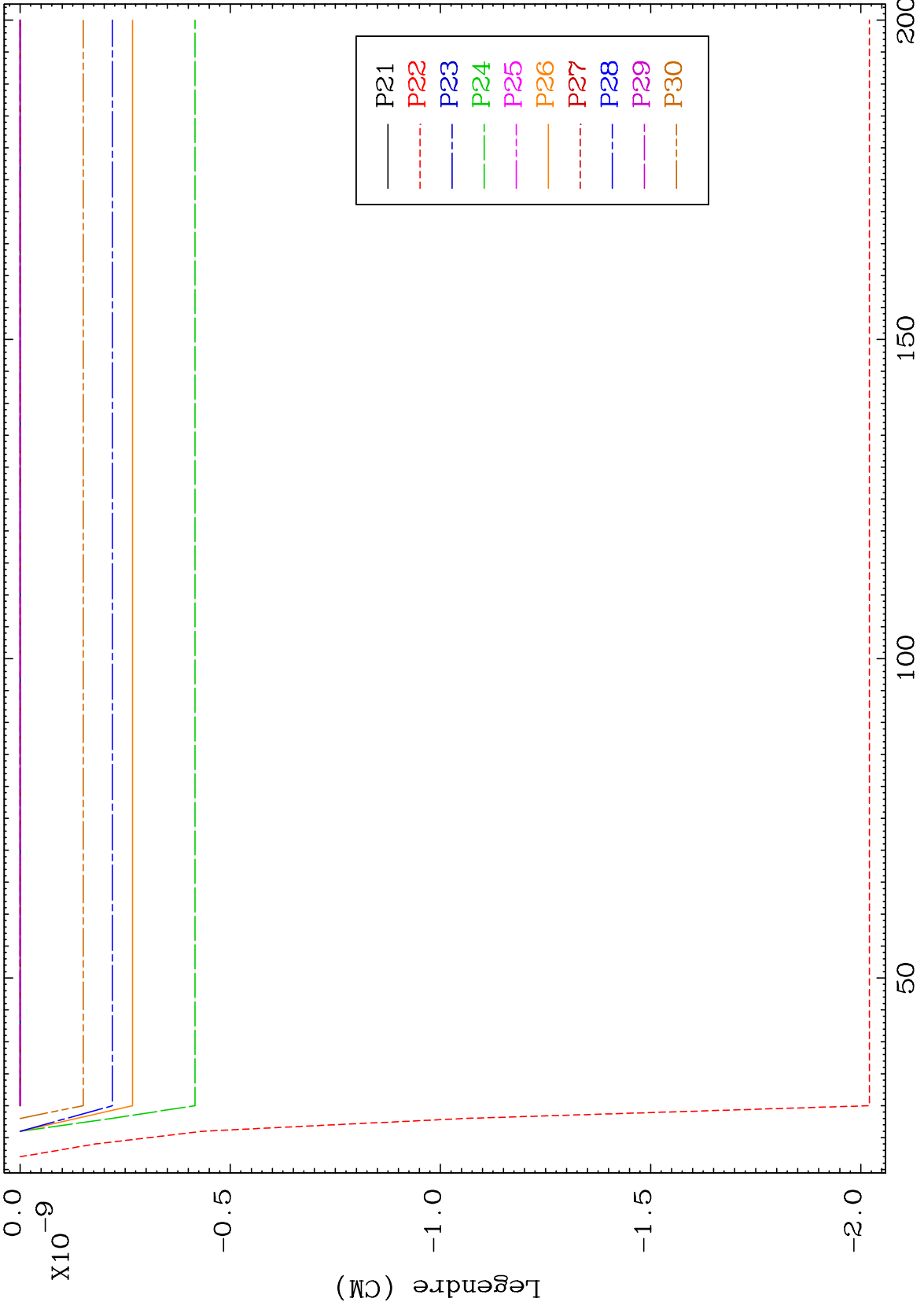


Incident Energy (MeV) 19-K -48

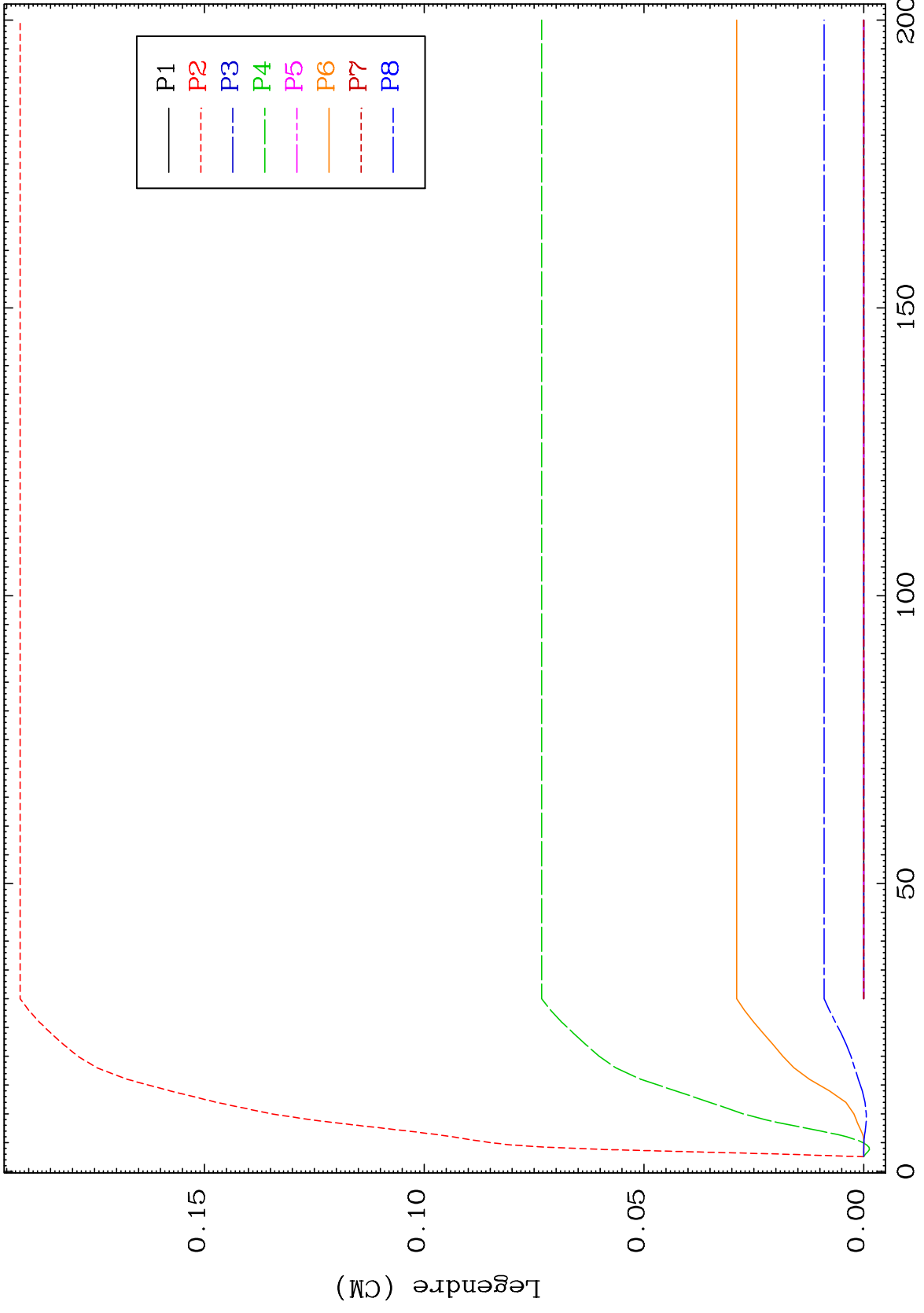
MAT 1952 MT= 60 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952 MT= 60 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952 MT= 61 (n,n') Level Legendre Coefficients 19-K -48

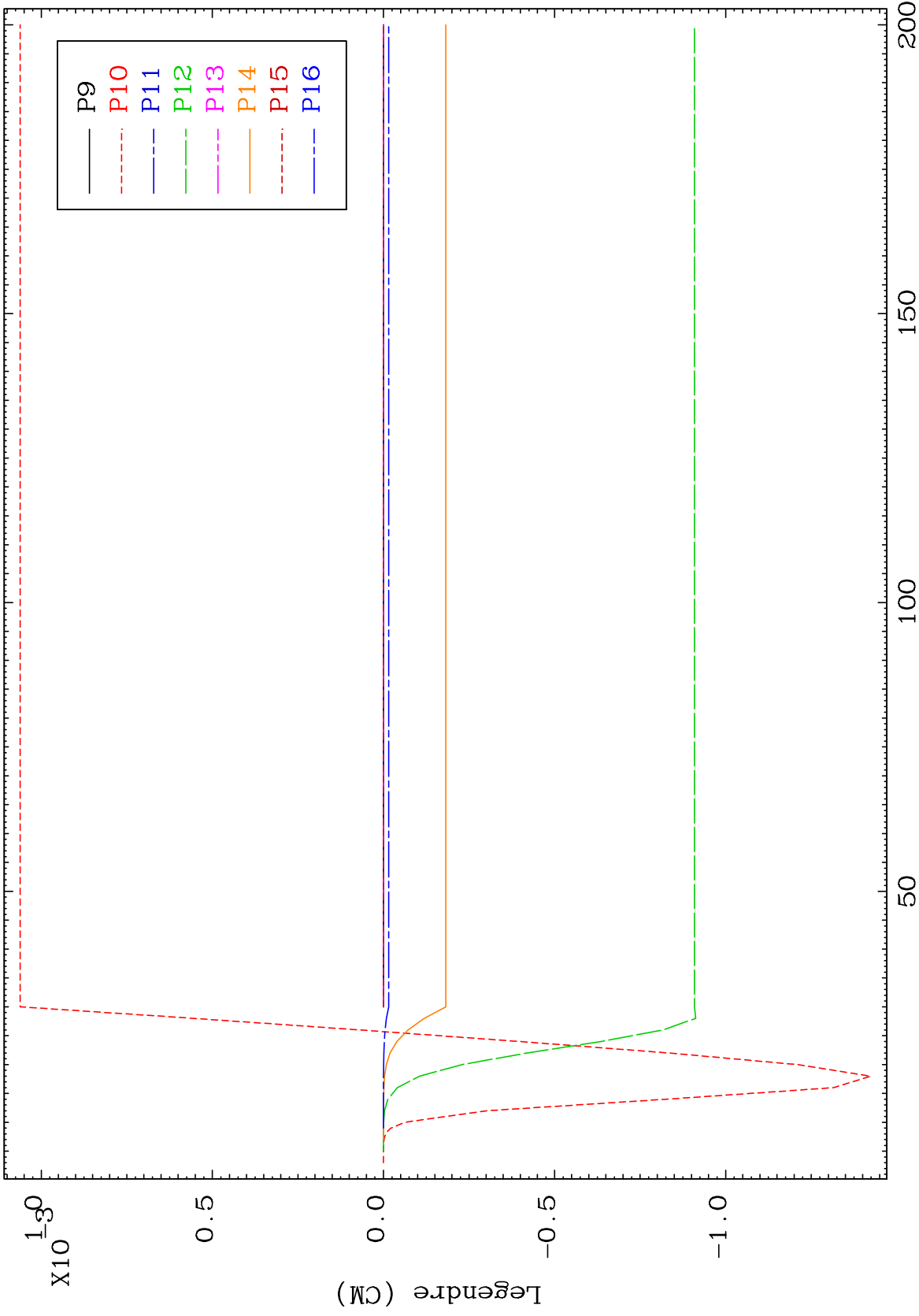


48 19-K -48

MAT 1952

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

19-K -48

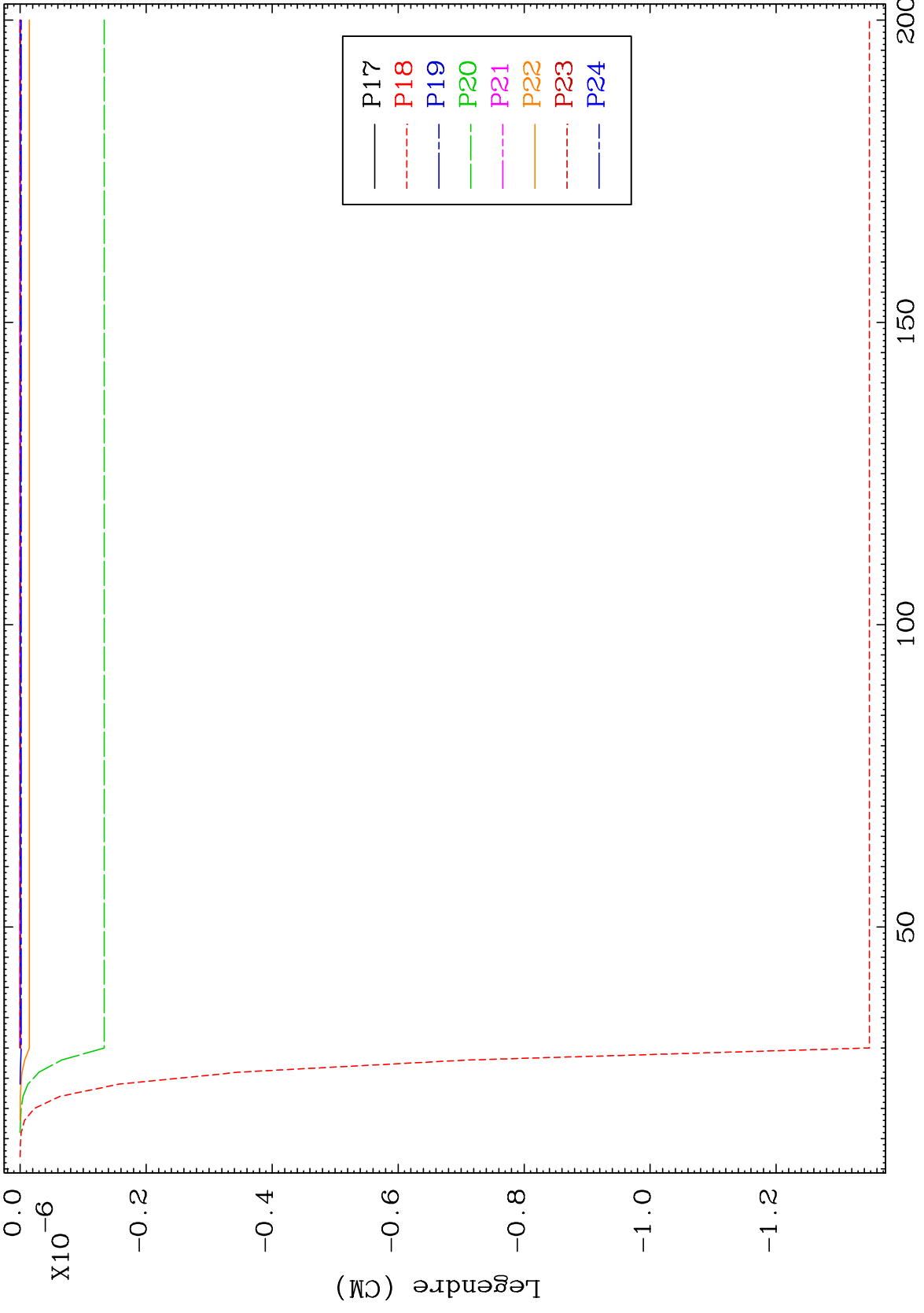


49

Incident Energy (MeV)

19-K -48

MAT 1952 MT= 61 (n,n') Level Legendre Coefficients 19-K -48

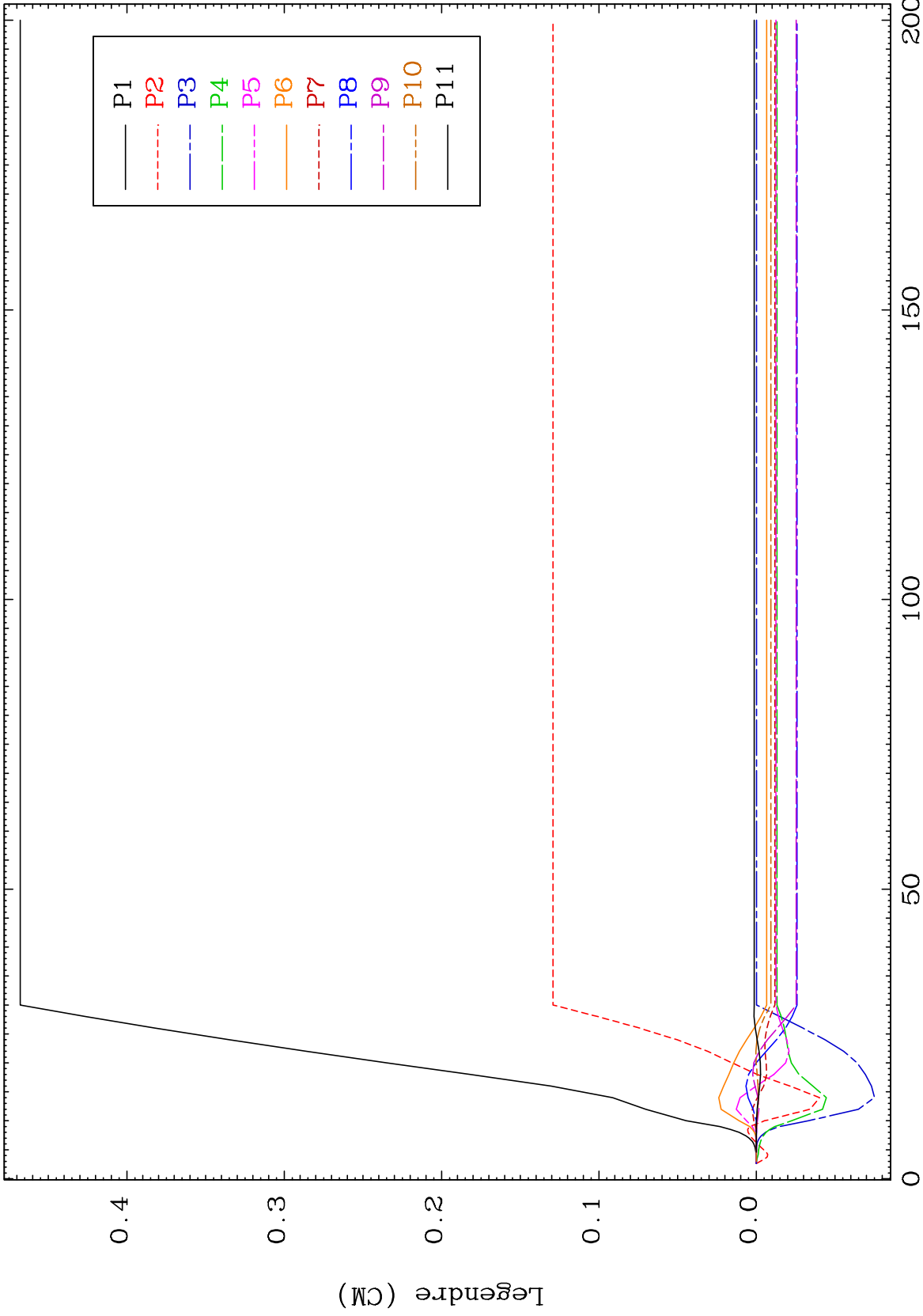


50 100 150 200 Incident Energy (MeV) 19-K -48

MAT 1952

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

19-K -48



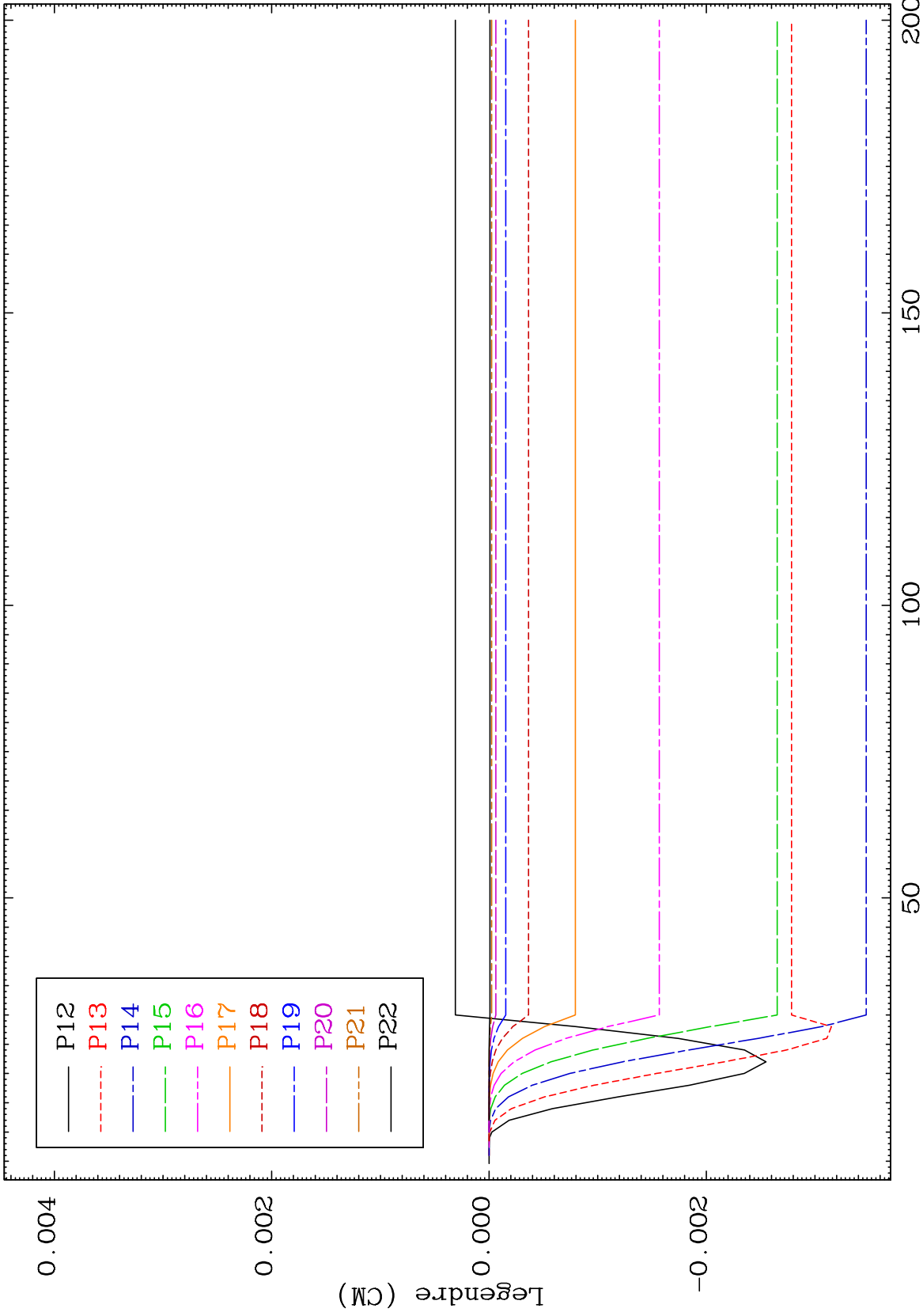
51

19-K -48

MAT 1952

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

19-K -48

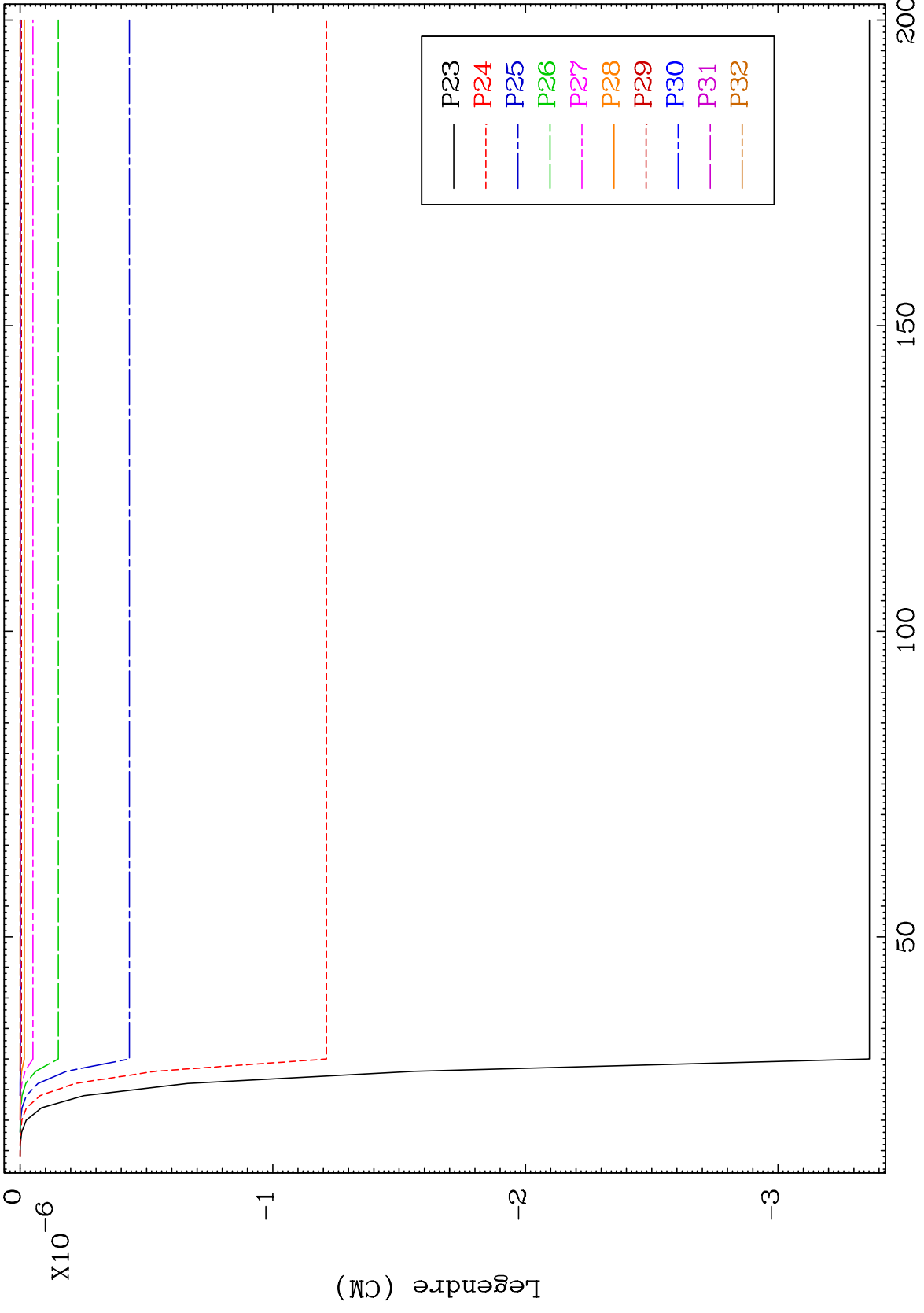


52

Incident Energy (MeV)

