

Program EVALPLOT  
(Version 2018-1)

by

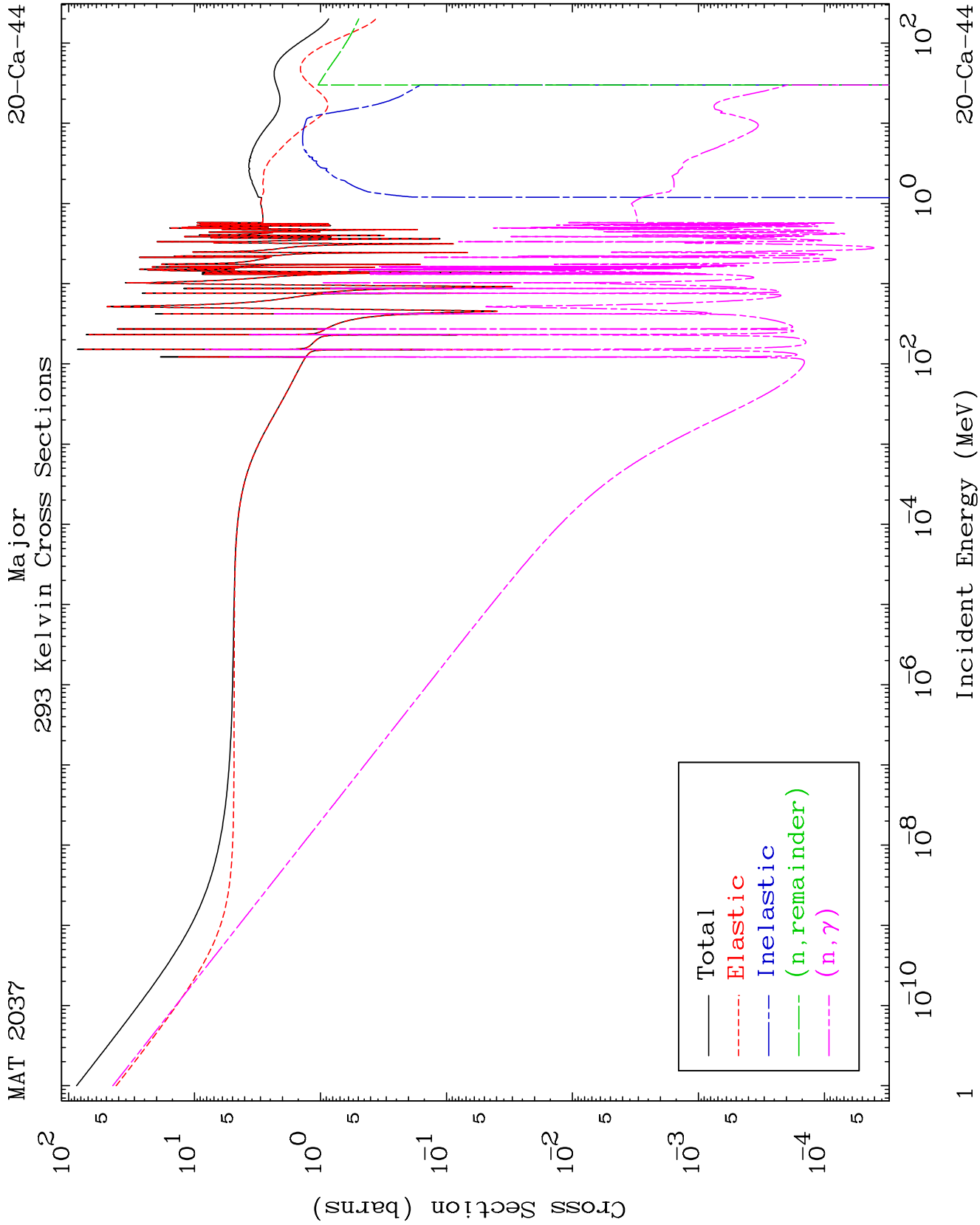
Dermott E. Cullen  
(Present Contact Information)

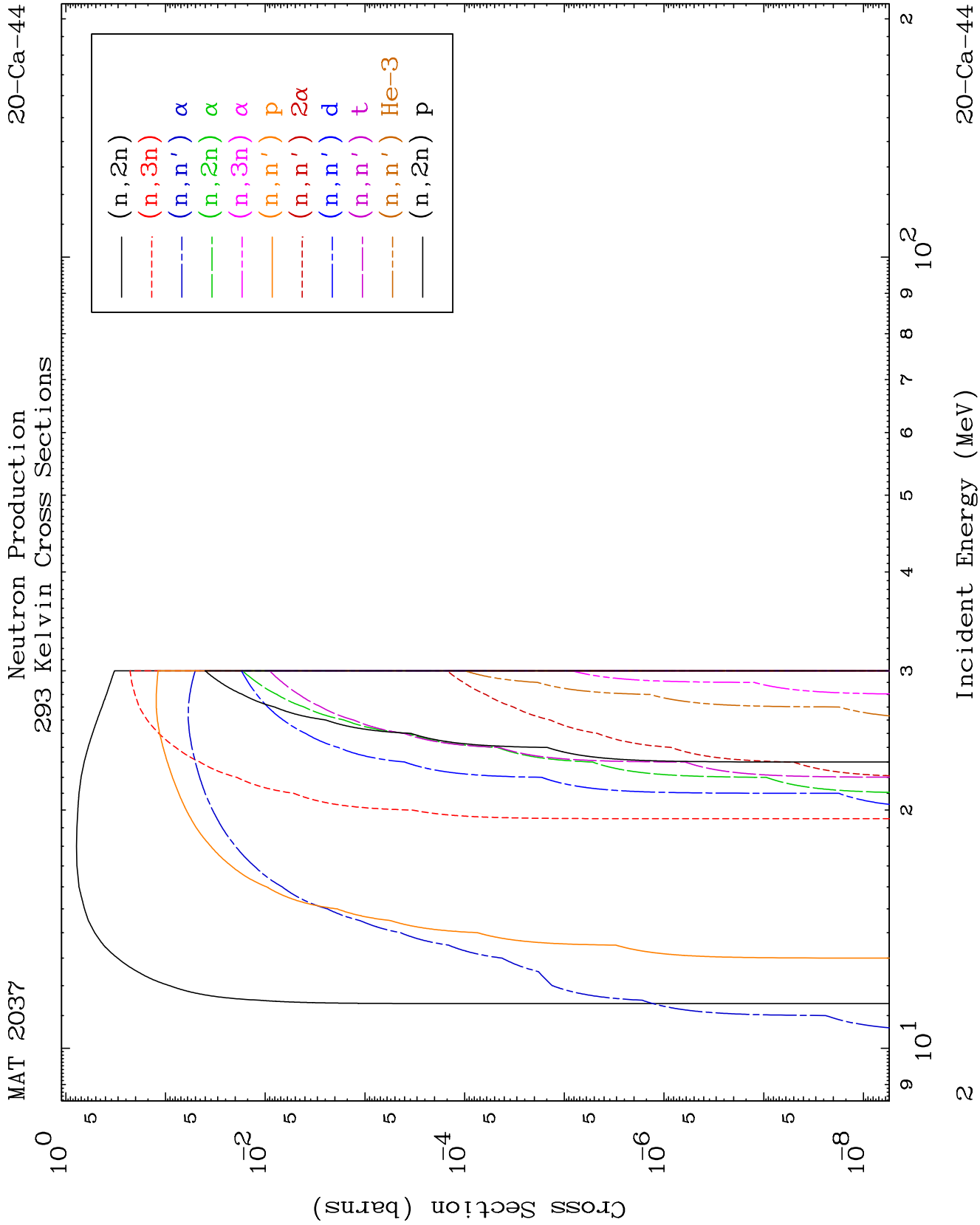
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

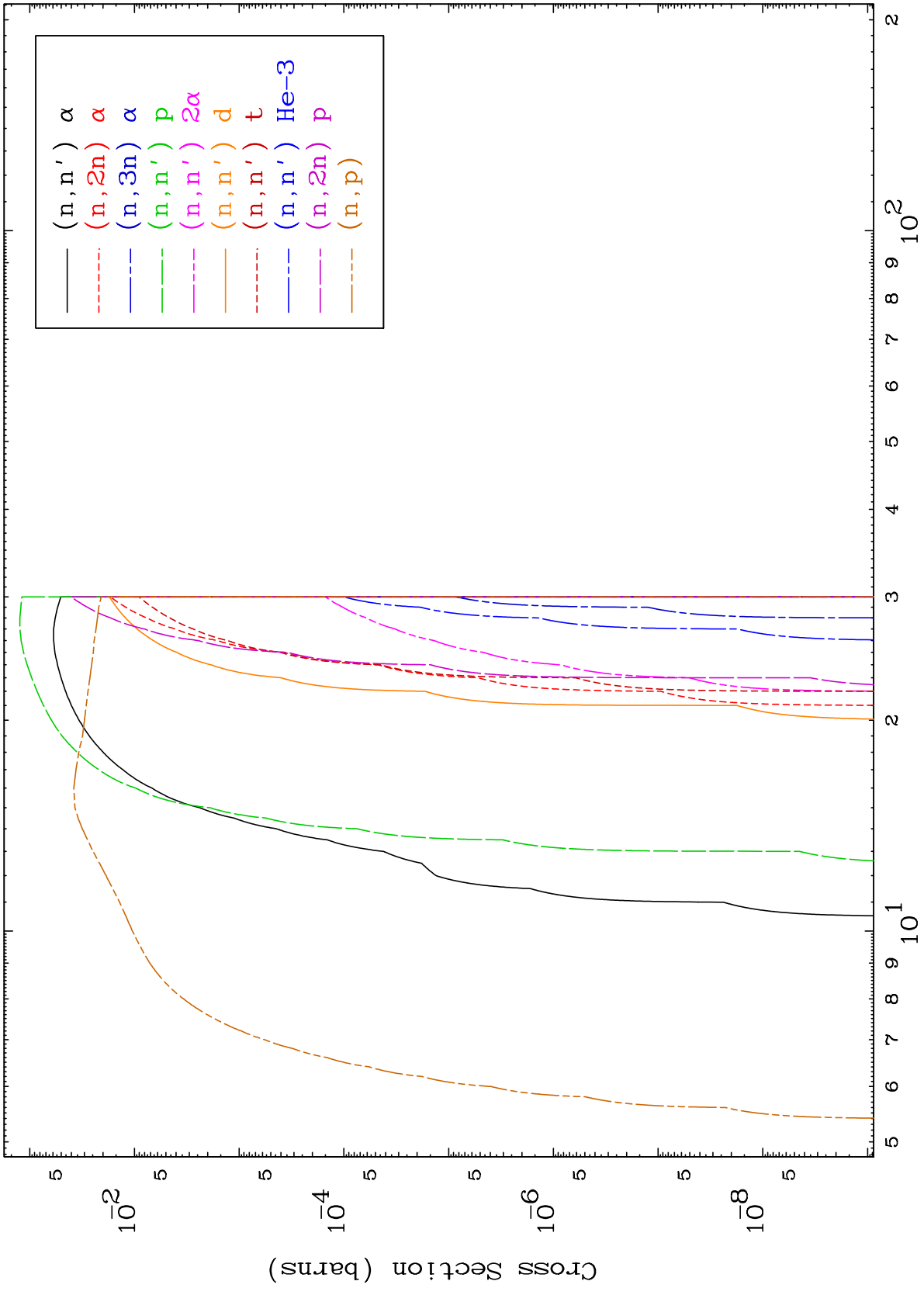




MAT 2037

Charged Particle  
293 Kelvin Cross Sections

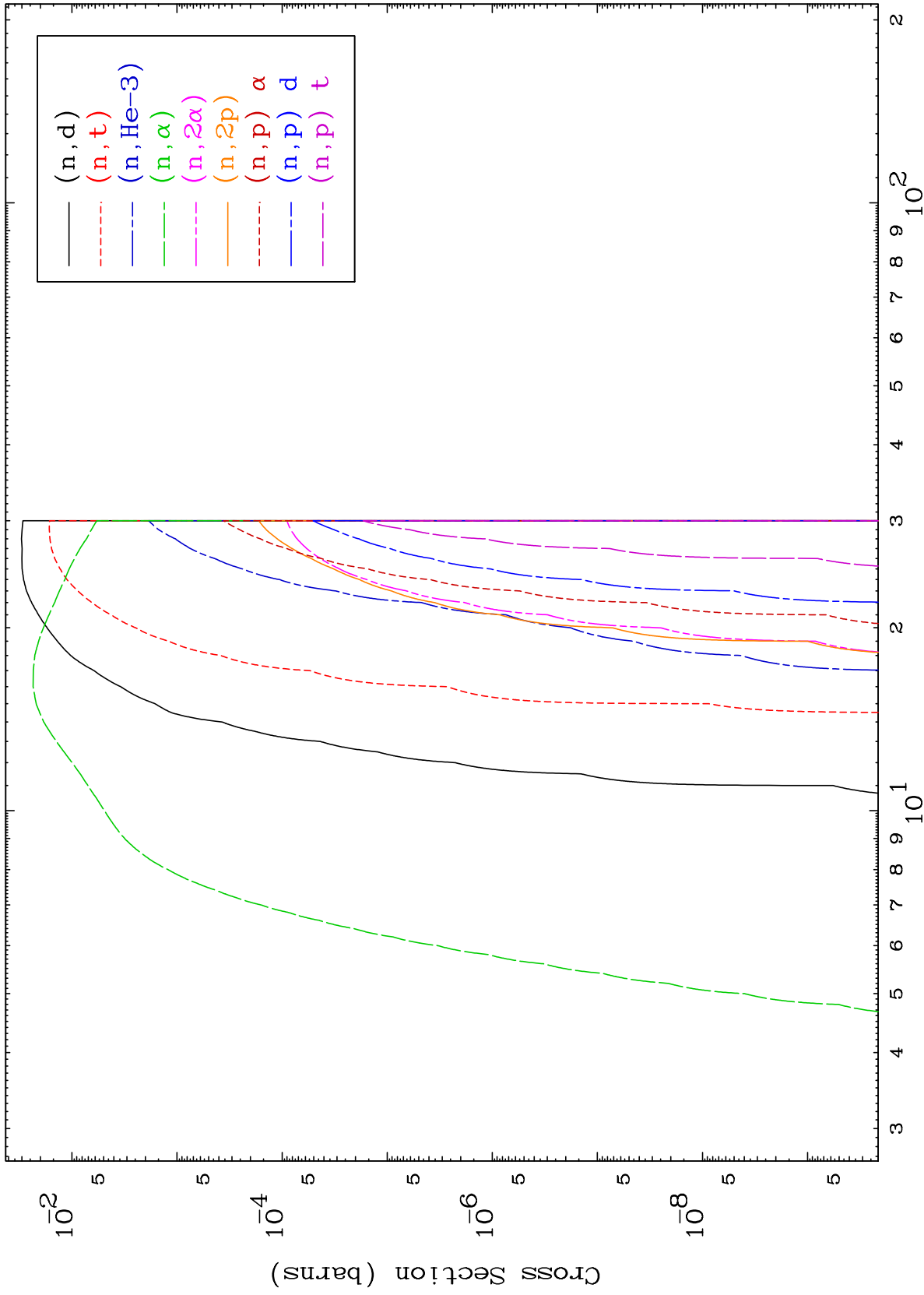
20-Ca-44



3

Incident Energy (MeV)

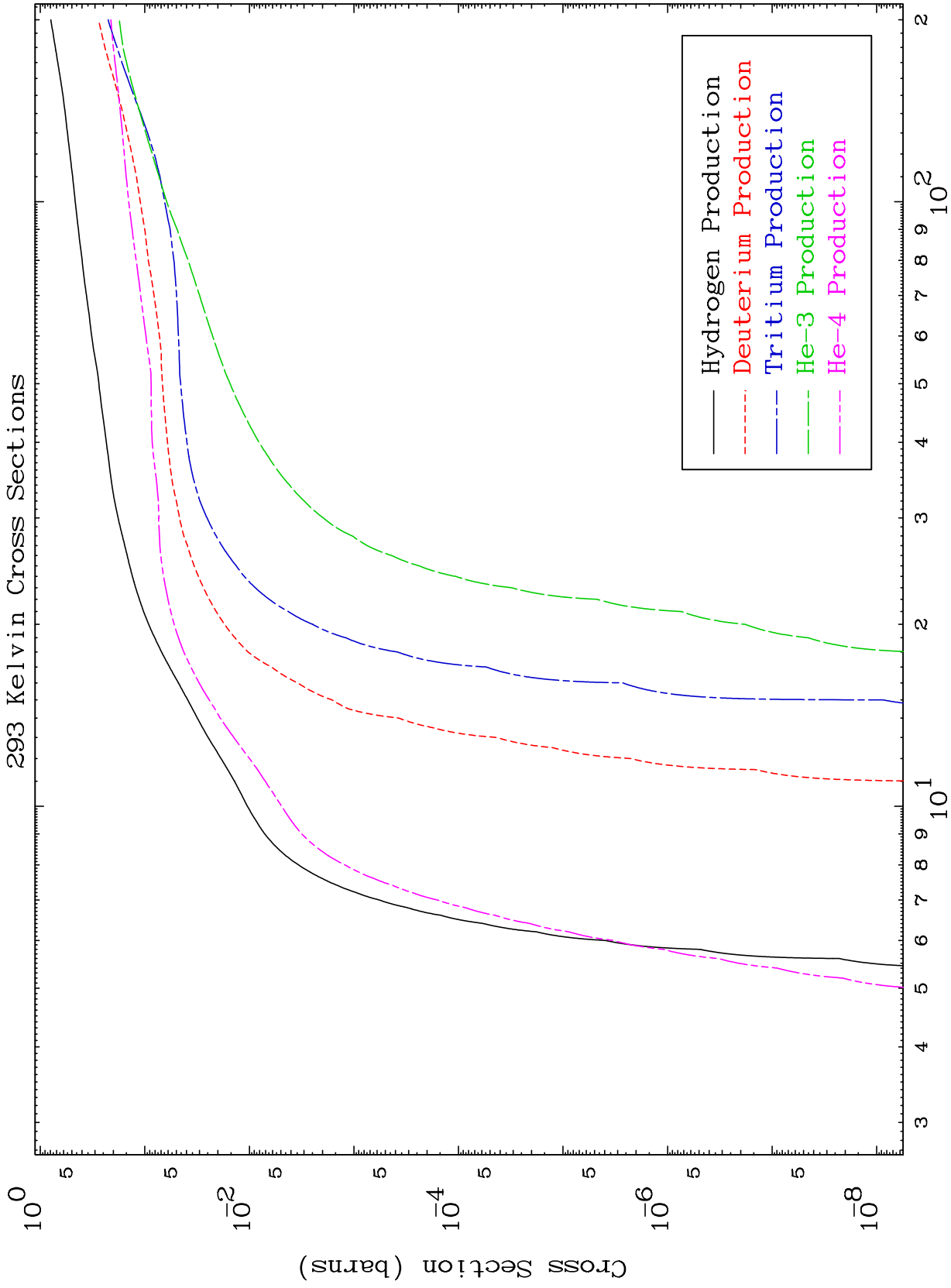
20-Ca-44



MAT 2037

Particle Production  
293 Kelvin Cross Sections

20-Ca-44

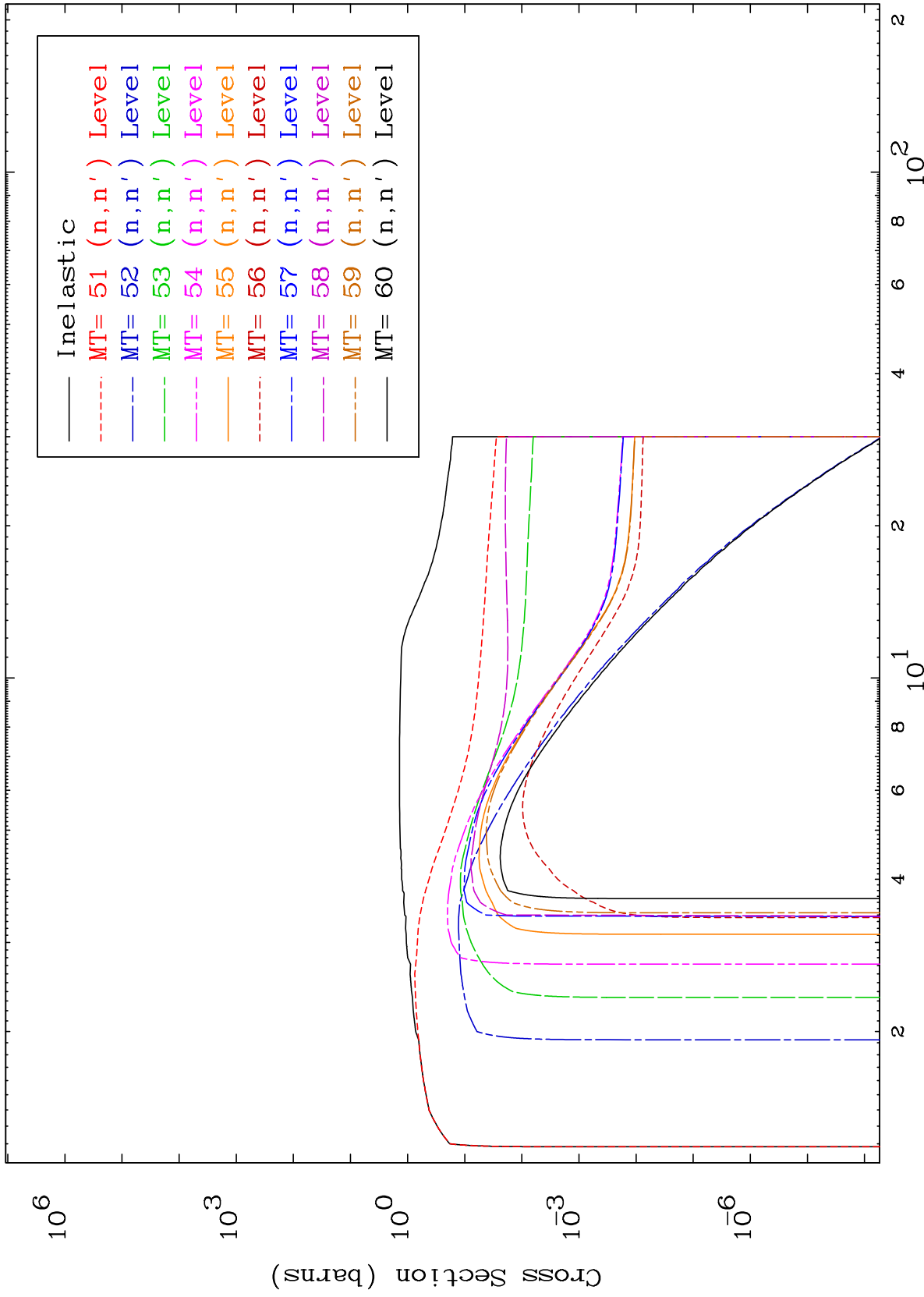


5

Incident Energy (MeV)

20-Ca-44

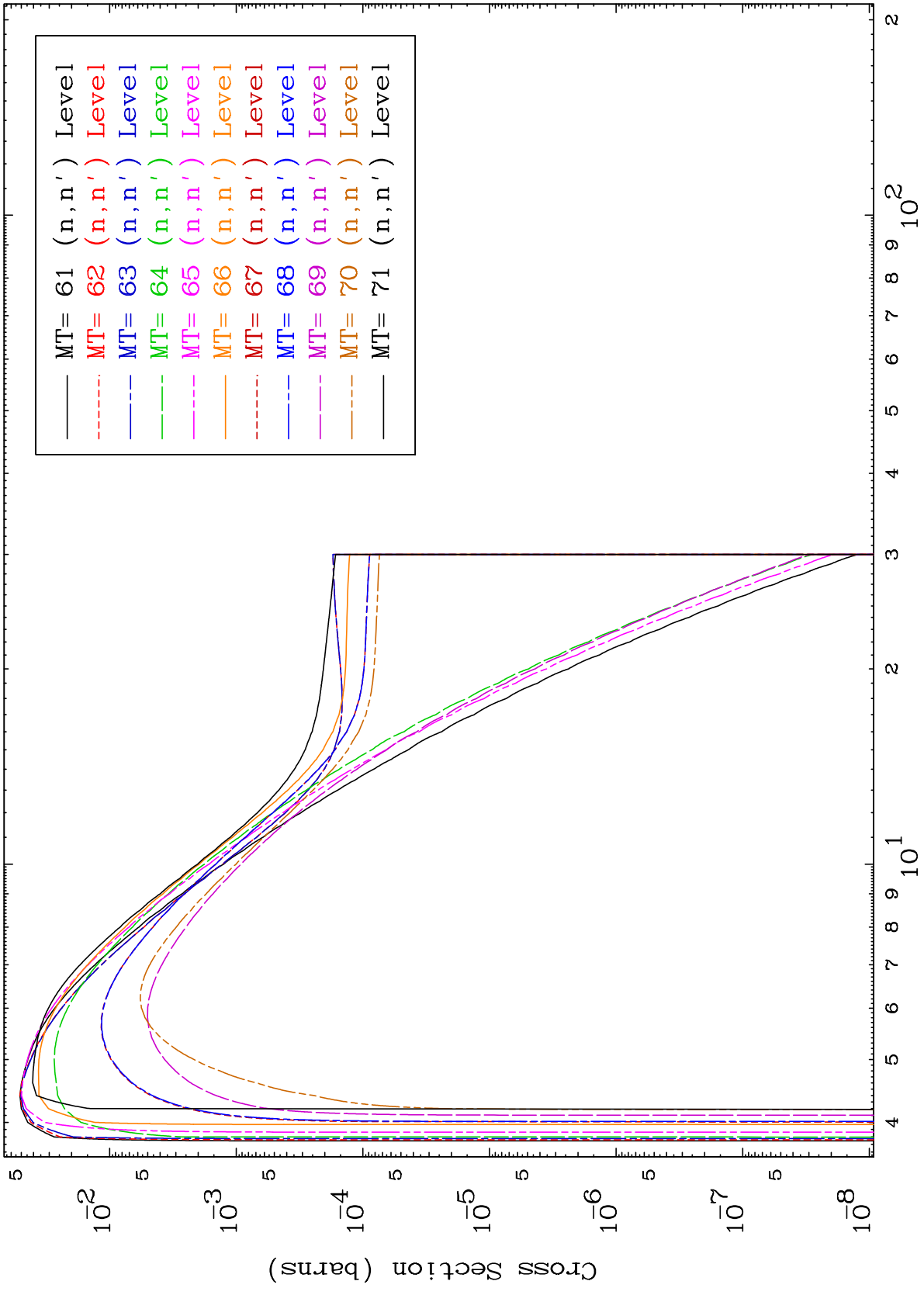
293 Kelvin Cross Sections



MAT 2037

(n,n') Level  
293 Kelvin Cross Sections

20-Ca-44



7

Incident Energy (MeV)

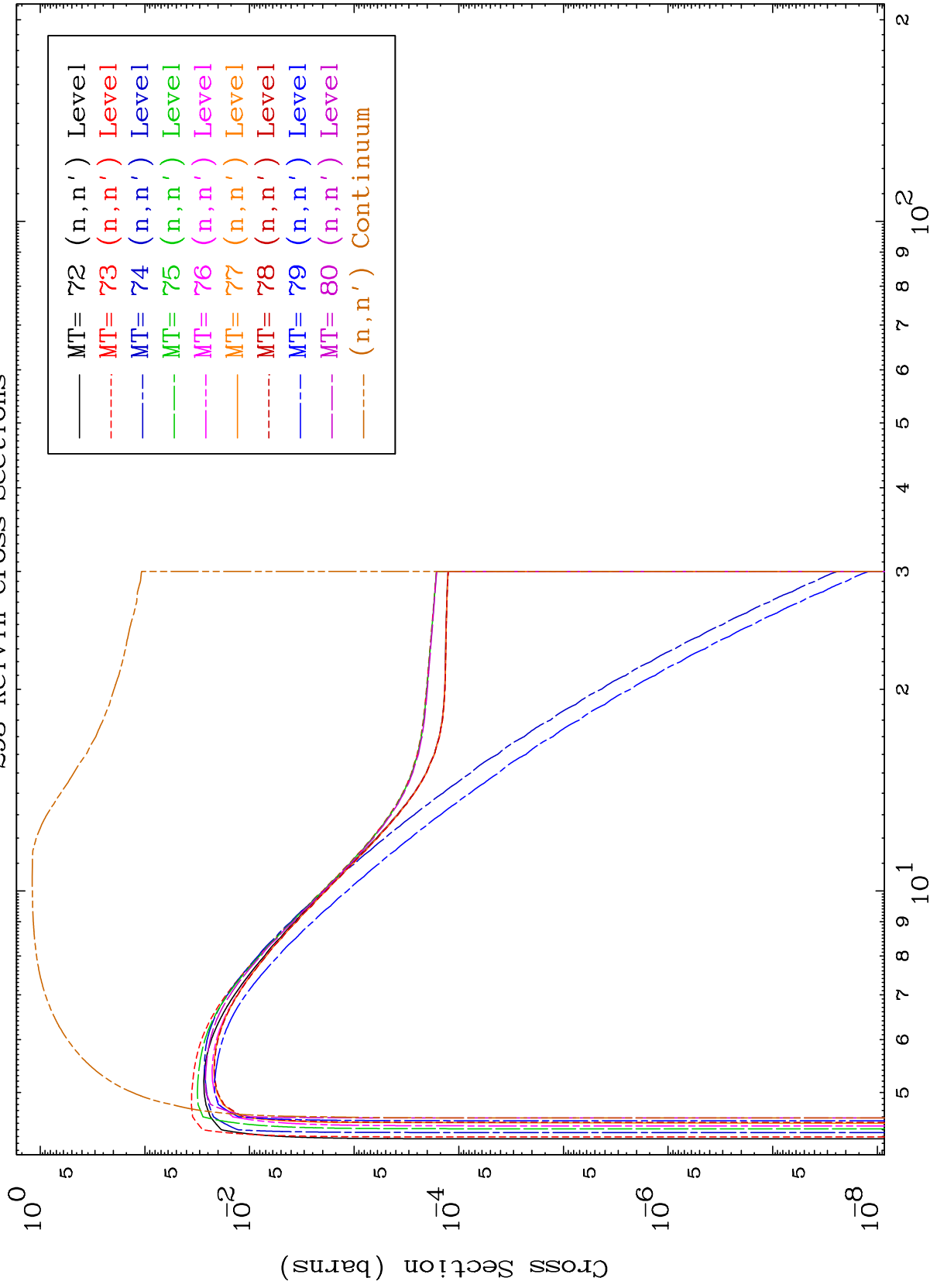
20-Ca-44



MAT 2037

(n,n') Level  
293 Kelvin Cross Sections

20-Ca-44



8

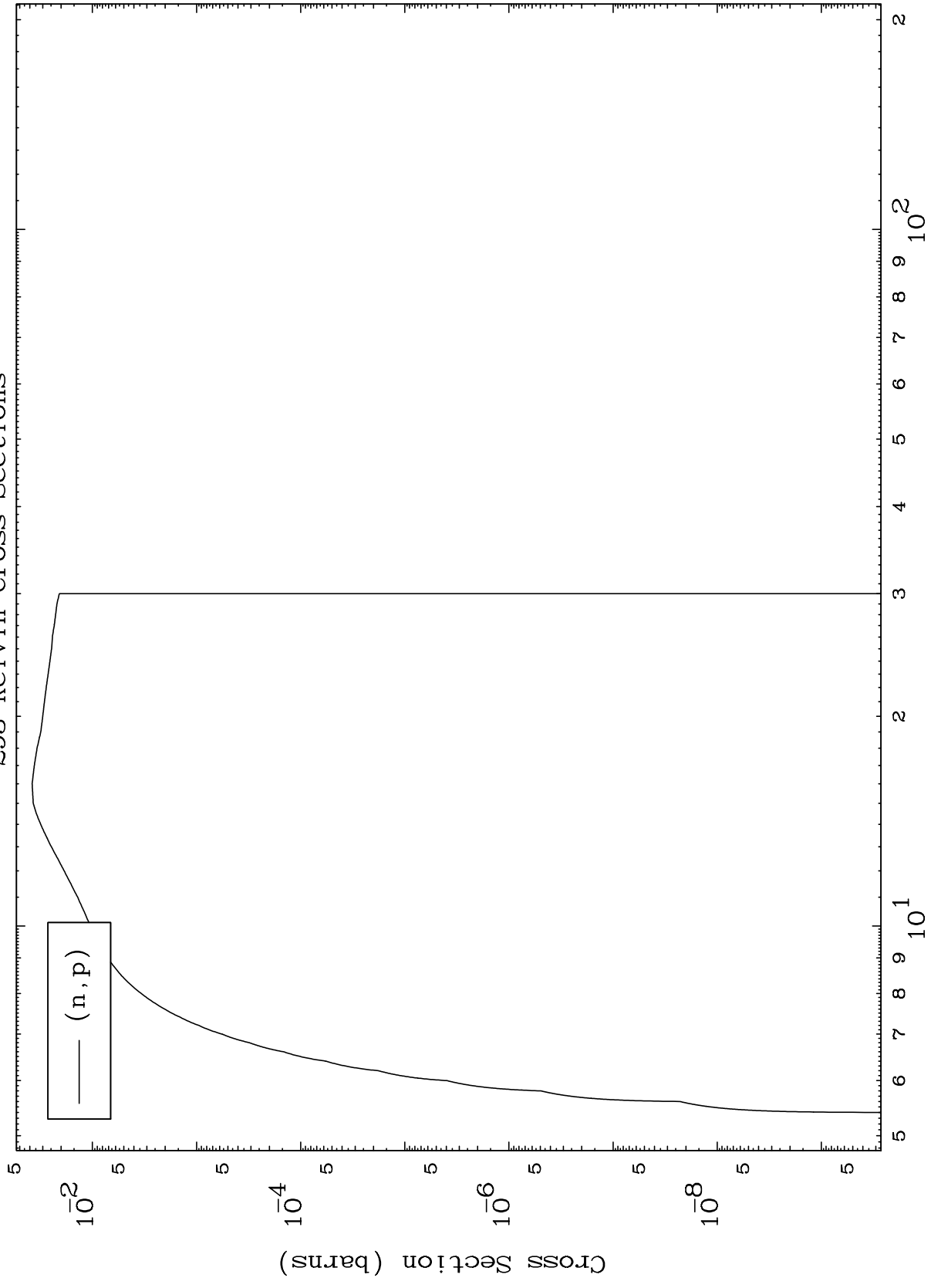
Incident Energy (MeV)

20-Ca-44

MAT 2037

(n,p) Levels  
293 Kelvin Cross Sections

20-Ca-44



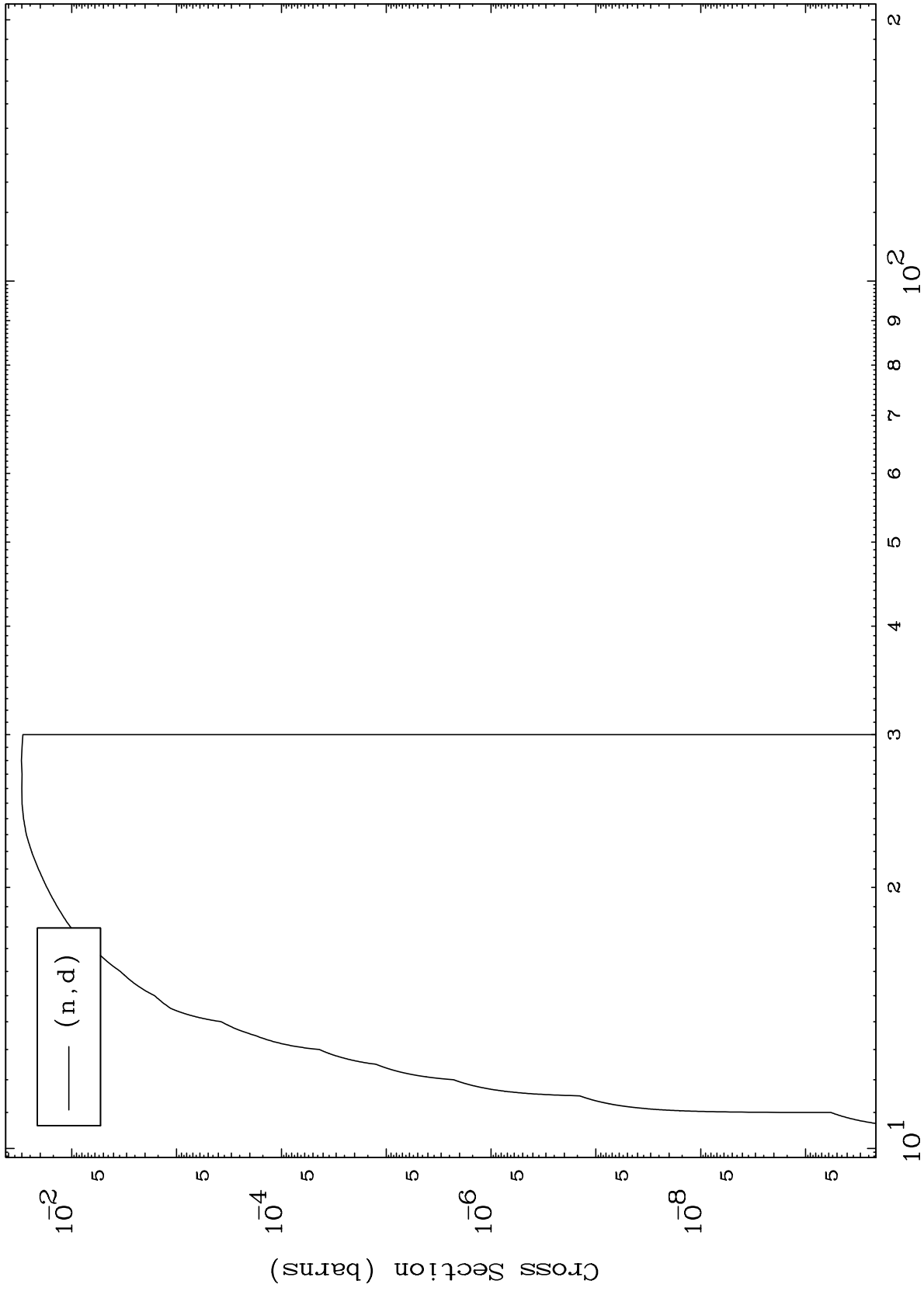
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20-Ca-44

MAT 2037

(n,d) Levels  
293 Kelvin Cross Sections

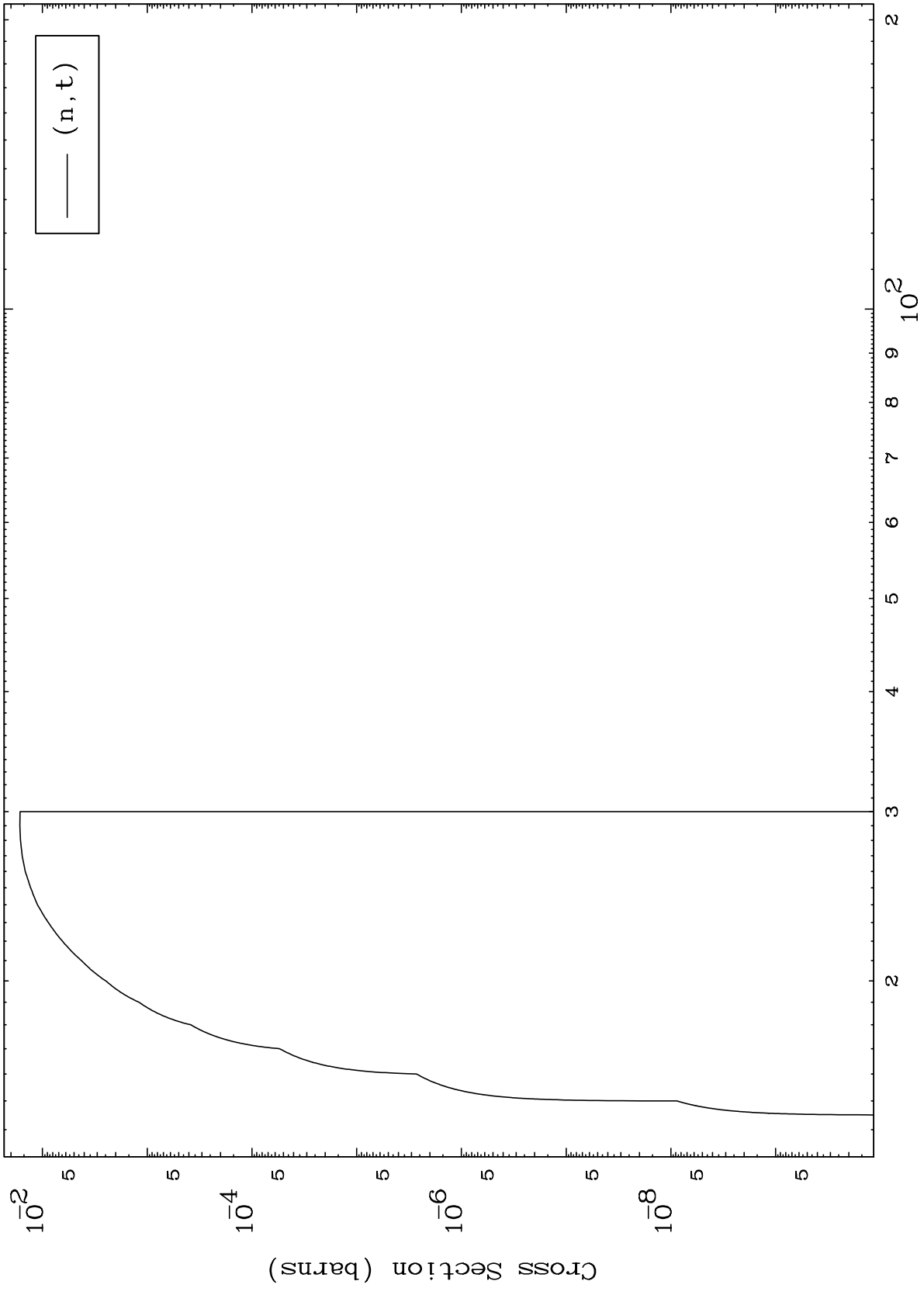
20-Ca-44



MAT 2037

(n,t) Levels  
293 Kelvin Cross Sections

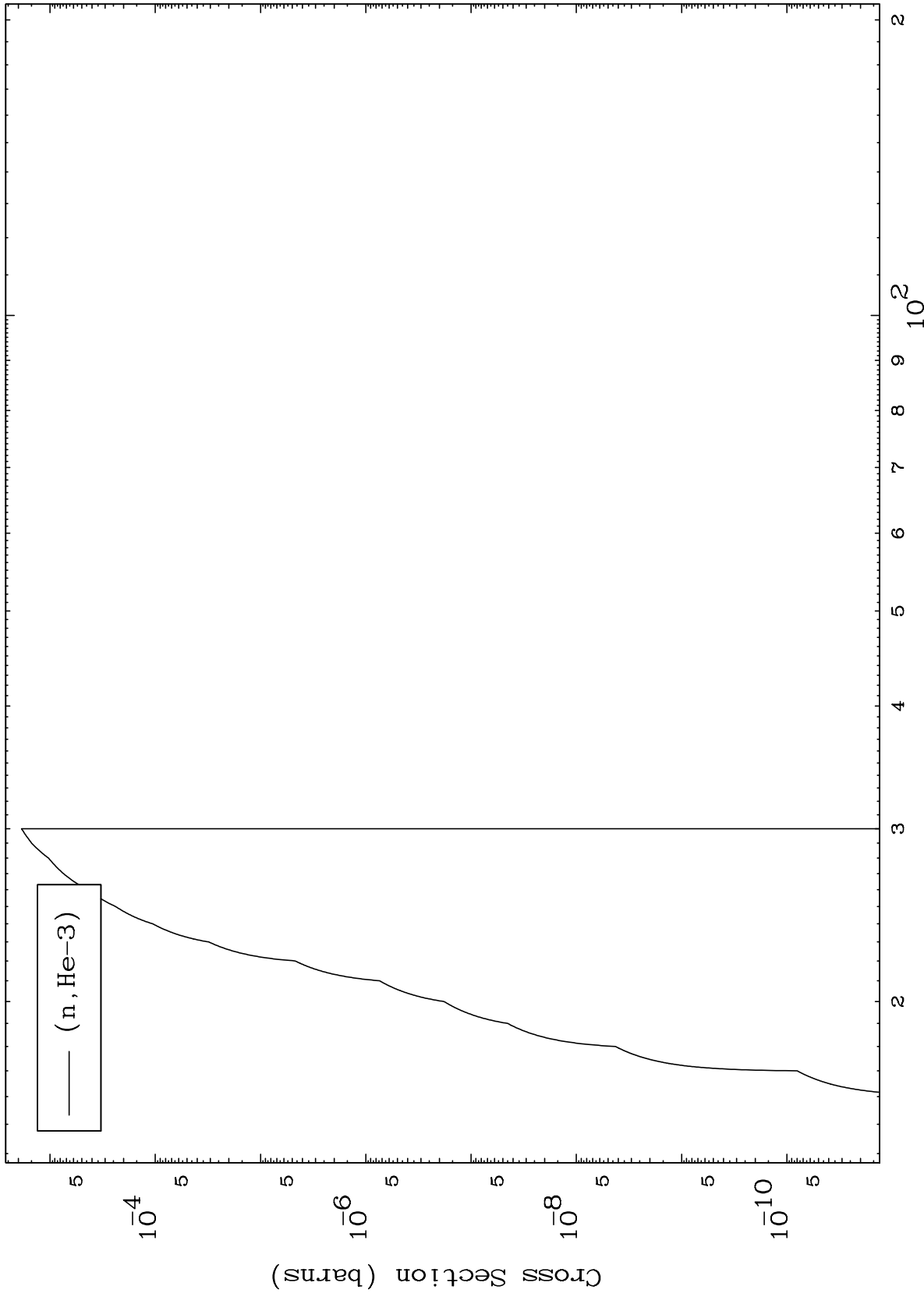
20-Ca-44



11

Incident Energy (MeV)

