

Program EVALPLOT
(Version 2018-1)

by

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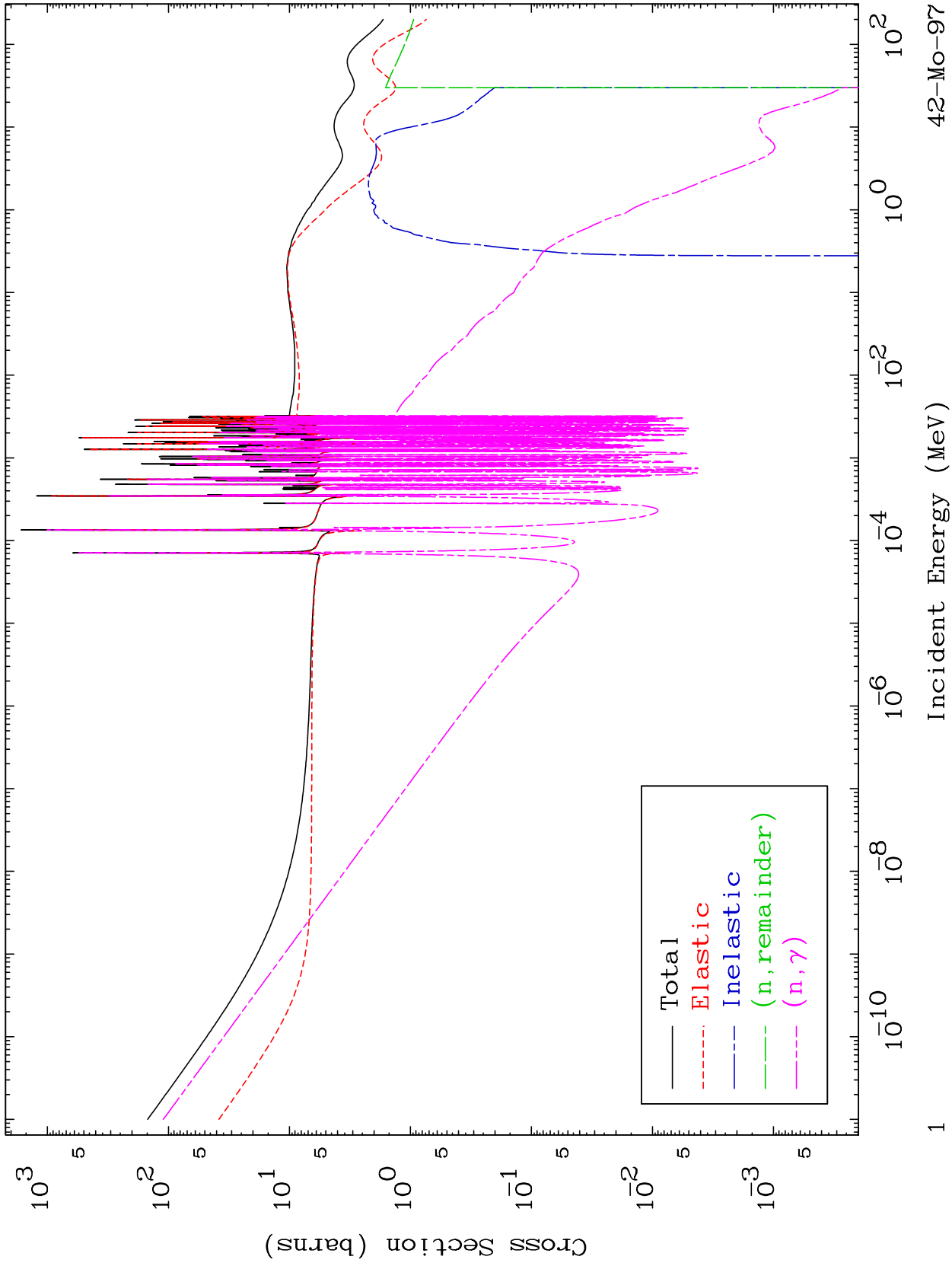
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Web:redcullen1.net/HOMEPAGE.NEW

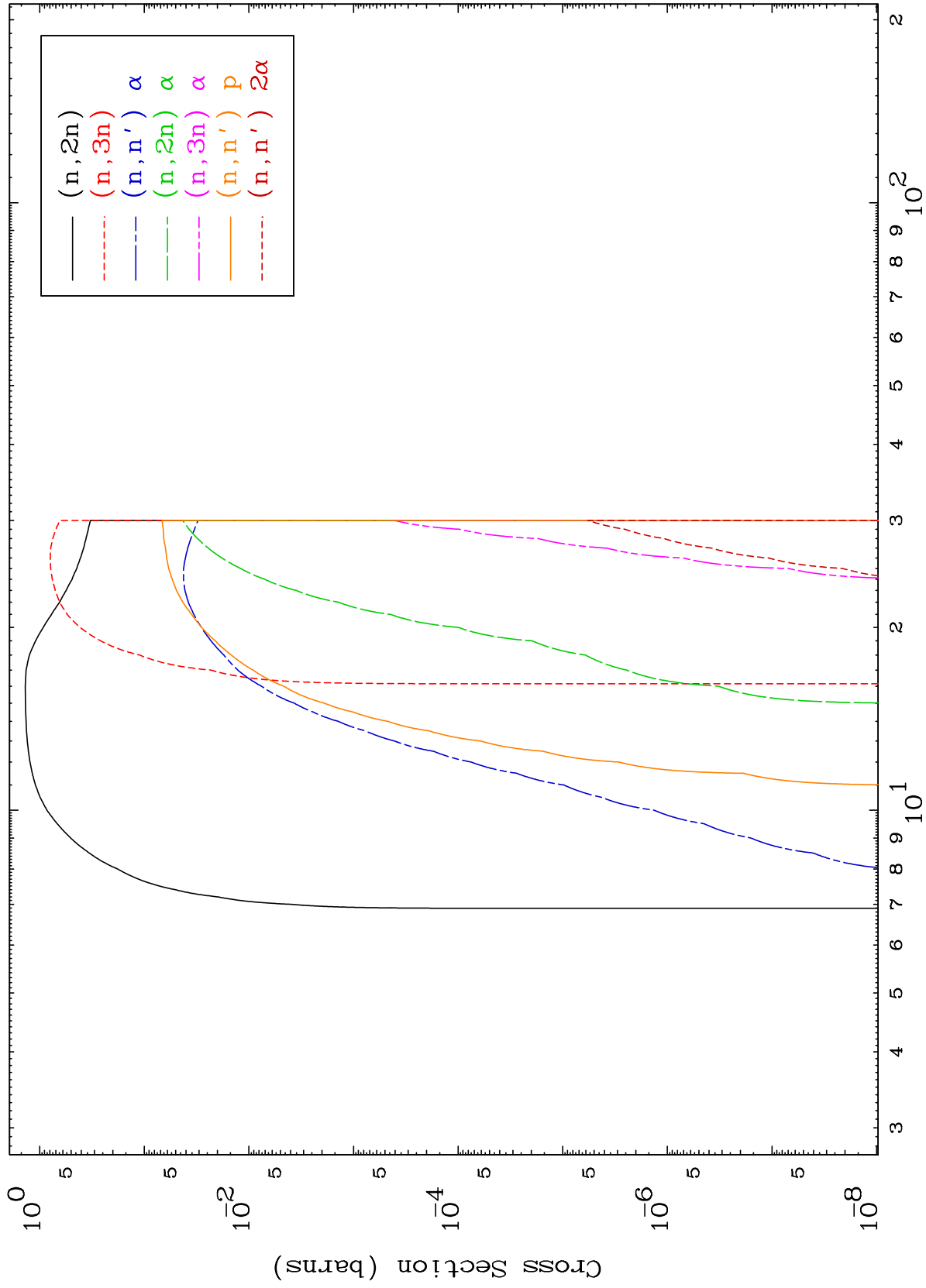
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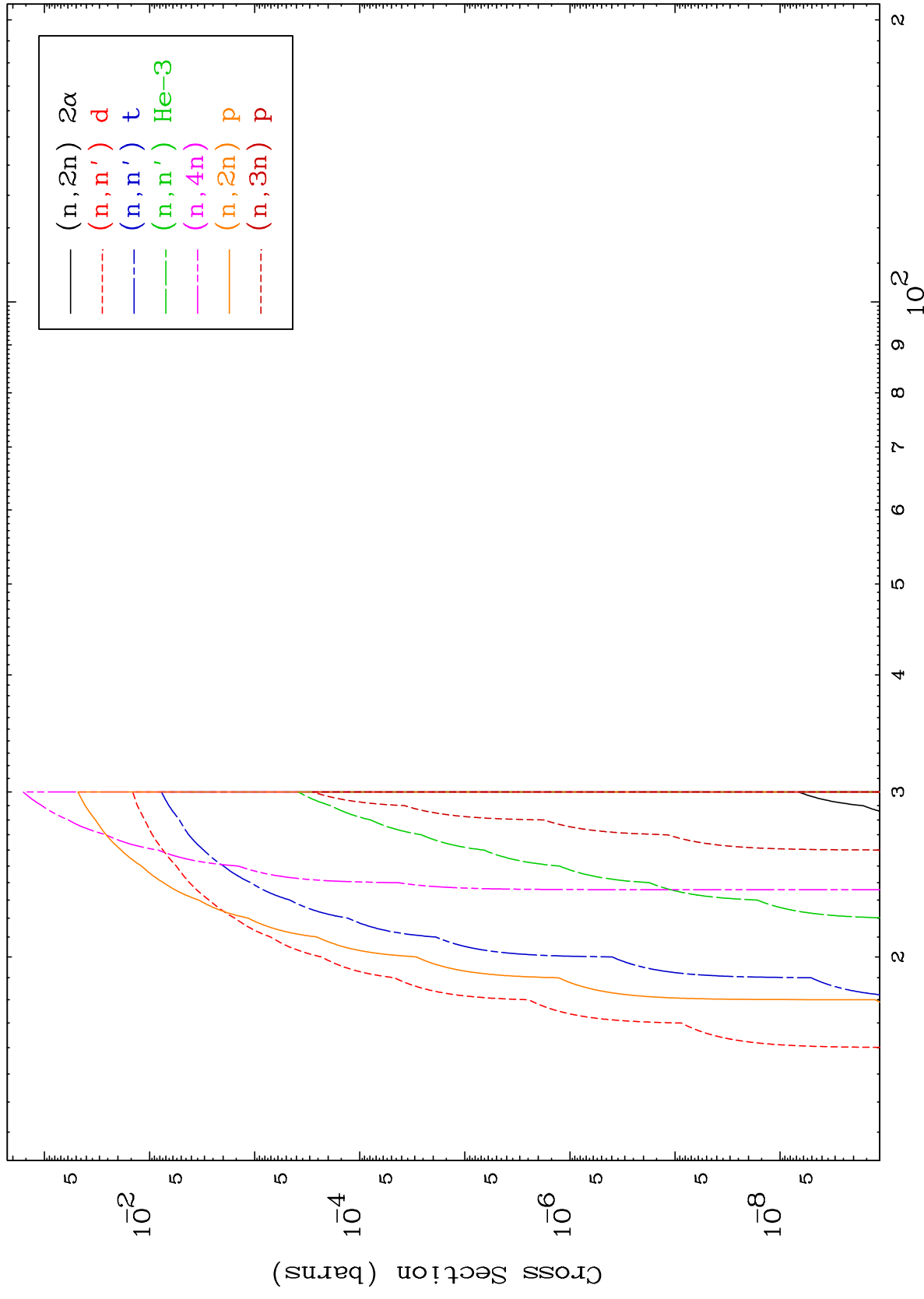
MAT 4240

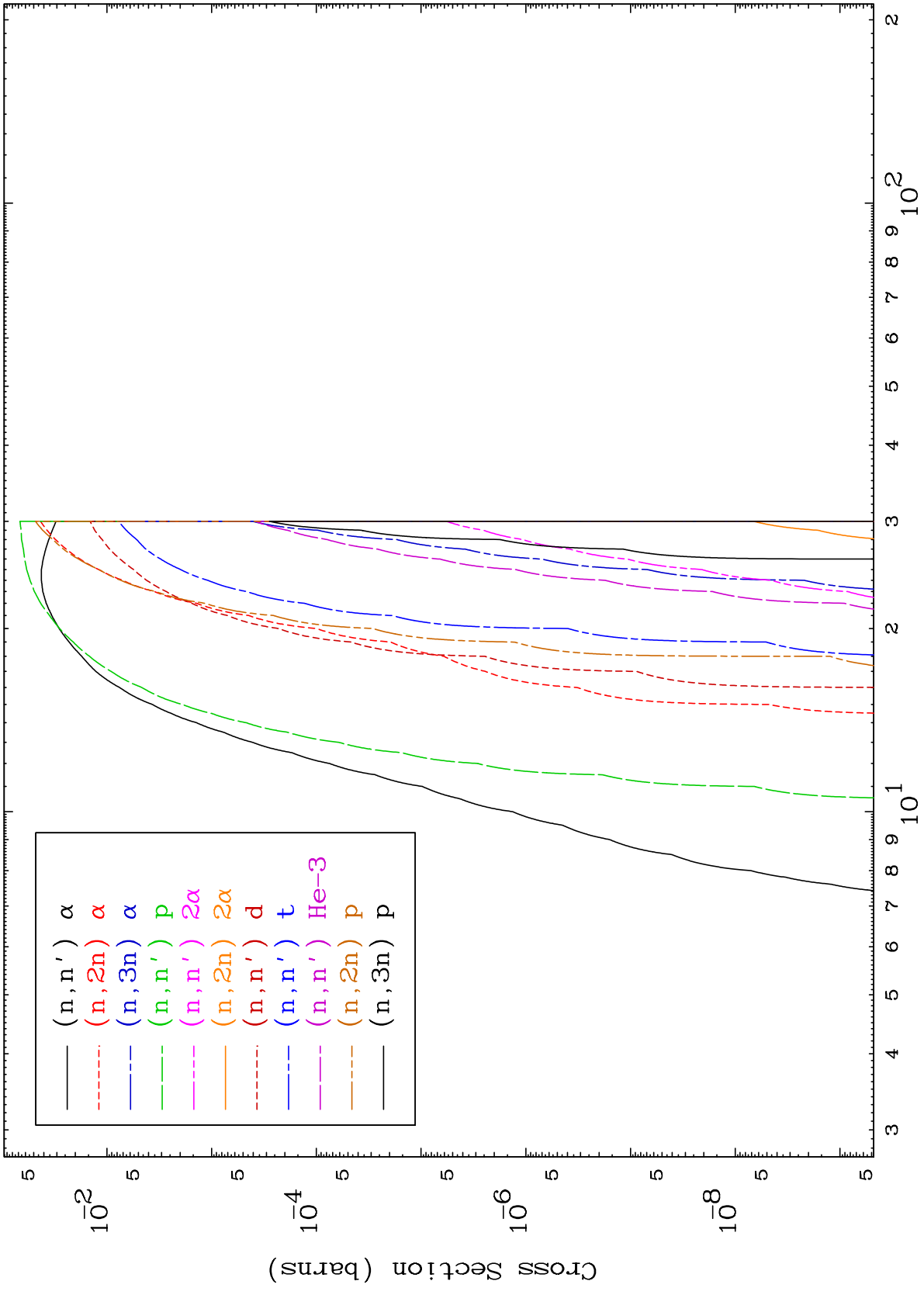
Major
293 Kelvin Cross Sections

42-Mo-97





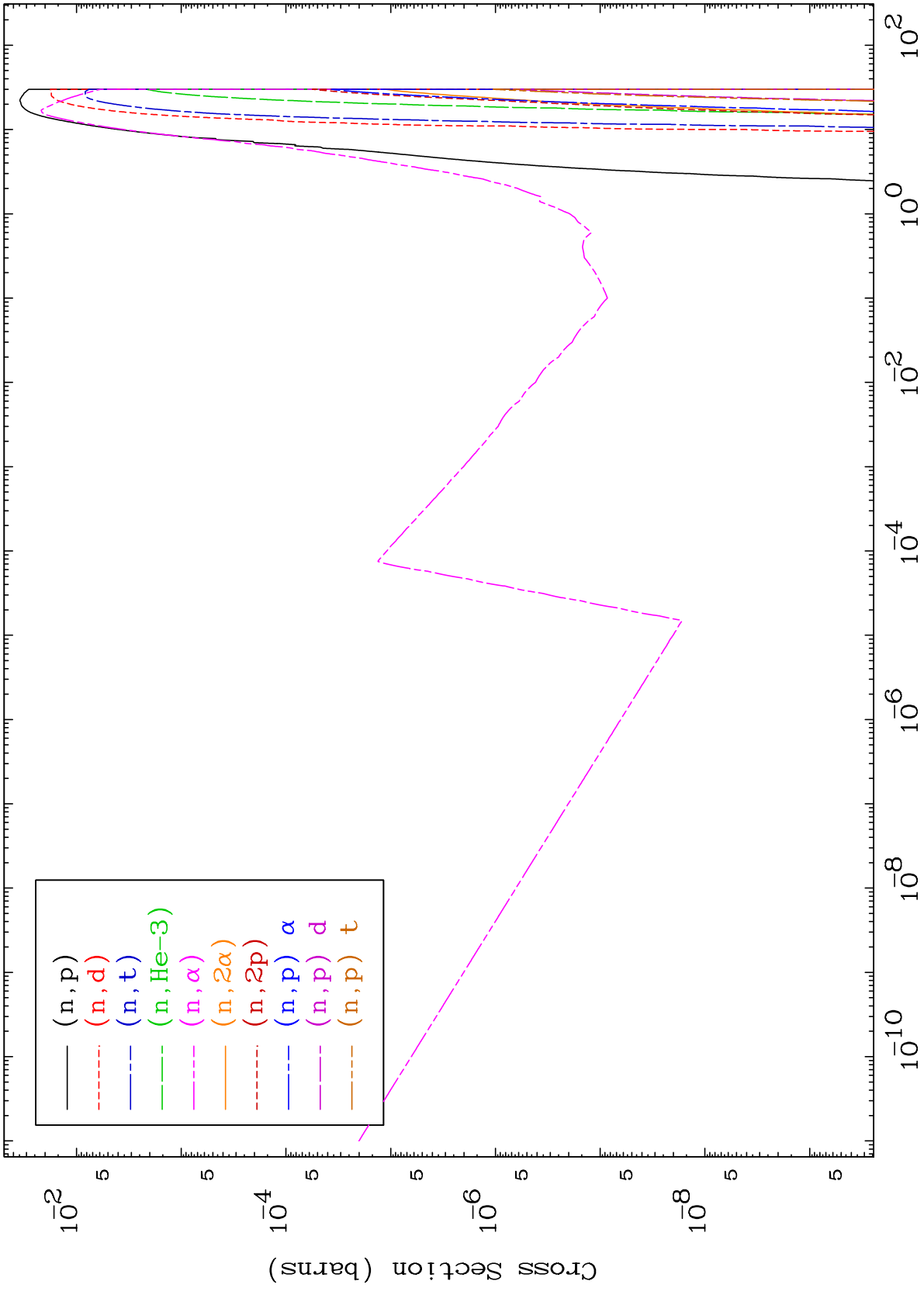




MAT 4240

Charged Particle
293 Kelvin Cross Sections

42-Mo-97

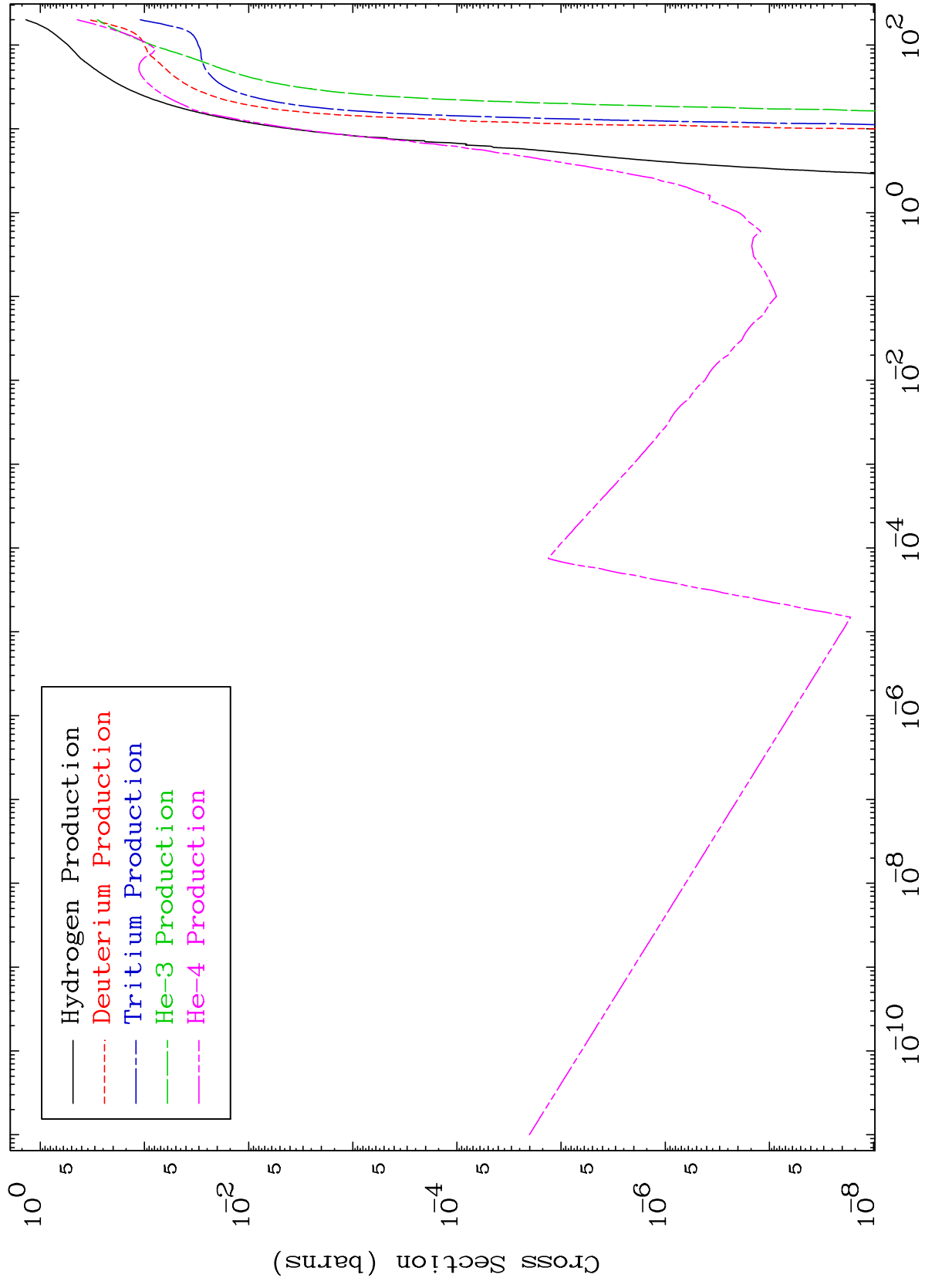


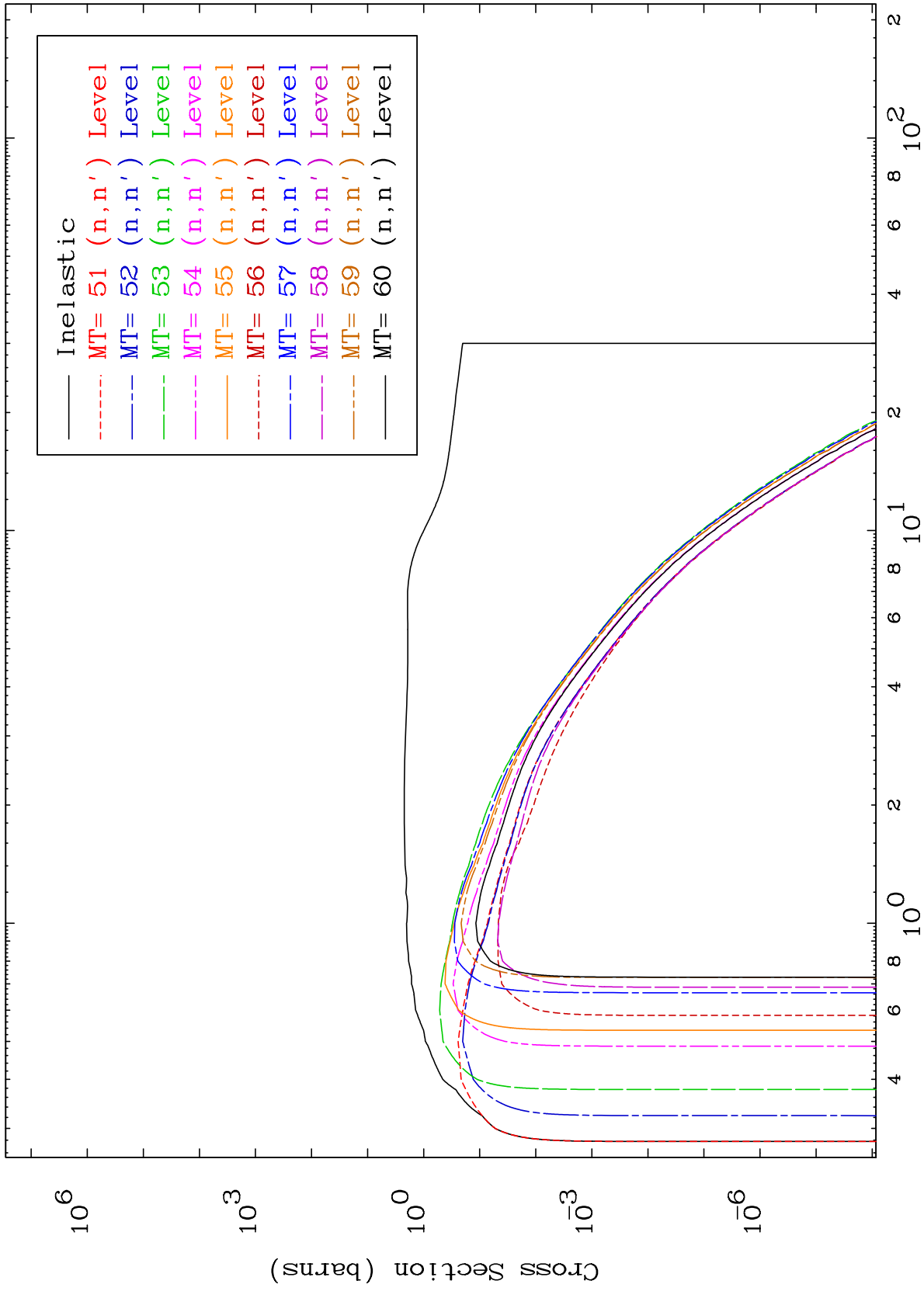
42-Mo-97

MAT 4240

Particle Production
293 Kelvin Cross Sections

42-Mo-97



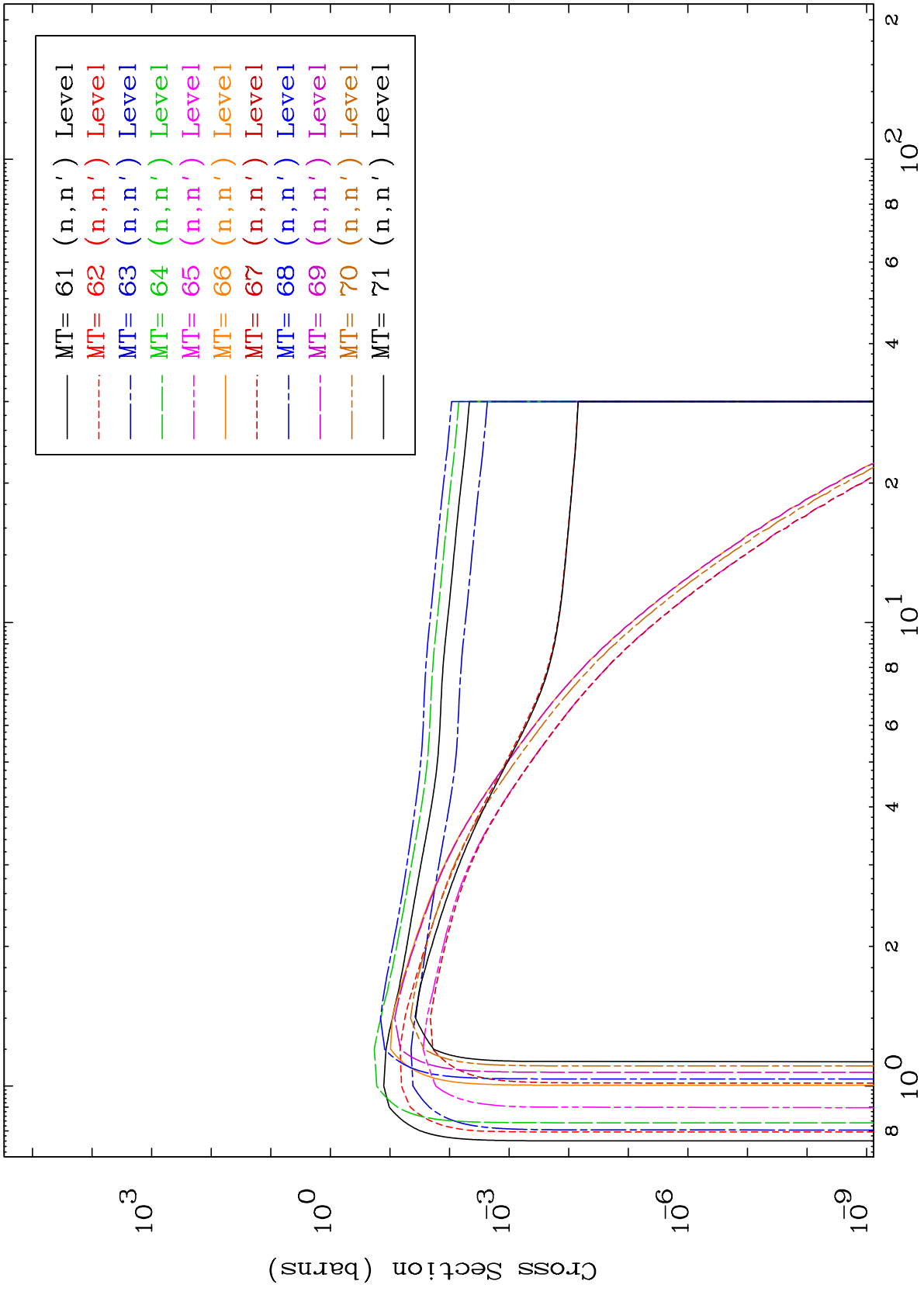


MAT 4240

(n,n') Level

42-Mo-97

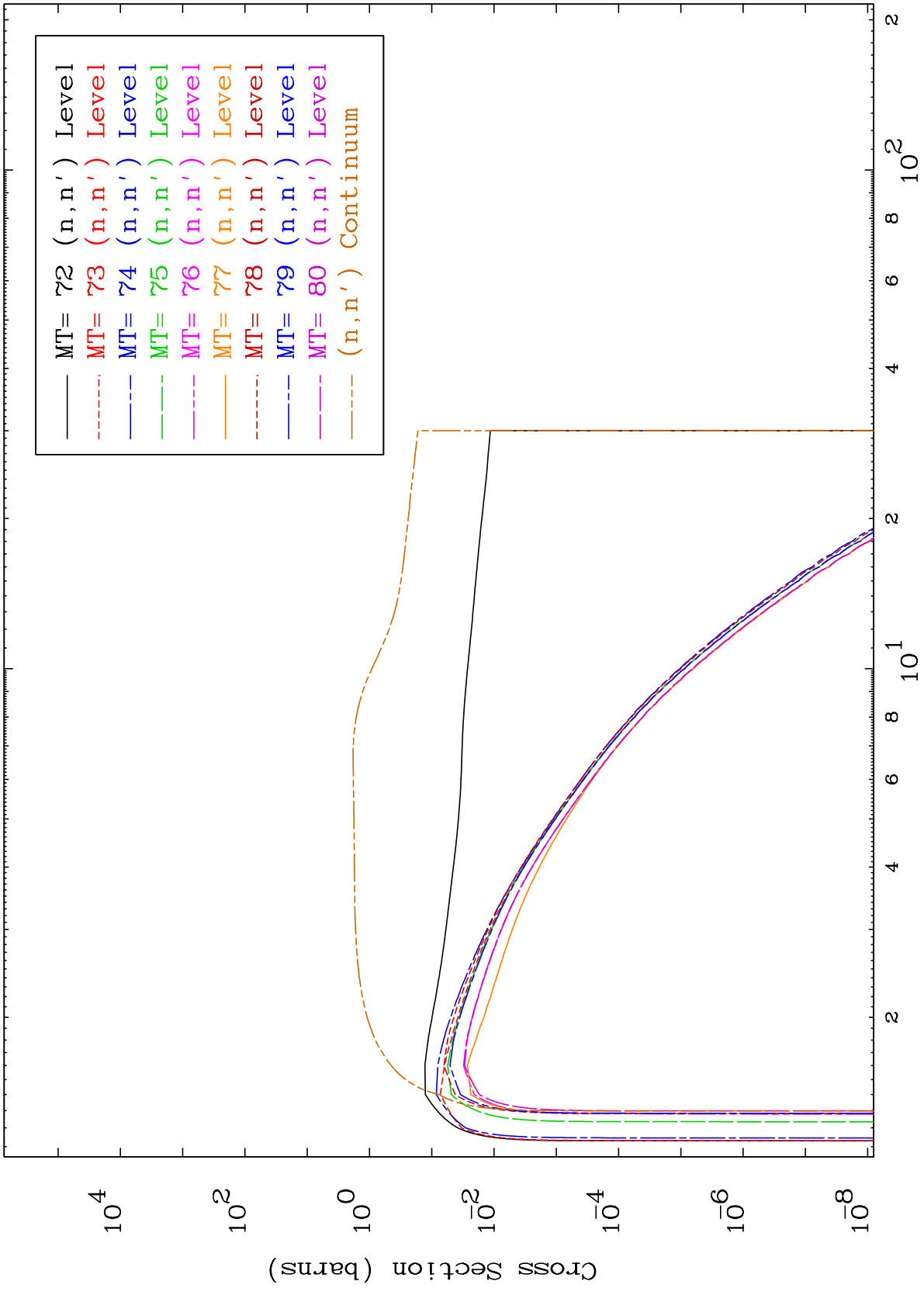
293 Kelvin Cross Sections



8

Incident Energy (MeV)

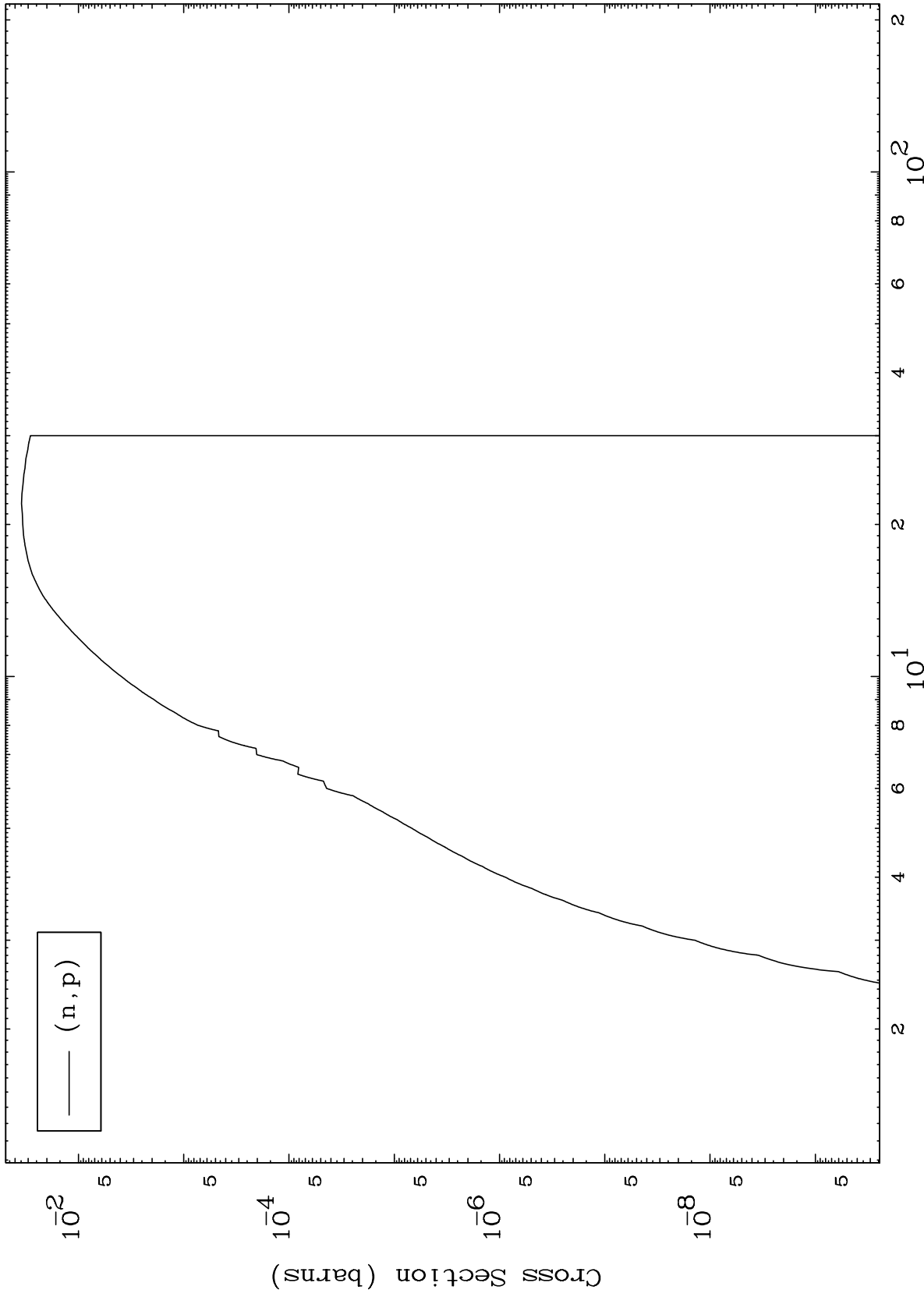
42-Mo-97



MAT 4240

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-97



10

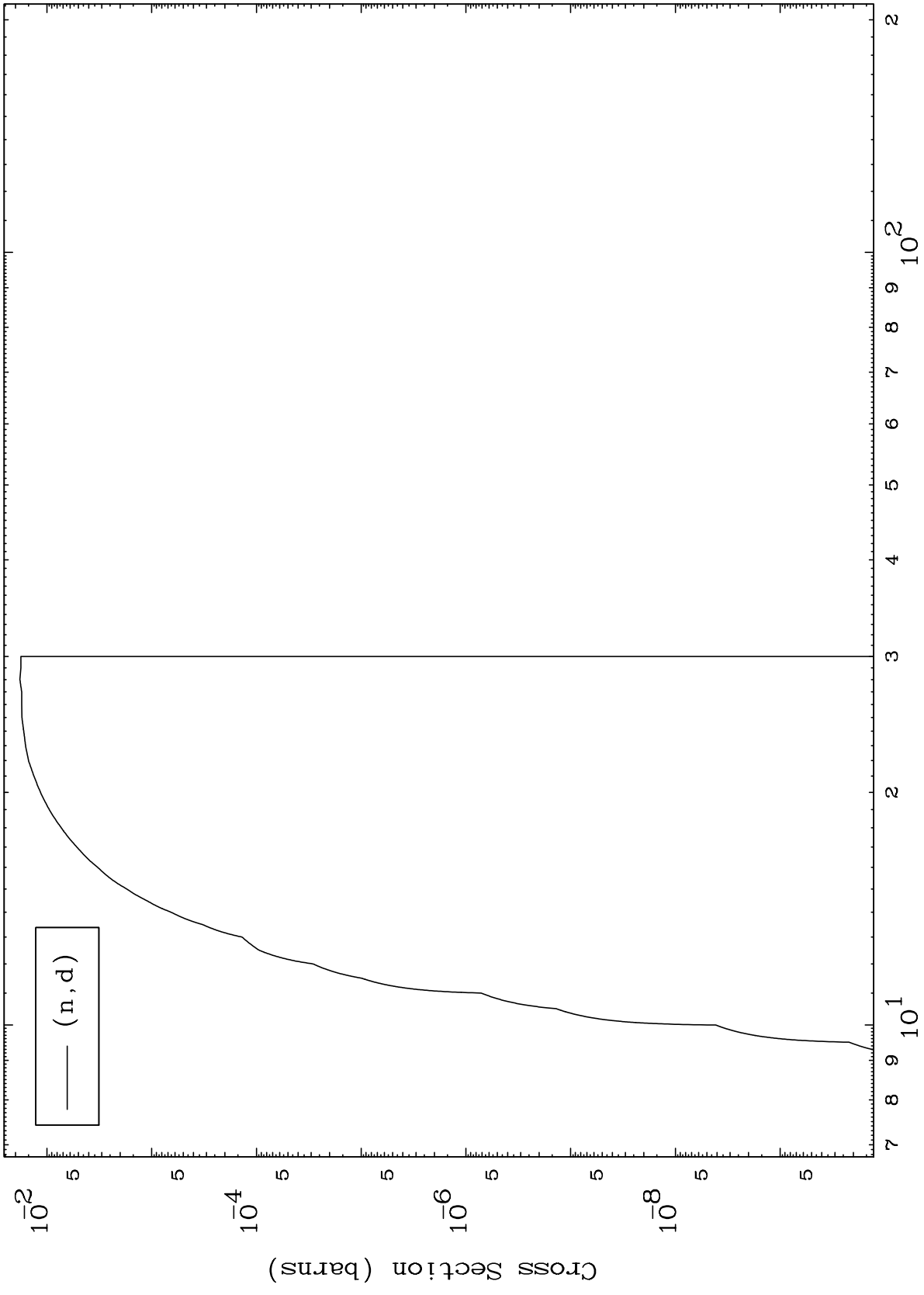
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-97



11

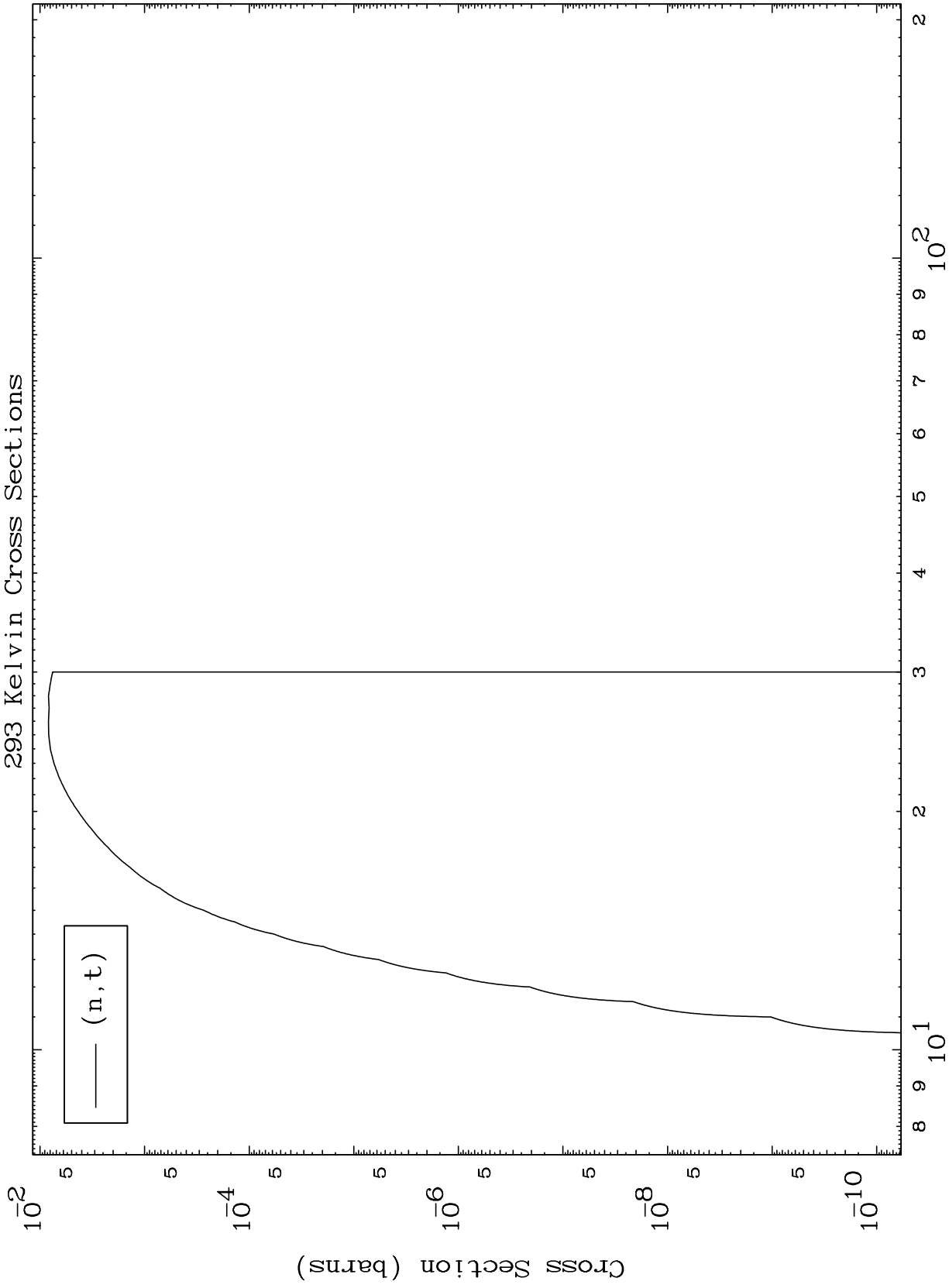
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-97



12

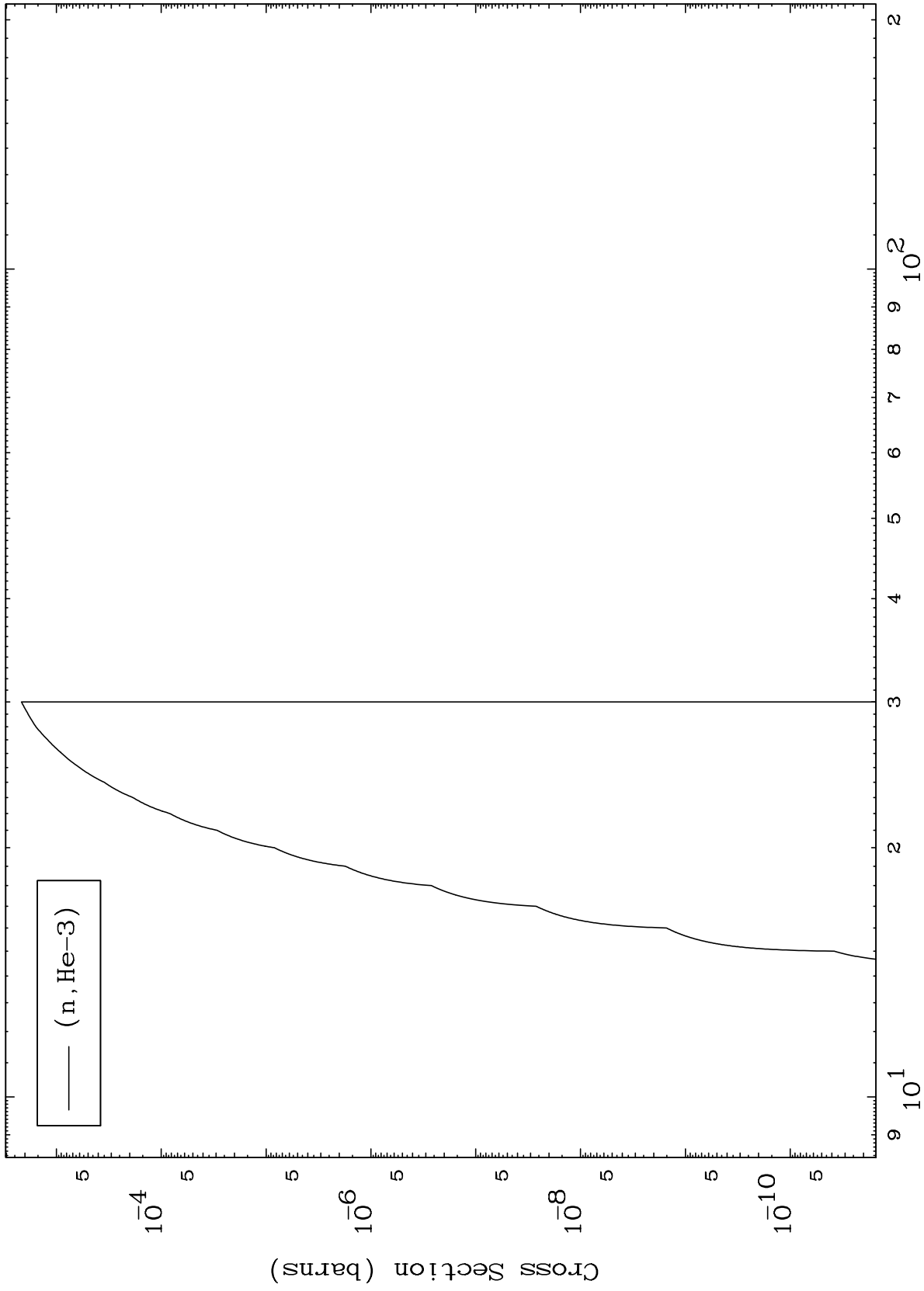
Incident Energy (MeV)

42-Mo-97

MAT 4240

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-97



13

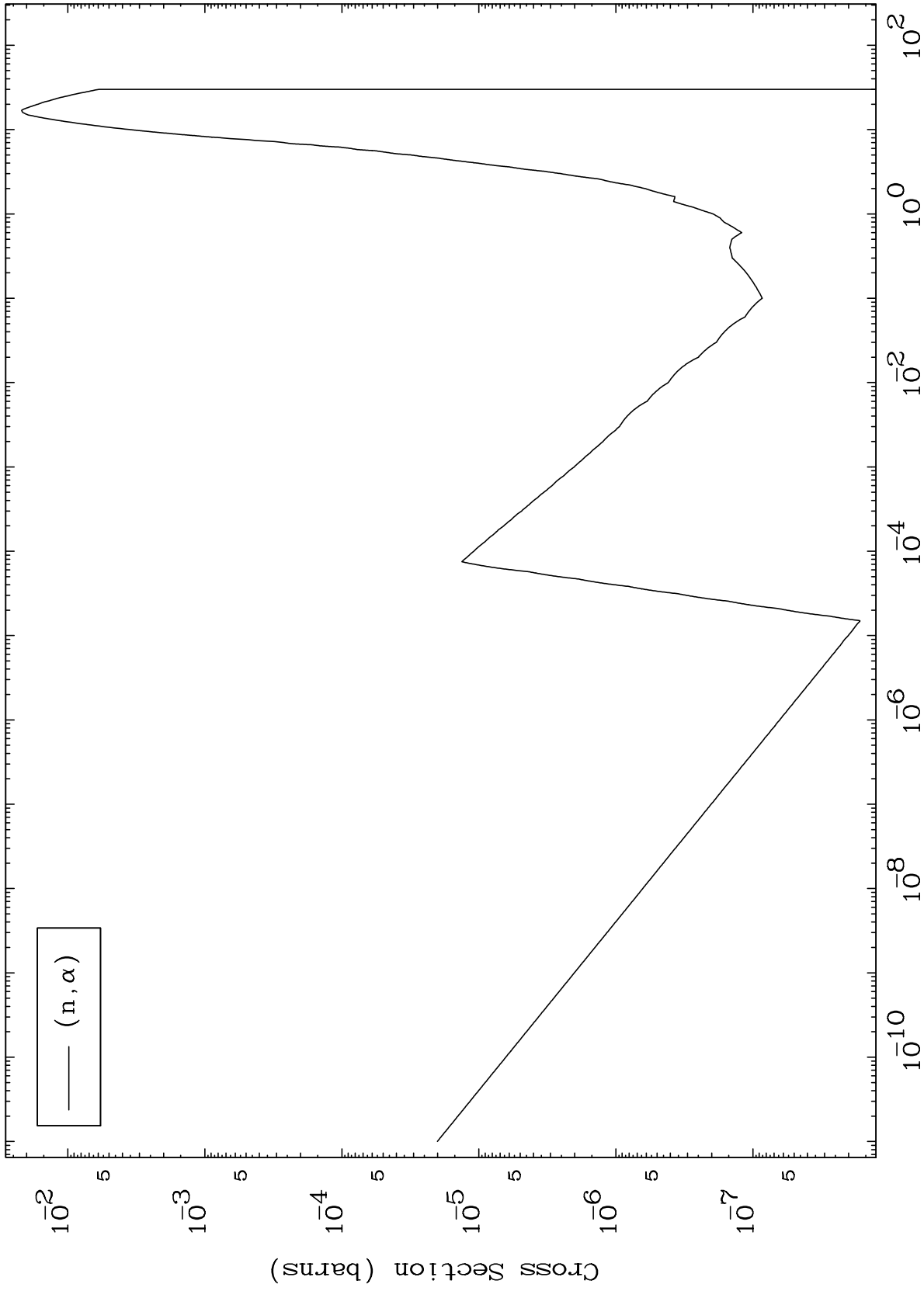
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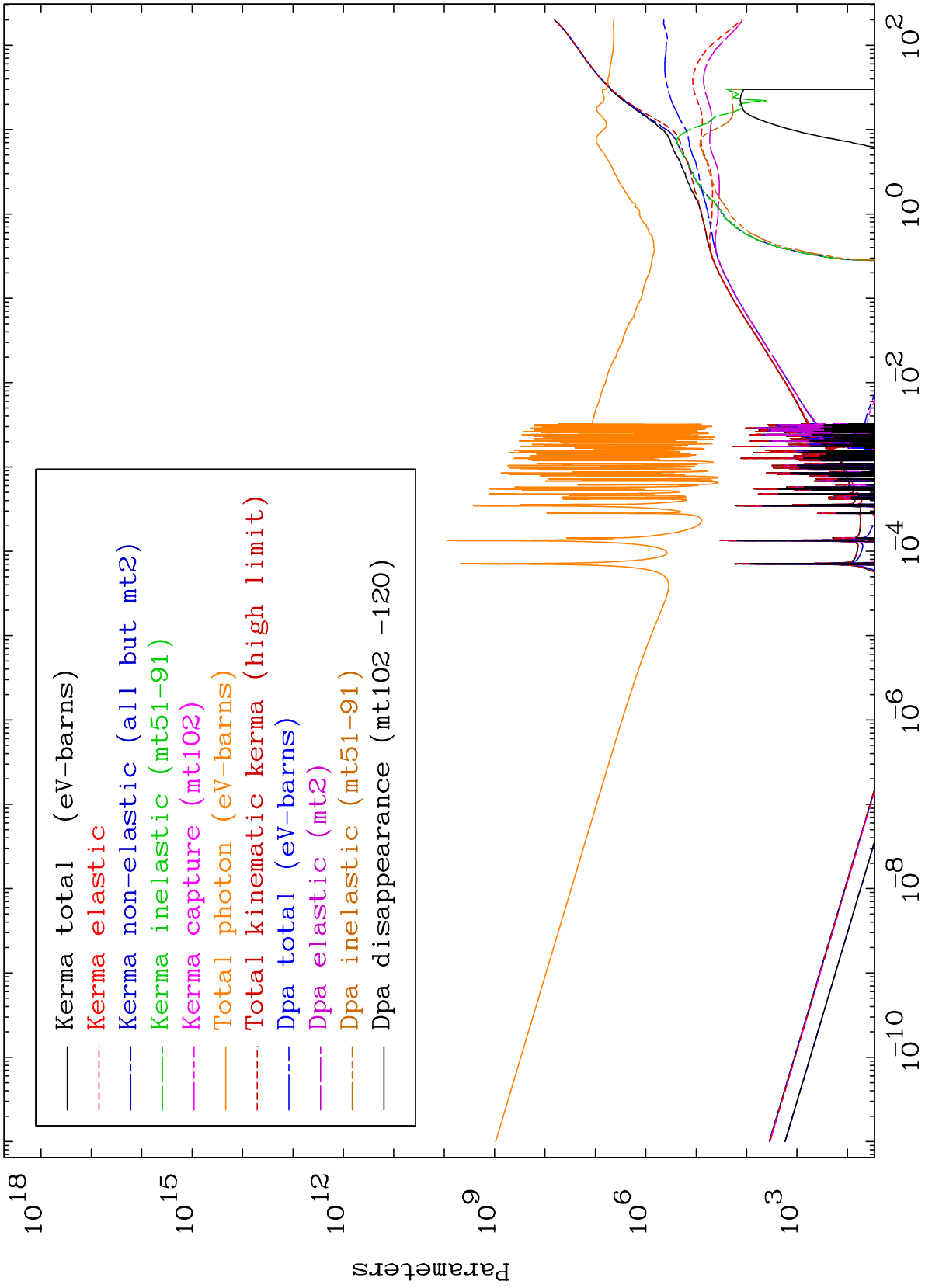
42-Mo-97

