

Program EVALPLOT
(Version 2018-1)

by

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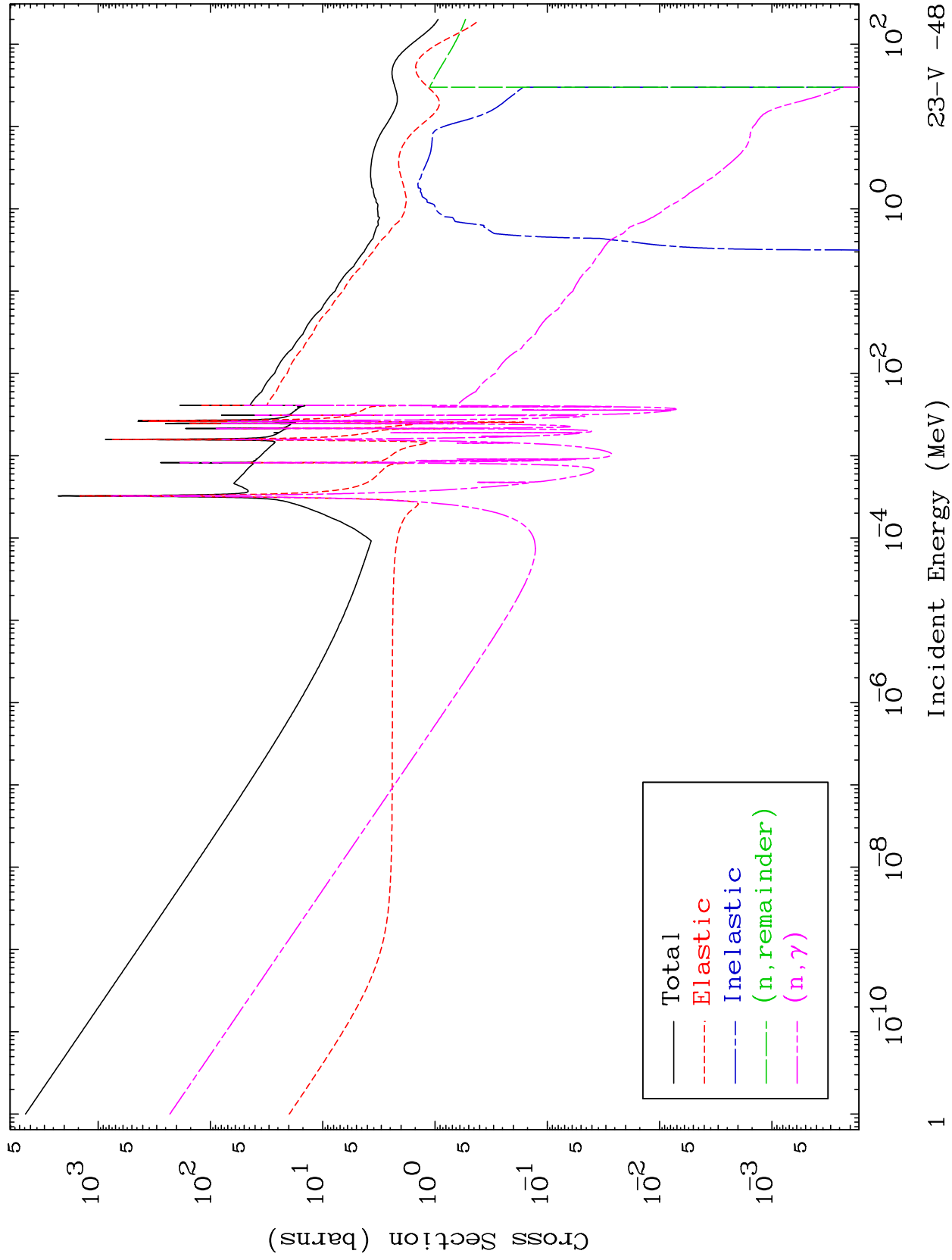
Press Mouse Button to Start

MAT 2319

Major

293 Kelvin Cross Sections

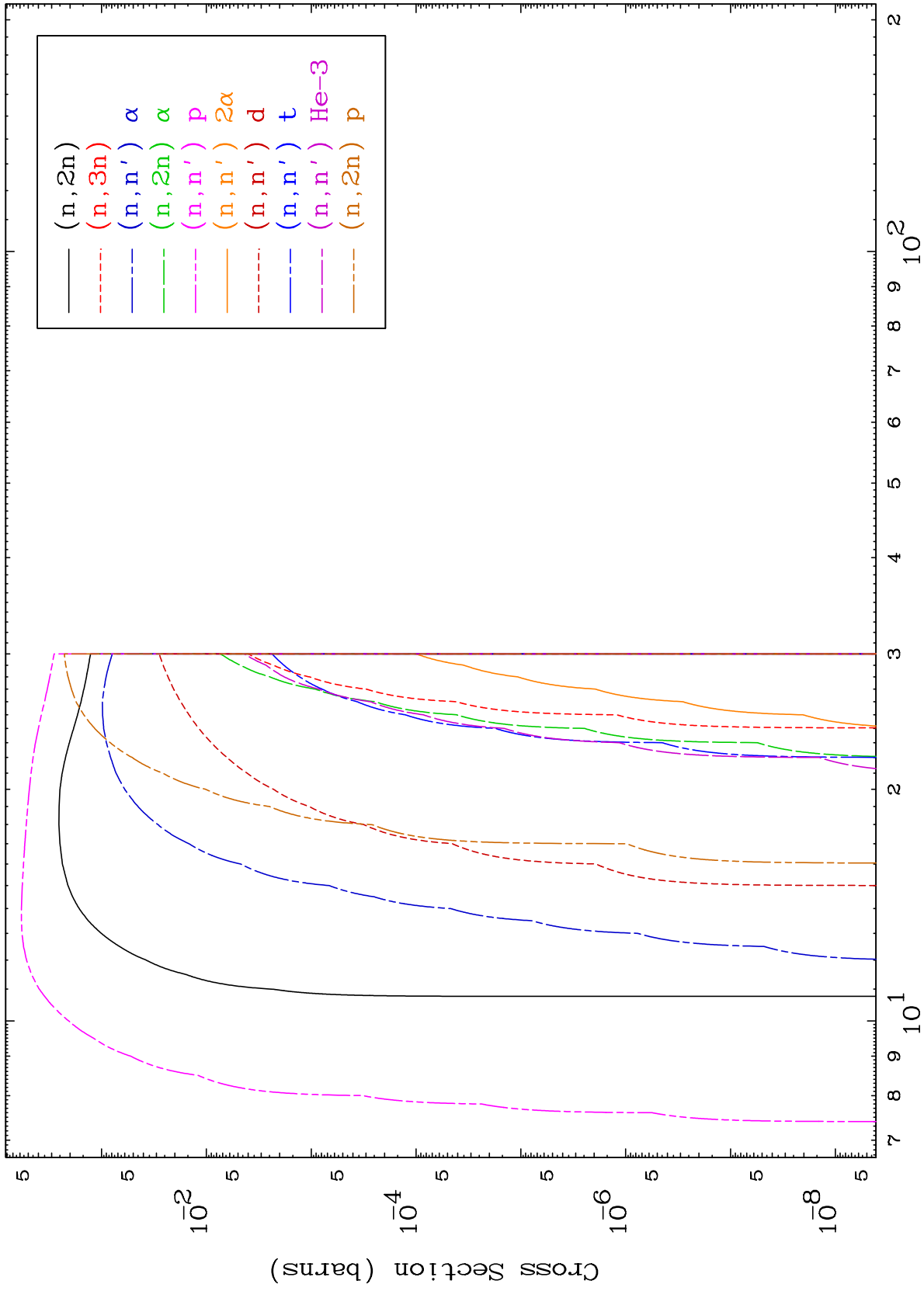
23-V -48



MAT 2319

Neutron Production 293 Kelvin Cross Sections

23-V -48



2

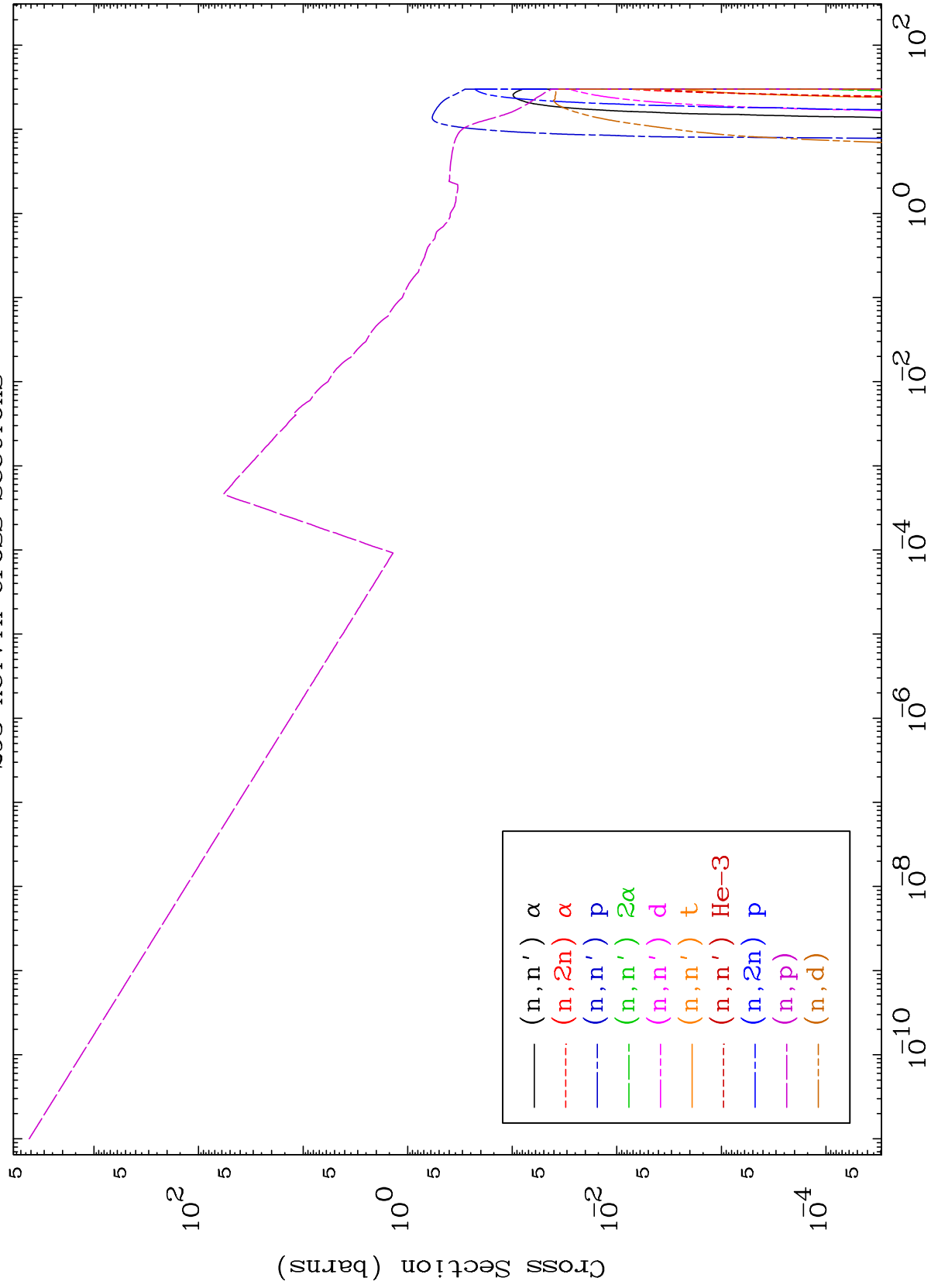
Incident Energy (MeV)

23-V -48

MAT 2319

Charged Particle
293 Kelvin Cross Sections

23-V -48



3

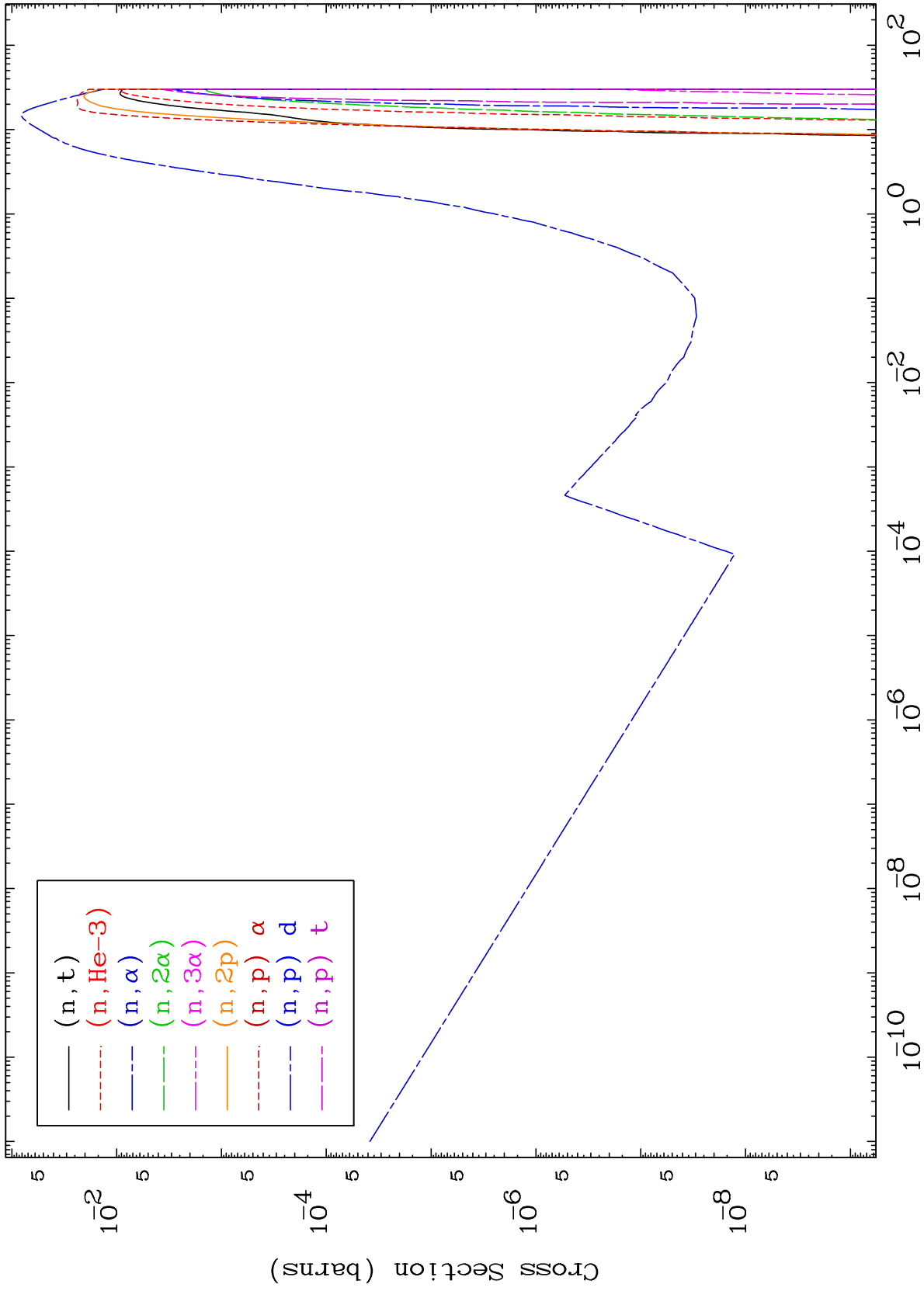
Incident Energy (MeV)

23-V -48

MAT 2319

Charged Particle
293 Kelvin Cross Sections

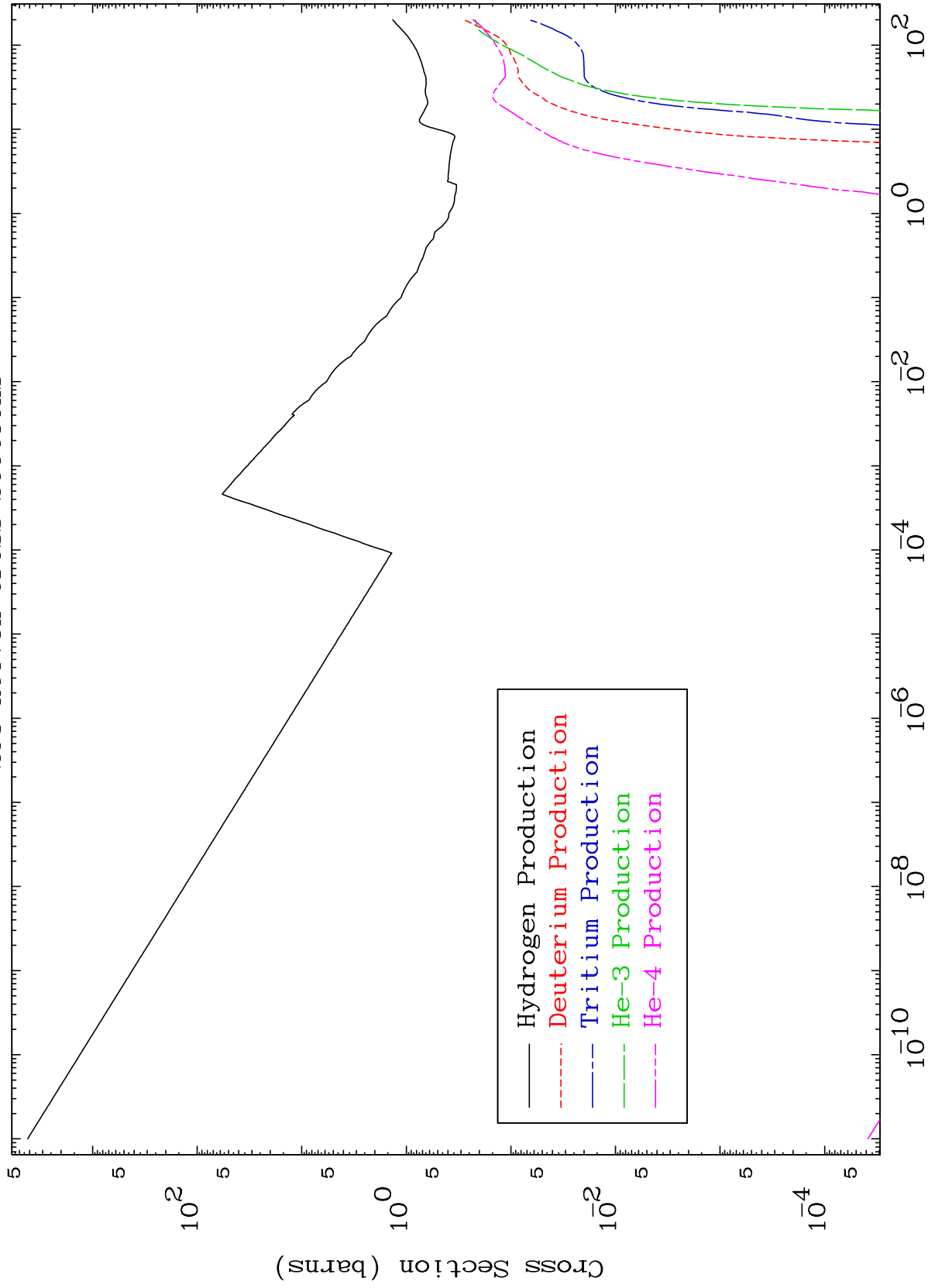
23-V -48



MAT 2319

Particle Production
293 Kelvin Cross Sections

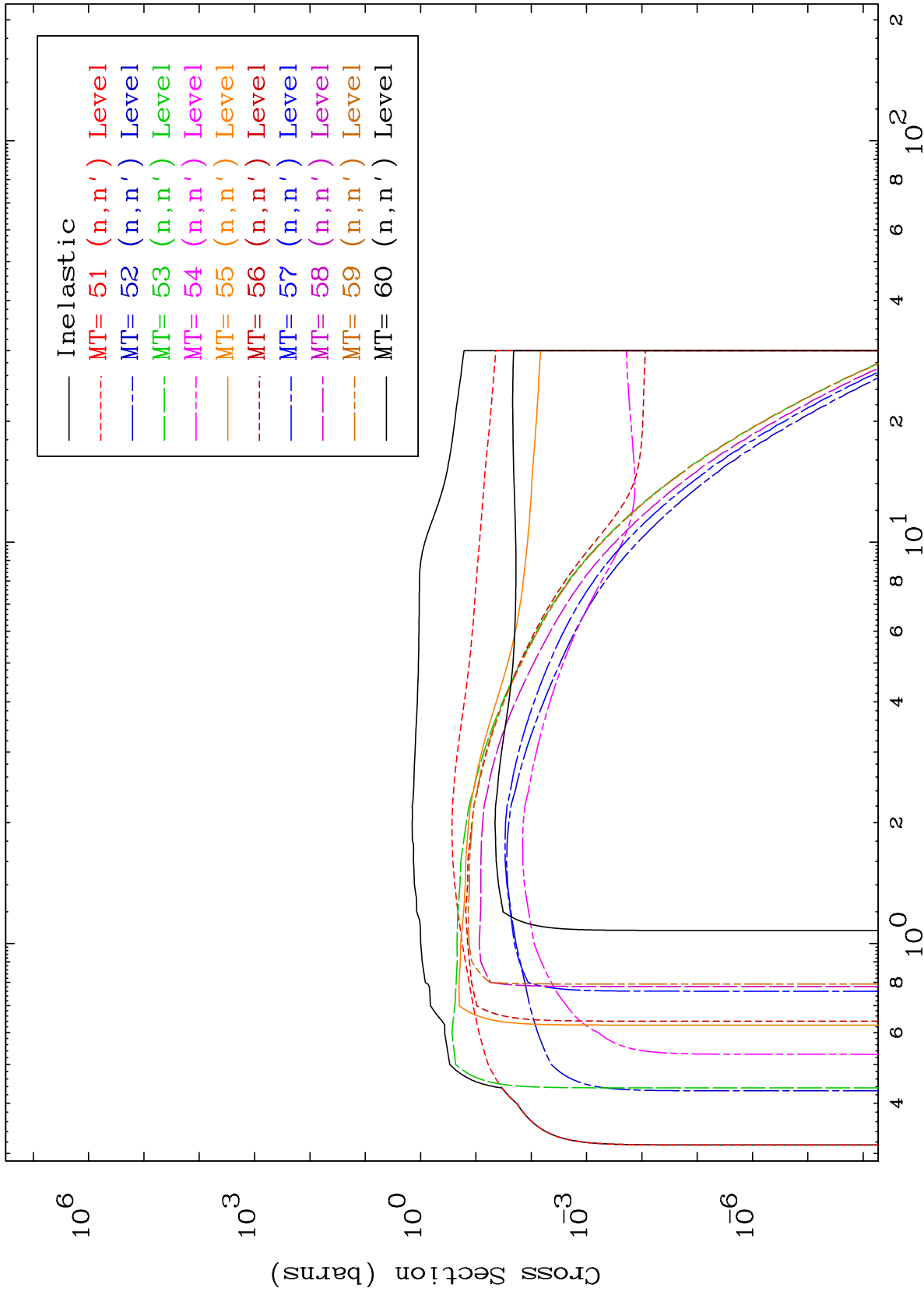
23-V -48



5

Incident Energy (MeV)

23-V -48

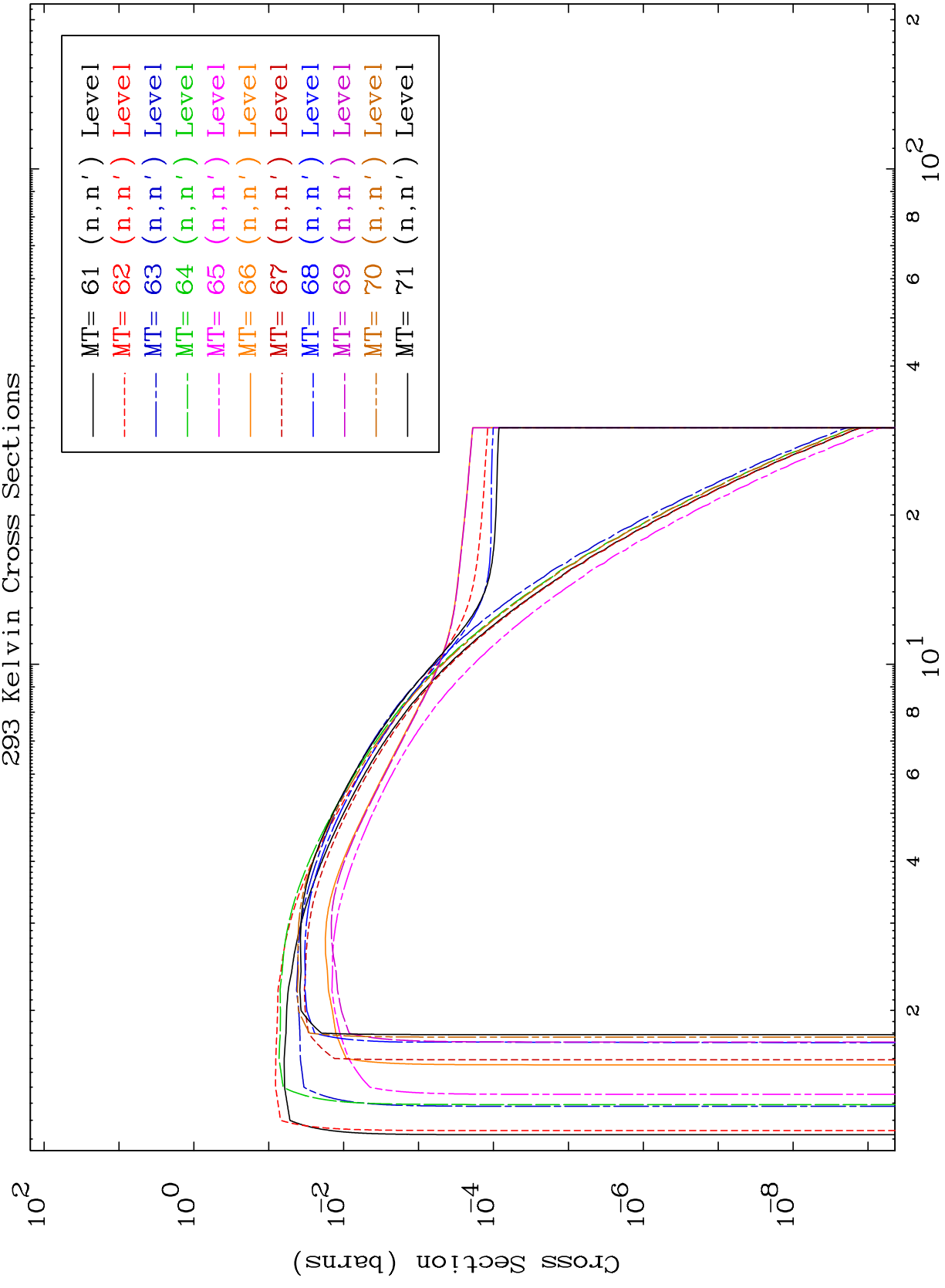


MAT 2319

(n,n') Level

23-V -48

293 Kelvin Cross Sections



7

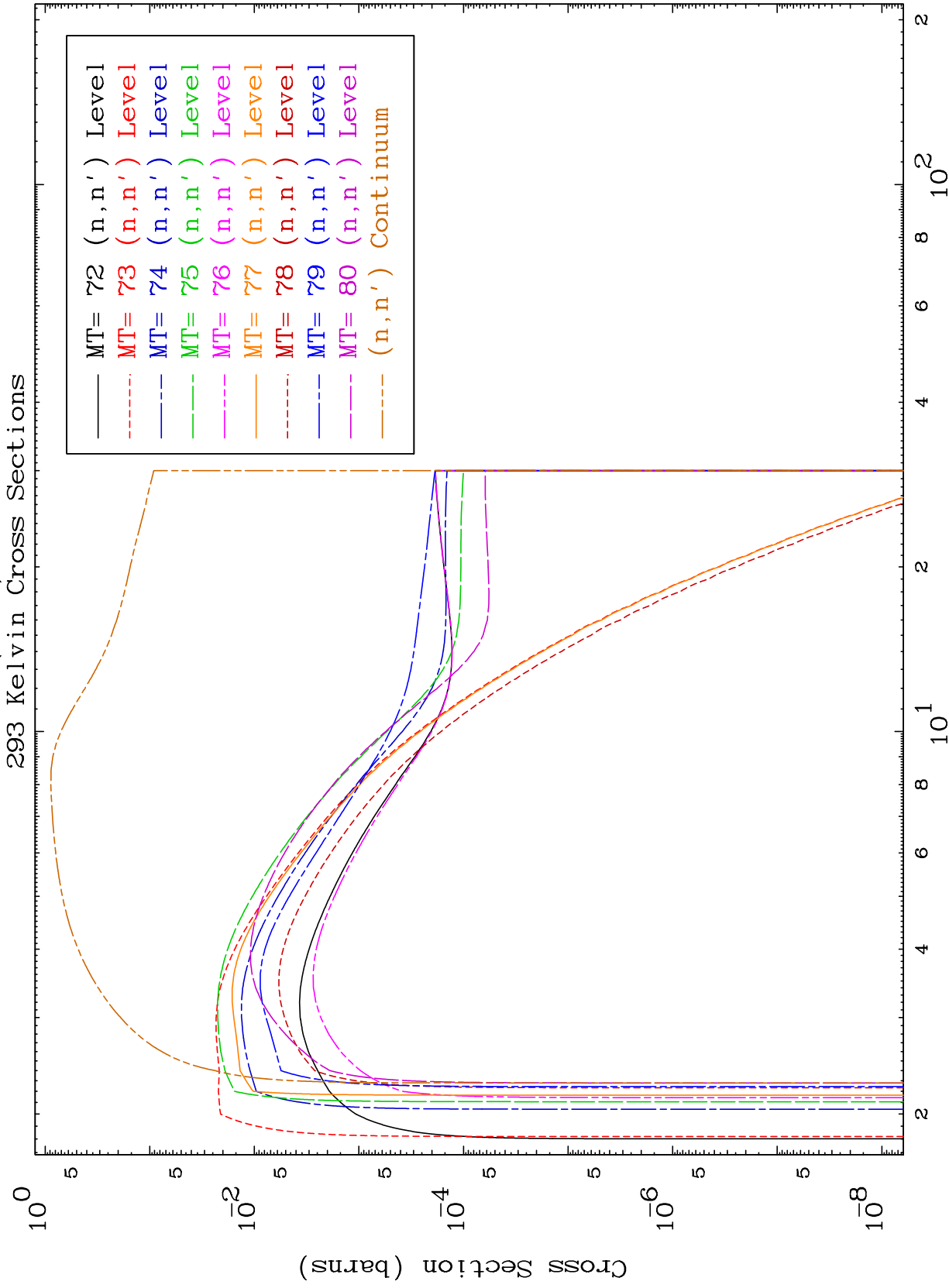
Incident Energy (MeV)

23-V -48

MAT 2319

(n,n') Level

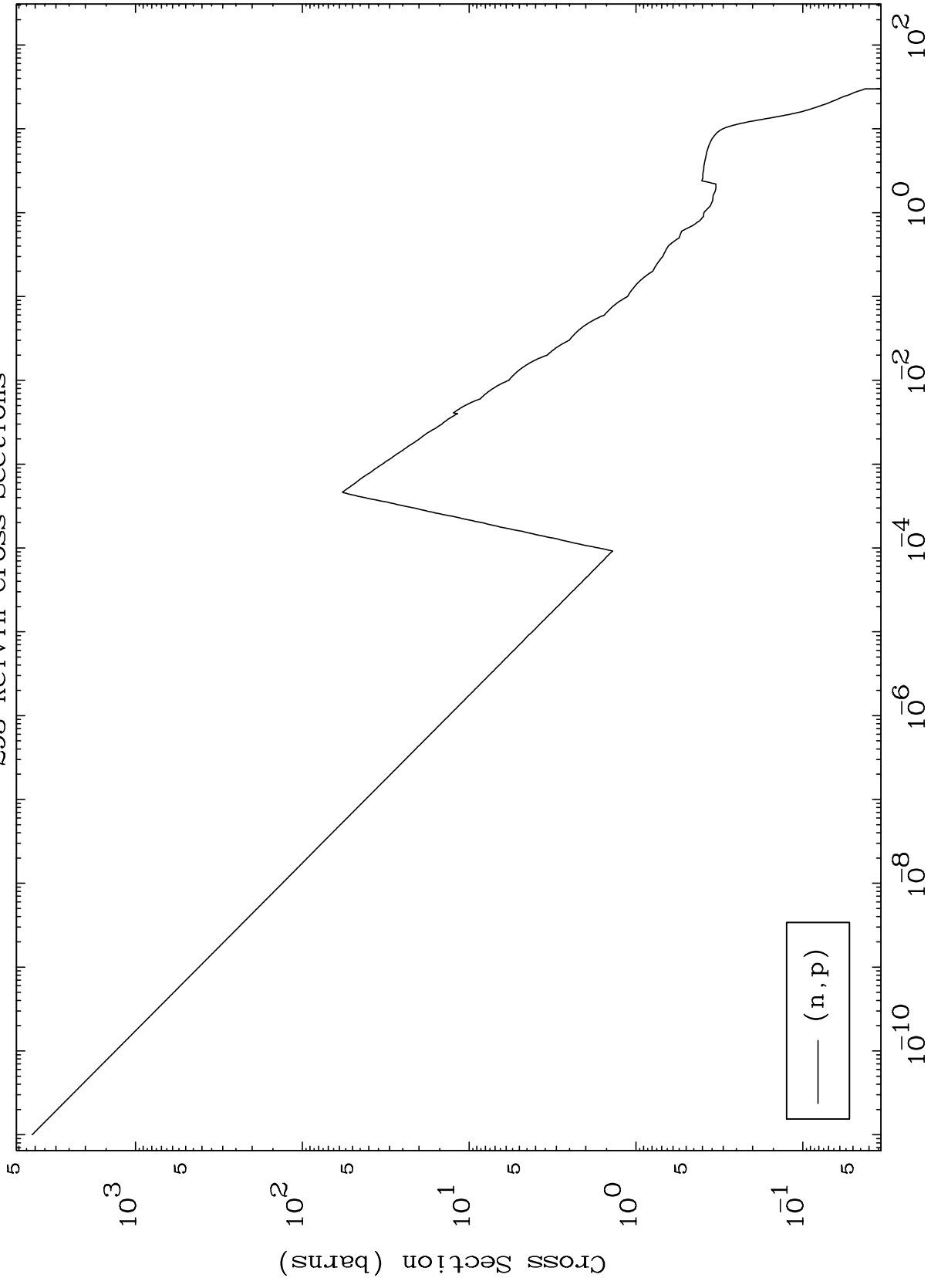
23-V -48



MAT 2319

(n,p) Levels
293 Kelvin Cross Sections

23-V -48

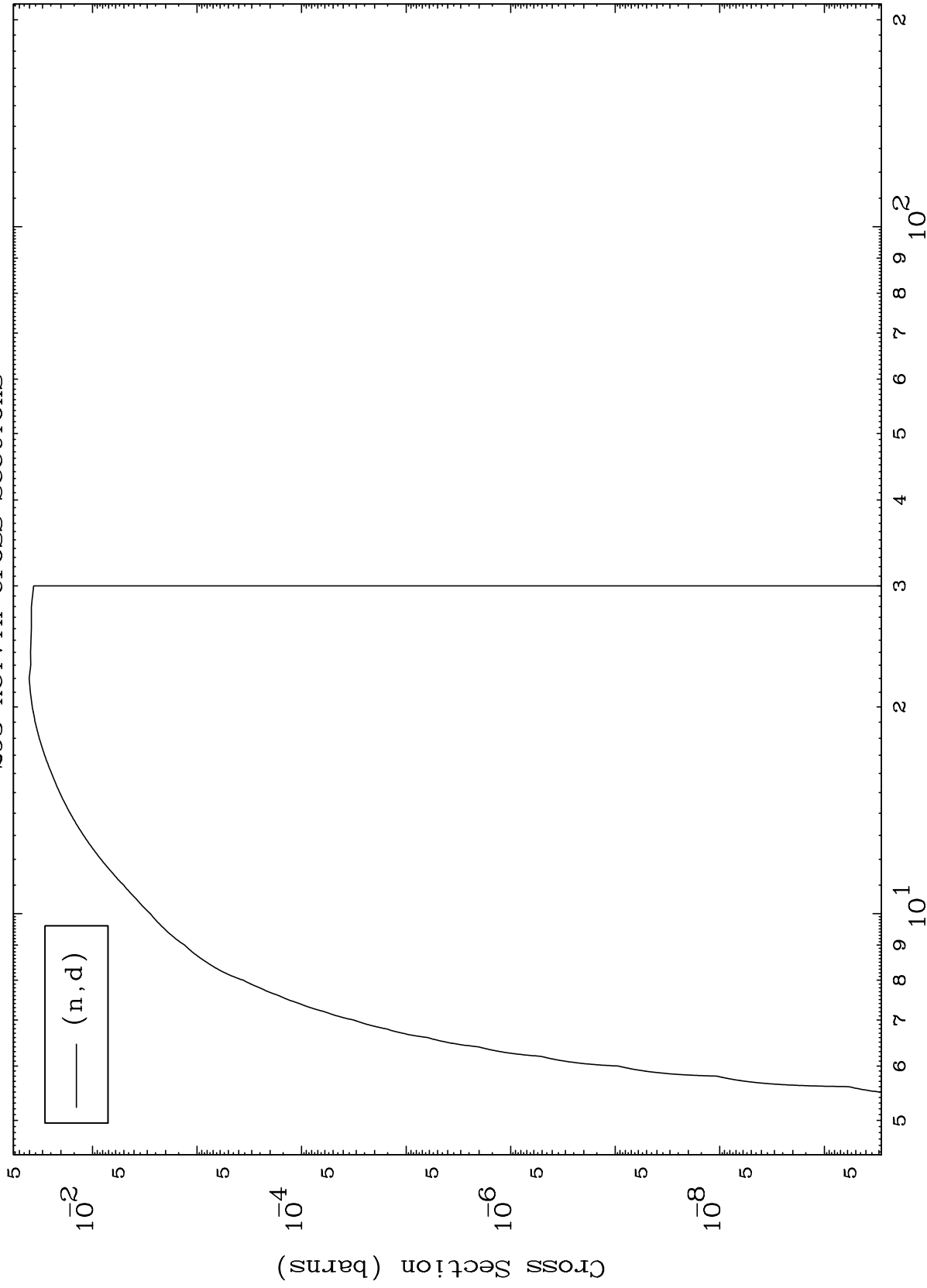


— (n, p)

MAT 2319

(n,d) Levels
293 Kelvin Cross Sections

23-V -48



10

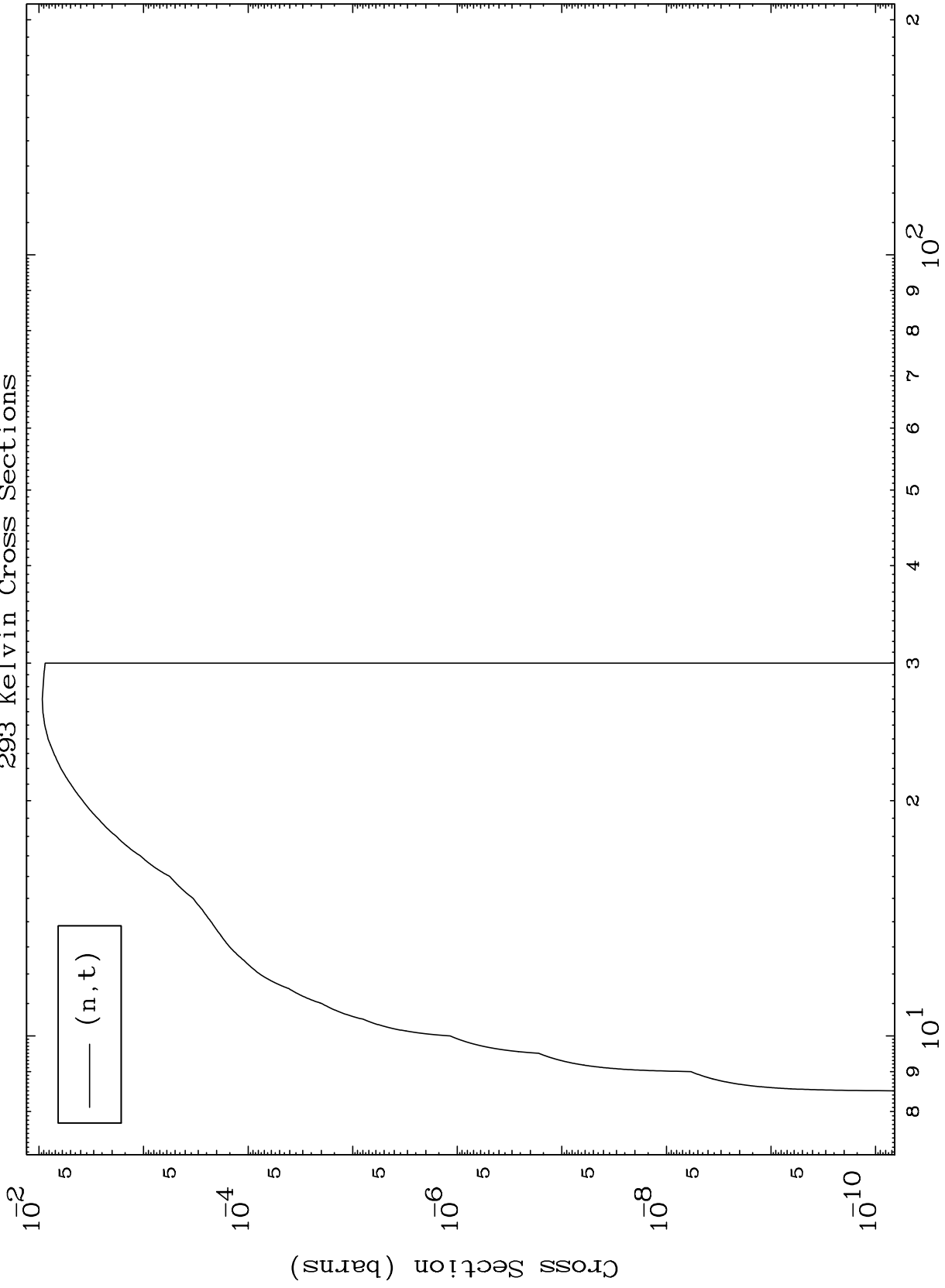
Incident Energy (MeV)

23-V -48

MAT 2319

(n,t) Levels
293 Kelvin Cross Sections

23-V -48



11

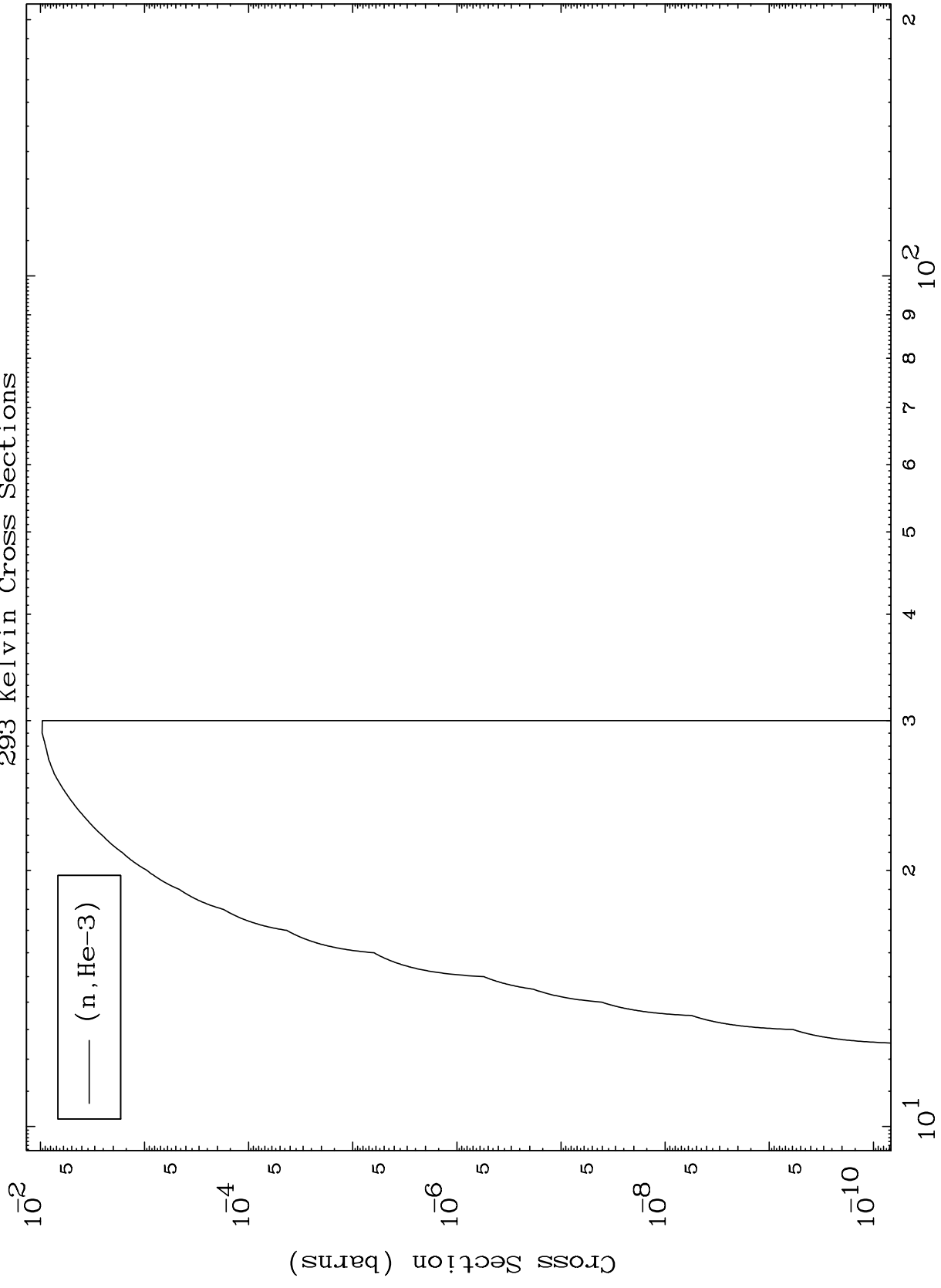
Incident Energy (MeV)

23-V -48

MAT 2319

(n,He3) Levels
293 Kelvin Cross Sections

23-V -48



12

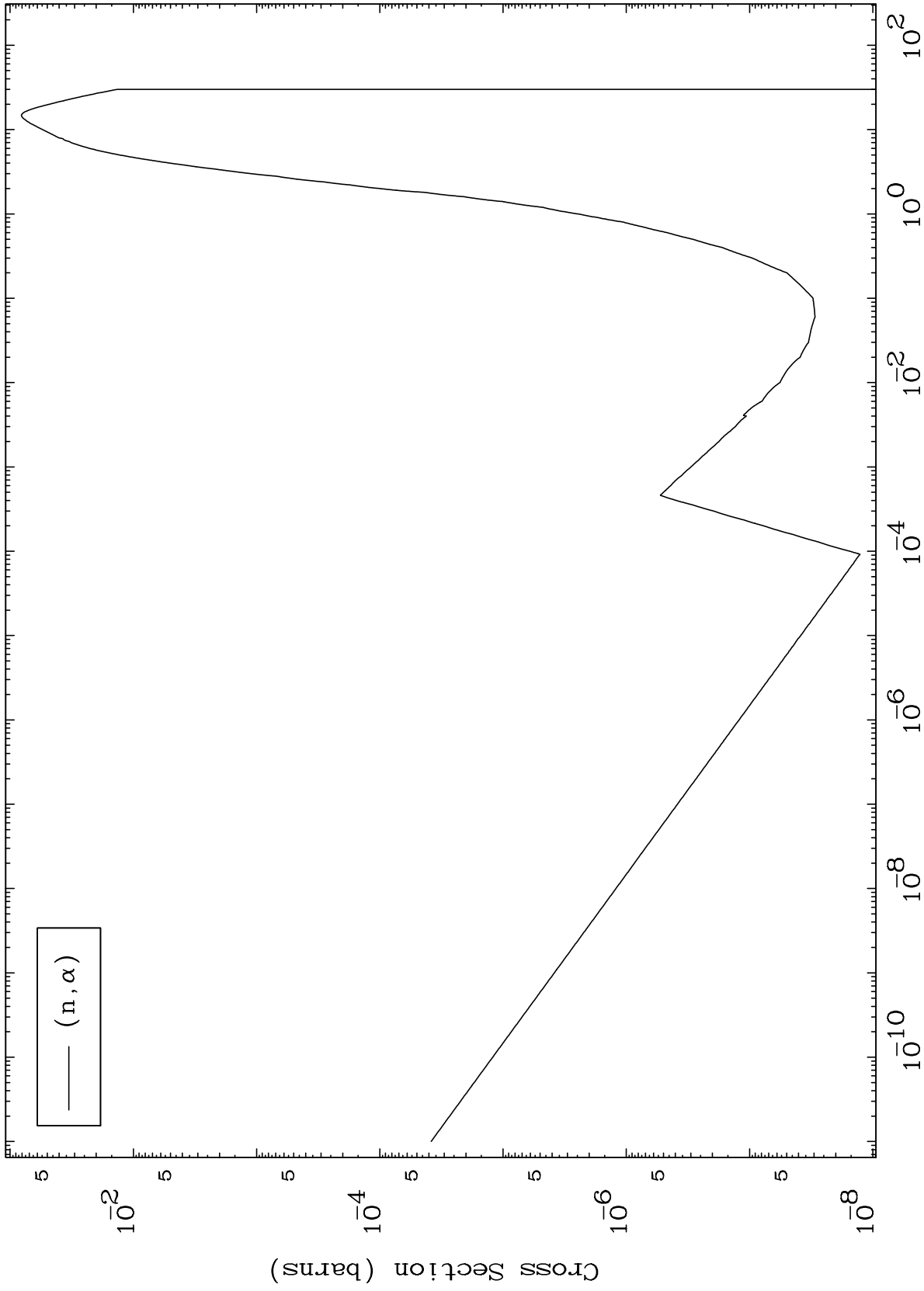
Incident Energy (MeV)

23-V -48

MAT 2319

(n,α) Levels
293 Kelvin Cross Sections

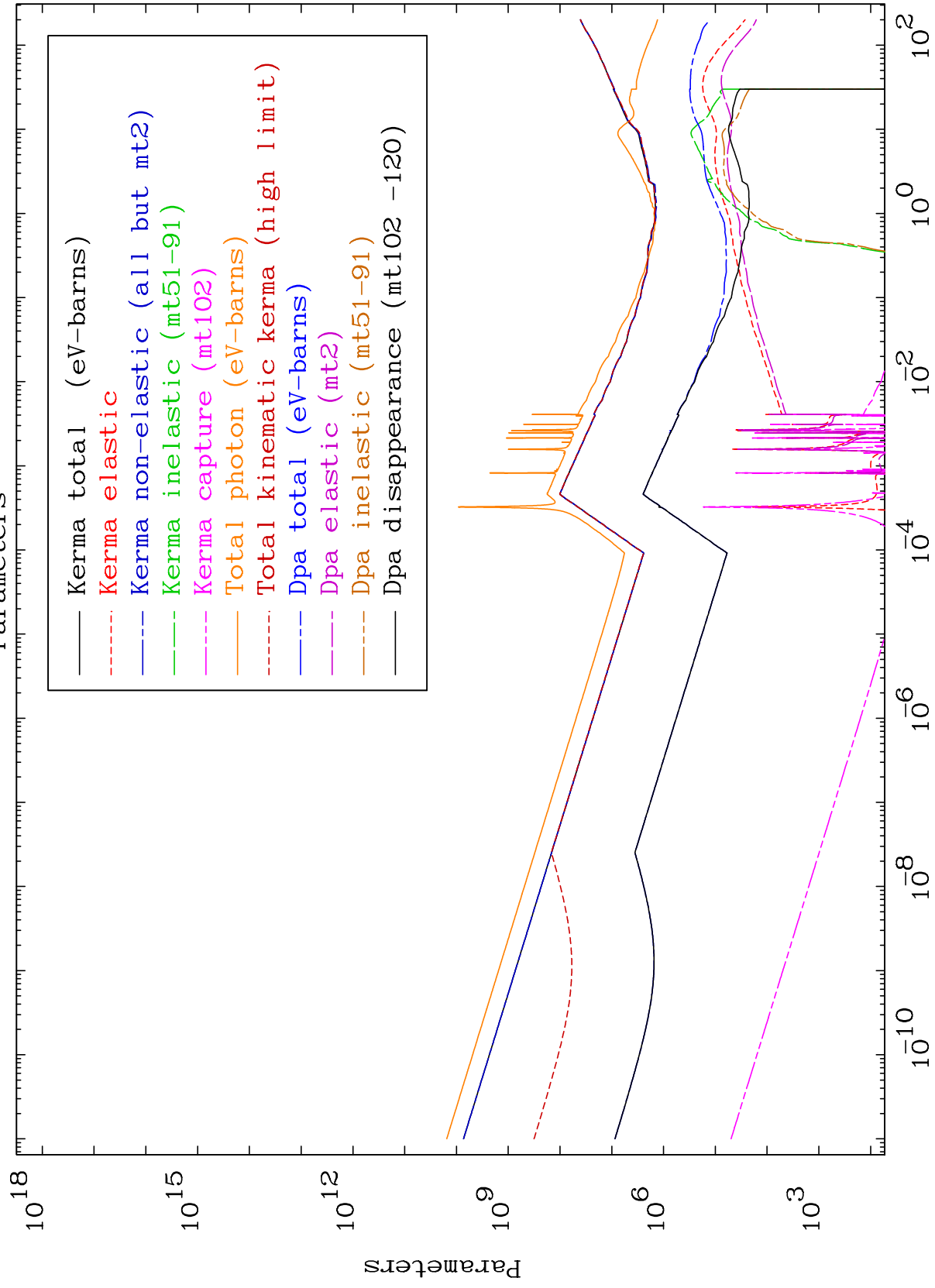
23-V -48



13

Incident Energy (MeV)