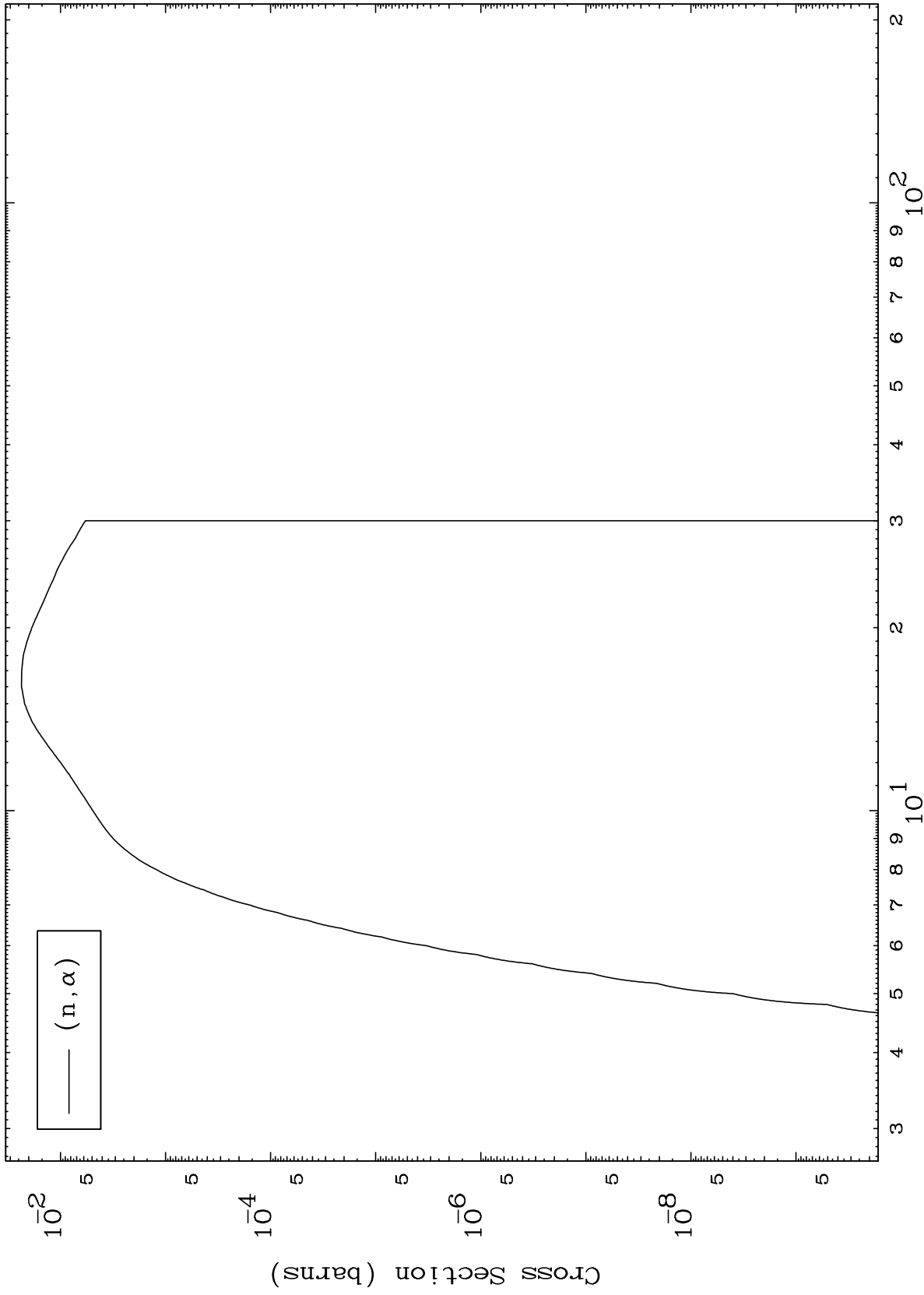
20-Ca-44



MAT 2037

(n,α) Levels  
293 Kelvin Cross Sections

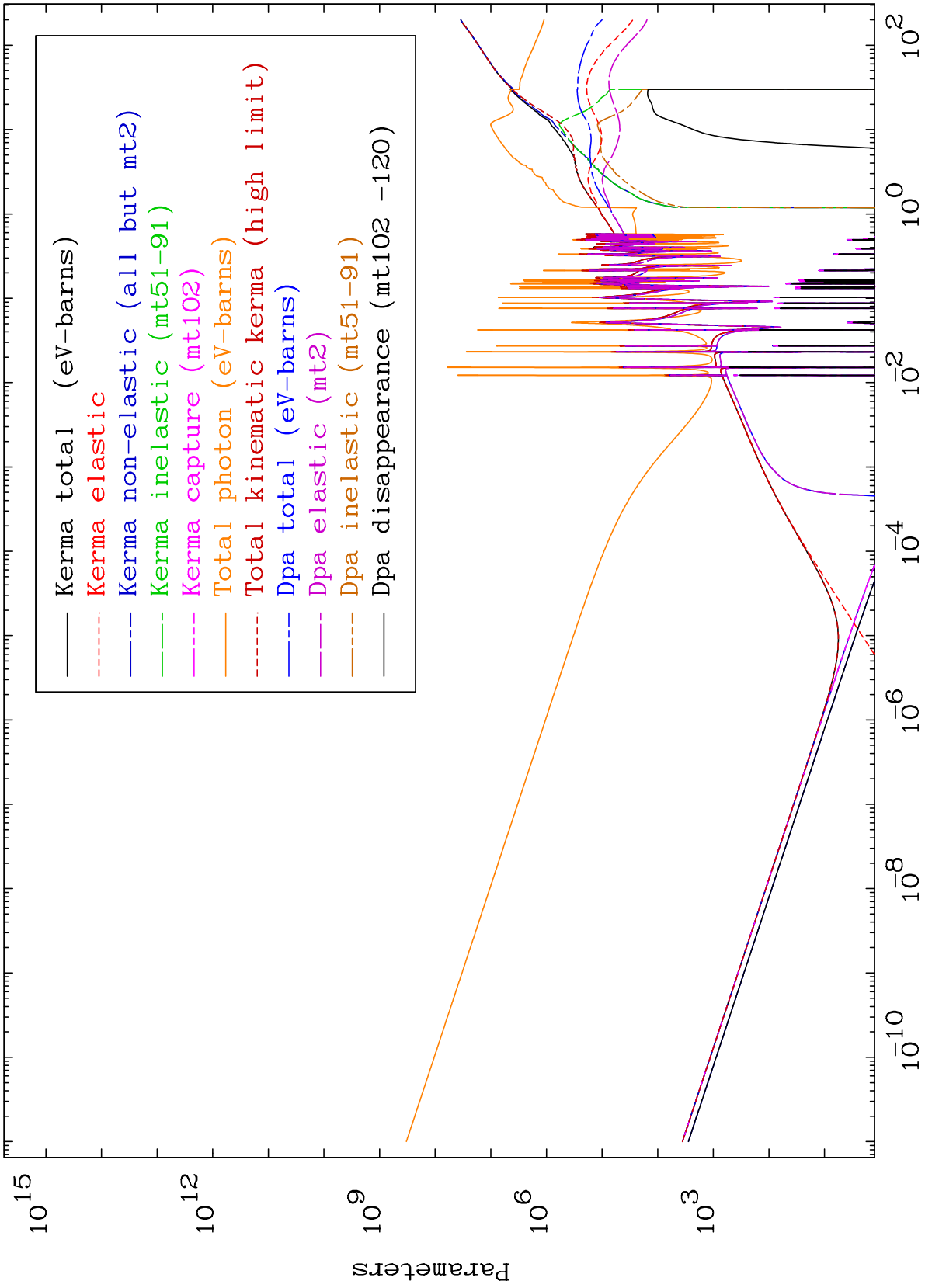
20-Ca-44



13

Incident Energy (MeV)

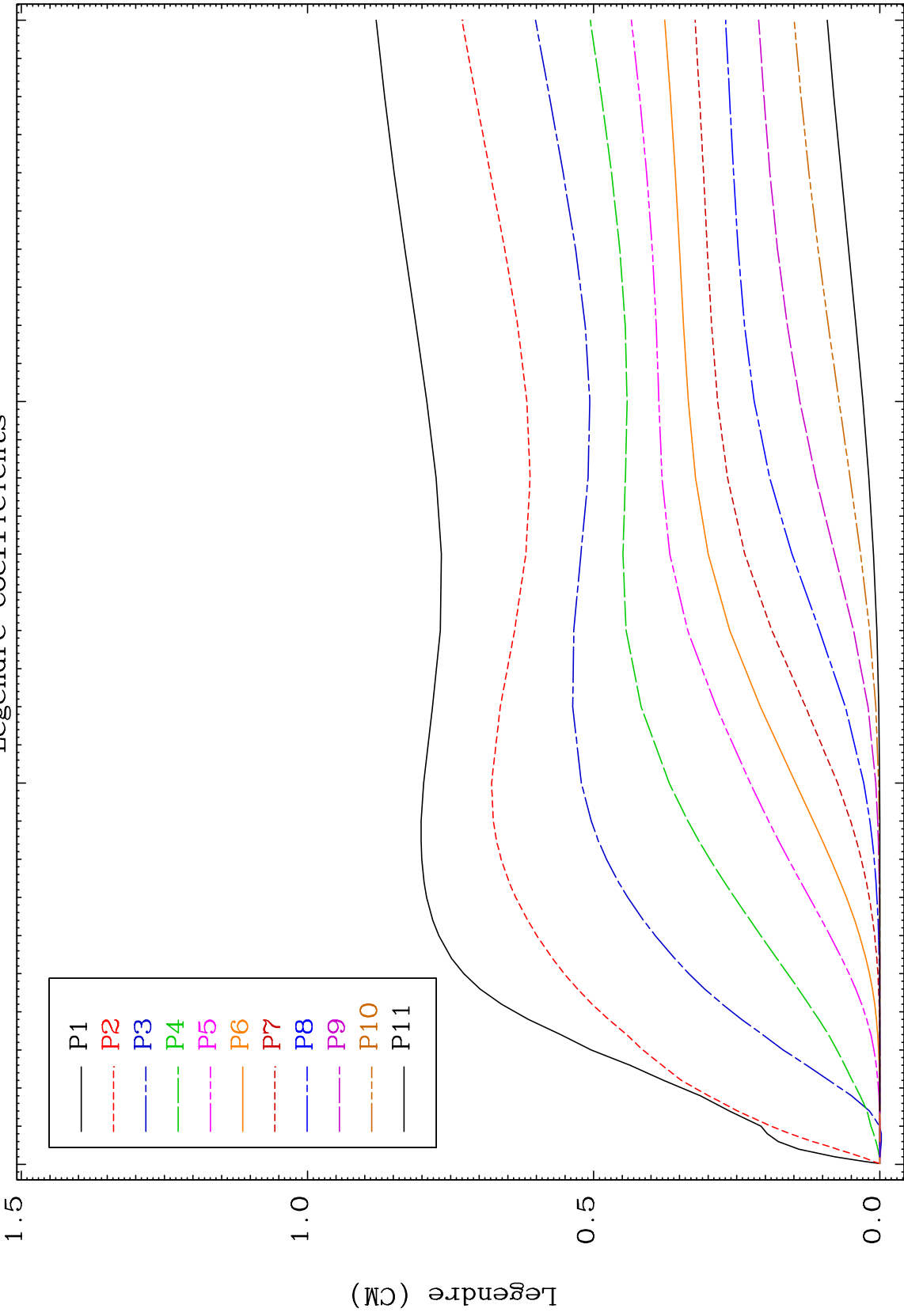
20-Ca-44



MAT 2037

Elastic Legendre Coefficients

20-Ca-44



0

15

10

20

30

Incident Energy (MeV)

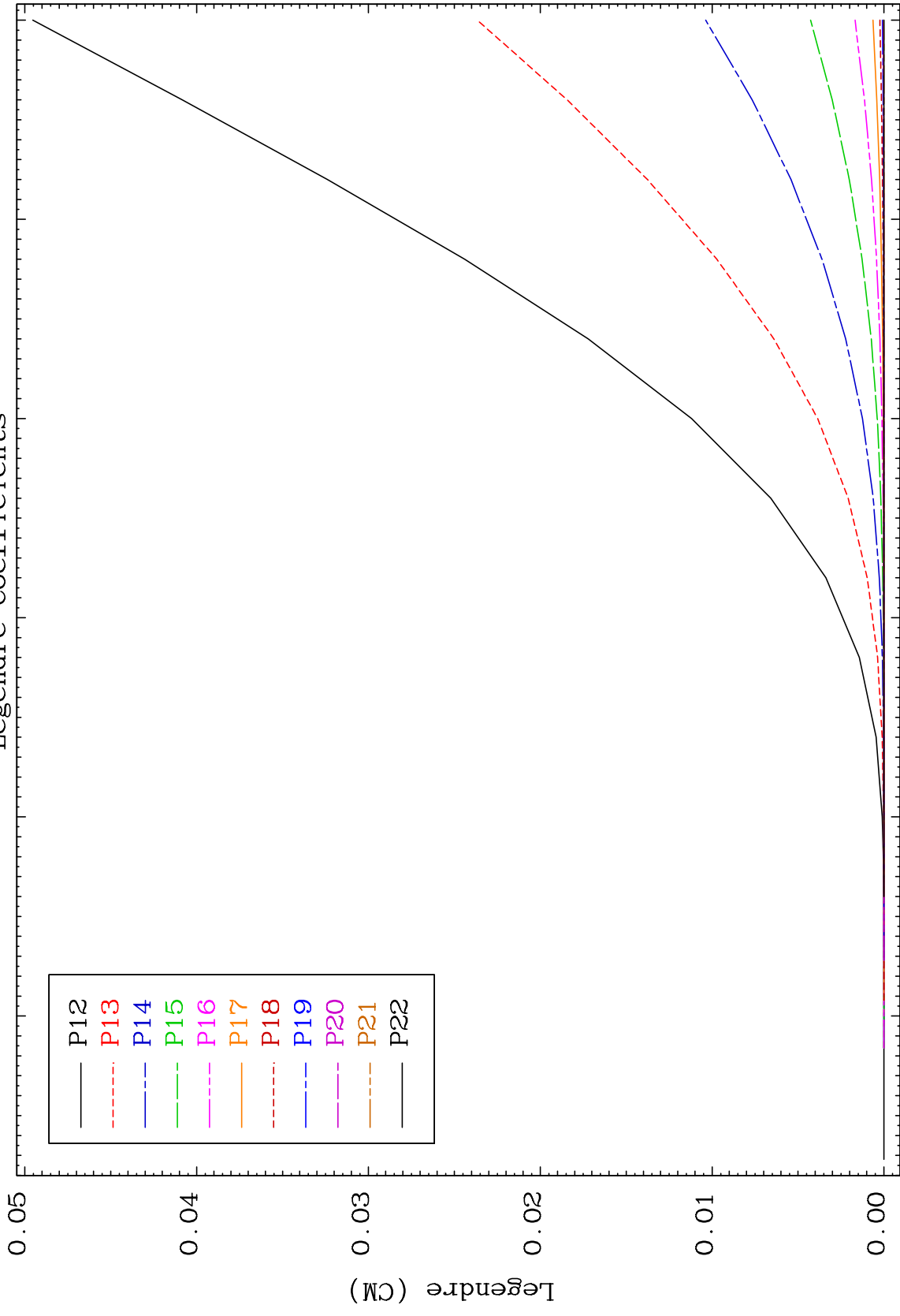
20-Ca-44



MAT 2037

Elastic Legendre Coefficients

20-Ca-44



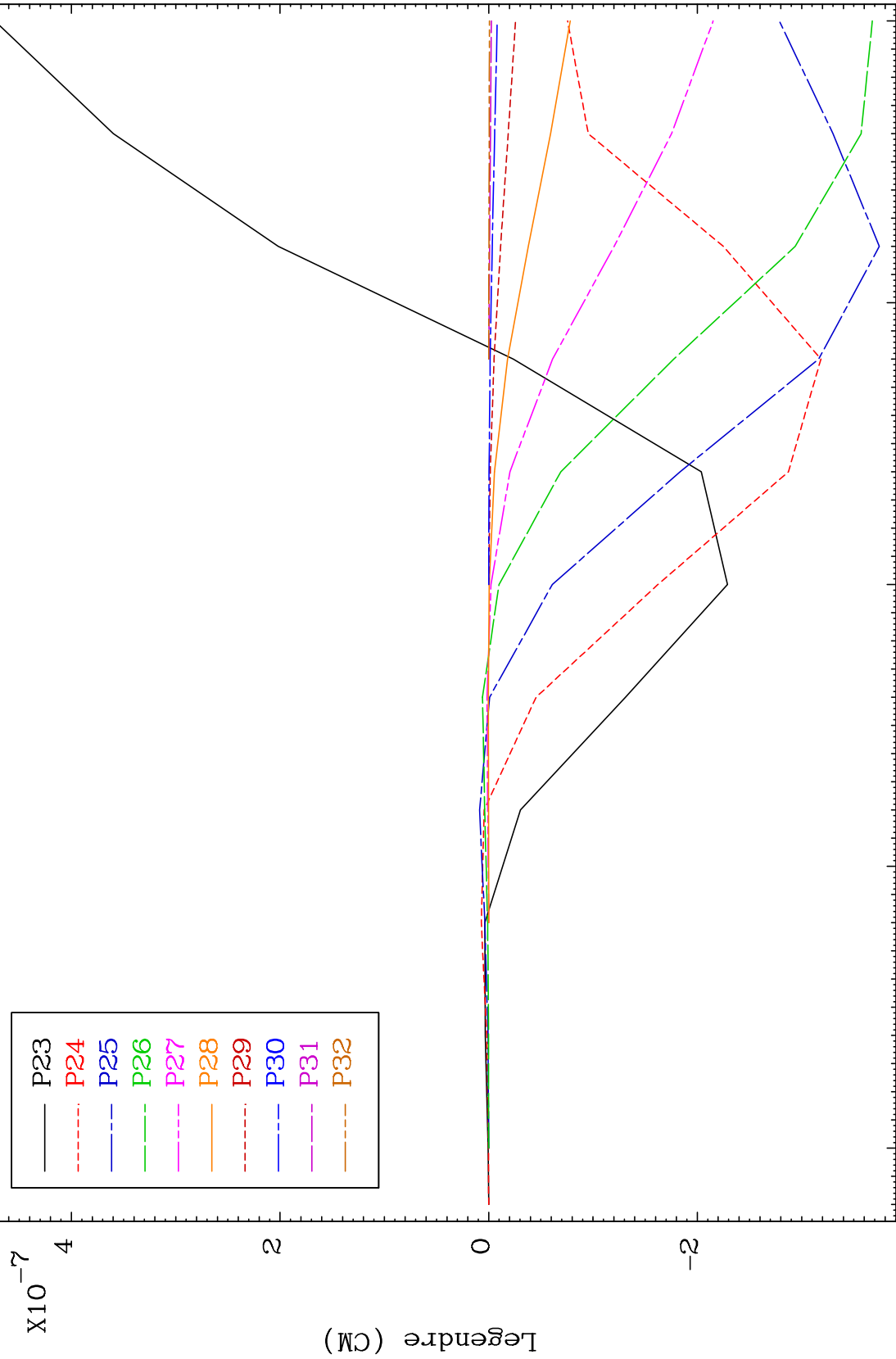
16

20-Ca-44

MAT 2037

Elastic Legendre Coefficients

20-Ca-44



17

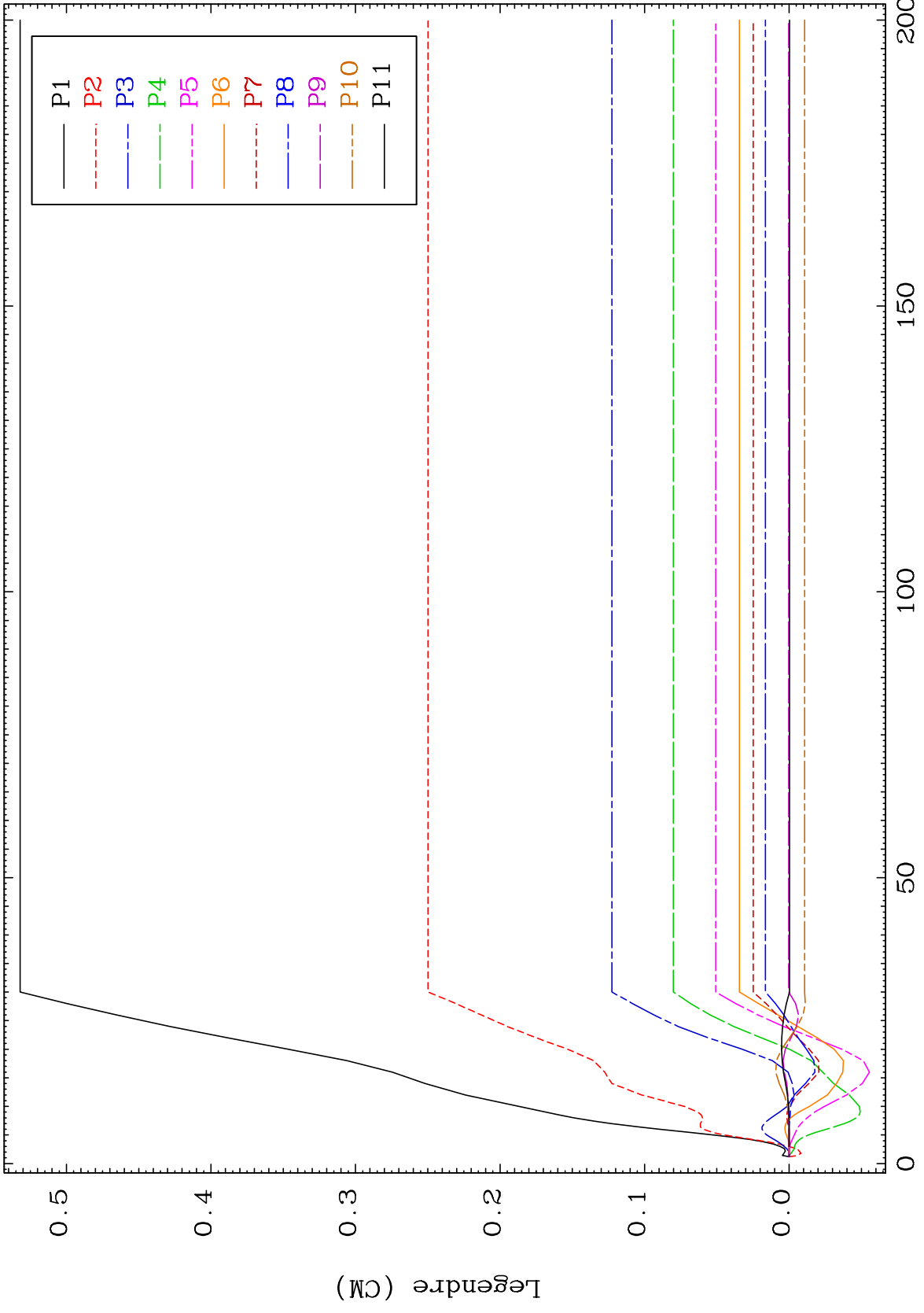
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

20-Ca-44



18

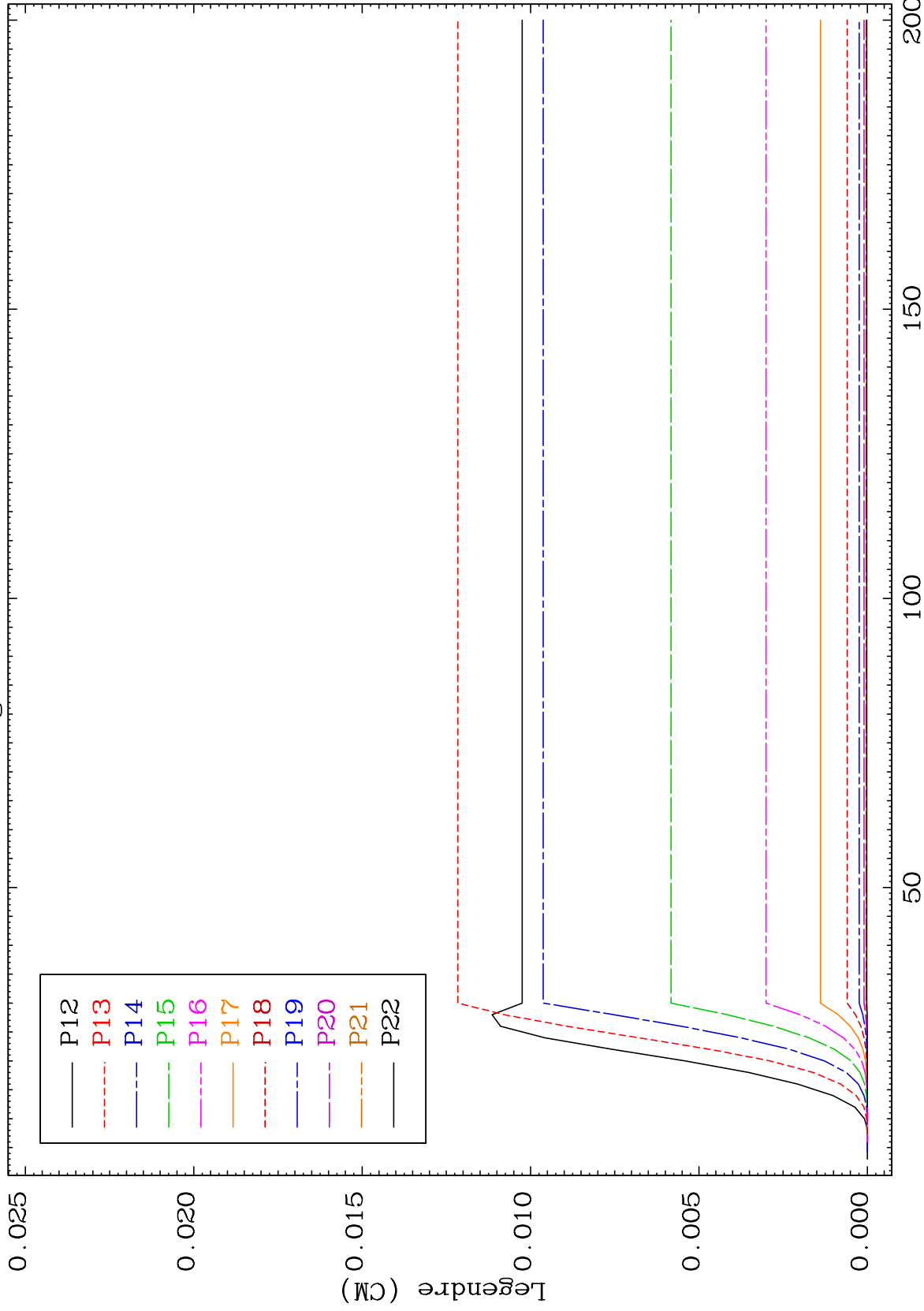
Incident Energy (MeV)

20-Ca-44

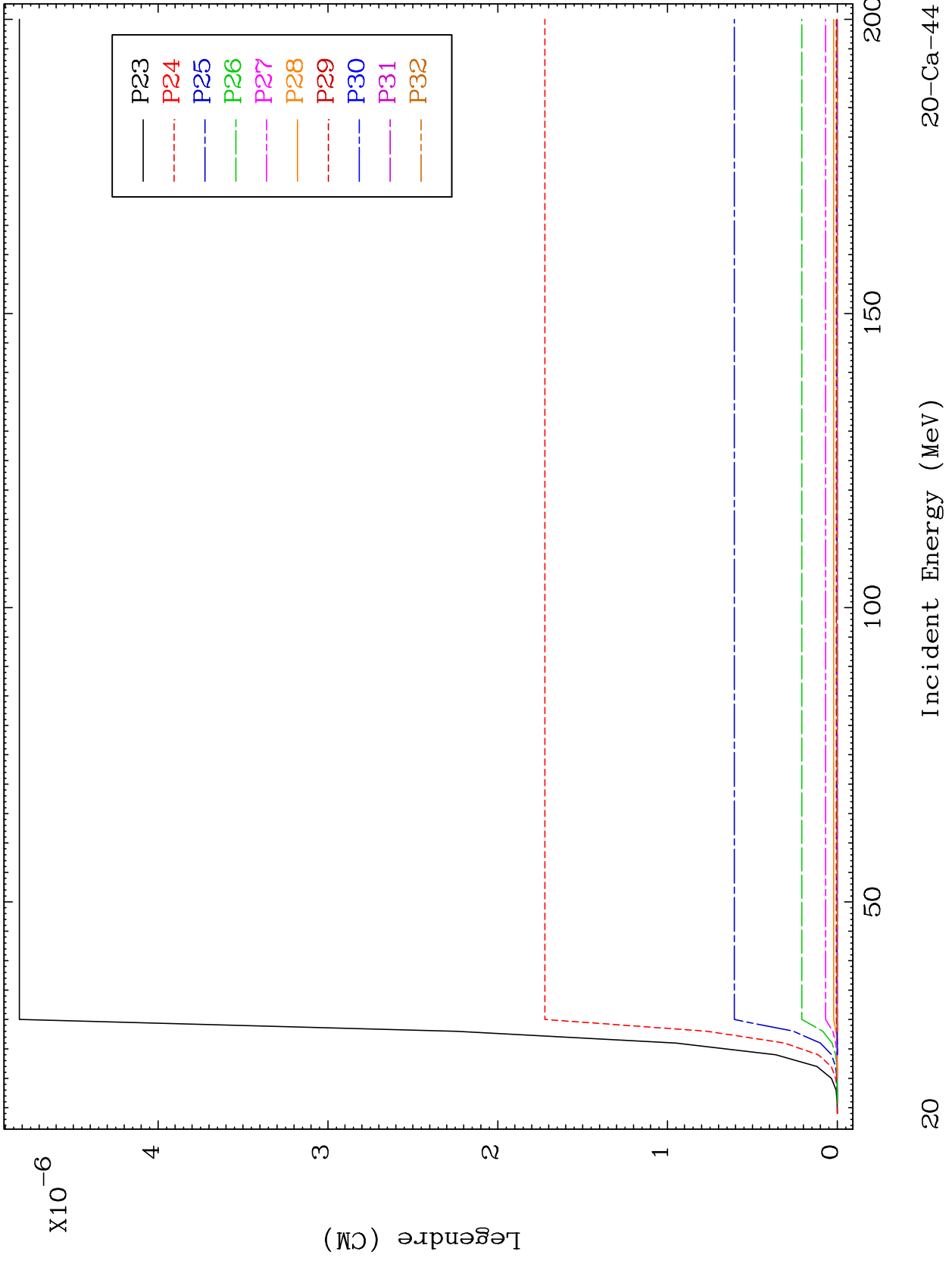
MAT 2037

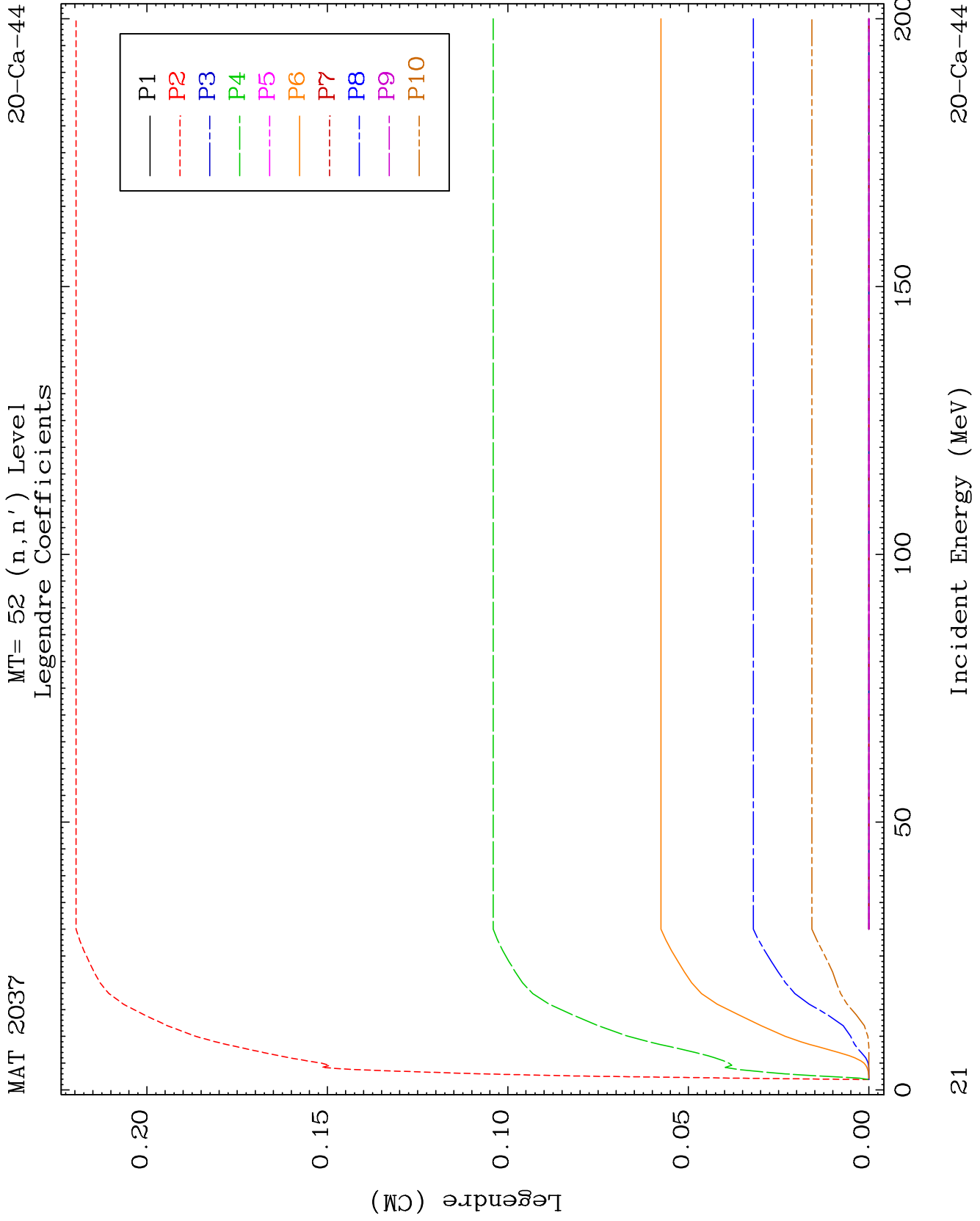
MT= 51 (n,n') Level  
Legendre Coefficients

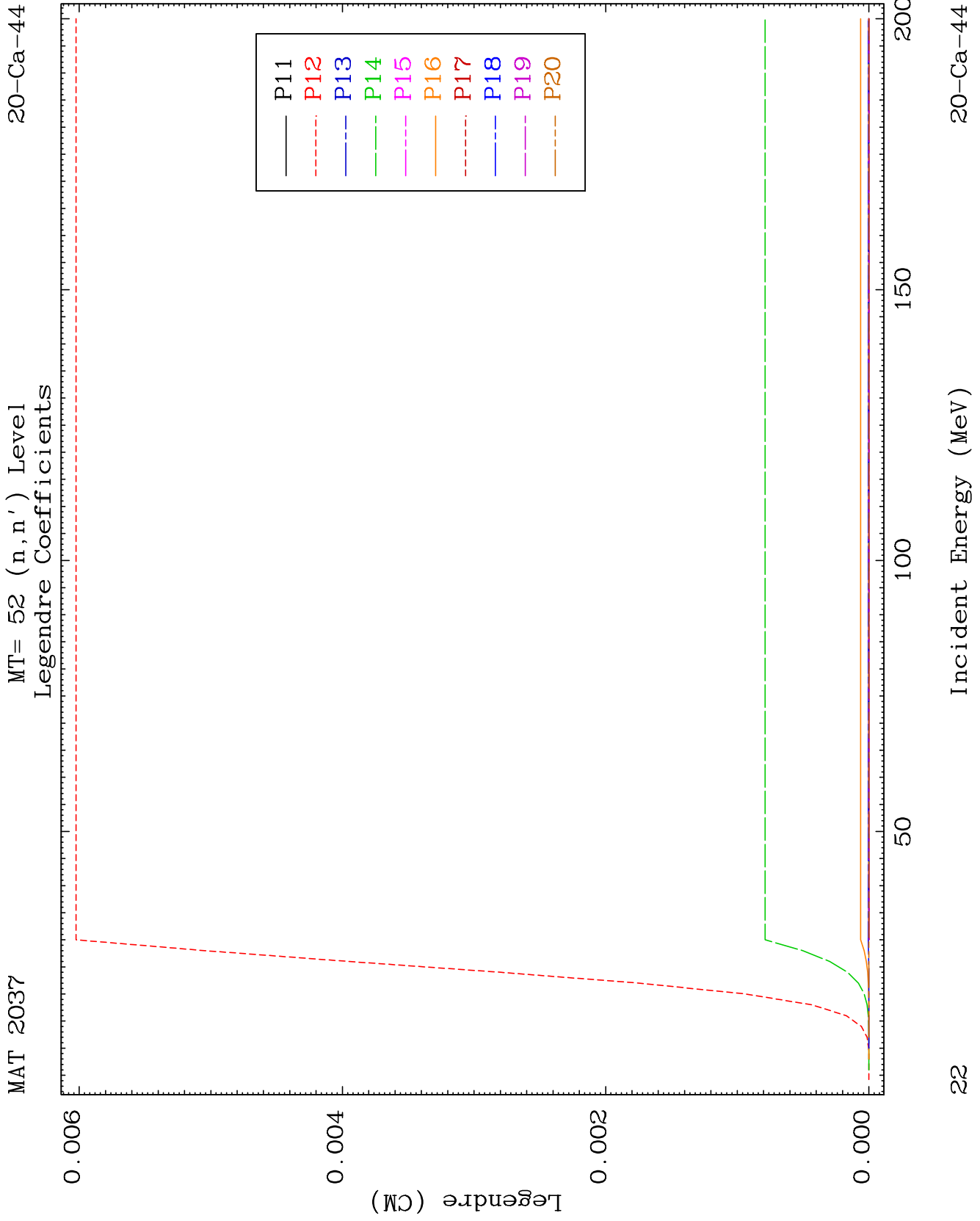
20-Ca-44



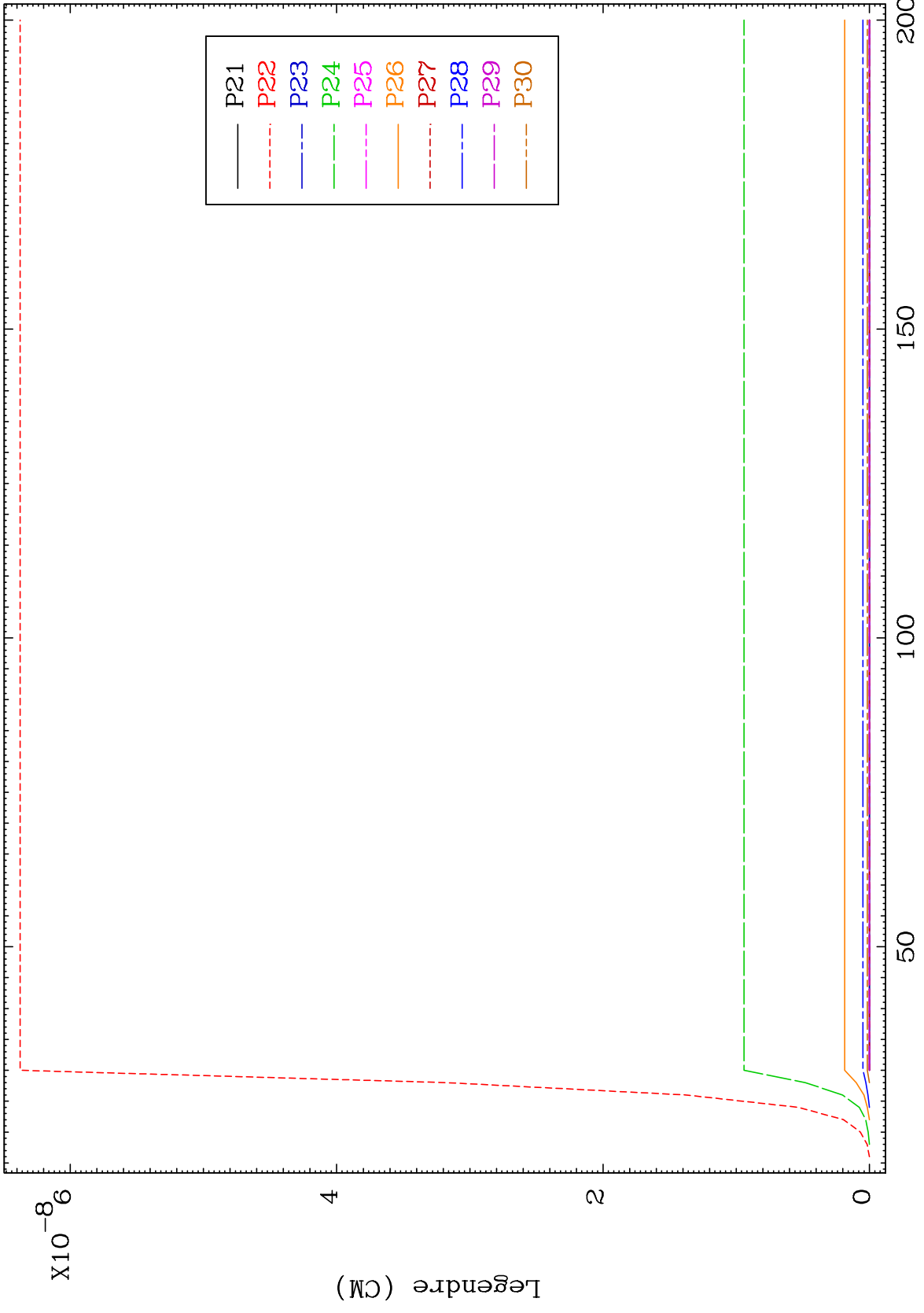
MAT 2037 MT= 51 (n,n') Level Legendre Coefficients 20-Ca-44





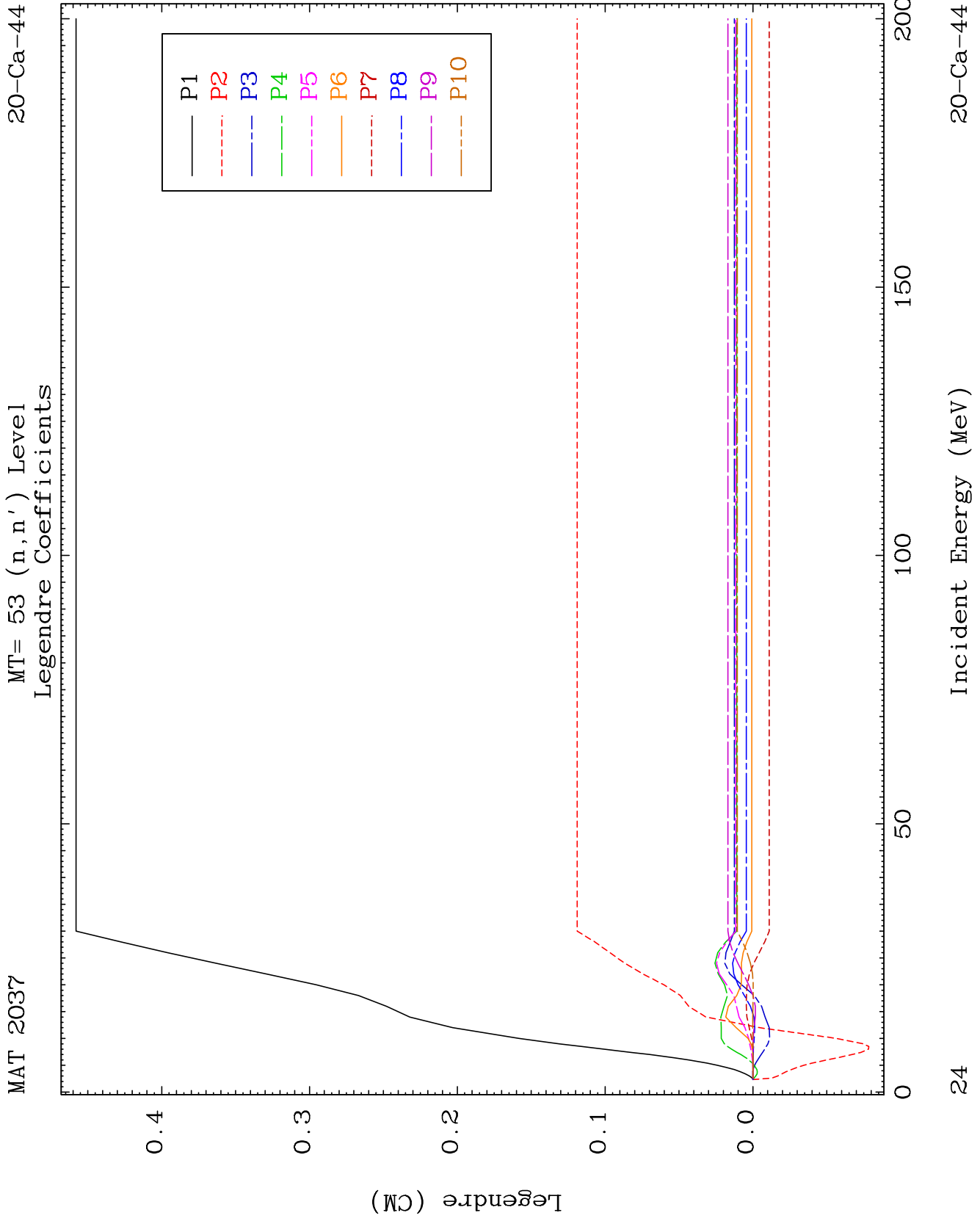


MAT 2037 MT= 52 (n,n') Level Legendre Coefficients 20-Ca-44



23 20-Ca-44

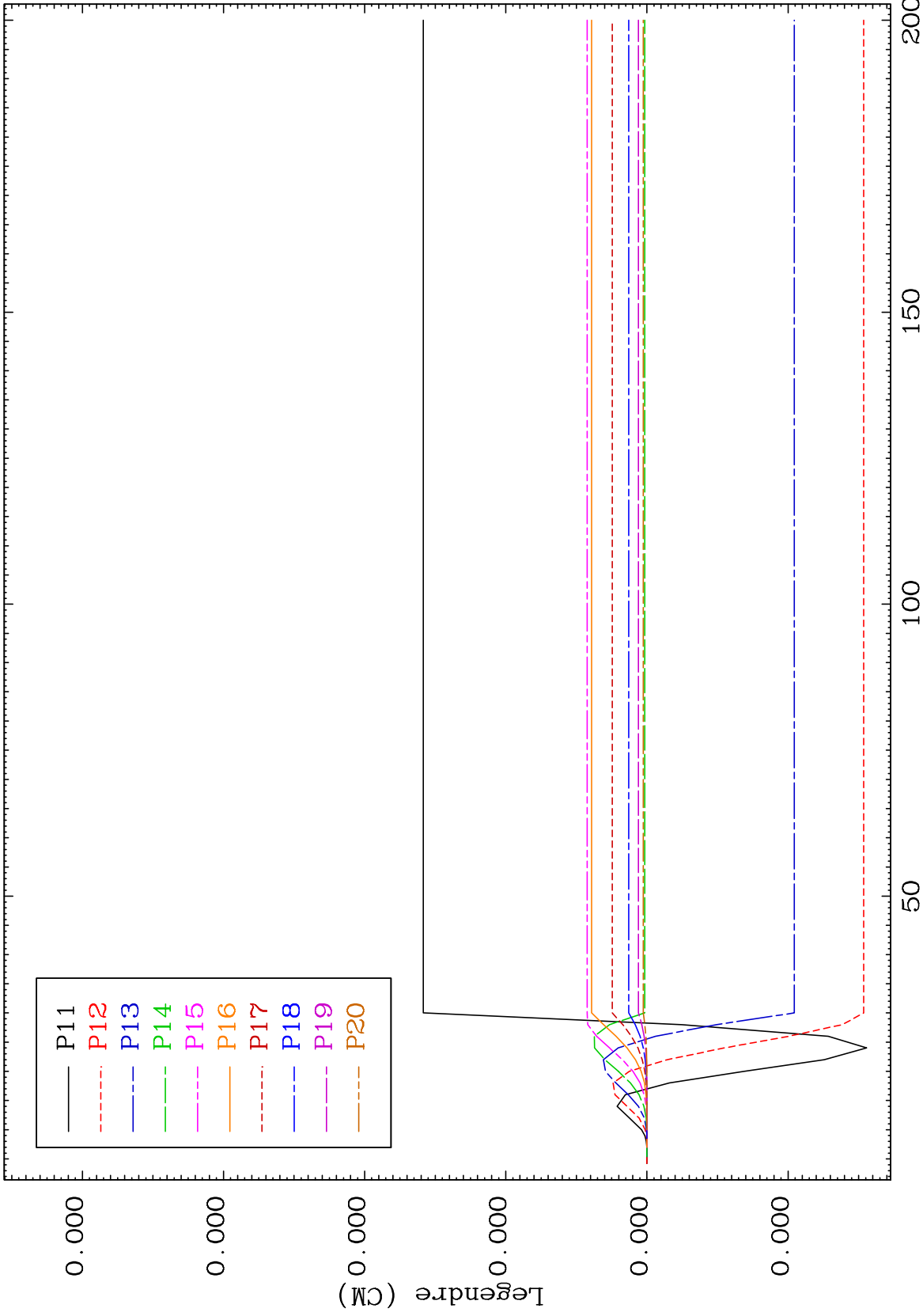




MAT 2037

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

20-Ca-44



25

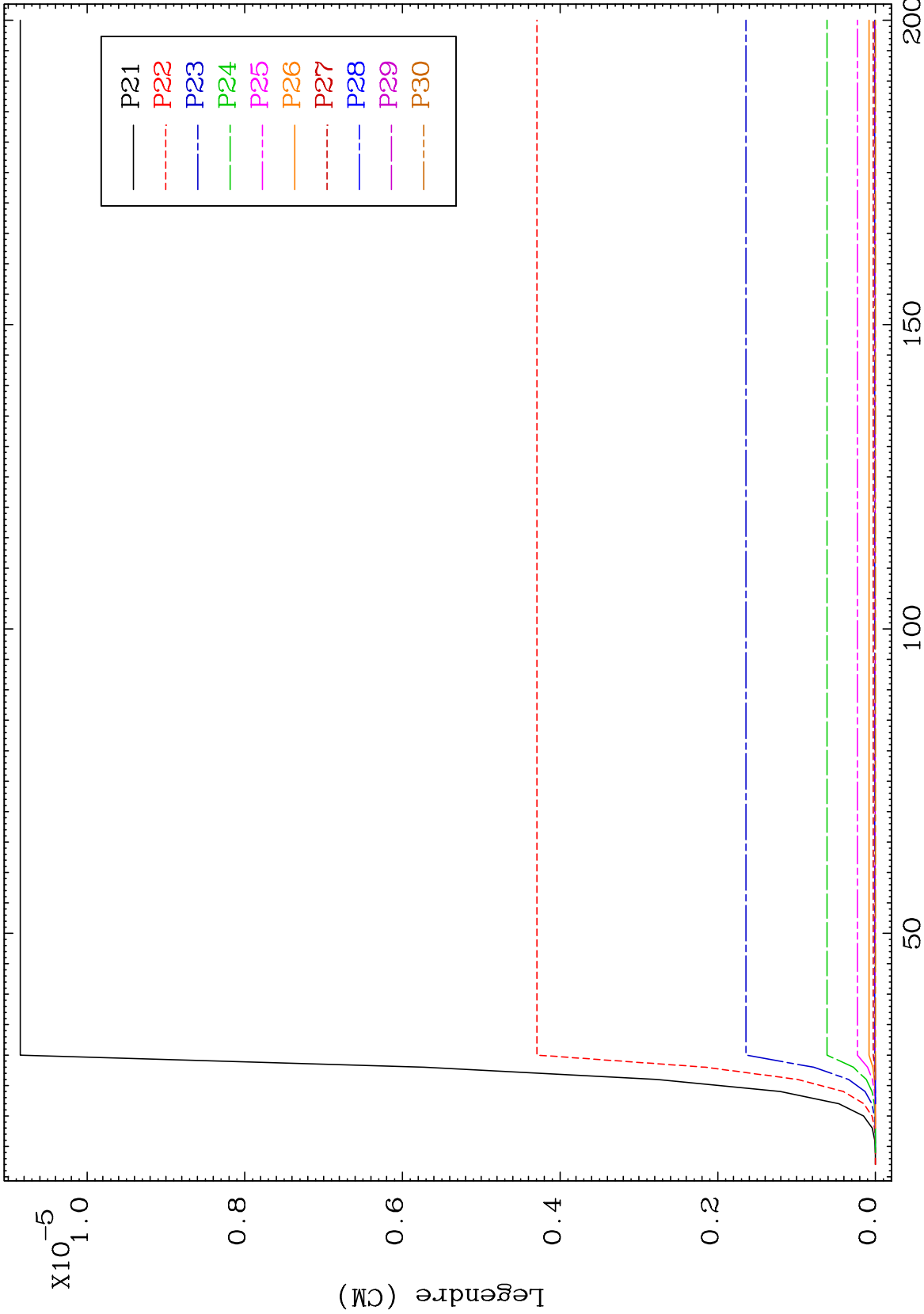
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