MAT 4240

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-97

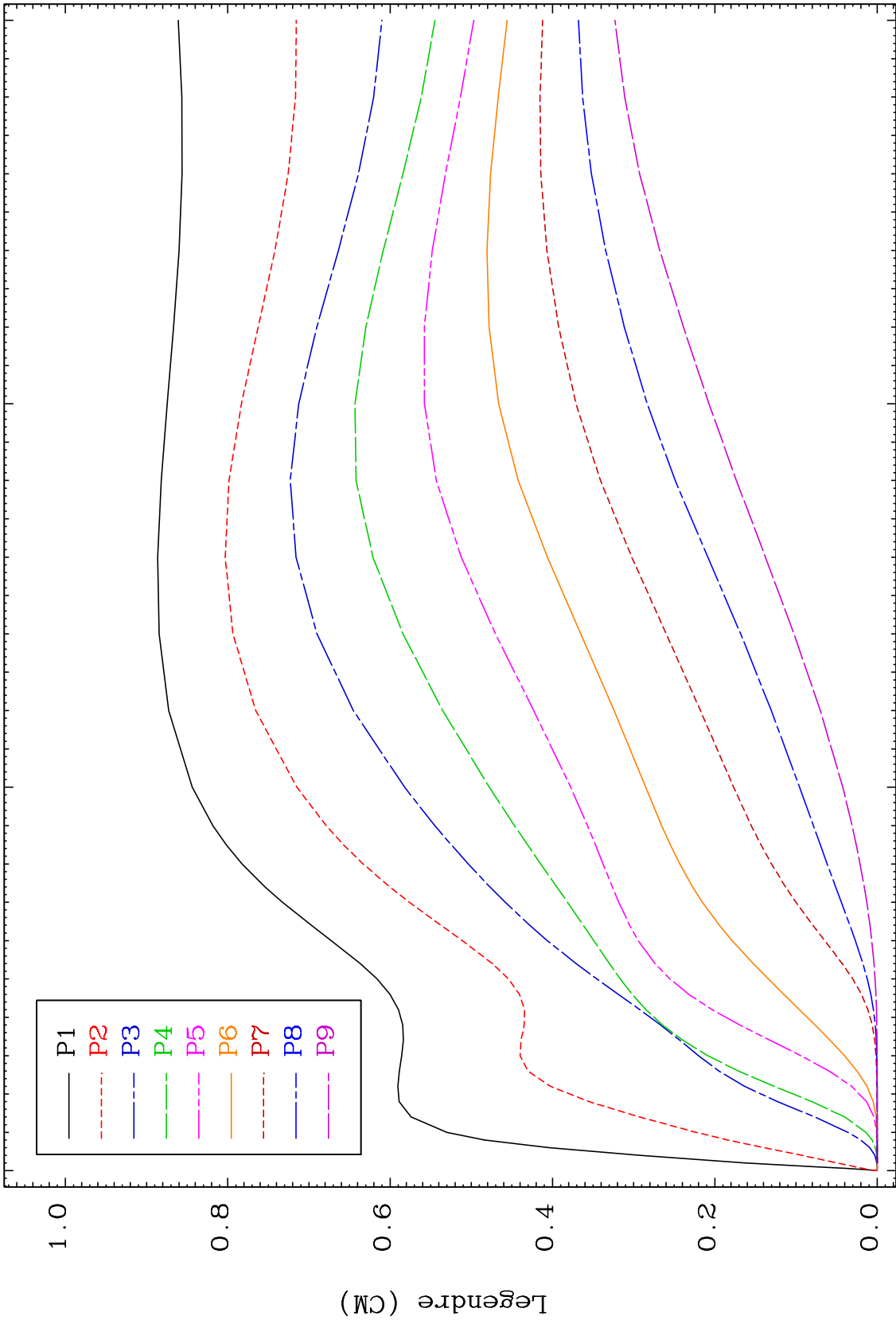




MAT 4240

Elastic Legendre Coefficients

42-Mo-97



16

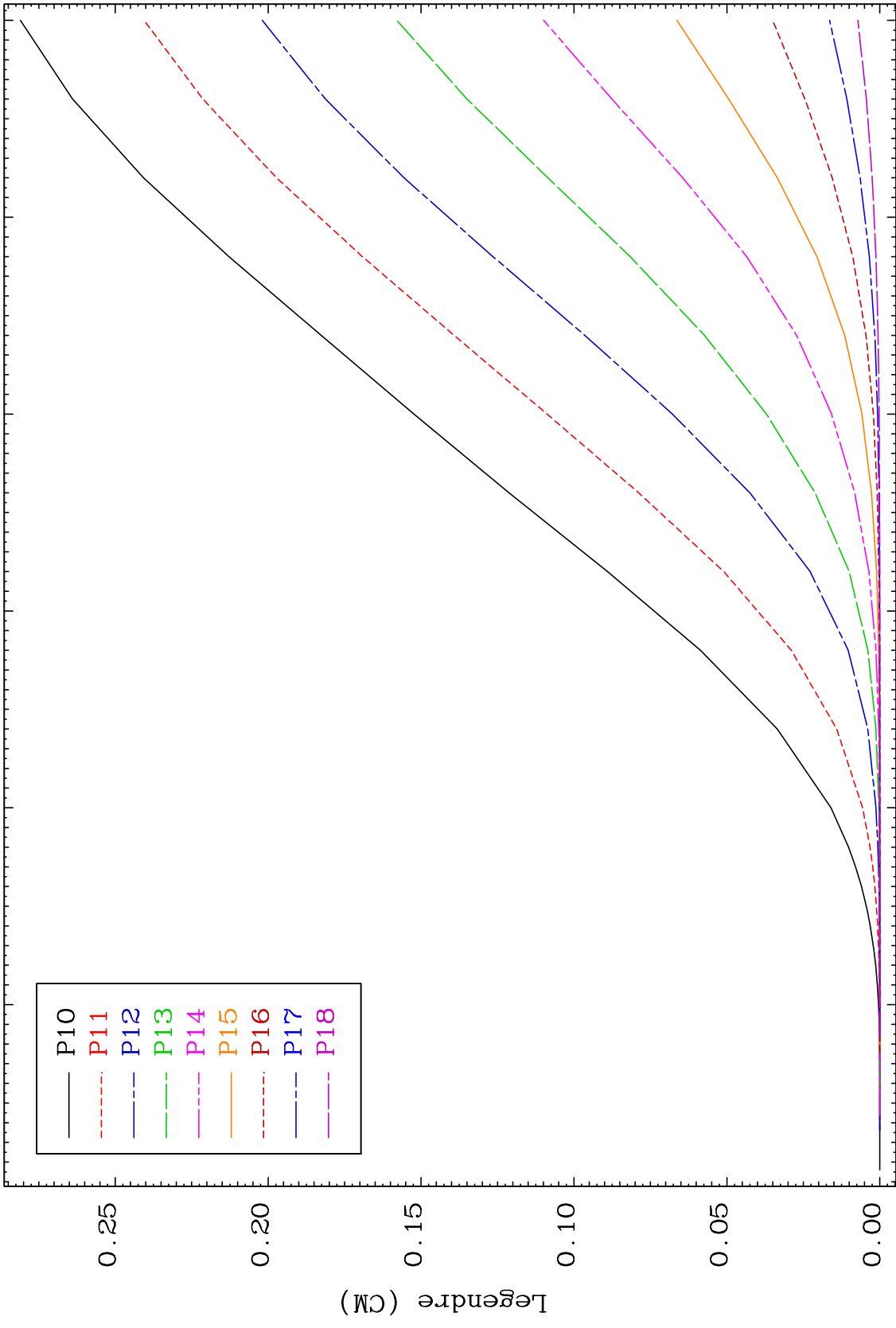
Incident Energy (MeV)

42-Mo-97

MAT 4240

Elastic Legendre Coefficients

42-Mo-97



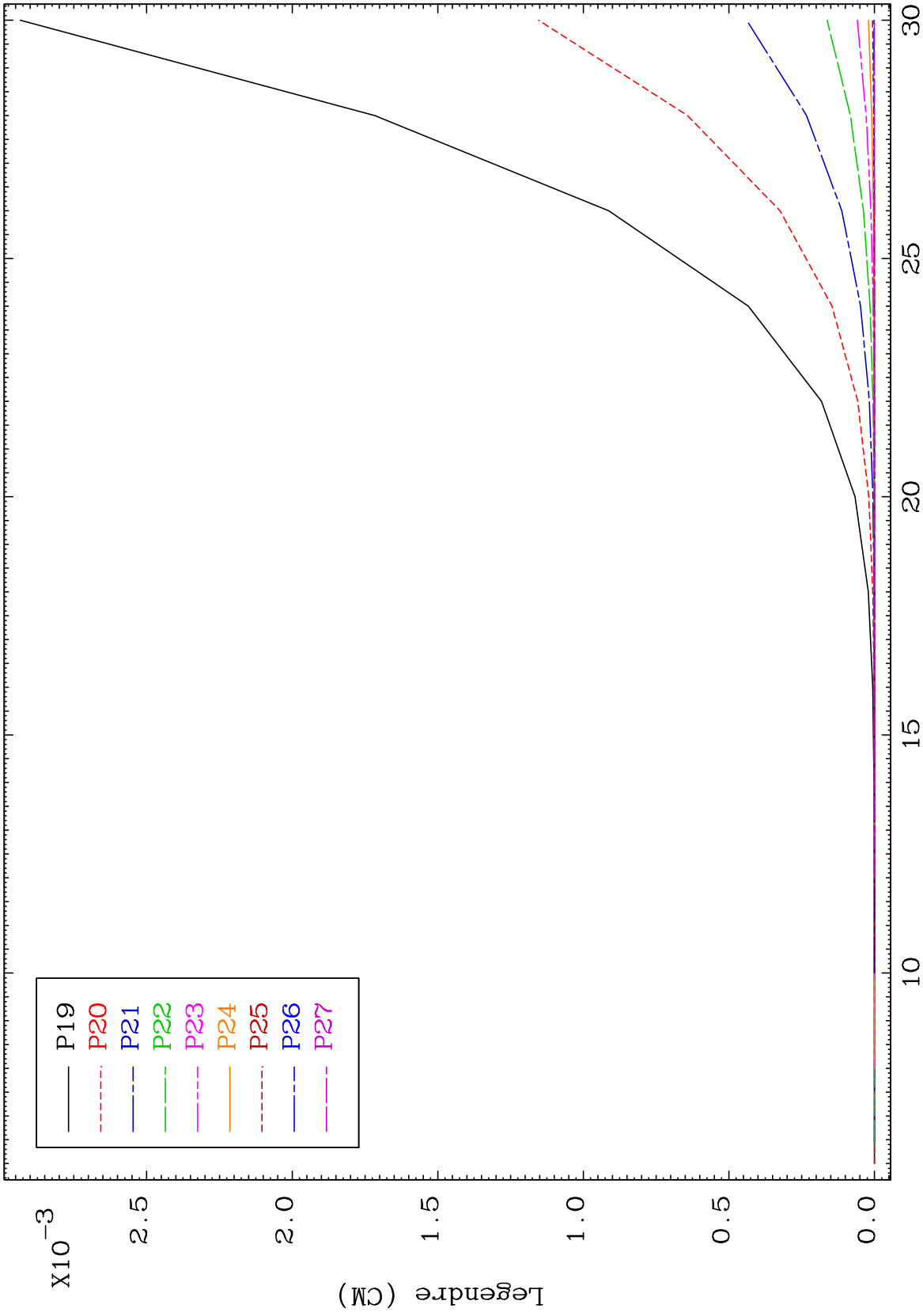
17

42-Mo-97

MAT 4240

Elastic Legendre Coefficients

42-Mo-97



18

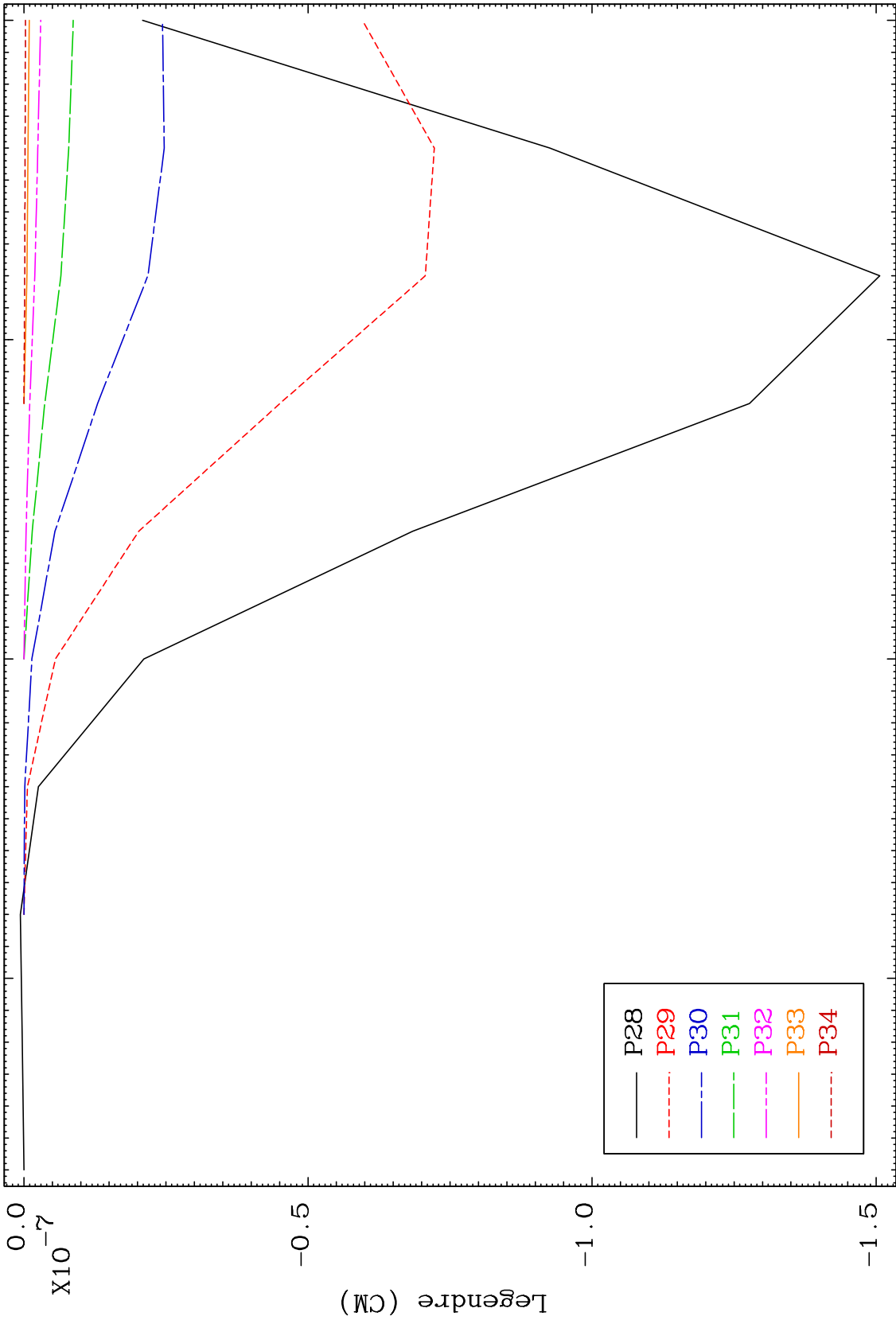
Incident Energy (MeV)

42-Mo-97

MAT 4240

42-Mo-97

Elastic Legendre Coefficients



19

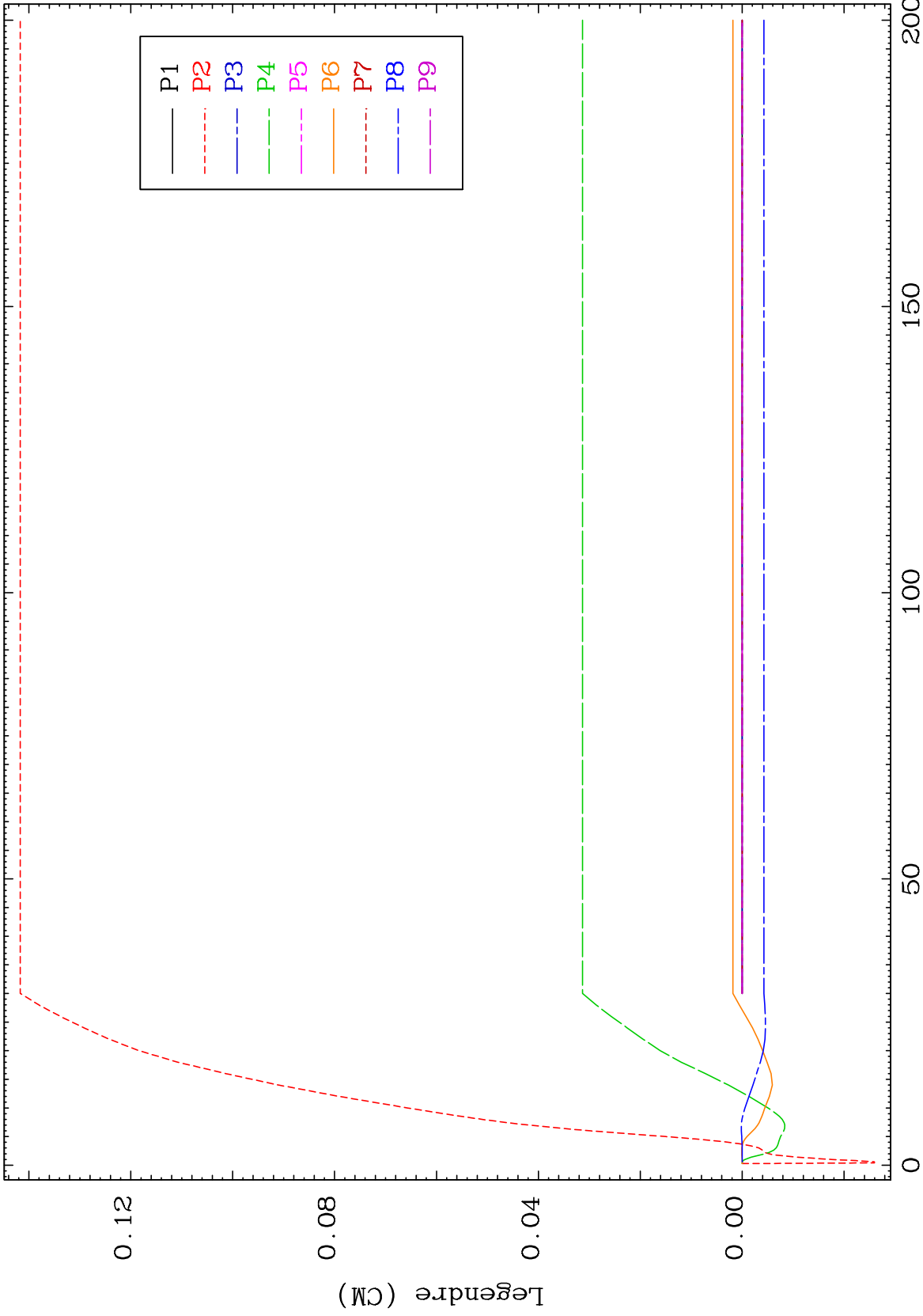
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



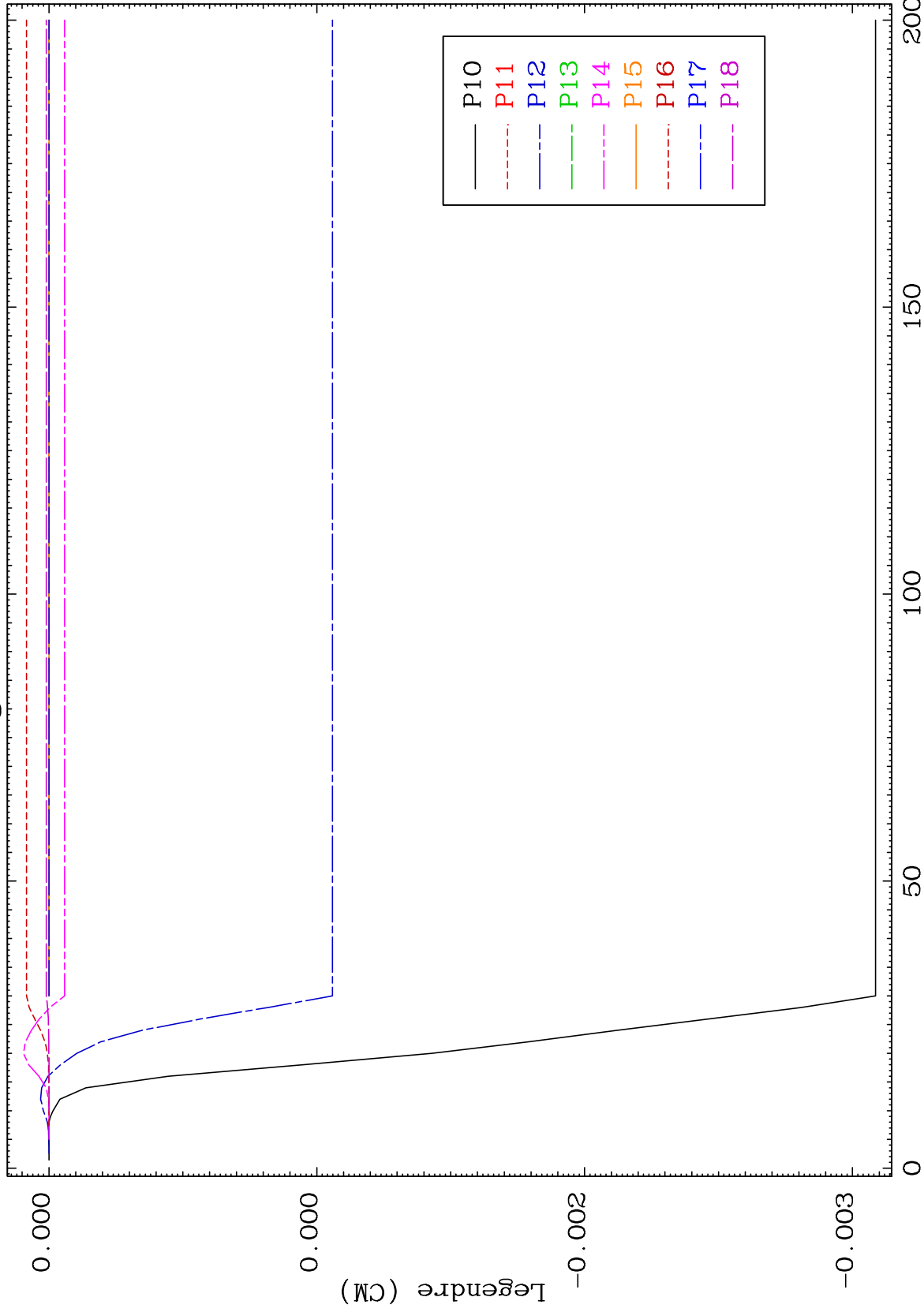
42-Mo-97

Incident Energy (MeV)

MAT 4240

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

42-Mo-97

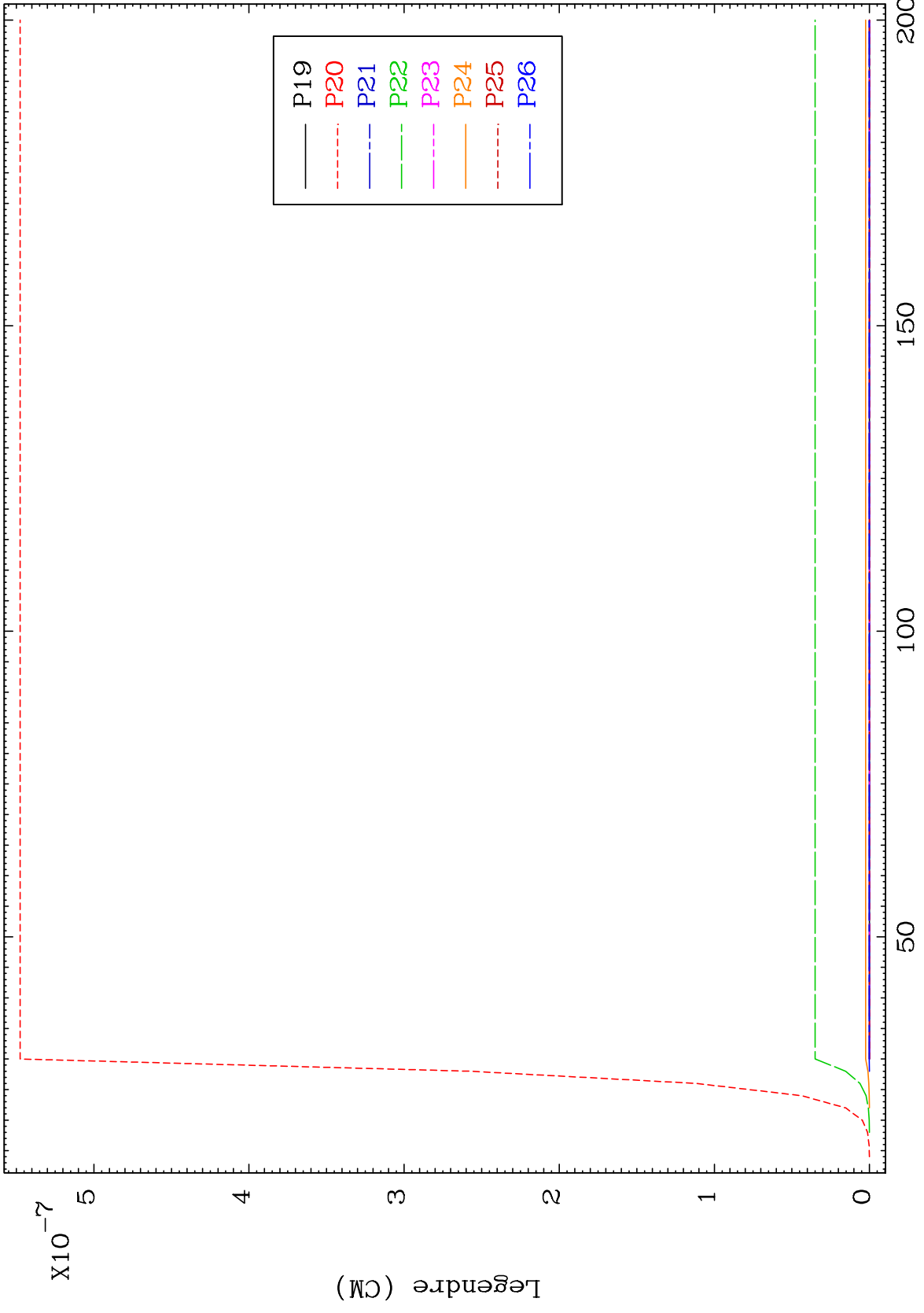


21

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 51 (n,n') Level Legendre Coefficients 42-Mo-97

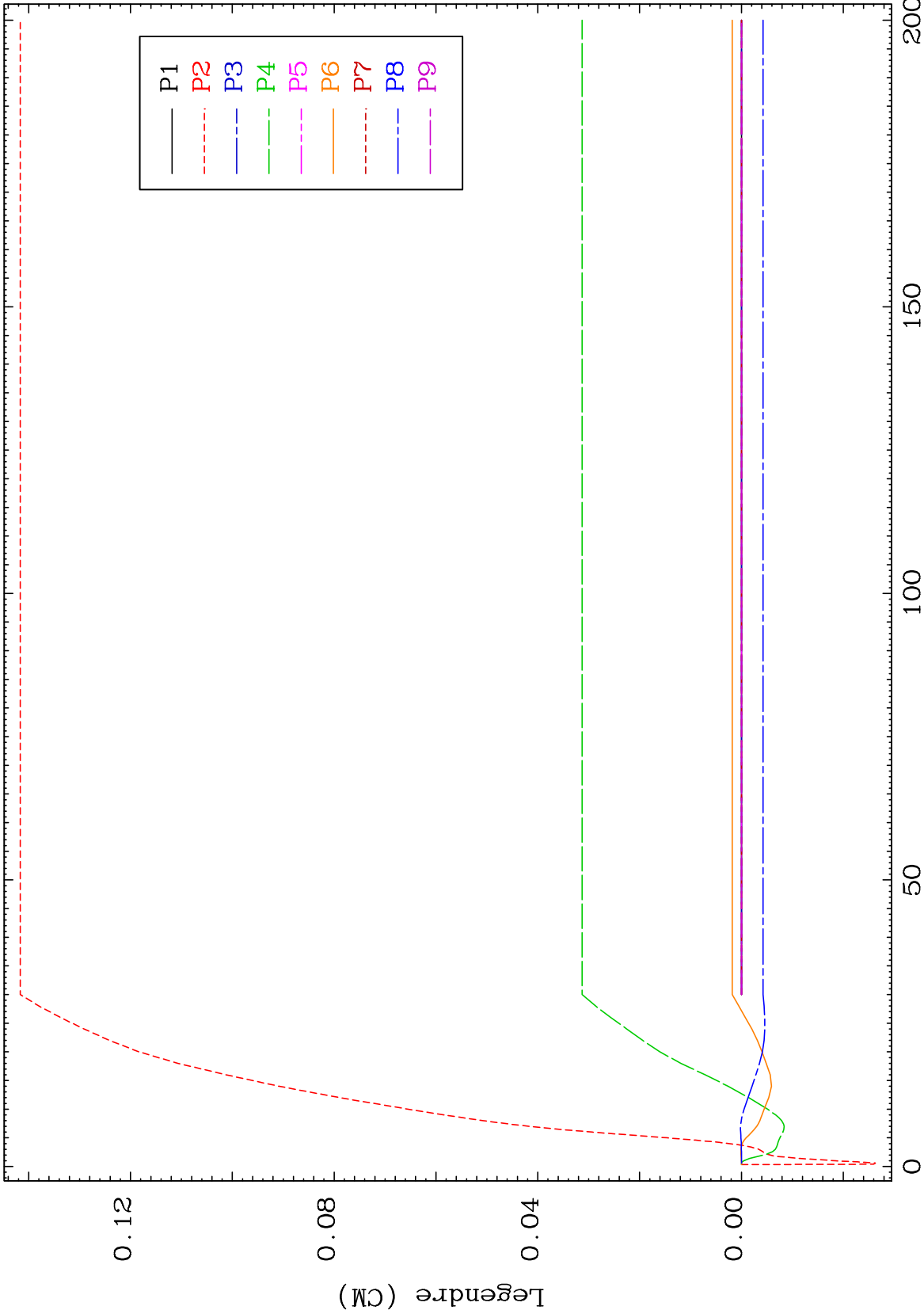


22 42-Mo-97

MAT 4240

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

42-Mo-97



23

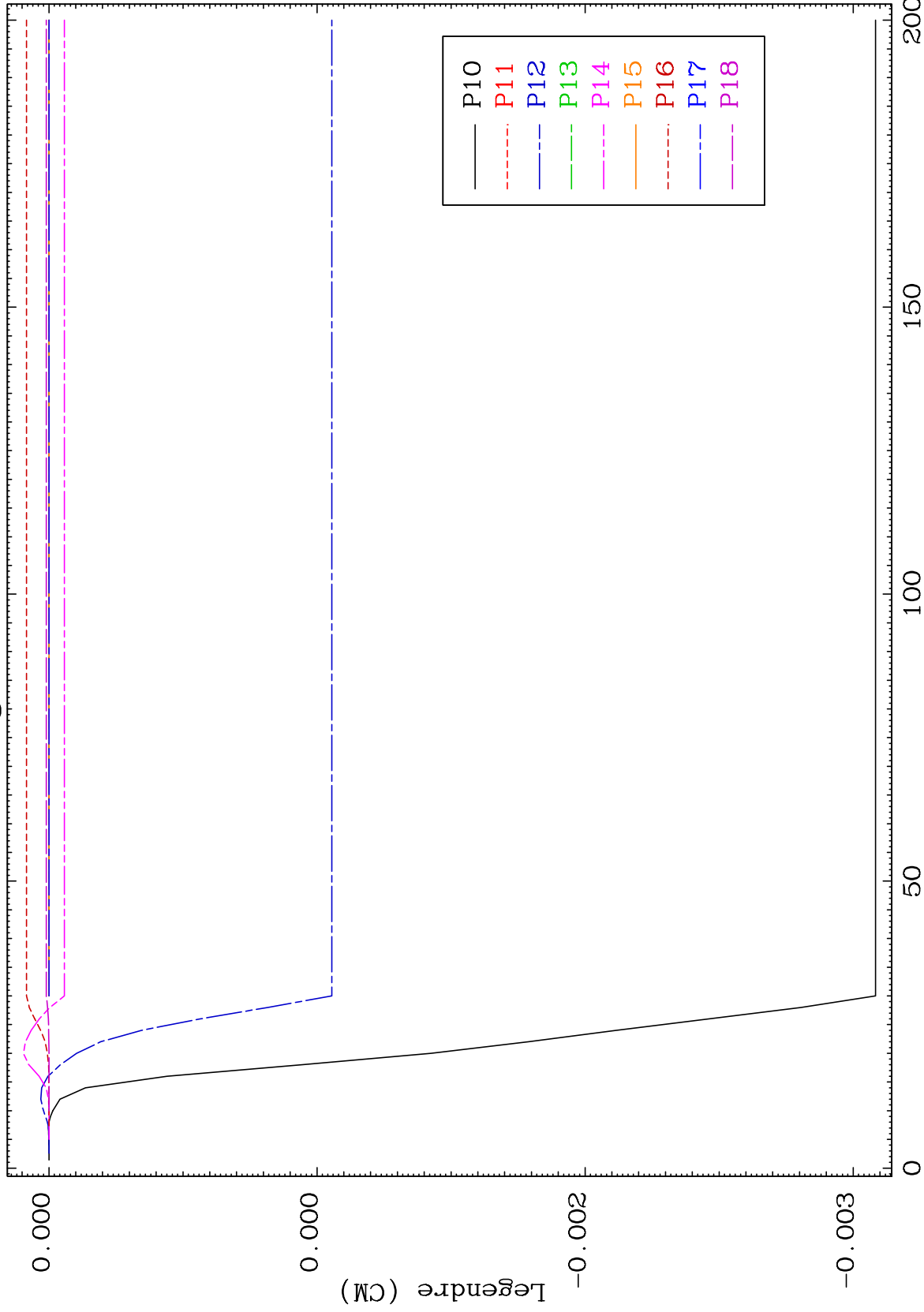
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

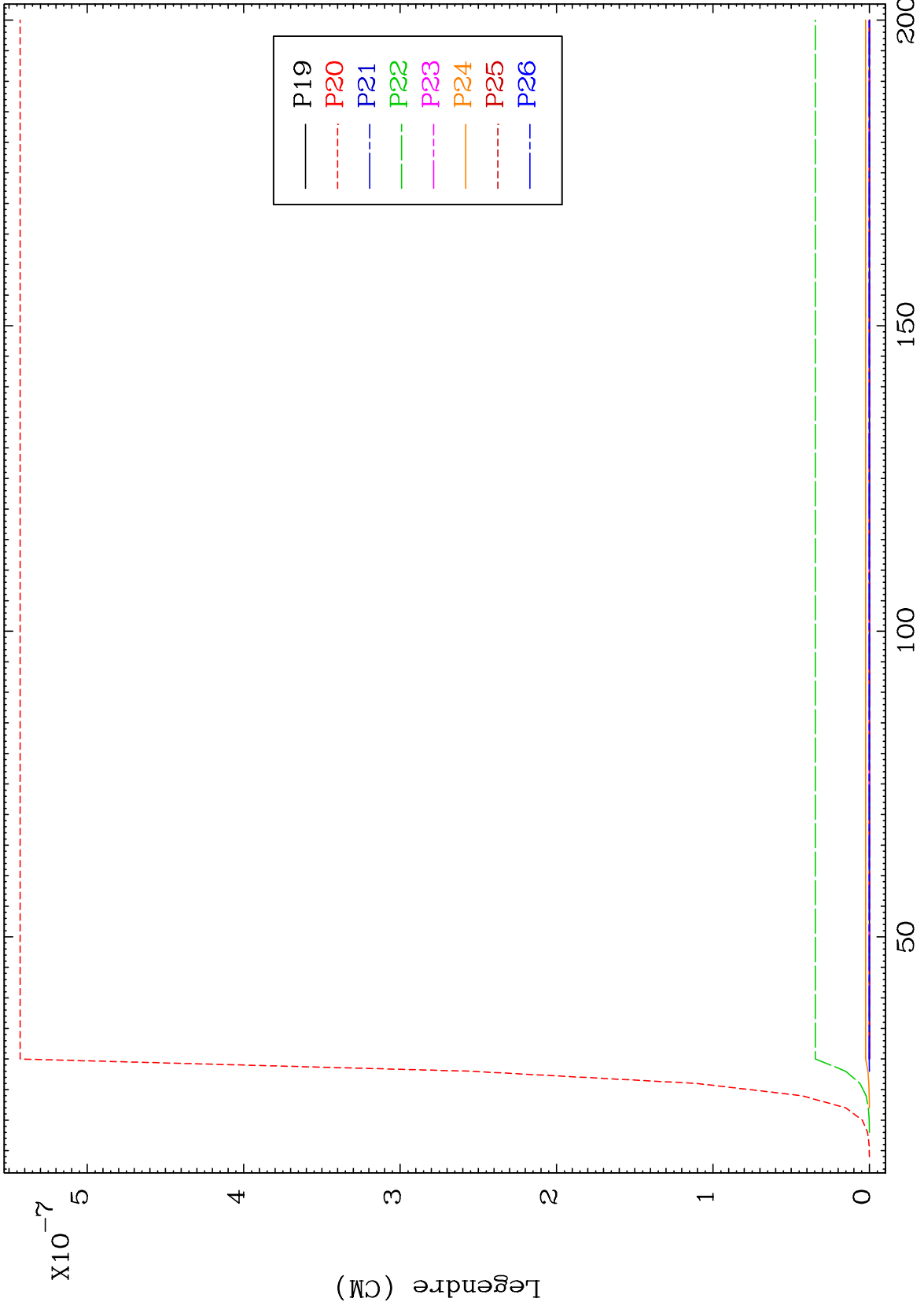


24

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-97

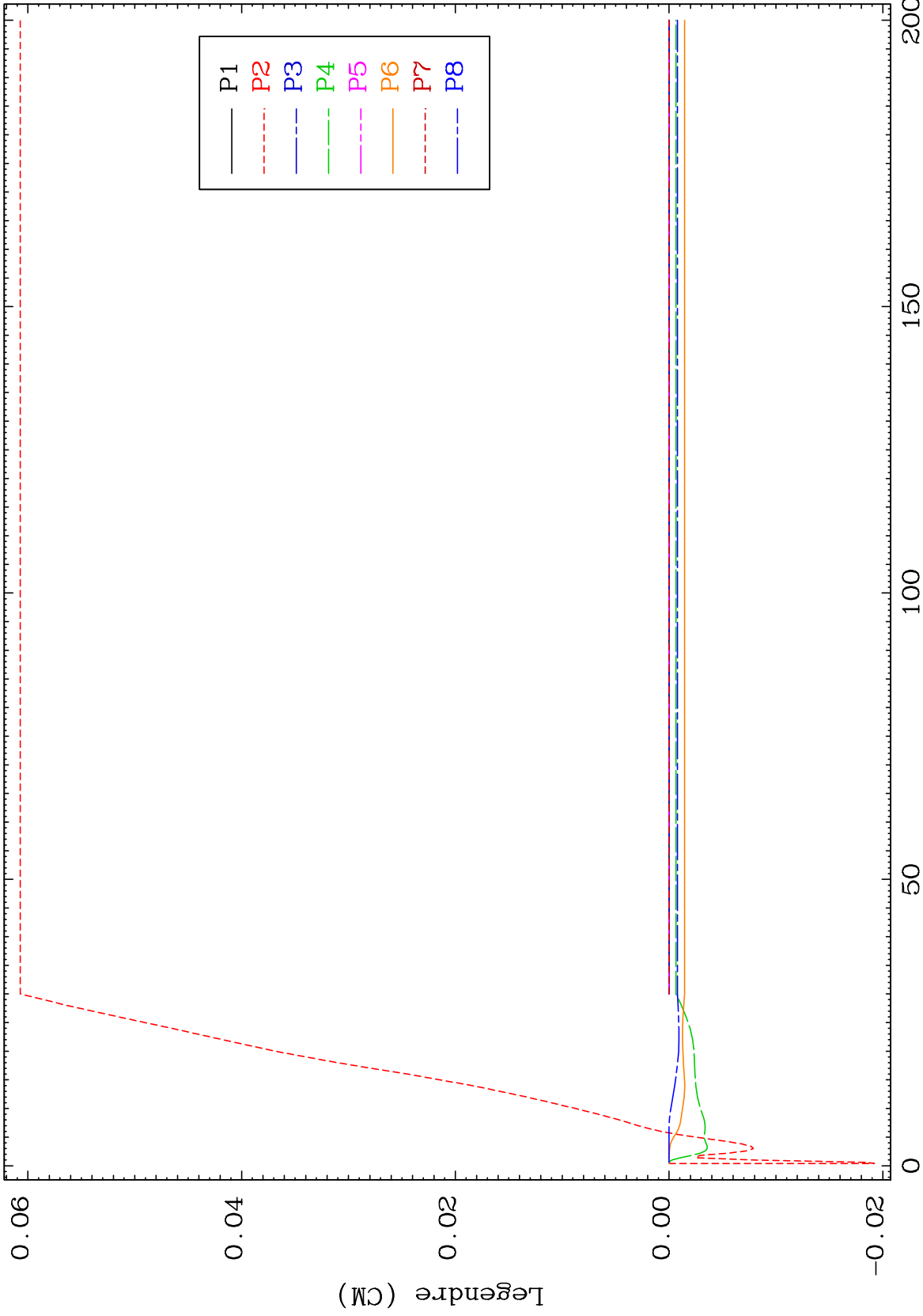


25 50 100 150 200 42-Mo-97

MAT 4240

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

42-Mo-97



26

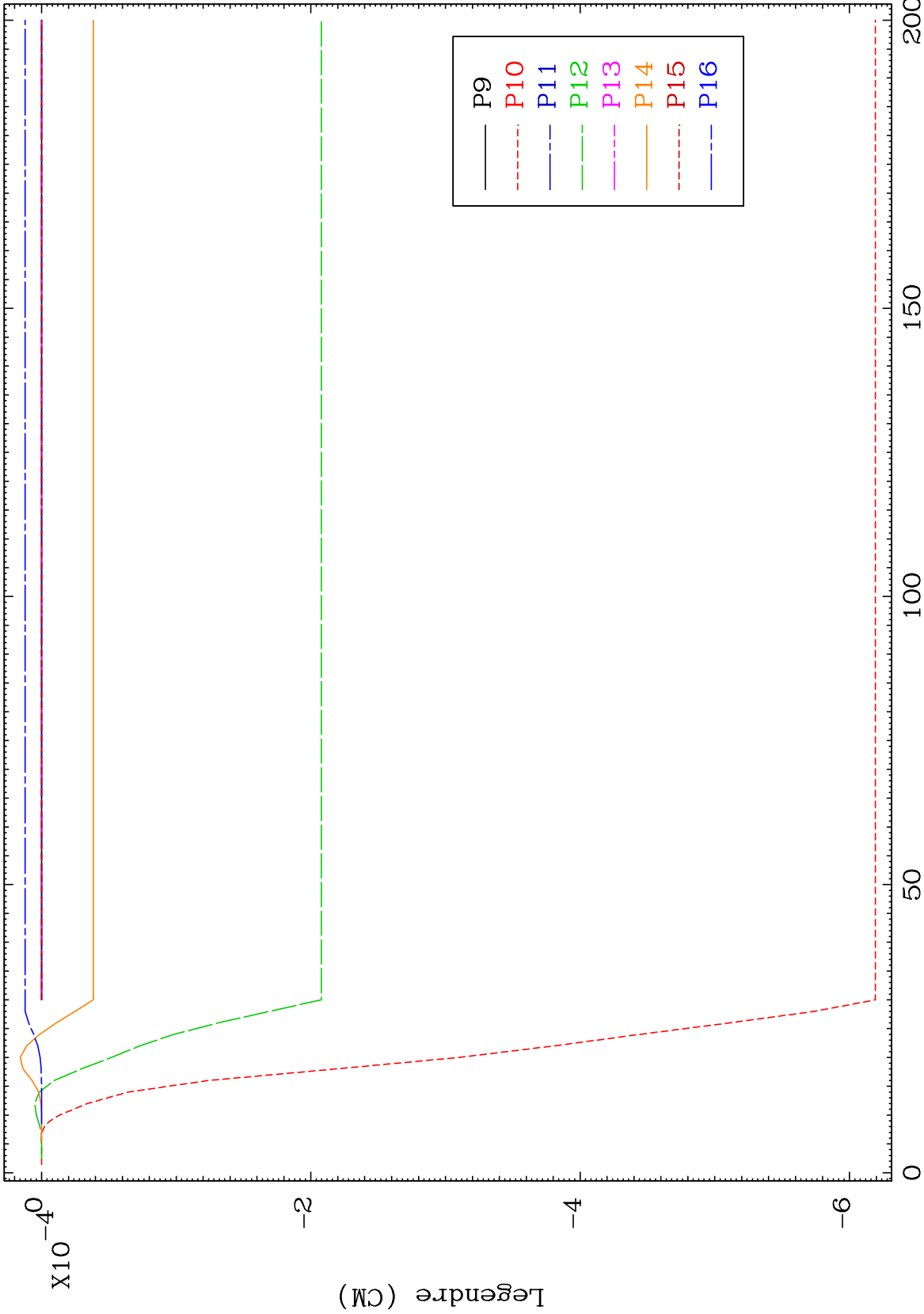
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



27

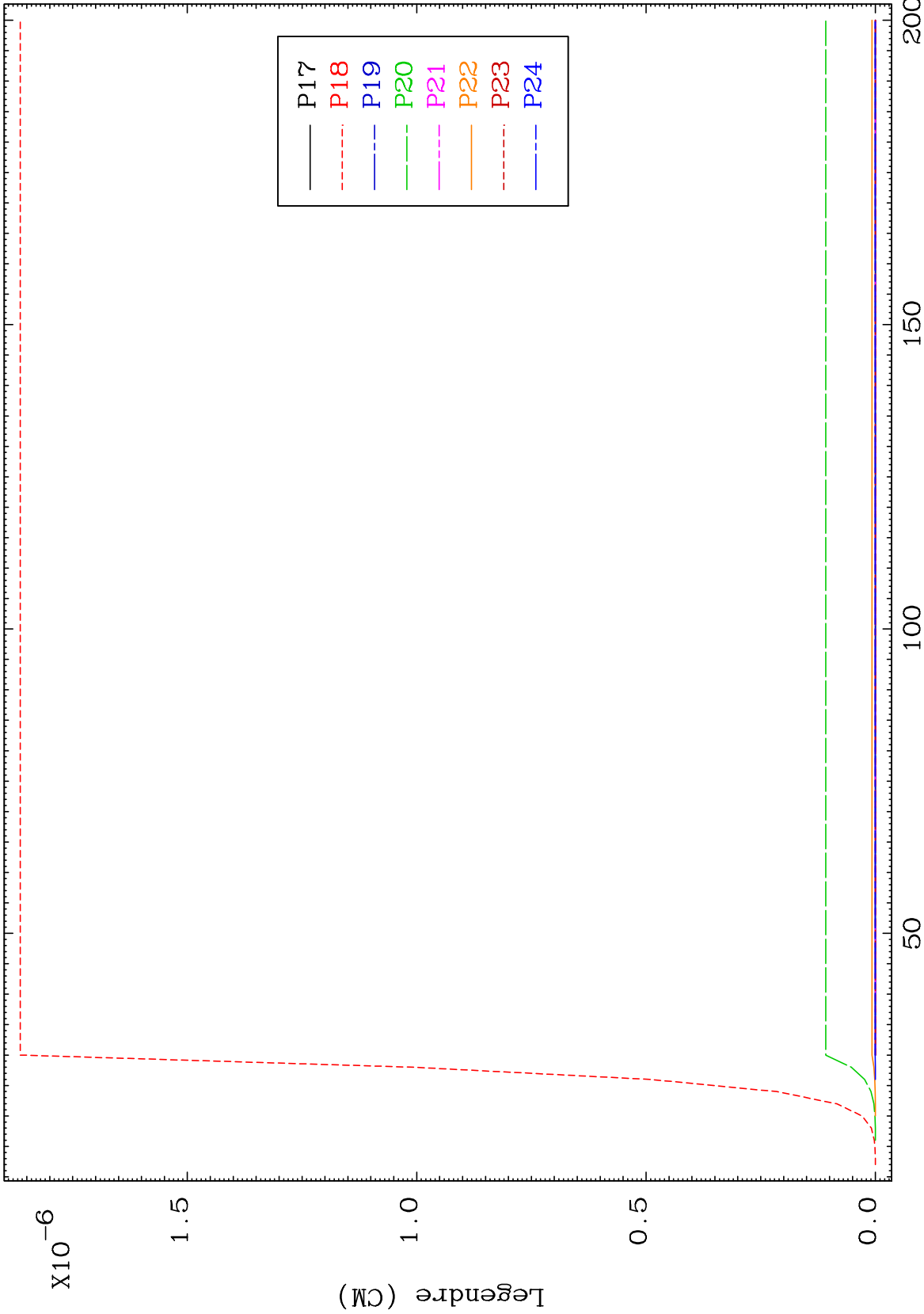
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

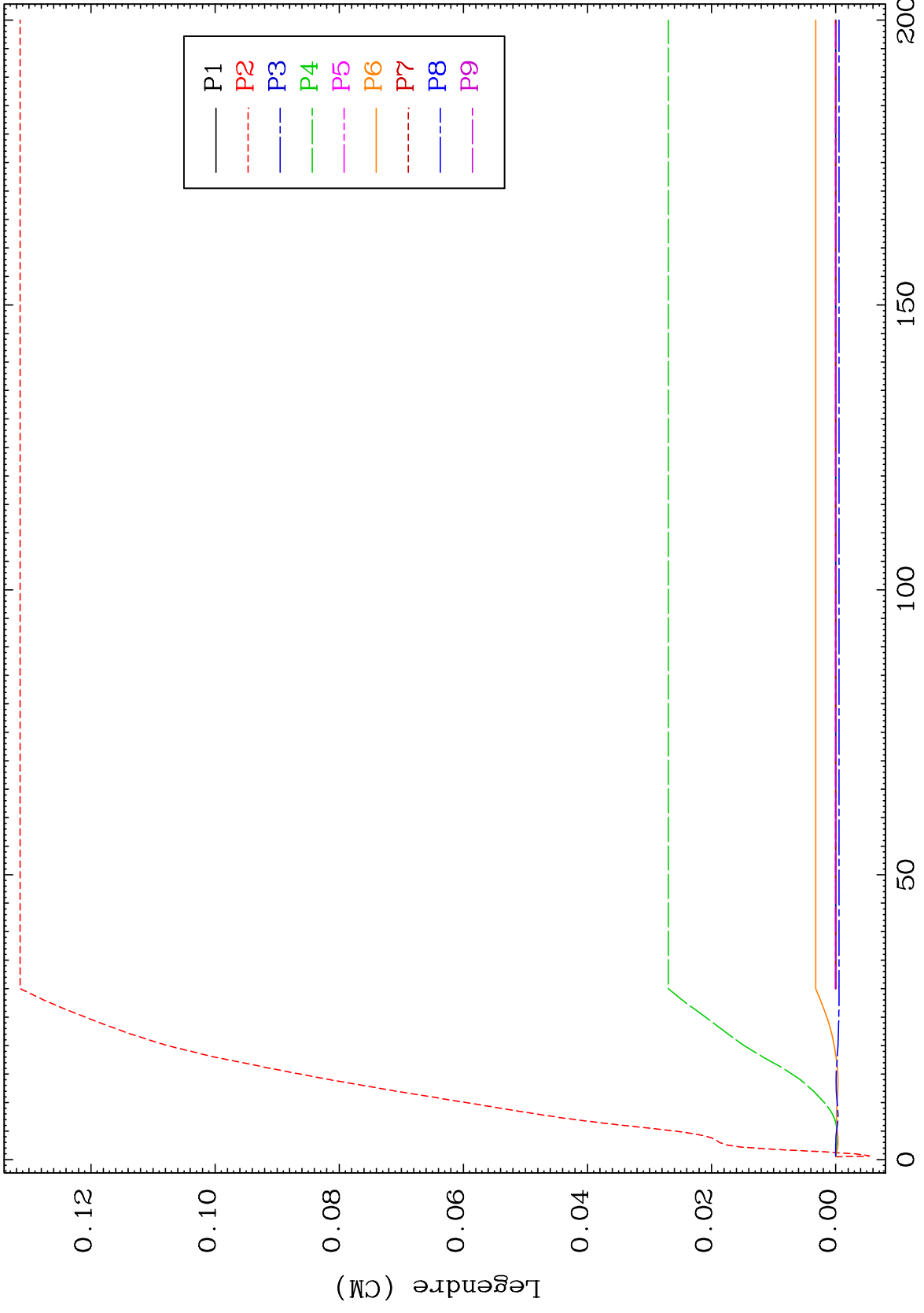


28

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 54 (n,n') Level Legendre Coefficients 42-Mo-97

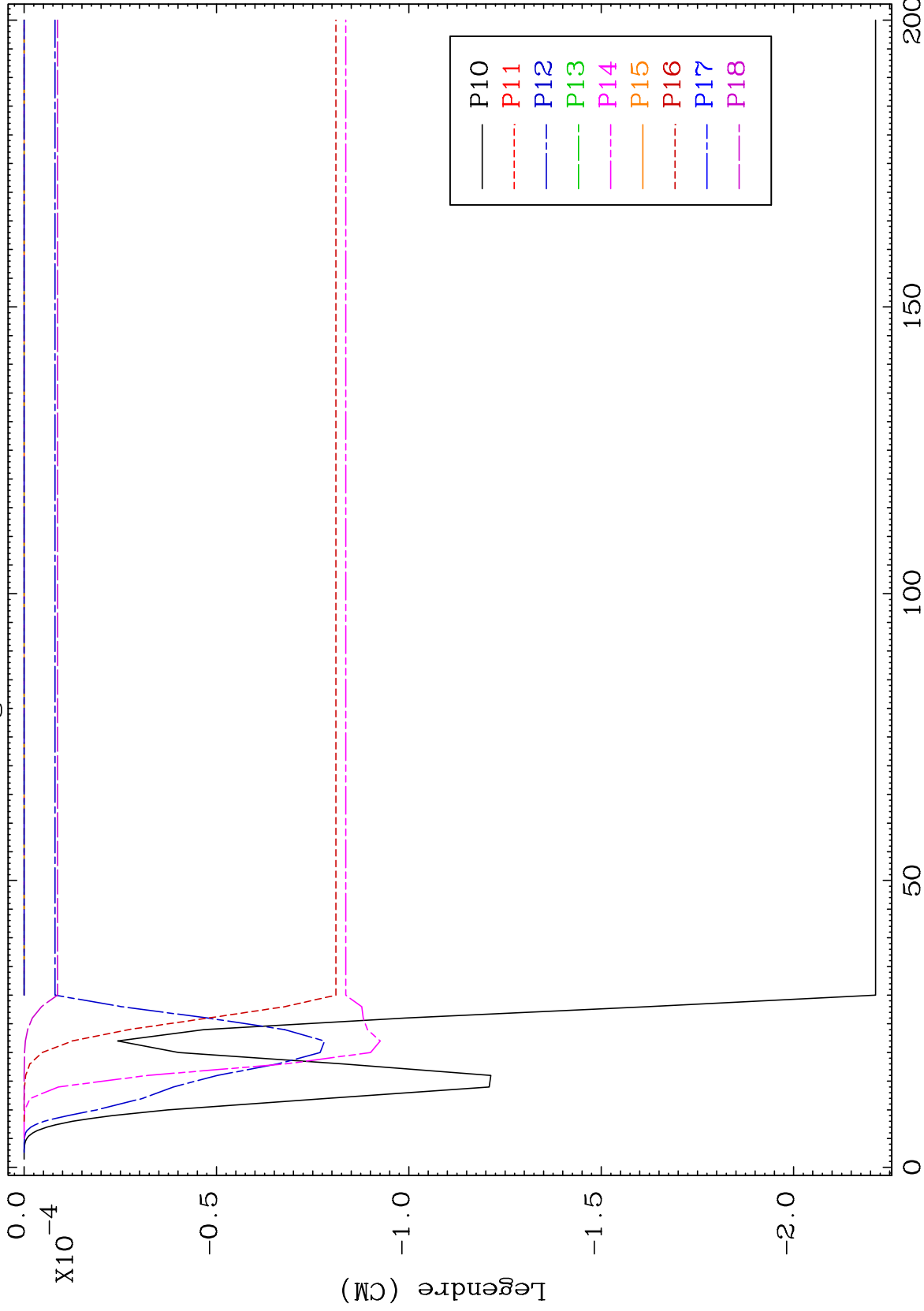


29 42-Mo-97

MAT 4240

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

42-Mo-97



30

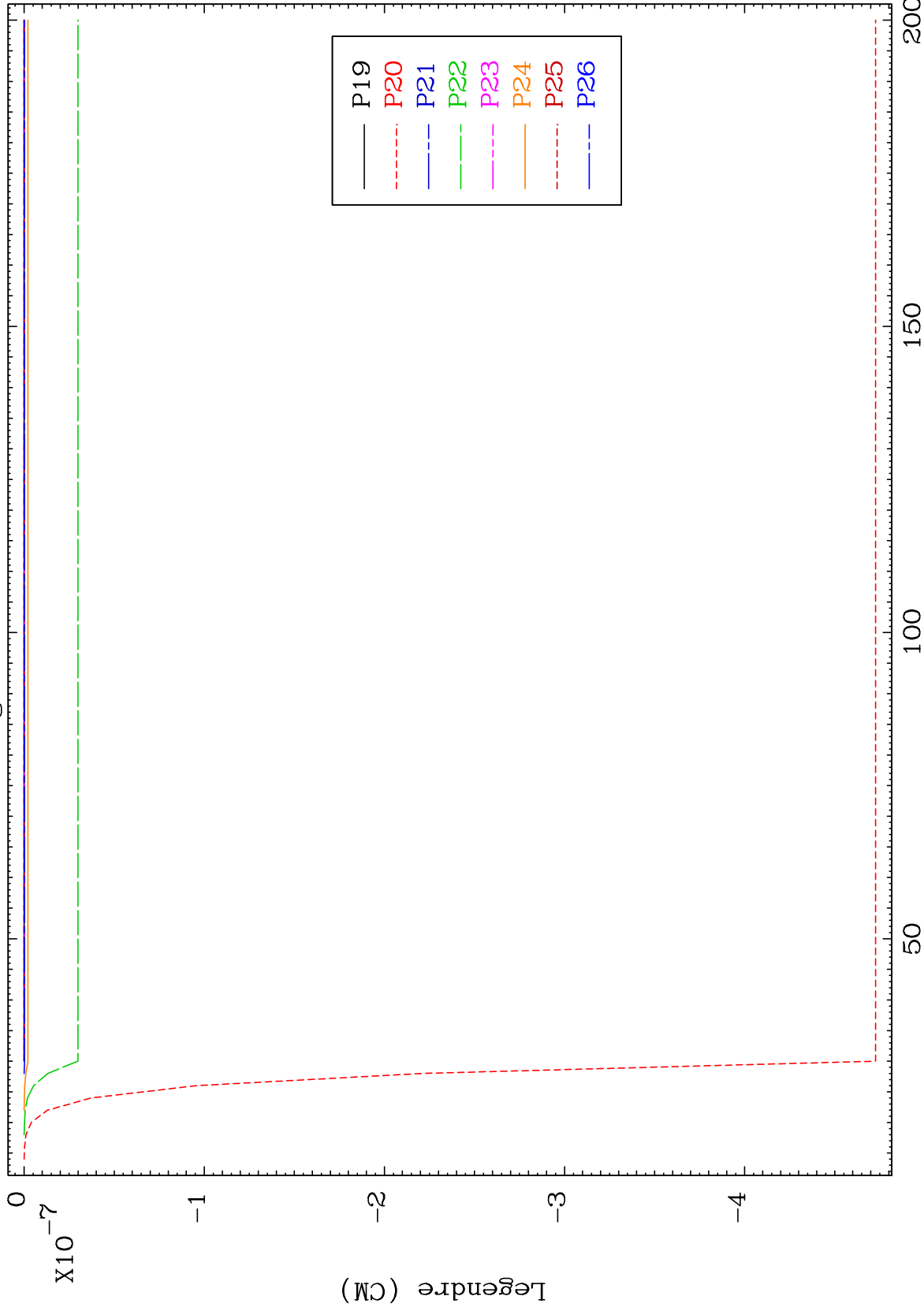
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



