

Program EVALPLOT
(Version 2018-1)

by

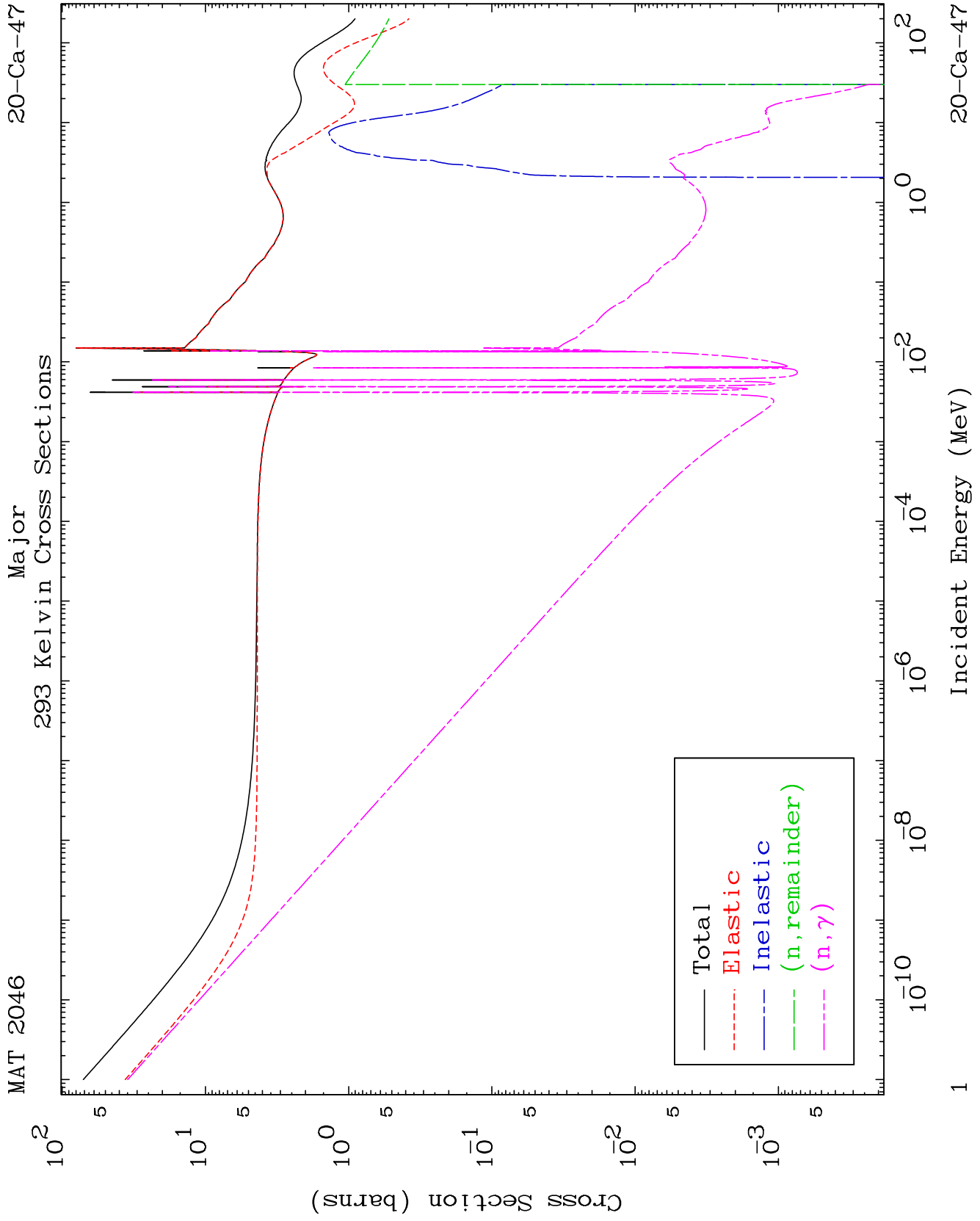
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

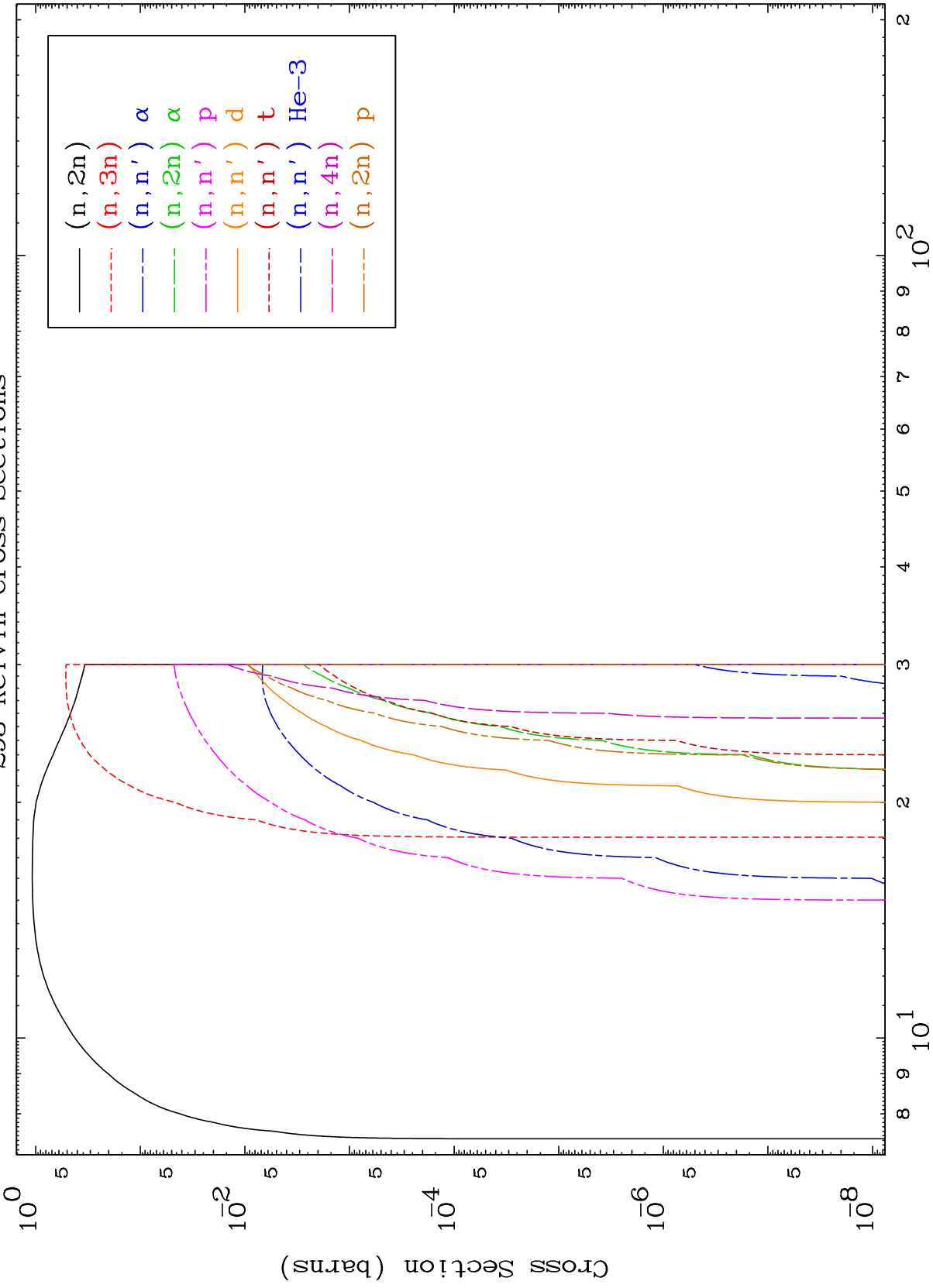
Press Mouse Button to Start



MAT 2046

Neutron Production 293 Kelvin Cross Sections

20-Ca-47



2

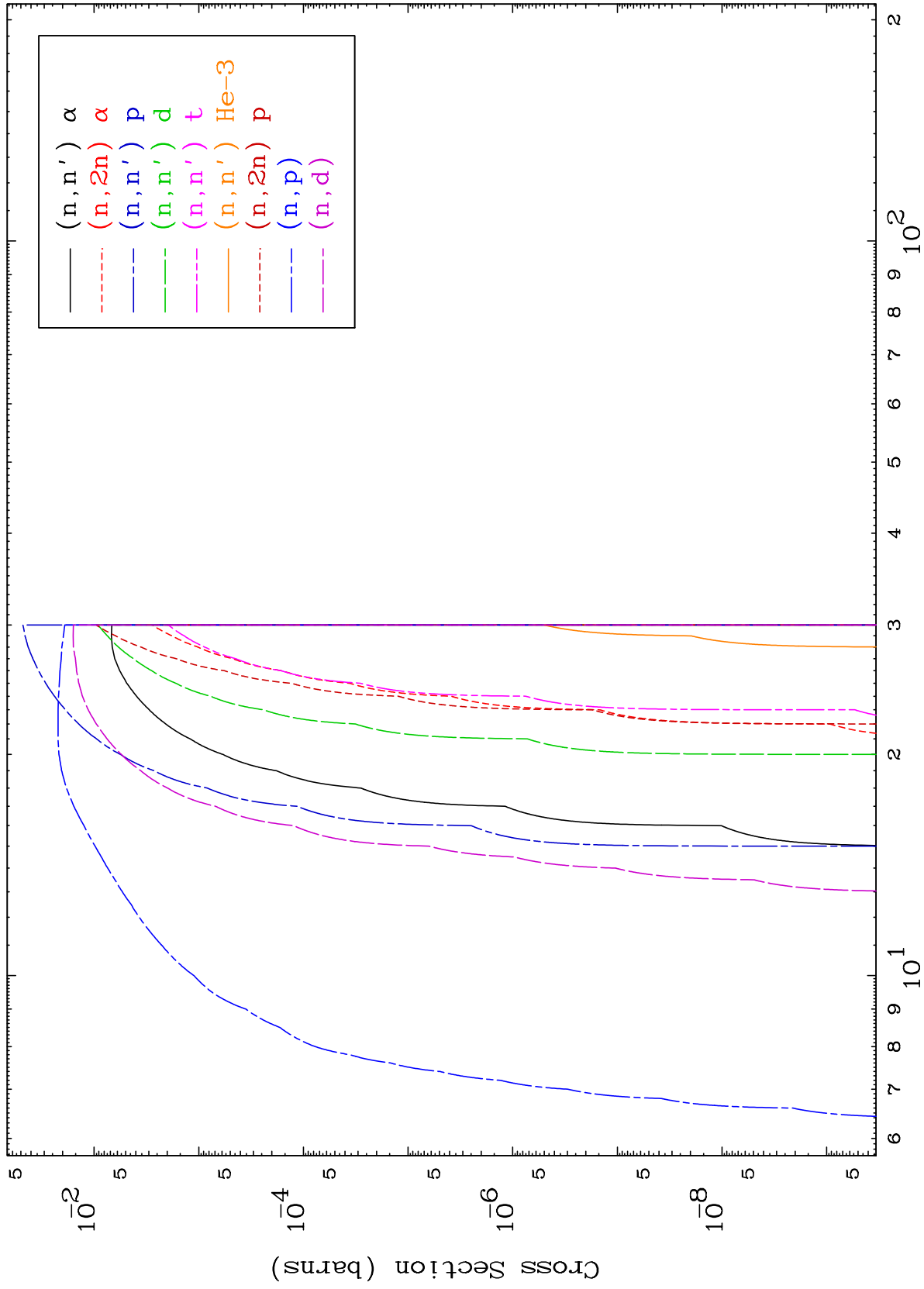
Incident Energy (MeV)

20-Ca-47

MAT 2046

Charged Particle
293 Kelvin Cross Sections

20-Ca-47



3

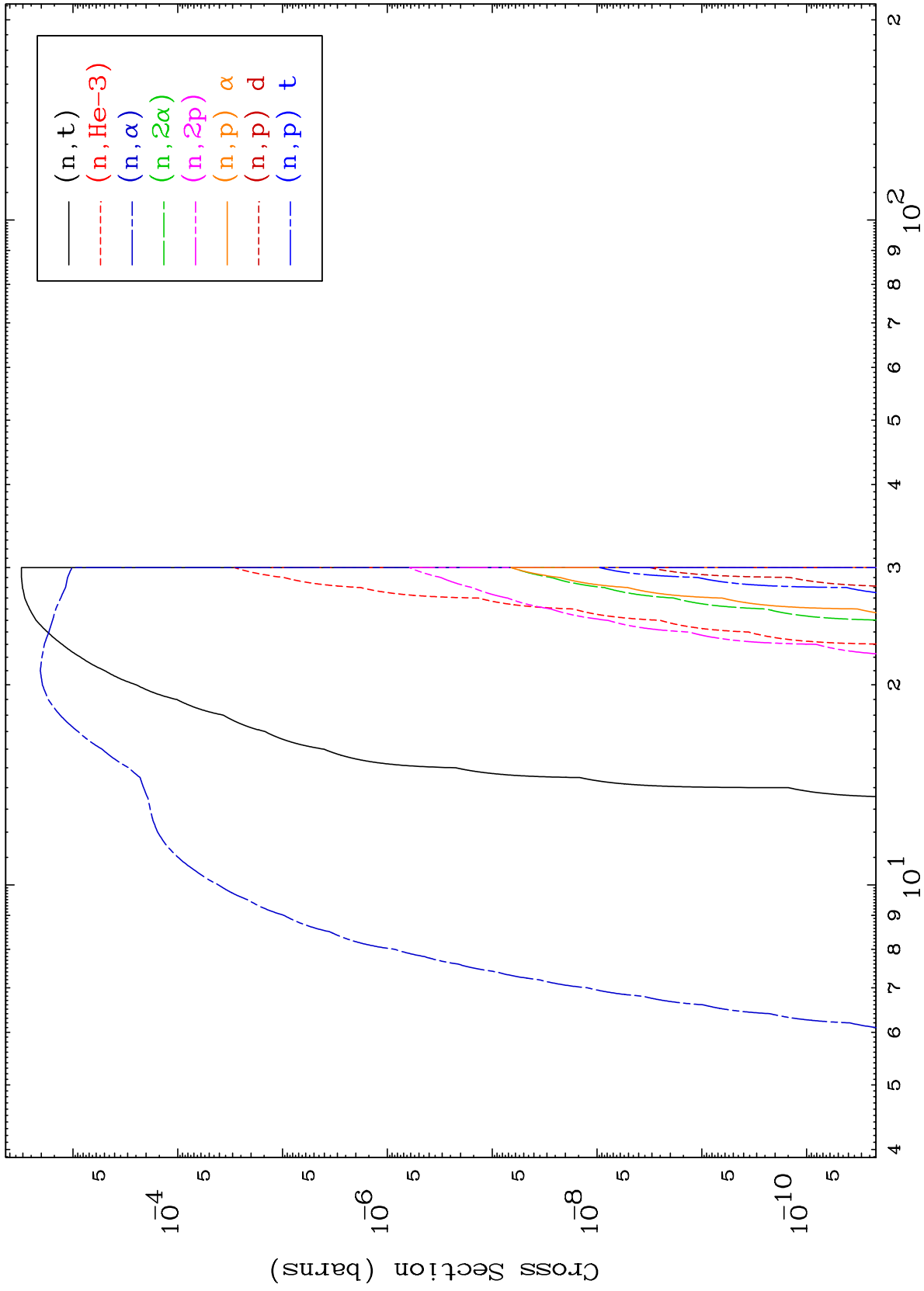
Incident Energy (MeV)

20-Ca-47

MAT 2046

Charged Particle
293 Kelvin Cross Sections

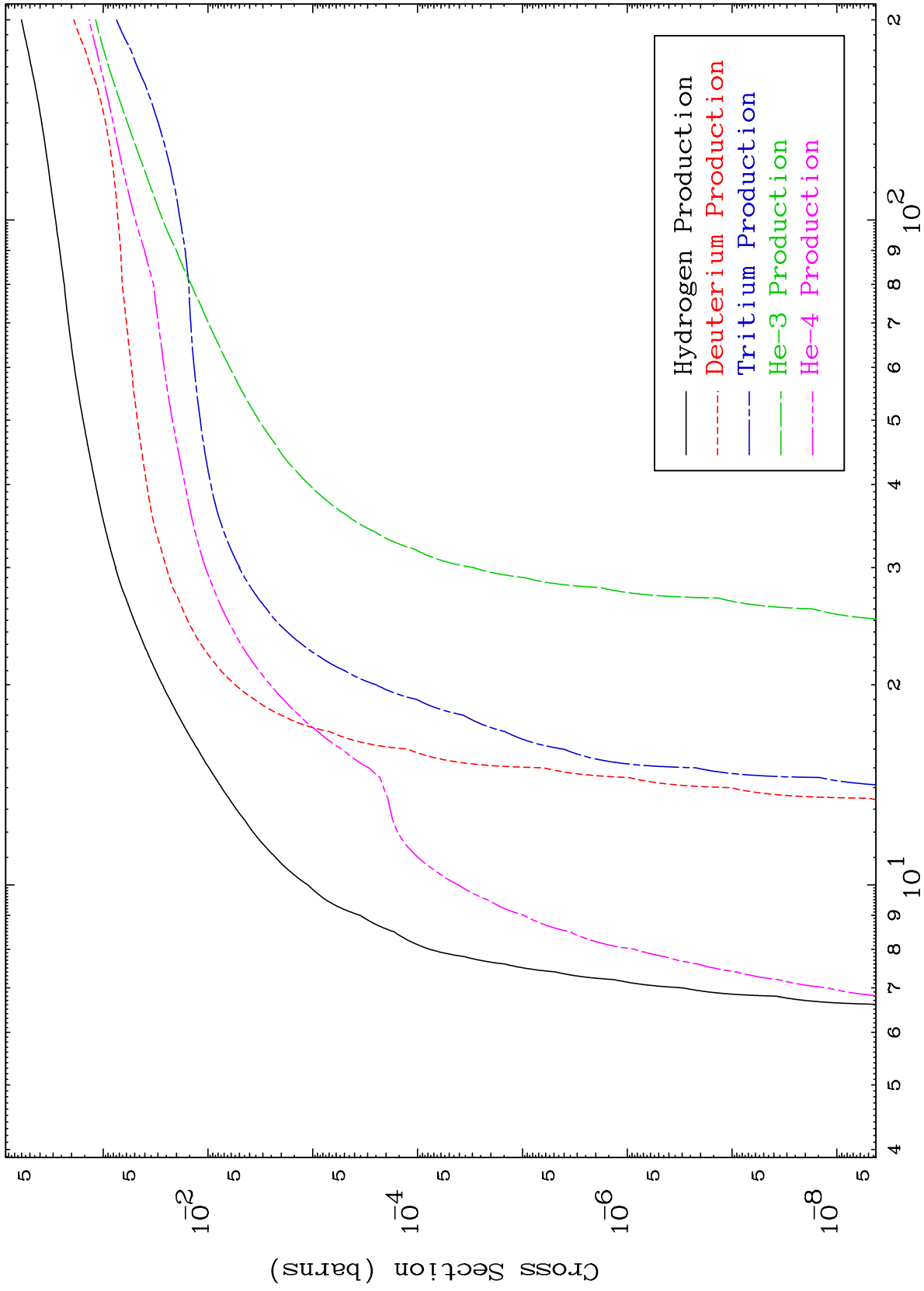
20-Ca-47



4

Incident Energy (MeV)

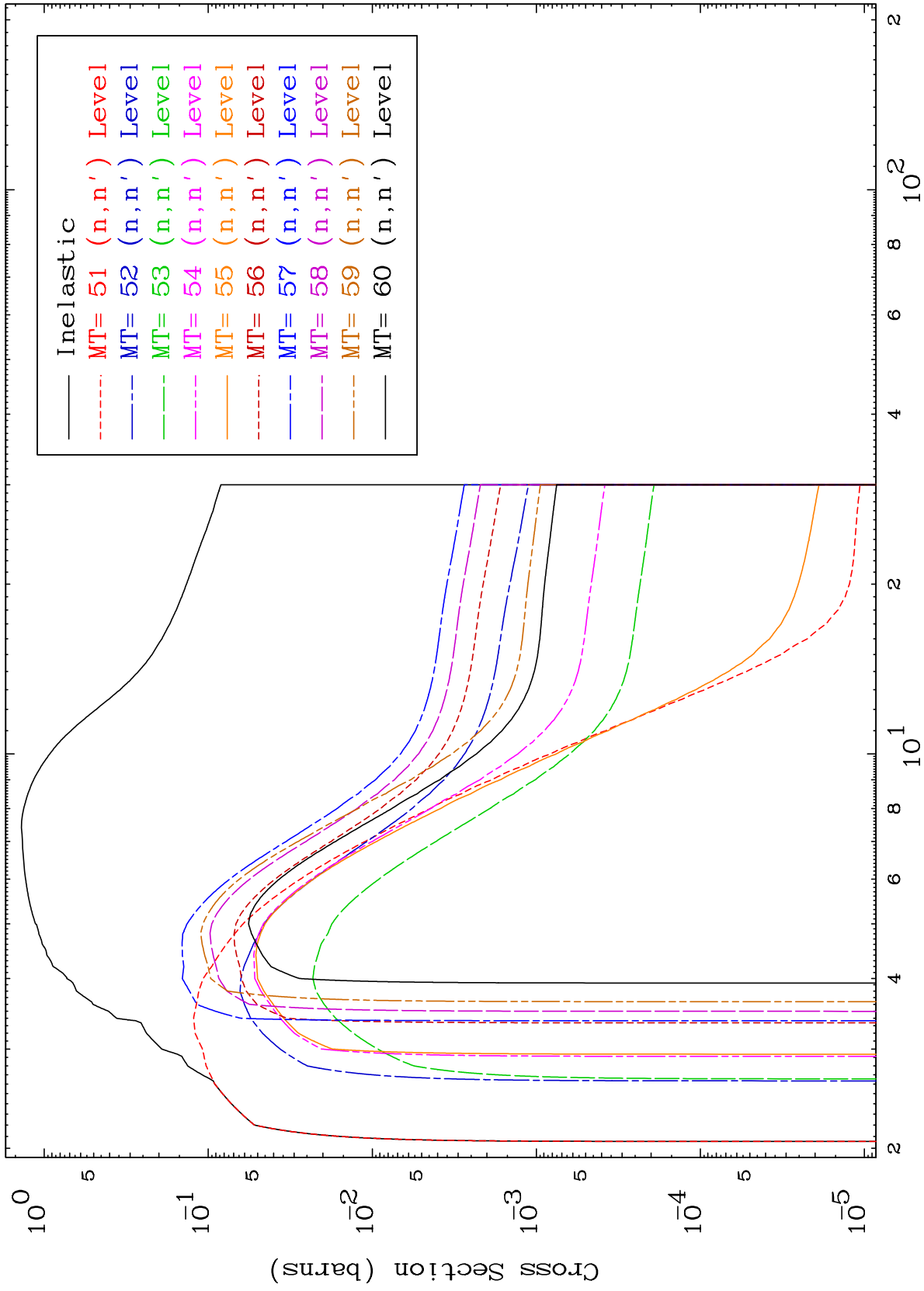
20-Ca-47



MAT 2046

(n,n') Level
293 Kelvin Cross Sections

20-Ca-47



6

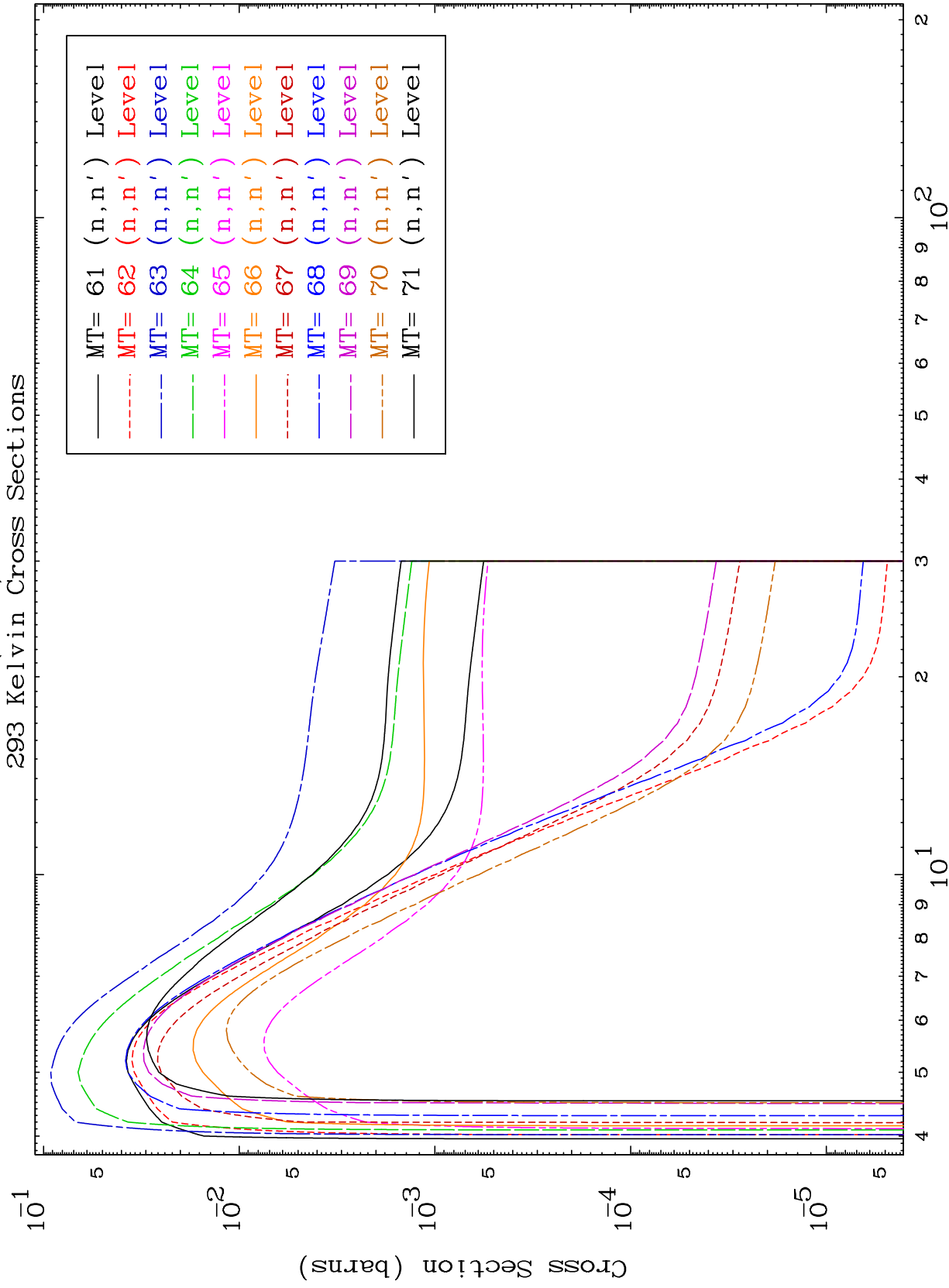
Incident Energy (MeV)

20-Ca-47

MAT 2046

(n,n') Level

20-Ca-47

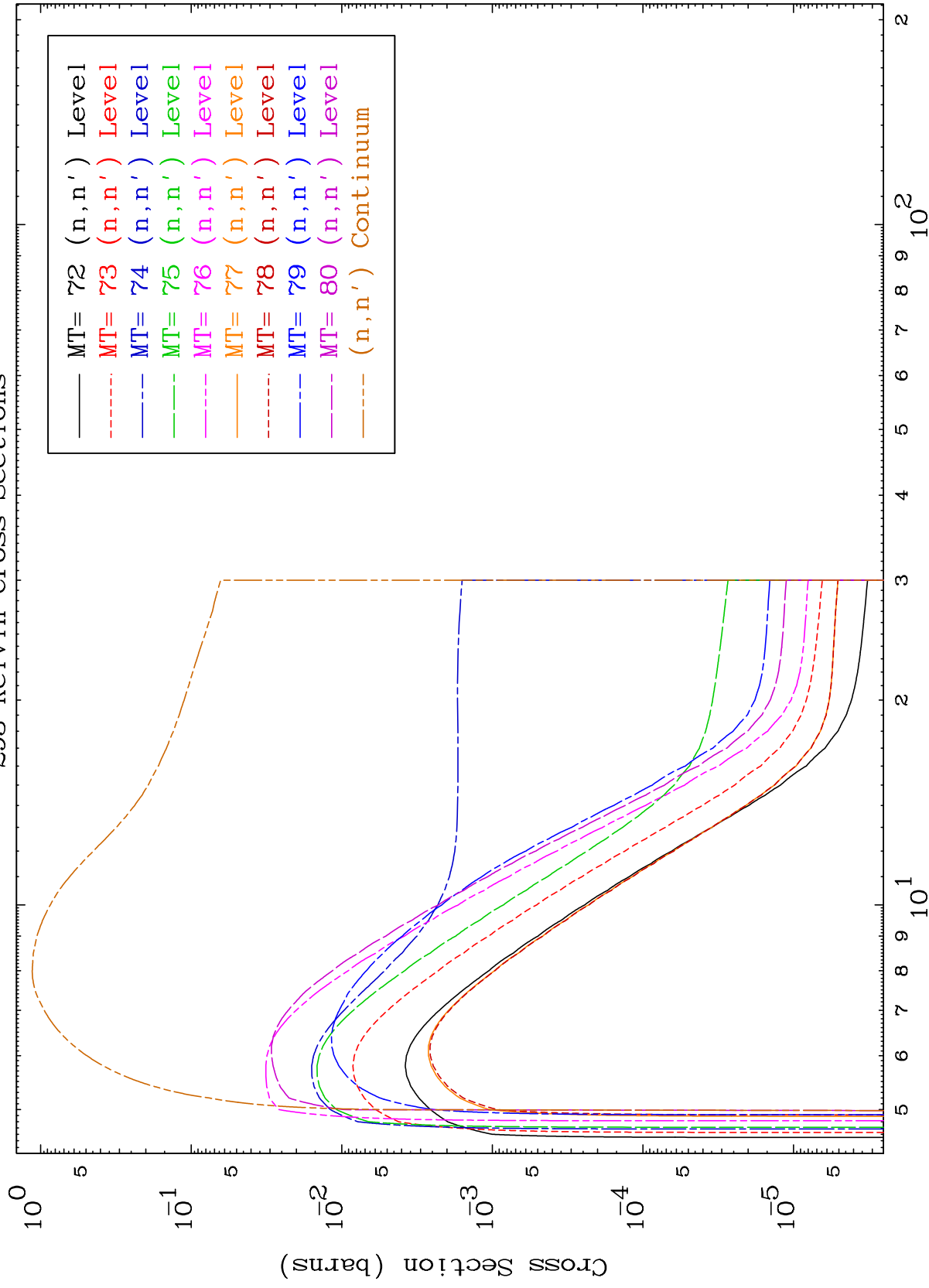


7

MAT 2046

(n,n') Level
293 Kelvin Cross Sections

20-Ca-47



8

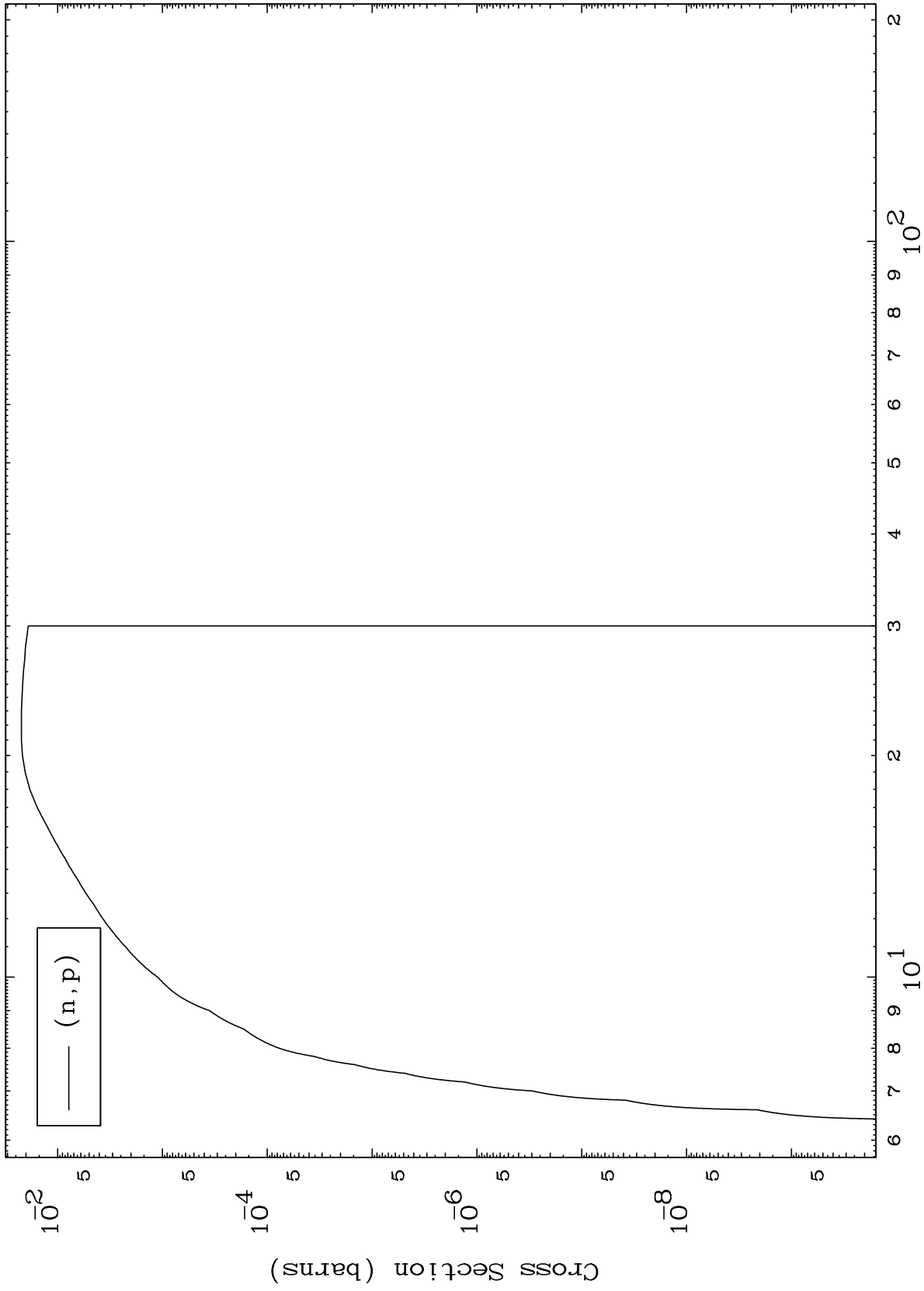
Incident Energy (MeV)

20-Ca-47

MAT 2046

(n,p) Levels
293 Kelvin Cross Sections

20-Ca-47



9

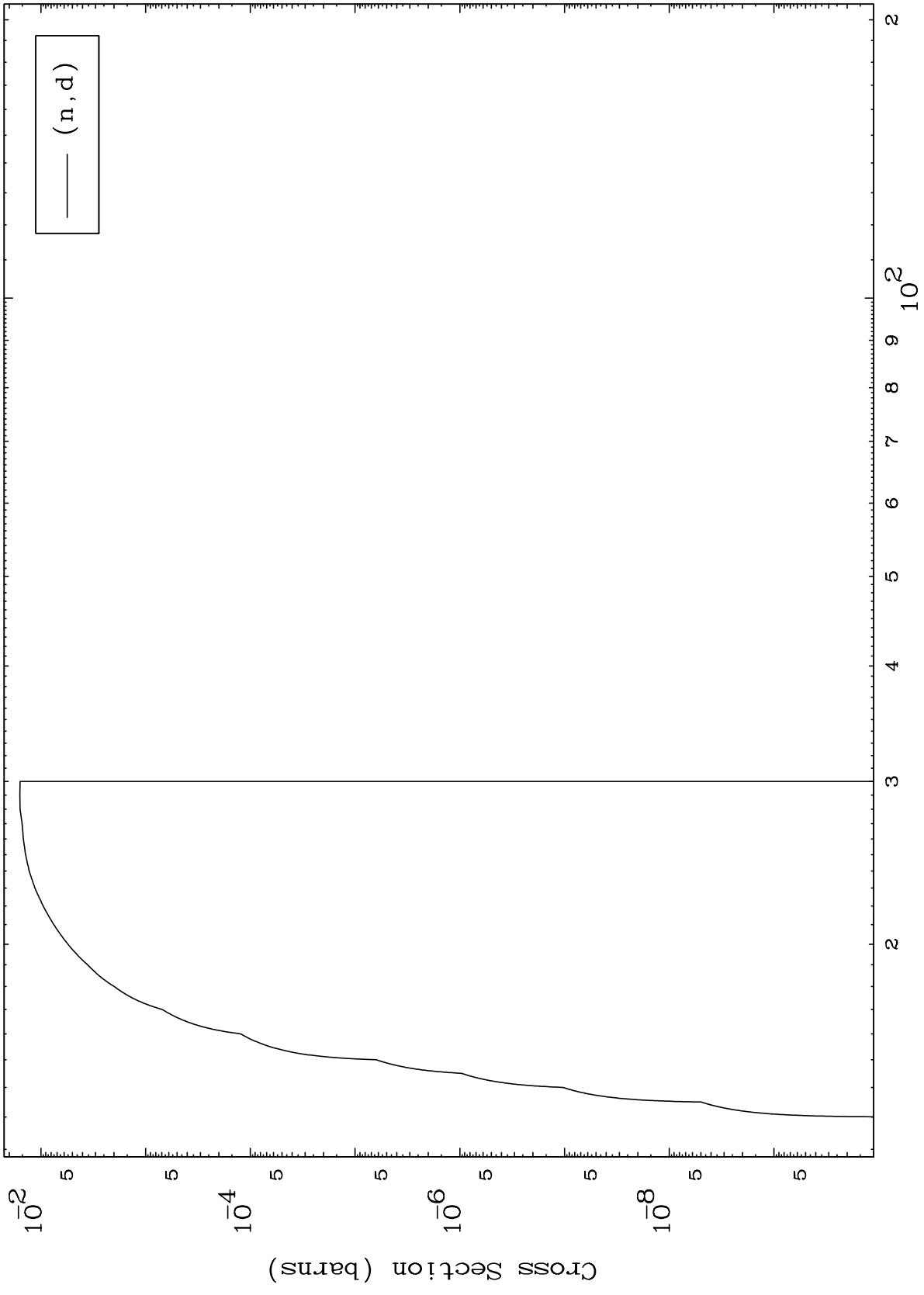
Incident Energy (MeV)

20-Ca-47

MAT 2046

(n,d) Levels
293 Kelvin Cross Sections

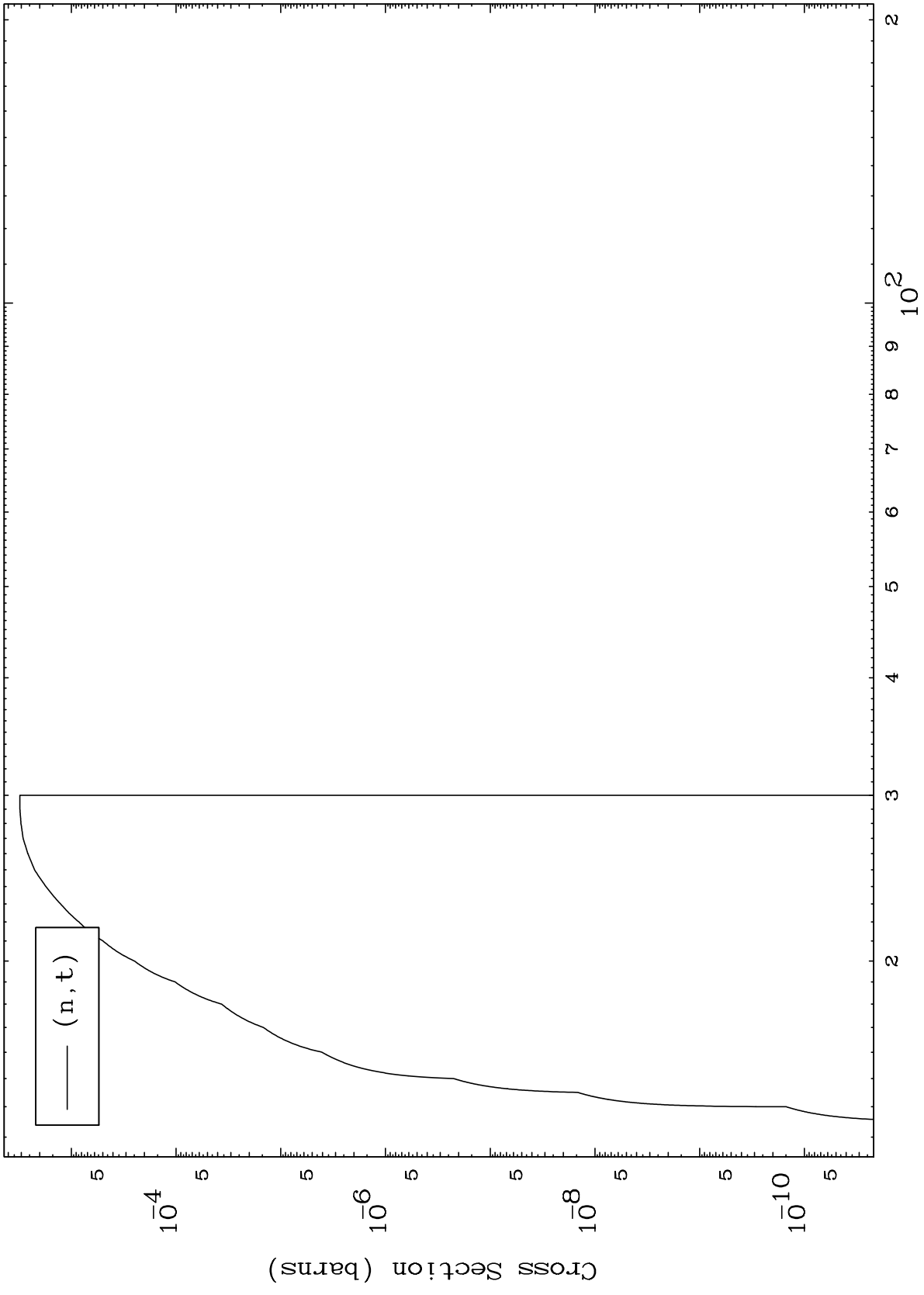
20-Ca-47



10

Incident Energy (MeV)

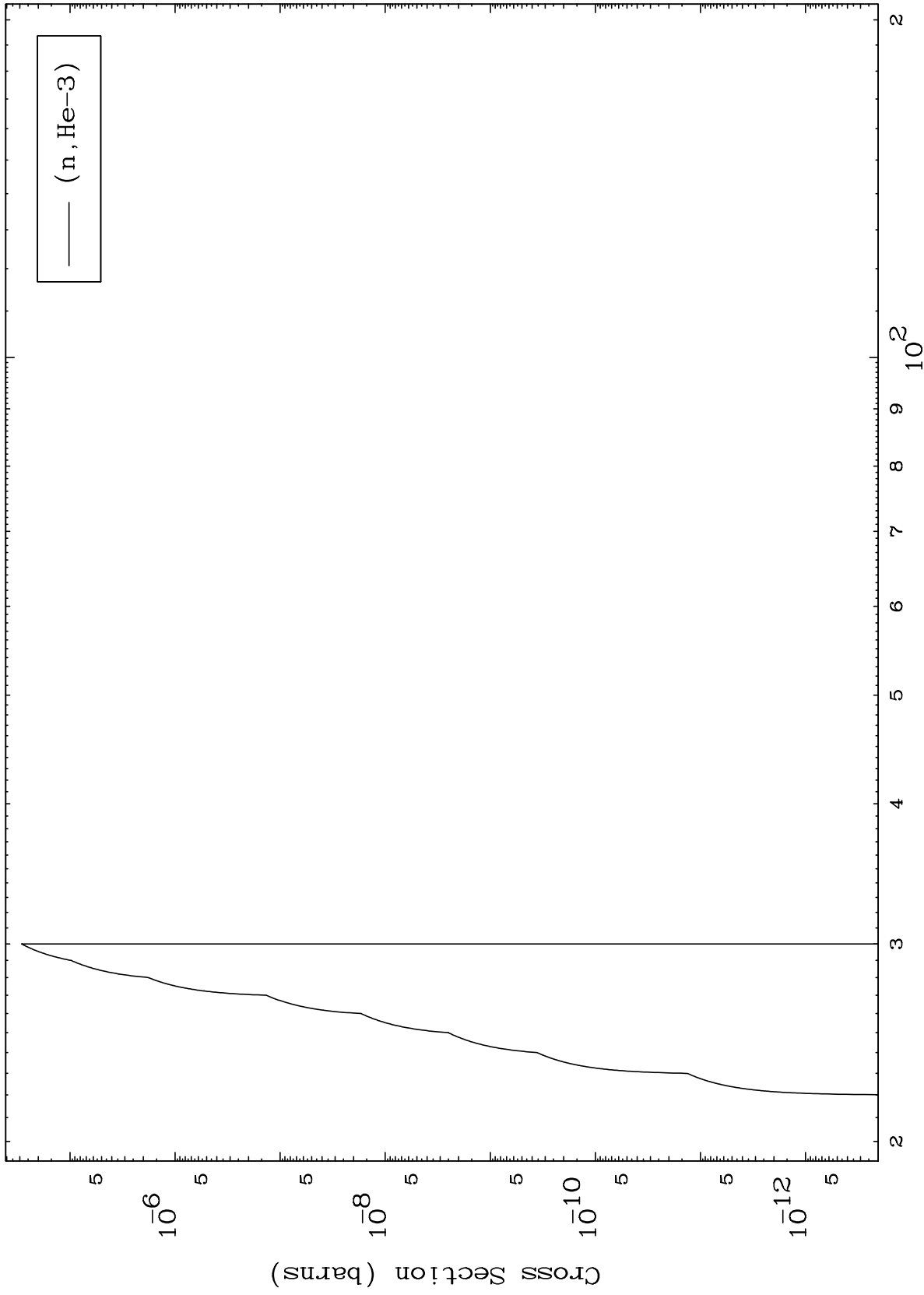
20-Ca-47



MAT 2046

(n,He3) Levels
293 Kelvin Cross Sections

20-Ca-47



12

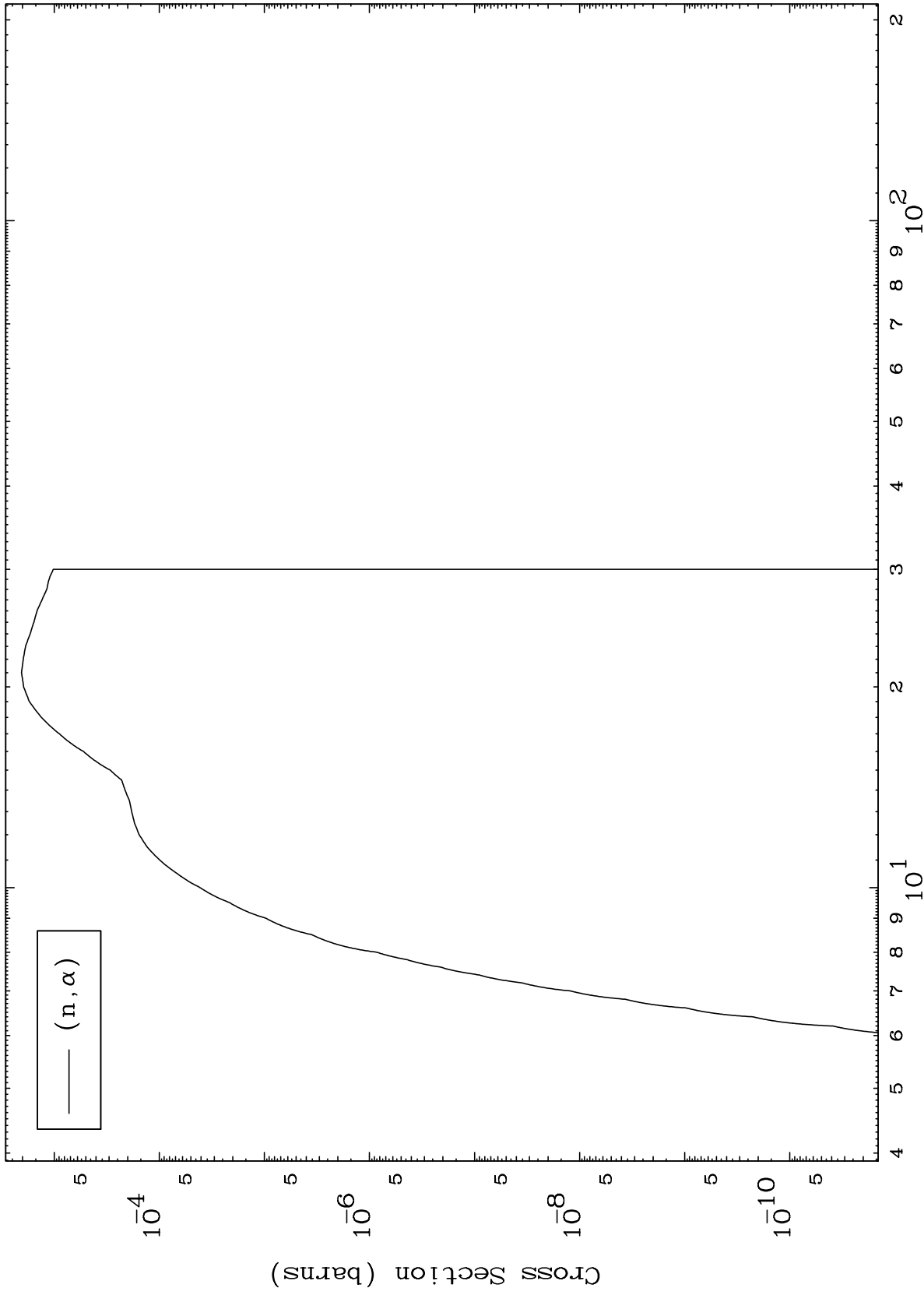
Incident Energy (MeV)