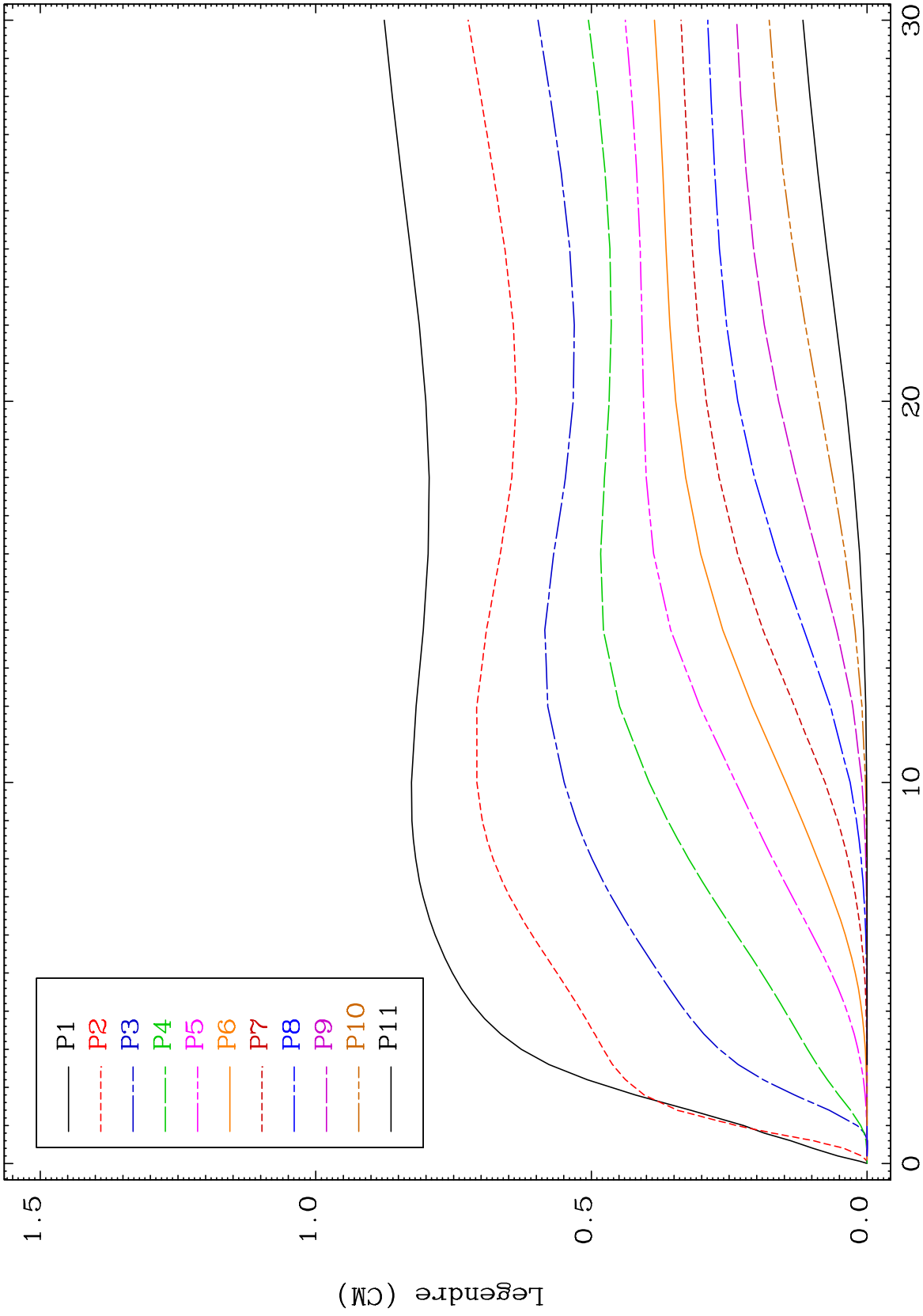
23-V -48



MAT 2319

Elastic Legendre Coefficients

23-V -48



15

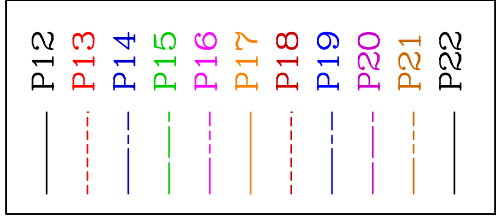
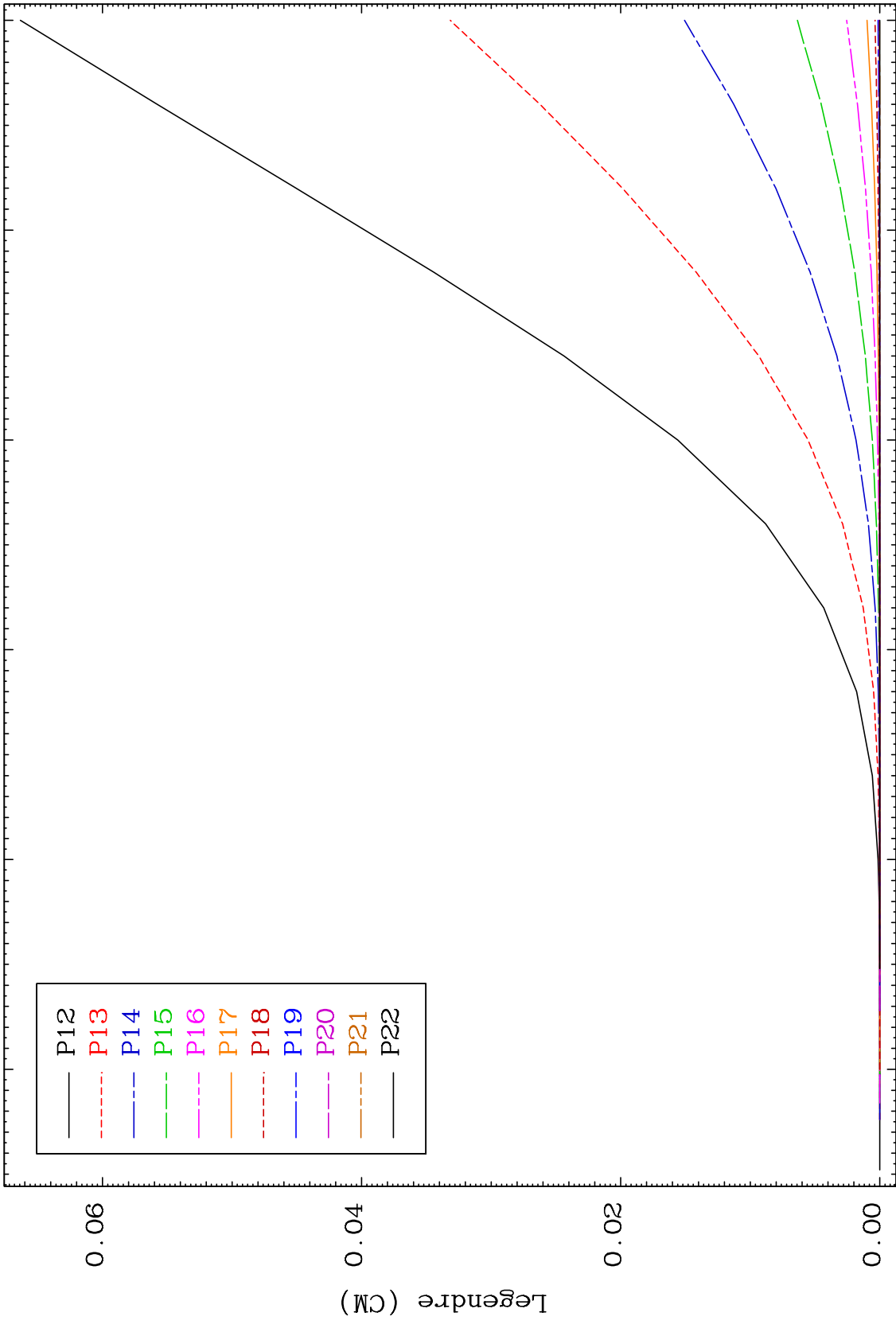
Incident Energy (MeV)

23-V -48

MAT 2319

Elastic Legendre Coefficients

23-V -48



16

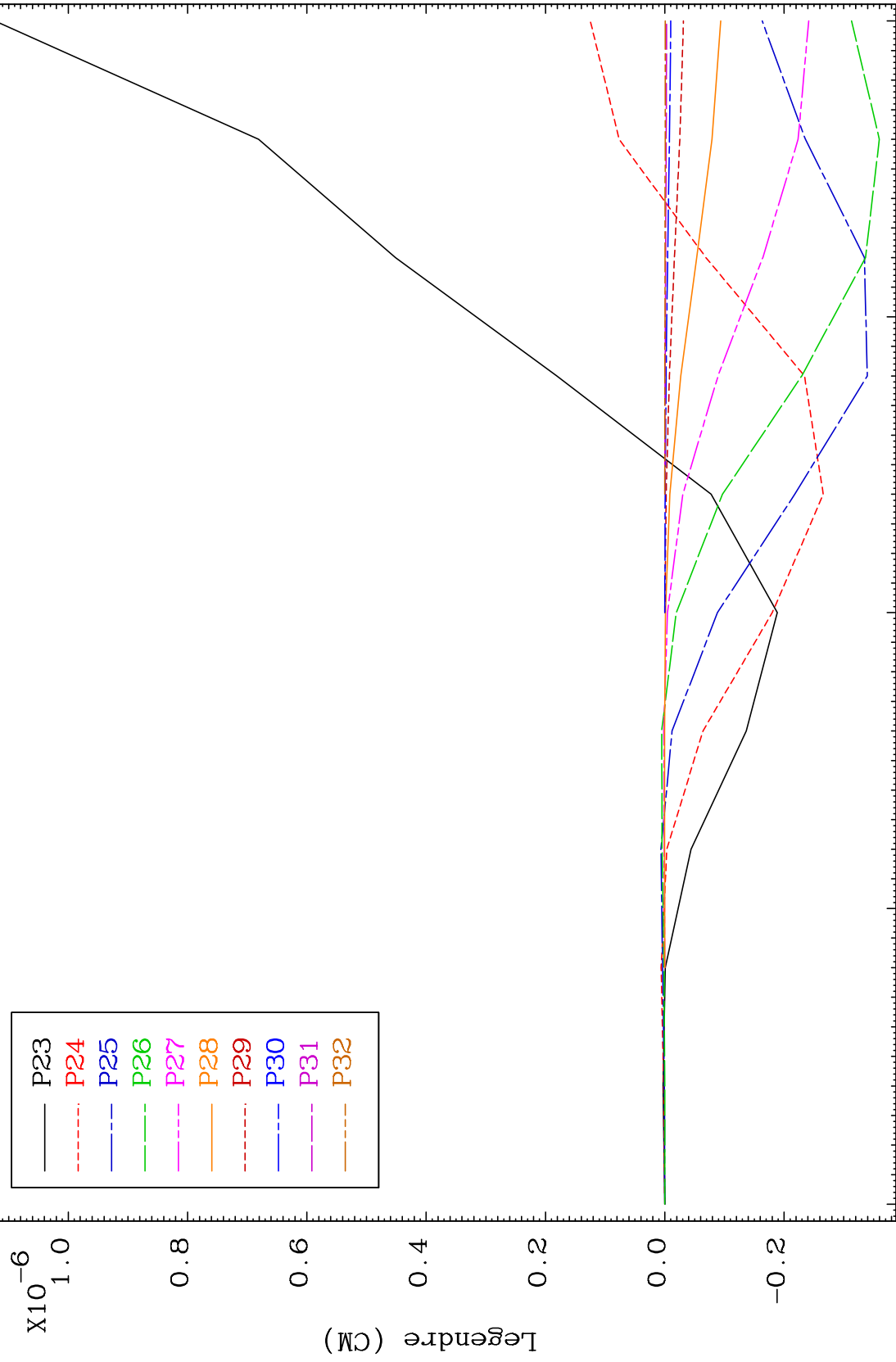
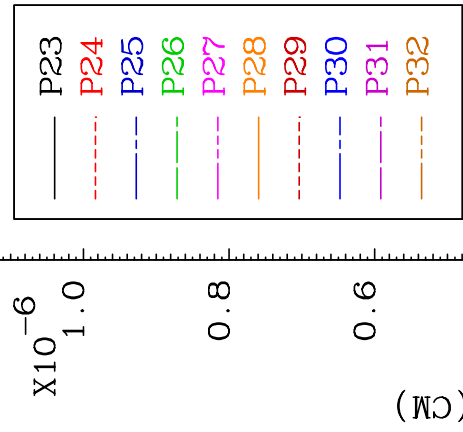
Incident Energy (MeV)

23-V -48

MAT 2319

Elastic Legendre Coefficients

23-V -48



17

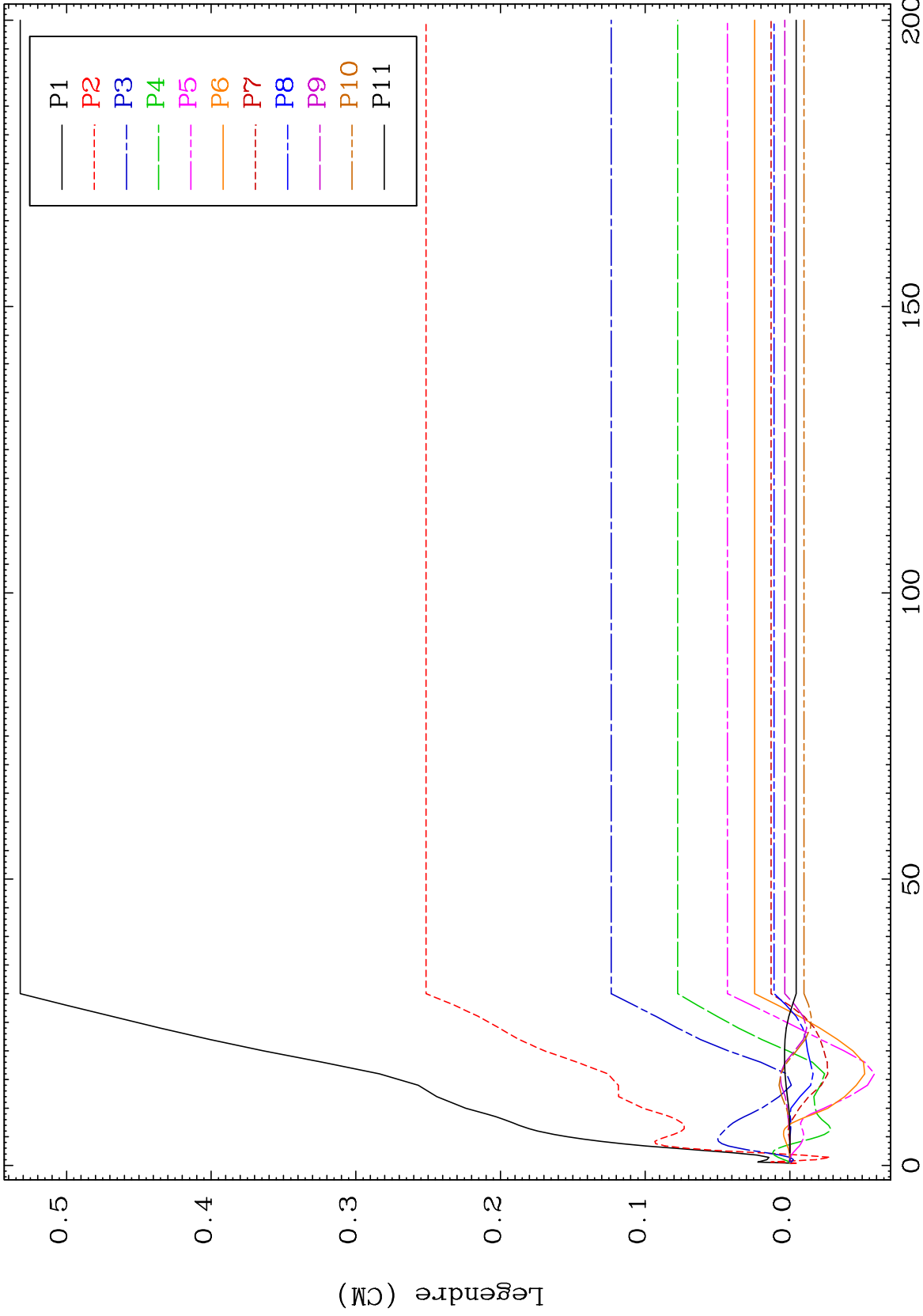
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



18

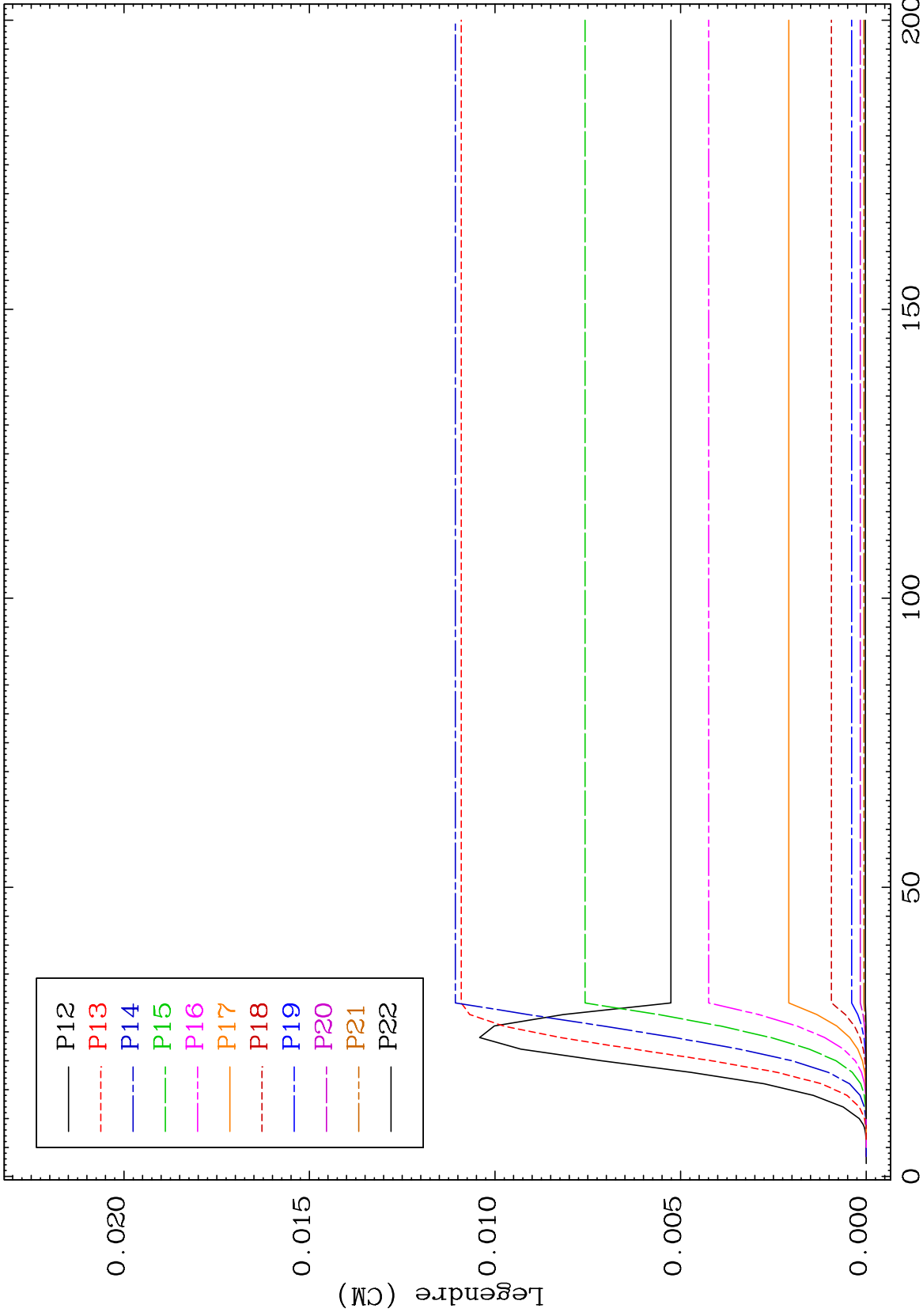
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



19

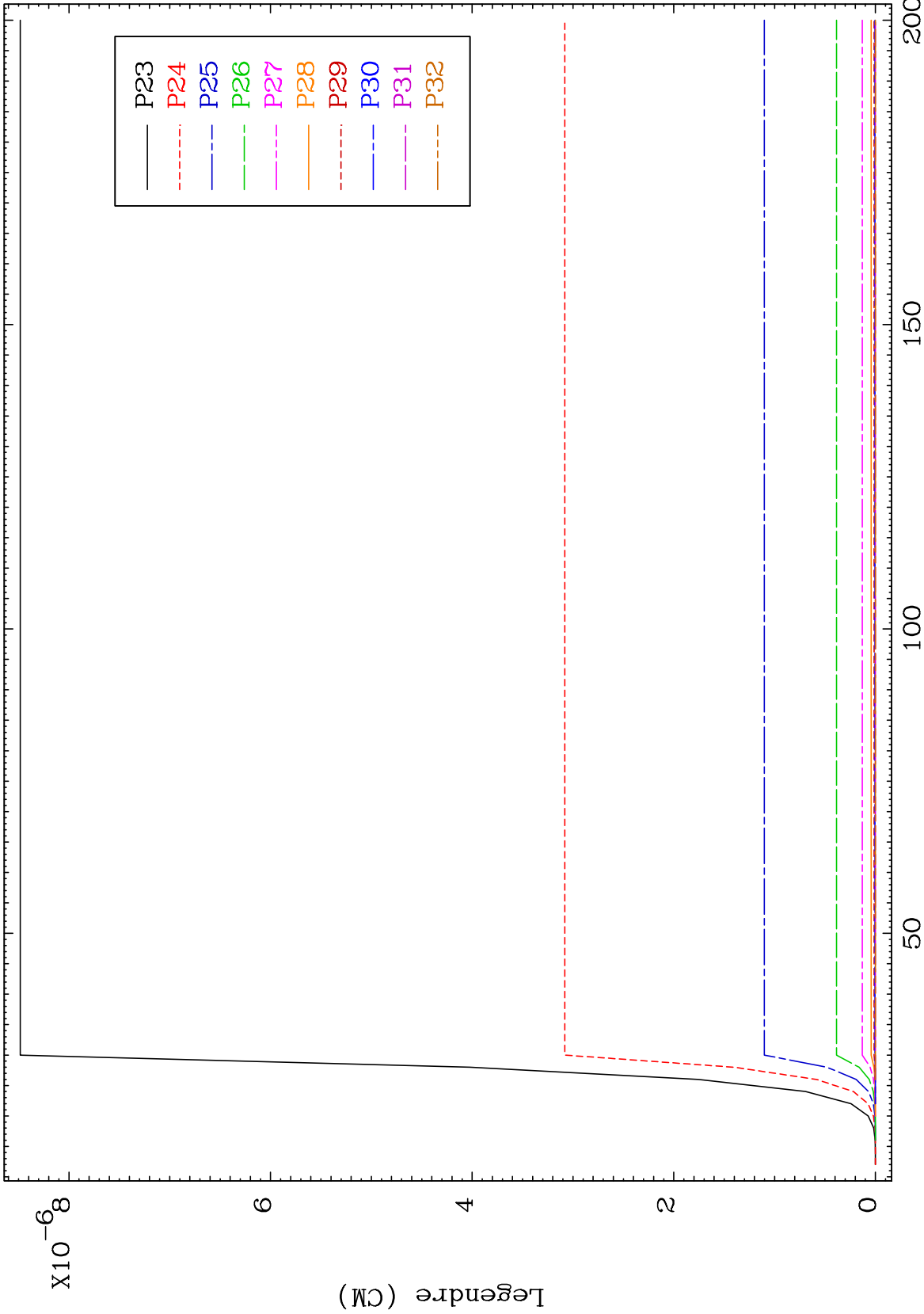
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



20

50

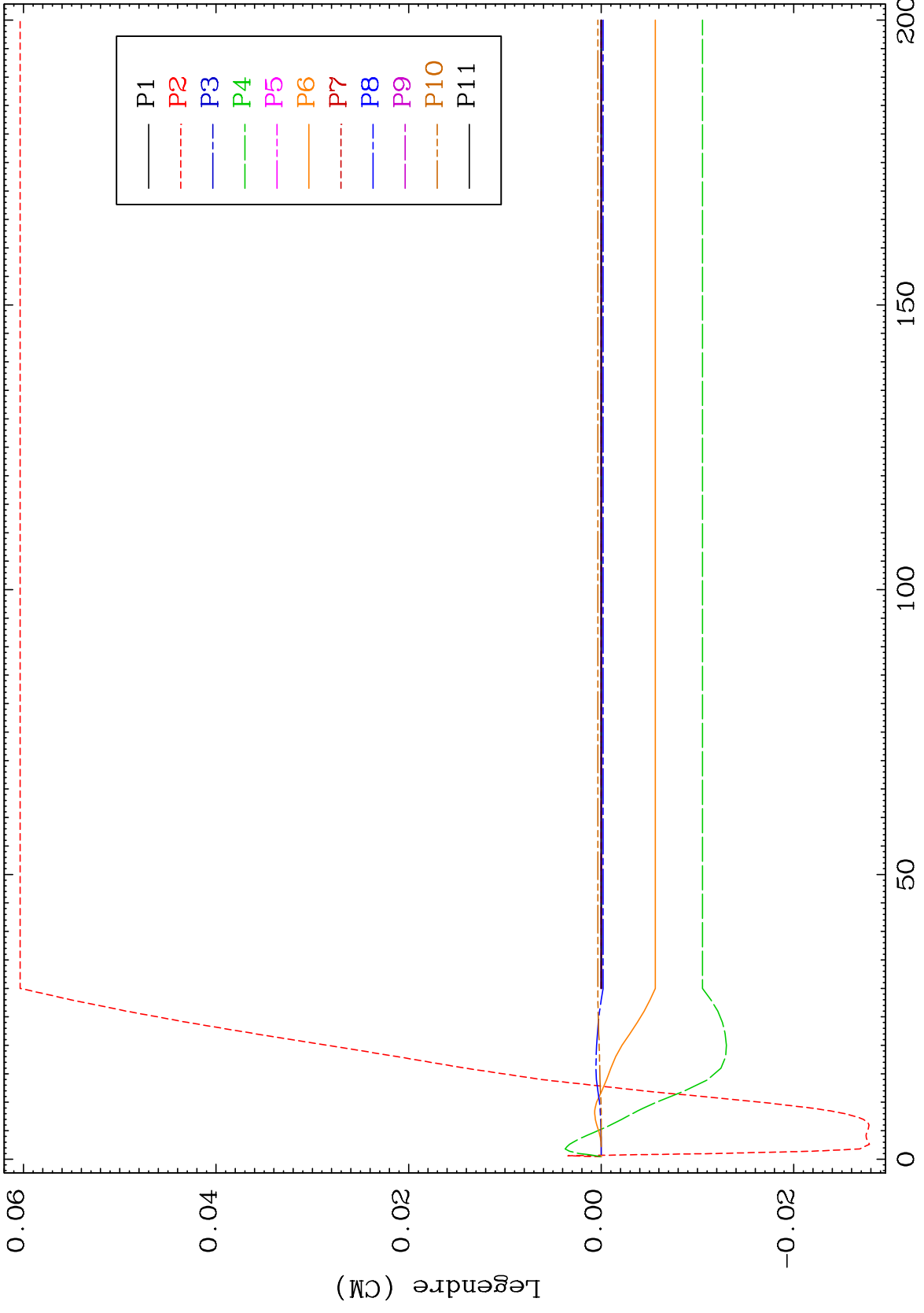
100

150

200

23-V -48

MAT 2319 MT= 52 (n,n') Level Legendre Coefficients 23-V -48

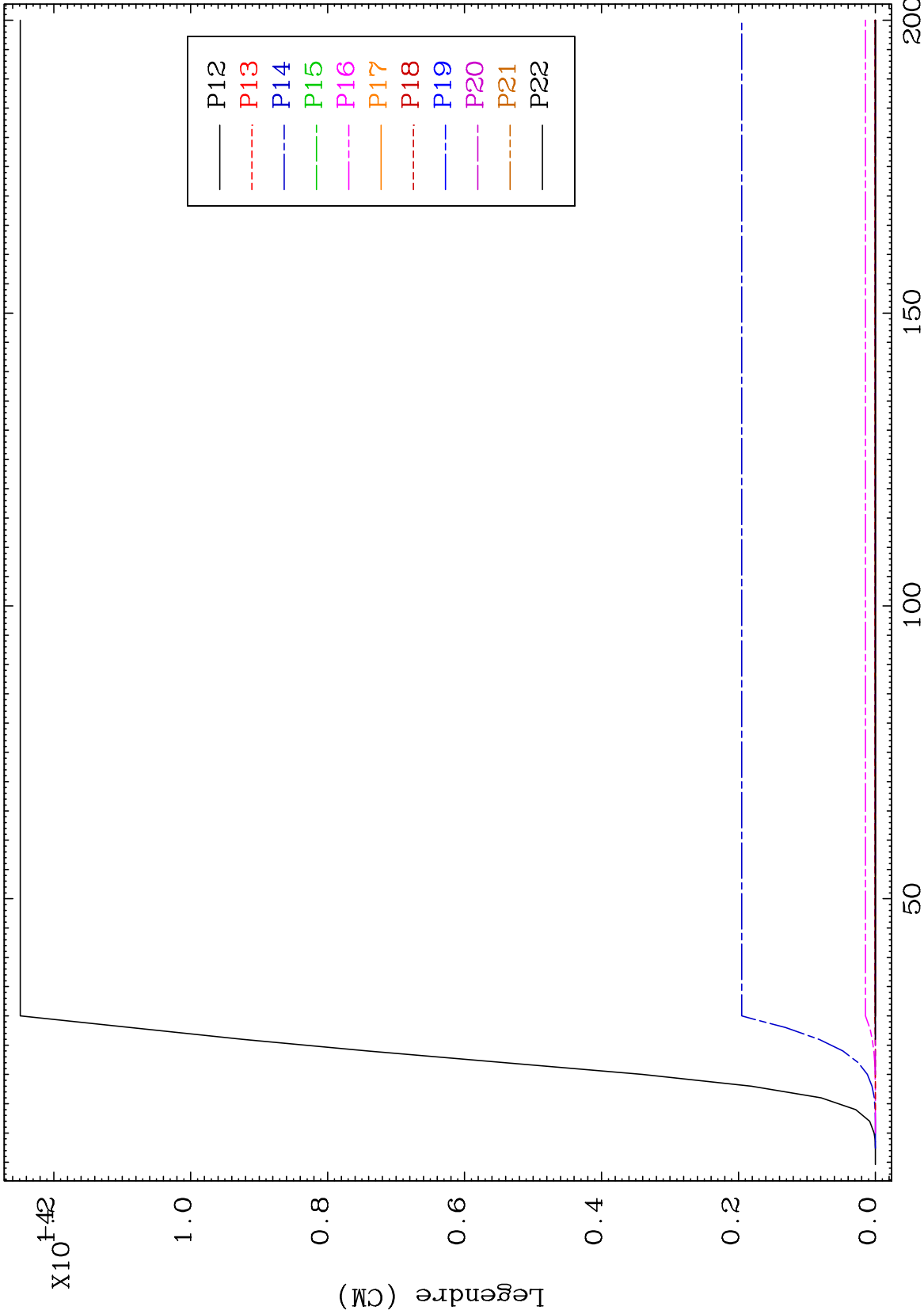


21 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48

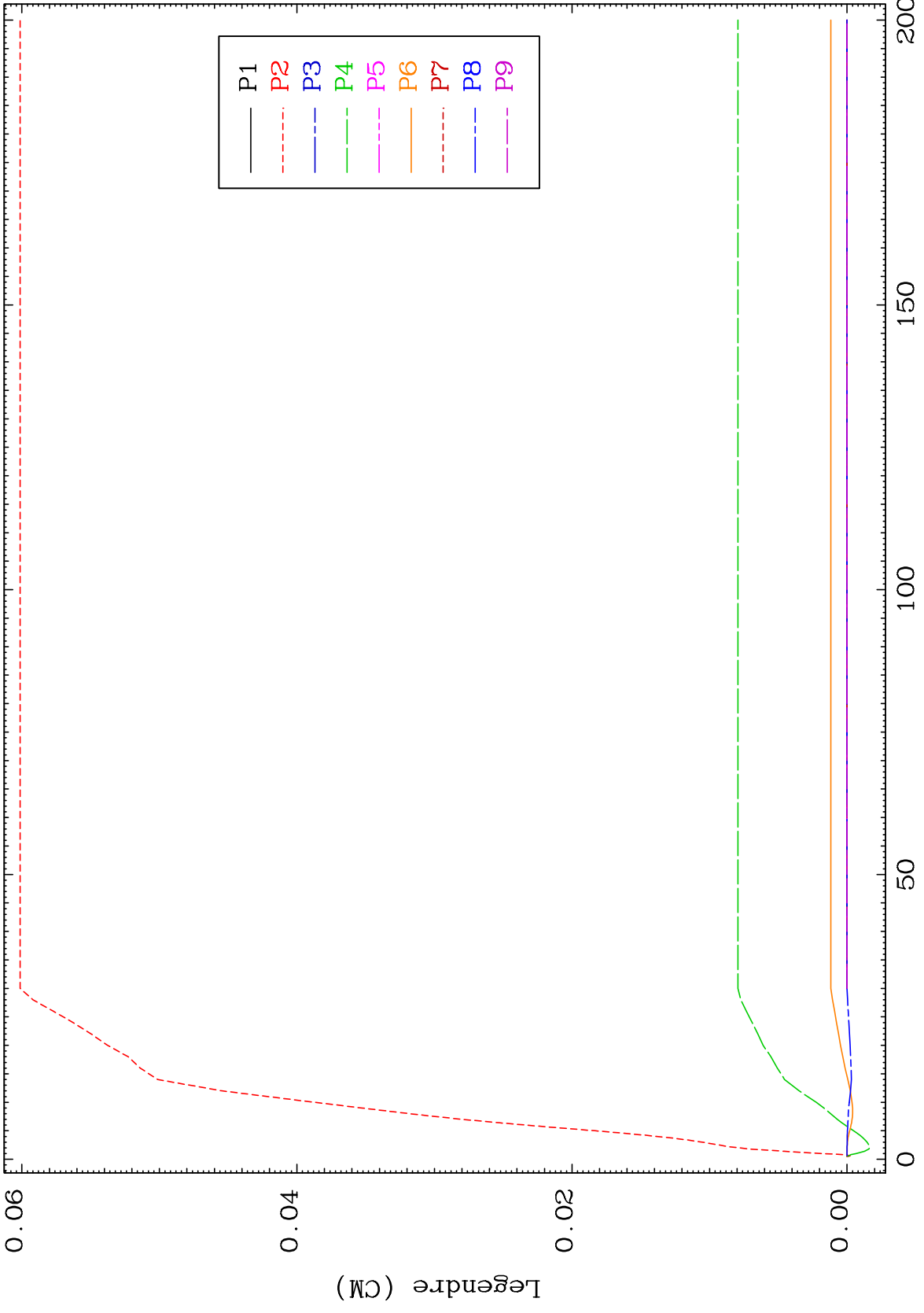


22

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 53 (n,n') Level Legendre Coefficients 23-V -48

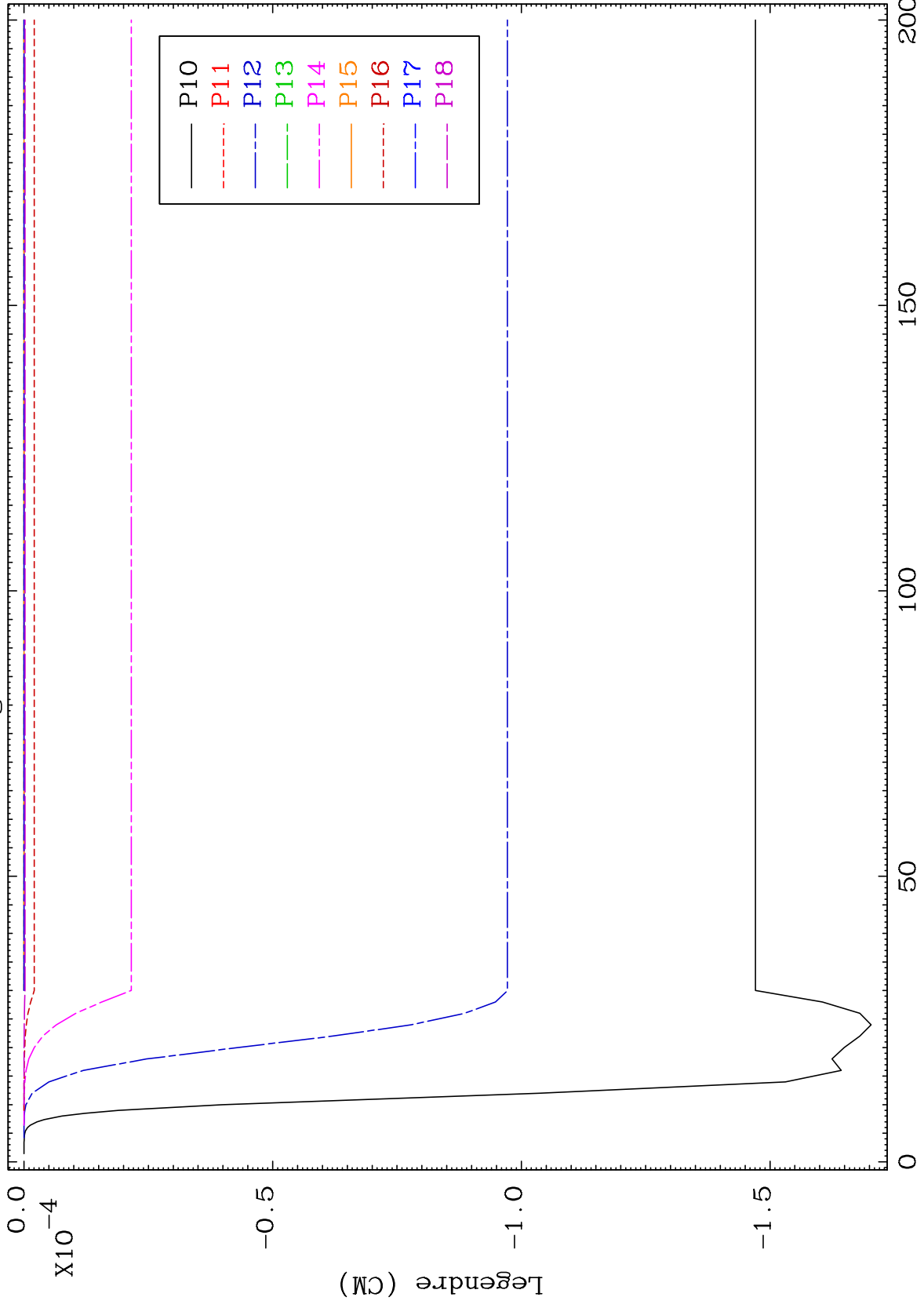


23 Incident Energy (MeV) 23-V -48

MAT 2319

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

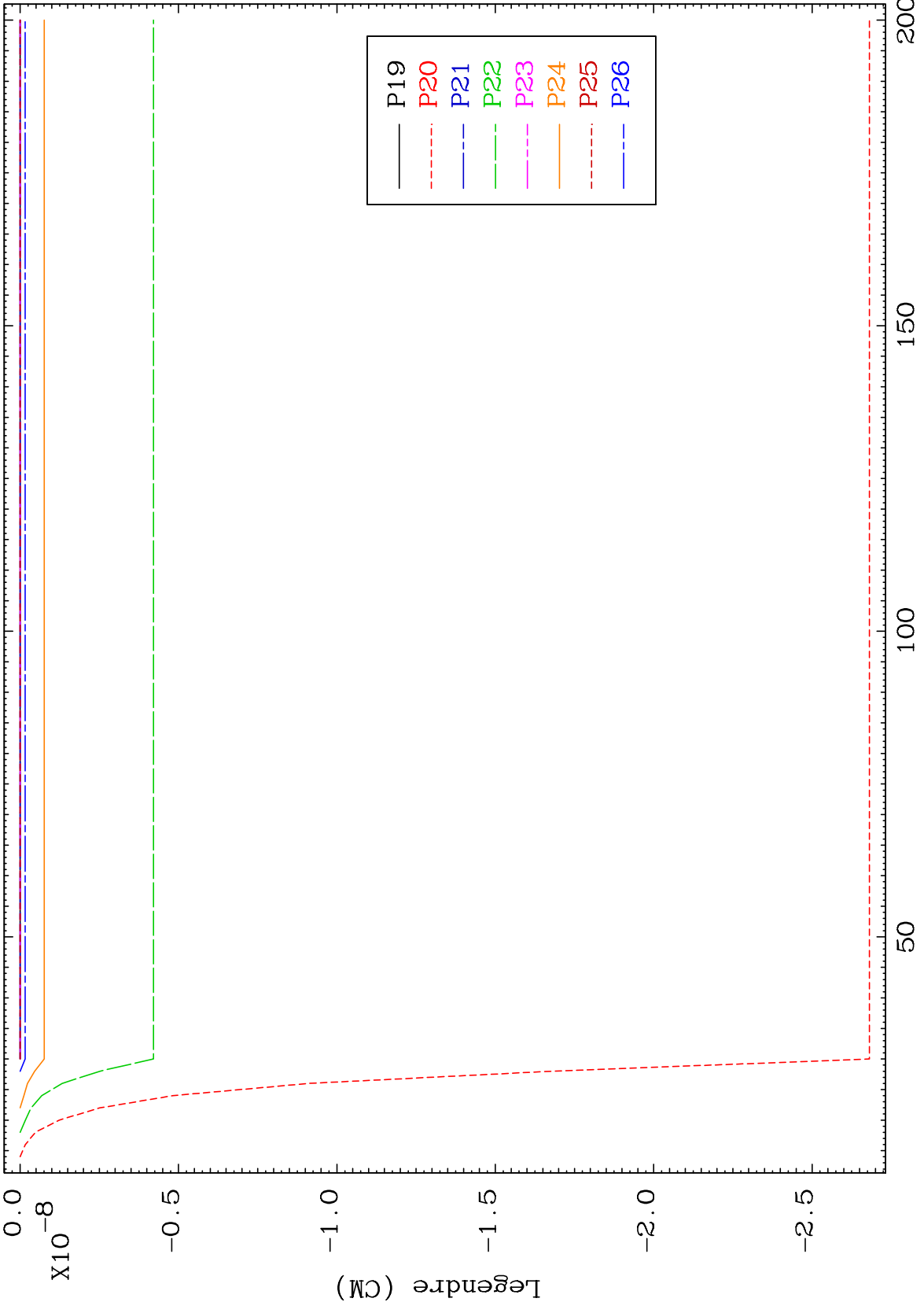
23-V -48



23-V -48

24

MAT 2319 MT= 53 (n,n') Level Legendre Coefficients 23-V -48

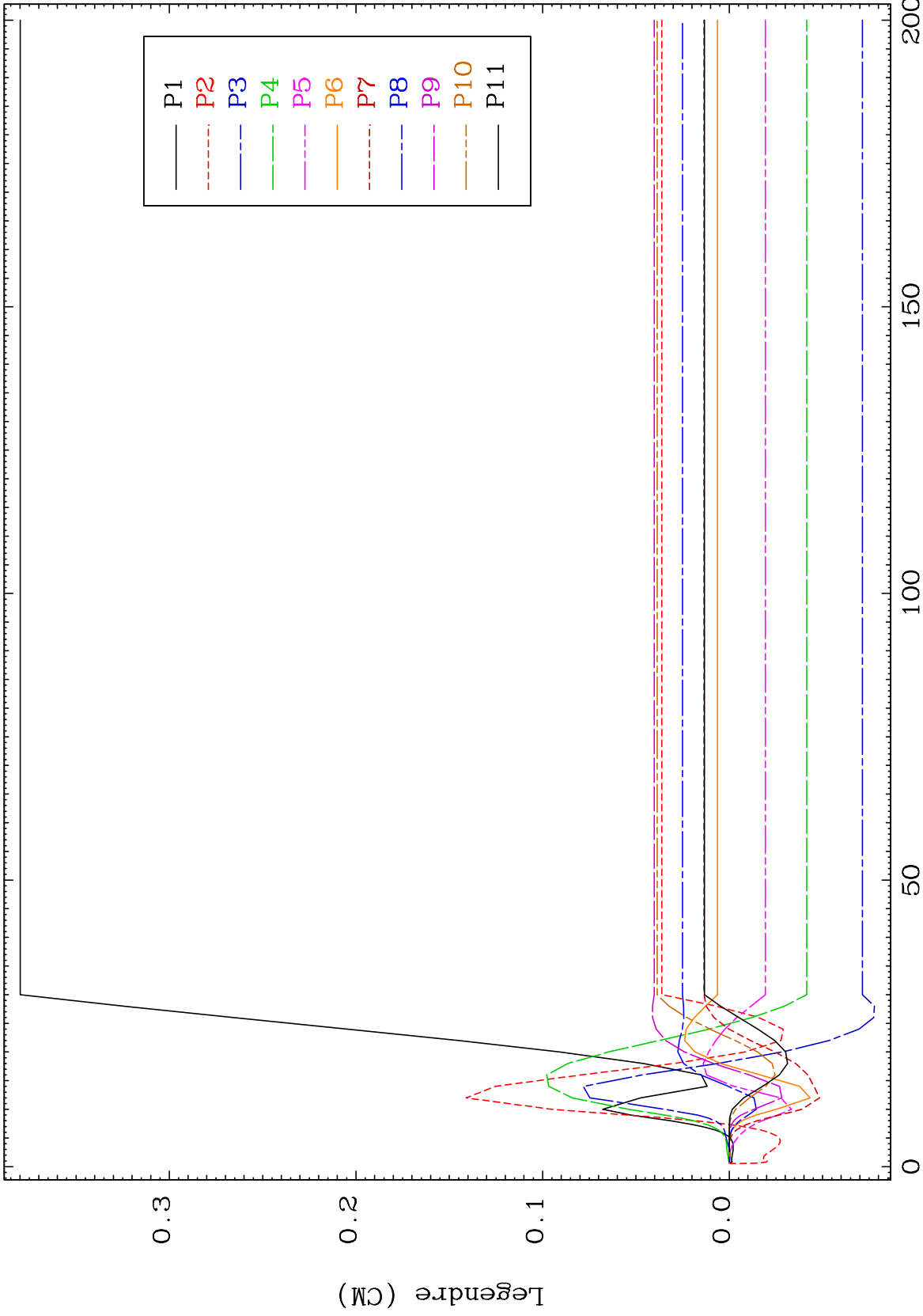


25 50 100 150 200 23-V -48

MAT 2319

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

23-V -48



26

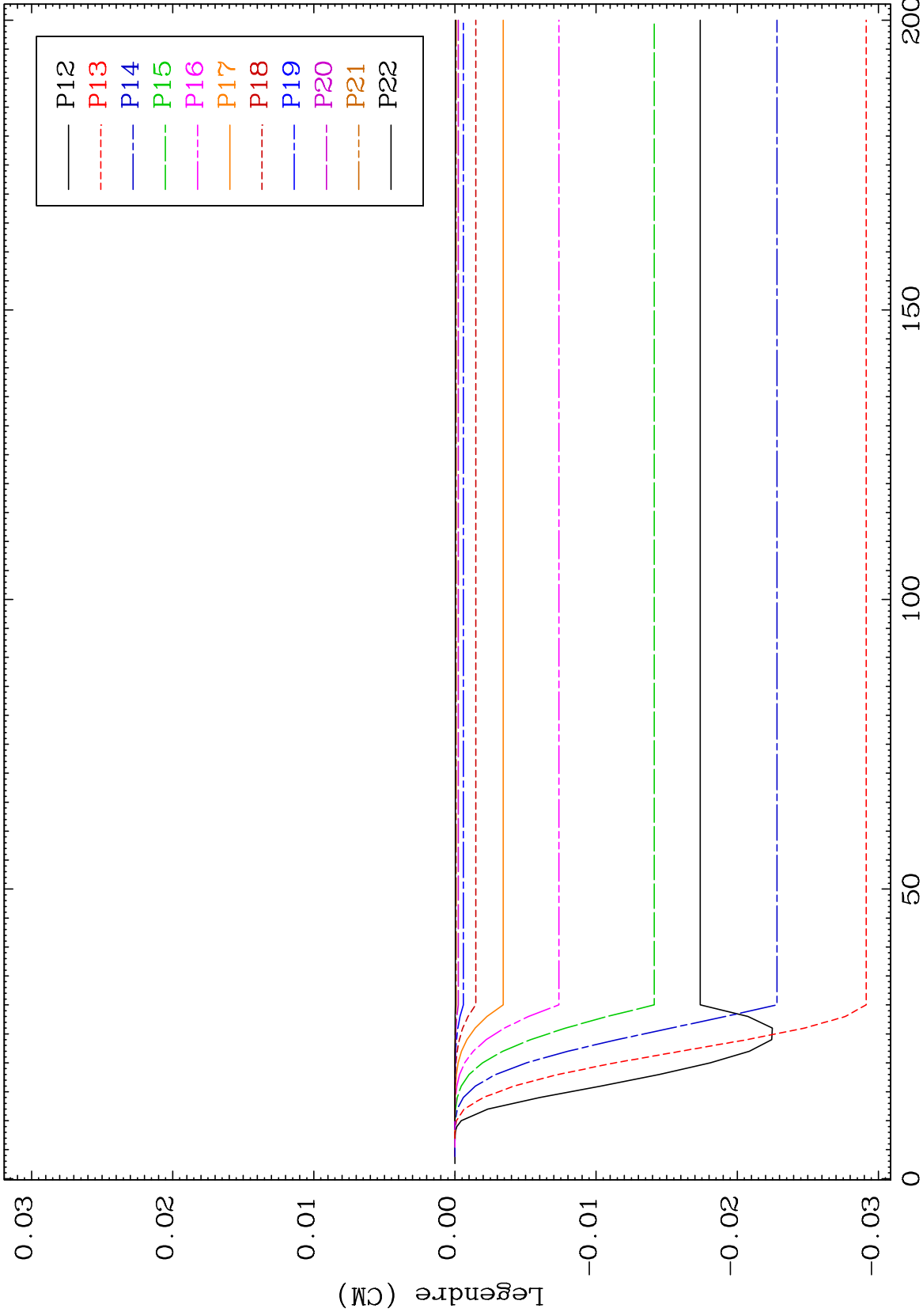
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