31

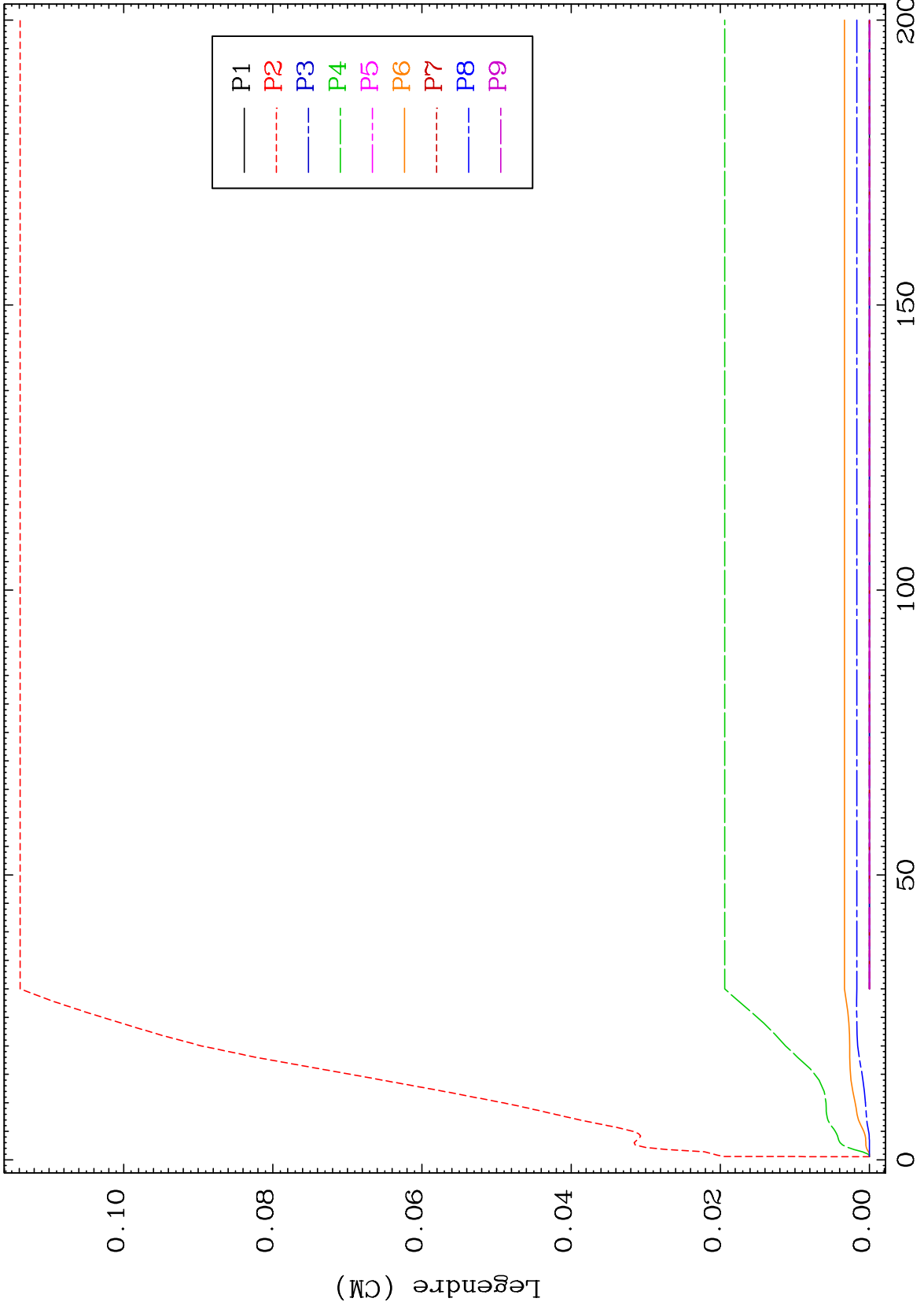
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

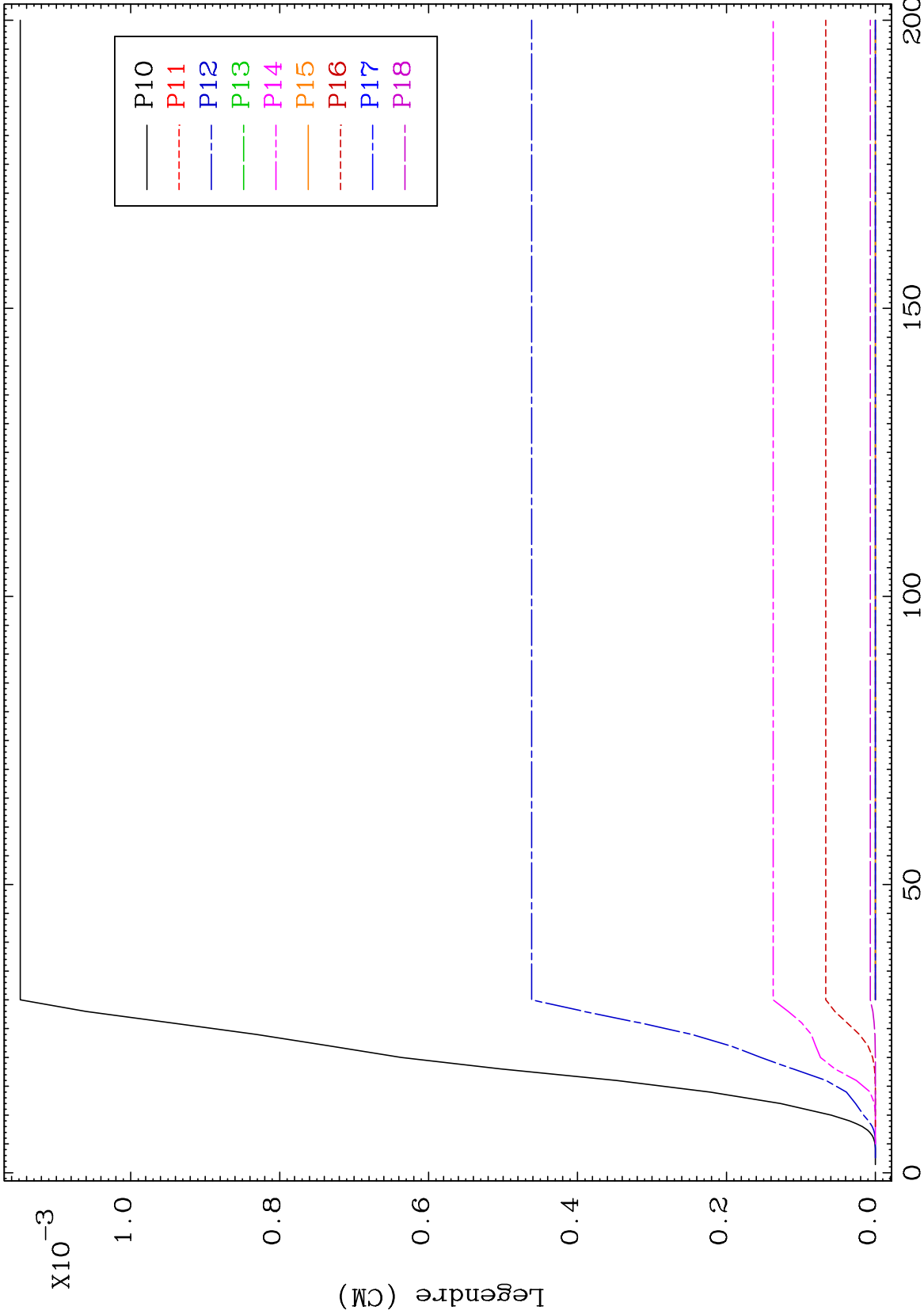
42-Mo-97



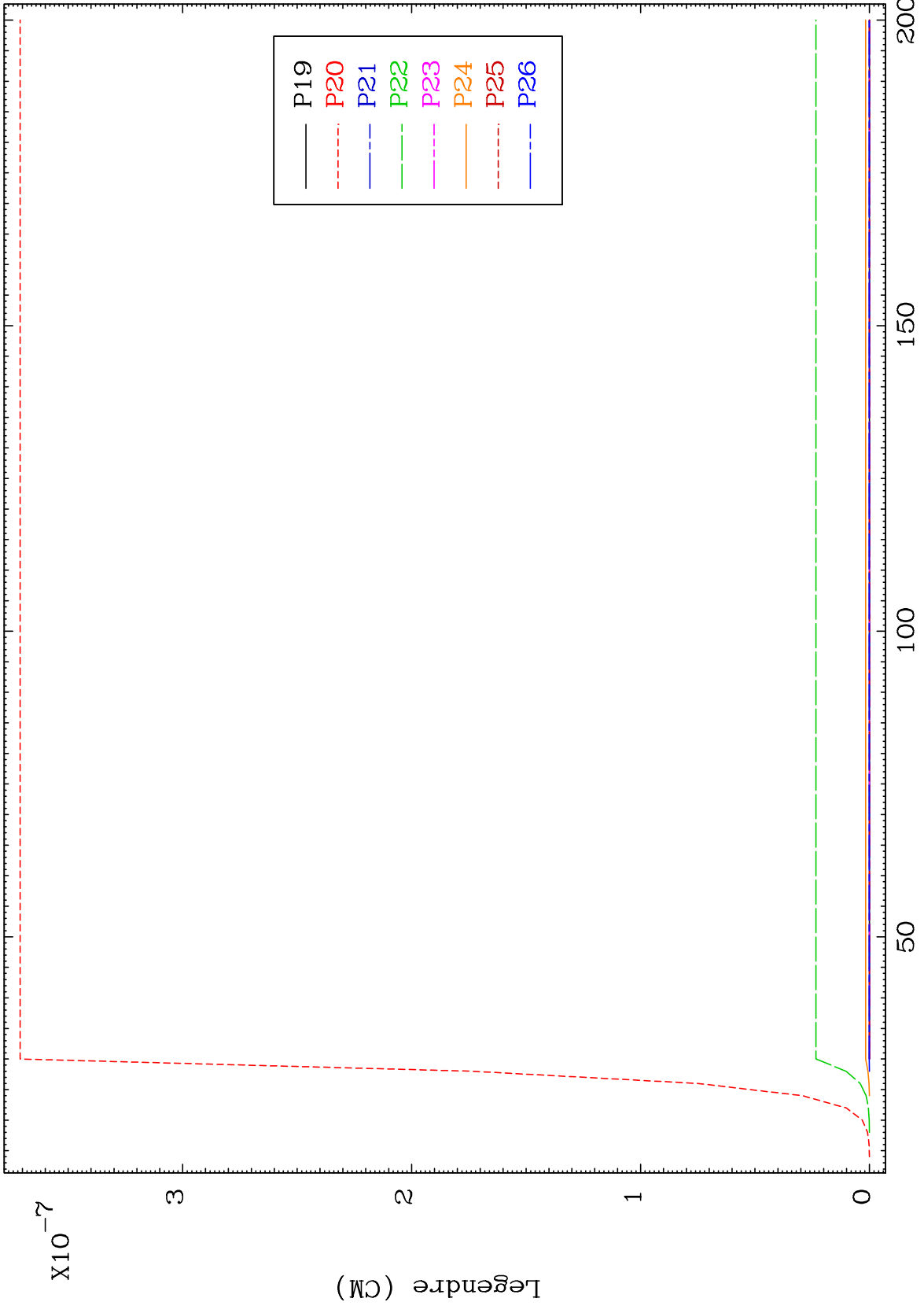
32

Incident Energy (MeV)

42-Mo-97

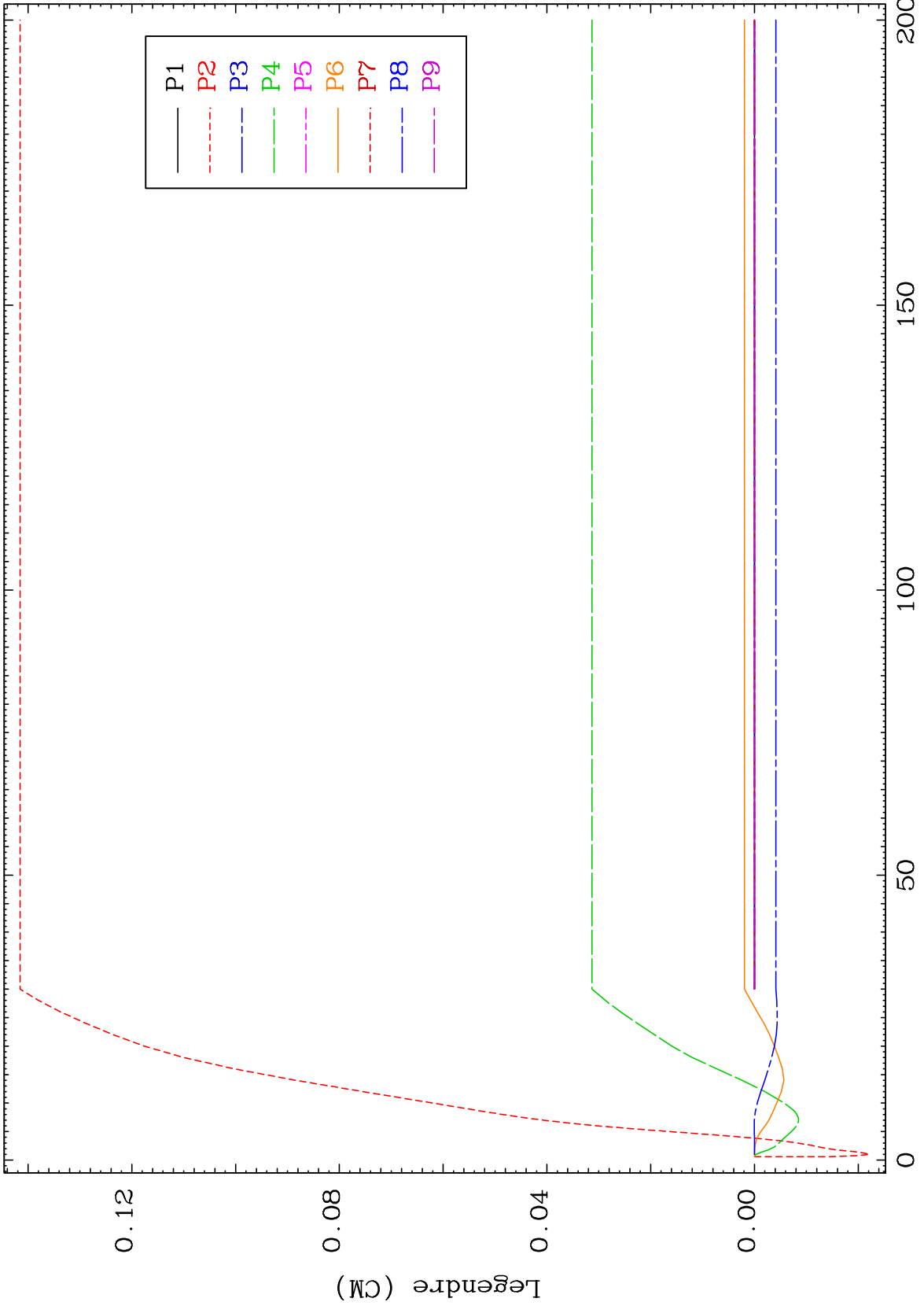


MAT 4240 MT= 55 (n,n') Level Legendre Coefficients 42-Mo-97



34 42-Mo-97

MAT 4240 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-97

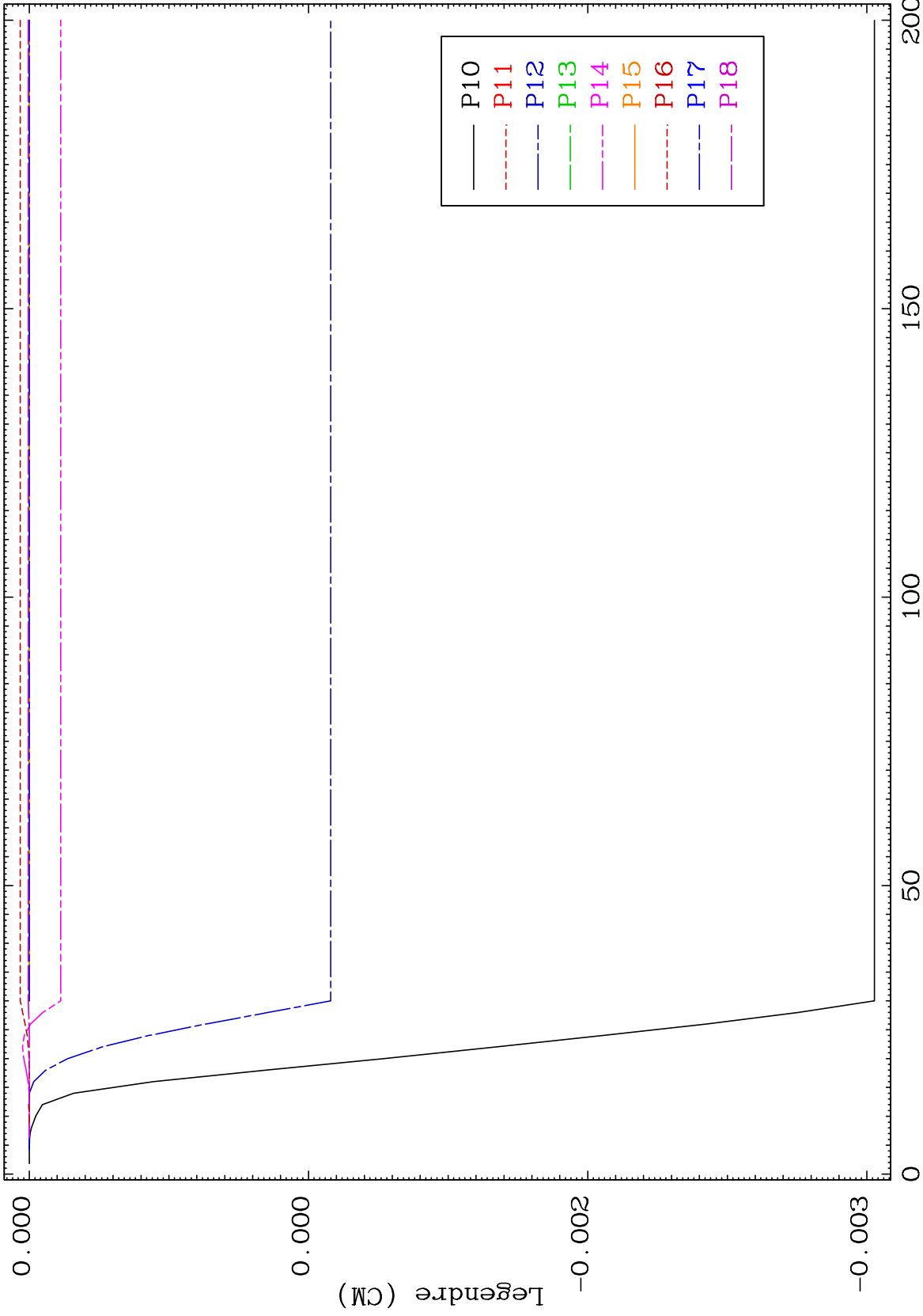


35 Incident Energy (MeV) 42-Mo-97

MAT 4240

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

42-Mo-97



36

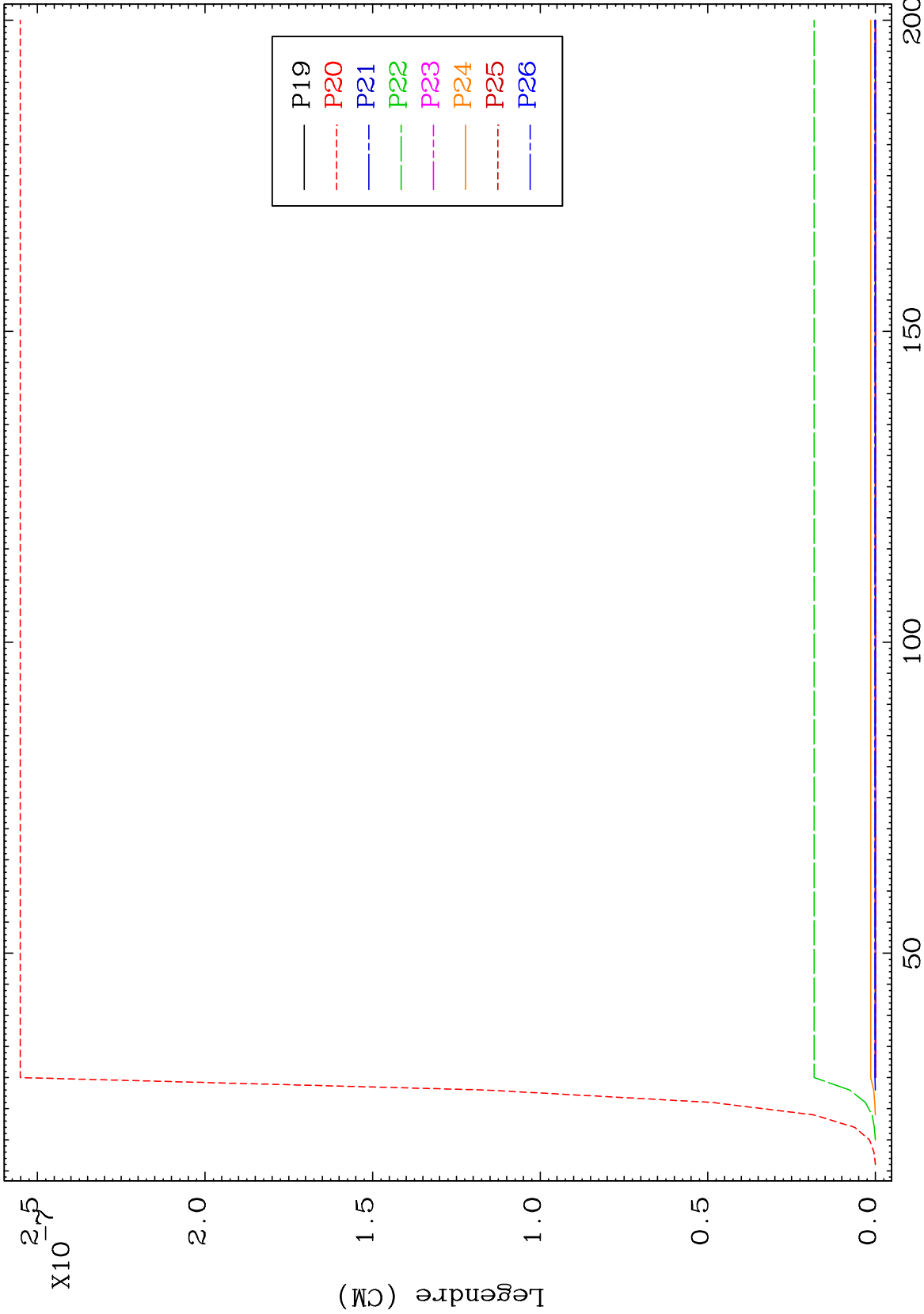
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



37

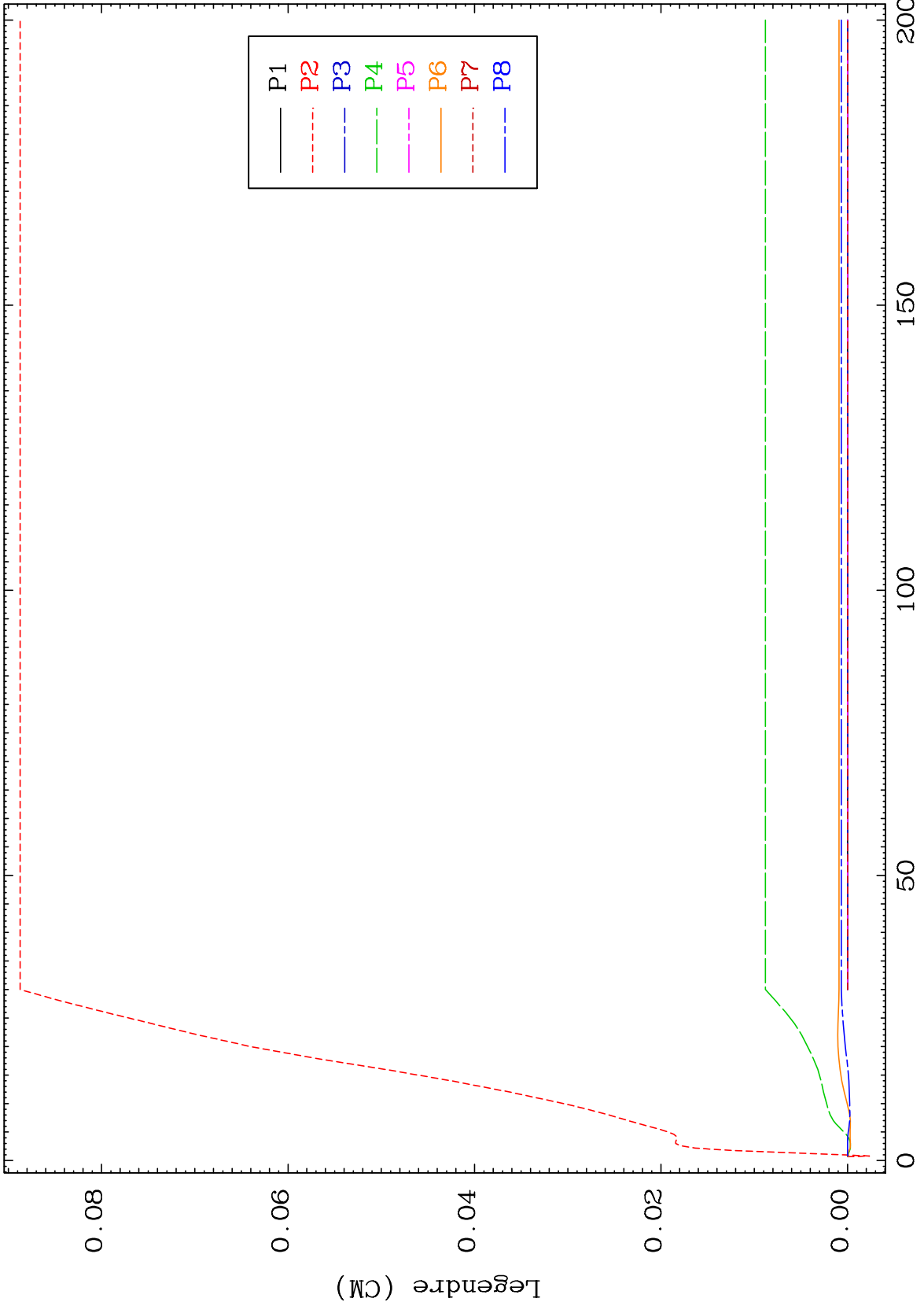
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



38

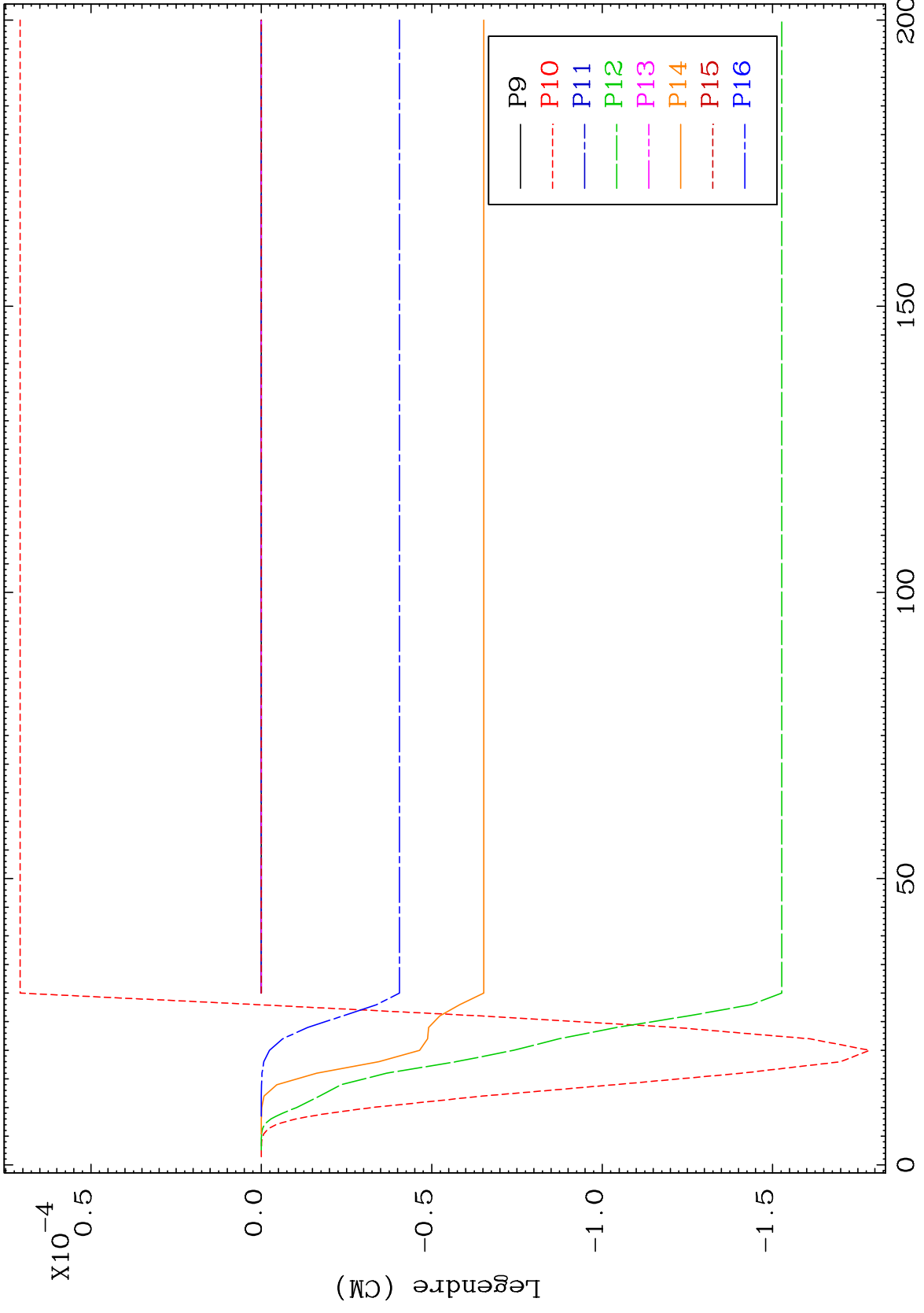
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



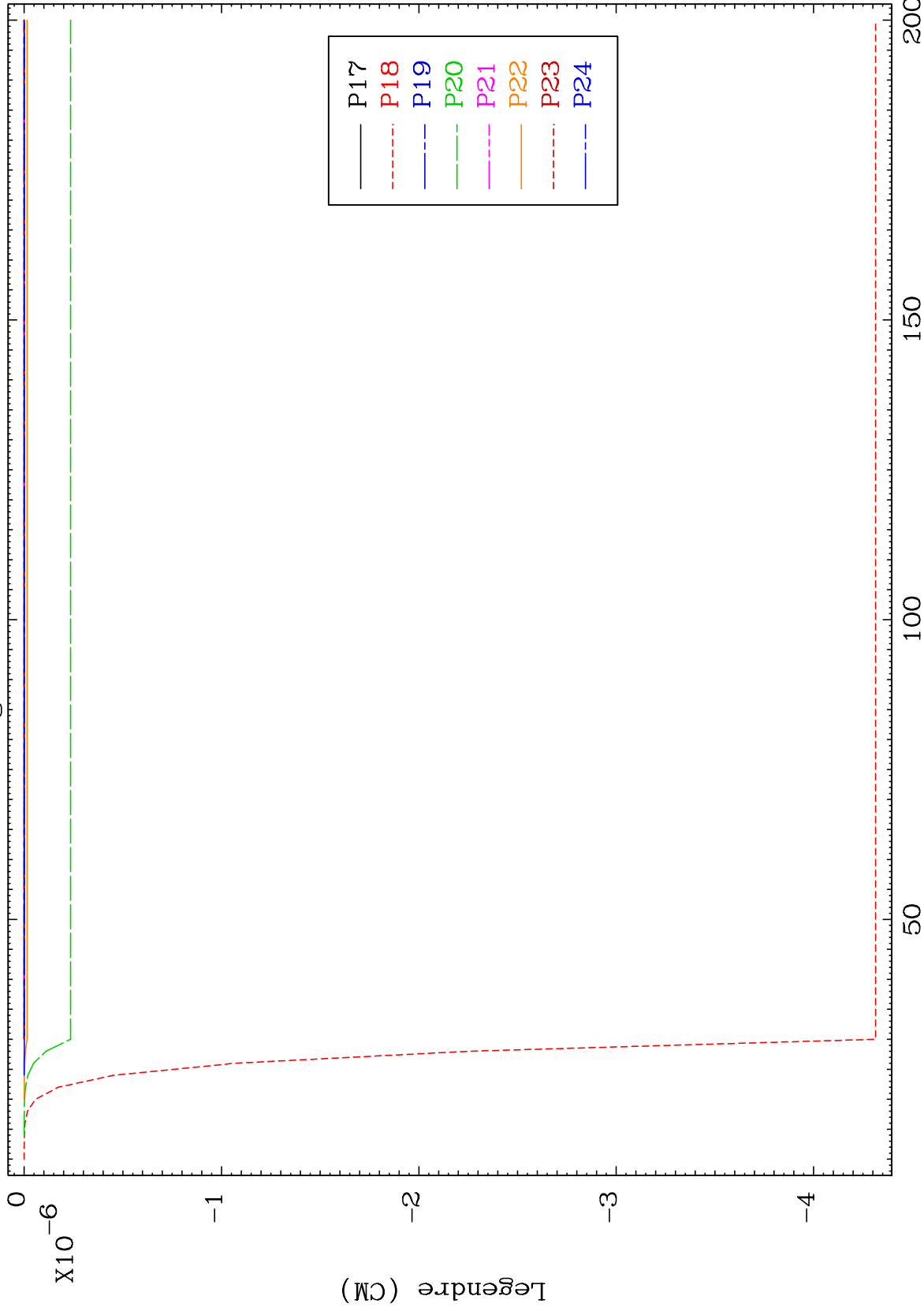
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42-Mo-97

MAT 4240

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

42-Mo-97



42-Mo-97

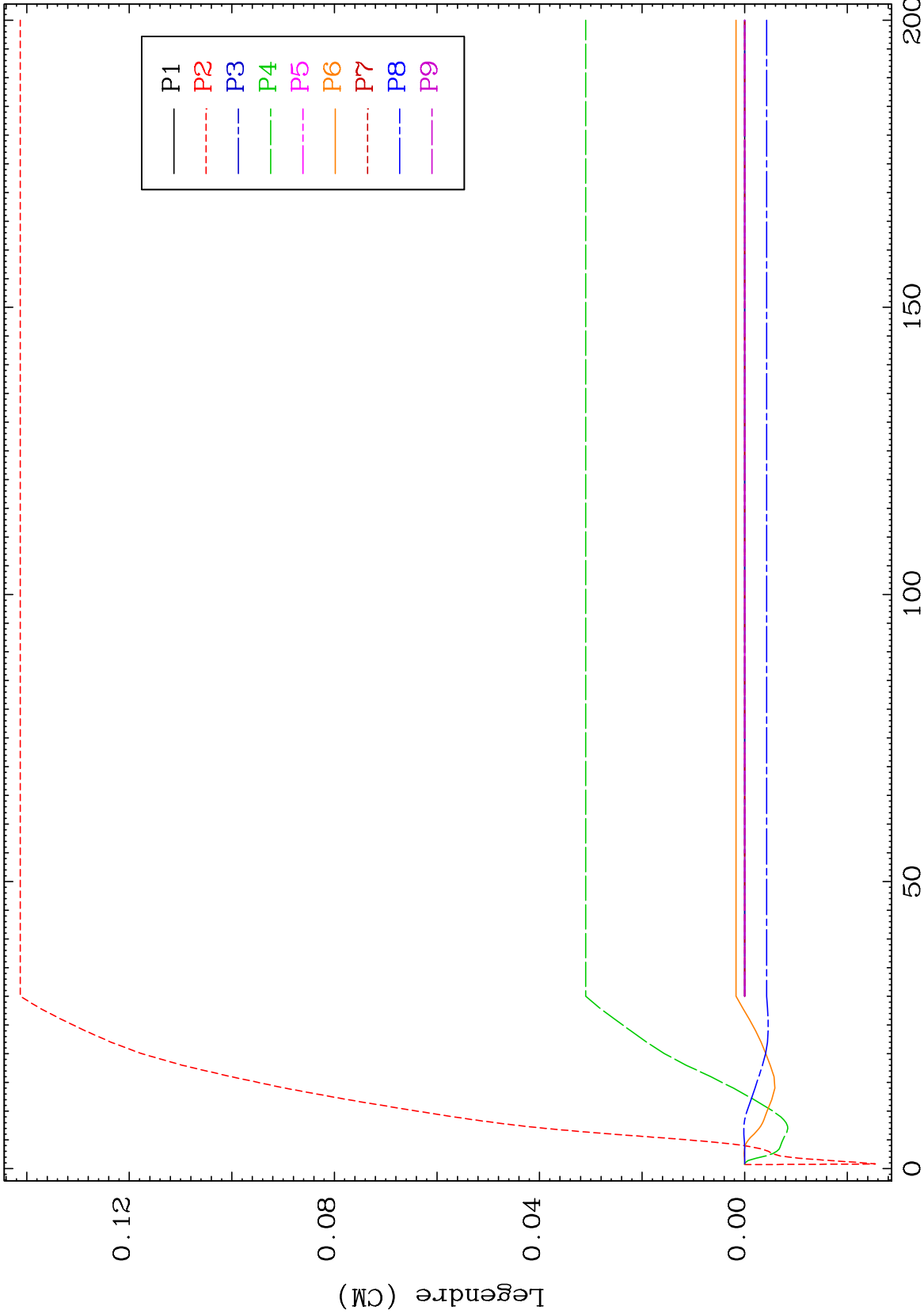
Incident Energy (MeV)

40

MAT 4240

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

42-Mo-97



41

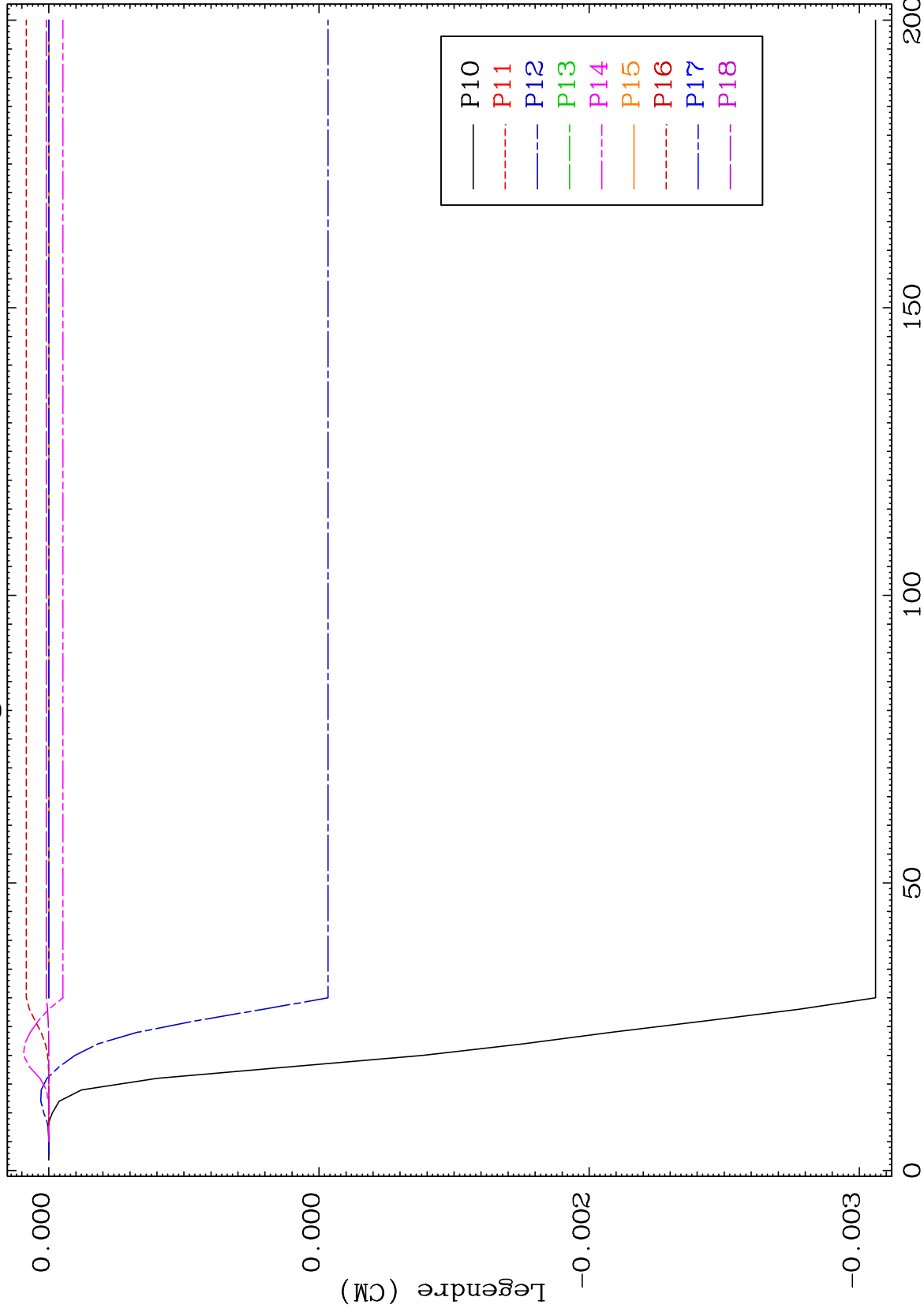
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

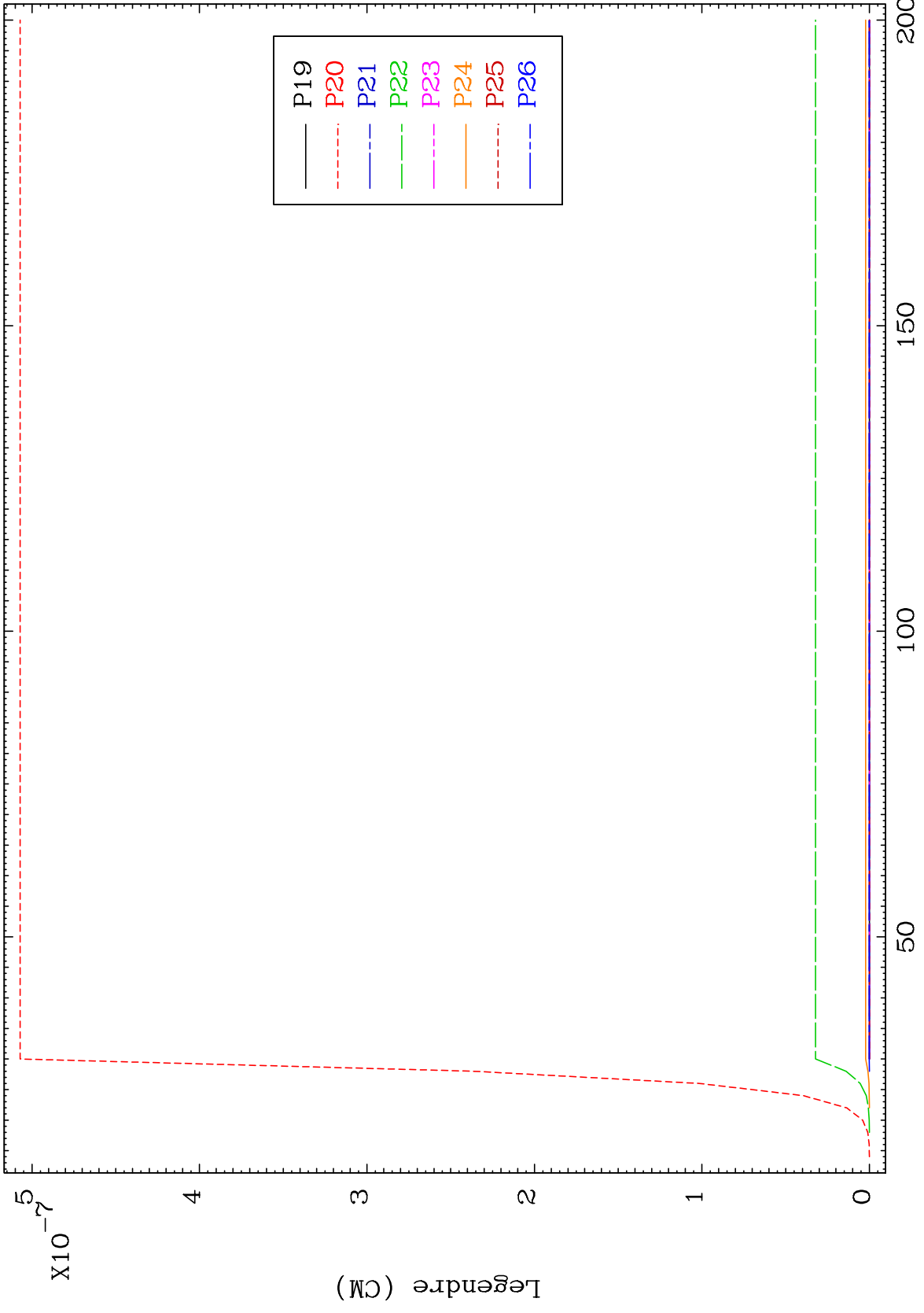


42

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 58 (n,n') Level Legendre Coefficients 42-Mo-97

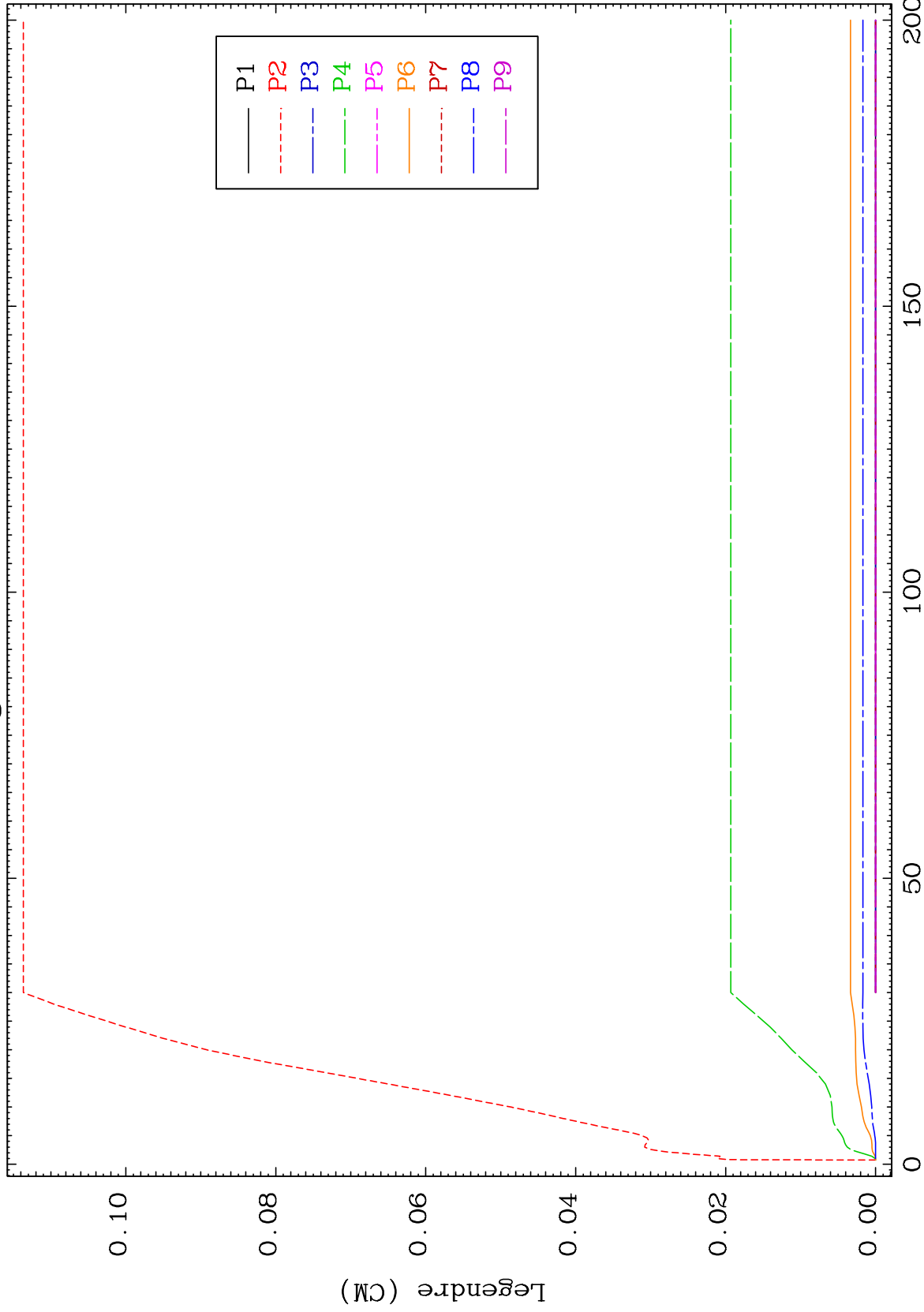


43 42-Mo-97

MAT 4240

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

42-Mo-97



44

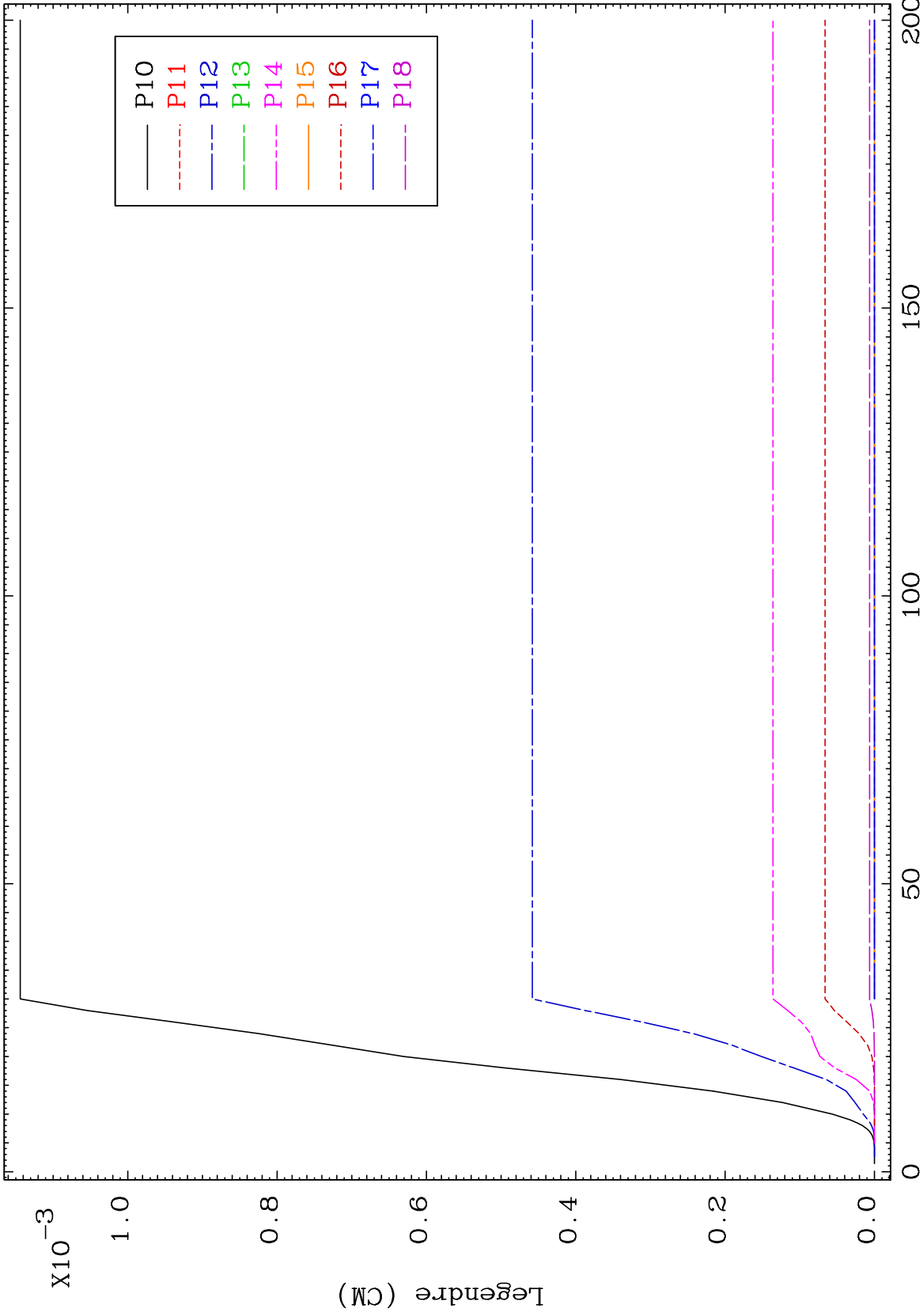
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

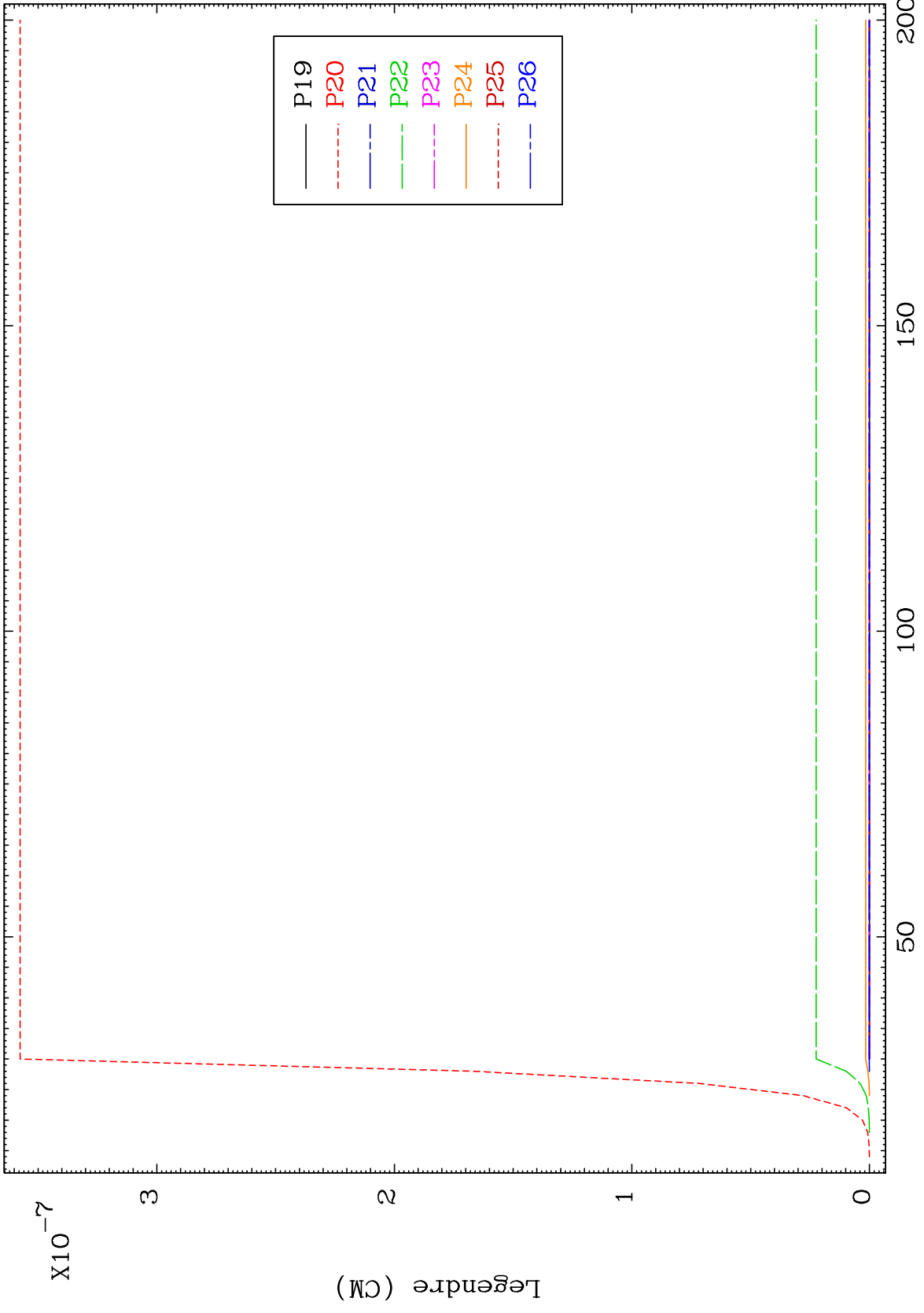


45

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 59 (n,n') Level Legendre Coefficients 42-Mo-97

