

Program EVALPLOT
(Version 2021-1)

by

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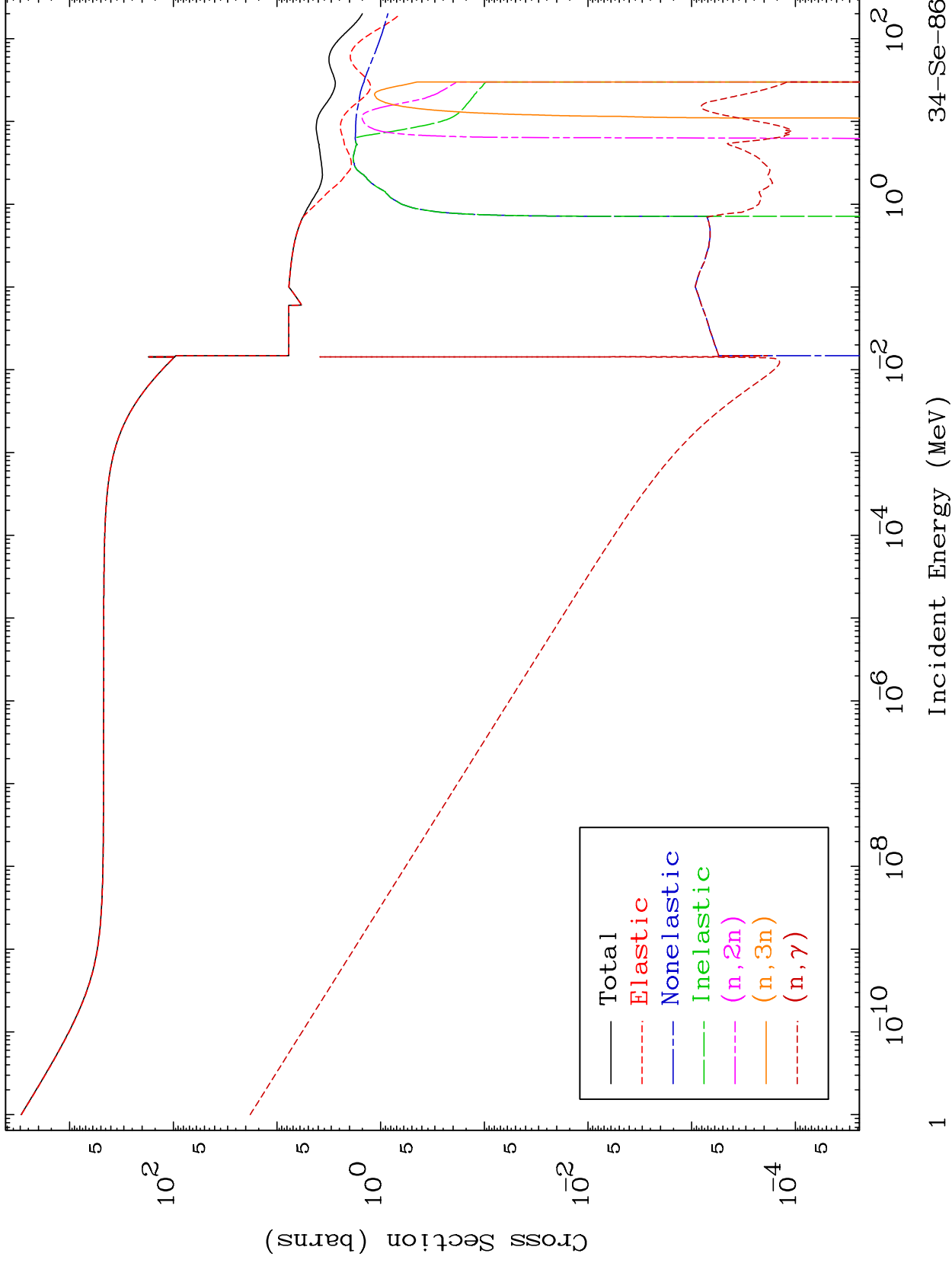
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3461

Neutron Major
293 Kelvin Cross Sections

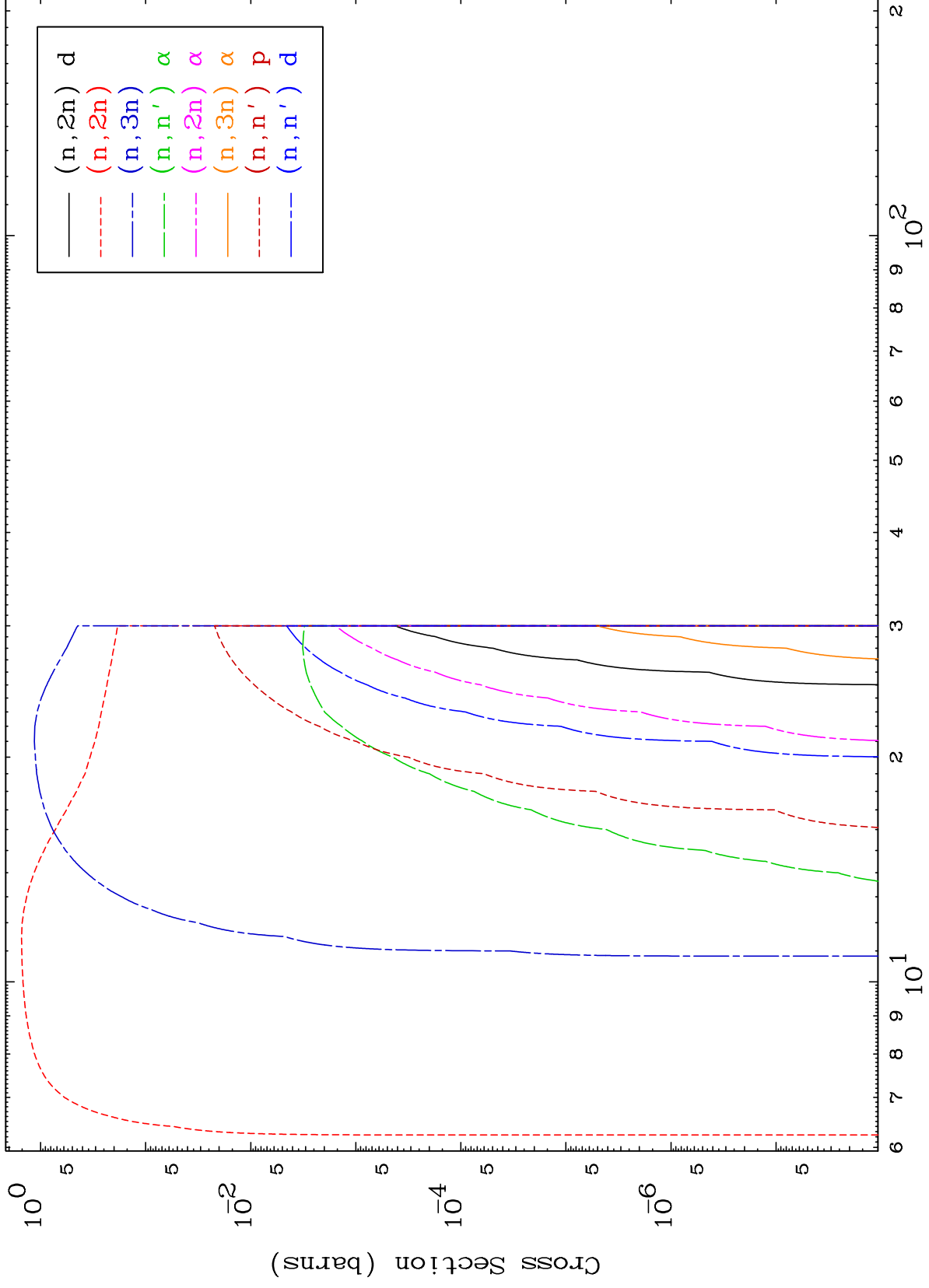
34-Se-86



MAT 3461

Neutron Absorption
293 Kelvin Cross Sections

34-Se-86



2

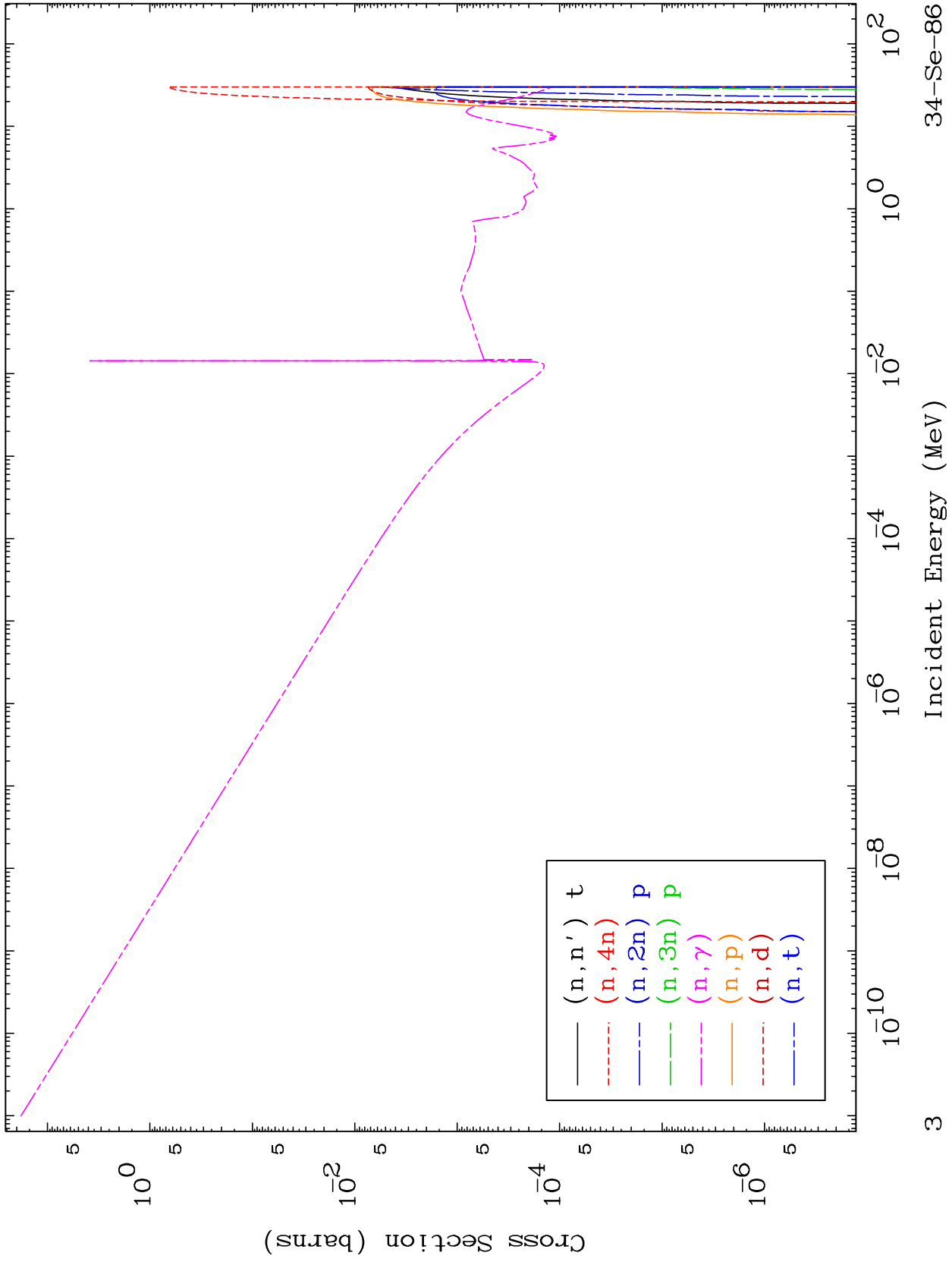
Incident Energy (MeV)

34-Se-86

MAT 3461

Neutron Absorption
293 Kelvin Cross Sections

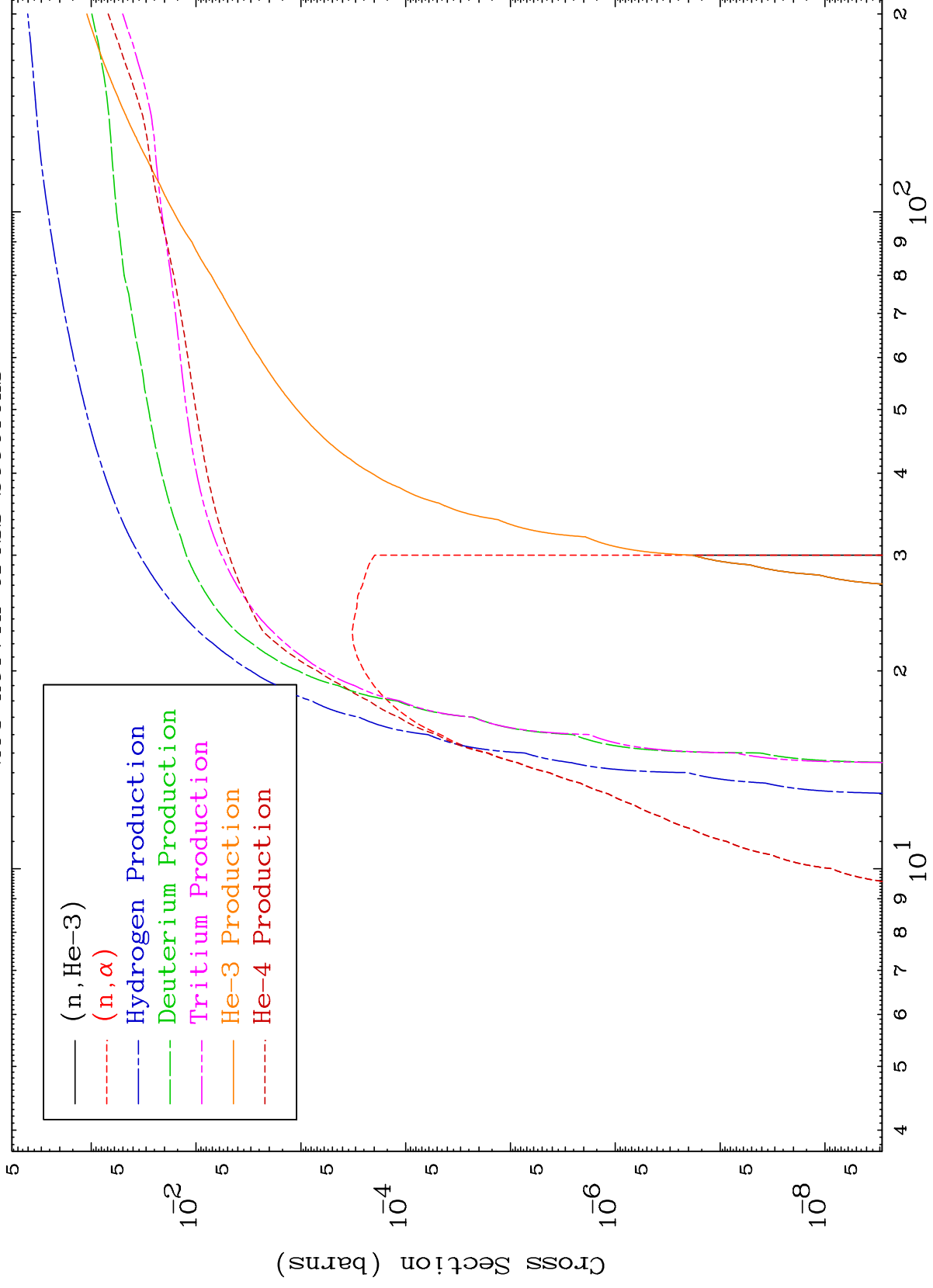
34-Se-86



MAT 3461

Neutron Absorption
293 Kelvin Cross Sections

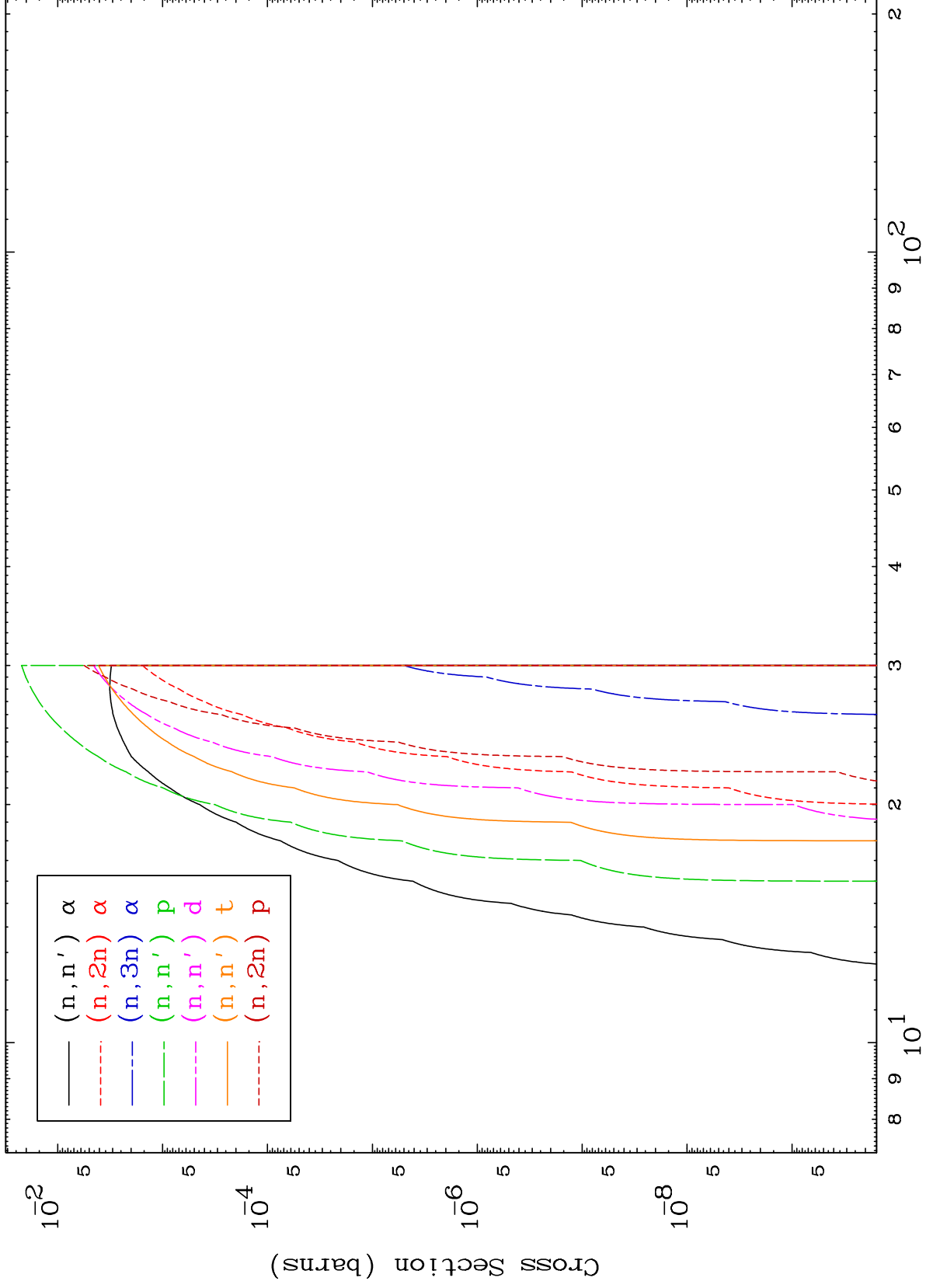
³⁴Se-86



4

Incident Energy (MeV)

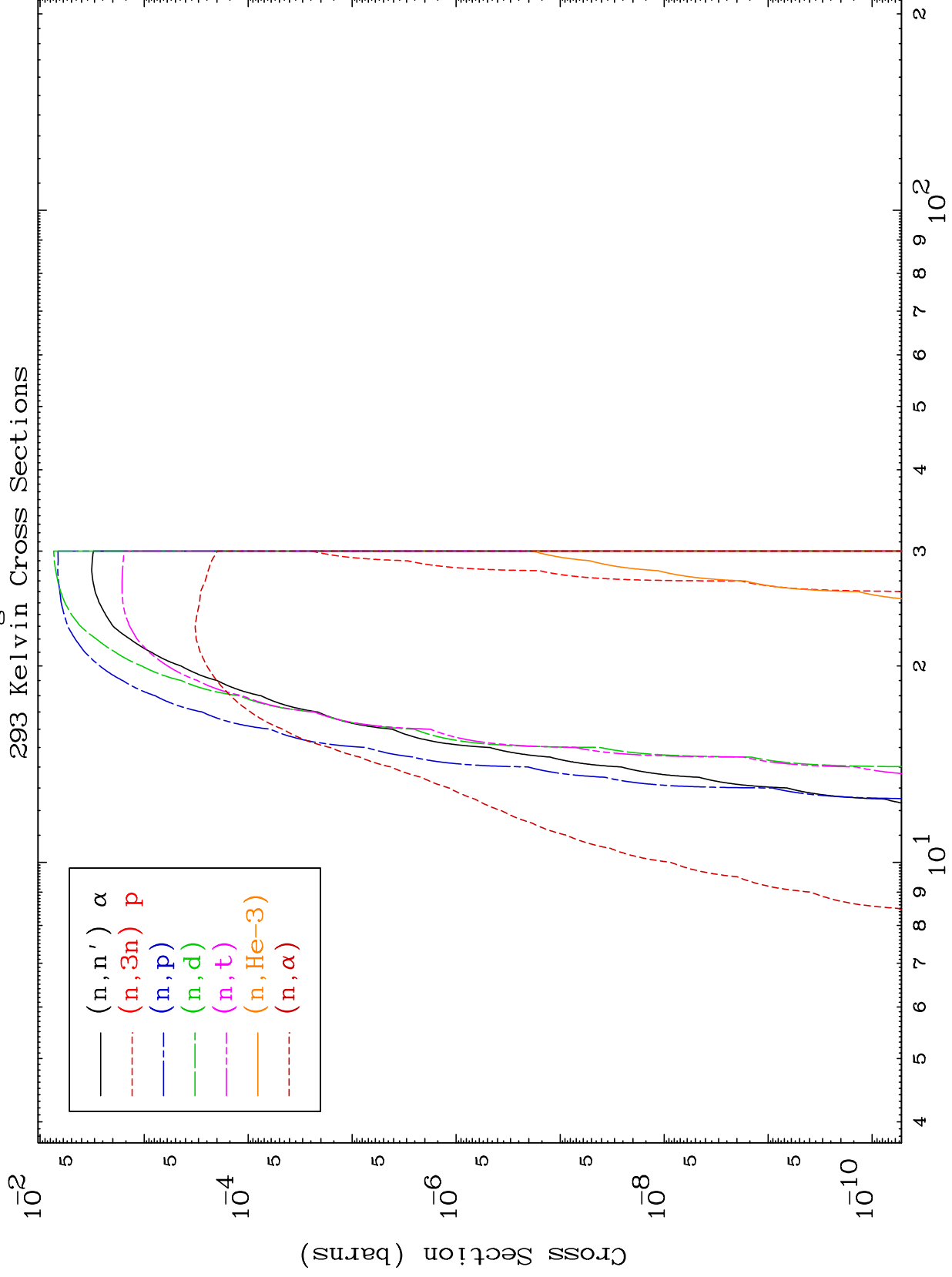
³⁴Se-86



MAT 3461

Charged Particle
293 Kelvin Cross Sections

³⁴Se-86



6

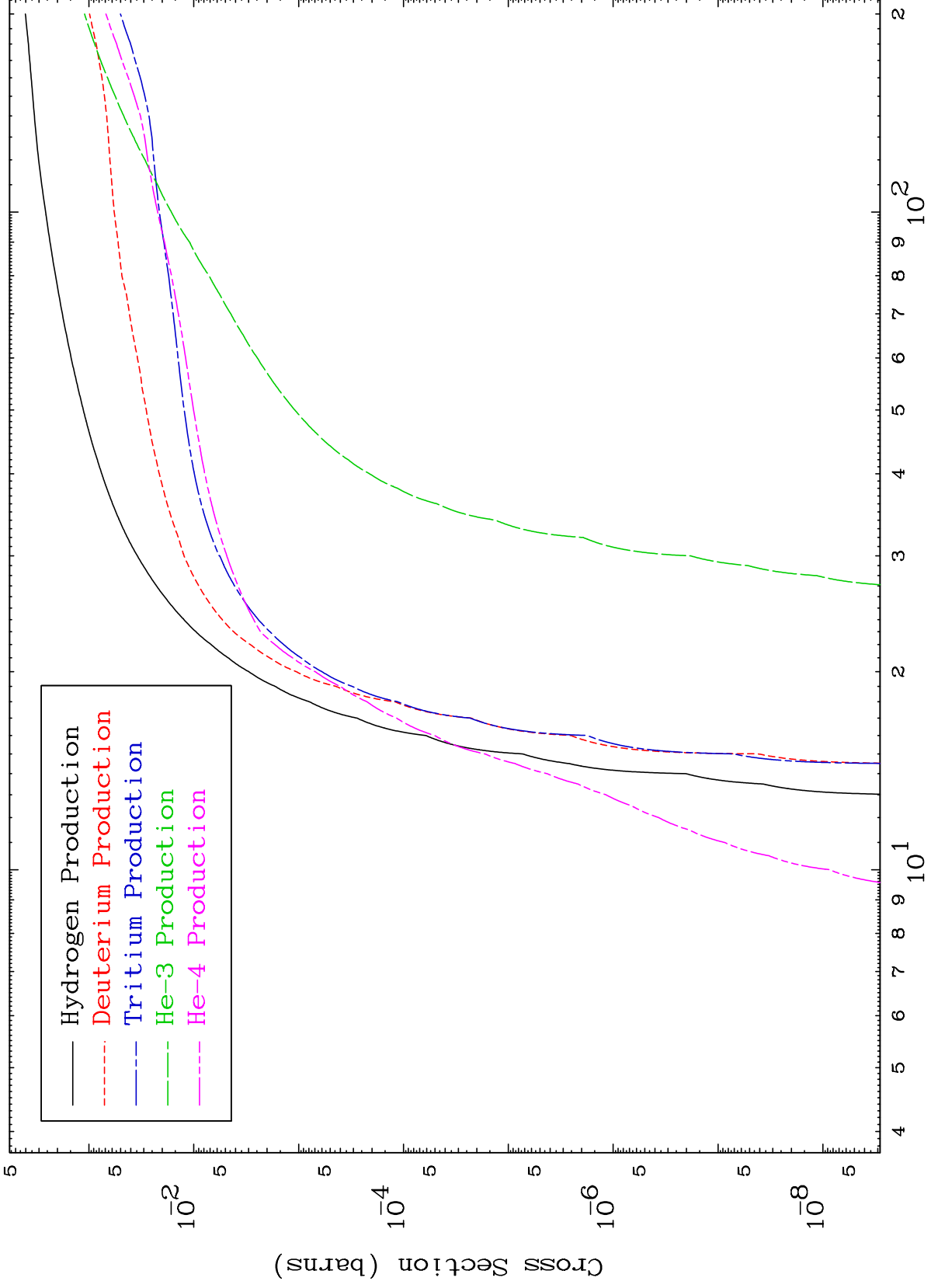
Incident Energy (MeV)

³⁴Se-86

MAT 3461

Particle Production
293 Kelvin Cross Sections

³⁴Se-86



7

Incident Energy (MeV)

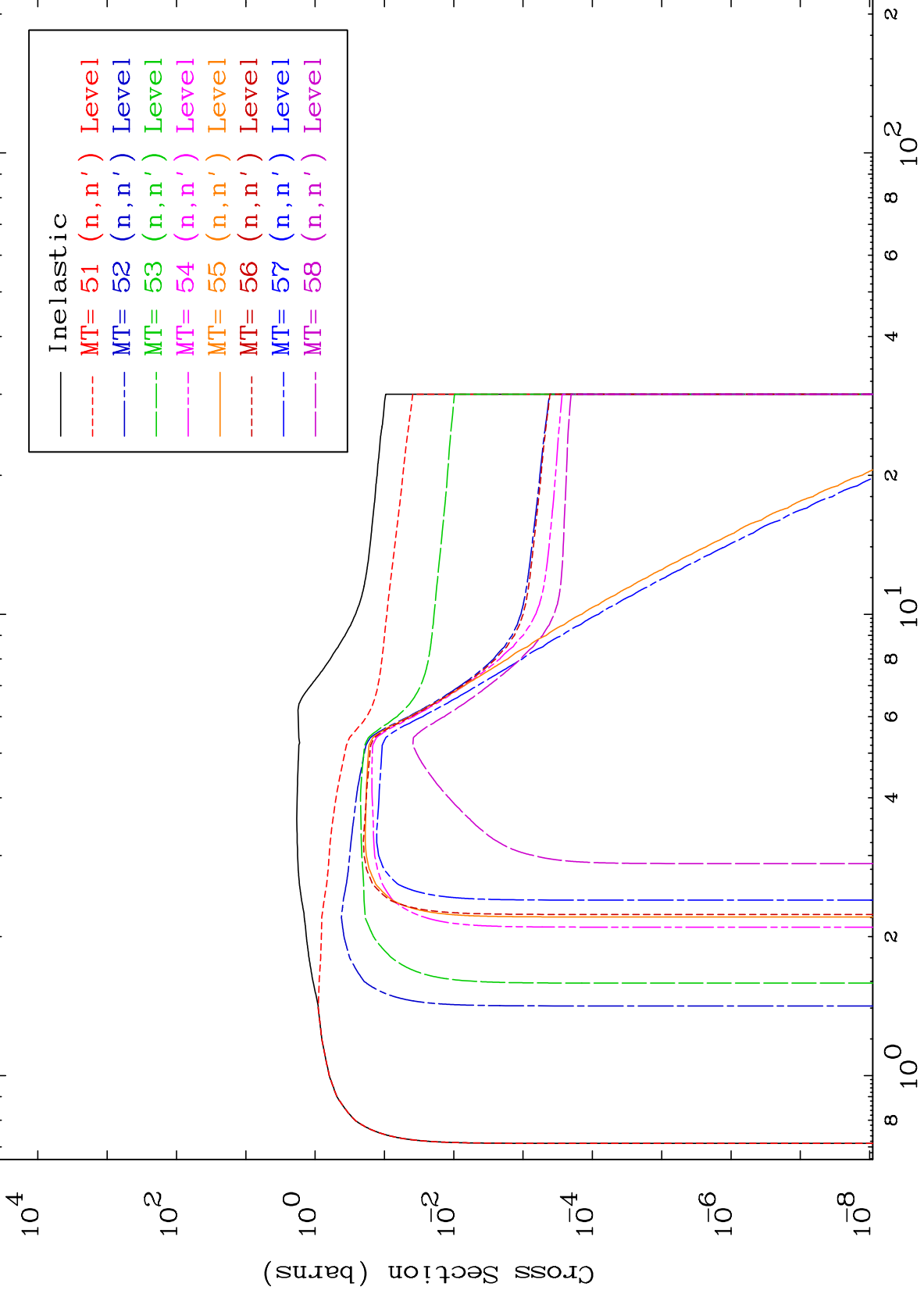
³⁴Se-86

MAT 3461

(n,n') Levels

34-Se-86

293 Kelvin Cross Sections



8

Incident Energy (MeV)

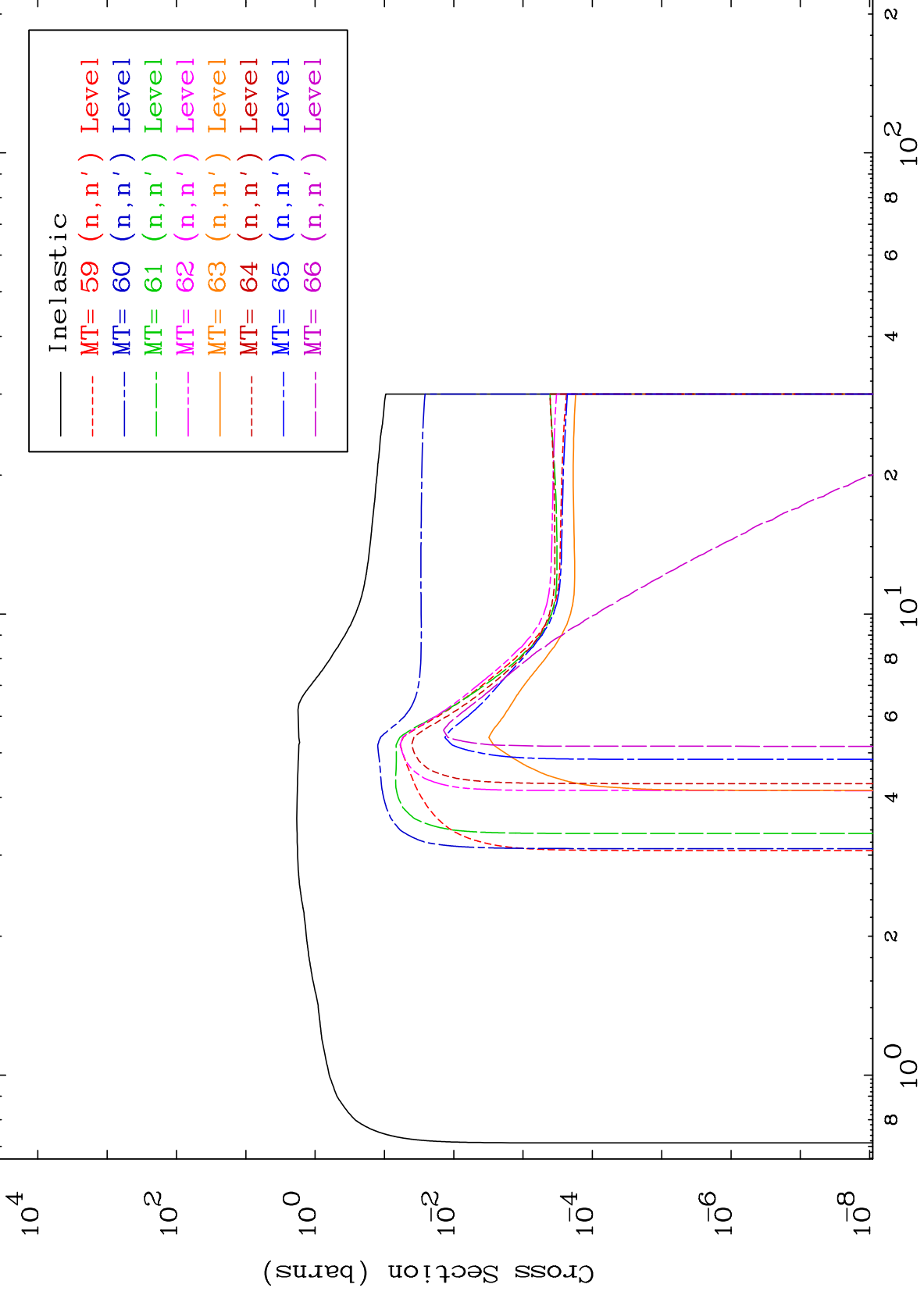
34-Se-86

MAT 3461

(n,n') Levels

34-Se-86

293 Kelvin Cross Sections



9

Incident Energy (MeV)

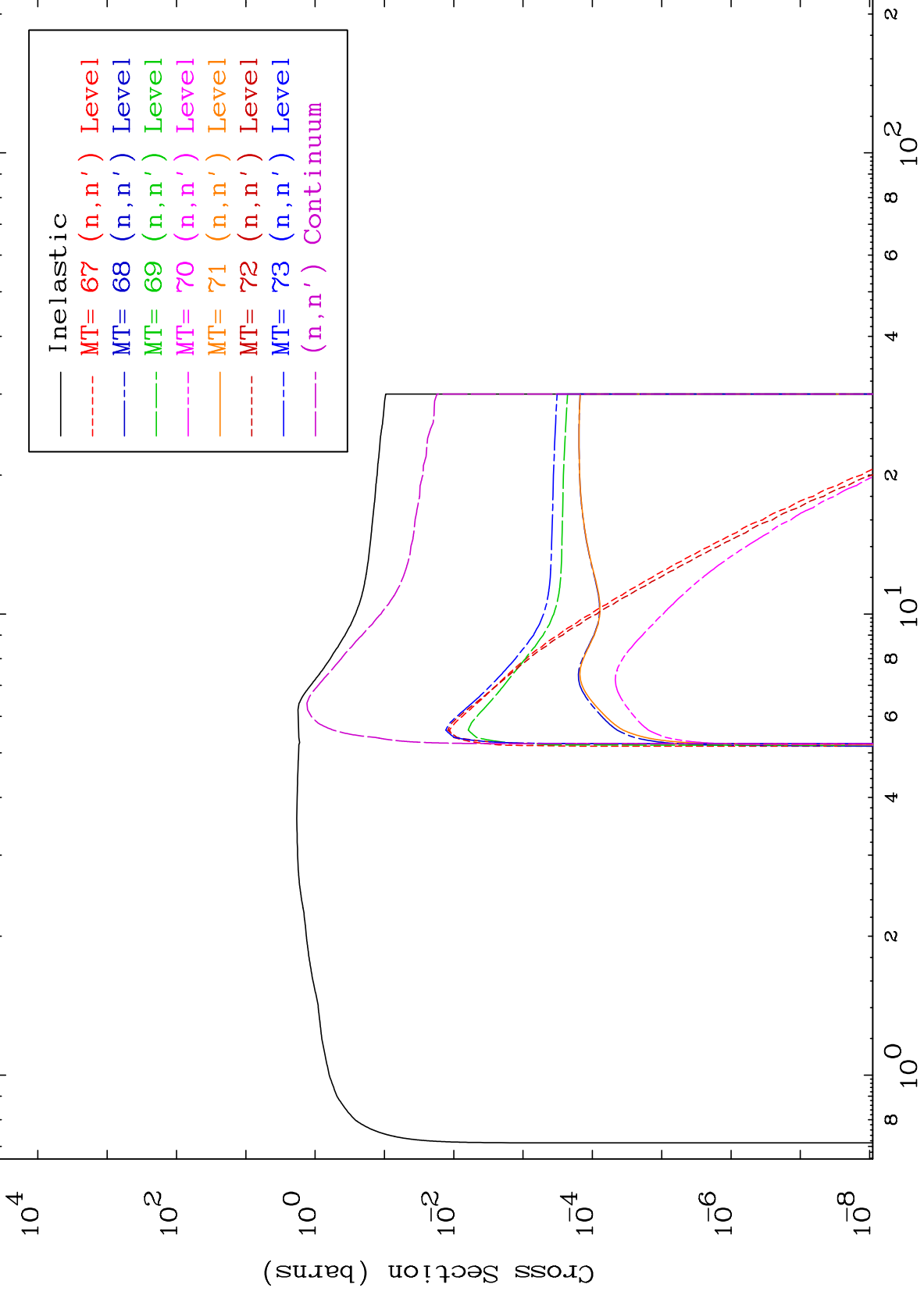
34-Se-86

MAT 3461

(n,n') Levels

34-Se-86

293 Kelvin Cross Sections



10

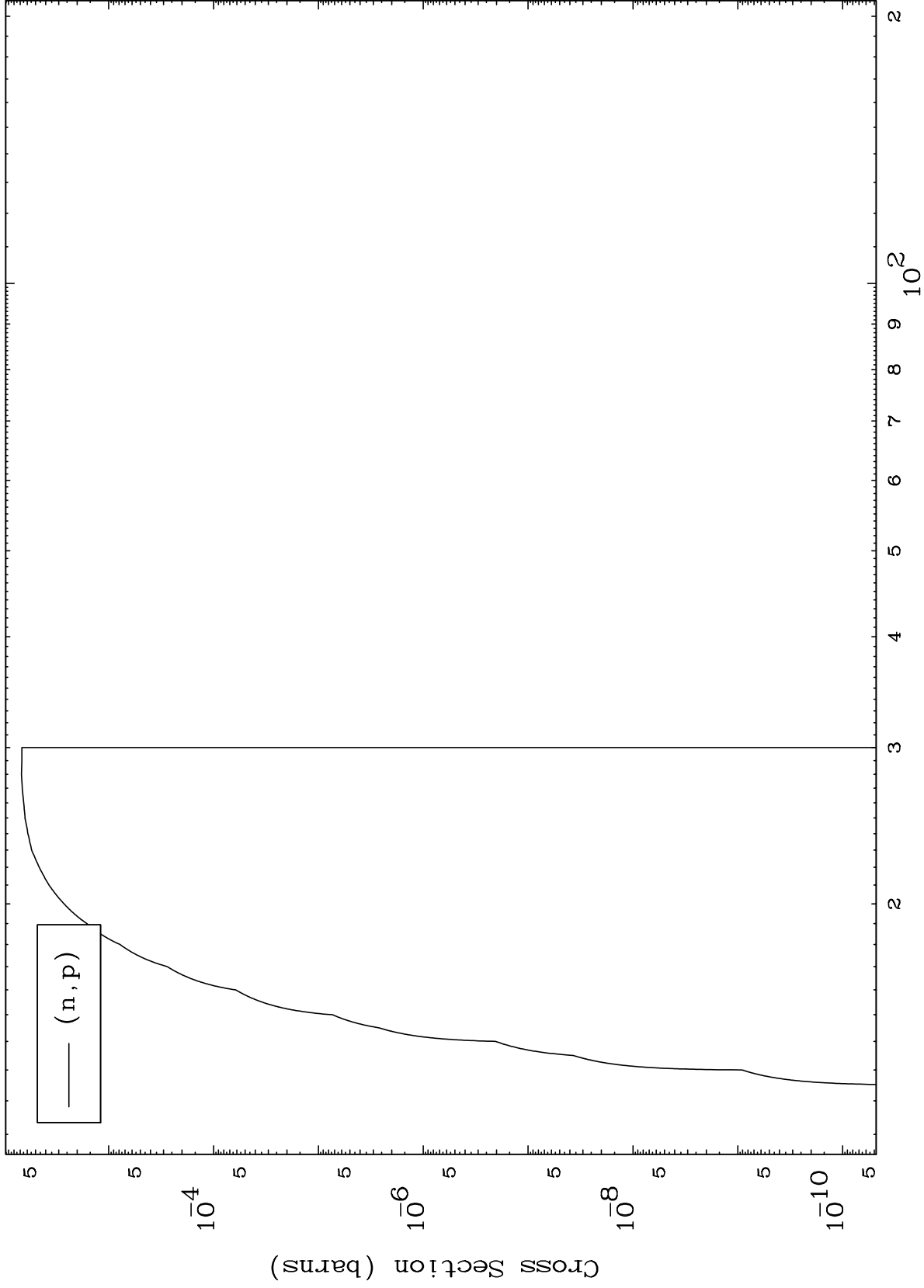
Incident Energy (MeV)