27

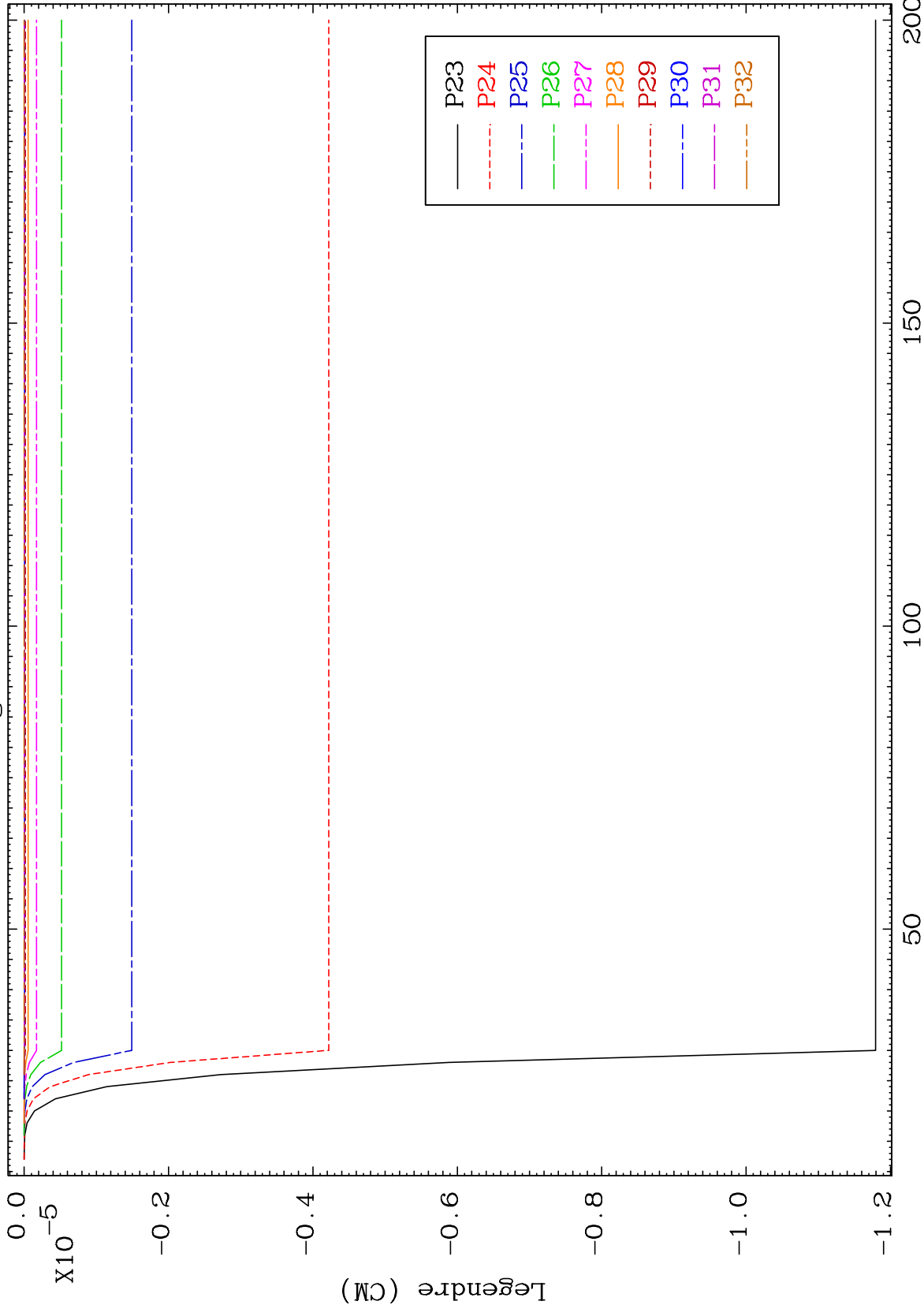
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



28

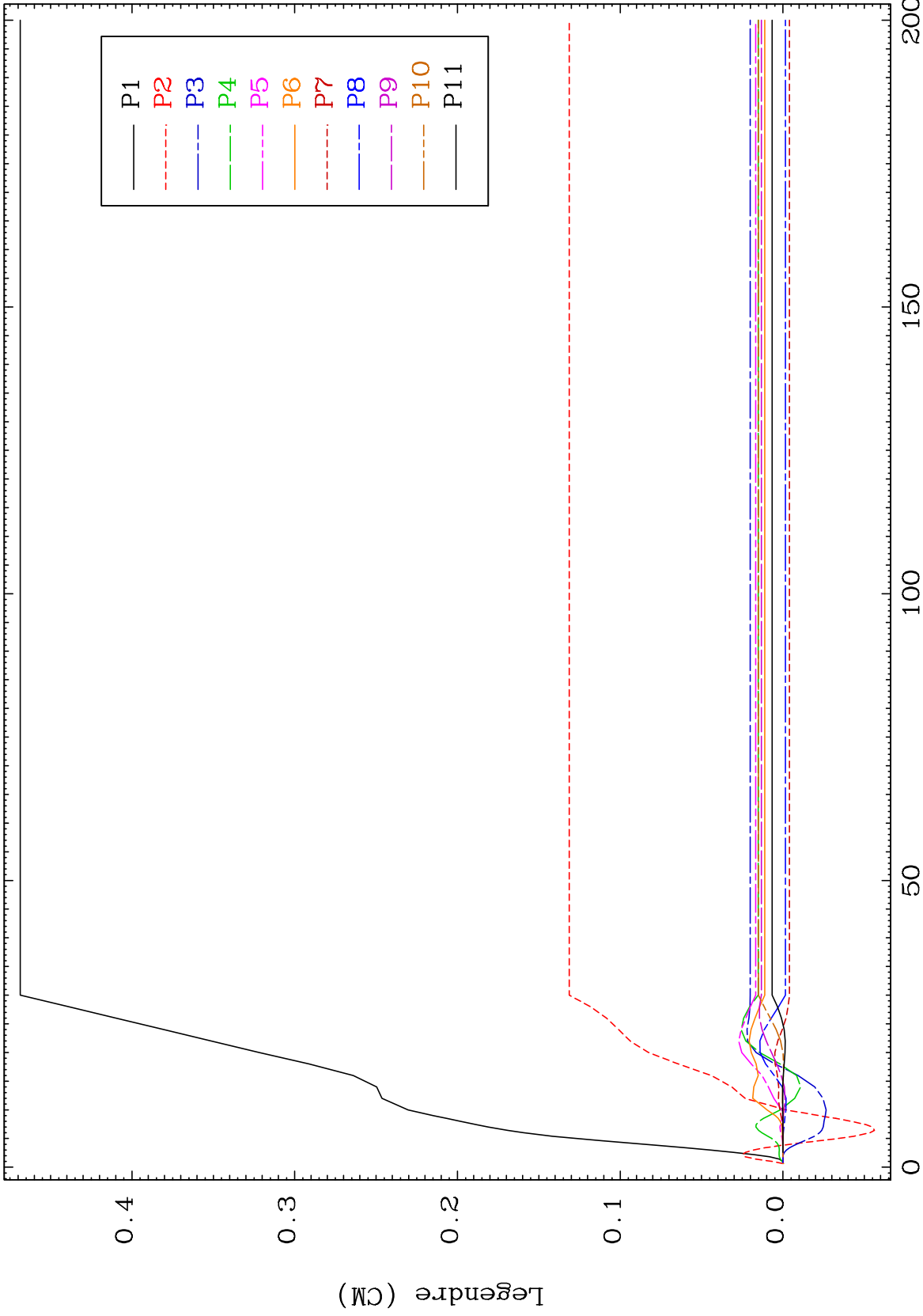
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



29

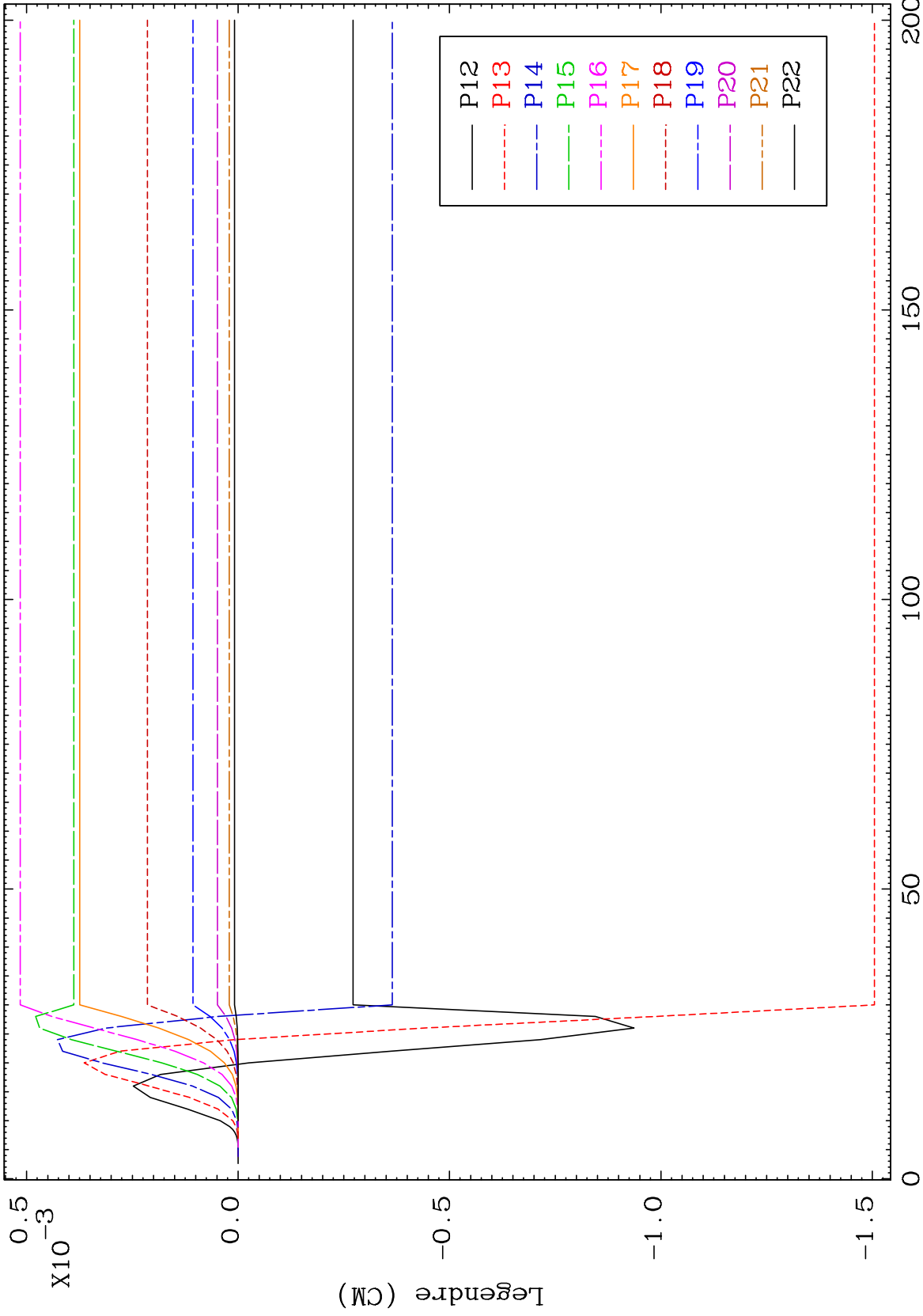
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



30

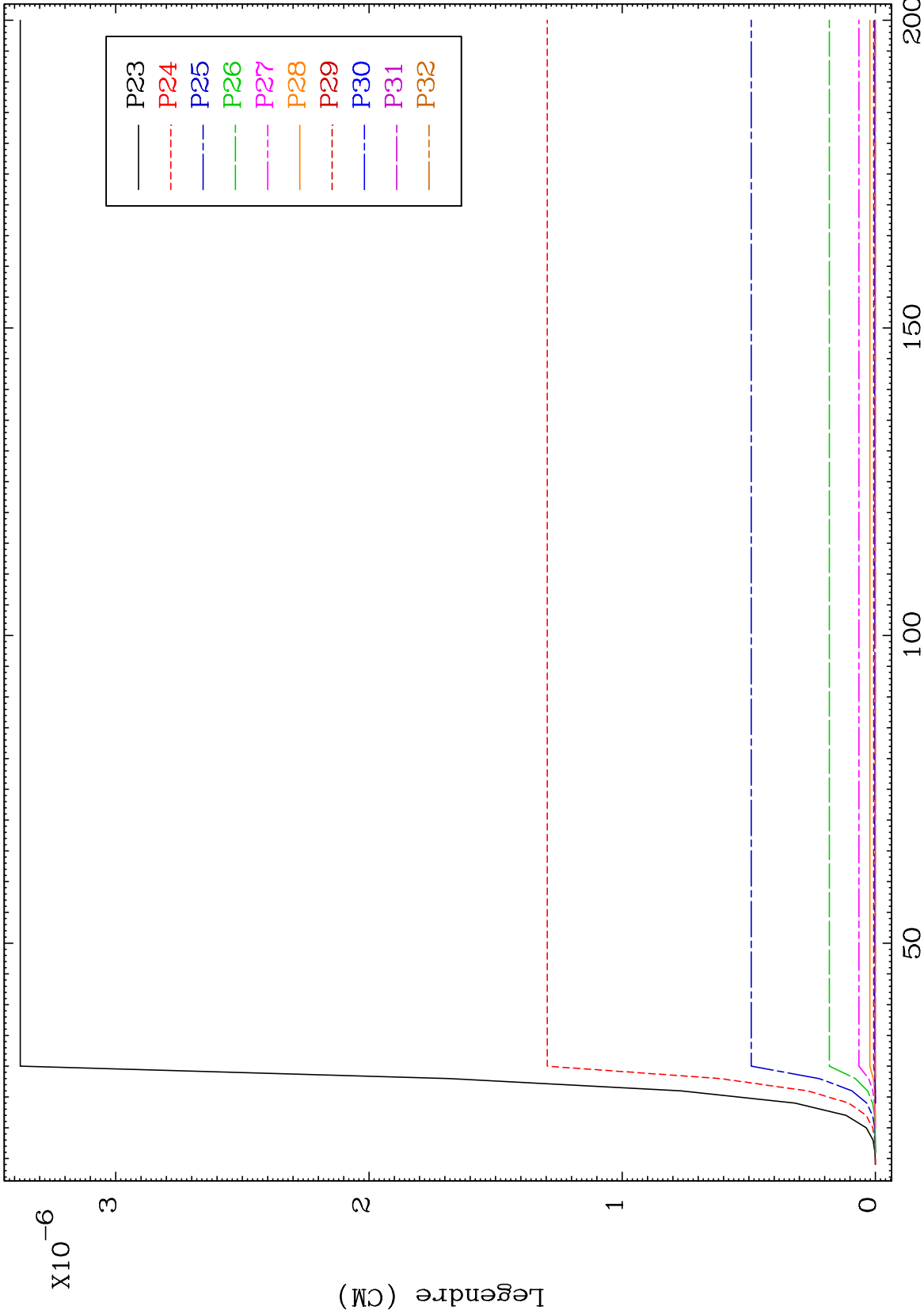
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



31

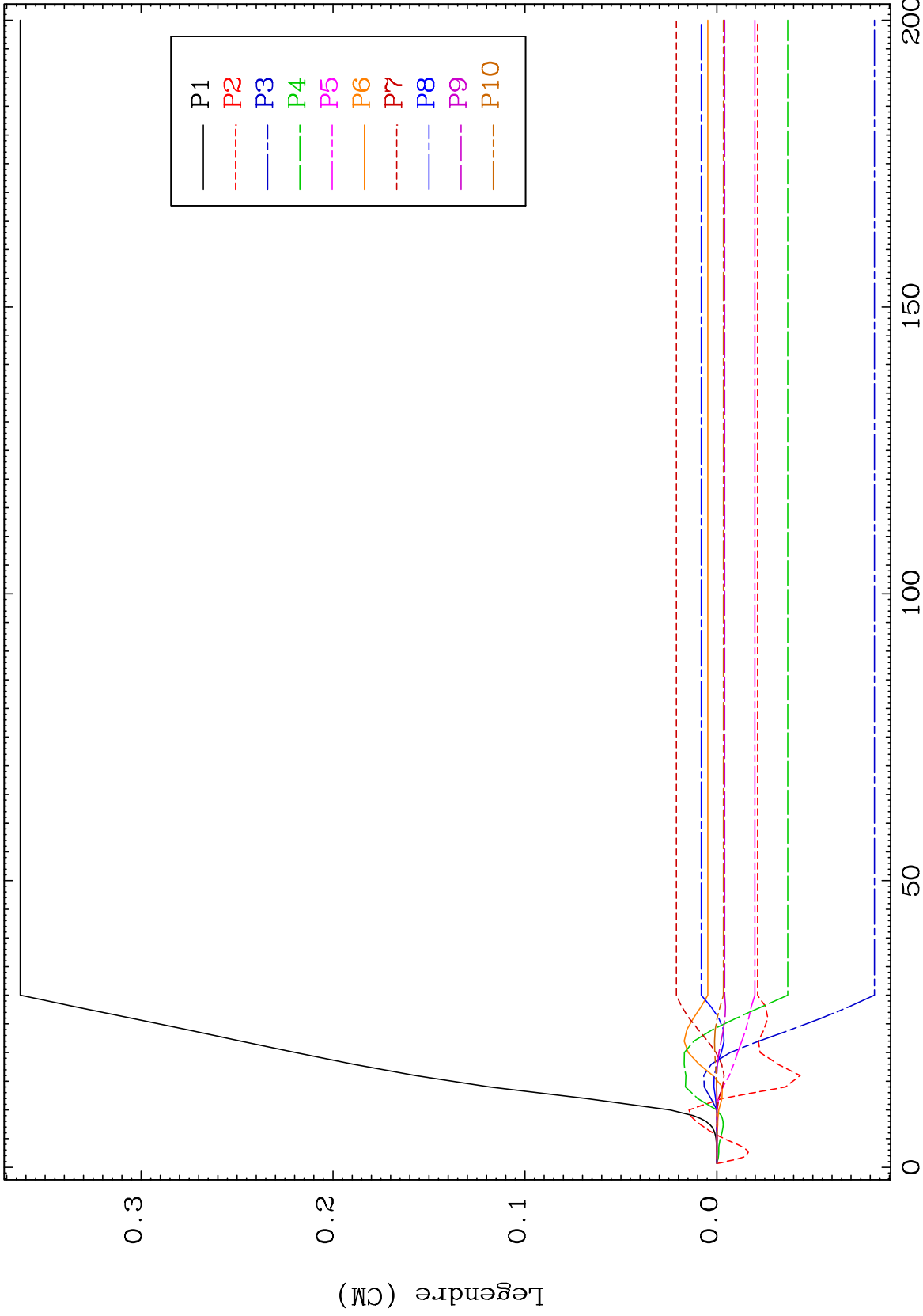
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

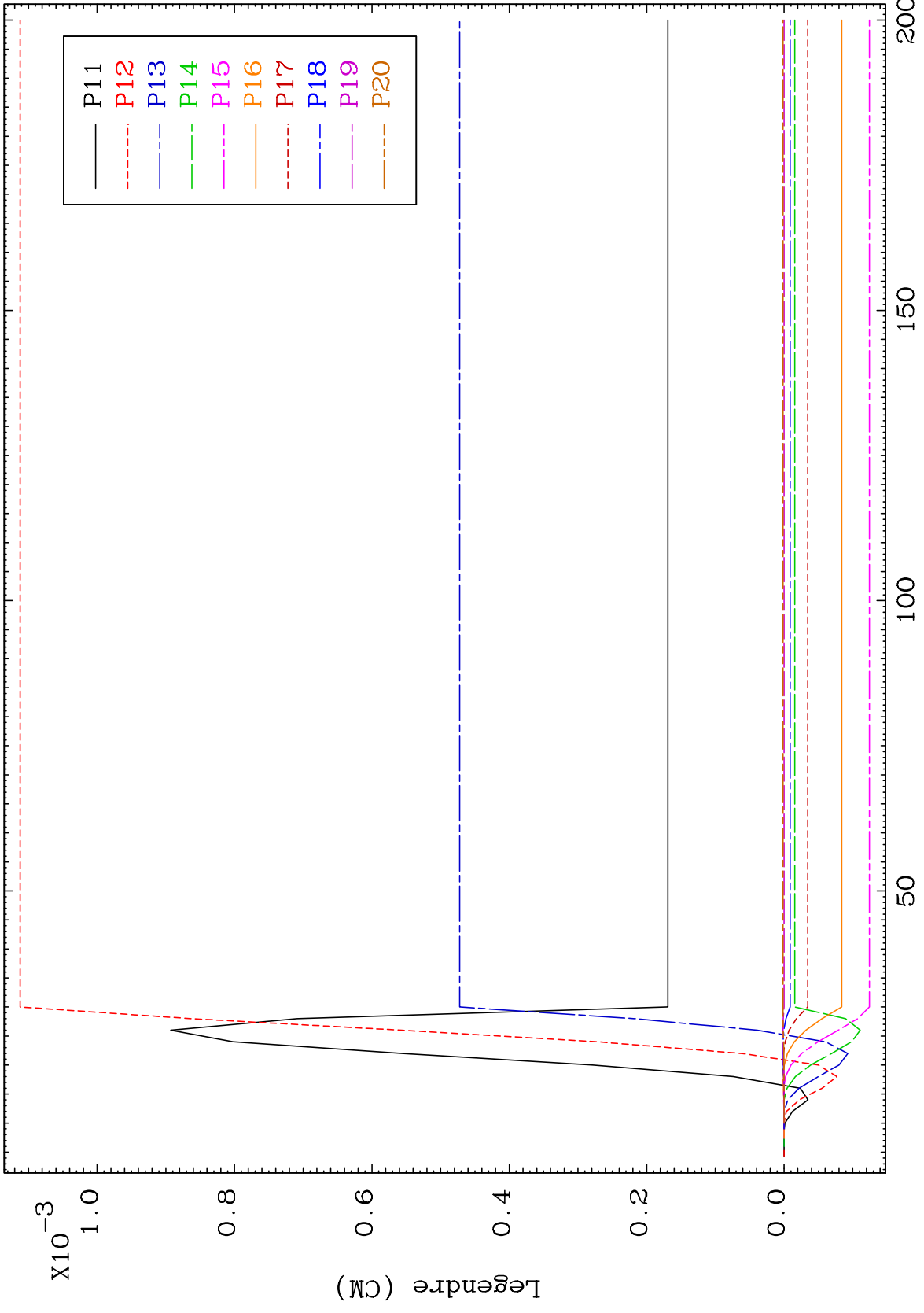


32

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 56 (n,n') Level Legendre Coefficients 23-V -48

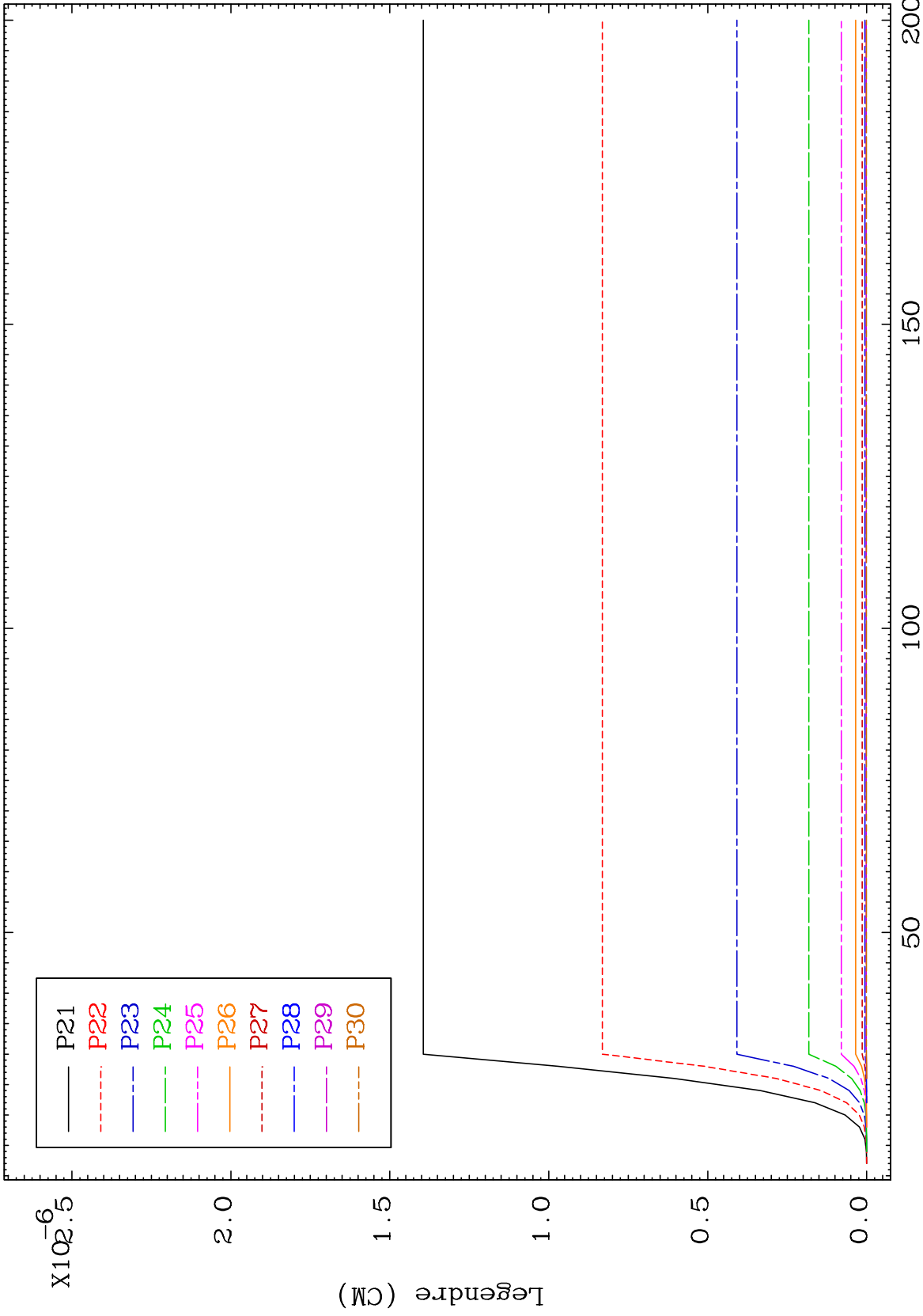


33 23-V -48

MAT 2319

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

23-V -48



34

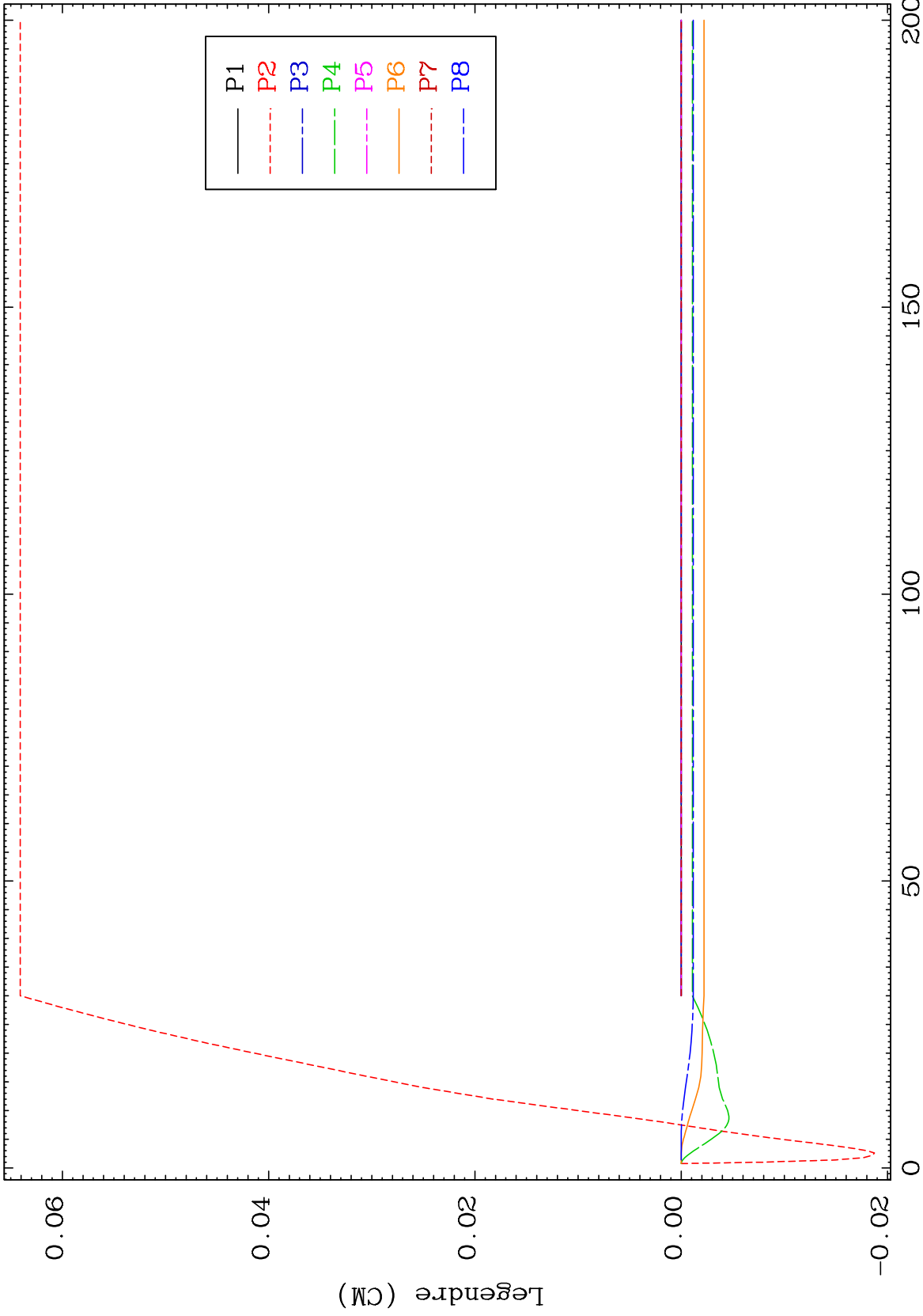
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

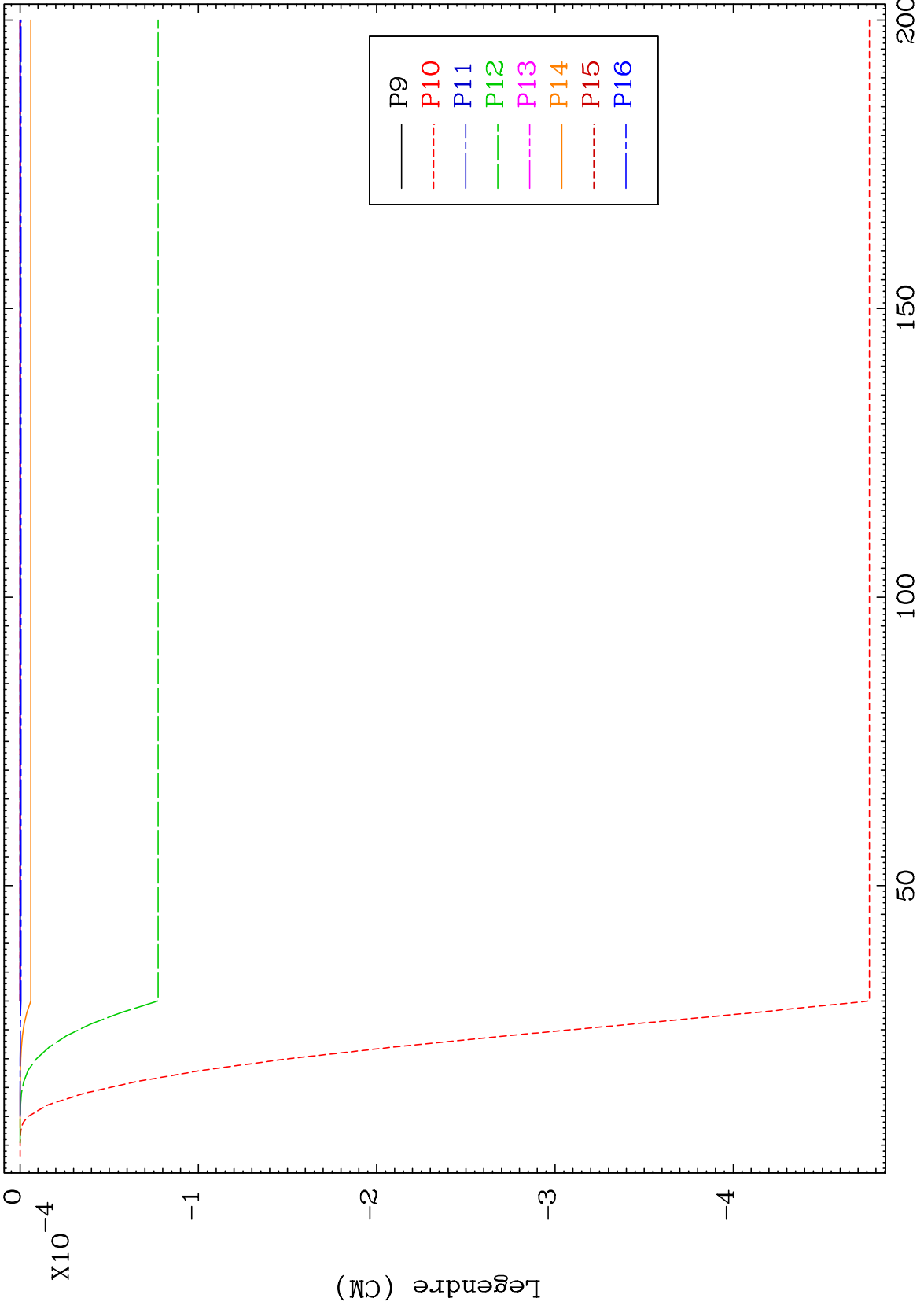


35

Incident Energy (MeV)

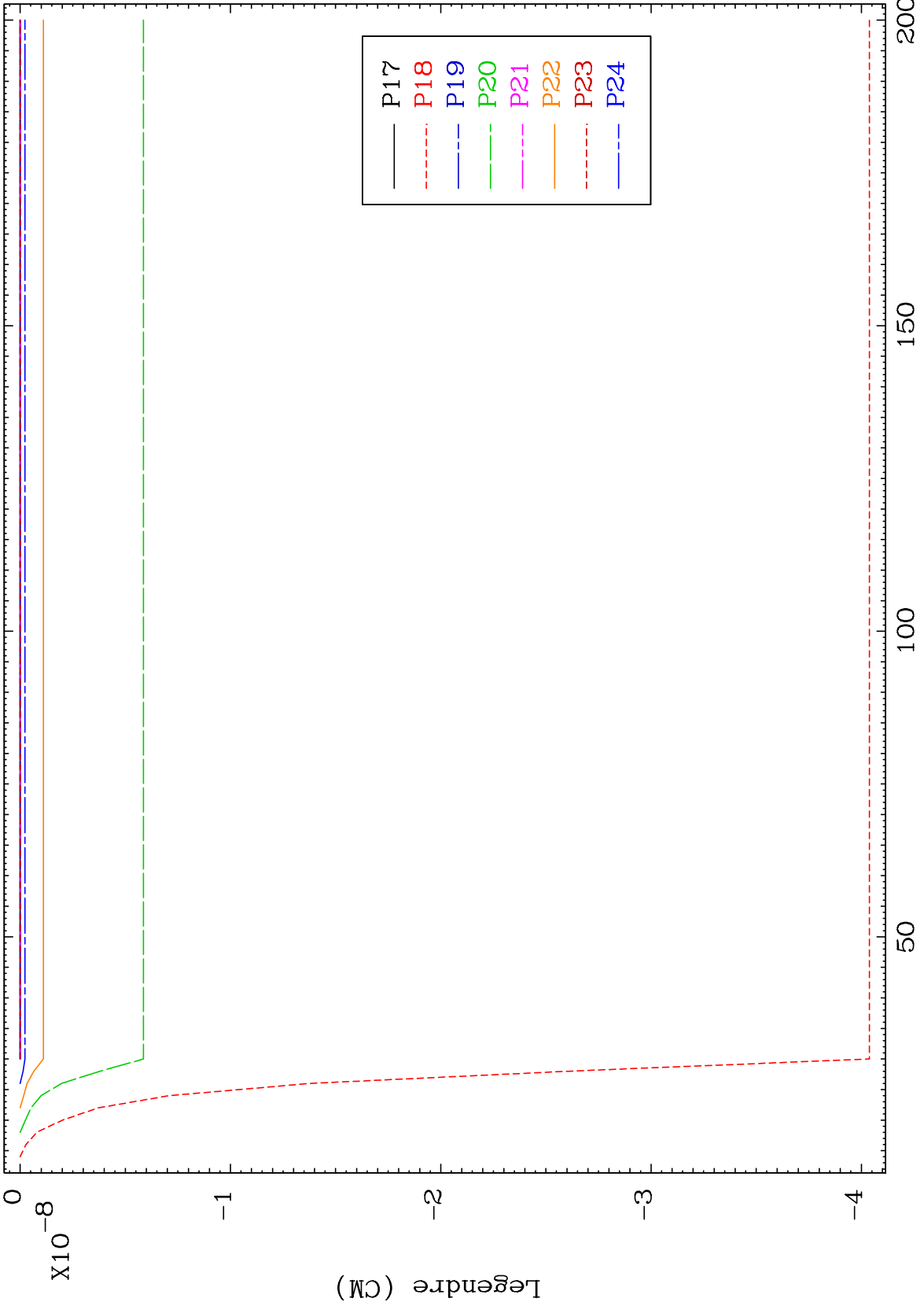
23-V -48

MAT 2319 MT= 57 (n,n') Level Legendre Coefficients 23-V -48



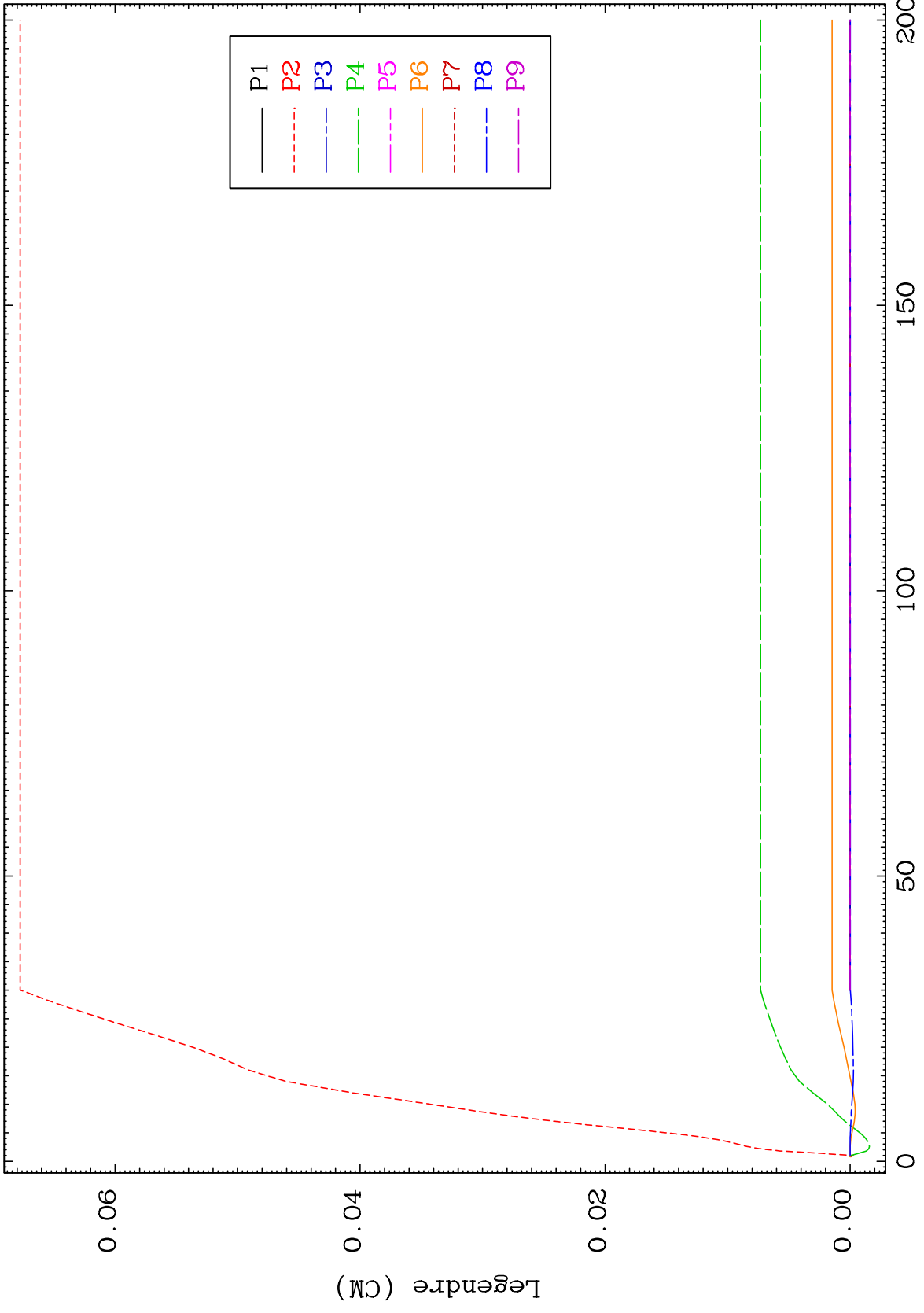
36 Incident Energy (MeV) 23-V -48

MAT 2319 MT= 57 (n,n') Level Legendre Coefficients 23-V -48



37 50 100 150 200 23-V -48

MAT 2319 MT= 58 (n,n') Level Legendre Coefficients 23-V -48

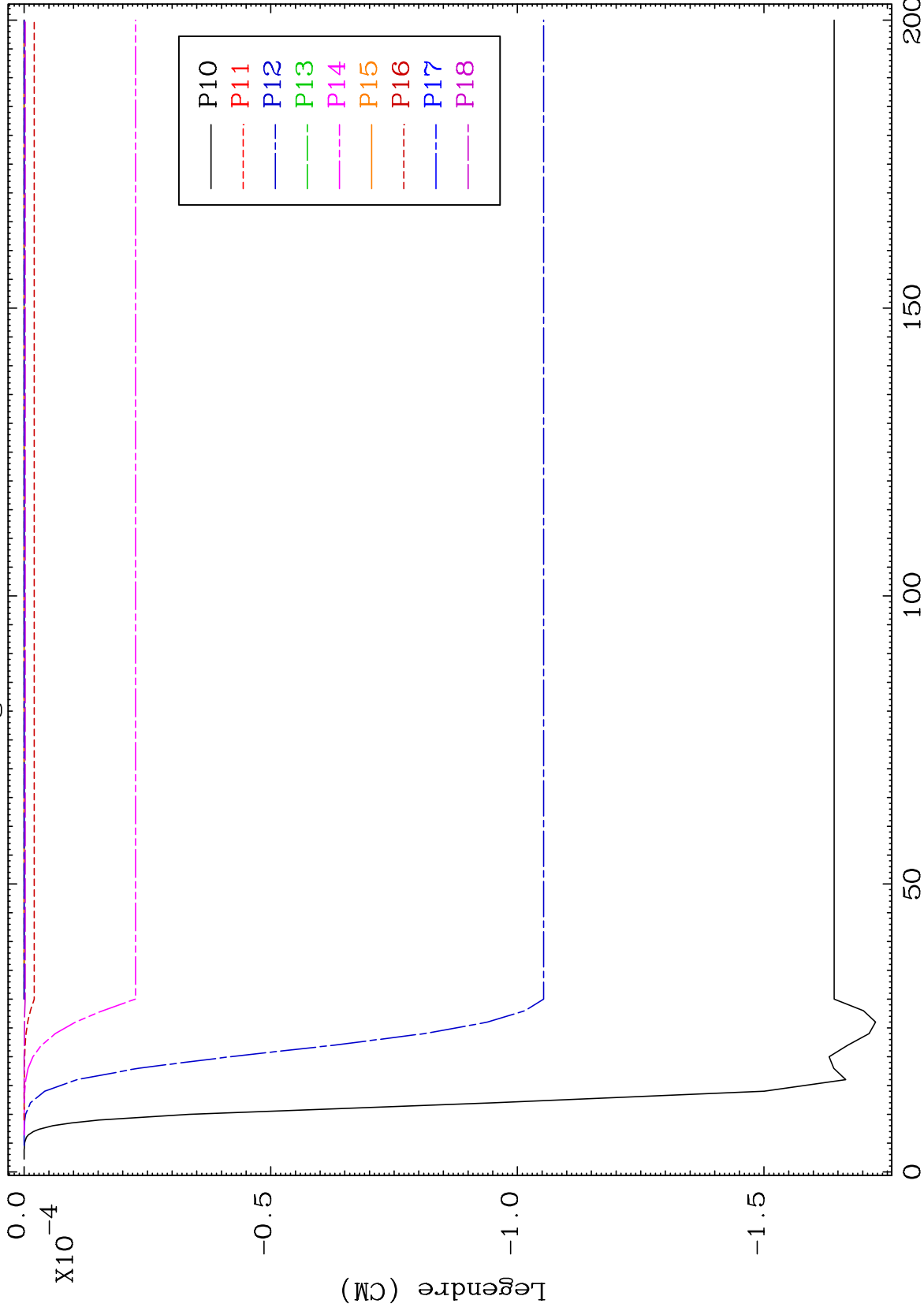


38 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48

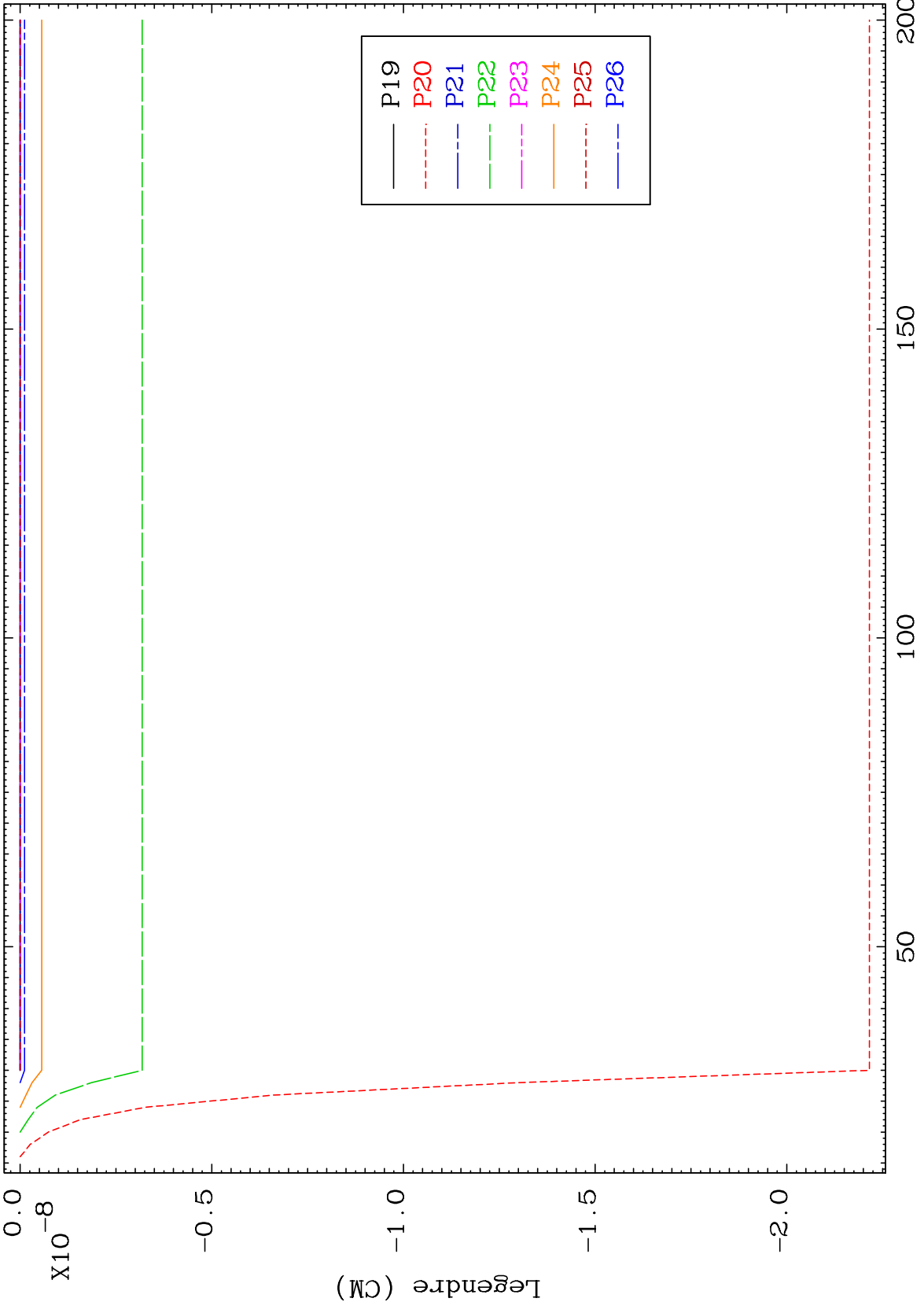


39

Incident Energy (MeV)

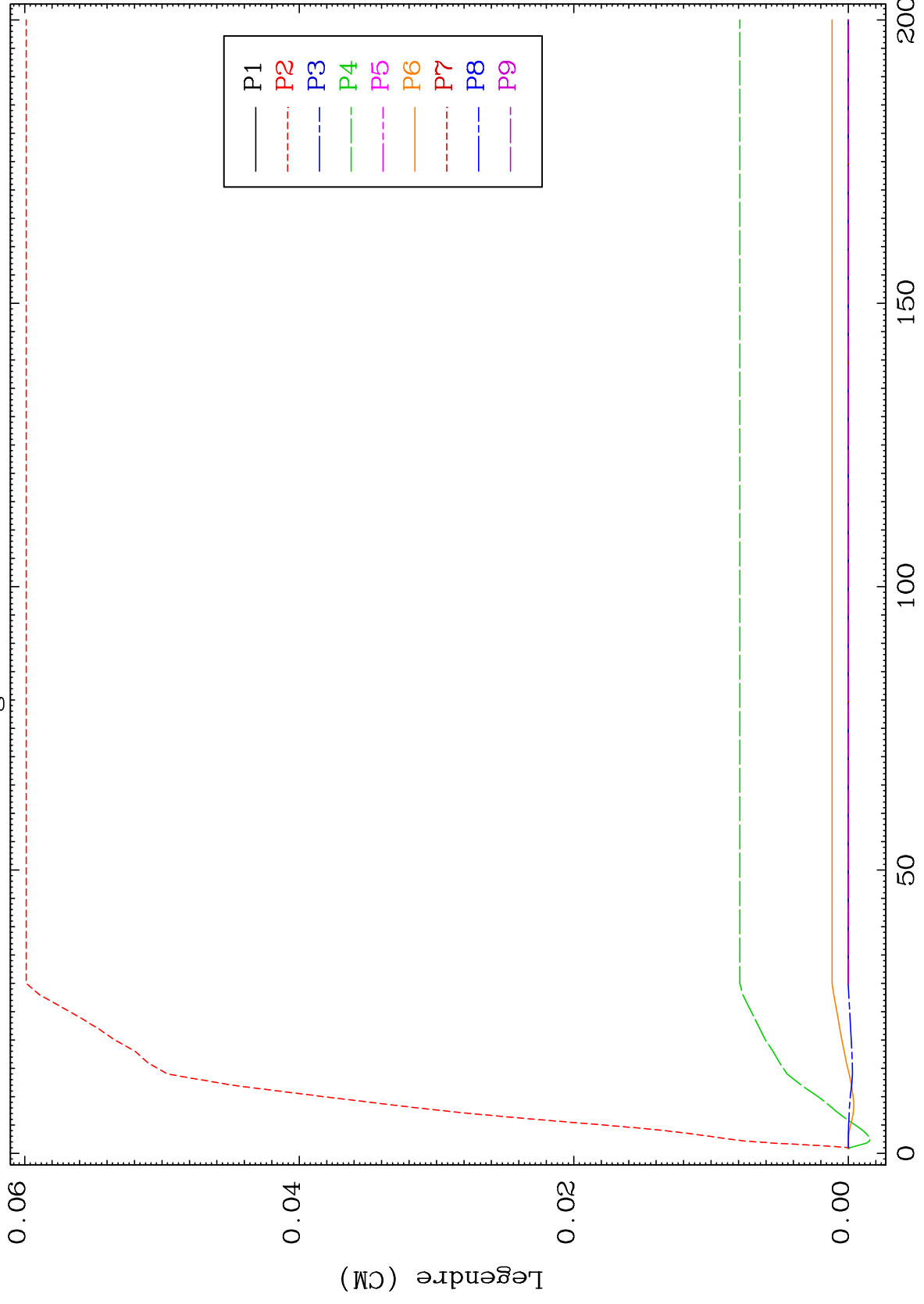
23-V -48

MAT 2319 MT= 58 (n,n') Level Legendre Coefficients 23-V -48



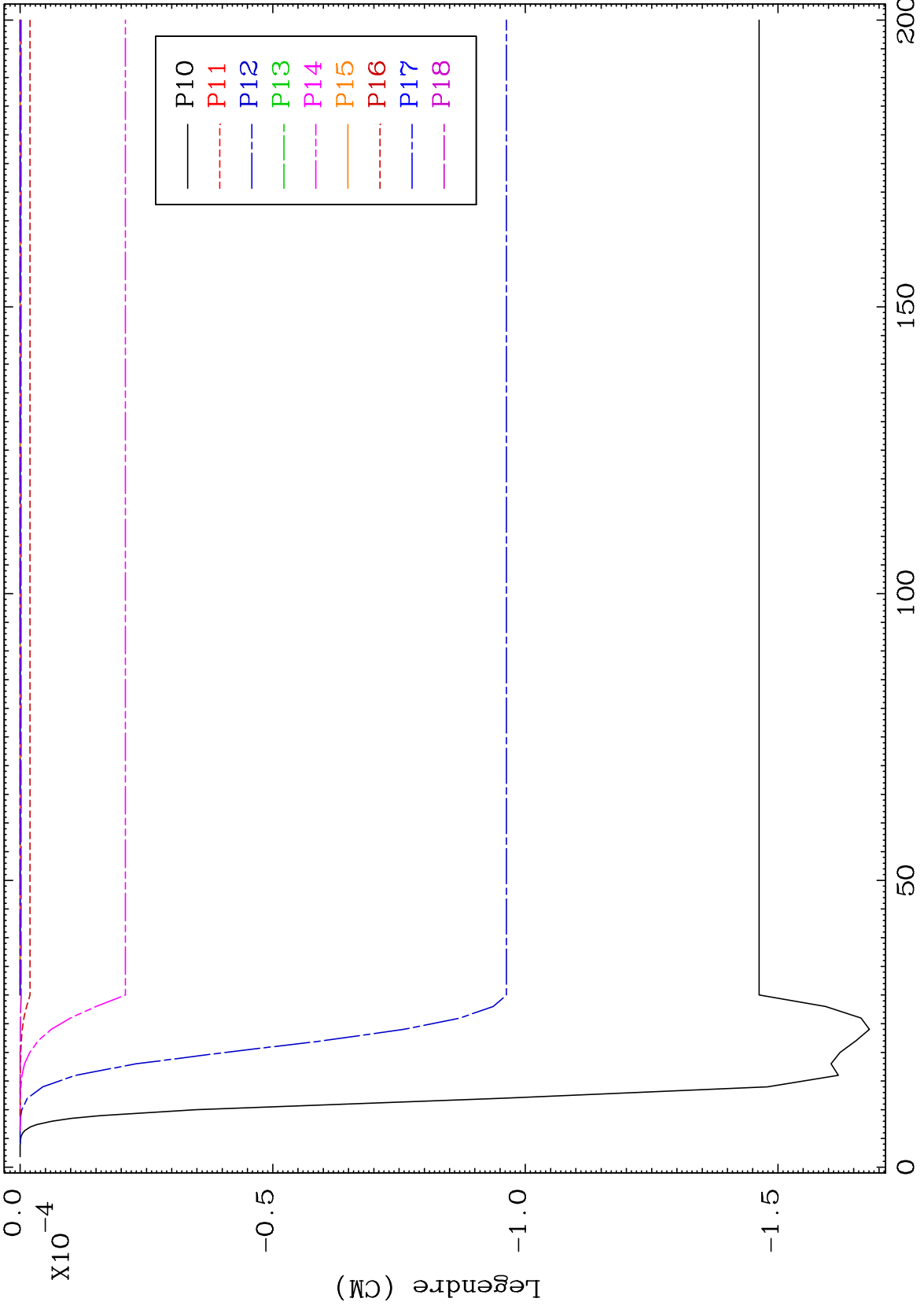
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MAT 2319 MT= 59 (n,n') Level Legendre Coefficients 23-V -48



