

Program EVALPLOT
(Version 2018-1)

by

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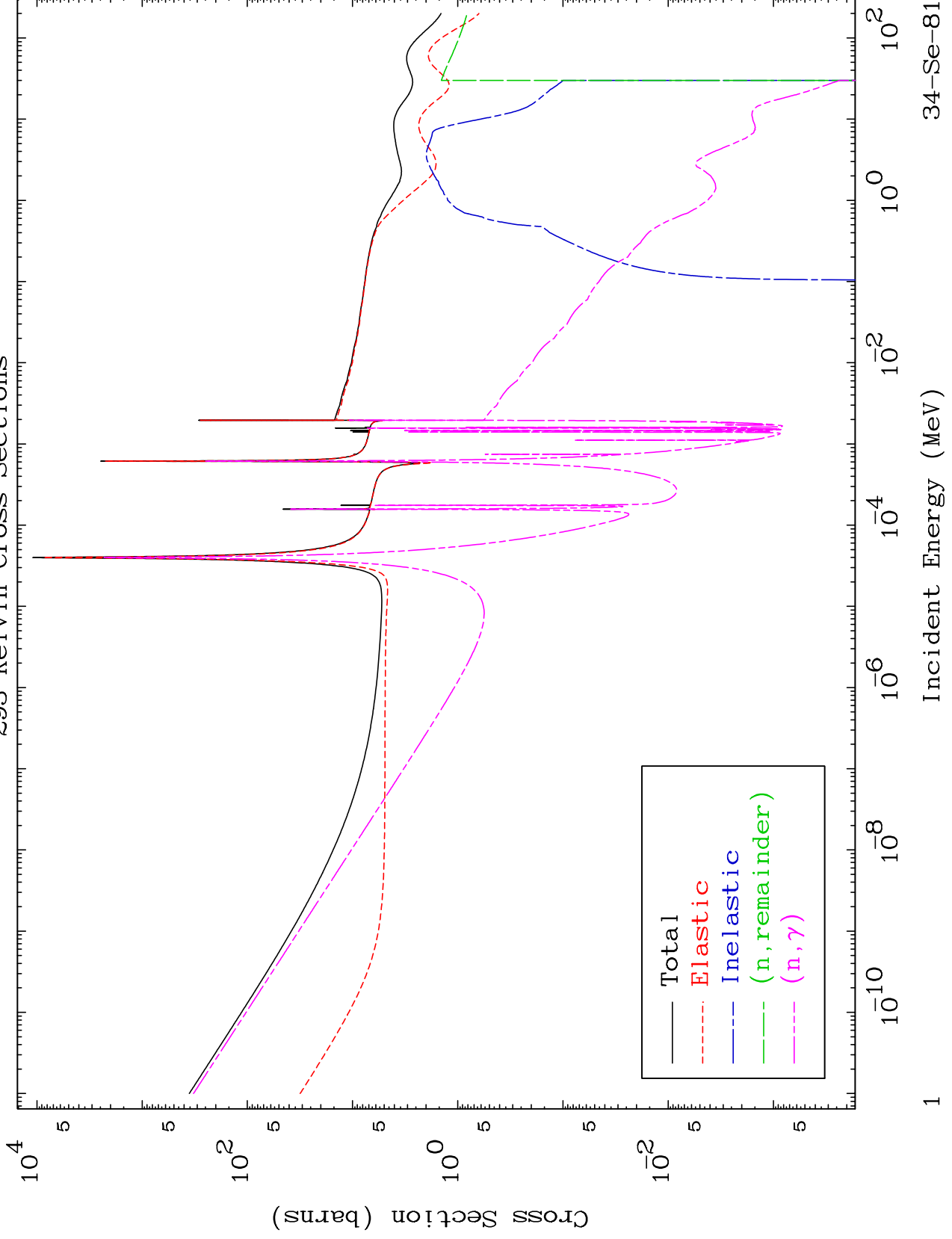
Press Mouse Button to Start

MAT 3446

Major

293 Kelvin Cross Sections

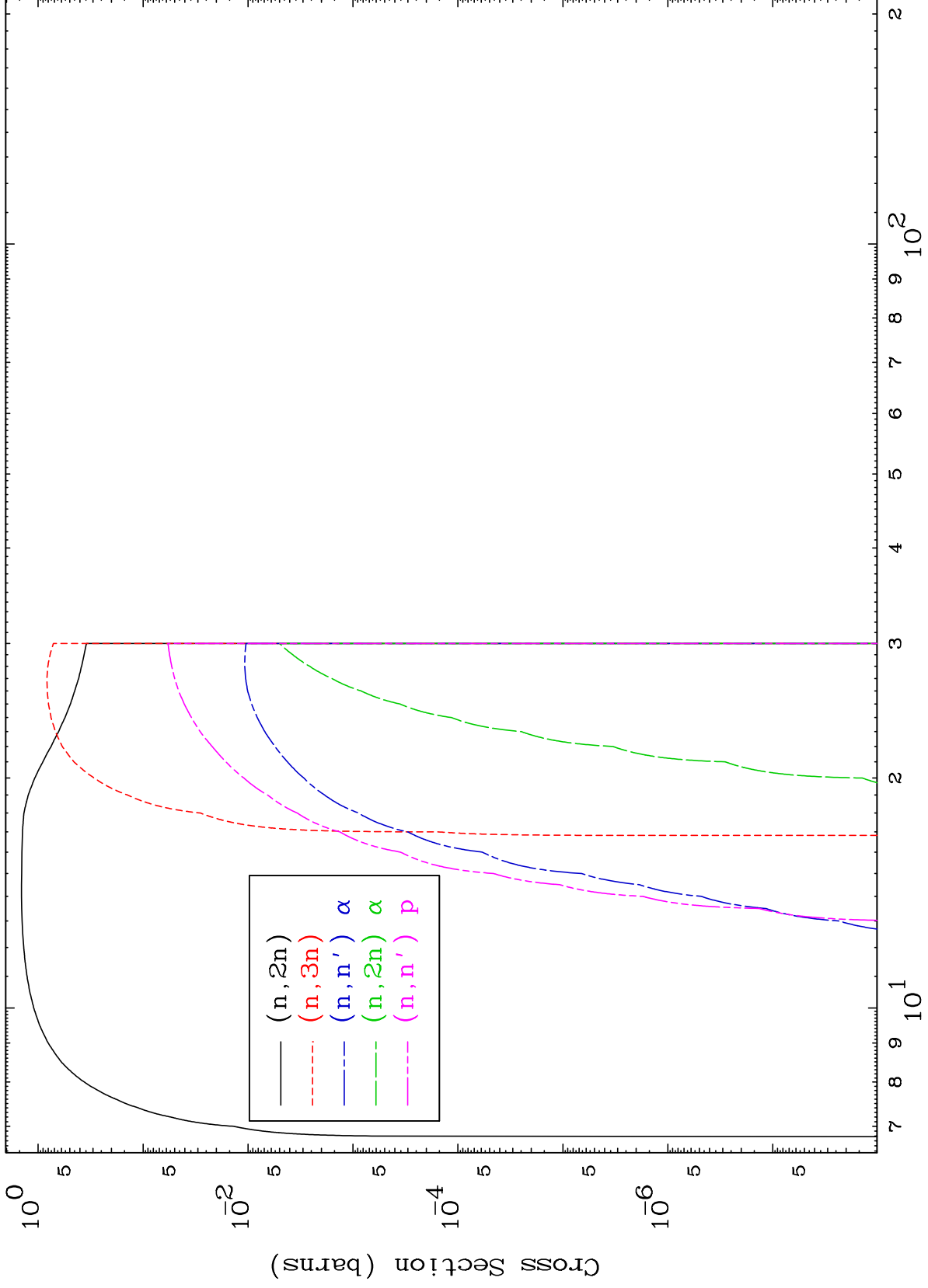
34-Se-81



MAT 3446

Neutron Production
293 Kelvin Cross Sections

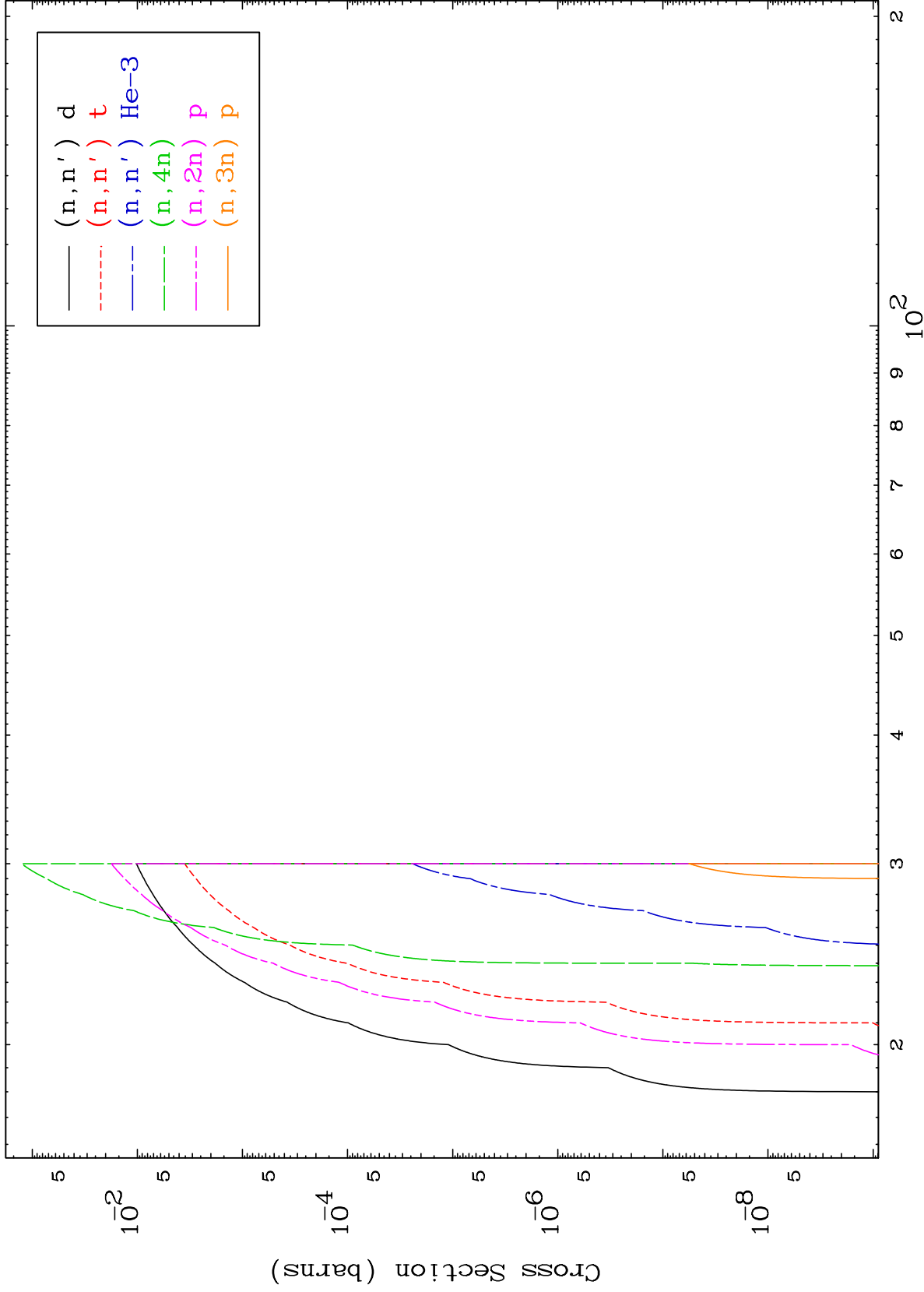
³⁴Se-81

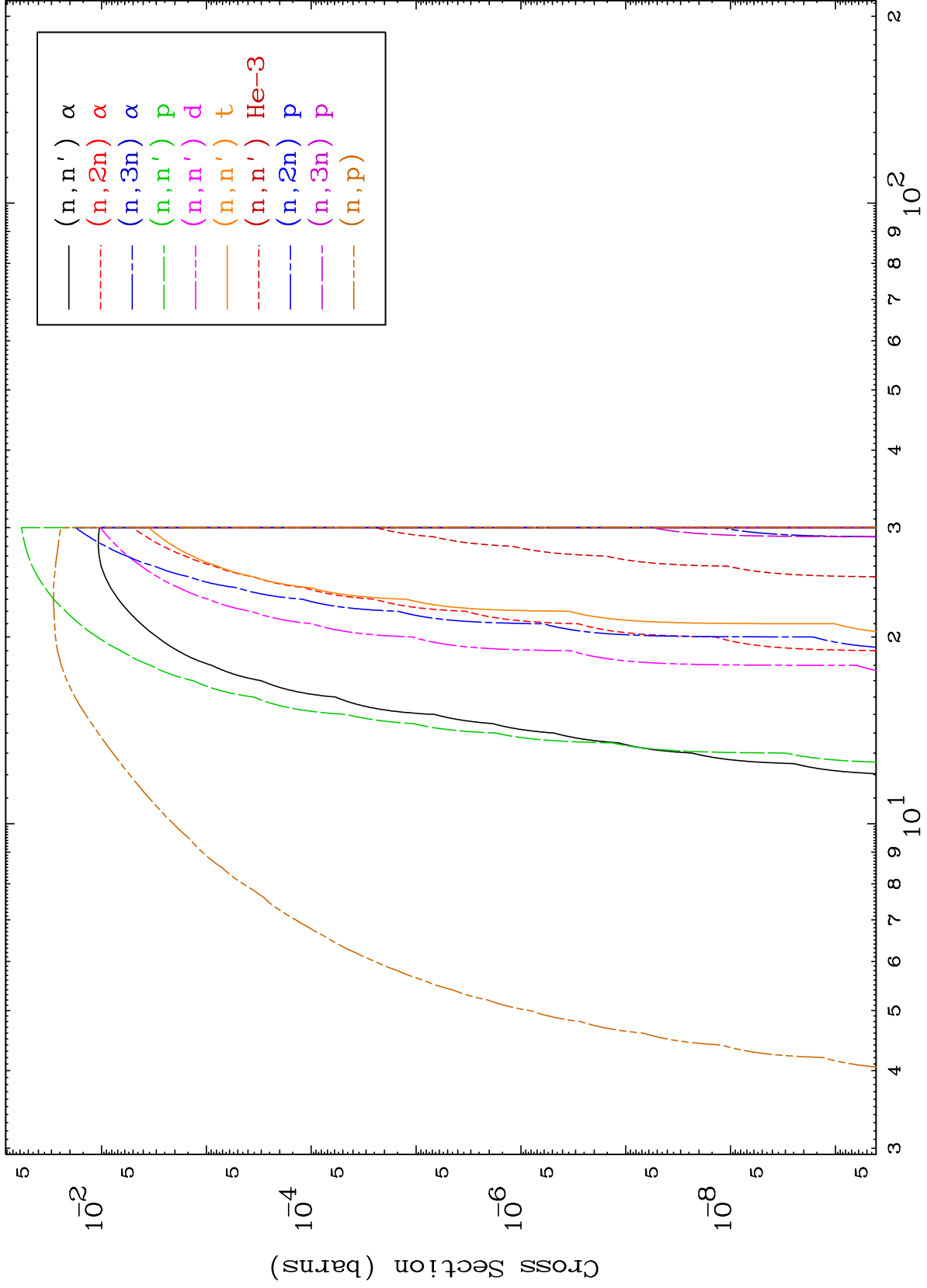


2

Incident Energy (MeV)

³⁴Se-81

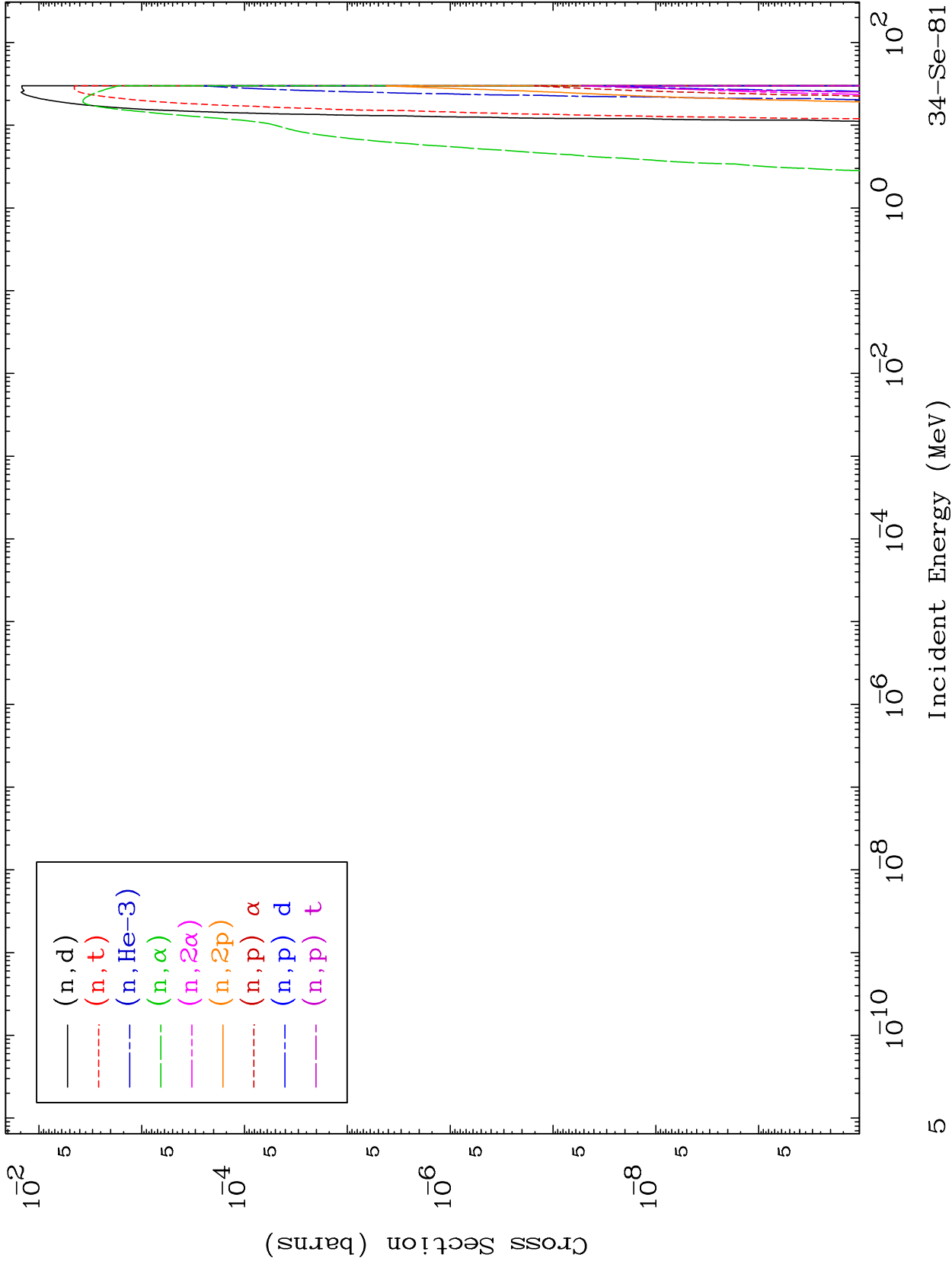




MAT 3446

Charged Particle
293 Kelvin Cross Sections

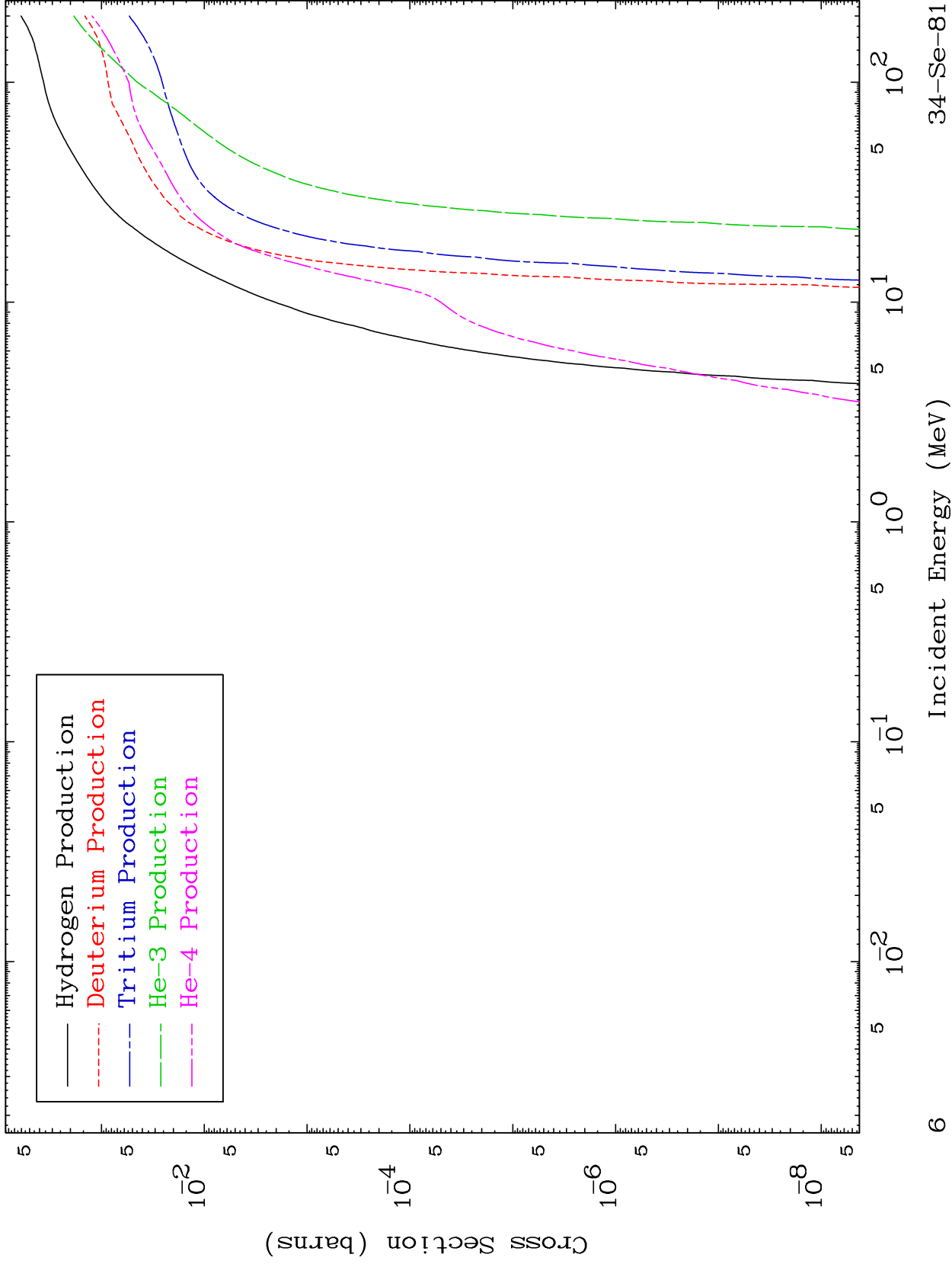
34-Se-81



MAT 3446

Particle Production
293 Kelvin Cross Sections

³⁴Se-81



6

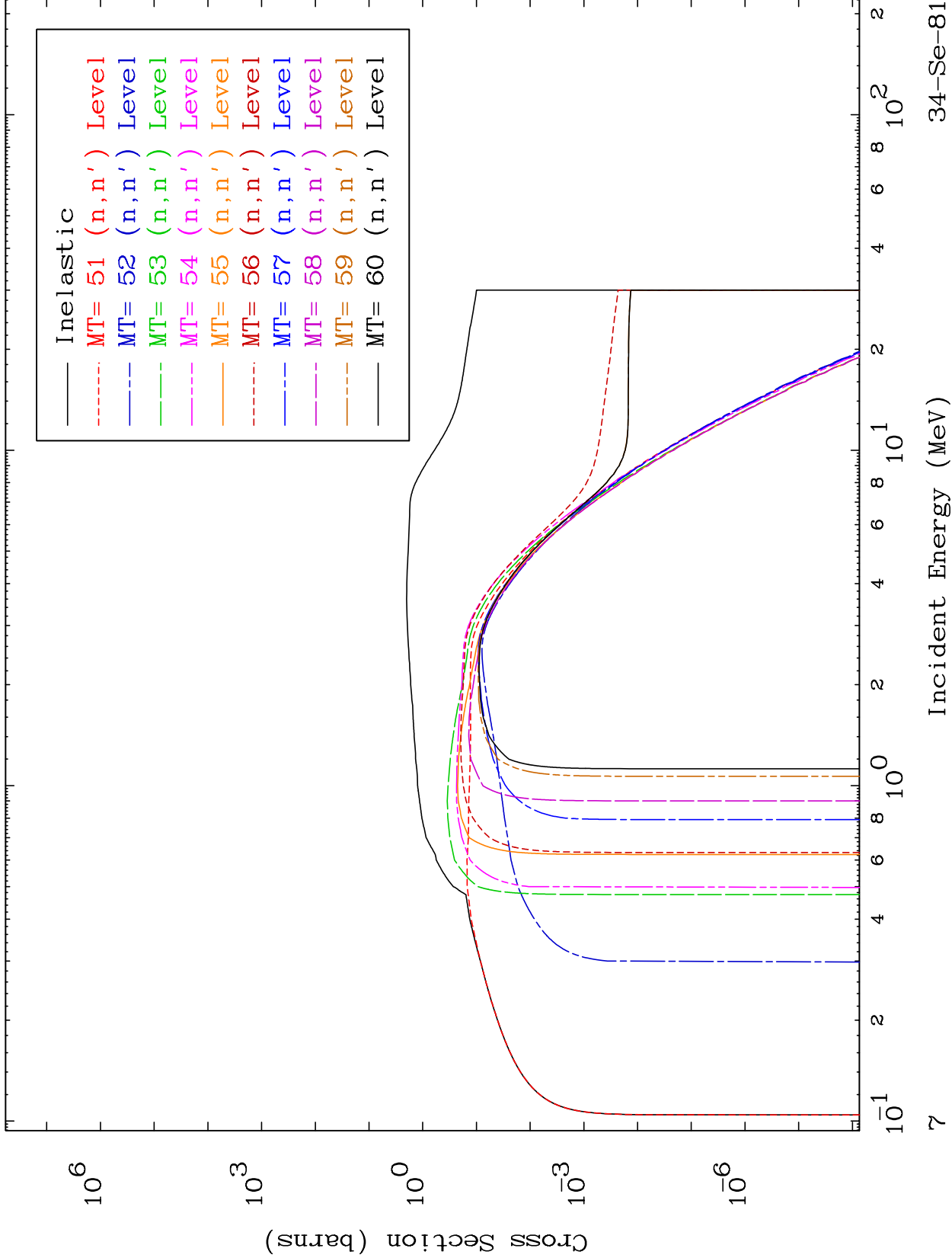
³⁴Se-81

MAT 3446

(n,n') Level

34-Se-81

293 Kelvin Cross Sections



Incident Energy (MeV)

34-Se-81

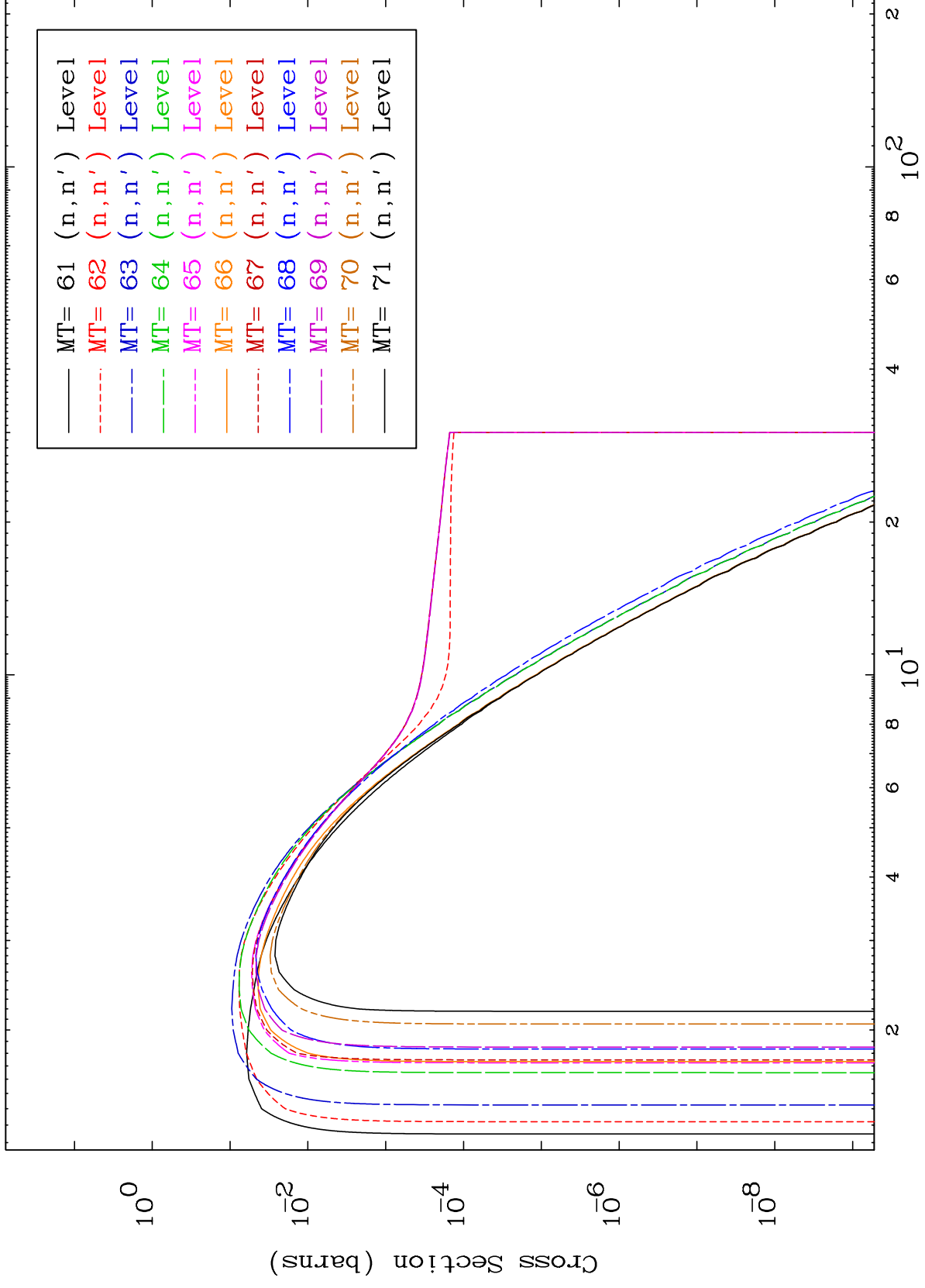
7

MAT 3446

(n,n') Level

34-Se-81

293 Kelvin Cross Sections

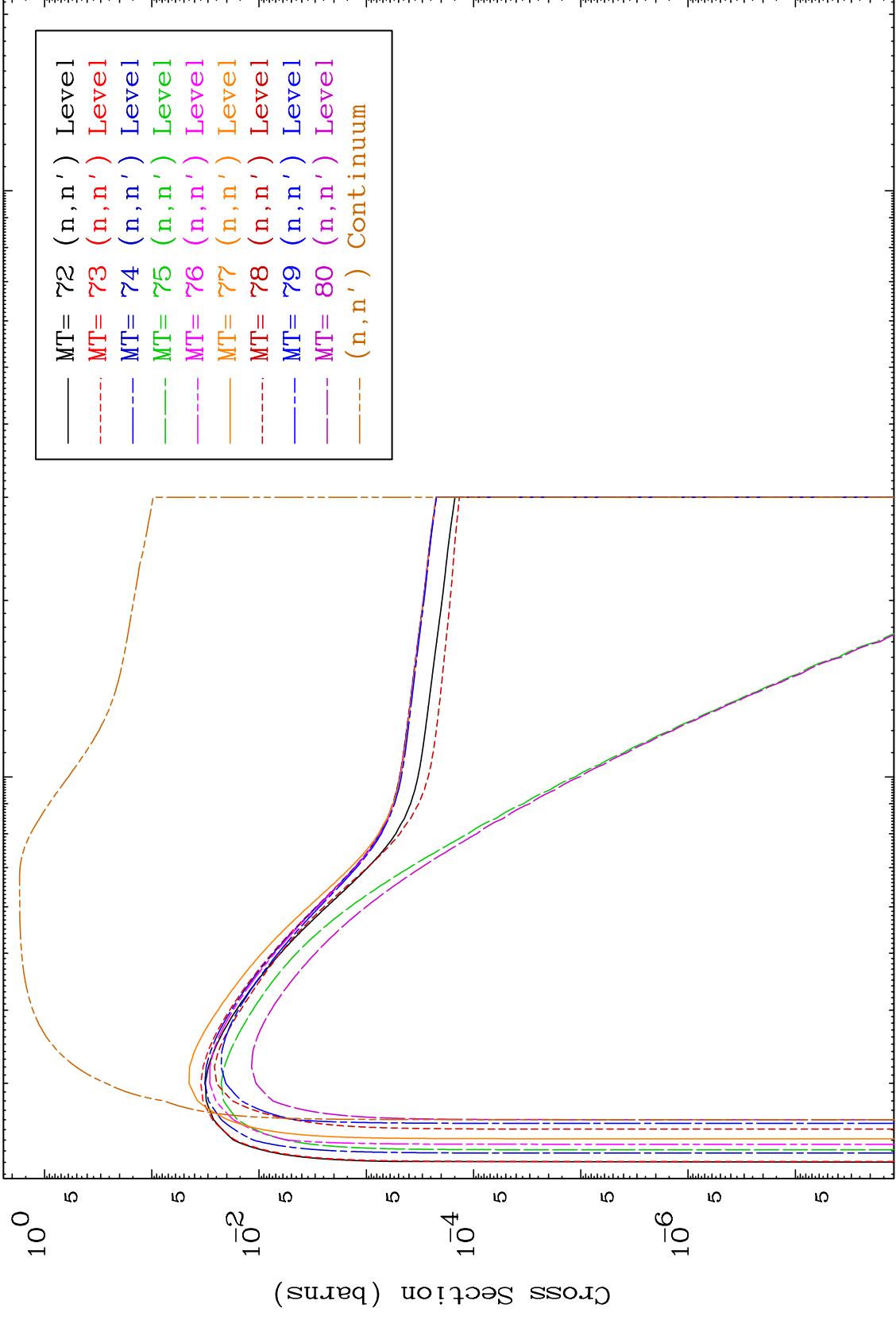


8

Incident Energy (MeV)

34-Se-81

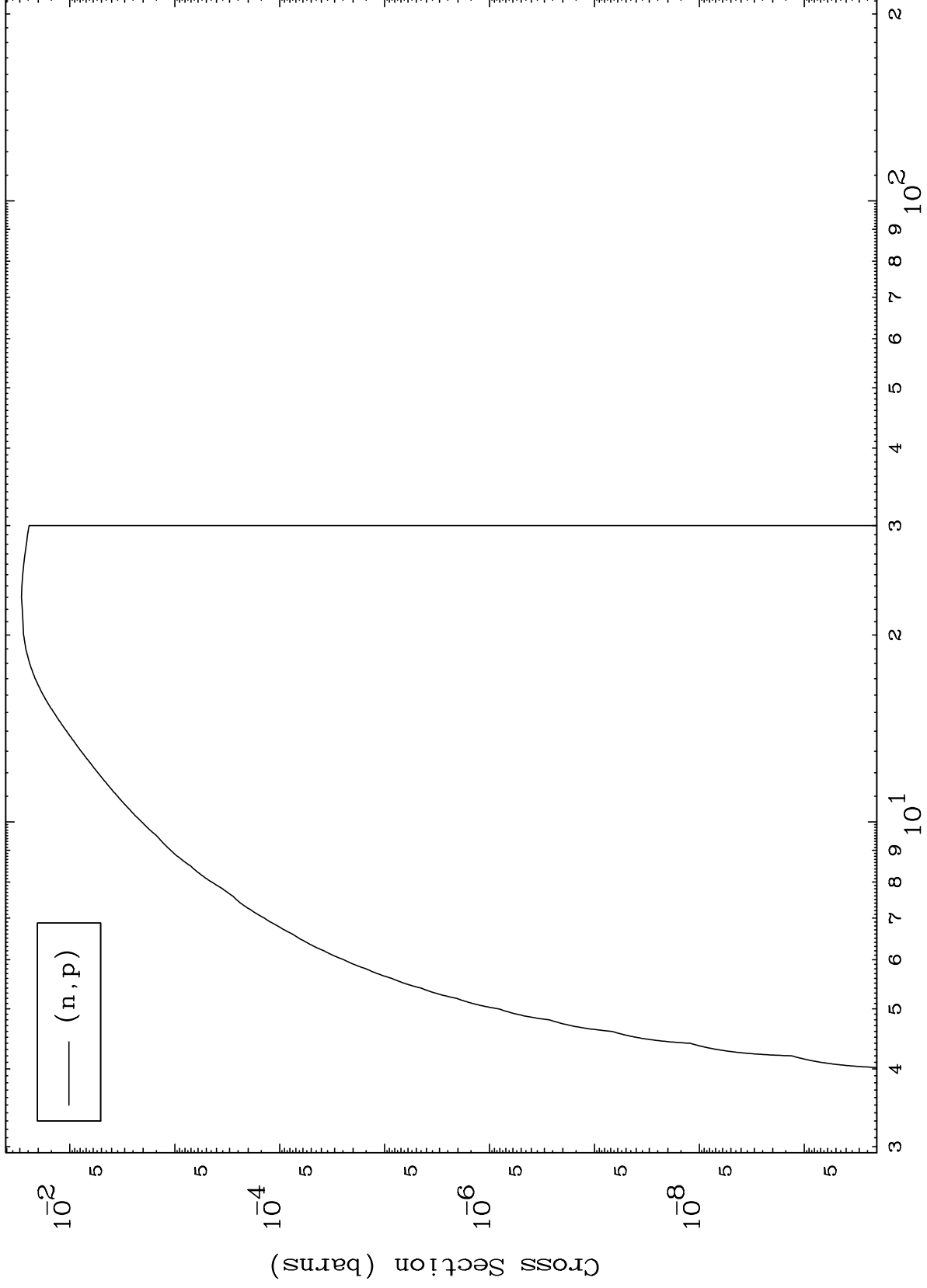
293 Kelvin Cross Sections



MAT 3446

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-81



10

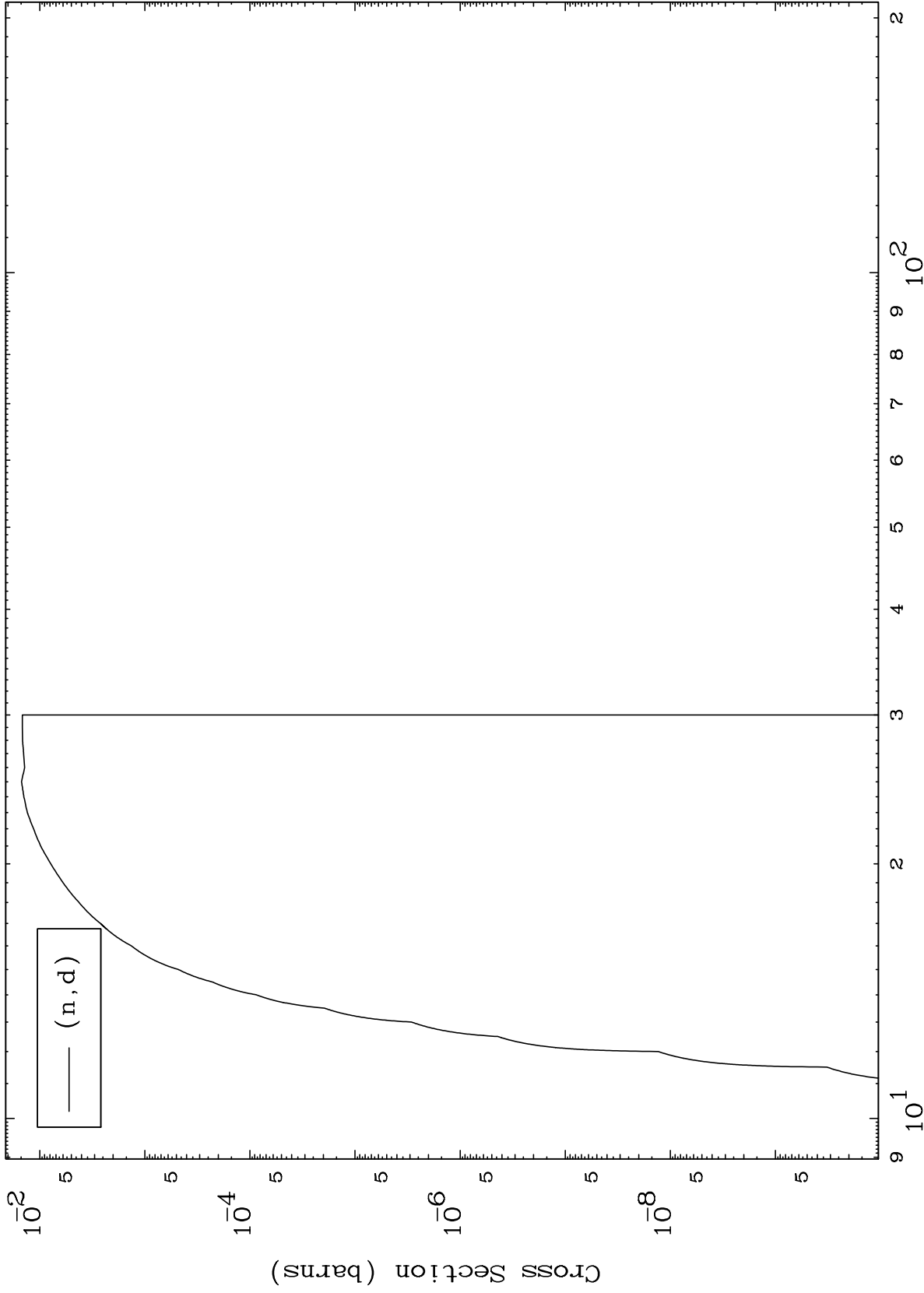
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-81



11

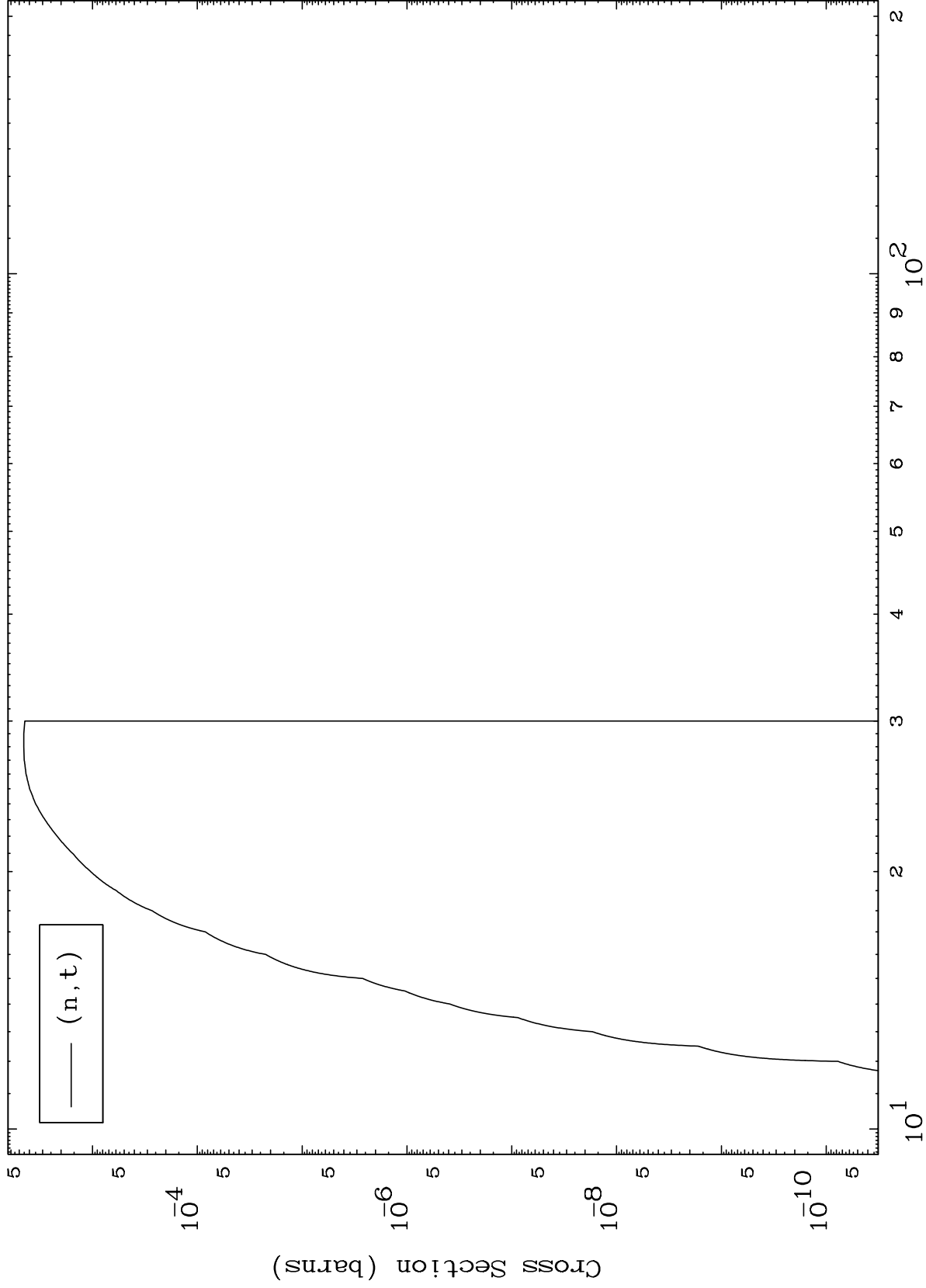
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-81



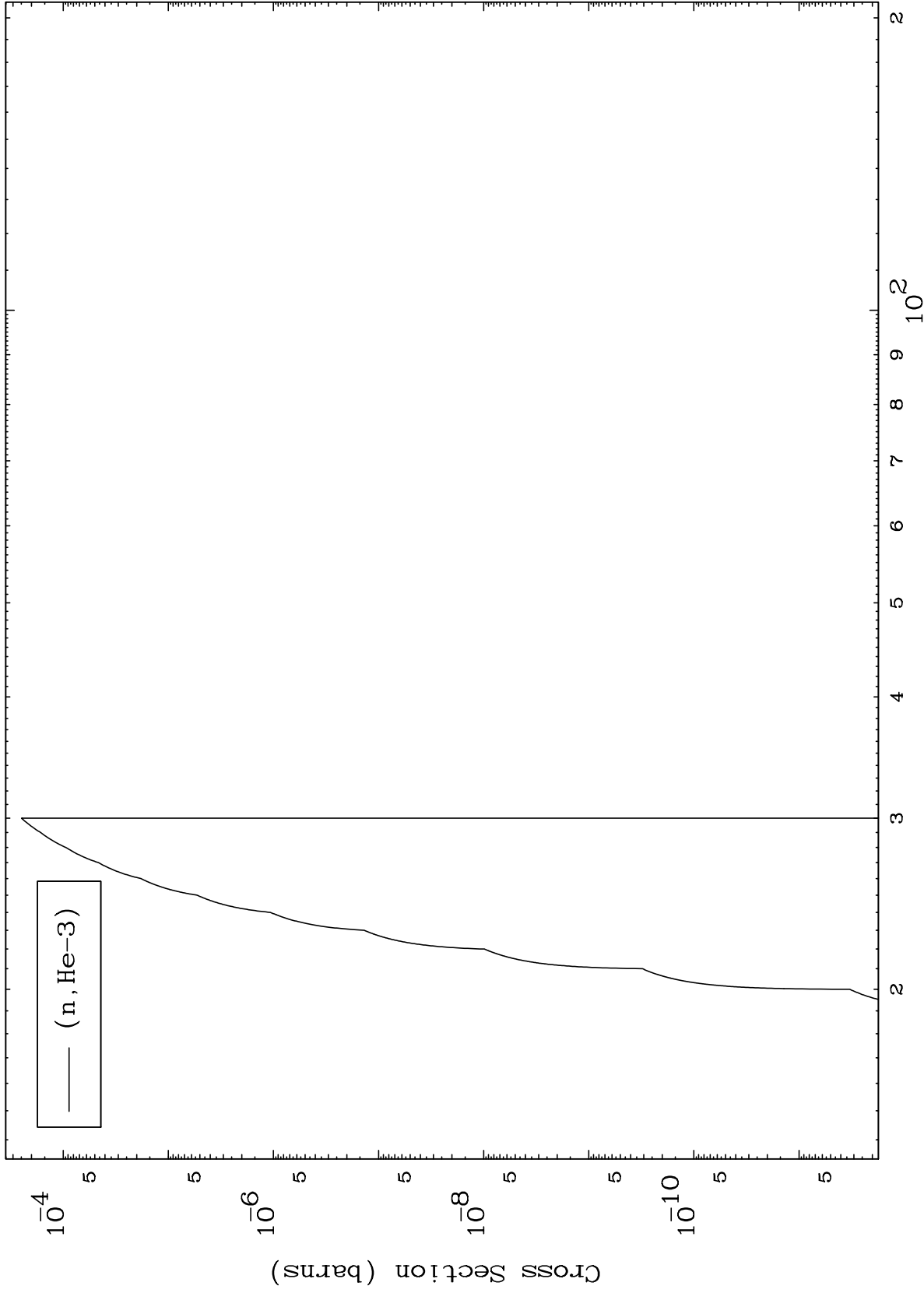
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,He3) Levels
293 Kelvin Cross Sections

