

Program EVALPLOT
(Version 2018-1)

by

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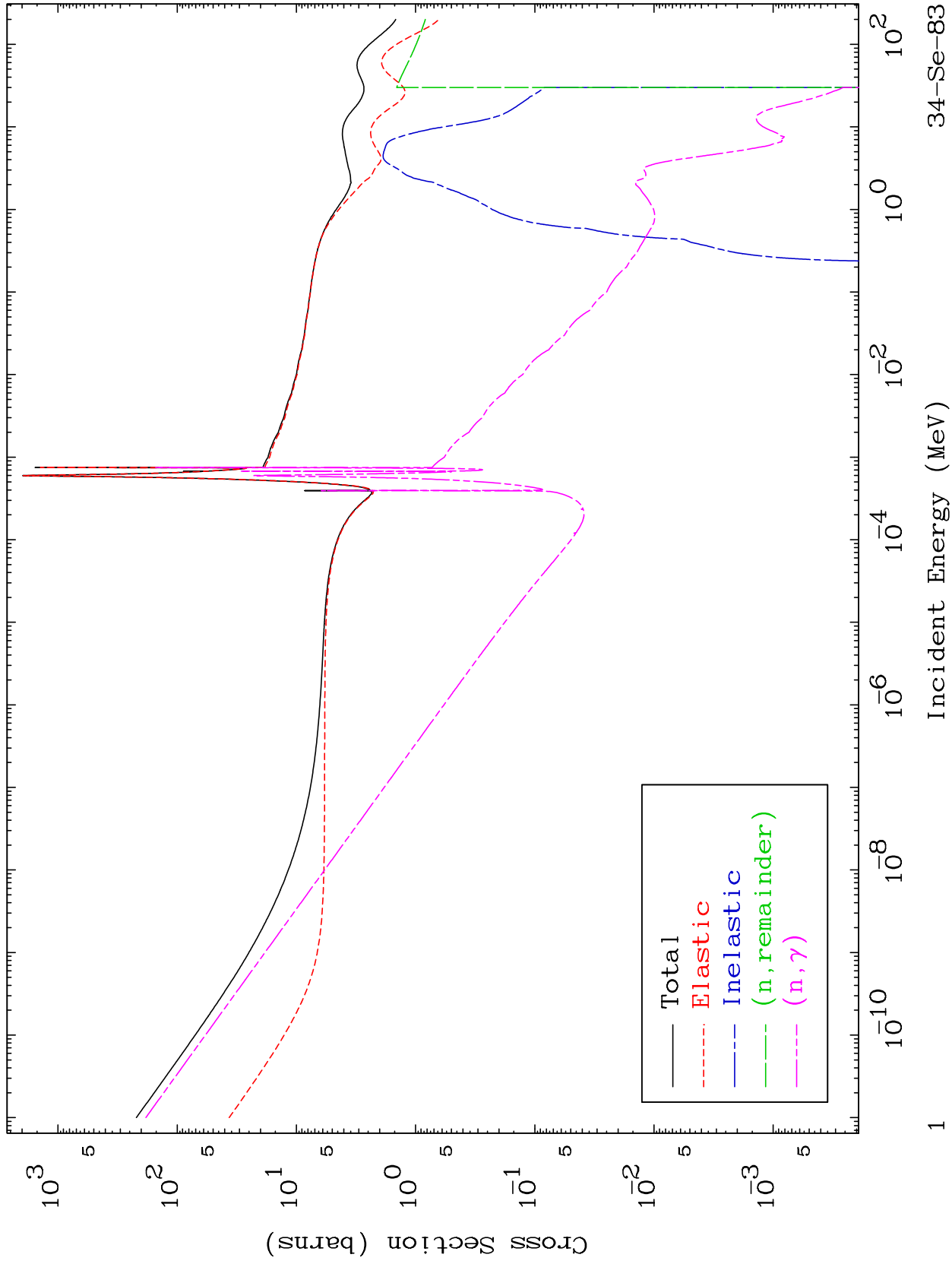
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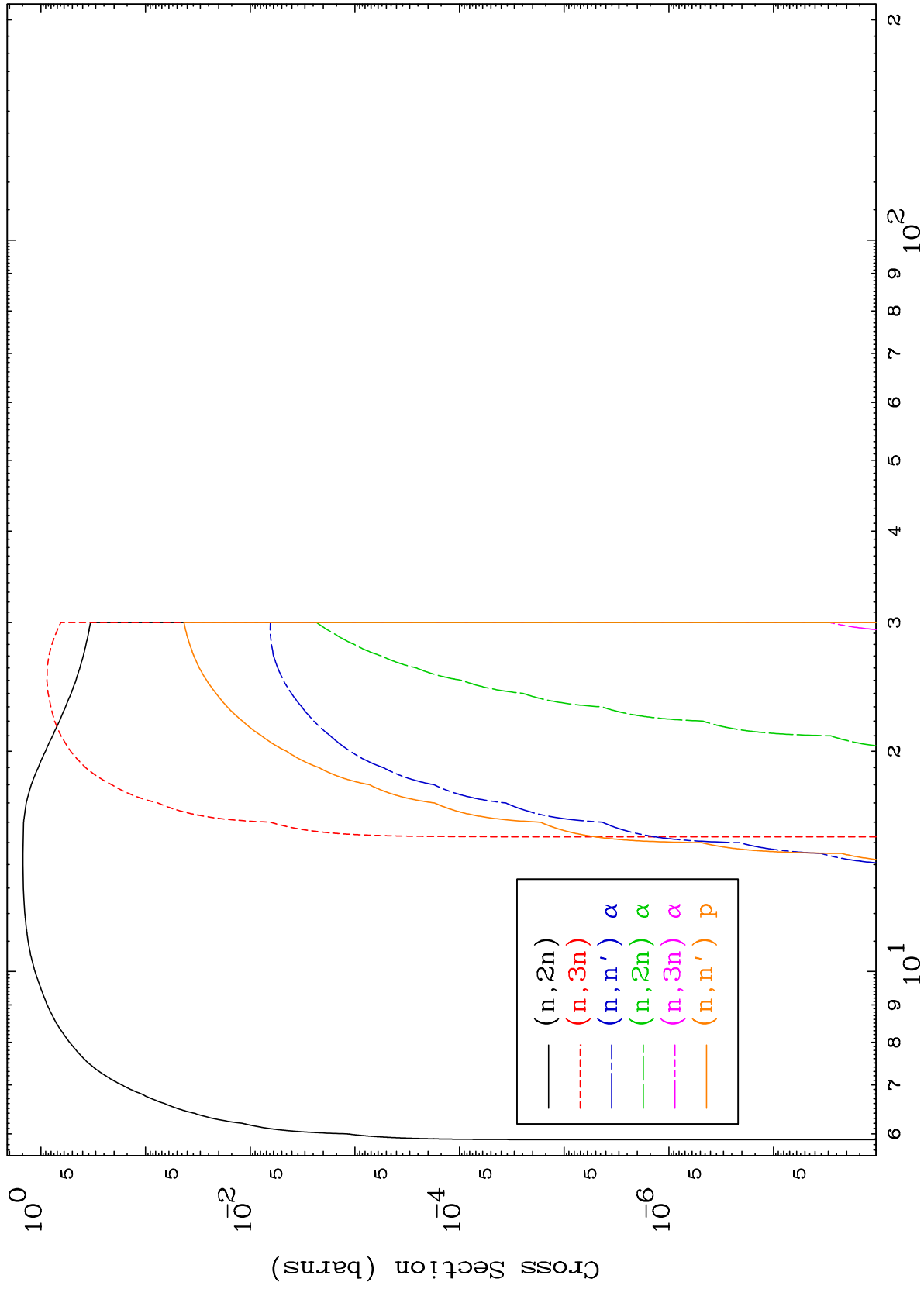
MAT 3452

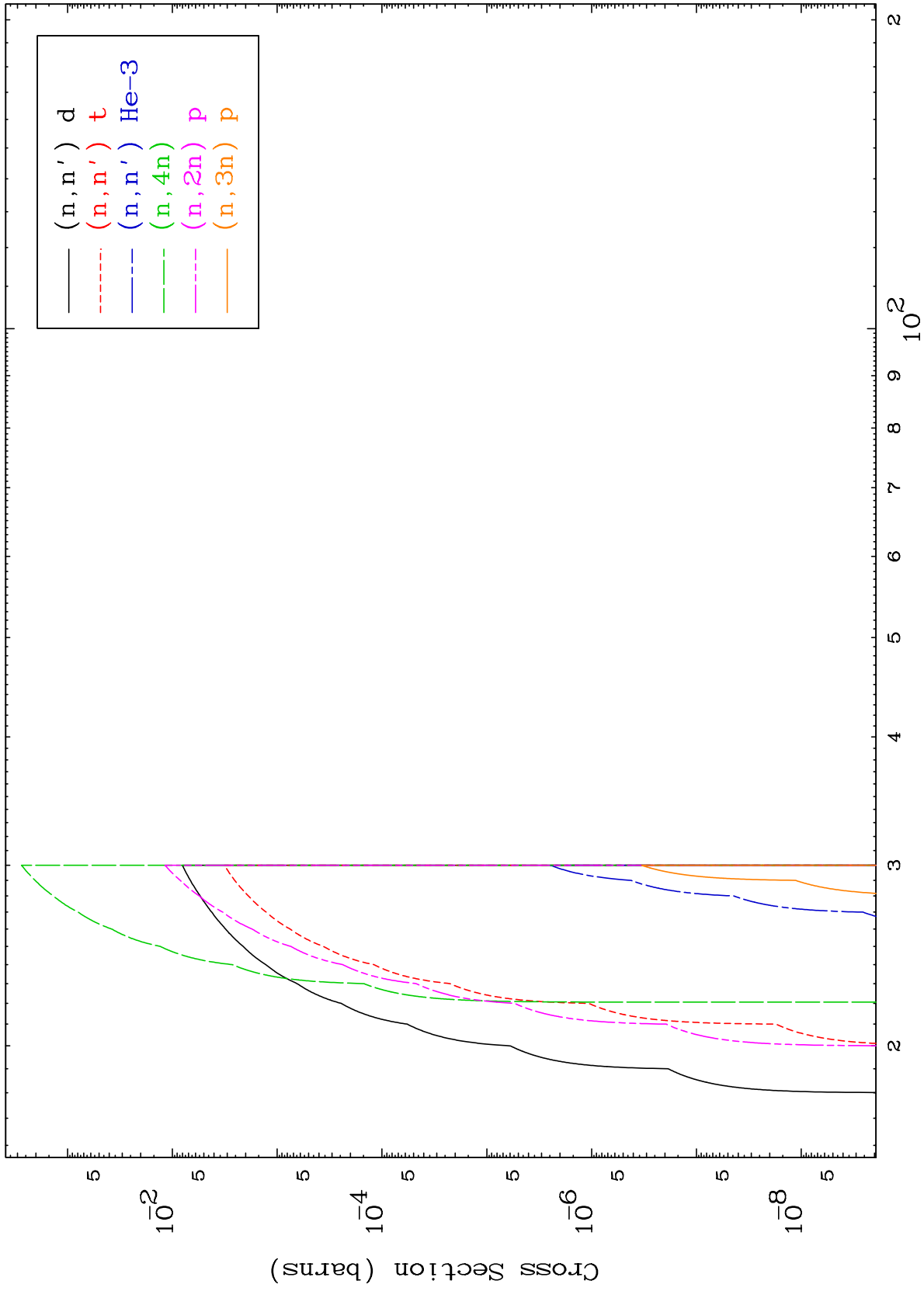
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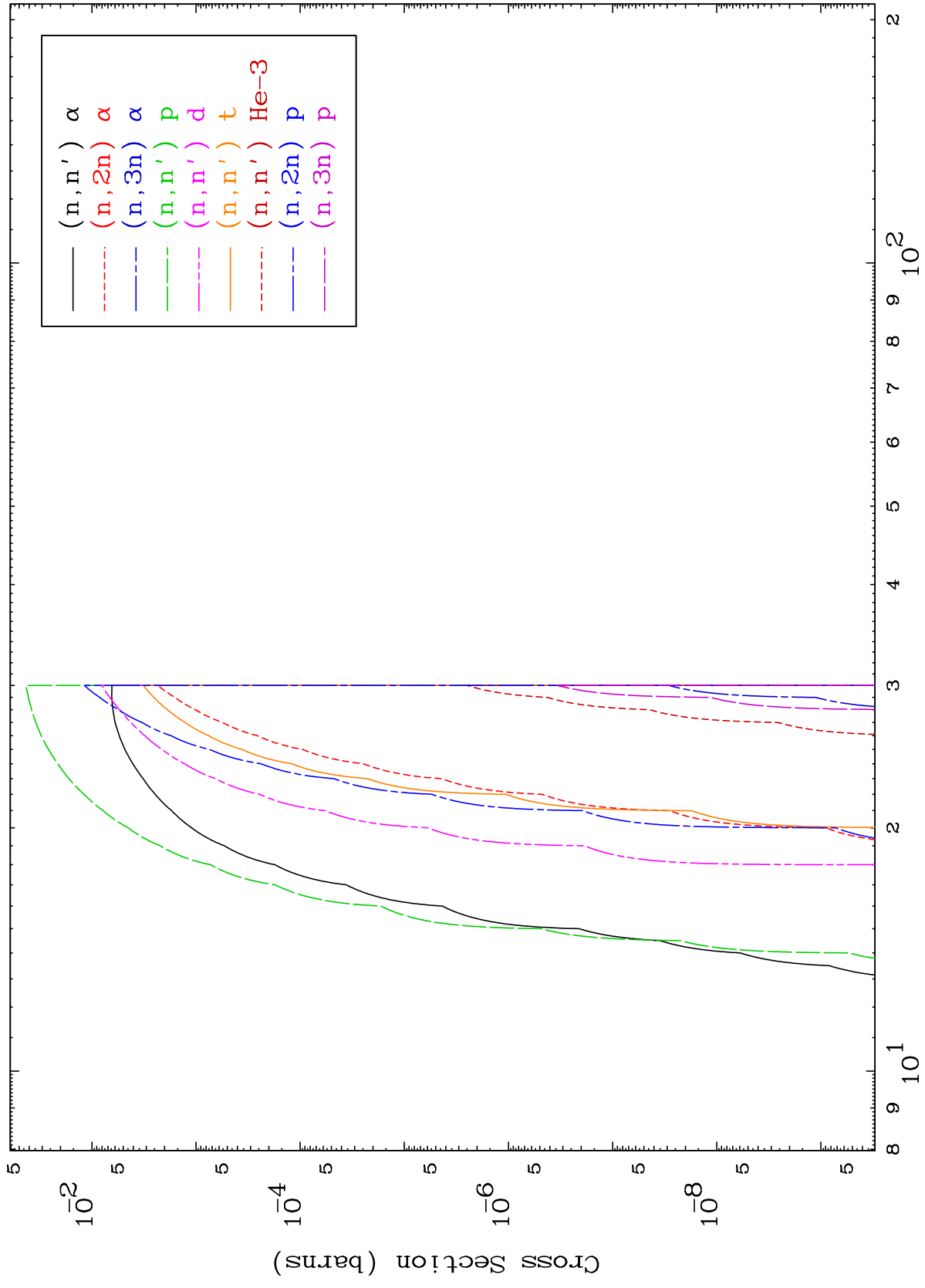
293 Kelvin Cross Sections

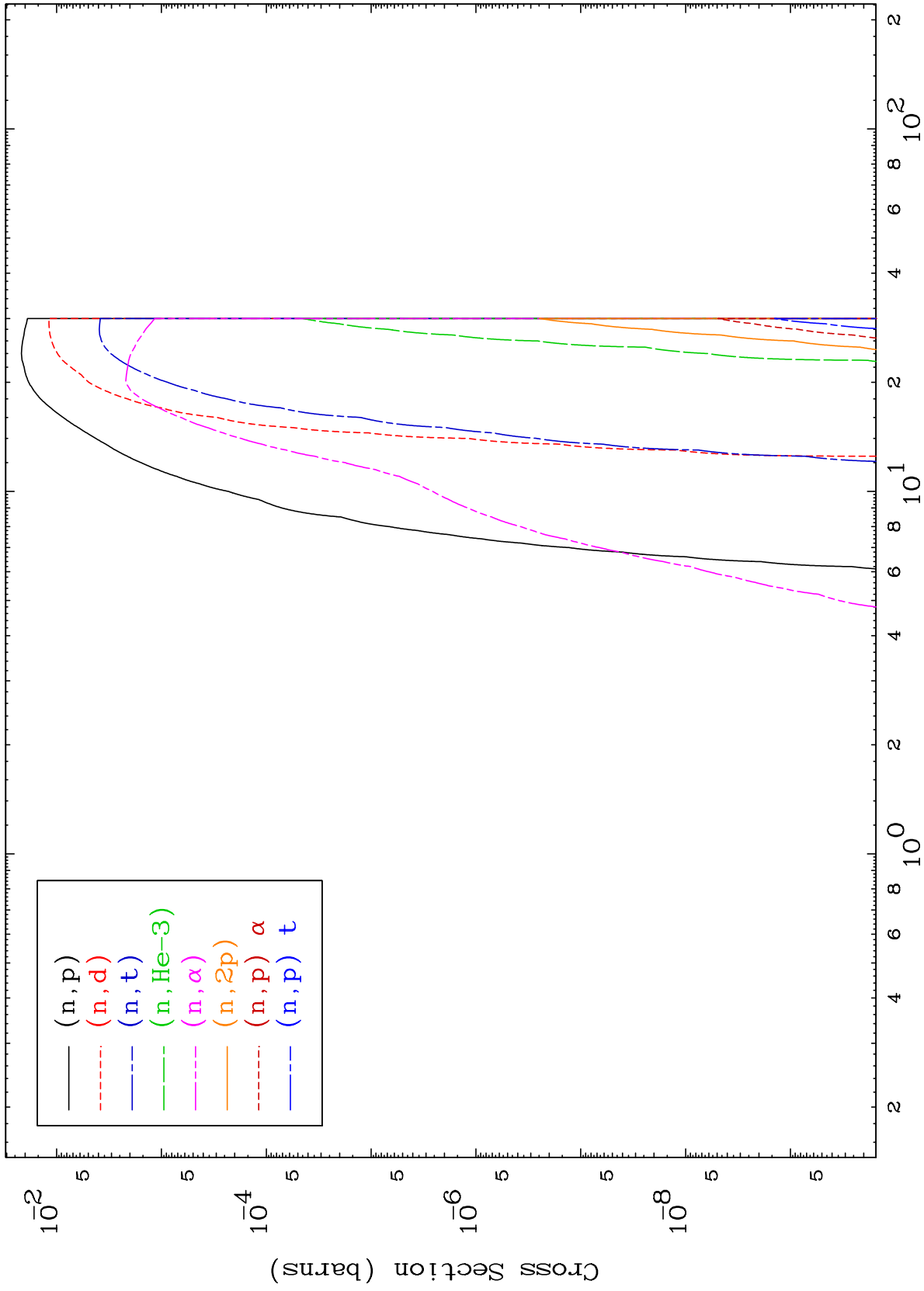
34-Se-83







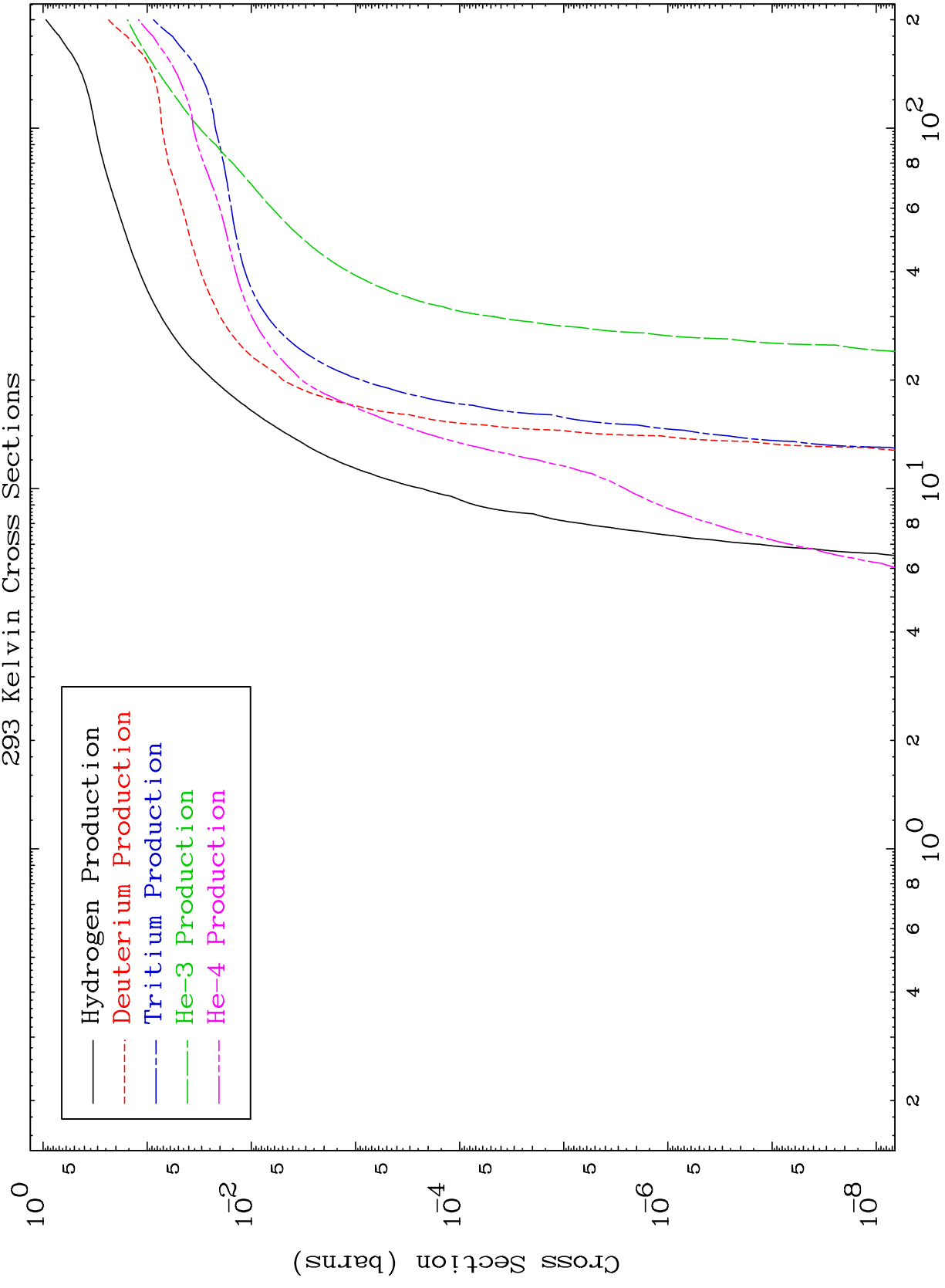




MAT 3452

Particle Production
293 Kelvin Cross Sections

34-Se-83

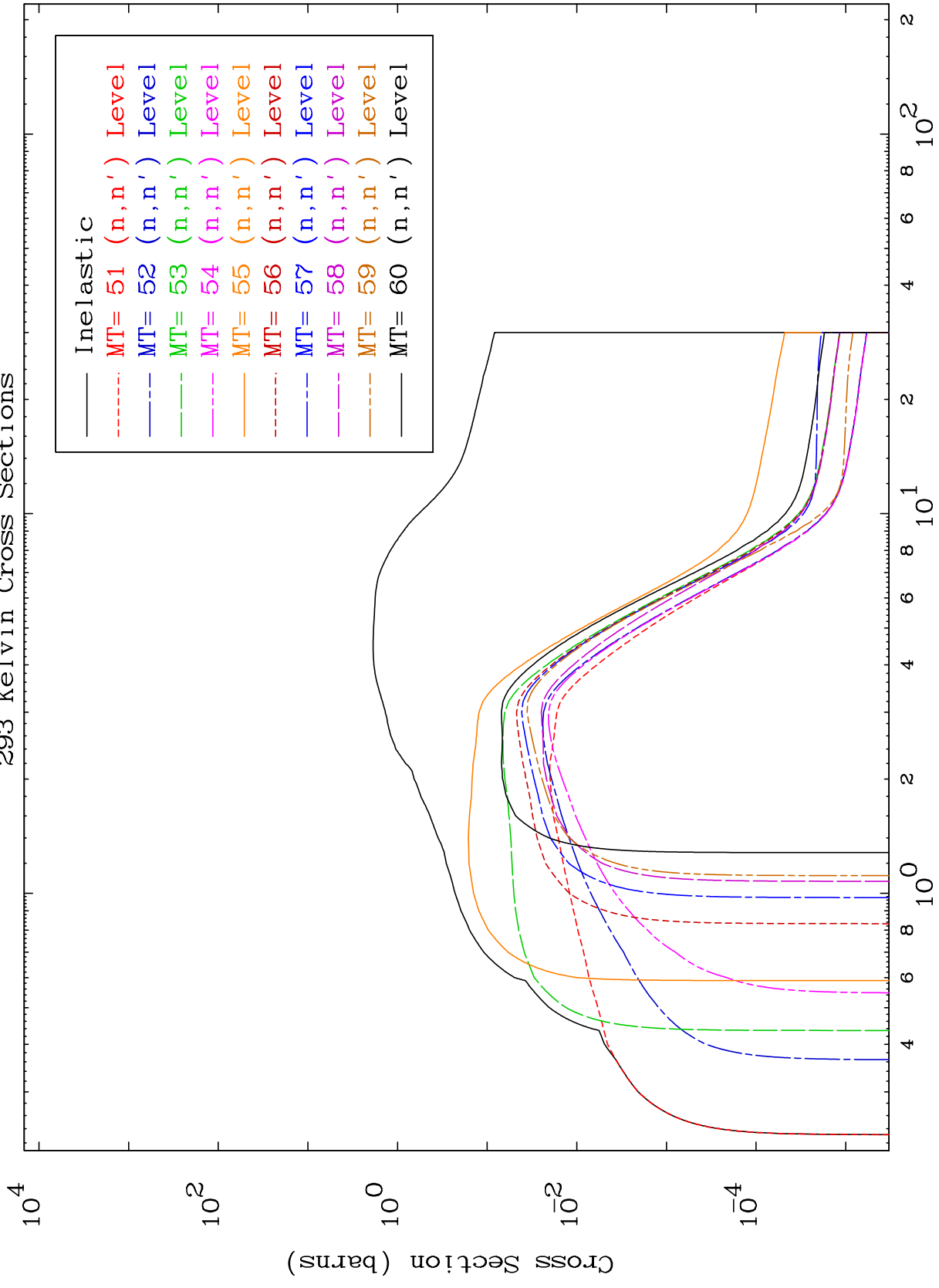


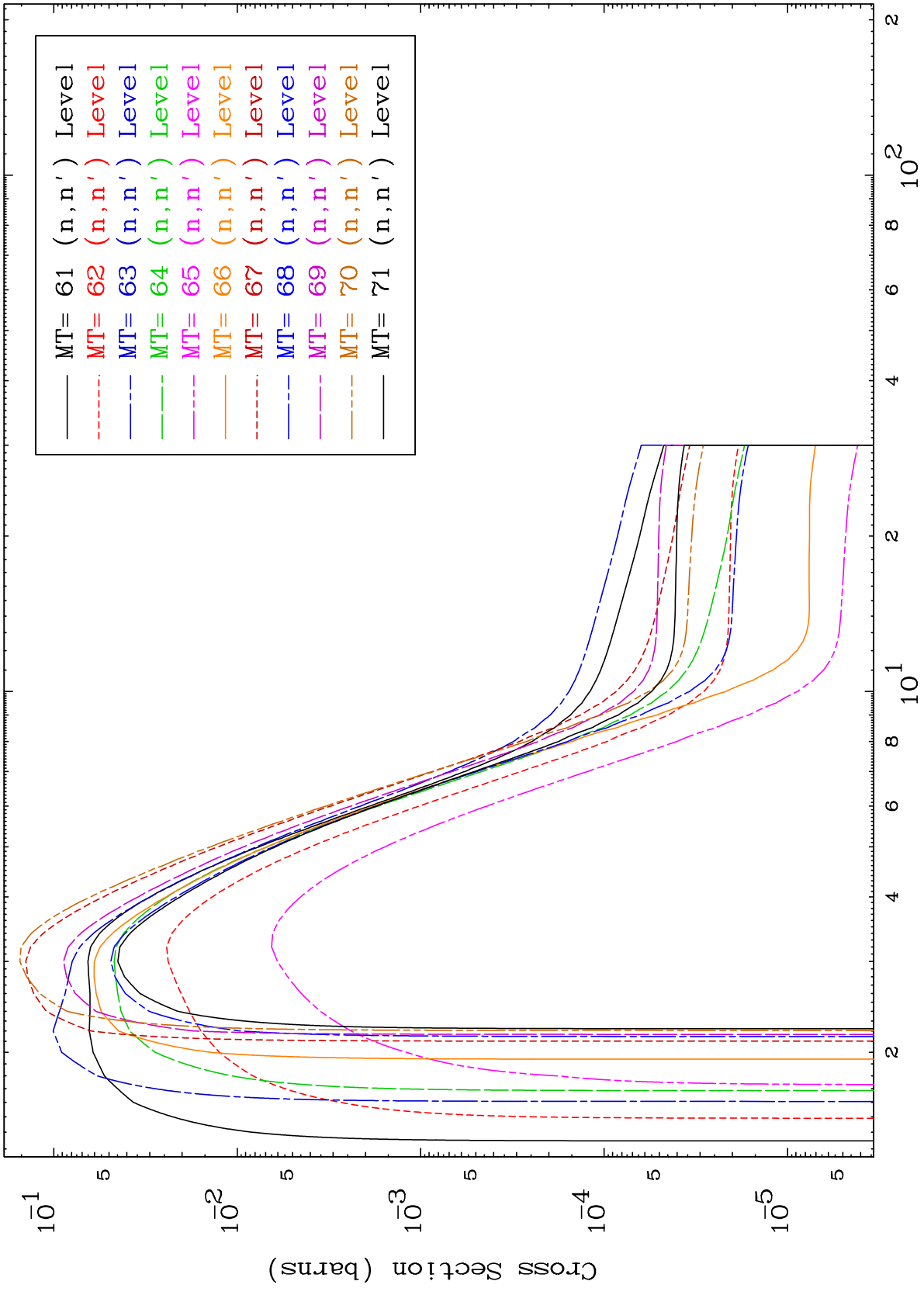
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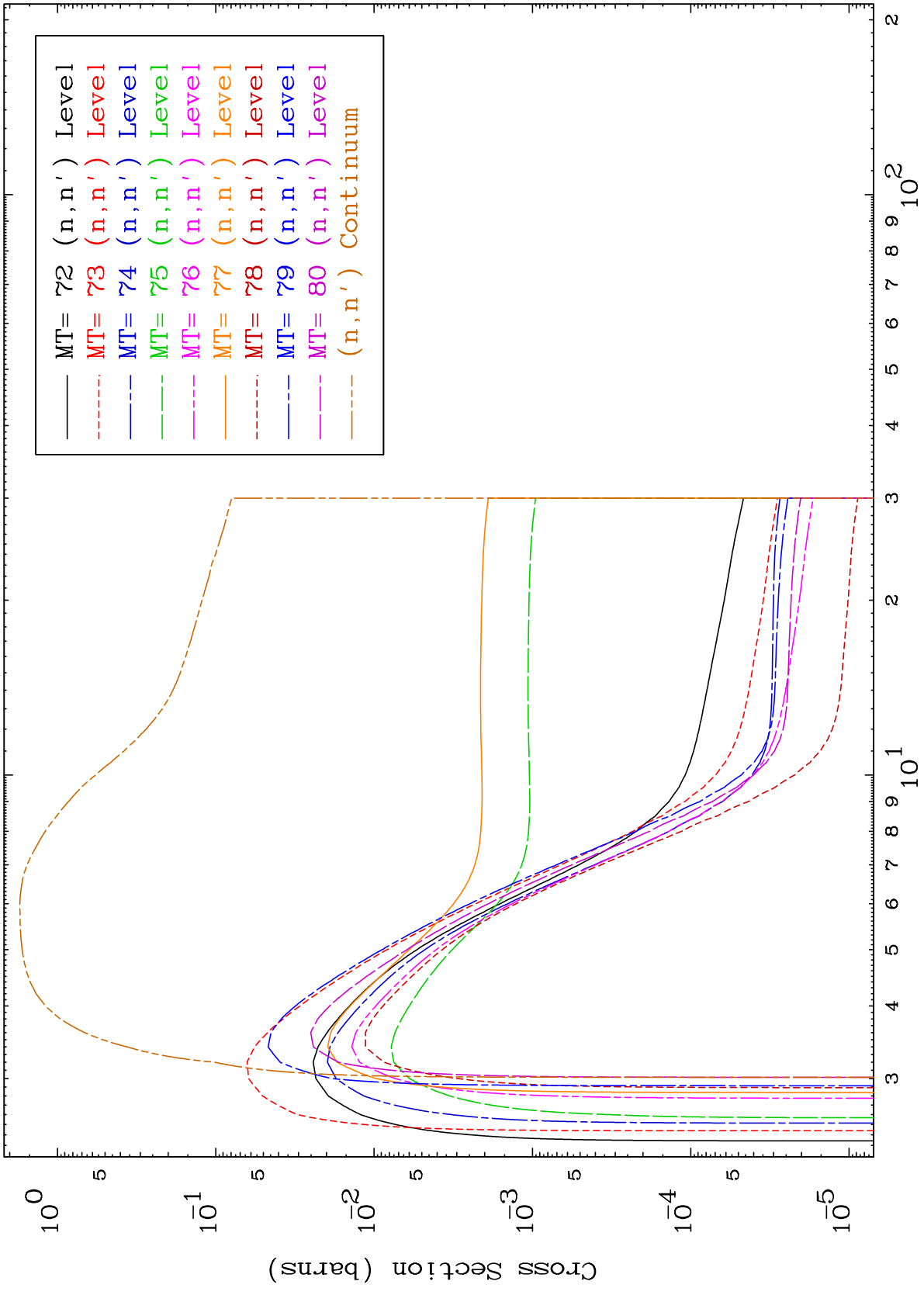
Incident Energy (MeV)

34-Se-83

293 Kelvin Cross Sections



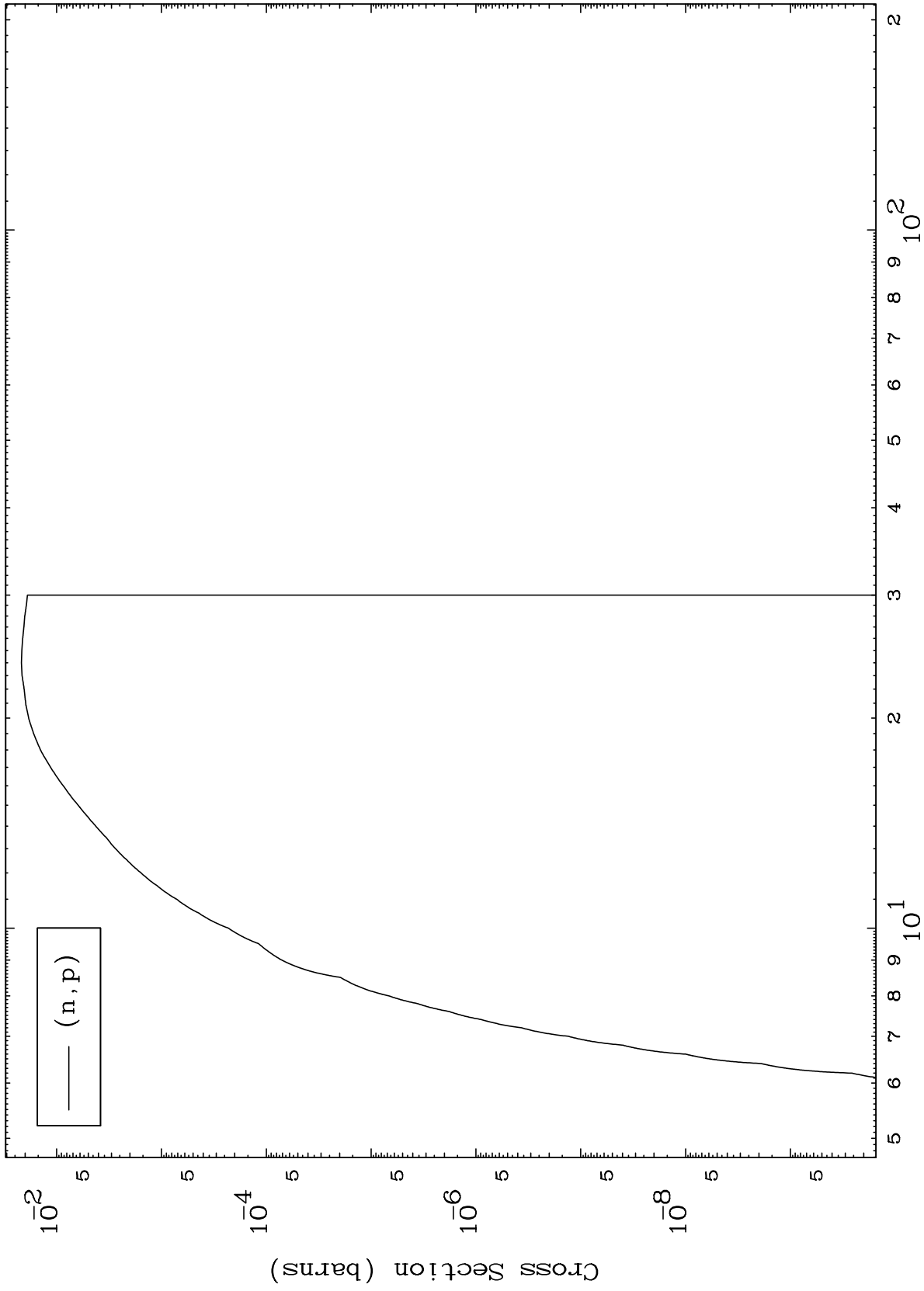




MAT 3452

34-Se-83

(n,p) Levels
293 Kelvin Cross Sections



10

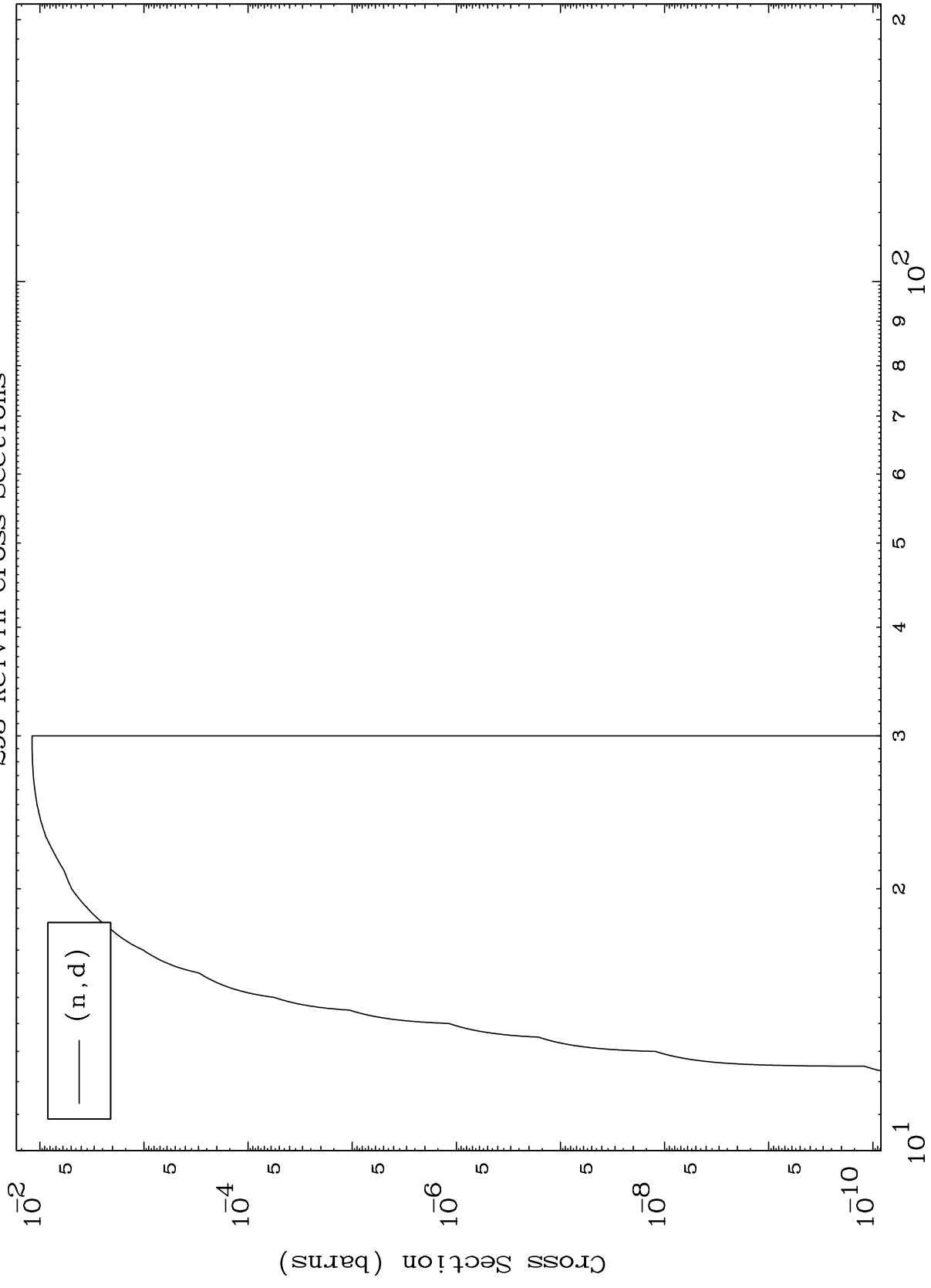
Incident Energy (MeV)

34-Se-83

MAT 3452

(n,d) Levels
293 Kelvin Cross Sections

34-Se-83



11

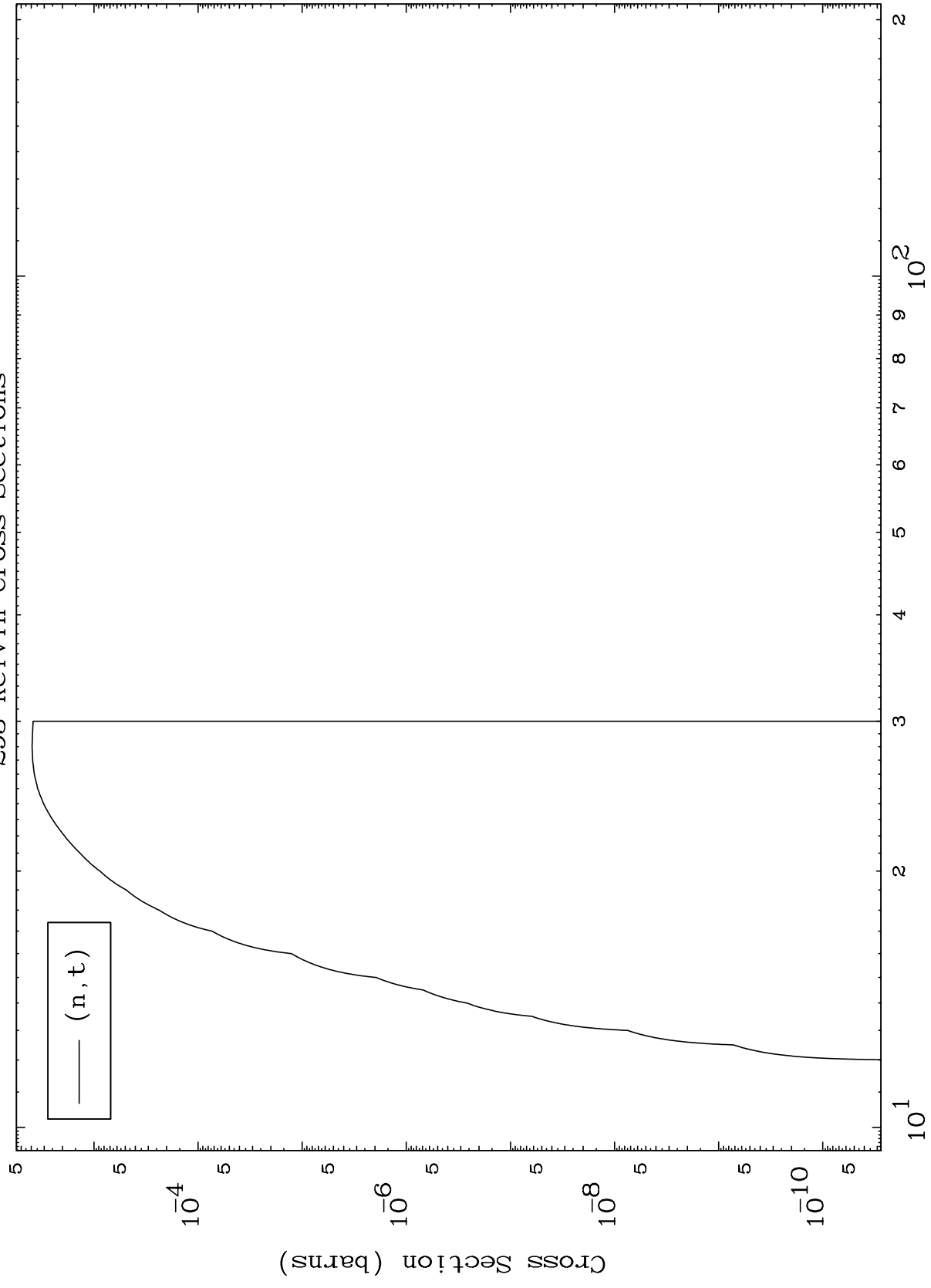
Incident Energy (MeV)

34-Se-83

MAT 3452

(n,t) Levels
293 Kelvin Cross Sections

34-Se-83



12

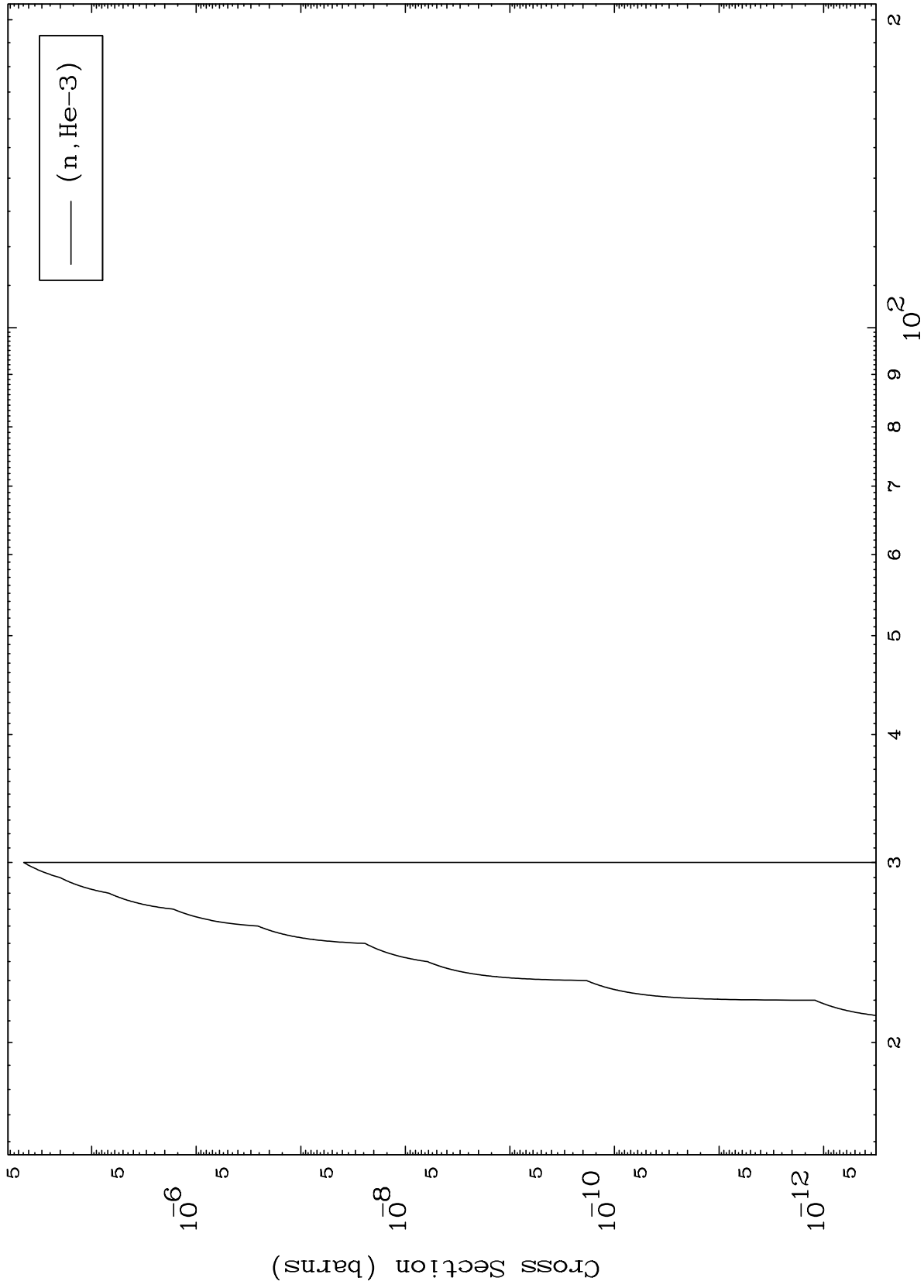
Incident Energy (MeV)

34-Se-83

MAT 3452

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-83



13

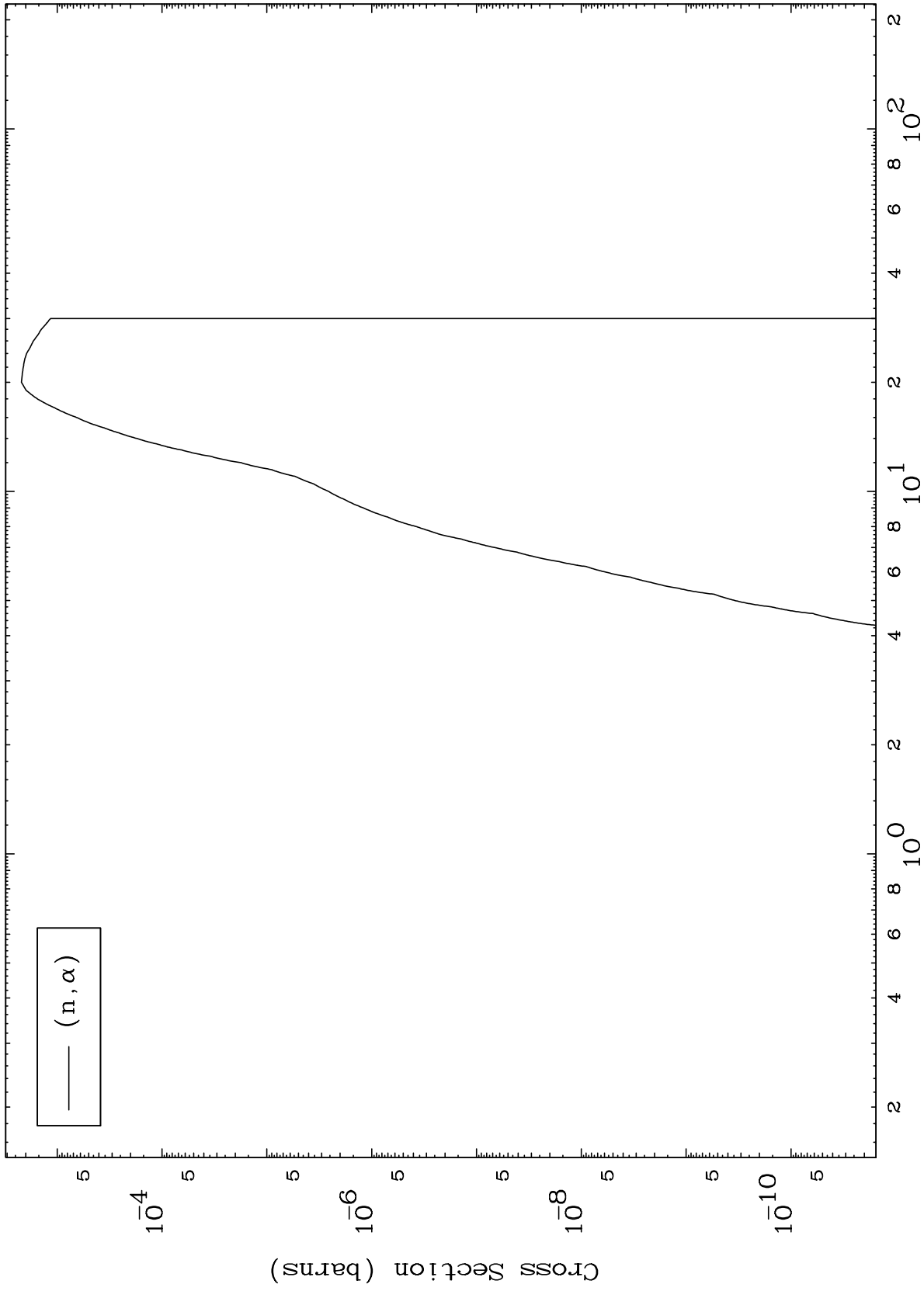
Incident Energy (MeV)

34-Se-83

MAT 3452

(n,α) Levels
293 Kelvin Cross Sections

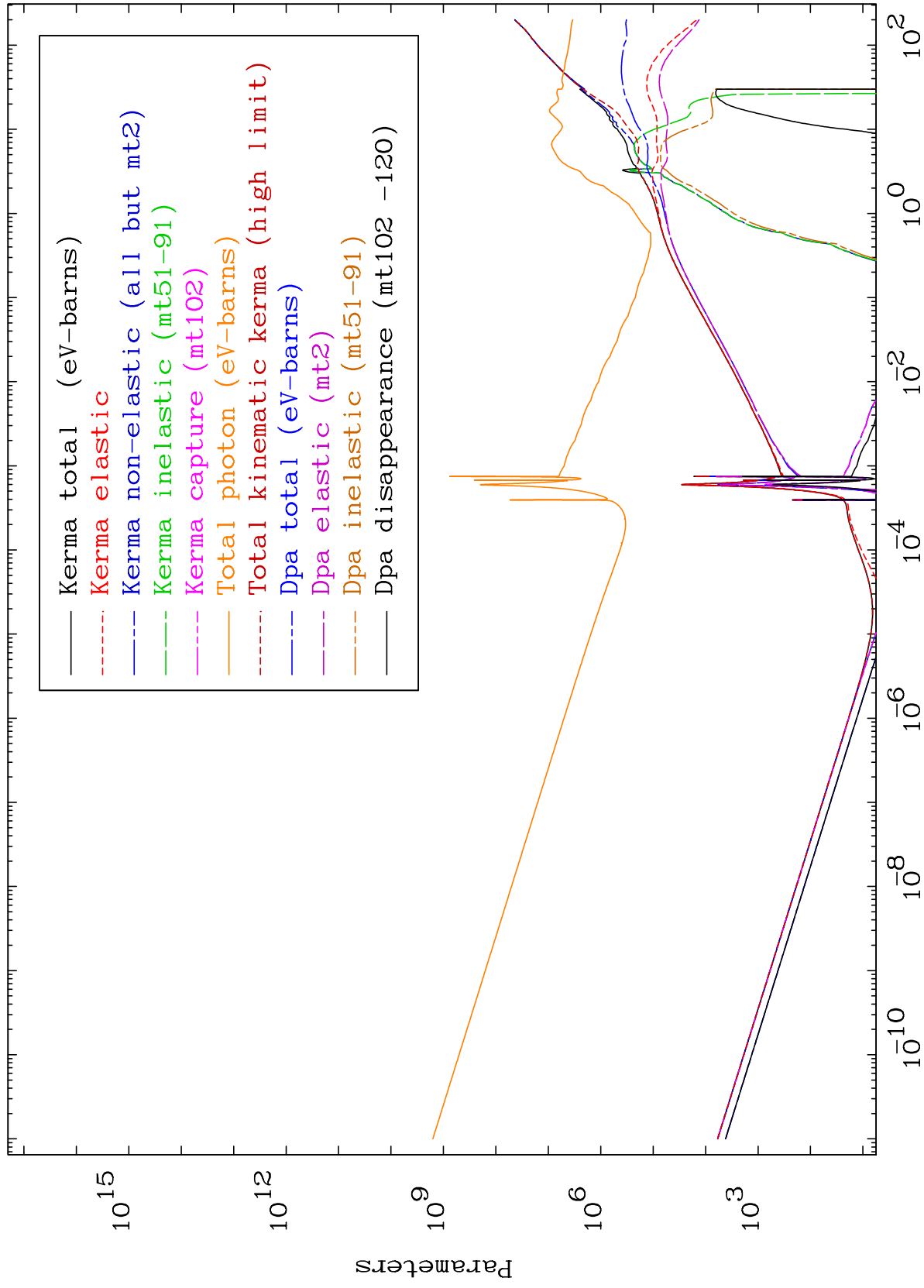
34-Se-83



14

Incident Energy (MeV)

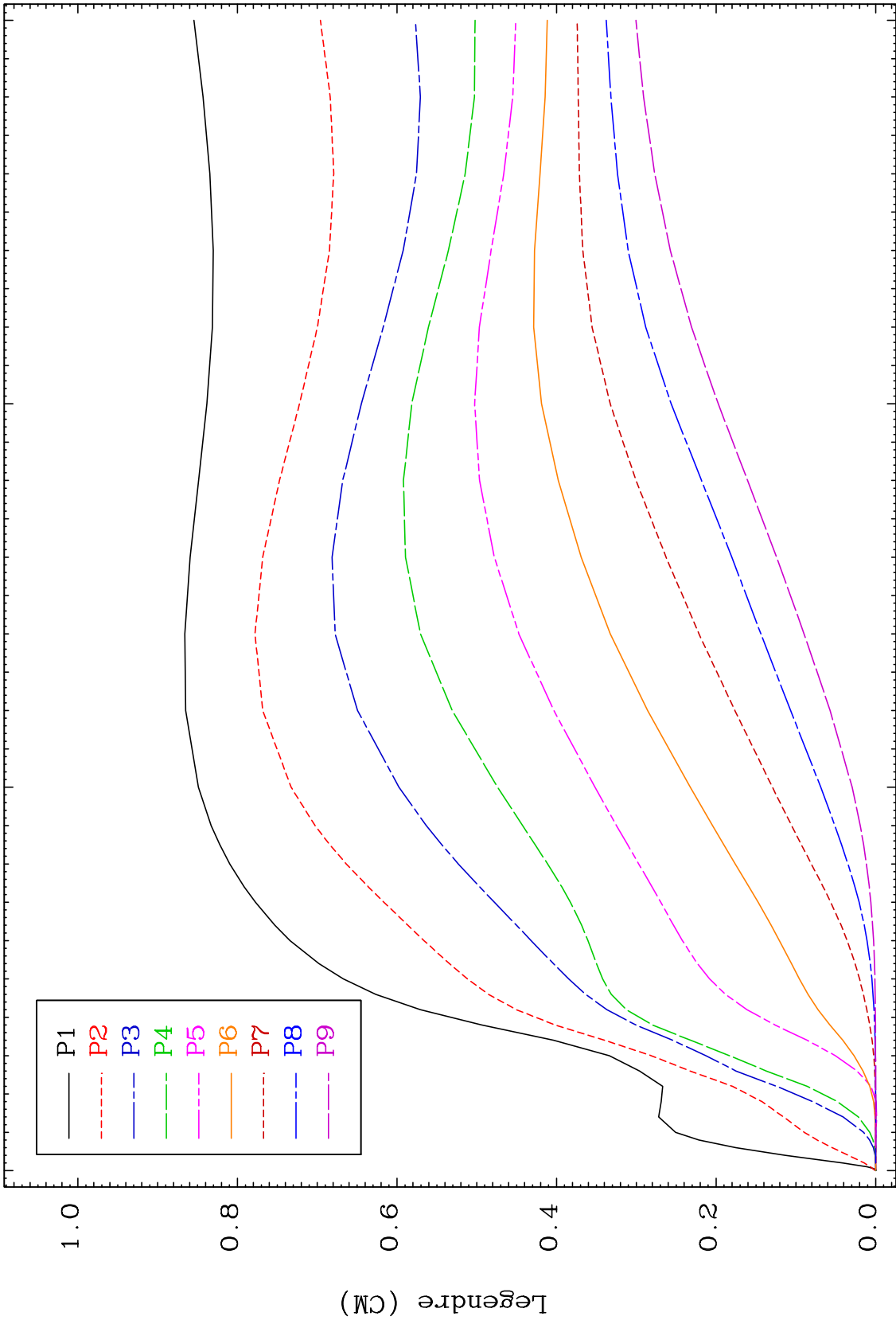
34-Se-83



MAT 3452

Elastic Legendre Coefficients

³⁴Se-83



16

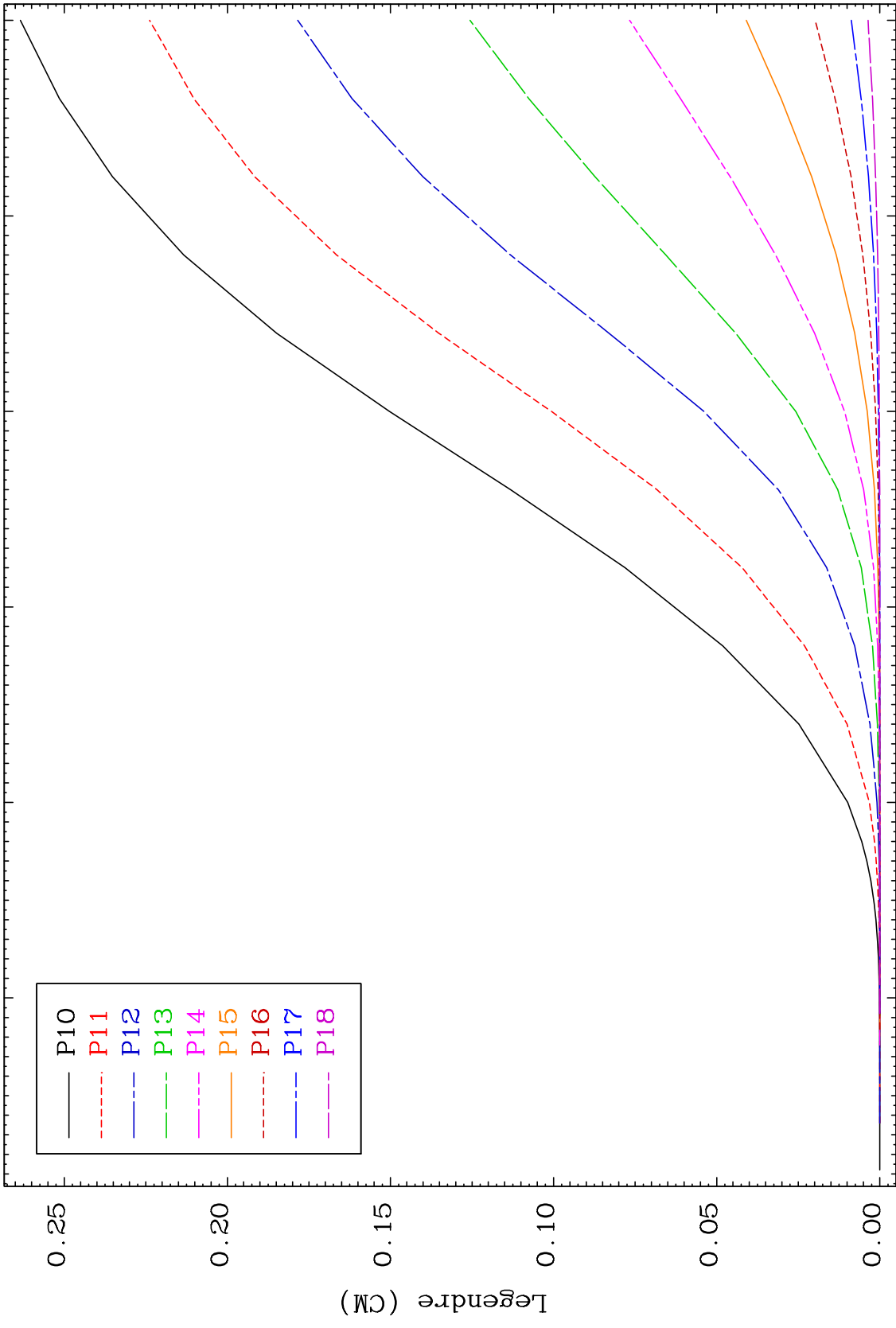
Incident Energy (MeV)

