

Program EVALPLOT
(Version 2018-1)

by

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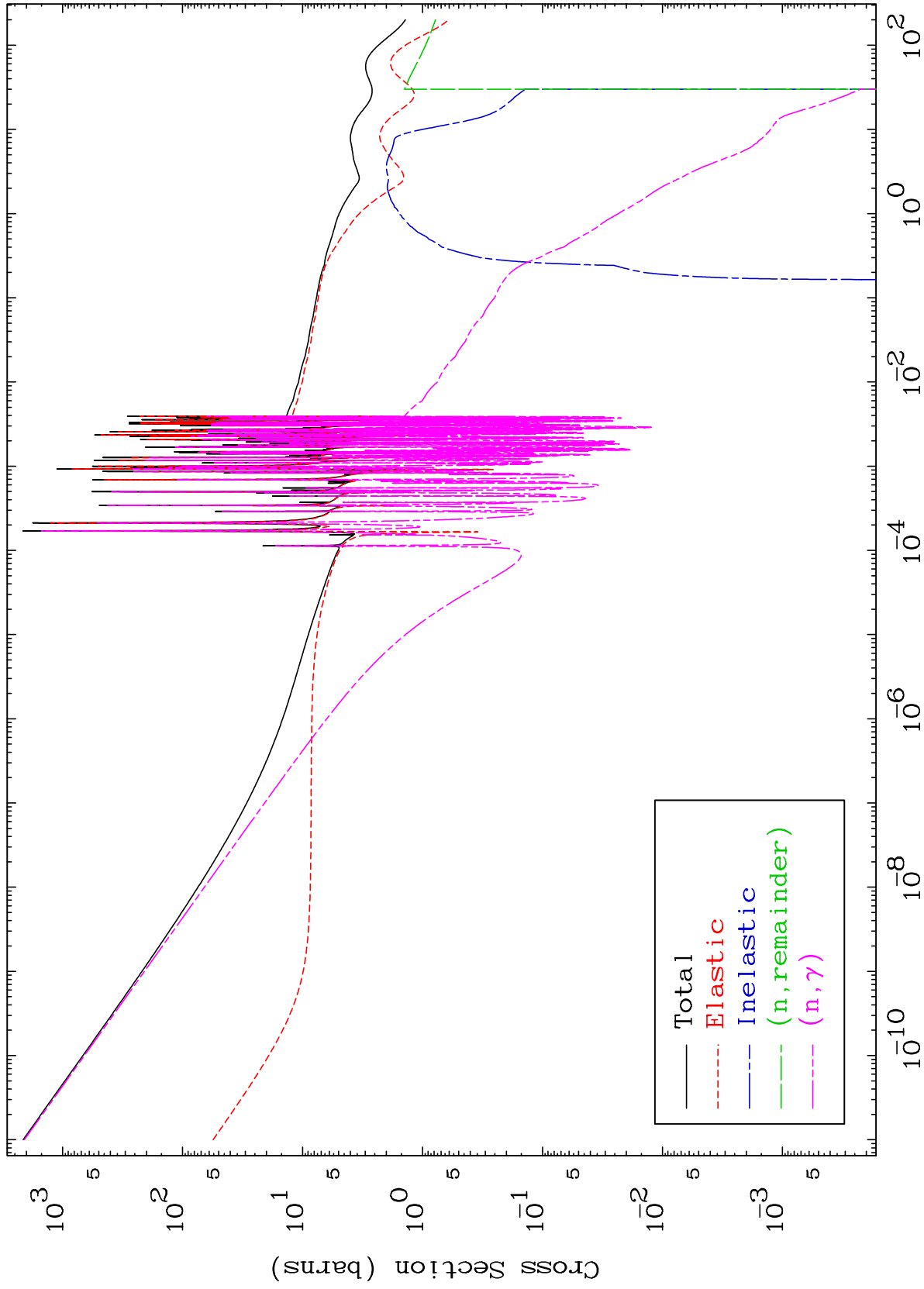
Press Mouse Button to Start

MAT 3434

Major

293 Kelvin Cross Sections

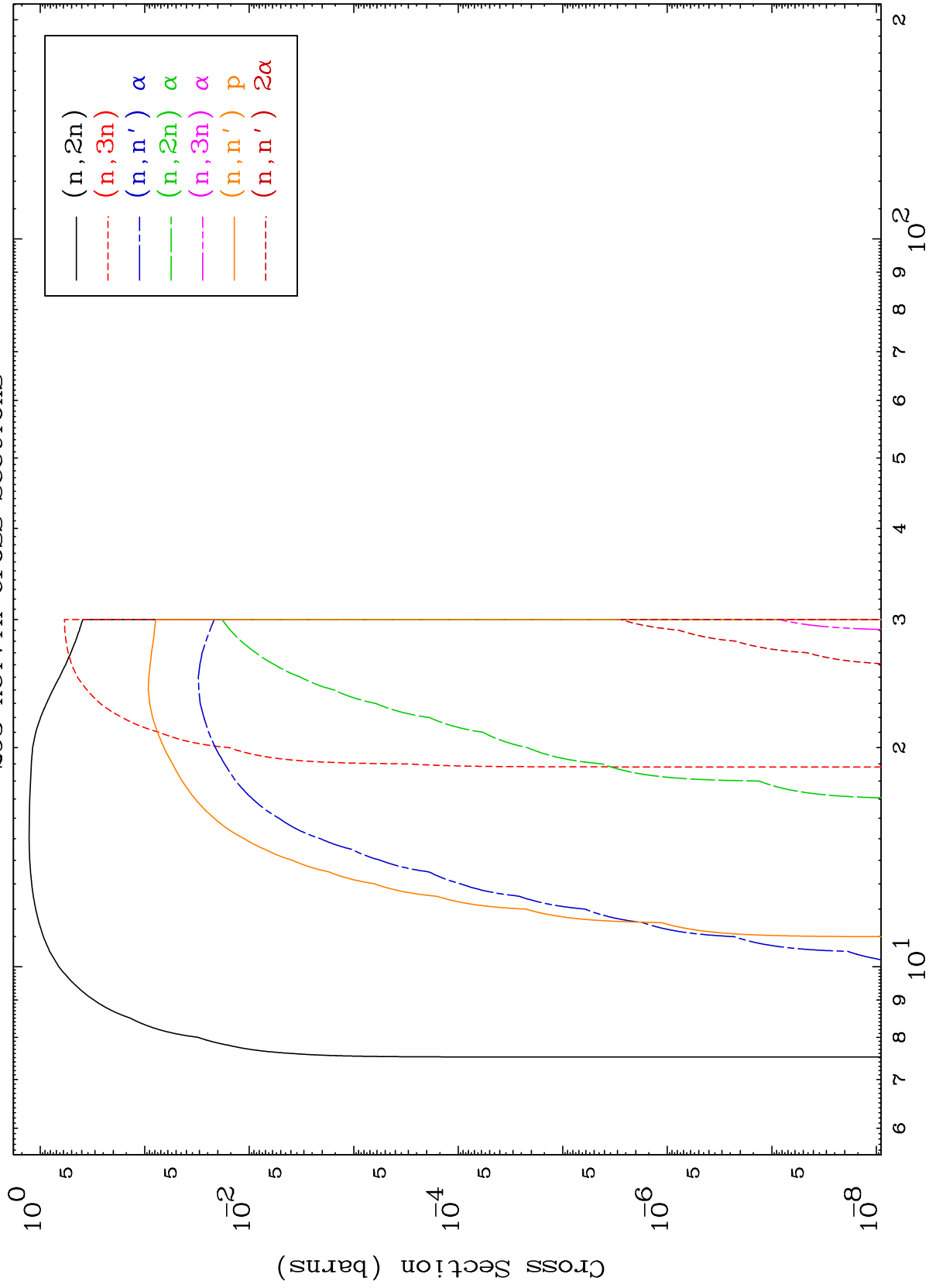
34-Se-77



MAT 3434

Neutron Production
293 Kelvin Cross Sections

34-Se-77



2

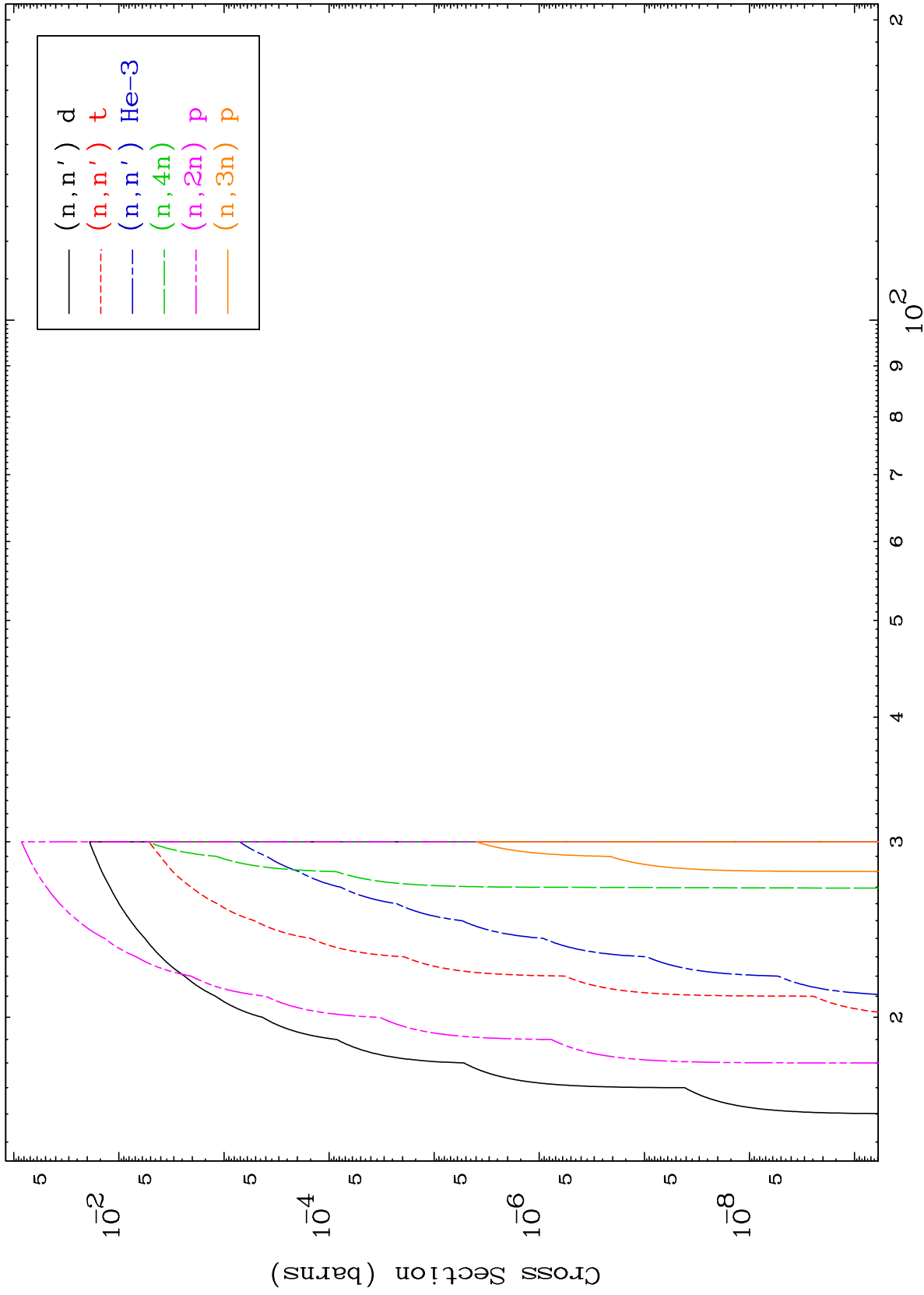
Incident Energy (MeV)

34-Se-77

MAT 3434

Neutron Production
293 Kelvin Cross Sections

34-Se-77



3

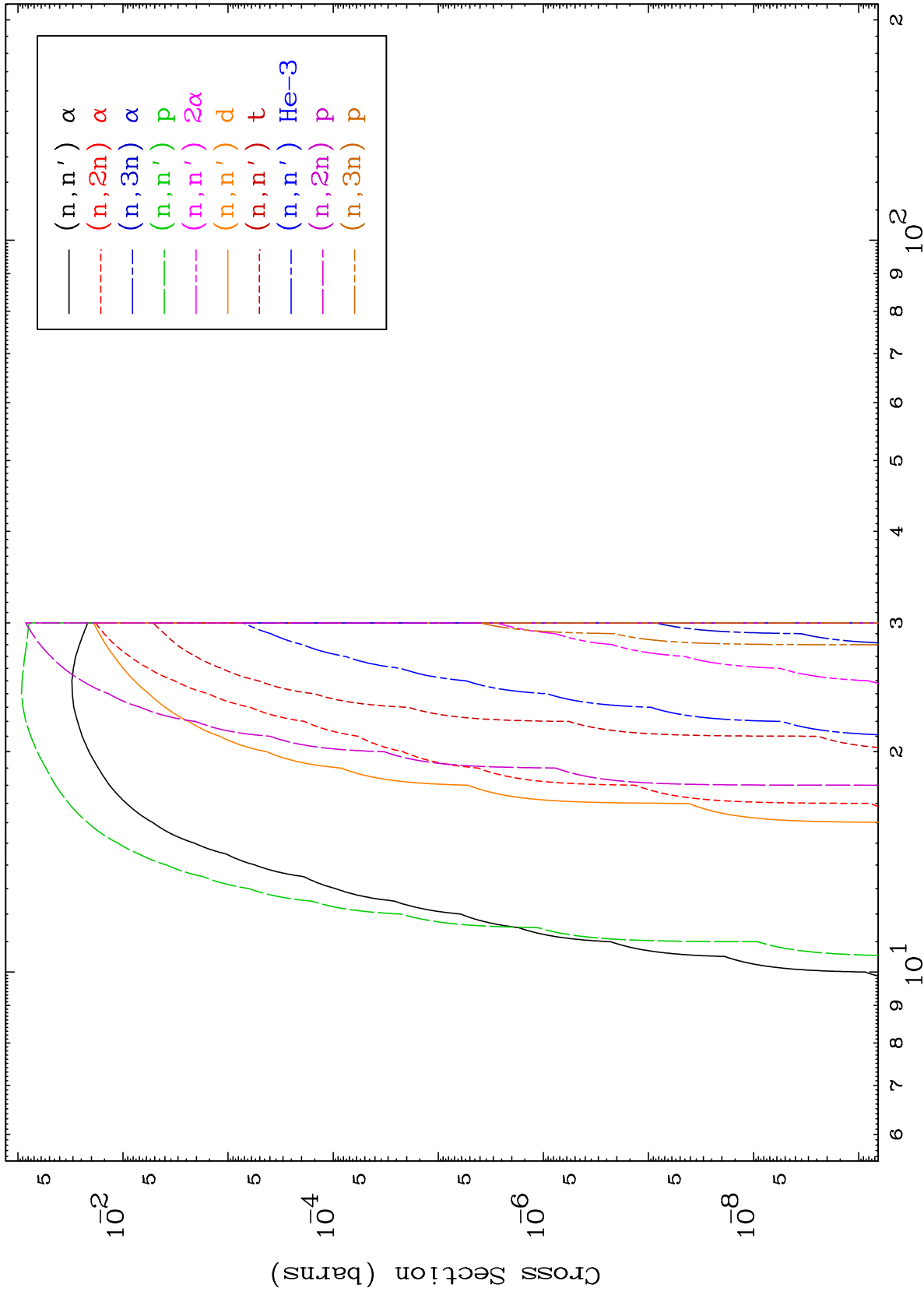
Incident Energy (MeV)

34-Se-77

MAT 3434

Charged Particle
293 Kelvin Cross Sections

34-Se-77



4

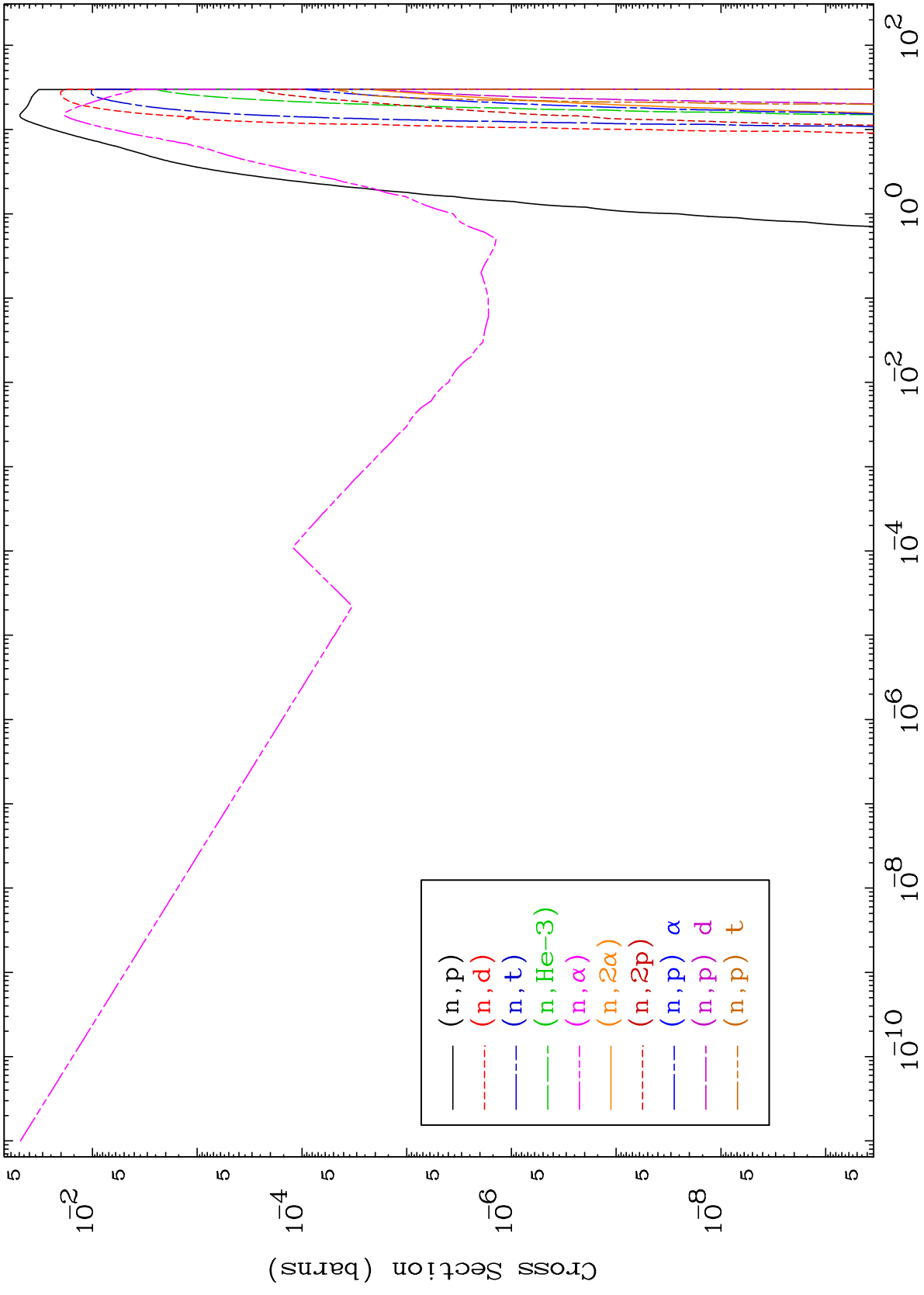
Incident Energy (MeV)

34-Se-77

MAT 3434

293 Charged Particle
Kelvin Cross Sections

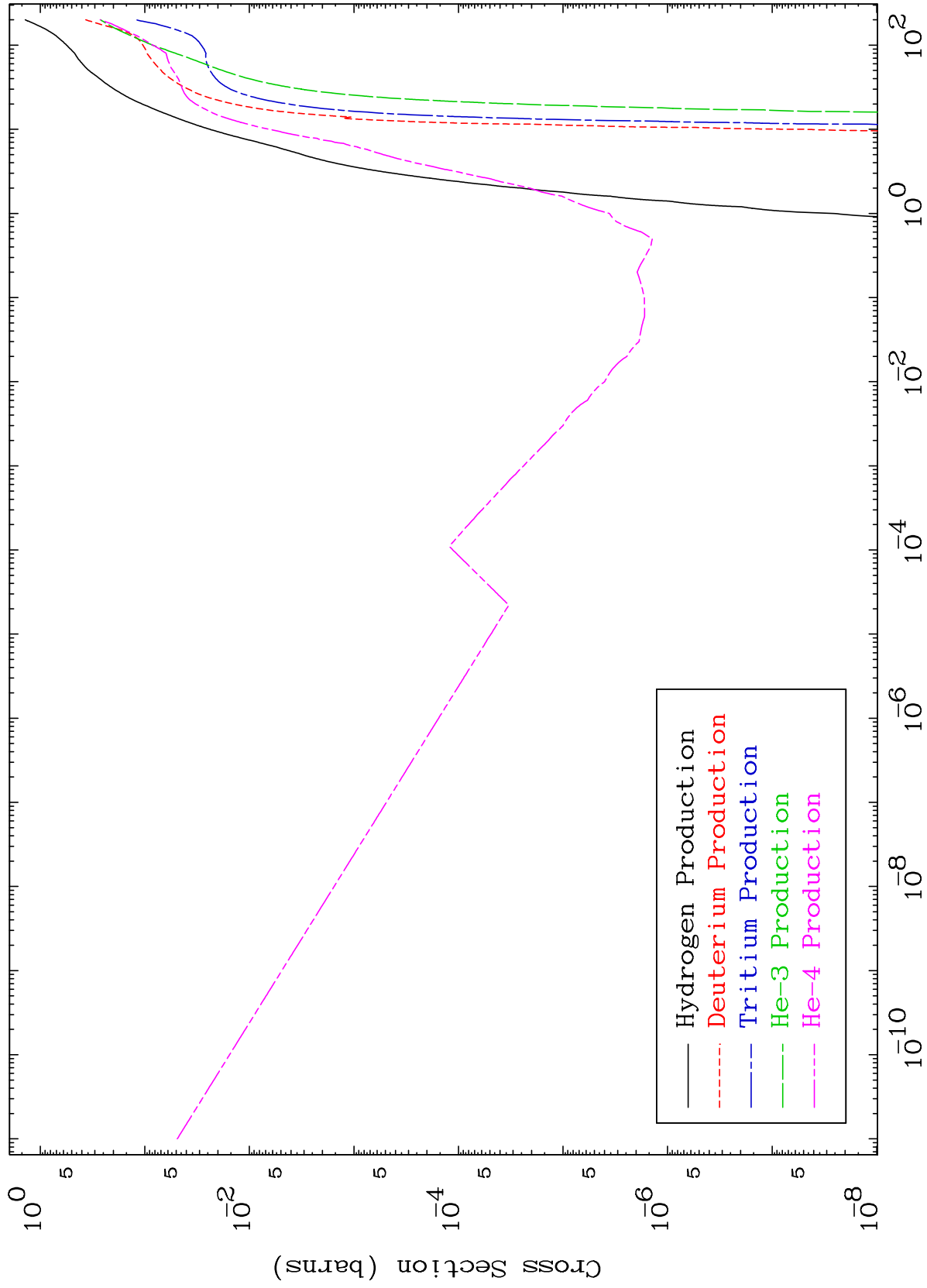
34-Se-77



MAT 3434

Particle Production
293 Kelvin Cross Sections

34-Se-77



6

Incident Energy (MeV)

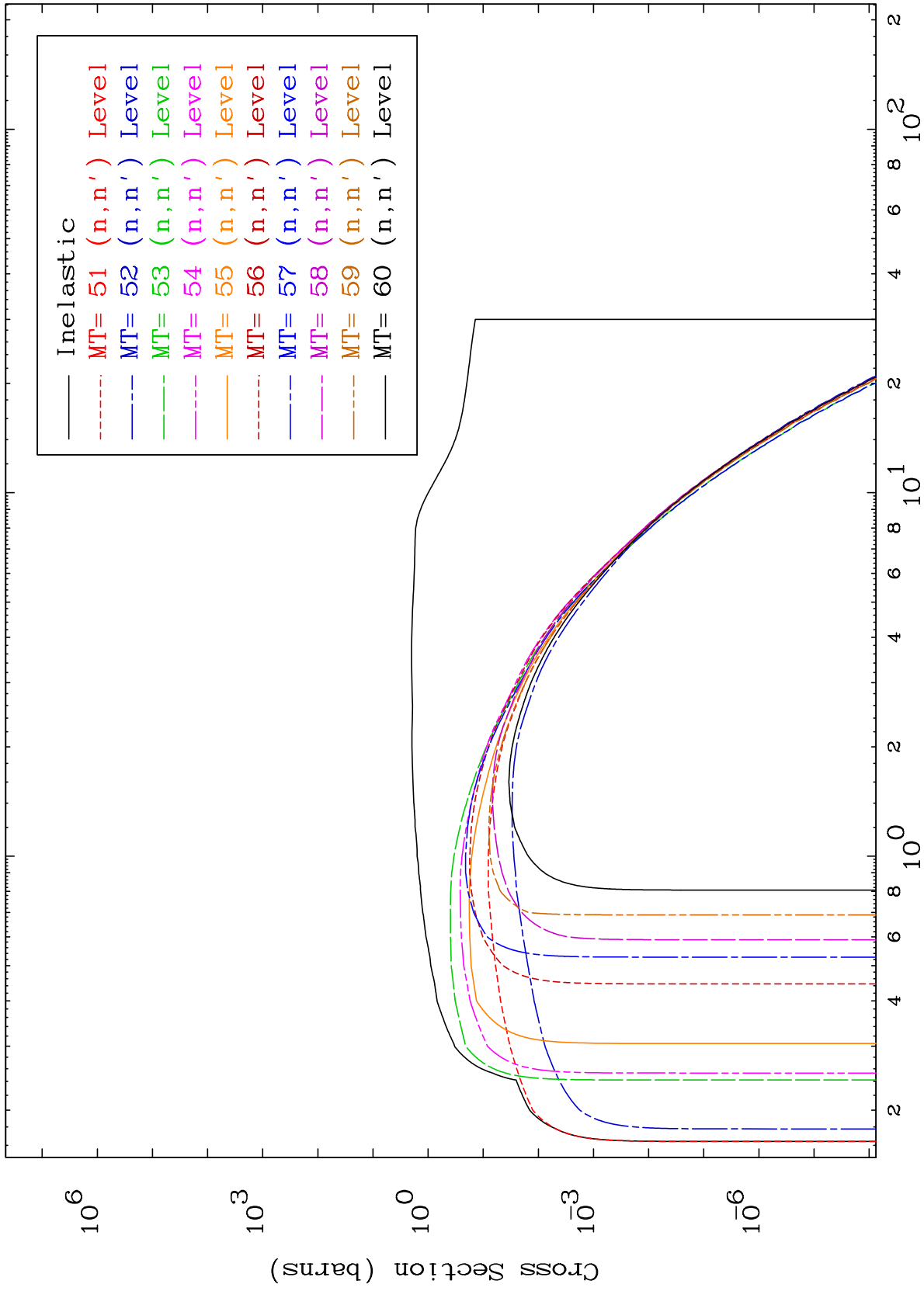
34-Se-77

MAT 3434

(n,n') Level

34-Se-77

293 Kelvin Cross Sections



7

Incident Energy (MeV)

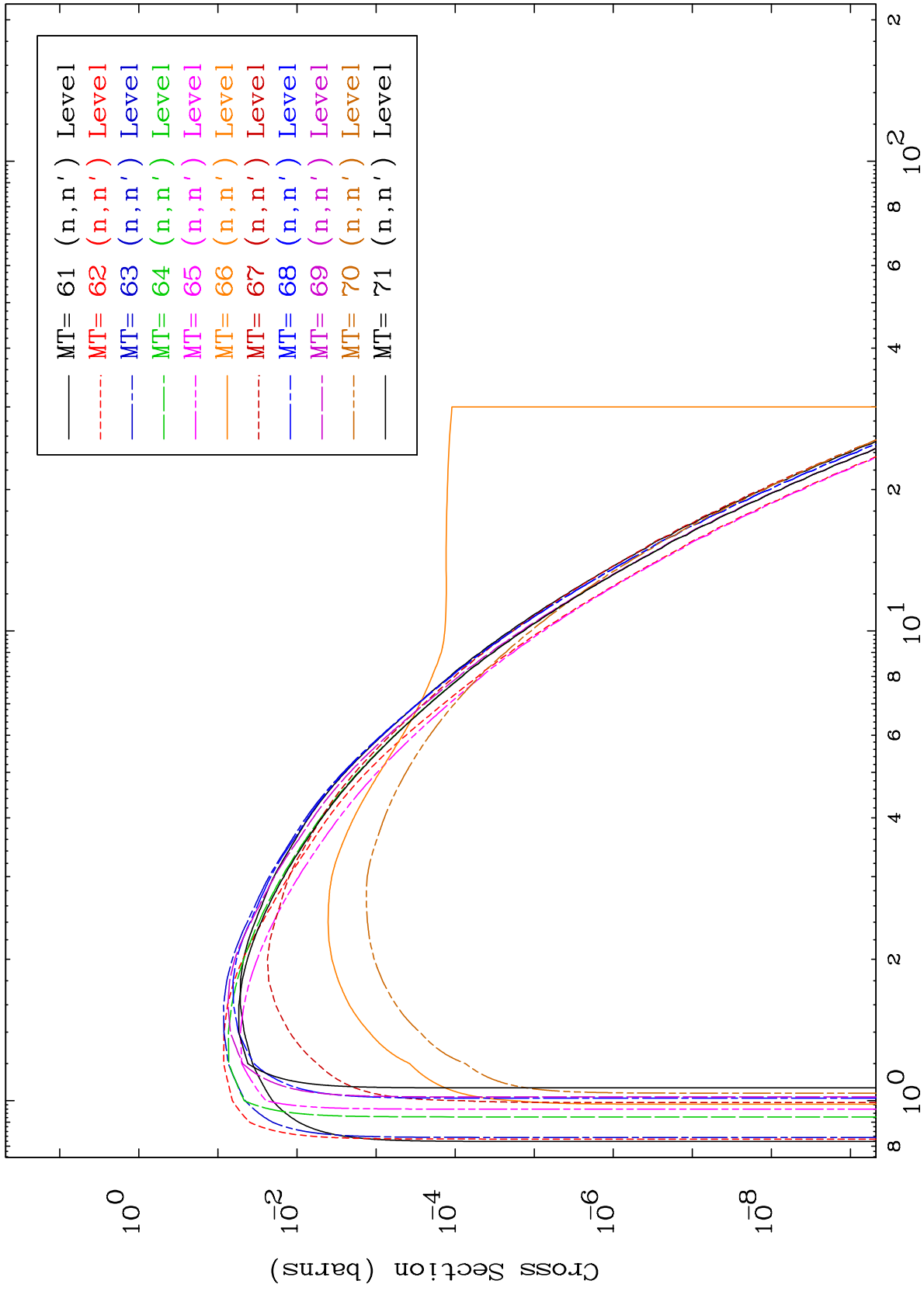
34-Se-77

MAT 3434

(n,n') Level

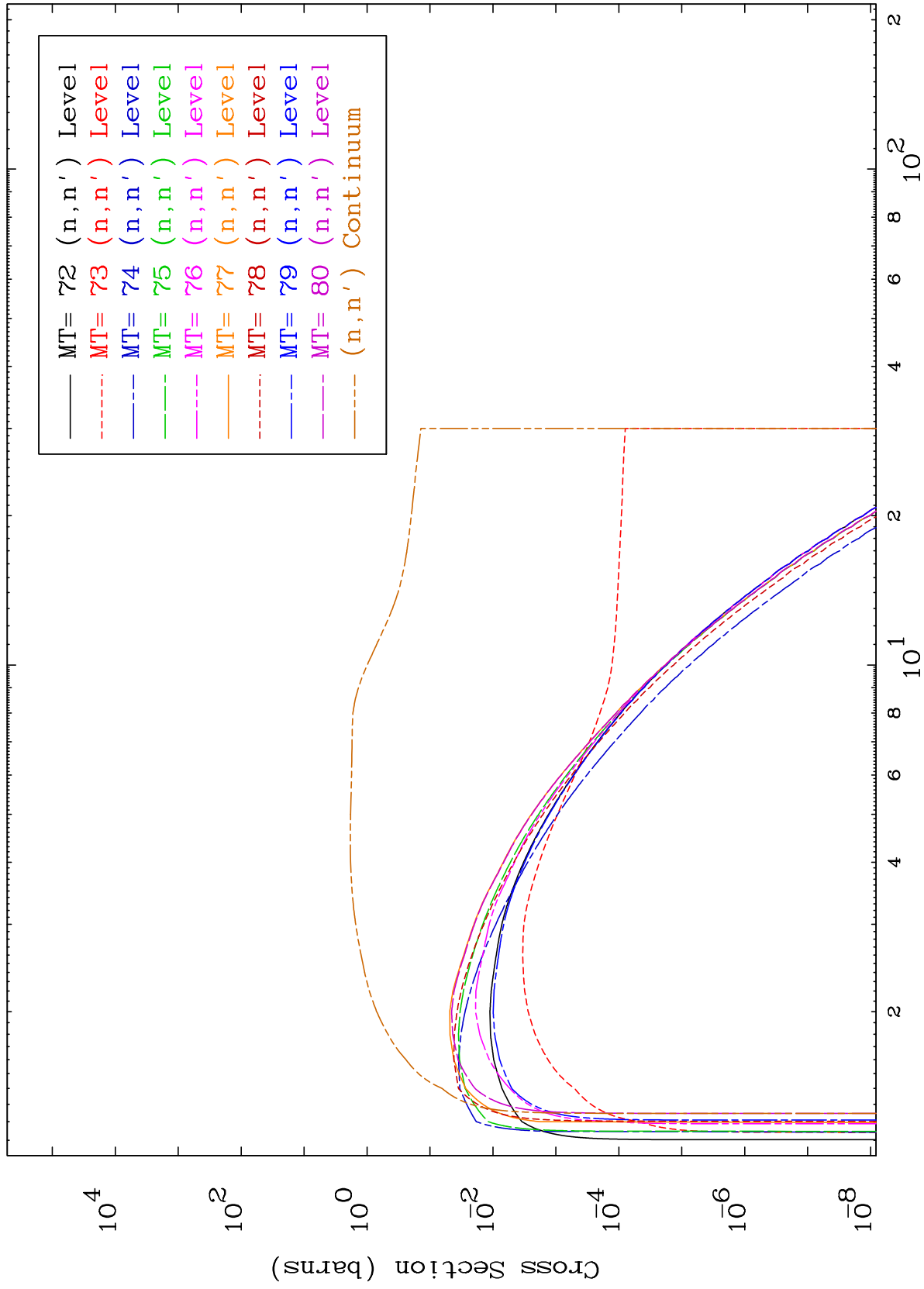
34-Se-77

293 Kelvin Cross Sections



Incident Energy (MeV)

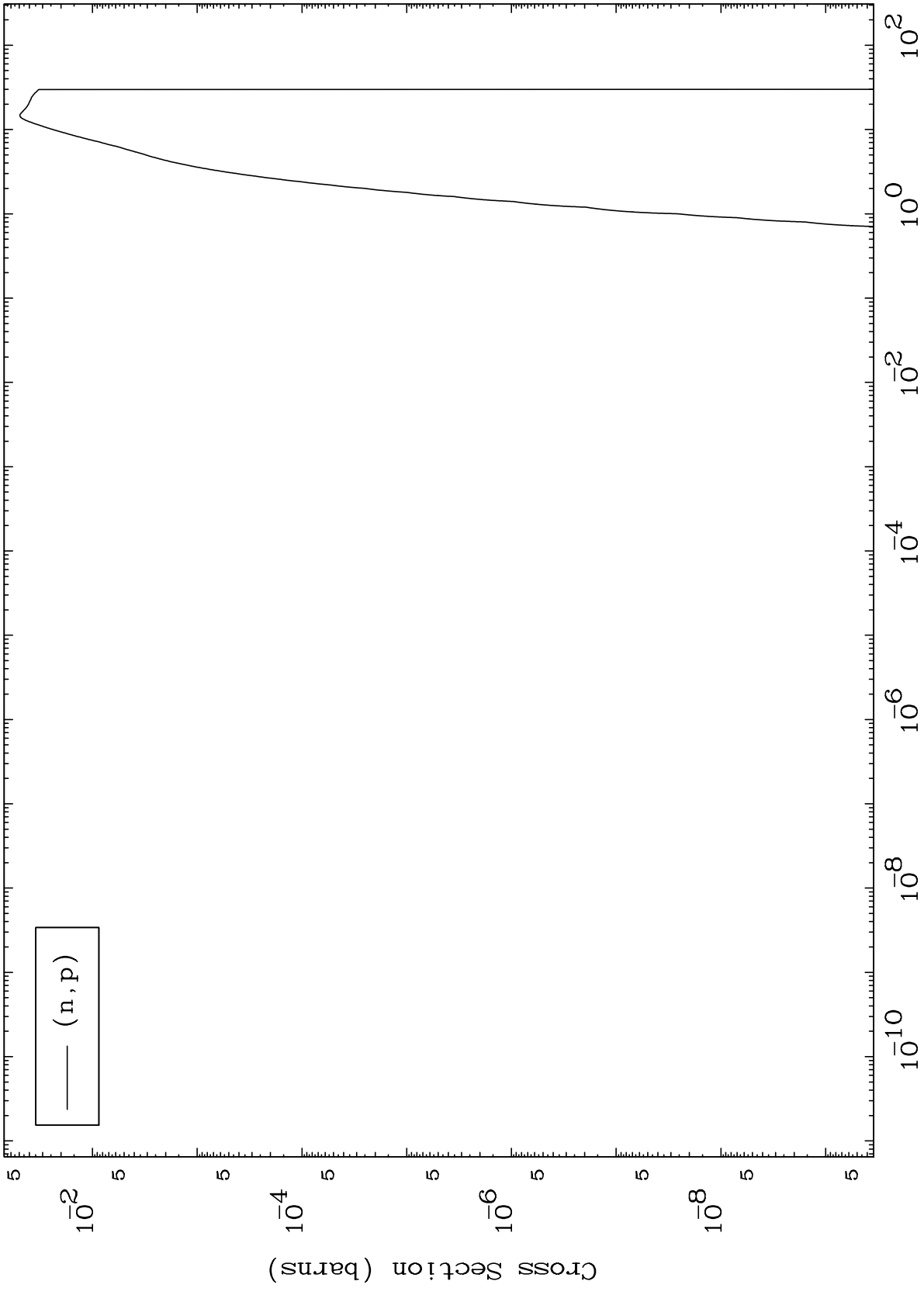
34-Se-77



MAT 3434

(n,p) Levels
293 Kelvin Cross Sections

34-Se-77



10

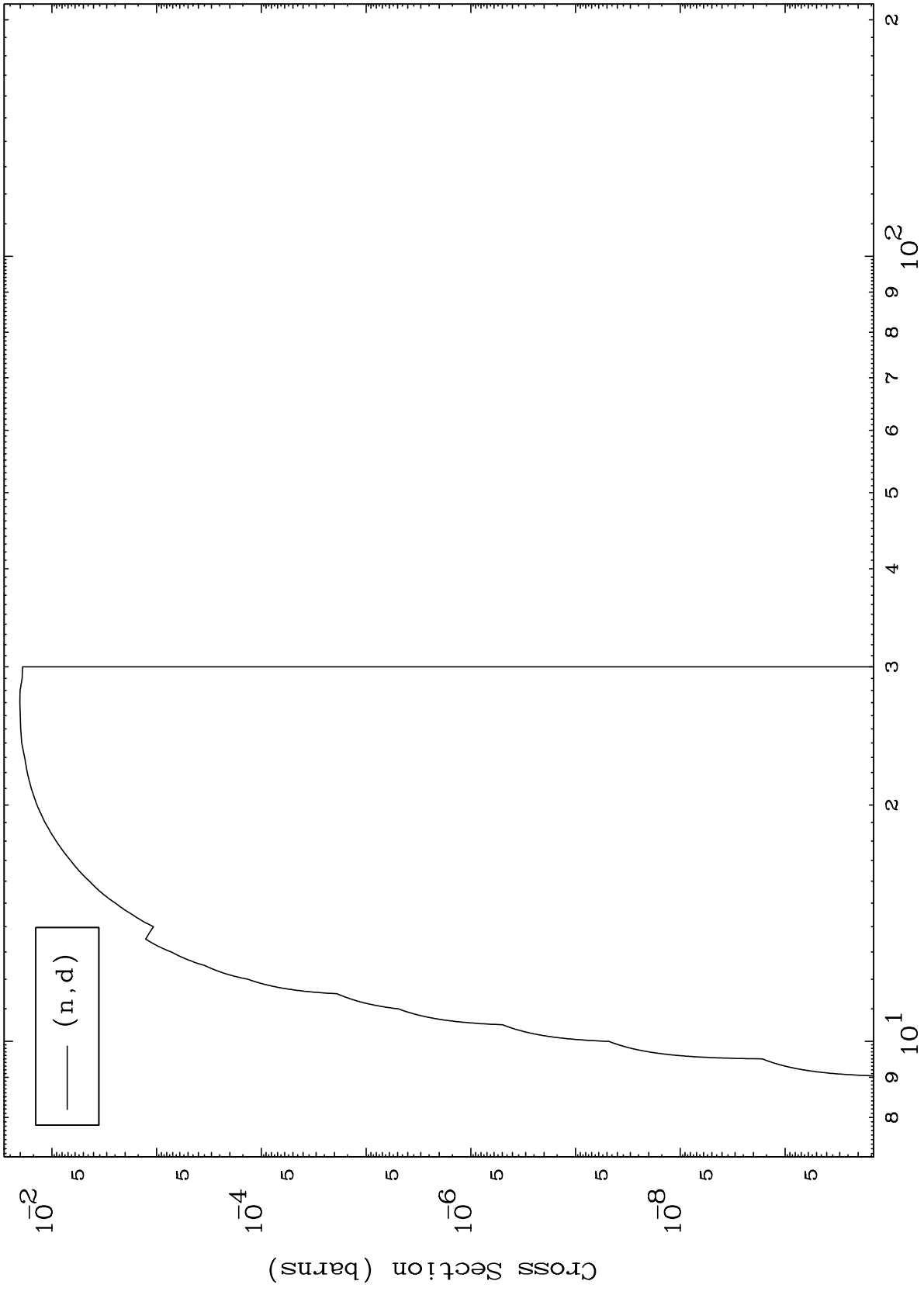
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,d) Levels
293 Kelvin Cross Sections

34-Se-77



11

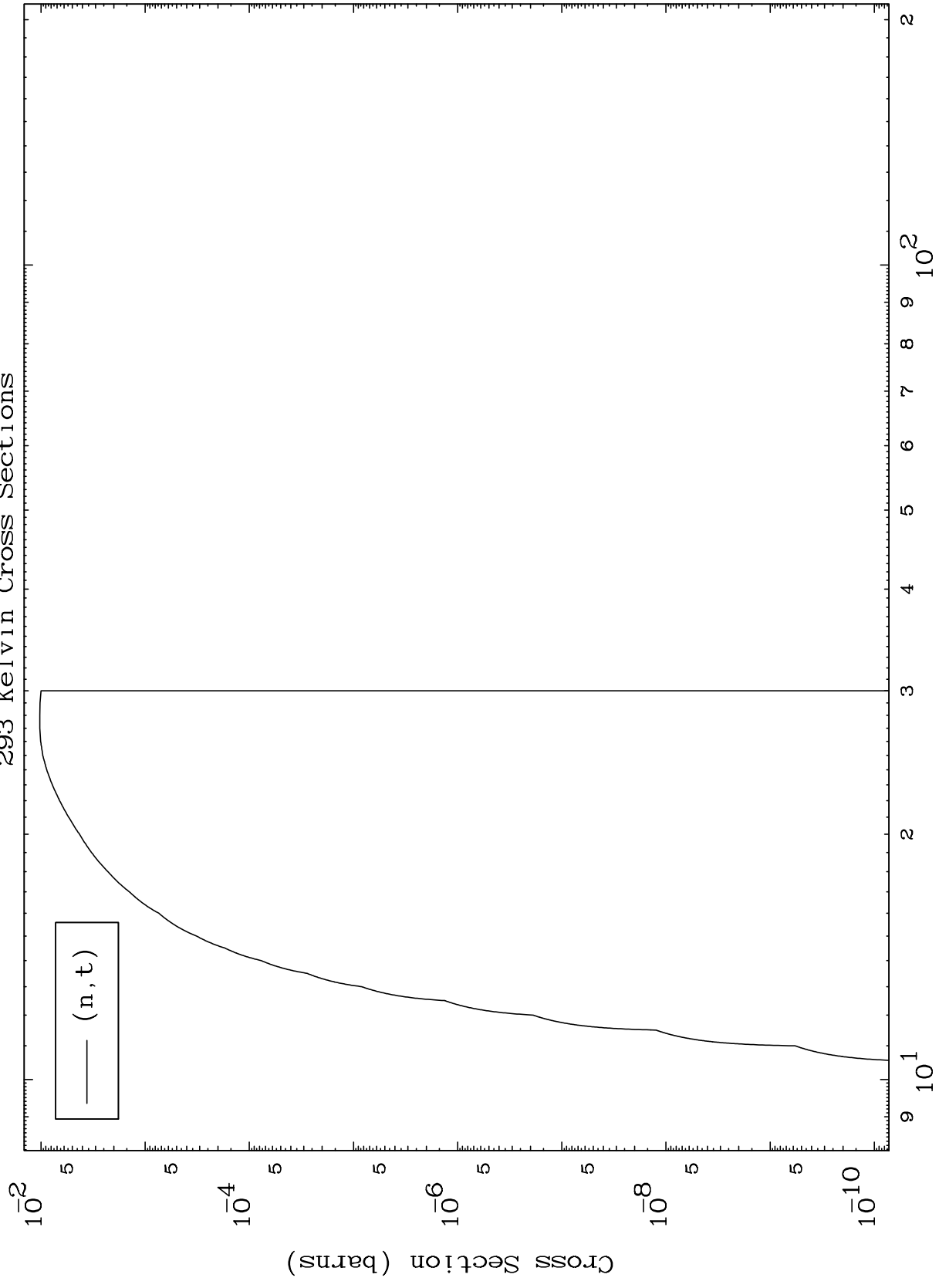
Incident Energy (MeV)

34-Se-77

MAT 3434

34-Se-77

(n,t) Levels
293 Kelvin Cross Sections



12

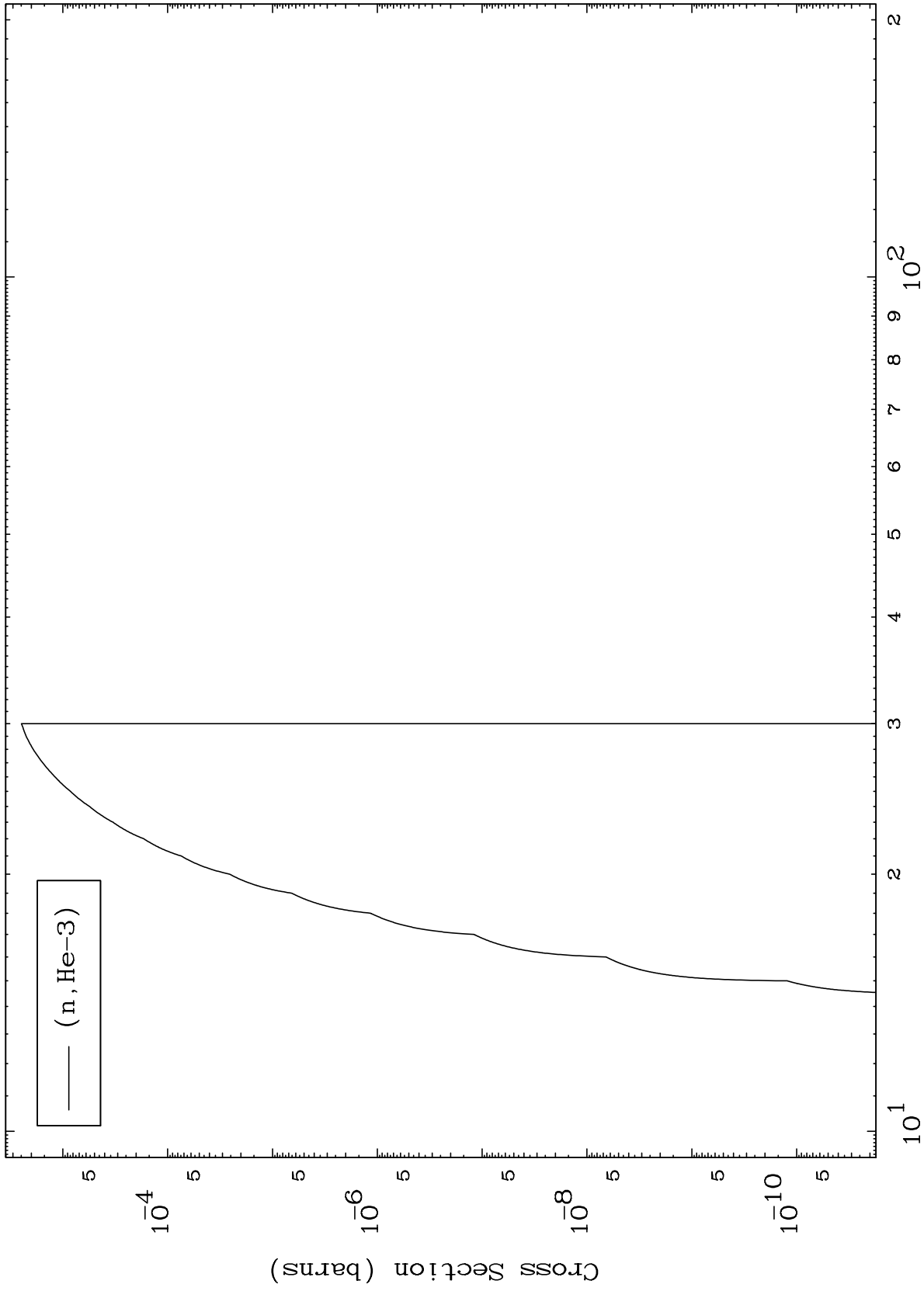
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-77



13

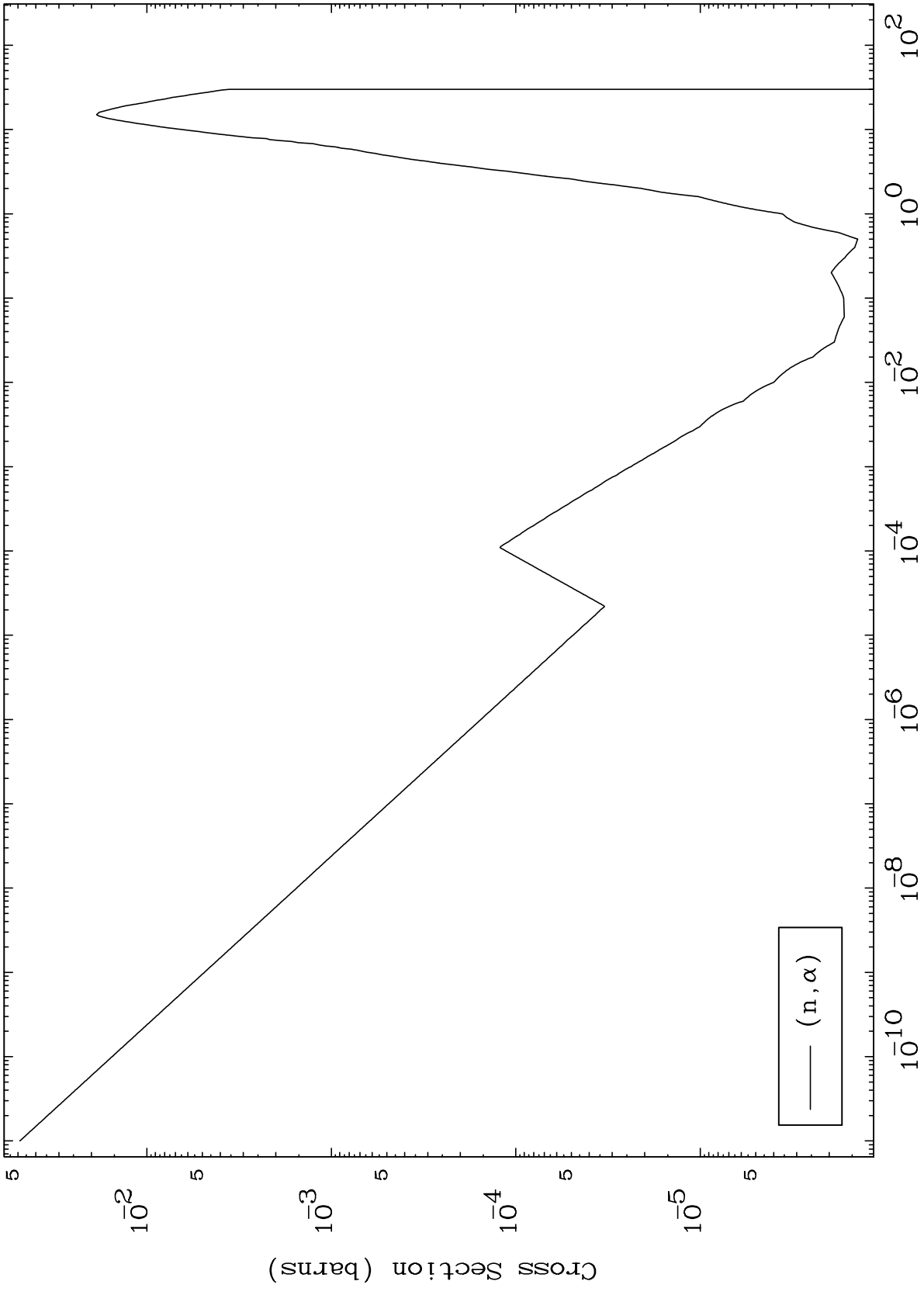
Incident Energy (MeV)