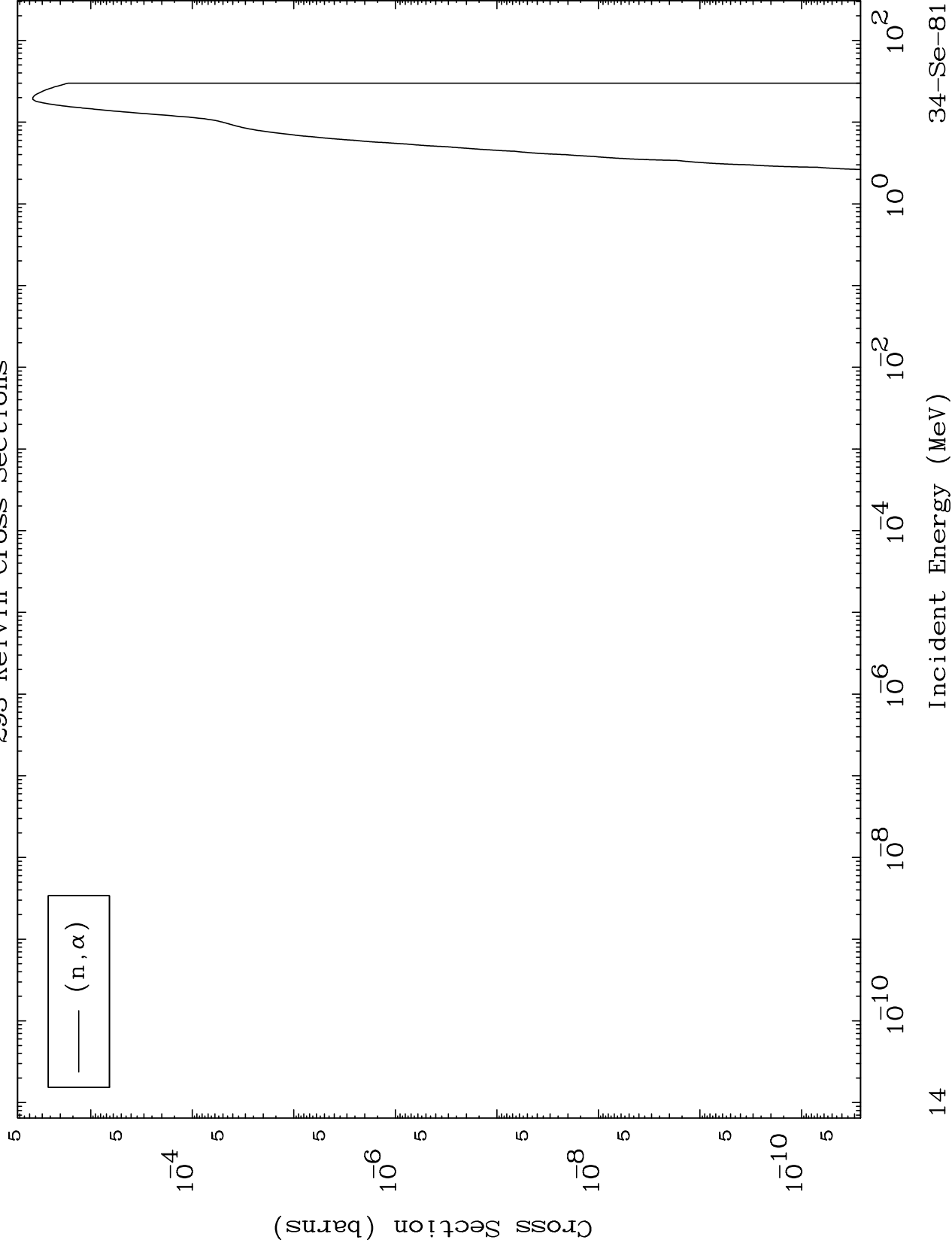
34-Se-81

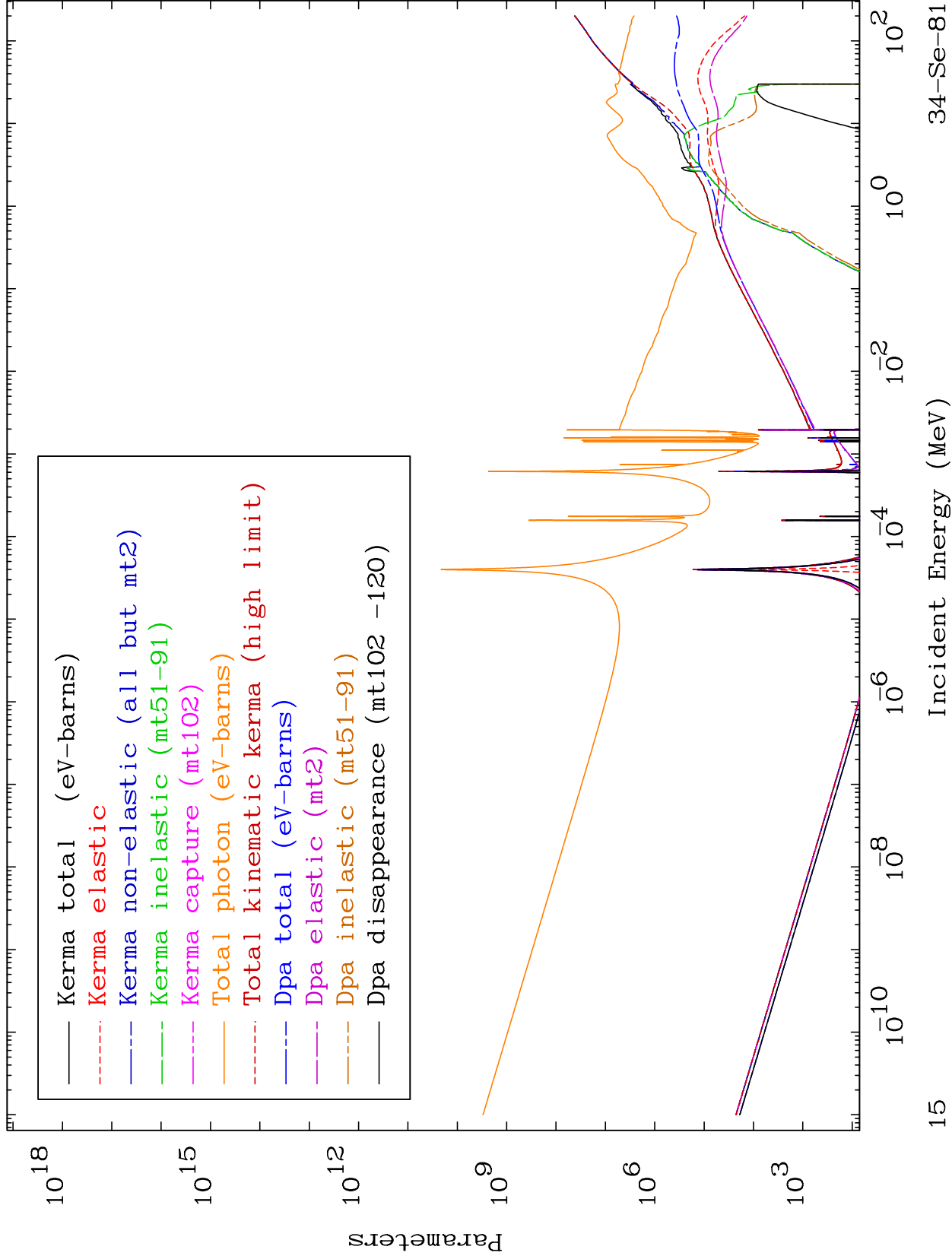


MAT 3446

(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-81

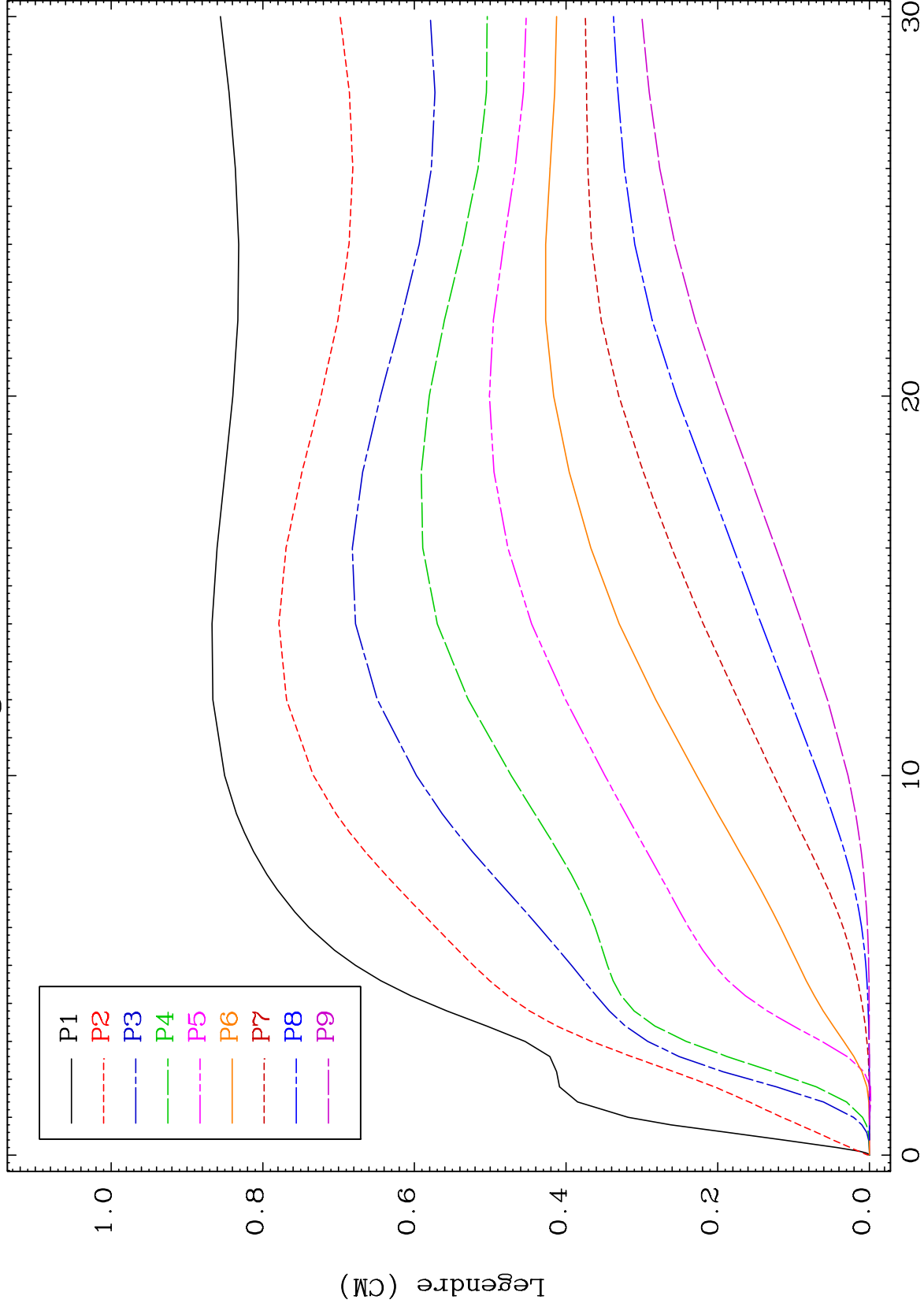




MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



16

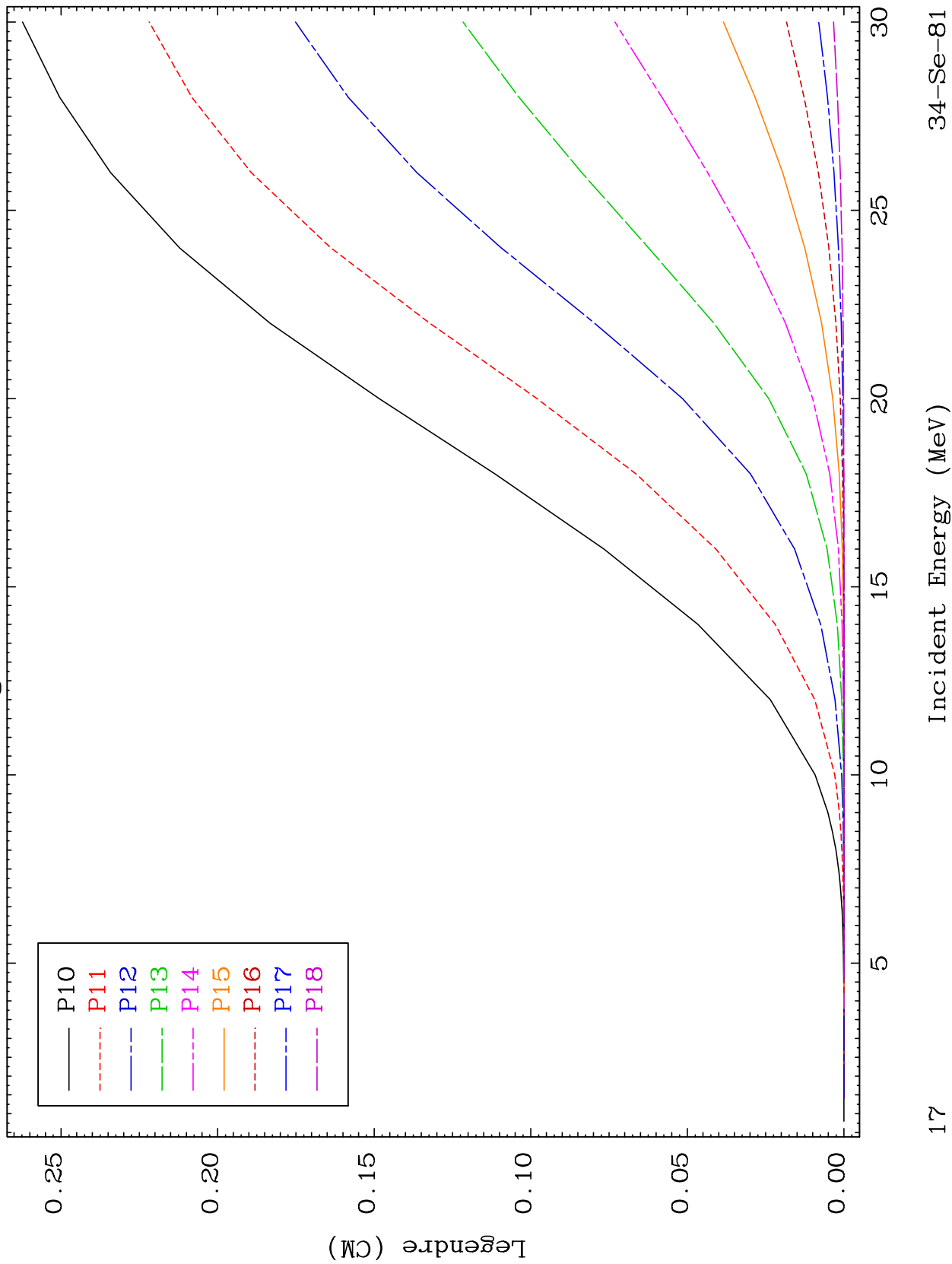
Incident Energy (MeV)

³⁴Se-81

MAT 3446

Elastic Legendre Coefficients

³⁴Se-81

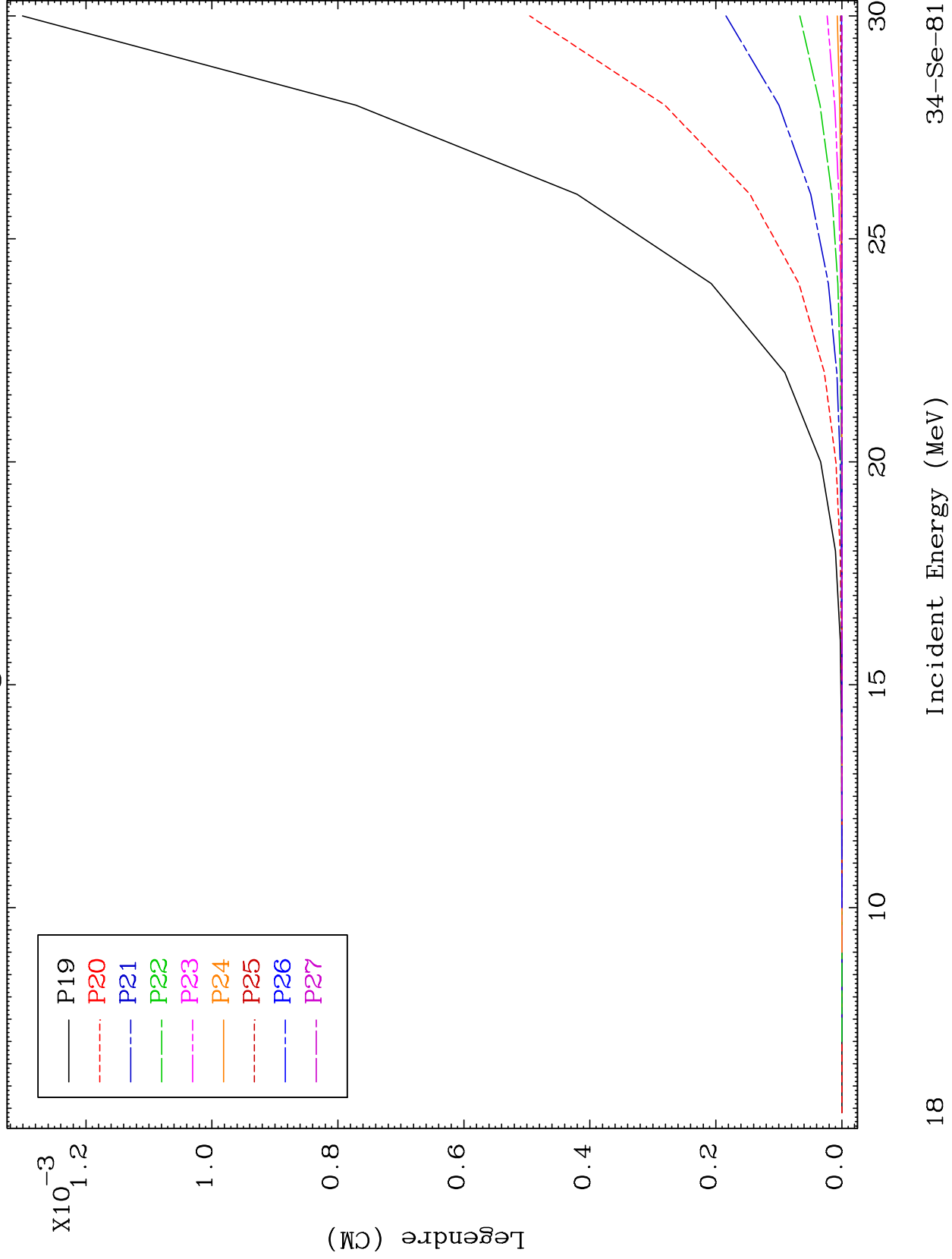


17

MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



18

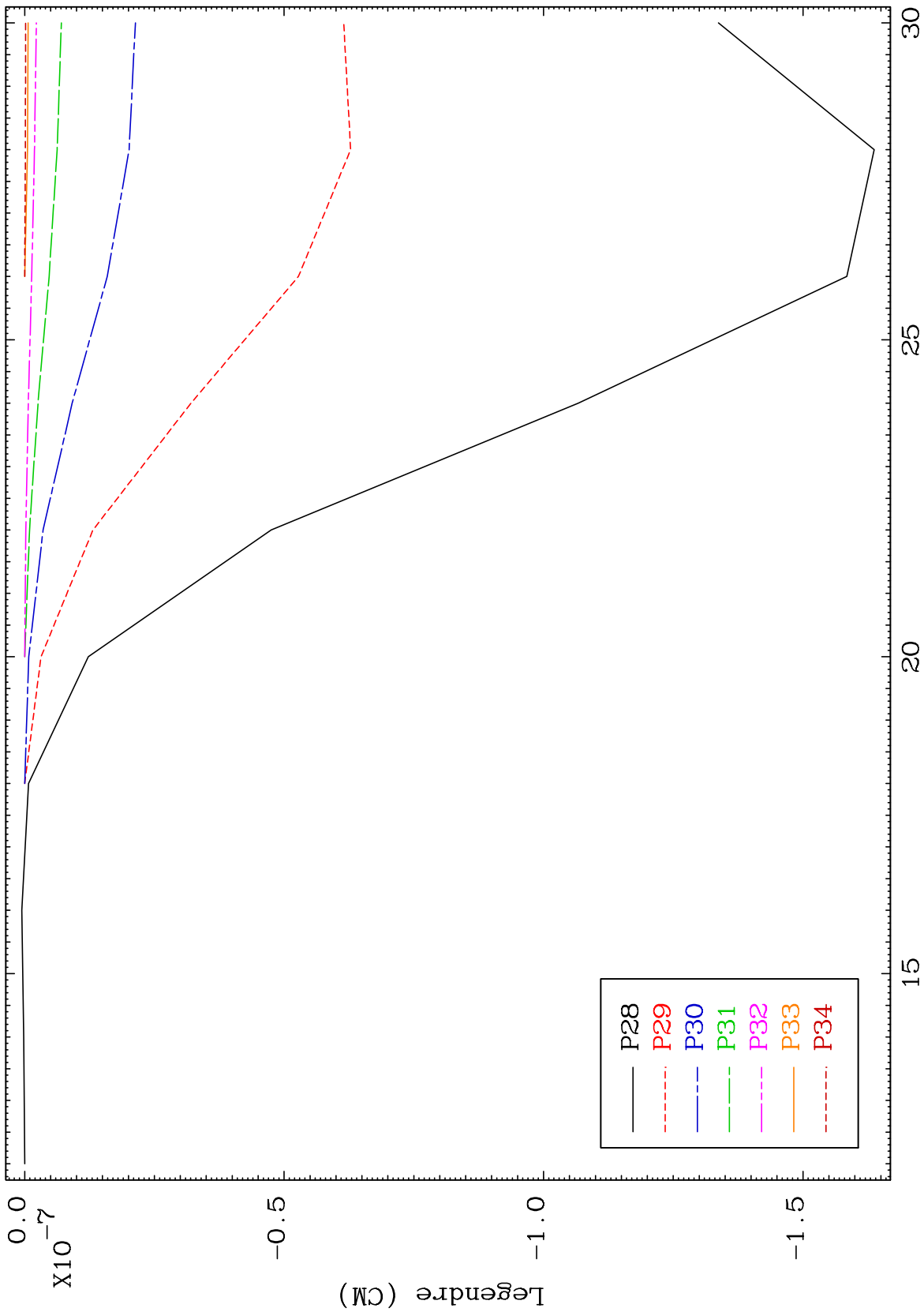
Incident Energy (MeV)

³⁴Se-81

MAT 3446

34-Se-81

Elastic Legendre Coefficients



0.0

$\times 10^{-7}$

-0.5

-1.0

-1.5

Legendre (CM)

15

20

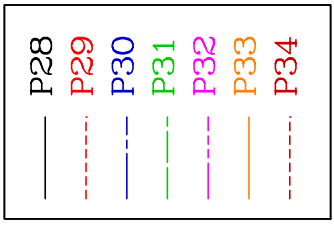
25

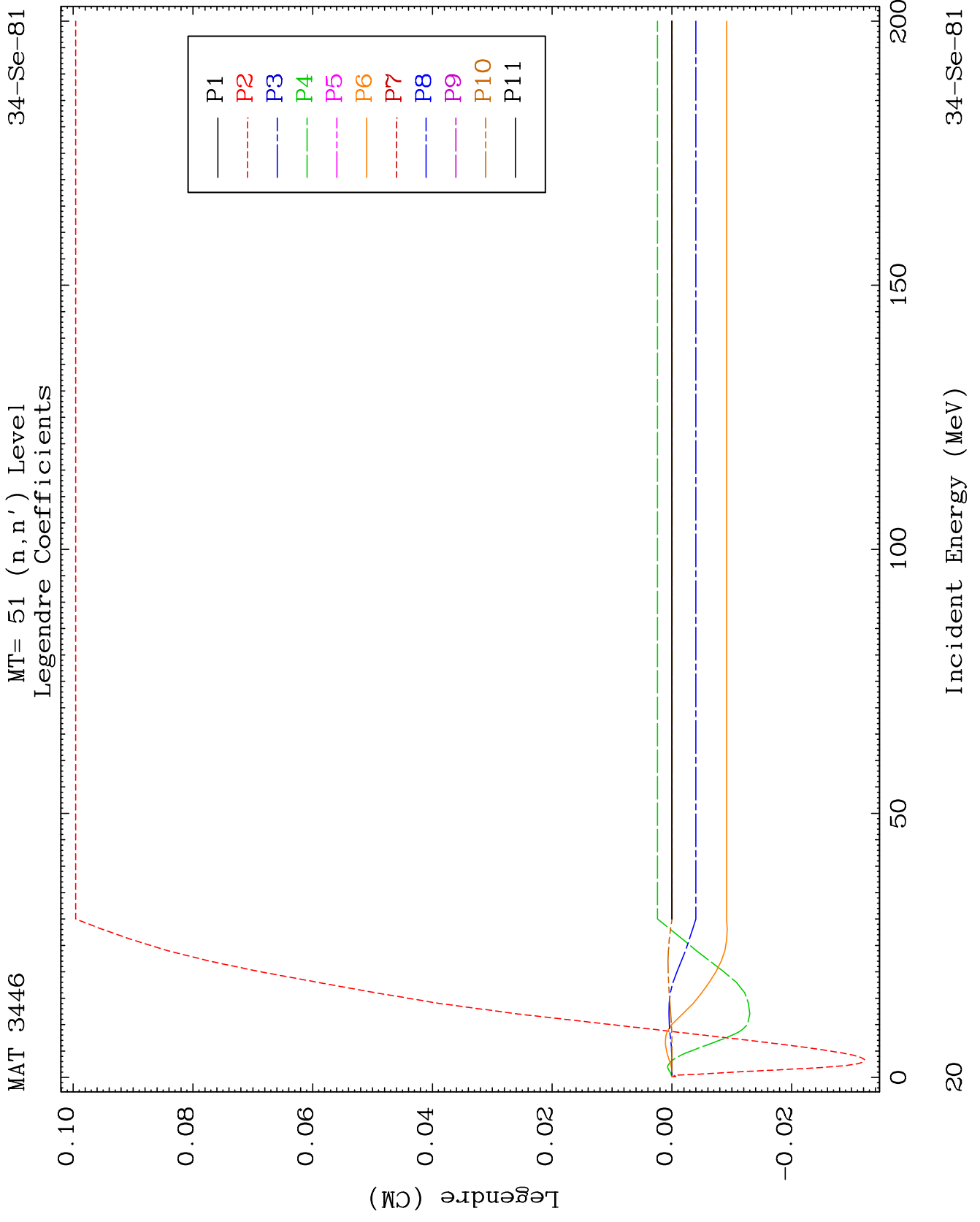
30

19

Incident Energy (MeV)

34-Se-81

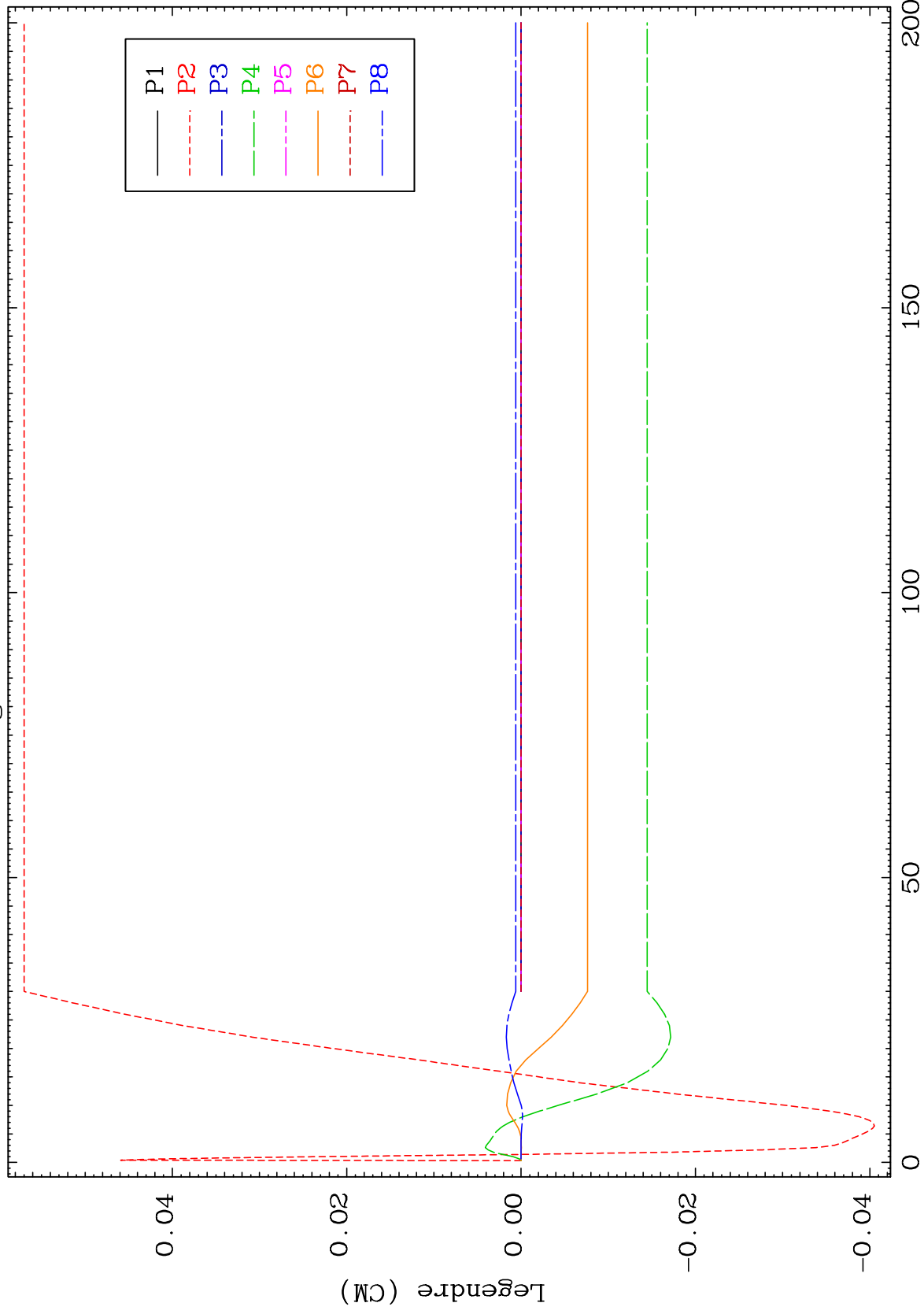




MAT 3446

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

³⁴Se-81



22

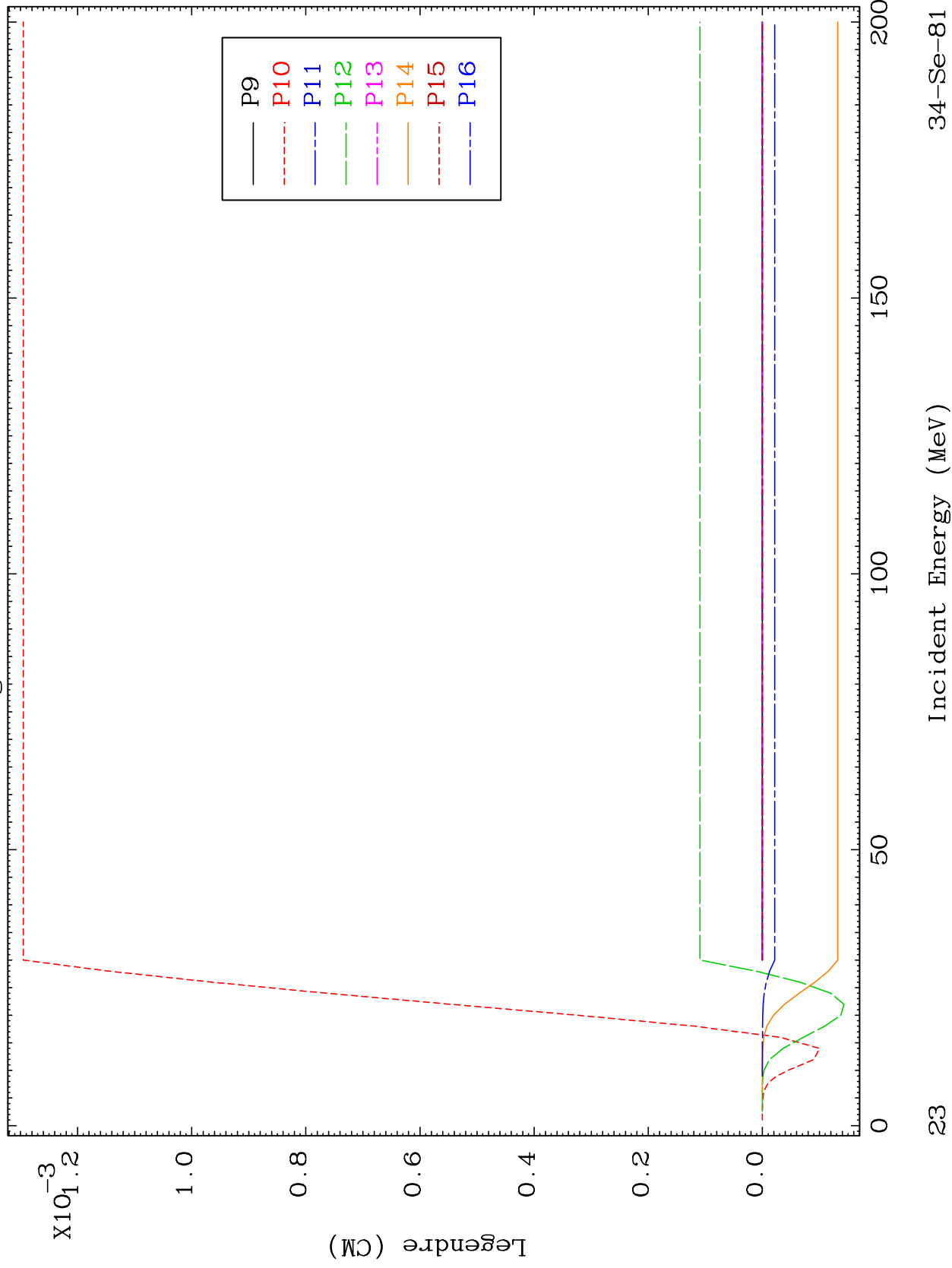
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

34-Se-81



23

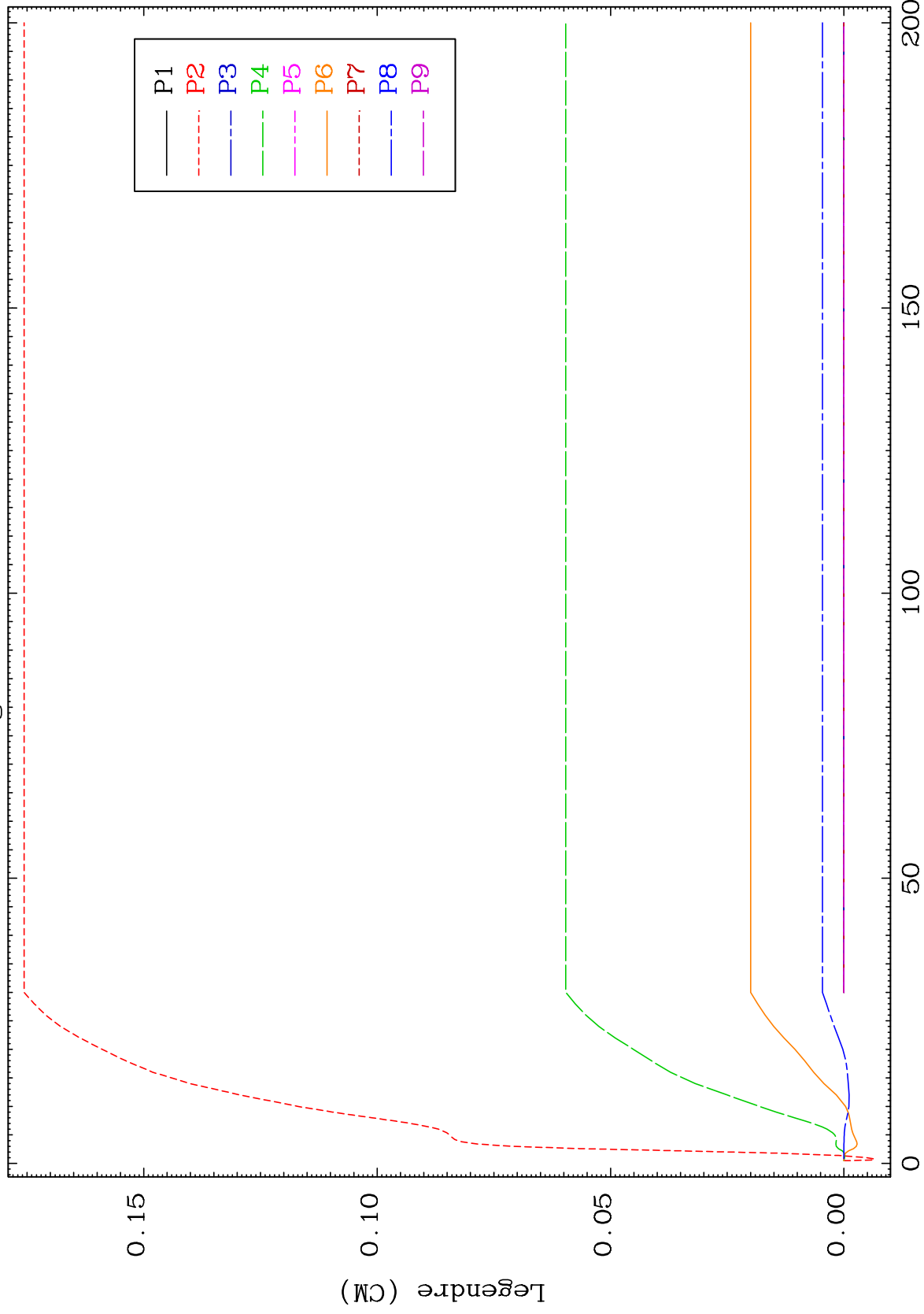
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



25

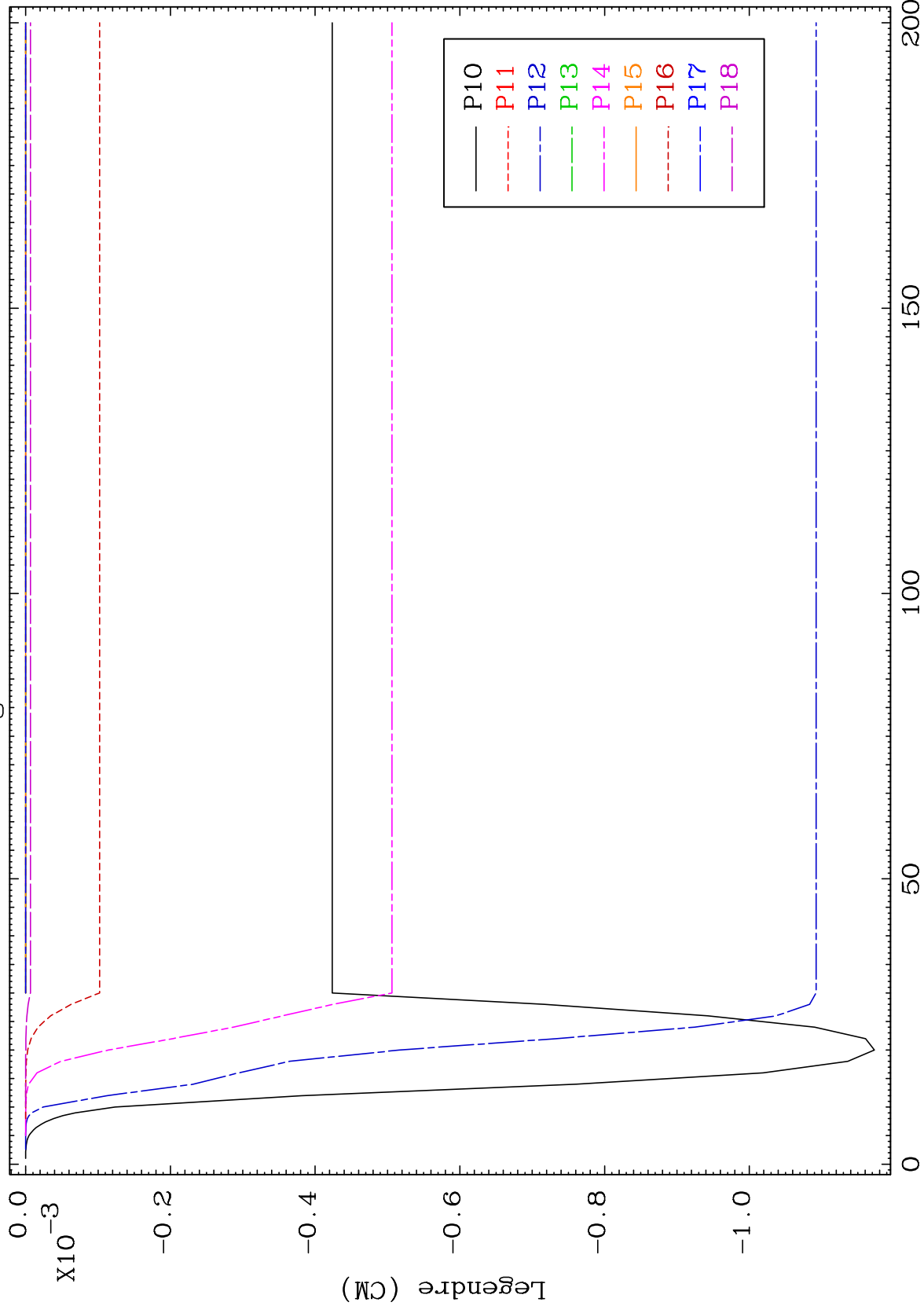
Incident Energy (MeV)

34-Se-81

MAT 3446

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

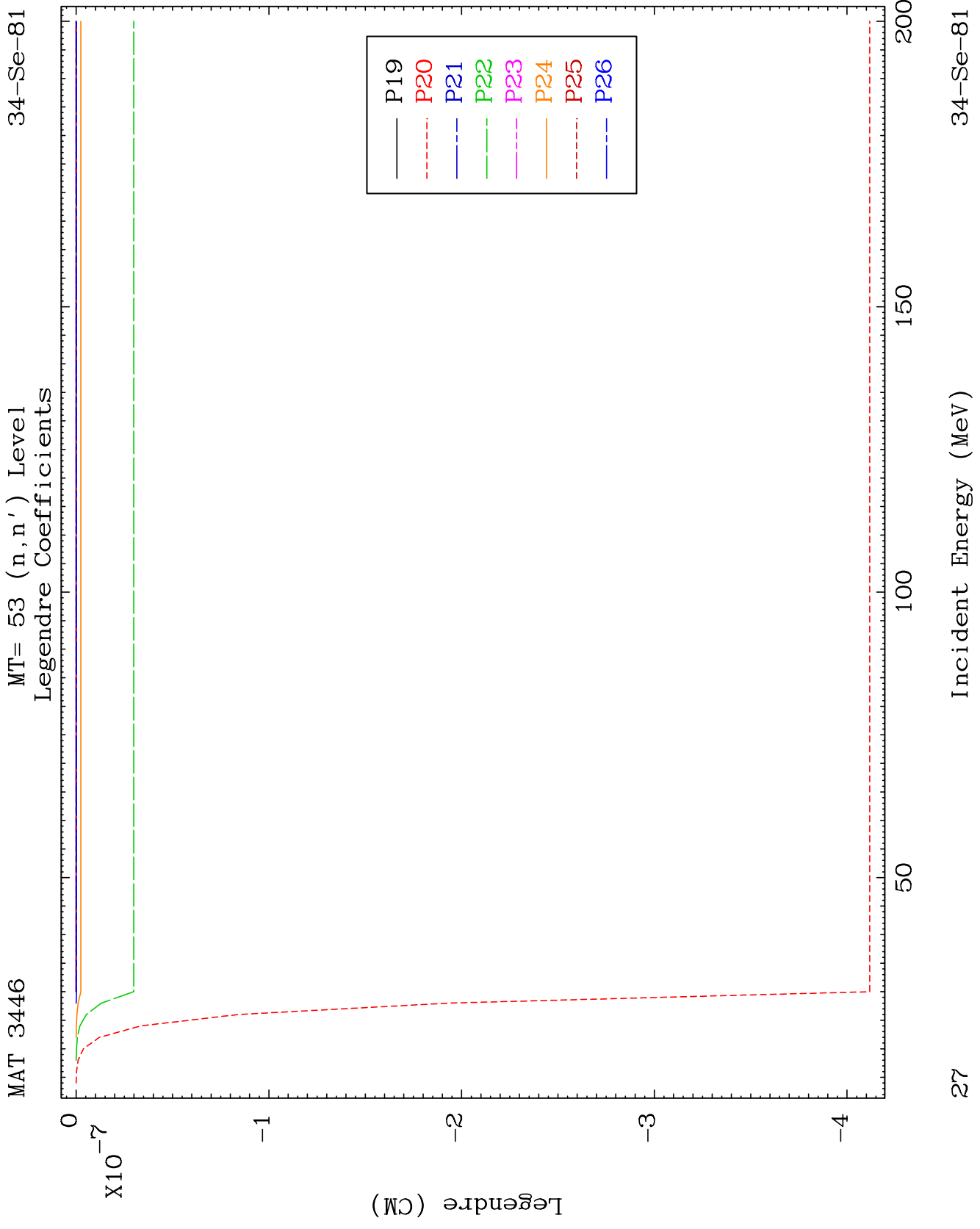
34-Se-81

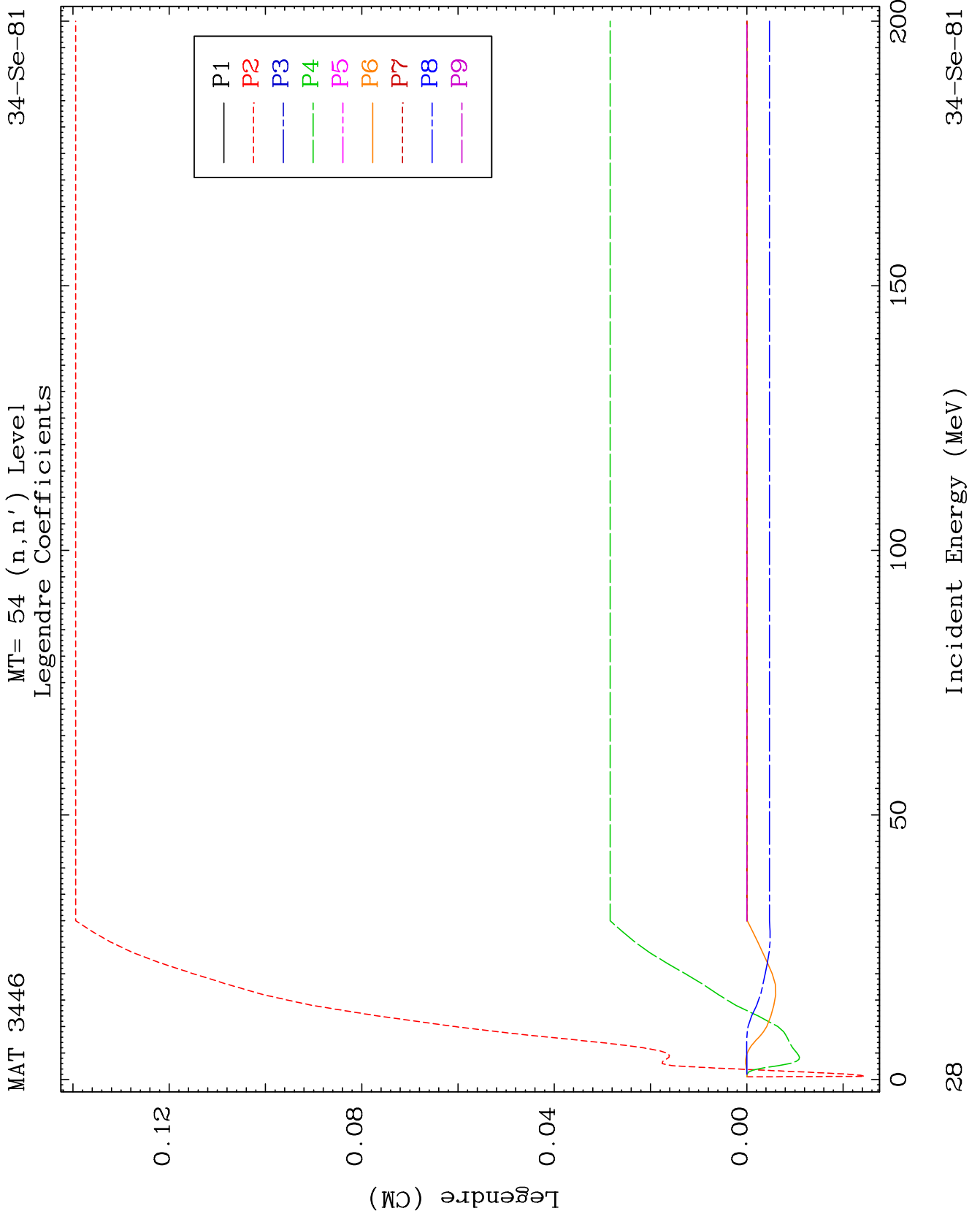


26

Incident Energy (MeV)

34-Se-81

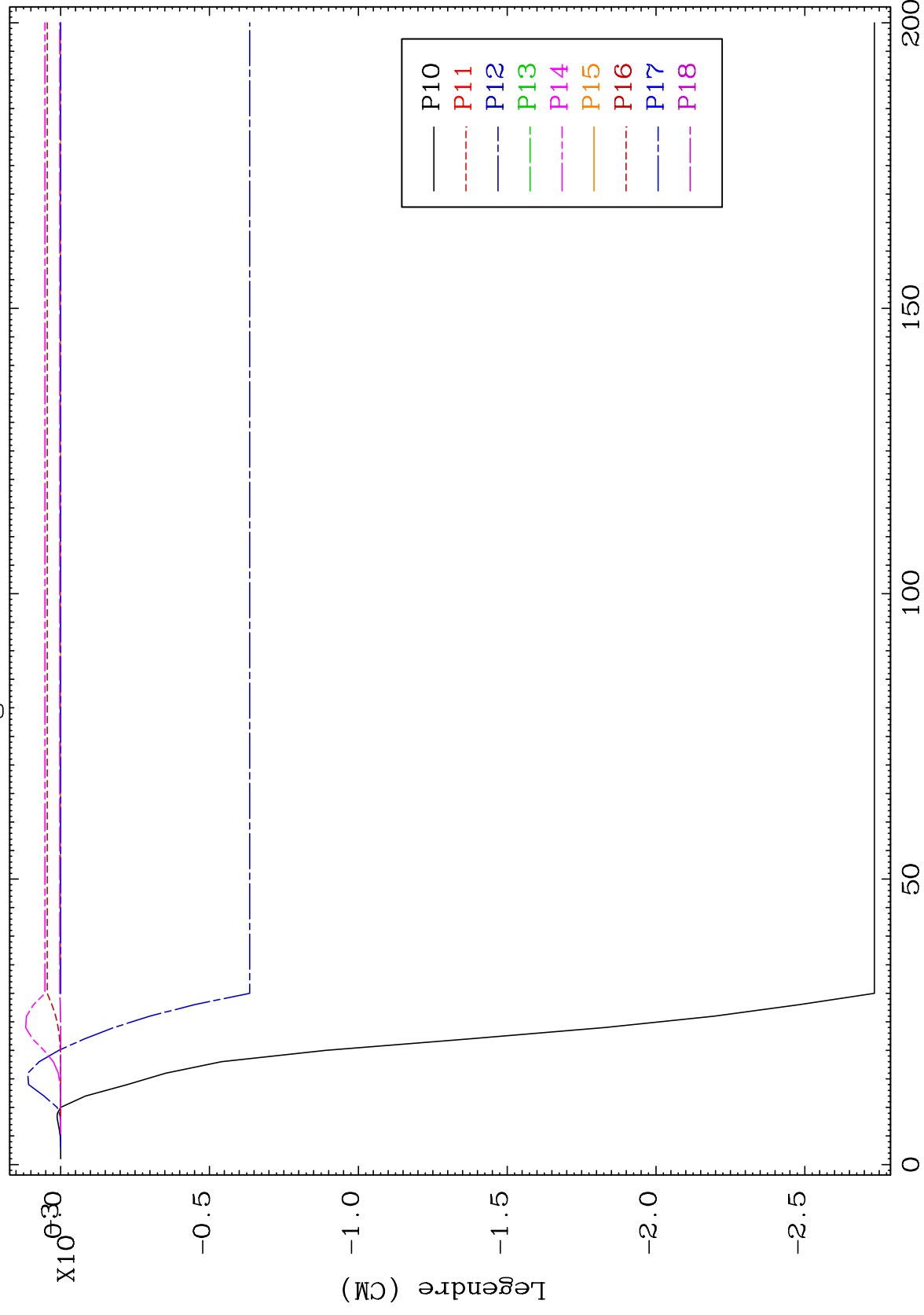


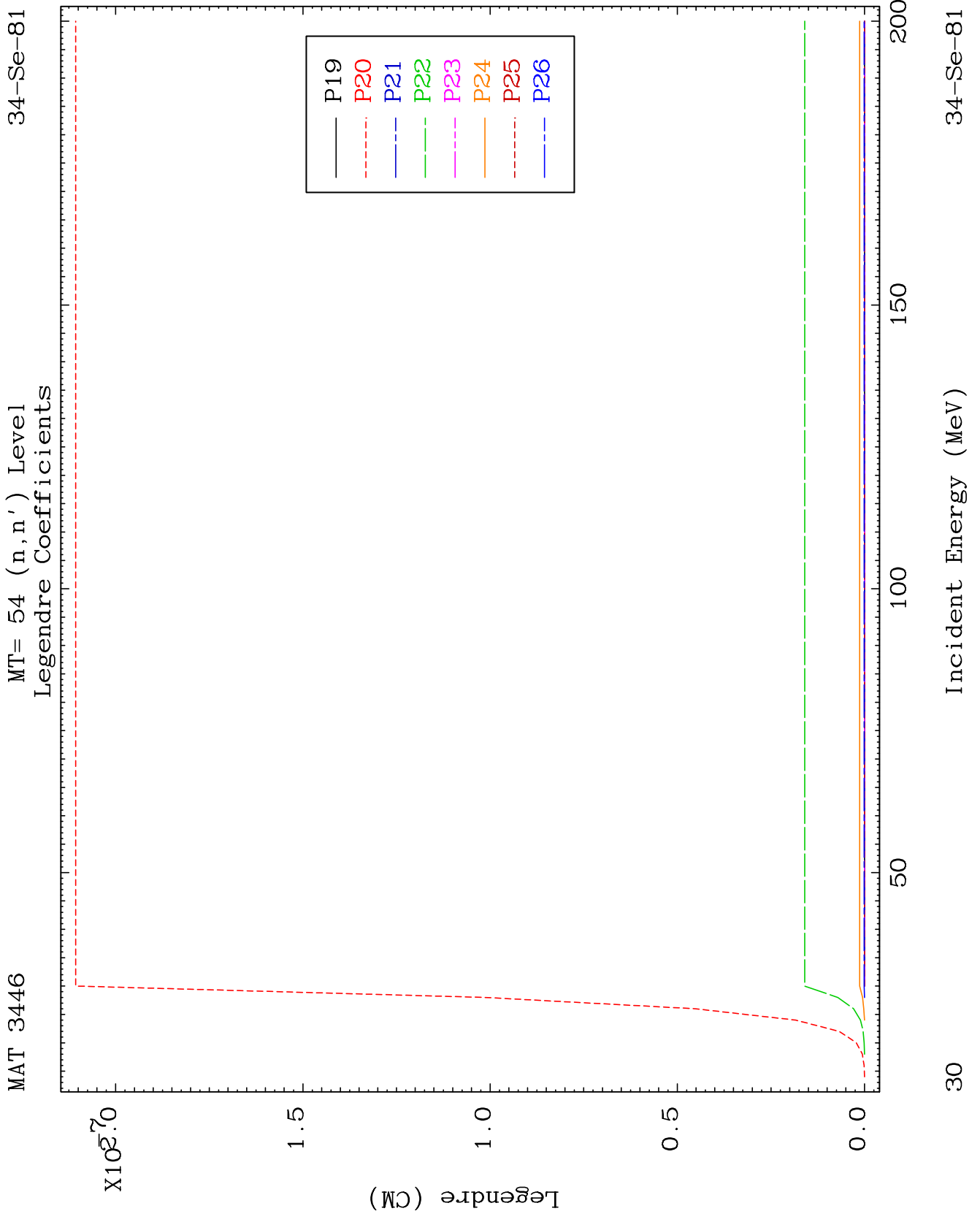


MAT 3446

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

34-Se-81

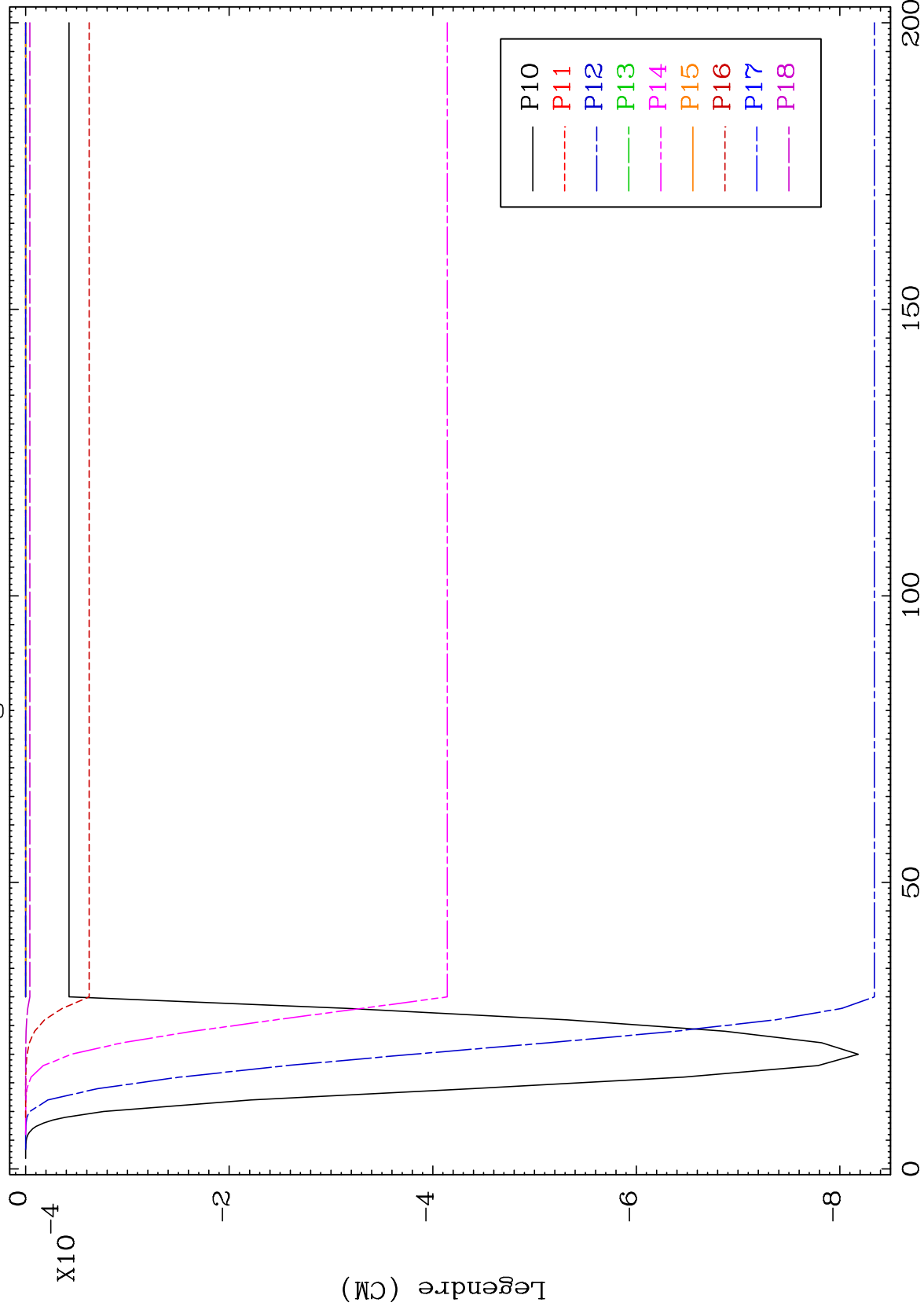




MAT 3446

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

34-Se-81



32

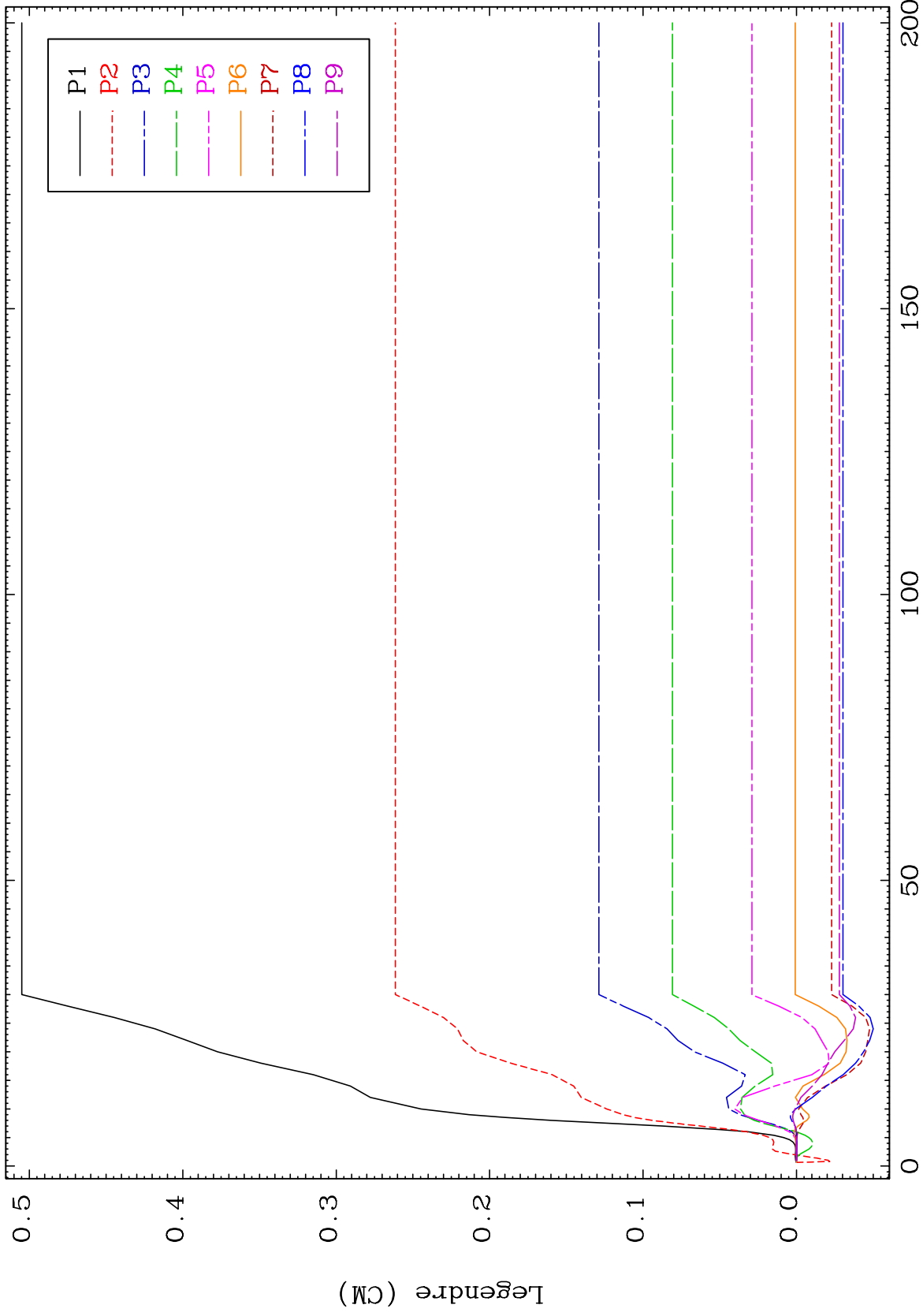
Incident Energy (MeV)