34-Se-86

MAT 3461

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-86



11

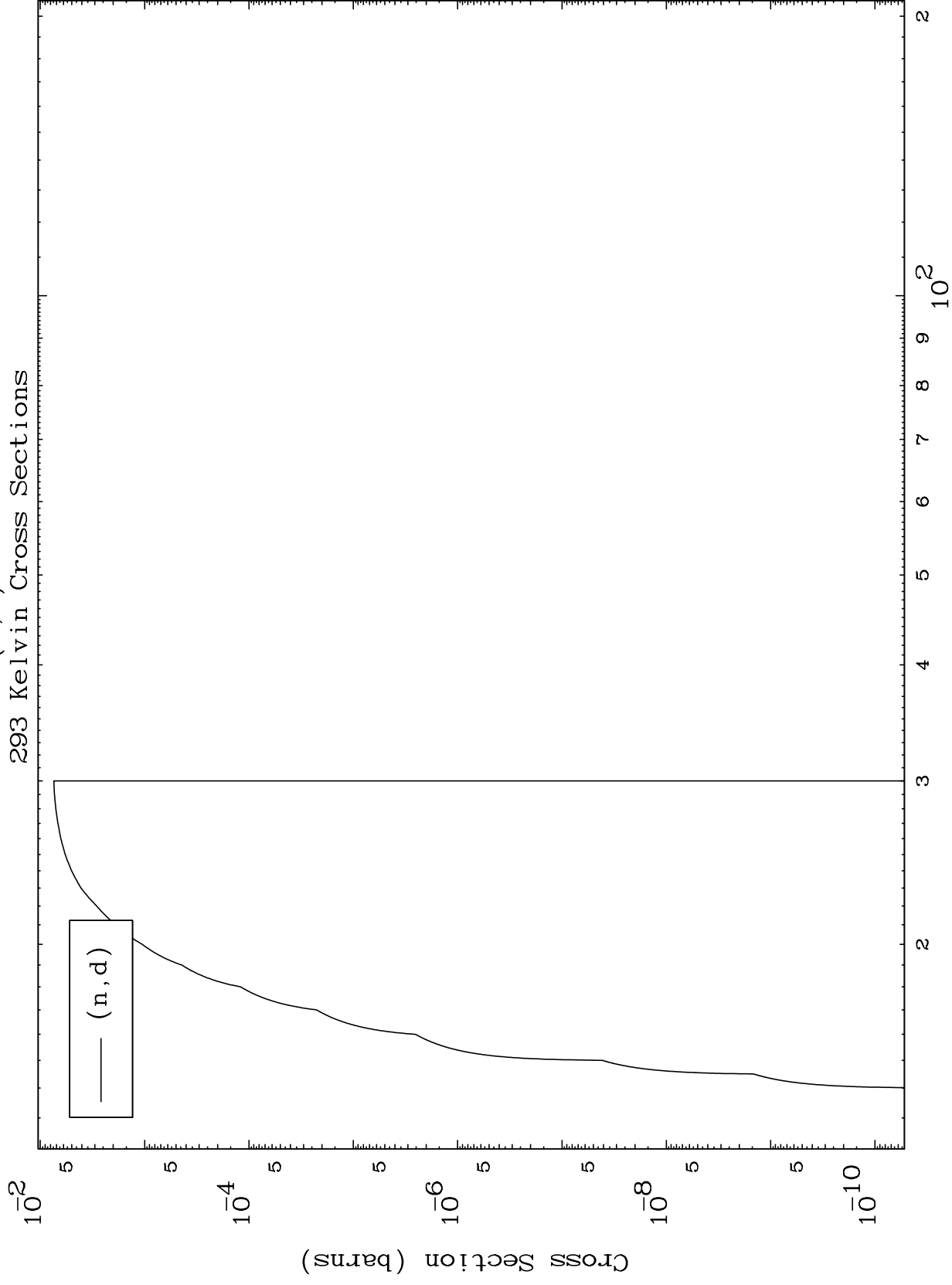
Incident Energy (MeV)

³⁴Se-86

MAT 3461

³⁴Se-86

(n,d) Levels
293 Kelvin Cross Sections



³⁴Se-86

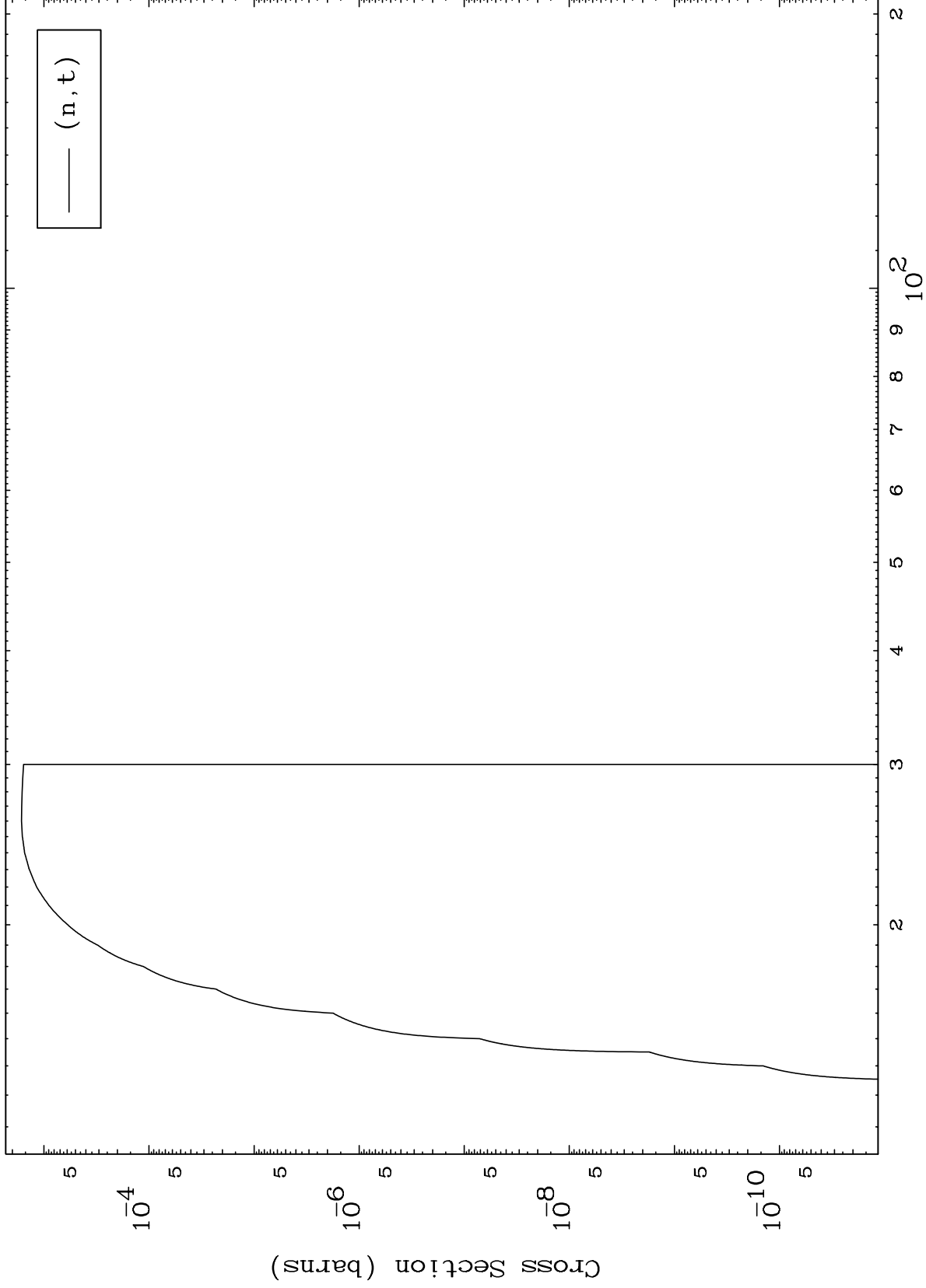
Incident Energy (MeV)

12

MAT 3461

(n,t) Levels
293 Kelvin Cross Sections

34-Se-86



13

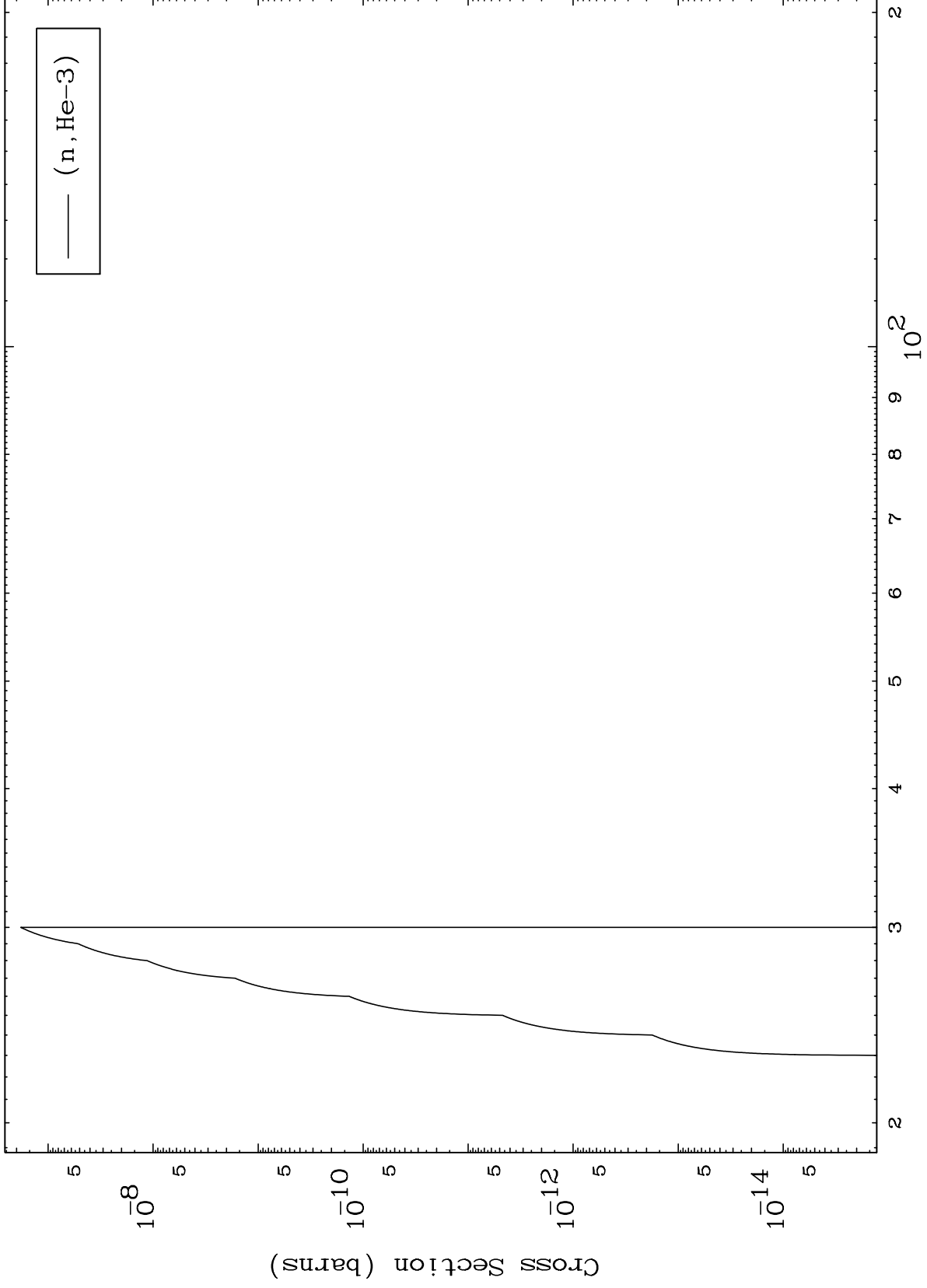
Incident Energy (MeV)

34-Se-86

MAT 3461

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-86



14

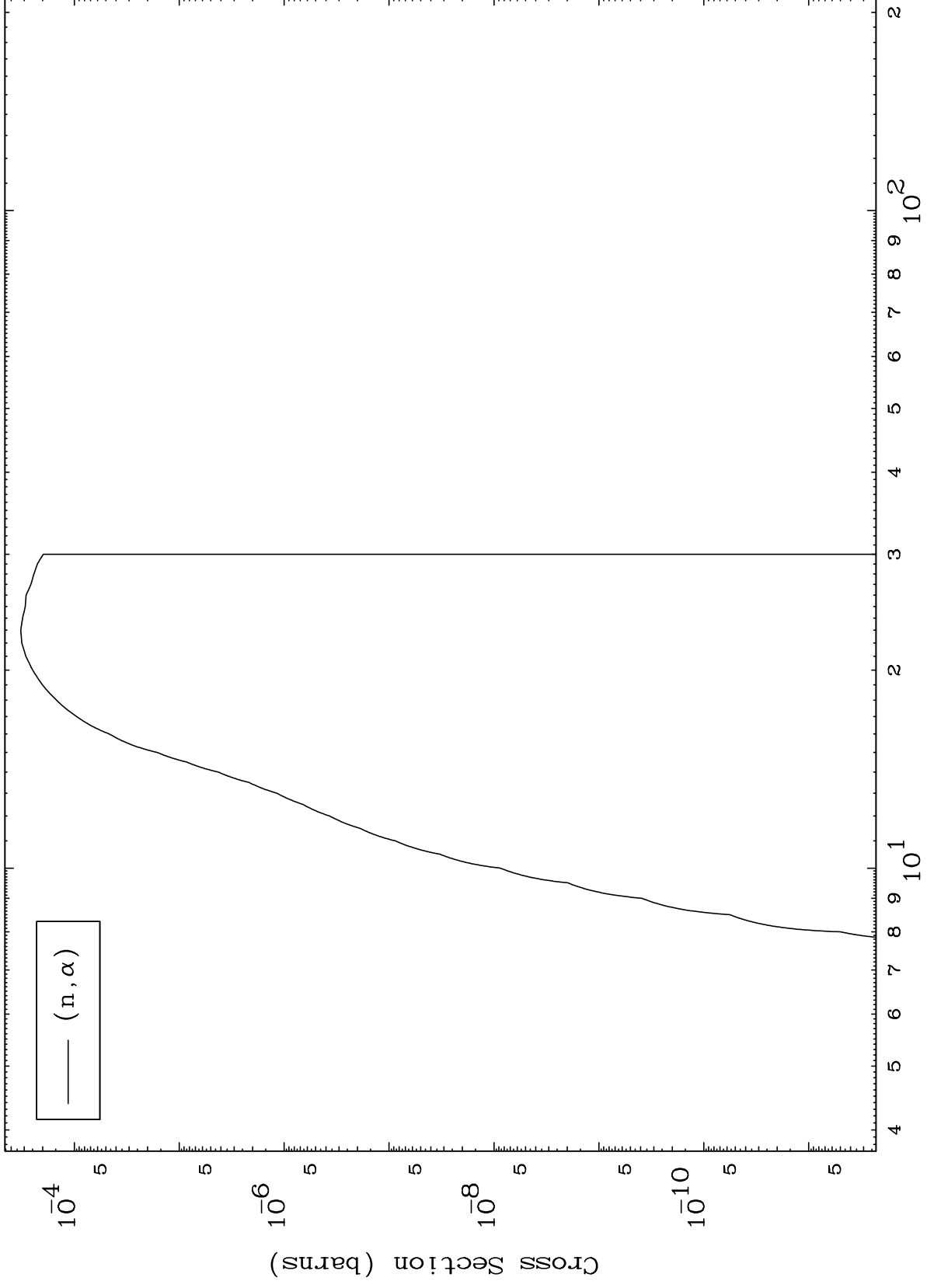
Incident Energy (MeV)

34-Se-86

MAT 3461

(n, α) Levels
293 Kelvin Cross Sections

34-Se-86



15

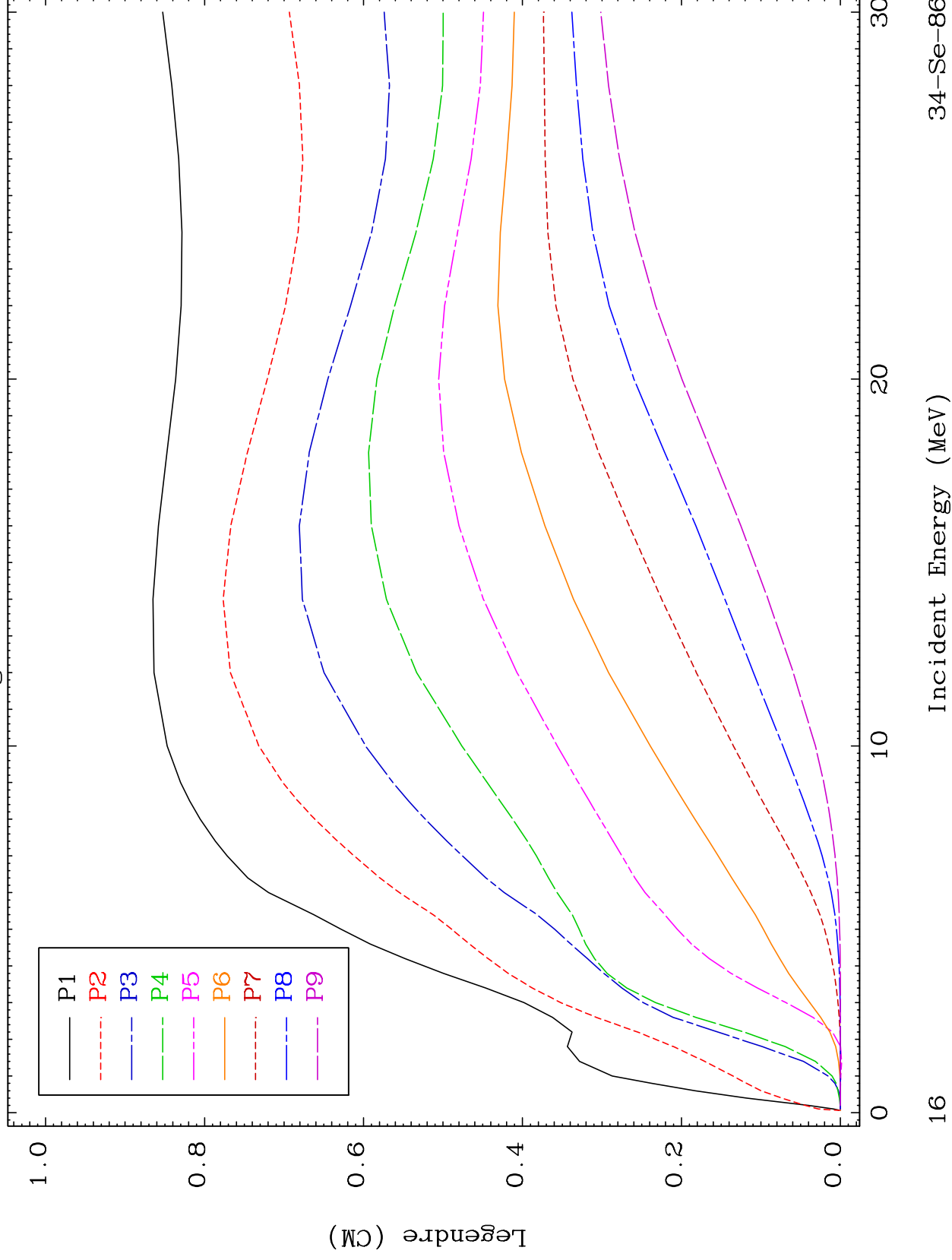
Incident Energy (MeV)

34-Se-86

MAT 3461

Elastic Legendre Coefficients

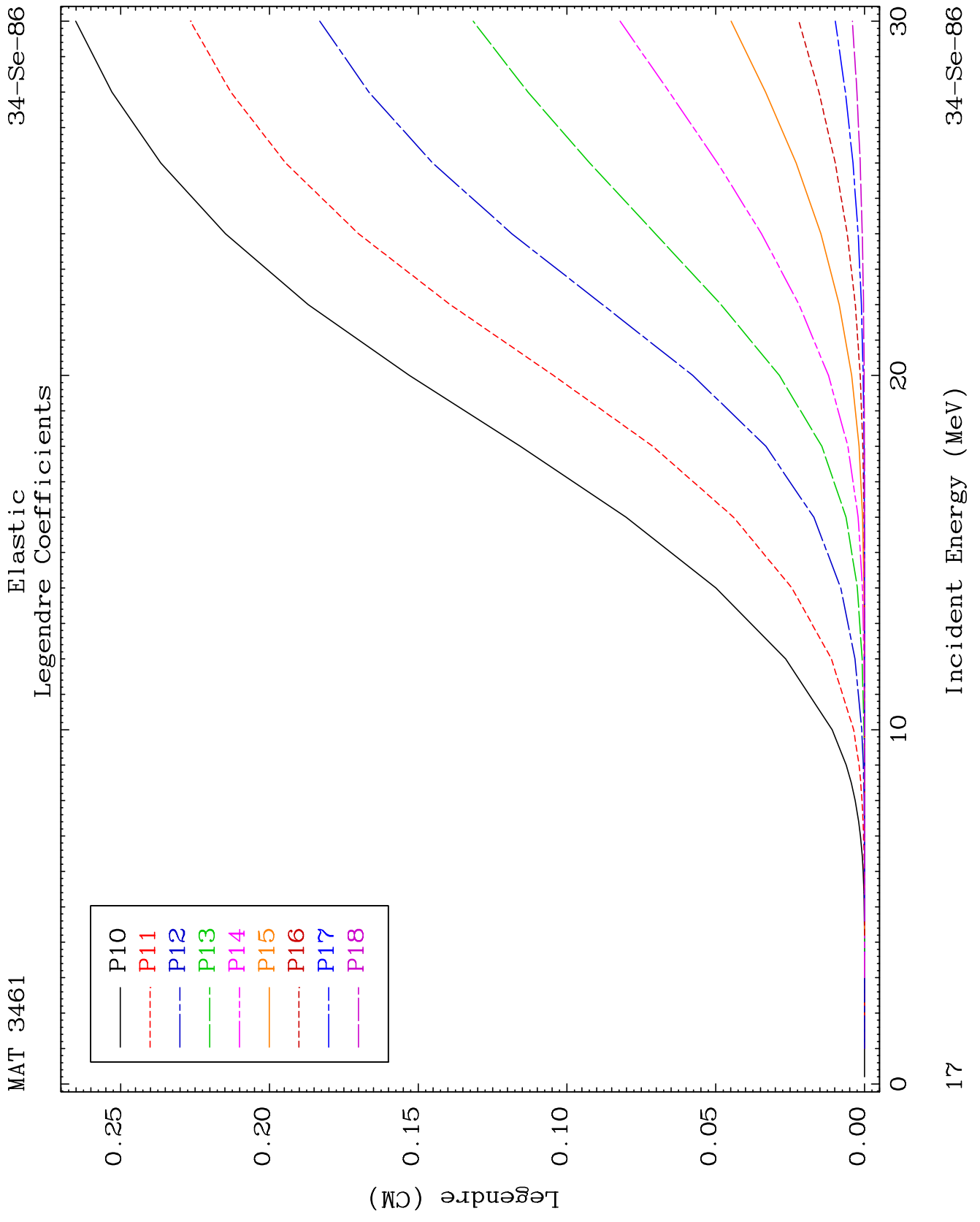
³⁴Se-86



16

Incident Energy (MeV)

³⁴Se-86



MAT 3461

Elastic Legendre Coefficients

34-Se-86

17

Incident Energy (MeV)

34-Se-86

Legendre (CM)

0

10

20

30

0.25

0.20

0.15

0.10

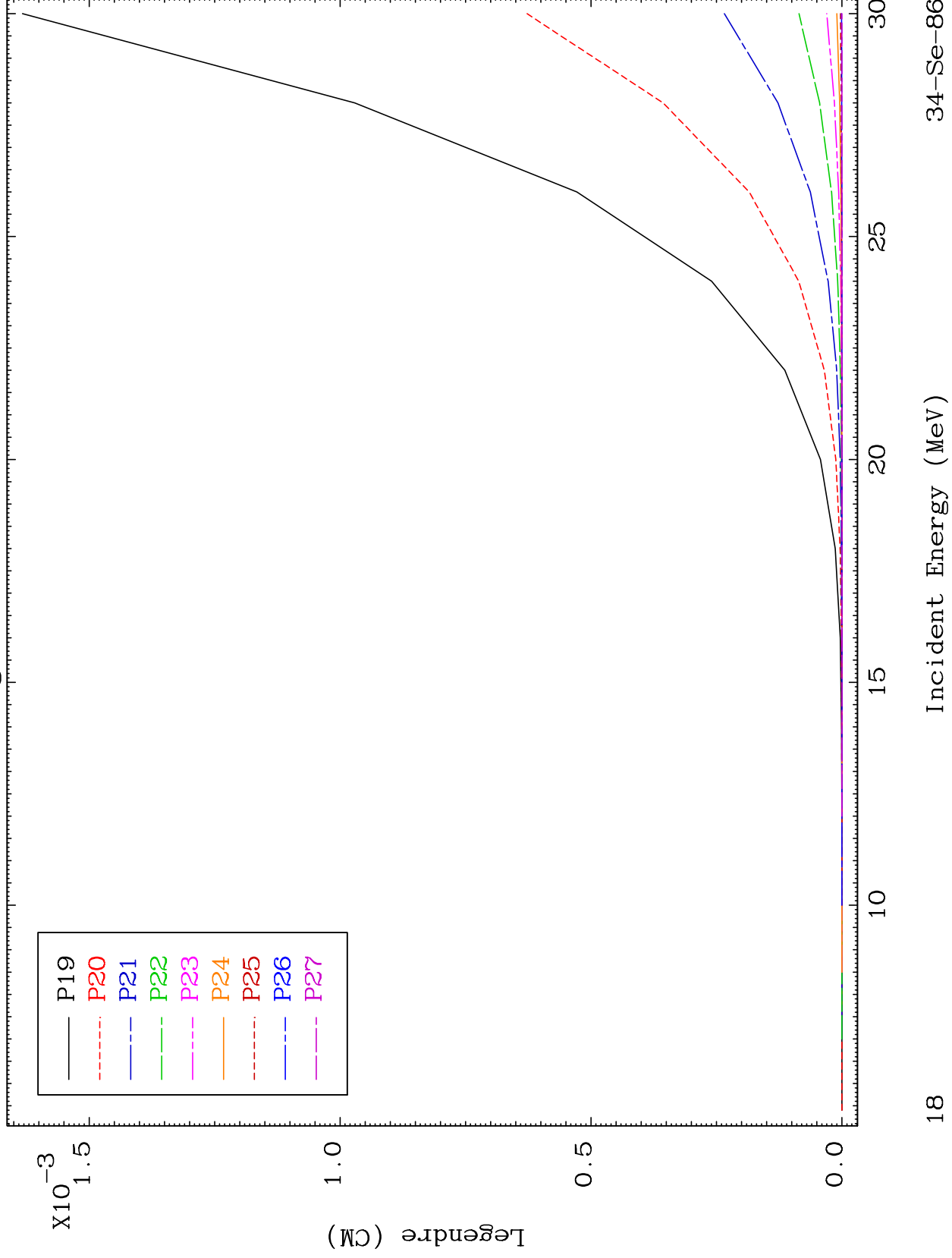
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0.00

MAT 3461

Elastic Legendre Coefficients

³⁴Se-86



18

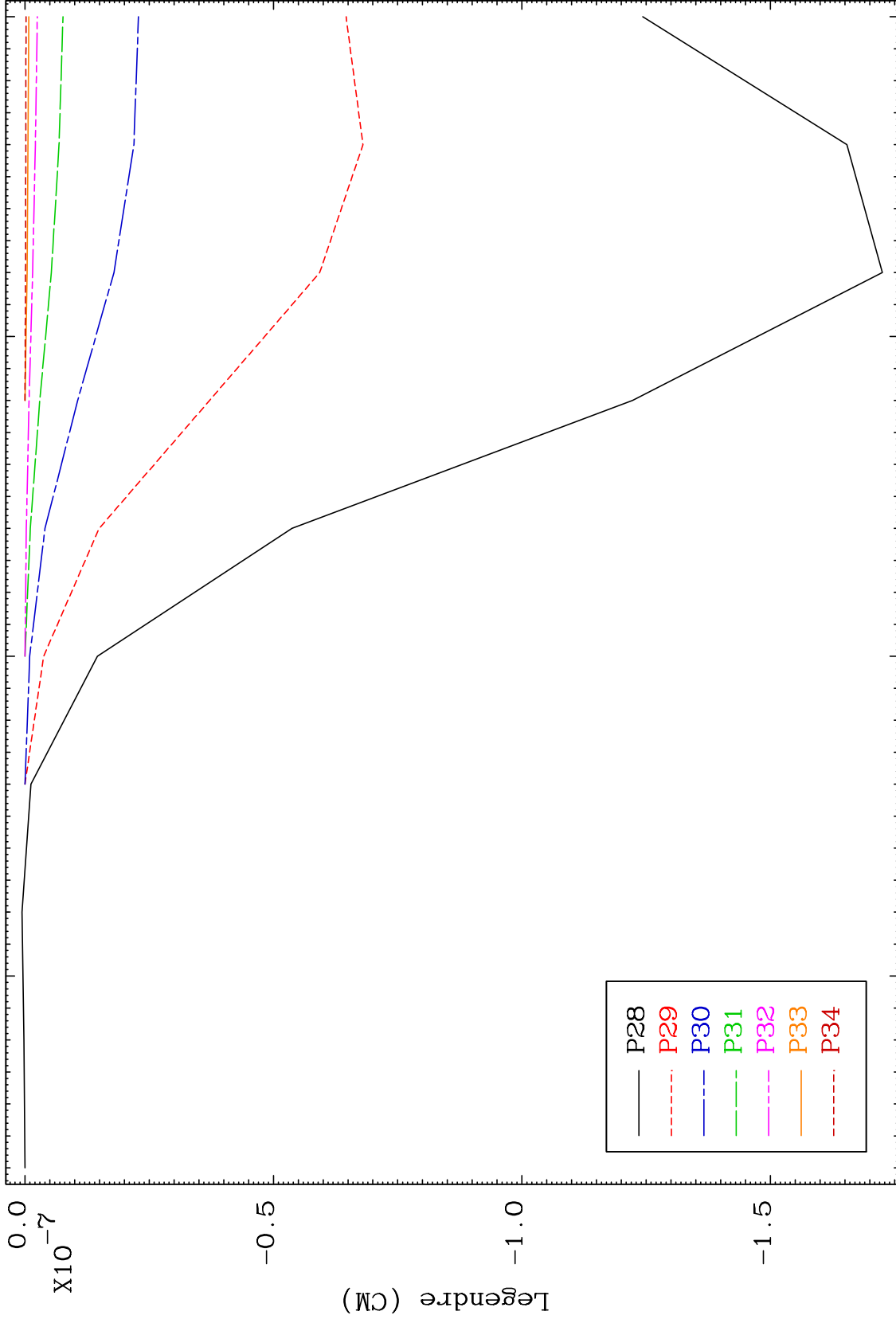
Incident Energy (MeV)

³⁴Se-86

MAT 3461

³⁴Se-86

Elastic
Legendre Coefficients



19

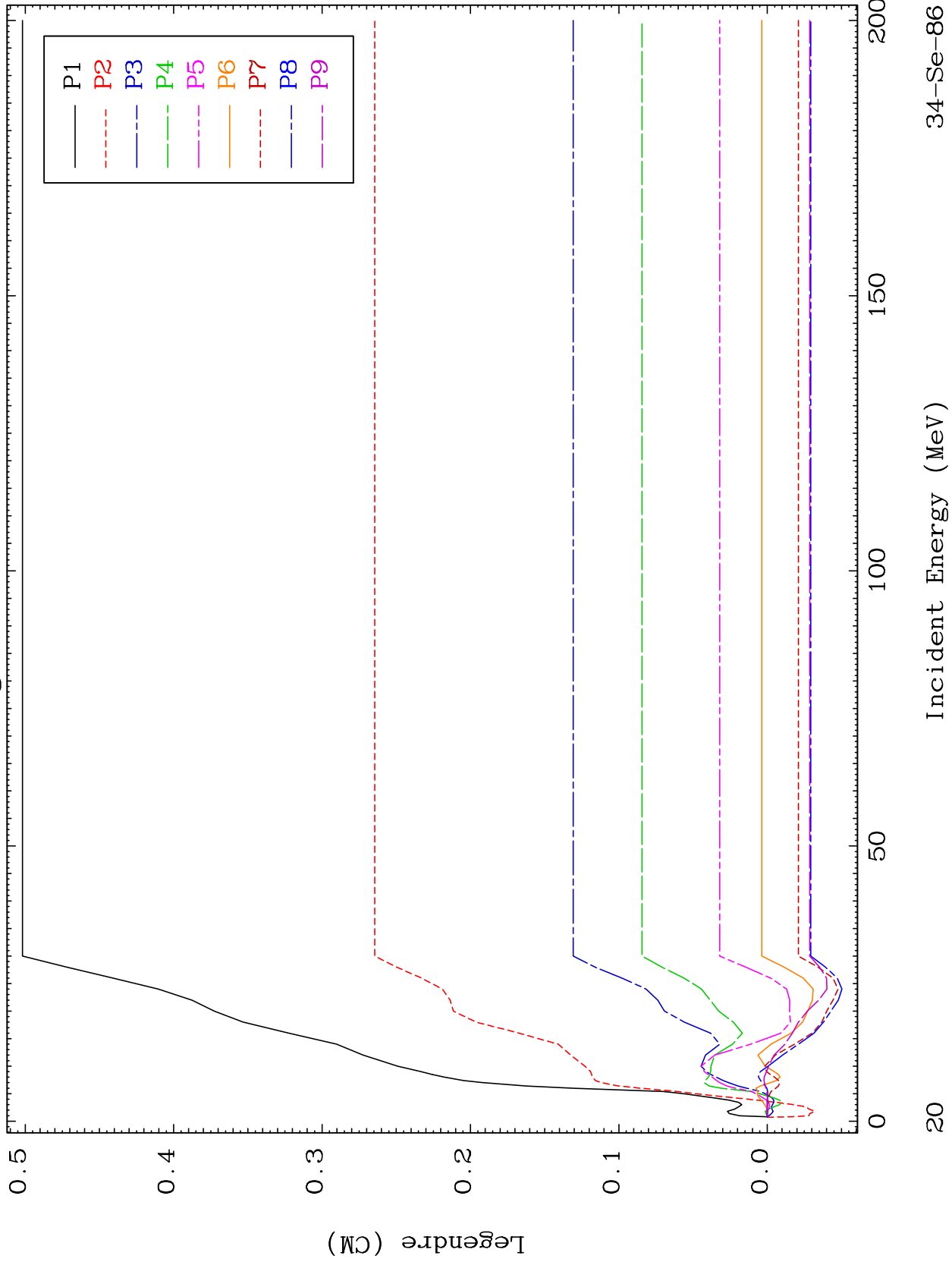
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