34-Se-77

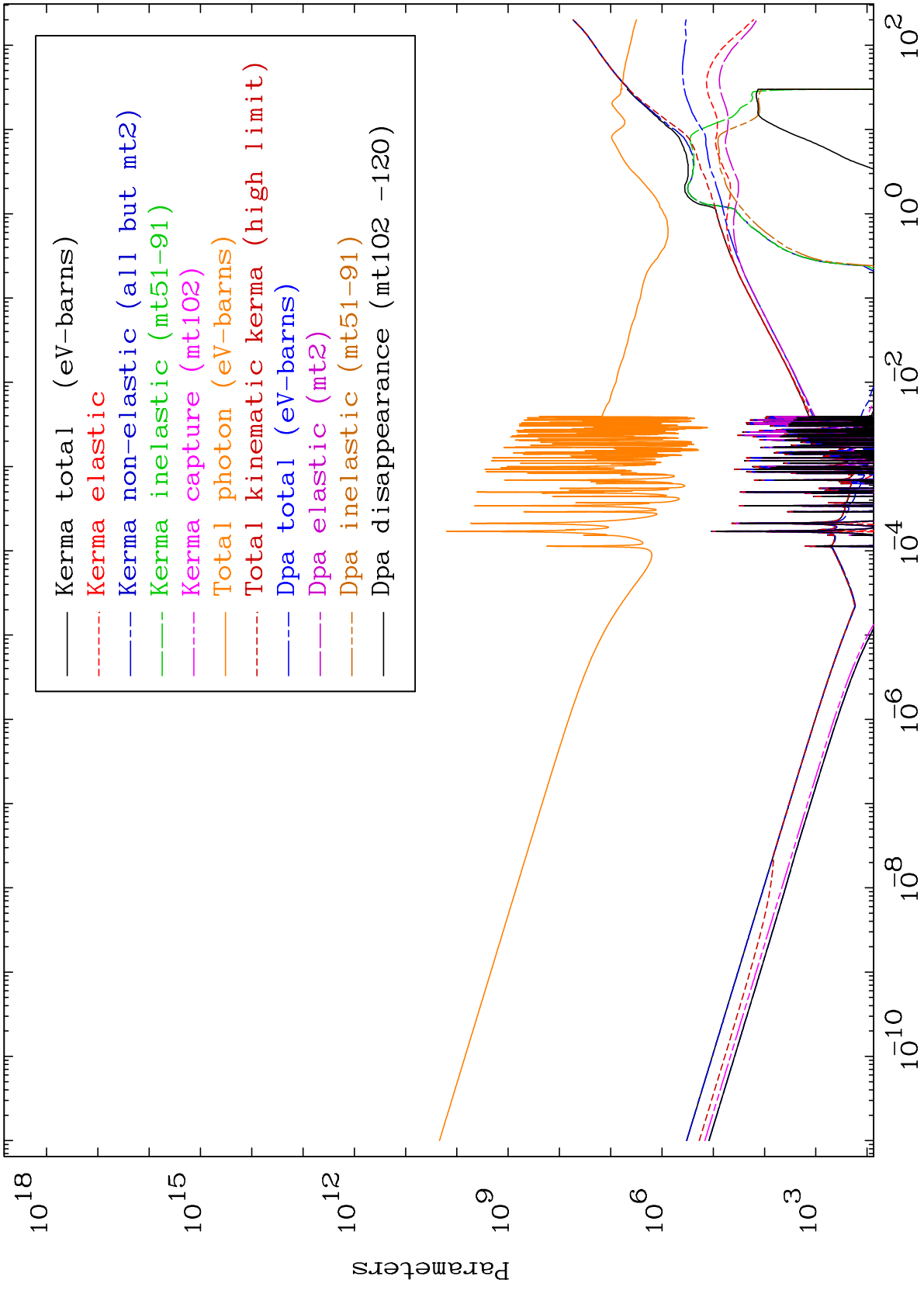
MAT 3434

(n, α) Levels
293 Kelvin Cross Sections

34-Se-77



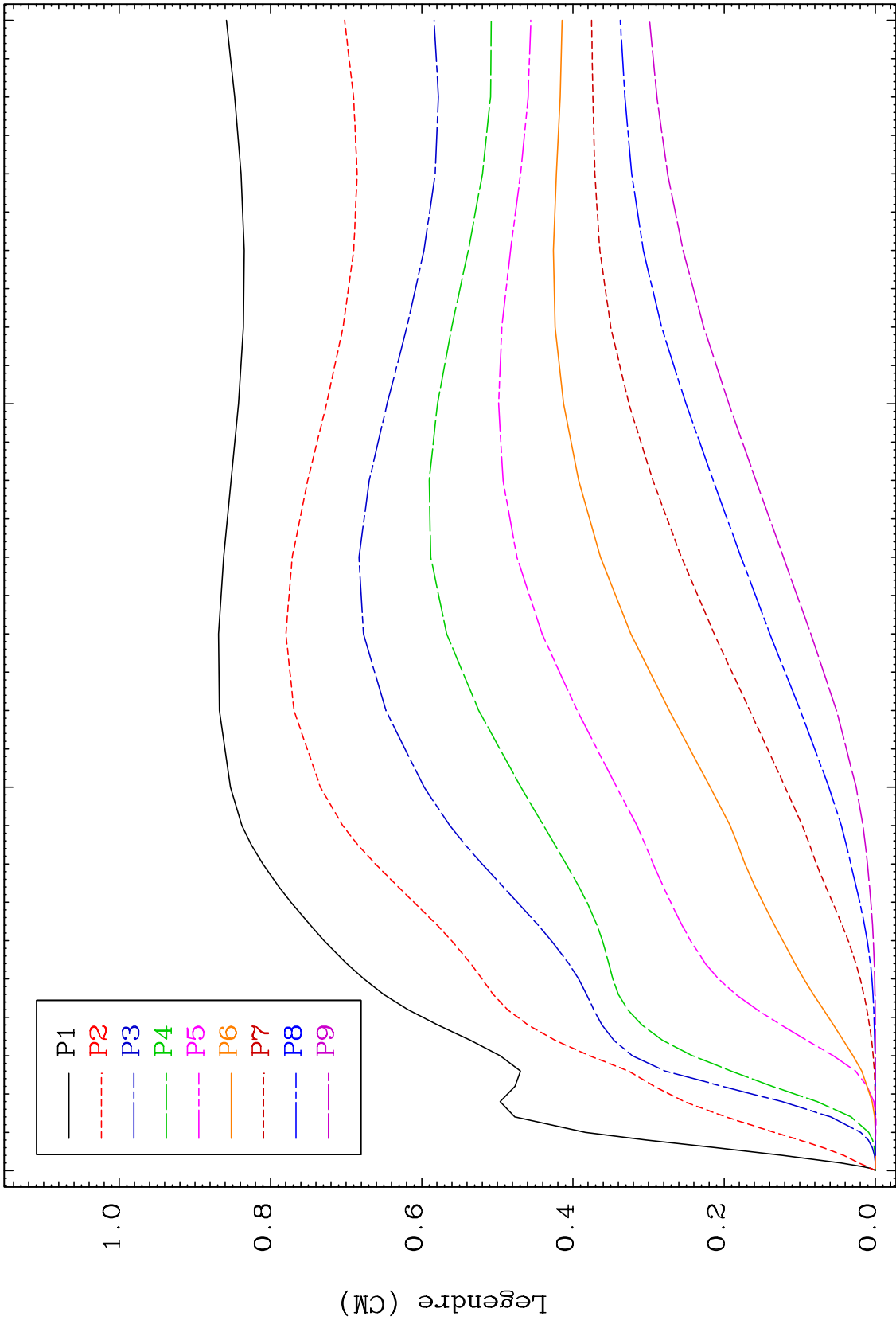
— (n, α)



MAT 3434

Elastic Legendre Coefficients

³⁴Se-77



16

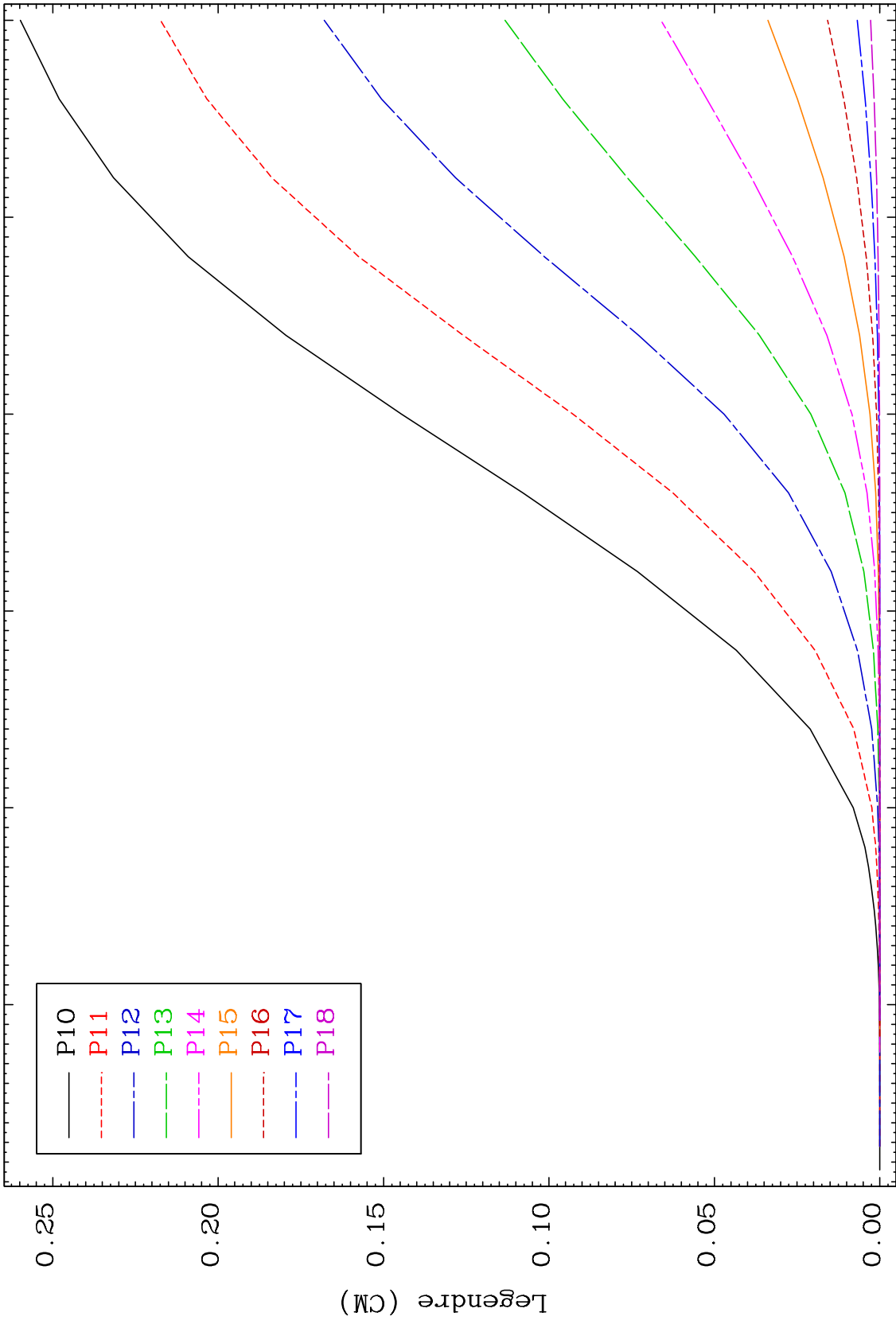
Incident Energy (MeV)

³⁴Se-77

MAT 3434

Elastic Legendre Coefficients

34-Se-77



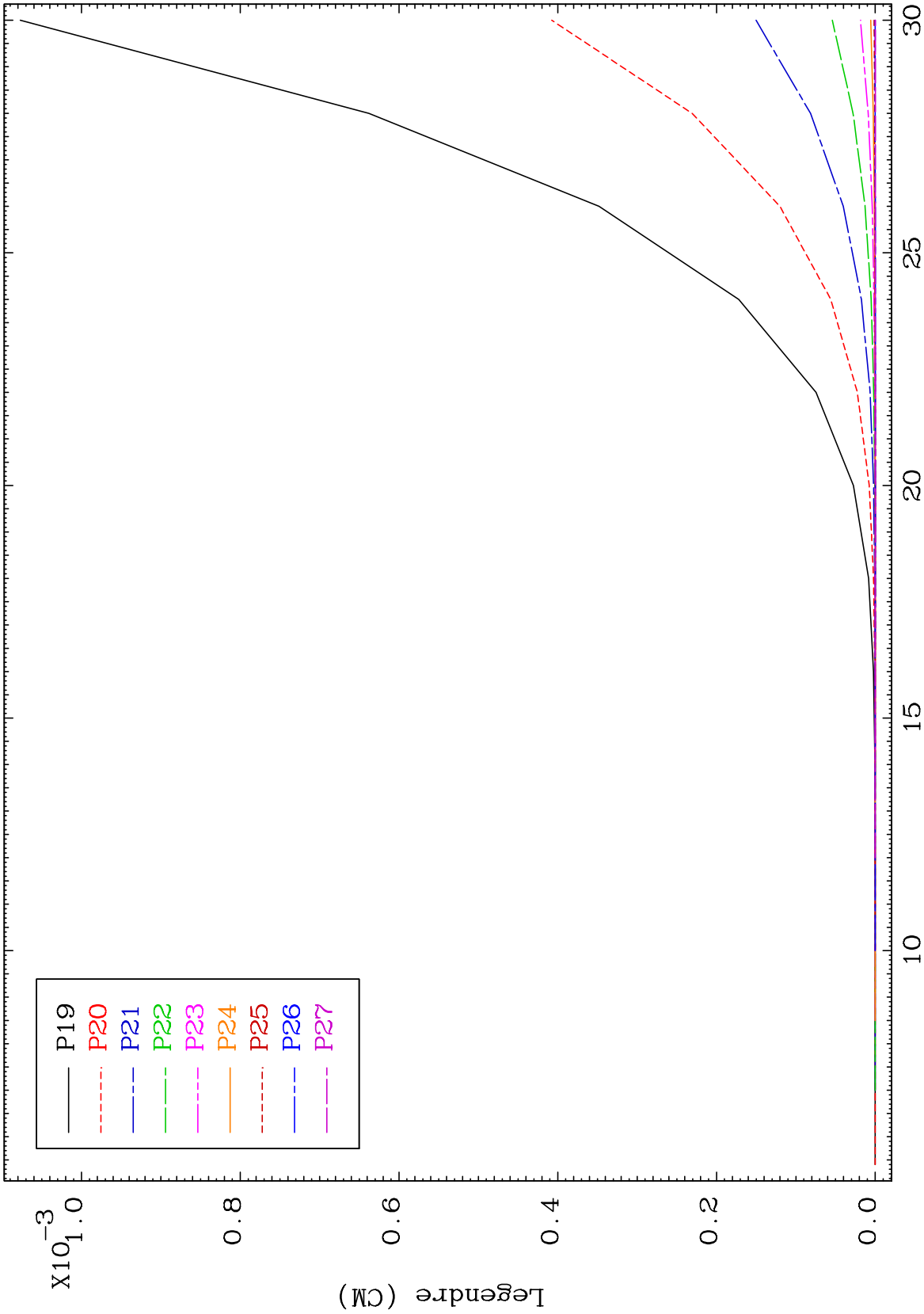
17

34-Se-77

MAT 3434

Elastic Legendre Coefficients

34-Se-77



18

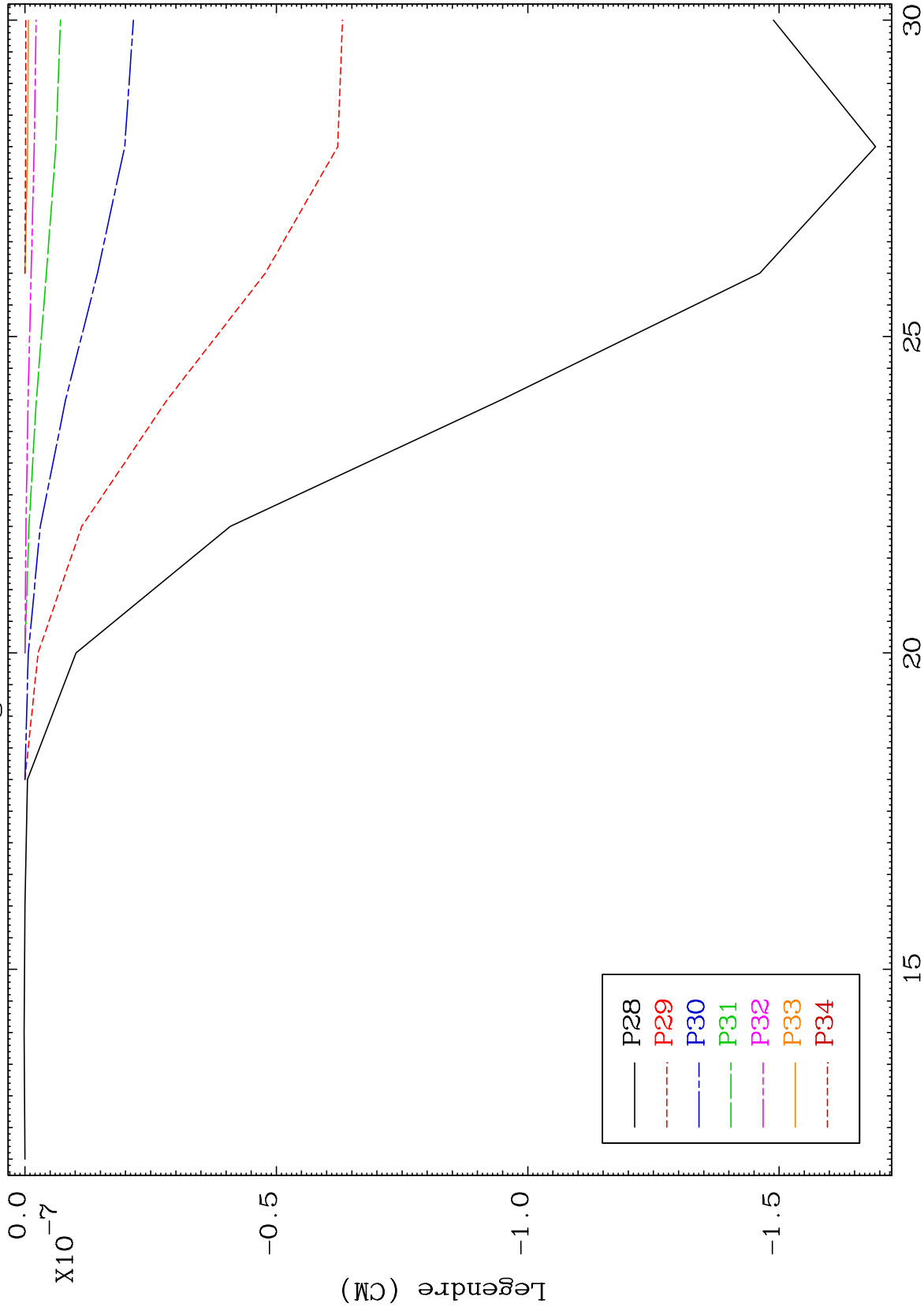
Incident Energy (MeV)

34-Se-77

MAT 3434

34-Se-77

Elastic Legendre Coefficients



19

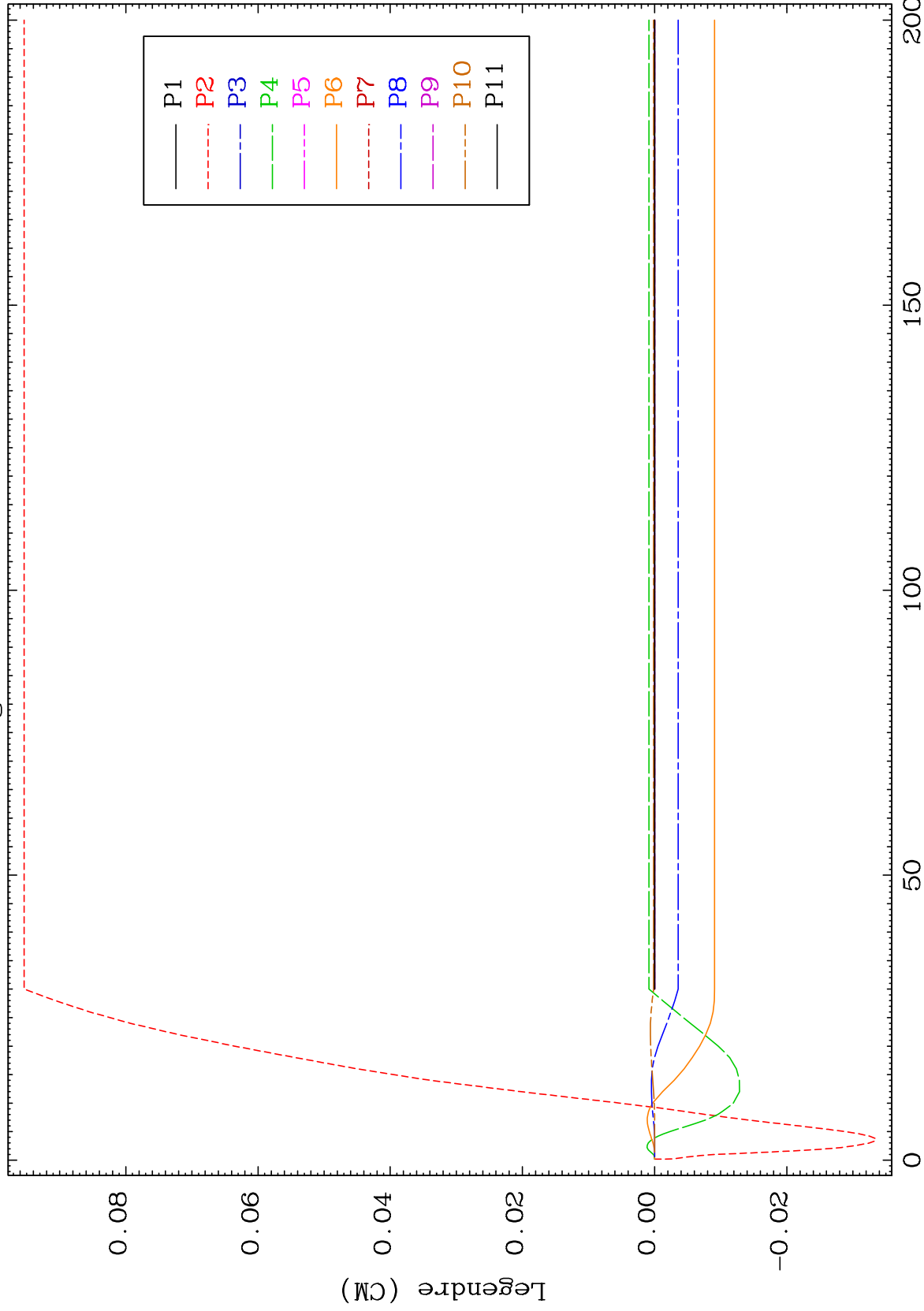
Incident Energy (MeV)

34-Se-77

MAT 3434

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

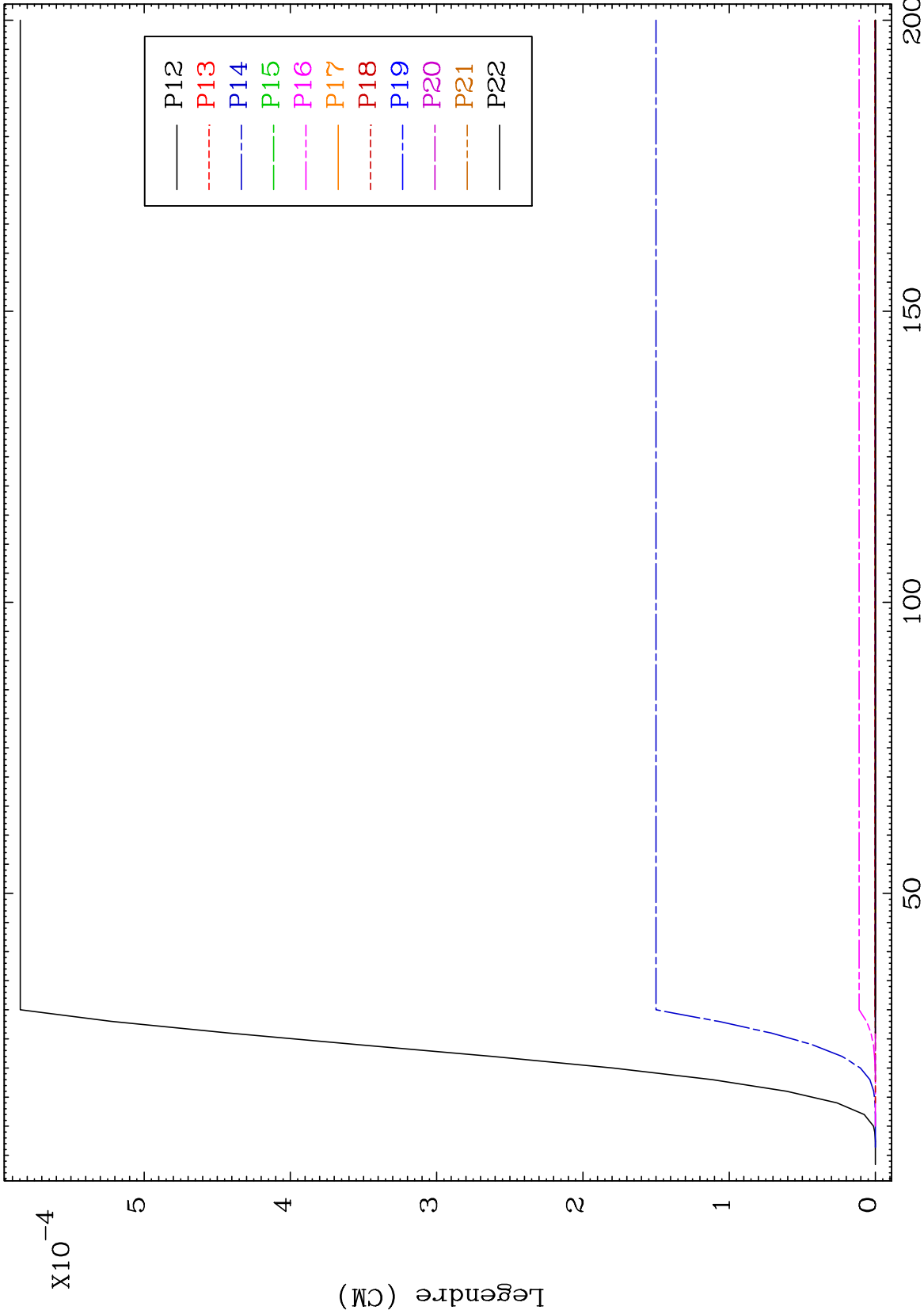
34-Se-77



MAT 3434

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

34-Se-77



21

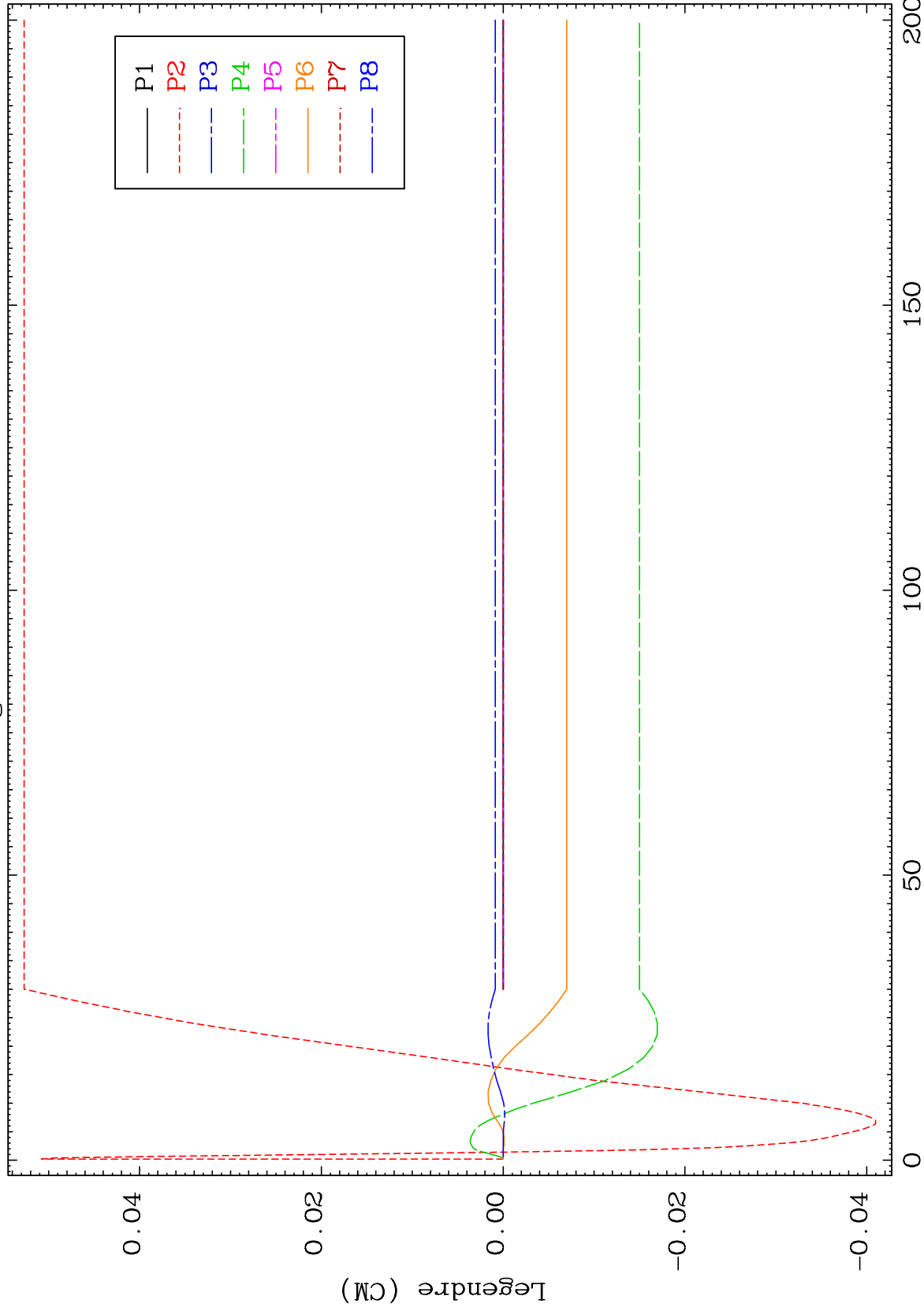
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

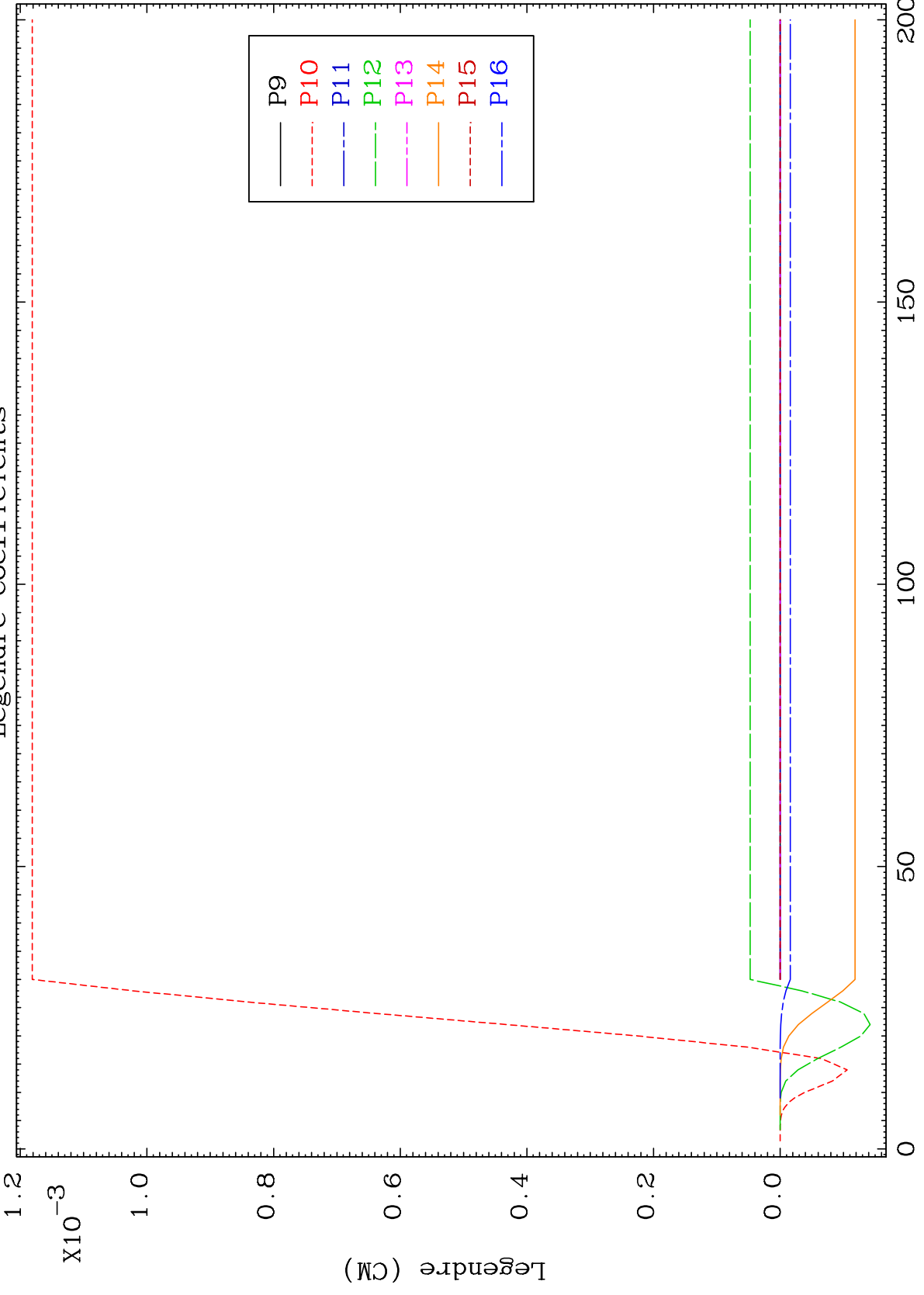


22

Incident Energy (MeV)

34-Se-77

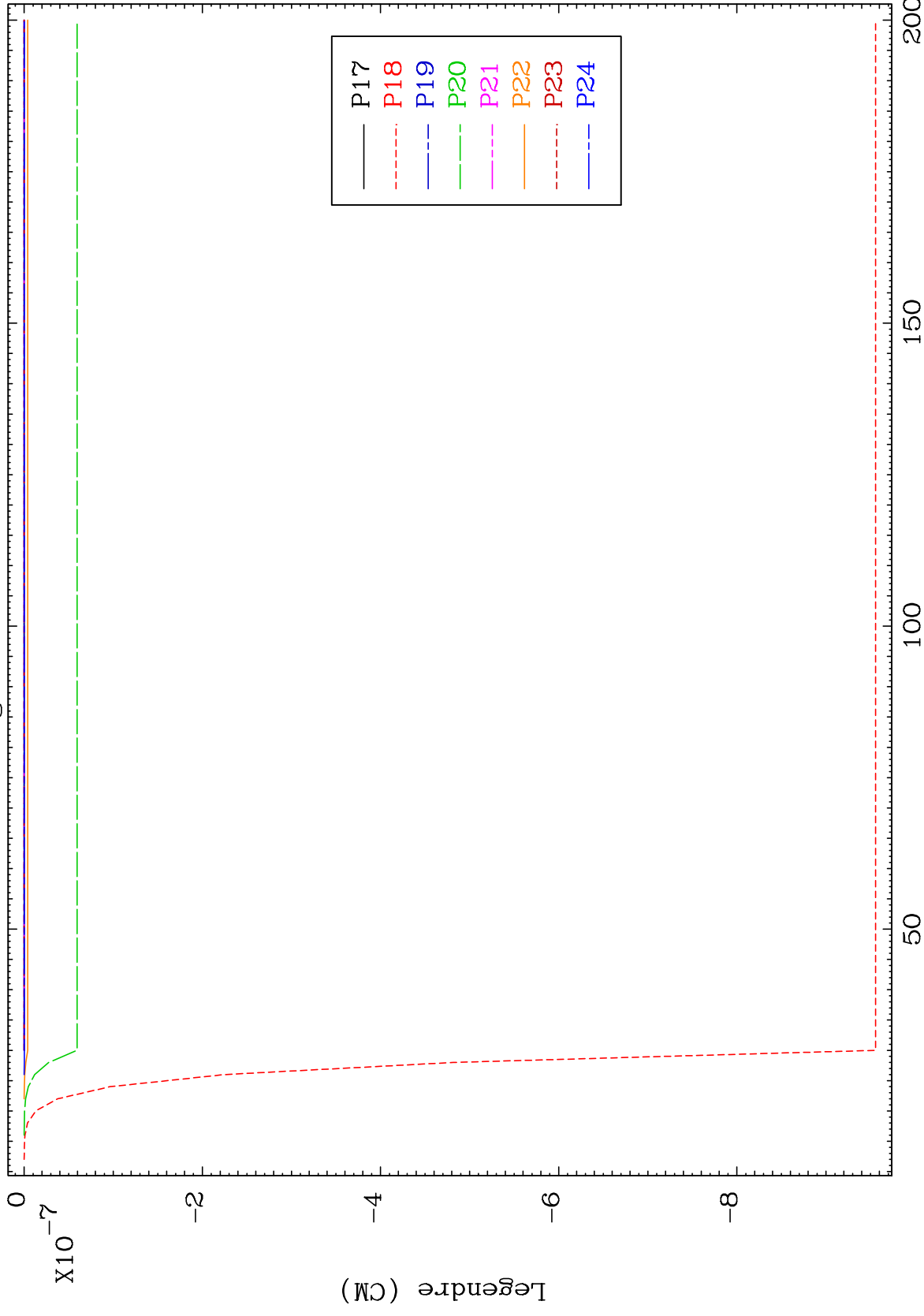
MAT 3434 MT= 52 (n,n') Level Legendre Coefficients 34-Se-77



MAT 3434

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

34-Se-77



34-Se-77

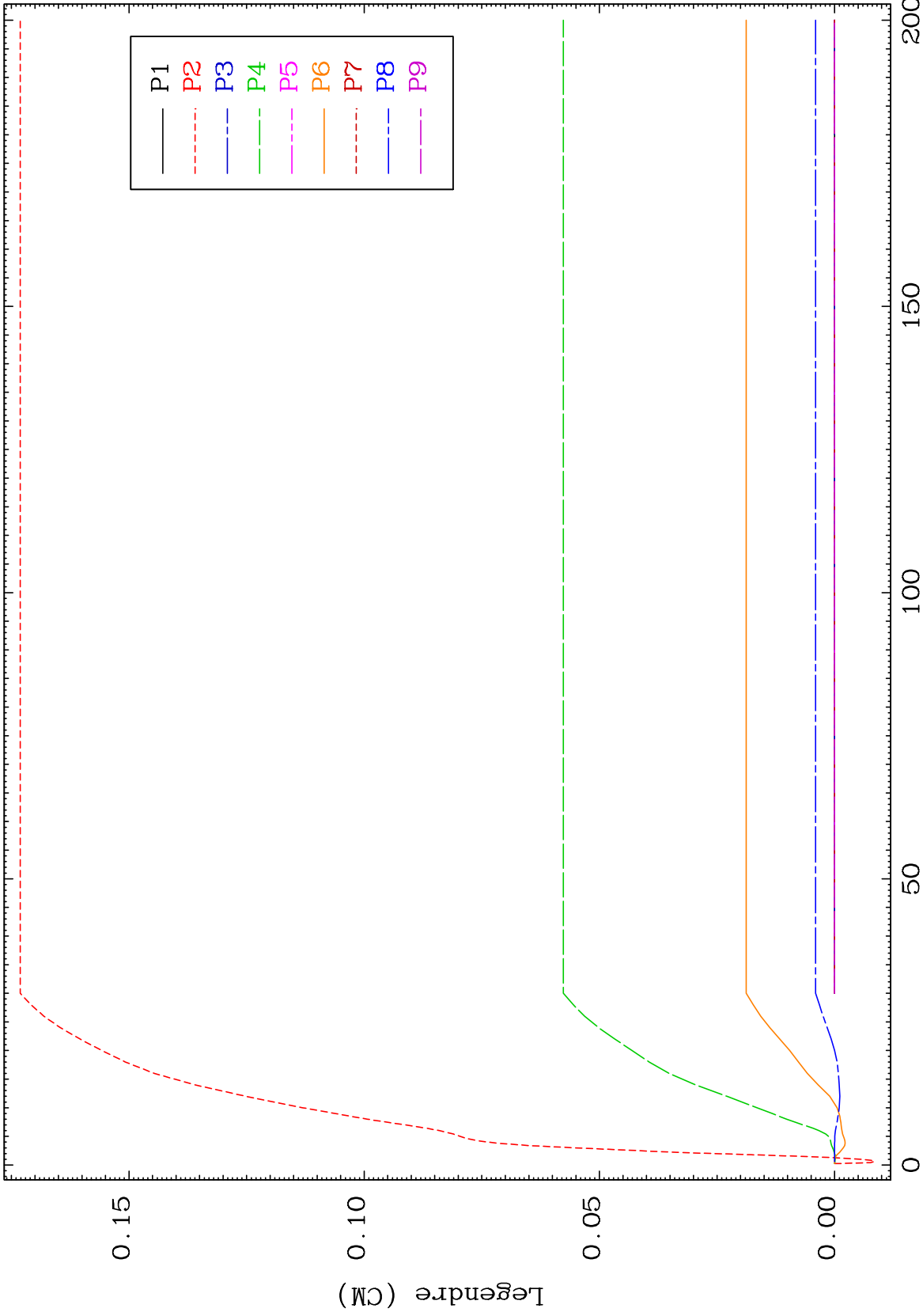
Incident Energy (MeV)

24

MAT 3434

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

34-Se-77



25

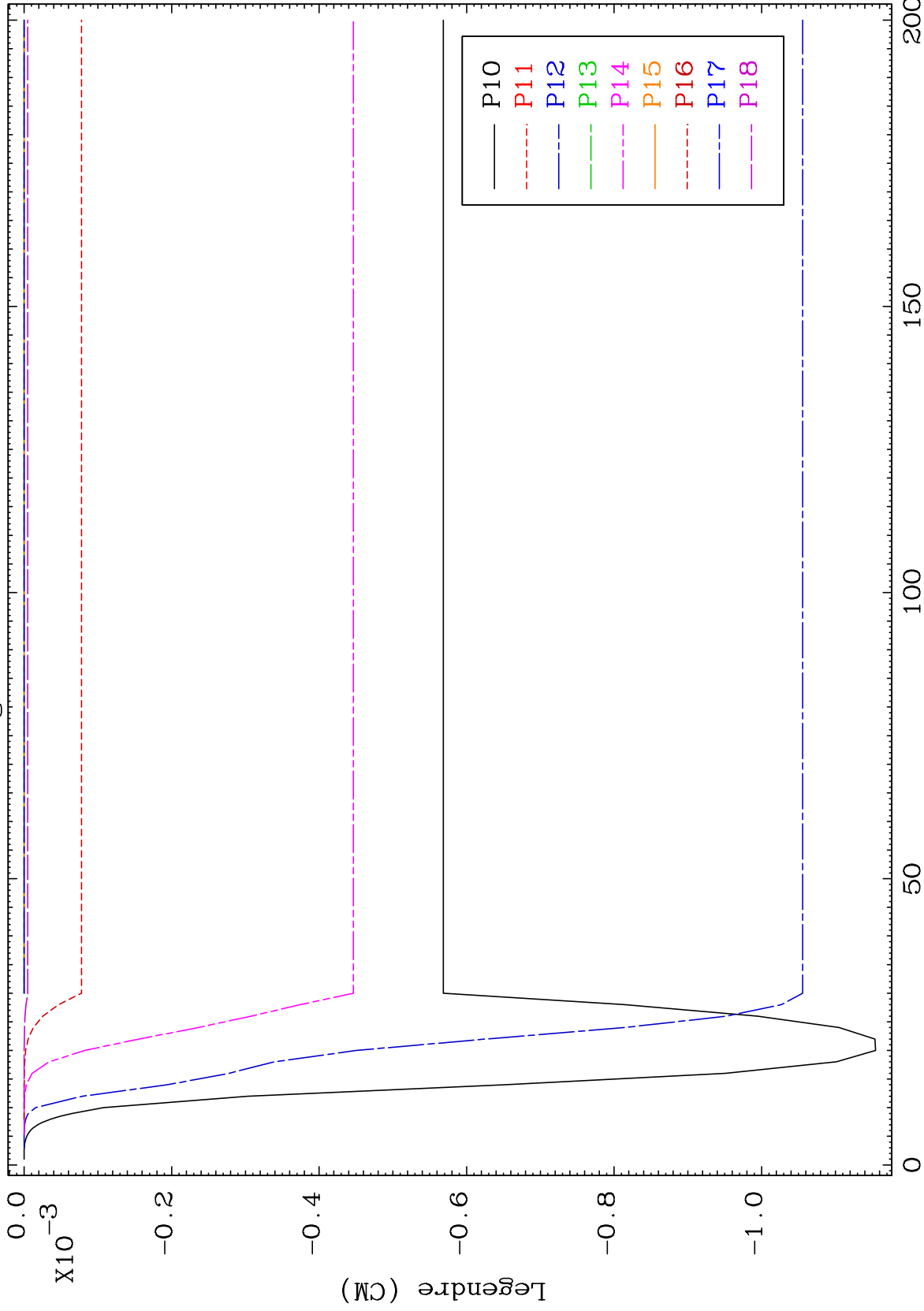
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



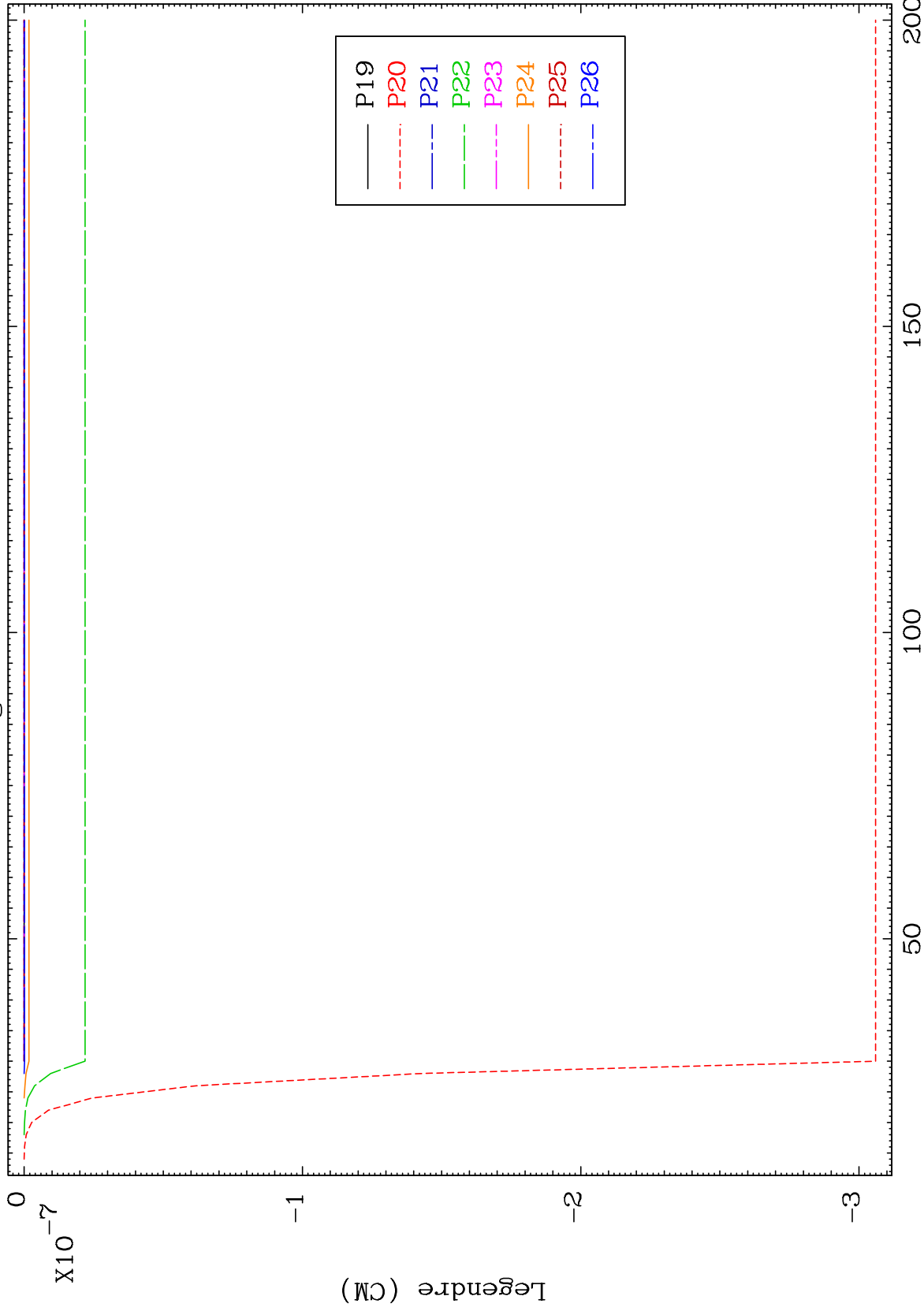
26

34-Se-77

MAT 3434

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

34-Se-77

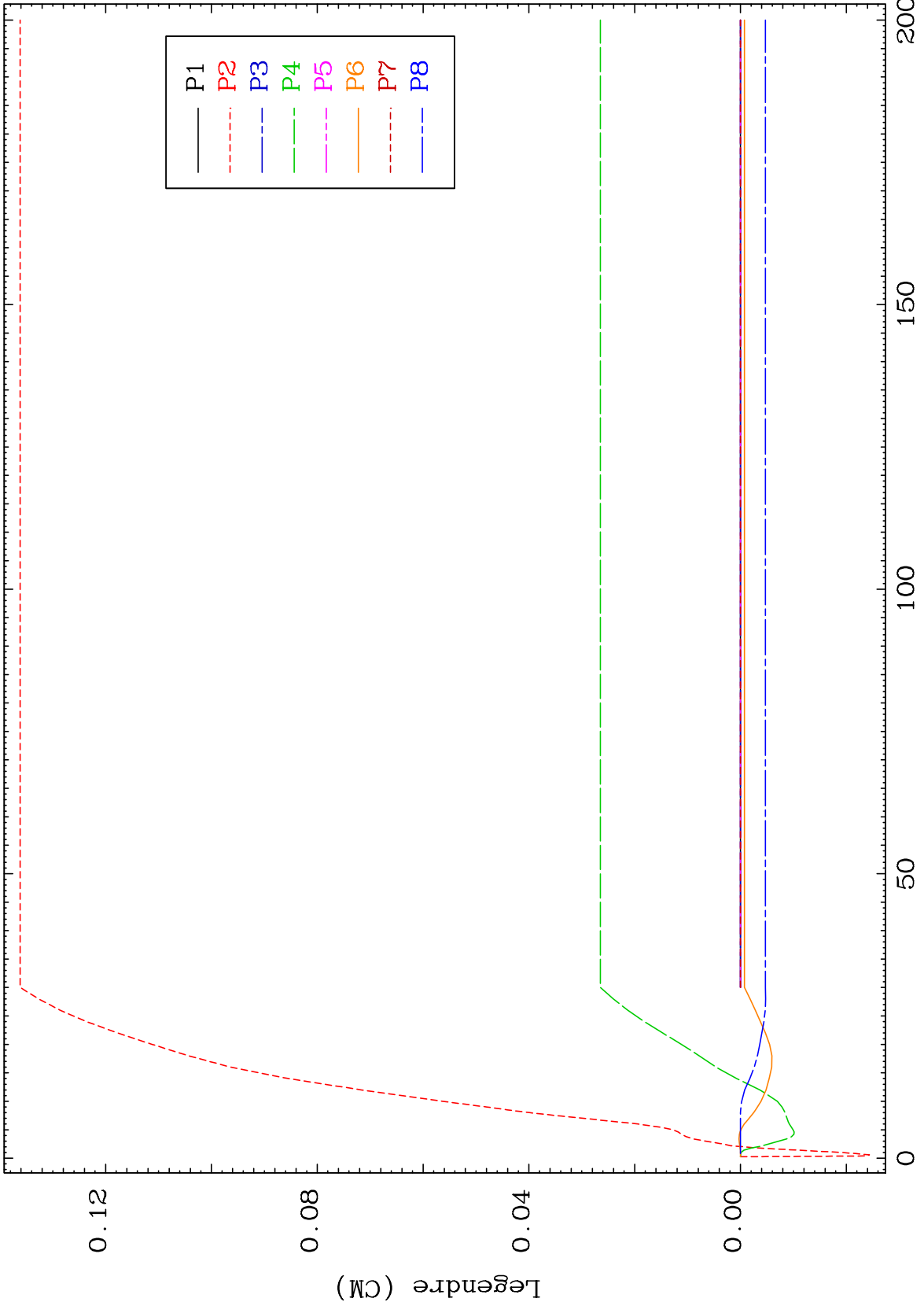


27

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 54 (n,n') Level Legendre Coefficients 34-Se-77