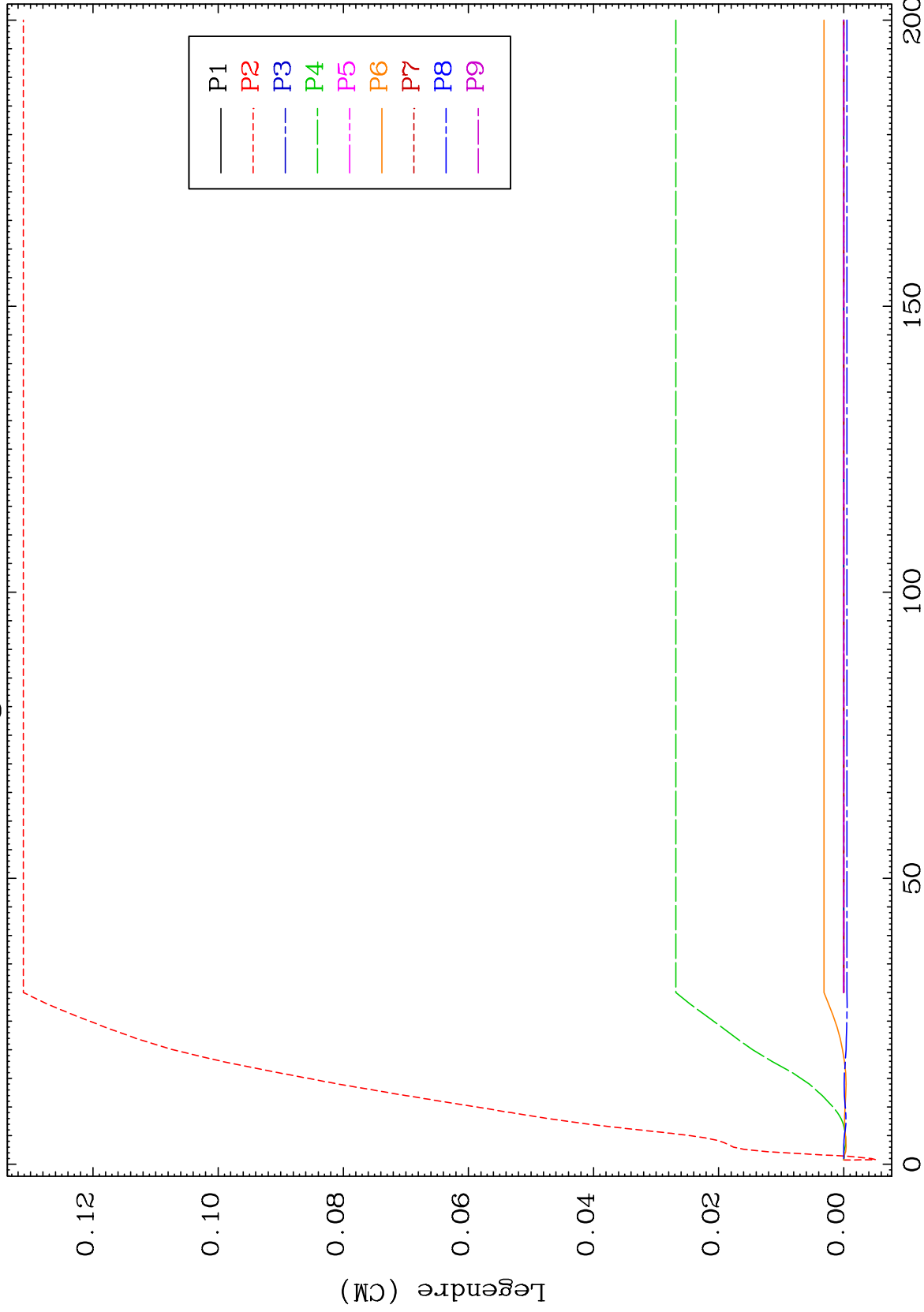


46 42-Mo-97

MAT 4240

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

42-Mo-97



47

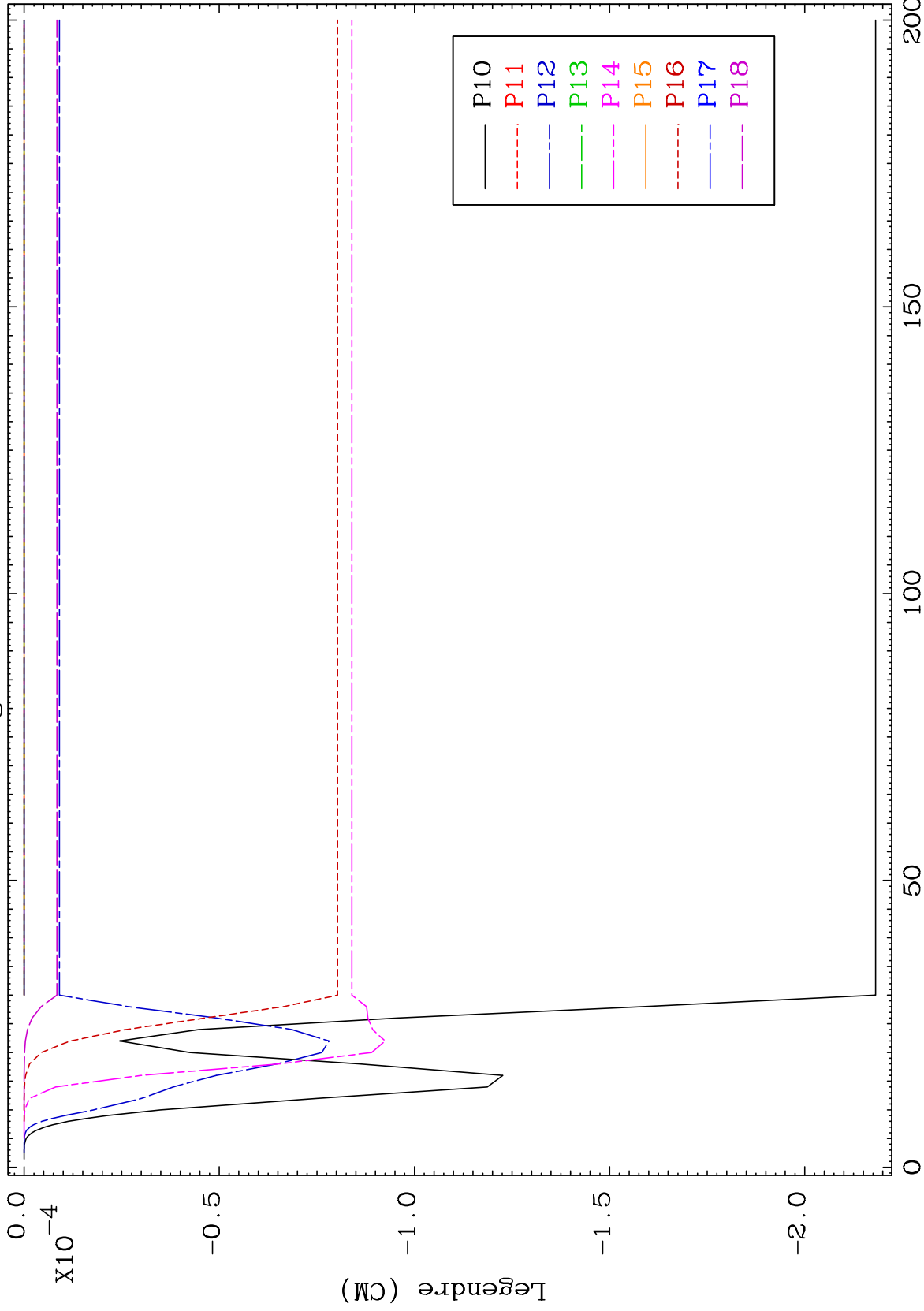
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



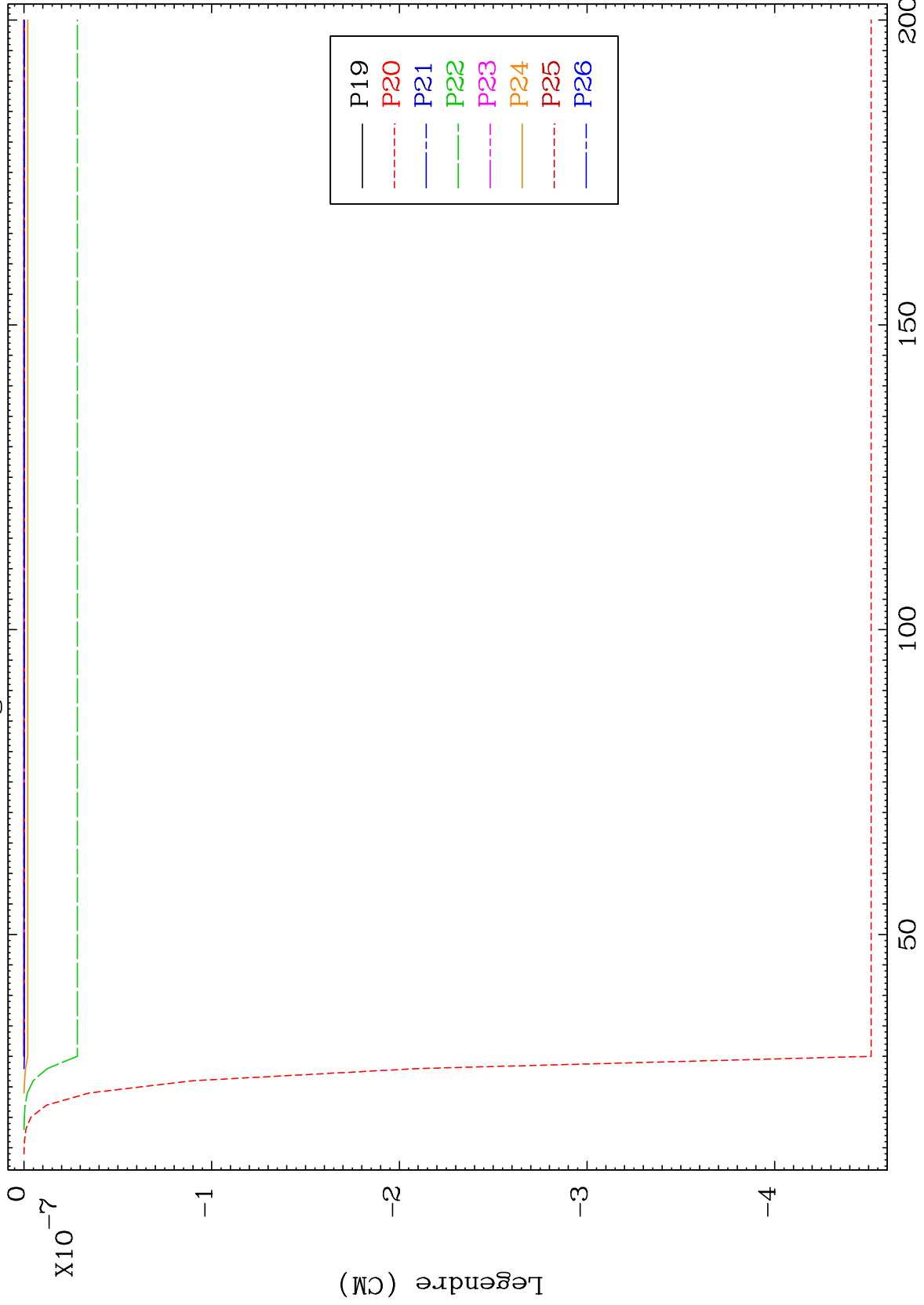
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42-Mo-97

MAT 4240

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

42-Mo-97



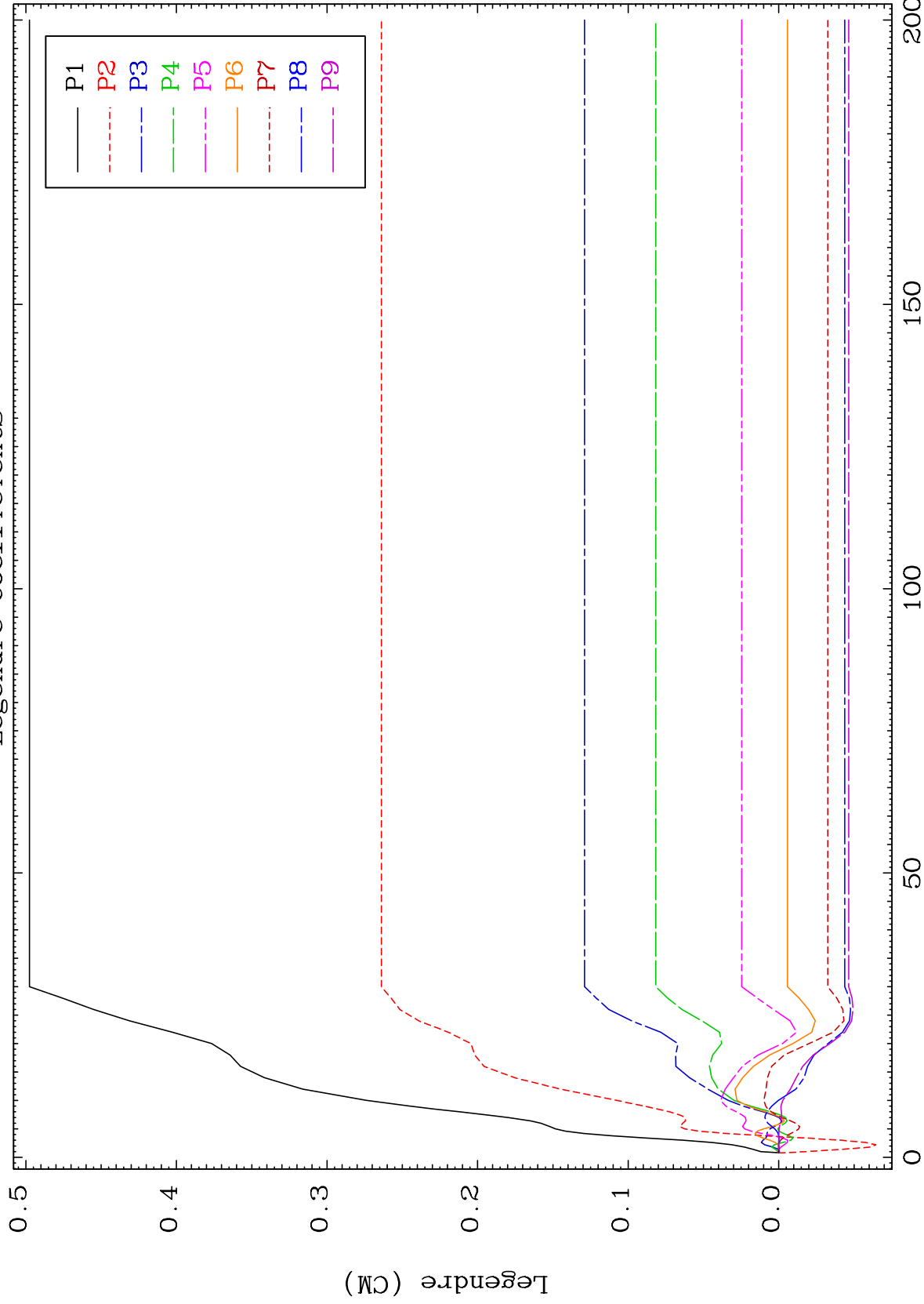
49

42-Mo-97

MAT 4240

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

42-Mo-97



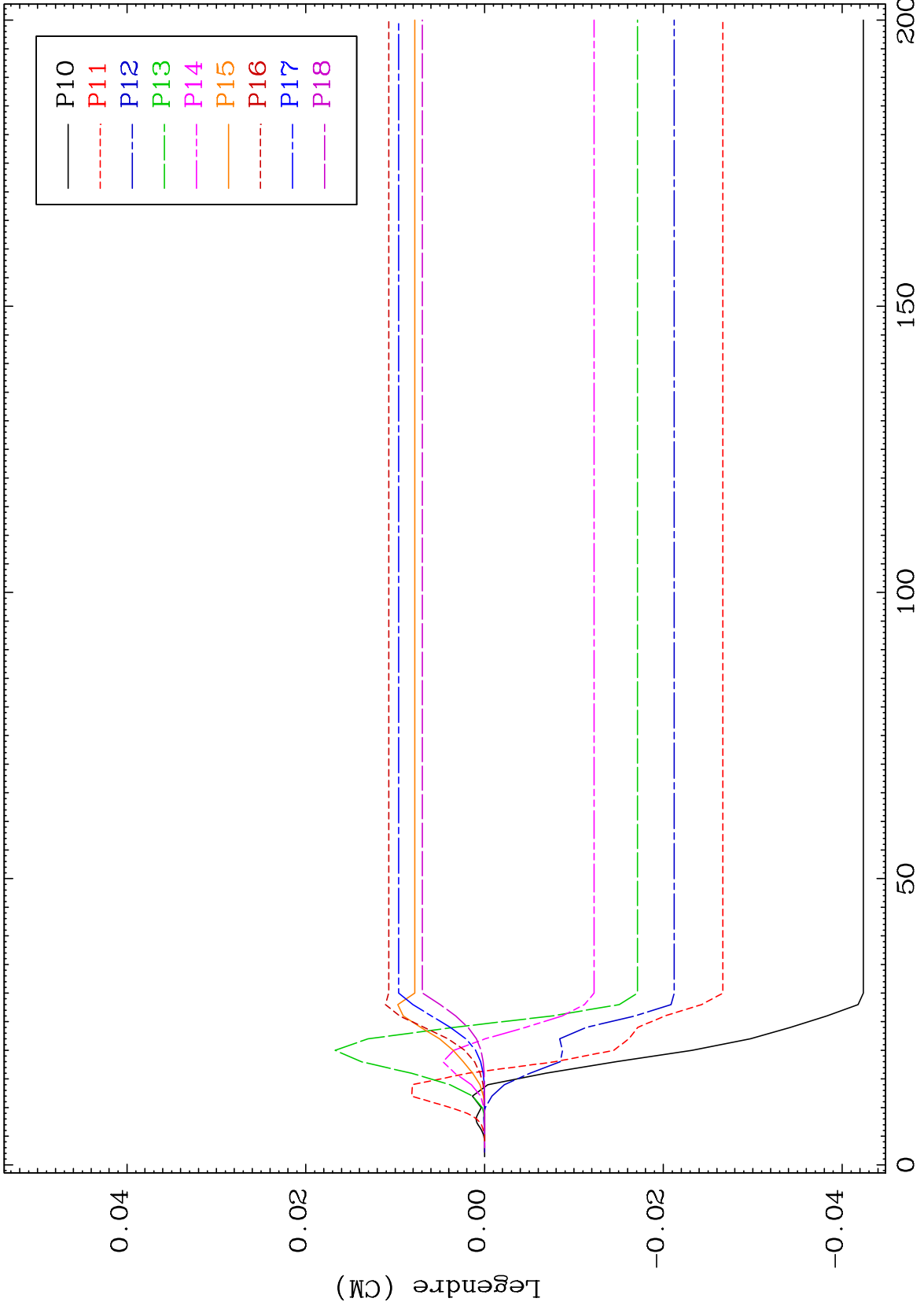
42-Mo-97

Incident Energy (MeV)

MAT 4240

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

42-Mo-97



51

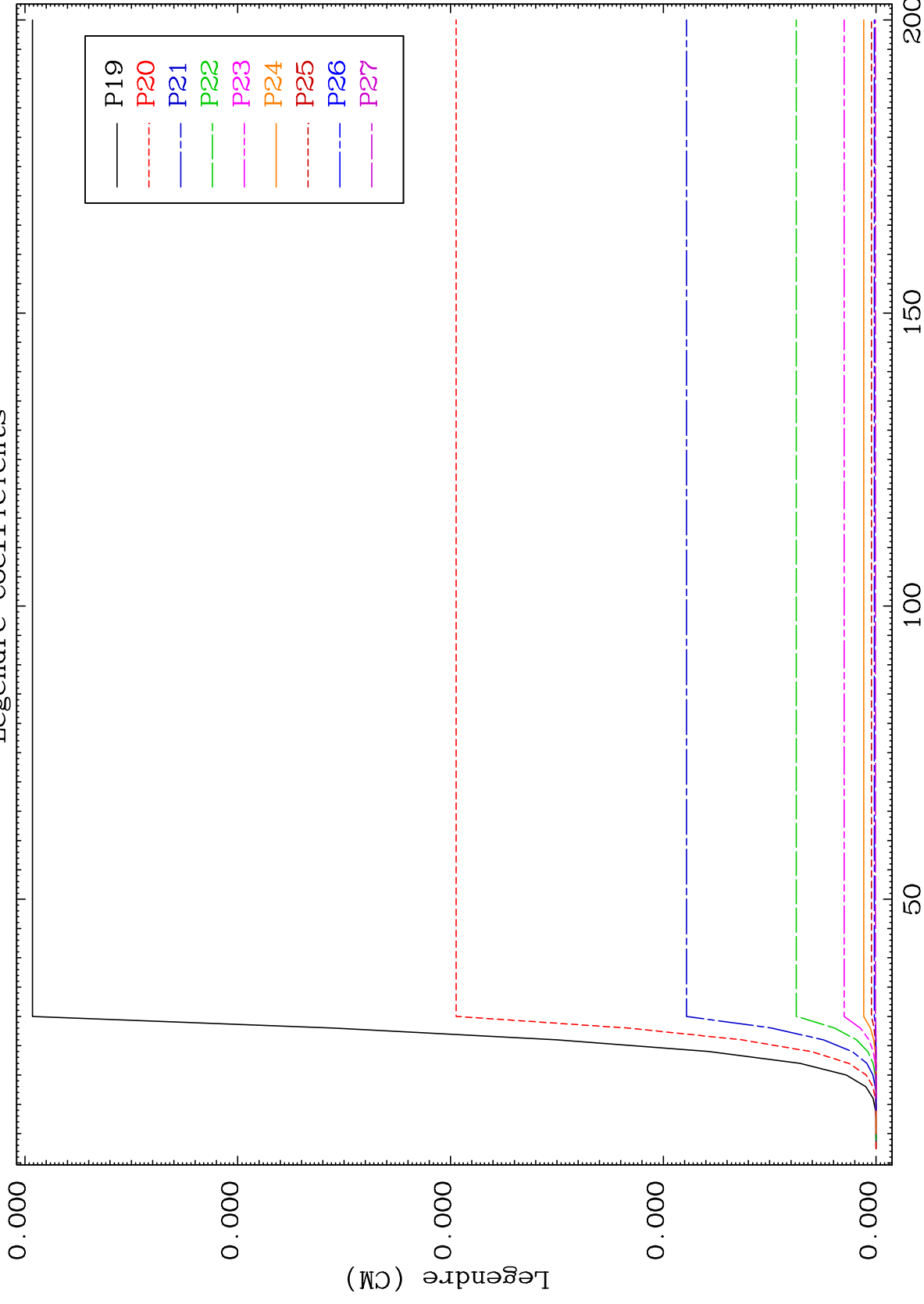
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

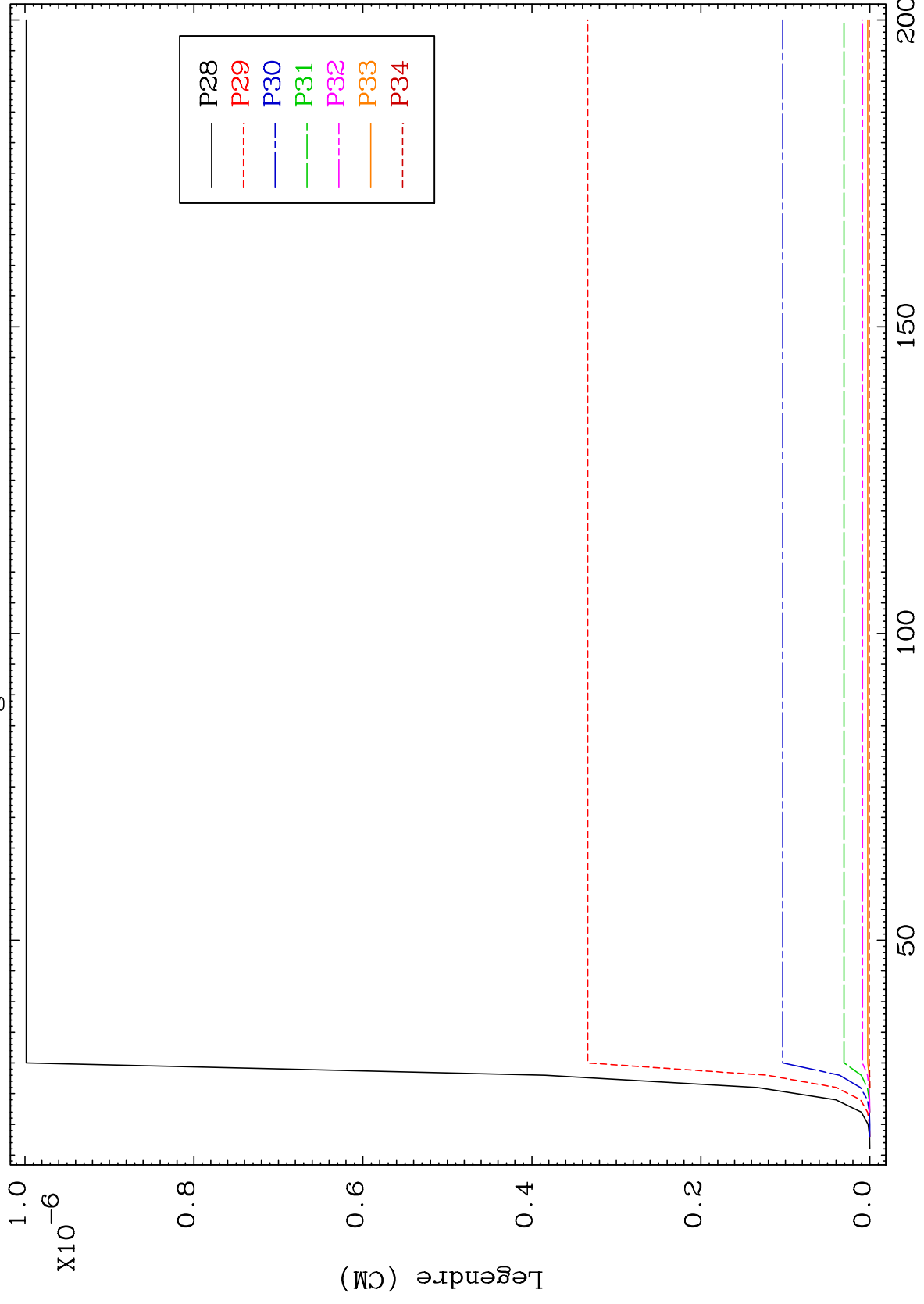
42-Mo-97



42-Mo-97

Incident Energy (MeV)

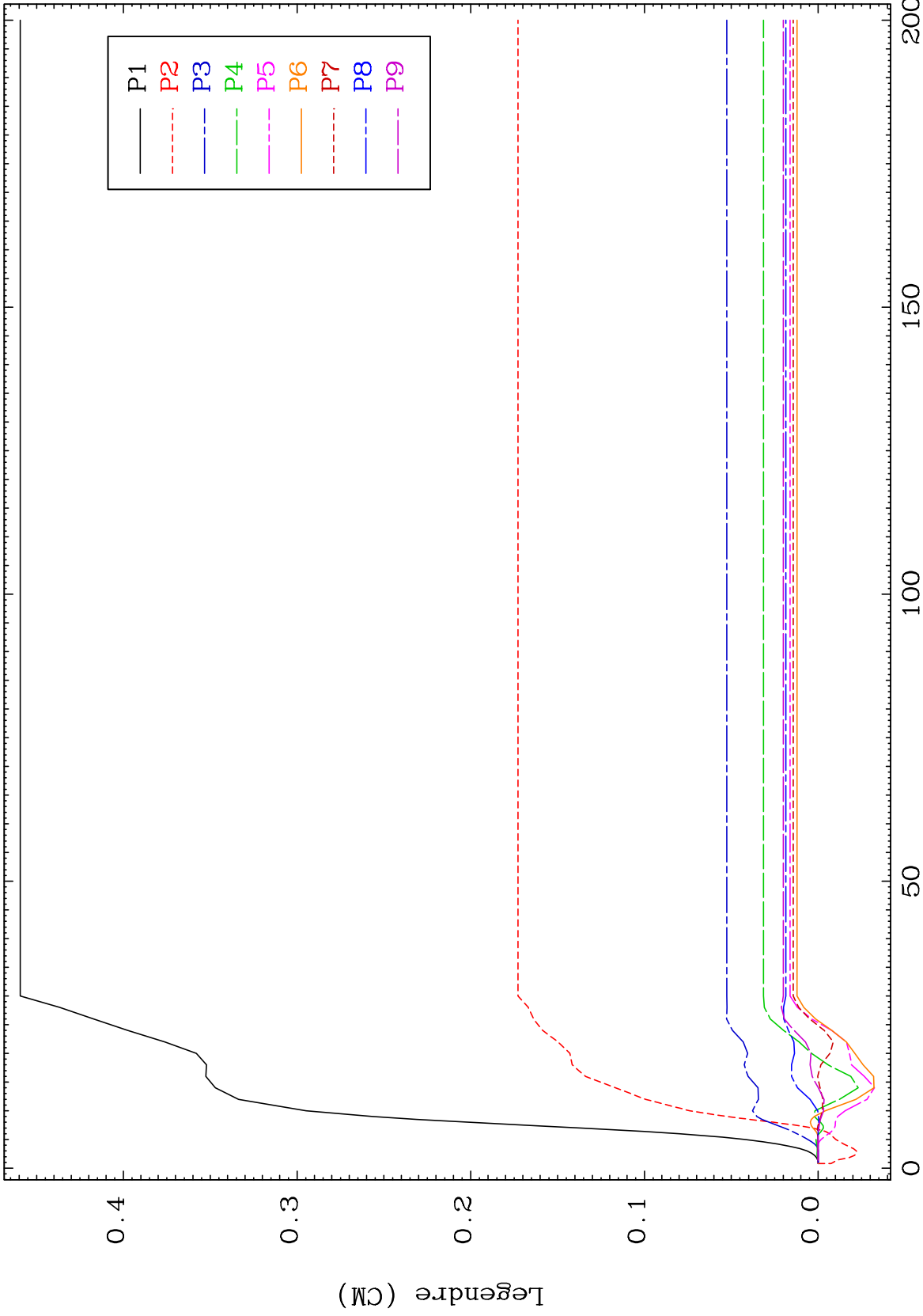
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MAT 4240

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

42-Mo-97



54

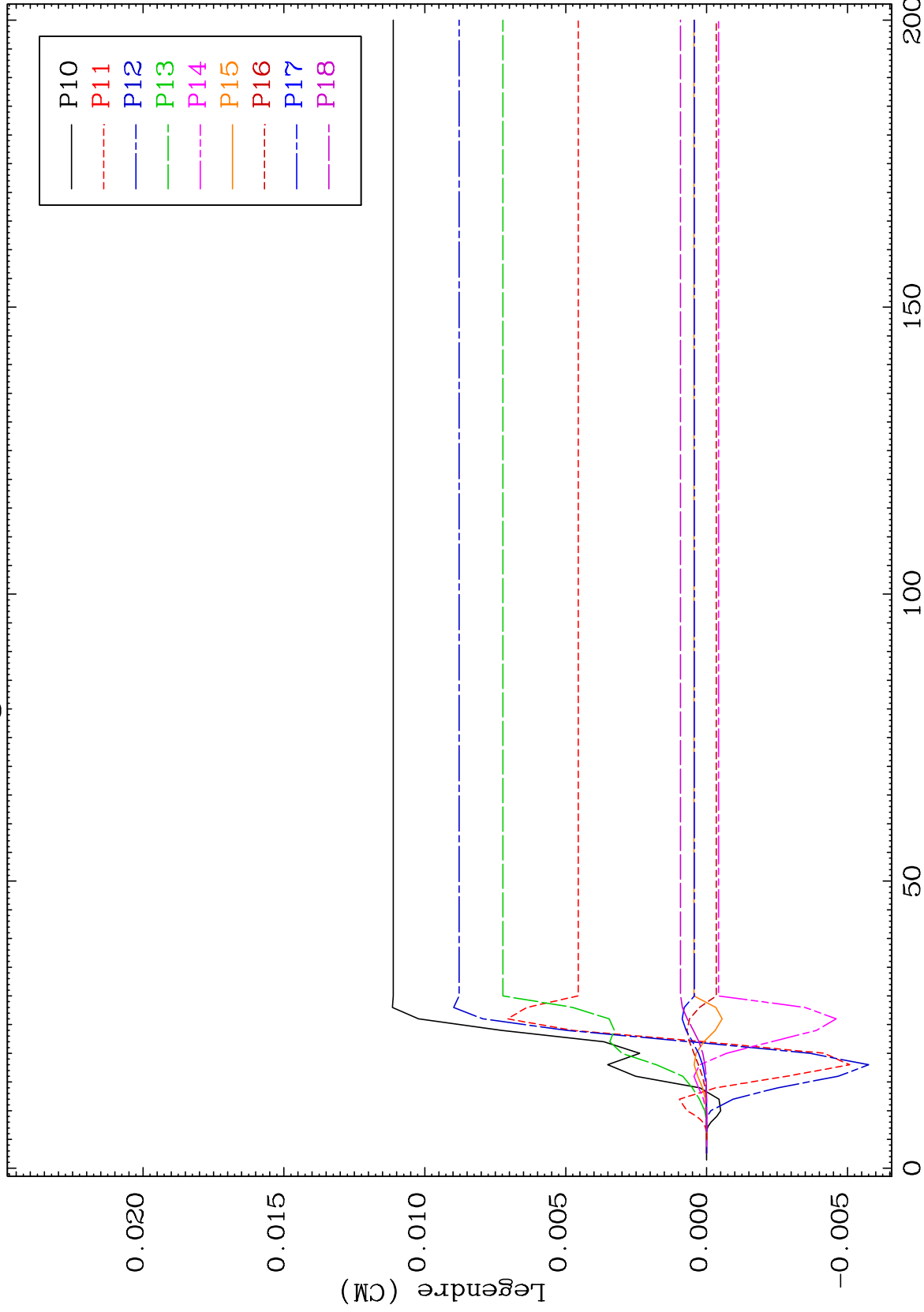
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



55

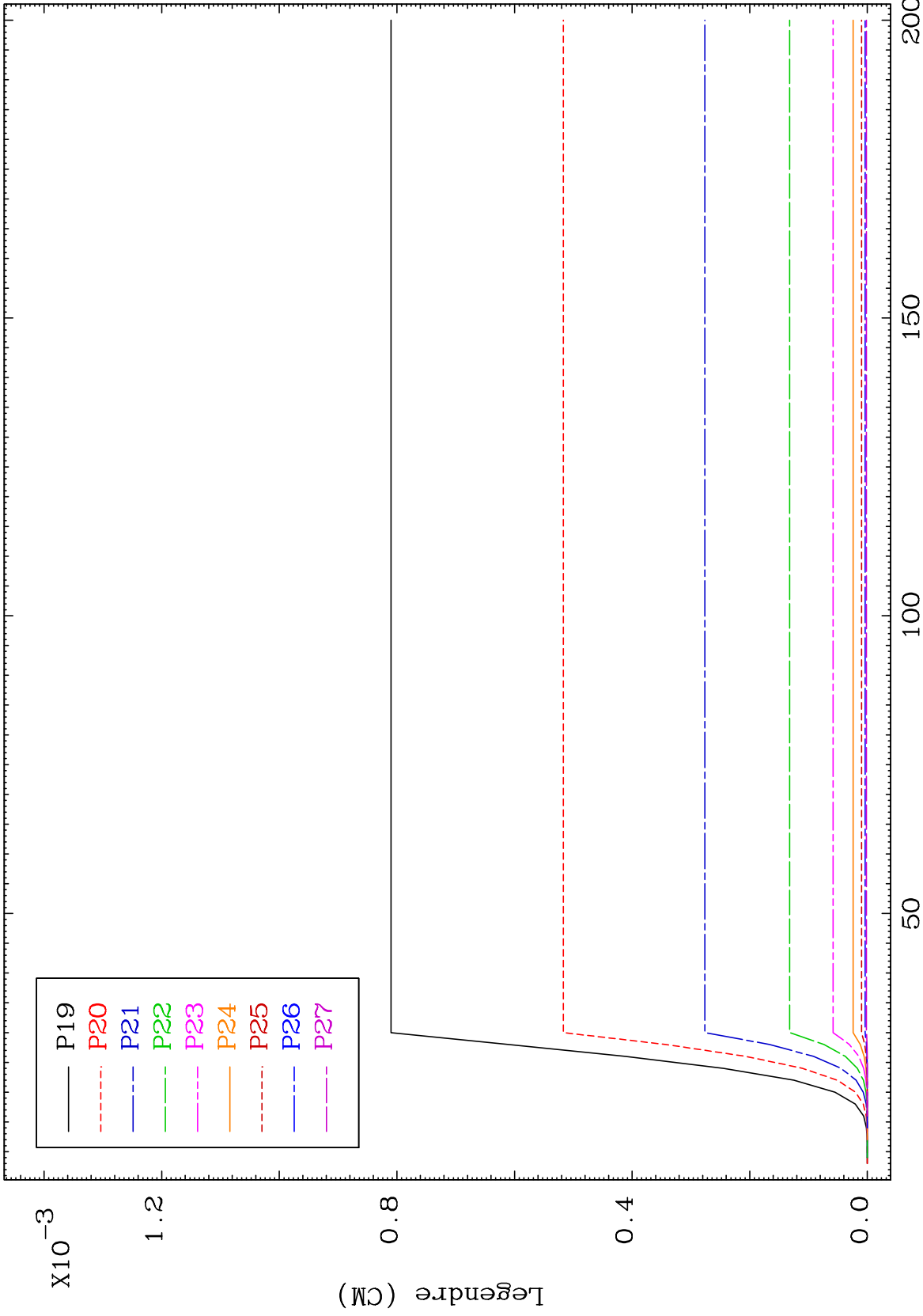
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



56

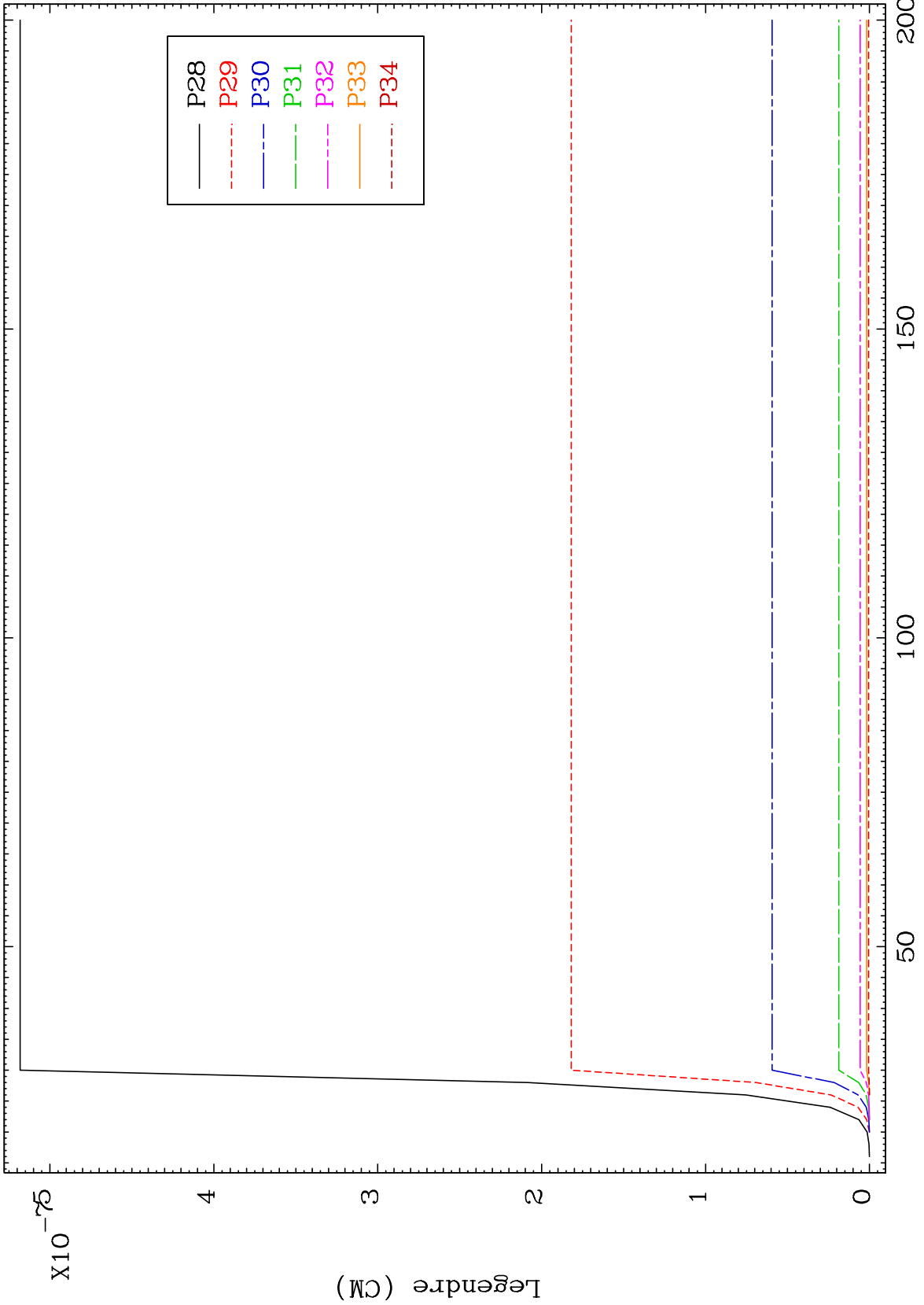
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



57

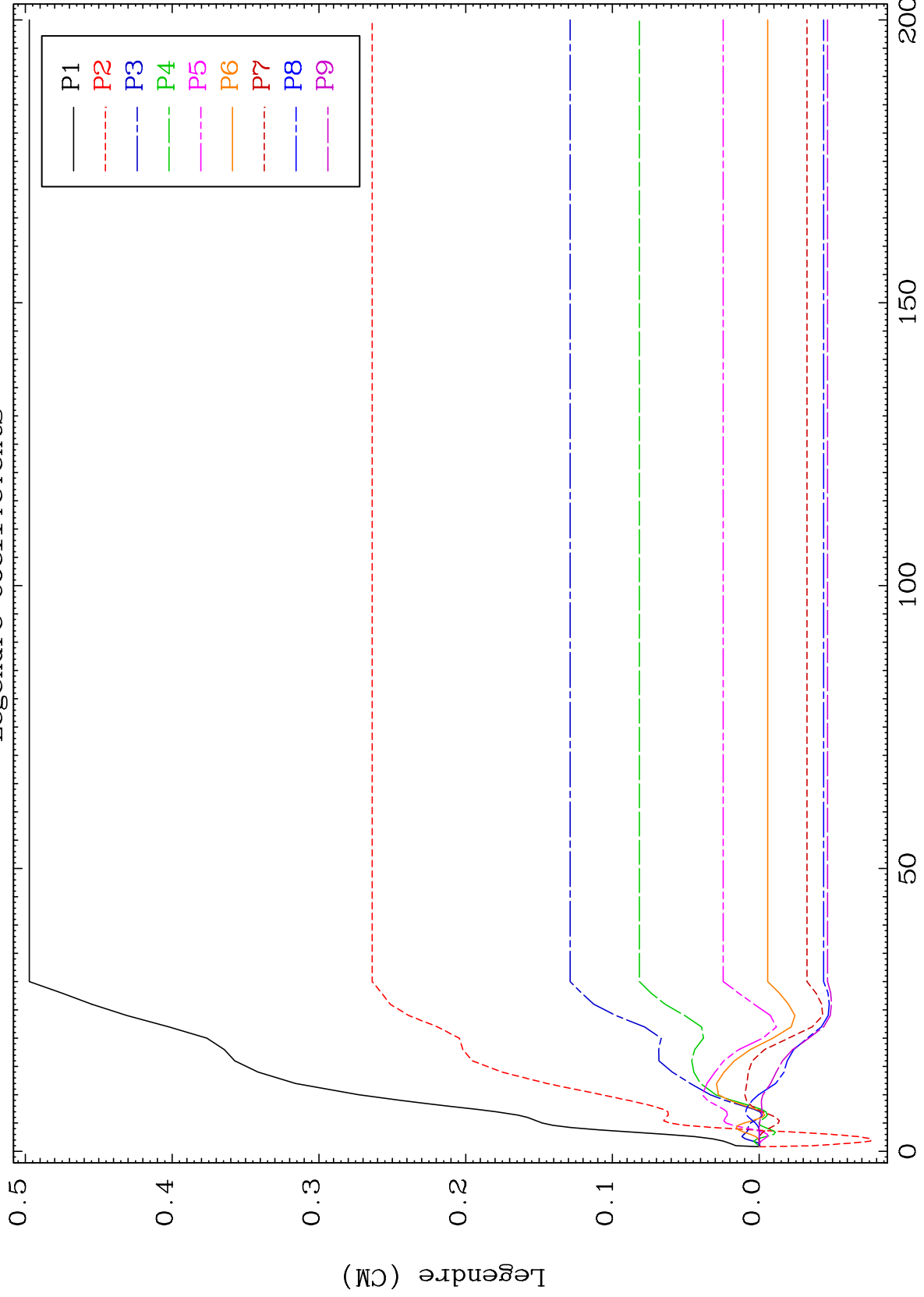
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



58

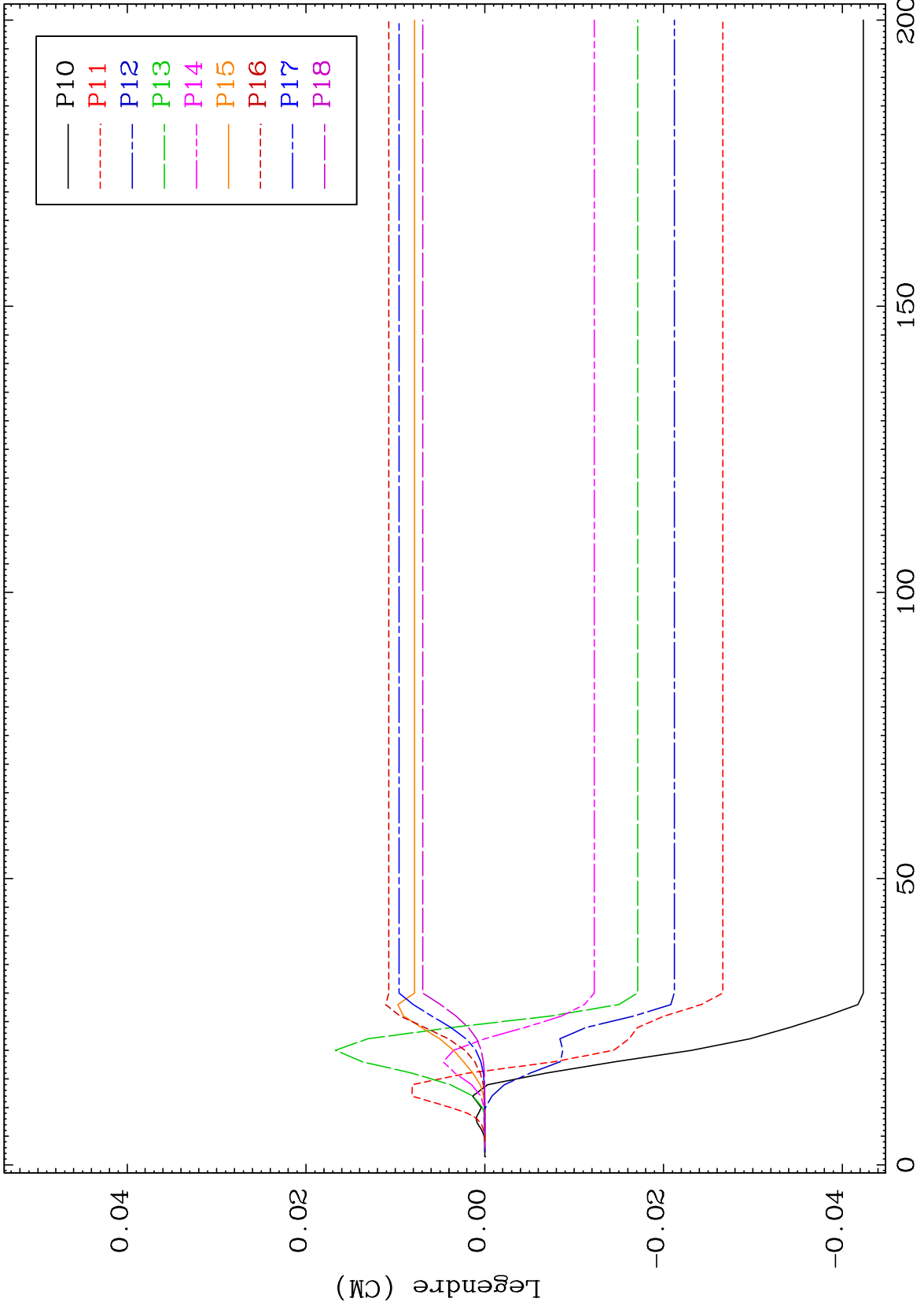
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



59

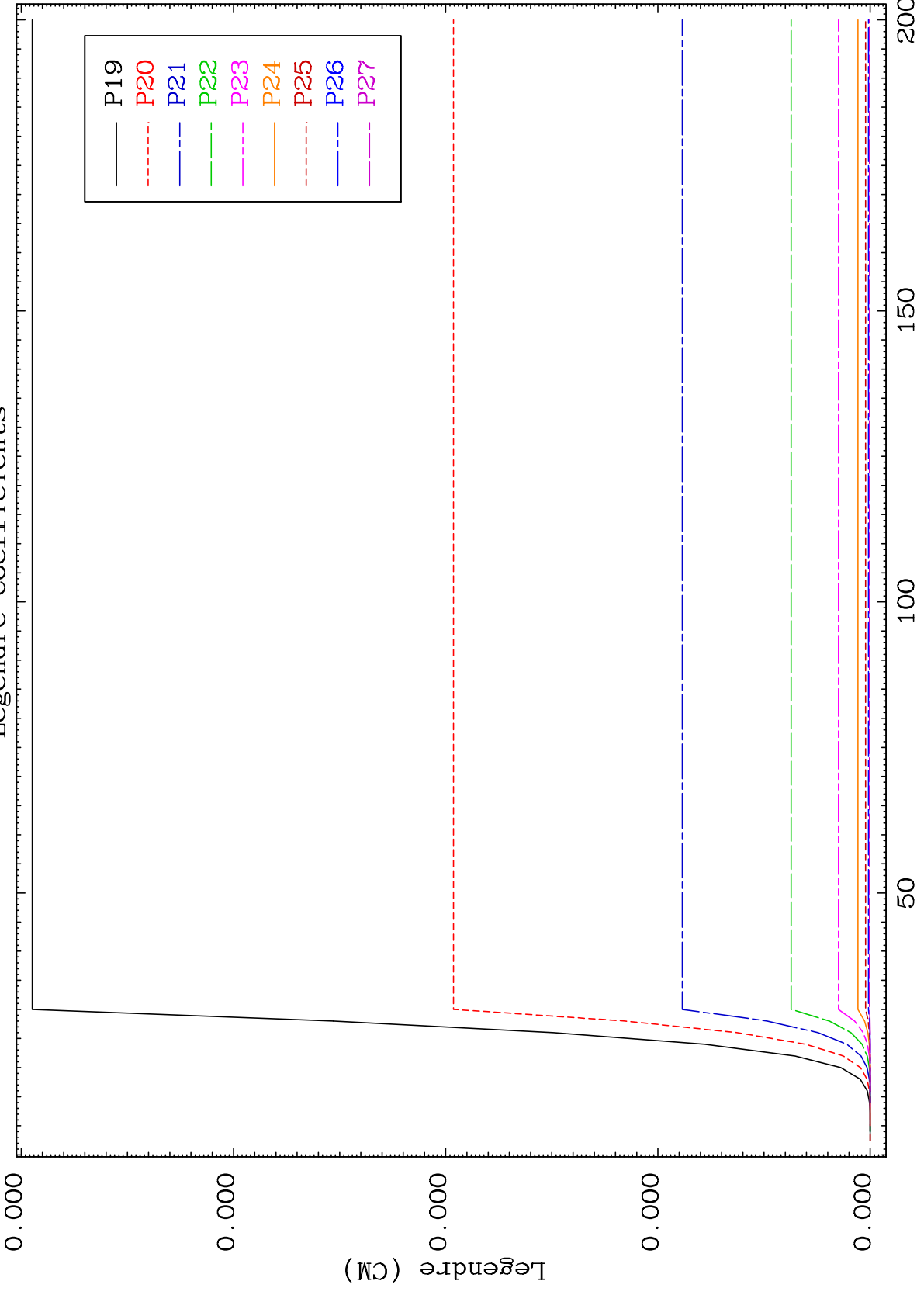
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

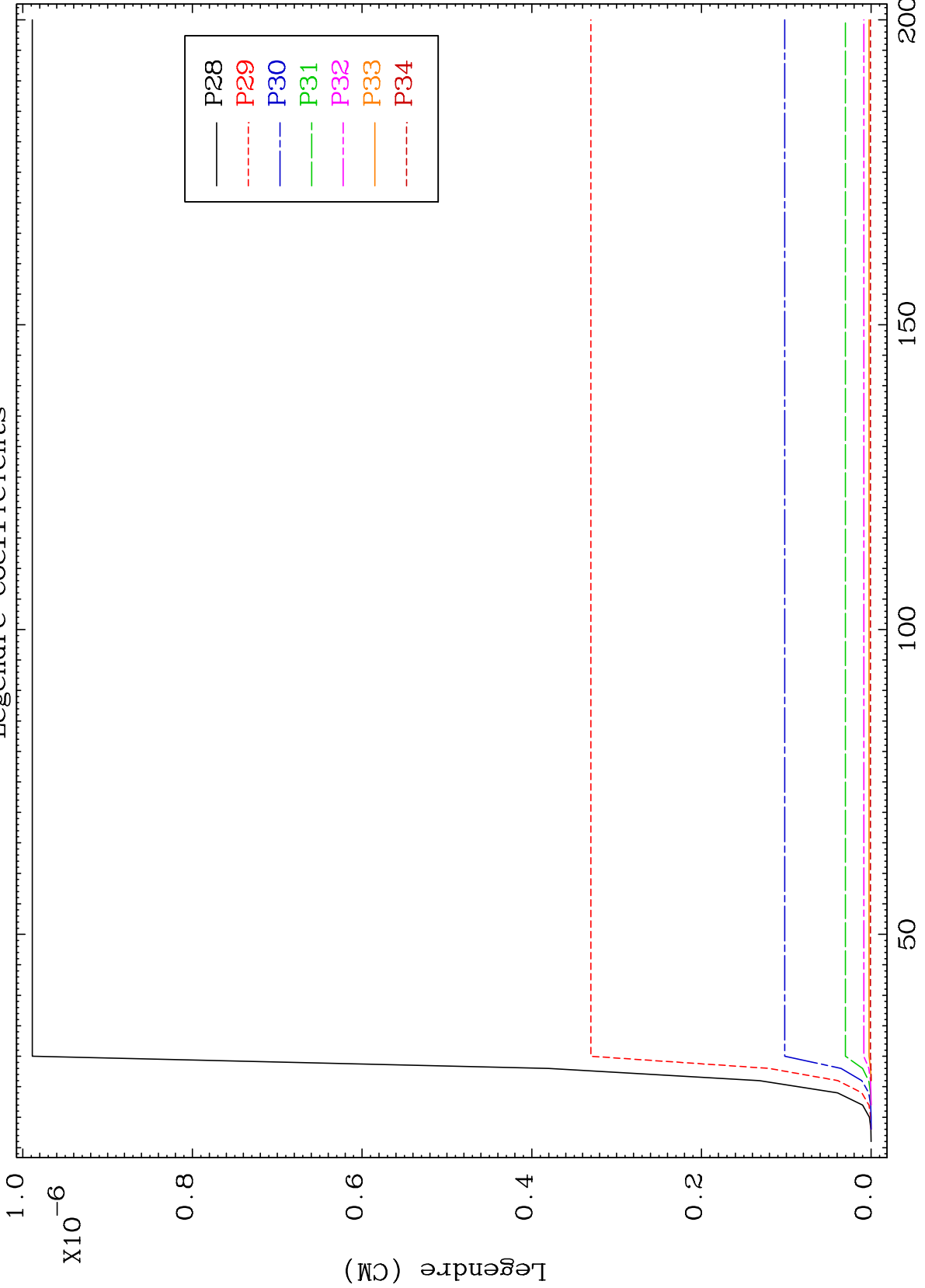
42-Mo-97



42-Mo-97

Incident Energy (MeV)

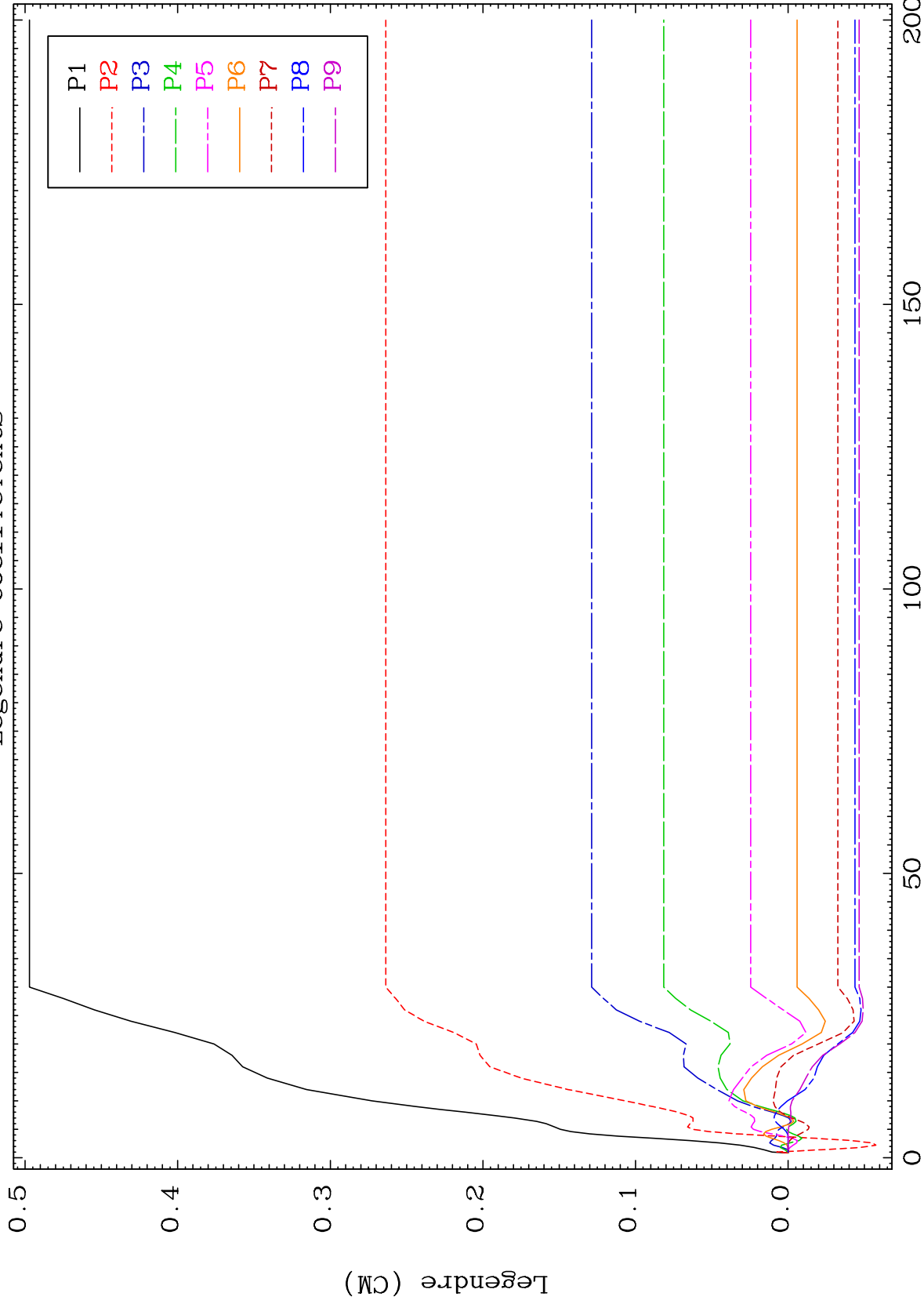
60



MAT 4240

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

42-Mo-97



62

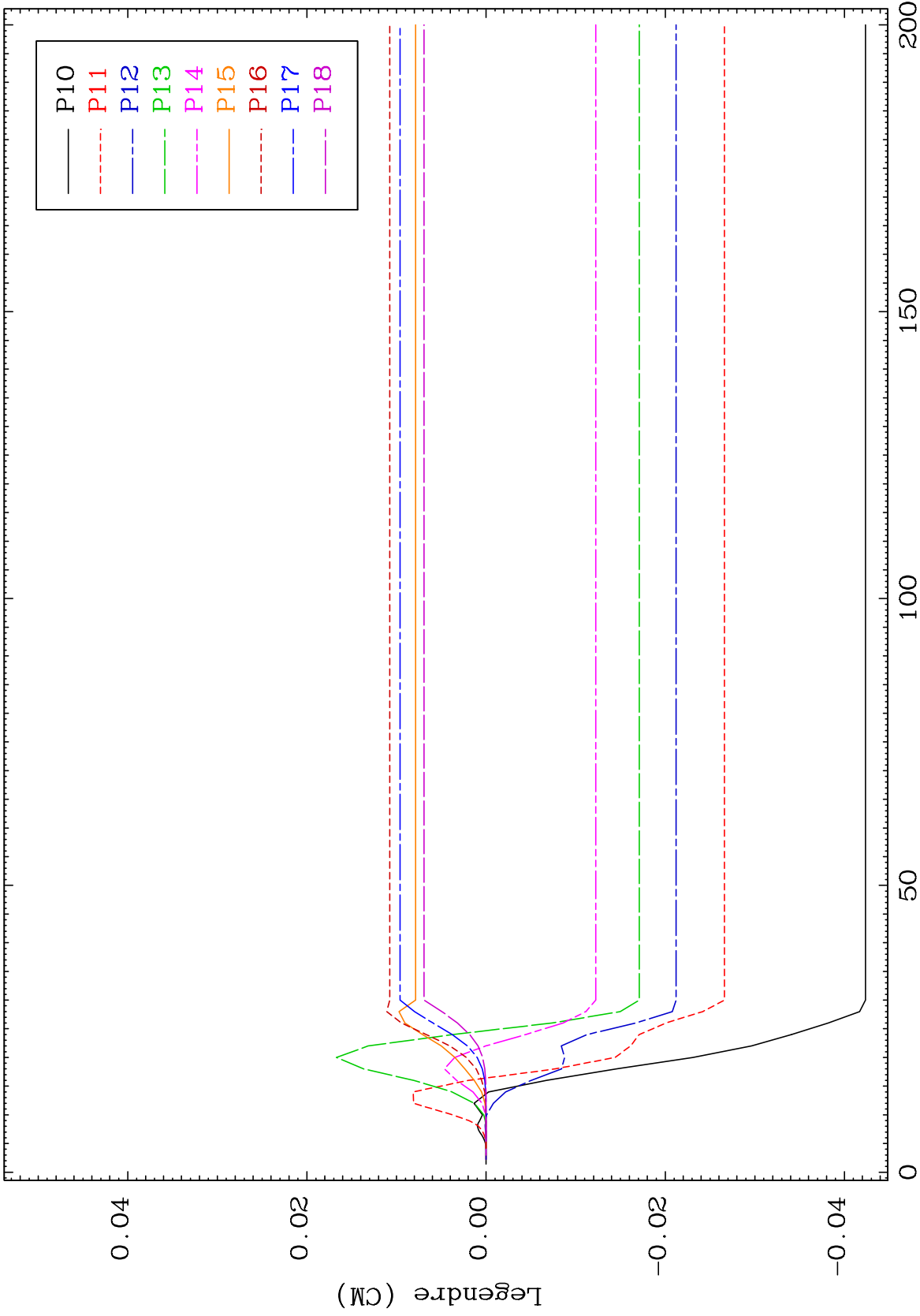
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