34-Se-81

MAT 3446

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

³⁴Se-81



34

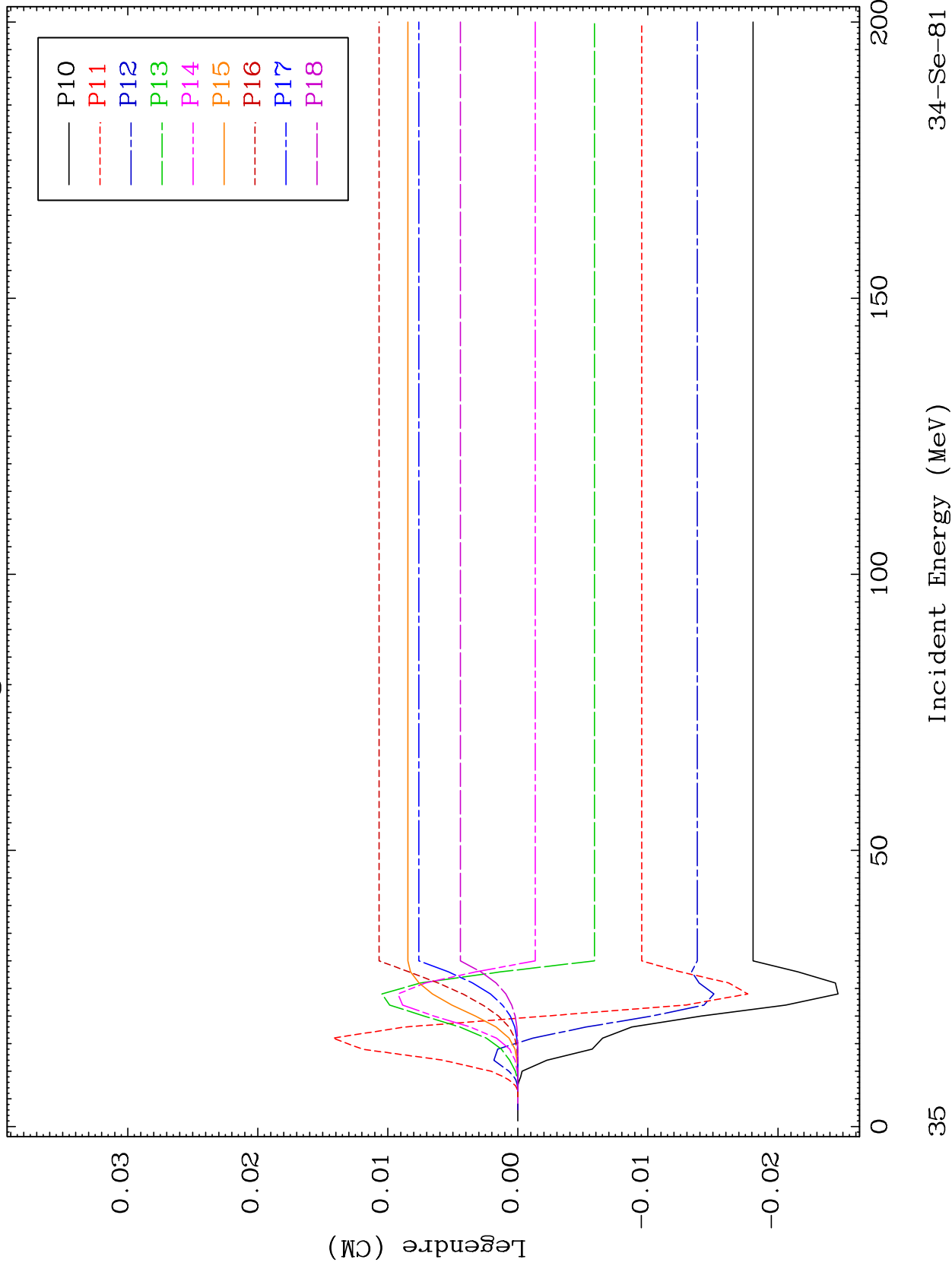
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

34-Se-81



34-Se-81

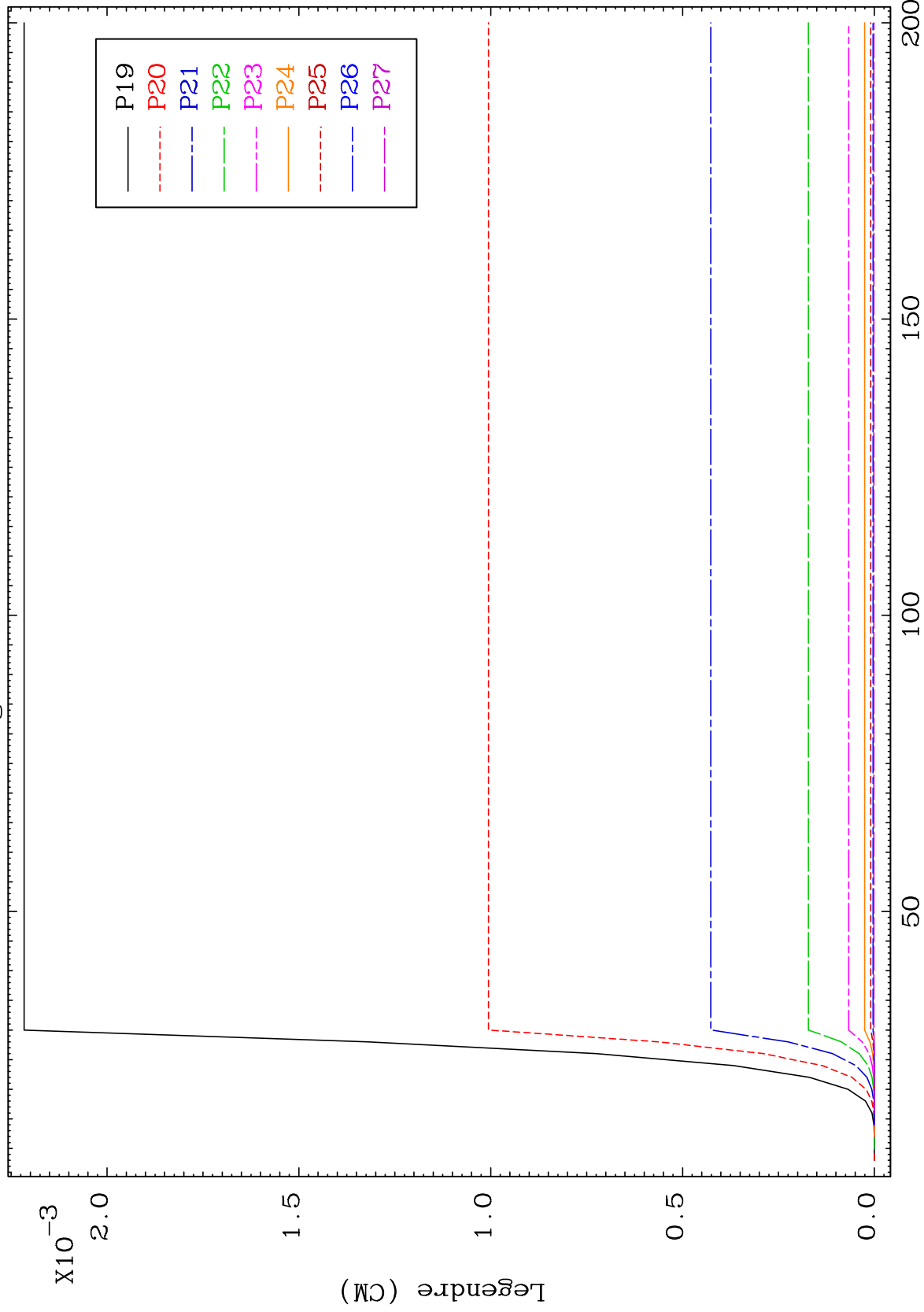
Incident Energy (MeV)

35

MAT 3446

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

³⁴Se-81



36

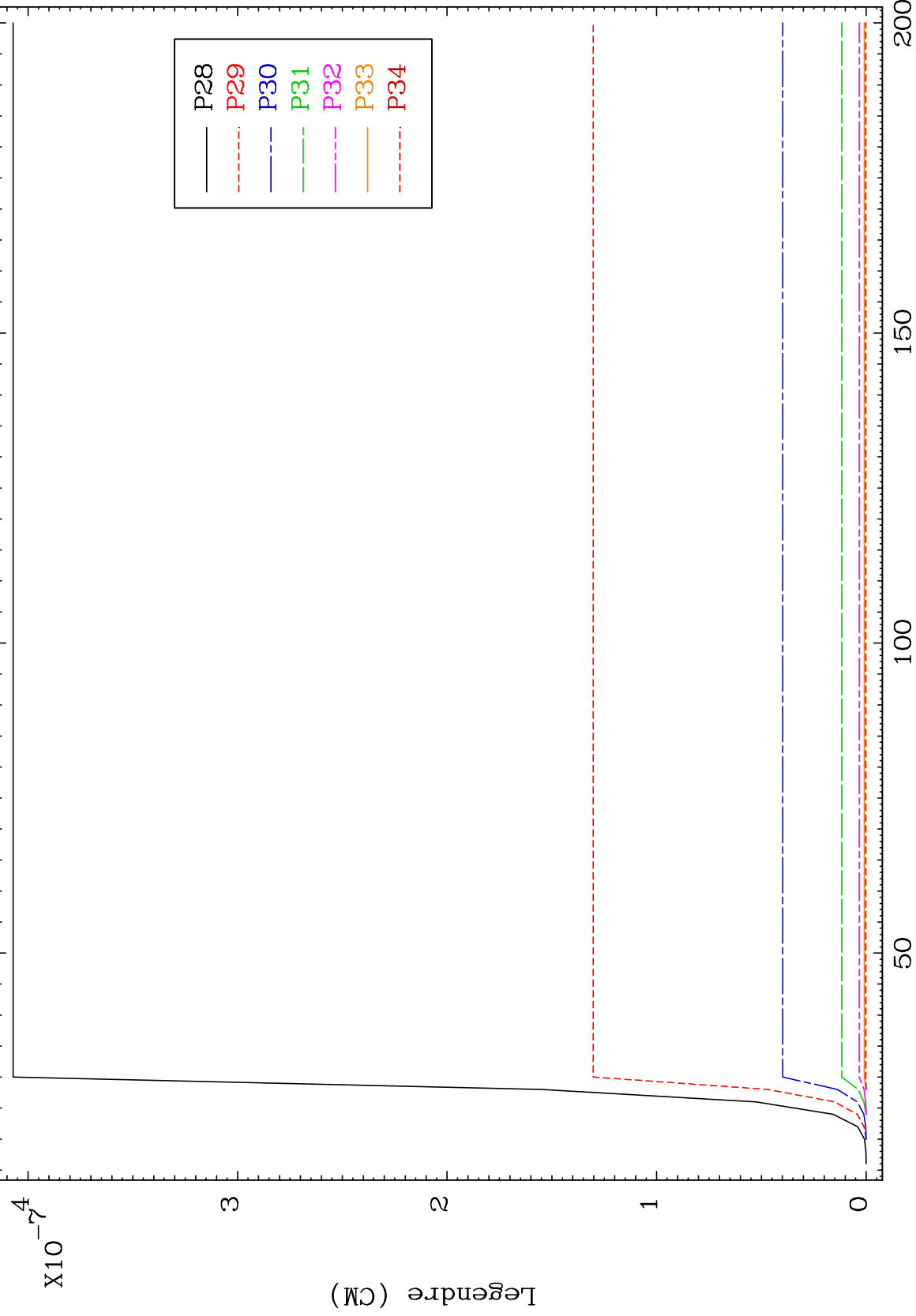
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

34-Se-81



37

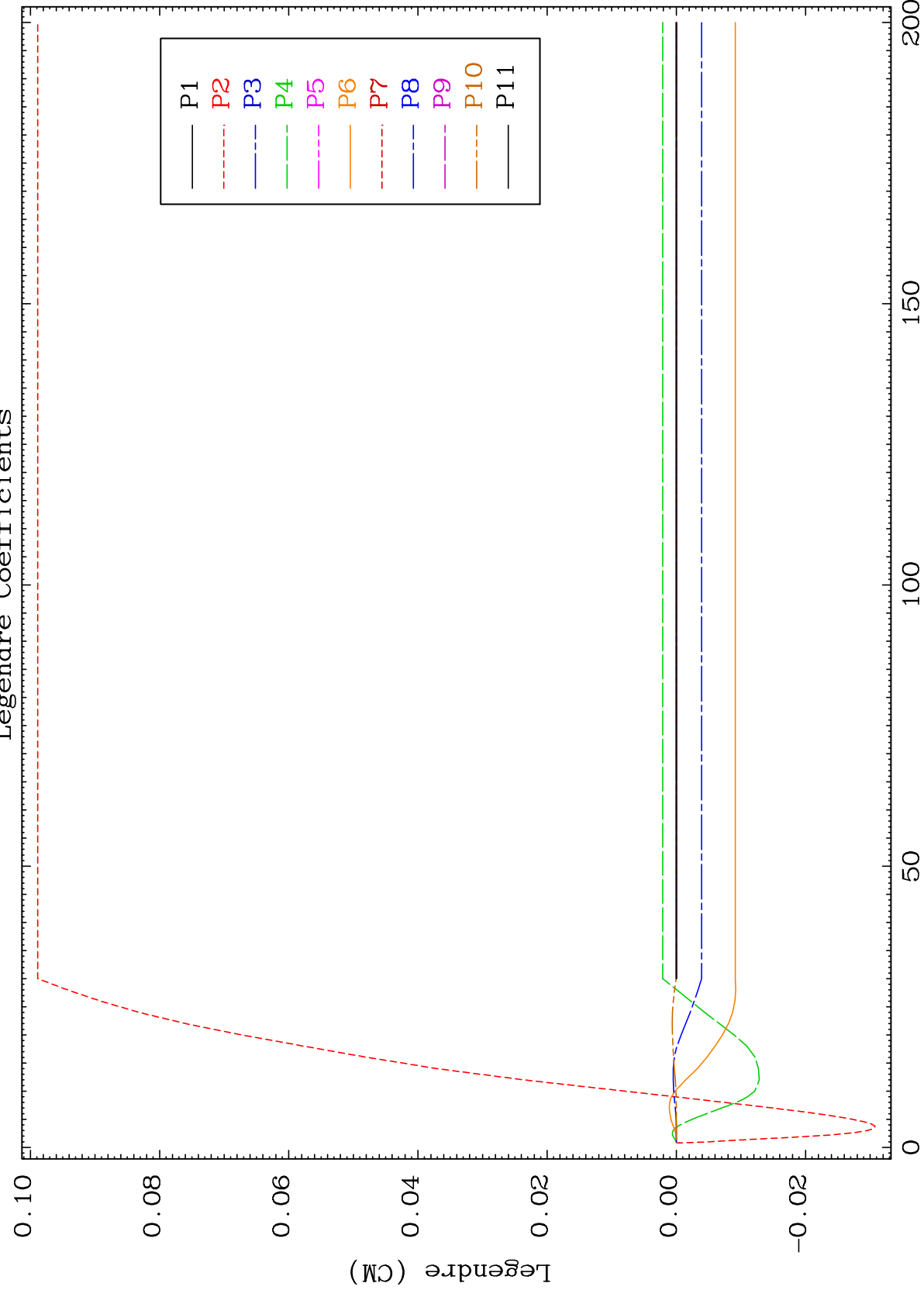
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



38

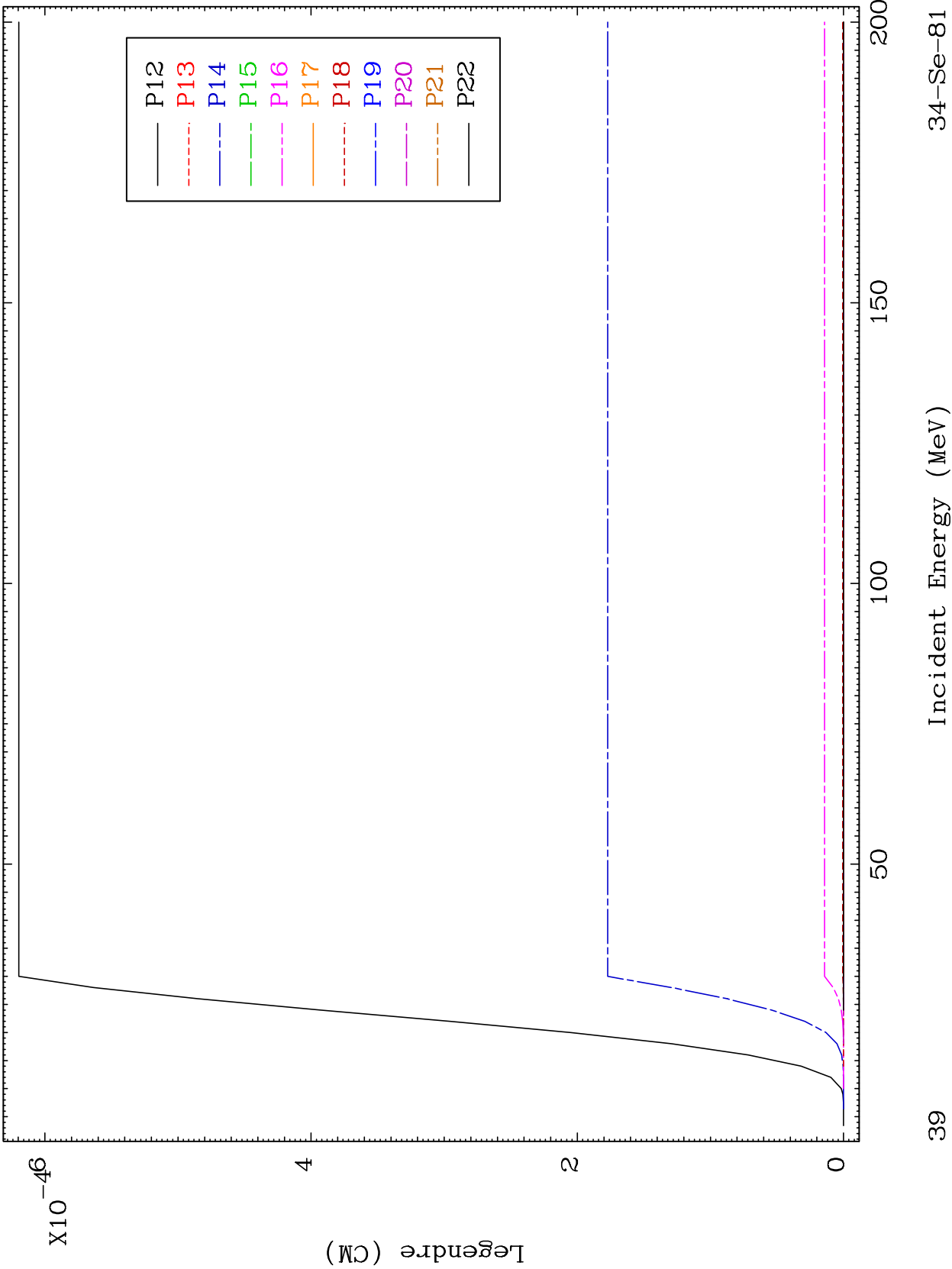
Incident Energy (MeV)

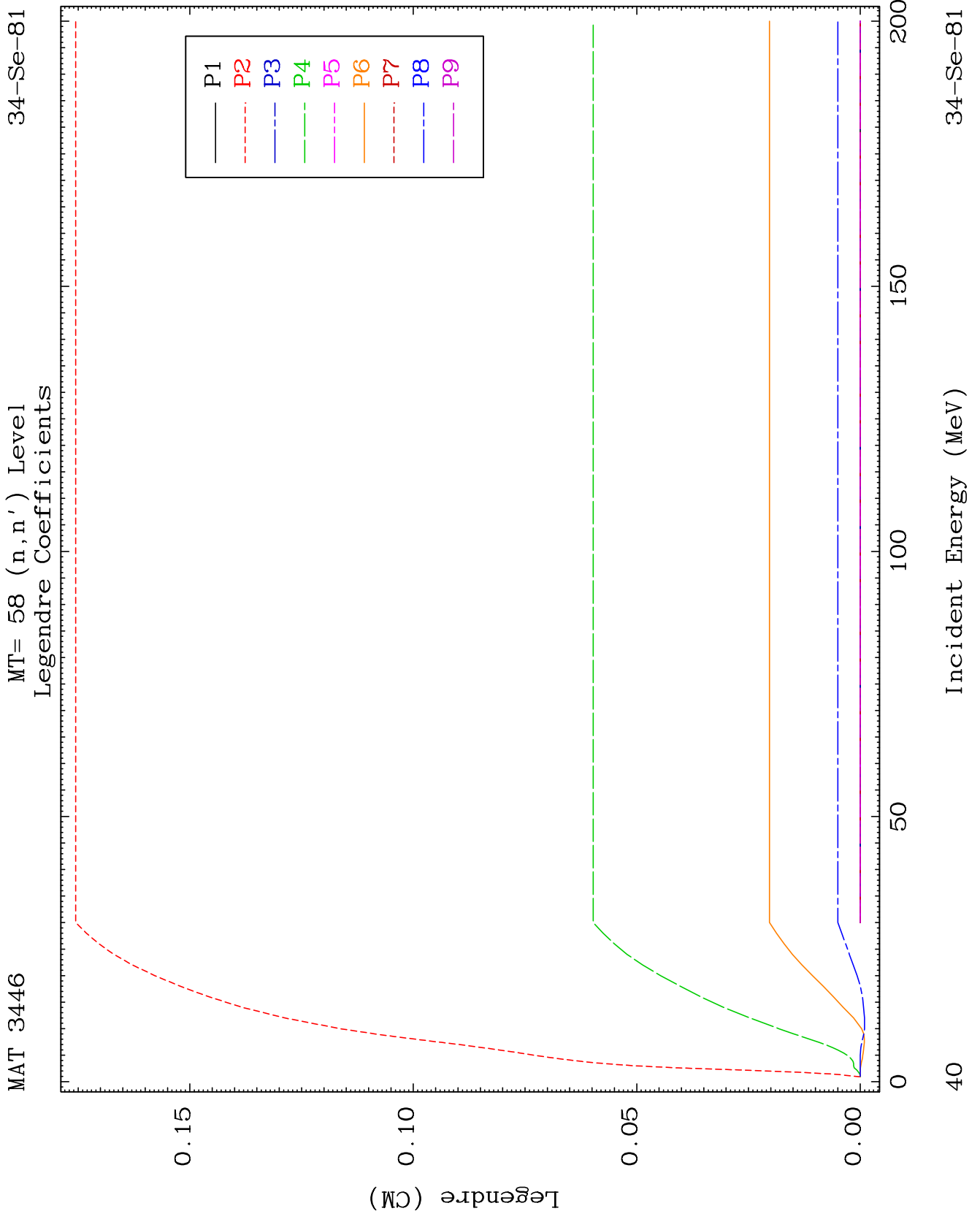
34-Se-81

MAT 3446

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

34-Se-81

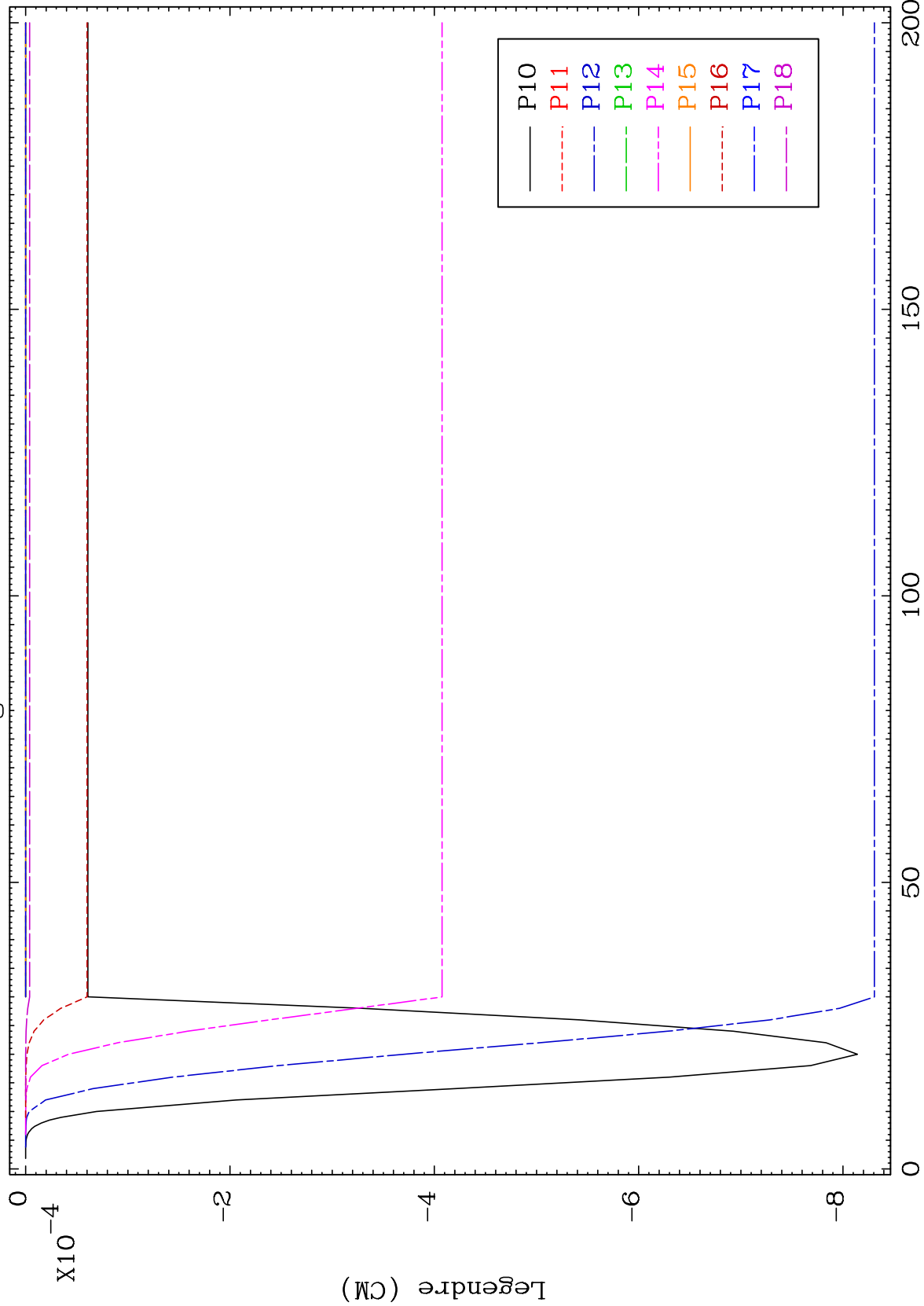




MAT 3446

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

³⁴Se-81



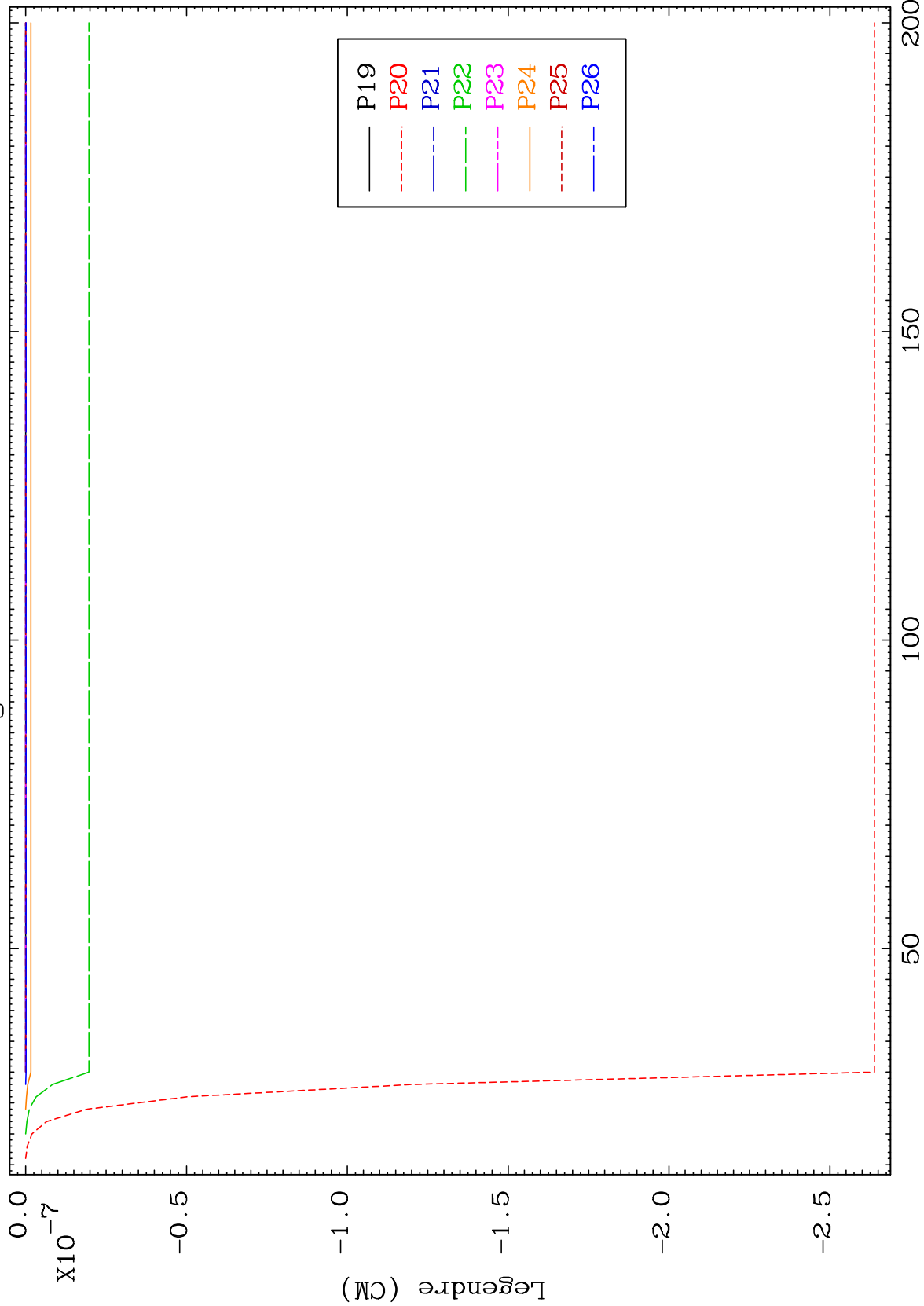
41

³⁴Se-81

MAT 3446

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

34-Se-81



42

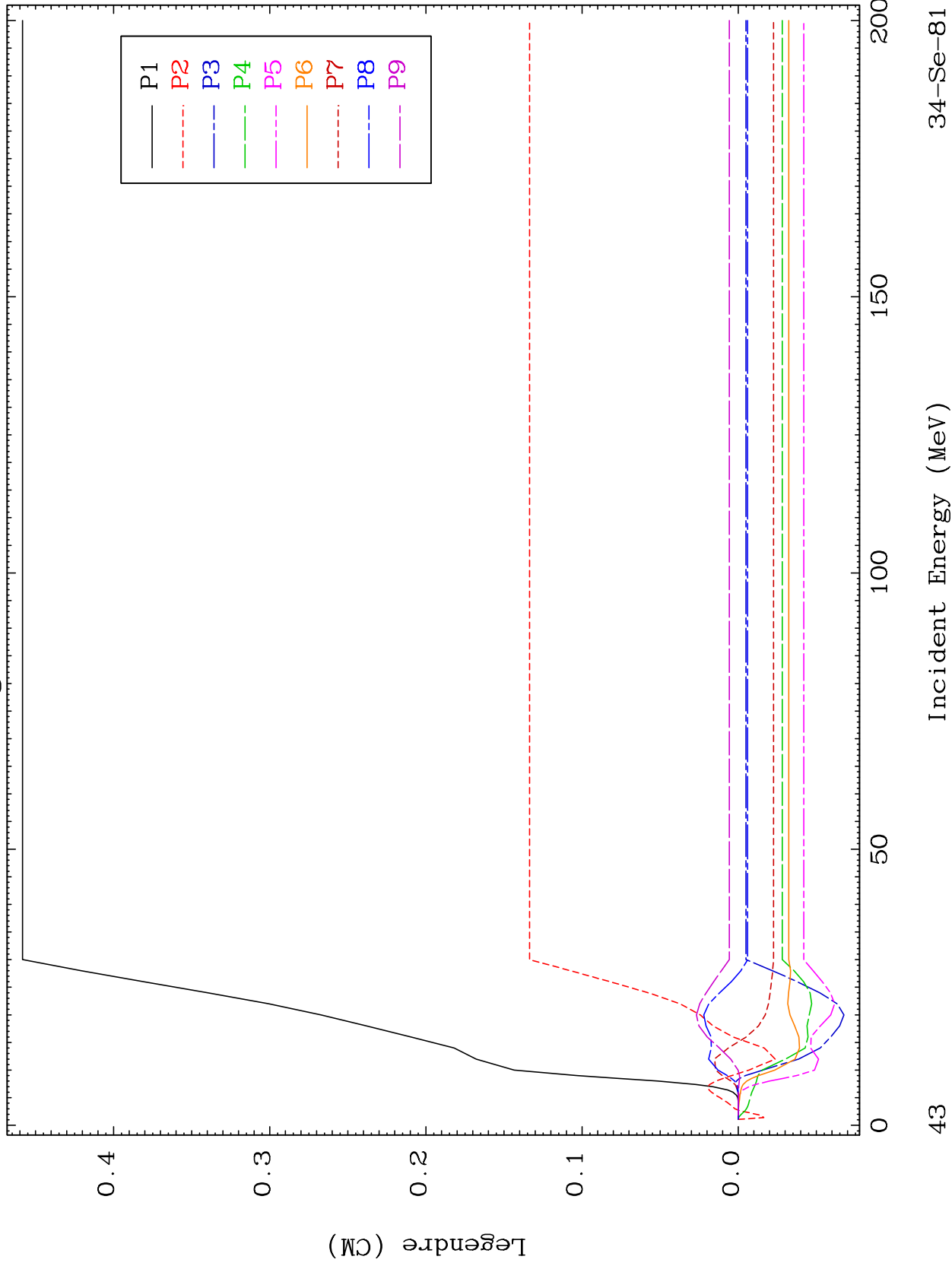
Incident Energy (MeV)

34-Se-81

MAT 3446

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

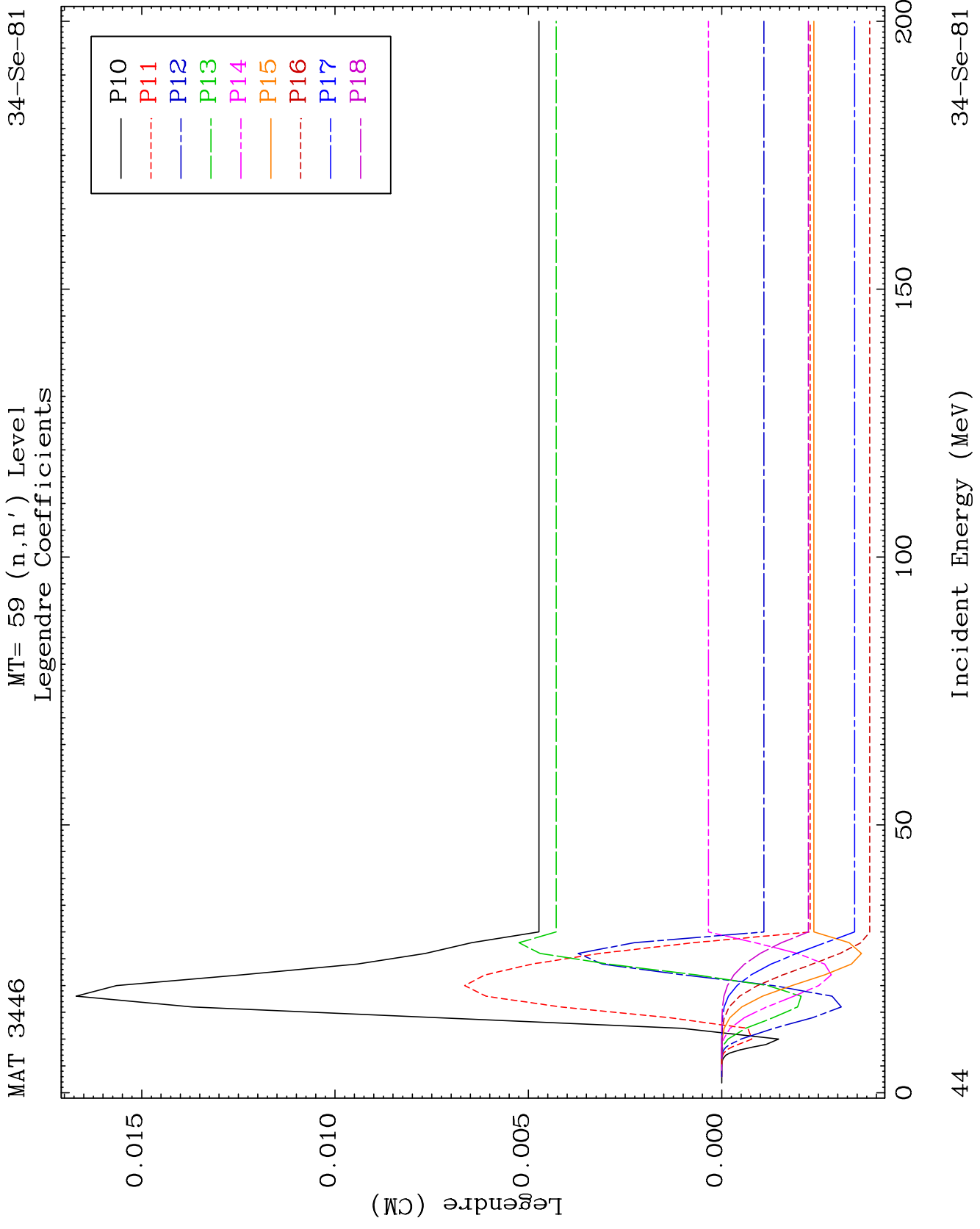
34-Se-81

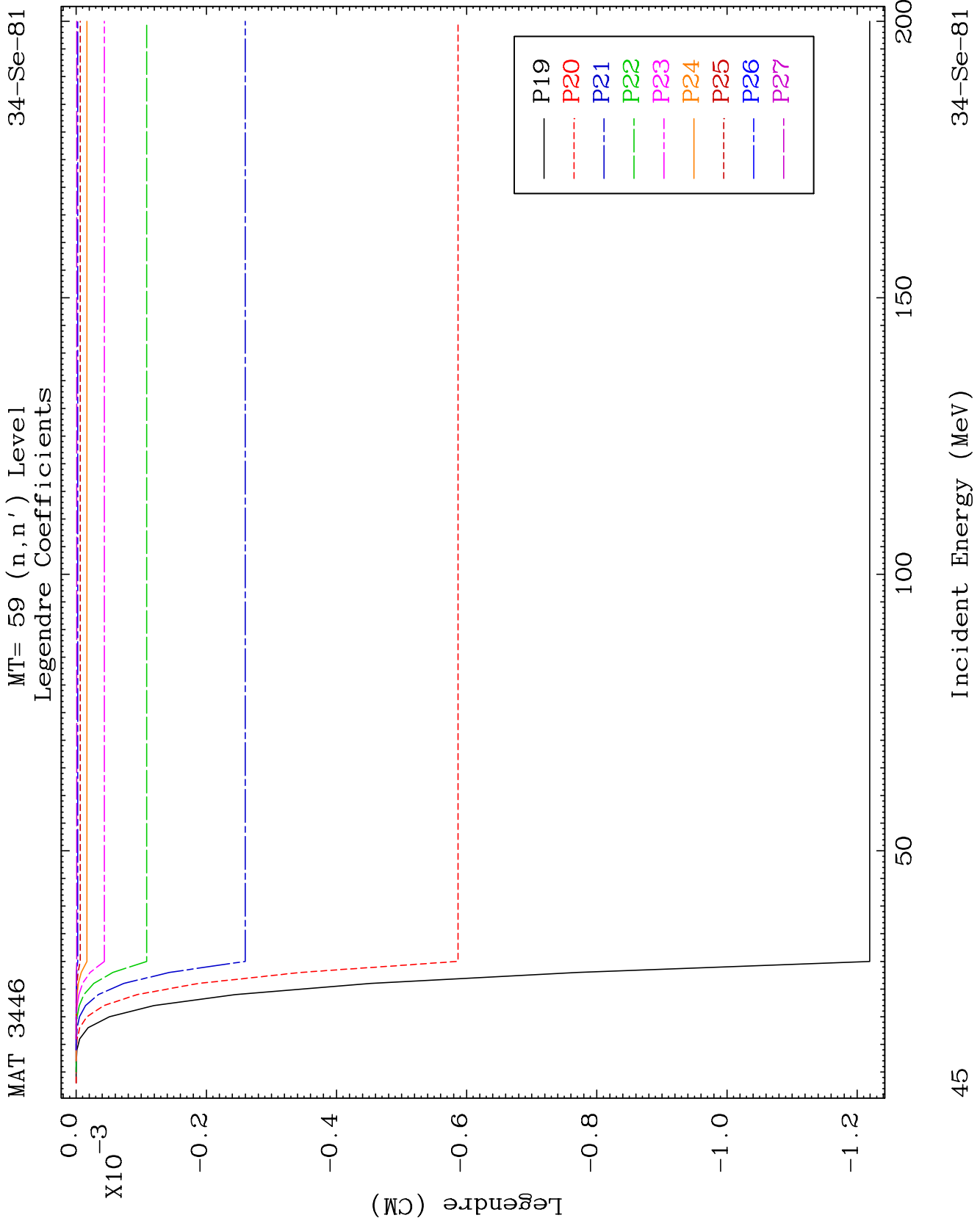


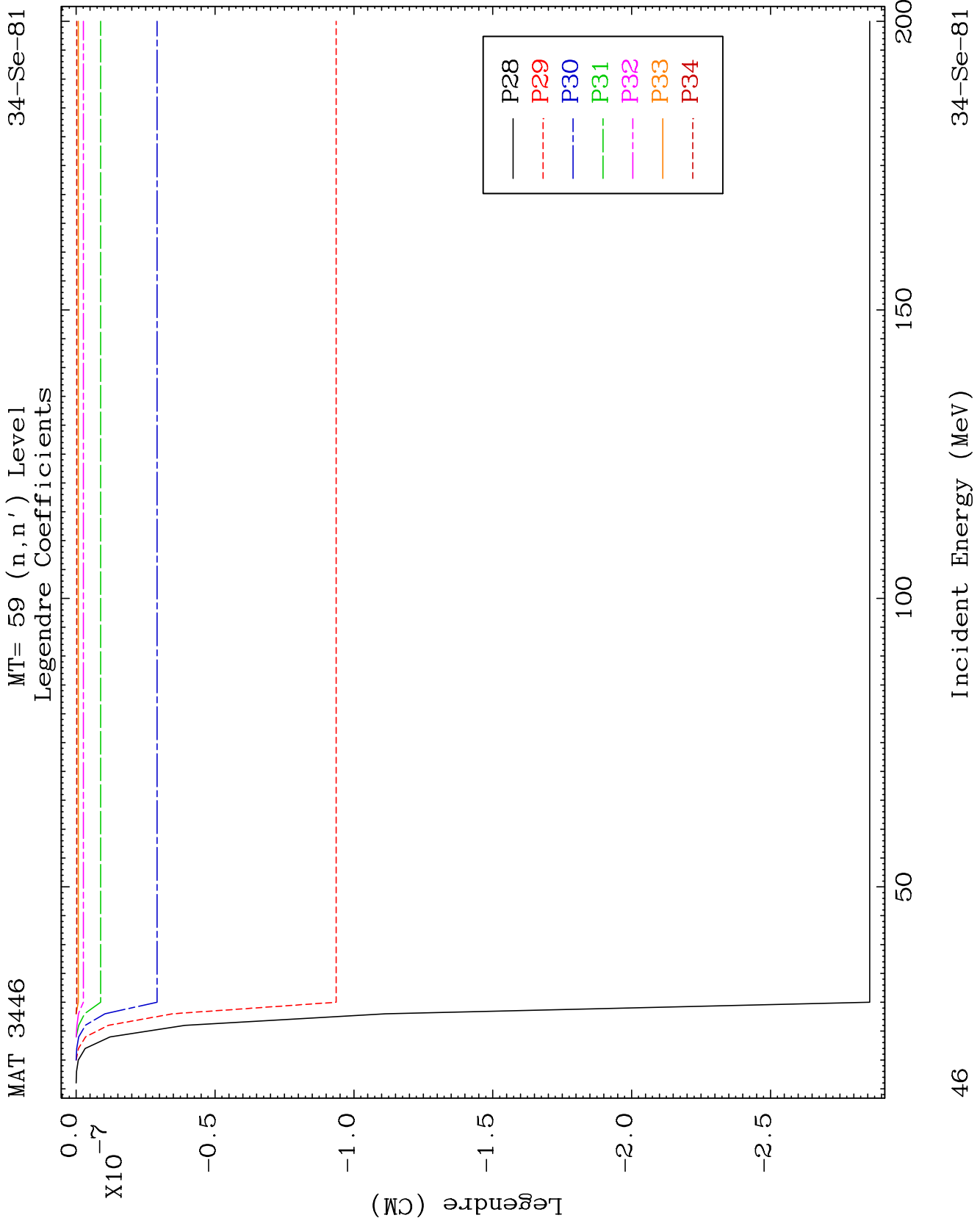
43

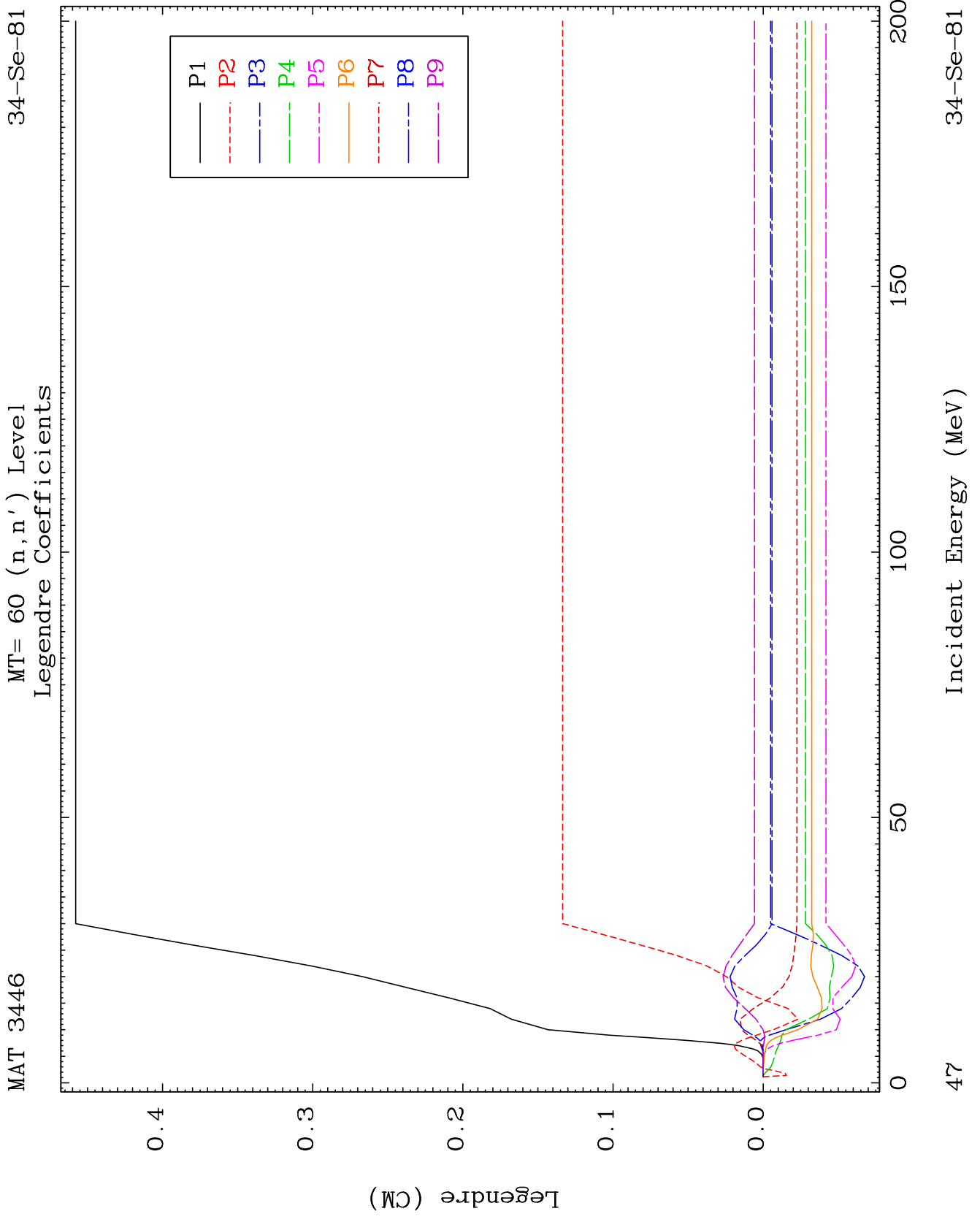
Incident Energy (MeV)