³⁴Se-83

MAT 3452

Elastic Legendre Coefficients

34-Se-83



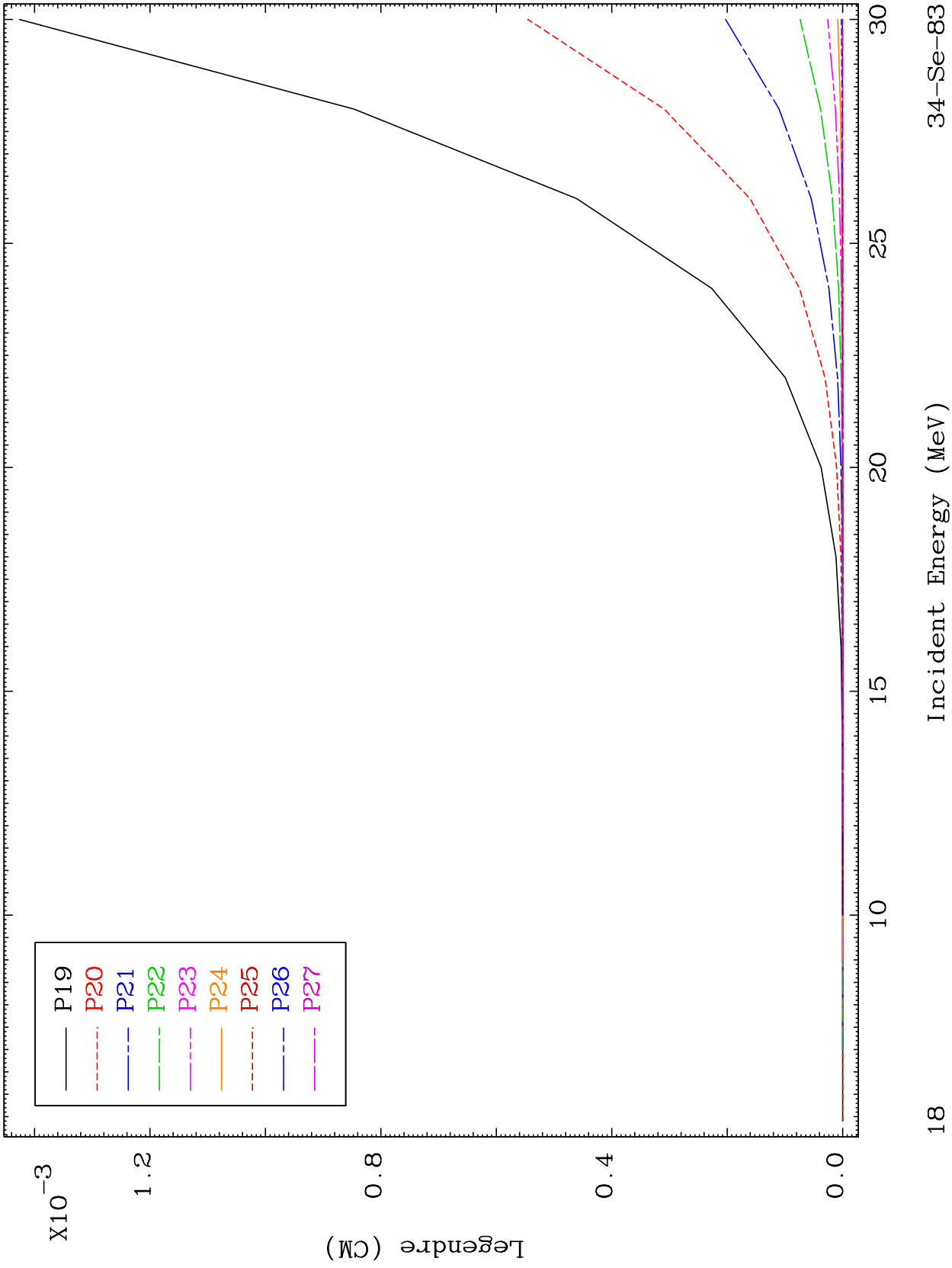
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34-Se-83

MAT 3452

Elastic Legendre Coefficients

34-Se-83



18

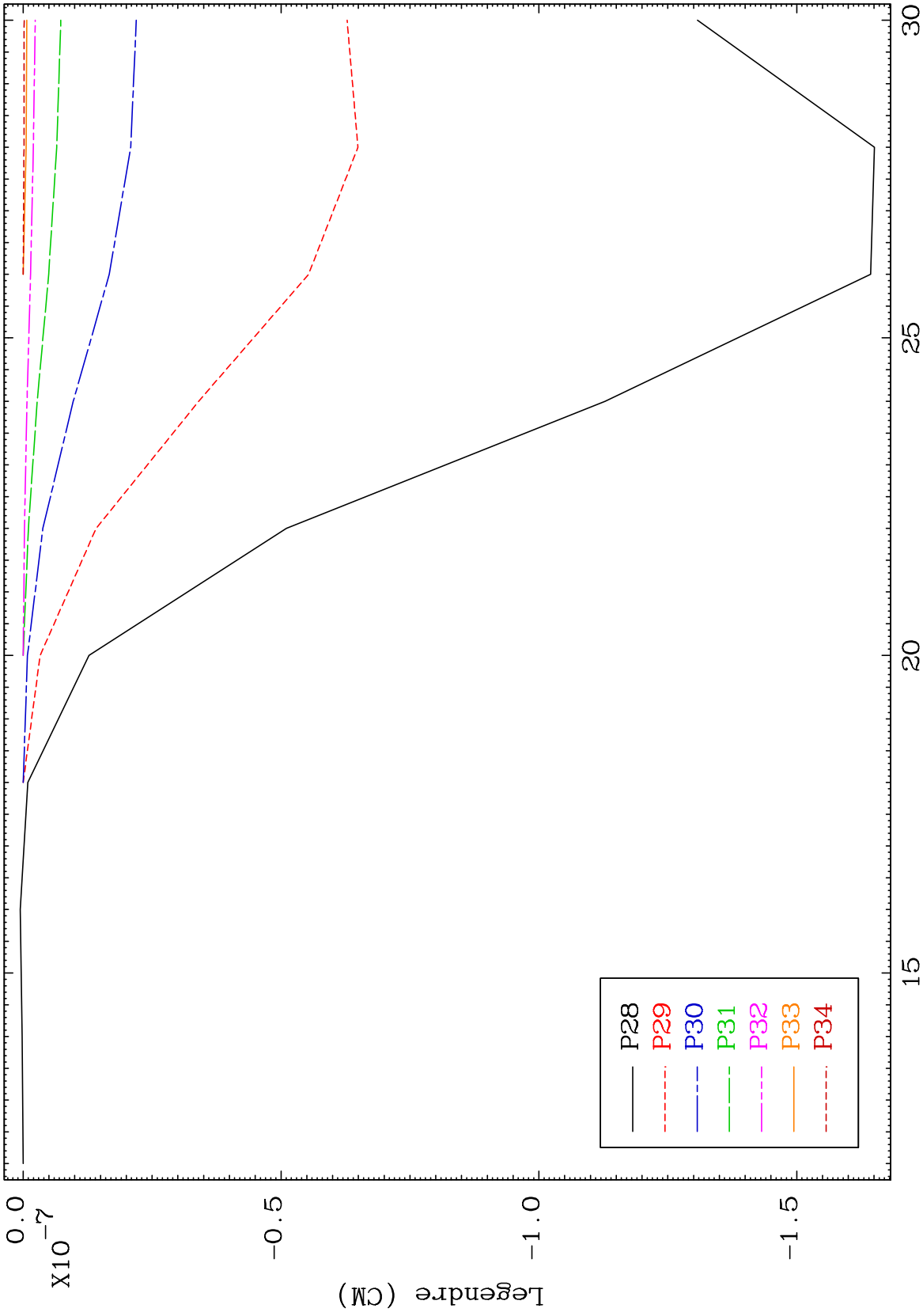
Incident Energy (MeV)

34-Se-83

MAT 3452

34-Se-83

Elastic Legendre Coefficients



19

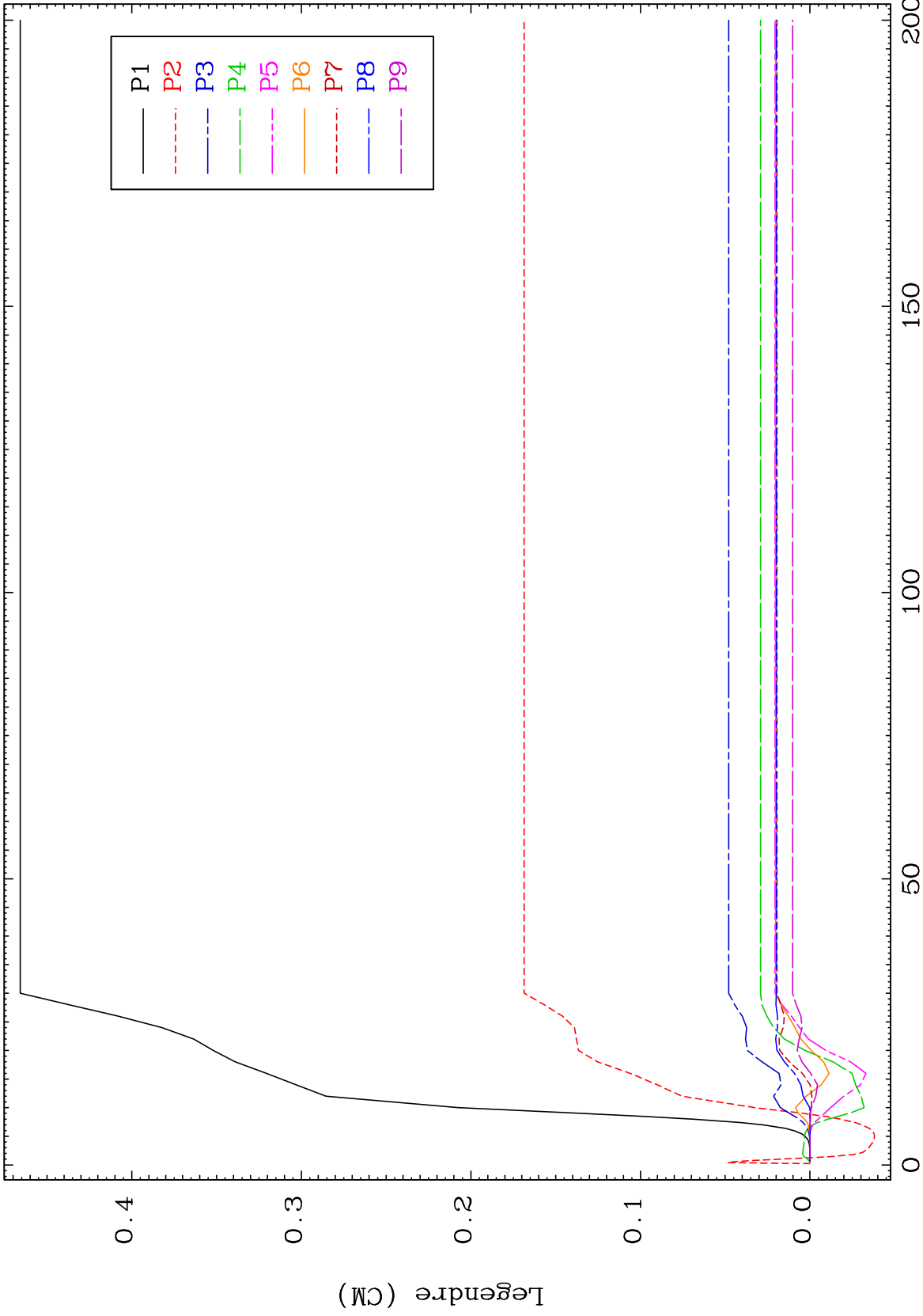
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



34-Se-83

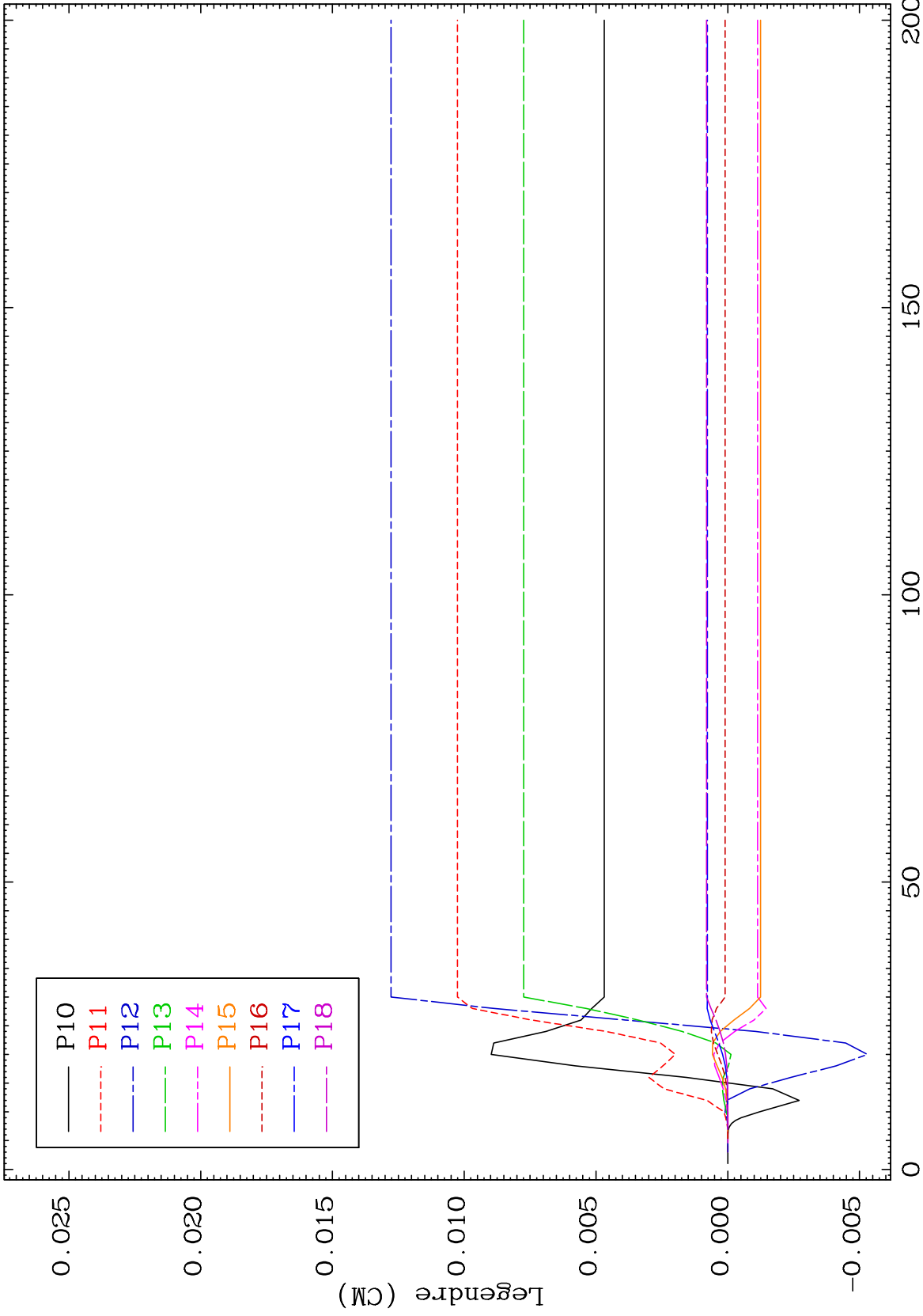
Incident Energy (MeV)

20

MAT 3452

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

34-Se-83



21

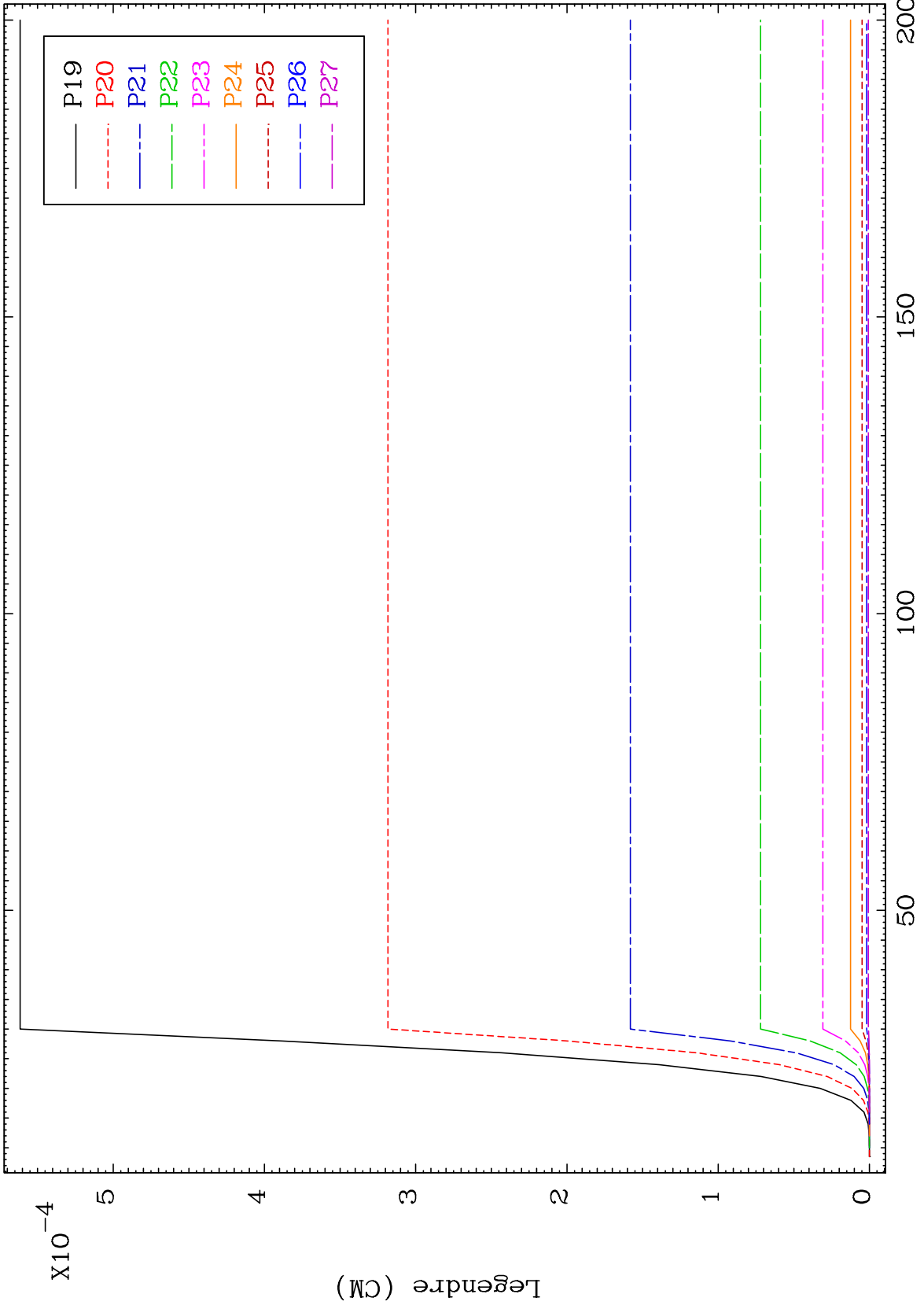
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



22

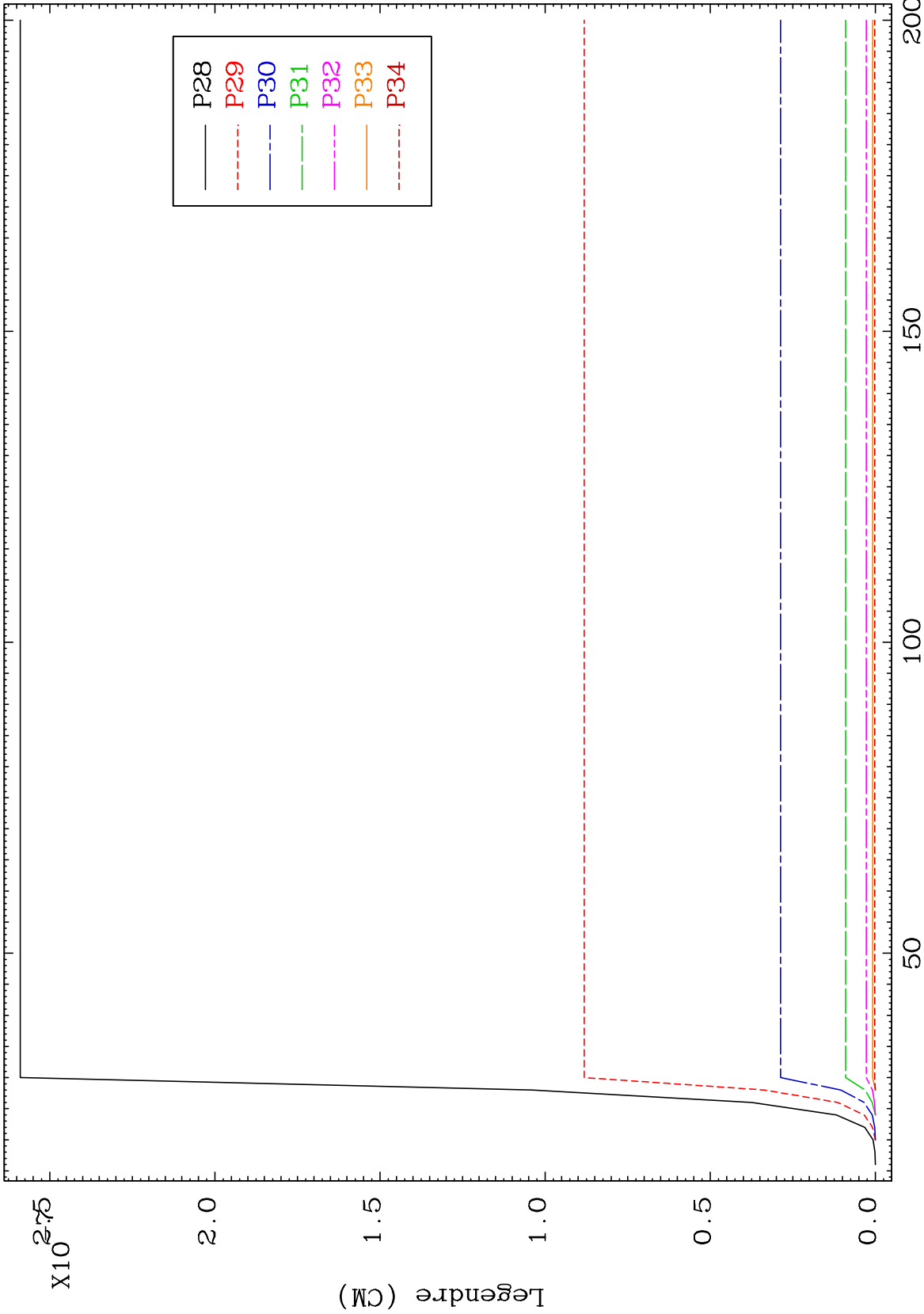
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



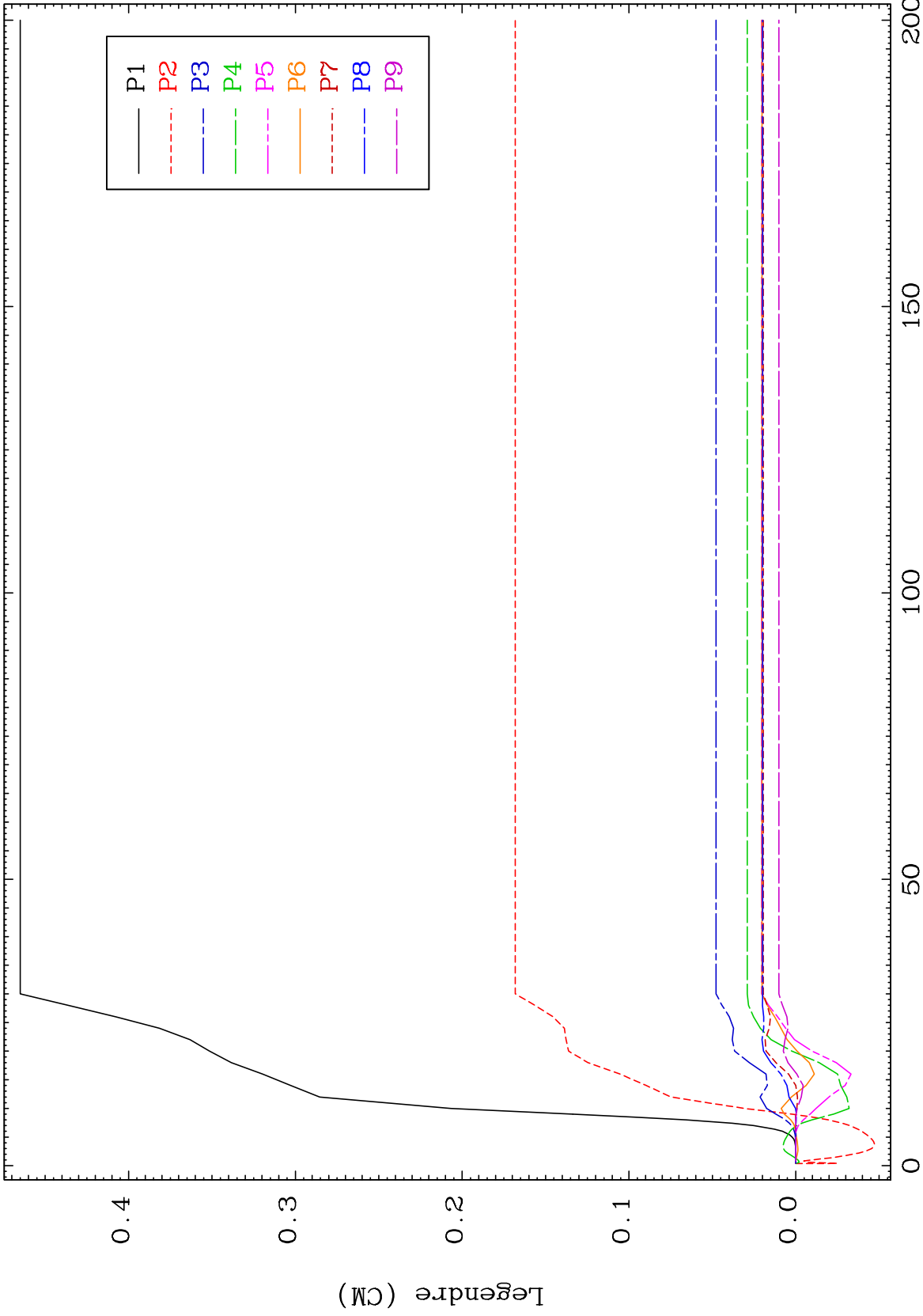
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34-Se-83

MAT 3452

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

34-Se-83



24

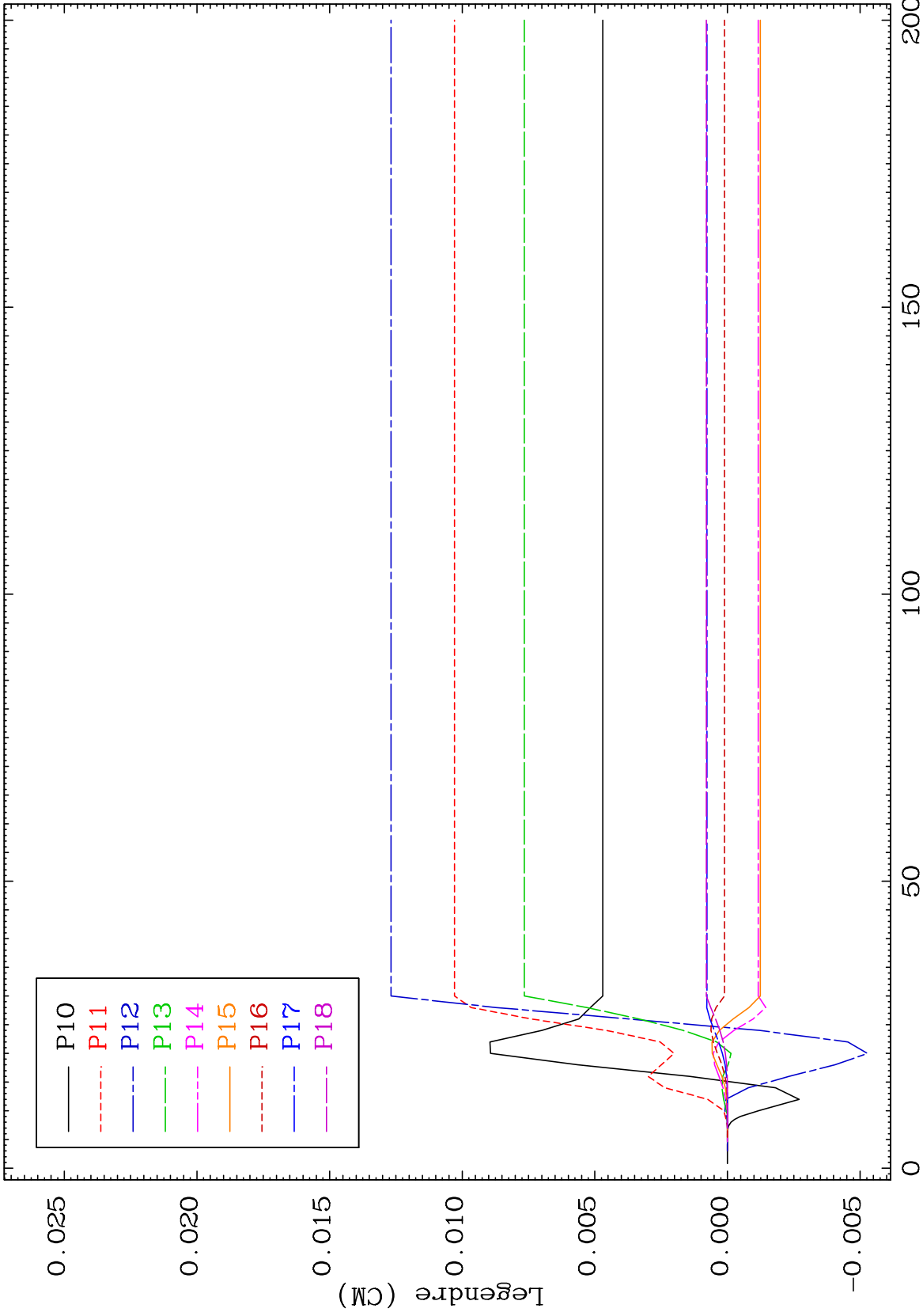
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



25

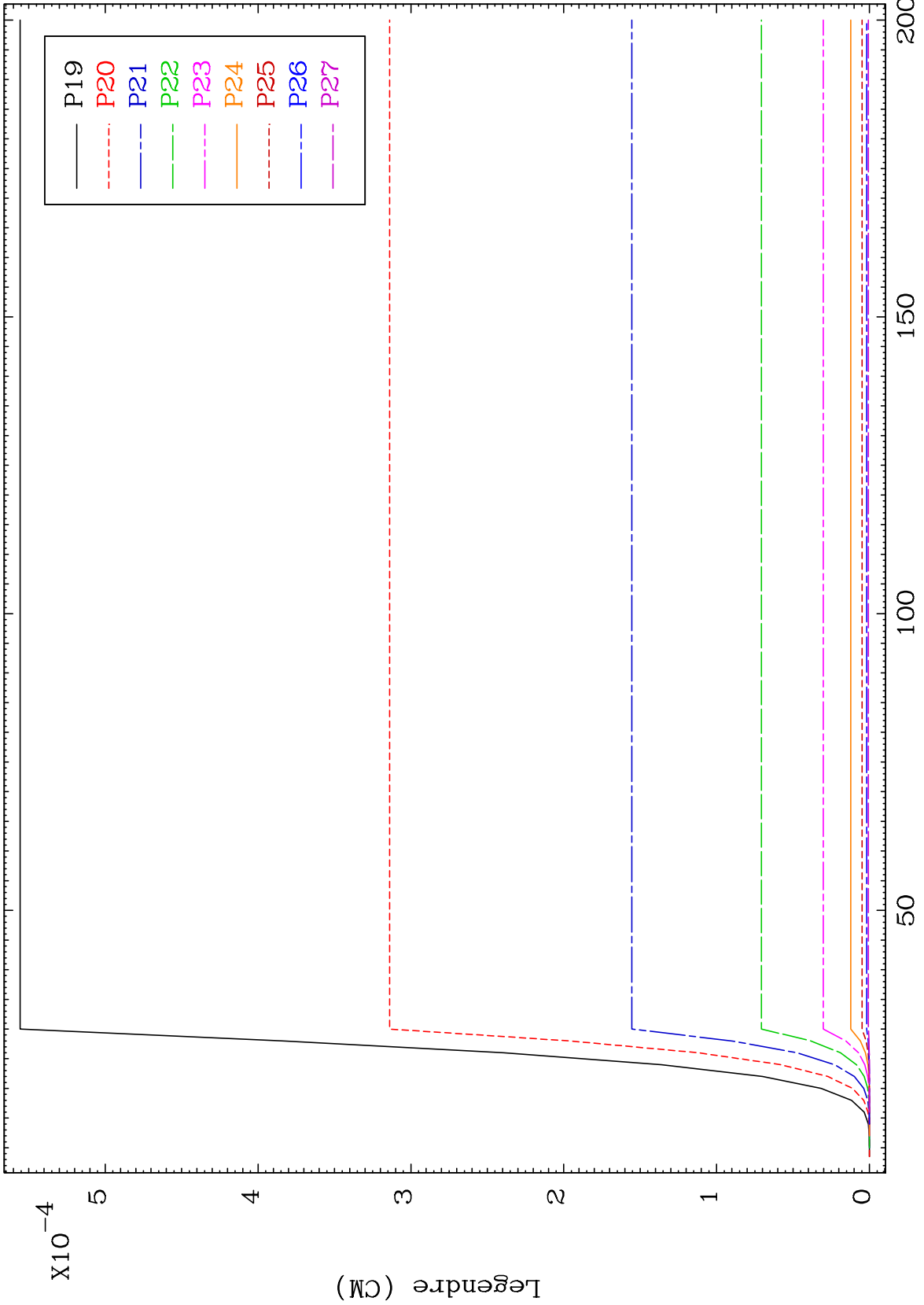
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



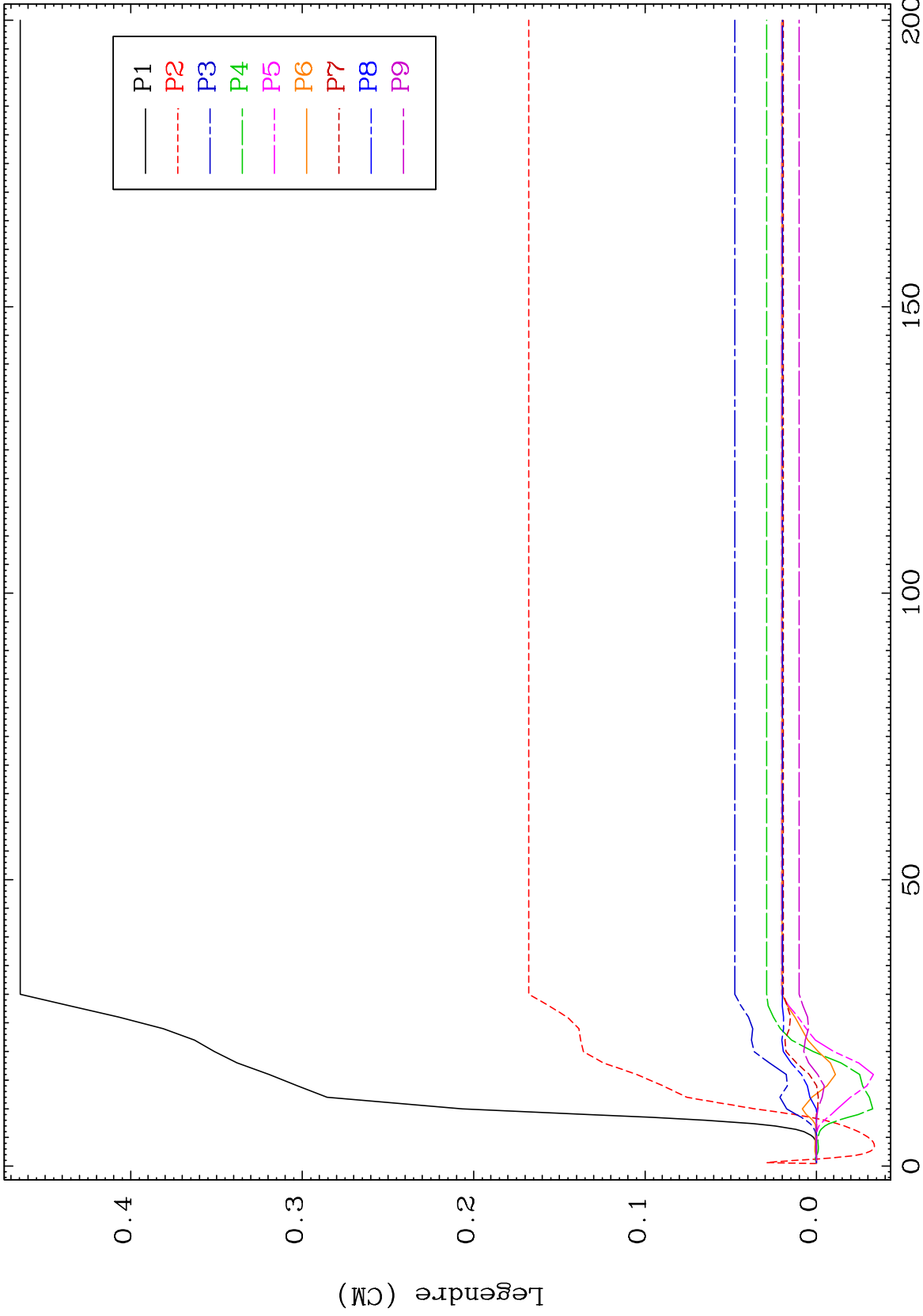
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34-Se-83

MAT 3452

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

34-Se-83



28

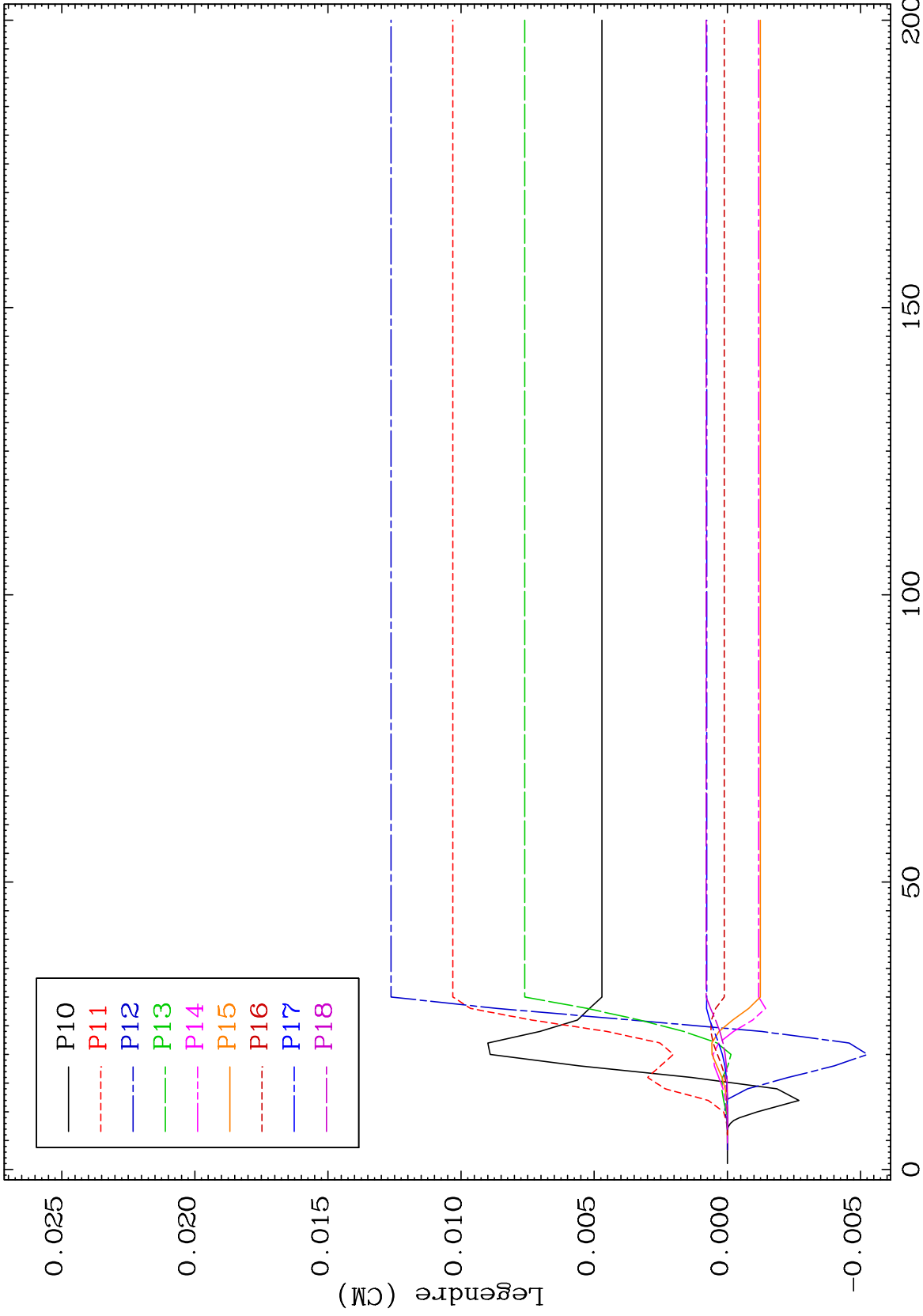
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



29

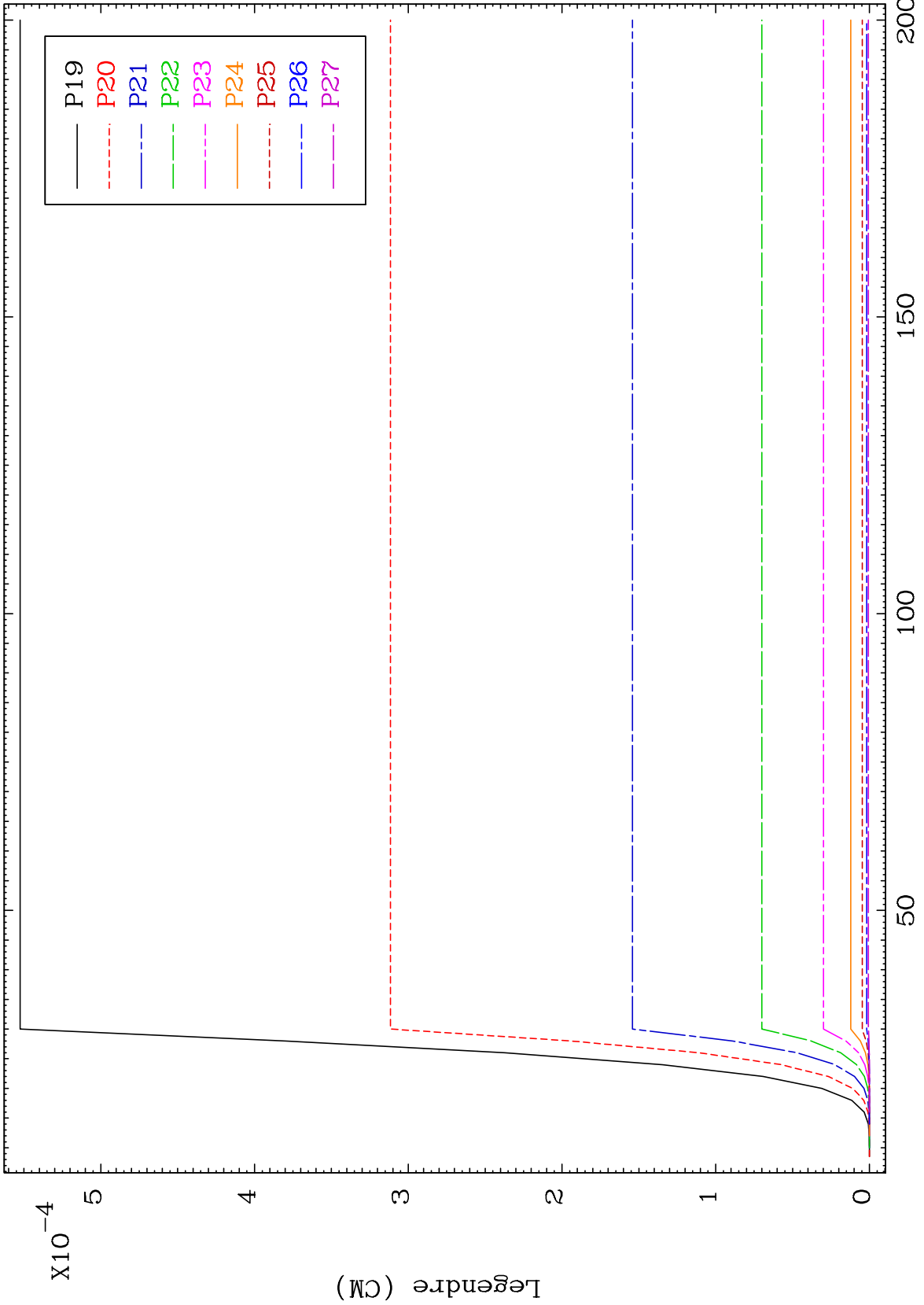
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



30

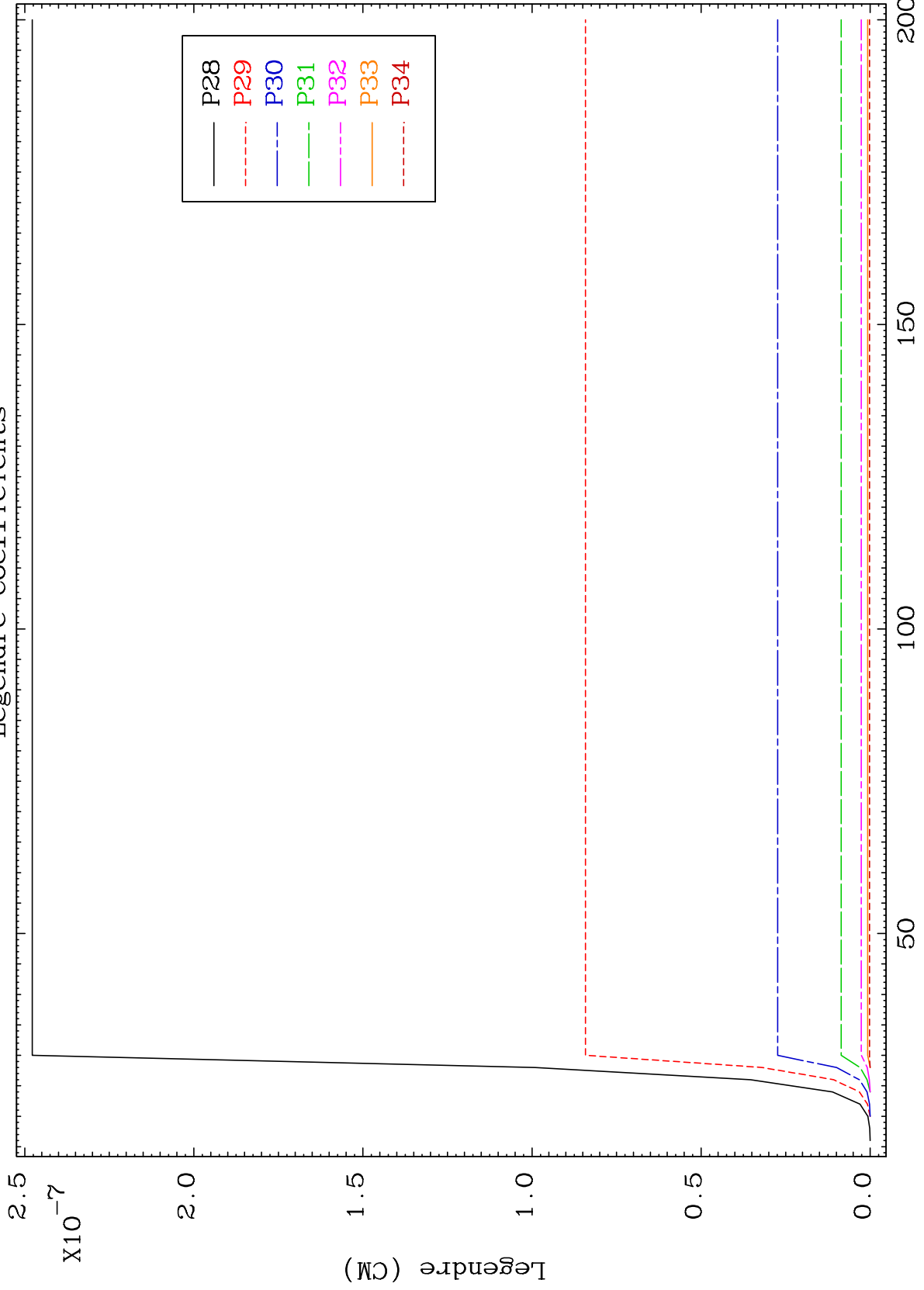
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



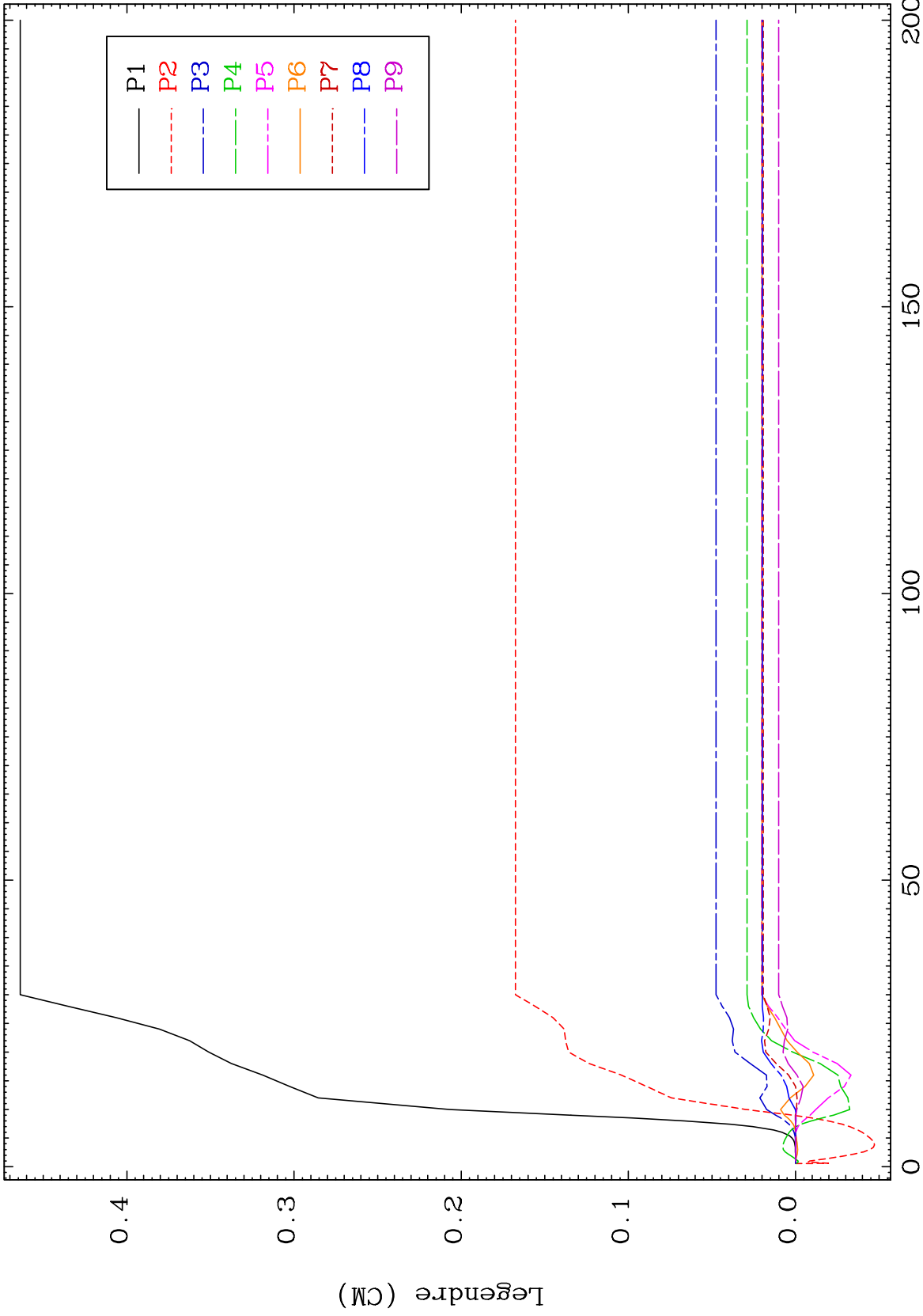
31

34-Se-83

MAT 3452

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

34-Se-83



32

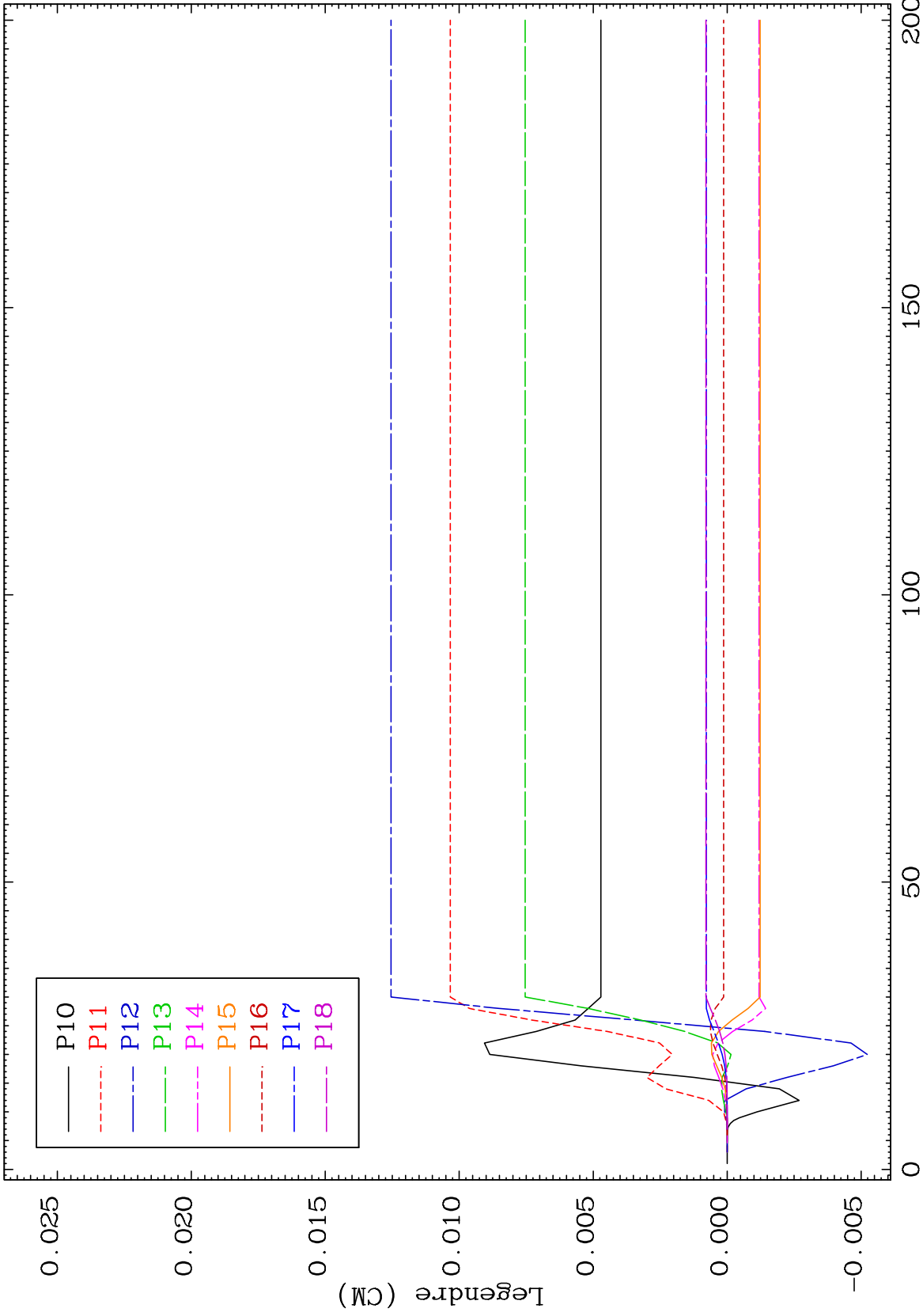
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



33

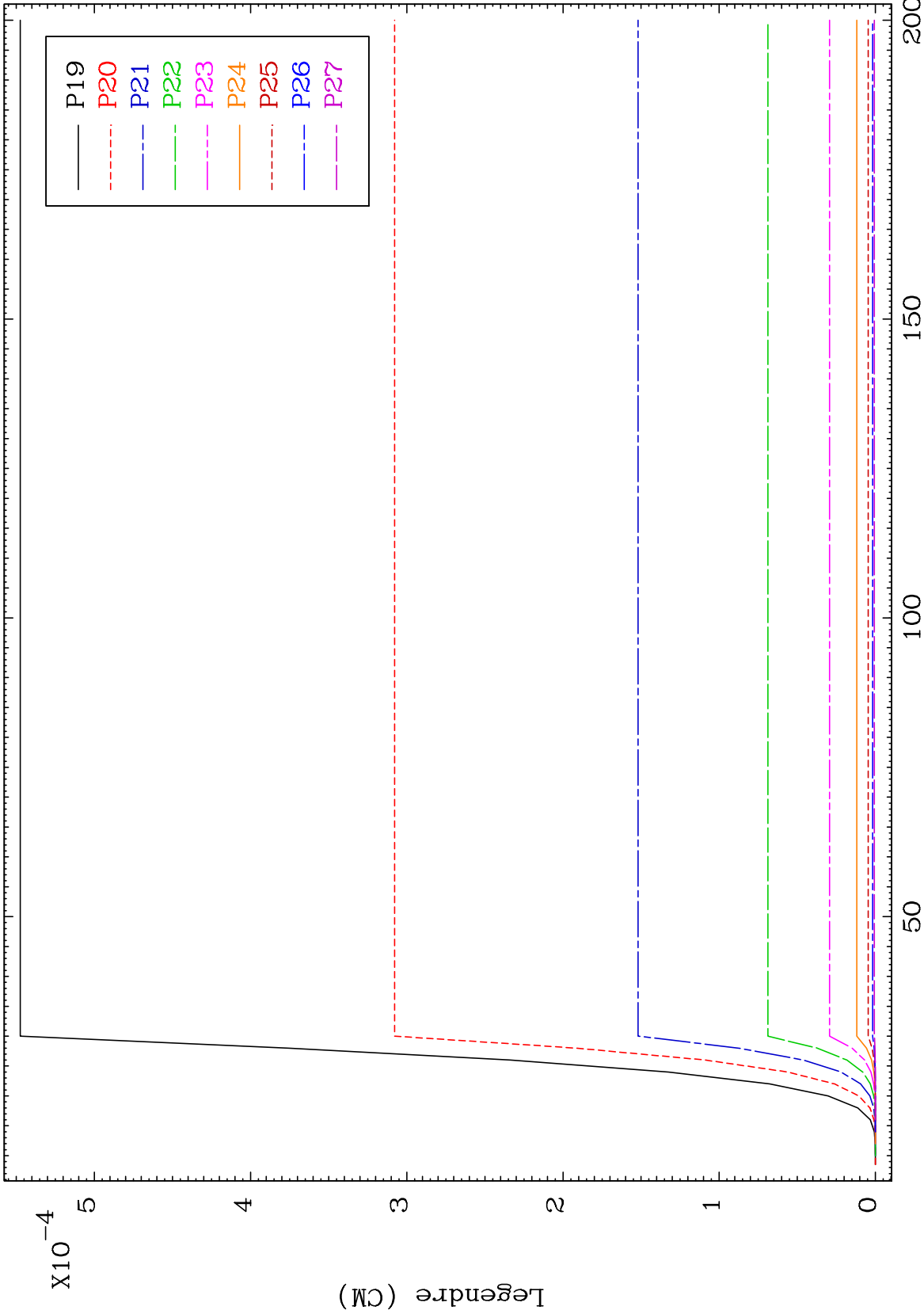
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



34

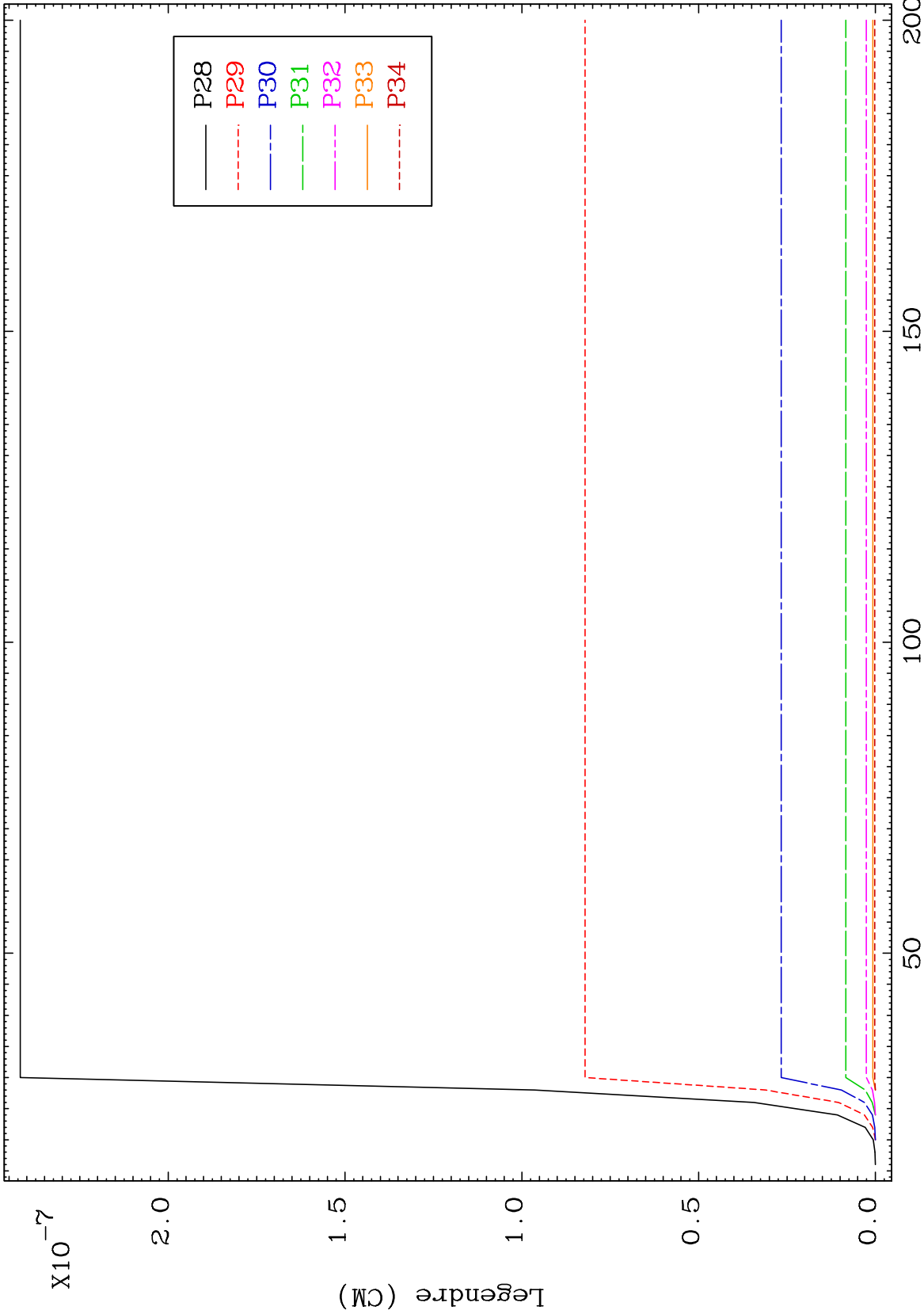
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