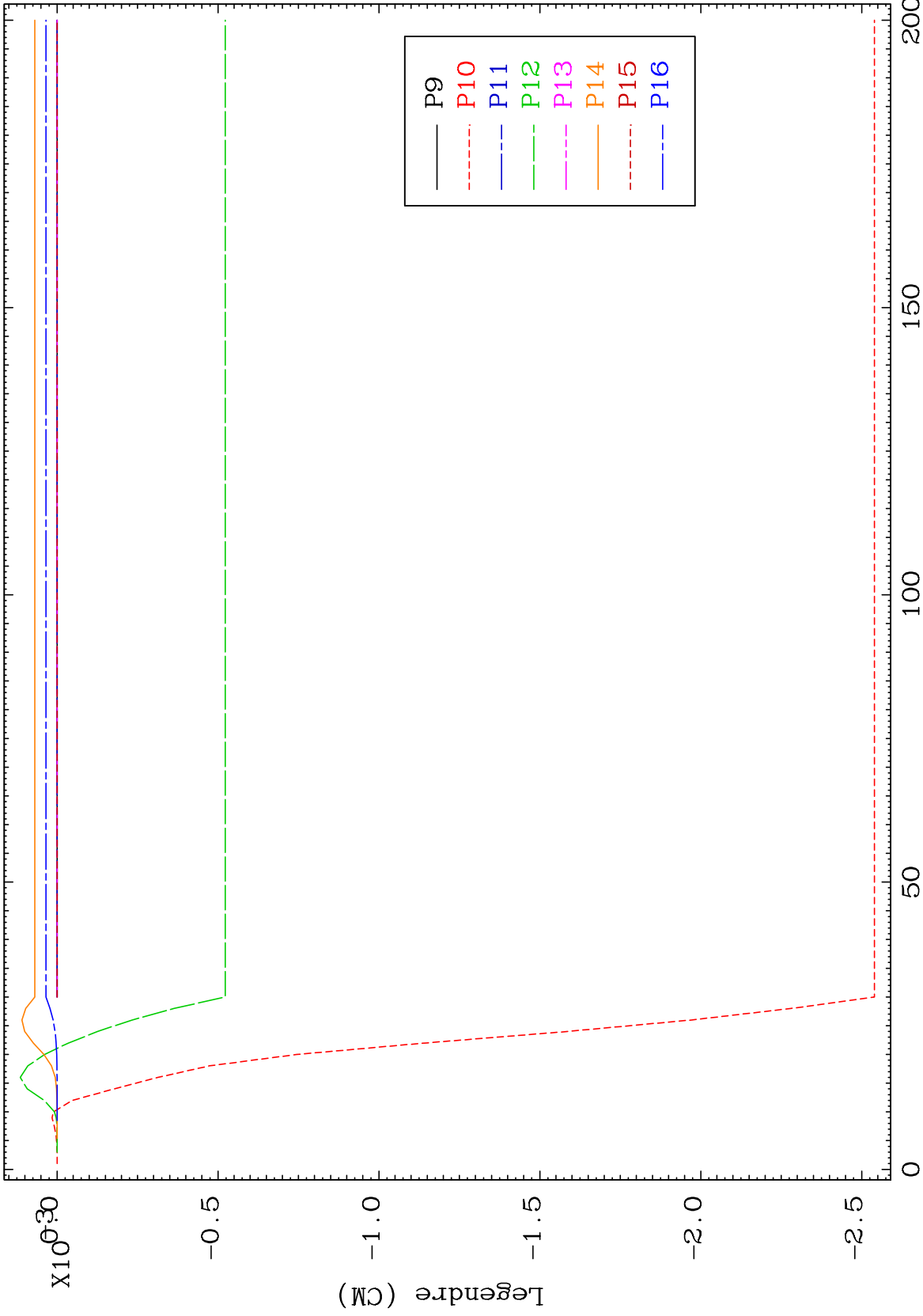


34-Se-77

MAT 3434

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

34-Se-77



29

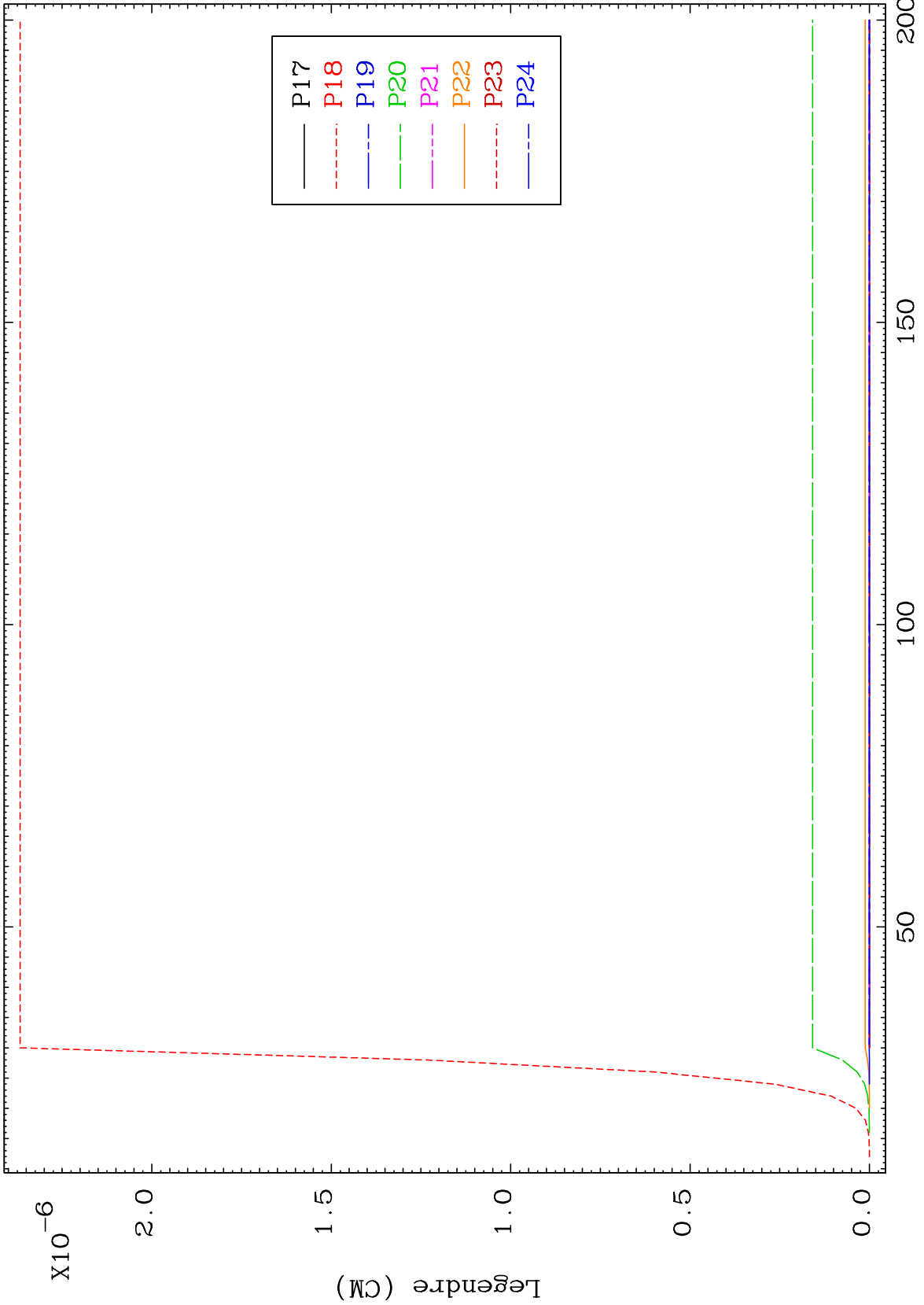
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



30

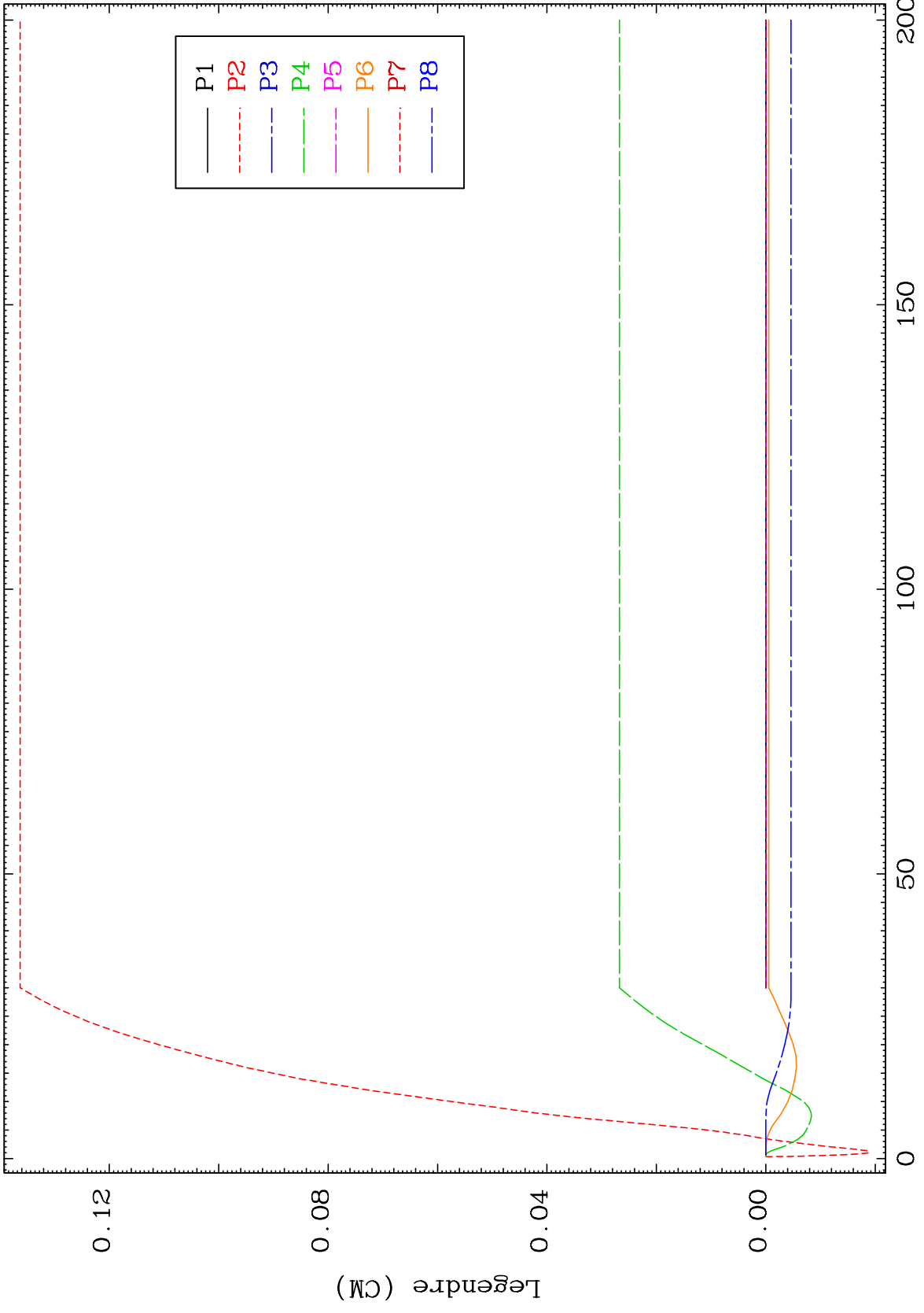
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



31

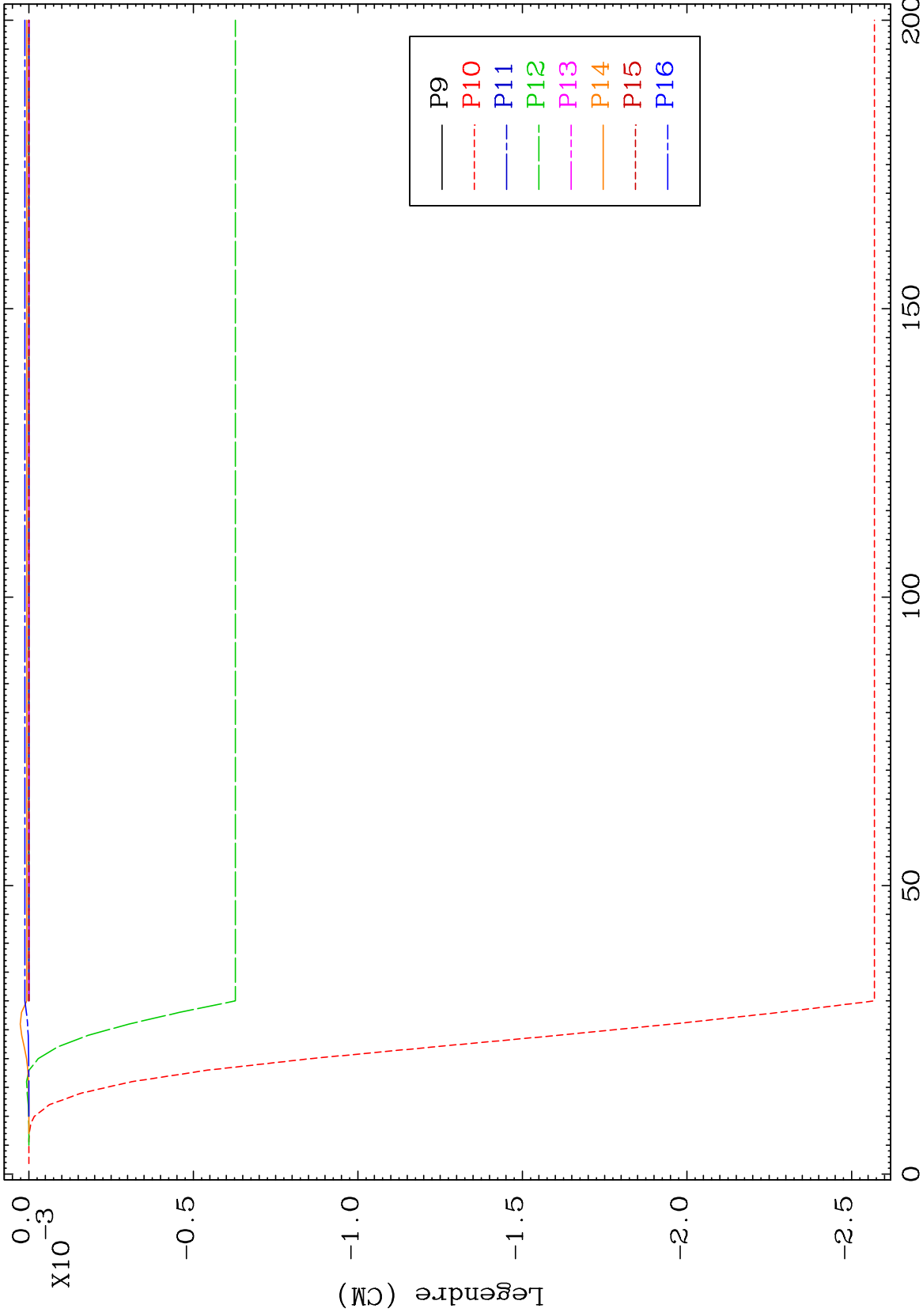
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



32

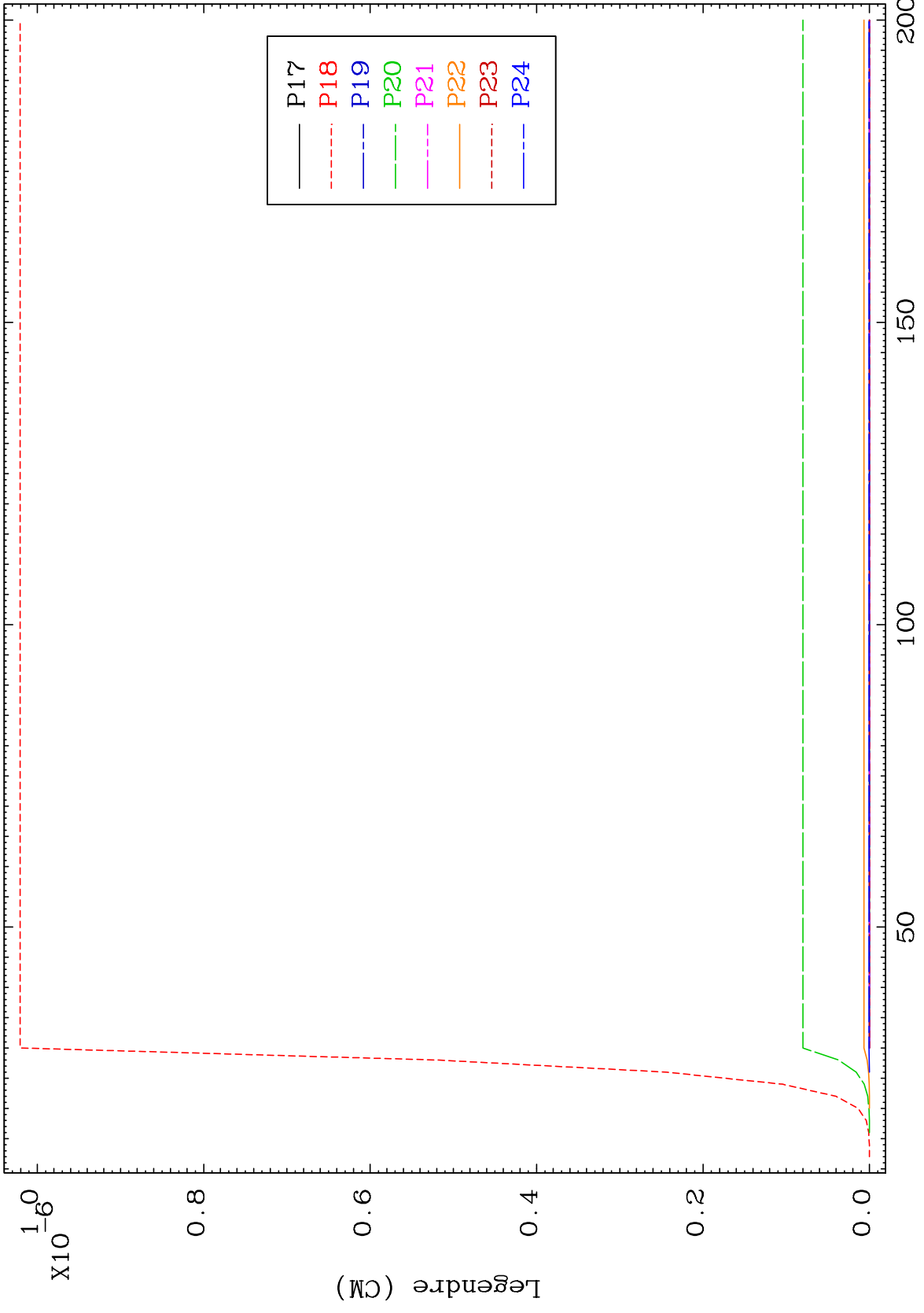
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

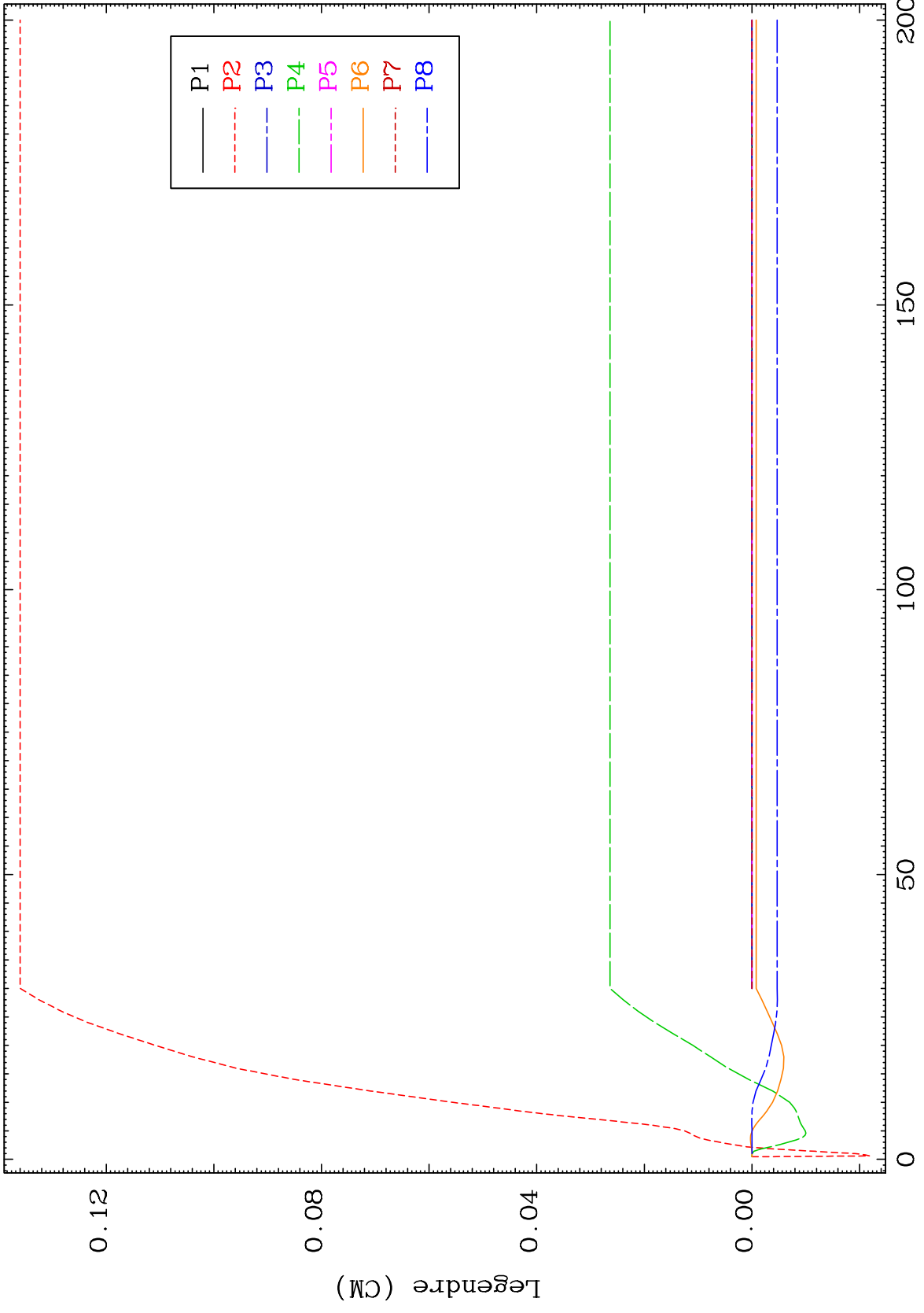


33

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 56 (n,n') Level Legendre Coefficients 34-Se-77

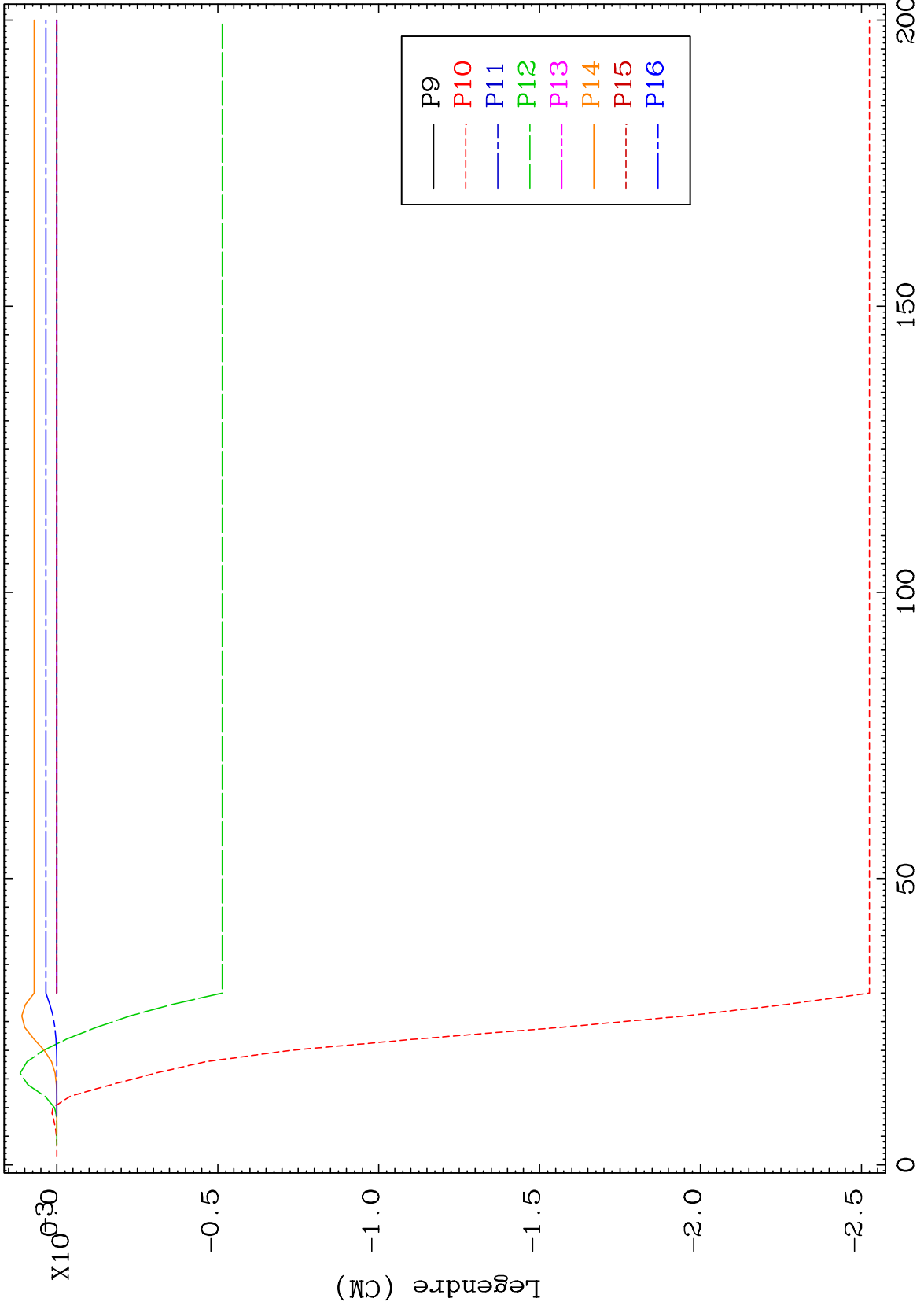


34 34-Se-77

MAT 3434

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

34-Se-77



35

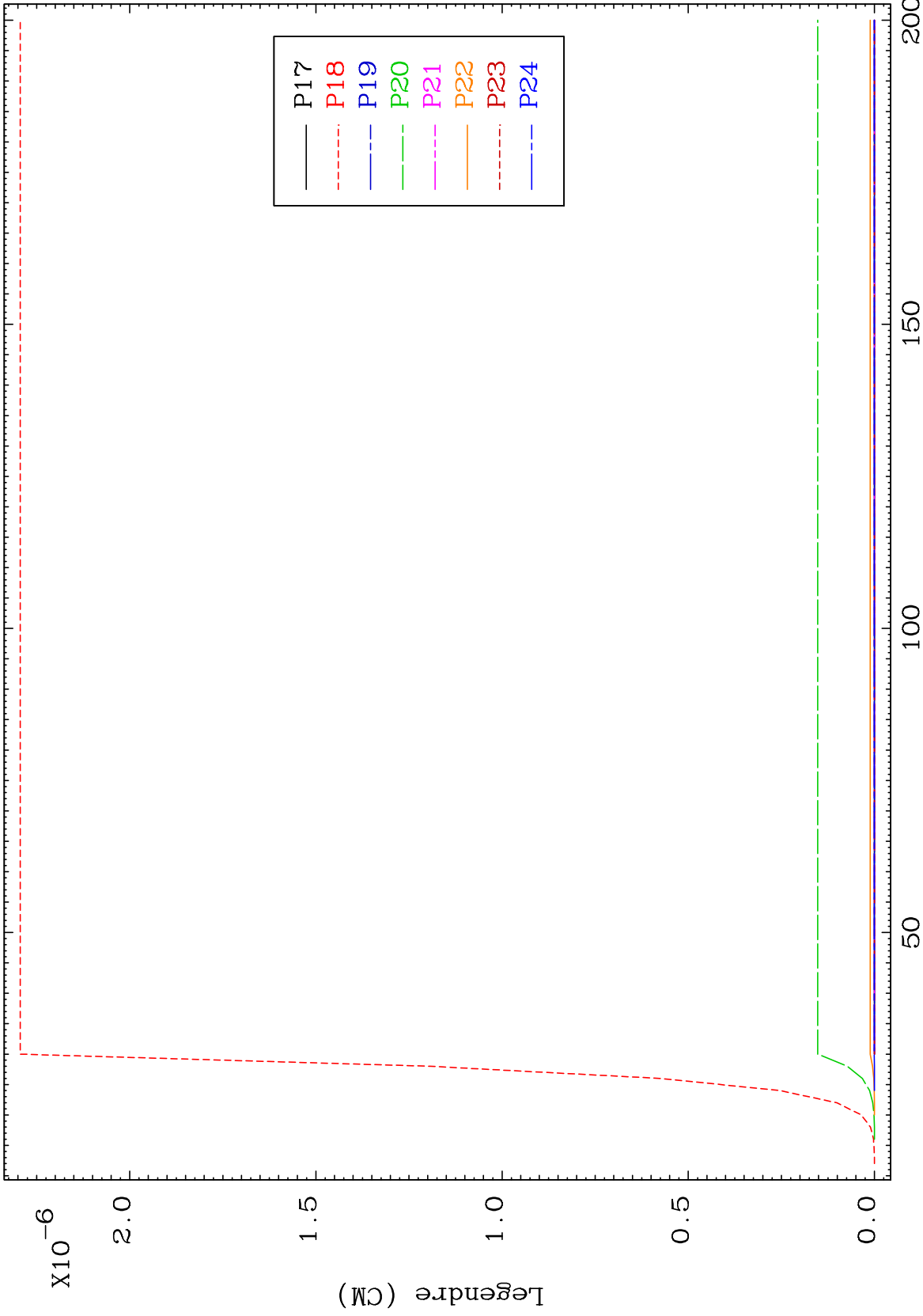
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



36

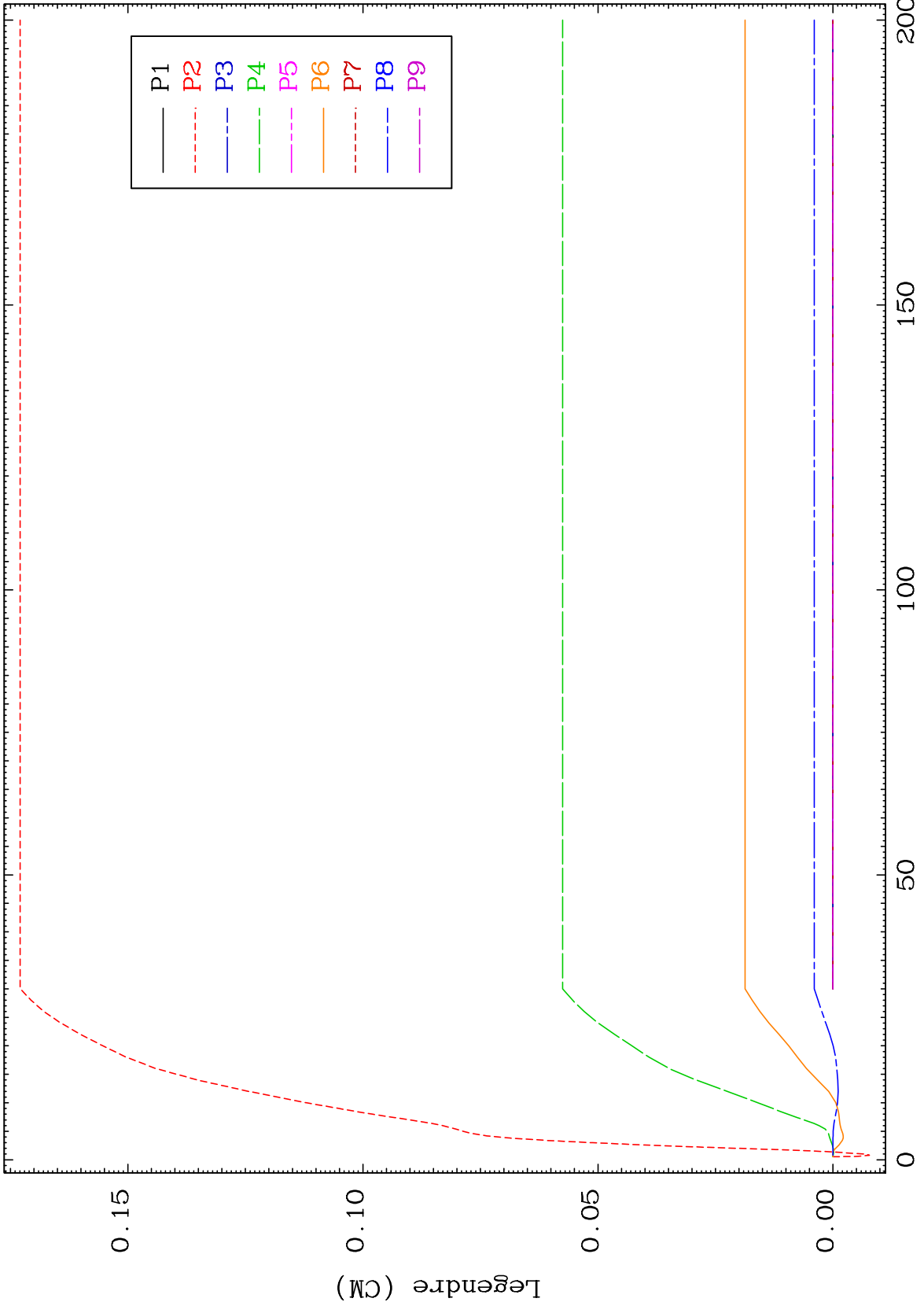
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



37

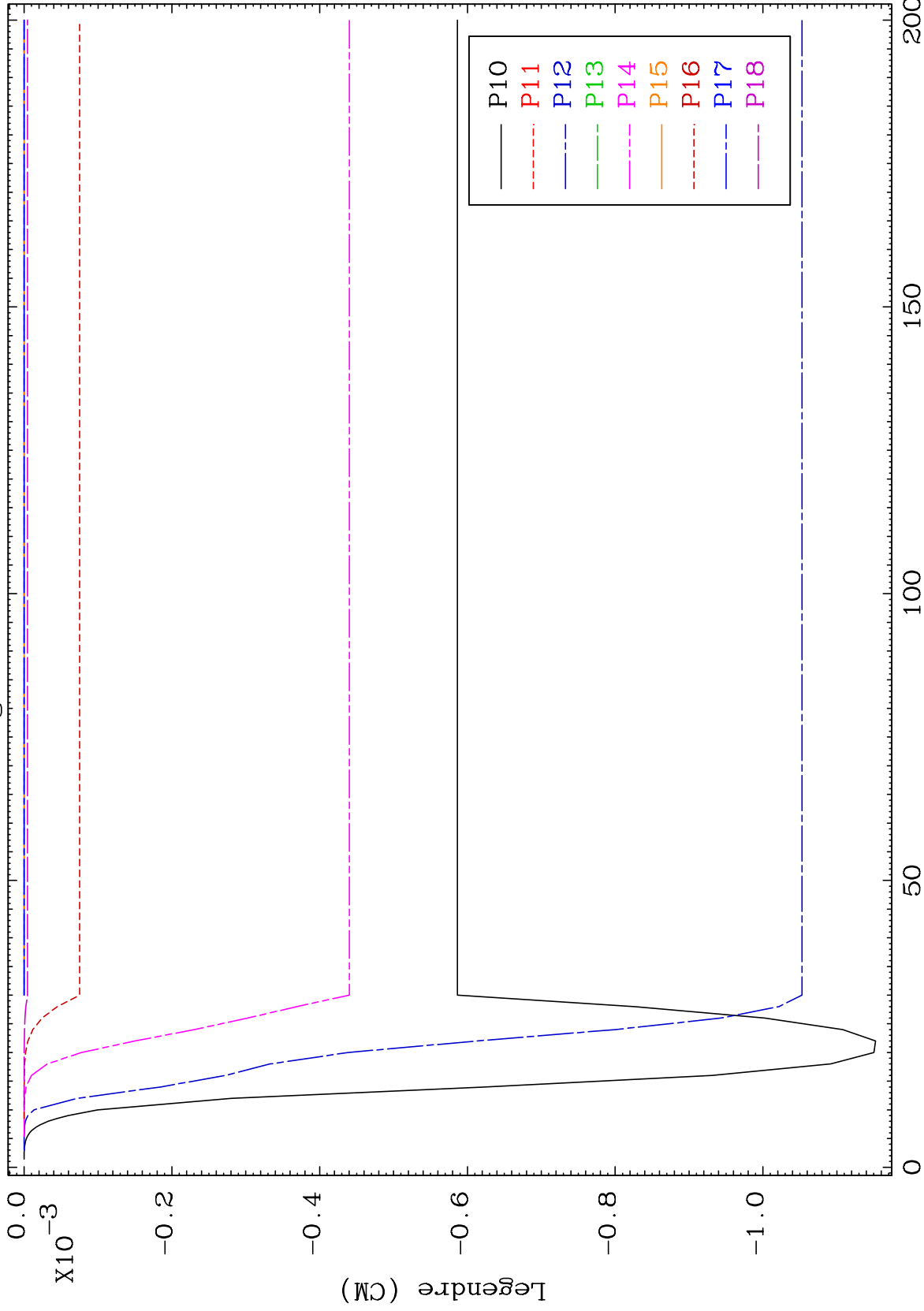
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



38

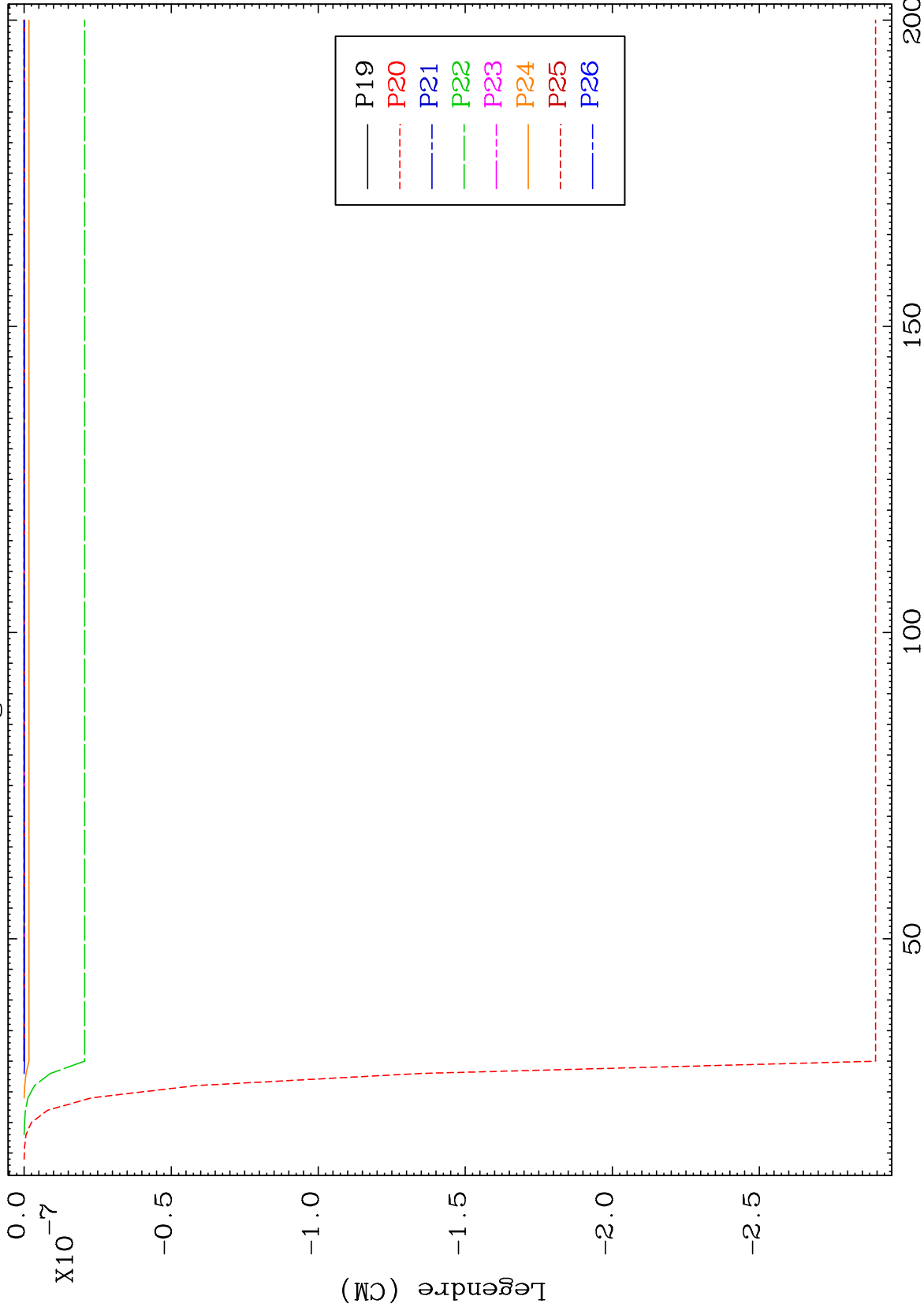
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



39

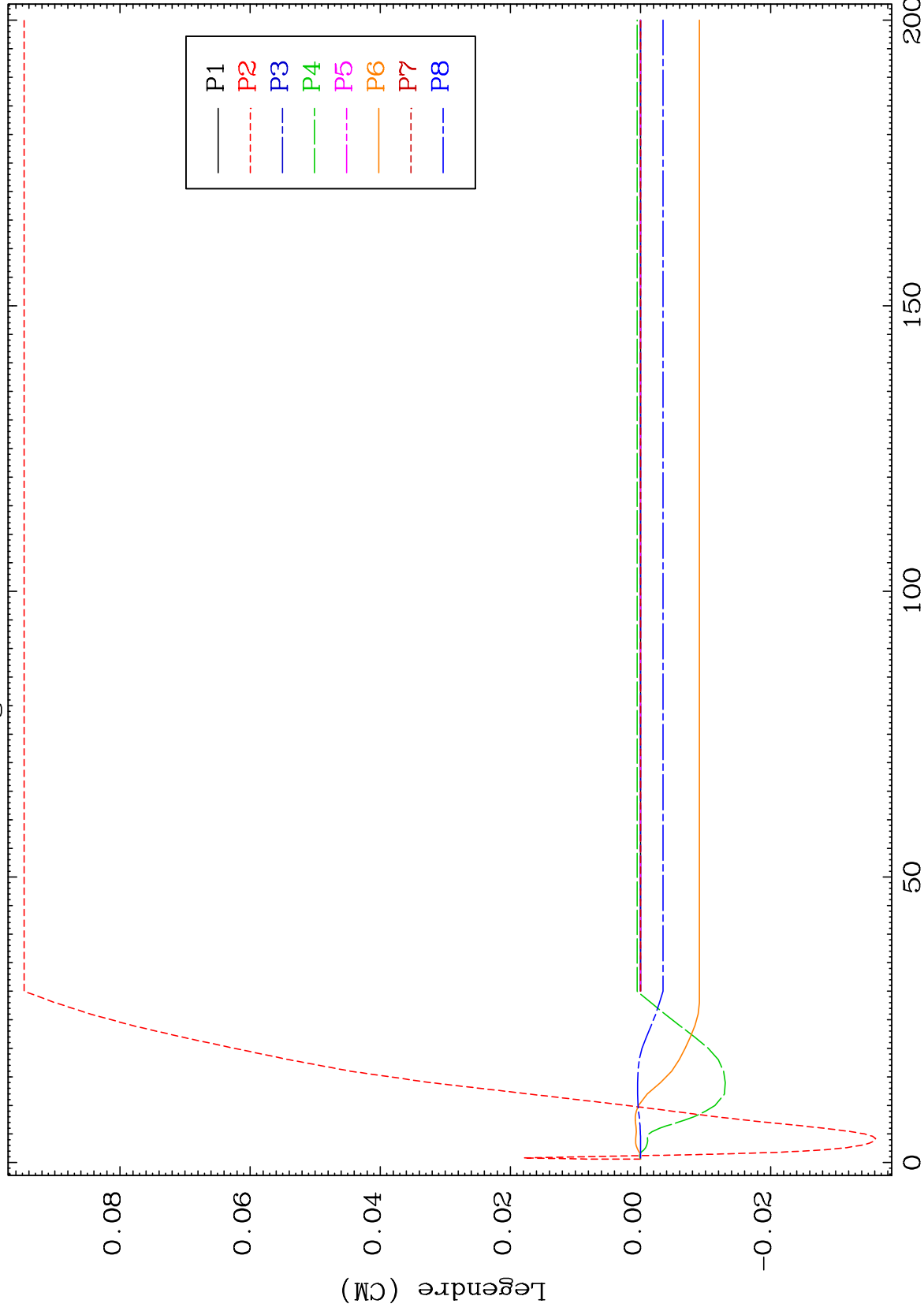
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



34-Se-77

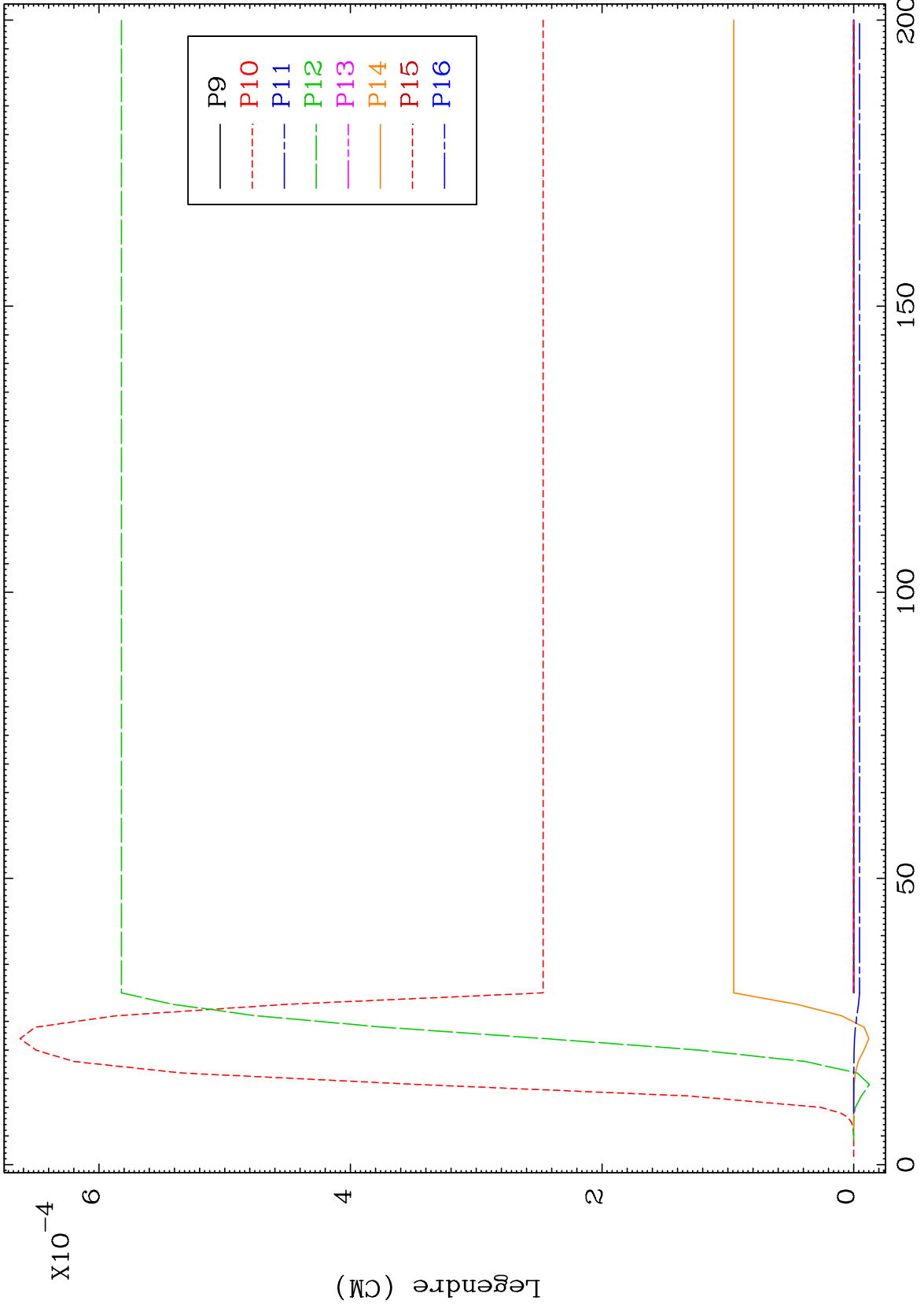
Incident Energy (MeV)