63

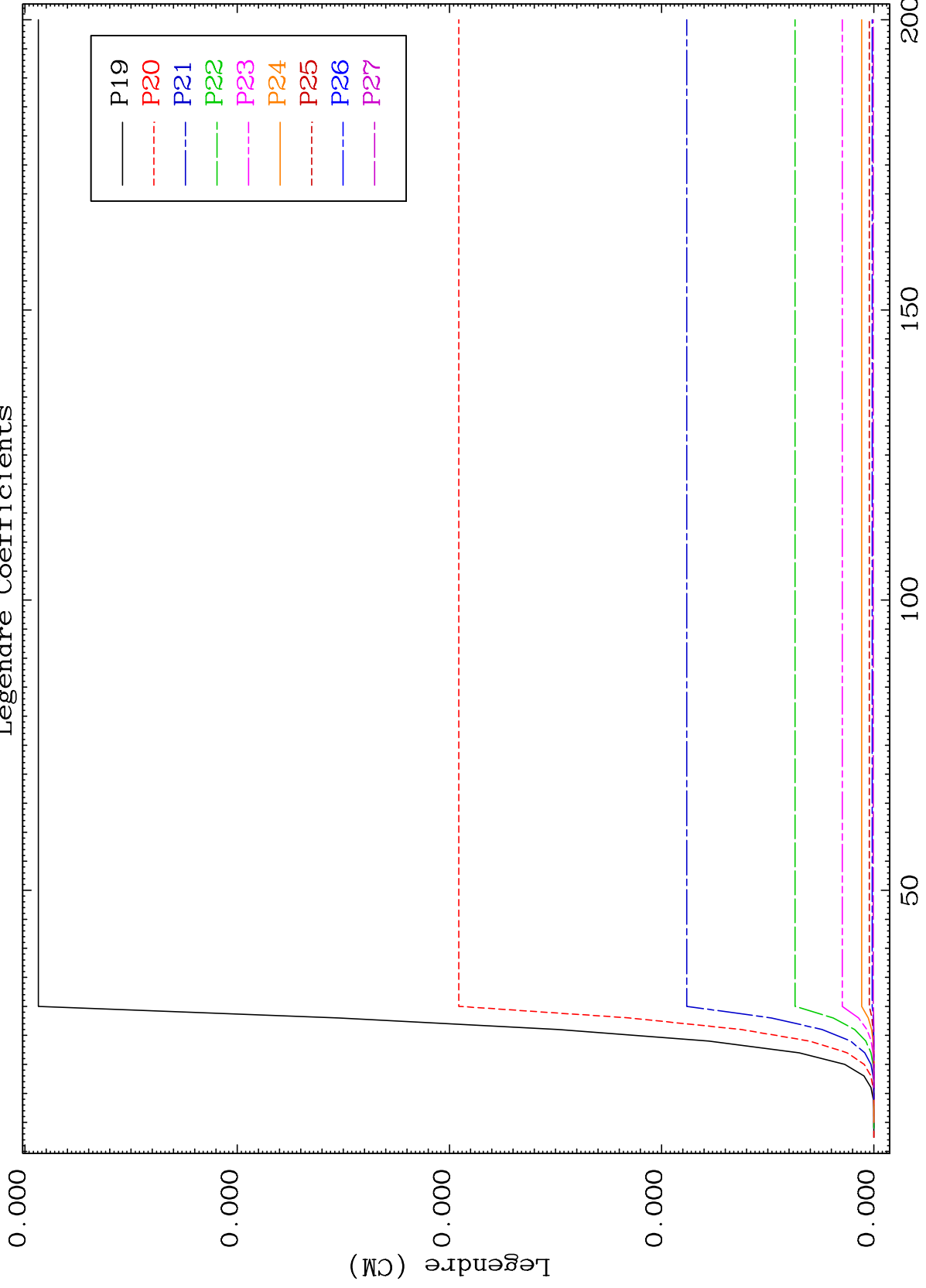
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



64

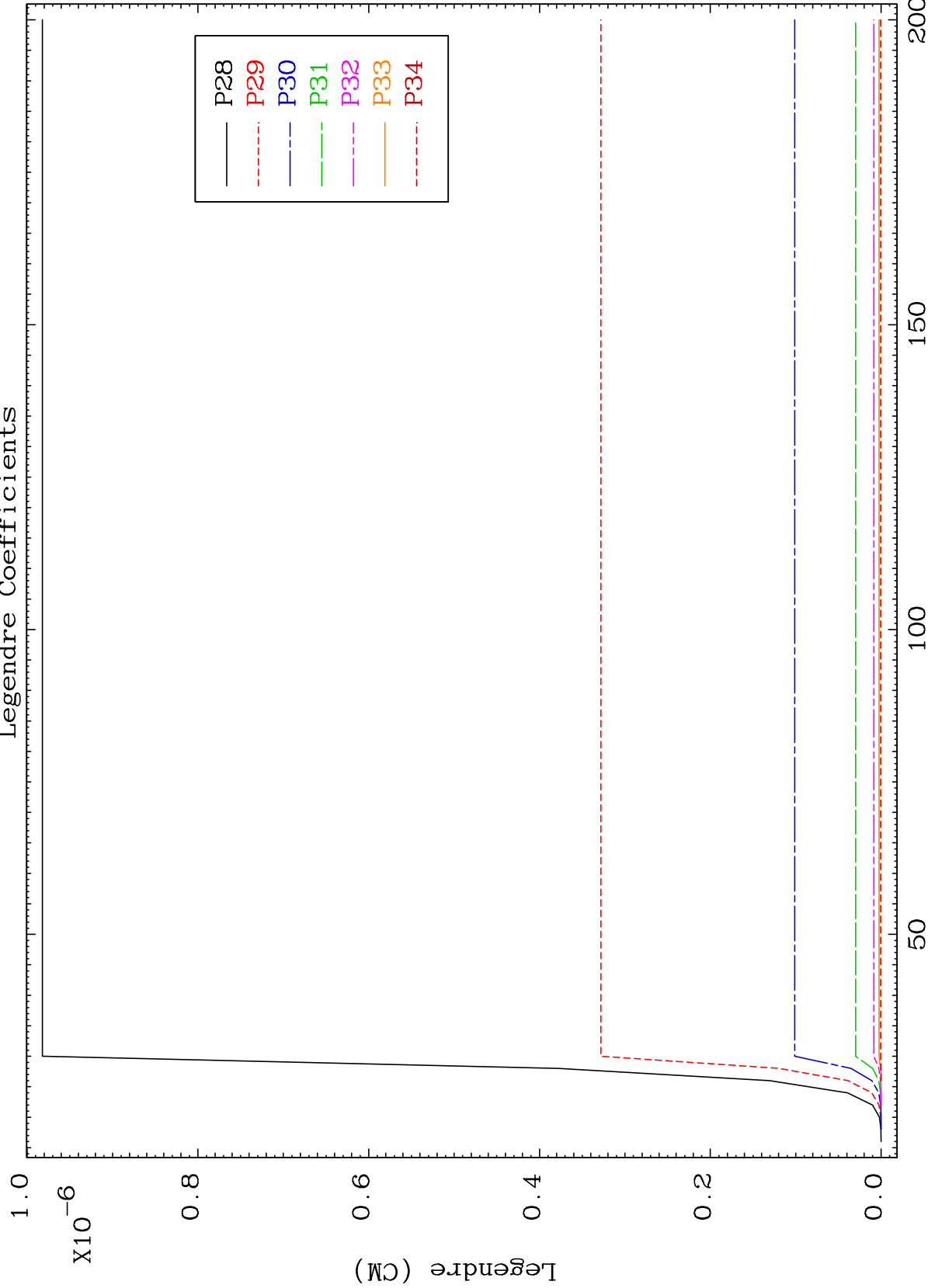
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

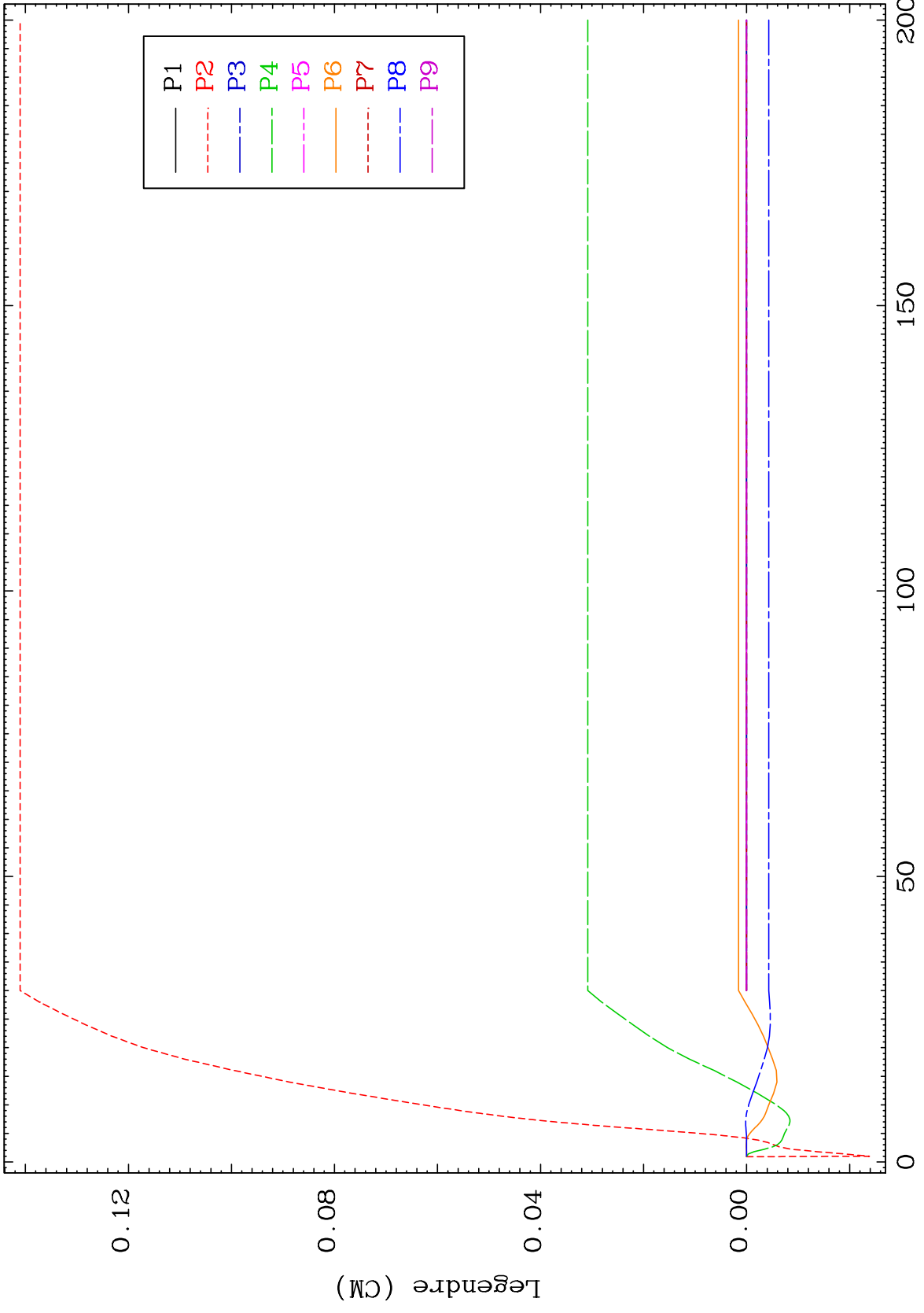


65

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-97

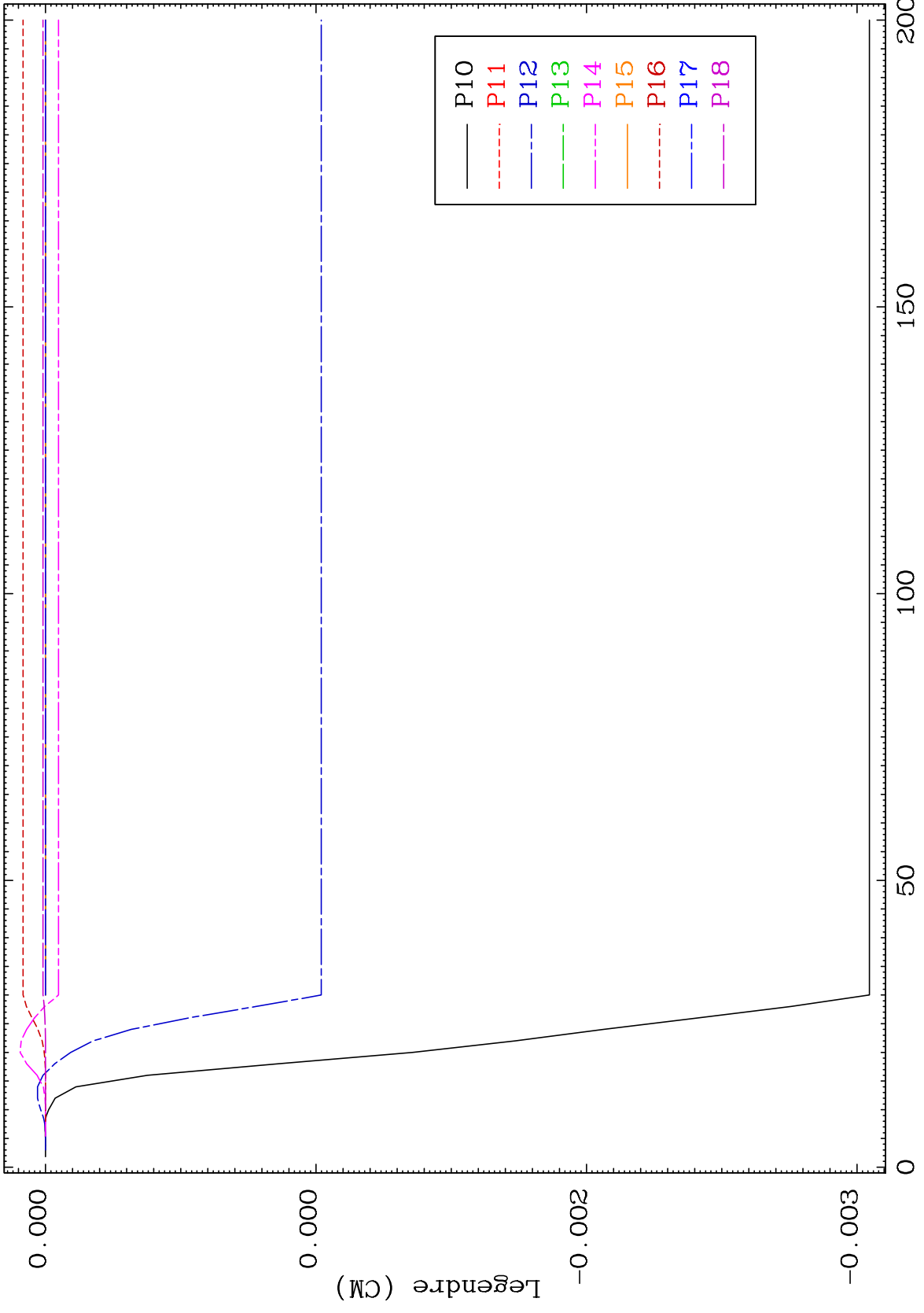


66 42-Mo-97

MAT 4240

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

42-Mo-97

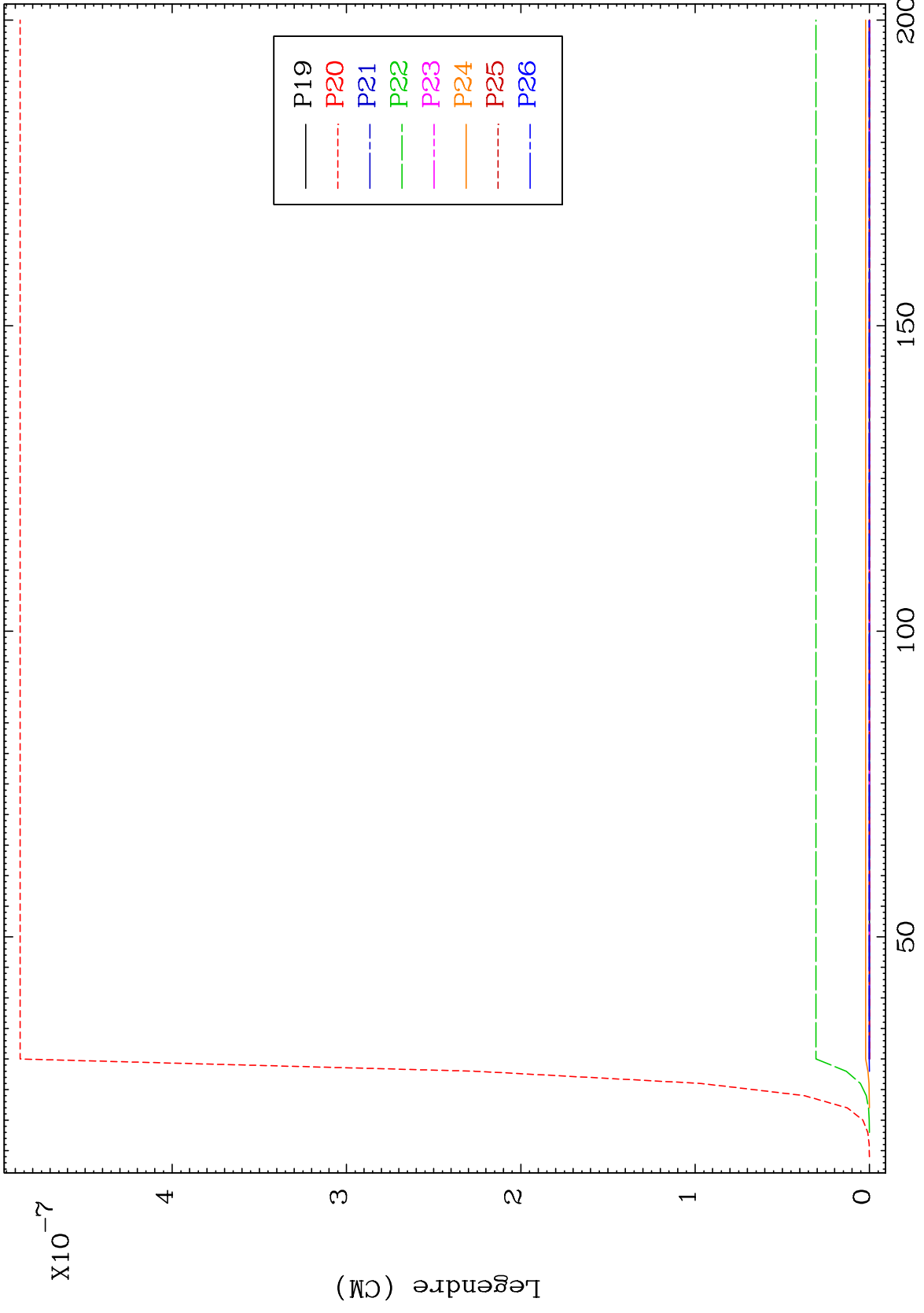


67

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-97

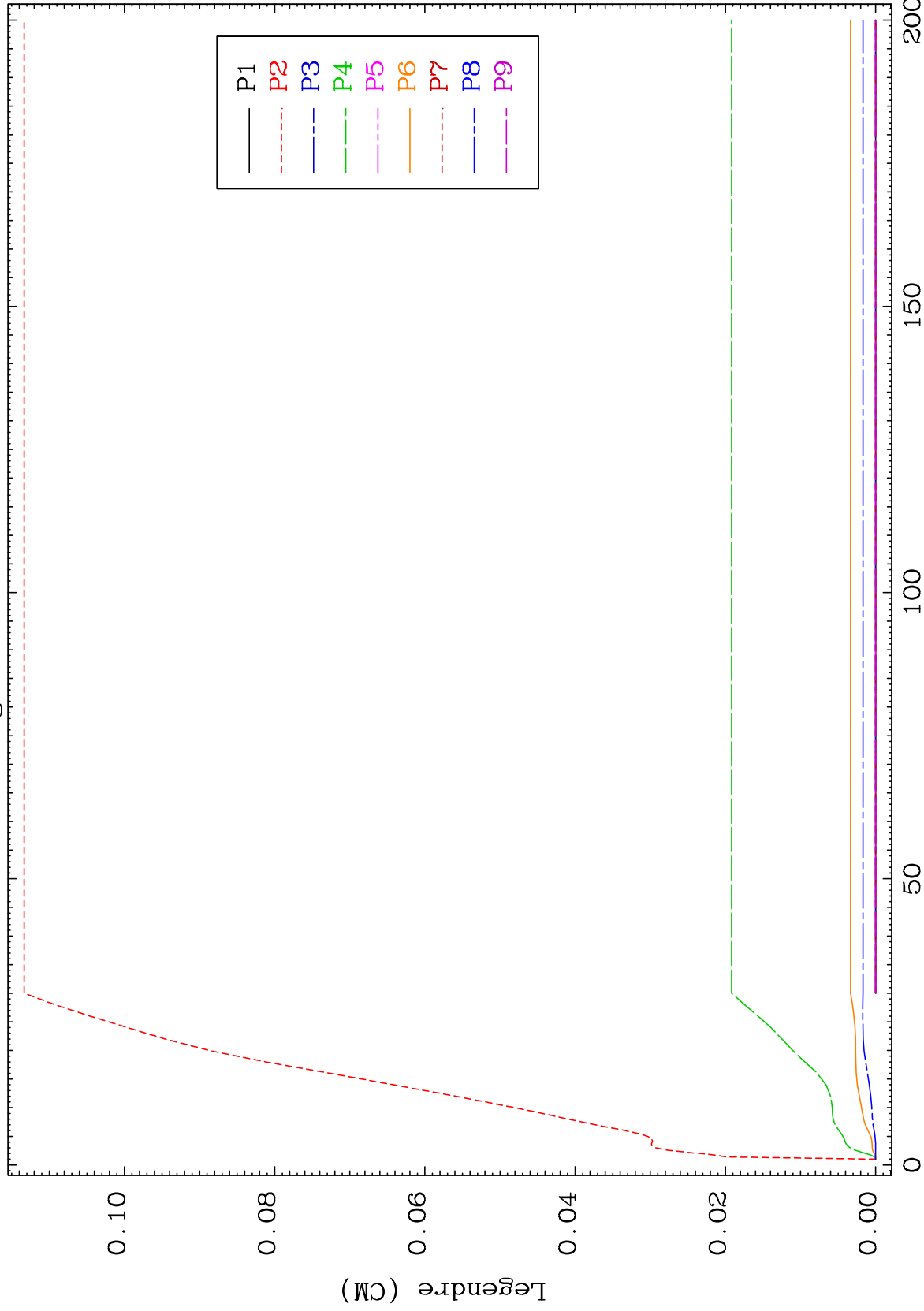


68 42-Mo-97

MAT 4240

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

42-Mo-97



69

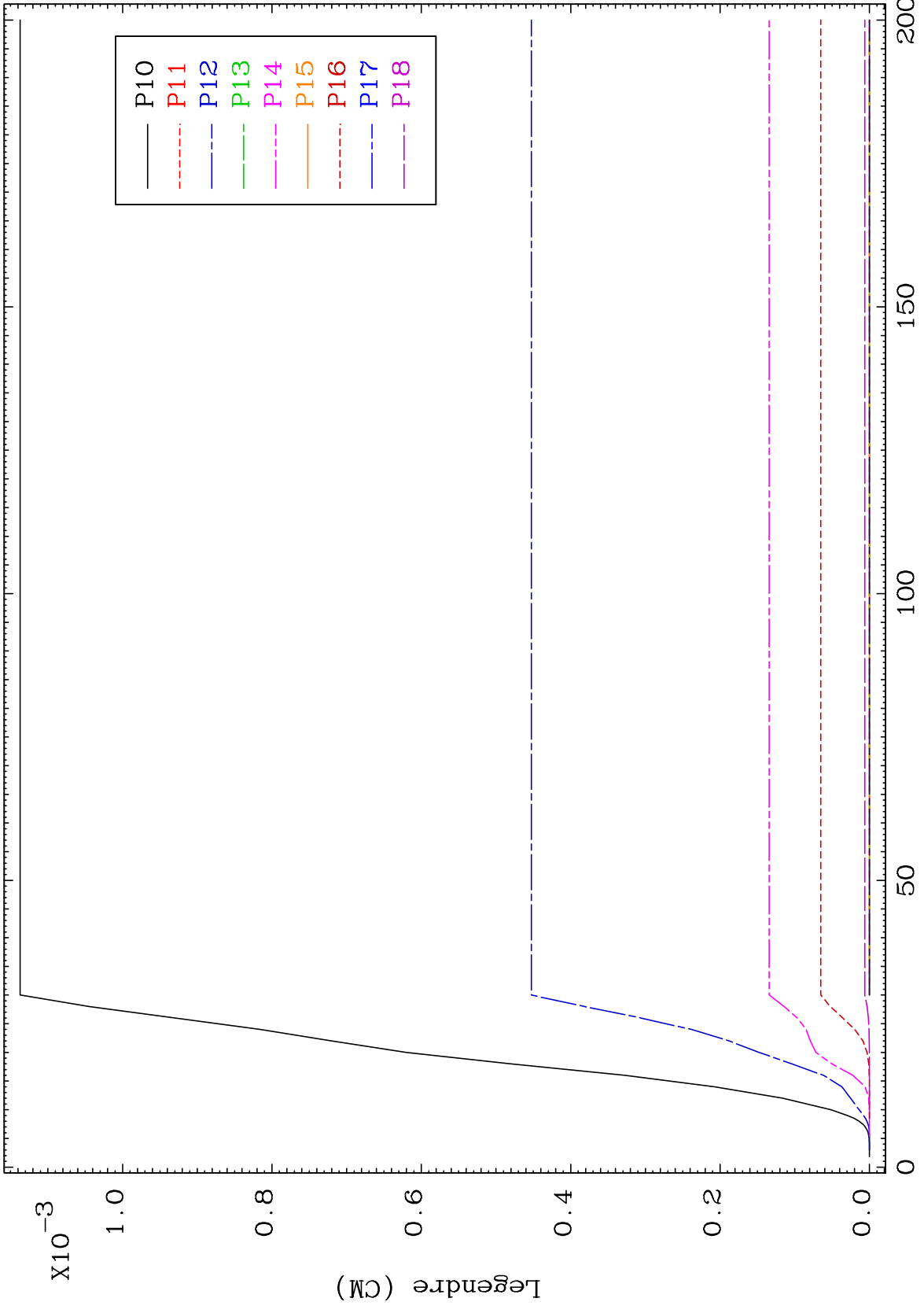
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

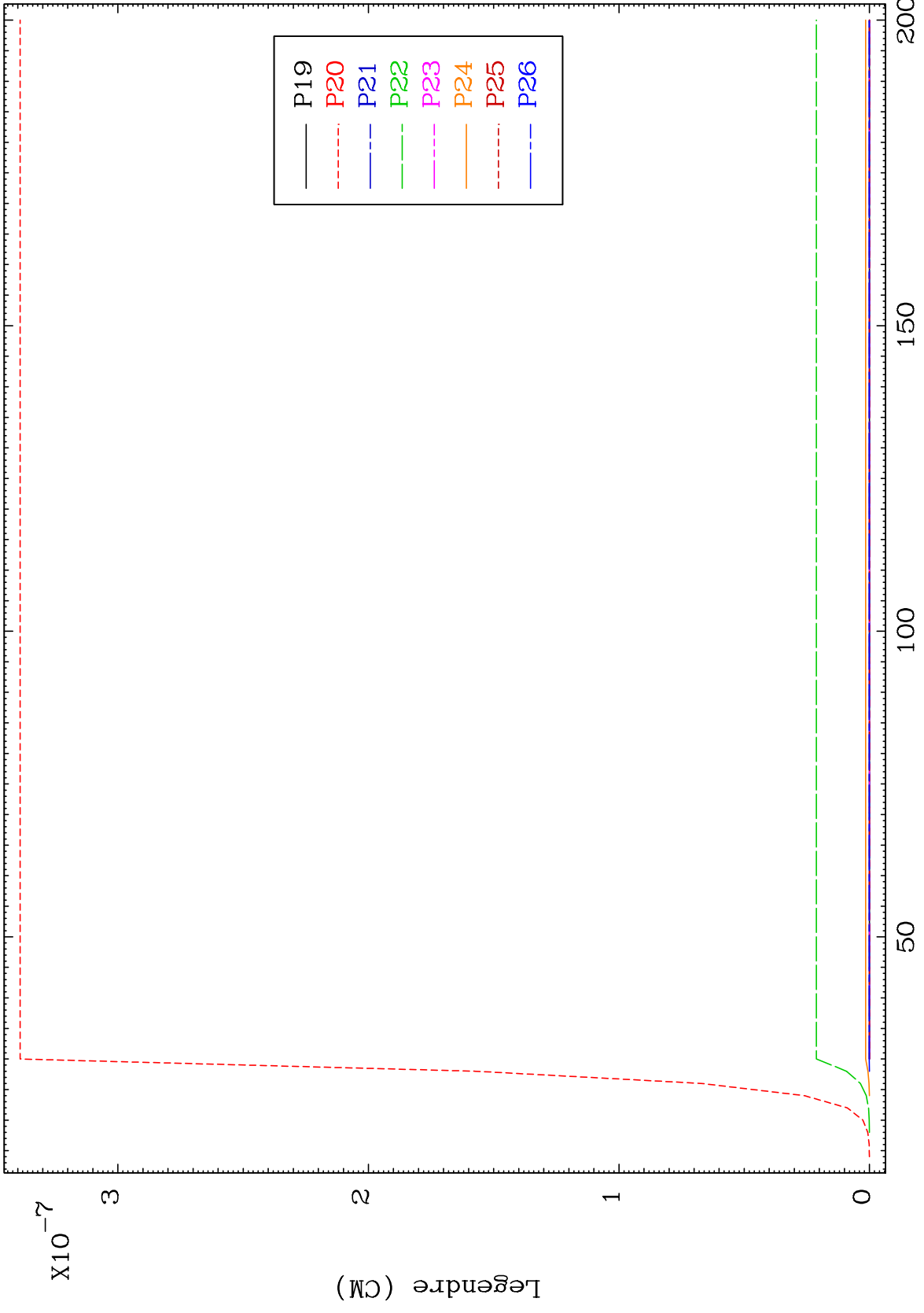


70

Incident Energy (MeV)

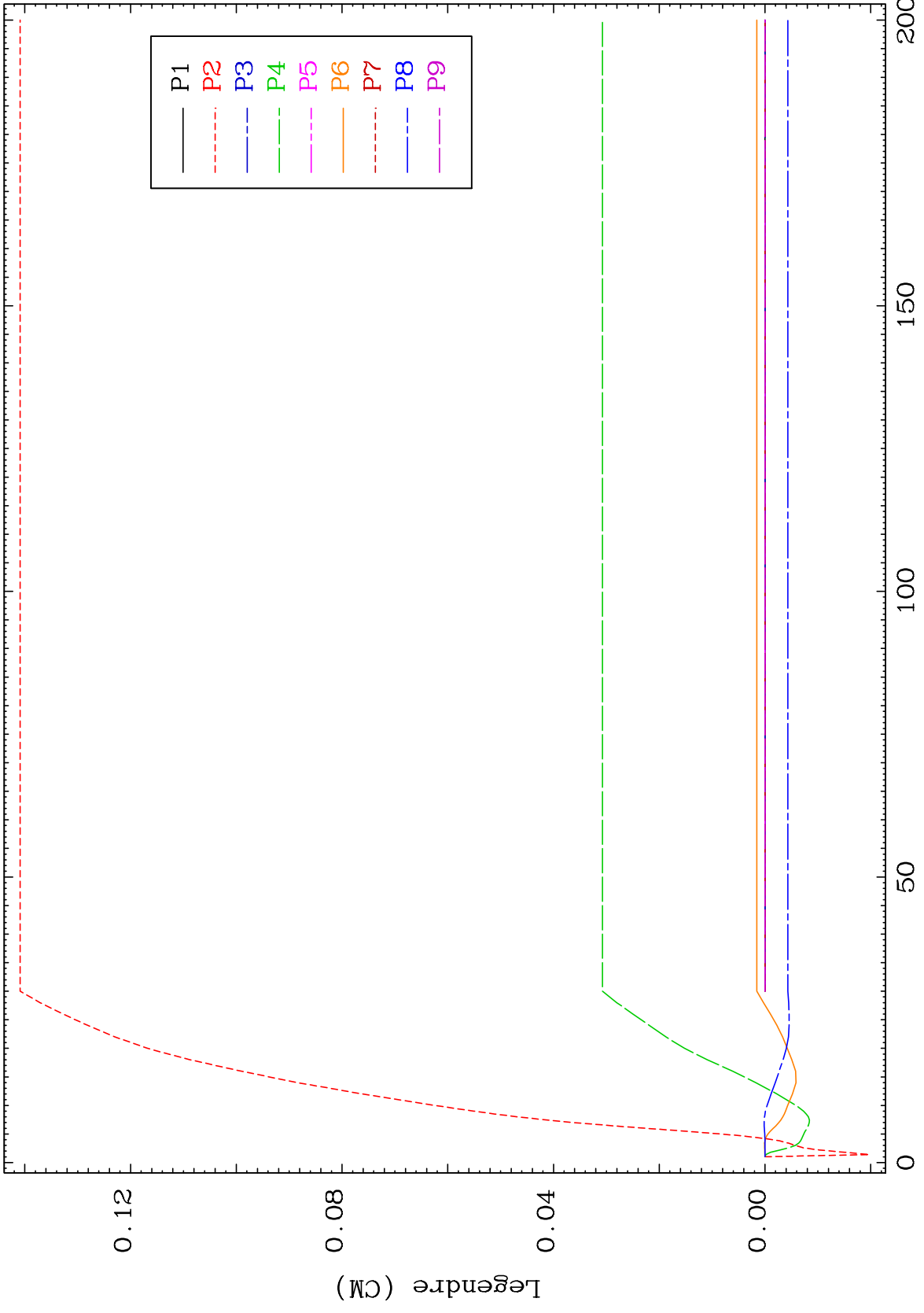
42-Mo-97

MAT 4240 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-97



71 42-Mo-97

MAT 4240 MT= 67 (n,n') Level Legendre Coefficients 42-Mo-97

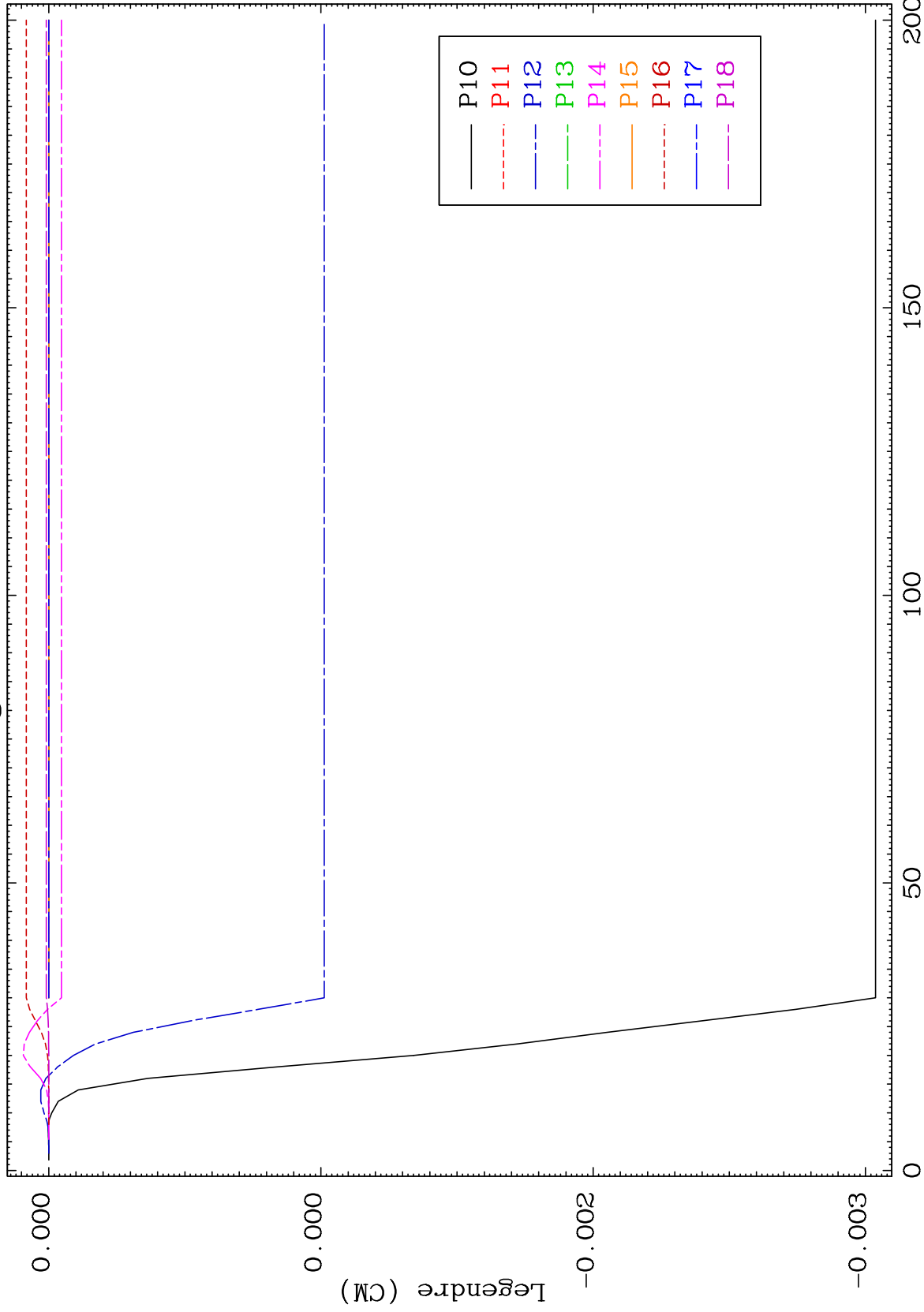


72 42-Mo-97

MAT 4240

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

42-Mo-97

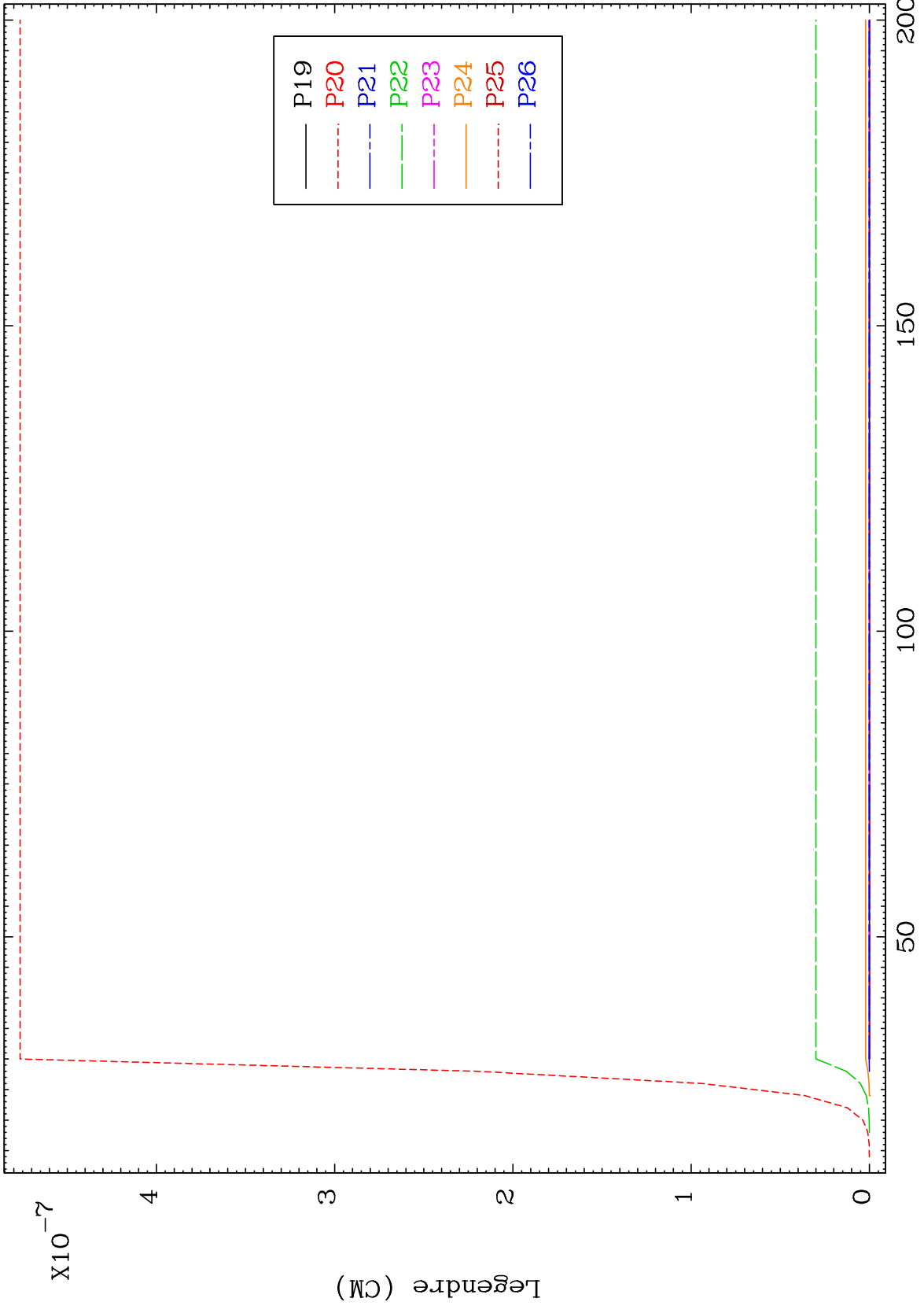


73

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 67 (n,n') Level Legendre Coefficients 42-Mo-97

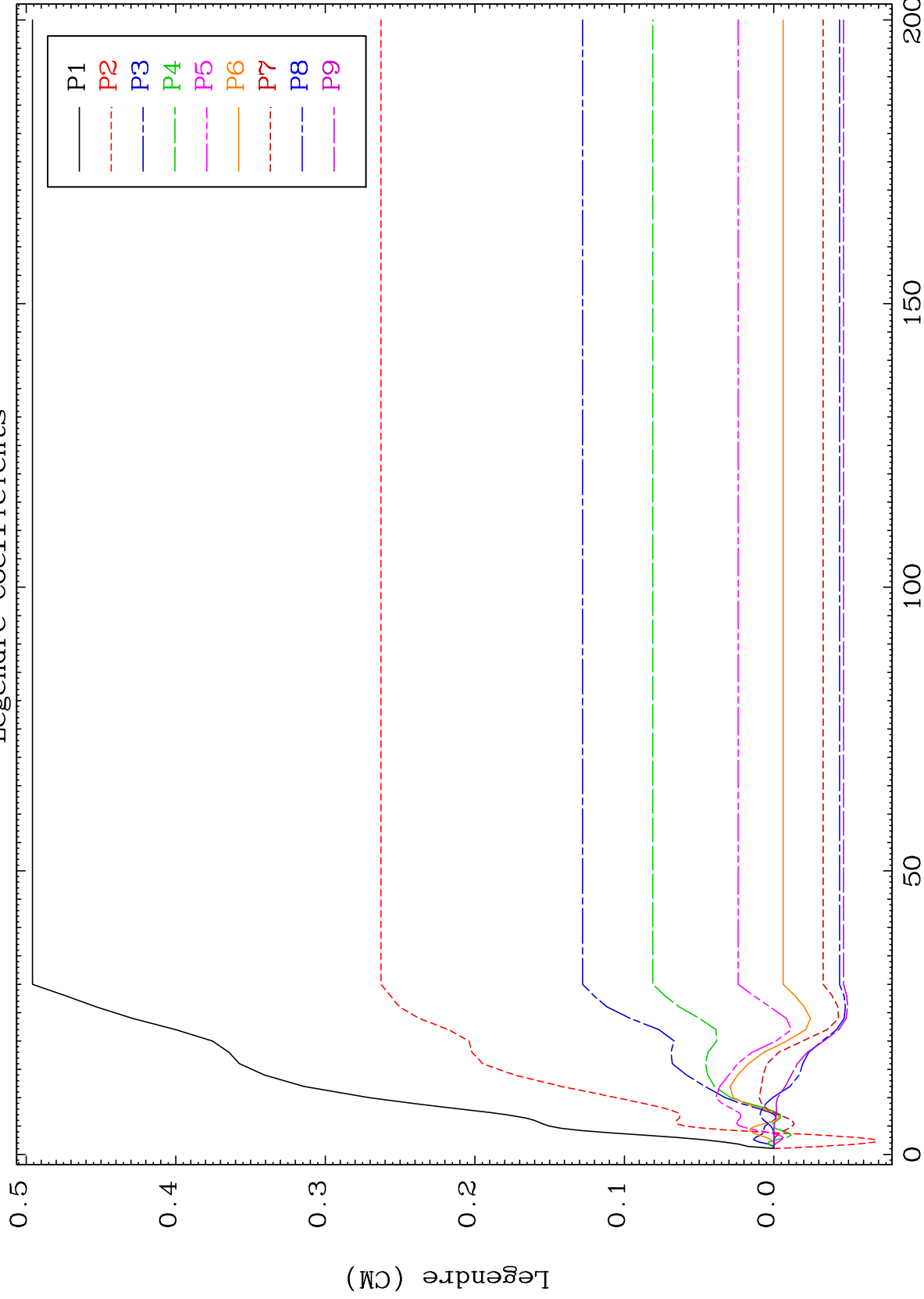


74 42-Mo-97

MAT 4240

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

42-Mo-97



75

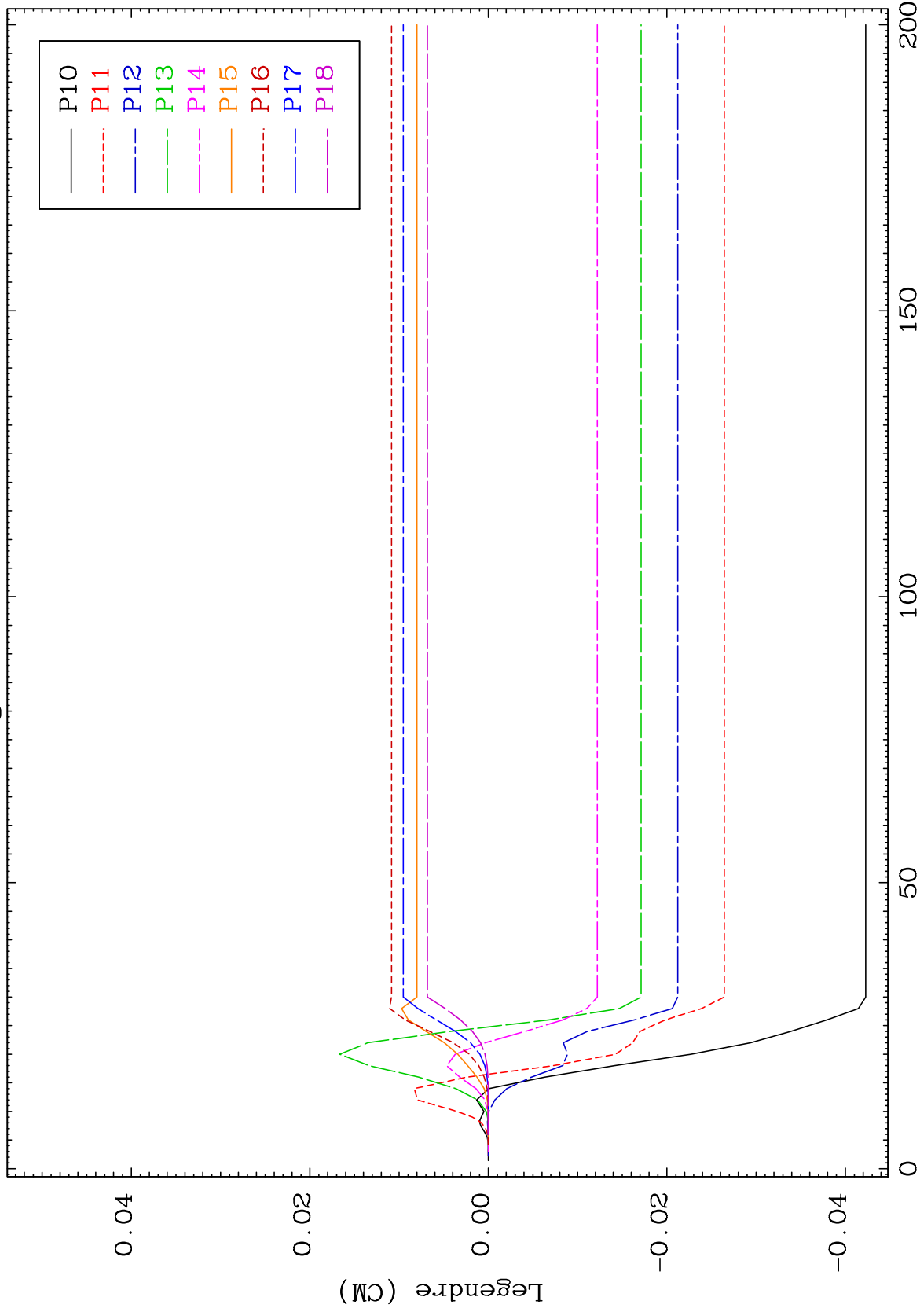
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



76

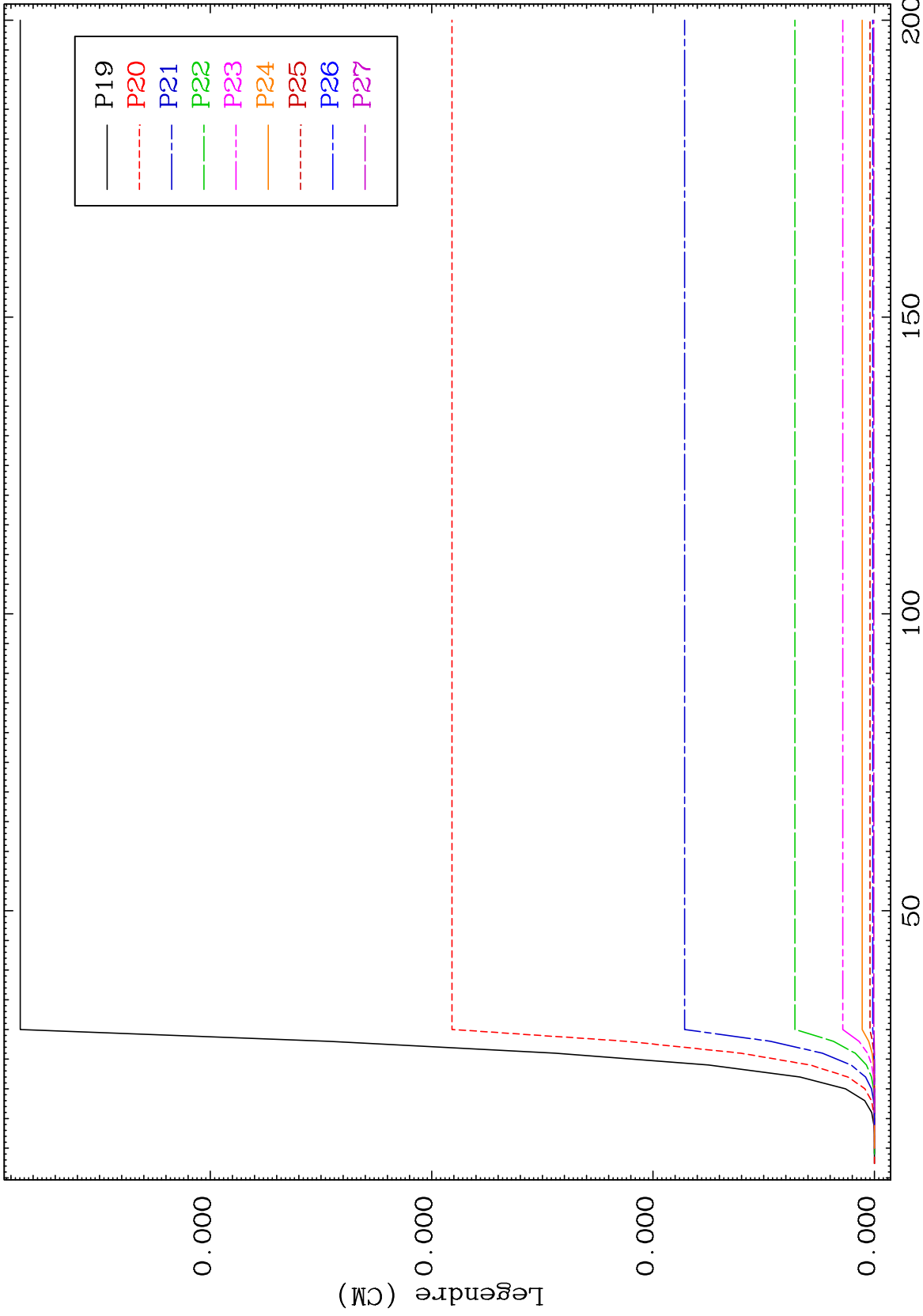
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