³⁴Se-86

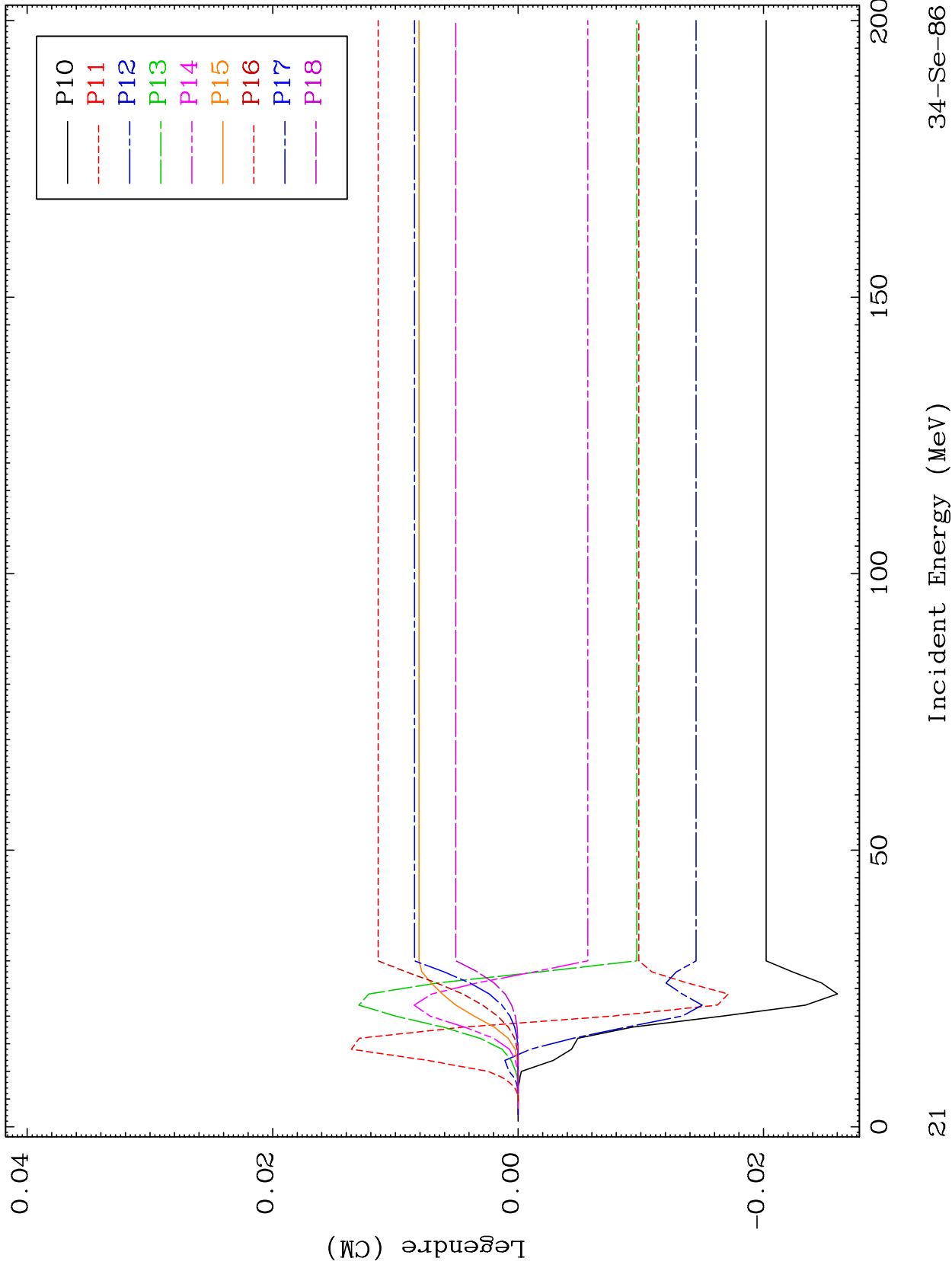


³⁴Se-86

MAT 3461

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

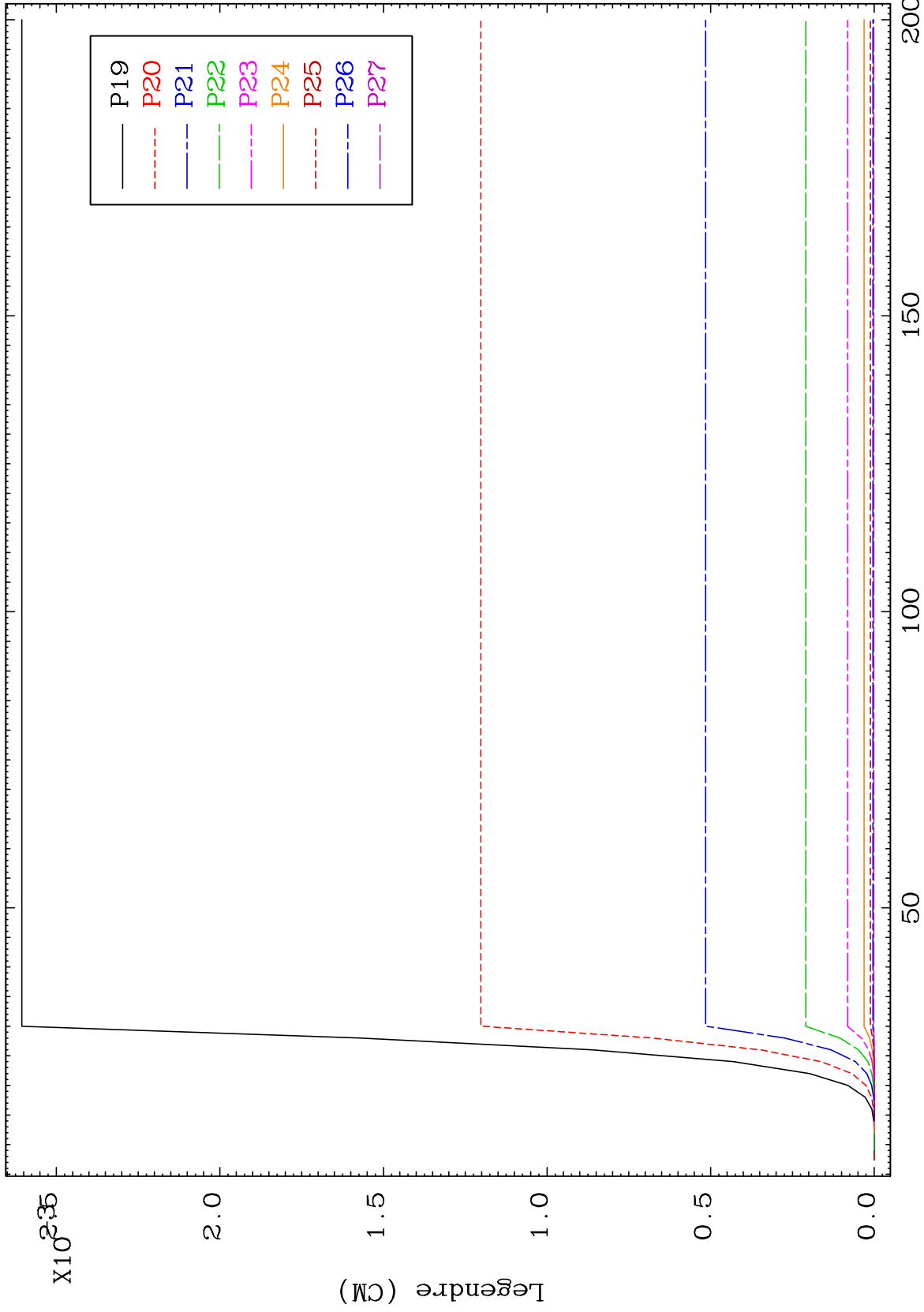
³⁴Se-86



21

Incident Energy (MeV)

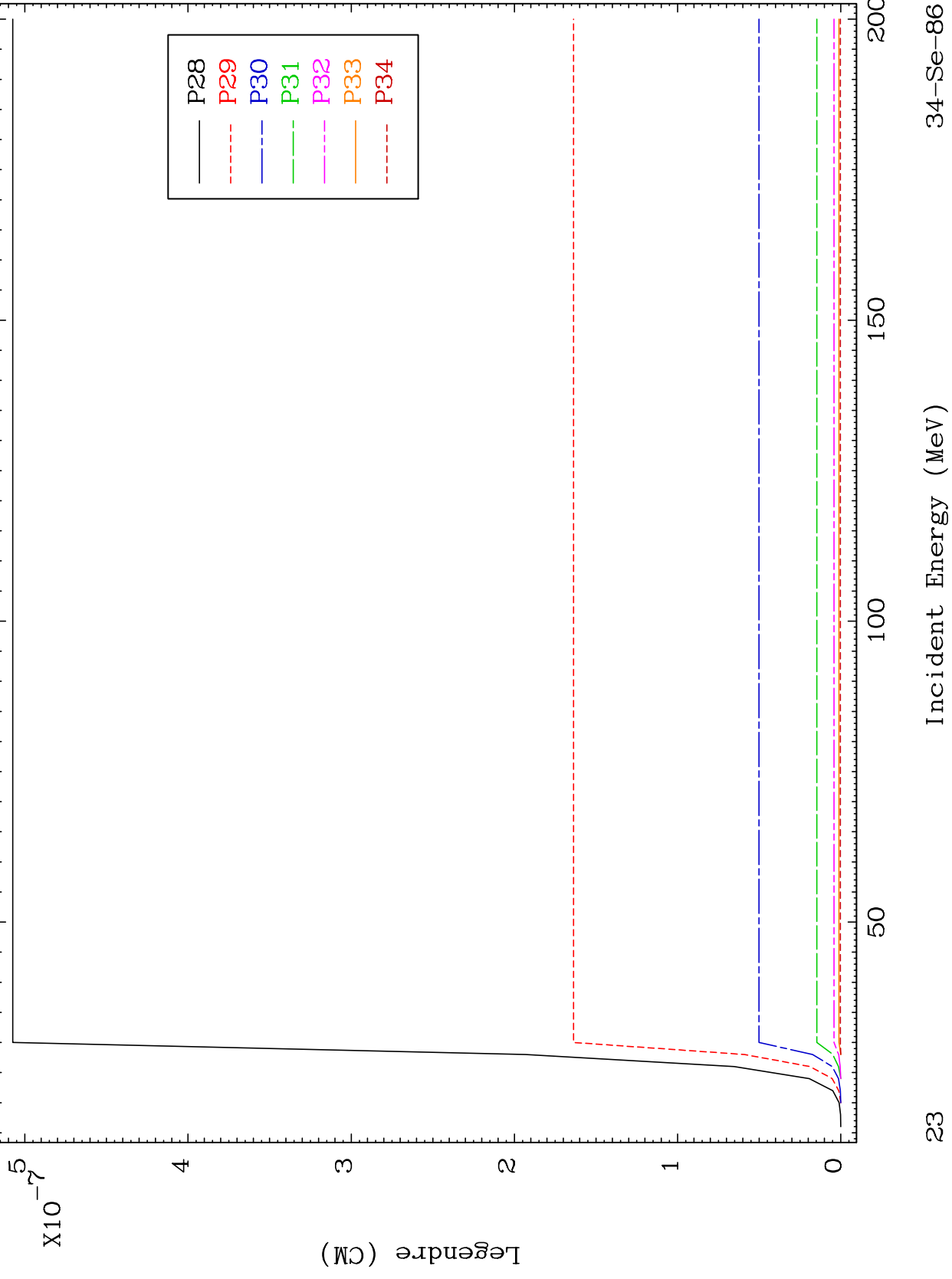
³⁴Se-86



MAT 3461

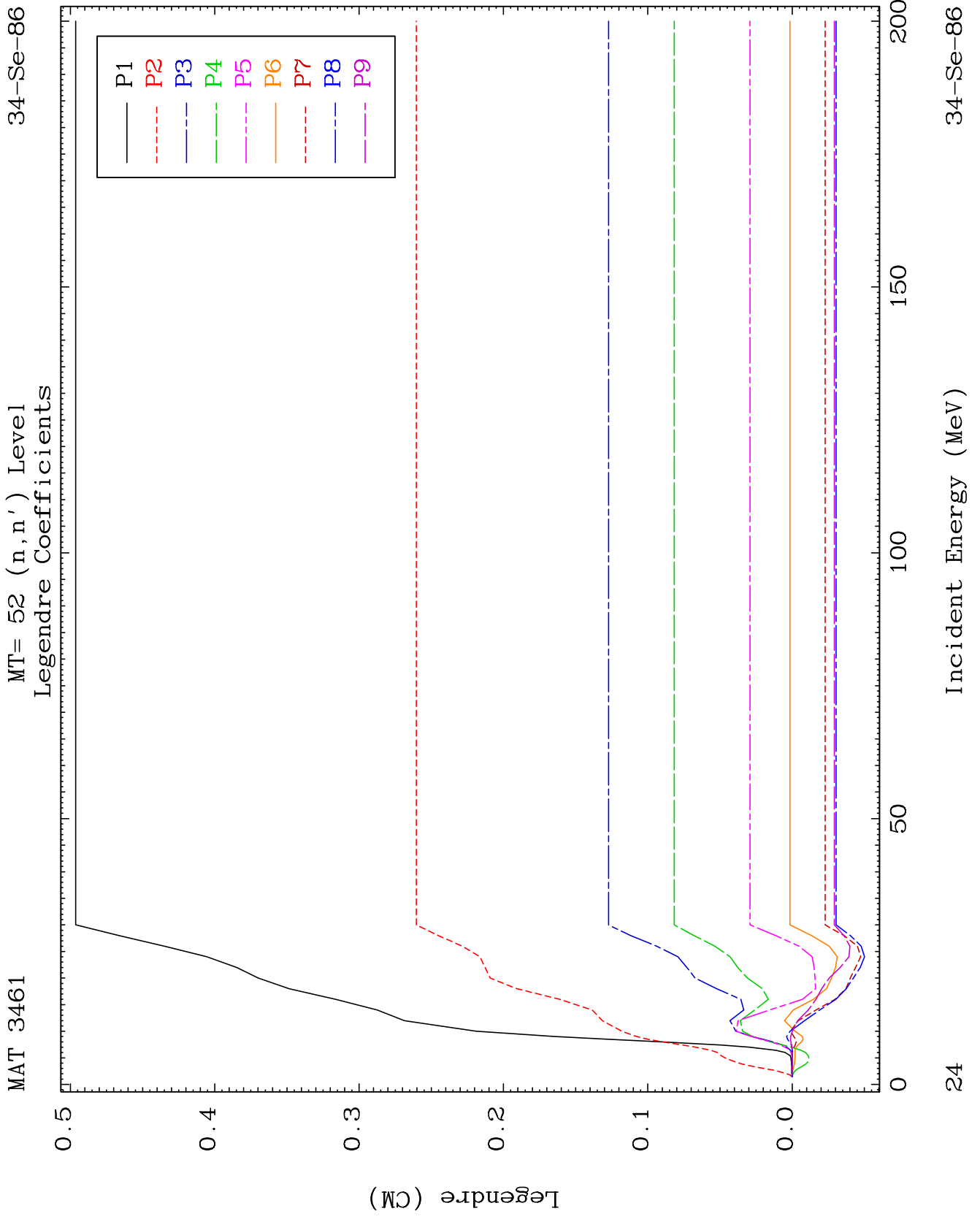
MT= 51 (n,n') Level
Legendre Coefficients

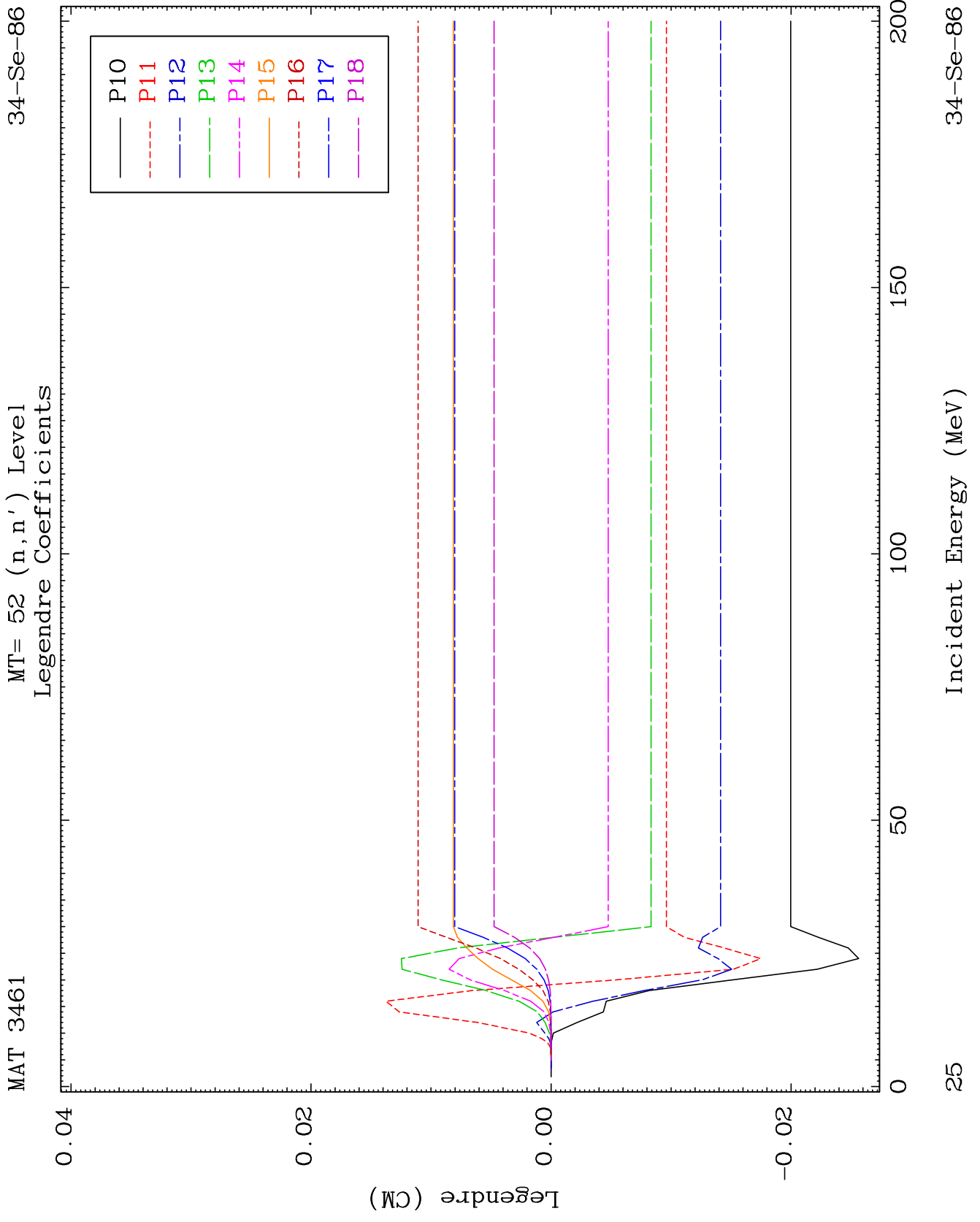
34-Se-86

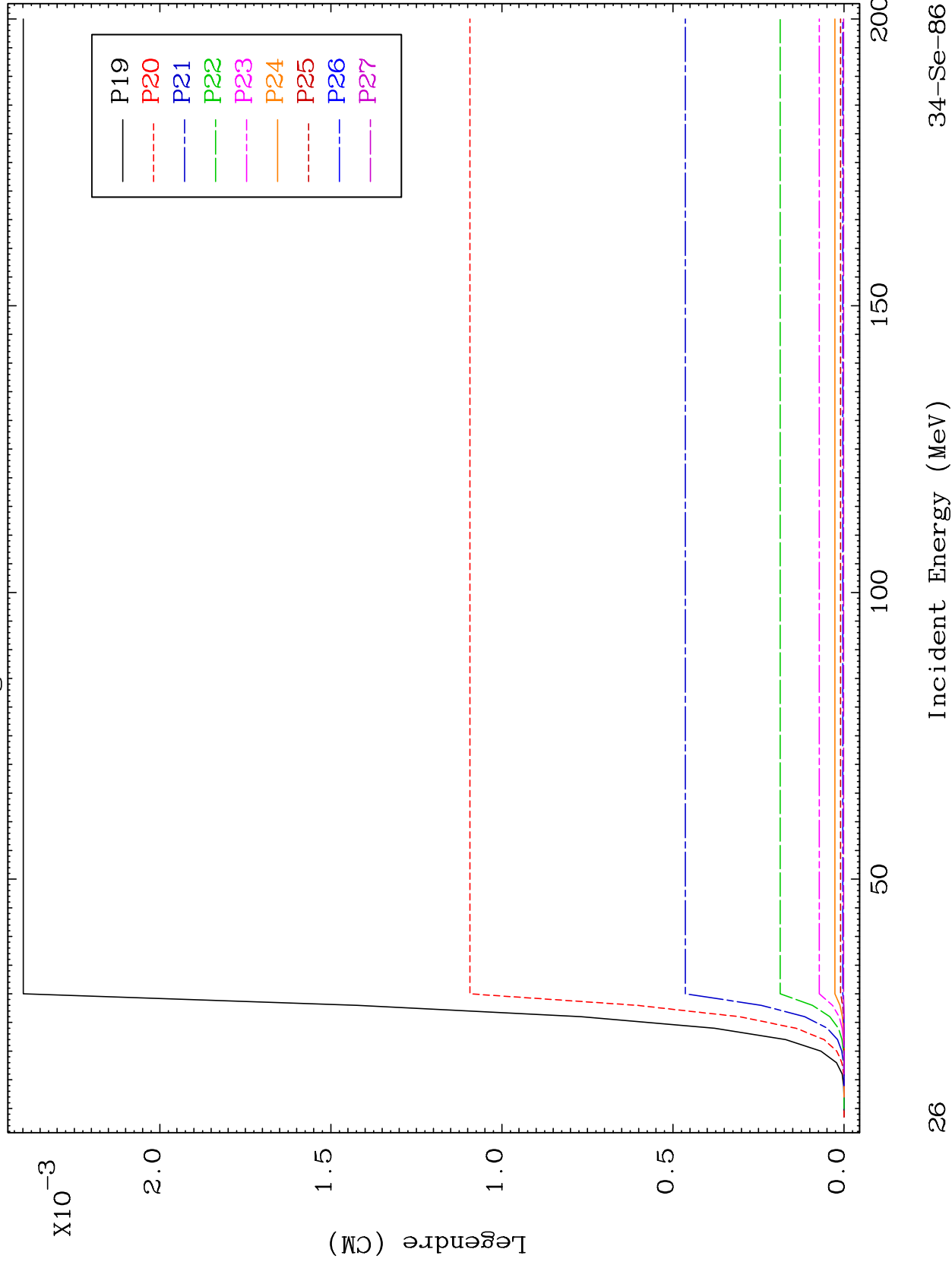


23

34-Se-86



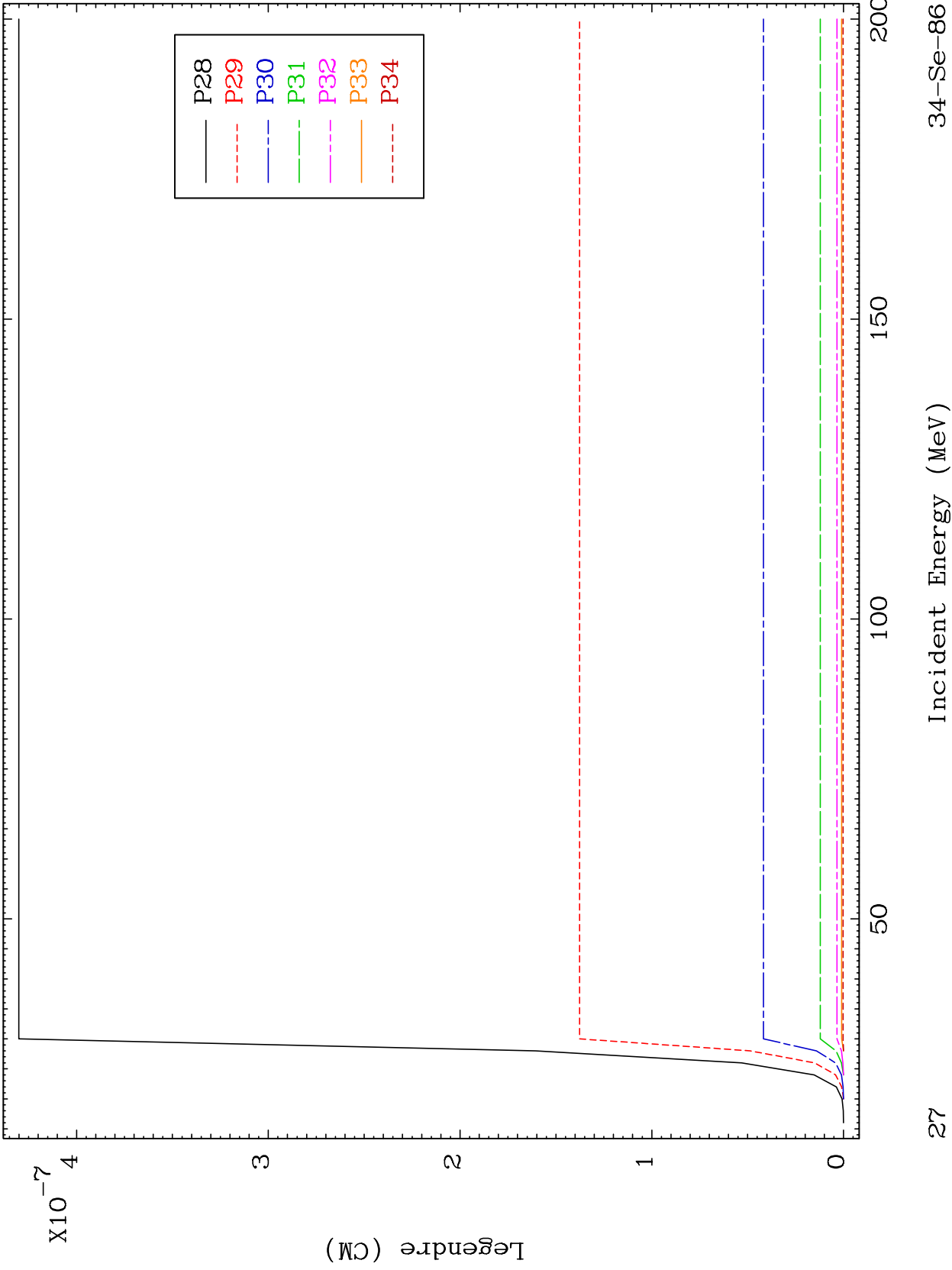




MAT 3461

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

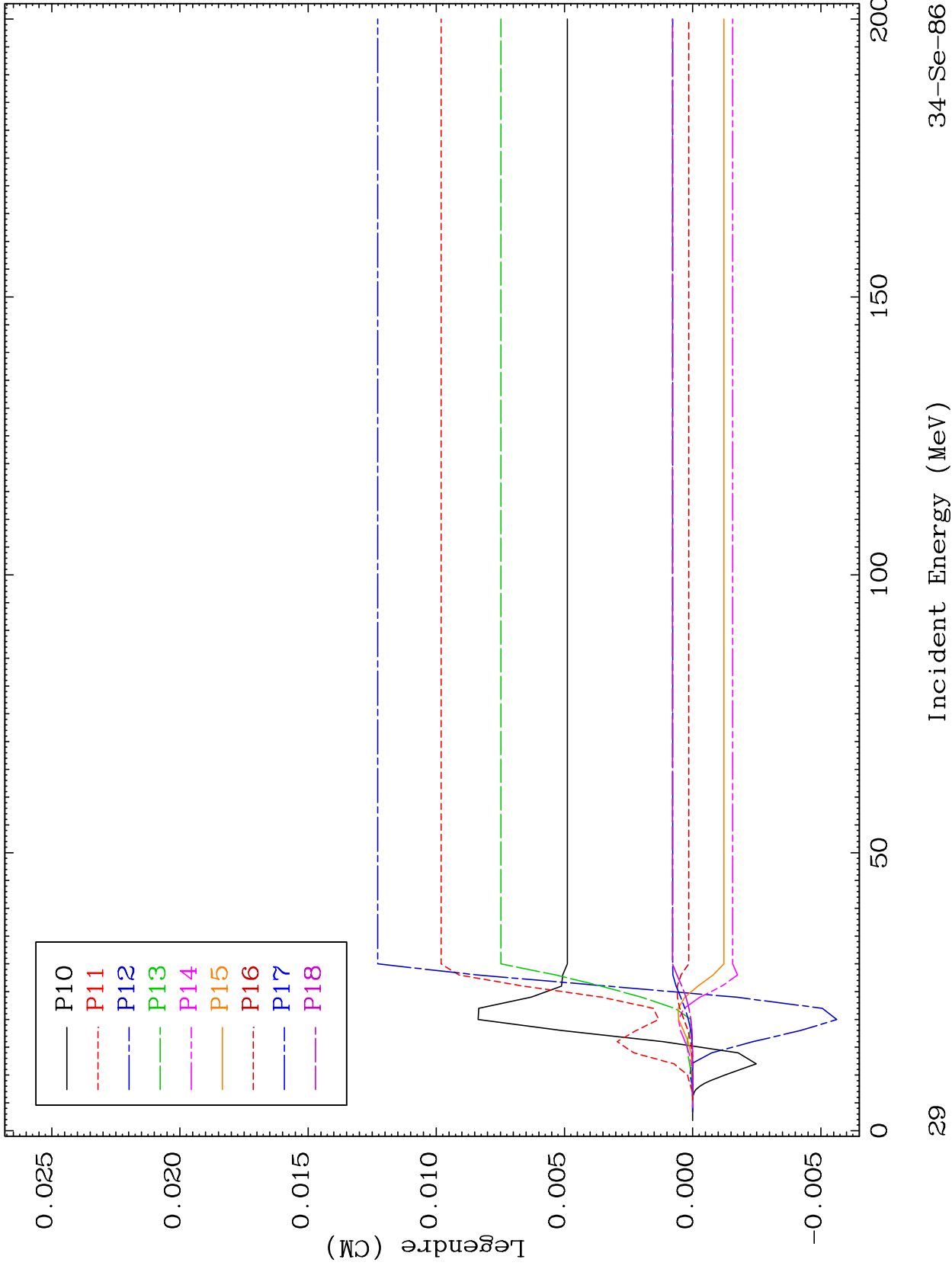
34-Se-86



MAT 3461

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

³⁴Se-86



29

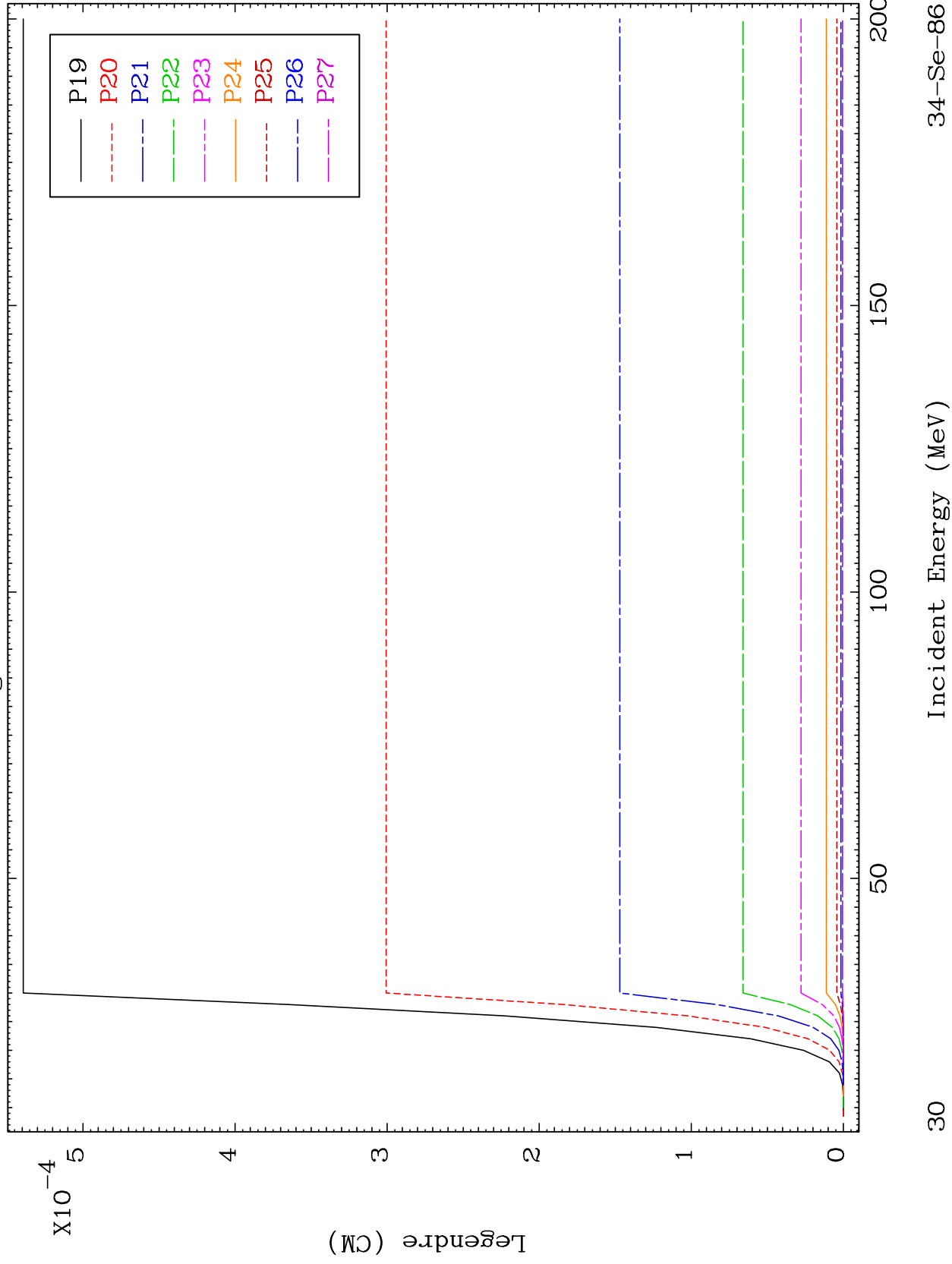
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

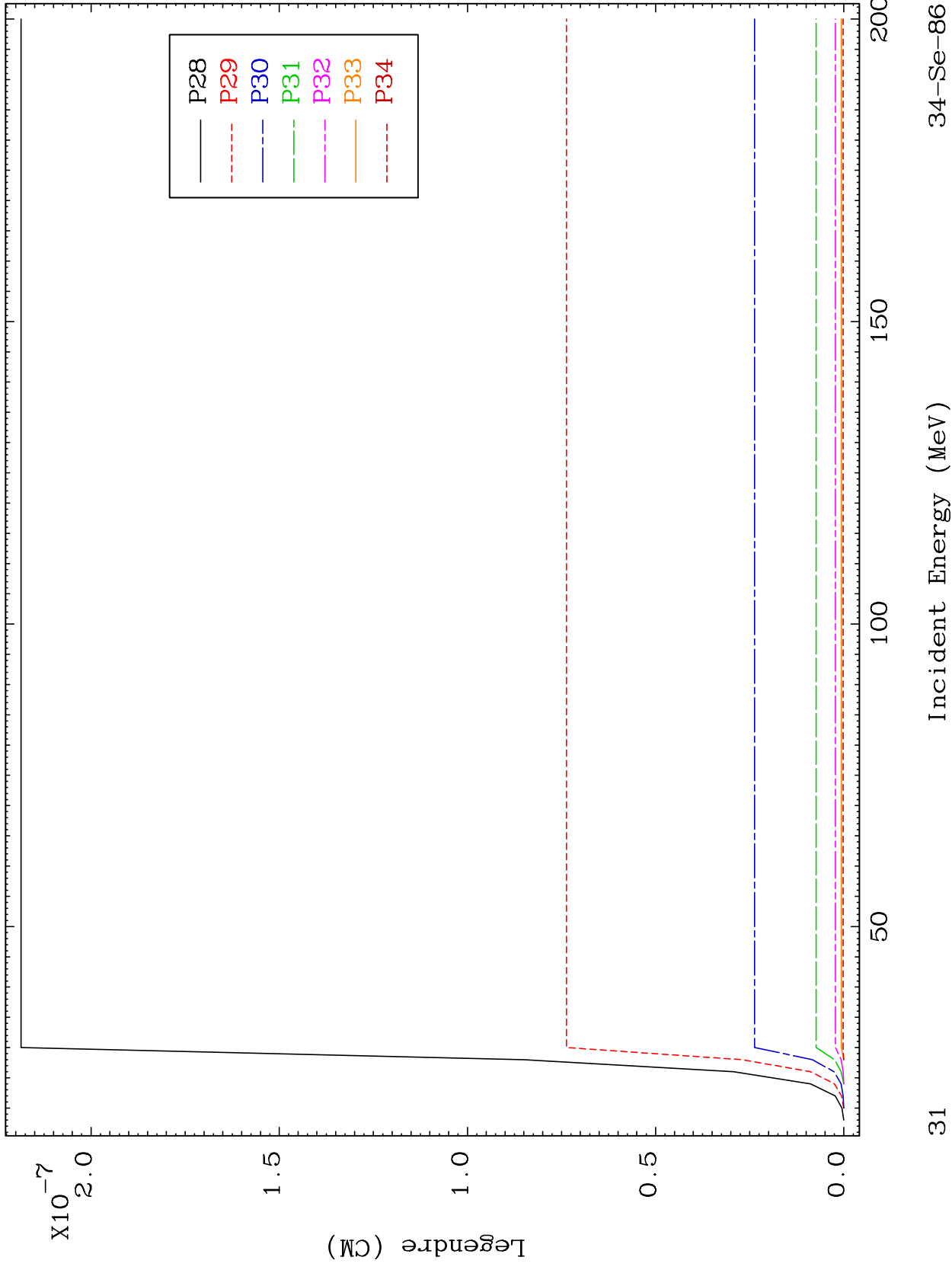
³⁴Se-86



MAT 3461

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

34-Se-86



31

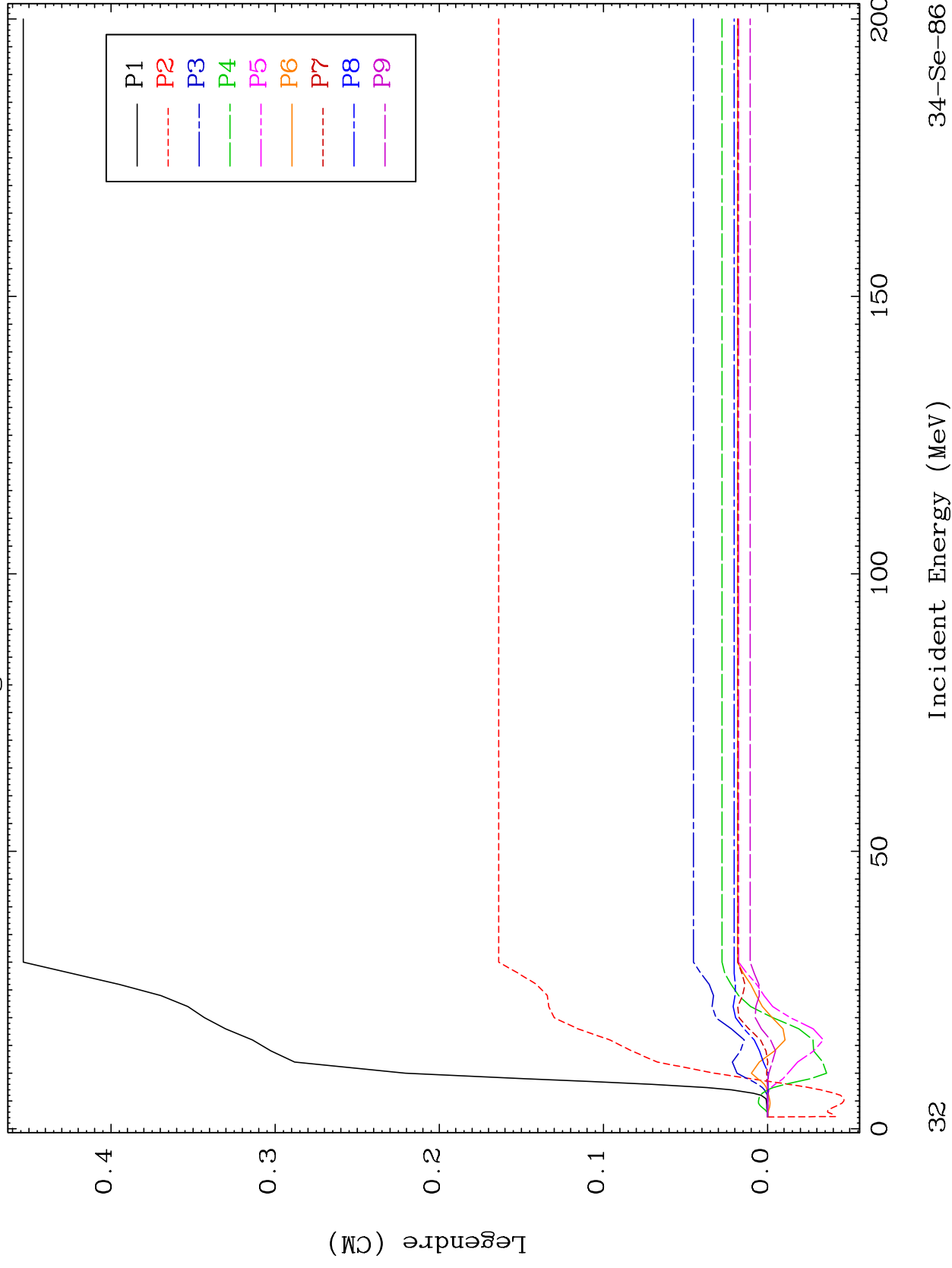
Incident Energy (MeV)