20-Ca-44

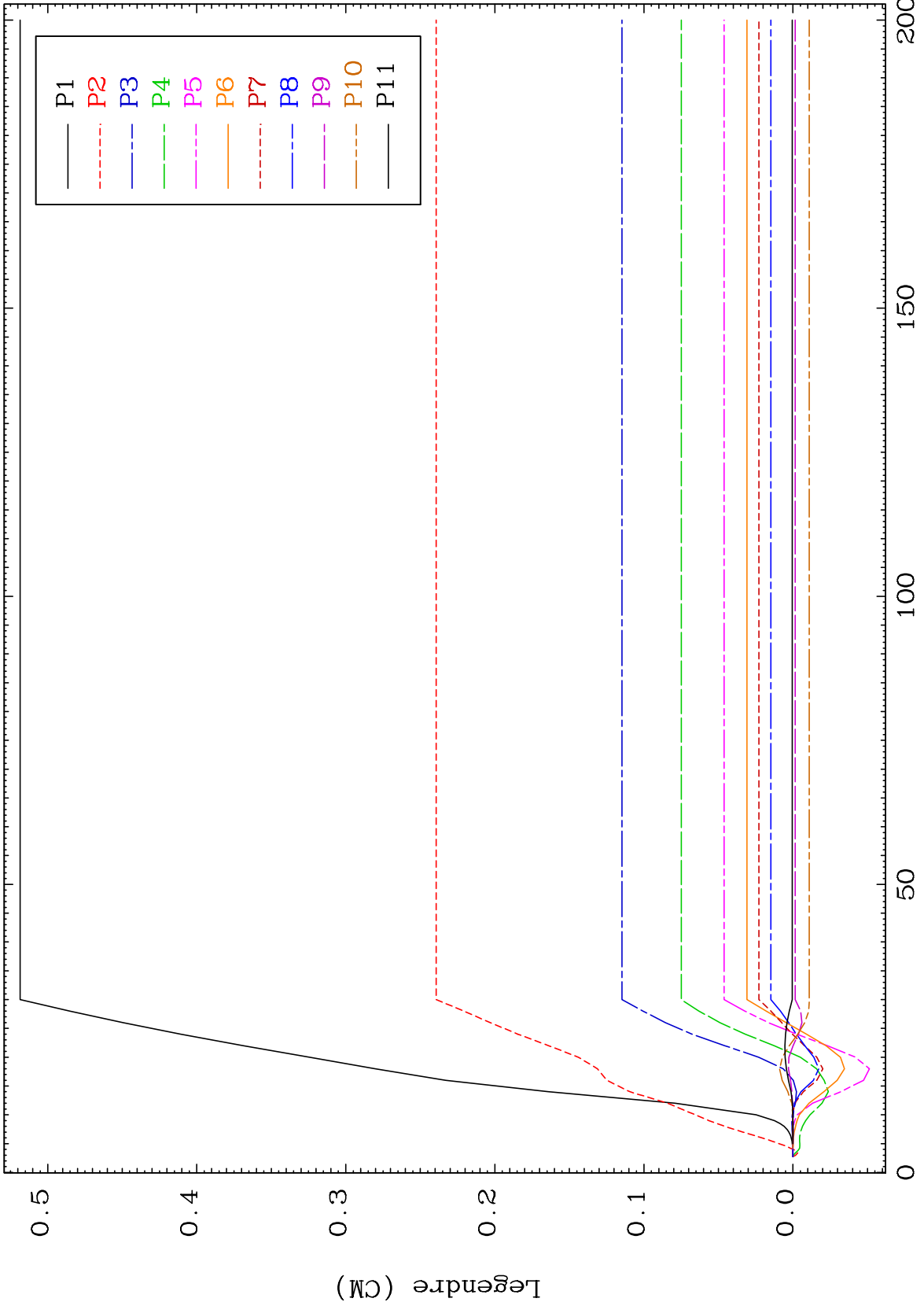


26

Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 54 (n,n') Level Legendre Coefficients 20-Ca-44

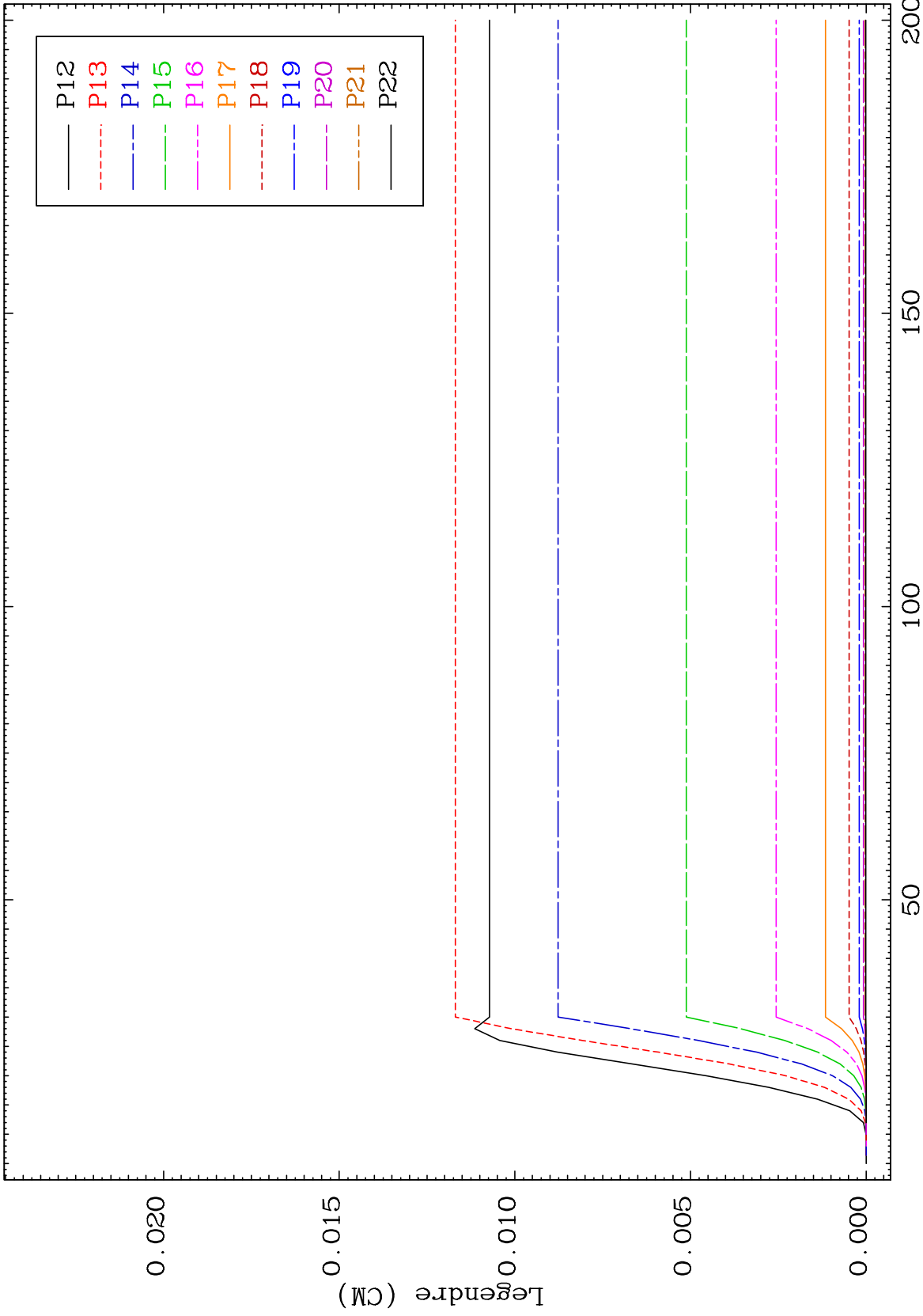


27 20-Ca-44

MAT 2037

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

20-Ca-44



28

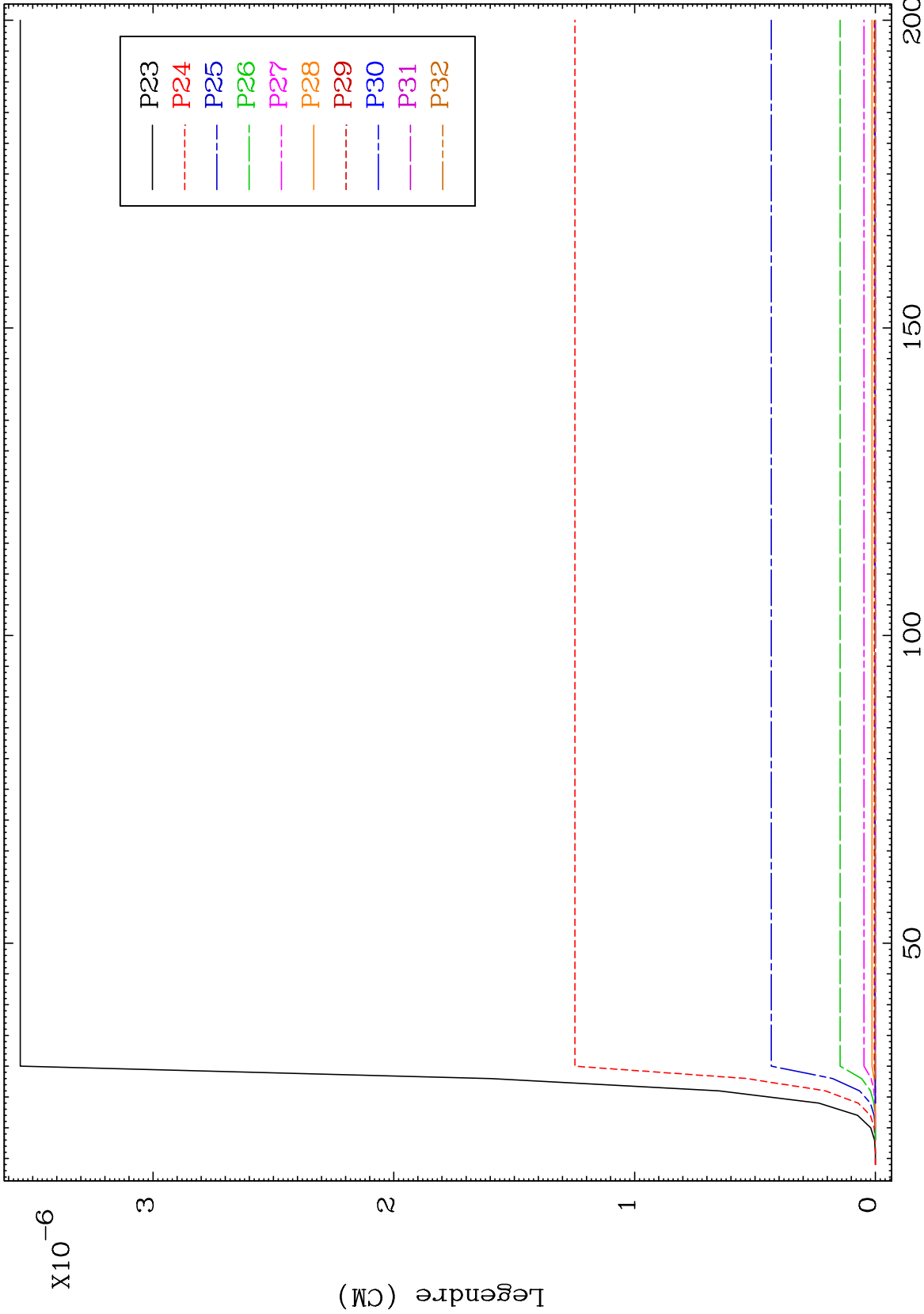
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

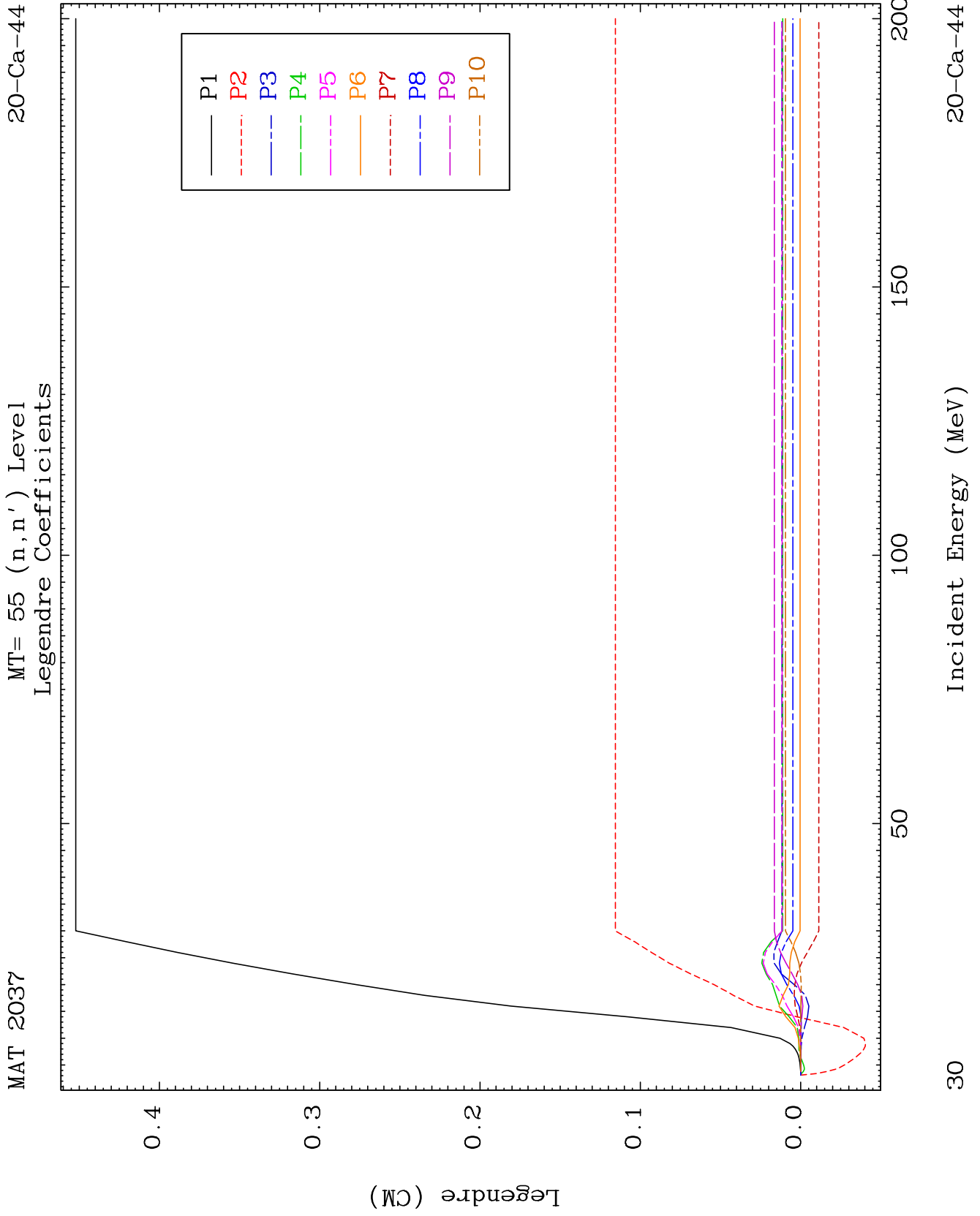
20-Ca-44



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Incident Energy (MeV)

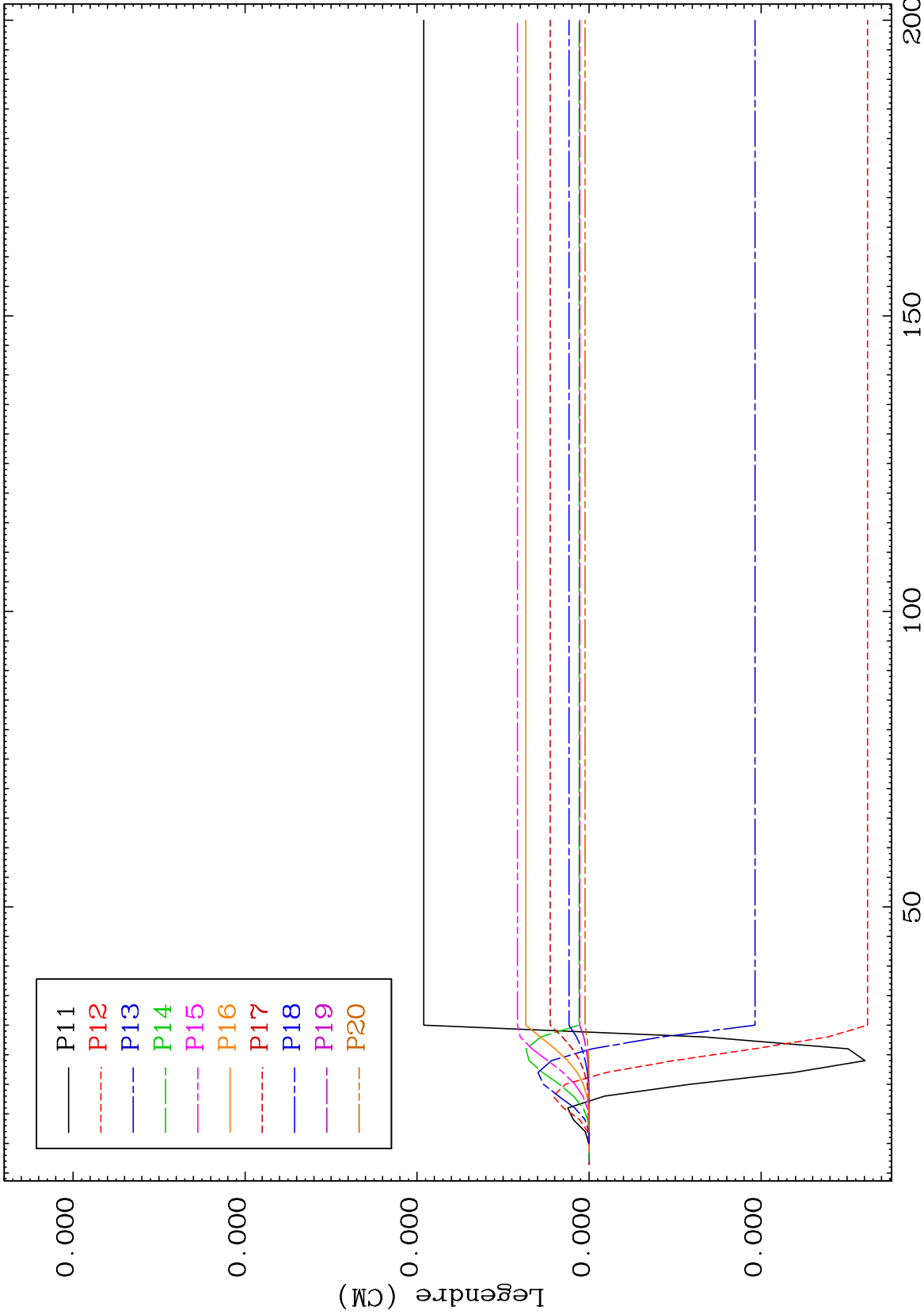
20-Ca-44



MAT 2037

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

20-Ca-44

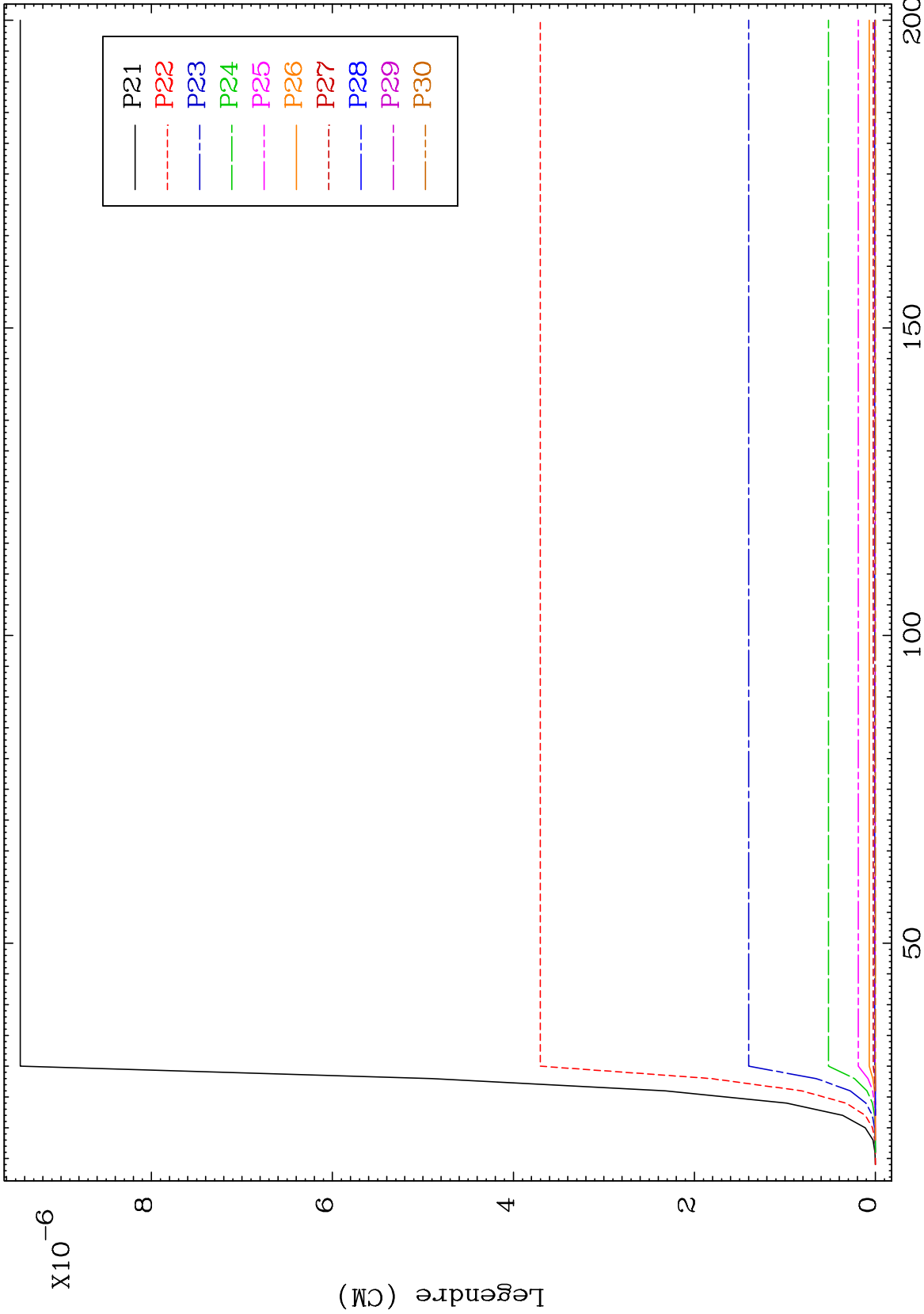




MAT 2037

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

20-Ca-44



32

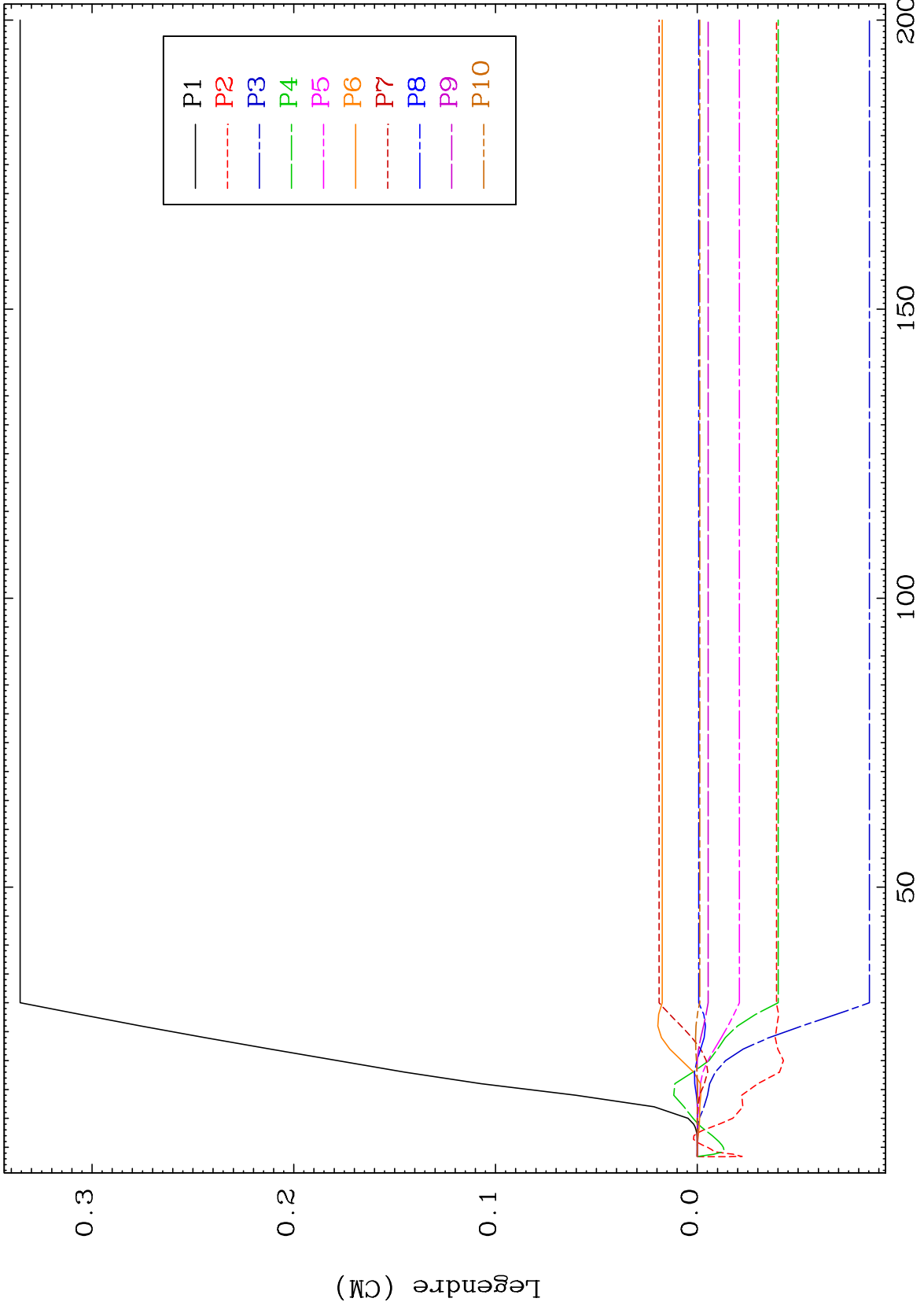
Incident Energy (MeV)

20-Ca-44

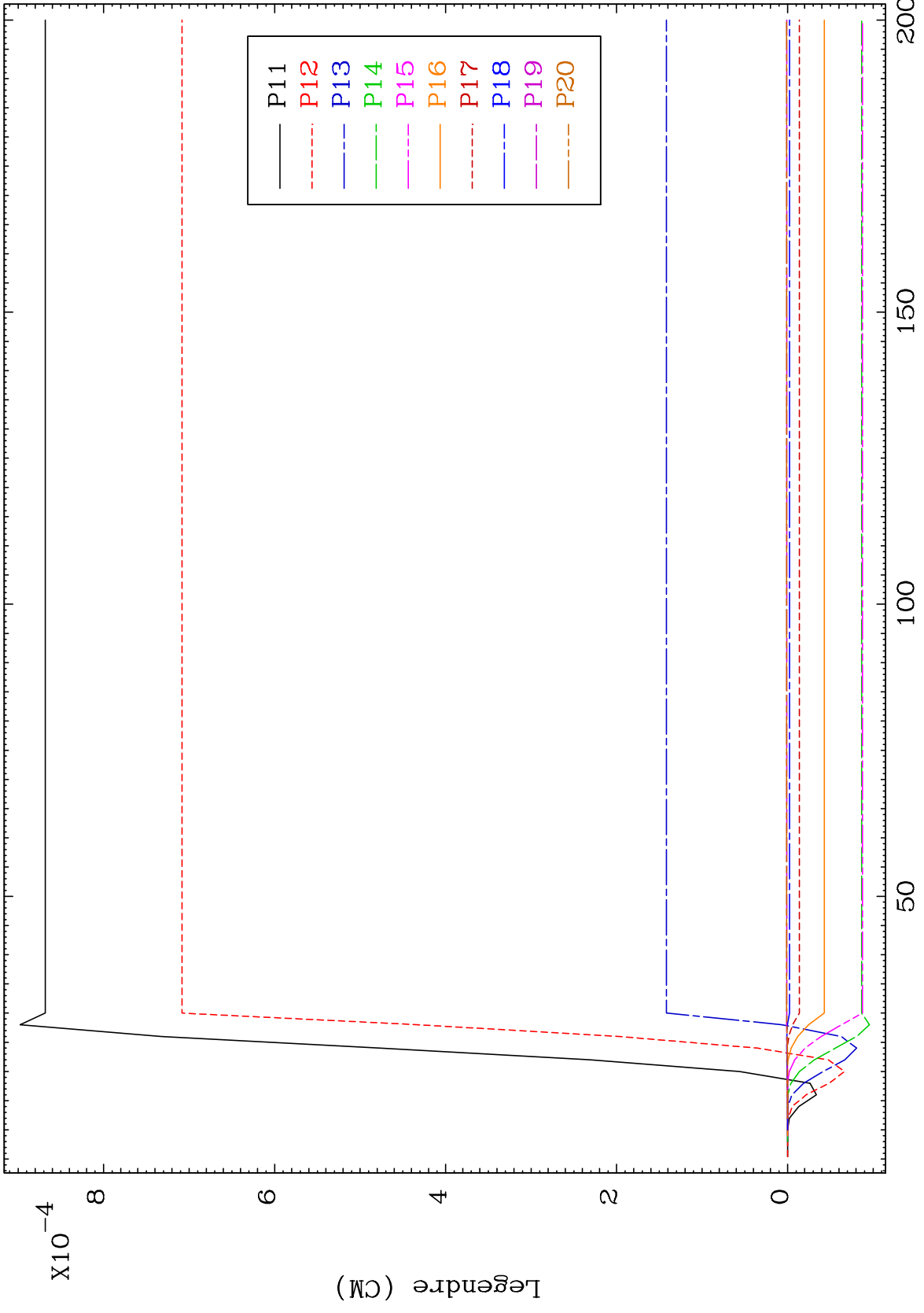
MAT 2037

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

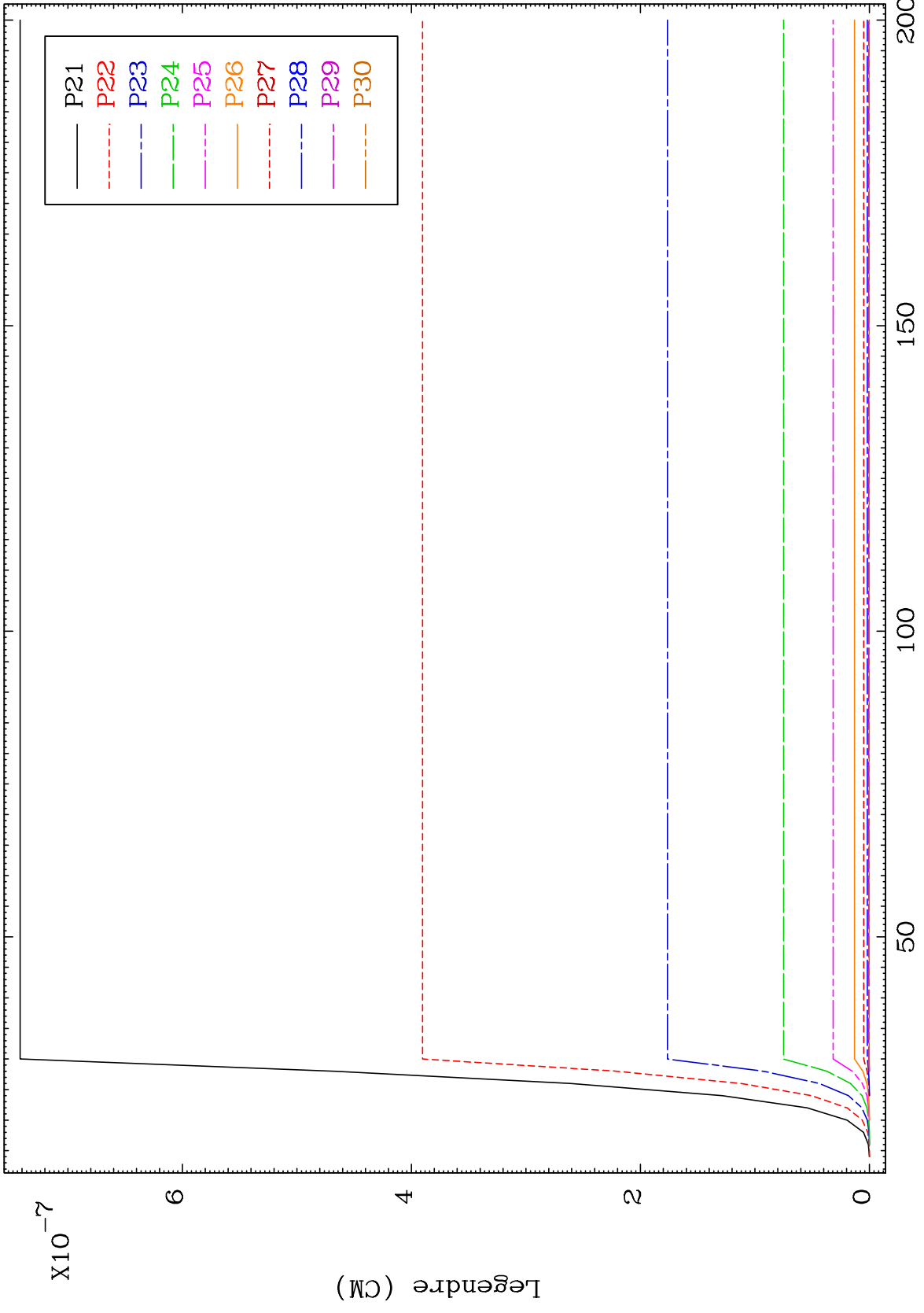
20-Ca-44



MAT 2037 MT= 56 (n,n') Level Legendre Coefficients 20-Ca-44

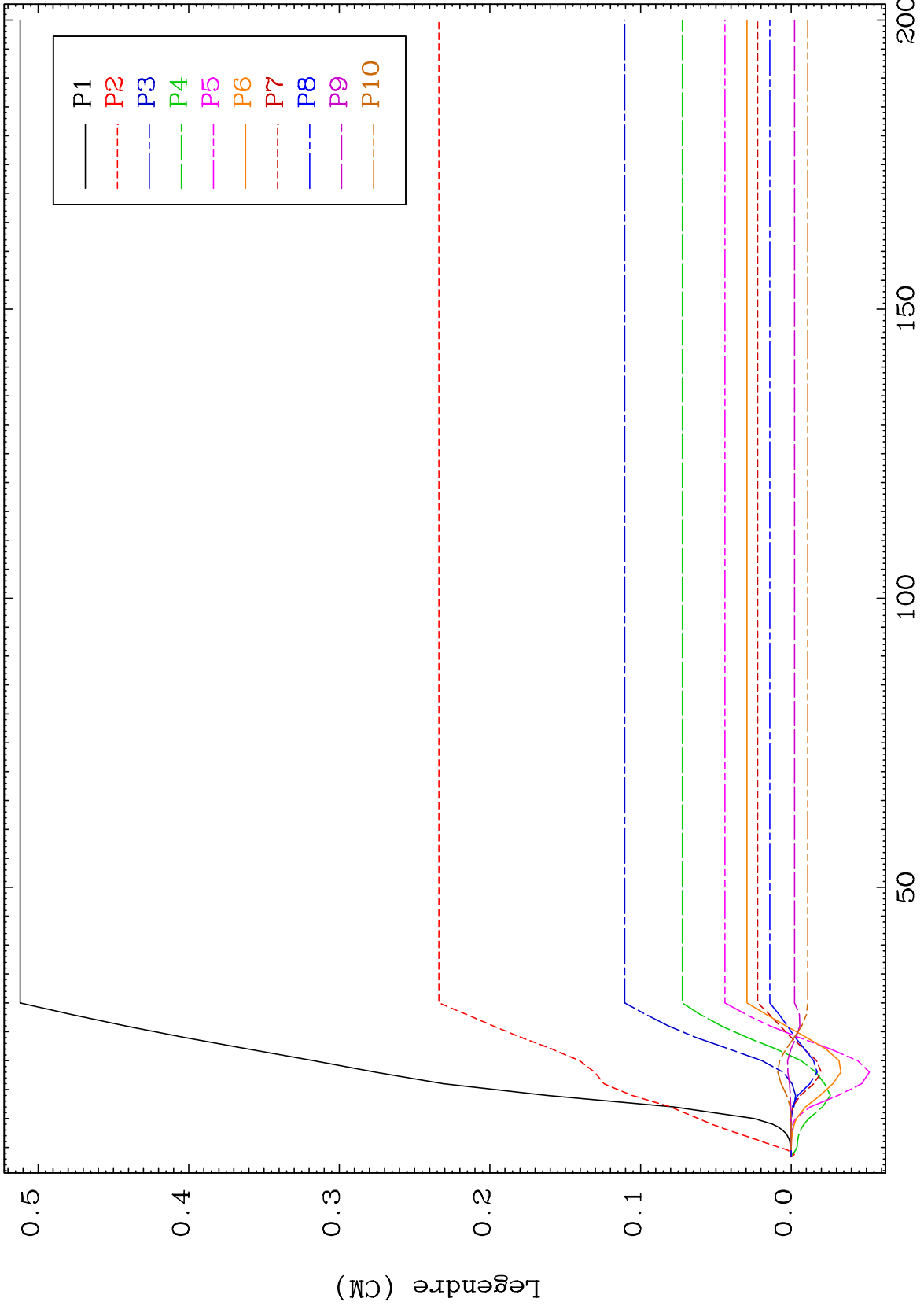


MAT 2037 MT= 56 (n,n') Level Legendre Coefficients 20-Ca-44



35 50 100 150 200 20-Ca-44

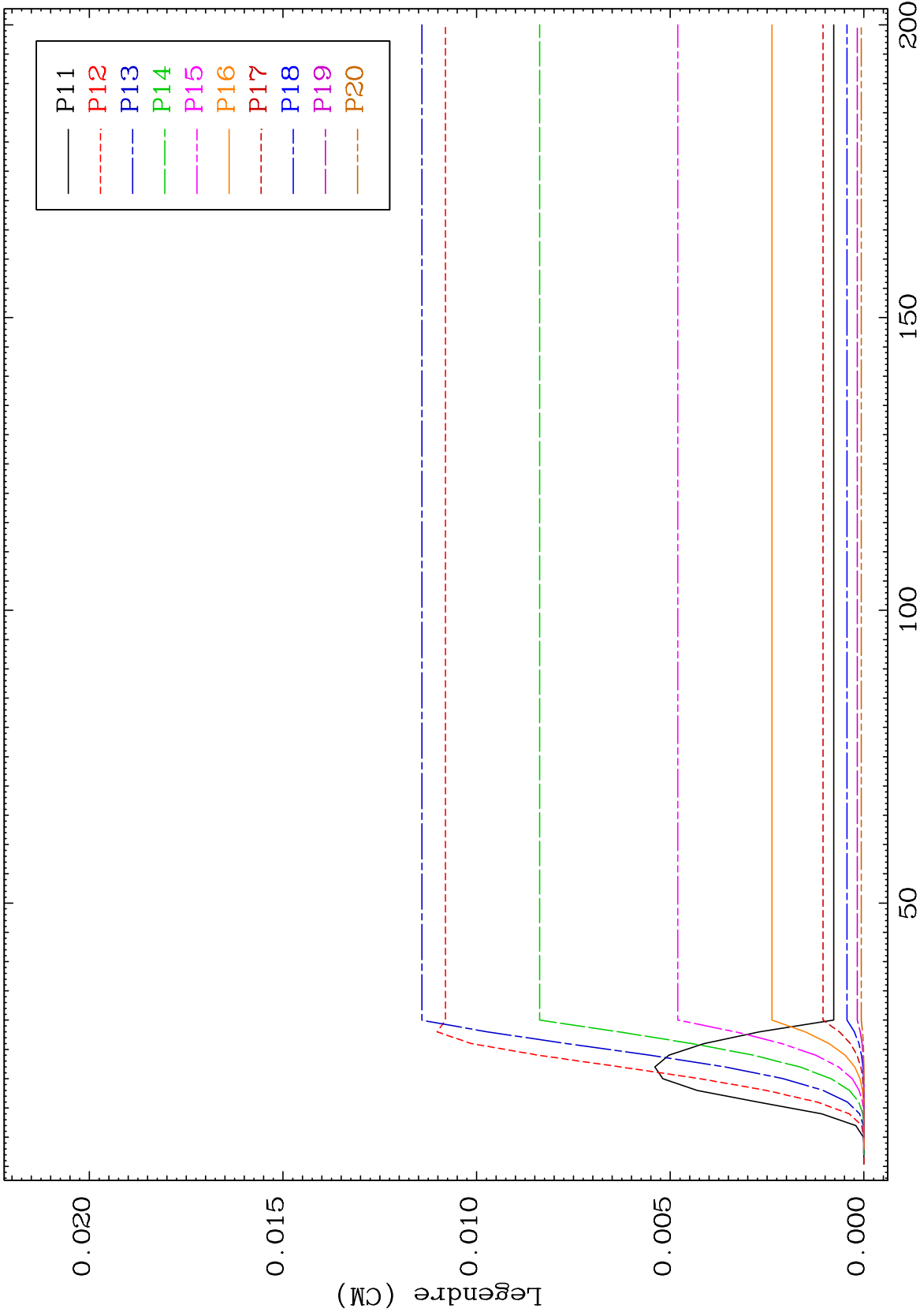
MAT 2037 MT= 57 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

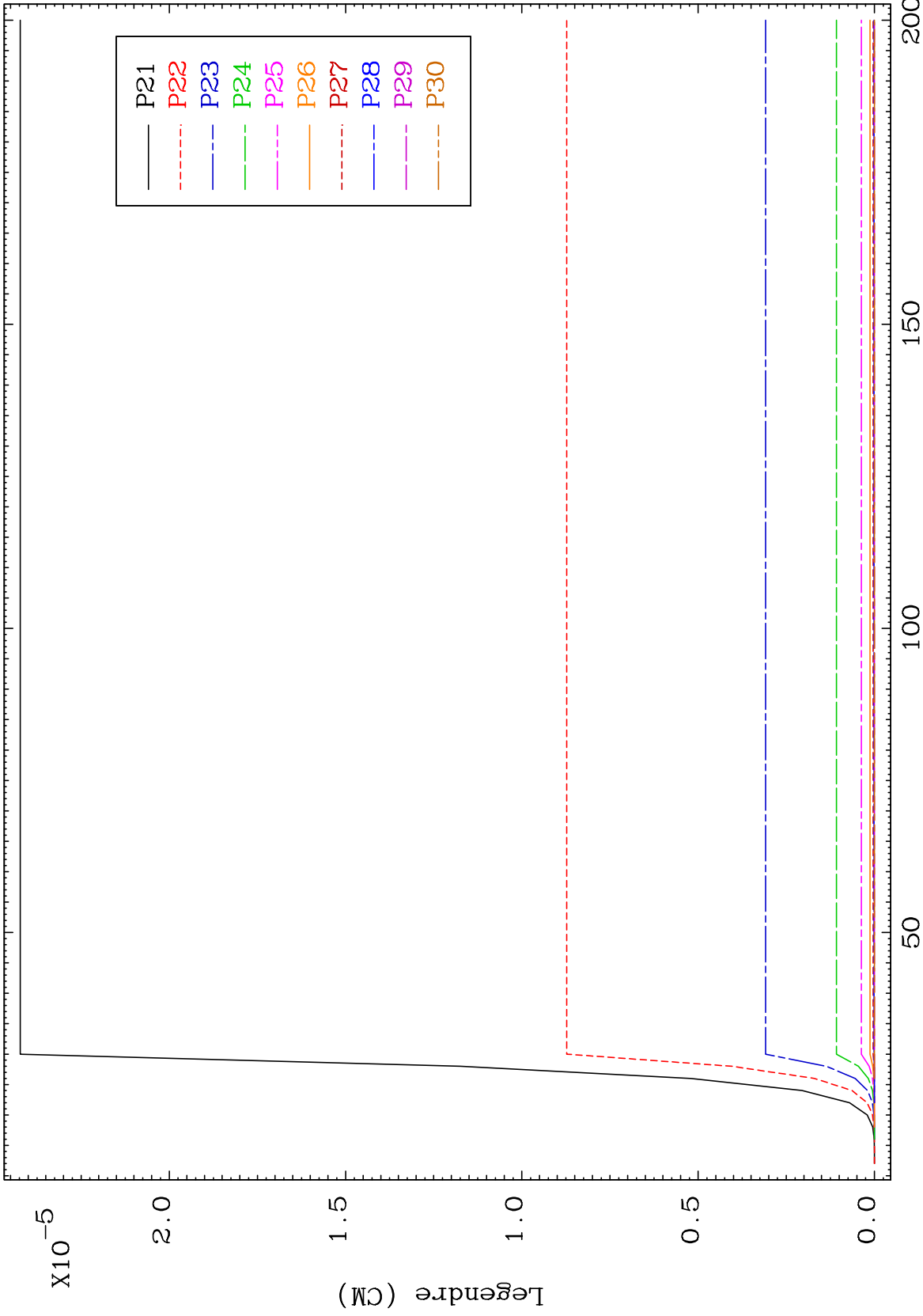


37

MAT 2037

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

20-Ca-44



38

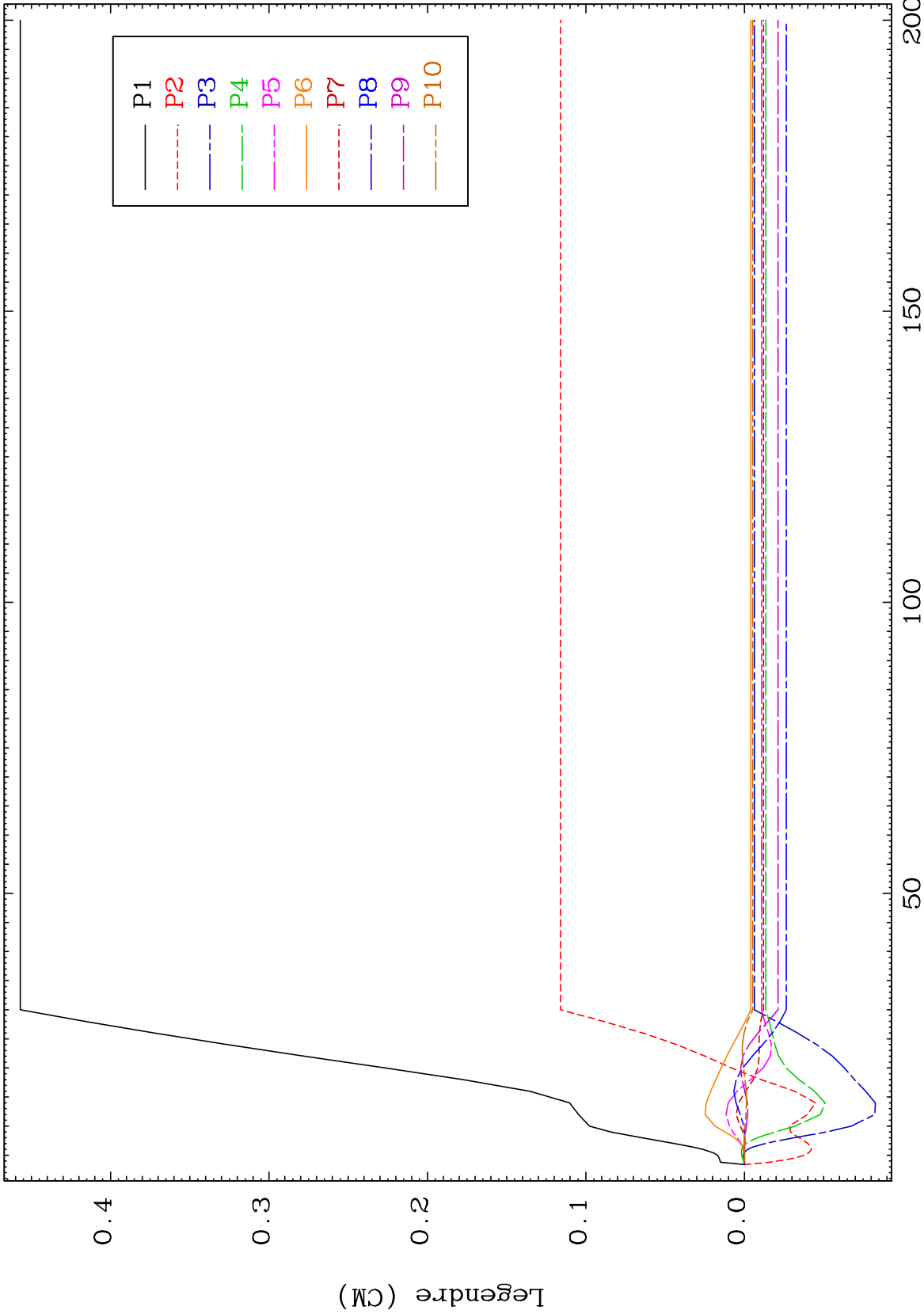
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