40

MAT 3434

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

³⁴Se-77



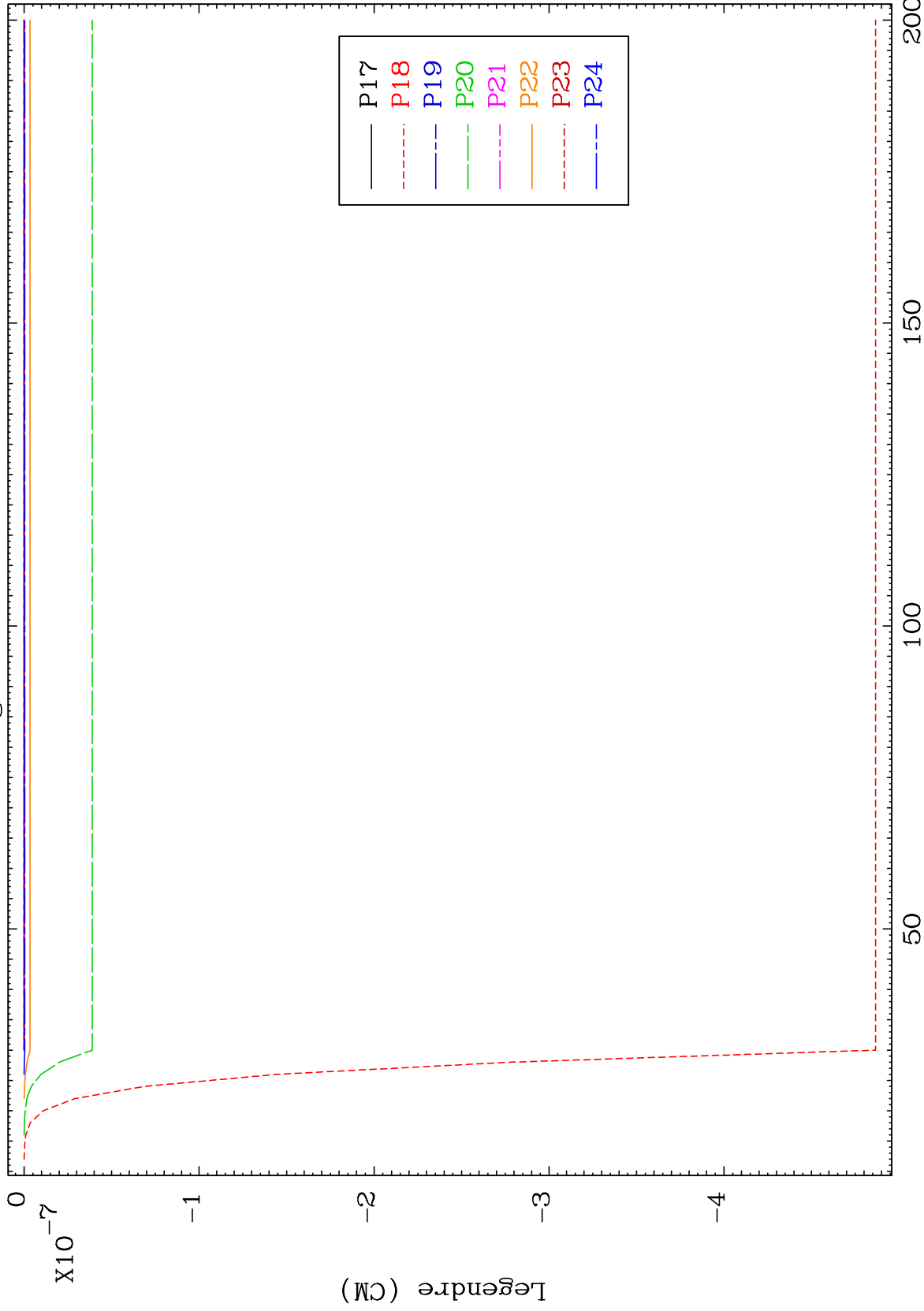
41

³⁴Se-77

MAT 3434

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

34-Se-77



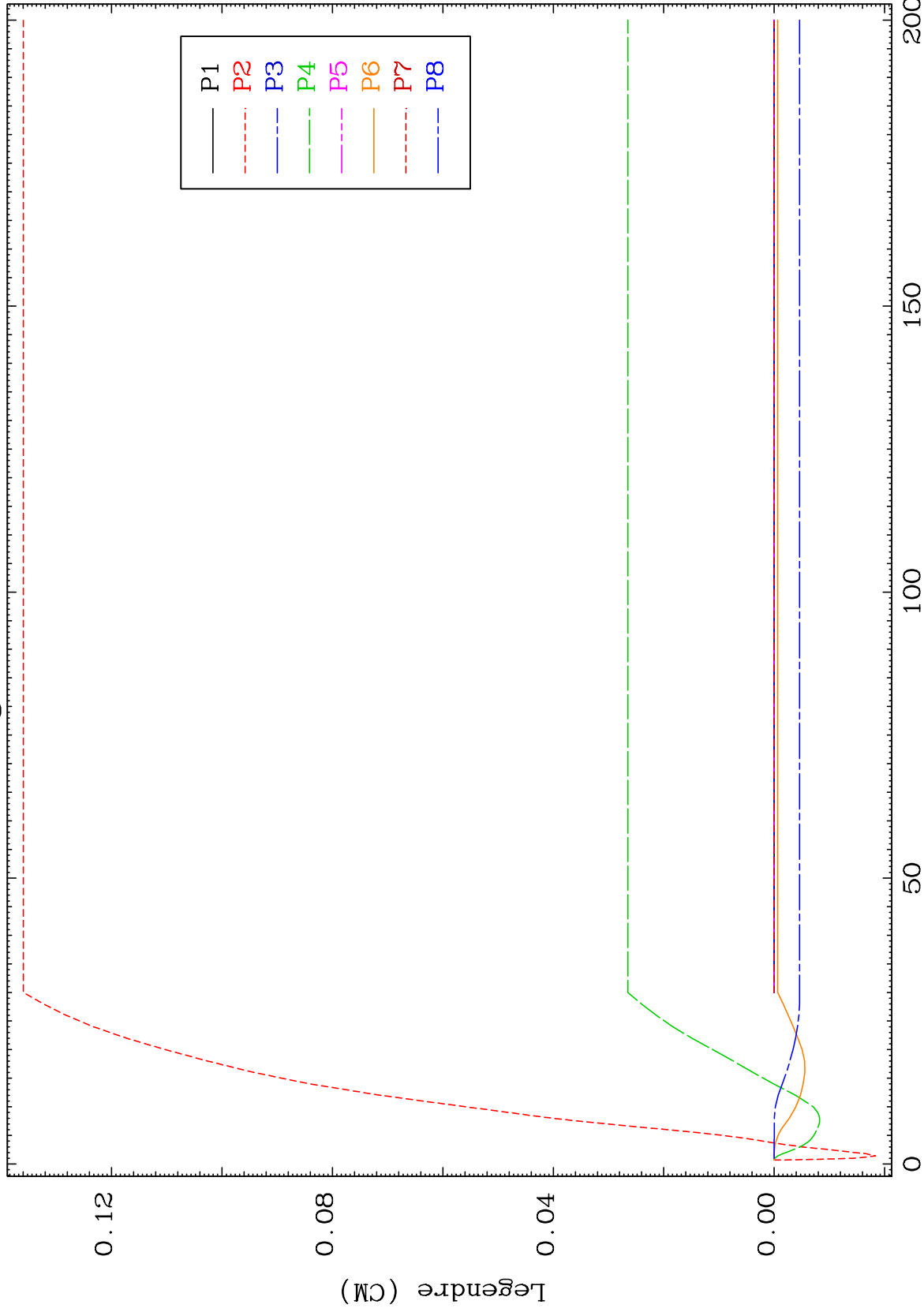
42

34-Se-77

MAT 3434

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

34-Se-77



43

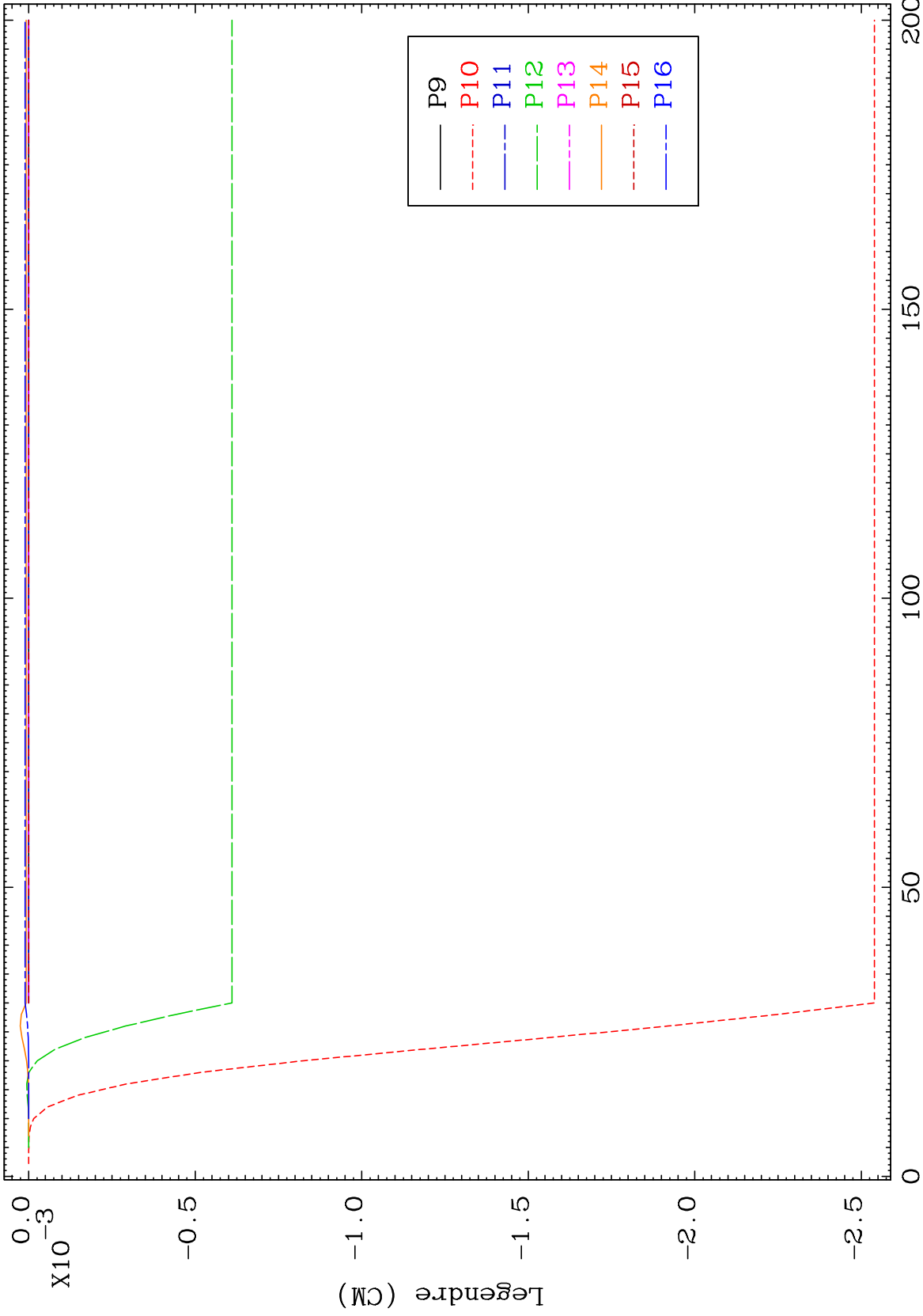
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



44

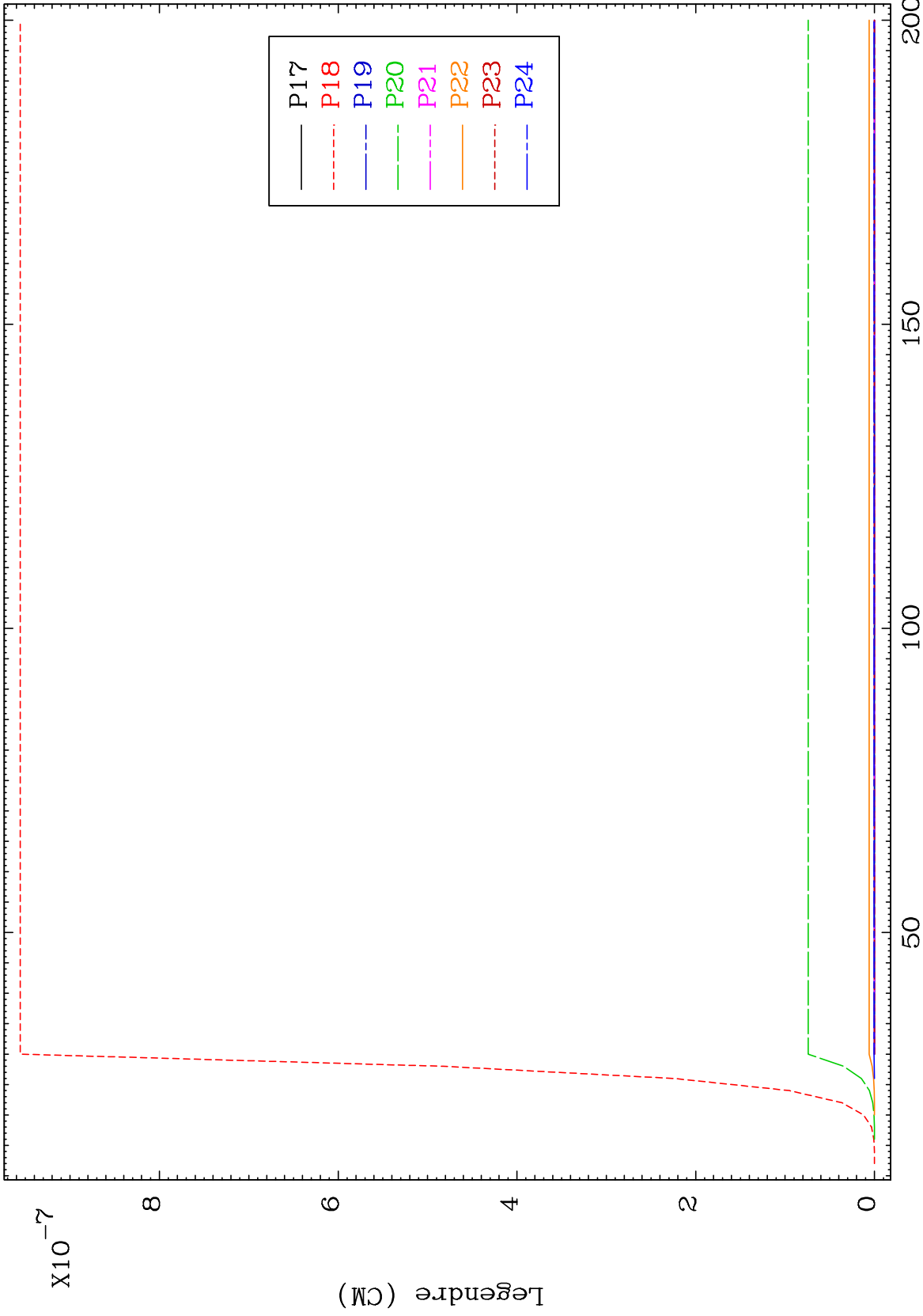
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



45

Incident Energy (MeV)

50

100

150

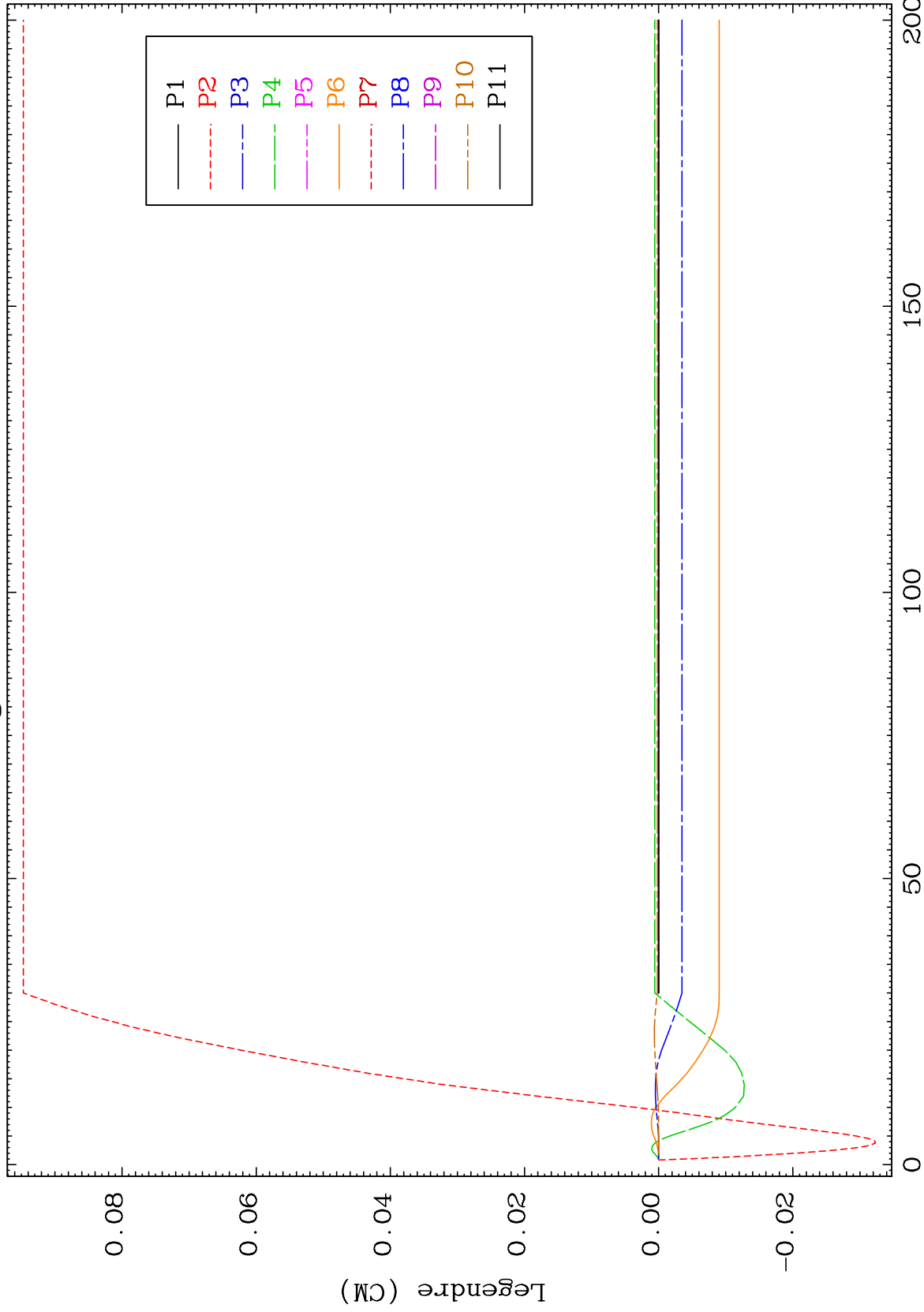
200

34-Se-77

MAT 3434

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

34-Se-77



46

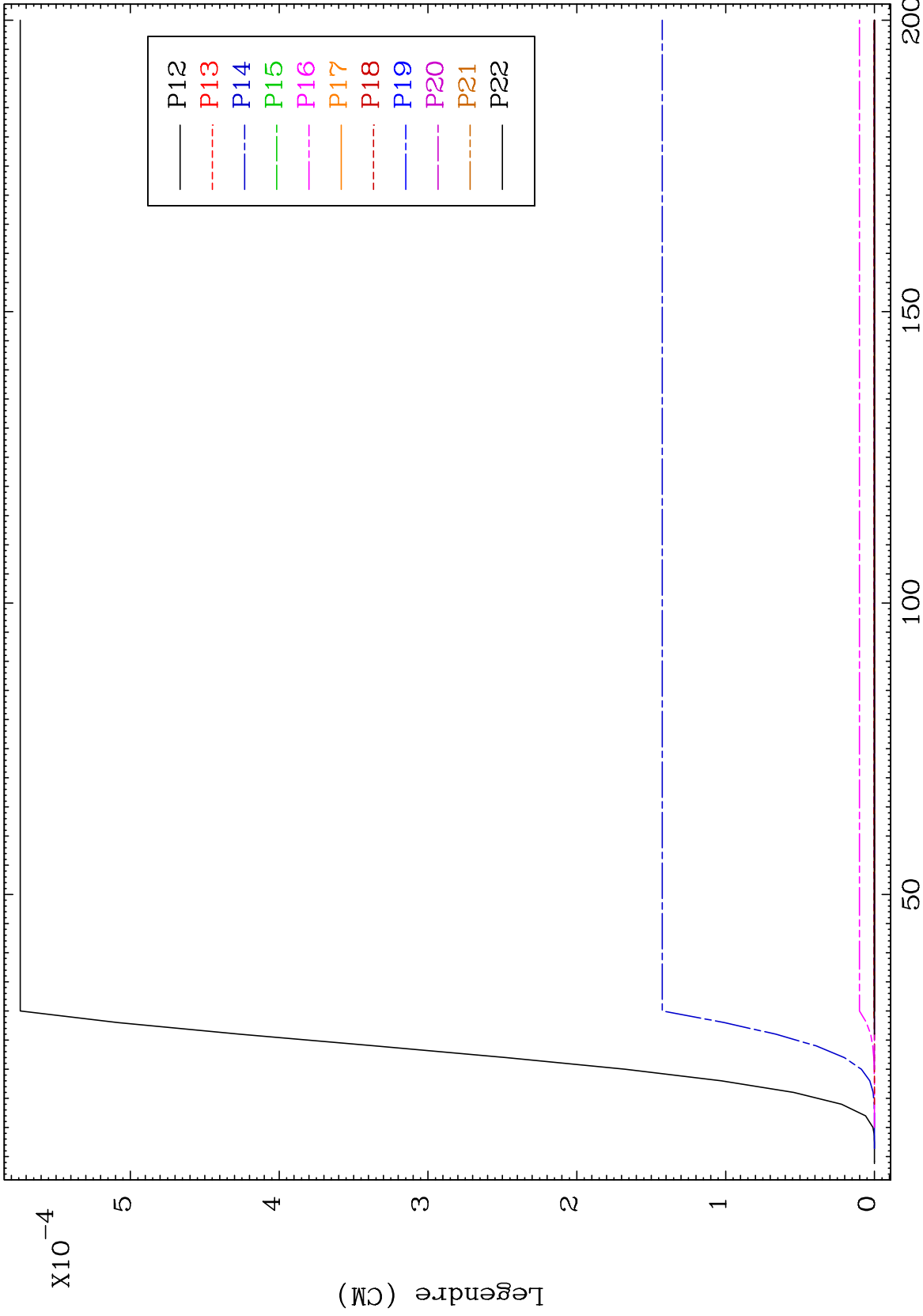
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



47

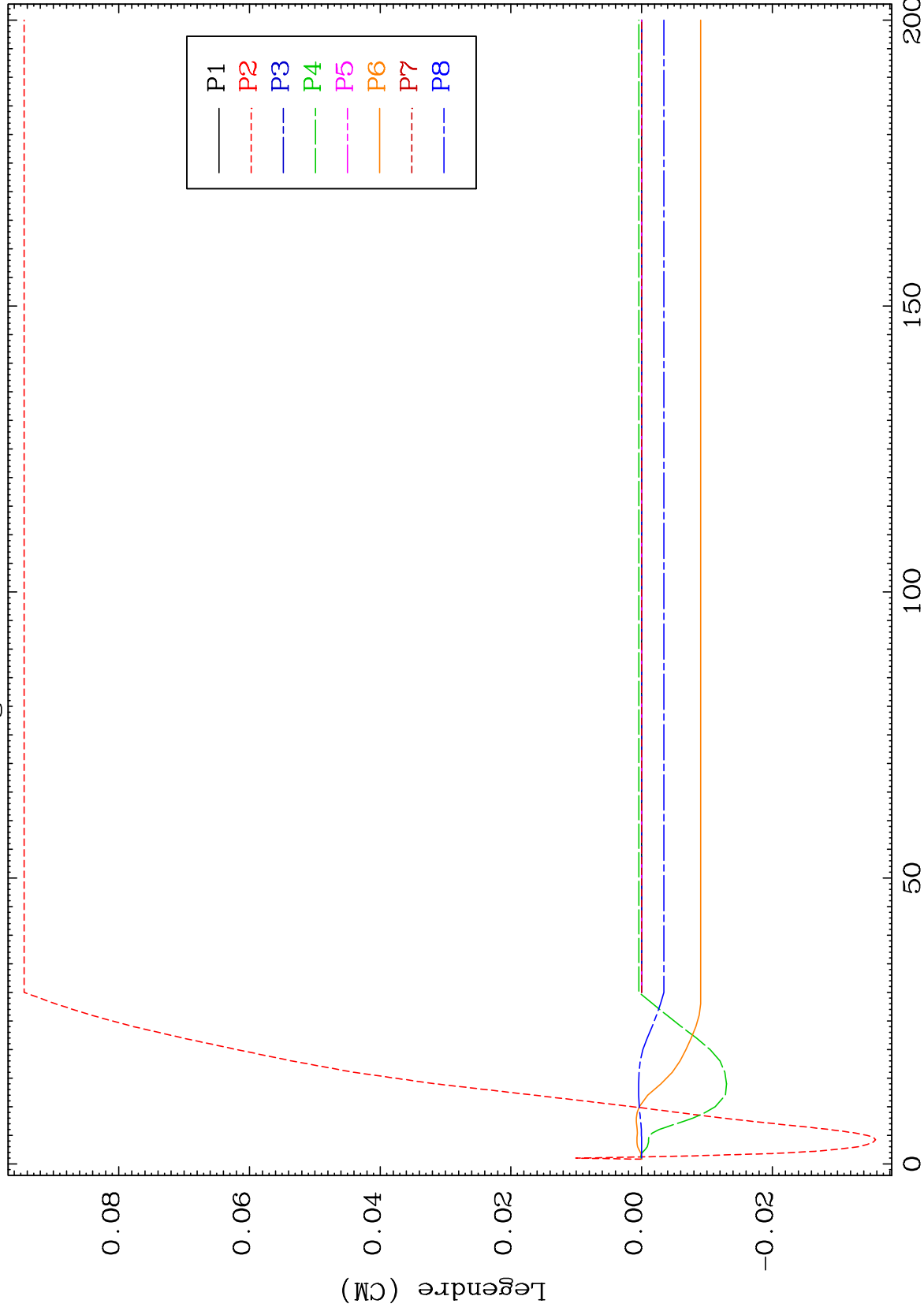
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



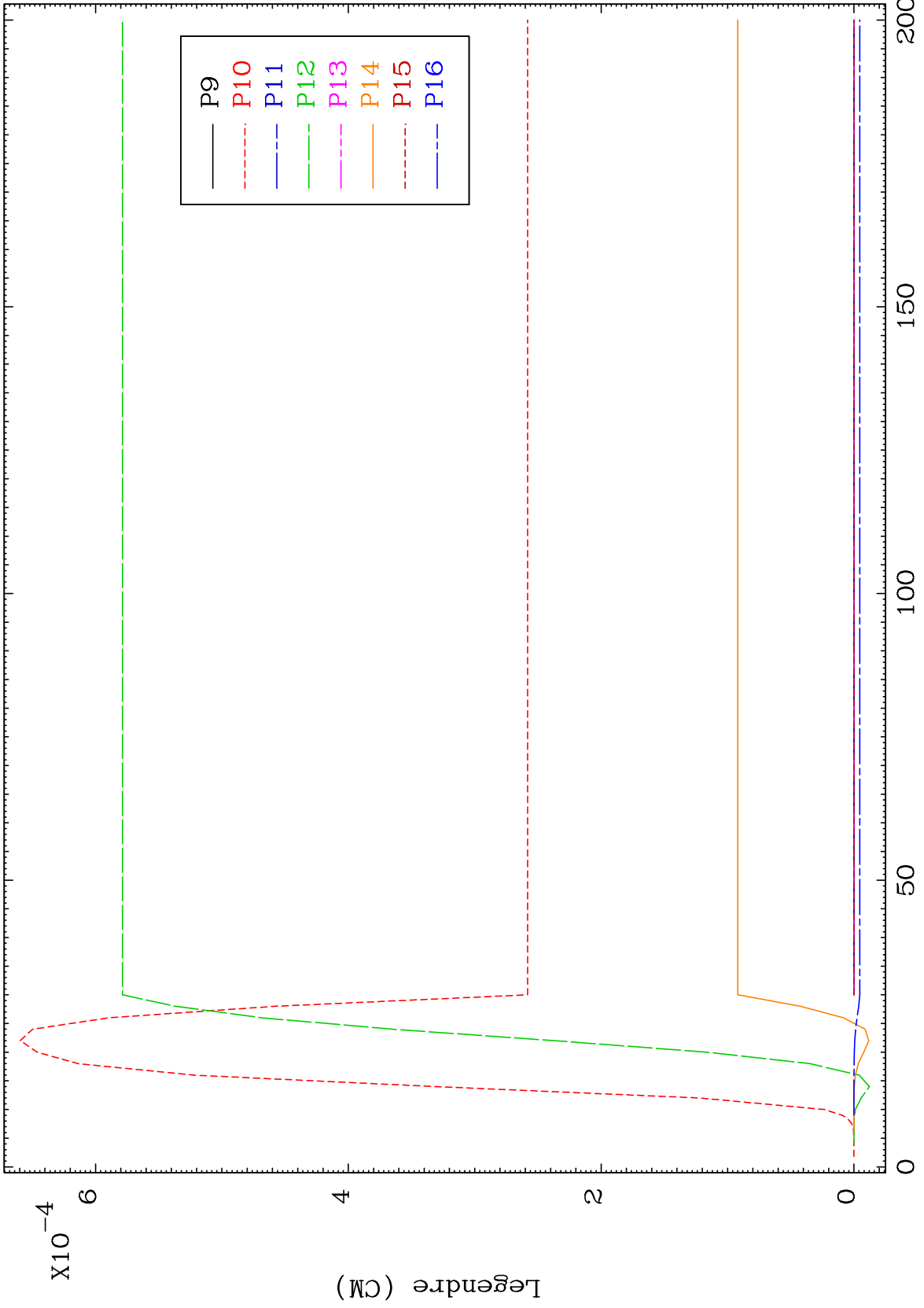
48

34-Se-77

MAT 3434

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

34-Se-77



49

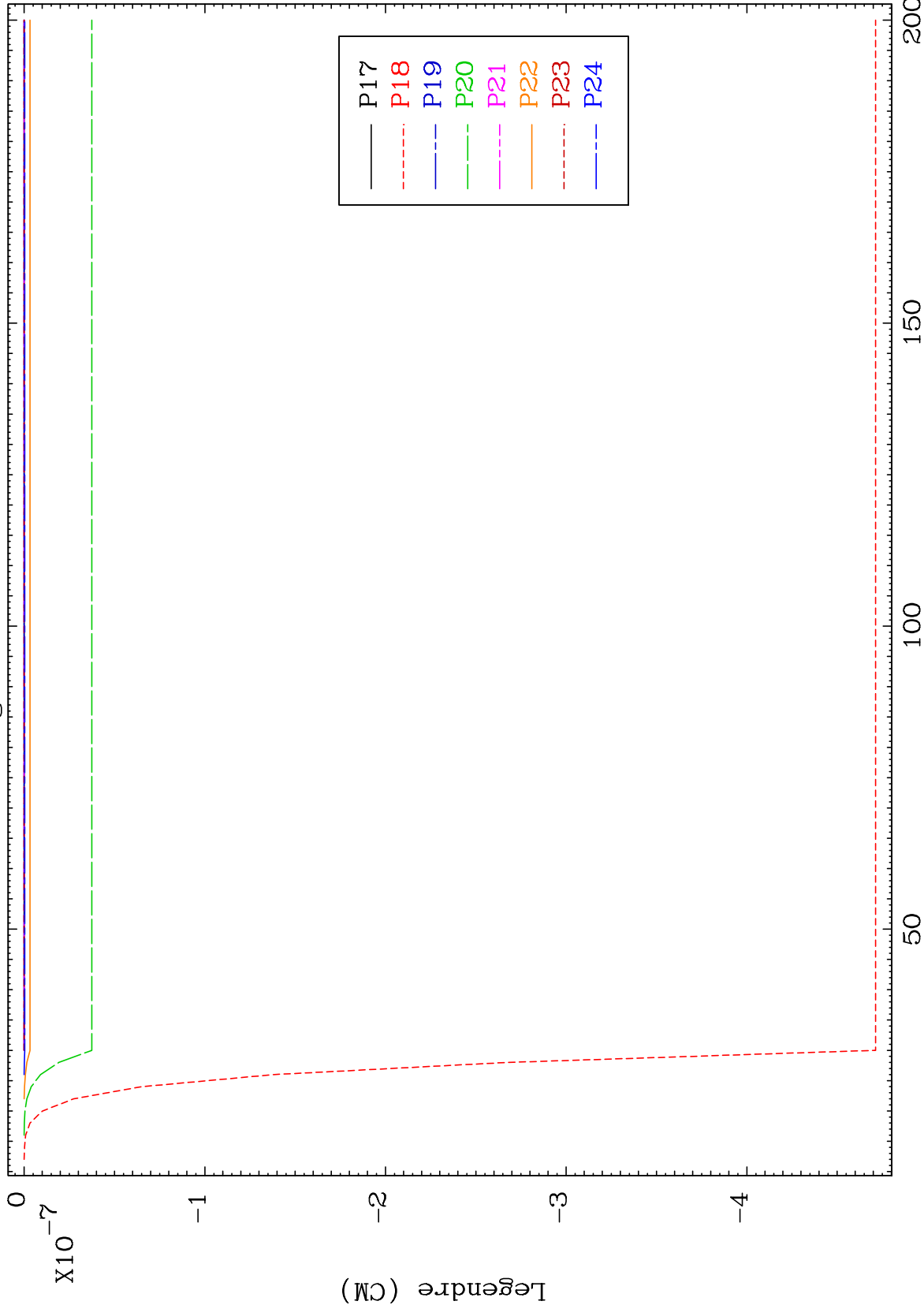
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



34-Se-77

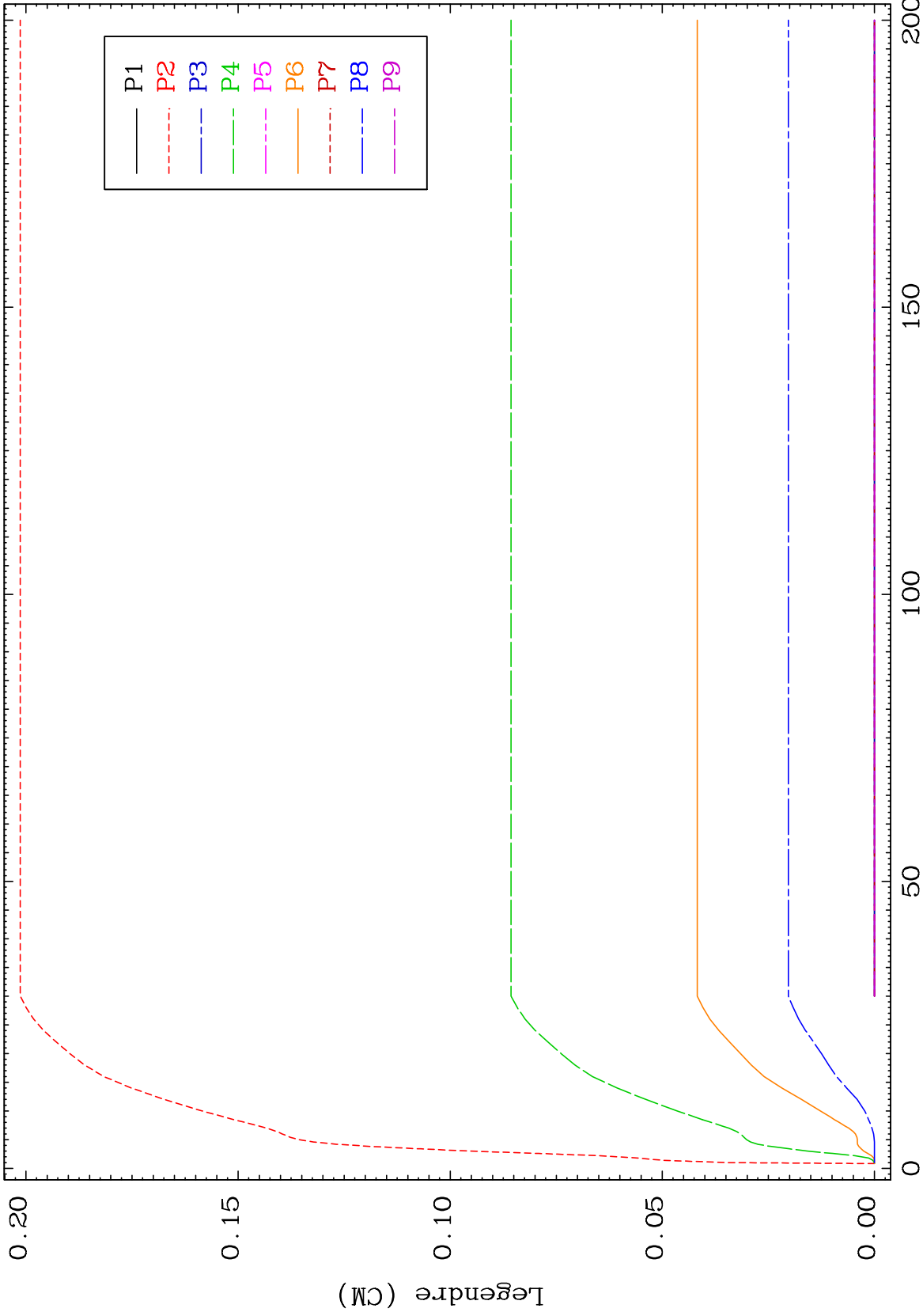
Incident Energy (MeV)

50

MAT 3434

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

34-Se-77



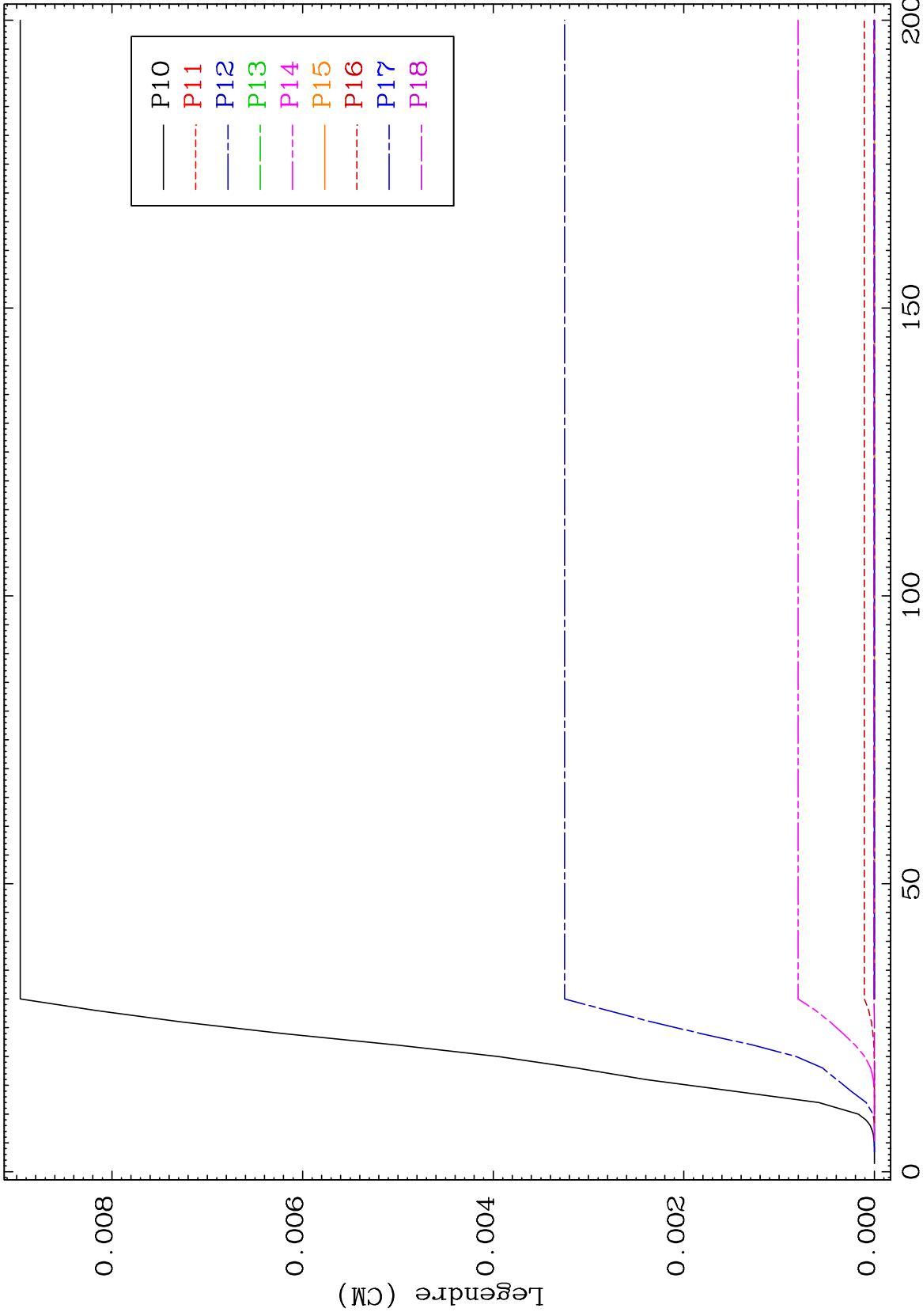
51

34-Se-77

MAT 3434

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

34-Se-77



52

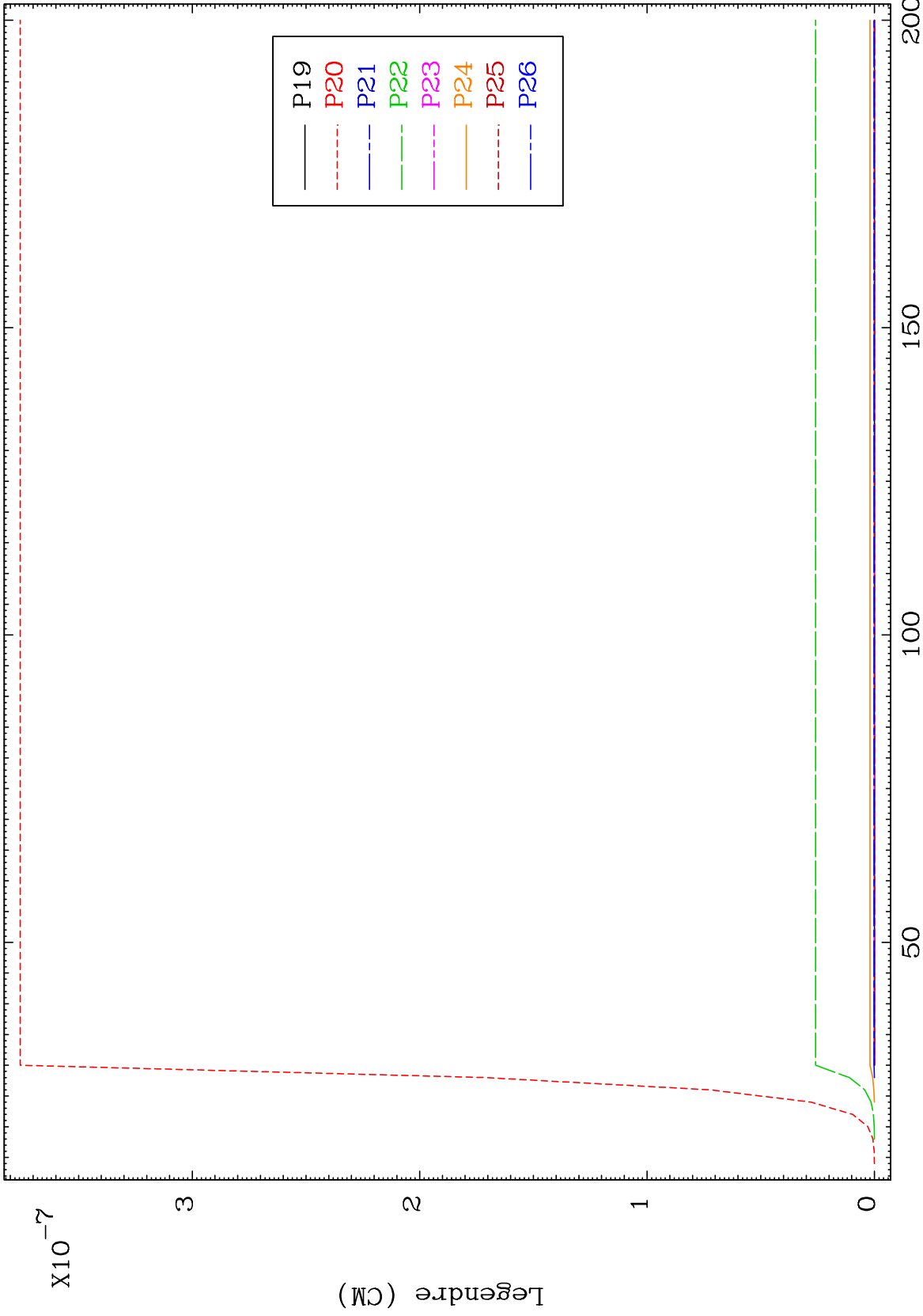
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



53

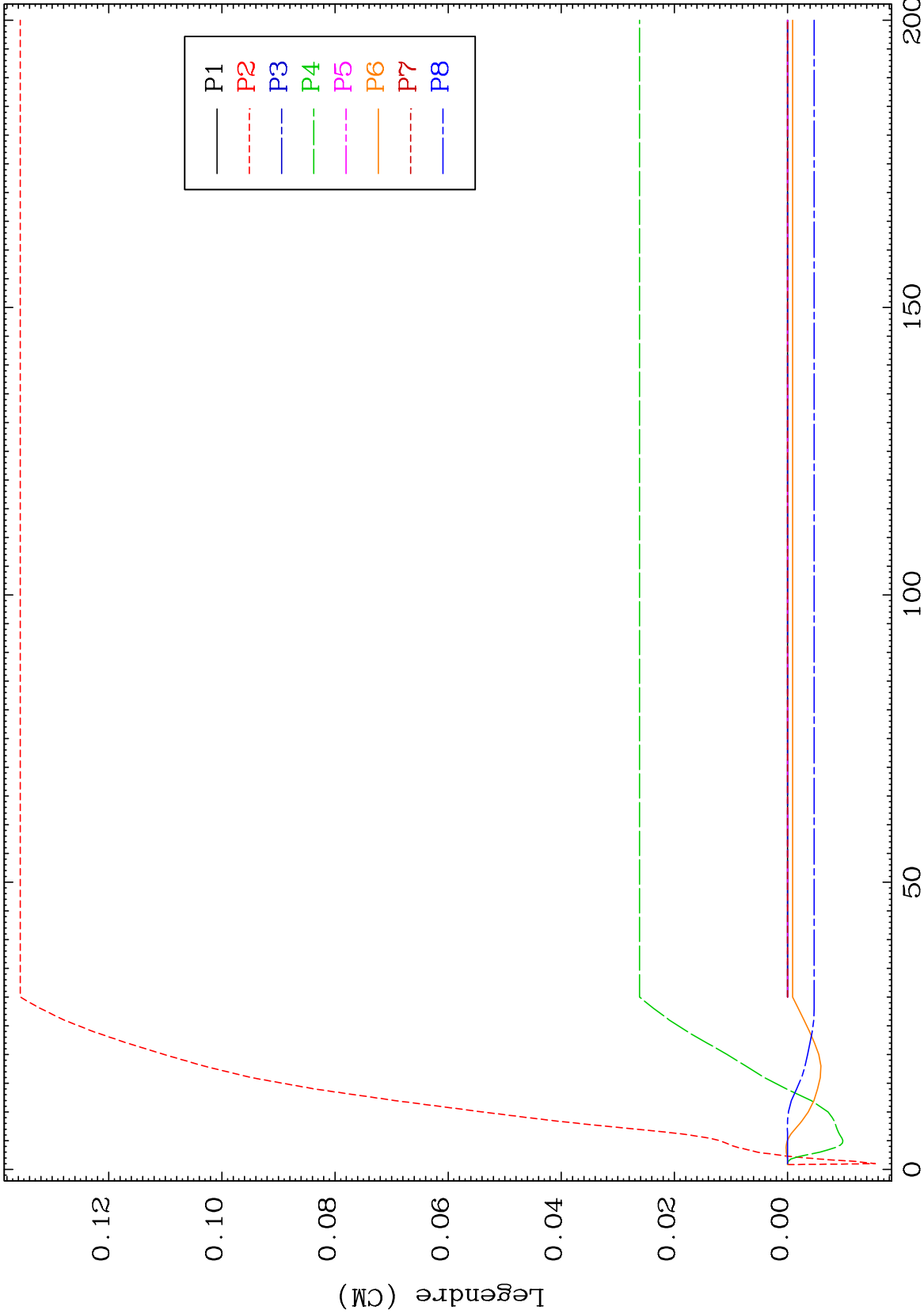
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



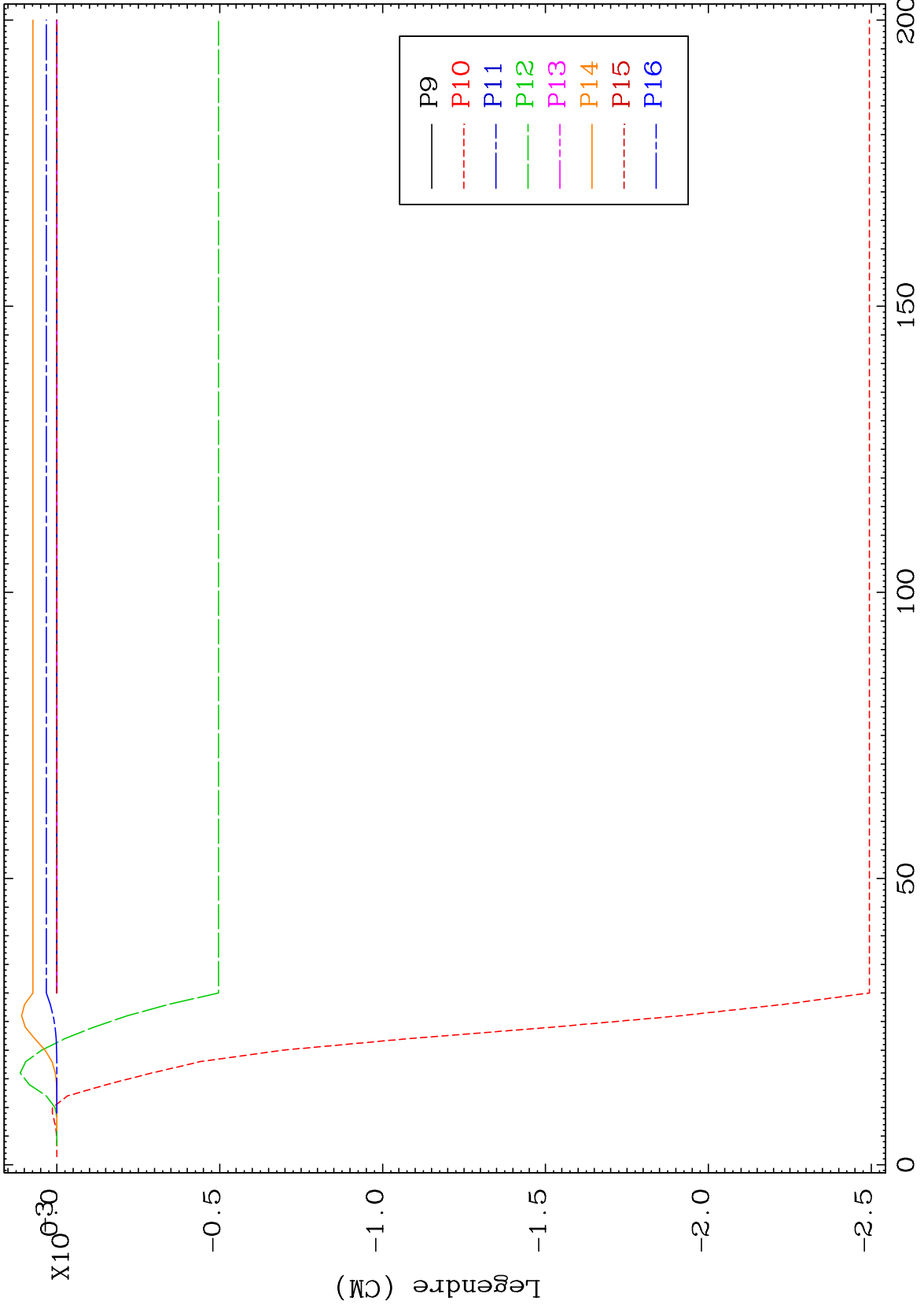
54

34-Se-77

MAT 3434

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

34-Se-77



55

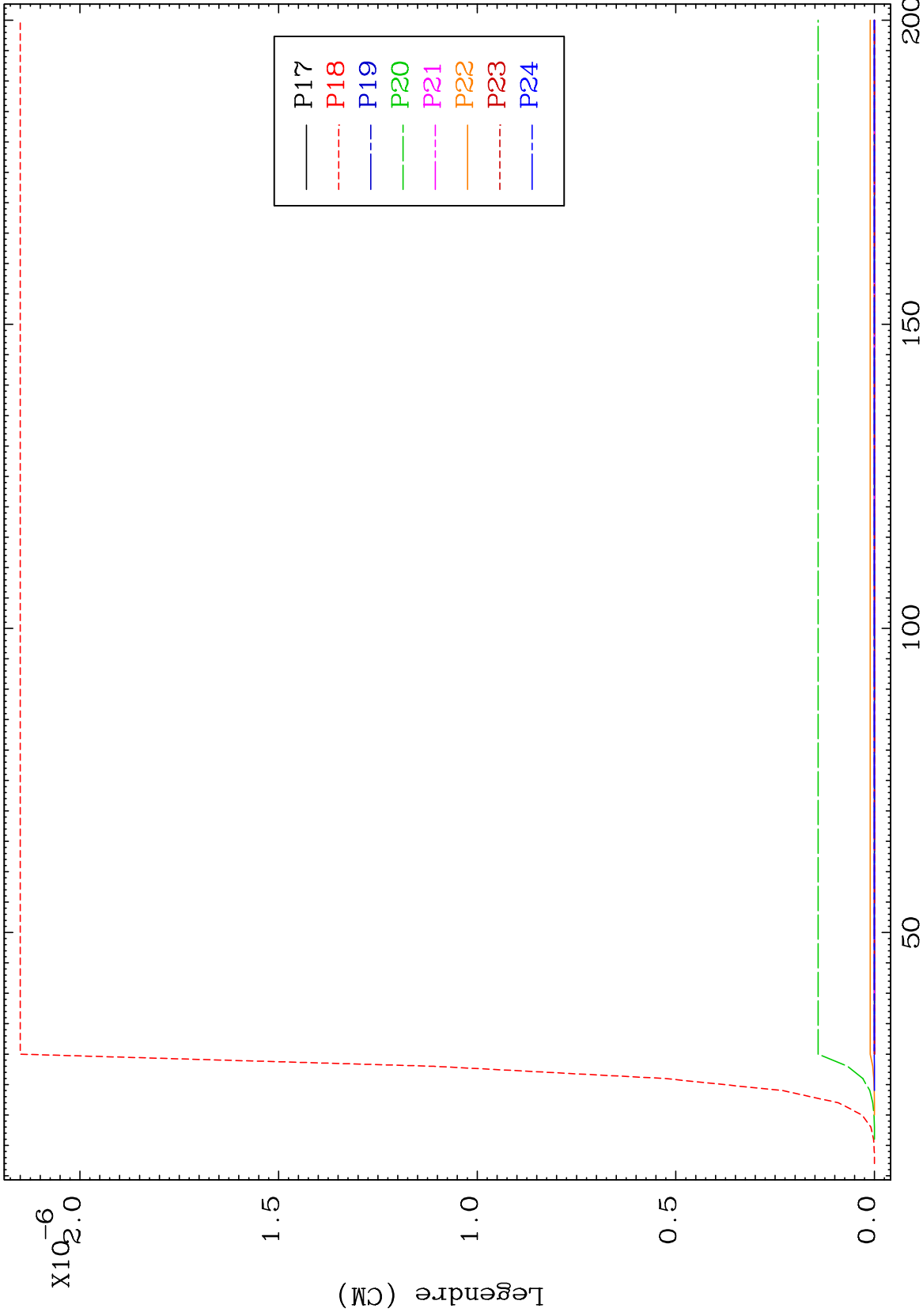
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