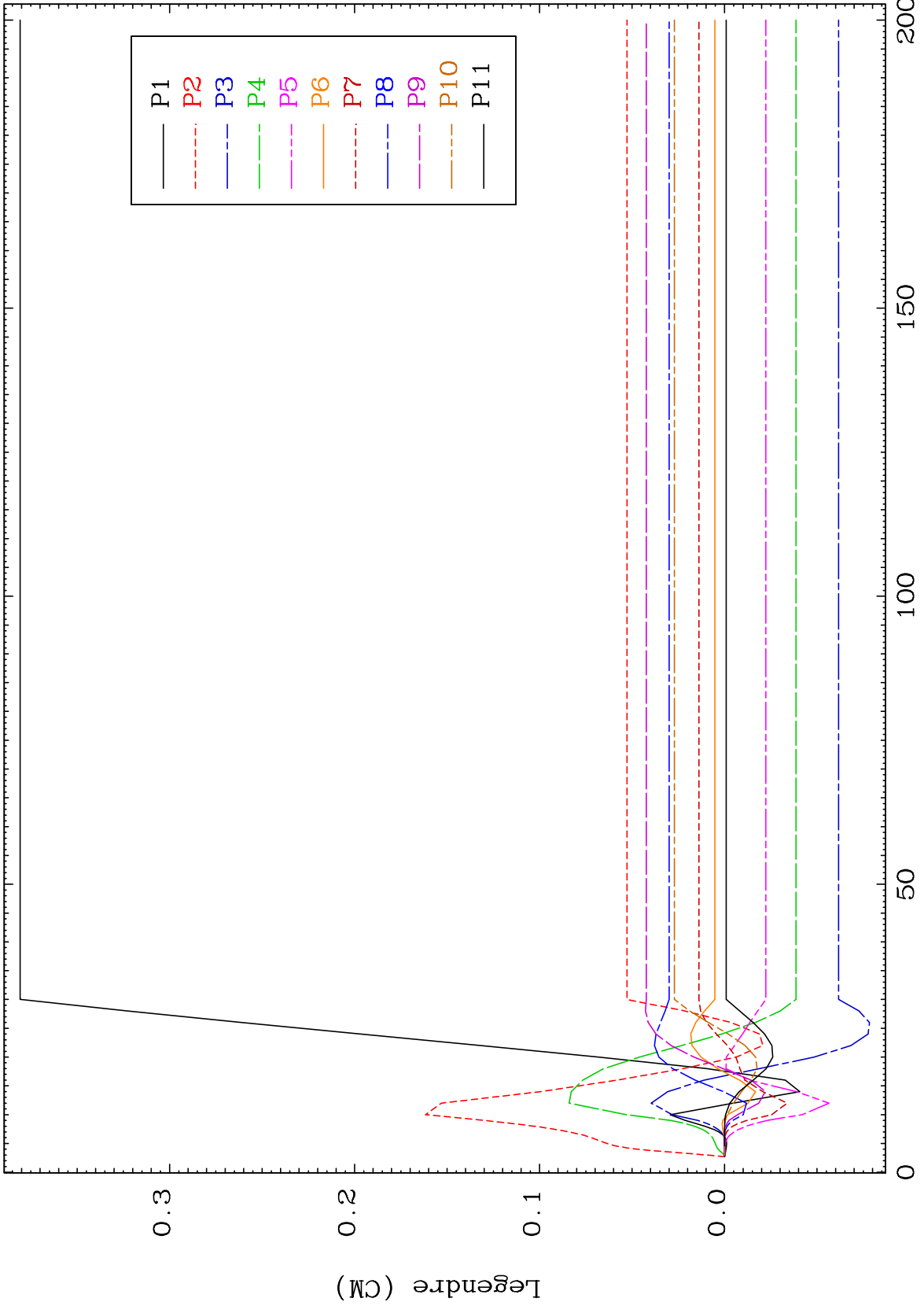
19-K -48

MAT 1952 MT= 62 (n,n') Level Legendre Coefficients 19-K -48



53 19-K -48

MAT 1952 MT= 63 (n,n') Level Legendre Coefficients 19-K -48

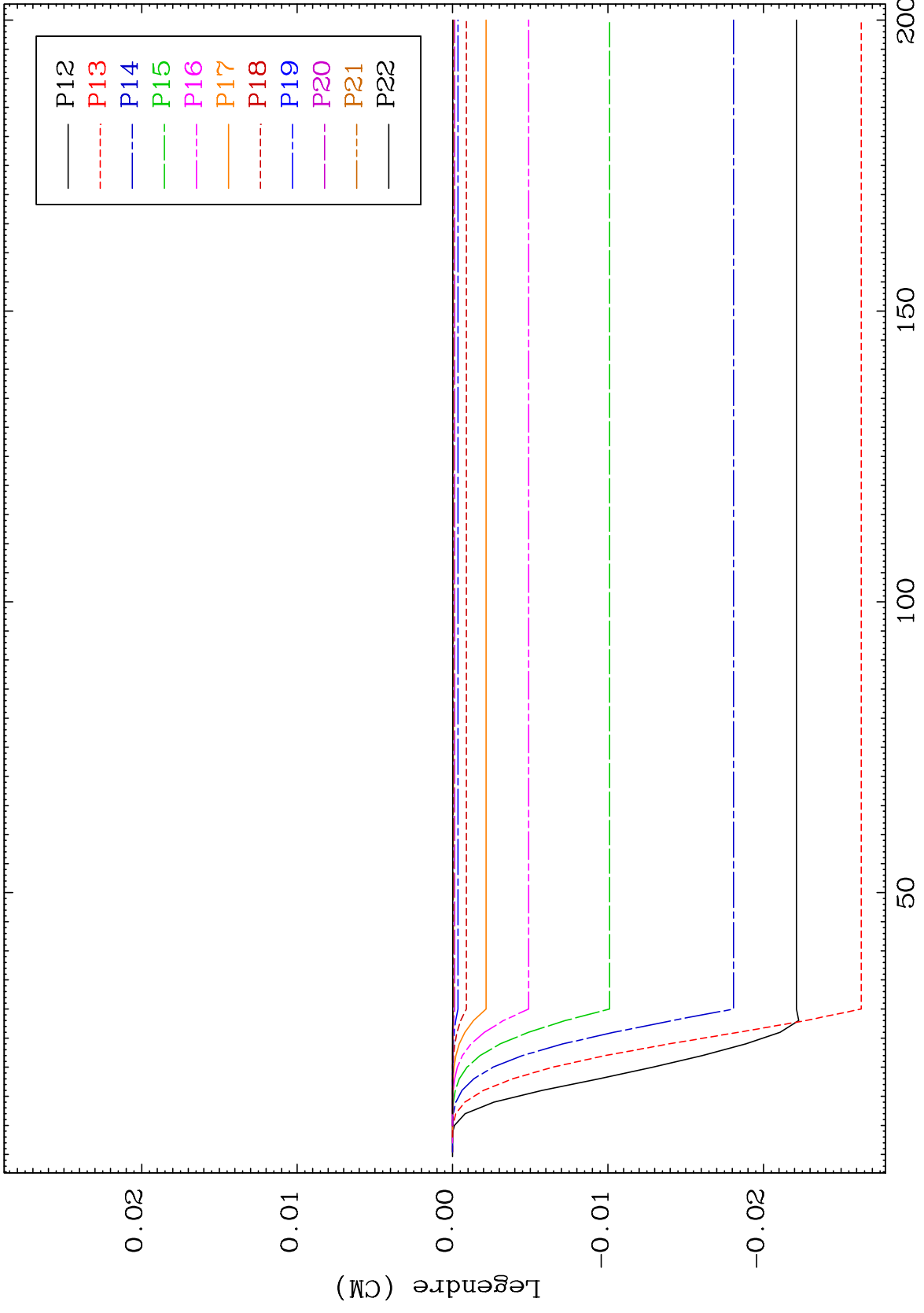


54 19-K -48

MAT 1952

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

19-K -48



55

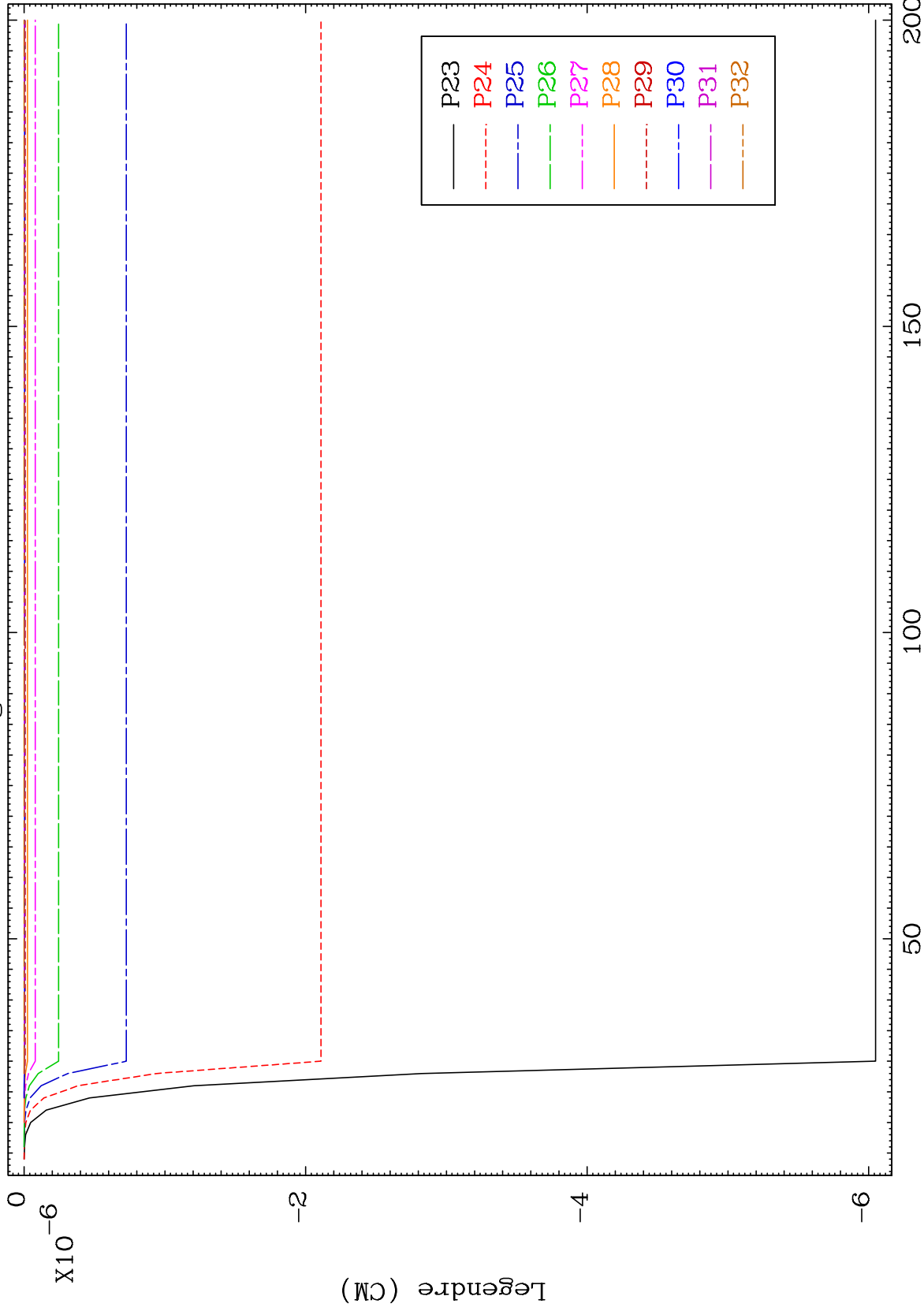
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

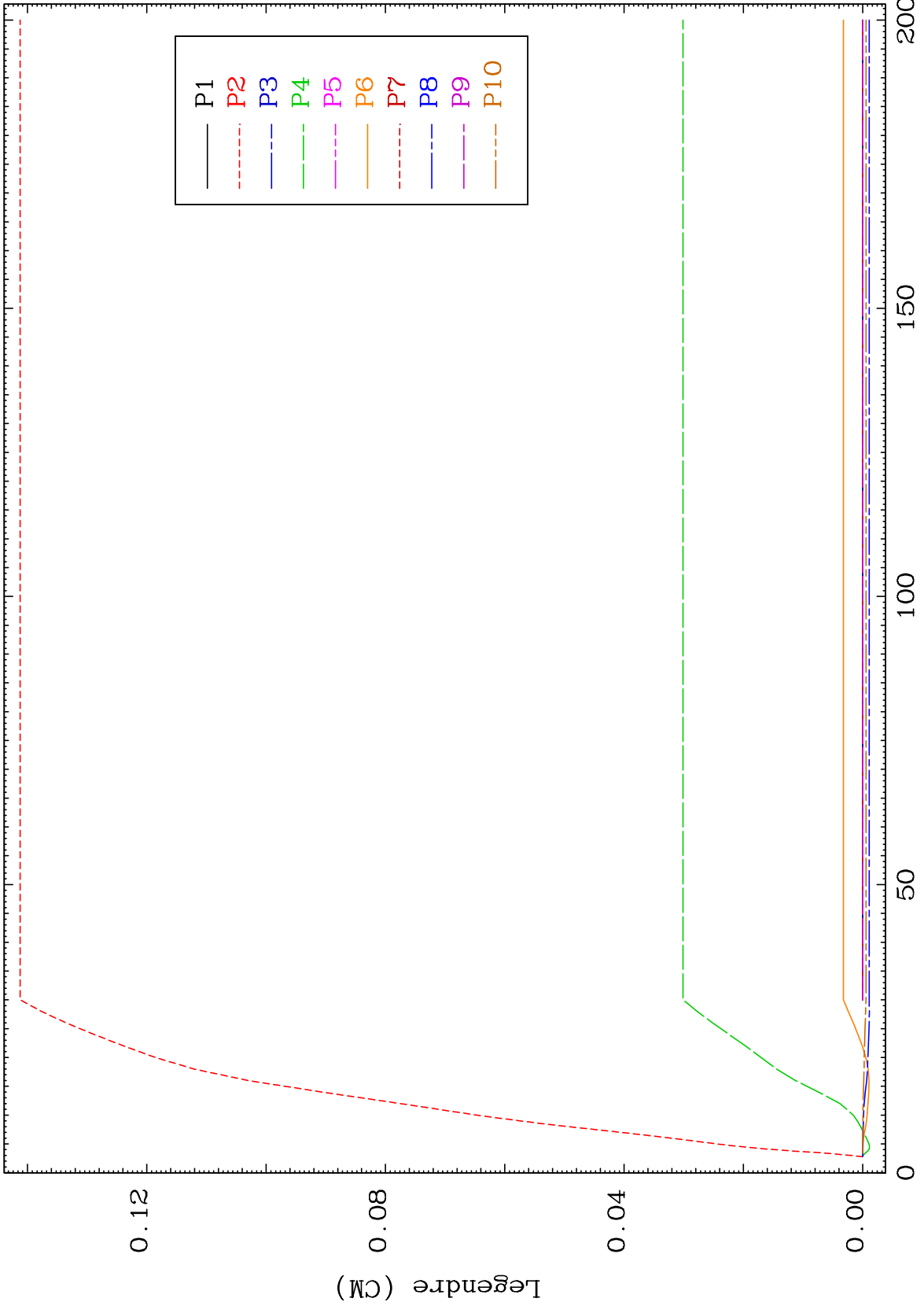


56

Incident Energy (MeV)

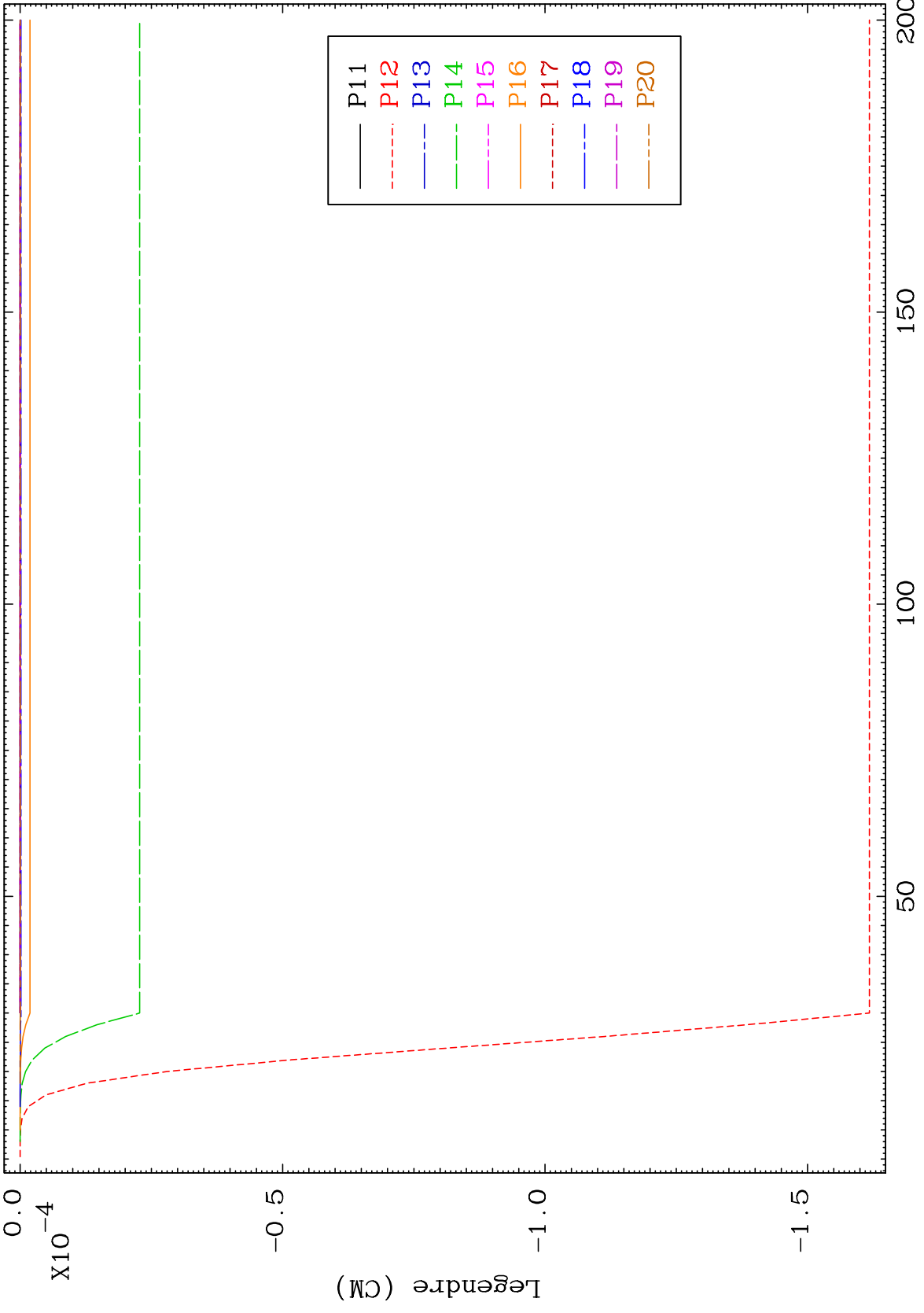
19-K -48

MAT 1952 MT= 64 (n,n') Level Legendre Coefficients 19-K -48



57 19-K -48

MAT 1952 MT= 64 (n,n') Level Legendre Coefficients 19-K -48

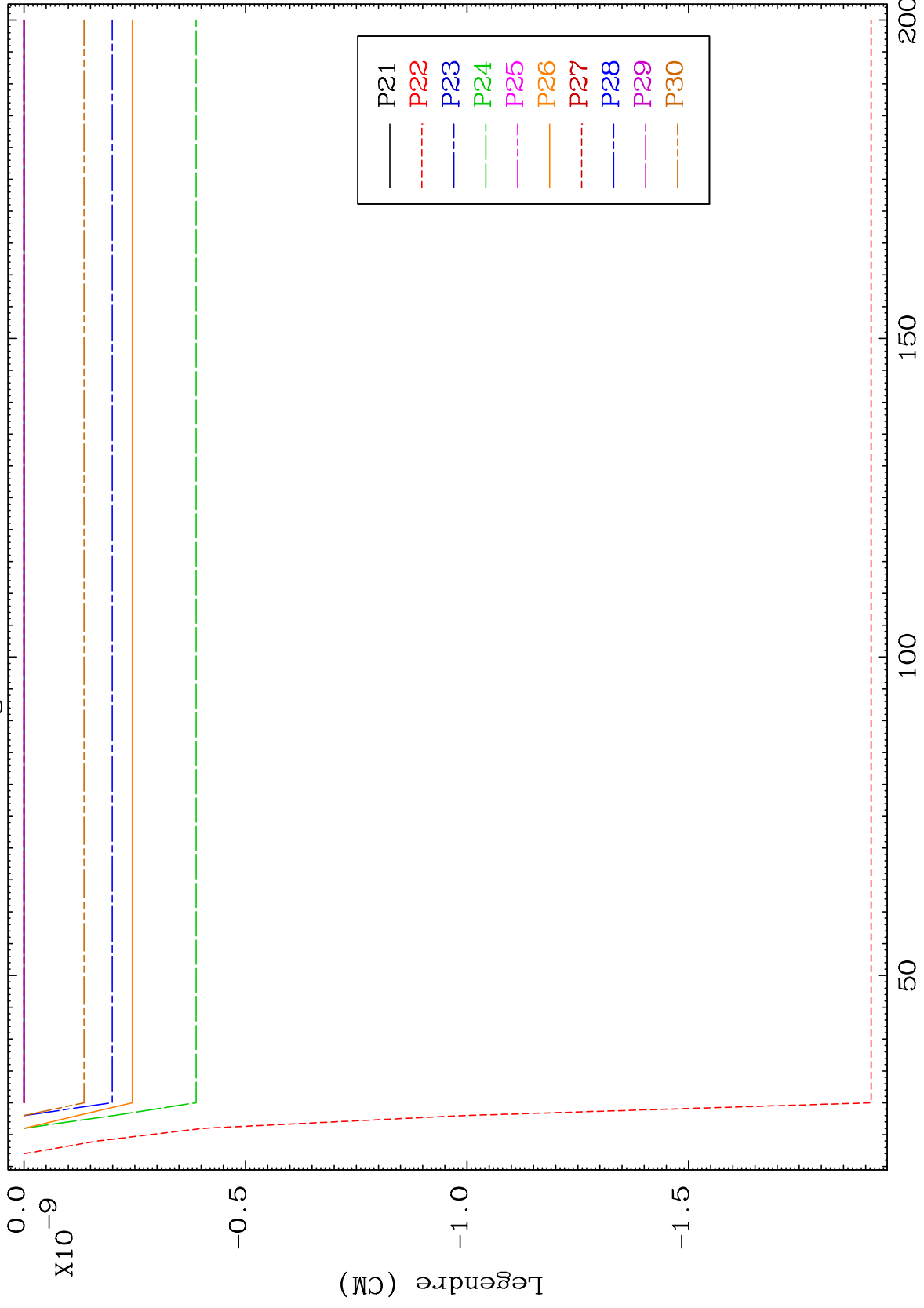


58 19-K -48

MAT 1952

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

19-K -48

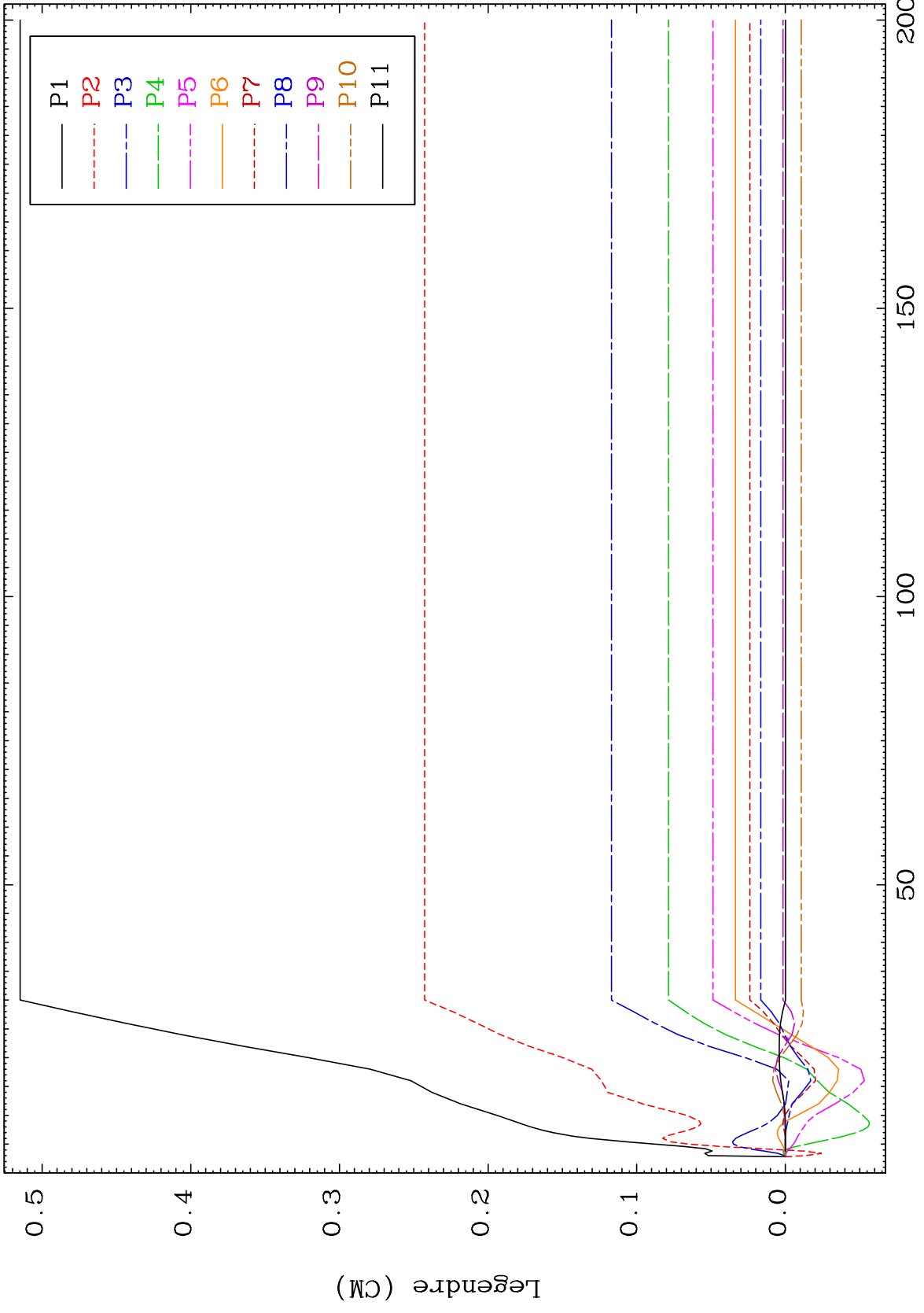


59

Incident Energy (MeV)