34-Se-81





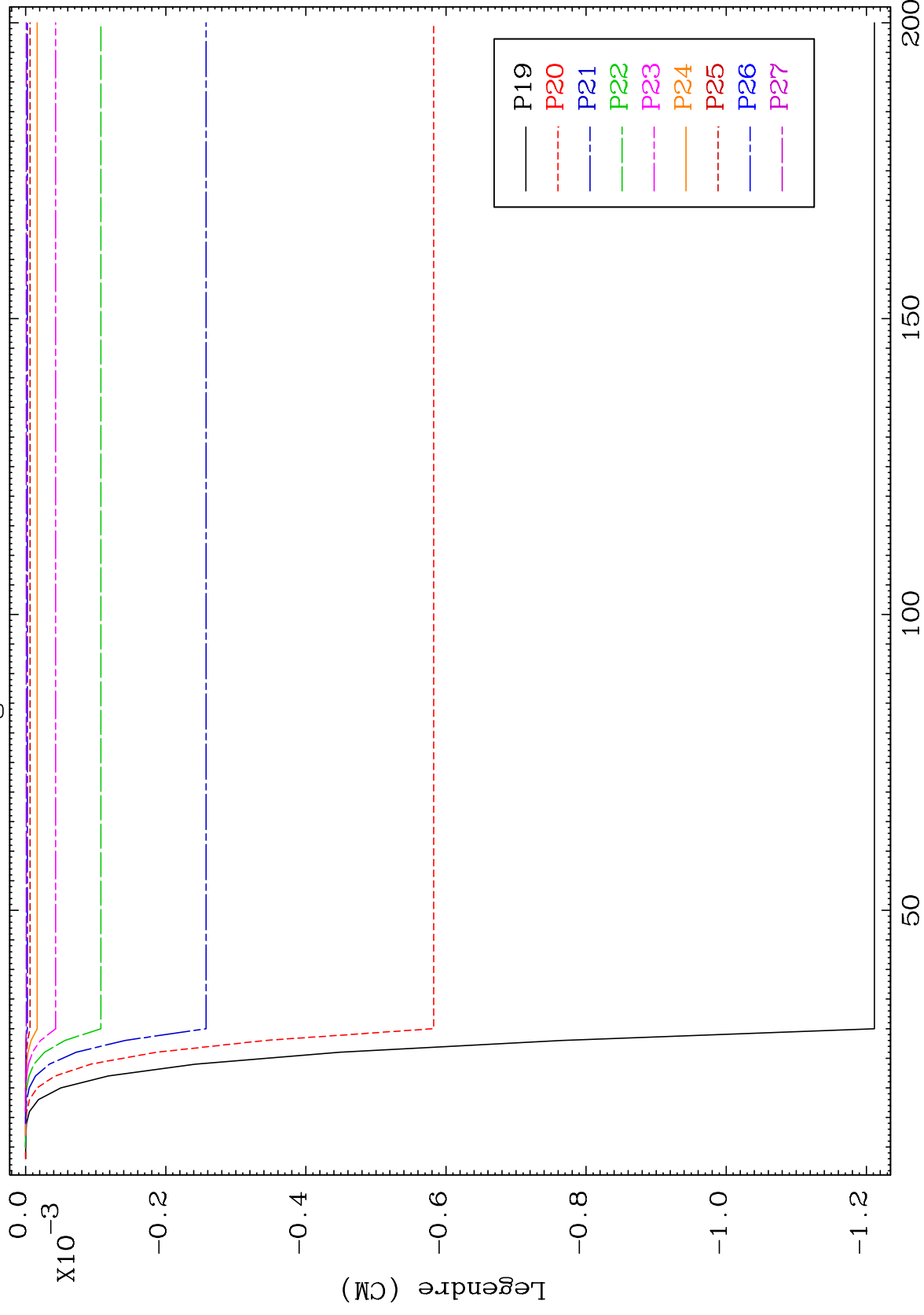




MAT 3446

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

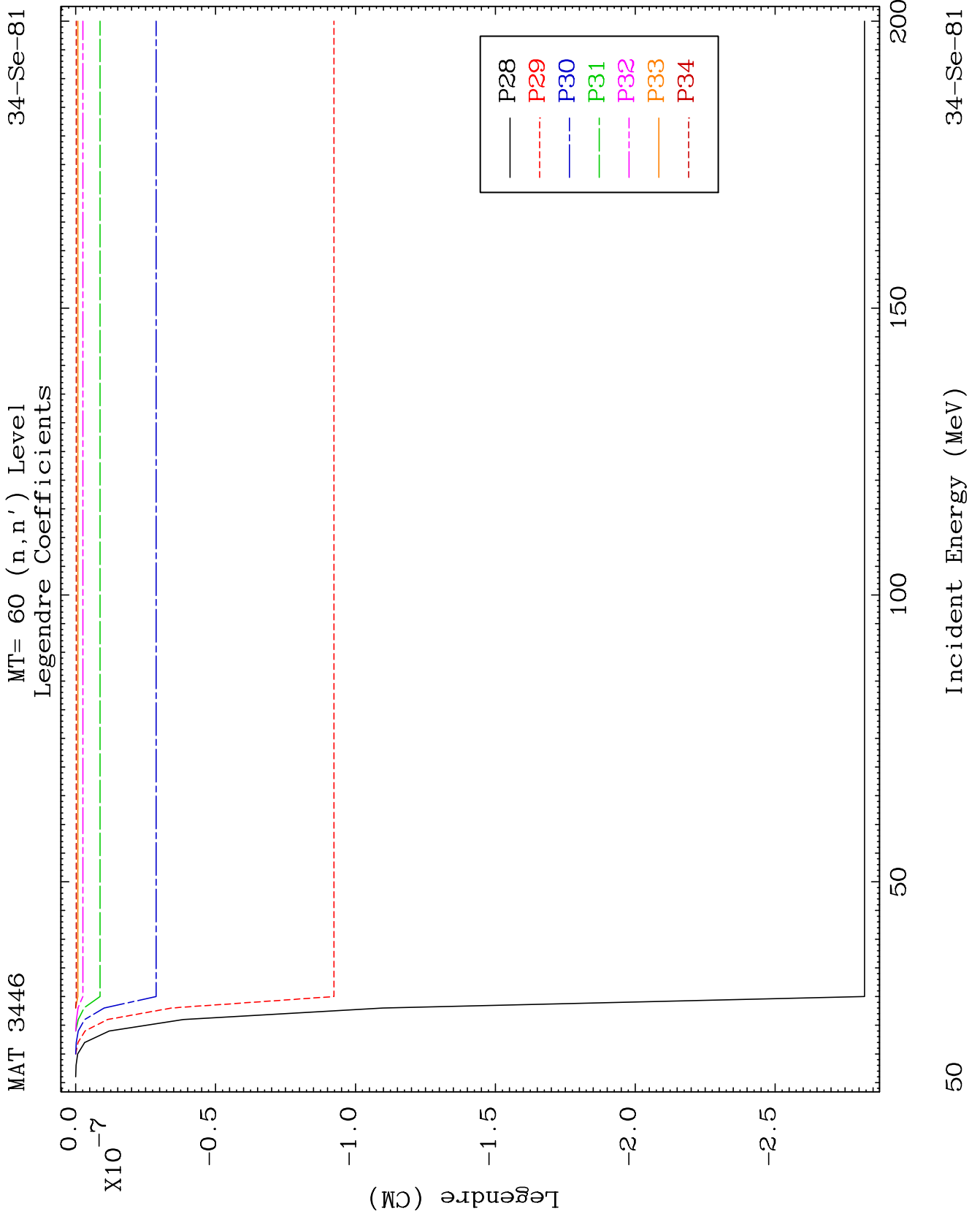
34-Se-81

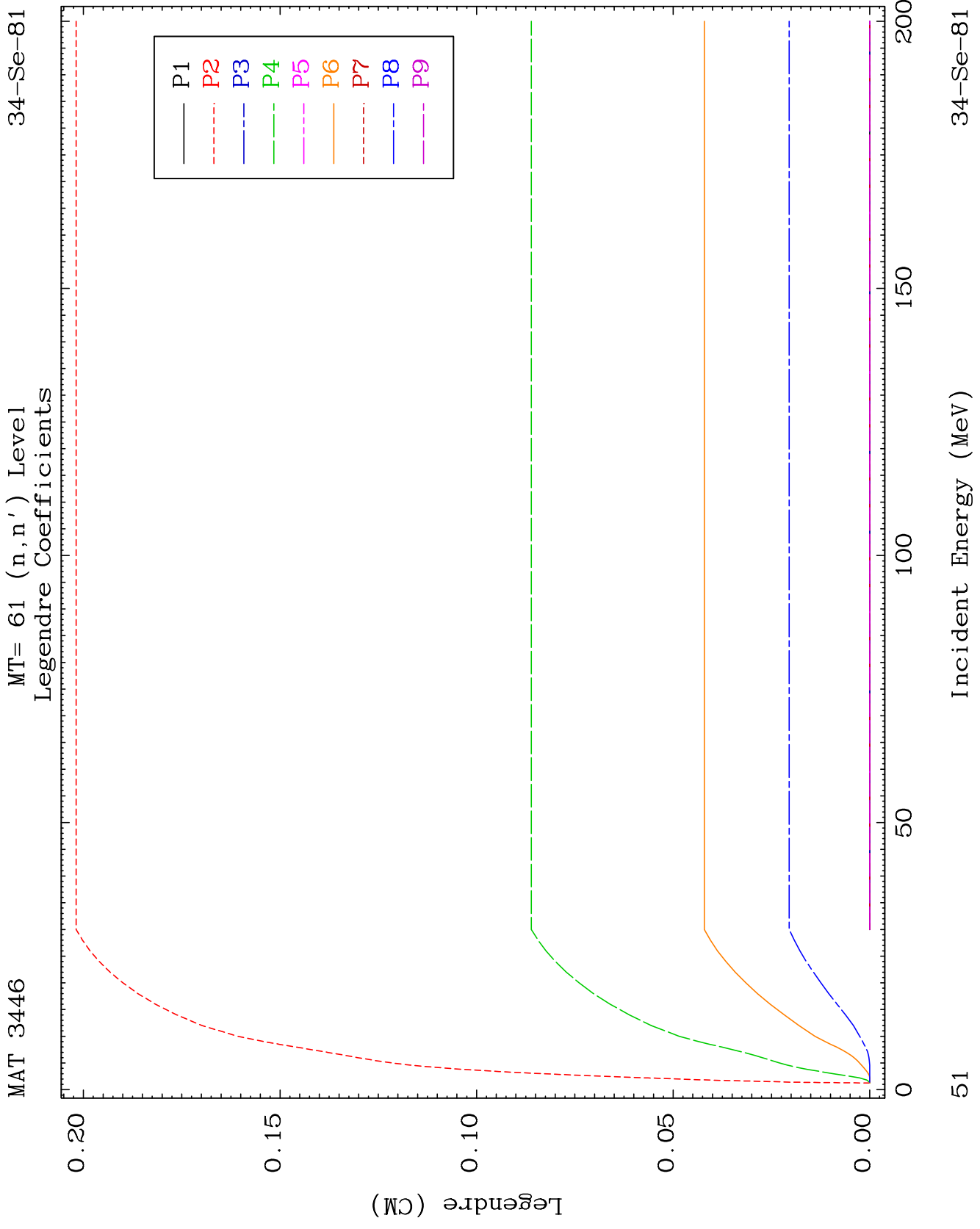


49

Incident Energy (MeV)

34-Se-81

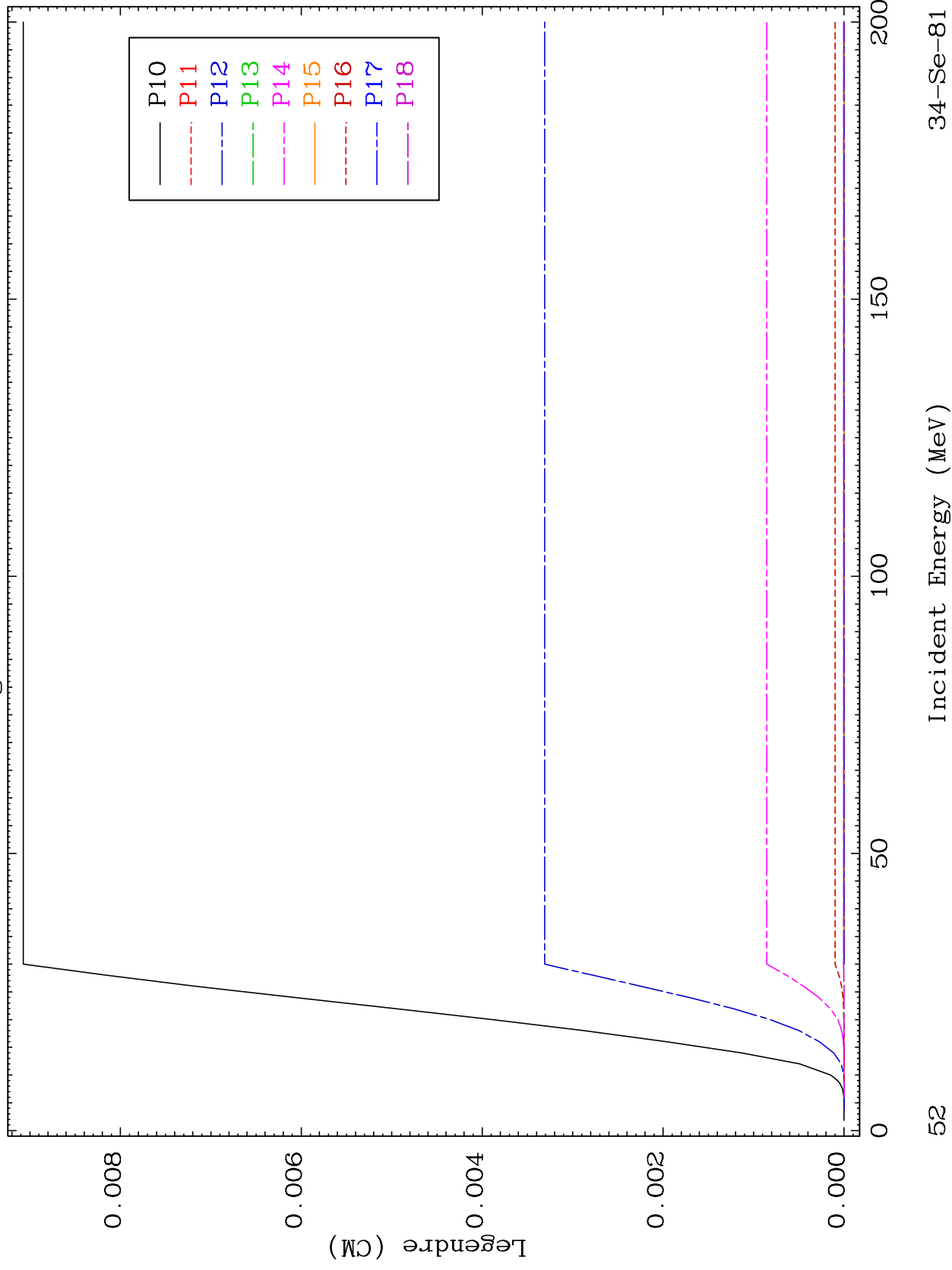




MAT 3446

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

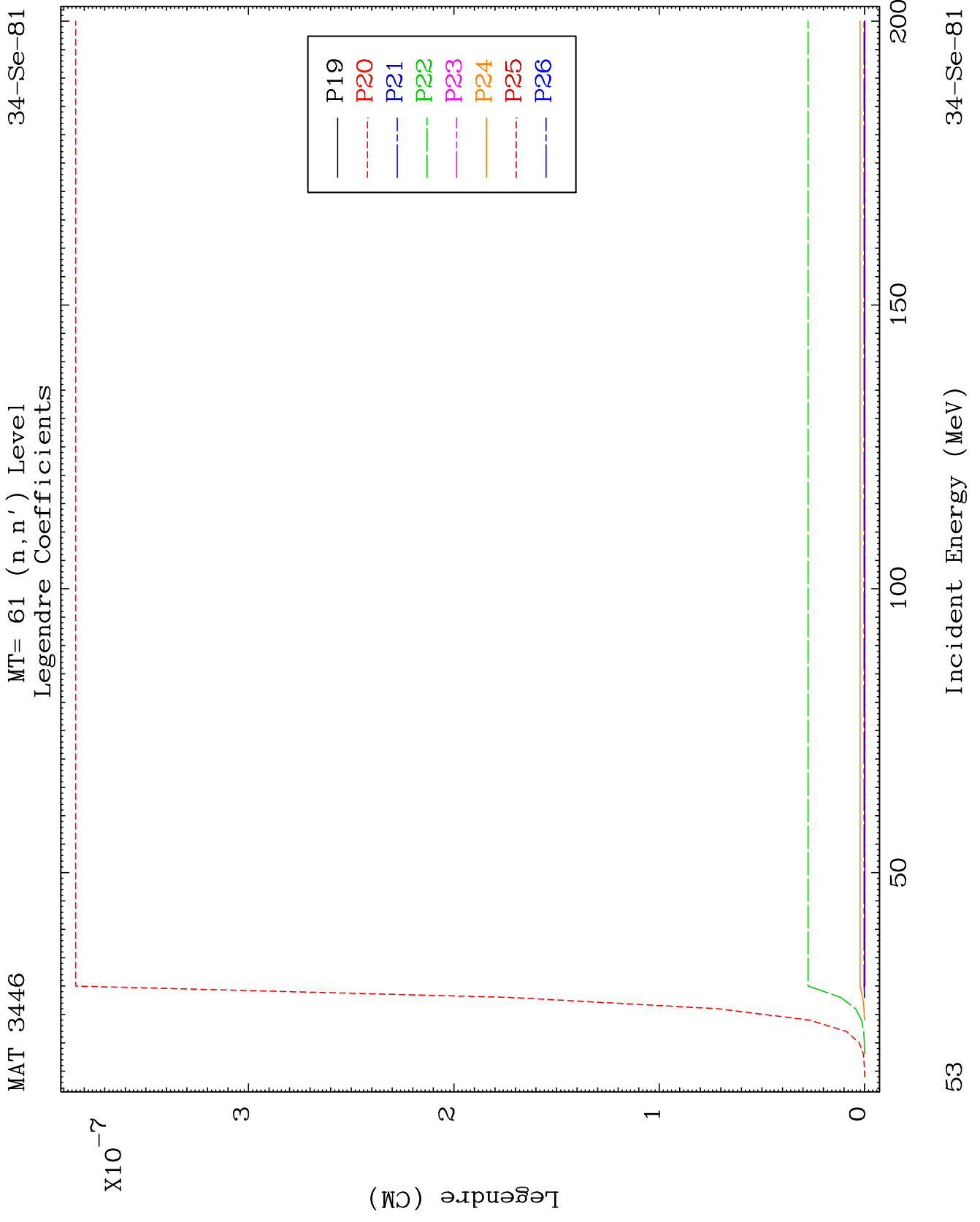
³⁴Se-81



³⁴Se-81

Incident Energy (MeV)

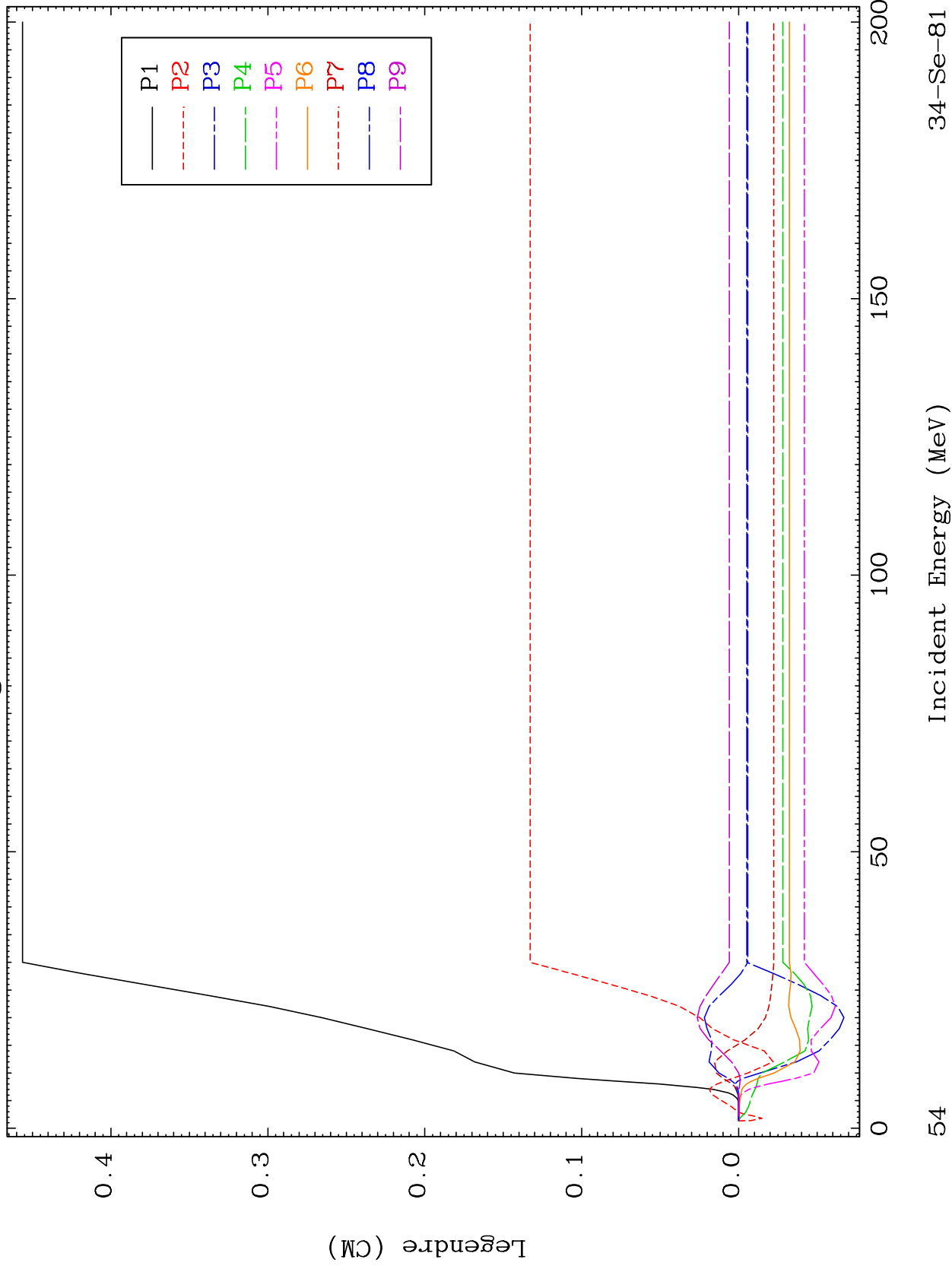
52



MAT 3446

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

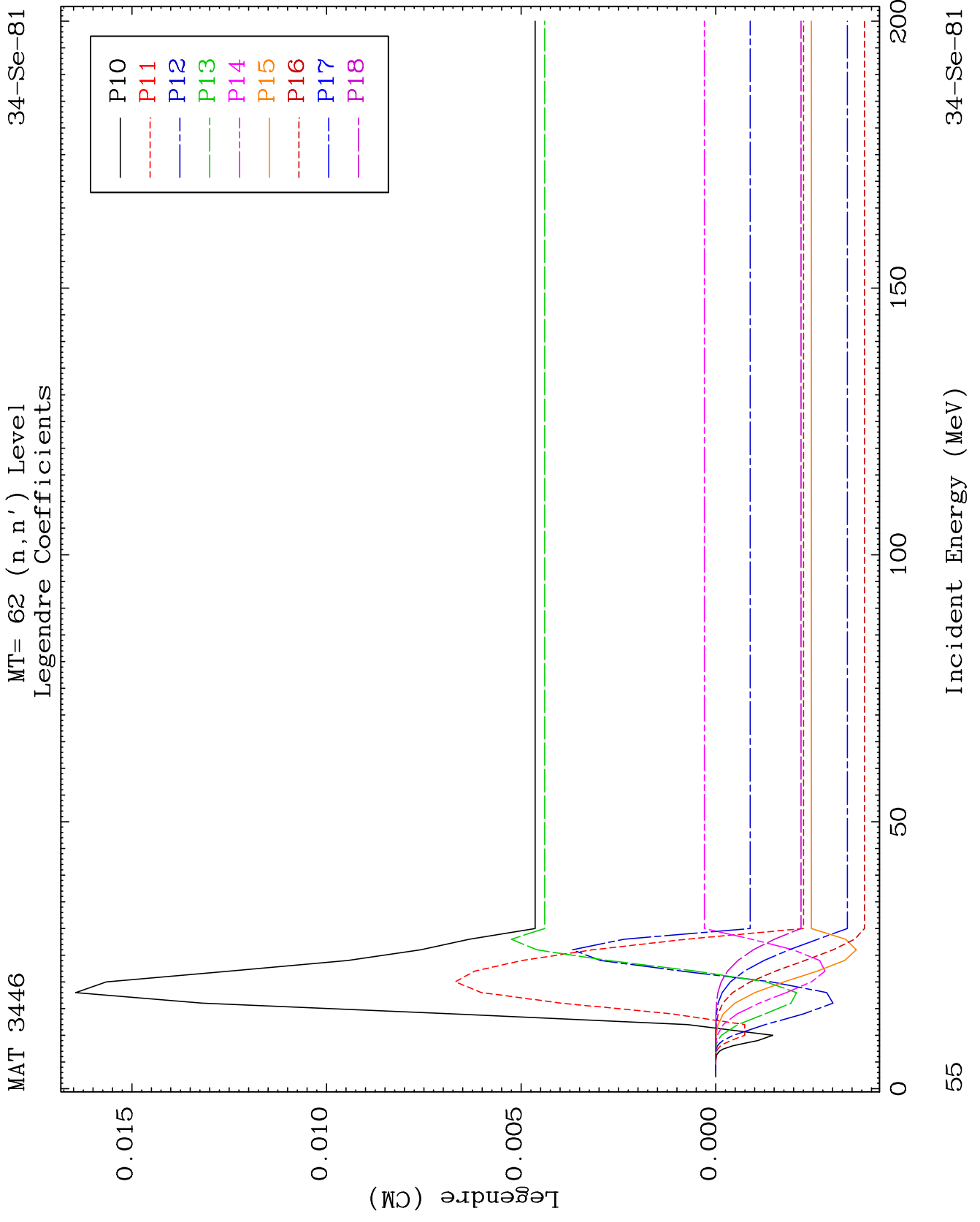
34-Se-81

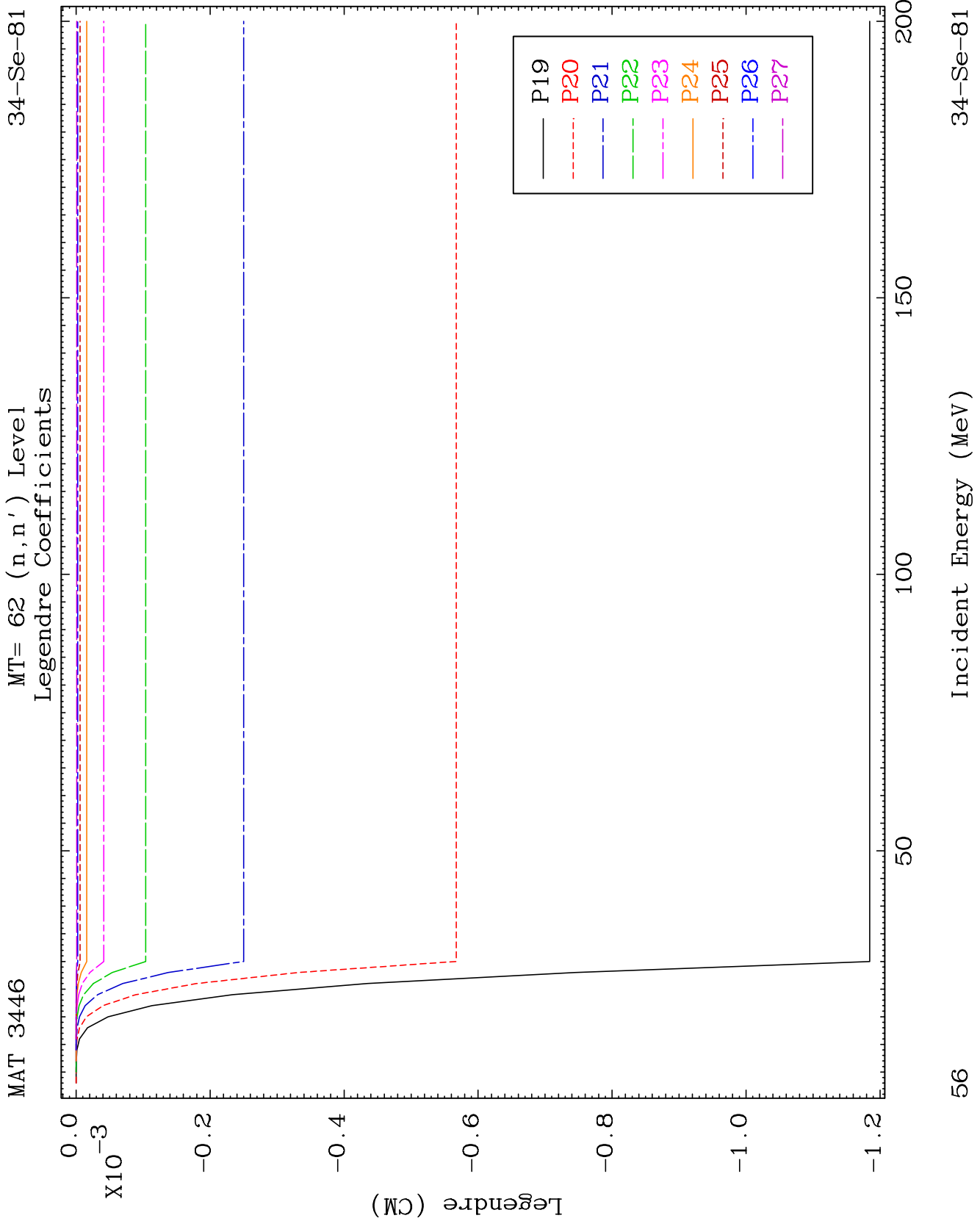


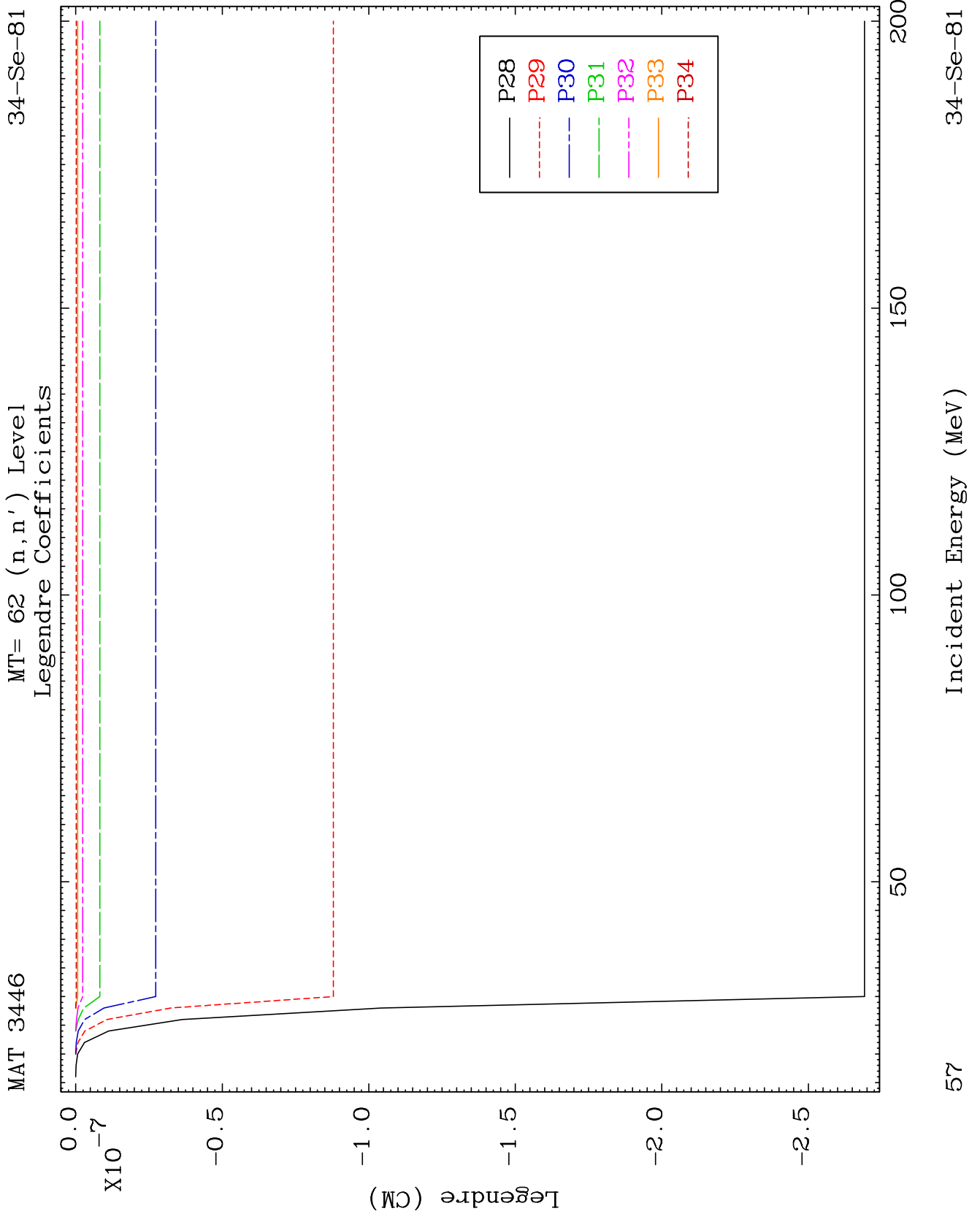
54

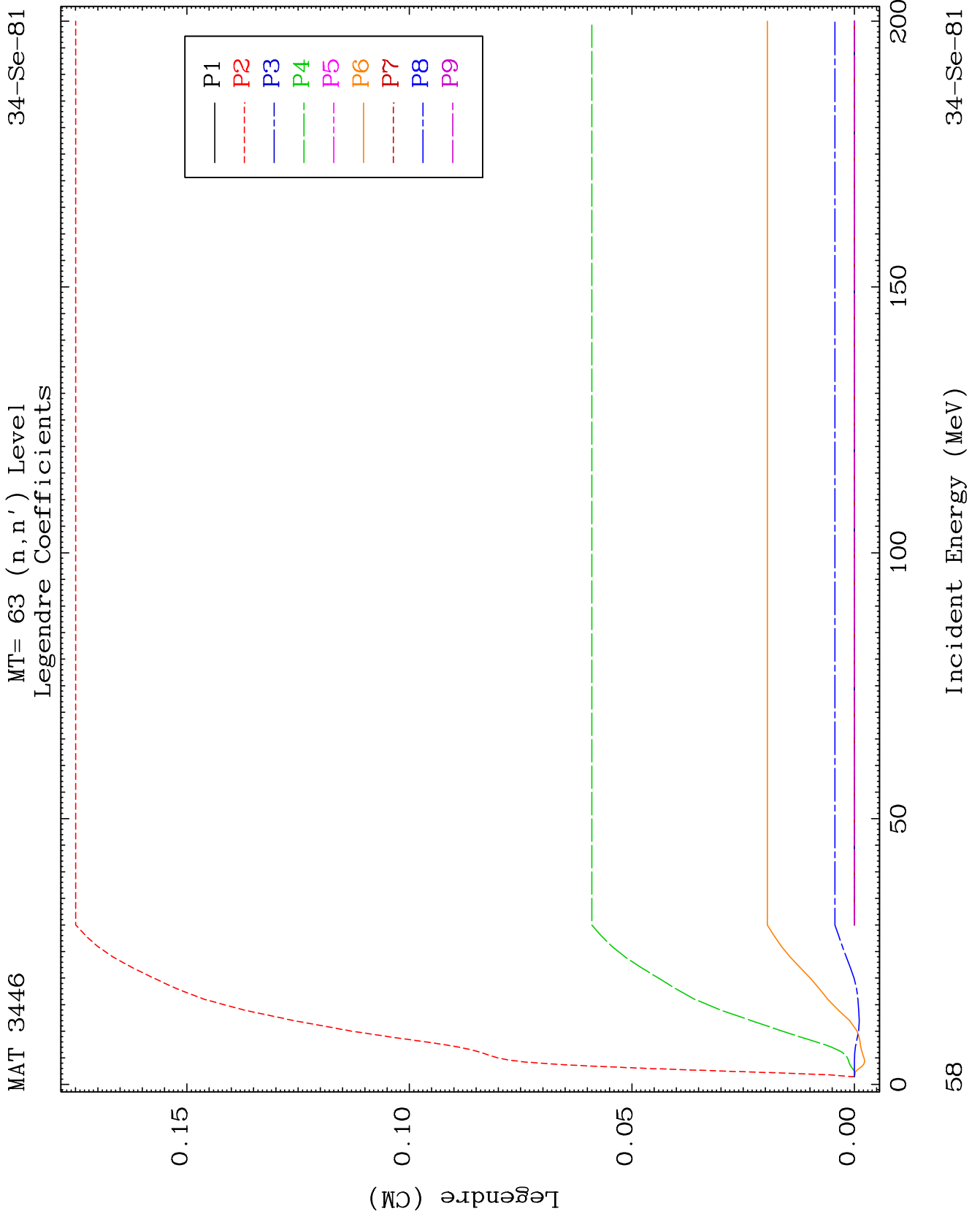
Incident Energy (MeV)

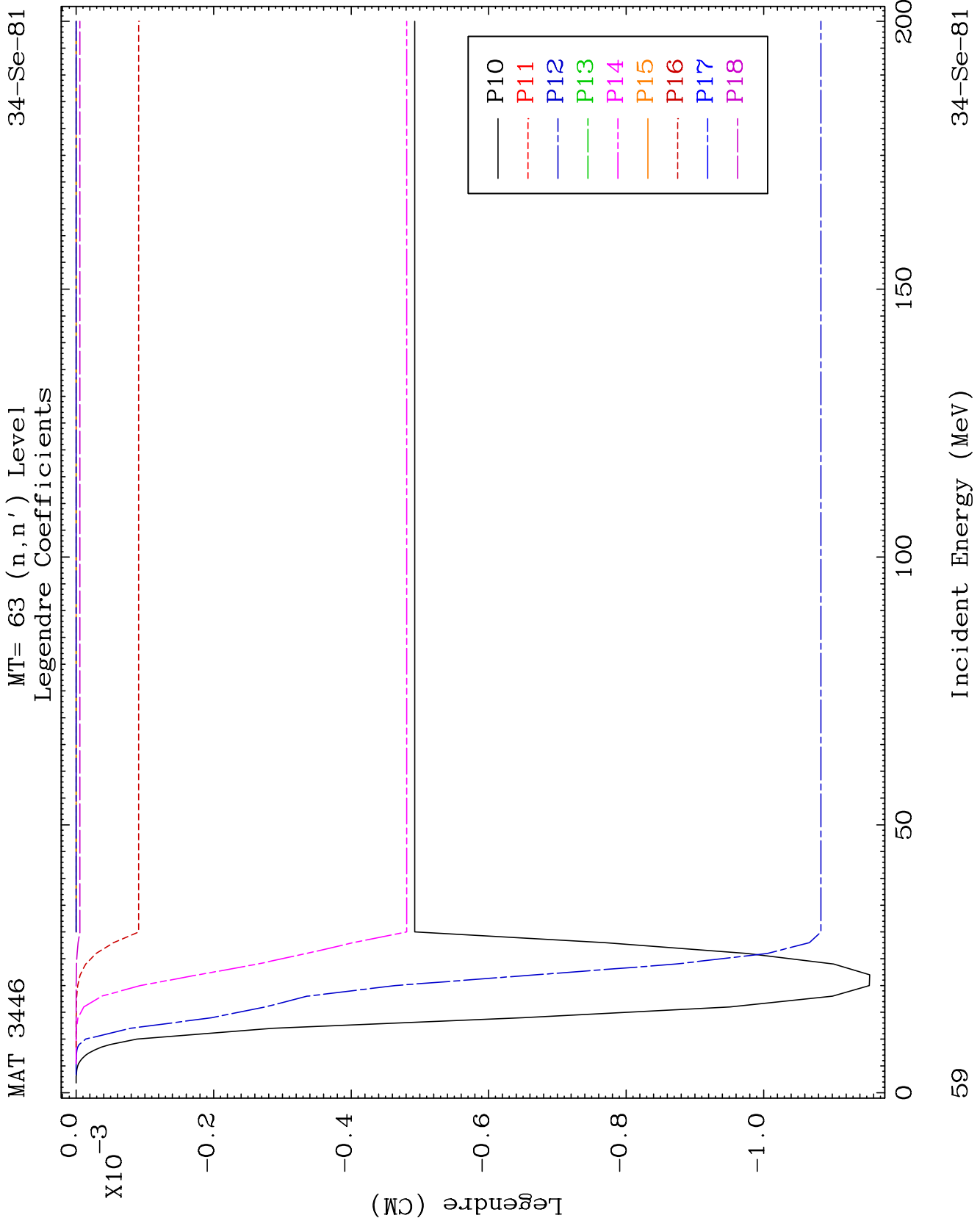
34-Se-81

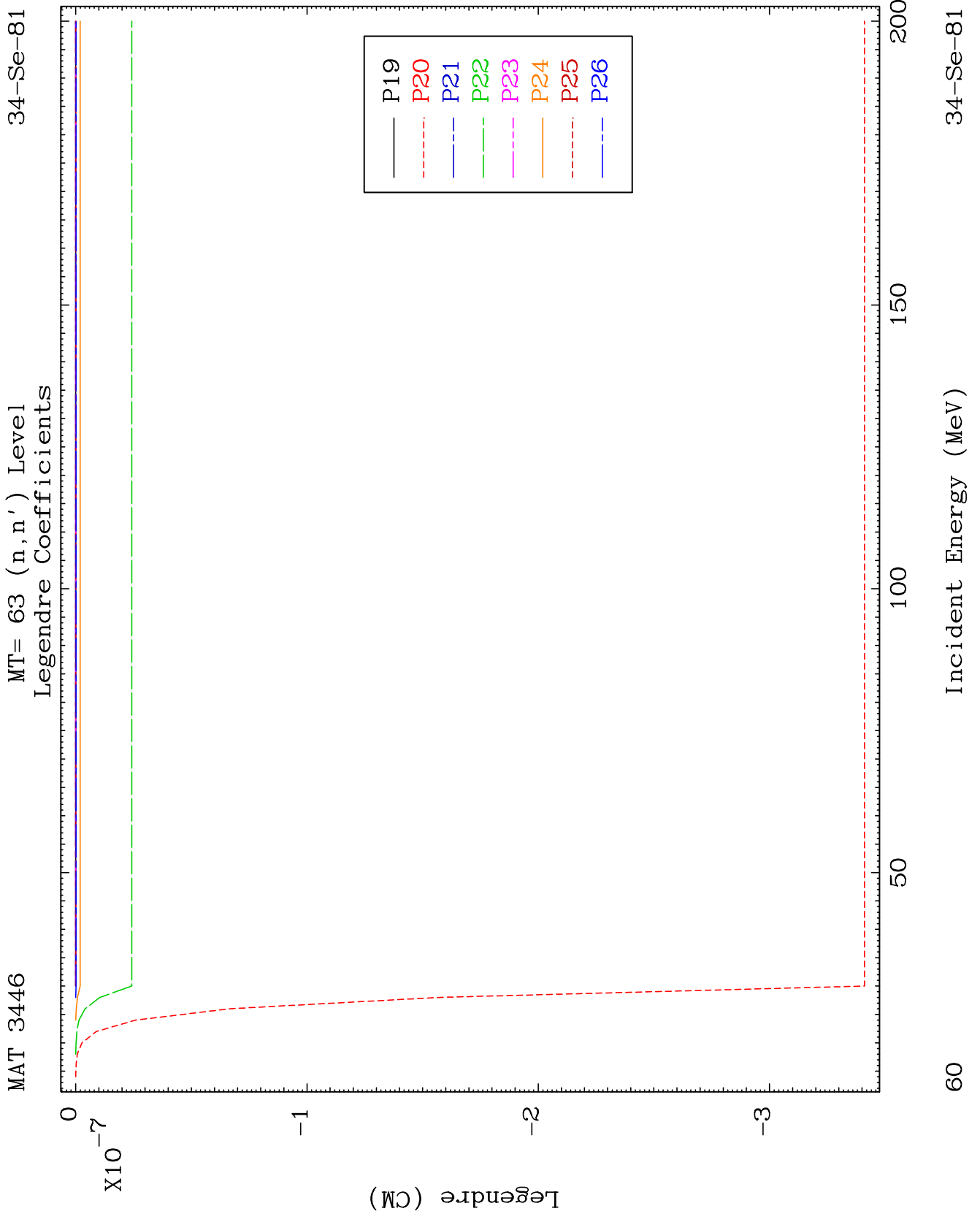


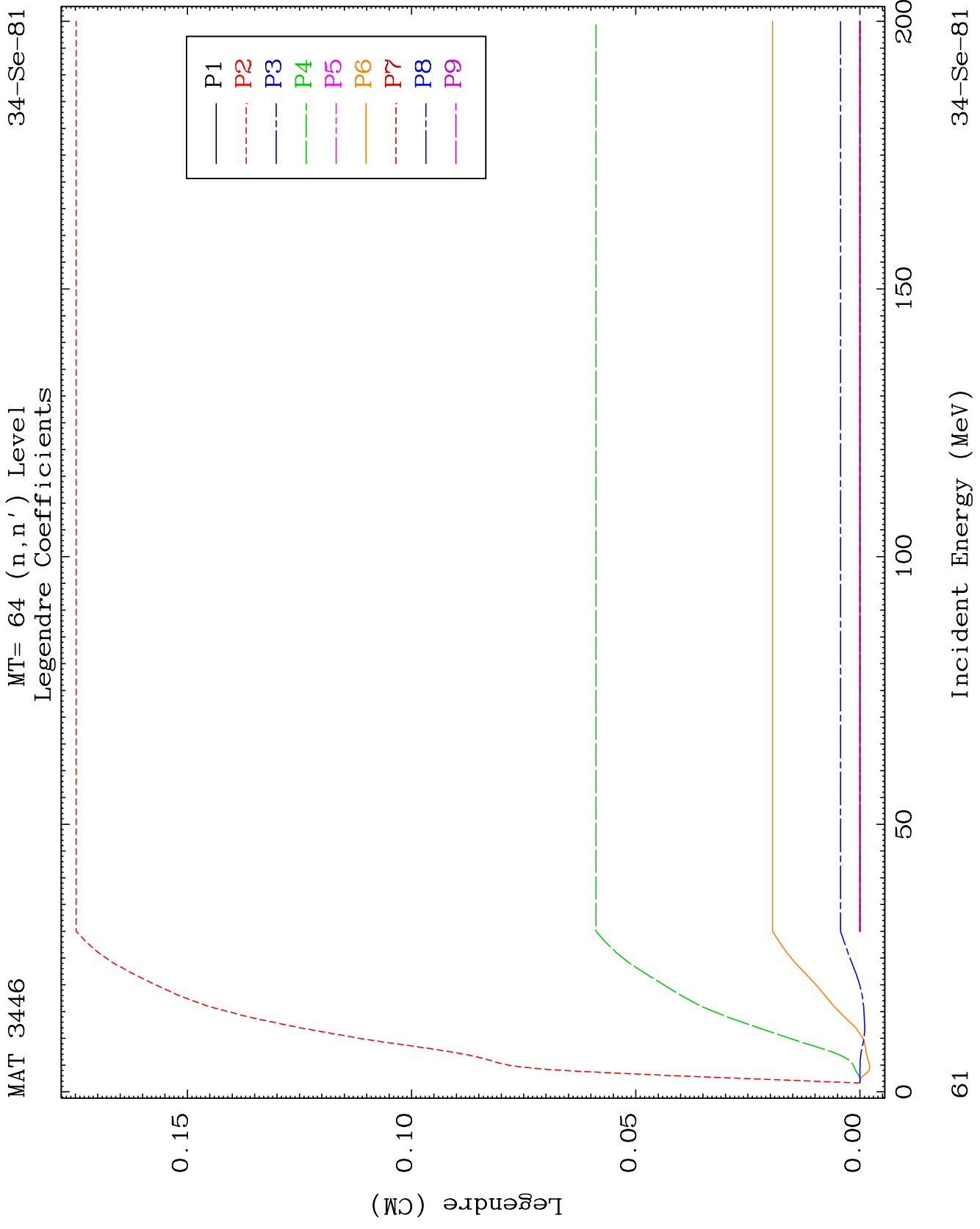


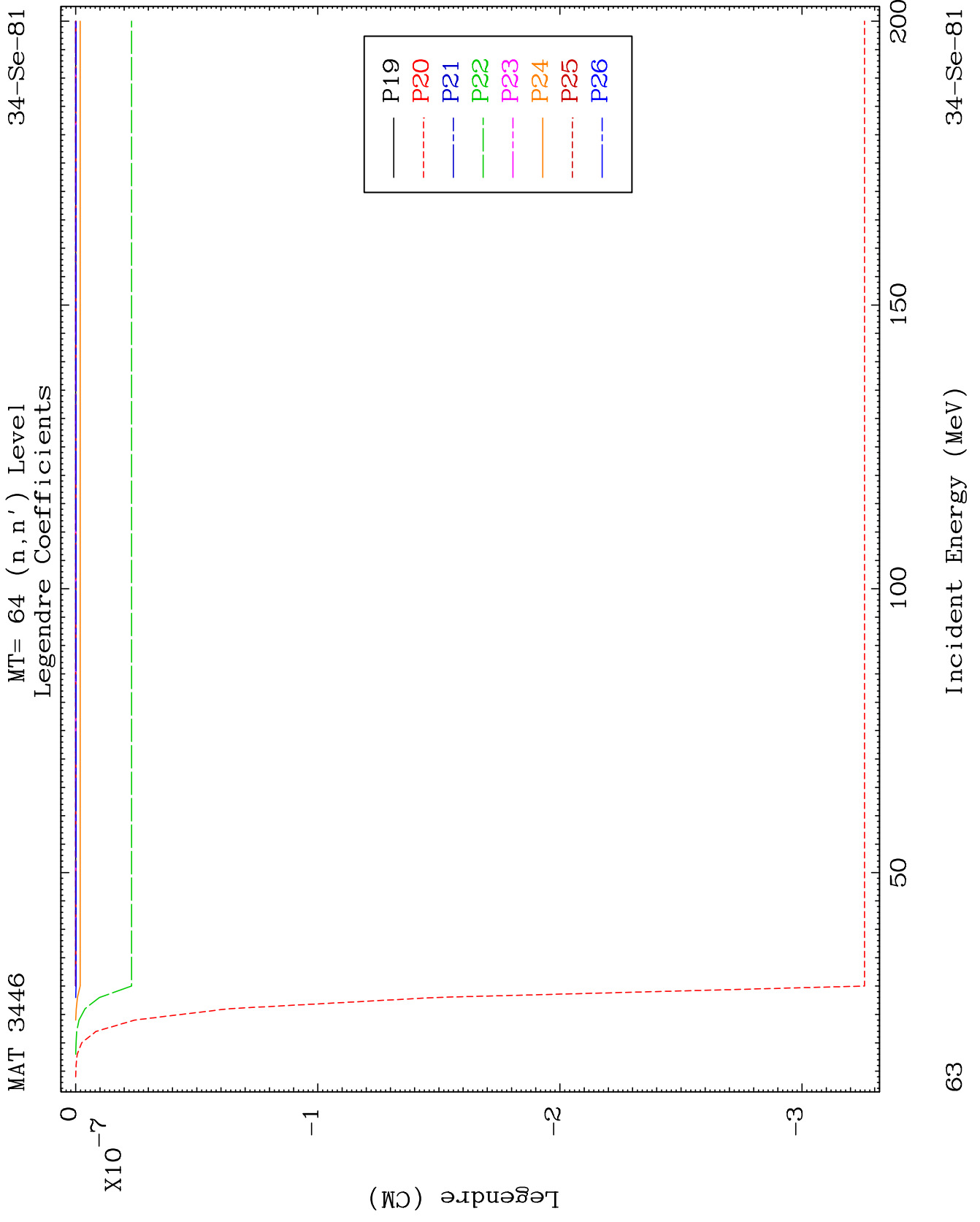


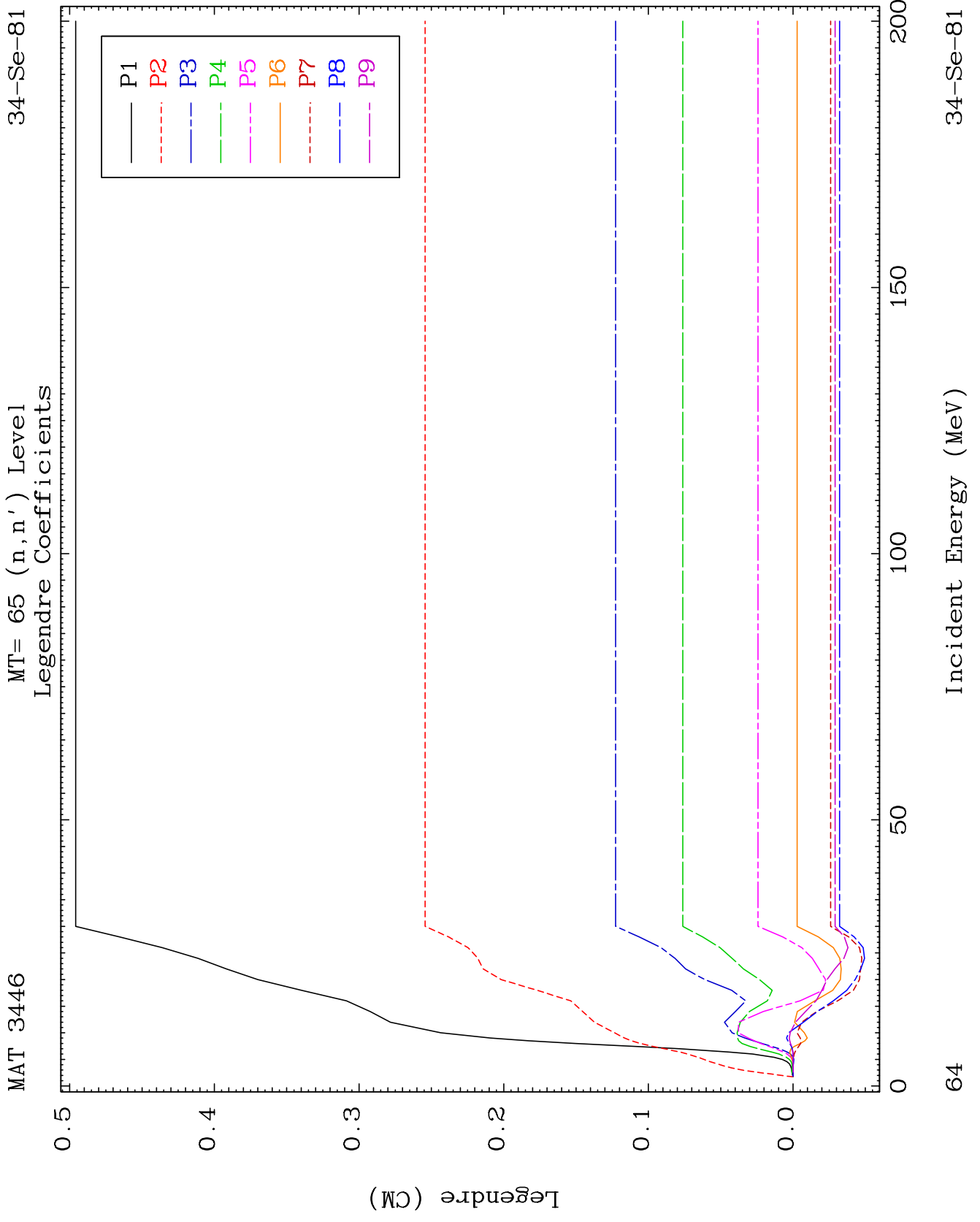








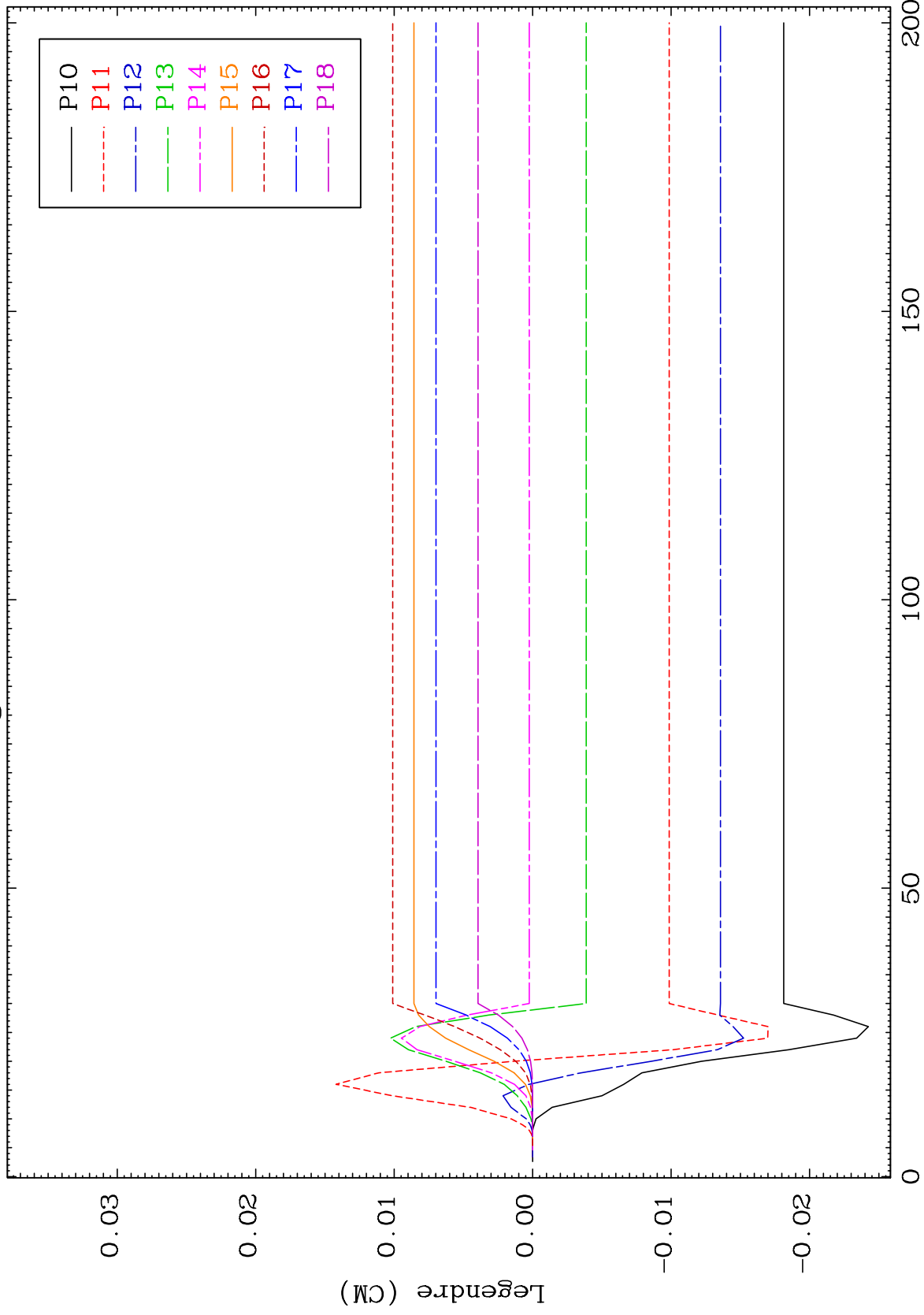




MAT 3446

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

³⁴Se-81



65

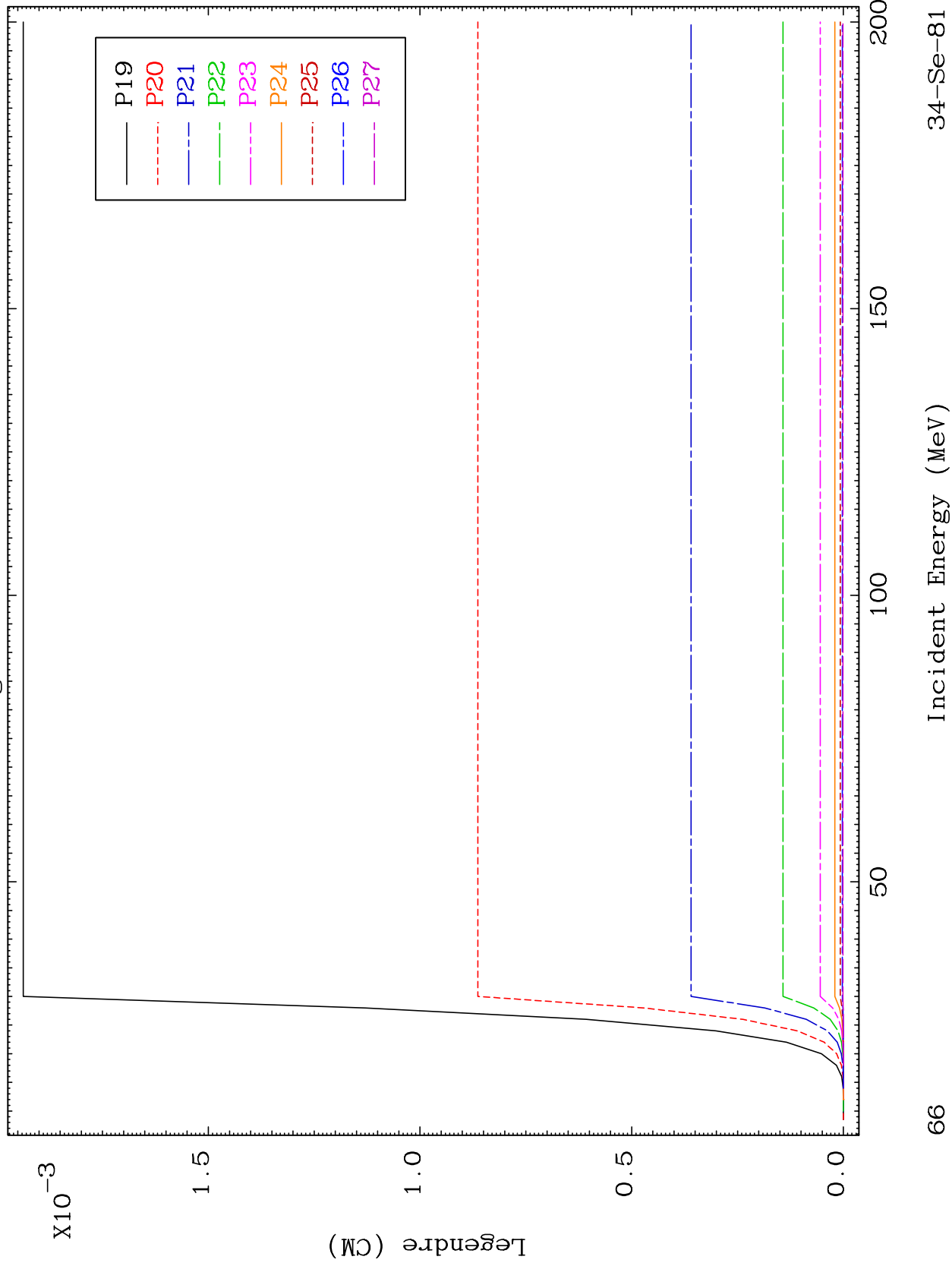
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