20-Ca-47

MAT 2046

(n,α) Levels
293 Kelvin Cross Sections

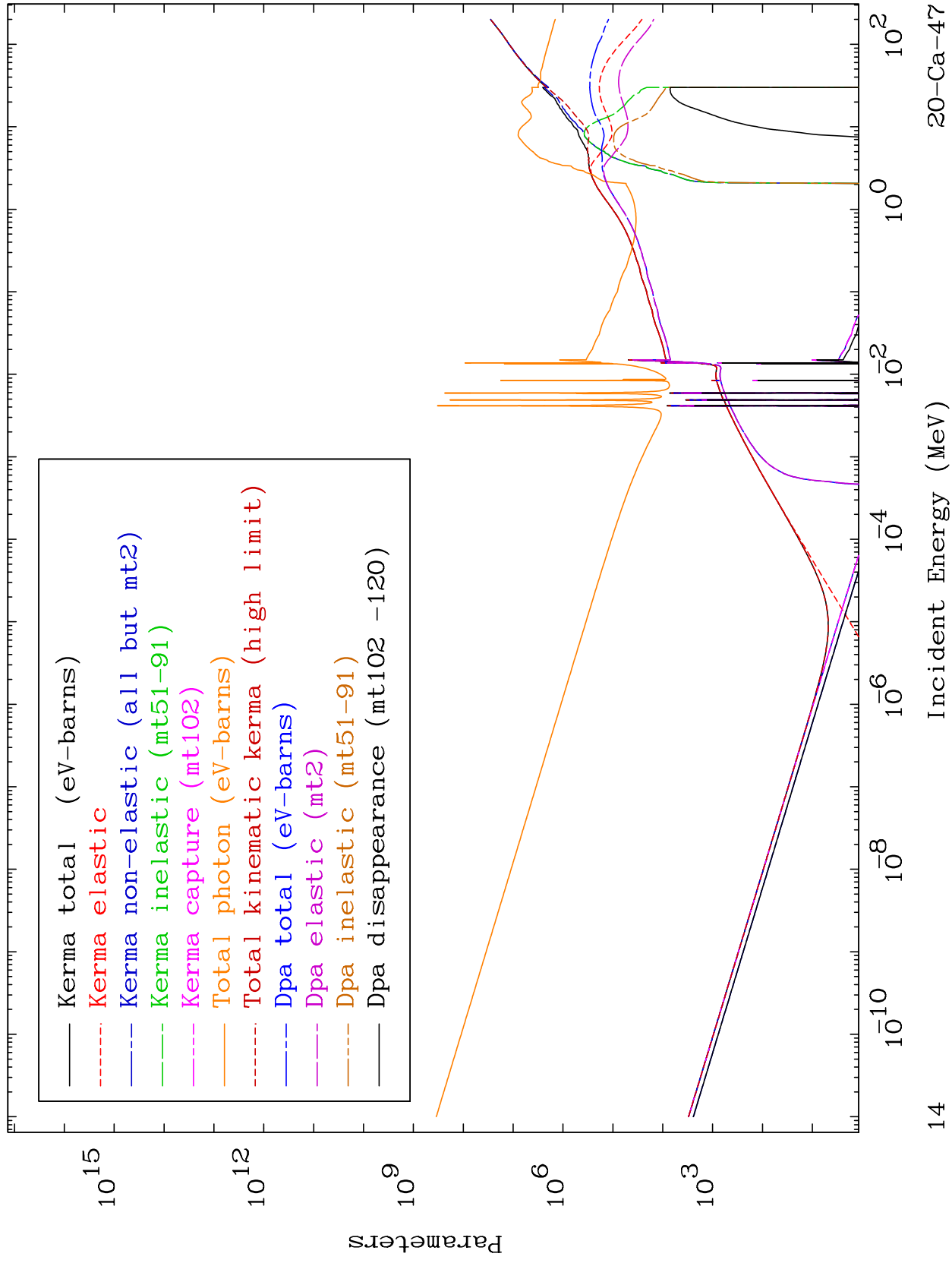
20-Ca-47



13

Incident Energy (MeV)

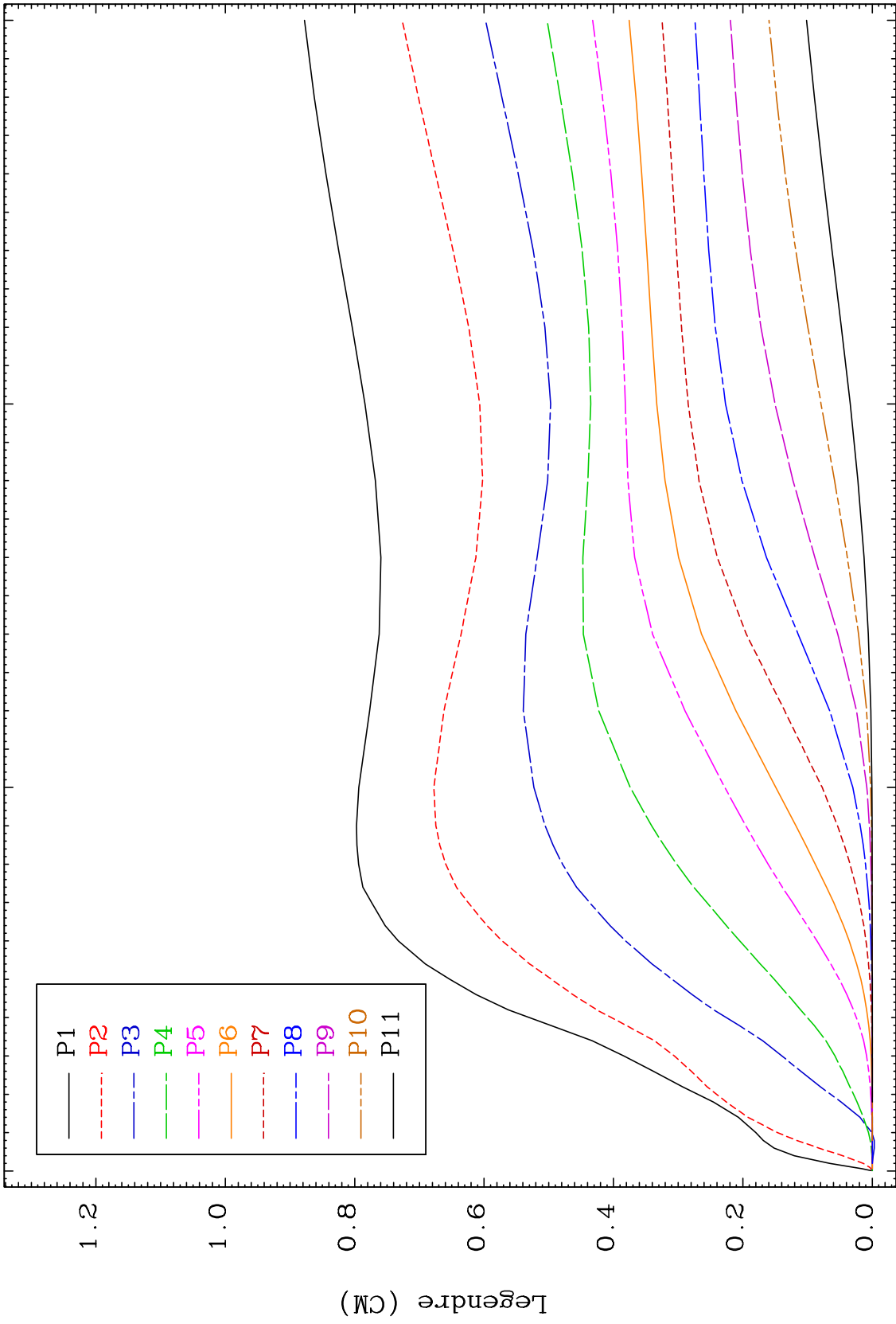
20-Ca-47



MAT 2046

Elastic Legendre Coefficients

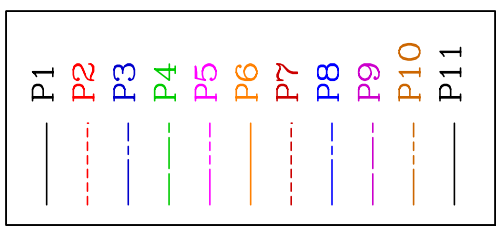
20-Ca-47



15

Incident Energy (MeV)

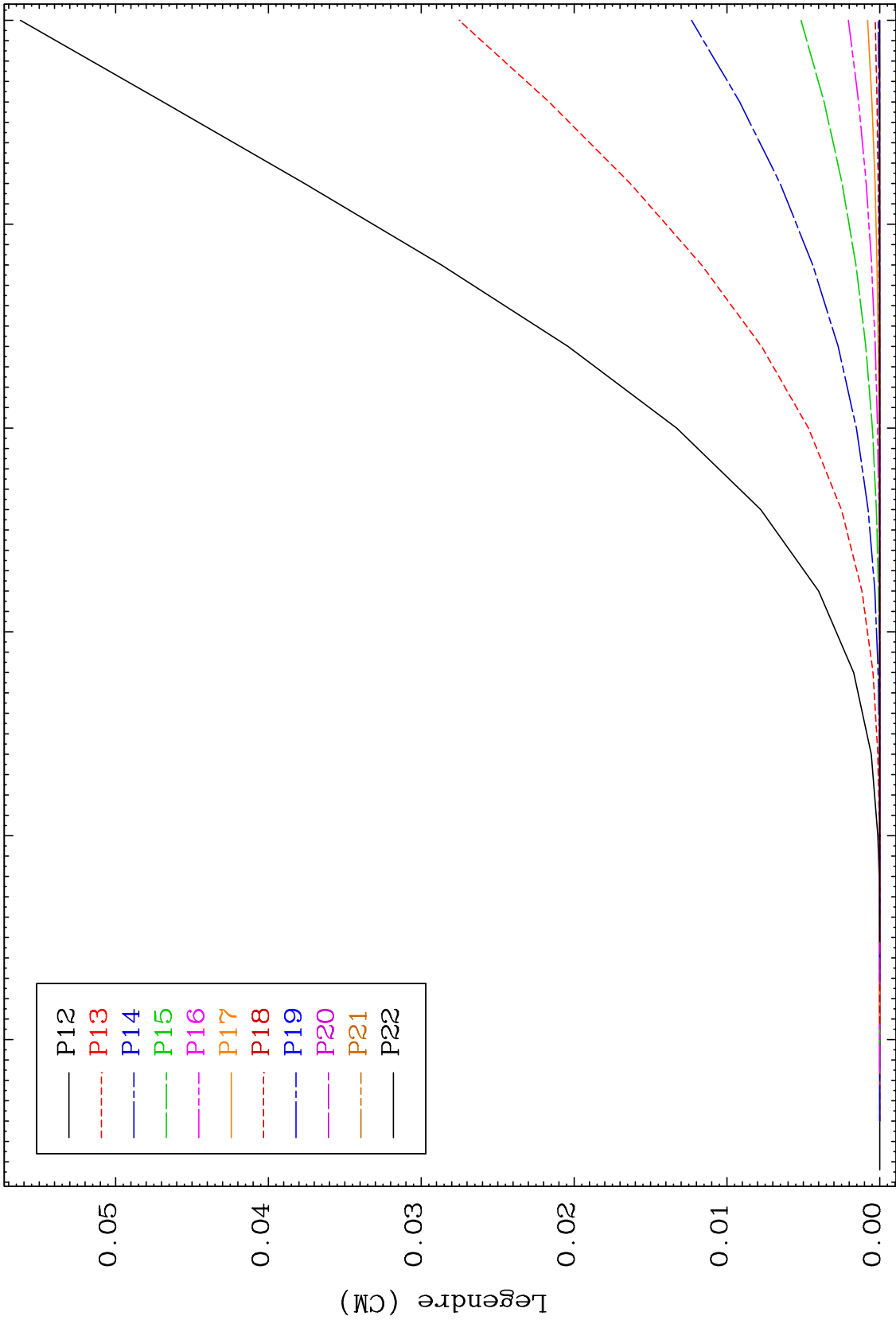
20-Ca-47



MAT 2046

Elastic Legendre Coefficients

20-Ca-47



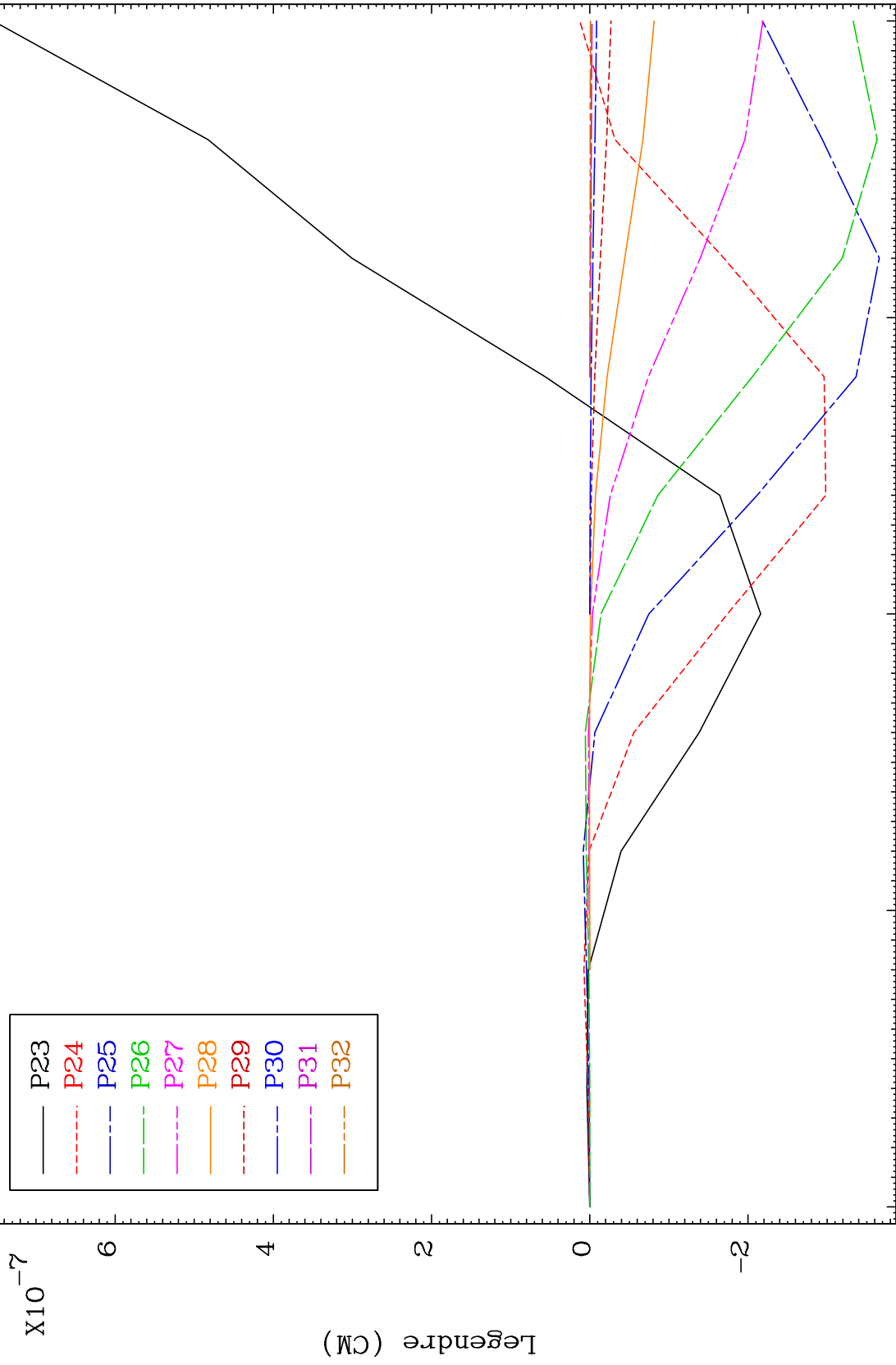
16

20-Ca-47

MAT 2046

Elastic Legendre Coefficients

20-Ca-47



17

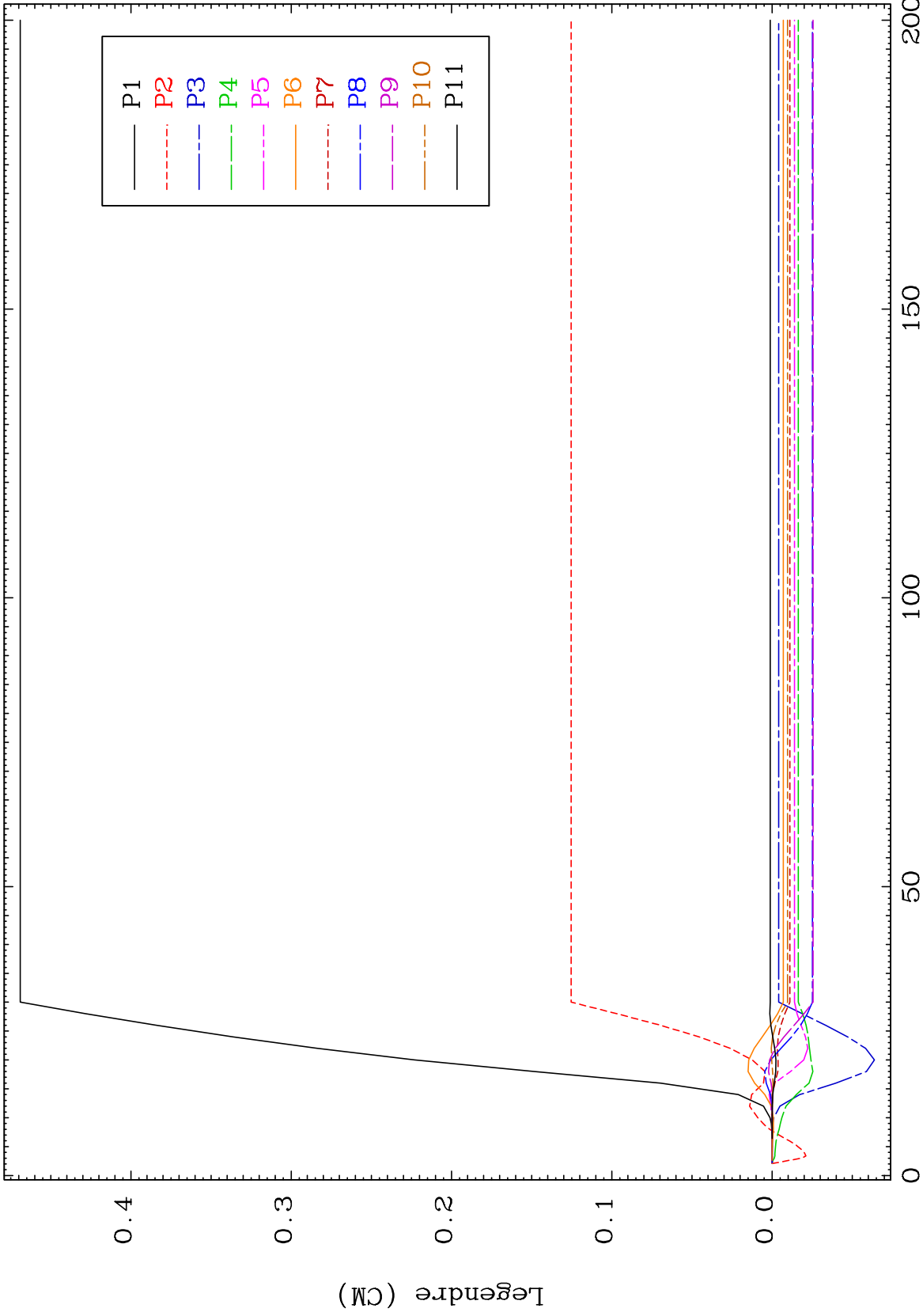
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



18

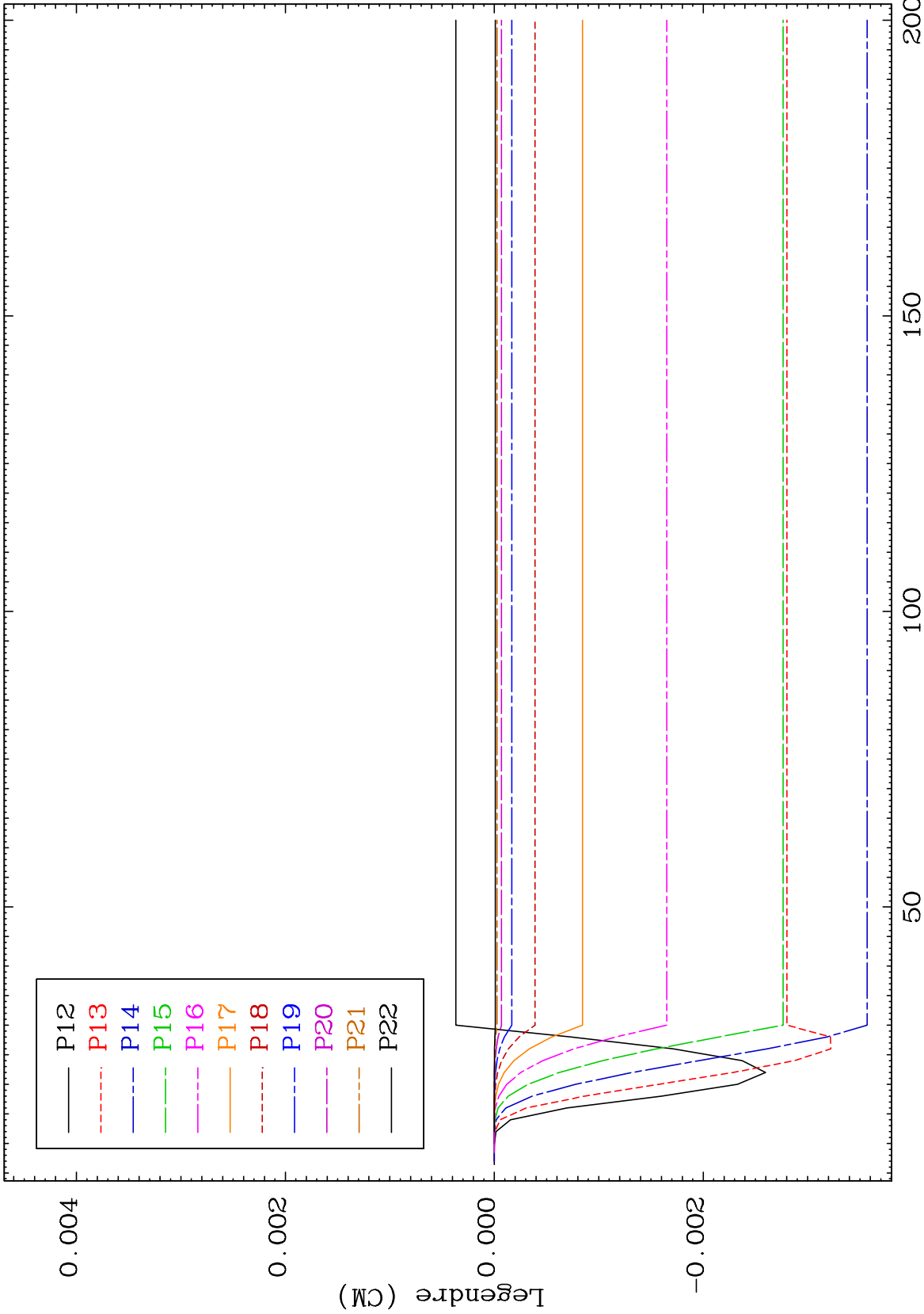
Incident Energy (MeV)

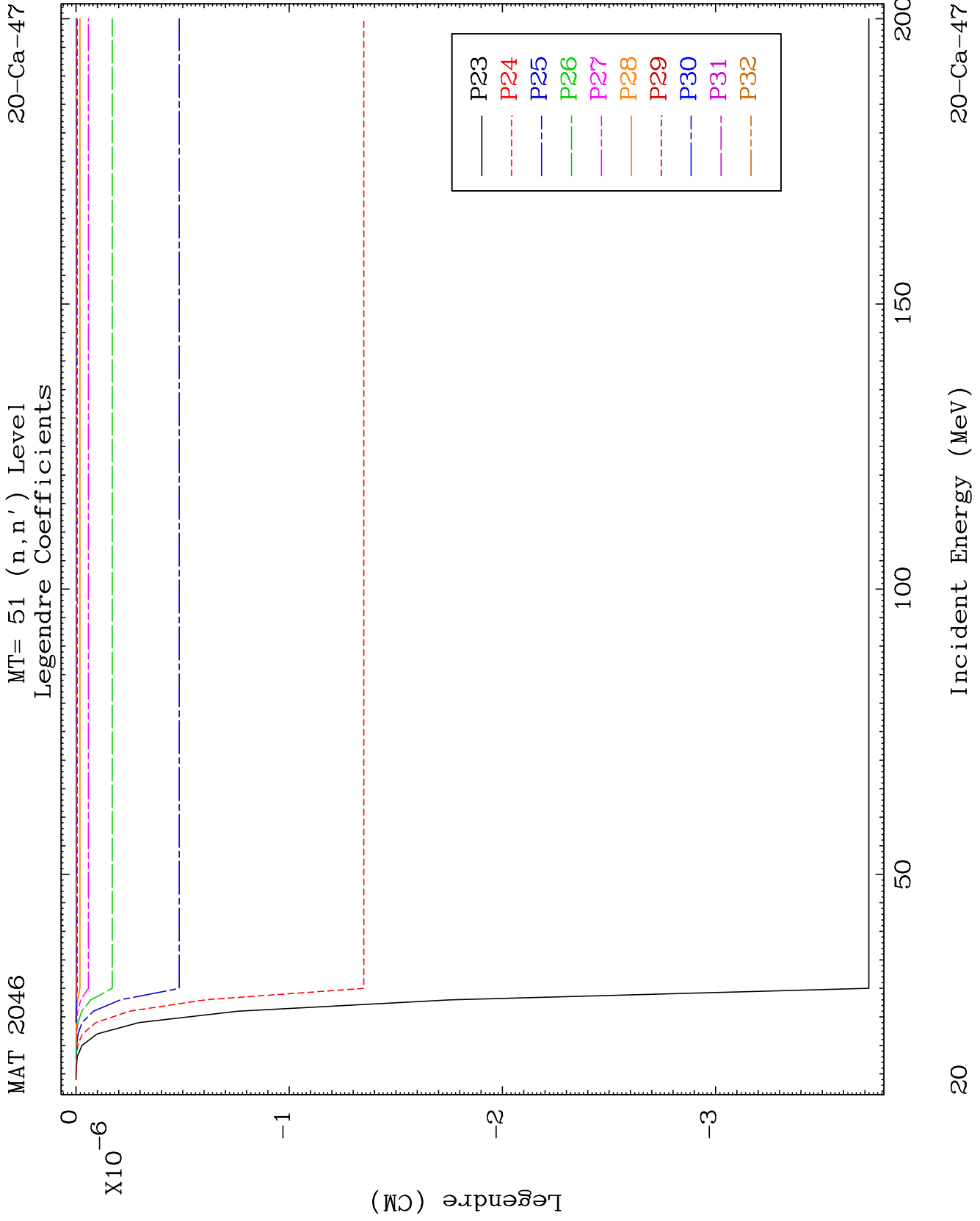
20-Ca-47

MAT 2046

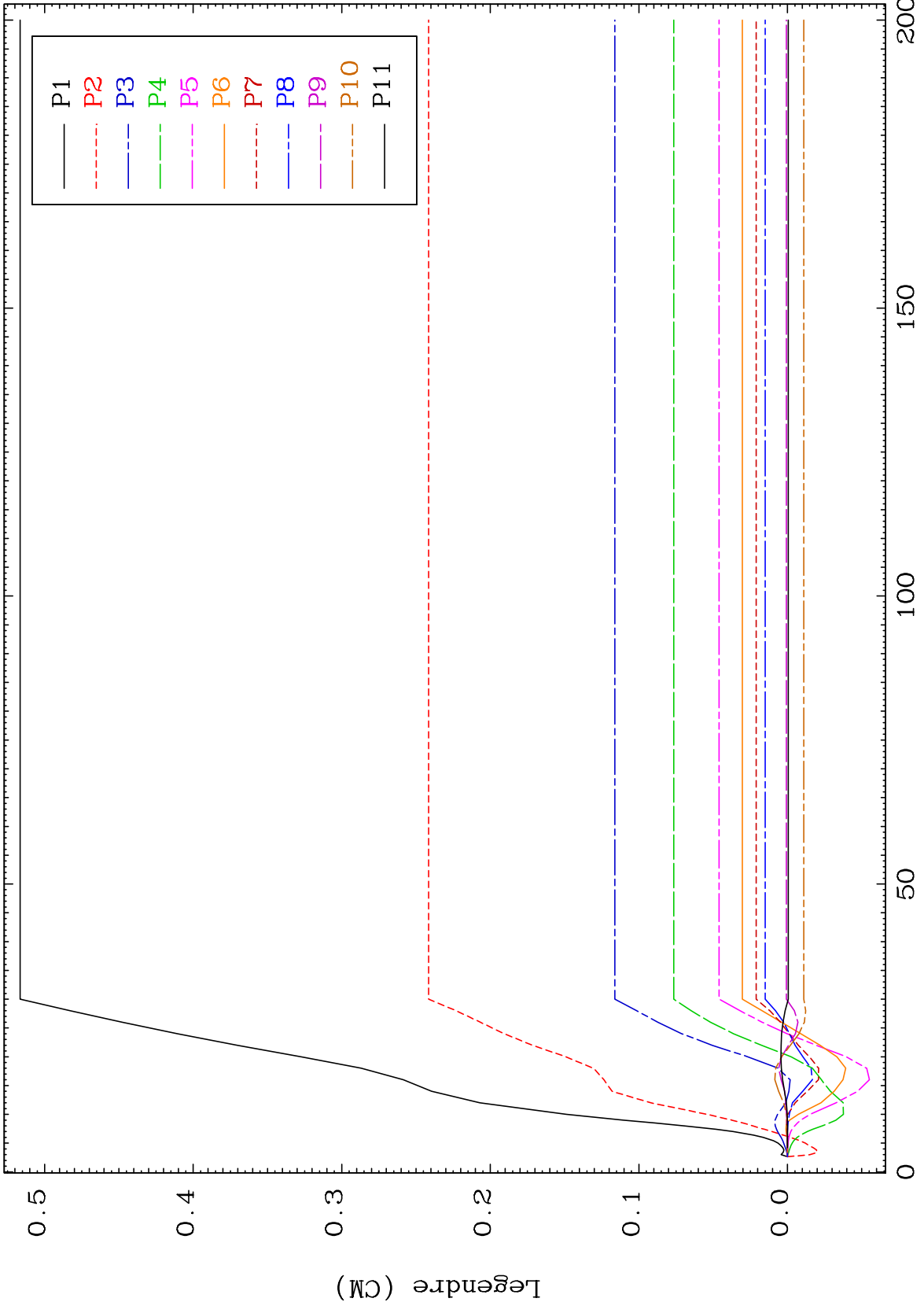
MT= 51 (n,n') Level
Legendre Coefficients

20-Ca-47





MAT 2046 MT= 52 (n,n') Level Legendre Coefficients 20-Ca-47

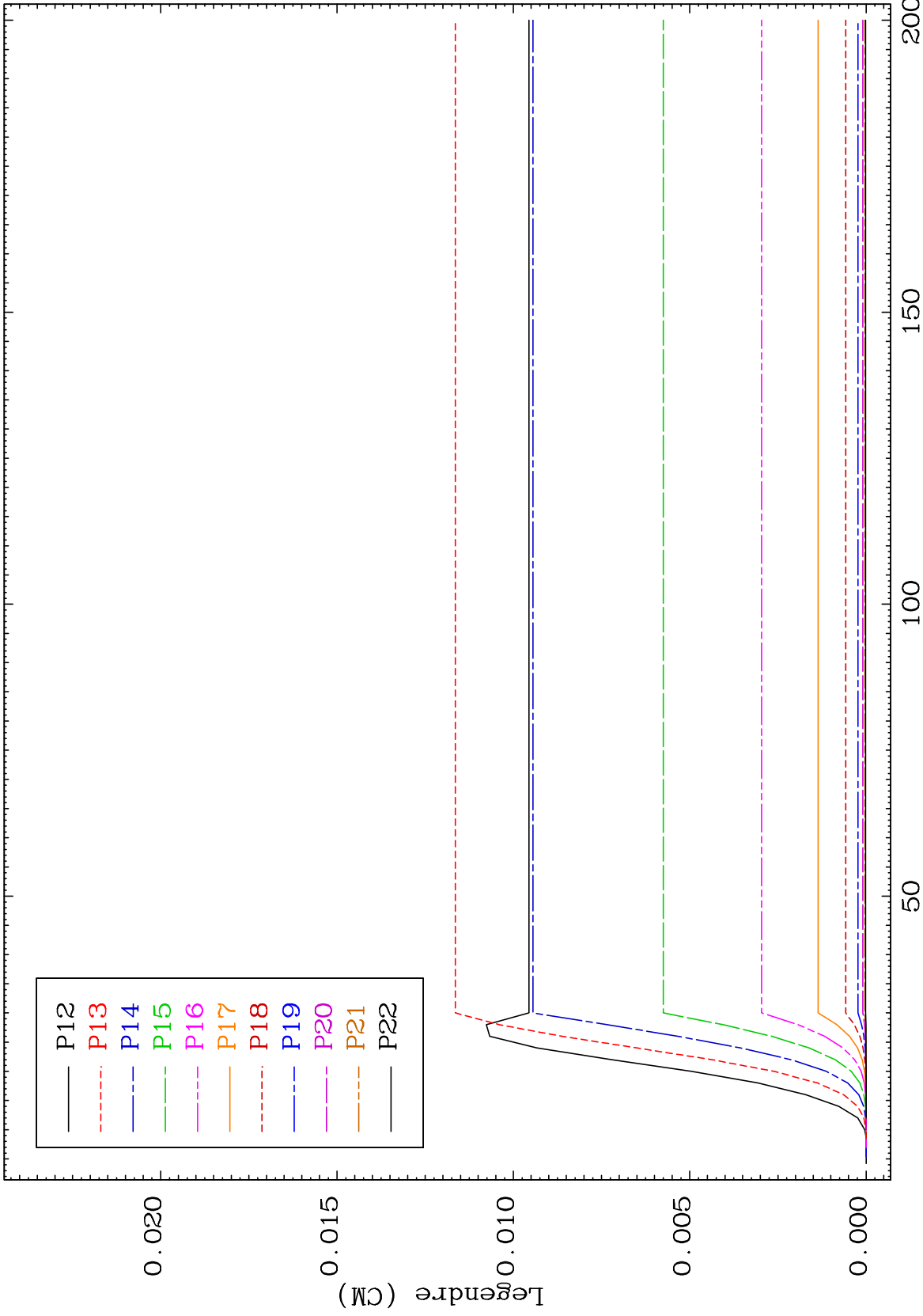


21 20-Ca-47

MAT 2046

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

20-Ca-47



22

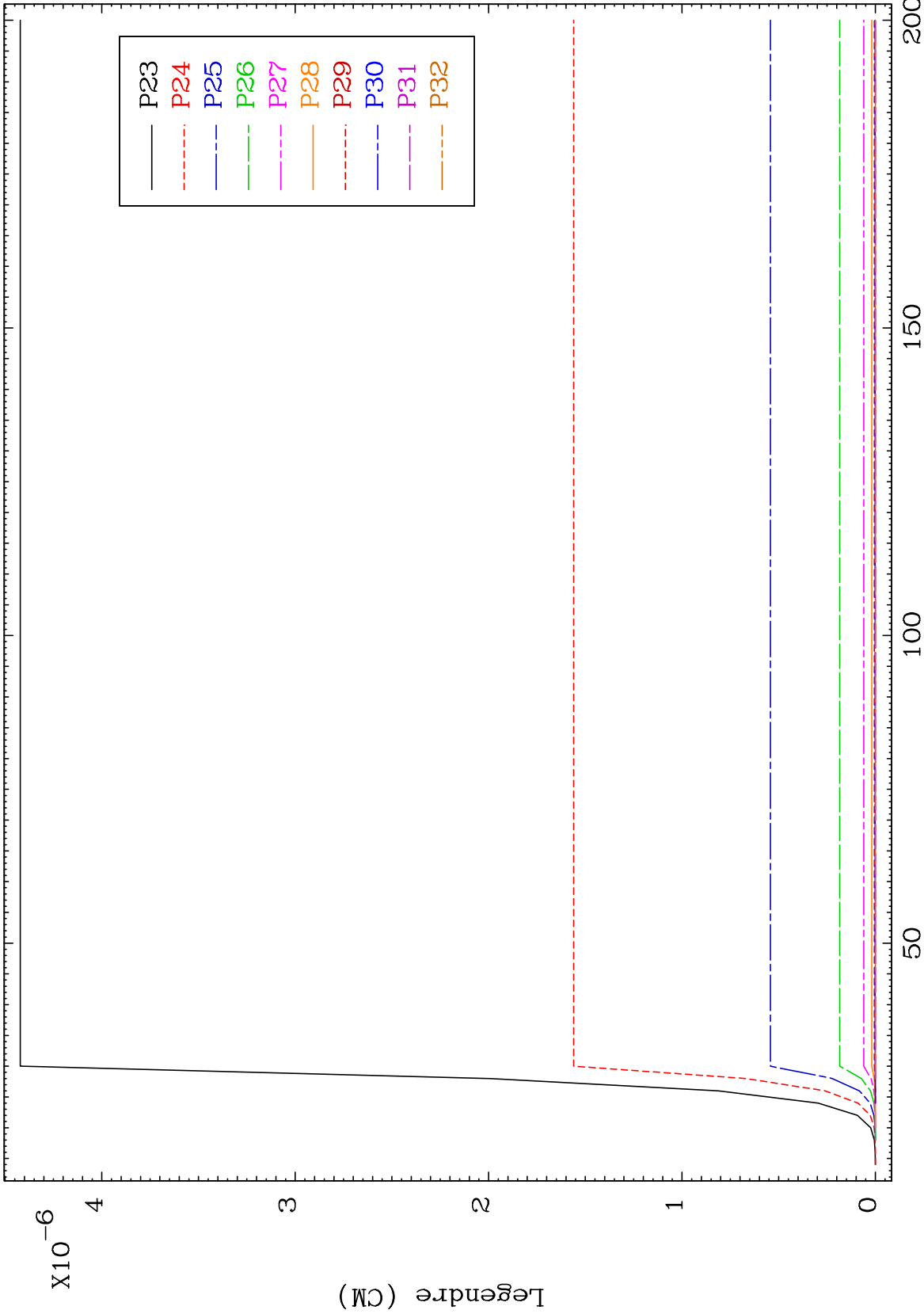
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

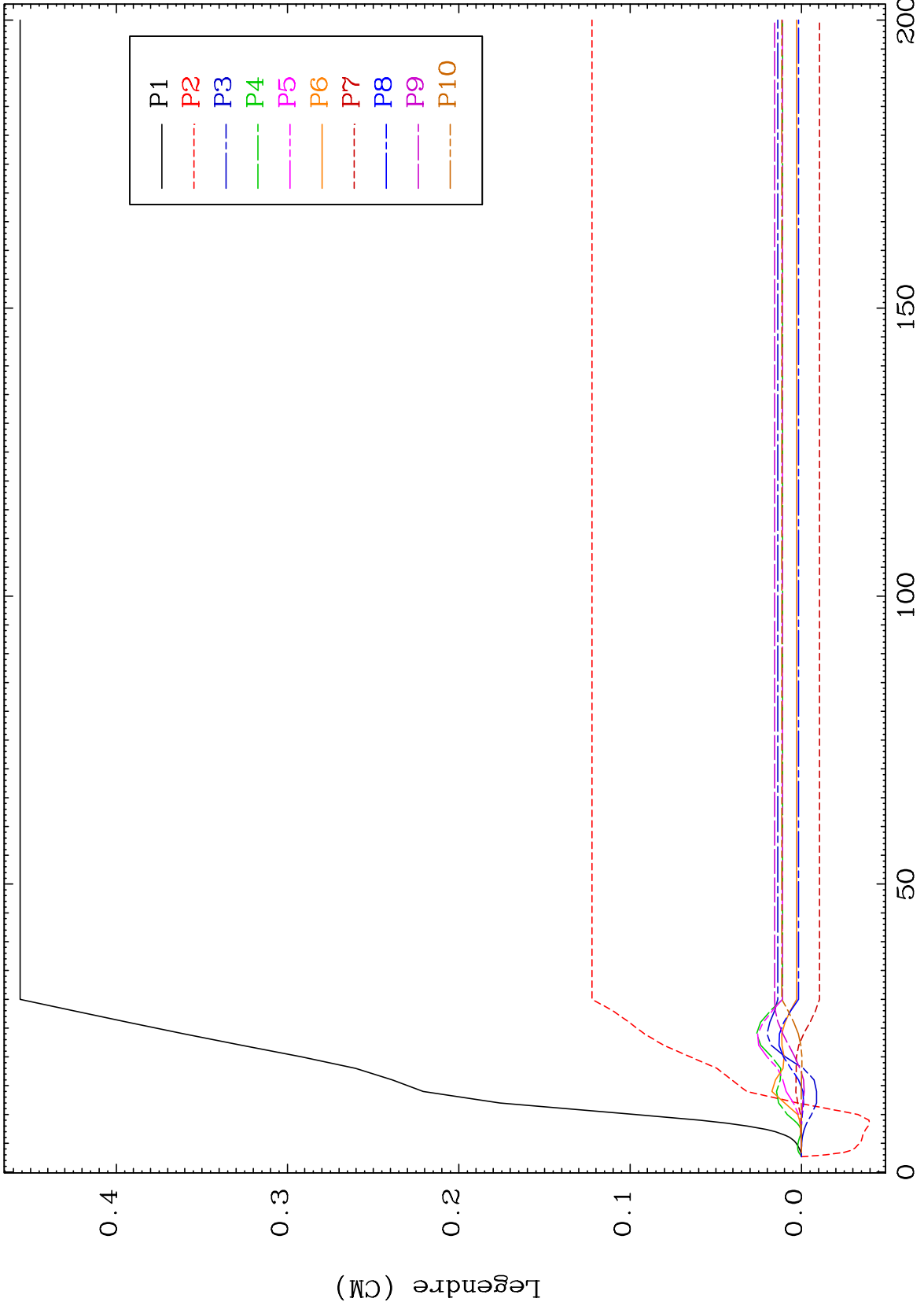


23

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 53 (n,n') Level Legendre Coefficients 20-Ca-47

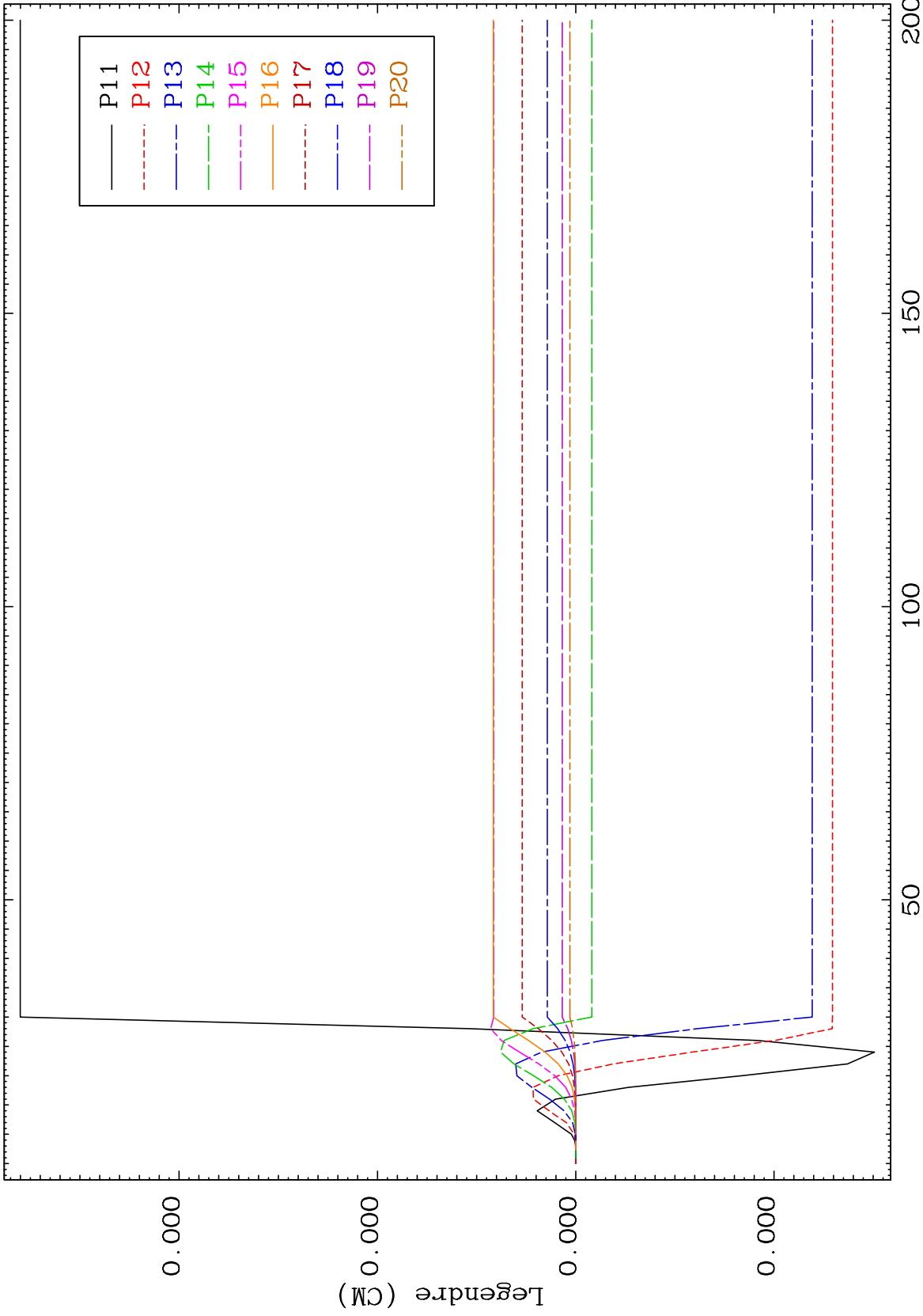


24 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



25

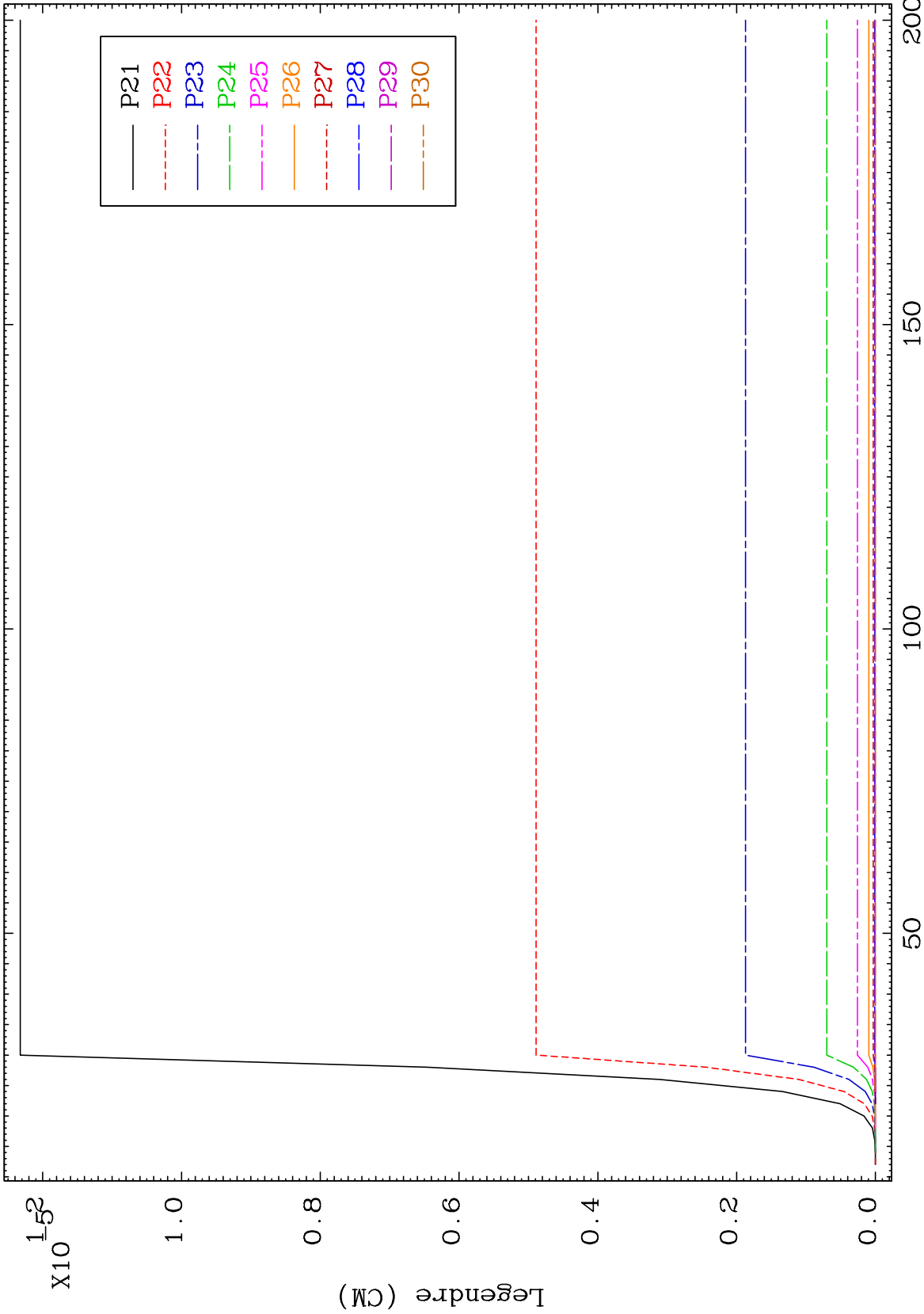
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