34-Se-86

MAT 3461

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

³⁴Se-86



³⁴Se-86

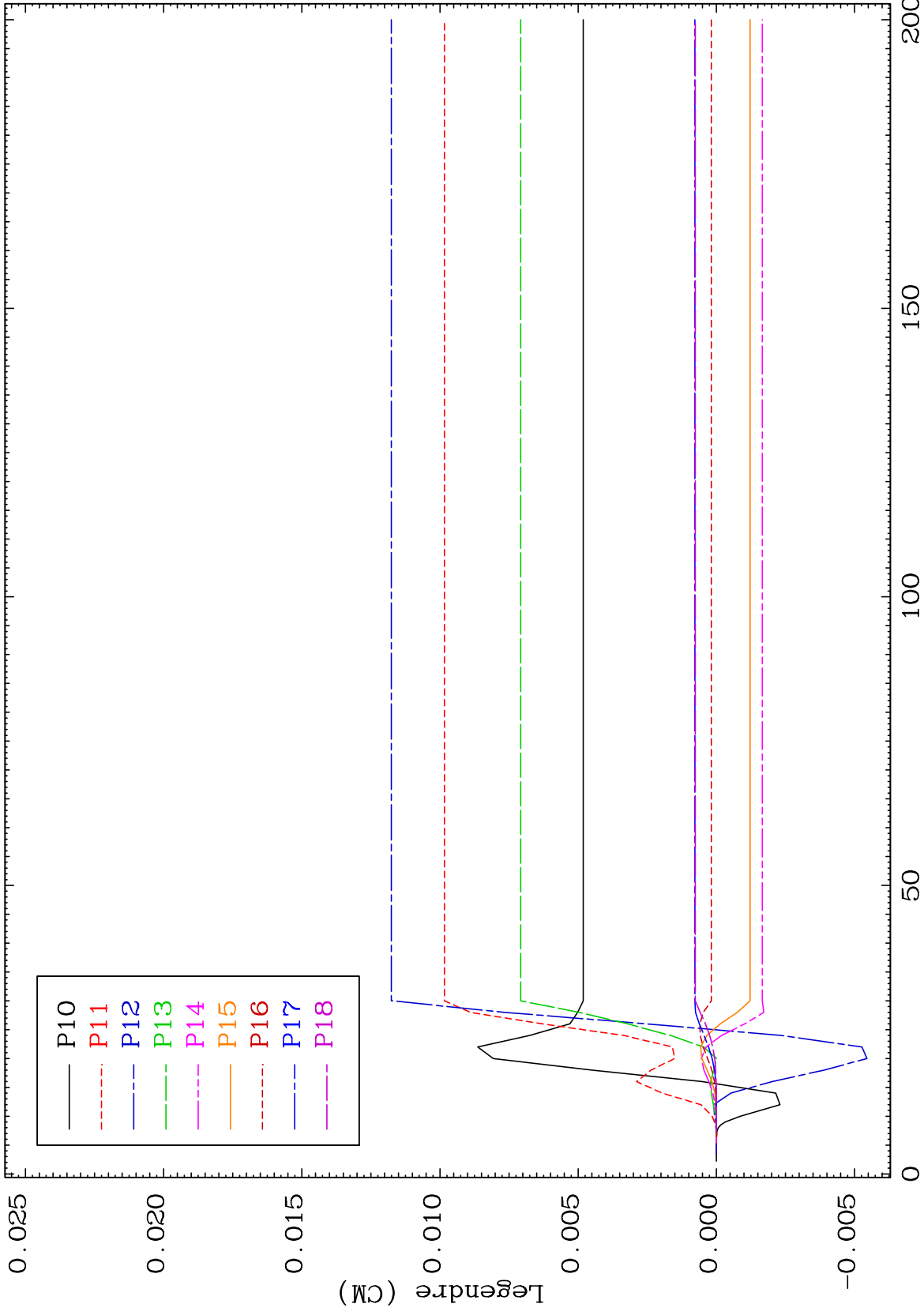
Incident Energy (MeV)

32

MAT 3461

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

34-Se-86



33

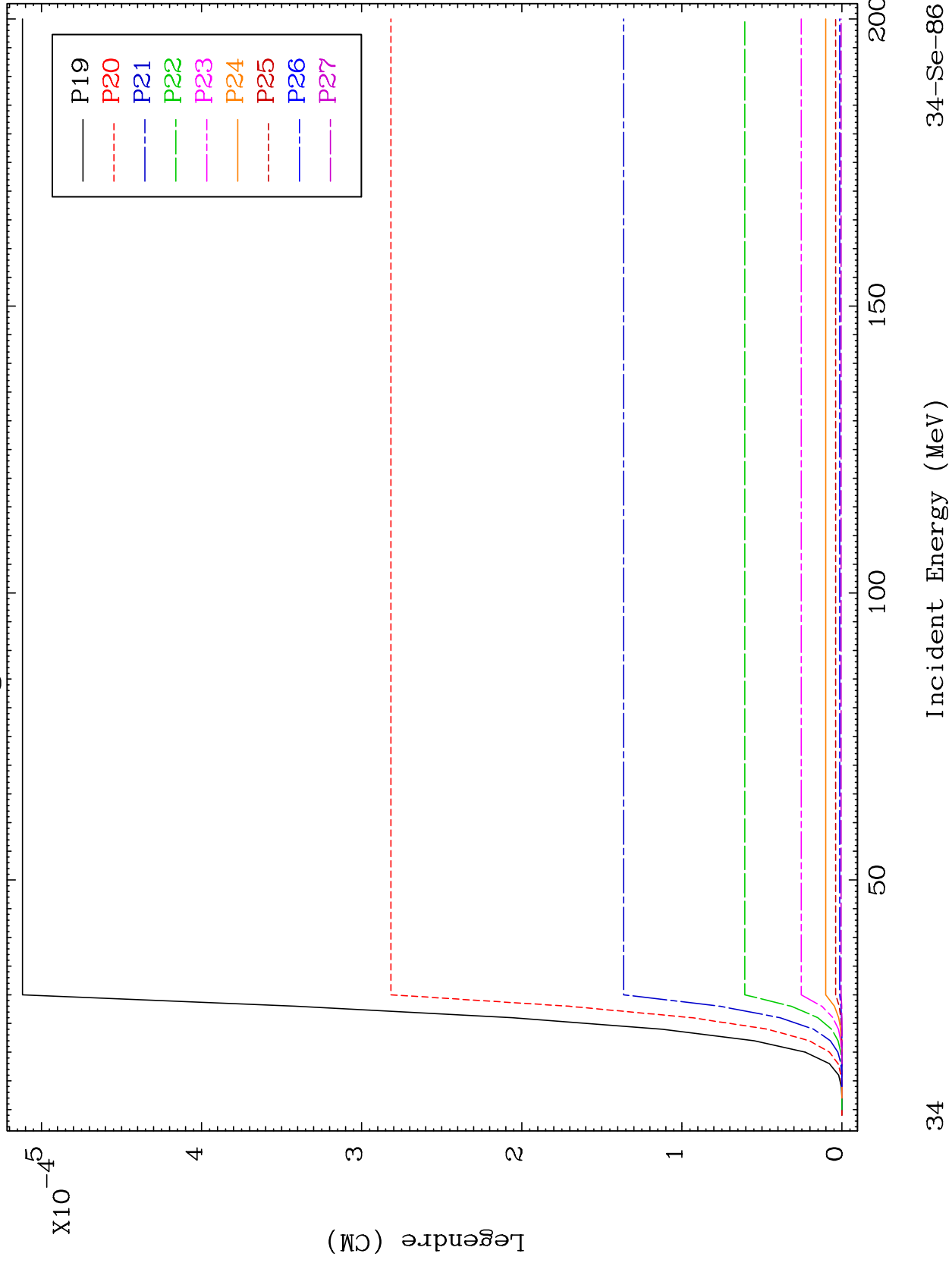
Incident Energy (MeV)

34-Se-86

MAT 3461

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

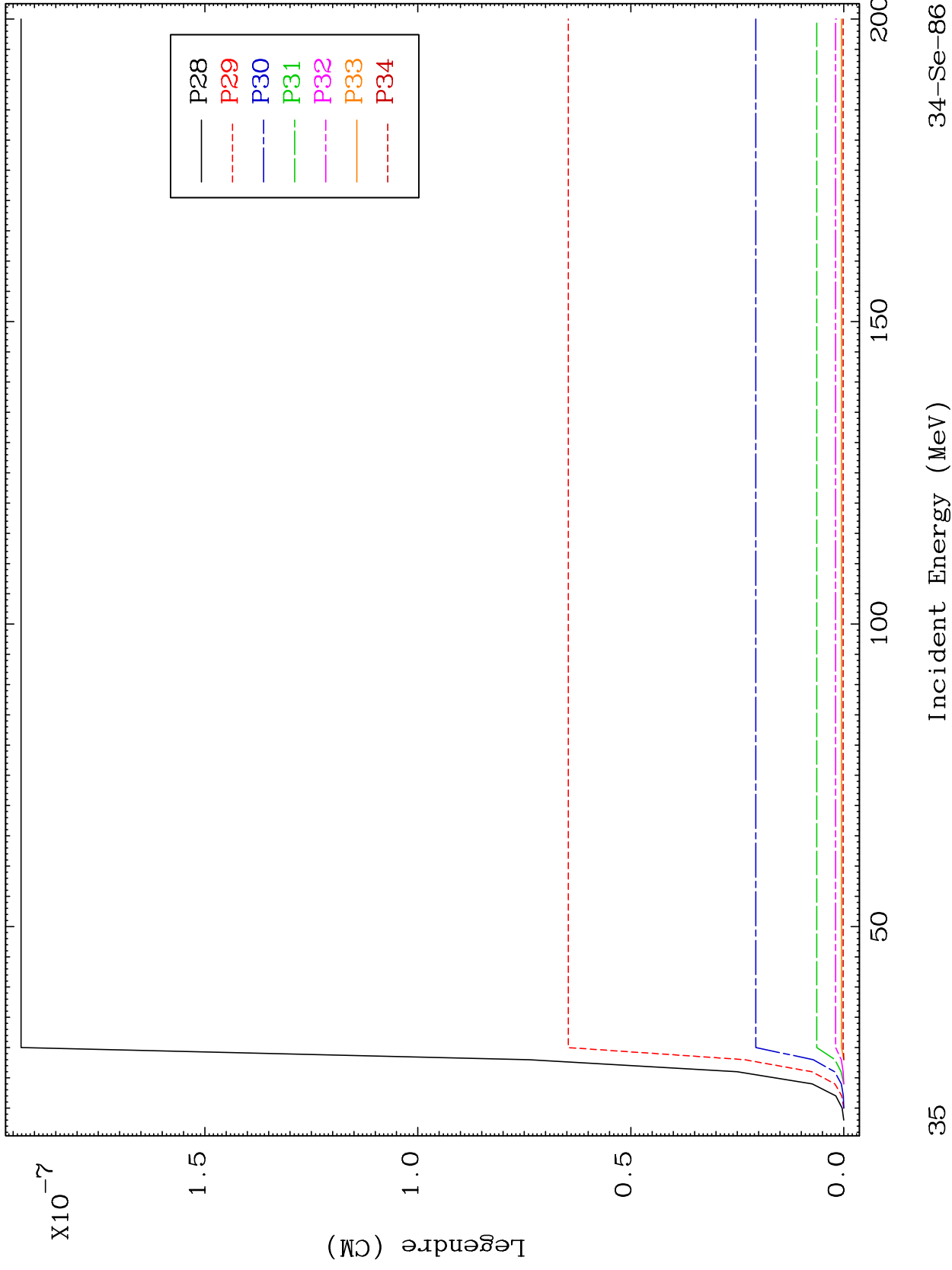
³⁴Se-86



MAT 3461

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

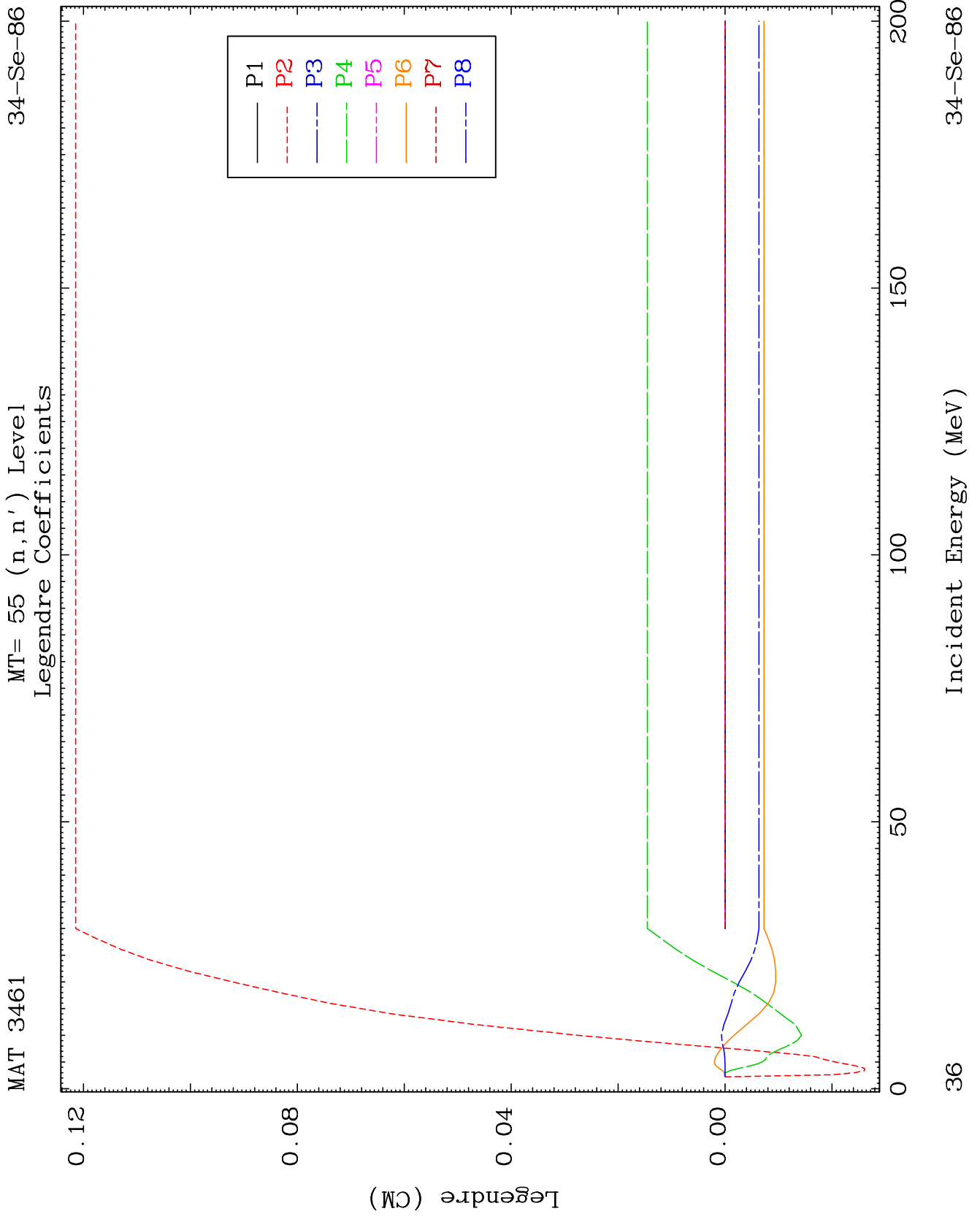
³⁴Se-86



35

Incident Energy (MeV)

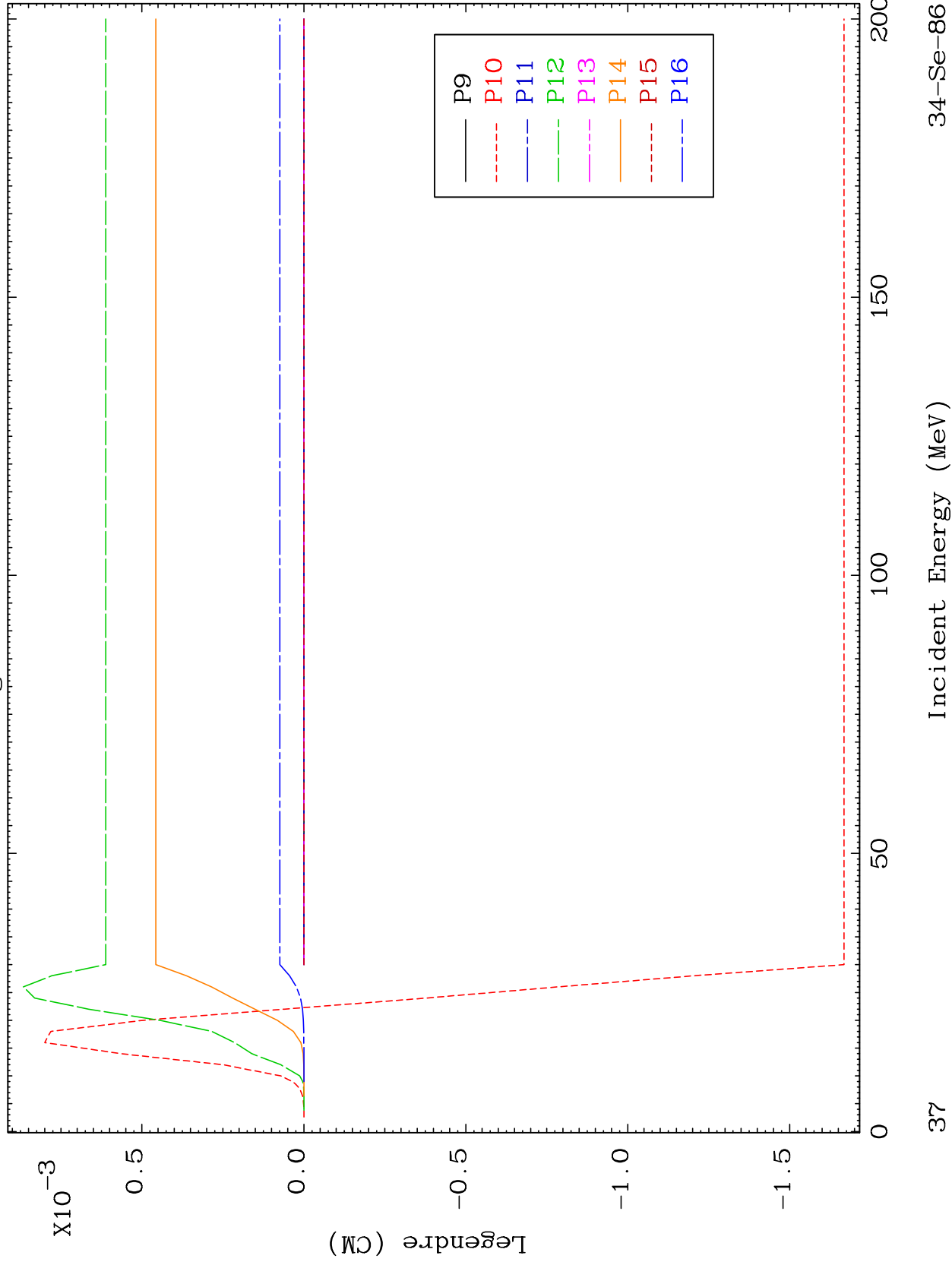
³⁴Se-86



MAT 3461

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

34-Se-86



34-Se-86

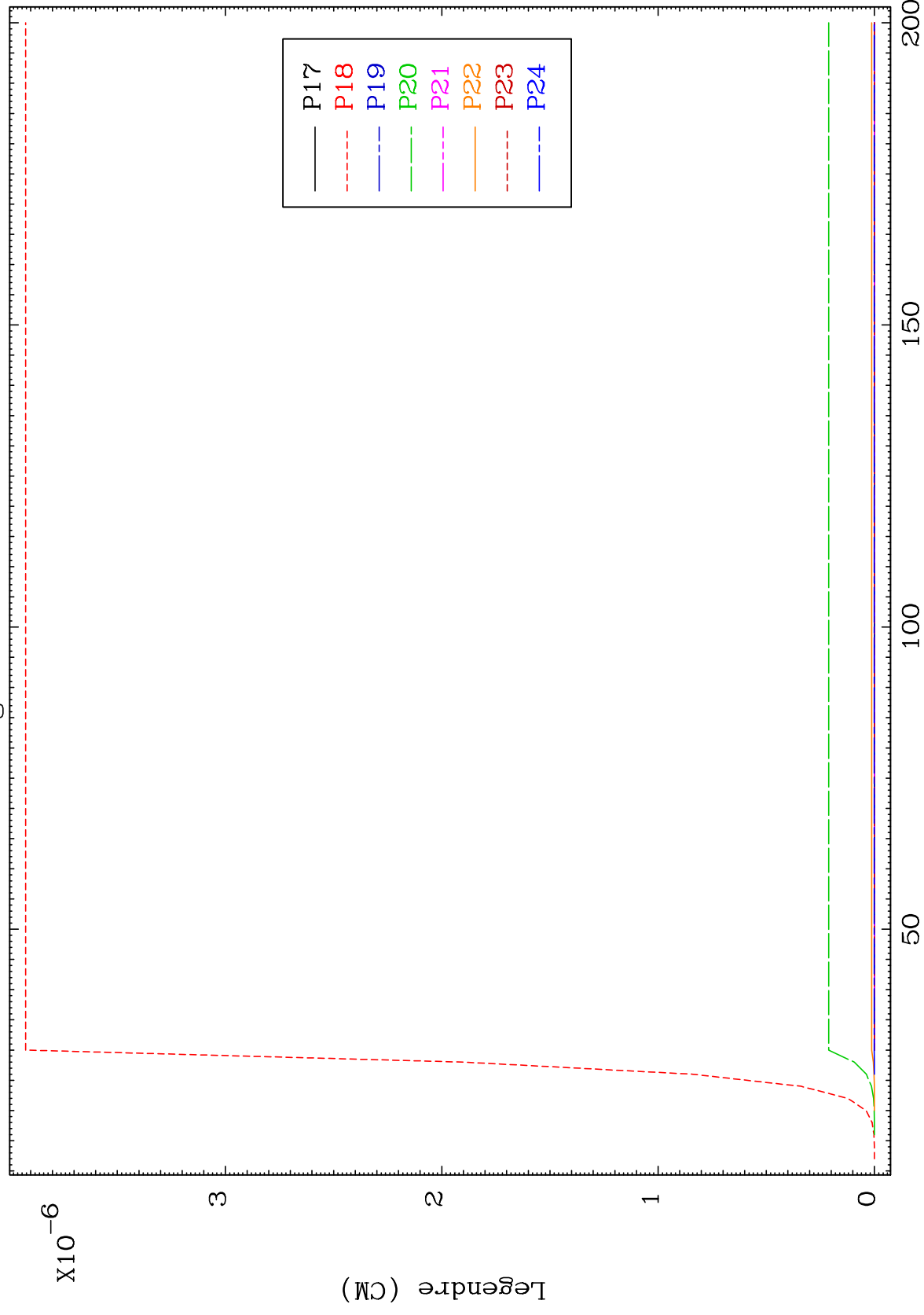
Incident Energy (MeV)

37

MAT 3461

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

34-Se-86



34-Se-86

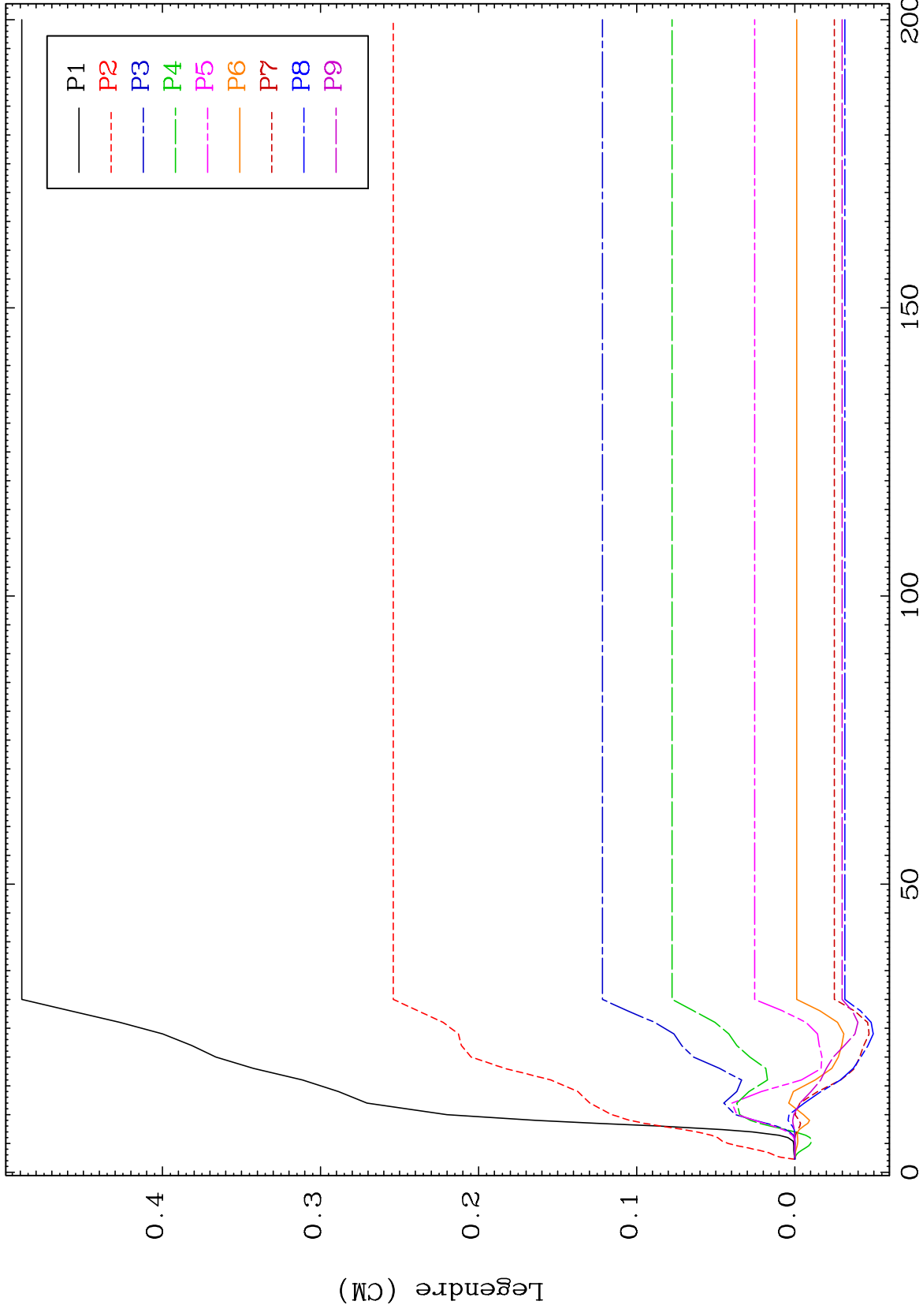
Incident Energy (MeV)

38

MAT 3461

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

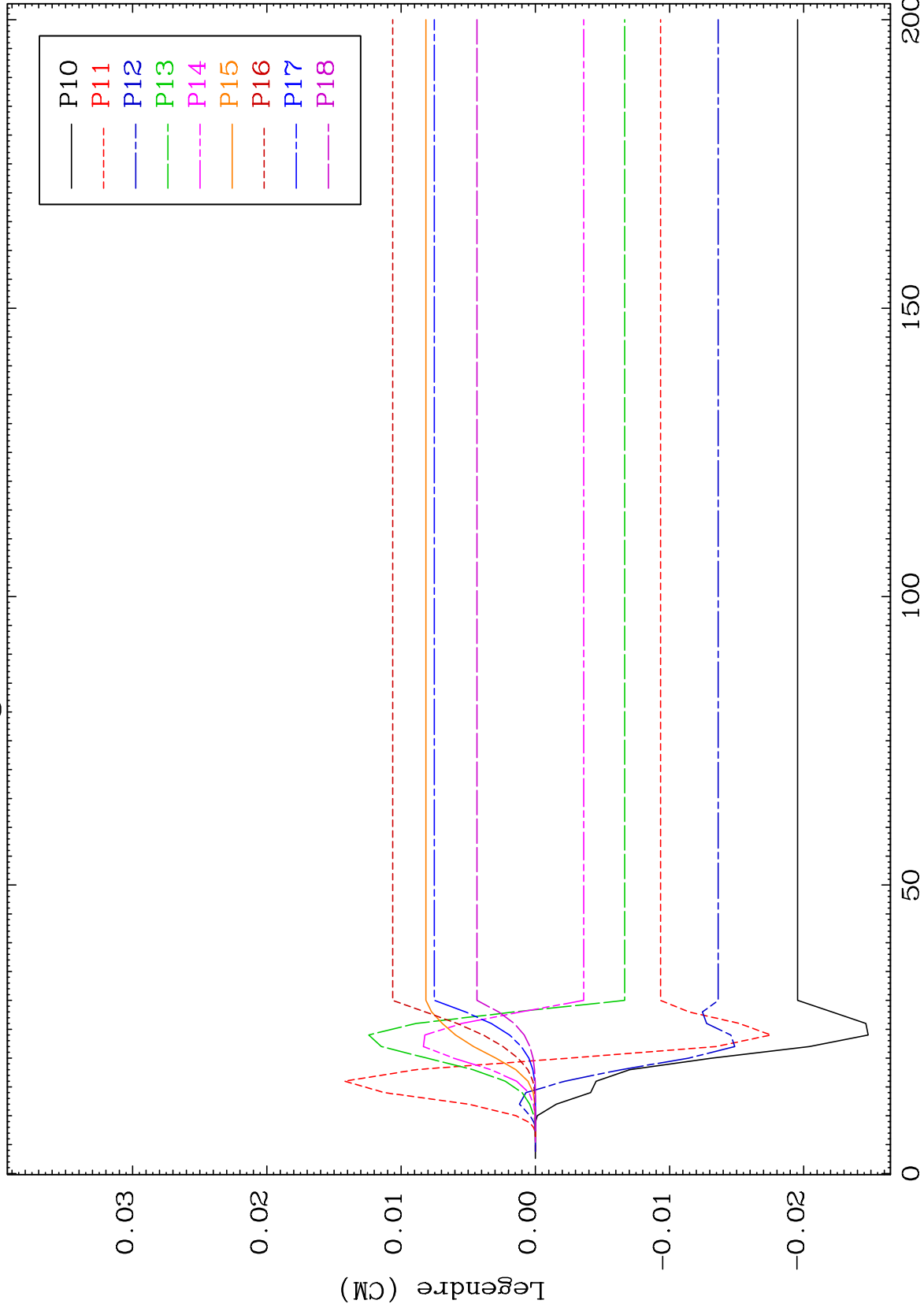
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MAT 3461

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

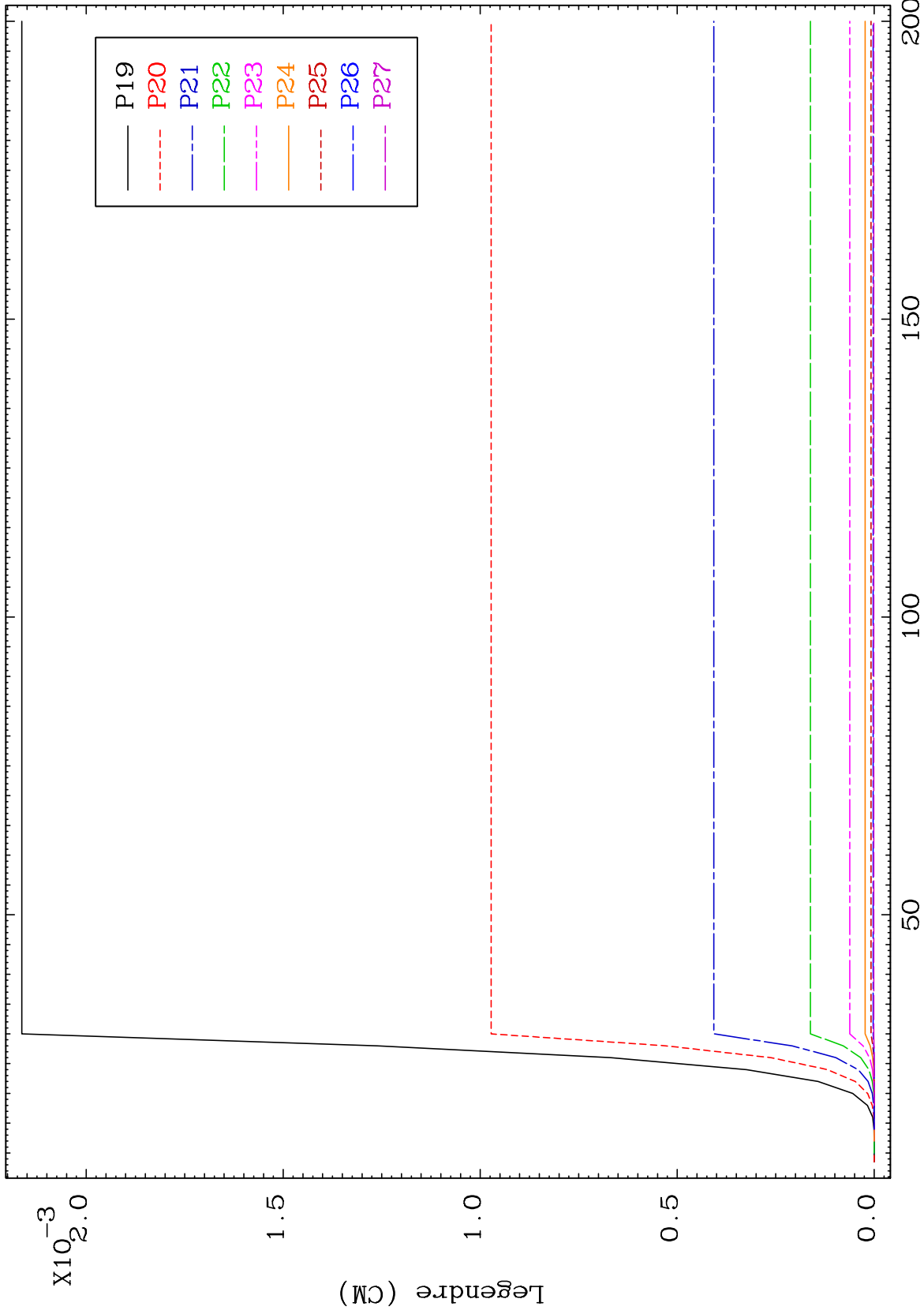
³⁴Se-86



40

Incident Energy (MeV)