19-K -48

MAT 1952 MT= 65 (n,n') Level Legendre Coefficients 19-K -48

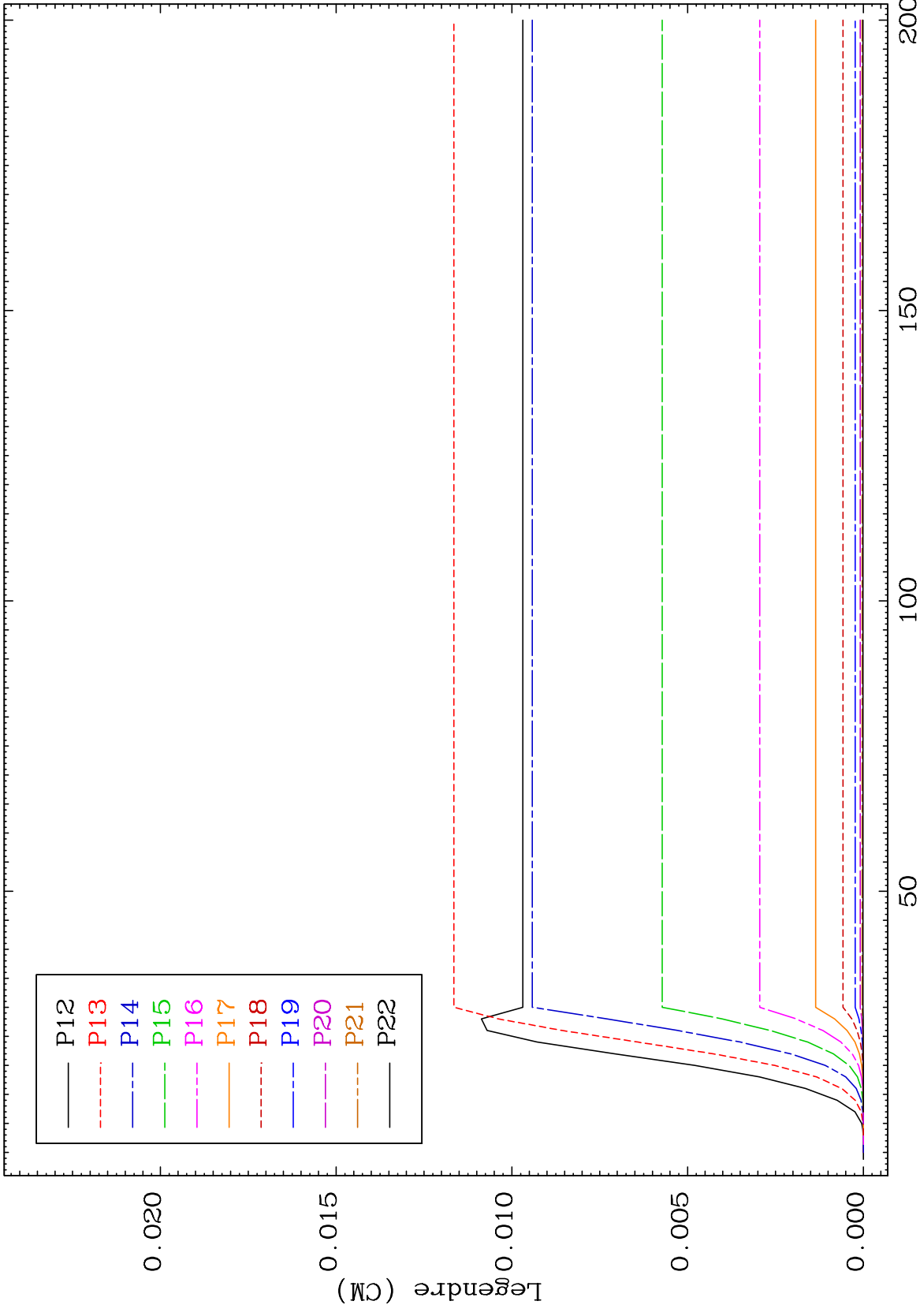


19-K -48

MAT 1952

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

19-K -48



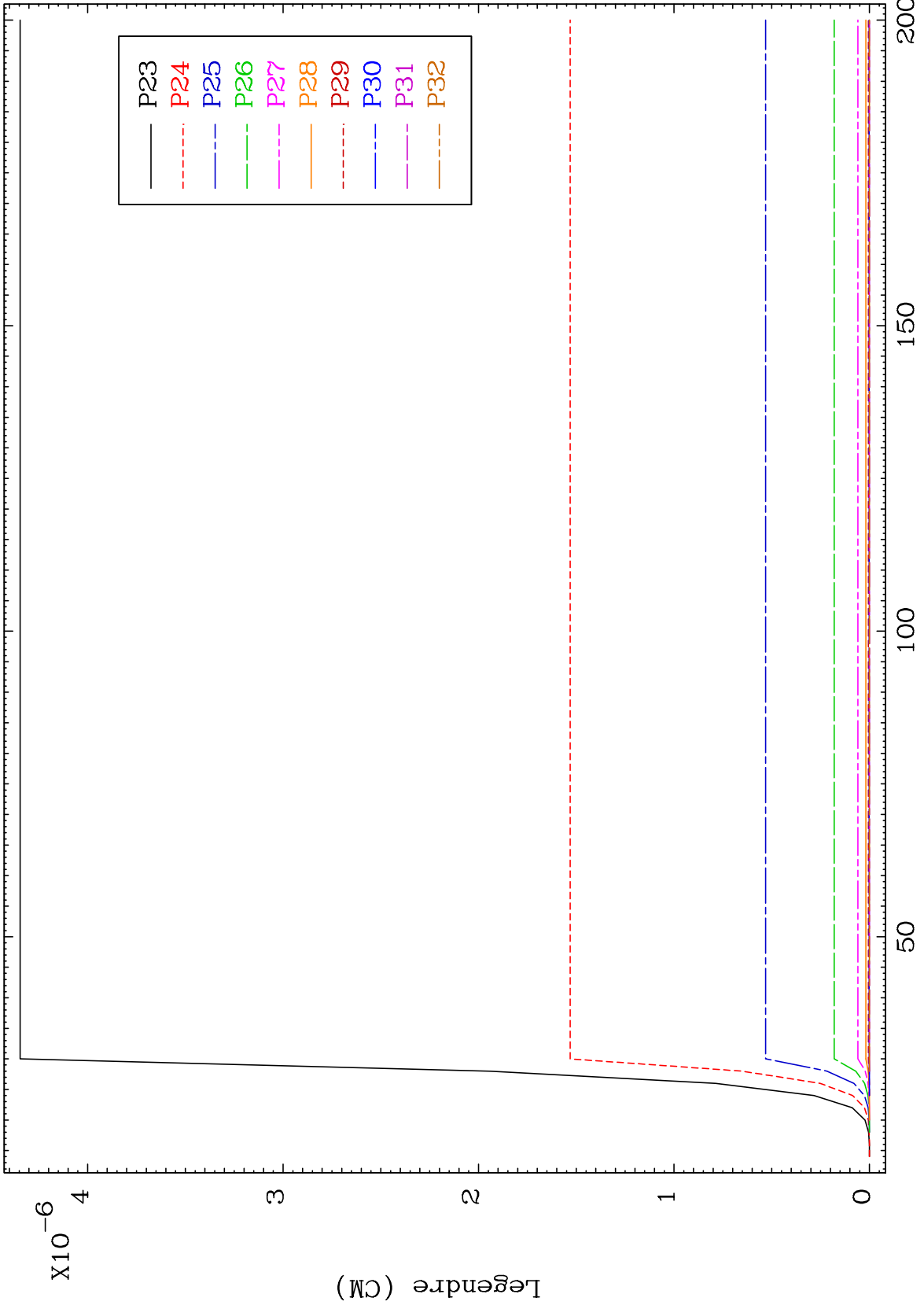
61

19-K -48

MAT 1952

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

19-K -48



62

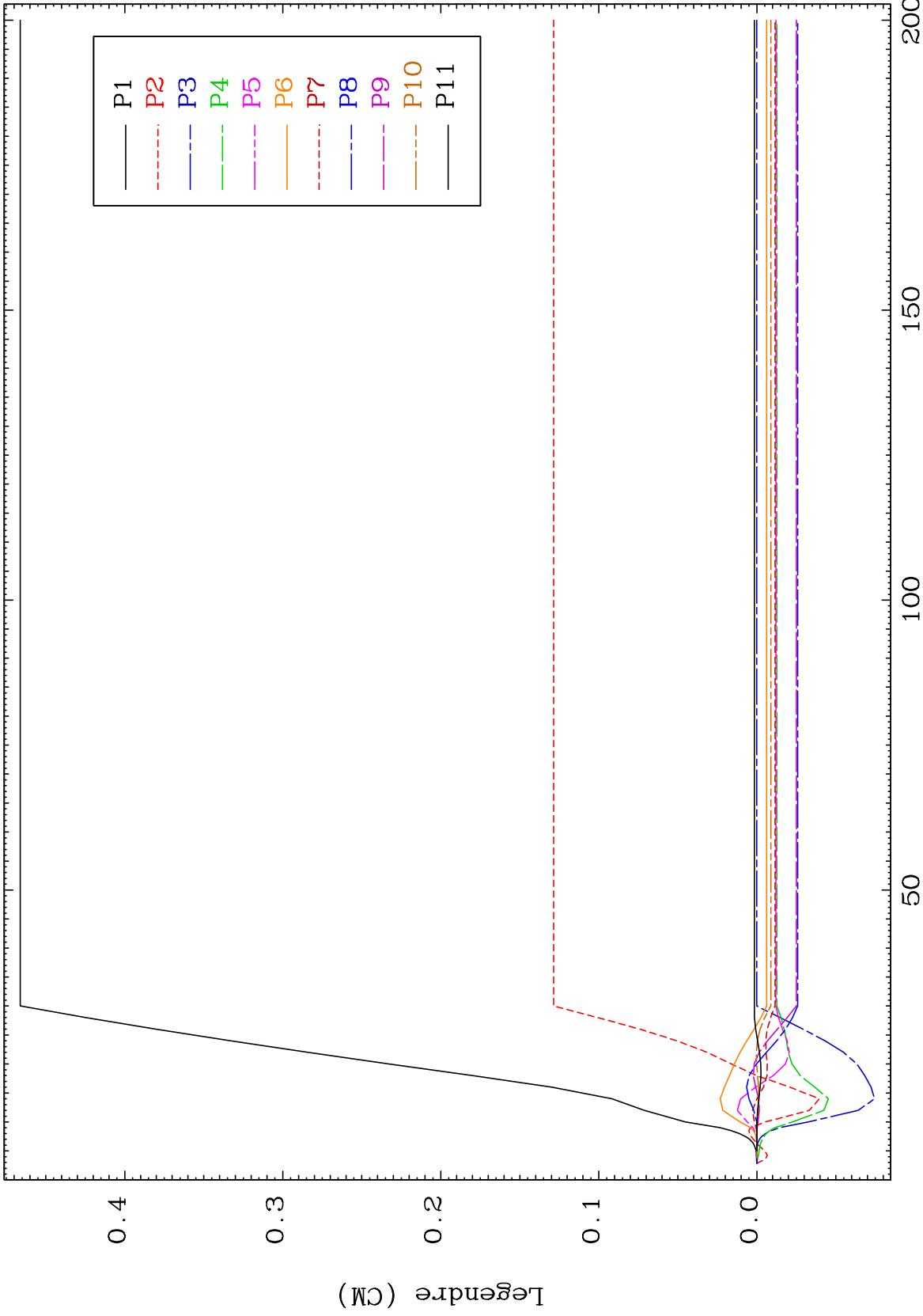
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48



63

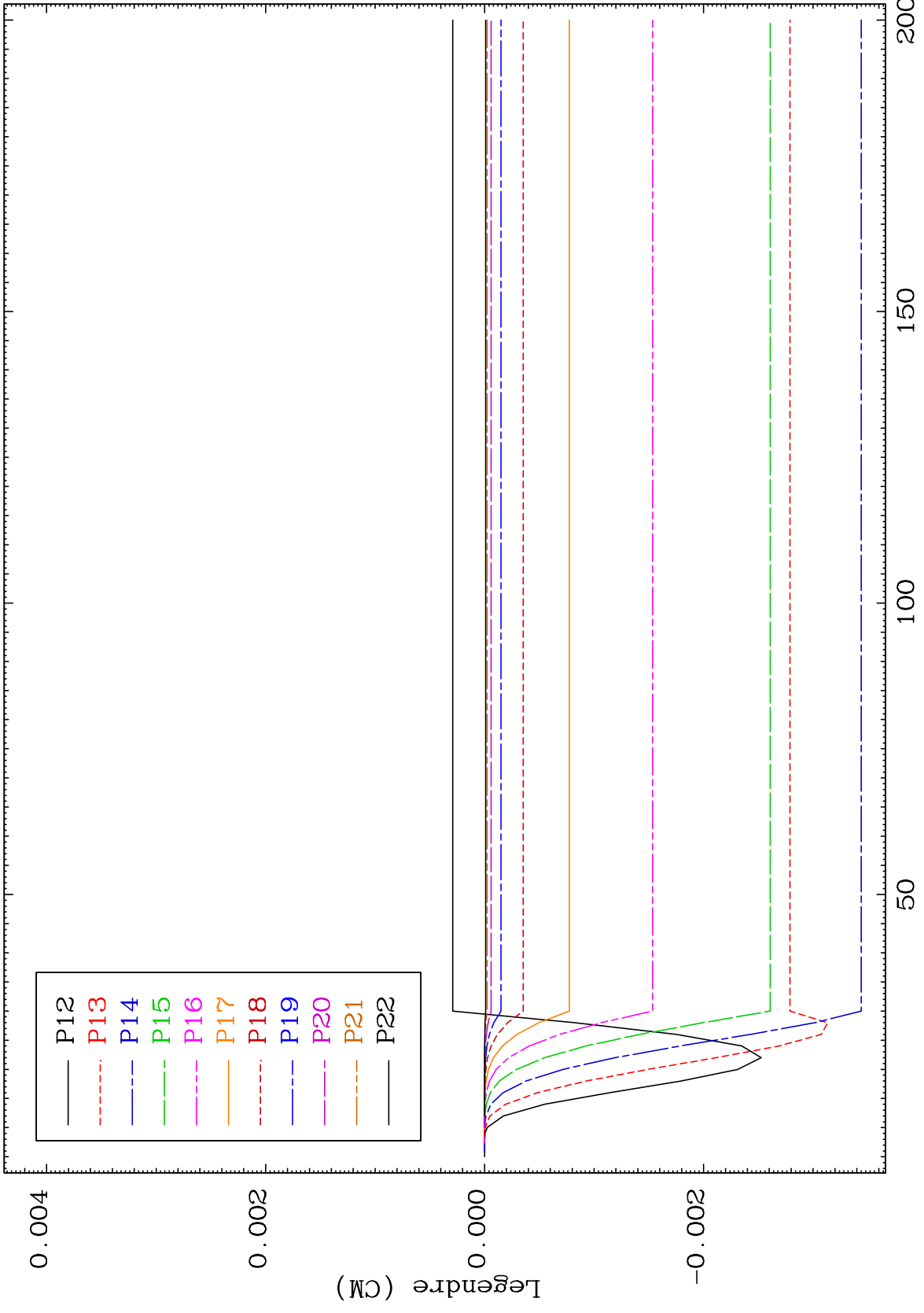
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

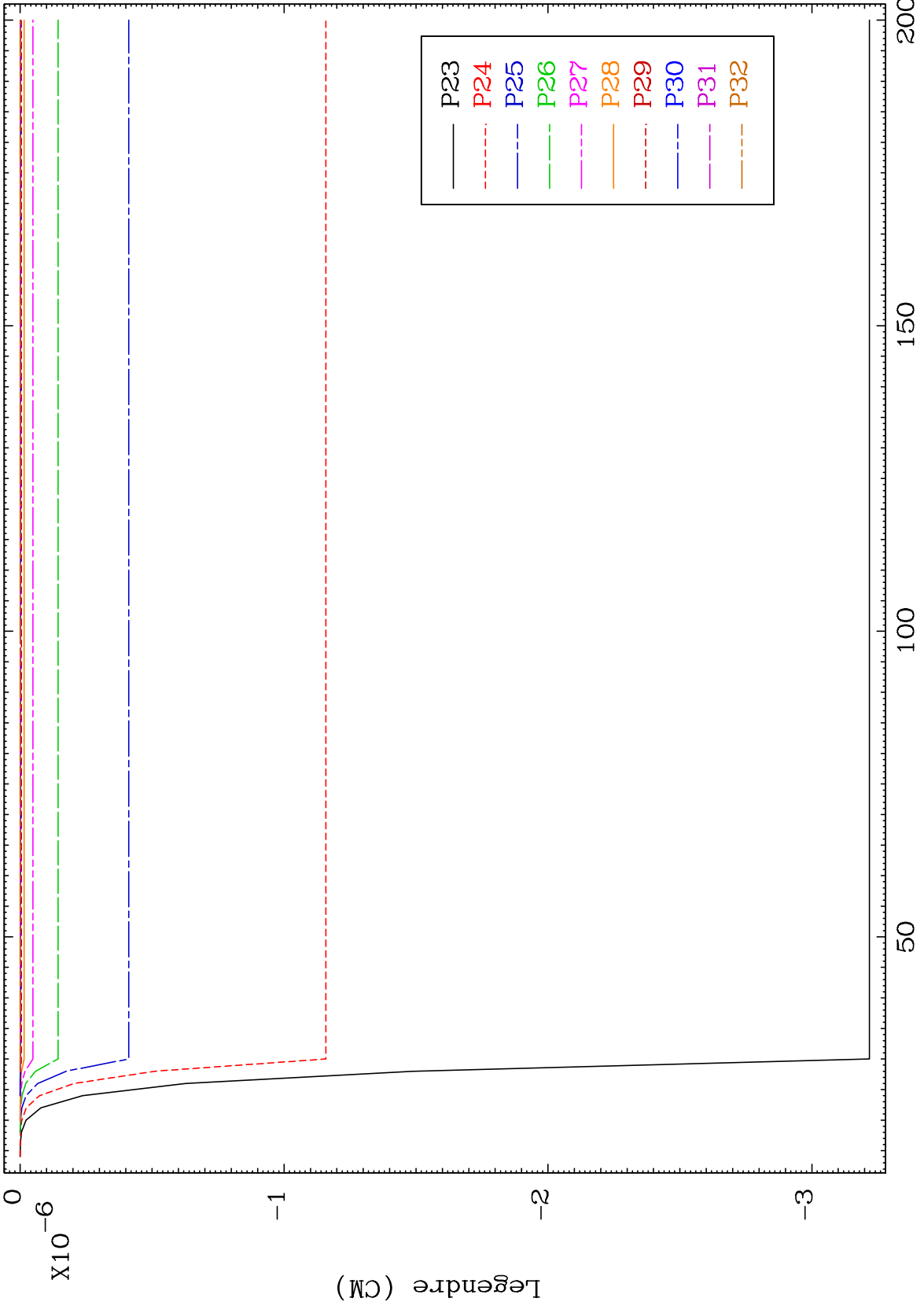


64

Incident Energy (MeV)