26

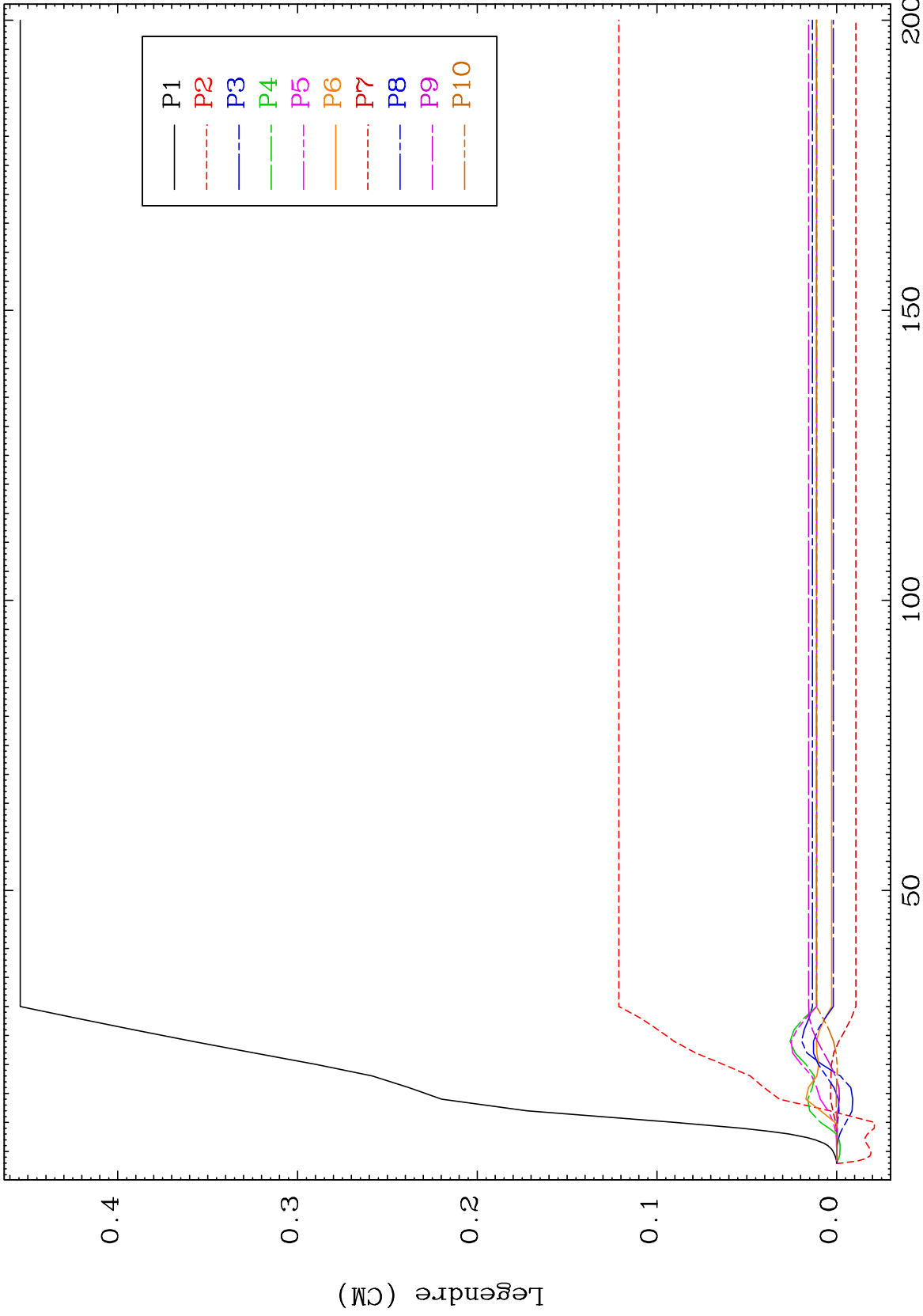
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



27

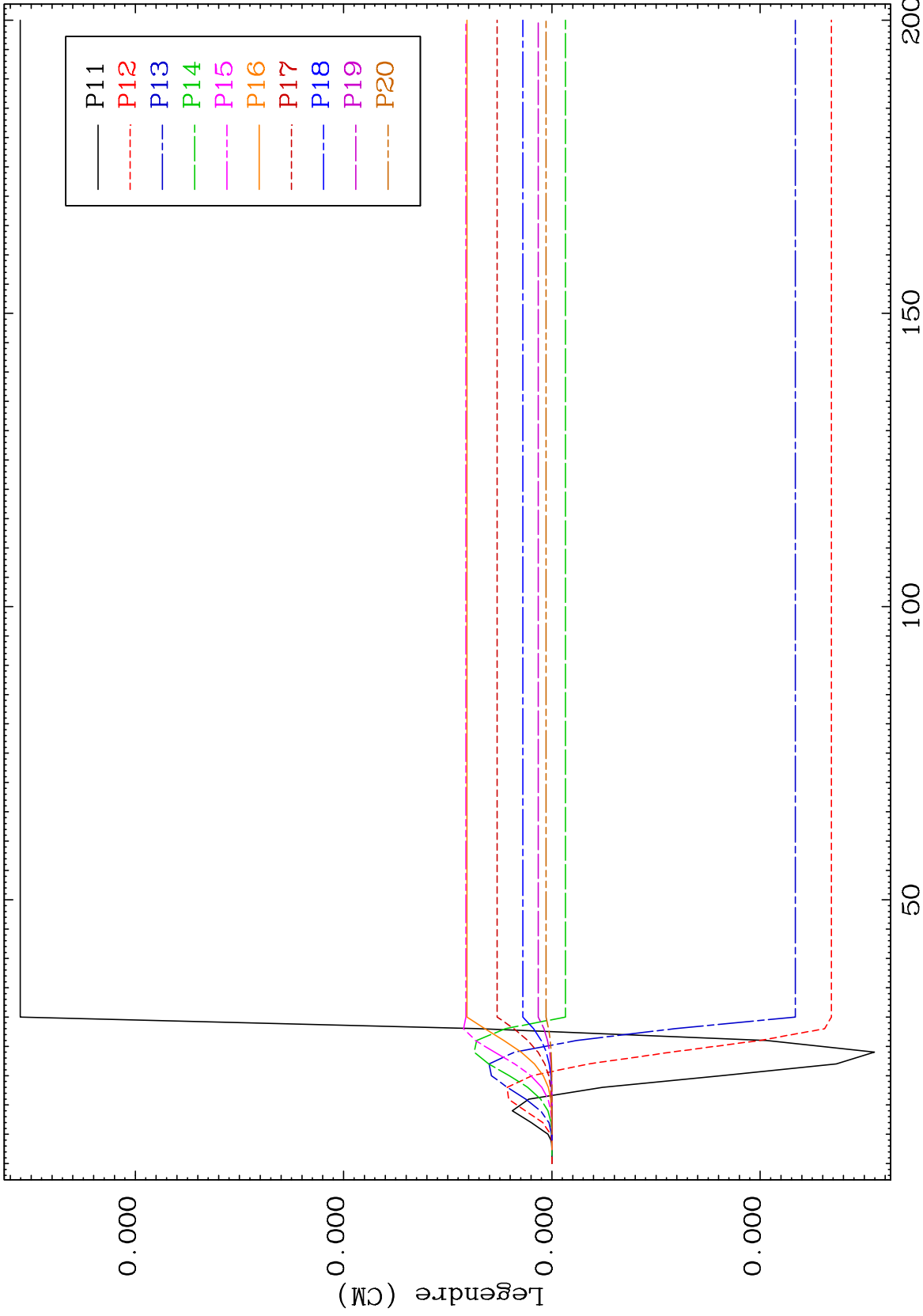
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

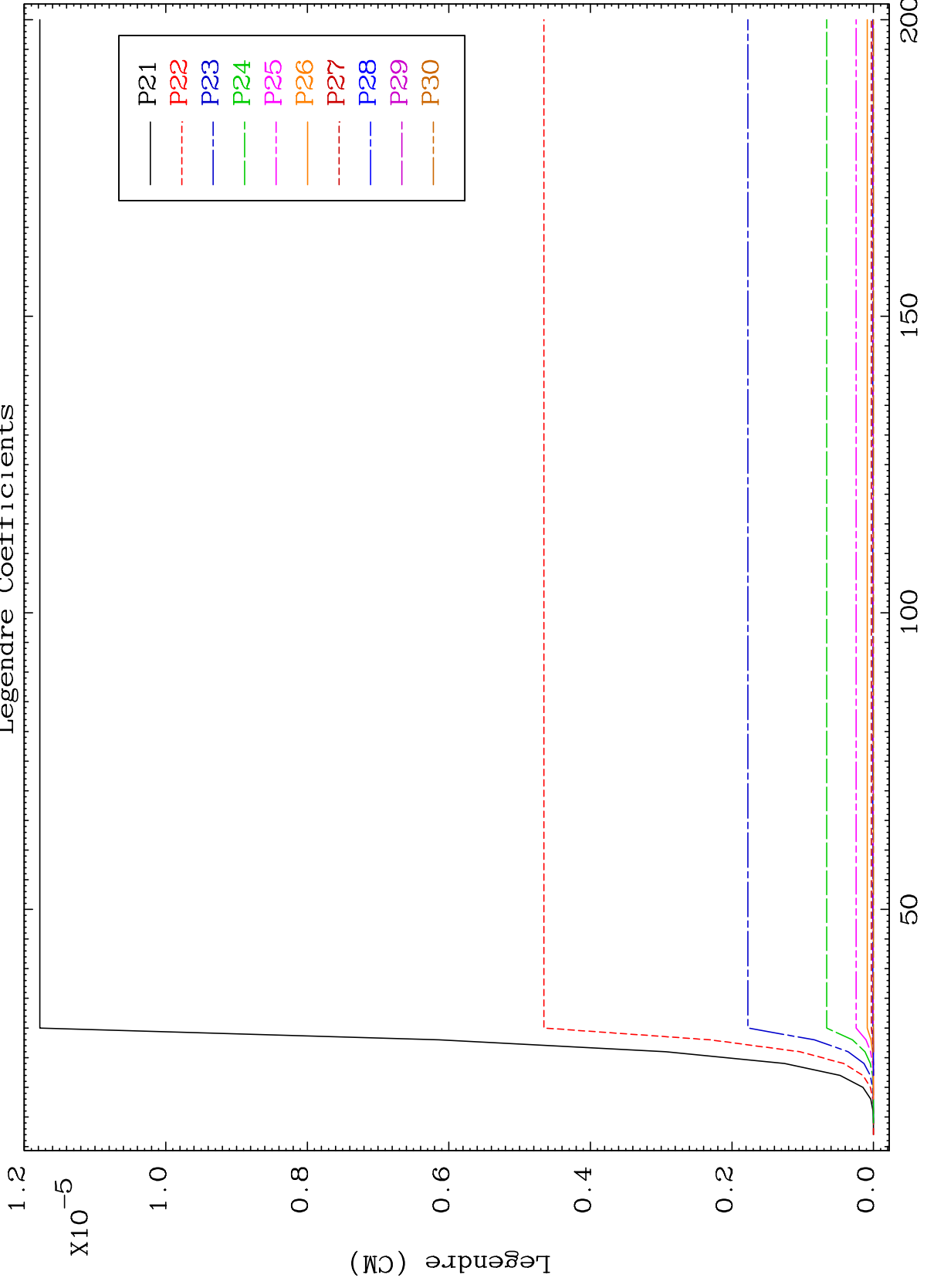


28

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 54 (n,n') Level Legendre Coefficients 20-Ca-47

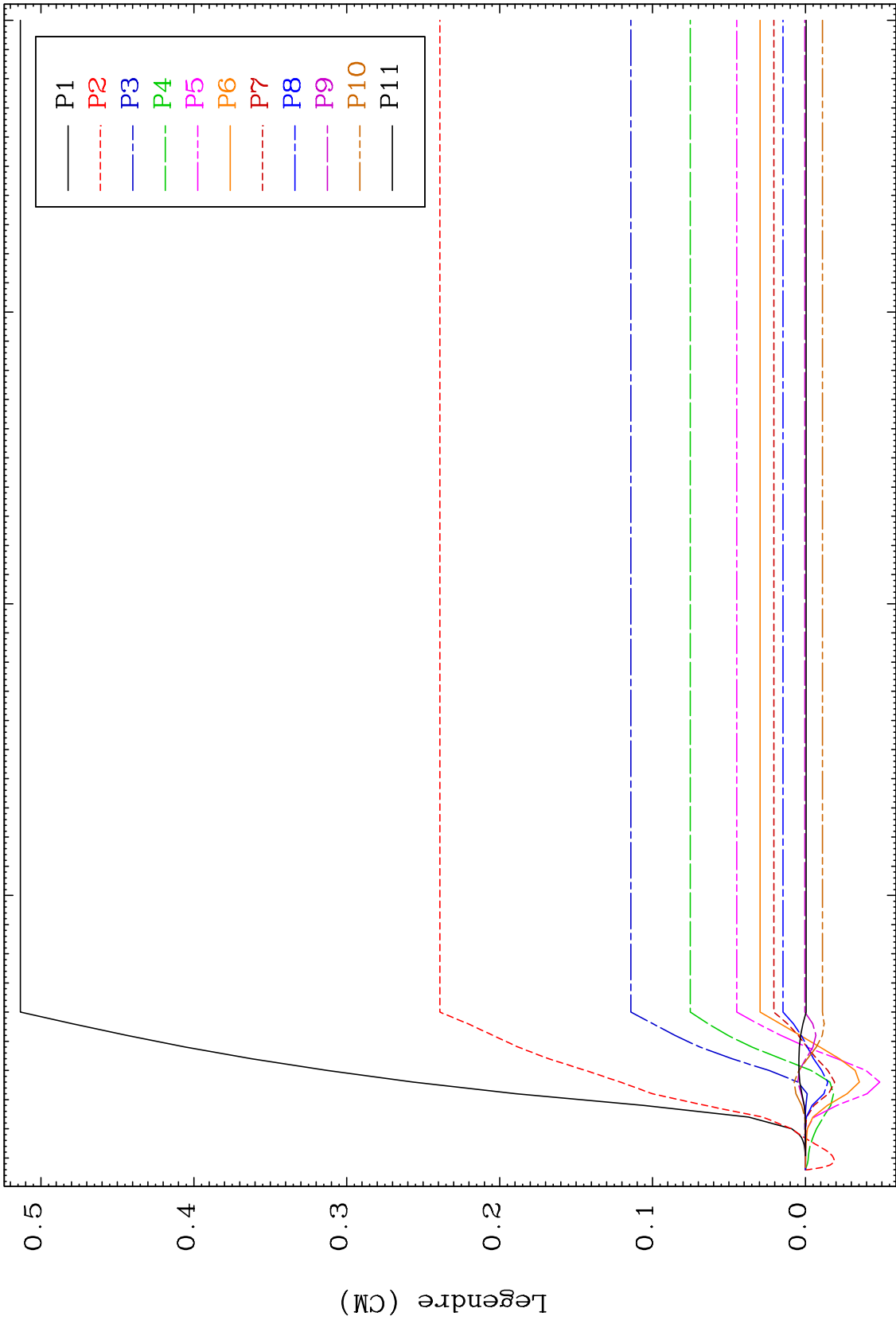


29

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 55 (n,n') Level Legendre Coefficients 20-Ca-47

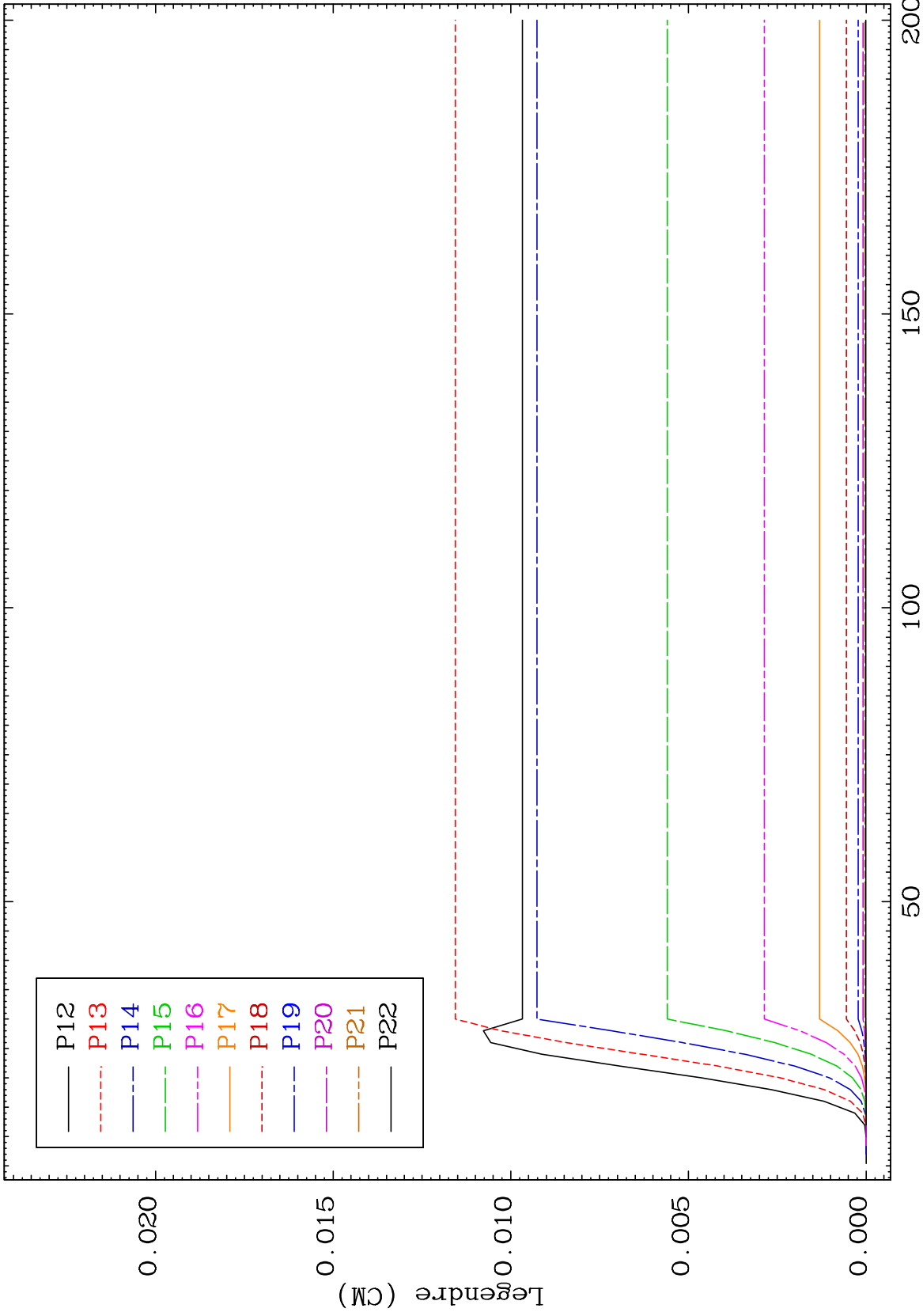


30 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

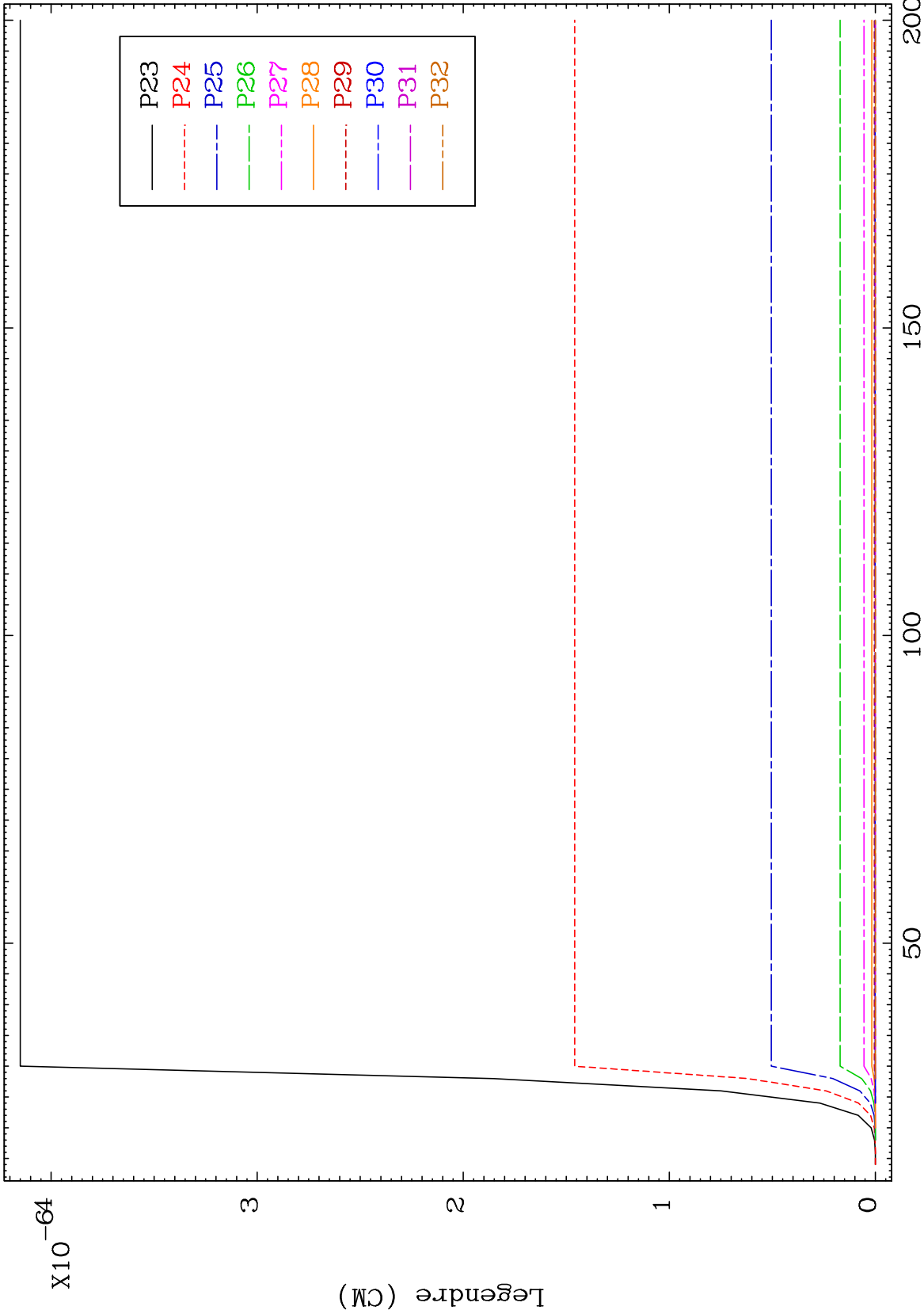
20-Ca-47



MAT 2046

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

20-Ca-47

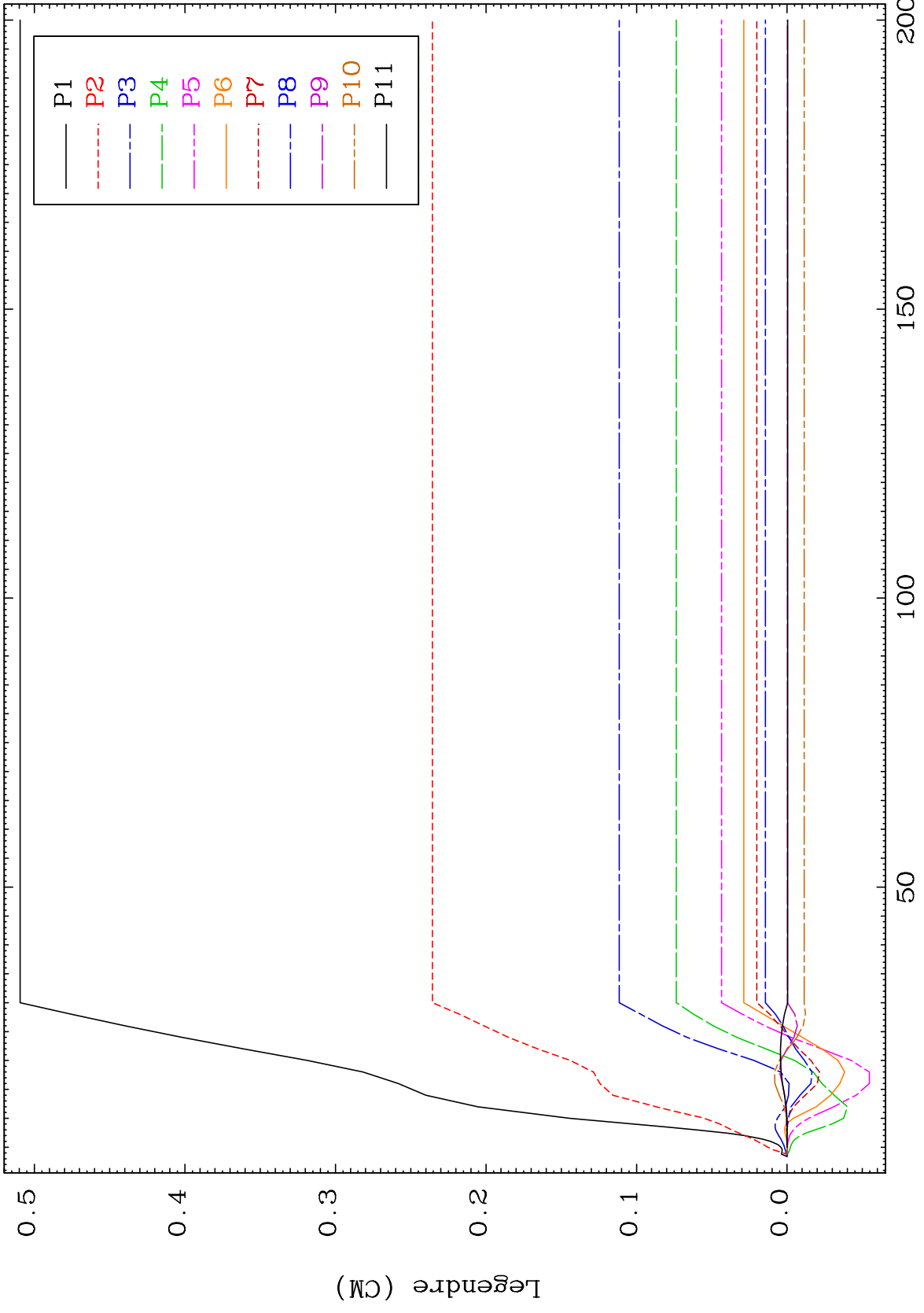


32

Incident Energy (MeV)

20-Ca-47

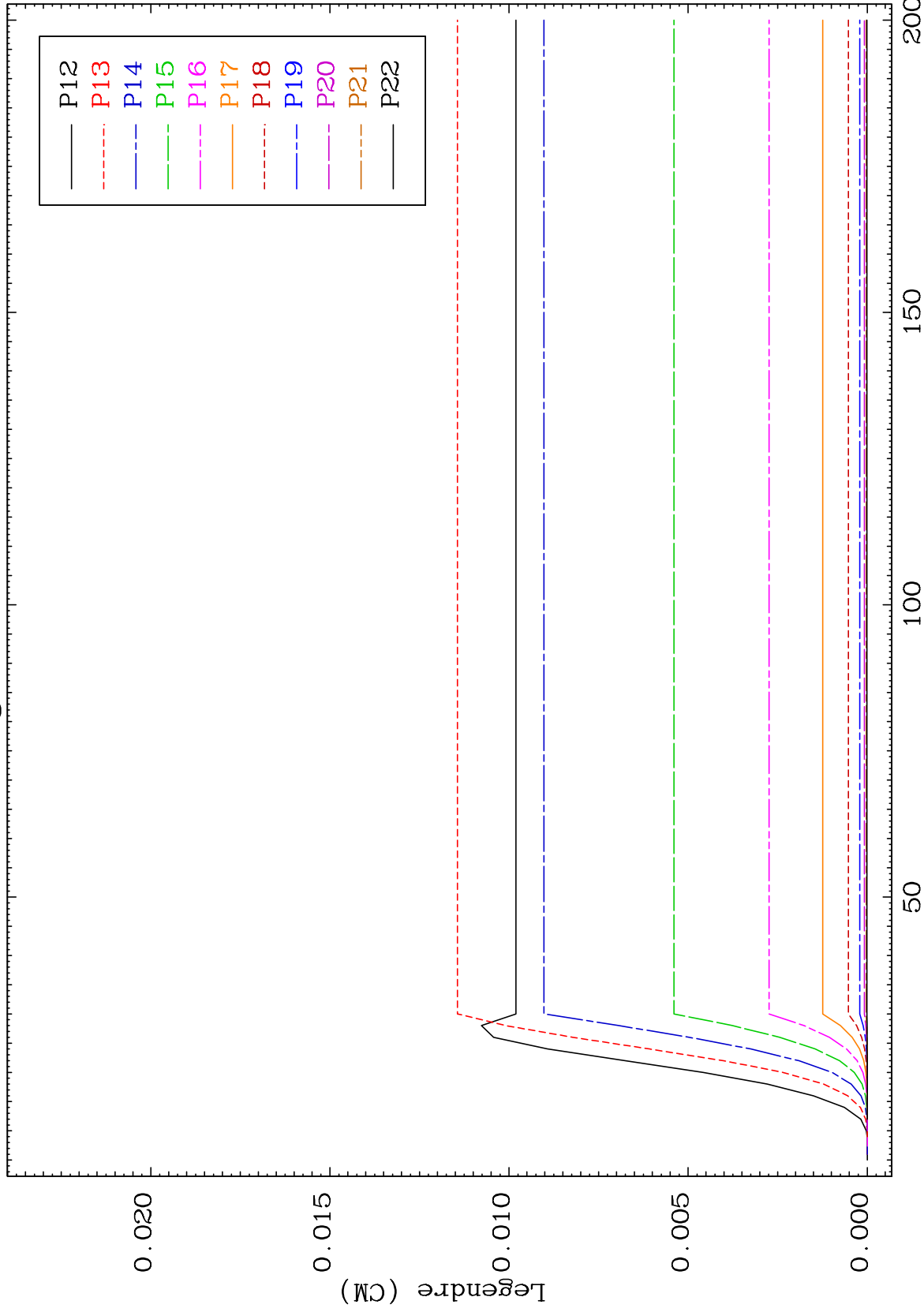
MAT 2046 MT= 56 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47



34

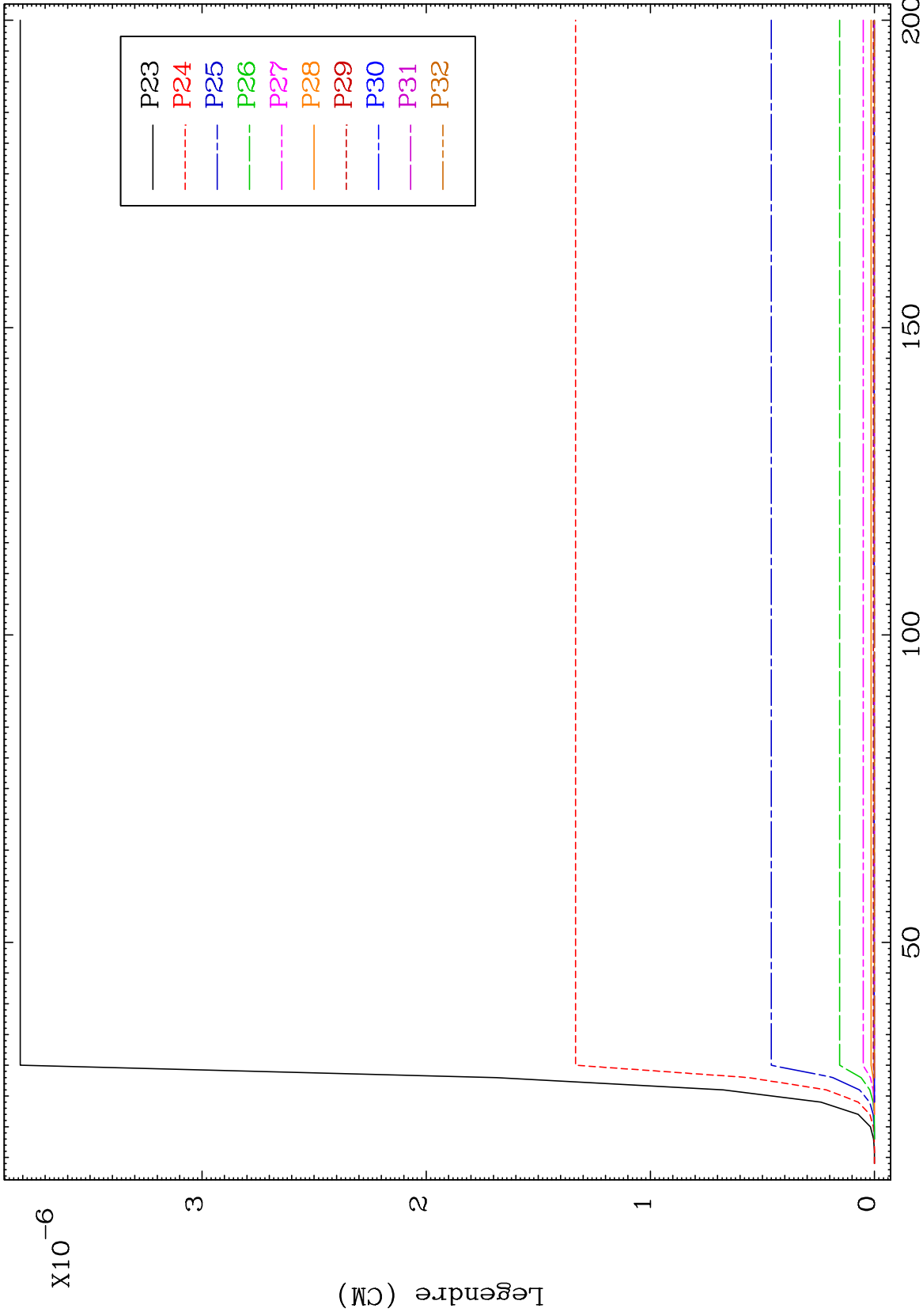
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

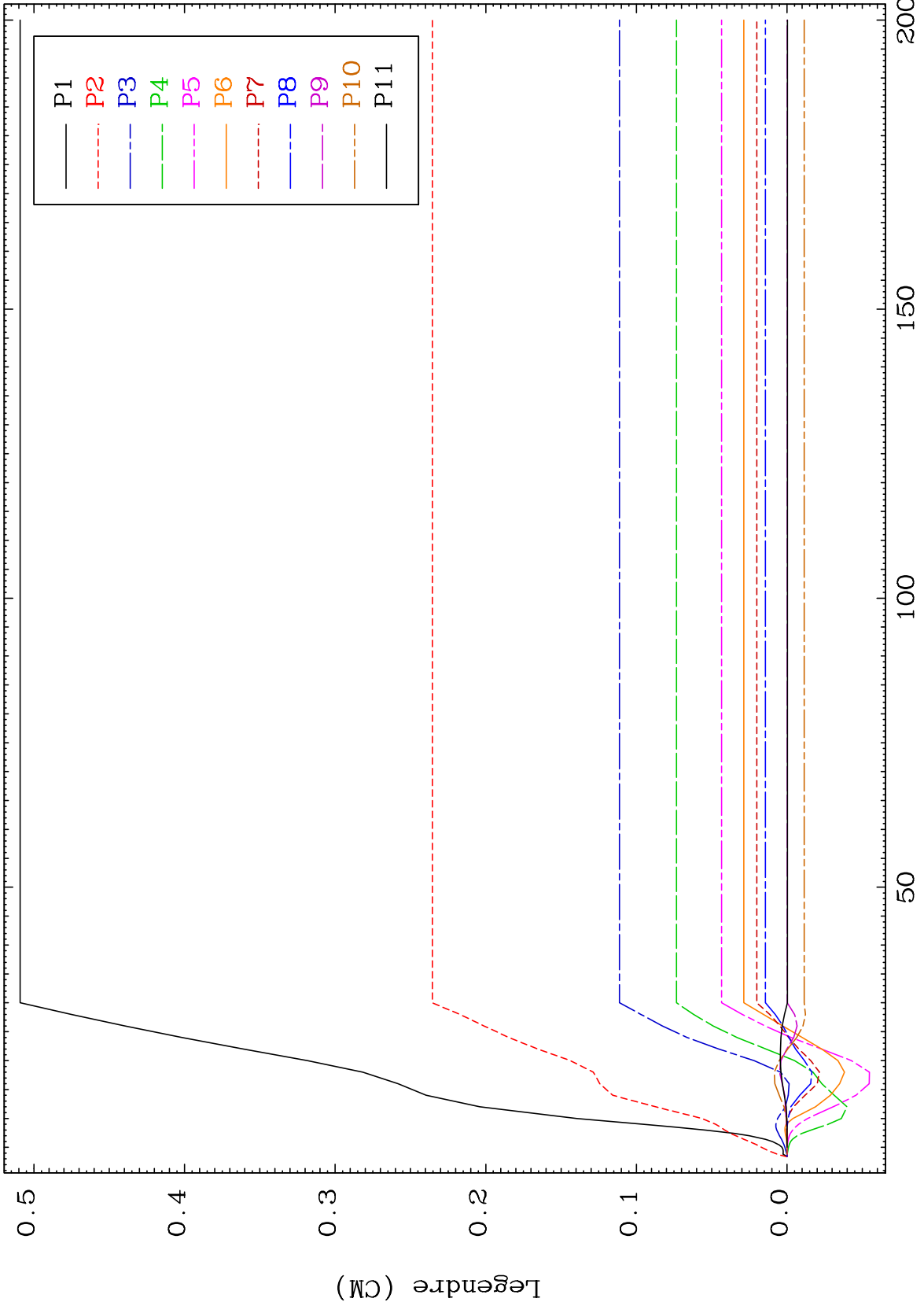


35

Incident Energy (MeV)

20-Ca-47

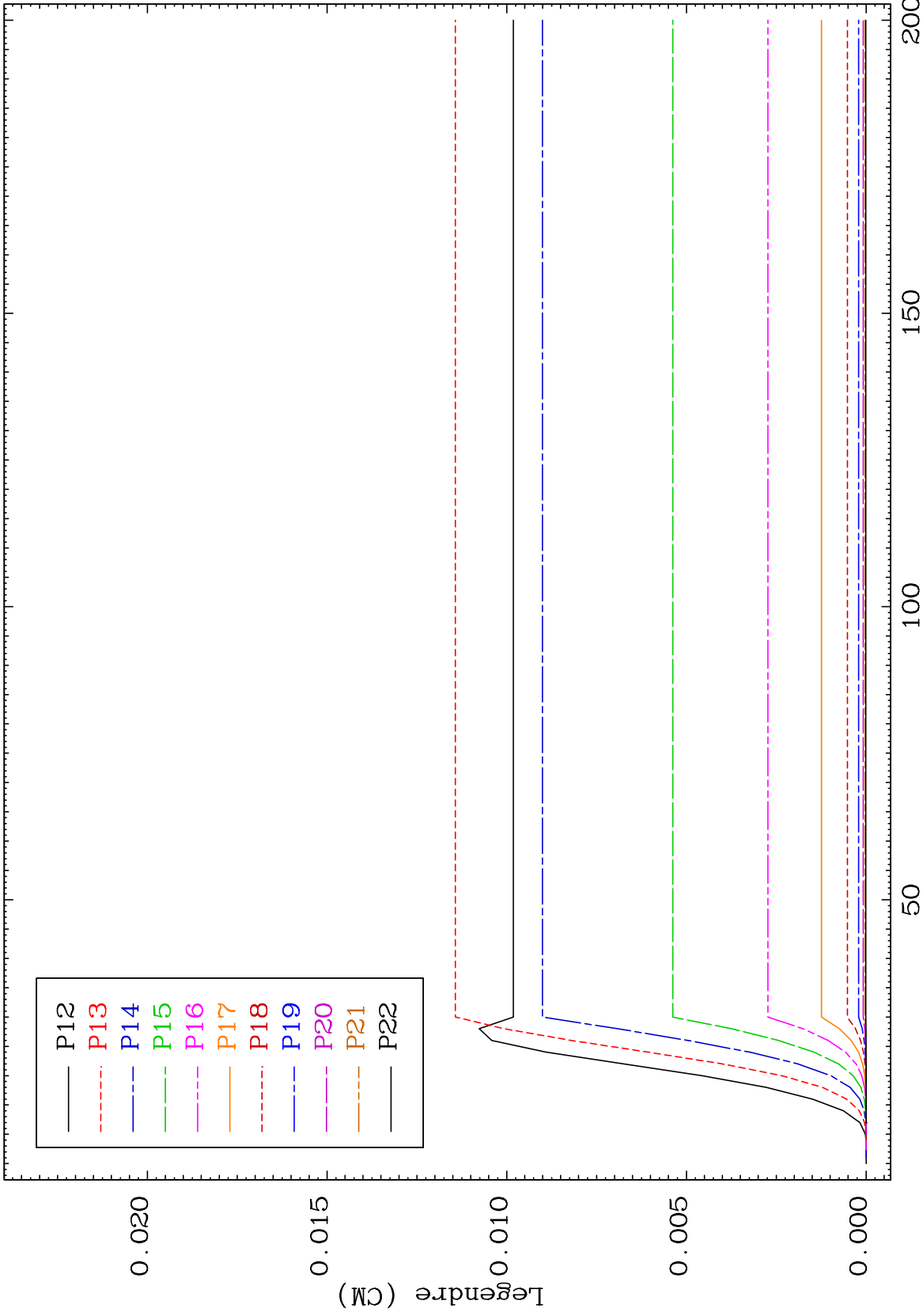
MAT 2046 MT= 57 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47



37

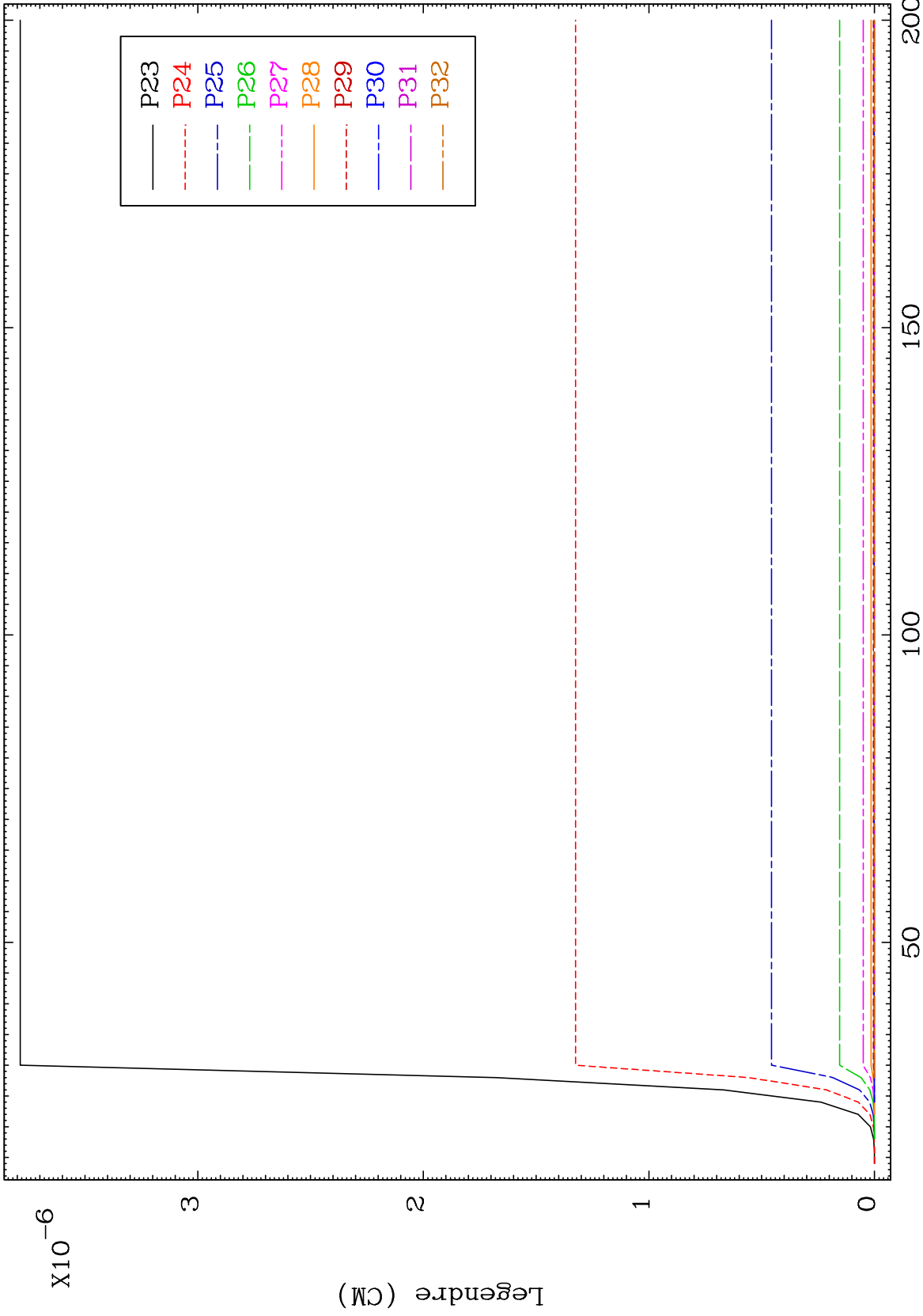
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

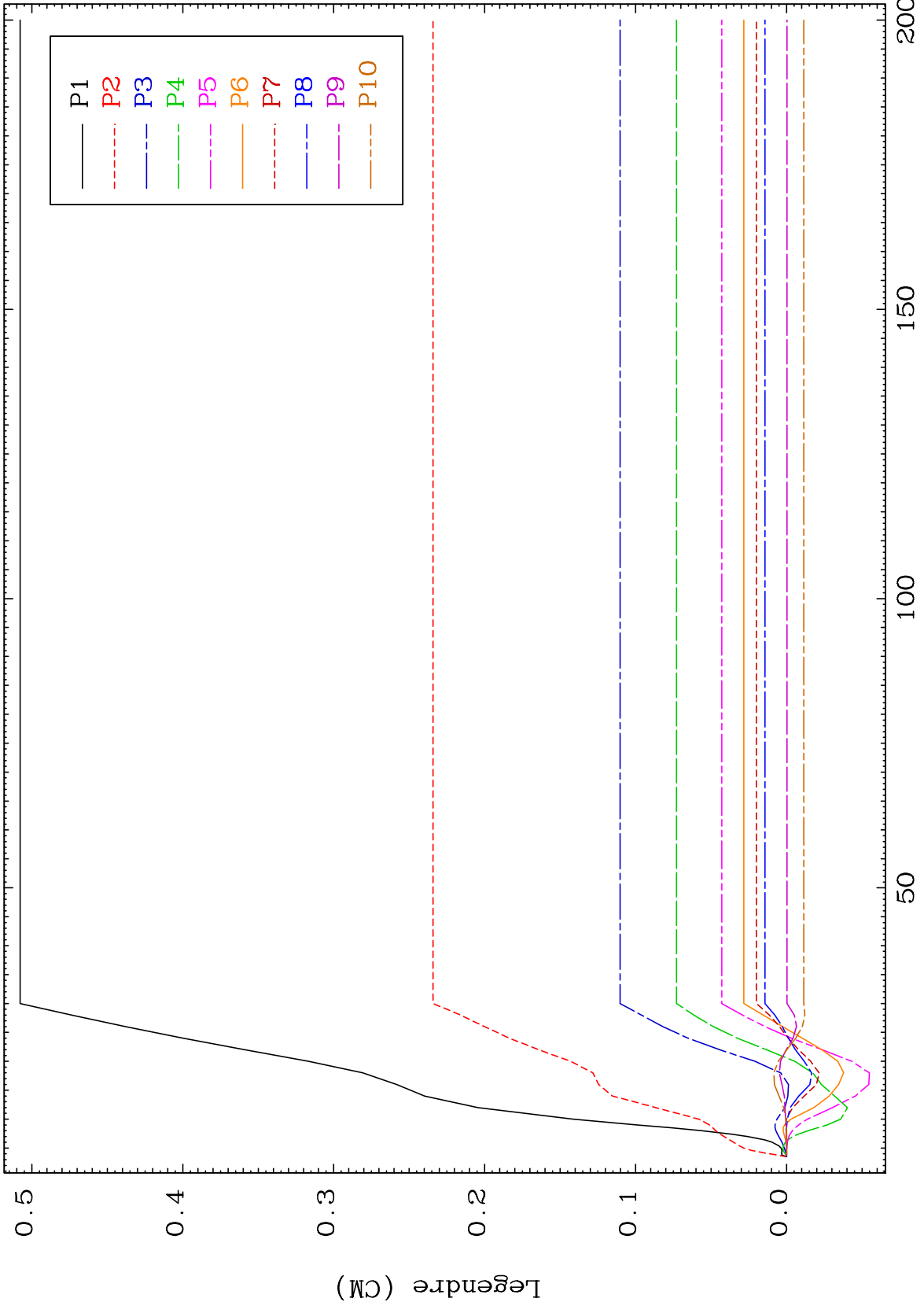


38

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 58 (n,n') Level Legendre Coefficients 20-Ca-47