35

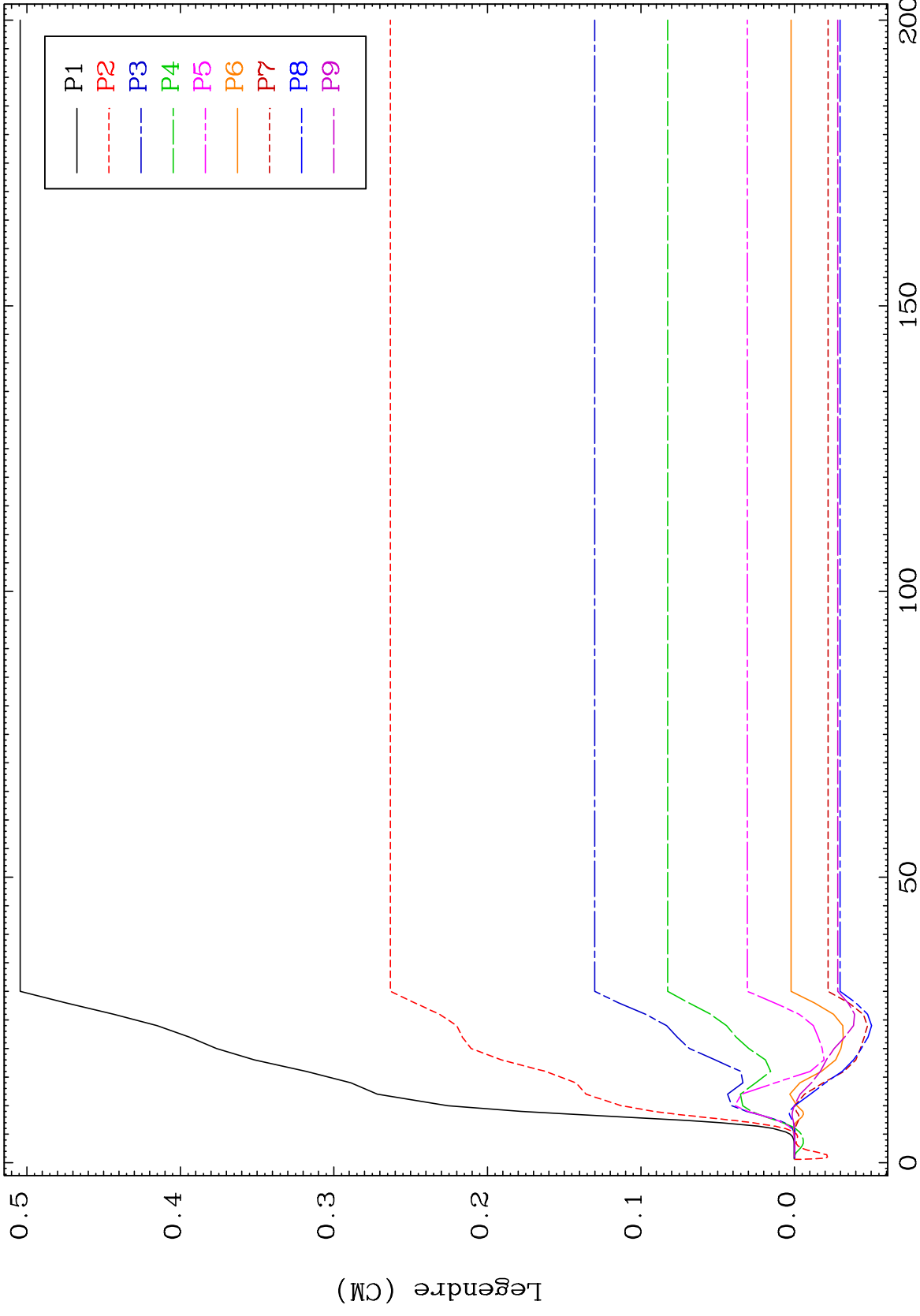
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



36

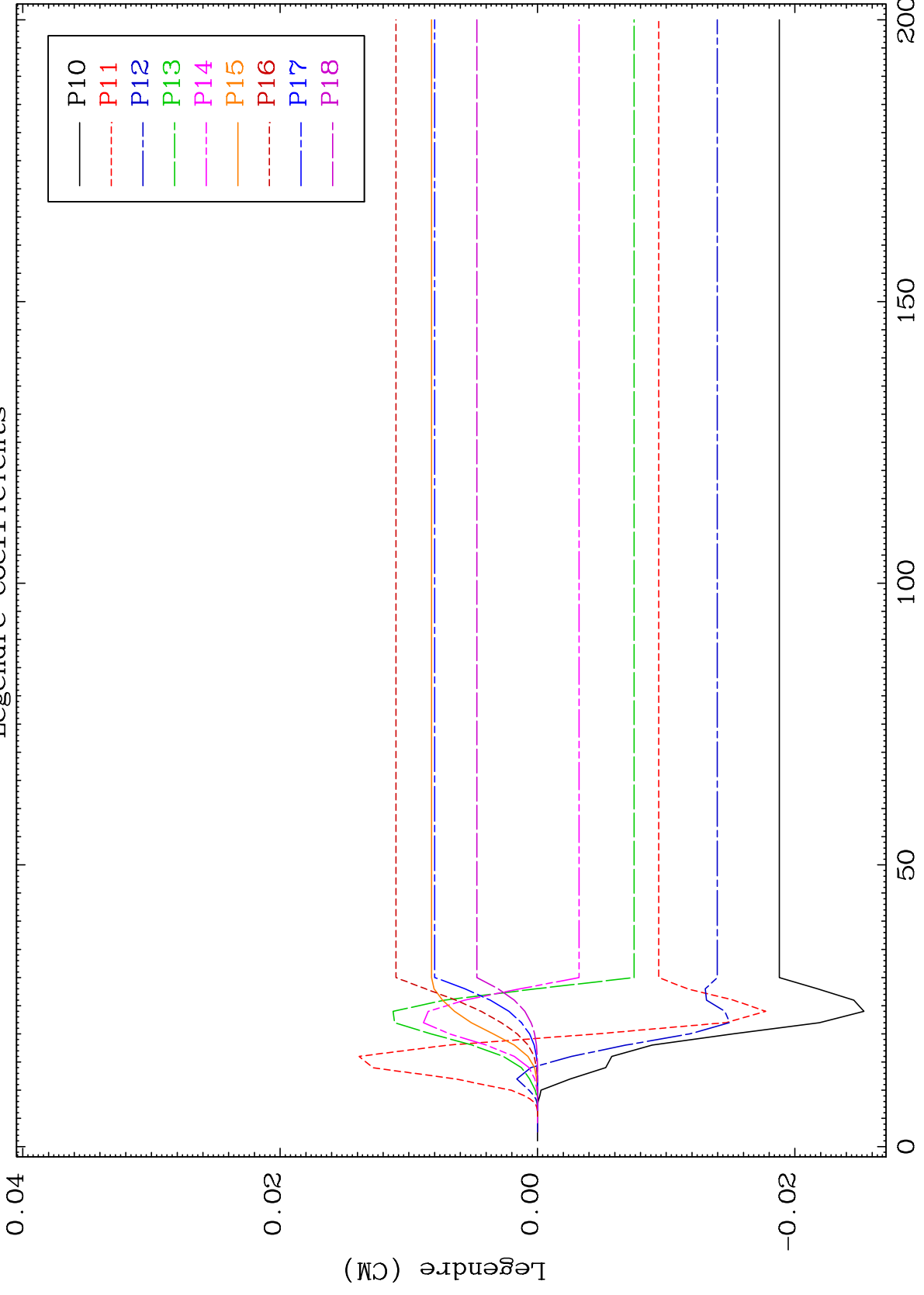
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



37

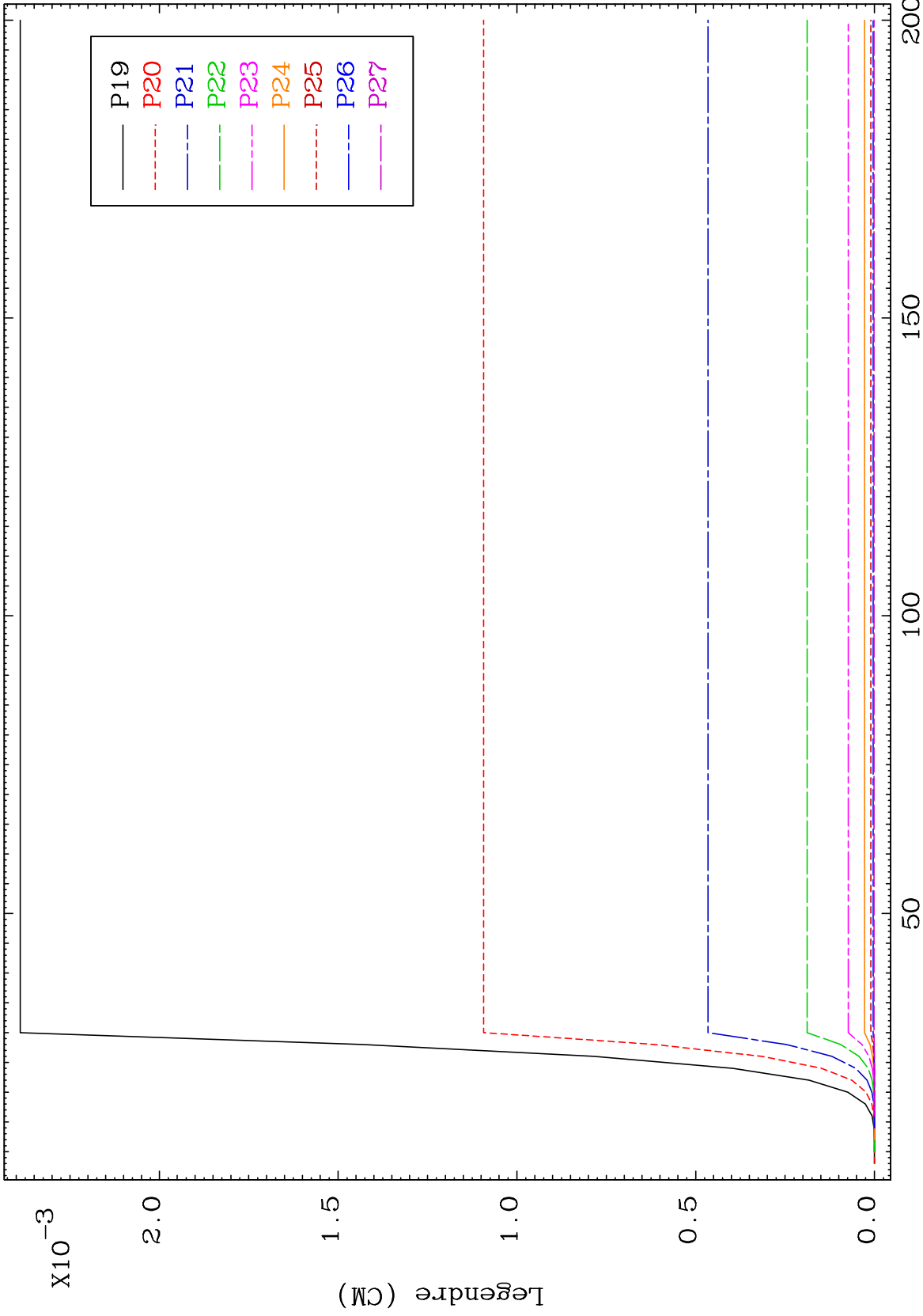
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



38

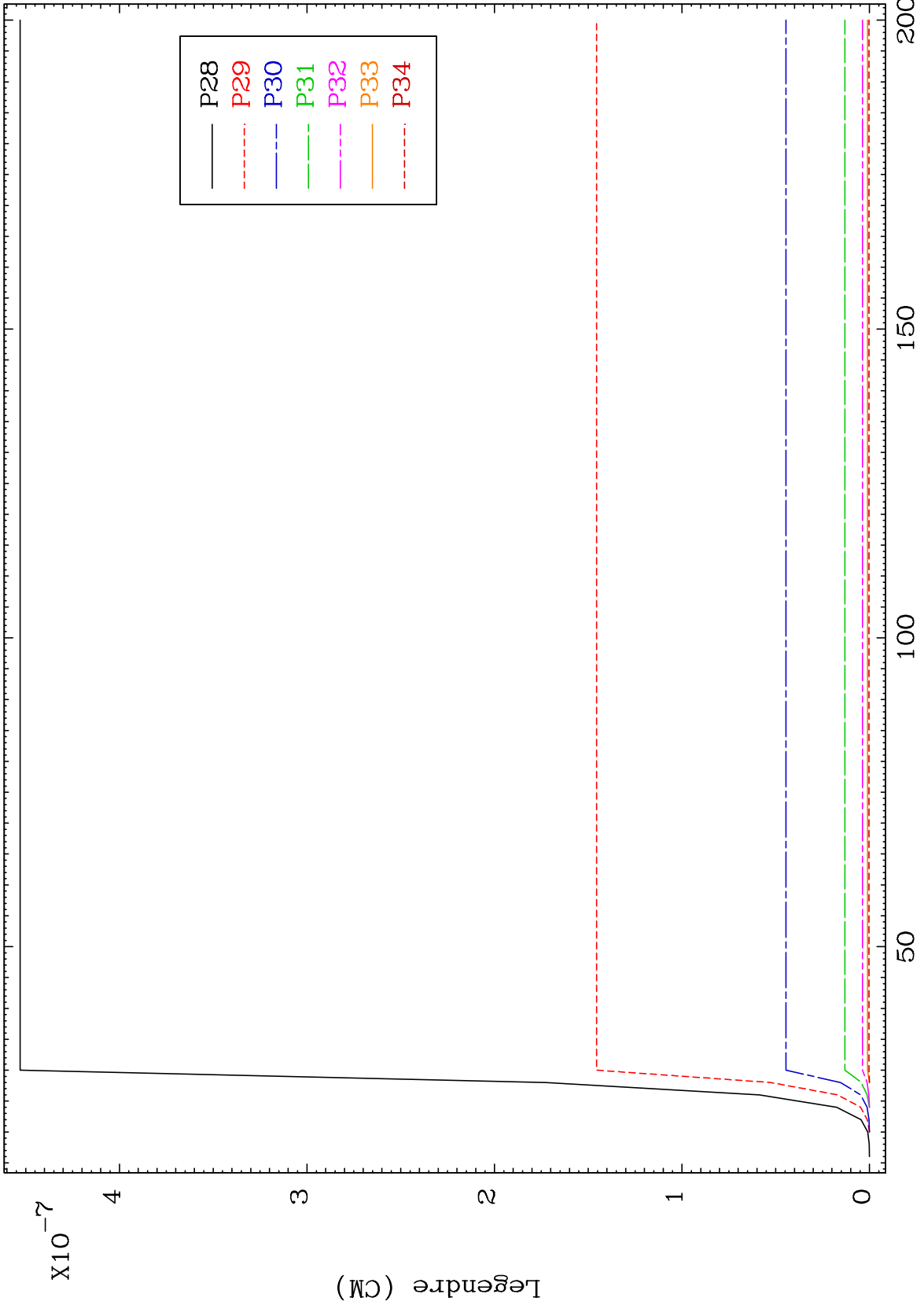
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



39

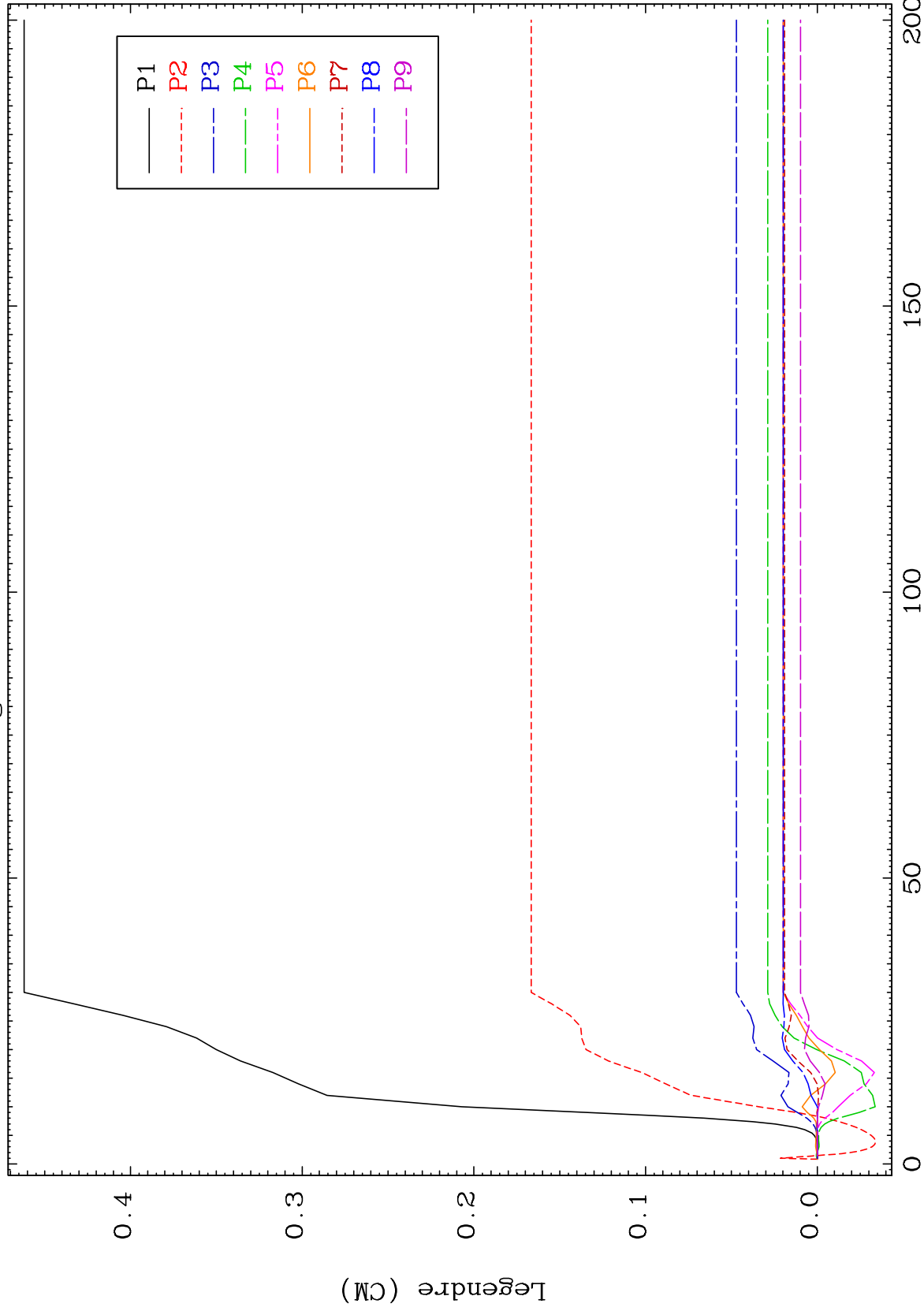
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



34-Se-83

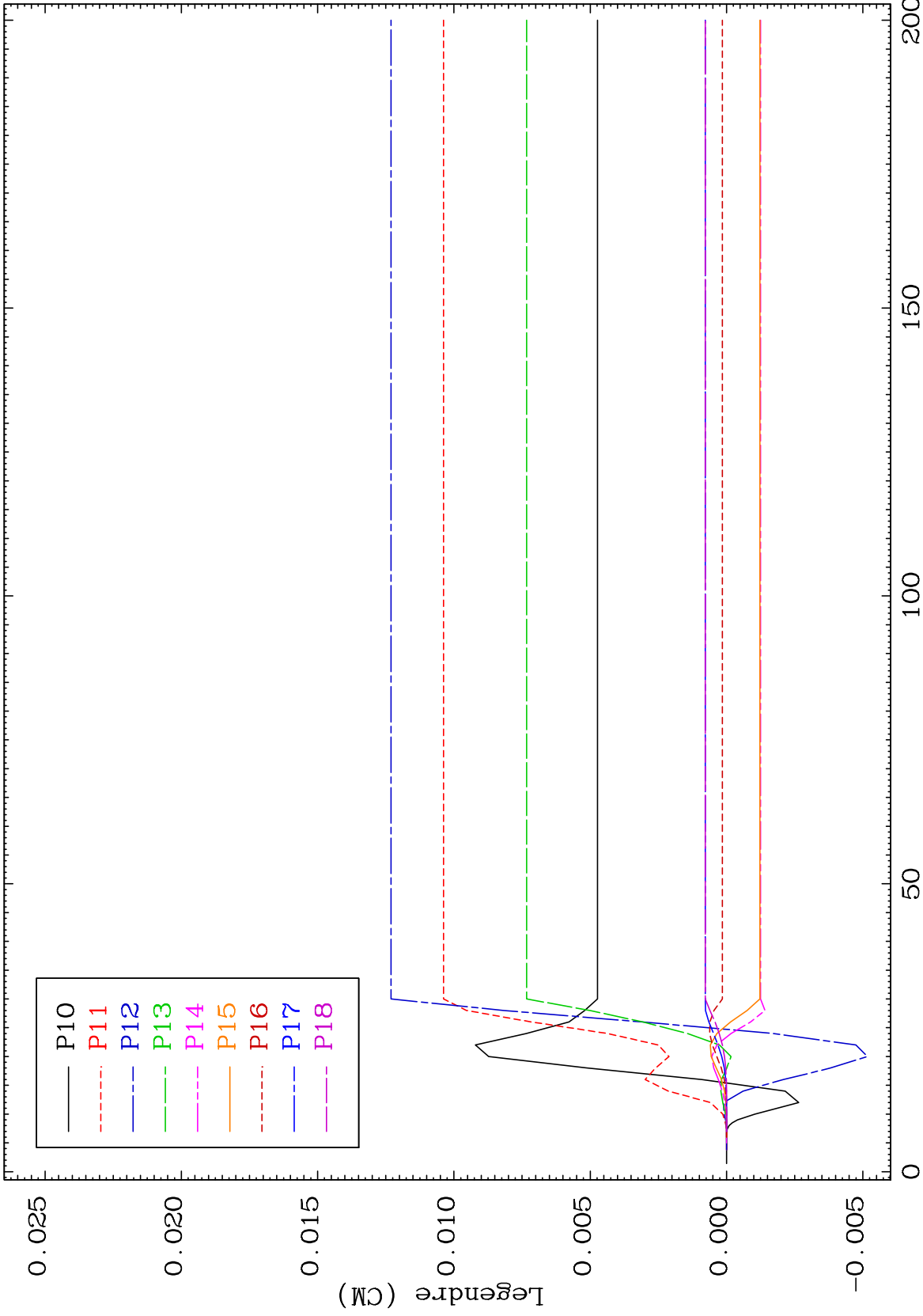
Incident Energy (MeV)

40

MAT 3452

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

34-Se-83



41

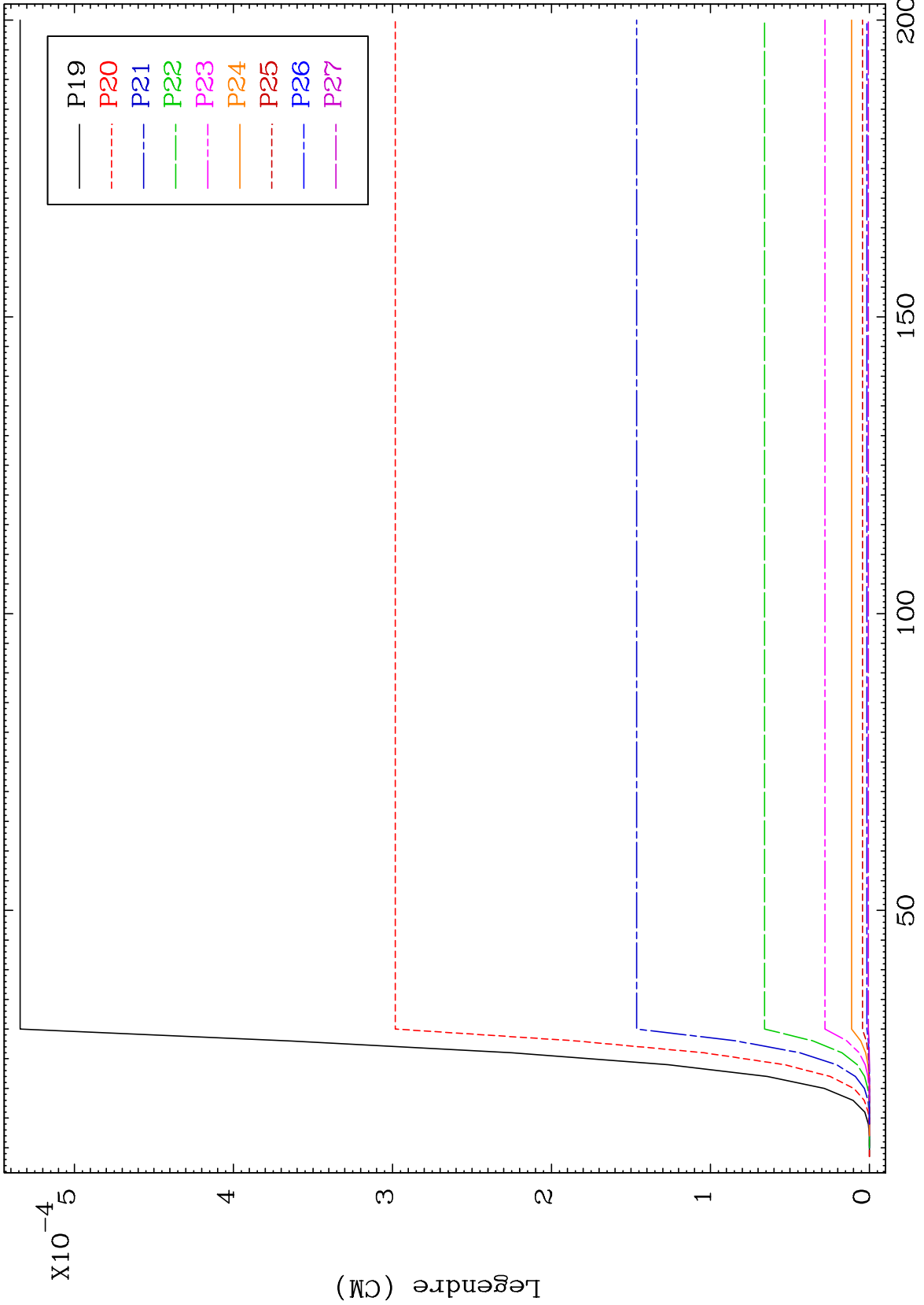
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



42

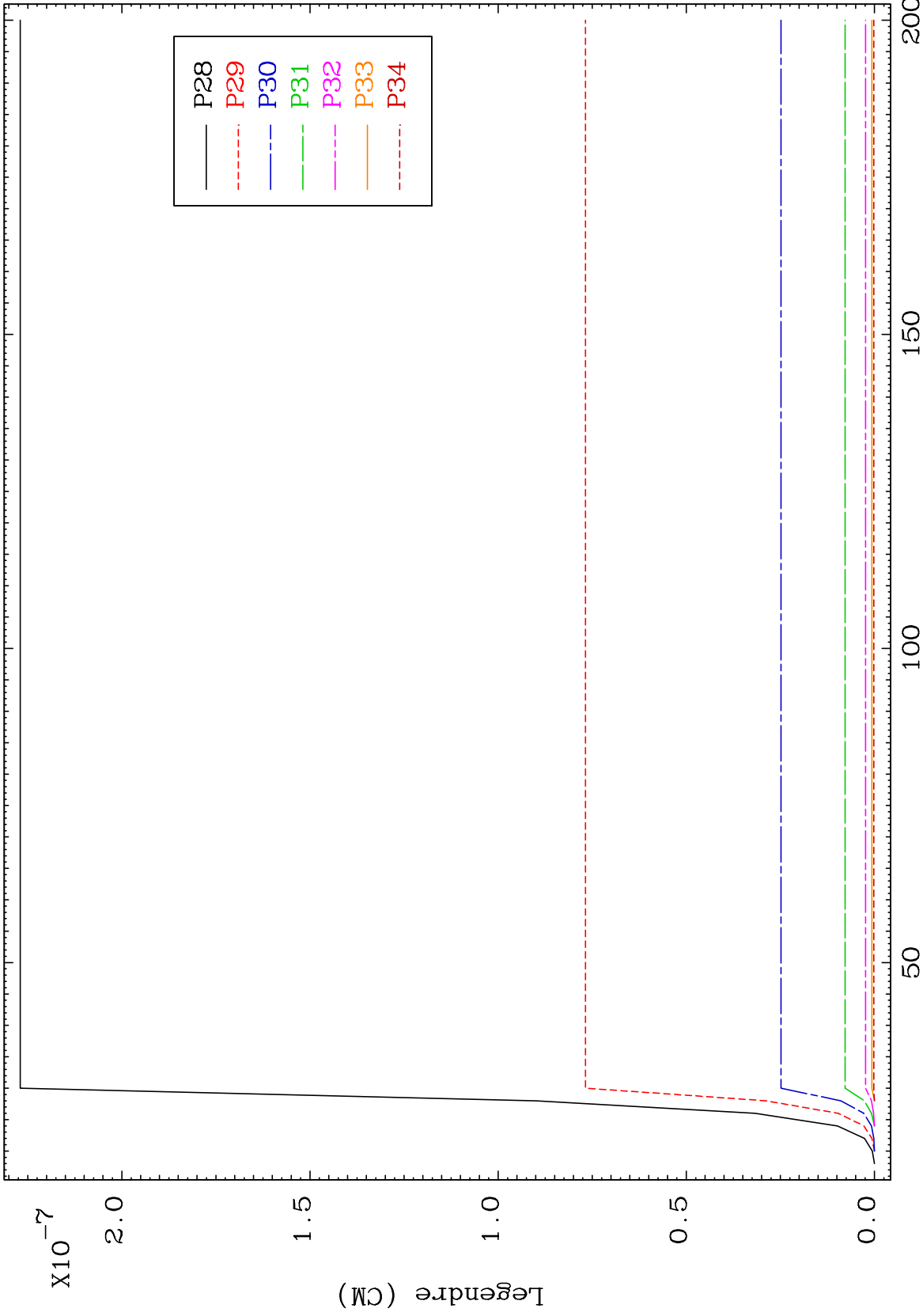
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



43

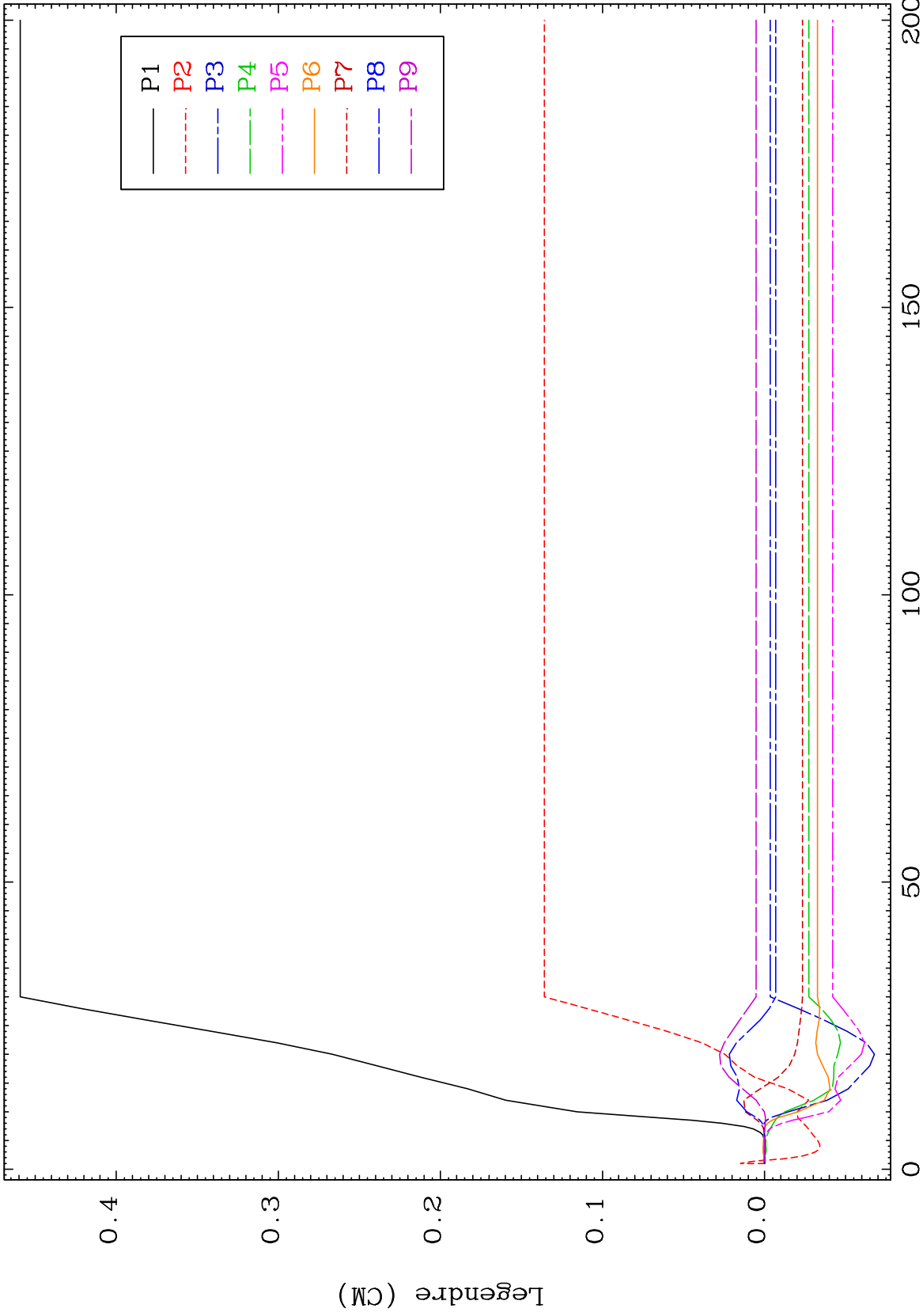
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



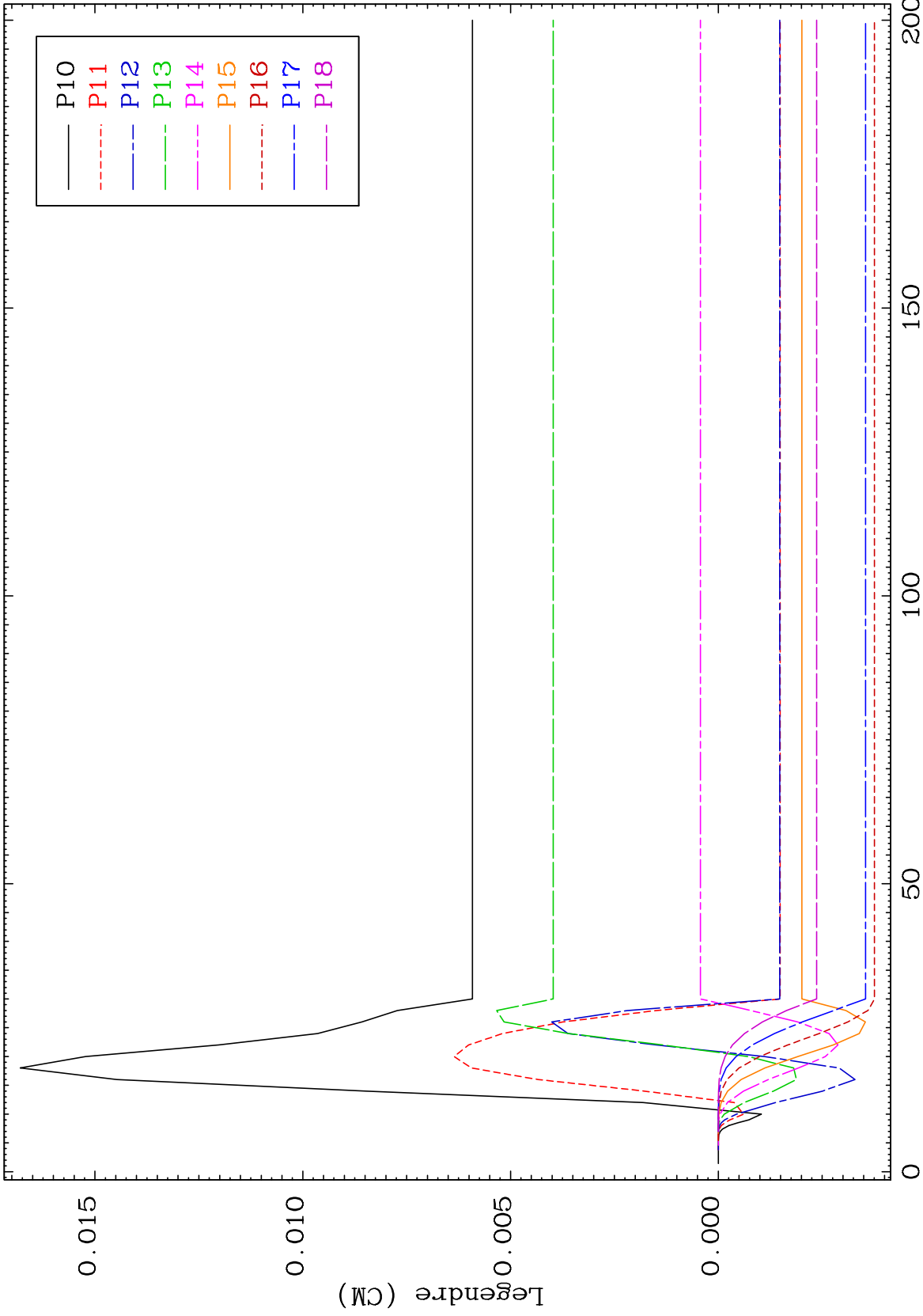
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34-Se-83

MAT 3452

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

34-Se-83



45

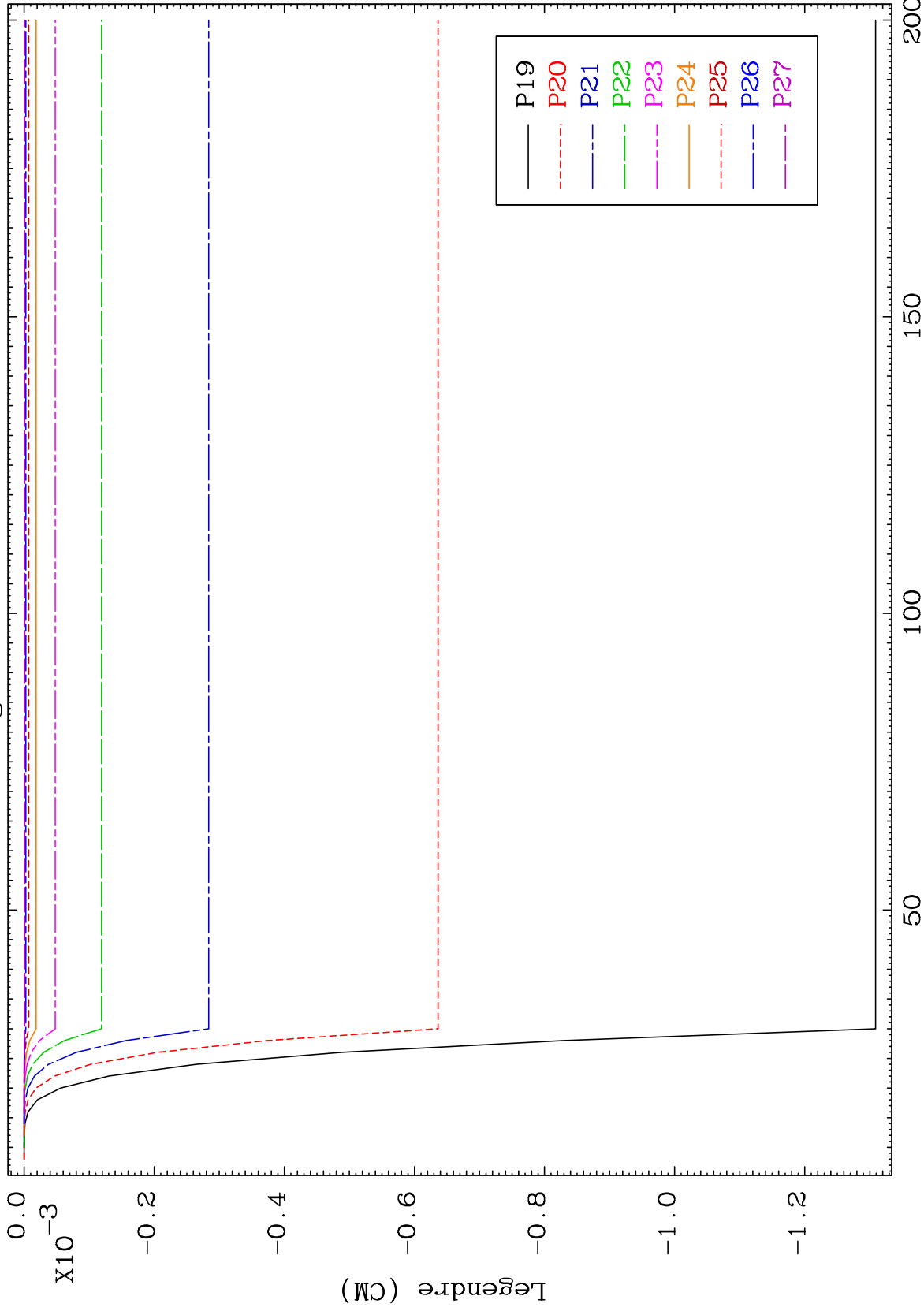
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



46

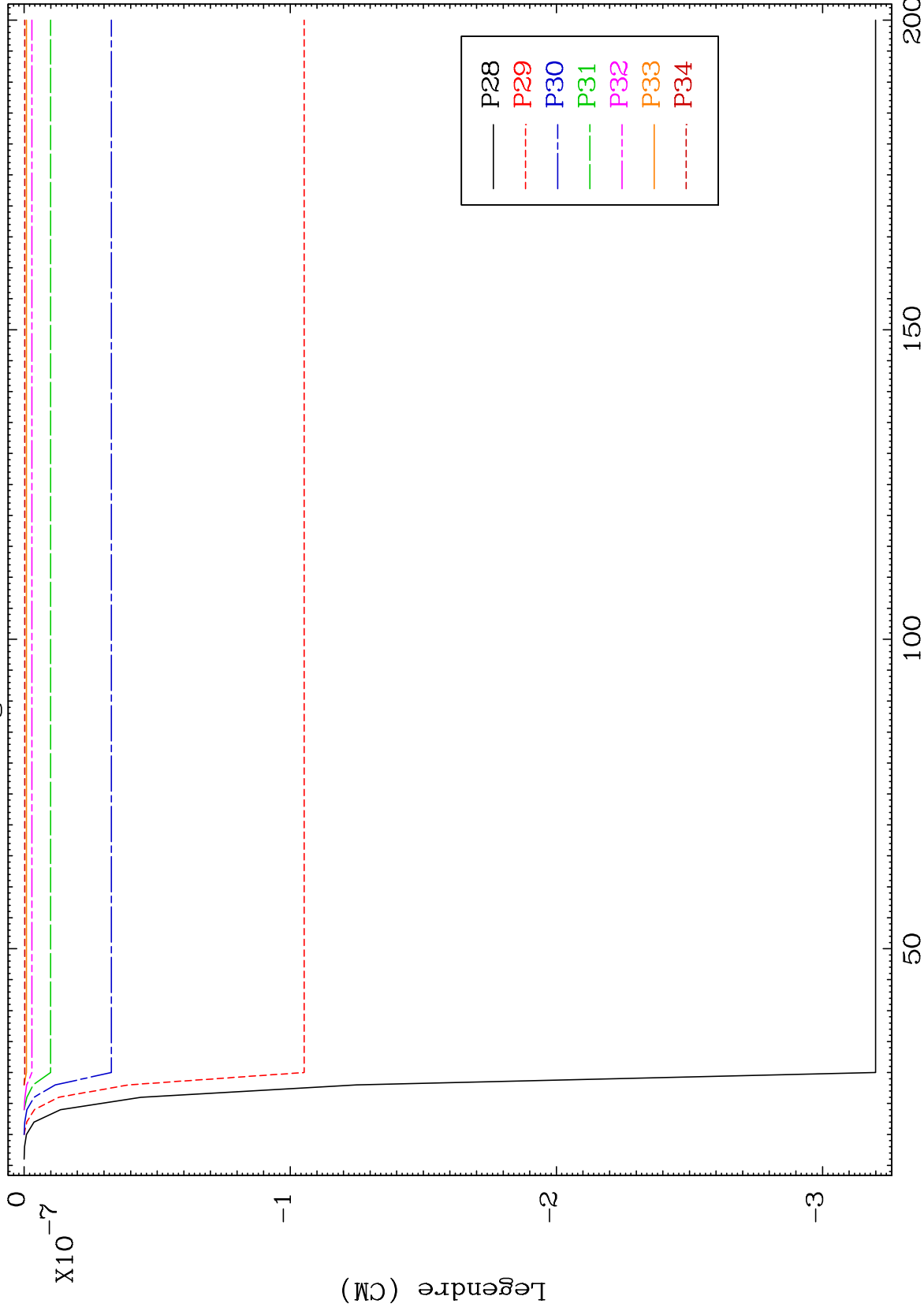
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



47

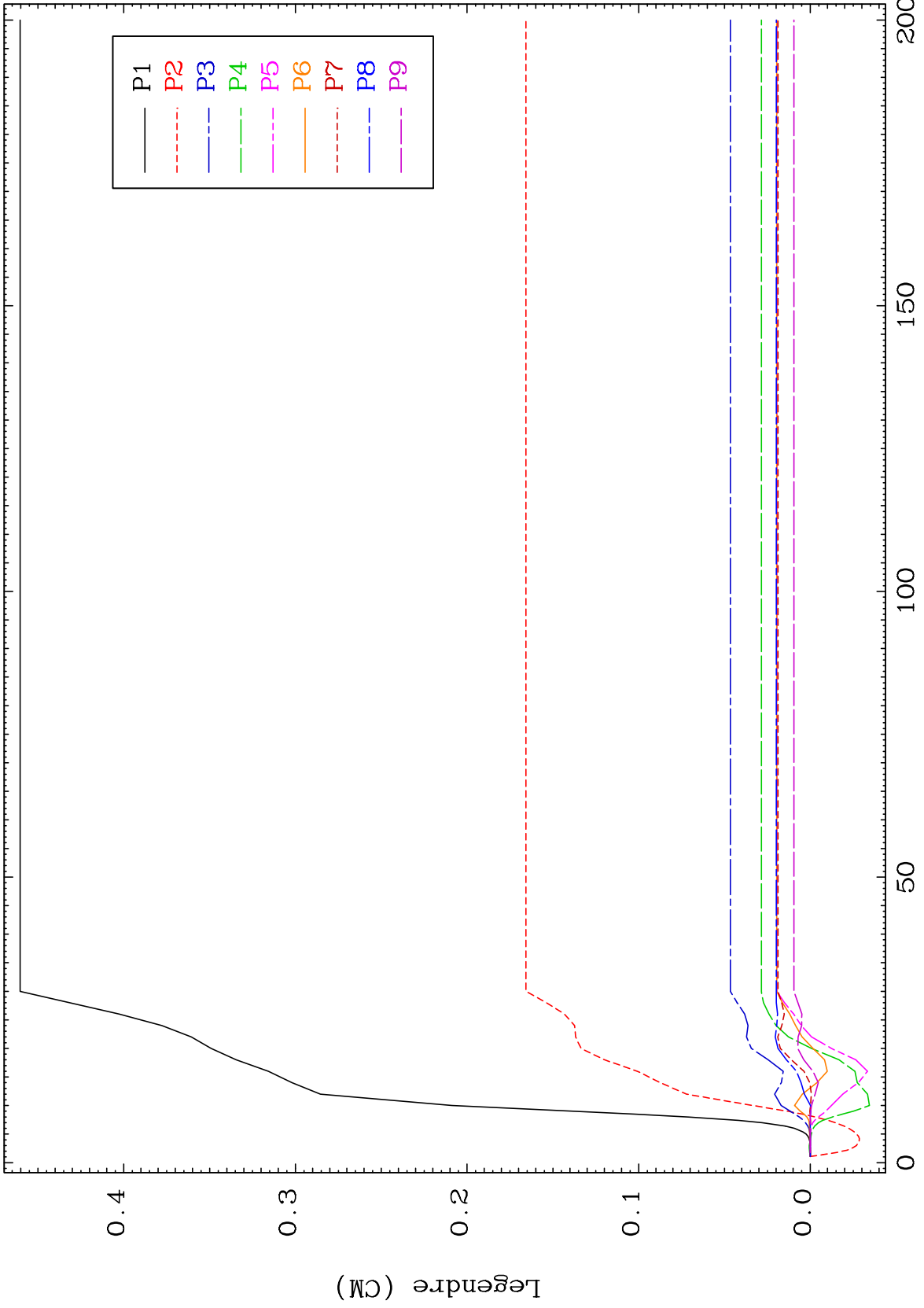
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



48

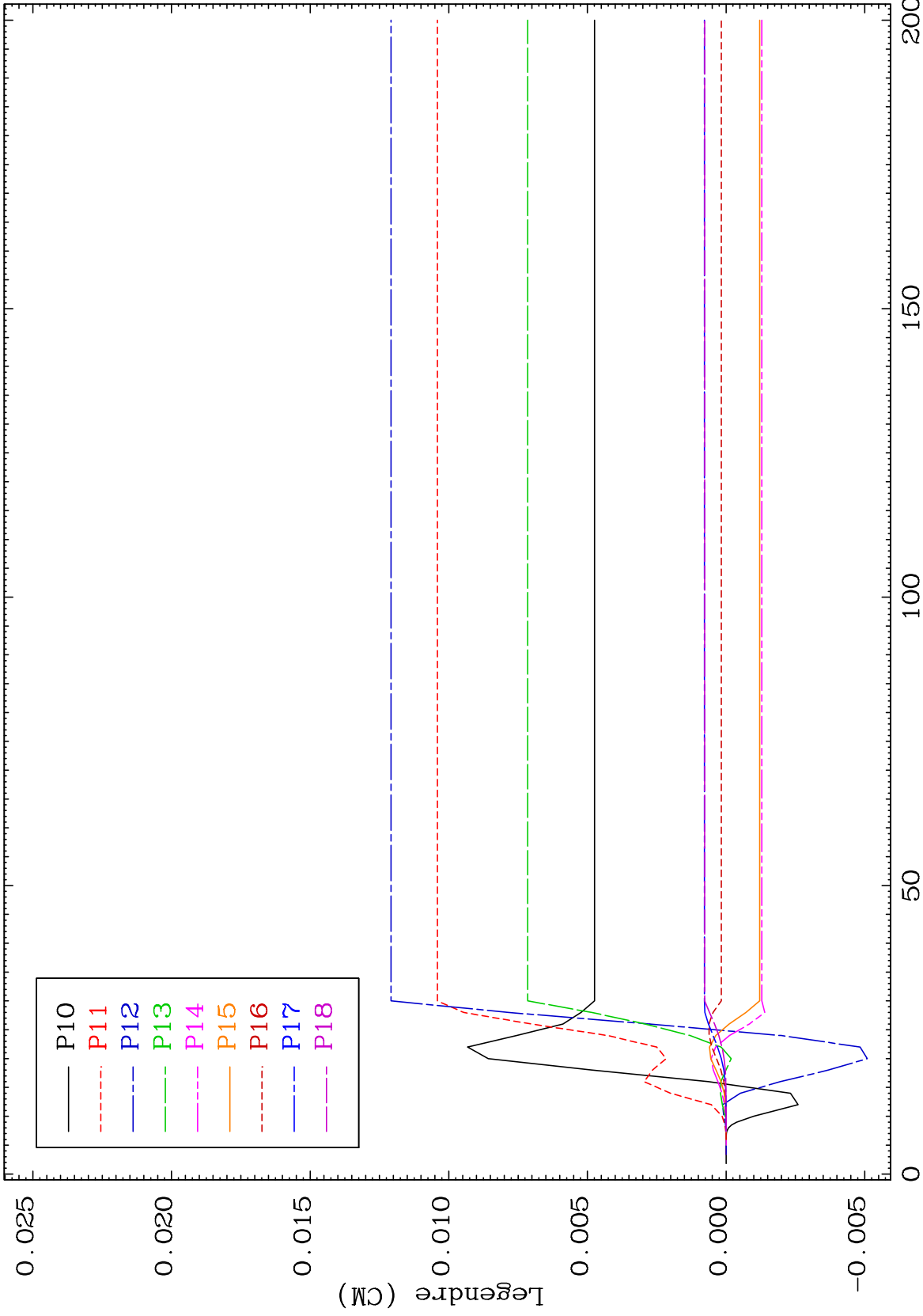
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



49

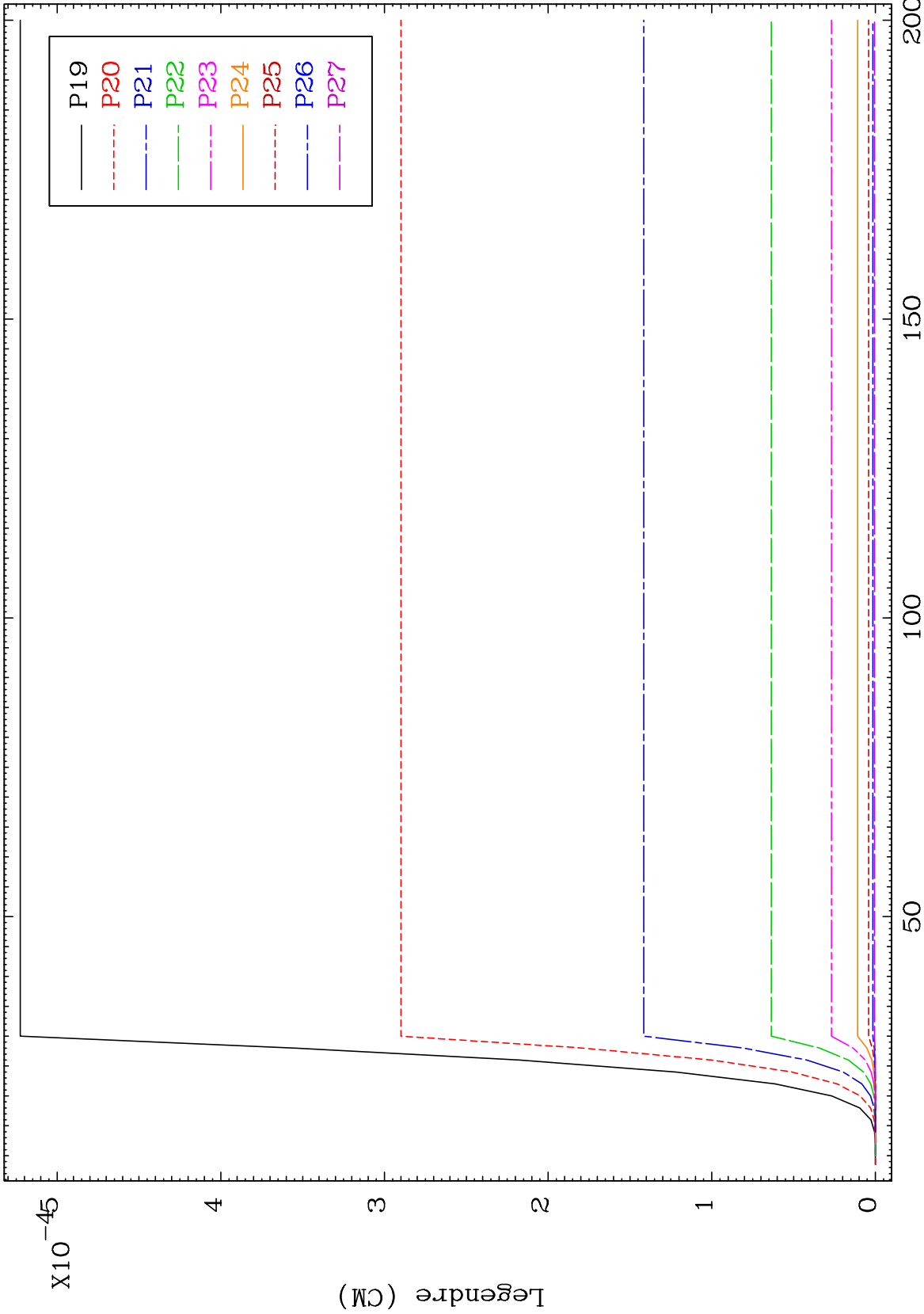
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



50

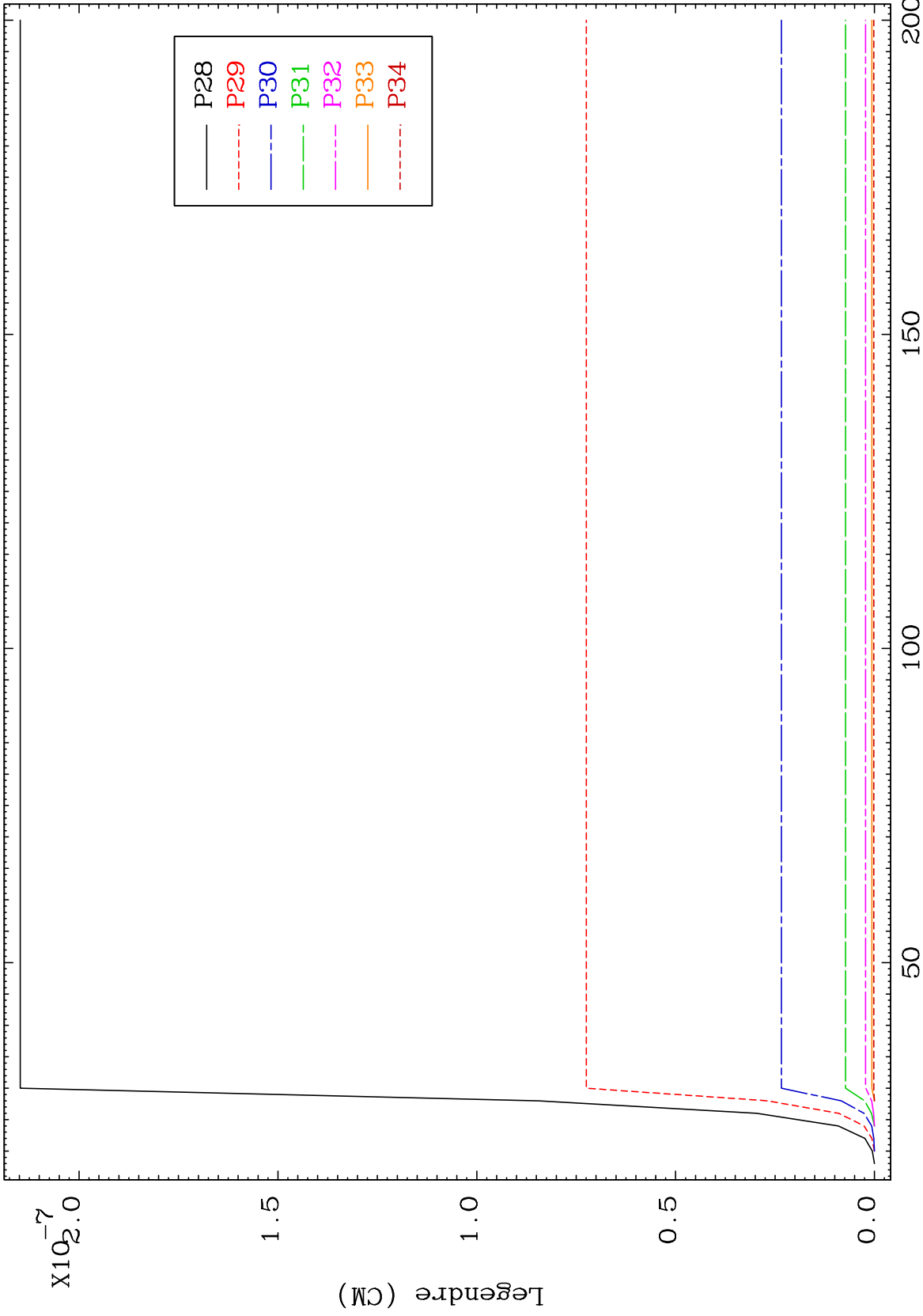
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



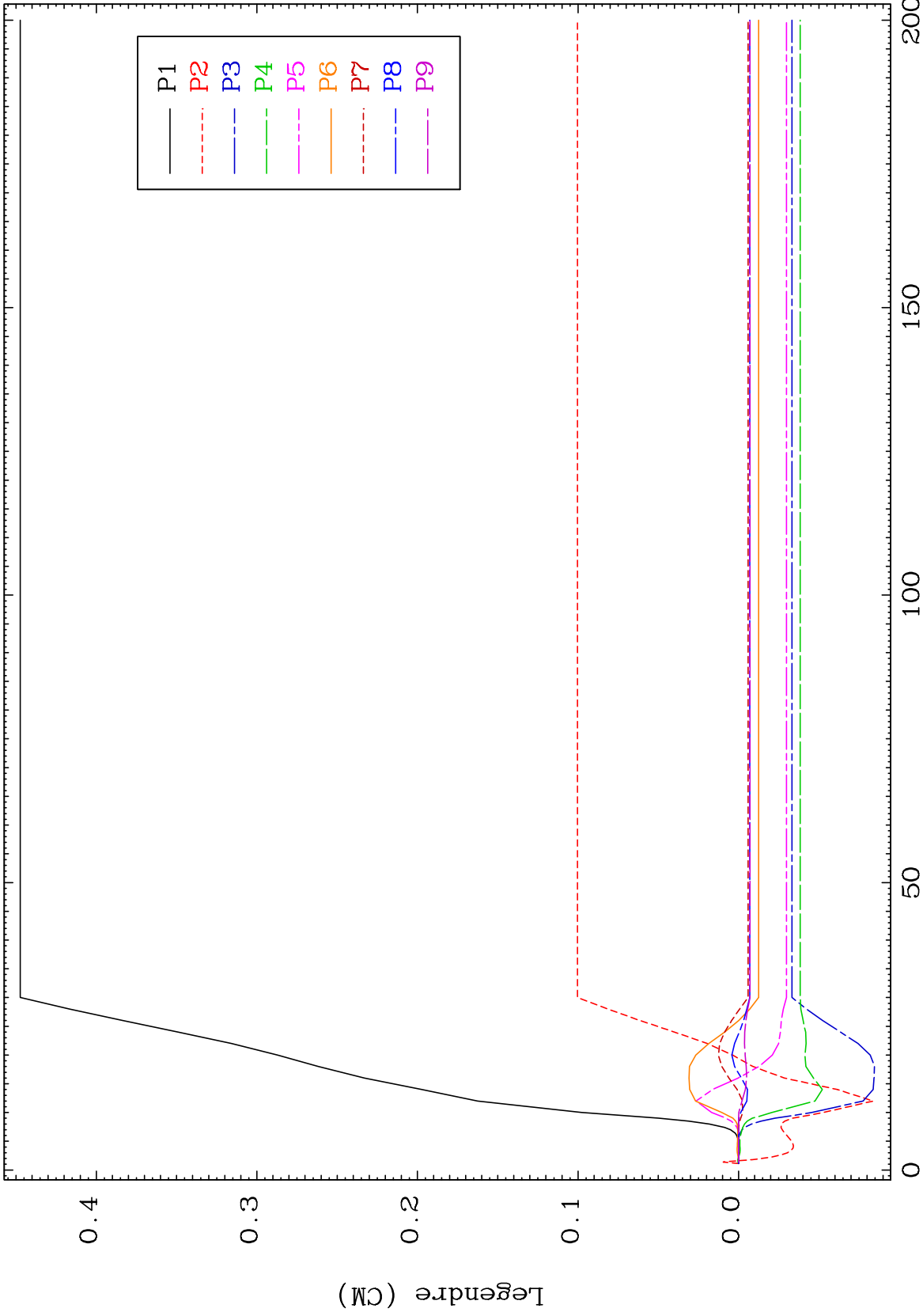
51

34-Se-83

MAT 3452

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

34-Se-83



52

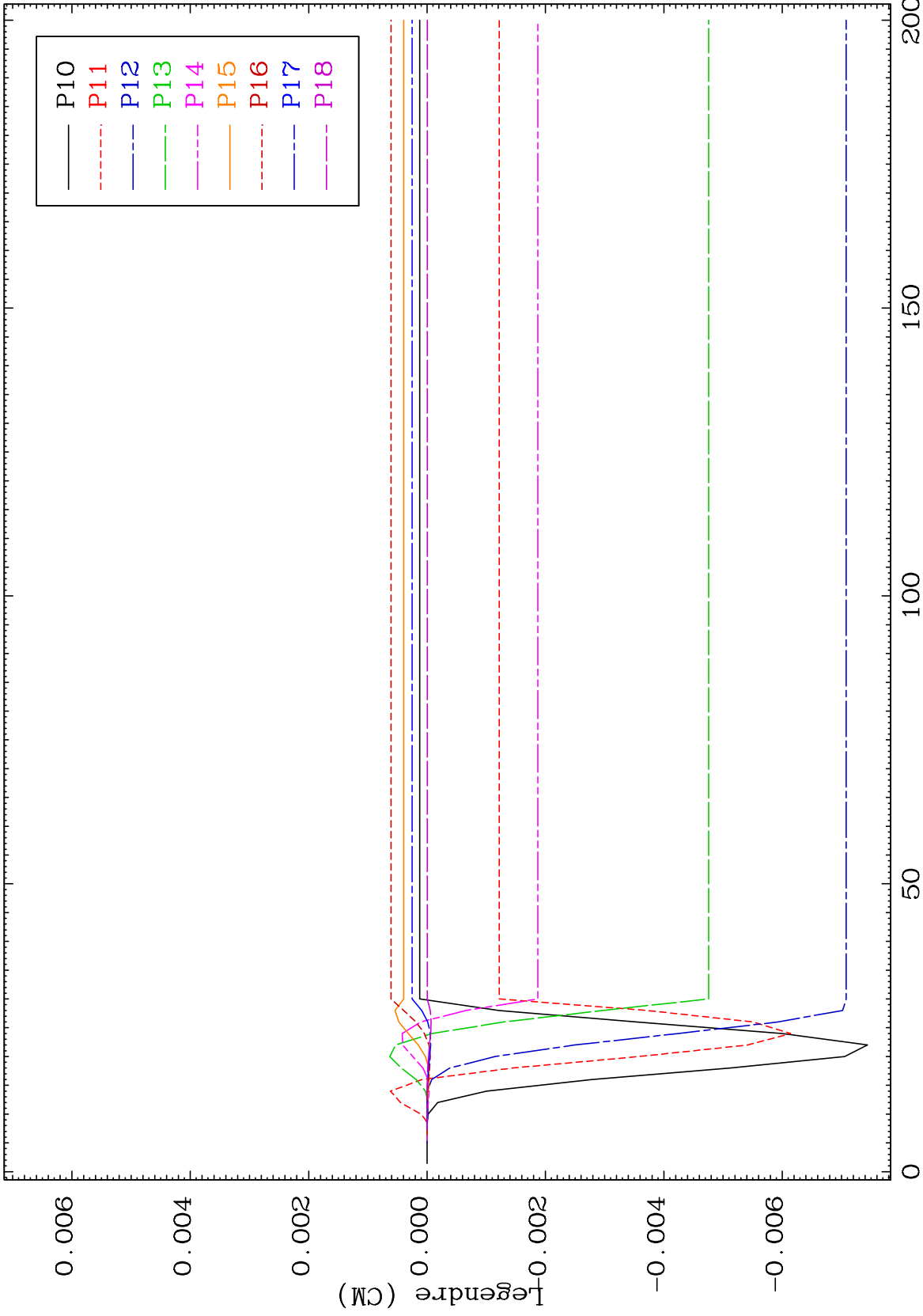
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