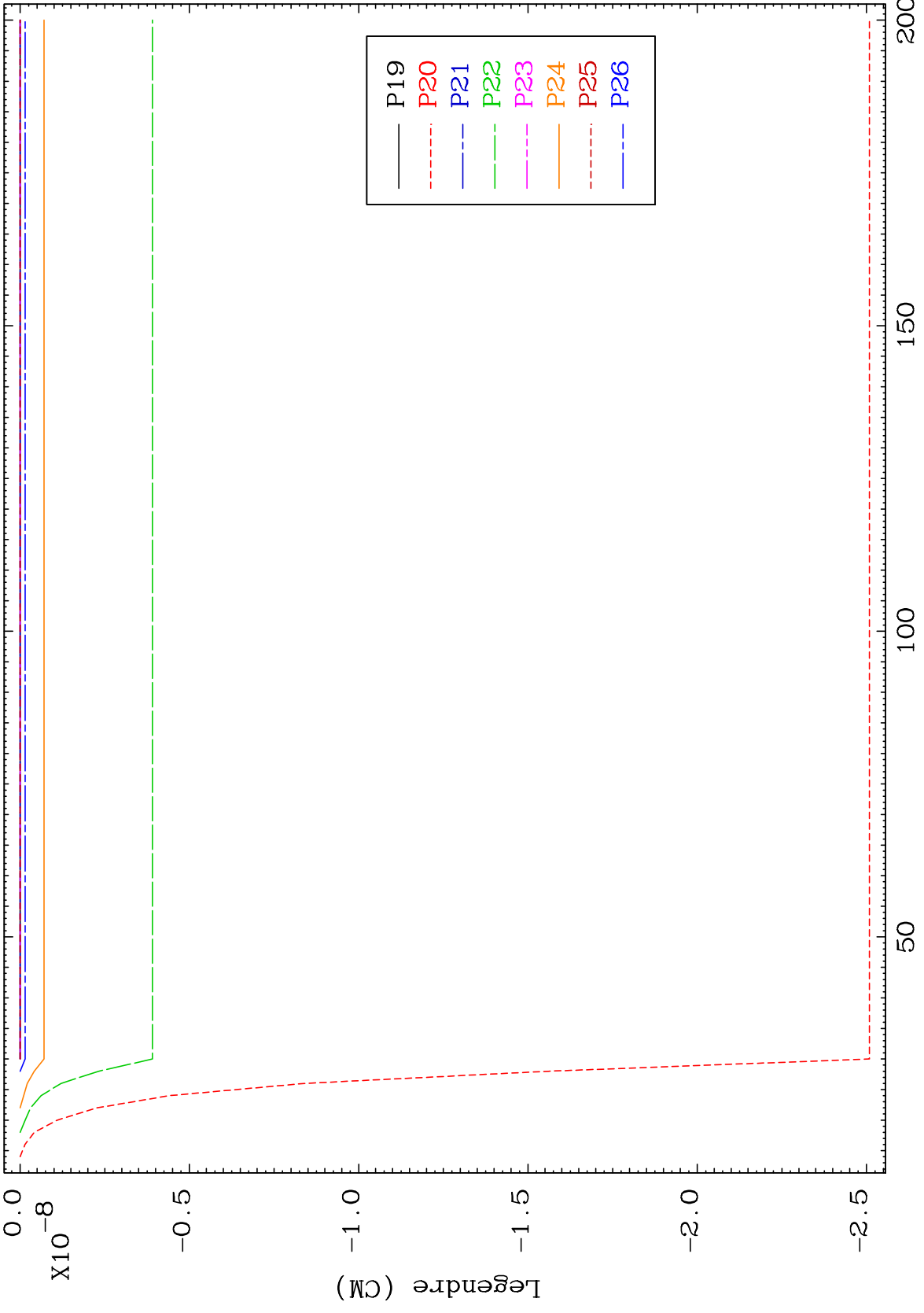
41 23-V -48

MAT 2319 MT= 59 (n,n') Level Legendre Coefficients 23-V -48



42 23-V -48

MAT 2319 MT= 59 (n,n') Level Legendre Coefficients 23-V -48

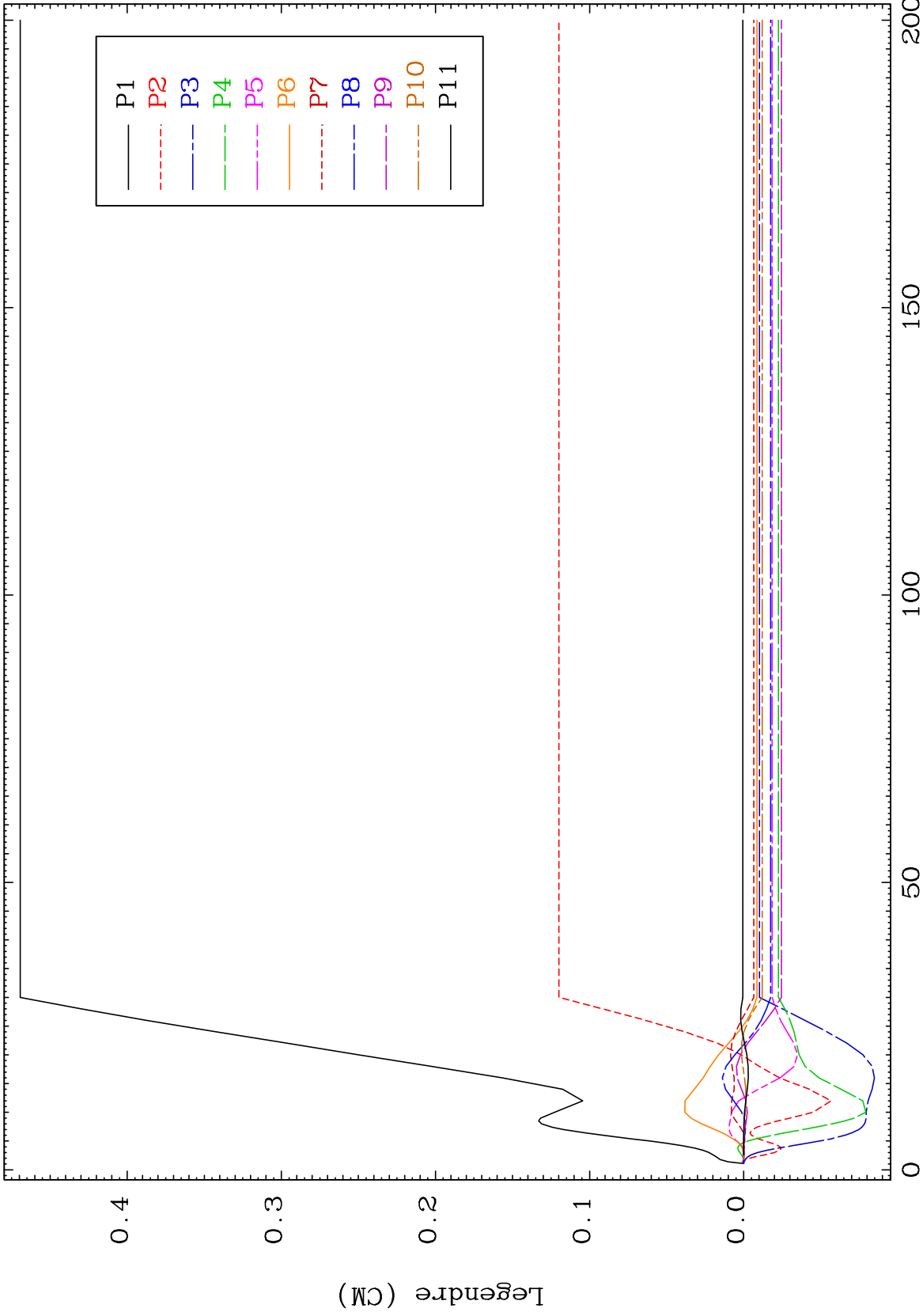


43 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48



44

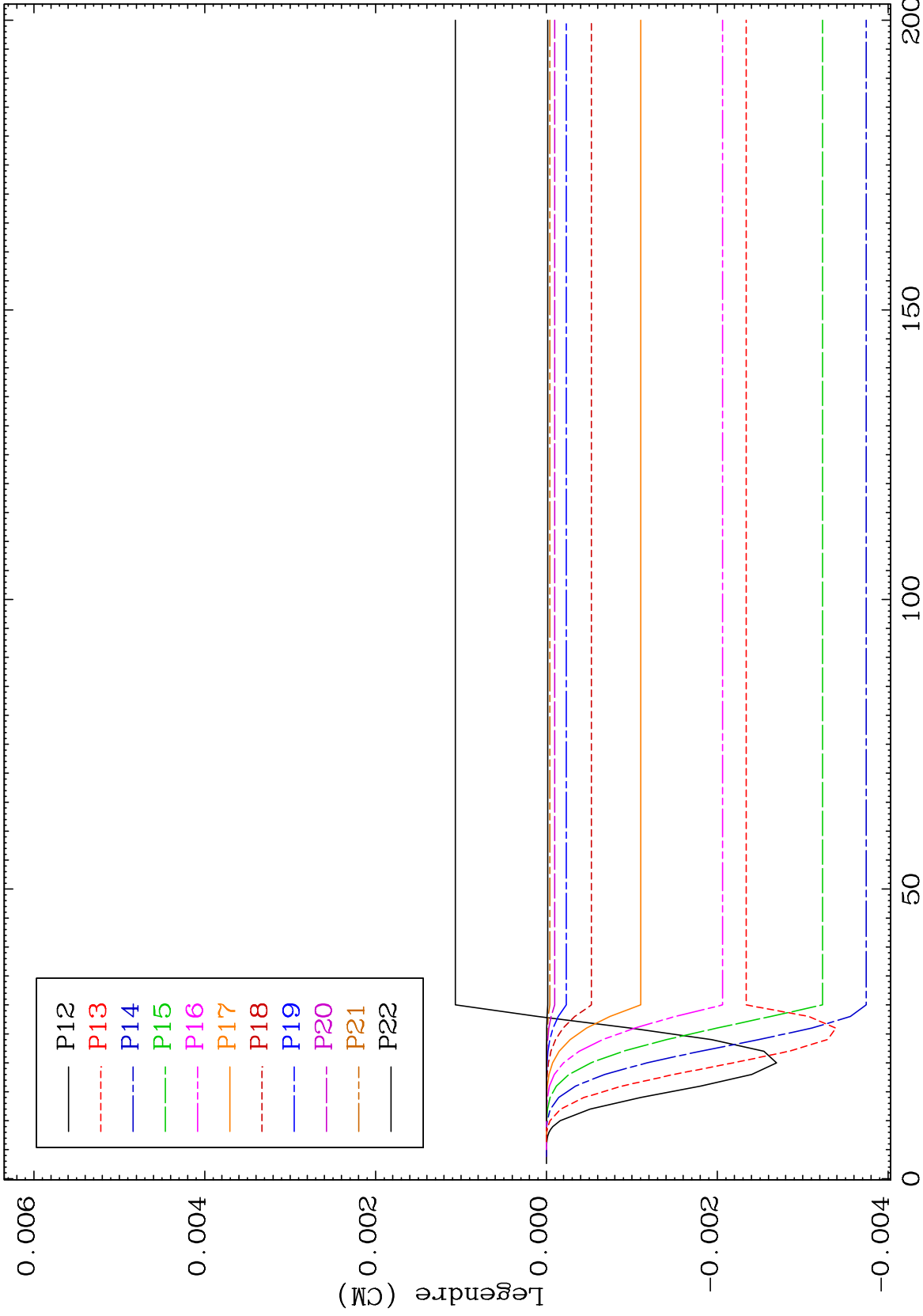
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



45

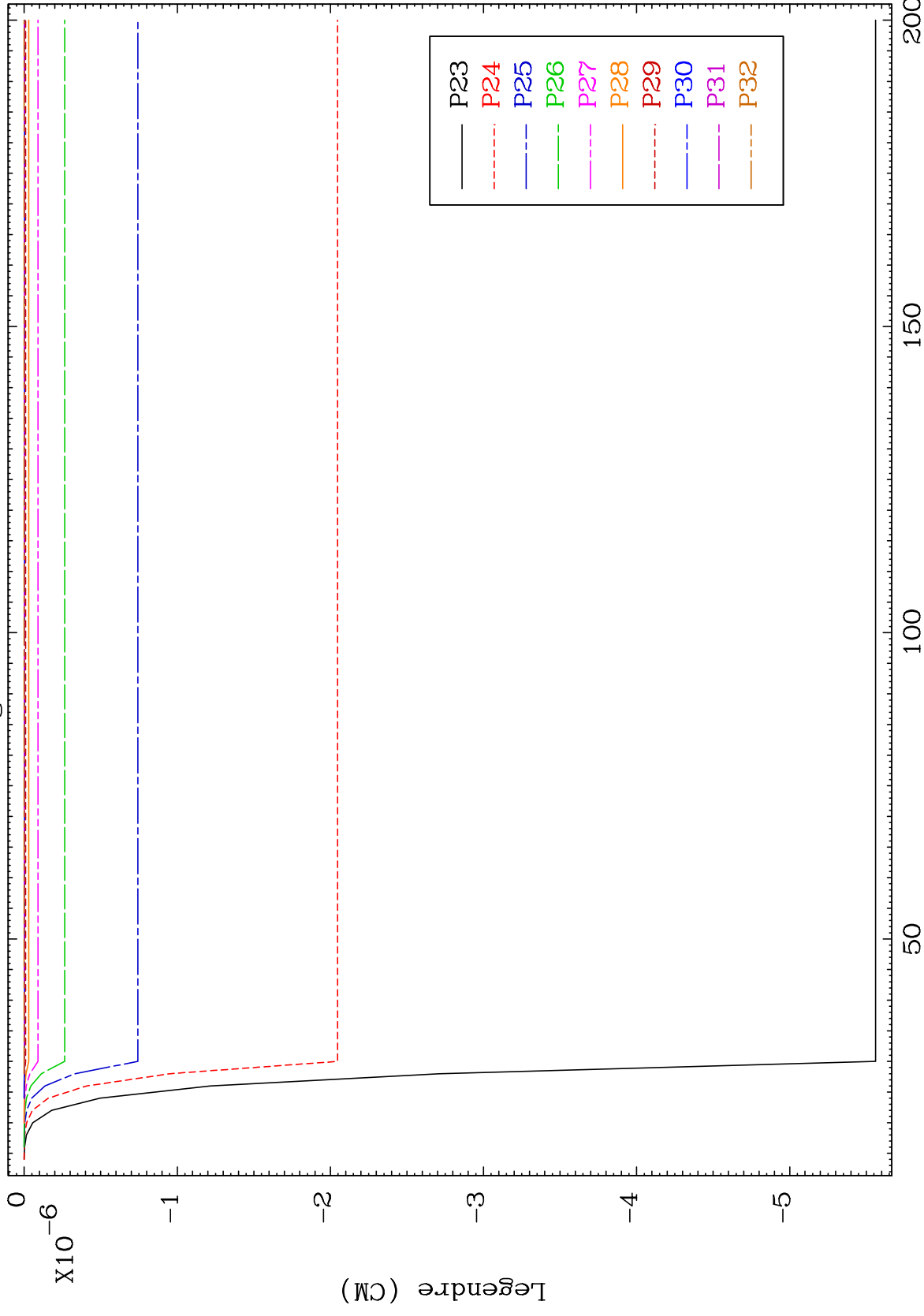
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



23-V -48

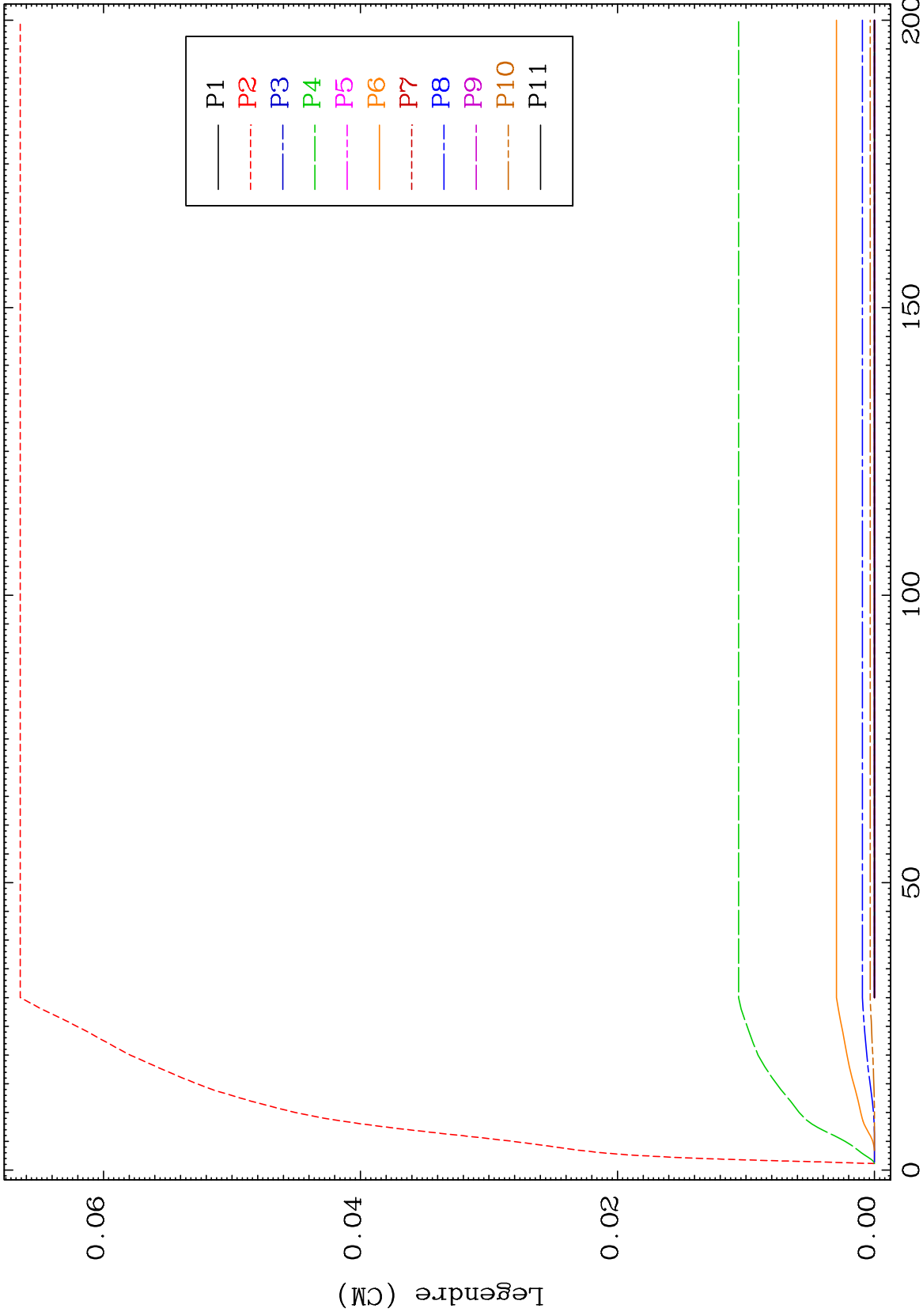
Incident Energy (MeV)

46

MAT 2319

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

23-V -48



47

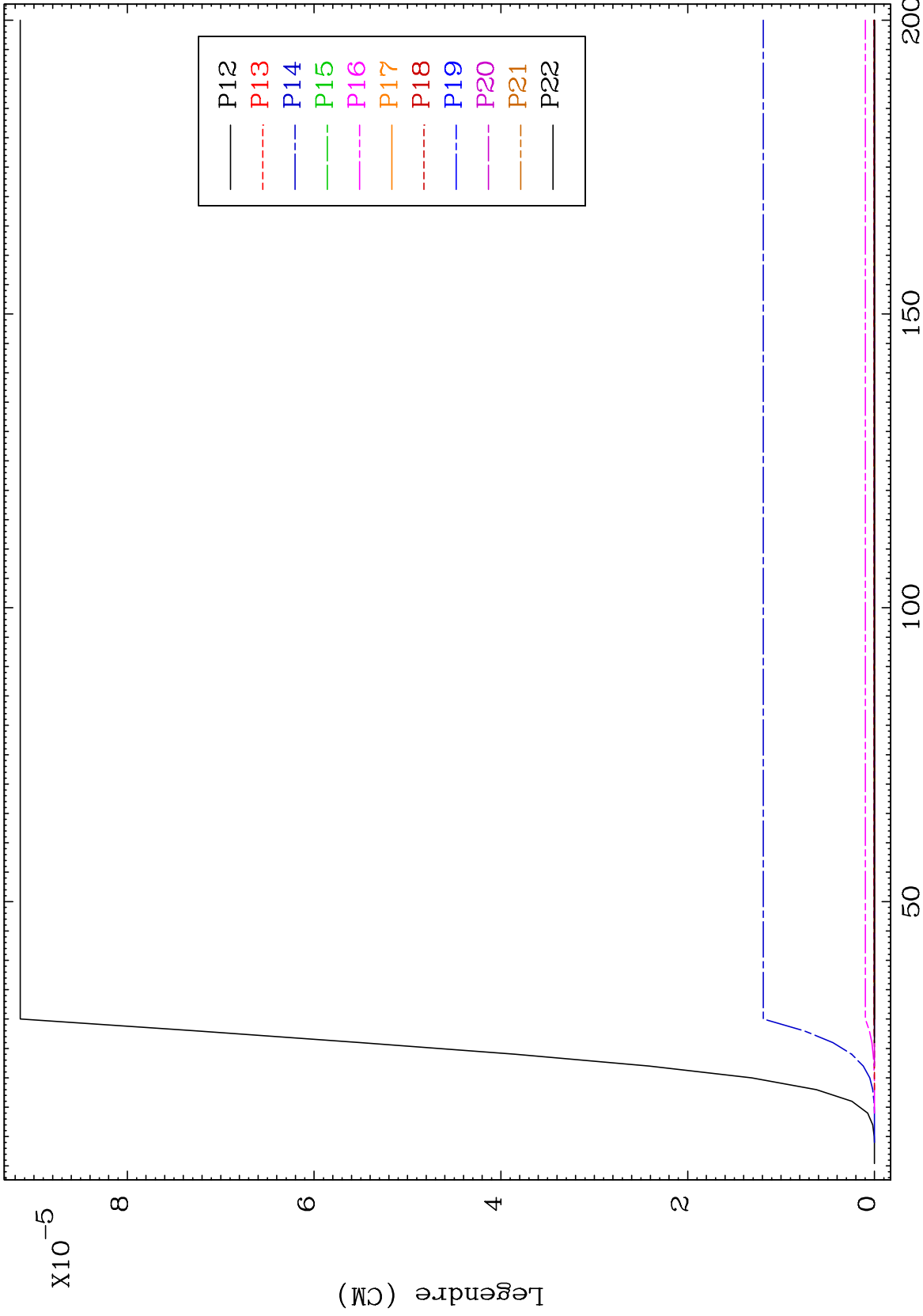
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



48

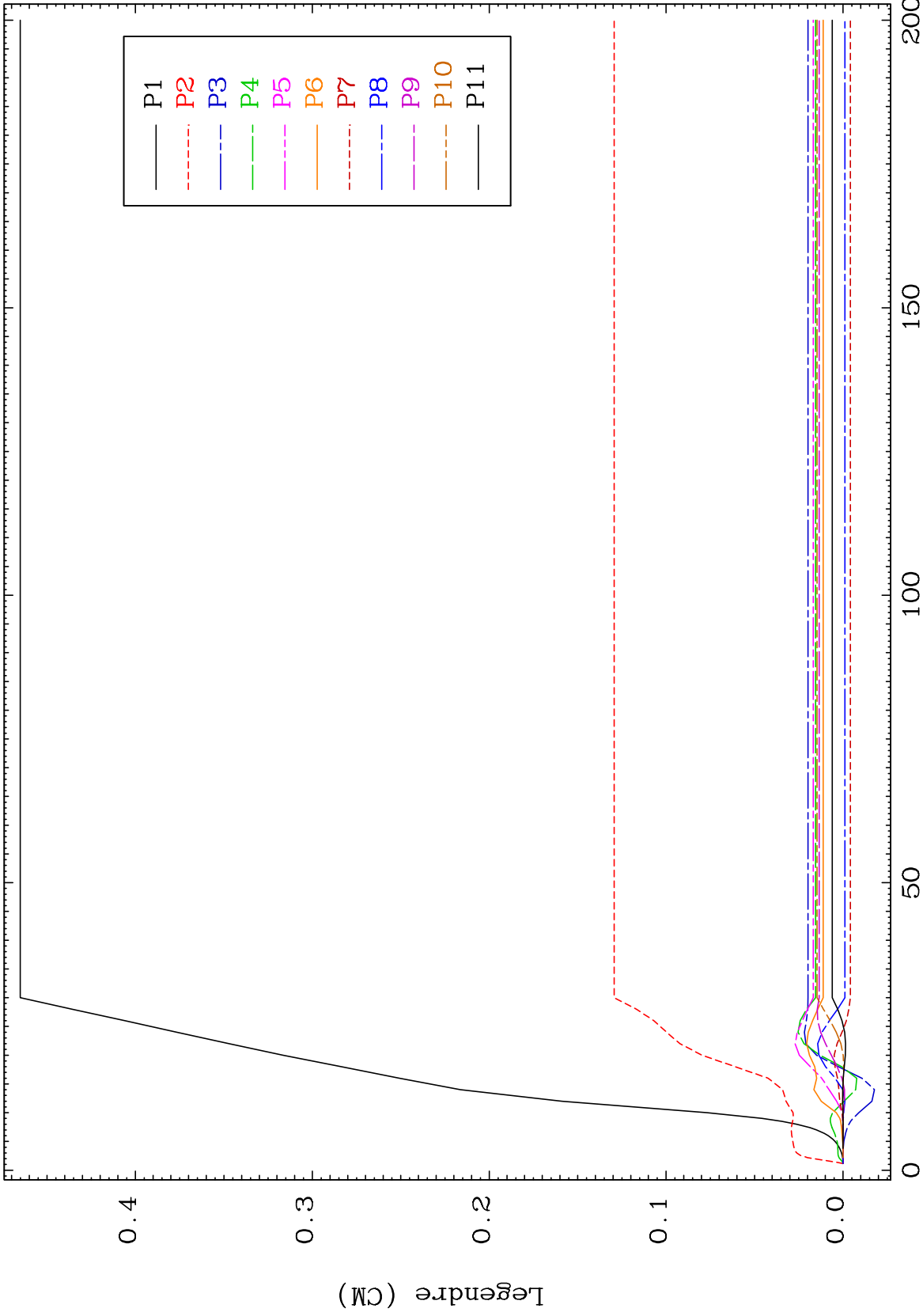
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



49

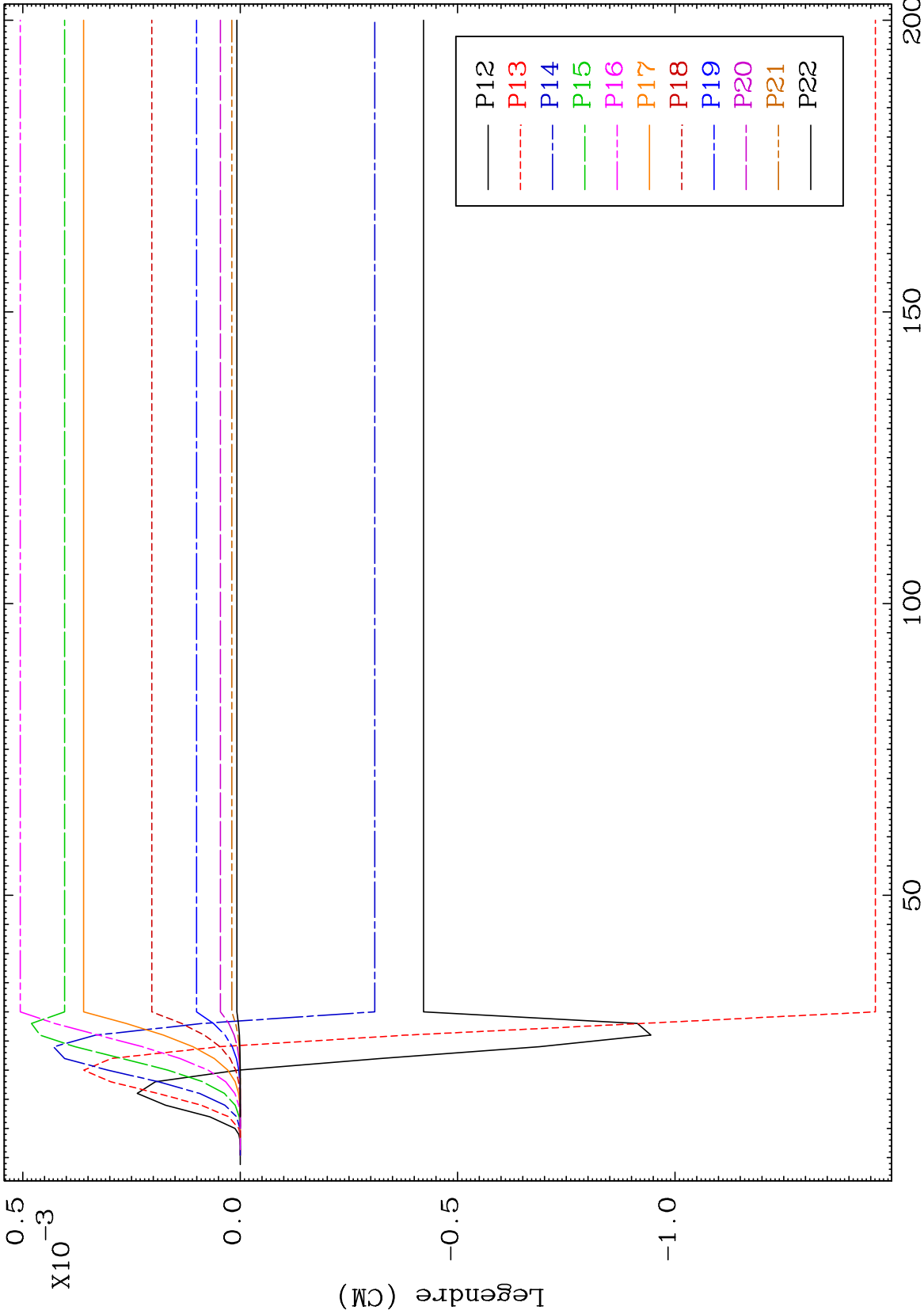
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



50

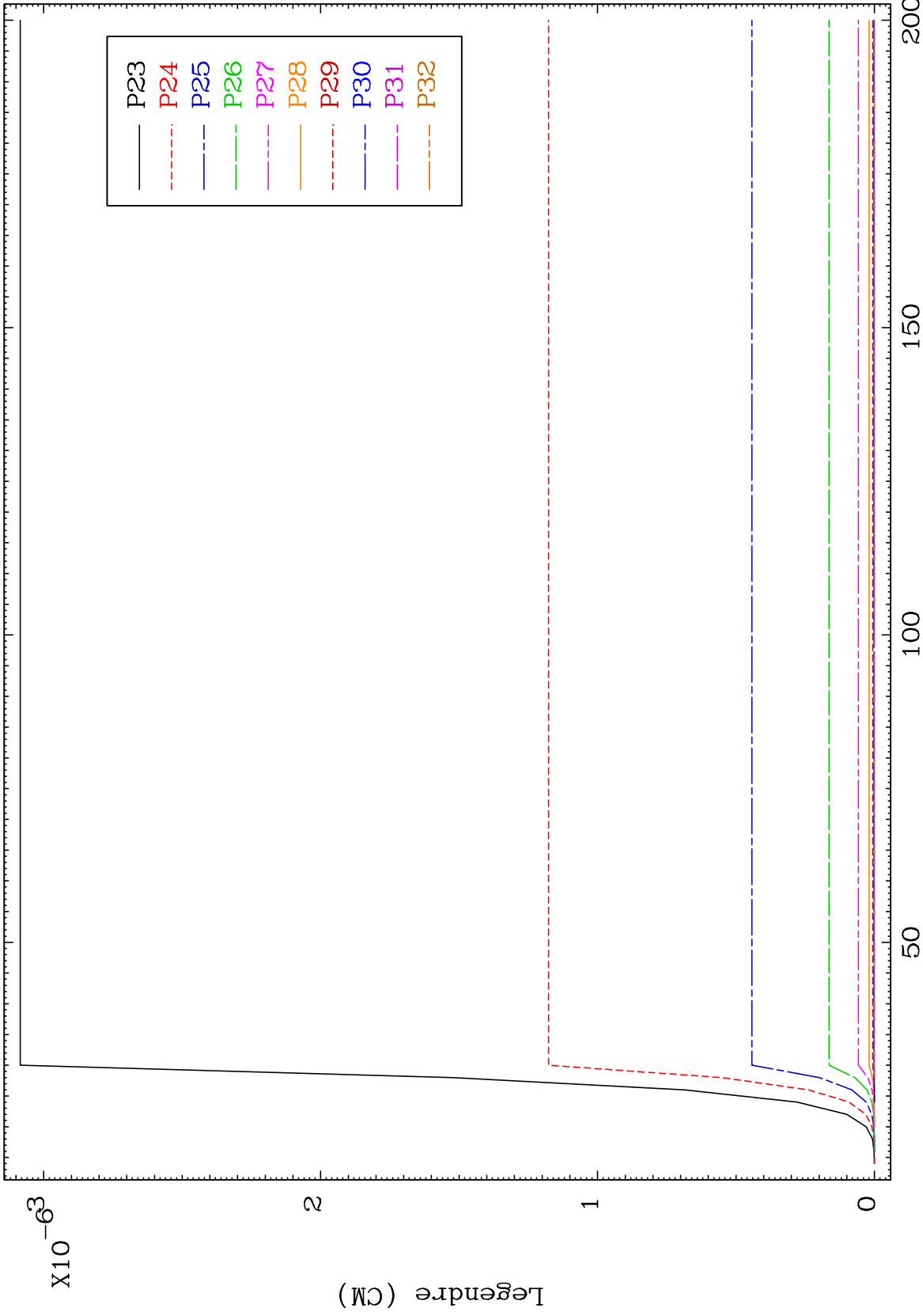
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



51

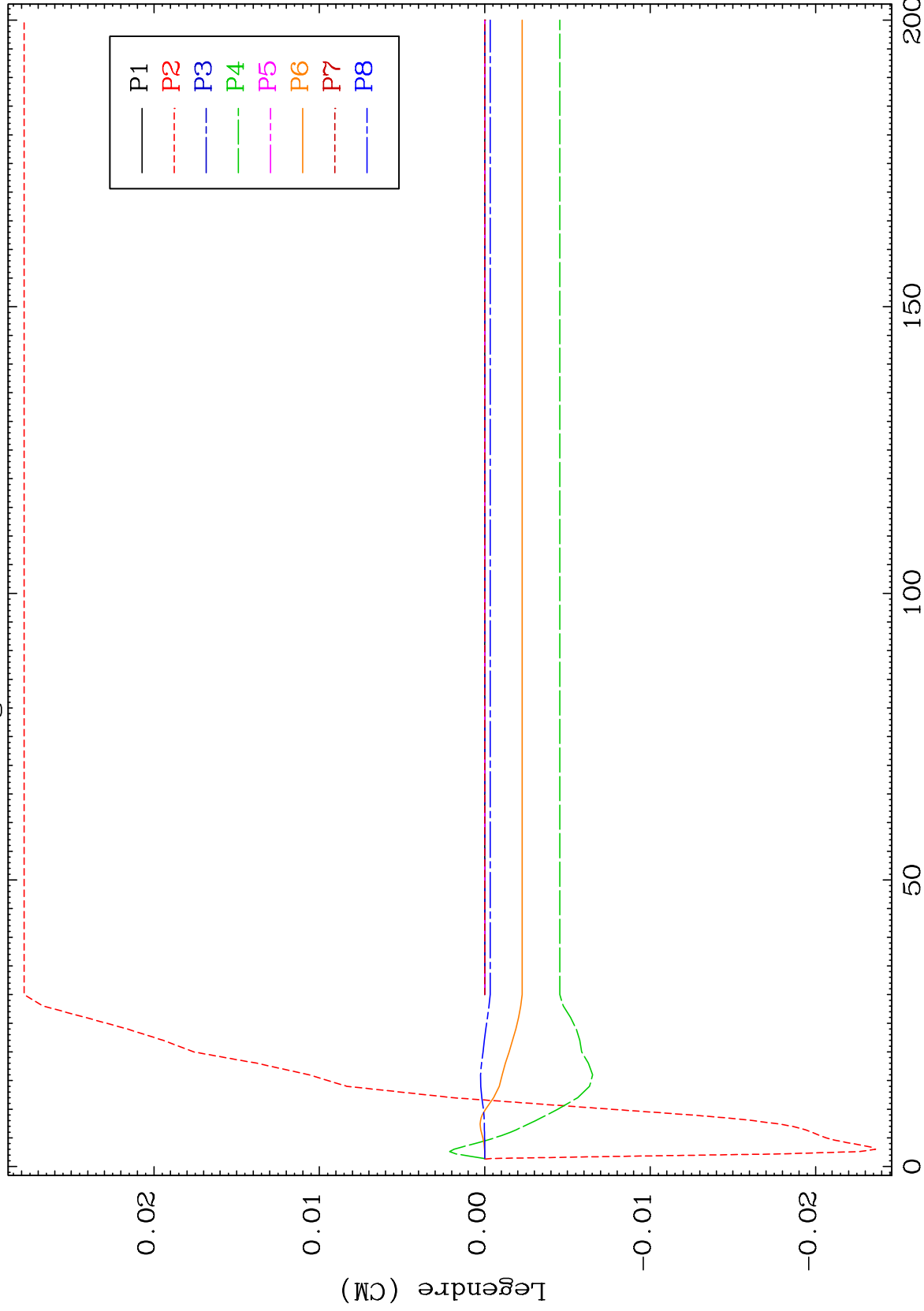
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



52

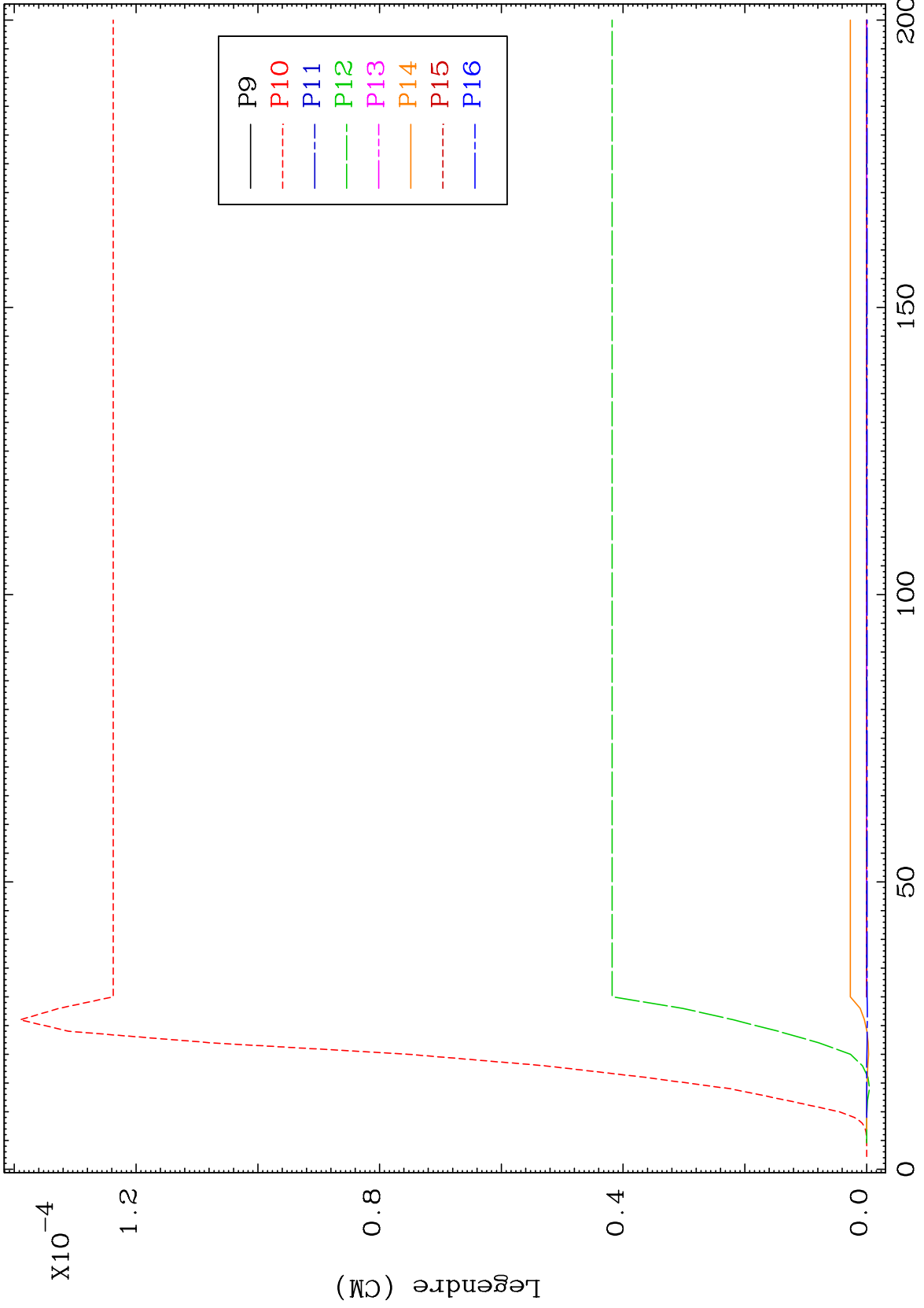
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

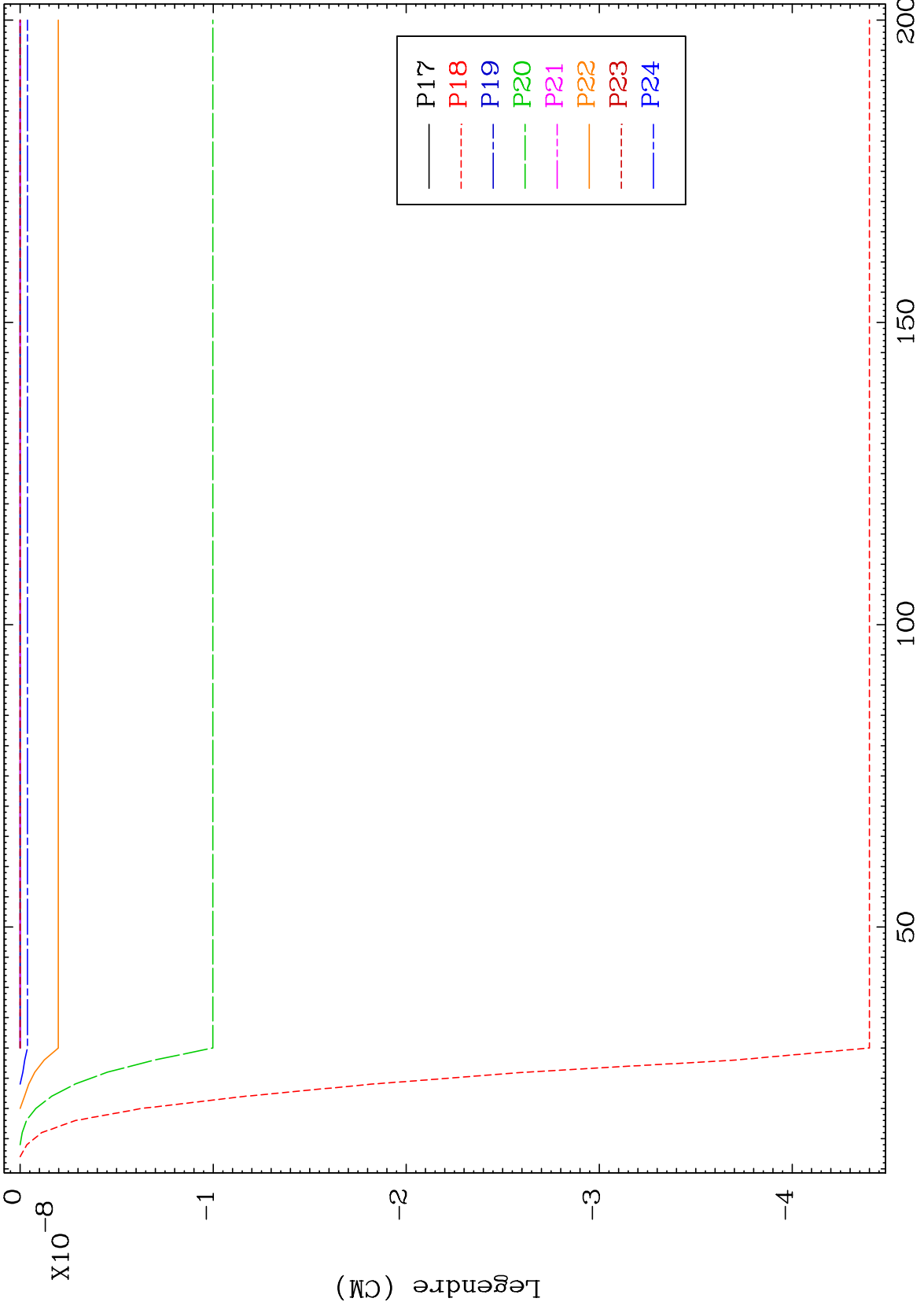


53

Incident Energy (MeV)