³⁴Se-81



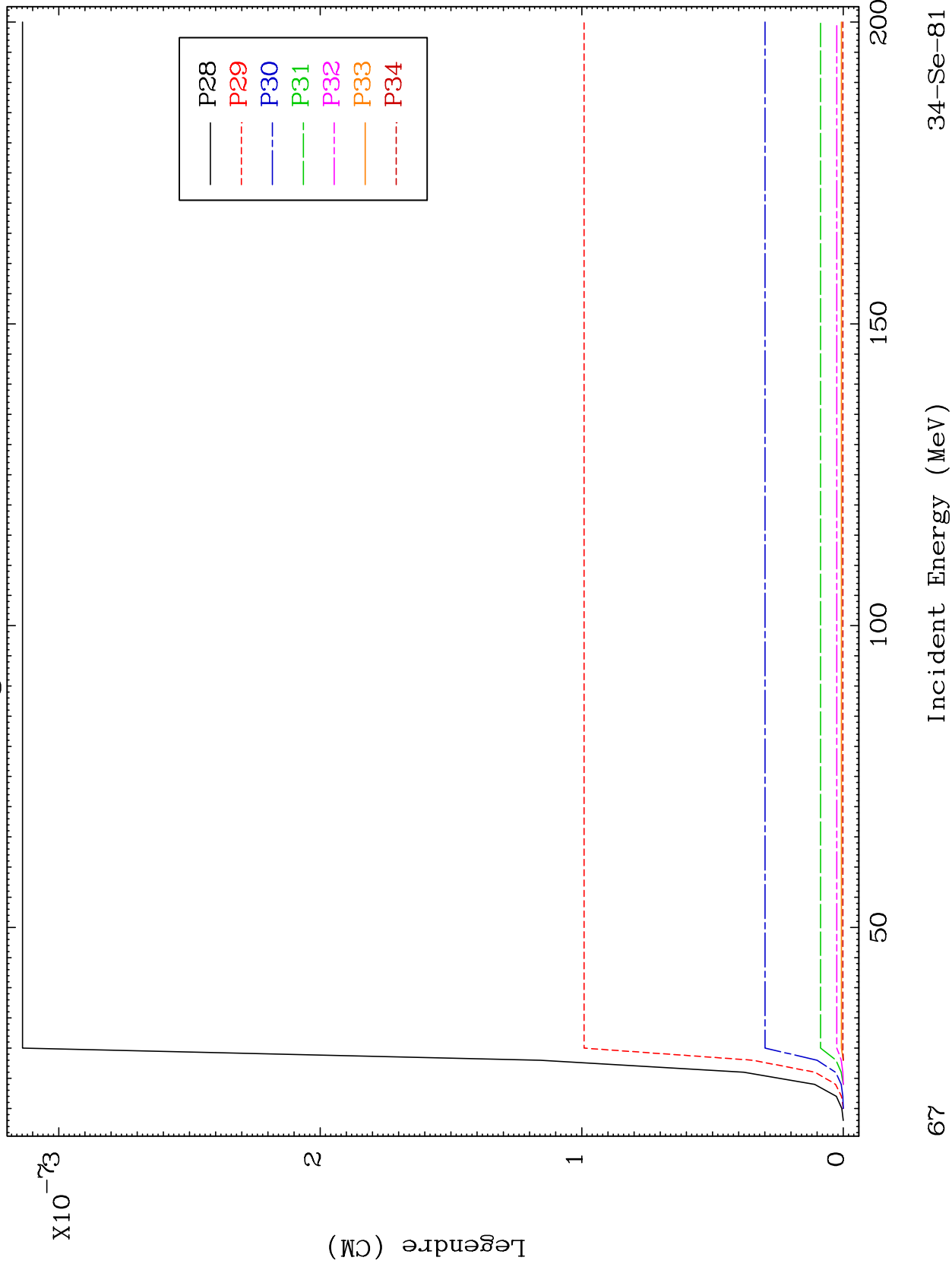
66

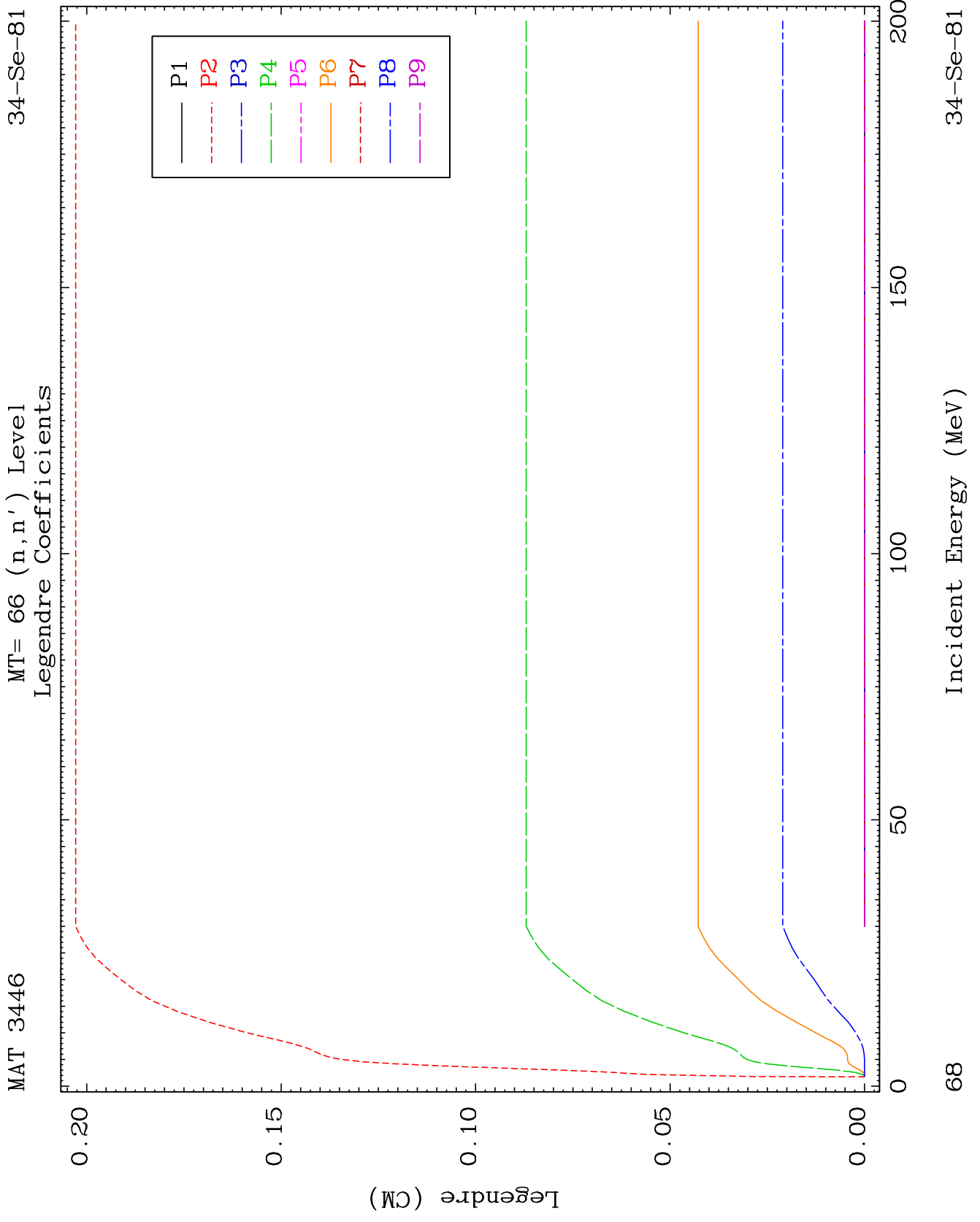
³⁴Se-81

MAT 3446

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

34-Se-81

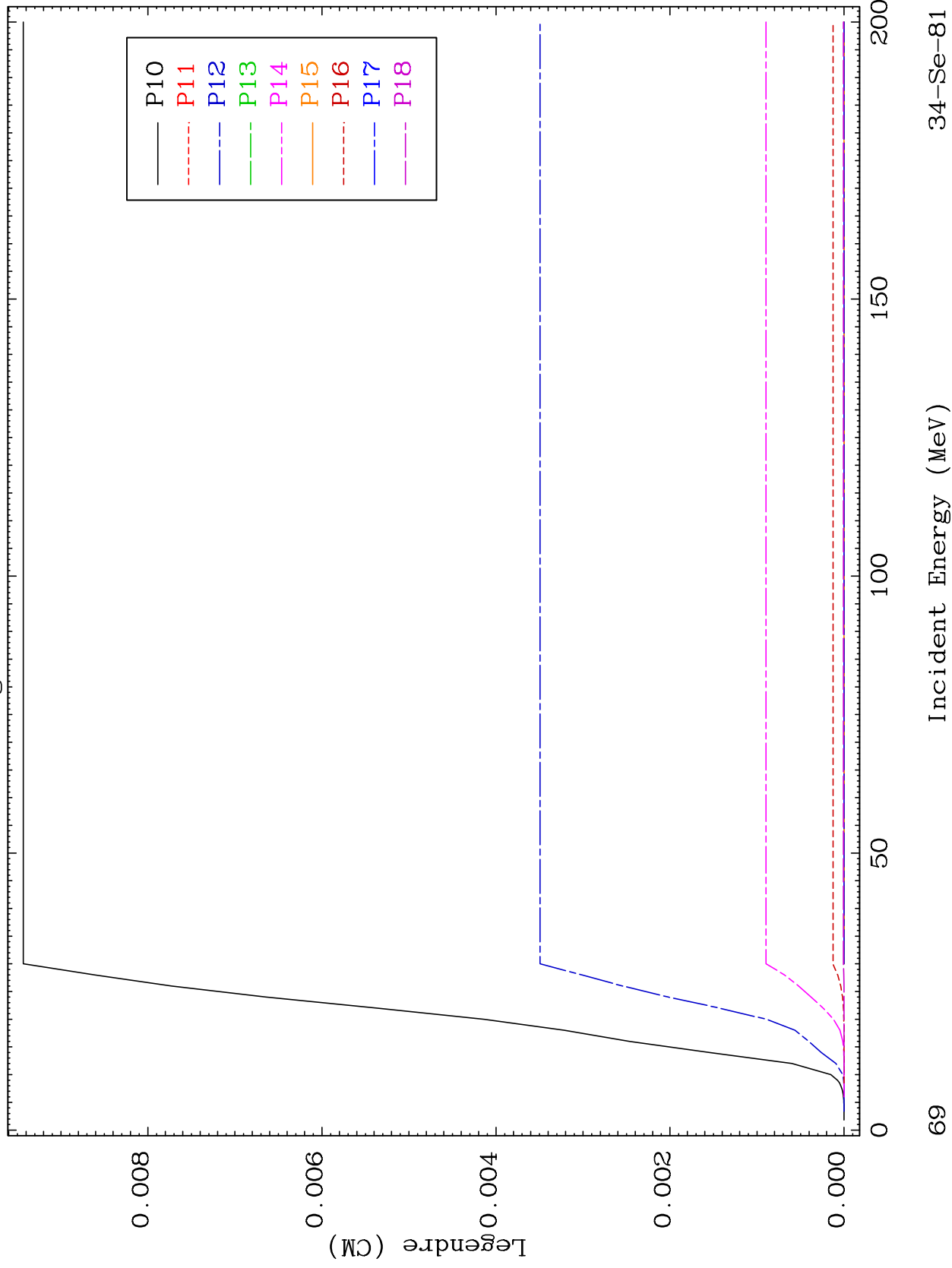




MAT 3446

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

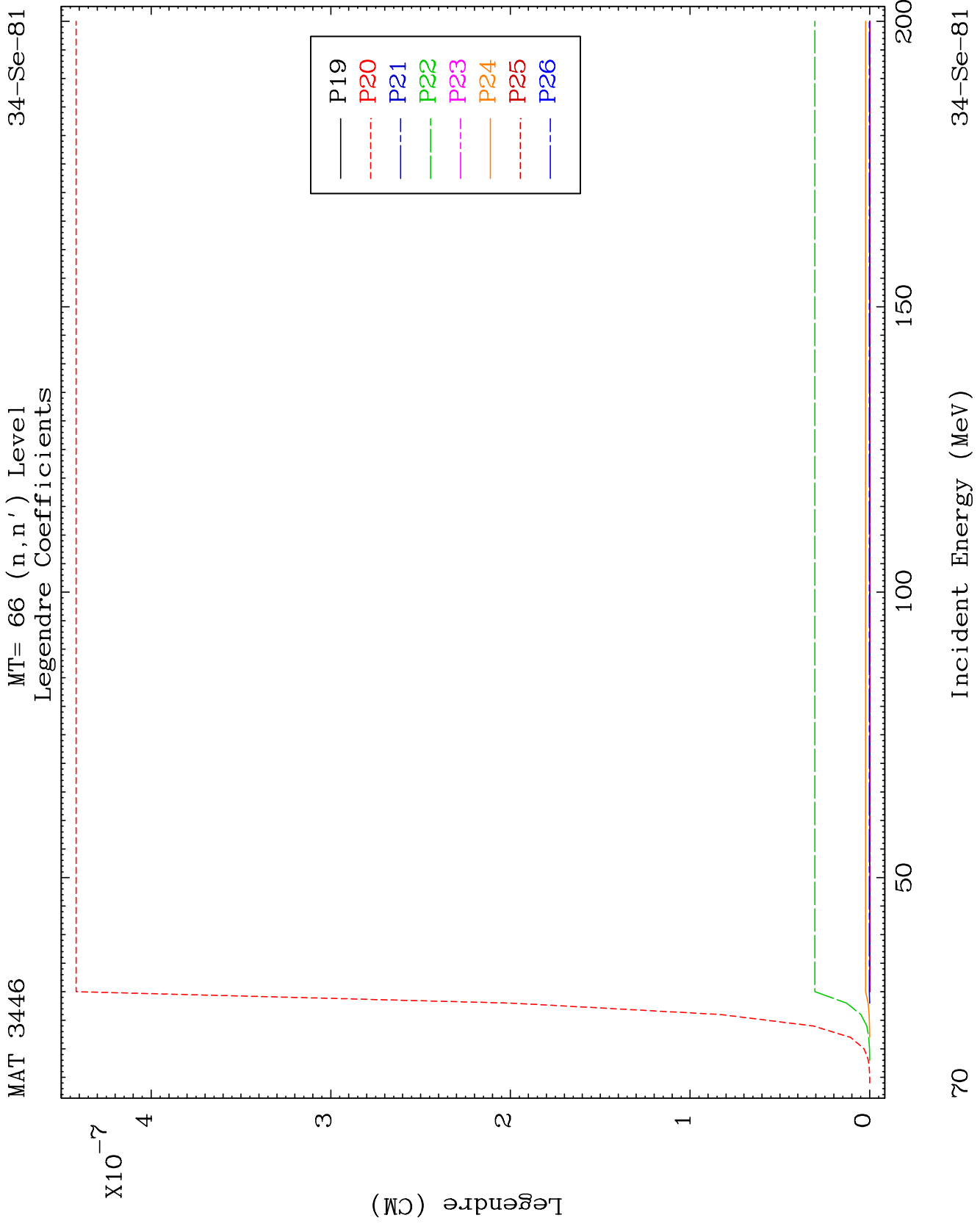
³⁴Se-81

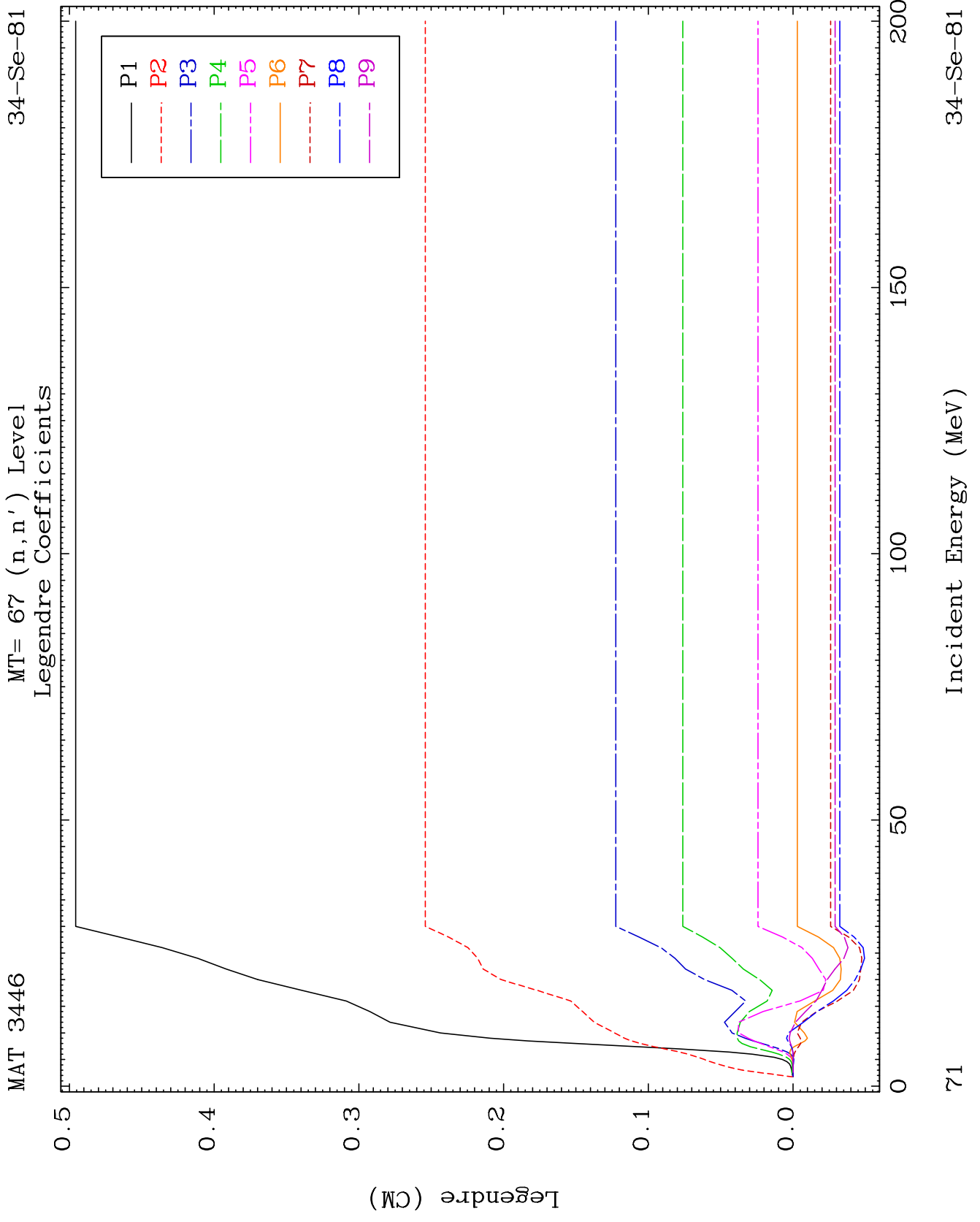


³⁴Se-81

Incident Energy (MeV)

69

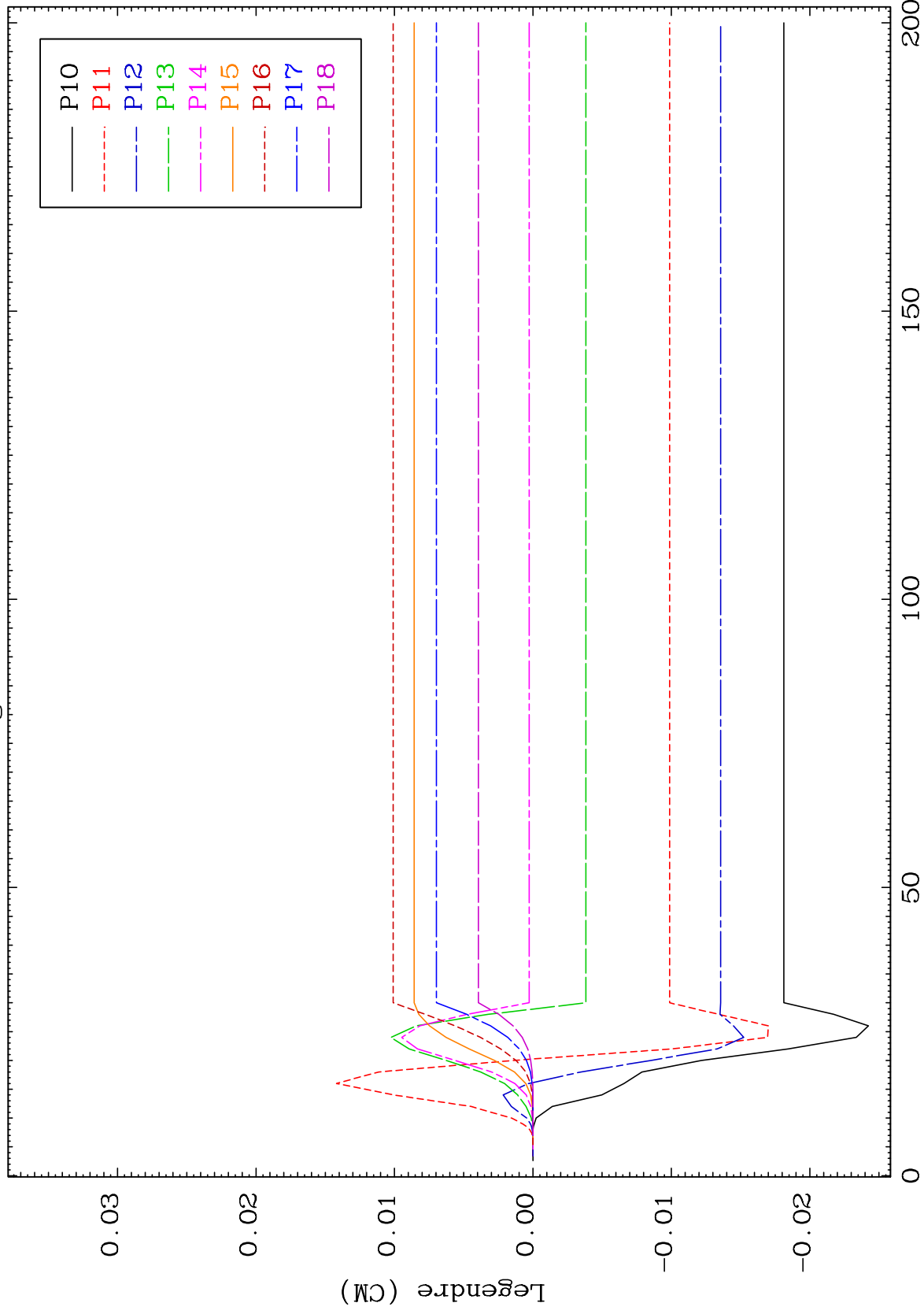




MAT 3446

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

³⁴Se-81



72

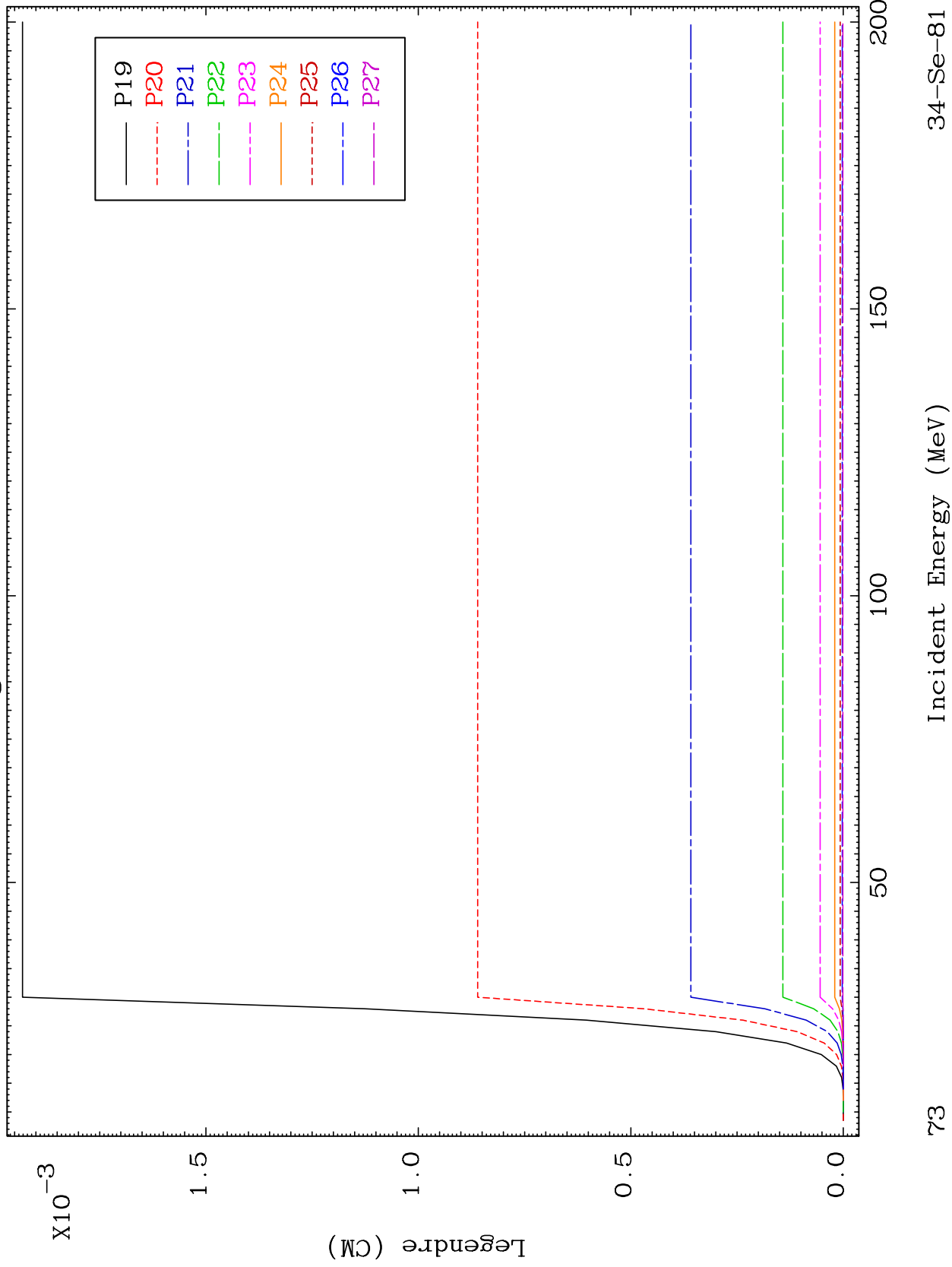
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

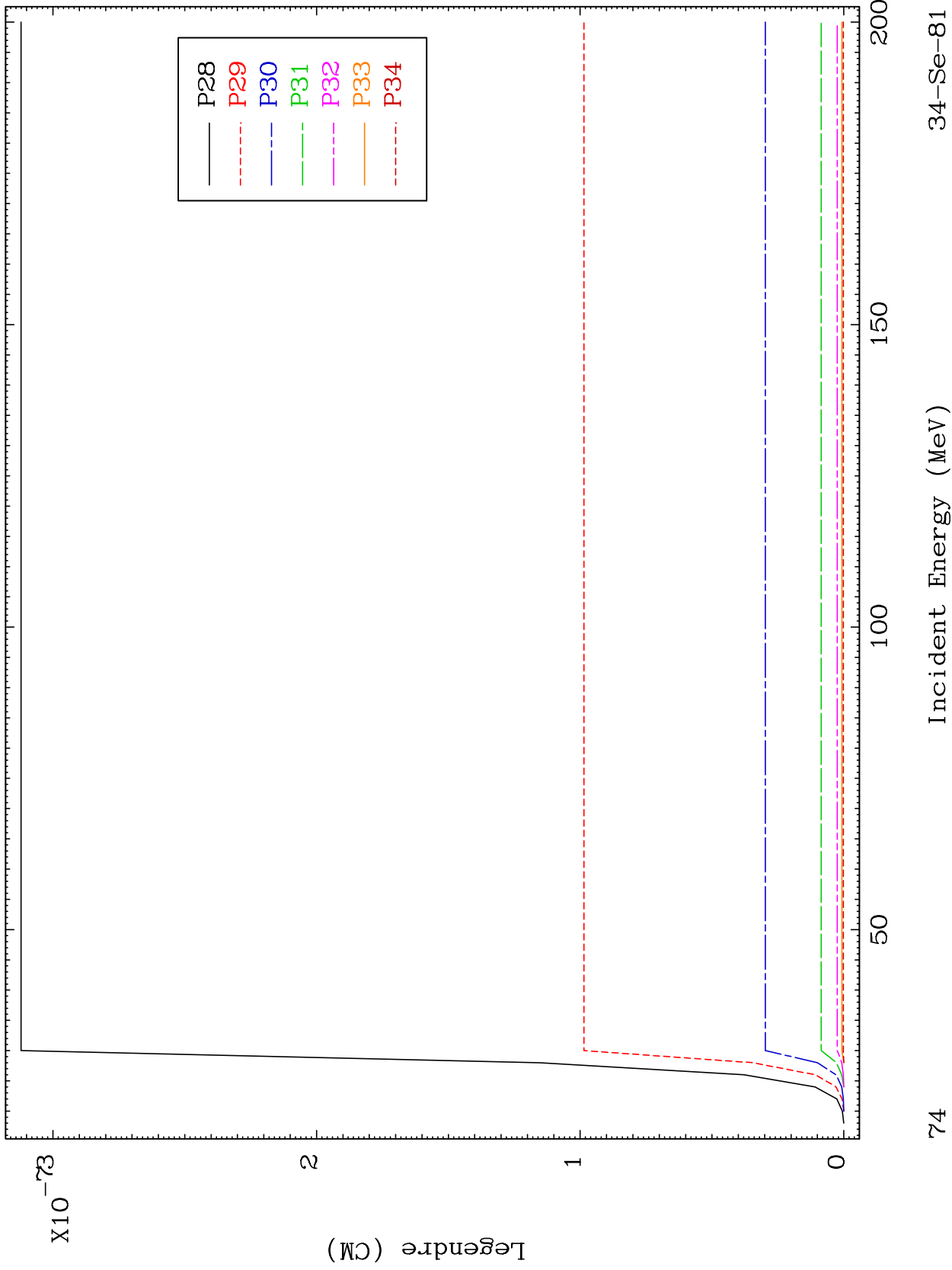
³⁴Se-81

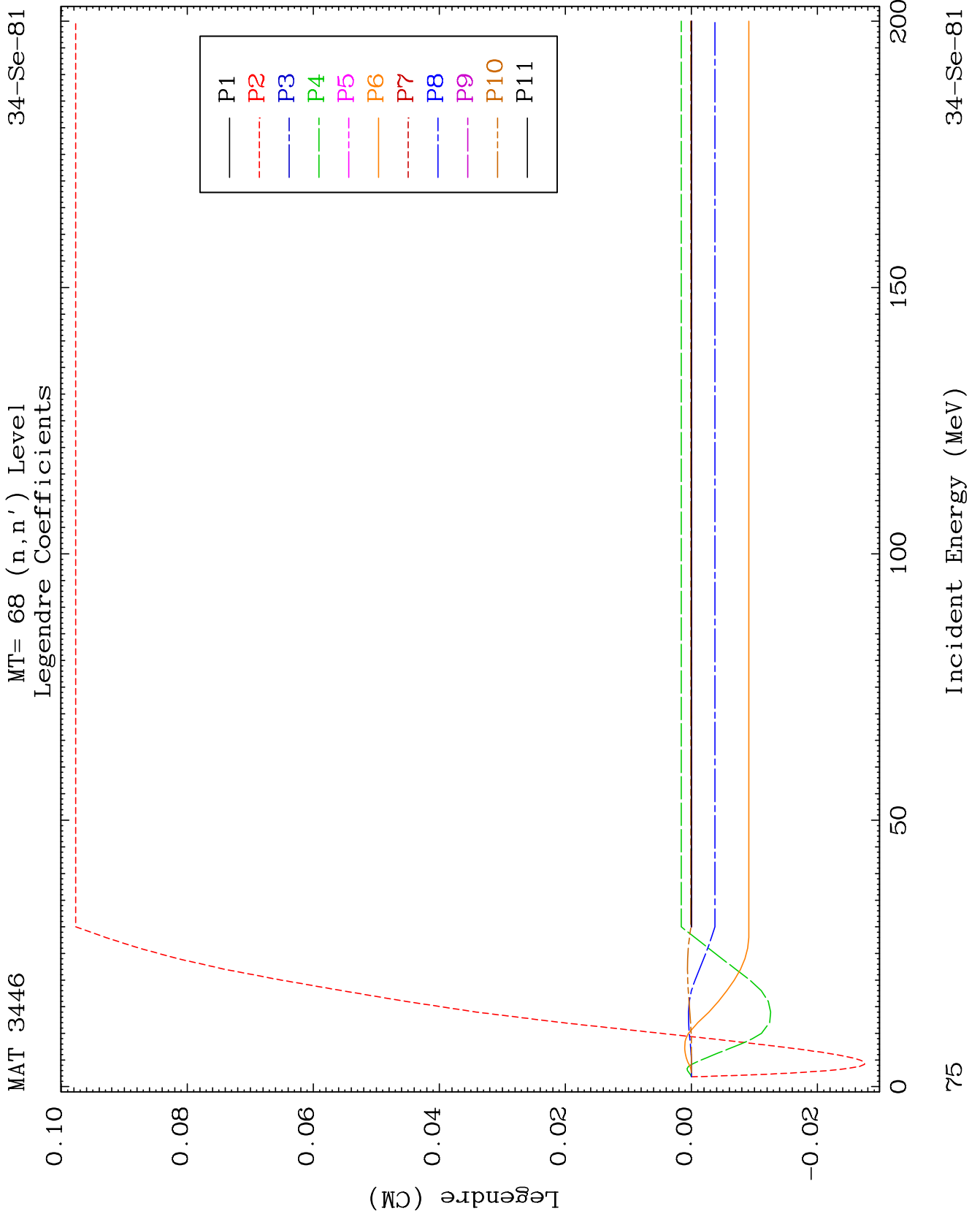


MAT 3446

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

34-Se-81

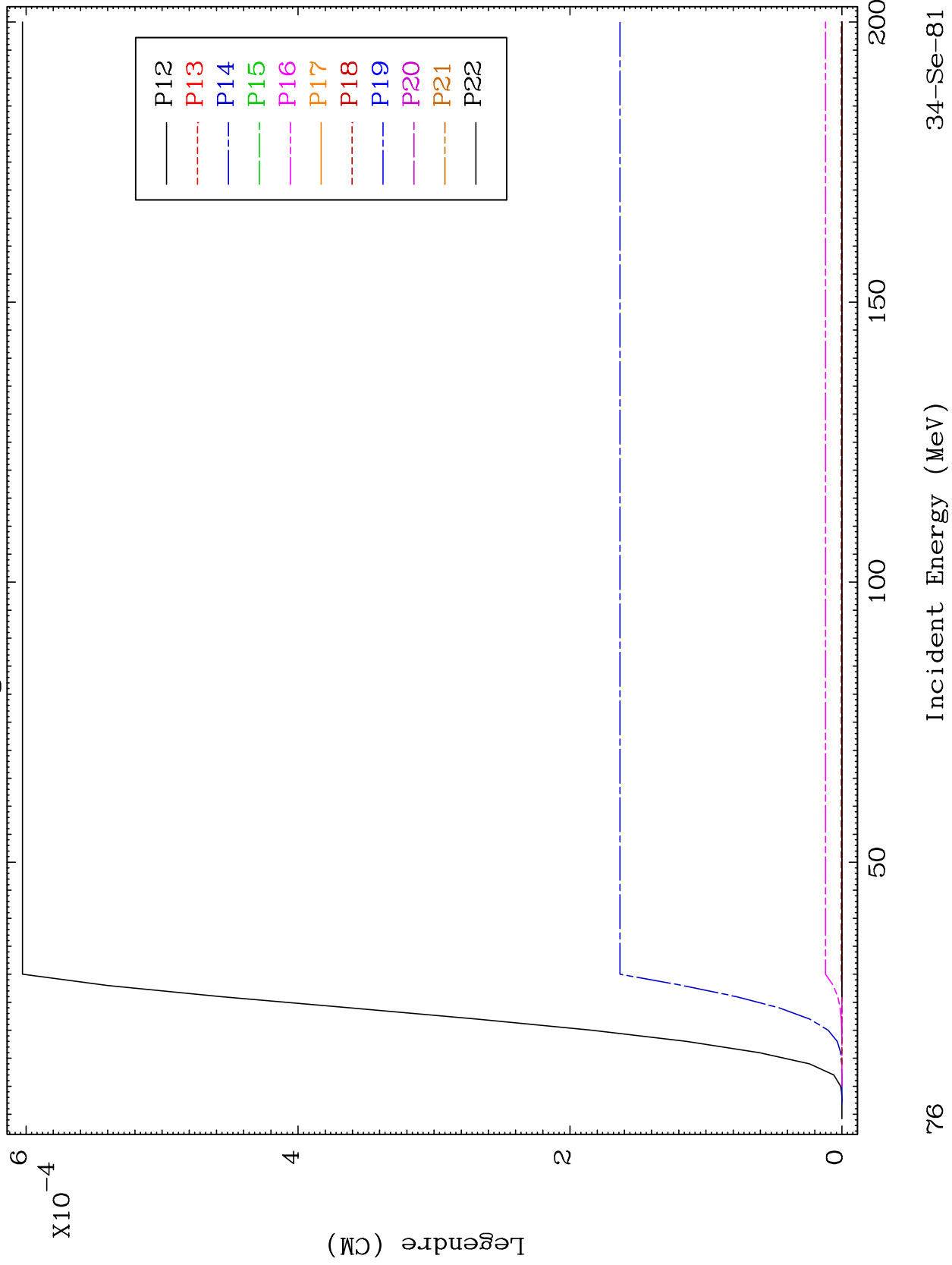




MAT 3446

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

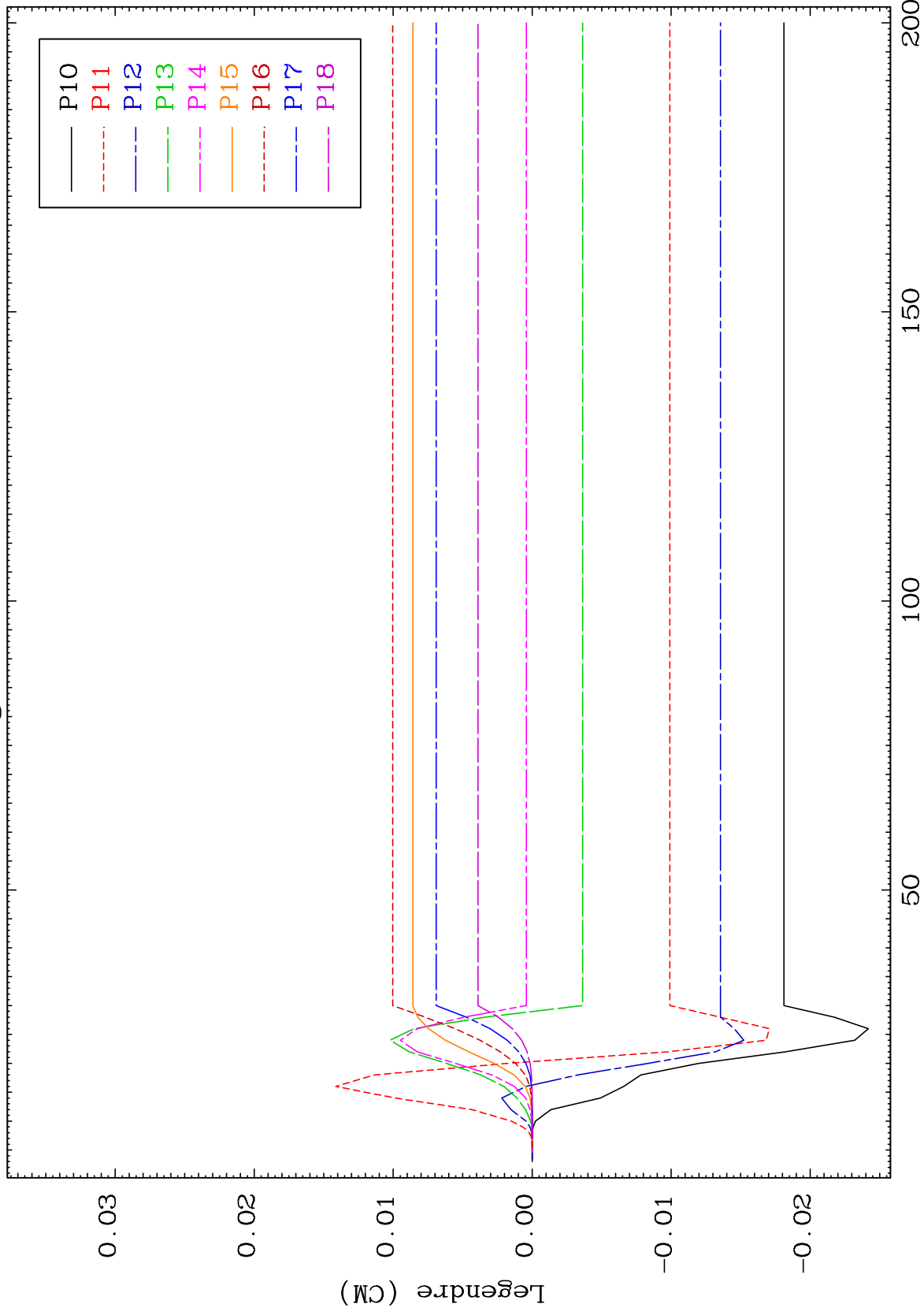
34-Se-81



MAT 3446

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

³⁴Se-81



78

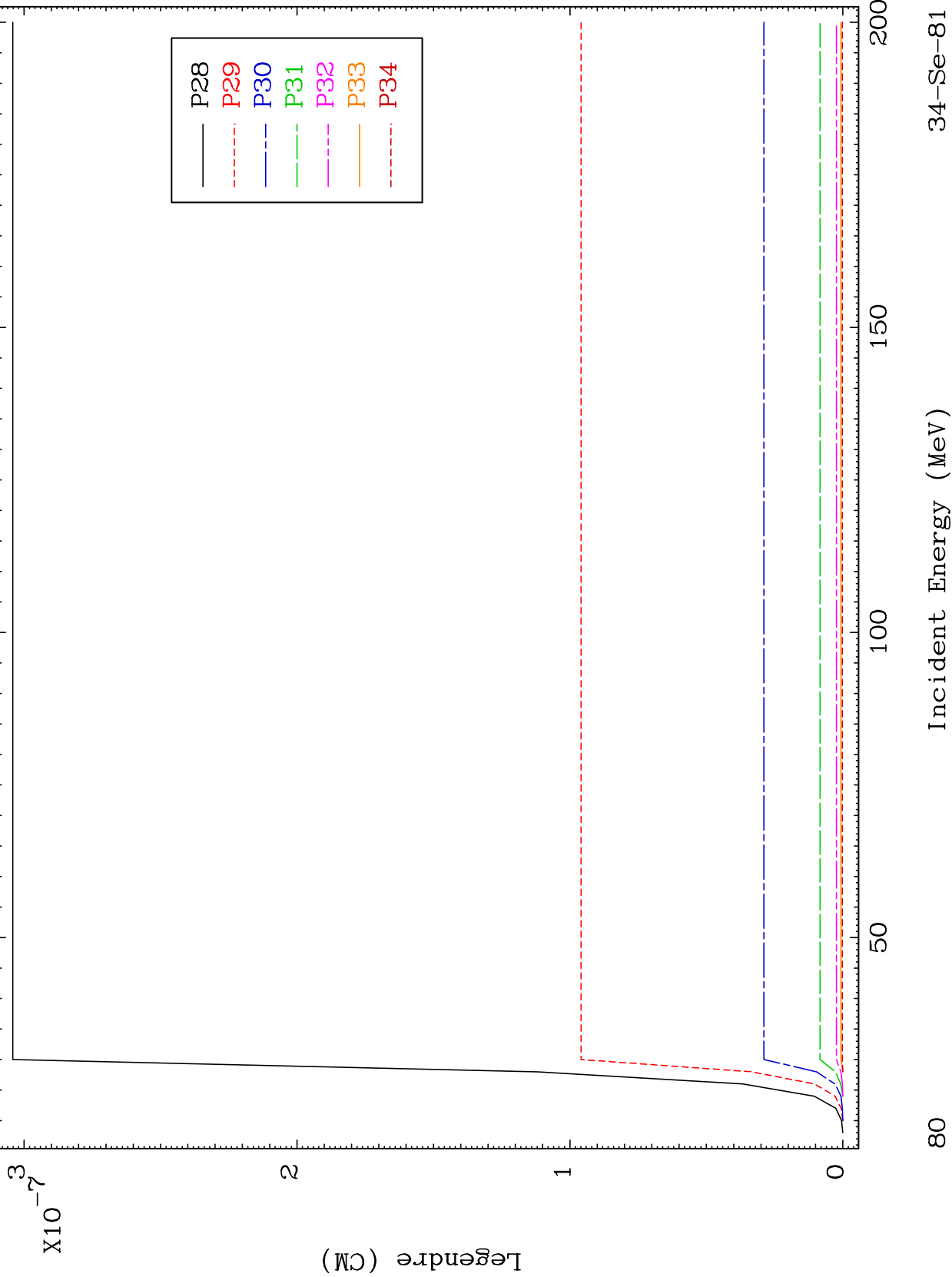
Incident Energy (MeV)