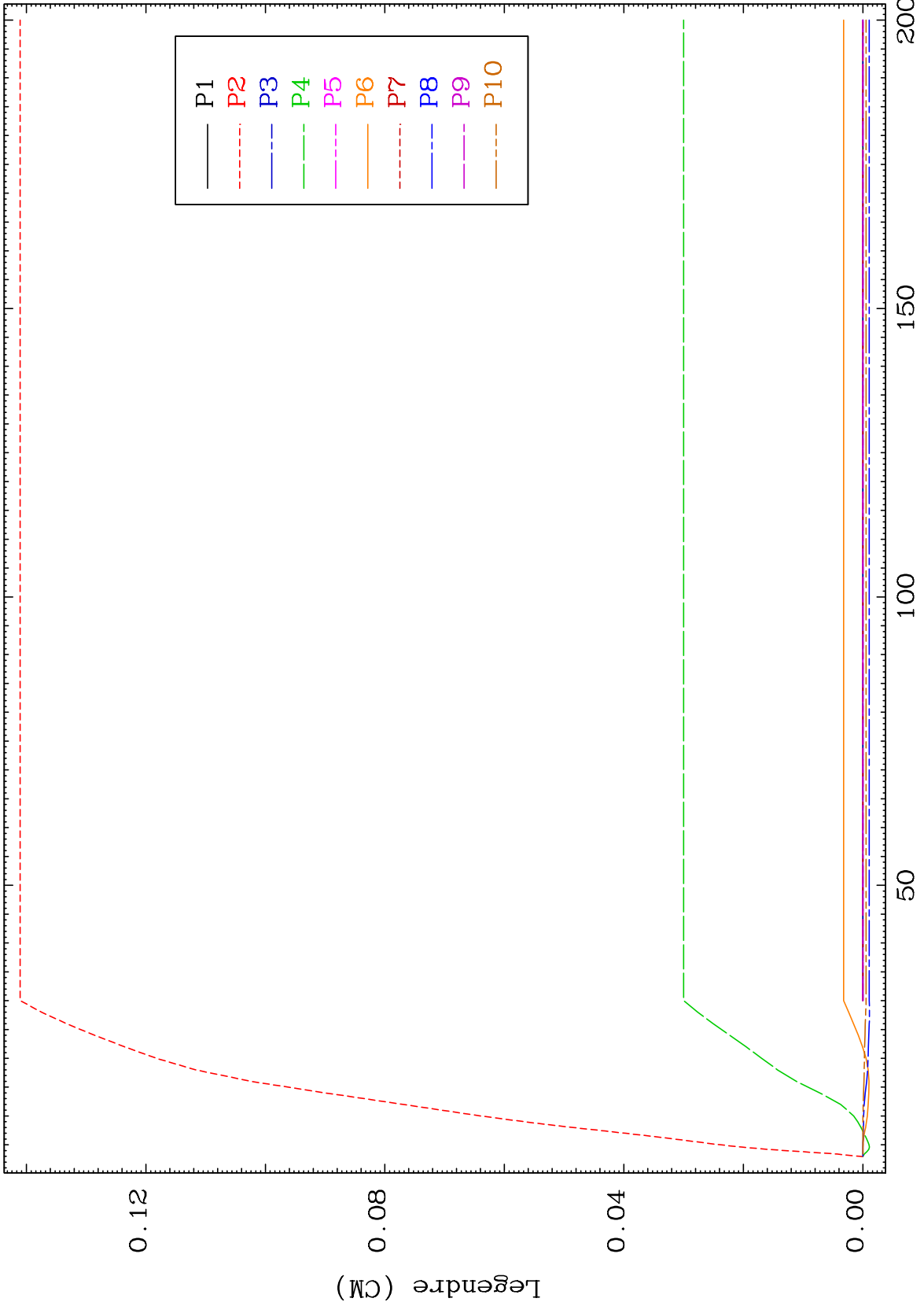
19-K -48

MAT 1952 MT= 66 (n,n') Level Legendre Coefficients 19-K -48



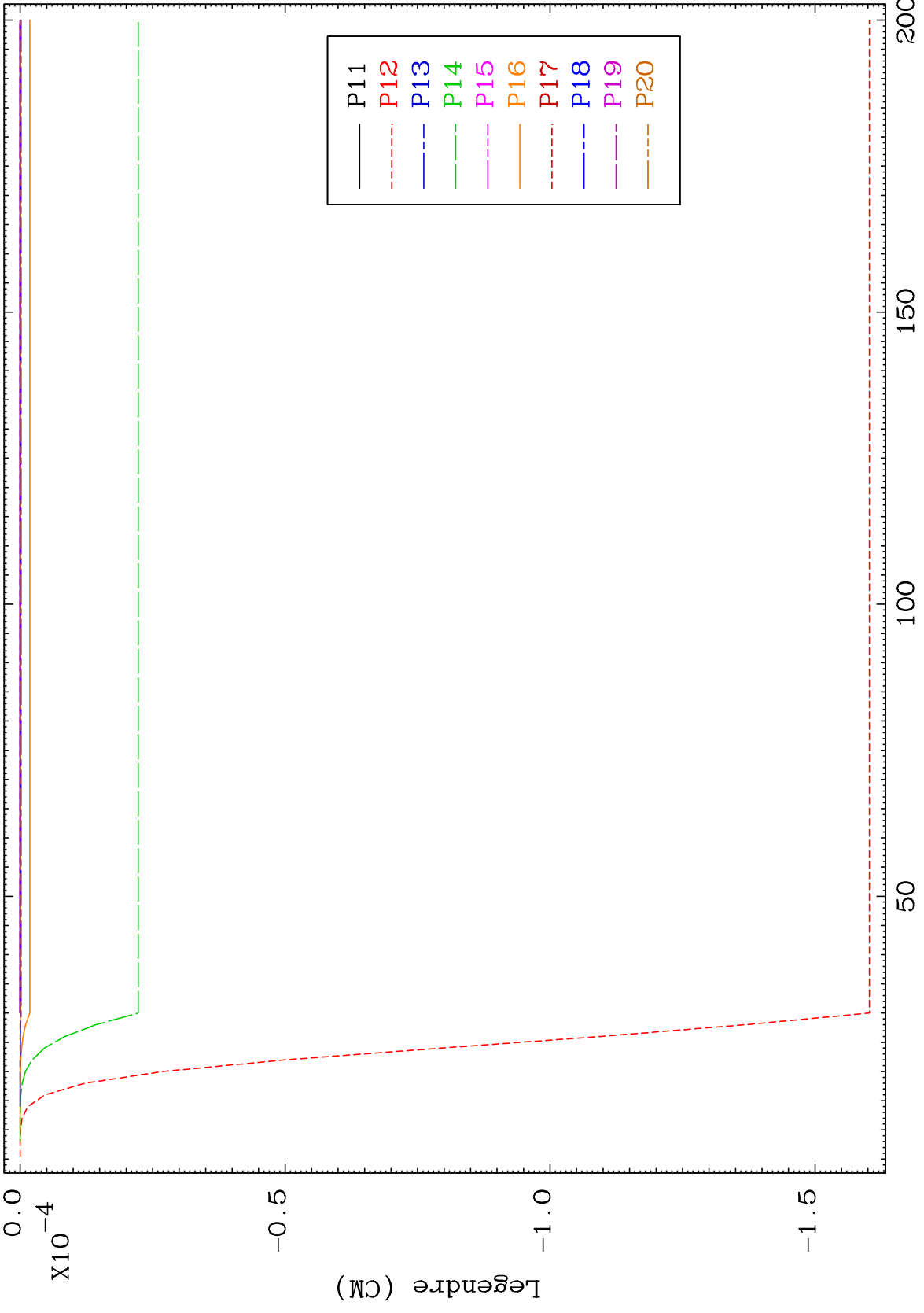
65 19-K -48

MAT 1952 MT= 67 (n,n') Level Legendre Coefficients 19-K -48



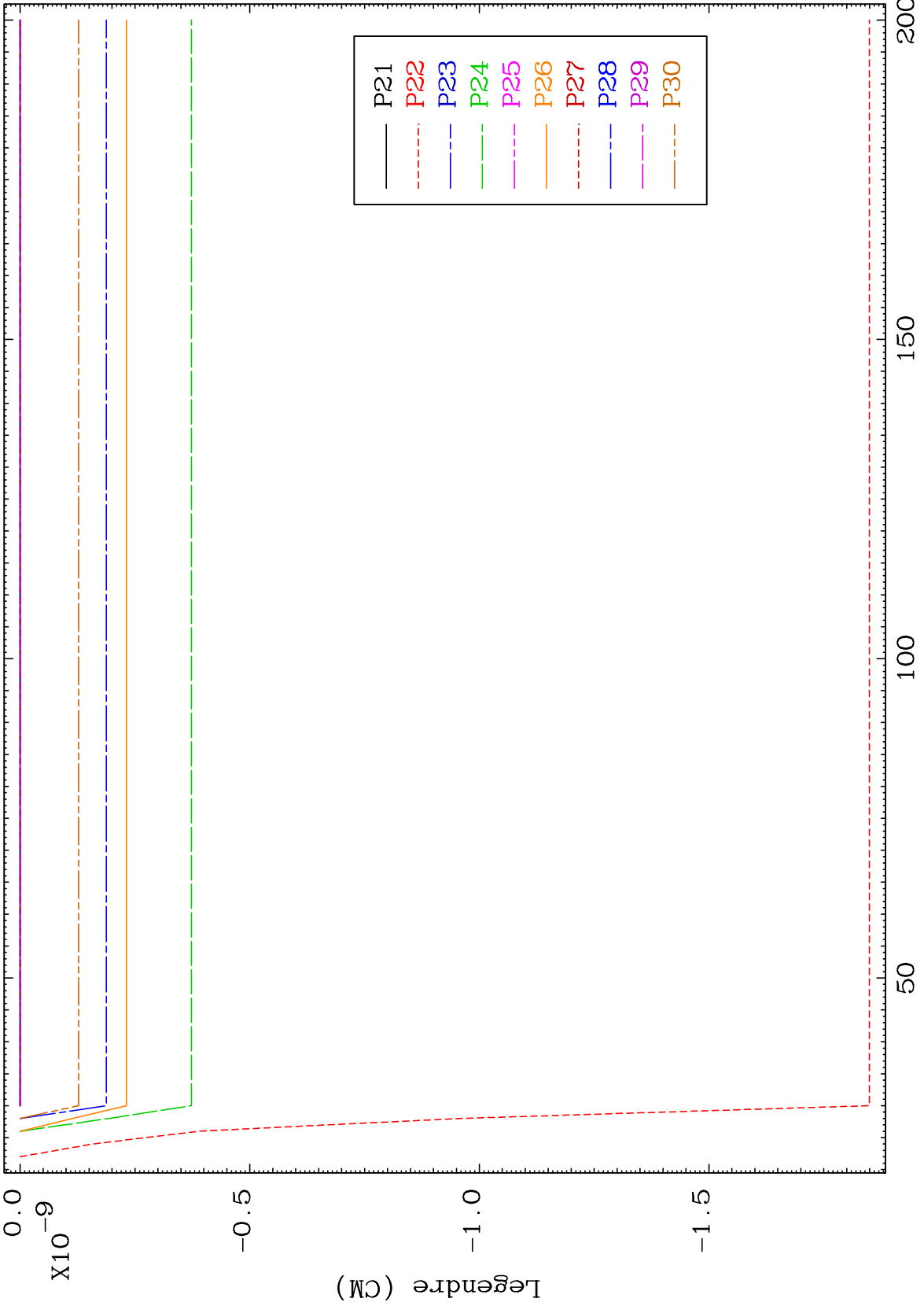
66 19-K -48

MAT 1952 MT= 67 (n,n') Level Legendre Coefficients 19-K -48



67 19-K -48

MAT 1952 MT= 67 (n,n') Level Legendre Coefficients 19-K -48

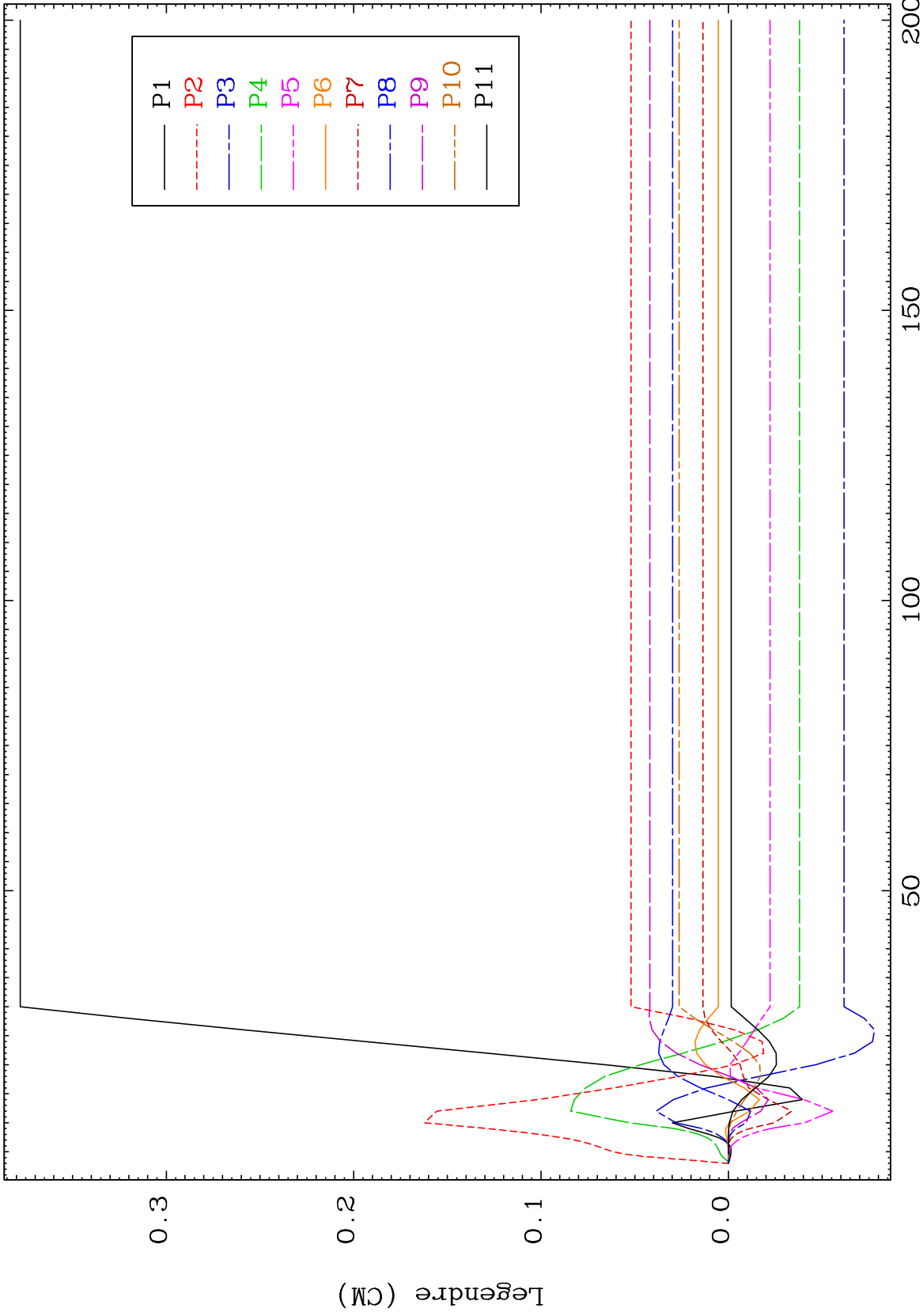


68 19-K -48

MAT 1952

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

19-K -48



69

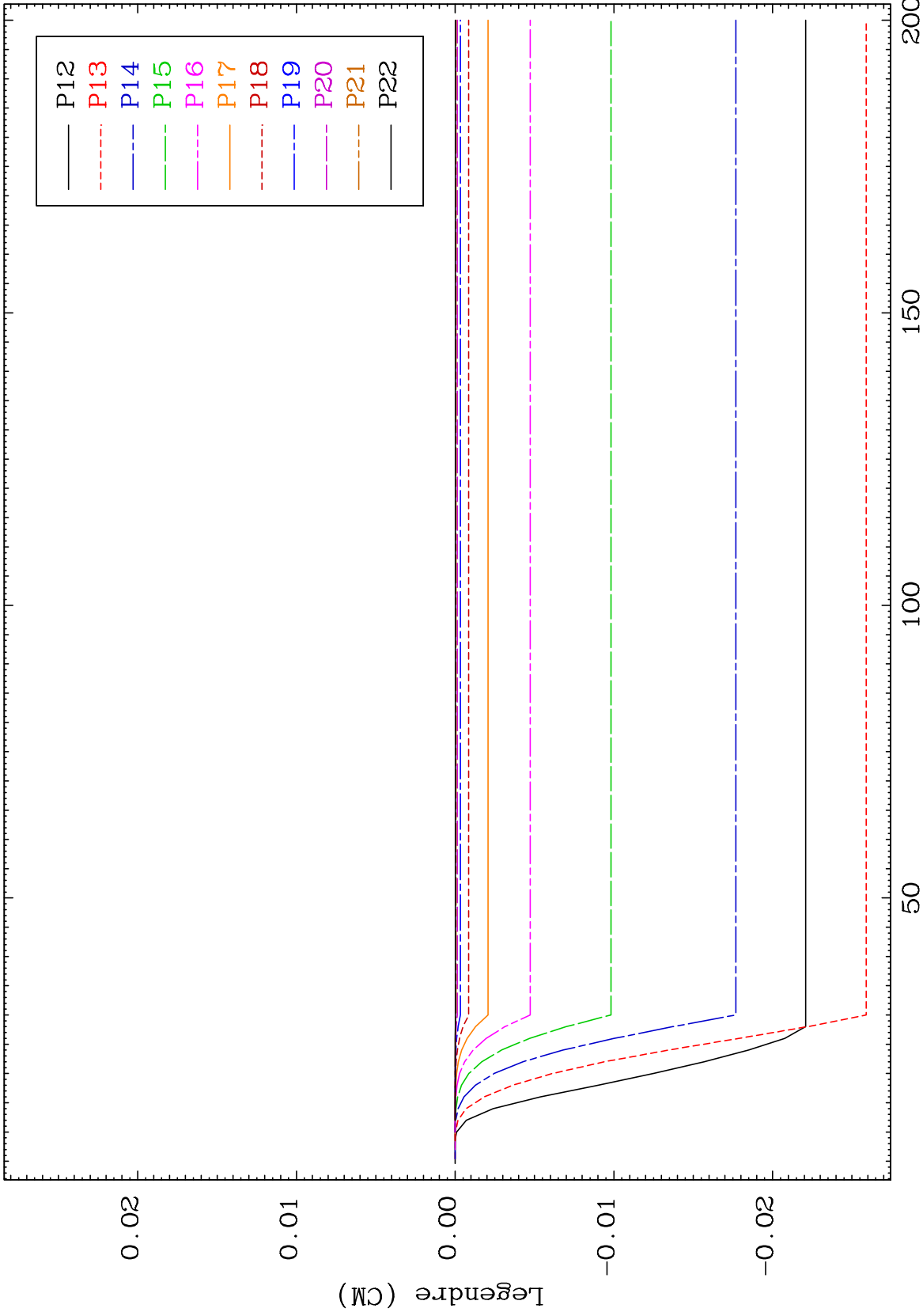
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

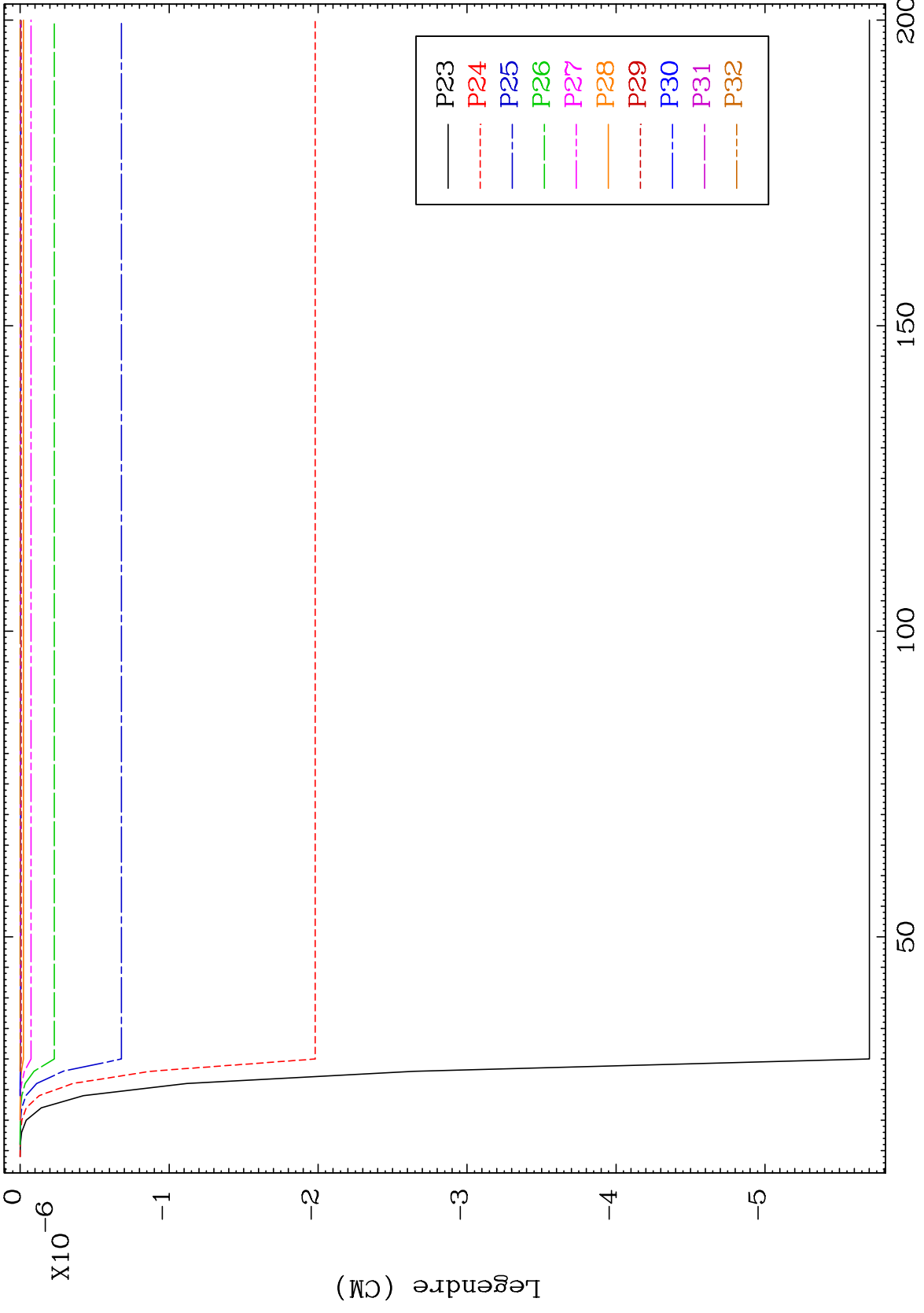


70

Incident Energy (MeV)

19-K -48

MAT 1952 MT= 68 (n,n') Level Legendre Coefficients 19-K -48

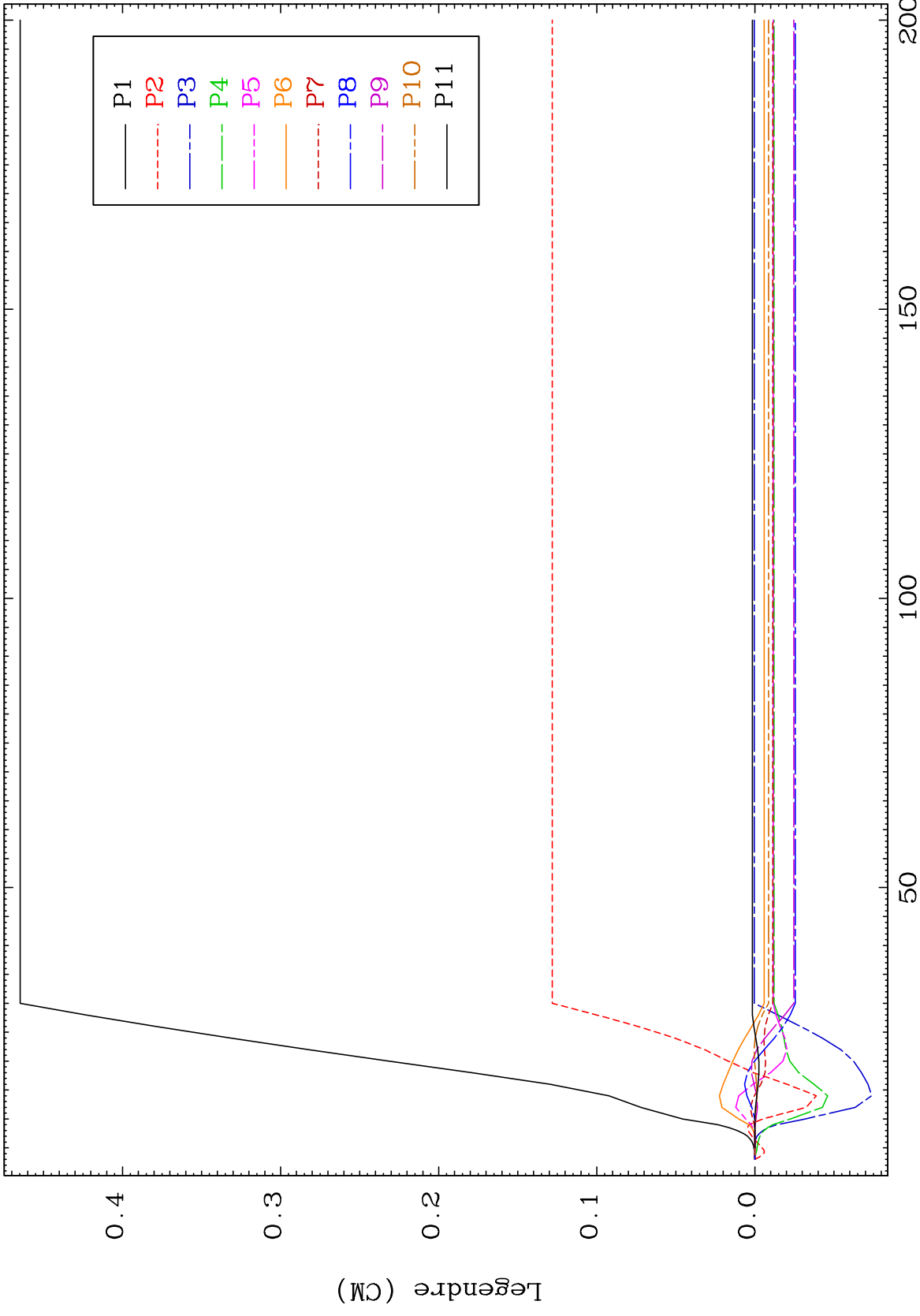


71 19-K -48

MAT 1952

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

19-K -48



72

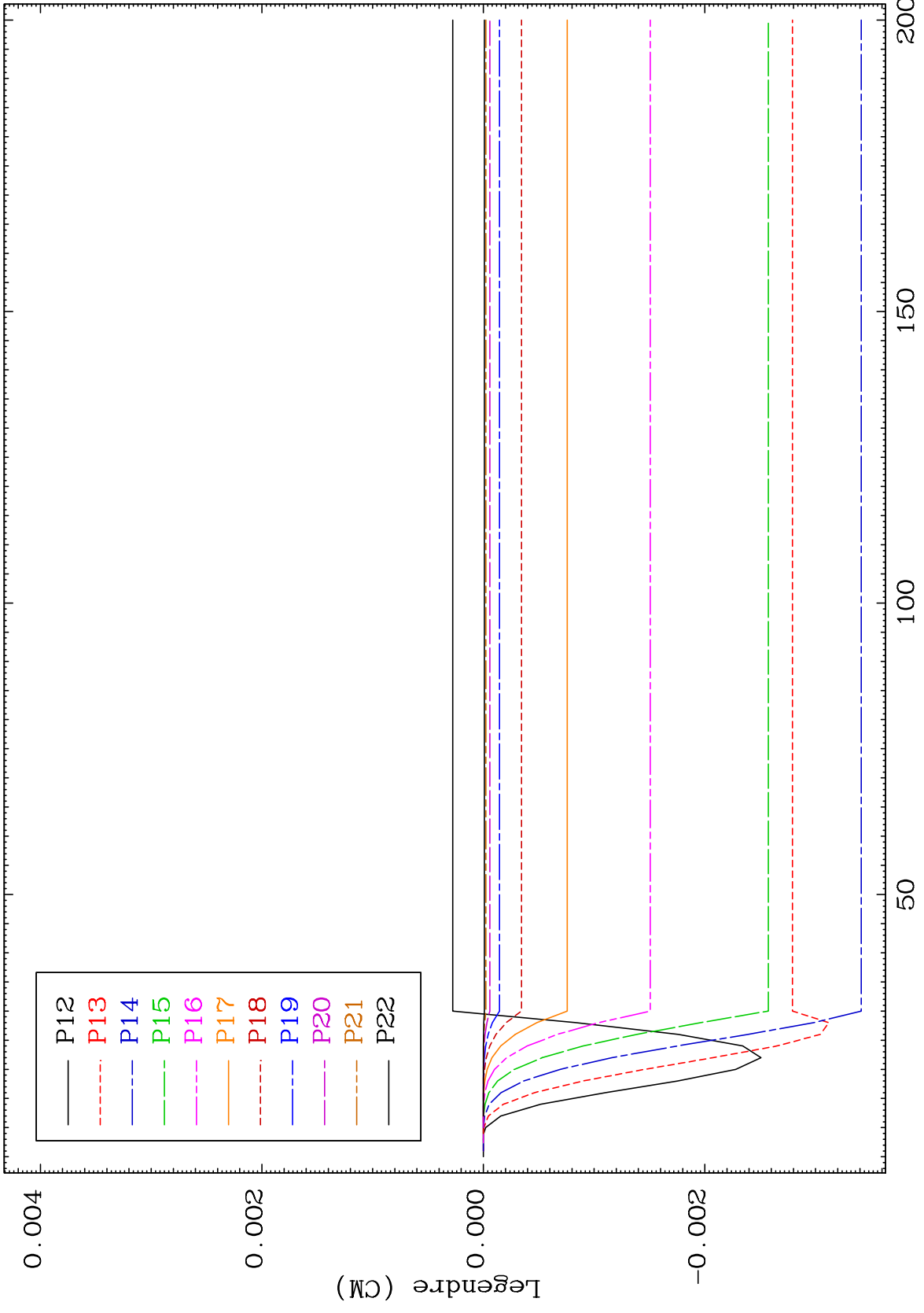
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

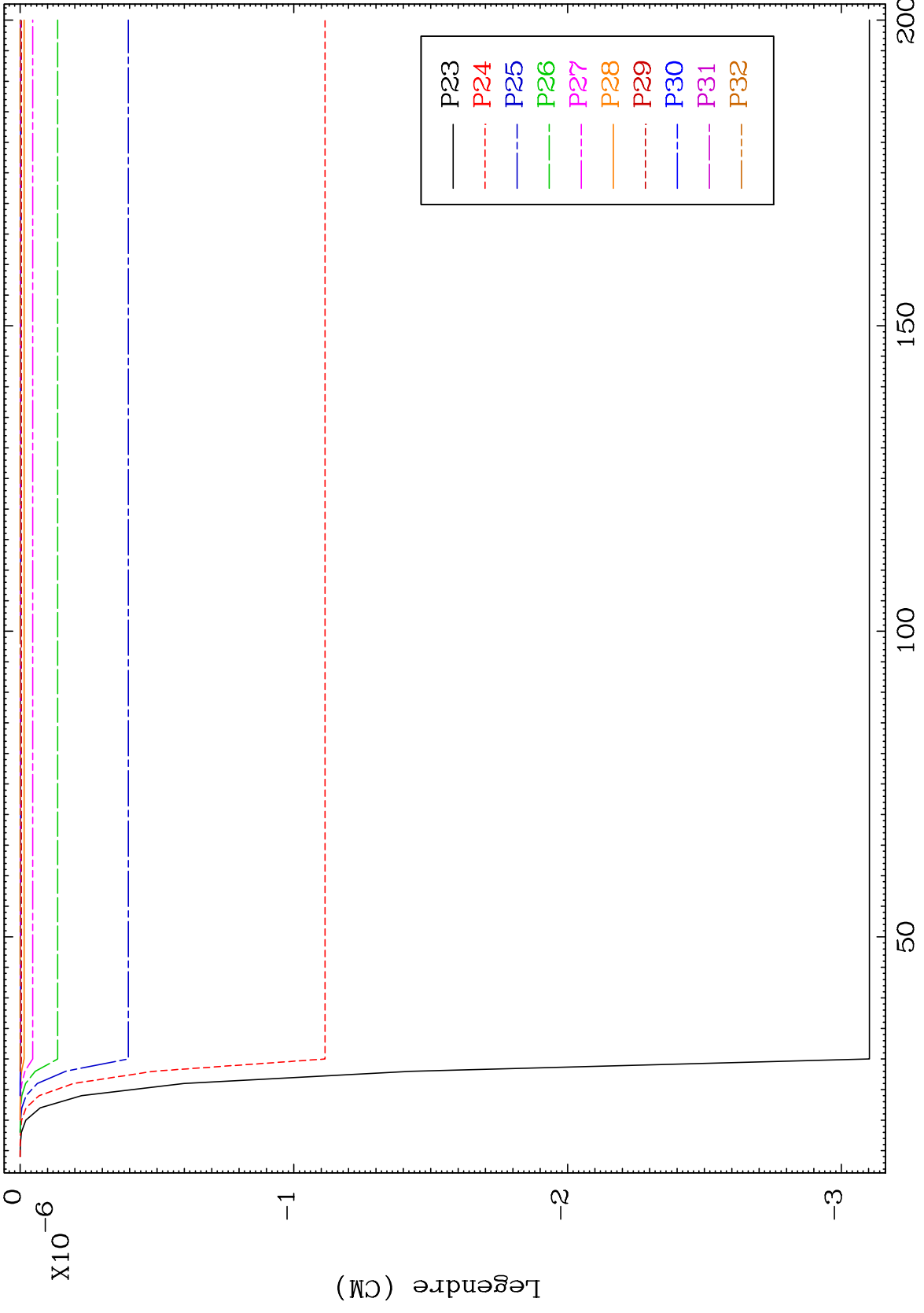


73

Incident Energy (MeV)