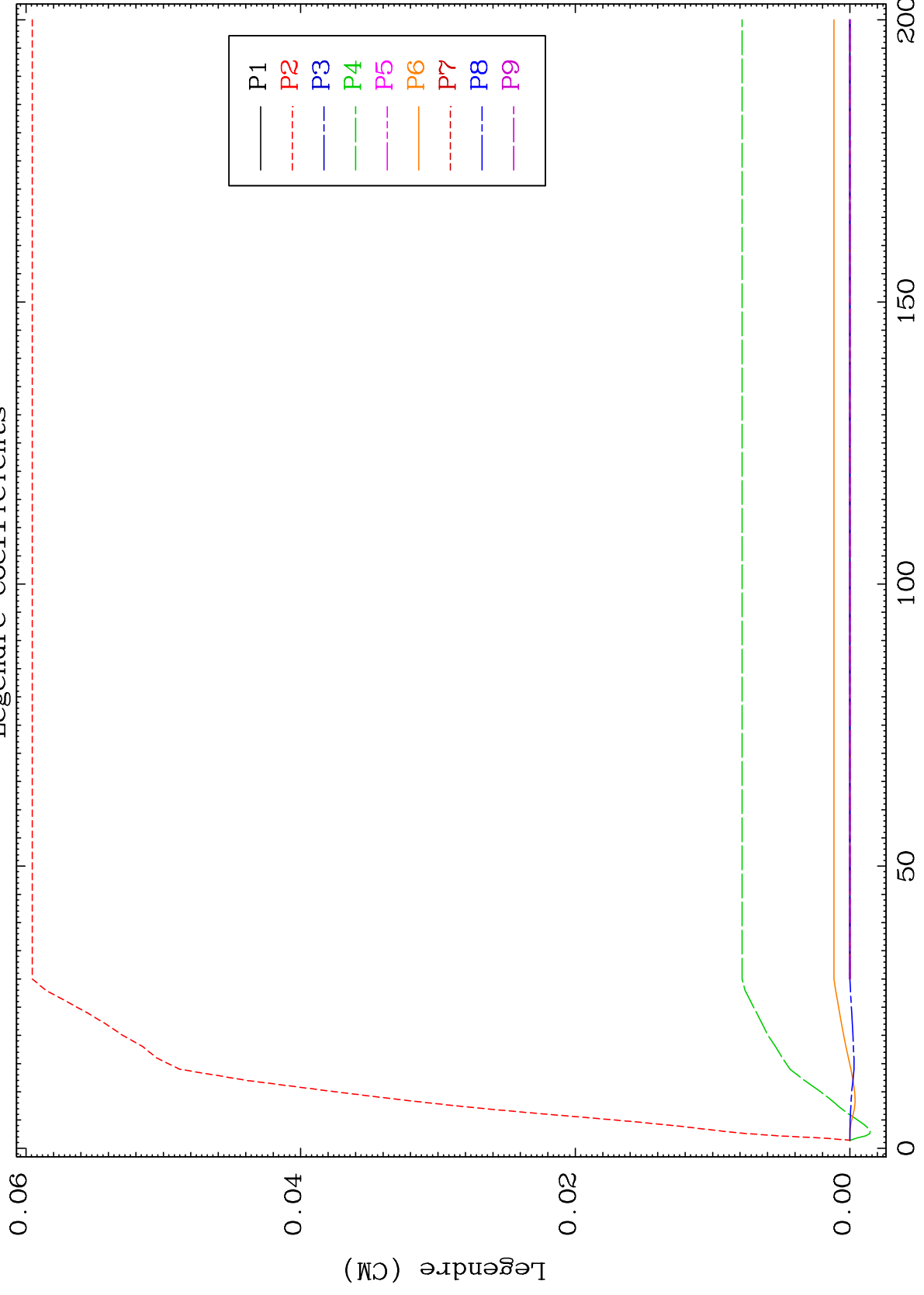
23-V -48

MAT 2319 MT= 63 (n,n') Level Legendre Coefficients 23-V -48



54 Incident Energy (MeV) 23-V -48

MAT 2319 MT= 64 (n,n') Level Legendre Coefficients 23-V -48

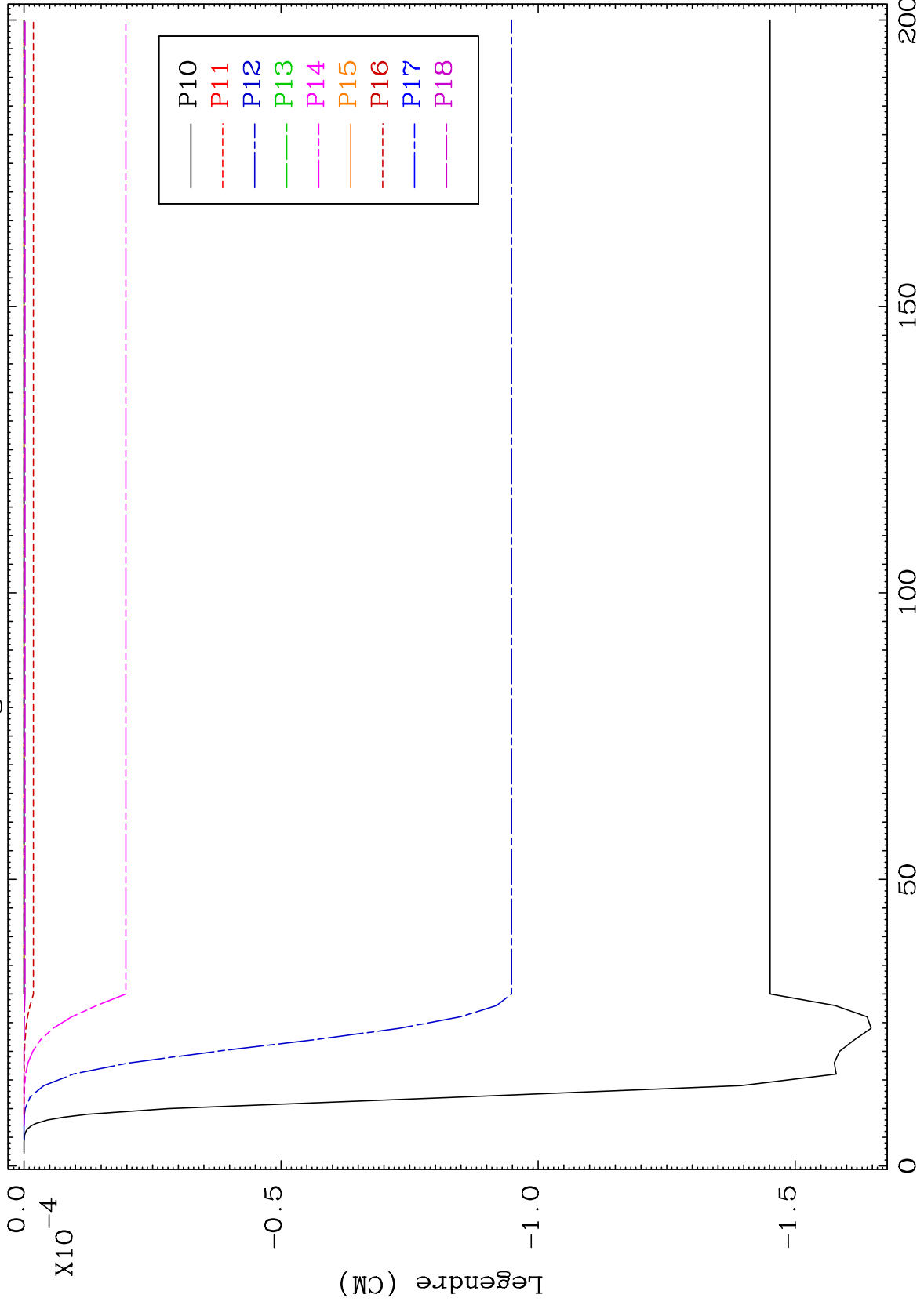


55 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48



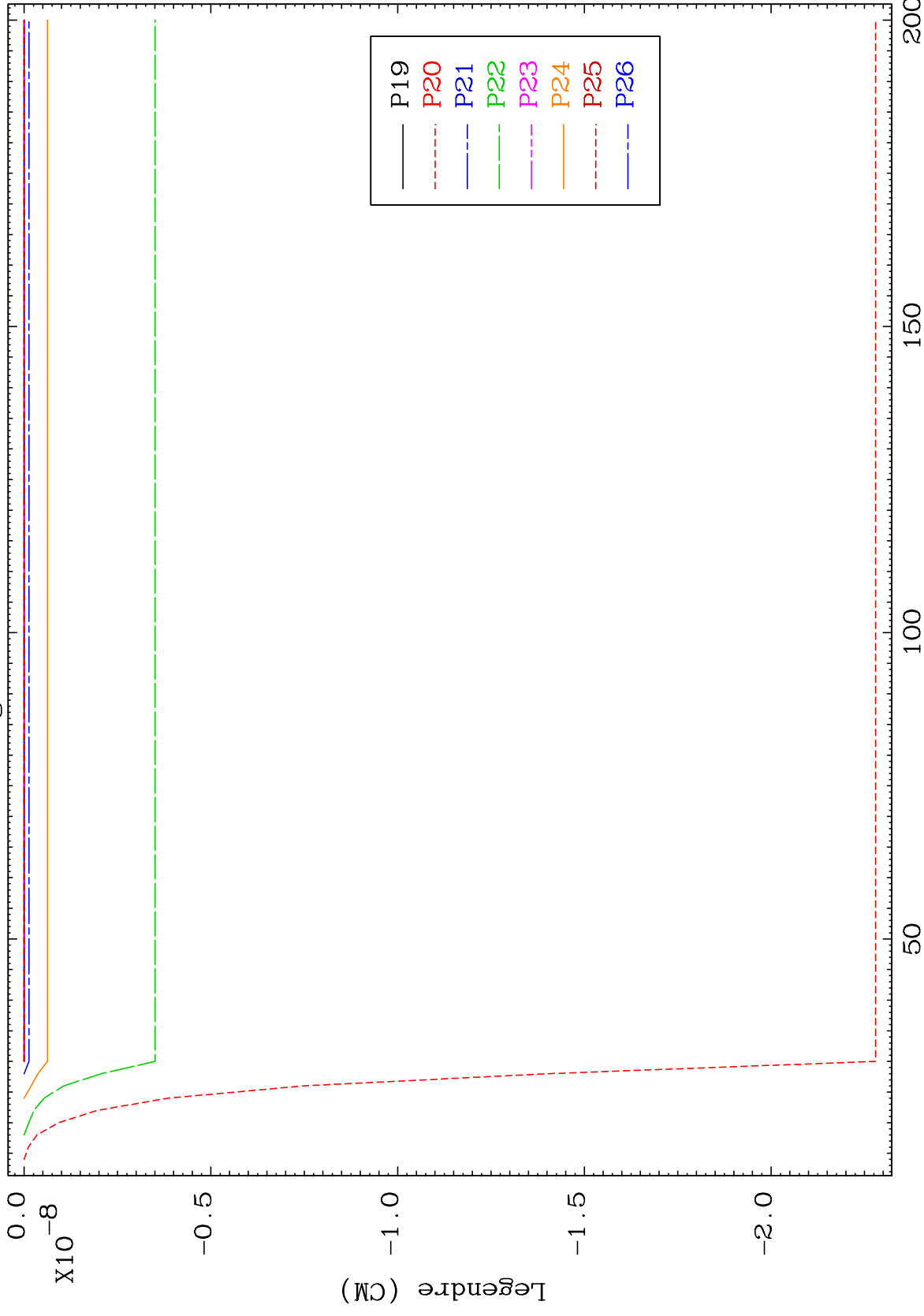
56

23-V -48

MAT 2319

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

23-V -48

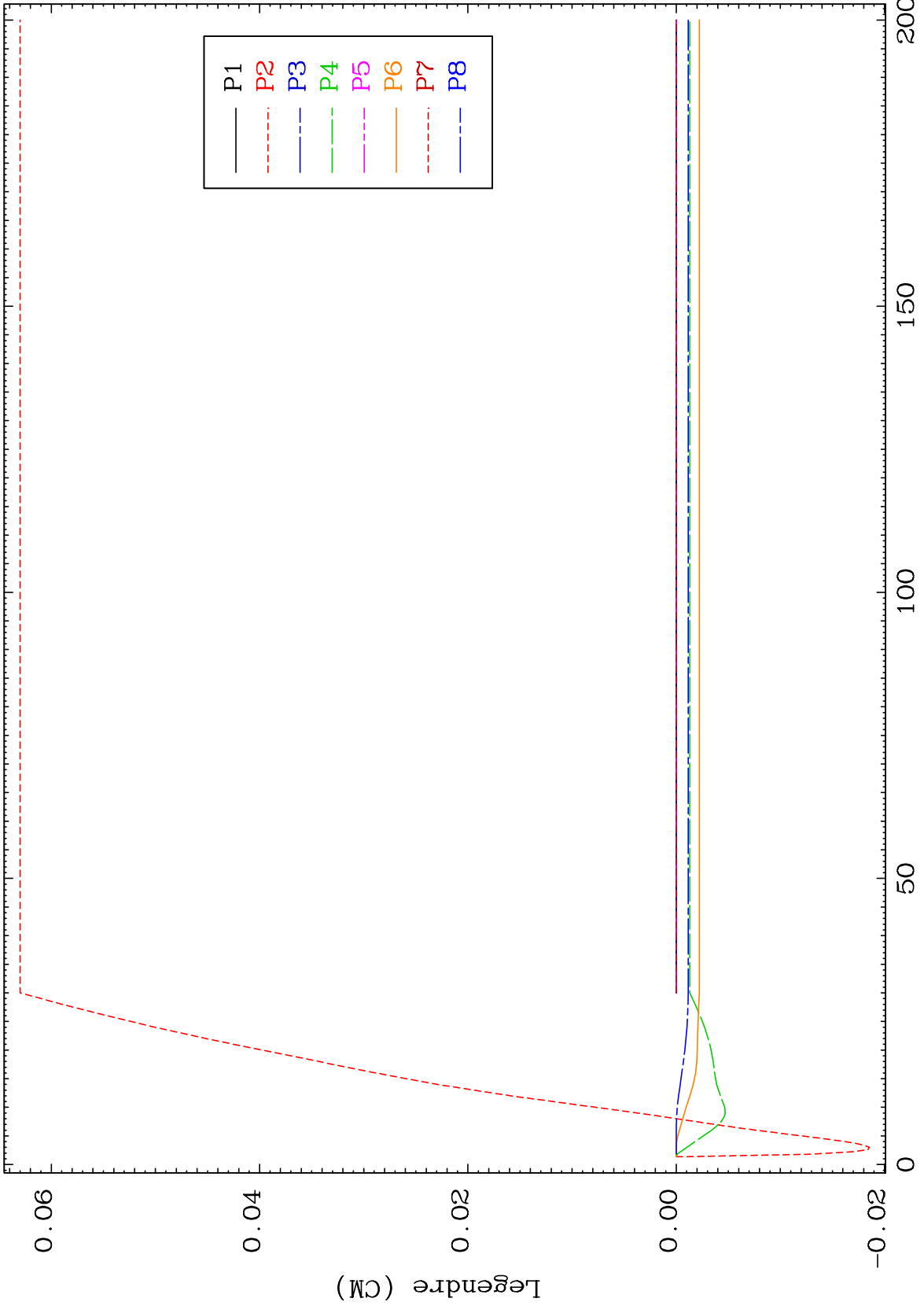


57

23-V -48

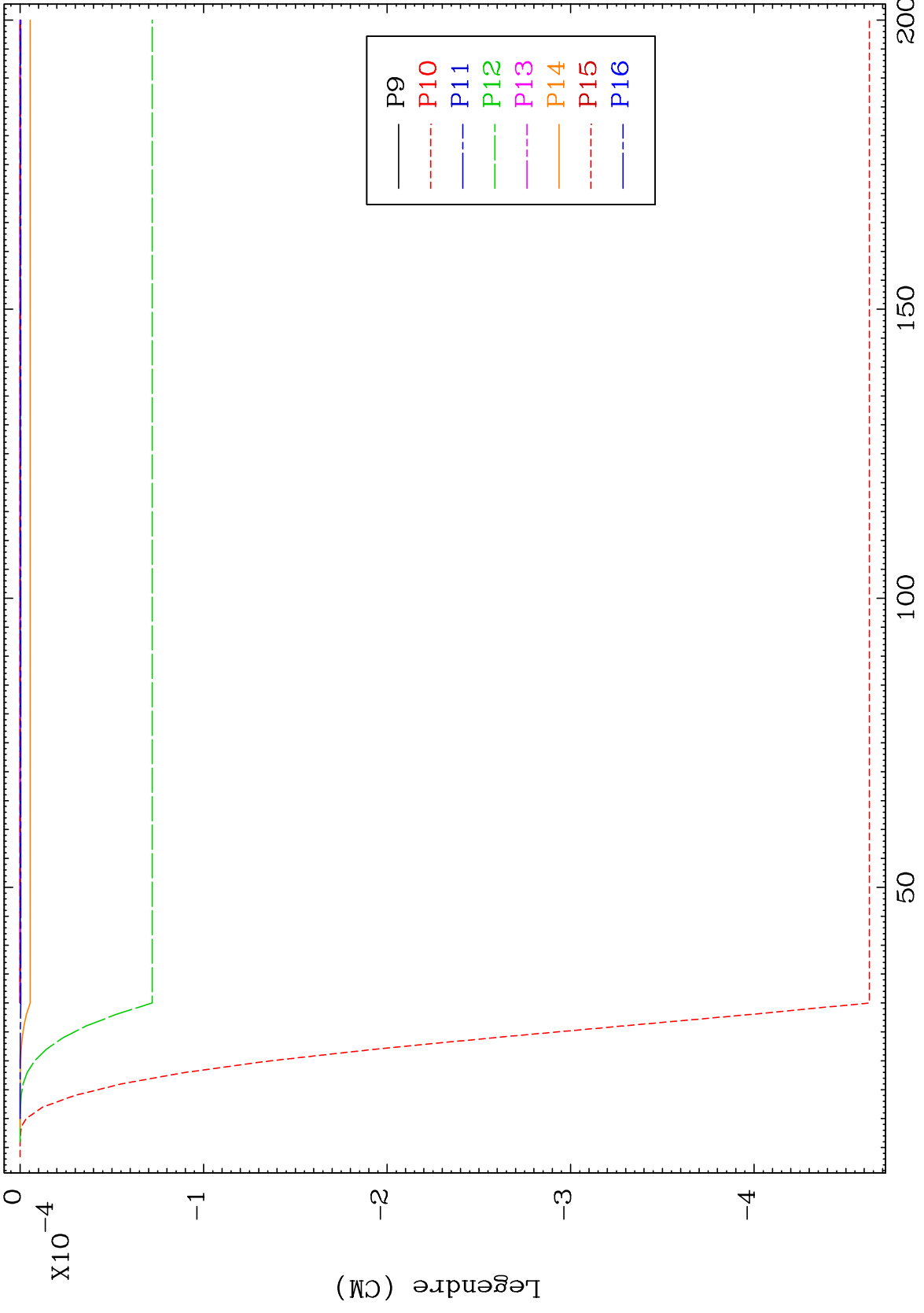
200

MAT 2319 MT= 65 (n,n') Level Legendre Coefficients 23-V -48



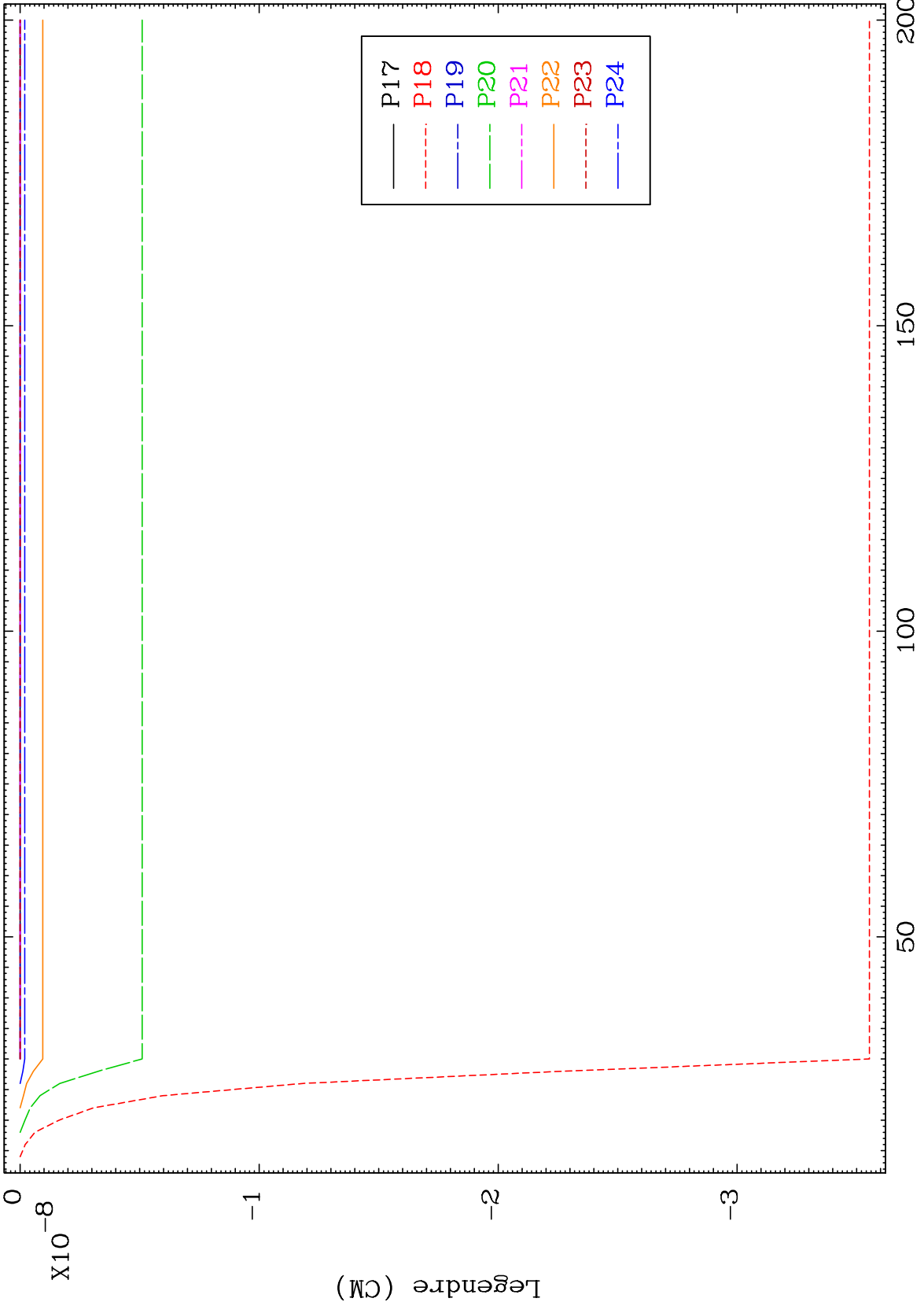
58 Incident Energy (MeV) 23-V -48

MAT 2319 MT= 65 (n,n') Level Legendre Coefficients 23-V -48



59 23-V -48

MAT 2319 MT= 65 (n,n') Level Legendre Coefficients 23-V -48

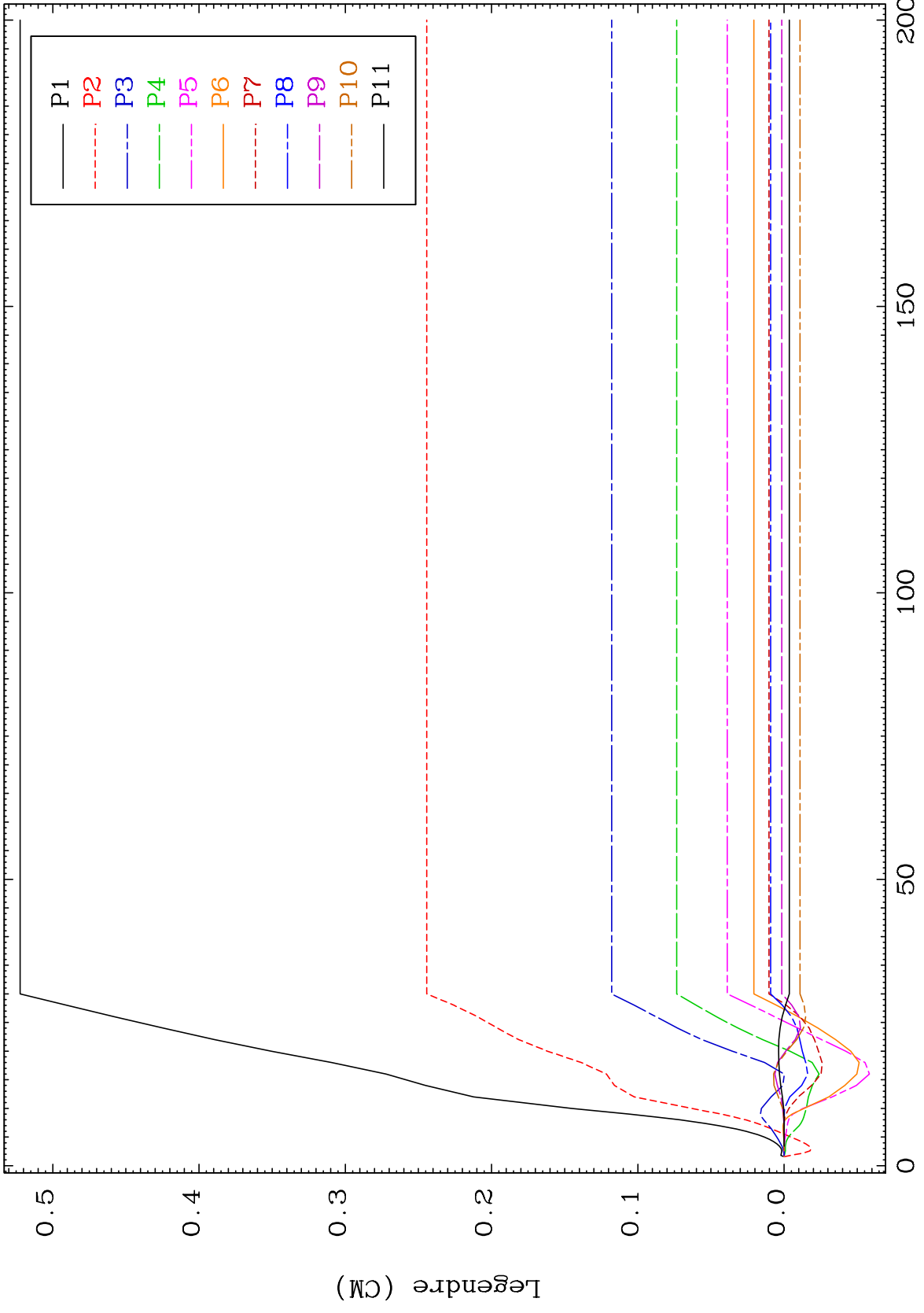


60 50 100 150 200 23-V -48

MAT 2319

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

23-V -48



61

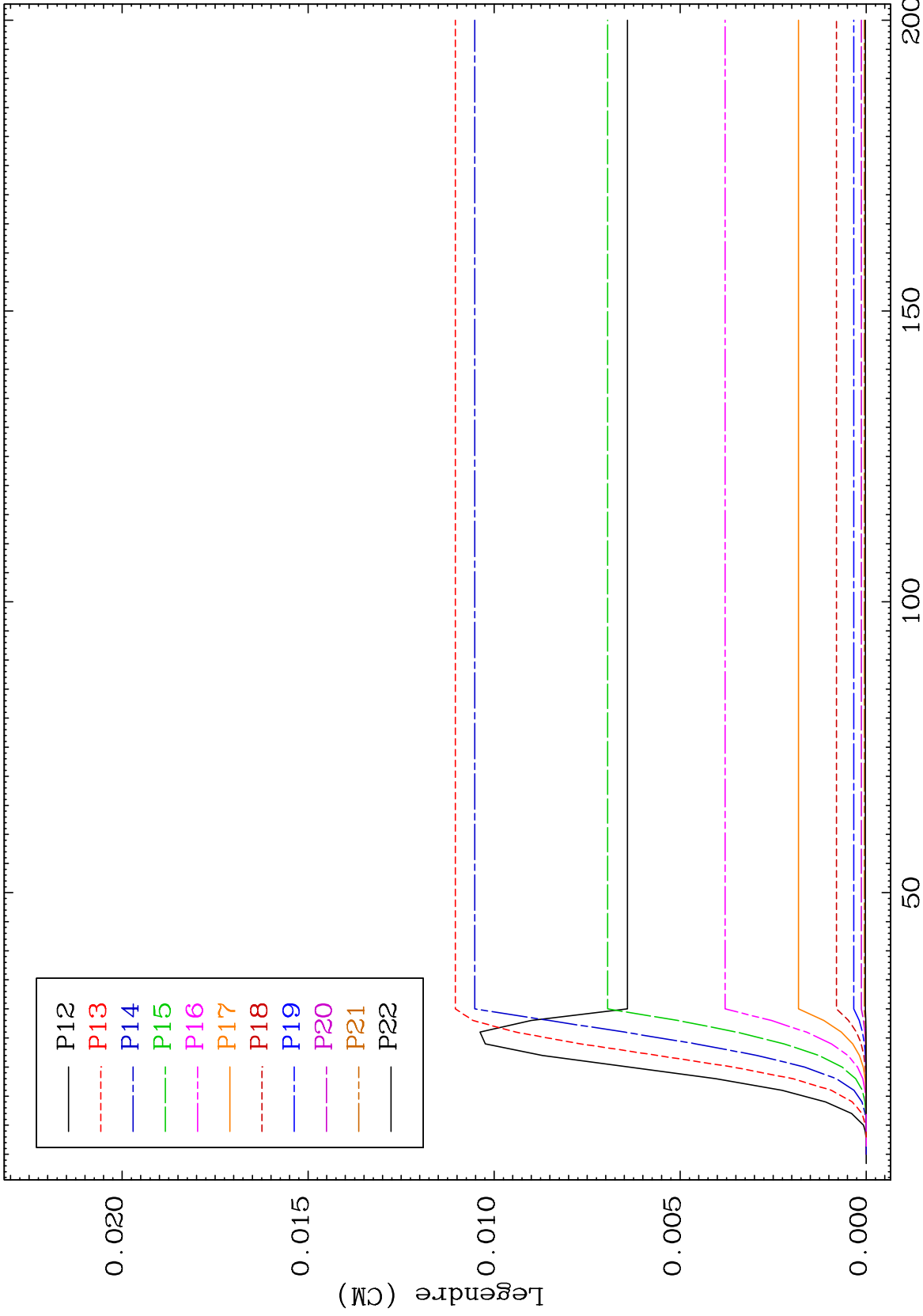
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



62

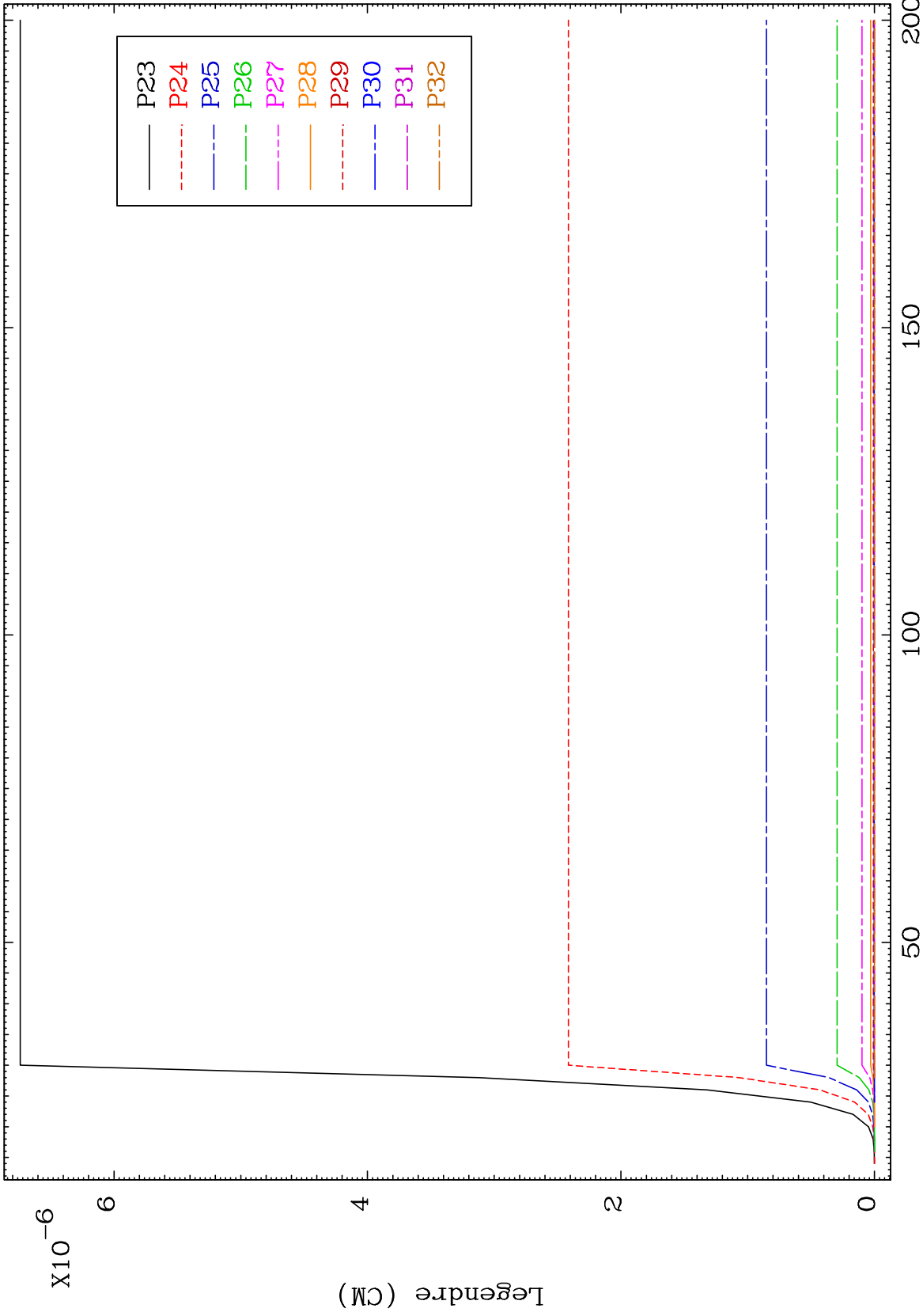
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



63

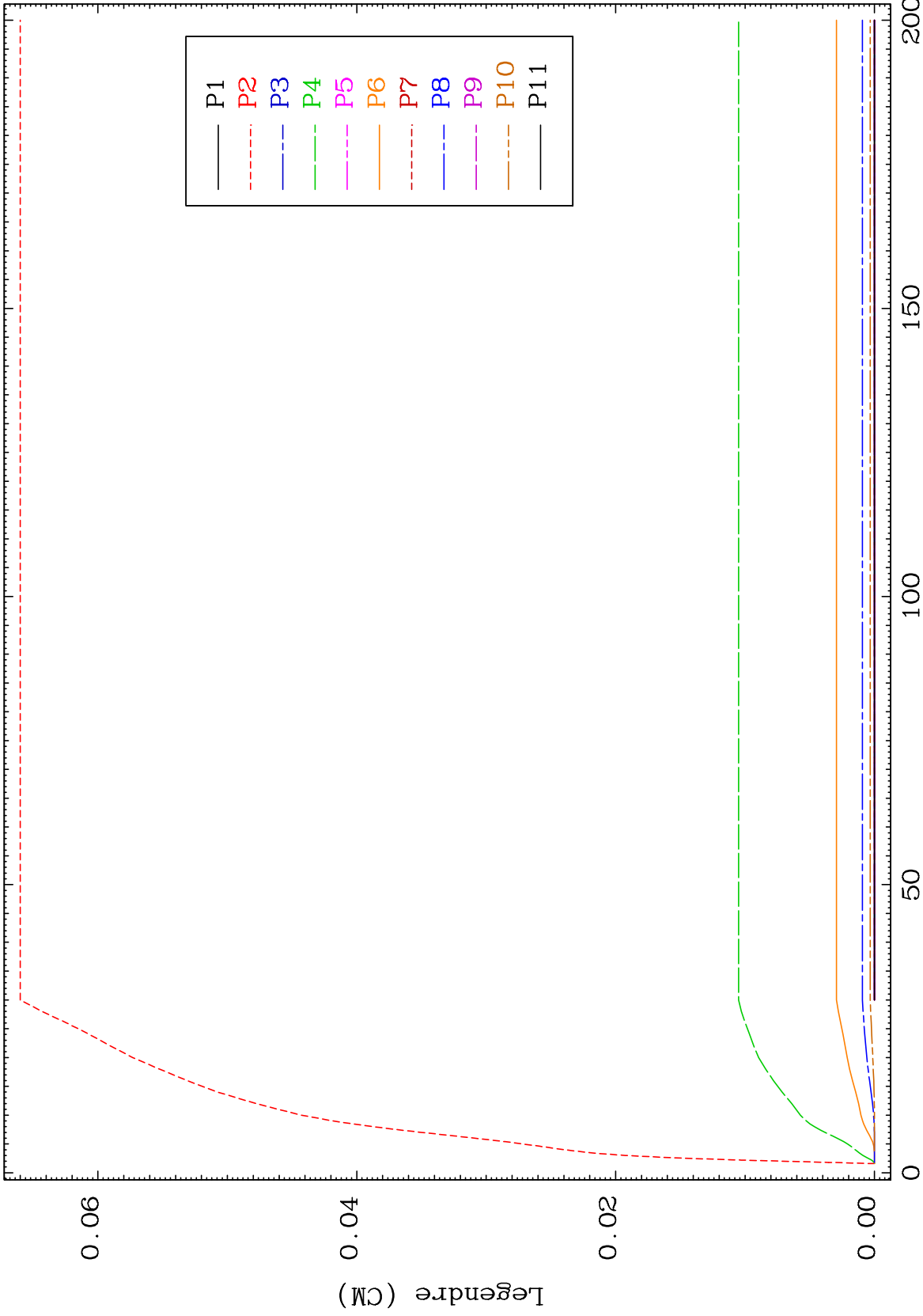
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



64

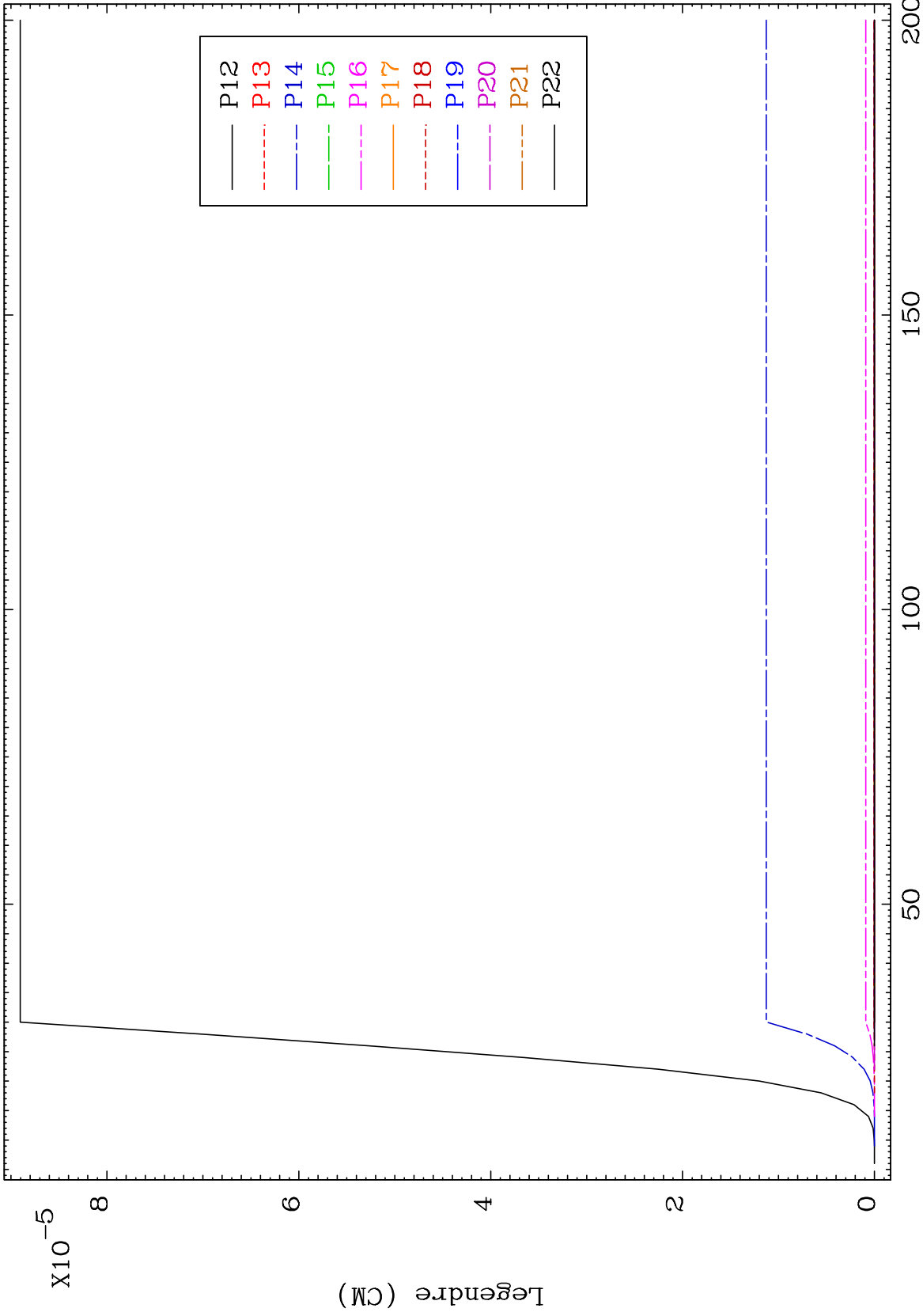
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



65

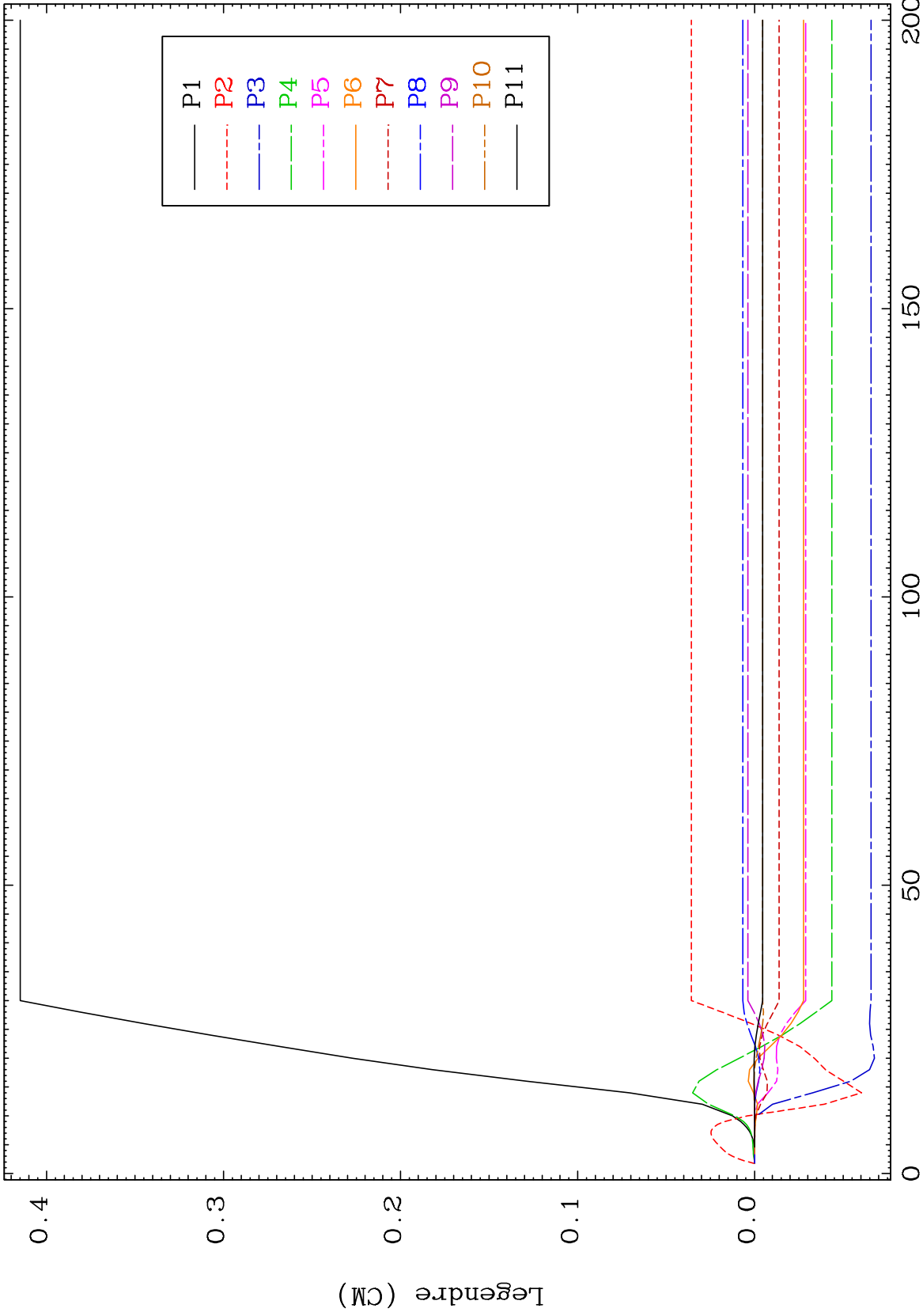
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



66

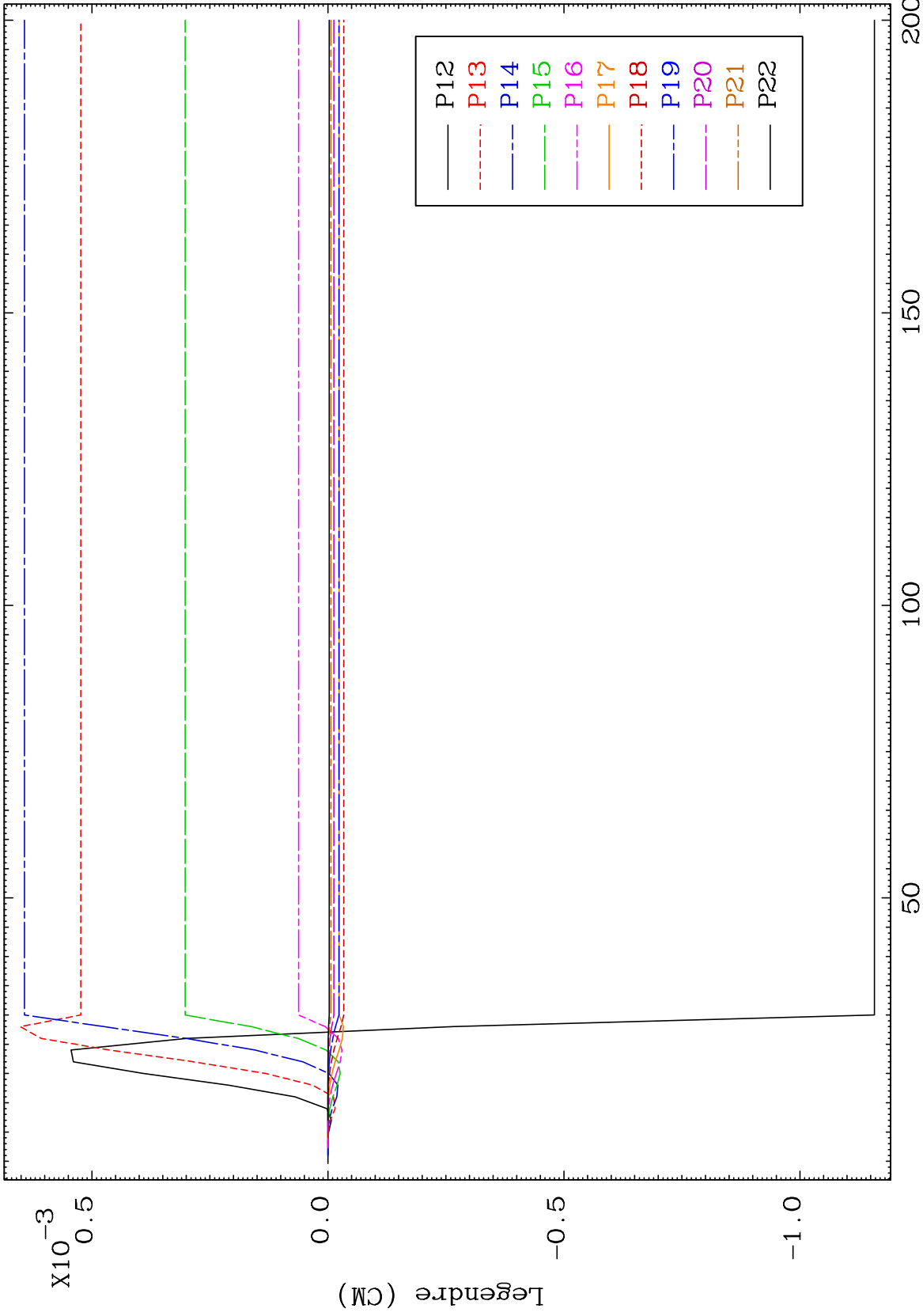
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



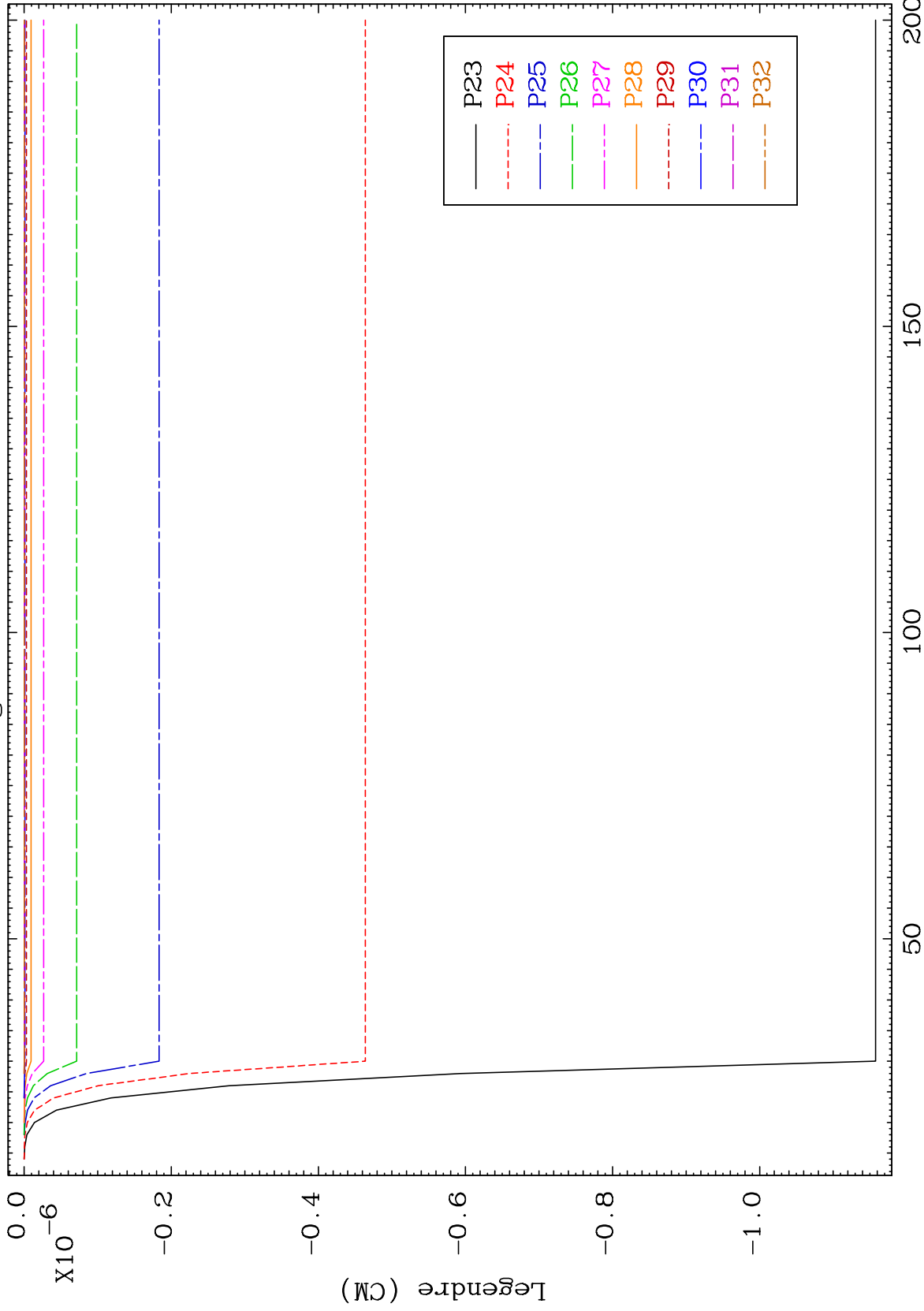
67

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 68 (n,n') Level 23-V -48

Legendre Coefficients



68

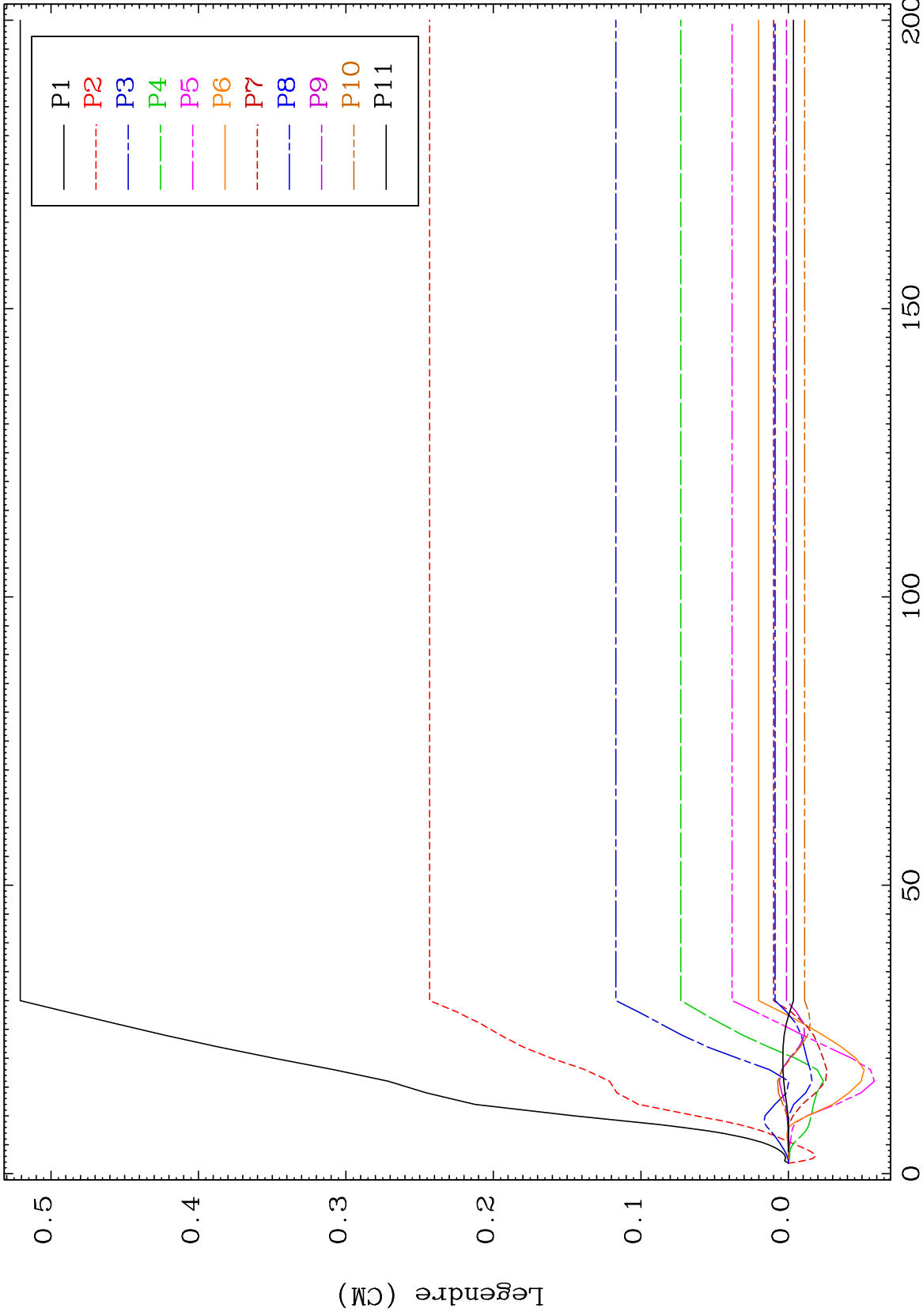
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