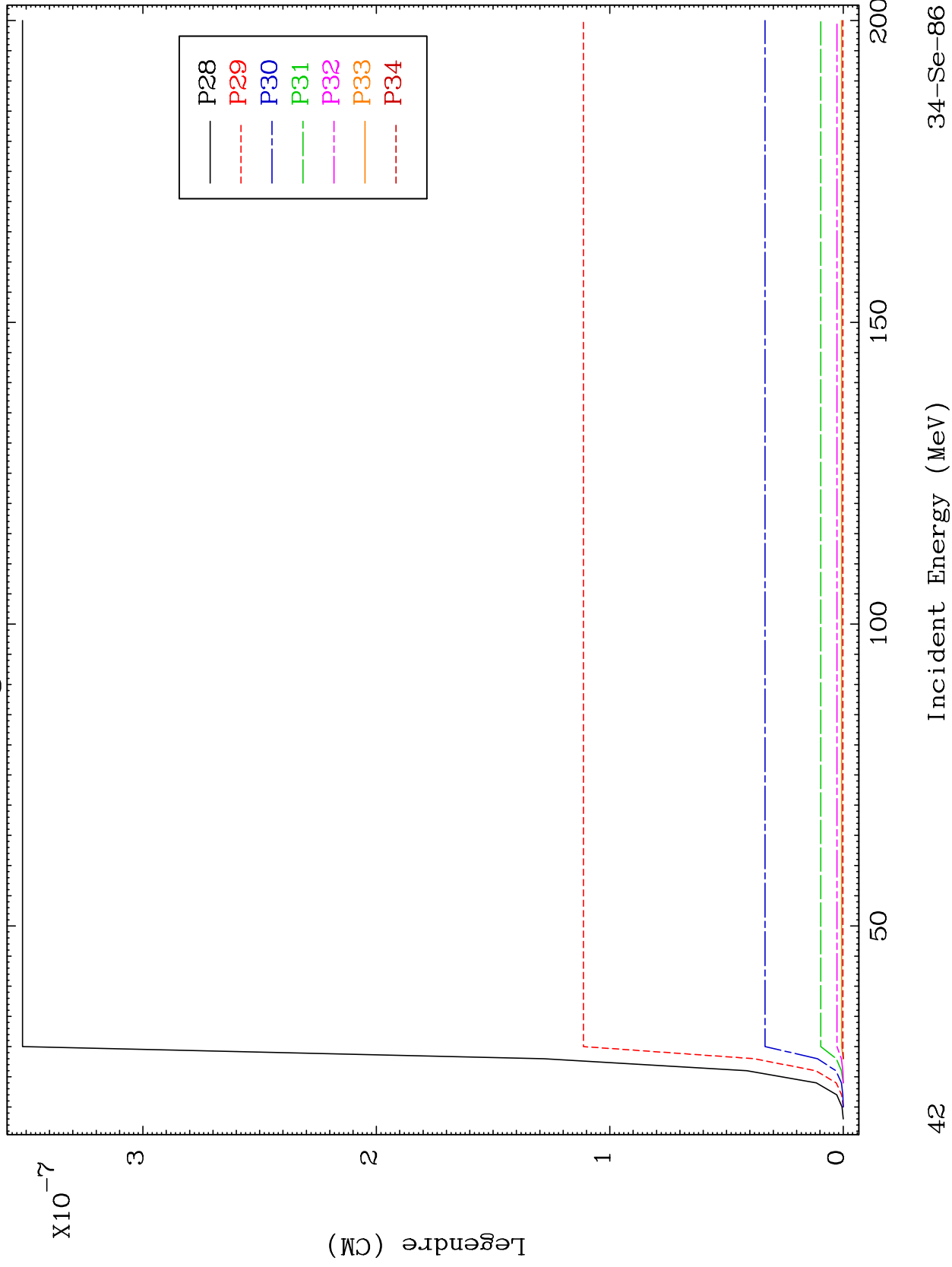
³⁴Se-86

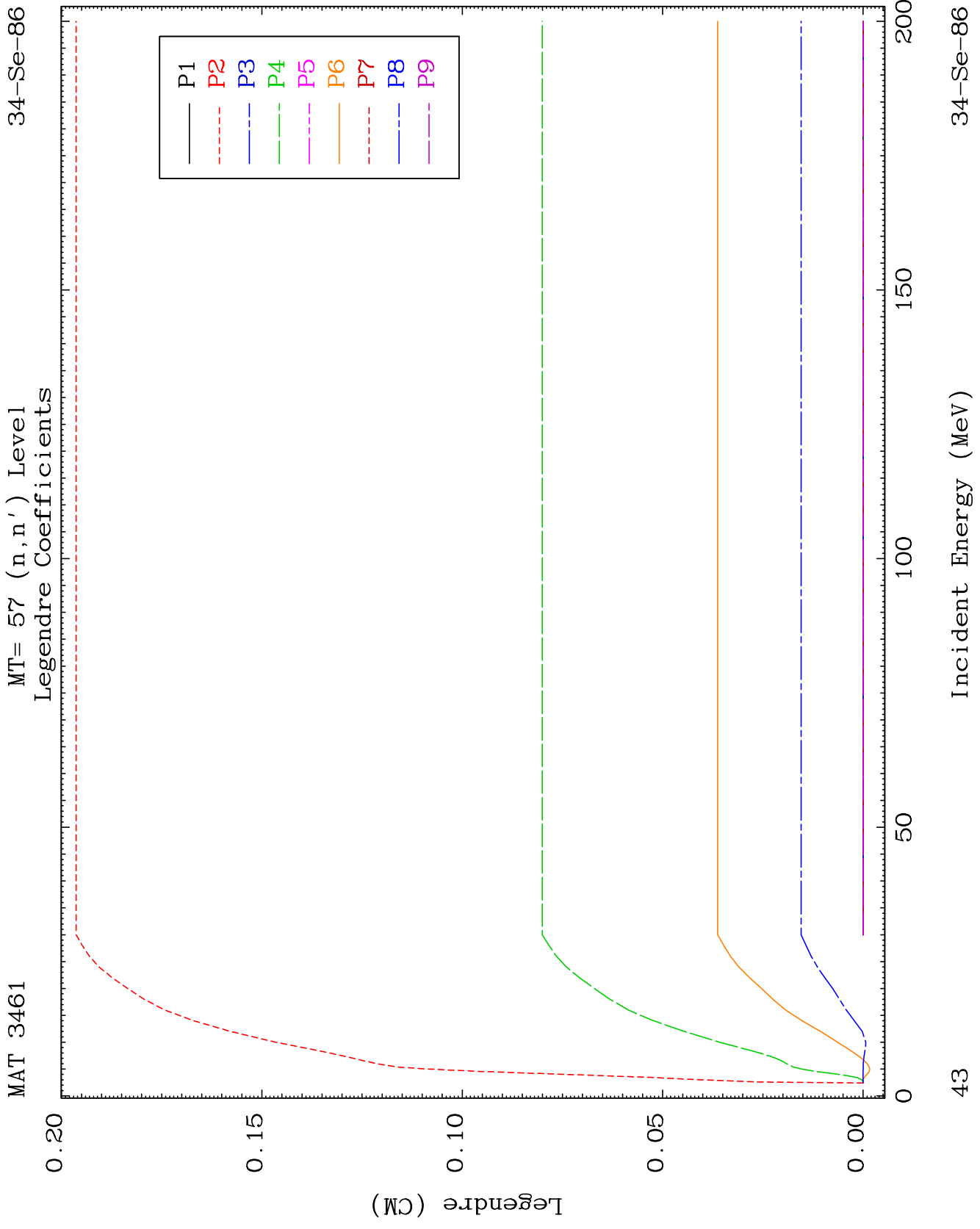


MAT 3461

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

34-Se-86

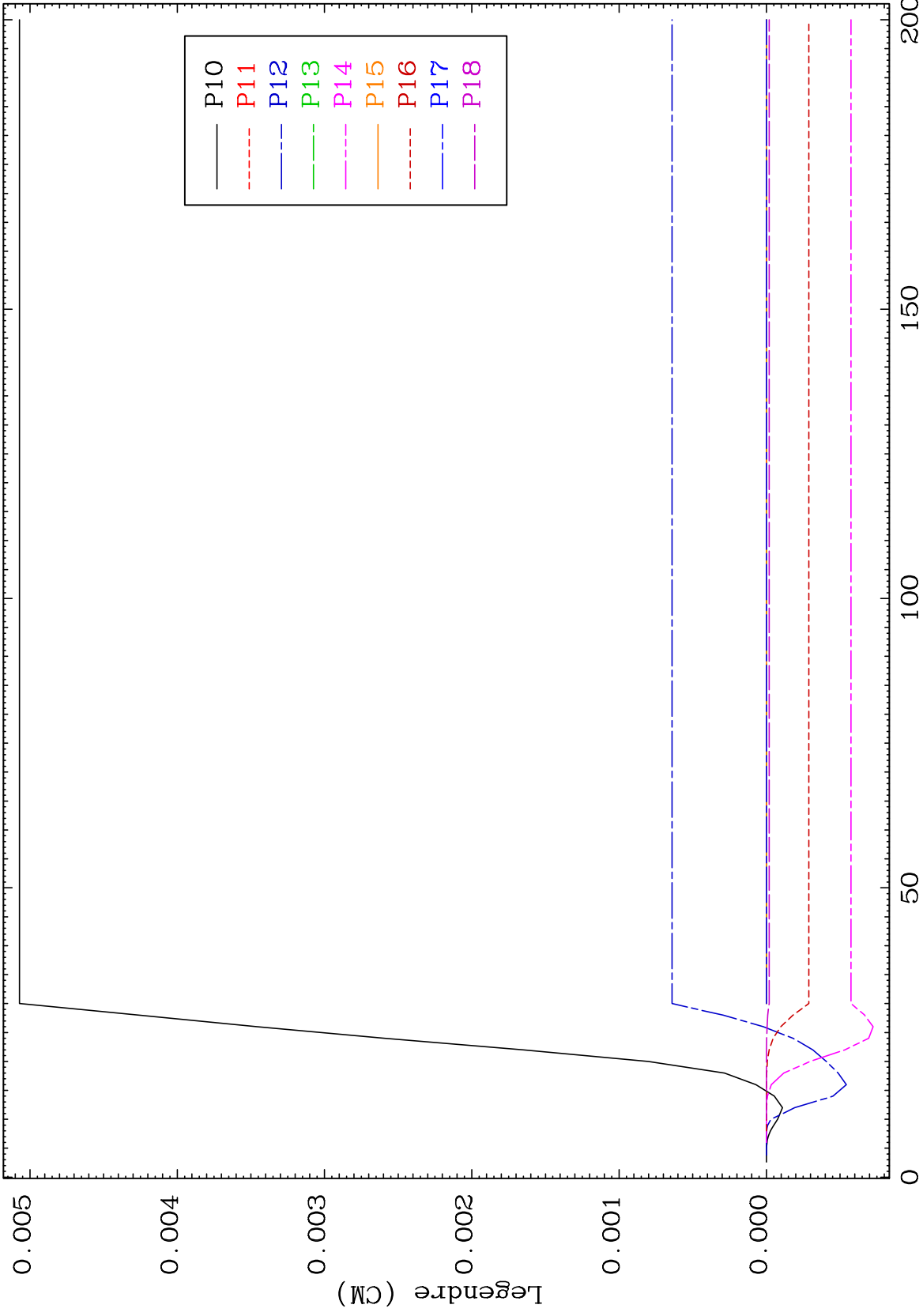




MAT 3461

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

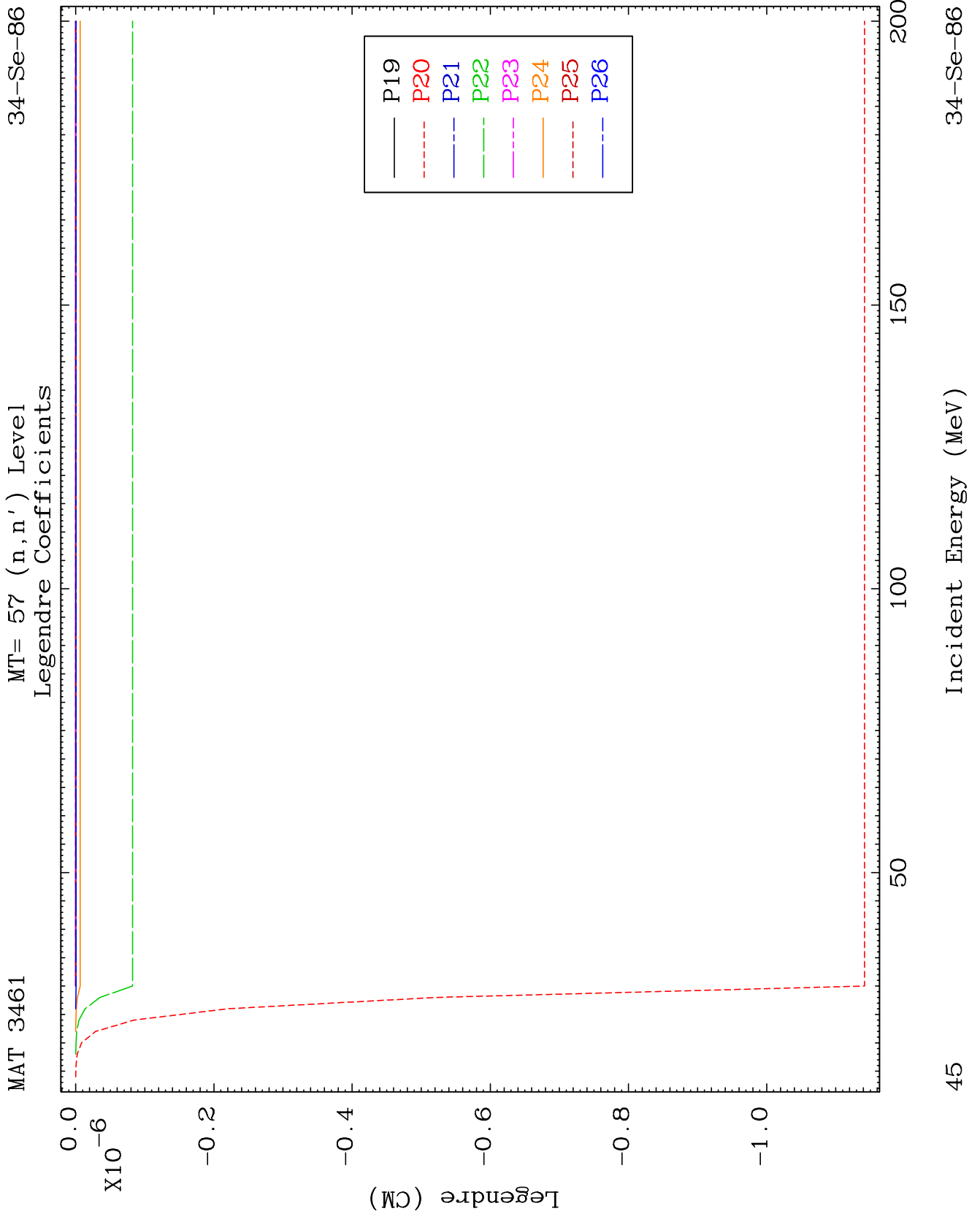
34-Se-86



44

Incident Energy (MeV)

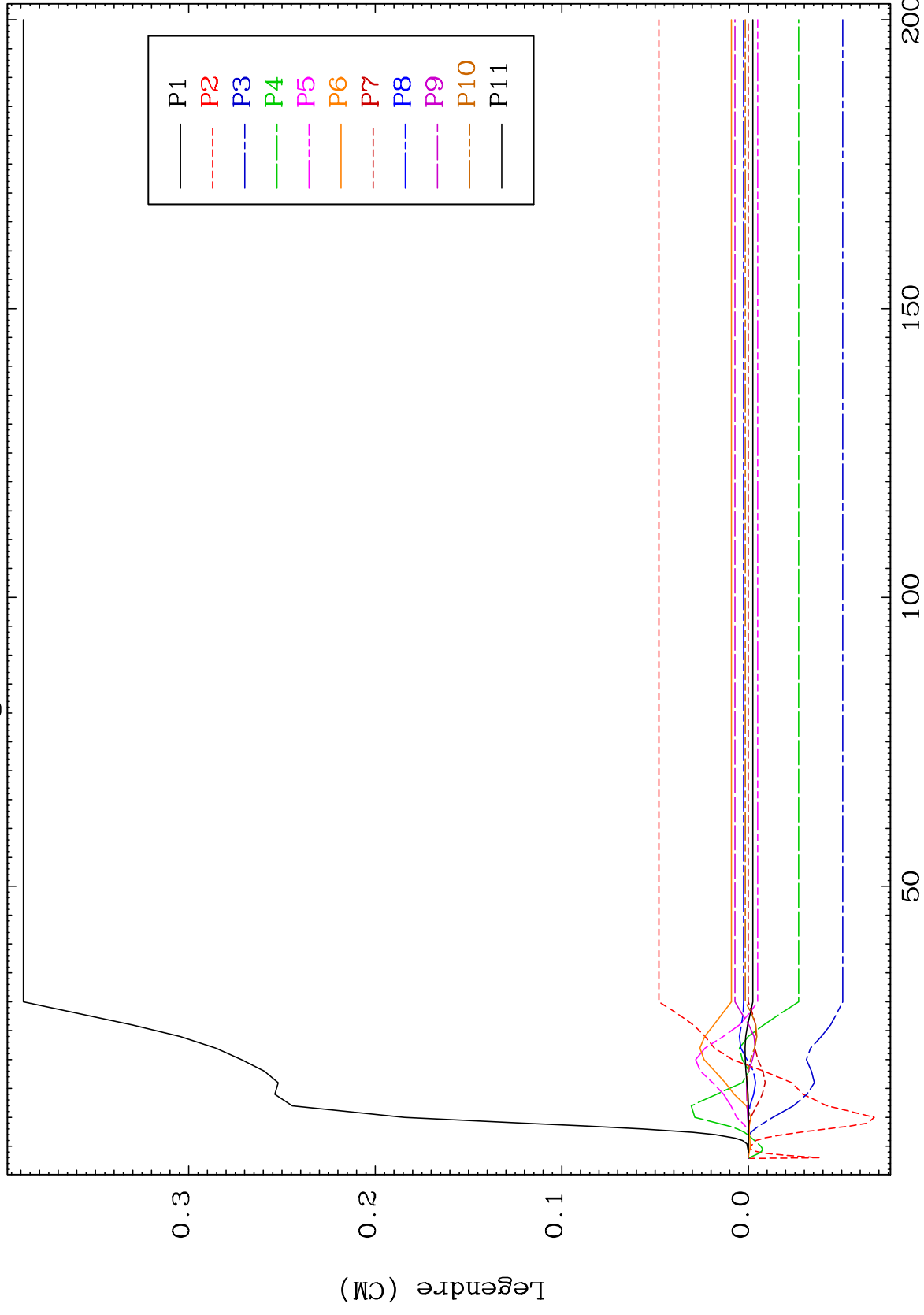
34-Se-86



MAT 3461

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

³⁴Se-86



46

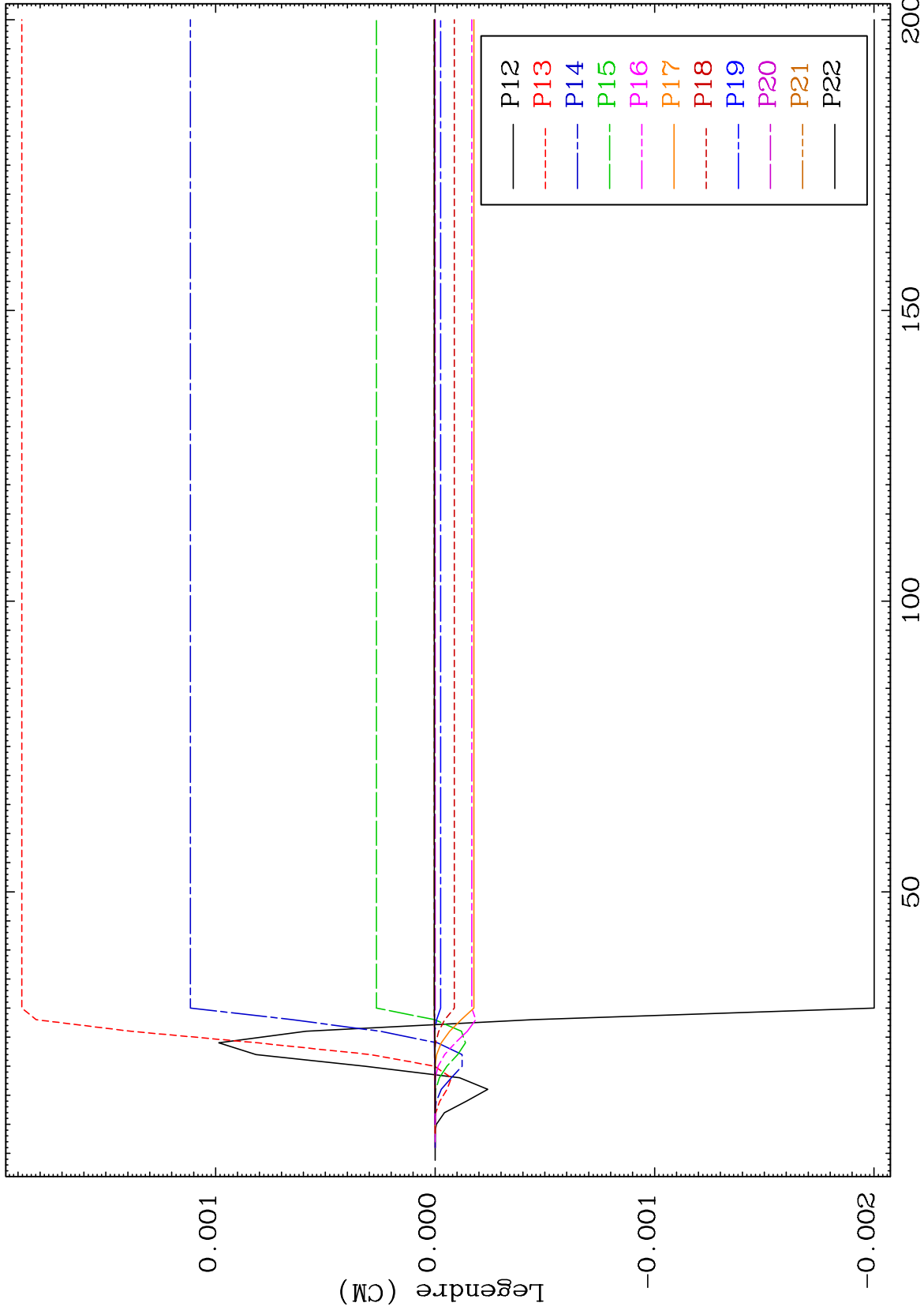
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

34-Se-86



47

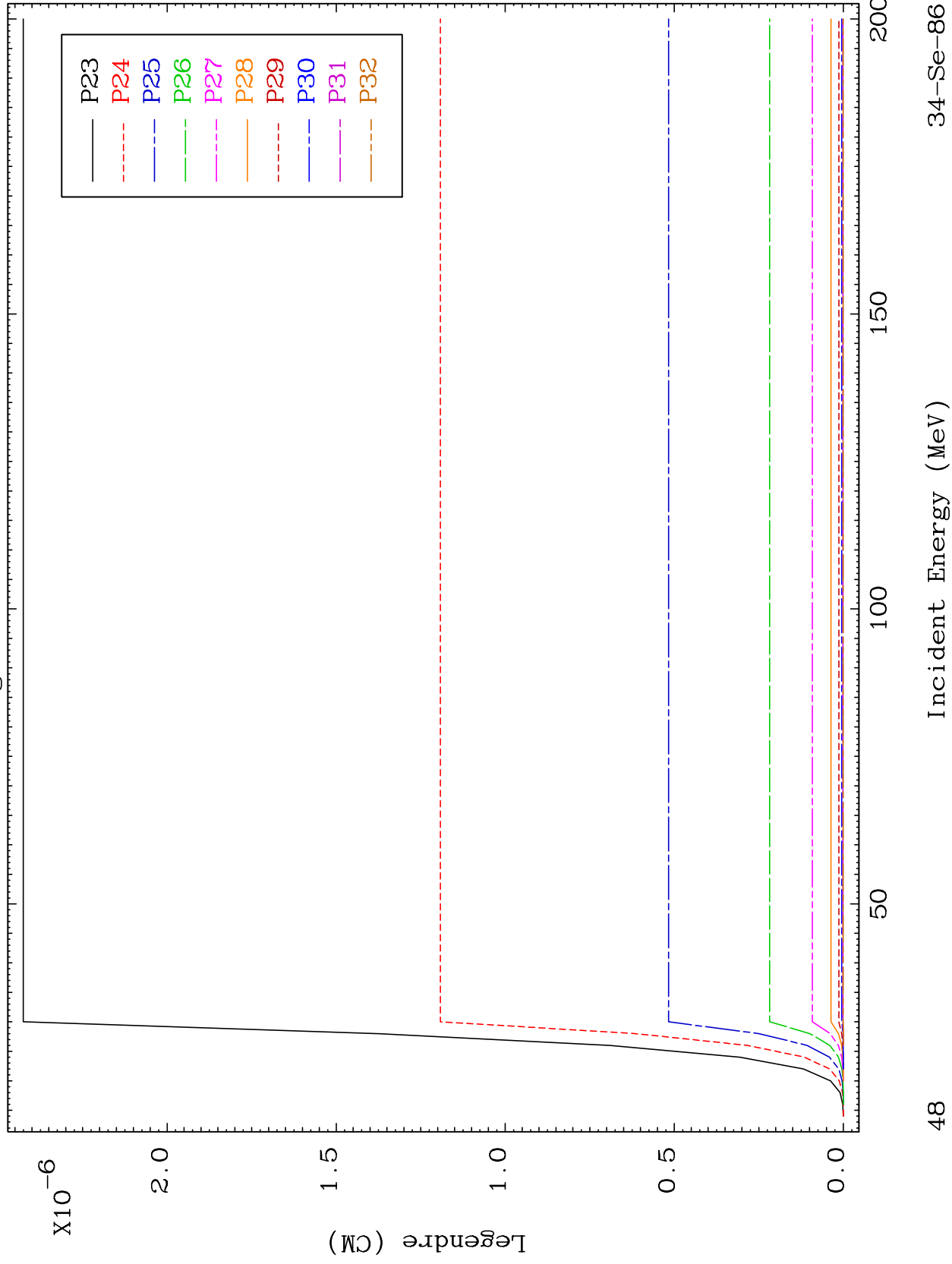
Incident Energy (MeV)

34-Se-86

MAT 3461

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

³⁴Se-86



48

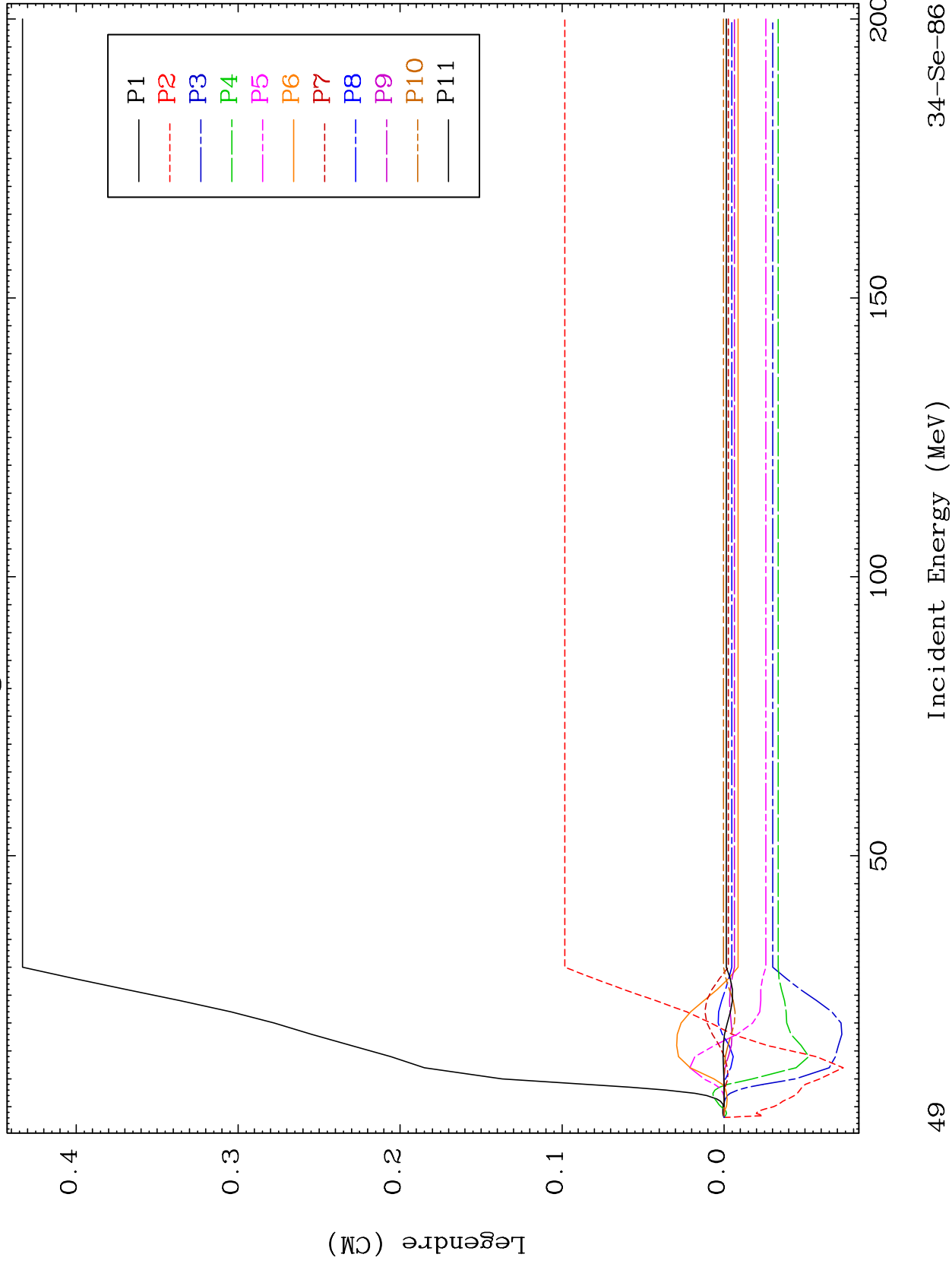
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

³⁴Se-86



49

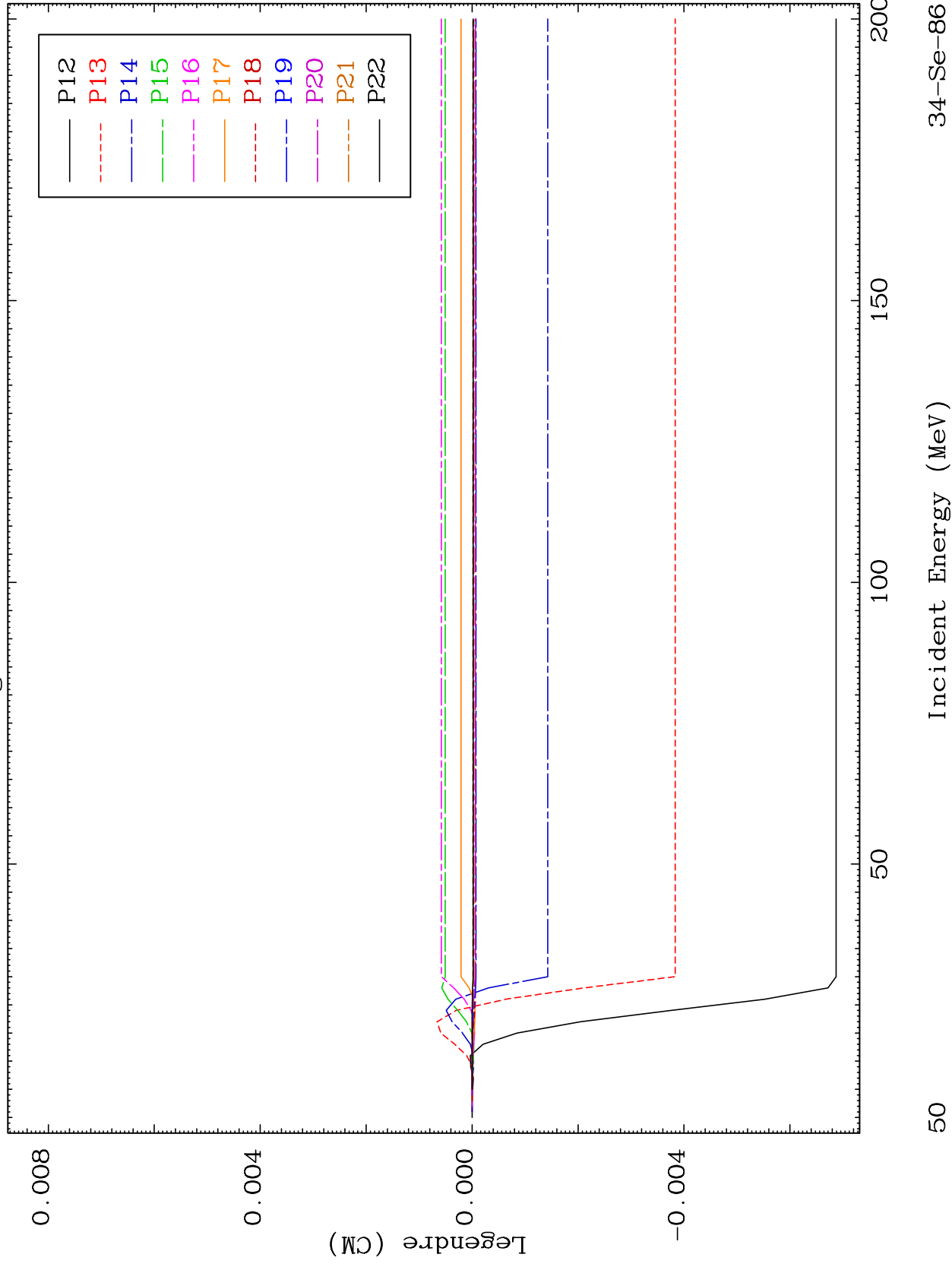
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

³⁴Se-86



³⁴Se-86

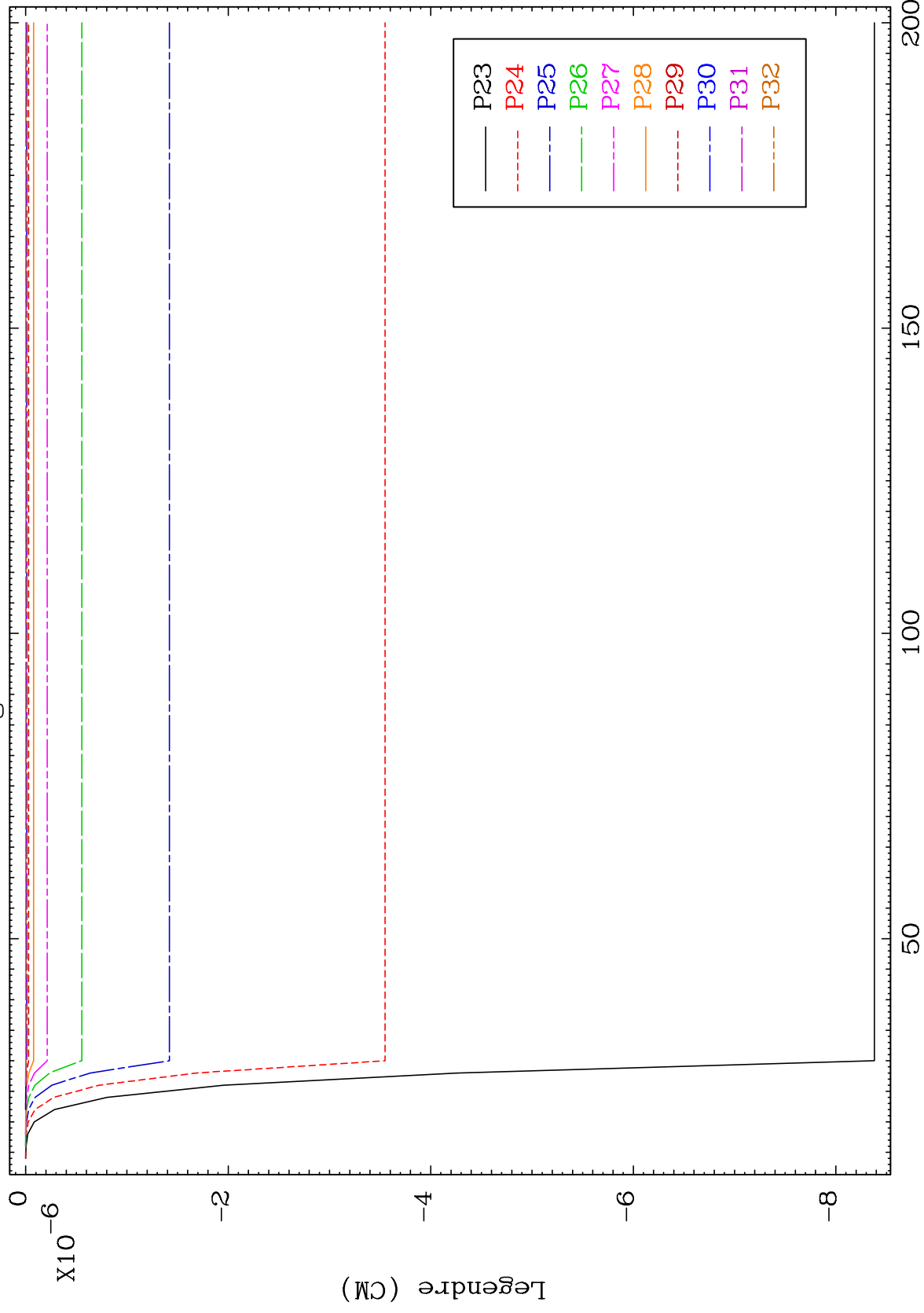
Incident Energy (MeV)

50

MAT 3461

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

³⁴Se-86



51

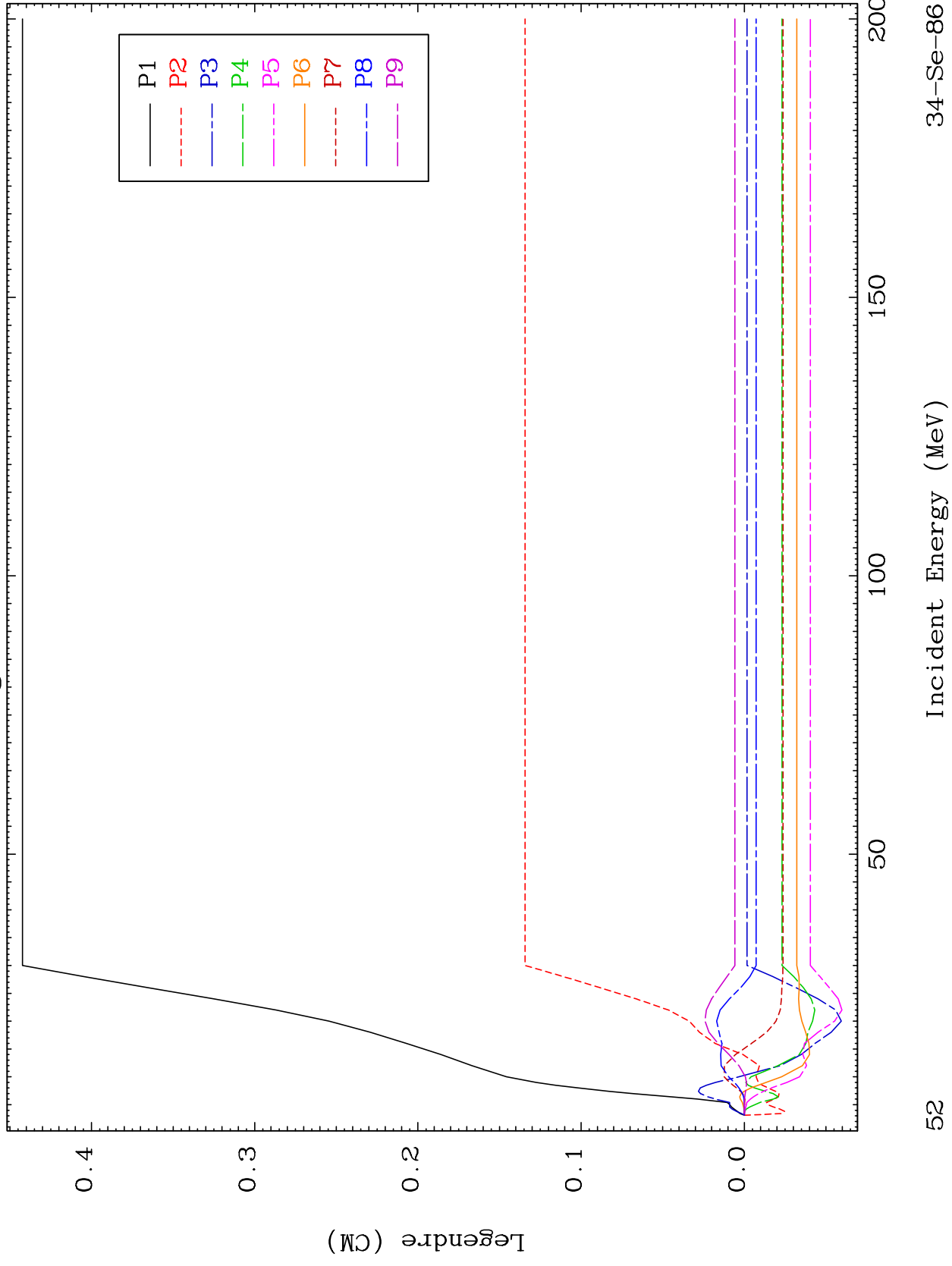
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