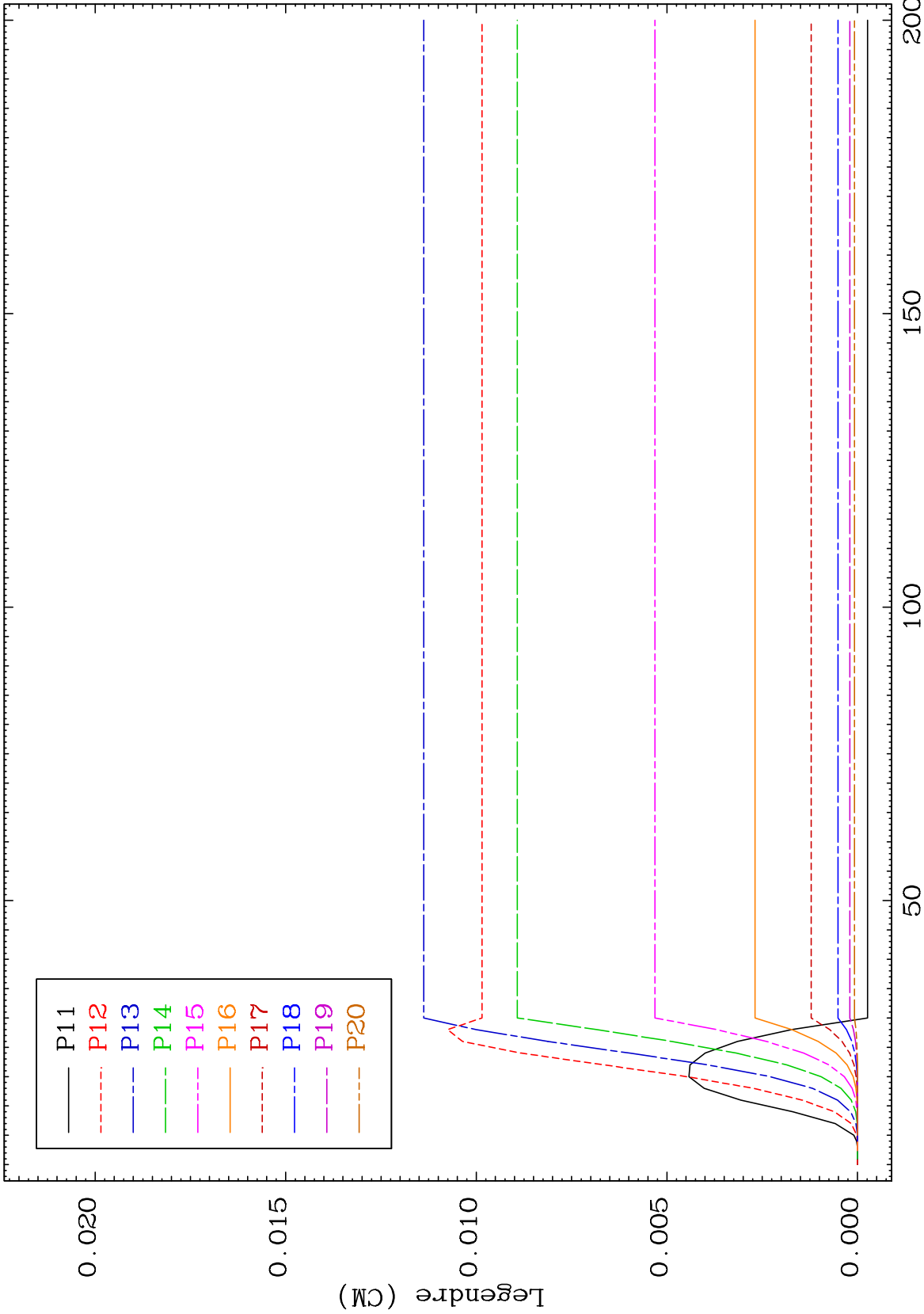


39 50 100 150 200 20-Ca-47

MAT 2046

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

20-Ca-47



40

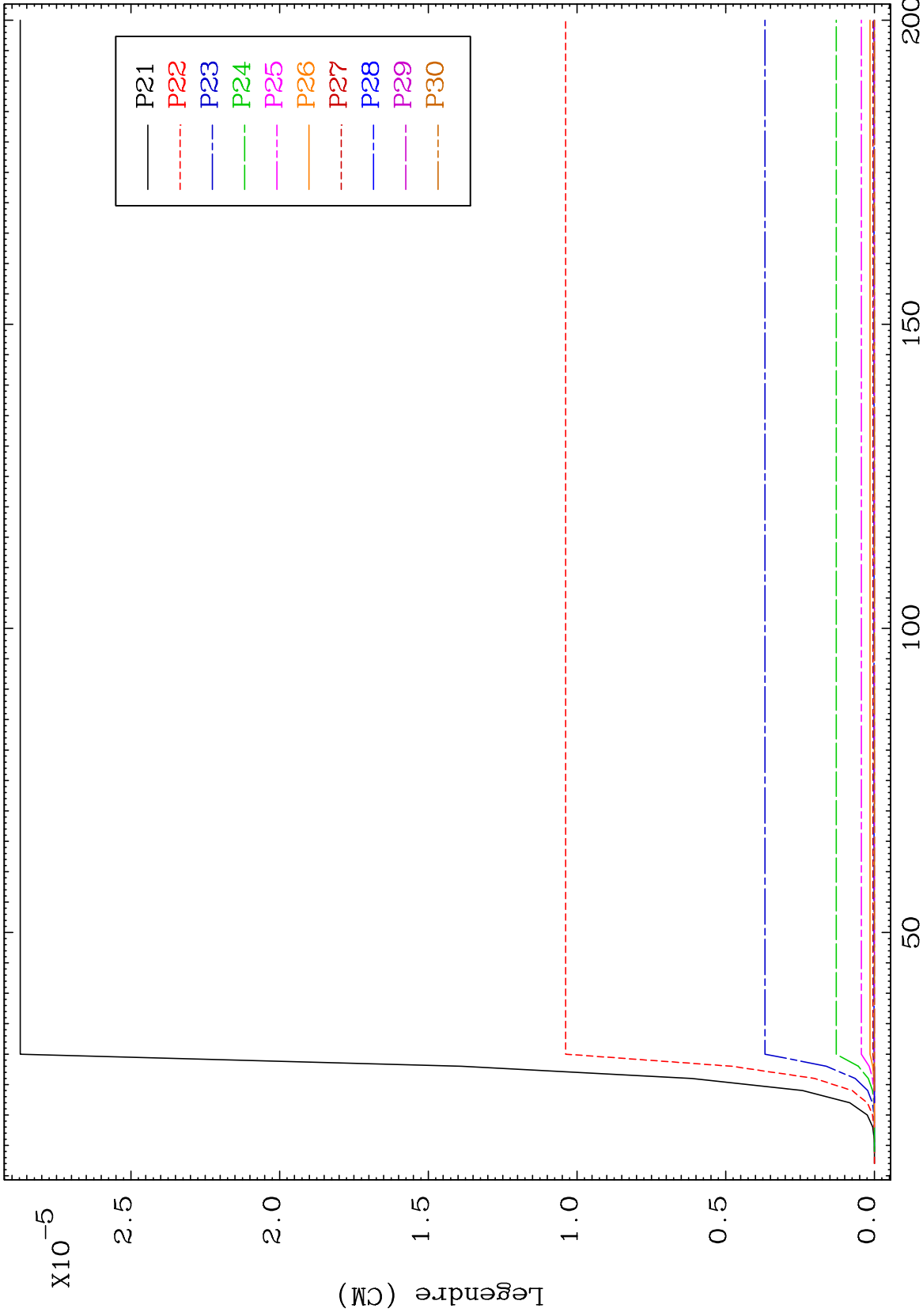
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



41

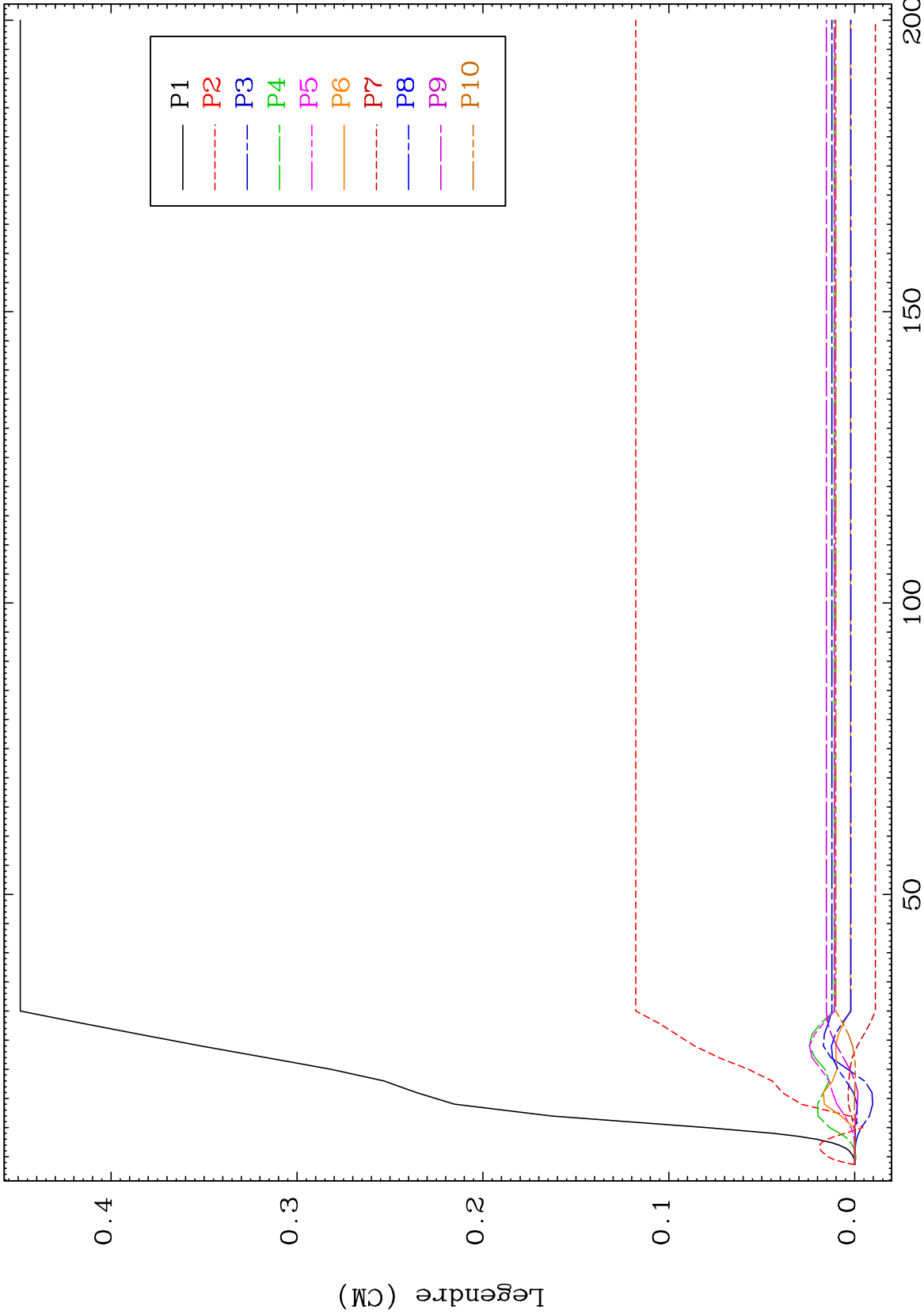
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



42

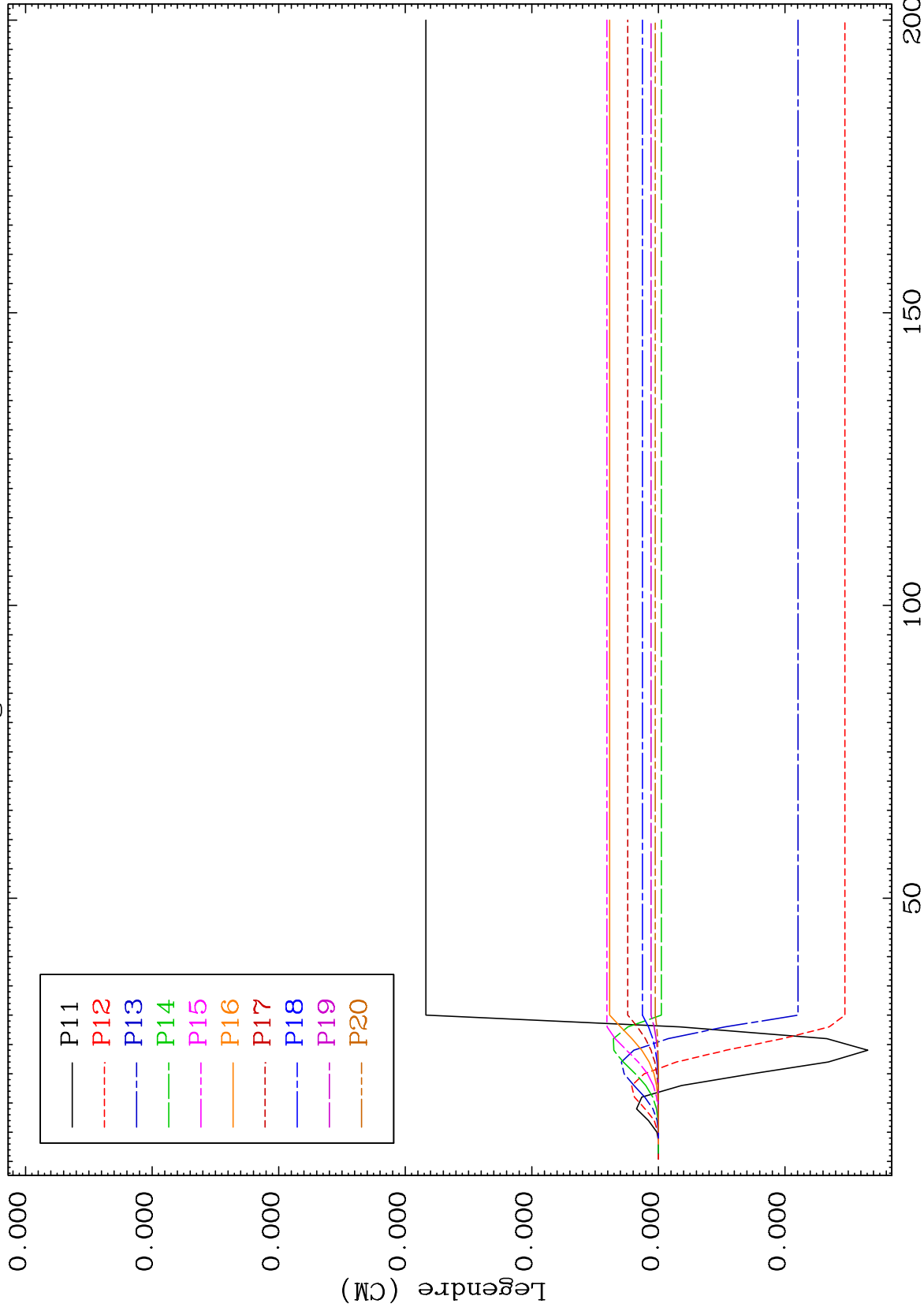
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



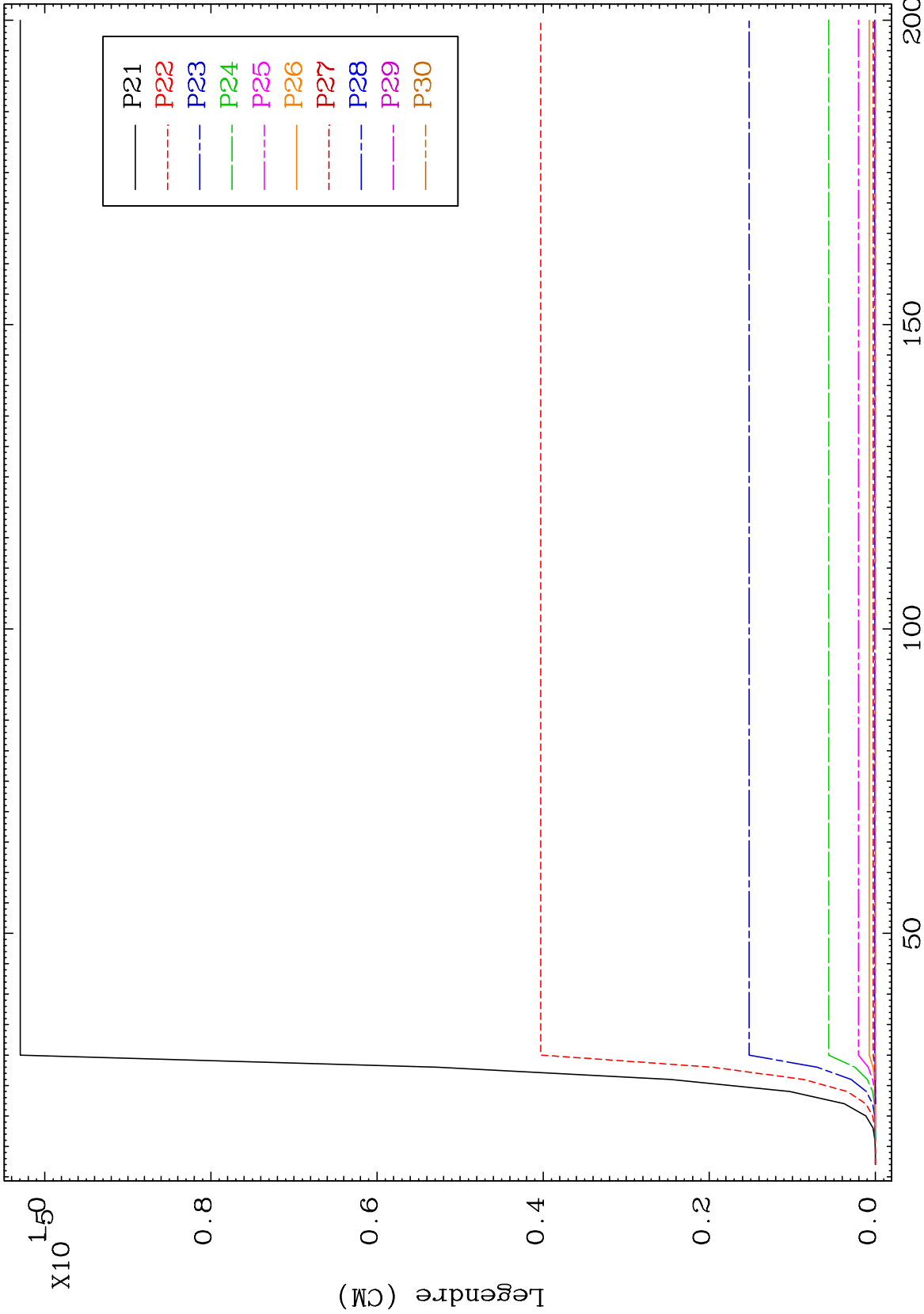
43

20-Ca-47

MAT 2046

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

20-Ca-47

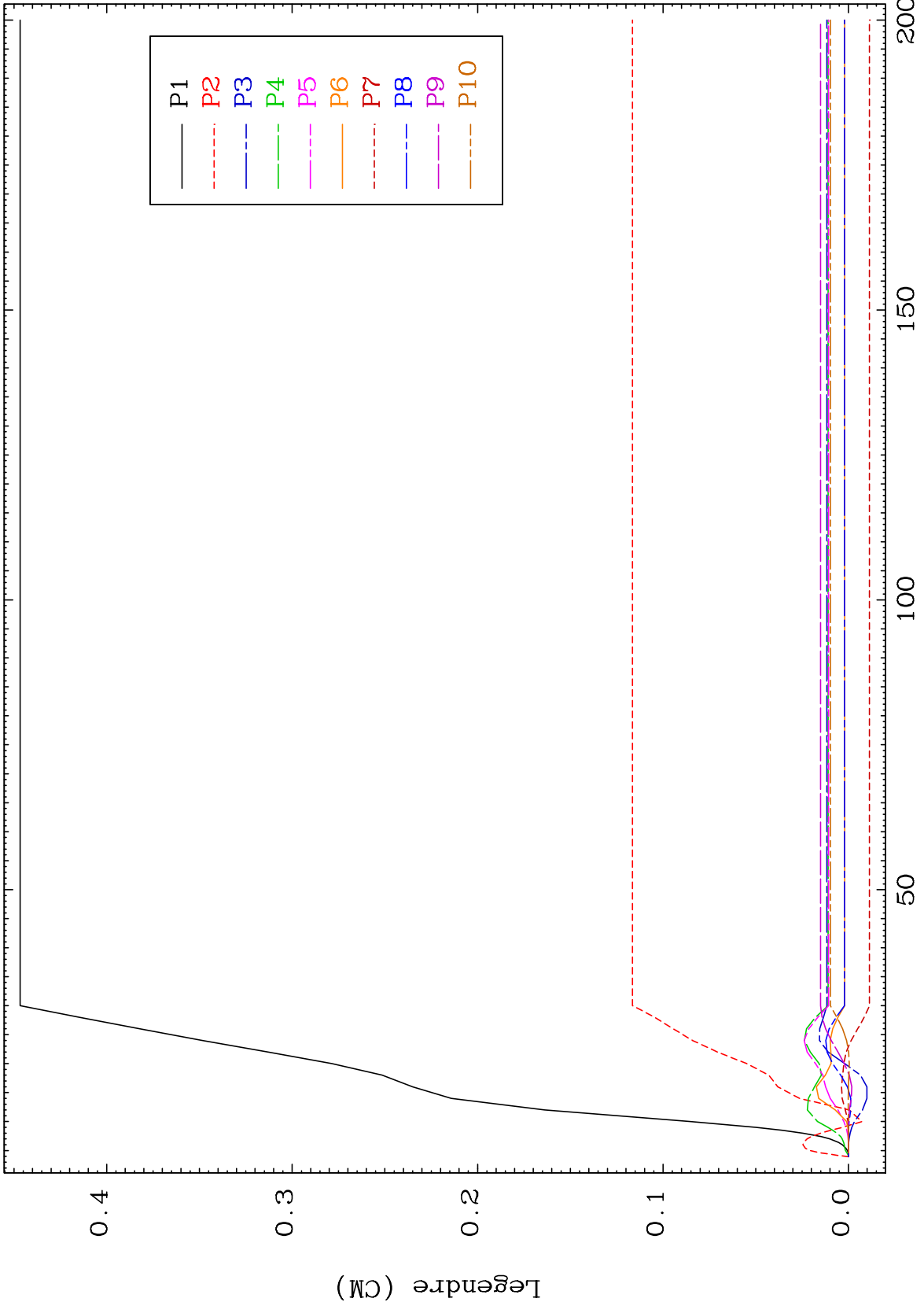


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Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 60 (n,n') Level Legendre Coefficients 20-Ca-47

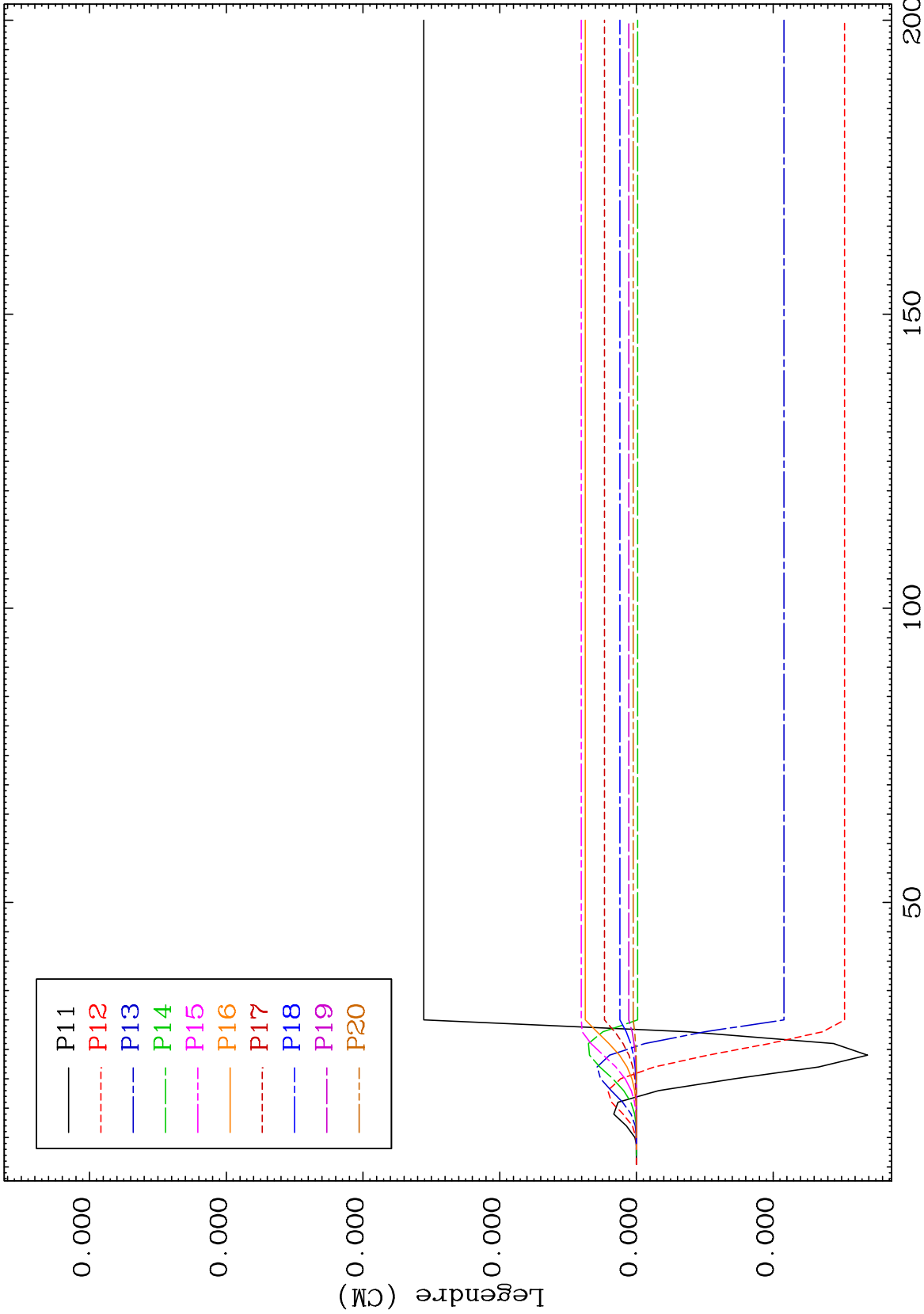


45 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



46

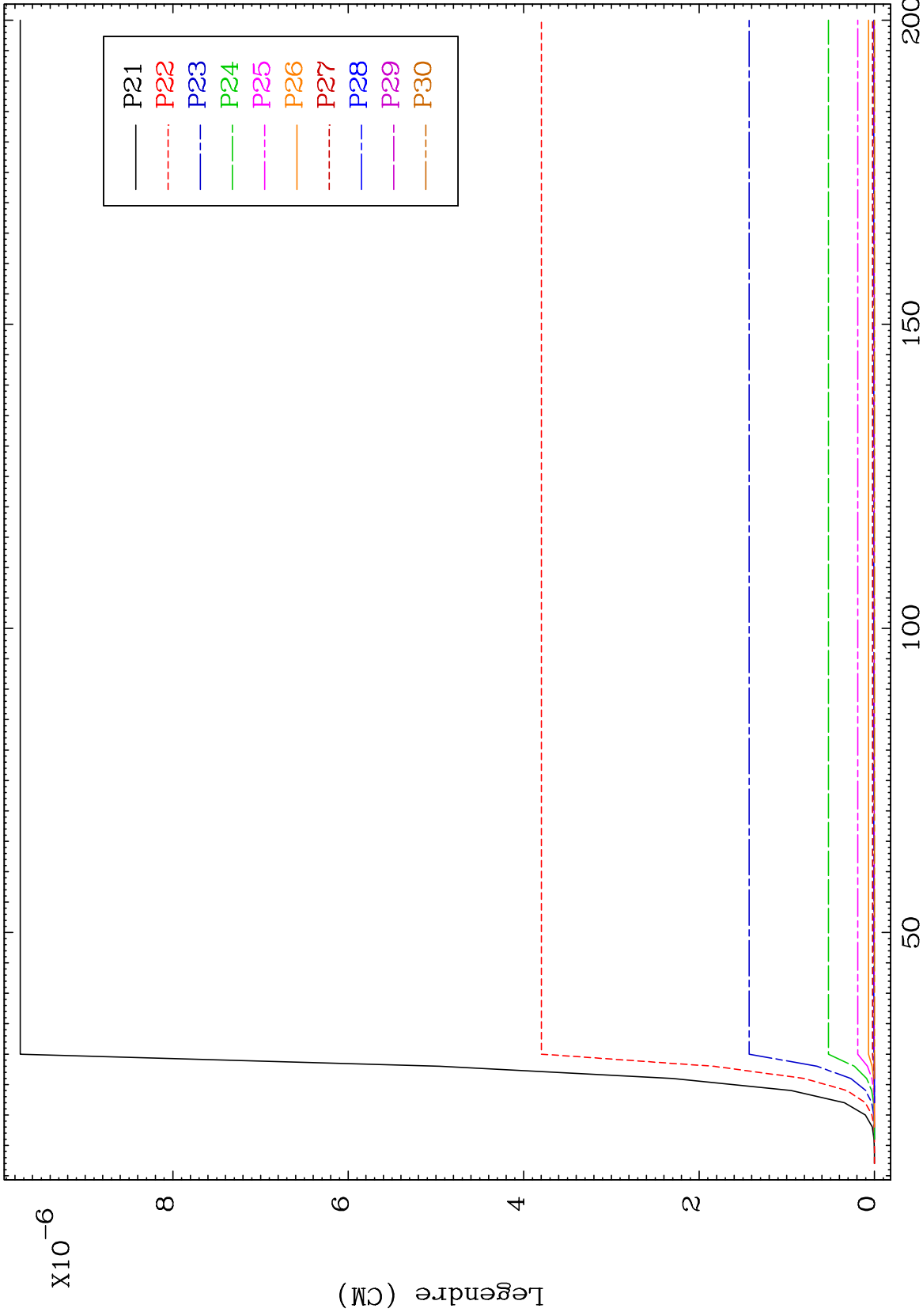
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

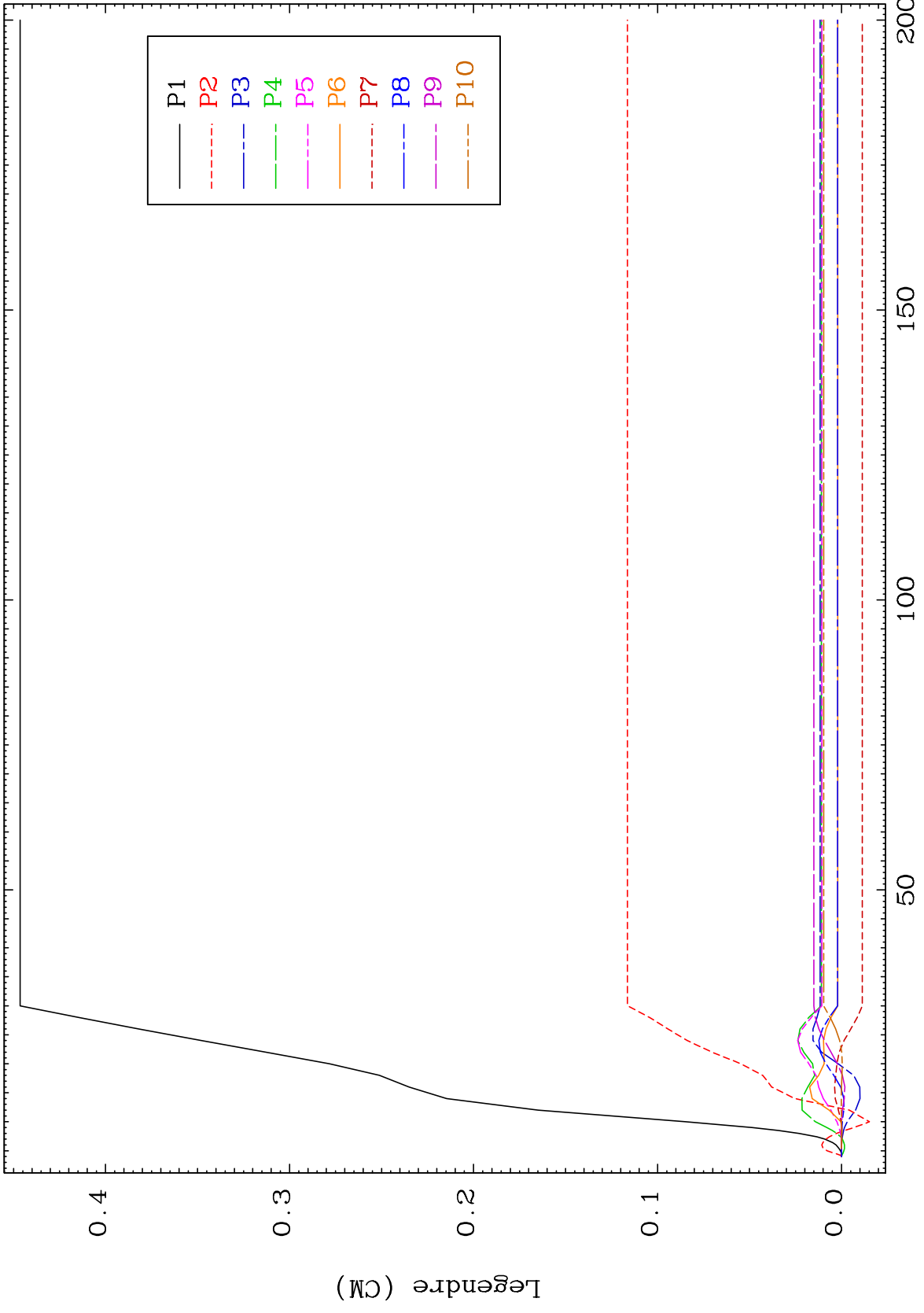


20-Ca-47

Incident Energy (MeV)

47

MAT 2046 MT= 61 (n,n') Level Legendre Coefficients 20-Ca-47

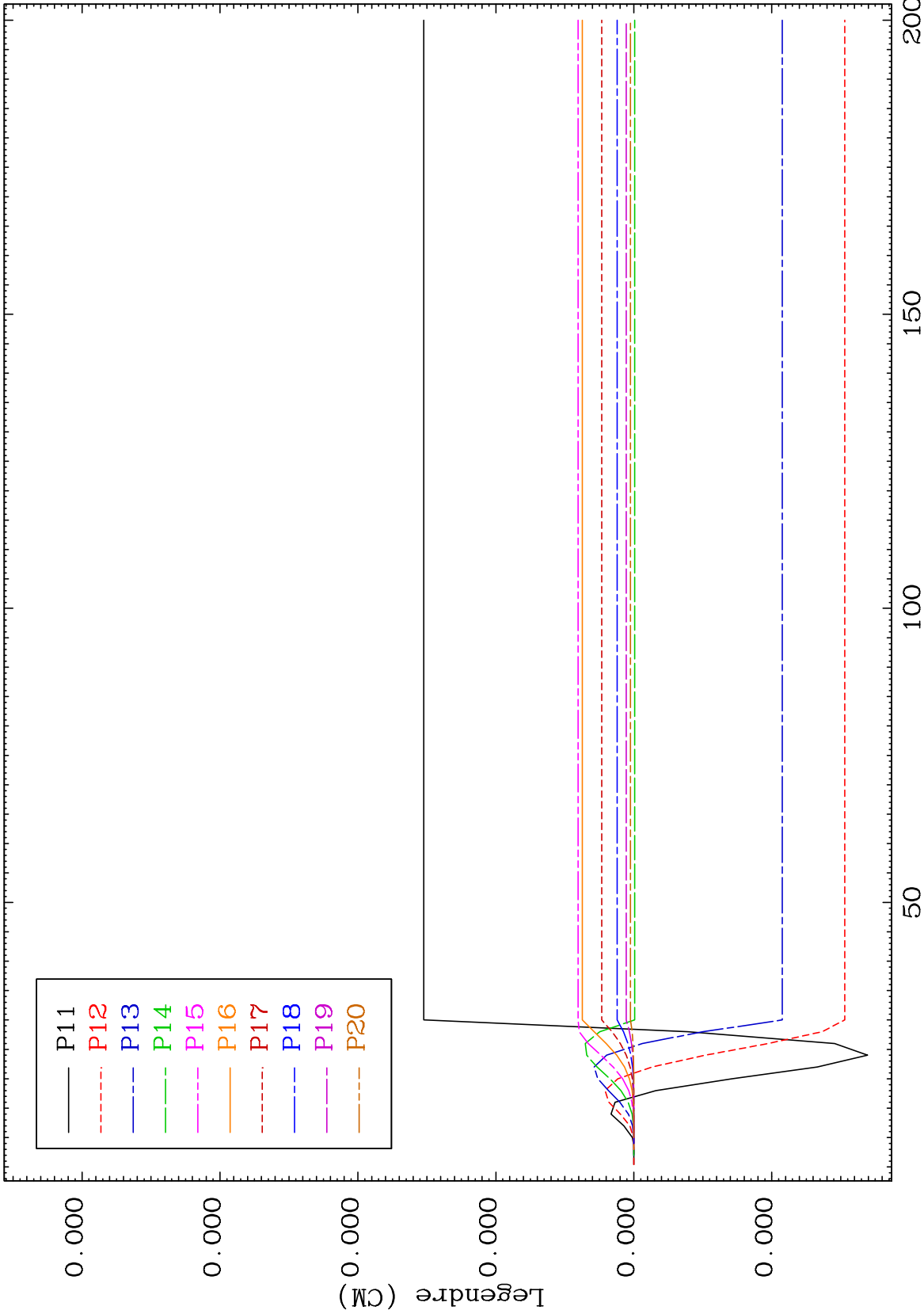


48 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

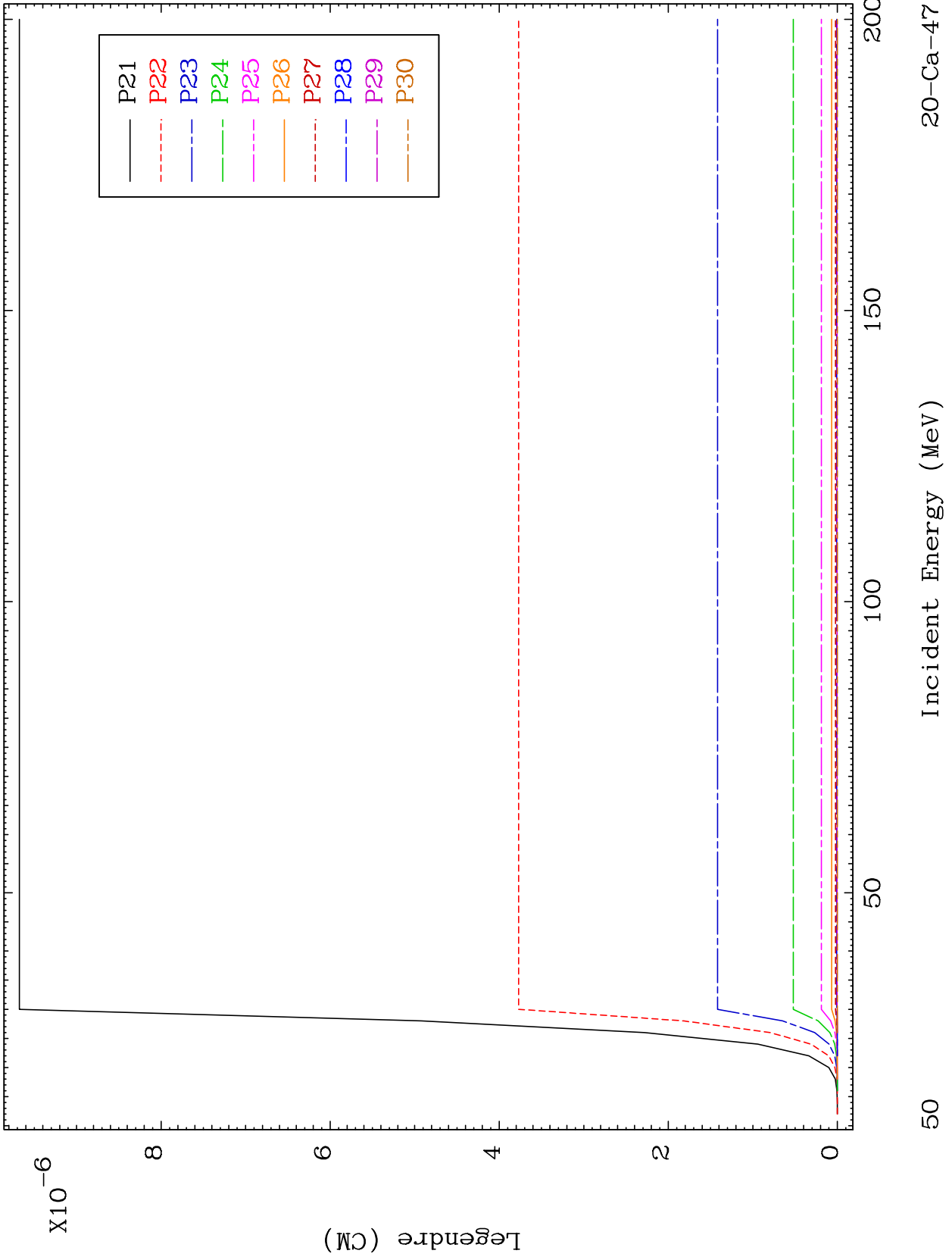
20-Ca-47



MAT 2046

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

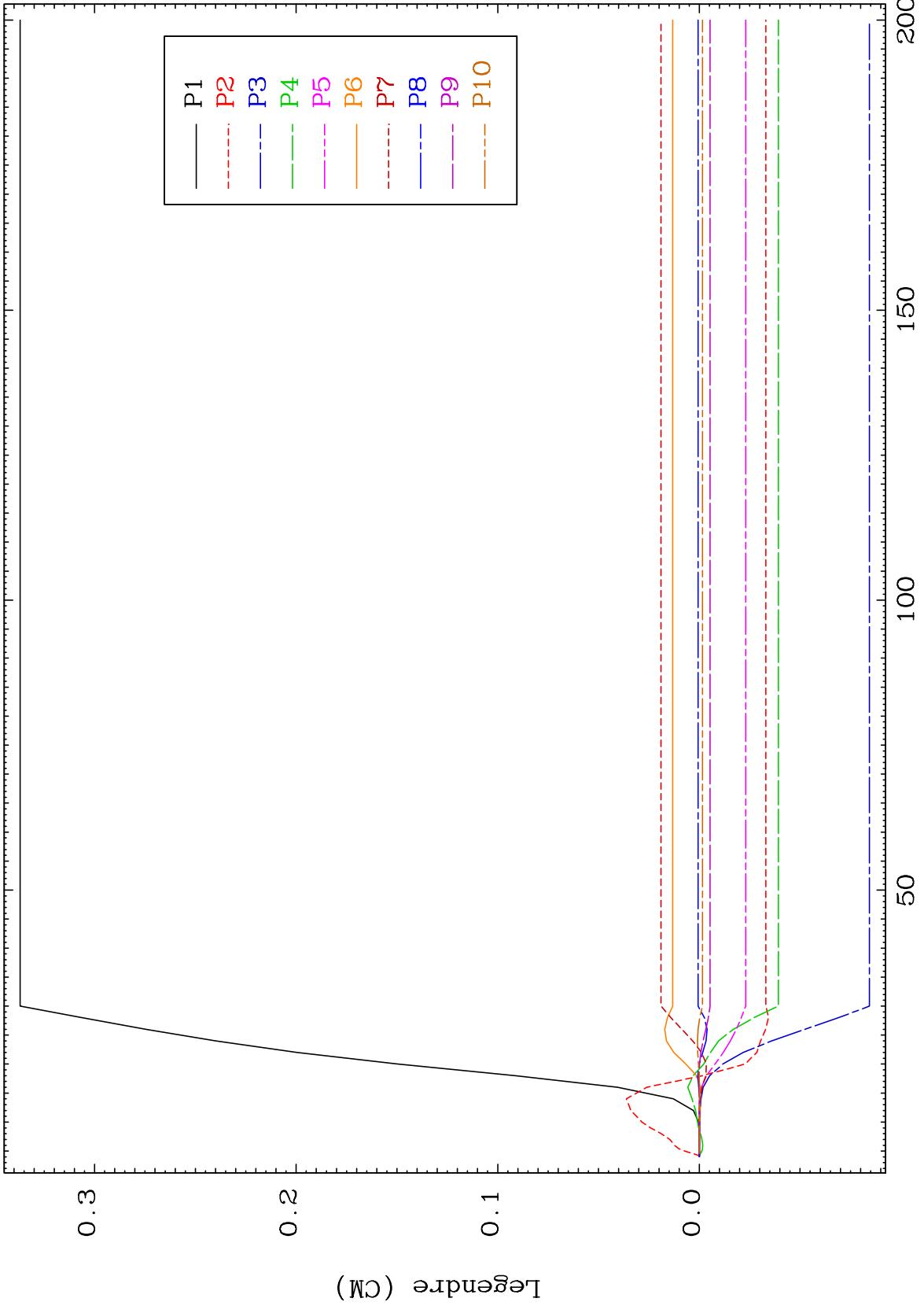
20-Ca-47



MAT 2046

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

20-Ca-47

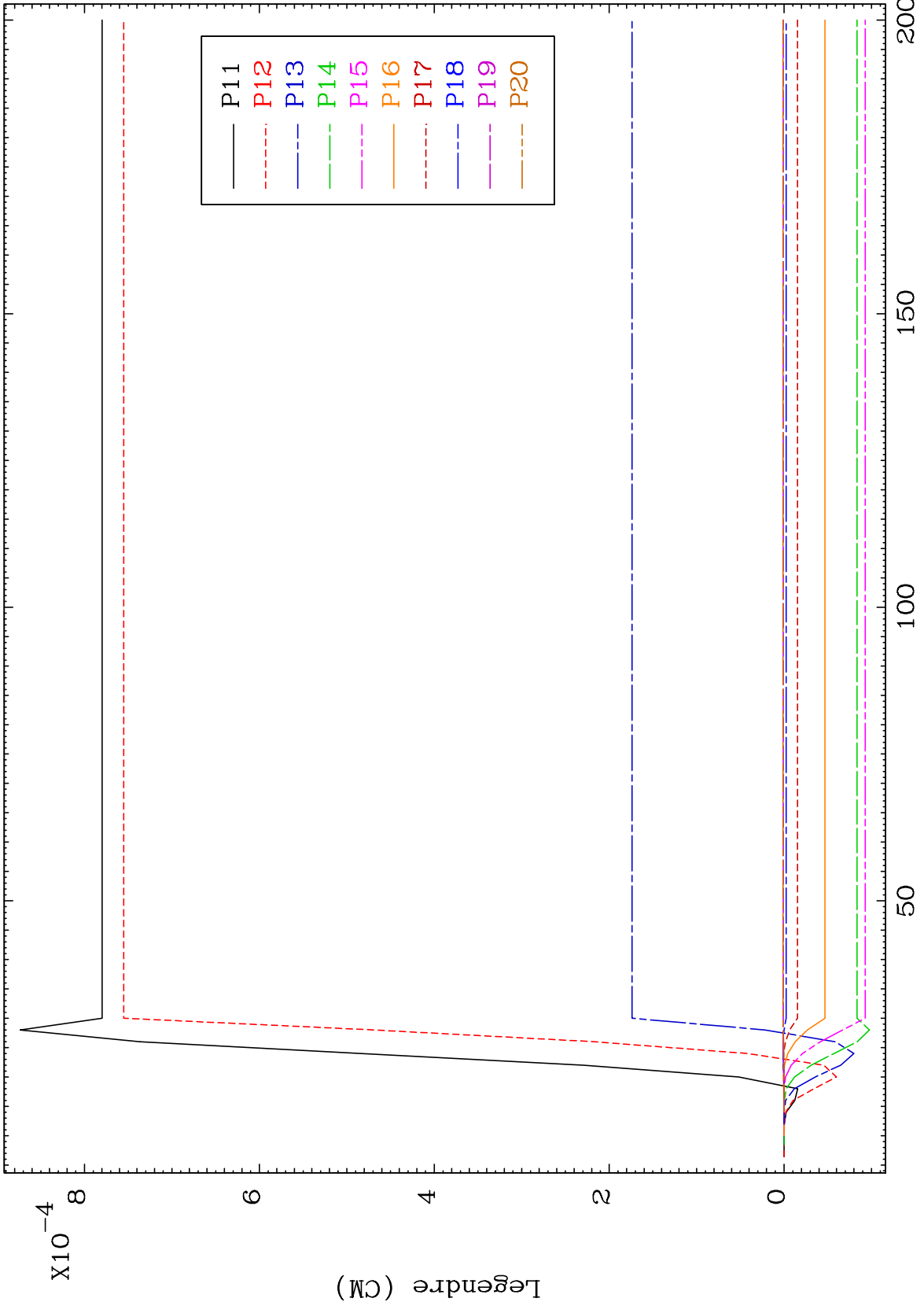


51

Incident Energy (MeV)