53

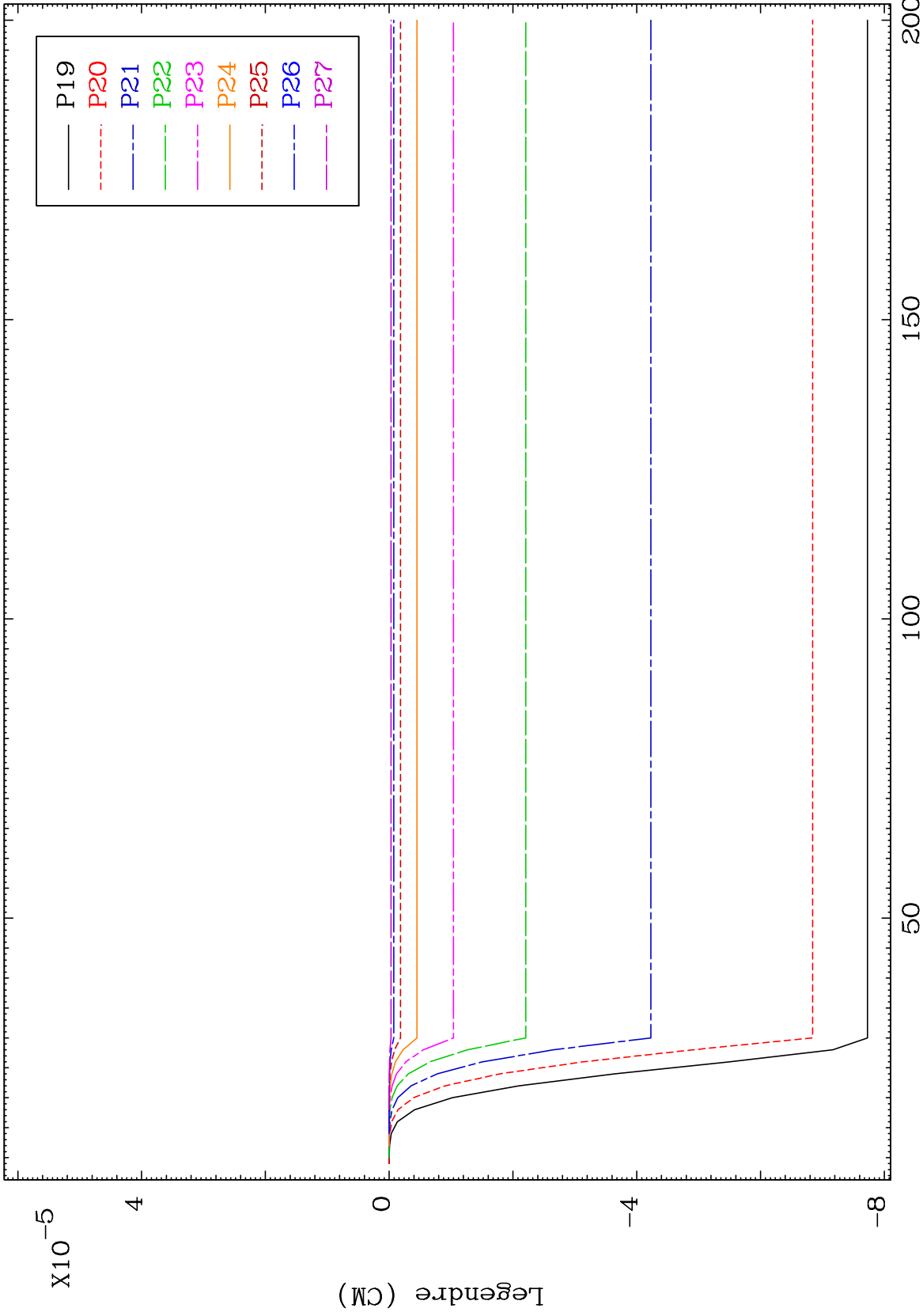
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



54

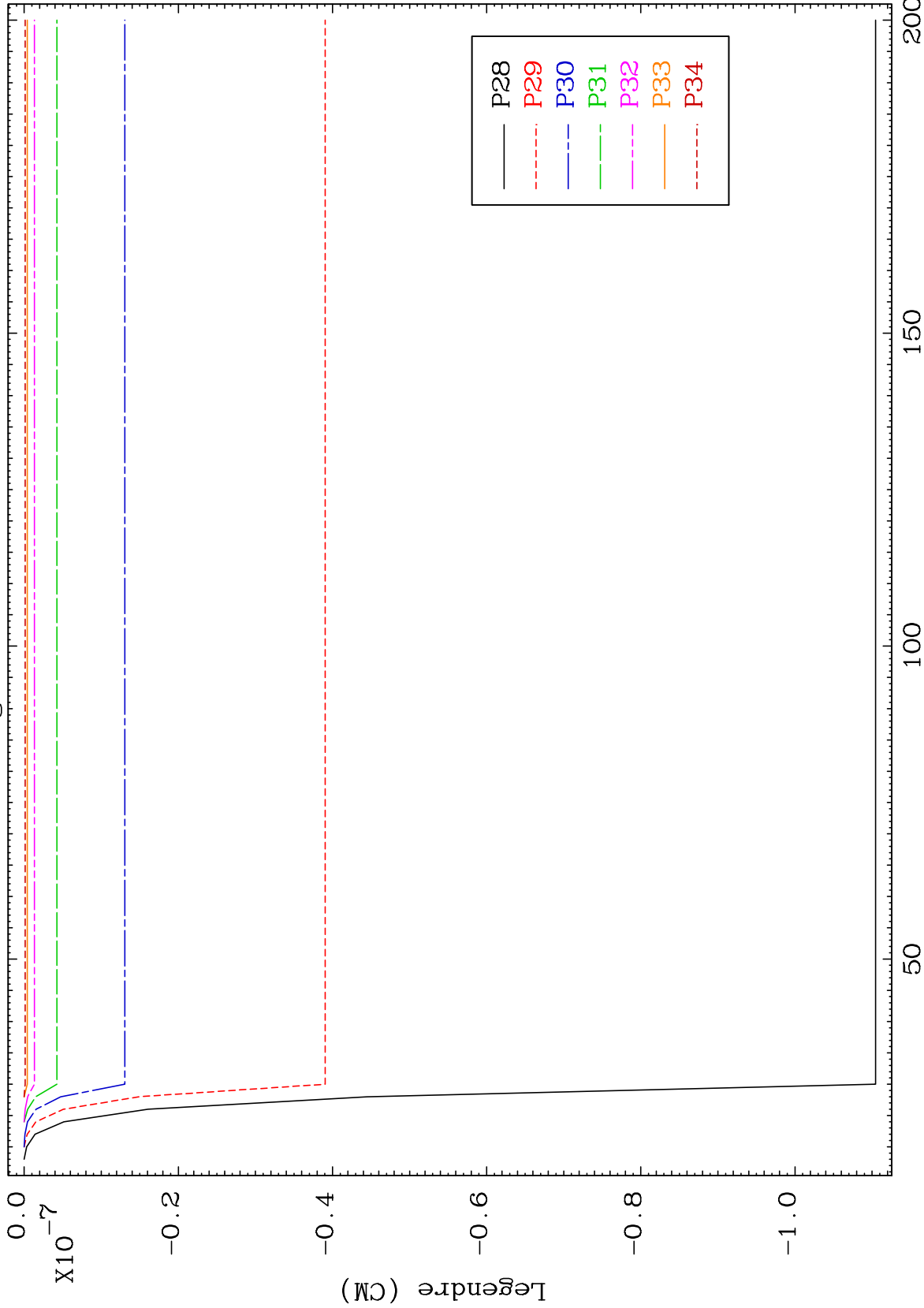
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



55

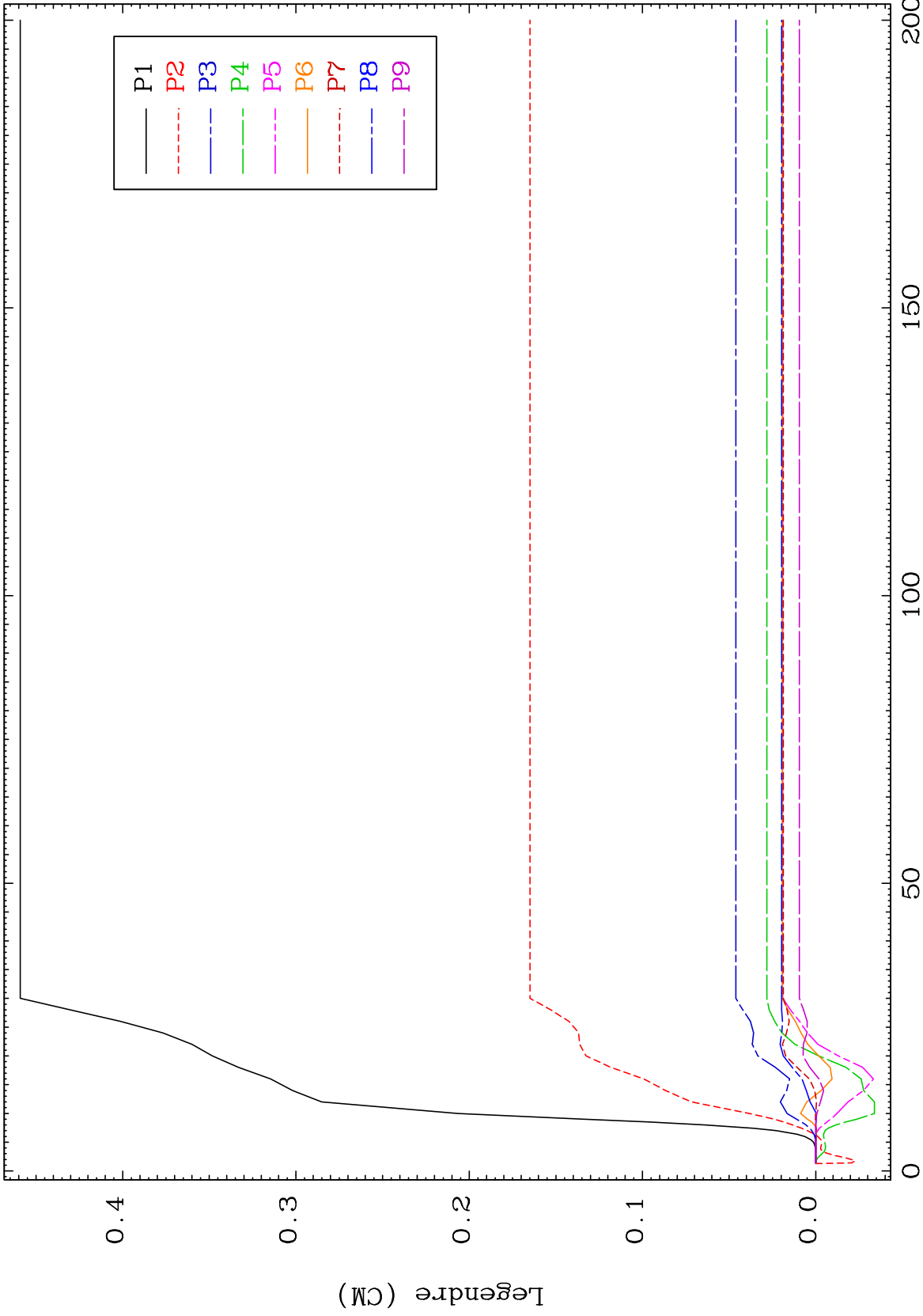
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



56

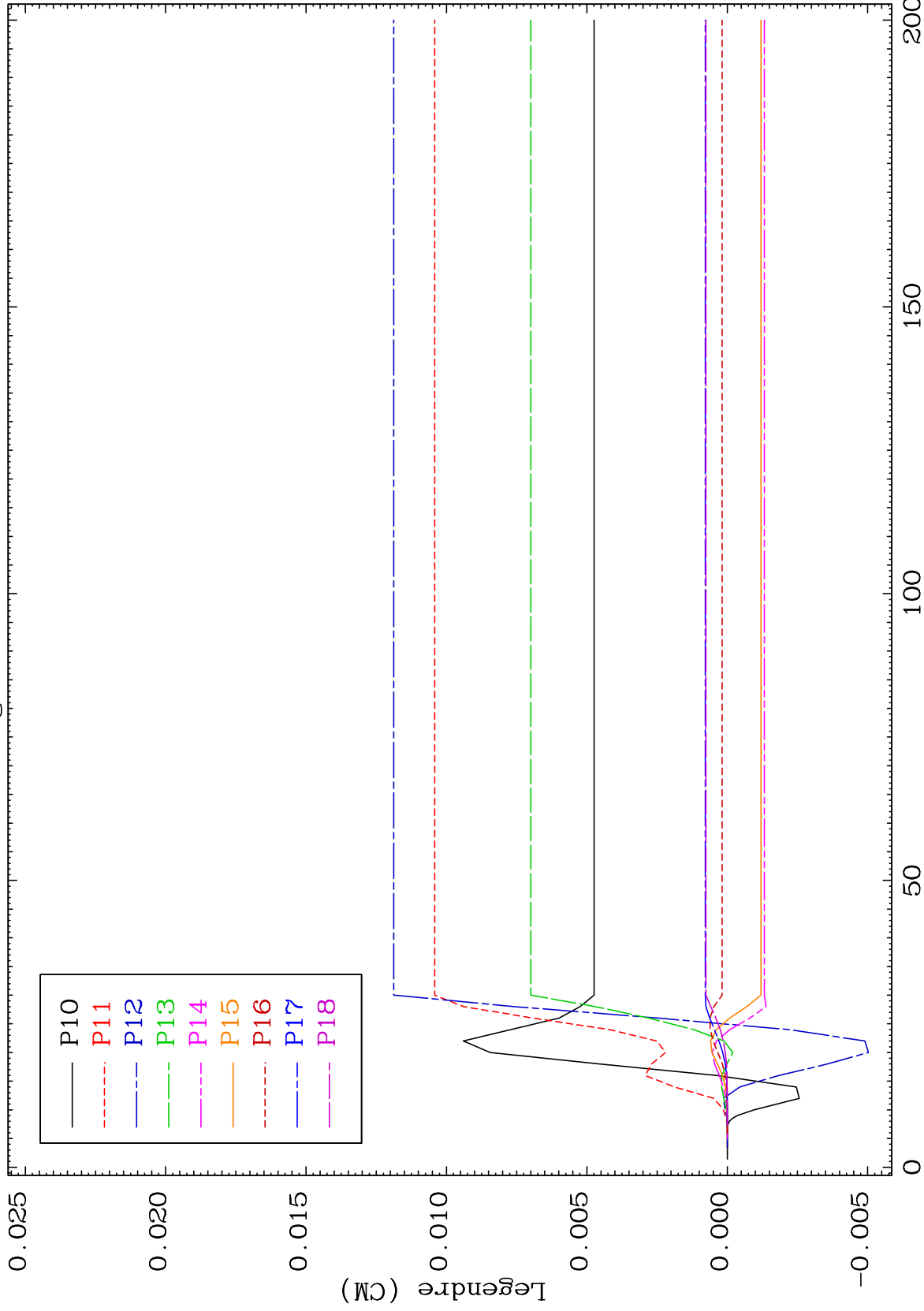
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



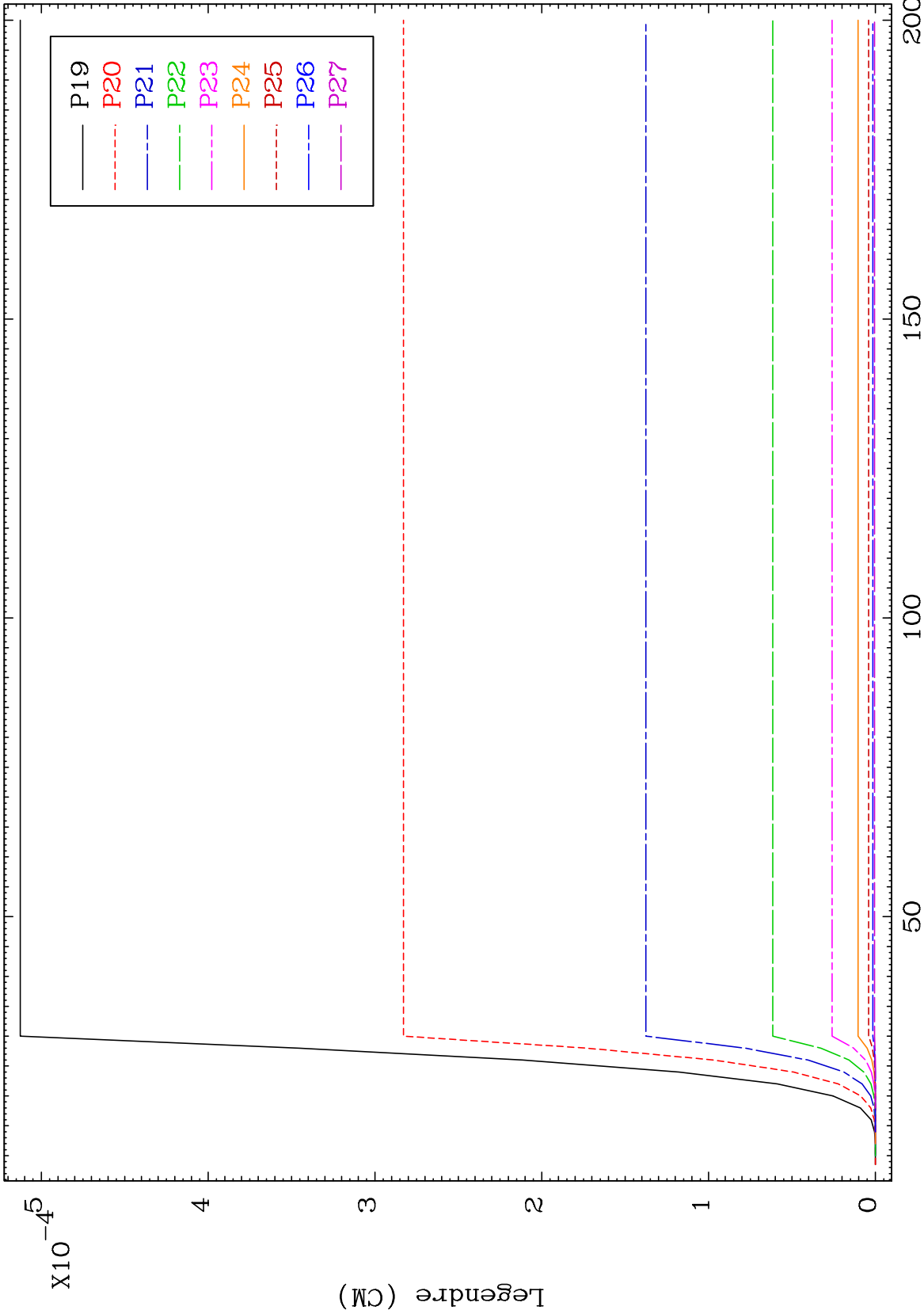
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34-Se-83

MAT 3452

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

34-Se-83



58

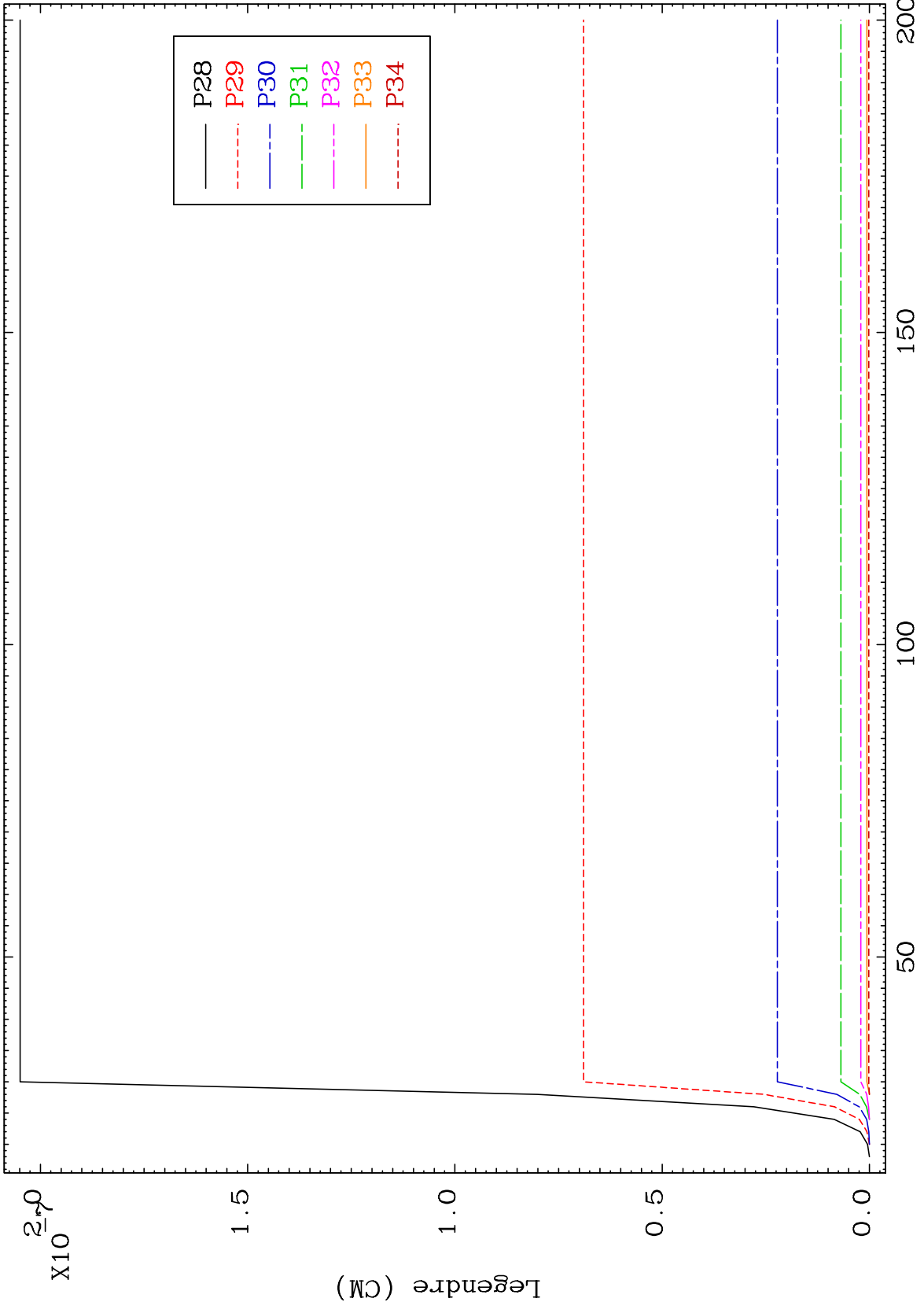
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



59

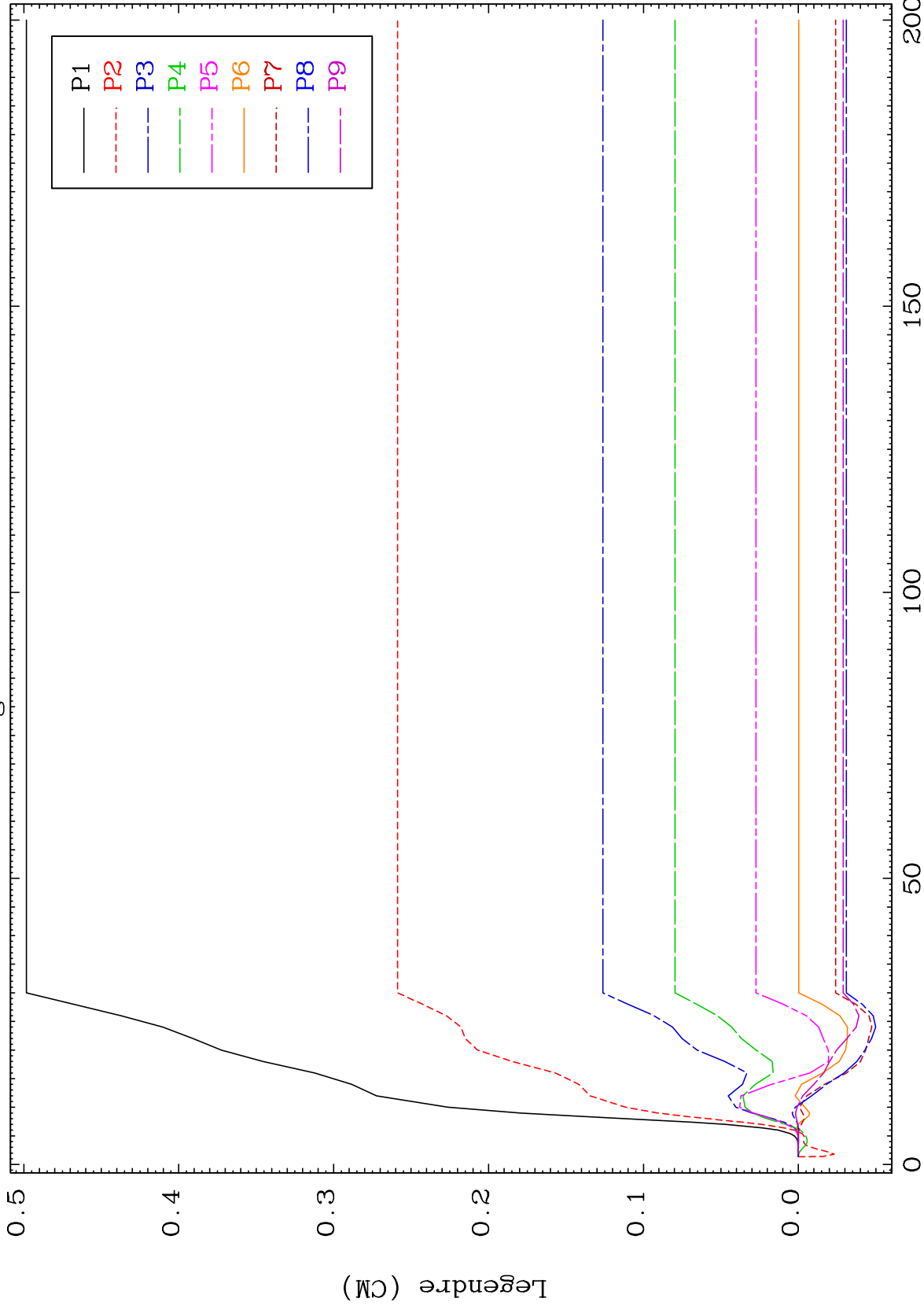
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



60

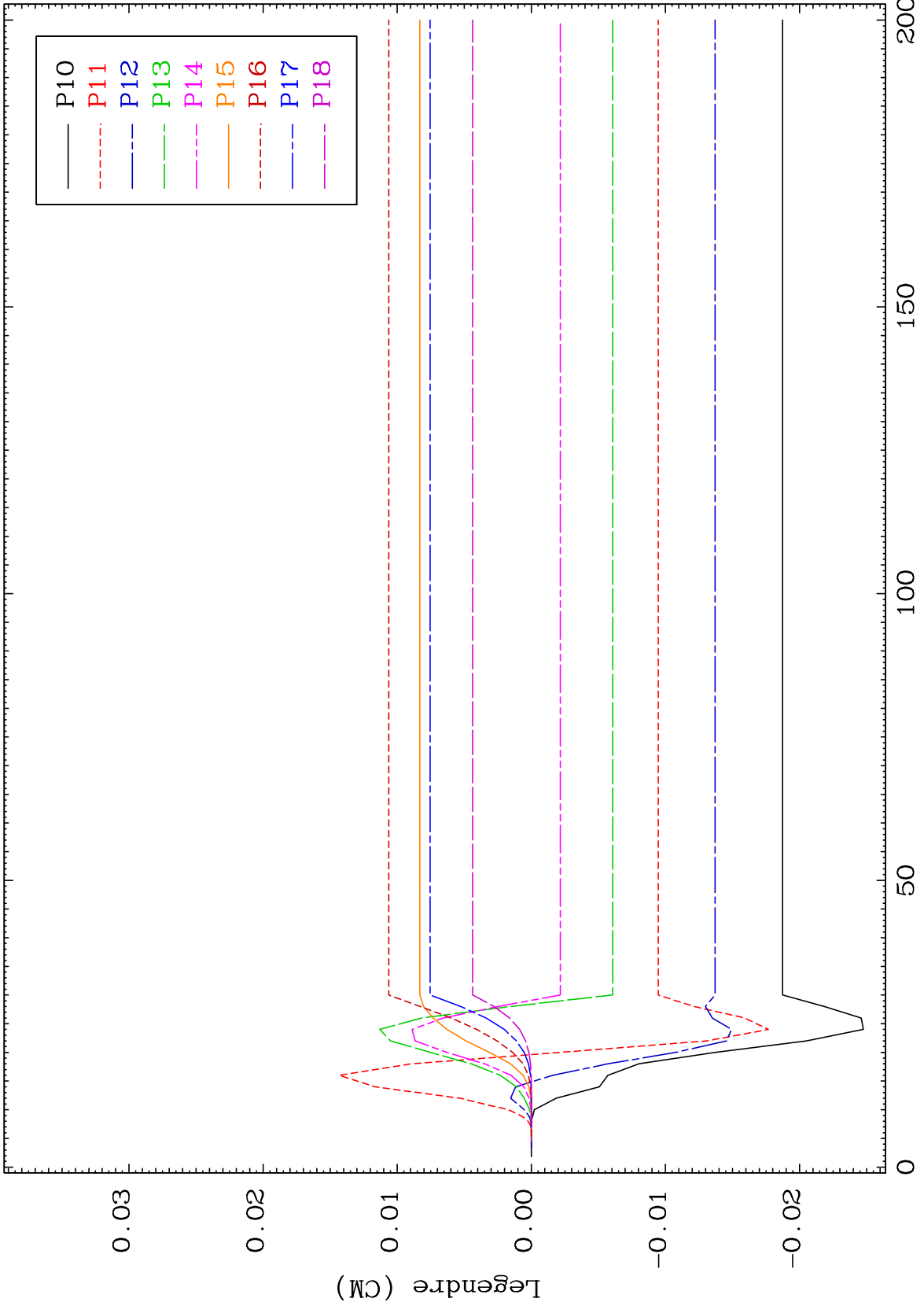
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



61

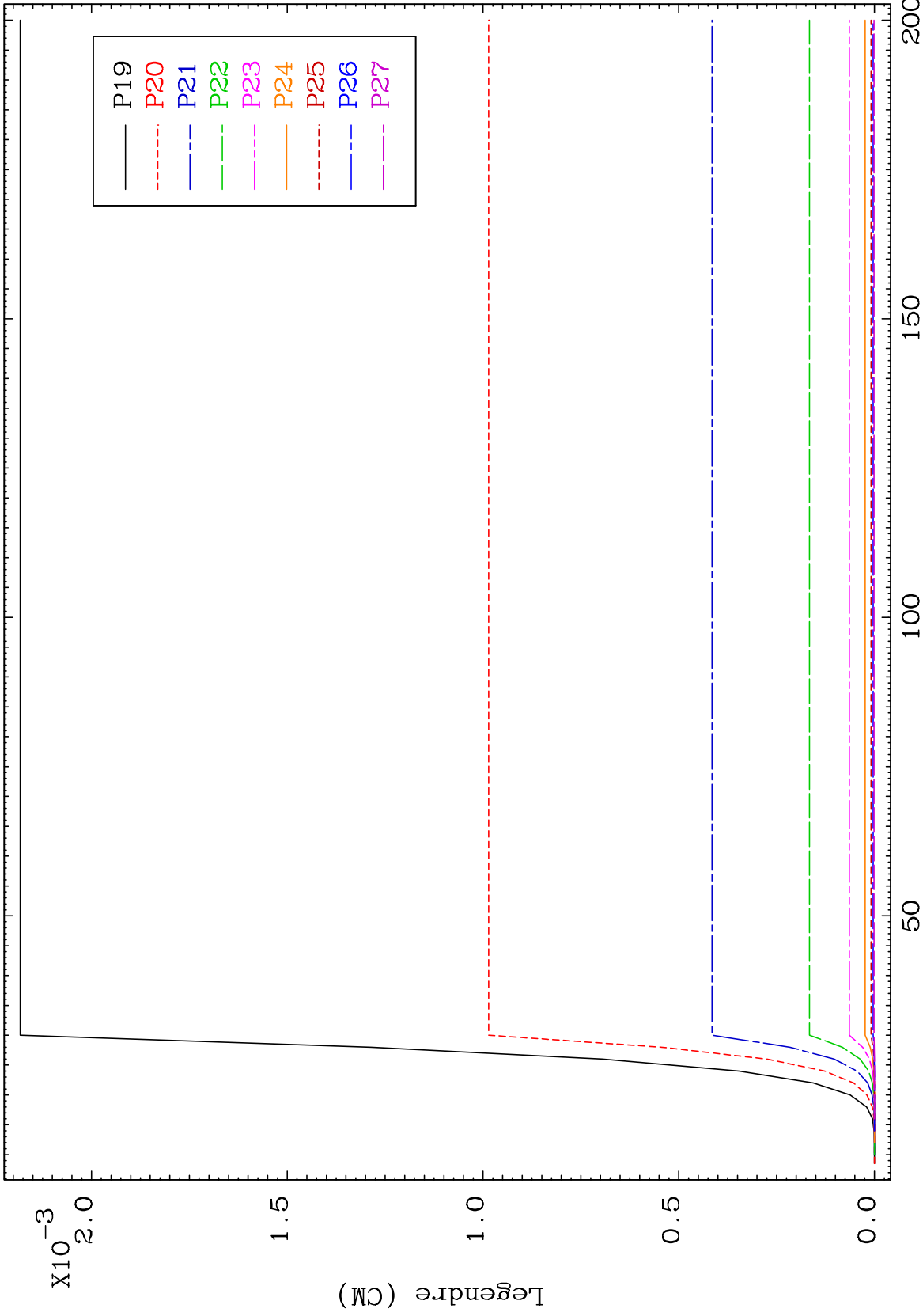
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



62

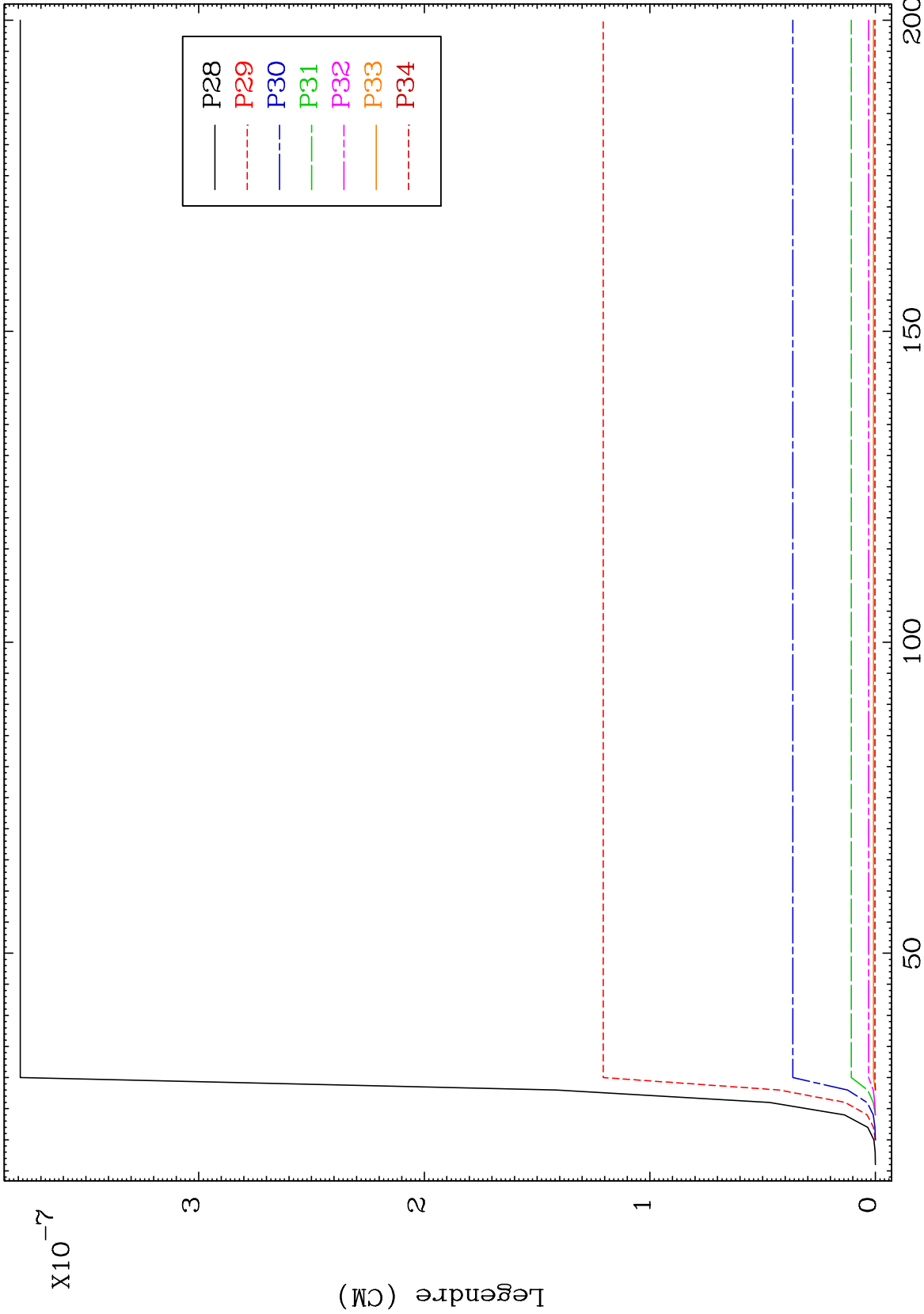
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



63

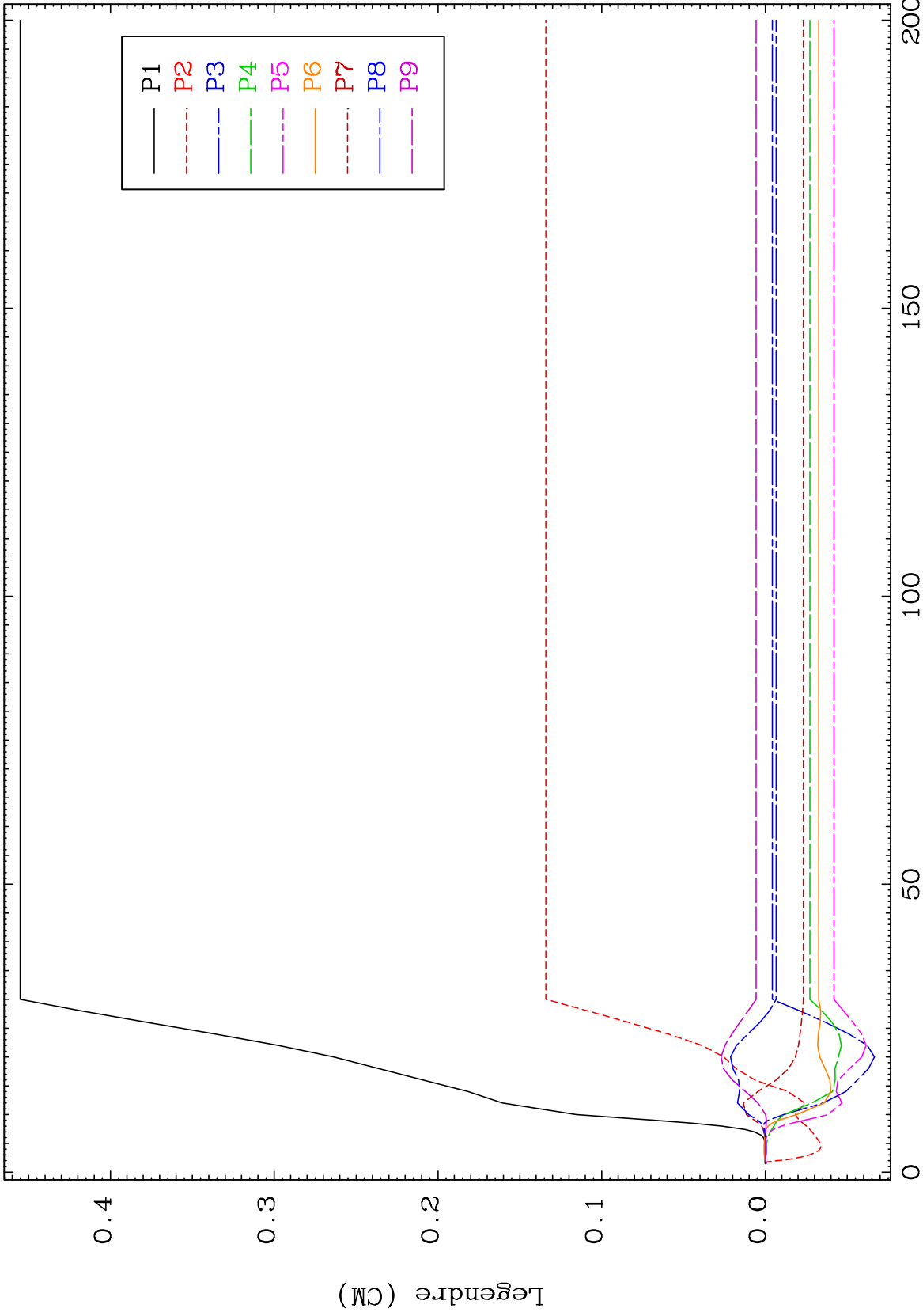
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



64

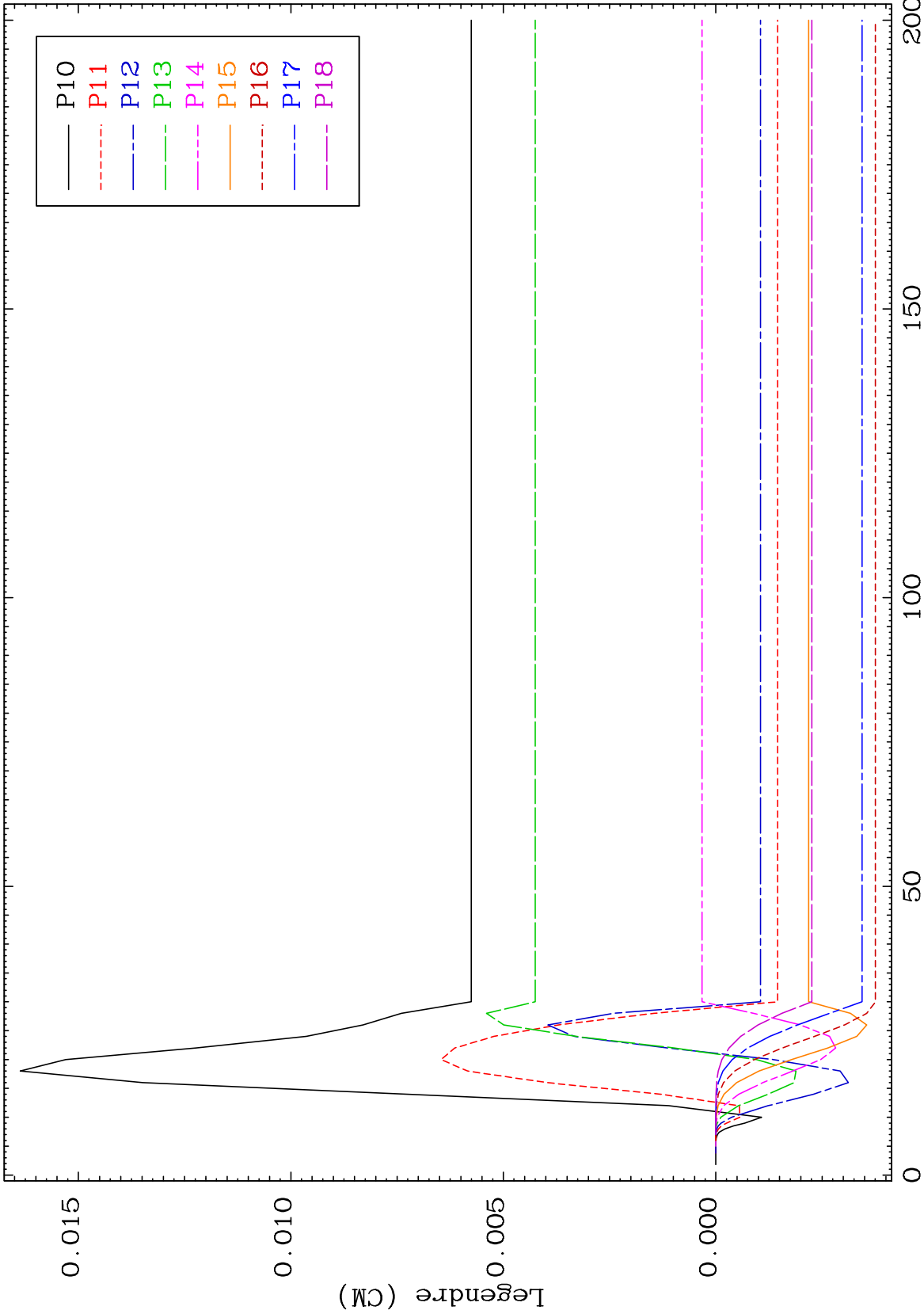
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



65

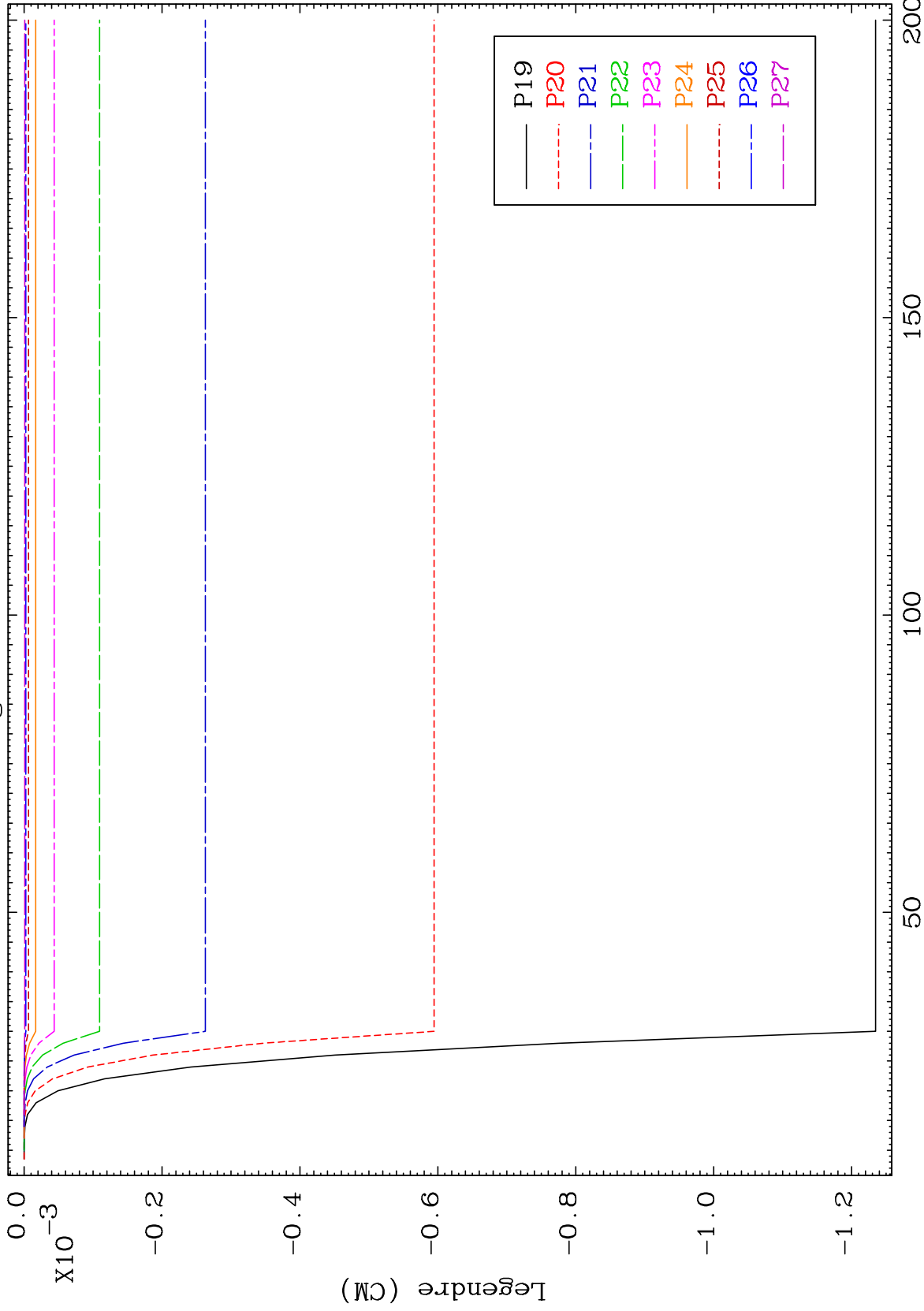
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



66

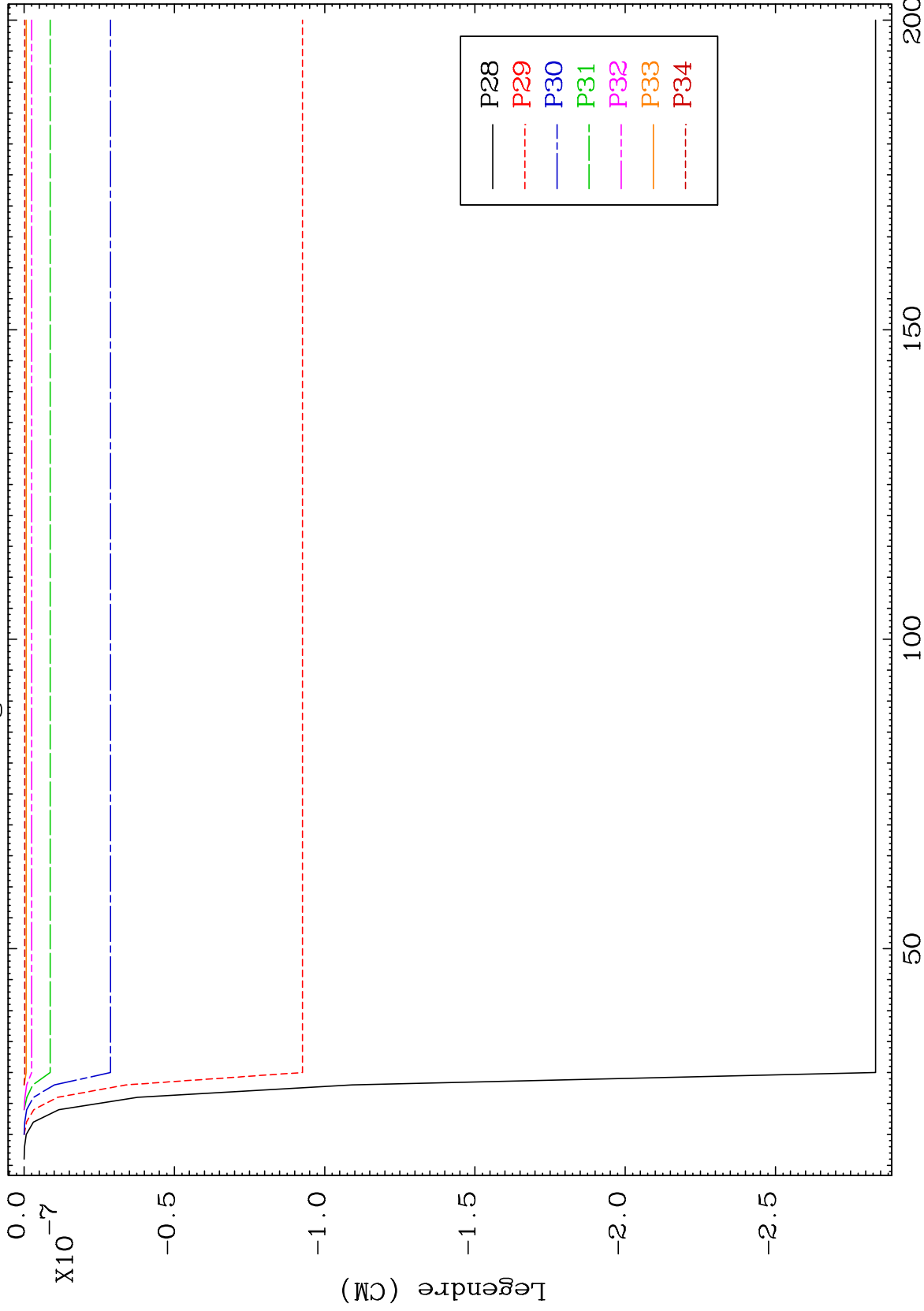
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



67

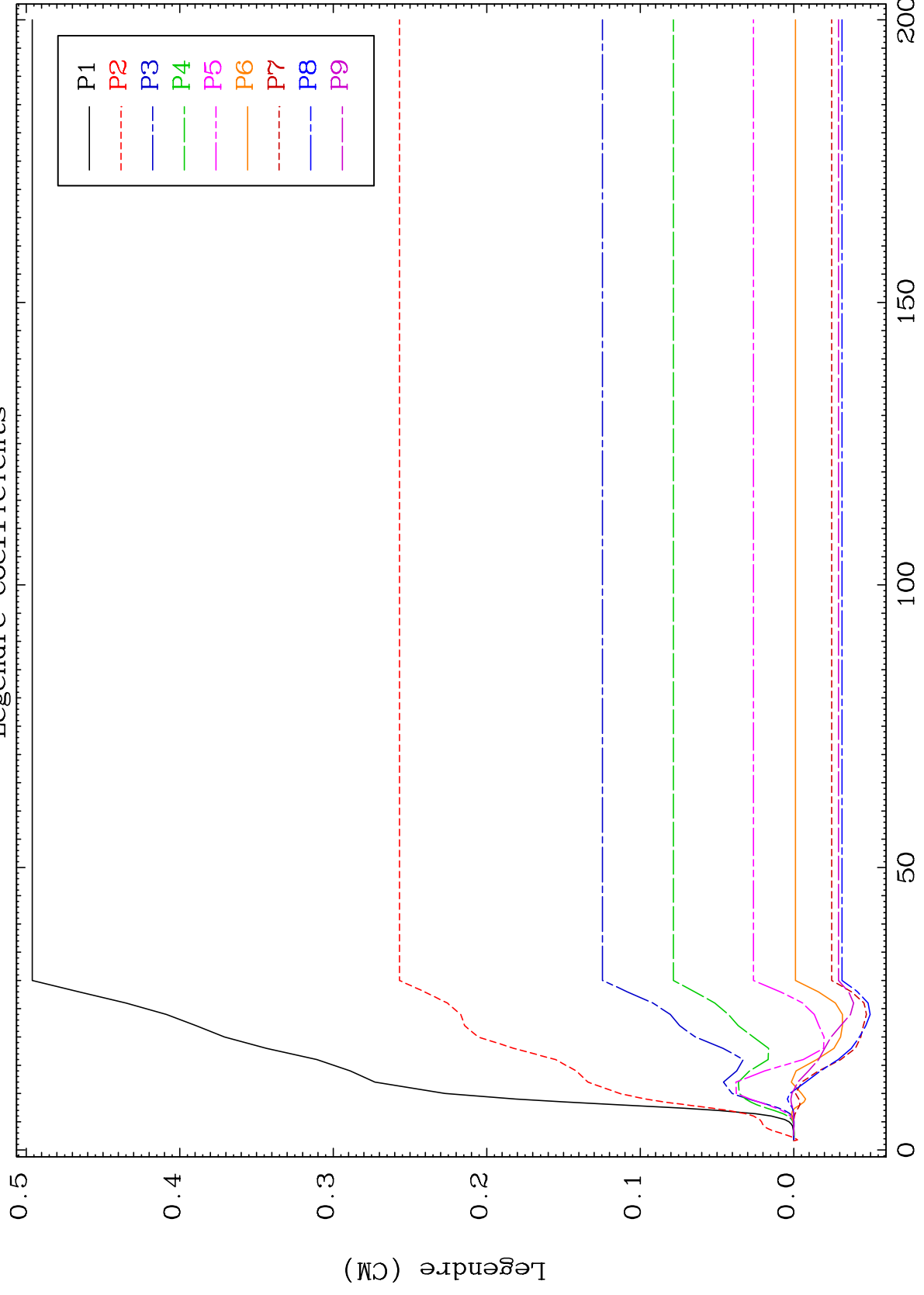
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



68

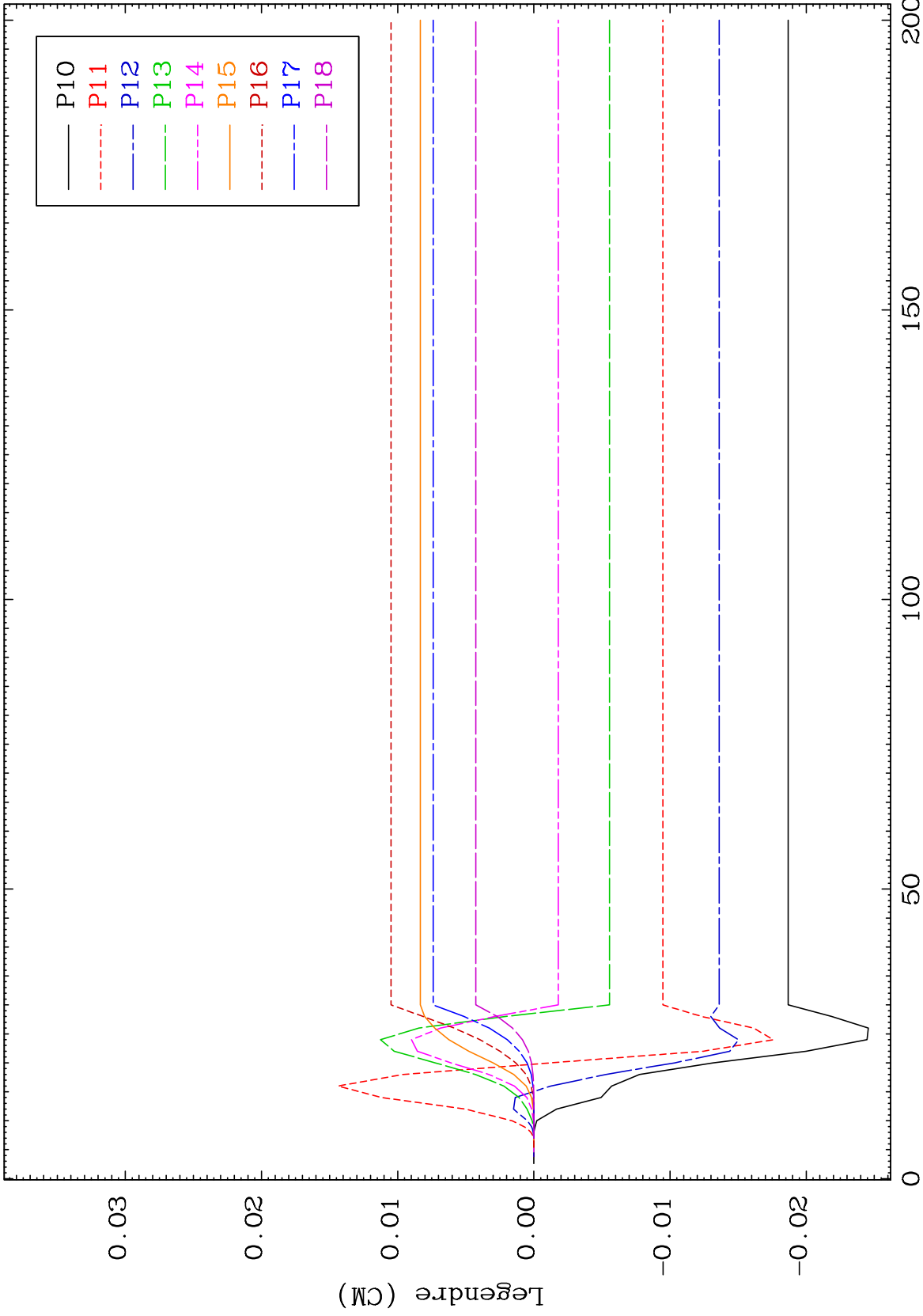
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