20-Ca-44



39

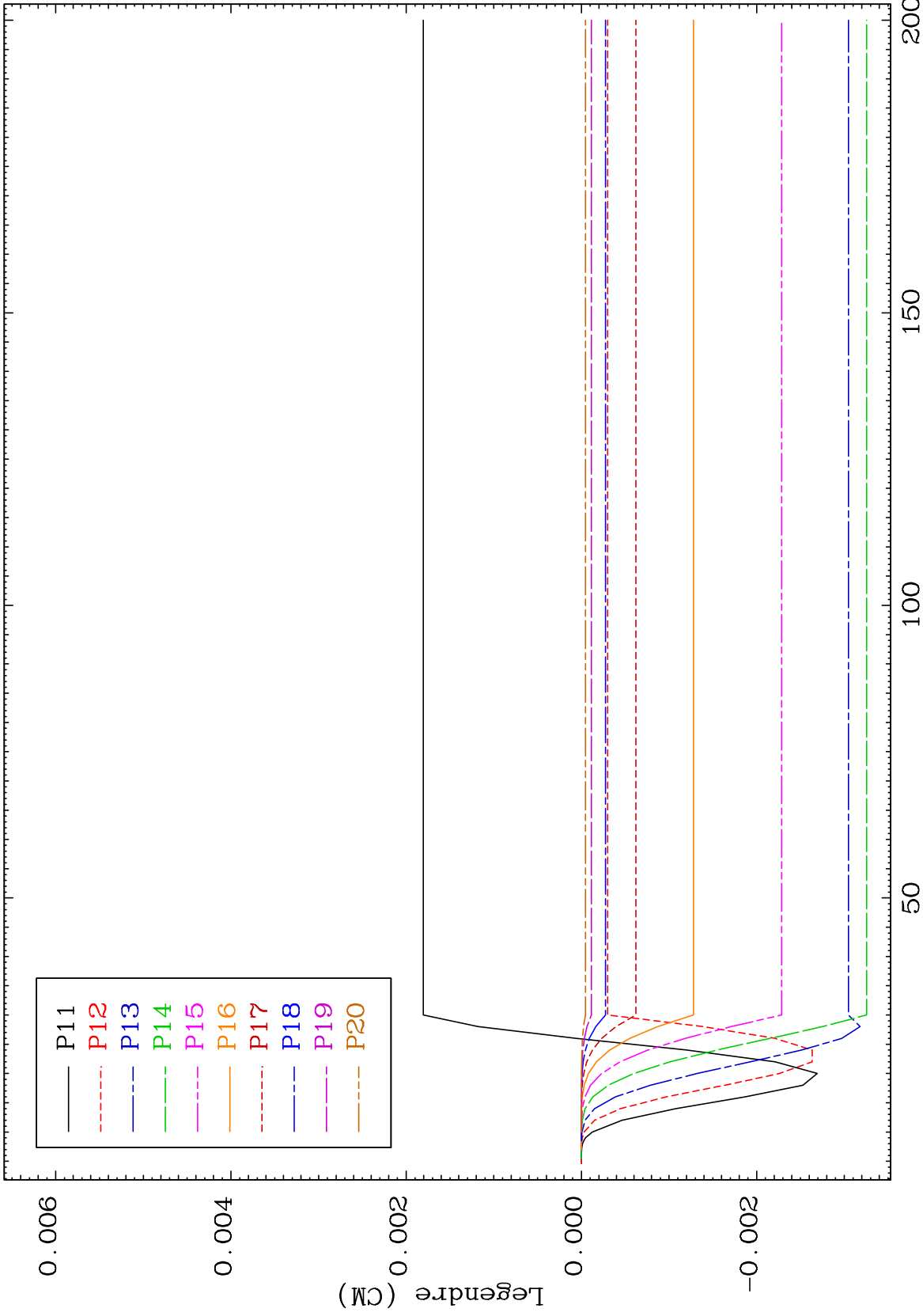
20-Ca-44



MAT 2037

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

20-Ca-44

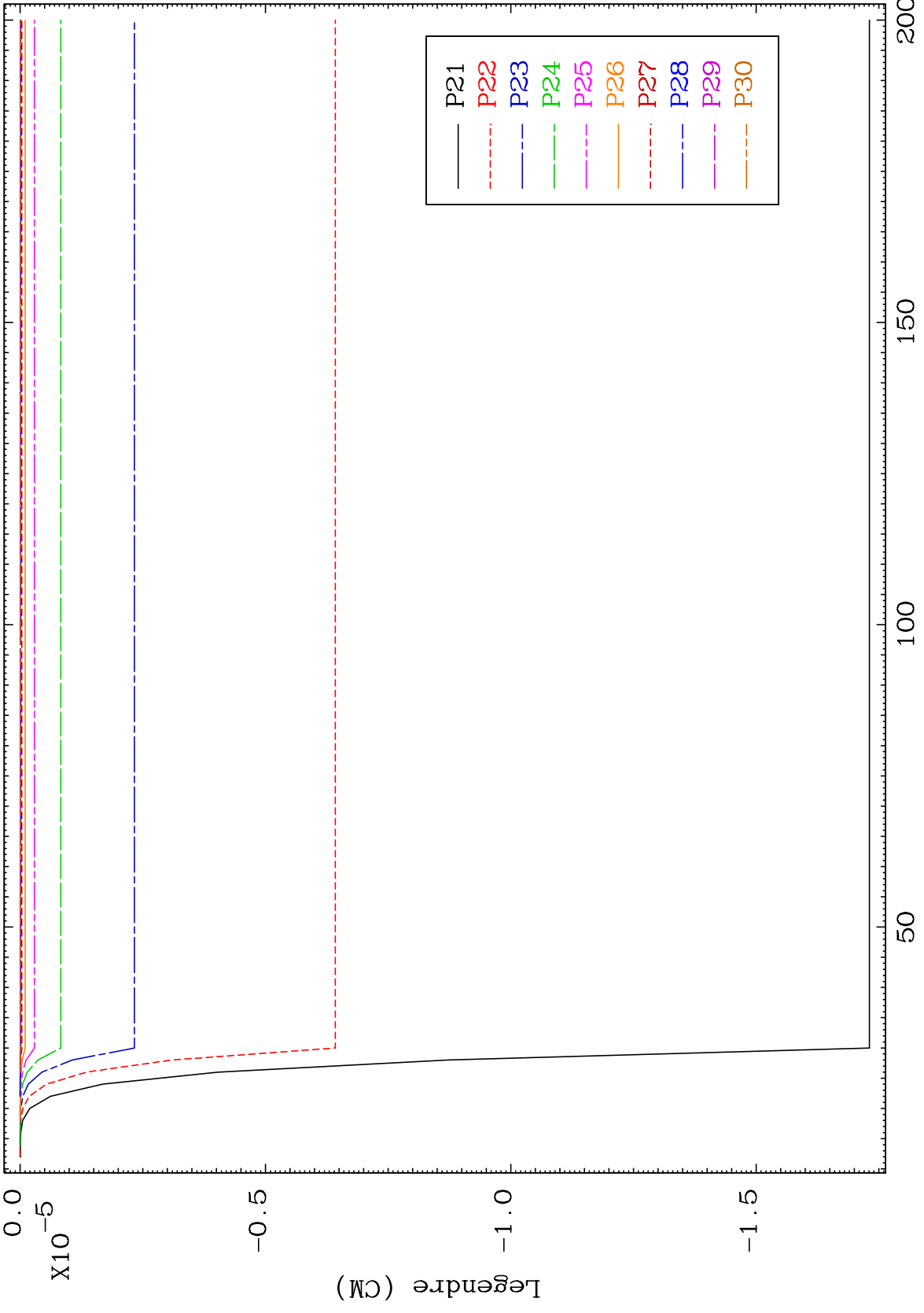


40

Incident Energy (MeV)

20-Ca-44

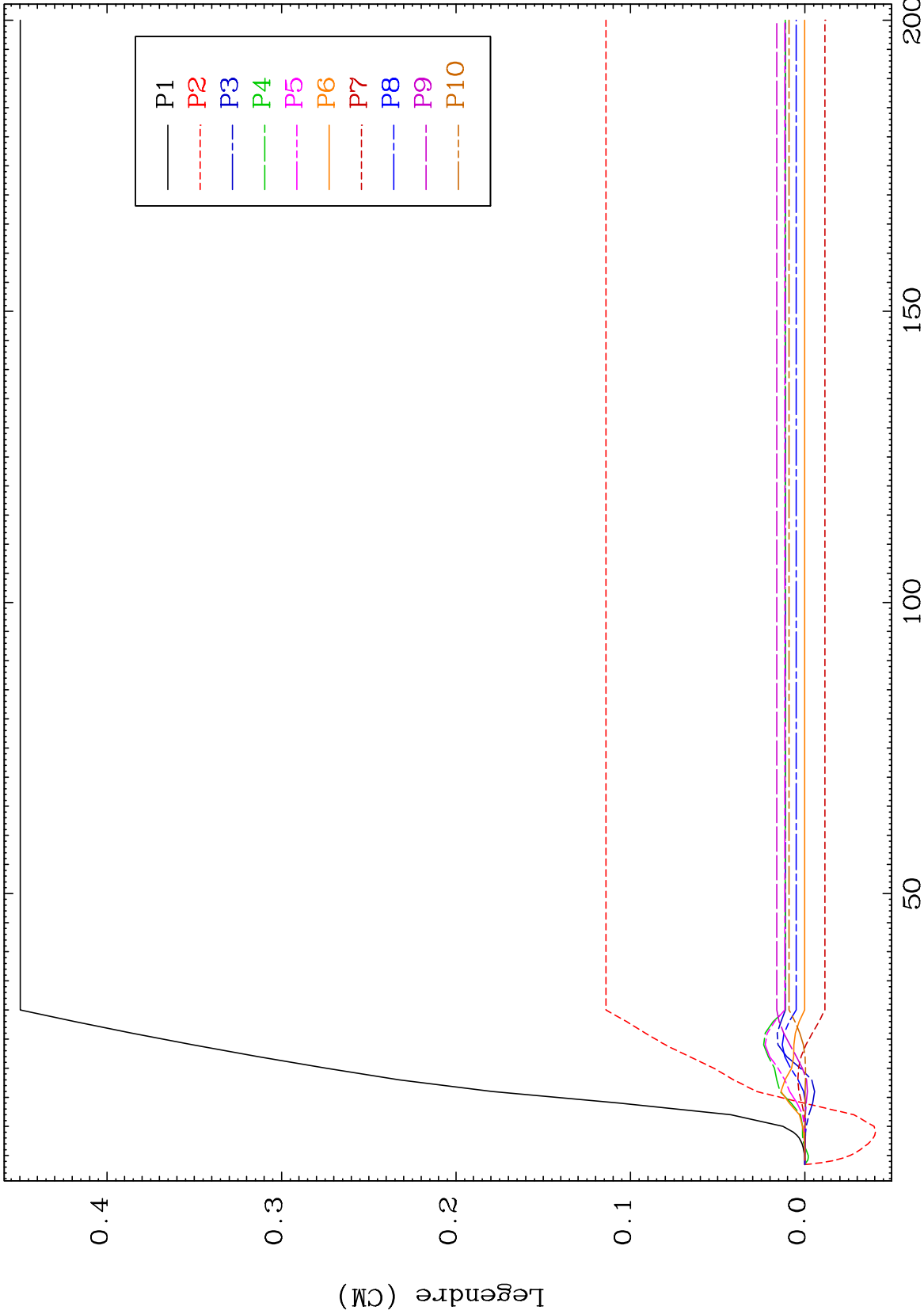
MAT 2037 MT= 58 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44



42

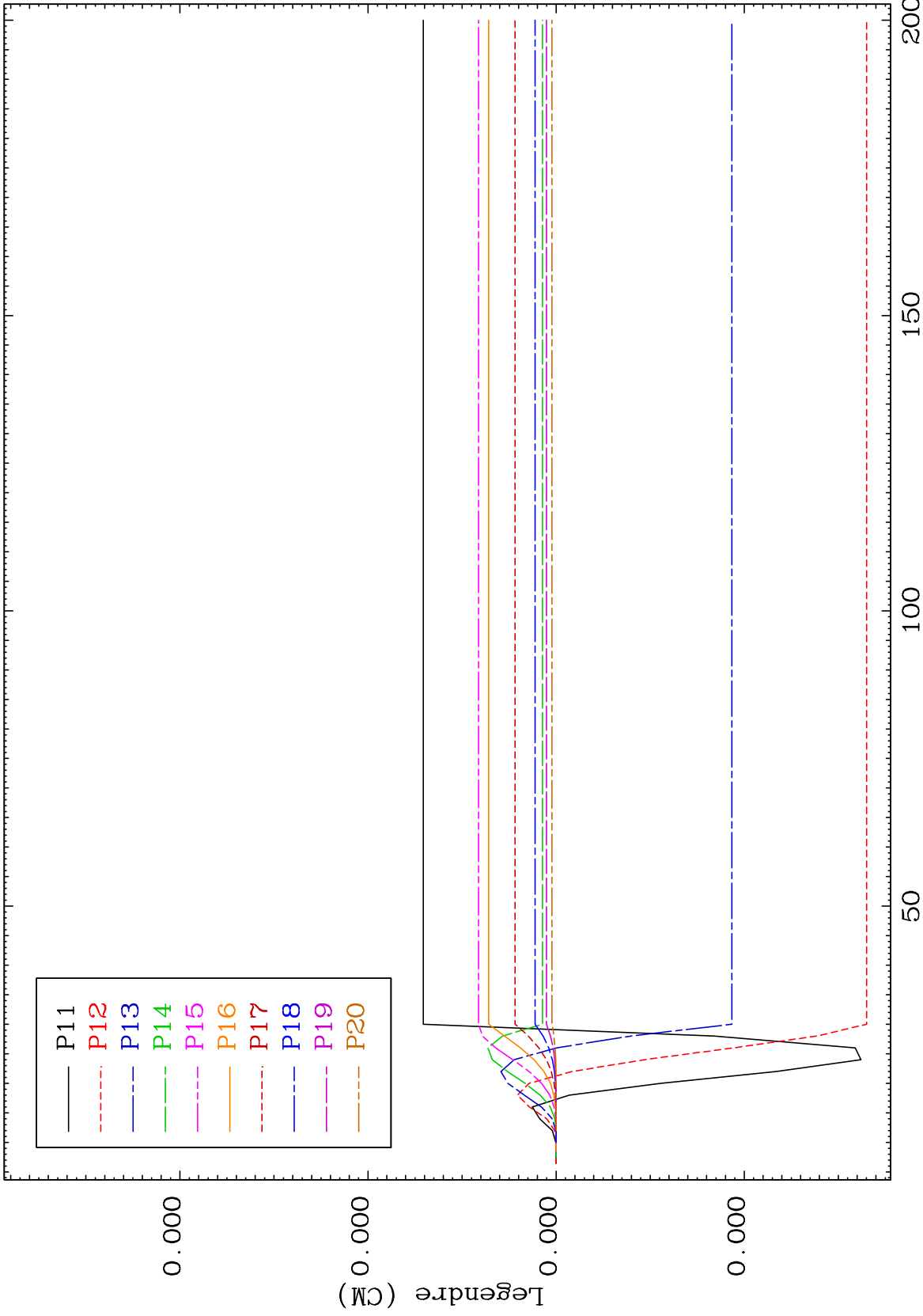
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

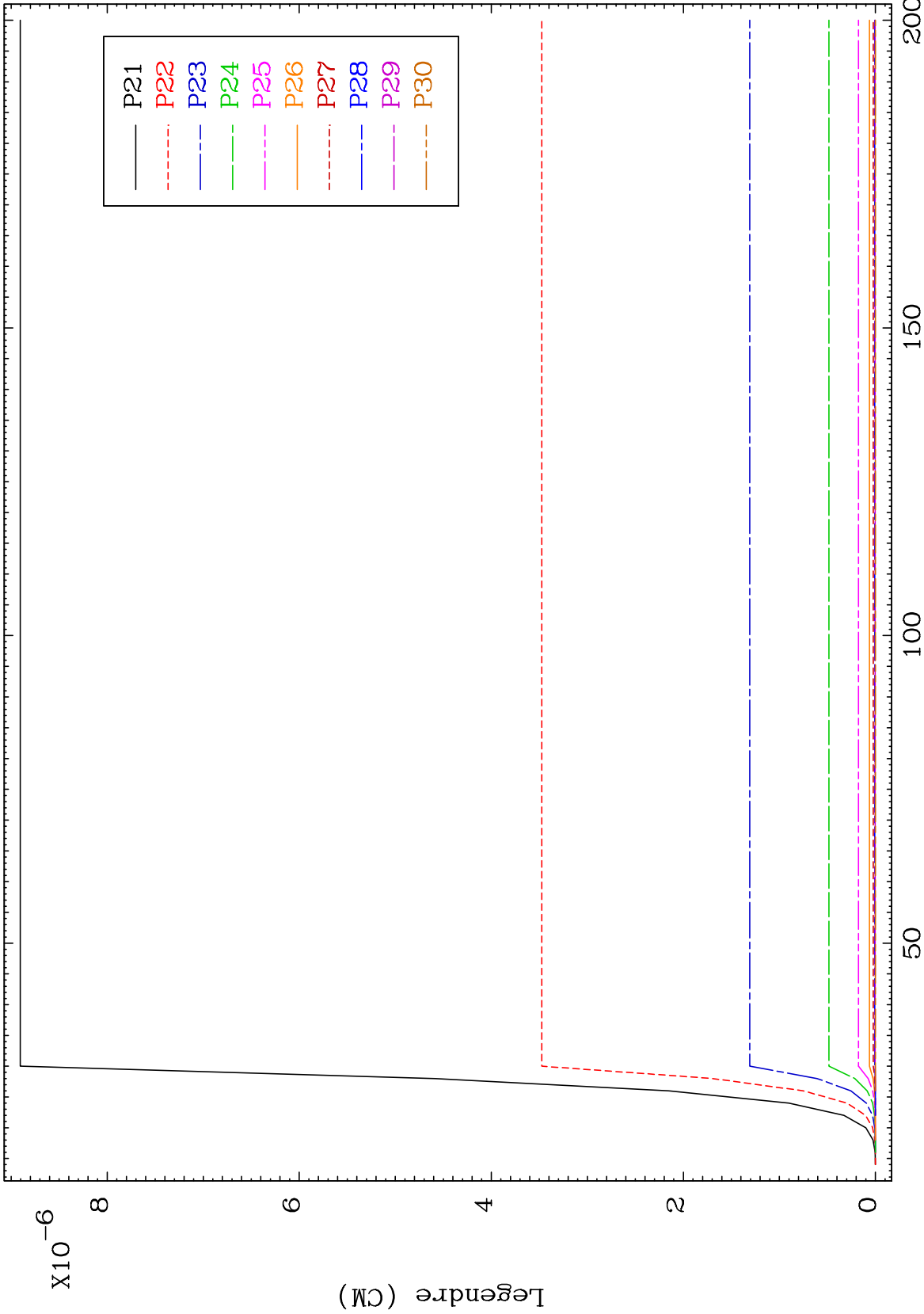
20-Ca-44



MAT 2037

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

20-Ca-44



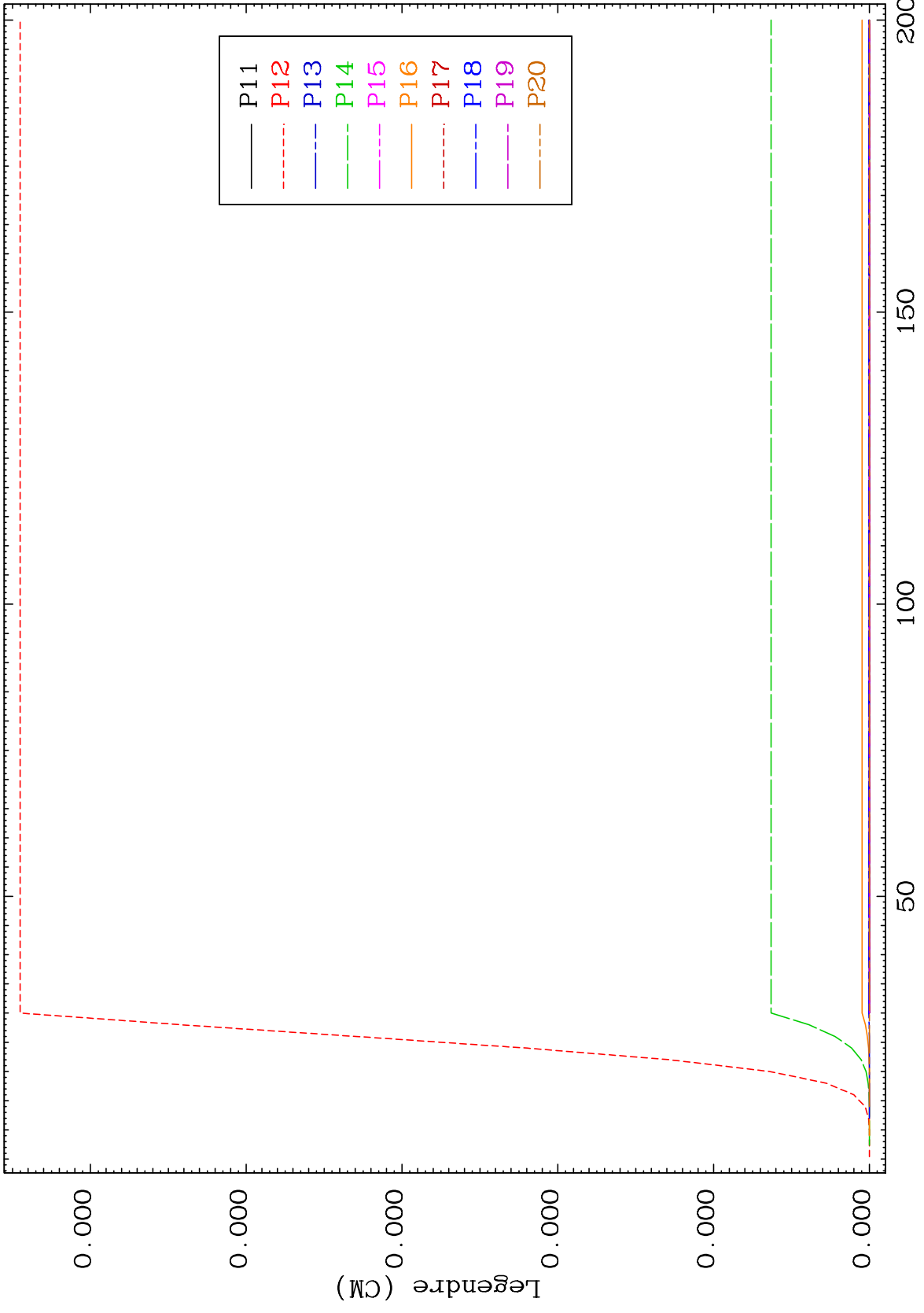
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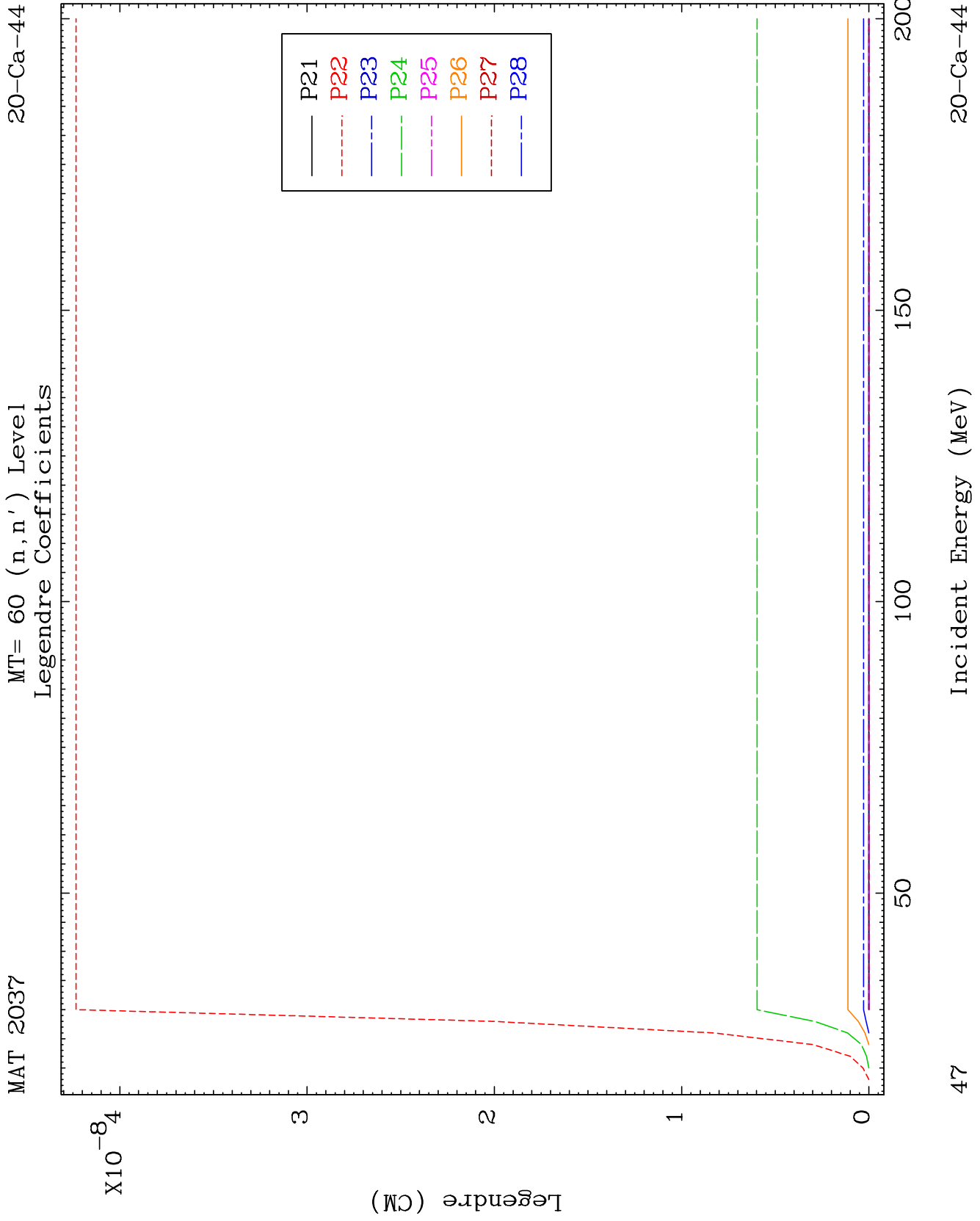
Incident Energy (MeV)

20-Ca-44



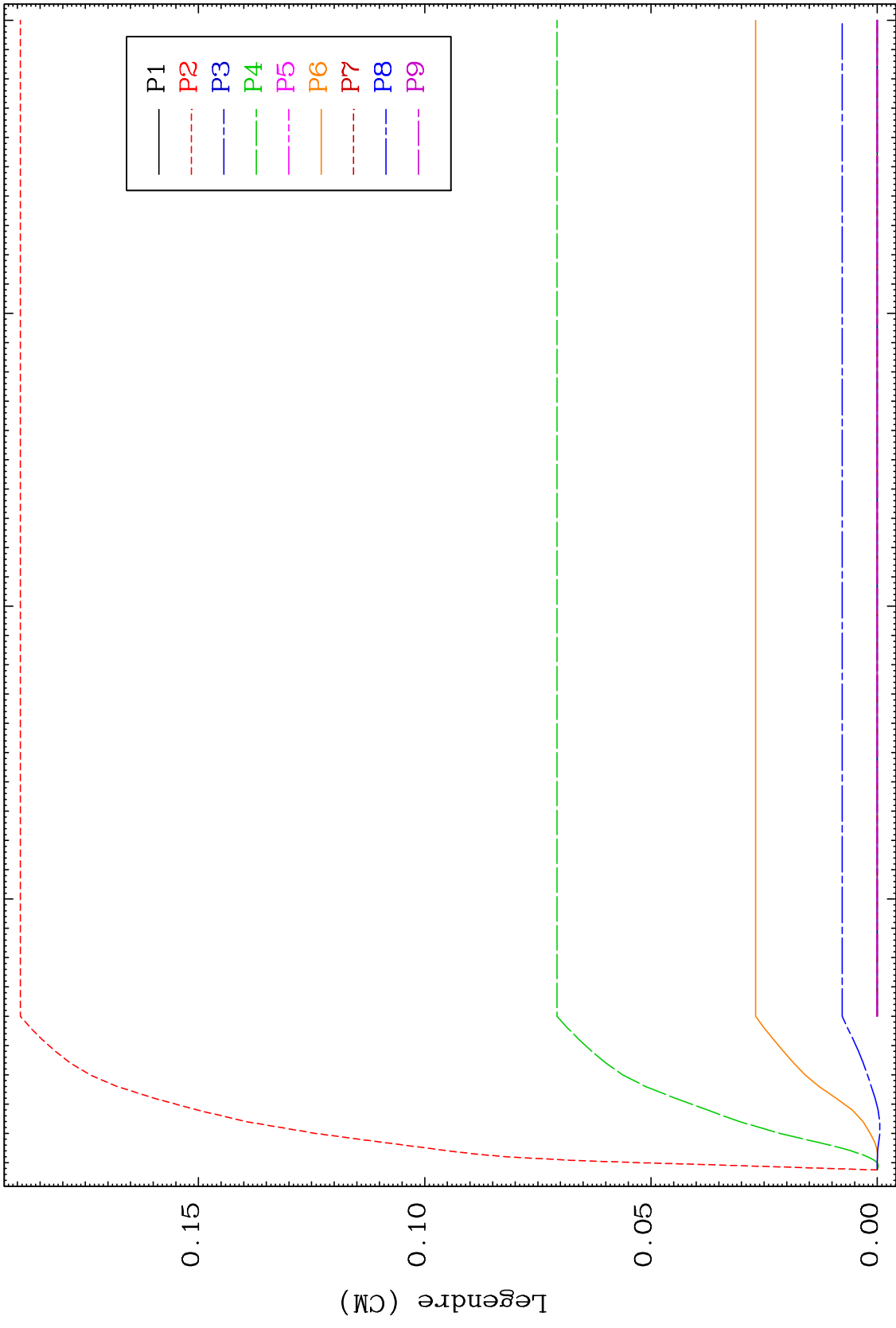
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MAT 2037 MT= 61 (n,n') Level Legendre Coefficients 20-Ca-44

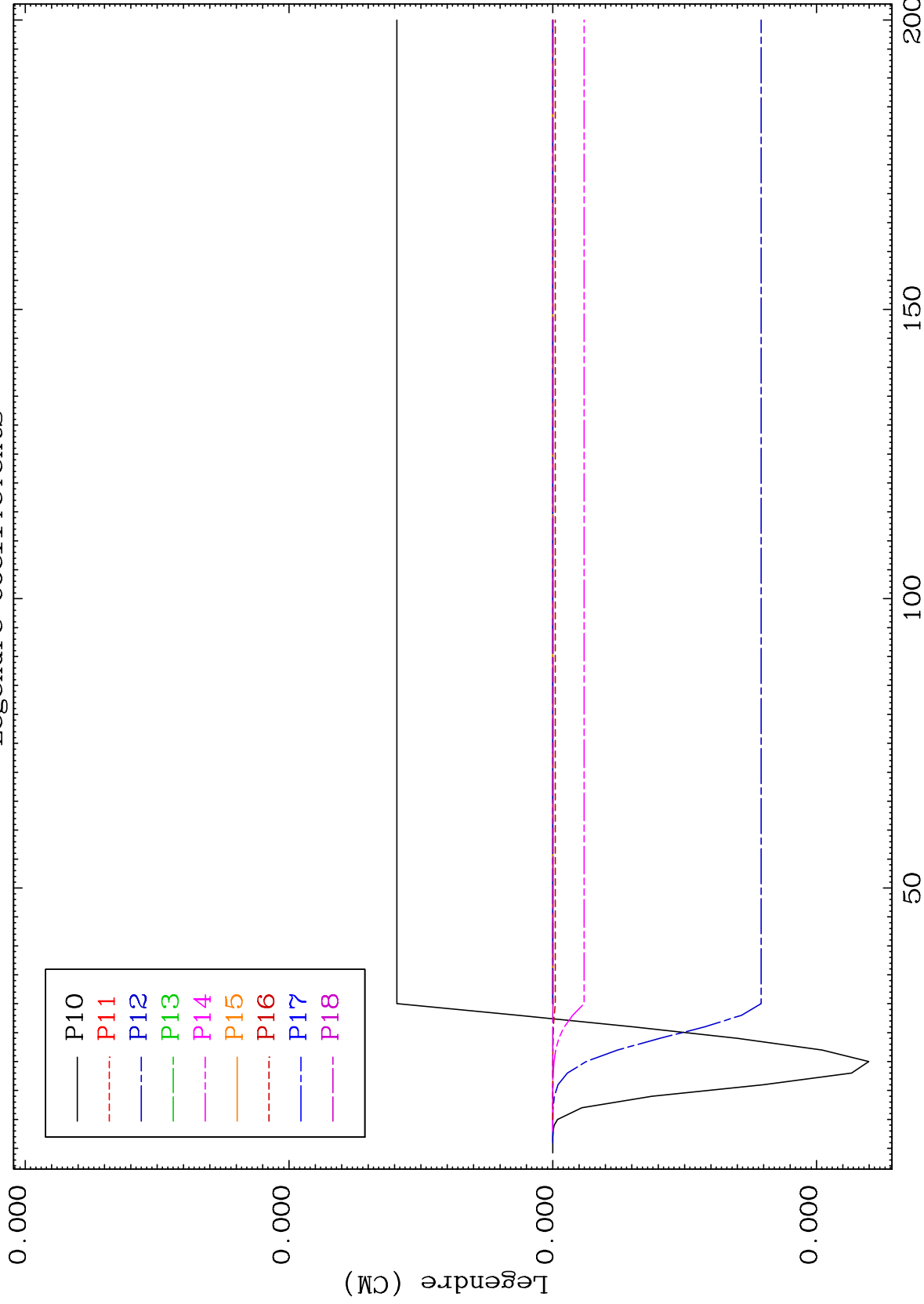


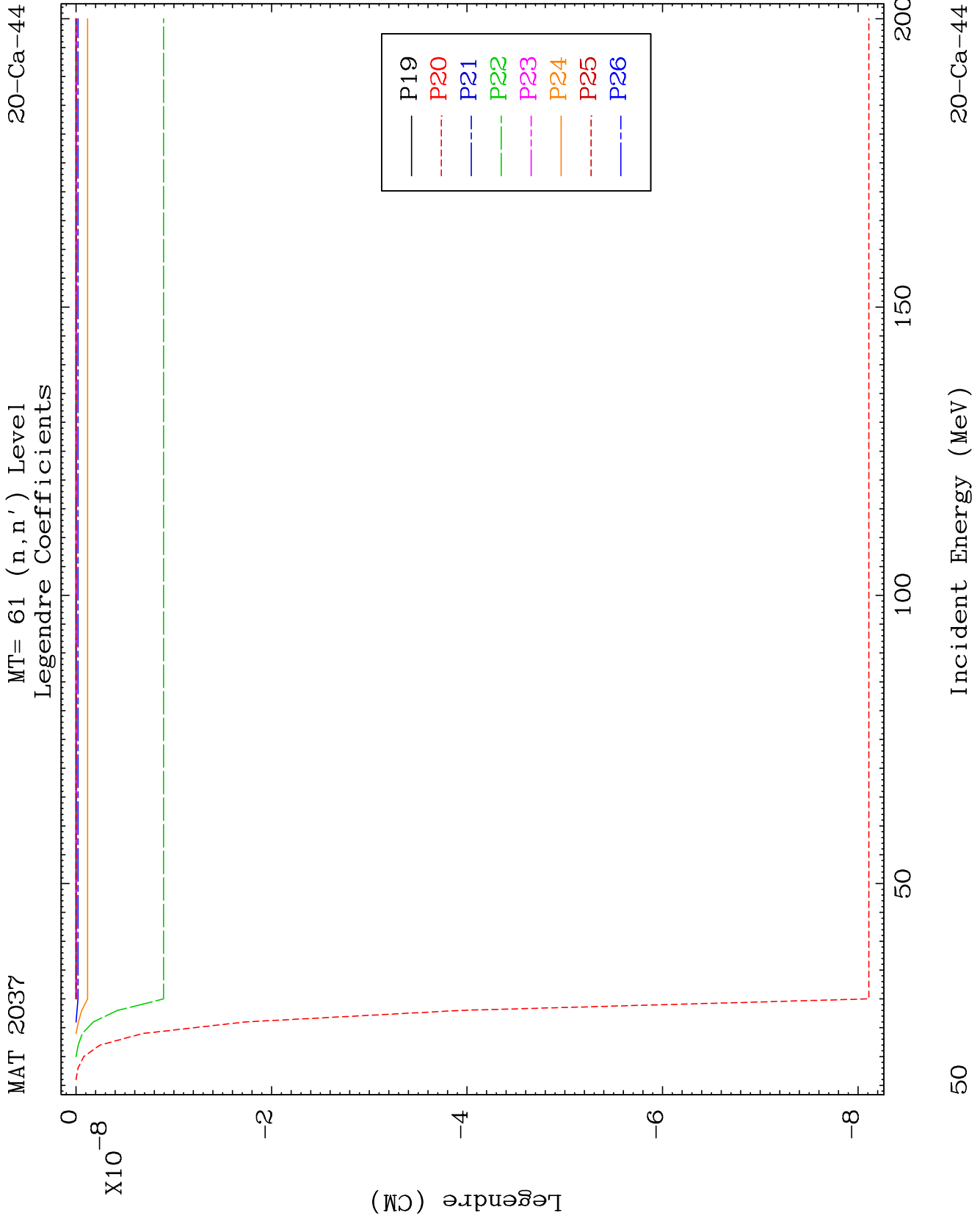
48 Incident Energy (MeV) 20-Ca-44

MAT 2037

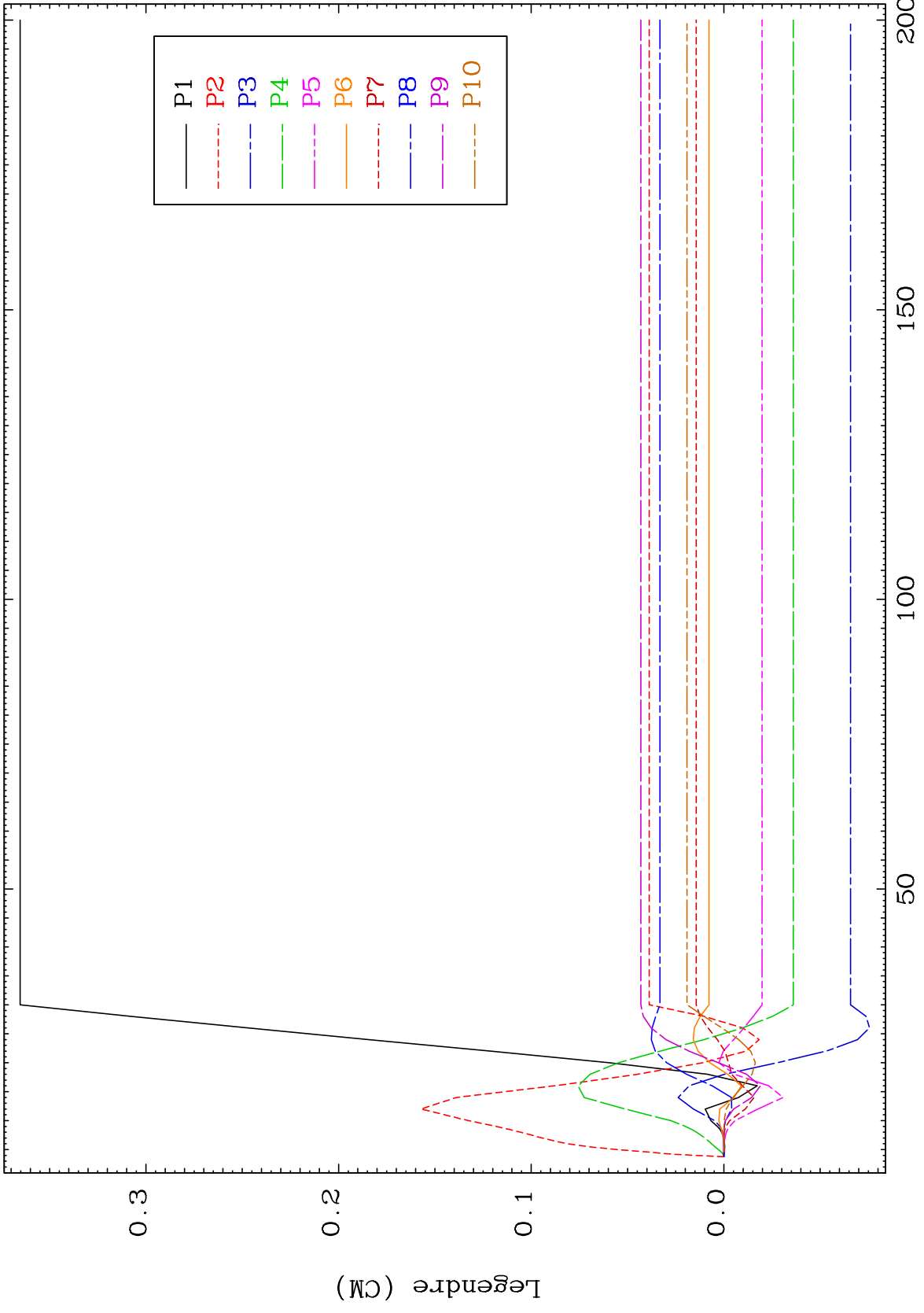
MT= 61 (n,n') Level  
Legendre Coefficients

20-Ca-44





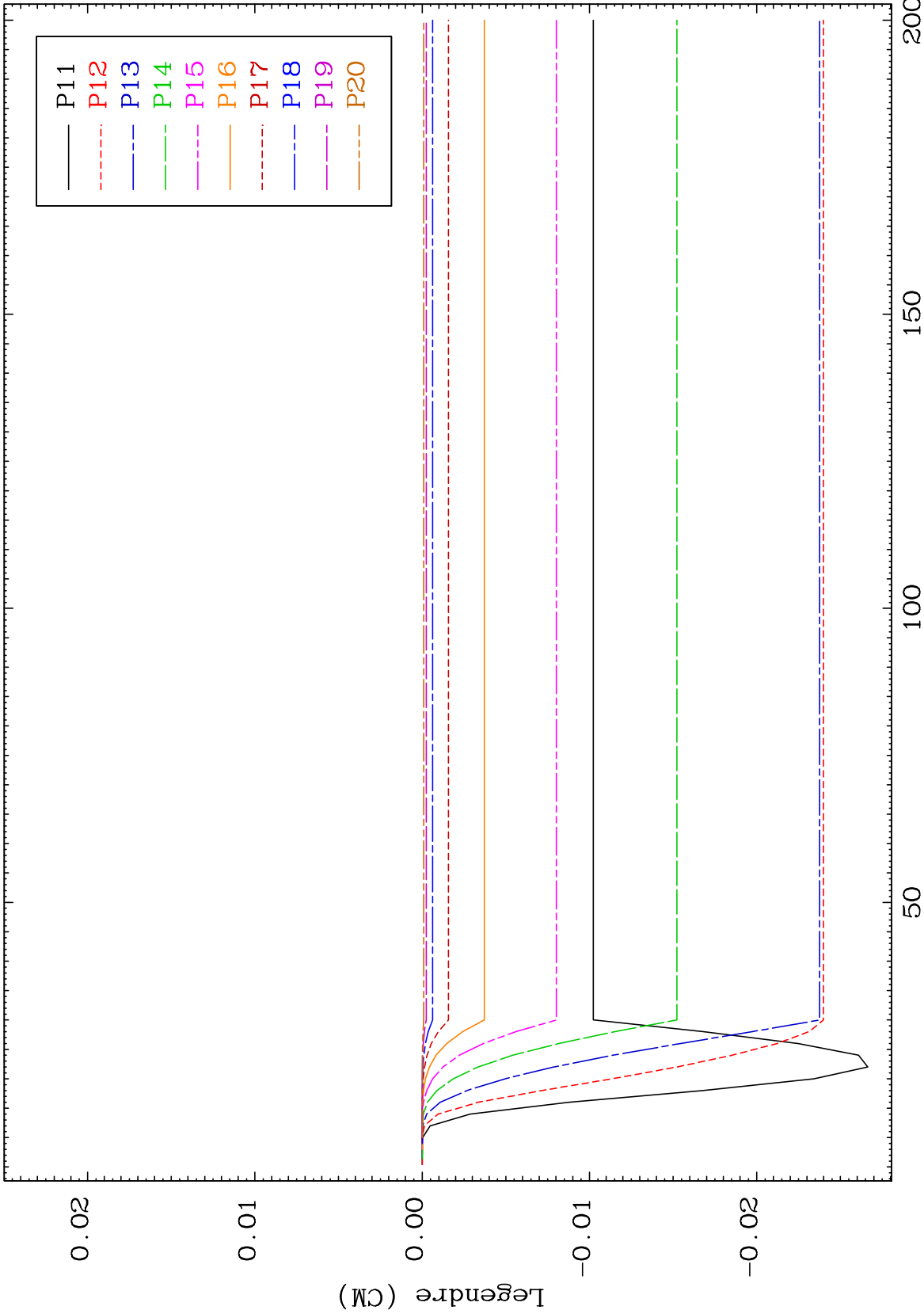
MAT 2037 MT= 62 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