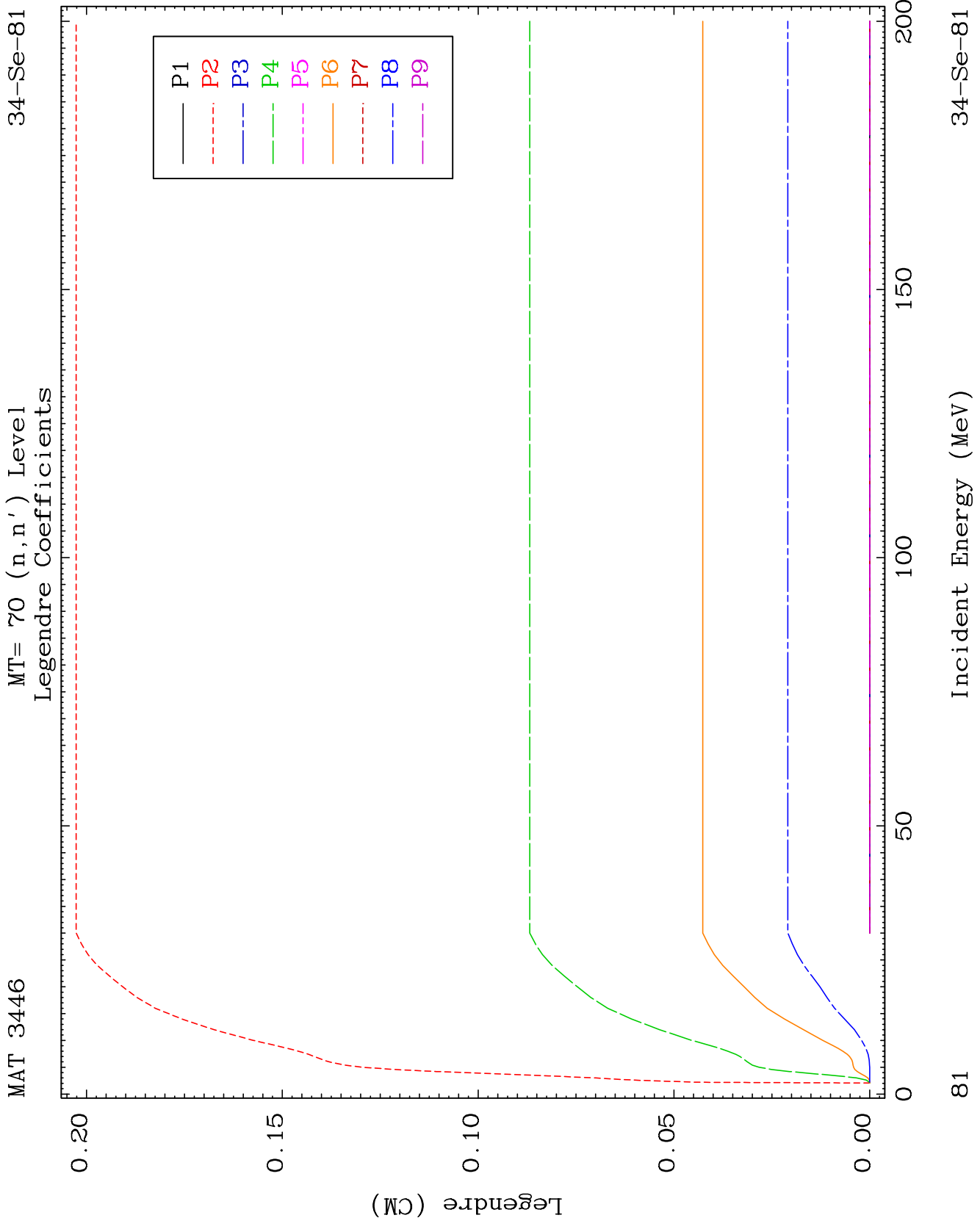
³⁴Se-81

MAT 3446

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

³⁴Se-81

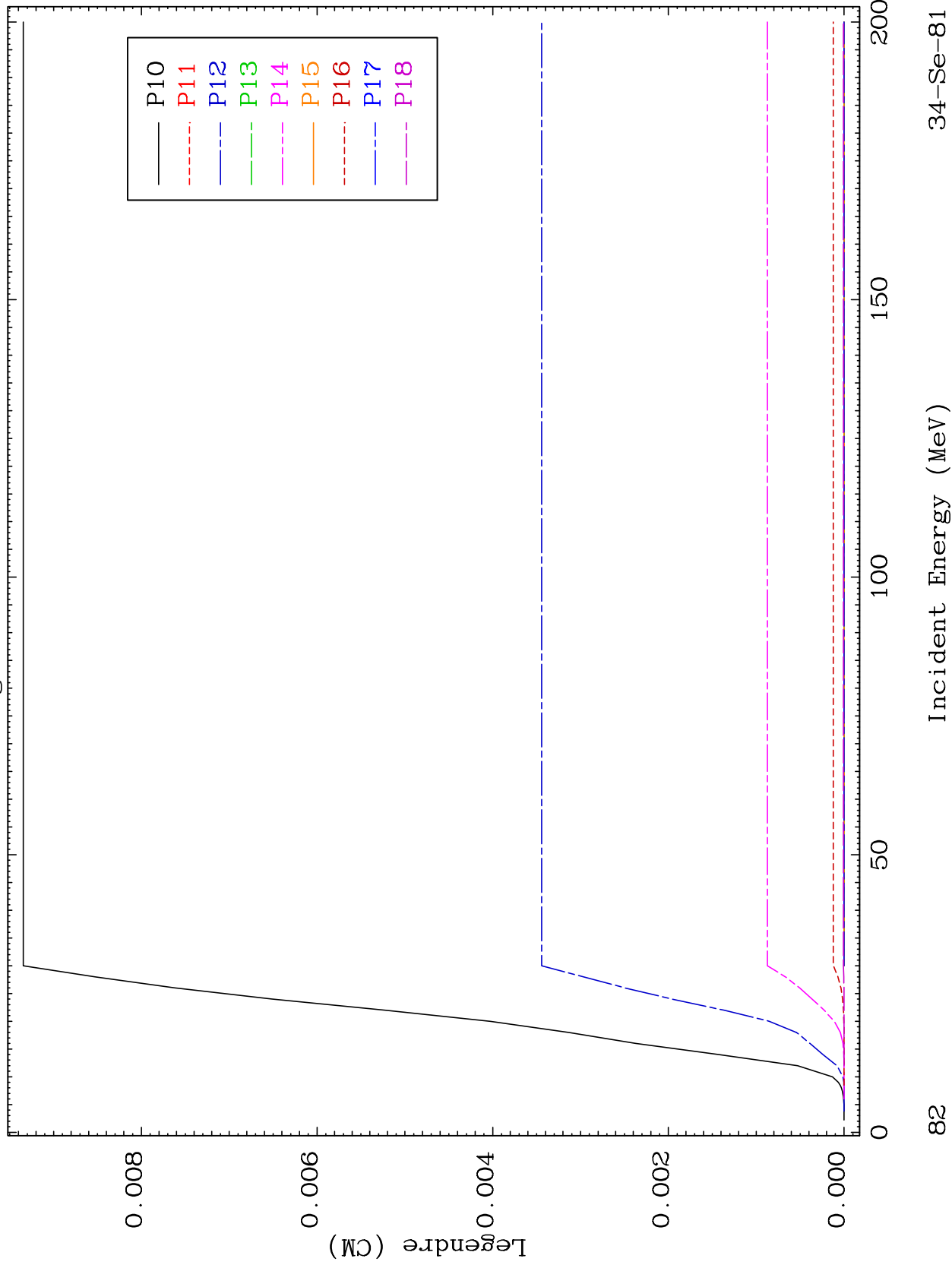


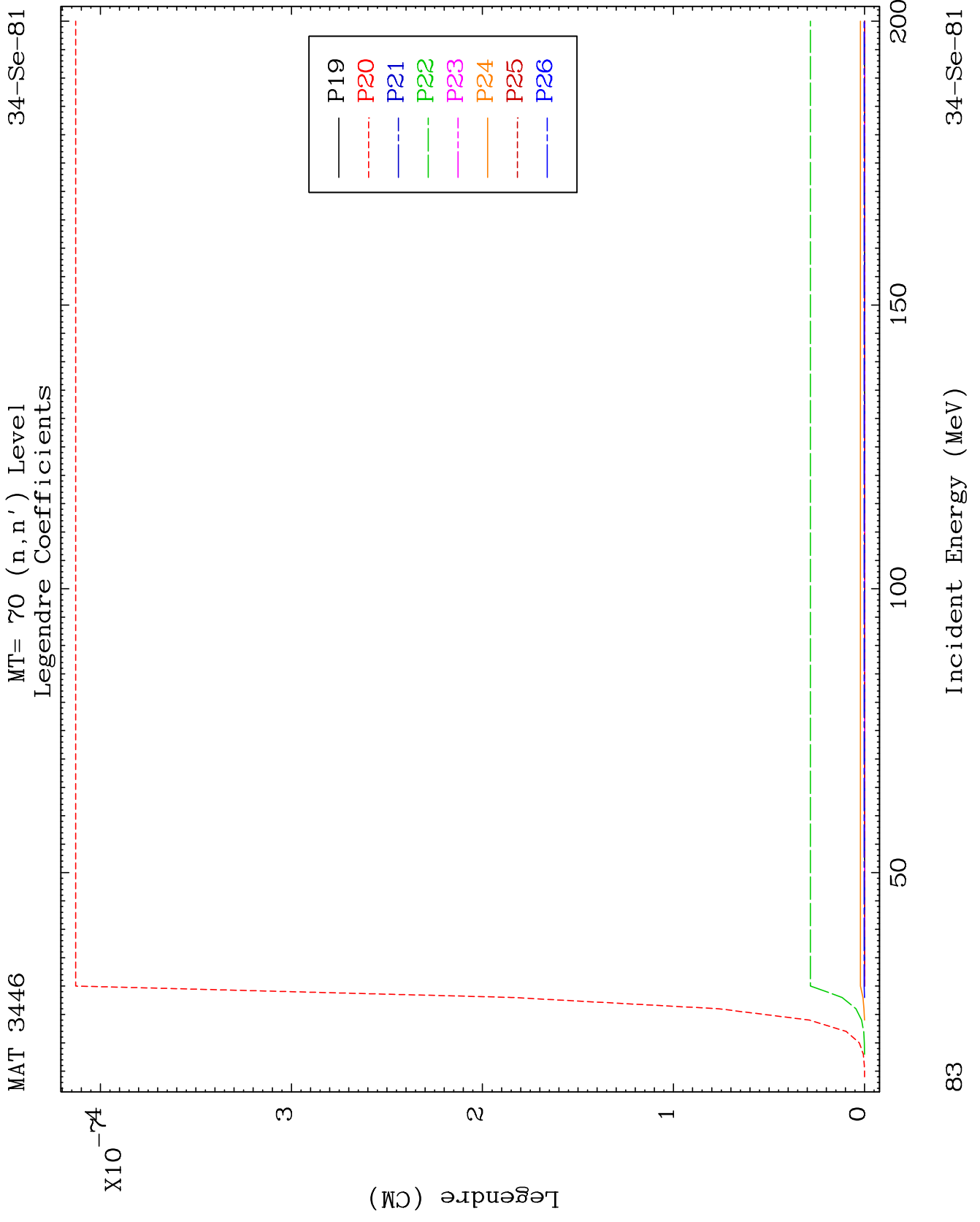


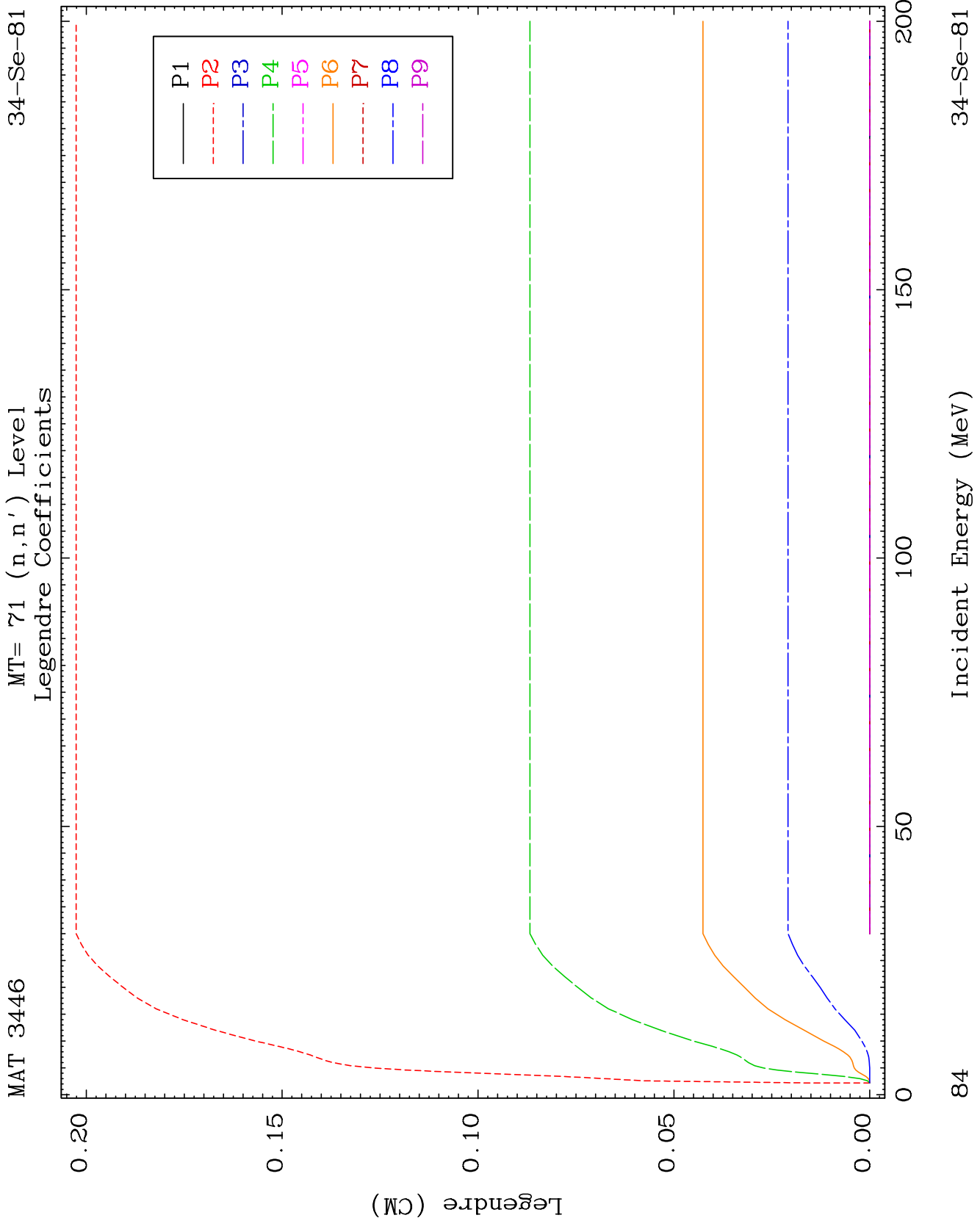
MAT 3446

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

34-Se-81



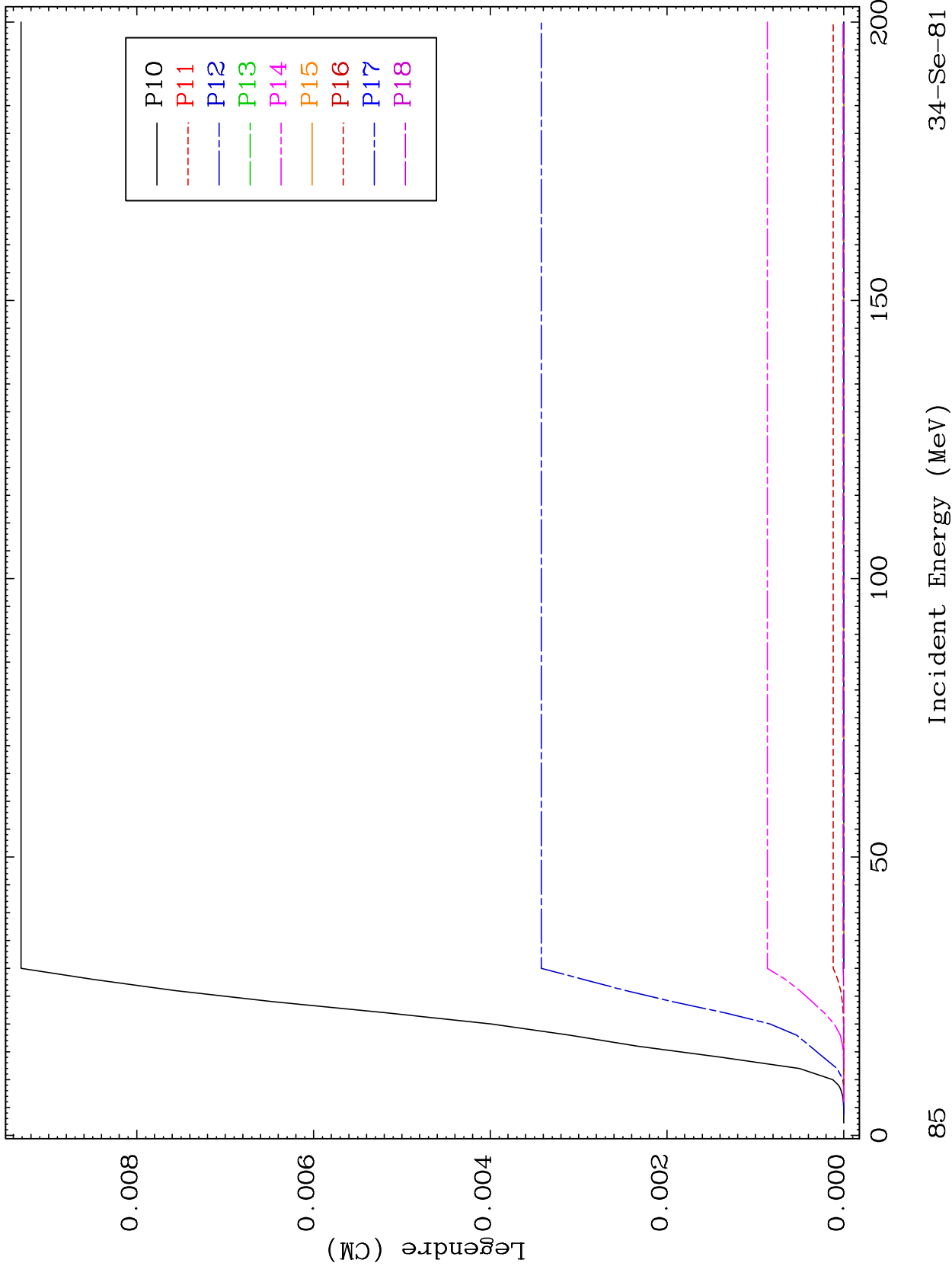




MAT 3446

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

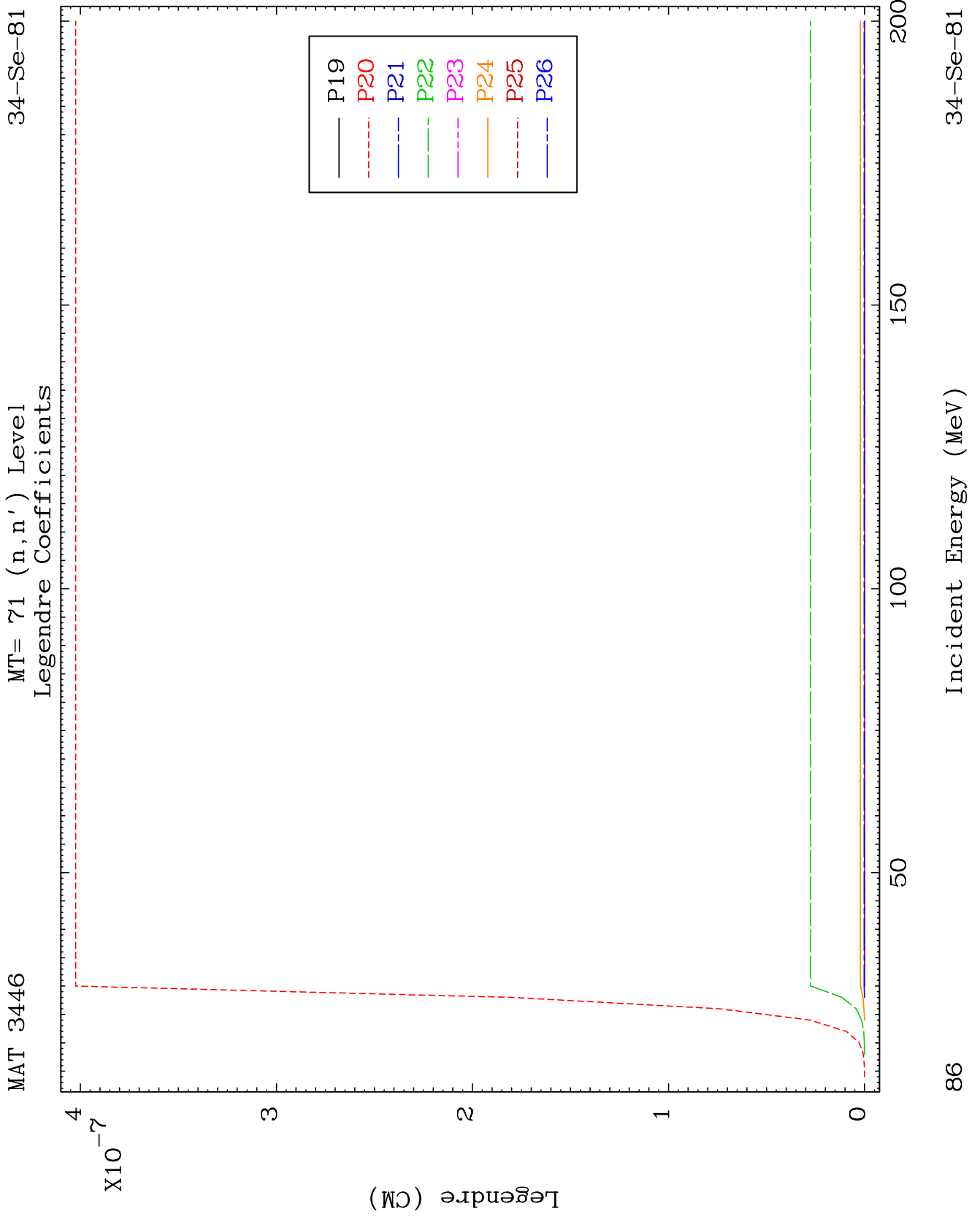
34-Se-81

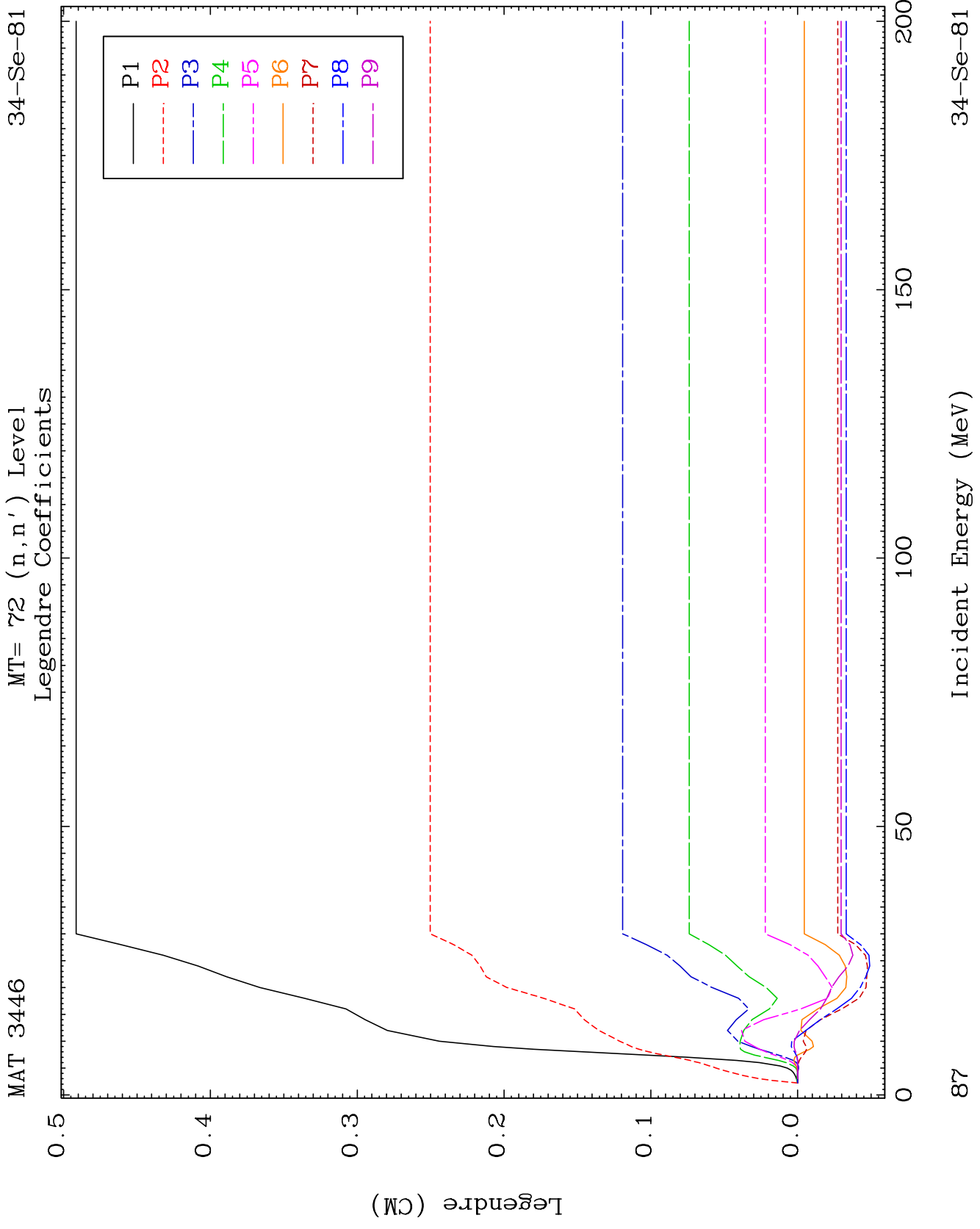


34-Se-81

Incident Energy (MeV)

85

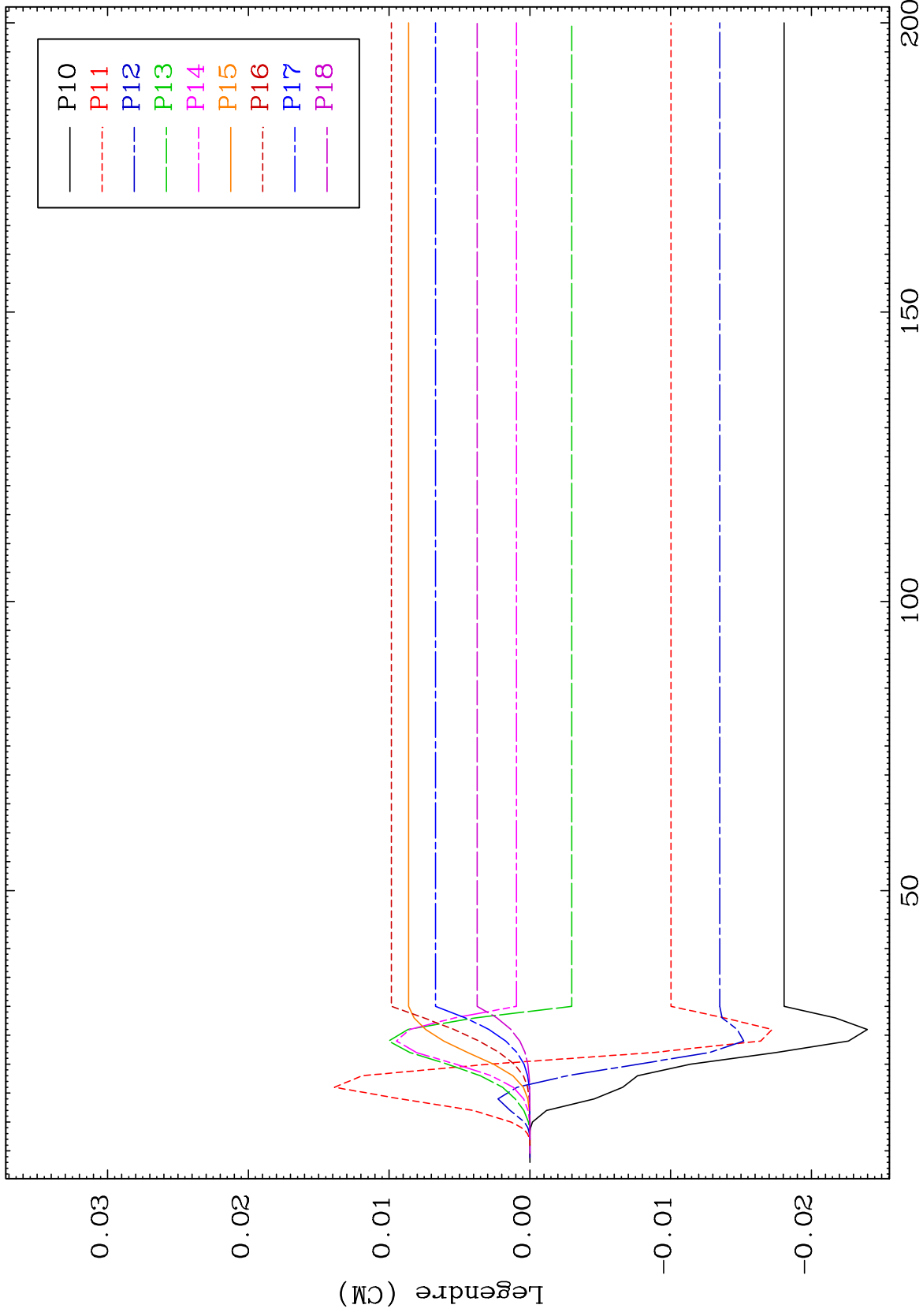




MAT 3446

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

³⁴Se-81



88

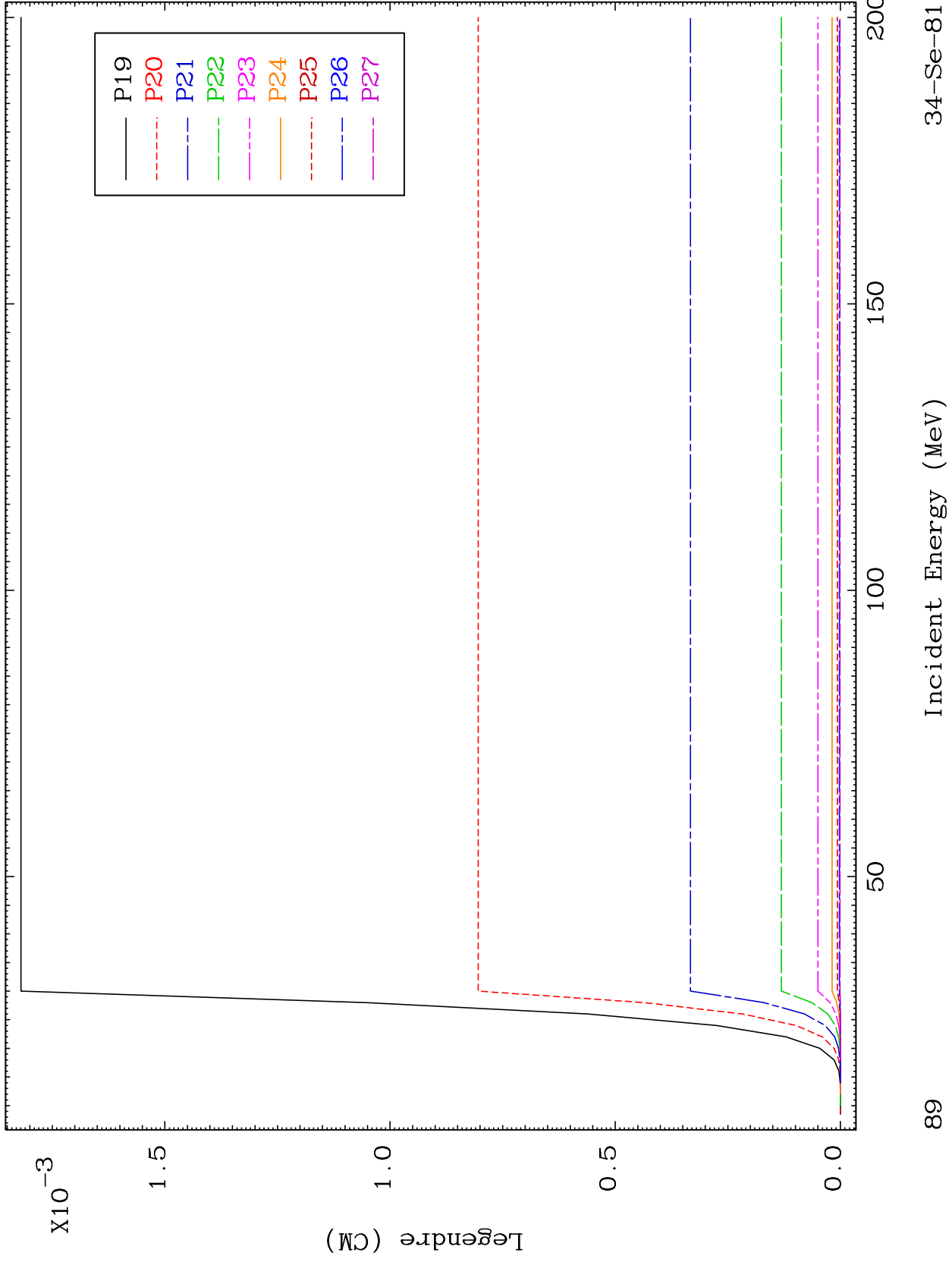
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

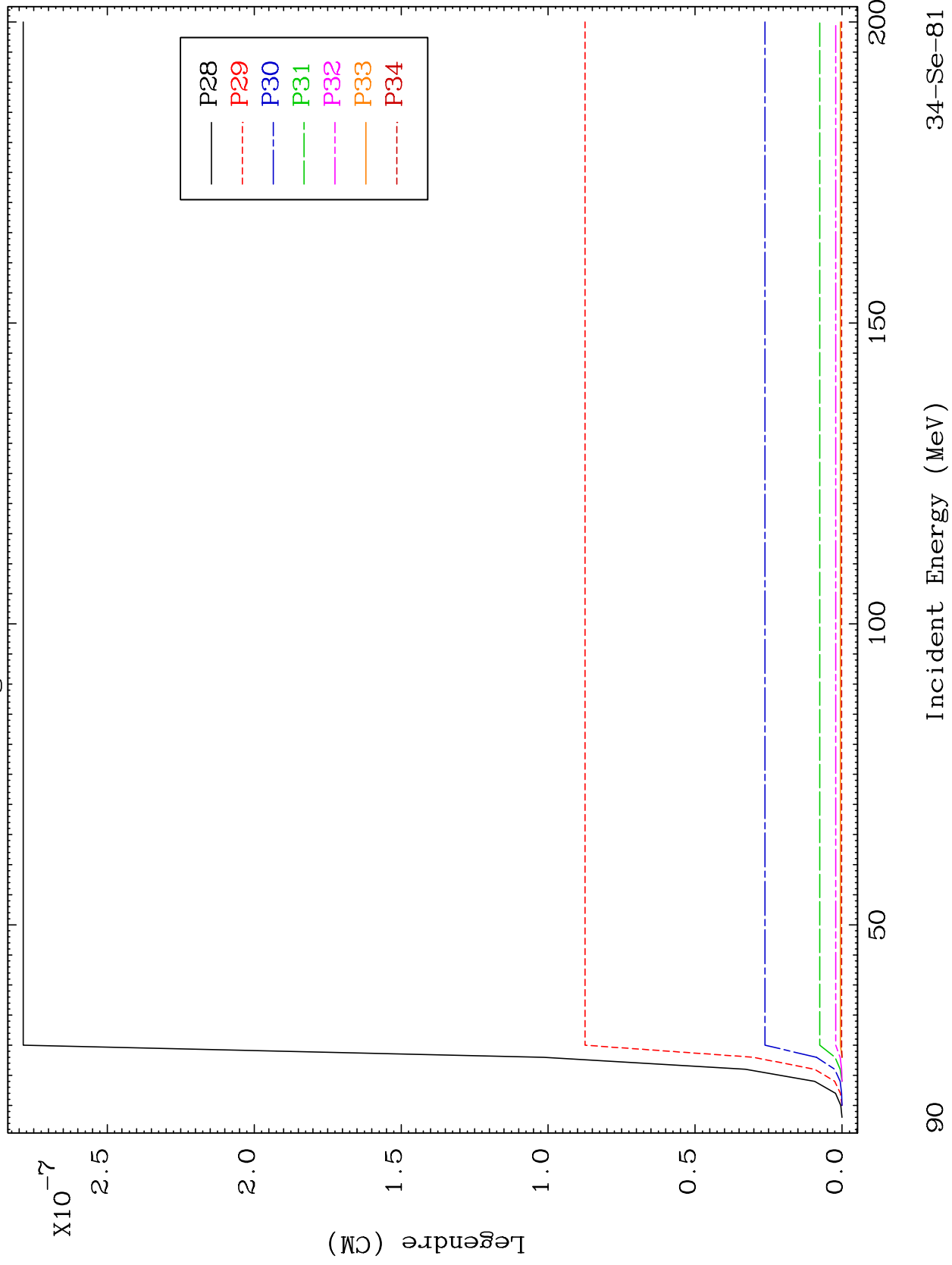
34-Se-81

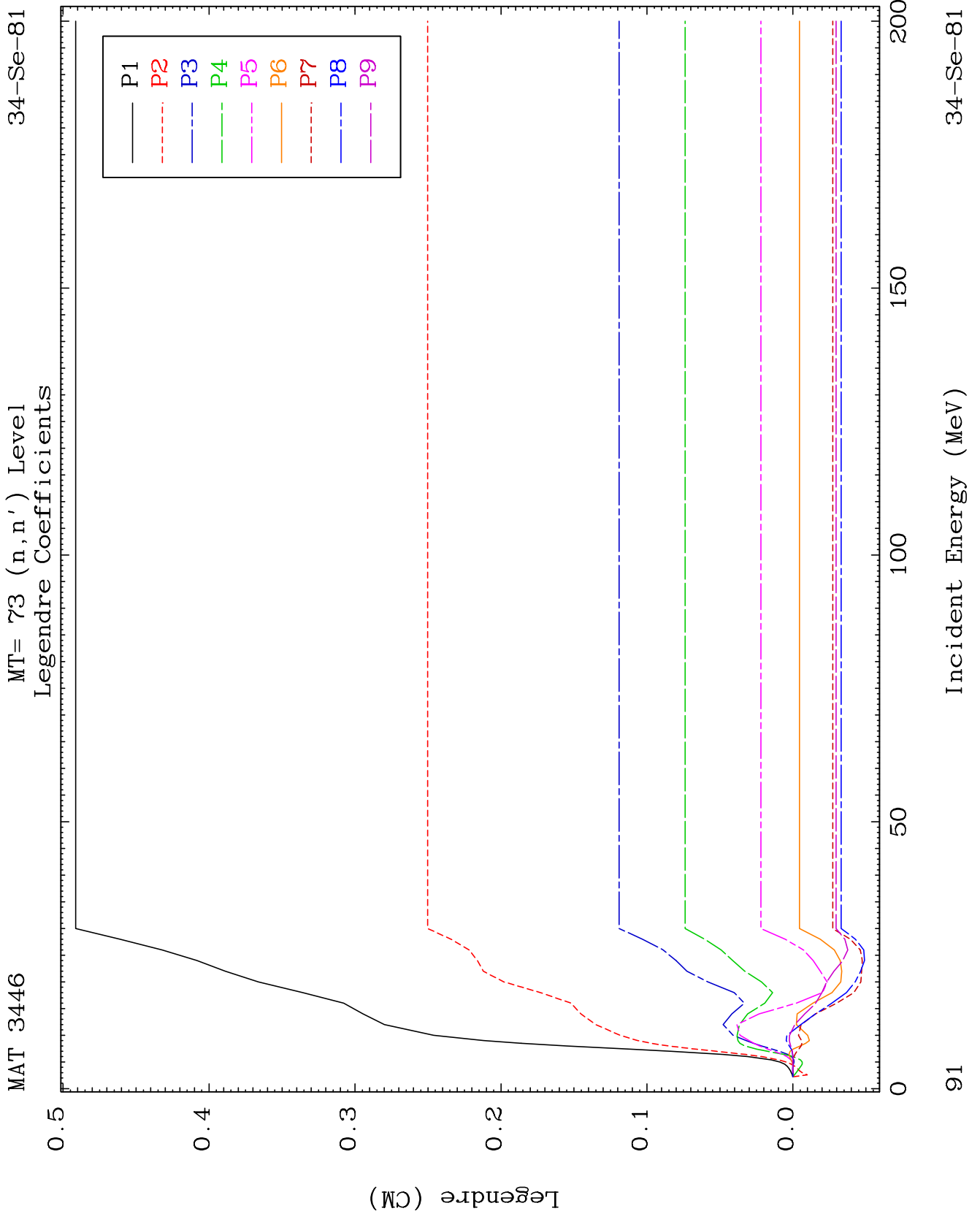


MAT 3446

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

³⁴Se-81

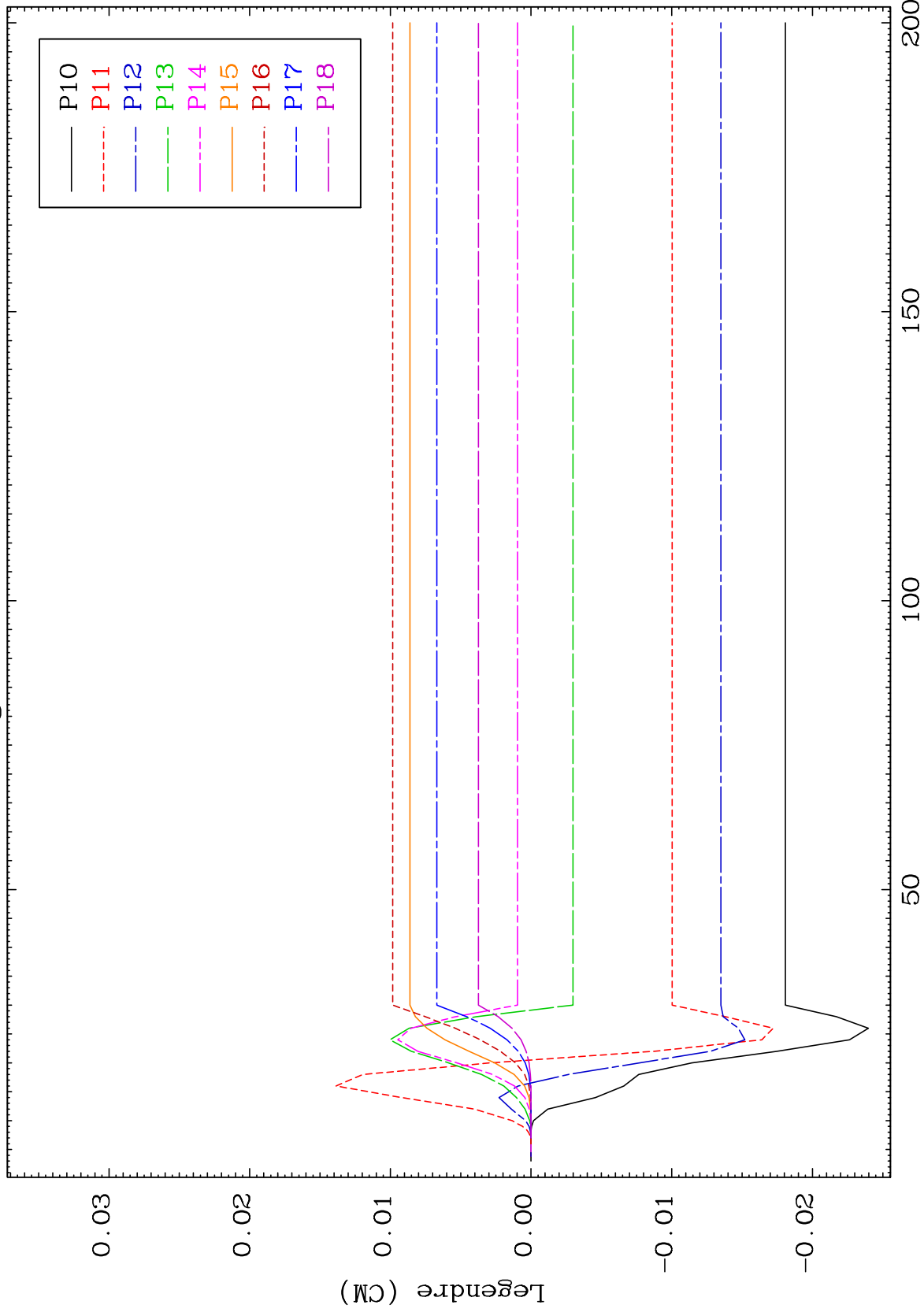




MAT 3446

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

³⁴Se-81



92

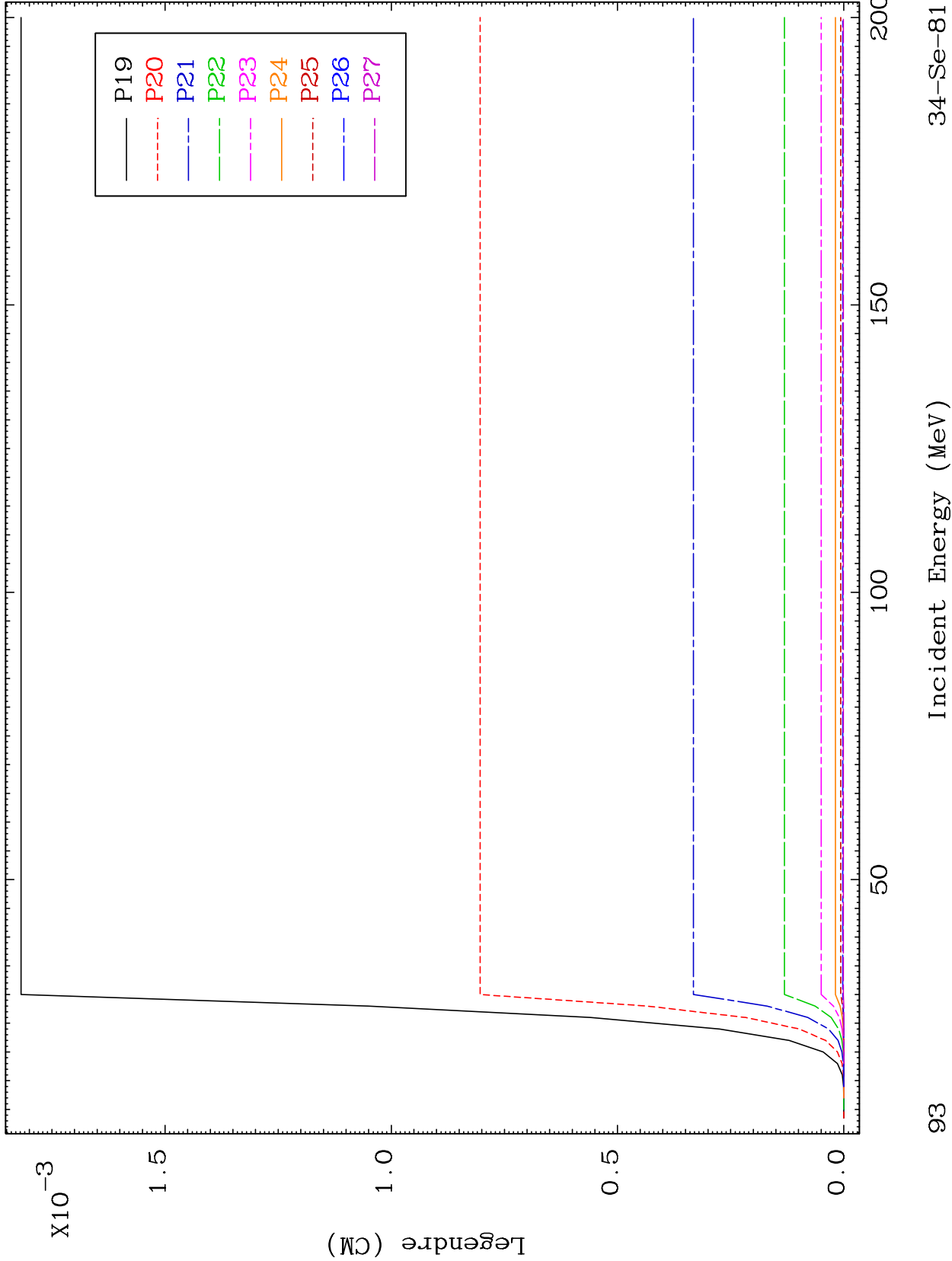
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

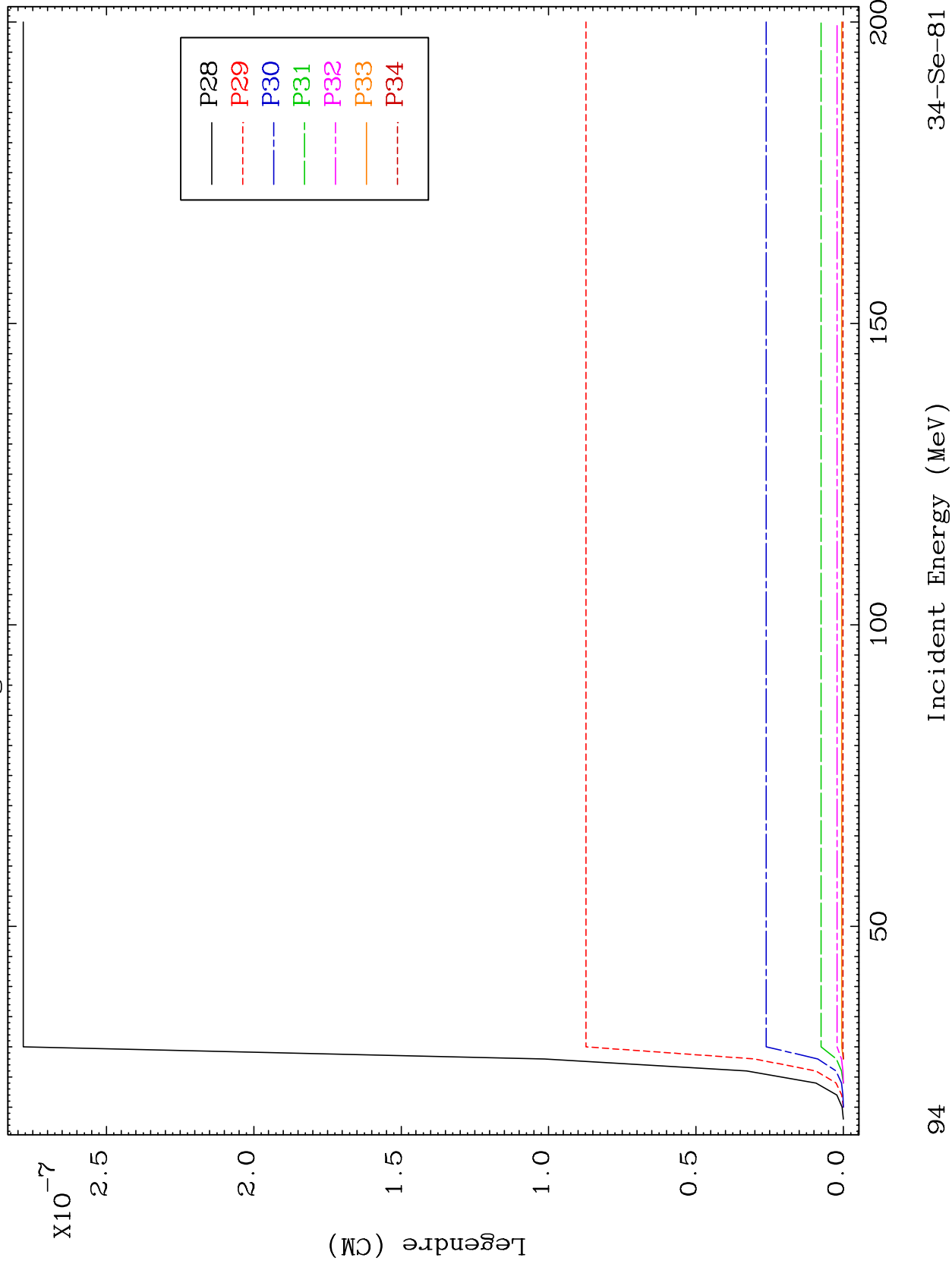
34-Se-81

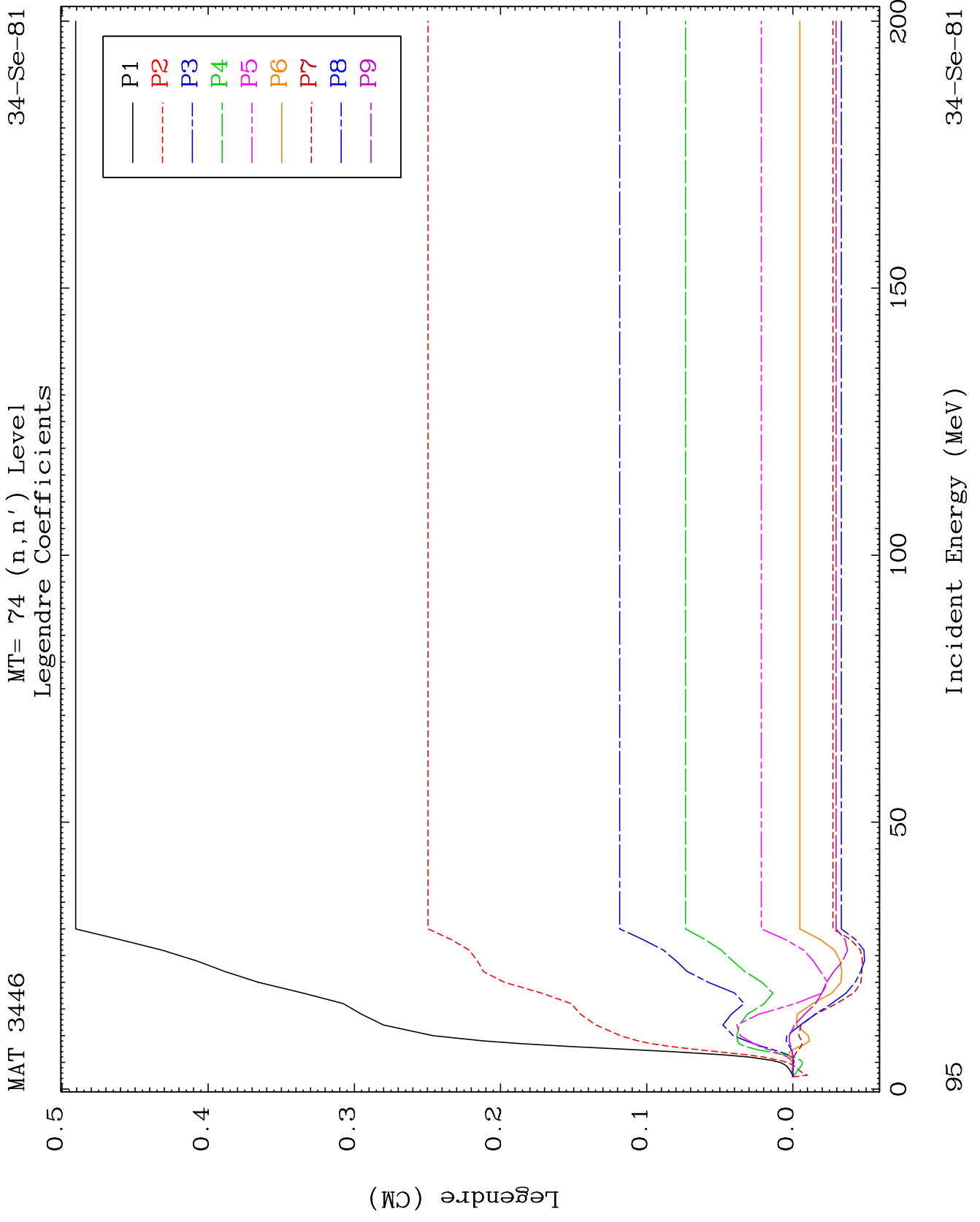


MAT 3446

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

³⁴Se-81

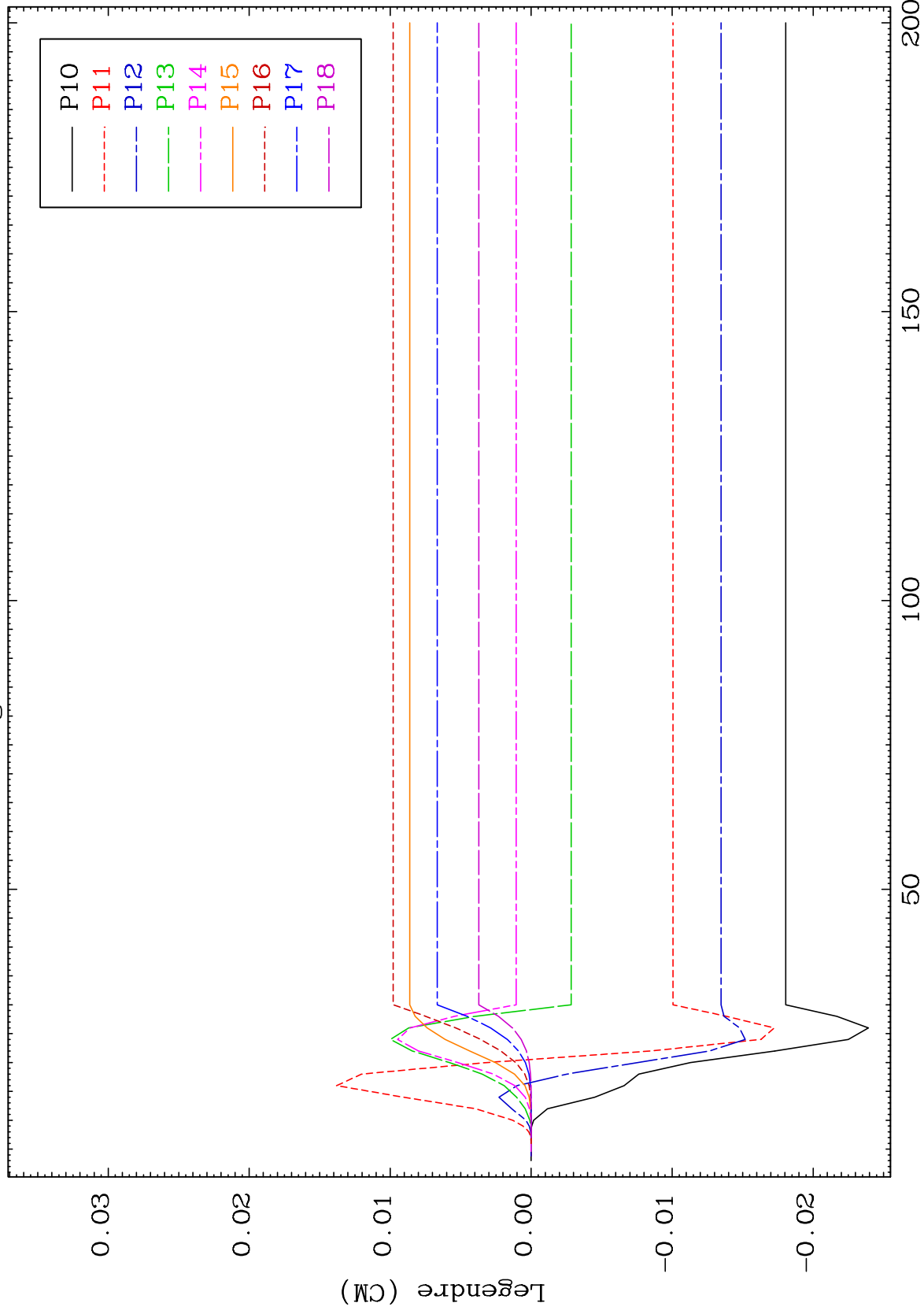




MAT 3446

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

³⁴Se-81



96

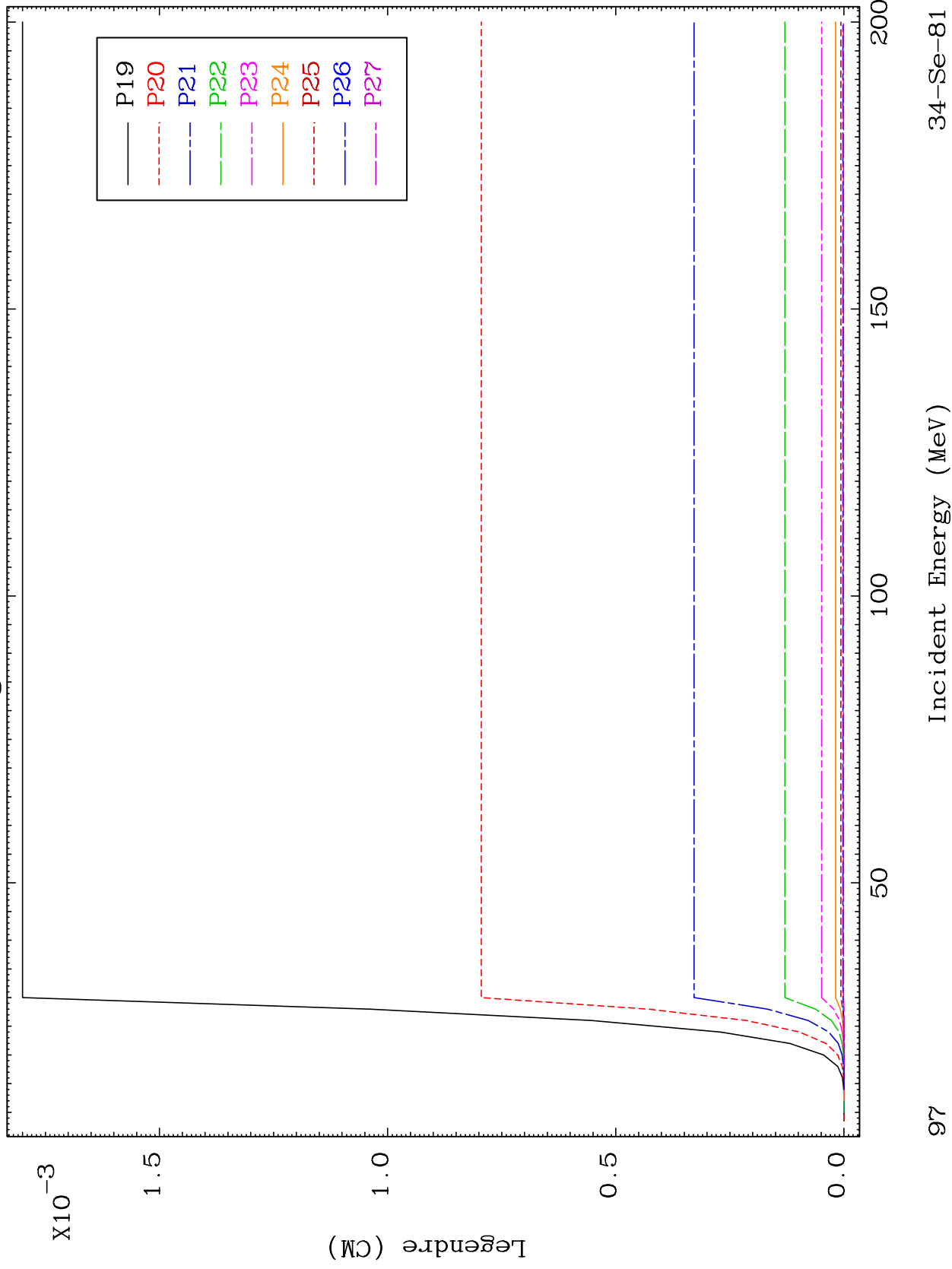
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