69

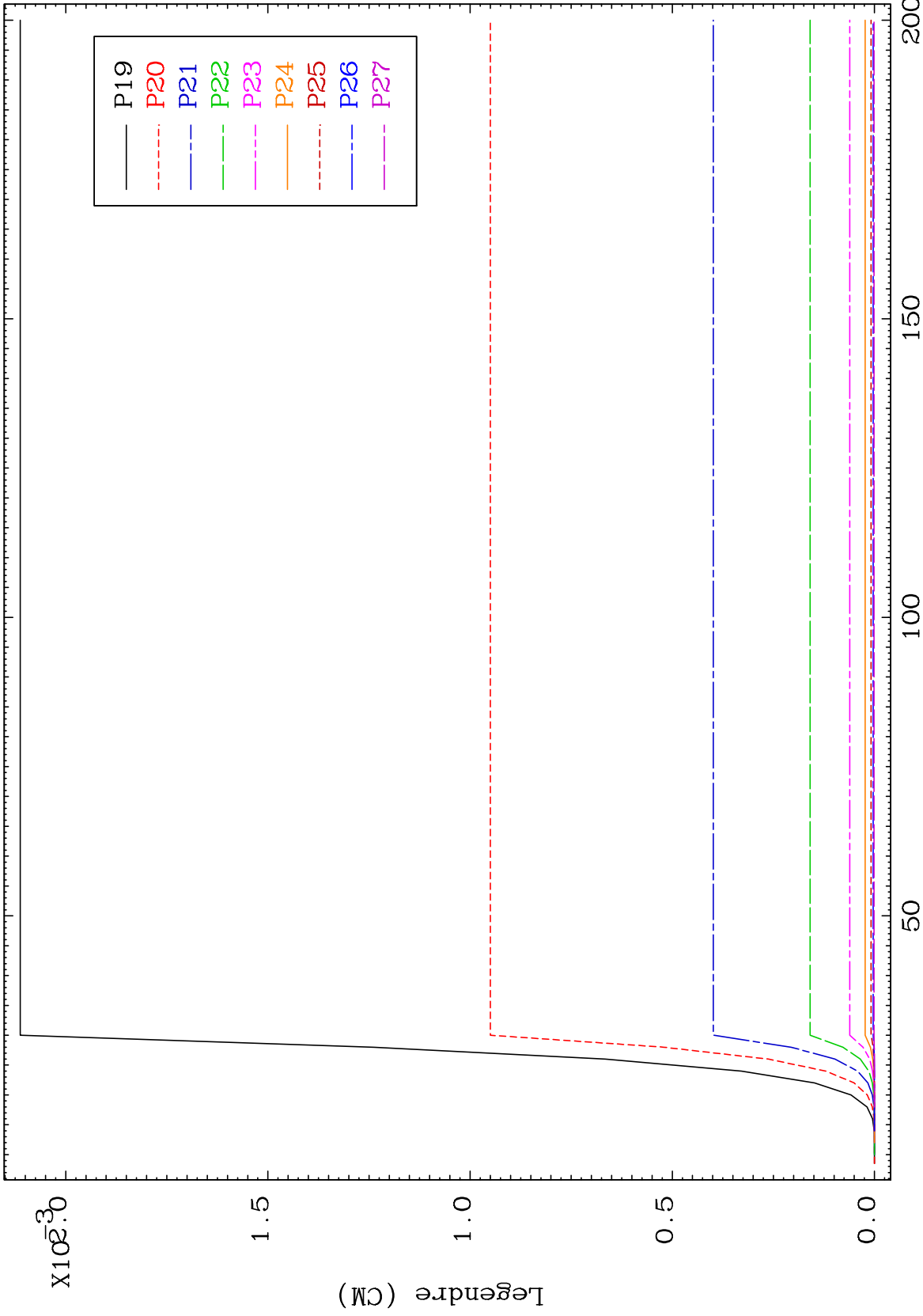
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



70

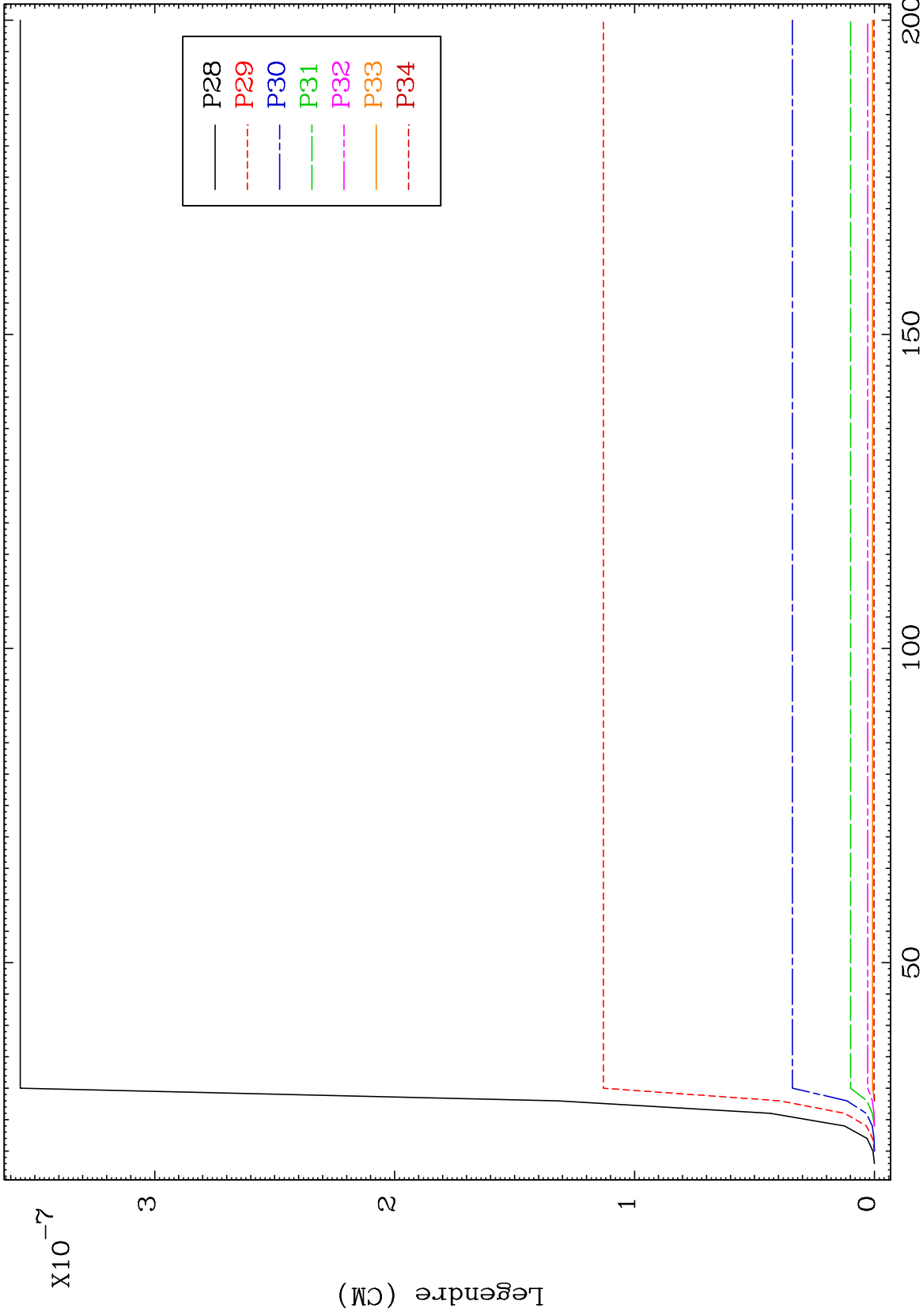
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



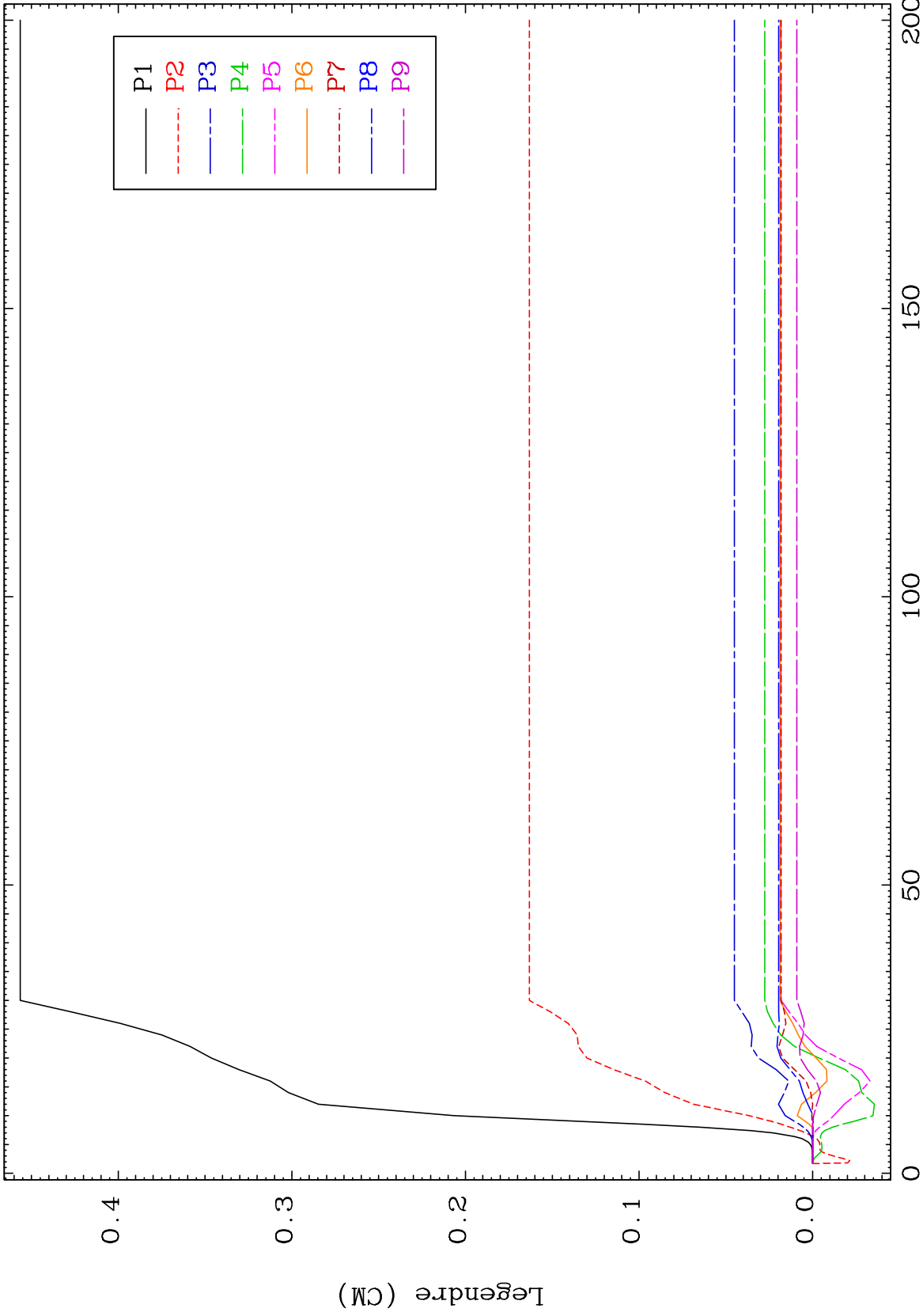
71

34-Se-83

MAT 3452

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

34-Se-83



72

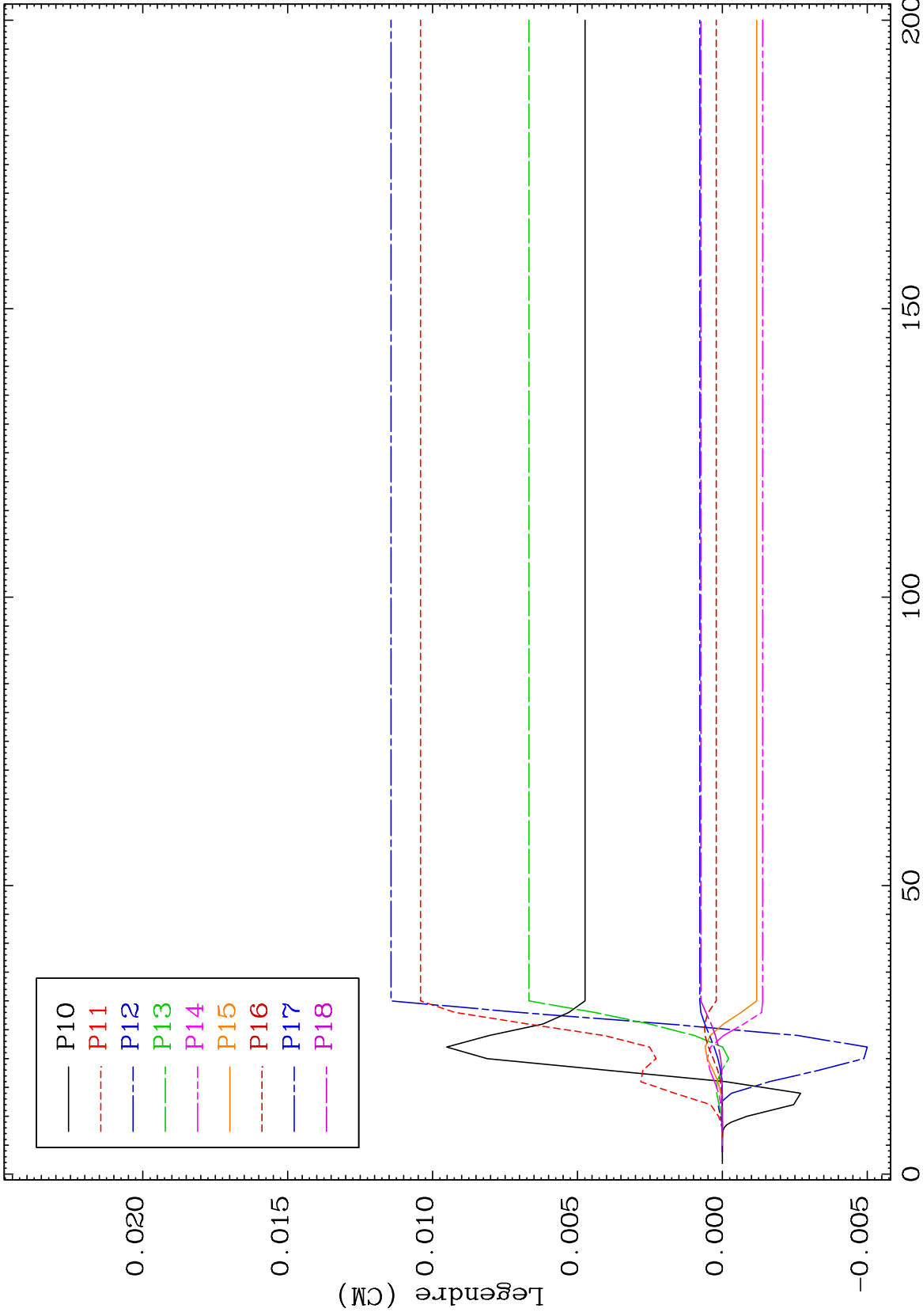
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



73

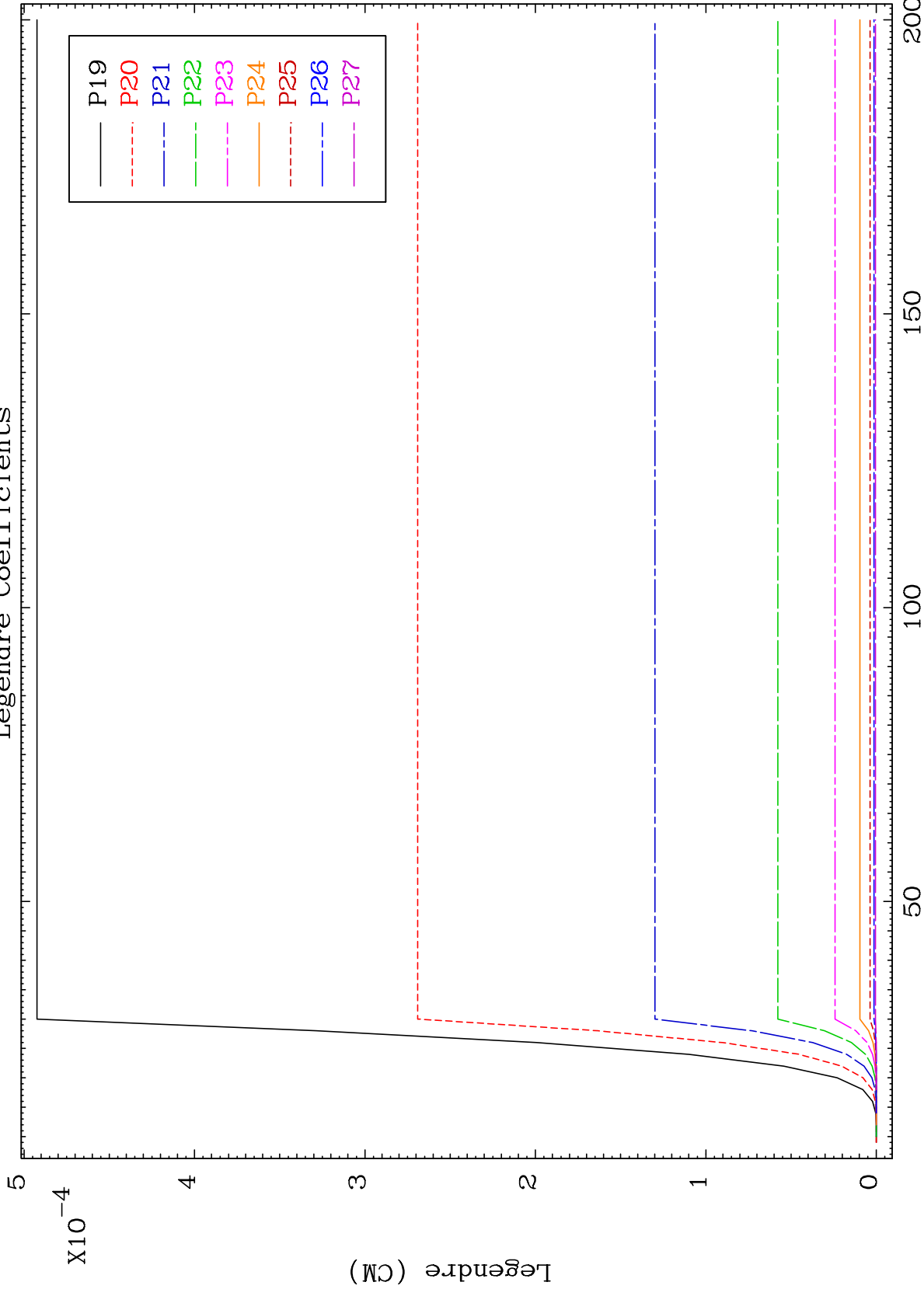
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



74

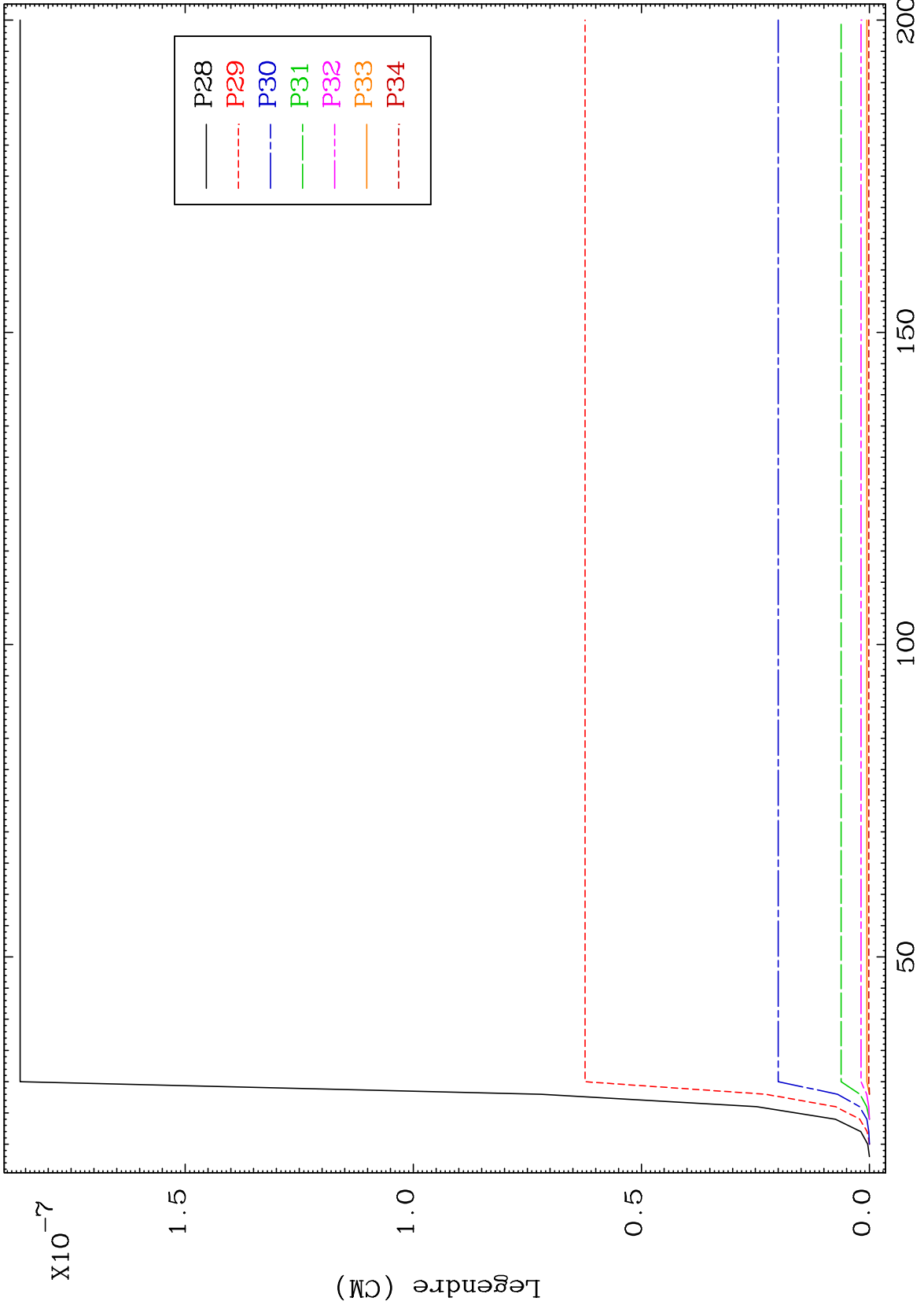
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



75

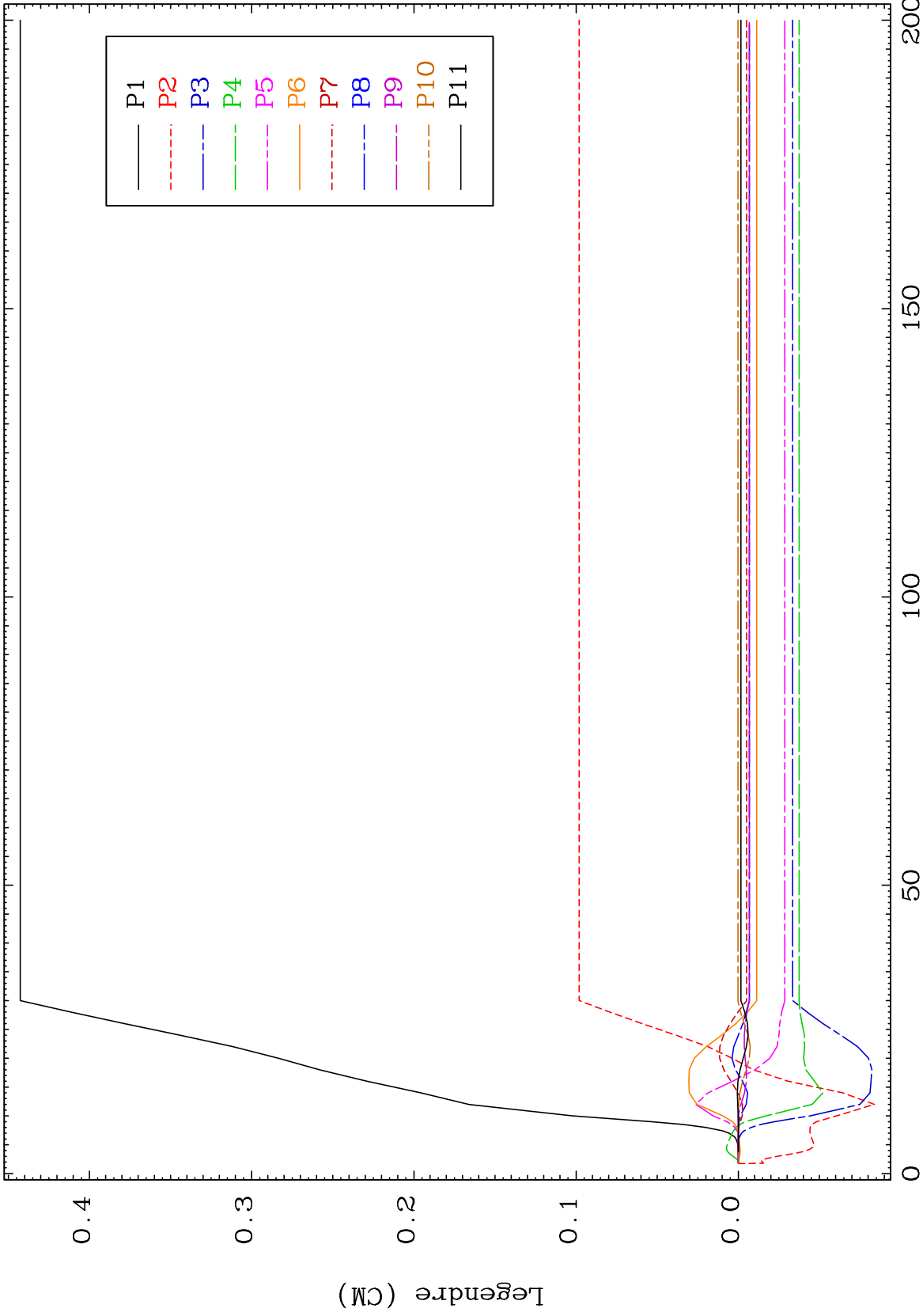
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



76

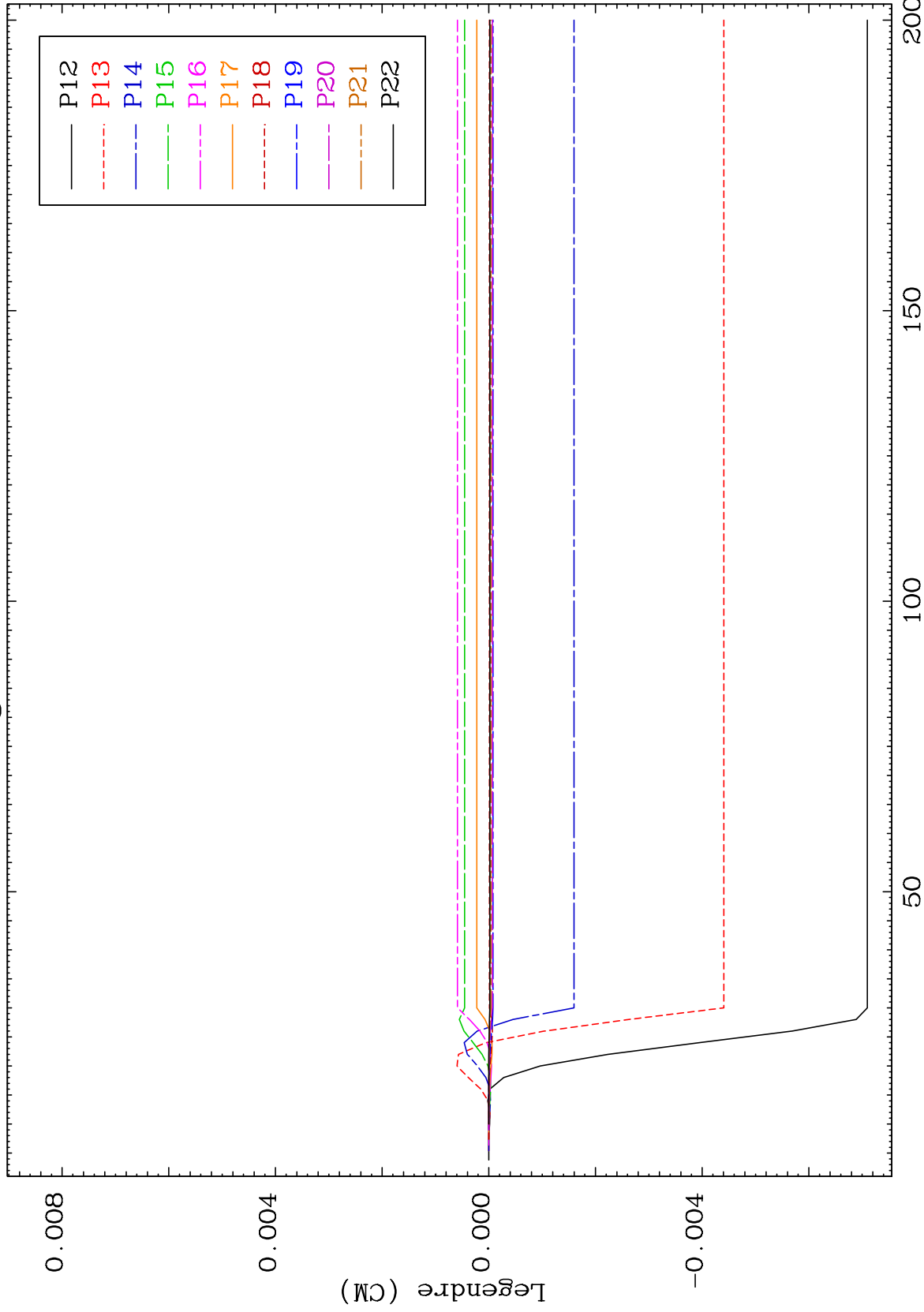
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



77

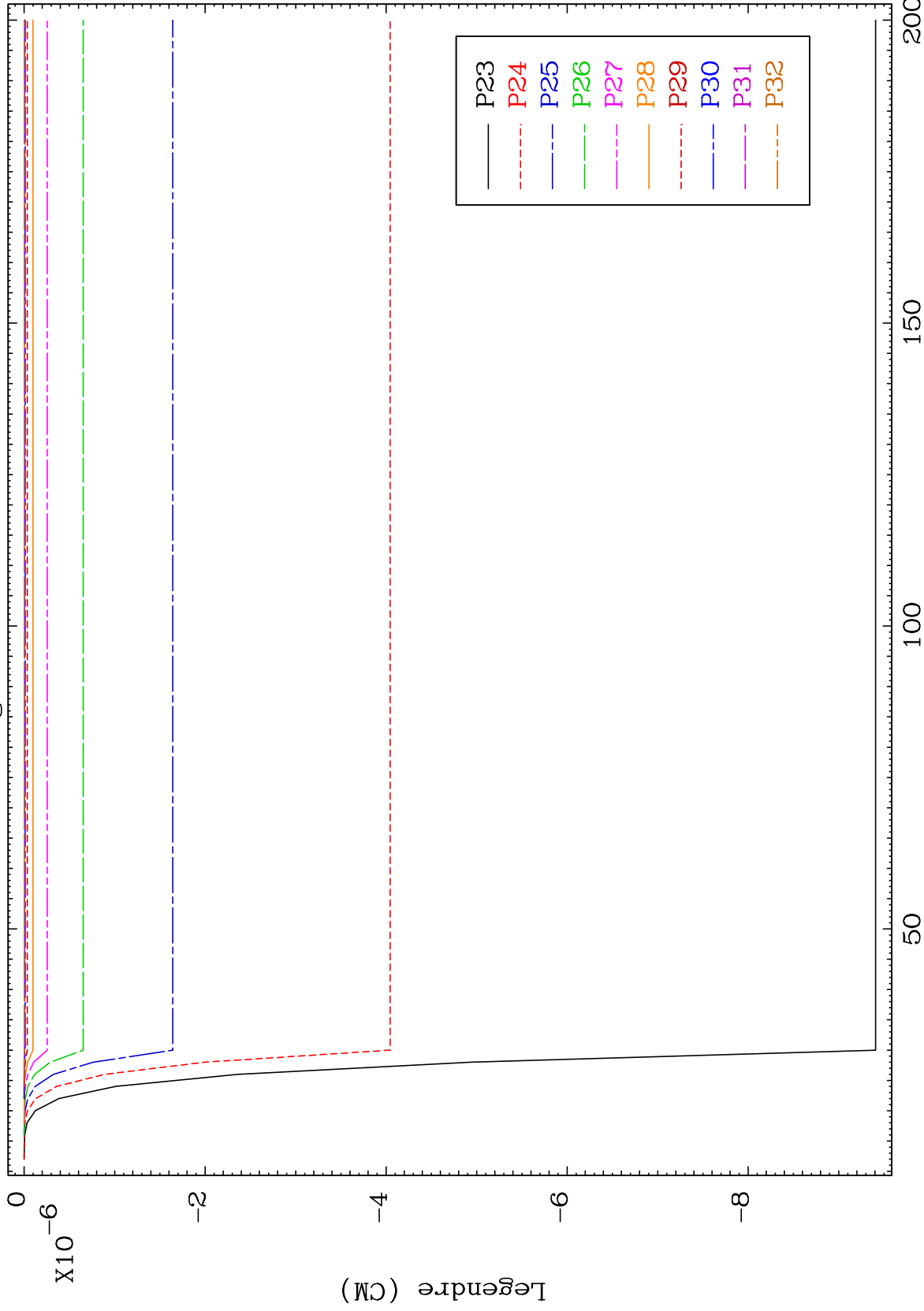
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



34-Se-83

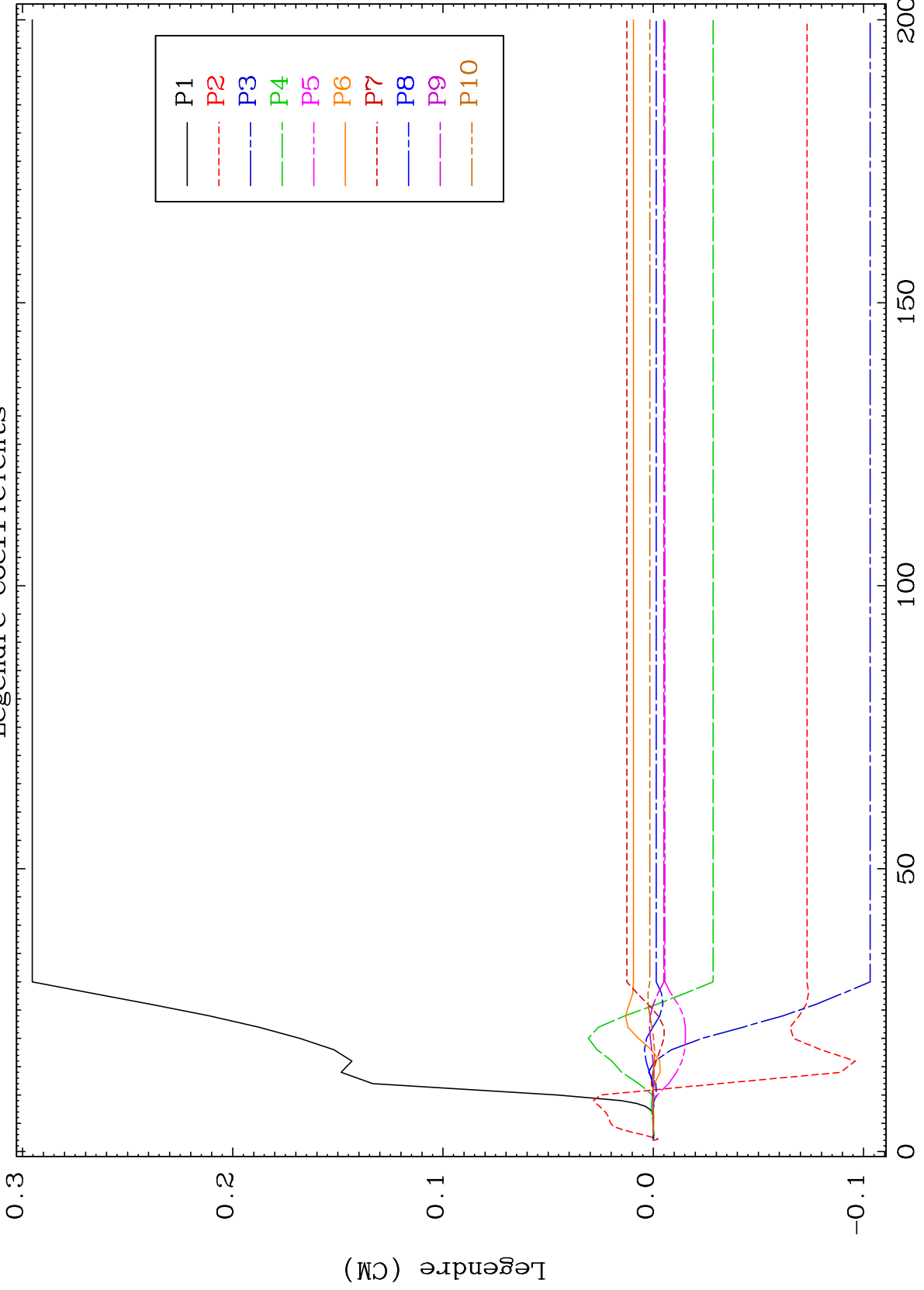
Incident Energy (MeV)

78

MAT 3452

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

34-Se-83



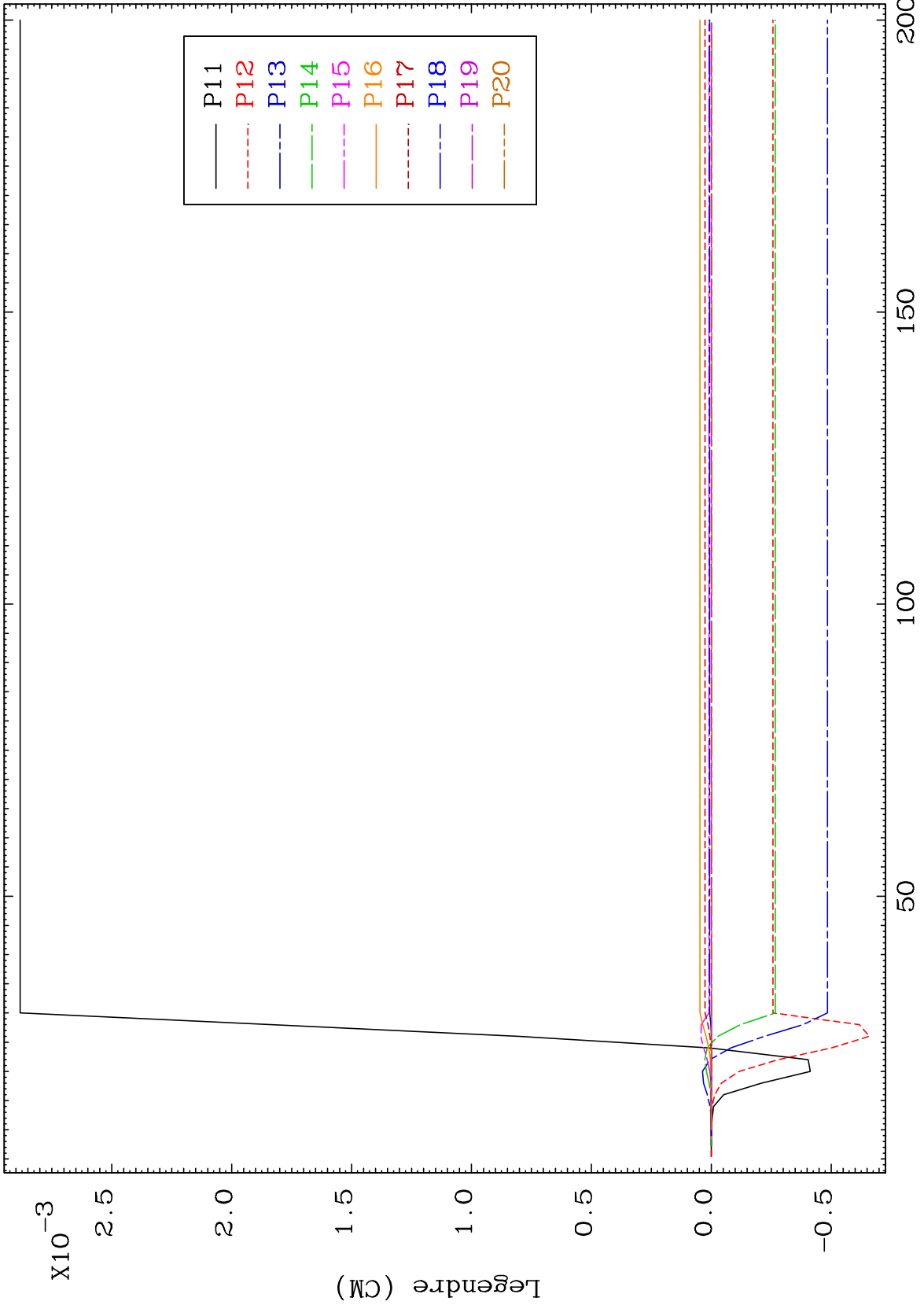
79

34-Se-83

MAT 3452

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

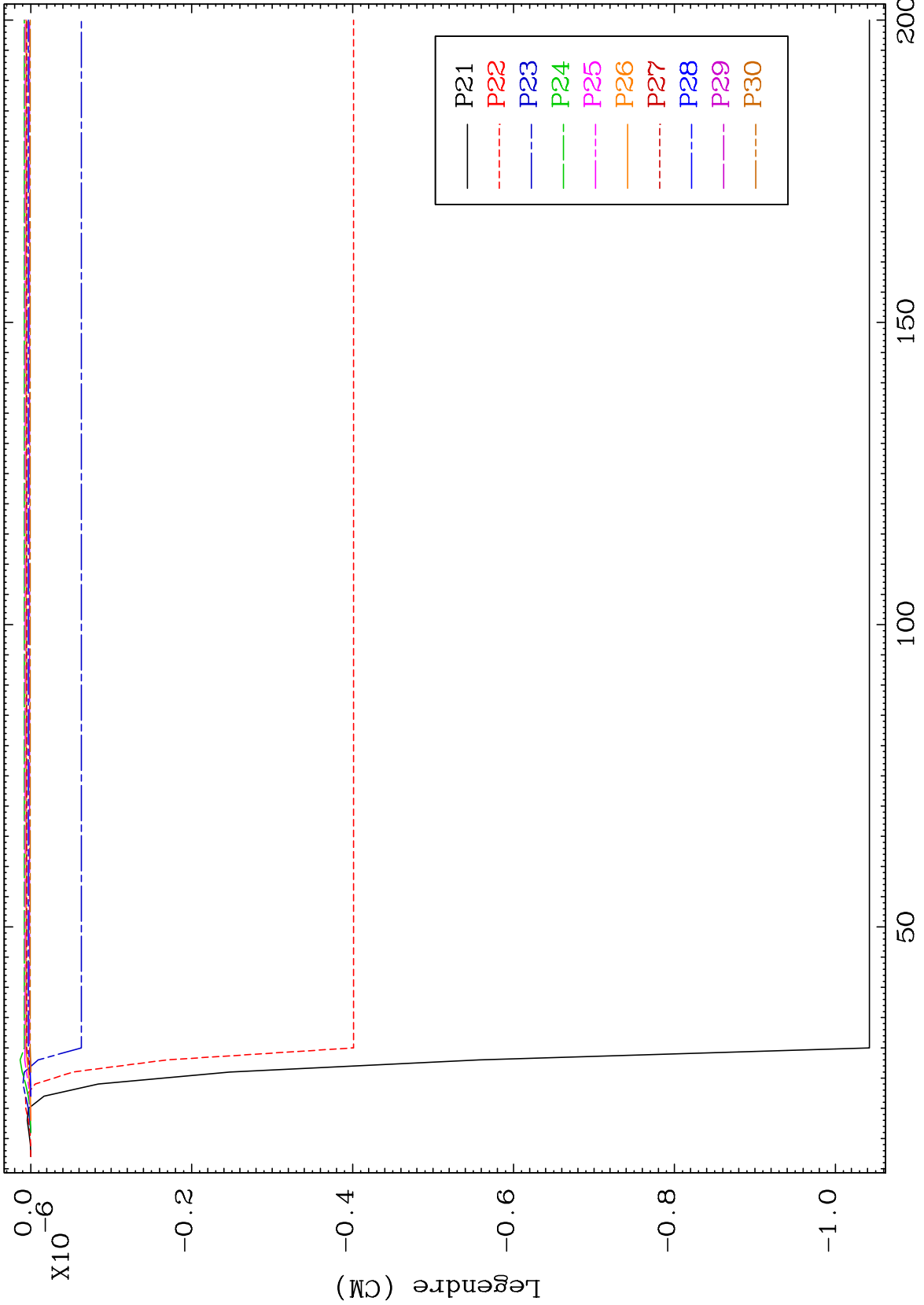
34-Se-83



80

Incident Energy (MeV)

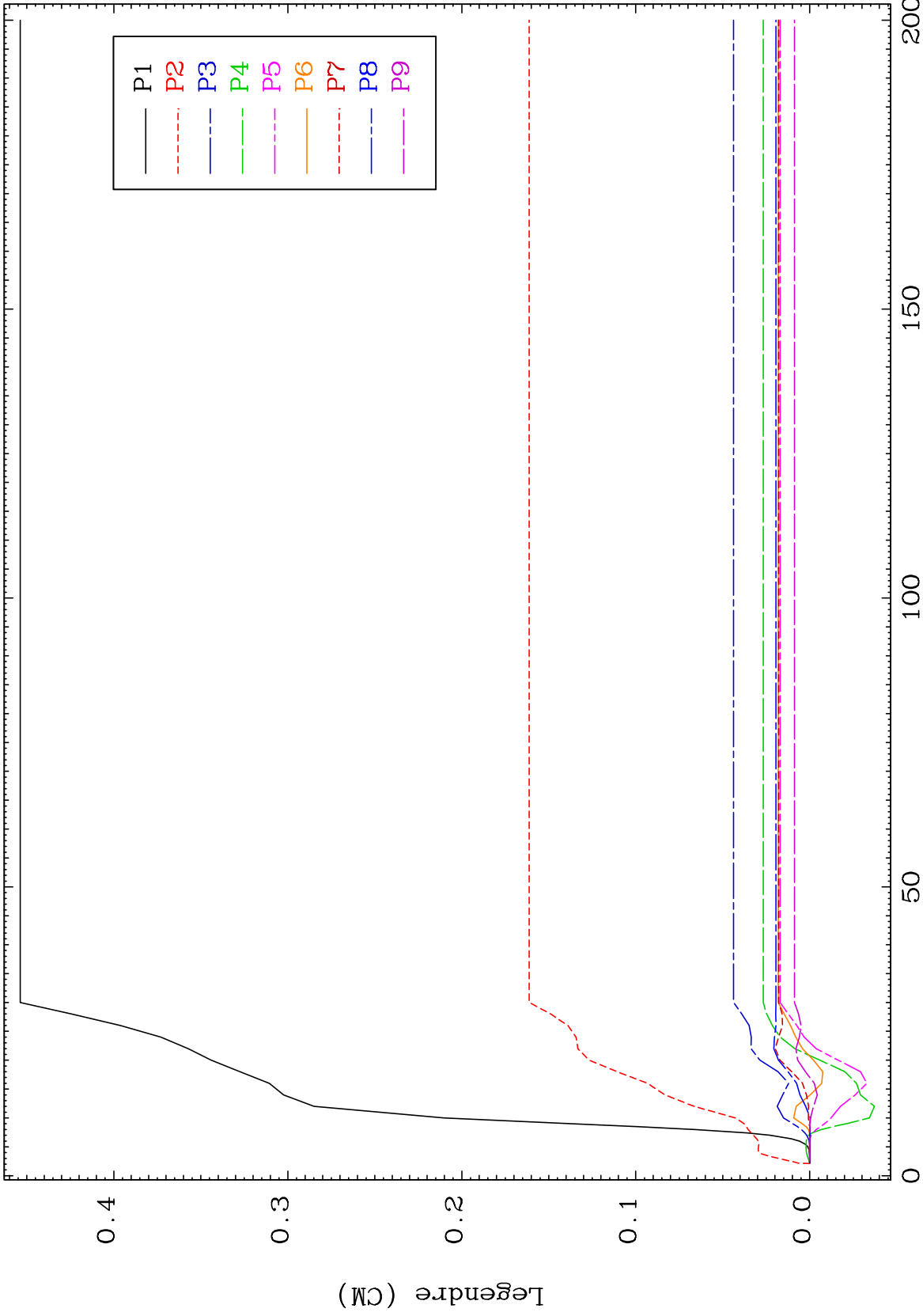
34-Se-83



MAT 3452

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

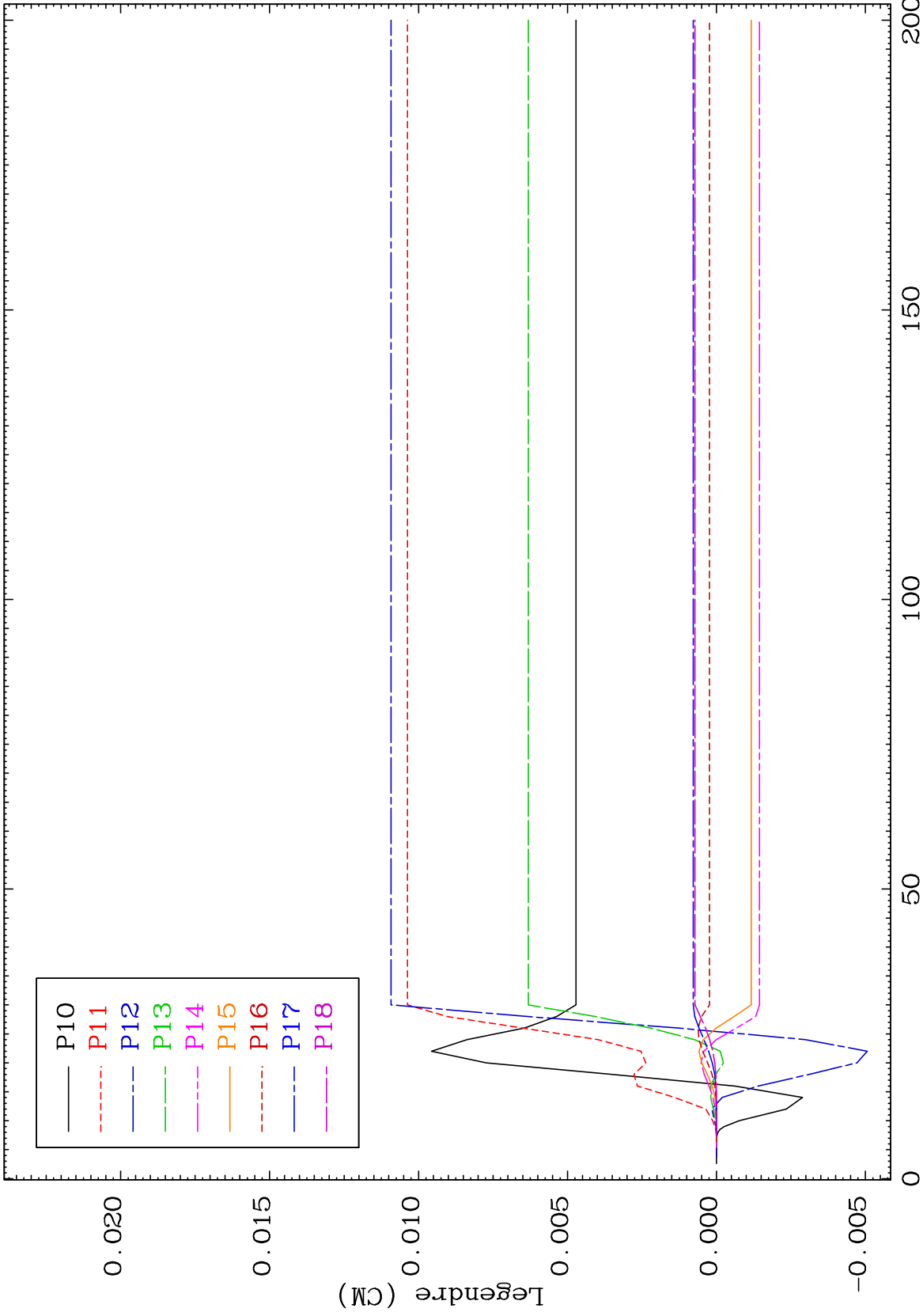
34-Se-83



82

Incident Energy (MeV)

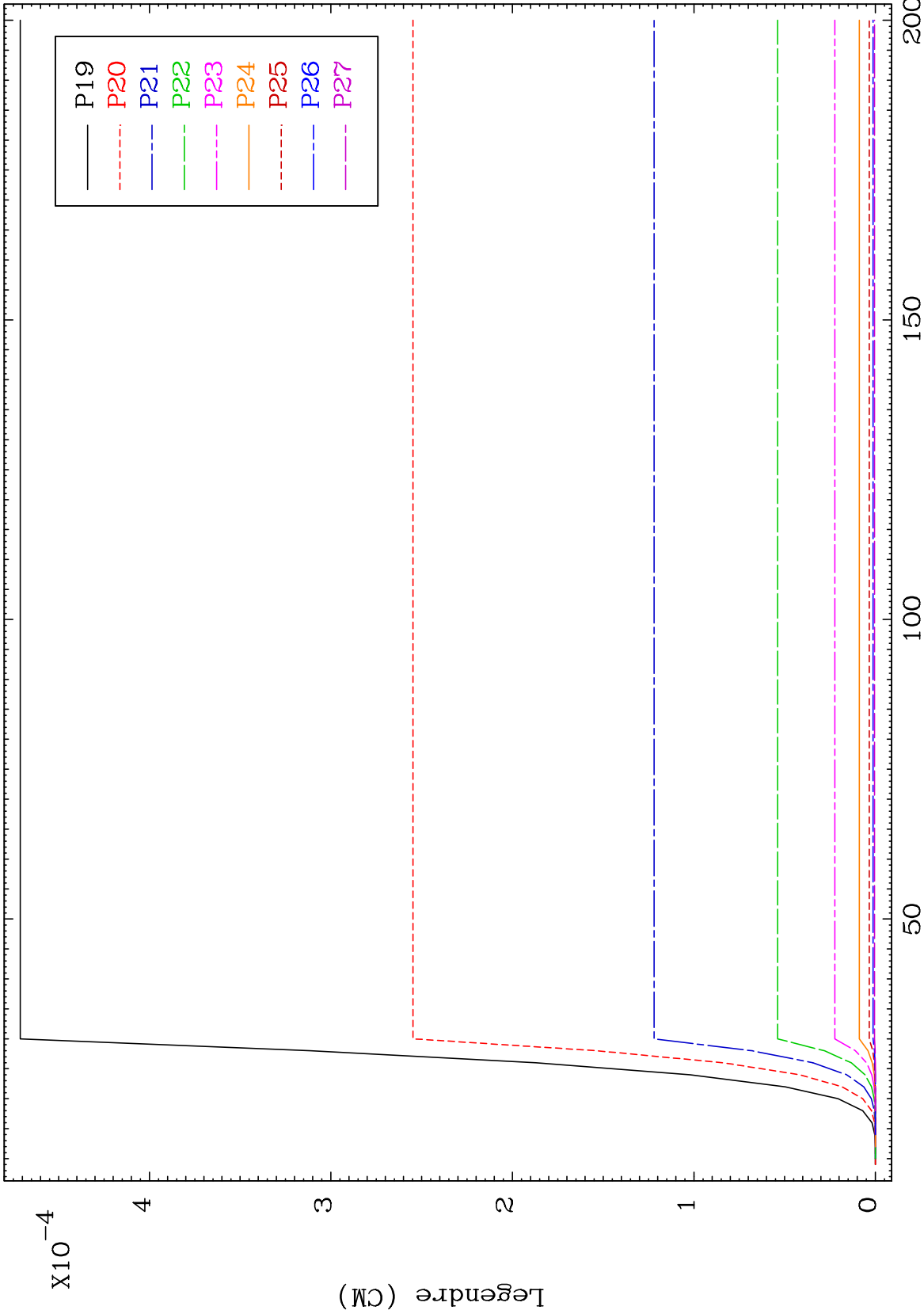
34-Se-83



MAT 3452

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

34-Se-83



84

34-Se-83

MAT 3452

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

34-Se-83



85

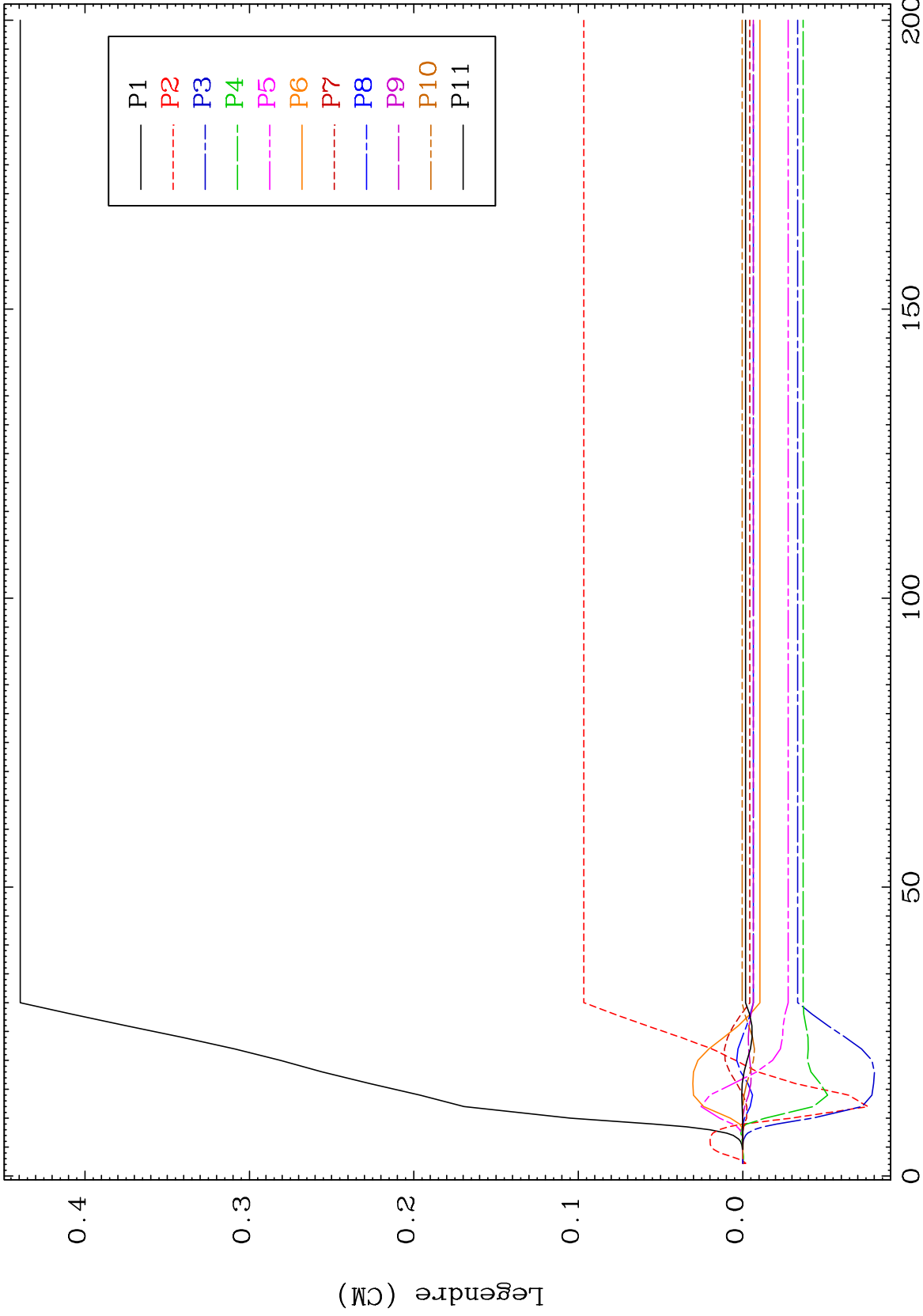
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



86

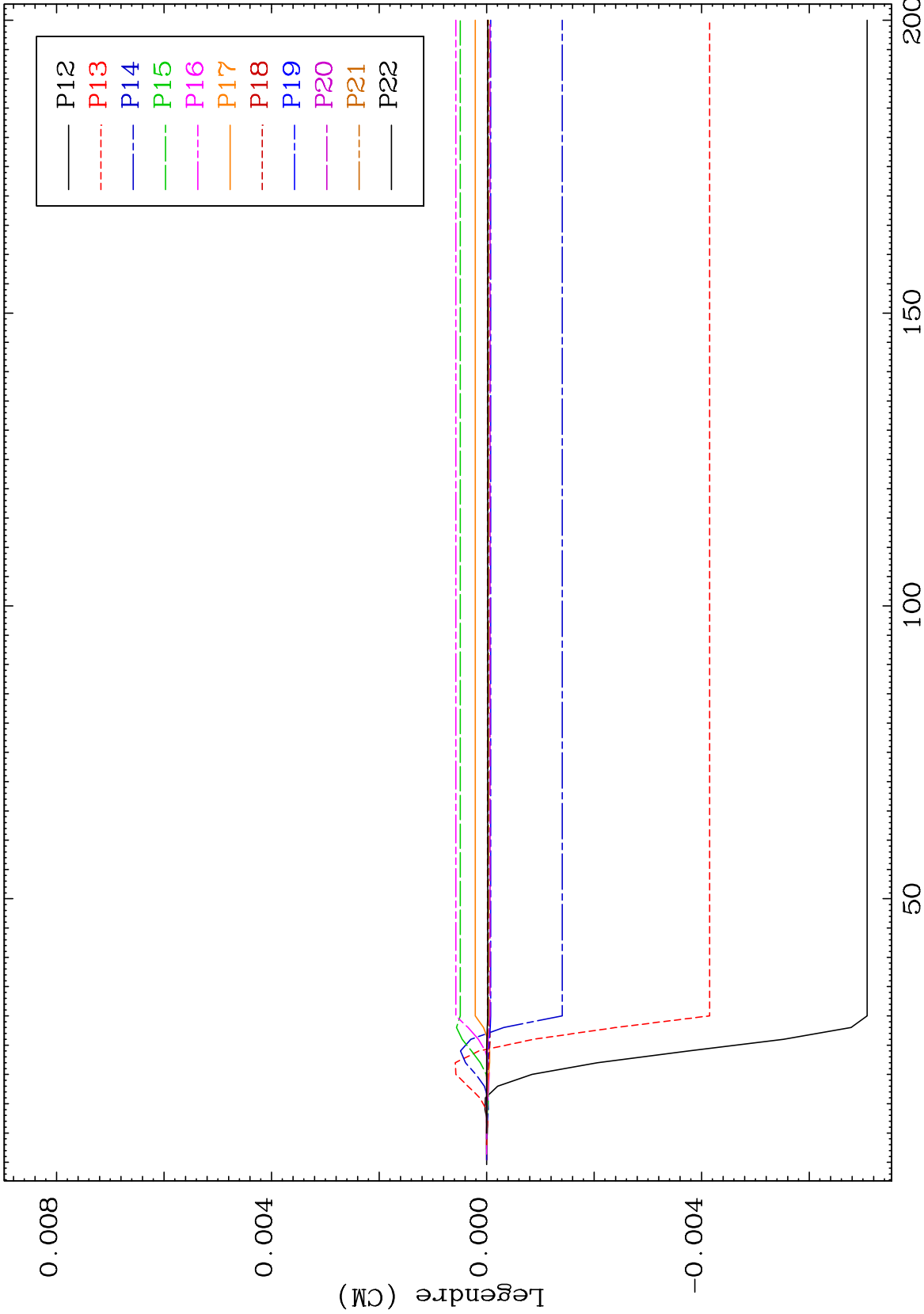
Incident Energy (MeV)