20-Ca-47

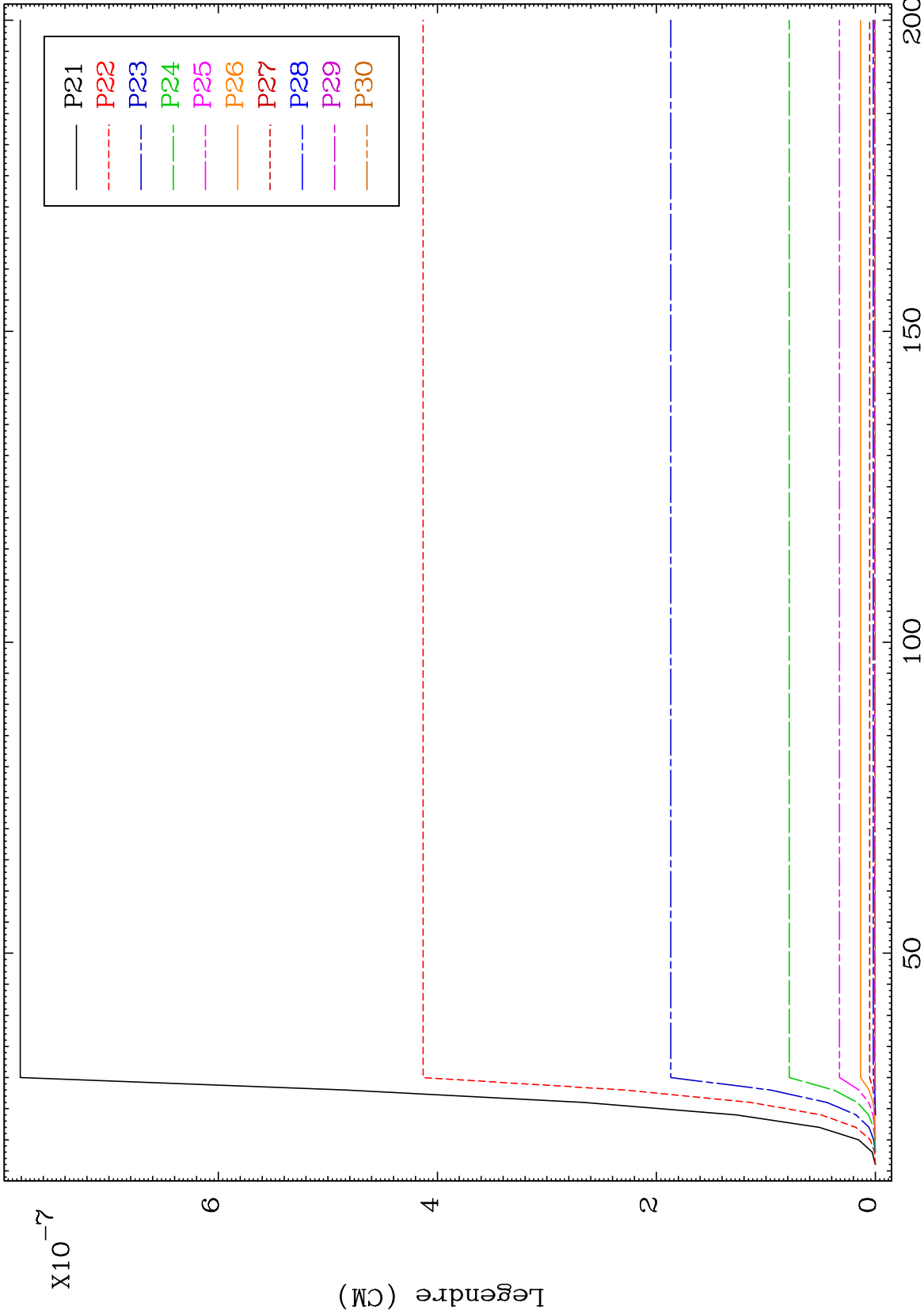
MAT 2046 MT= 62 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47

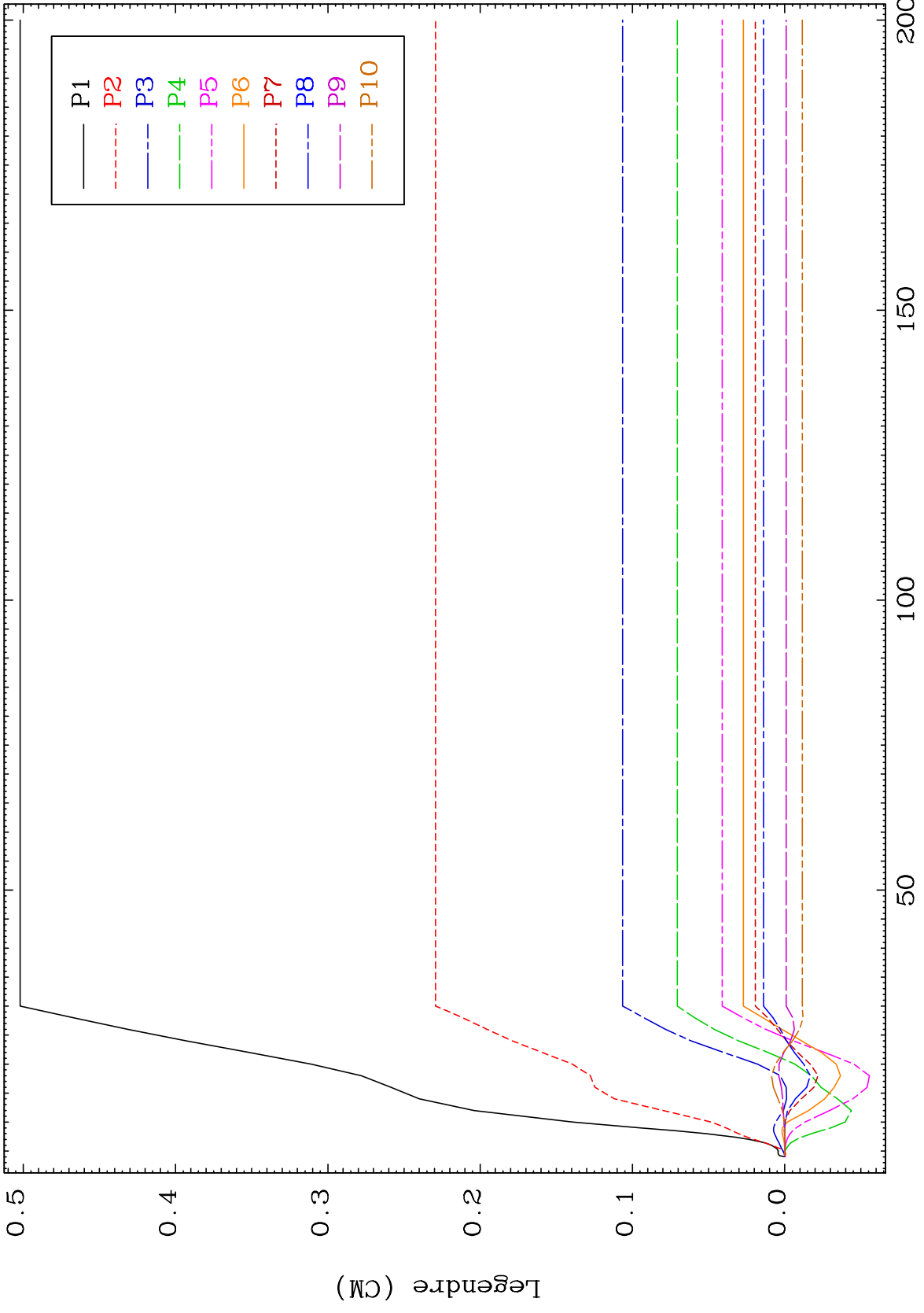


53

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 63 (n,n') Level Legendre Coefficients 20-Ca-47

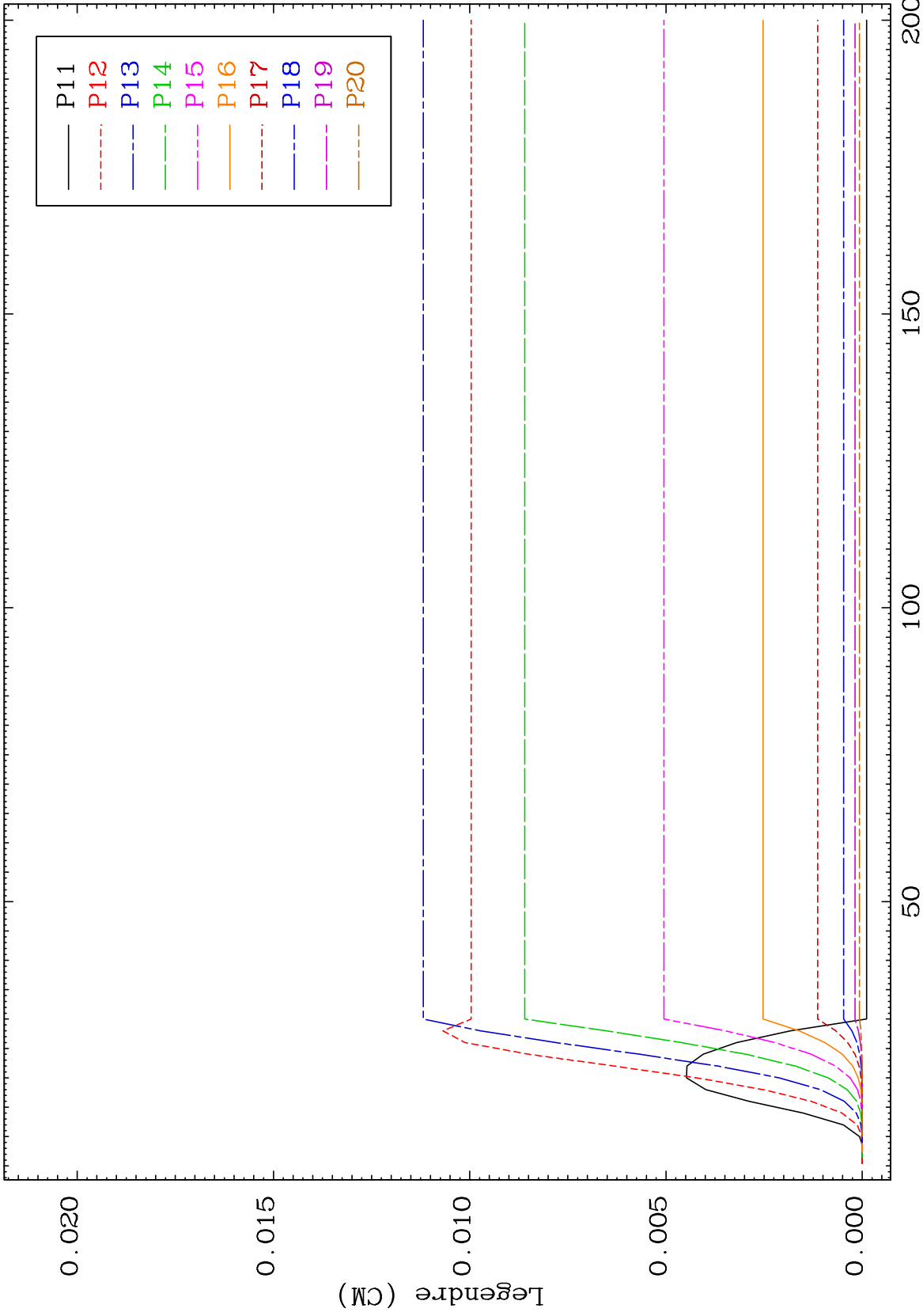


54 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



55

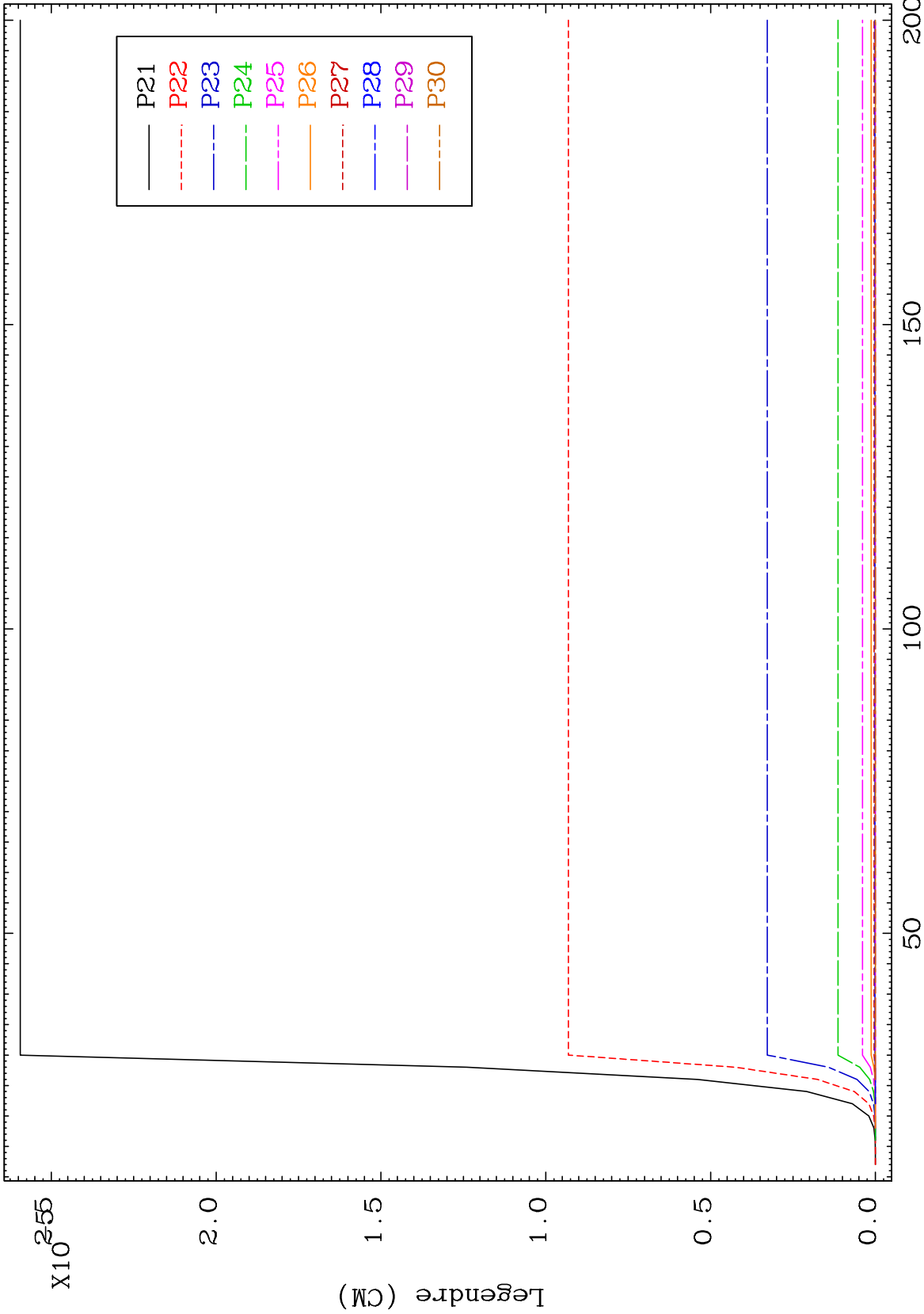
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

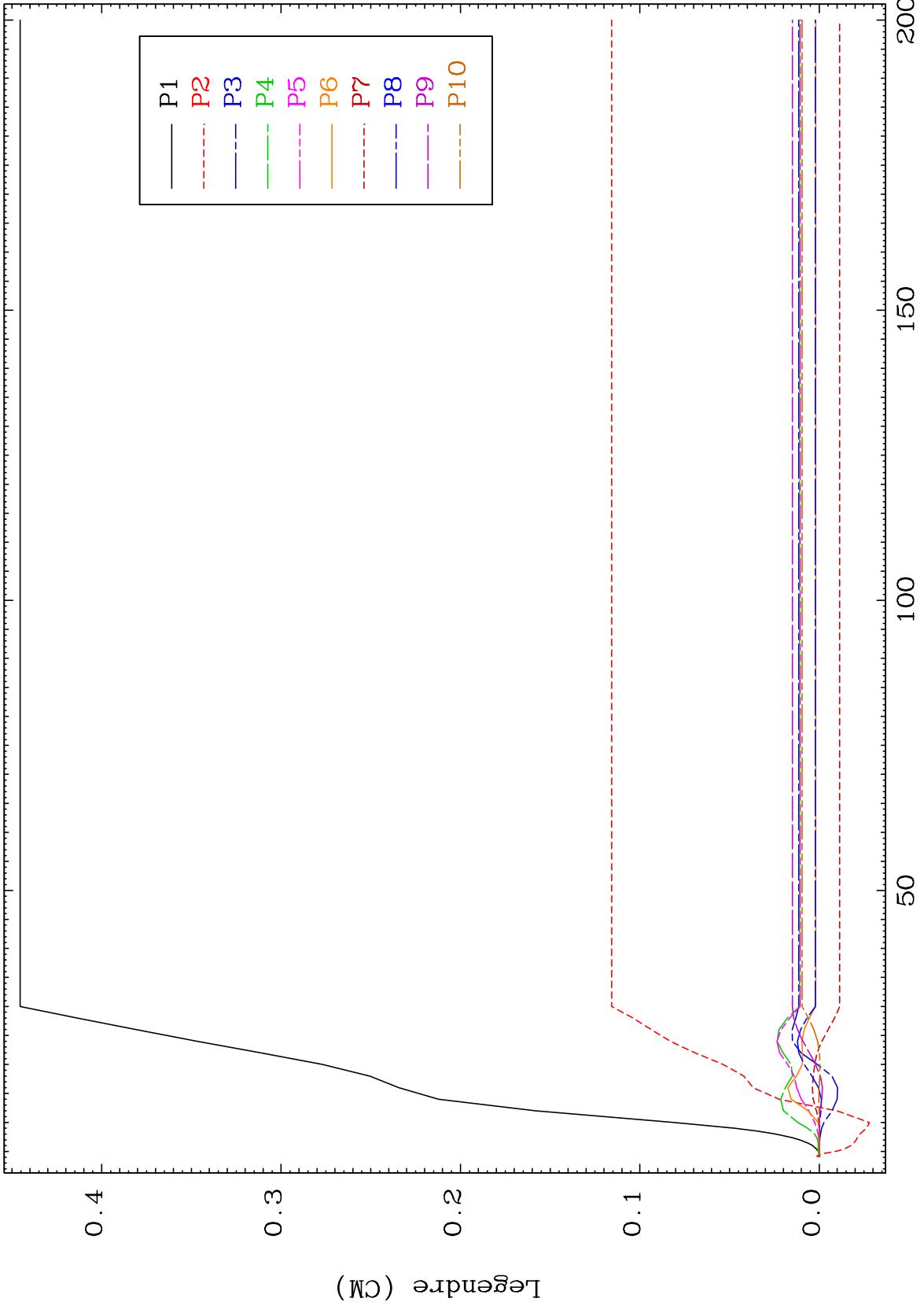


56

Incident Energy (MeV)

20-Ca-47

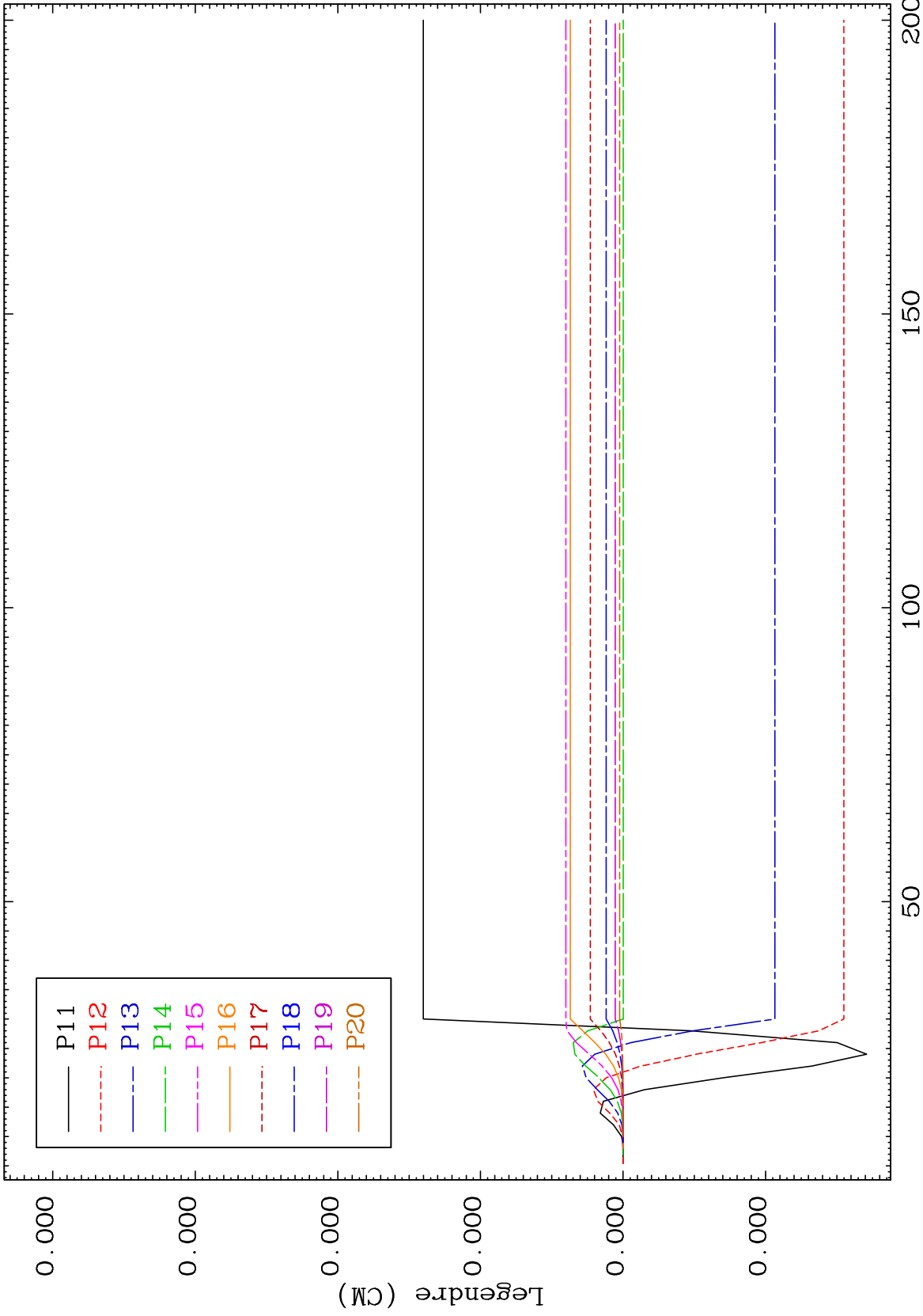
MAT 2046 MT= 64 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47



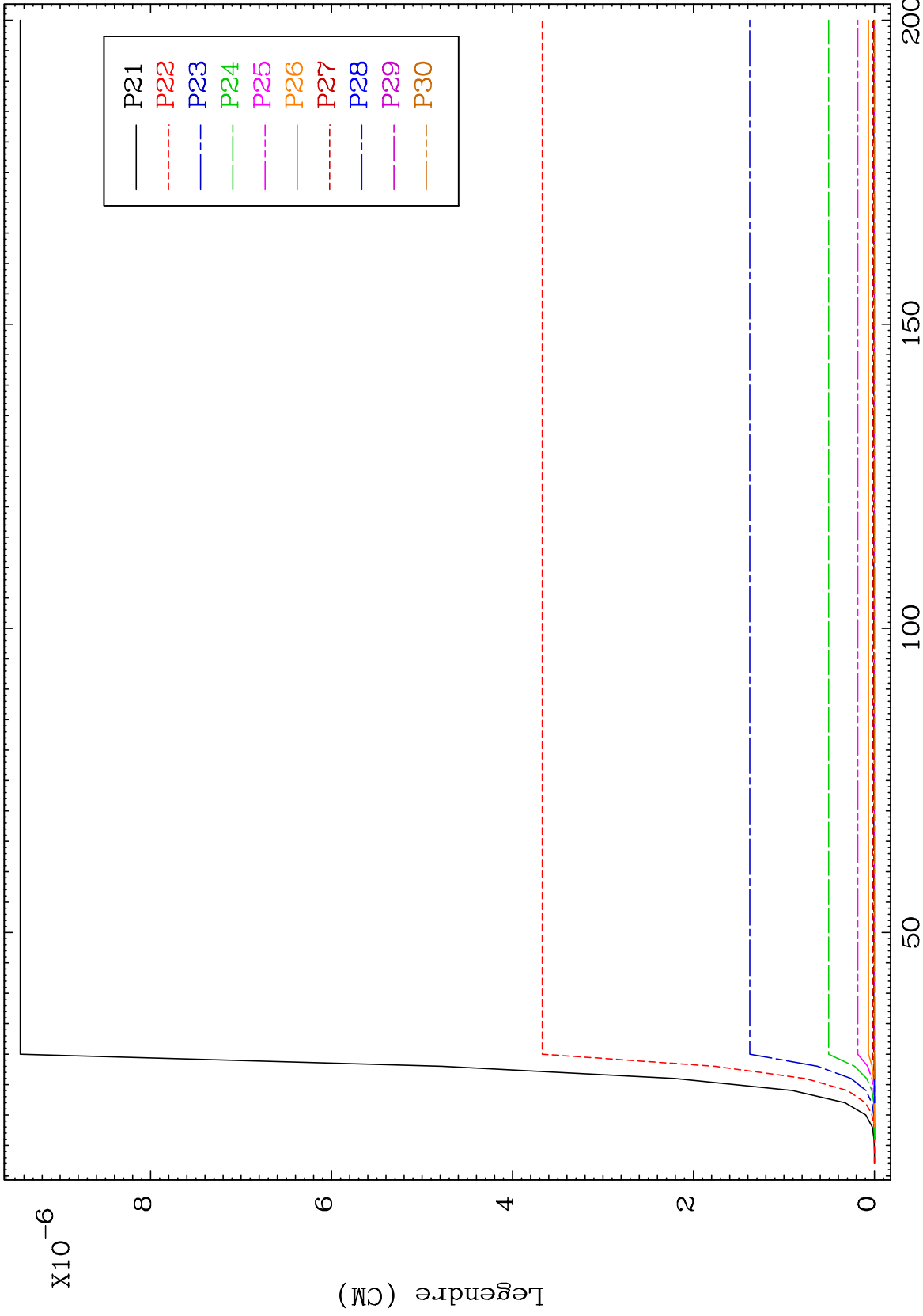
58

20-Ca-47

MAT 2046

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

20-Ca-47

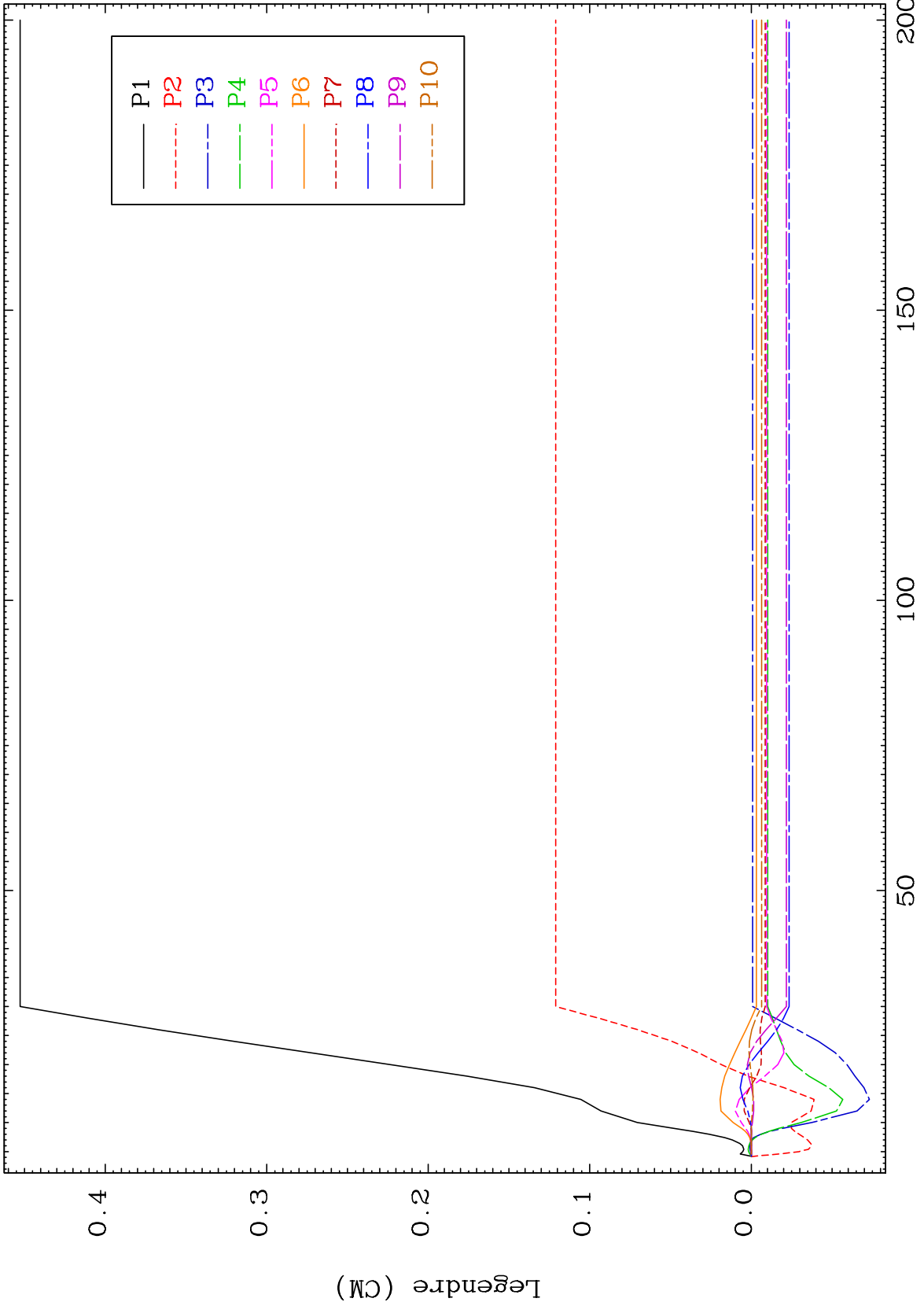


59

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 65 (n,n') Level Legendre Coefficients 20-Ca-47

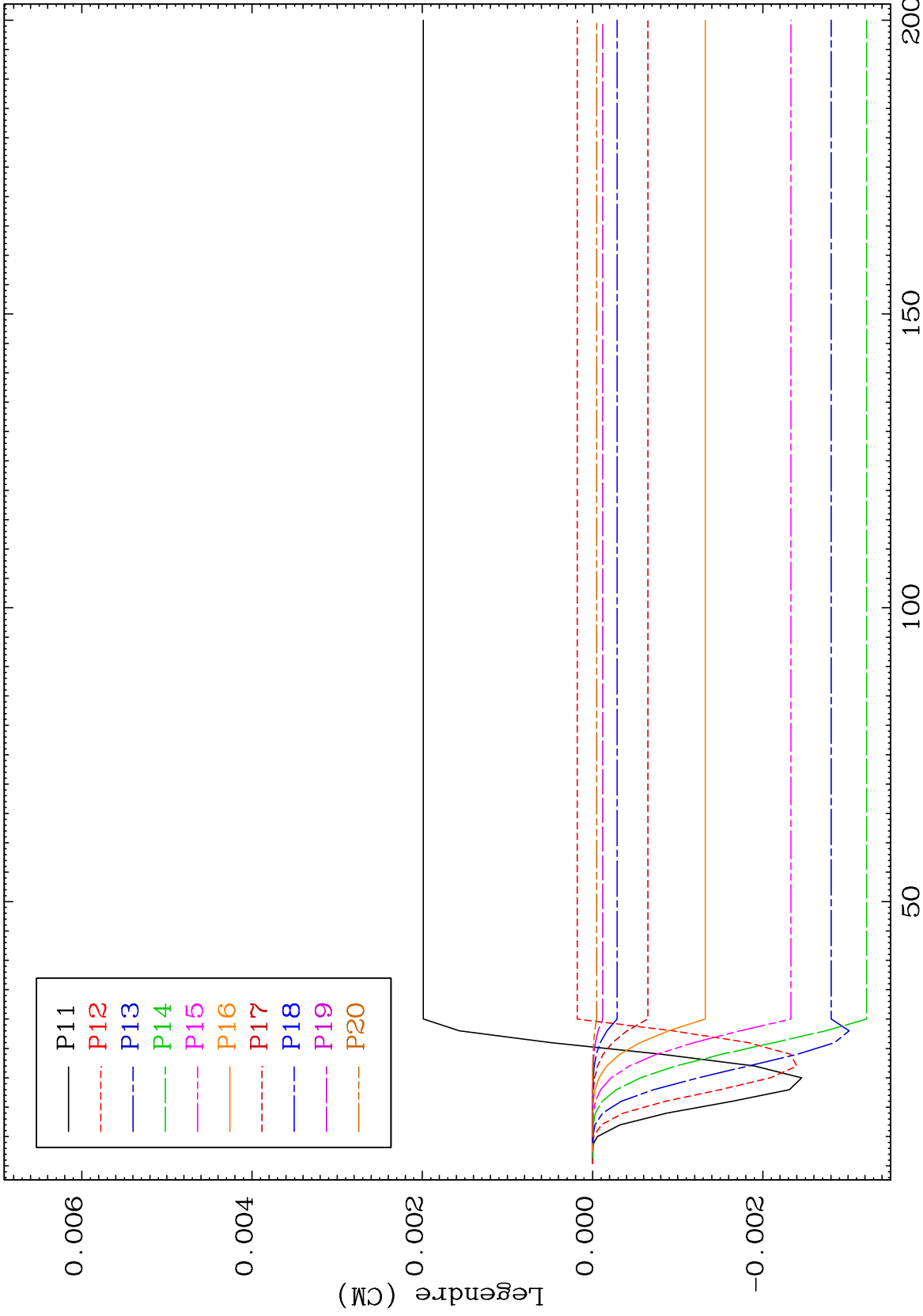


60 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47

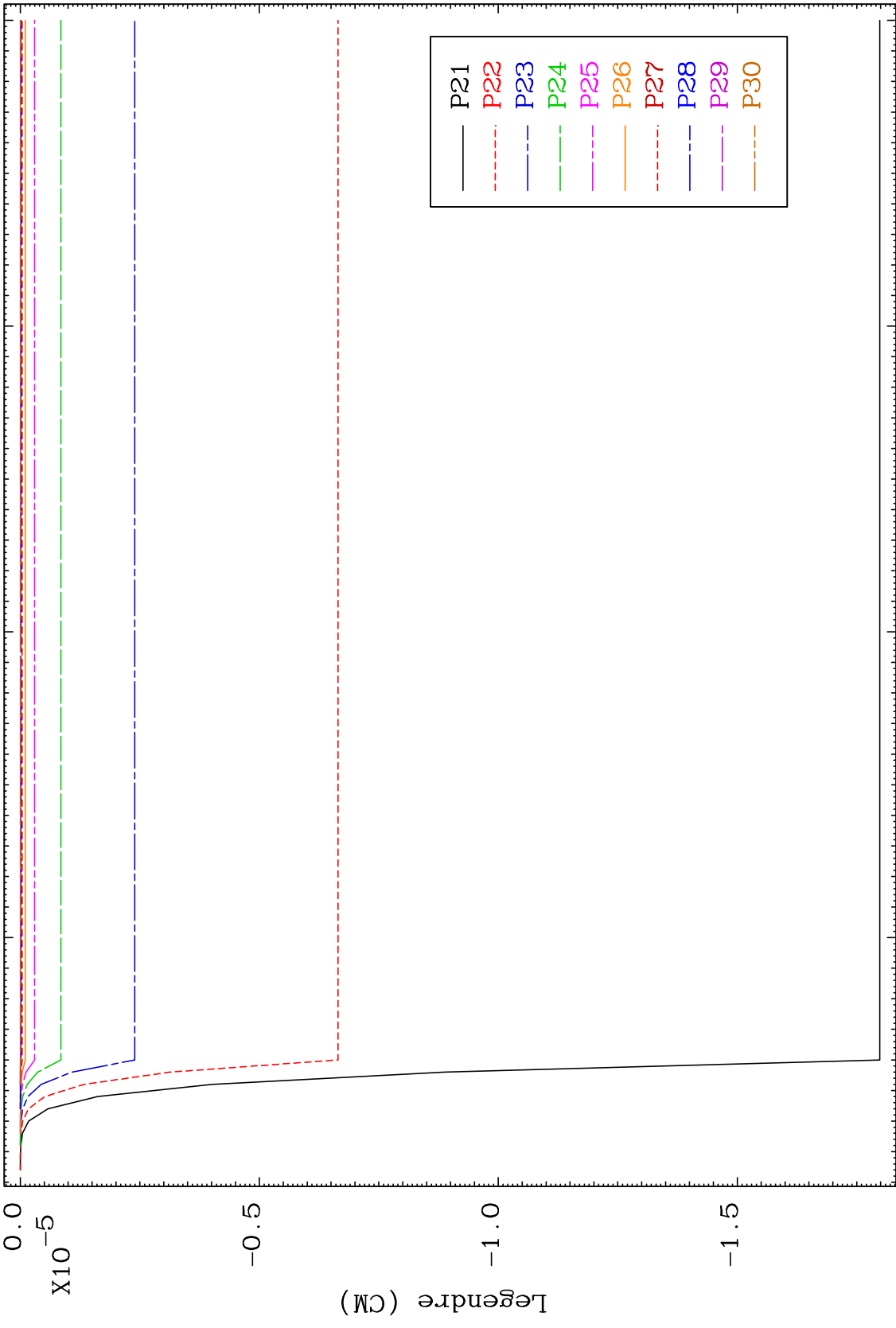


61

Incident Energy (MeV)

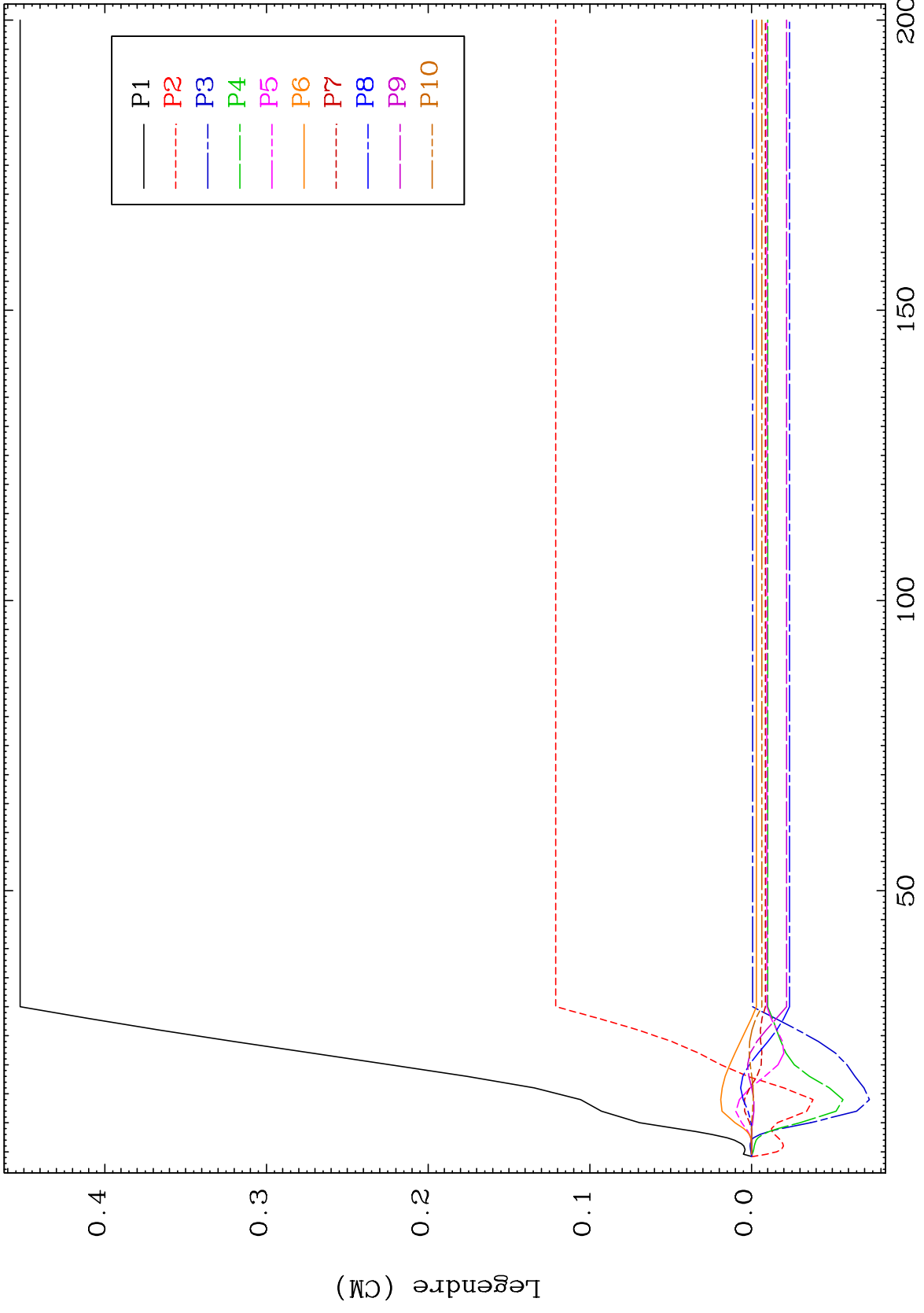
20-Ca-47

MAT 2046 MT= 65 (n,n') Level Legendre Coefficients 20-Ca-47



62 Incident Energy (MeV) 20-Ca-47

MAT 2046 MT= 66 (n,n') Level Legendre Coefficients 20-Ca-47

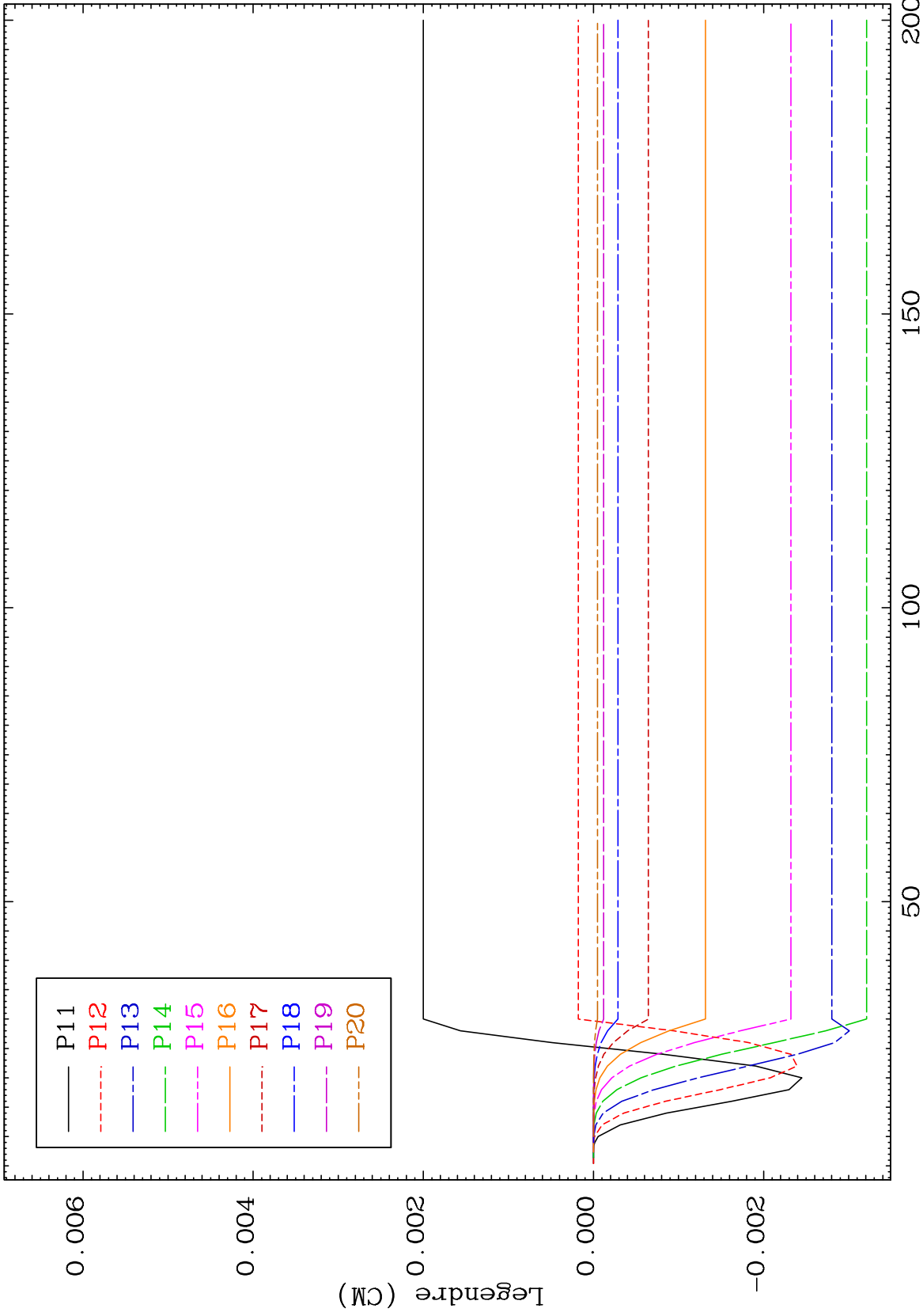


63 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



64

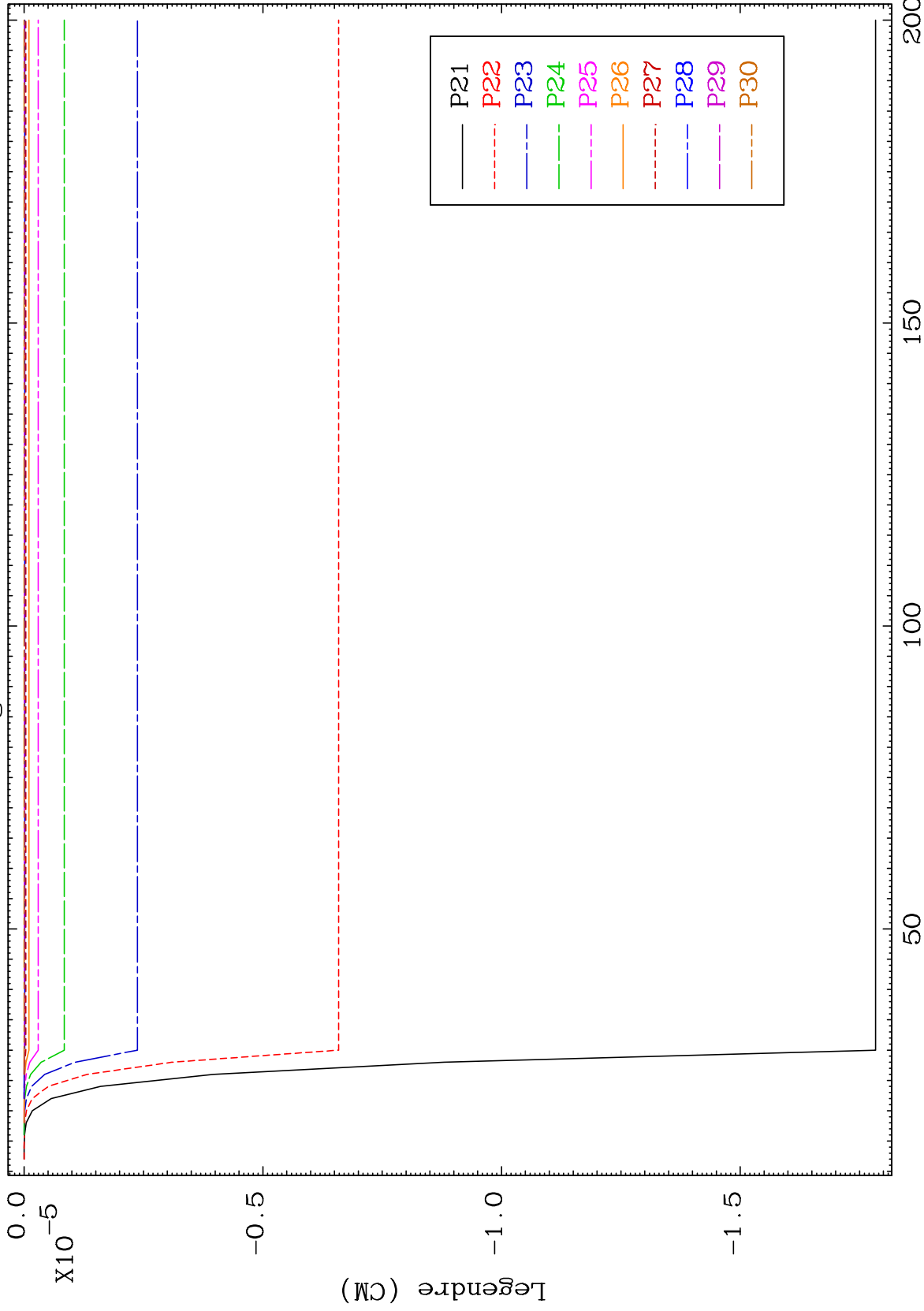
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