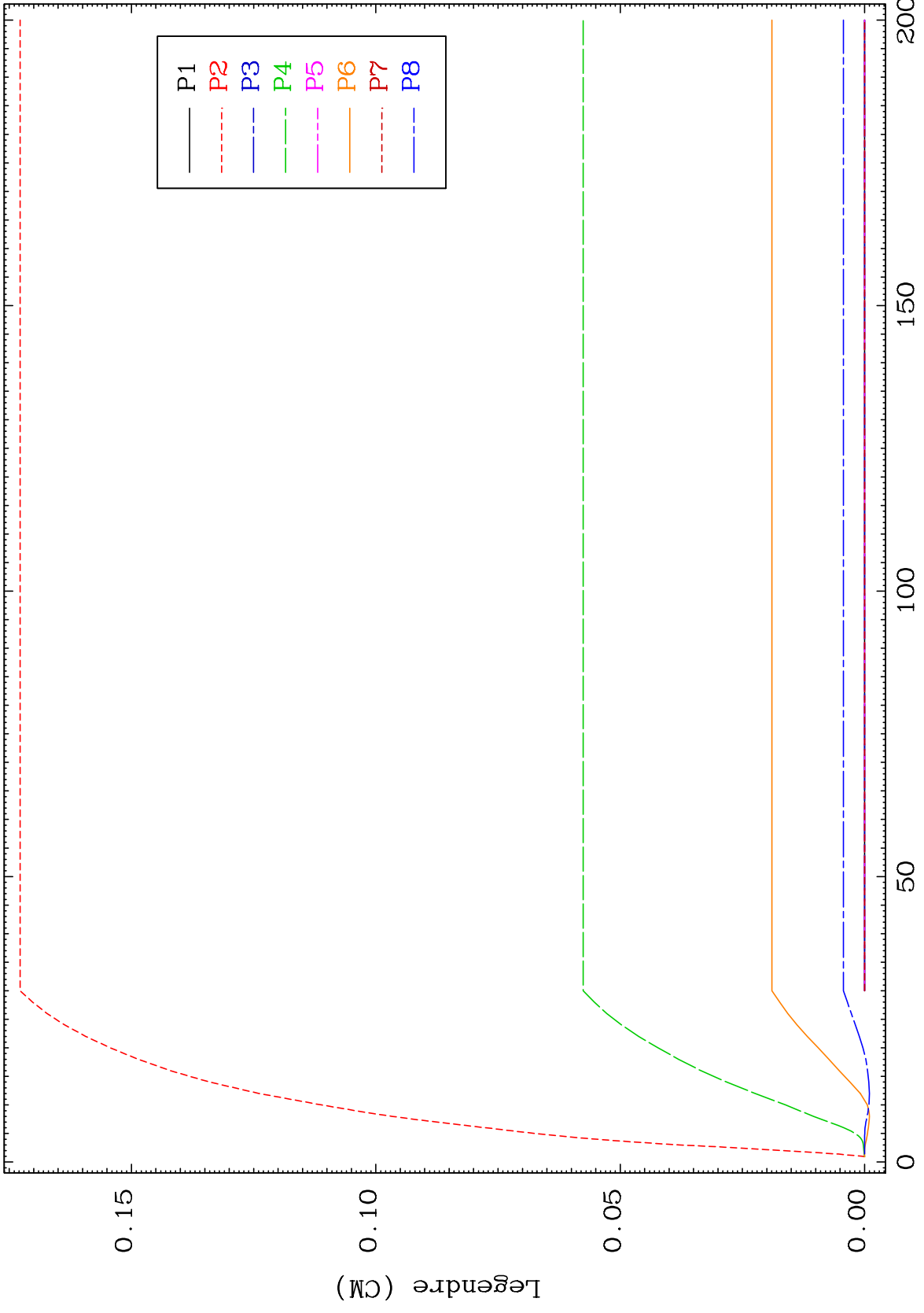


56

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 64 (n,n') Level Legendre Coefficients 34-Se-77

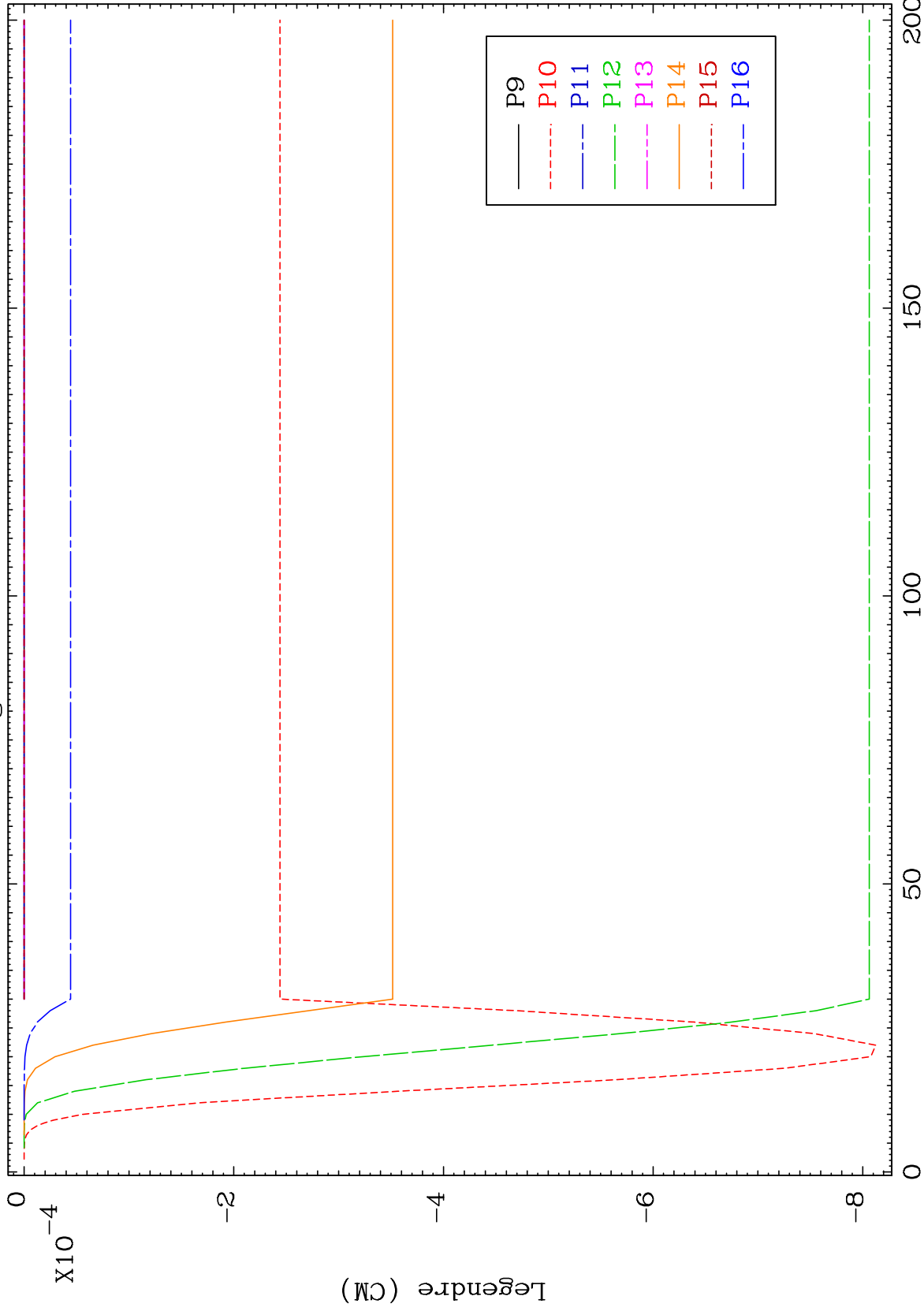


57 Incident Energy (MeV) 34-Se-77

MAT 3434

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

34-Se-77



58

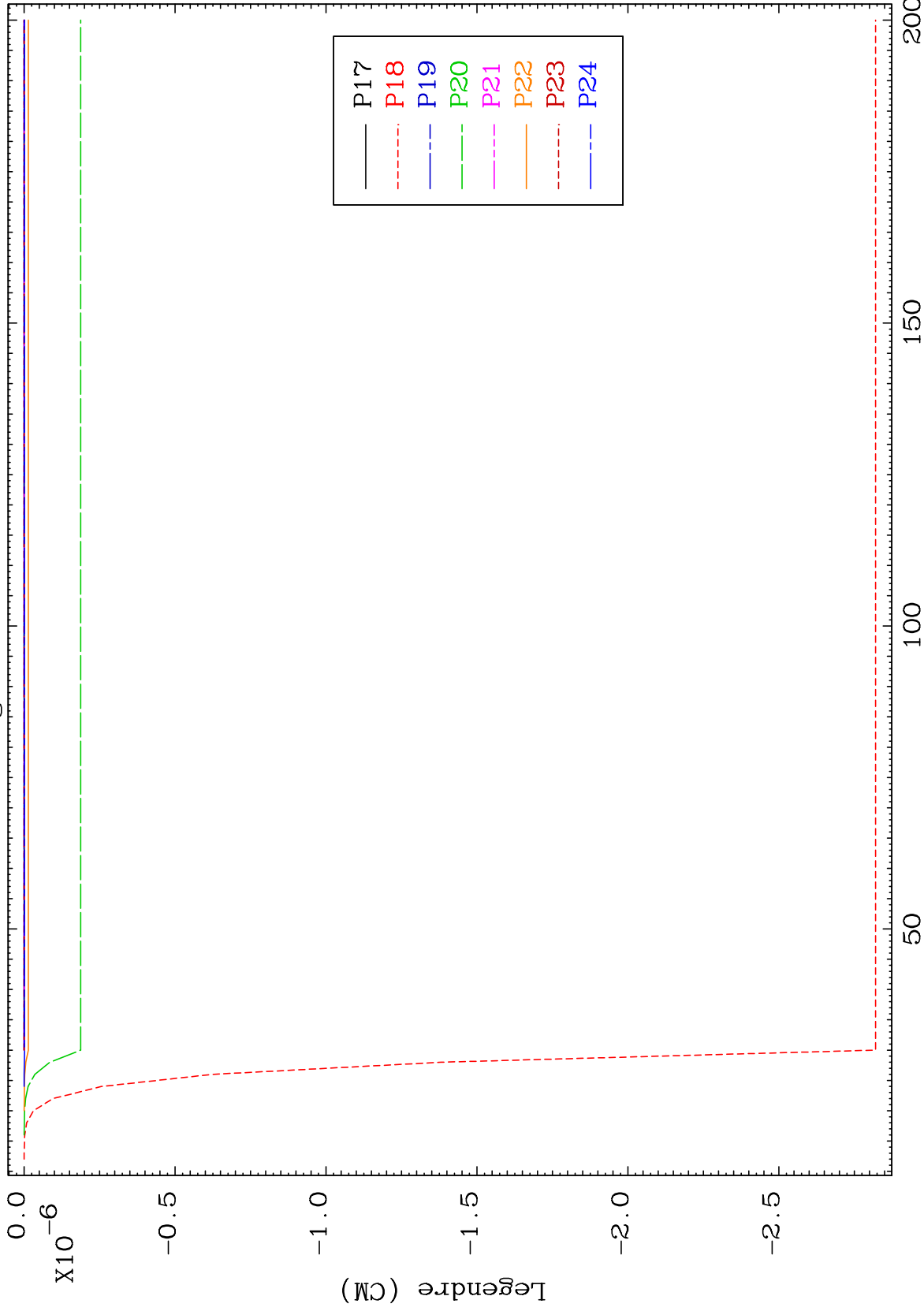
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

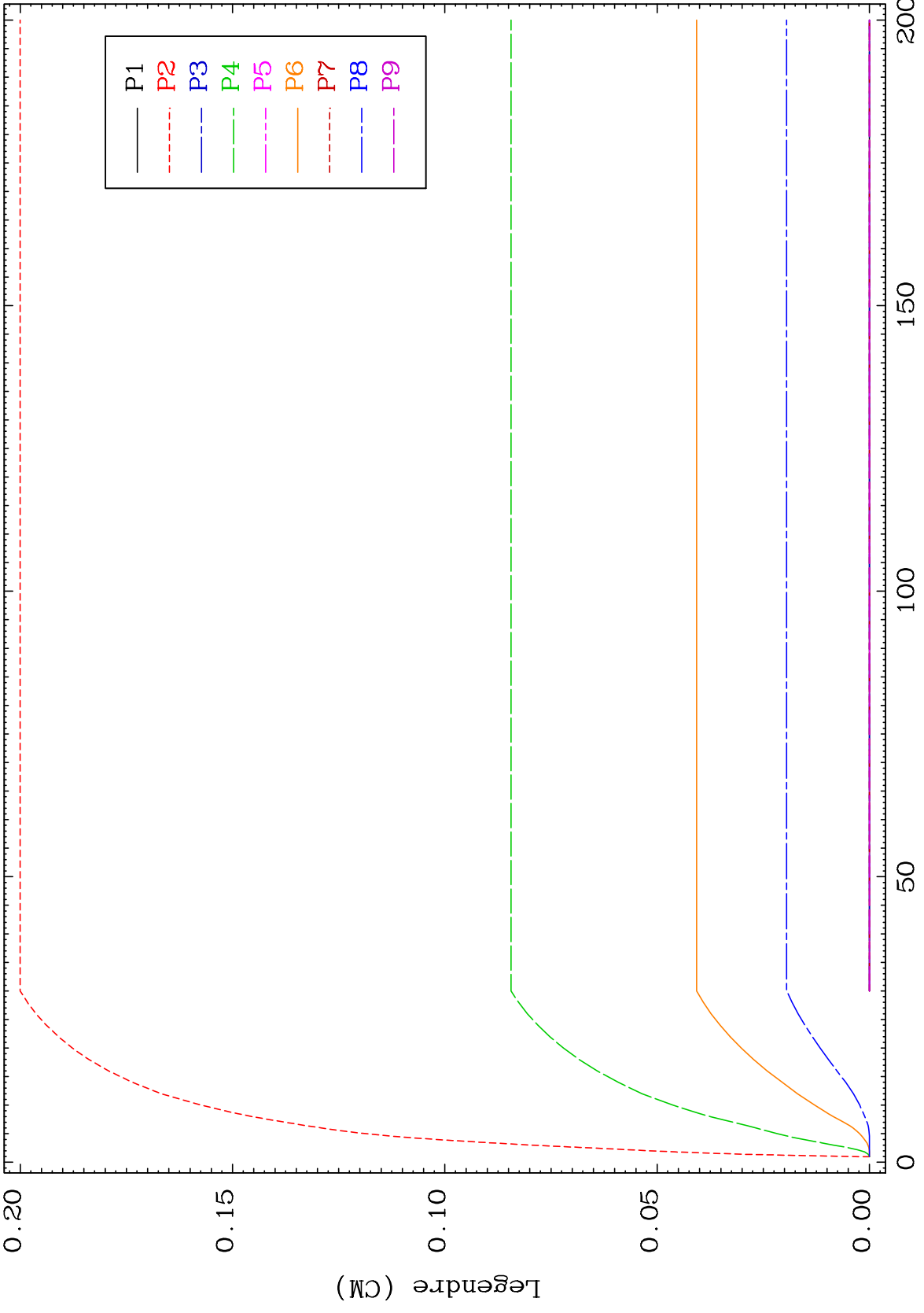


59

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 65 (n,n') Level Legendre Coefficients 34-Se-77

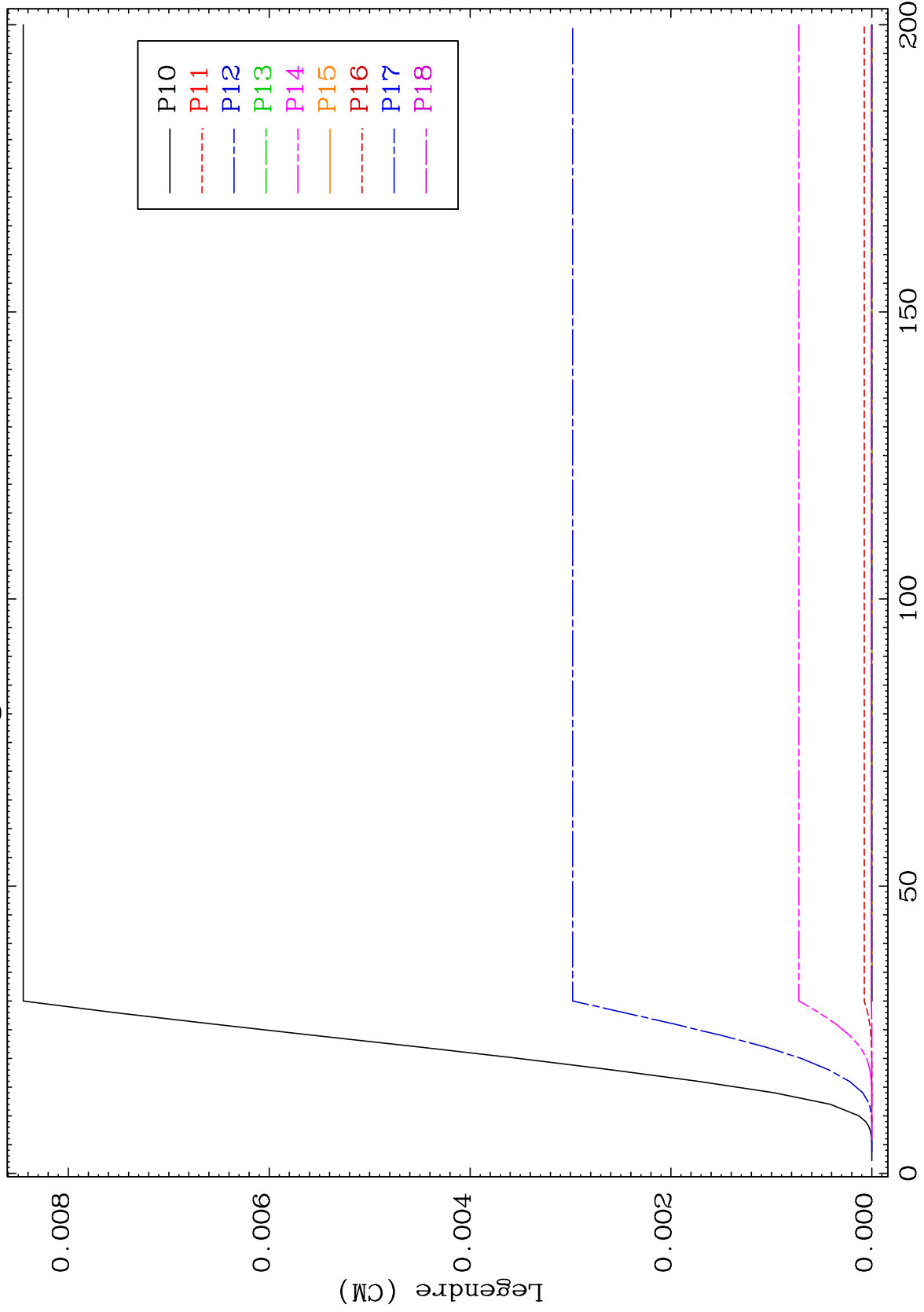


34-Se-77

MAT 3434

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

34-Se-77



61

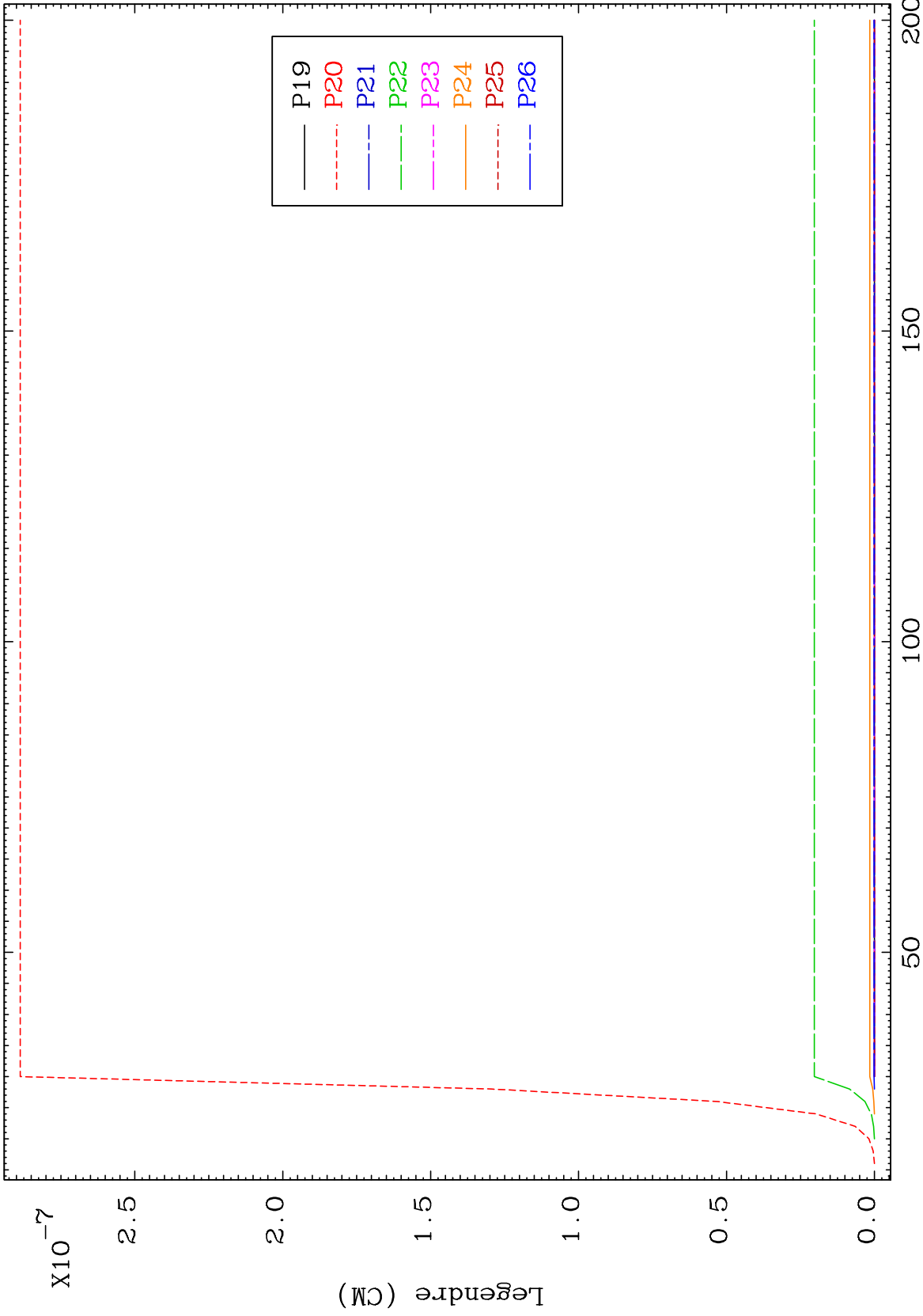
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



62

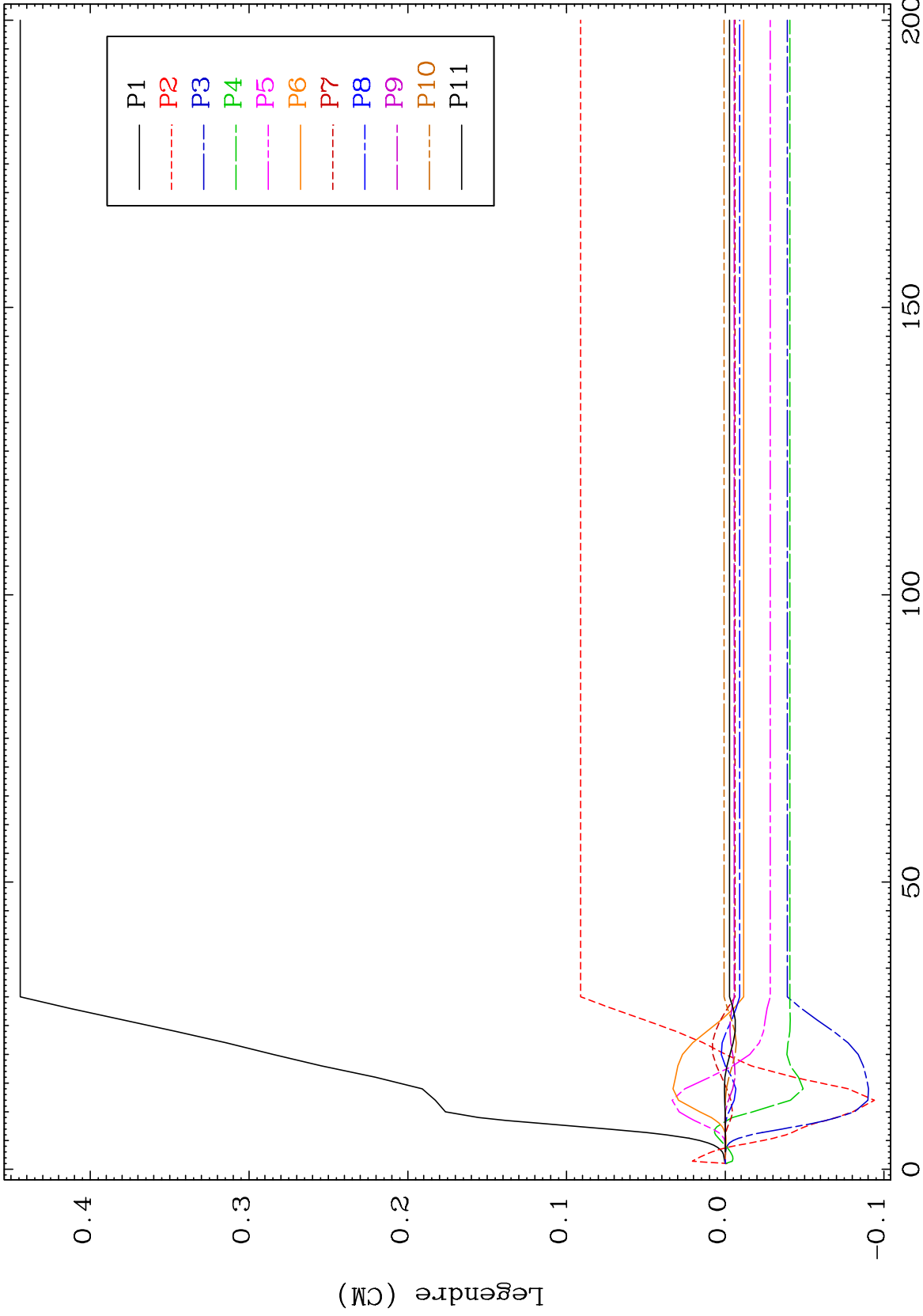
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



63

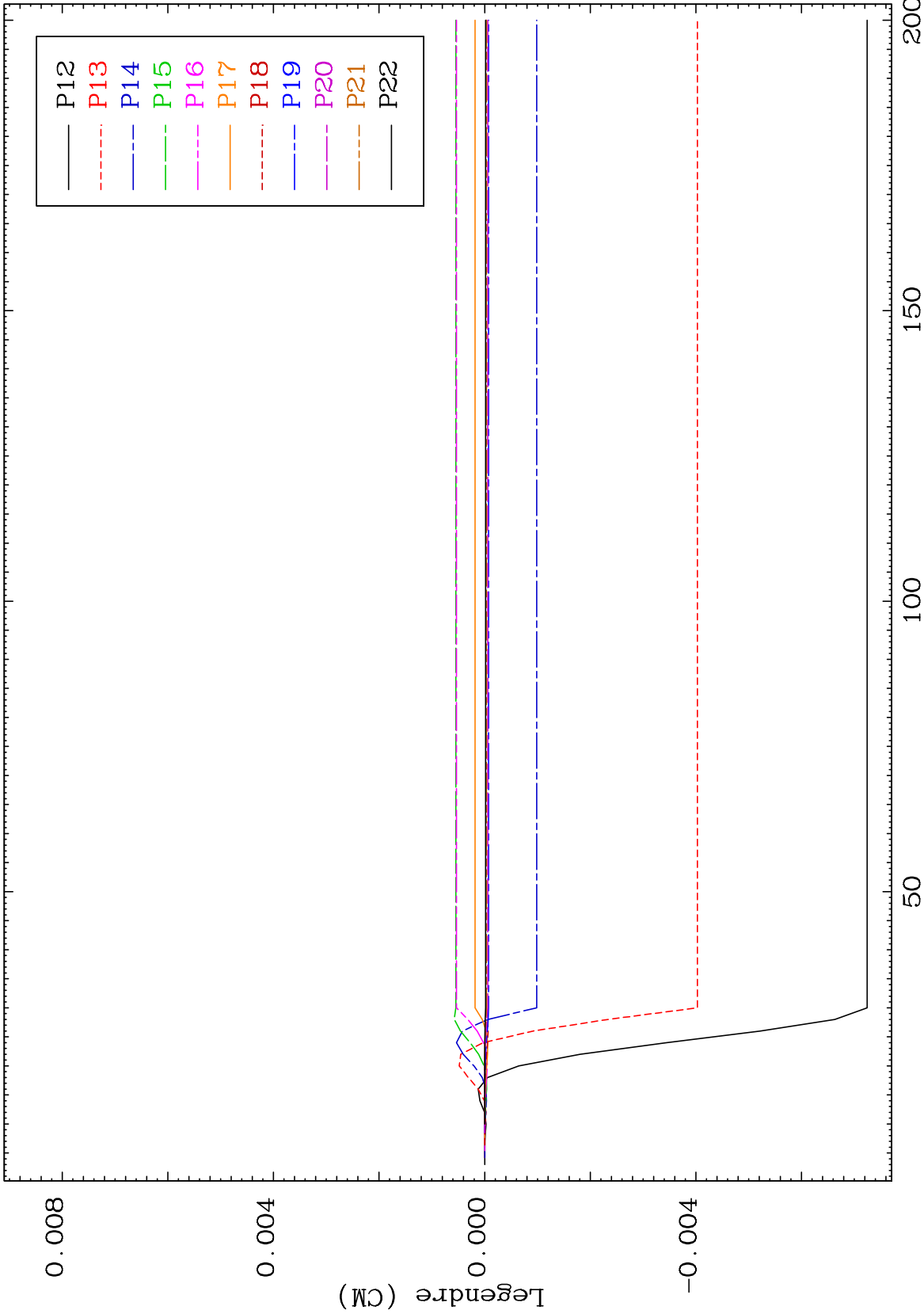
Incident Energy (MeV)

34-Se-77

MAT 3434

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

³⁴Se-77



64

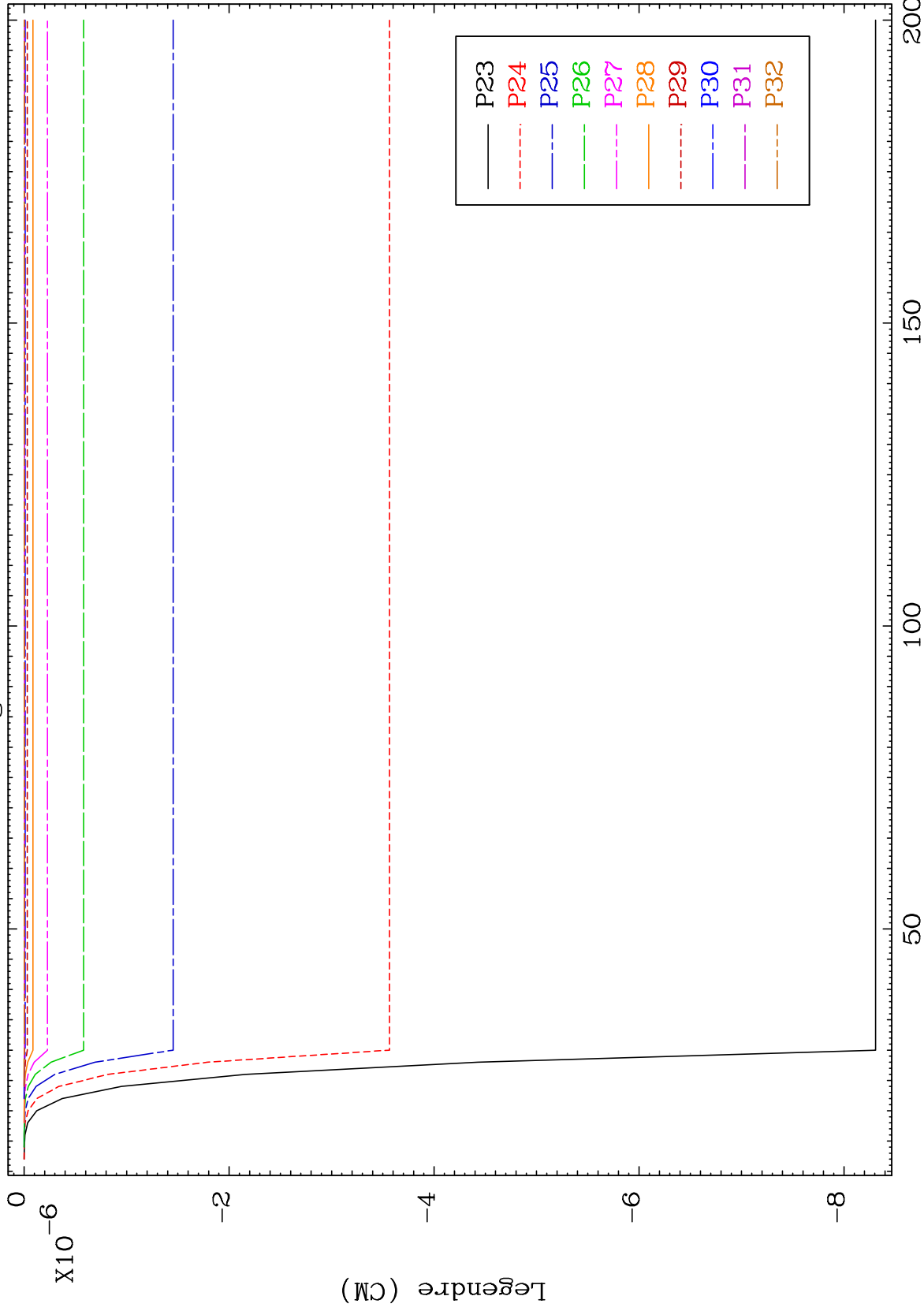
Incident Energy (MeV)

³⁴Se-77

MAT 3434

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

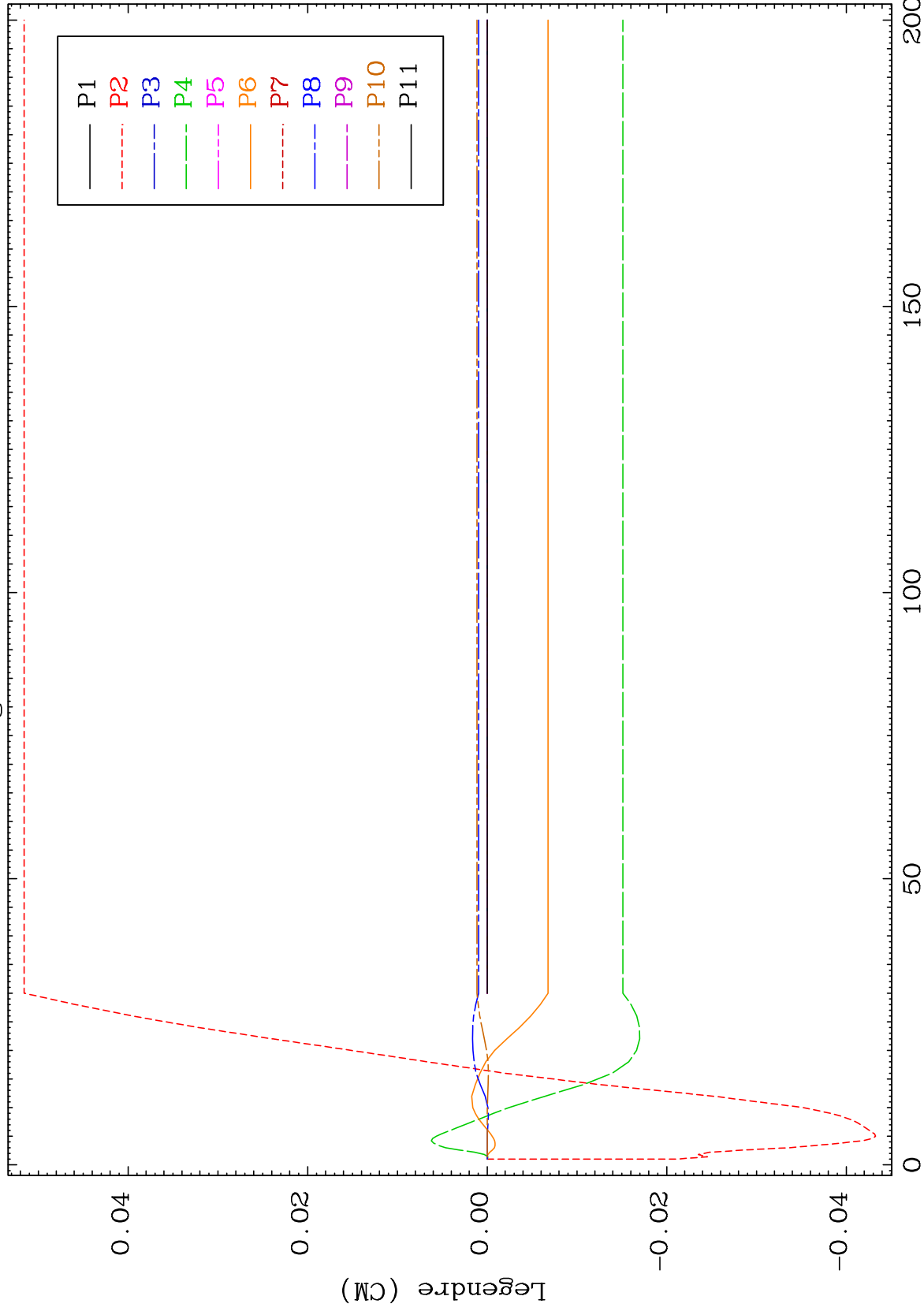
34-Se-77



MAT 3434

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

34-Se-77



66

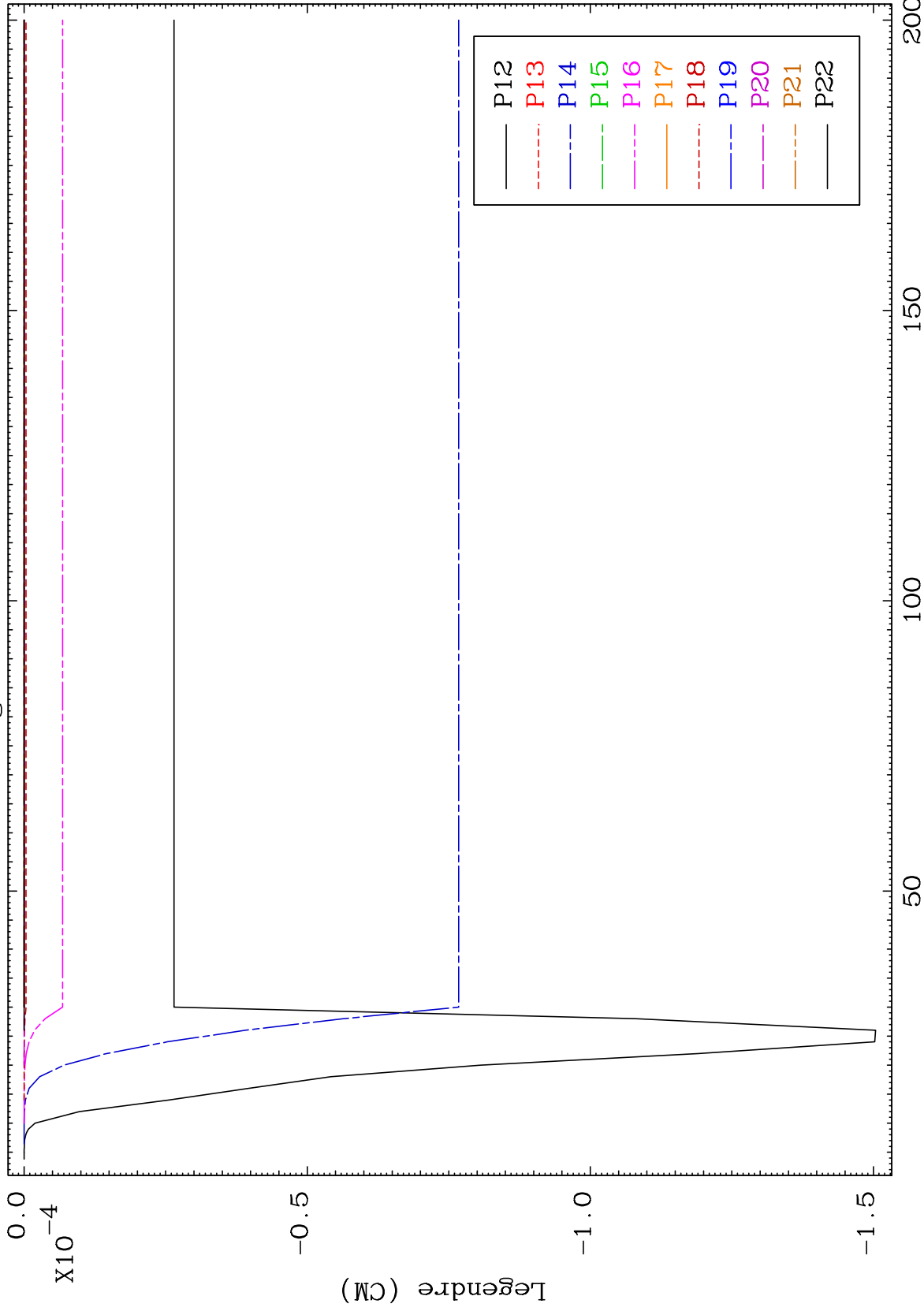
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

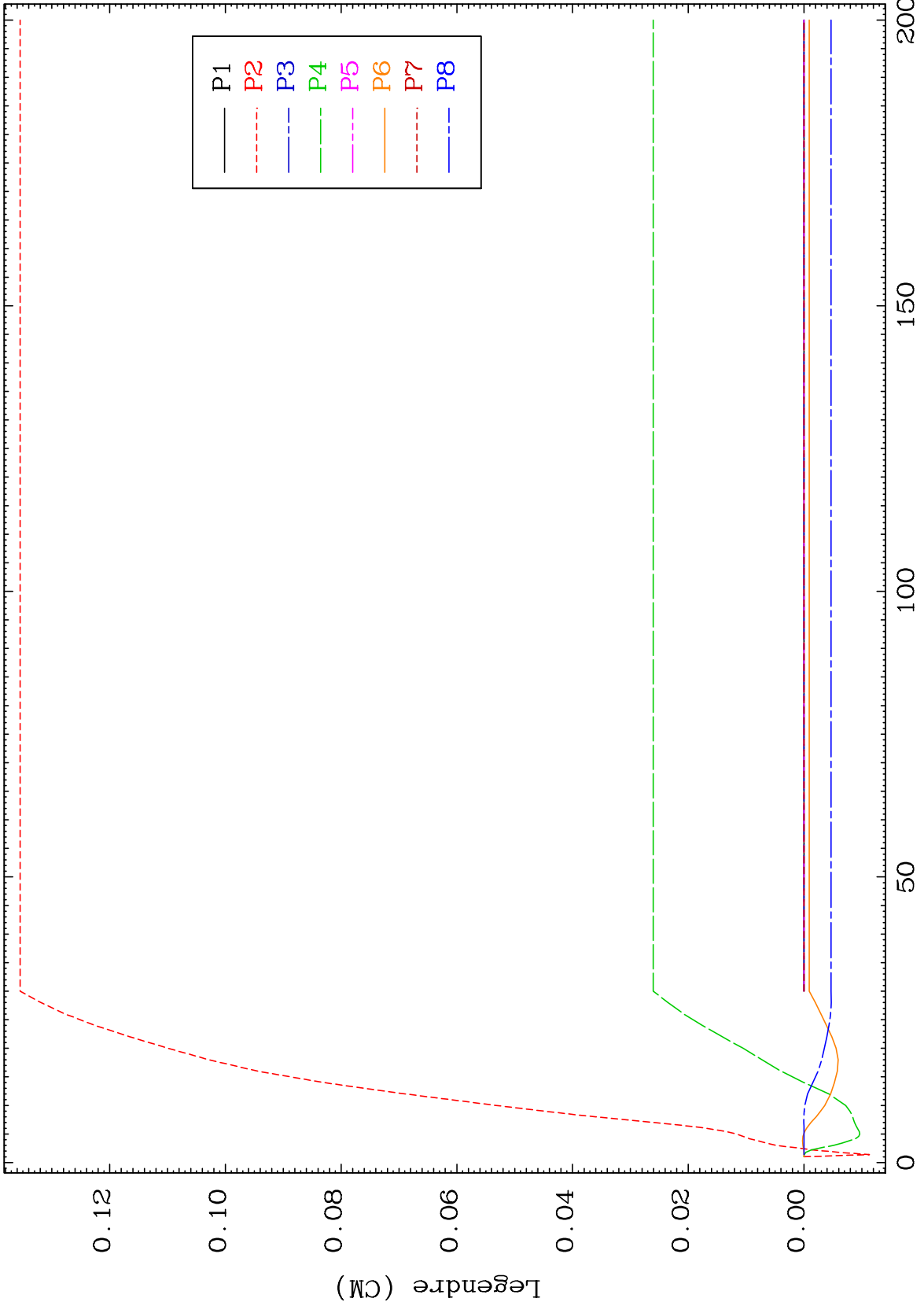


67

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 68 (n,n') Level Legendre Coefficients 34-Se-77

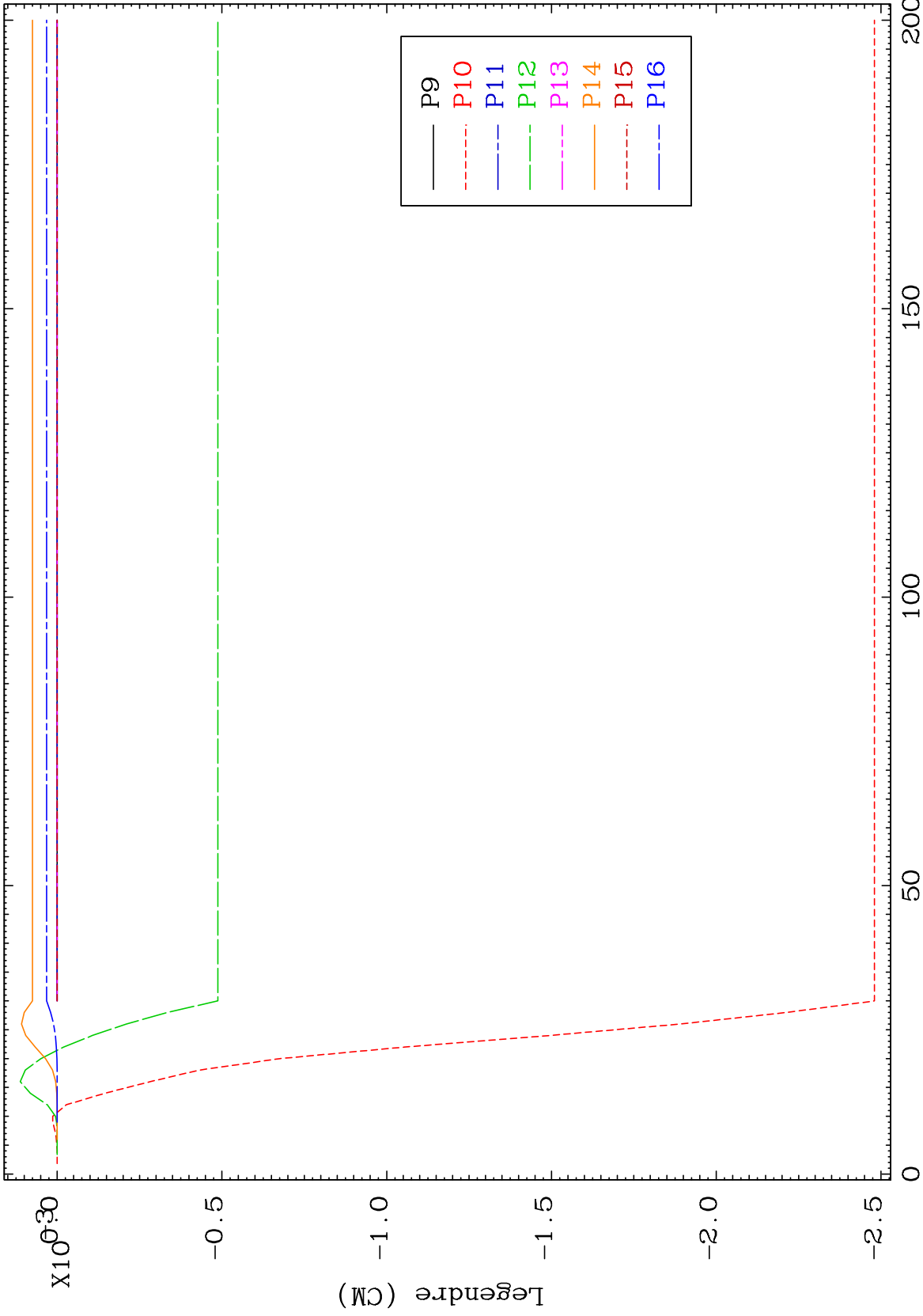


68 34-Se-77

MAT 3434

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

34-Se-77



69

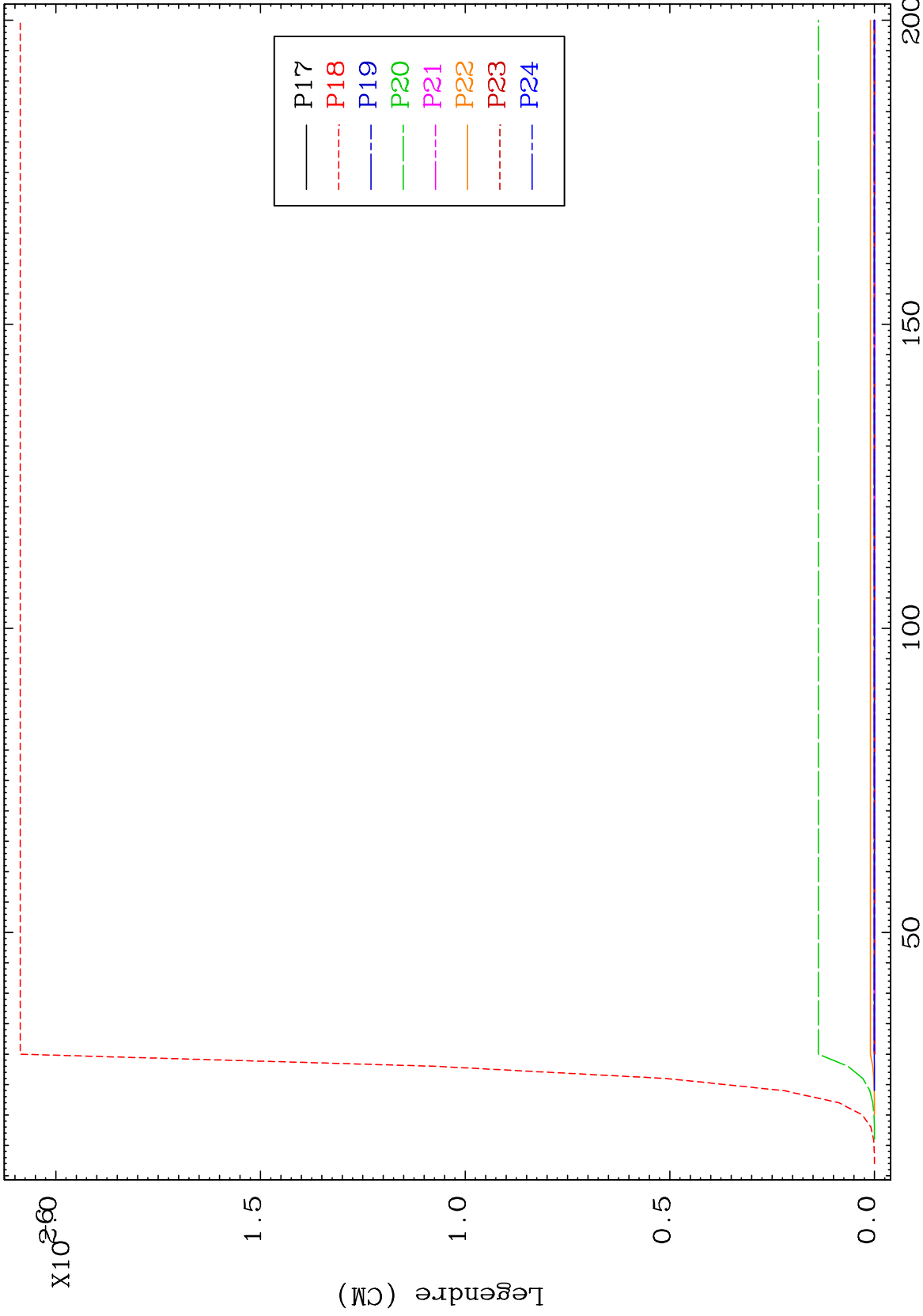
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