69

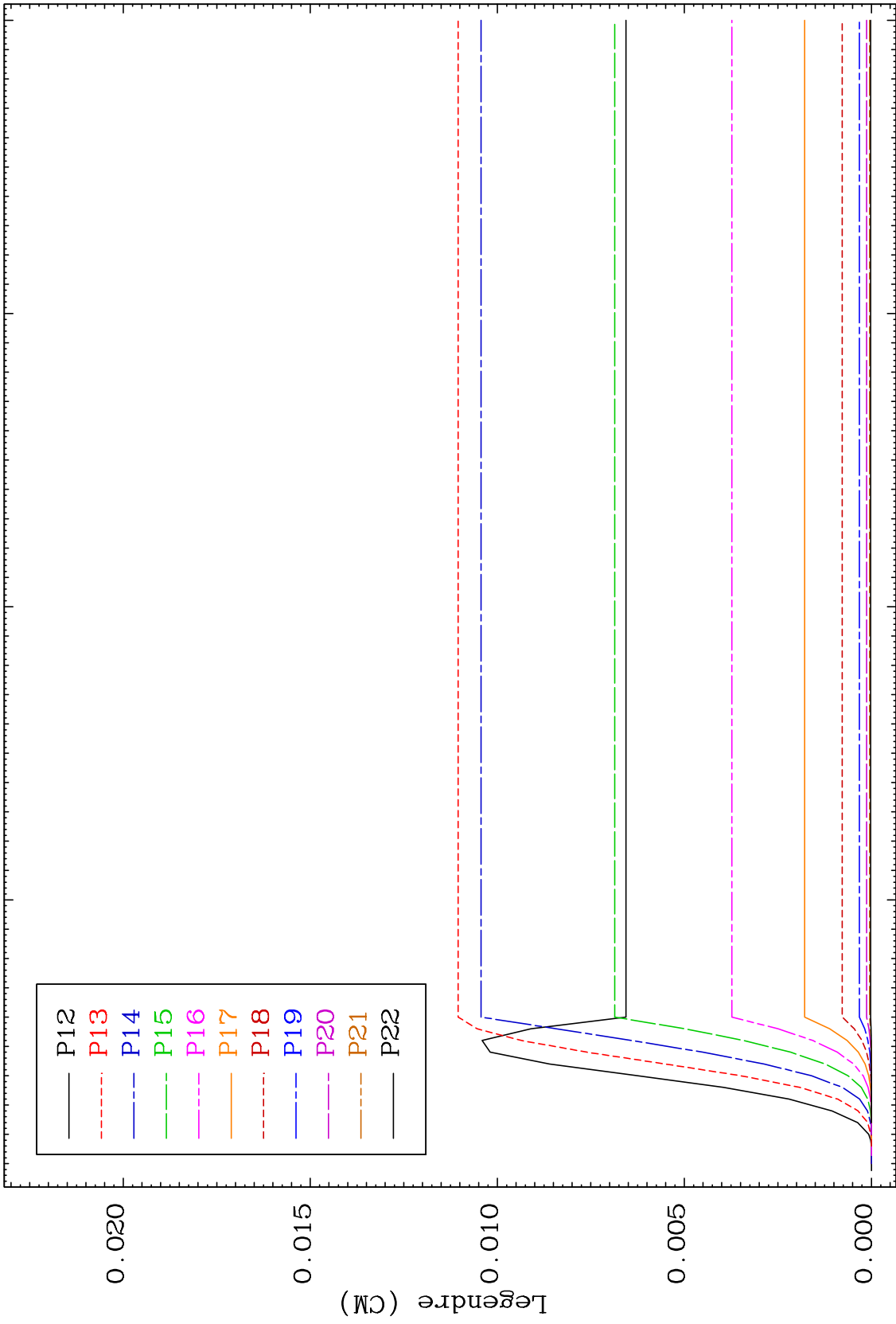
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



70

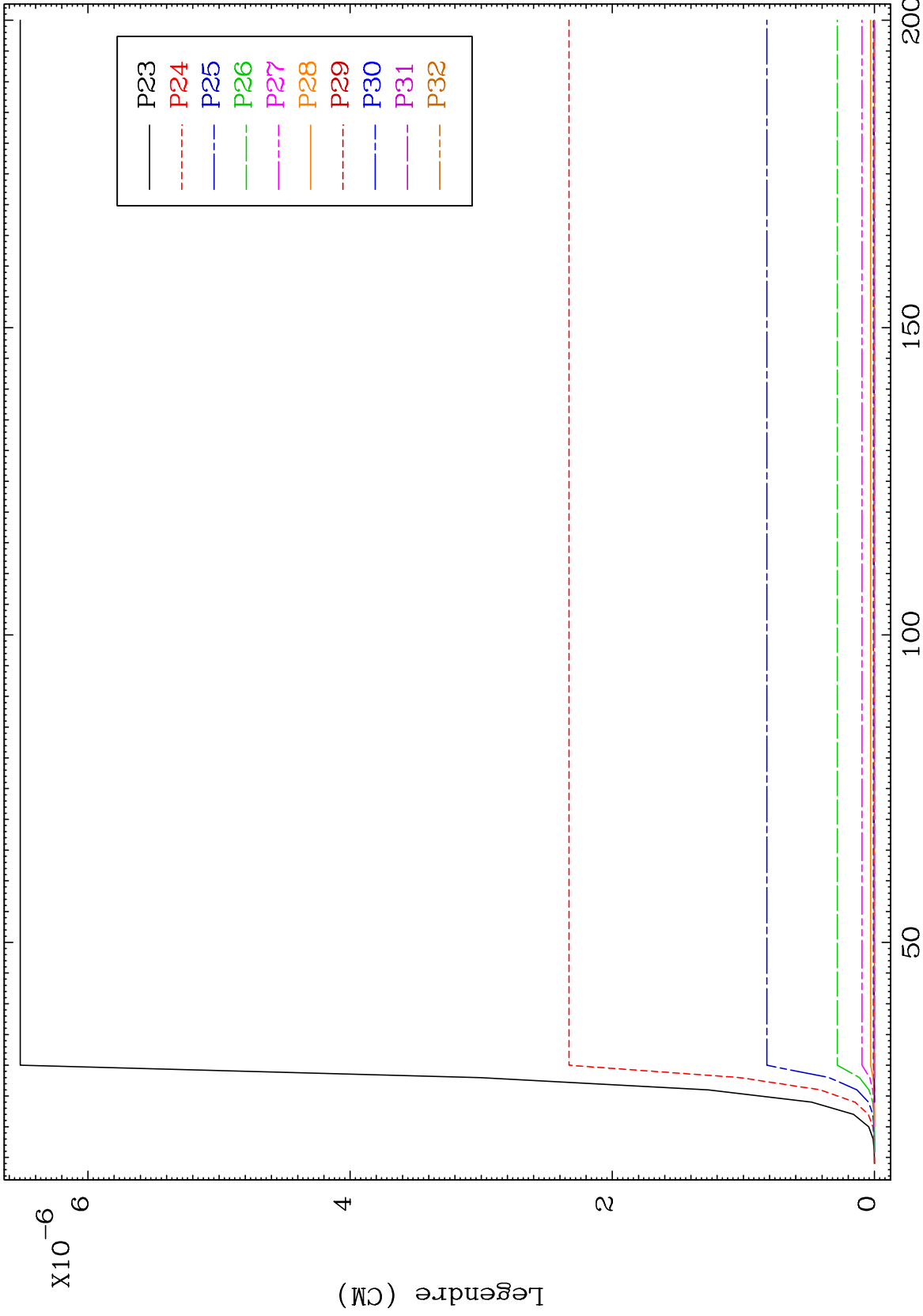
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

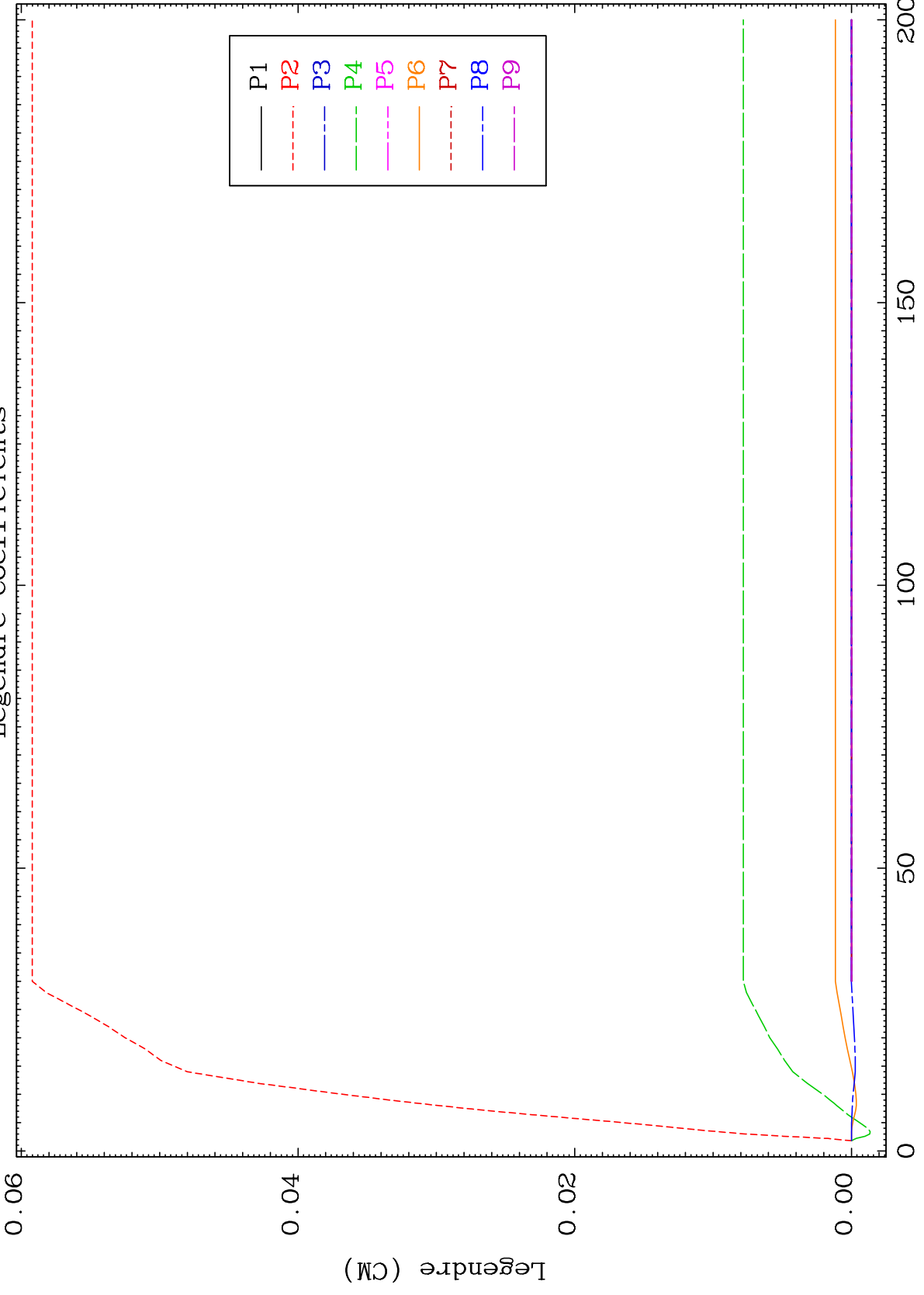


71

Incident Energy (MeV)

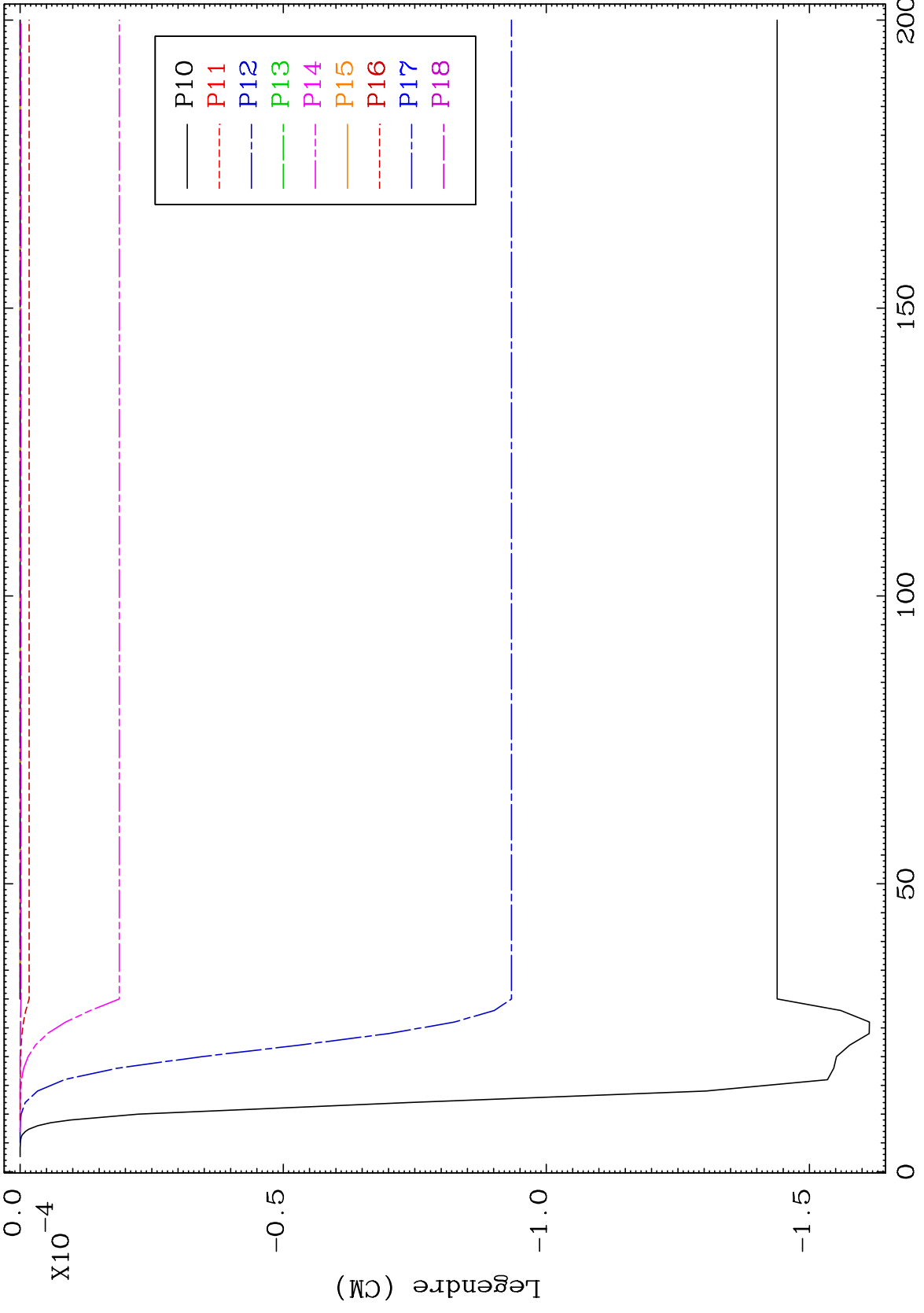
23-V -48

MAT 2319 MT= 70 (n,n') Level Legendre Coefficients 23-V -48



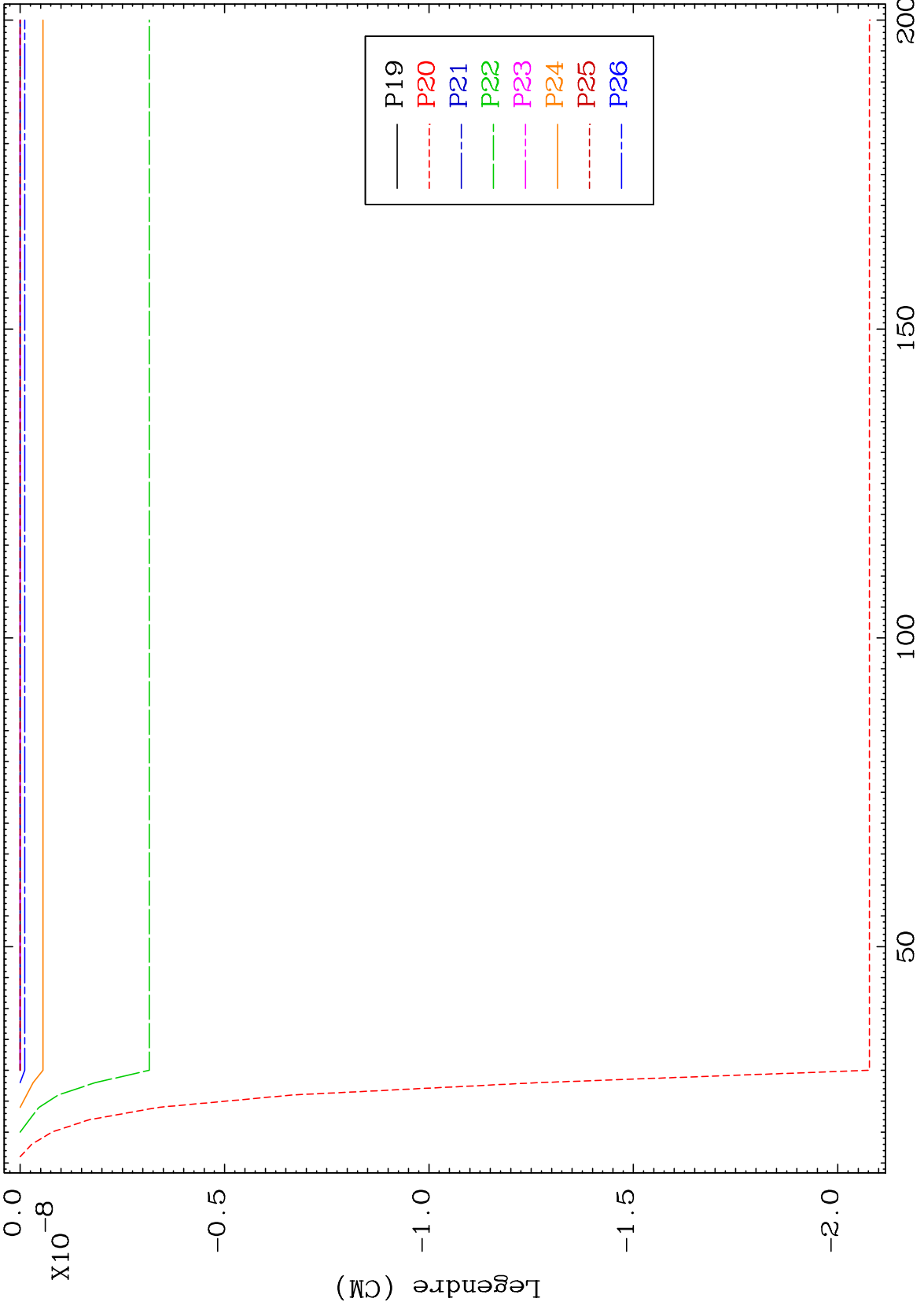
72 23-V -48

MAT 2319 MT= 70 (n,n') Level Legendre Coefficients 23-V -48



73 23-V -48

MAT 2319 MT= 70 (n,n') Level Legendre Coefficients 23-V -48

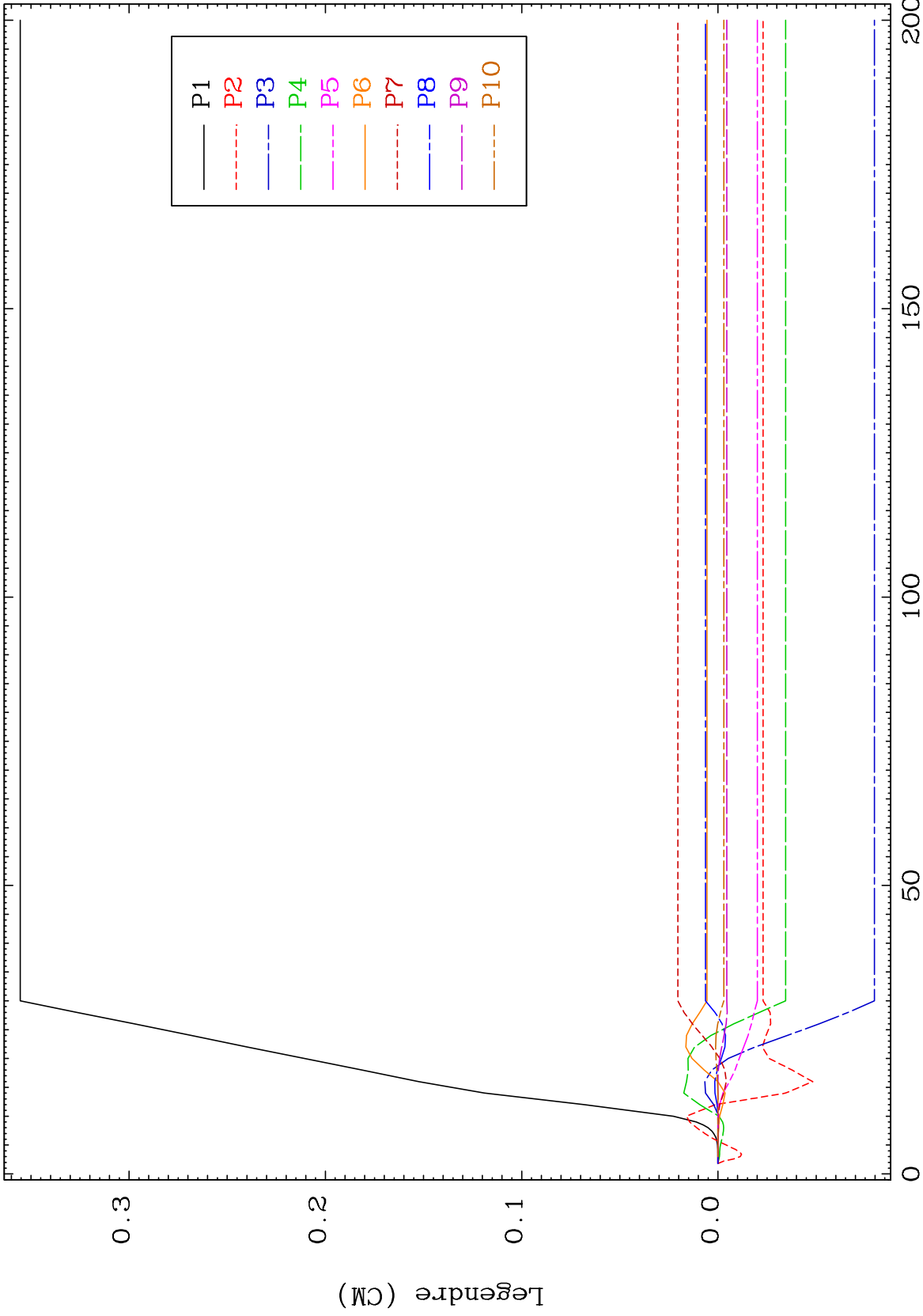


74 23-V -48

MAT 2319

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

23-V -48

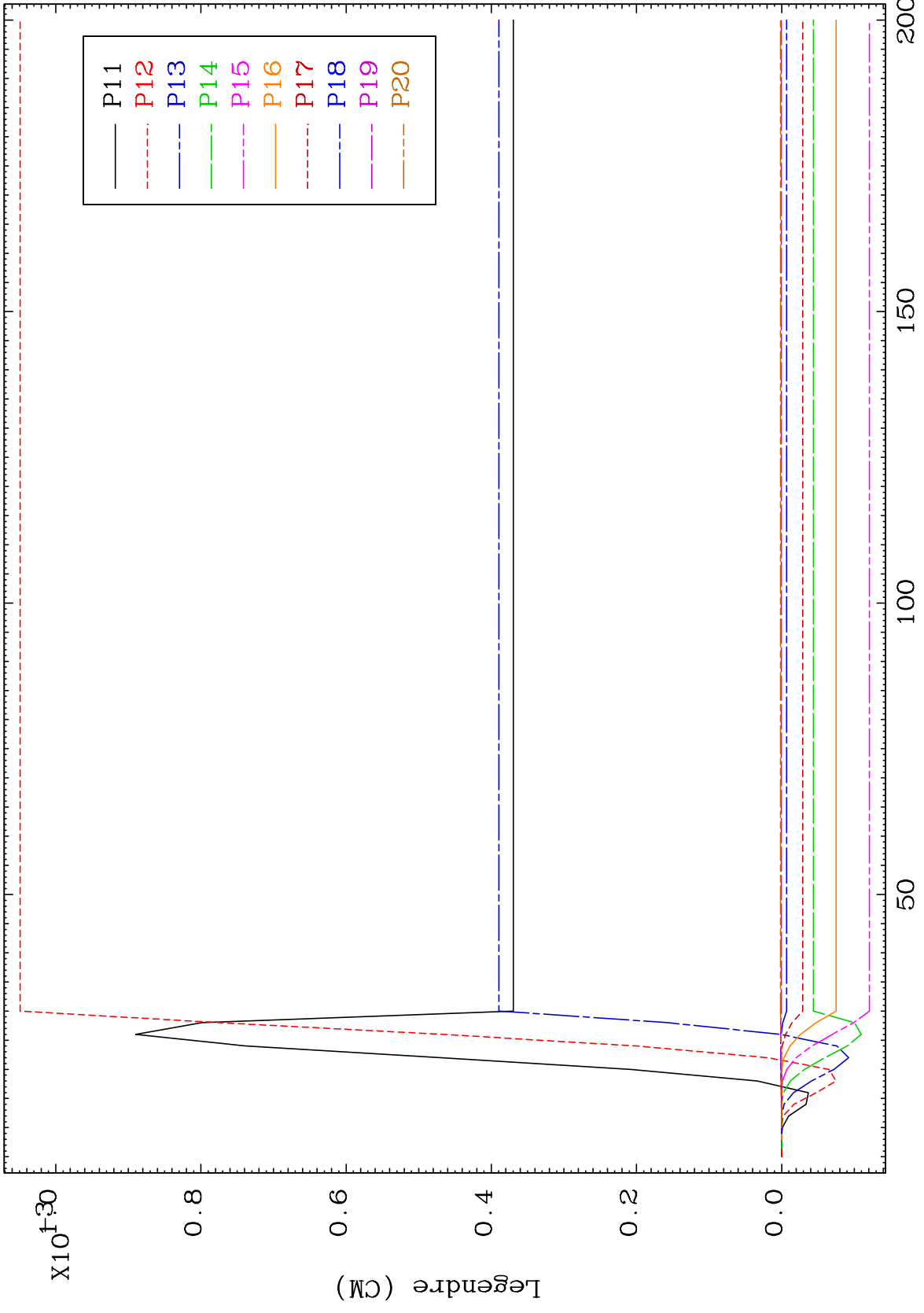


75

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 71 (n,n') Level Legendre Coefficients 23-V -48

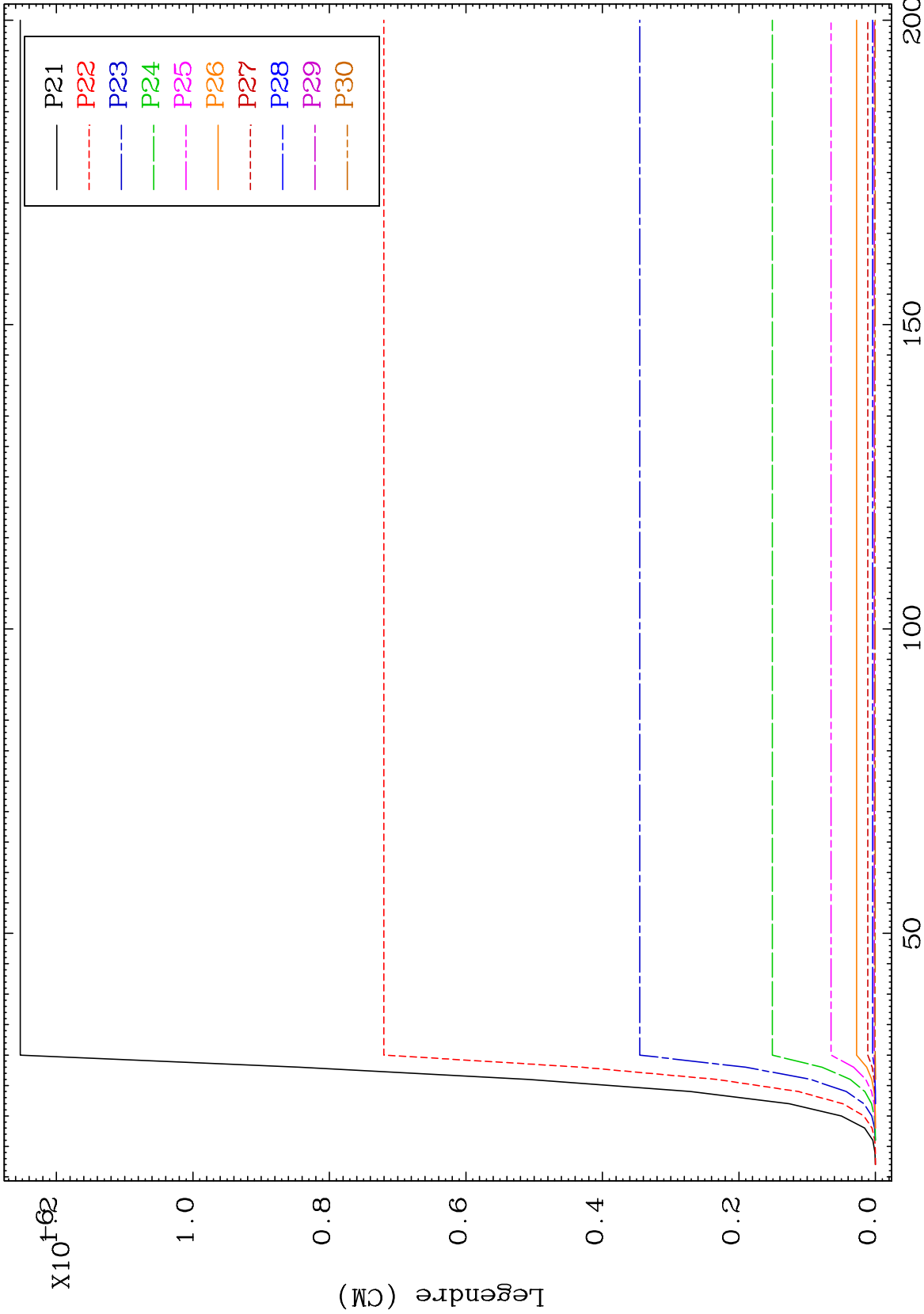


76 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48



23-V -48

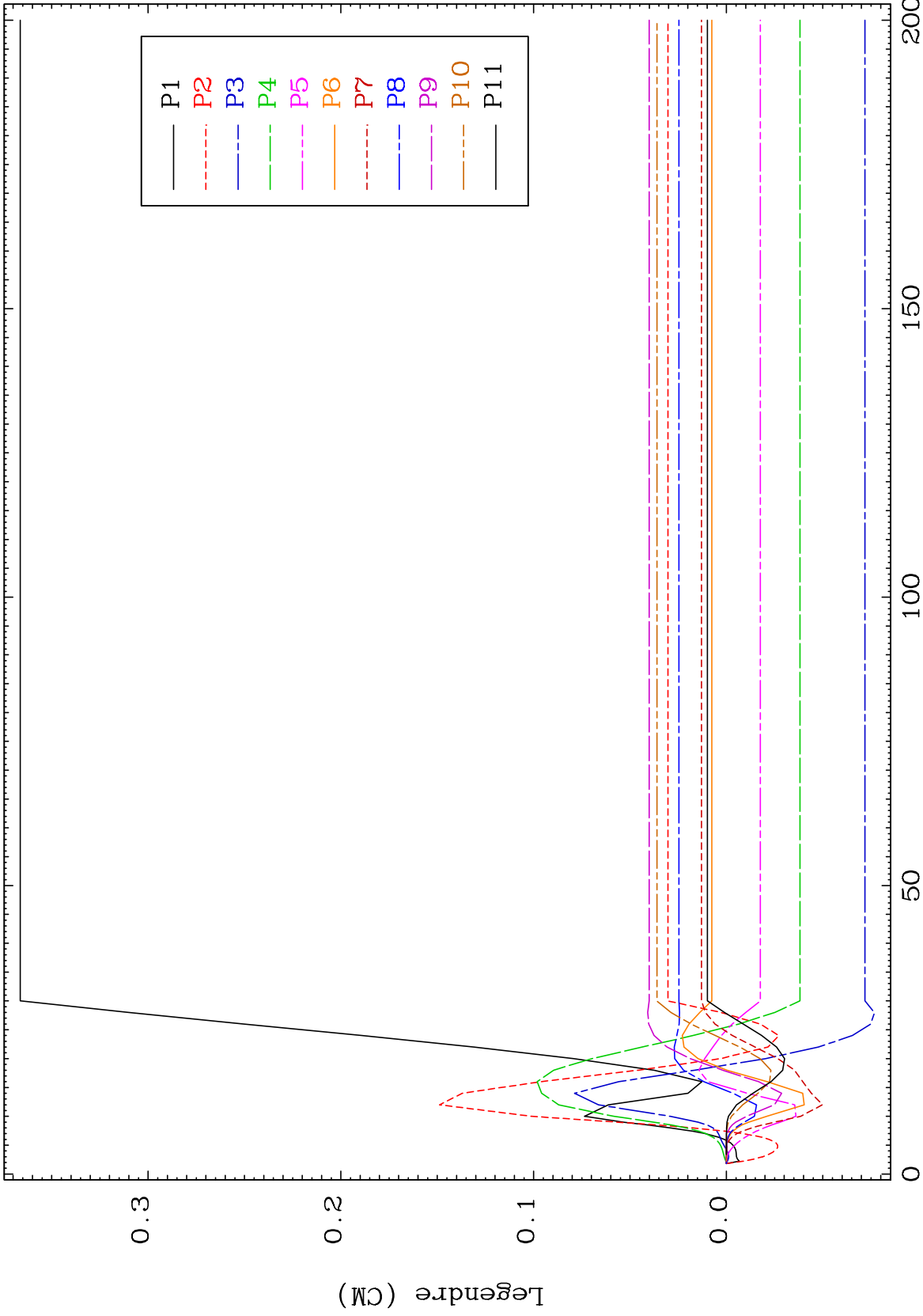
Incident Energy (MeV)

77

MAT 2319

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

23-V -48



78

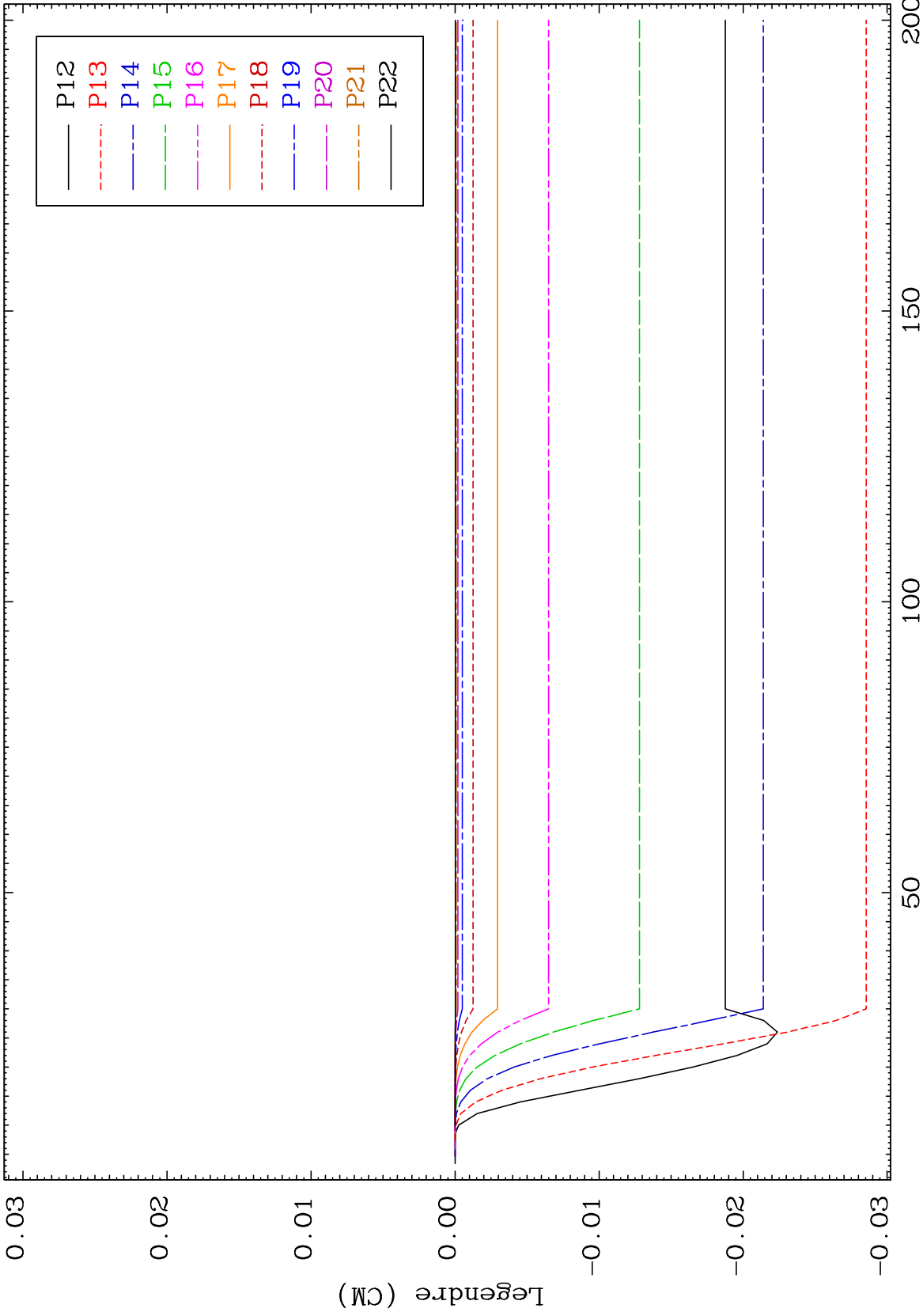
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

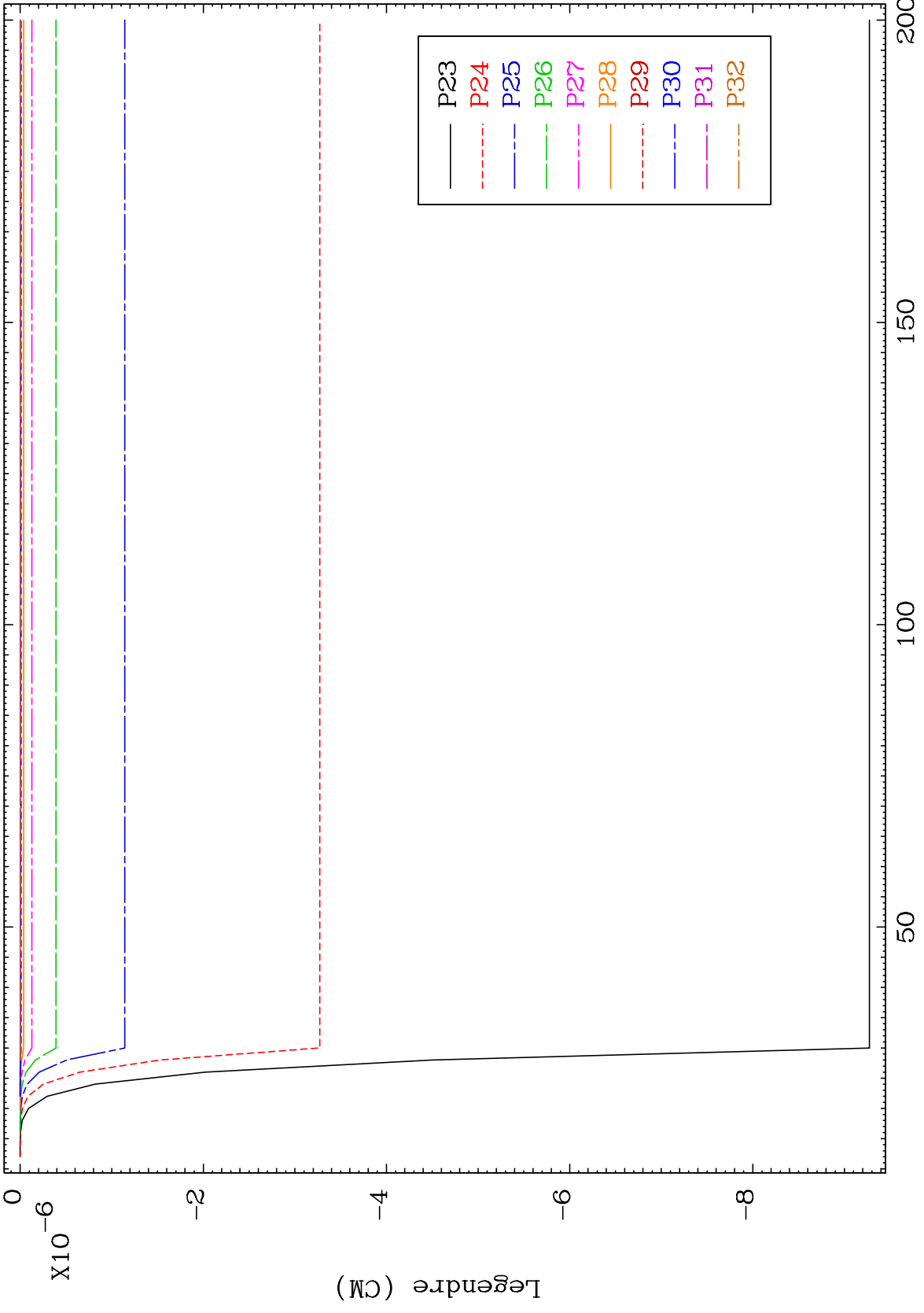


79

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 72 (n,n') Level Legendre Coefficients 23-V -48

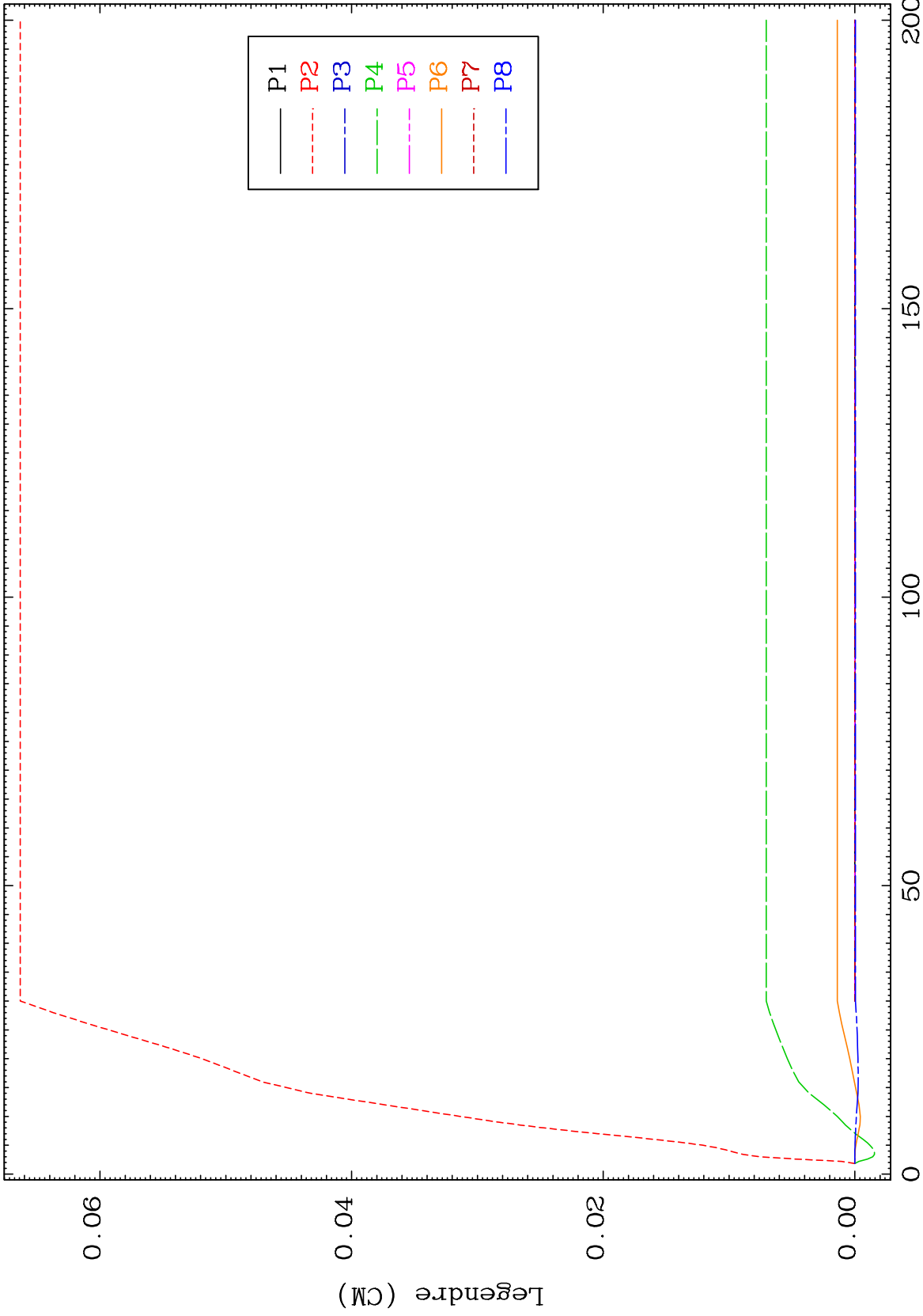


80 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48



81

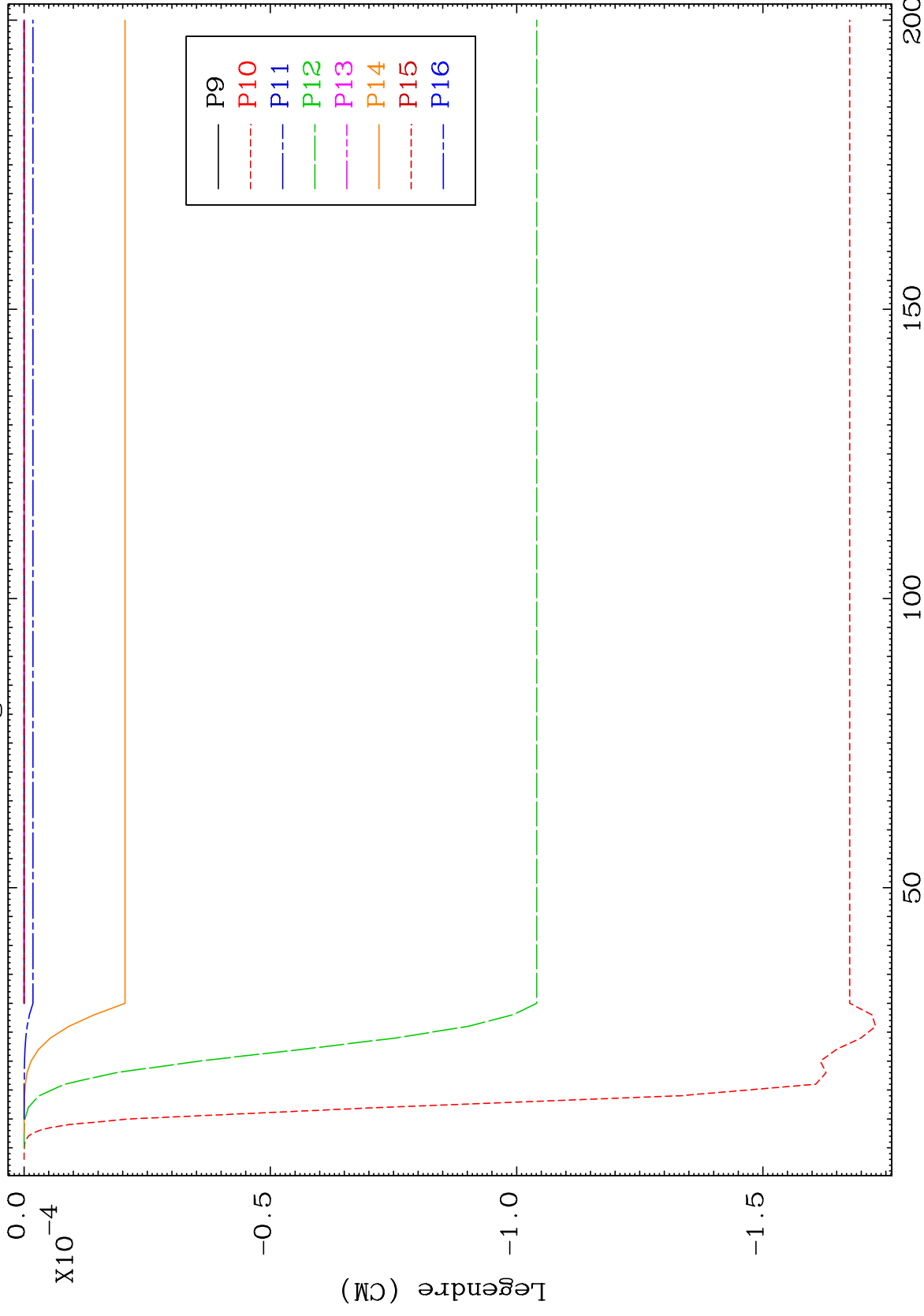
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

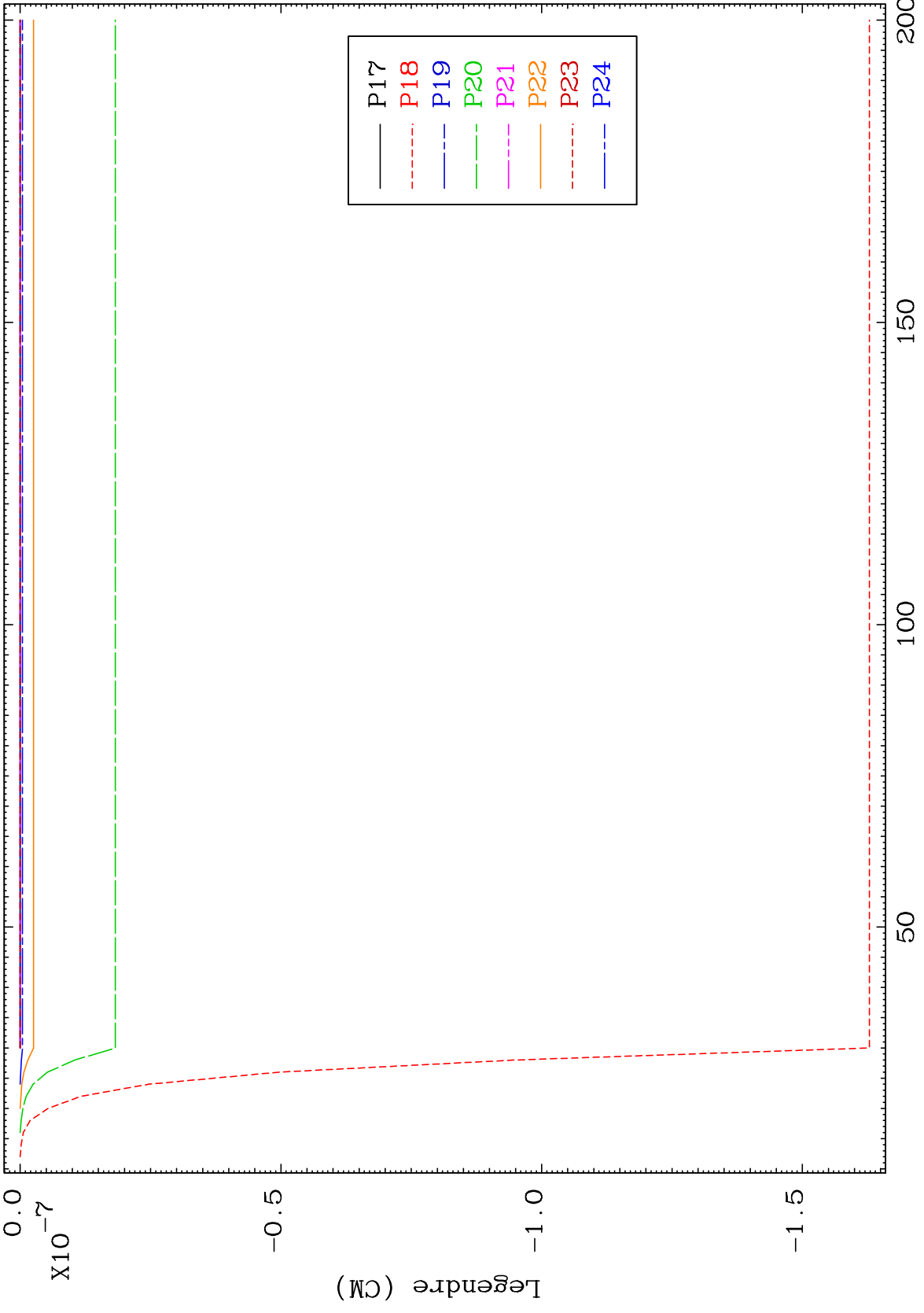


82

Incident Energy (MeV)