34-Se-83

MAT 3452

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

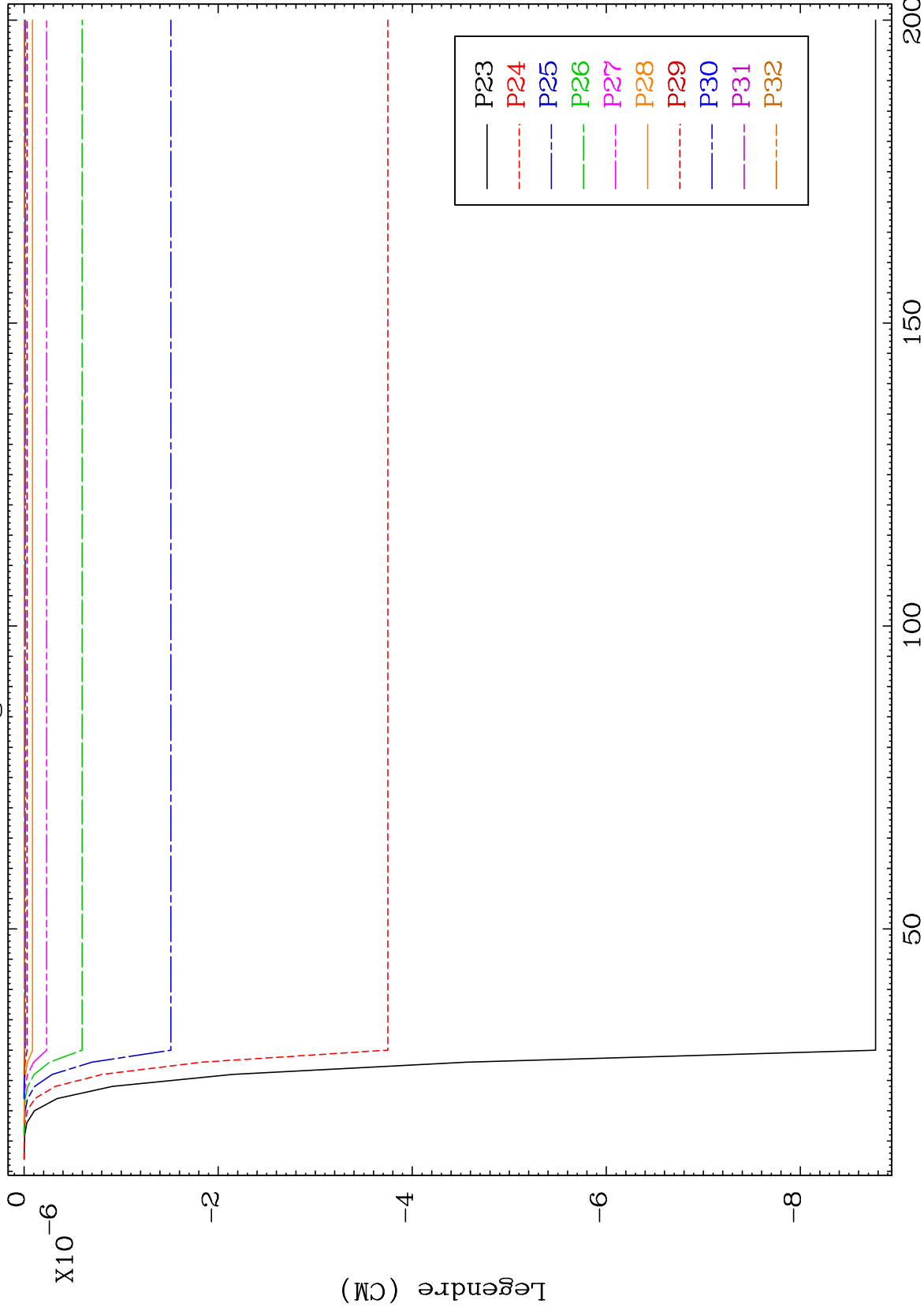
34-Se-83



87

Incident Energy (MeV)

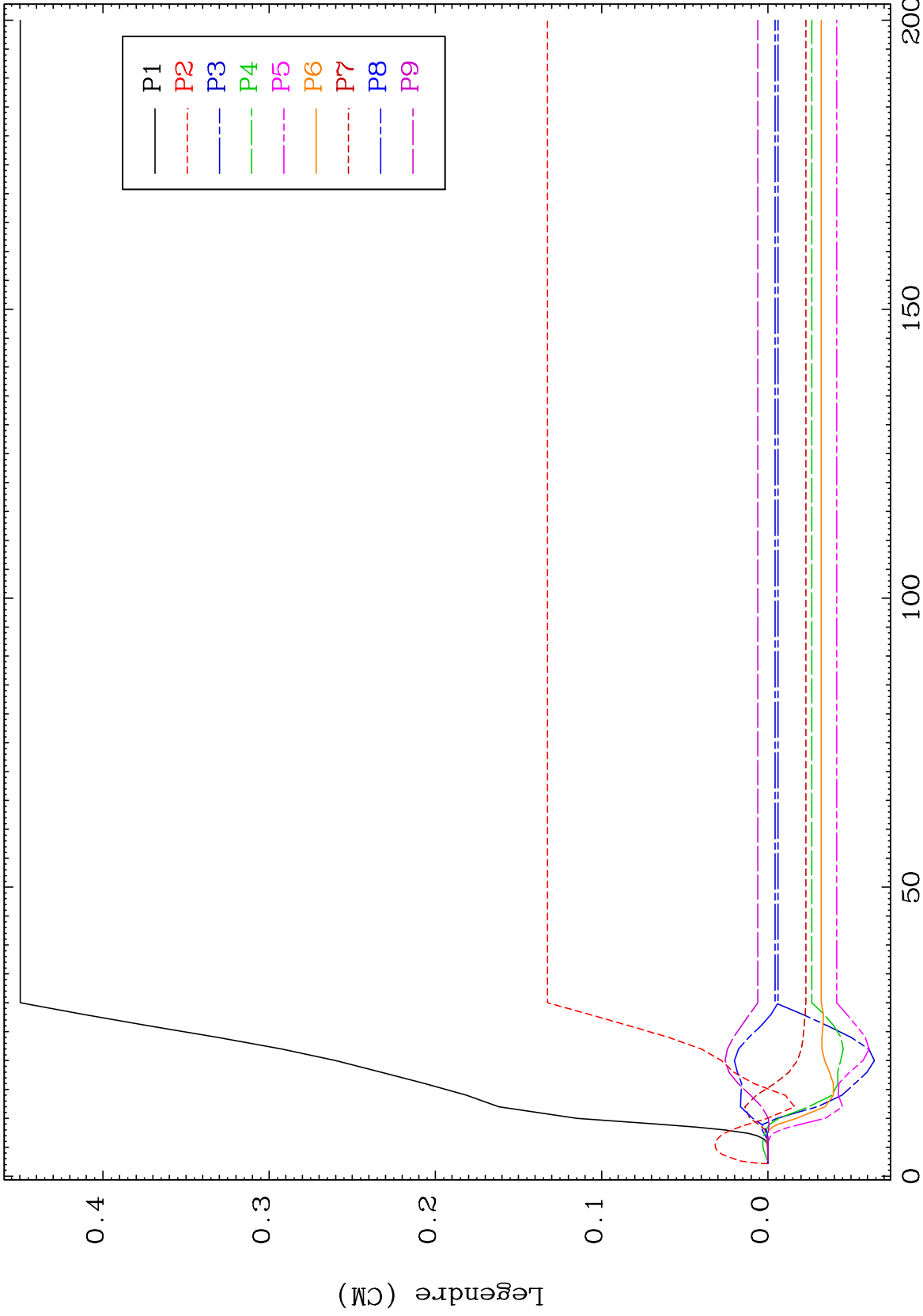
34-Se-83



MAT 3452

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

34-Se-83



89

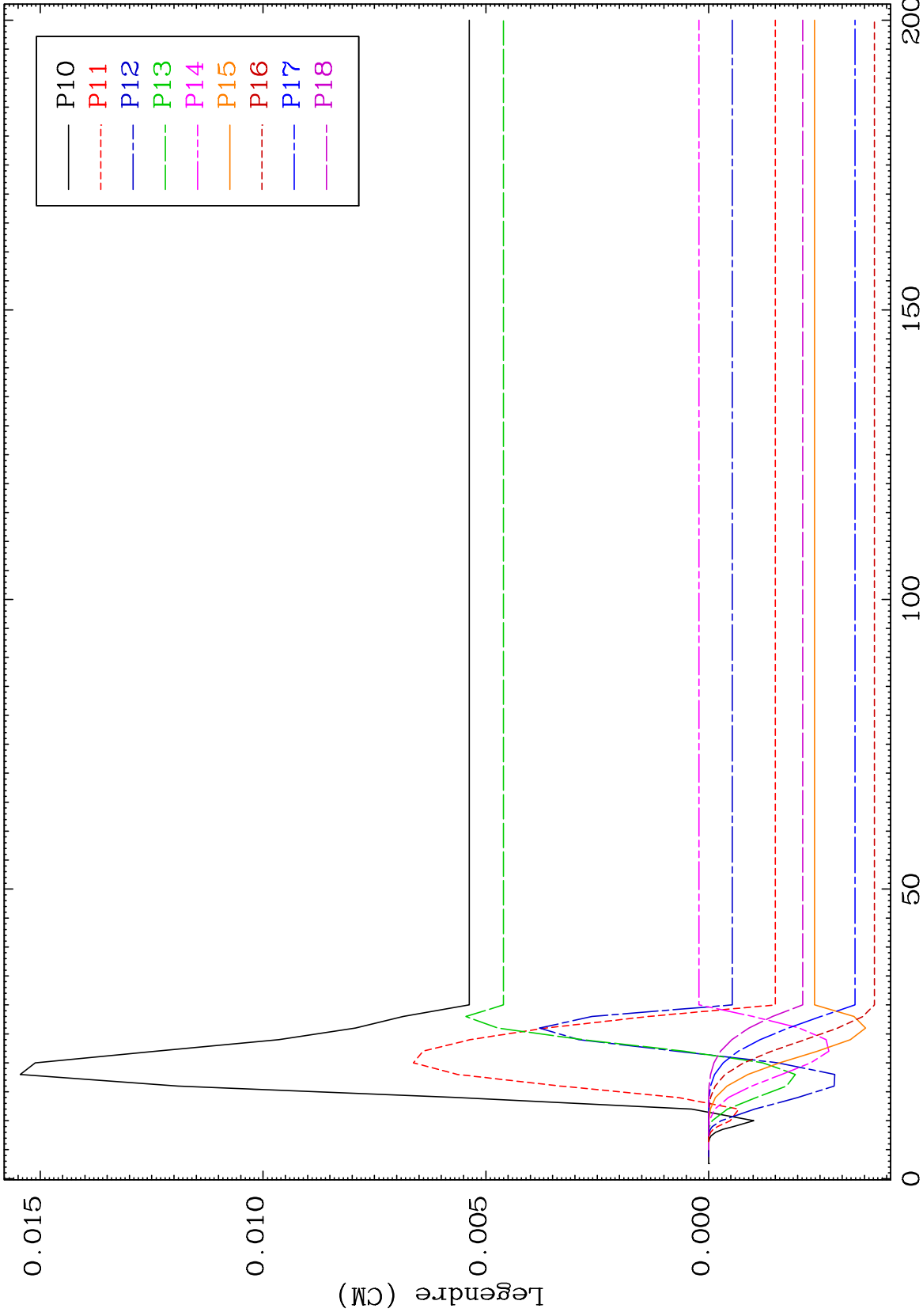
Incident Energy (MeV)

34-Se-83

MAT 3452

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

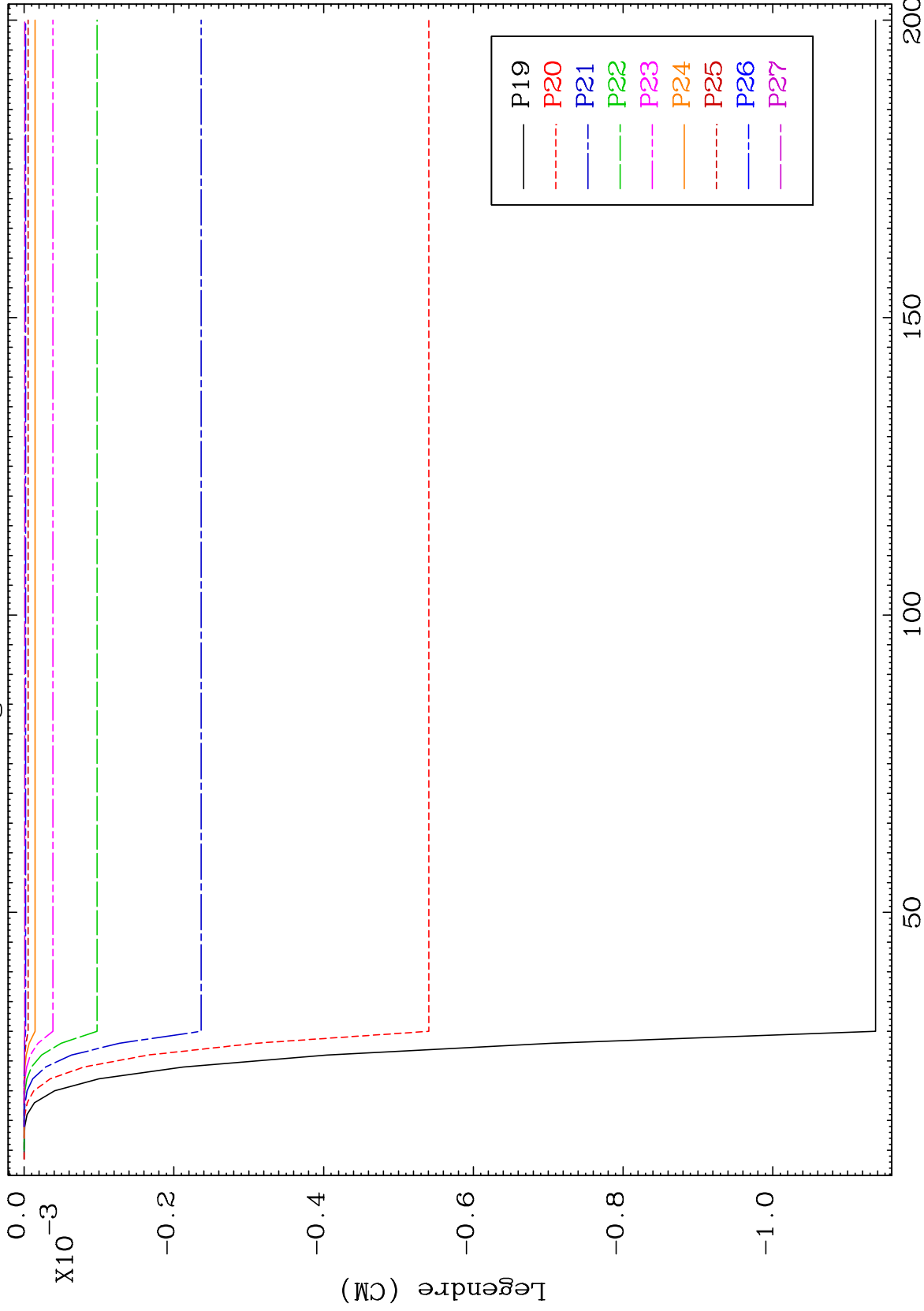
34-Se-83



90

Incident Energy (MeV)

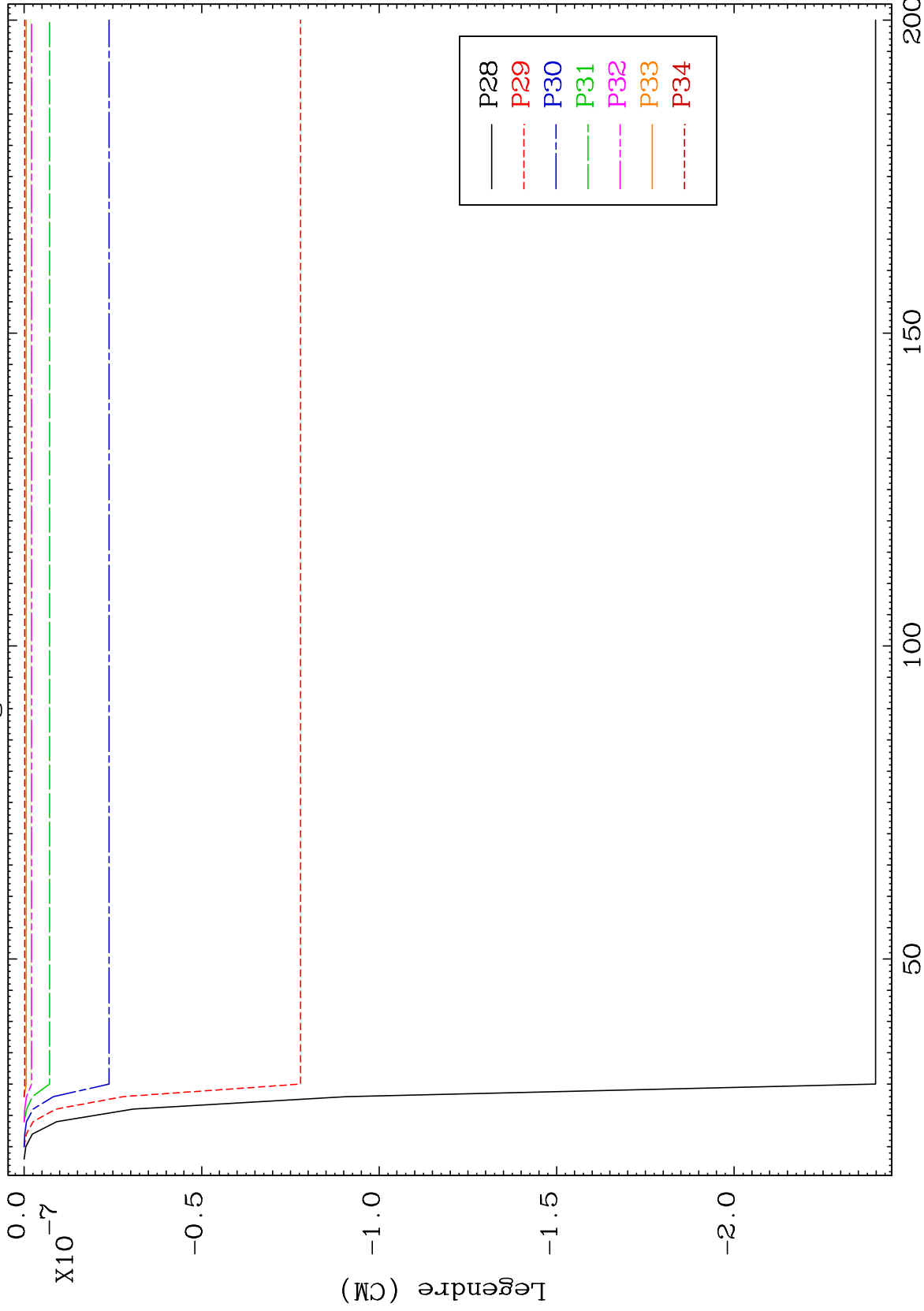
34-Se-83



MAT 3452

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

34-Se-83



92

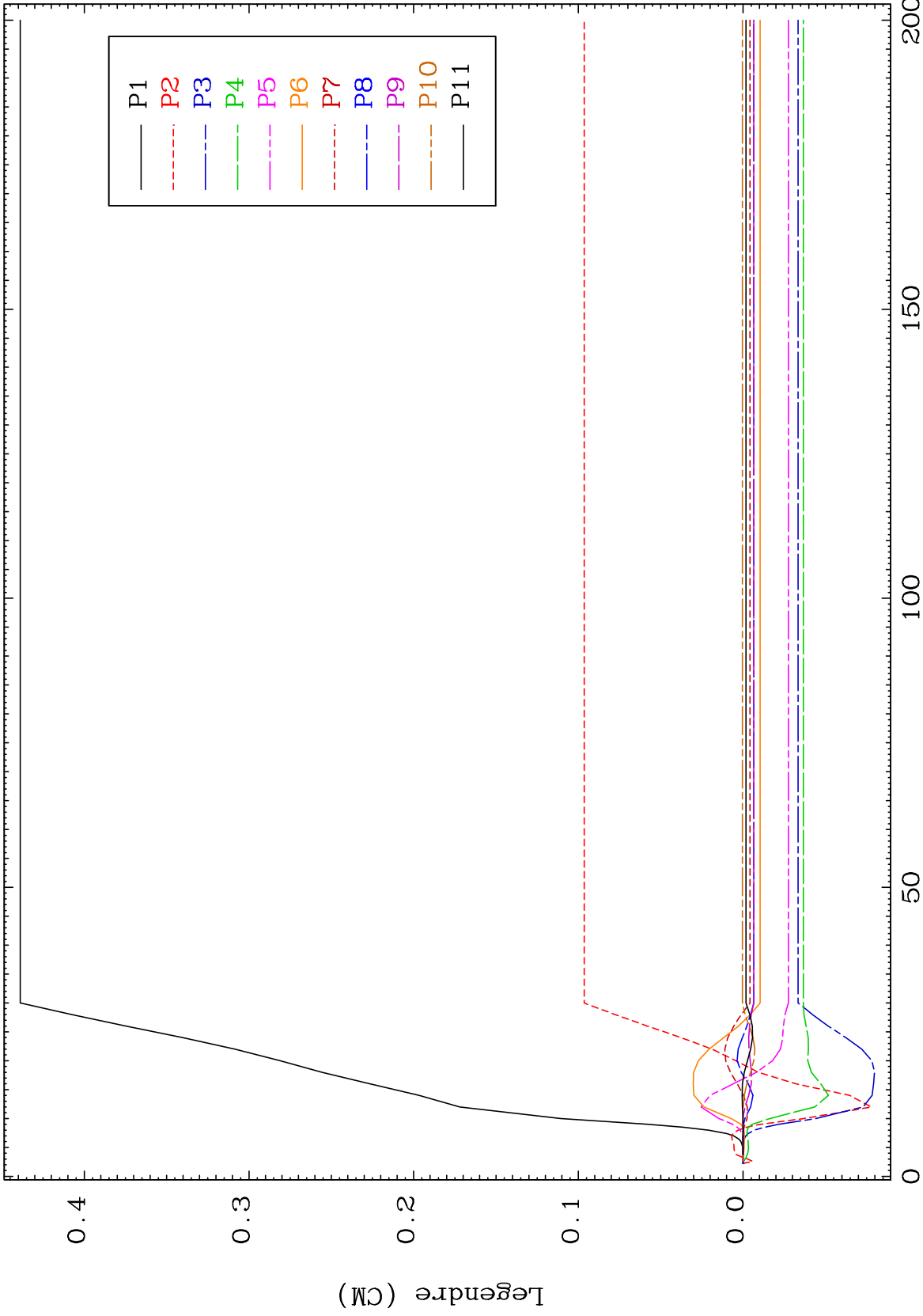
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



93

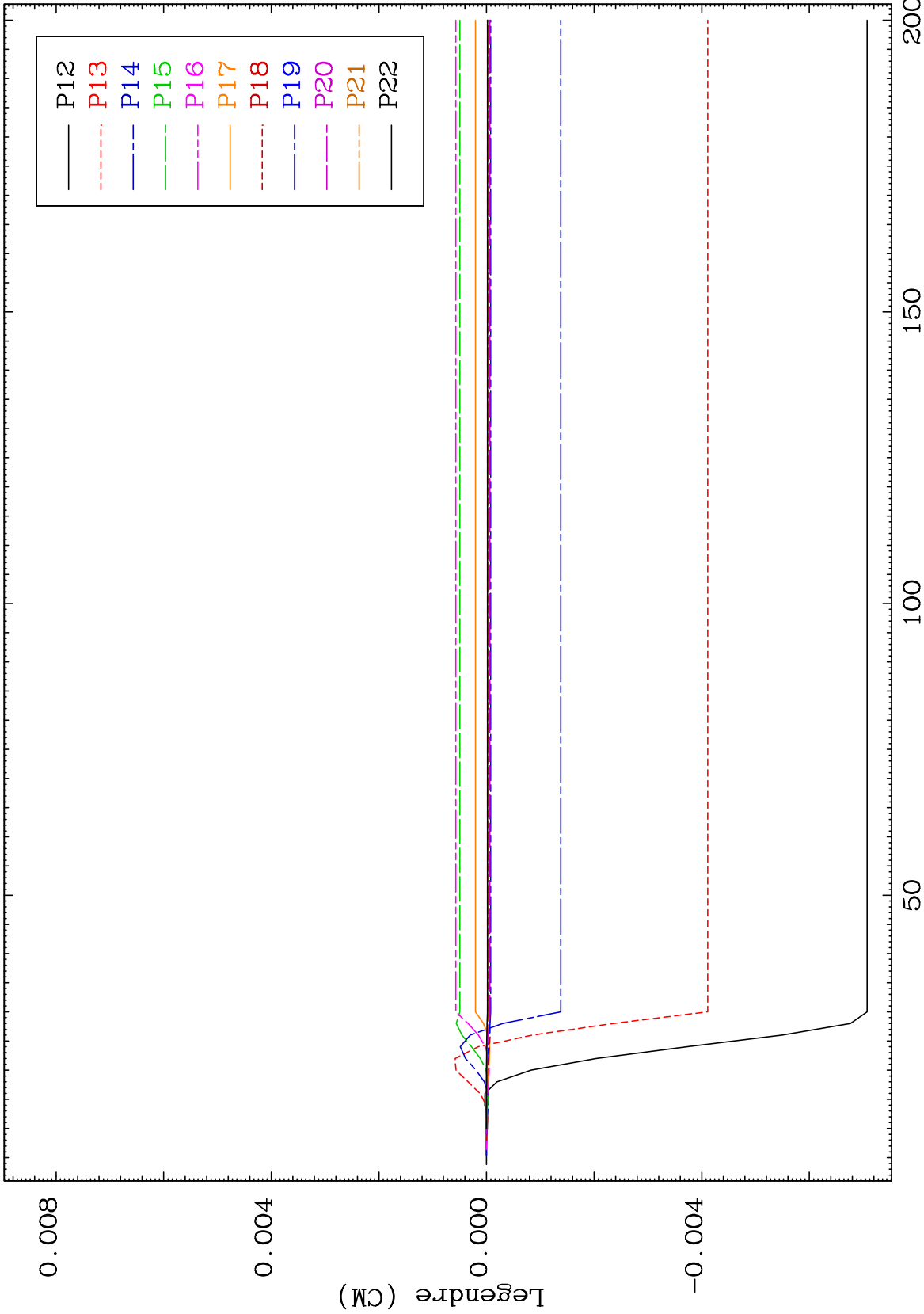
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



94

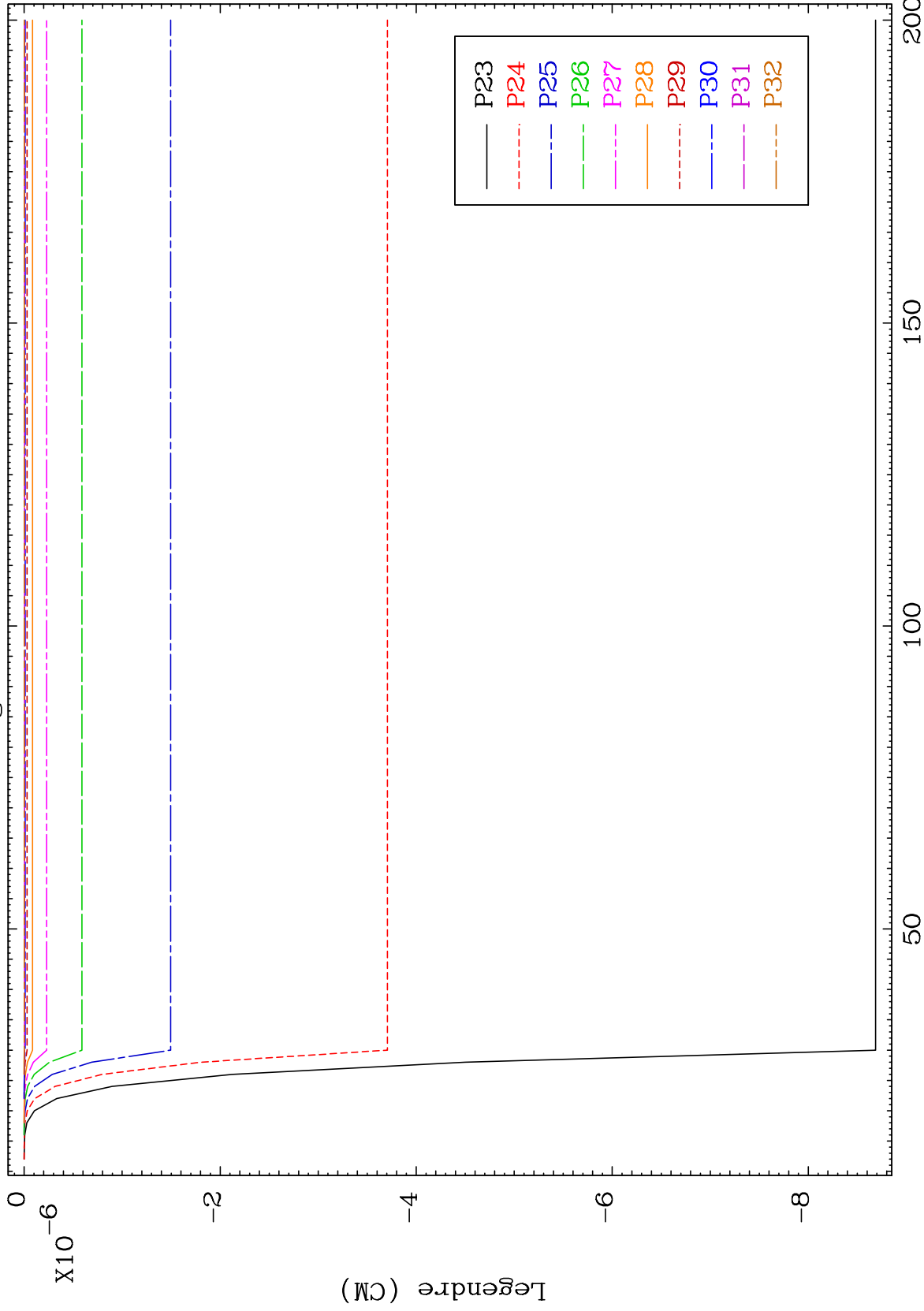
Incident Energy (MeV)

34-Se-83

MAT 3452

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

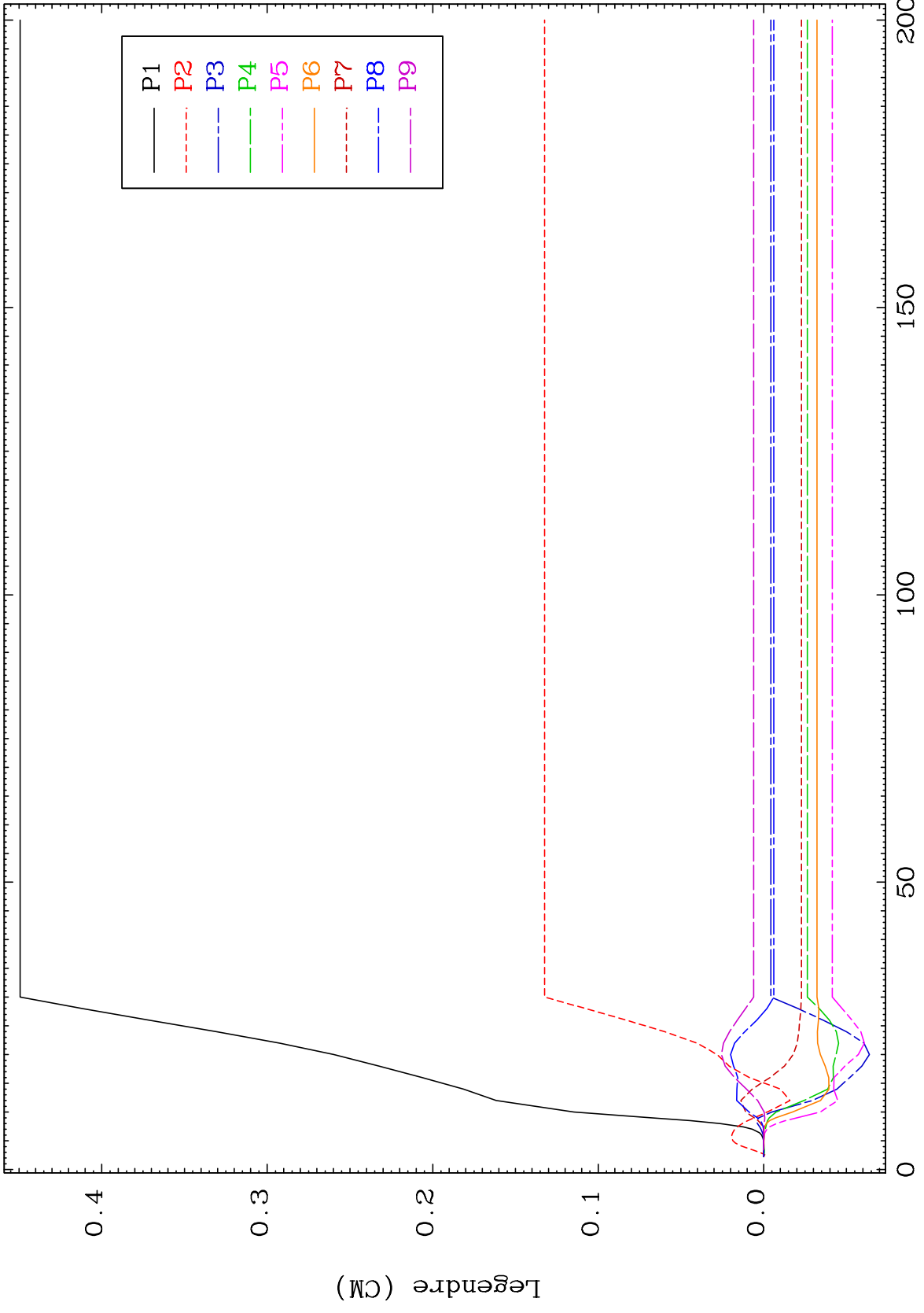
34-Se-83



MAT 3452

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

34-Se-83



96

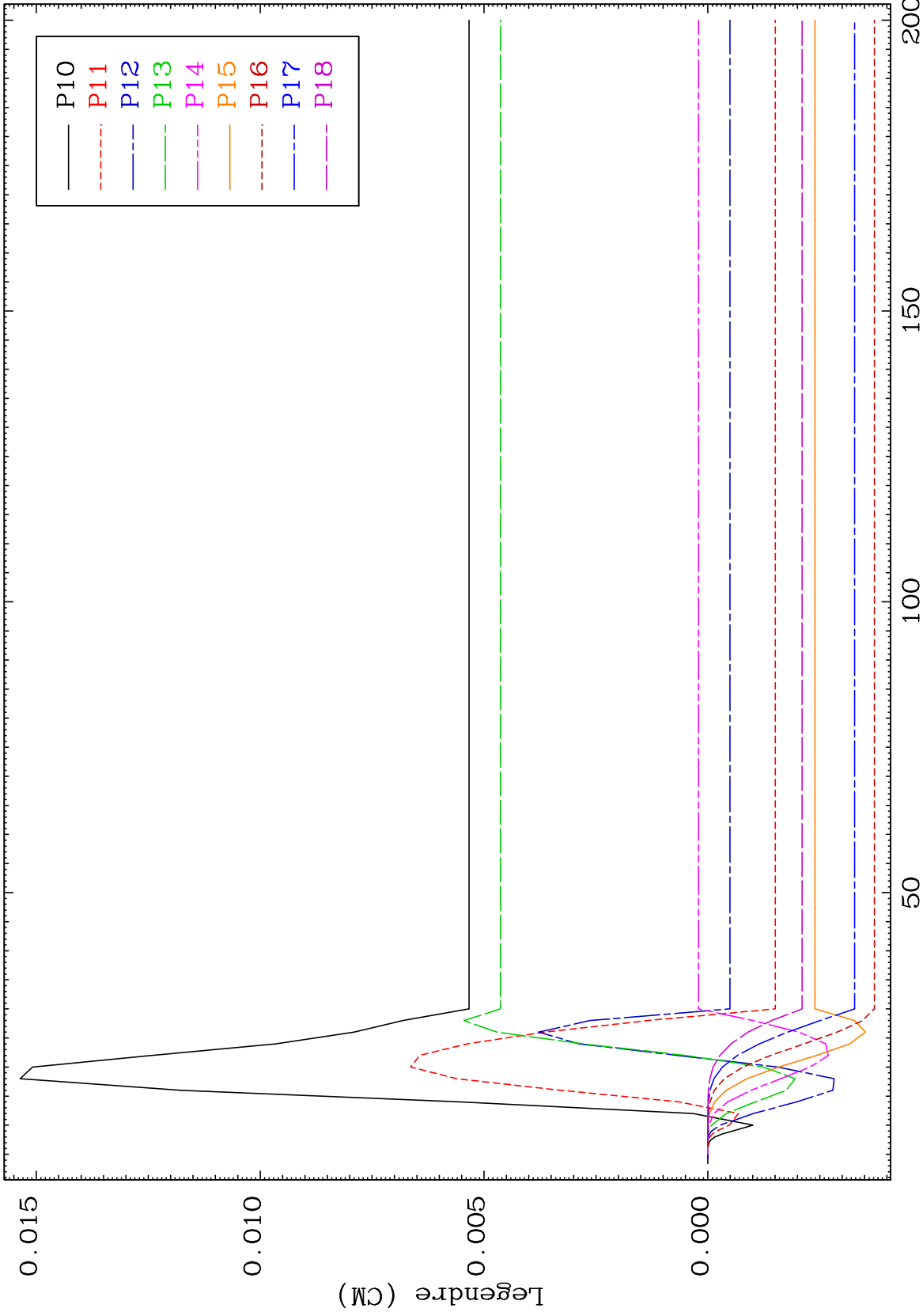
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



97

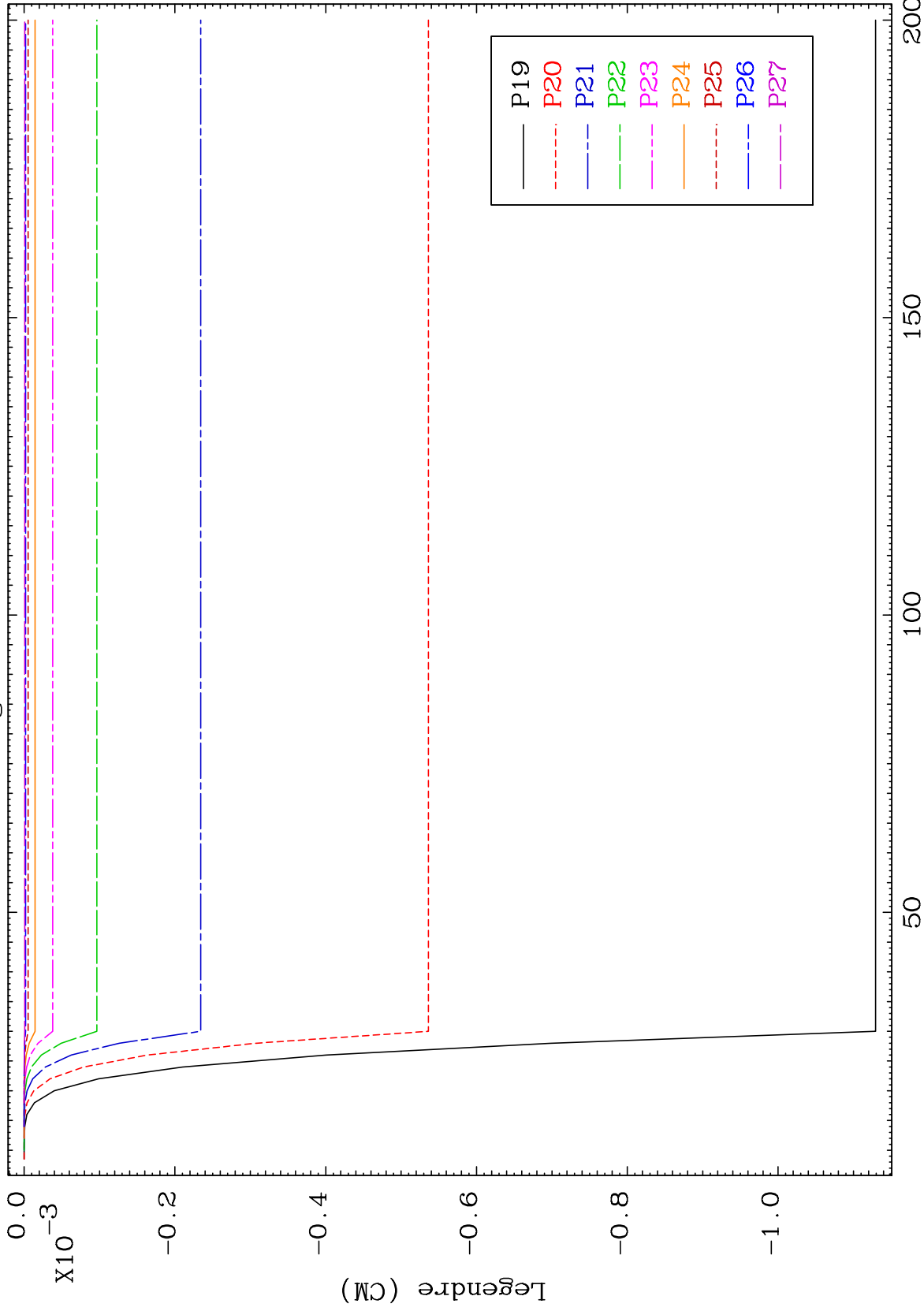
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



98

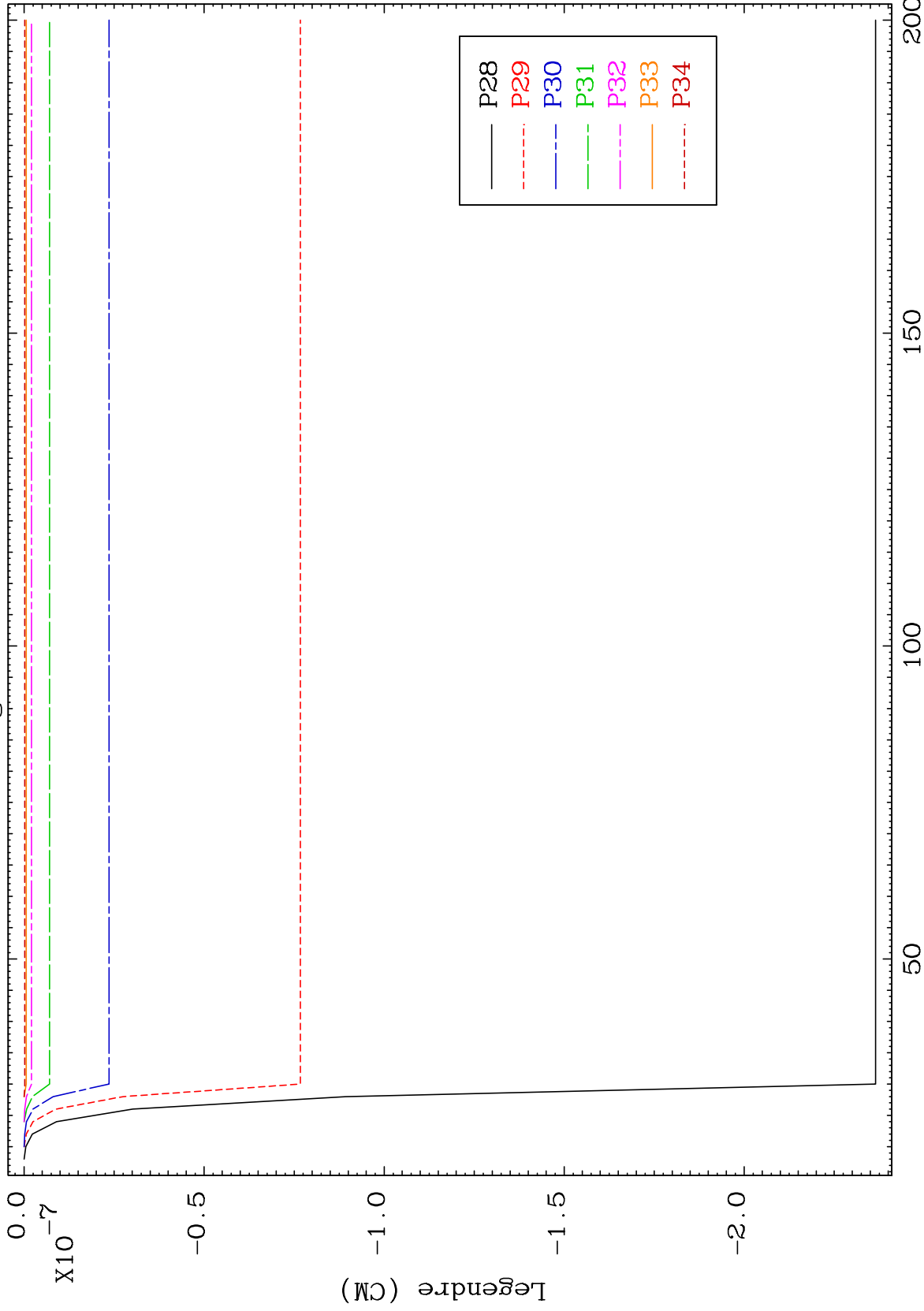
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



99

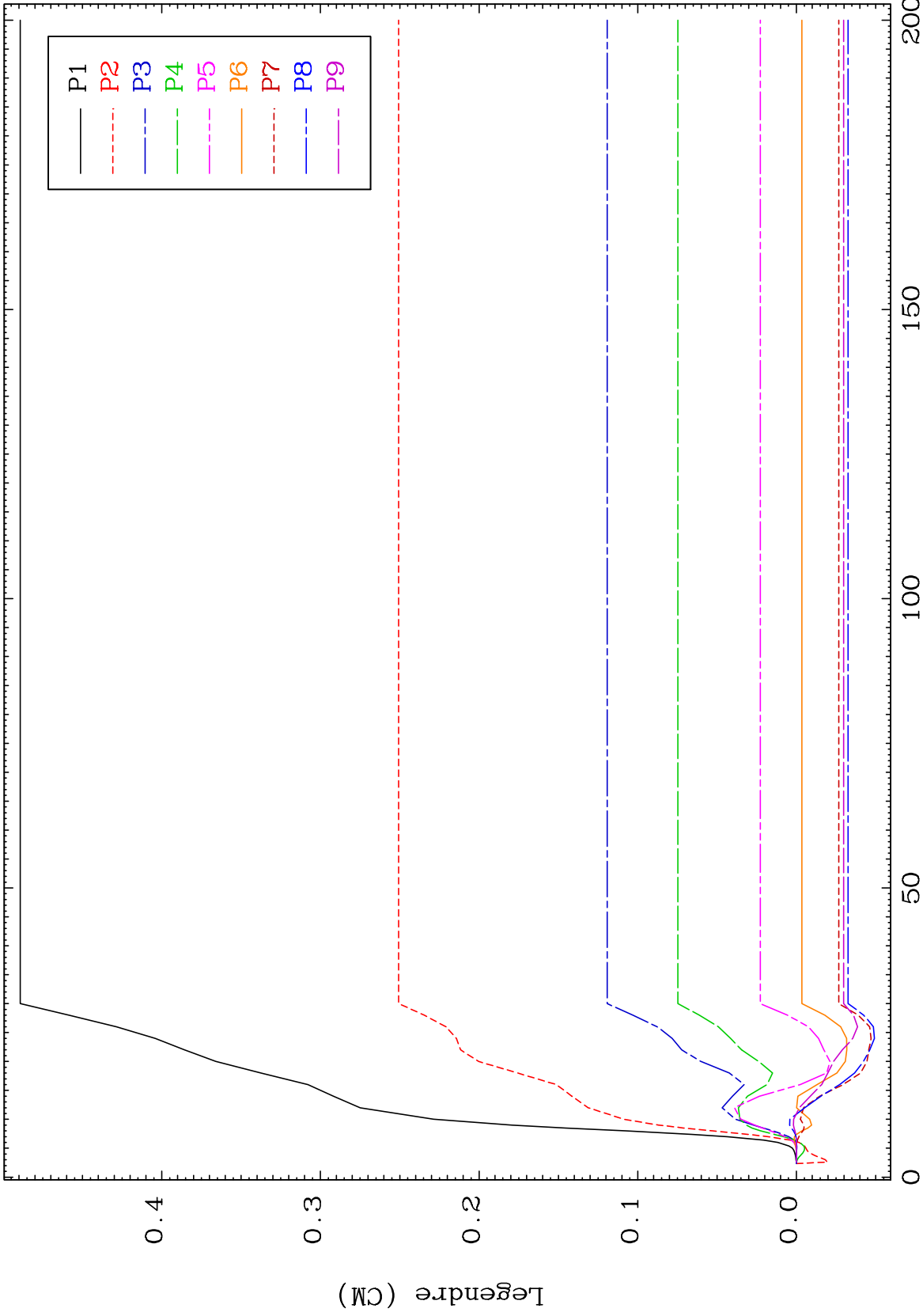
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



34-Se-83

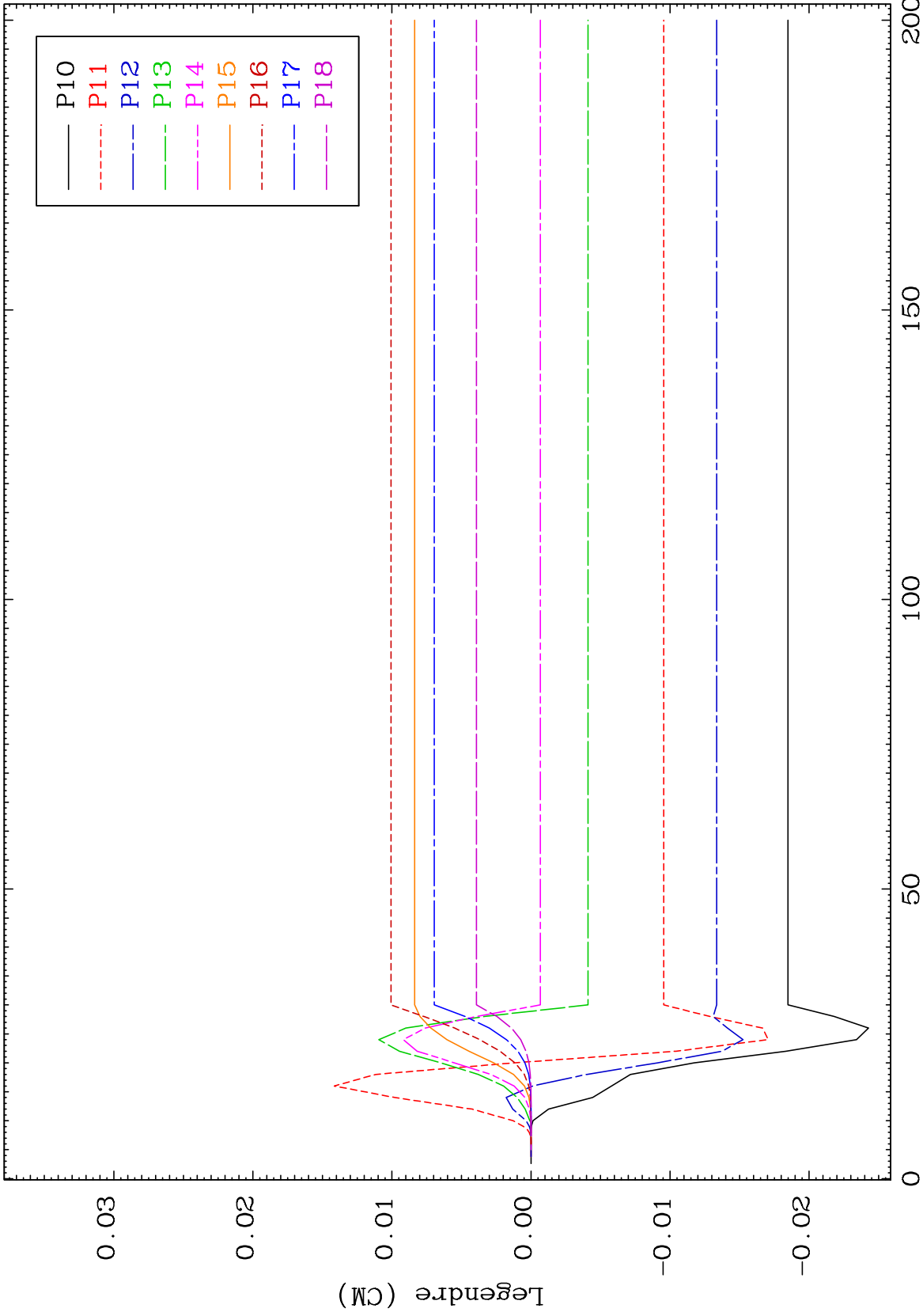
Incident Energy (MeV)

Legendre (CM)

MAT 3452

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

34-Se-83



101

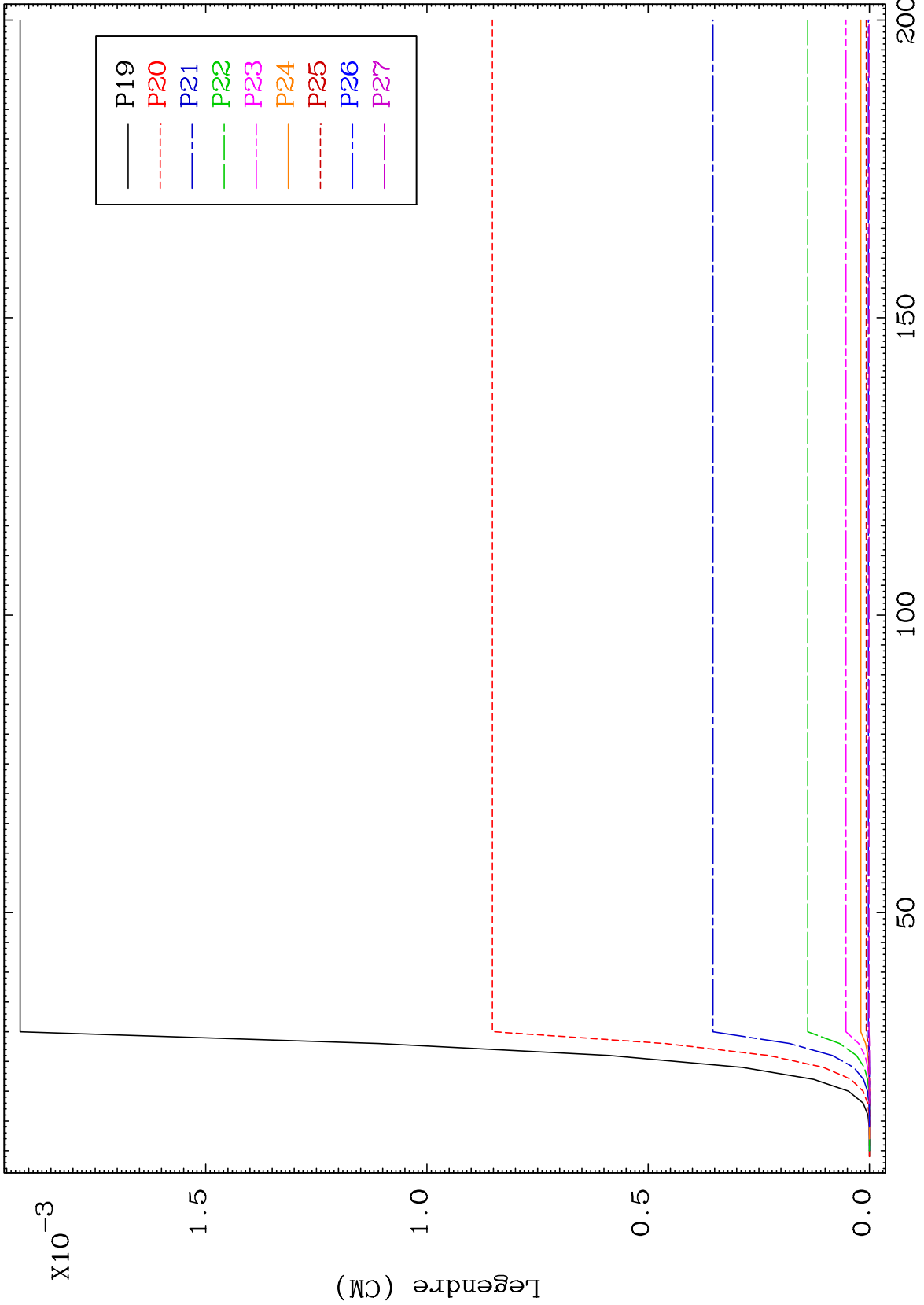
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



102

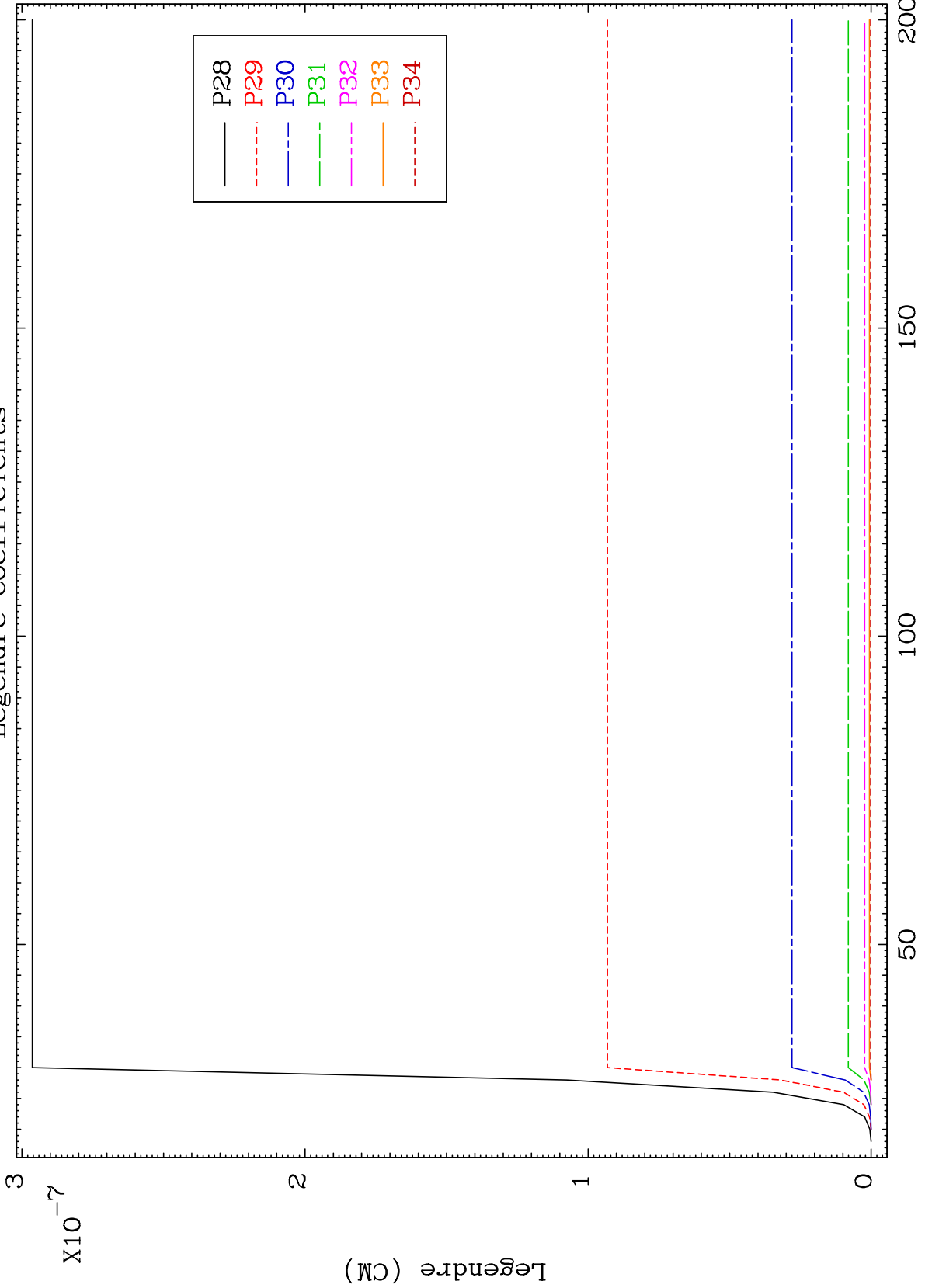
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



103

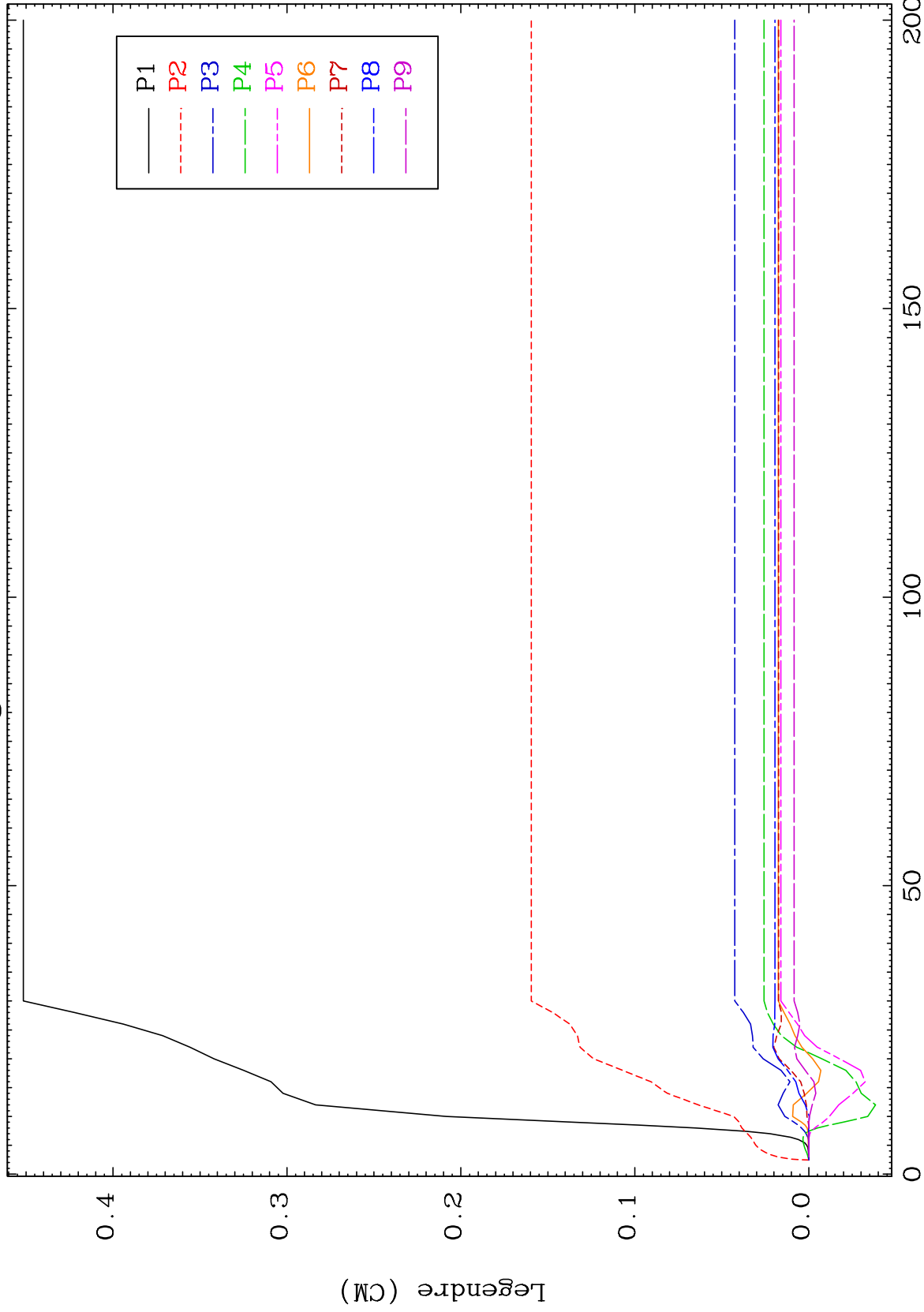
Incident Energy (MeV)