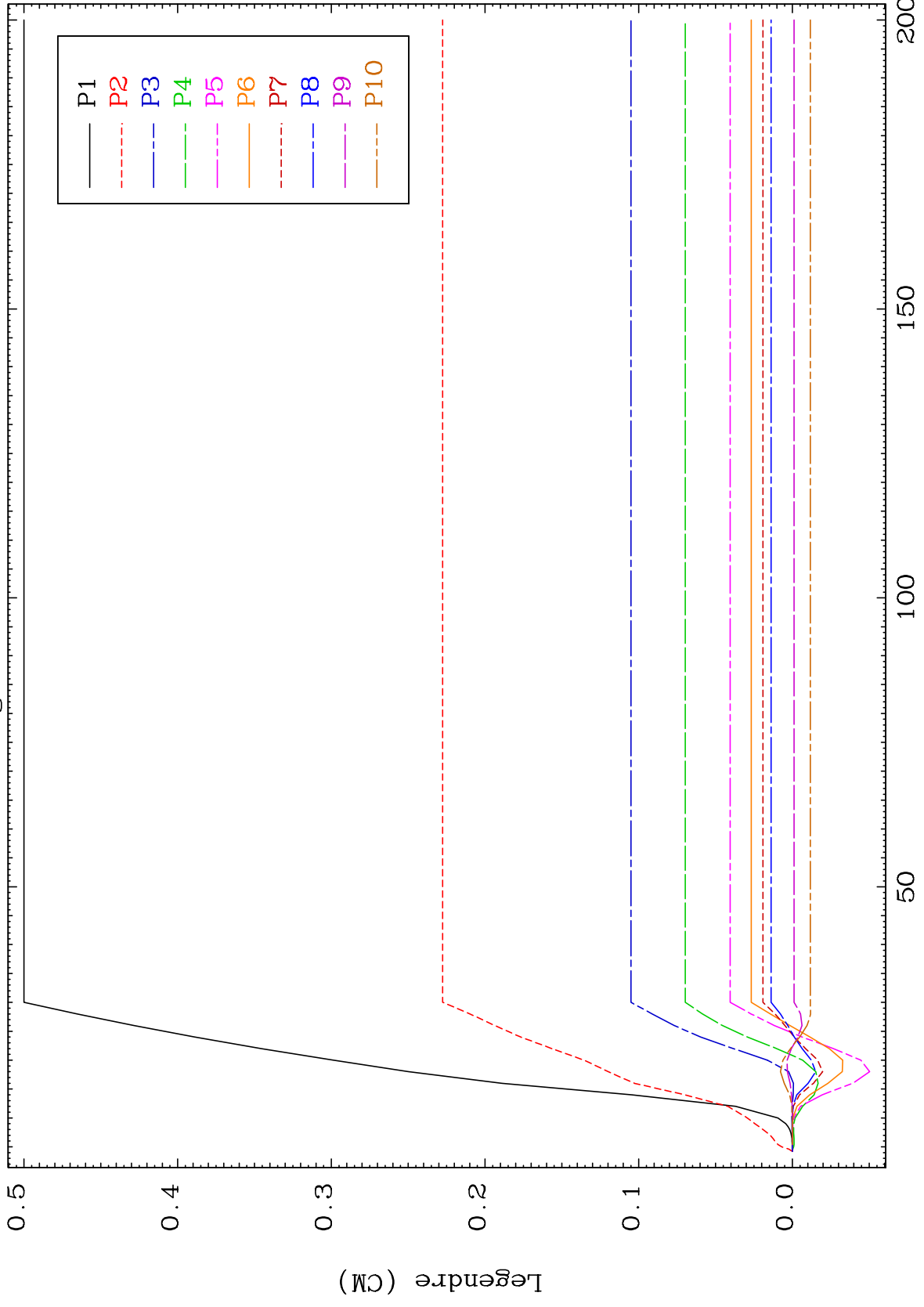


65

20-Ca-47

200

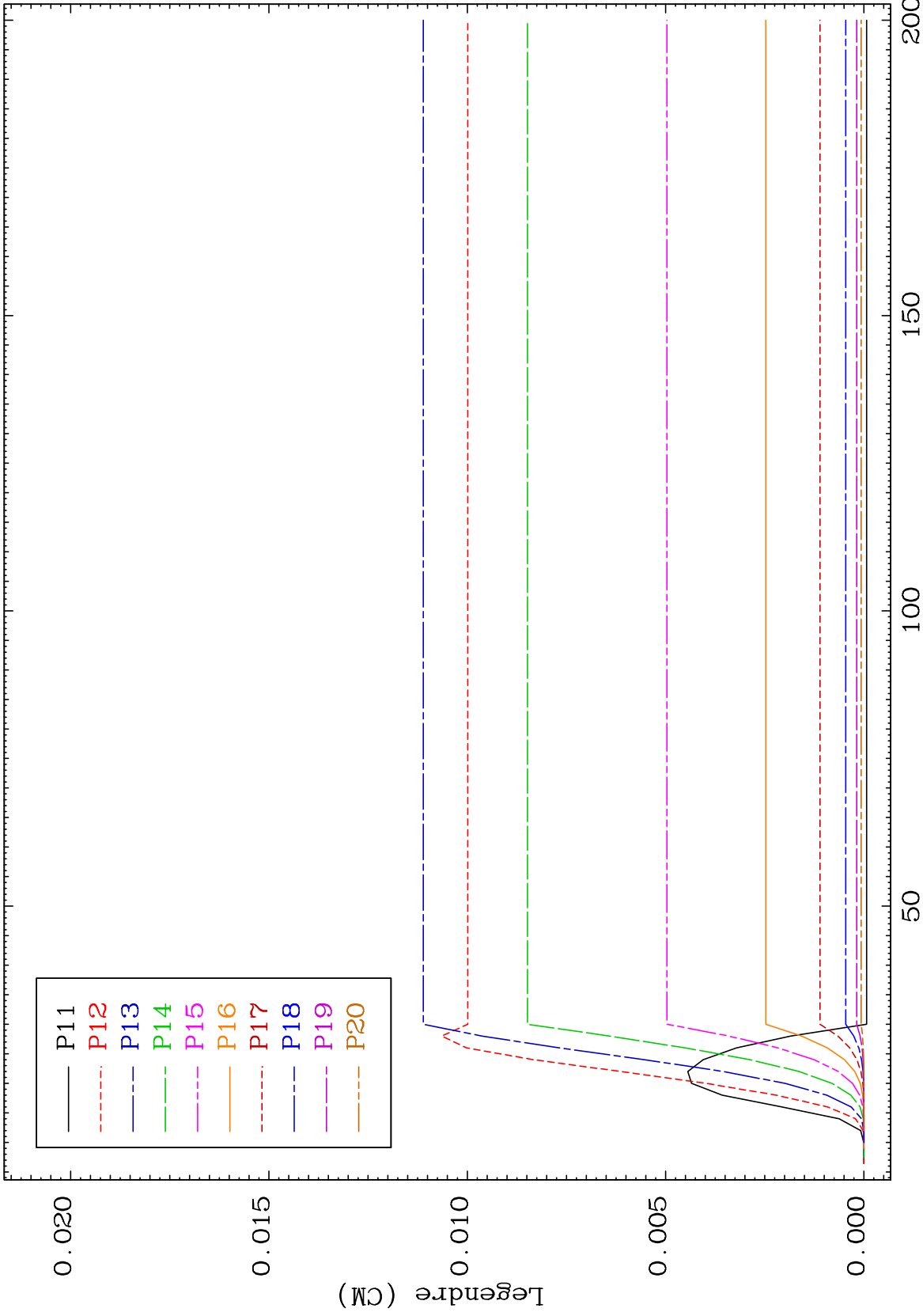
MAT 2046 MT= 67 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47



67

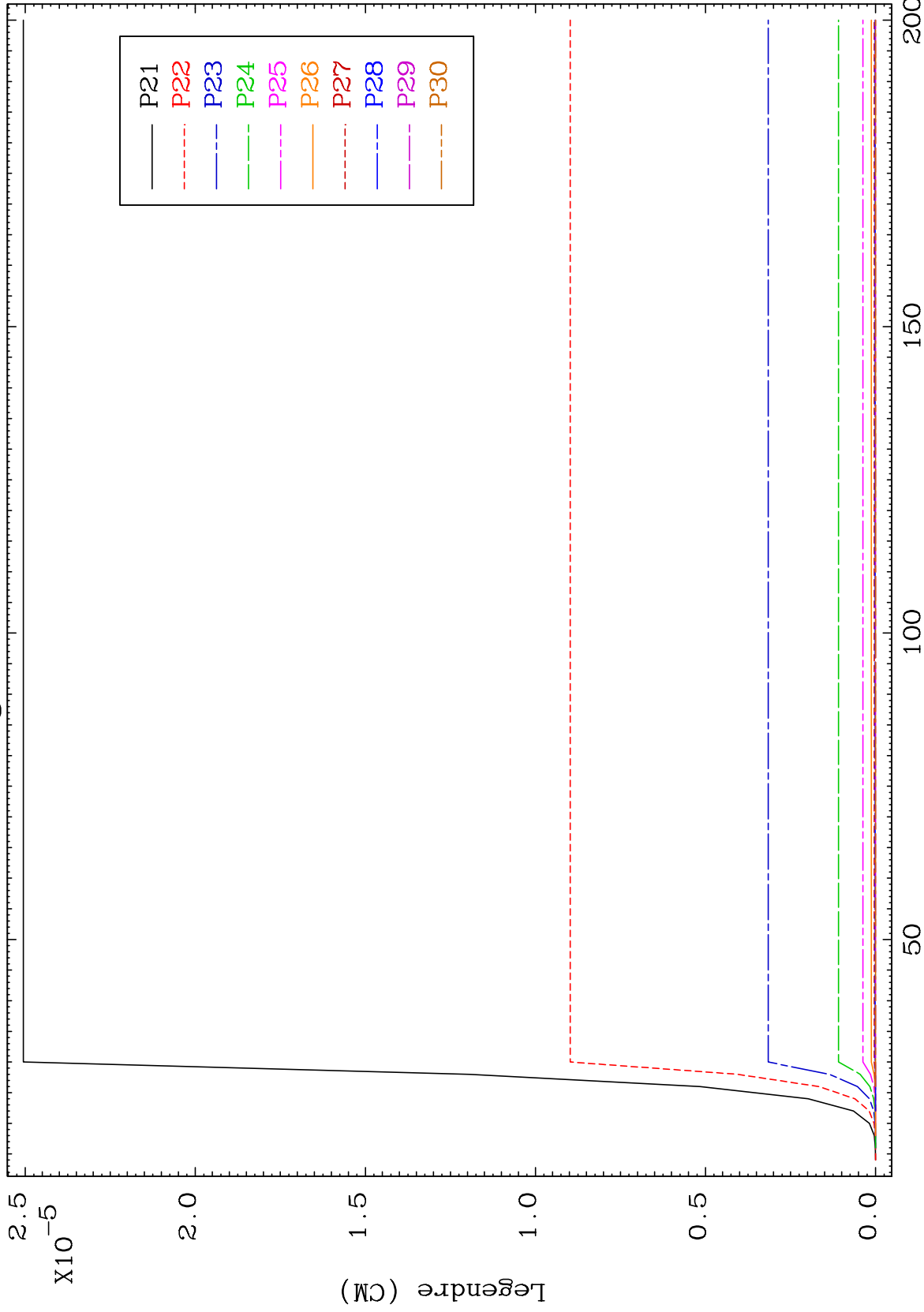
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

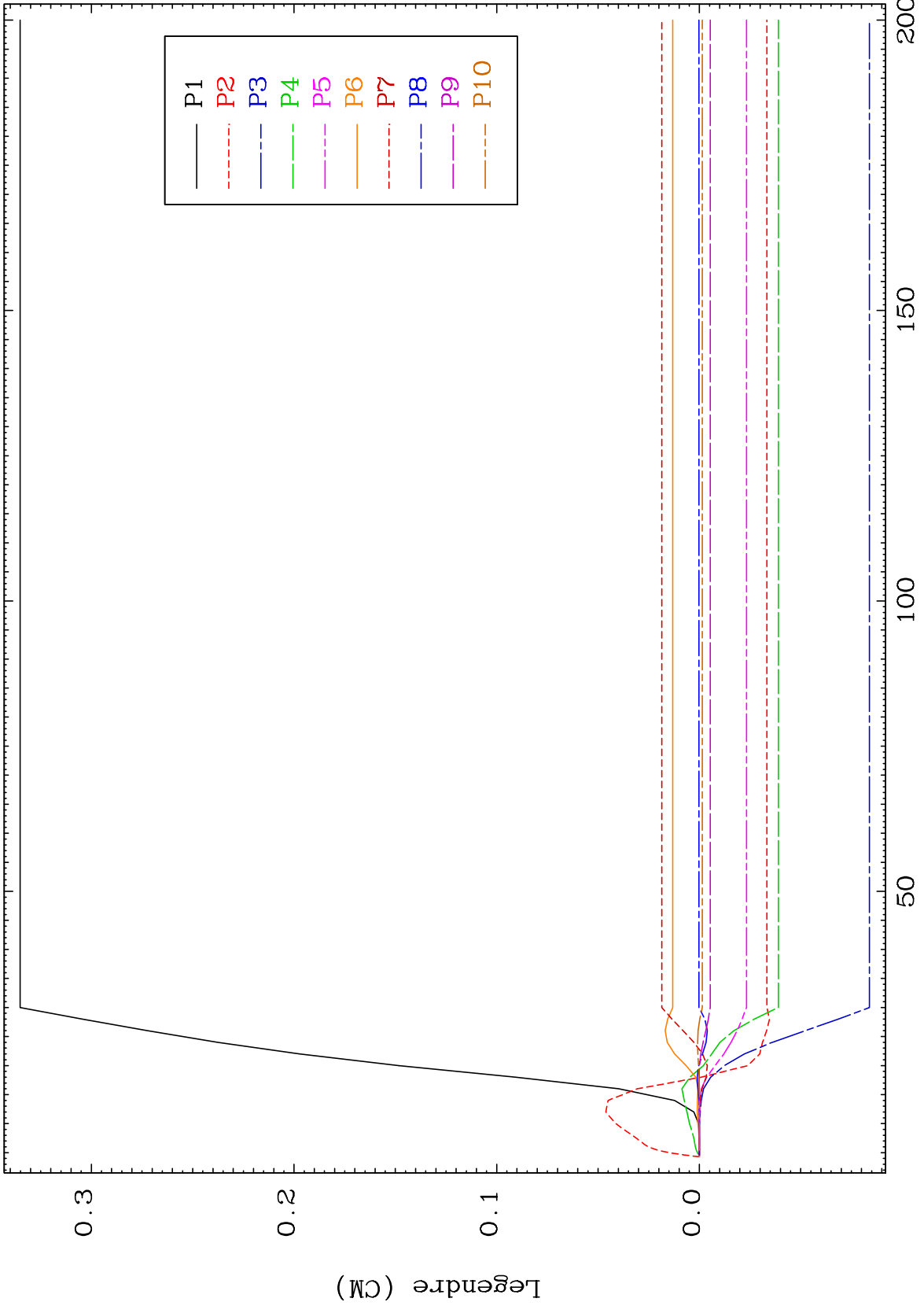
20-Ca-47



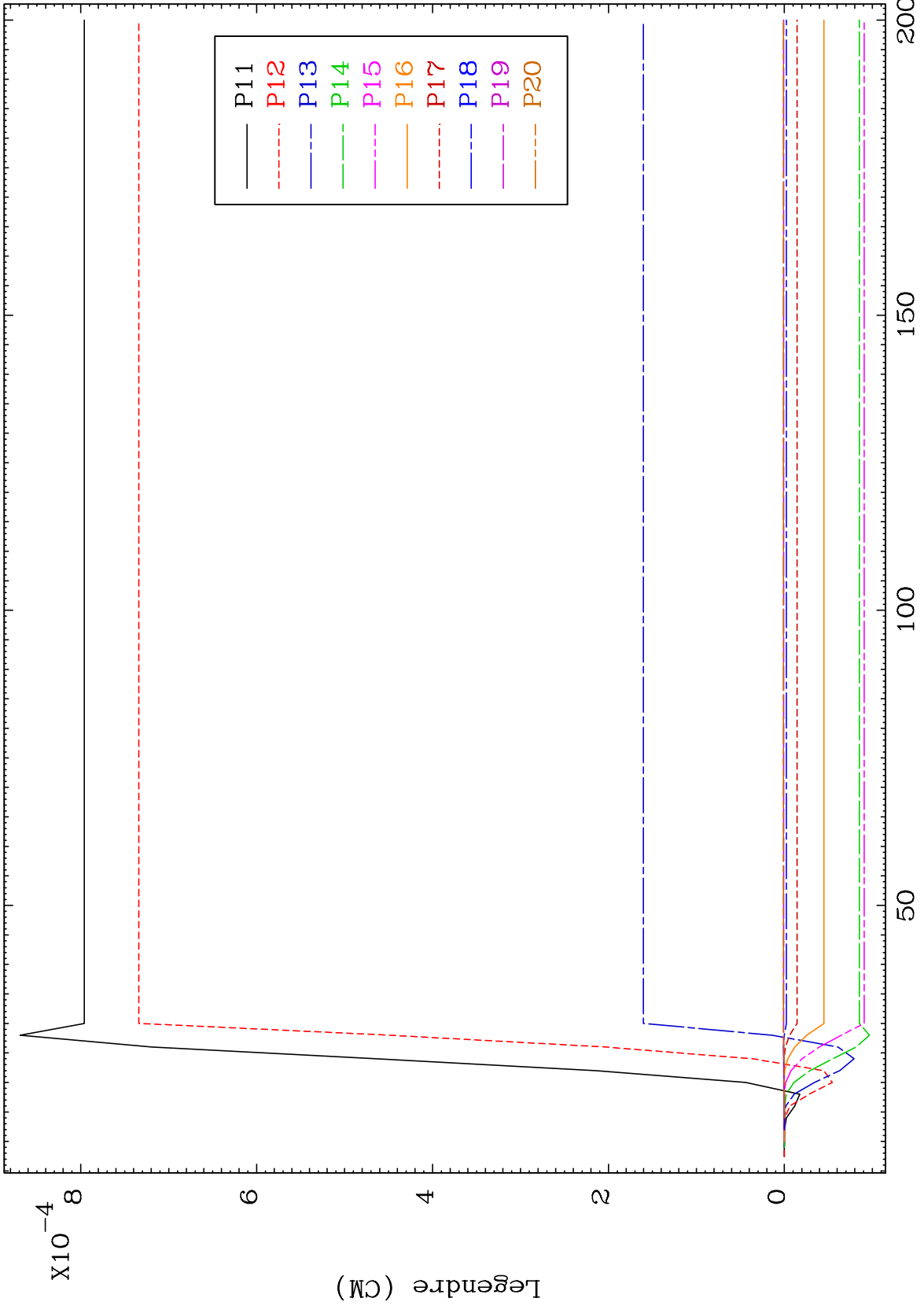
68

Incident Energy (MeV)

20-Ca-47



MAT 2046 MT= 68 (n,n') Level Legendre Coefficients 20-Ca-47

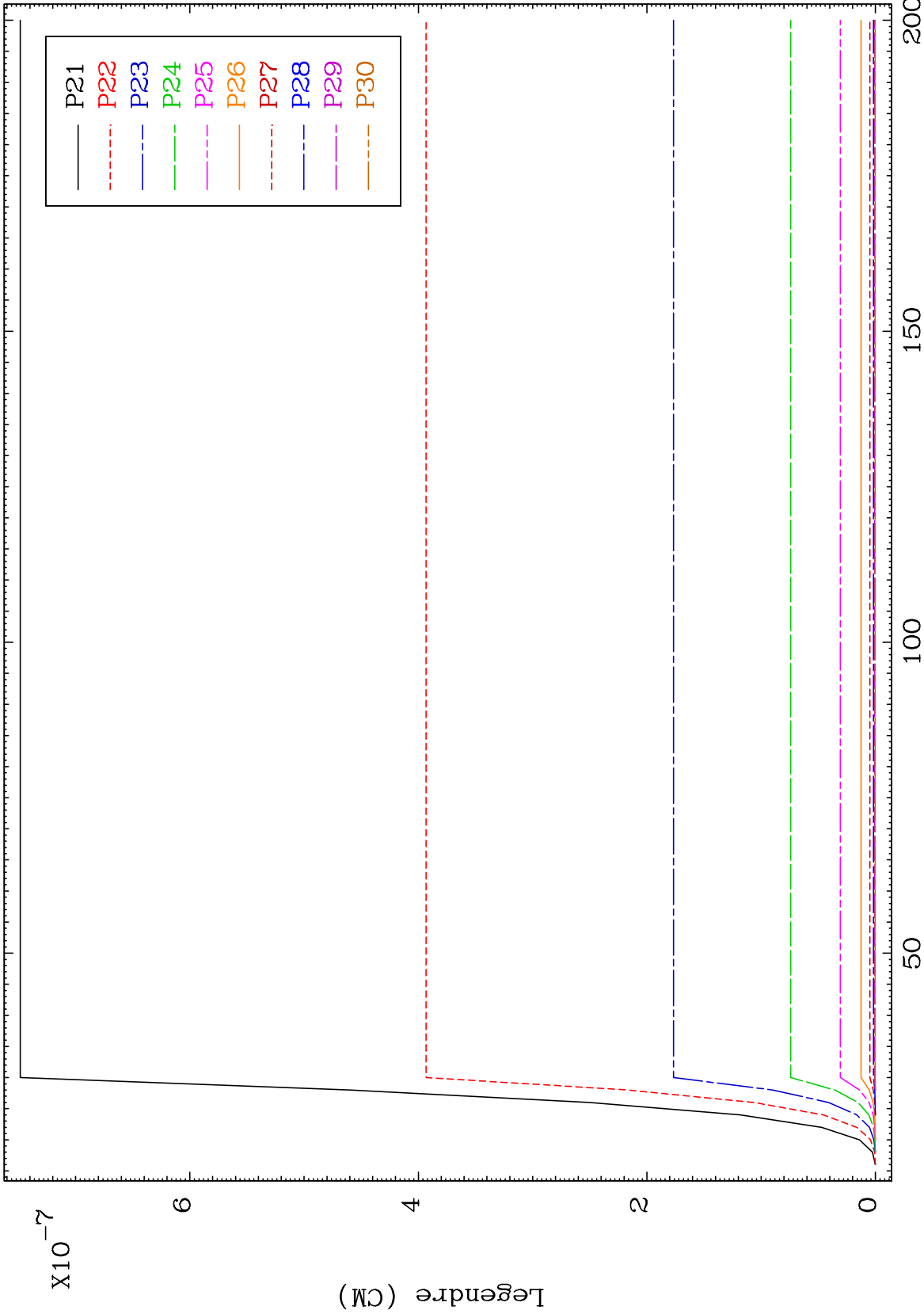


70 50 100 150 200 20-Ca-47

MAT 2046

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

20-Ca-47

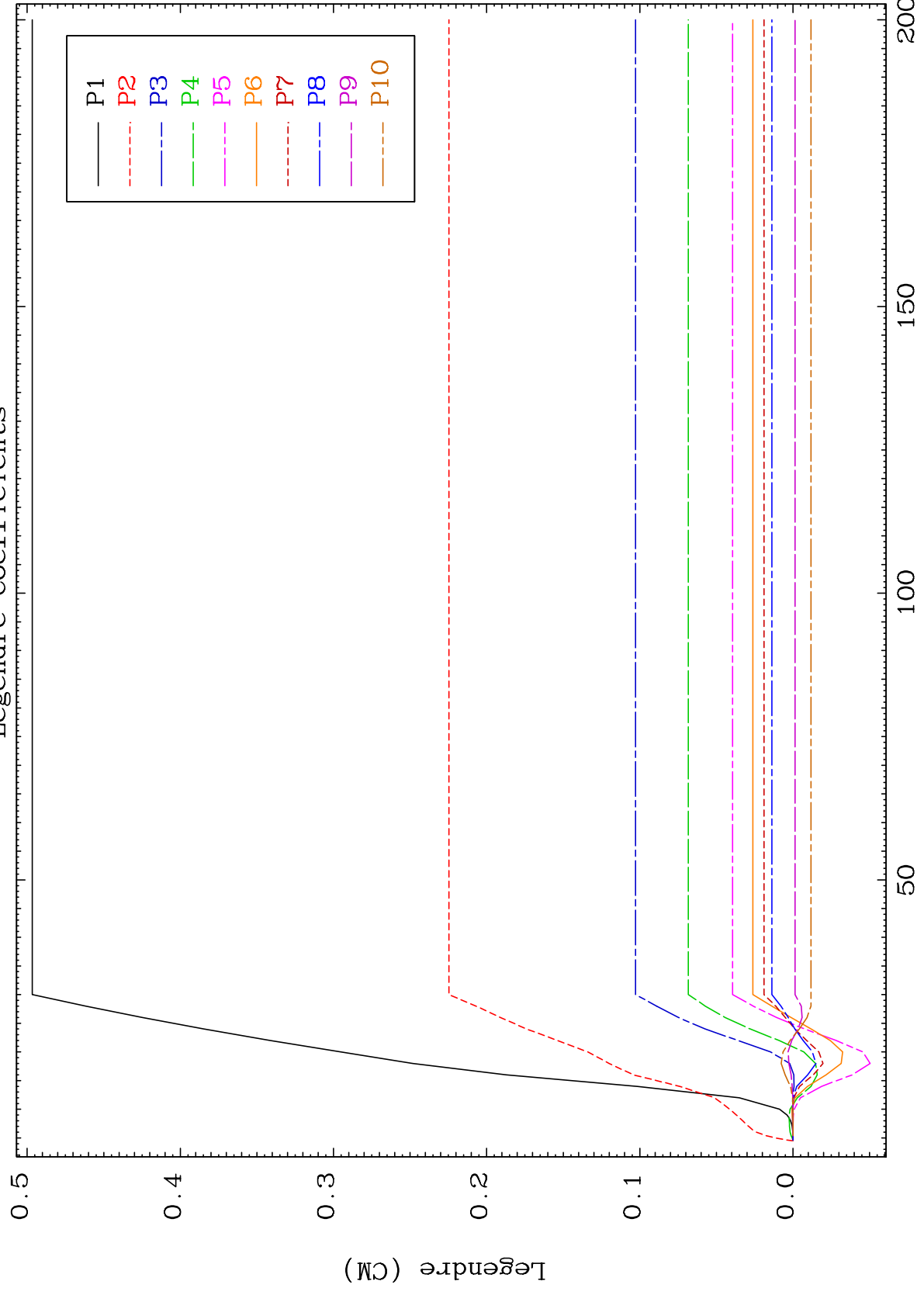


71

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 69 (n,n') Level Legendre Coefficients 20-Ca-47

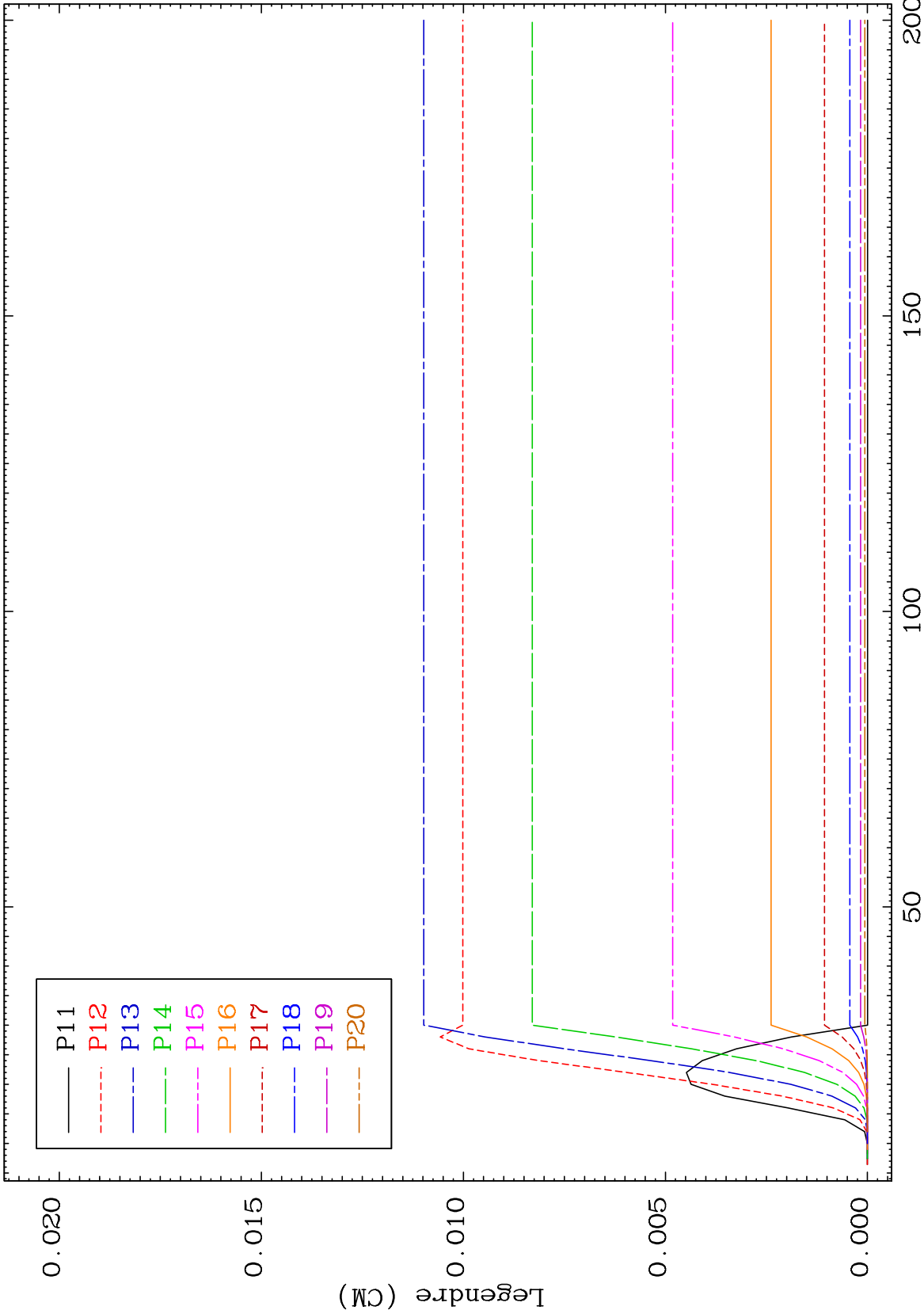


72 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



73

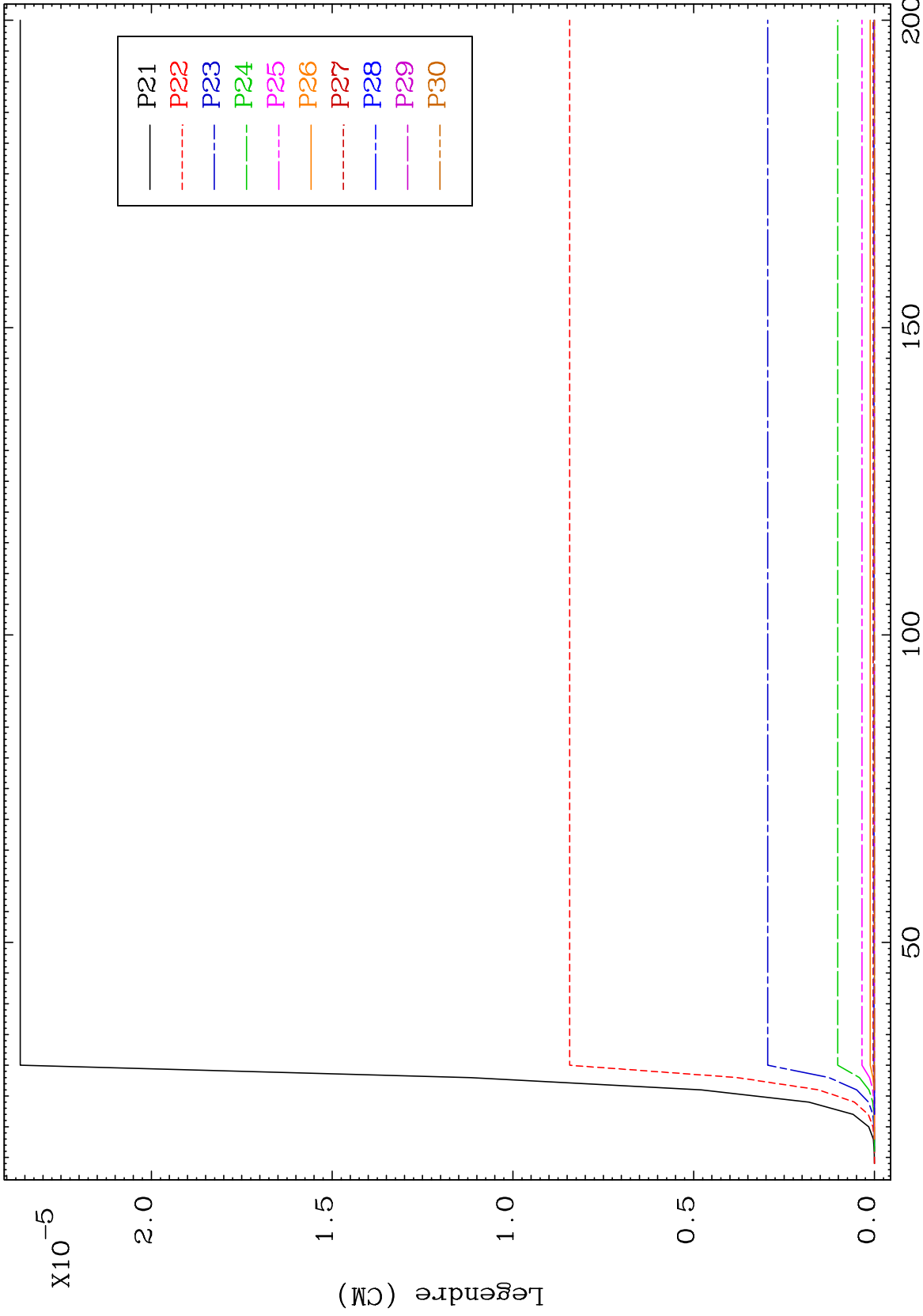
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



74

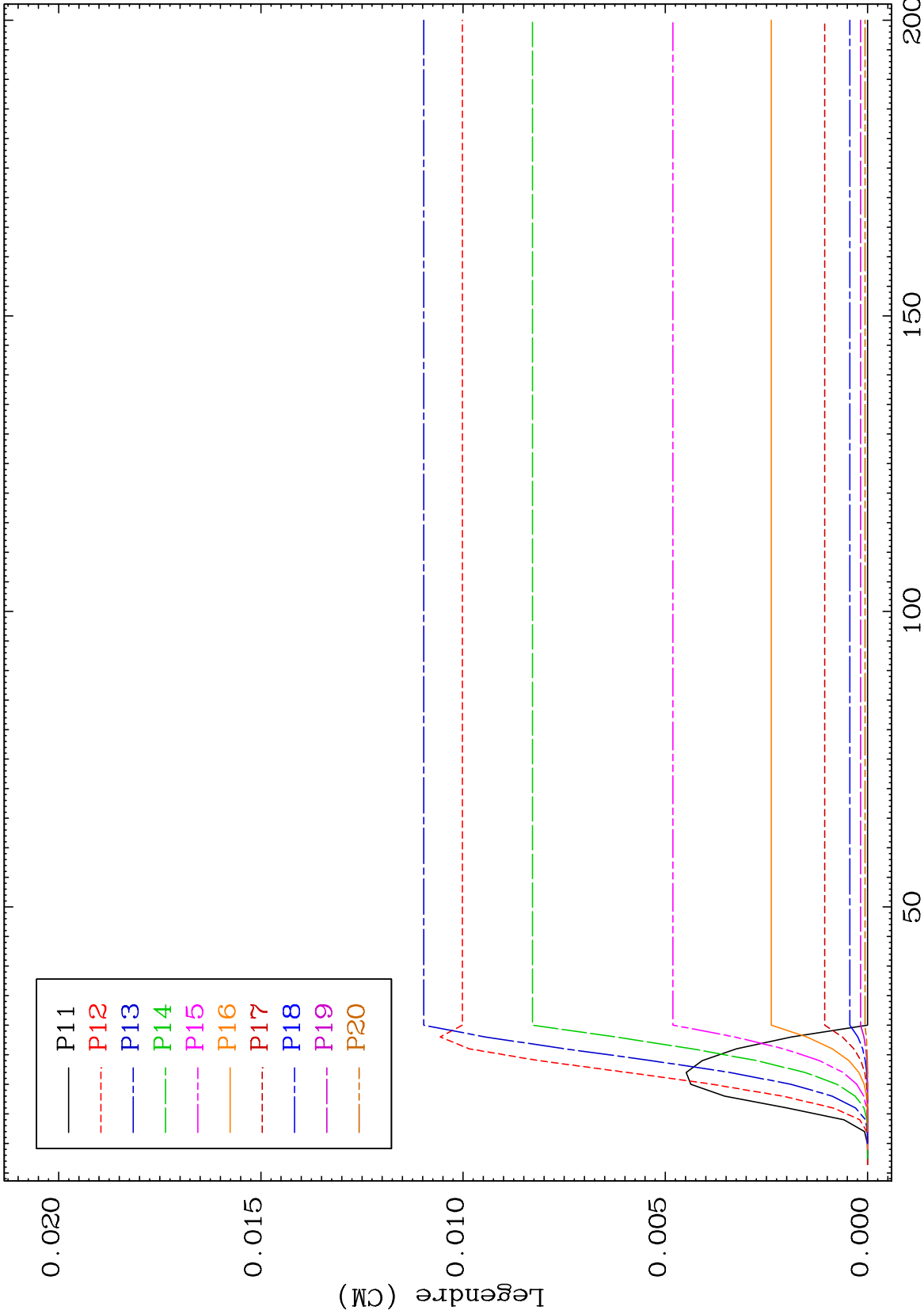
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



76

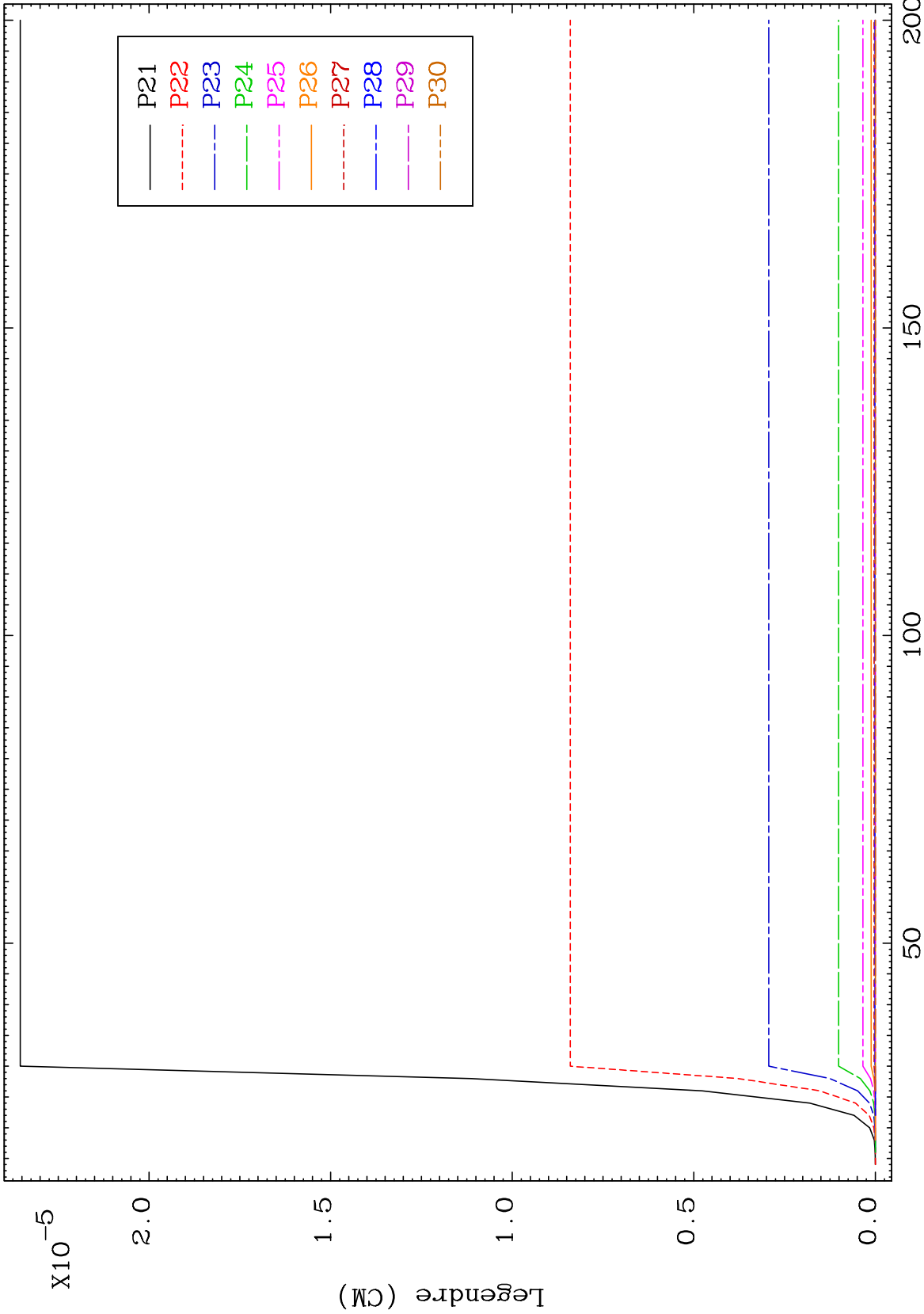
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

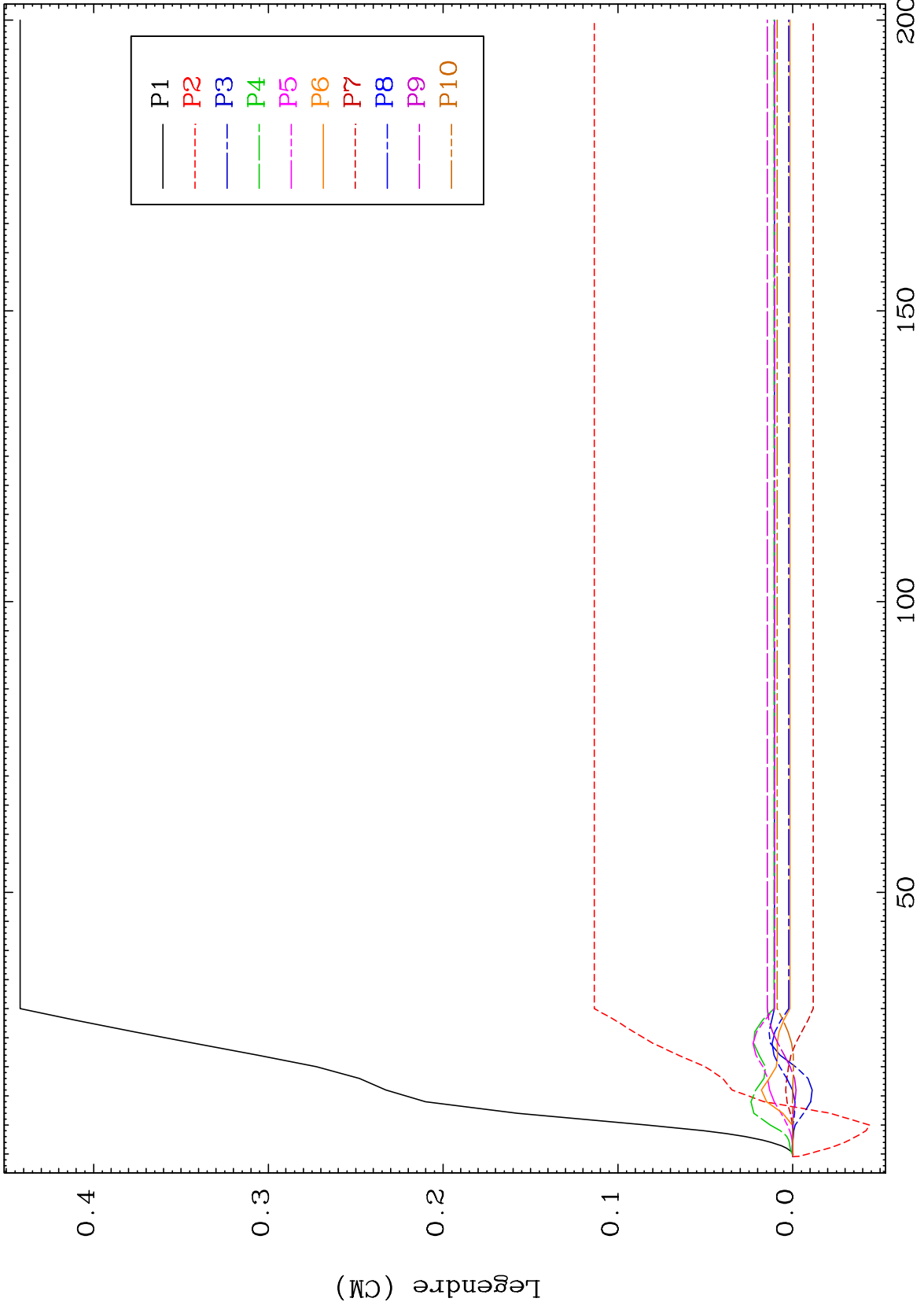


77

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 71 (n,n') Level Legendre Coefficients 20-Ca-47

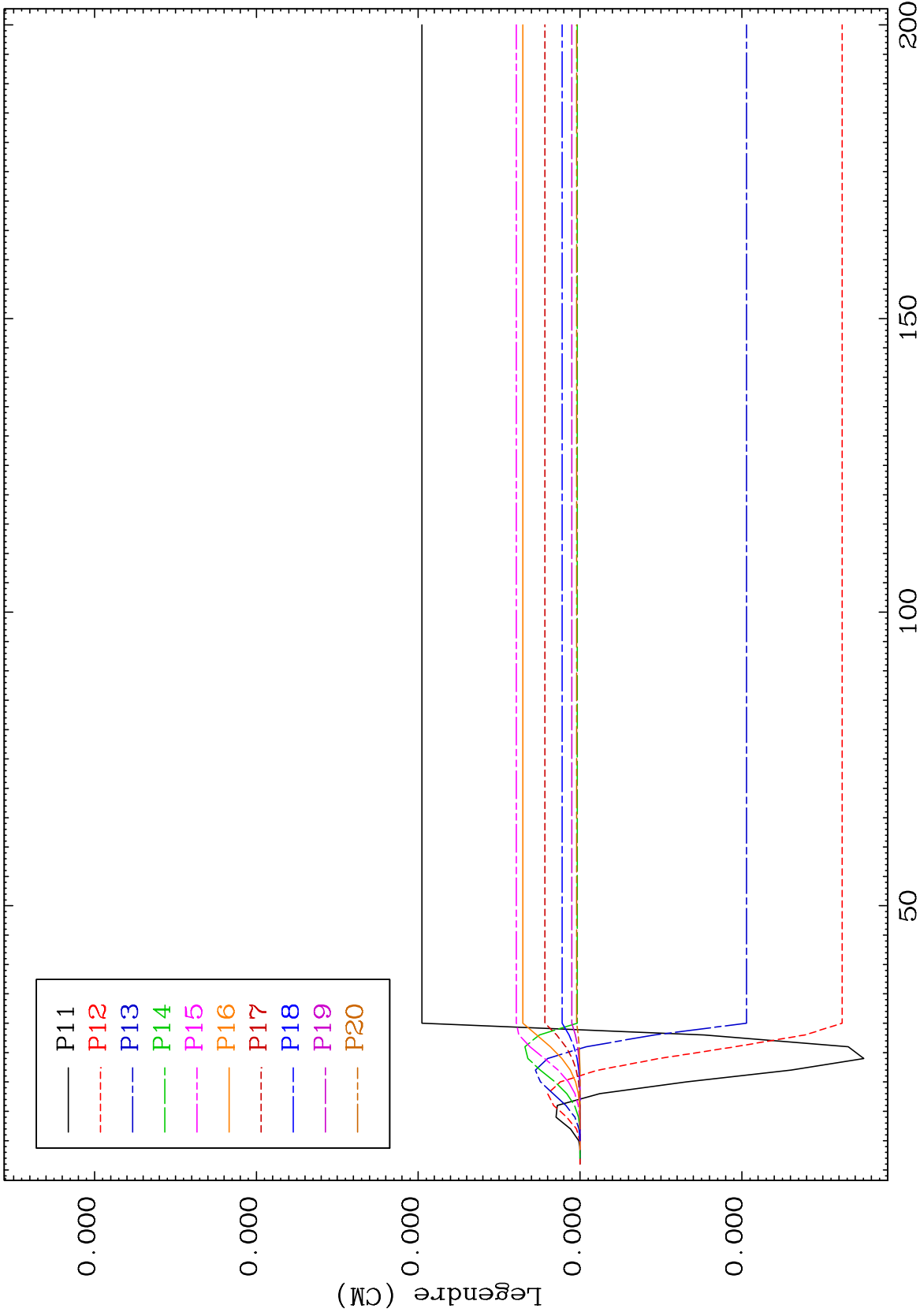


78 Incident Energy (MeV) 20-Ca-47

MAT 2046

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

20-Ca-47



79

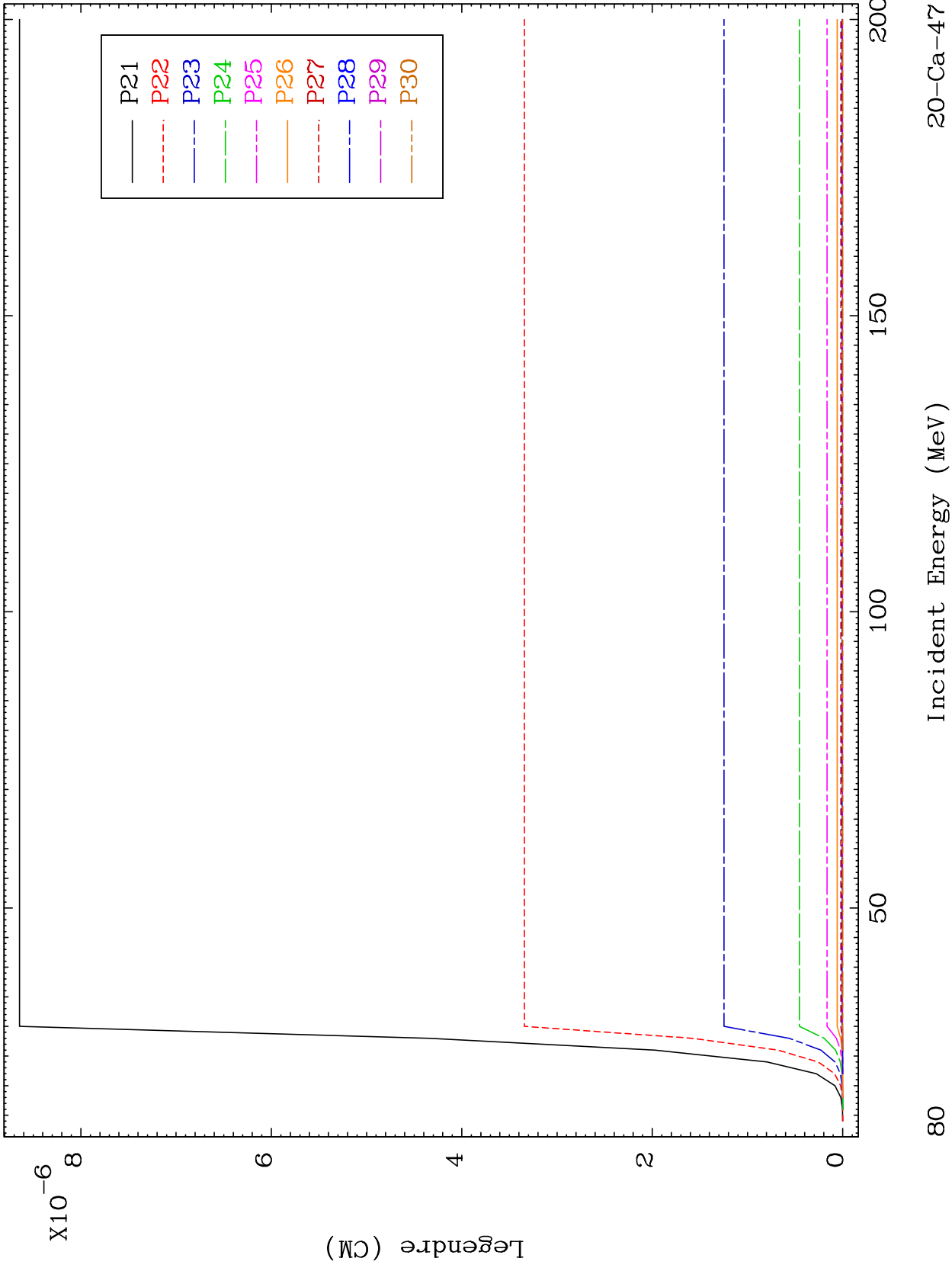
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