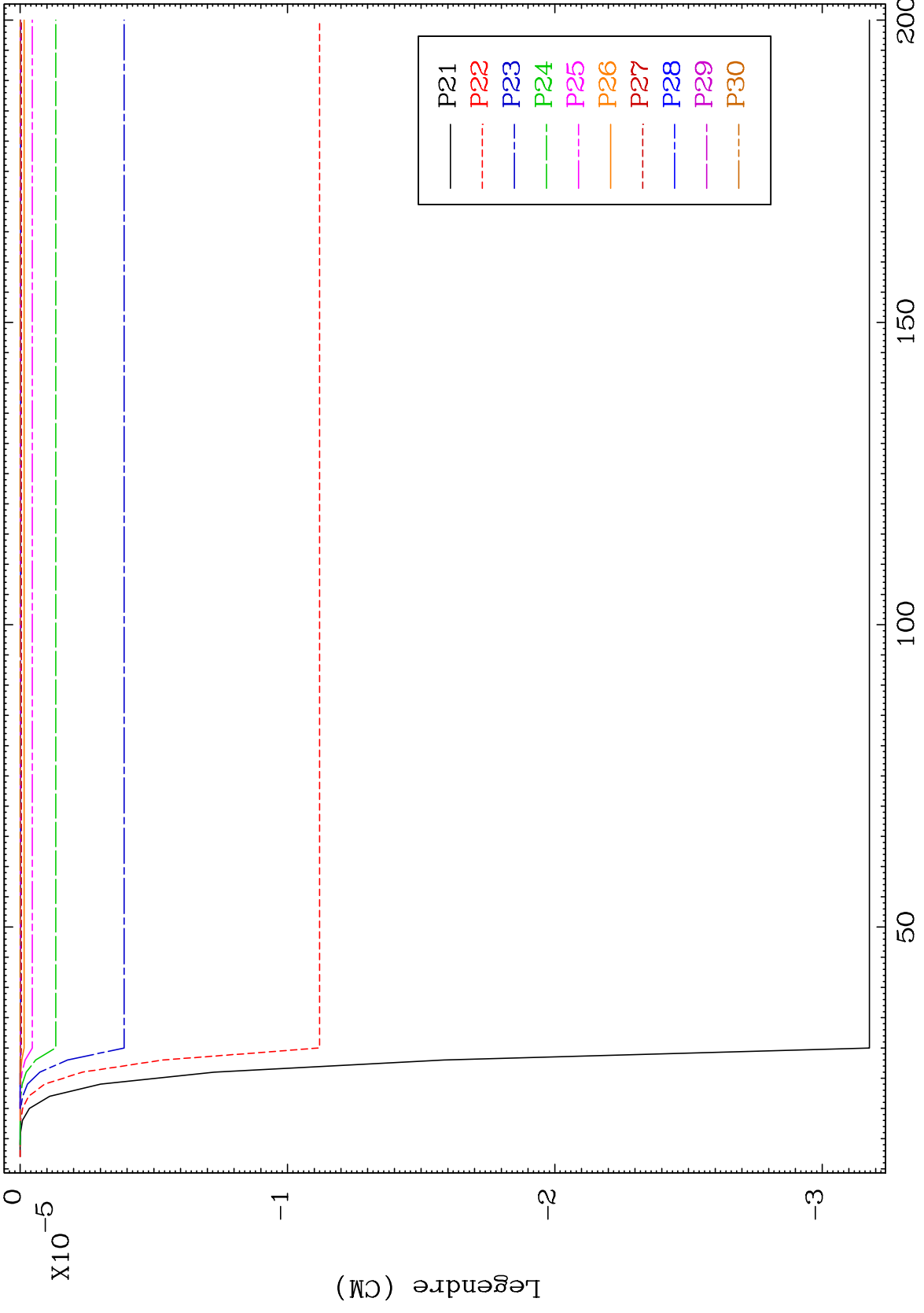


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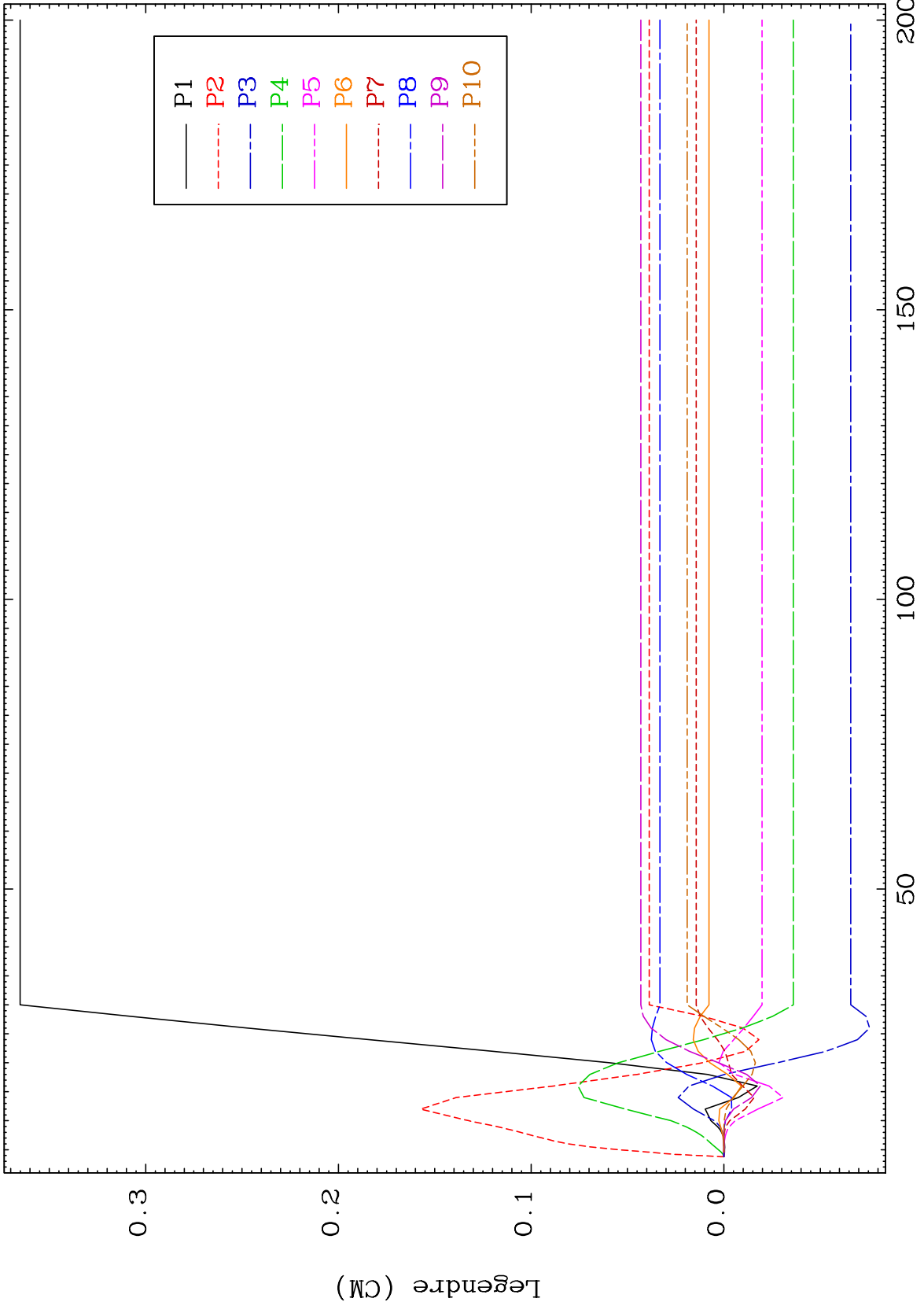
Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 62 (n,n') Level Legendre Coefficients 20-Ca-44



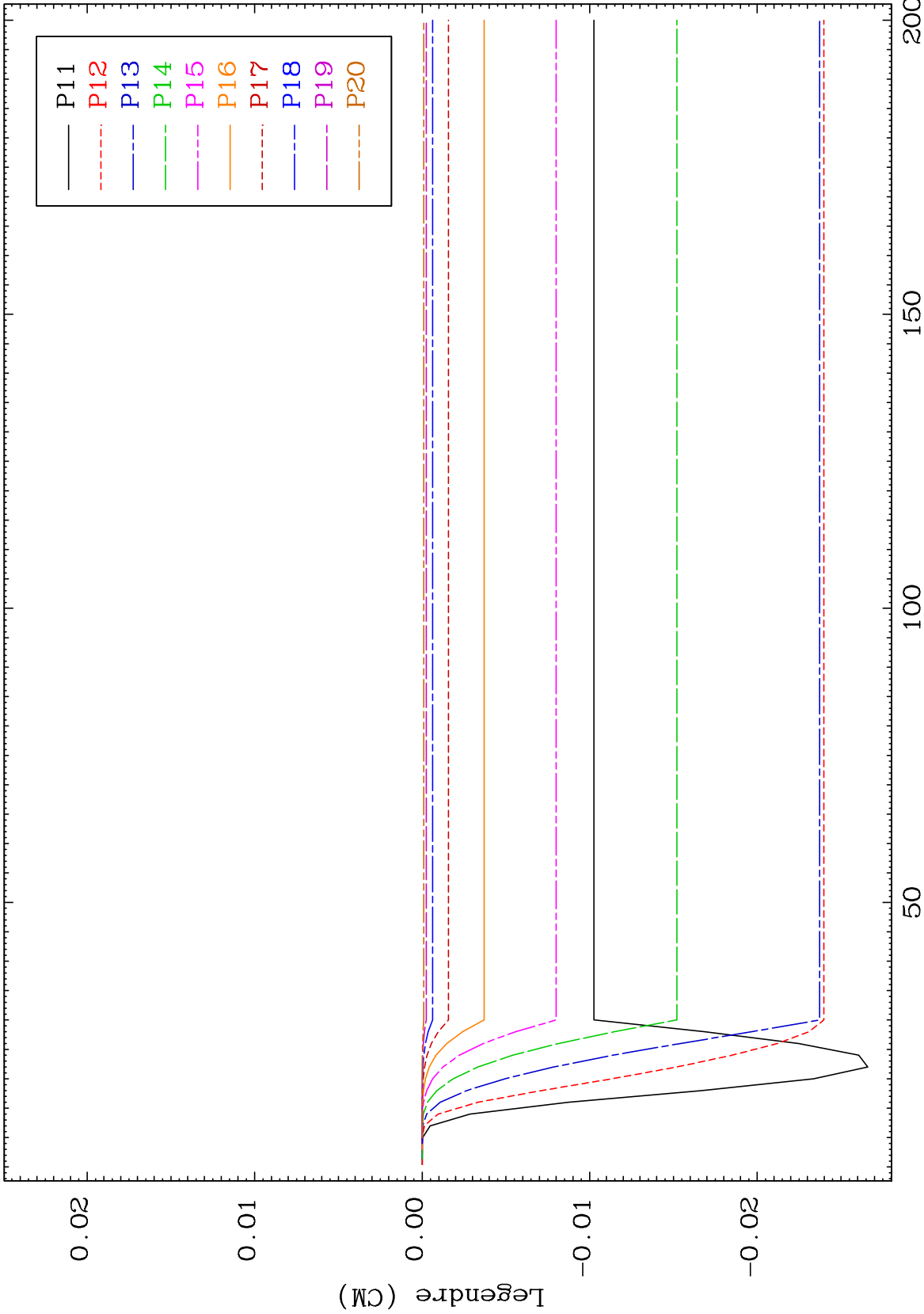
MAT 2037 MT= 63 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44



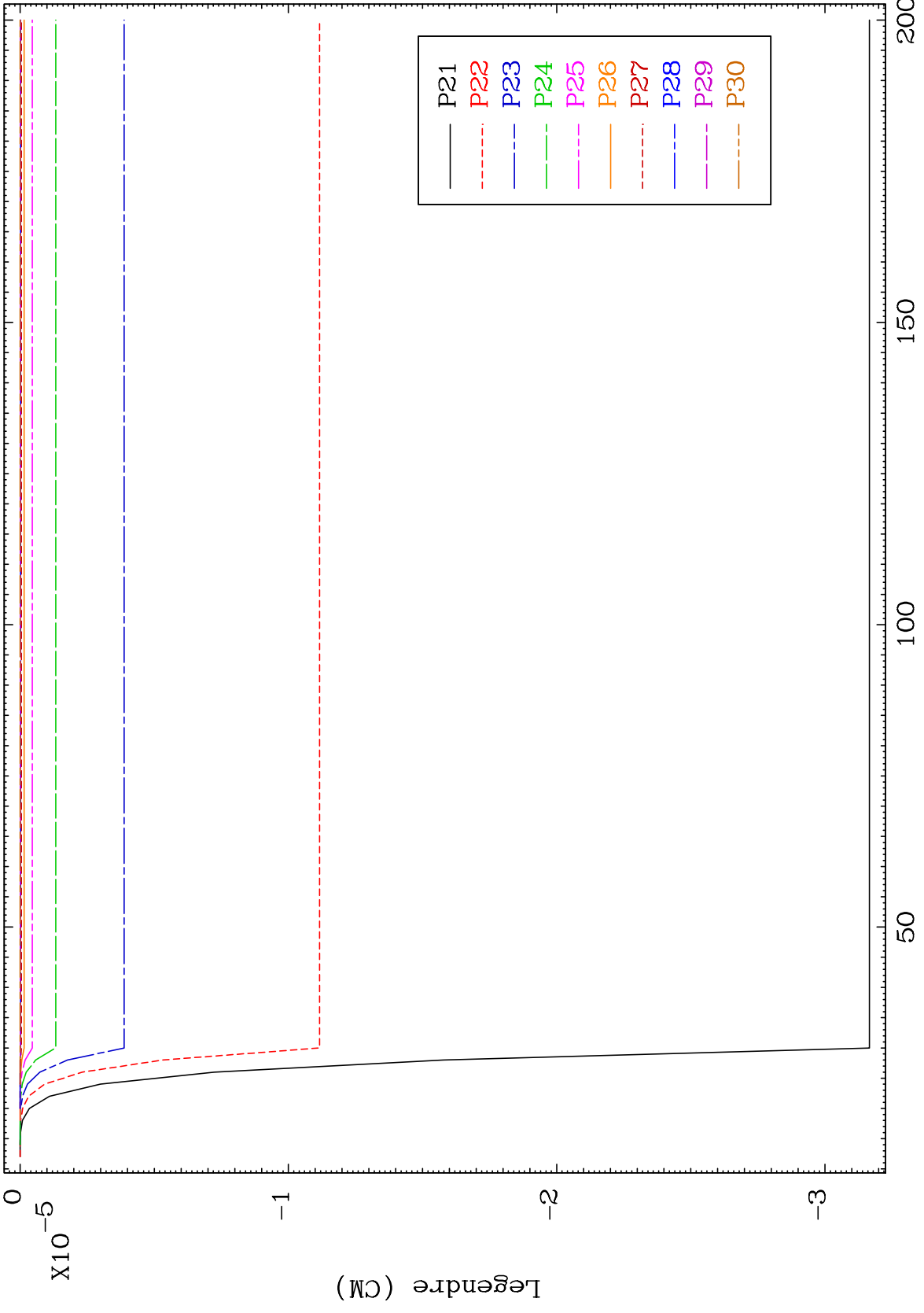
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Incident Energy (MeV)

20-Ca-44

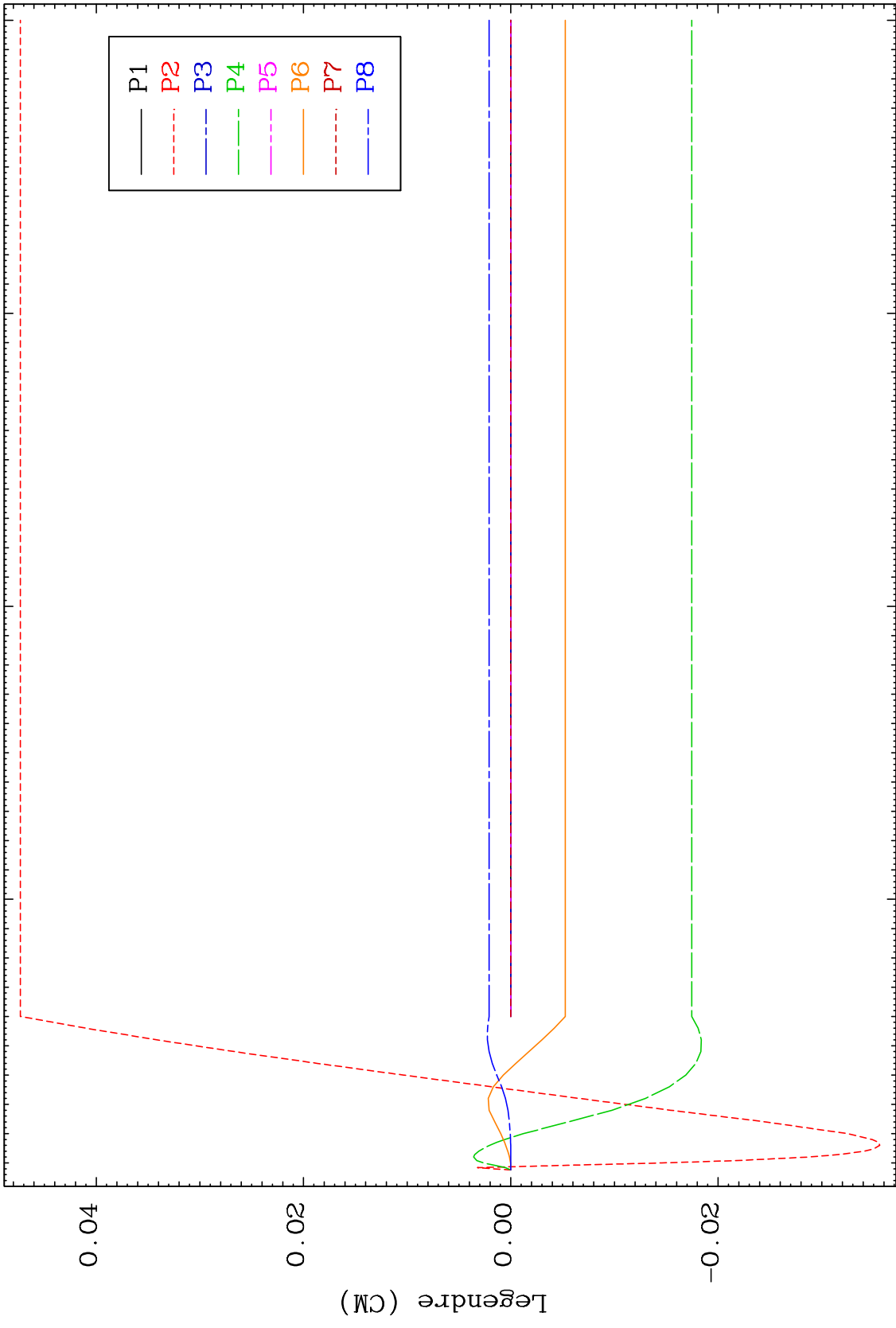


MAT 2037 MT= 63 (n,n') Level Legendre Coefficients 20-Ca-44



56 Incident Energy (MeV) 20-Ca-44

MAT 2037 MT= 64 (n,n') Level Legendre Coefficients 20-Ca-44

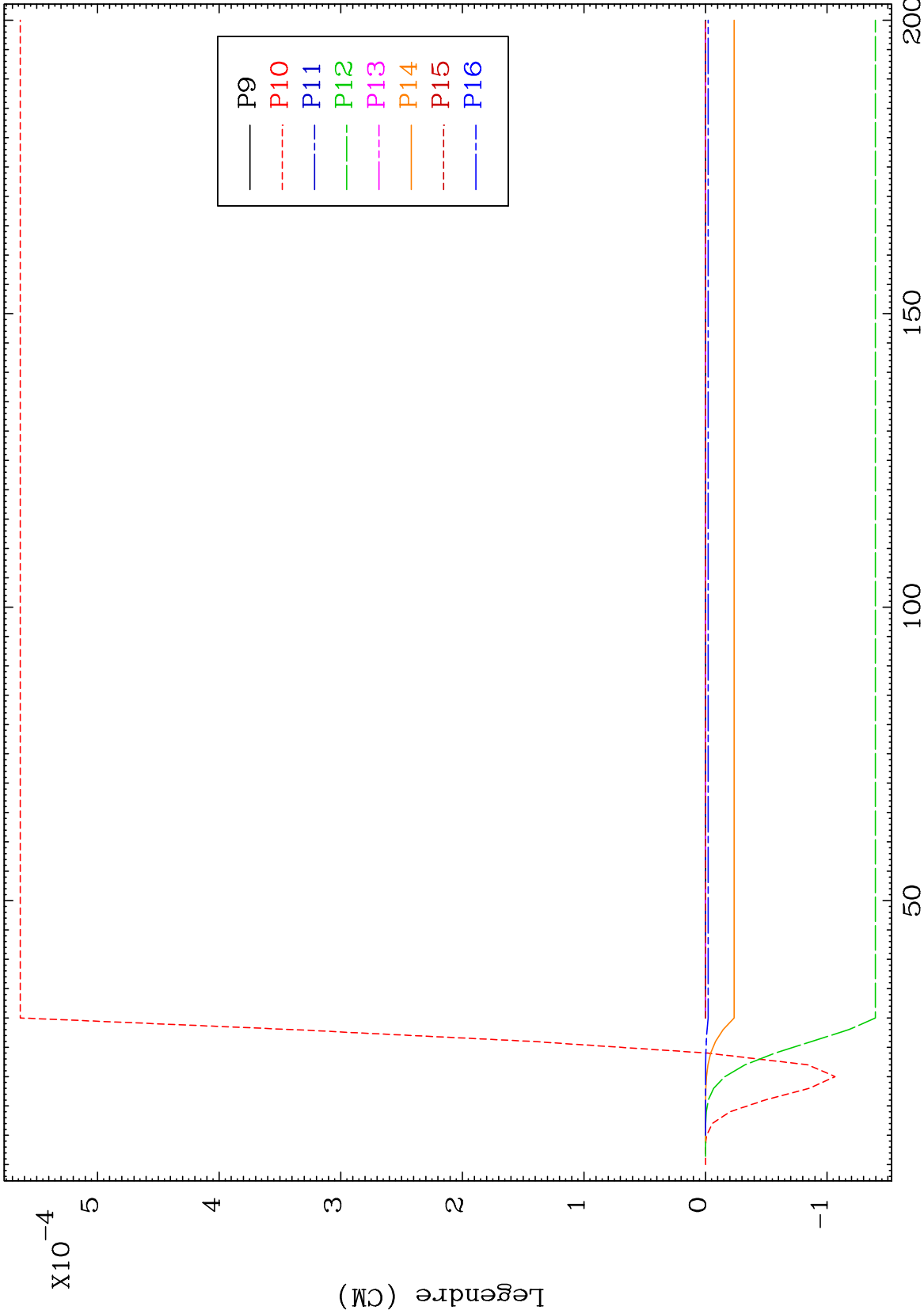


57 Incident Energy (MeV) 20-Ca-44

MAT 2037

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

20-Ca-44



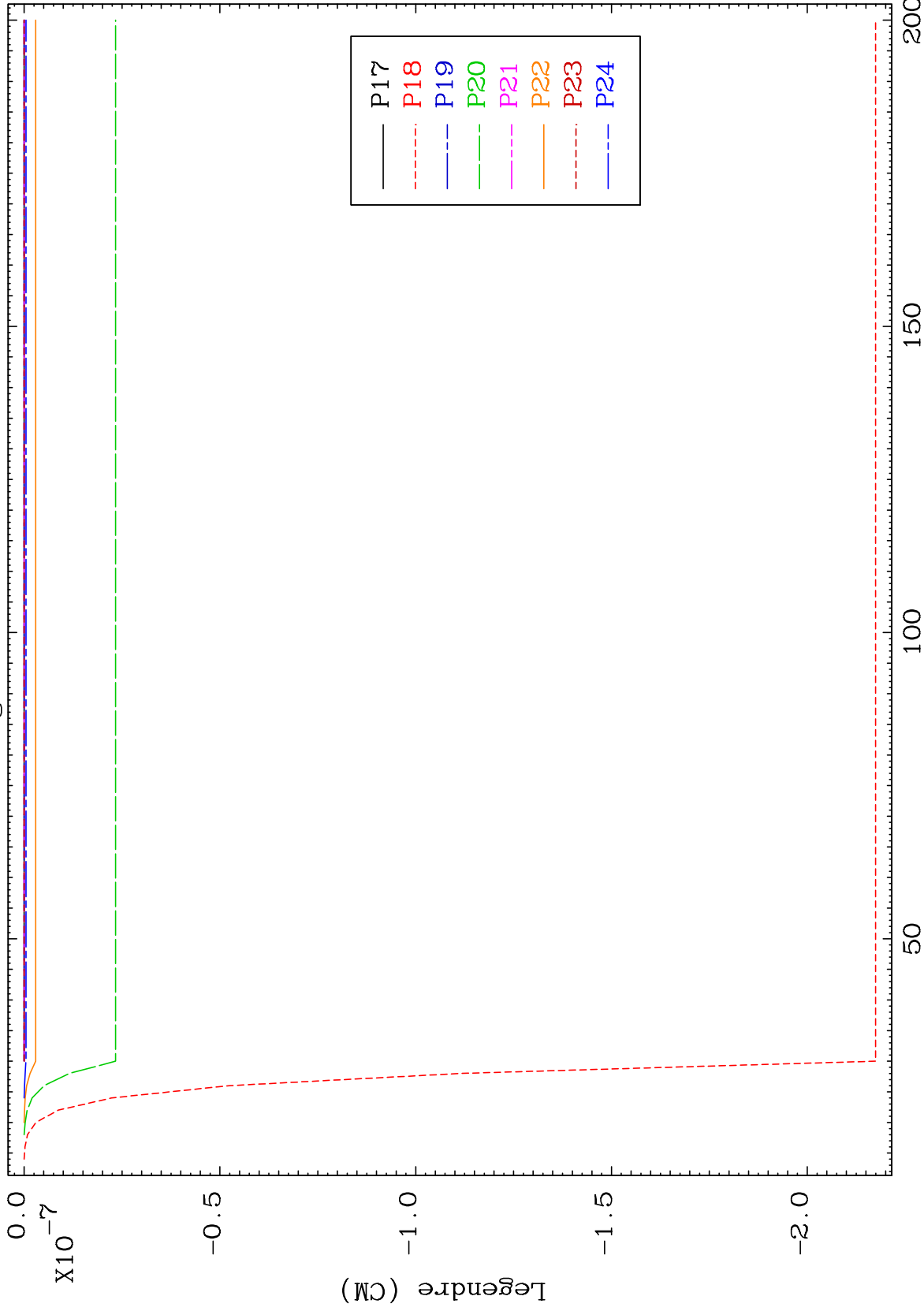
58

Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 64 (n,n') Level 20-Ca-44

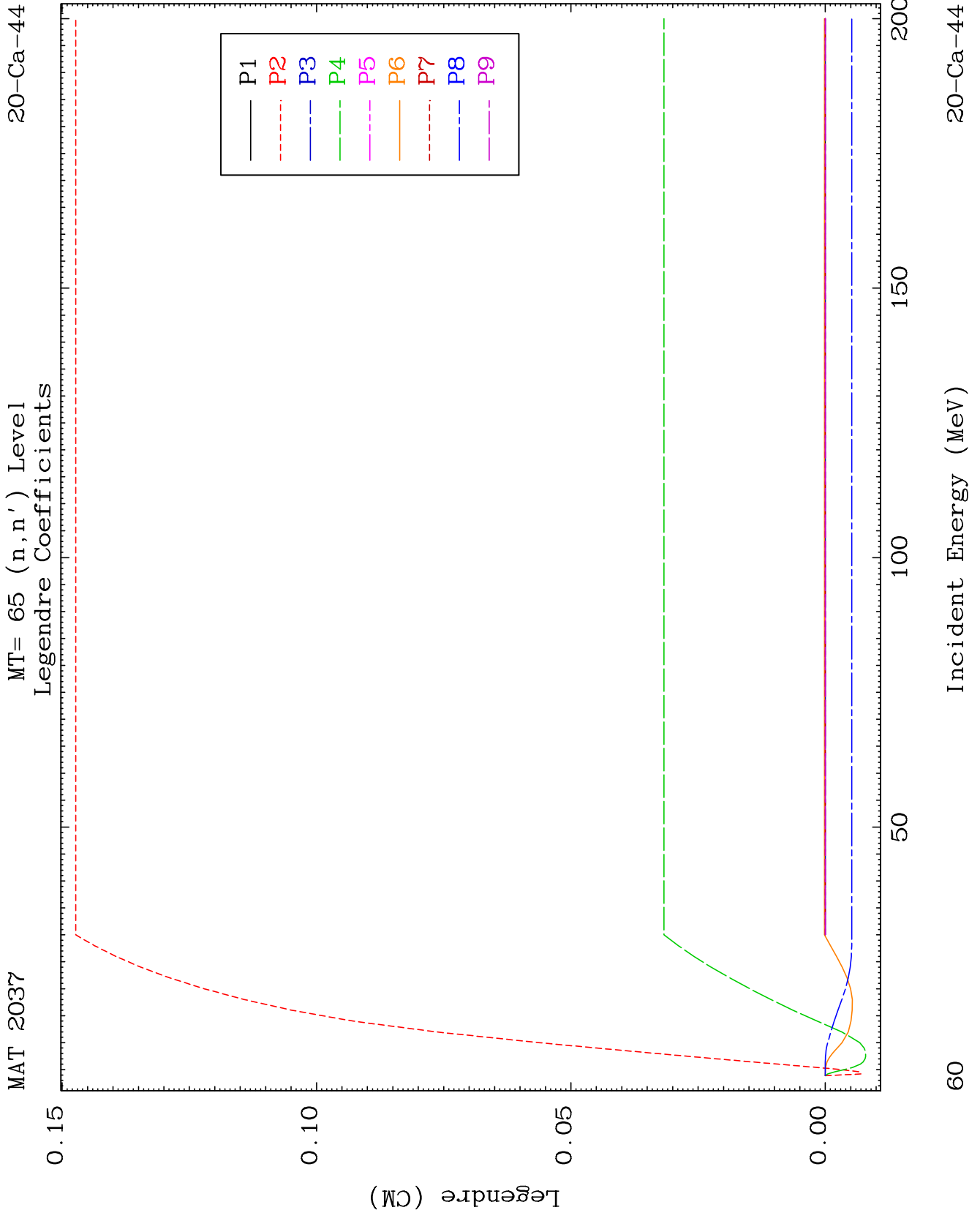
Legendre Coefficients



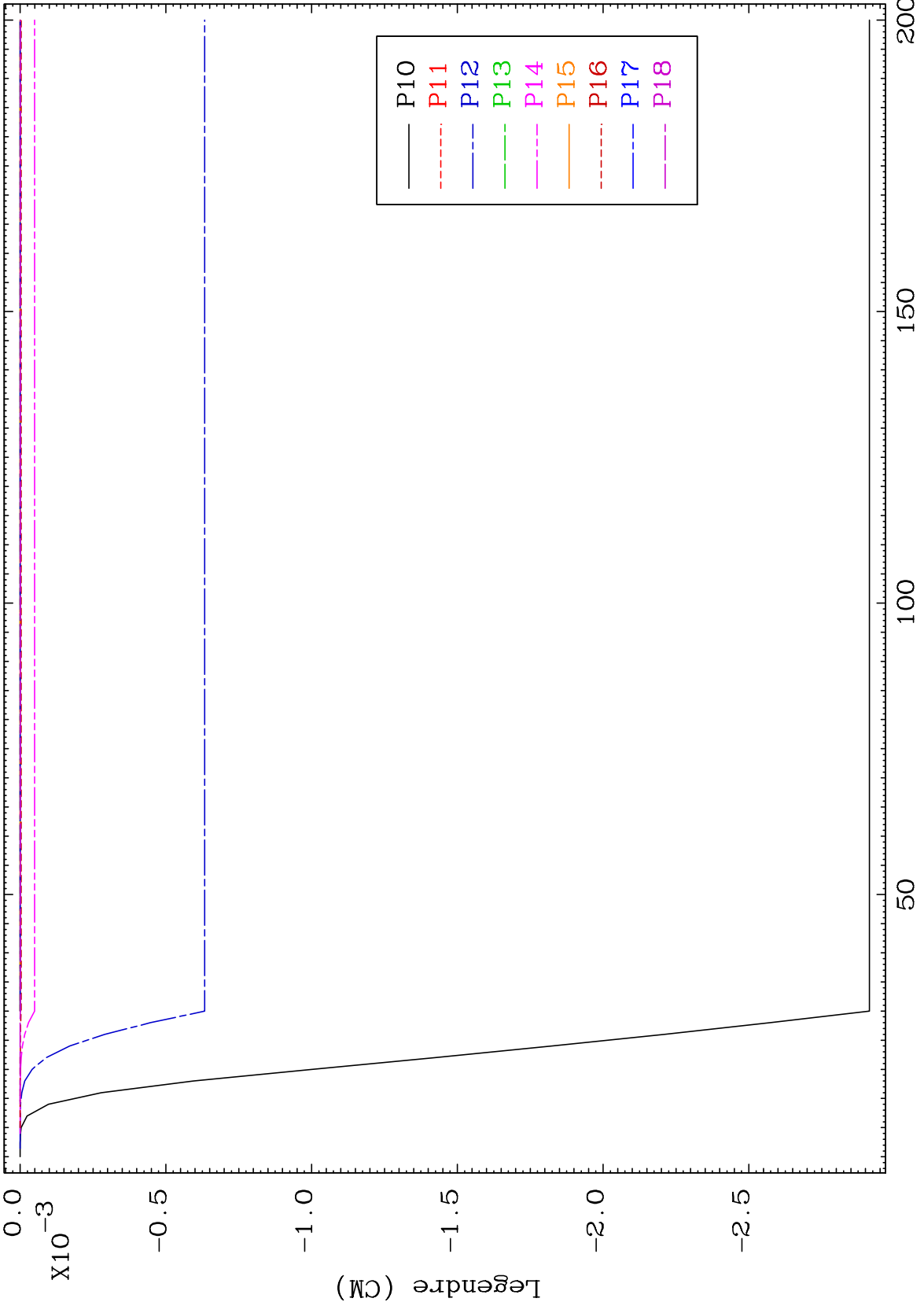
59

Incident Energy (MeV)

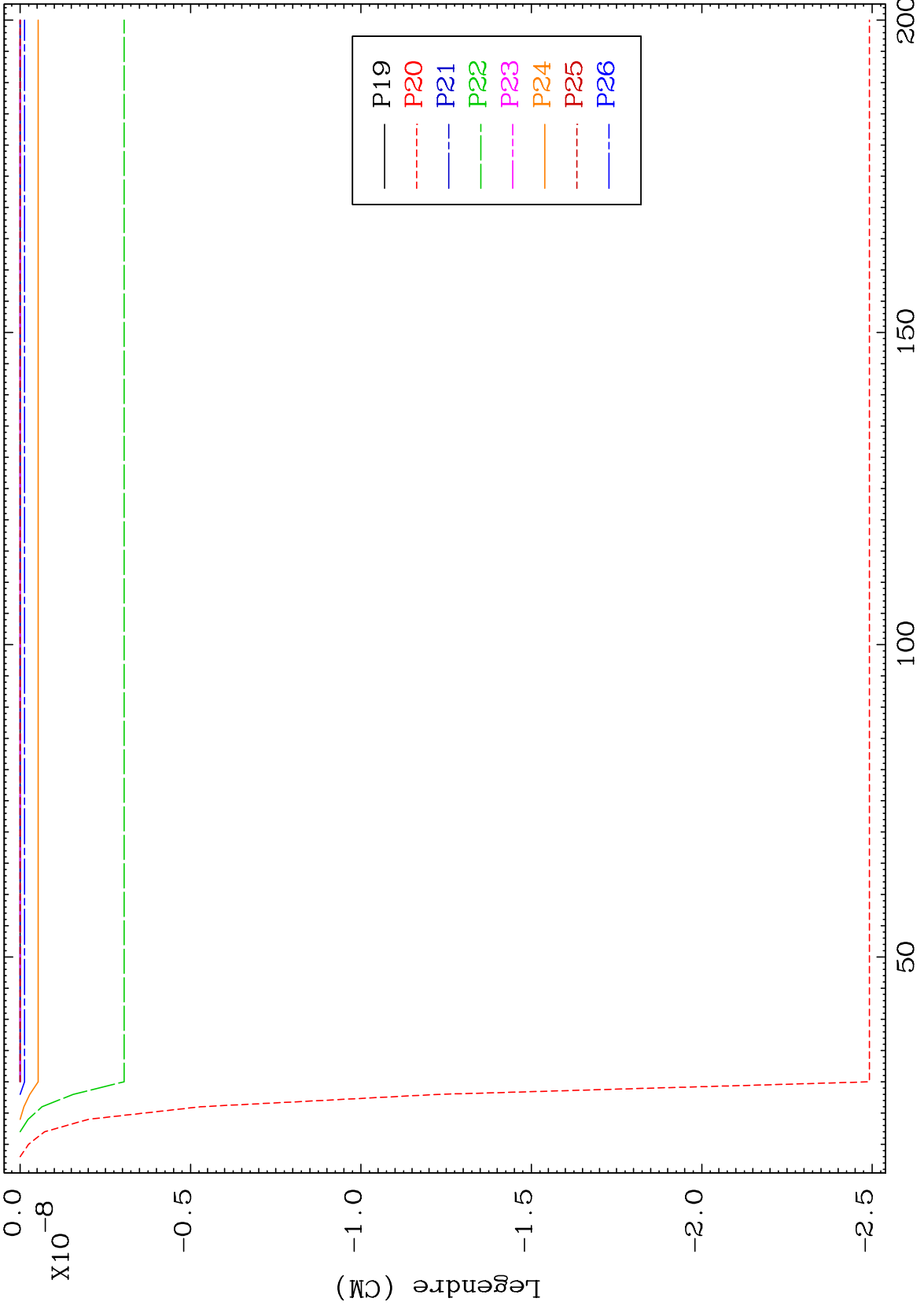
20-Ca-44



MAT 2037 MT= 65 (n,n') Level Legendre Coefficients 20-Ca-44

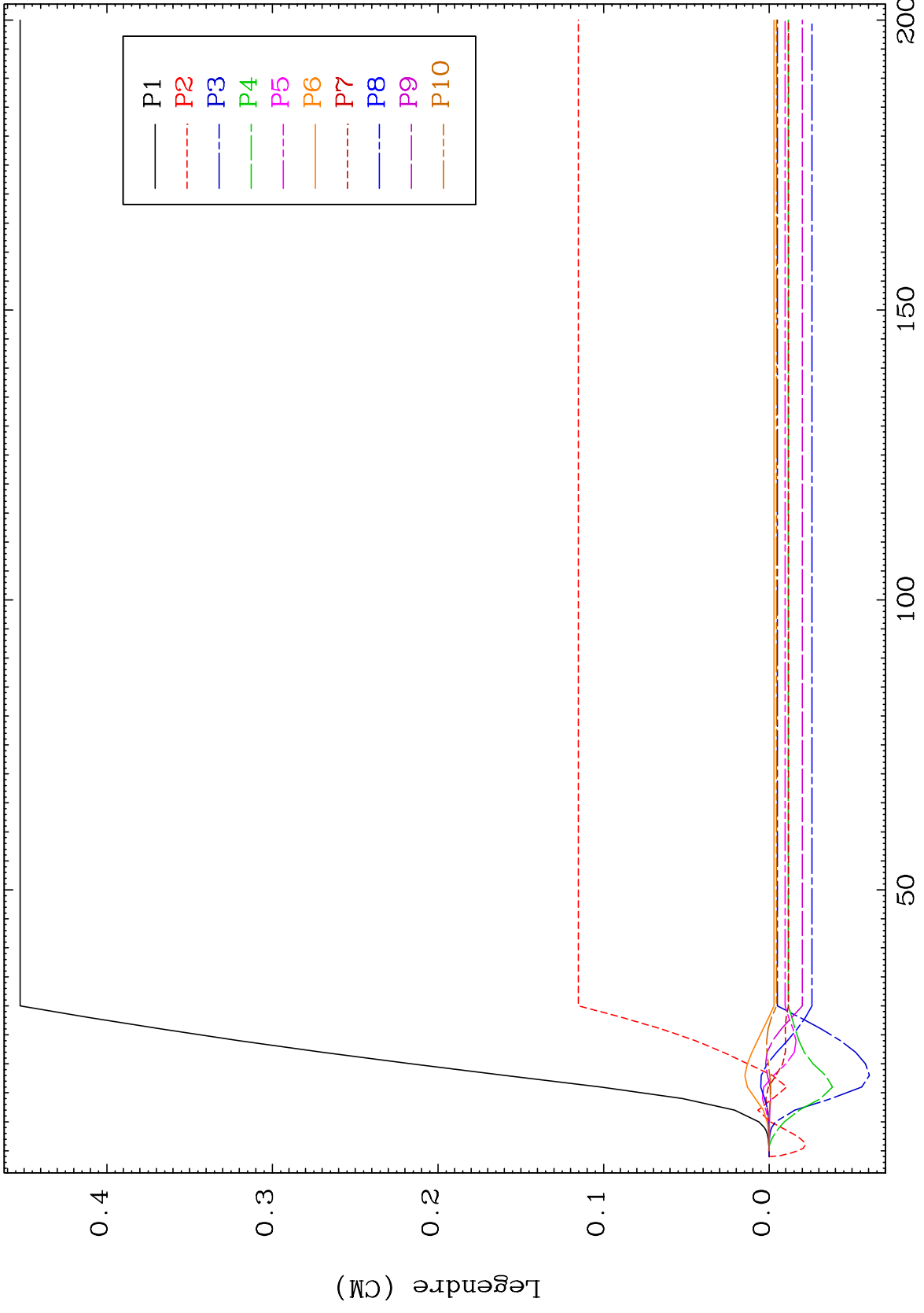


MAT 2037 MT= 65 (n,n') Level Legendre Coefficients 20-Ca-44



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MAT 2037 MT= 66 (n,n') Level Legendre Coefficients 20-Ca-44

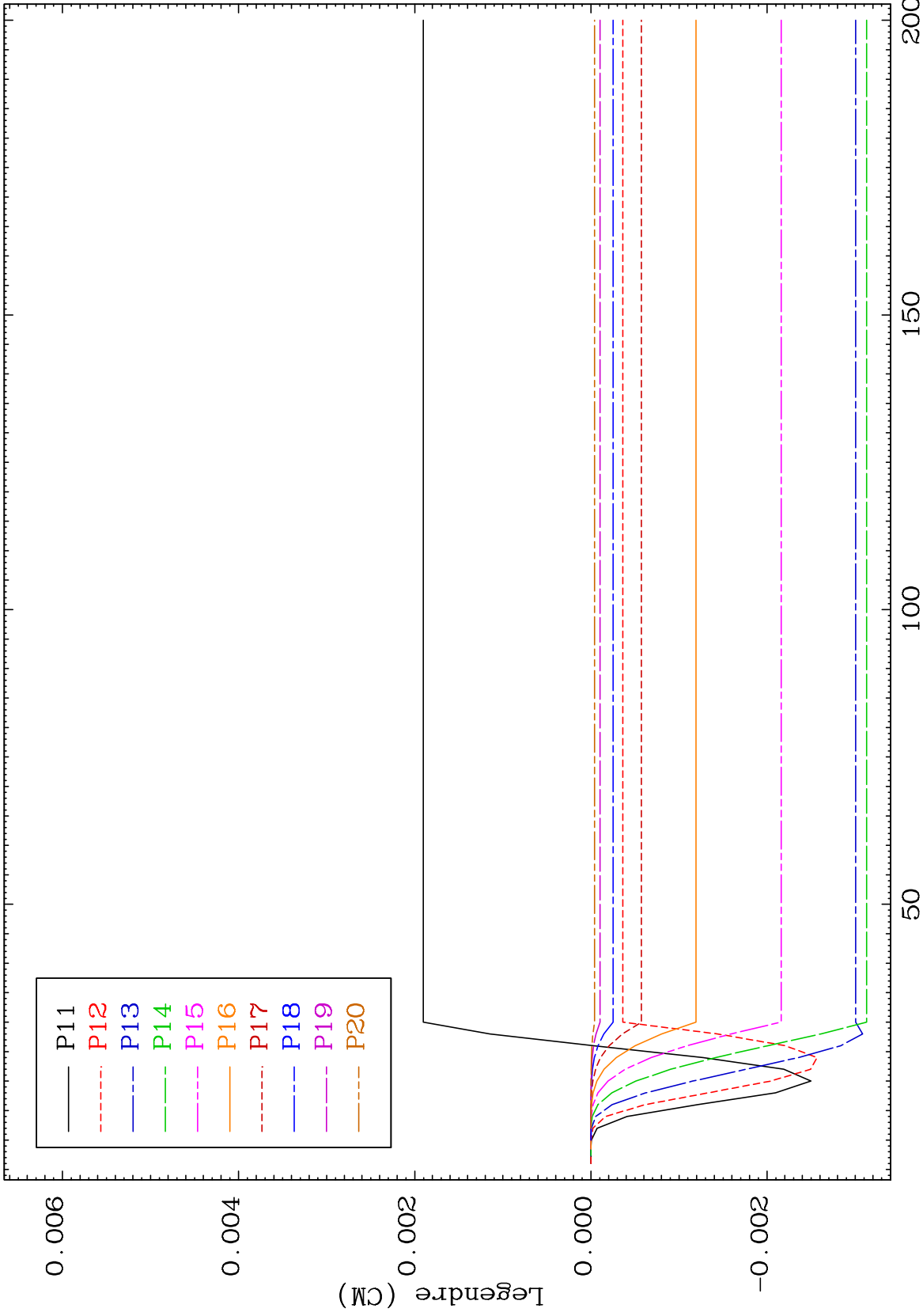




MAT 2037

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

20-Ca-44

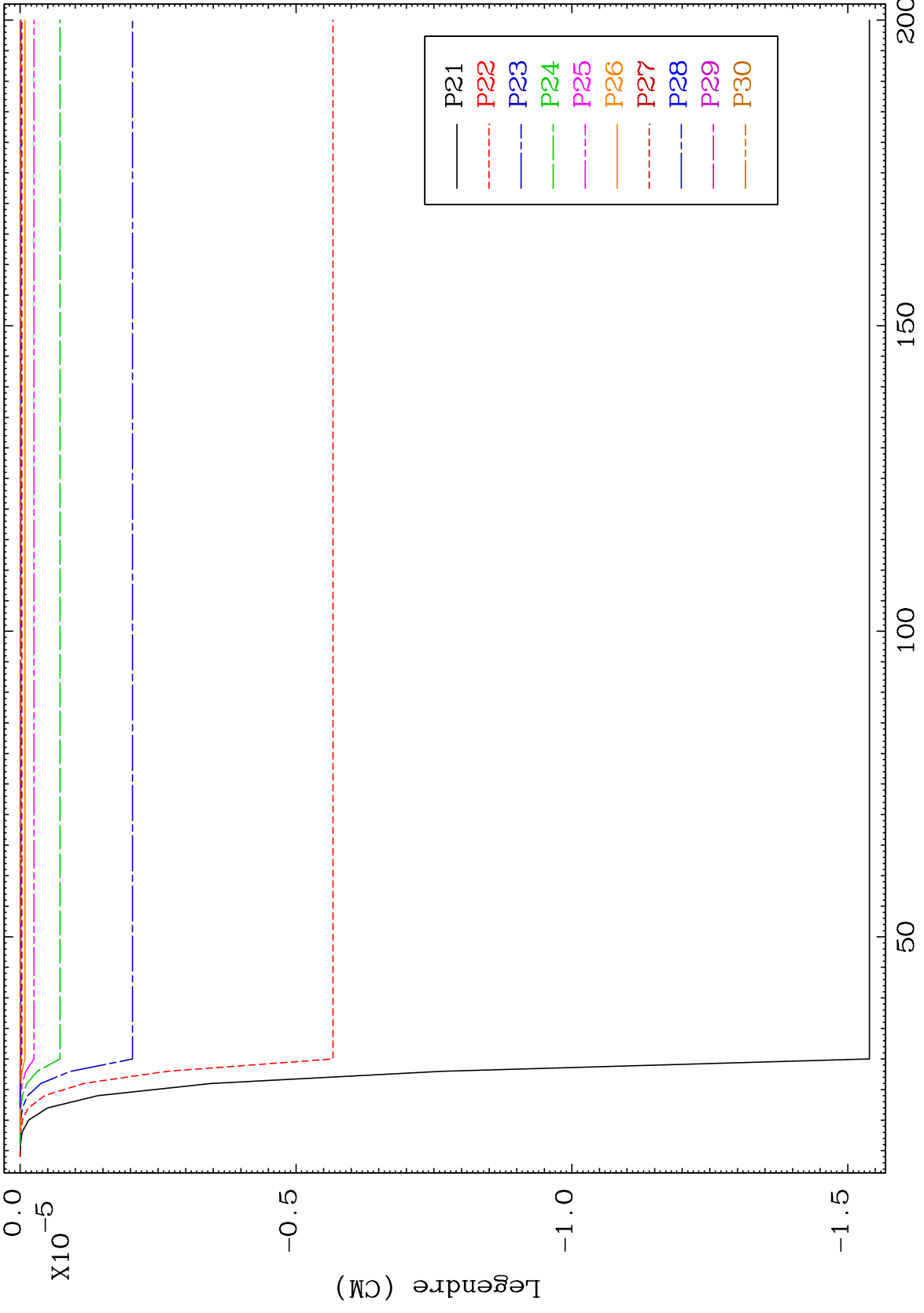


64

Incident Energy (MeV)