34-Se-83

MAT 3452

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

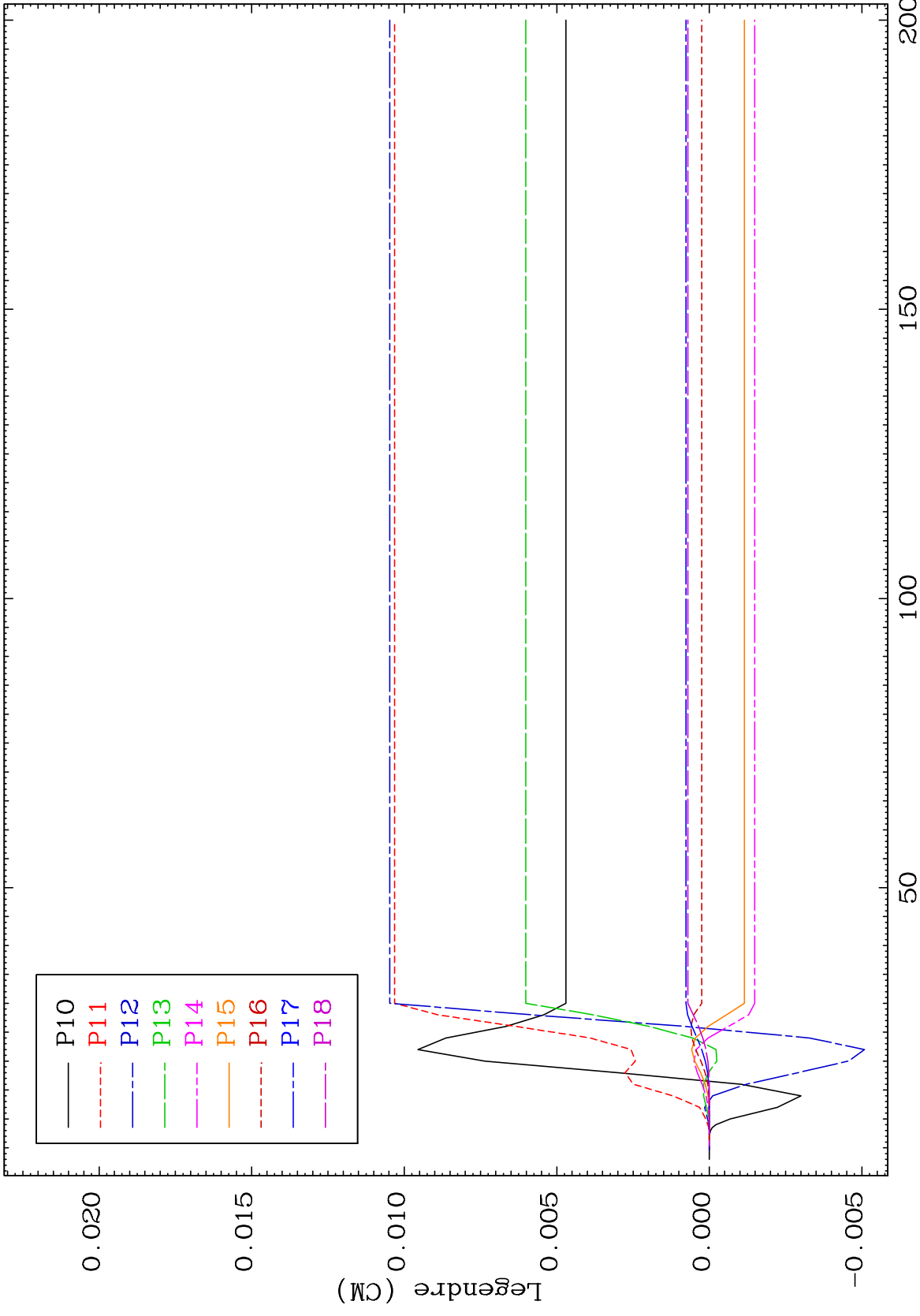
34-Se-83



104

Incident Energy (MeV)

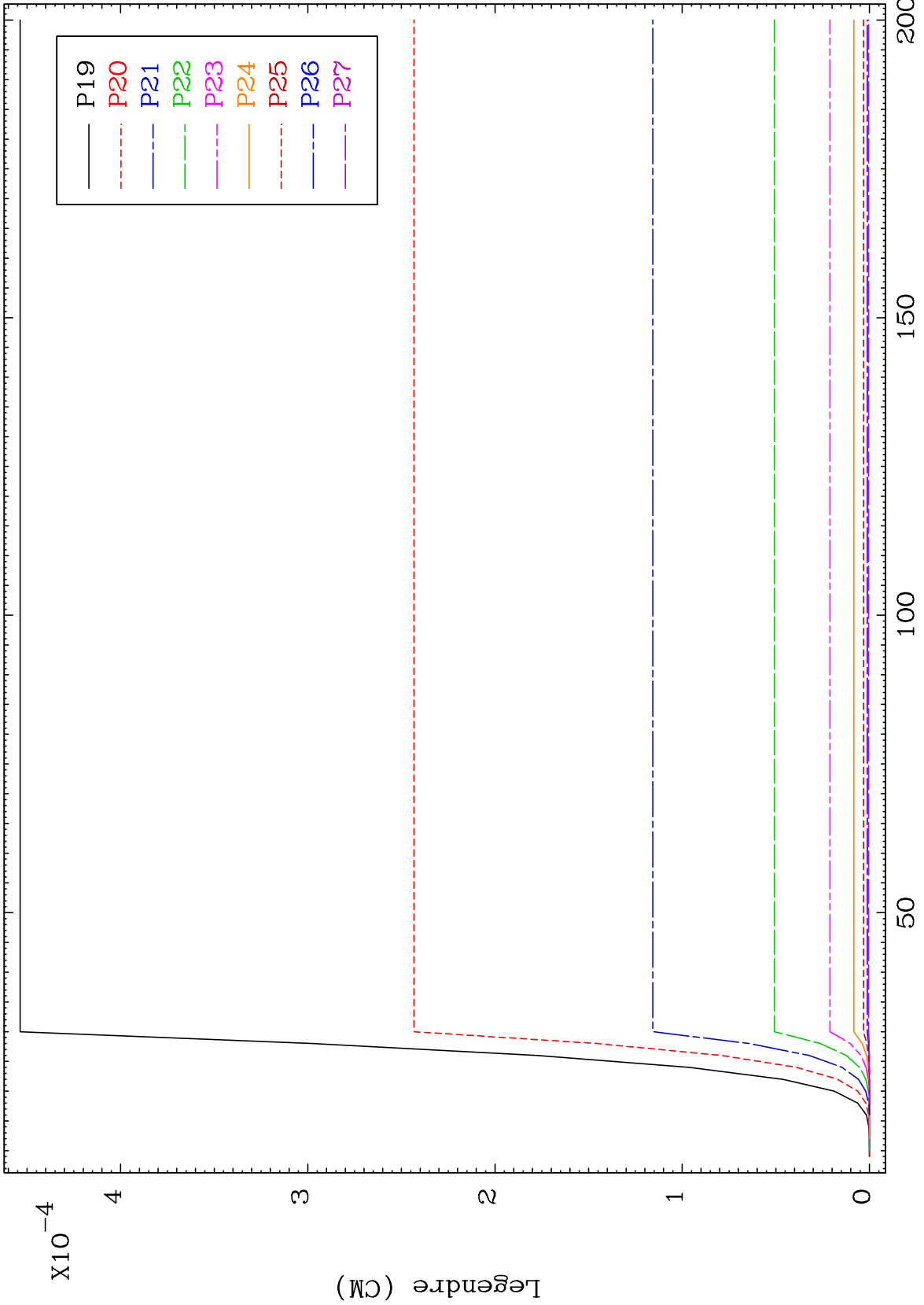
34-Se-83



MAT 3452

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

34-Se-83



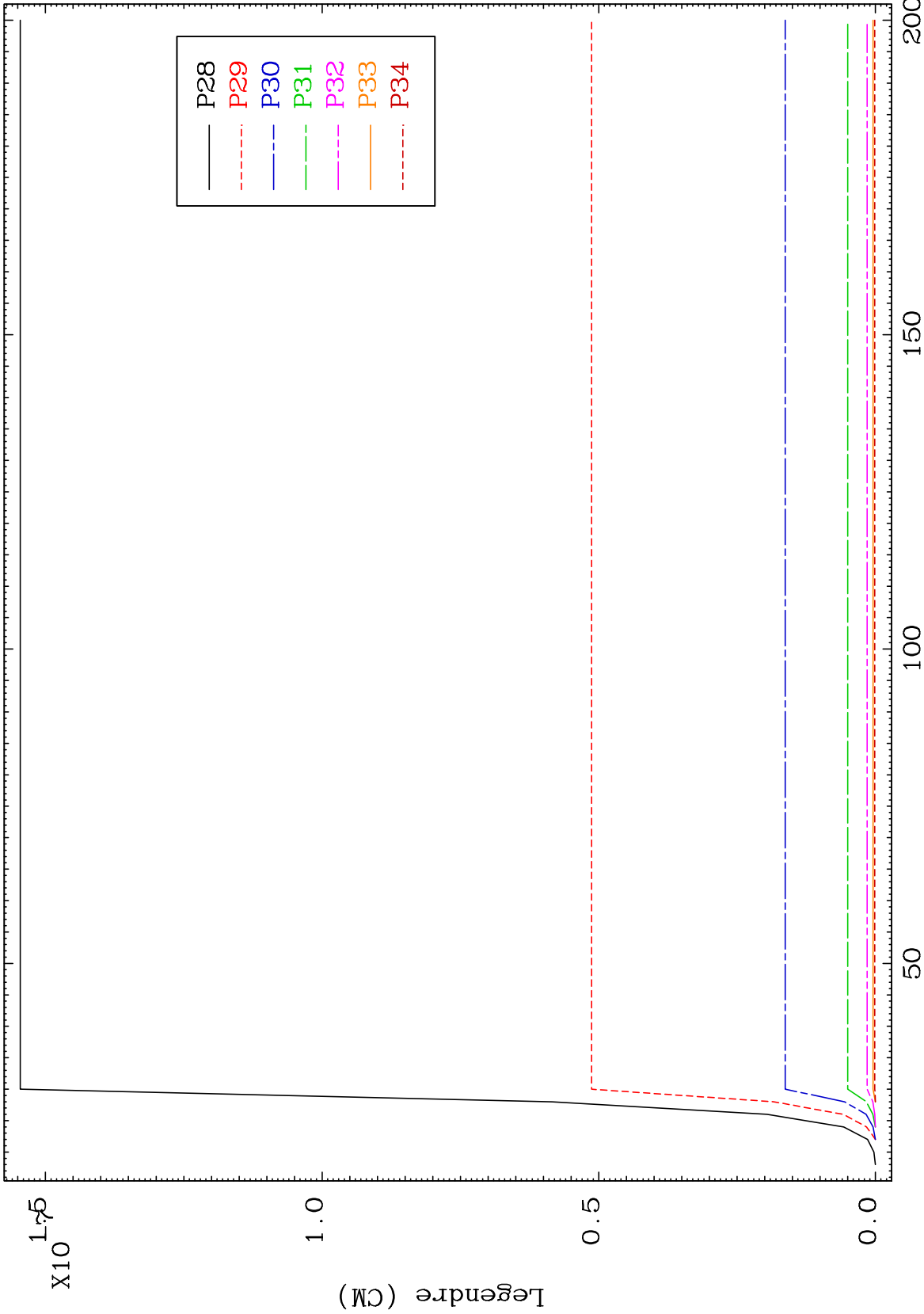
106

34-Se-83

MAT 3452

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

34-Se-83



107

Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83

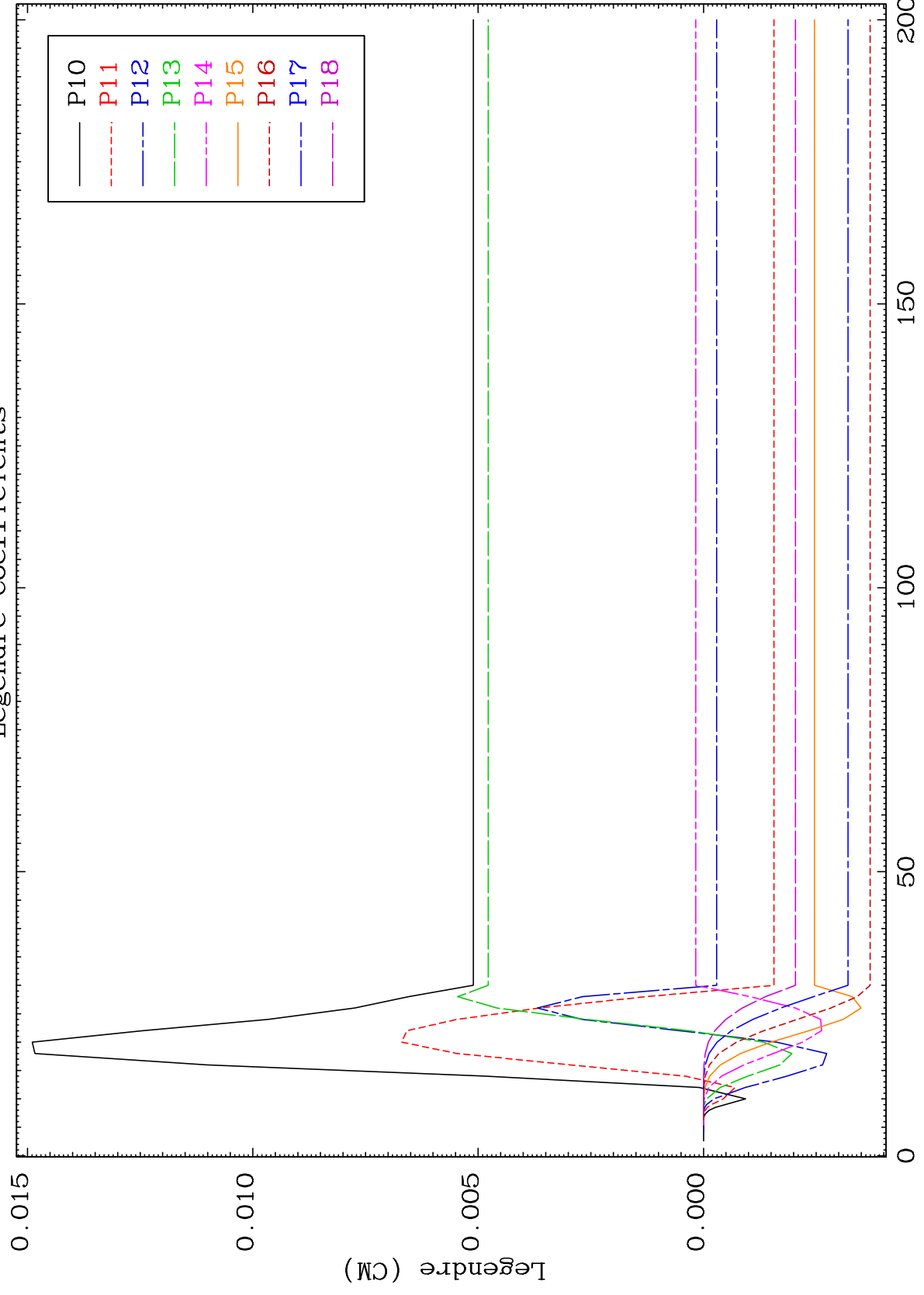


108

Incident Energy (MeV)

34-Se-83

MAT 3452 MT= 74 (n,n') Level Legendre Coefficients 34-Se-83

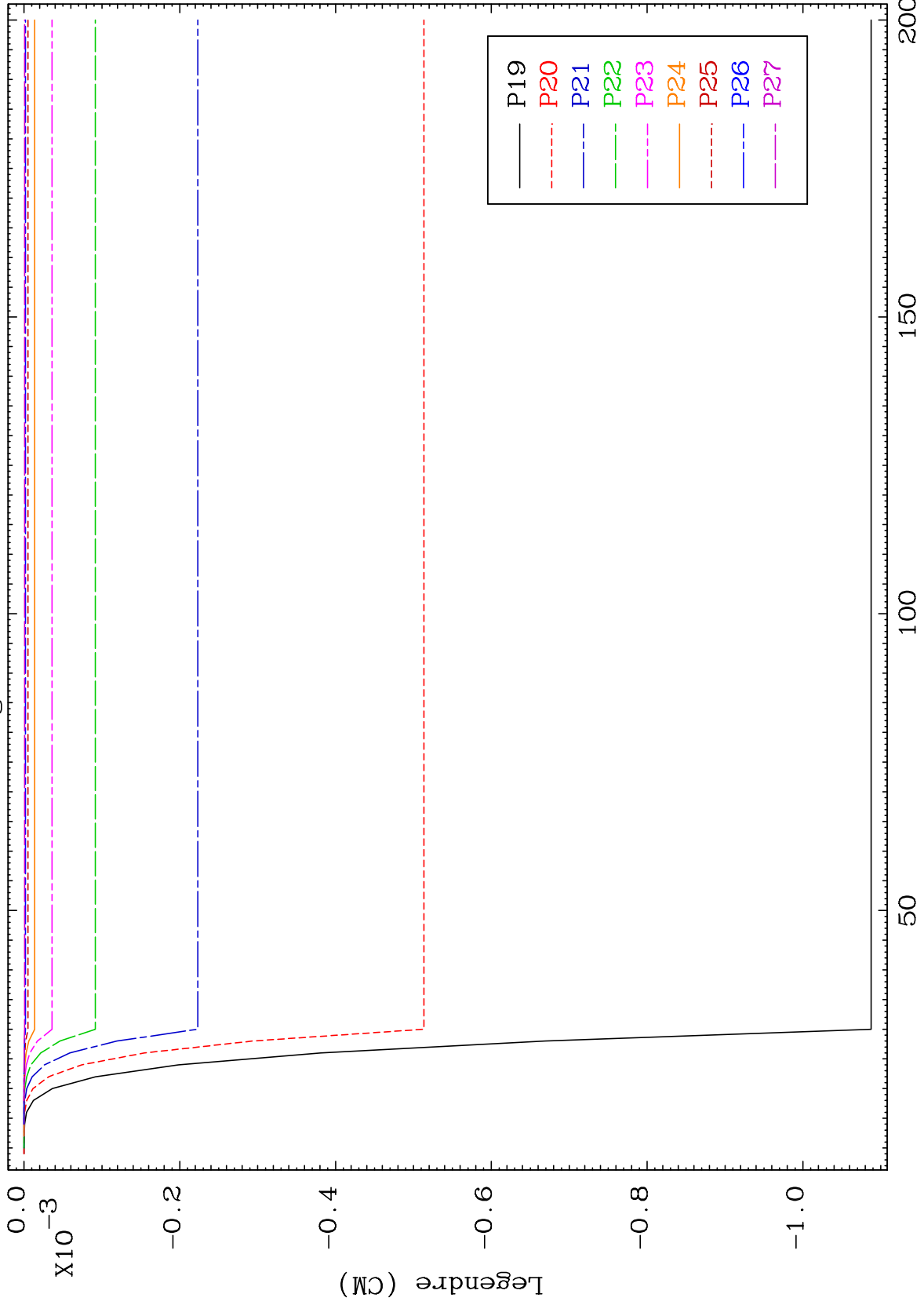


109 34-Se-83

MAT 3452

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

34-Se-83



34-Se-83

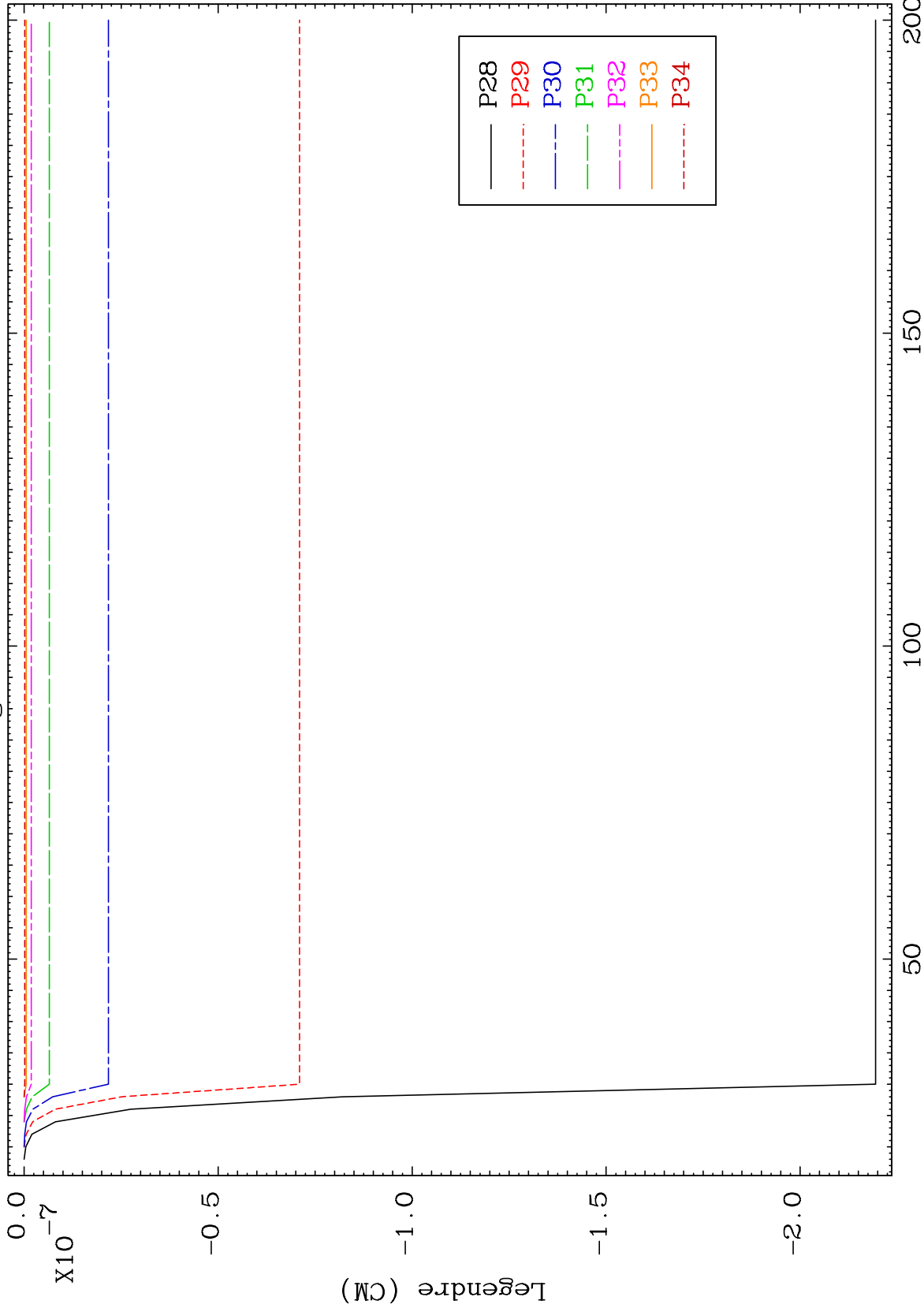
Incident Energy (MeV)

110

MAT 3452

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

34-Se-83



111

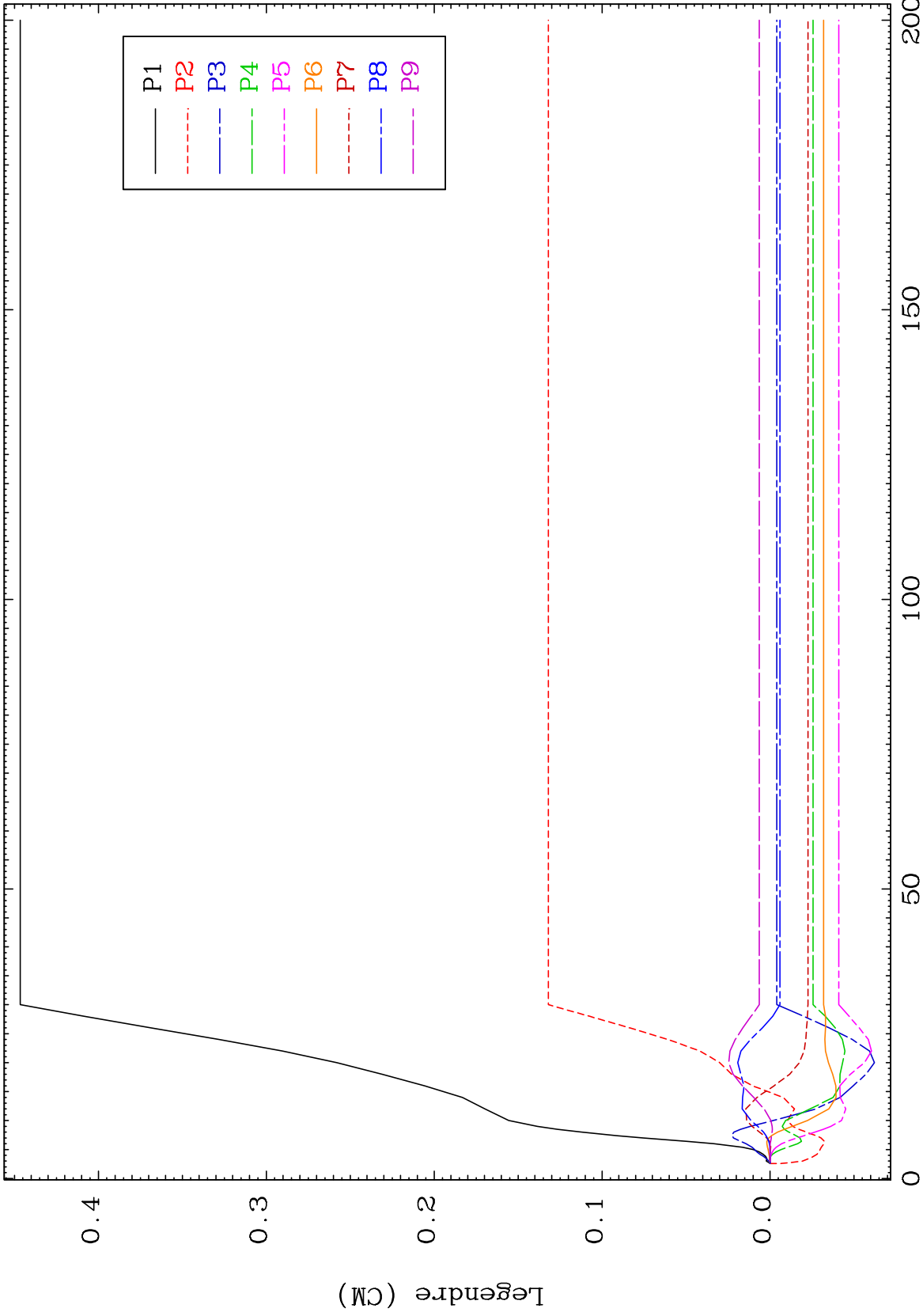
Incident Energy (MeV)

34-Se-83

MAT 3452

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

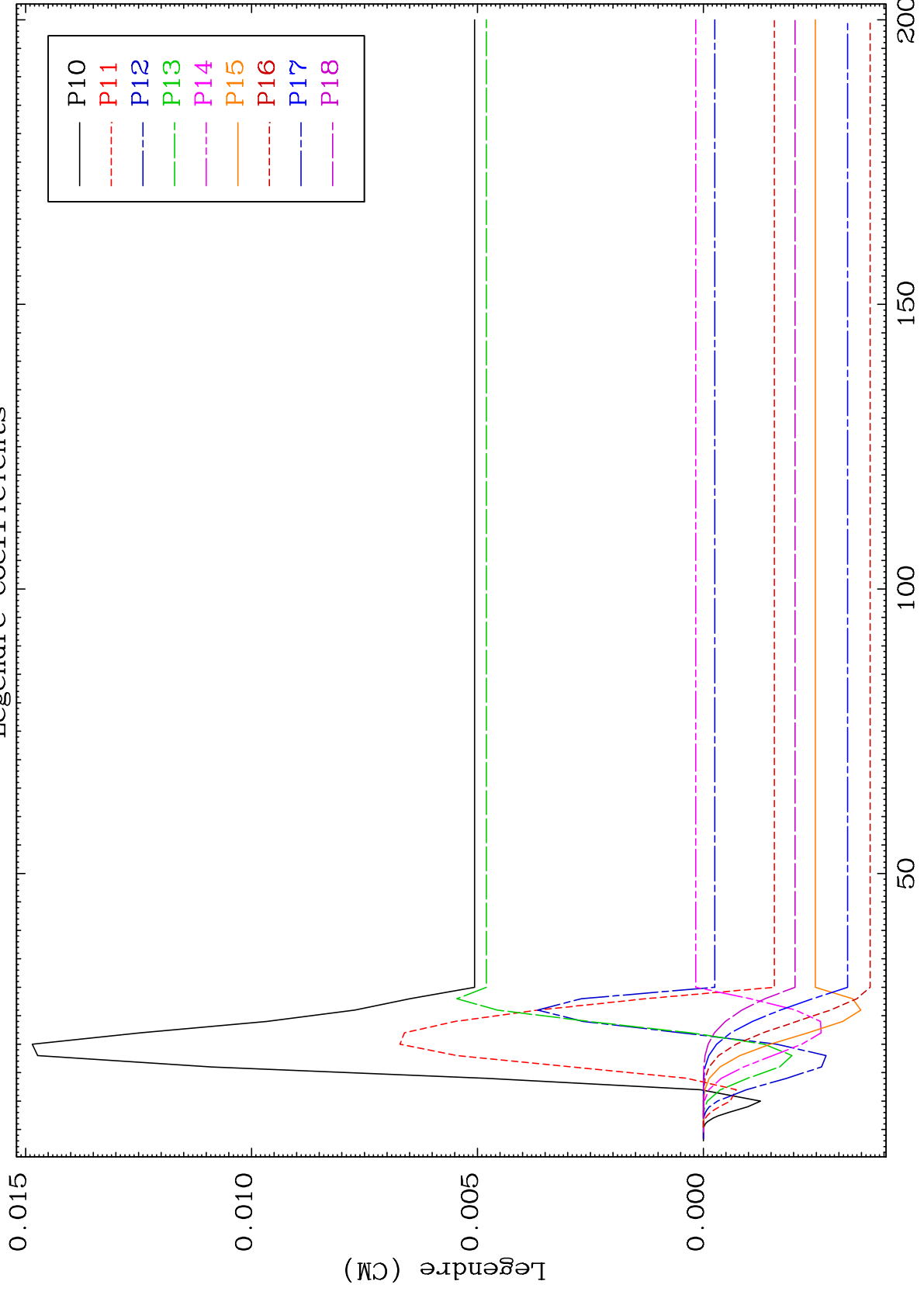
34-Se-83



112

Incident Energy (MeV)

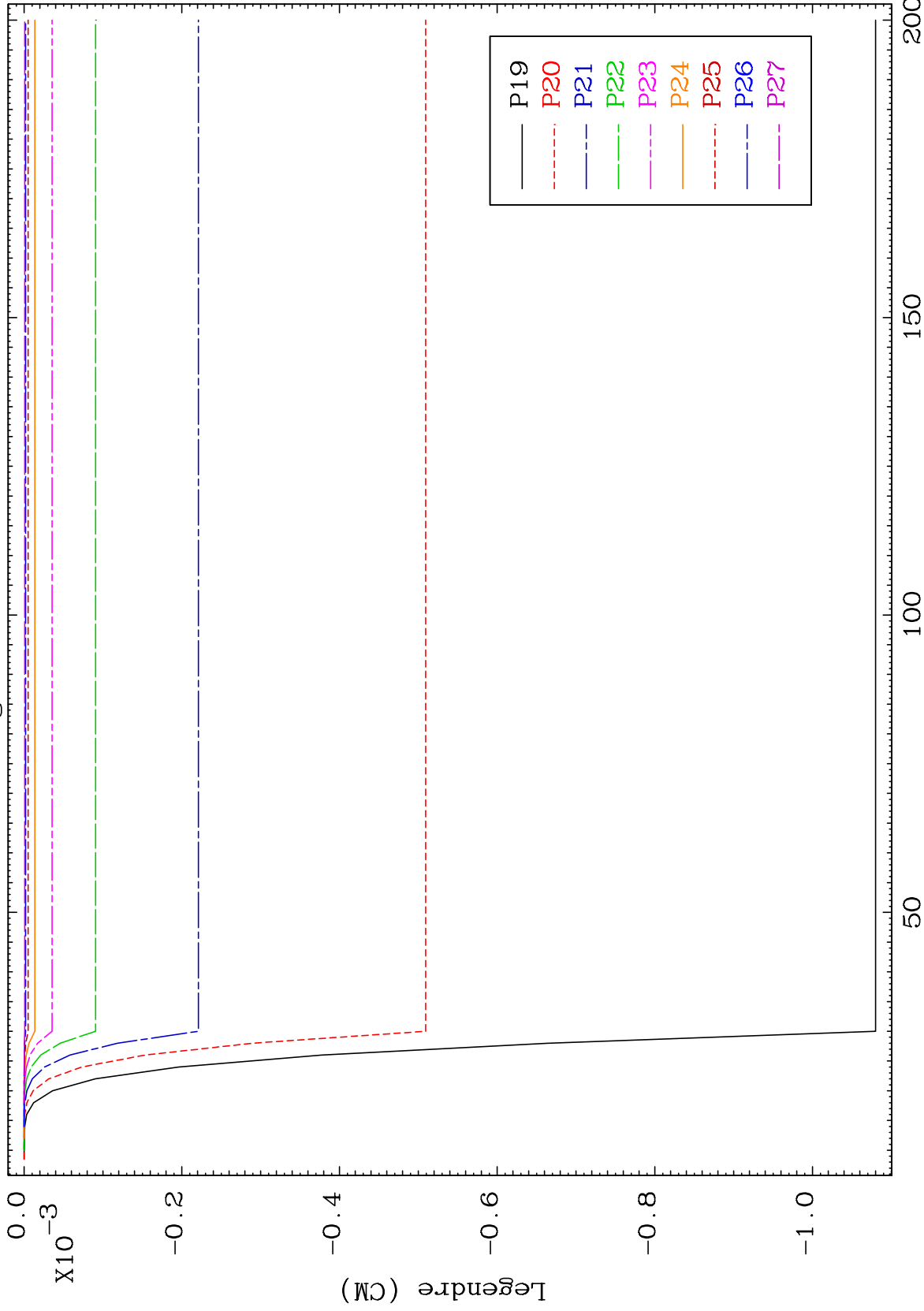
34-Se-83



MAT 3452

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

34-Se-83



114

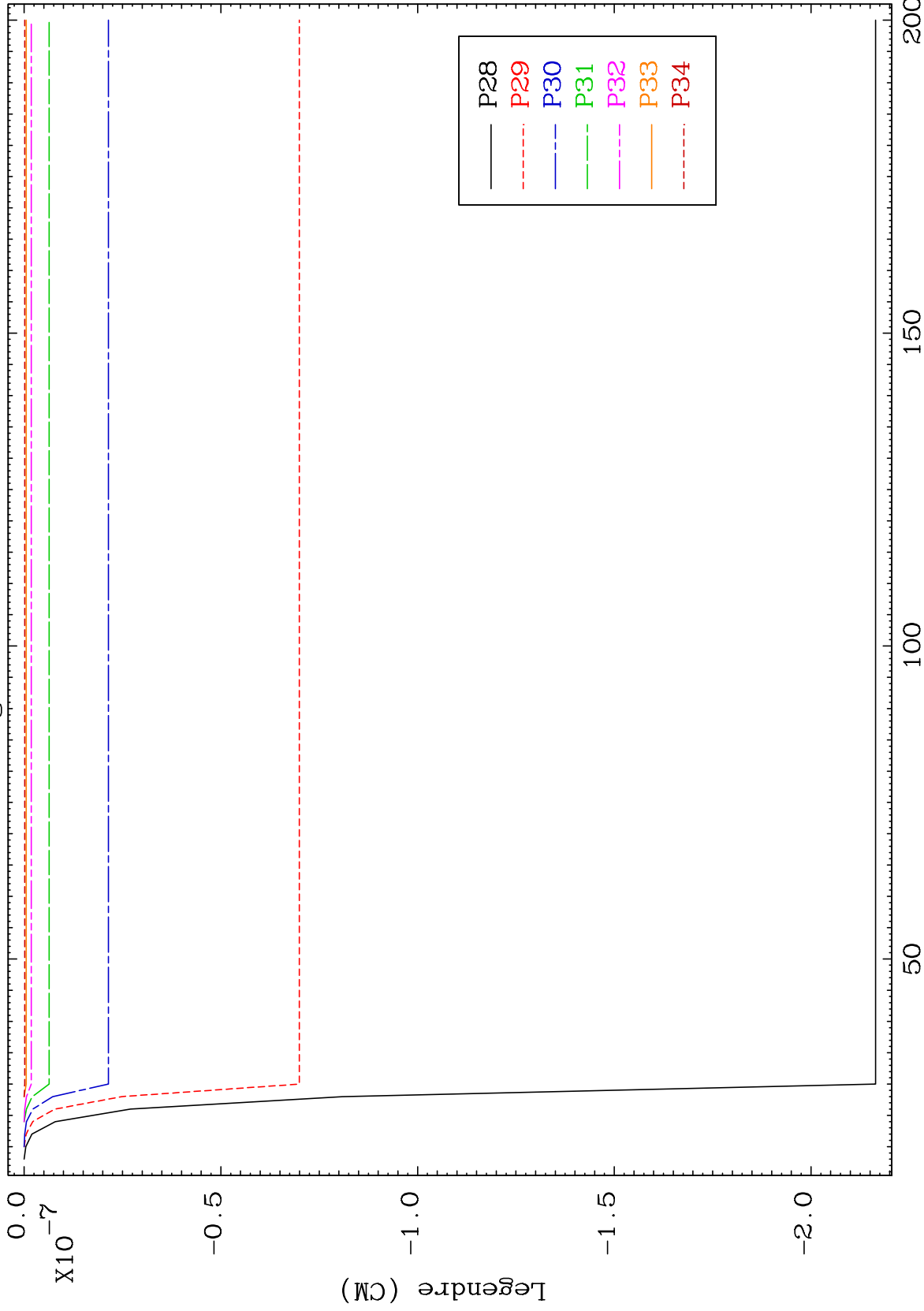
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



115

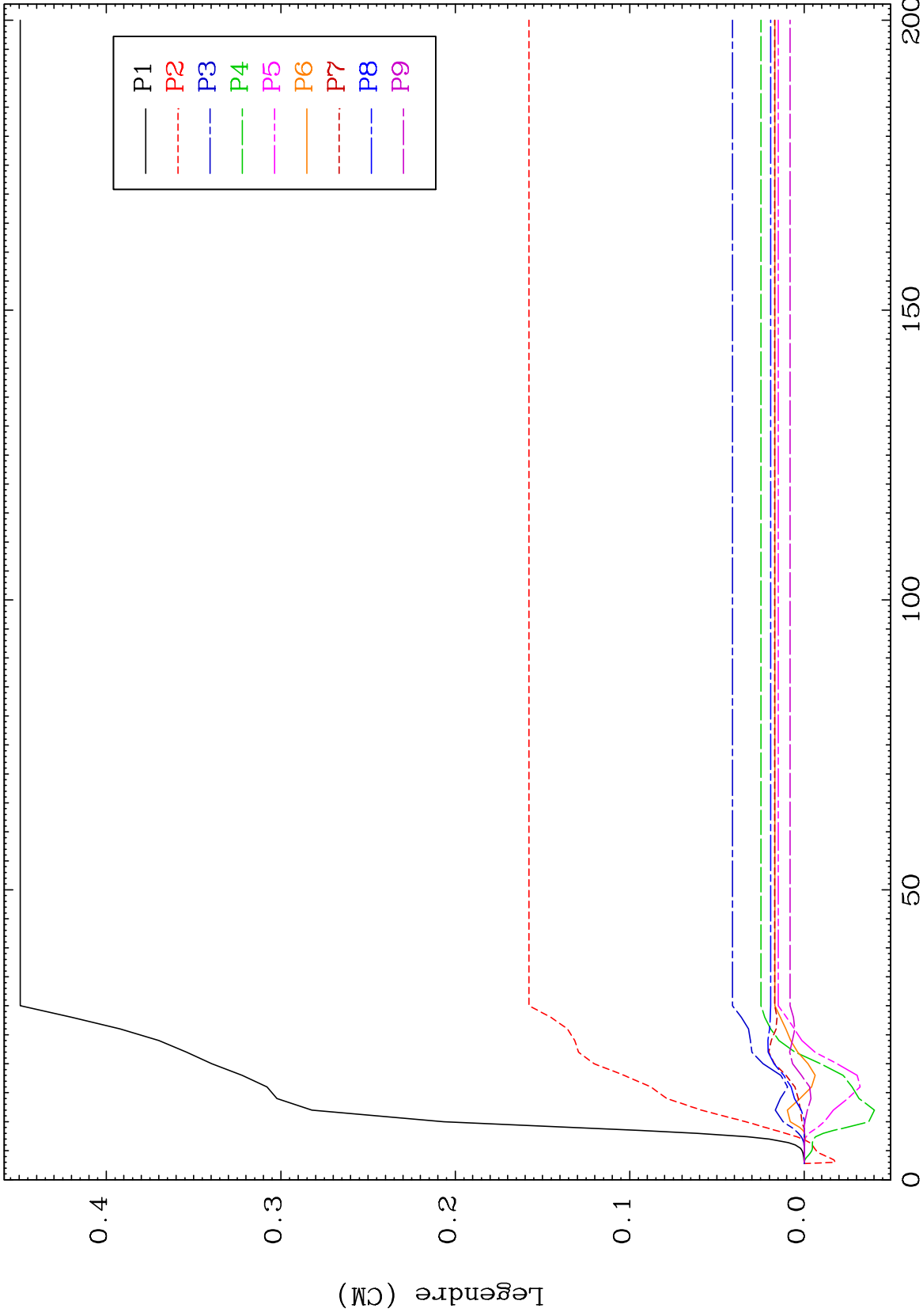
Incident Energy (MeV)

34-Se-83

MAT 3452

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

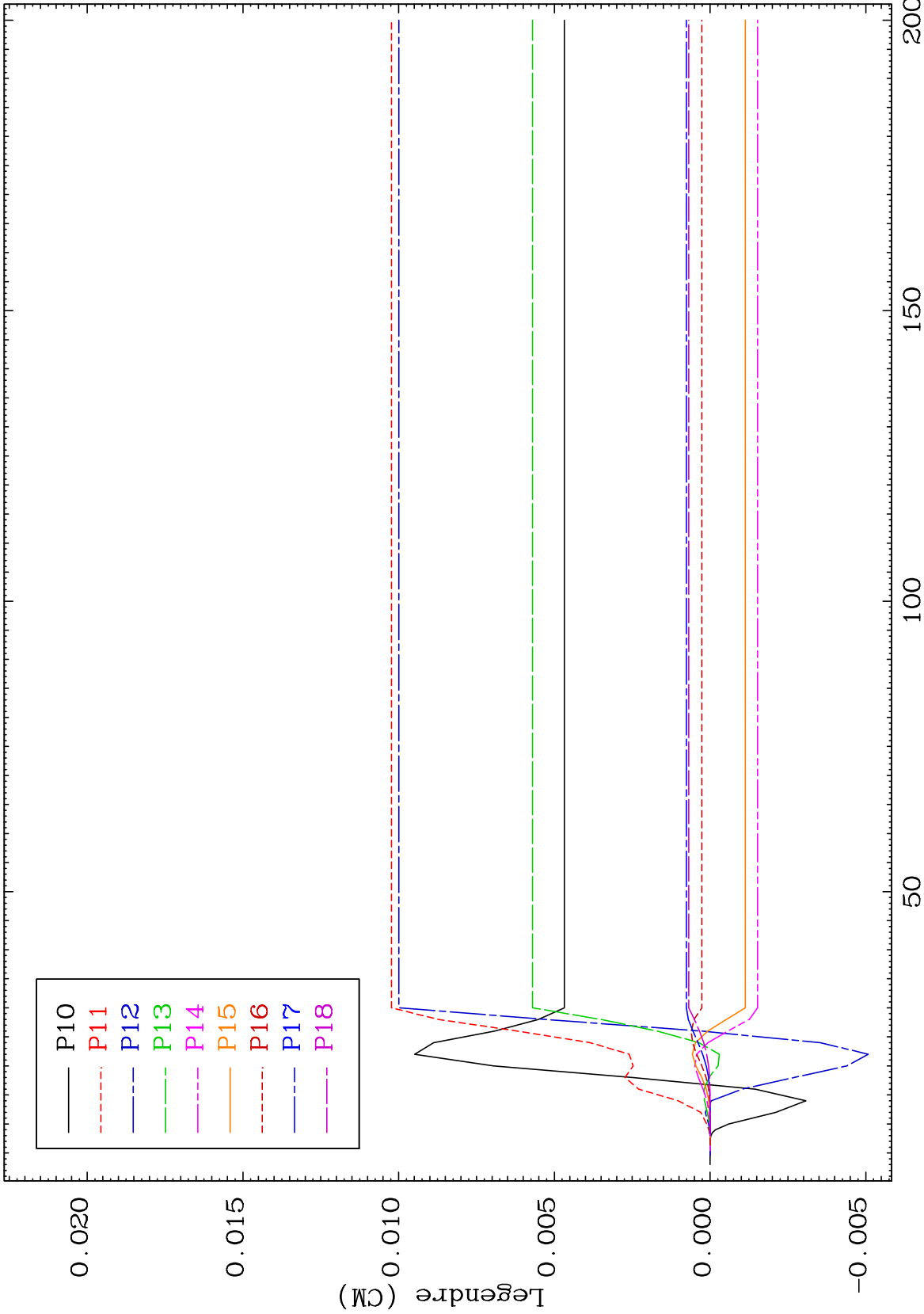
34-Se-83



116

Incident Energy (MeV)

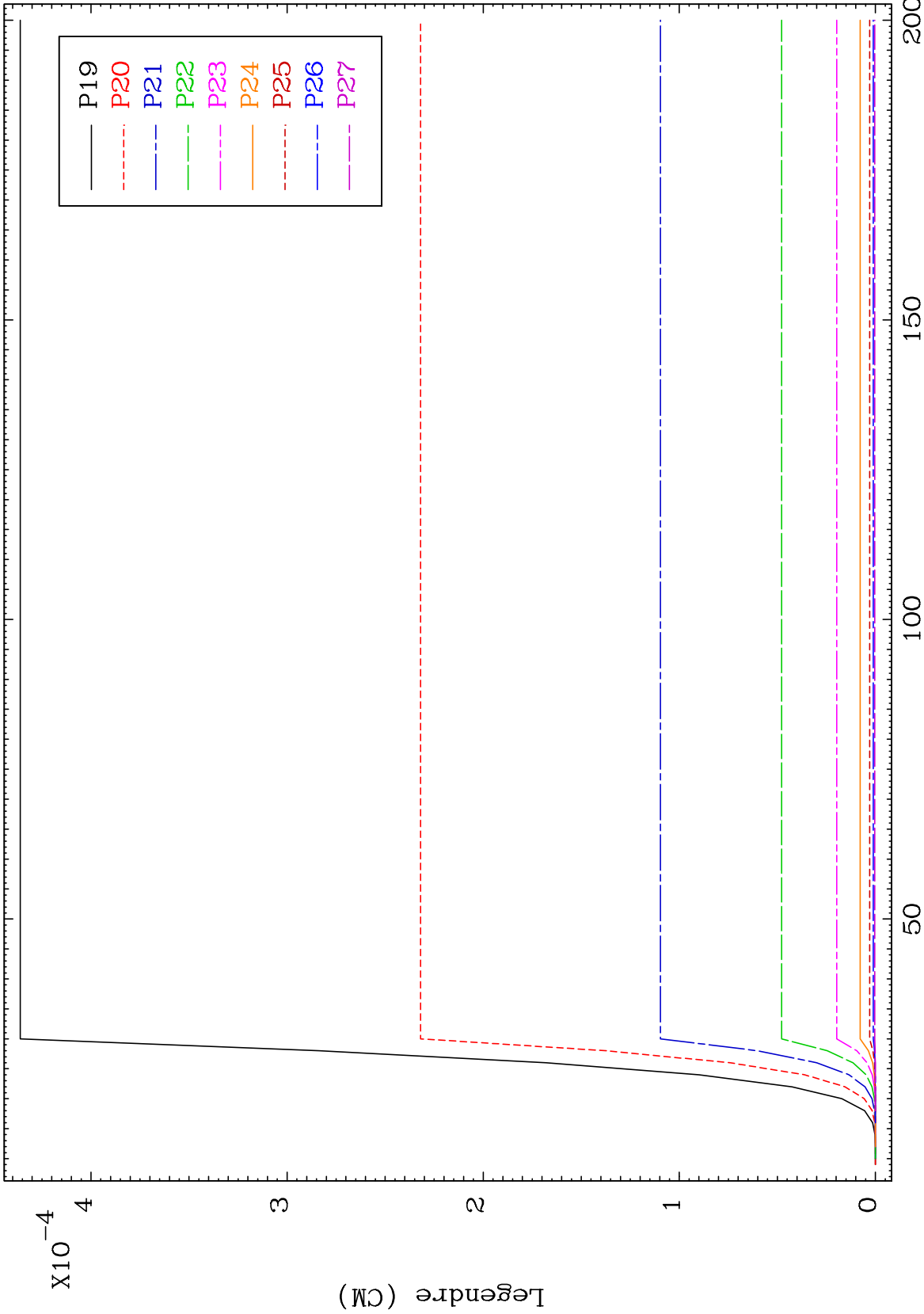
34-Se-83



MAT 3452

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

34-Se-83



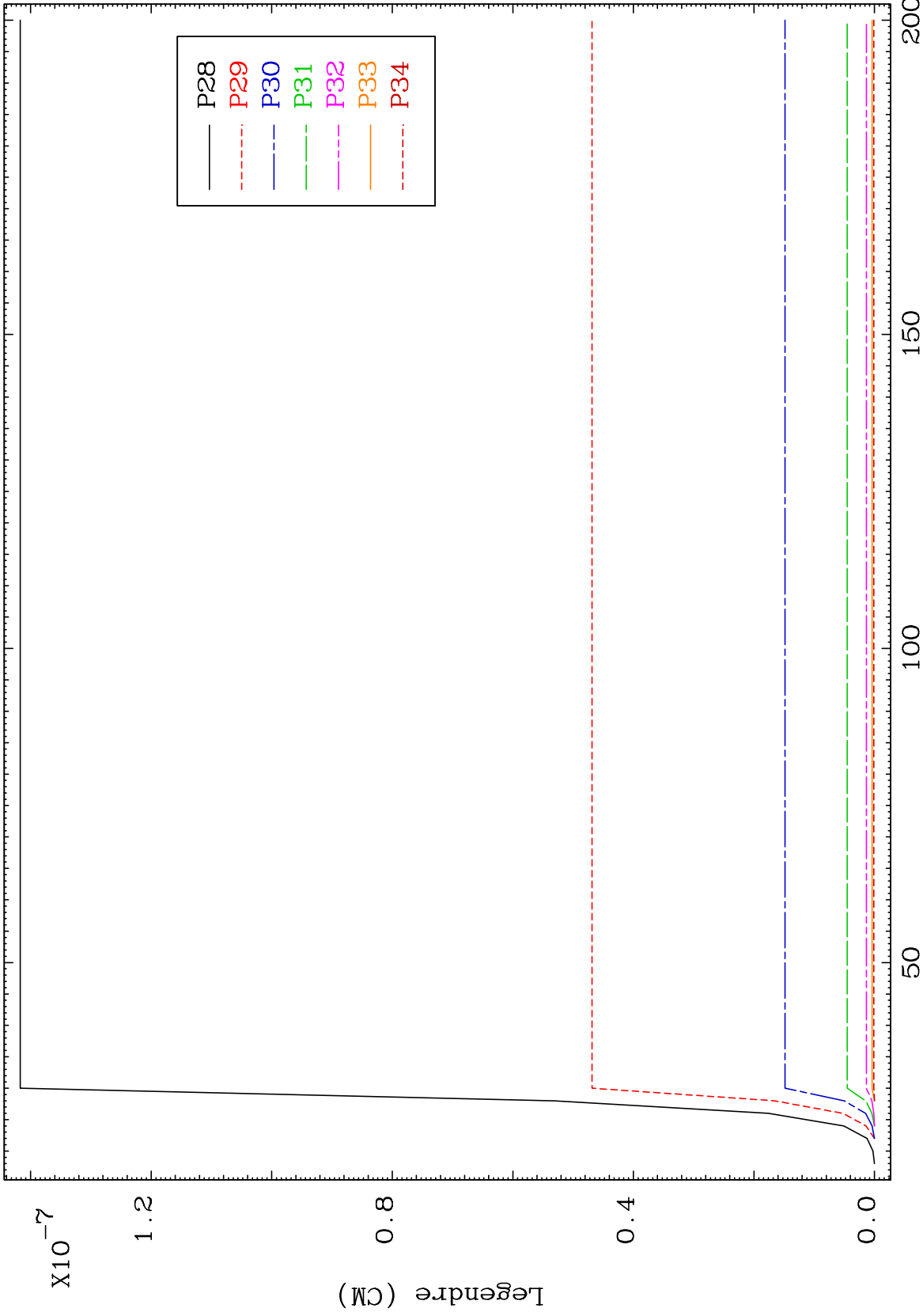
118

34-Se-83

MAT 3452

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

34-Se-83



119

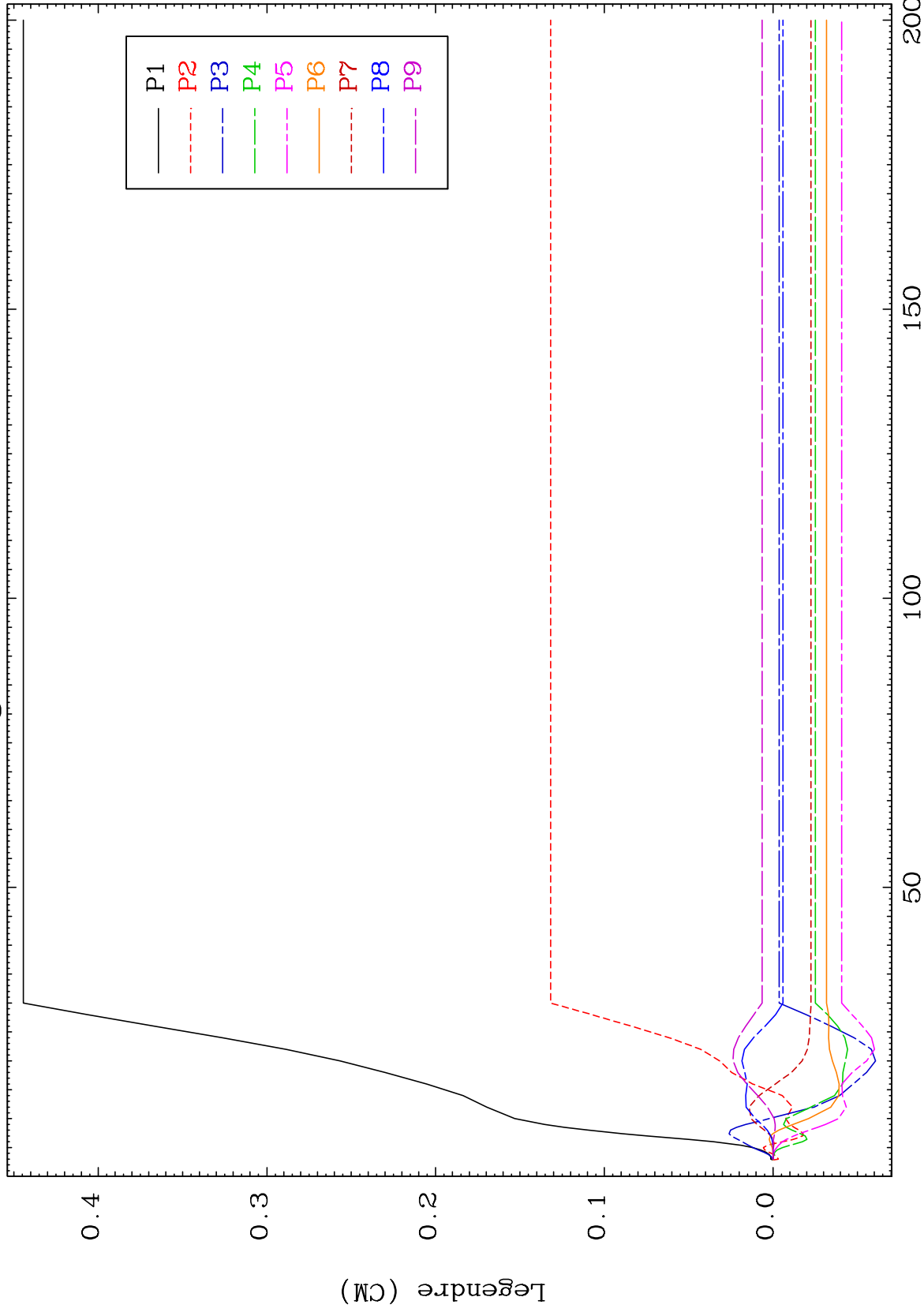
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



120

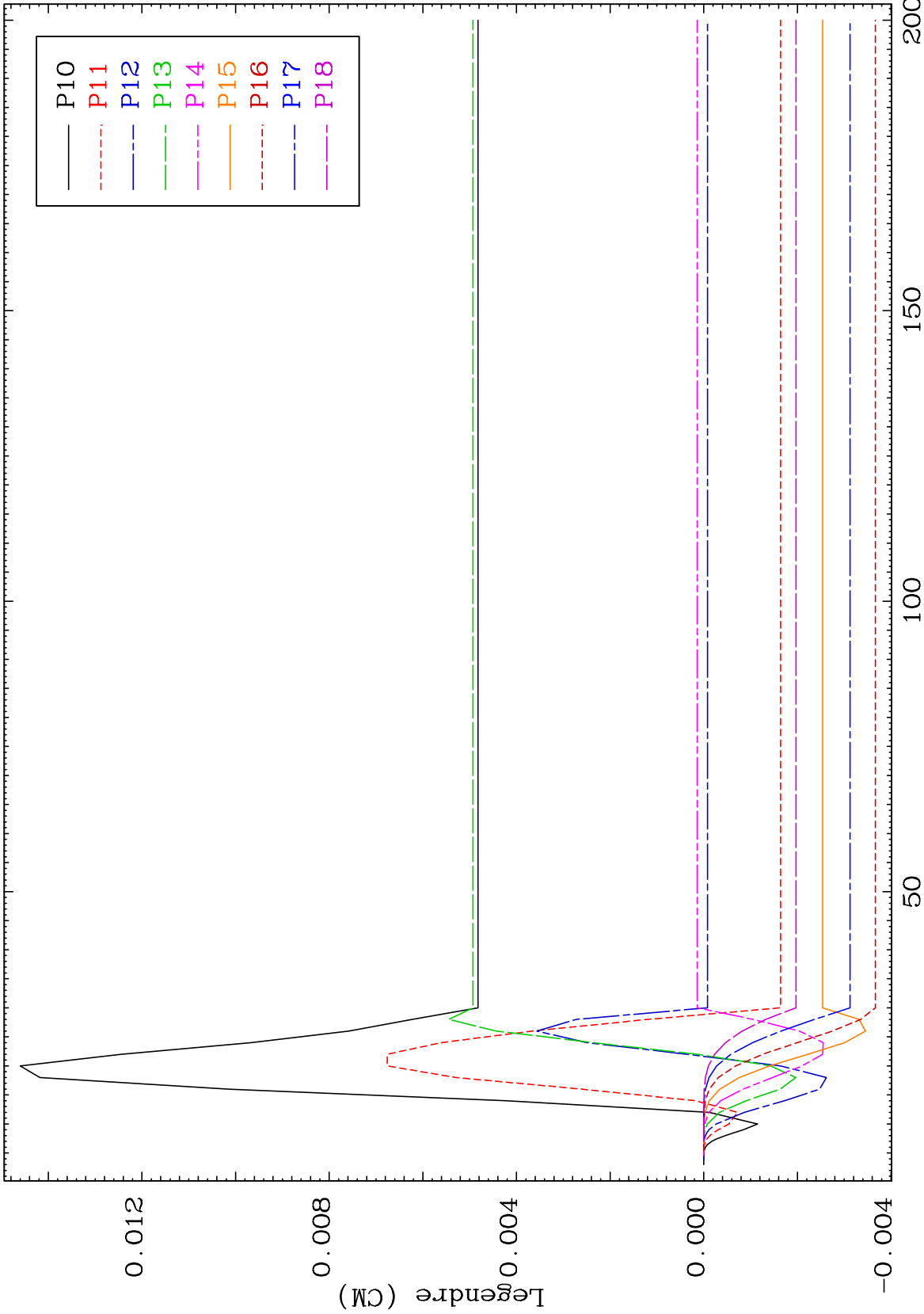
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



121

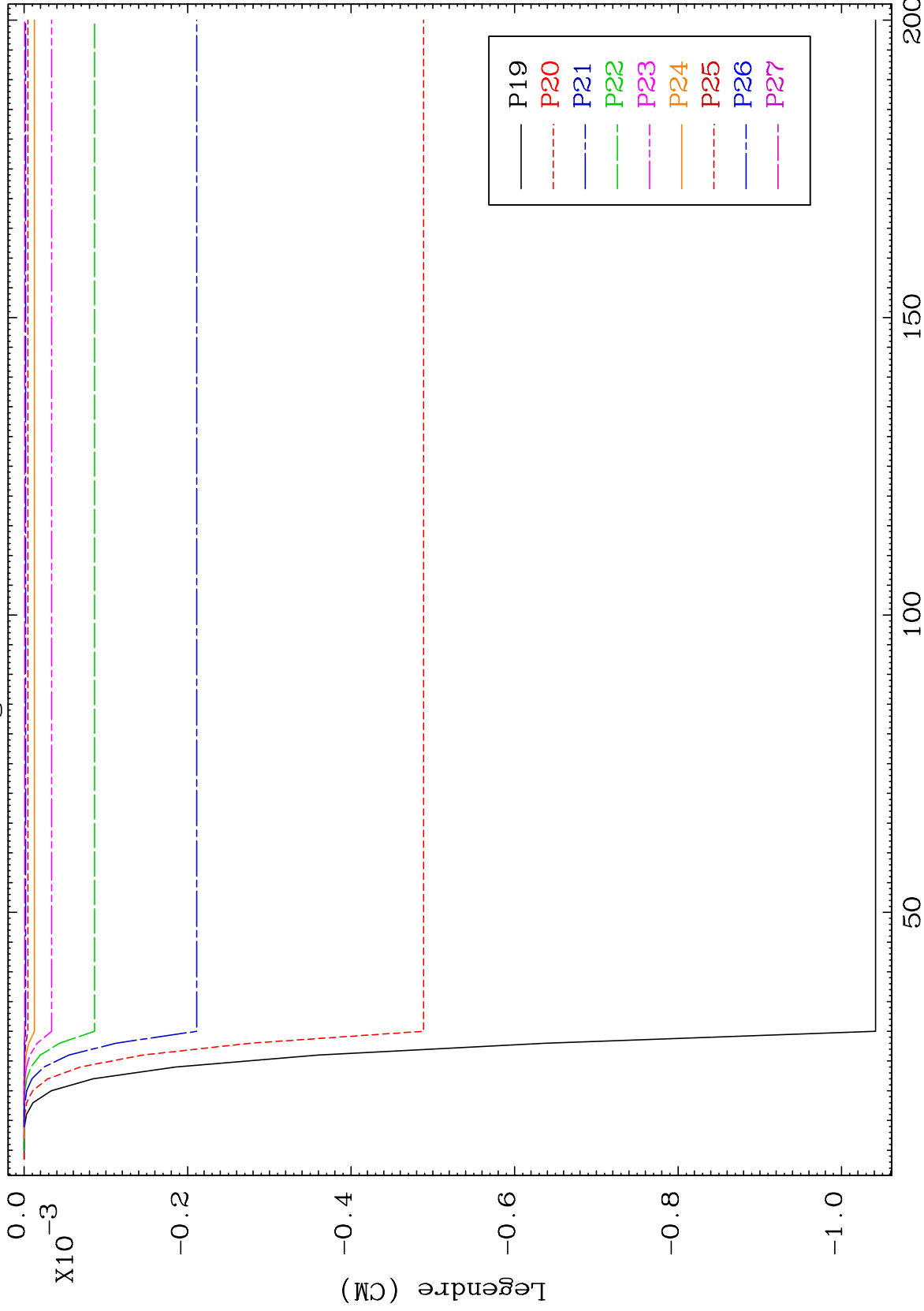
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