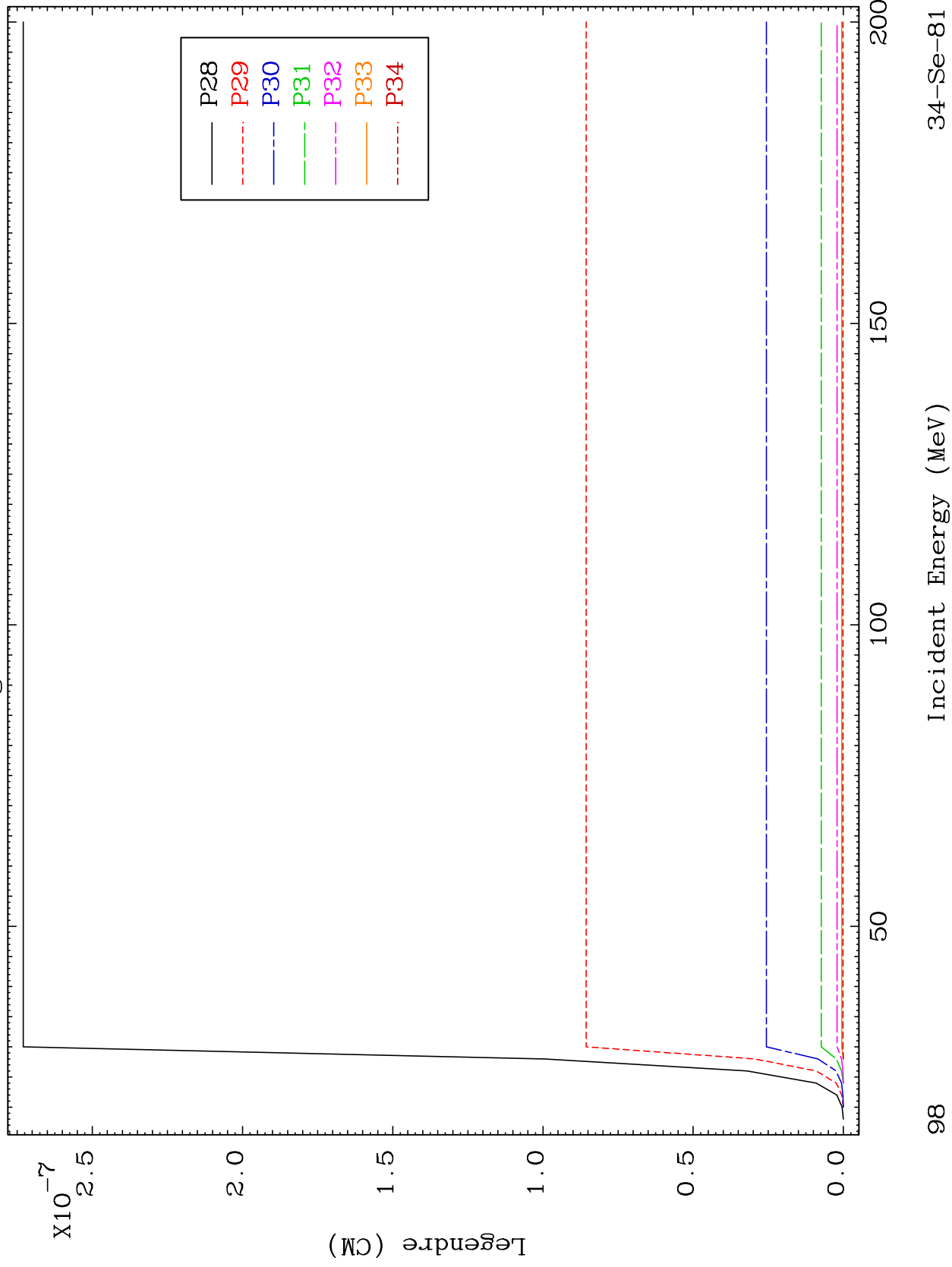
34-Se-81

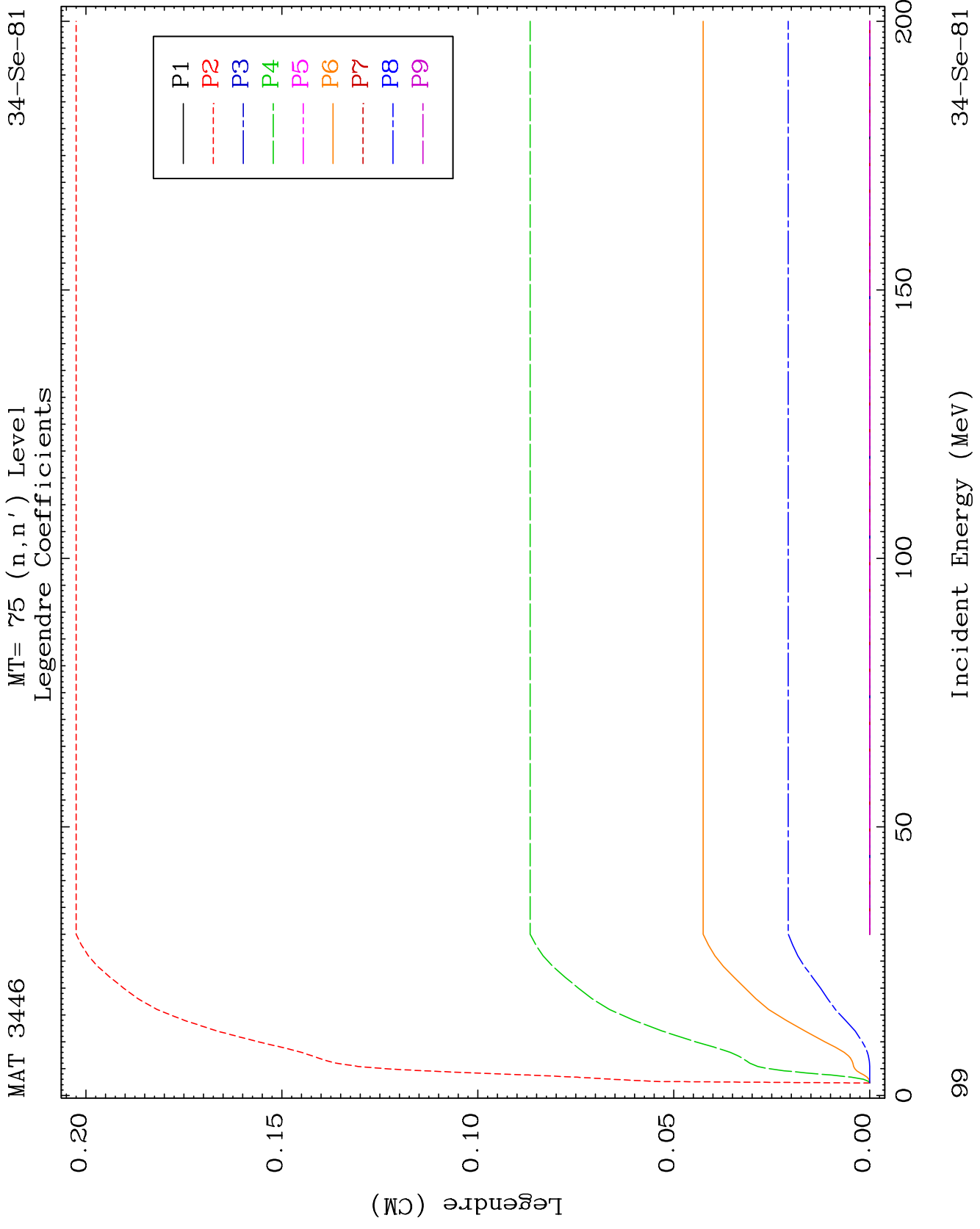


MAT 3446

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

34-Se-81

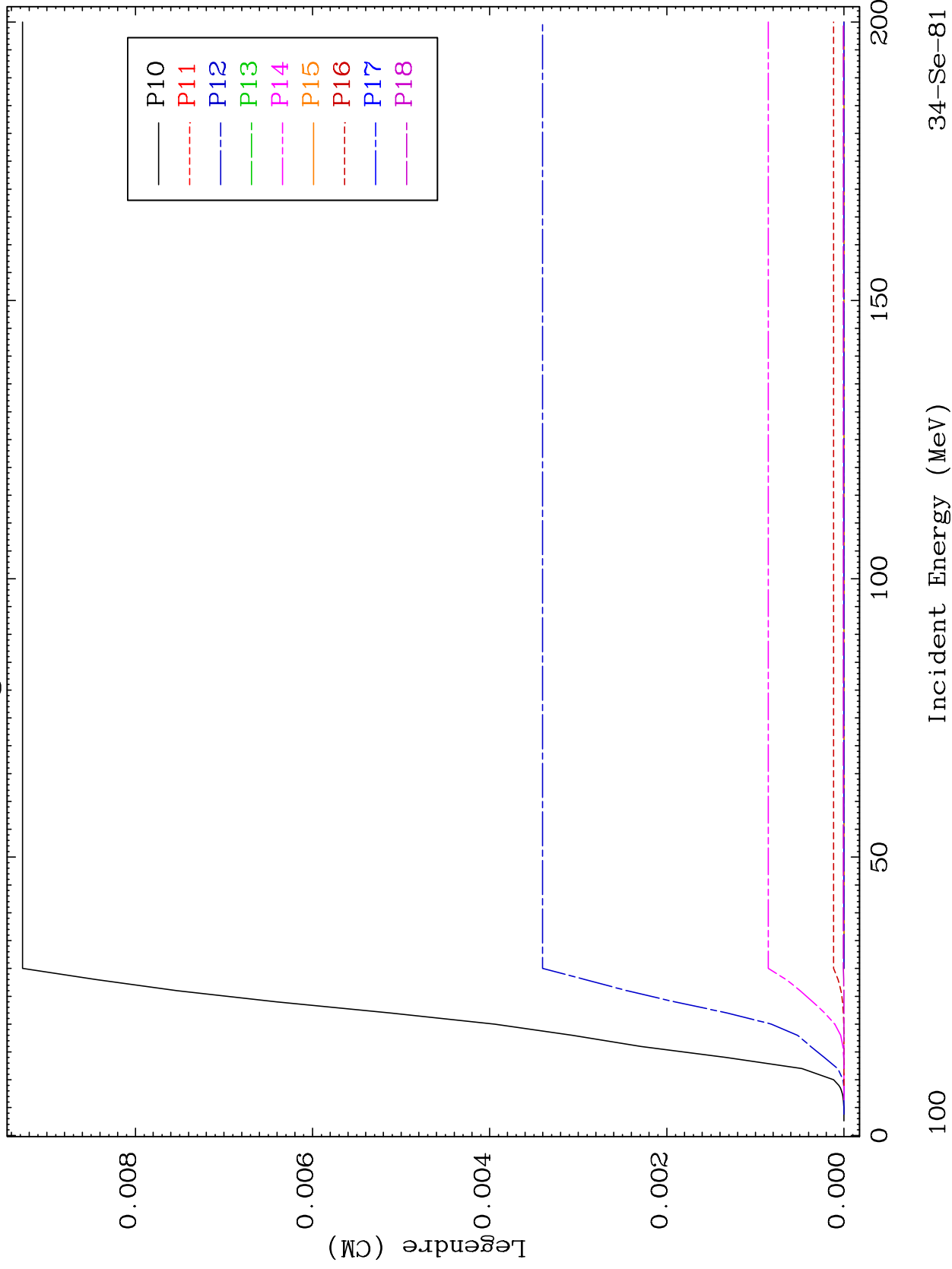




MAT 3446

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

³⁴Se-81

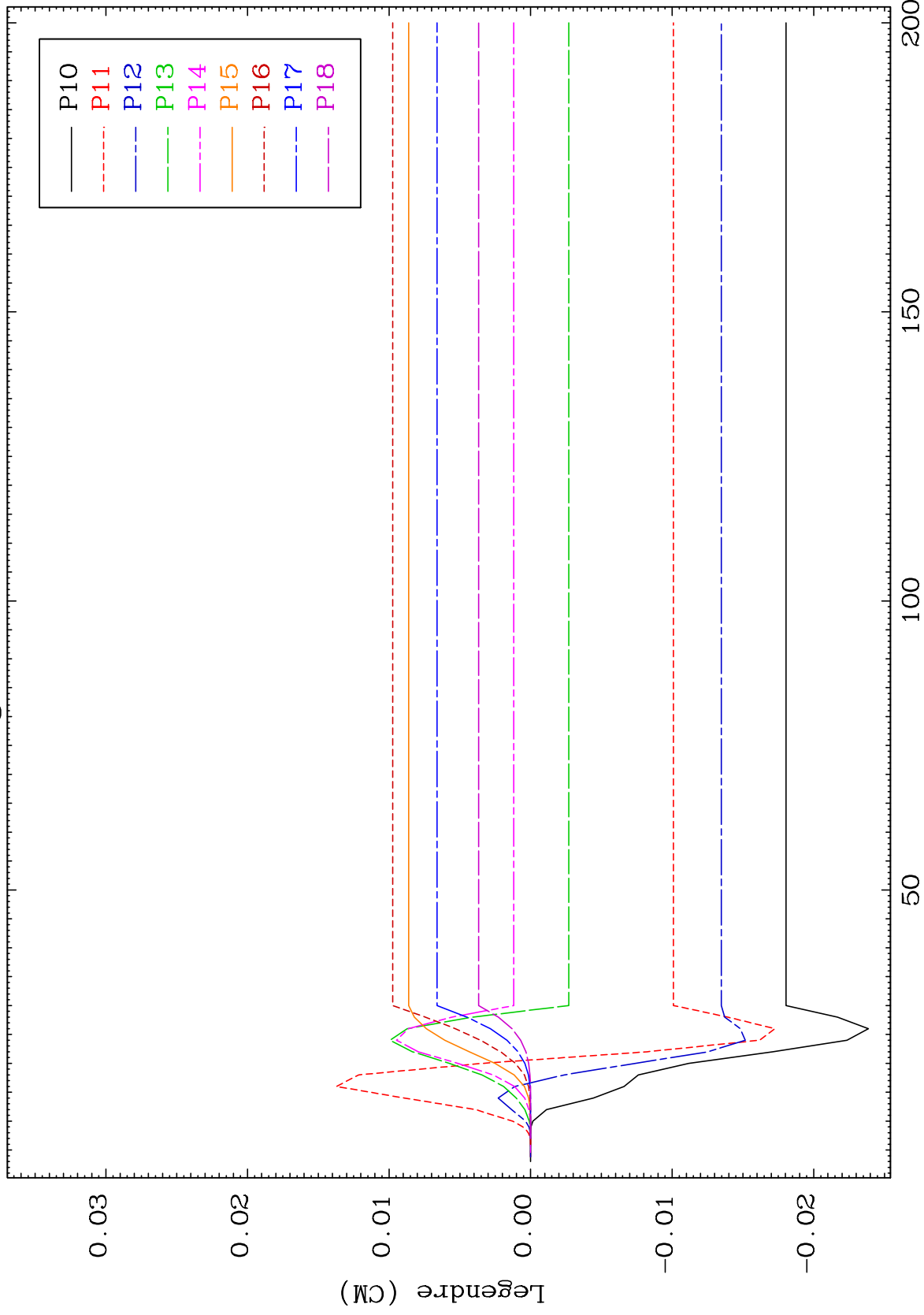


³⁴Se-81

MAT 3446

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

³⁴Se-81



103

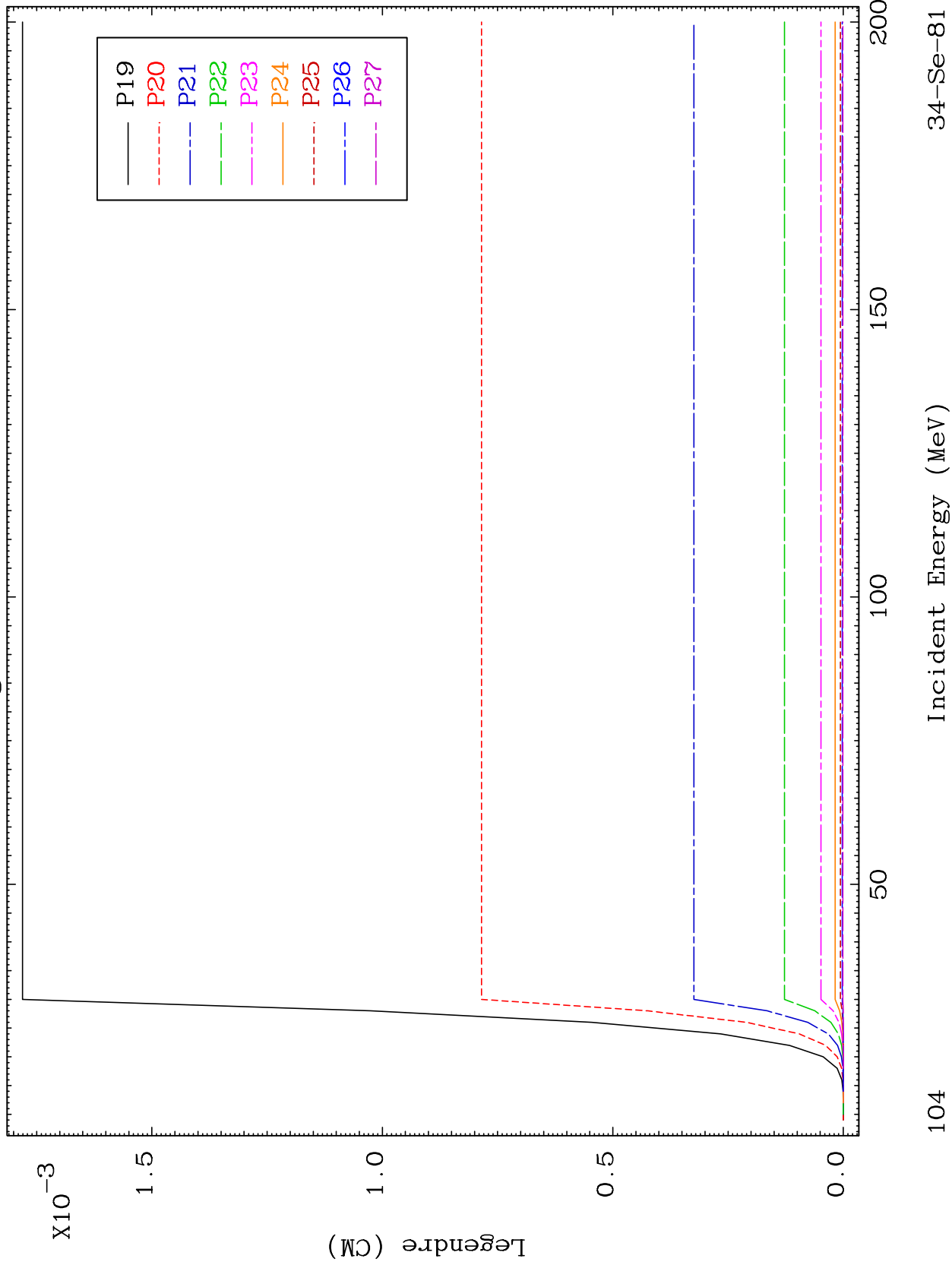
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

34-Se-81

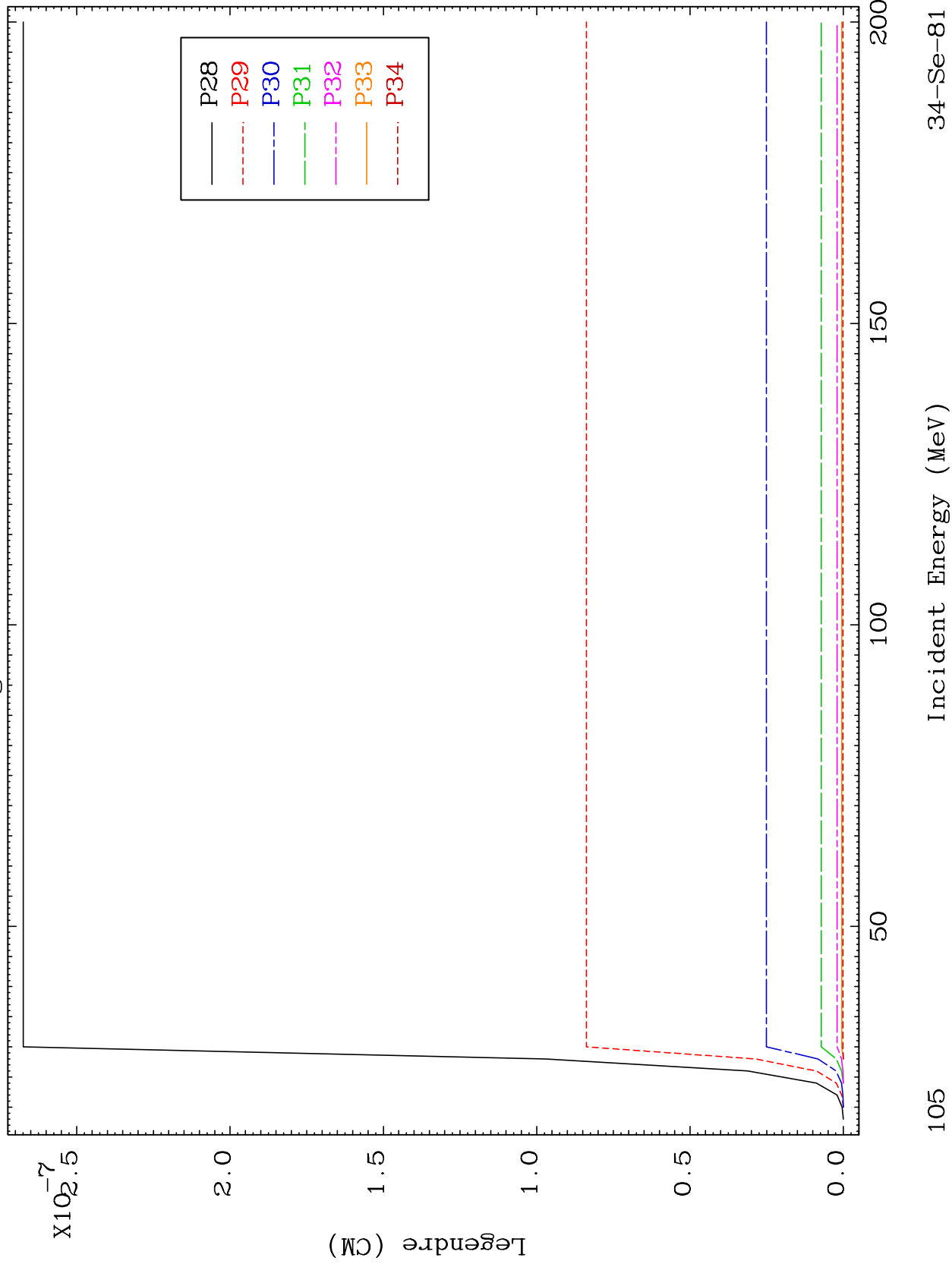


104

MAT 3446

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

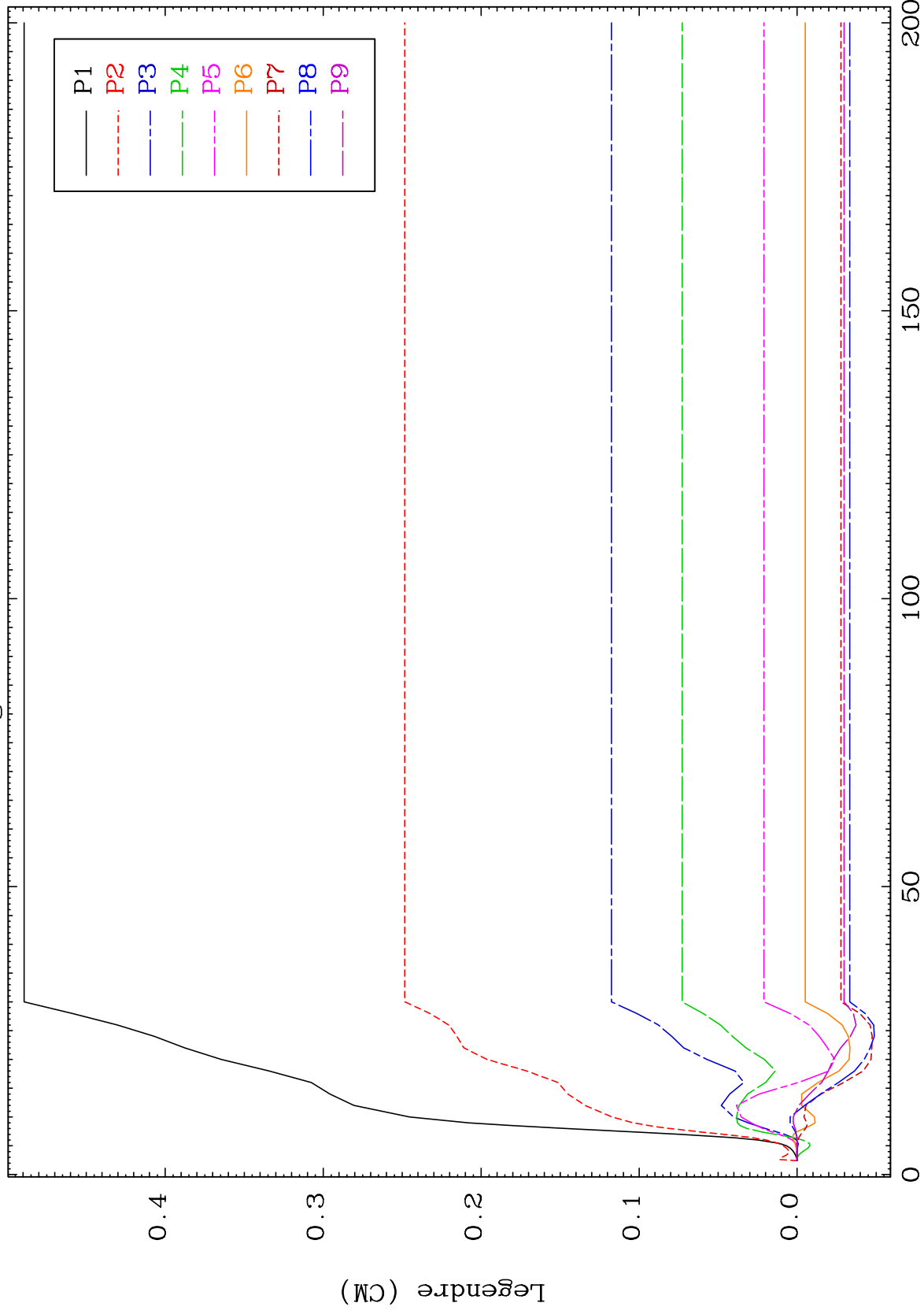
34-Se-81



MAT 3446

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

³⁴Se-81



³⁴Se-81

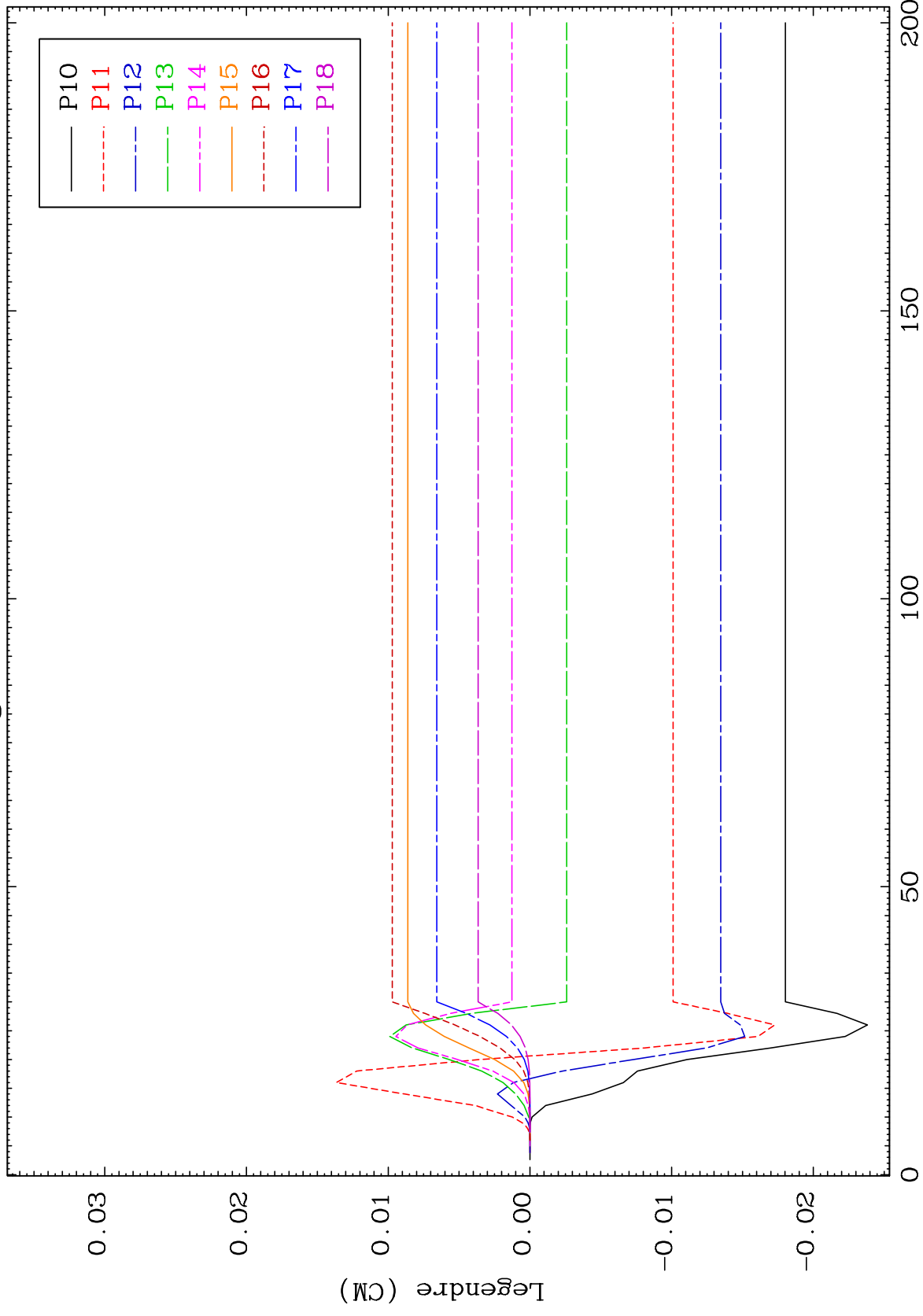
Incident Energy (MeV)

106

MAT 3446

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

³⁴Se-81



107

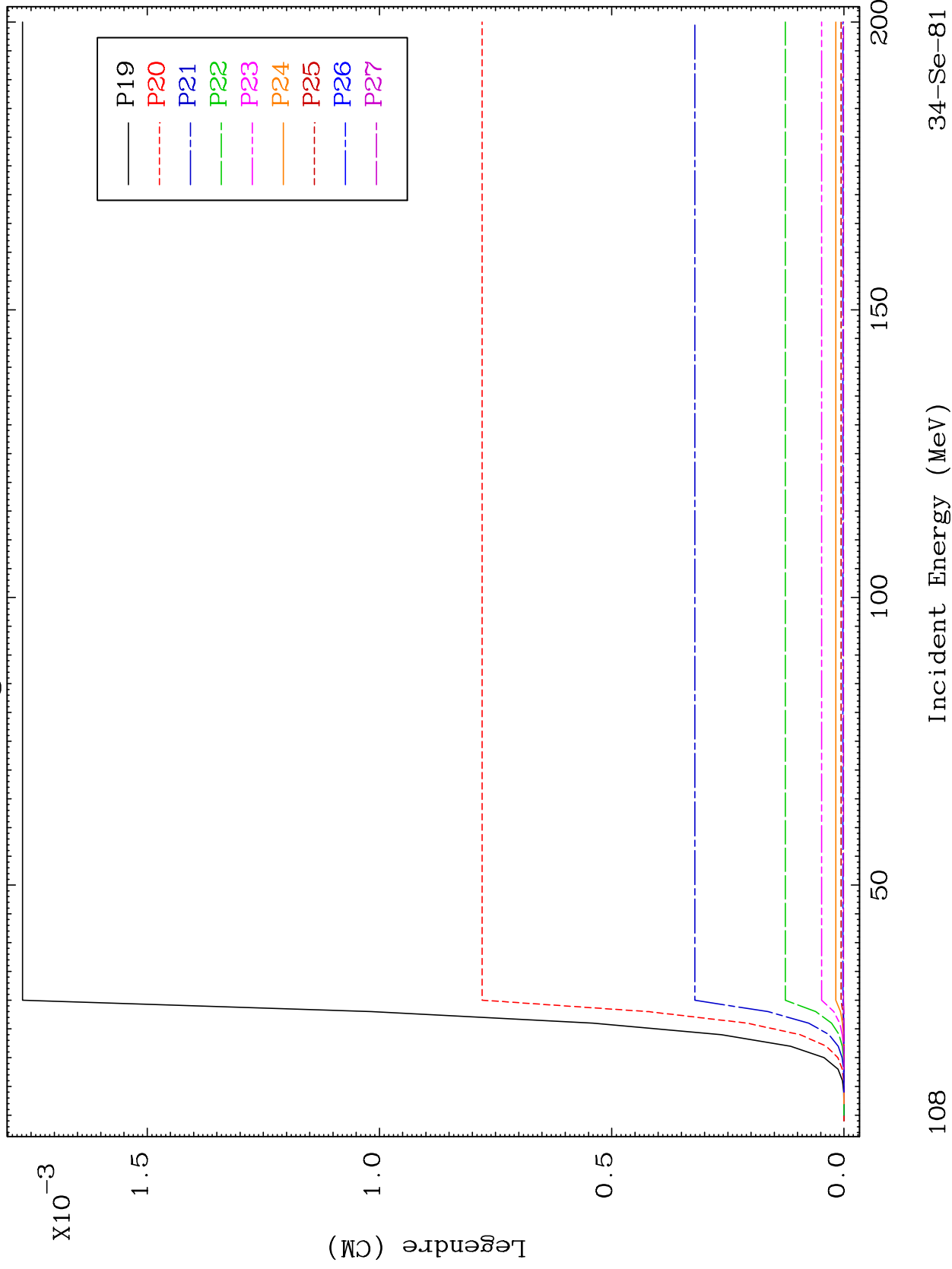
Incident Energy (MeV)

³⁴Se-81

MAT 3446

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

34-Se-81



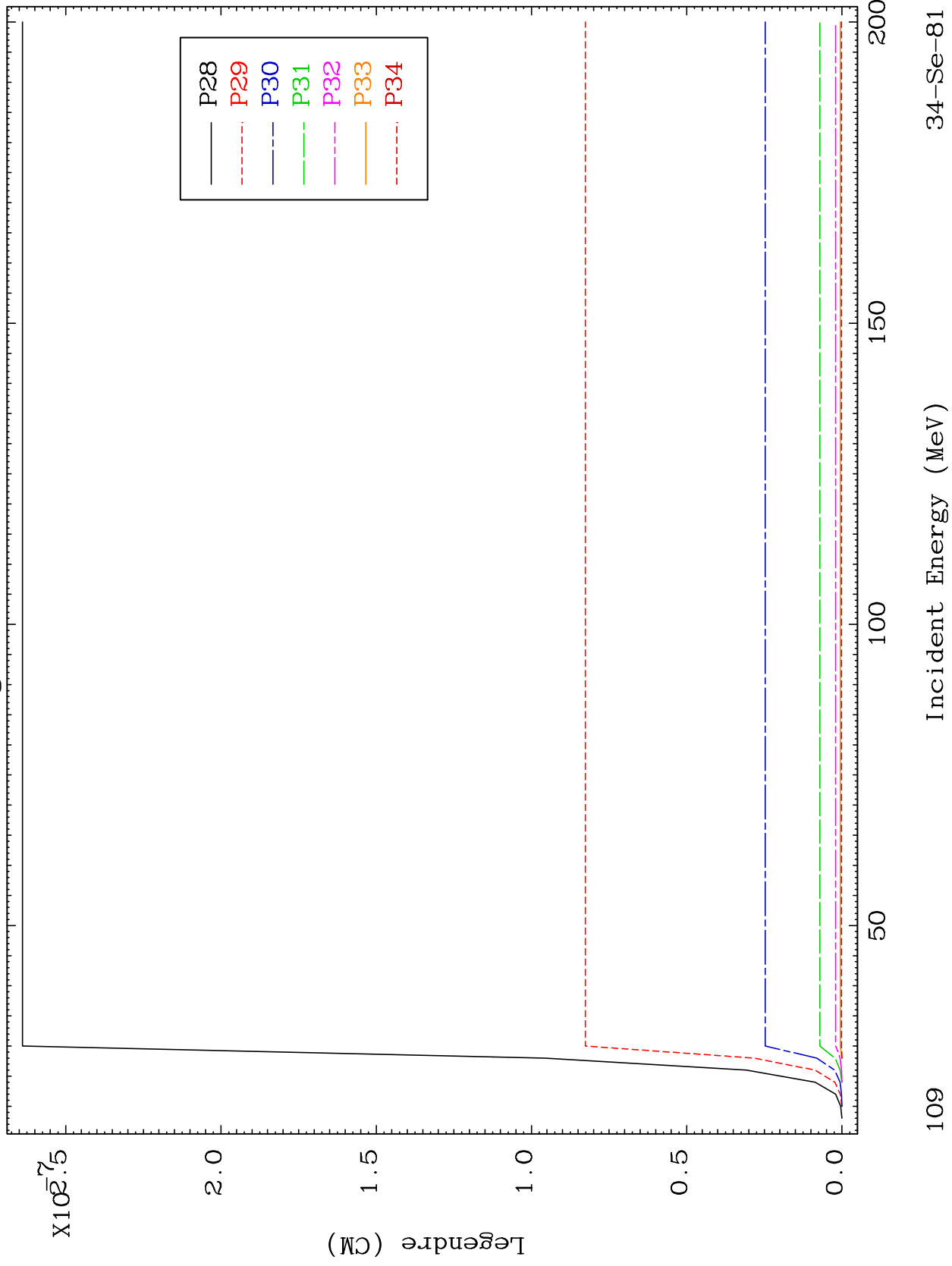
108

34-Se-81

MAT 3446

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

34-Se-81



109

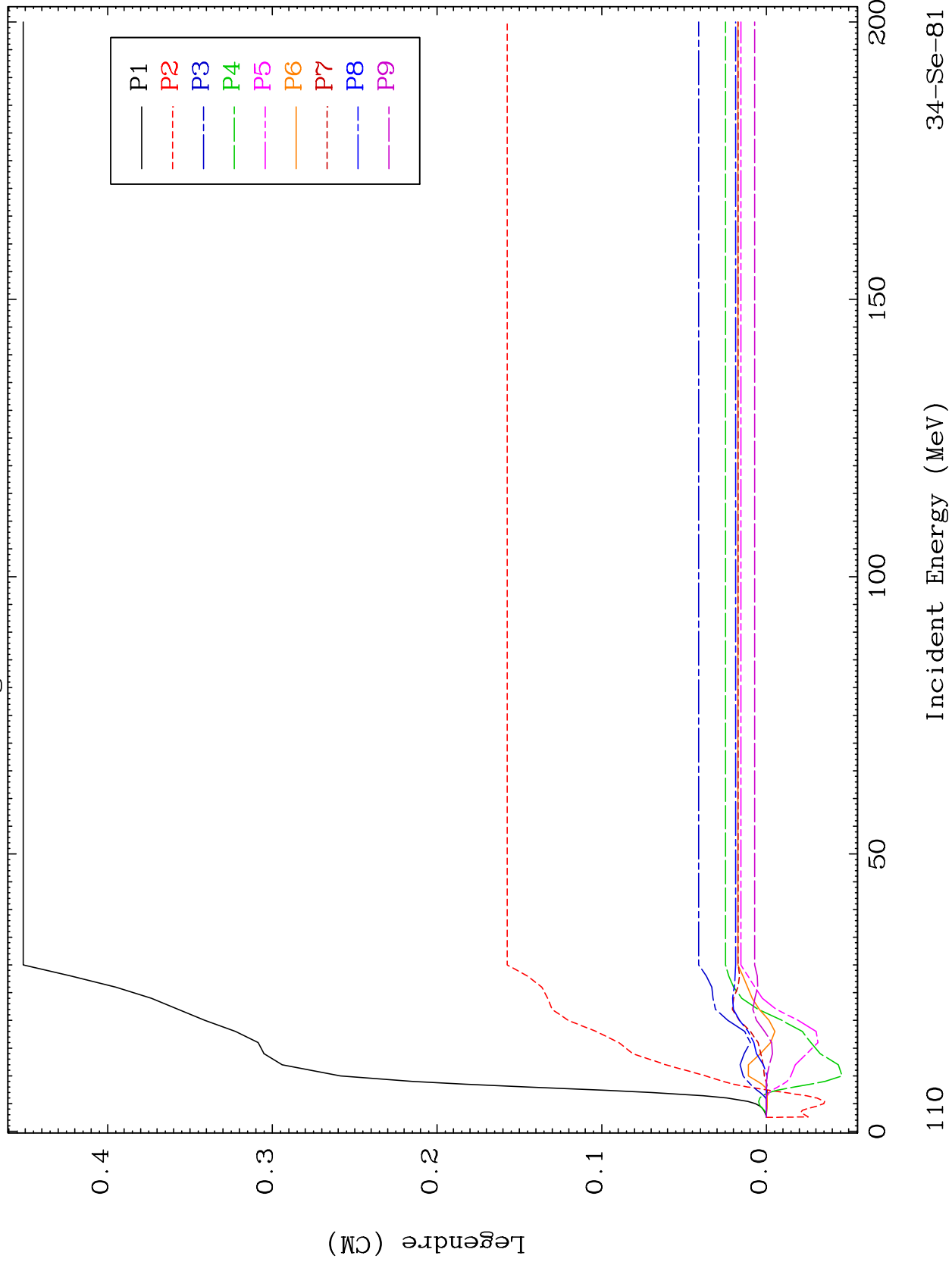
Incident Energy (MeV)

34-Se-81

MAT 3446

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

³⁴Se-81



³⁴Se-81

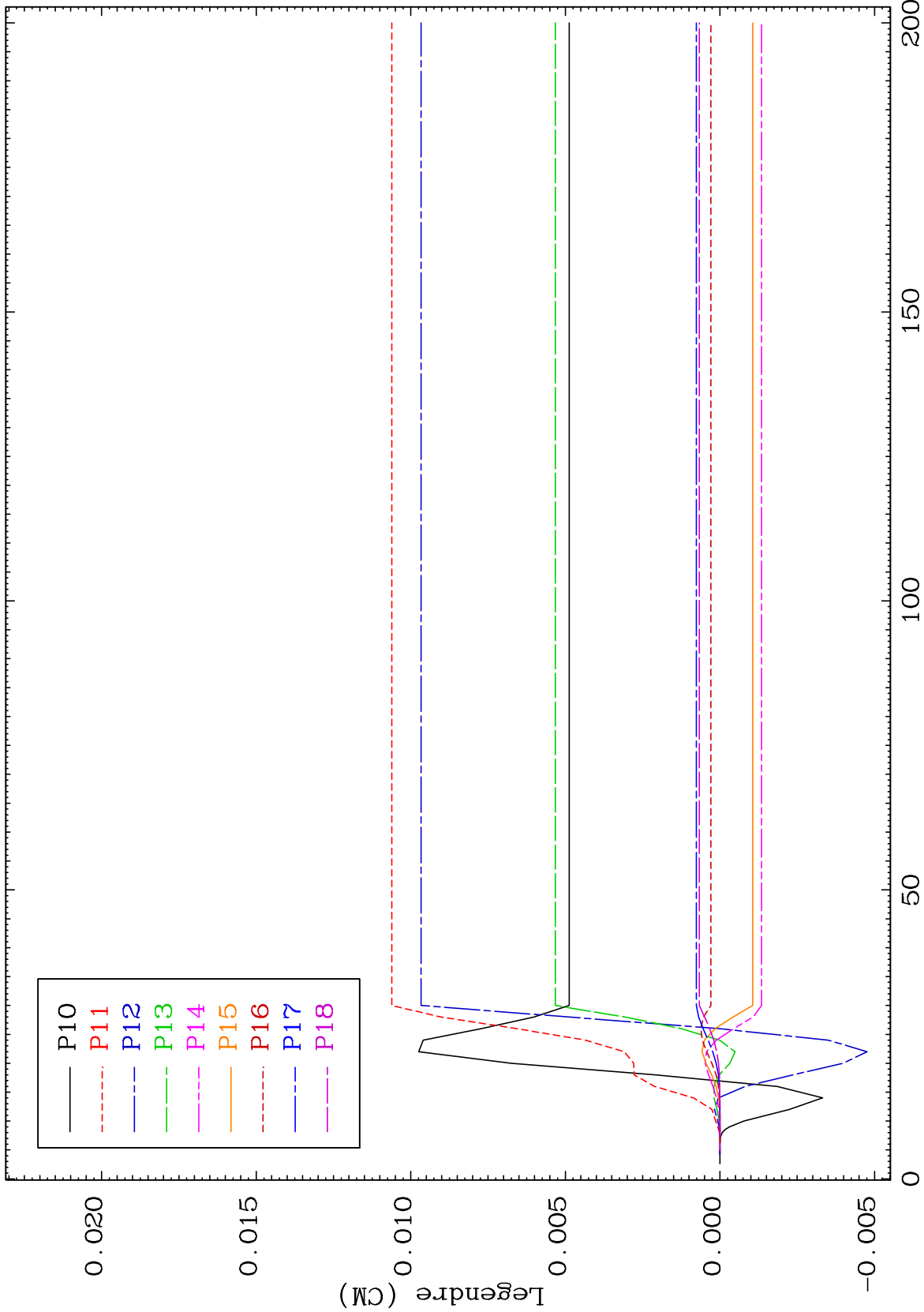
Incident Energy (MeV)

Legendre (CM)

MAT 3446

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

34-Se-81



111

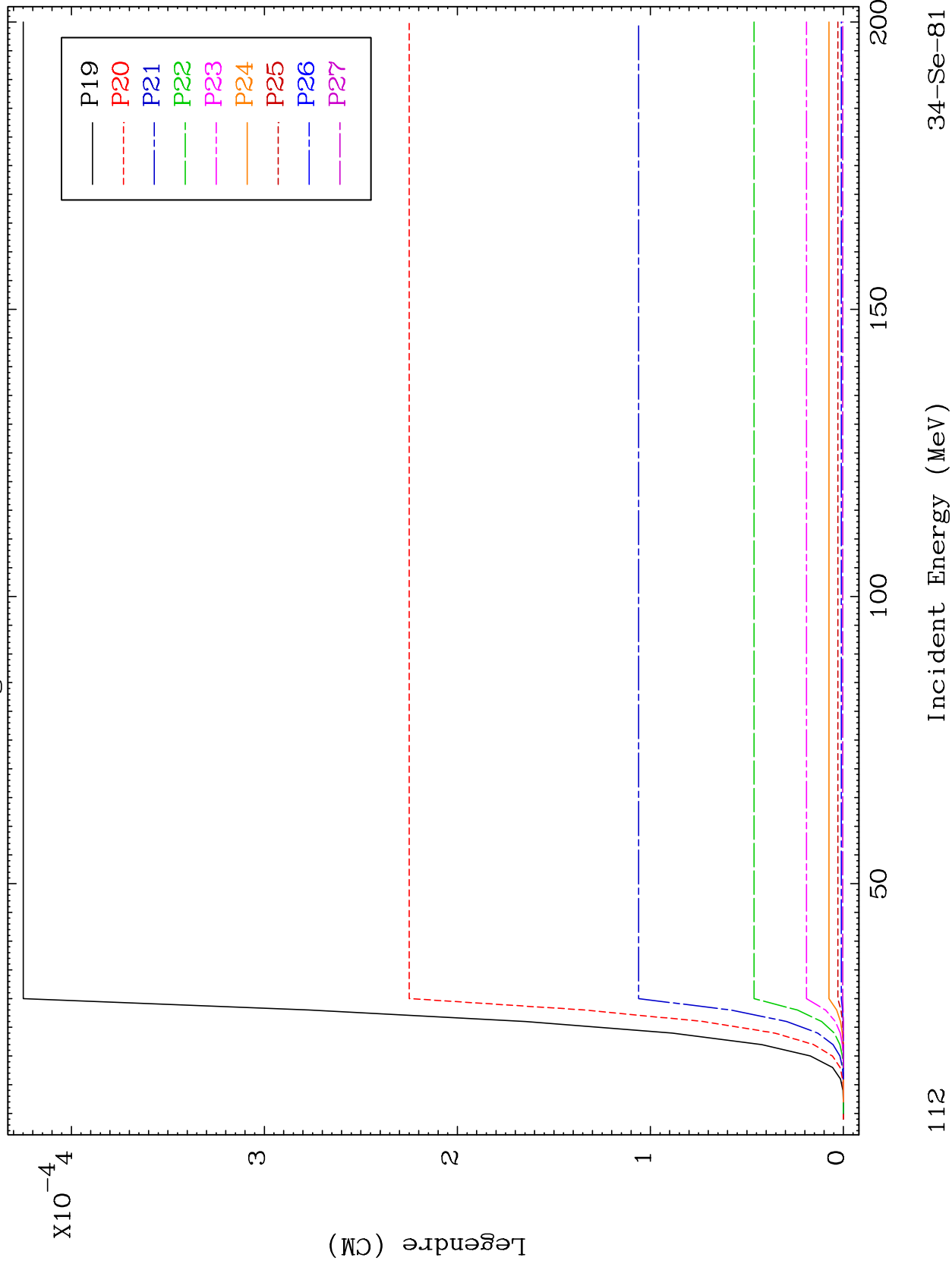
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