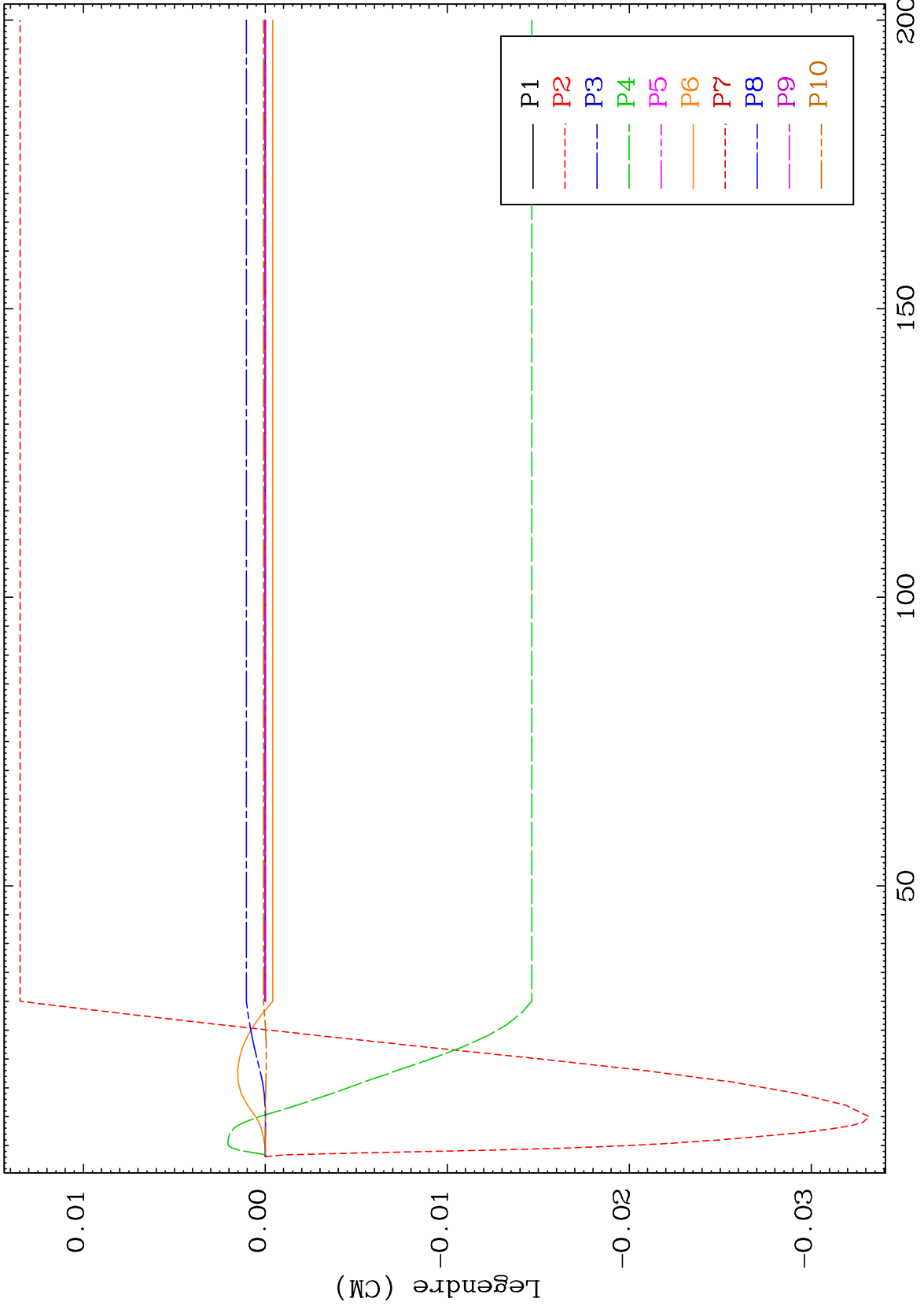
19-K -48

MAT 1952 MT= 69 (n,n') Level Legendre Coefficients 19-K -48



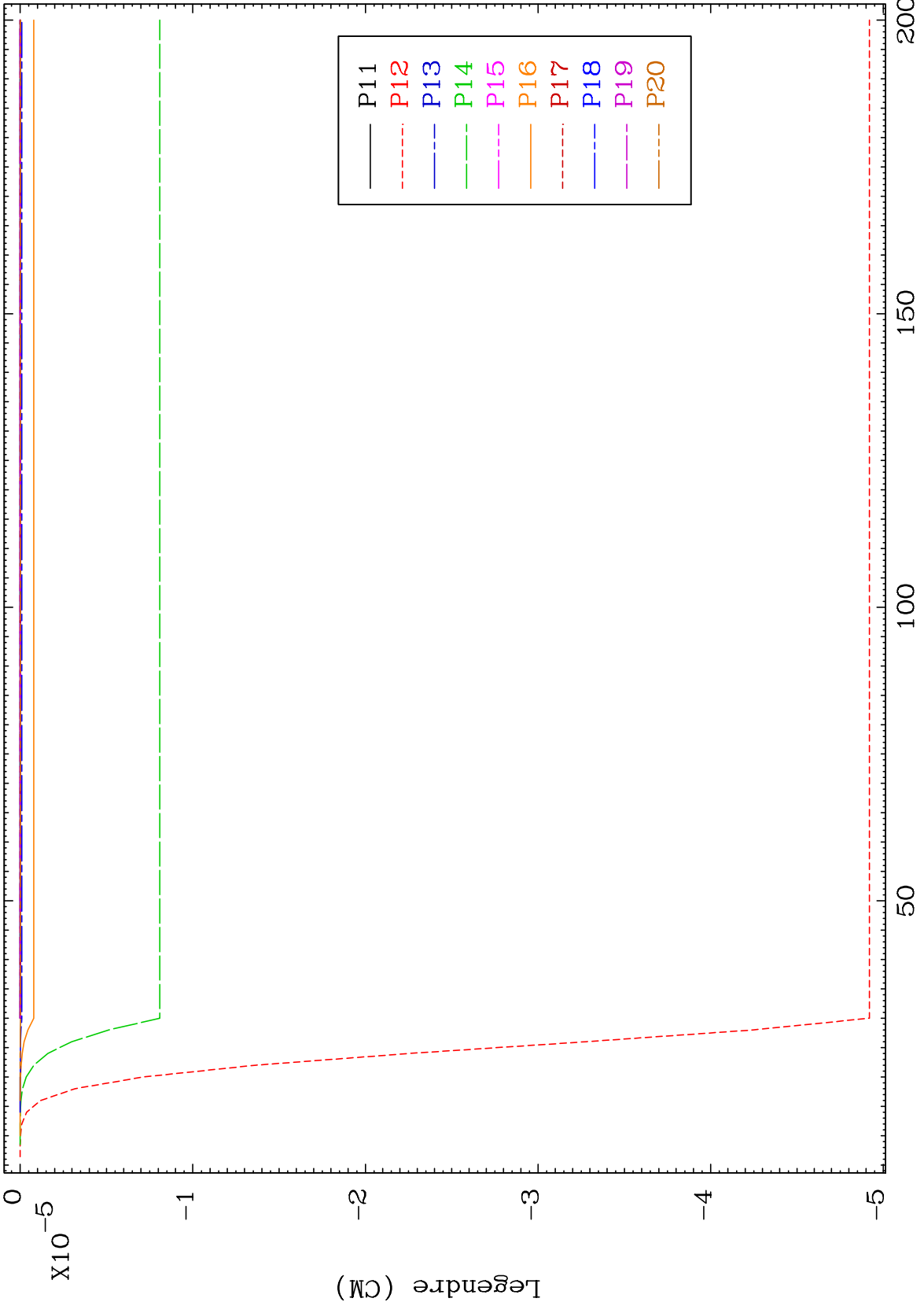
74 19-K -48

MAT 1952 MT= 70 (n,n') Level Legendre Coefficients 19-K -48



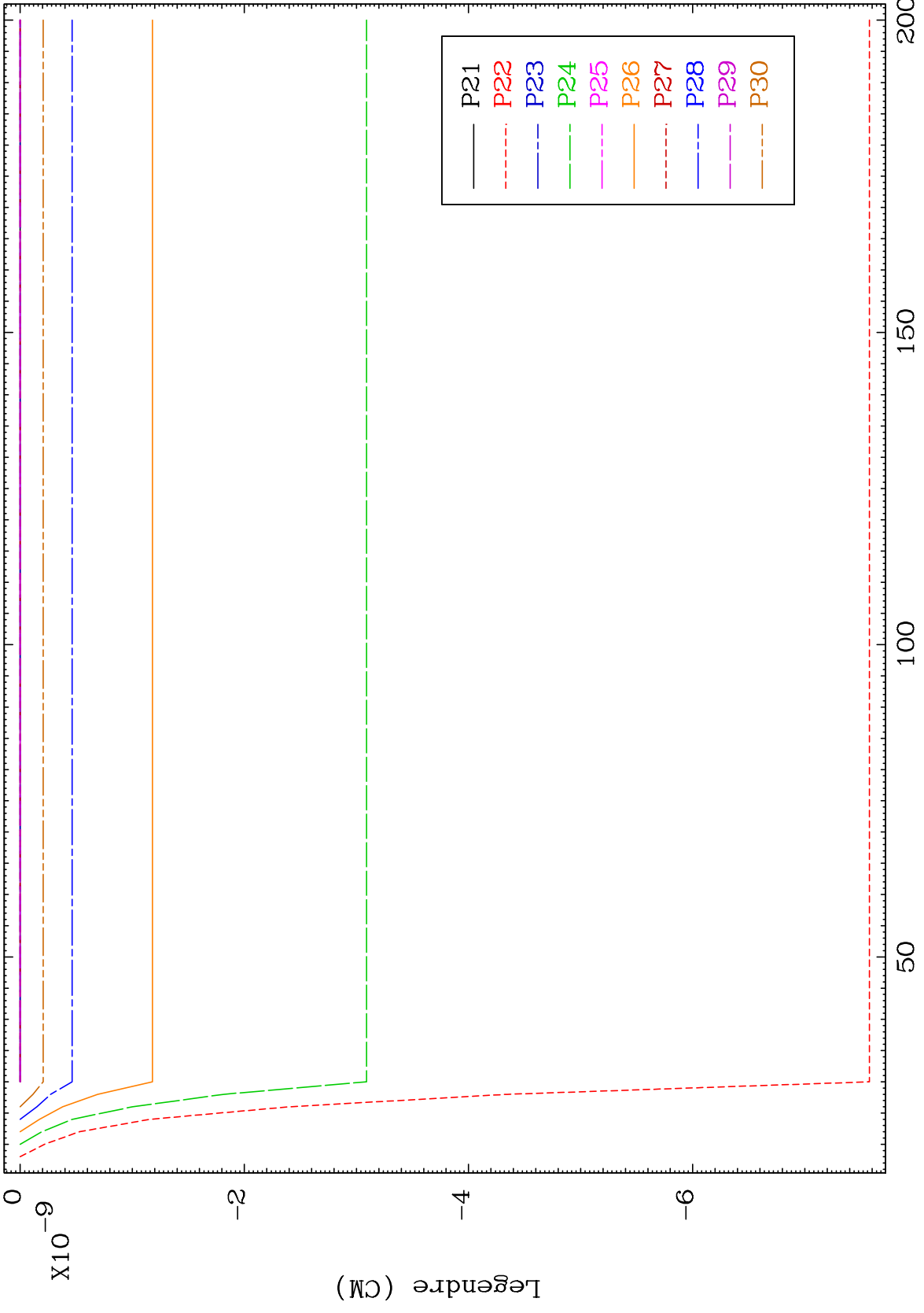
75 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 70 (n,n') Level Legendre Coefficients 19-K -48

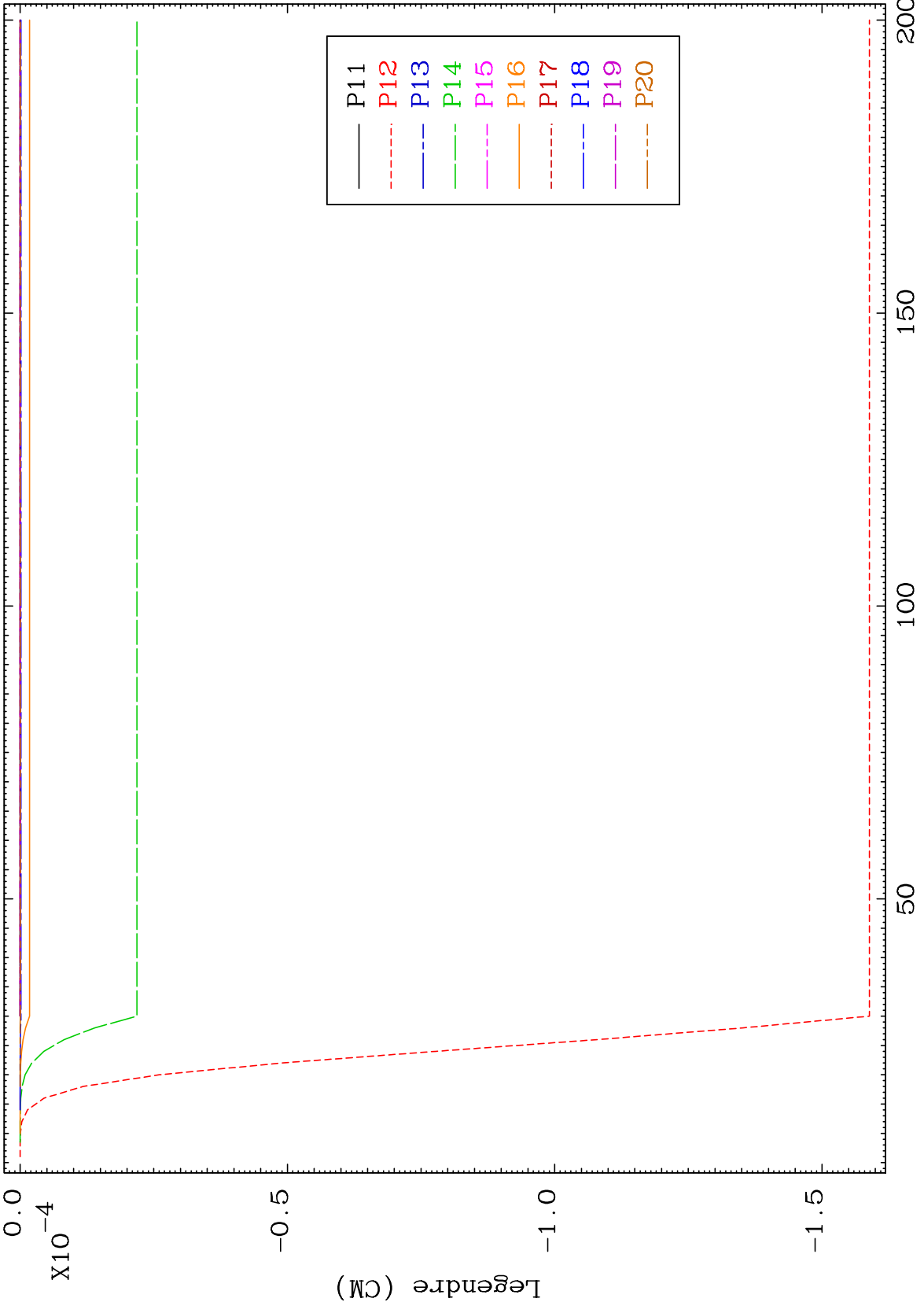


76 Incident Energy (MeV) 19-K -48

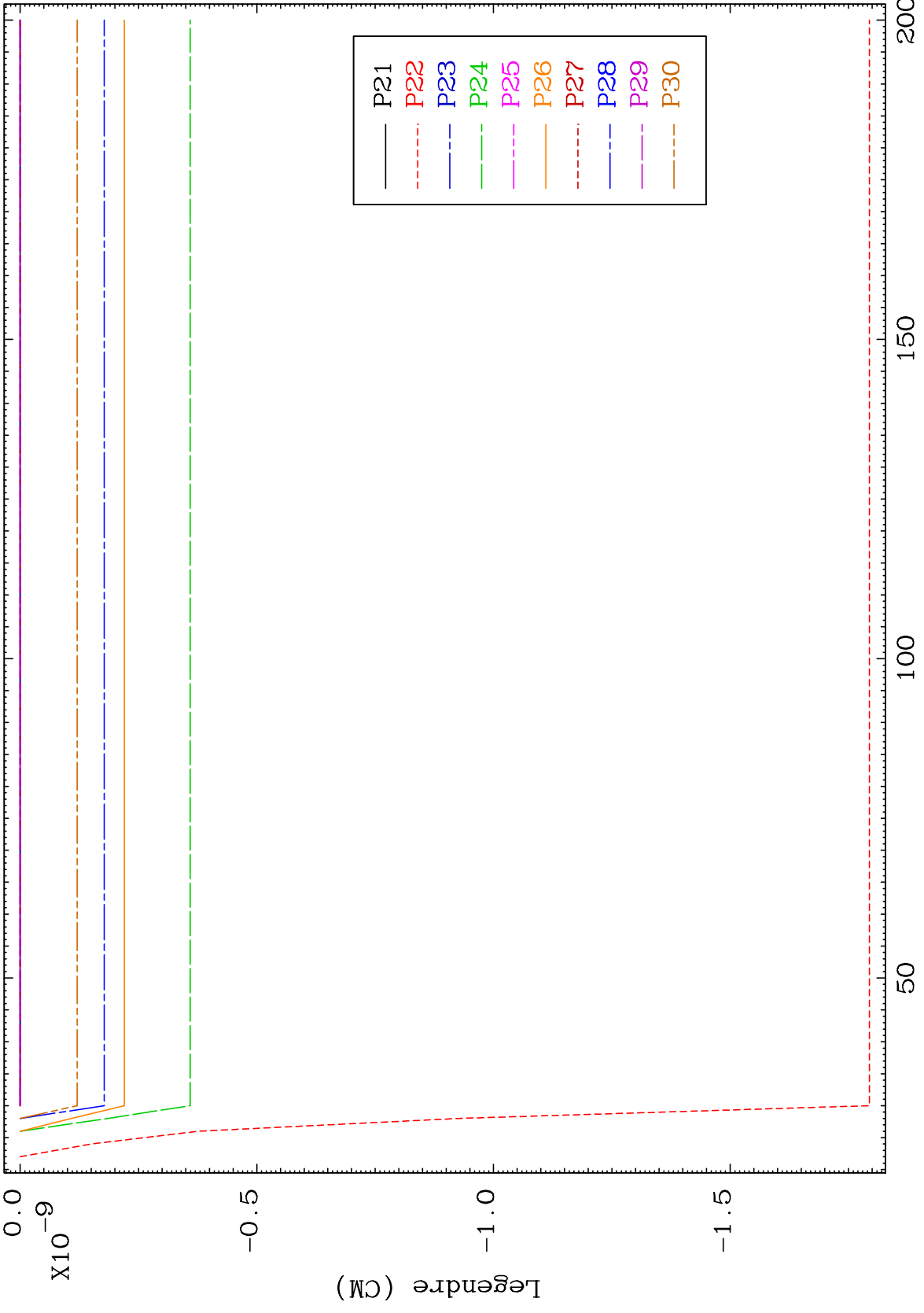
MAT 1952 MT= 70 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952 MT= 71 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952 MT= 71 (n,n') Level Legendre Coefficients 19-K -48

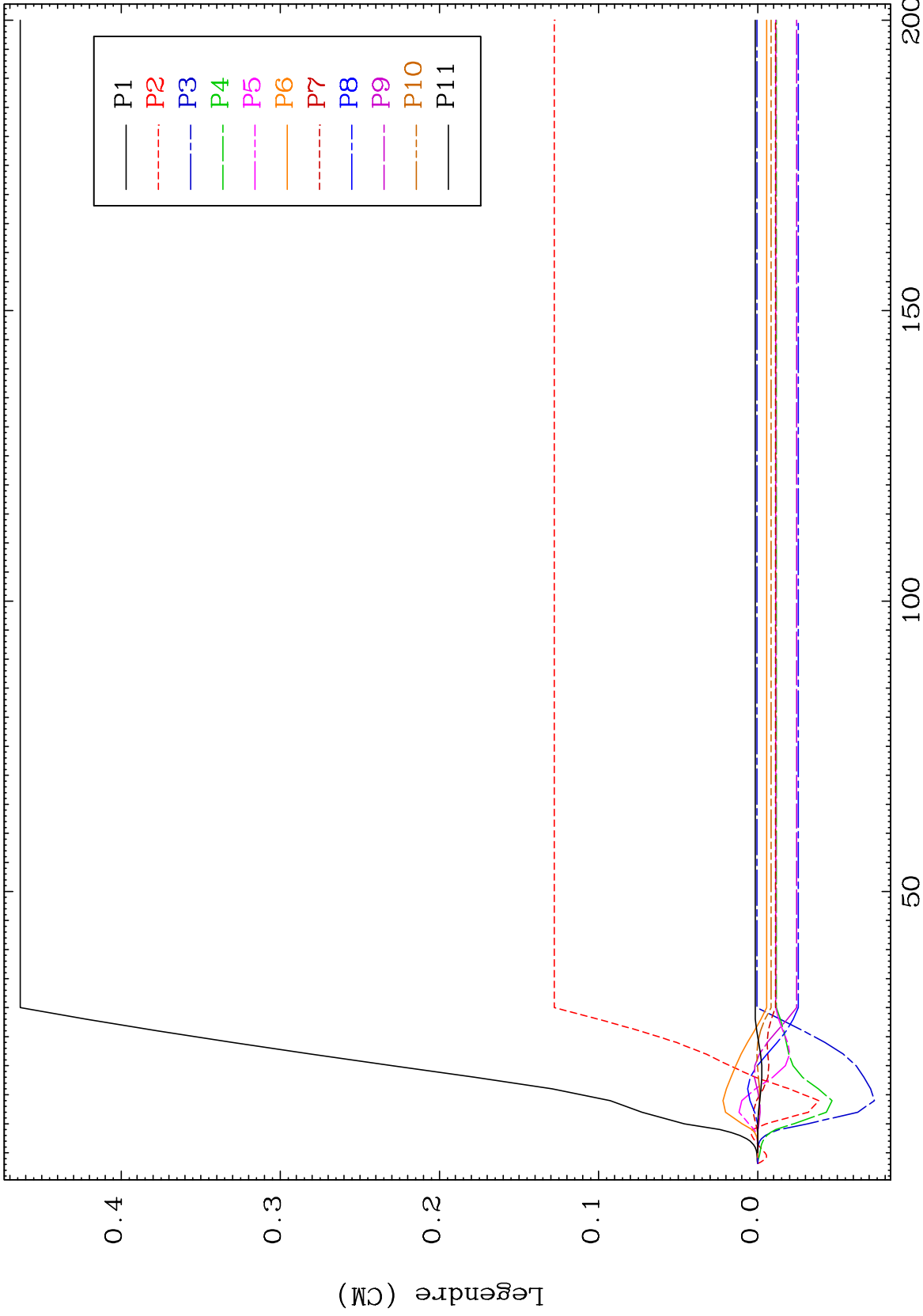


80 50 100 150 200 Incident Energy (MeV) 19-K -48

MAT 1952

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

19-K -48



81

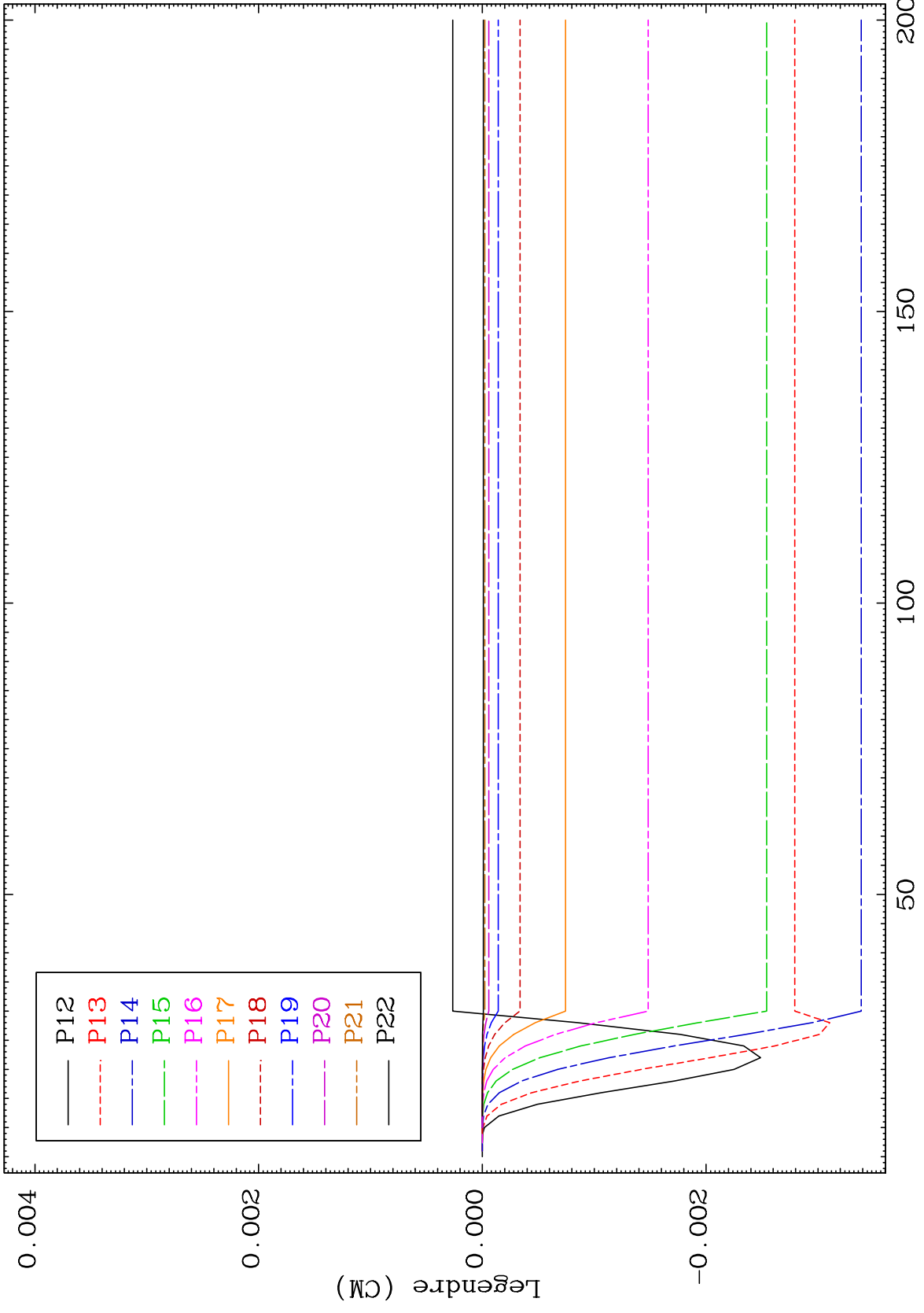
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

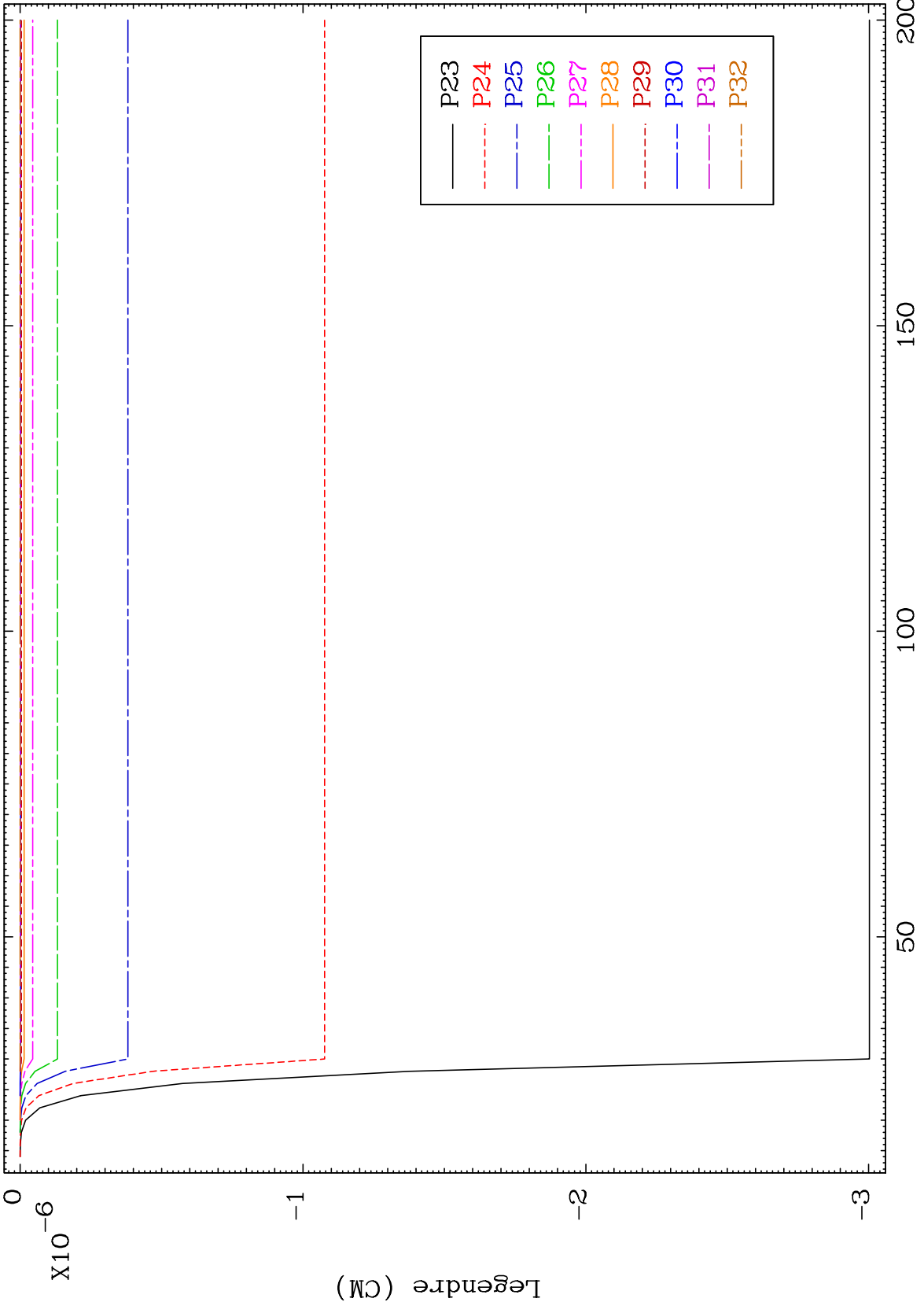


82

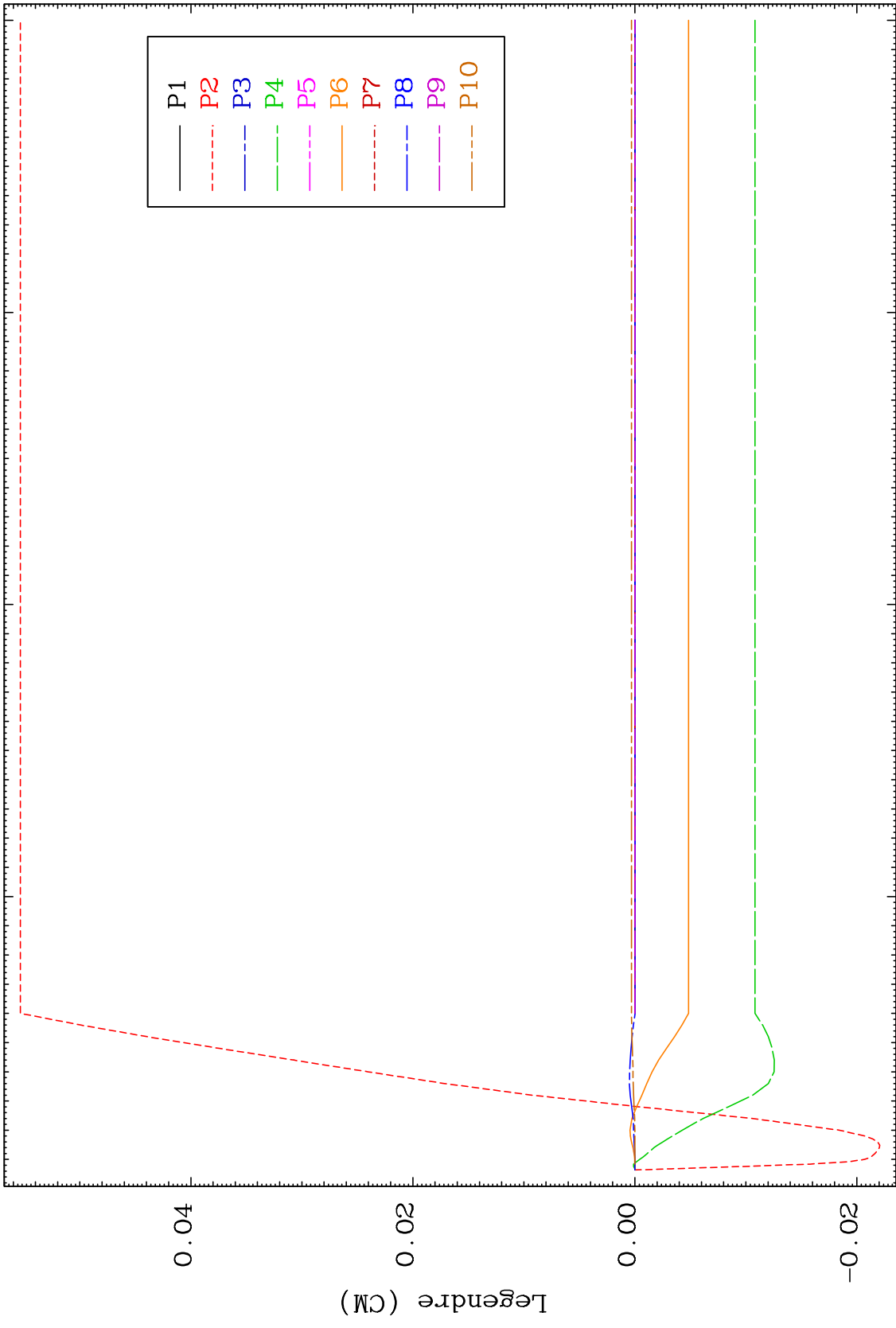
Incident Energy (MeV)