122

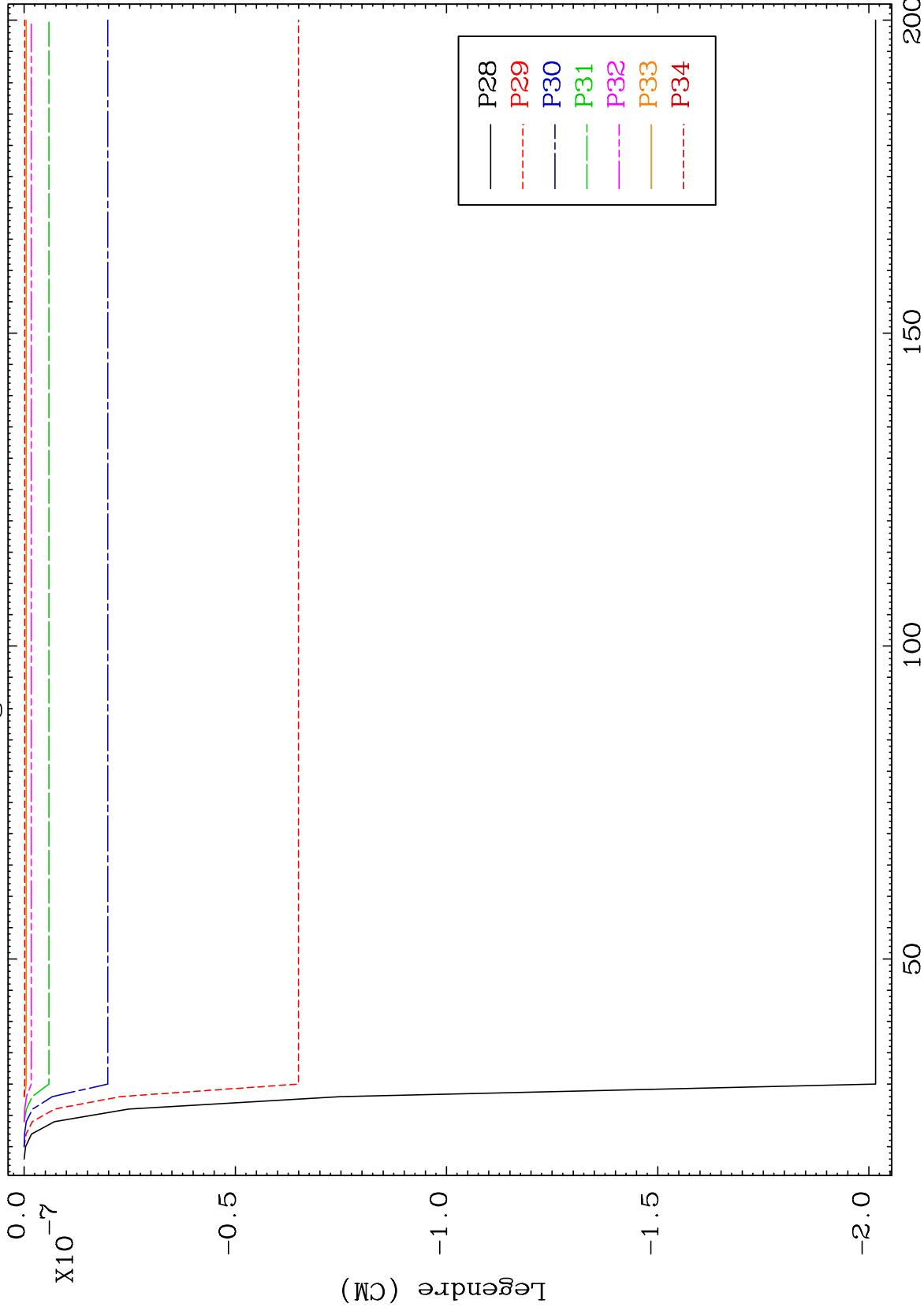
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



123

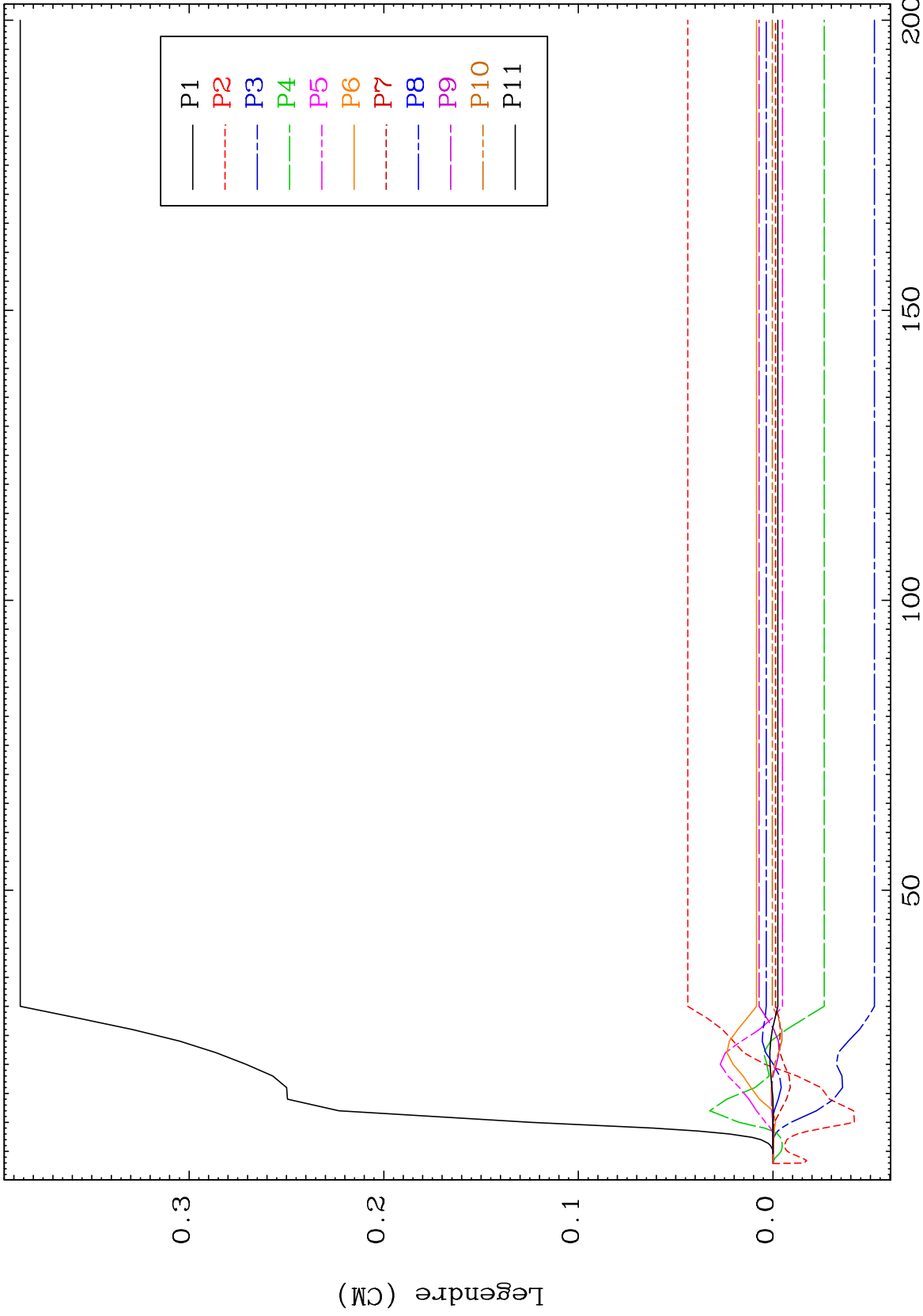
Incident Energy (MeV)

34-Se-83

MAT 3452

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

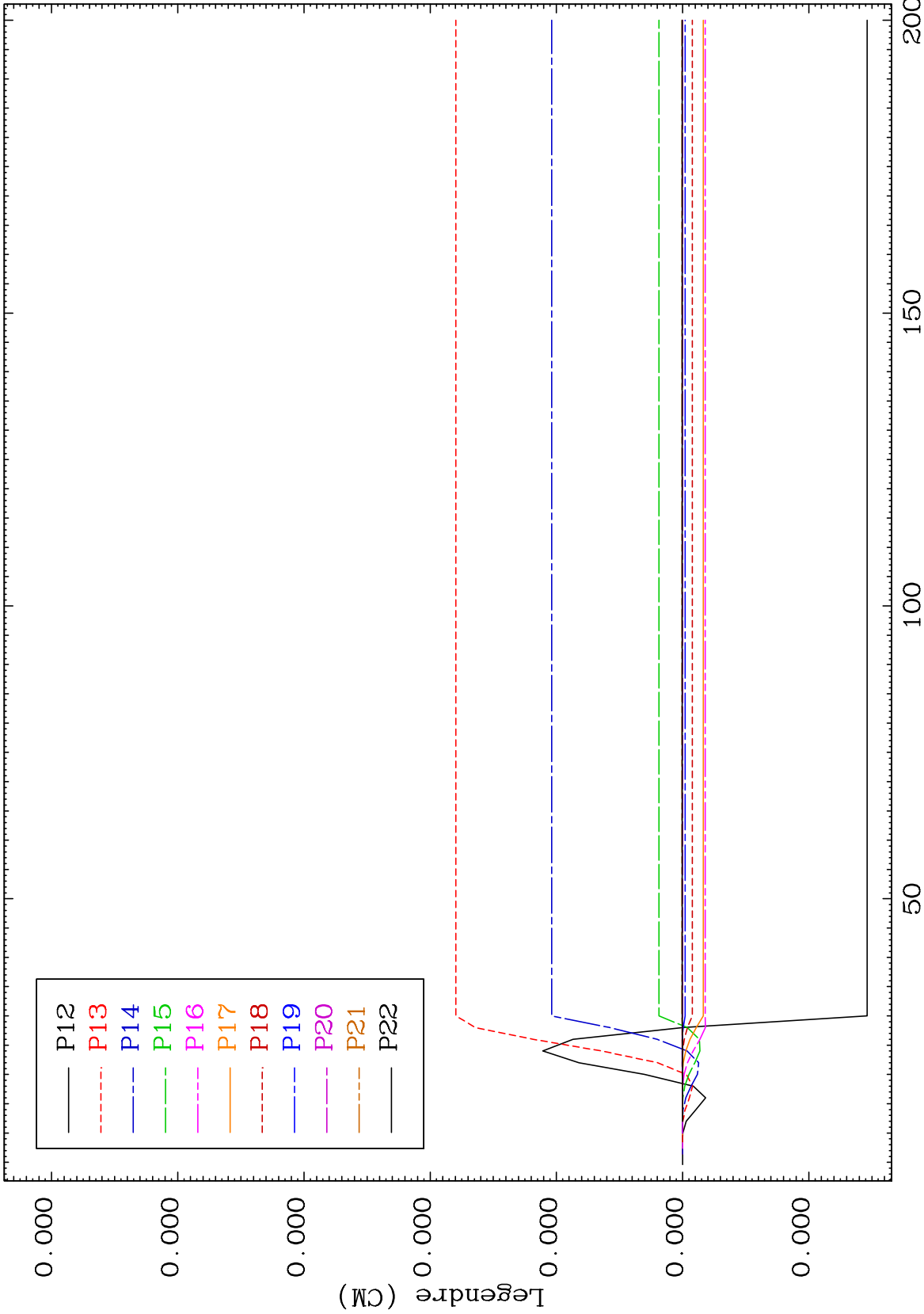
34-Se-83



124

Incident Energy (MeV)

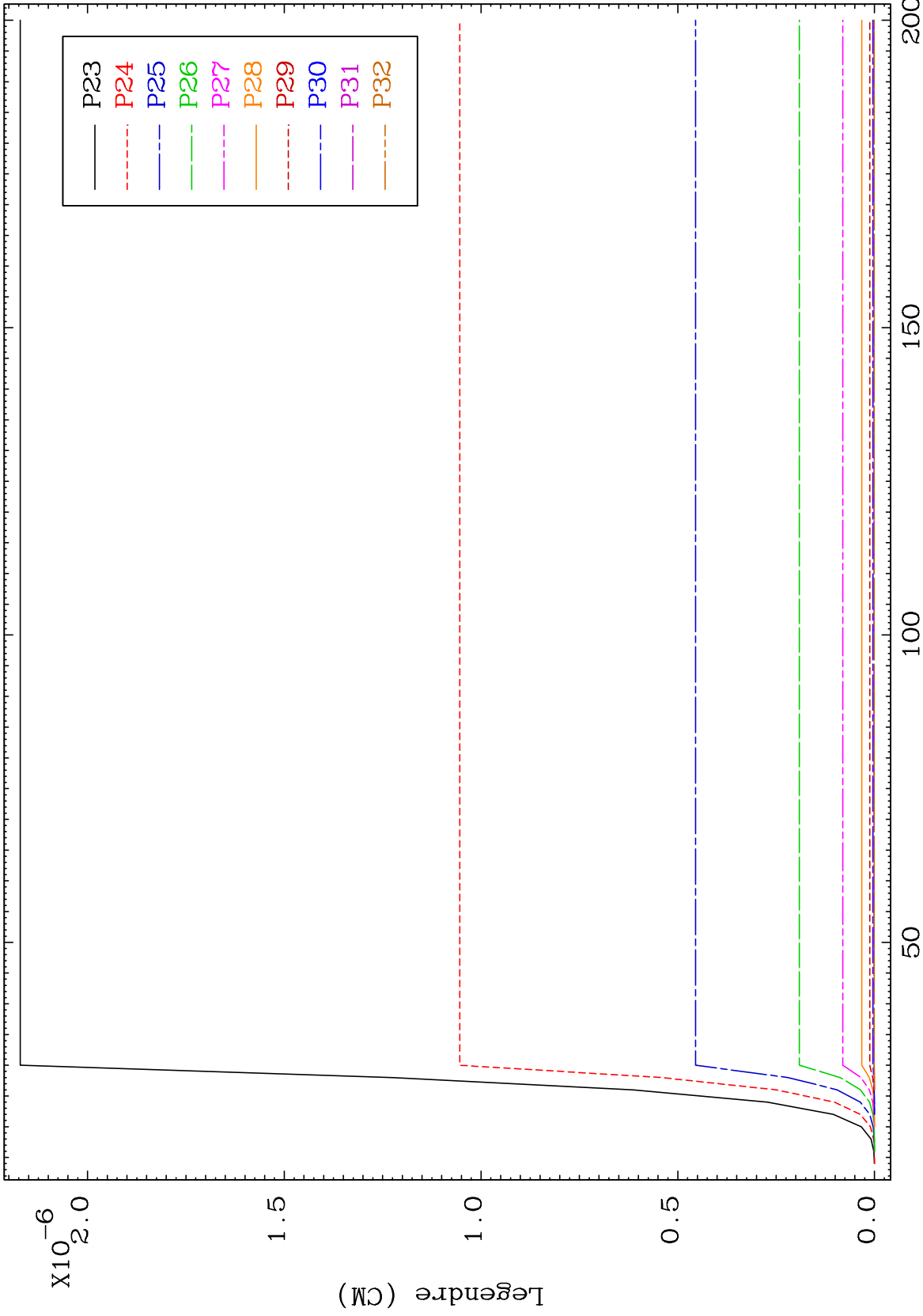
34-Se-83



MAT 3452

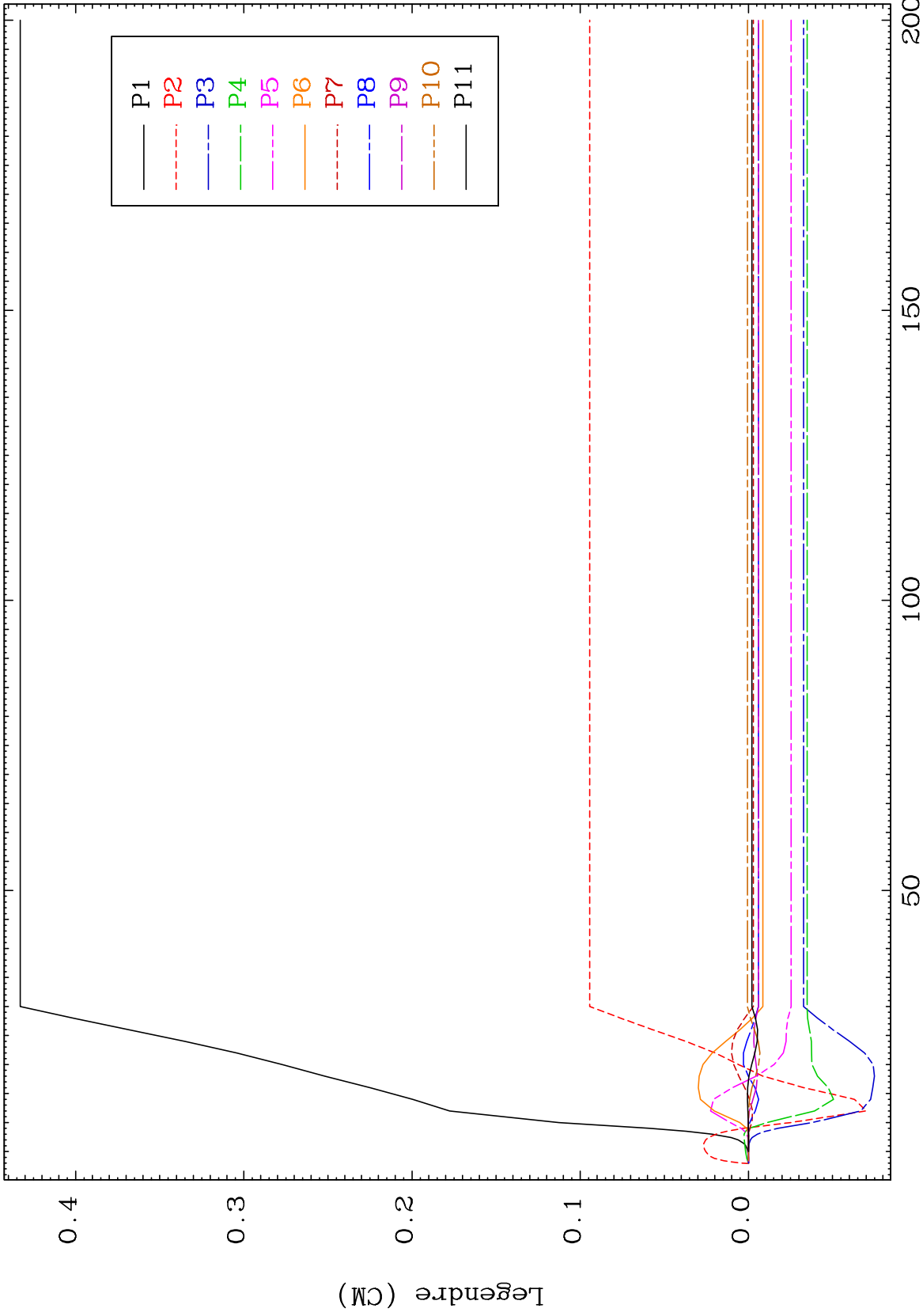
MT= 78 (n,n') Level
Legendre Coefficients

34-Se-83



126

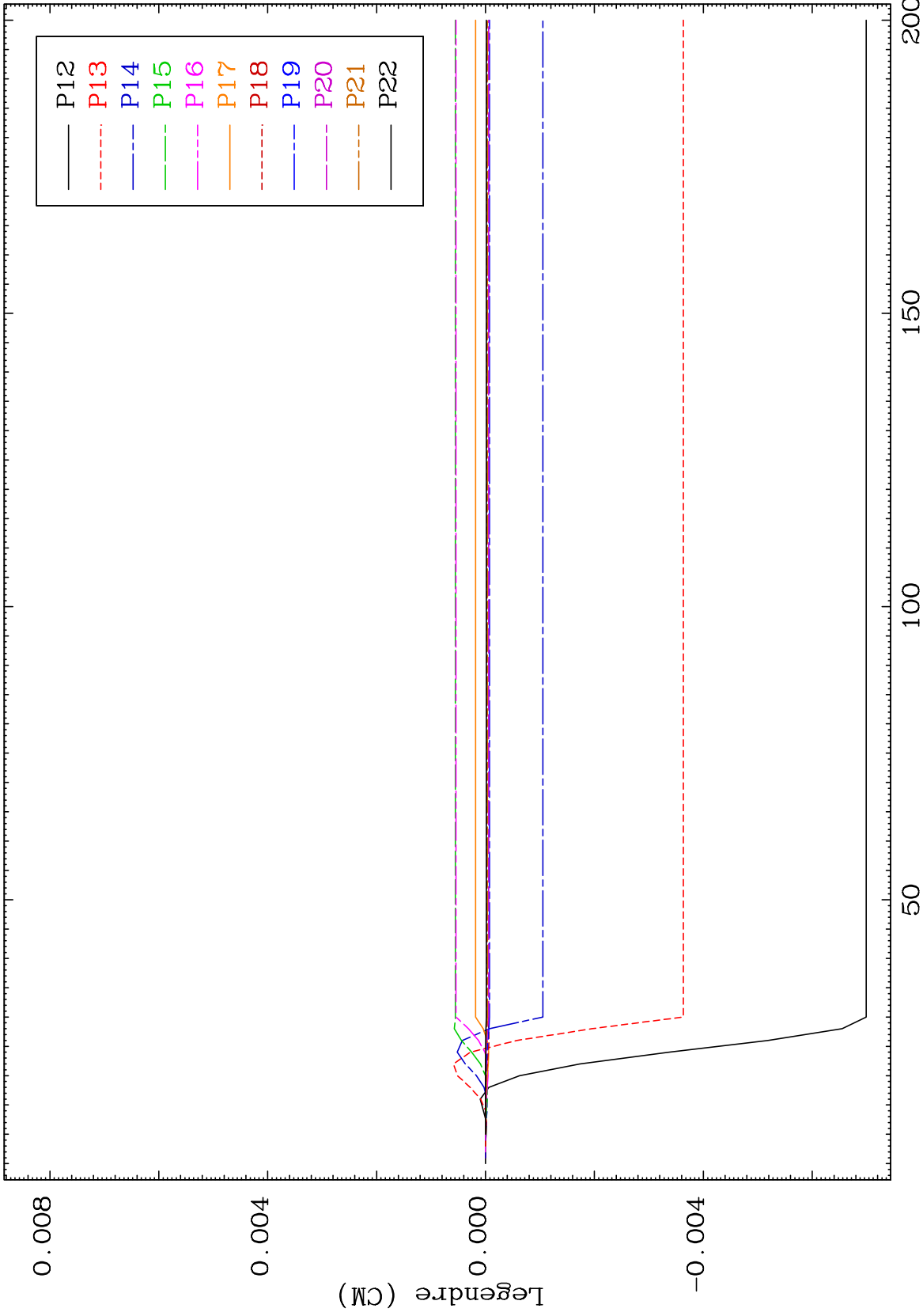
34-Se-83



MAT 3452

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

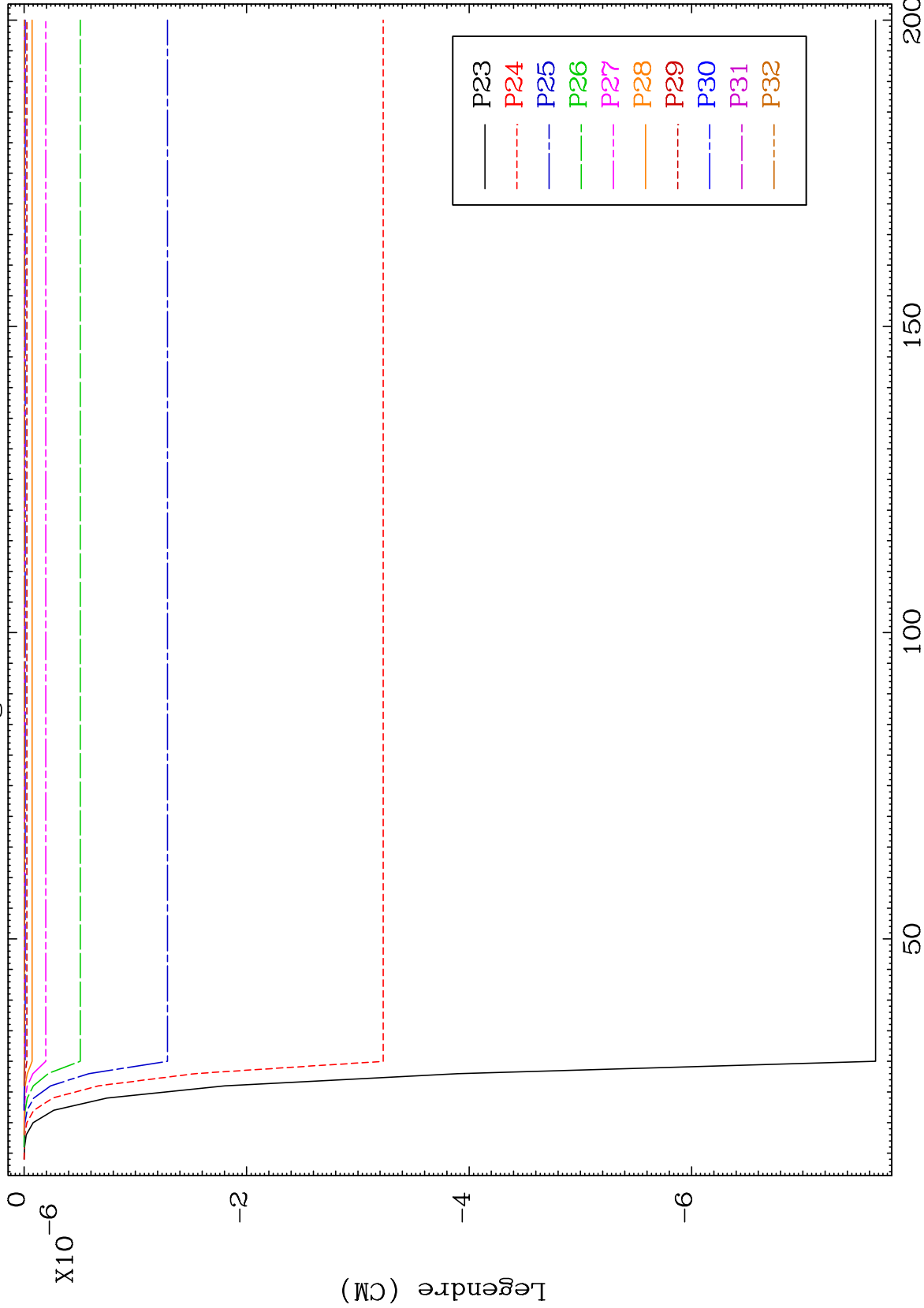
34-Se-83



128

Incident Energy (MeV)

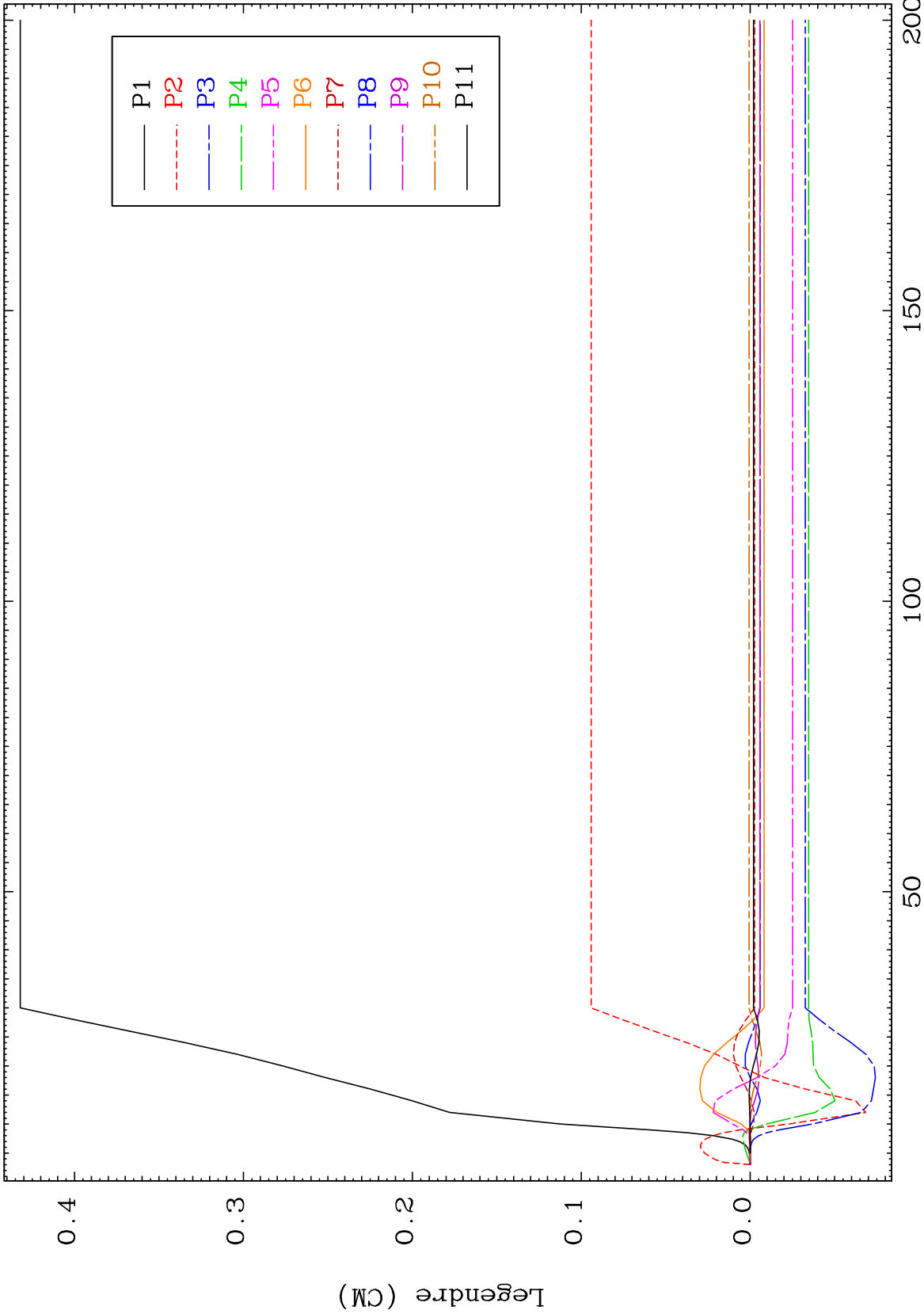
34-Se-83



MAT 3452

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

34-Se-83



130

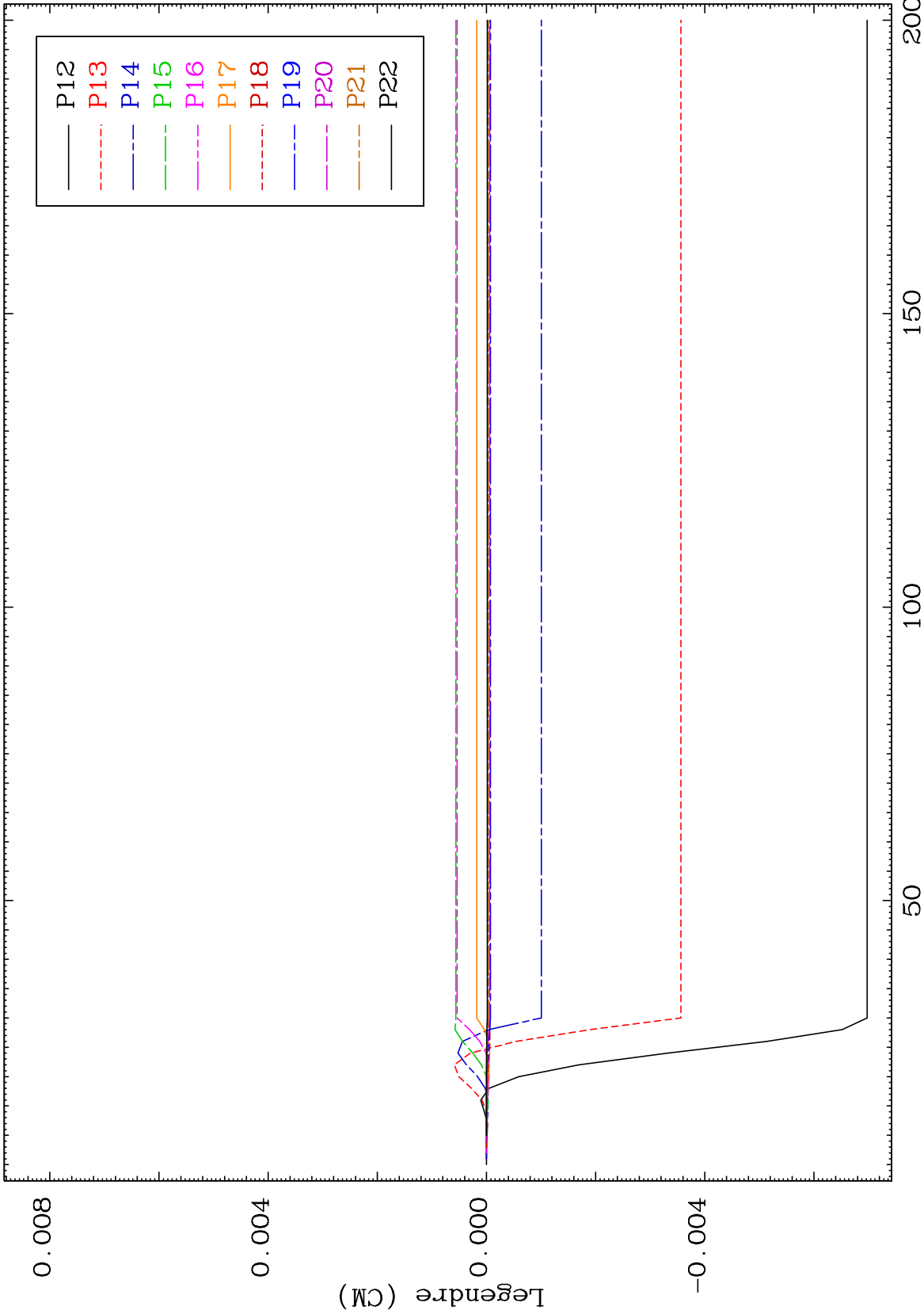
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



131

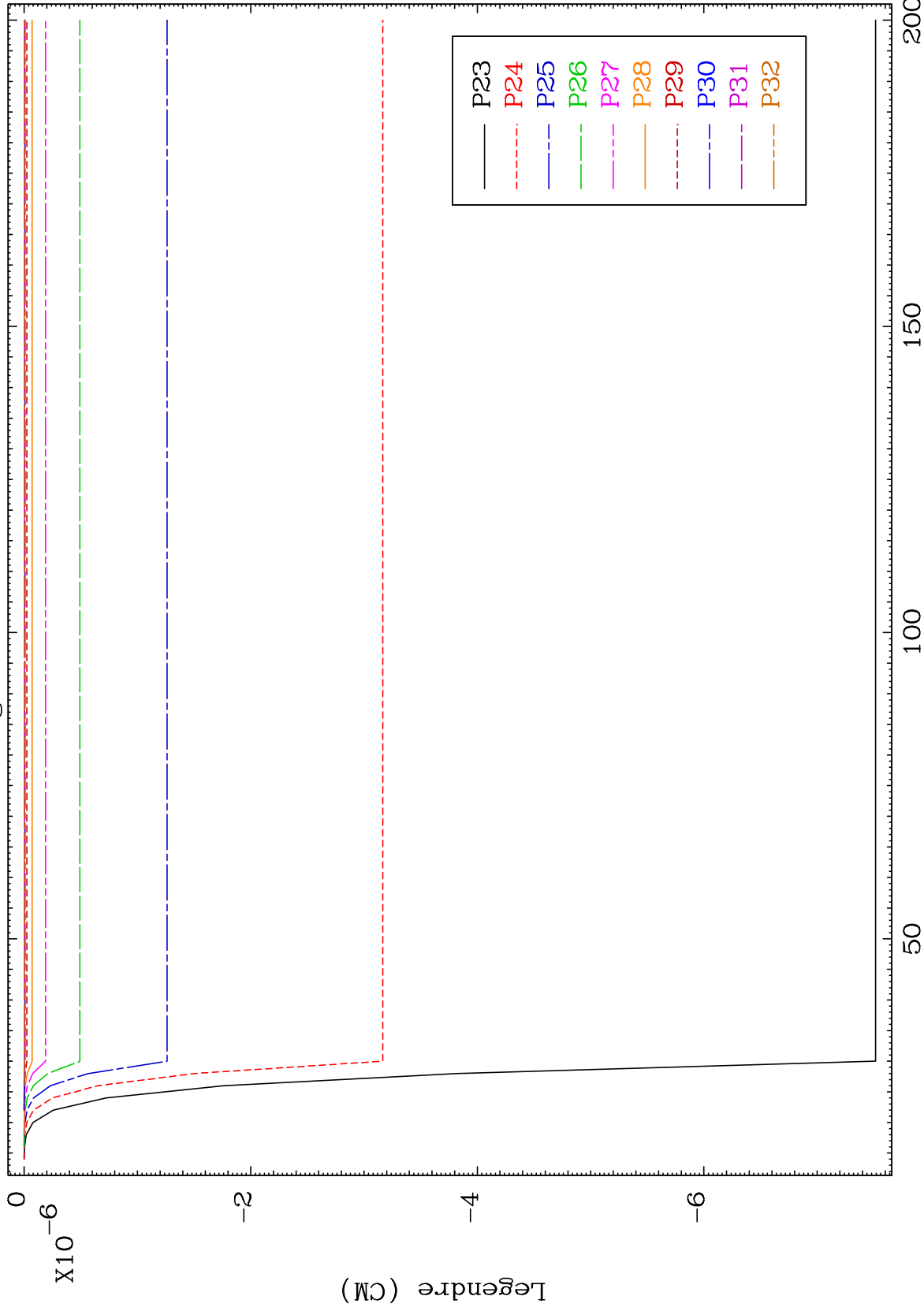
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



132

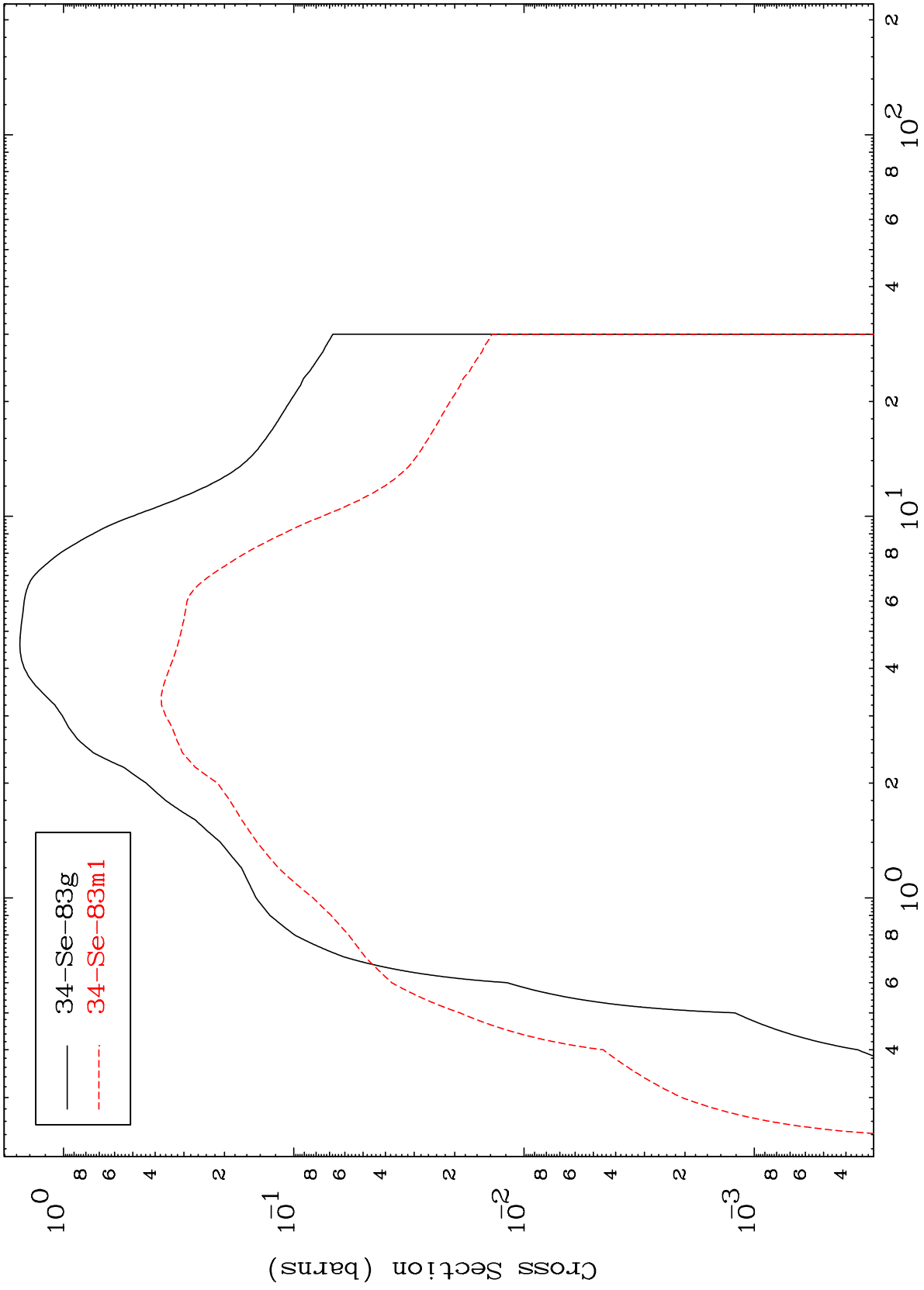
Incident Energy (MeV)

34-Se-83

MAT 3452

Radionuclide Production Cross Section

³⁴Se-83



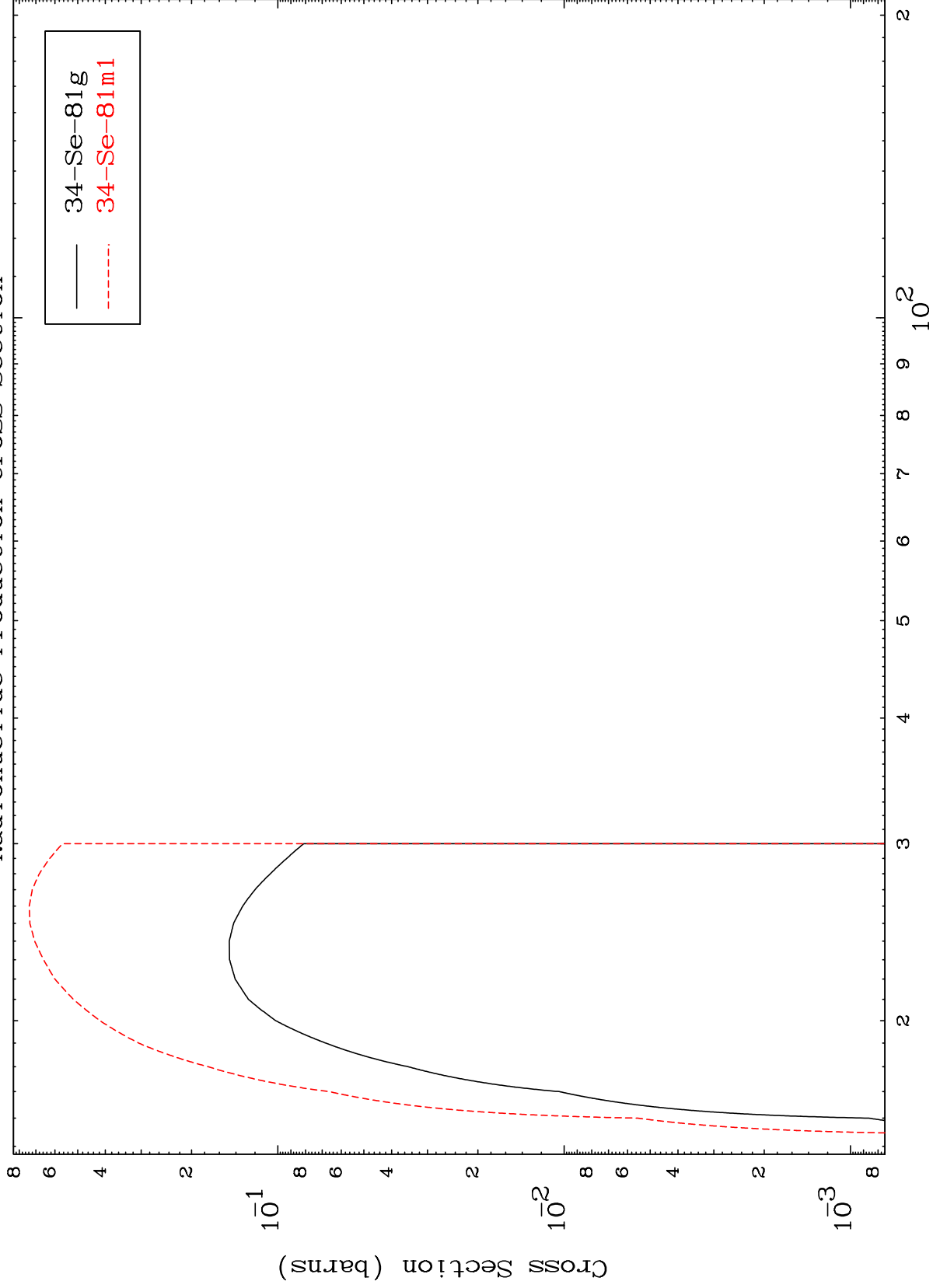
133

³⁴Se-83

MAT 3452

34-Se-83

(n,3n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

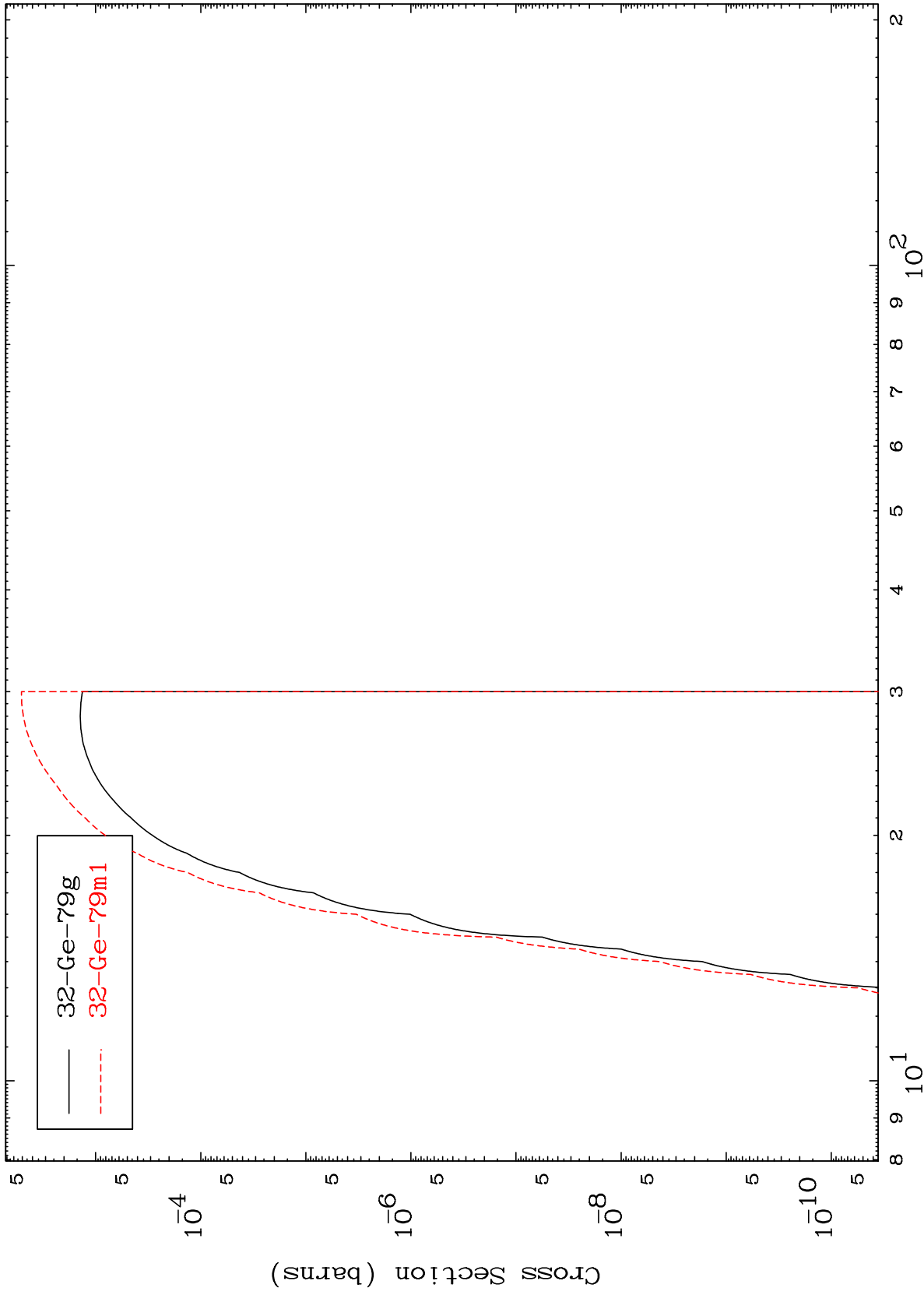
34-Se-83

MAT 3452

(n,n') α

34-Ge-83

Radionuclide Production Cross Section



135

Incident Energy (MeV)

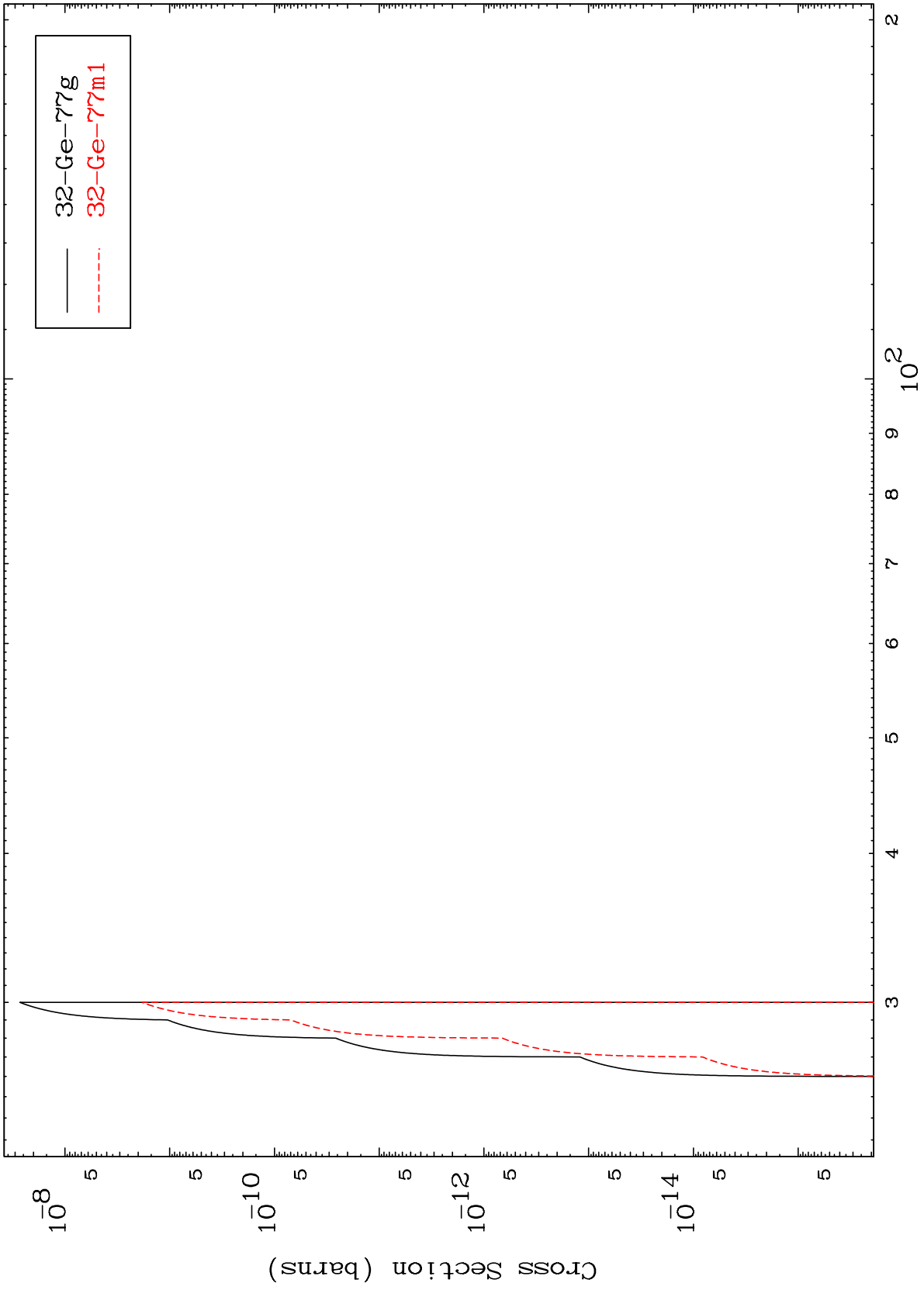
34-Ge-83

MAT 3452

(n,3n) α

34-^{Se}-83

Radionuclide Production Cross Section



136

Incident Energy (MeV)

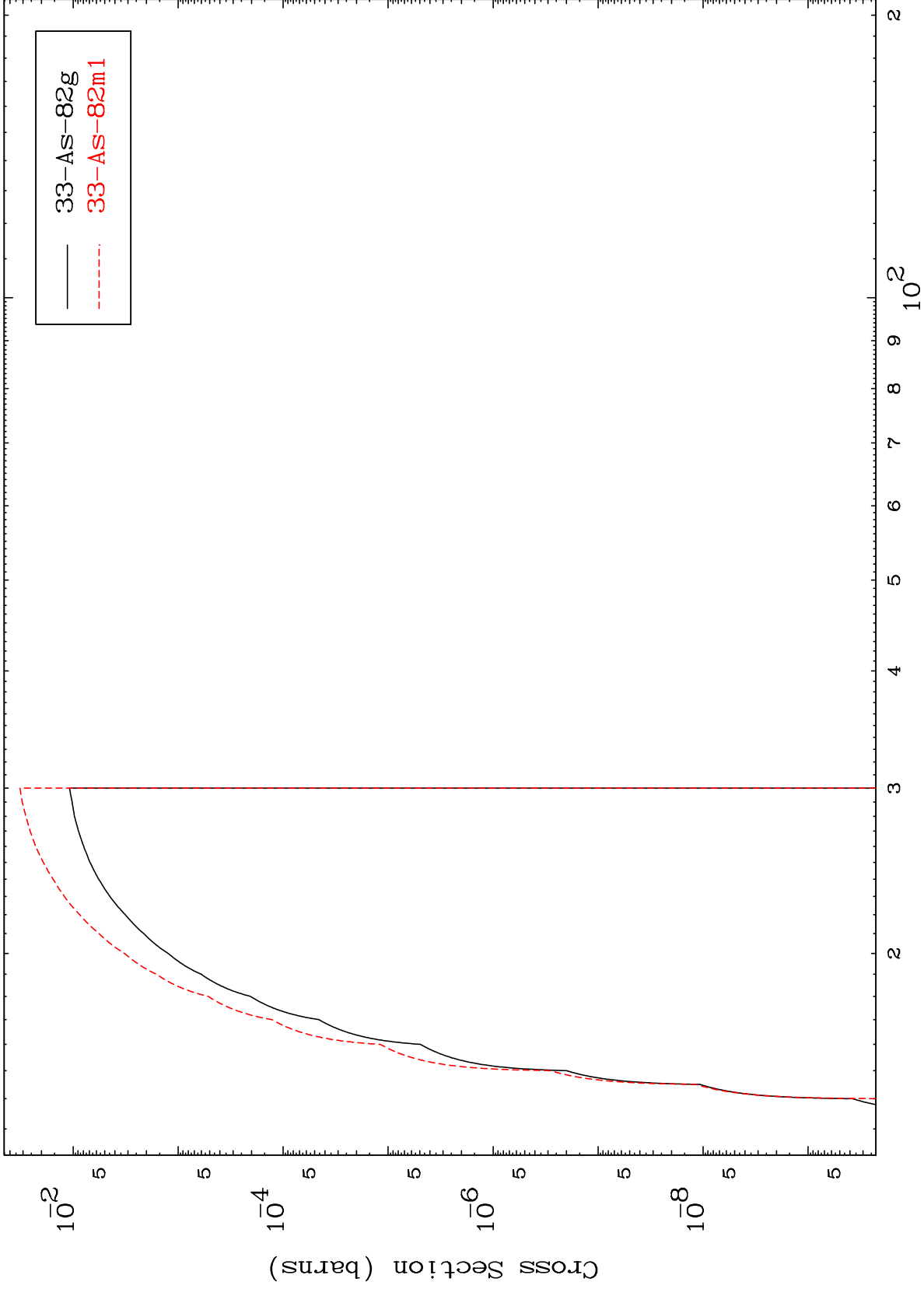
34-^{Se}-83

MAT 3452

(n,n') p

34-Se-83

Radionuclide Production Cross Section



137

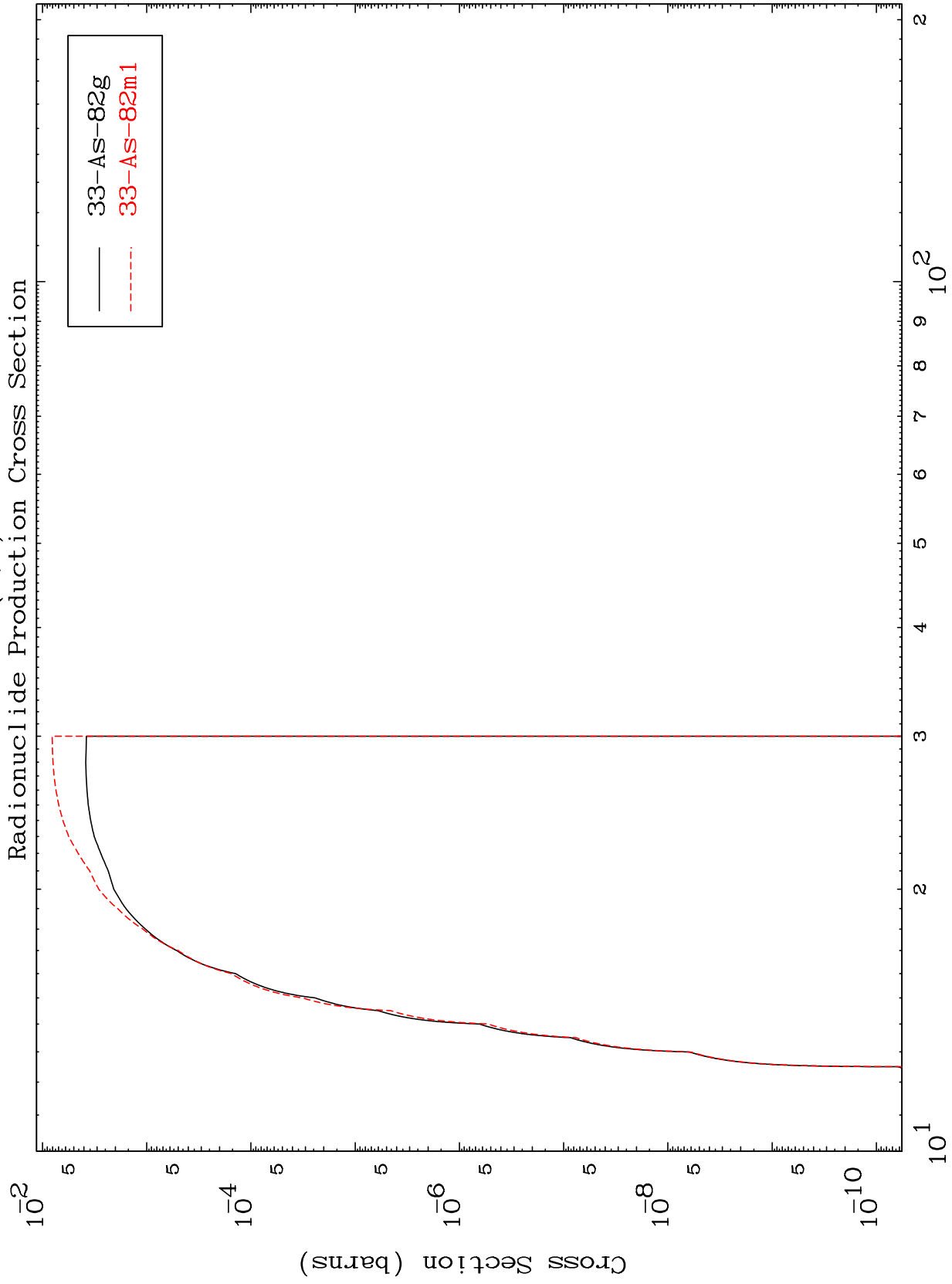
Incident Energy (MeV)

34-Se-83

MAT 3452

(n,d)

34-Se-83



138

Incident Energy (MeV)

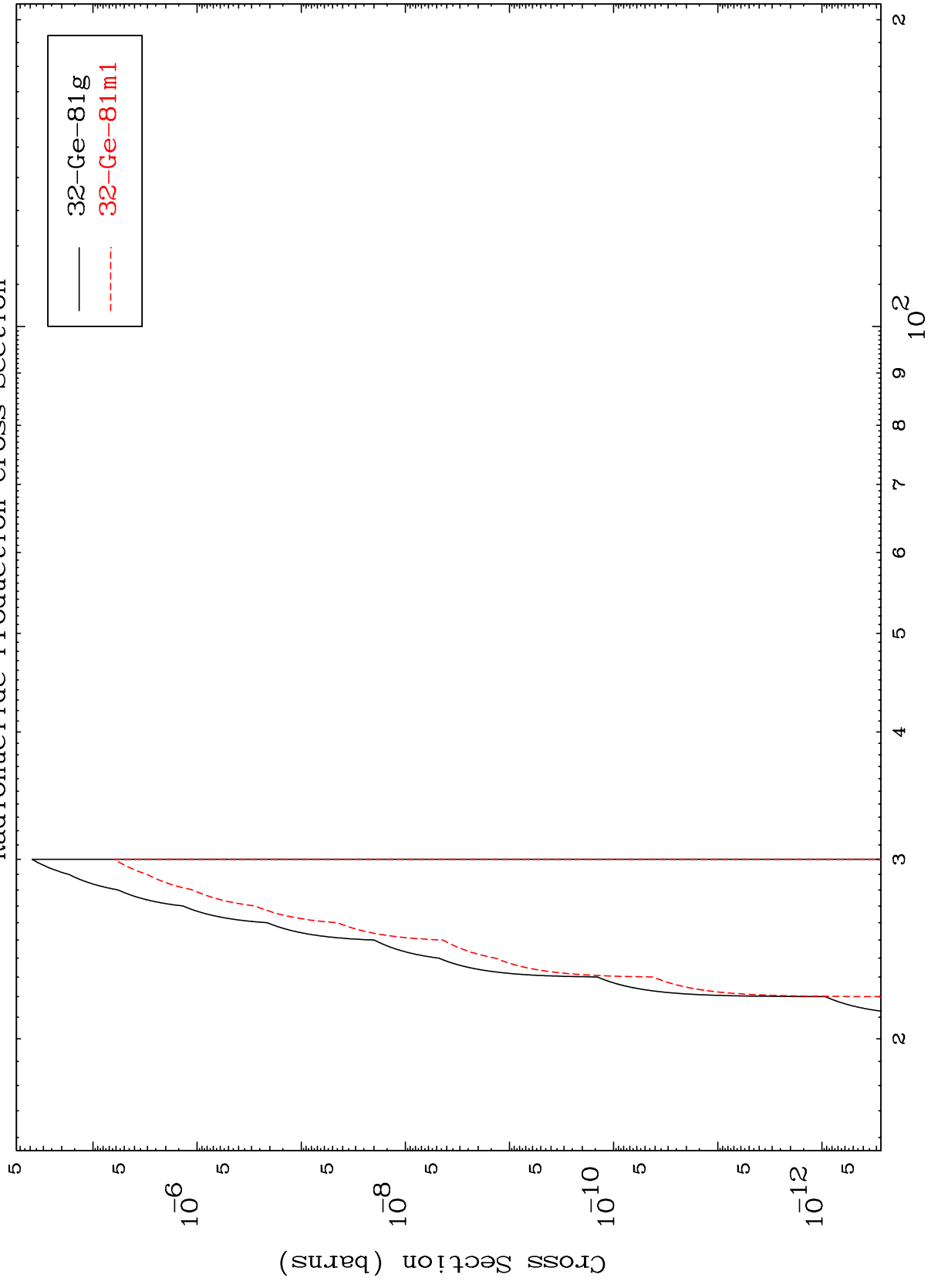
34-Se-83

MAT 3452

(n,He-3)

34-Ge-83

Radionuclide Production Cross Section



139

Incident Energy (MeV)

34-Ge-83