20-Ca-44

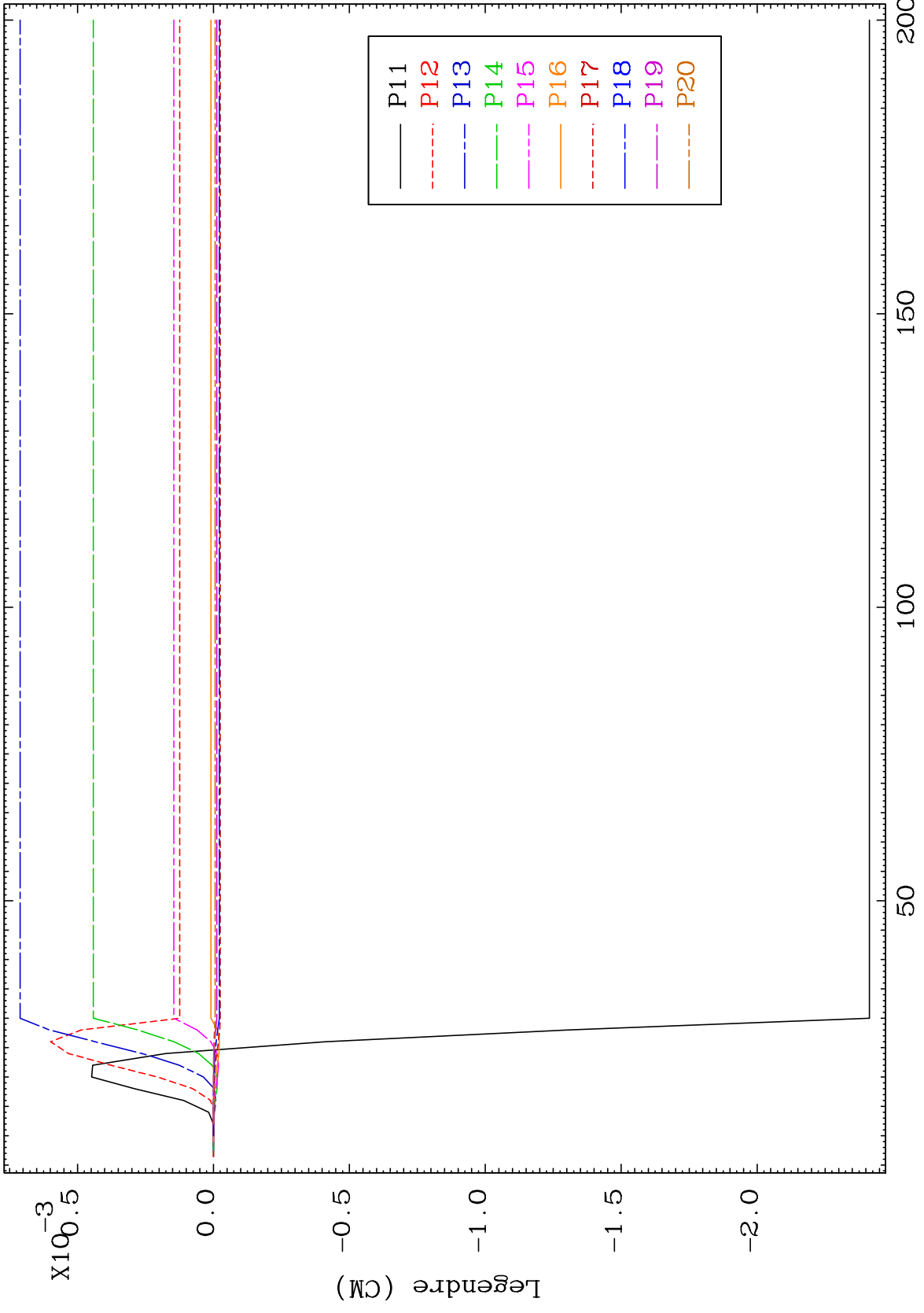
MAT 2037 MT= 66 (n,n') Level Legendre Coefficients 20-Ca-44



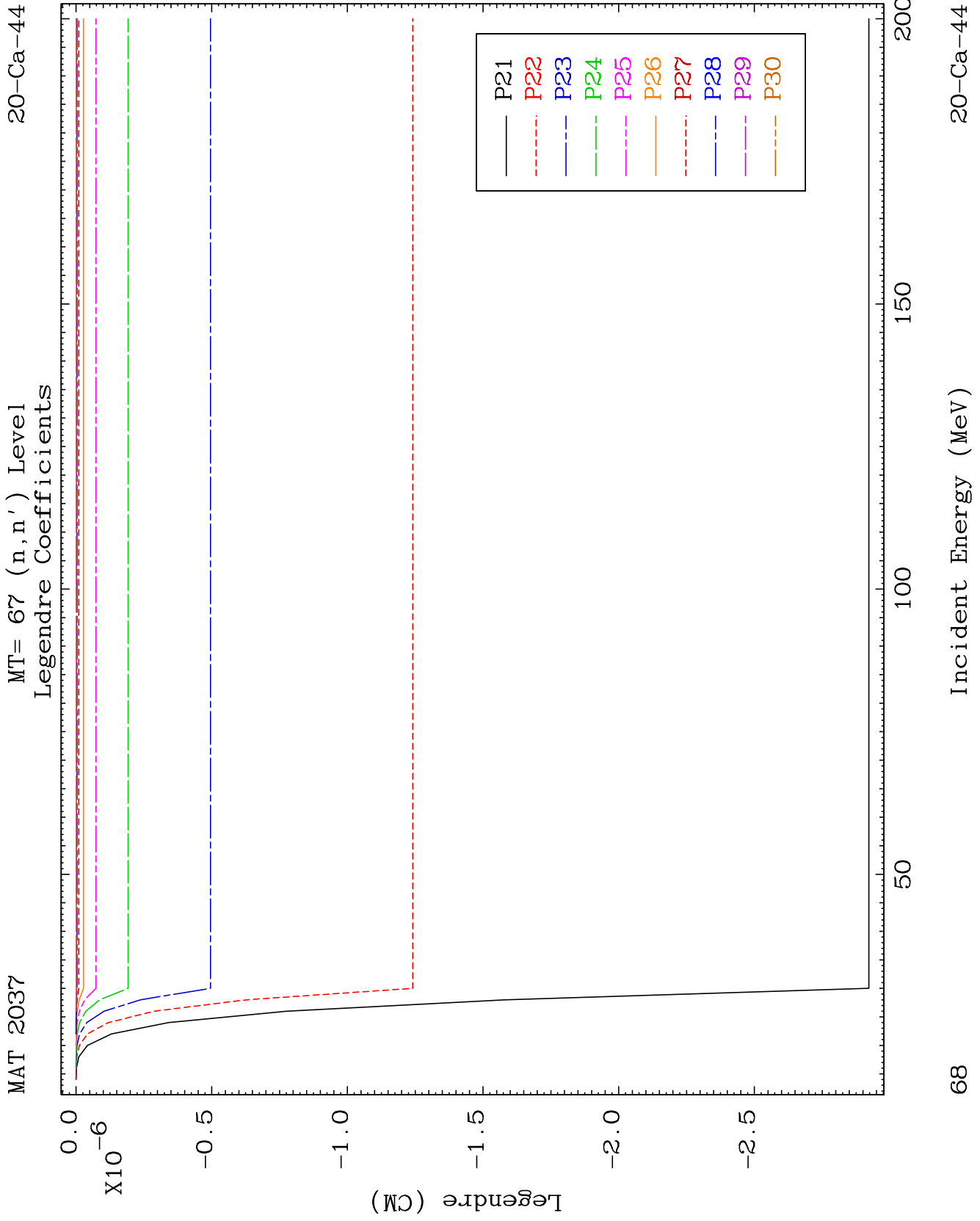
65 Incident Energy (MeV) 20-Ca-44



MAT 2037 MT= 67 (n,n') Level Legendre Coefficients 20-Ca-44

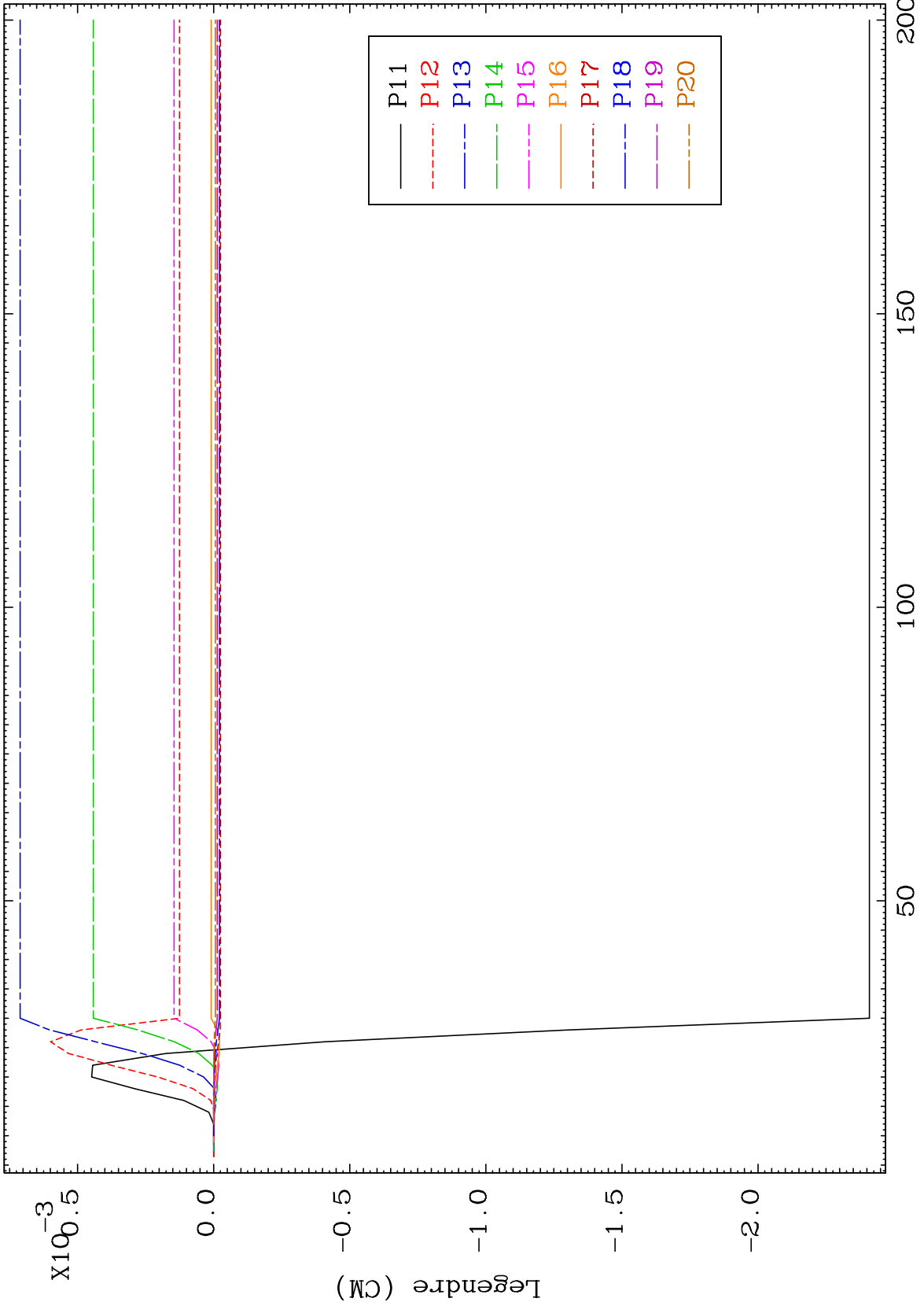


67 20-Ca-44

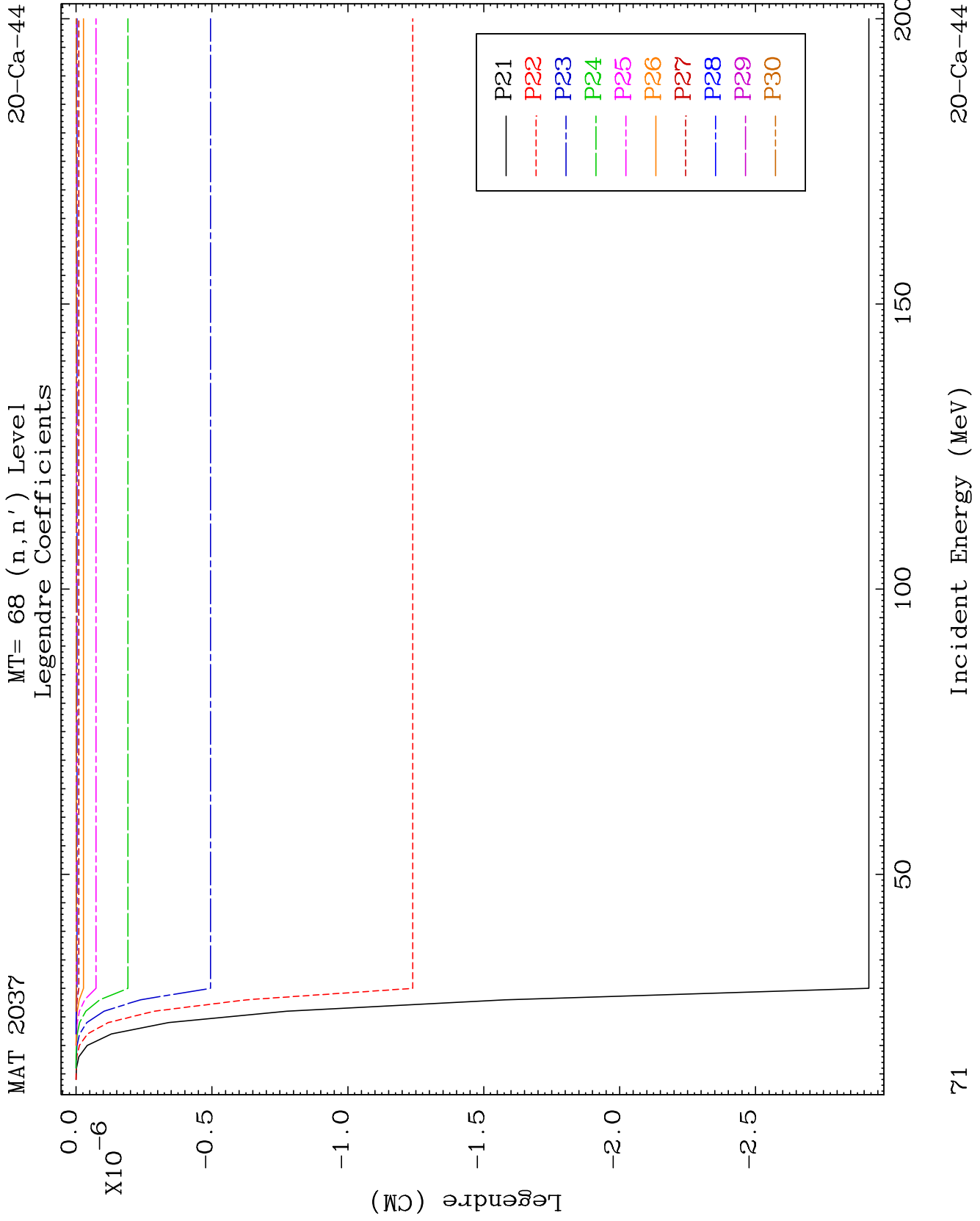




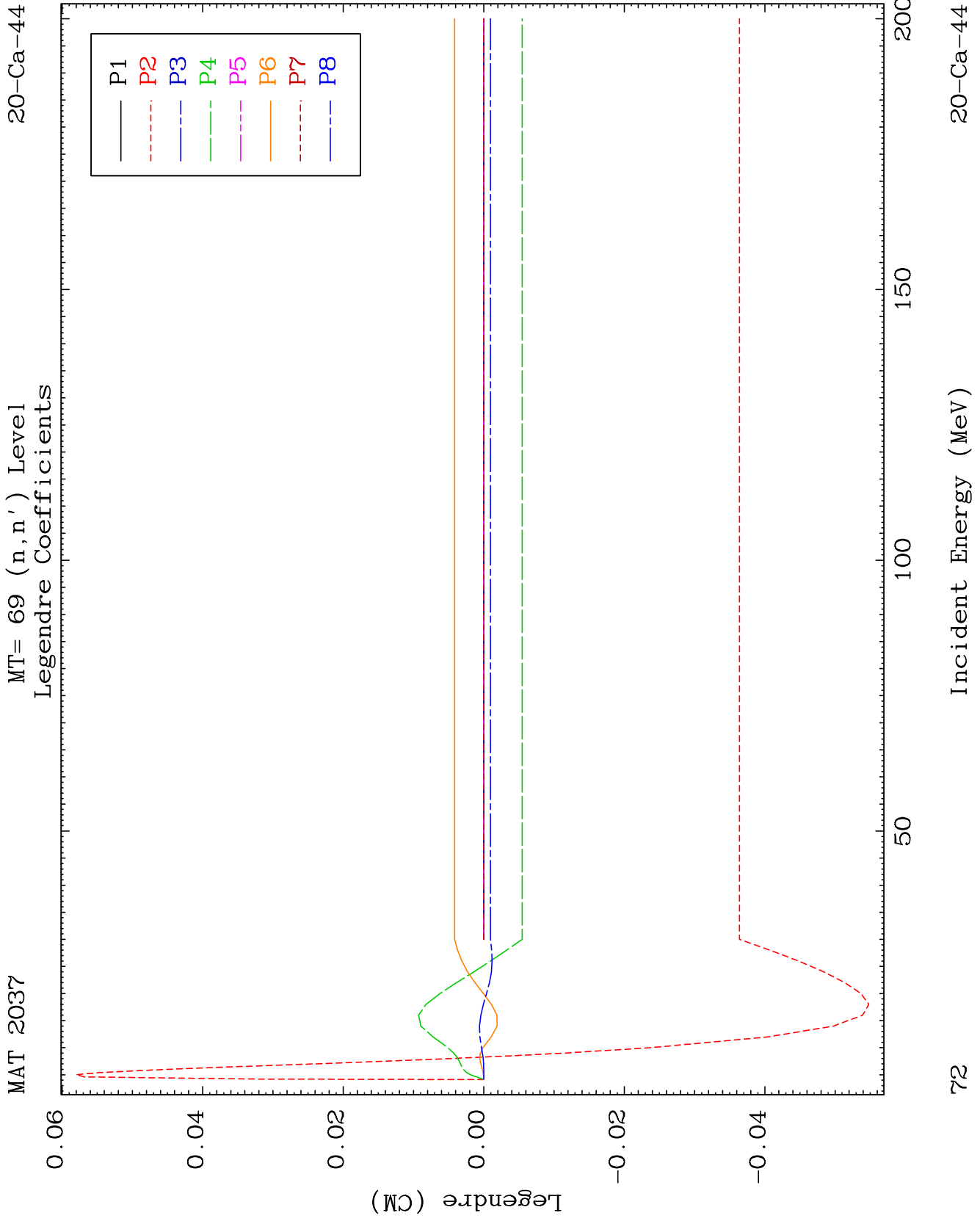
MAT 2037 MT= 68 (n,n') Level Legendre Coefficients 20-Ca-44



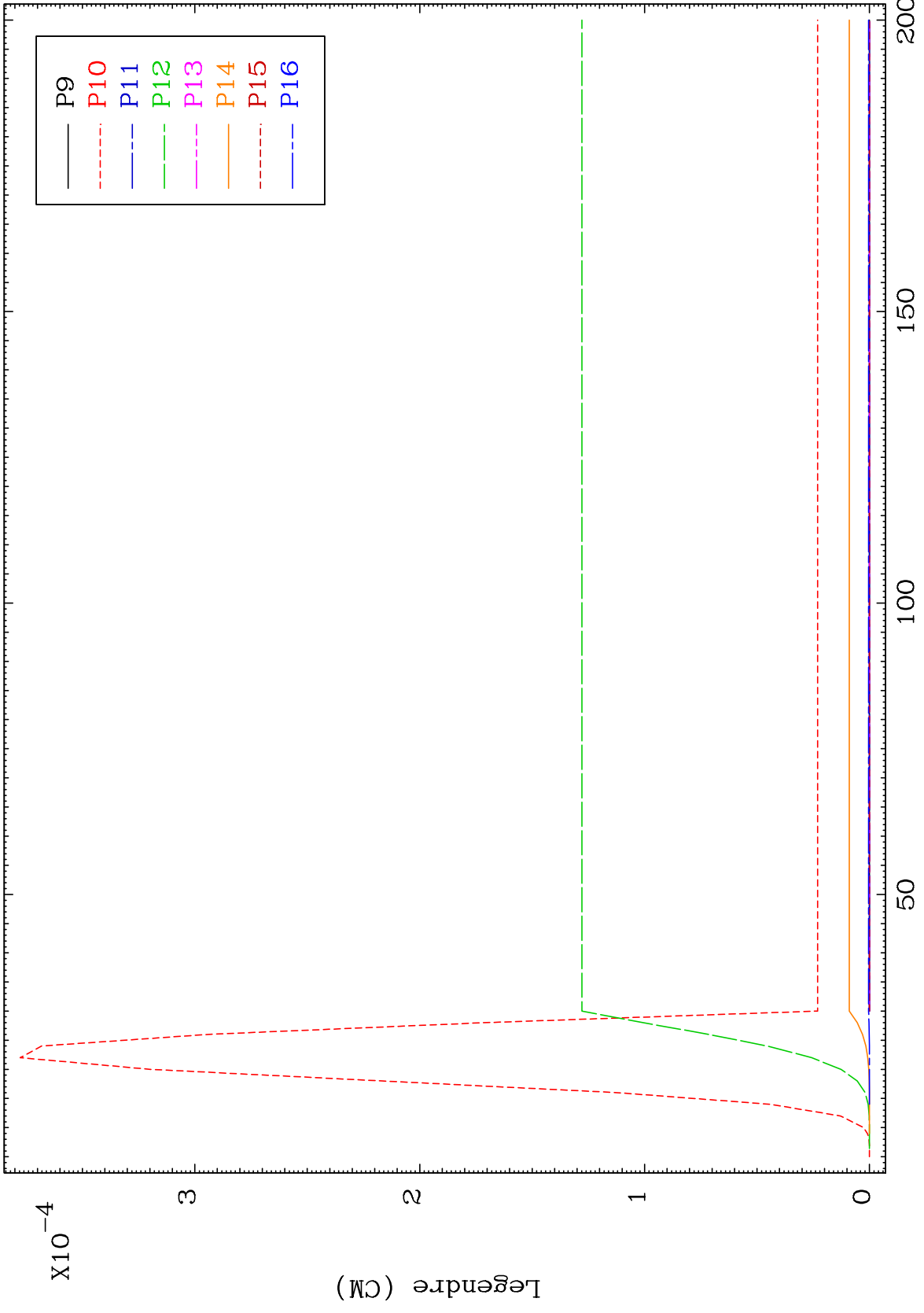
70 Incident Energy (MeV) 20-Ca-44





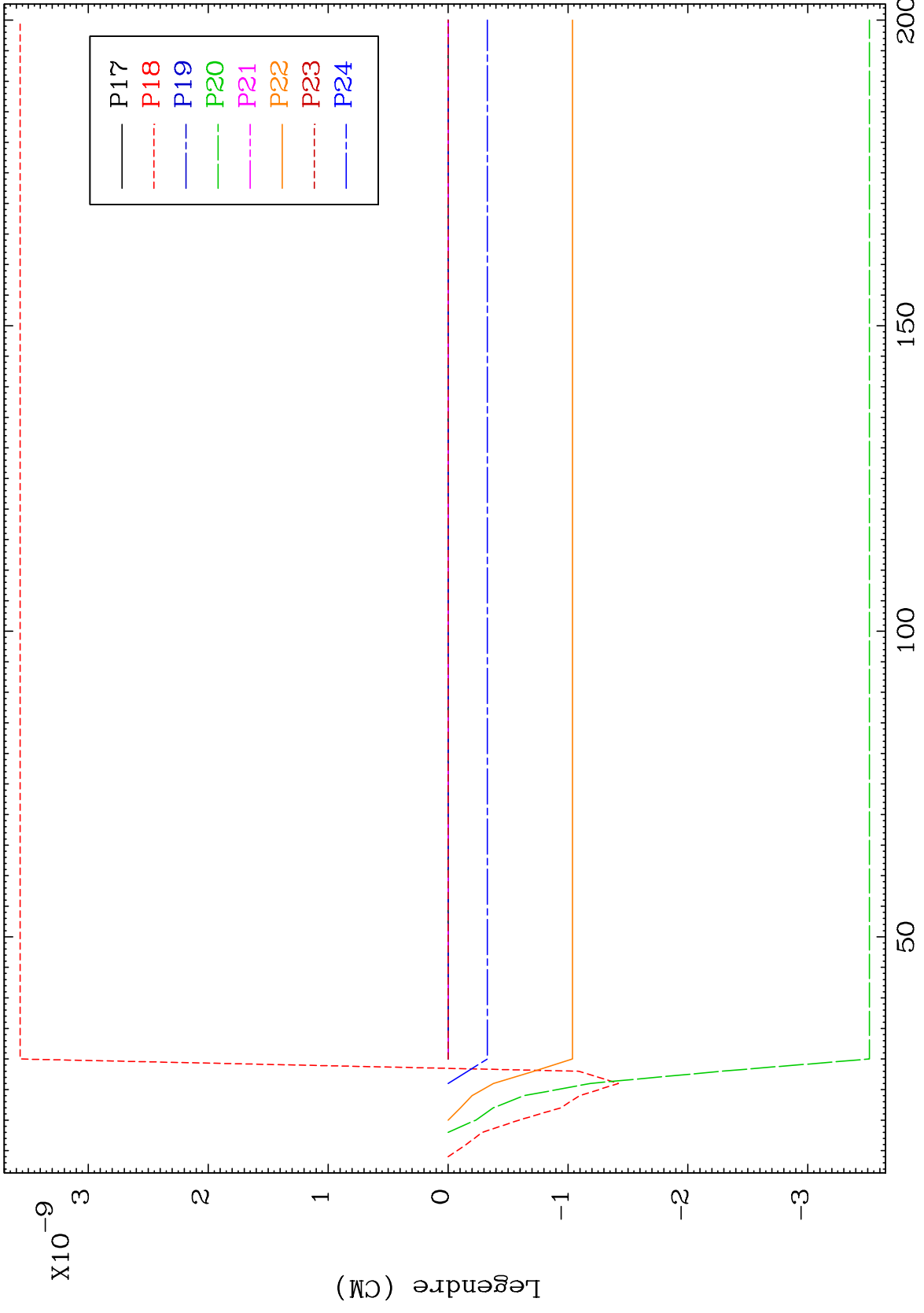


MAT 2037 MT= 69 (n,n') Level Legendre Coefficients 20-Ca-44

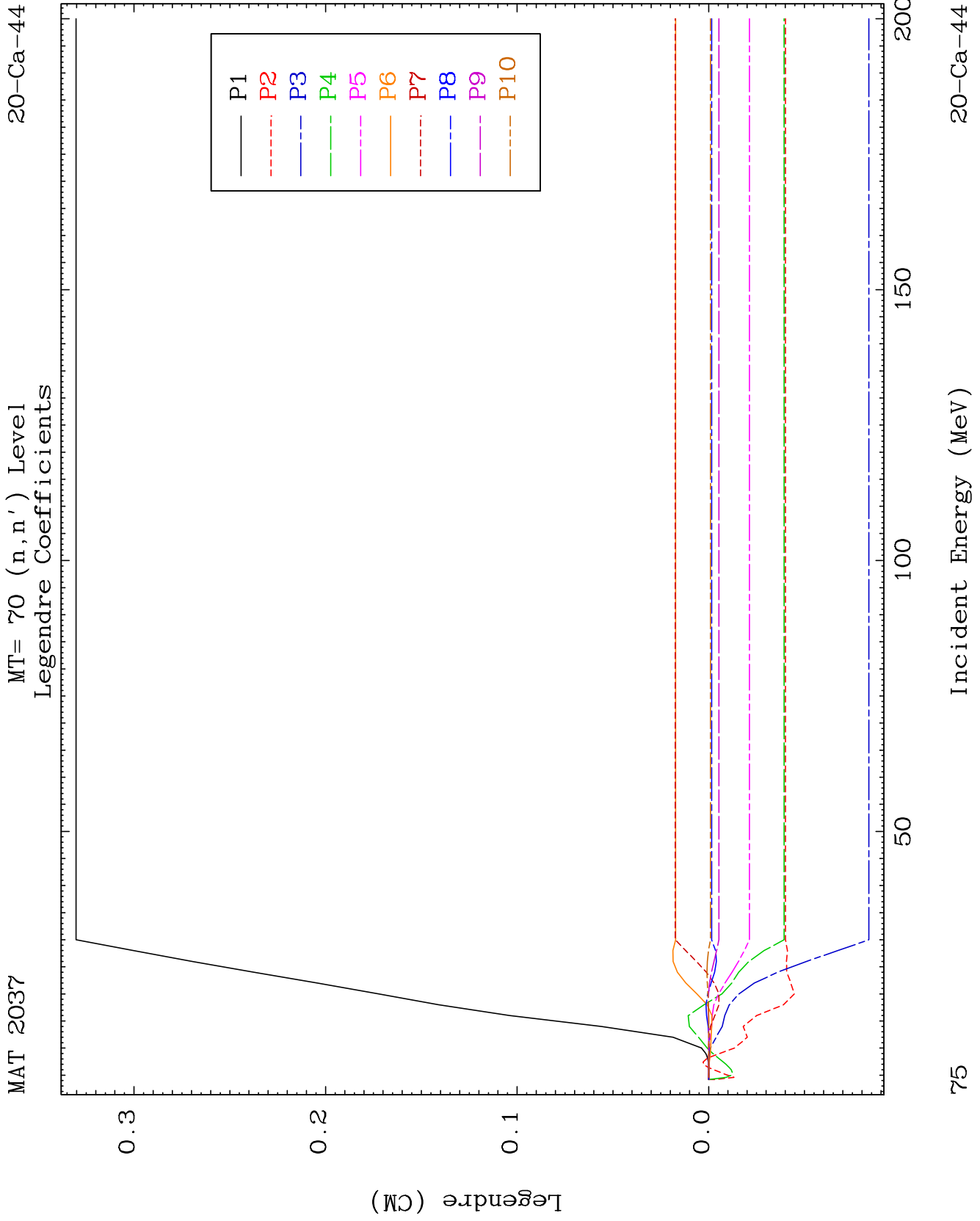


73 Incident Energy (MeV) 20-Ca-44

MAT 2037 MT= 69 (n,n') Level Legendre Coefficients 20-Ca-44



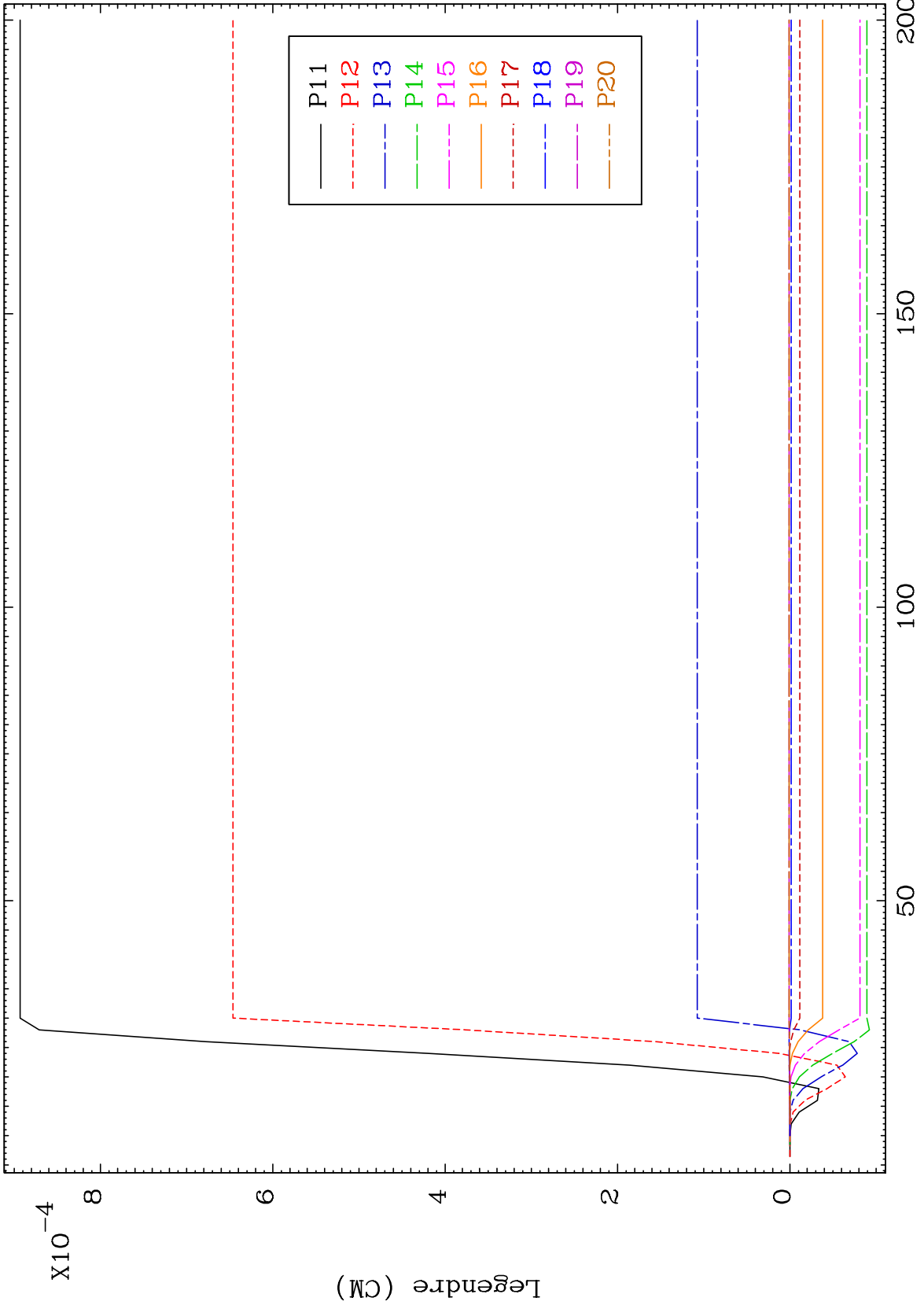
74 20-Ca-44



MAT 2037

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

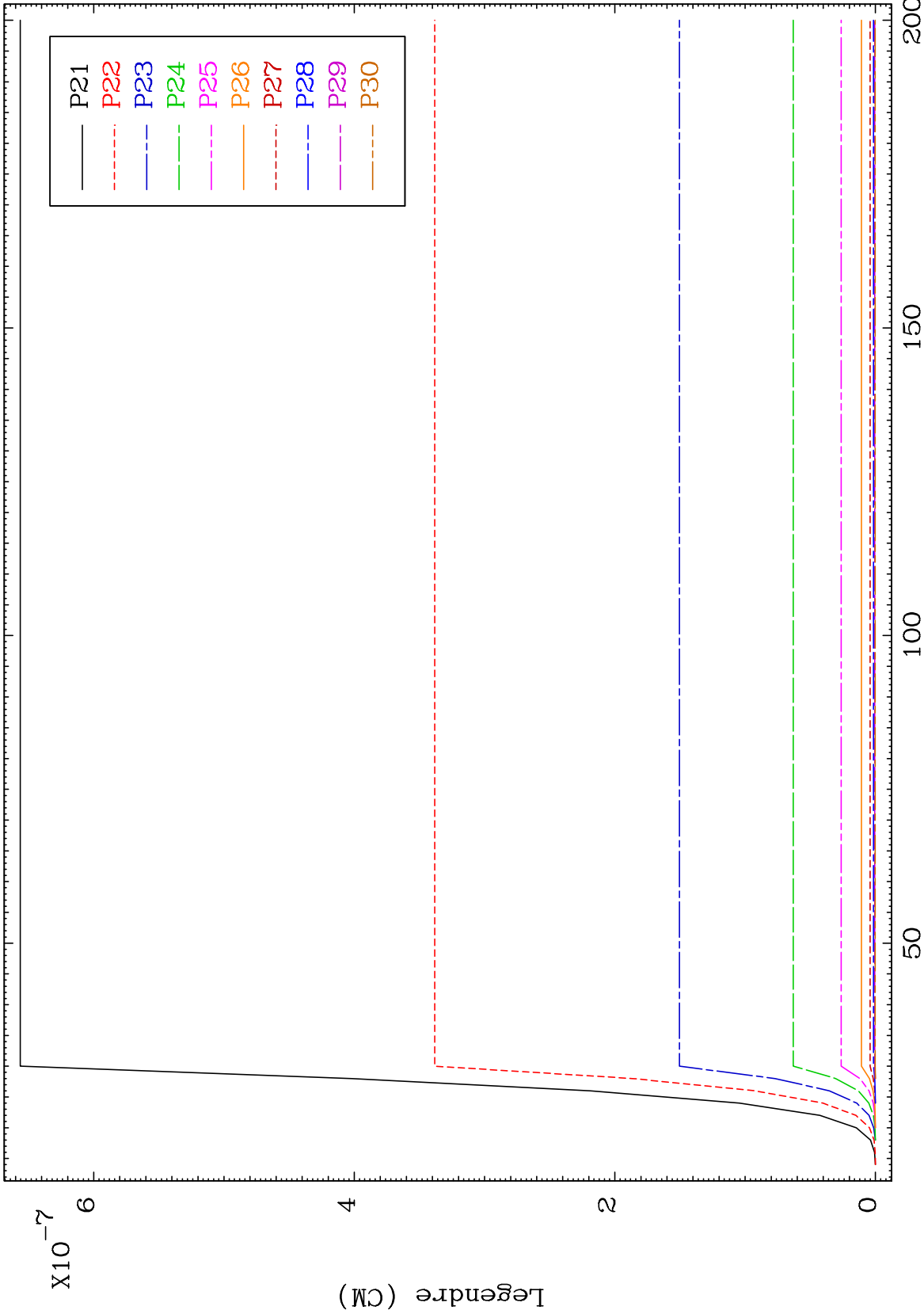
20-Ca-44



MAT 2037

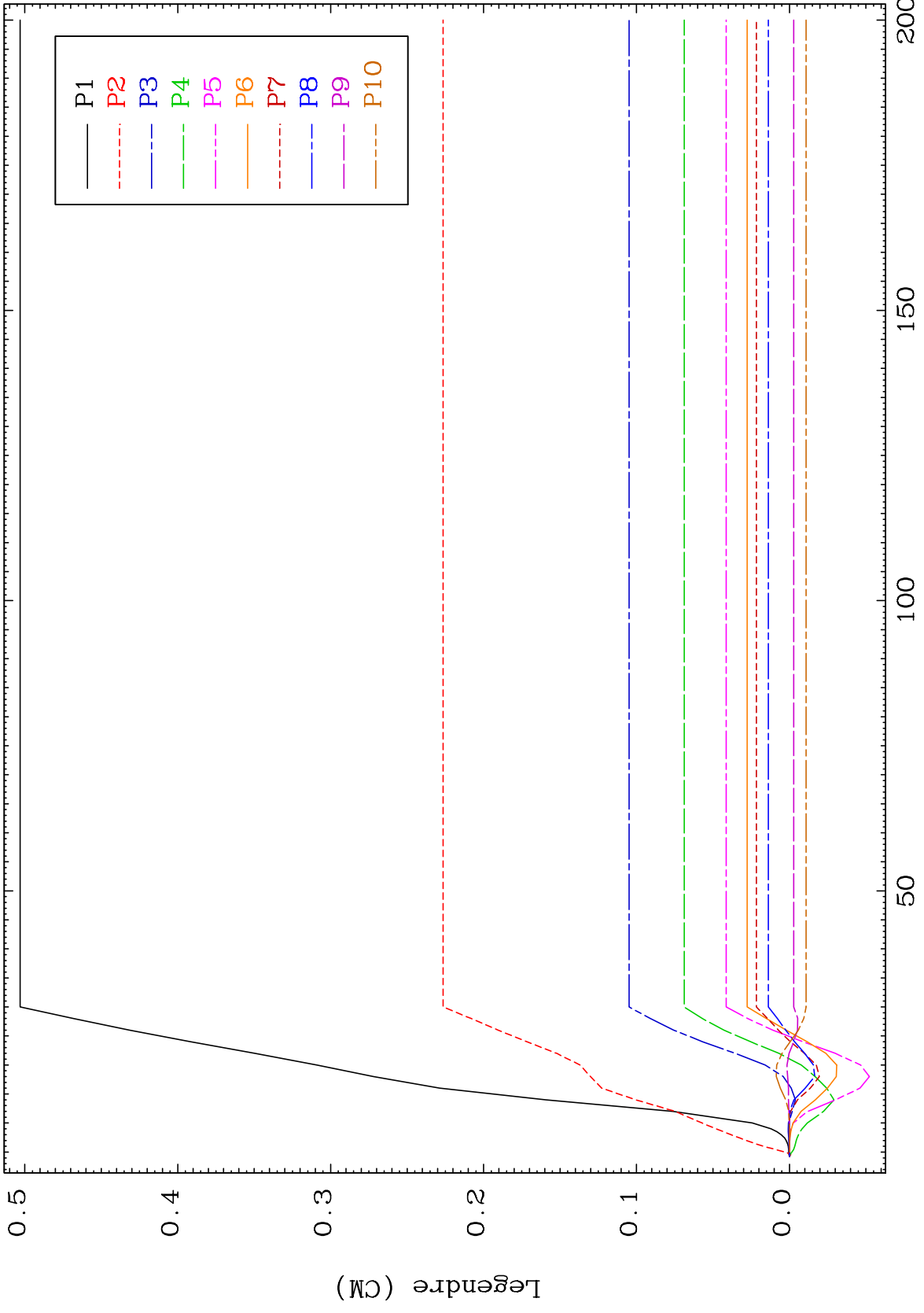
MT= 70 (n,n') Level  
Legendre Coefficients

20-Ca-44



77

MAT 2037 MT= 71 (n,n') Level Legendre Coefficients 20-Ca-44

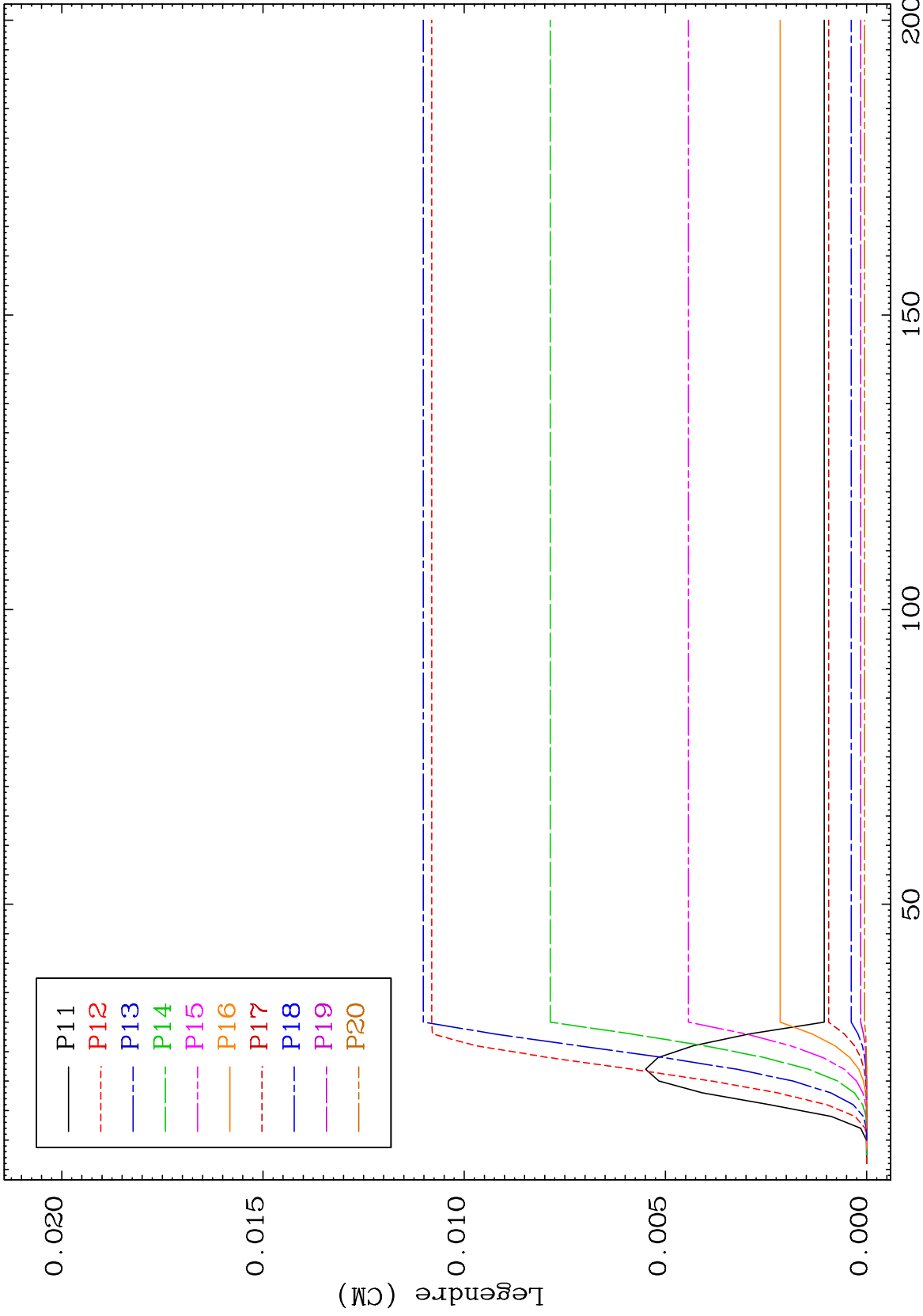


78 Incident Energy (MeV) 20-Ca-44

MAT 2037

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

20-Ca-44



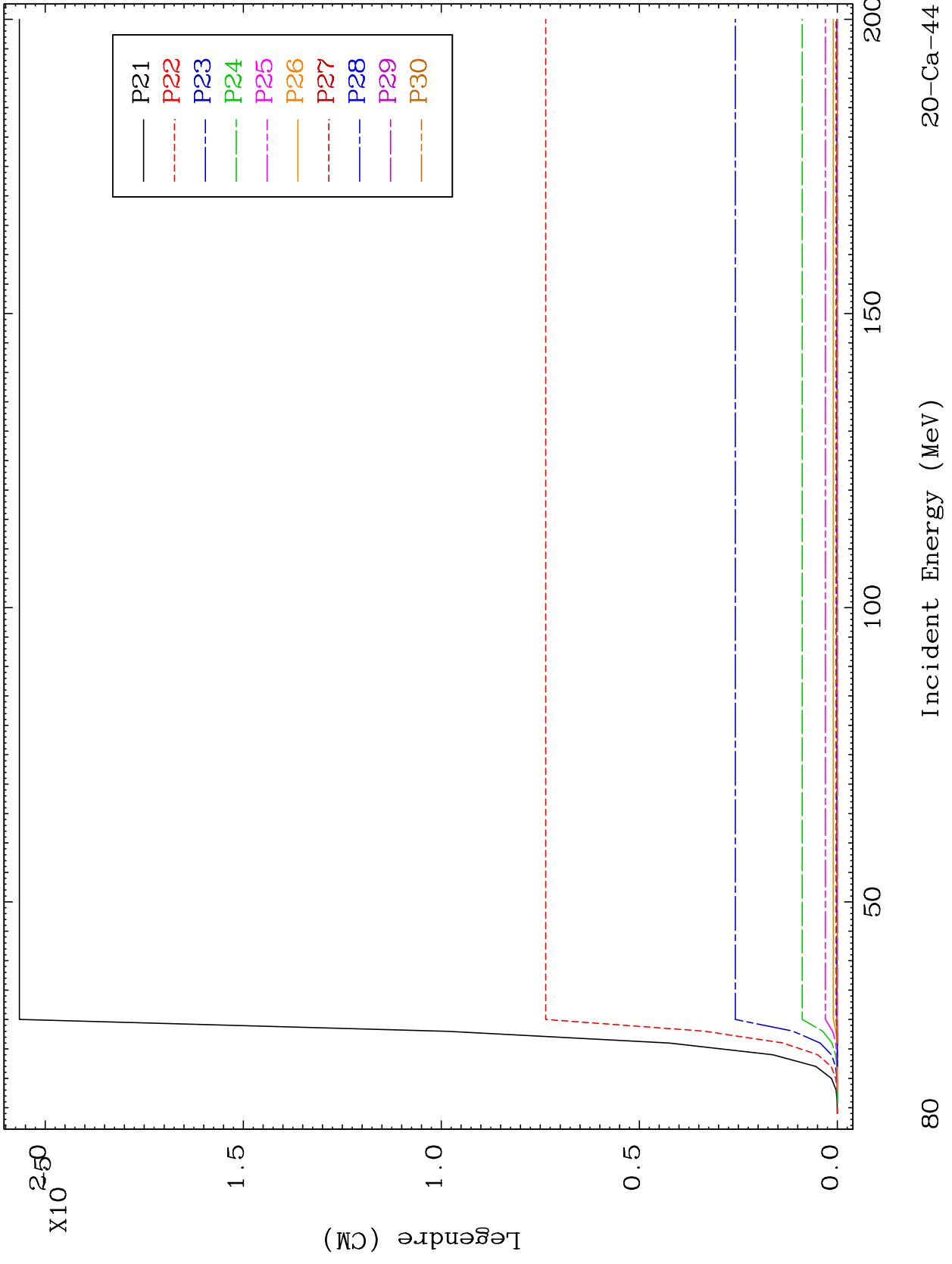
79

Incident Energy (MeV)