³⁴Se-86



52

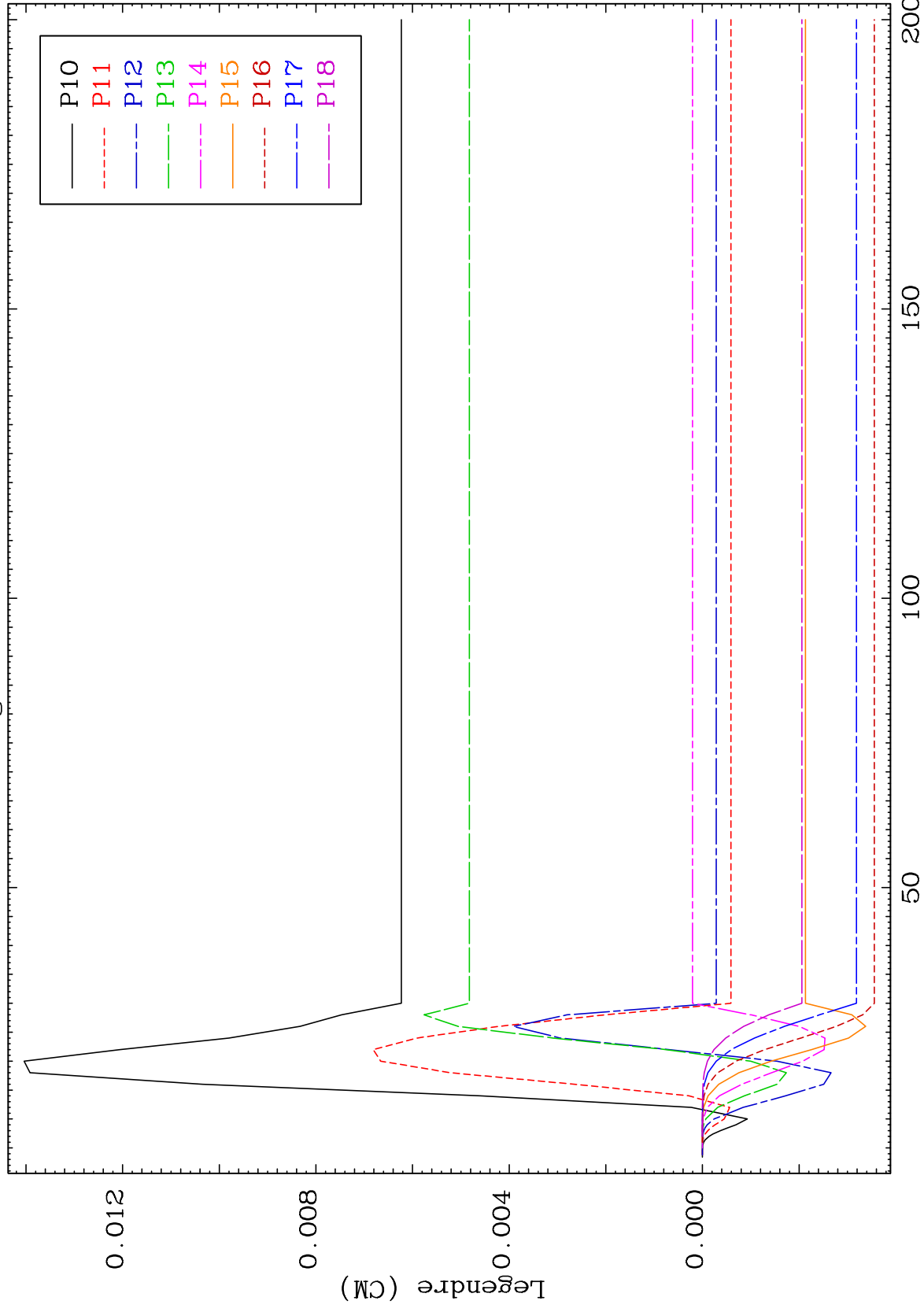
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

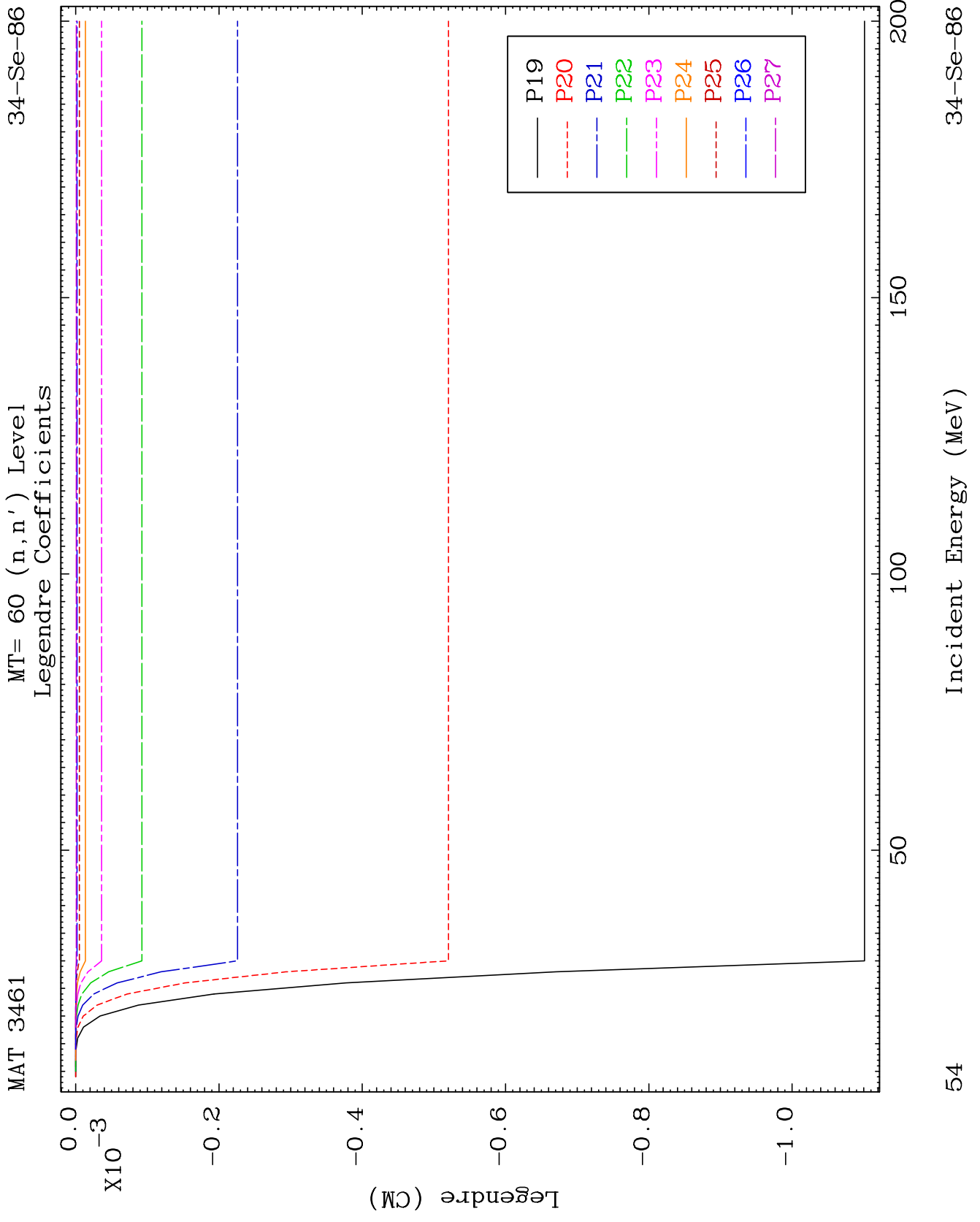
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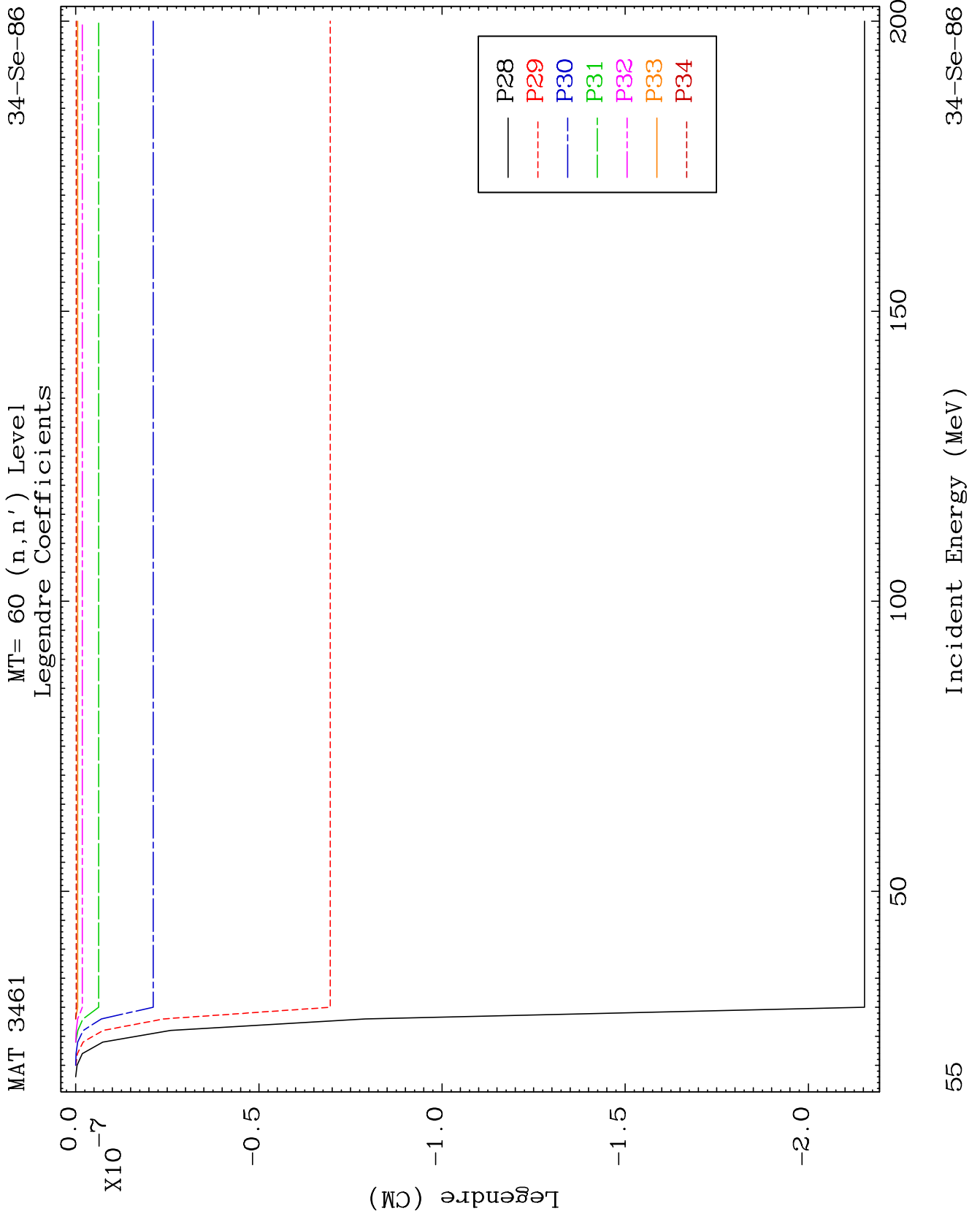


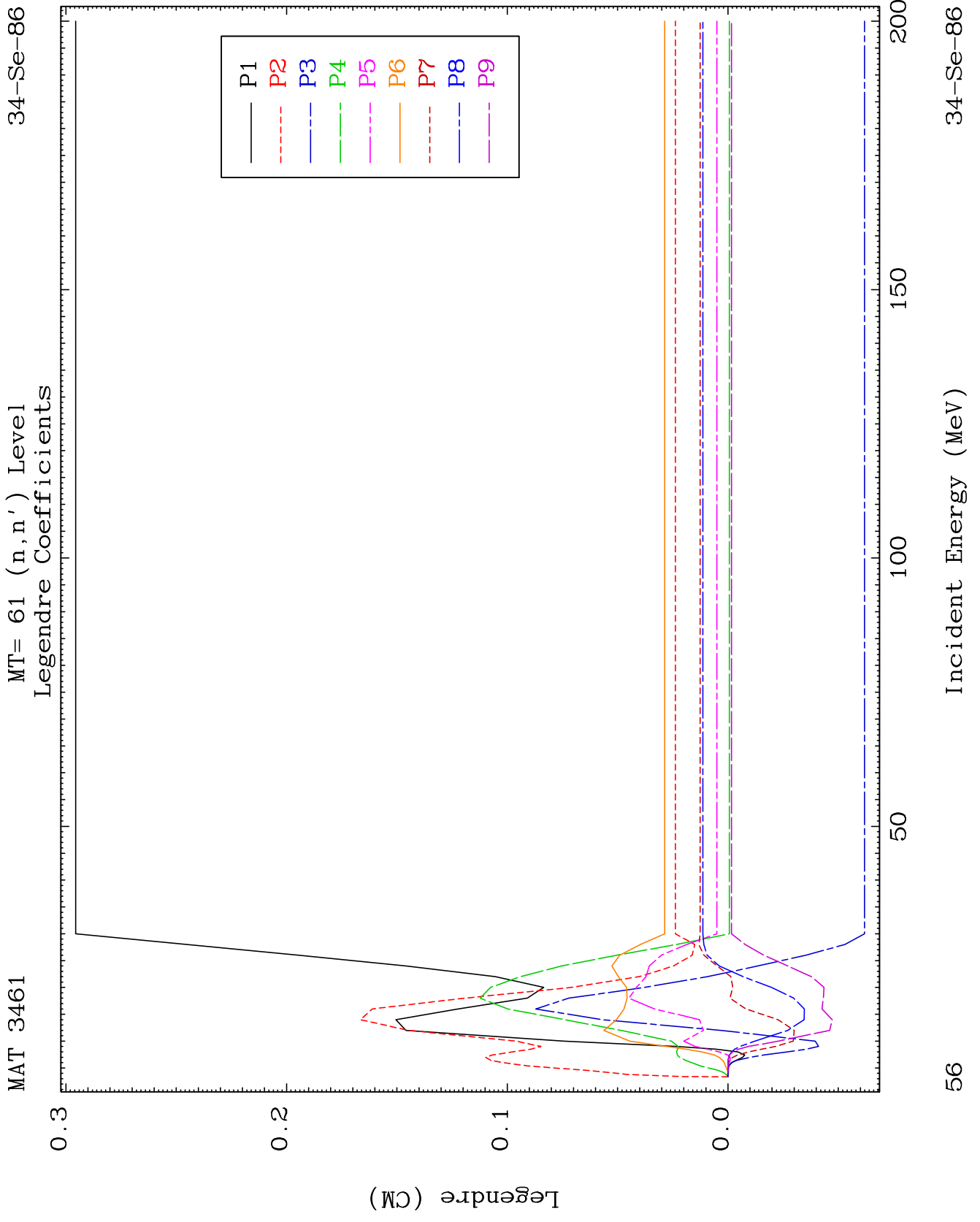
53

Incident Energy (MeV)

³⁴Se-86



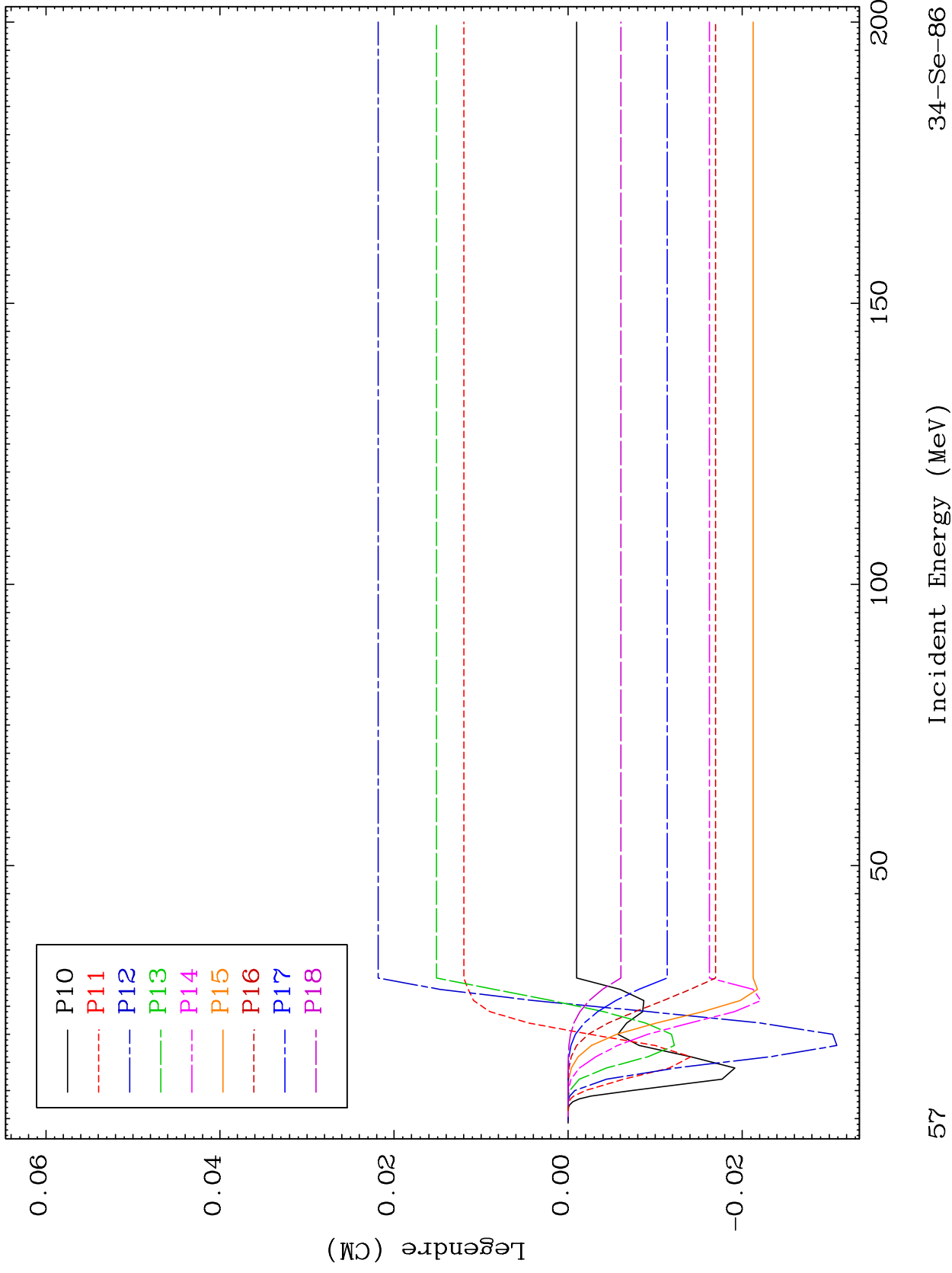


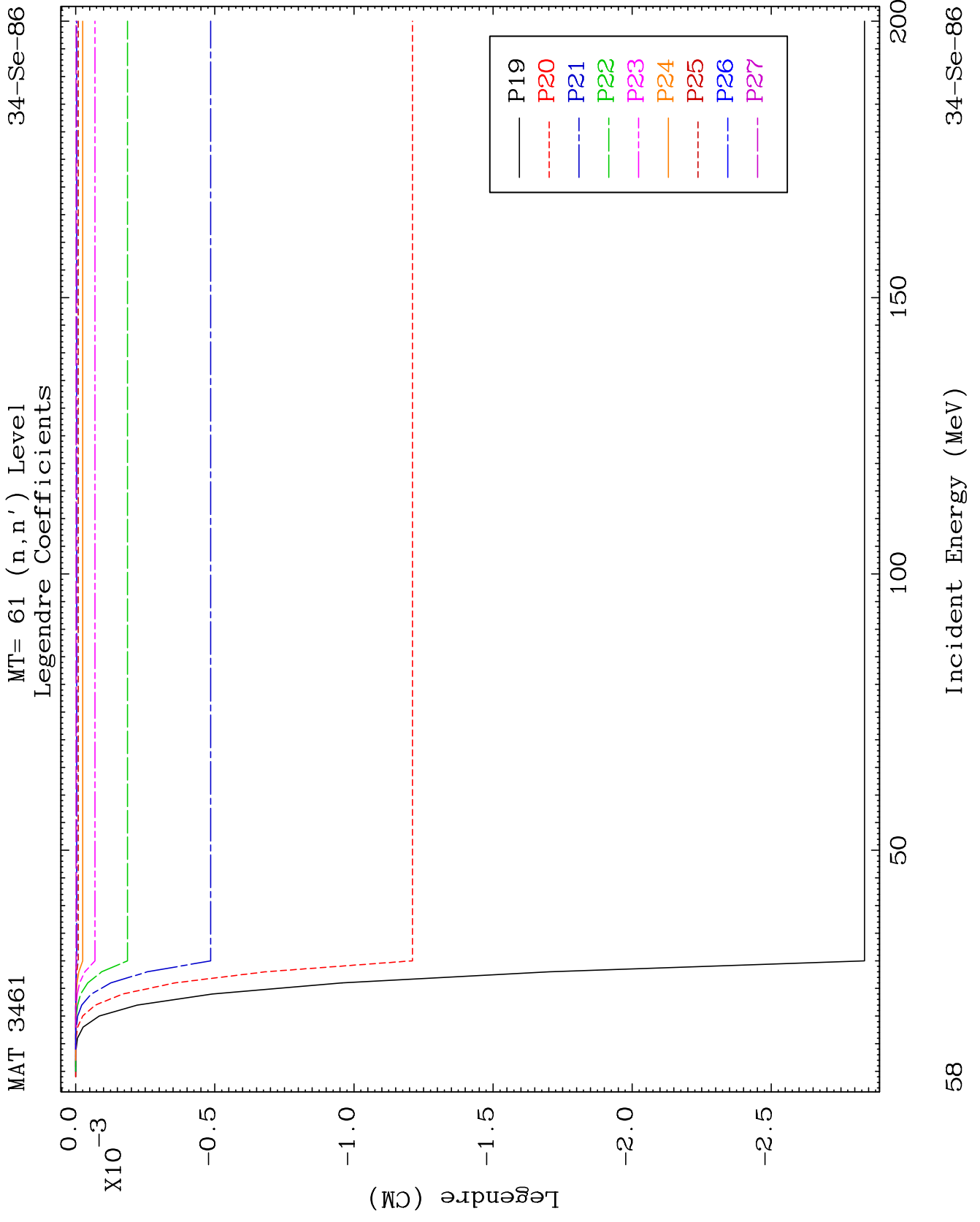


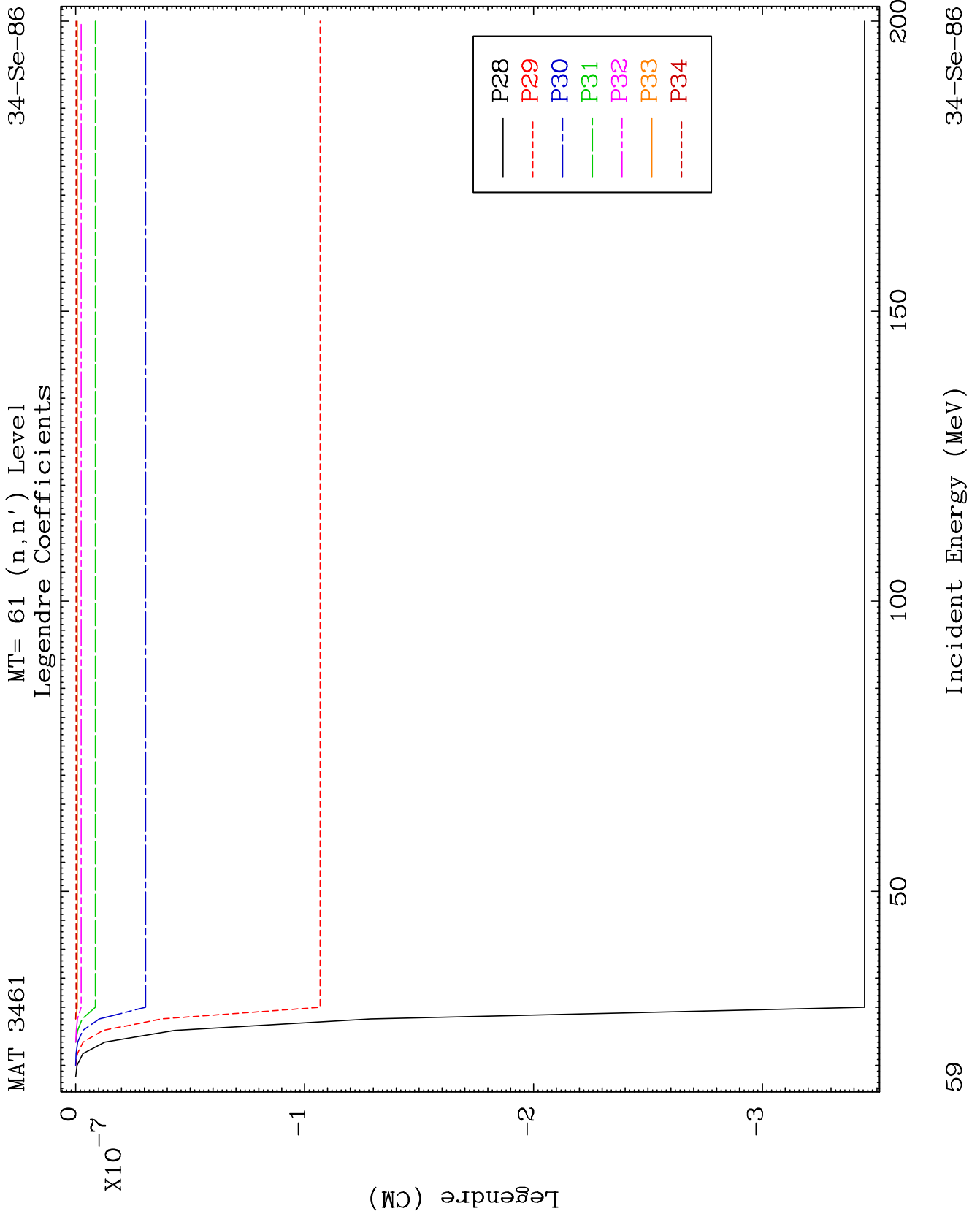
MAT 3461

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

34-Se-86



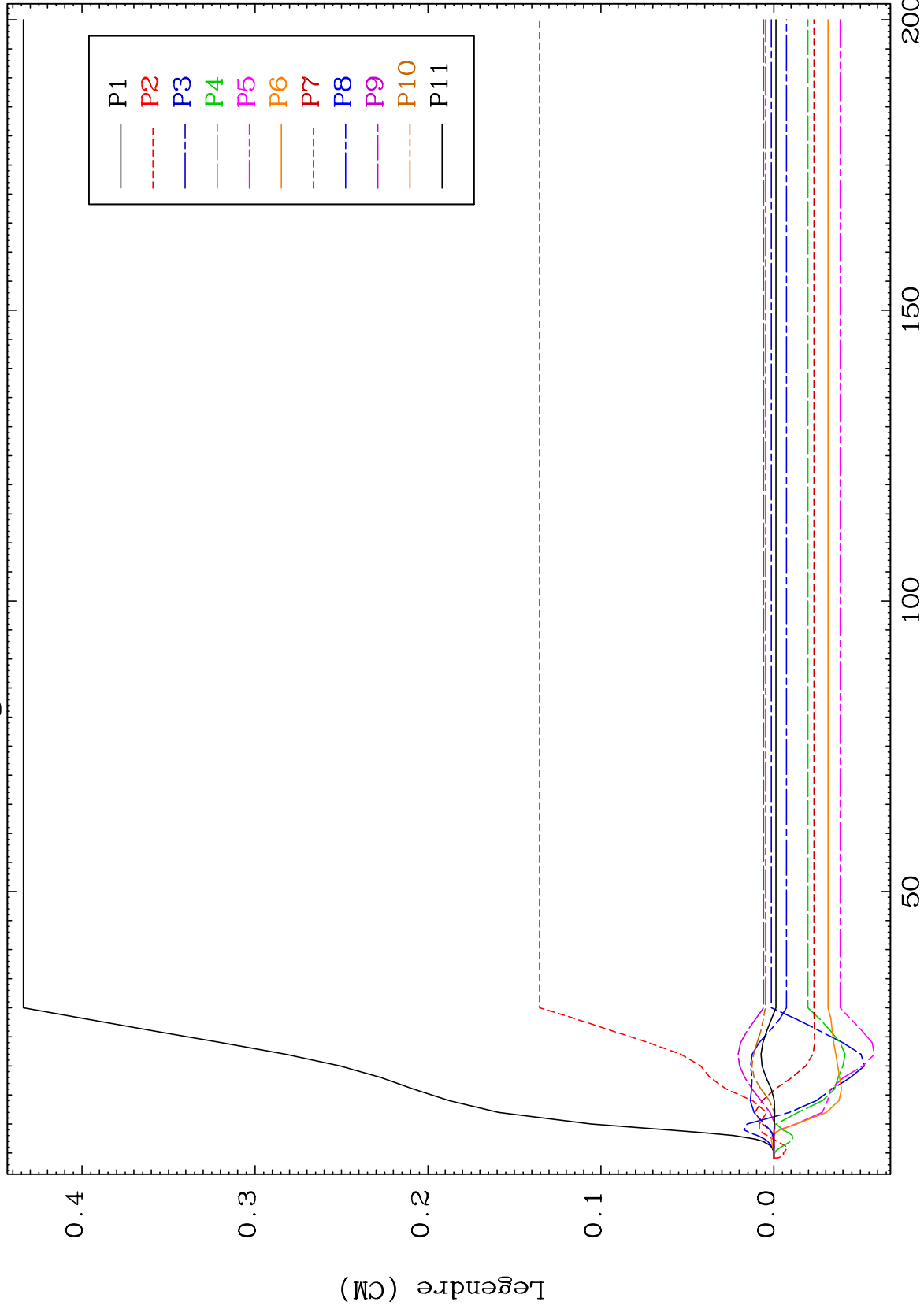




MAT 3461

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

³⁴Se-86



60

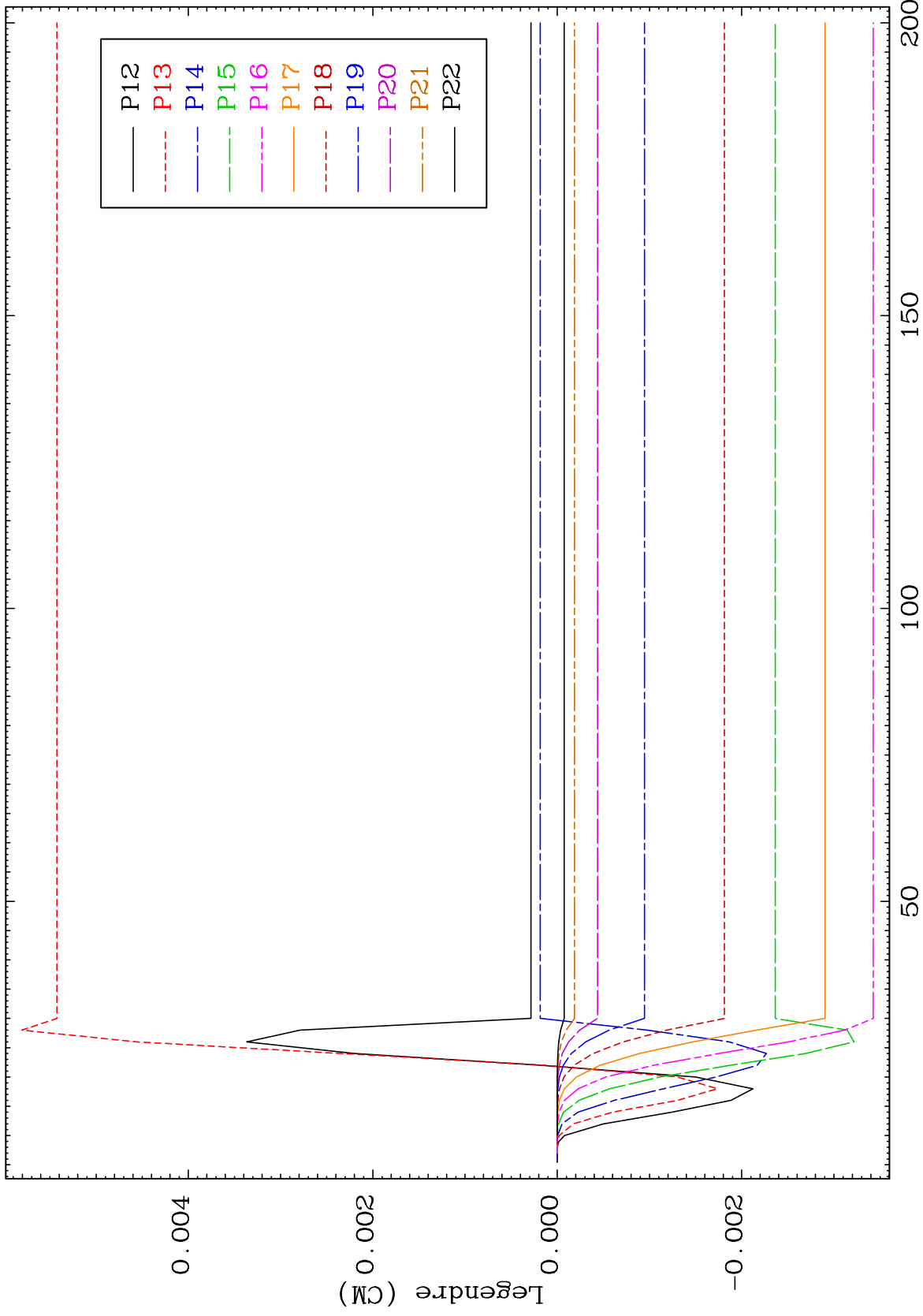
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

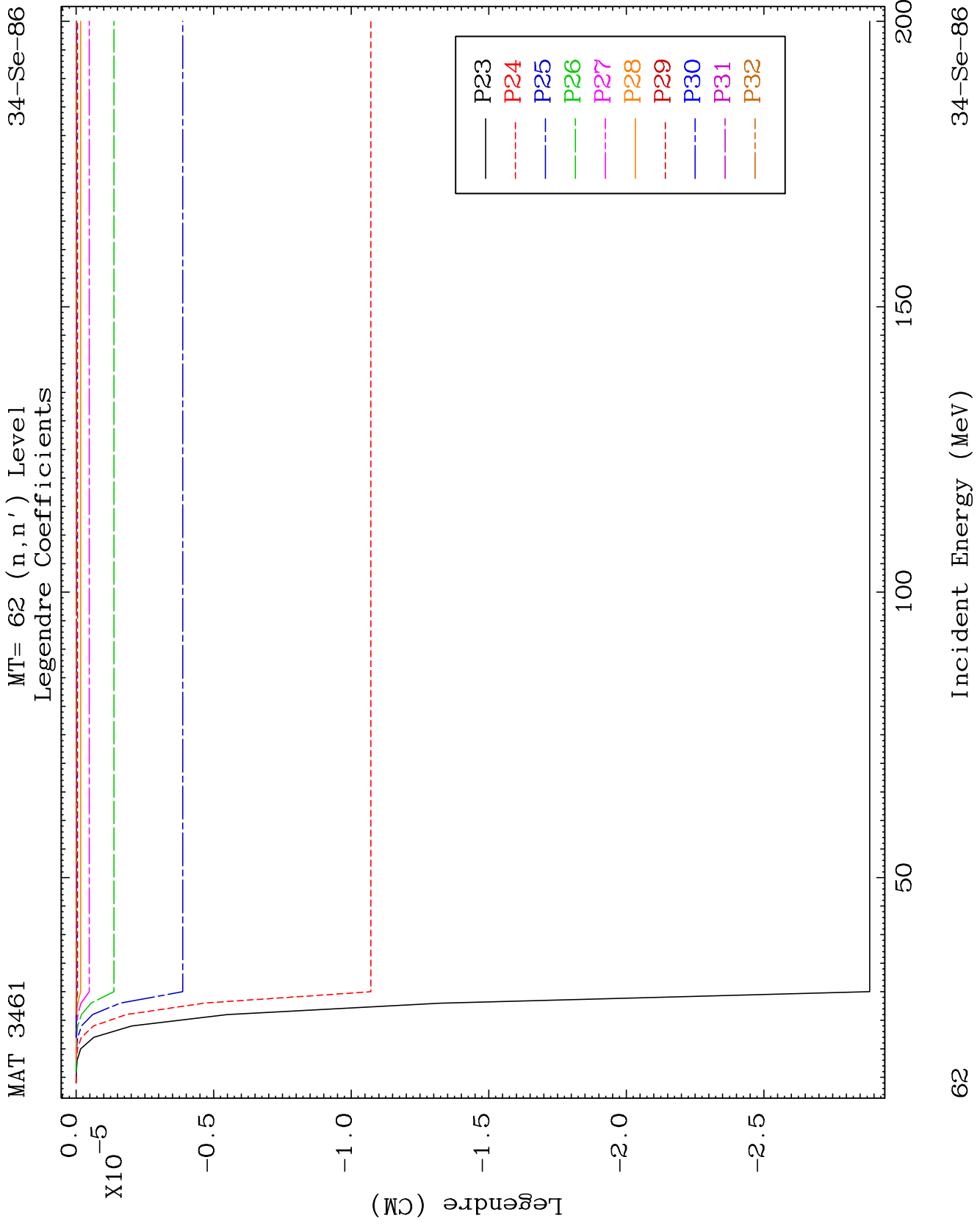
34-Se-86



61

Incident Energy (MeV)