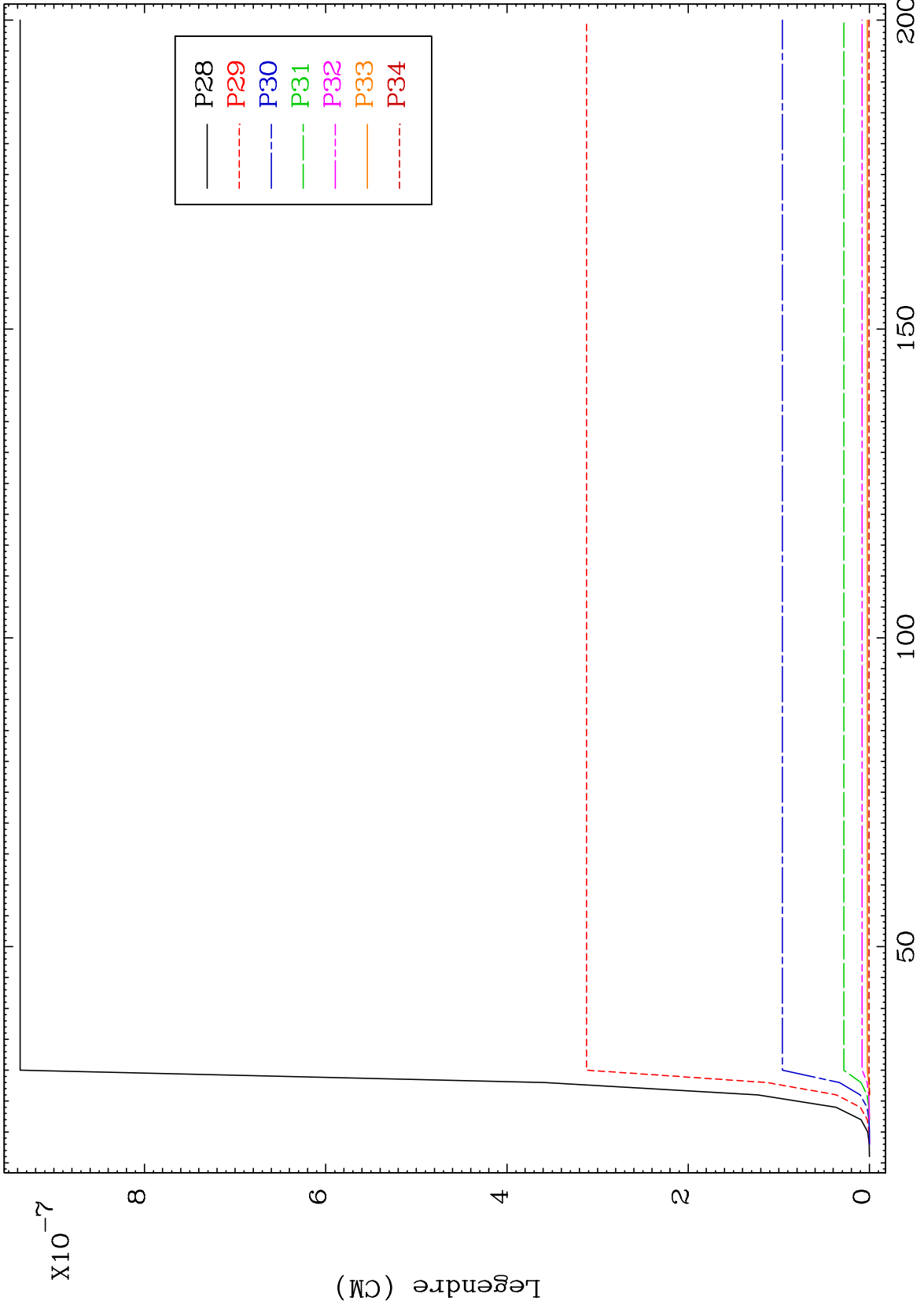
77

42-Mo-97

MAT 4240

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

42-Mo-97



78

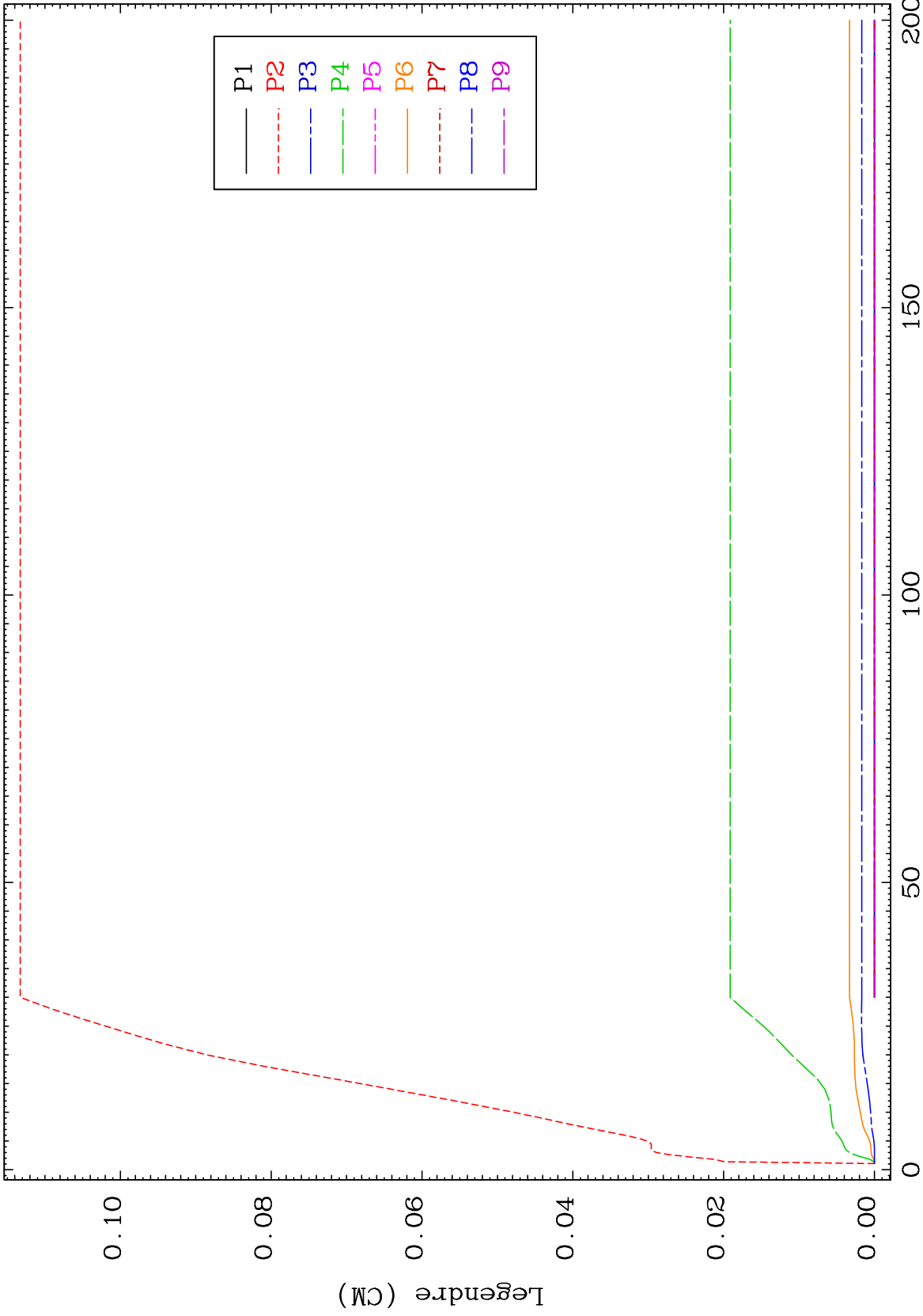
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



79

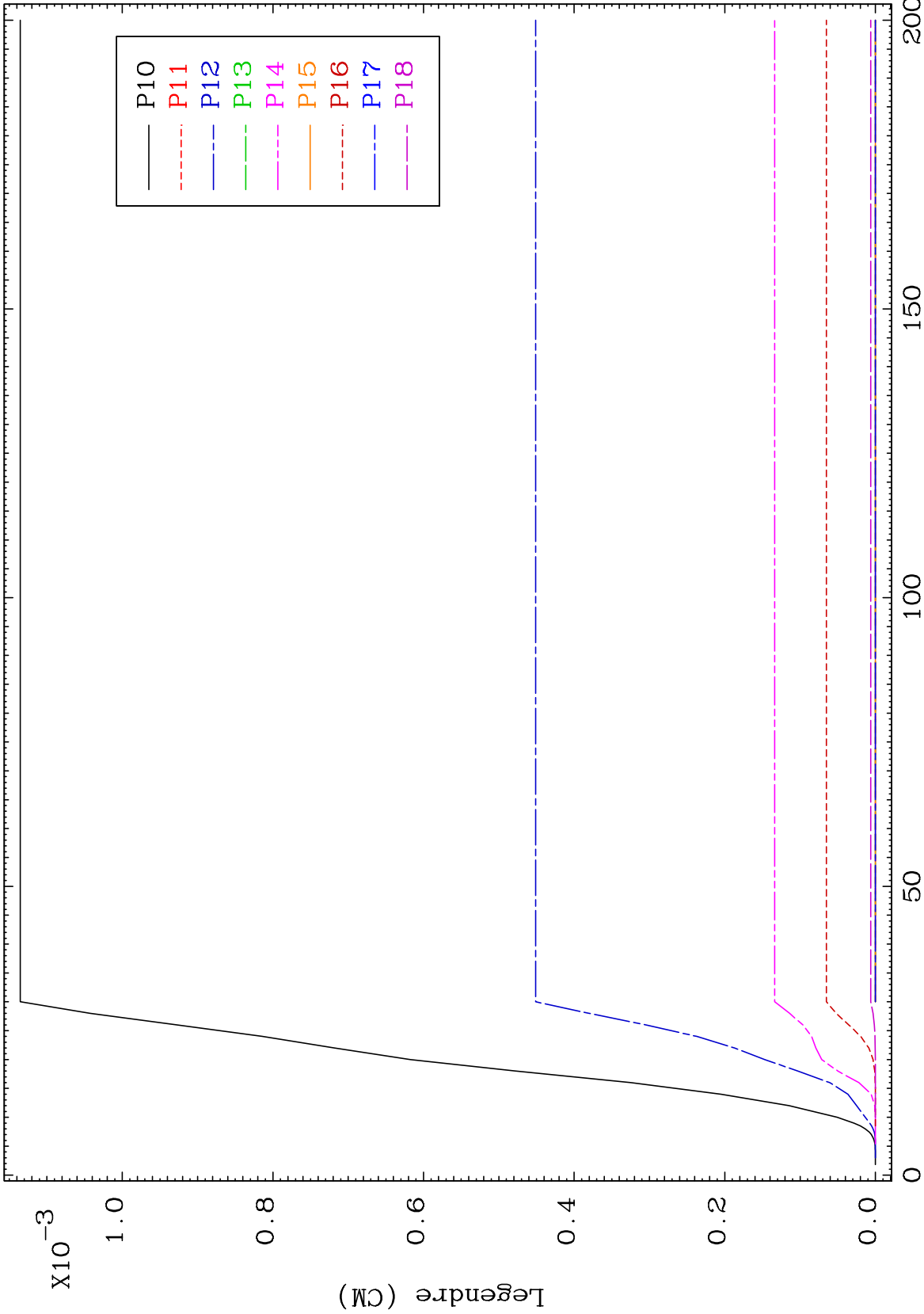
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

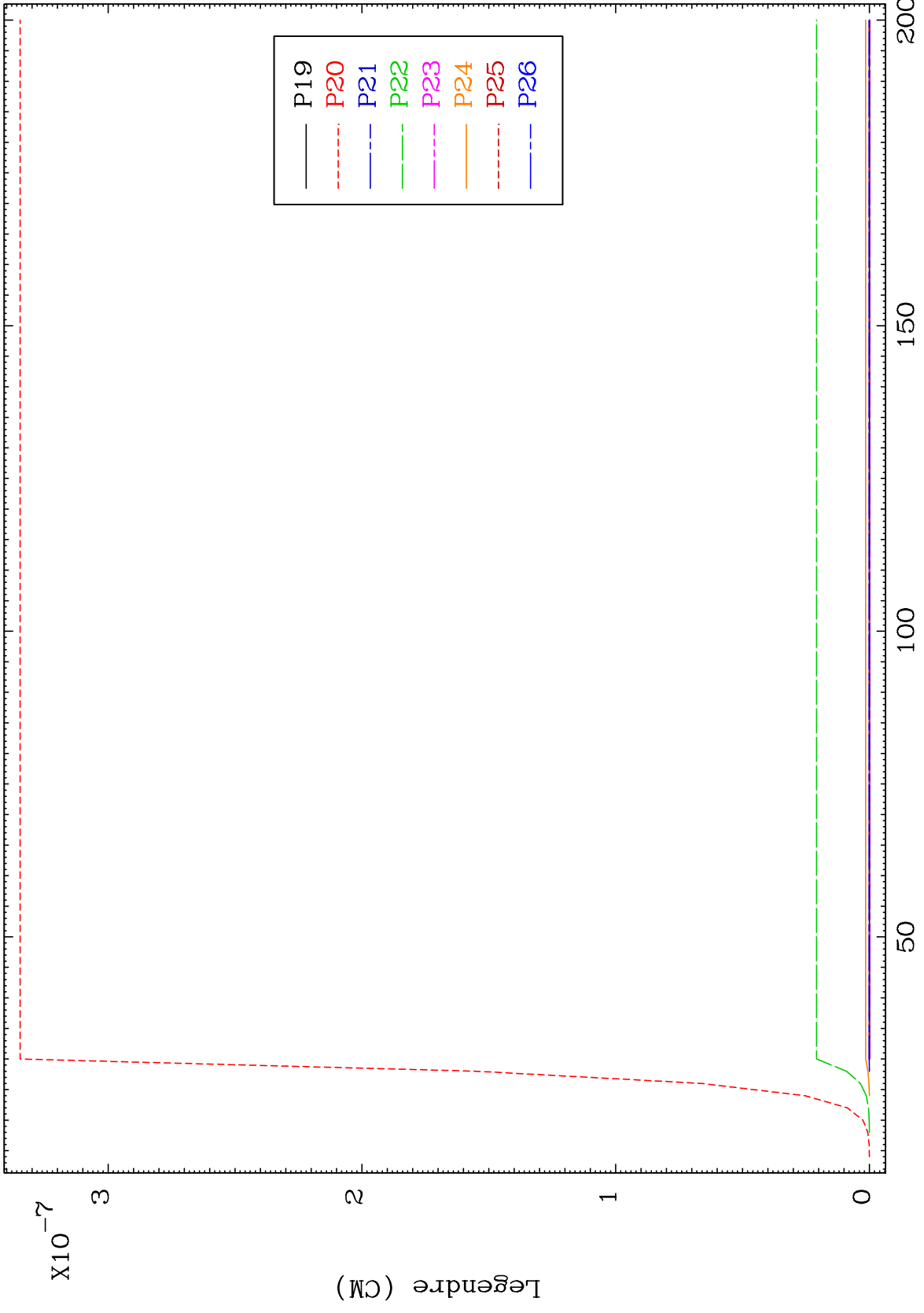


80

Incident Energy (MeV)

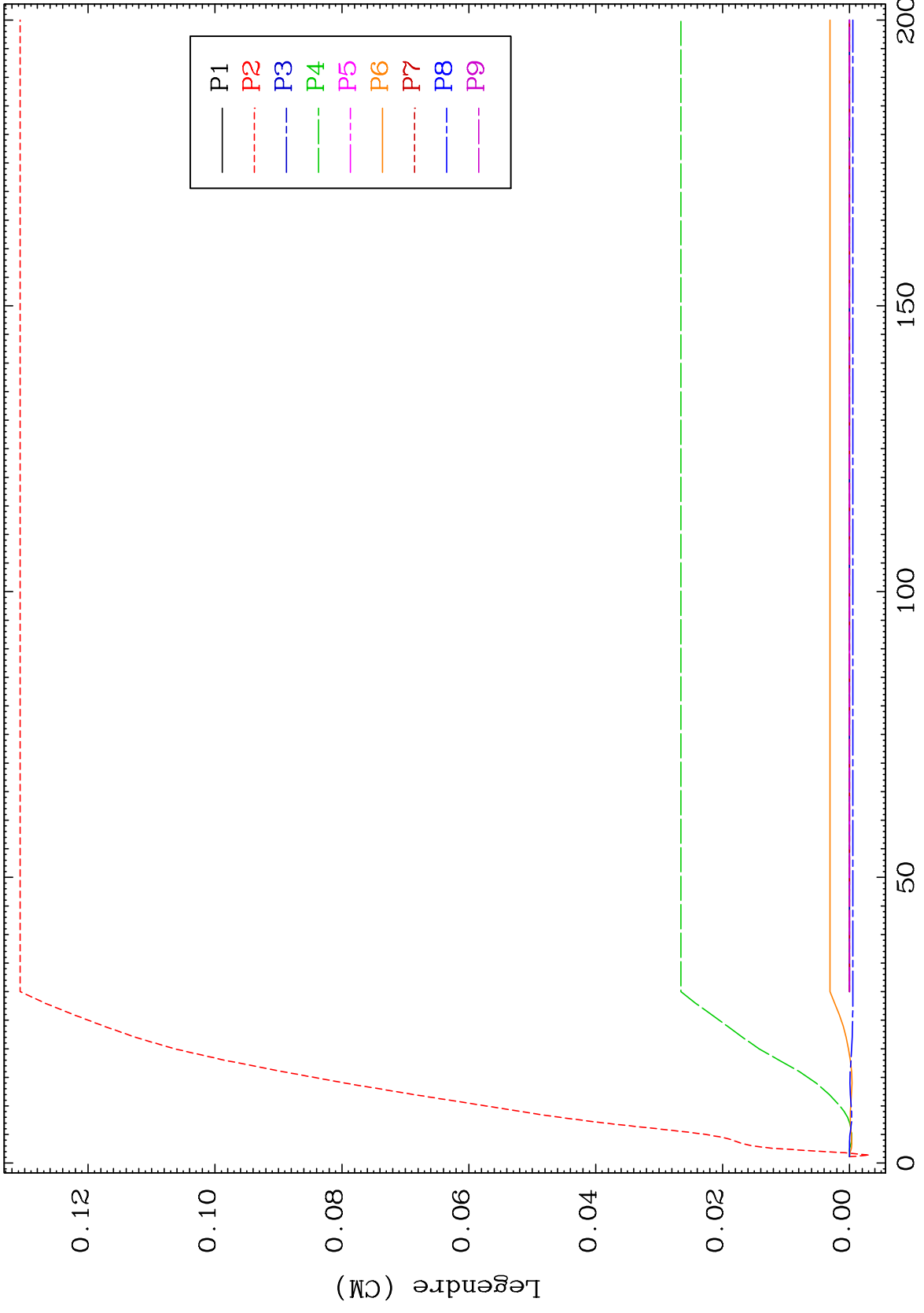
42-Mo-97

MAT 4240 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-97



81 42-Mo-97

MAT 4240 MT= 70 (n,n') Level Legendre Coefficients 42-Mo-97

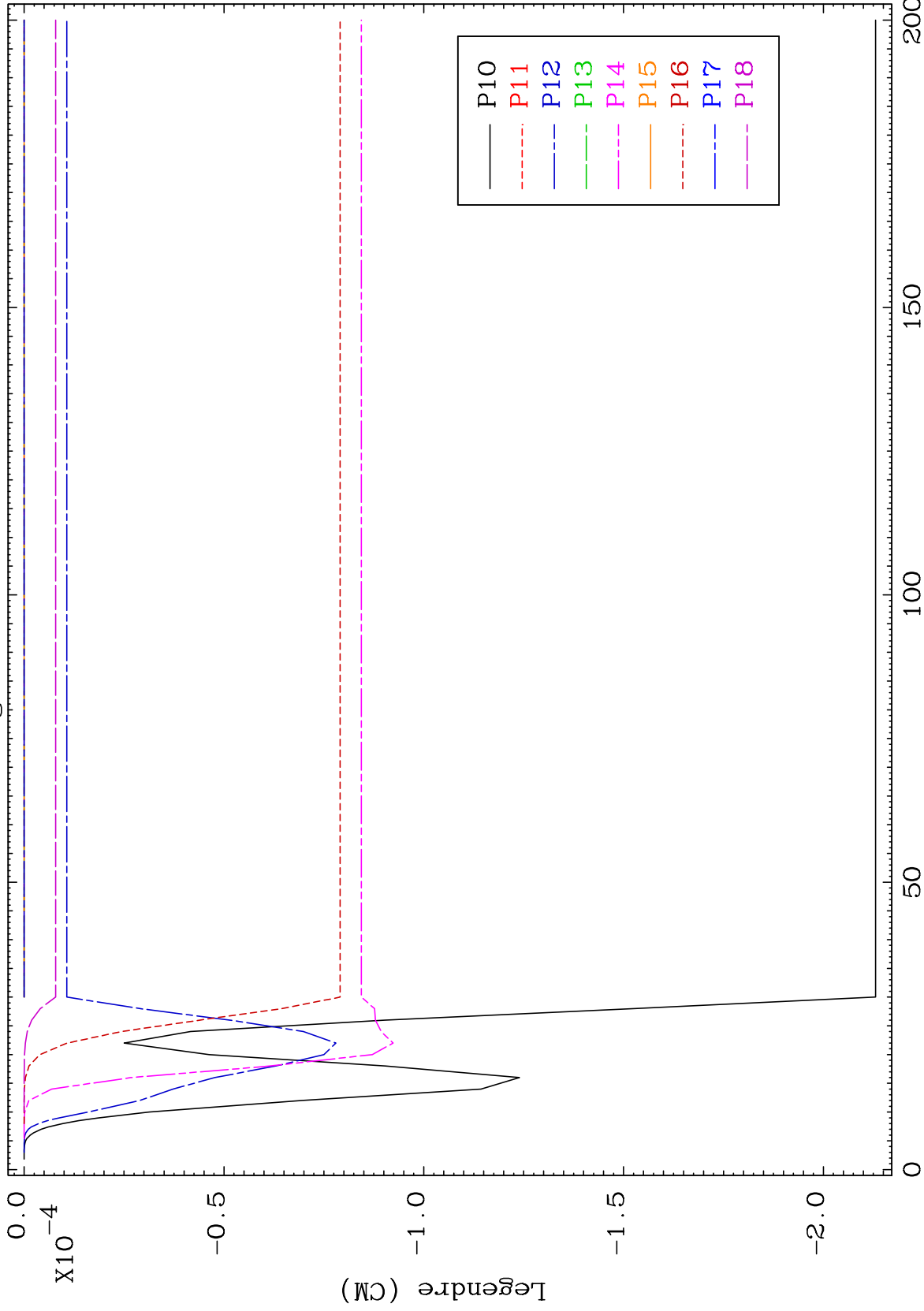


82 42-Mo-97

MAT 4240

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

42-Mo-97



83

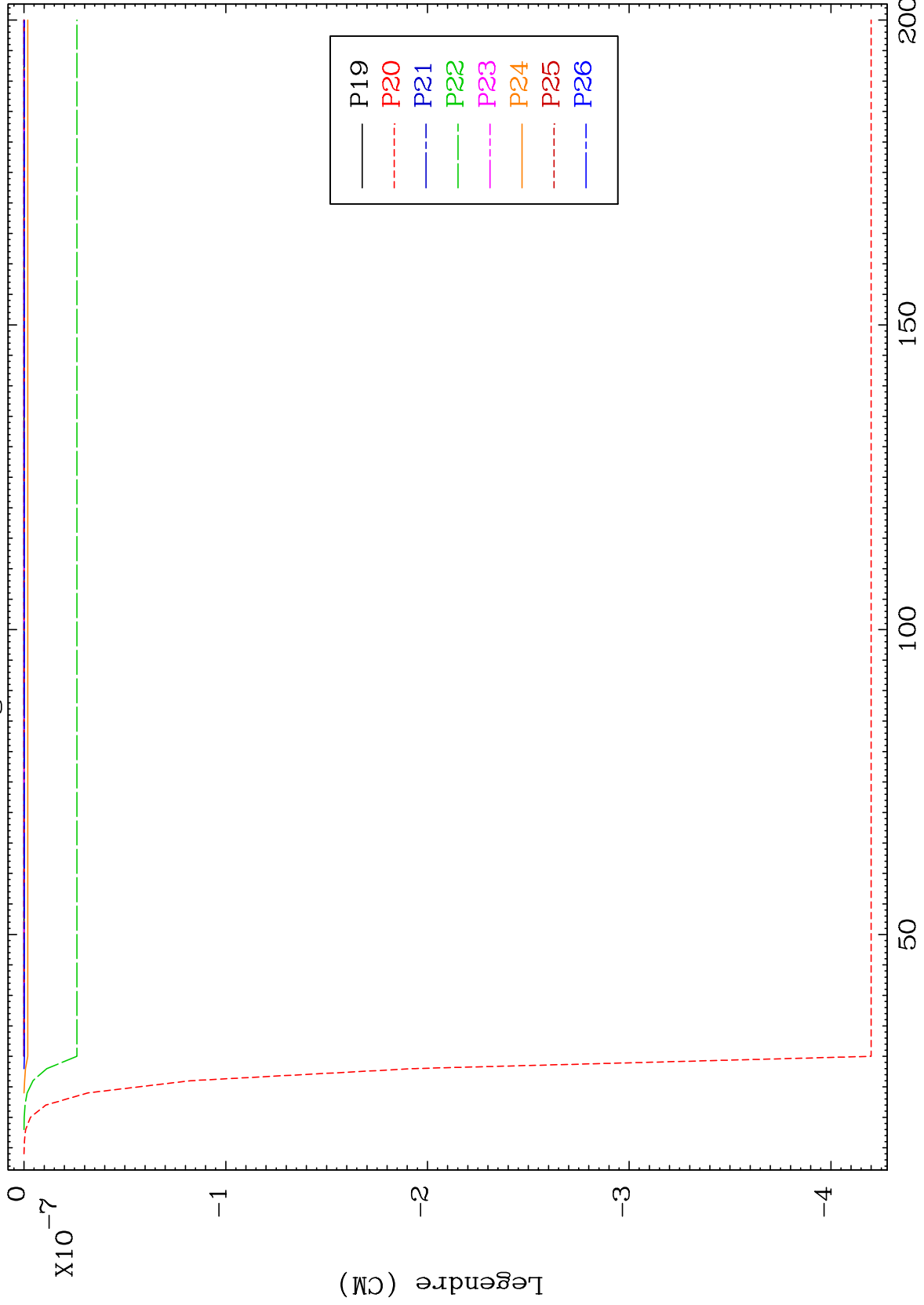
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



84

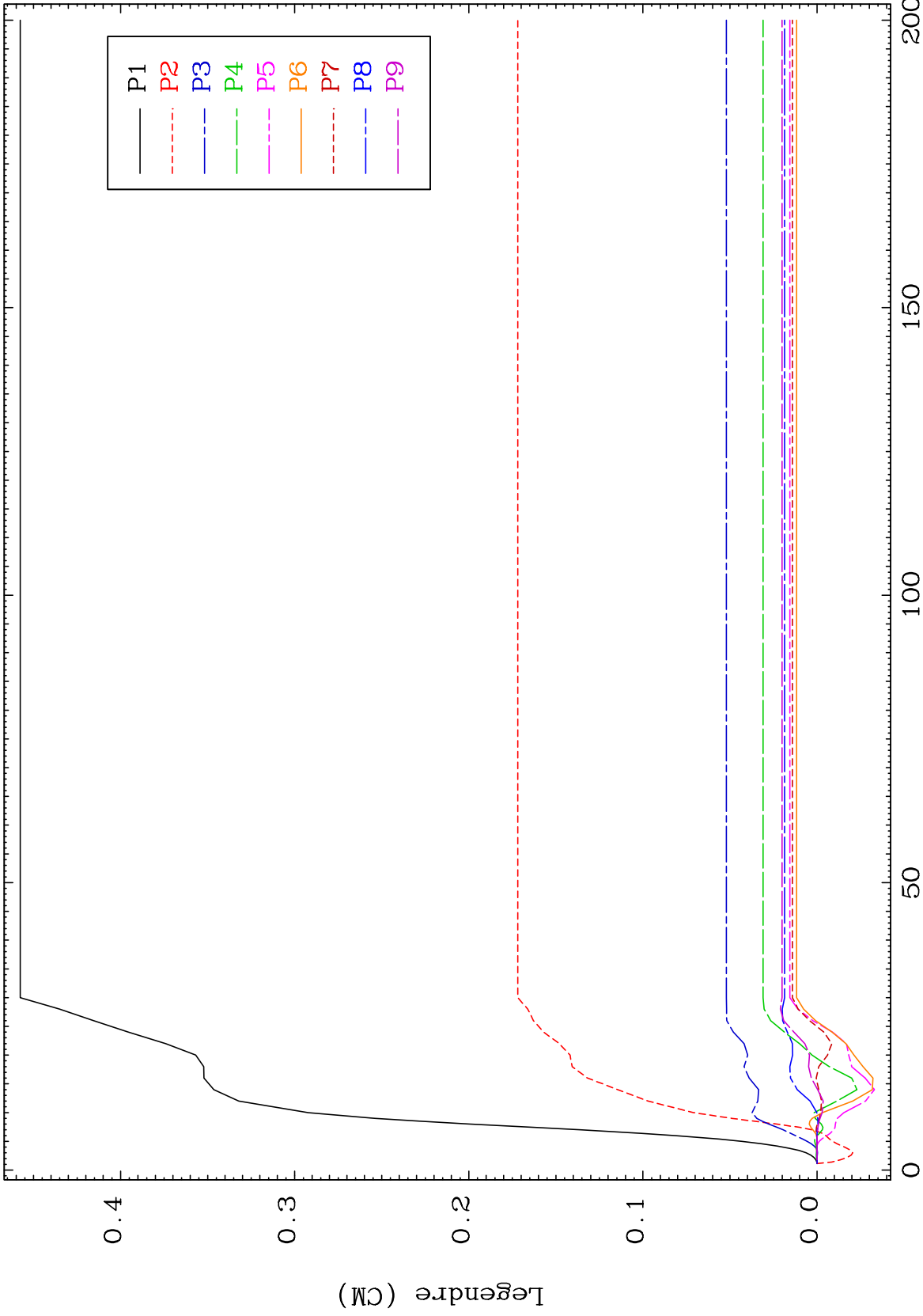
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



85

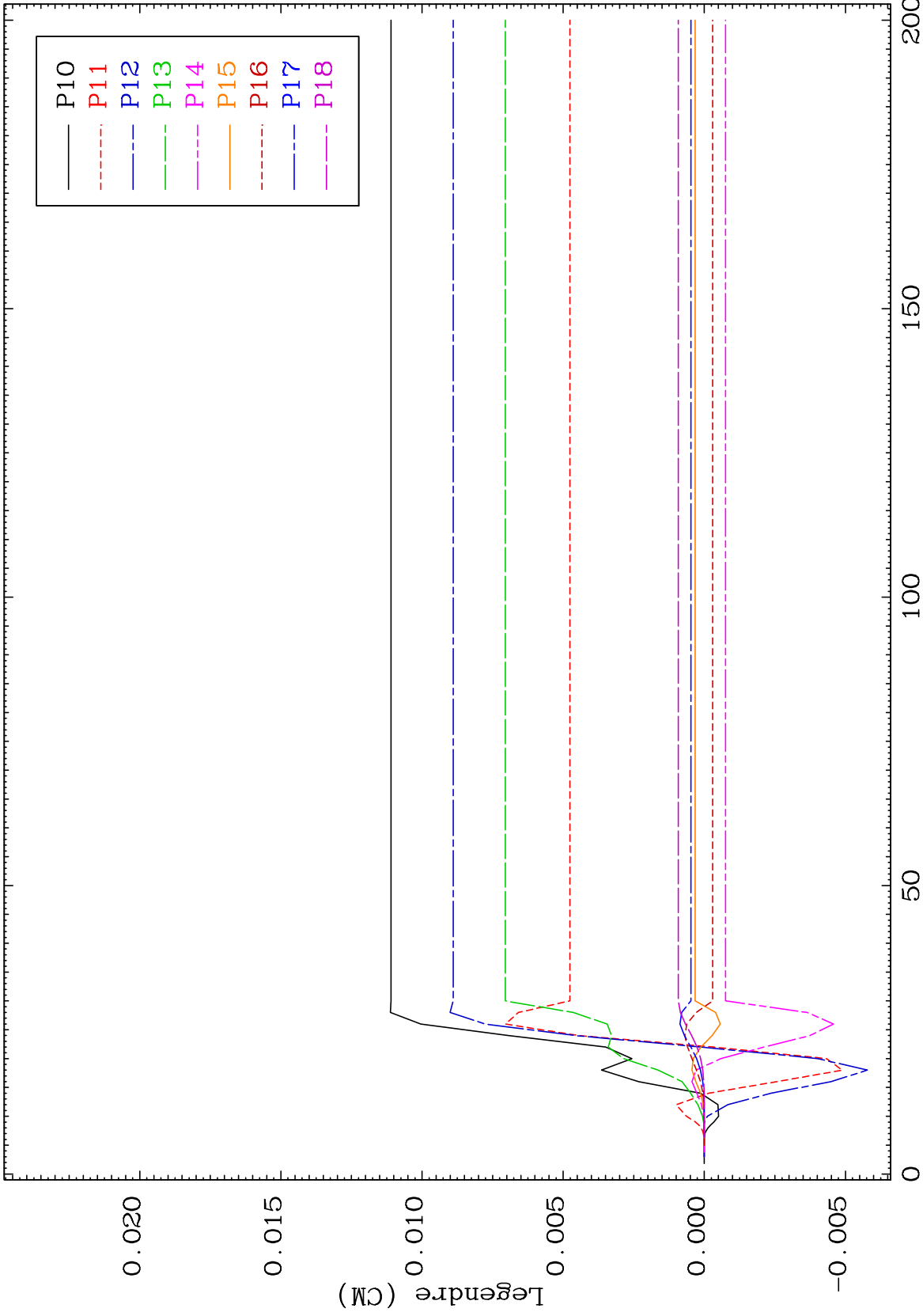
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



86

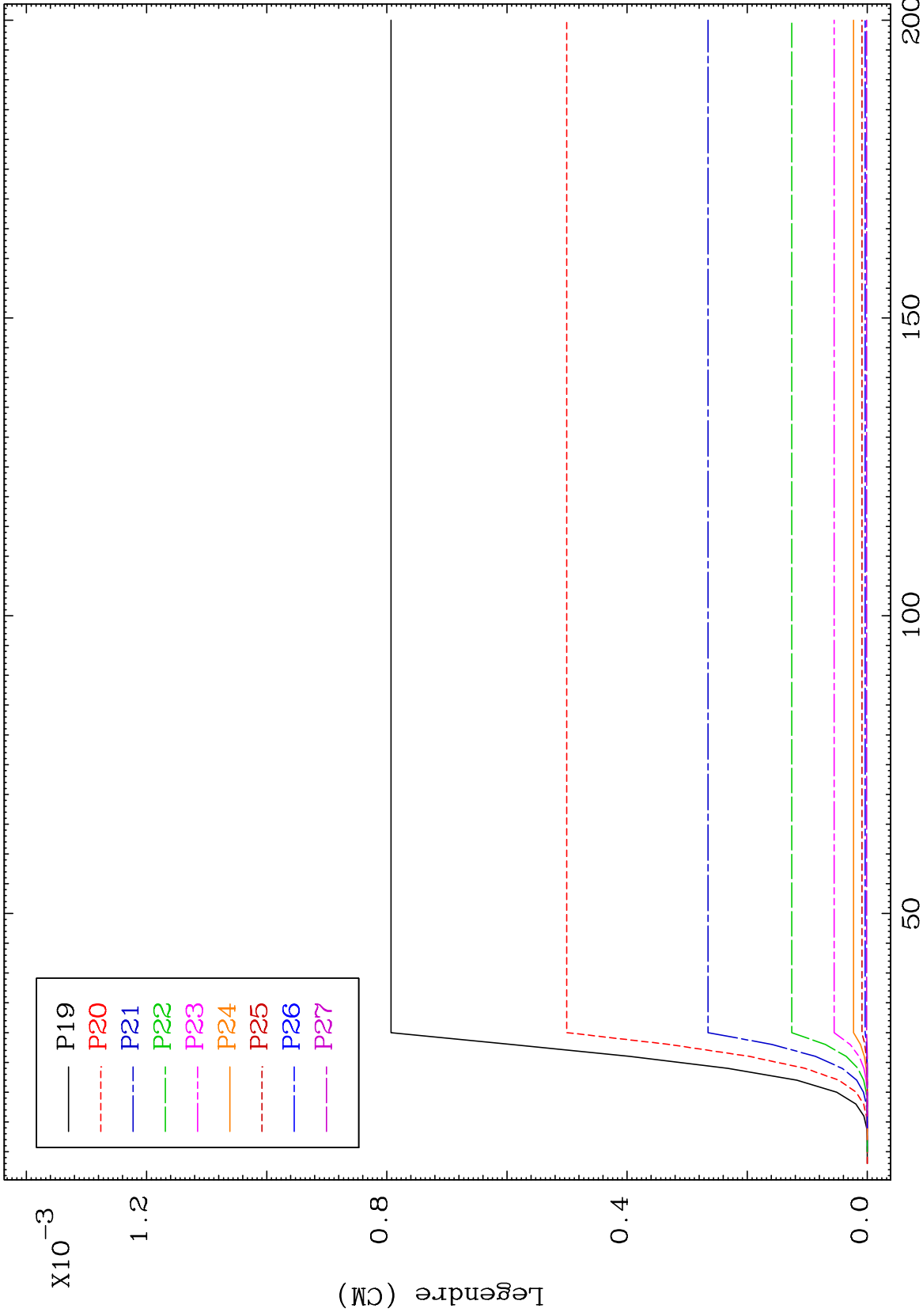
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



87

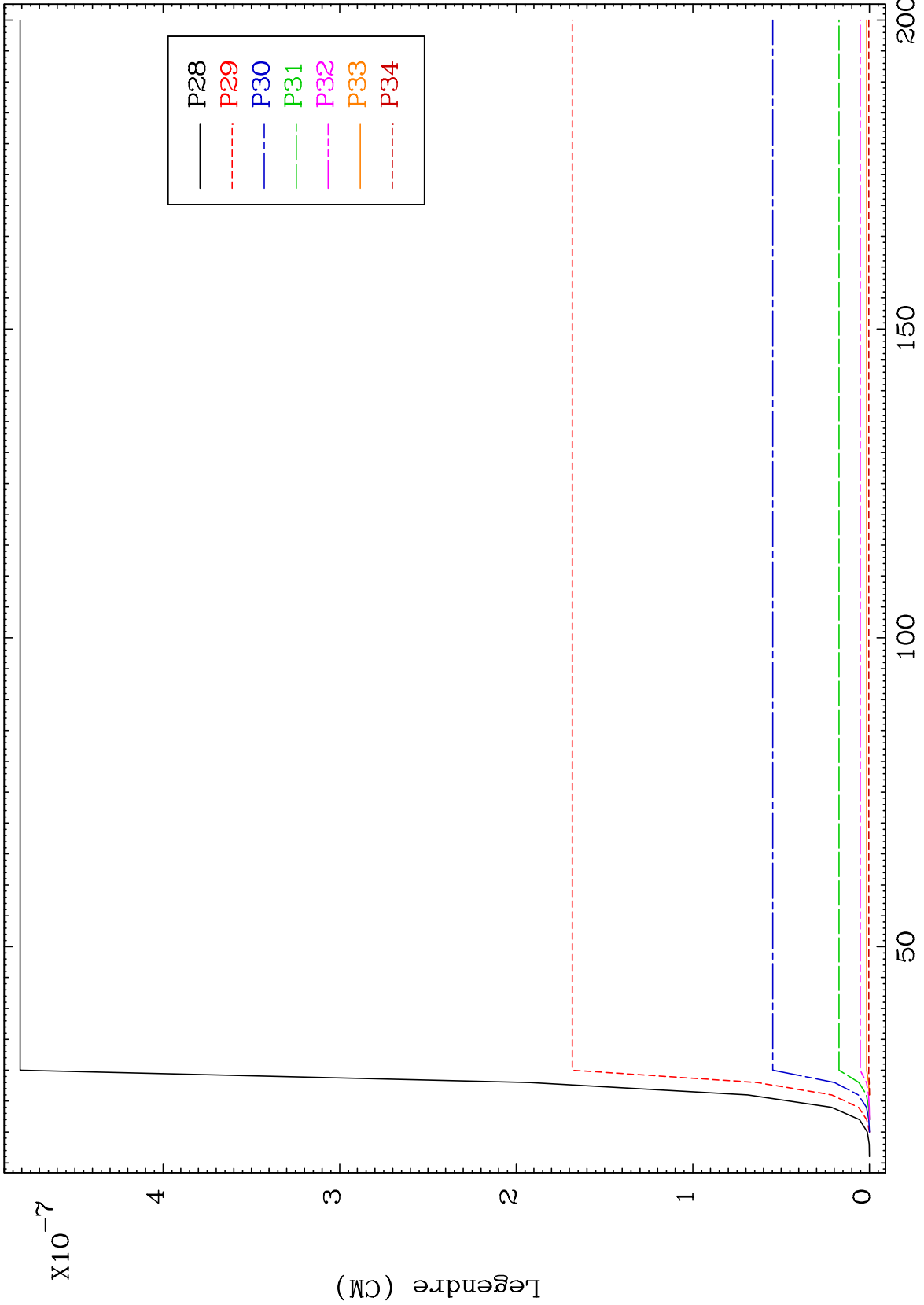
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



88

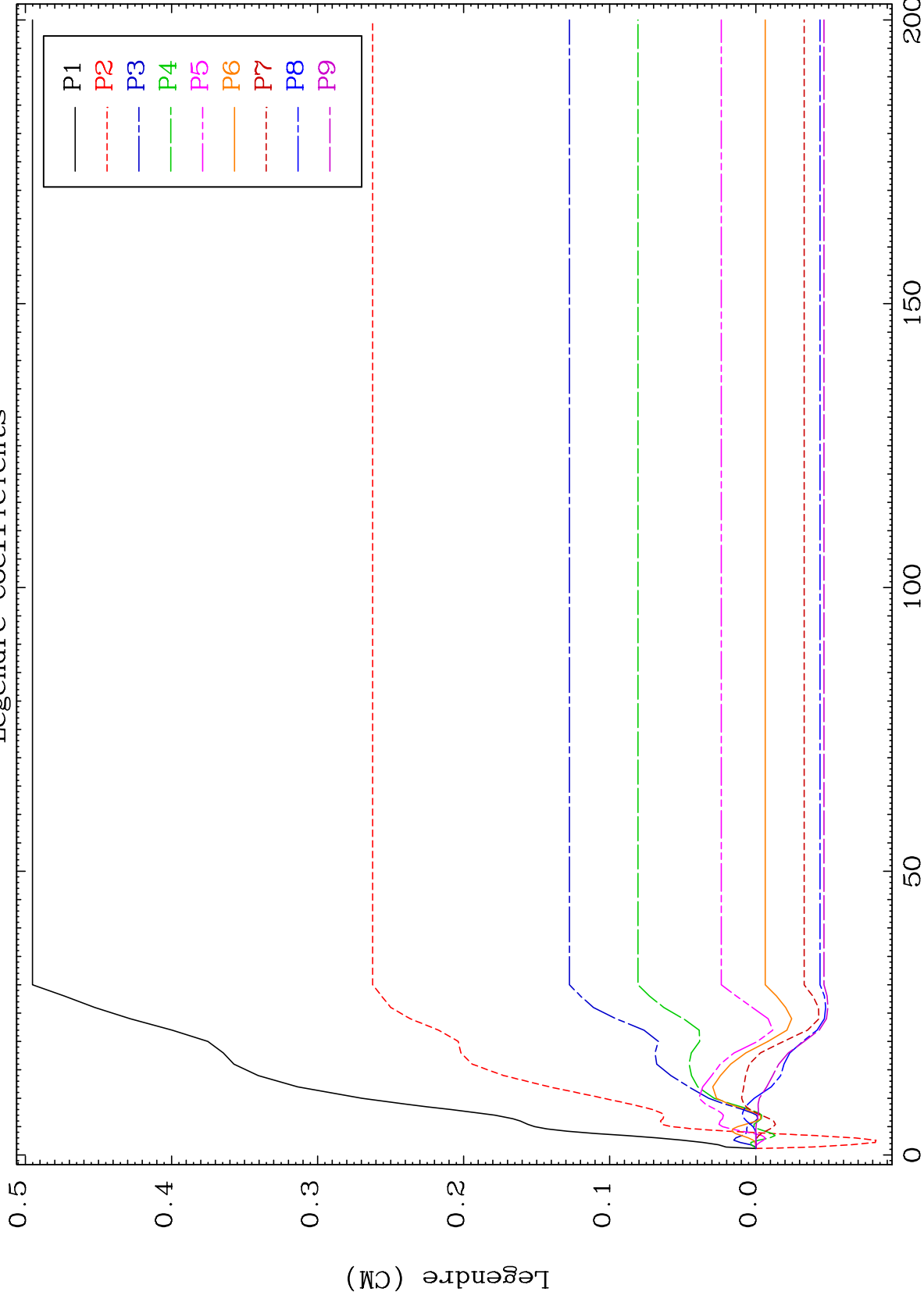
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



89

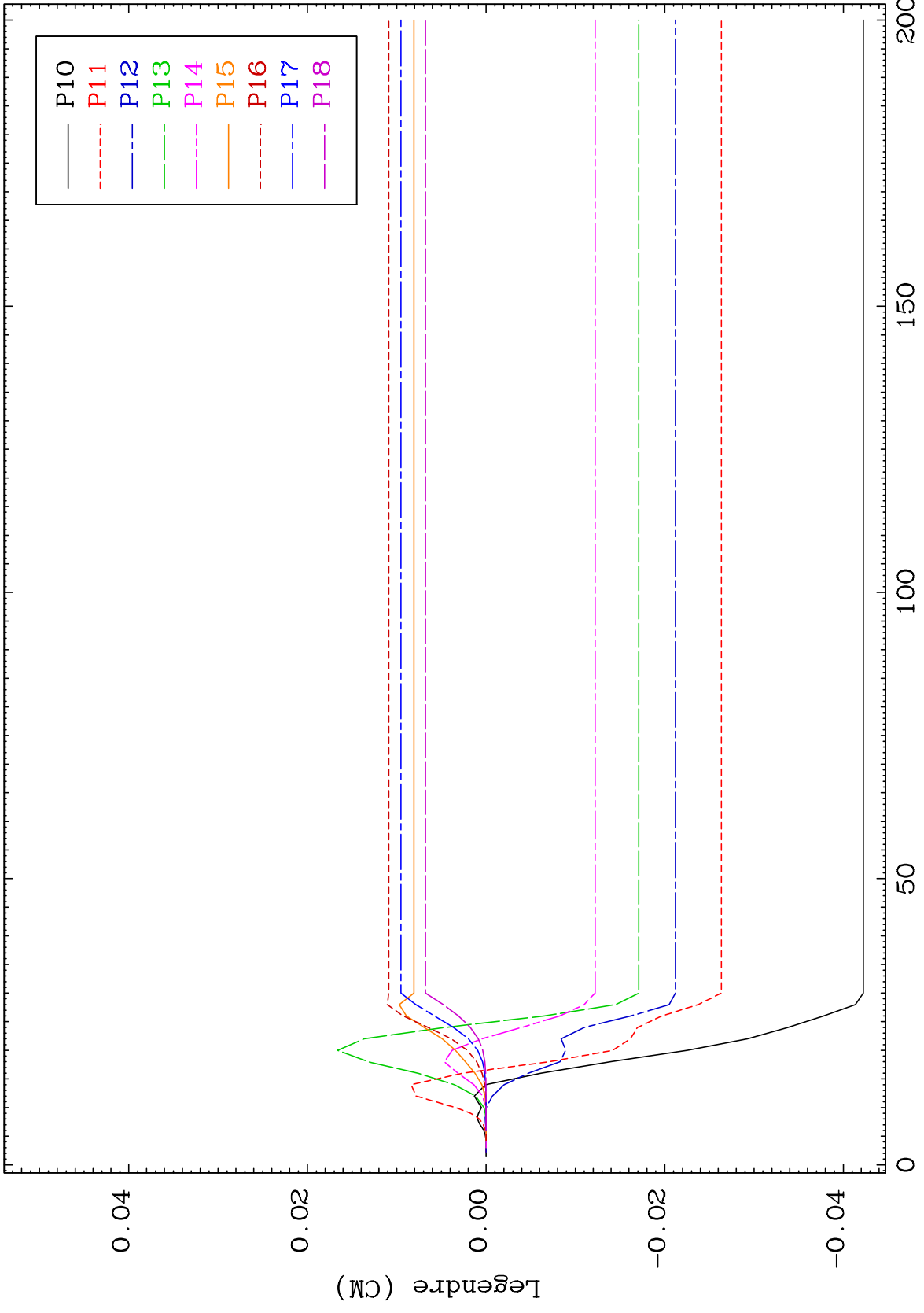
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



90

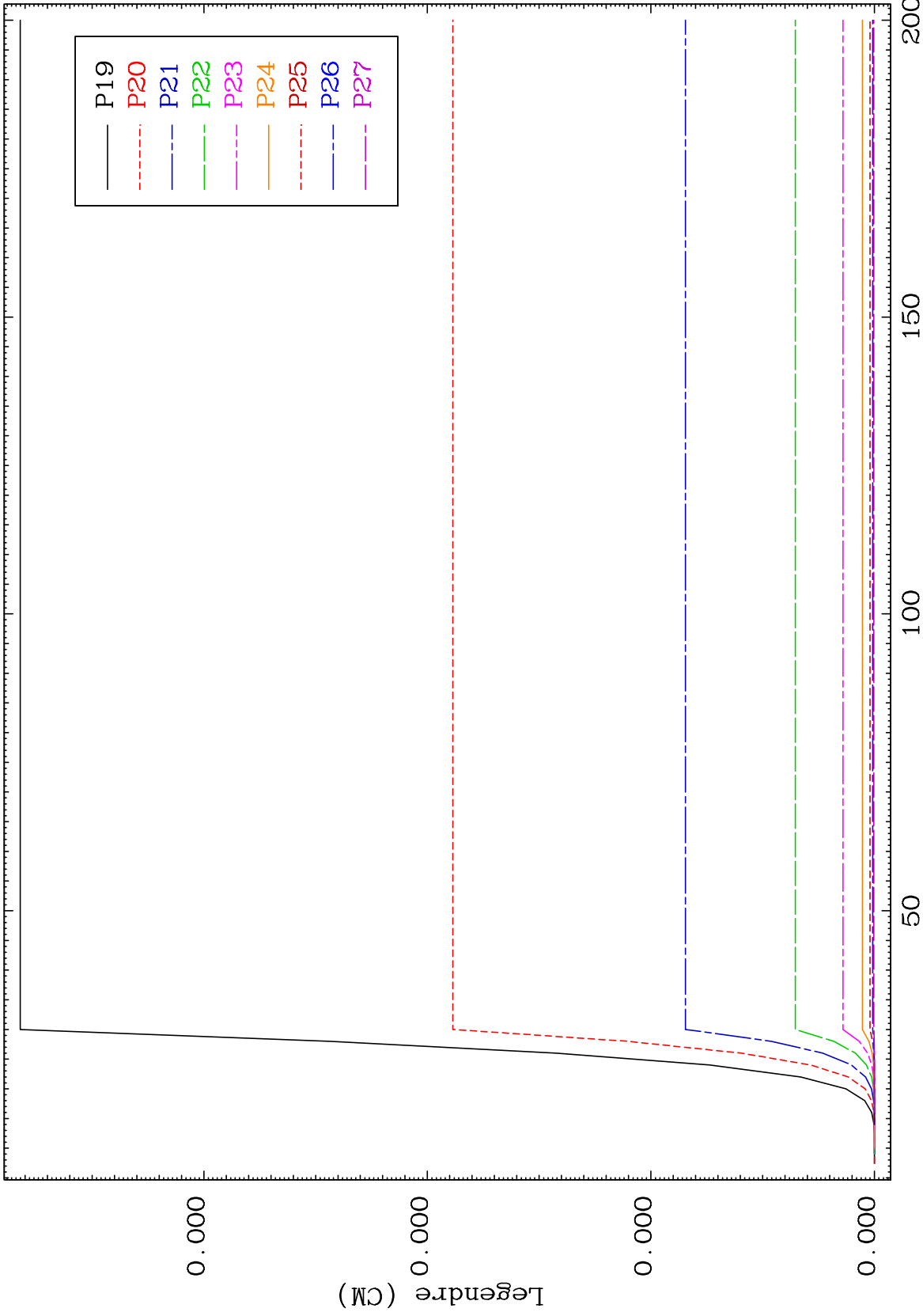
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



91

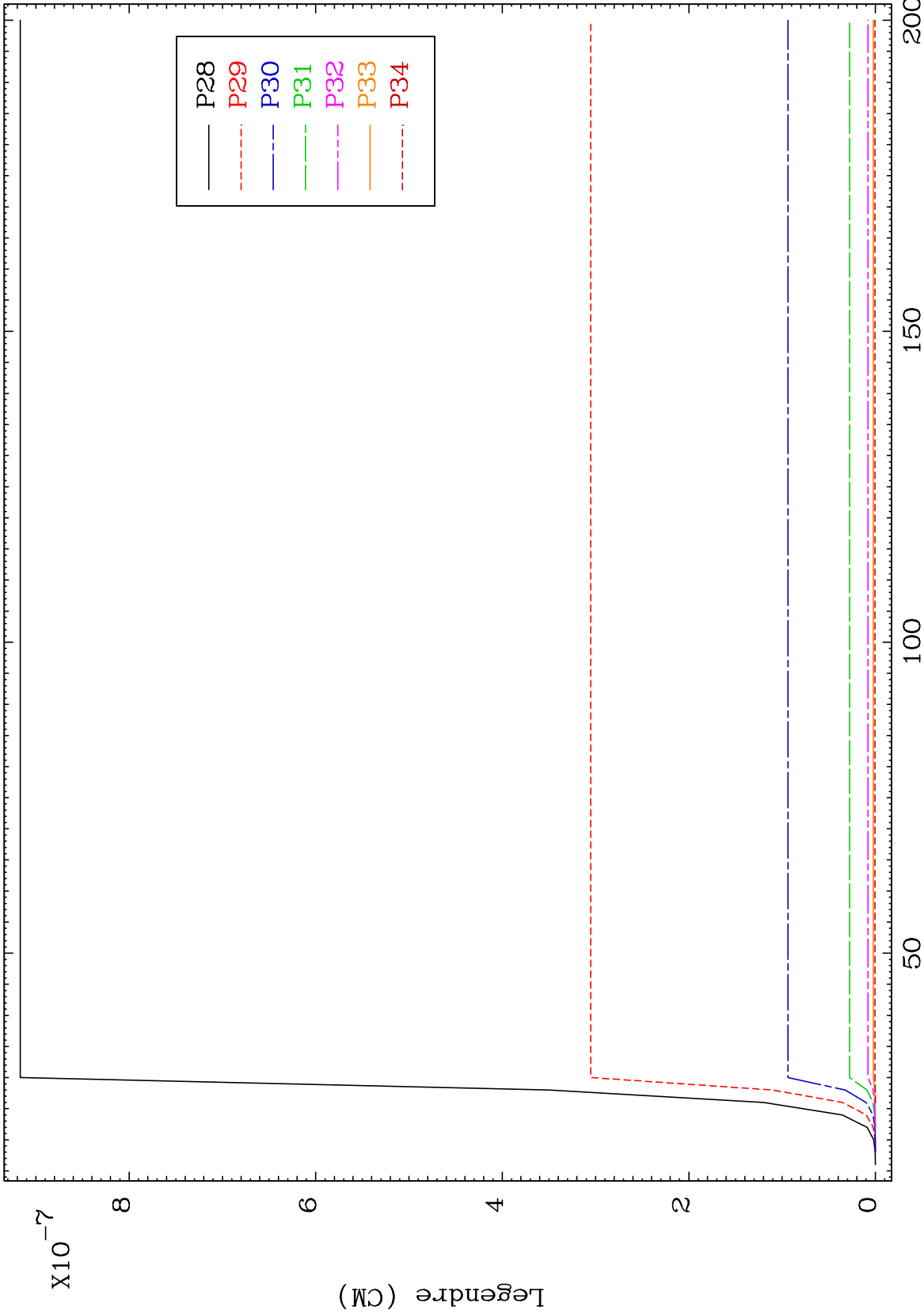
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



92

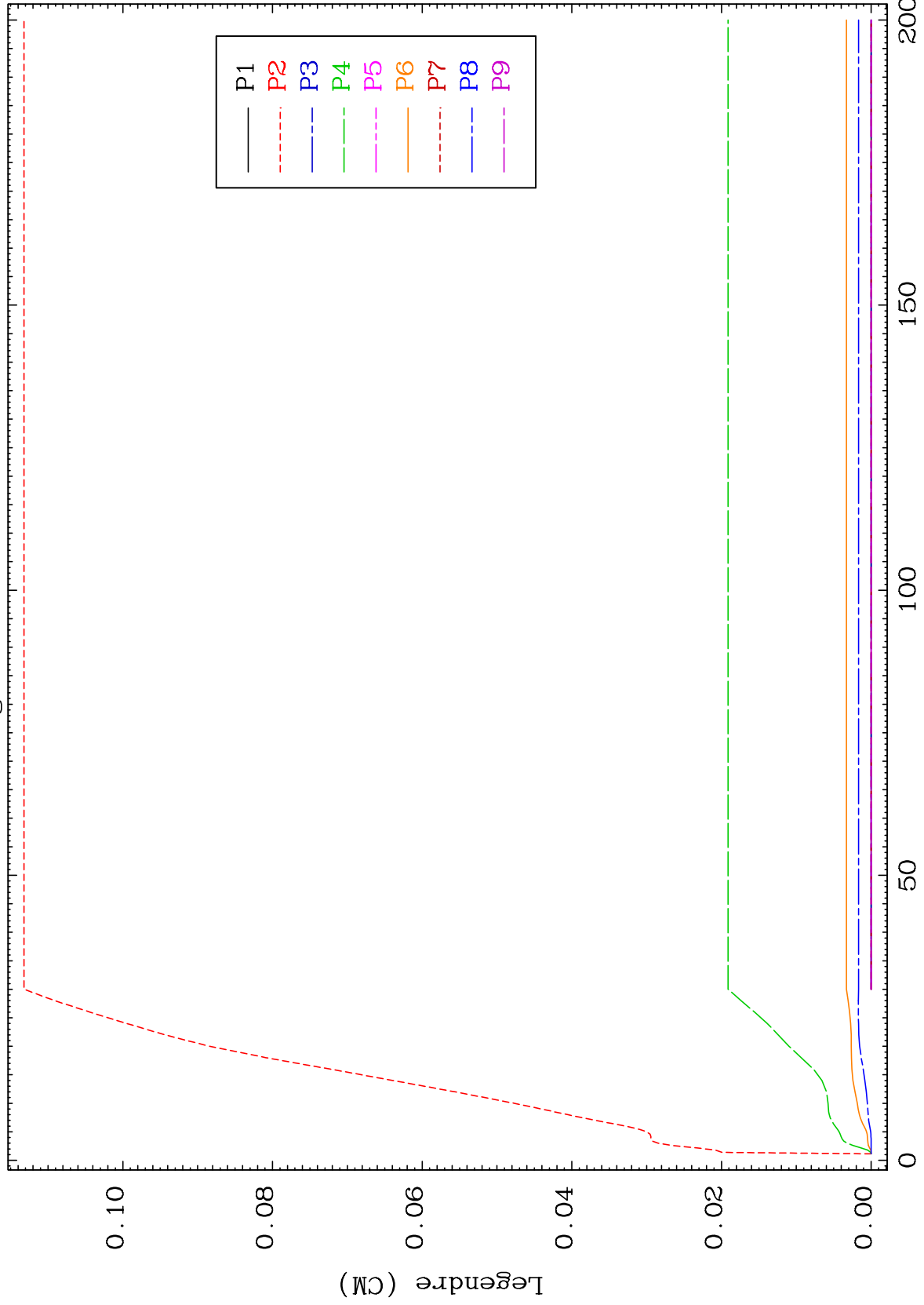
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