23-V -48

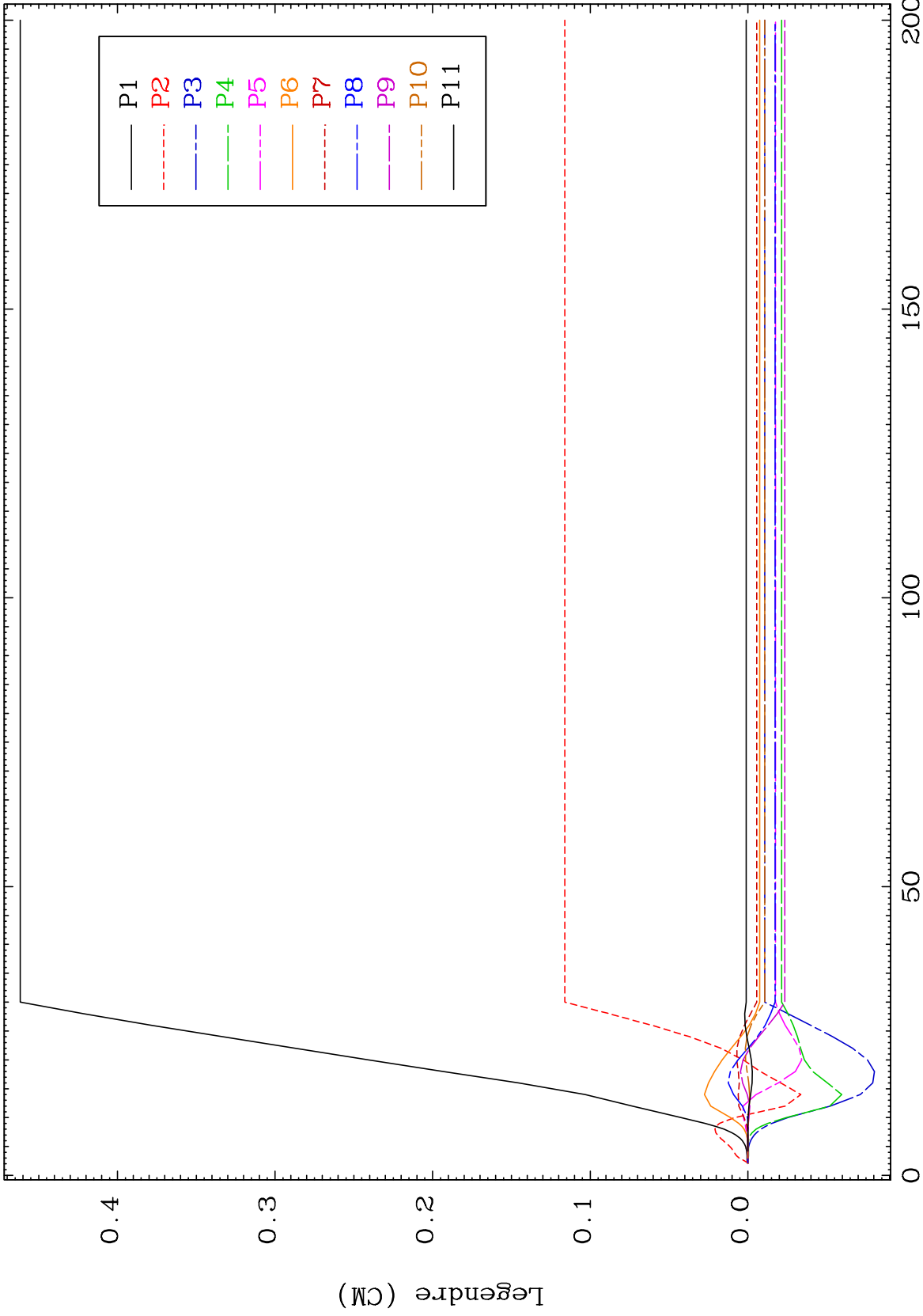
MAT 2319 MT= 73 (n,n') Level Legendre Coefficients 23-V -48



MAT 2319

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

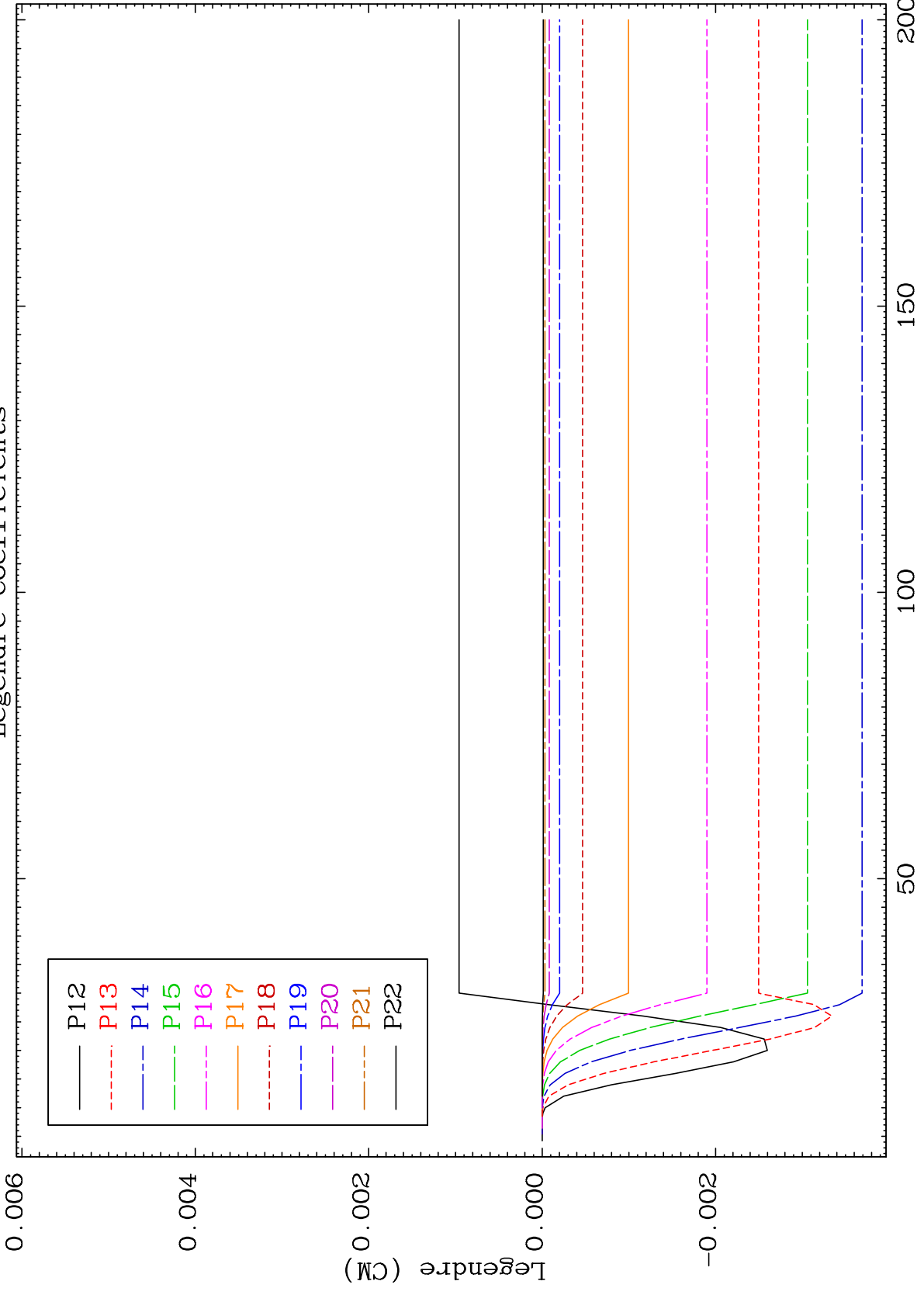
23-V -48



84

Incident Energy (MeV)

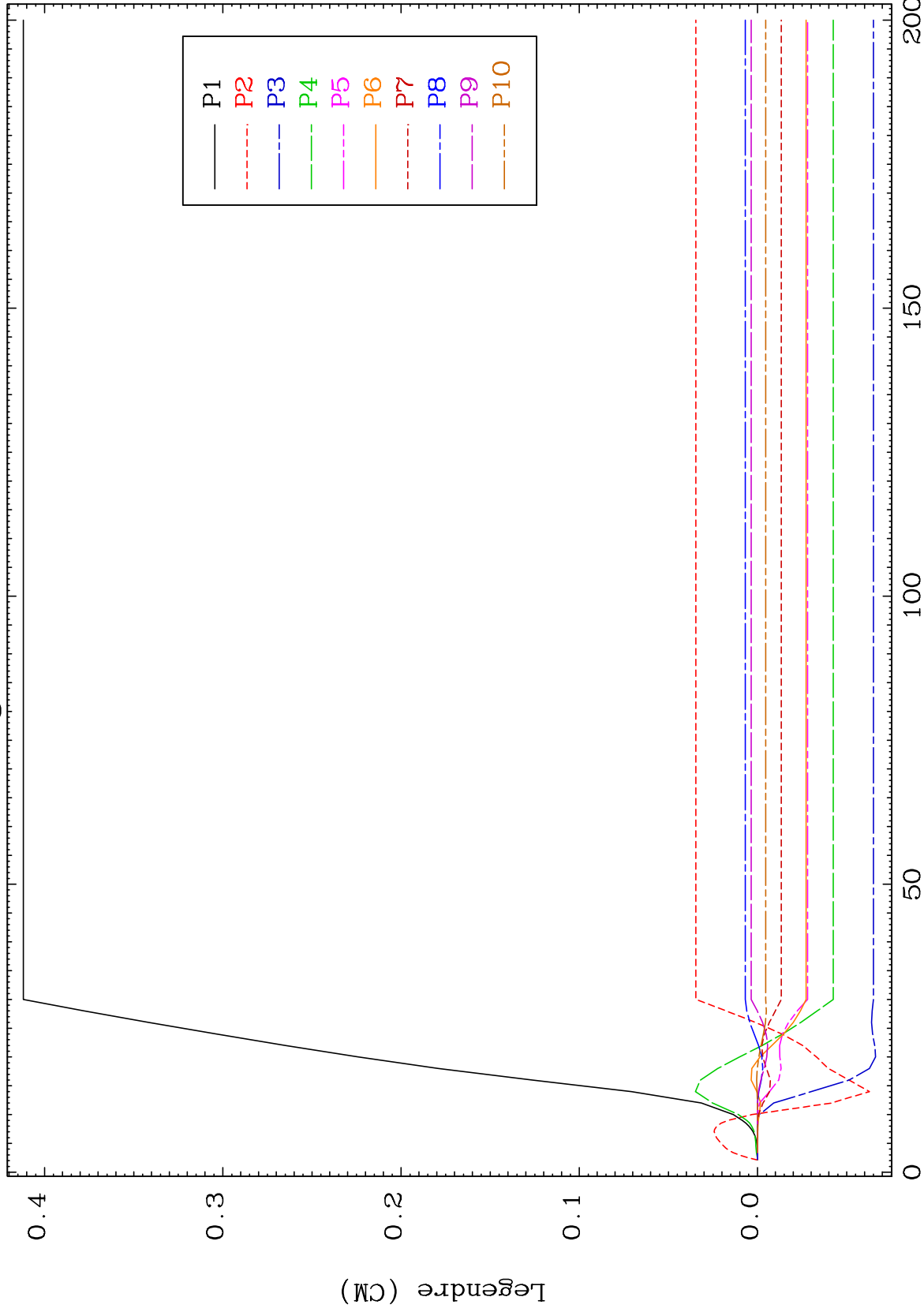
23-V -48



MAT 2319

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

23-V -48



87

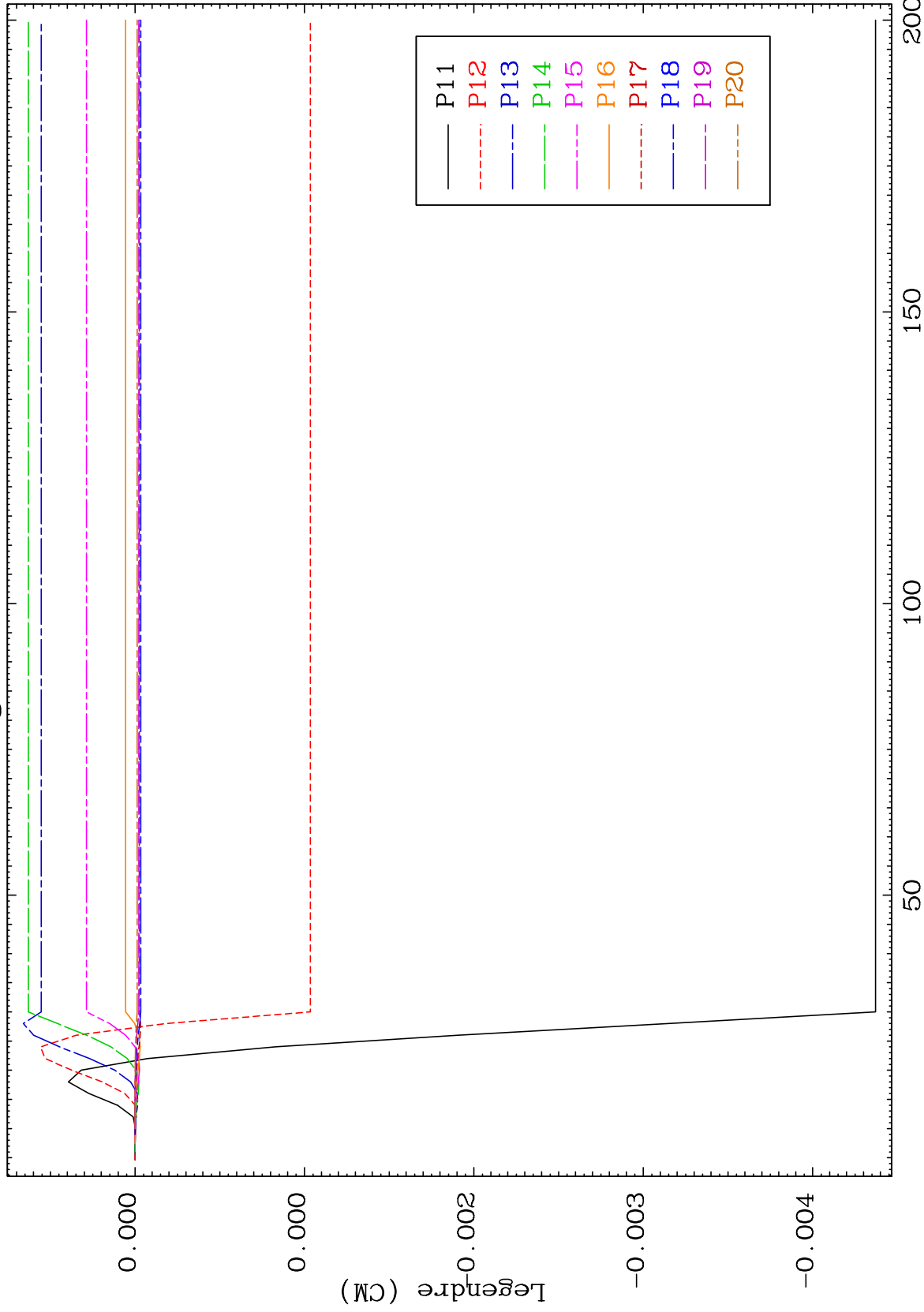
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

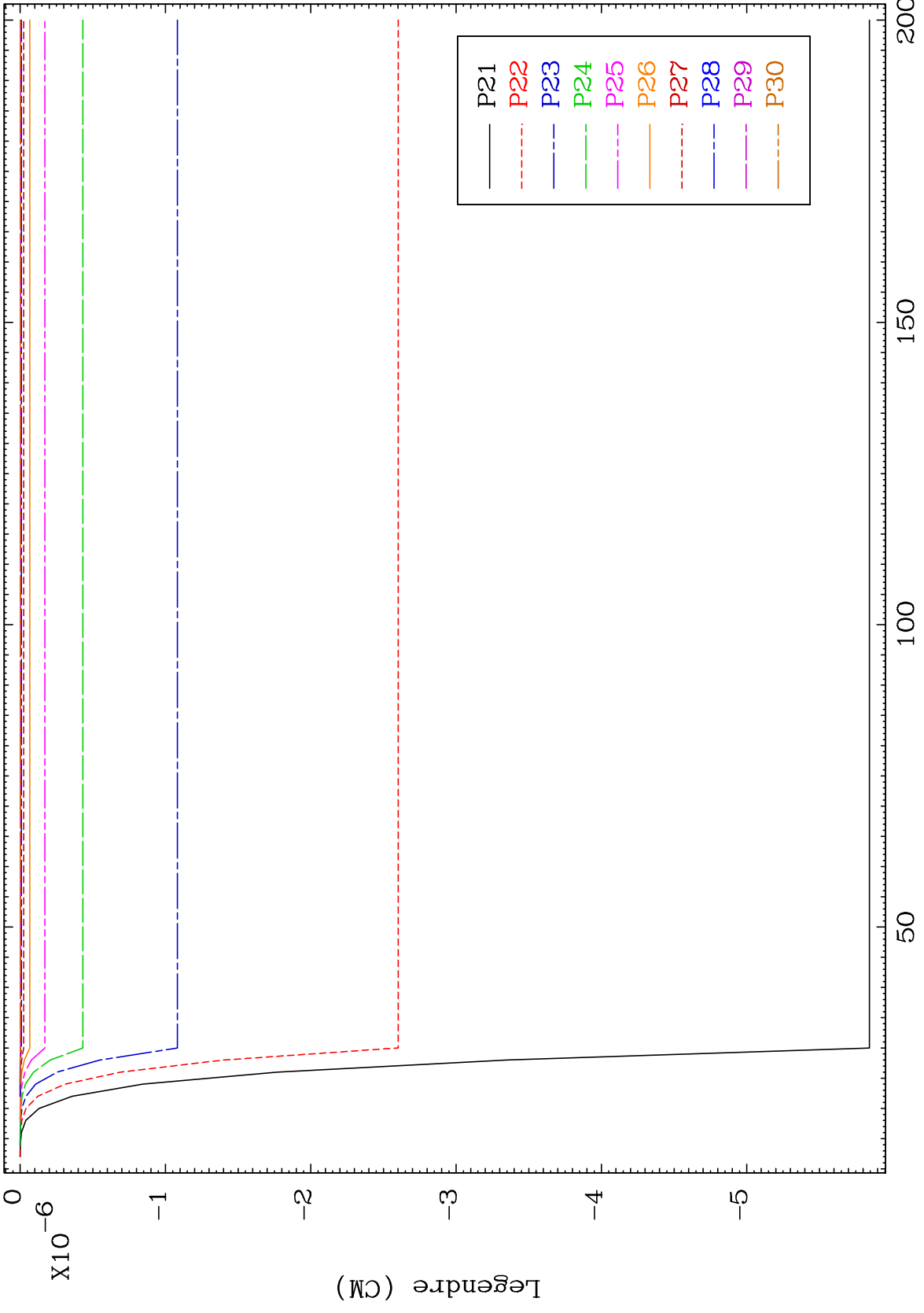


88

Incident Energy (MeV)

23-V -48

MAT 2319 MT= 75 (n,n') Level Legendre Coefficients 23-V -48

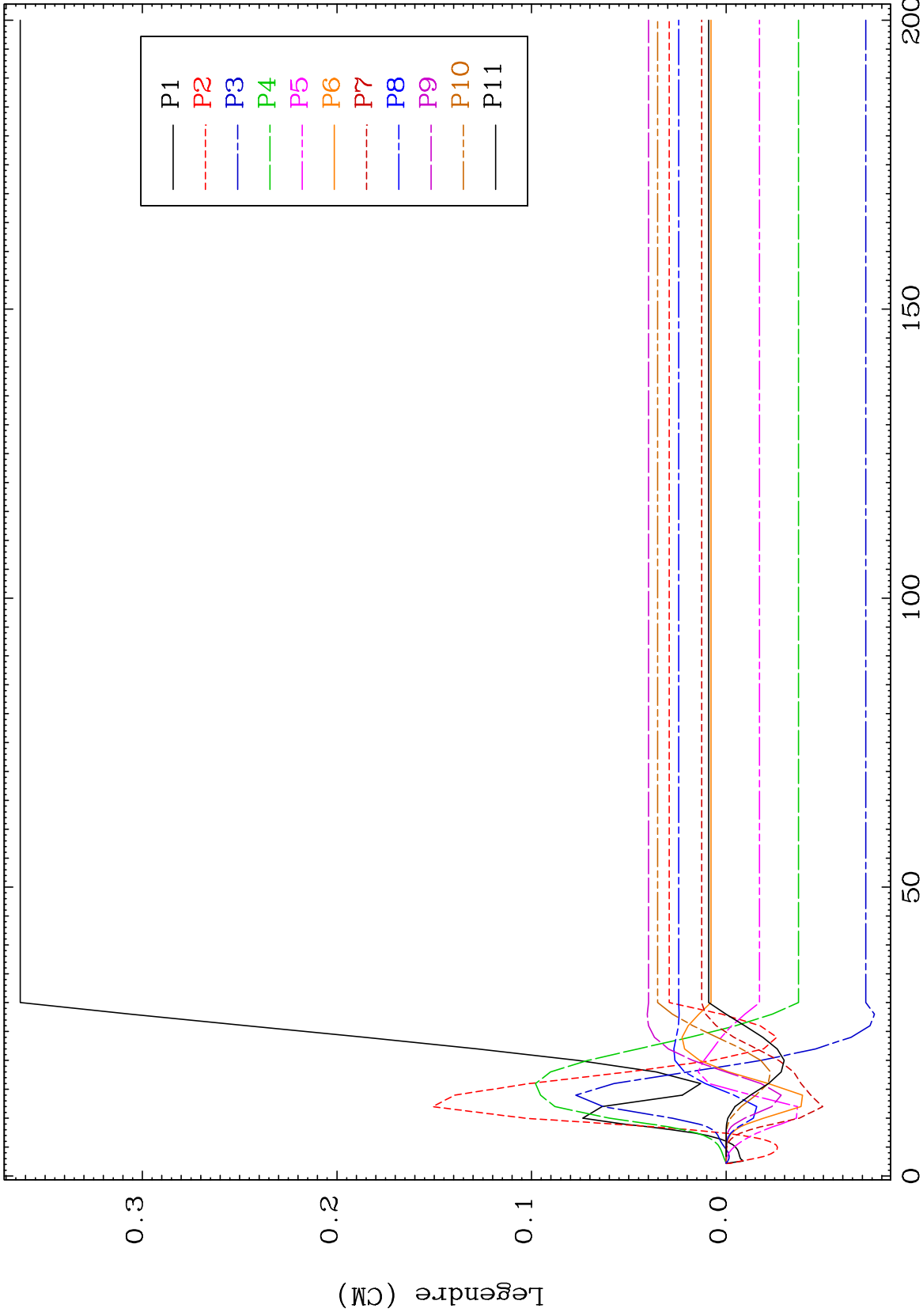


89 Incident Energy (MeV) 23-V -48

MAT 2319

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

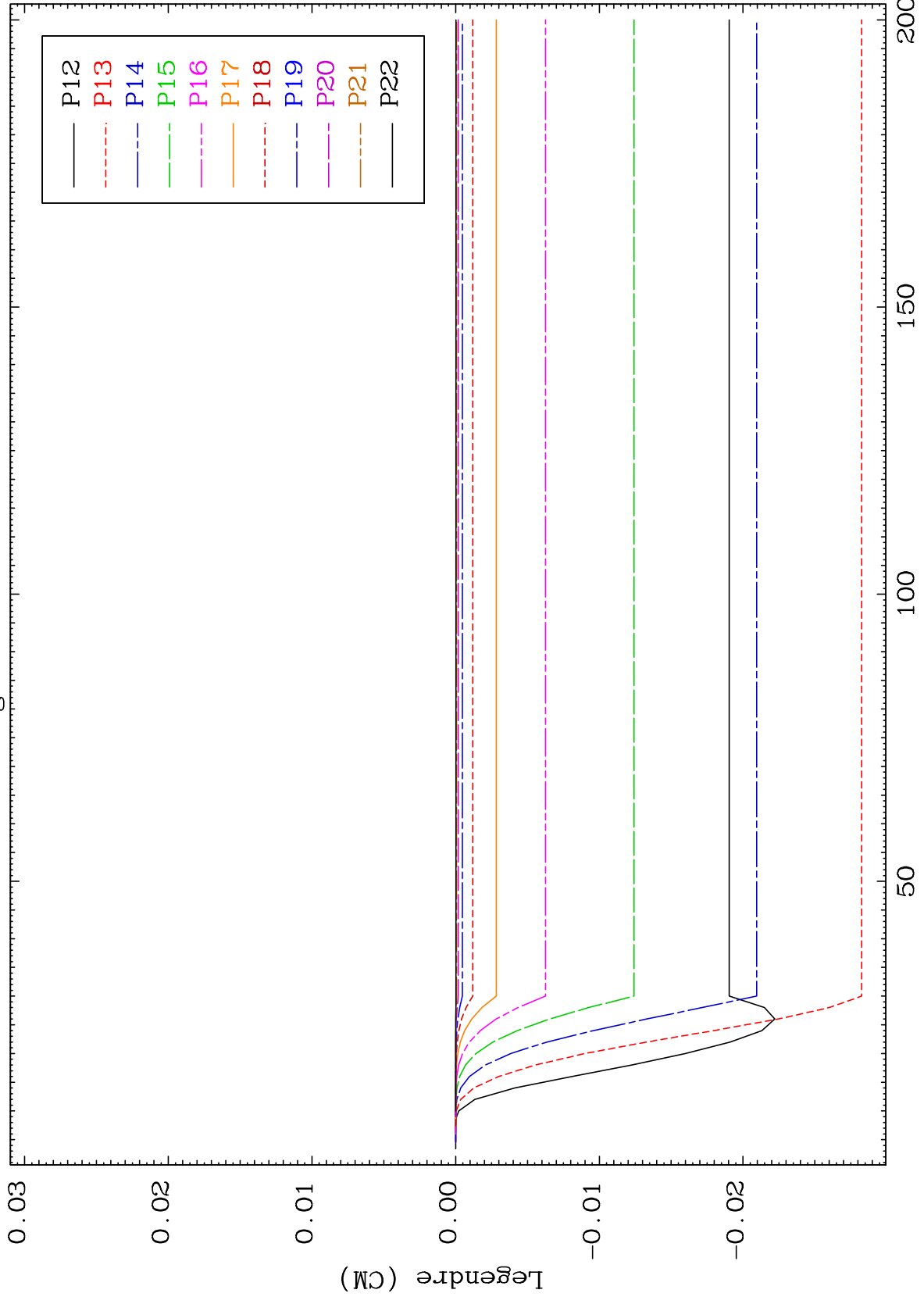
23-V -48



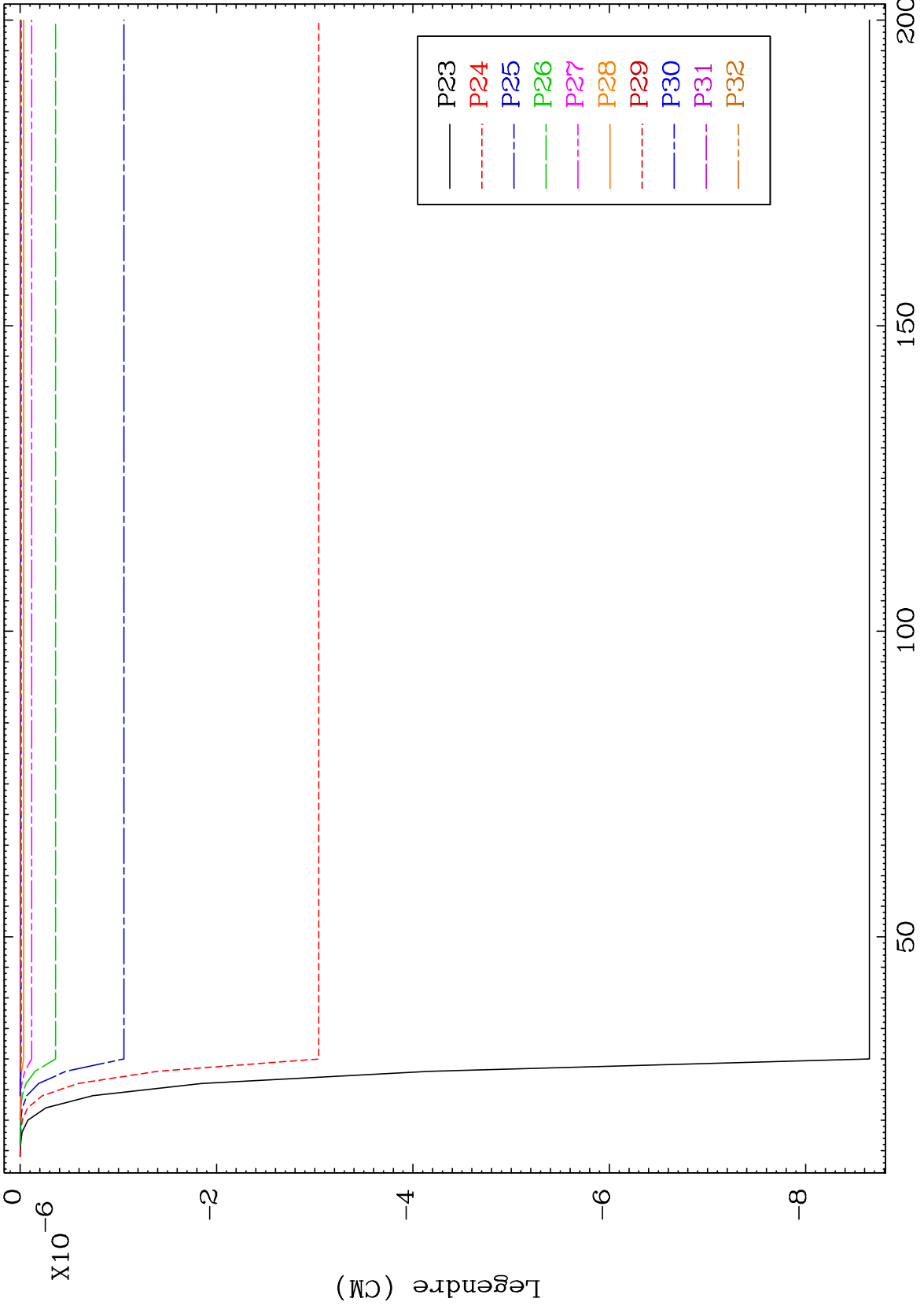
90

Incident Energy (MeV)

23-V -48



MAT 2319 MT= 76 (n,n') Level Legendre Coefficients 23-V -48

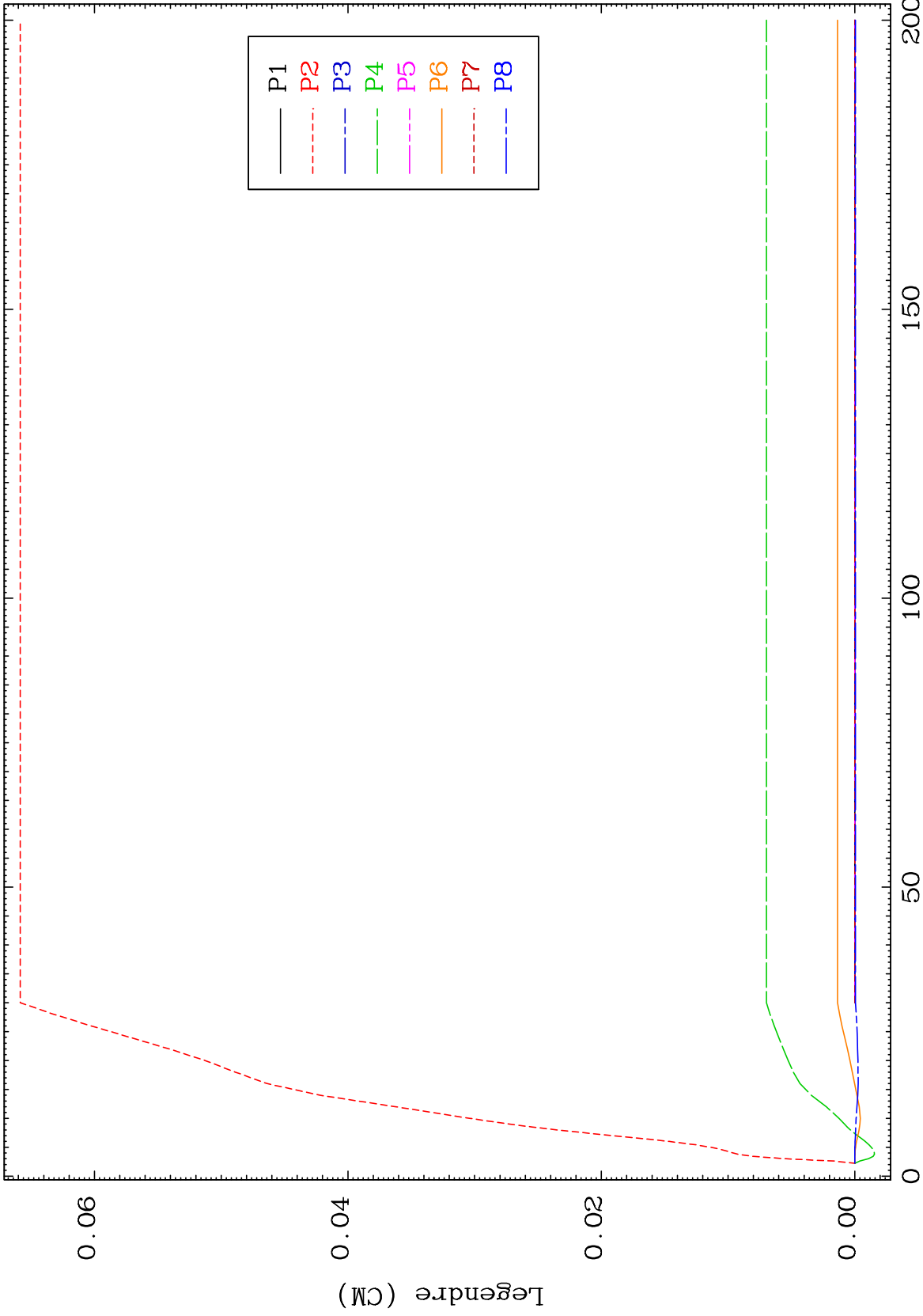


92 Incident Energy (MeV) 23-V -48

MAT 2319

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

23-V -48



93

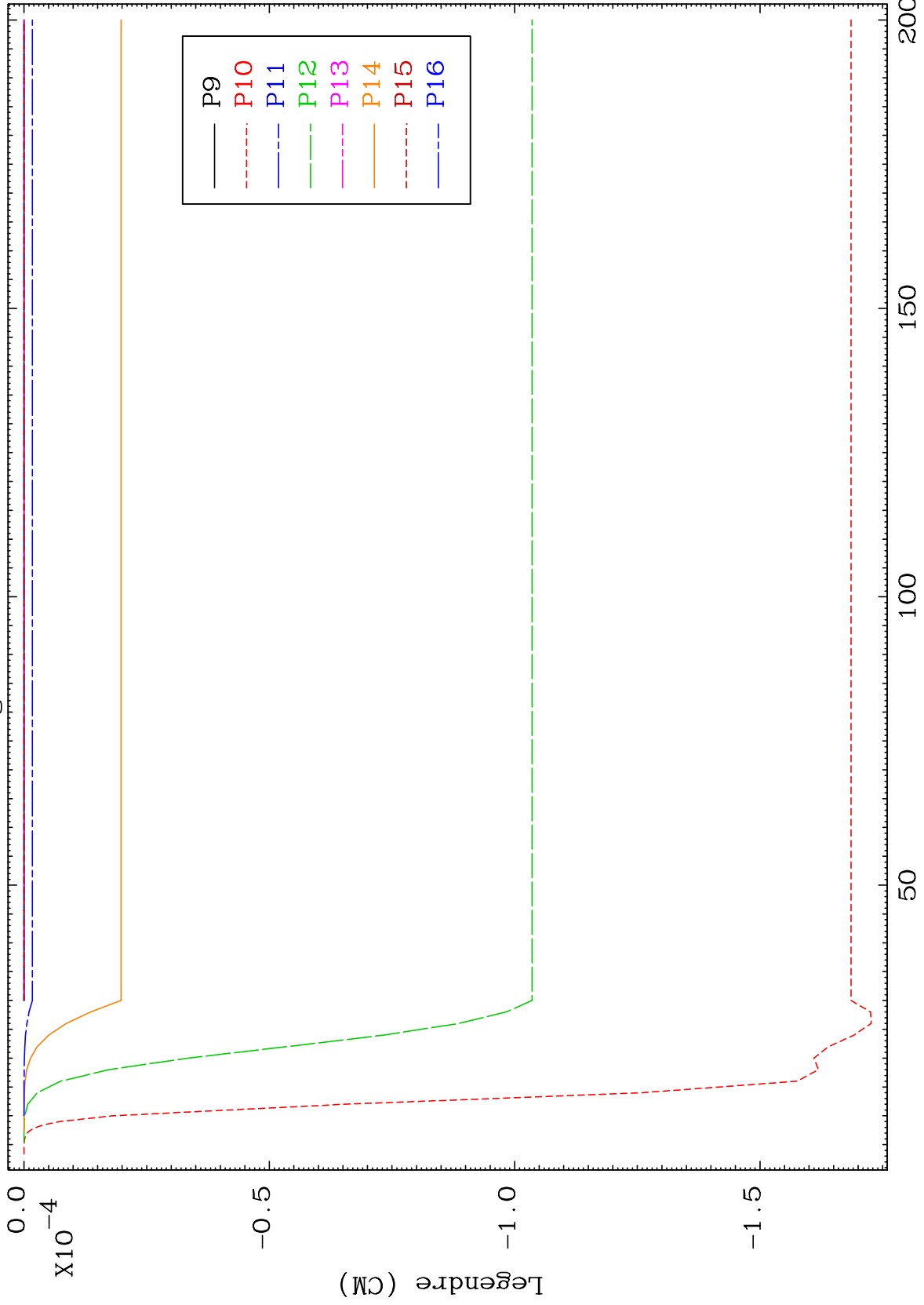
Incident Energy (MeV)

23-V -48

MAT 2319

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

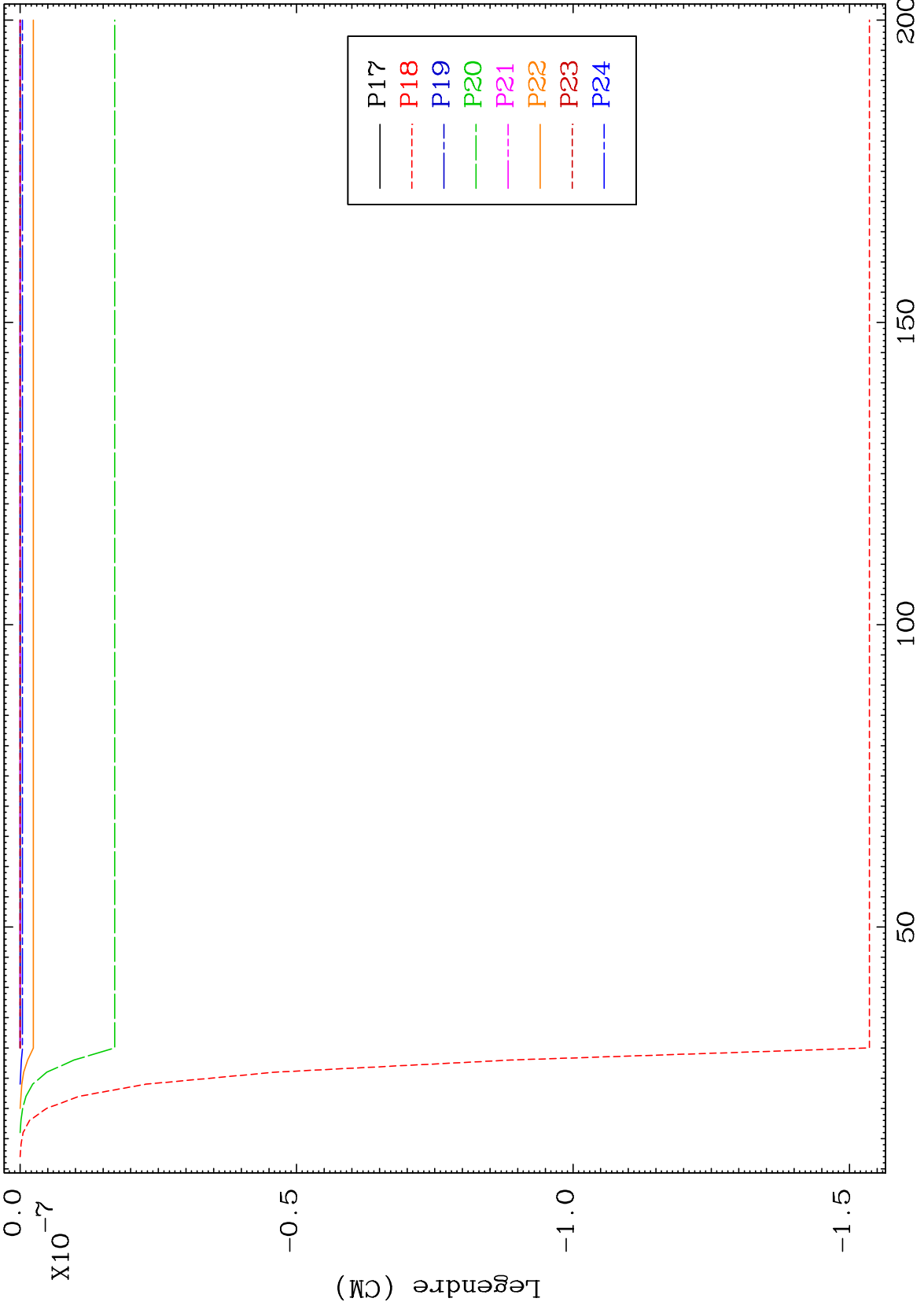
23-V -48



94

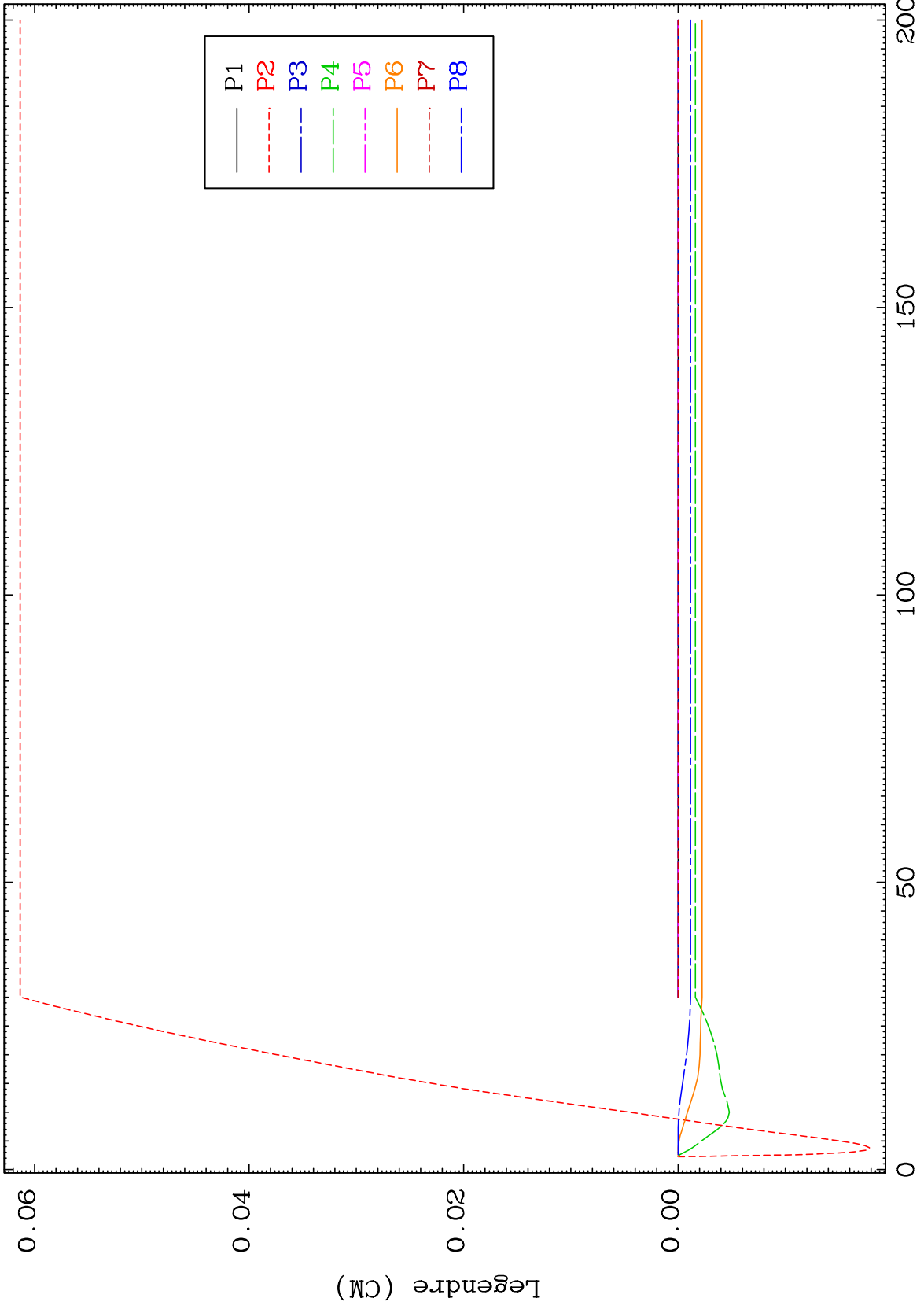
23-V -48

MAT 2319 MT= 77 (n,n') Level Legendre Coefficients 23-V -48



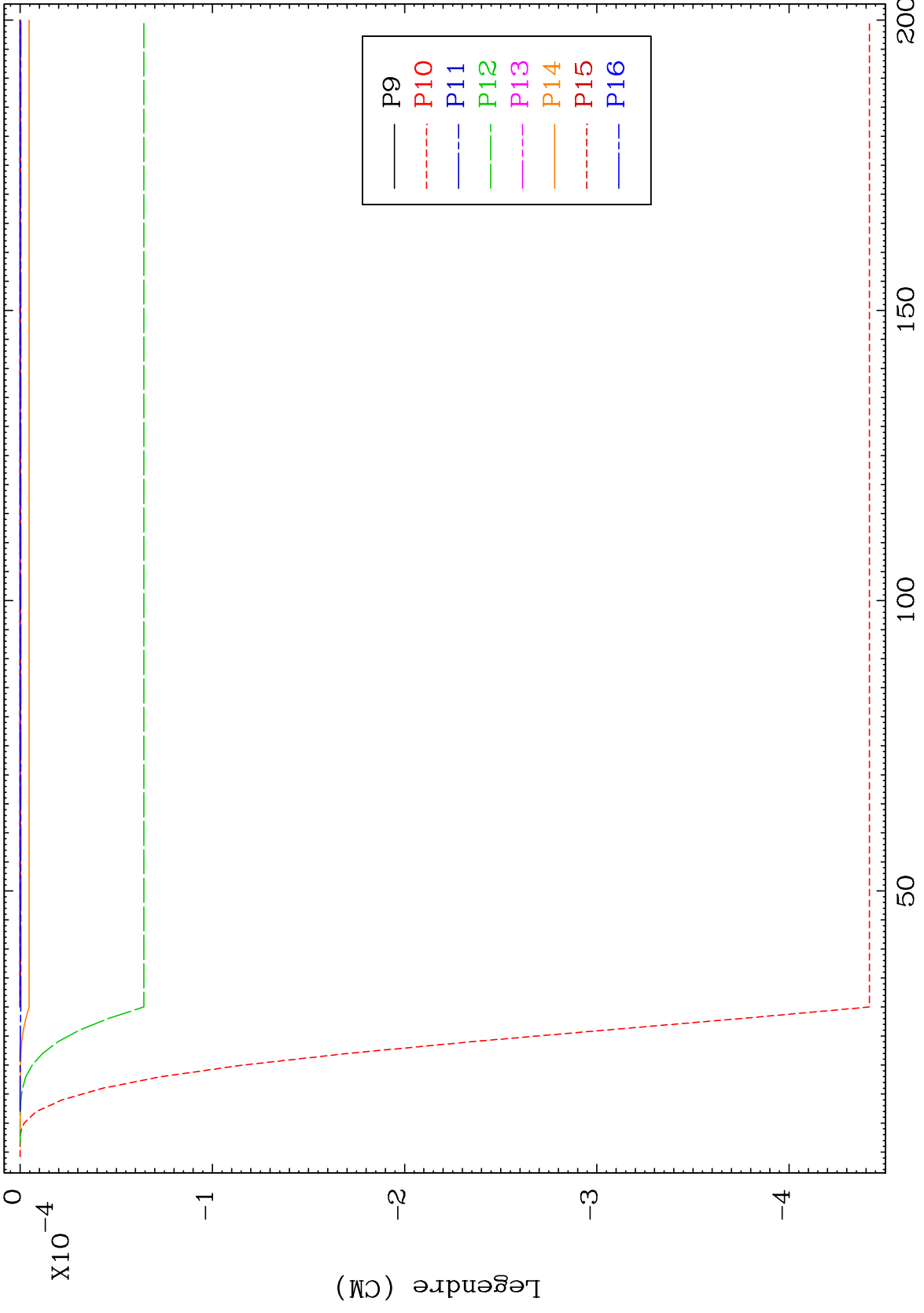
95 50 100 150 200 23-V -48

MAT 2319 MT= 78 (n,n') Level Legendre Coefficients 23-V -48



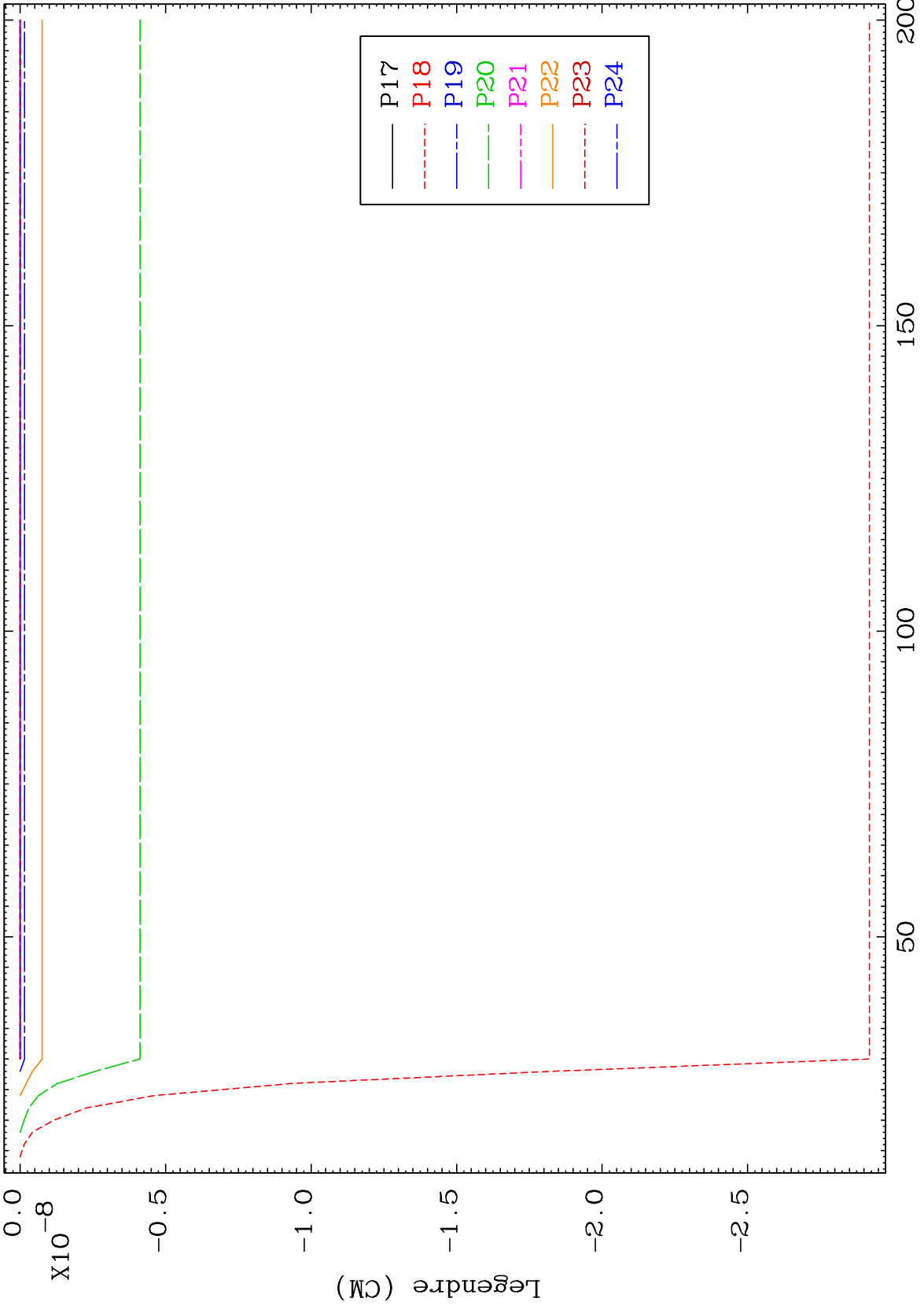
96 Incident Energy (MeV) 23-V -48

MAT 2319 MT= 78 (n,n') Level Legendre Coefficients 23-V -48



97 23-V -48

MAT 2319 MT= 78 (n,n') Level Legendre Coefficients 23-V -48

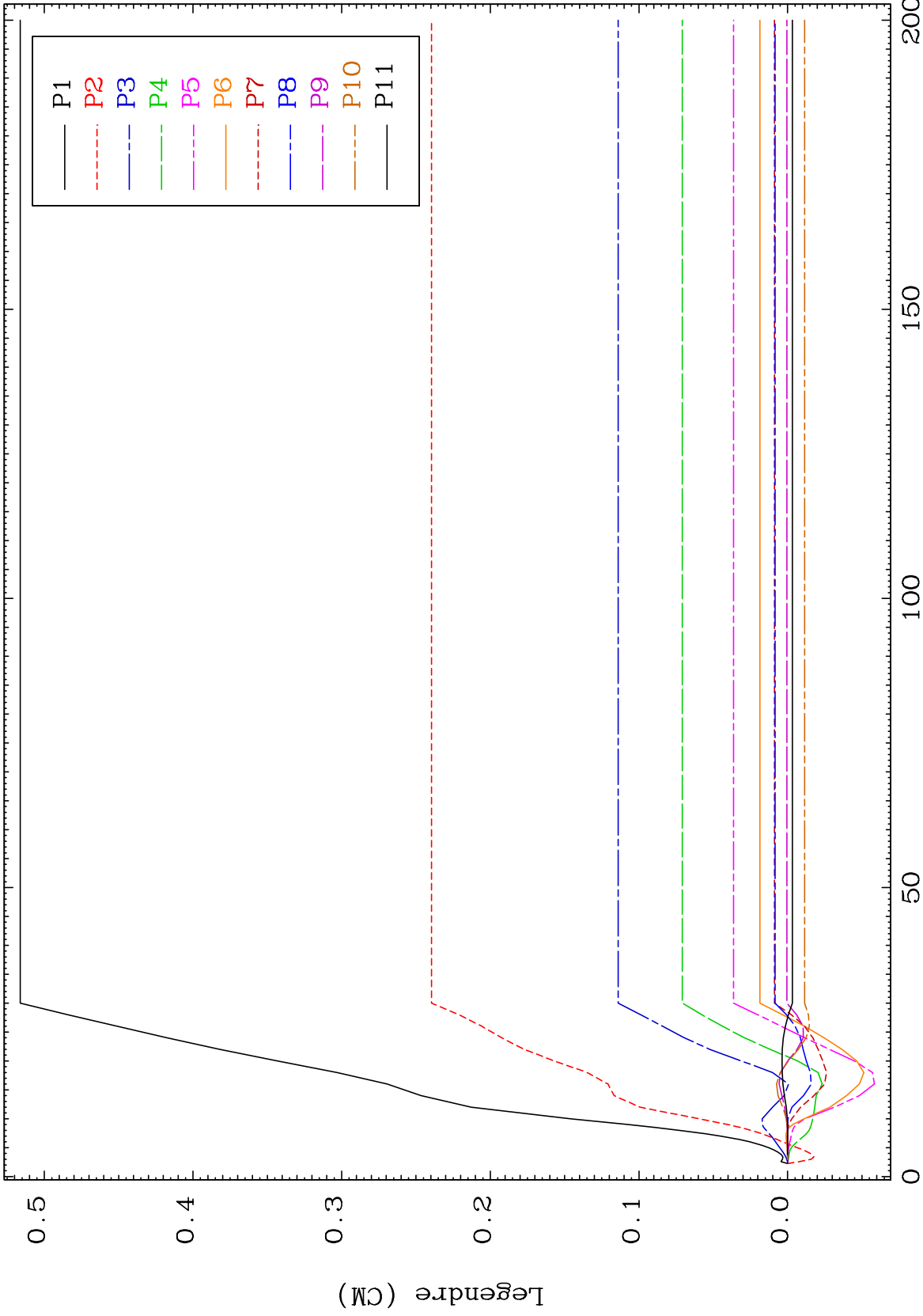


98 23-V -48

MAT 2319

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

23-V -48



99

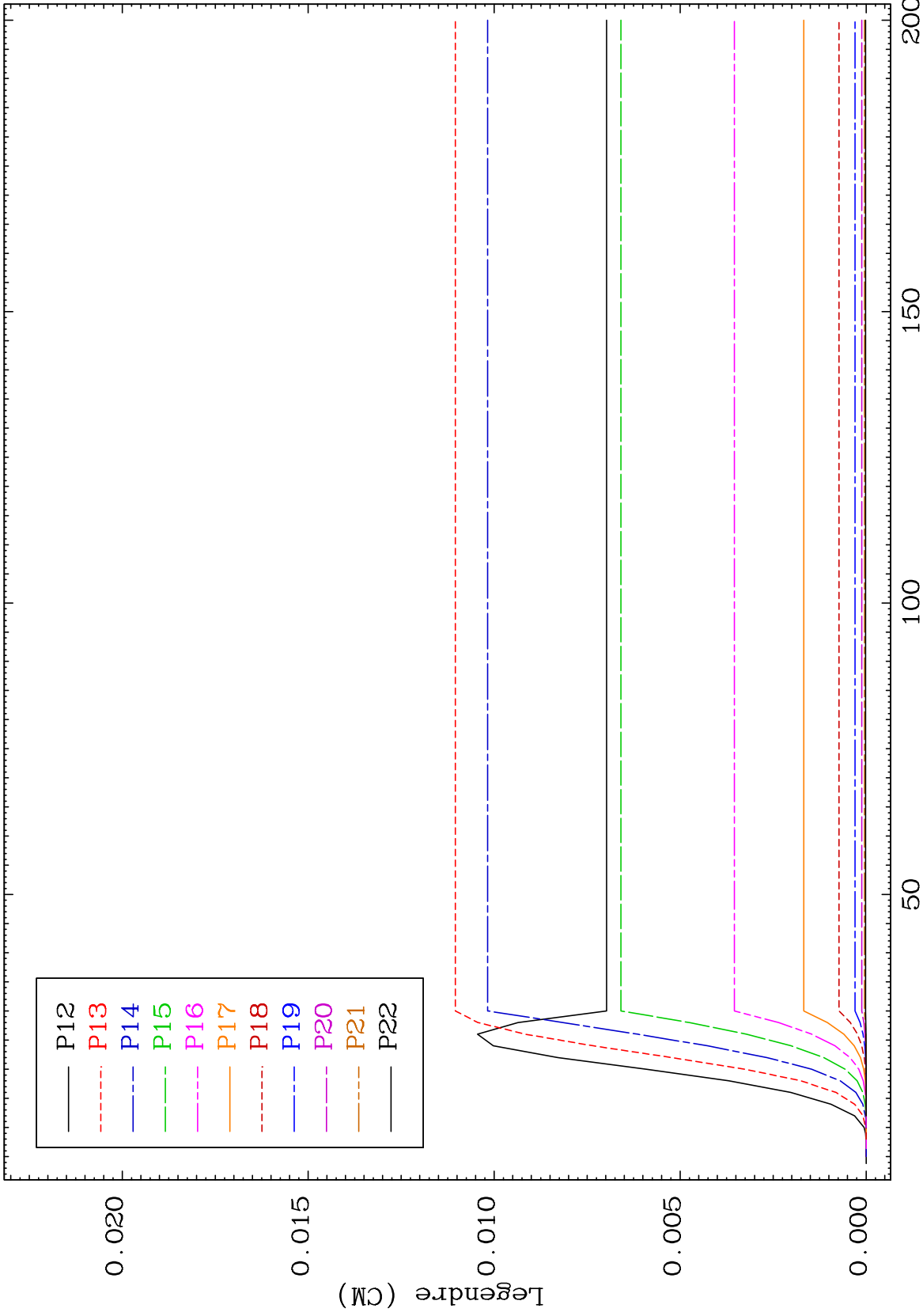
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