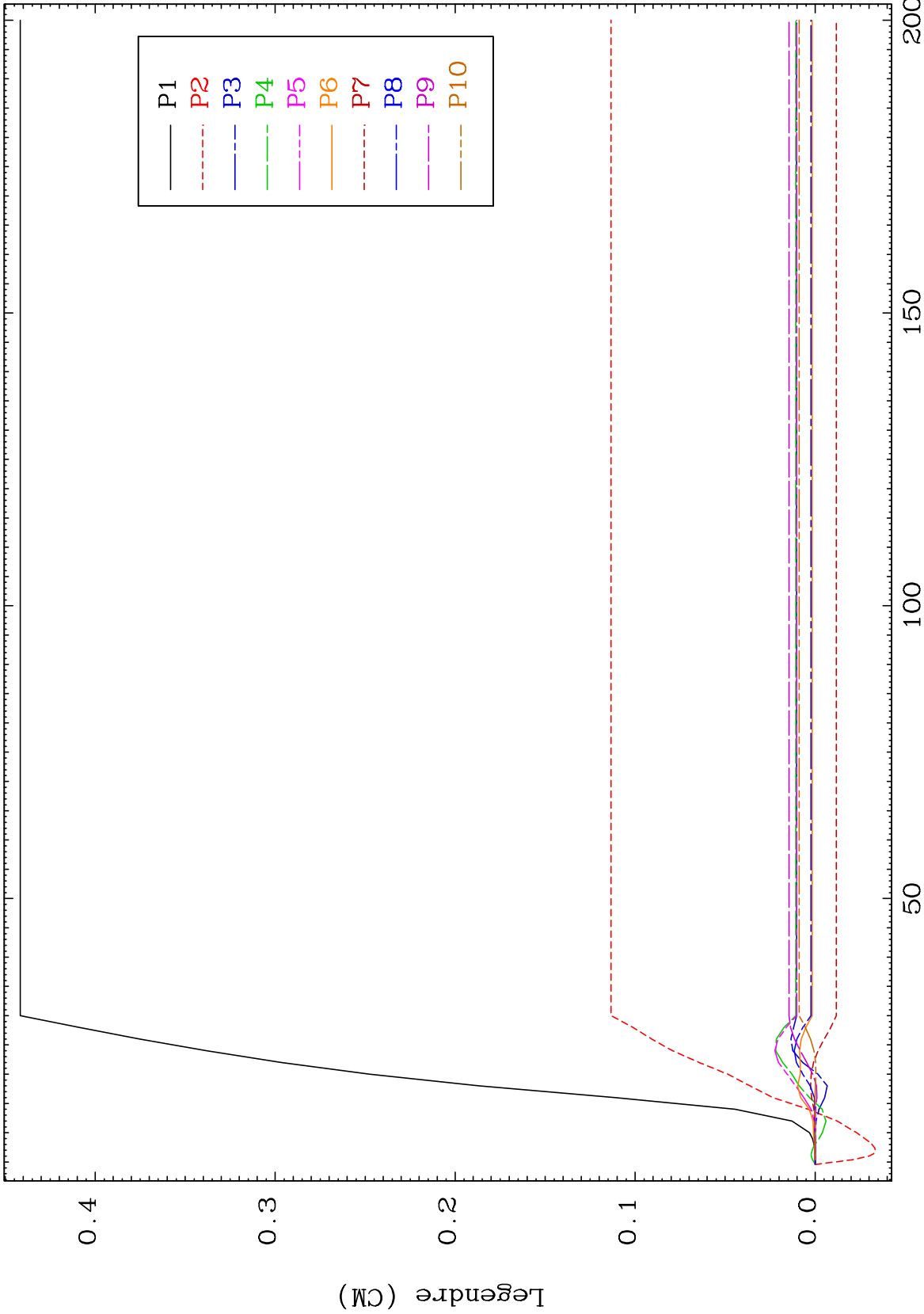
20-Ca-47



MAT 2046

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

20-Ca-47



81

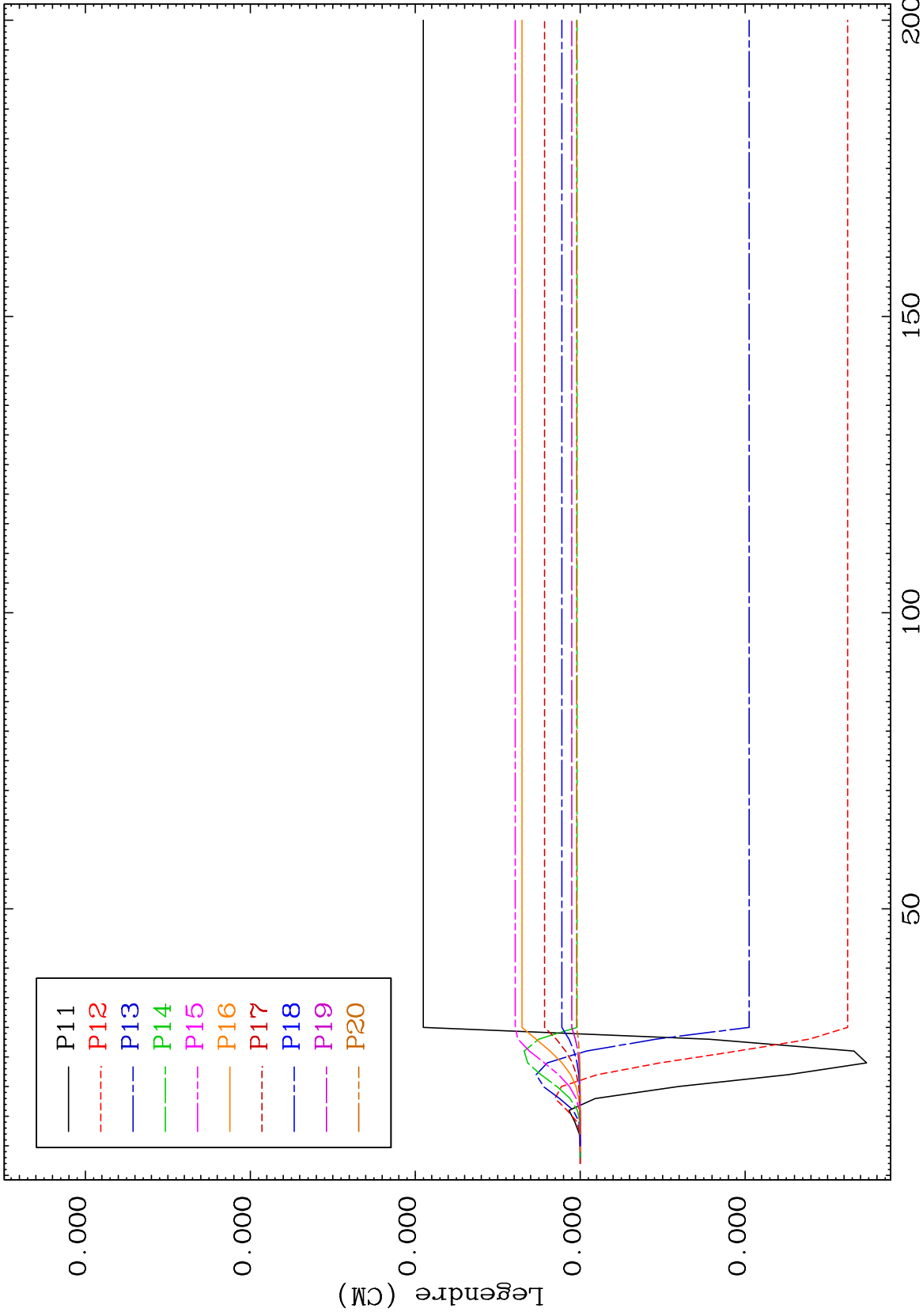
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



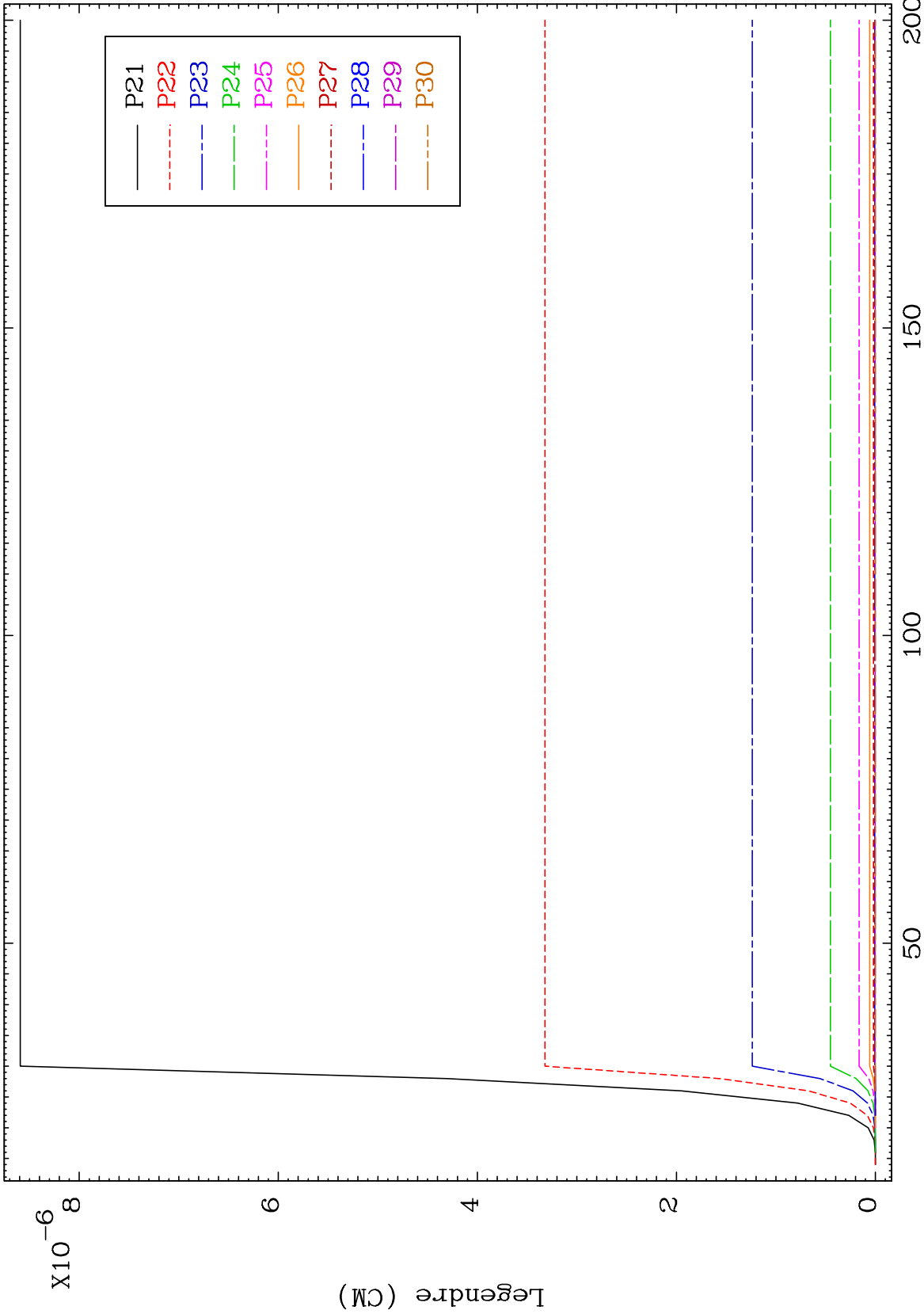
82

20-Ca-47

MAT 2046

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

20-Ca-47



83

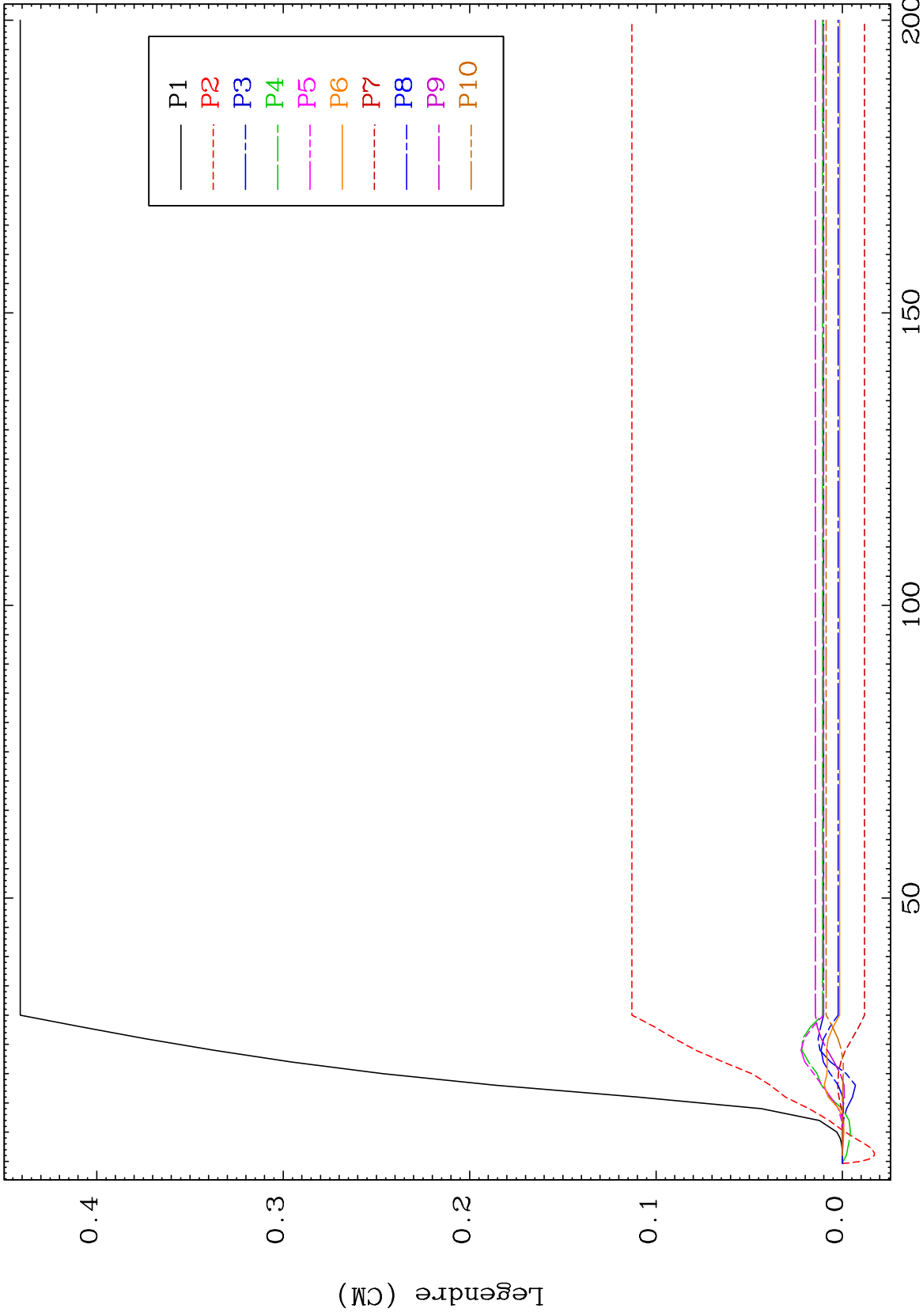
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



84

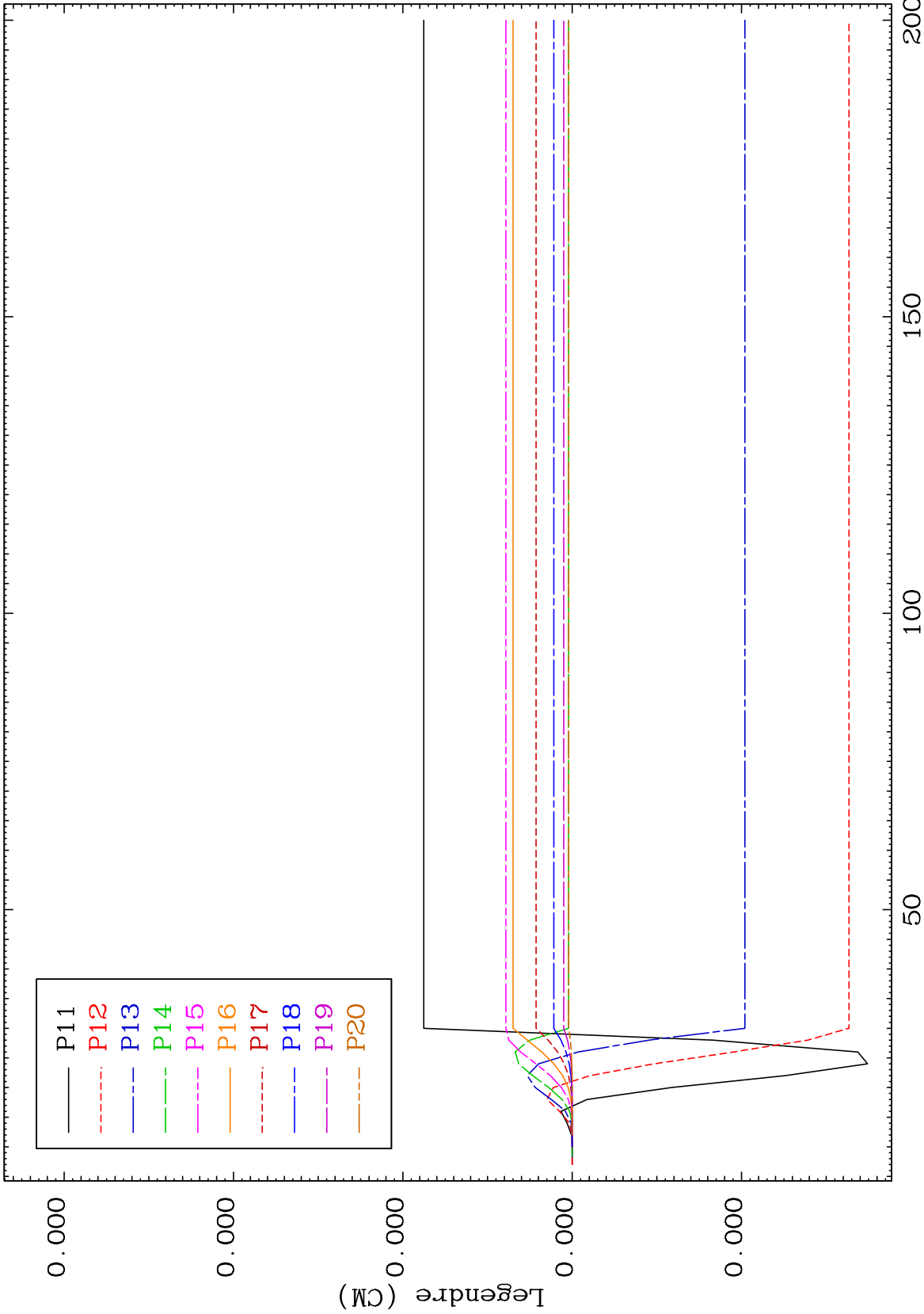
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



85

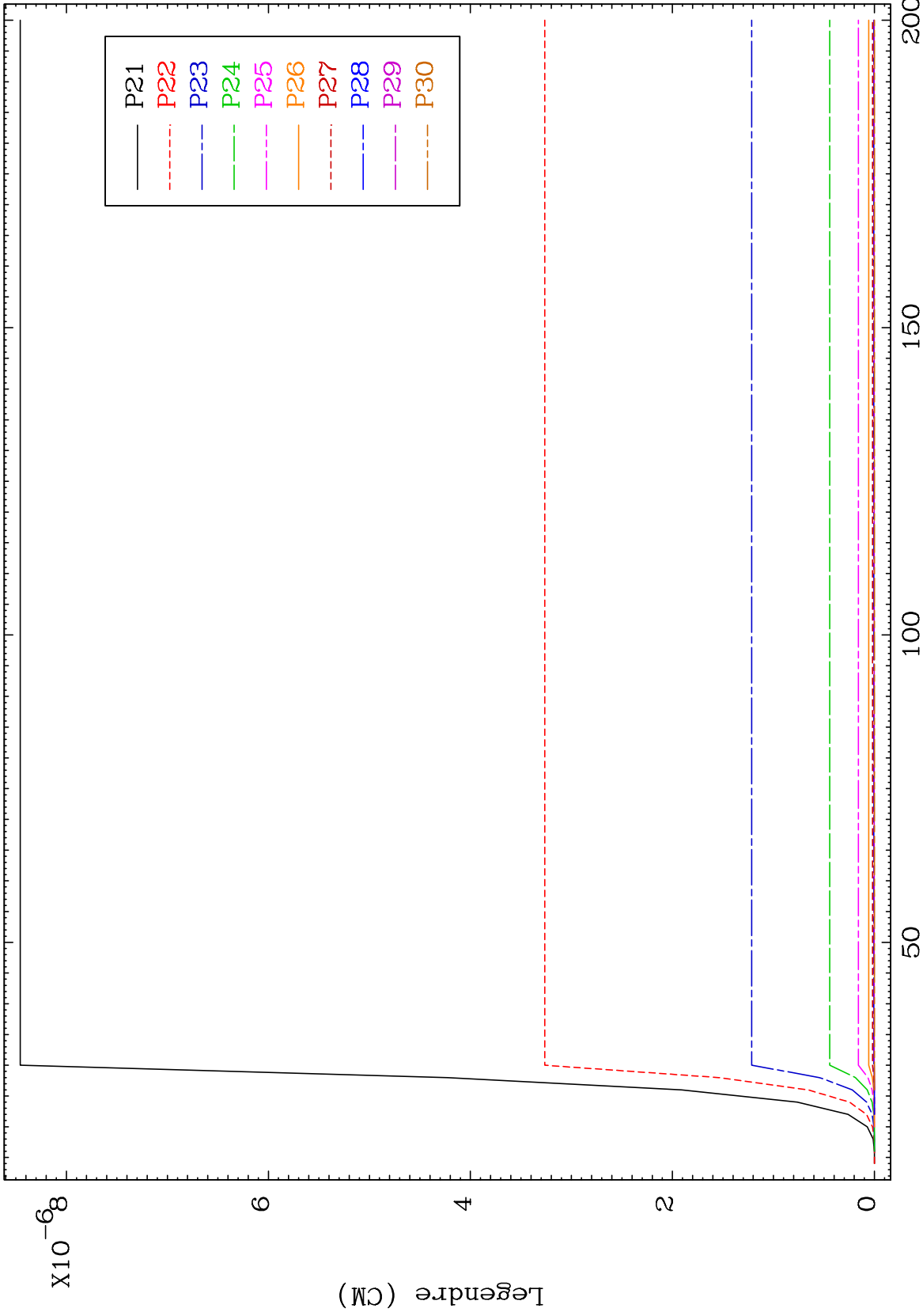
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



86

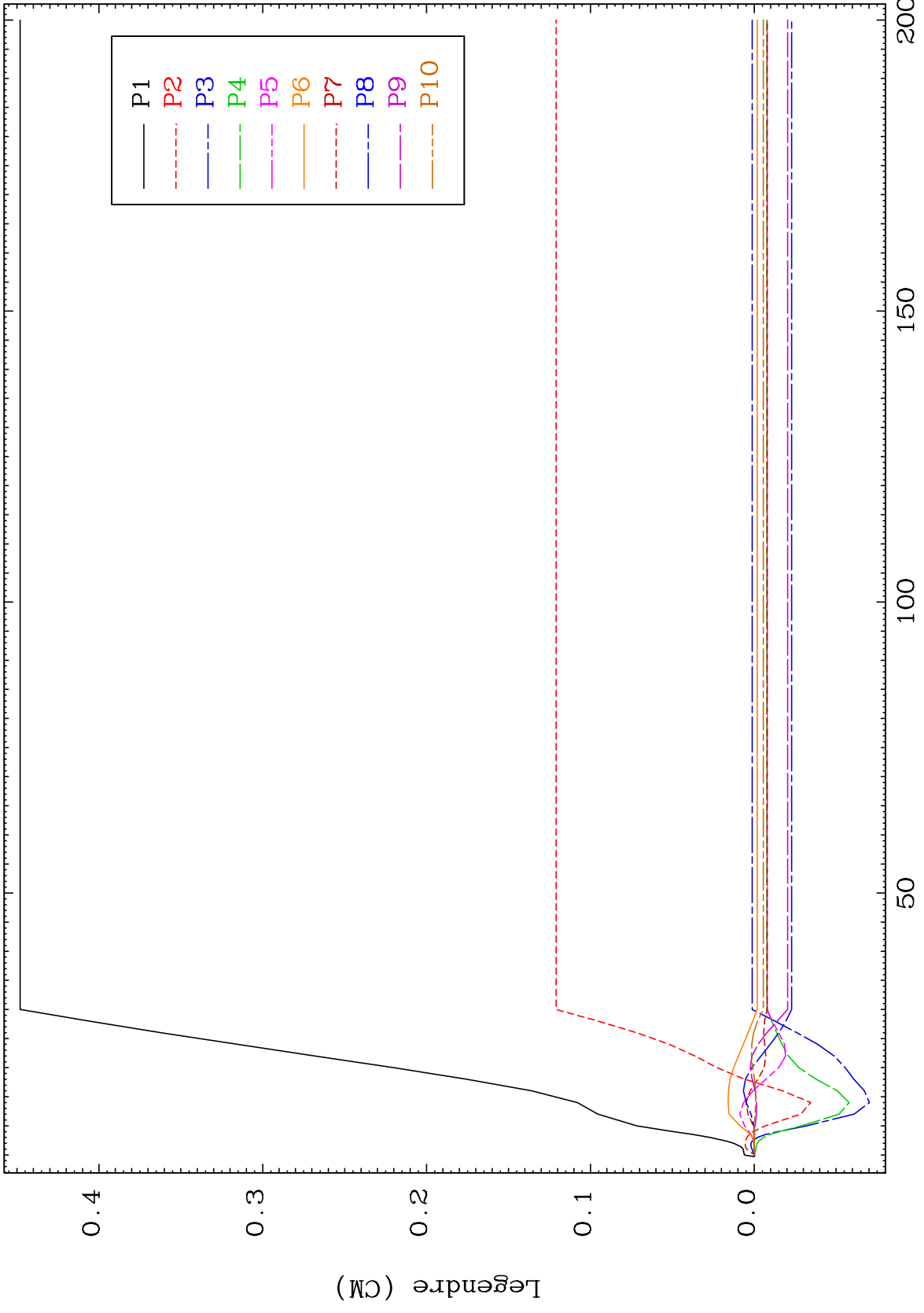
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



87

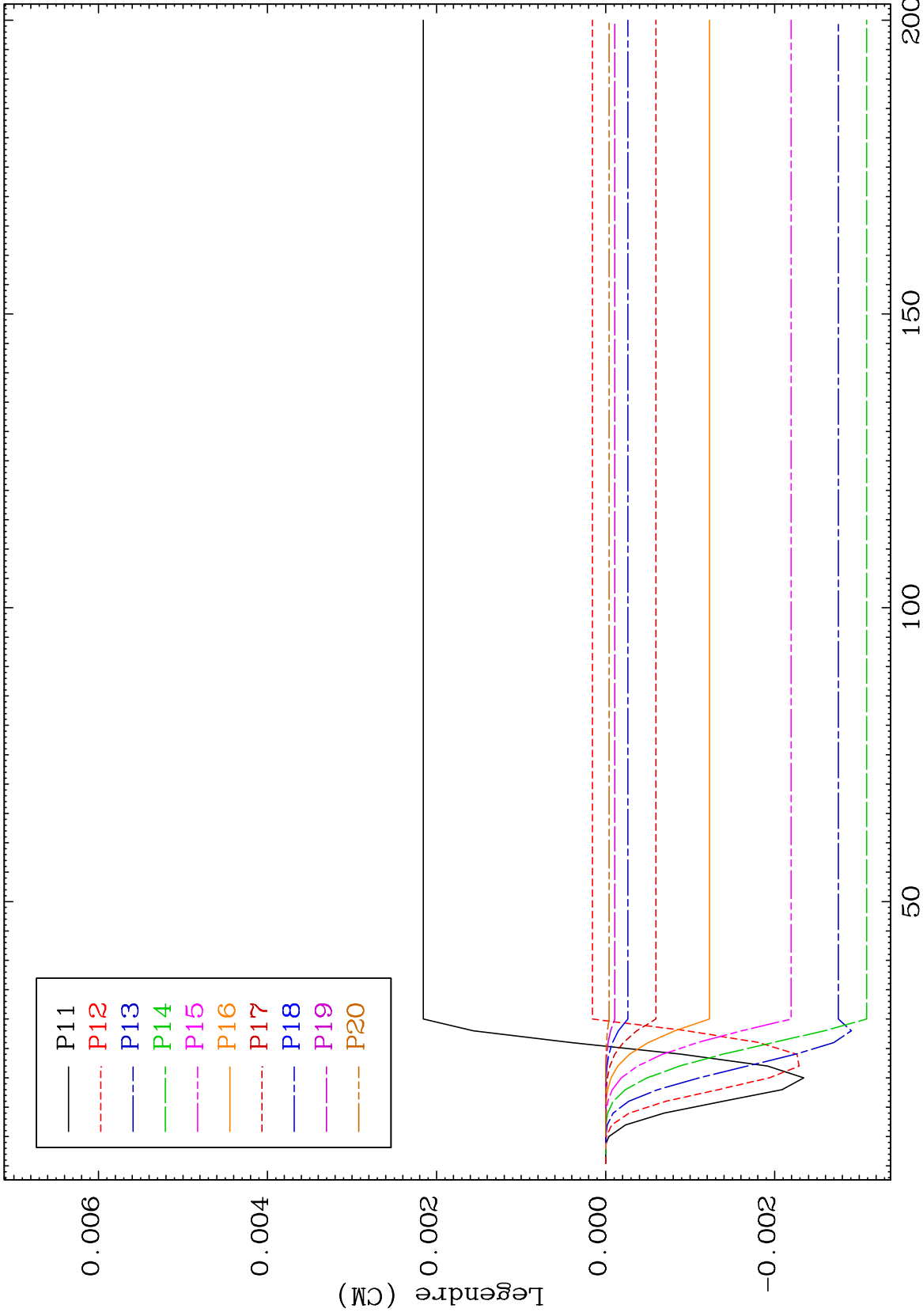
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

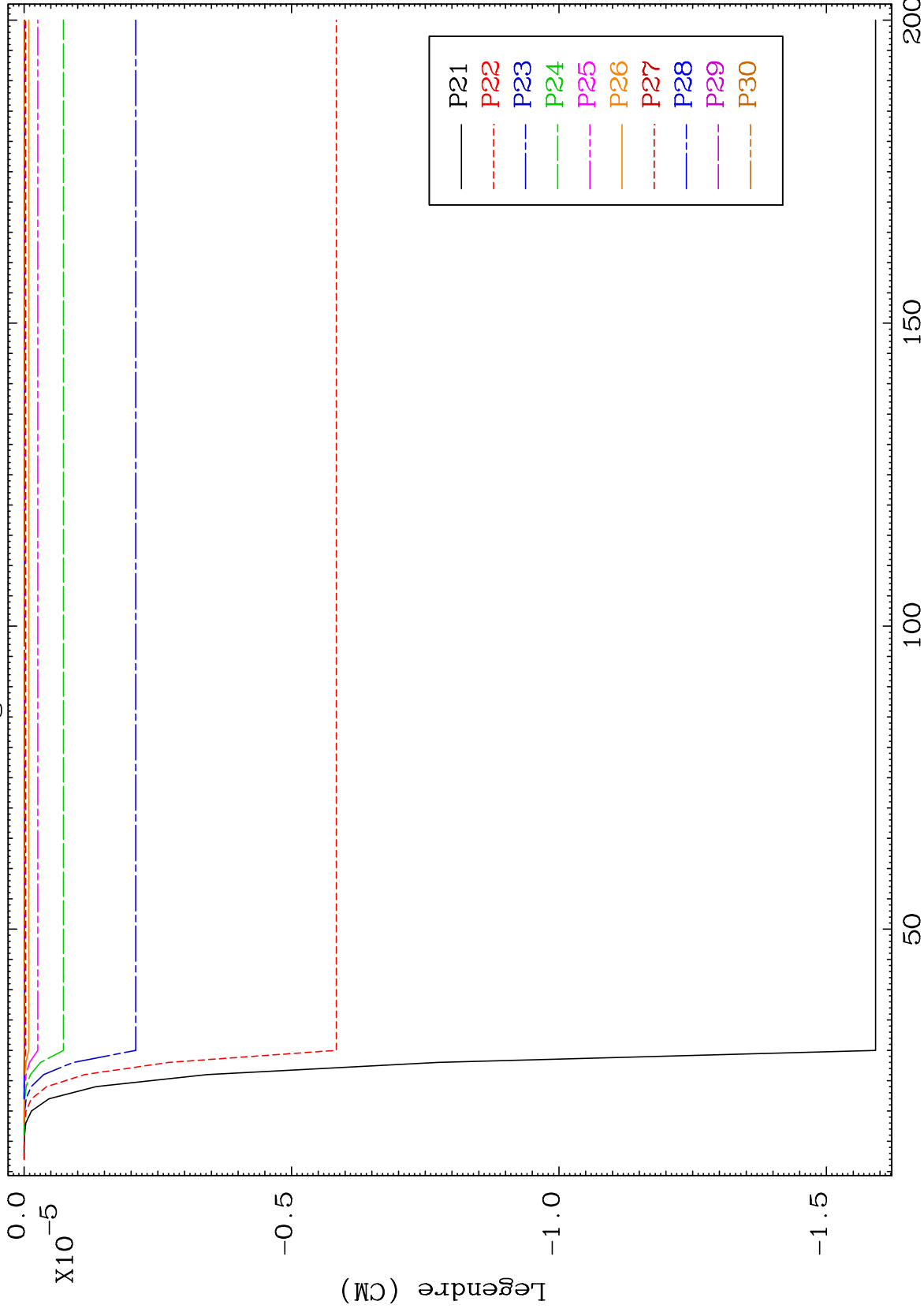
20-Ca-47



MAT 2046

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

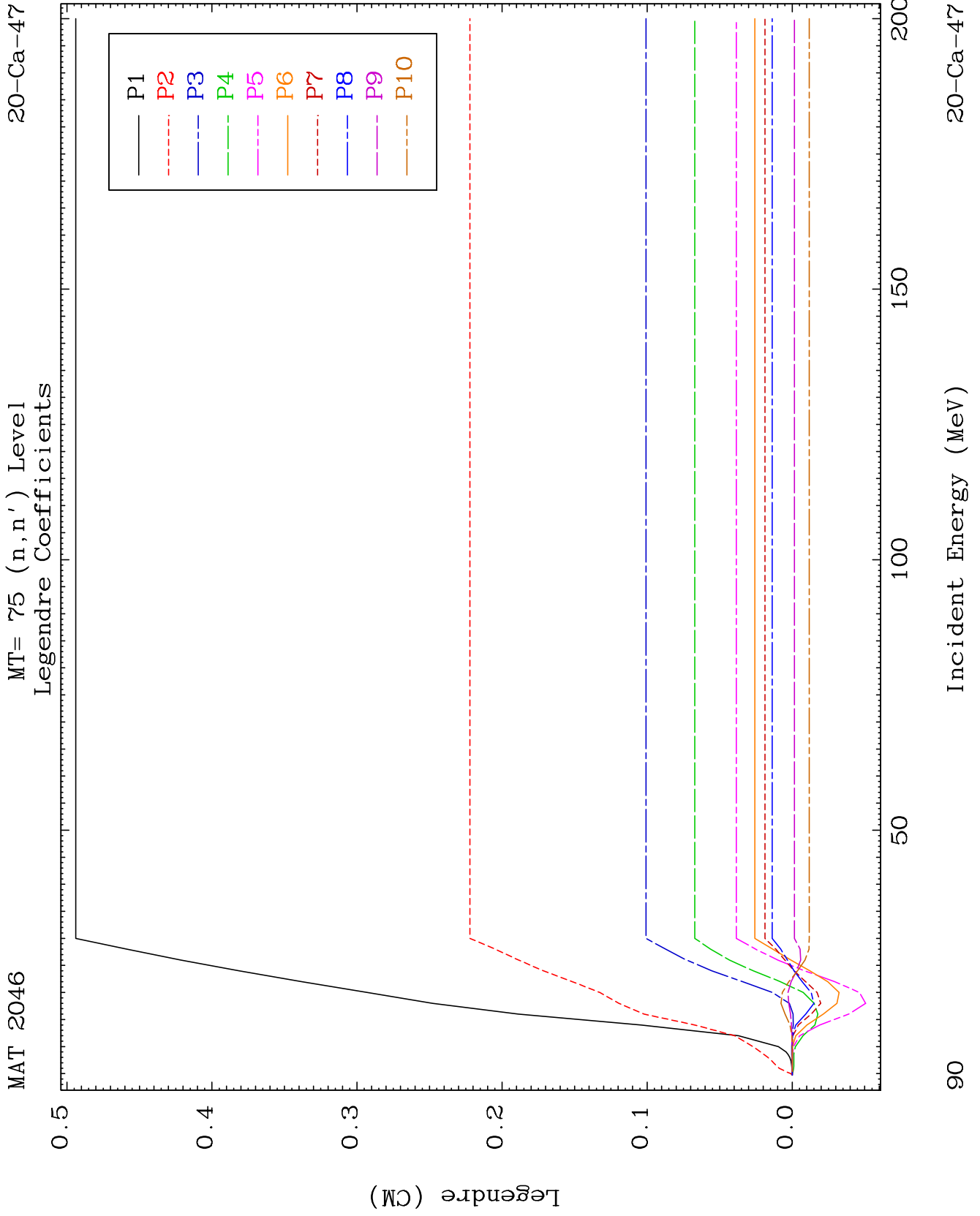
20-Ca-47



89

Incident Energy (MeV)

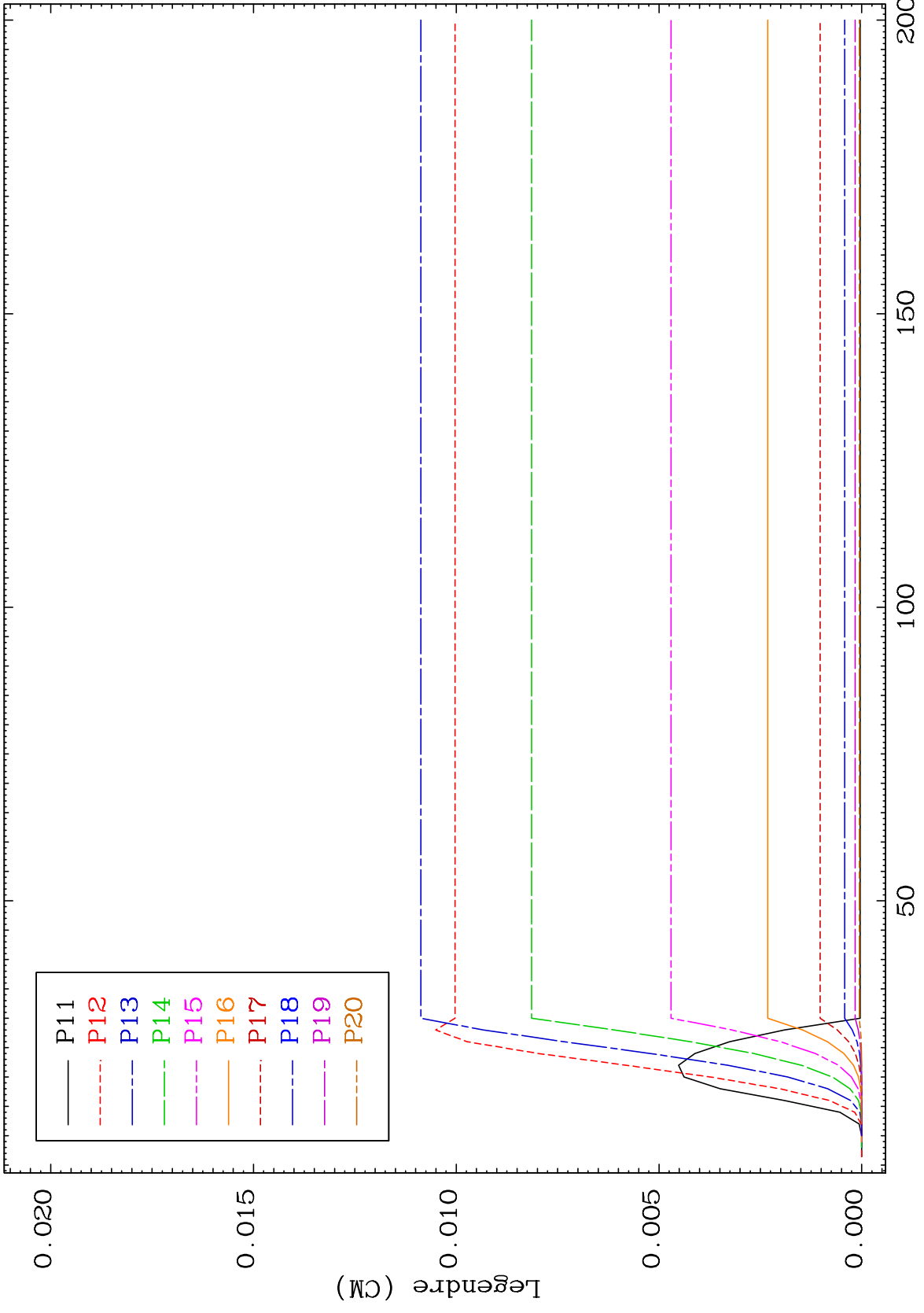
20-Ca-47



MAT 2046

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

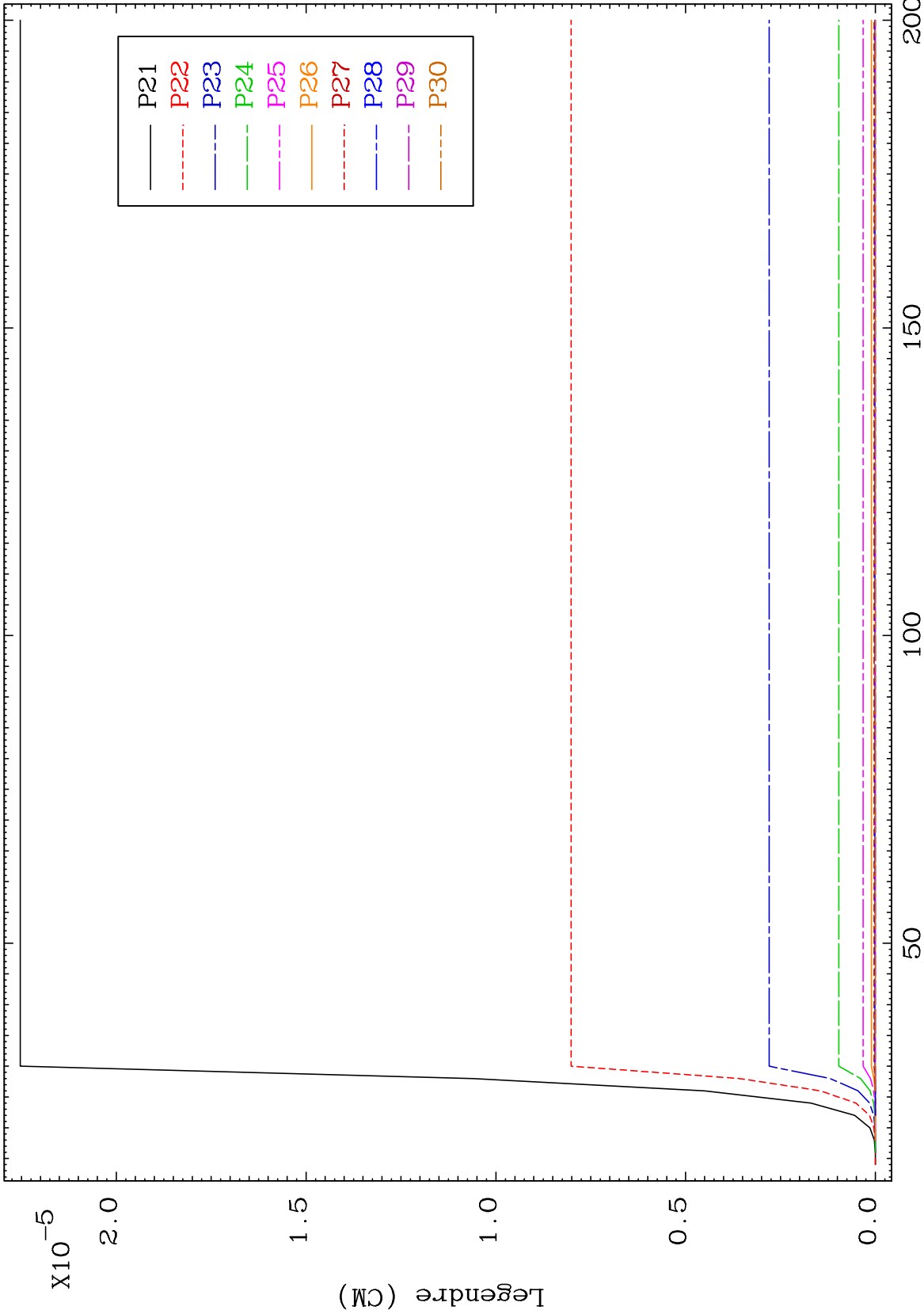
20-Ca-47



MAT 2046

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

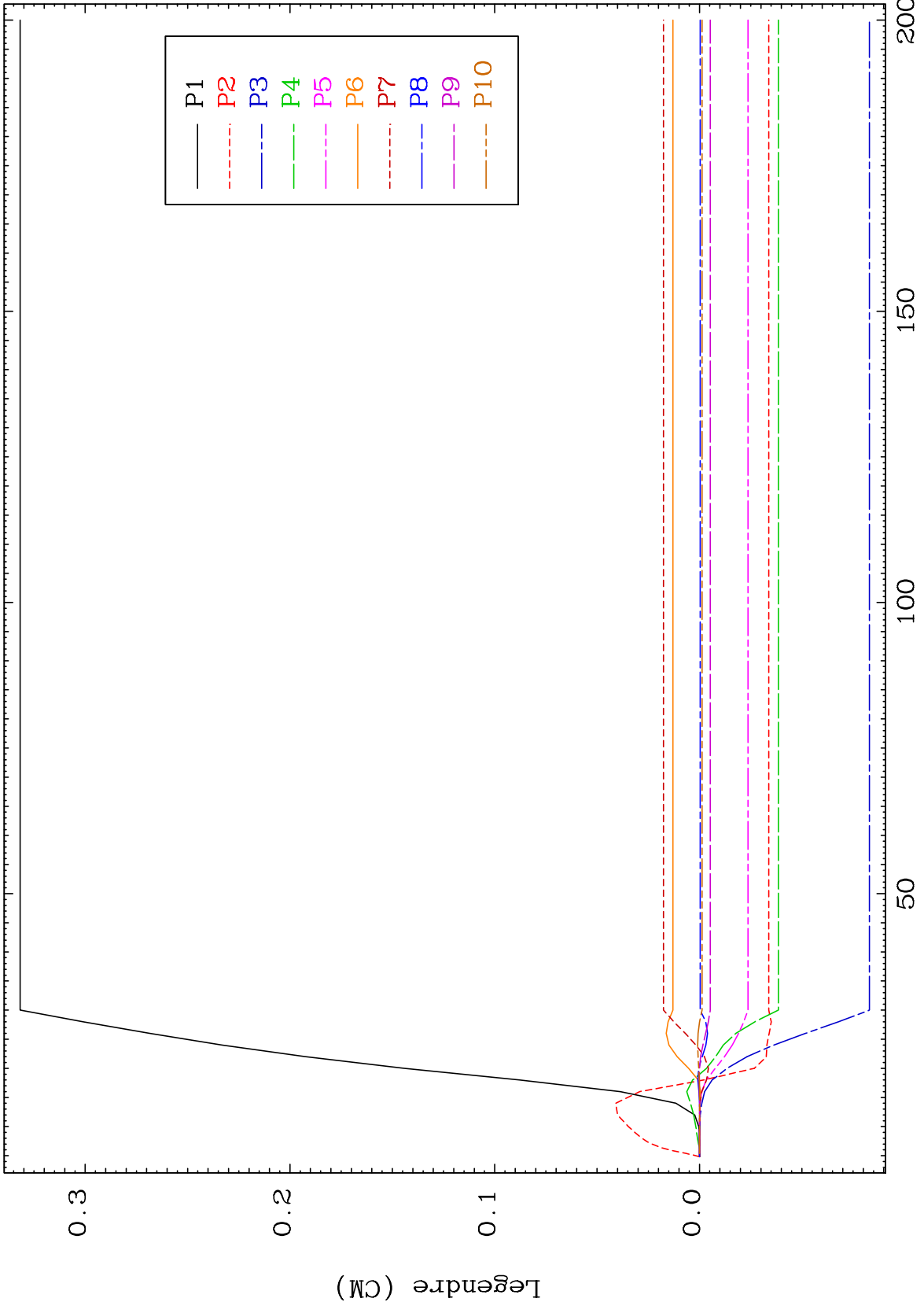
20-Ca-47



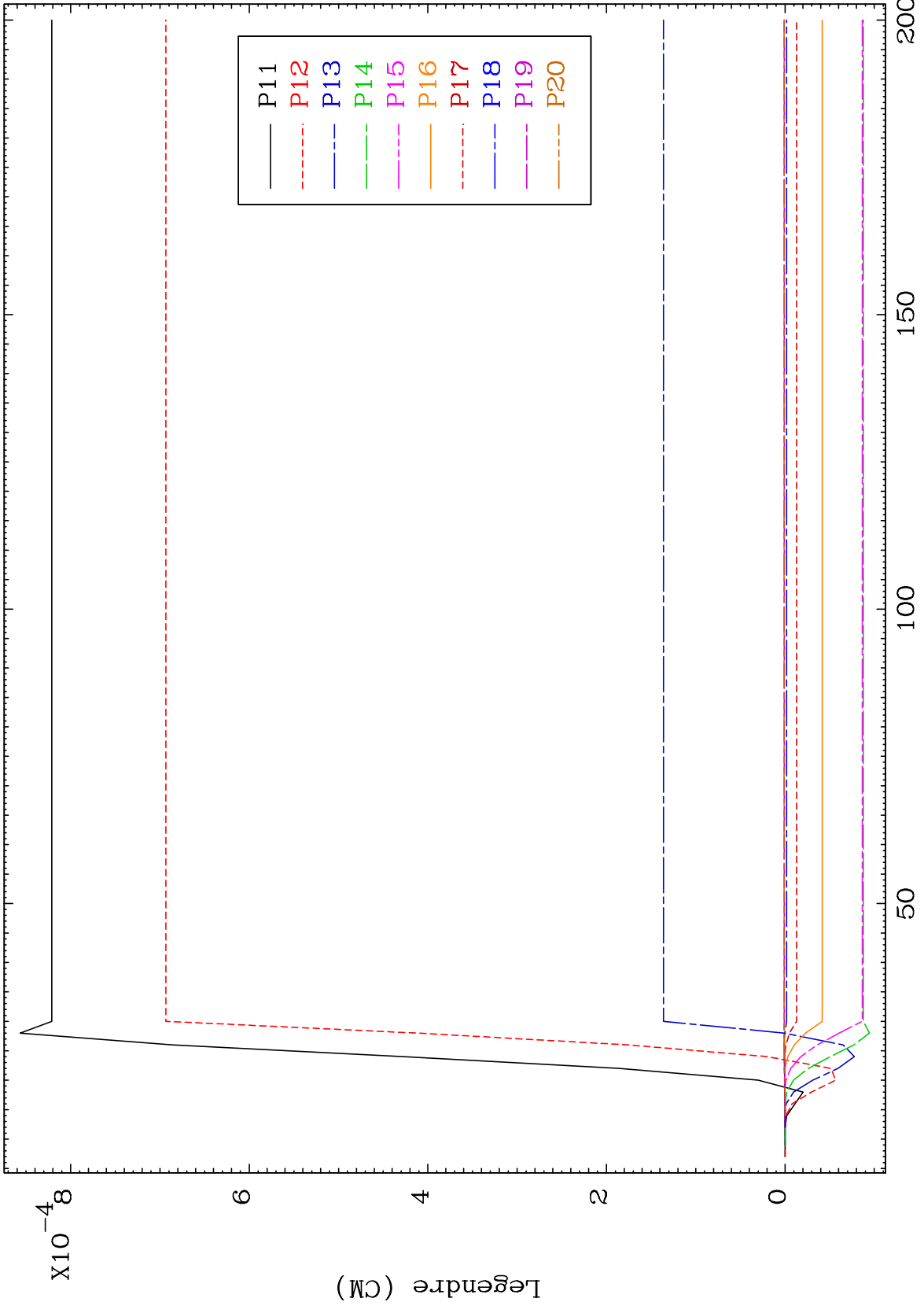
92

Incident Energy (MeV)