93

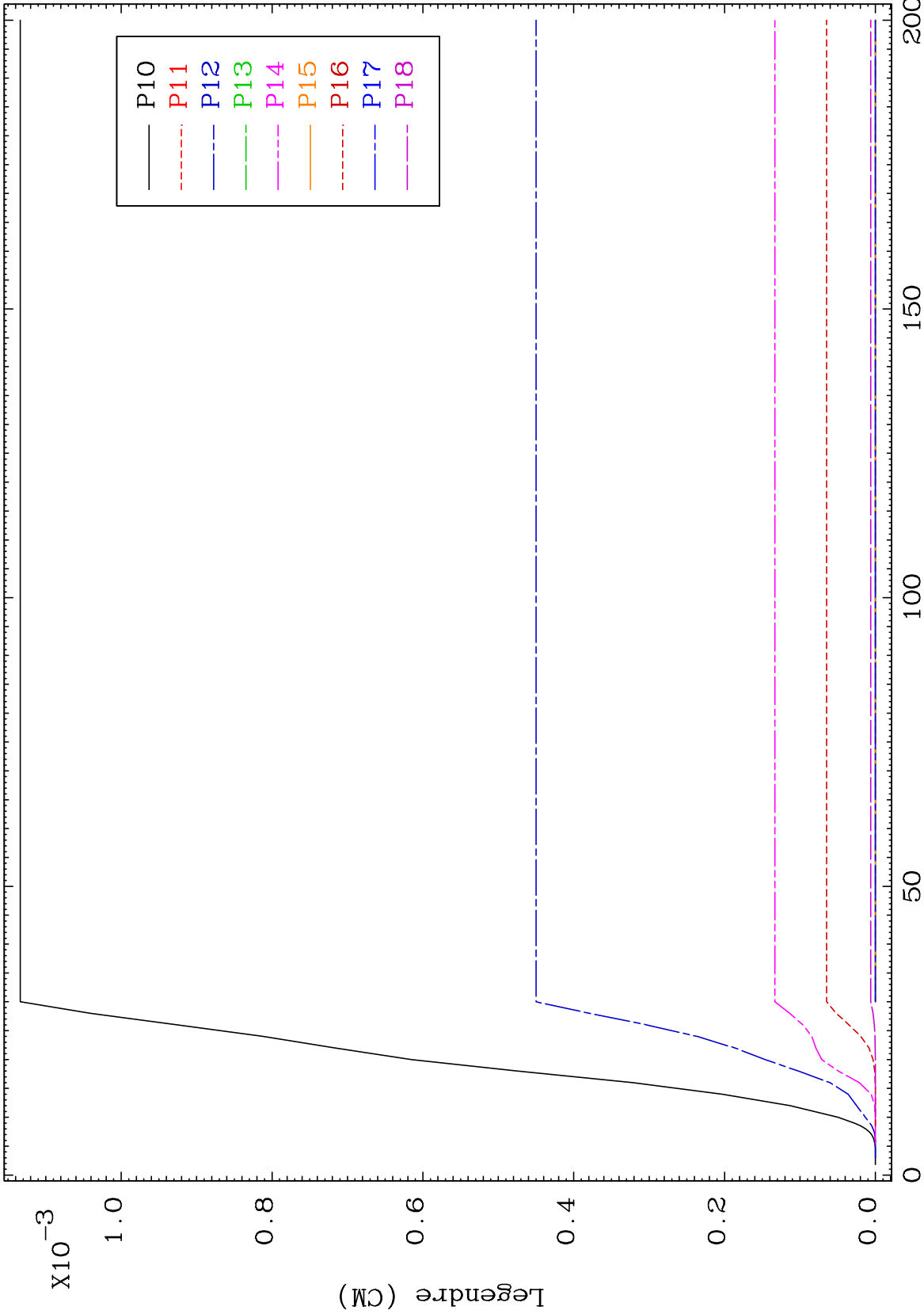
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

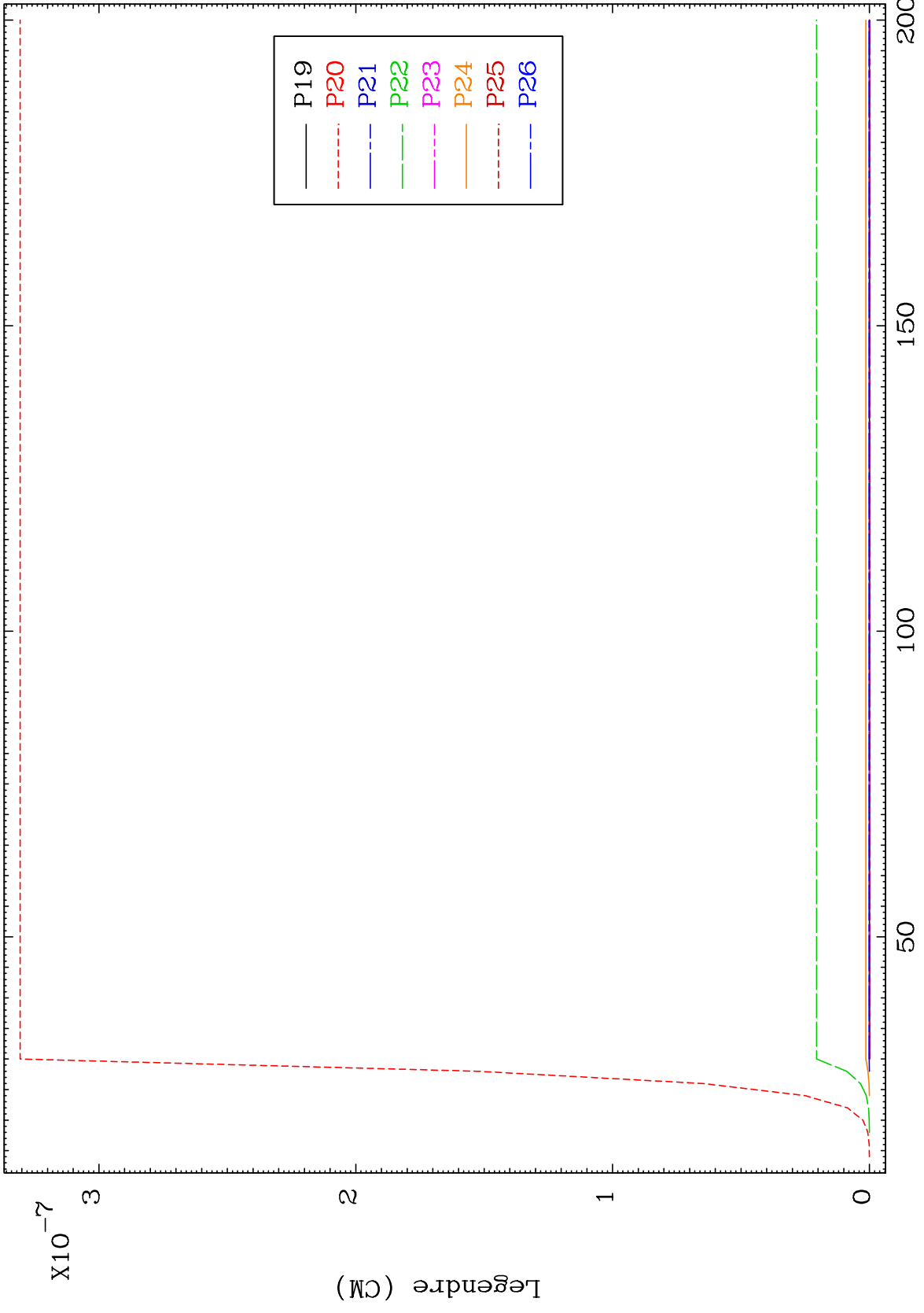


94

Incident Energy (MeV)

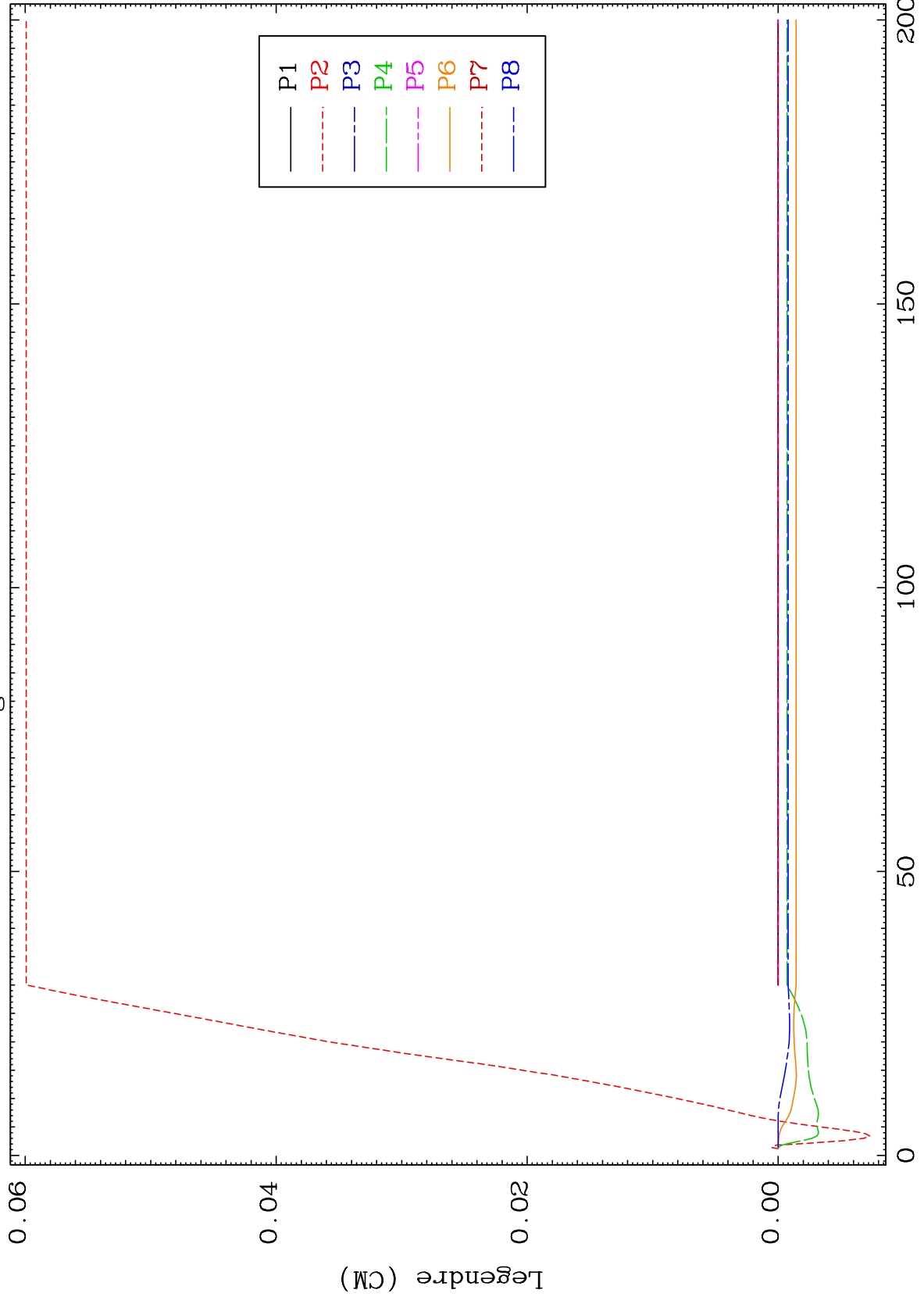
42-Mo-97

MAT 4240 MT= 73 (n,n') Level Legendre Coefficients 42-Mo-97



95 50 100 150 200 Incident Energy (MeV) 42-Mo-97

MAT 4240 MT= 74 (n,n') Level Legendre Coefficients 42-Mo-97

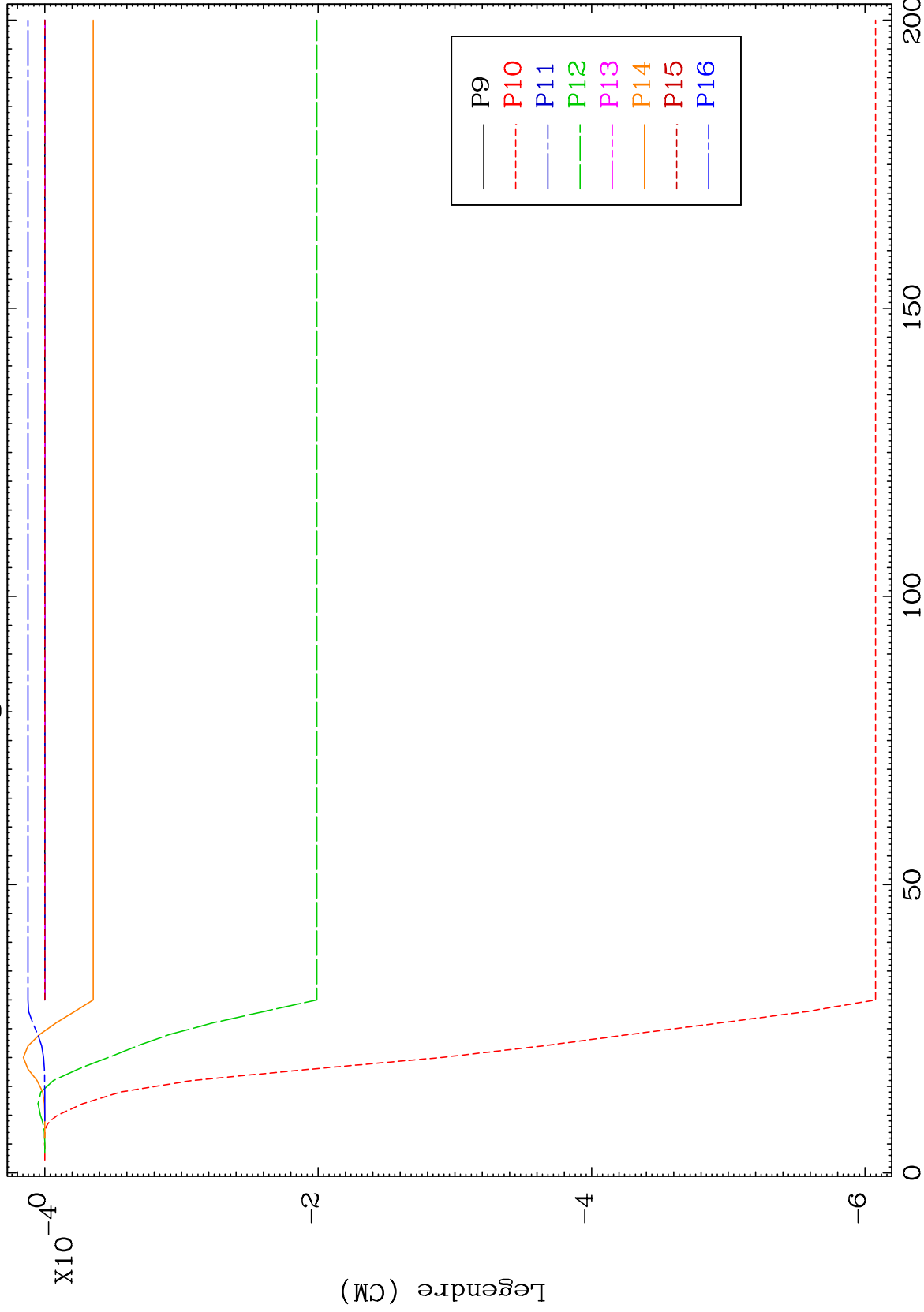


96 42-Mo-97

MAT 4240

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

42-Mo-97



97

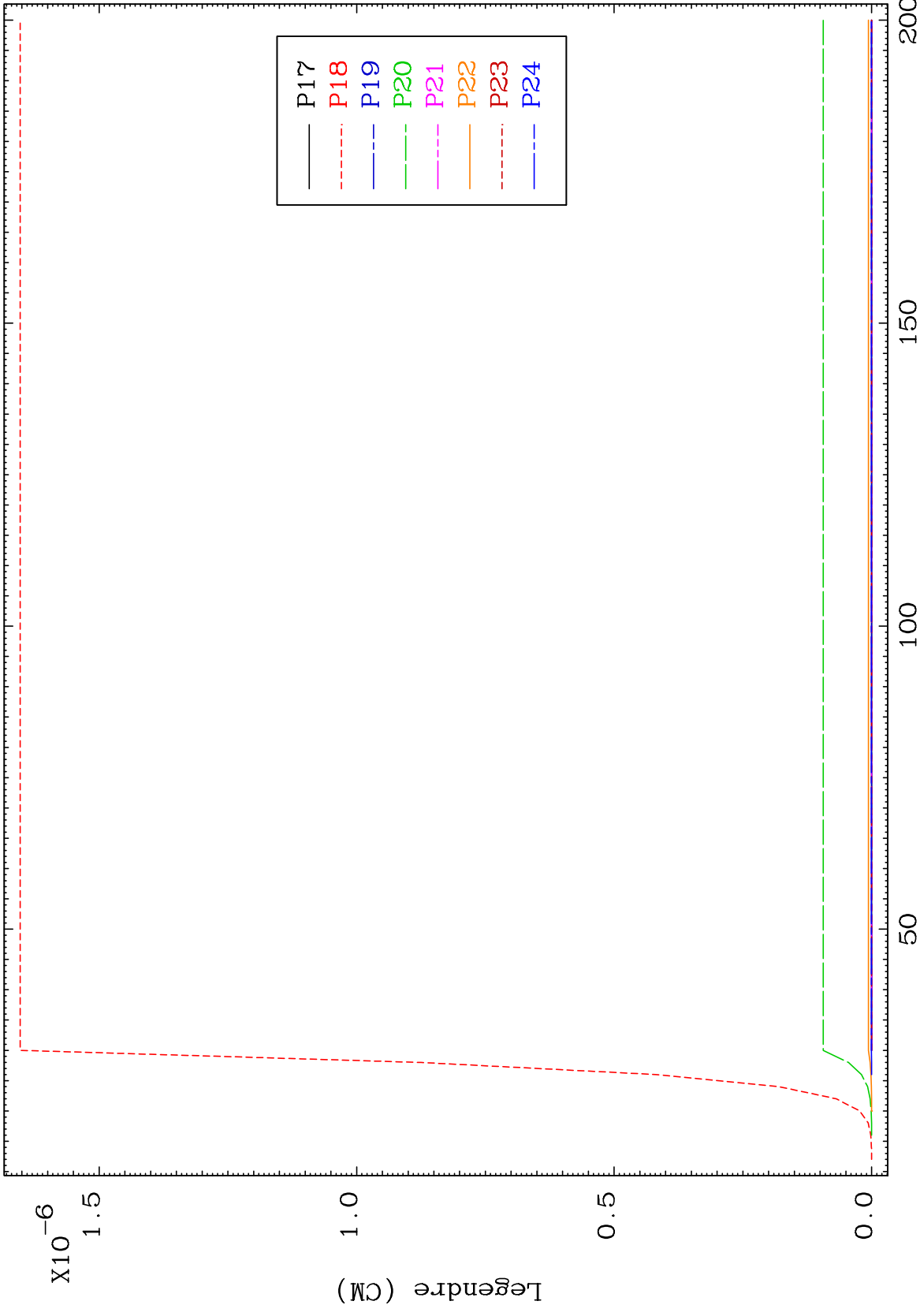
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

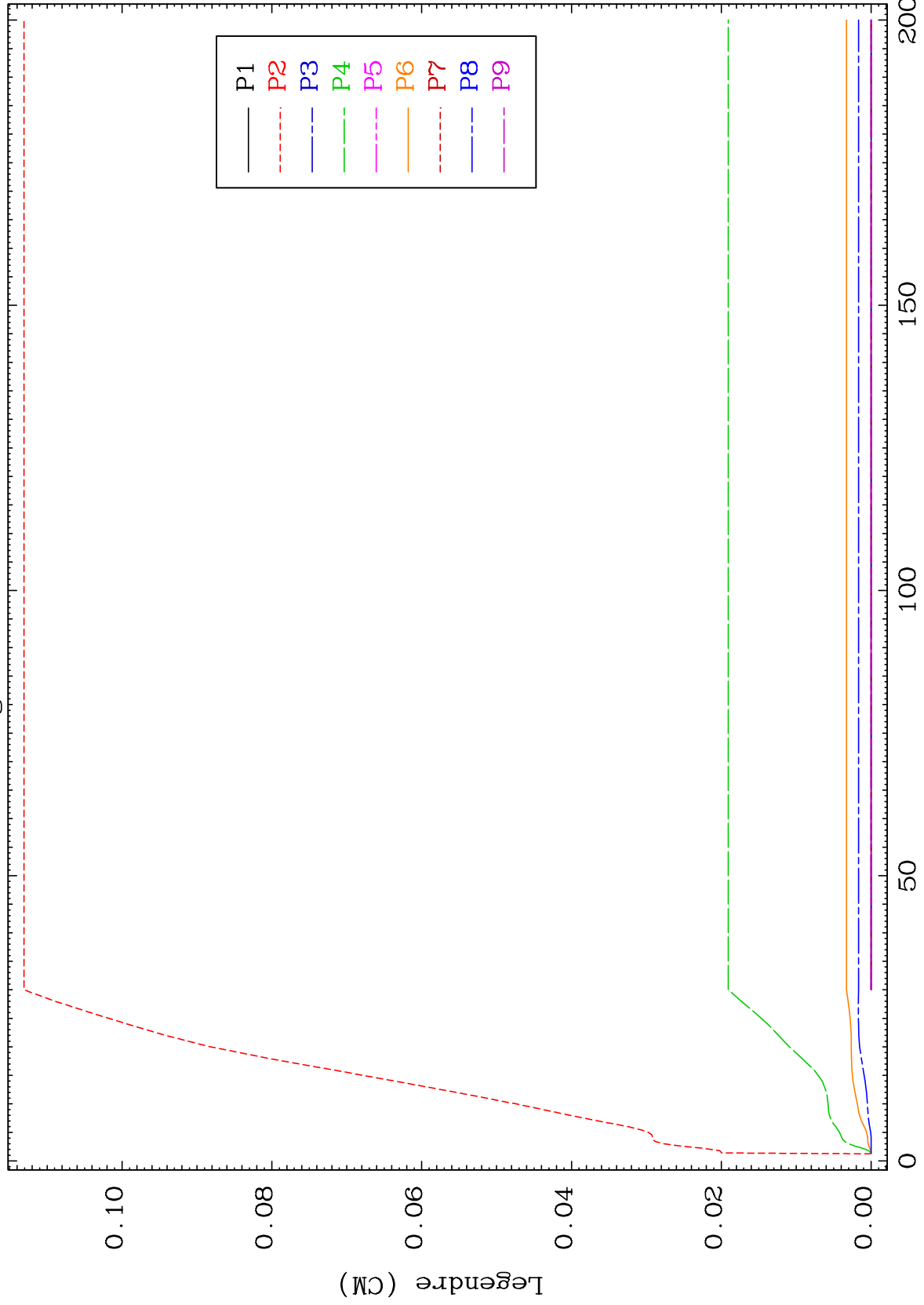


98

MAT 4240

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

42-Mo-97



99

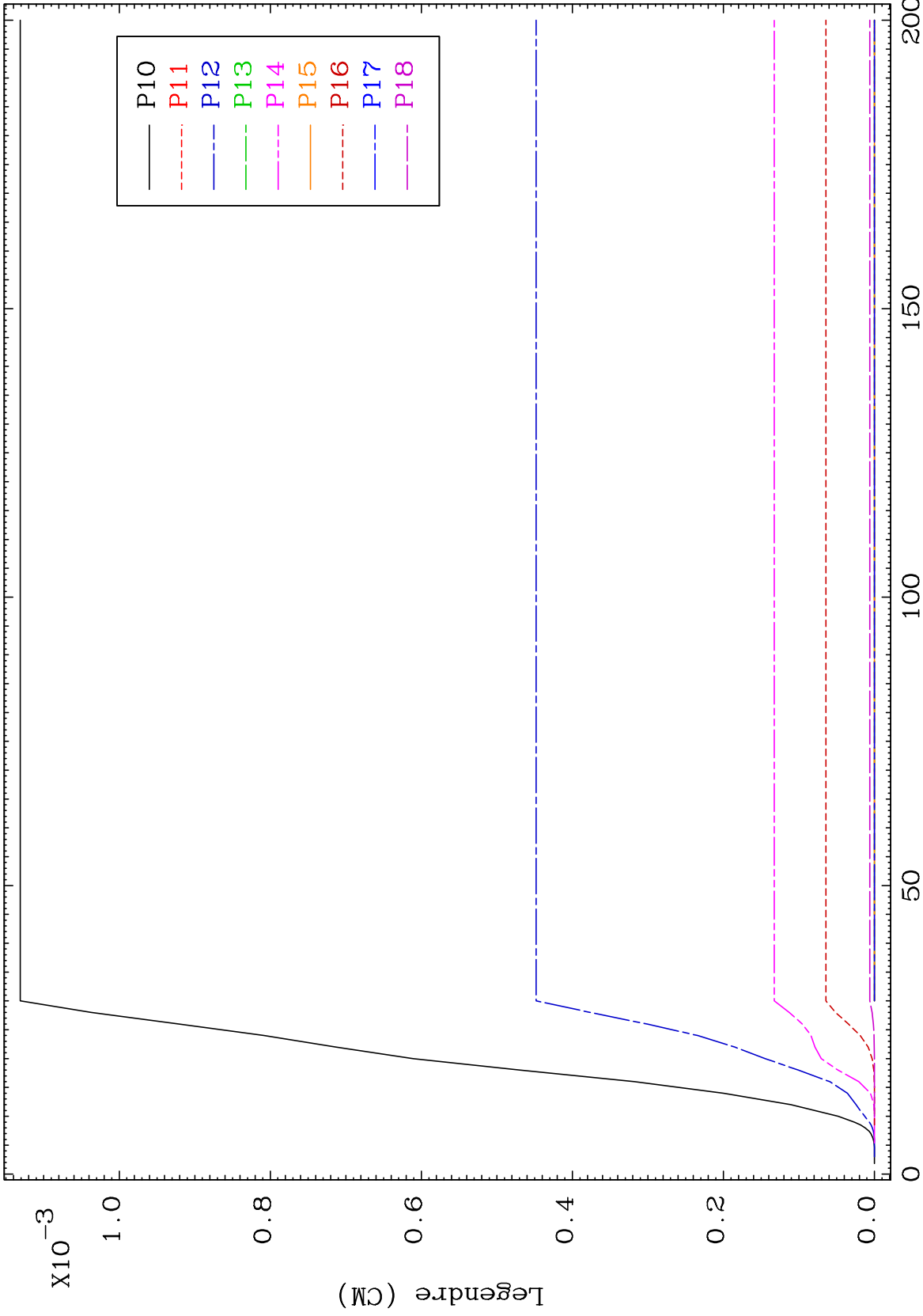
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

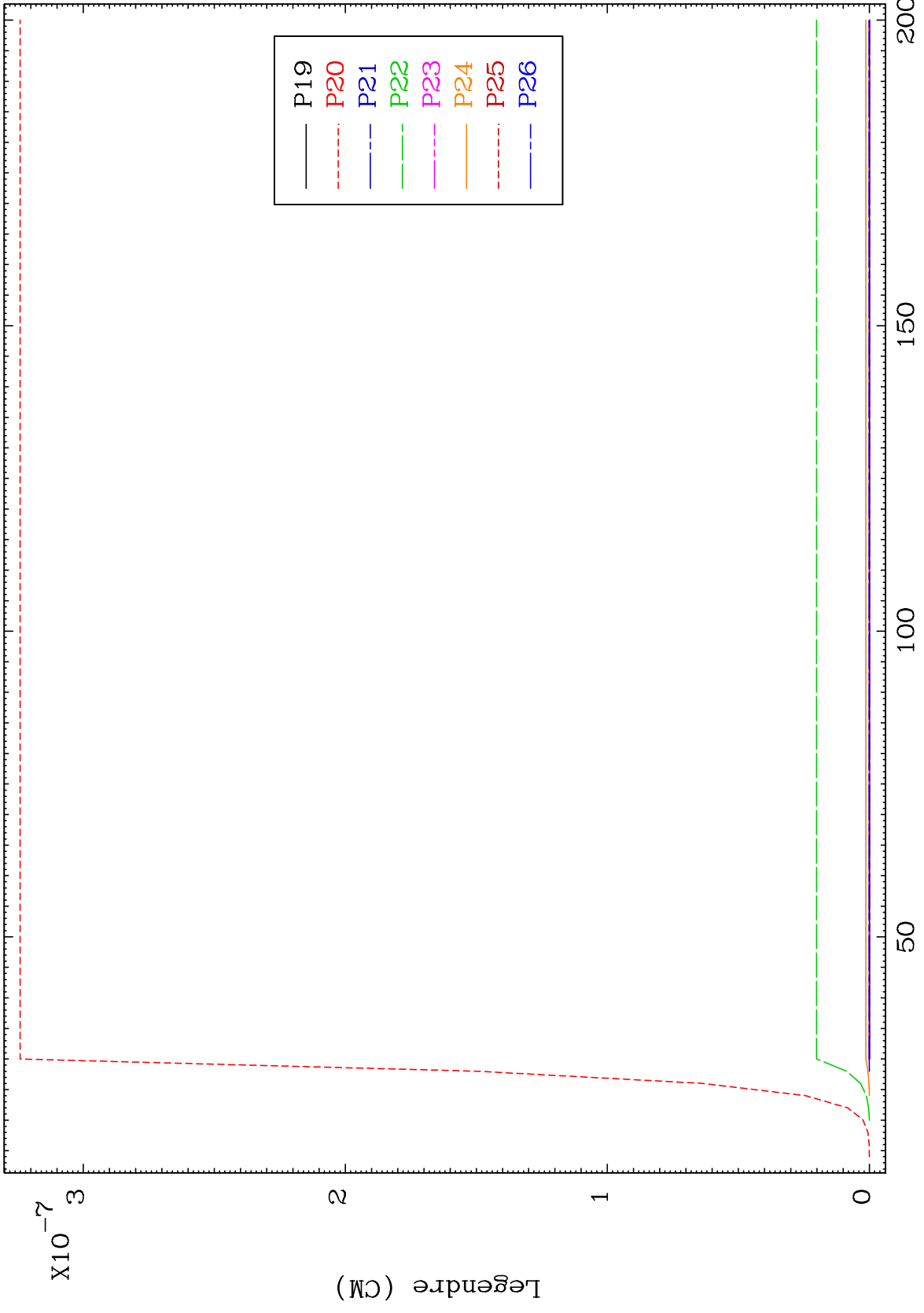


42-Mo-97

Incident Energy (MeV)

Legendre (CM)
X10⁻³

MAT 4240 MT= 75 (n,n') Level Legendre Coefficients 42-Mo-97

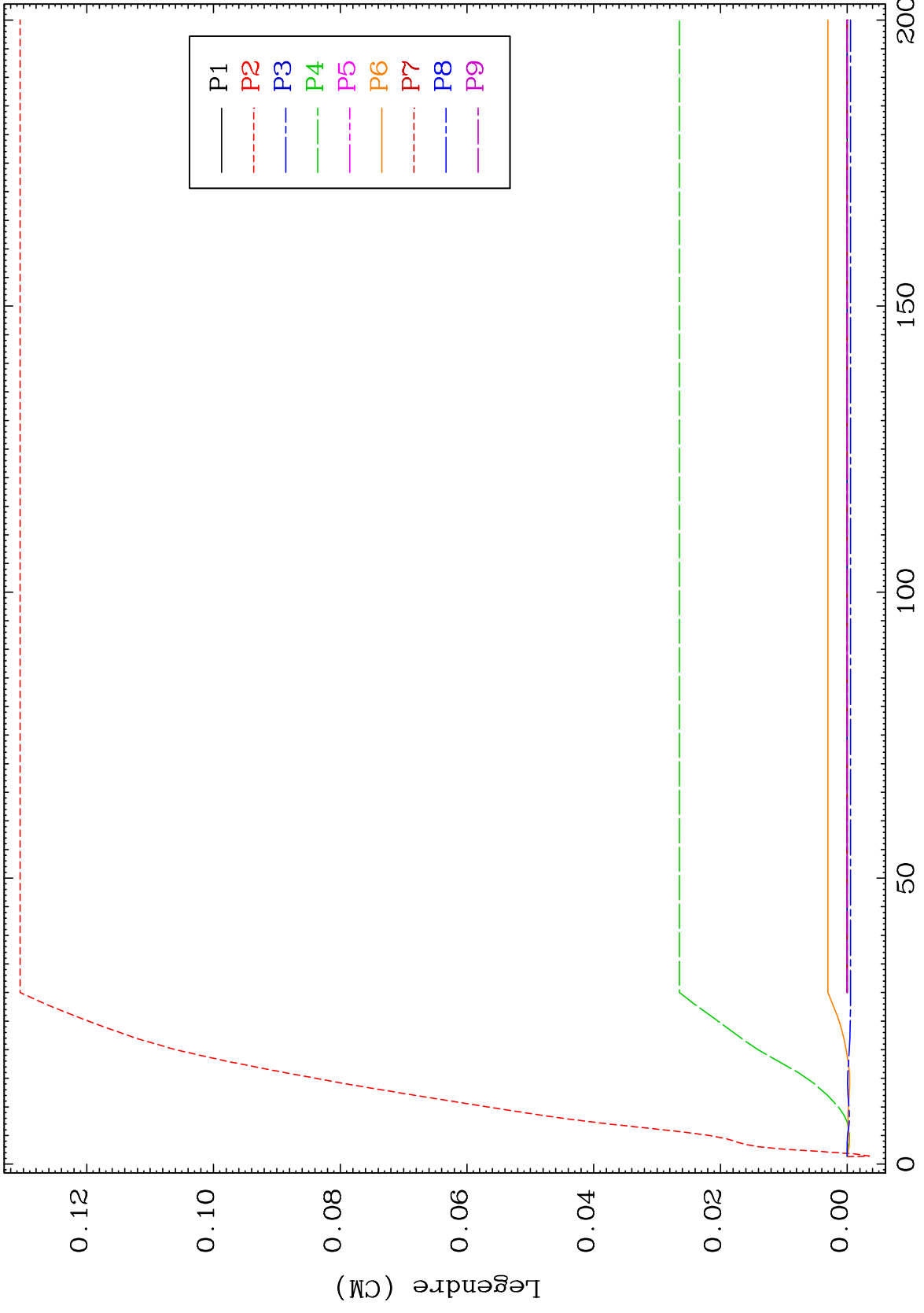


101 Incident Energy (MeV) 42-Mo-97

MAT 4240

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

42-Mo-97



102

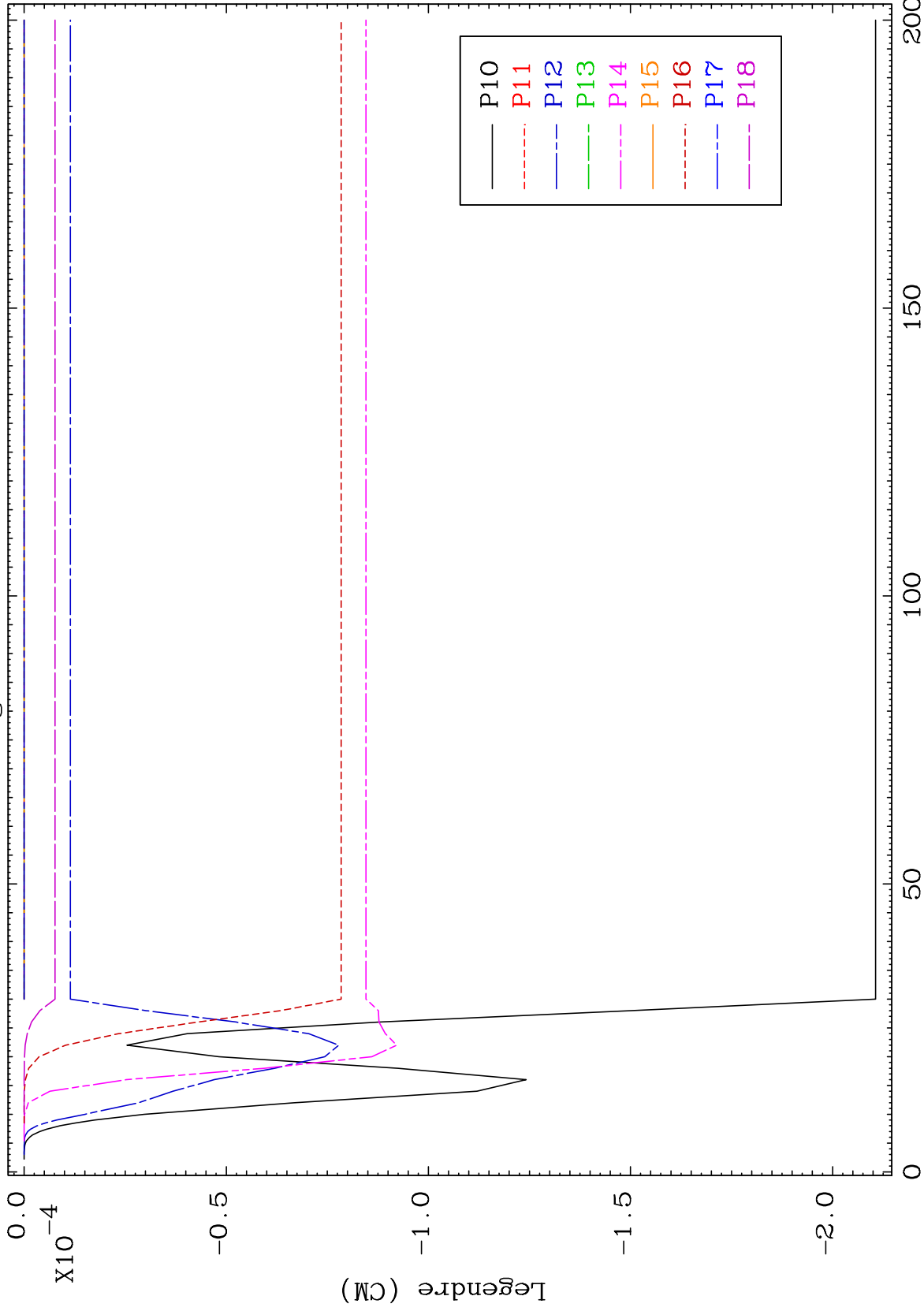
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

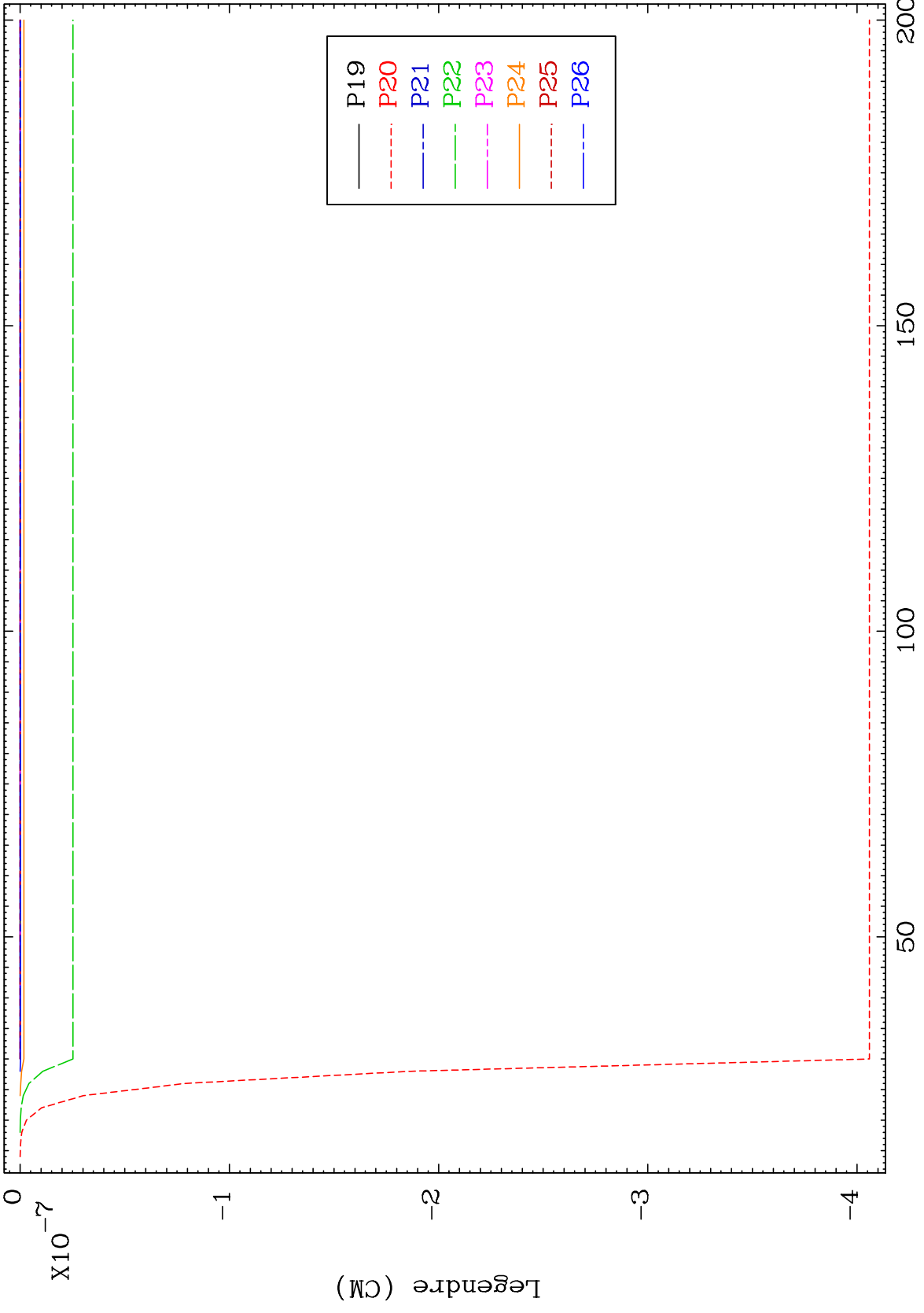


103

Incident Energy (MeV)

42-Mo-97

MAT 4240 MT= 76 (n,n') Level Legendre Coefficients 42-Mo-97

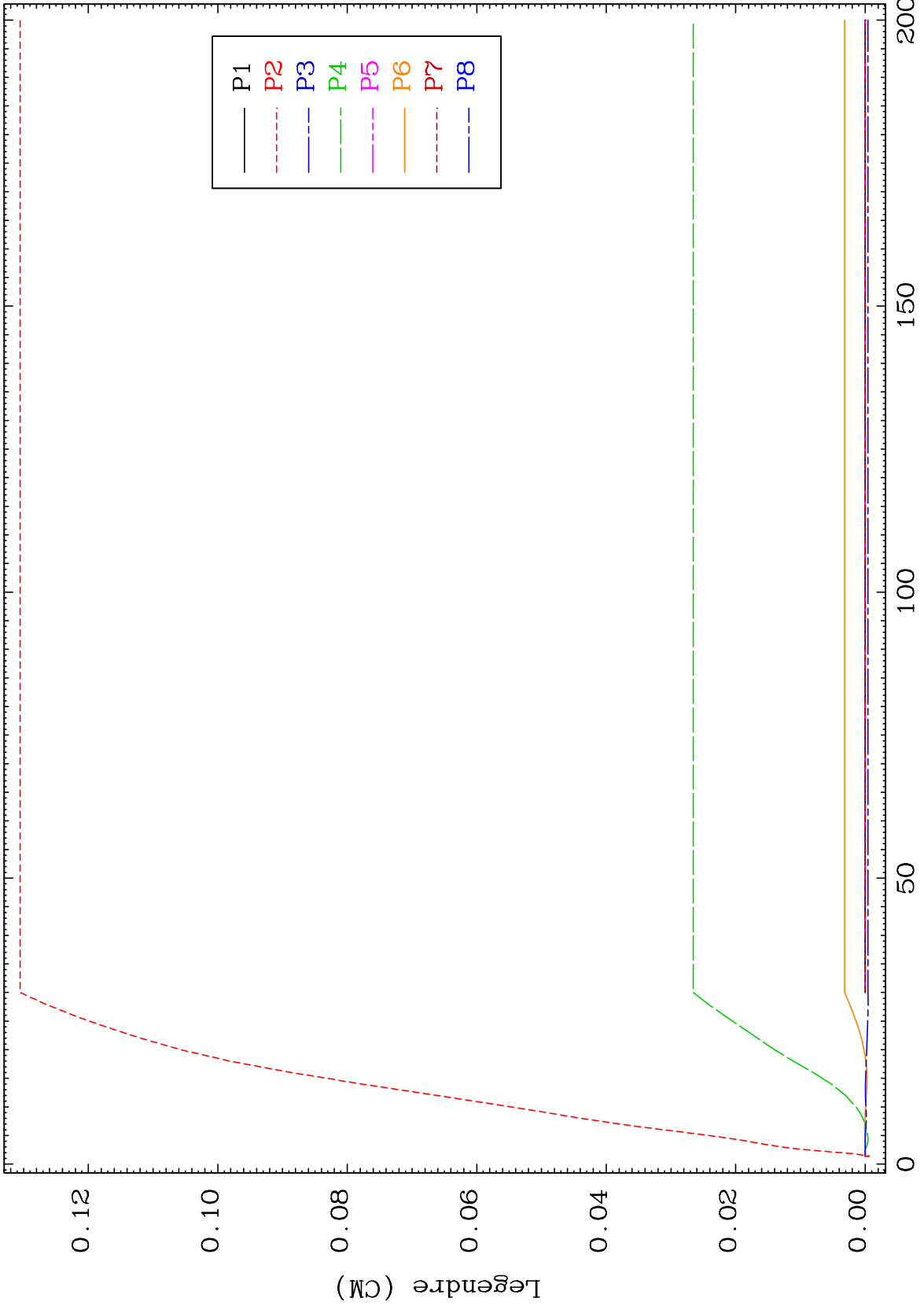


104 42-Mo-97

MAT 4240

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

42-Mo-97



42-Mo-97

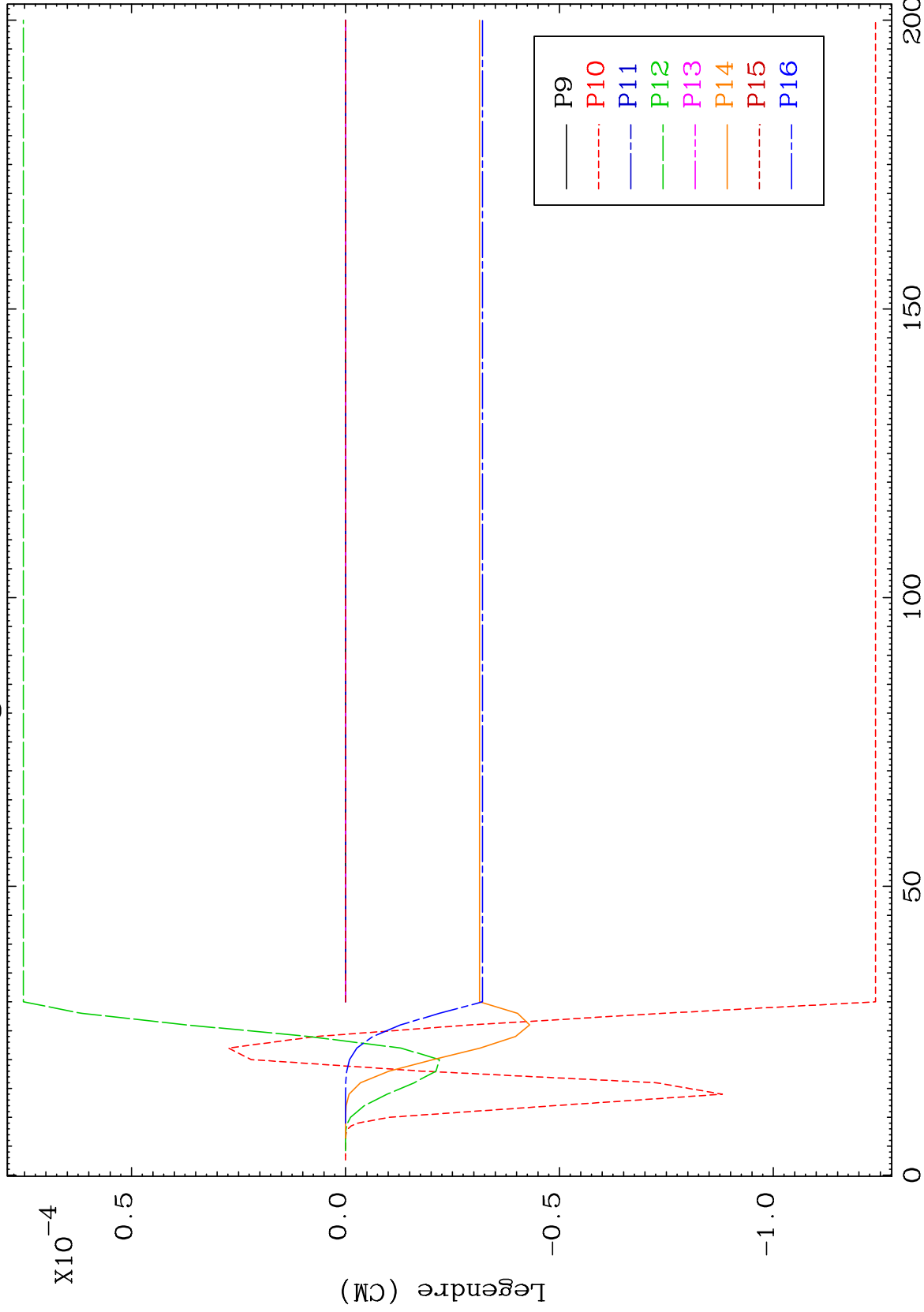
Incident Energy (MeV)

105

MAT 4240

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

42-Mo-97



106

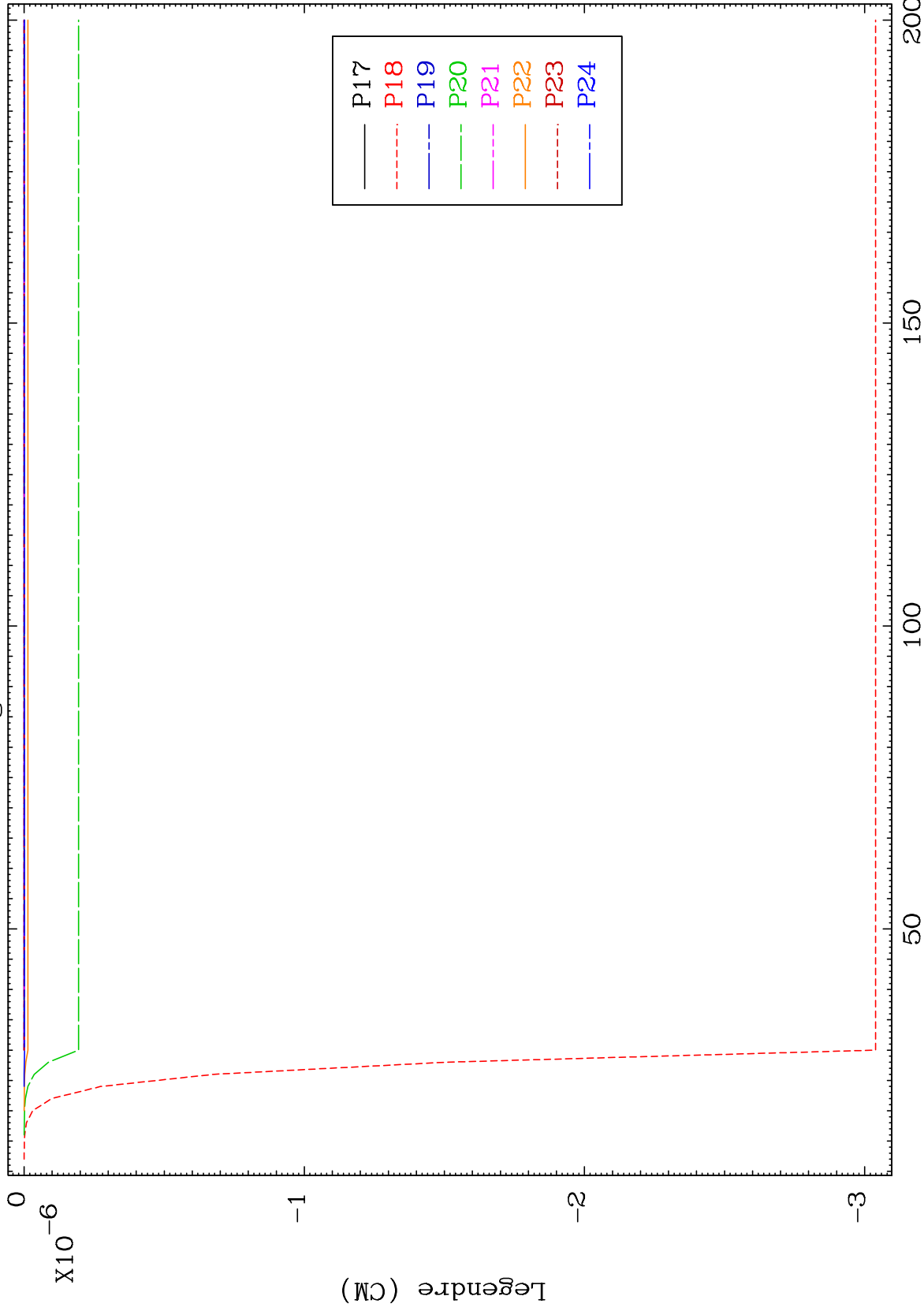
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

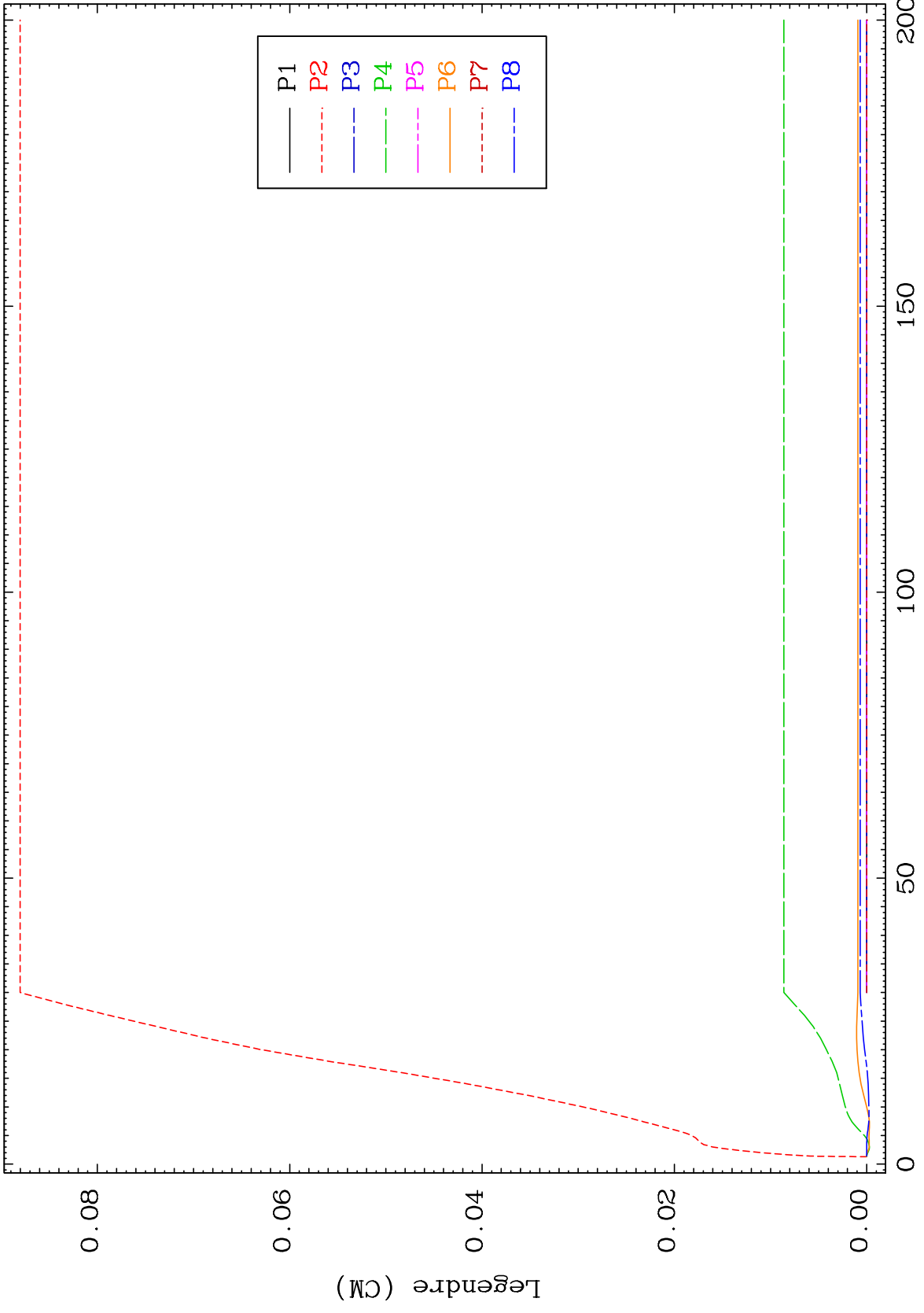


42-Mo-97

Incident Energy (MeV)