19-K -48

MAT 1952 MT= 72 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952 MT= 73 (n,n') Level Legendre Coefficients 19-K -48

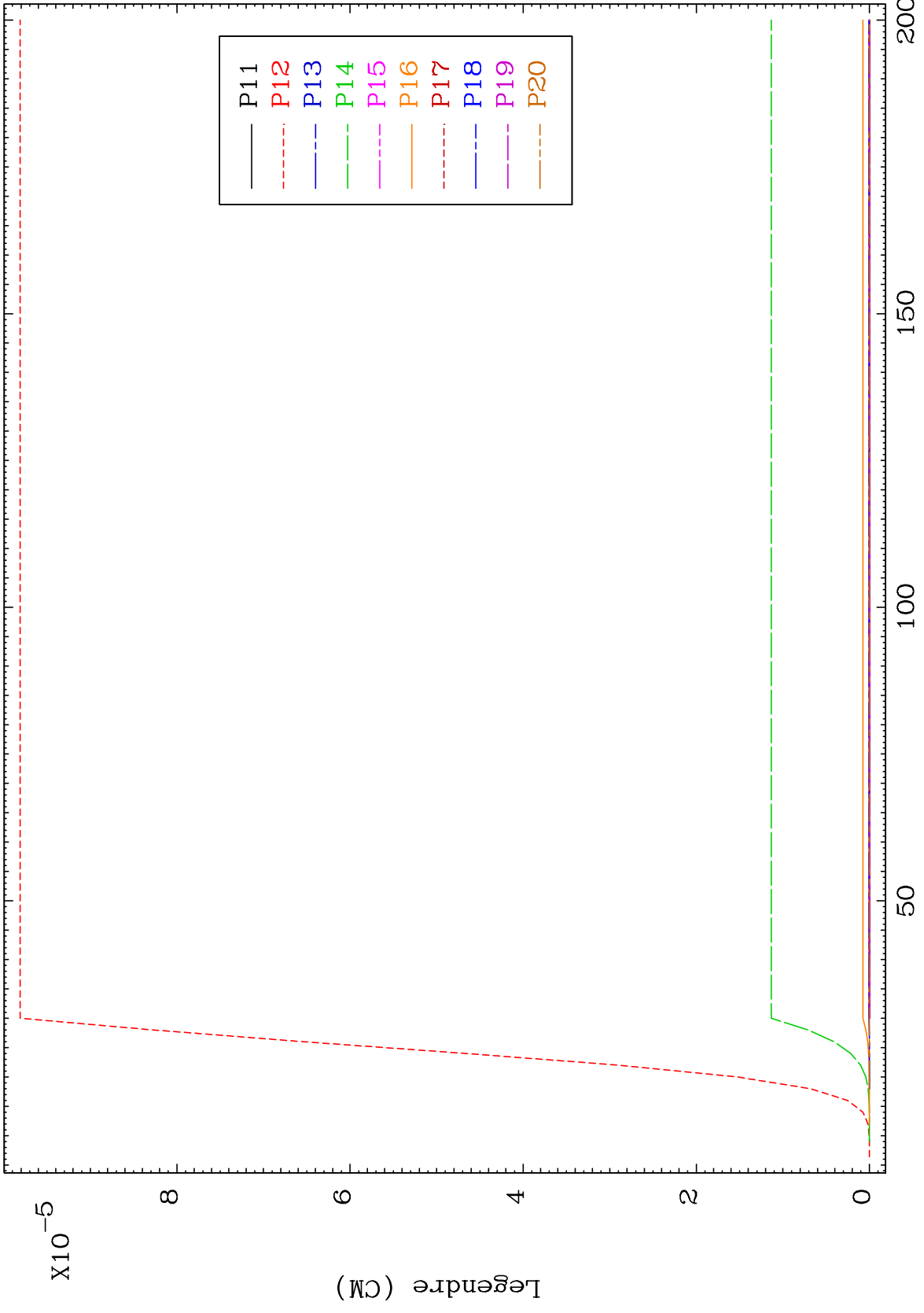


84 19-K -48

MAT 1952

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

19-K -48



85

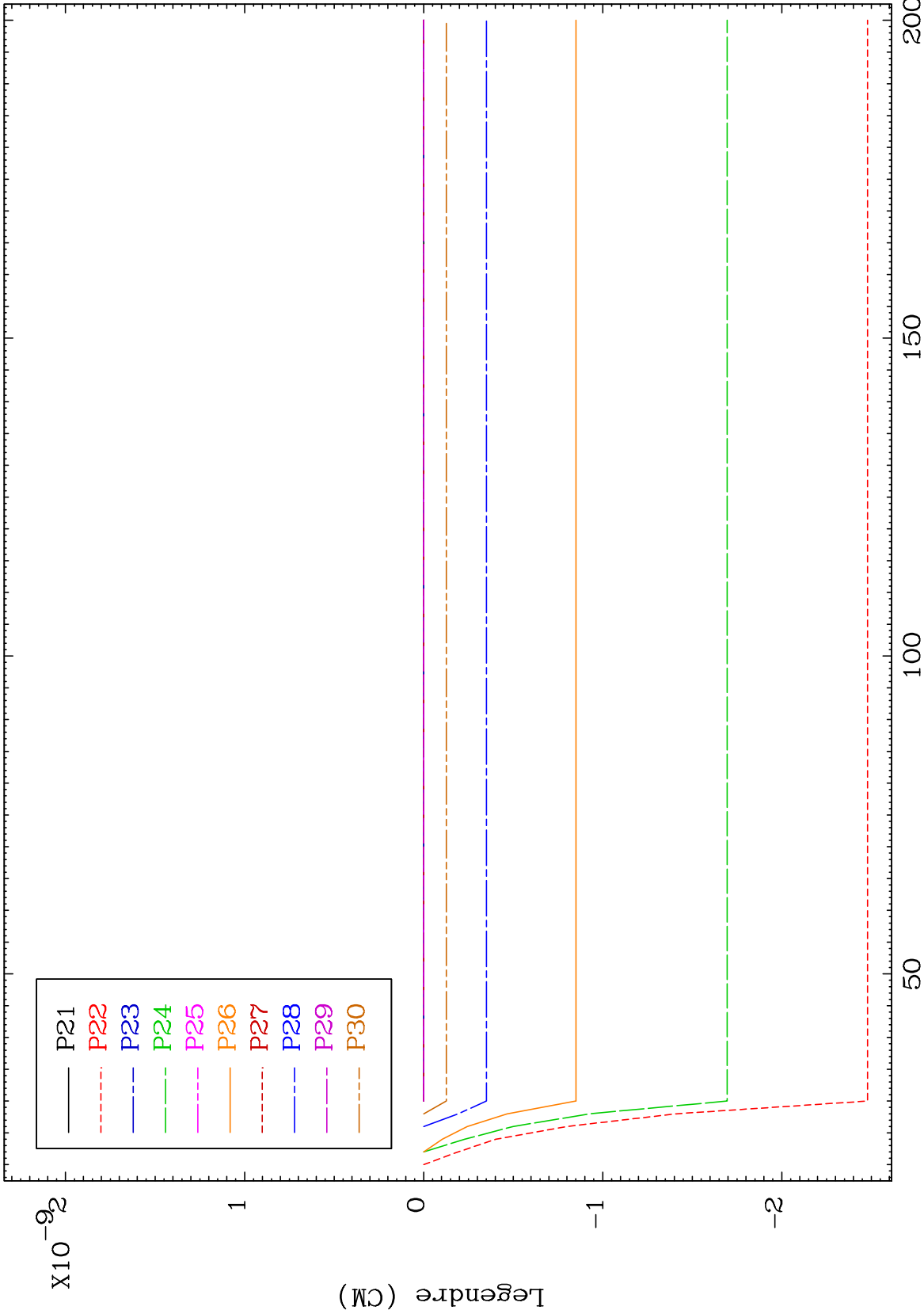
Incident Energy (MeV)

19-K -48

MAT 1952

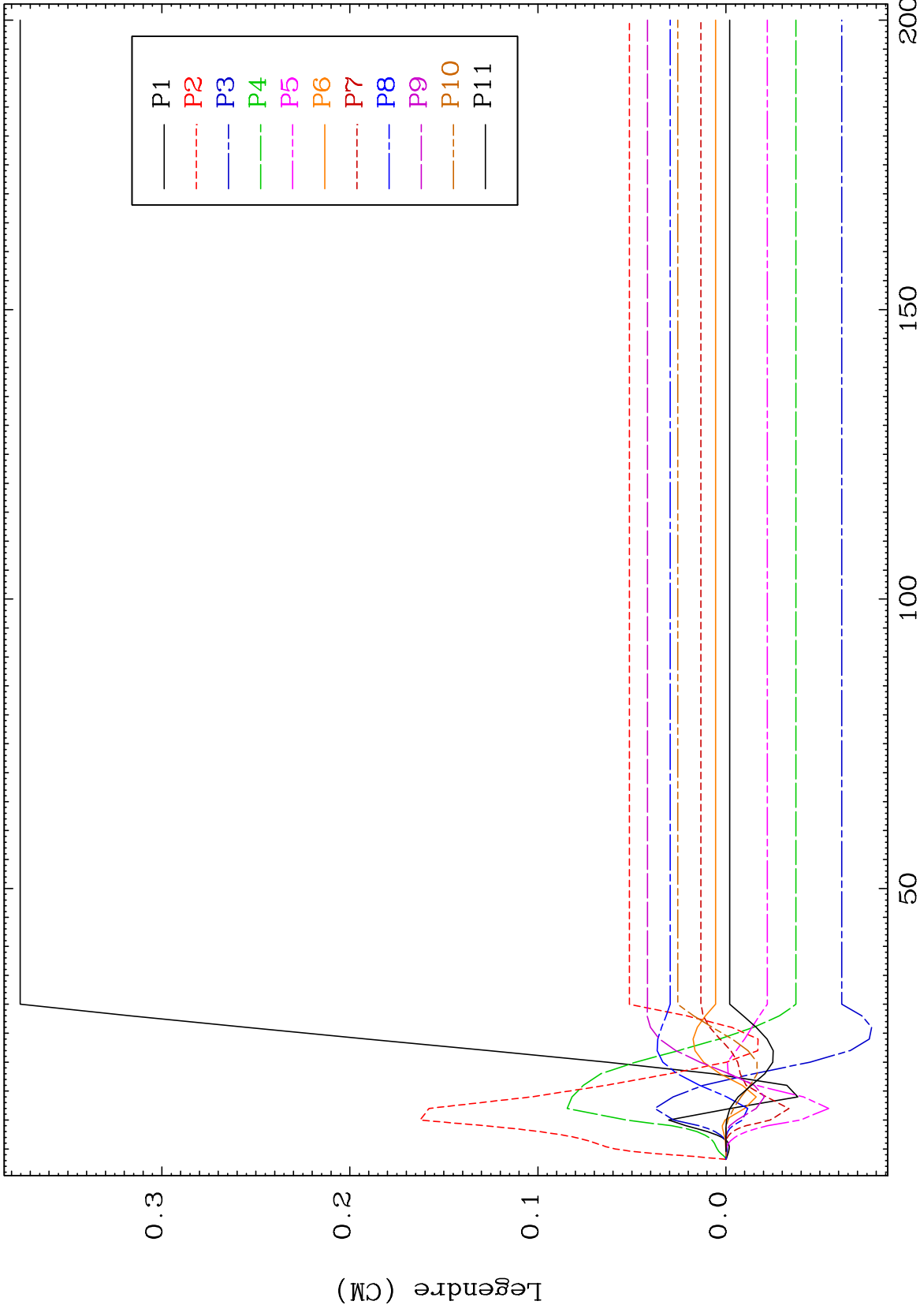
MT= 73 (n,n') Level
Legendre Coefficients

19-K -48



86

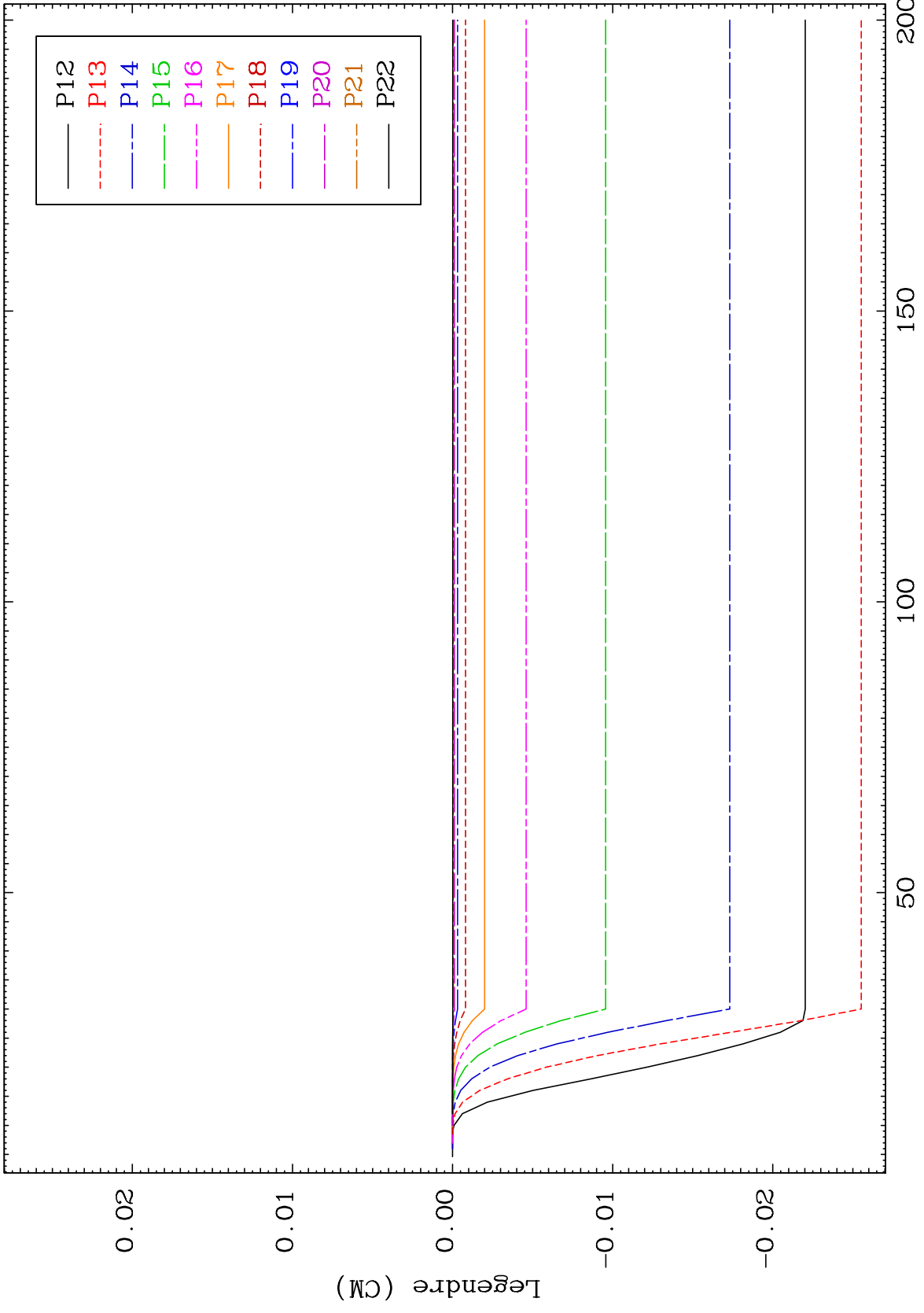
19-K -48



MAT 1952

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

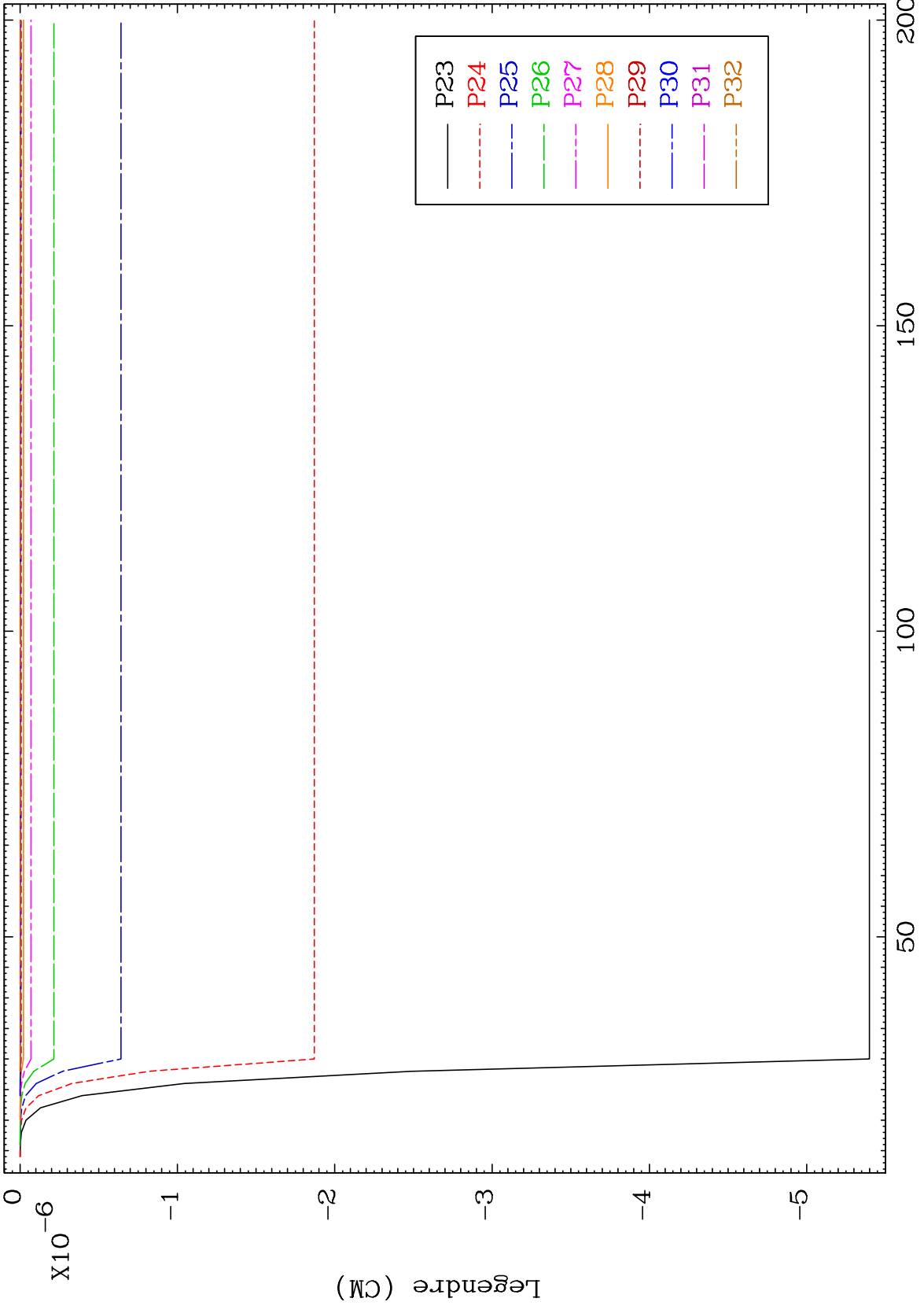
19-K -48



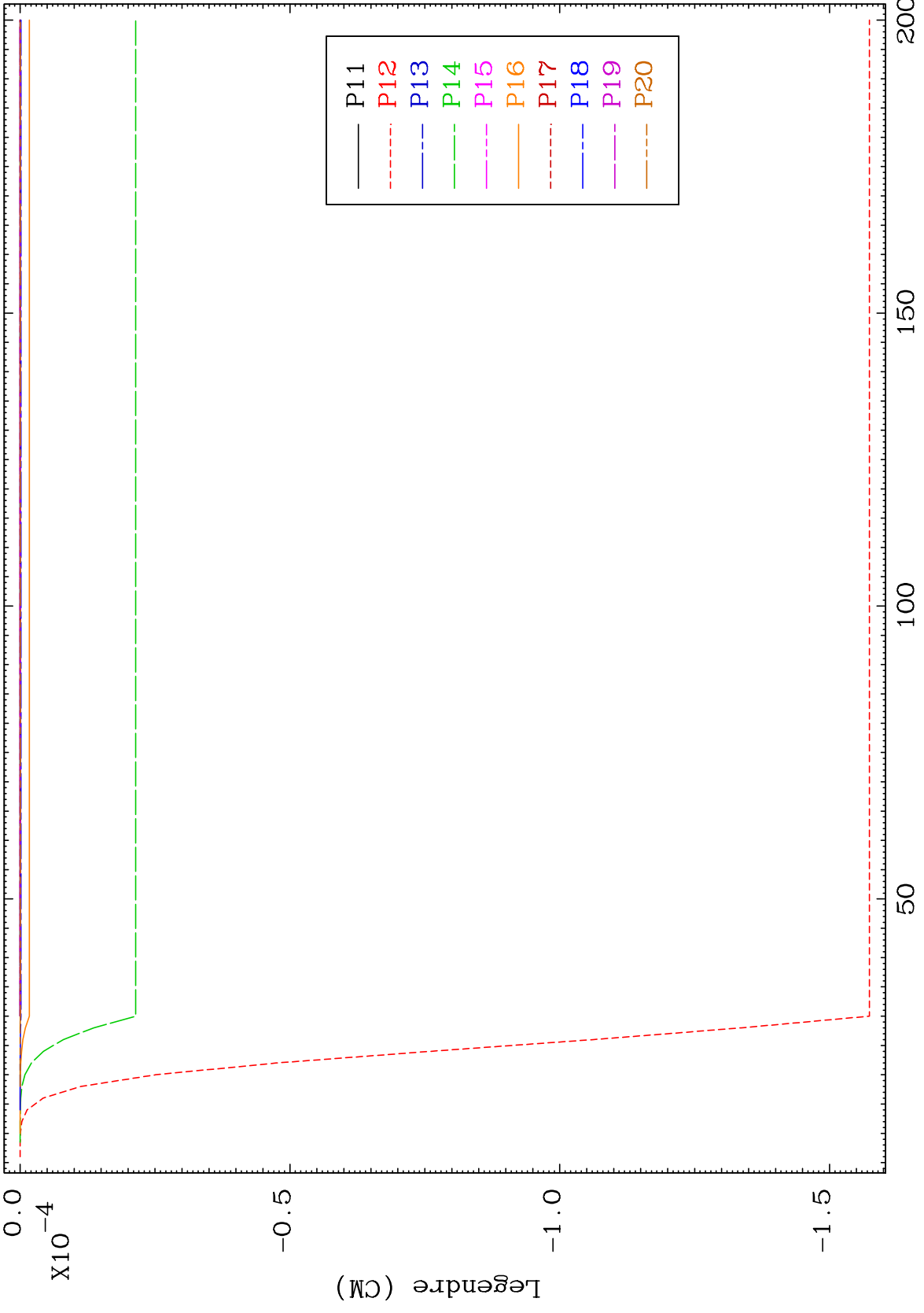
88

19-K -48

MAT 1952 MT= 74 (n,n') Level Legendre Coefficients 19-K -48

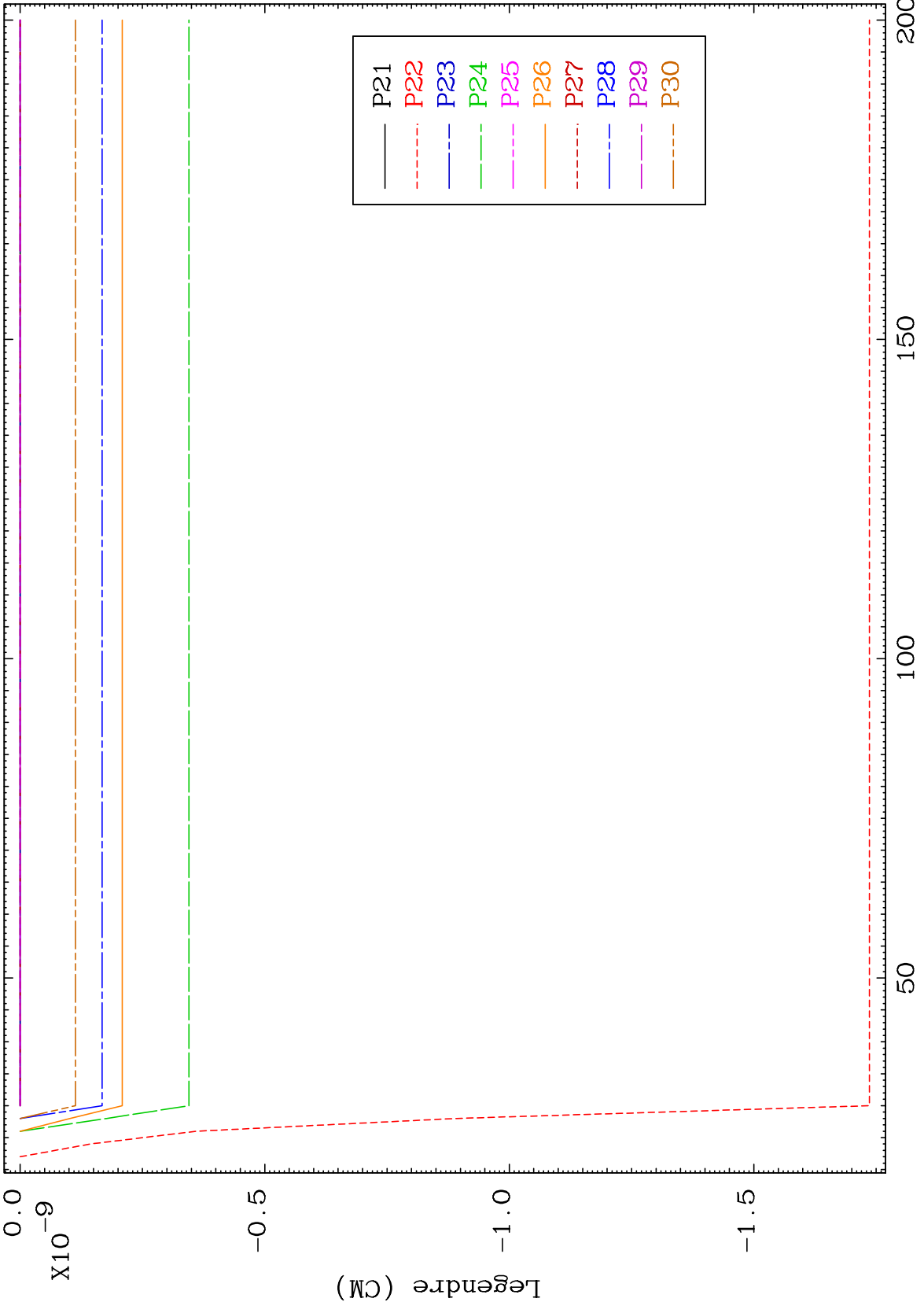


MAT 1952 MT= 75 (n,n') Level Legendre Coefficients 19-K -48



91 19-K -48

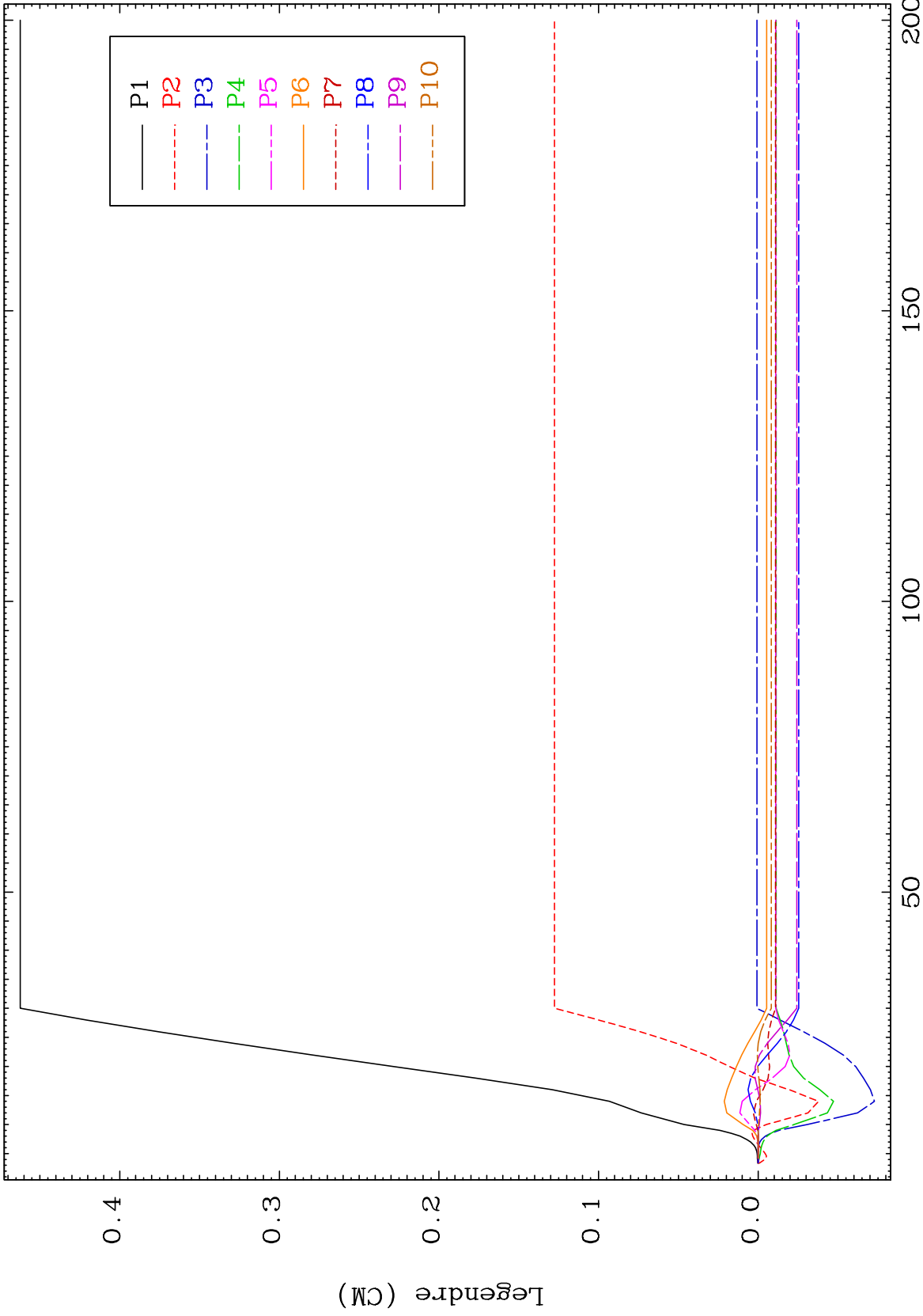
MAT 1952 MT= 75 (n,n') Level Legendre Coefficients 19-K -48