70

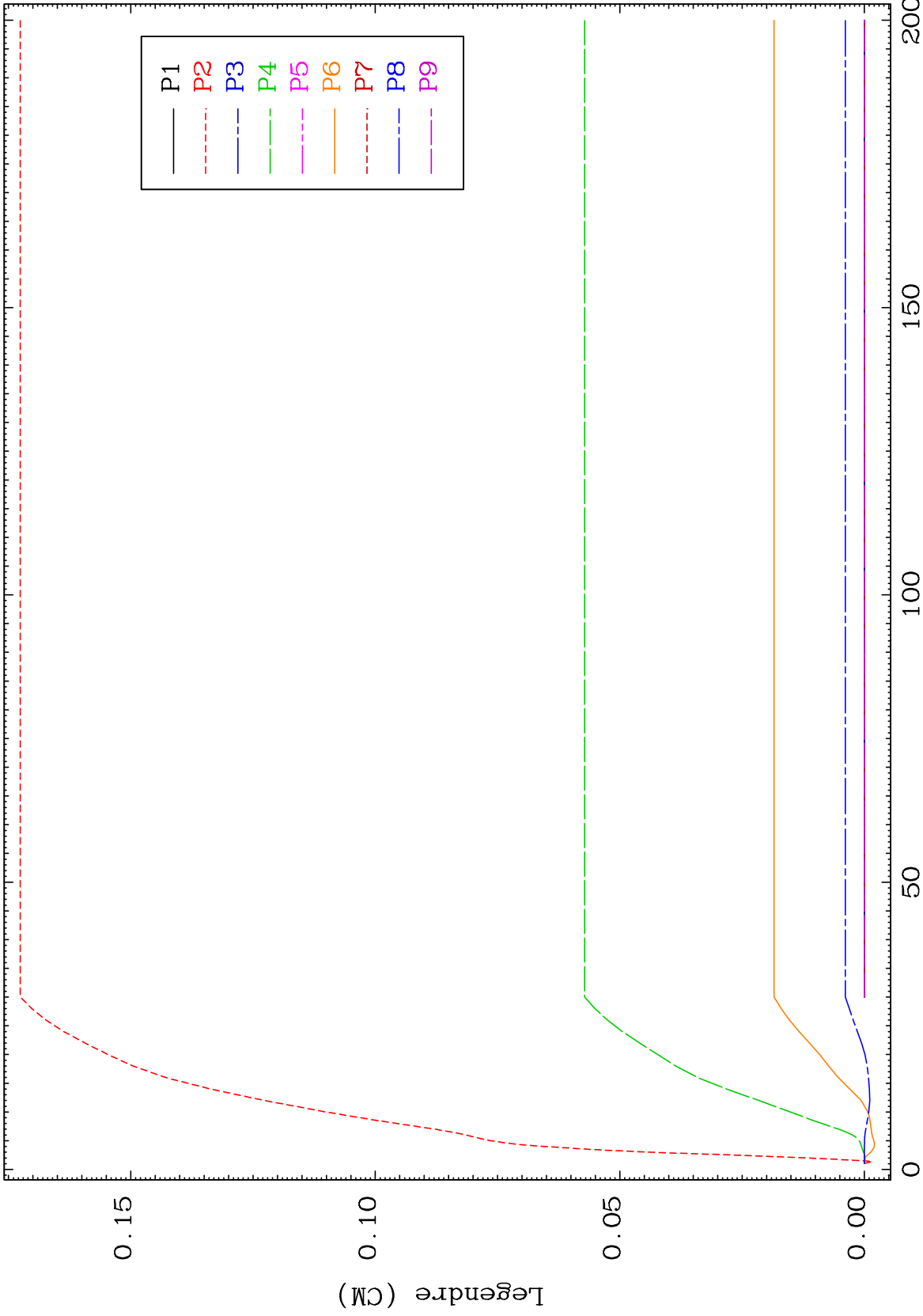
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



71

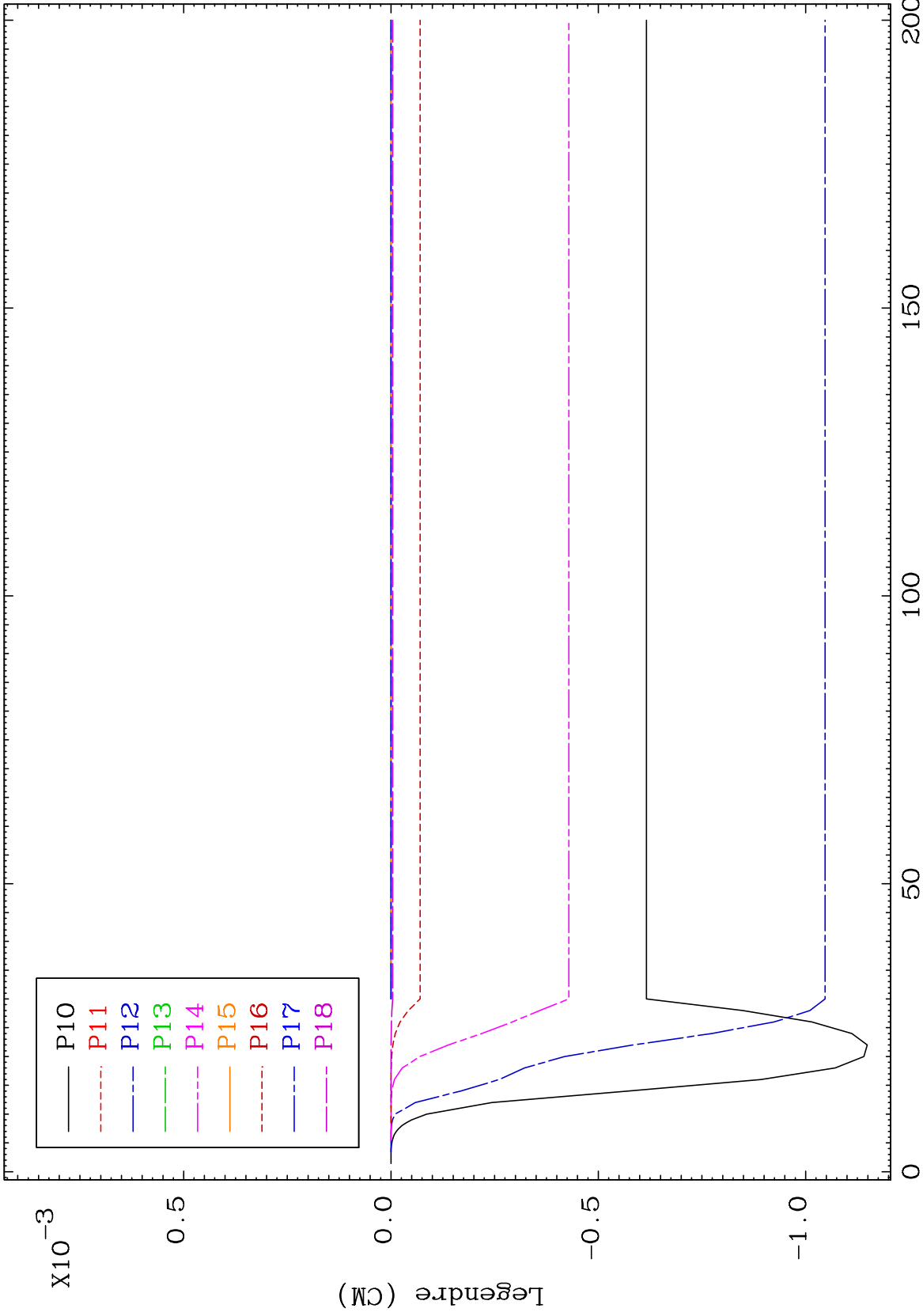
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



72

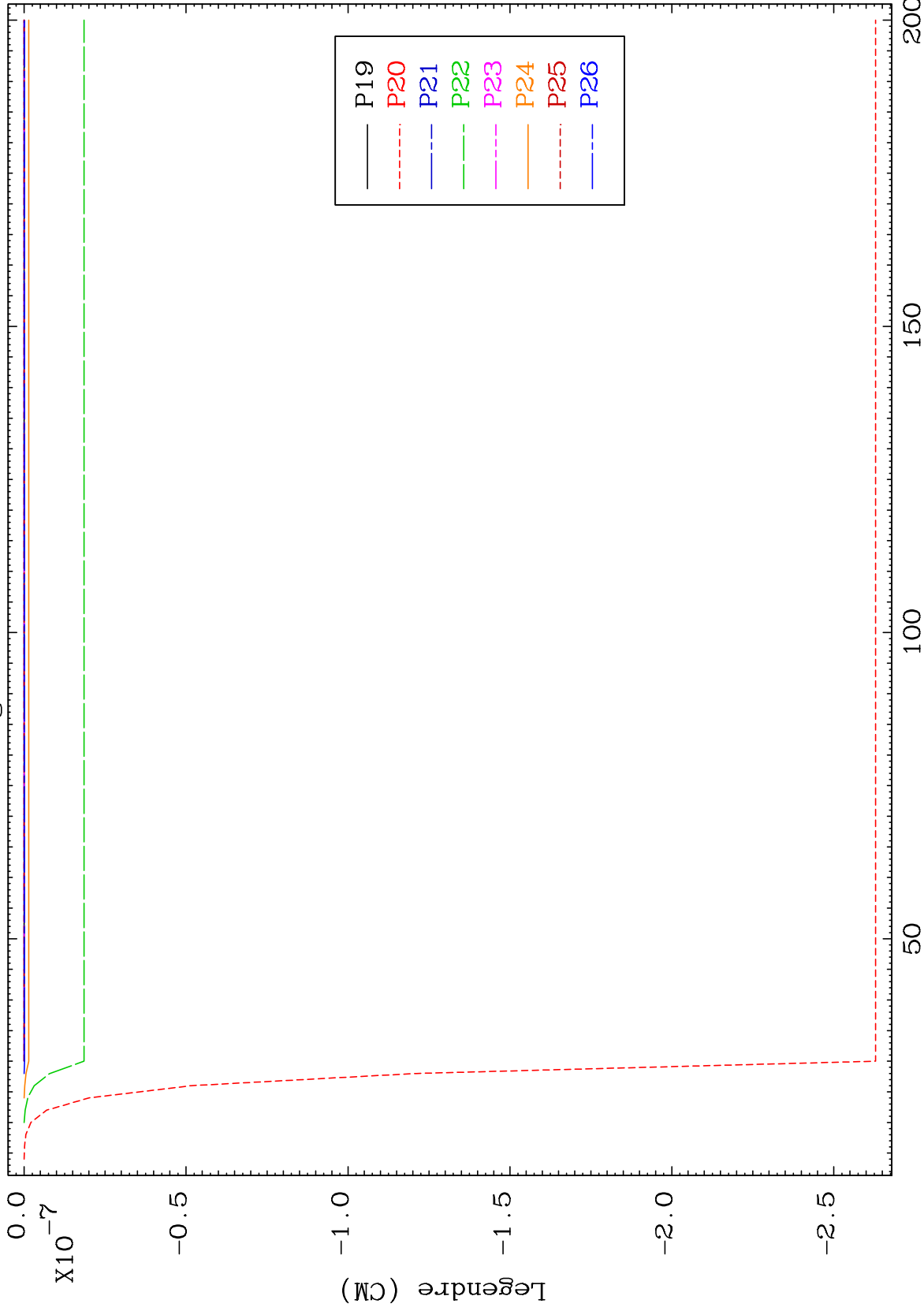
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

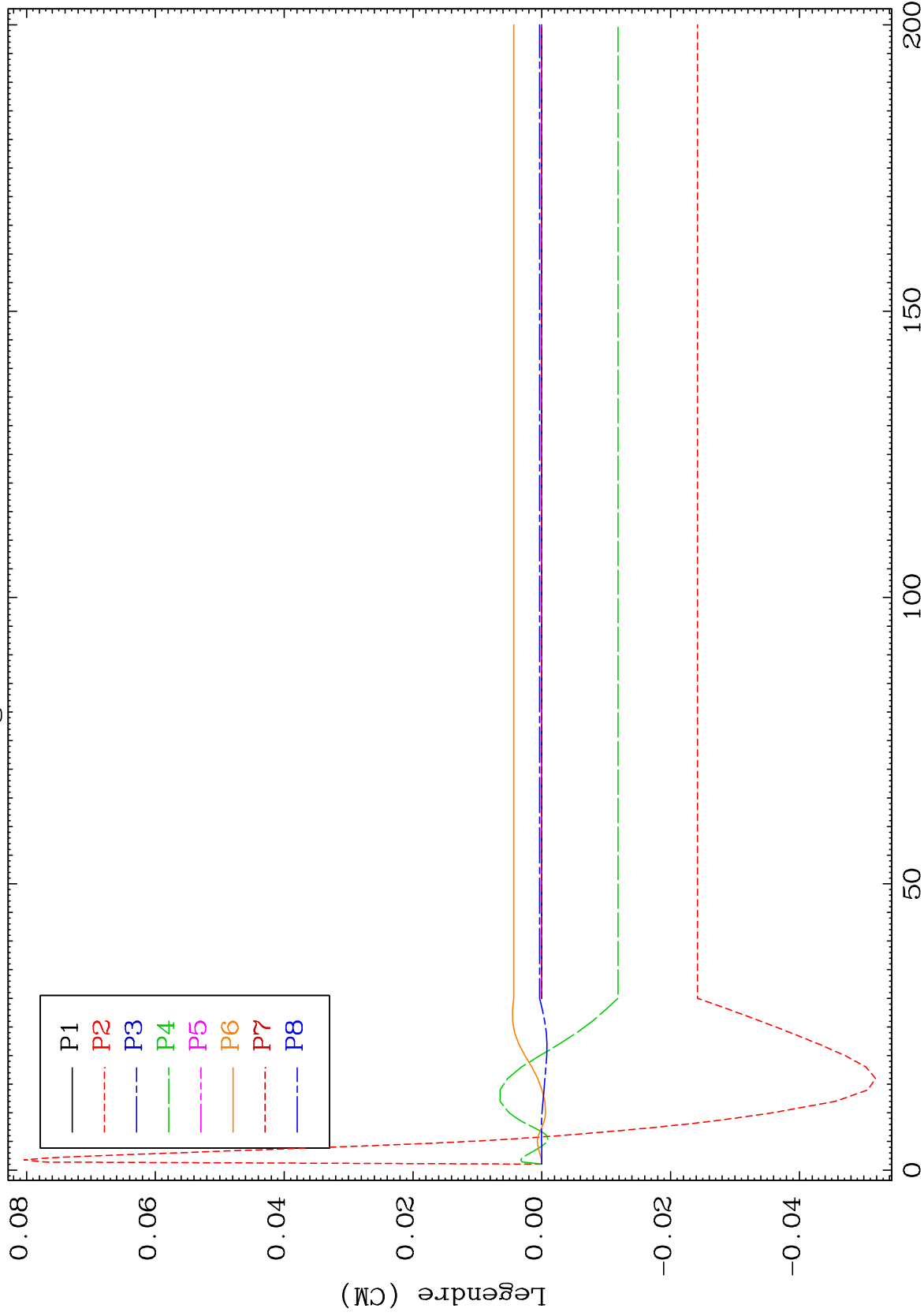


73

MAT 3434

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

34-Se-77



74

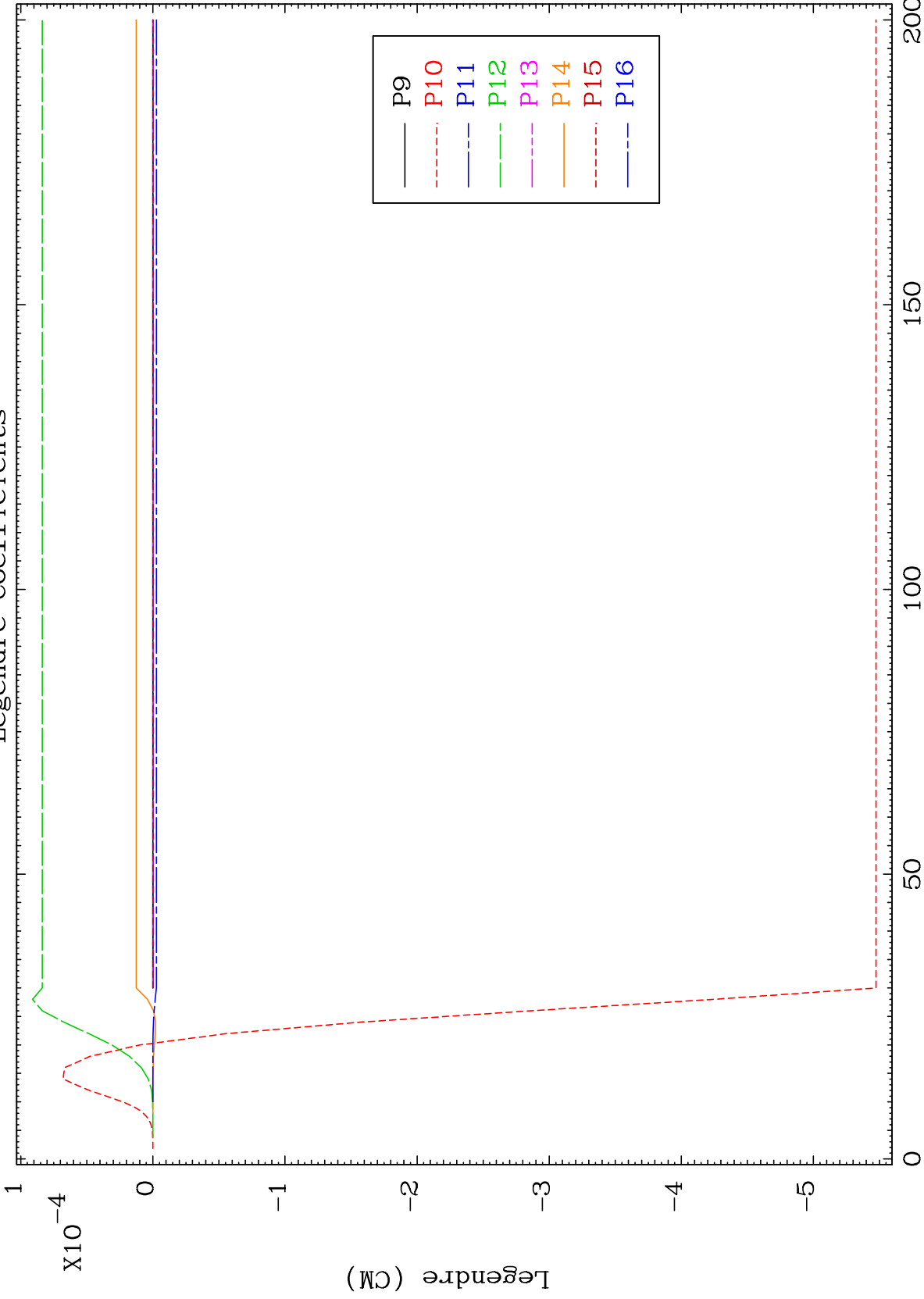
Incident Energy (MeV)

34-Se-77

MAT 3434

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

³⁴Se-77



75

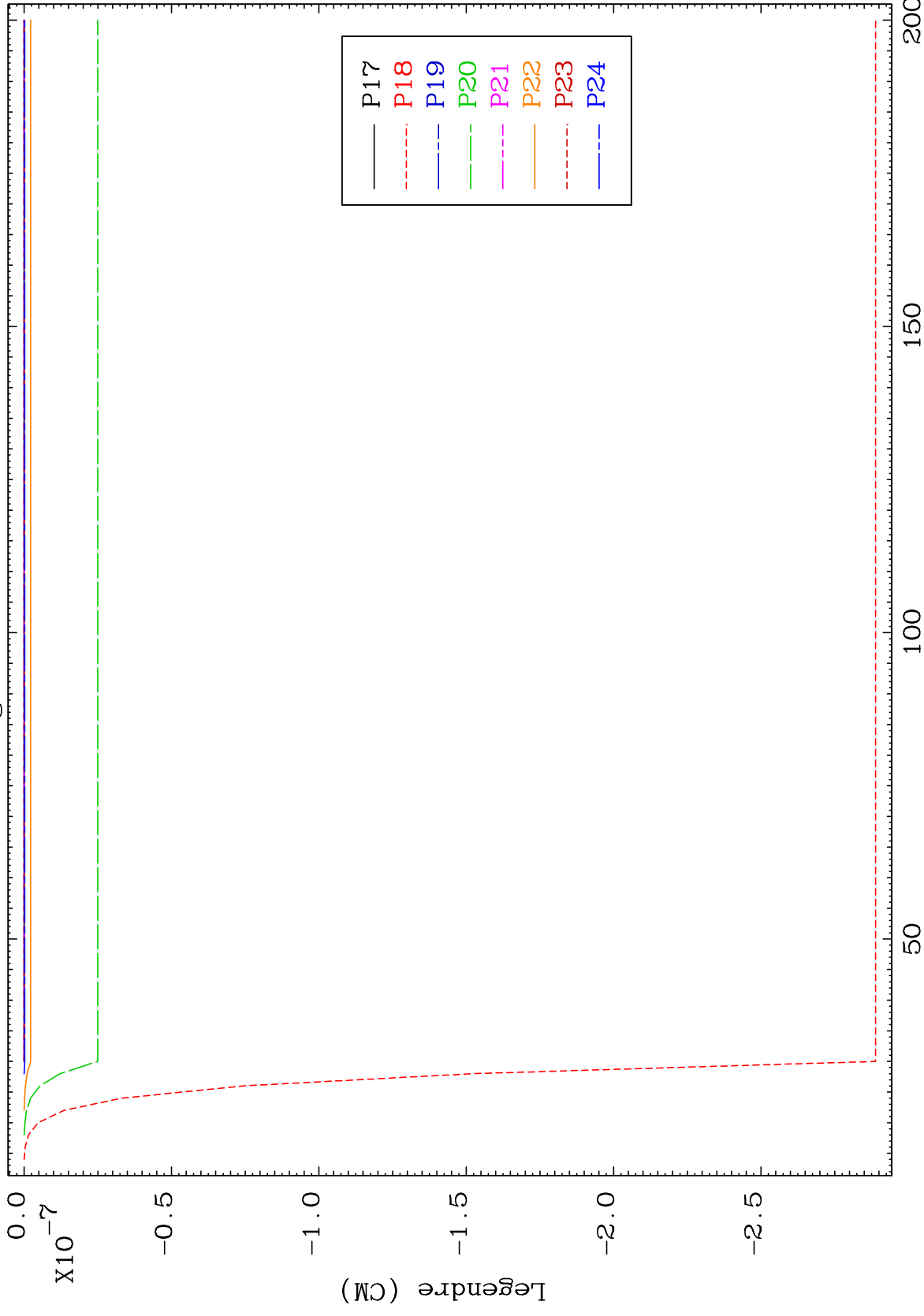
Incident Energy (MeV)

³⁴Se-77

MAT 3434

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

34-Se-77

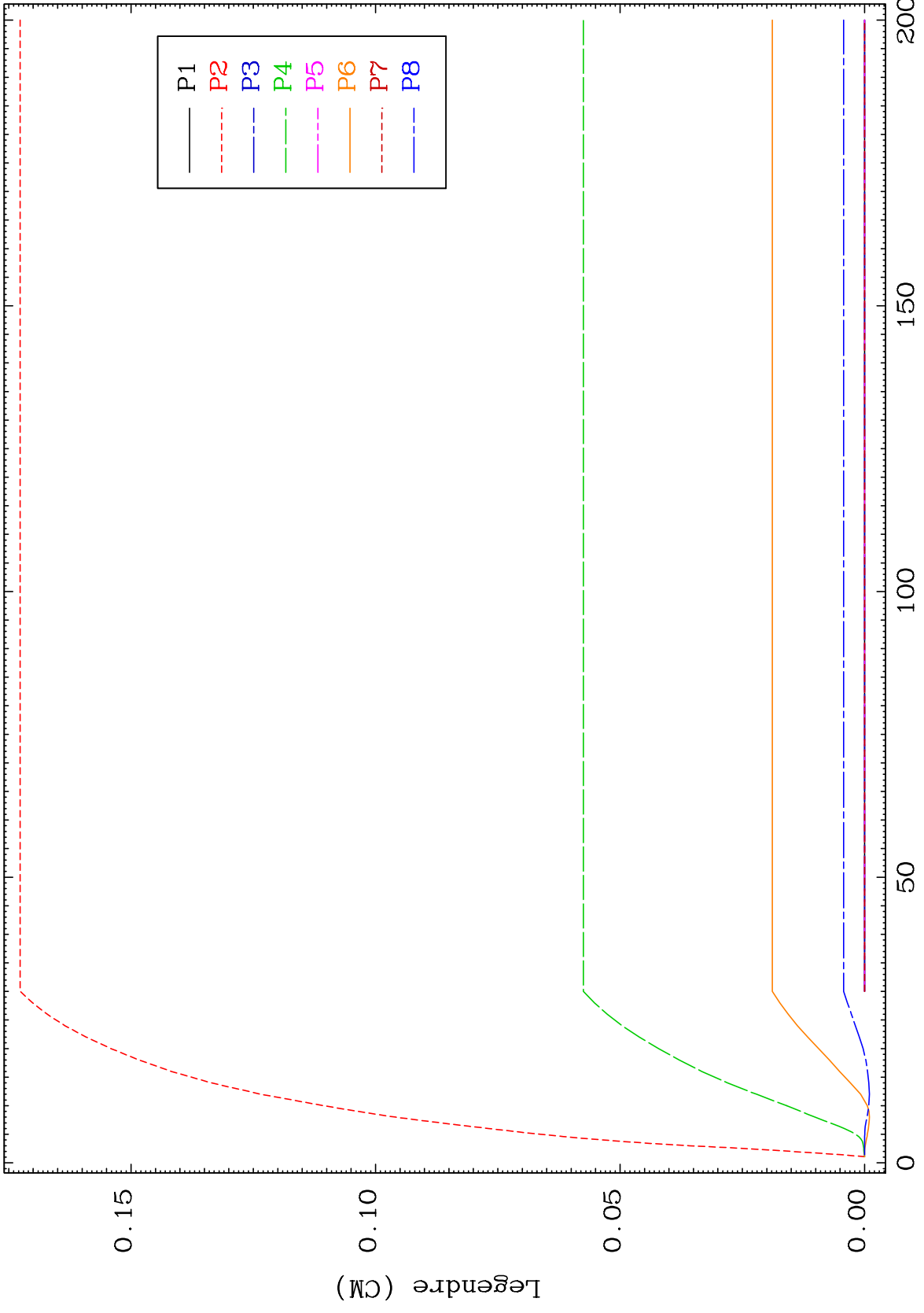


34-Se-77

Incident Energy (MeV)

76

MAT 3434 MT= 71 (n,n') Level Legendre Coefficients 34-Se-77

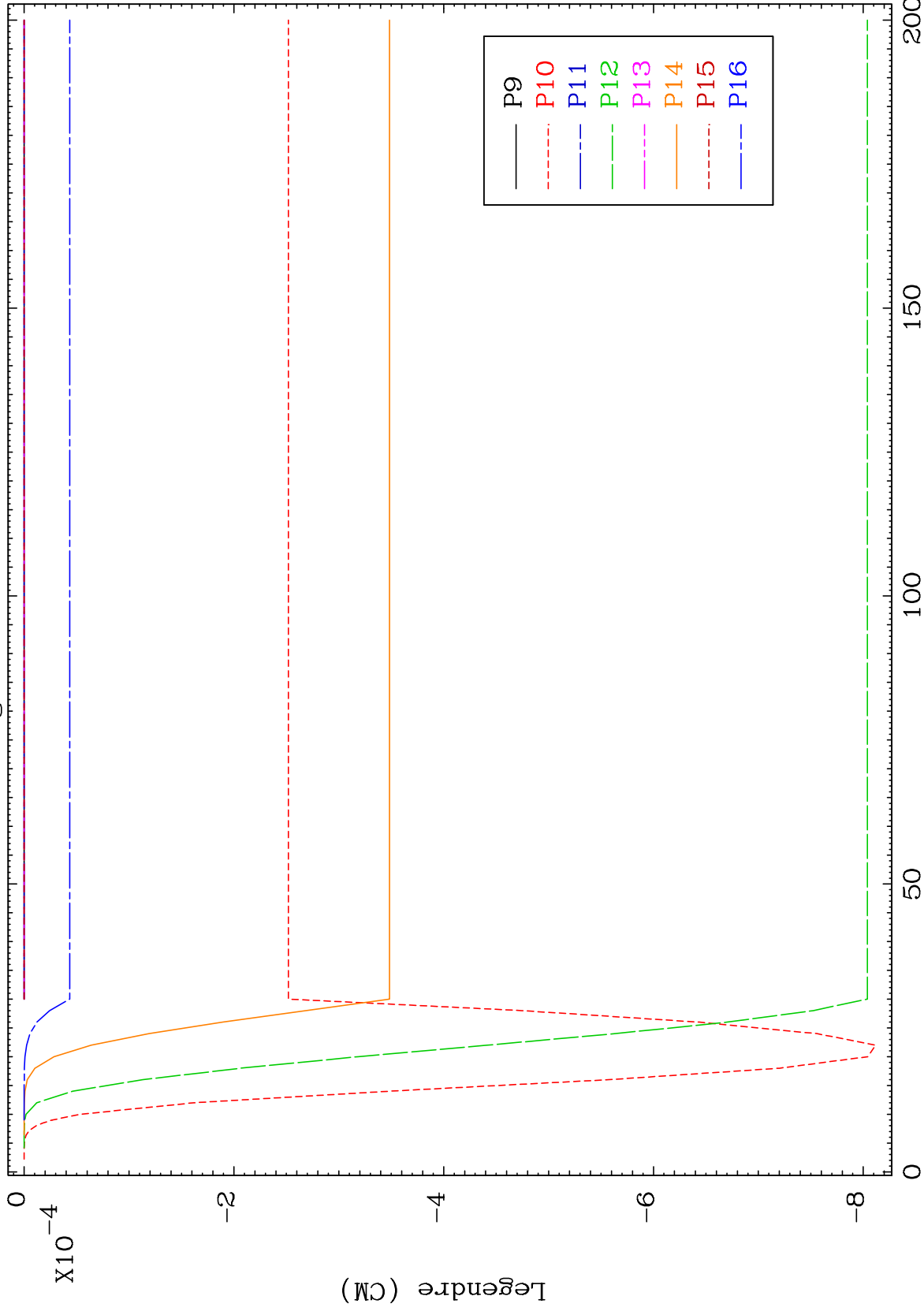


77 34-Se-77

MAT 3434

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

34-Se-77



78

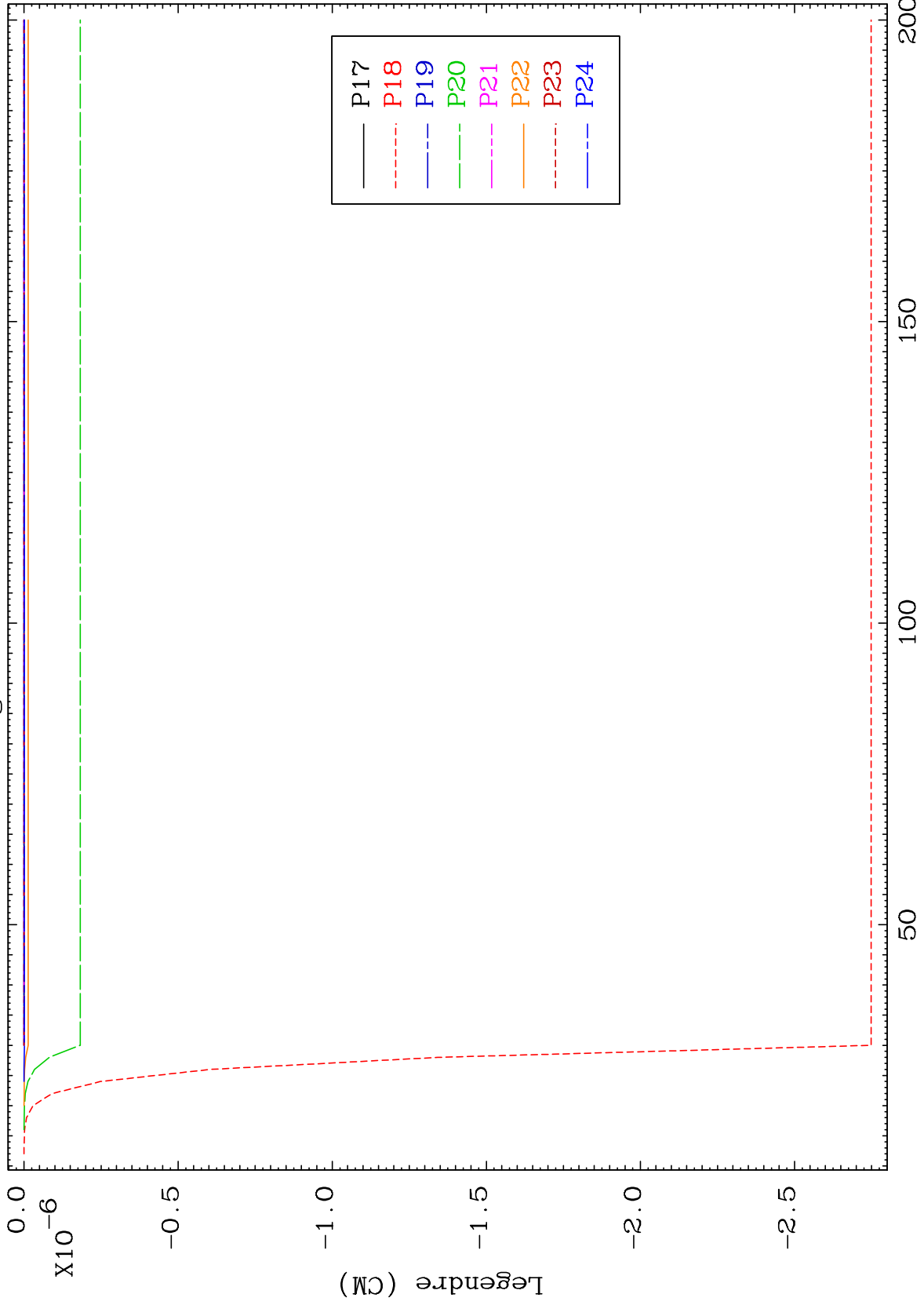
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



79

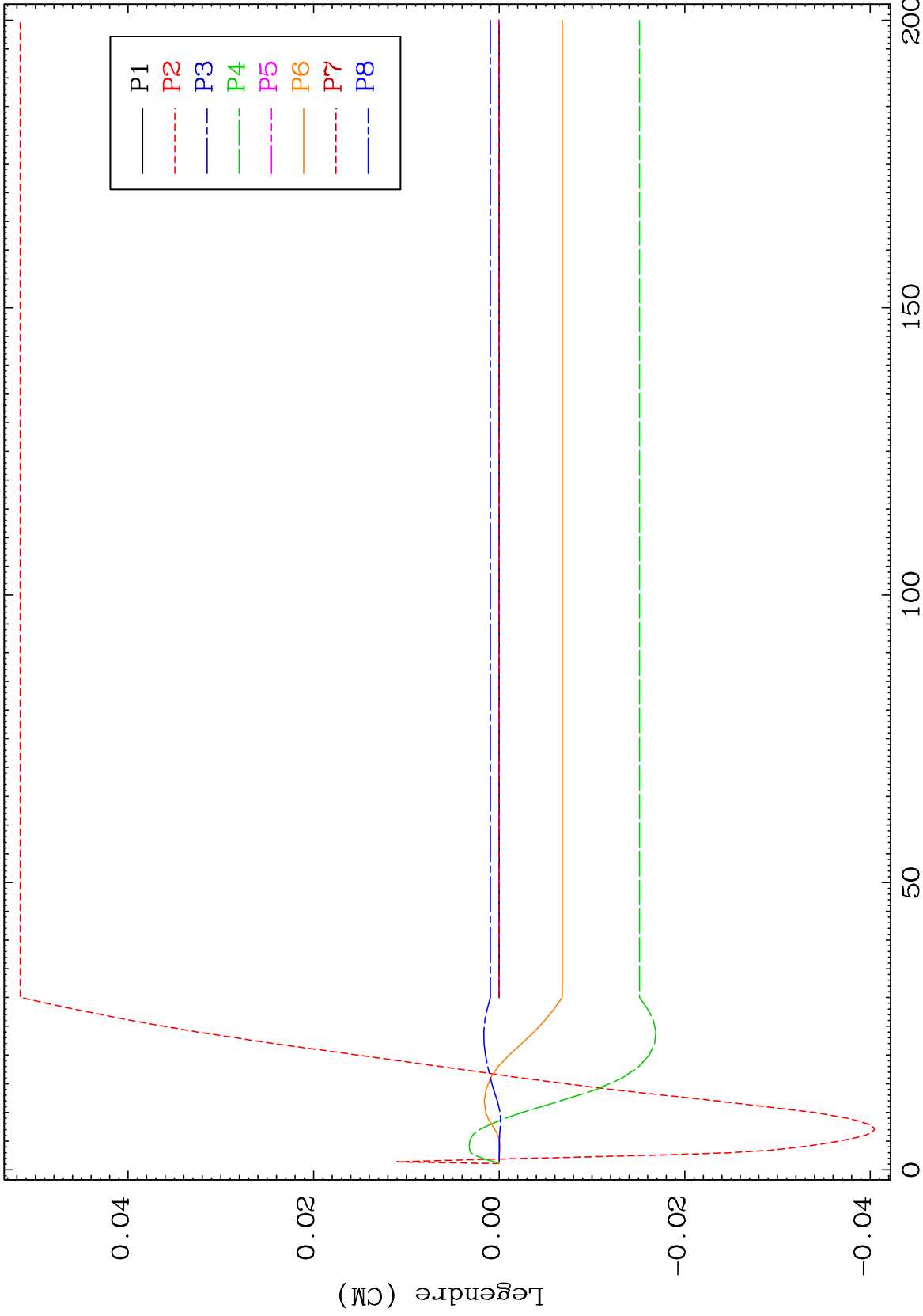
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



80

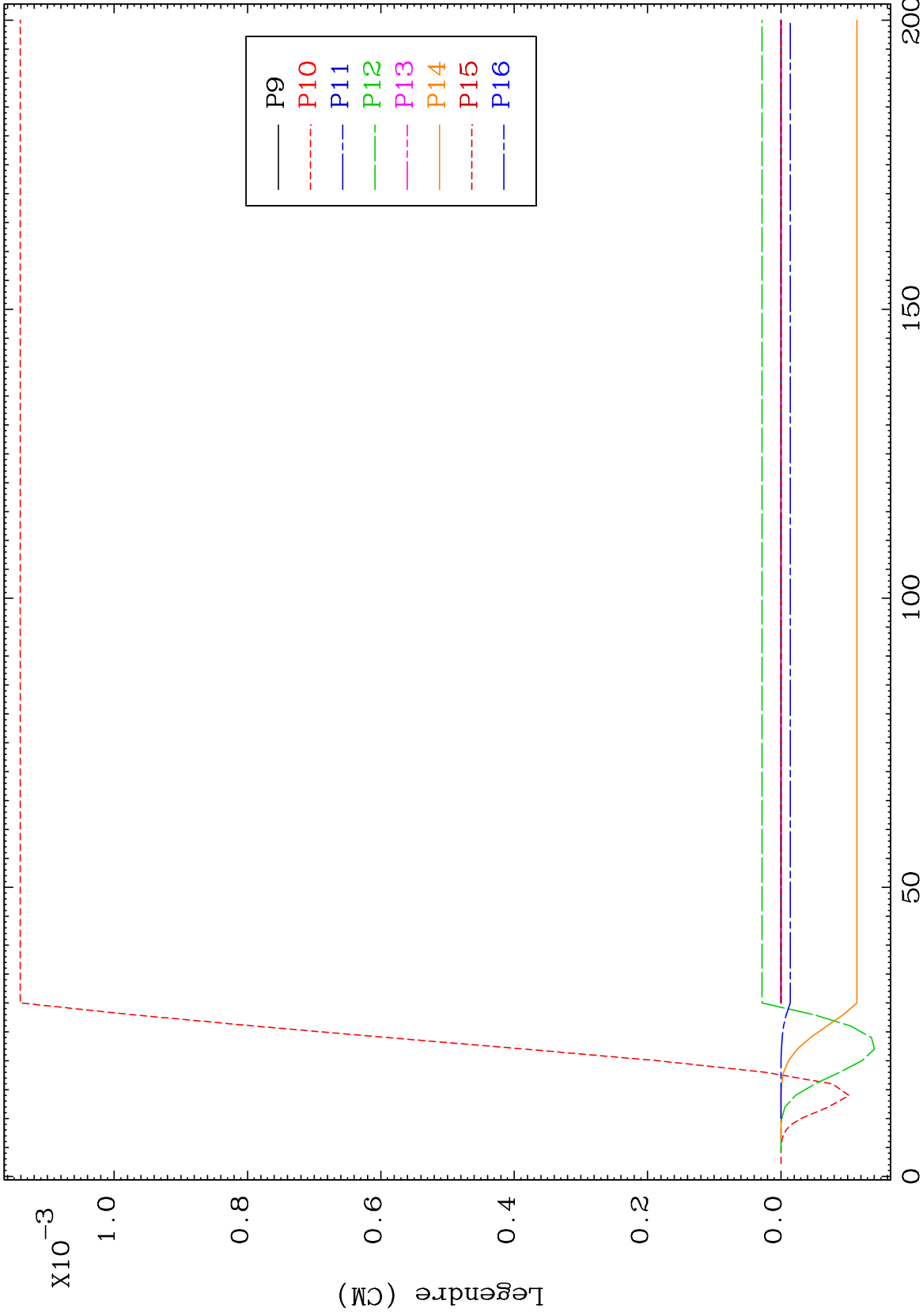
Incident Energy (MeV)

34-Se-77

MAT 3434

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

³⁴Se-77



81

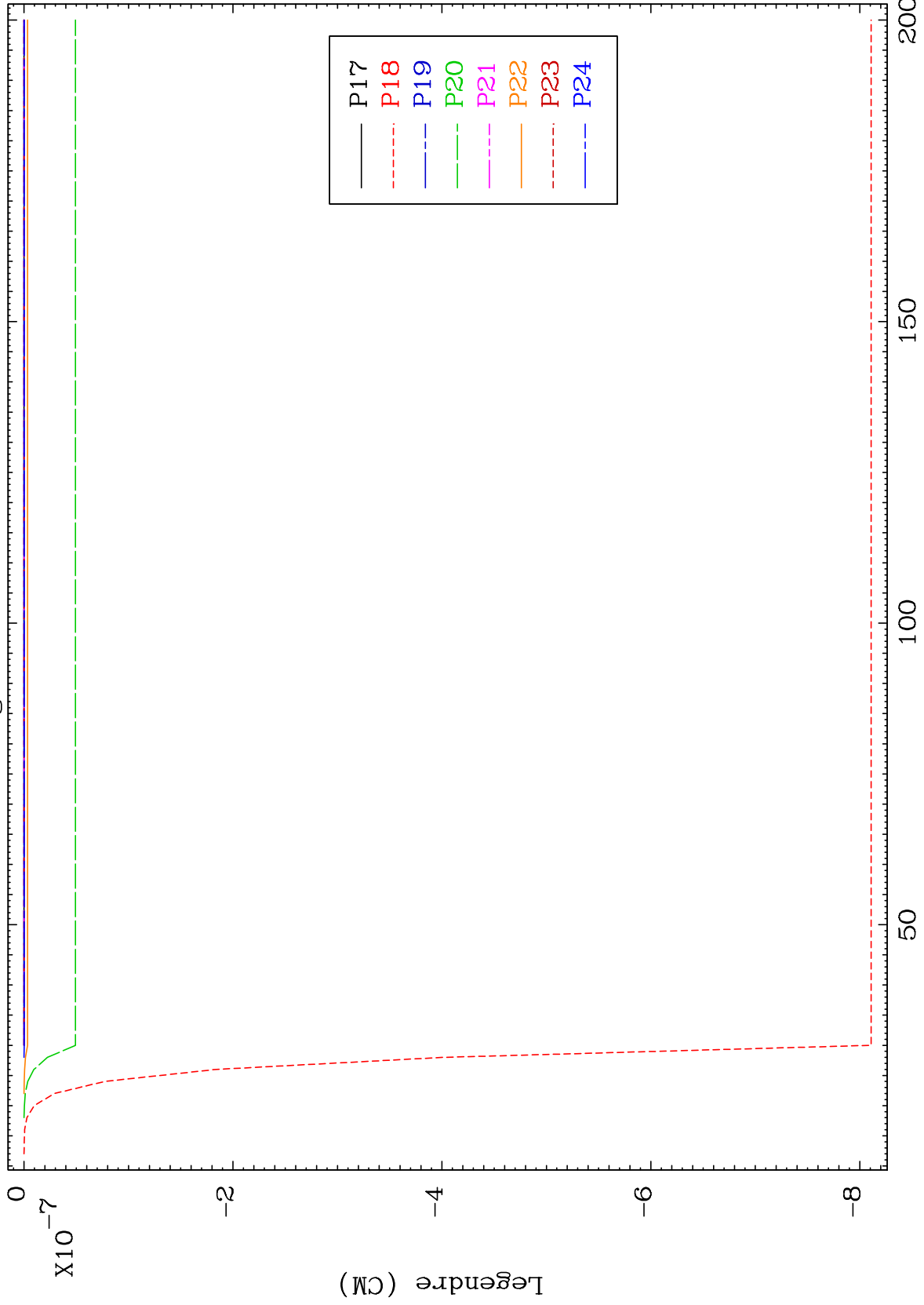
Incident Energy (MeV)

³⁴Se-77

MAT 3434

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

34-Se-77



34-Se-77

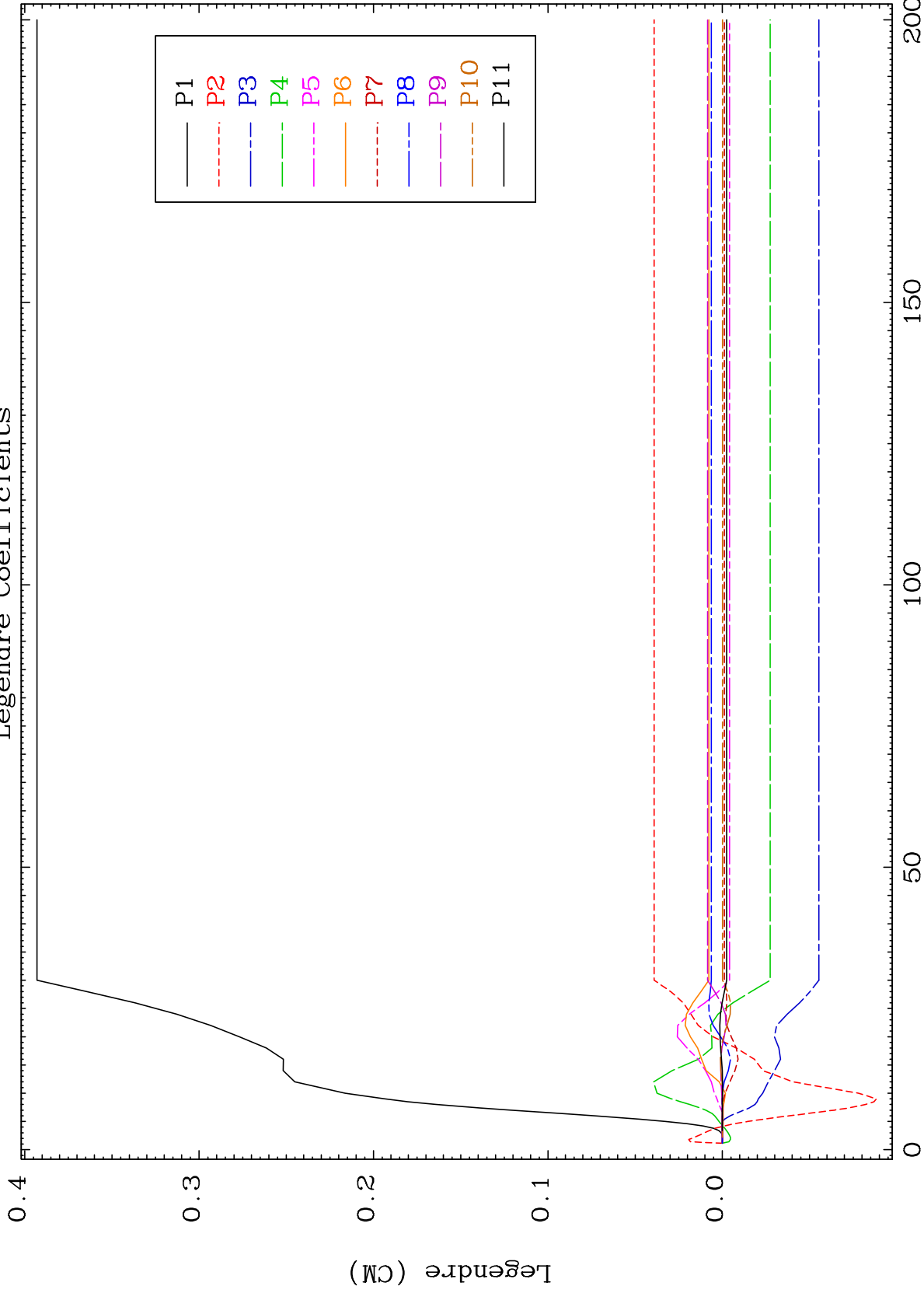
Incident Energy (MeV)