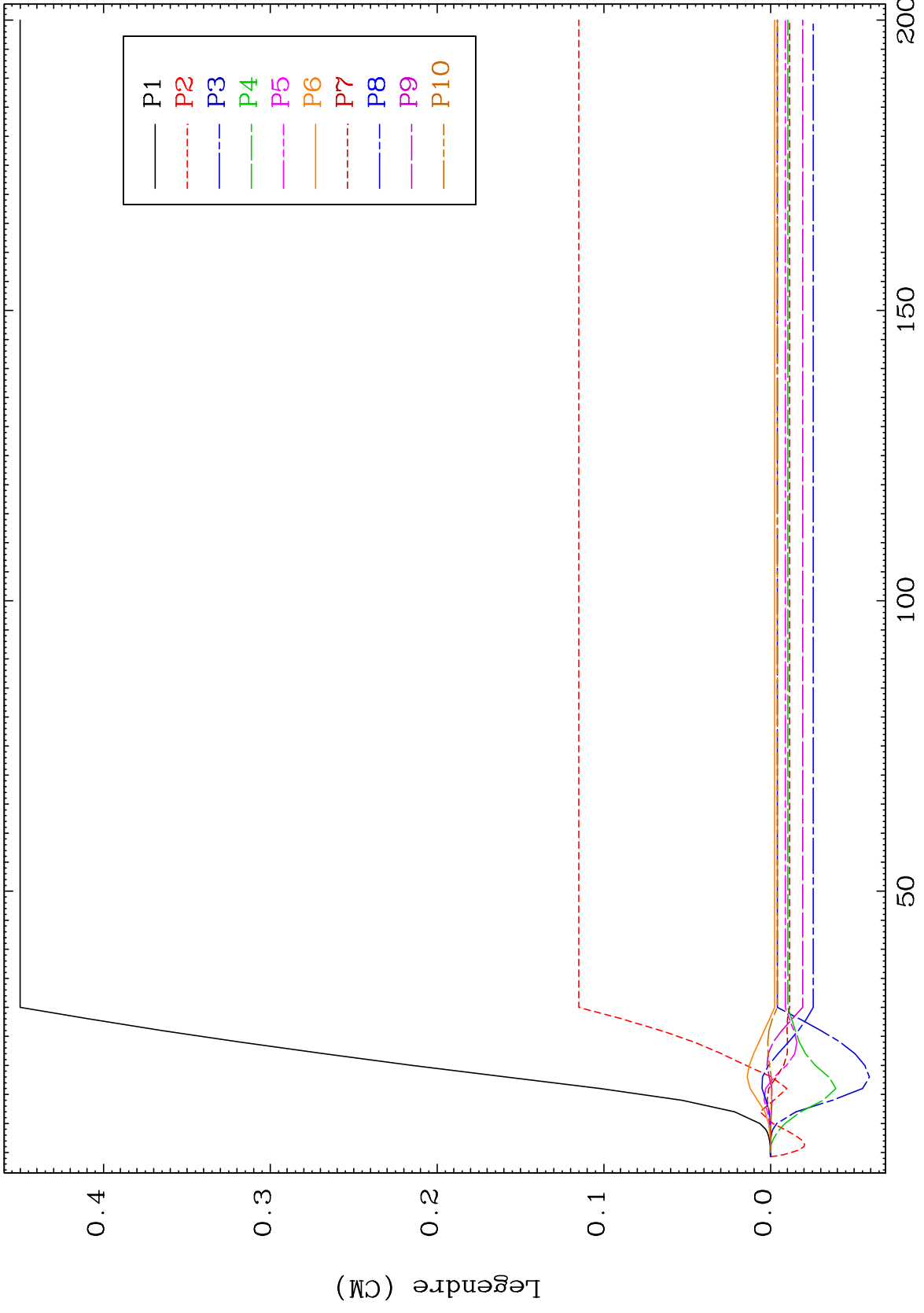
20-Ca-44



MAT 2037 MT= 71 (n,n') Level Legendre Coefficients 20-Ca-44



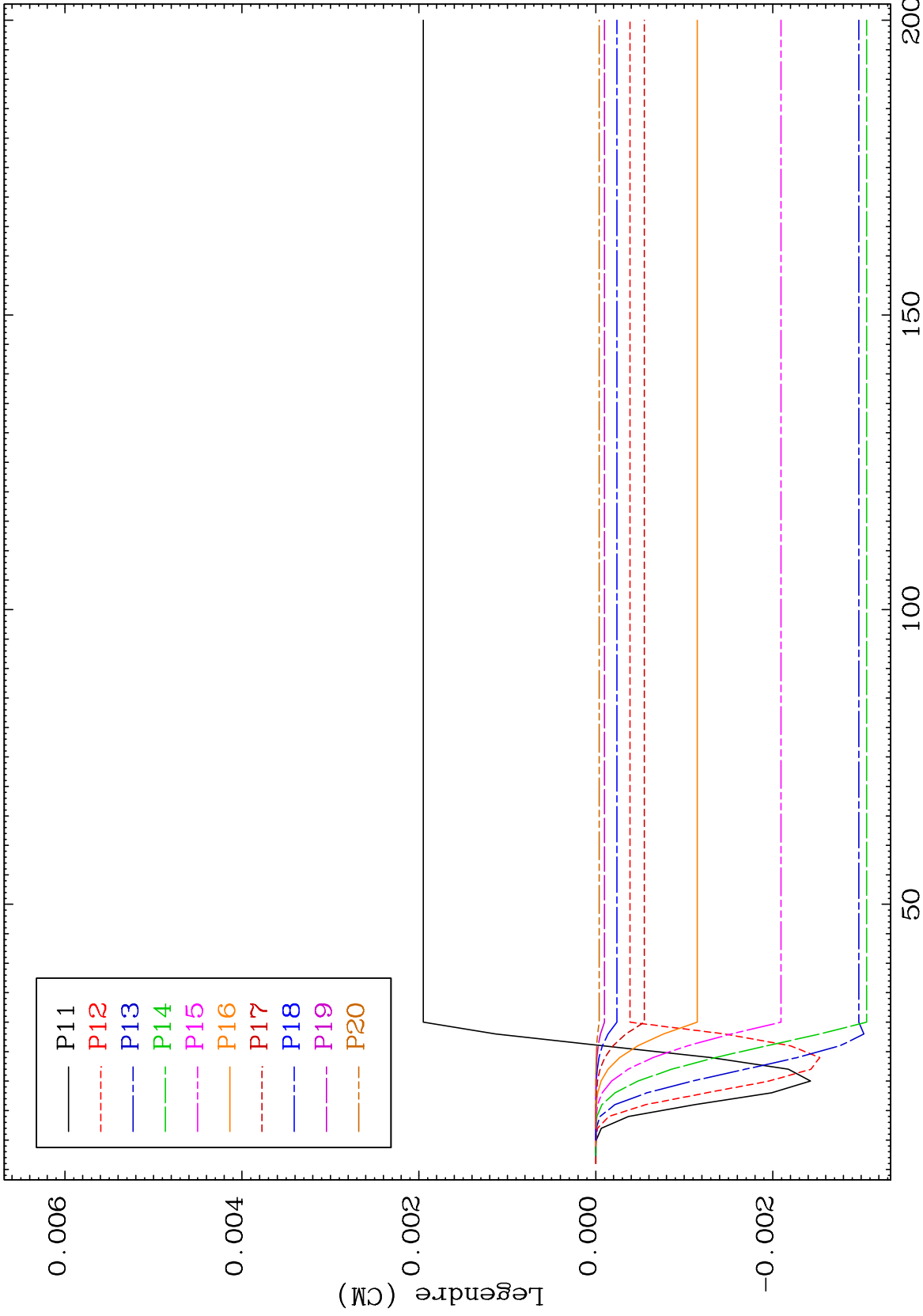
MAT 2037 MT= 72 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

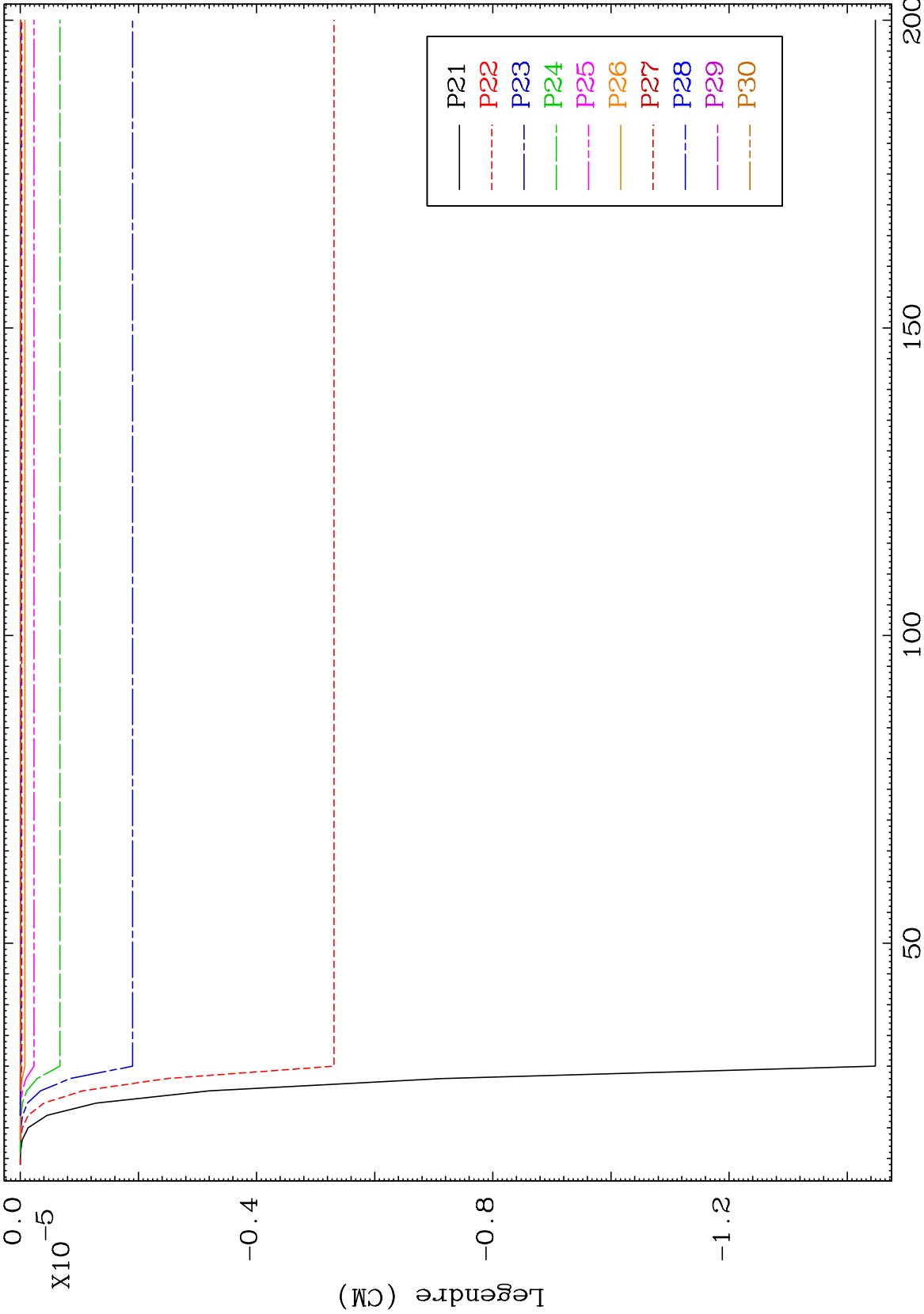


82

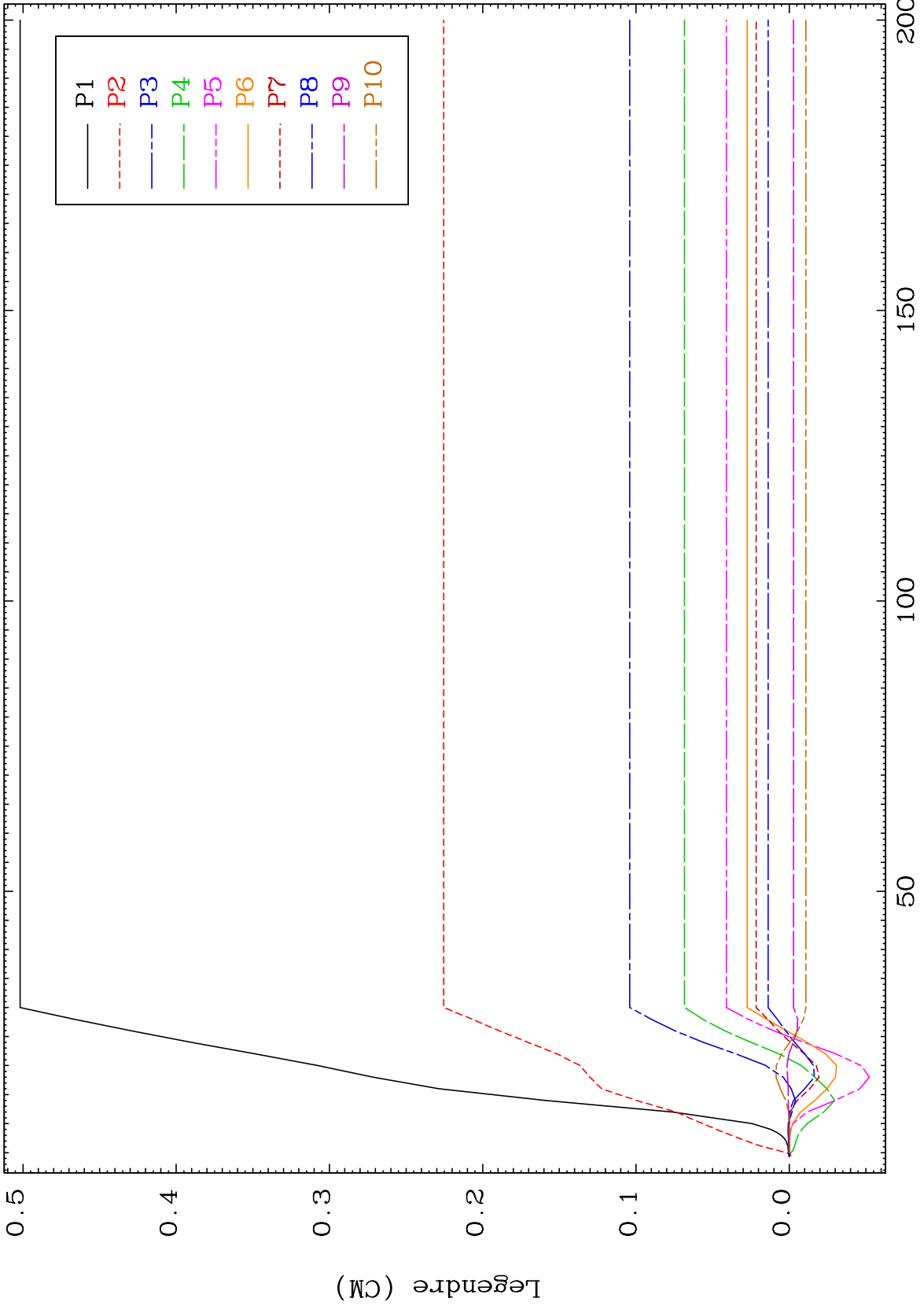
Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 72 (n,n') Level Legendre Coefficients 20-Ca-44



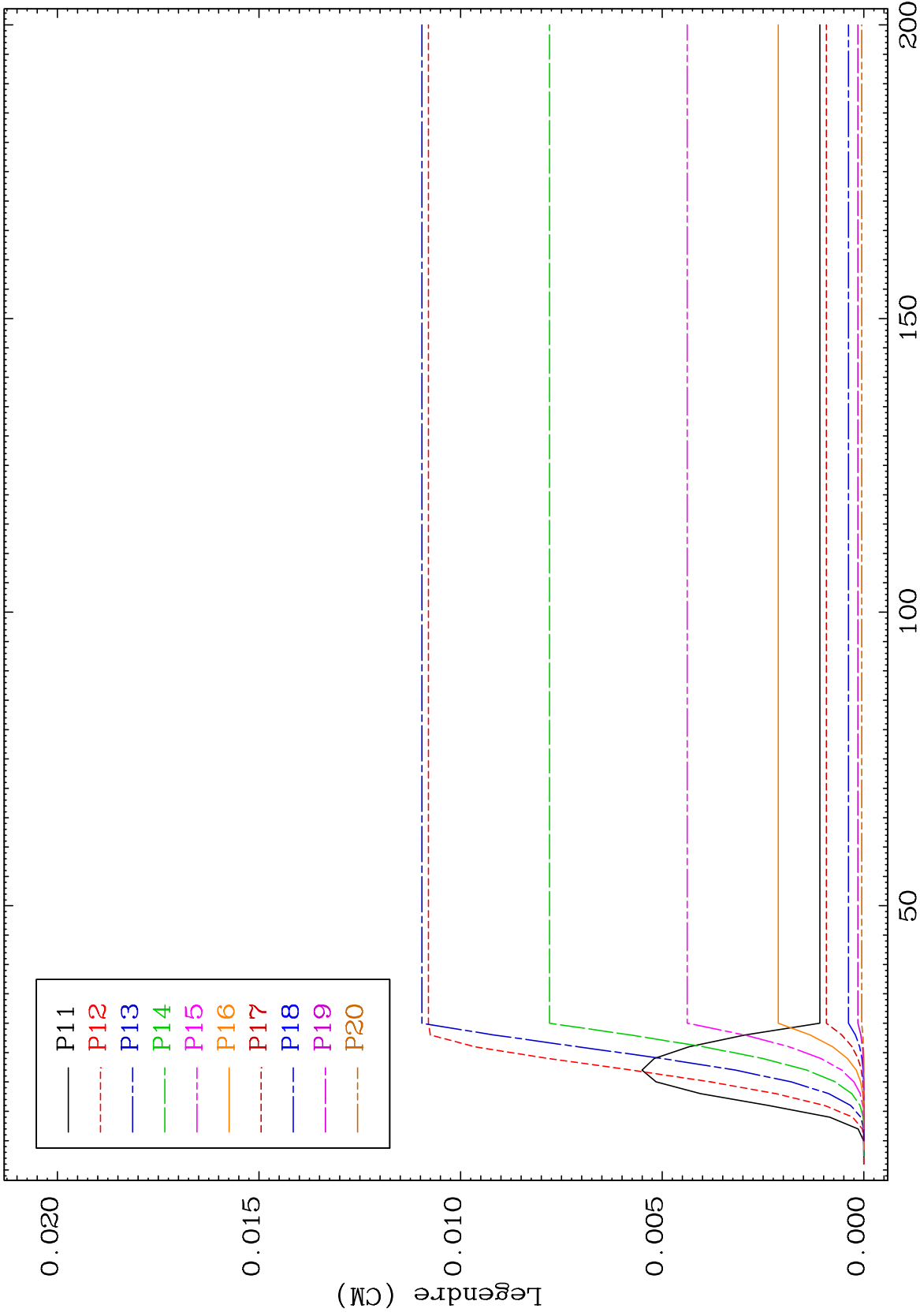
MAT 2037 MT= 73 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44



85

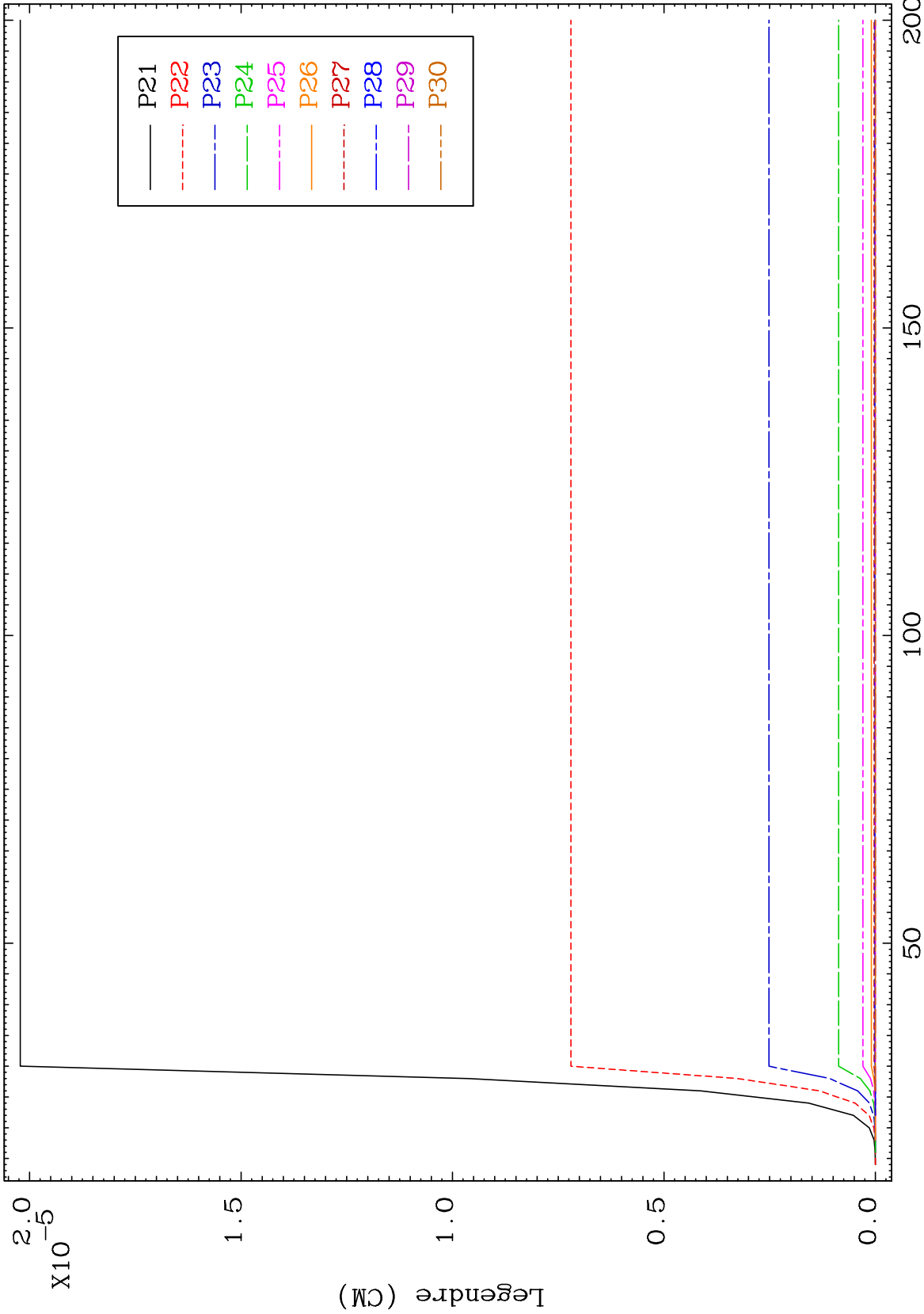
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

20-Ca-44

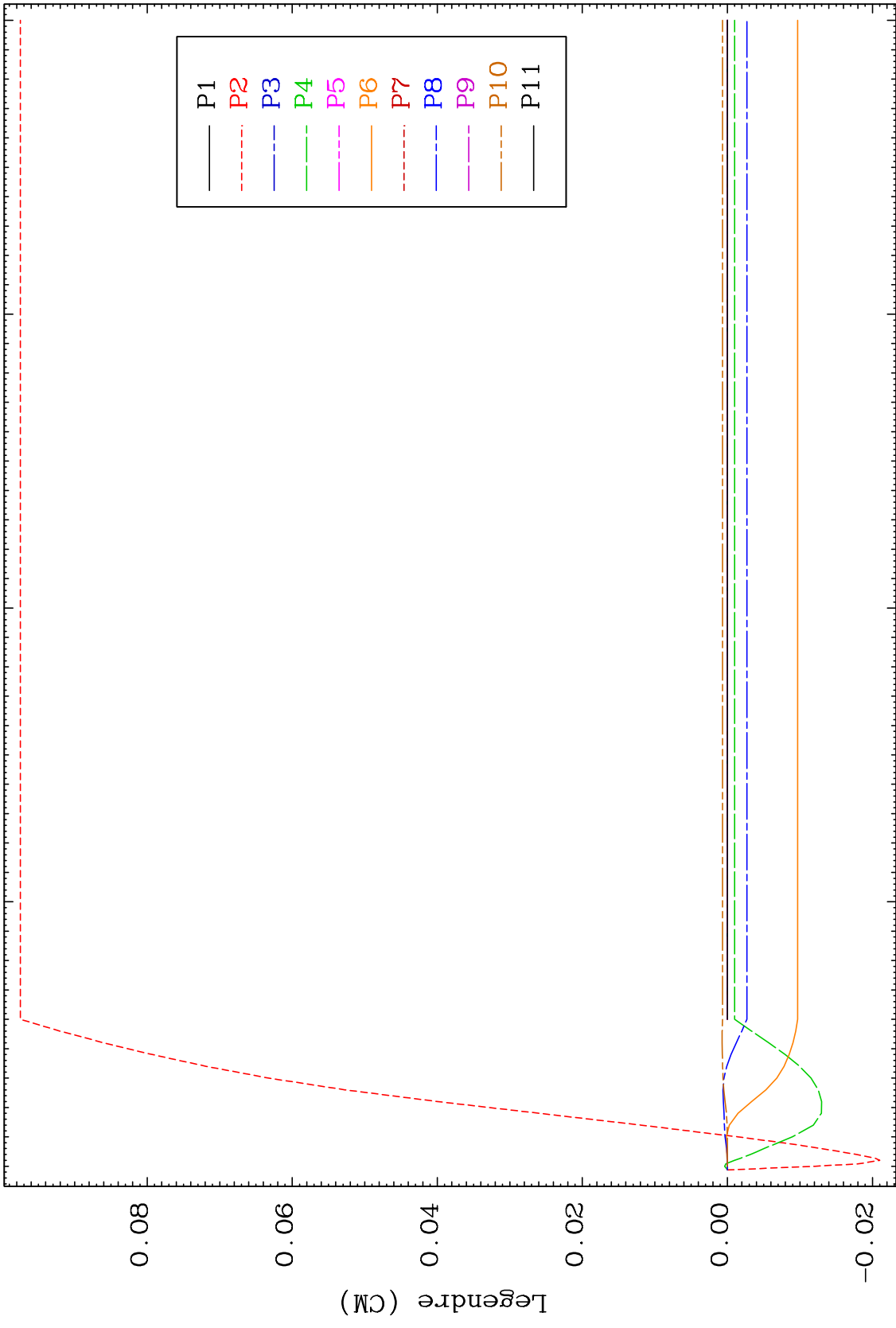


86

Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 74 (n,n') Level Legendre Coefficients 20-Ca-44



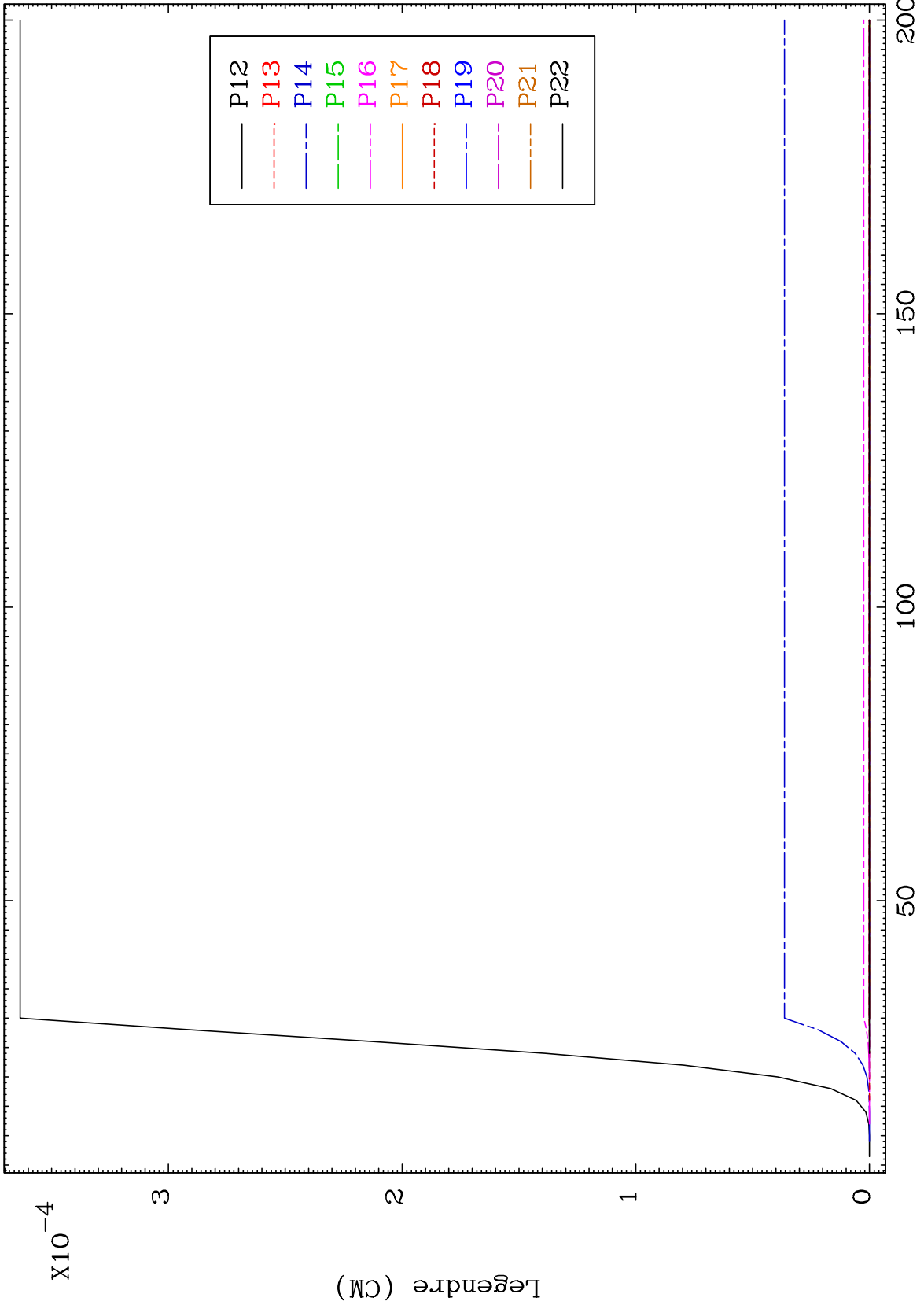
87 Incident Energy (MeV) 20-Ca-44



MAT 2037

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

20-Ca-44

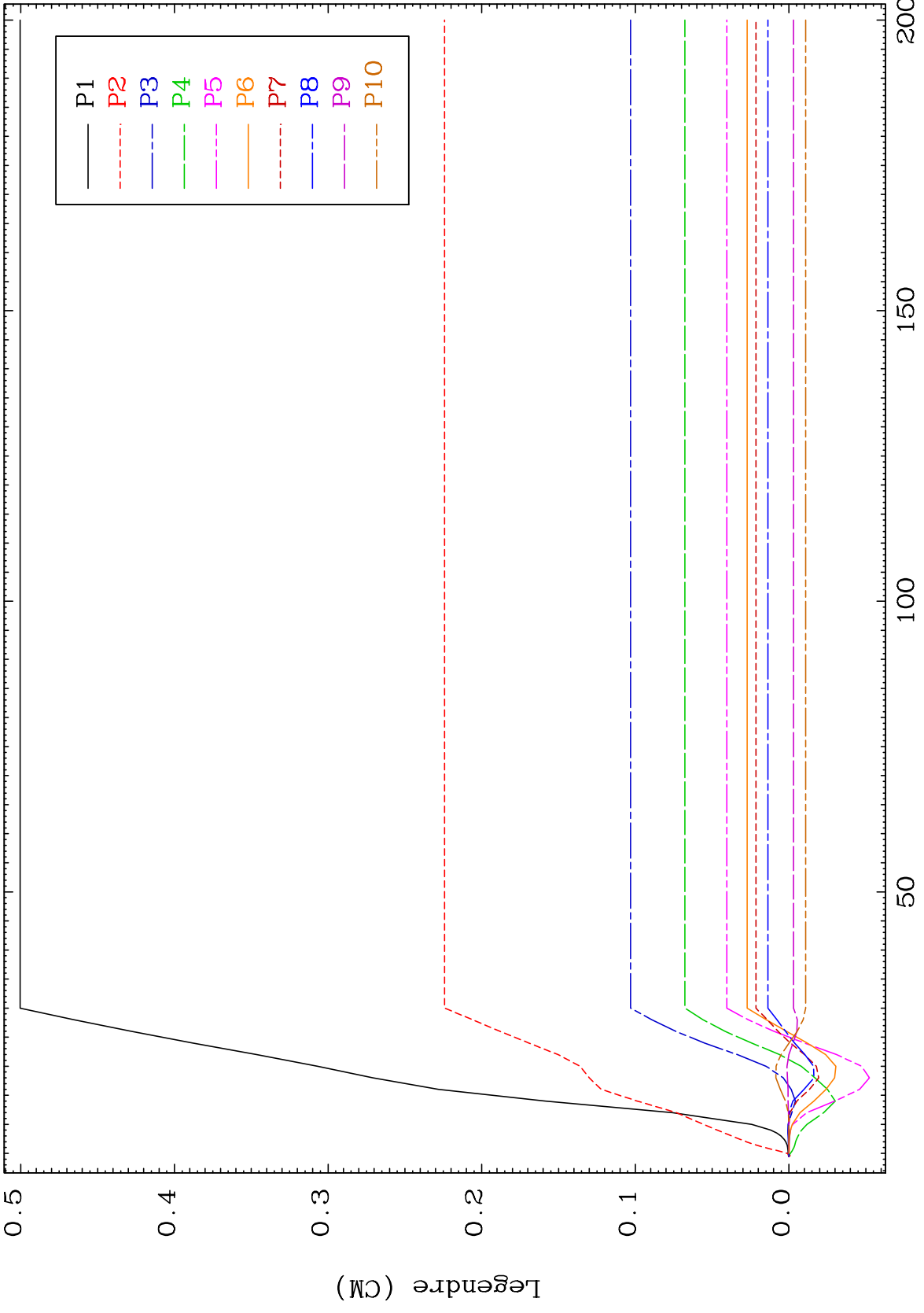


88

Incident Energy (MeV)

20-Ca-44

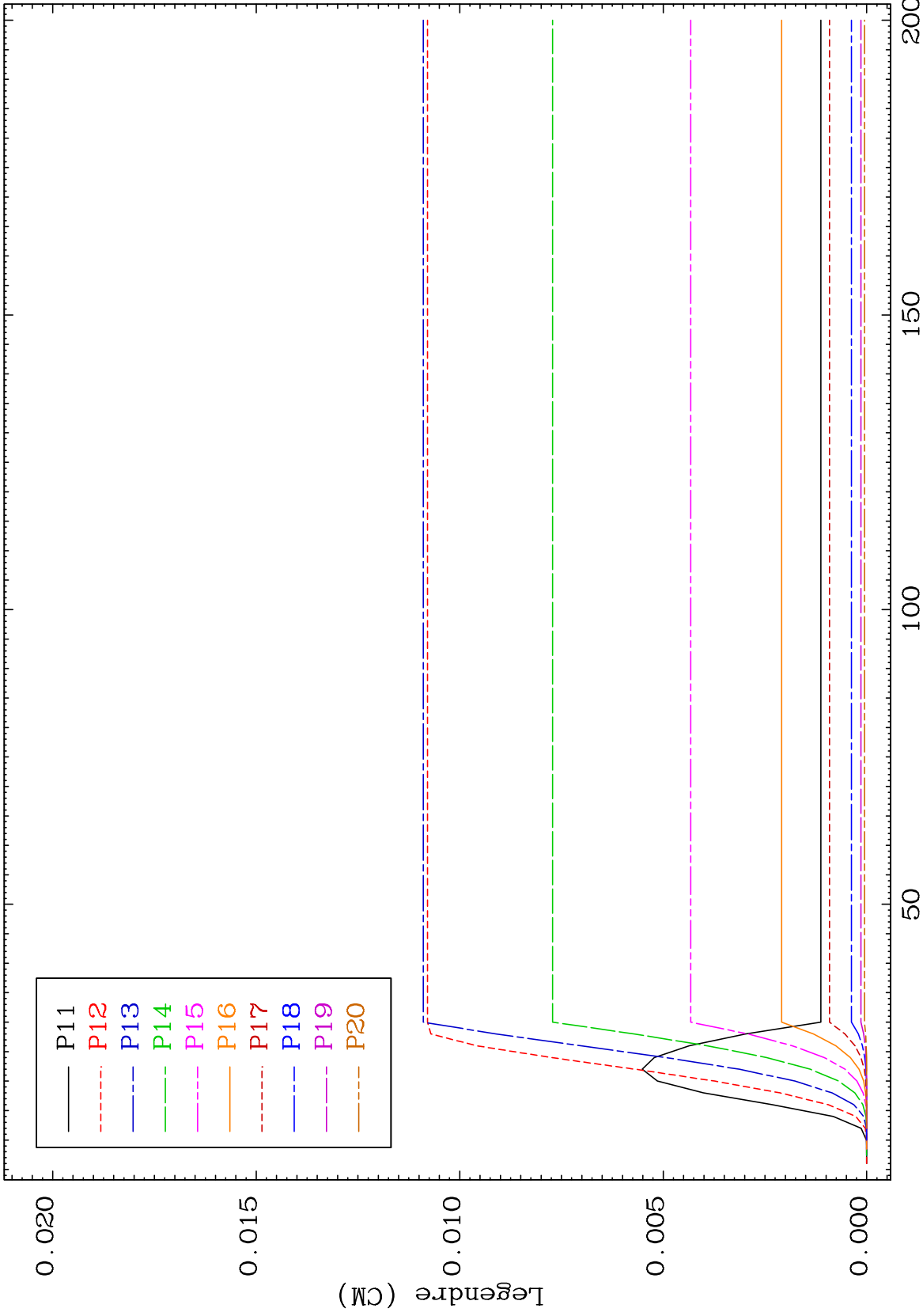
MAT 2037 MT= 75 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

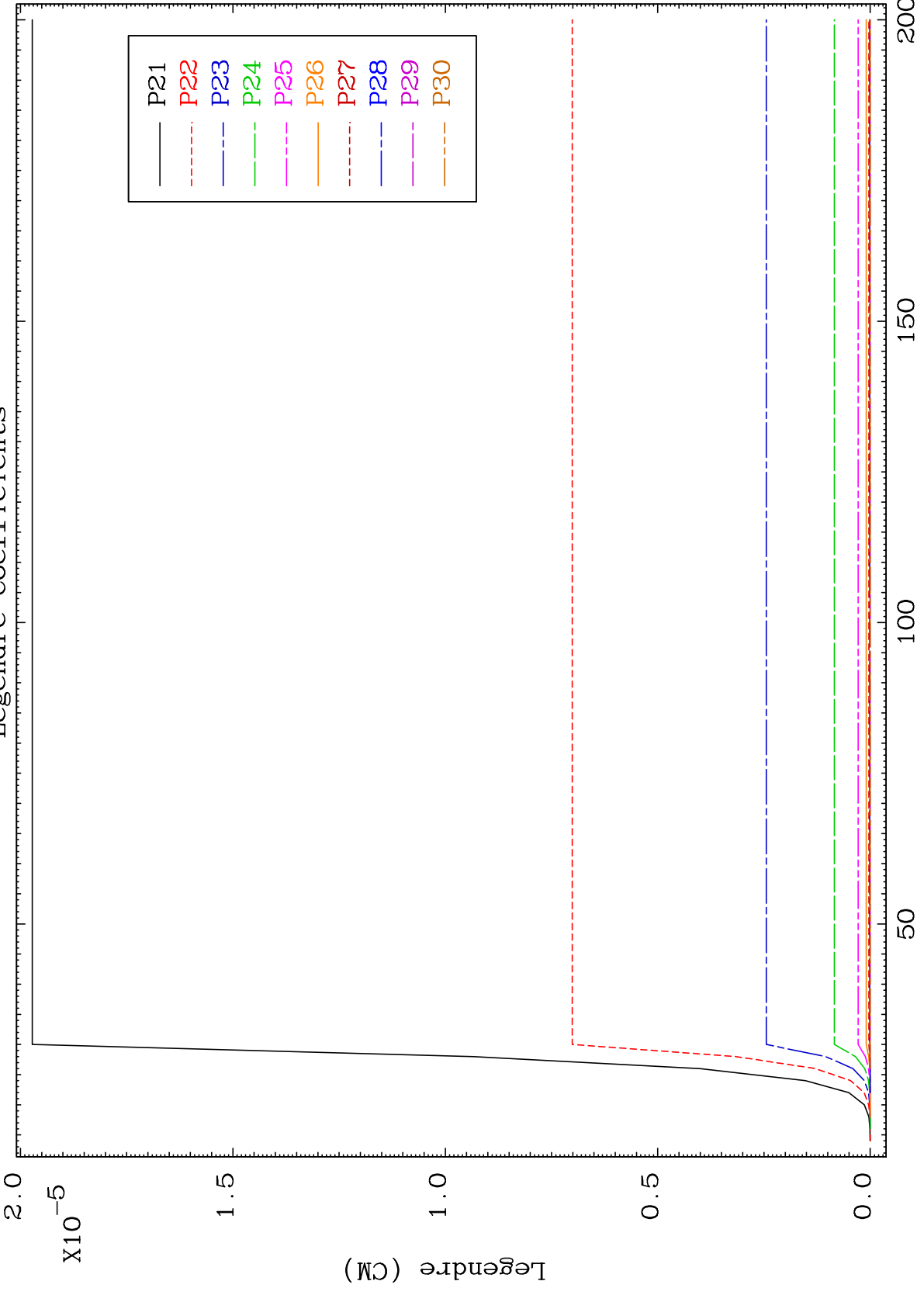


90

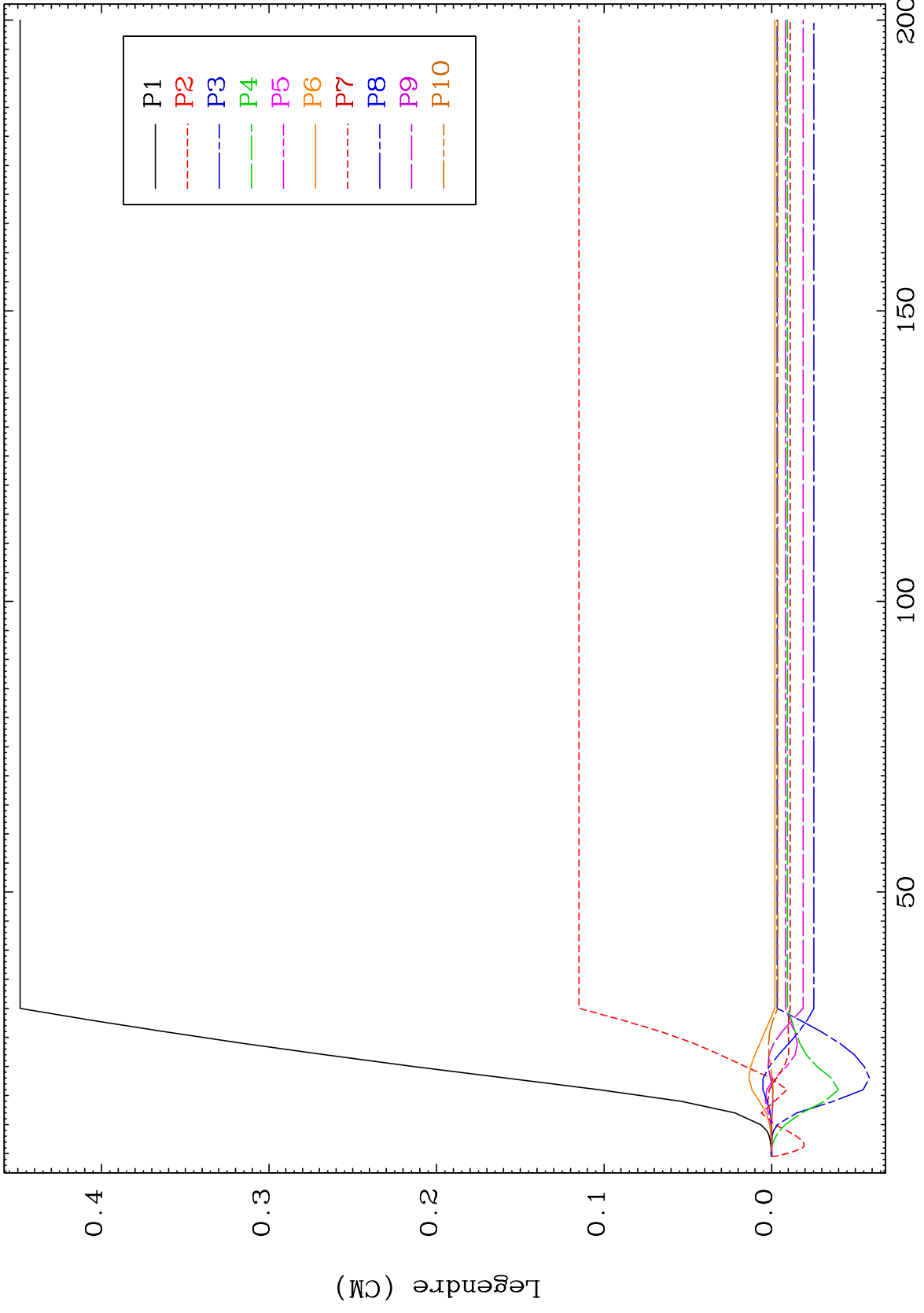
Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 75 (n,n') Level Legendre Coefficients 20-Ca-44