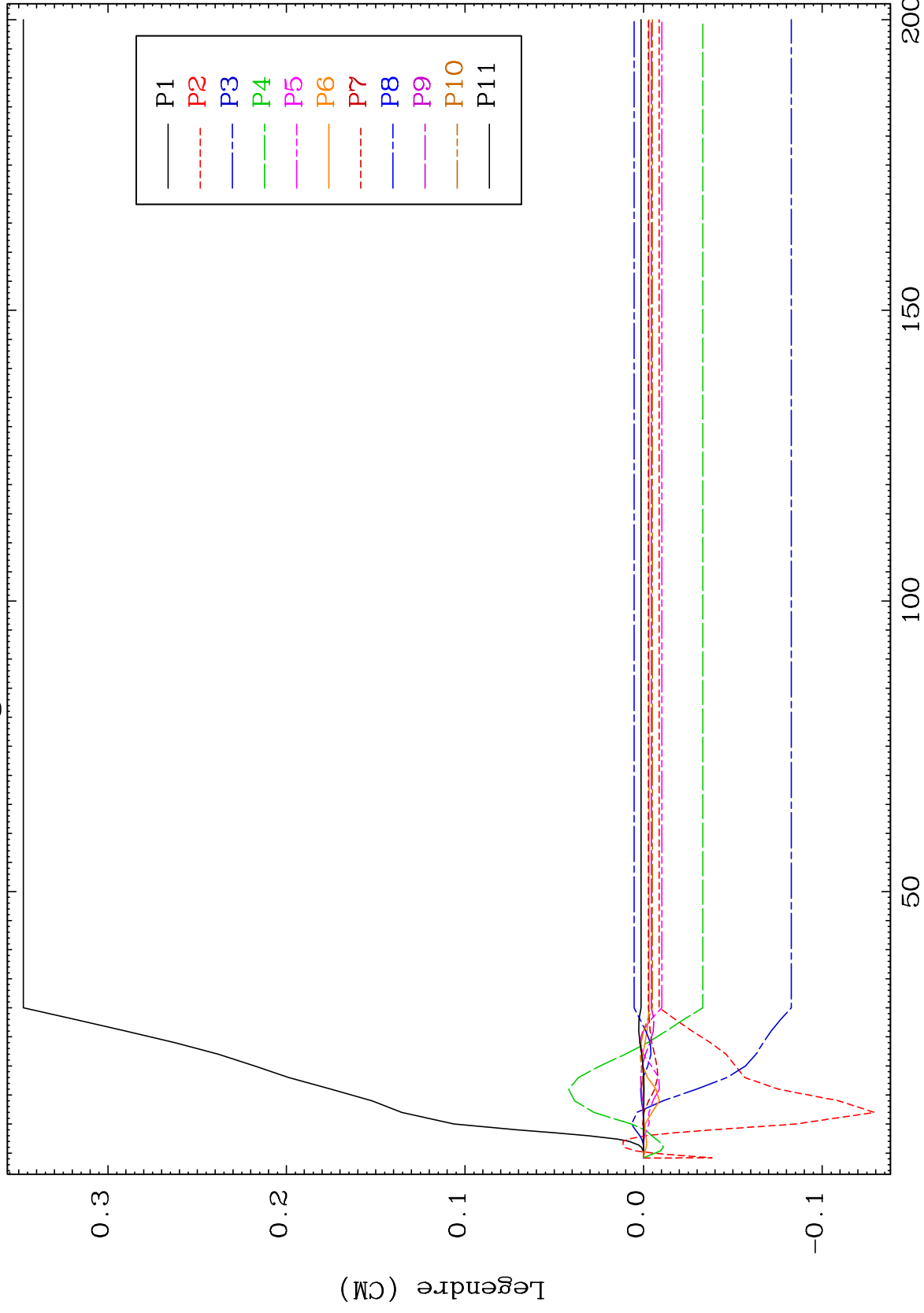
34-Se-86



MAT 3461

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

³⁴Se-86



63

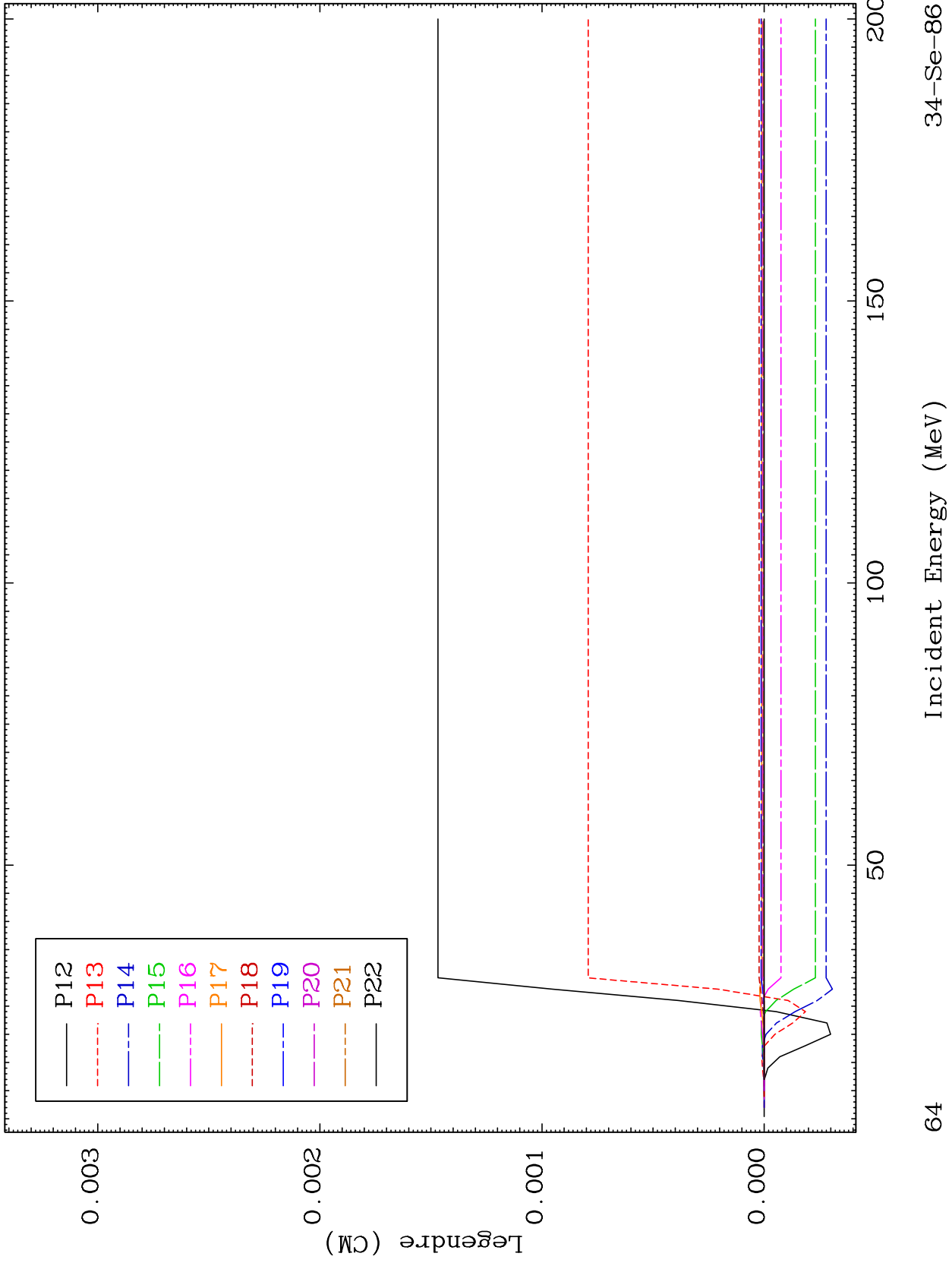
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

³⁴Se-86



64

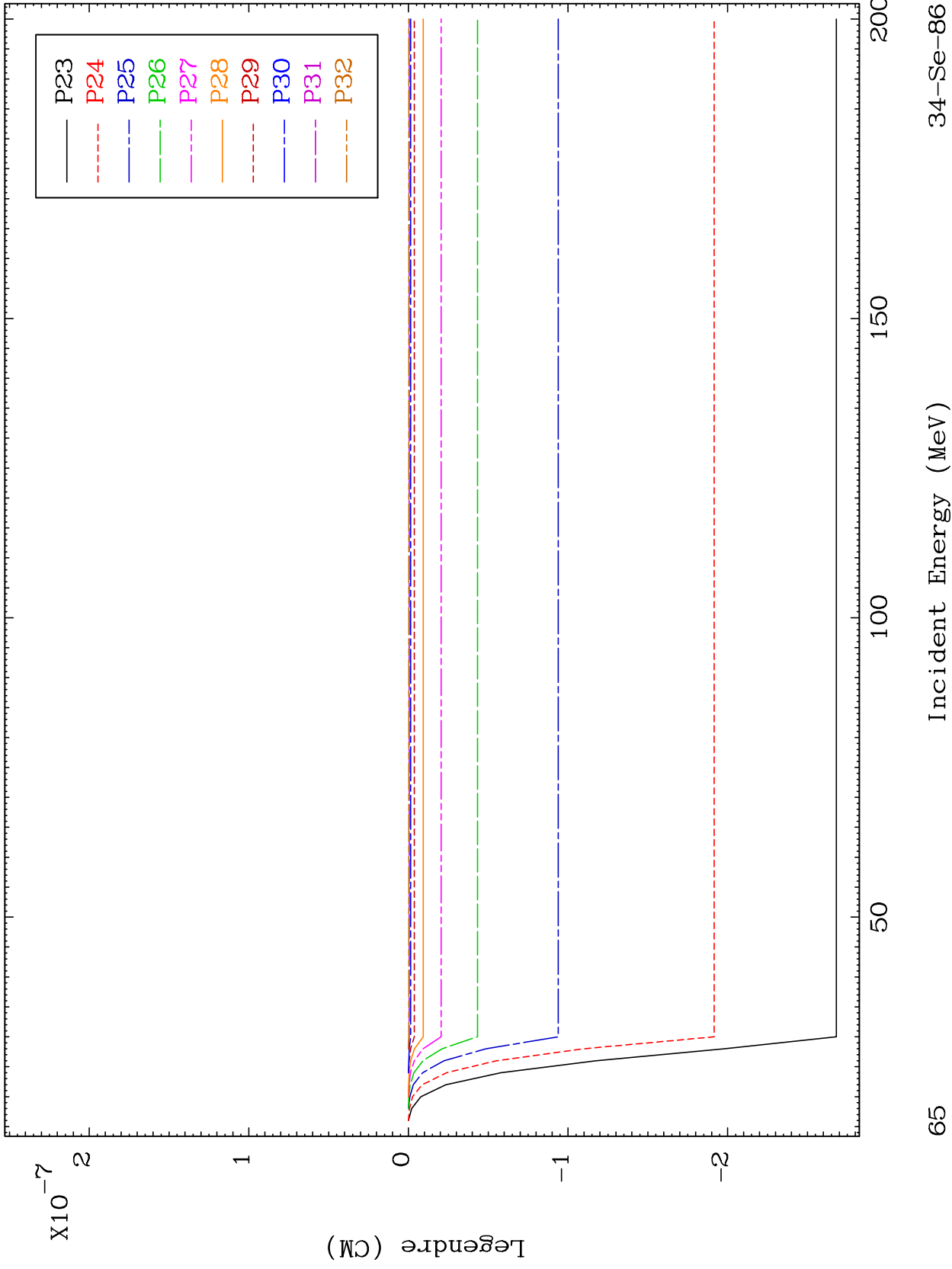
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

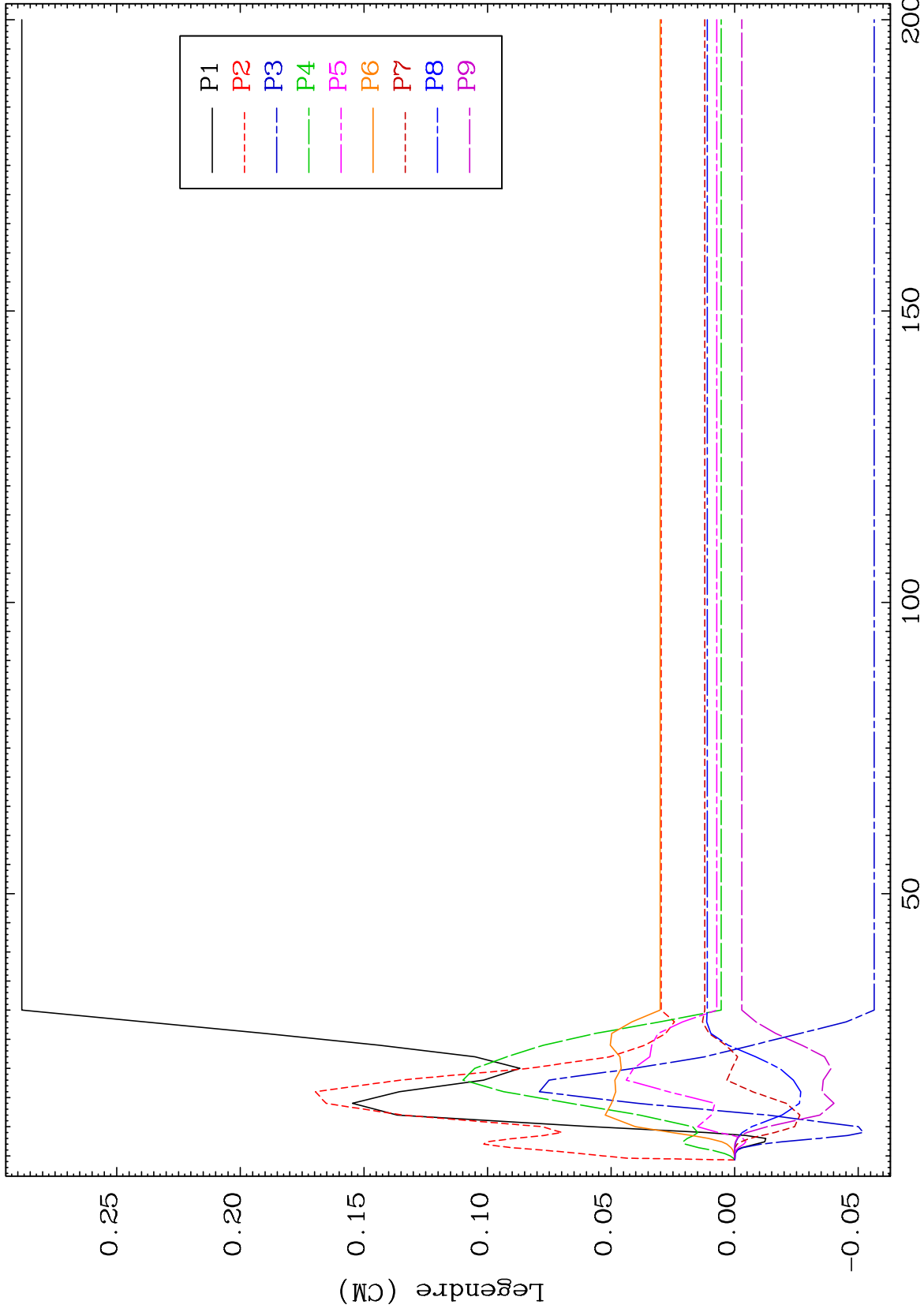
³⁴Se-86



65

Incident Energy (MeV)

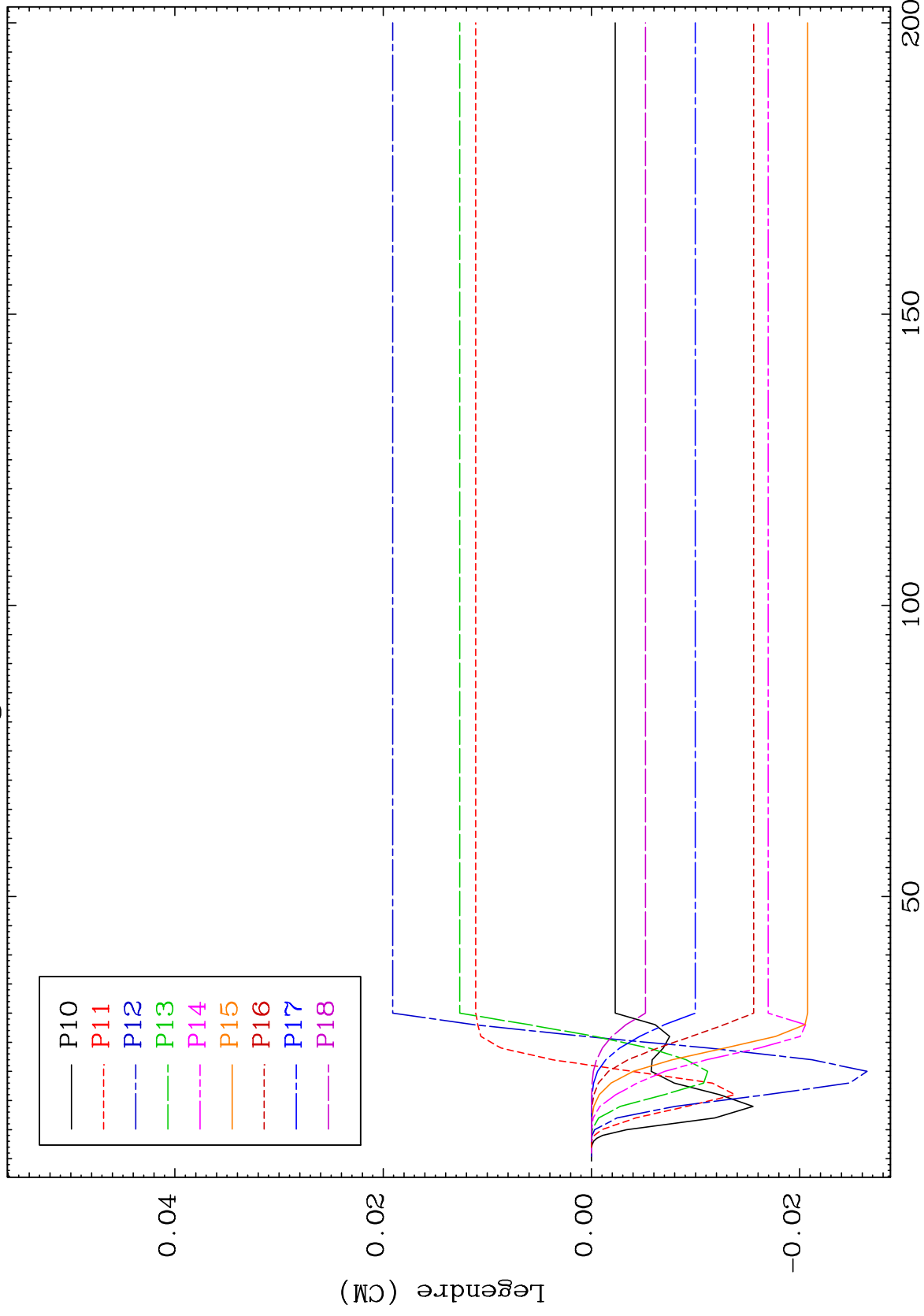
³⁴Se-86



MAT 3461

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

34-Se-86



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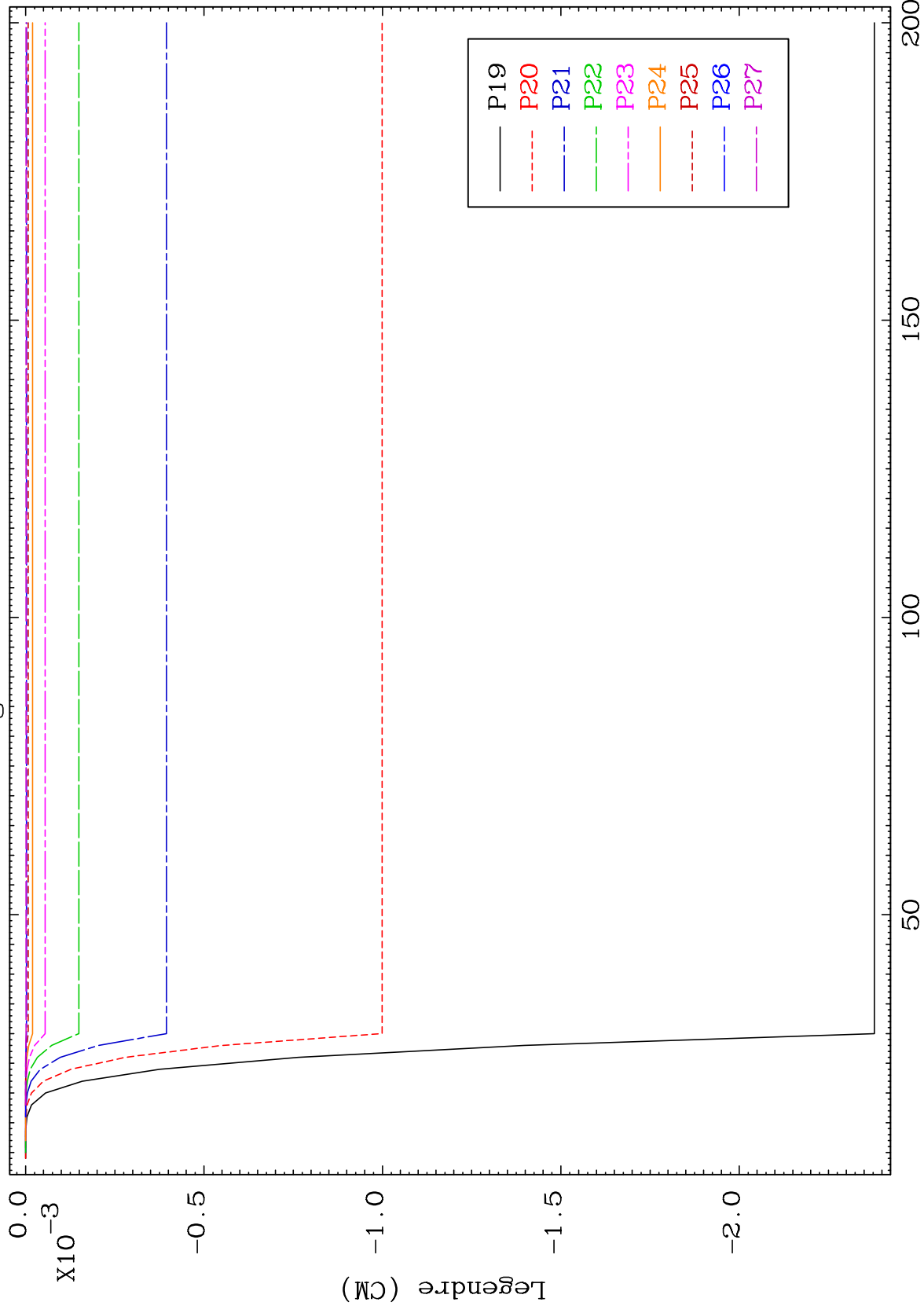
Incident Energy (MeV)

34-Se-86

MAT 3461

34-Se-86

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



68

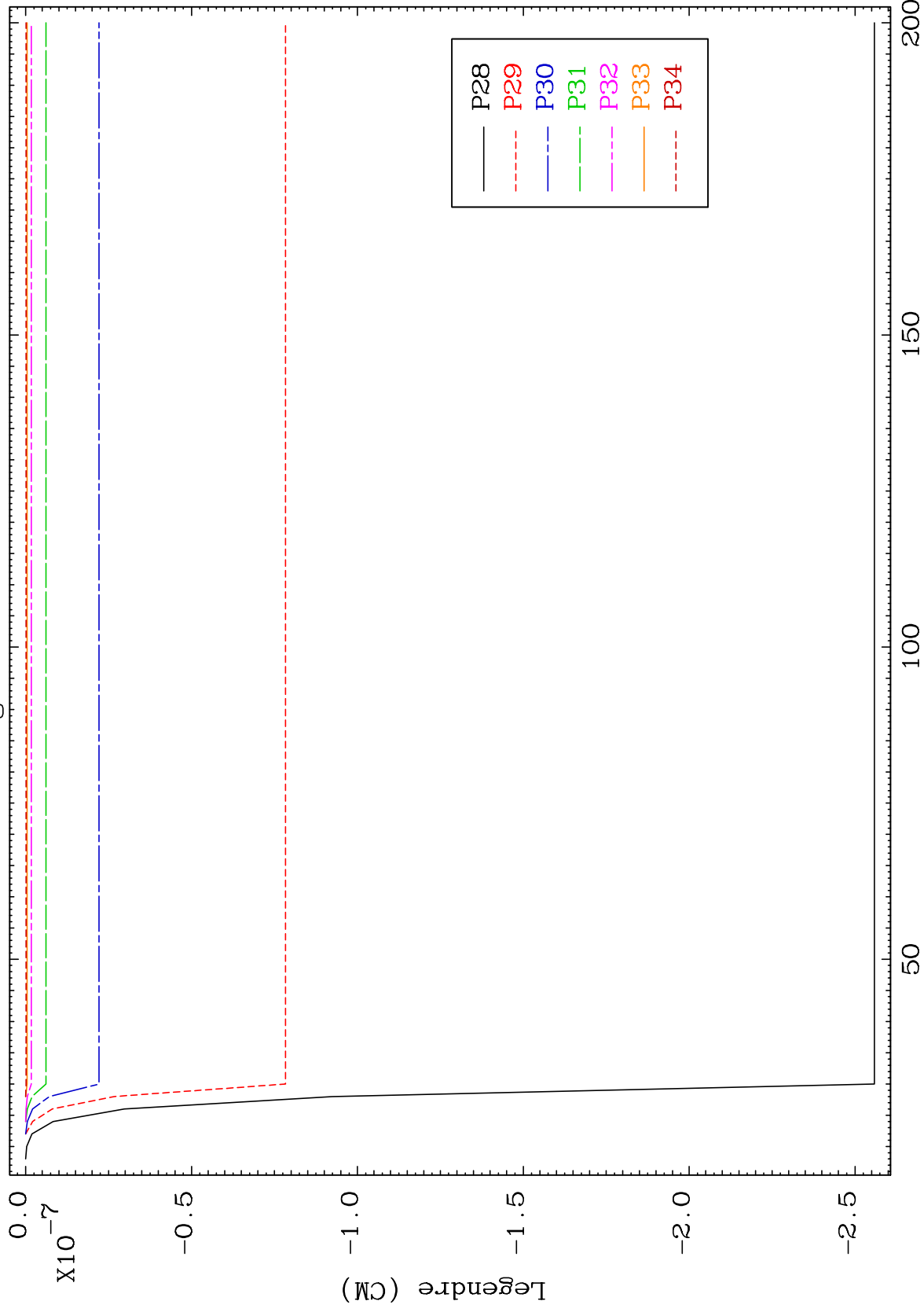
Incident Energy (MeV)

34-Se-86

MAT 3461

34-Se-86

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



69

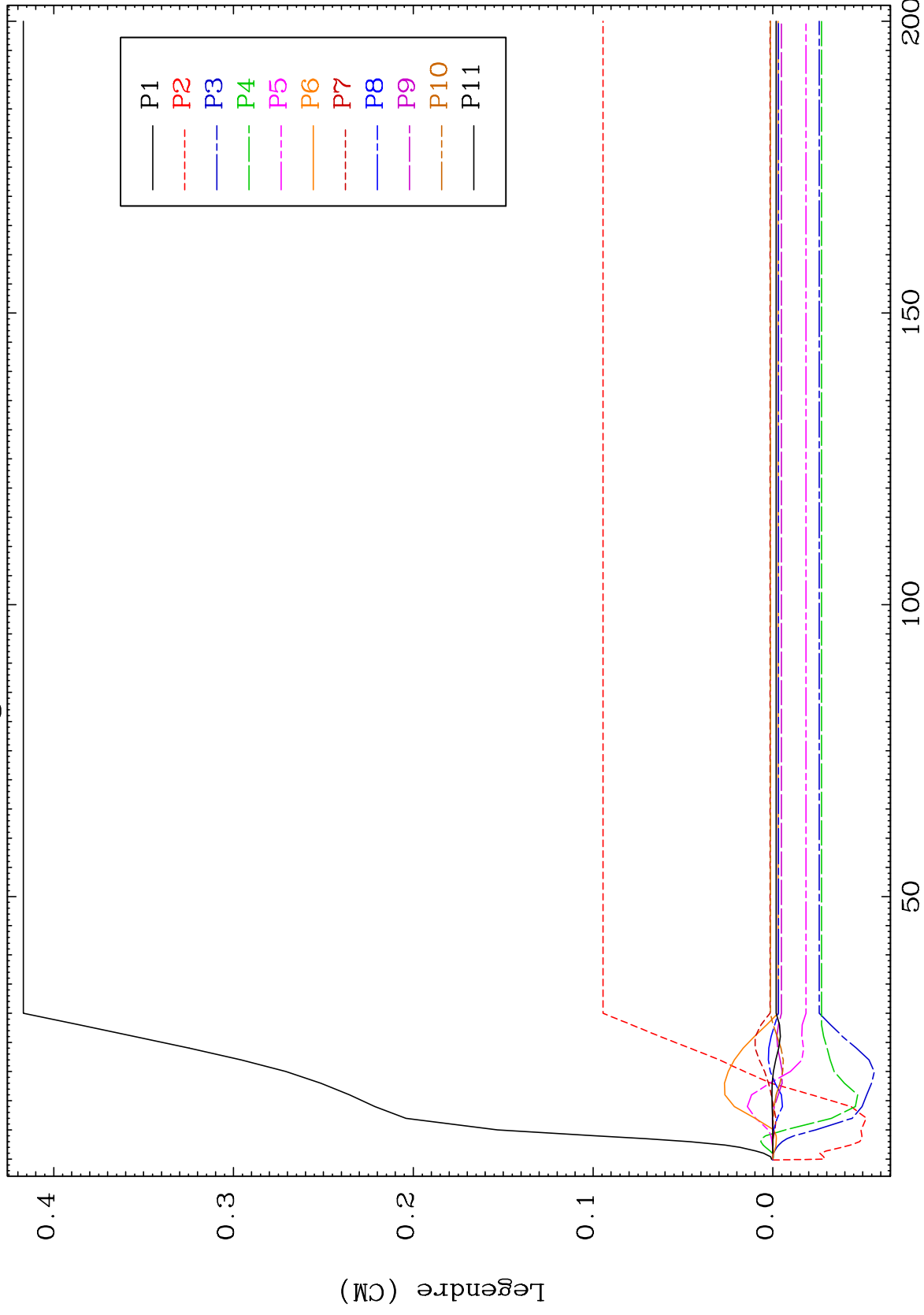
Incident Energy (MeV)

34-Se-86

MAT 3461

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

³⁴Se-86



70

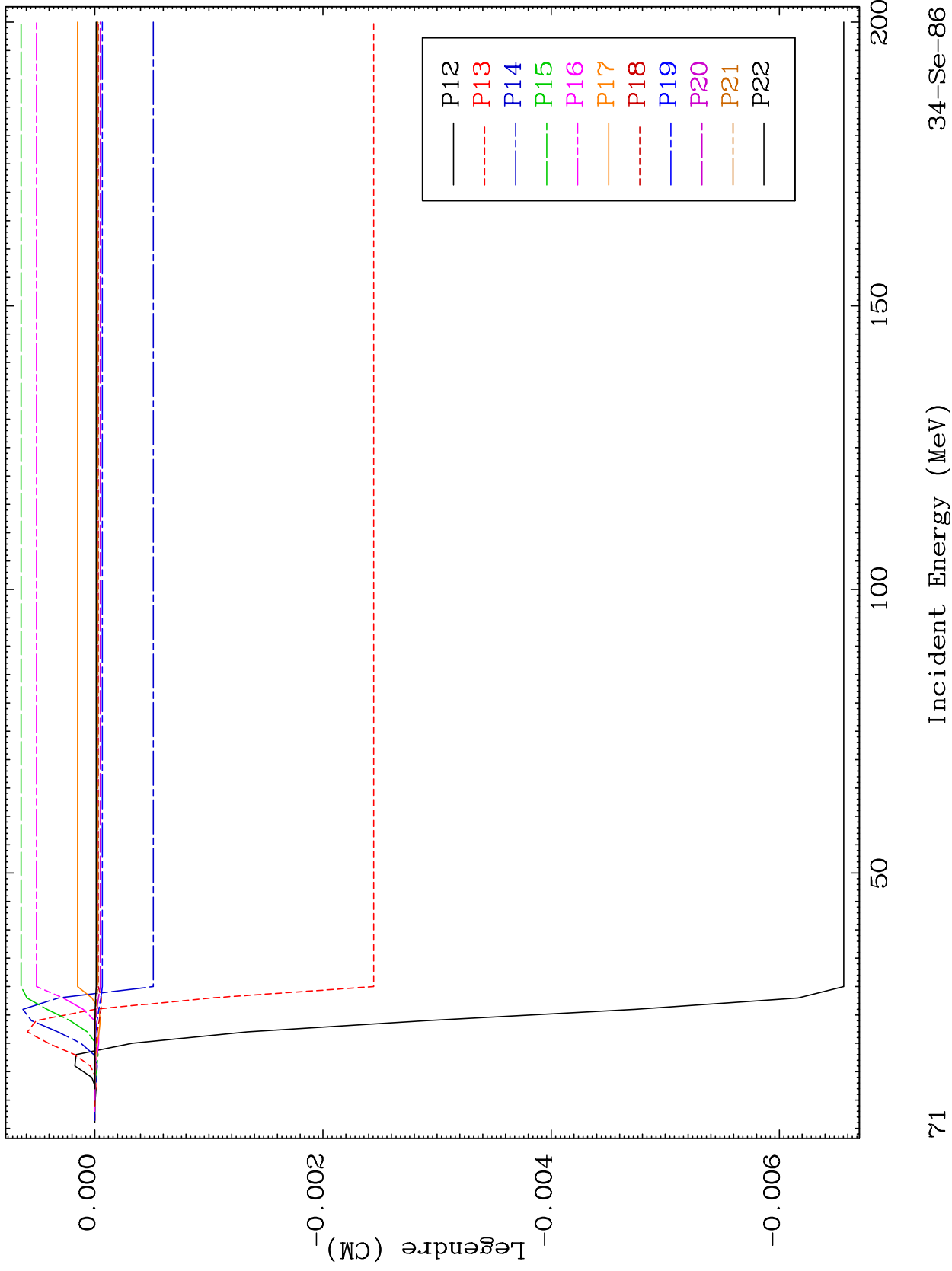
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

34-Se-86



71

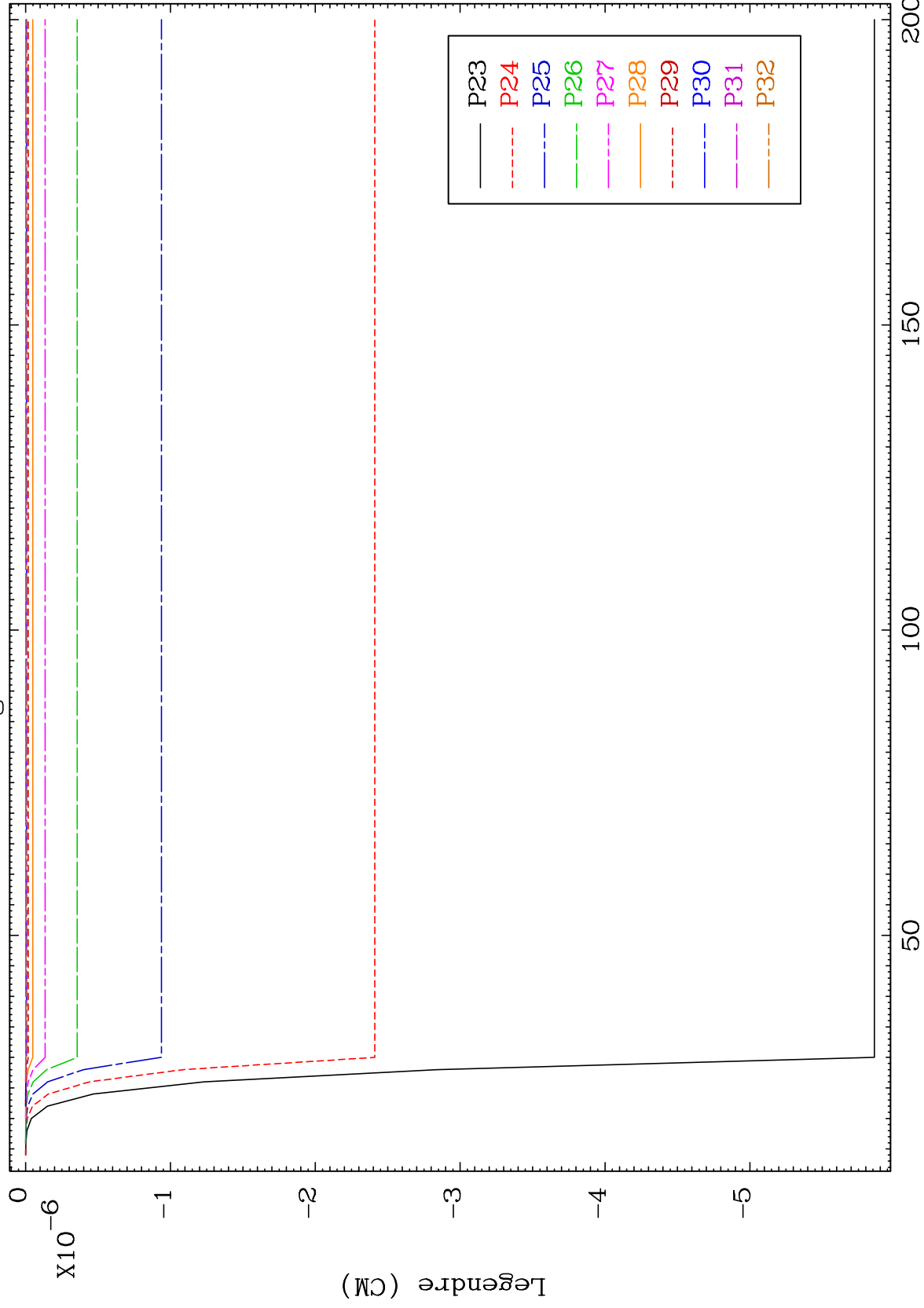
Incident Energy (MeV)

34-Se-86

MAT 3461

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

34-Se-86



72

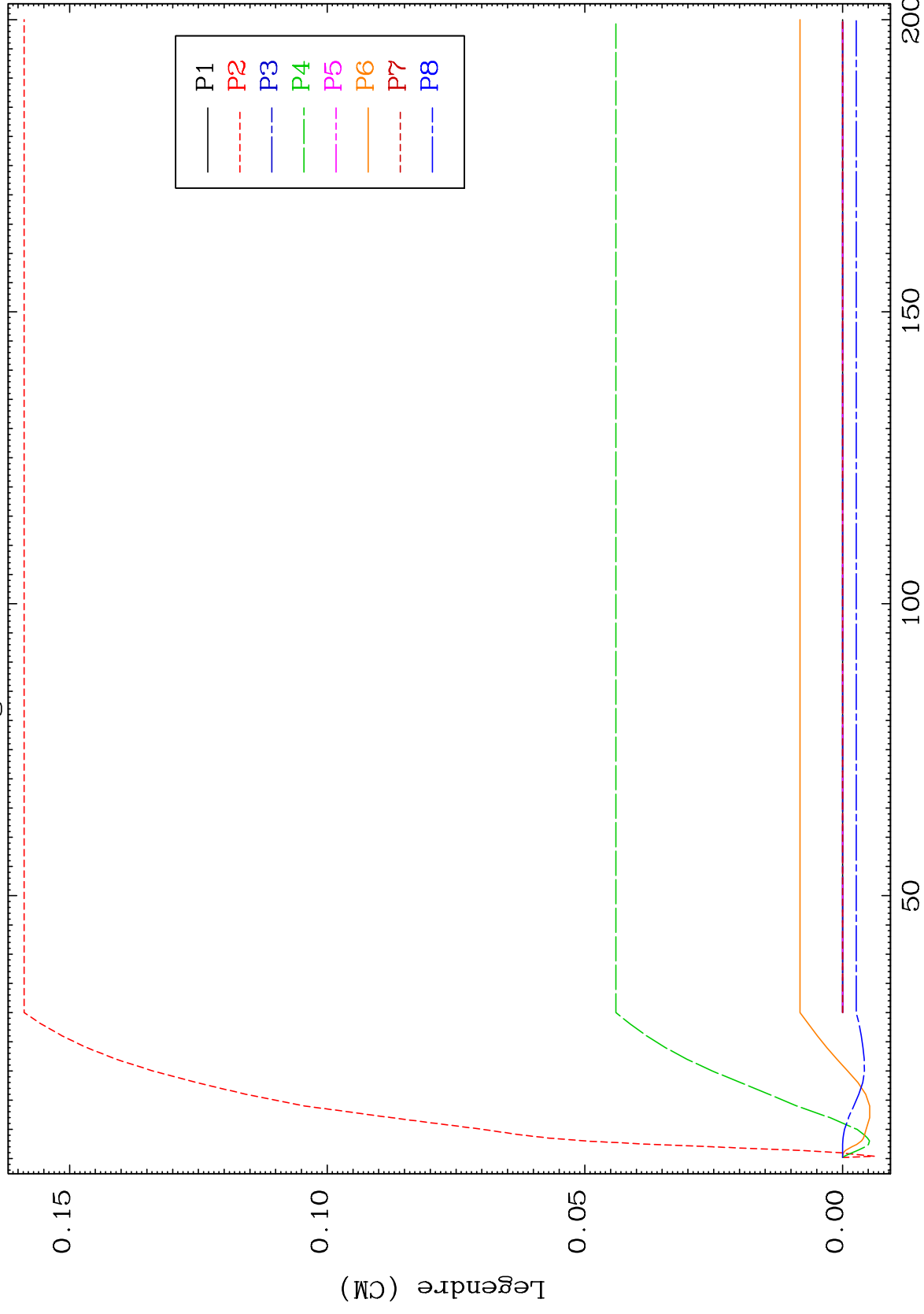
Incident Energy (MeV)