82

MAT 3434

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

34-Se-77



83

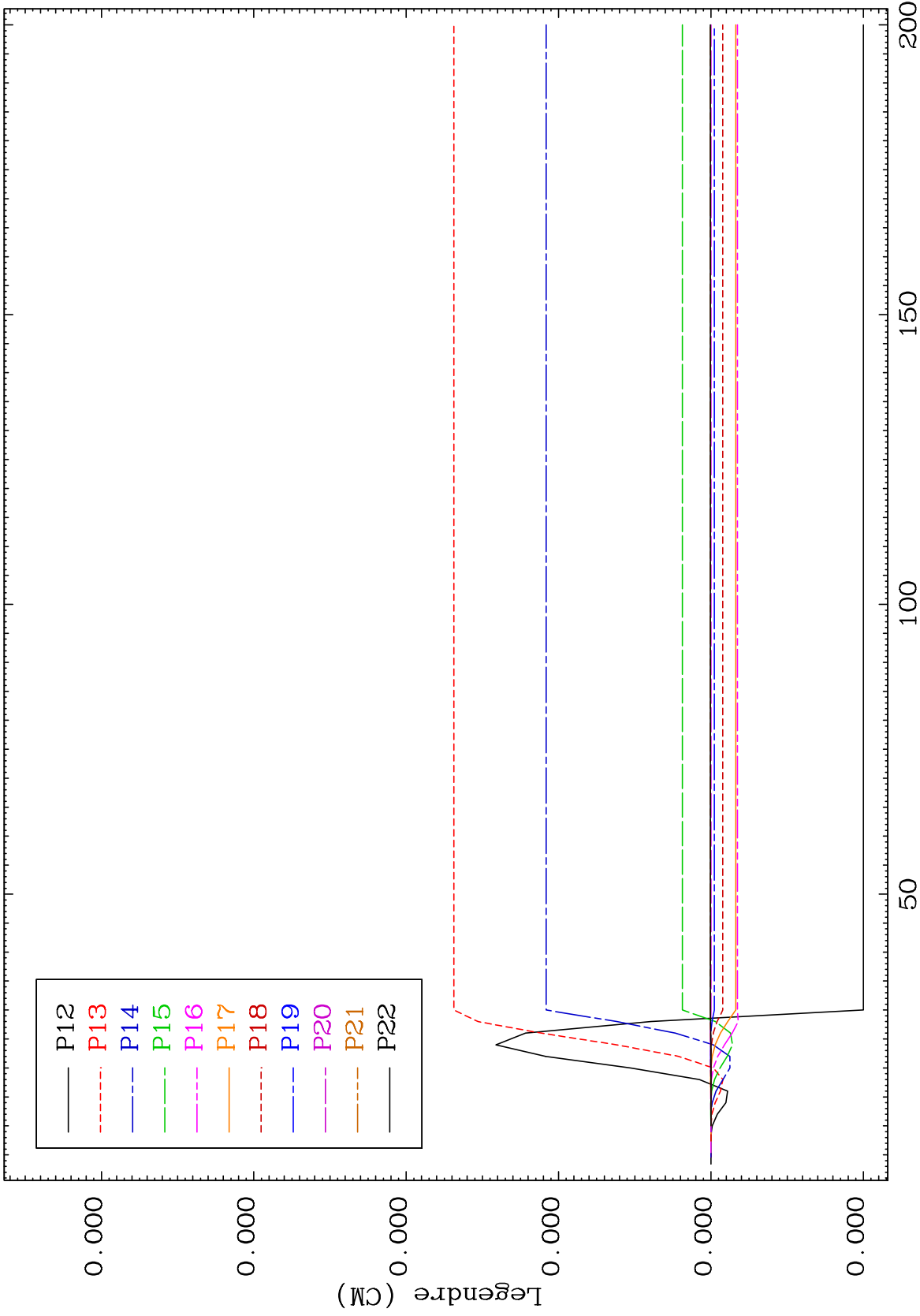
Incident Energy (MeV)

34-Se-77

MAT 3434

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

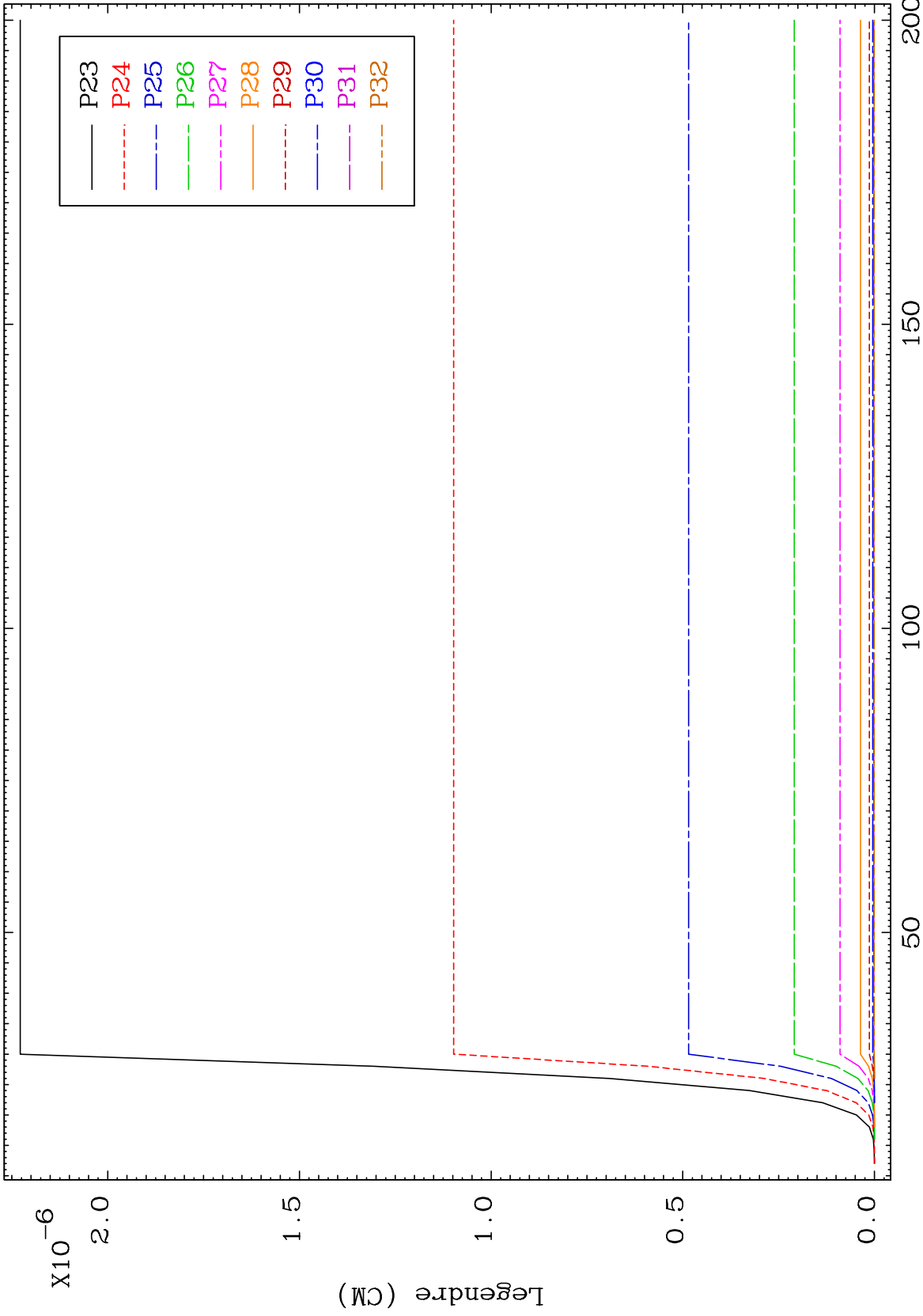
34-Se-77



MAT 3434

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

34-Se-77

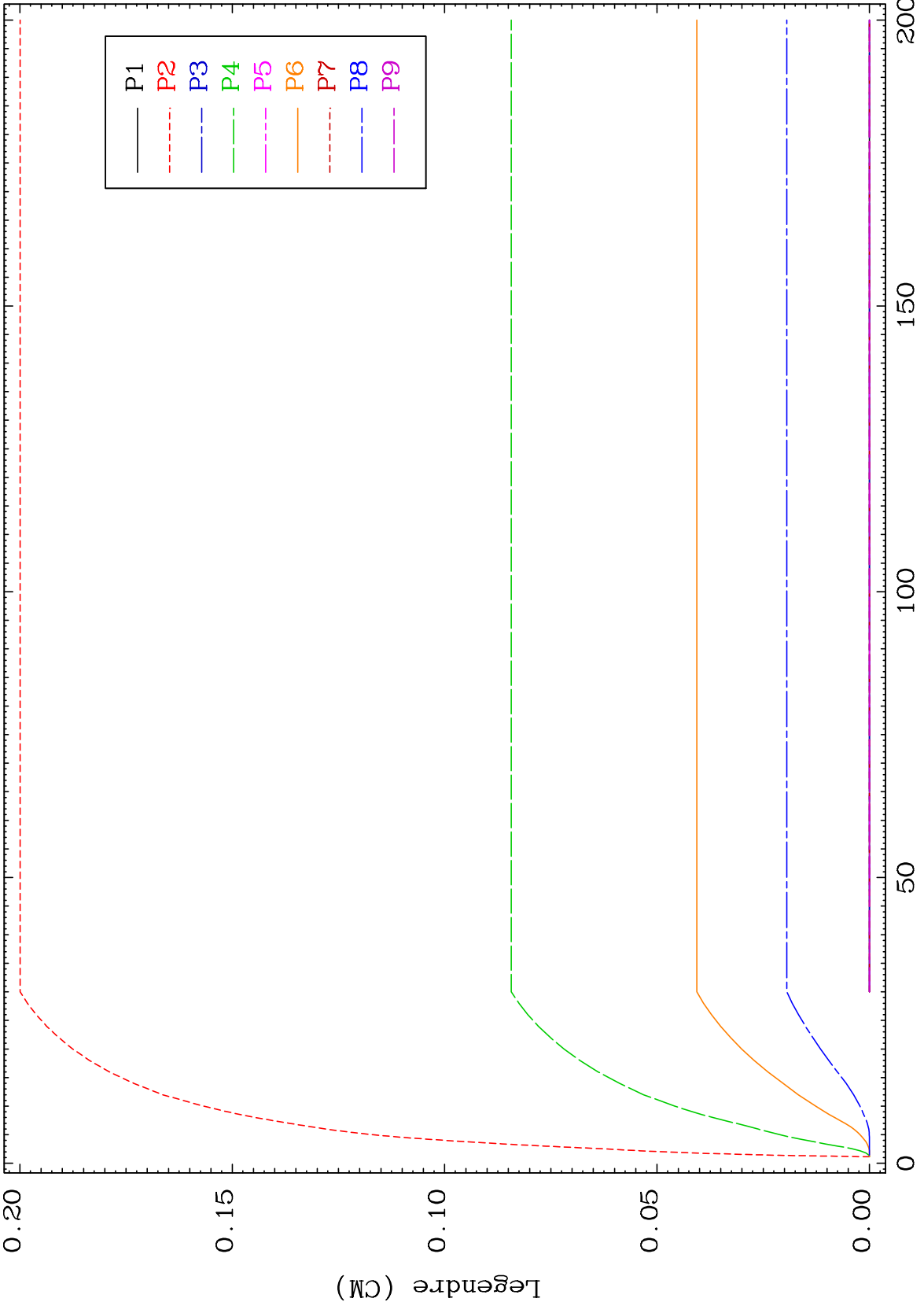


85

34-Se-77

200

MAT 3434 MT= 74 (n,n') Level Legendre Coefficients 34-Se-77

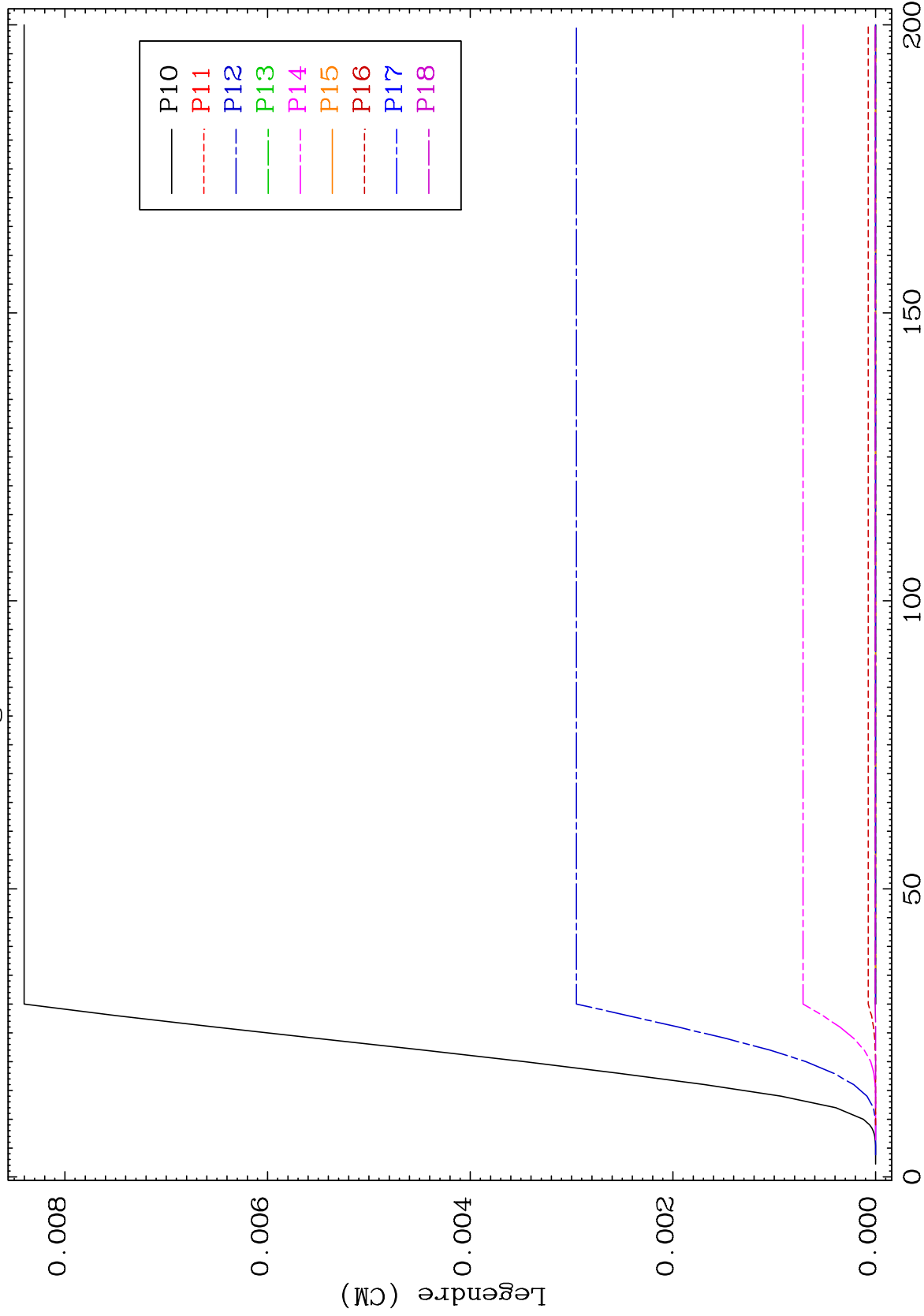


86 34-Se-77

MAT 3434

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

34-Se-77



87

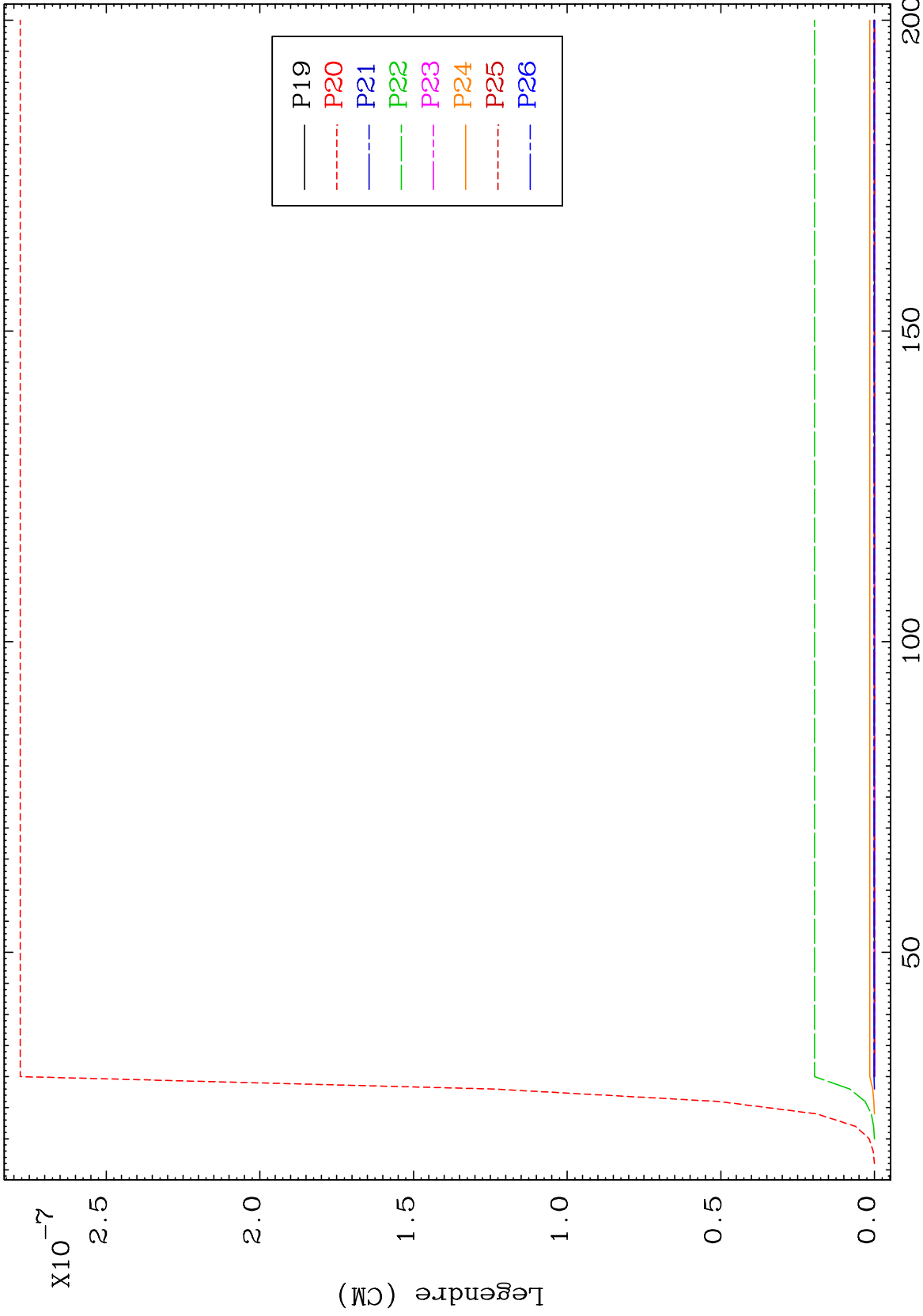
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



88

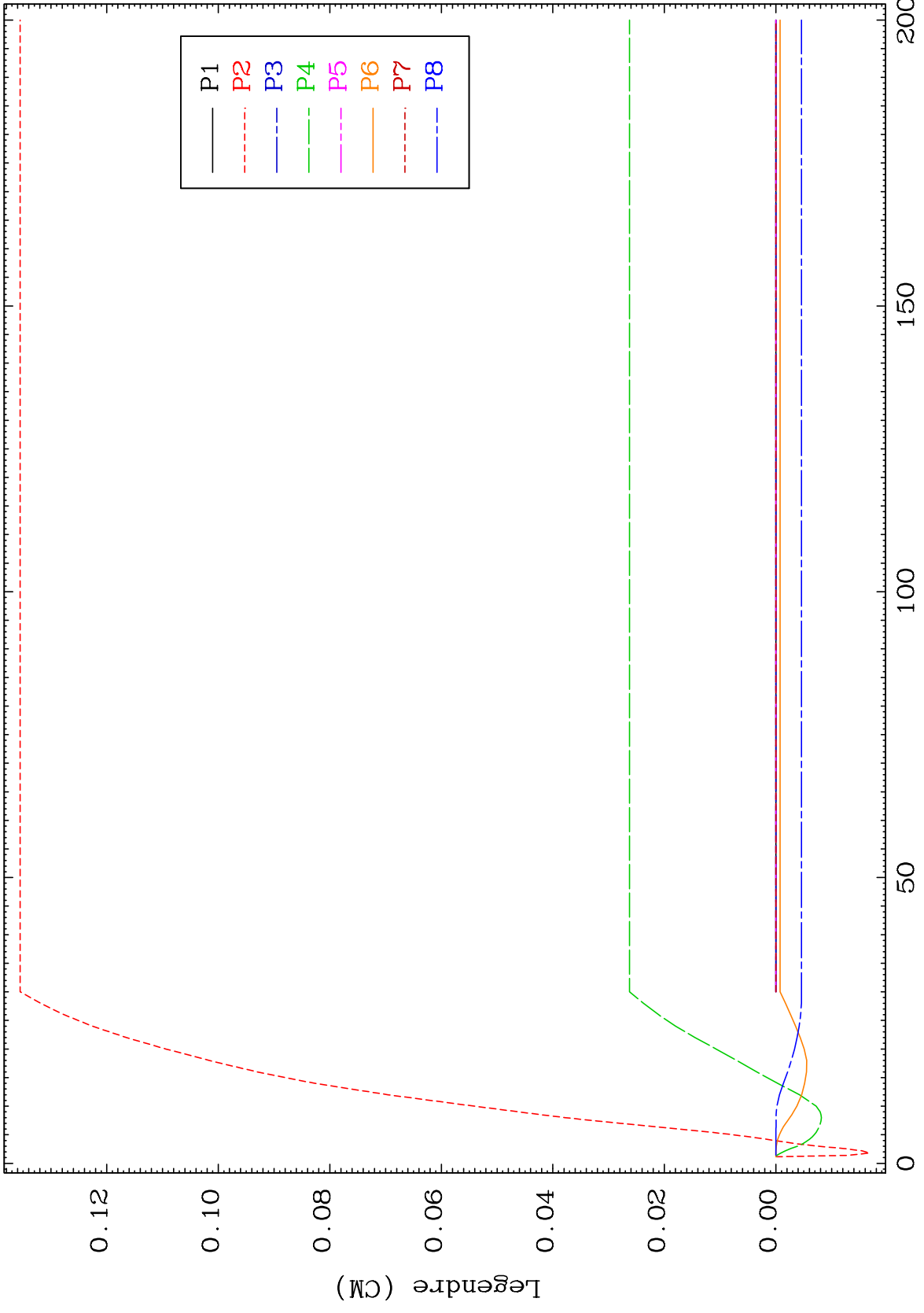
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



89

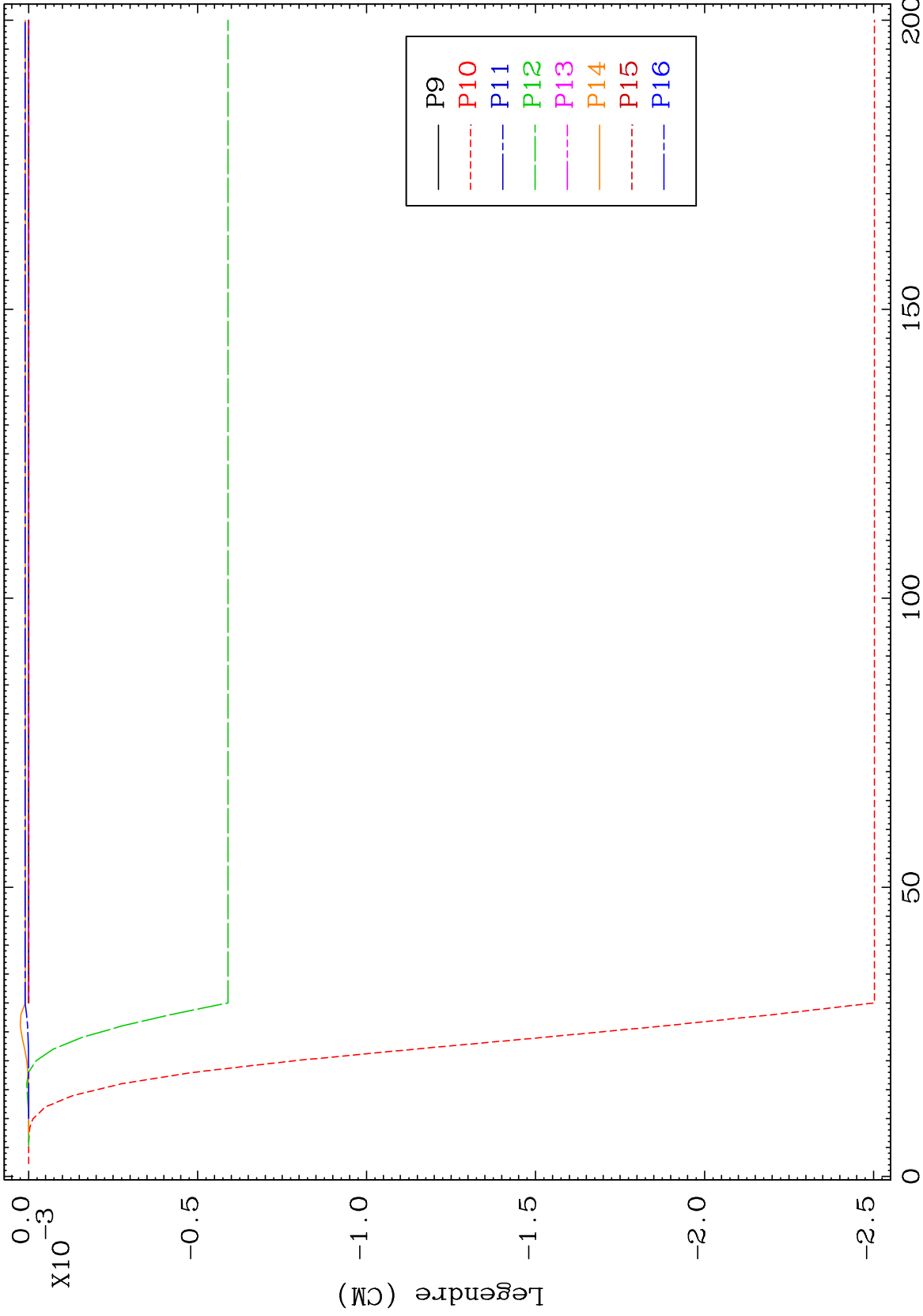
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77

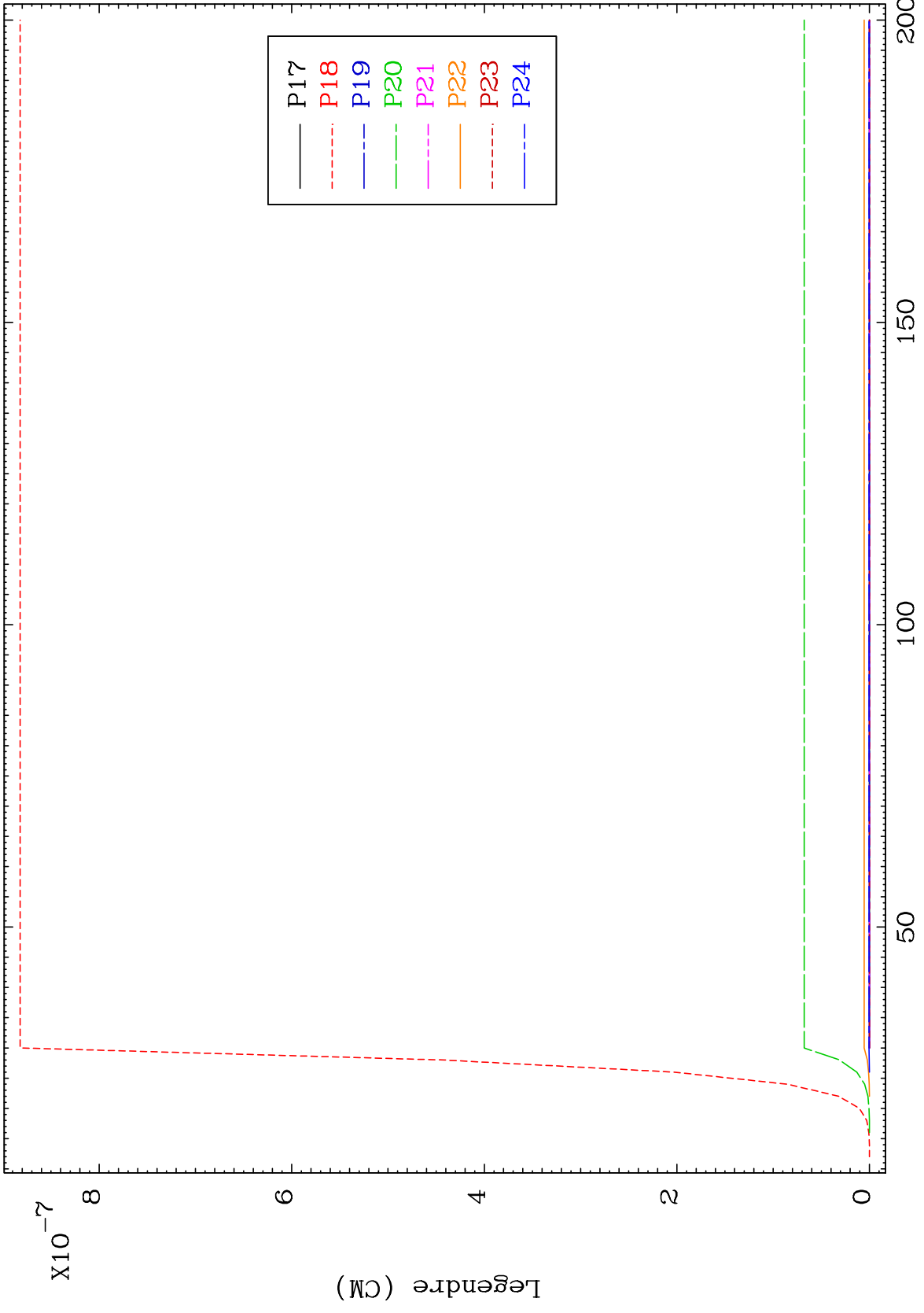


90

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 75 (n,n') Level Legendre Coefficients 34-Se-77

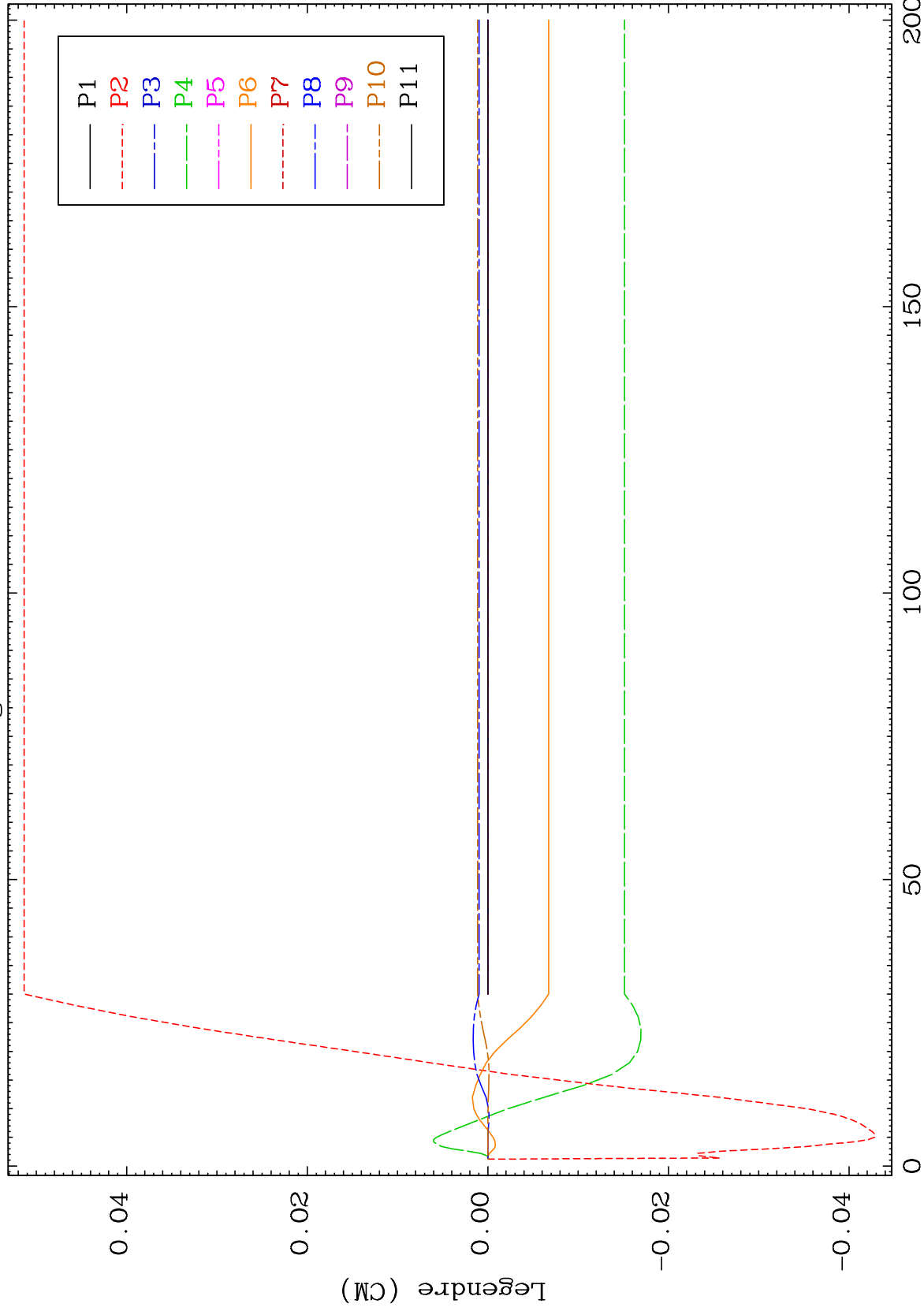


91 34-Se-77

MAT 3434

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

34-Se-77



92

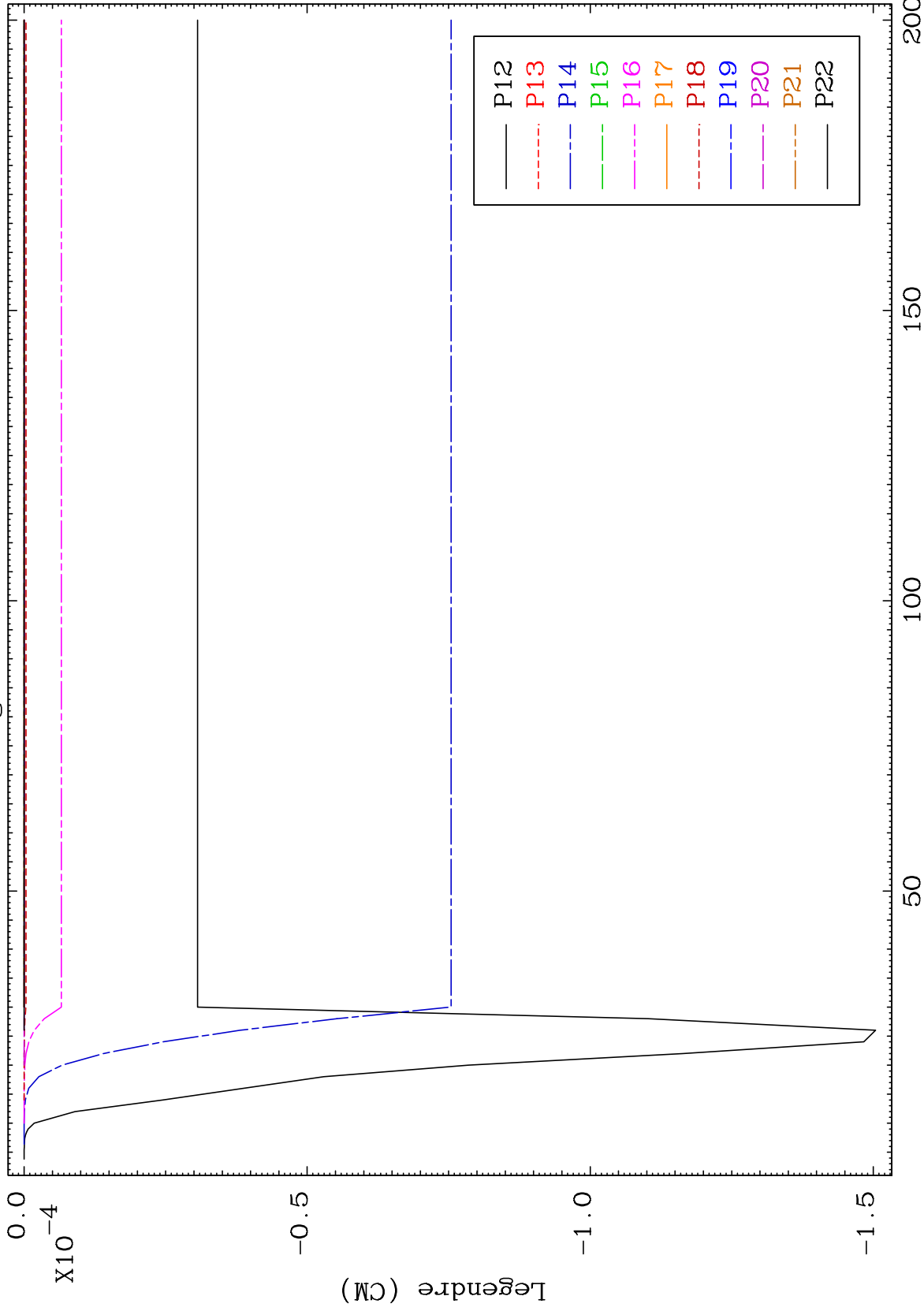
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



93

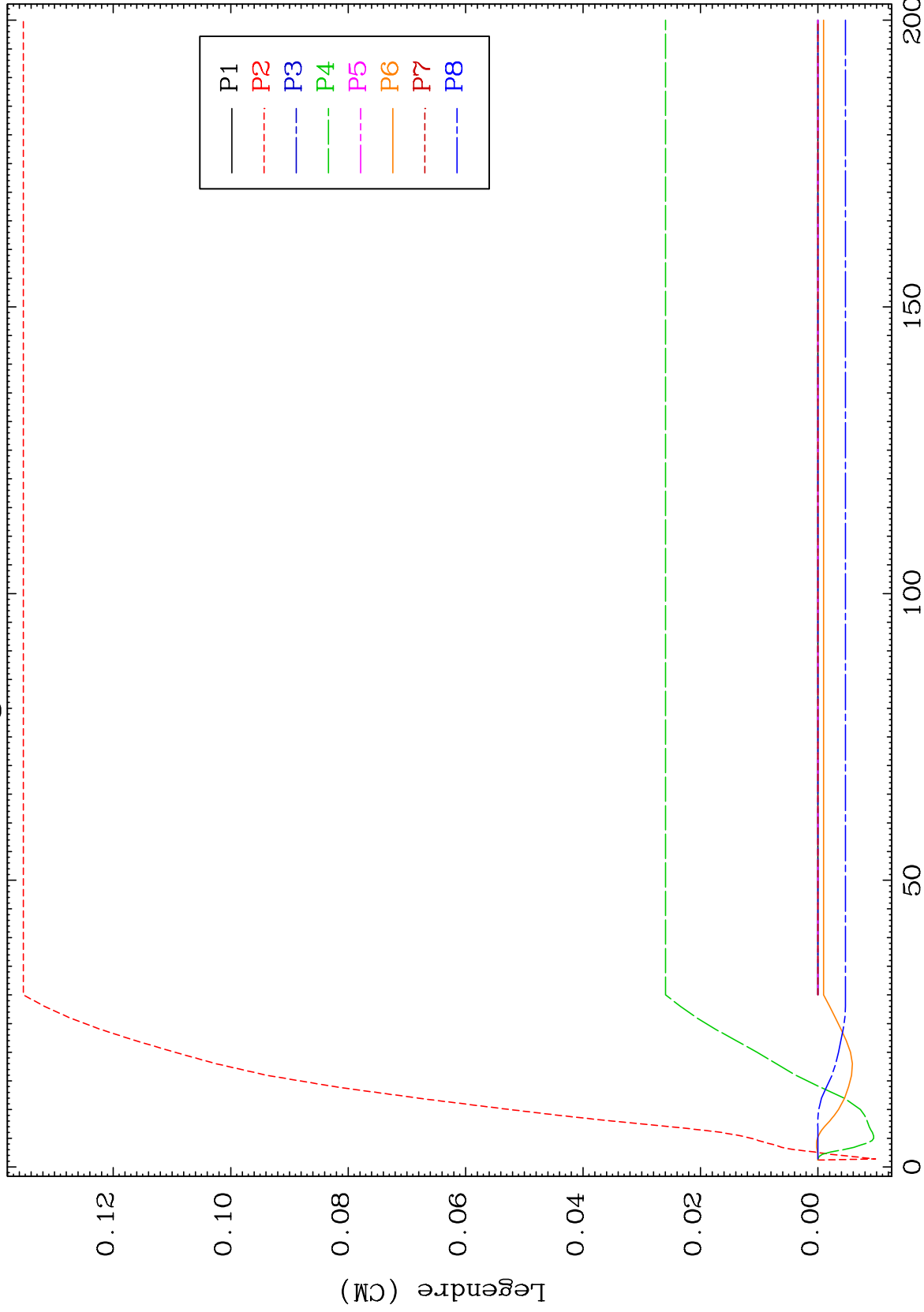
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



94

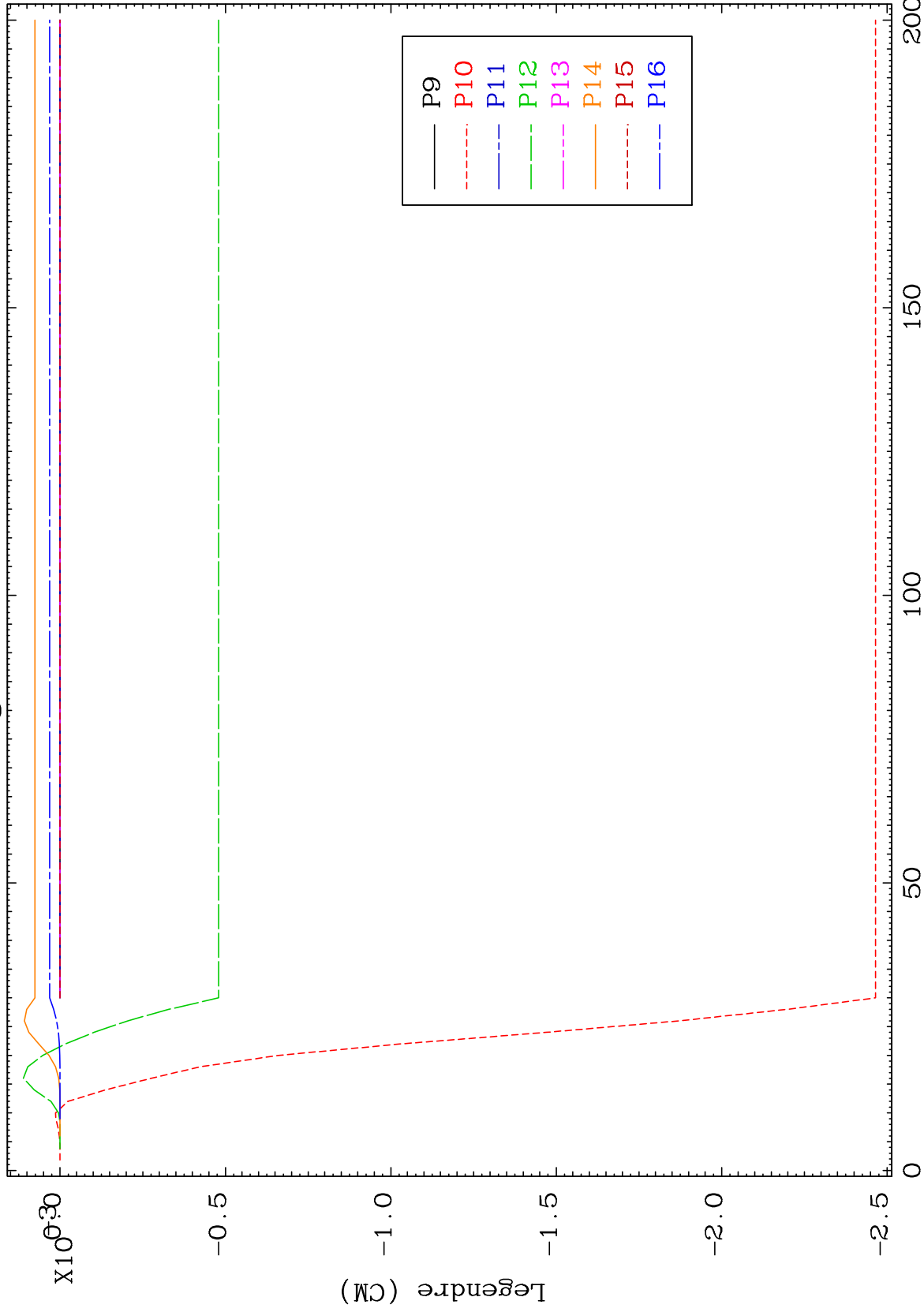
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



95

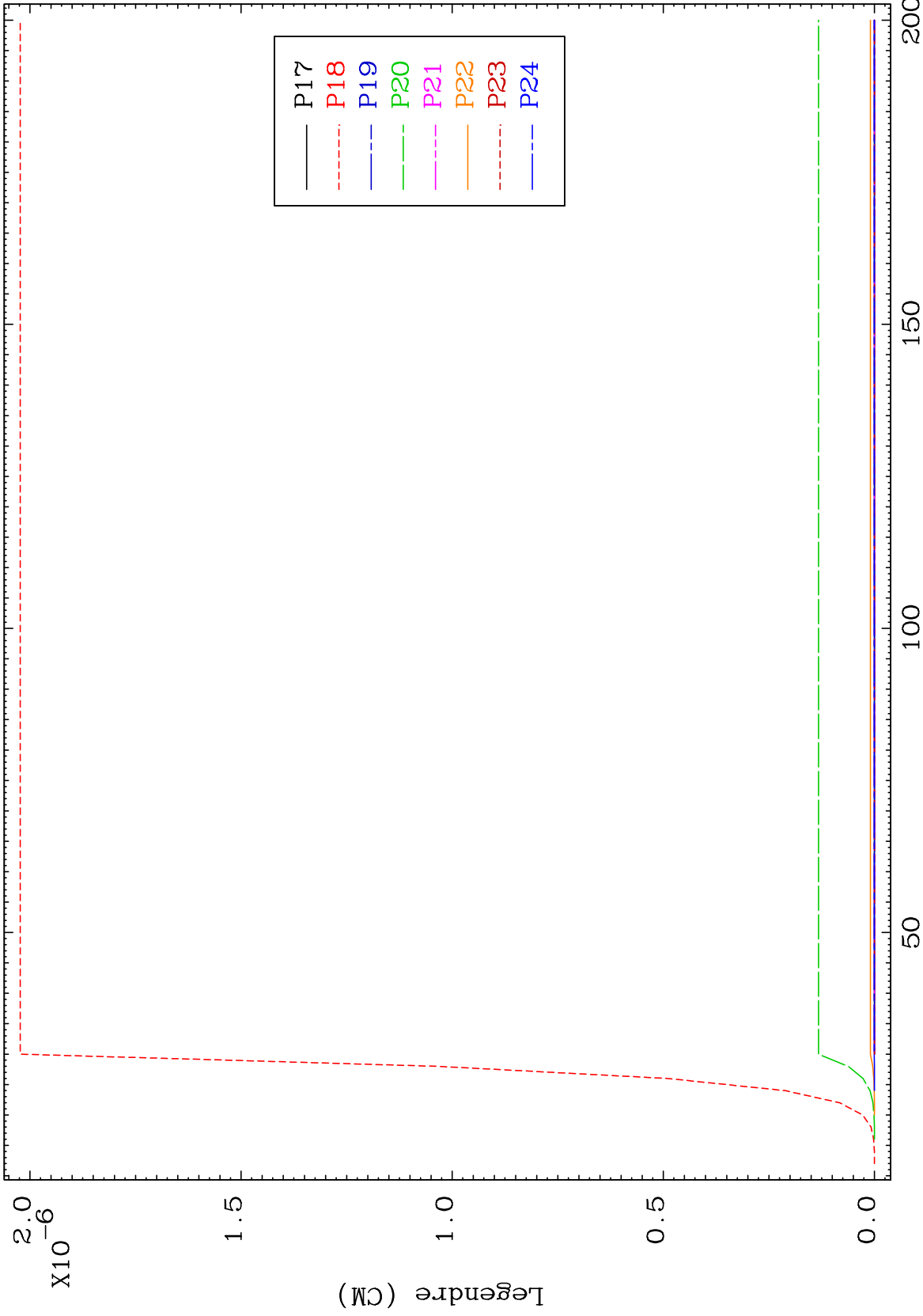
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



96

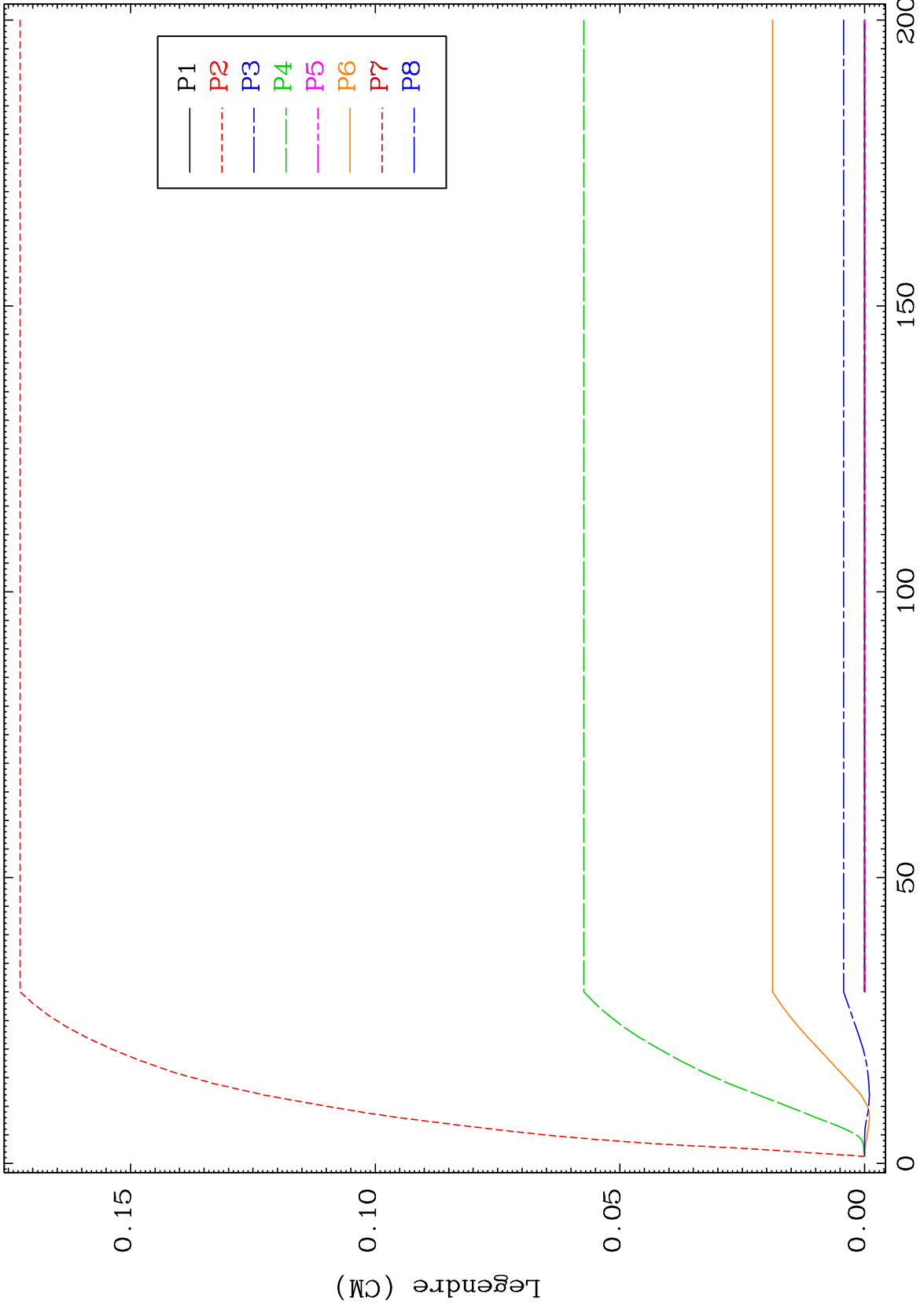
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