100

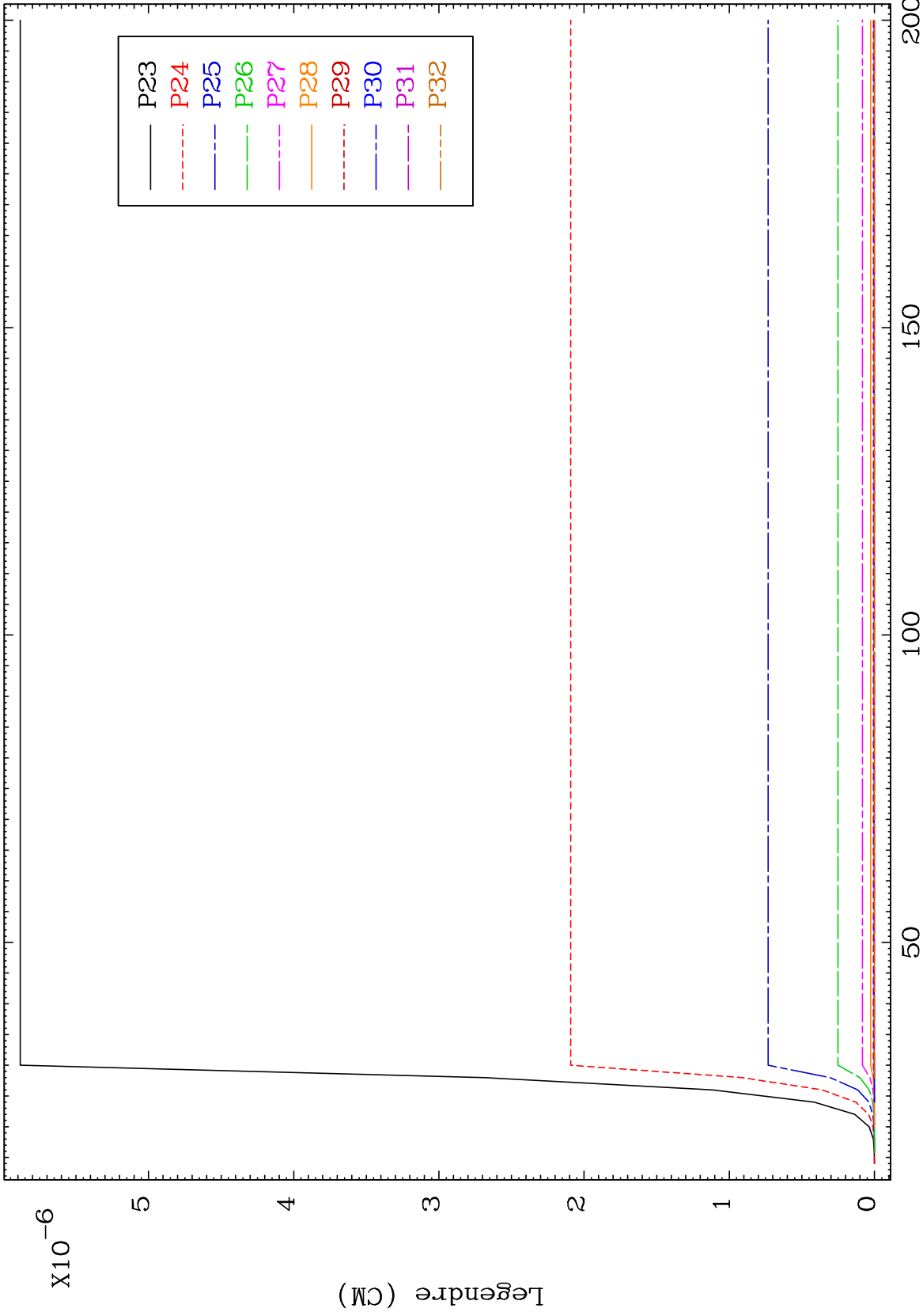
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48

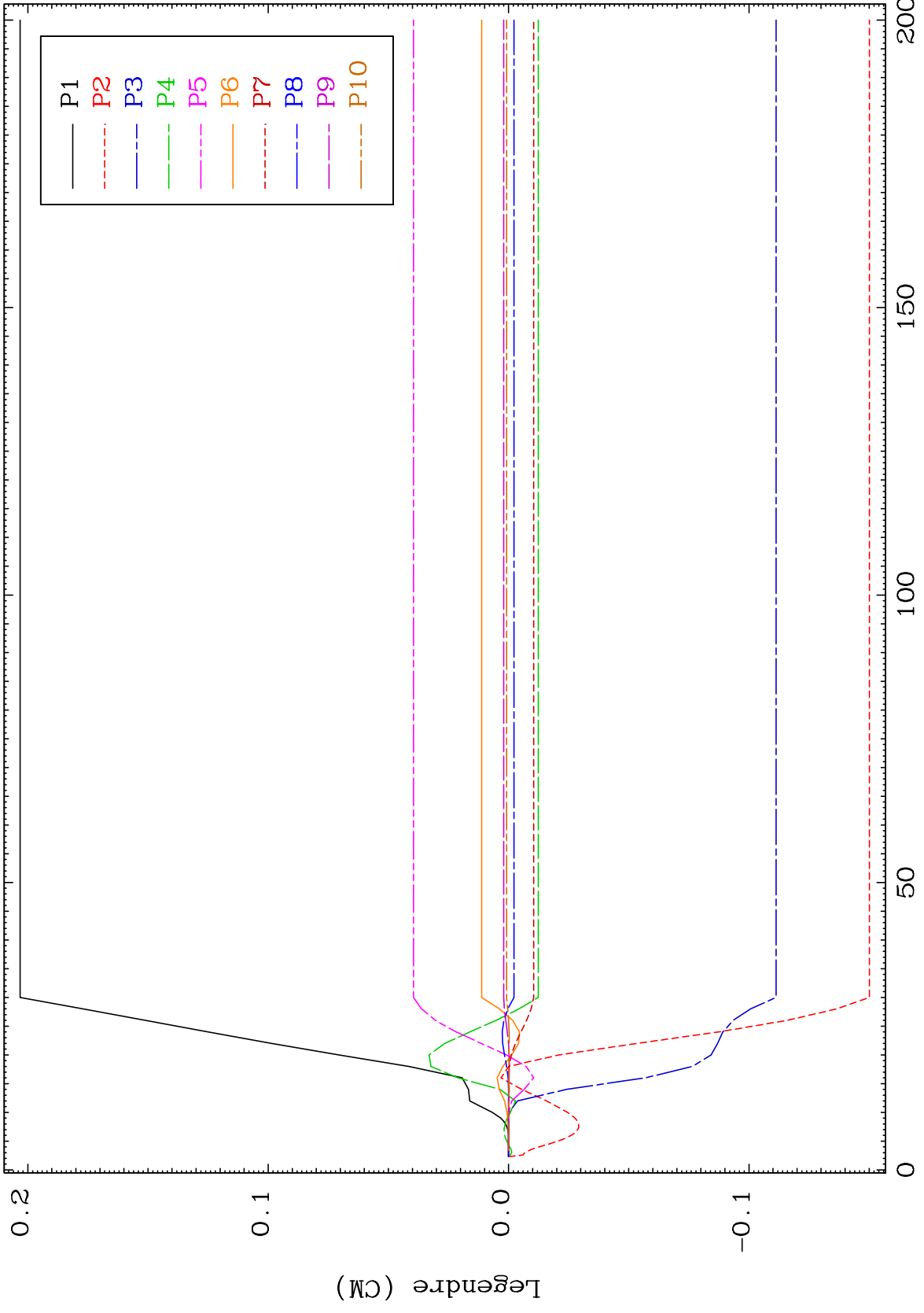


101

Incident Energy (MeV)

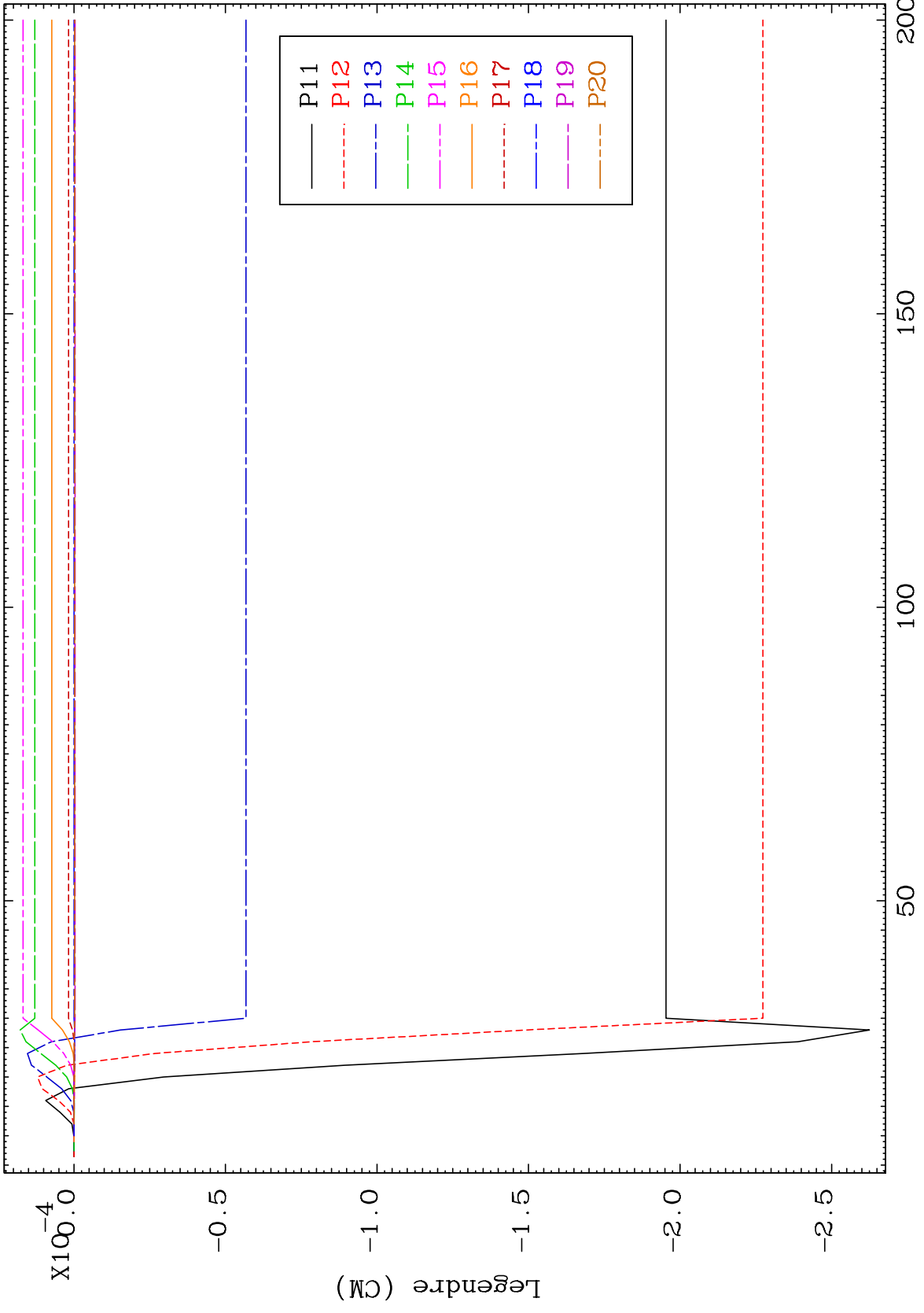
23-V -48

MAT 2319 MT= 80 (n,n') Level Legendre Coefficients 23-V -48



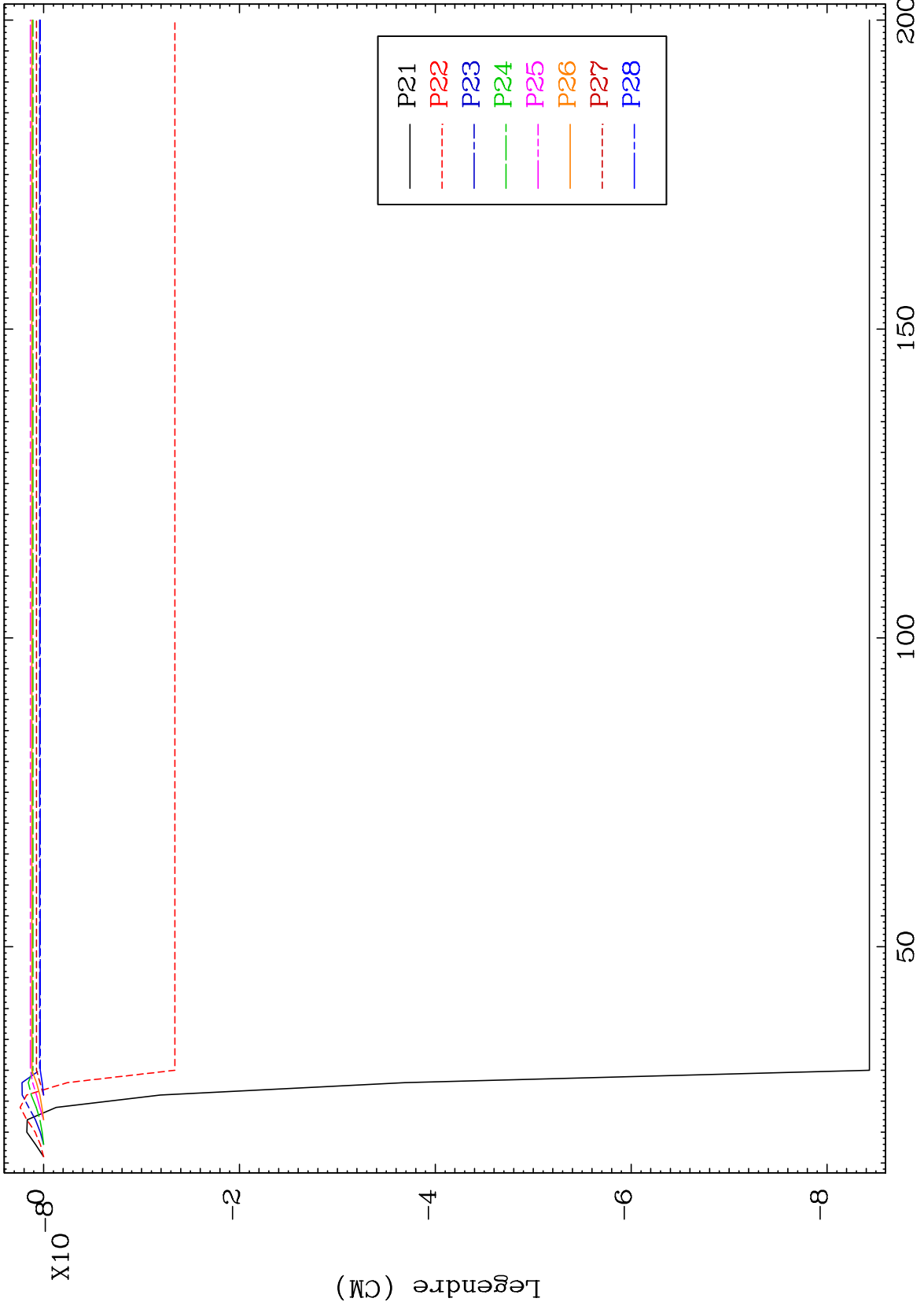
102 23-V -48

MAT 2319 MT= 80 (n,n') Level Legendre Coefficients 23-V -48



103 23-V -48

MAT 2319 MT= 80 (n,n') Level Legendre Coefficients 23-V -48



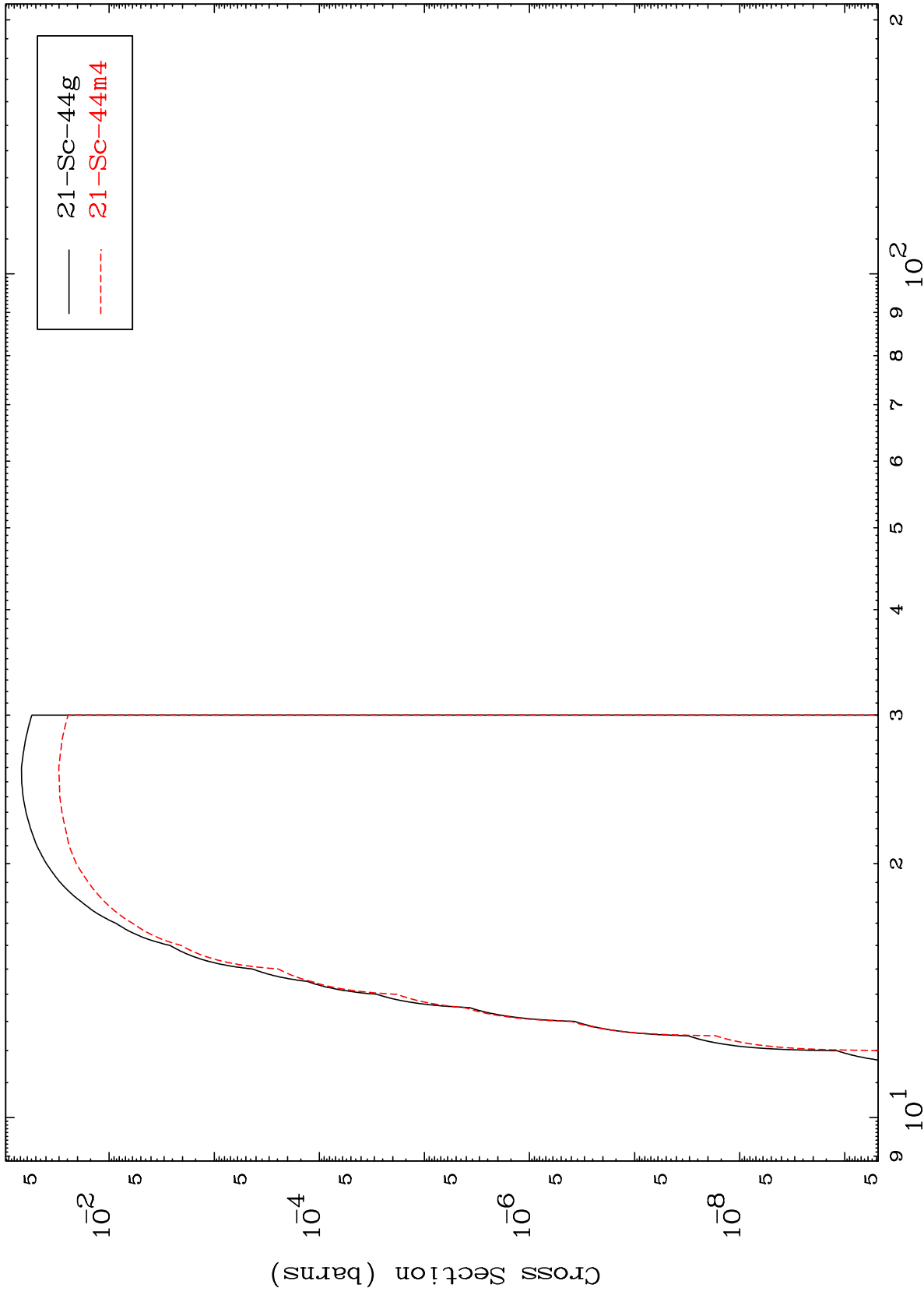
104 23-V -48

MAT 2319

(n,n') α

23-V -48

Radionuclide Production Cross Section



105

Incident Energy (MeV)

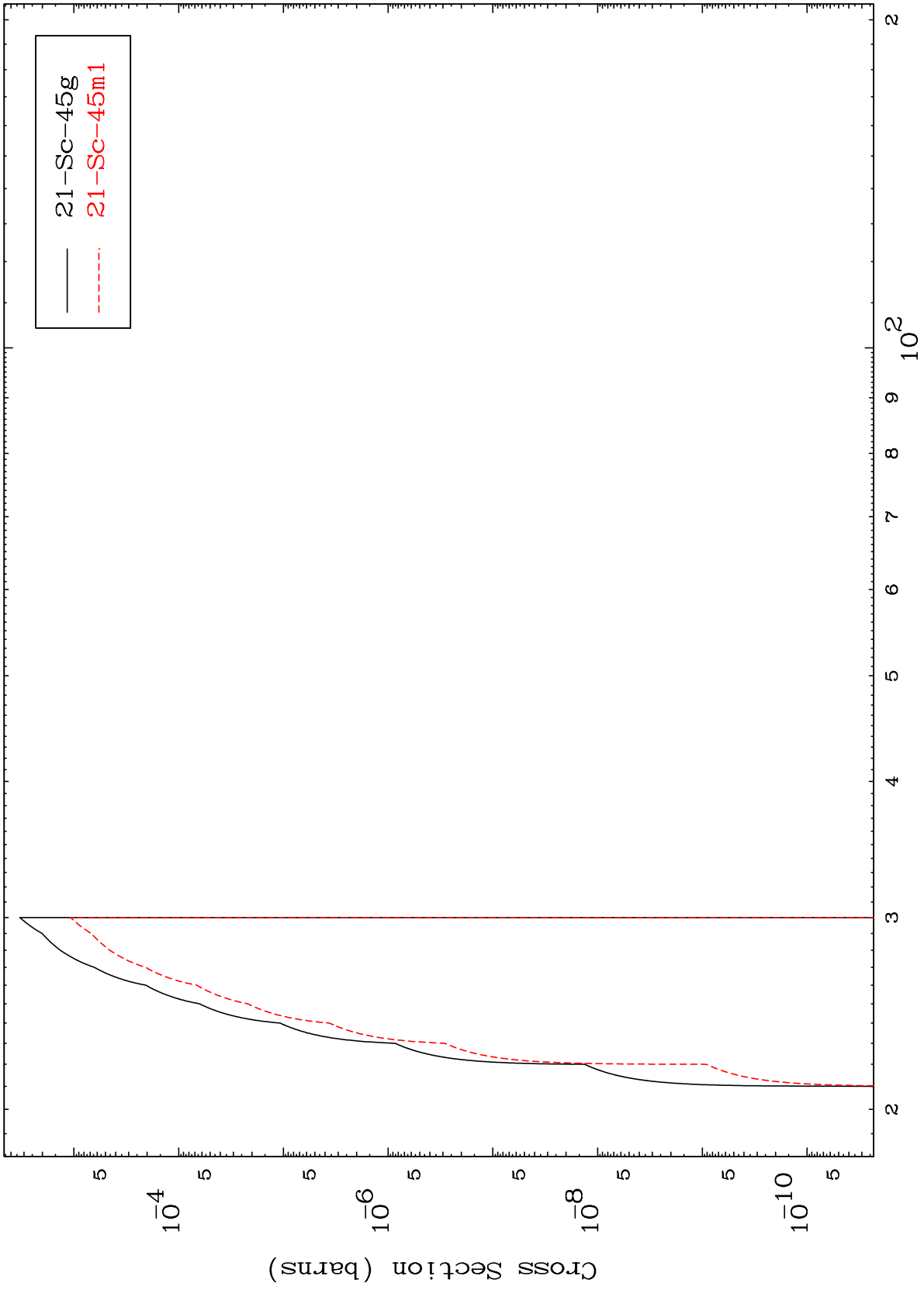
23-V -48

MAT 2319

(n, n') He-3

23-V -48

Radionuclide Production Cross Section



106

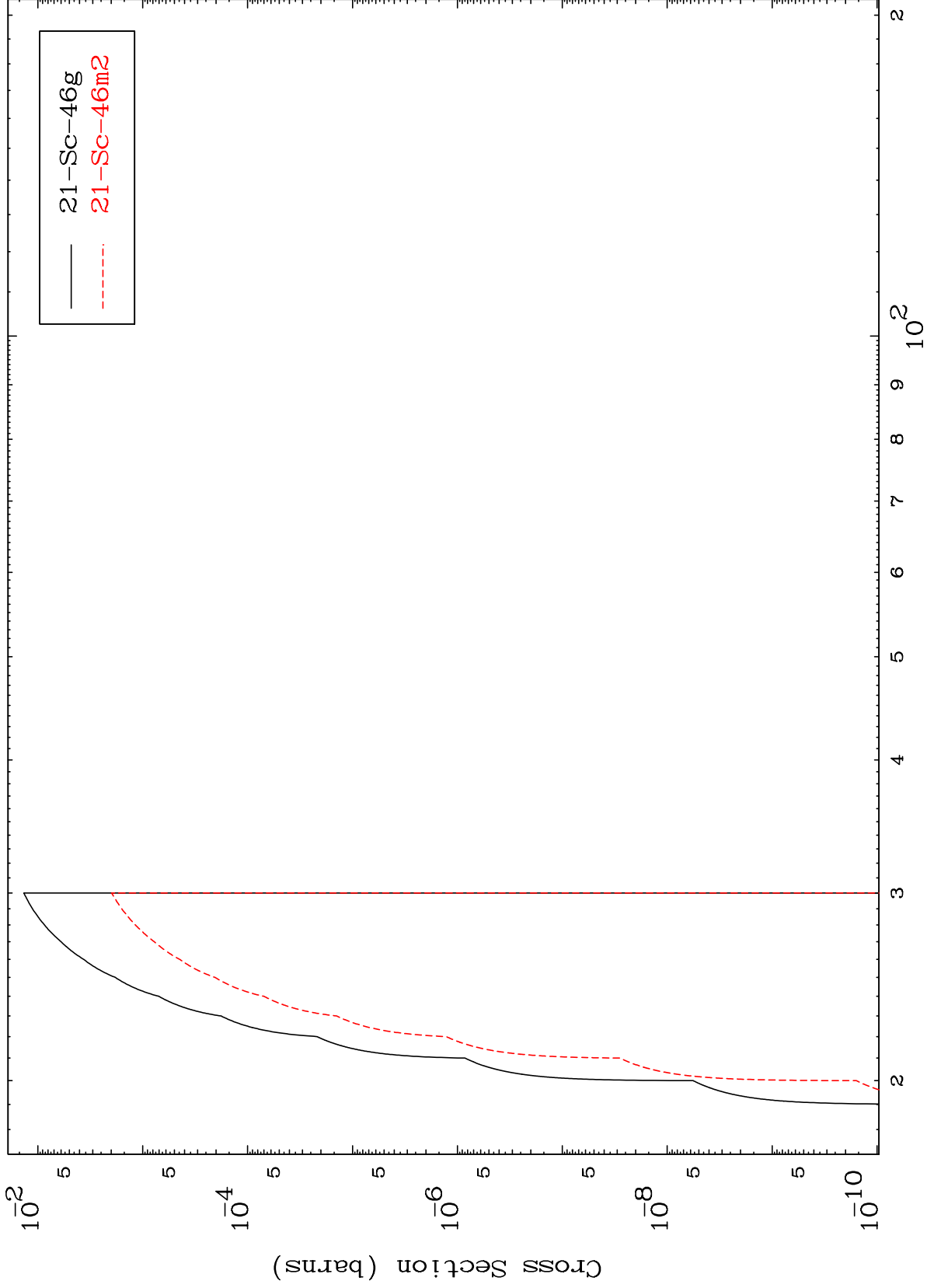
Incident Energy (MeV)

23-V -48

MAT 2319

23-V -48

(n,2n) p
Radionuclide Production Cross Section



107

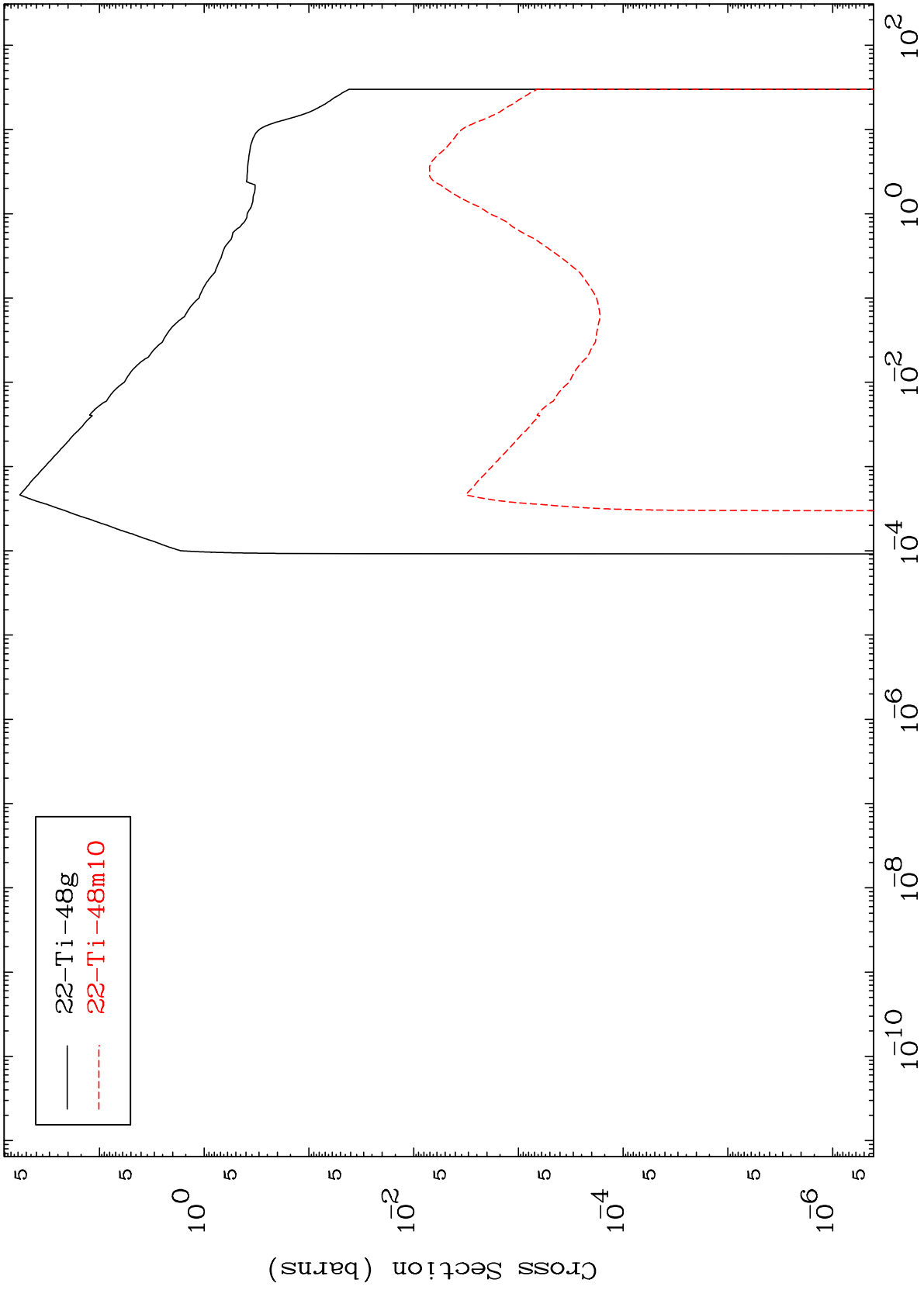
Incident Energy (MeV)

23-V -48

MAT 2319

23-V -48

(n,p)
Radionuclide Production Cross Section



— $^{22}\text{-Ti-48g}$
- - - $^{22}\text{-Ti-48m10}$

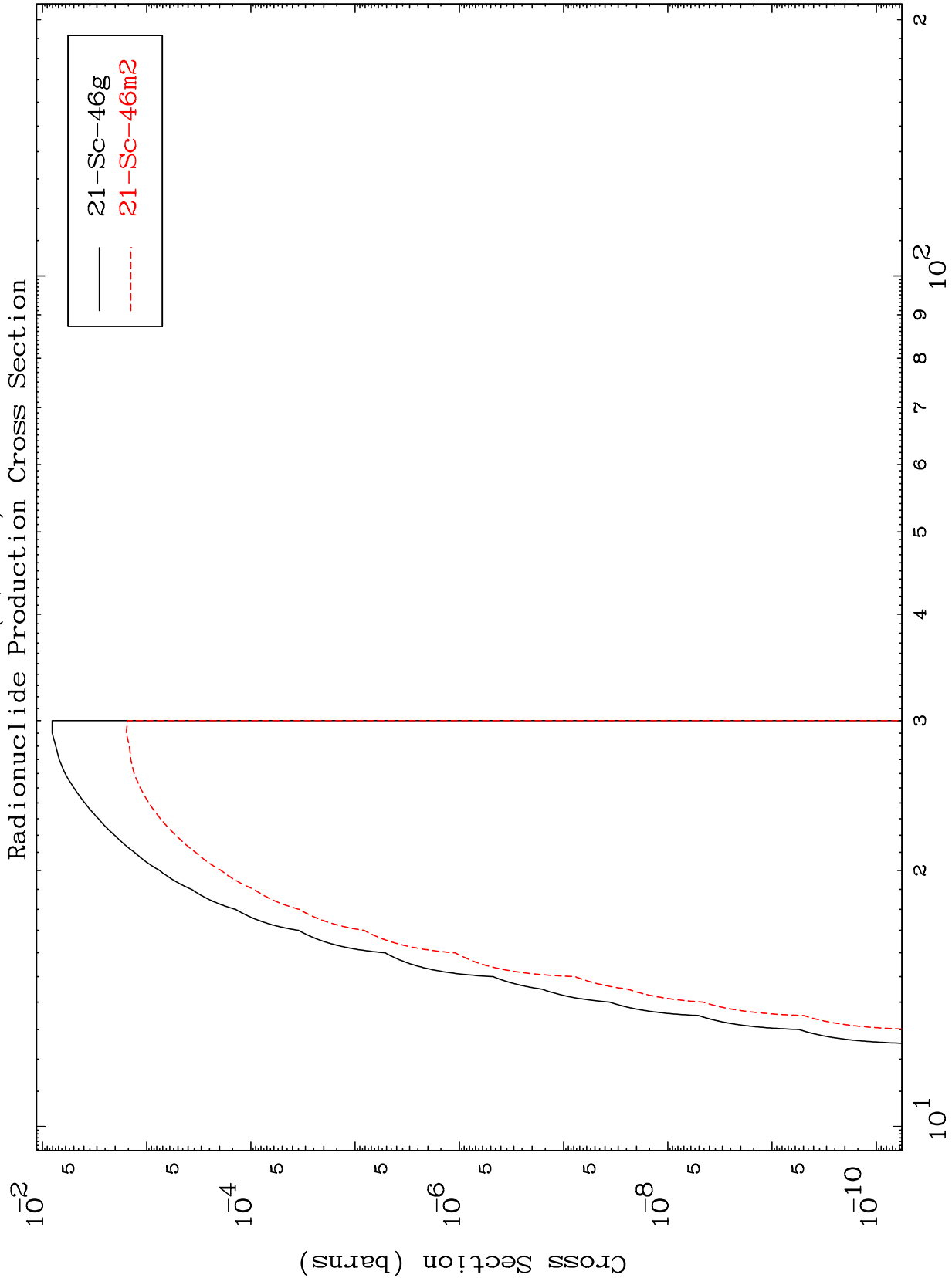
108

23-V -48

MAT 2319

(n, He-3)

23-V -48



23-V -48

Incident Energy (MeV)

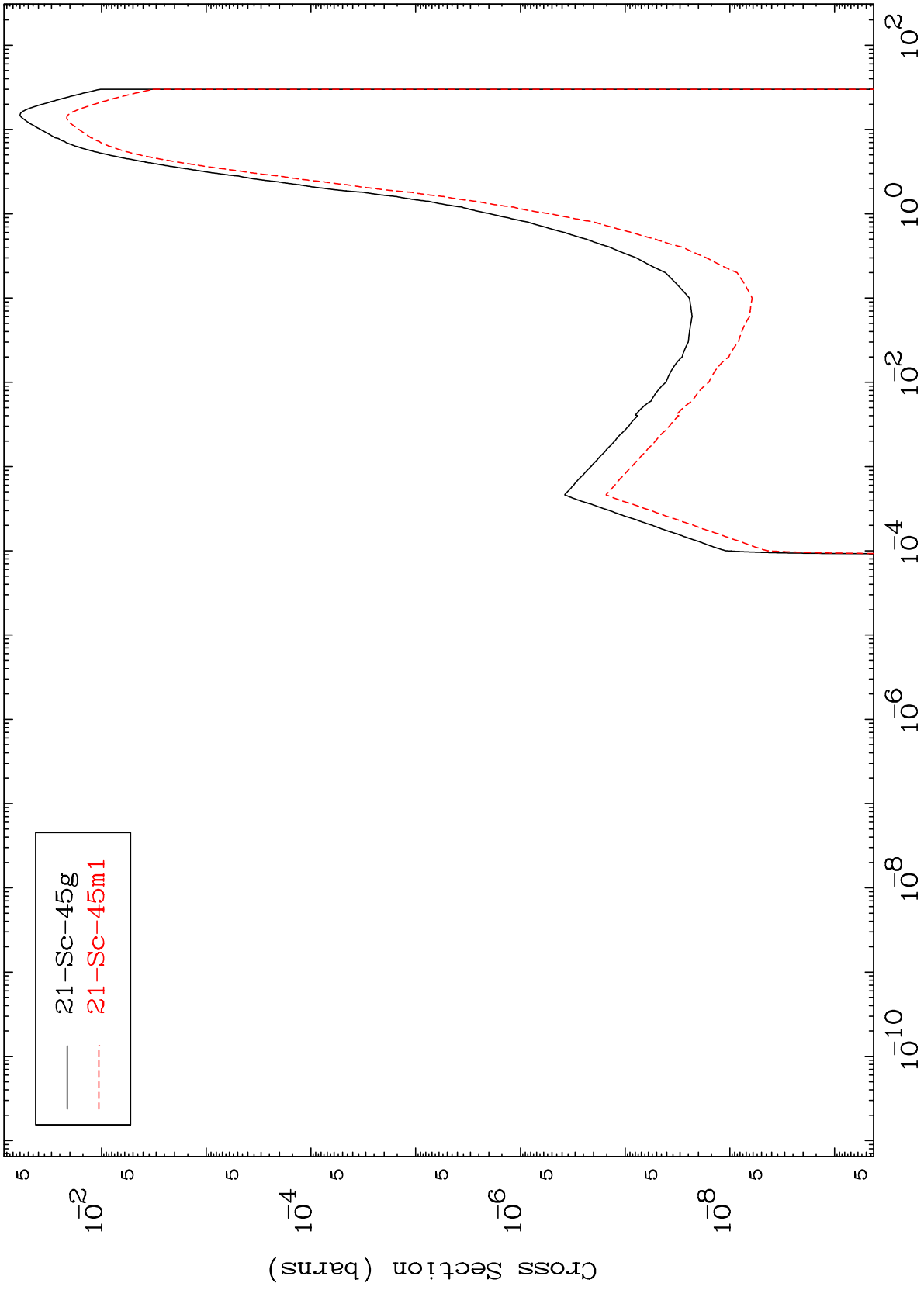
109

MAT 2319

(n,α)

23-V -48

Radionuclide Production Cross Section

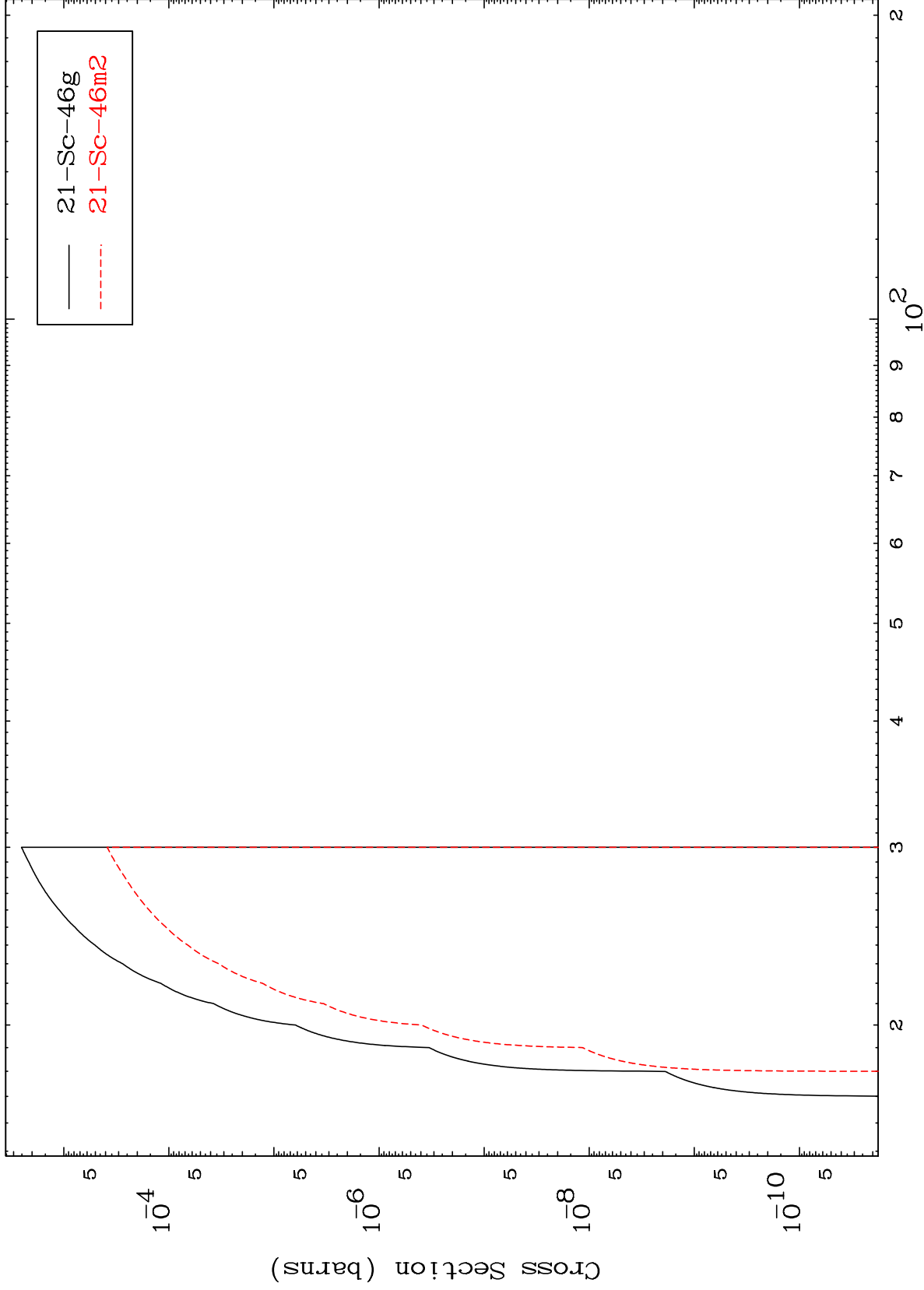


110

Incident Energy (MeV)

23-V -48

Radionuclide Production Cross Section

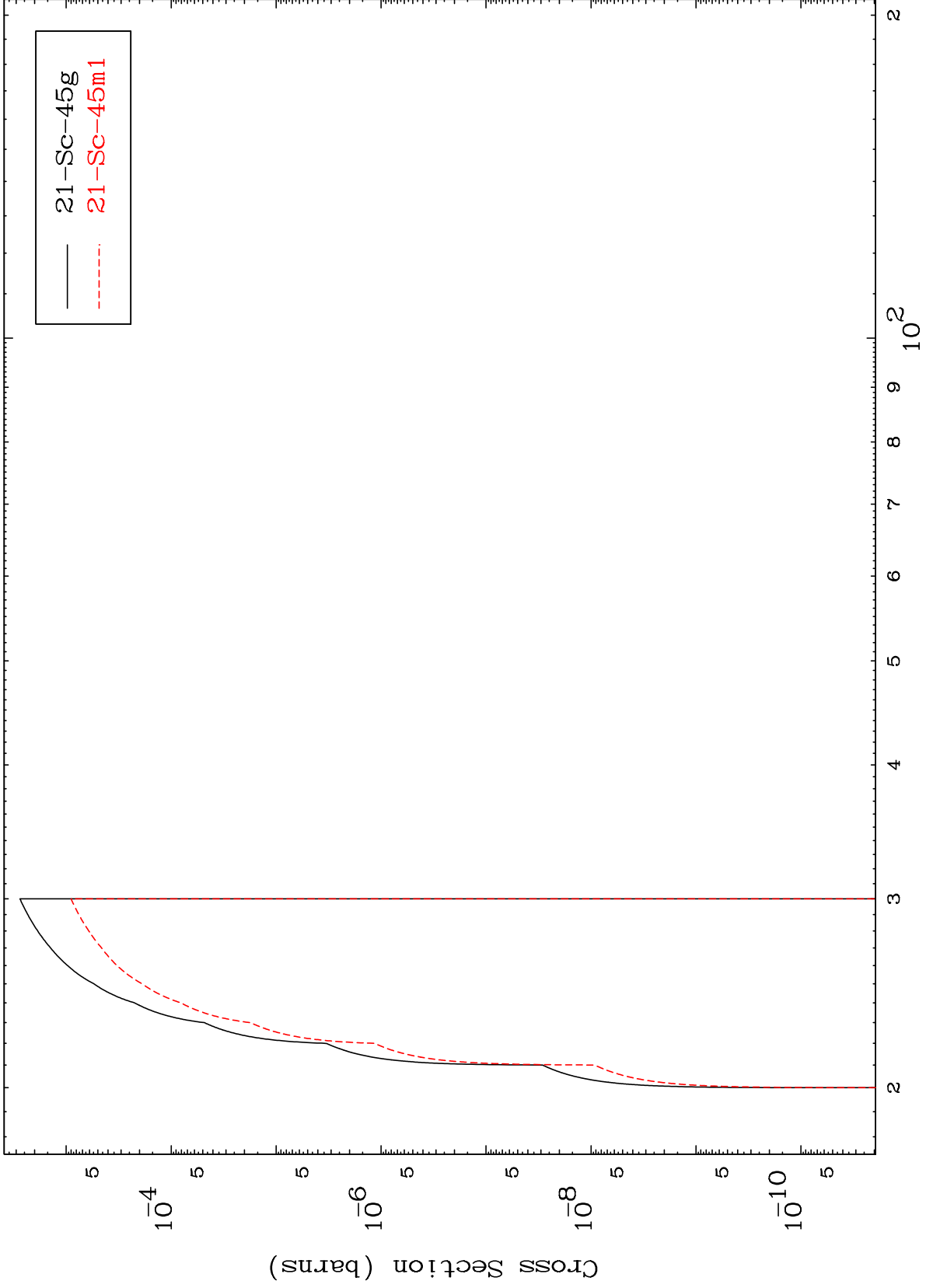


MAT 2319

(n,p) t

23-V -48

Radionuclide Production Cross Section



112

Incident Energy (MeV)

23-V -48