107

MAT 4240 MT= 78 (n,n') Level Legendre Coefficients 42-Mo-97

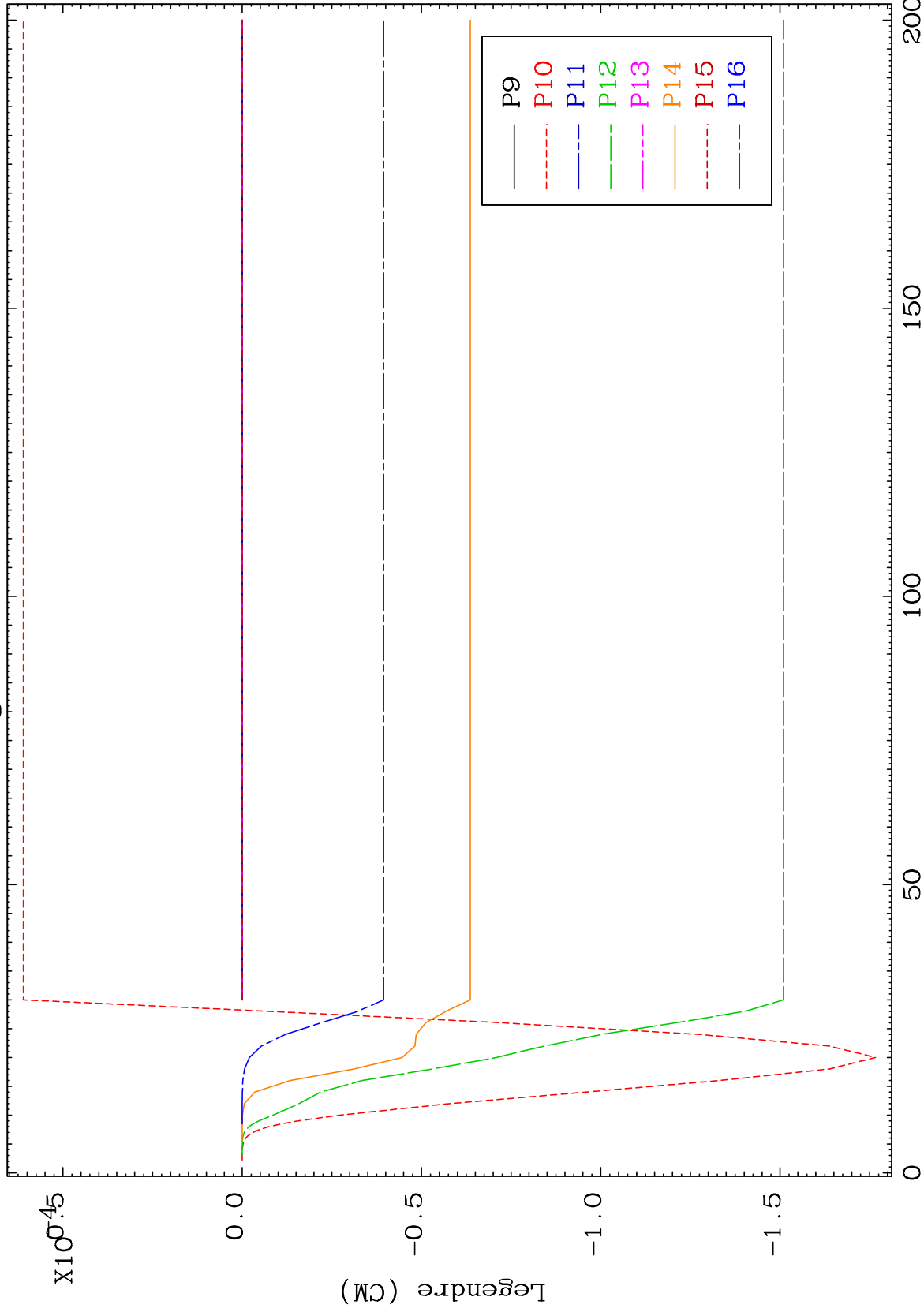


108 Incident Energy (MeV) 42-Mo-97

MAT 4240

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

42-Mo-97



109

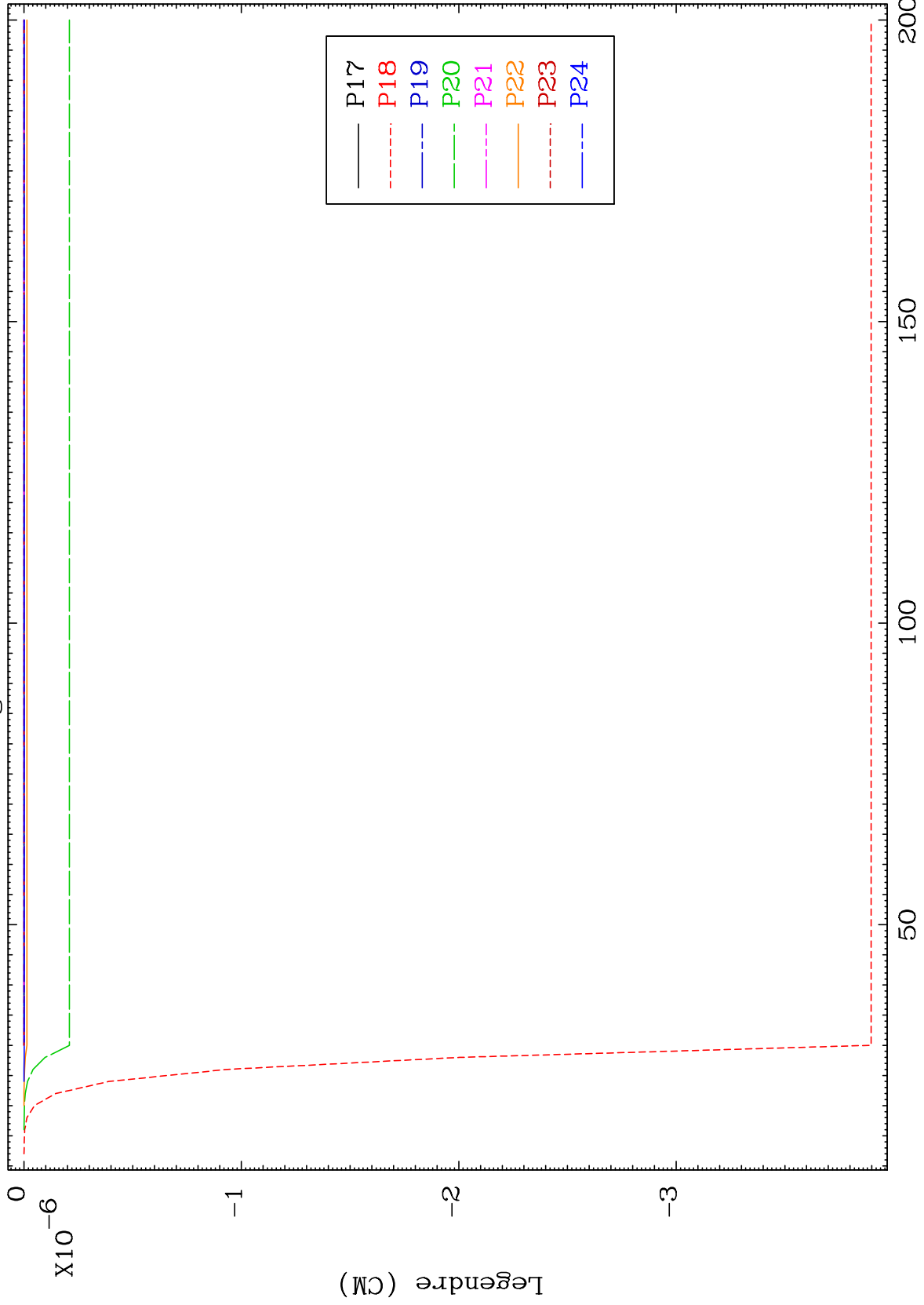
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97



42-Mo-97

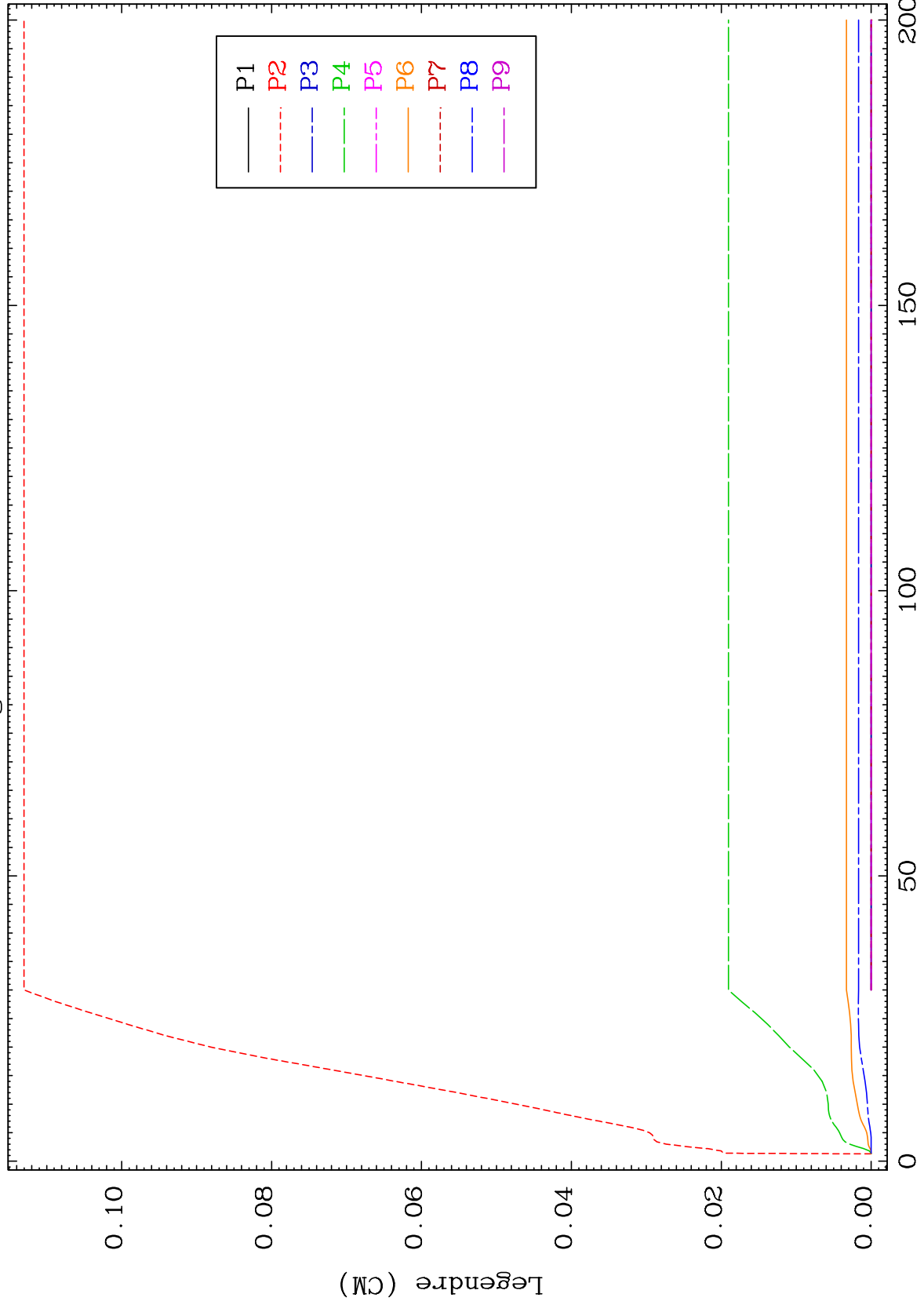
Incident Energy (MeV)

110

MAT 4240

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

42-Mo-97



111

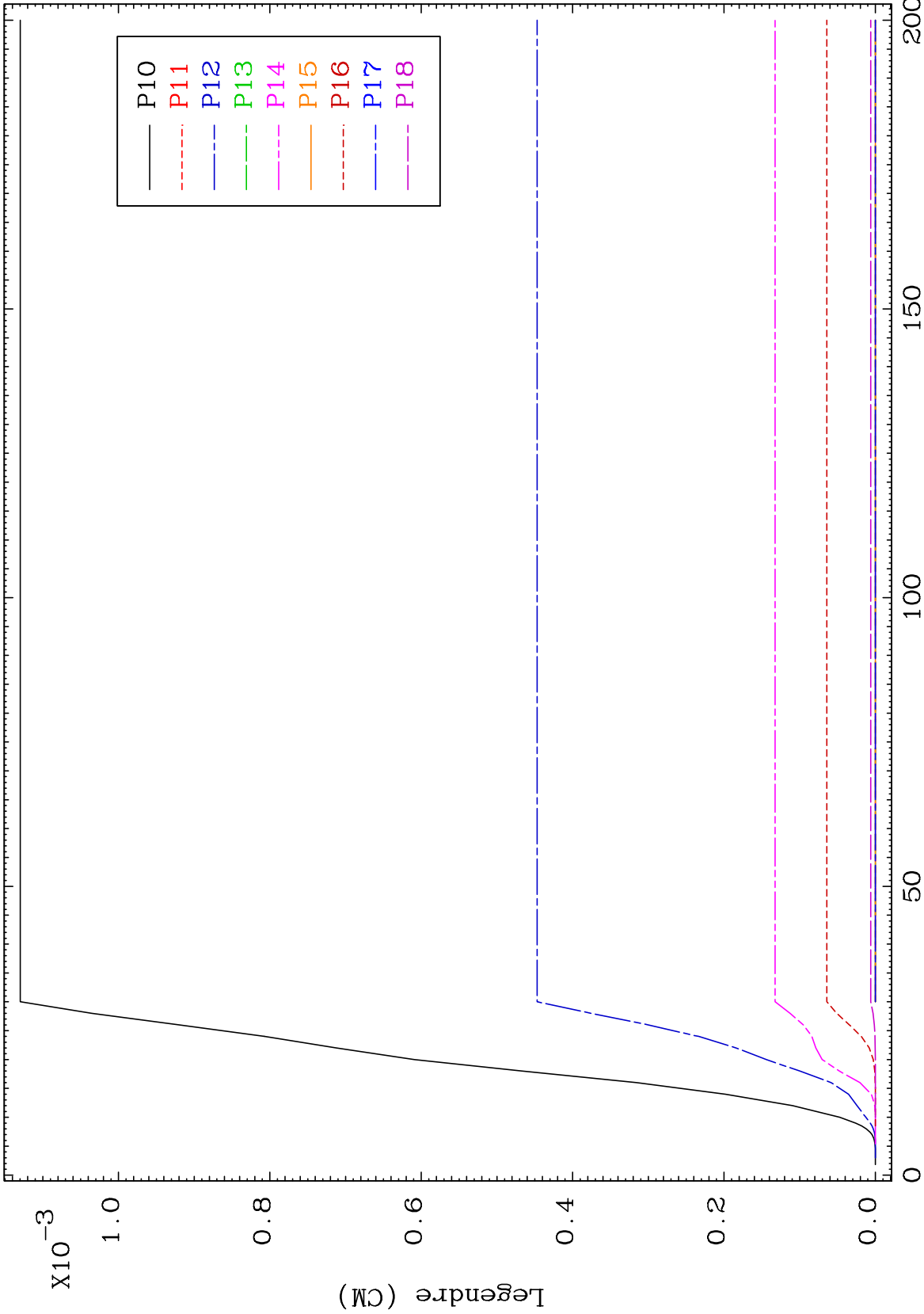
Incident Energy (MeV)

42-Mo-97

MAT 4240

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

42-Mo-97

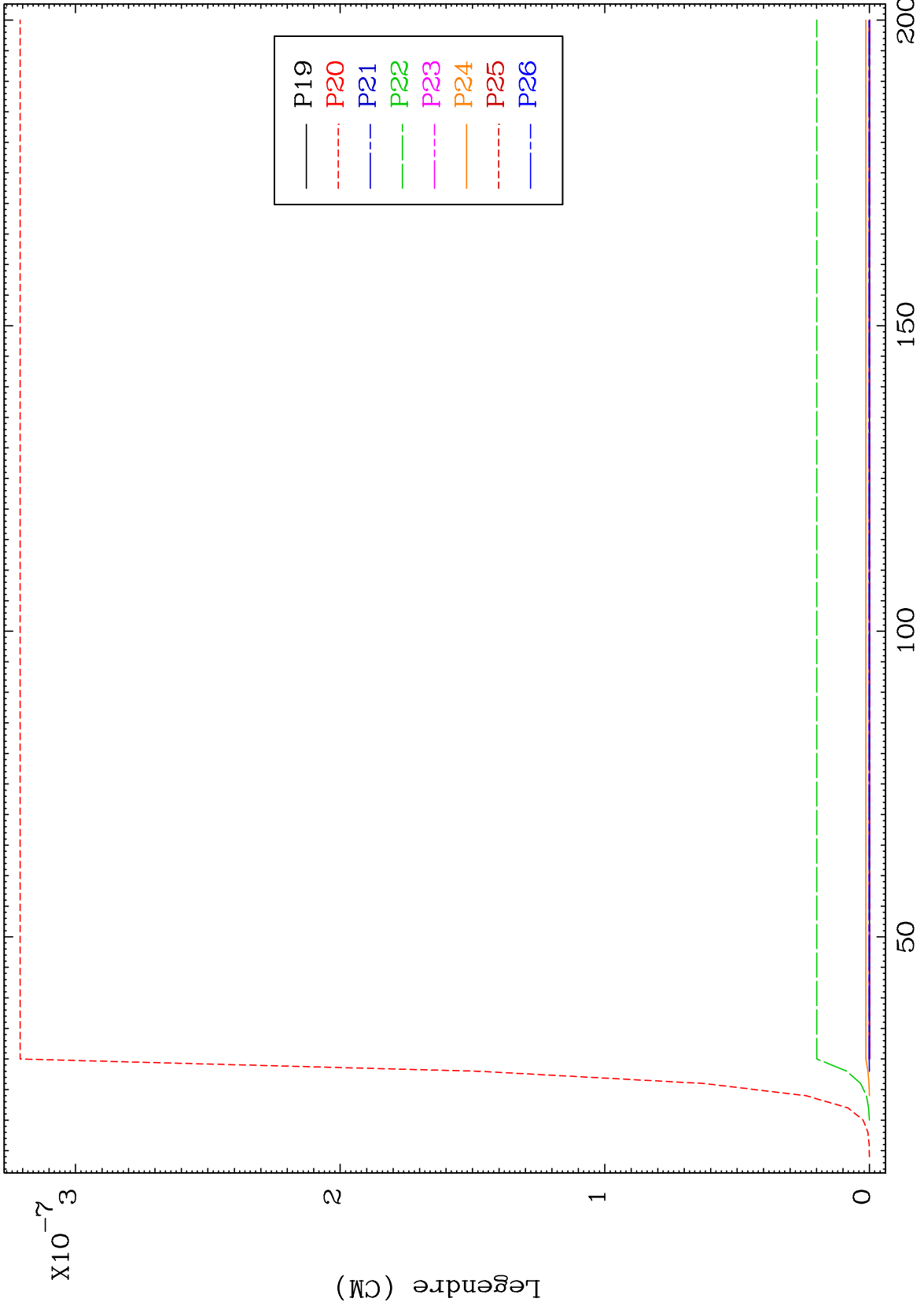


112

Incident Energy (MeV)

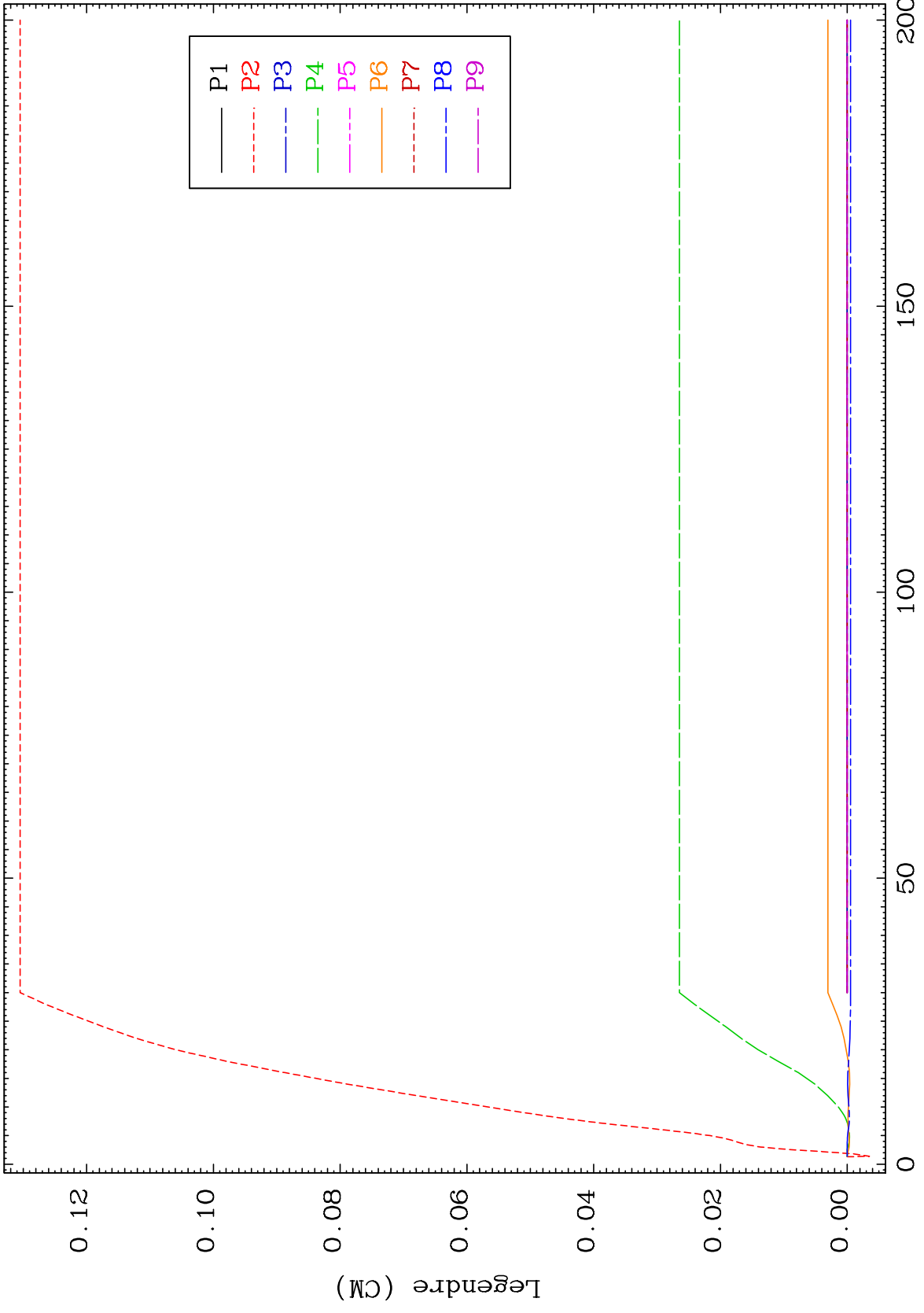
42-Mo-97

MAT 4240 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-97

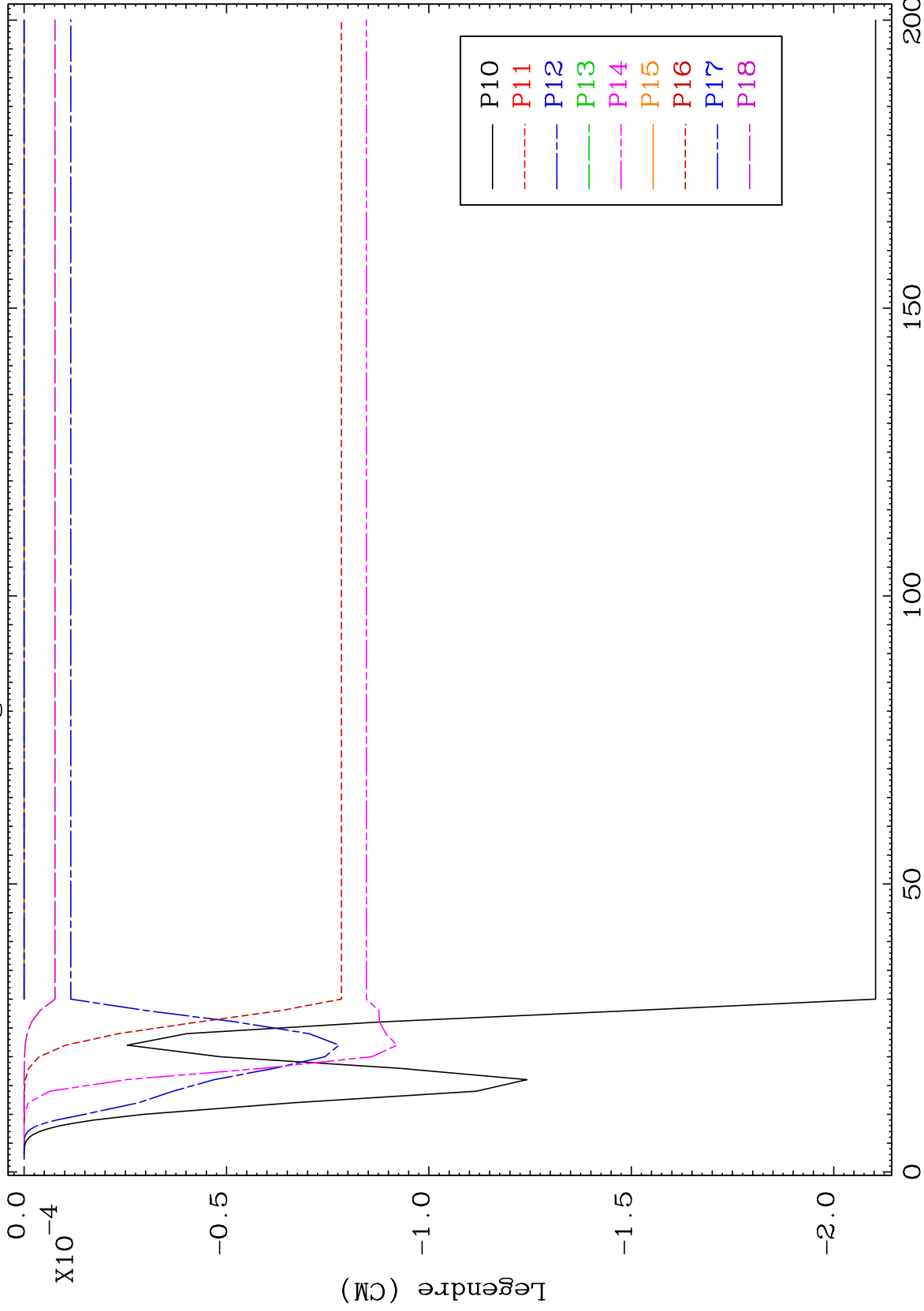


113 42-Mo-97

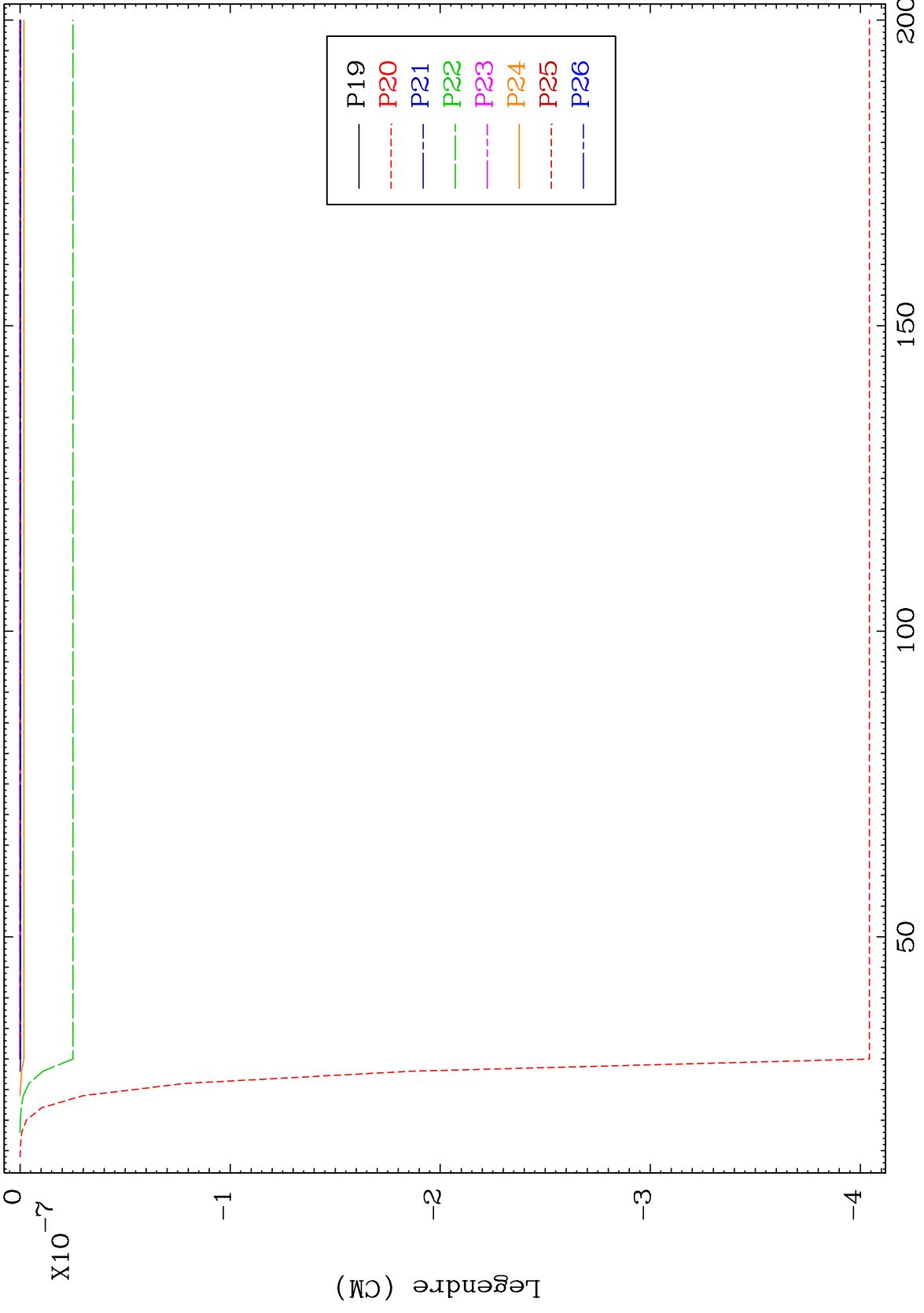
MAT 4240 MT= 80 (n,n') Level Legendre Coefficients 42-Mo-97



114 42-Mo-97



MAT 4240 MT= 80 (n,n') Level Legendre Coefficients 42-Mo-97



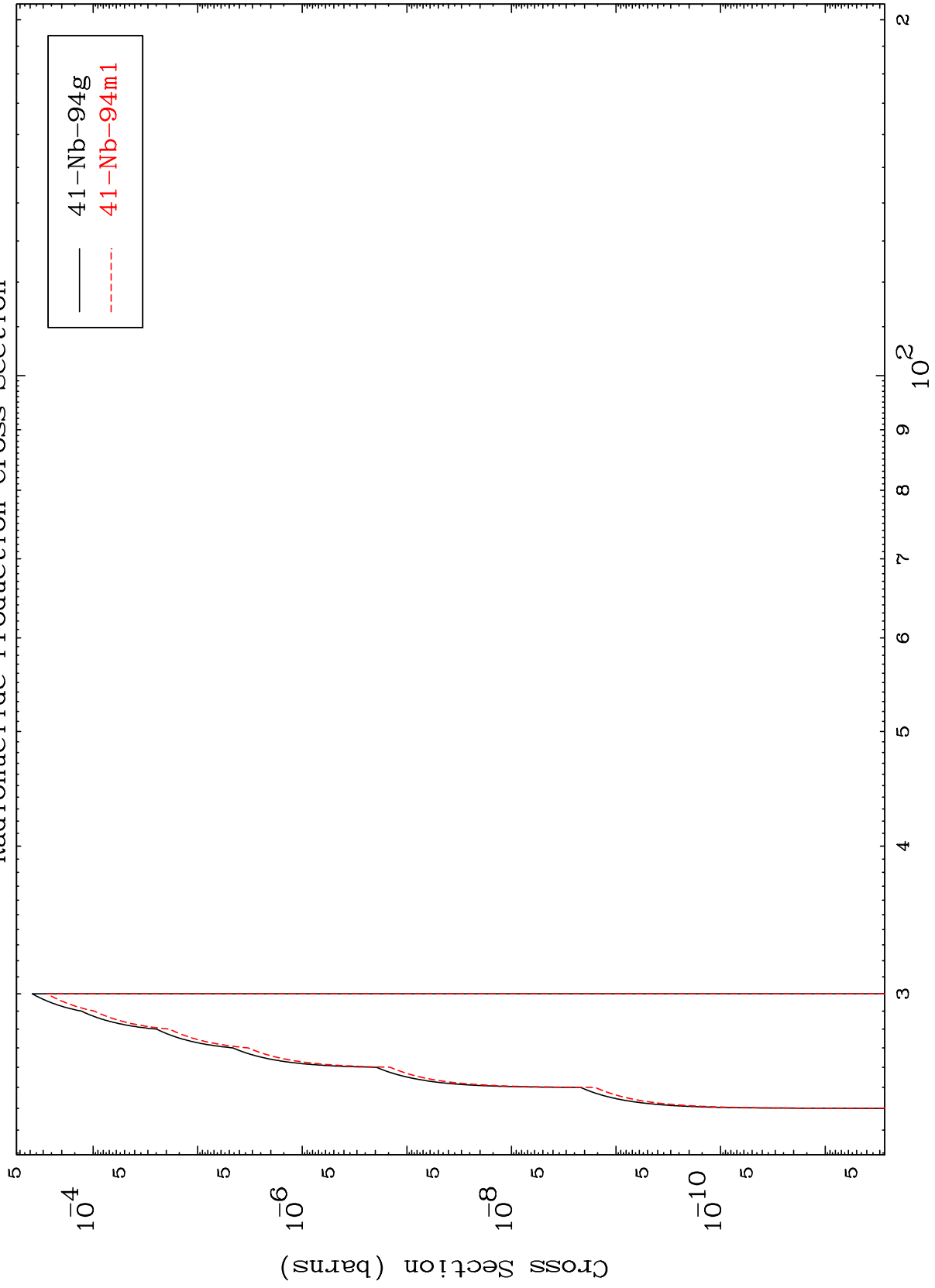
116 42-Mo-97

MAT 4240

(n,2n) d

42-Mo-97

Radionuclide Production Cross Section

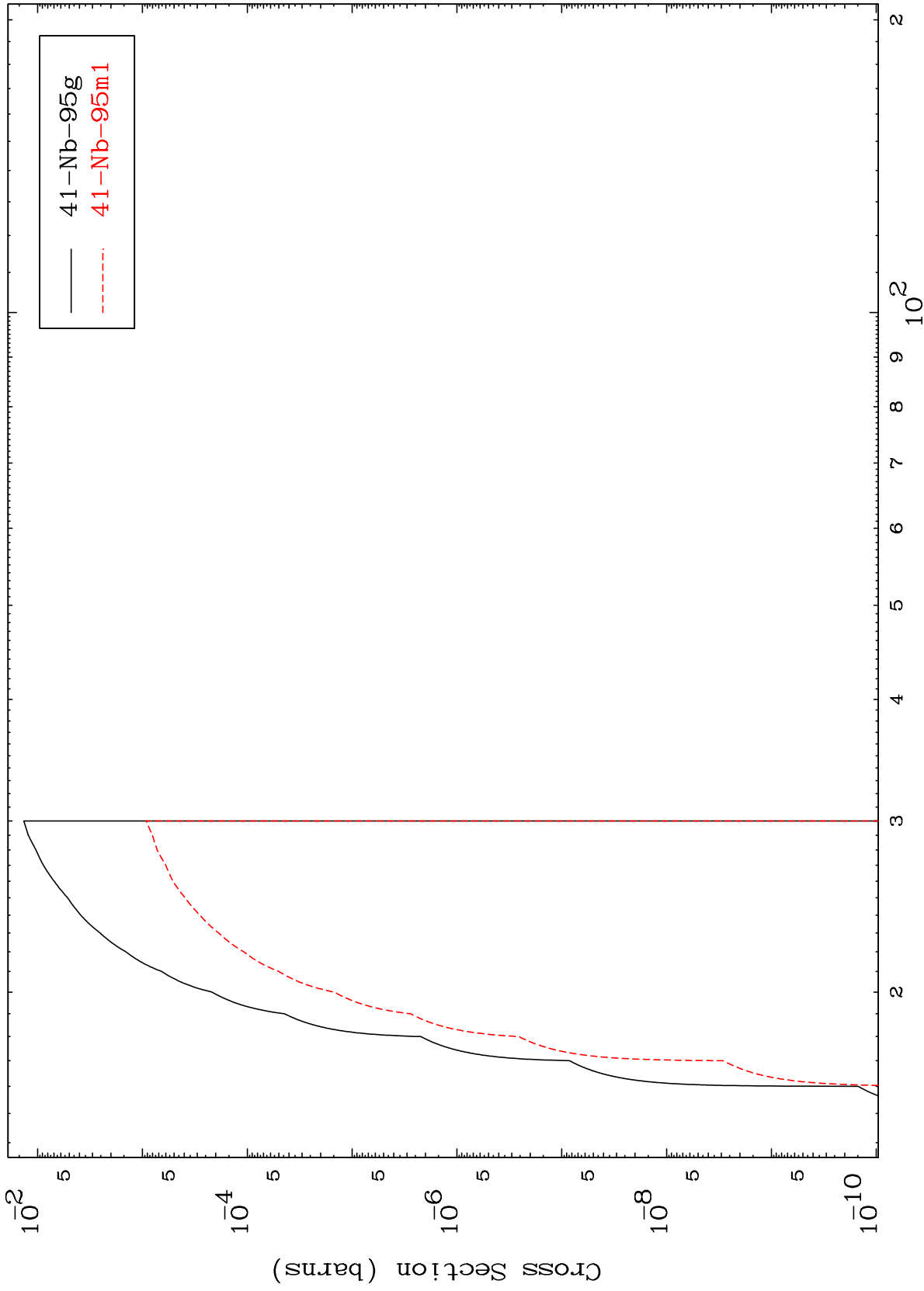


117

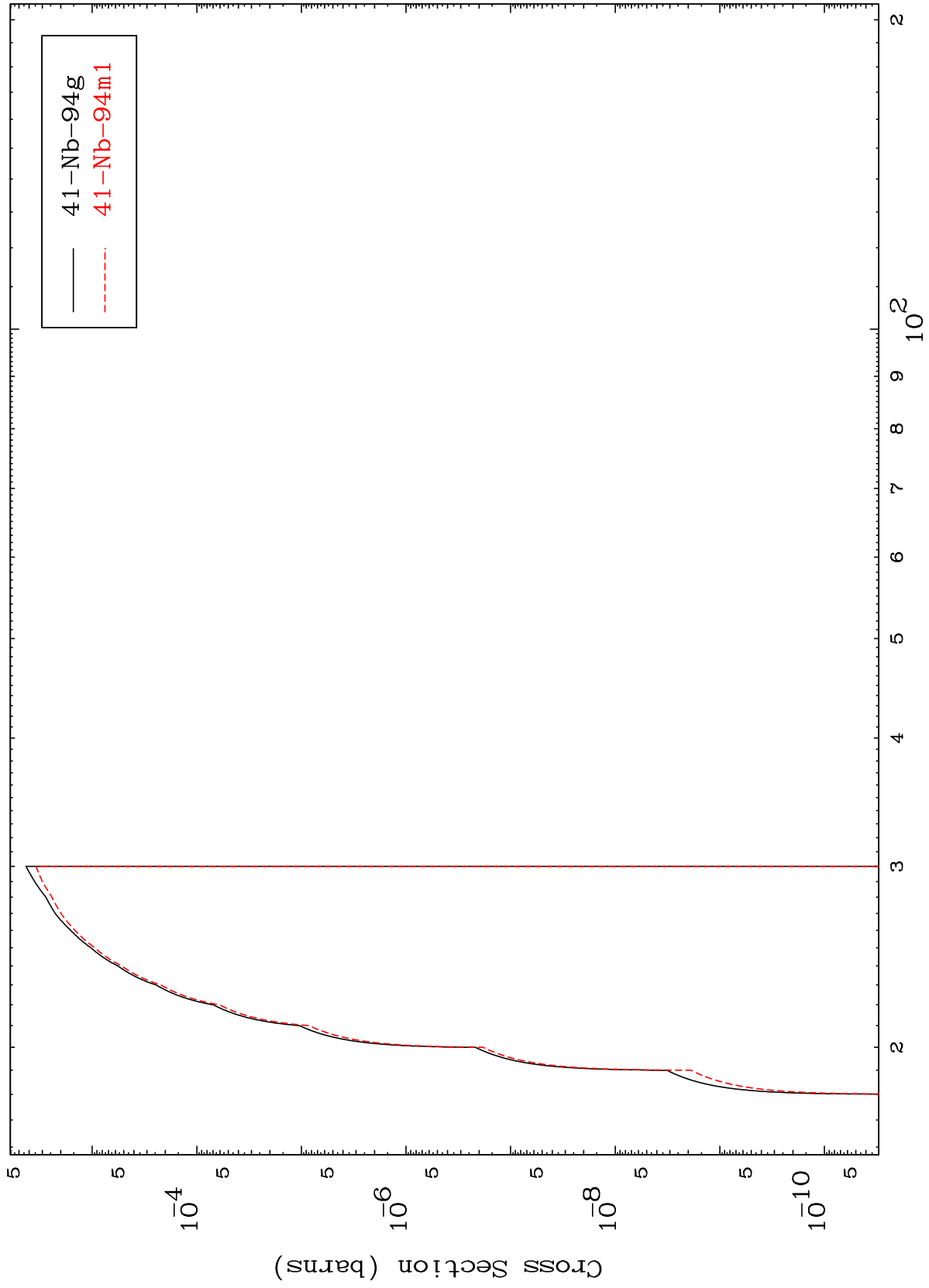
Incident Energy (MeV)

42-Mo-97

Radionuclide Production Cross Section



Radionuclide Production Cross Section

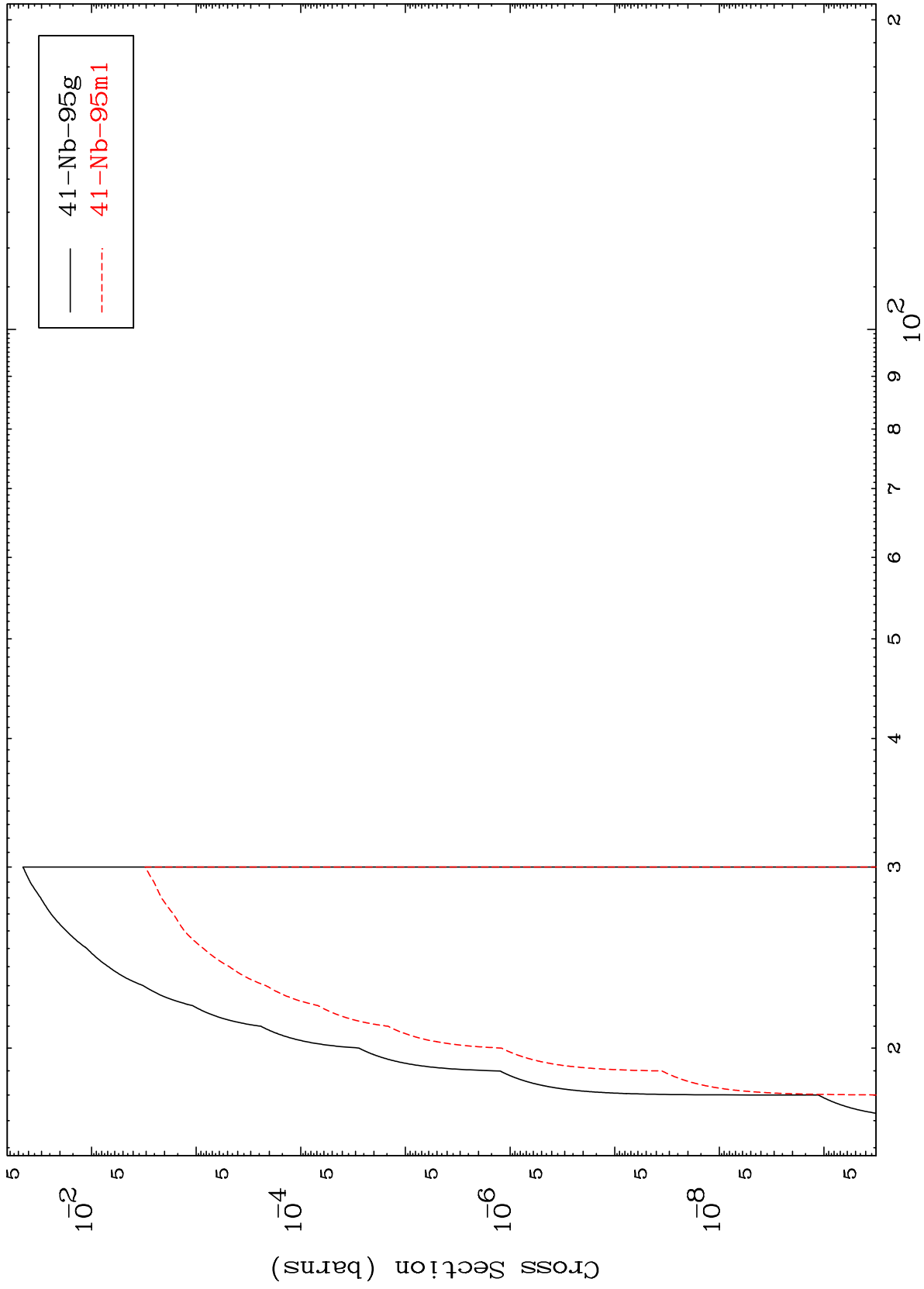


MAT 4240

(n,2n) p

42-Mo-97

Radionuclide Production Cross Section



120

Incident Energy (MeV)

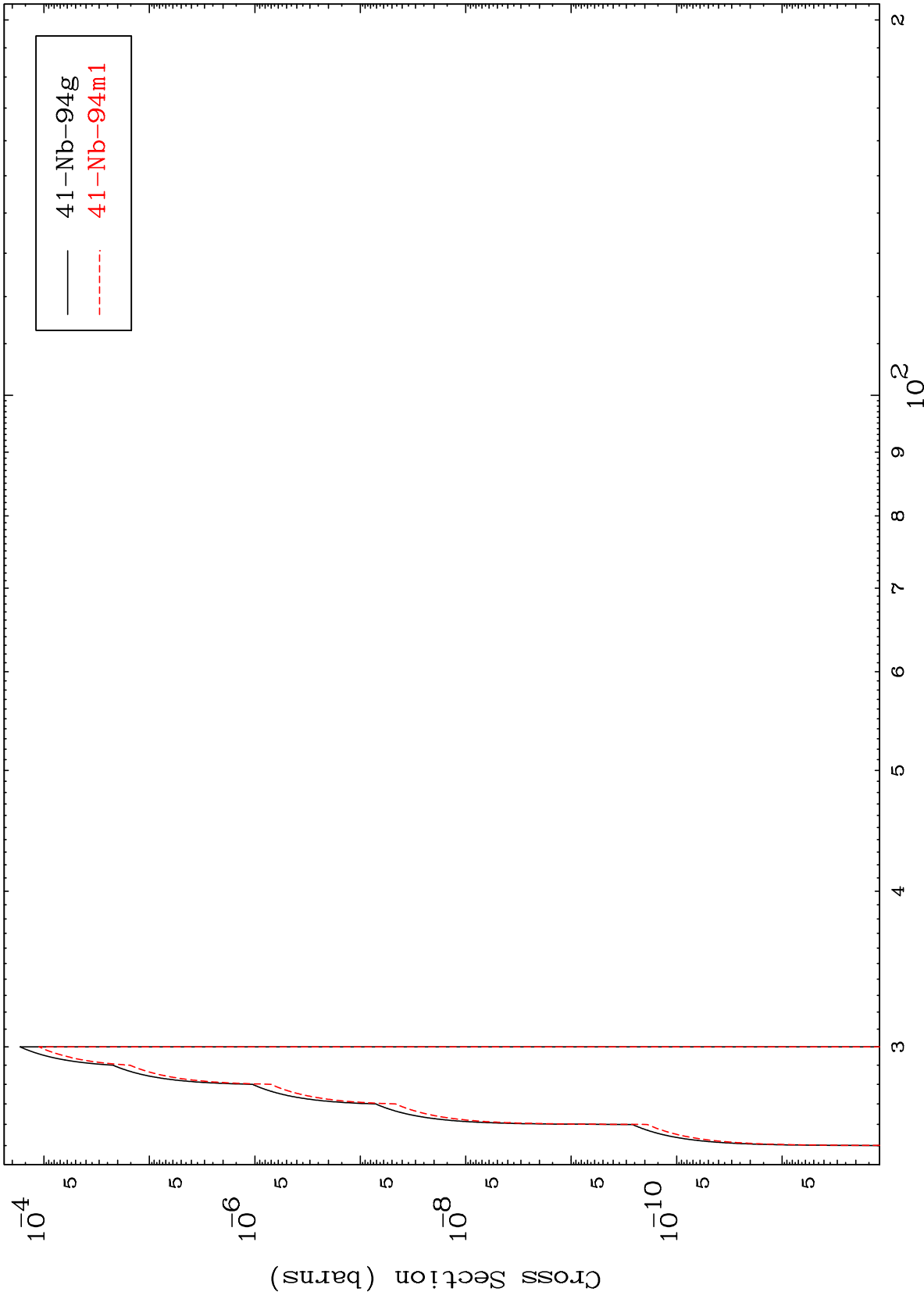
42-Mo-97

MAT 4240

(n,3n) p

42-Mo-97

Radionuclide Production Cross Section



121

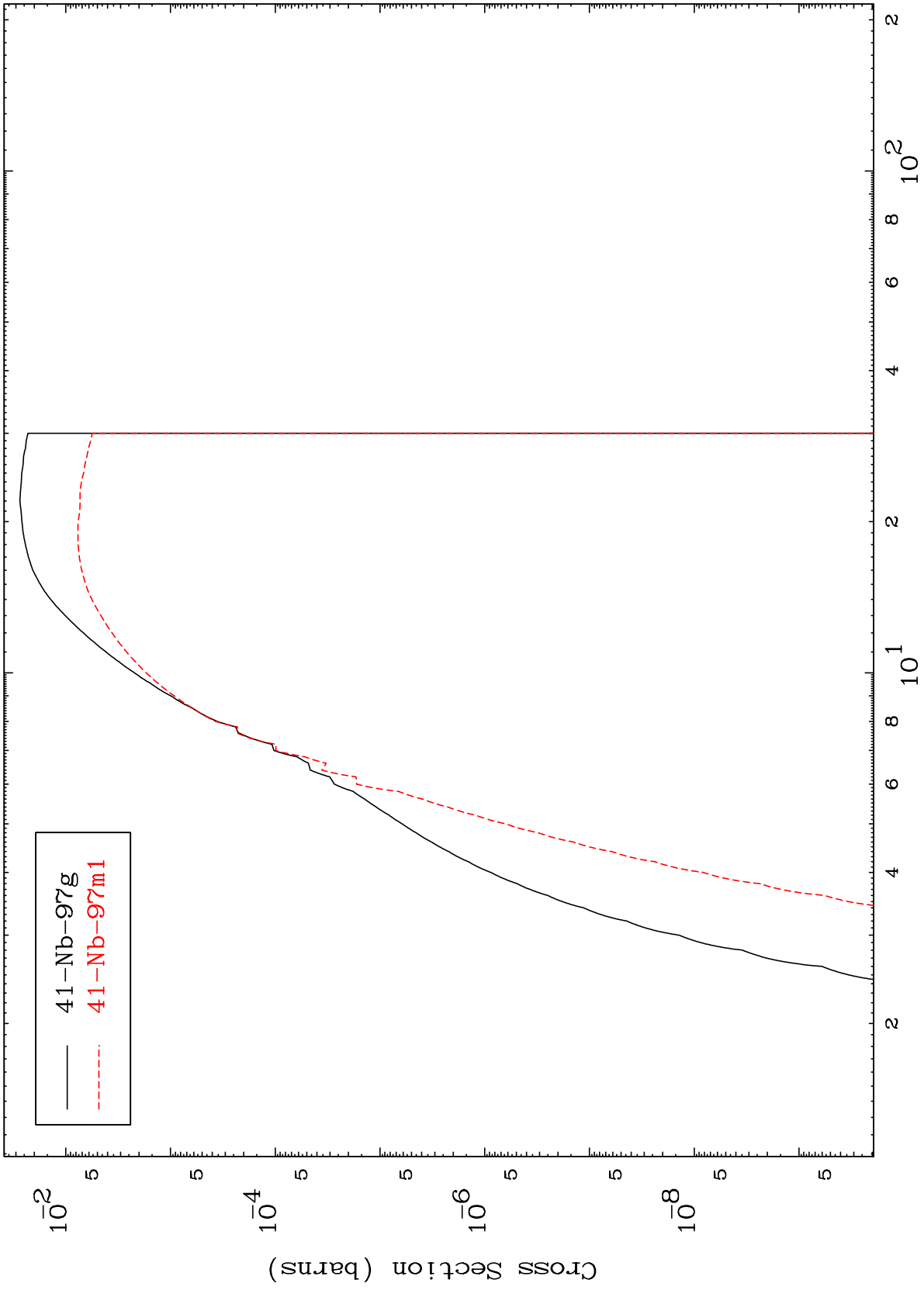
Incident Energy (MeV)

42-Mo-97

MAT 4240

42-Mo-97

Radionuclide Production Cross Section (n,p)



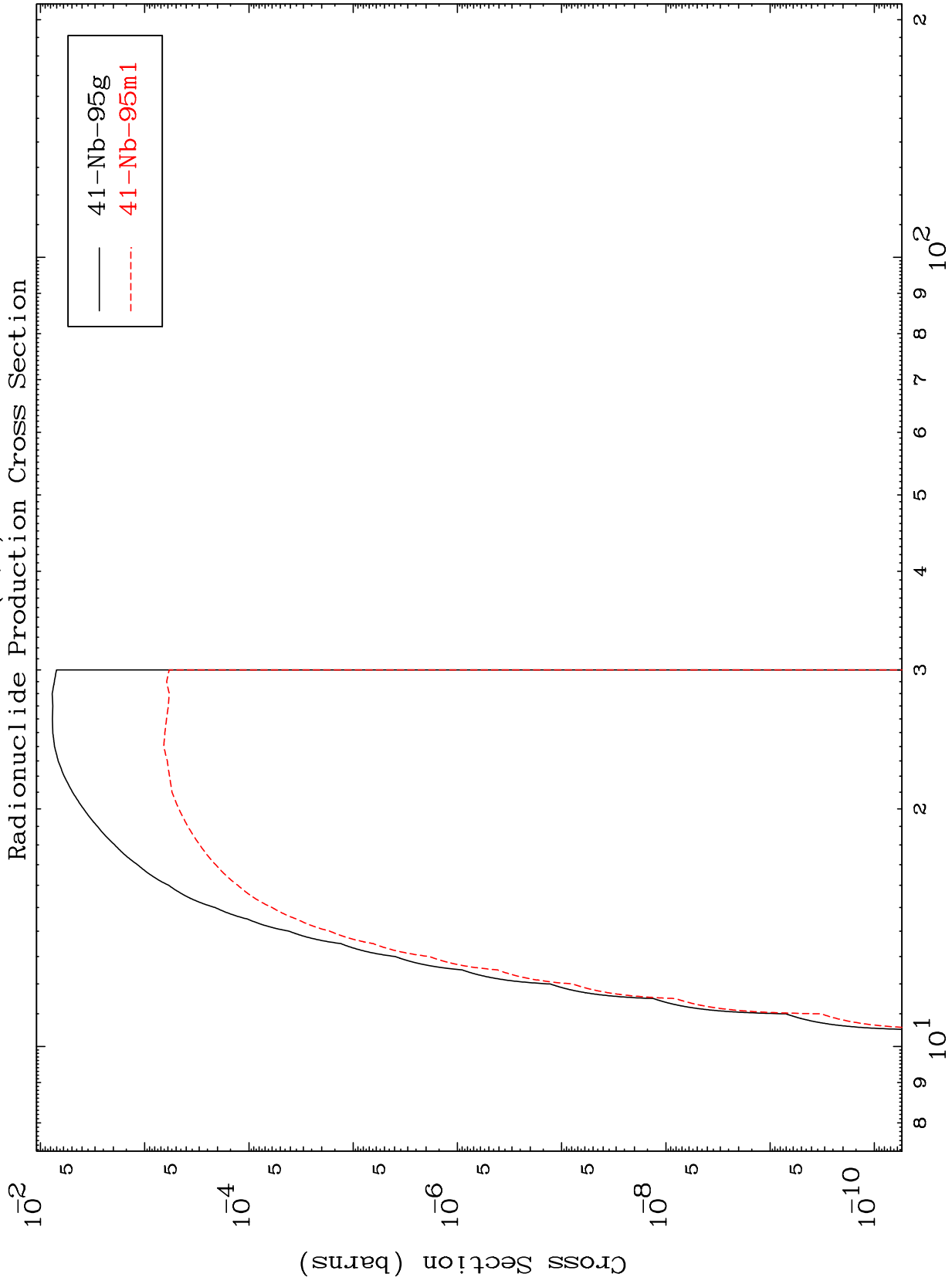
122

42-Mo-97

MAT 4240

(n, t)

42-Mo-97



123

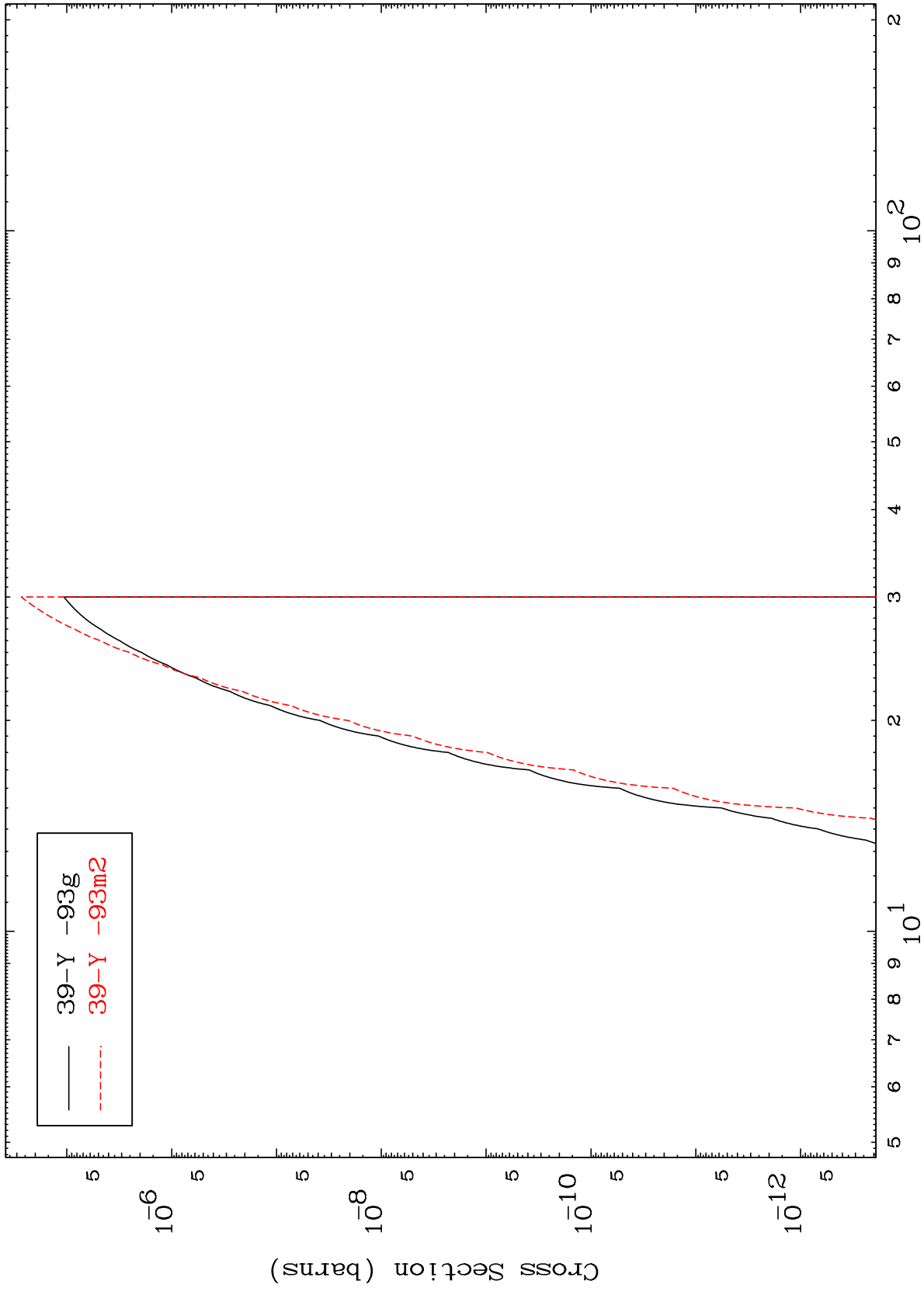
42-Mo-97

MAT 4240

(n,p) α

42-Mo-97

Radionuclide Production Cross Section



124

Incident Energy (MeV)

42-Mo-97