97

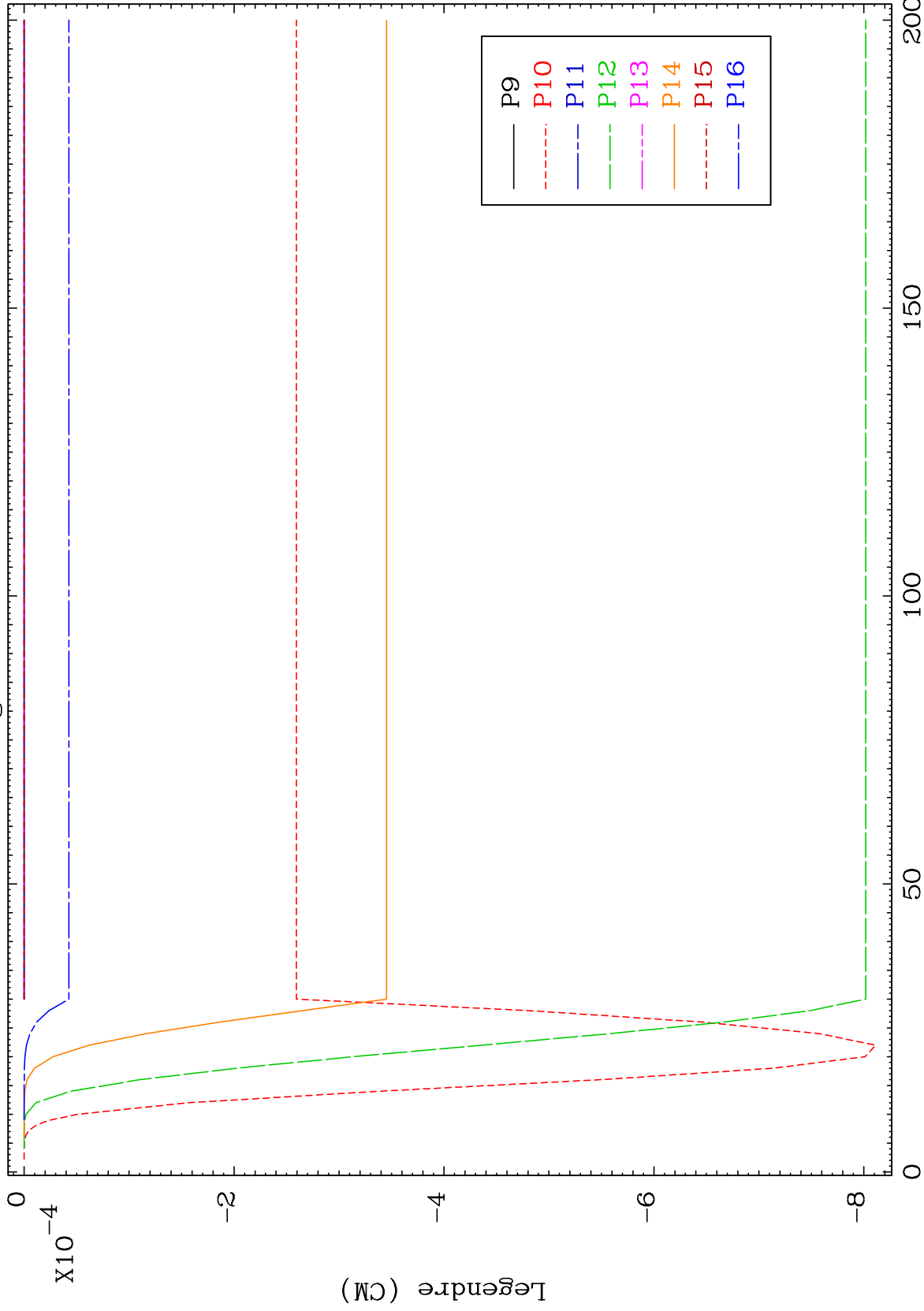
Incident Energy (MeV)

34-Se-77

MAT 3434

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

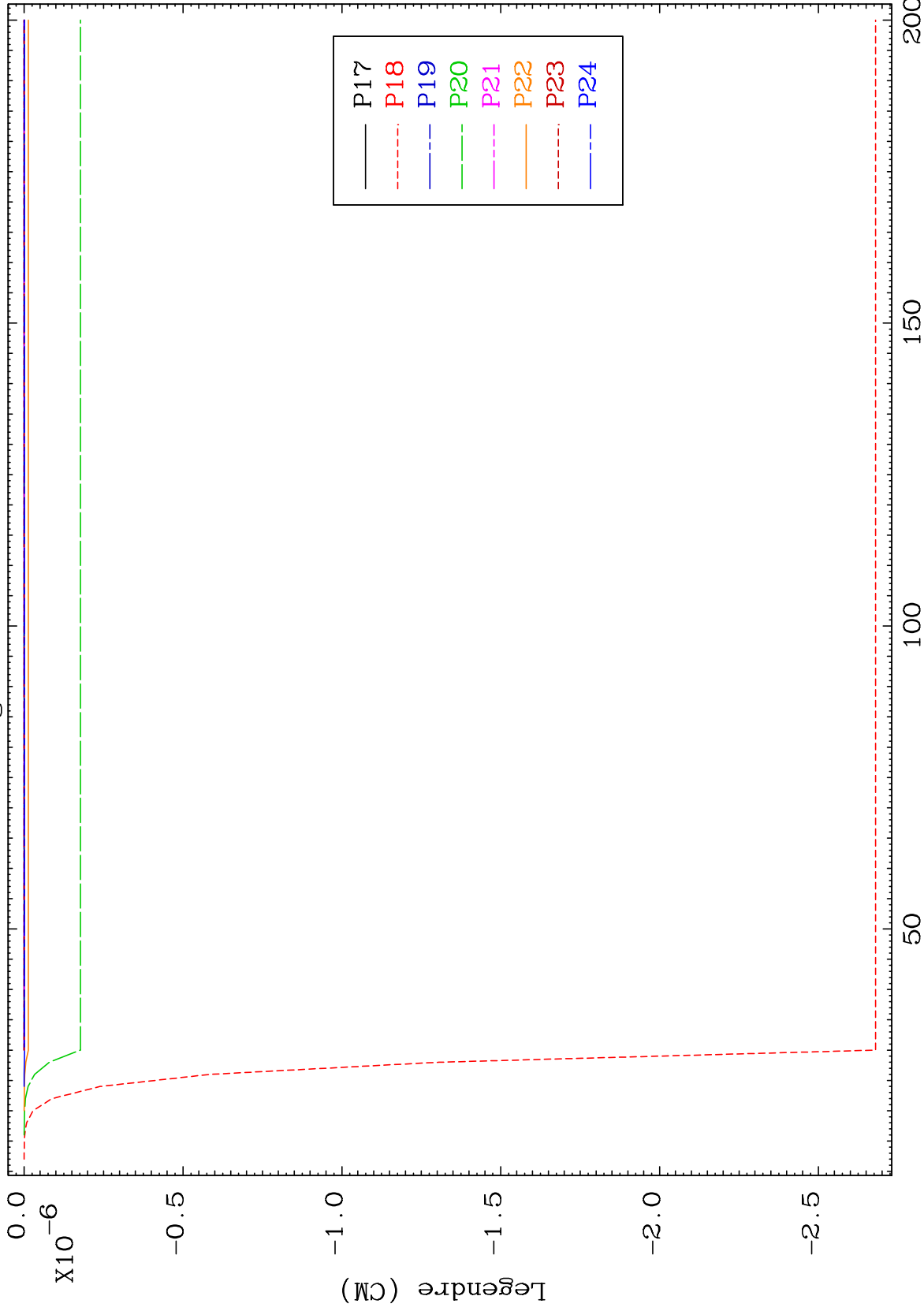
34-Se-77



MAT 3434

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

34-Se-77



99

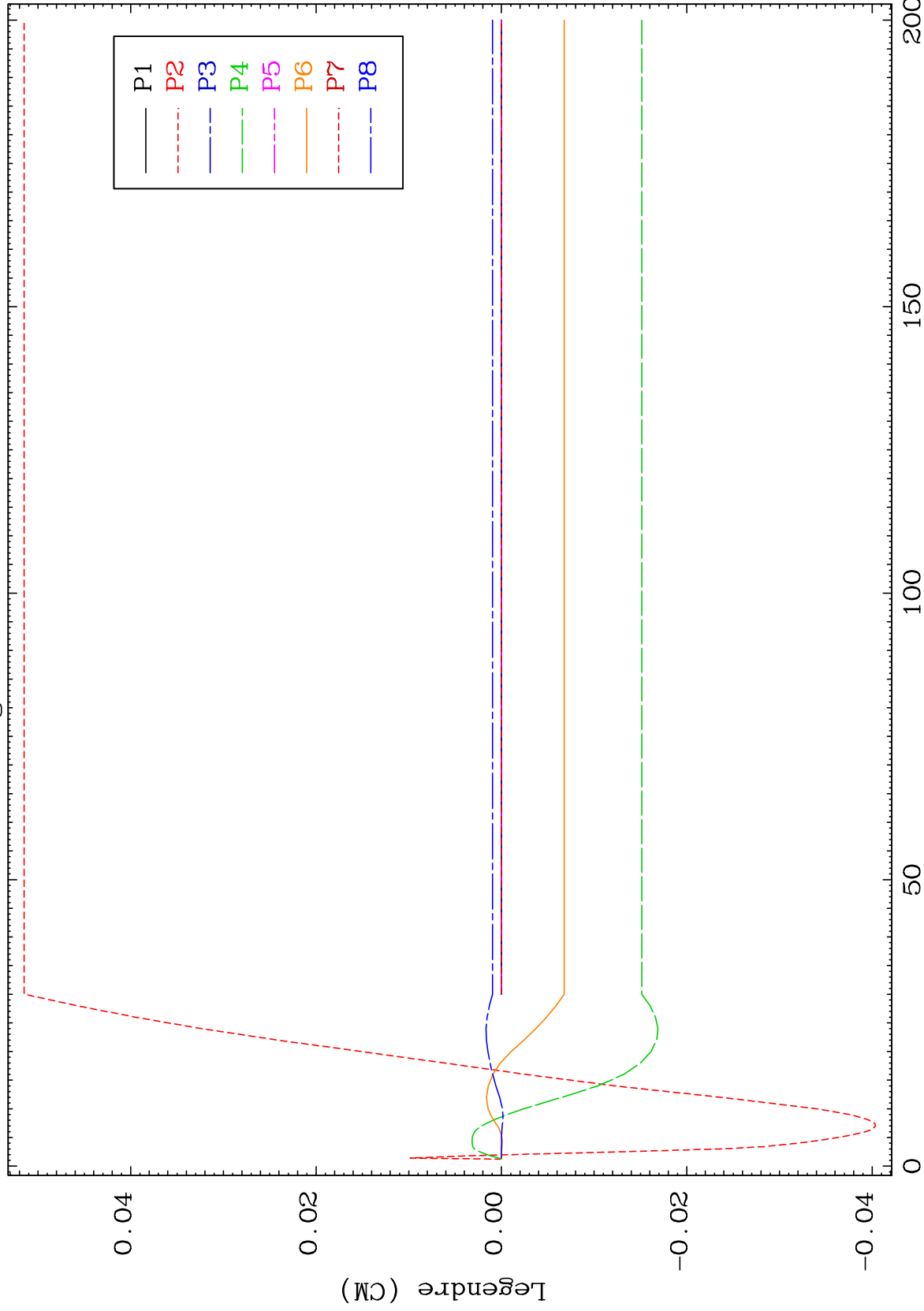
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



34-Se-77

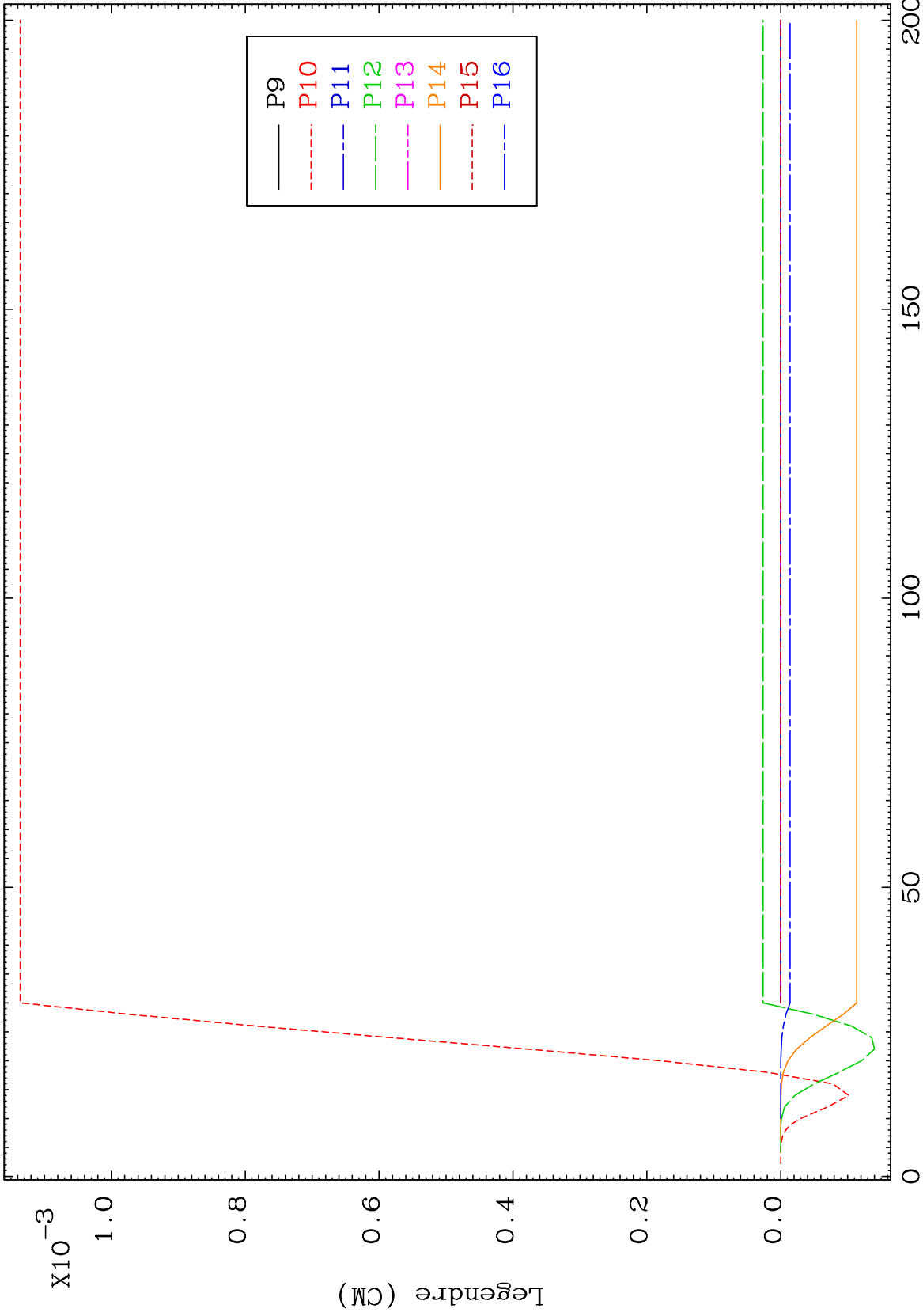
Incident Energy (MeV)

100

MAT 3434

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

34-Se-77

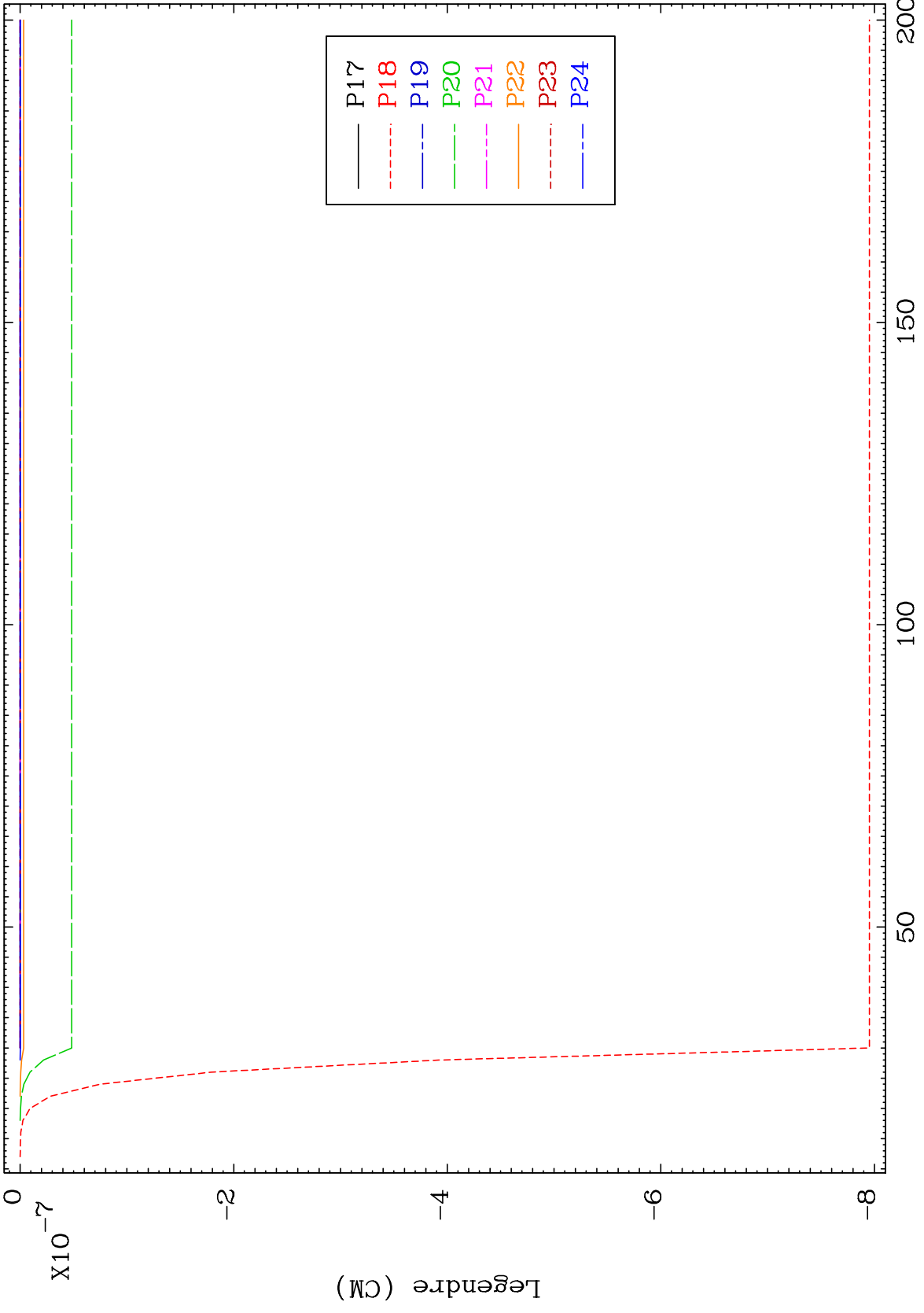


101

Incident Energy (MeV)

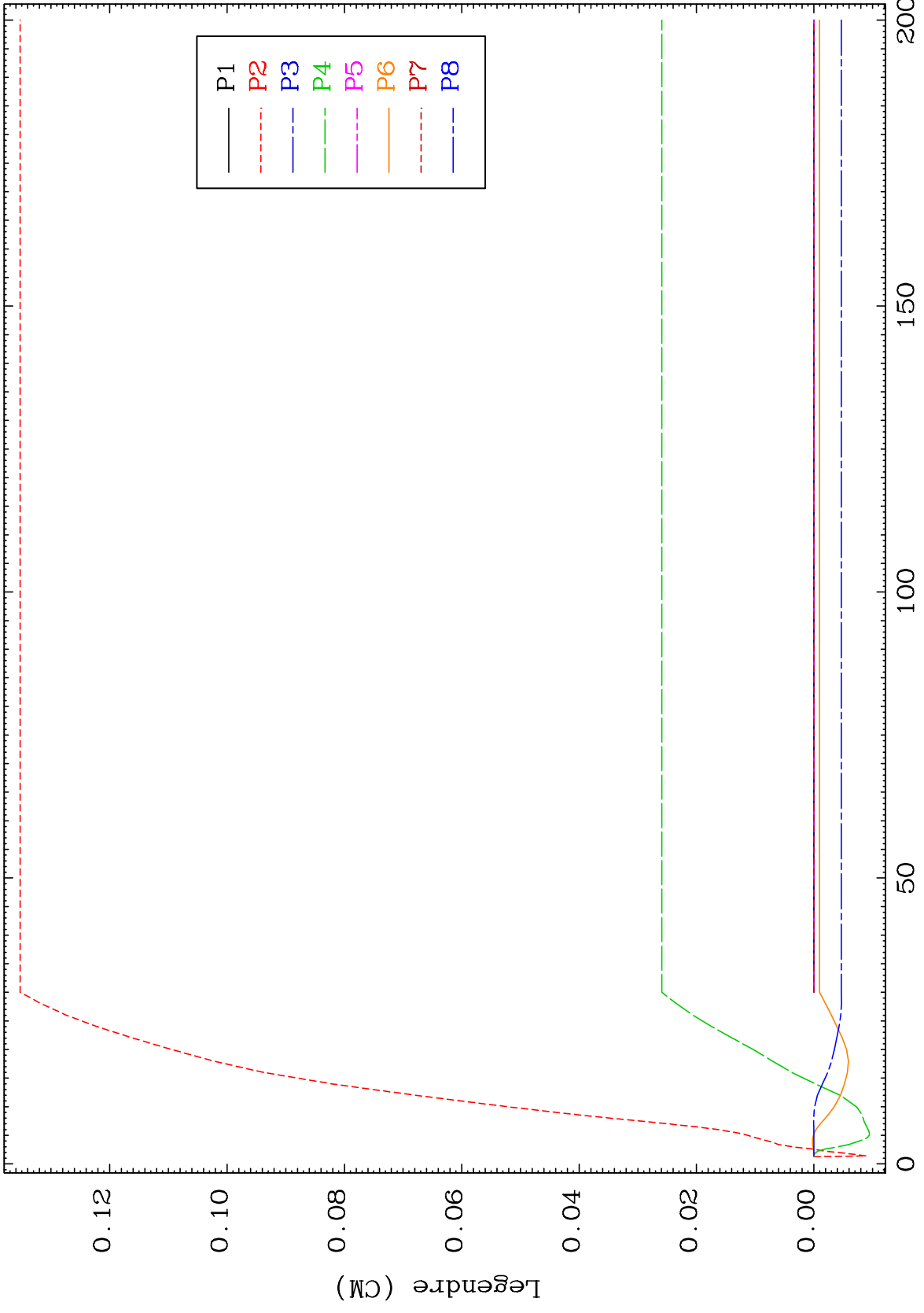
34-Se-77

MAT 3434 MT= 79 (n,n') Level Legendre Coefficients 34-Se-77



102 34-Se-77

MAT 3434 MT= 80 (n,n') Level Legendre Coefficients 34-Se-77

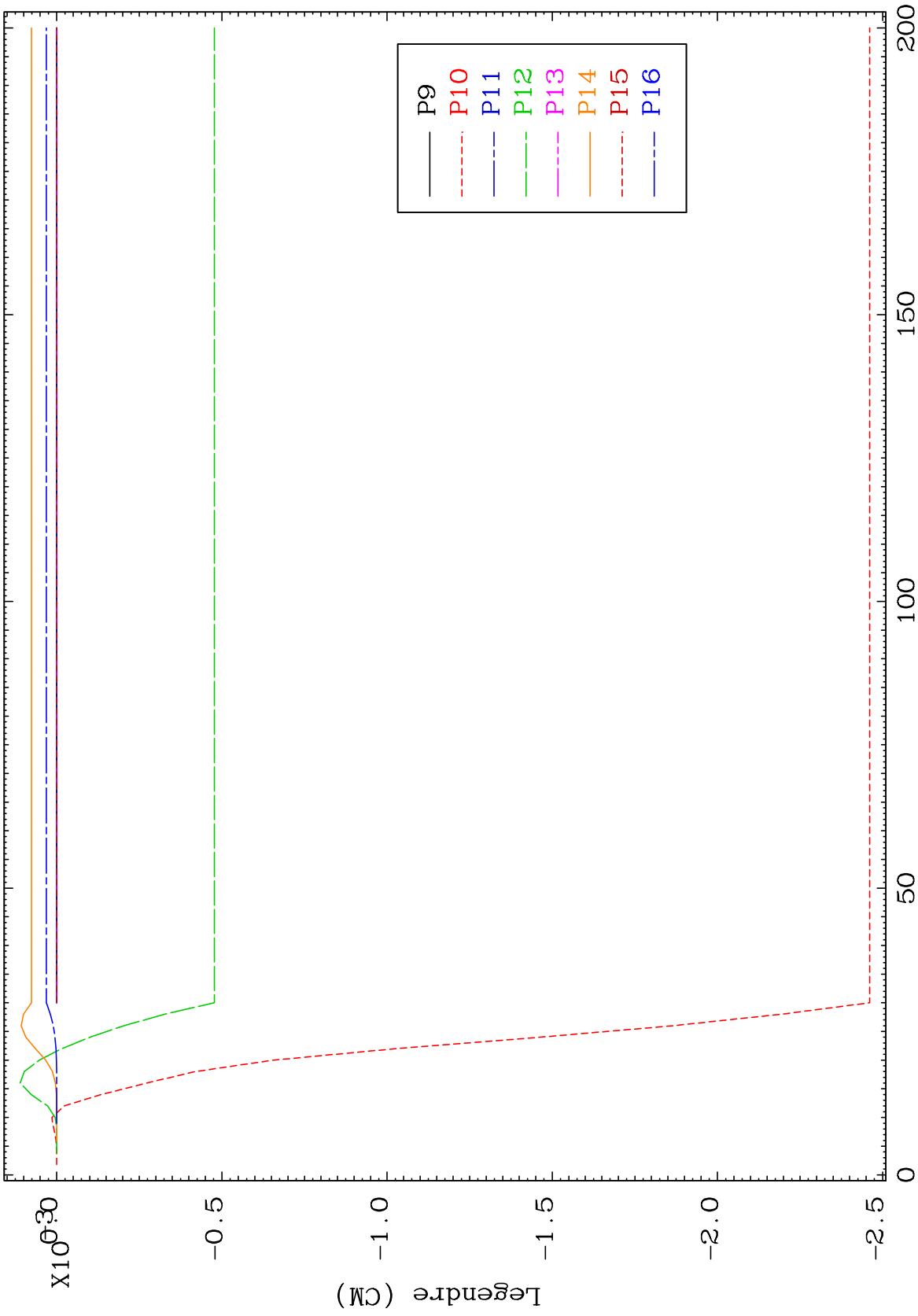


103 Incident Energy (MeV) 34-Se-77

MAT 3434

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

34-Se-77

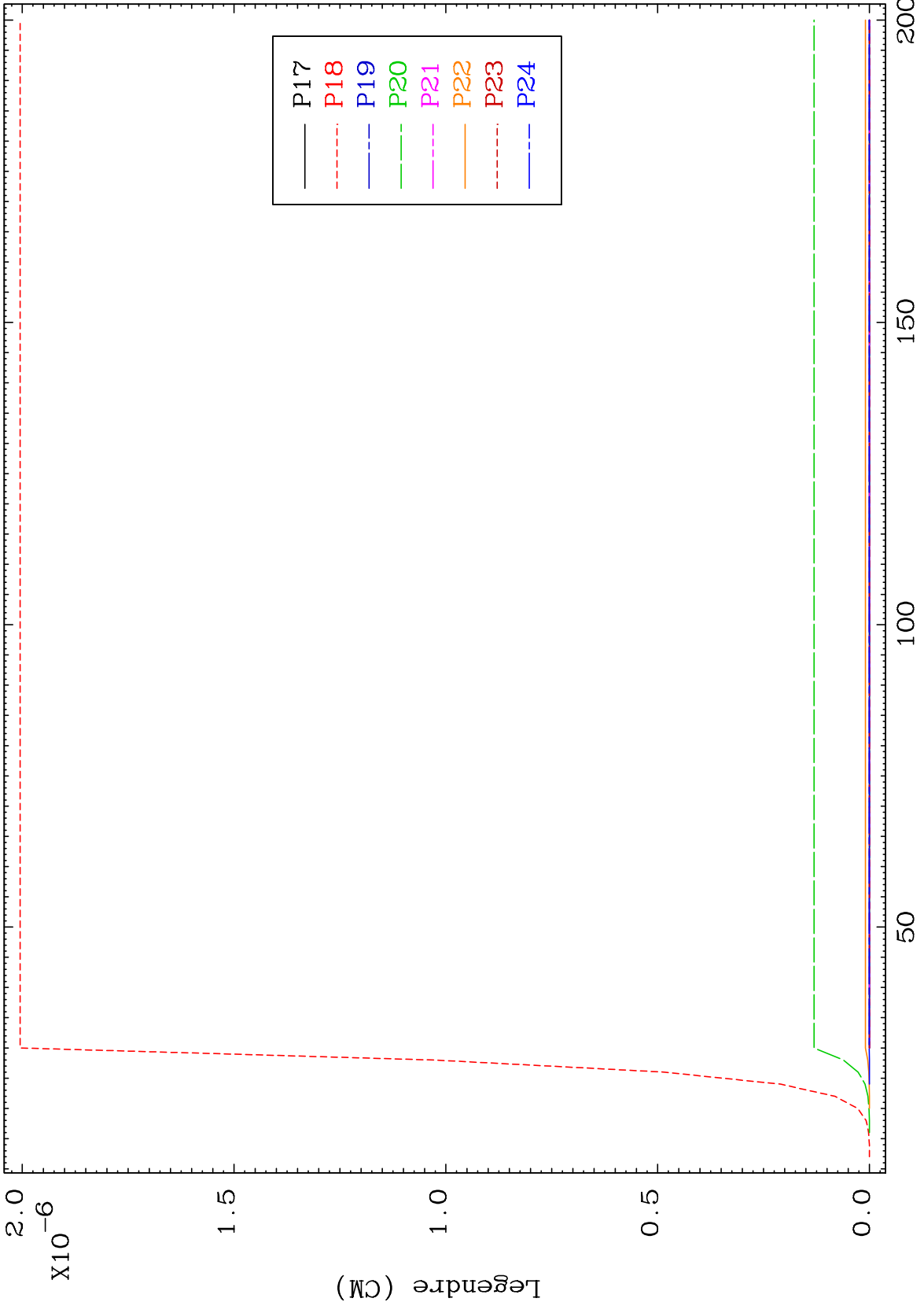


104

Incident Energy (MeV)

34-Se-77

MAT 3434 MT= 80 (n,n') Level Legendre Coefficients 34-Se-77

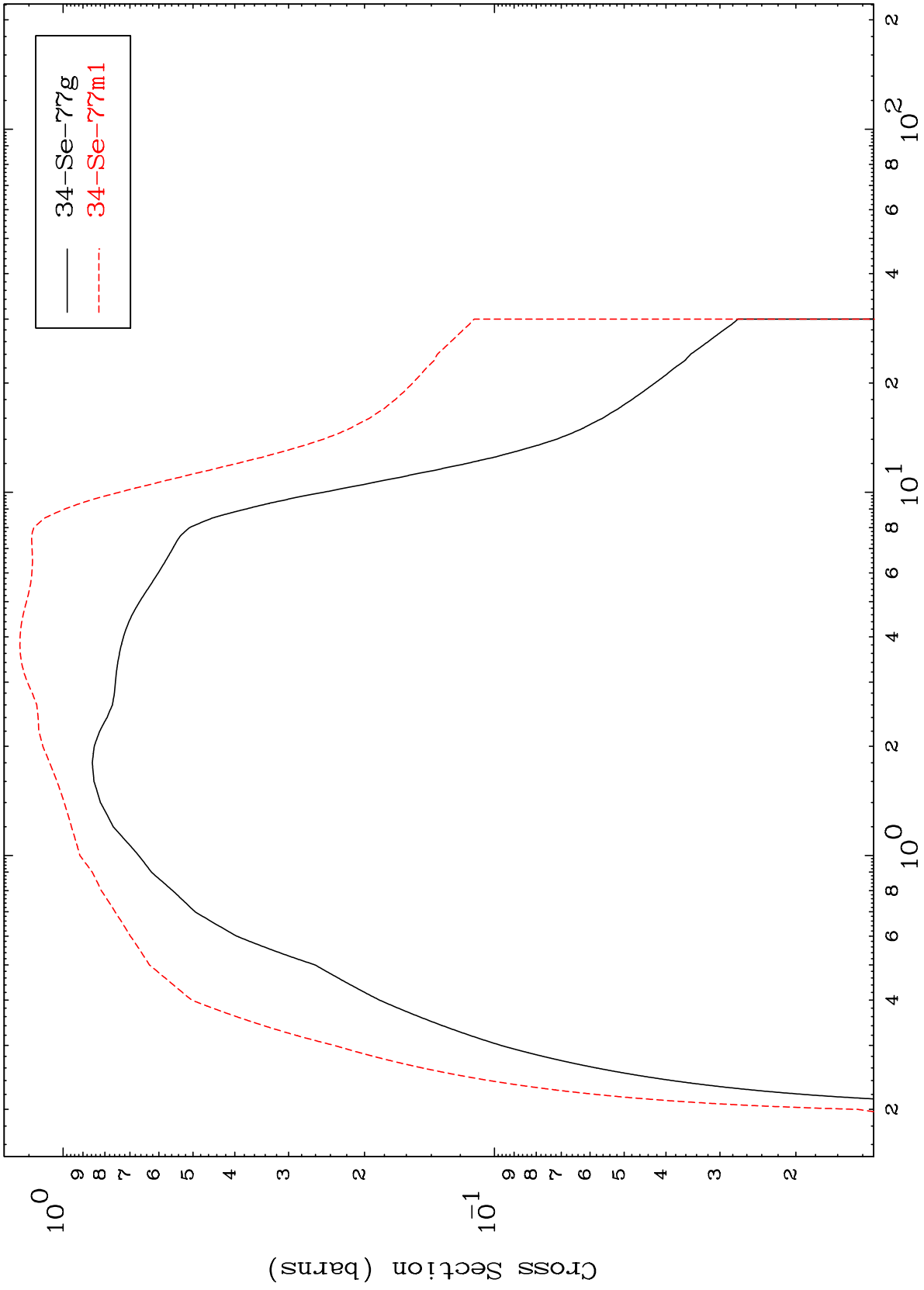


34-Se-77

MAT 3434

³⁴Se-77

Inelastic
Radionuclide Production Cross Section



106

Incident Energy (MeV)

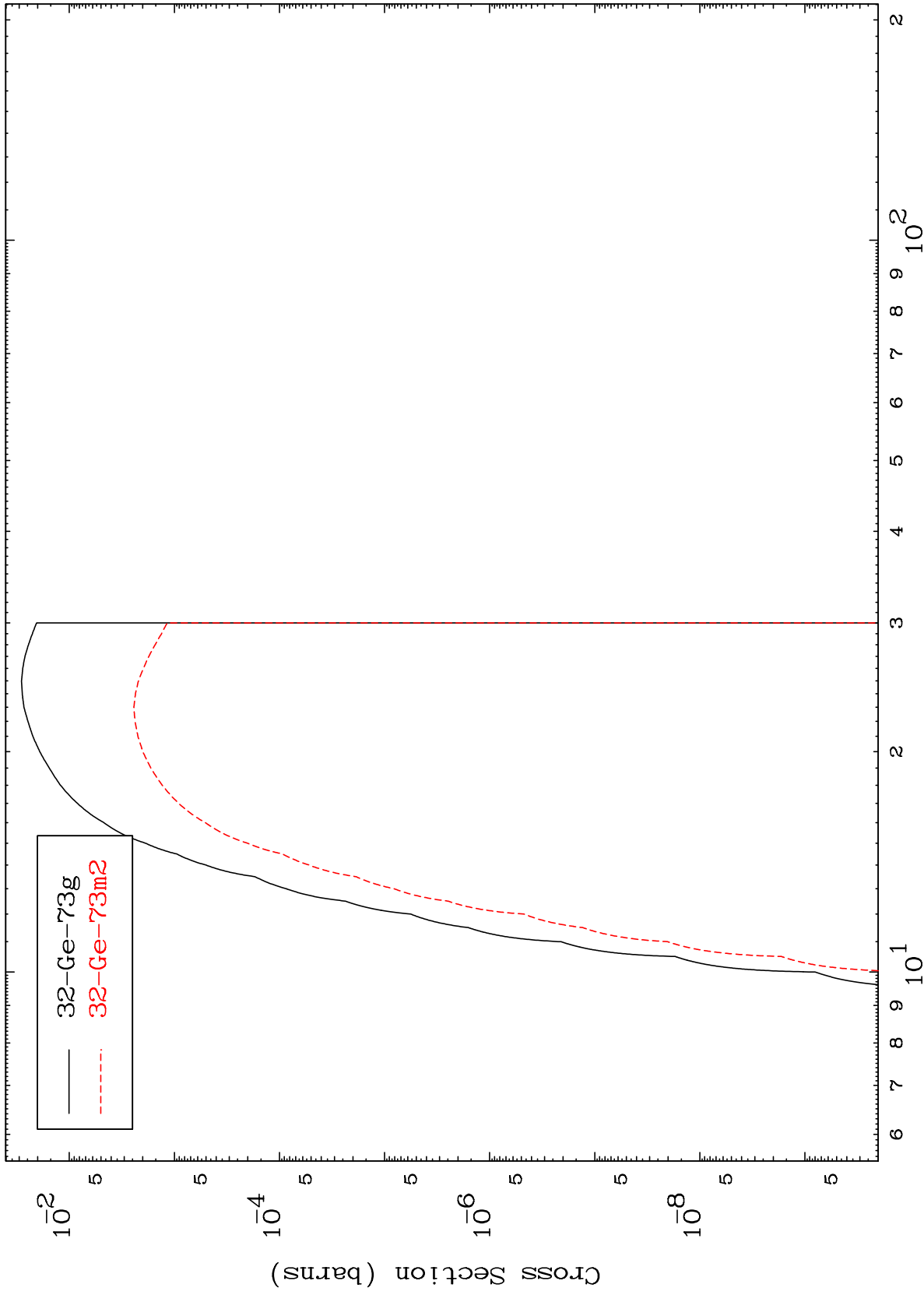
³⁴Se-77

MAT 3434

(n,n') α

34-^{Se}-77

Radionuclide Production Cross Section



107

Incident Energy (MeV)

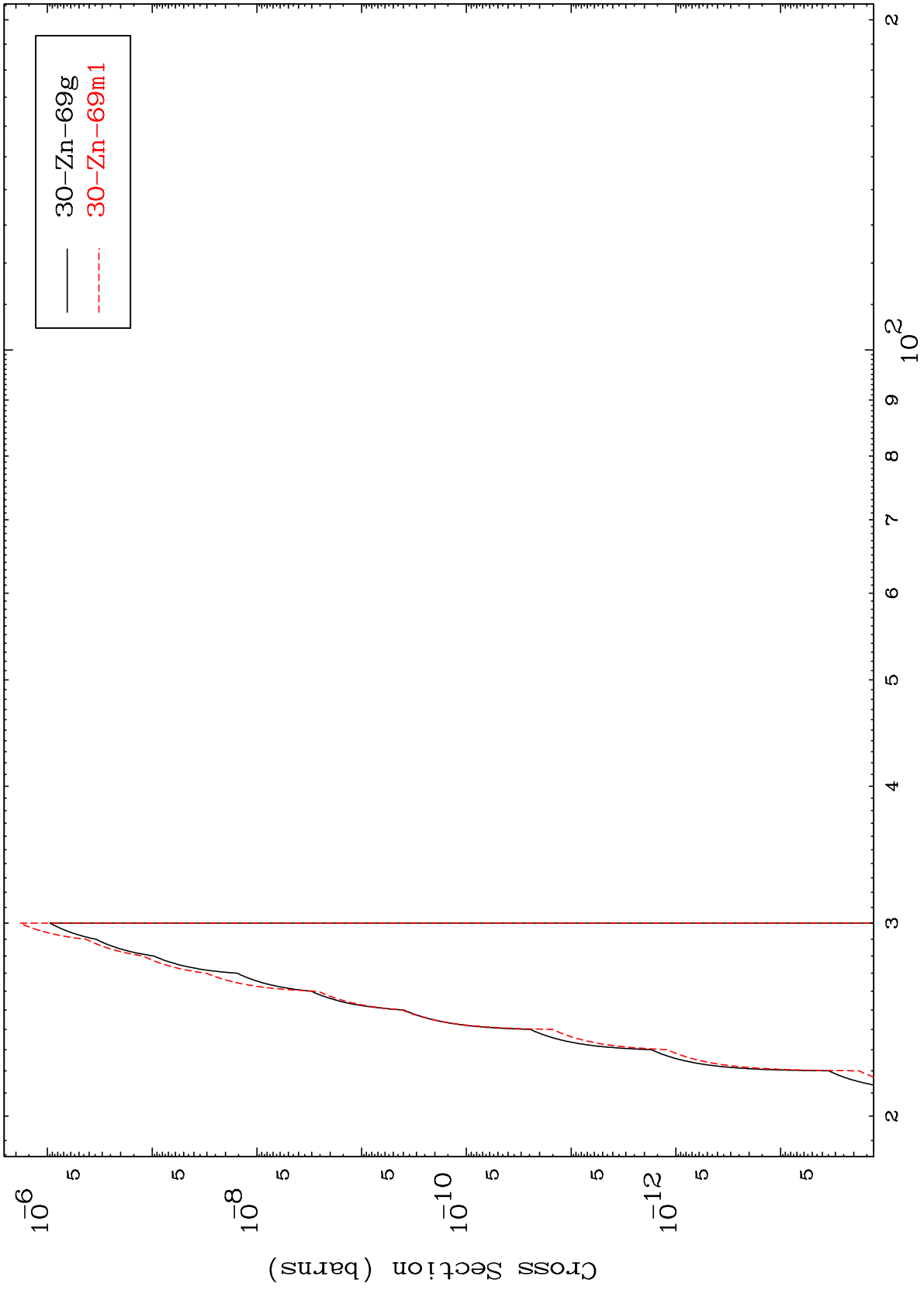
34-^{Se}-77

MAT 3434

(n,n') 2 α

34-Se-77

Radionuclide Production Cross Section



108

Incident Energy (MeV)

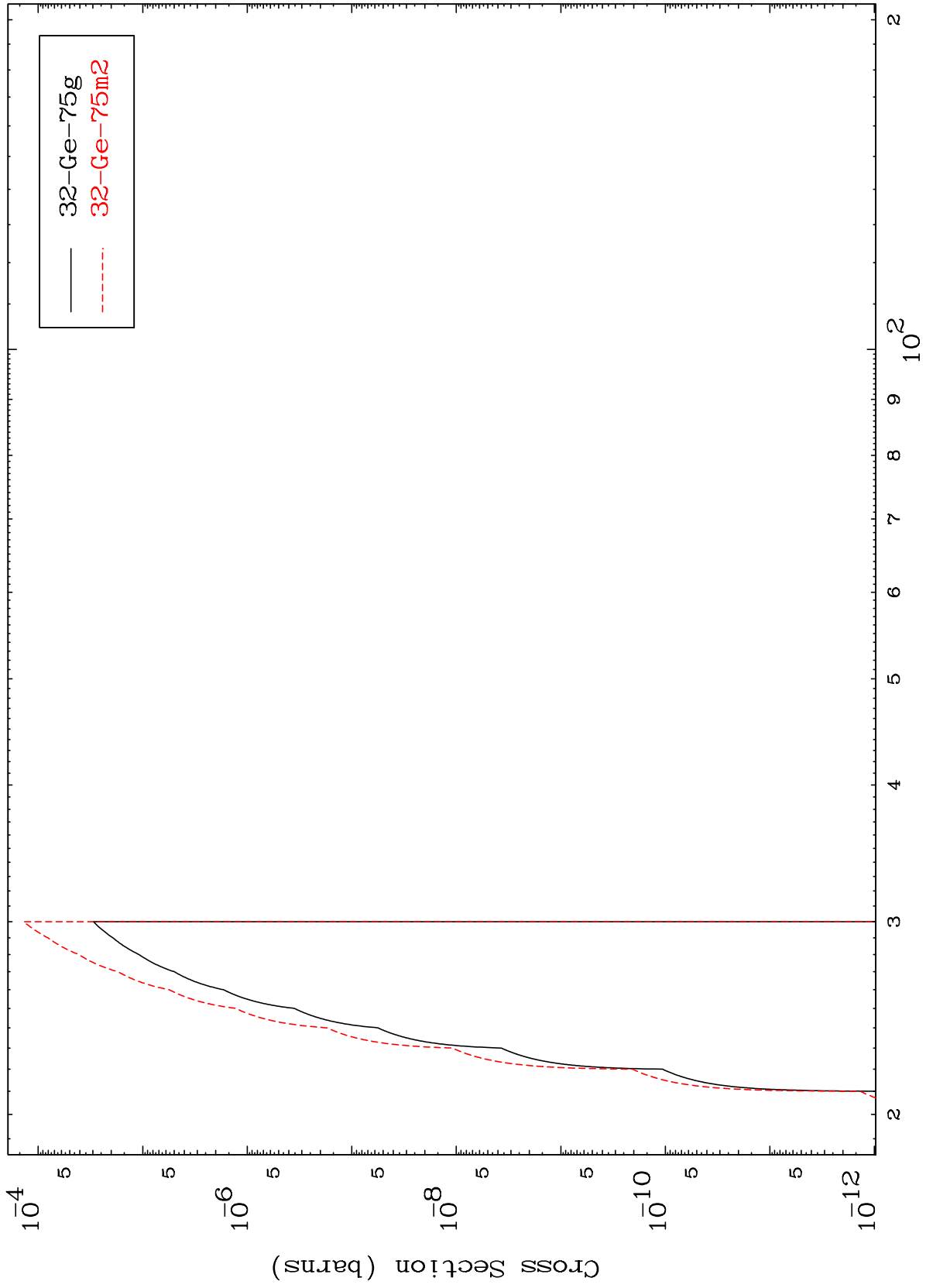
34-Se-77

MAT 3434

(n,2n) p

³⁴Se-77

Radionuclide Production Cross Section



109

Incident Energy (MeV)

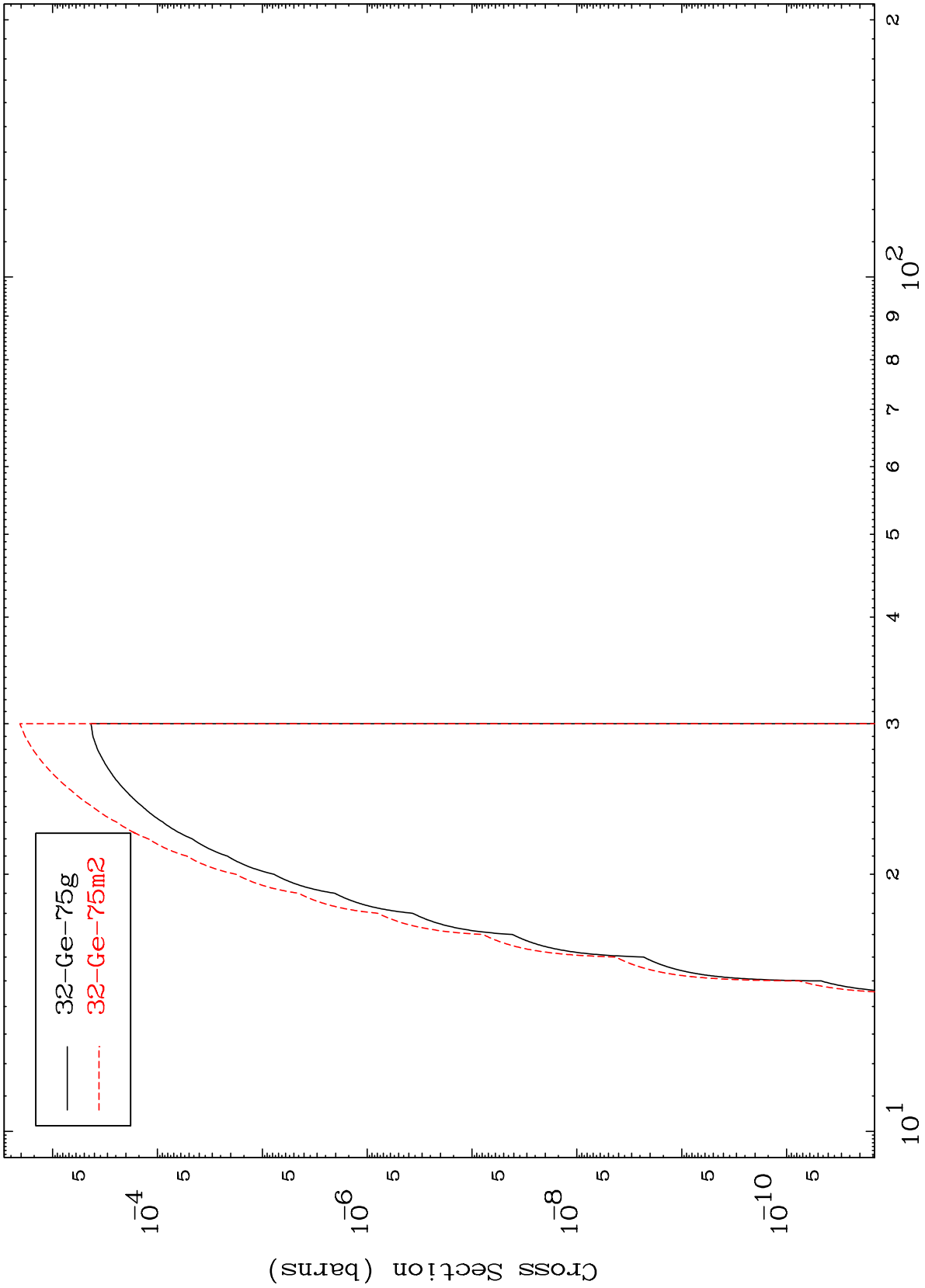
³⁴Se-77

MAT 3434

(n, He-3)

³⁴Se-77

Radionuclide Production Cross Section



34-^{Se}-77

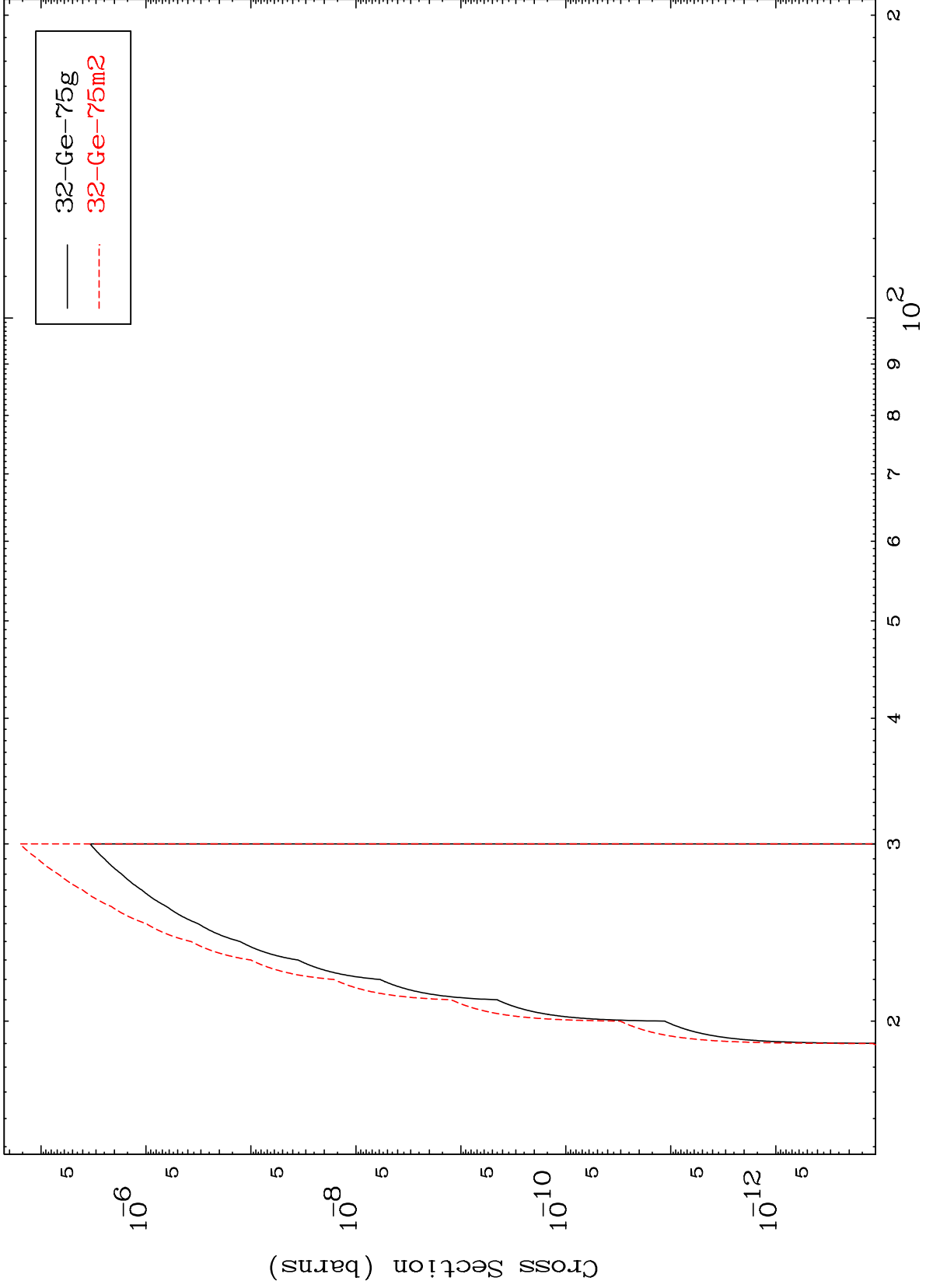
110

MAT 3434

(n,p) d

³⁴Se-77

Radionuclide Production Cross Section



111

Incident Energy (MeV)

³⁴Se-77