MAT 1952

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

19-K -48



93

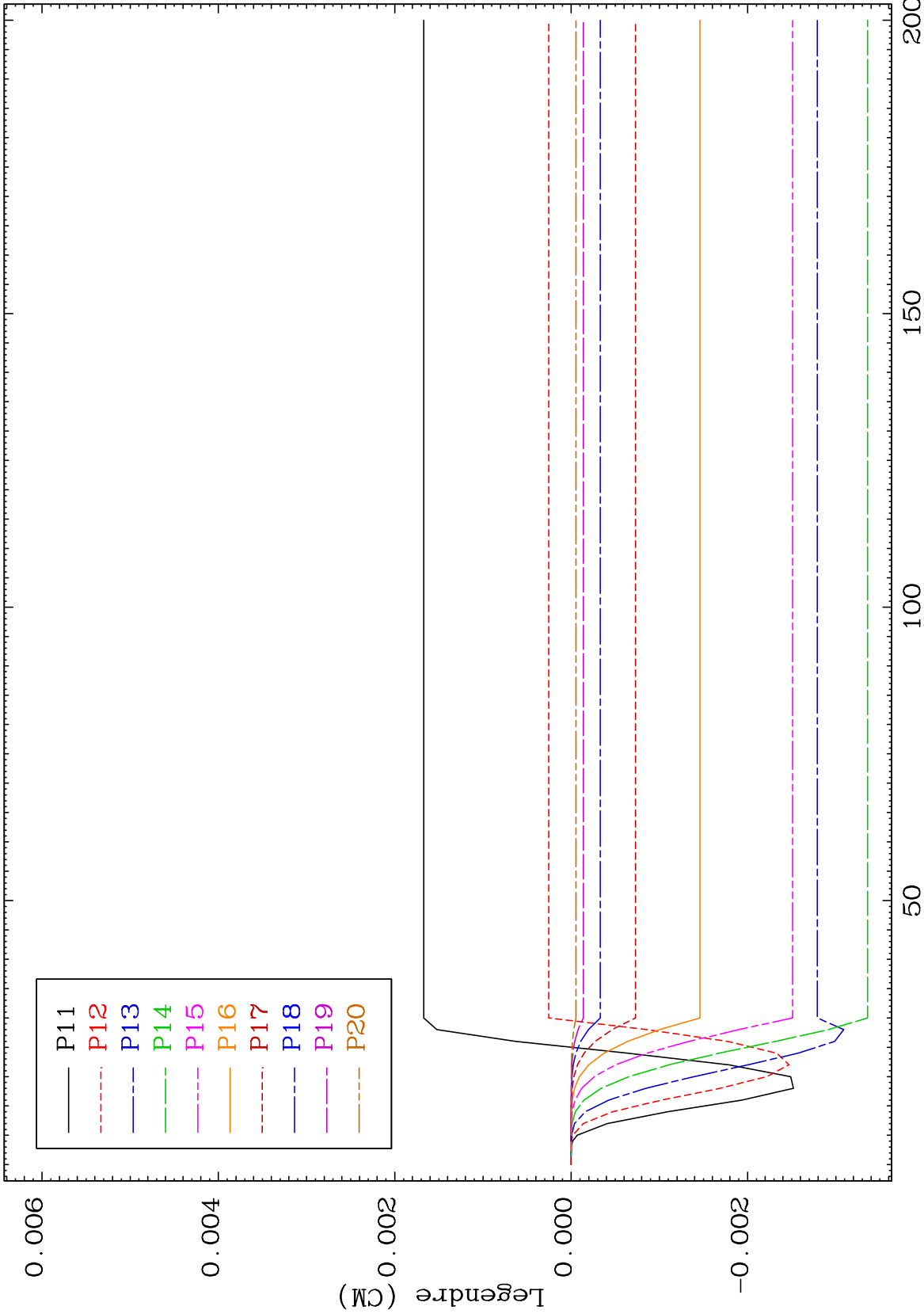
Incident Energy (MeV)

19-K -48

MAT 1952

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

19-K -48

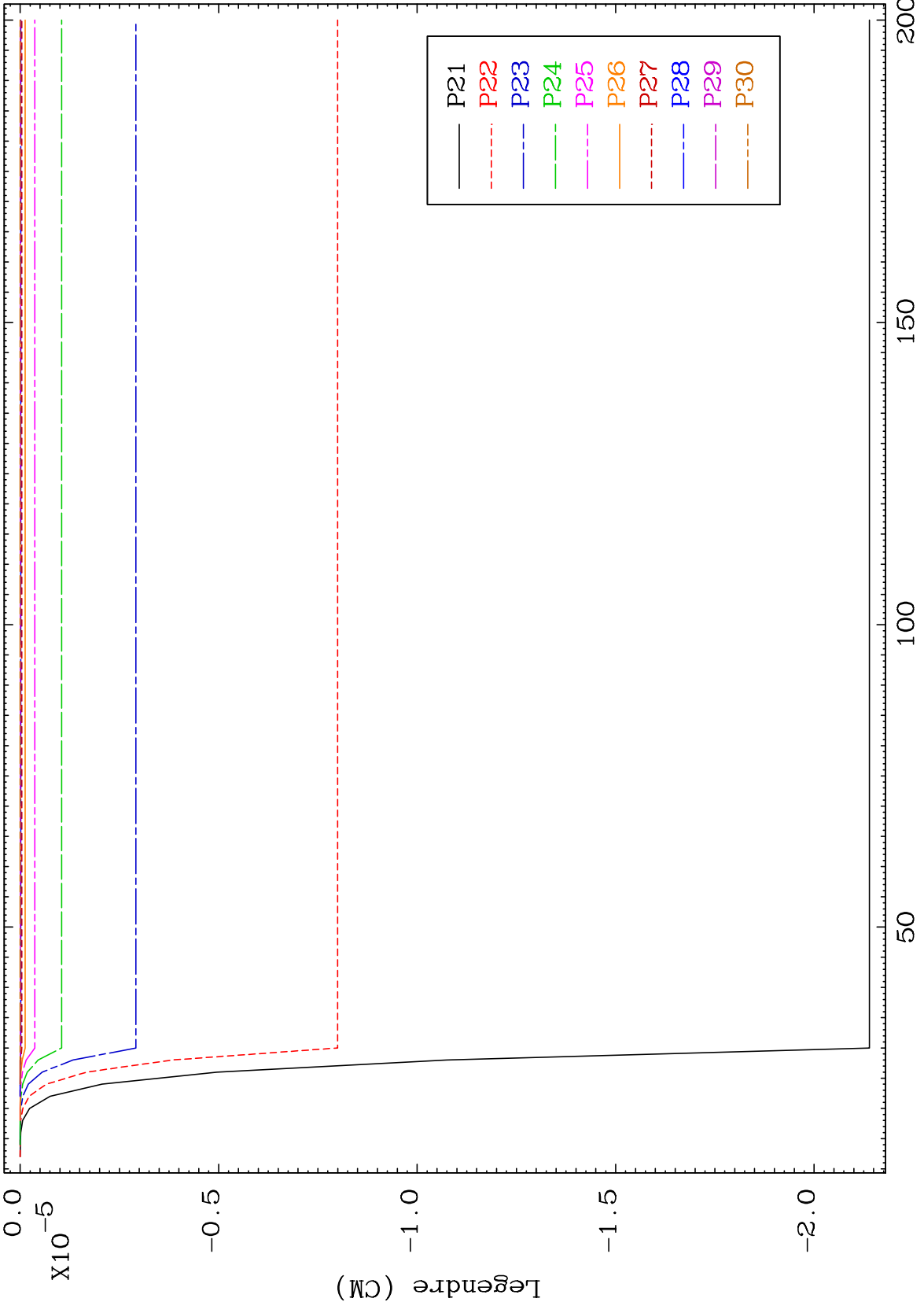


94

Incident Energy (MeV)

19-K -48

MAT 1952 MT= 76 (n,n') Level Legendre Coefficients 19-K -48

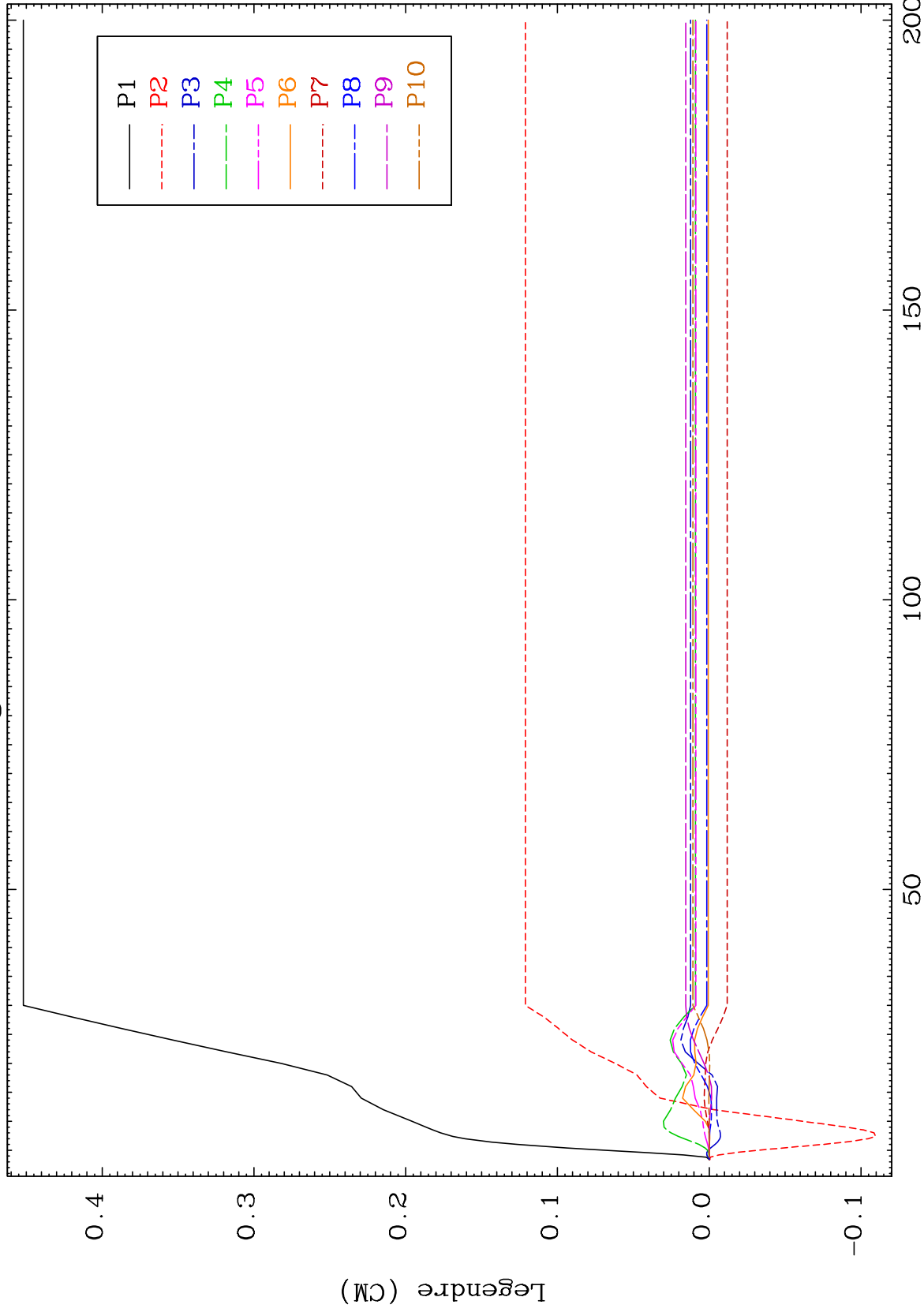


95 19-K -48

MAT 1952

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

19-K -48



96

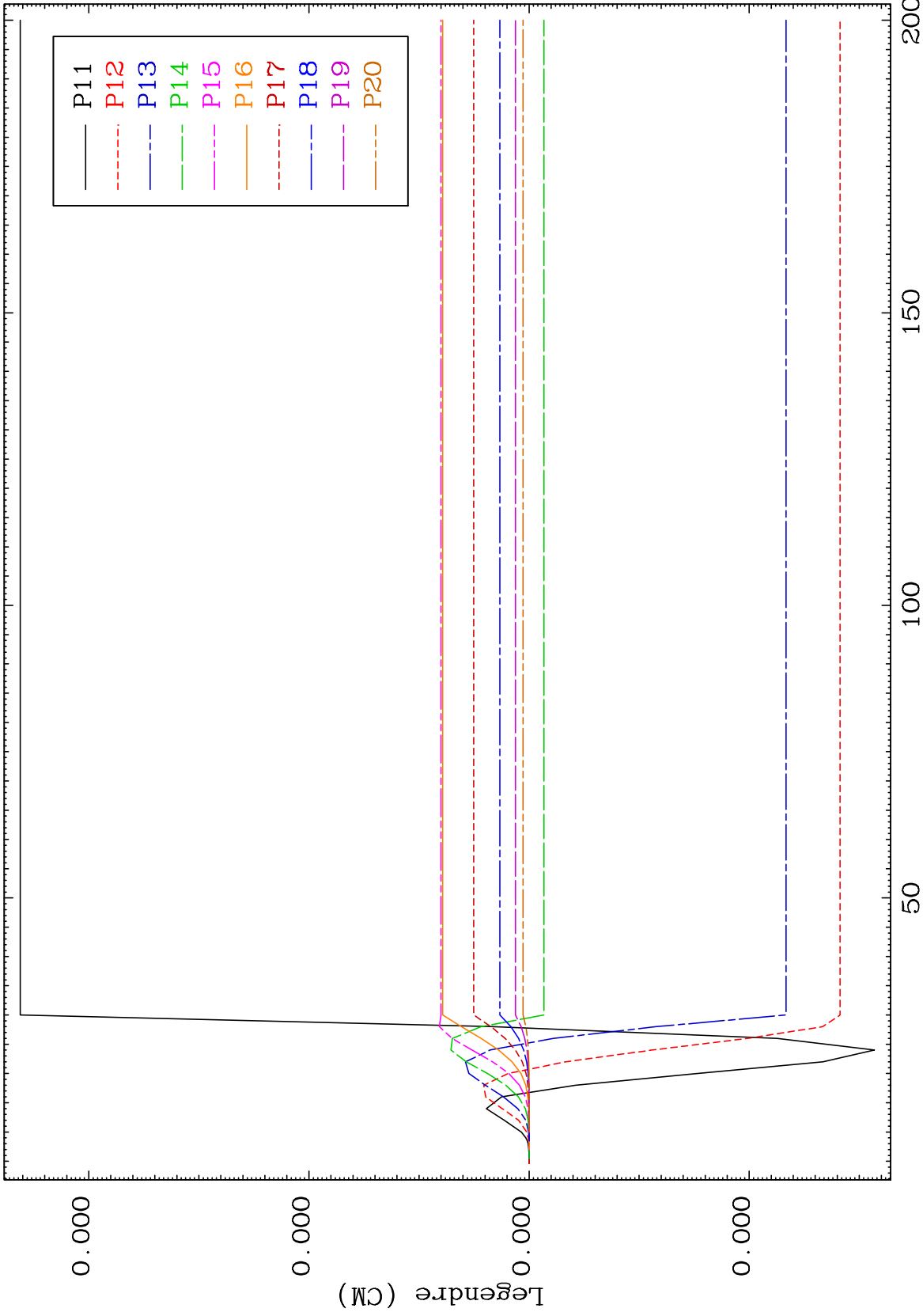
Incident Energy (MeV)