20-Ca-47



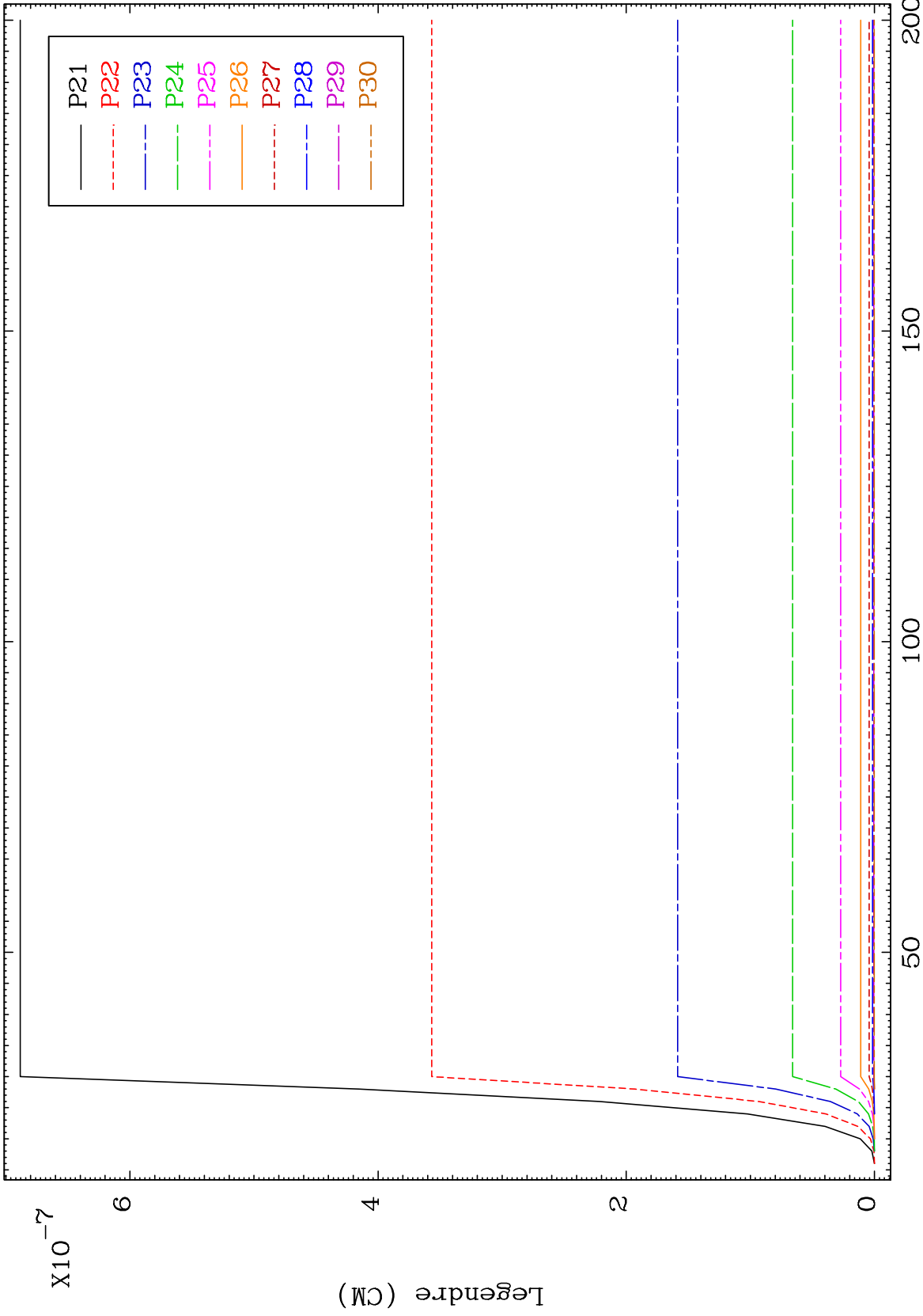
MAT 2046 MT= 76 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046

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

20-Ca-47



95

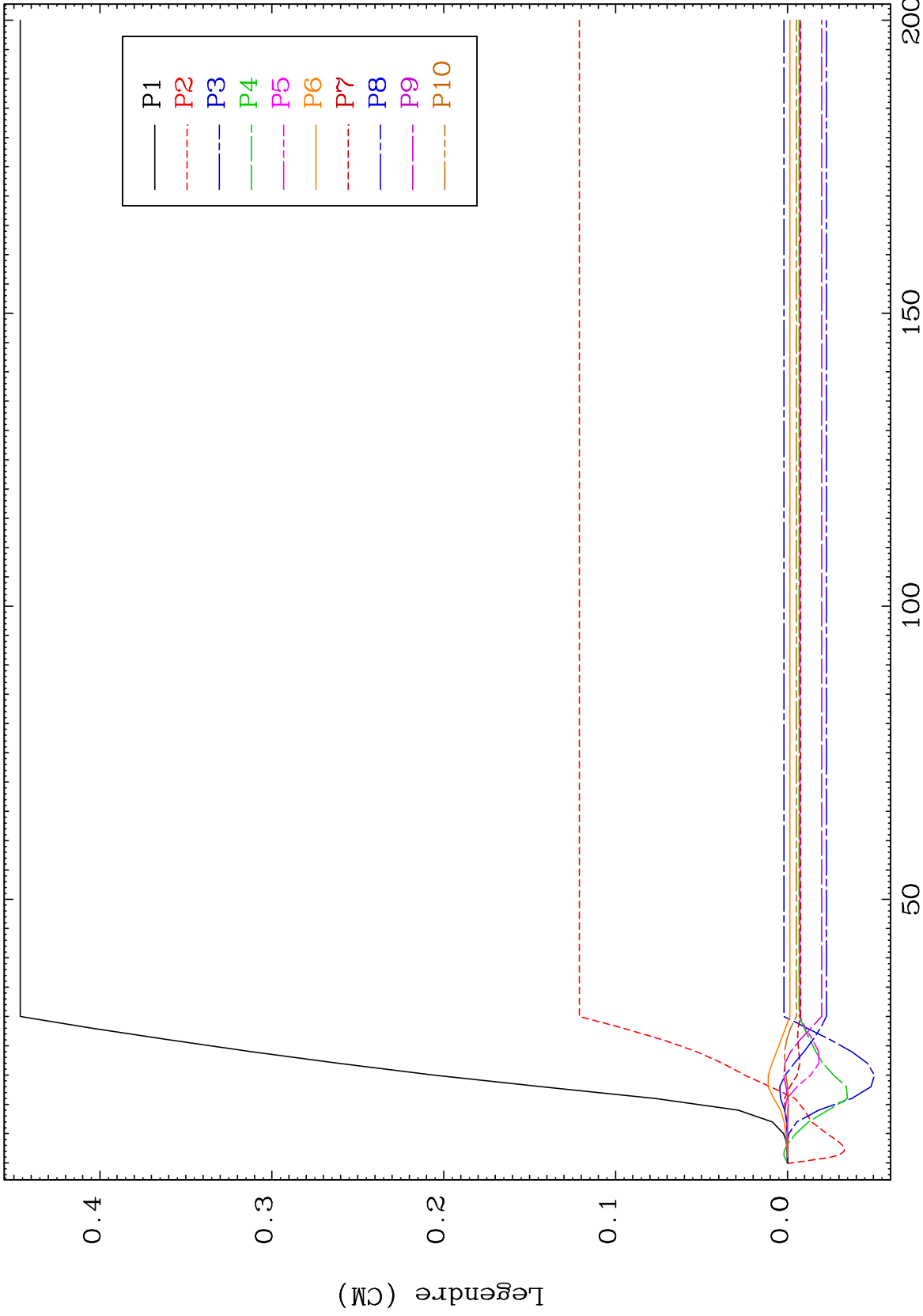
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47



96

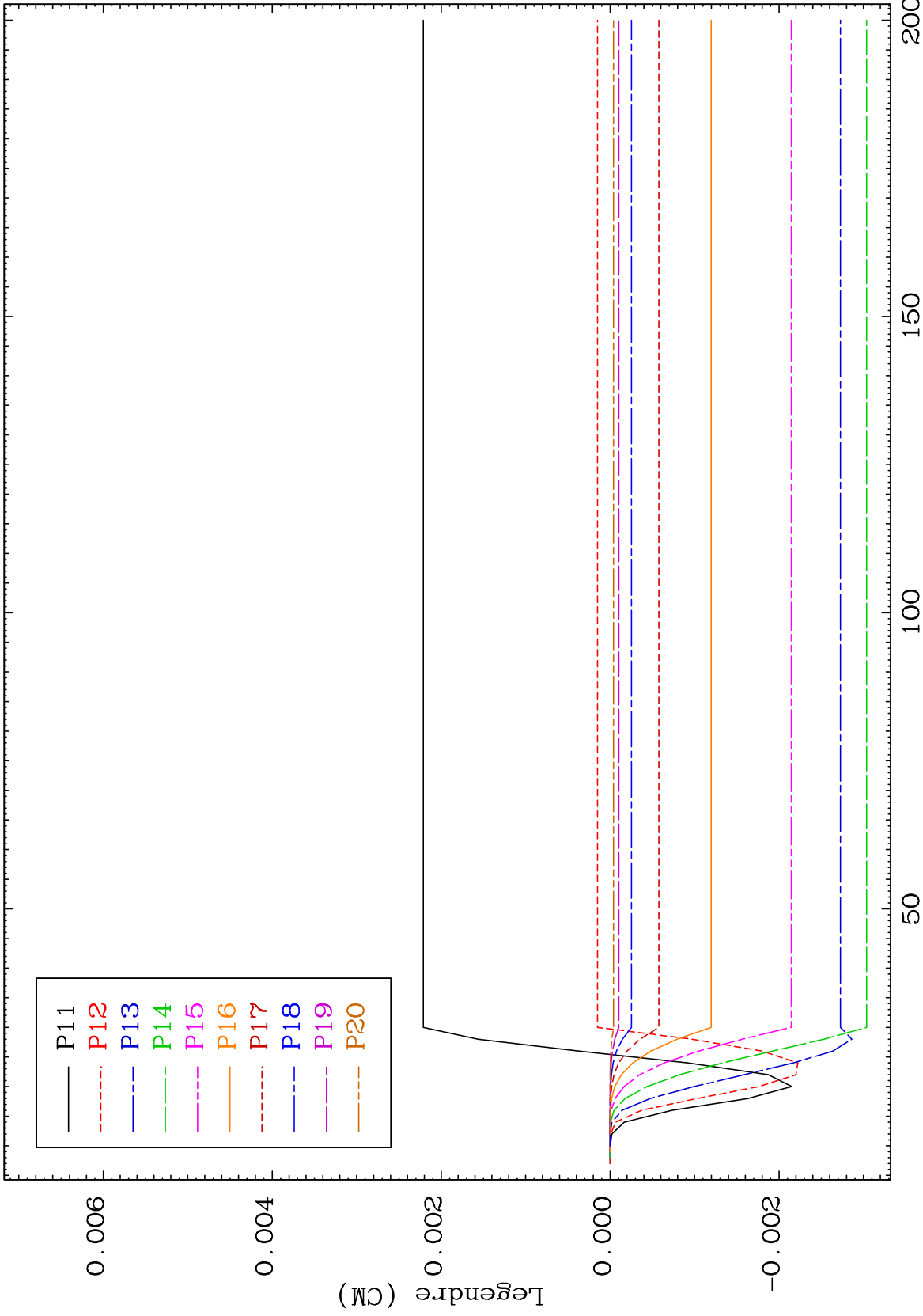
Incident Energy (MeV)

20-Ca-47

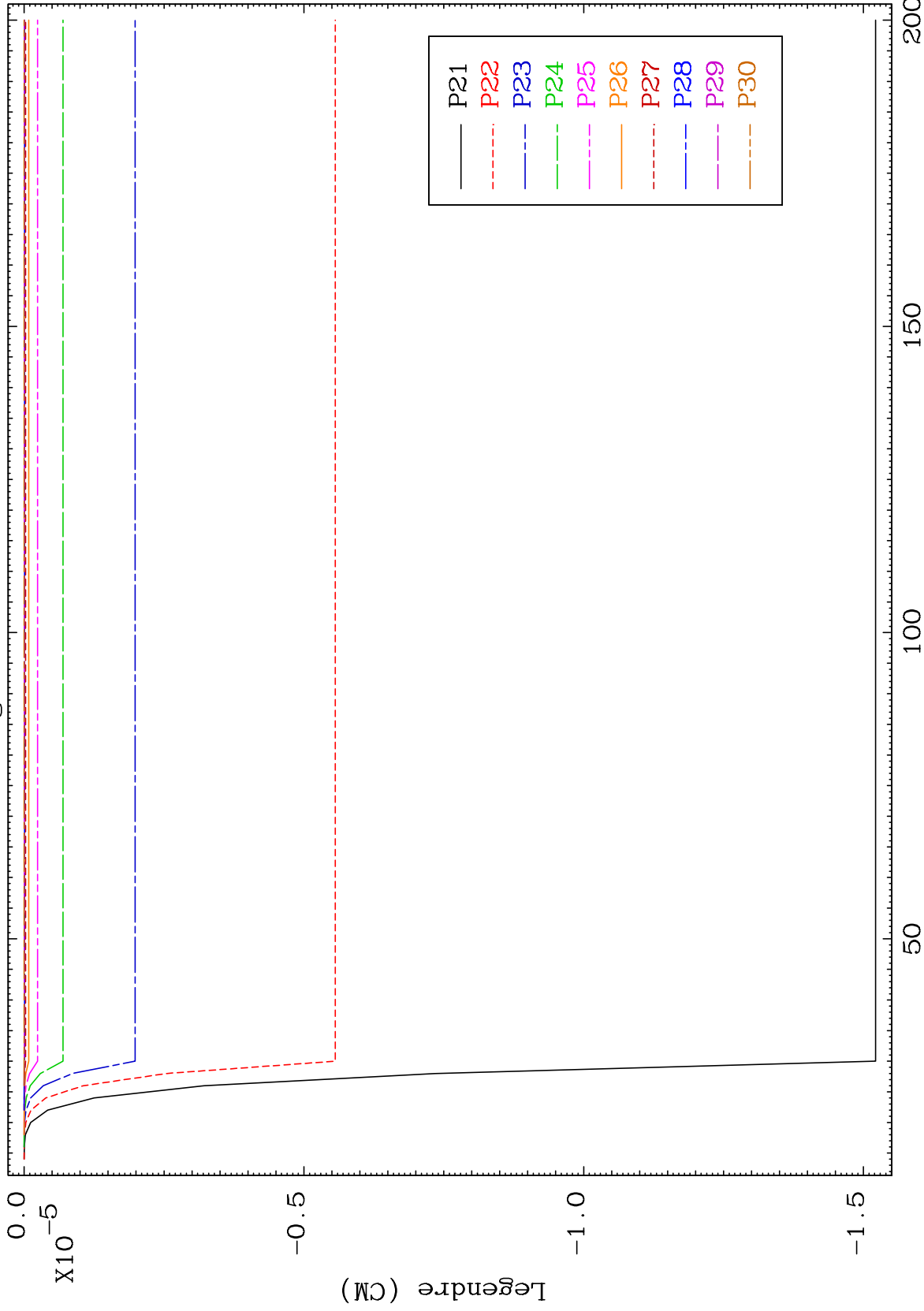
MAT 2046

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

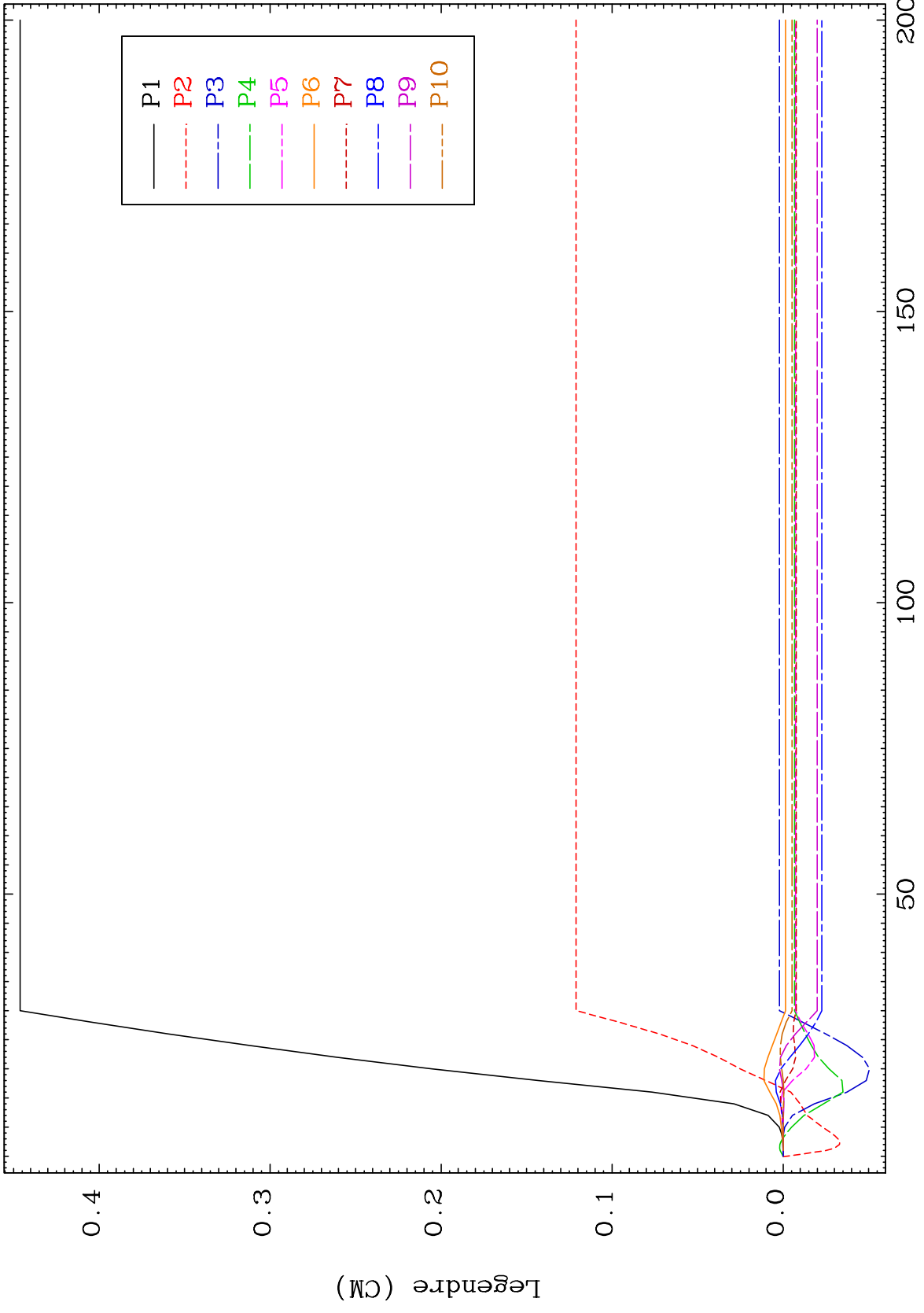
20-Ca-47



MAT 2046 MT= 77 (n,n') Level Legendre Coefficients 20-Ca-47



MAT 2046 MT= 78 (n,n') Level Legendre Coefficients 20-Ca-47

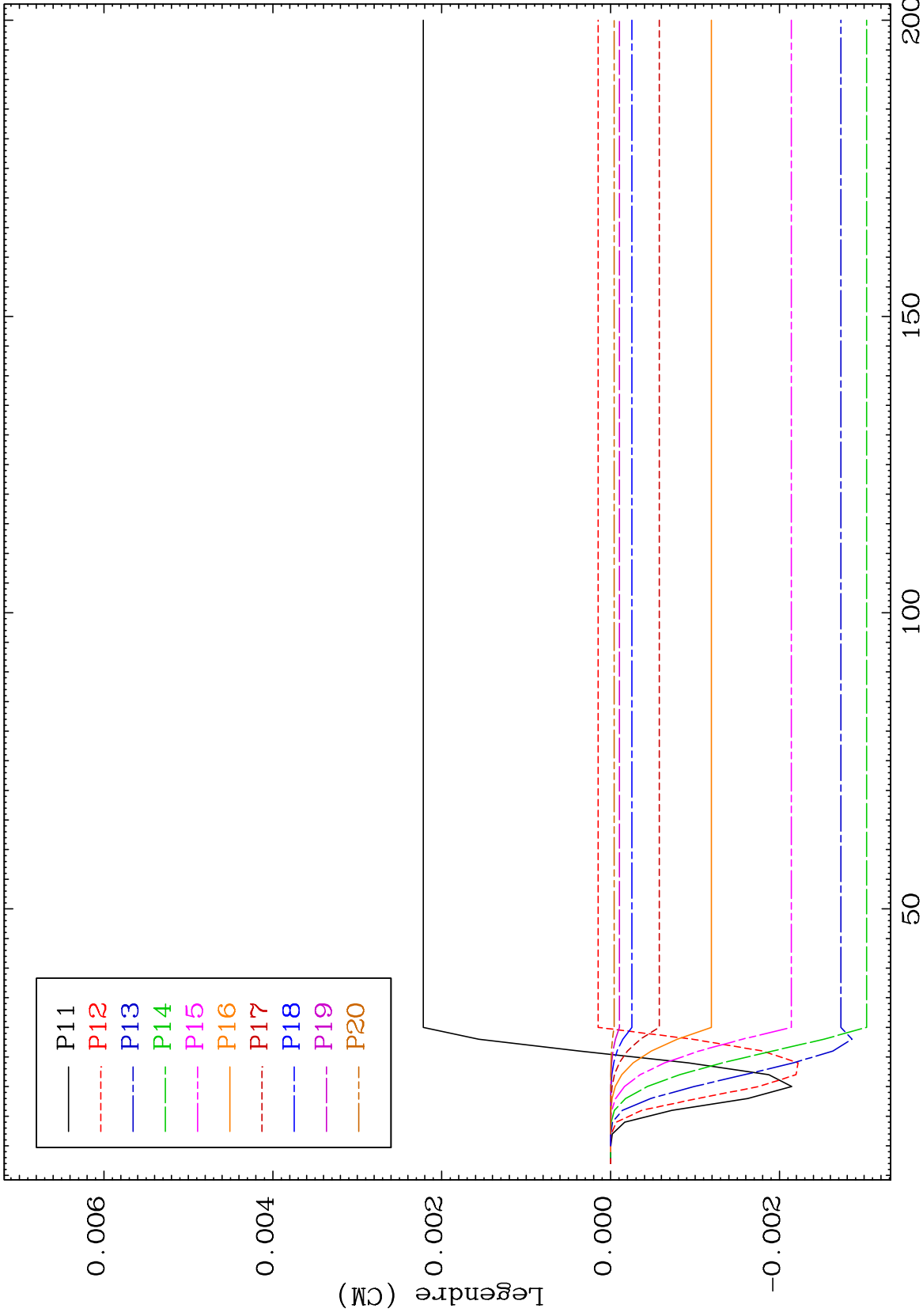


99 20-Ca-47

MAT 2046

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

20-Ca-47

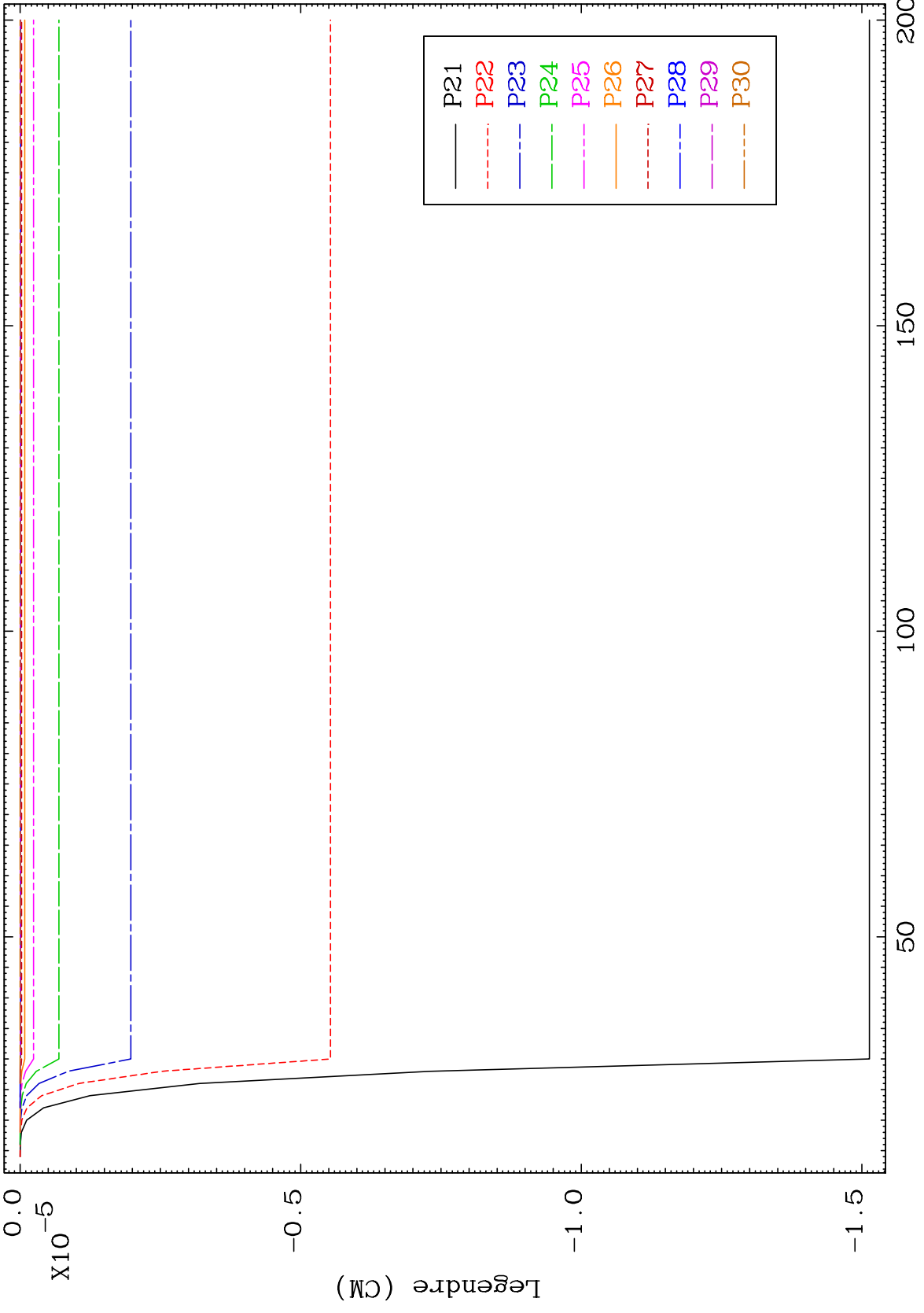


100

Incident Energy (MeV)

20-Ca-47

MAT 2046 MT= 78 (n,n') Level Legendre Coefficients 20-Ca-47



101

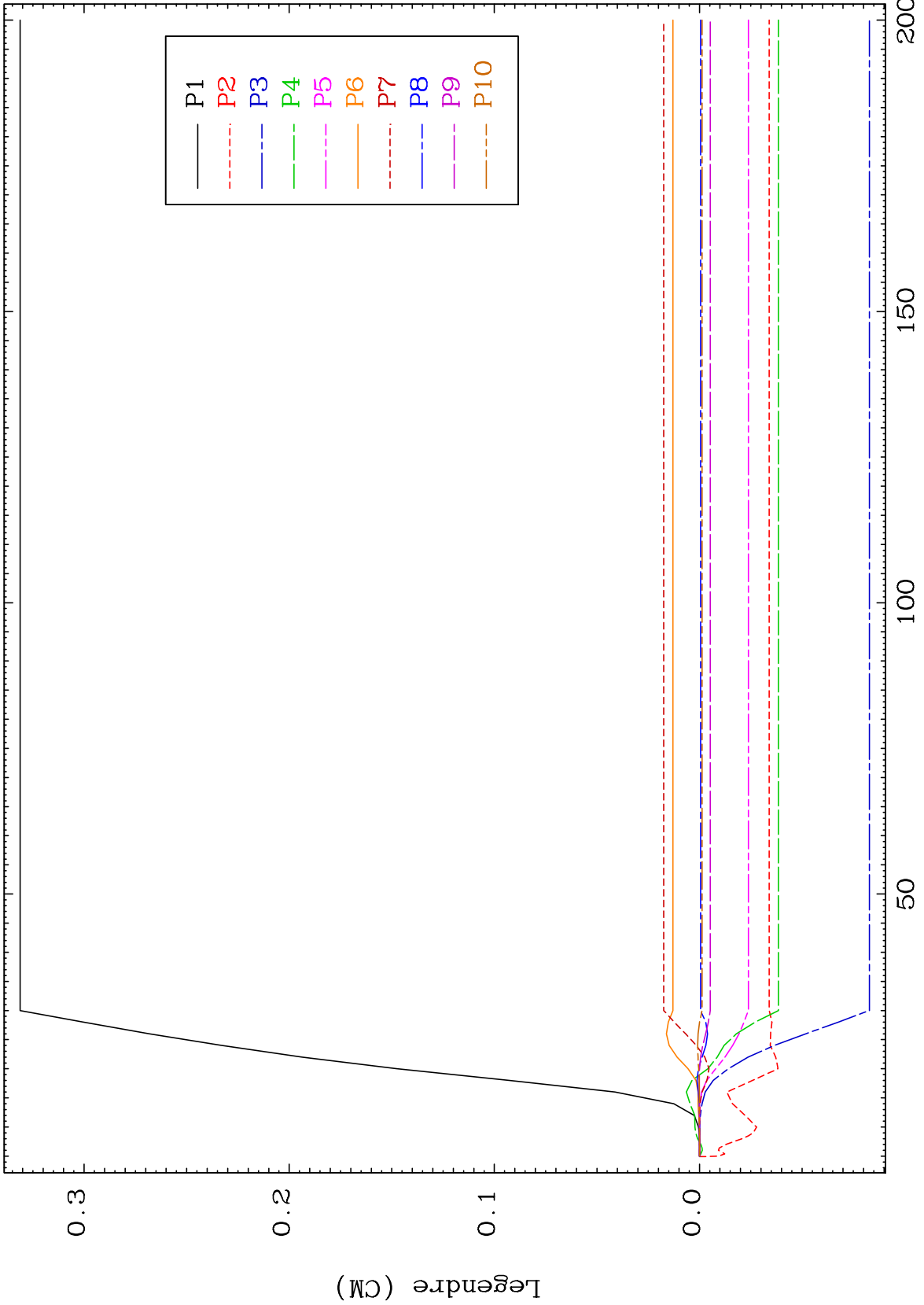
Incident Energy (MeV)

20-Ca-47

MAT 2046

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

20-Ca-47

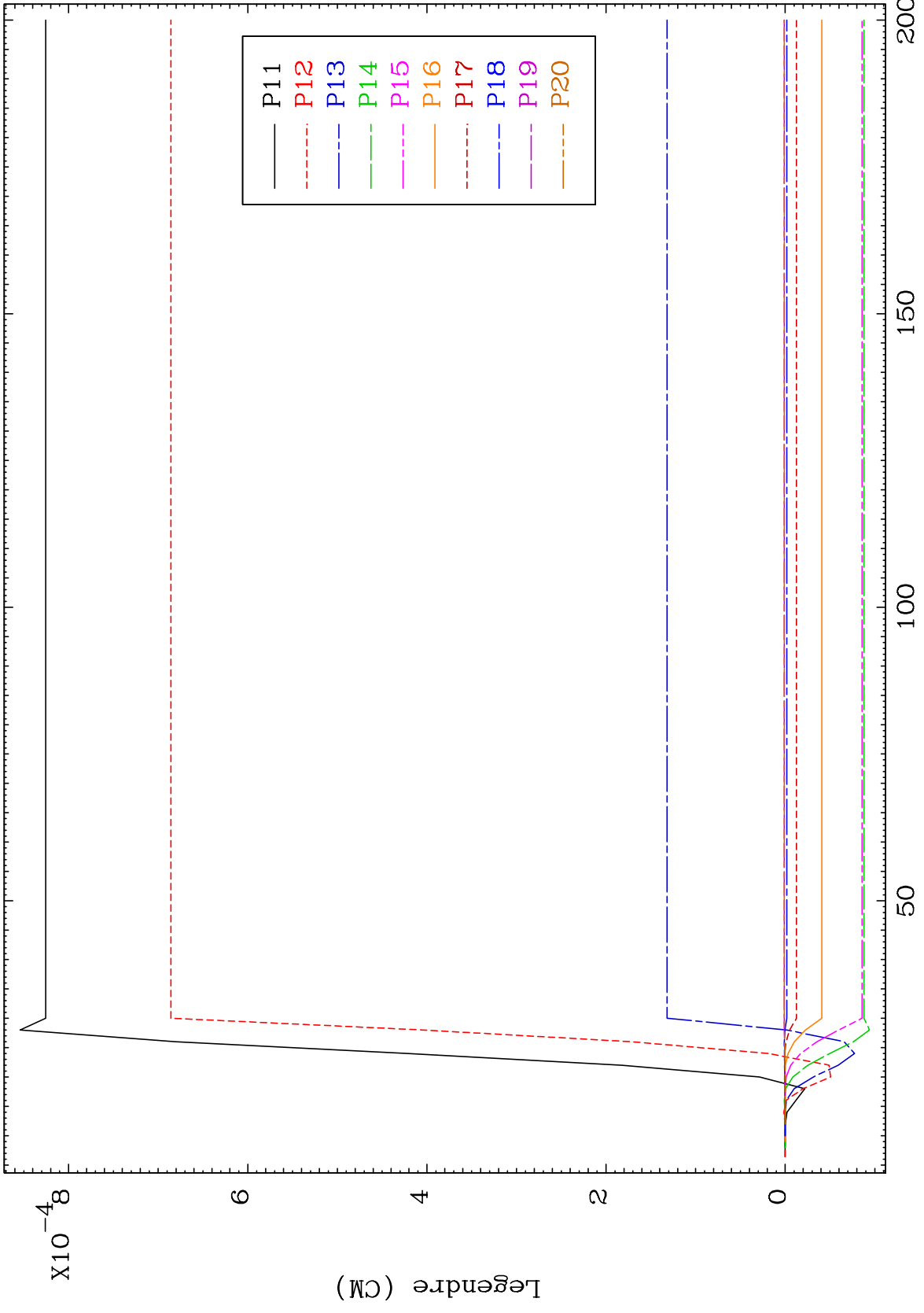


102

Incident Energy (MeV)

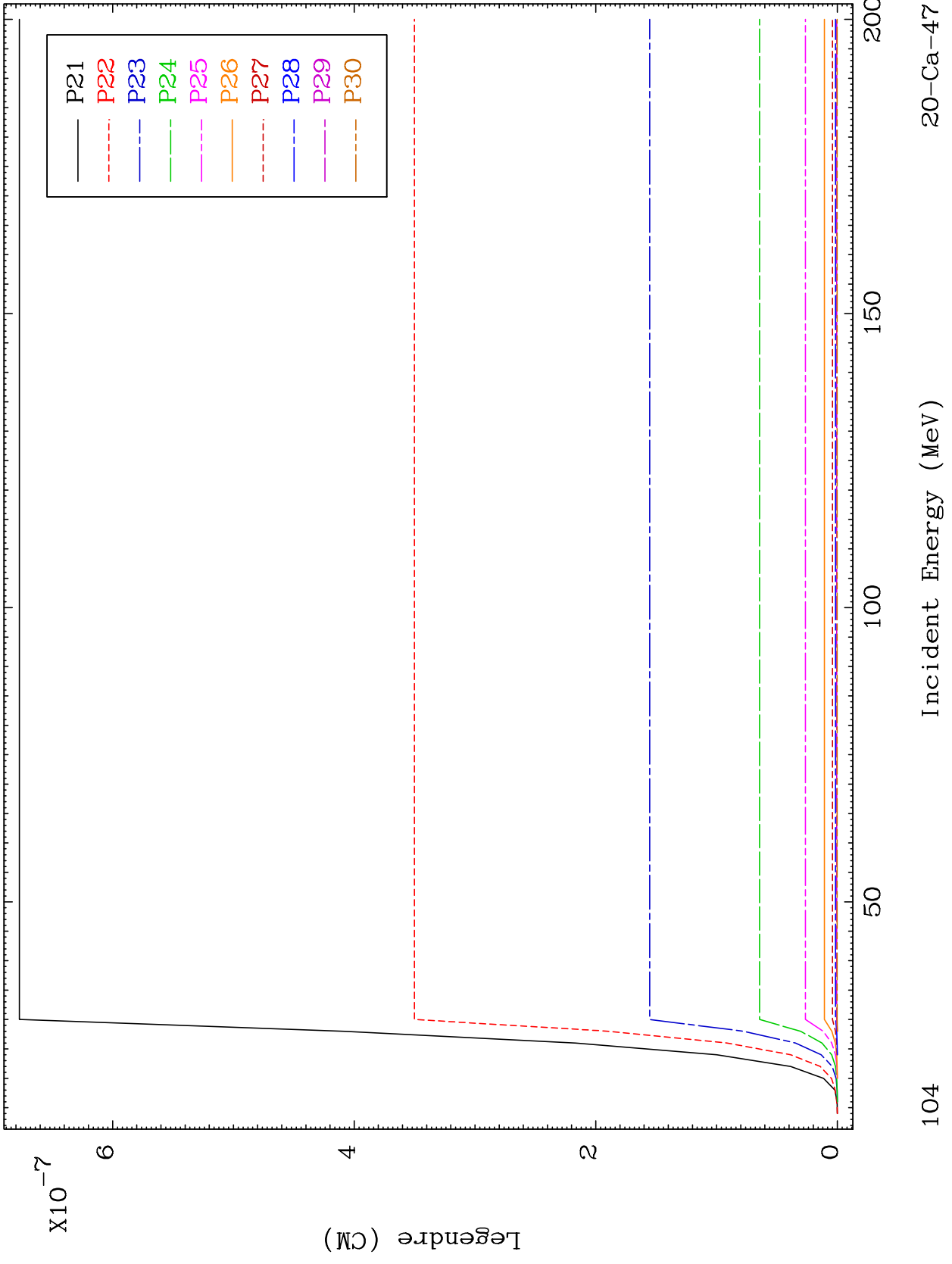
20-Ca-47

MAT 2046 MT= 79 (n,n') Level Legendre Coefficients 20-Ca-47

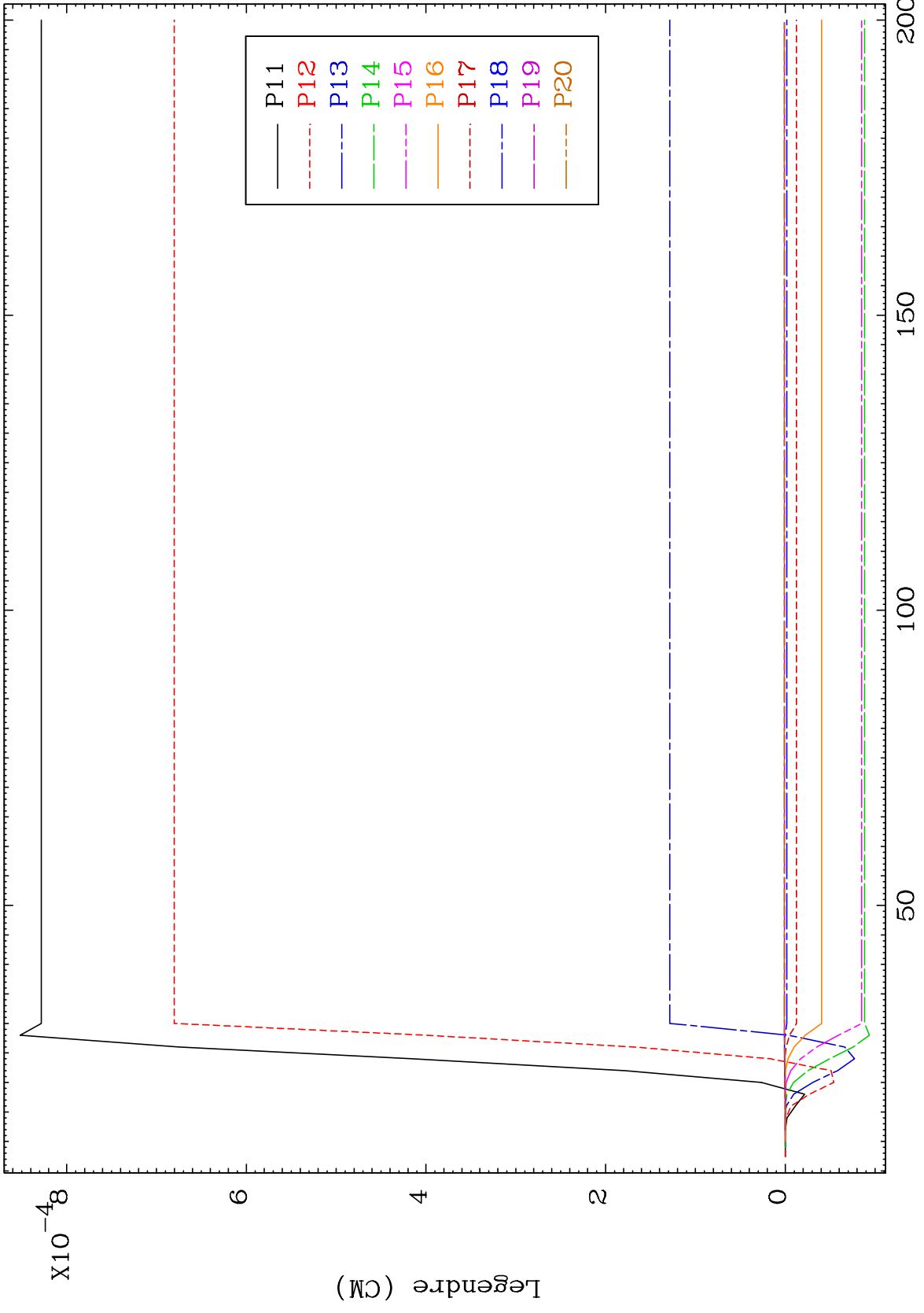


103 20-Ca-47

MAT 2046 MT= 79 (n,n') Level Legendre Coefficients 20-Ca-47

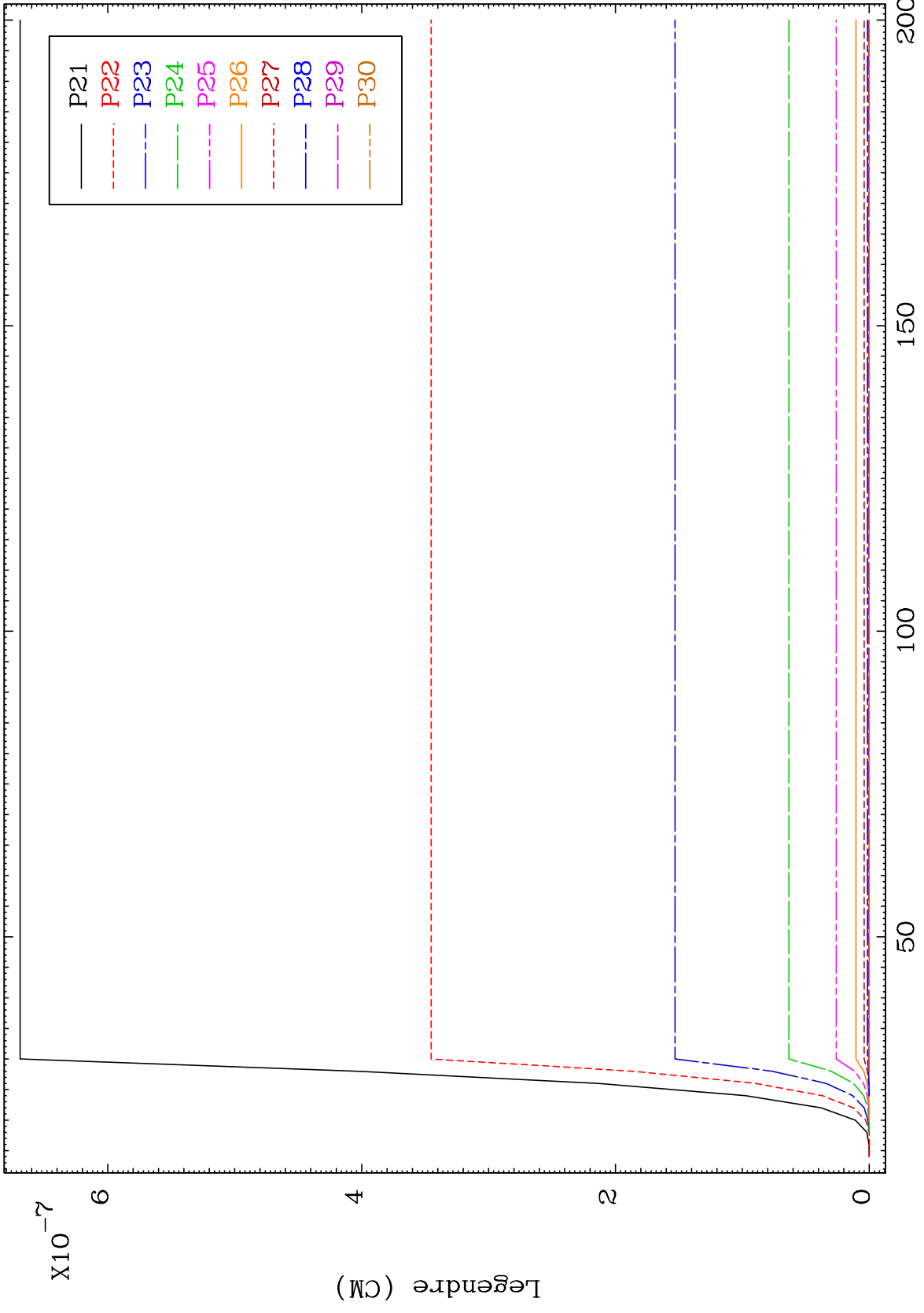


MAT 2046 MT= 80 (n,n') Level Legendre Coefficients 20-Ca-47



106 20-Ca-47

MAT 2046 MT= 80 (n, n') Level Legendre Coefficients 20-Ca-47



107 50 100 150 200 20-Ca-47