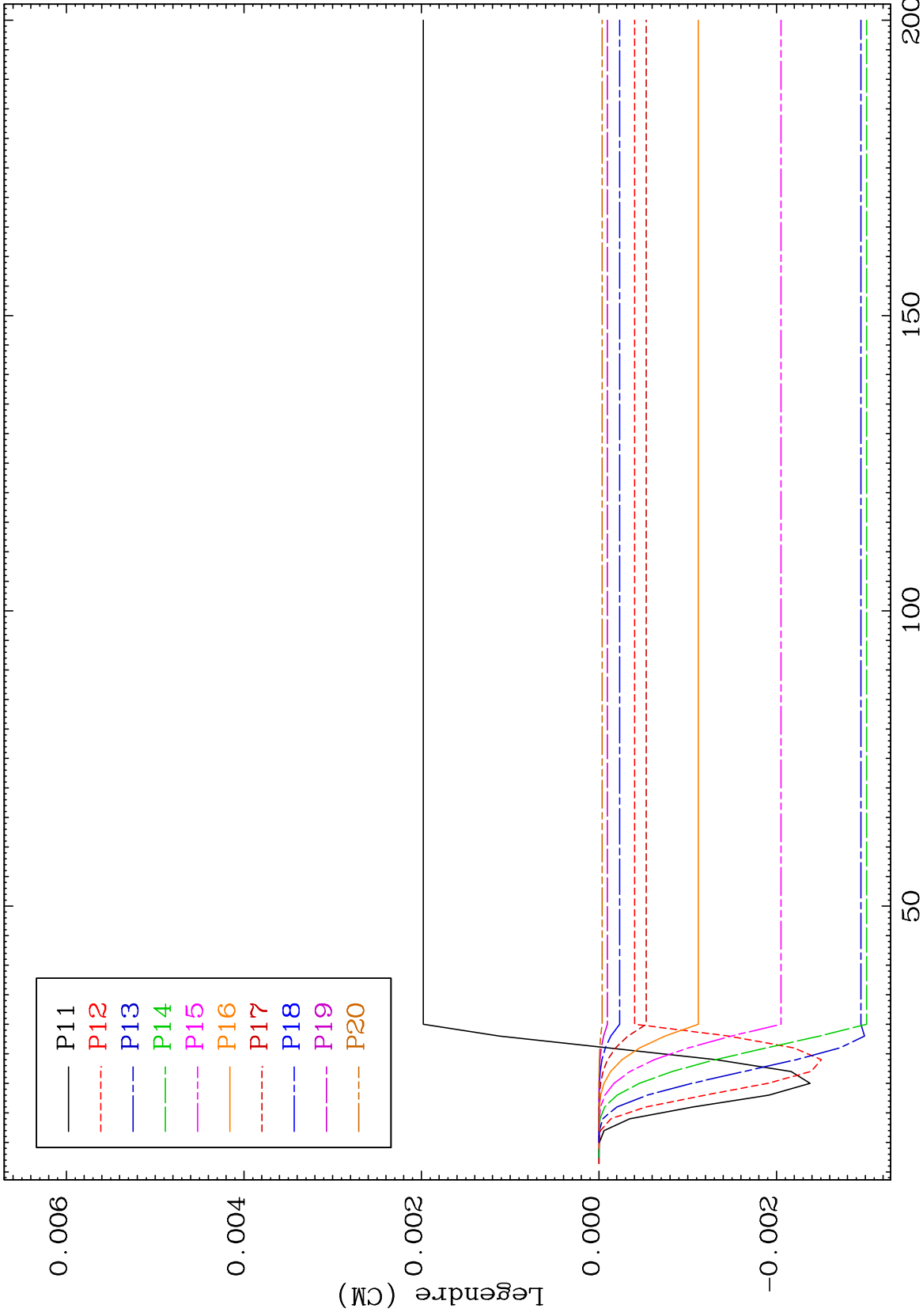
MAT 2037 MT= 76 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

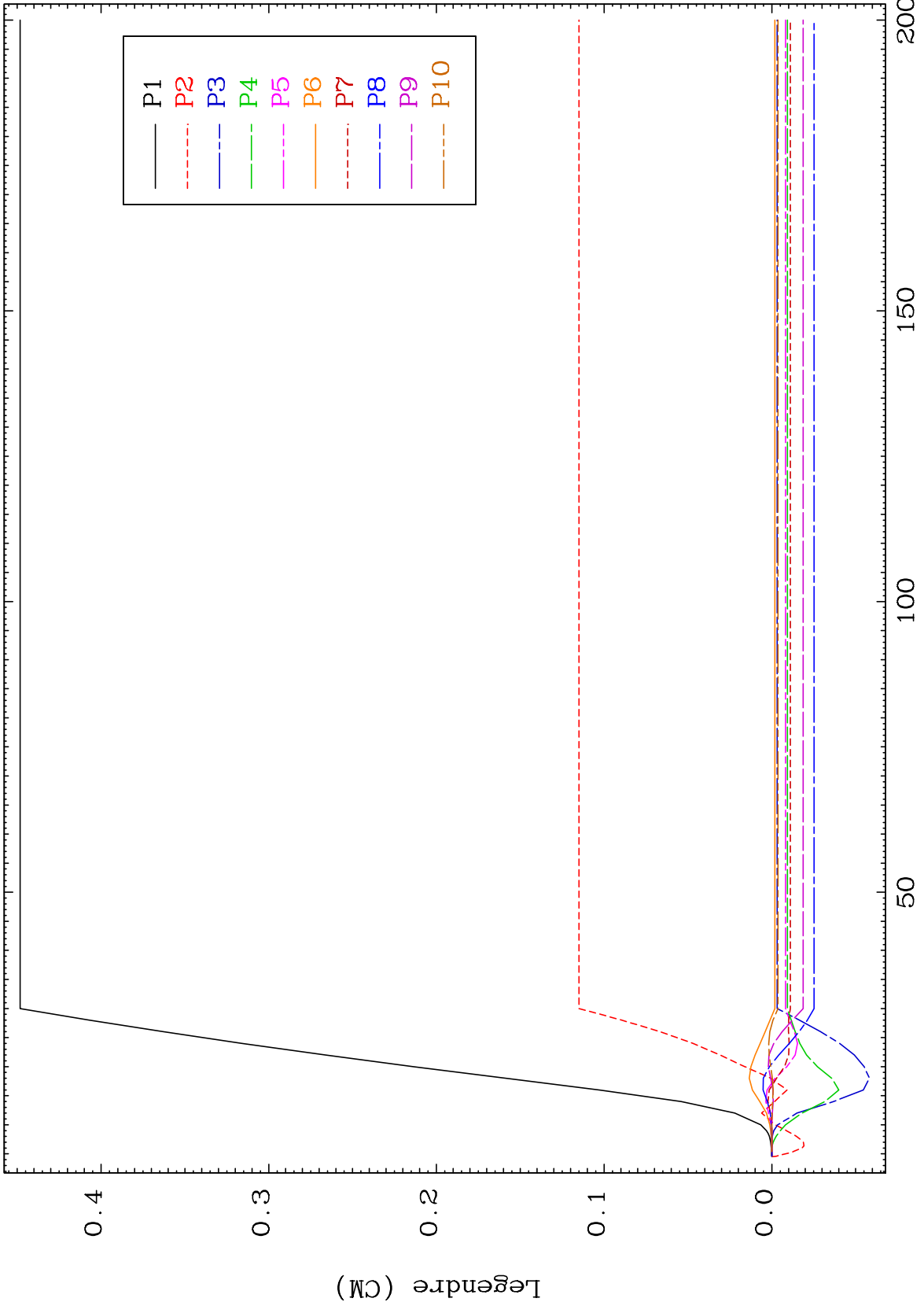


93

20-Ca-44



MAT 2037 MT= 77 (n,n') Level Legendre Coefficients 20-Ca-44



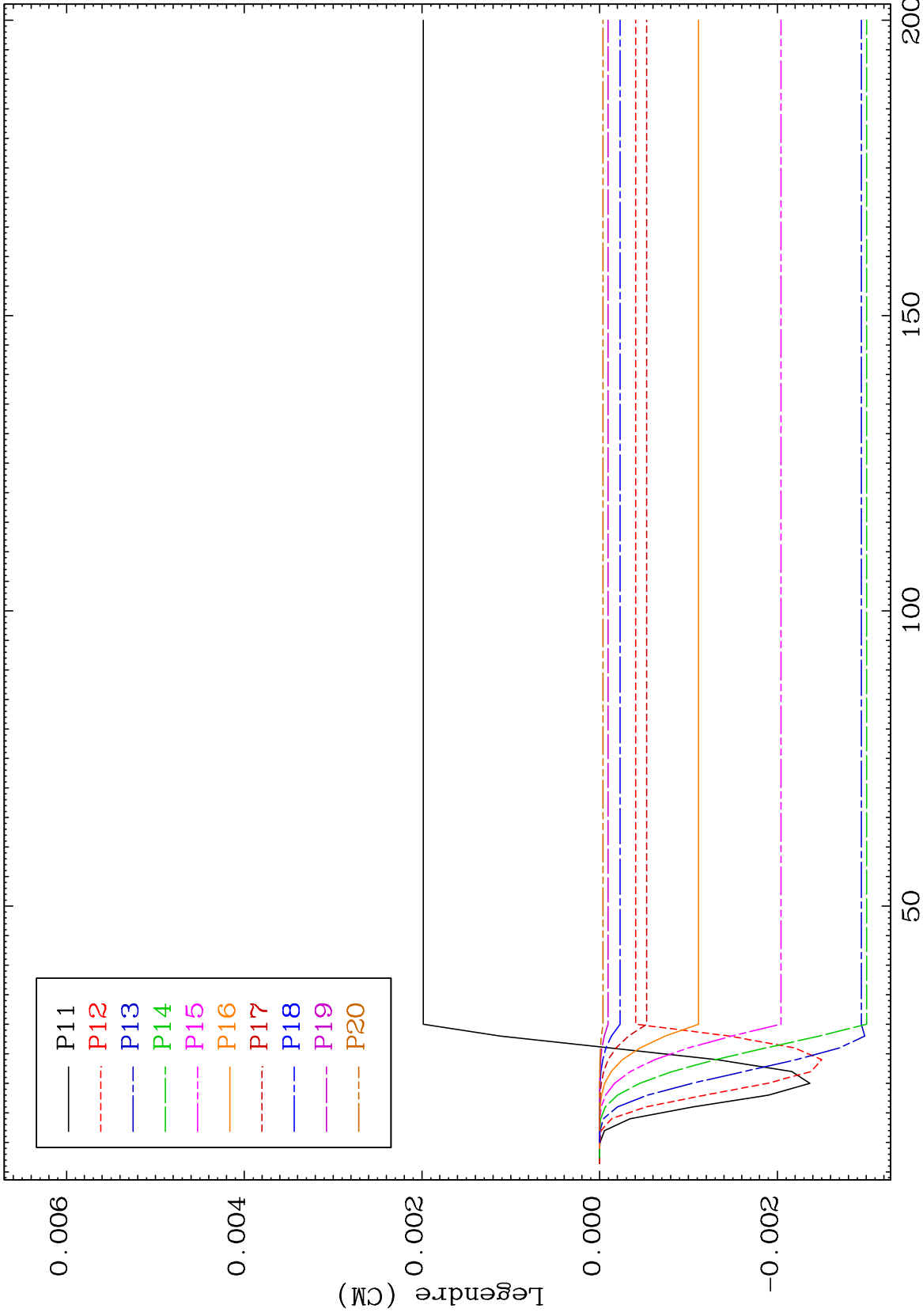
95 Incident Energy (MeV) 20-Ca-44



MAT 2037

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

20-Ca-44

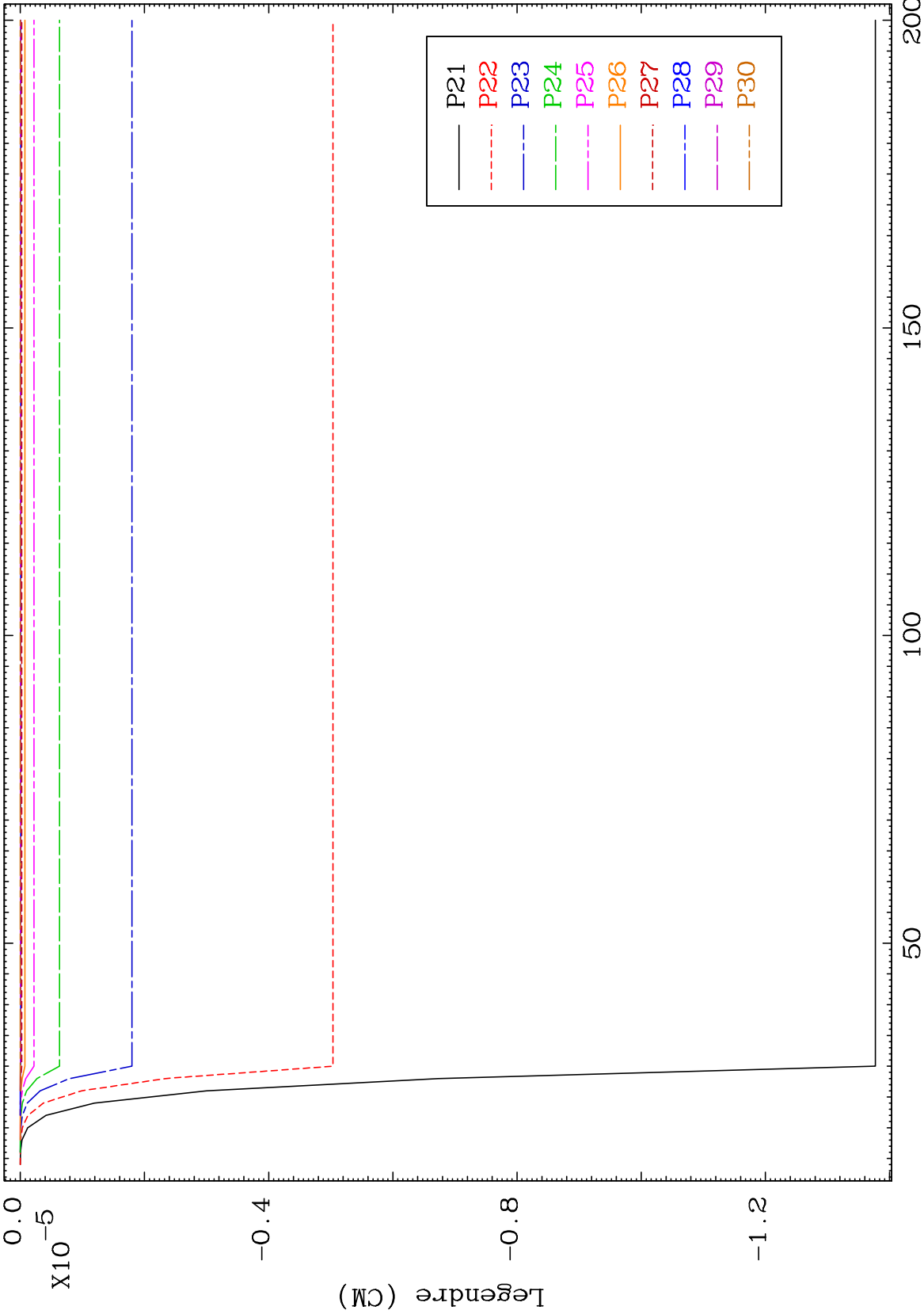


96

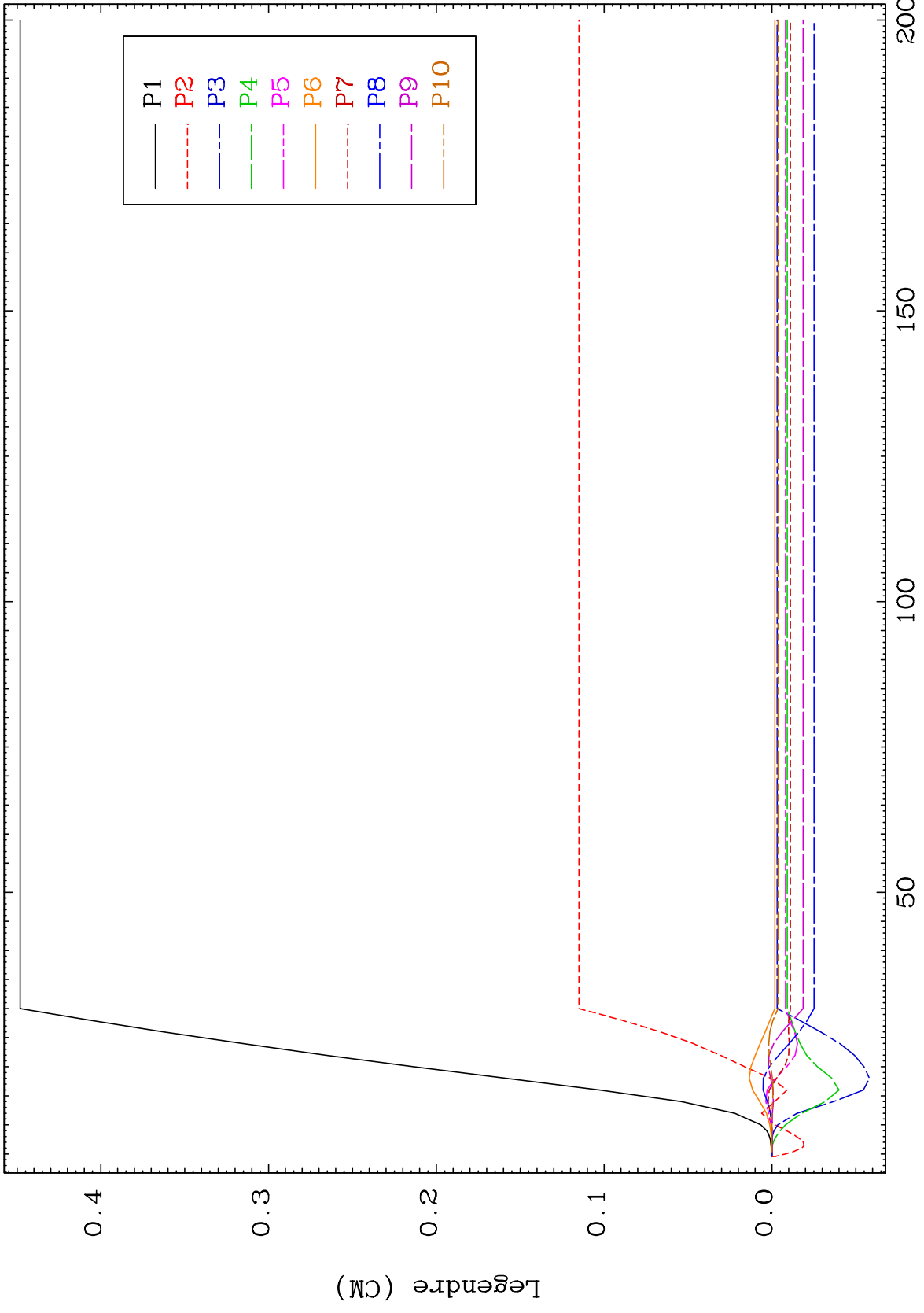
Incident Energy (MeV)

20-Ca-44

MAT 2037 MT= 77 (n,n') Level Legendre Coefficients 20-Ca-44



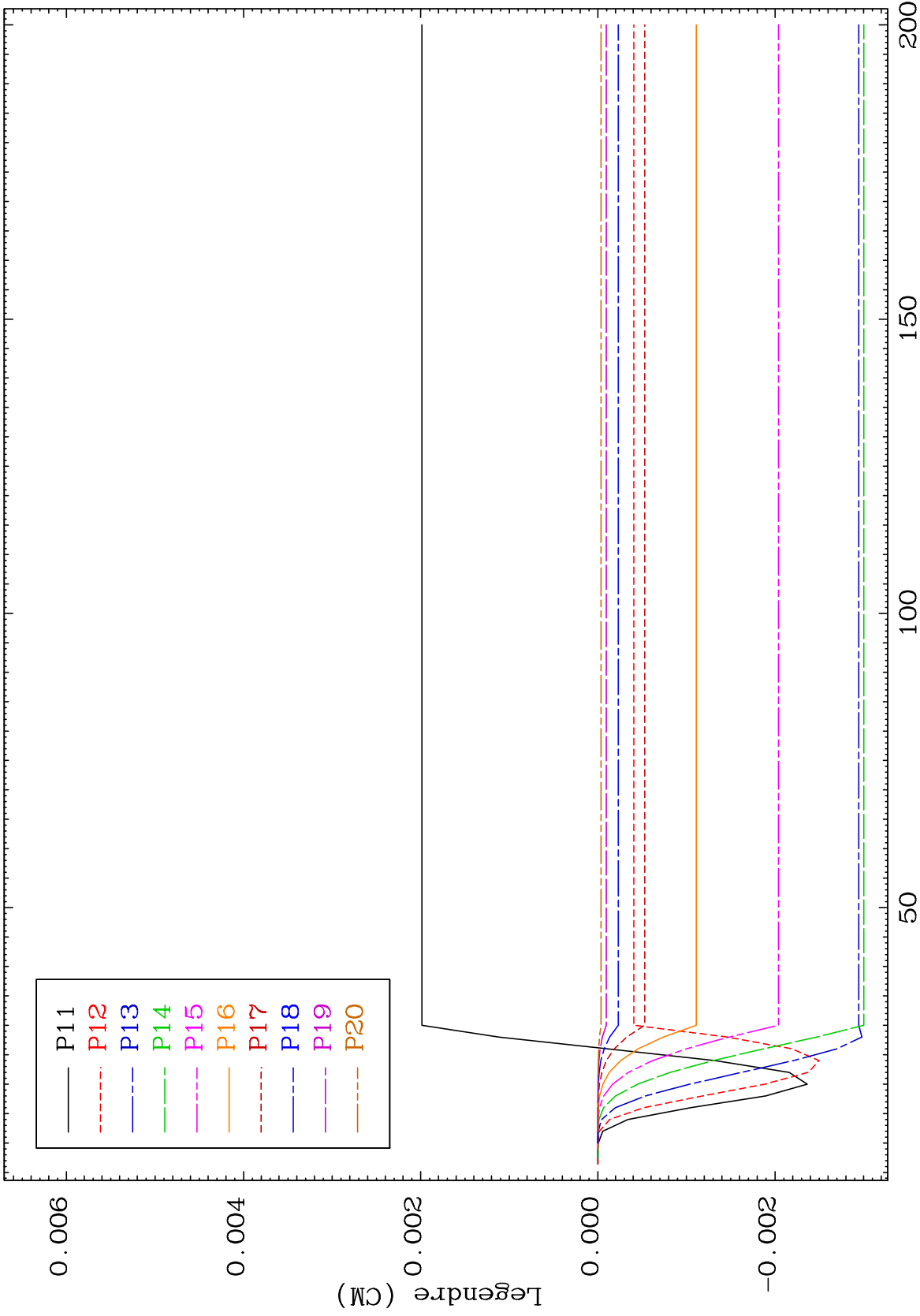
MAT 2037 MT= 78 (n,n') Level Legendre Coefficients 20-Ca-44



MAT 2037

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

20-Ca-44

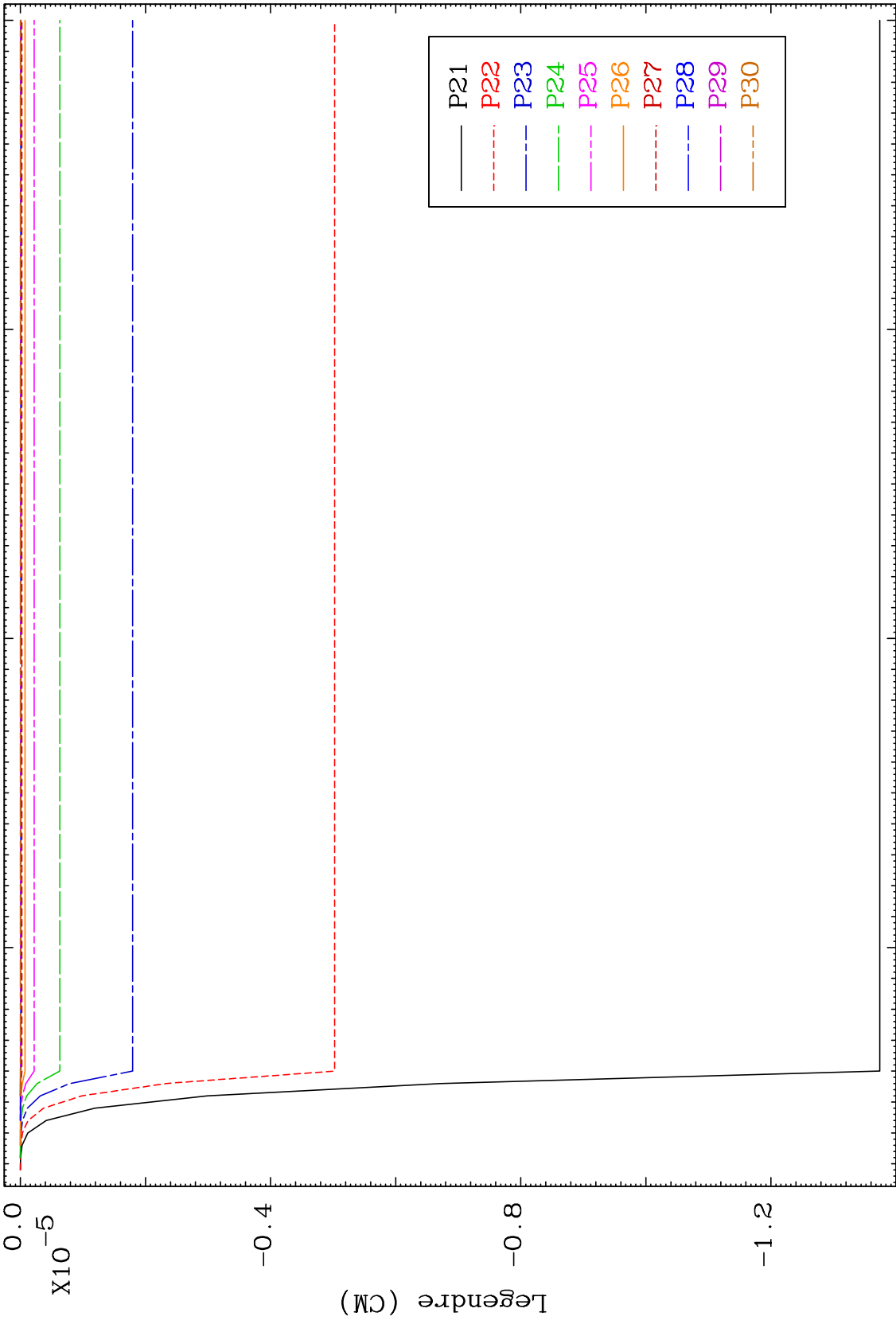


99

Incident Energy (MeV)

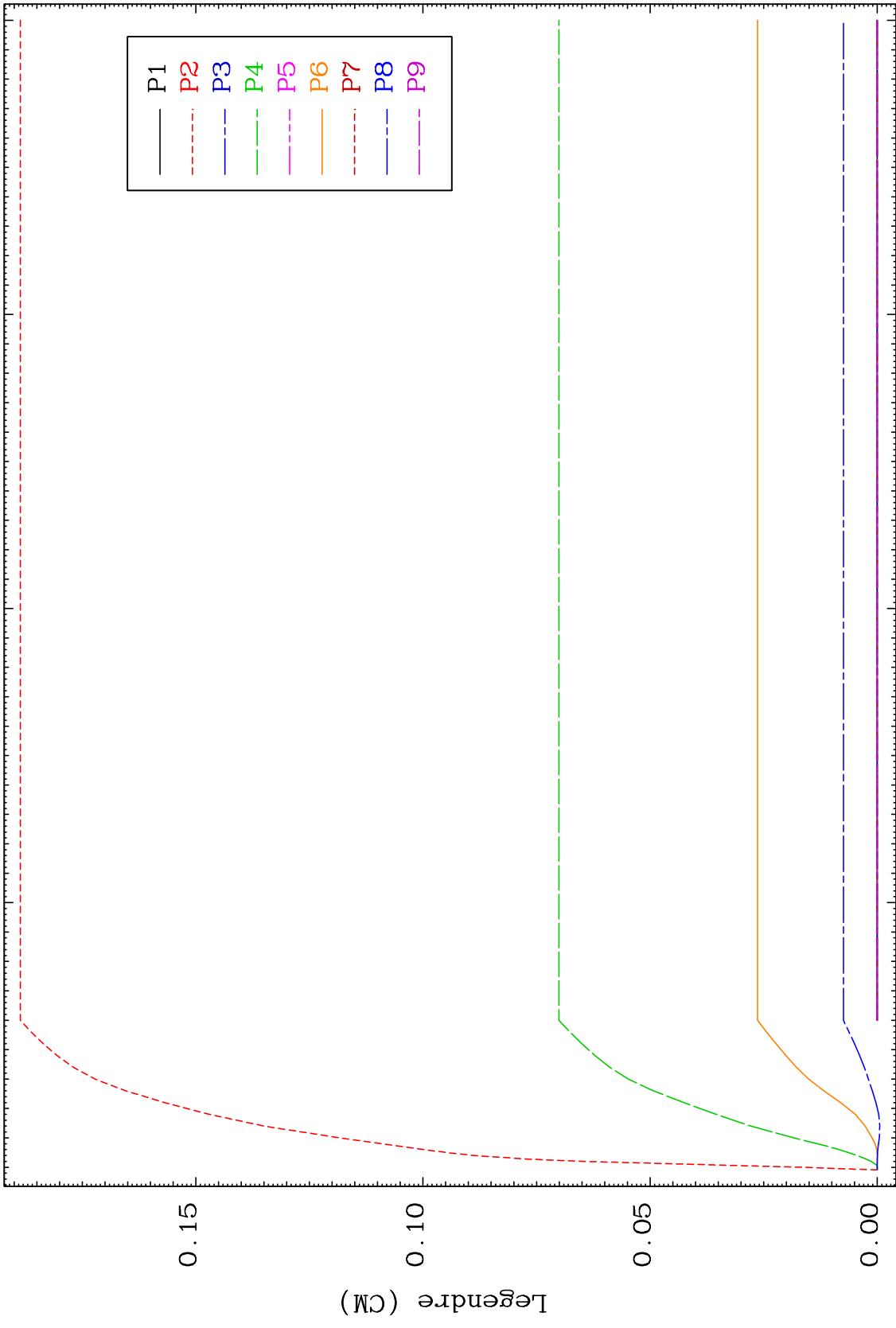
20-Ca-44

MAT 2037 MT= 78 (n,n') Level Legendre Coefficients 20-Ca-44



100 50 100 150 200 Incident Energy (MeV) 20-Ca-44

MAT 2037 MT= 79 (n,n') Level Legendre Coefficients 20-Ca-44

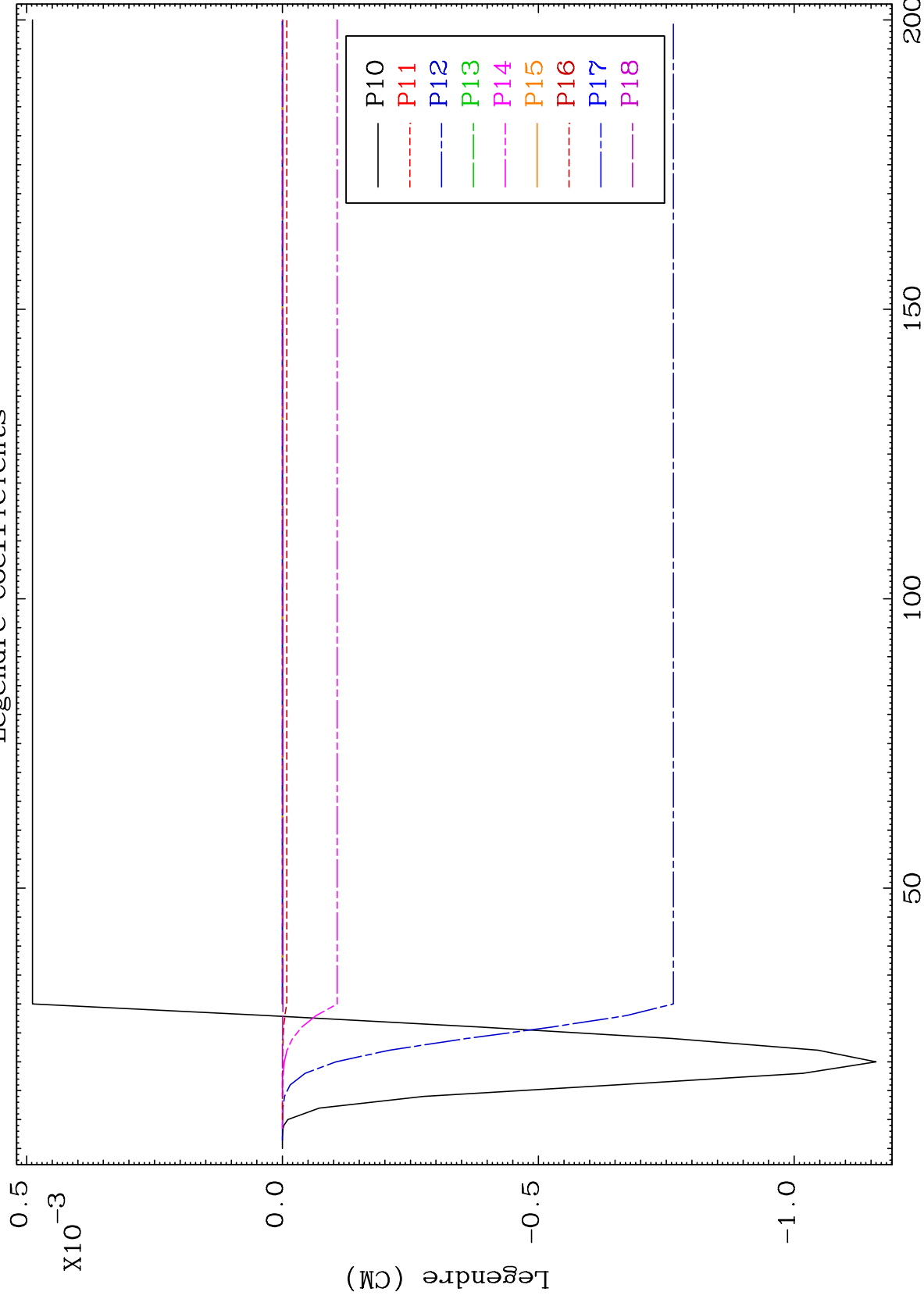


101 Incident Energy (MeV) 20-Ca-44

MAT 2037

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

20-Ca-44

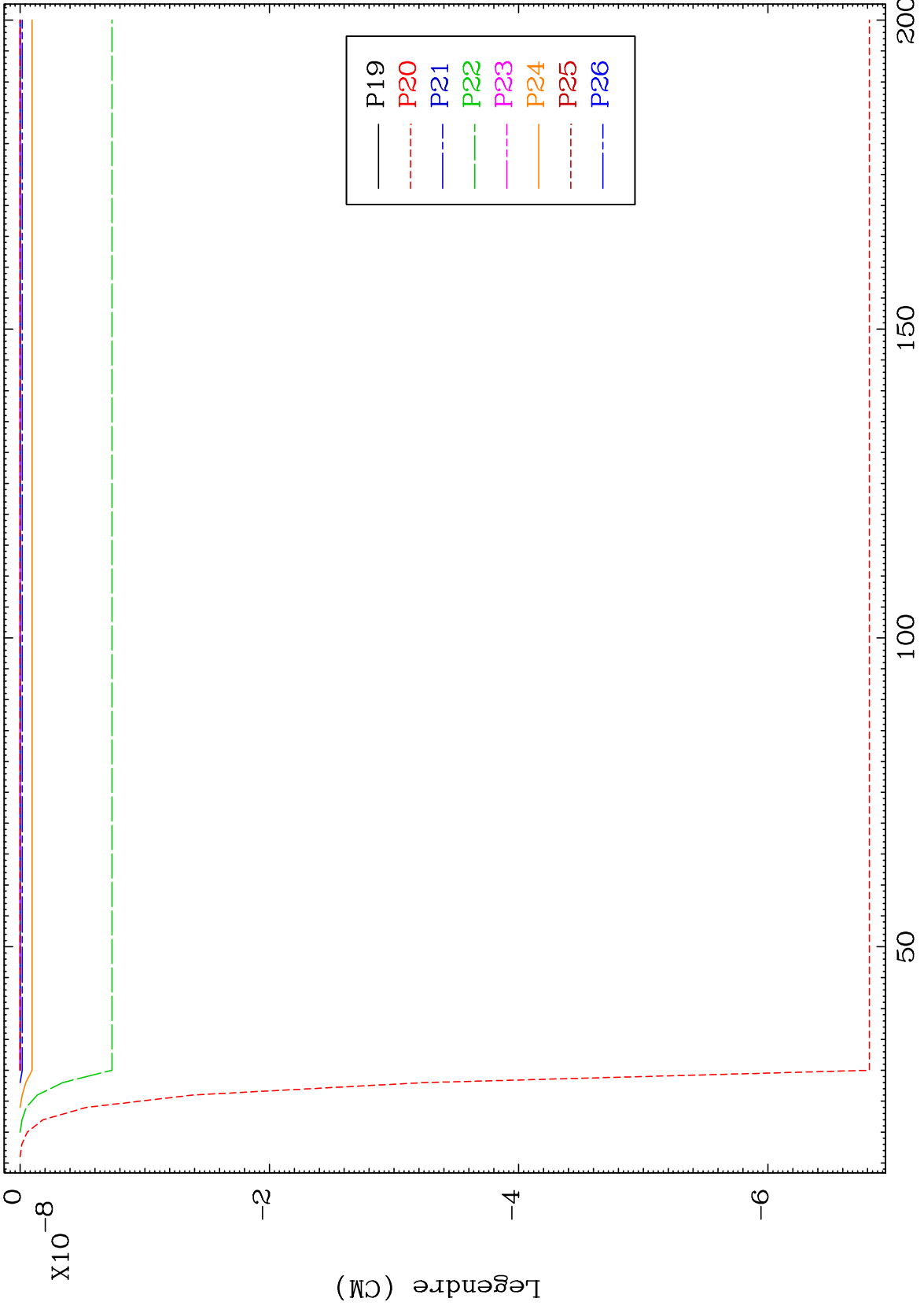


102

Incident Energy (MeV)

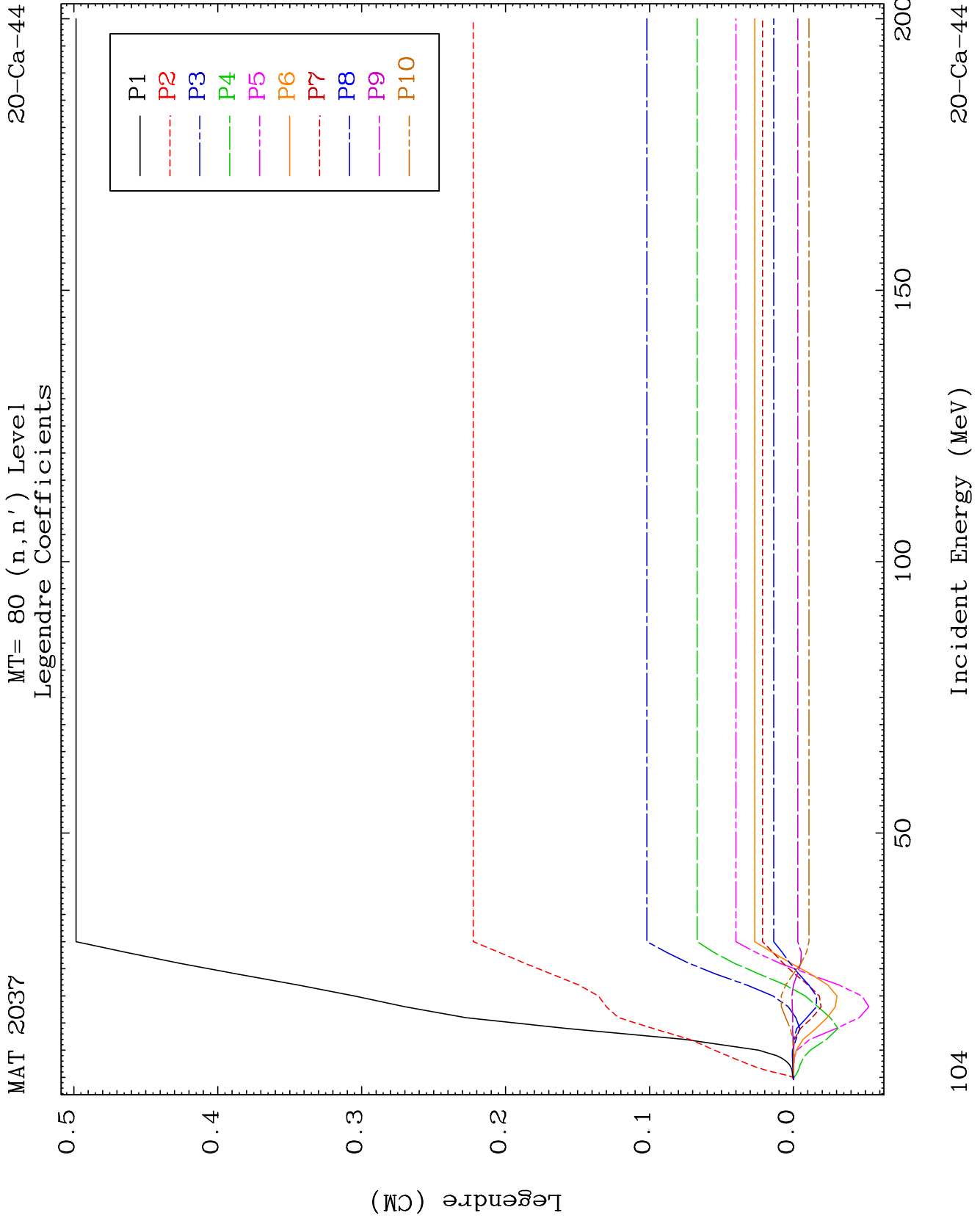
20-Ca-44

MAT 2037 MT= 79 (n,n') Level Legendre Coefficients 20-Ca-44



103 20-Ca-44

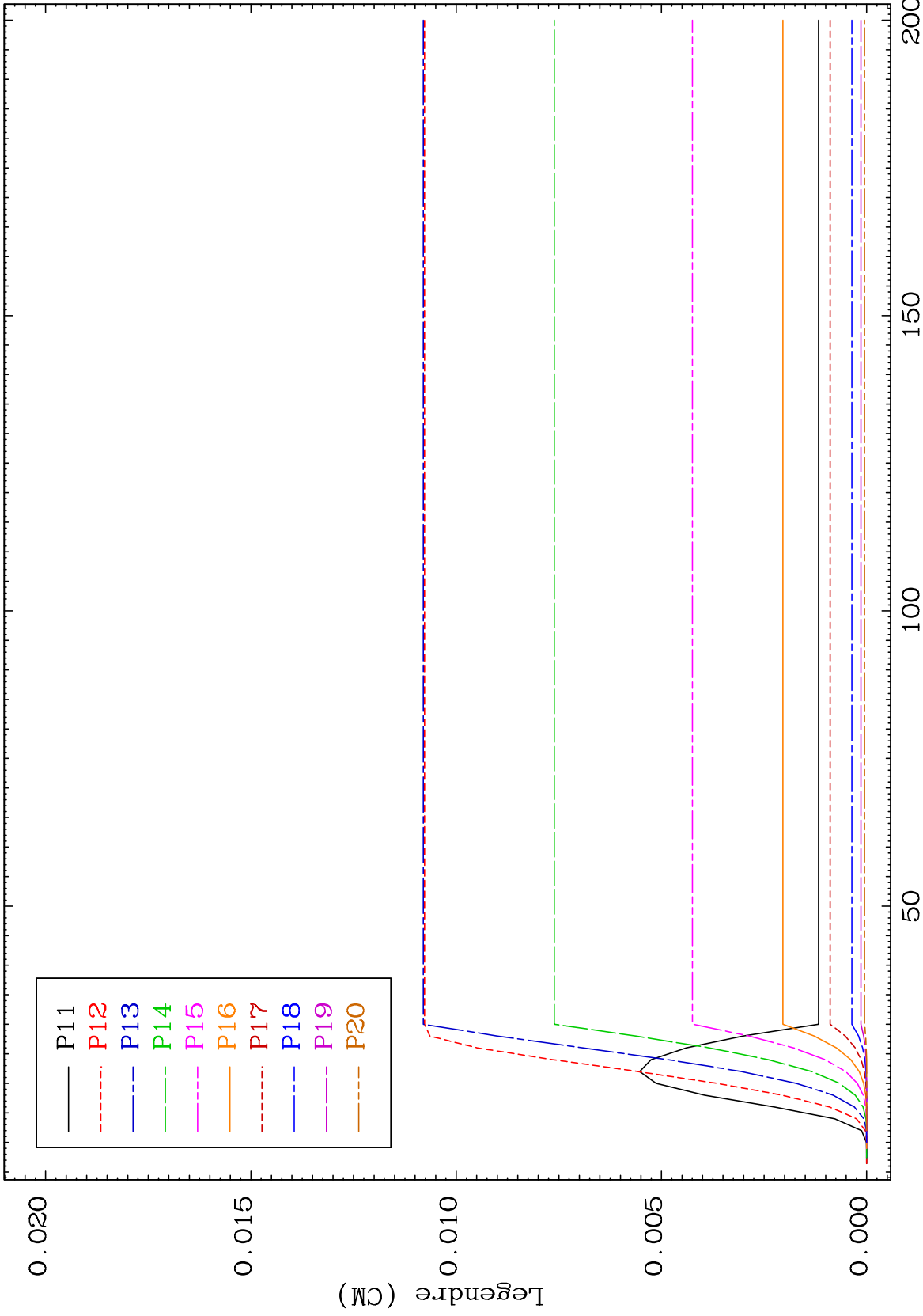




MAT 2037

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

20-Ca-44



105

50

100

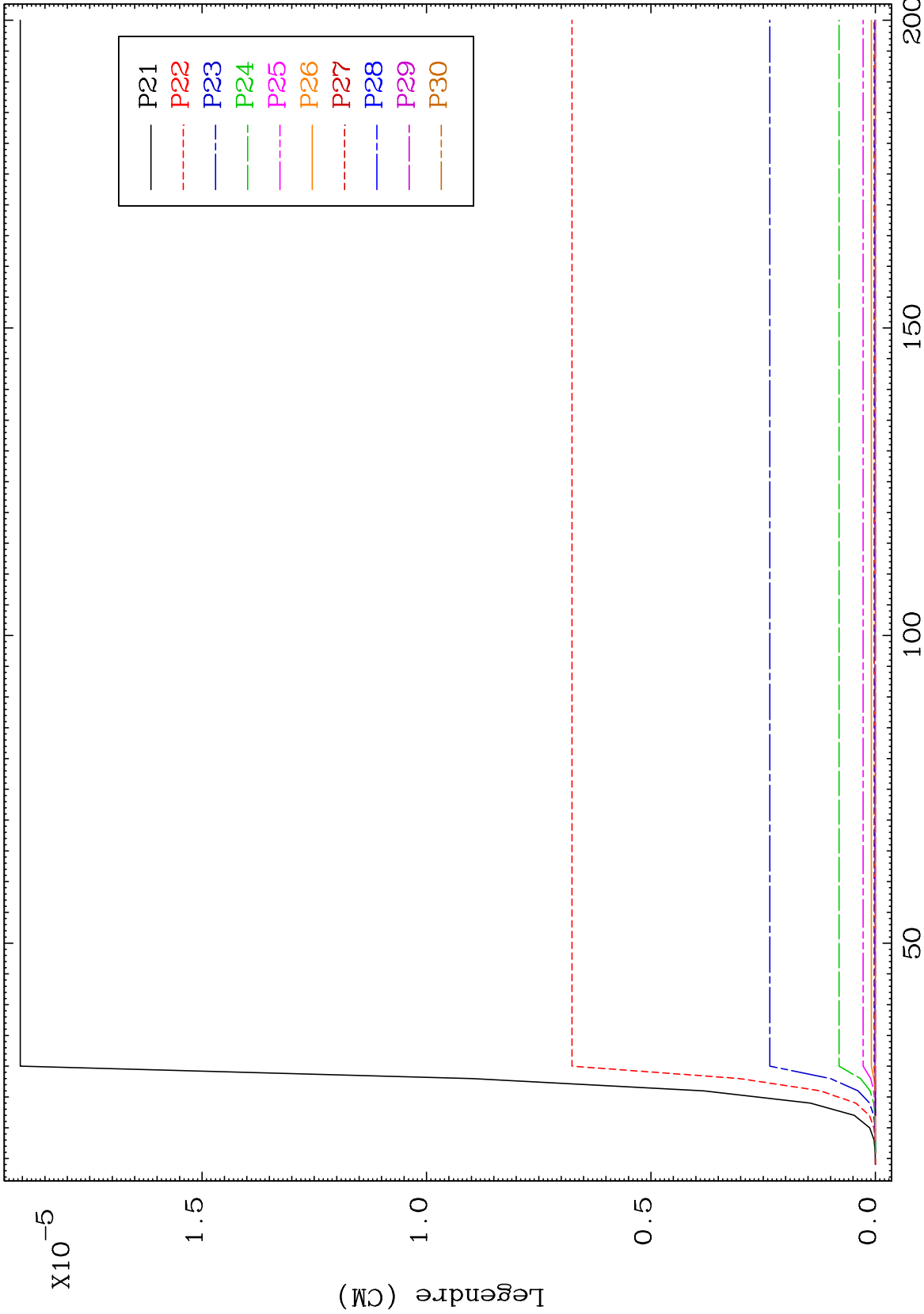
150

200

MAT 2037

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

20-Ca-44



106

Incident Energy (MeV)

20-Ca-44