19-K -48

MAT 1952

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

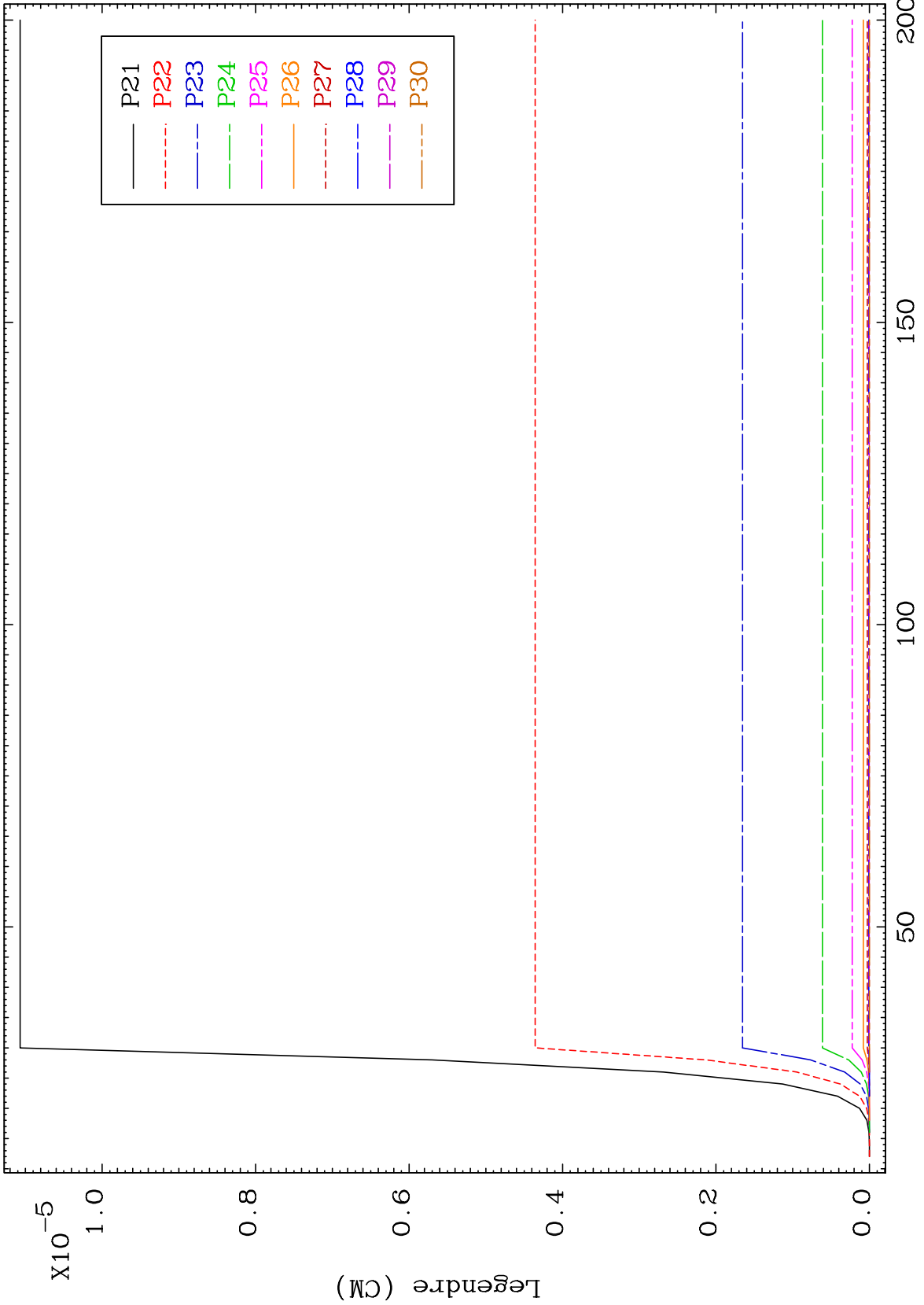
19-K -48



MAT 1952

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

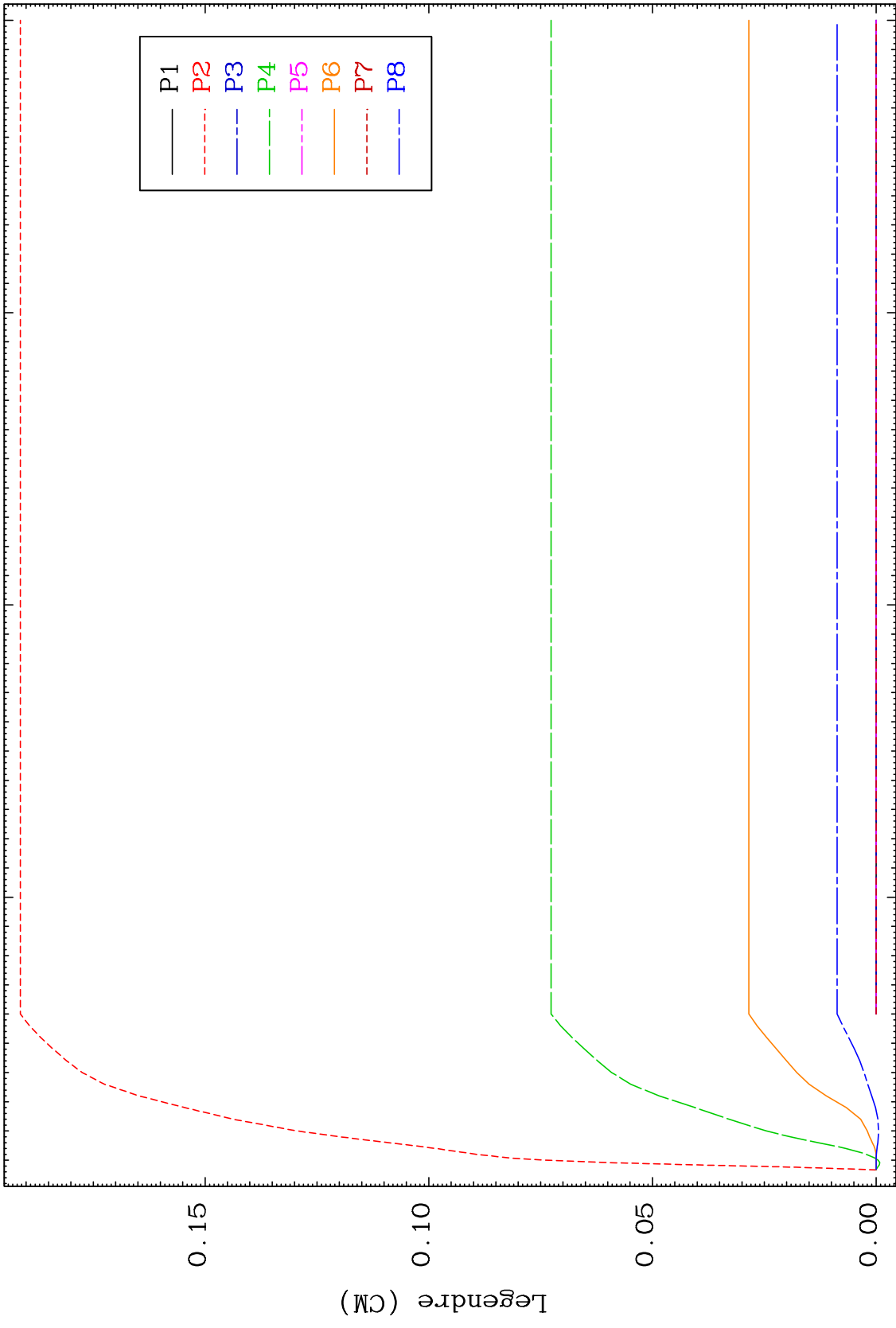
19-K -48



98

19-K -48

MAT 1952 MT= 78 (n,n') Level Legendre Coefficients 19-K -48

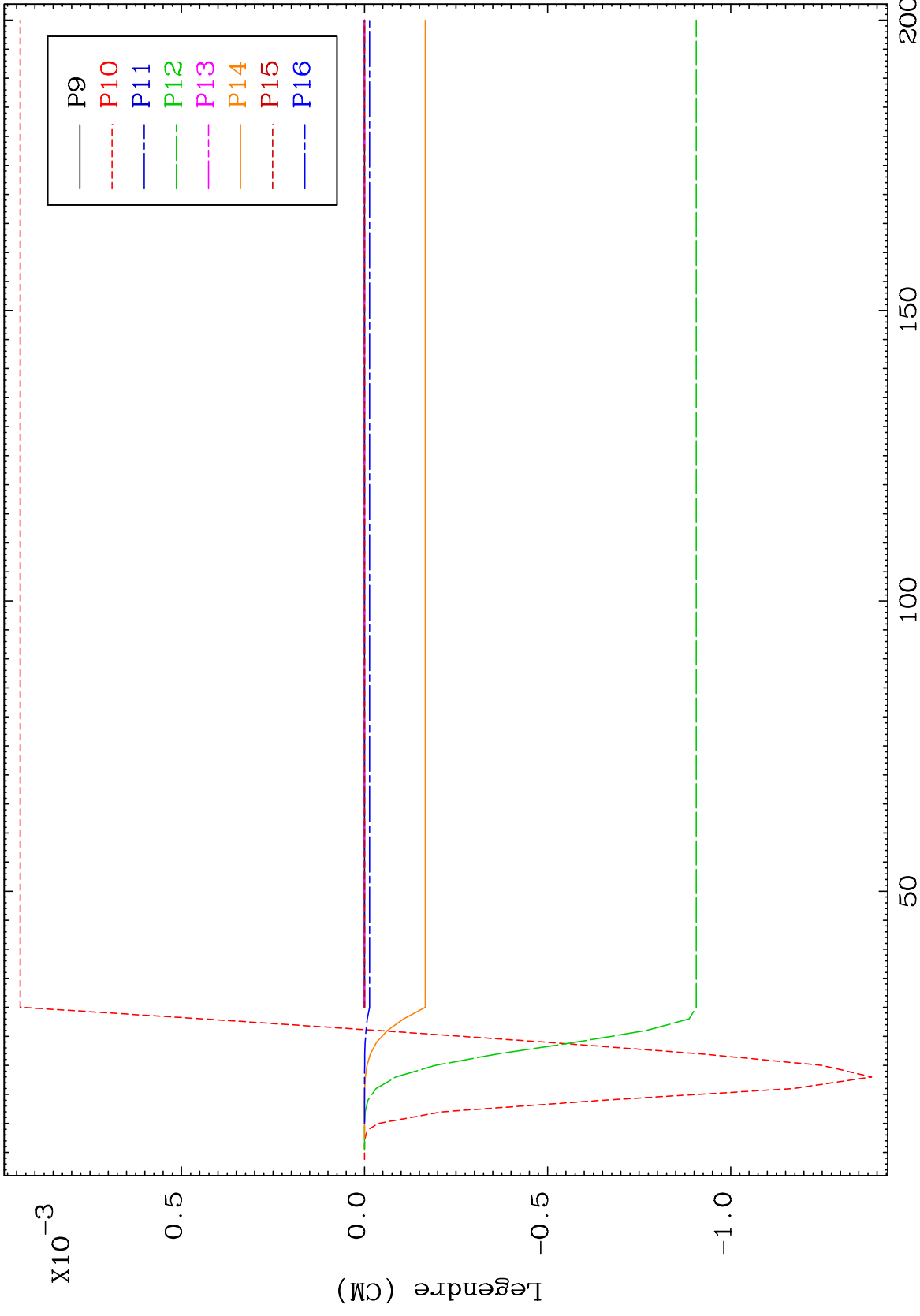


99 19-K -48

MAT 1952

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

19-K -48

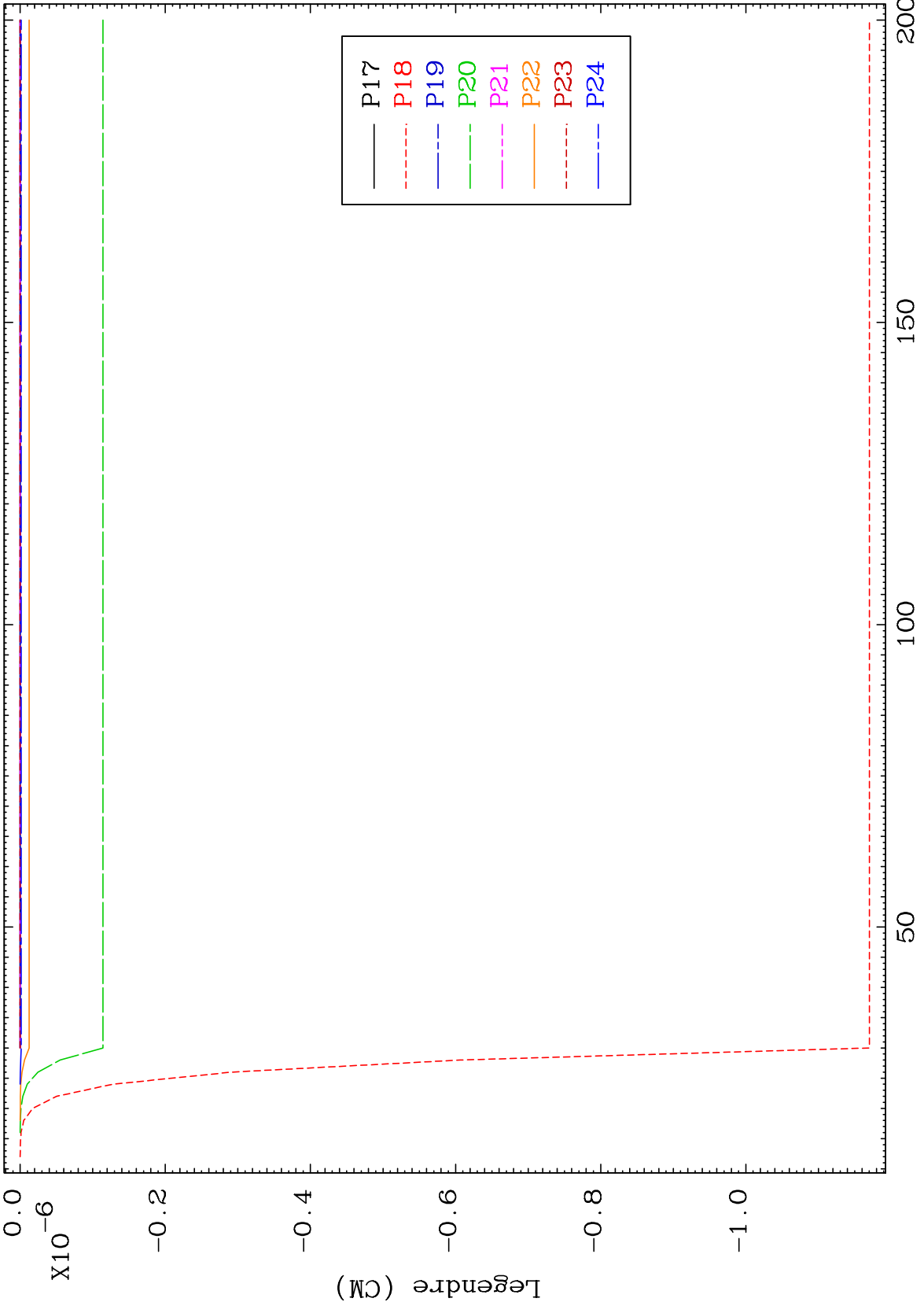


19-K -48

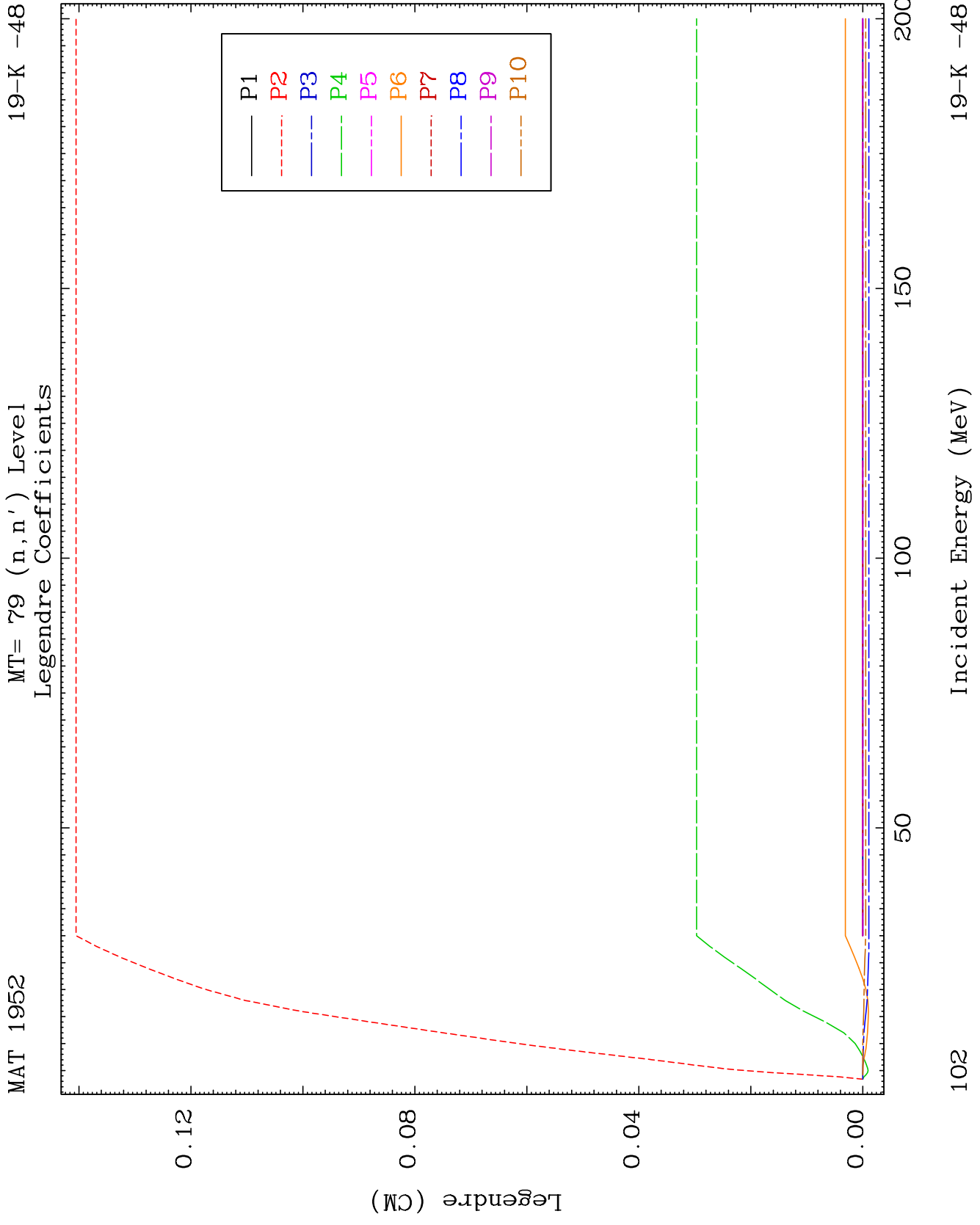
Incident Energy (MeV)

100

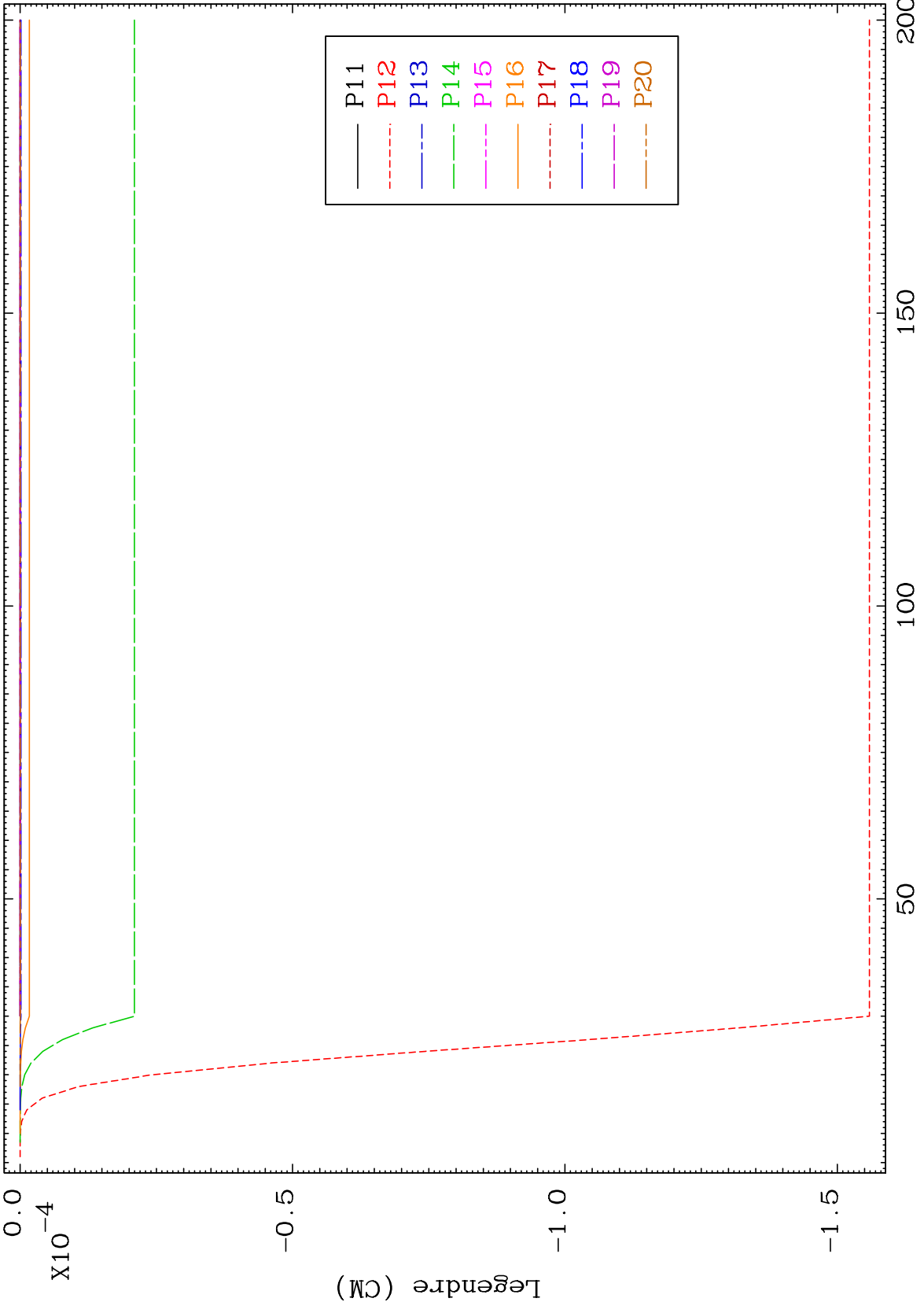
MAT 1952 MT= 78 (n,n') Level Legendre Coefficients 19-K -48



101 19-K -48

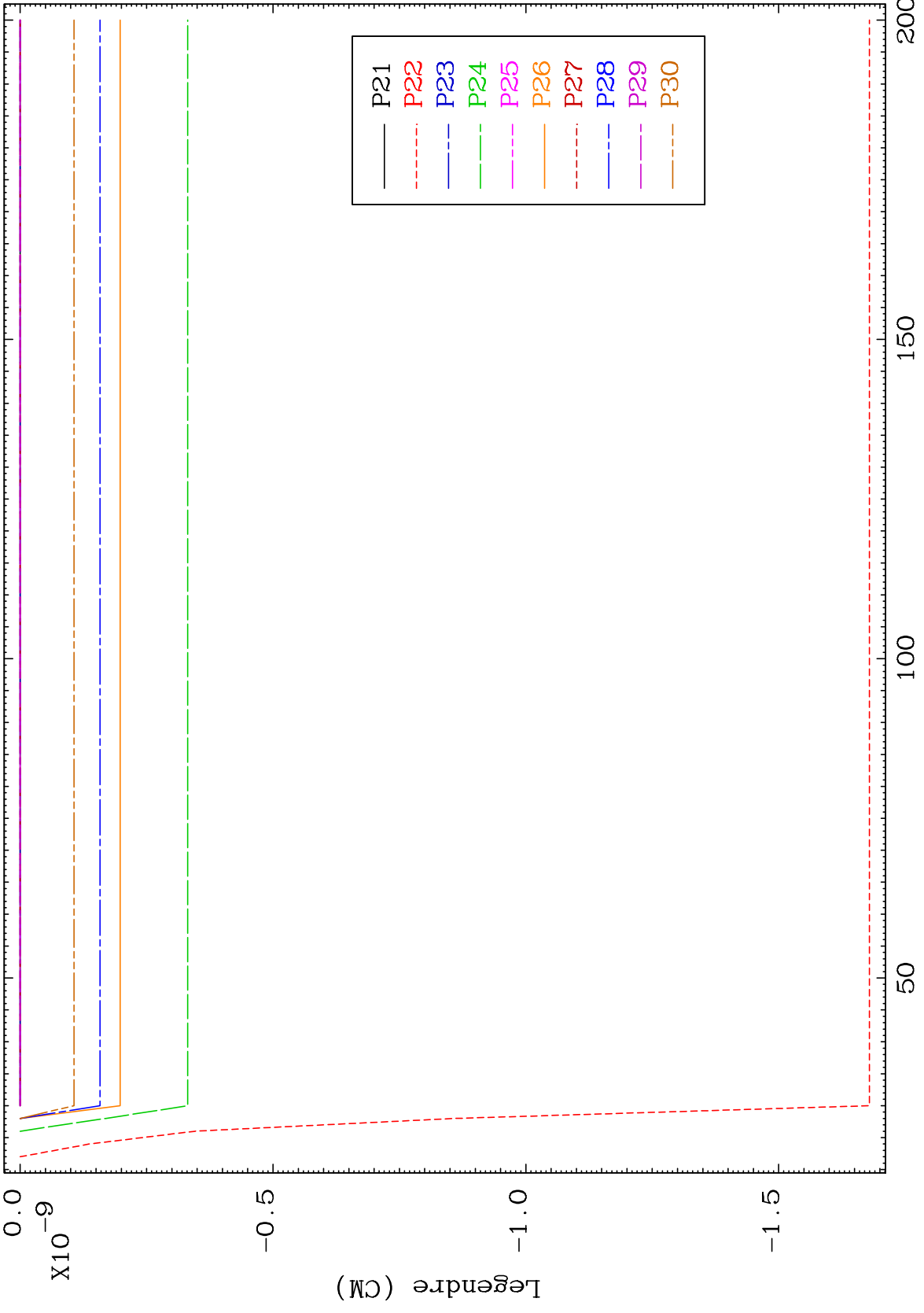


MAT 1952 MT= 79 (n,n') Level Legendre Coefficients 19-K -48



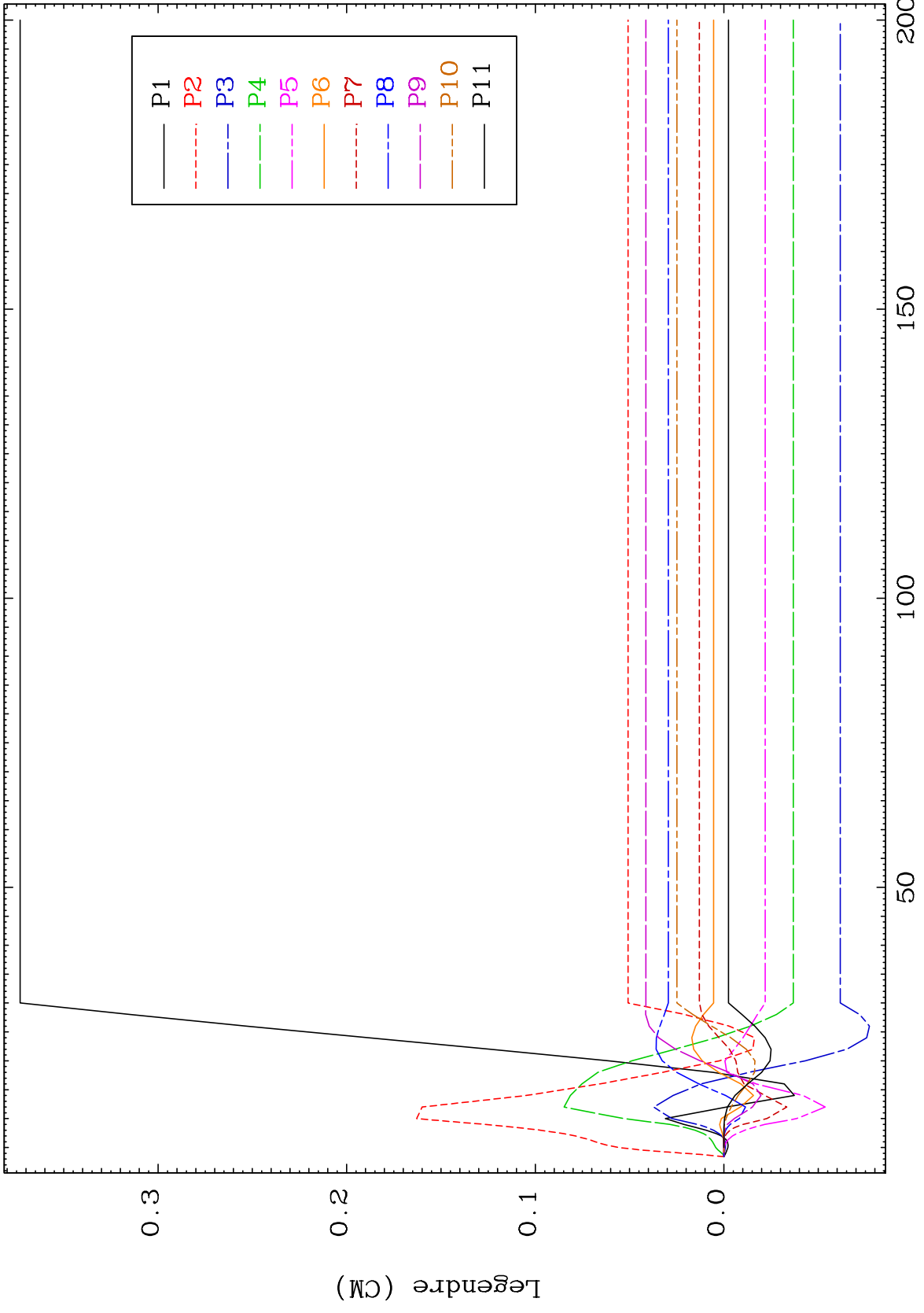
103 19-K -48

MAT 1952 MT= 79 (n,n') Level Legendre Coefficients 19-K -48



104 Incident Energy (MeV) 19-K -48

MAT 1952 MT= 80 (n,n') Level Legendre Coefficients 19-K -48

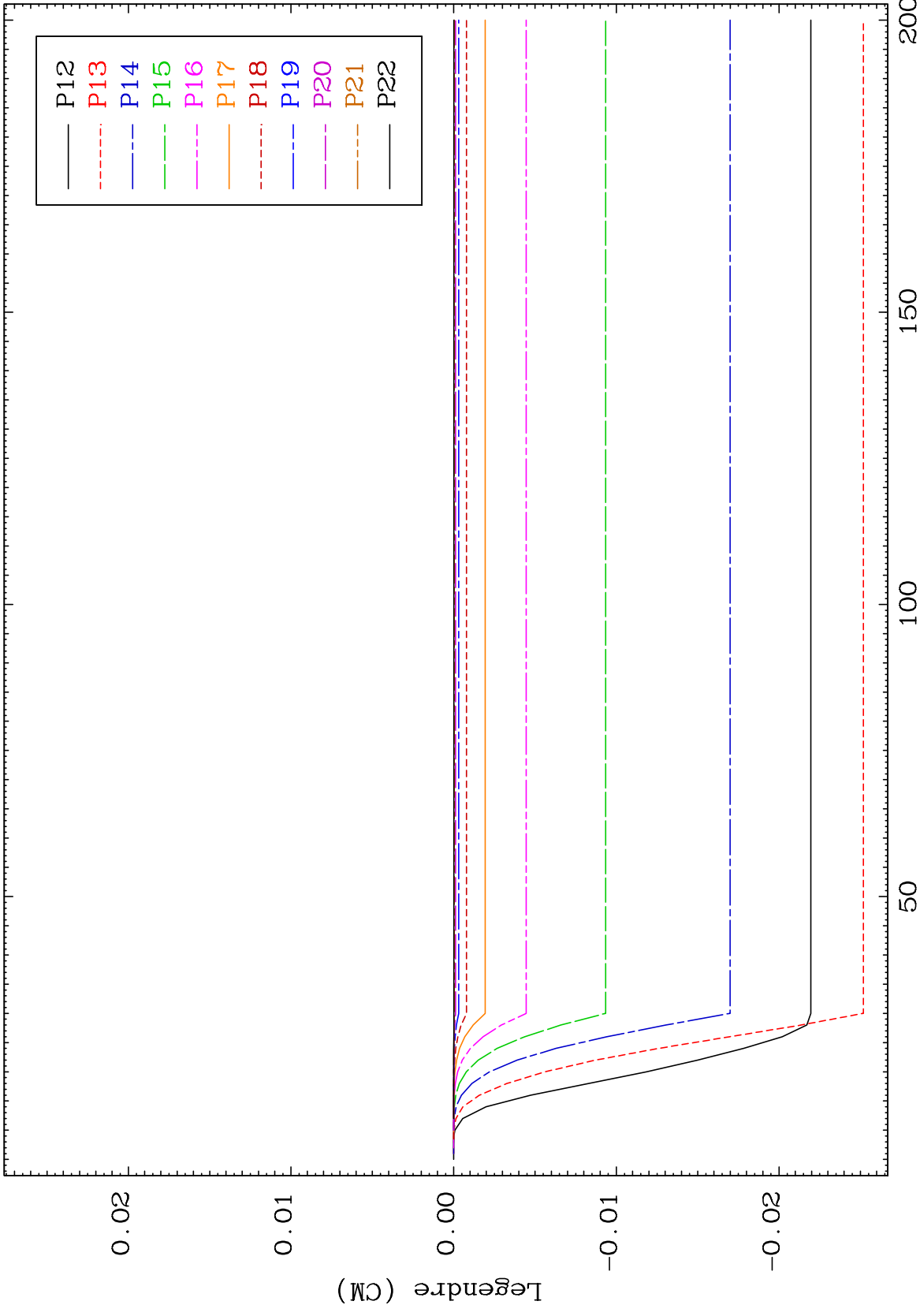


105 Incident Energy (MeV) 19-K -48

MAT 1952

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

19-K -48

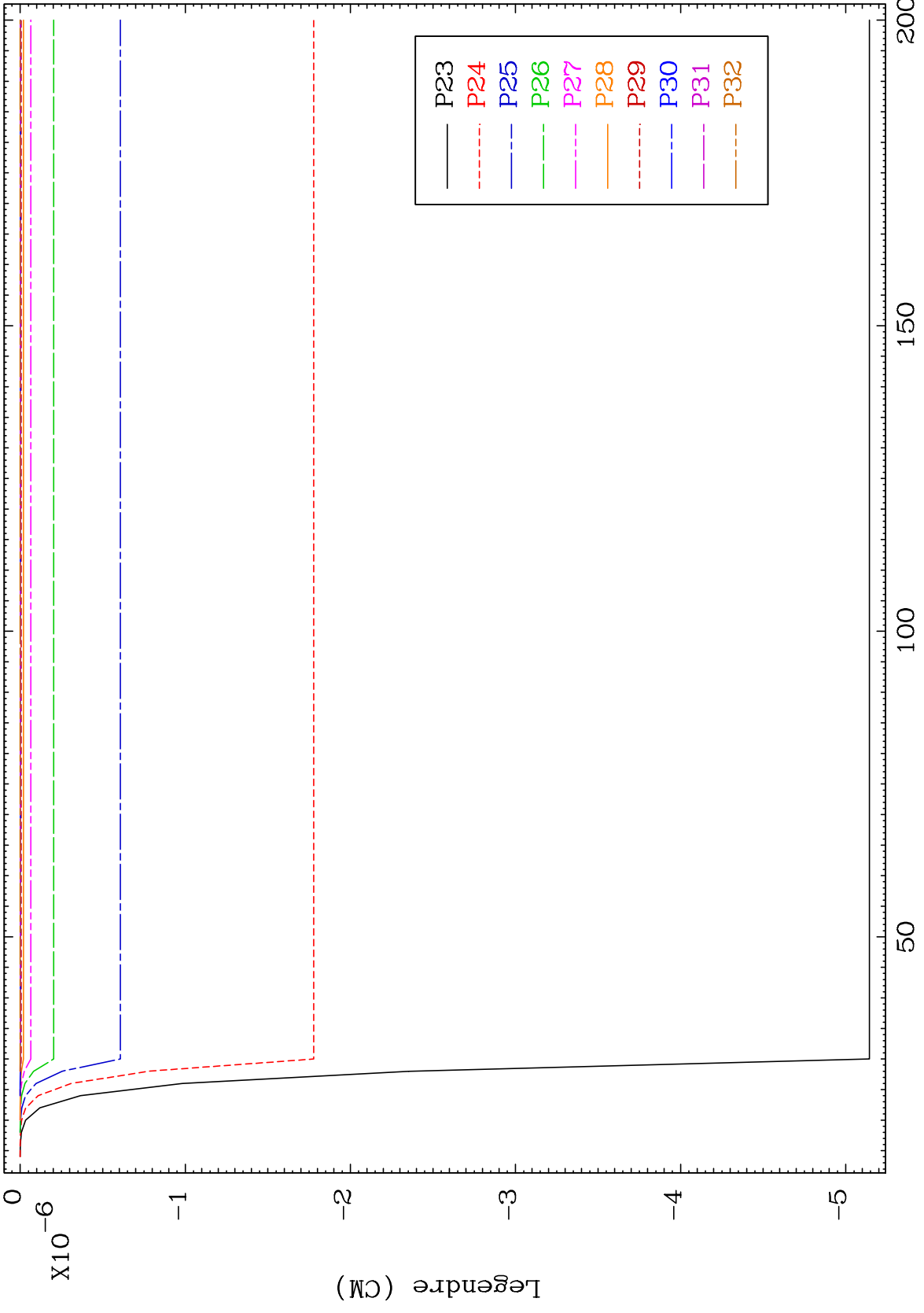


106

Incident Energy (MeV)

19-K -48

MAT 1952 MT= 80 (n,n') Level Legendre Coefficients 19-K -48



107 19-K -48