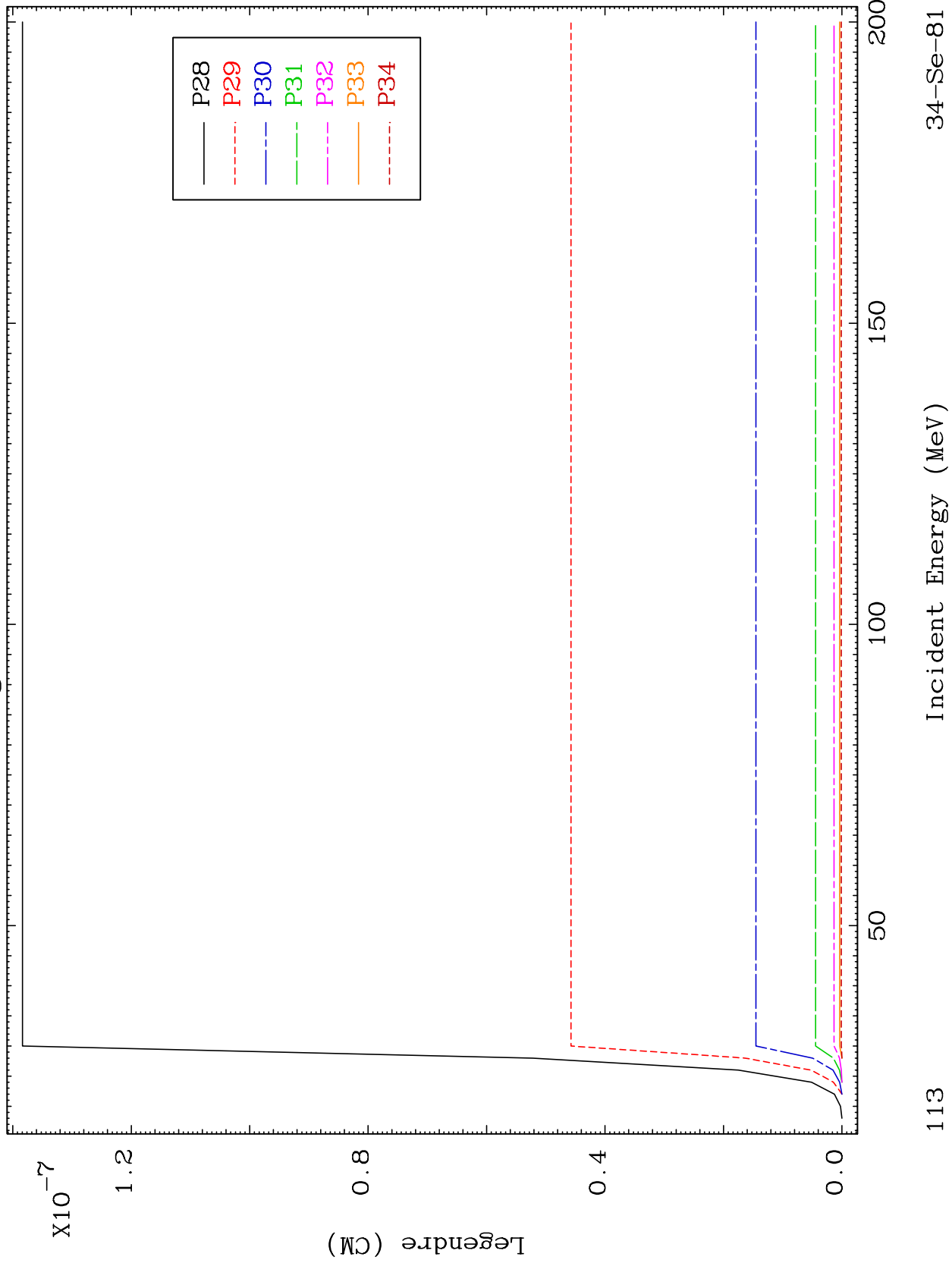
112

34-Se-81

MAT 3446

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

34-Se-81

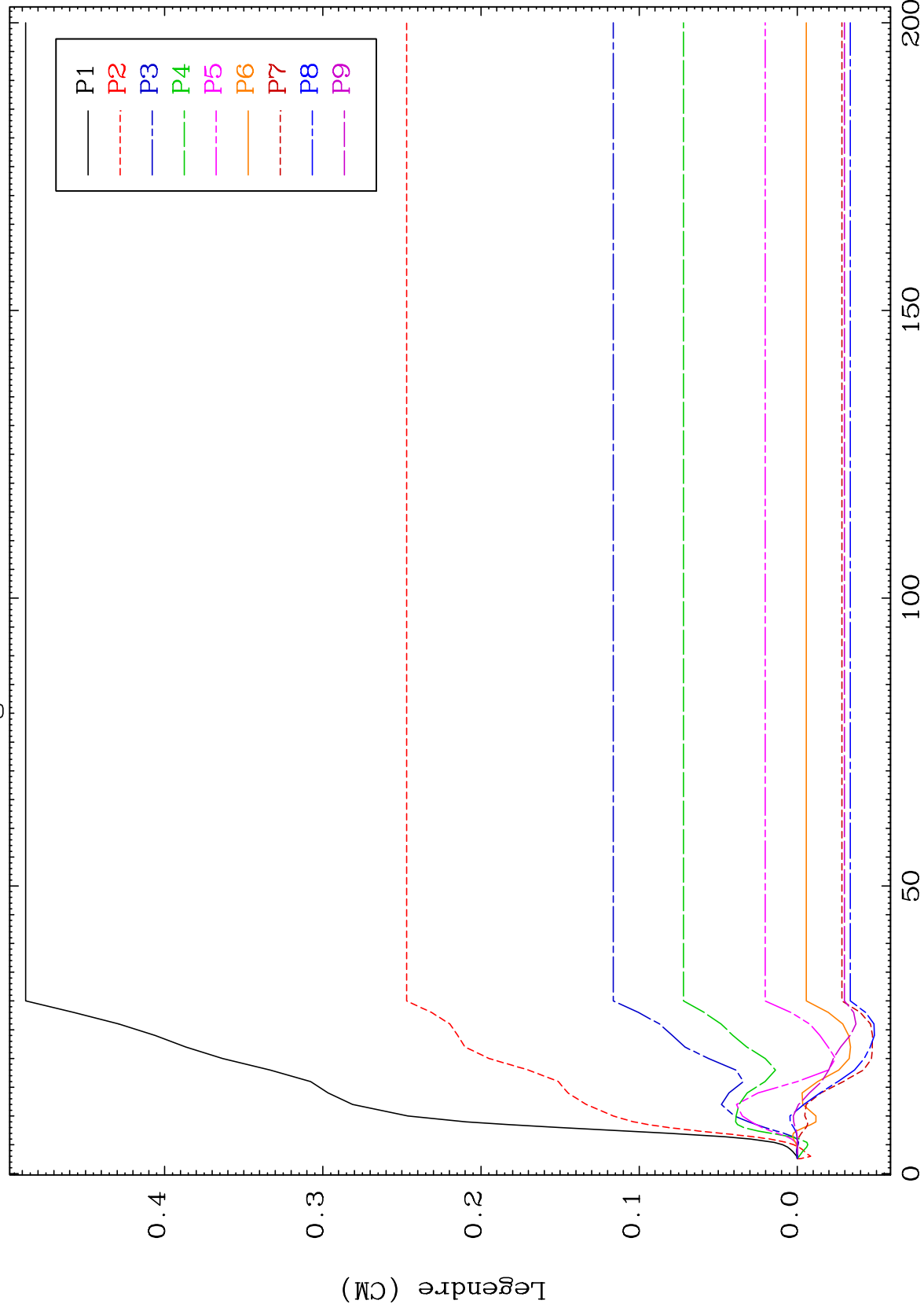


113

MAT 3446

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

34-Se-81



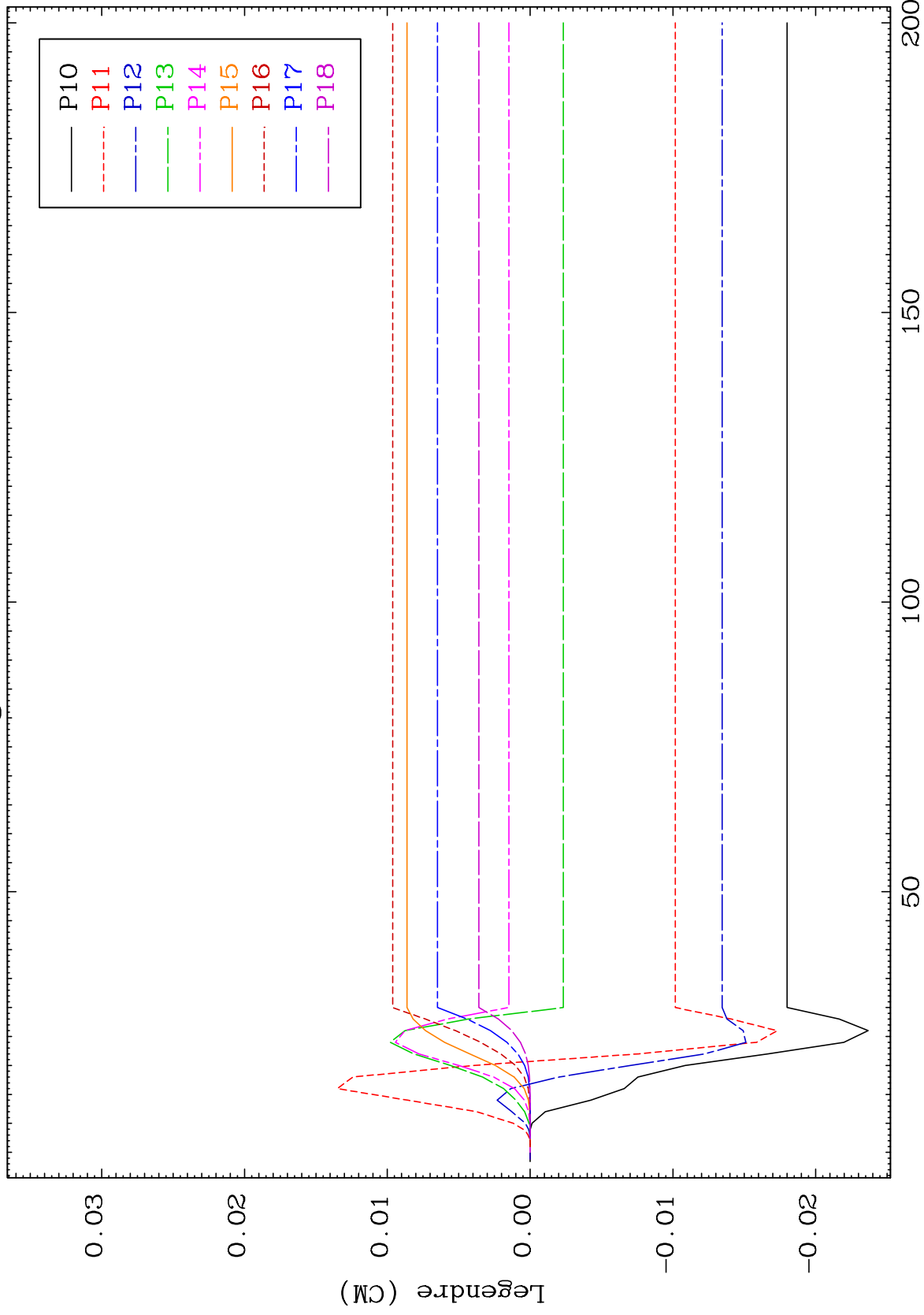
114

34-Se-81

MAT 3446

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

34-Se-81



115

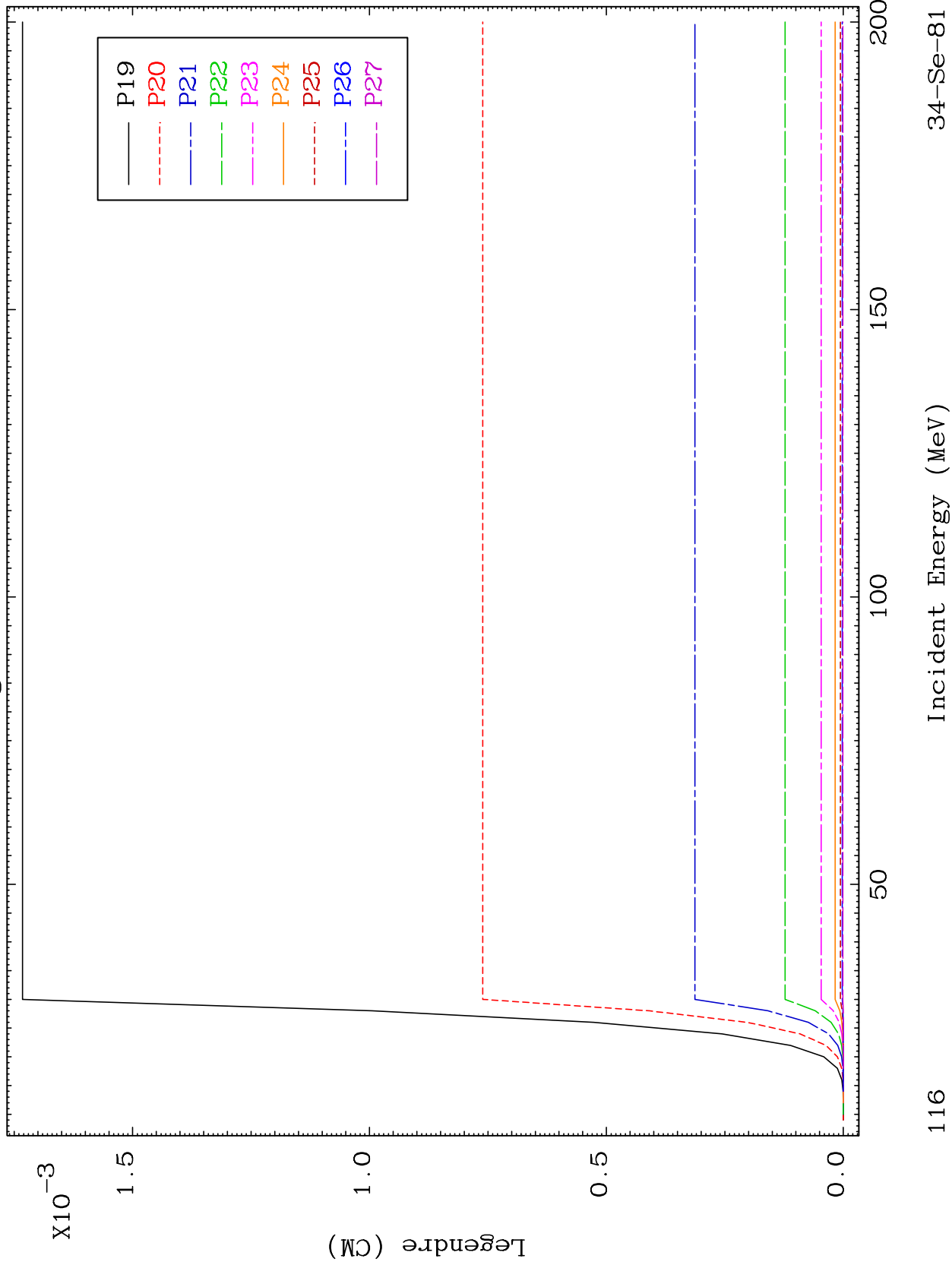
Incident Energy (MeV)

34-Se-81

MAT 3446

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

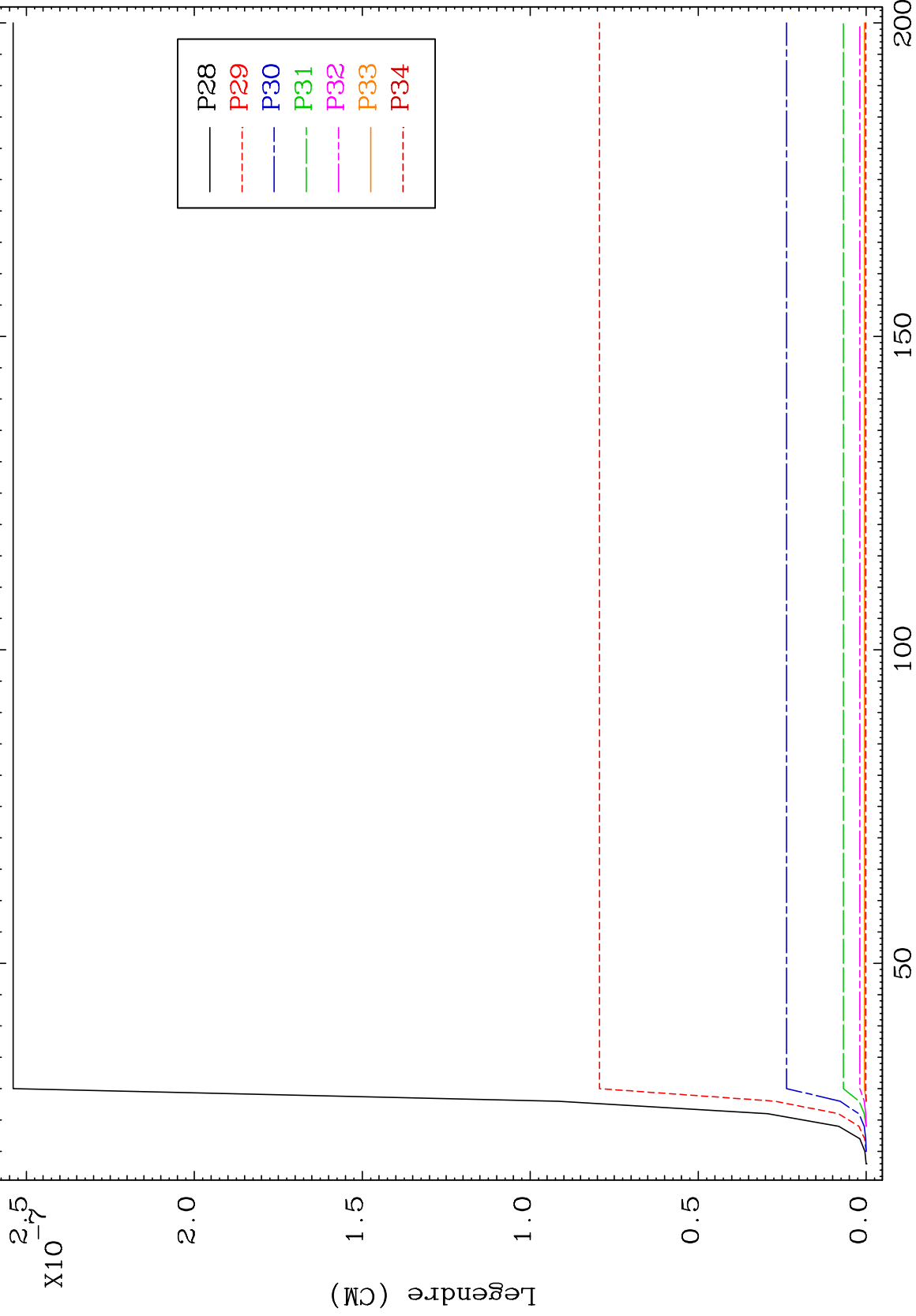
34-Se-81



MAT 3446

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

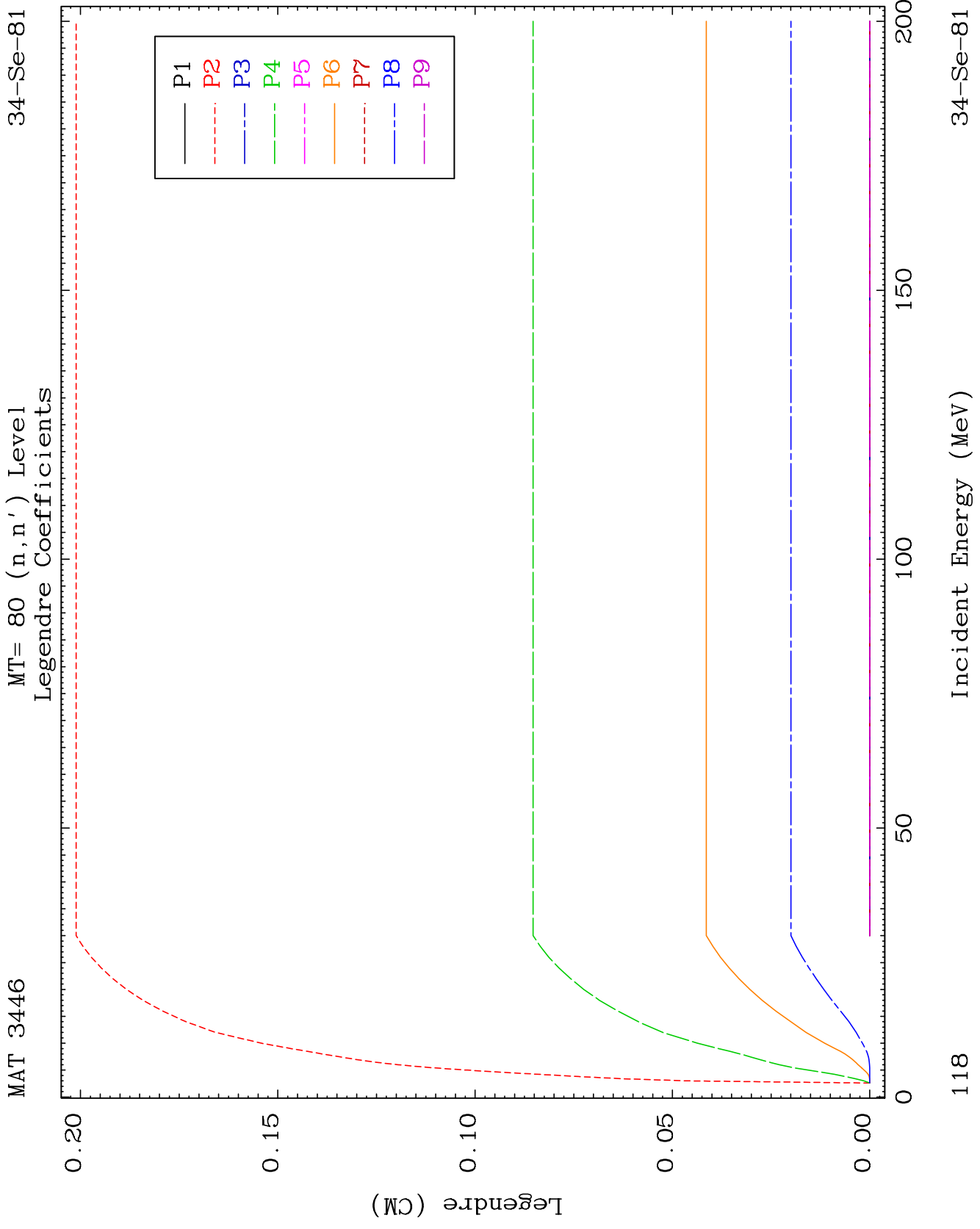
34-Se-81



117

Incident Energy (MeV)

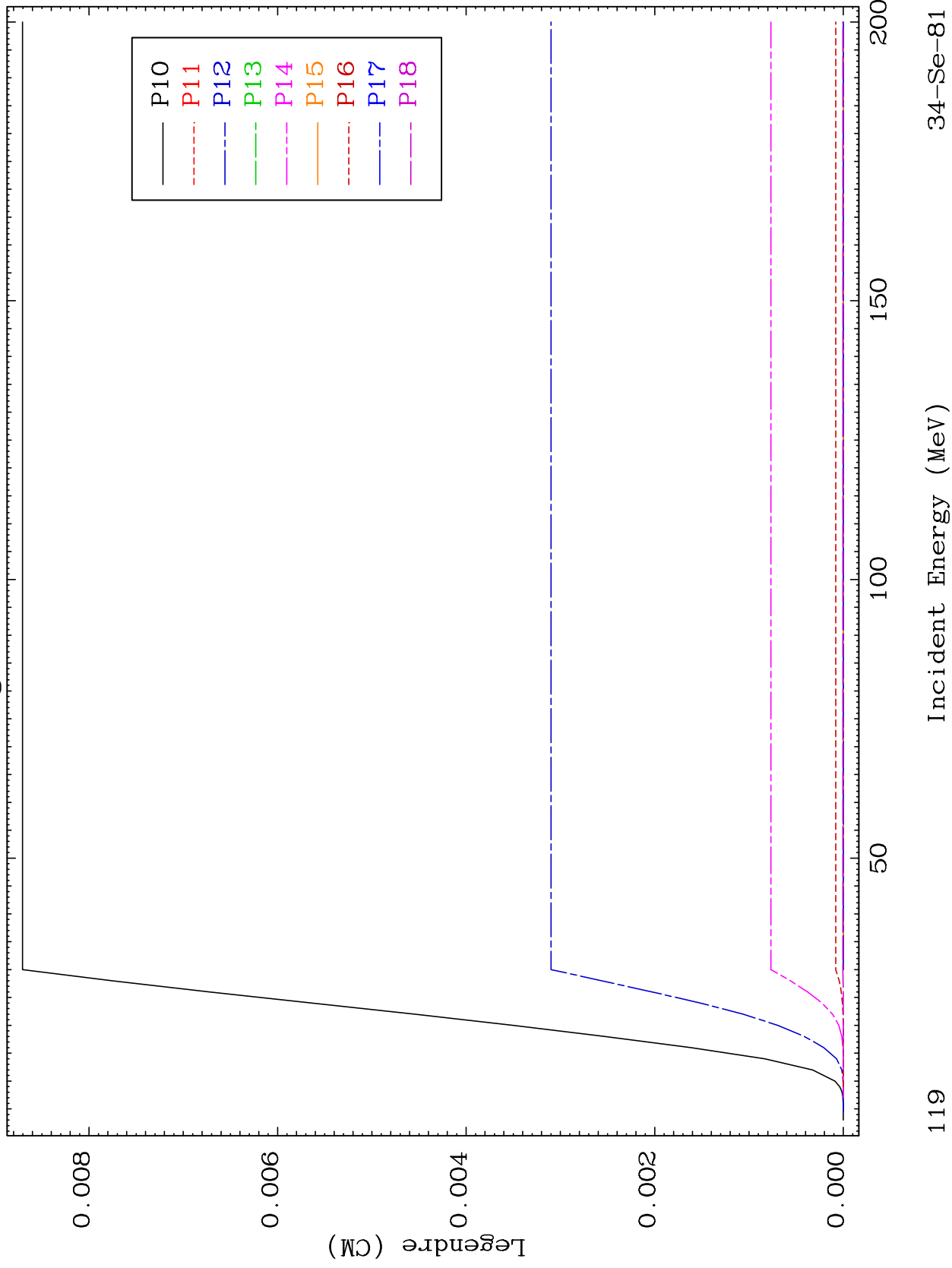
34-Se-81



MAT 3446

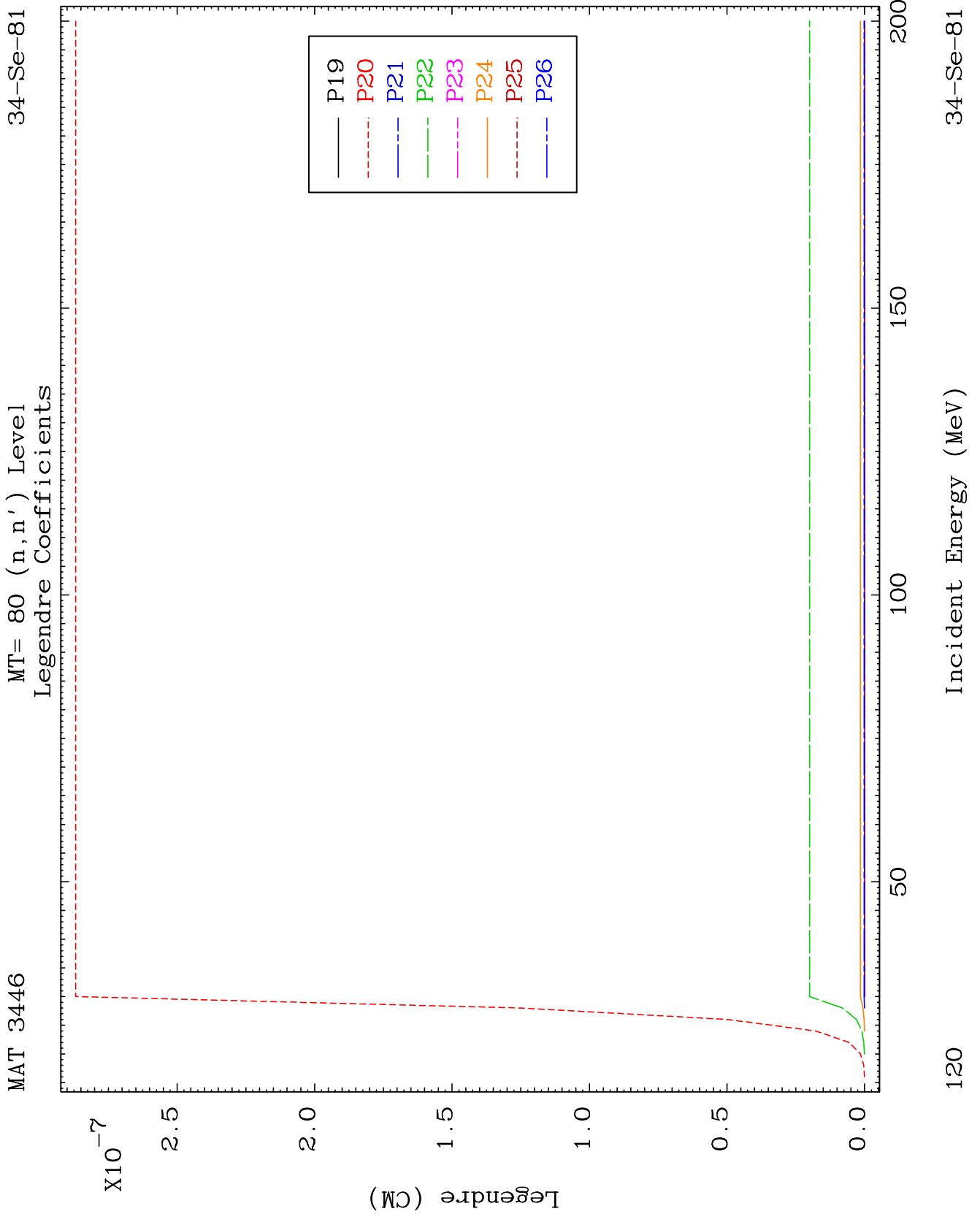
MT= 80 (n,n') Level
Legendre Coefficients

34-Se-81



119

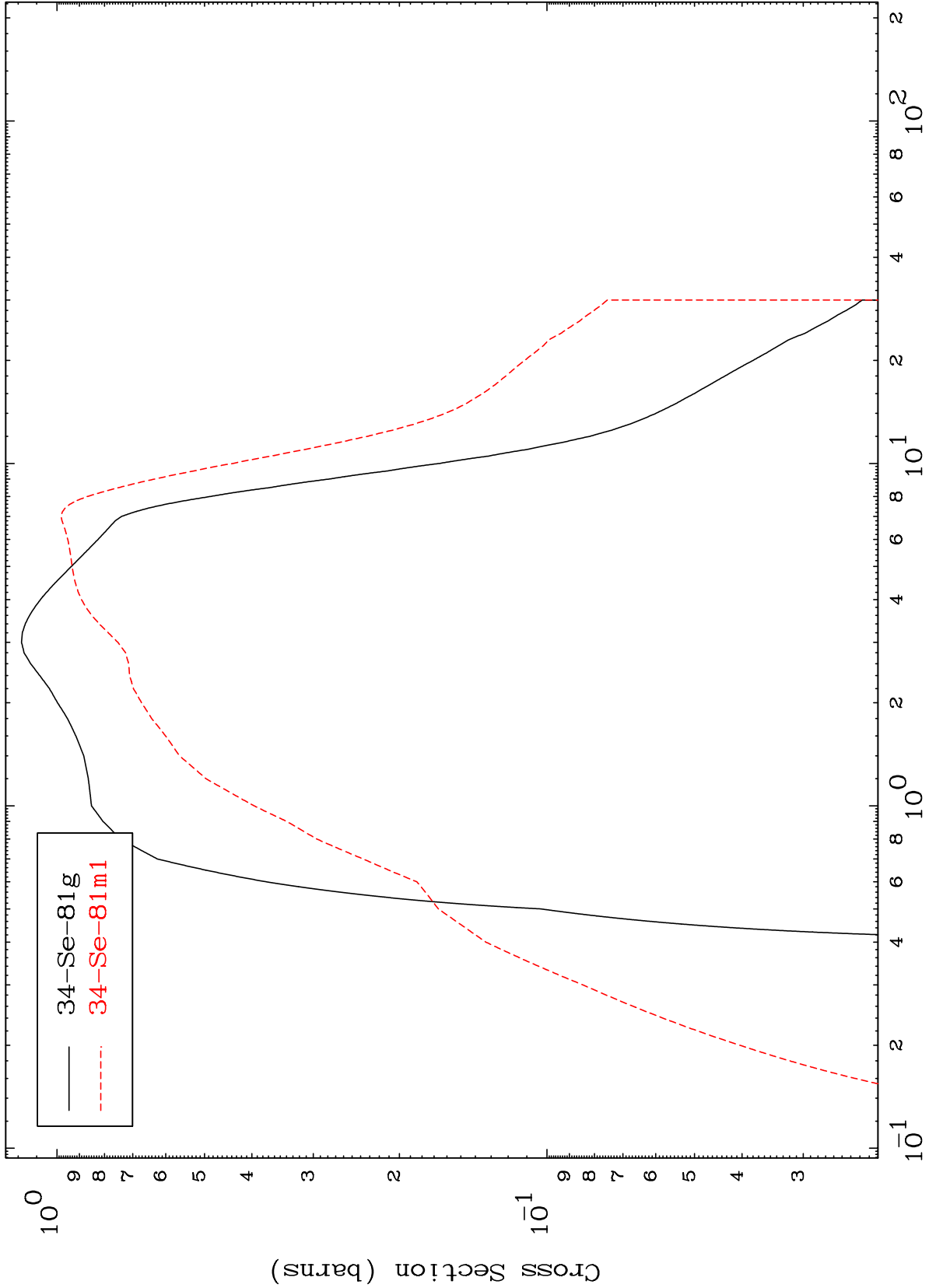
34-Se-81



MAT 3446

³⁴Se-81

Radionuclide Production Cross Section



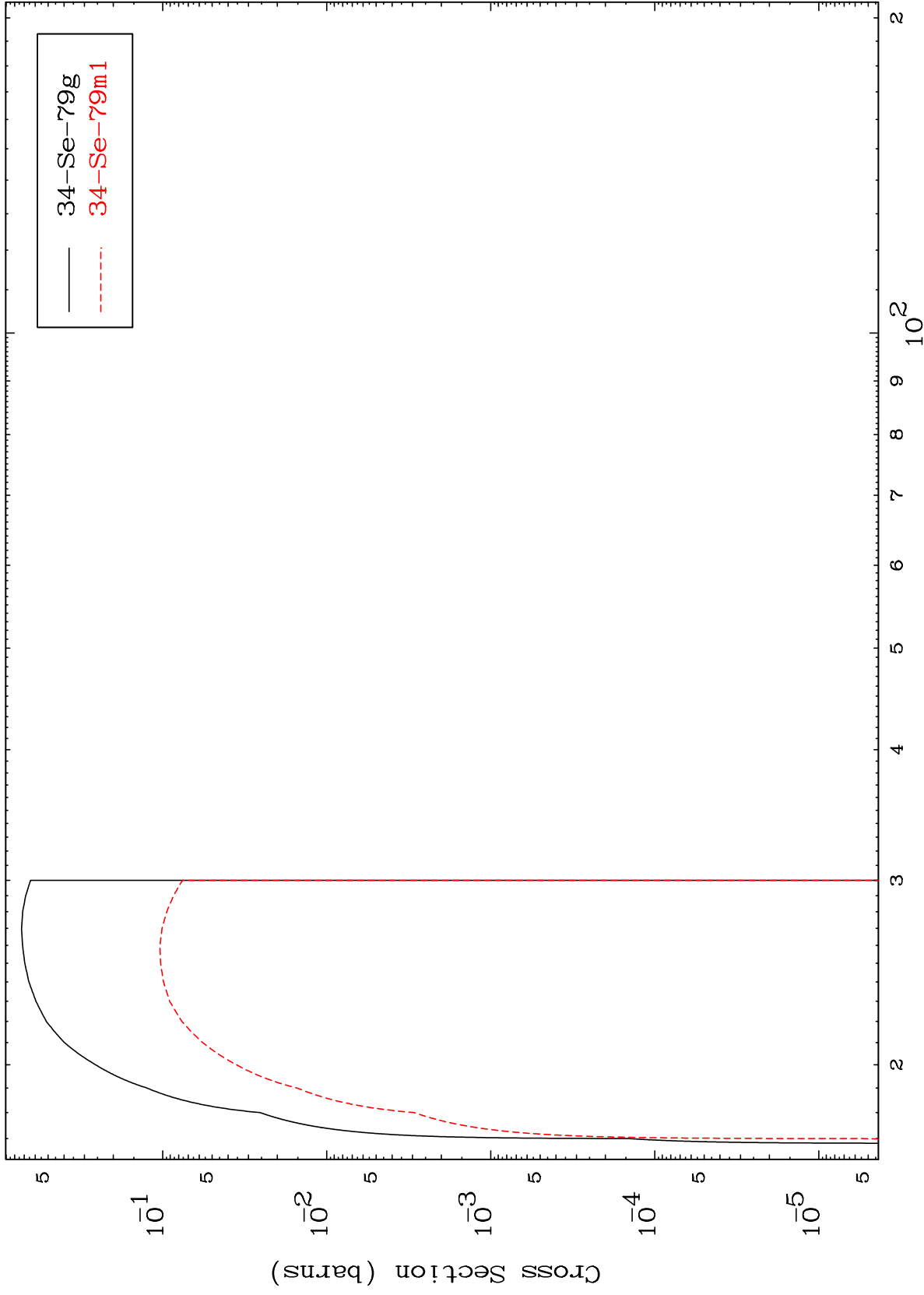
— 34-Se-81g
- - - 34-Se-81m1

³⁴Se-81

Incident Energy (MeV)

121

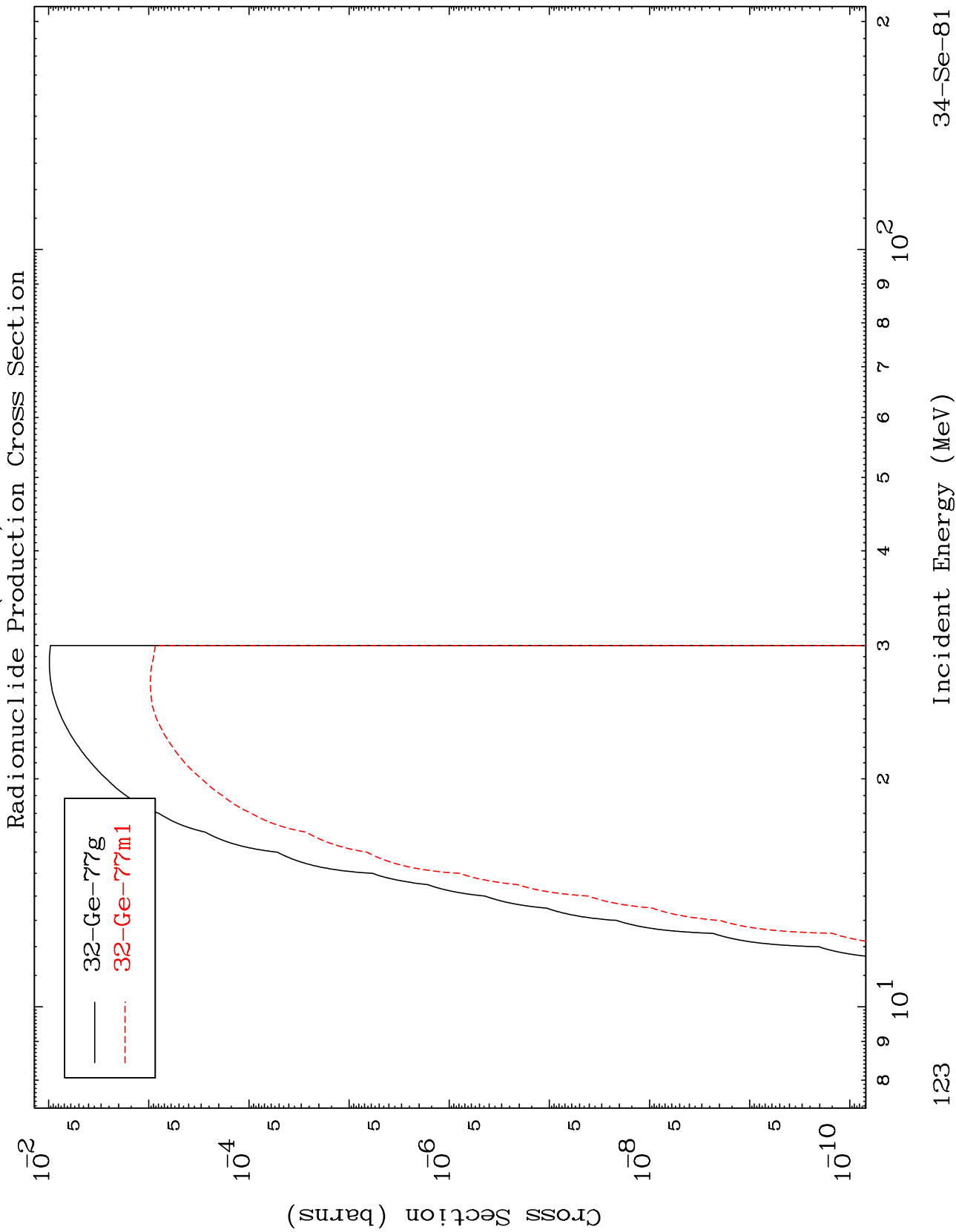
(n,3n)
Radionuclide Production Cross Section

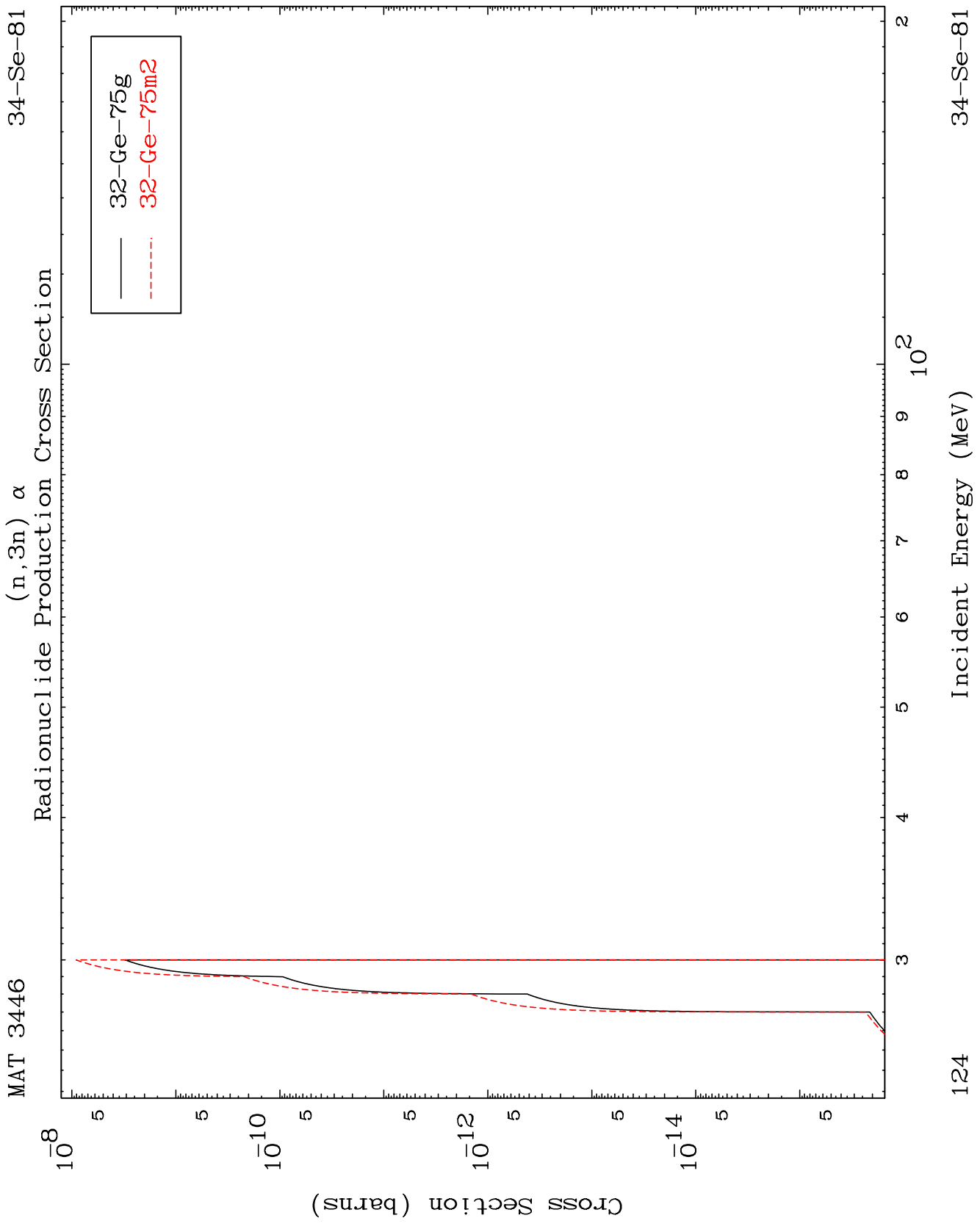


MAT 3446

(n,n') α

³⁴Se-81



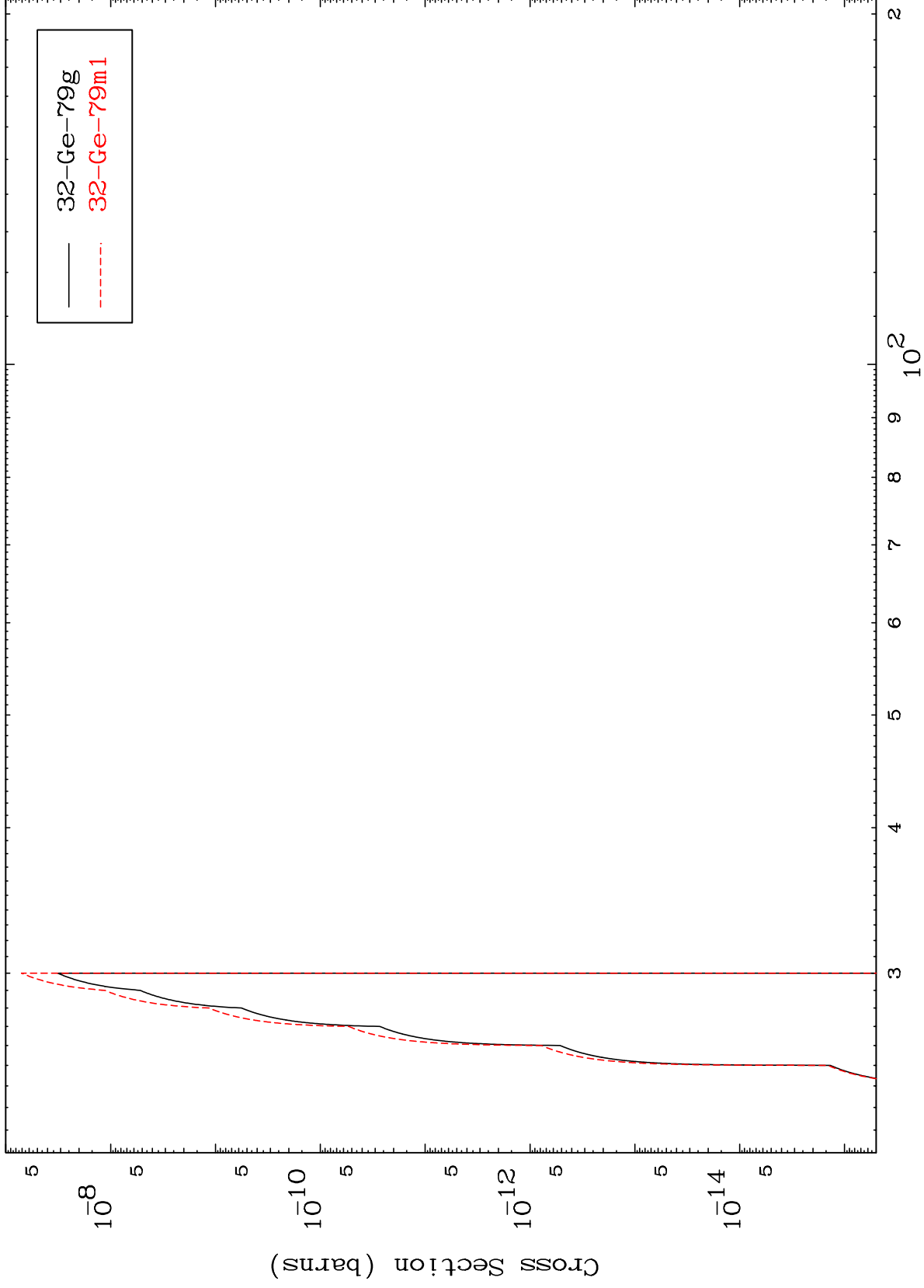


MAT 3446

(n,2n) p

³⁴Se-81

Radionuclide Production Cross Section



125

Incident Energy (MeV)

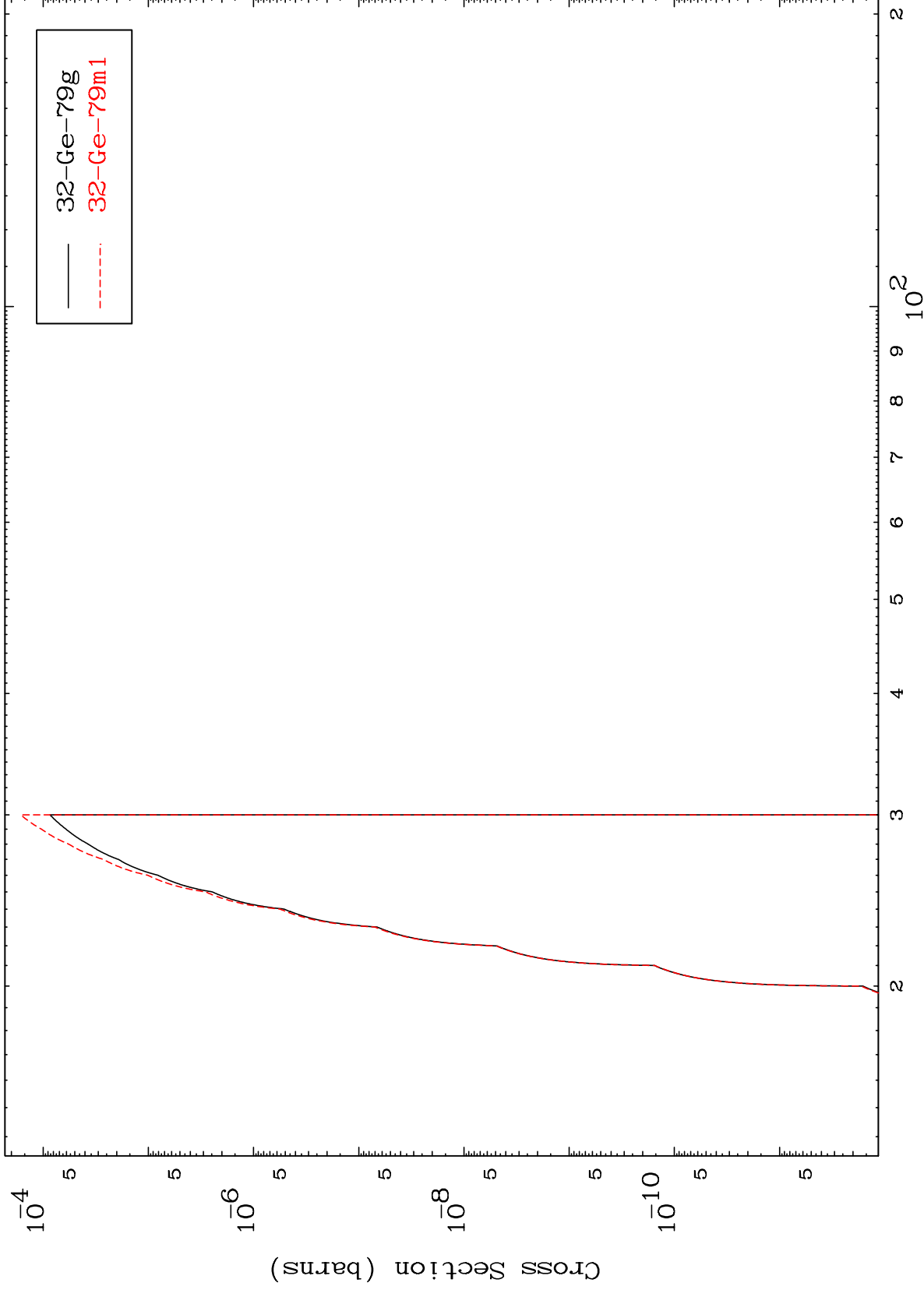
³⁴Se-81

MAT 3446

(n,He-3)

34-Se-81

Radionuclide Production Cross Section



126

Incident Energy (MeV)

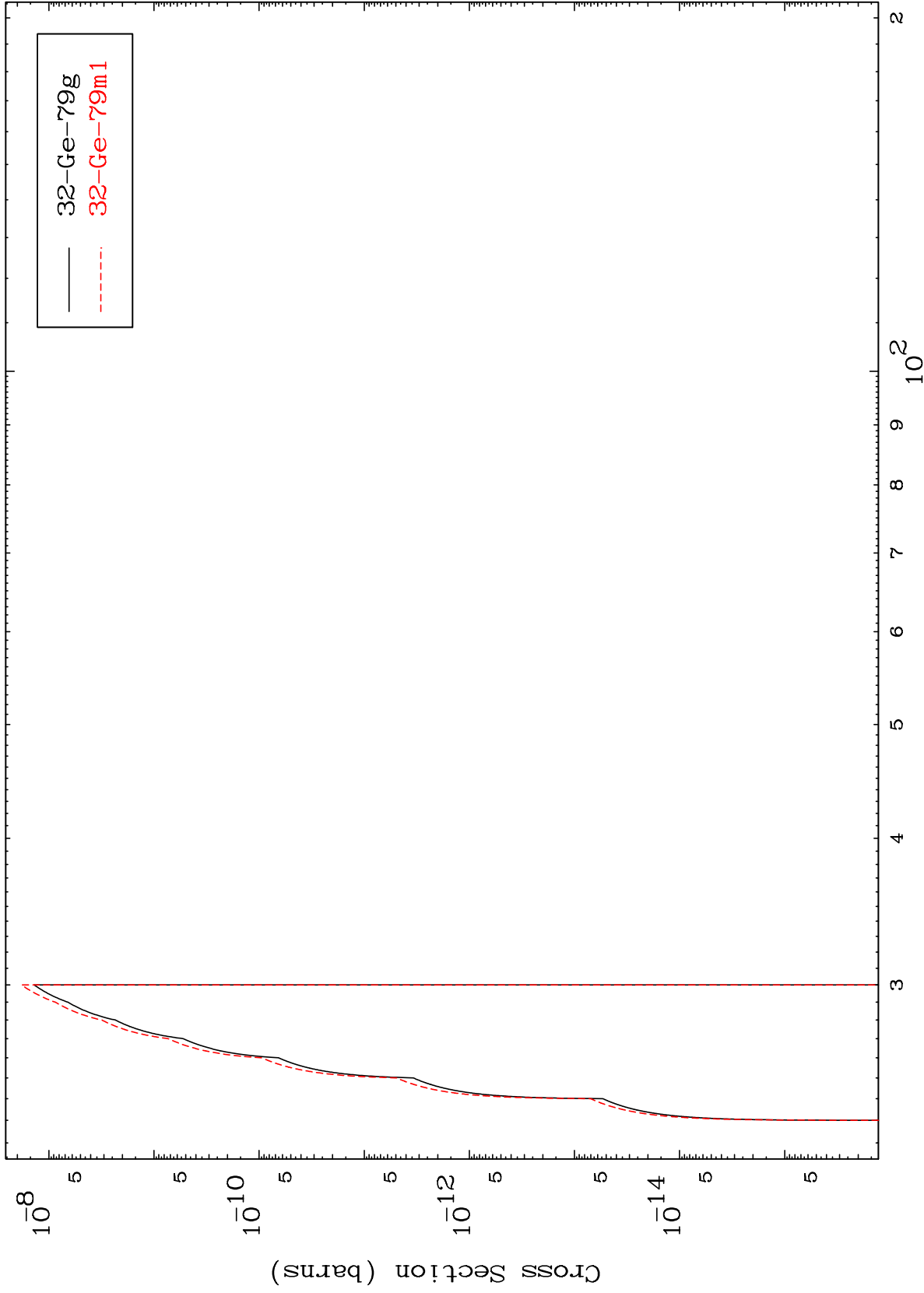
34-Se-81

MAT 3446

(n,p) d

³⁴Se-81

Radionuclide Production Cross Section



127

Incident Energy (MeV)

³⁴Se-81