34-Se-86

MAT 3461

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

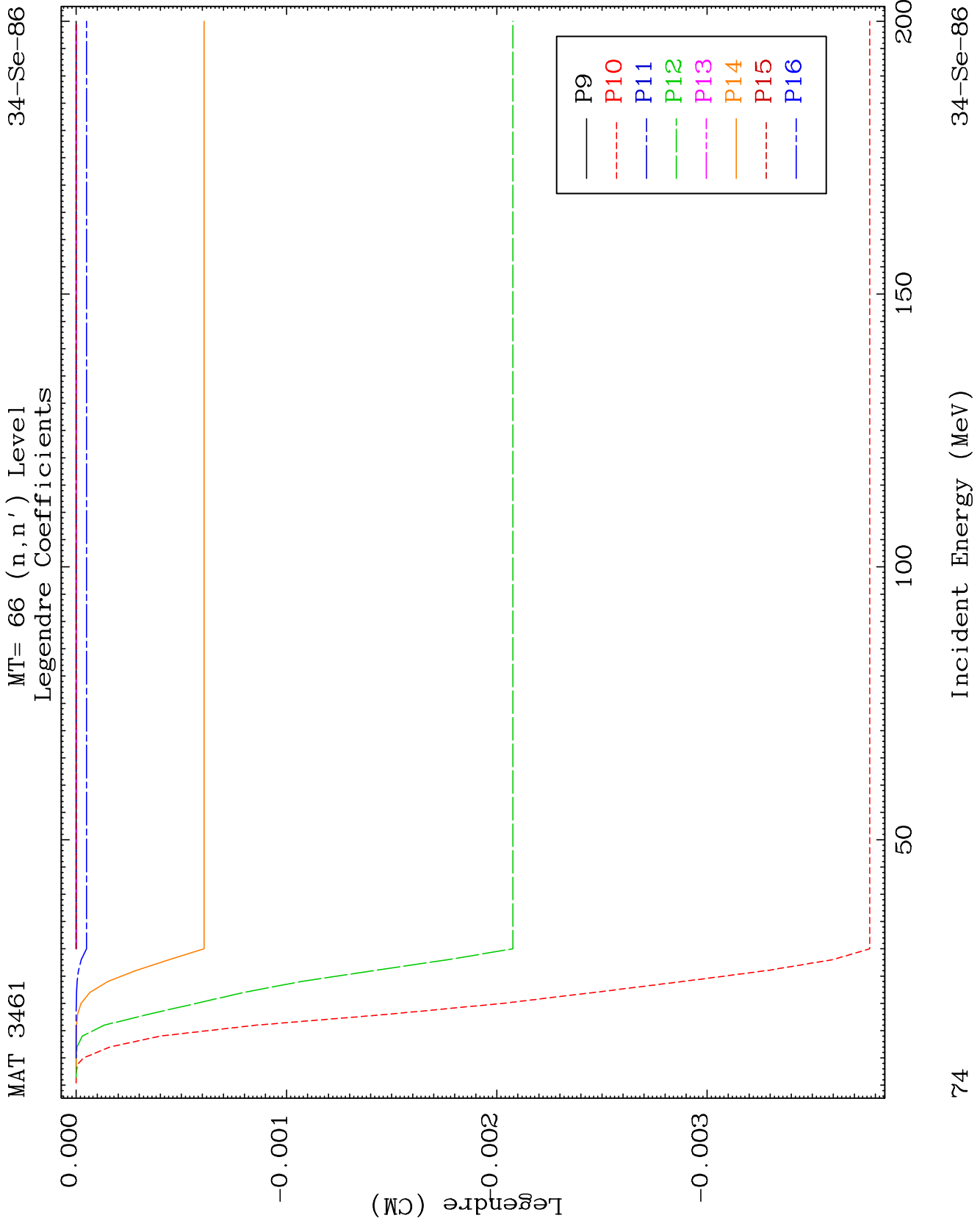
³⁴Se-86

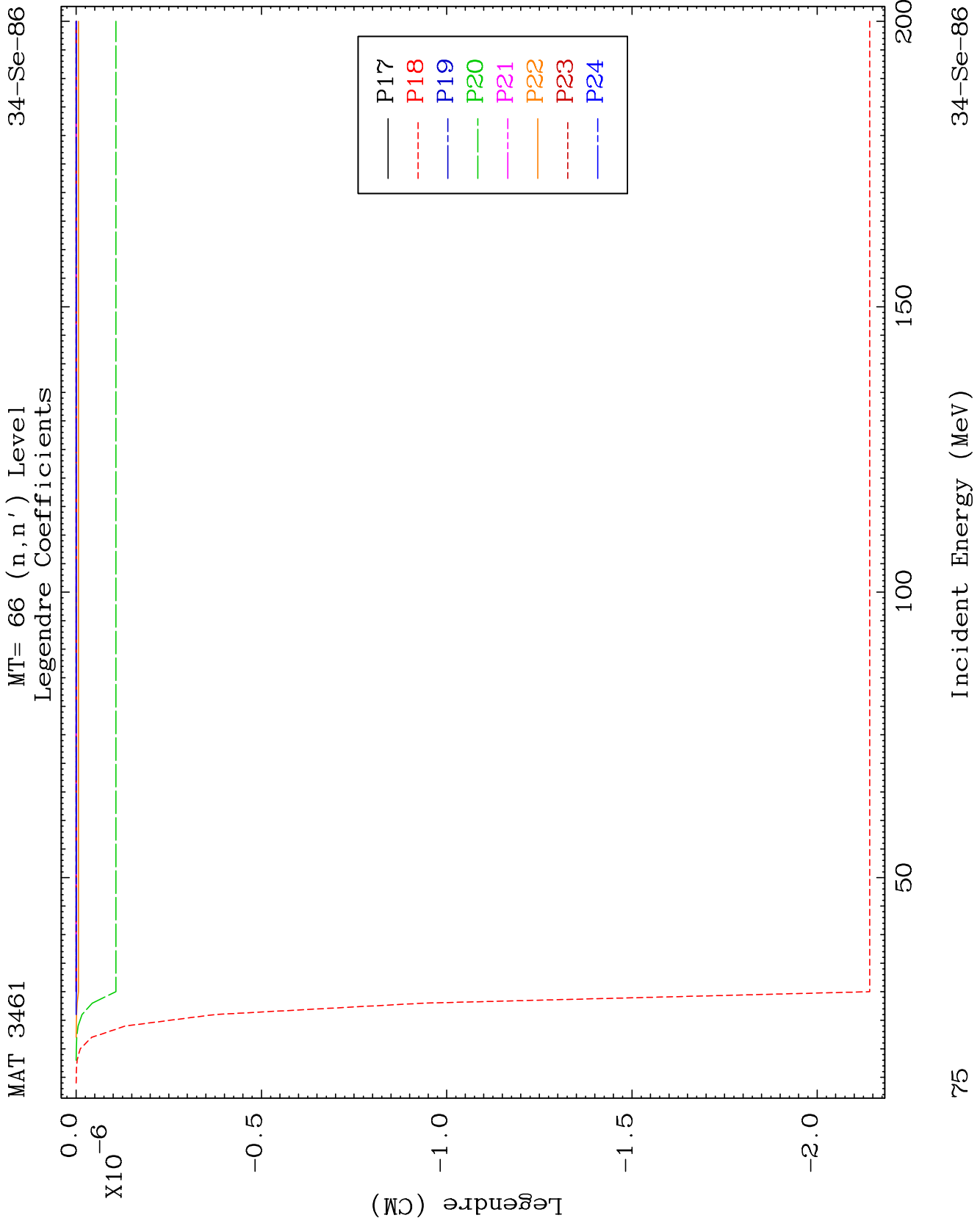


73

Incident Energy (MeV)

³⁴Se-86

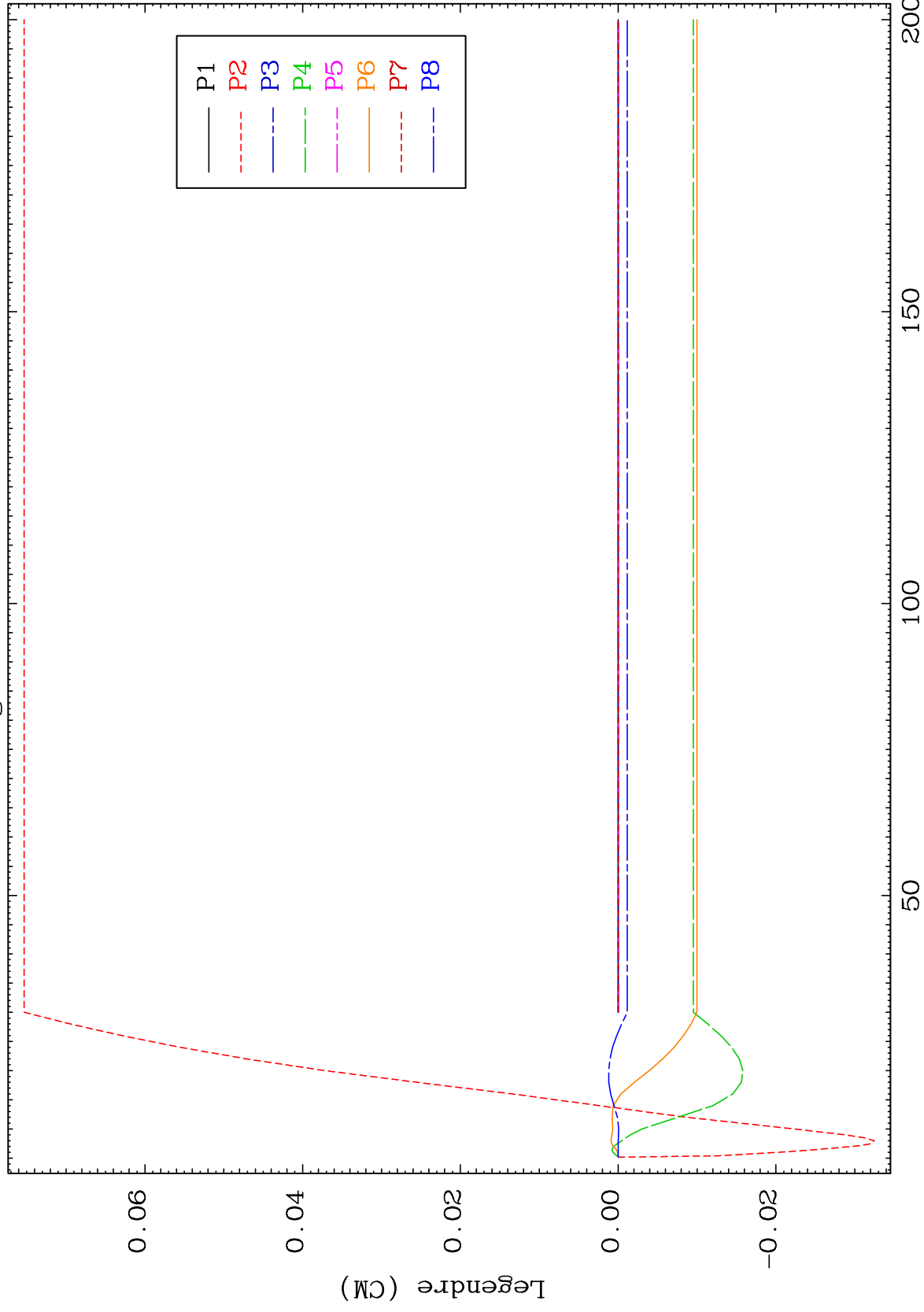




MAT 3461

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

³⁴Se-86



76

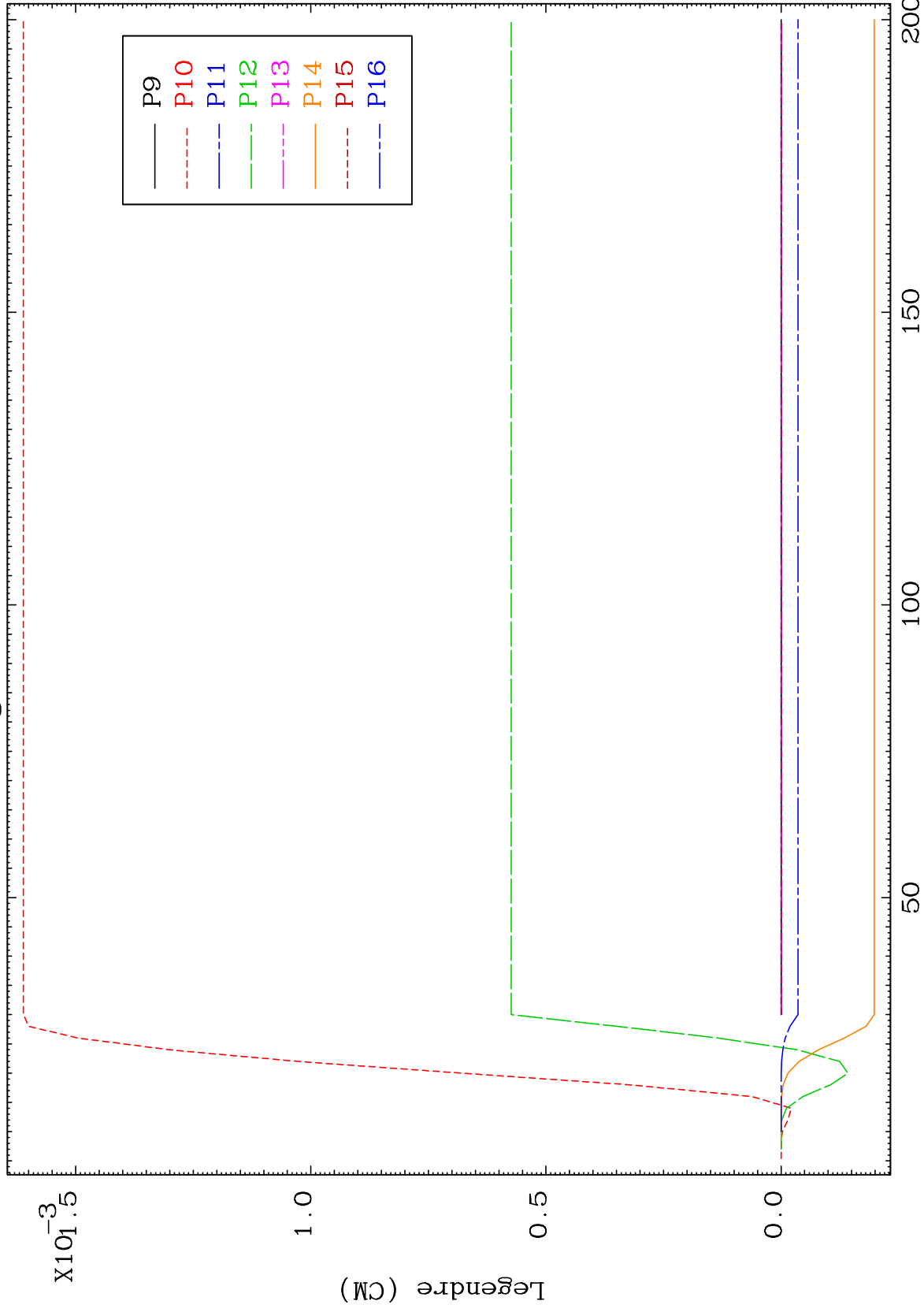
Incident Energy (MeV)

³⁴Se-86

MAT 3461

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

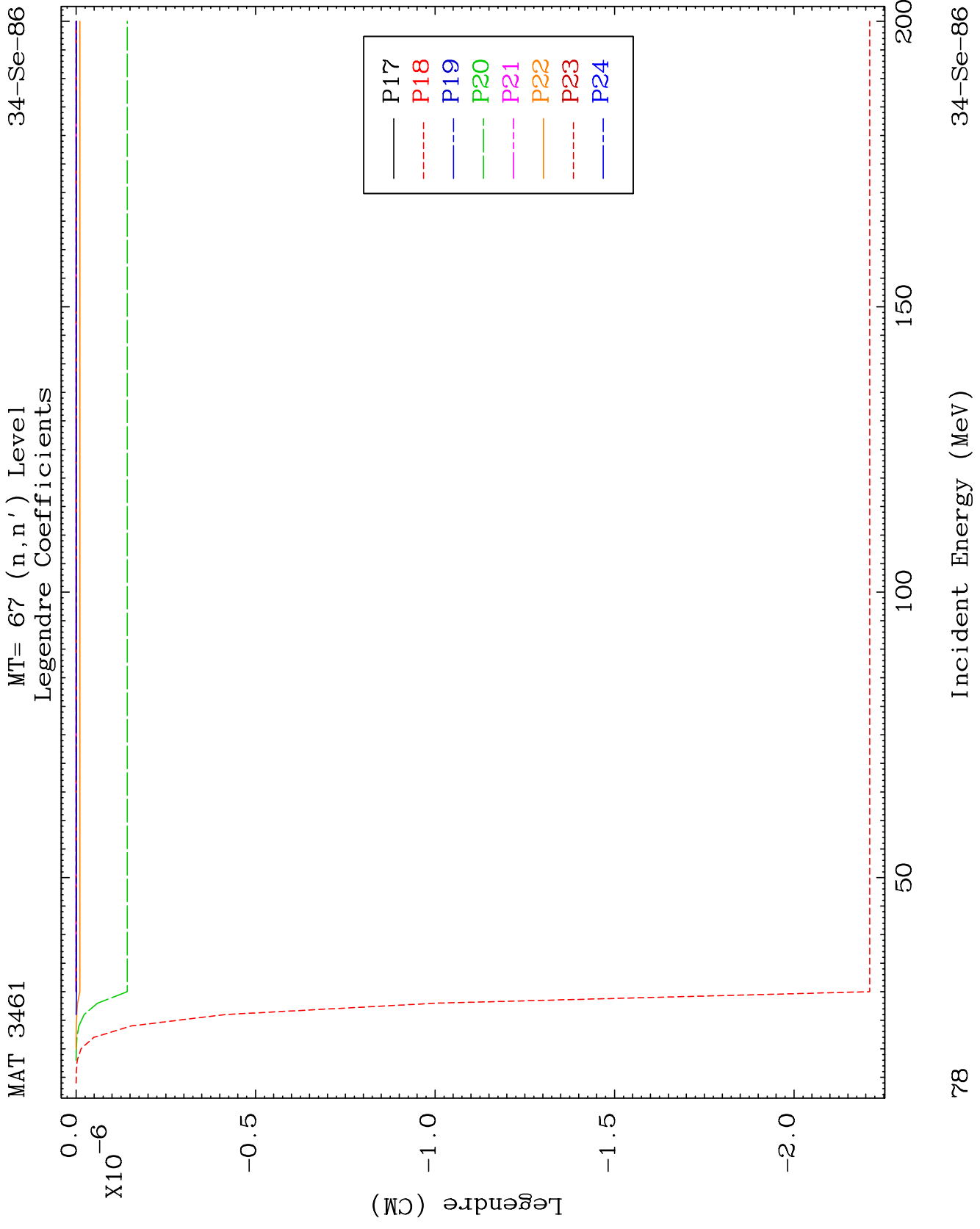
34-Se-86



77

Incident Energy (MeV)

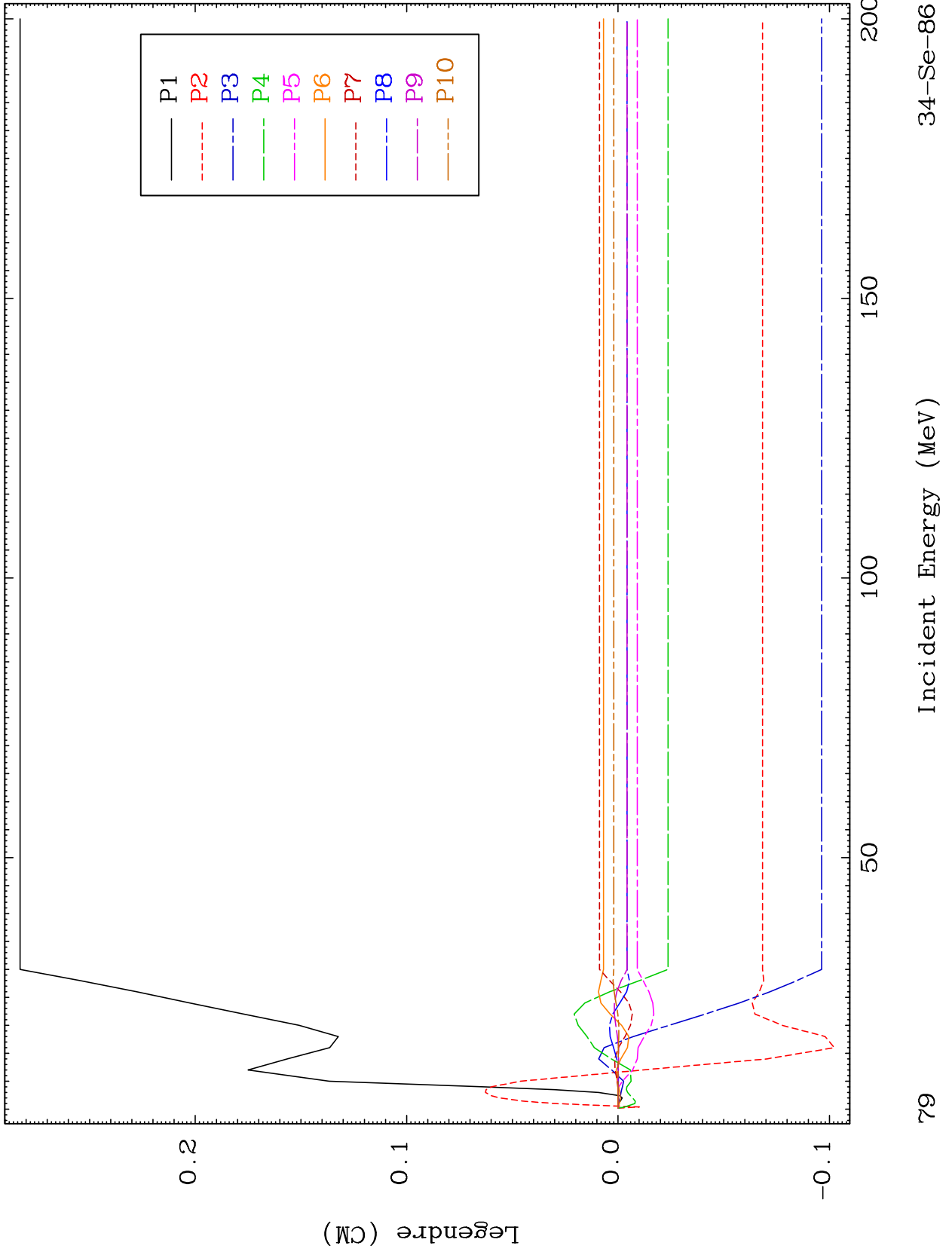
34-Se-86



MAT 3461

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

³⁴Se-86



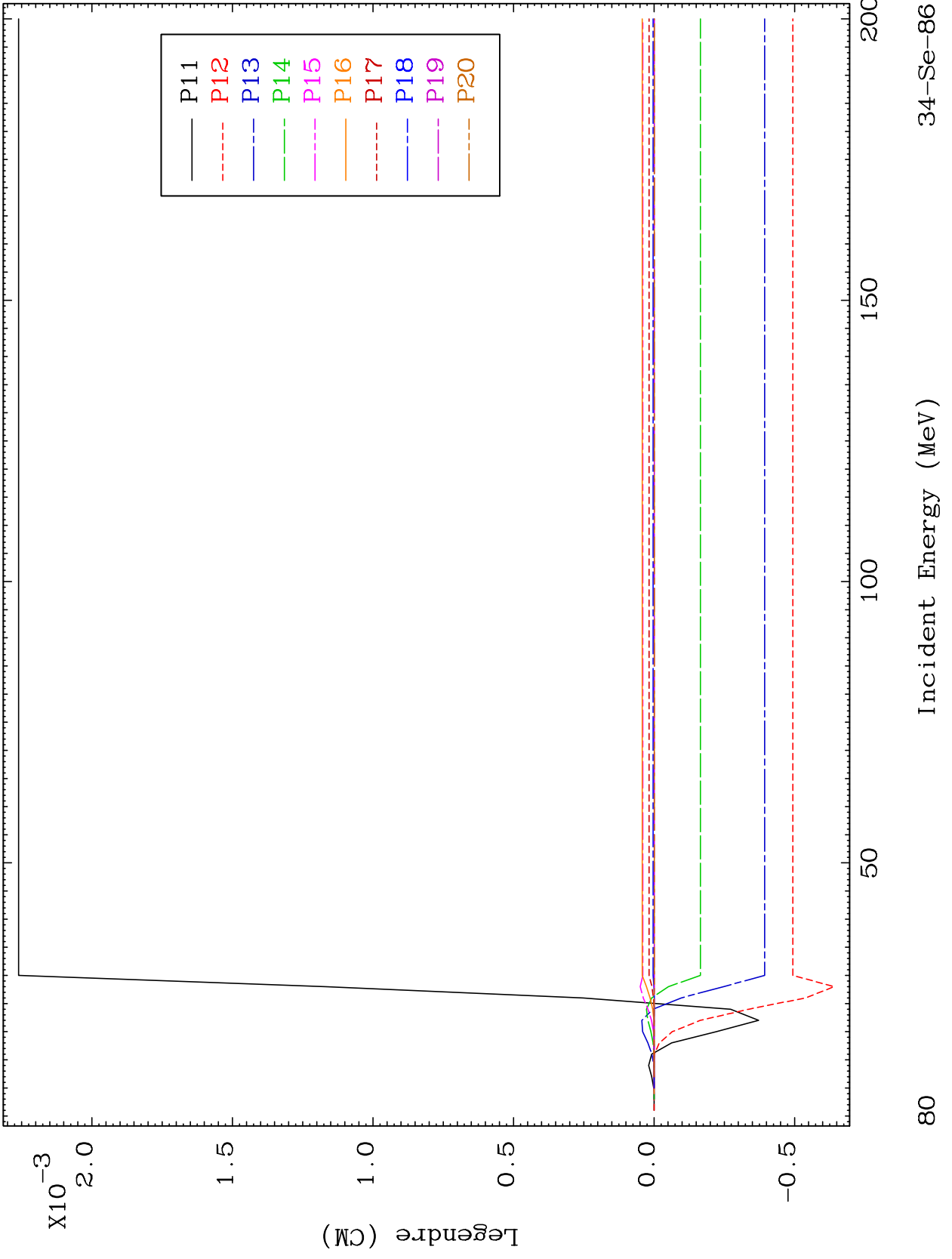
79

³⁴Se-86

MAT 3461

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

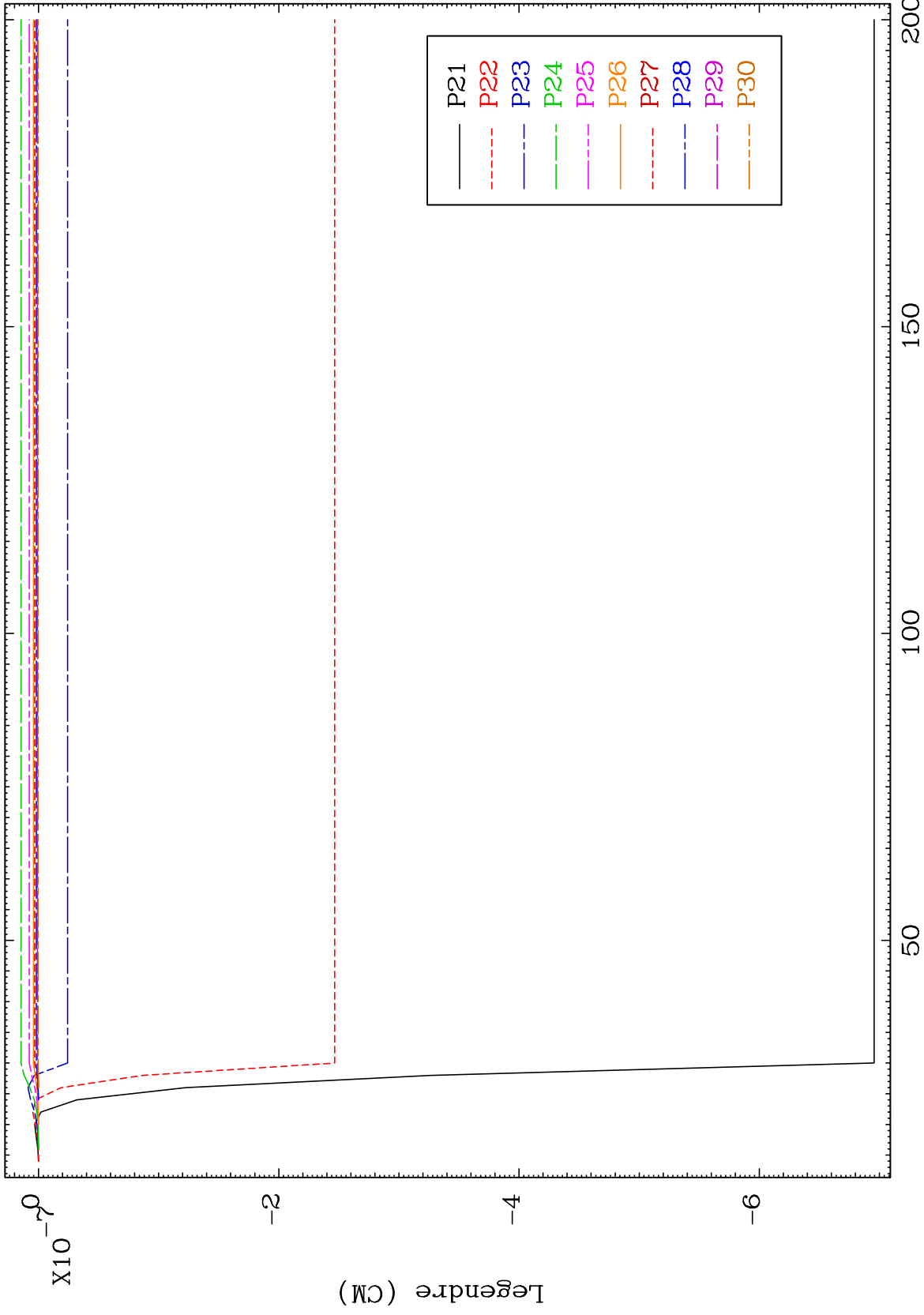
34-Se-86



MAT 3461

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

34-Se-86



81

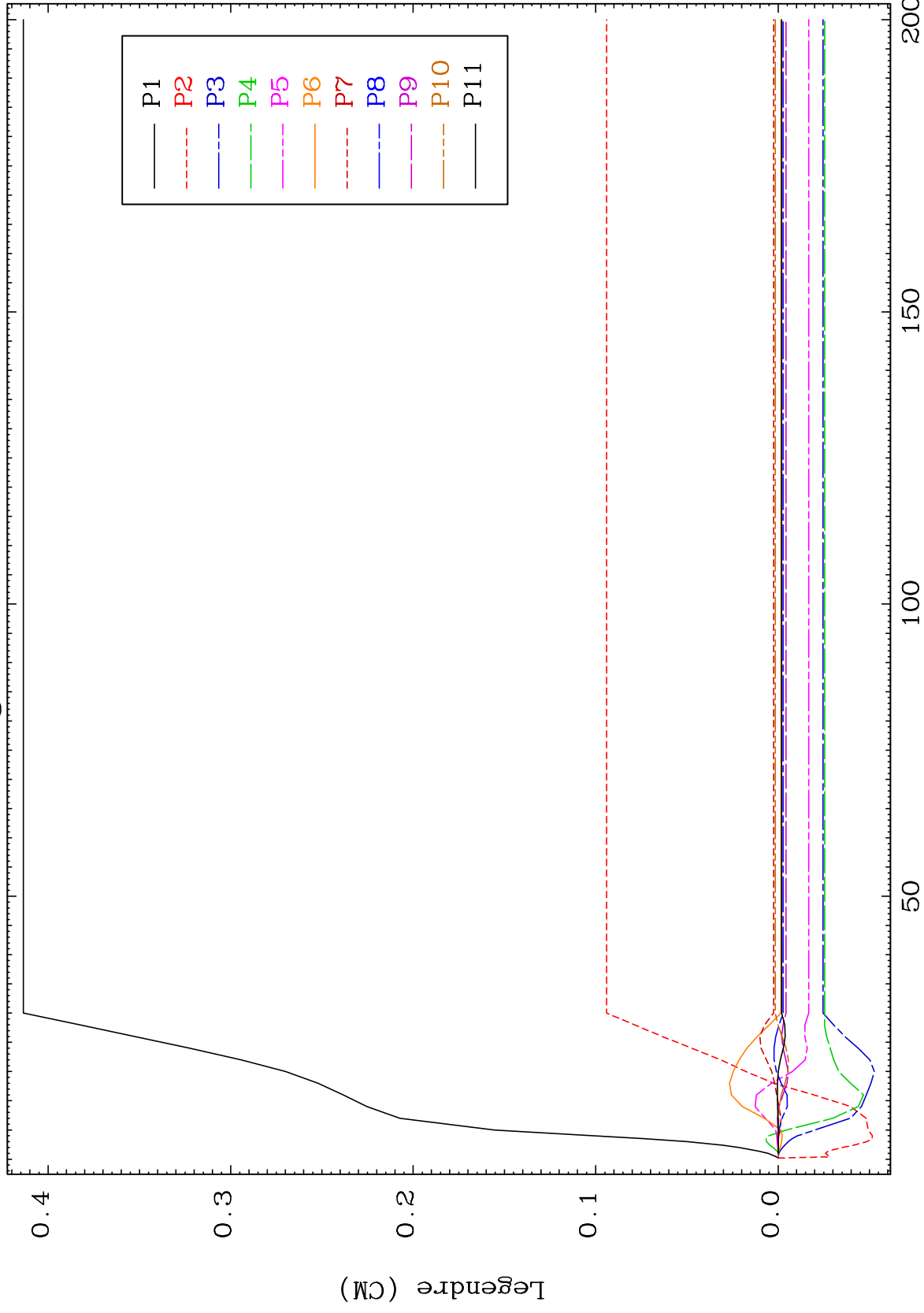
Incident Energy (MeV)

34-Se-86

MAT 3461

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

³⁴Se-86



82

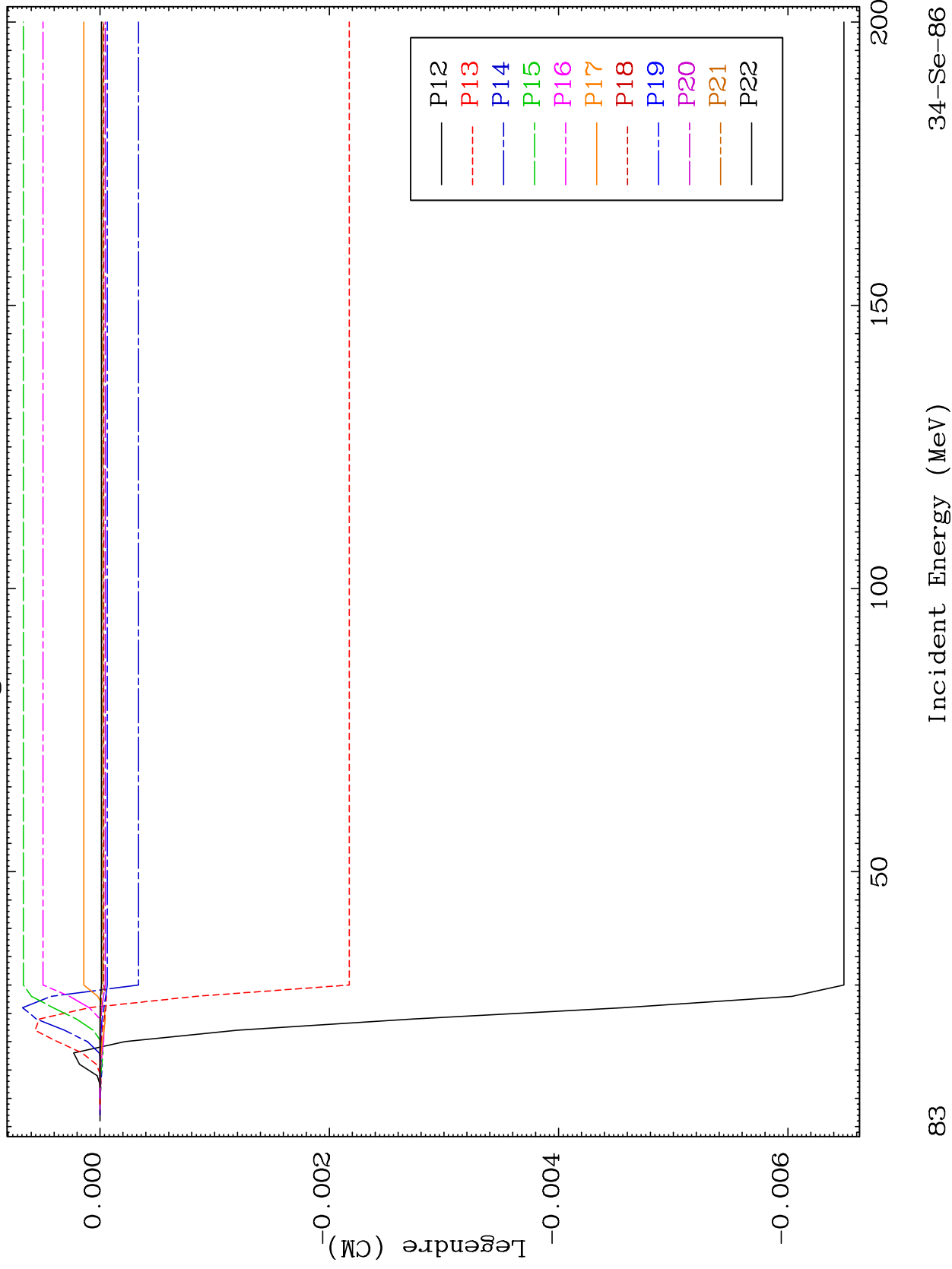
Incident Energy (MeV)

³⁴Se-86

MAT 3461

34-Se-86

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



83

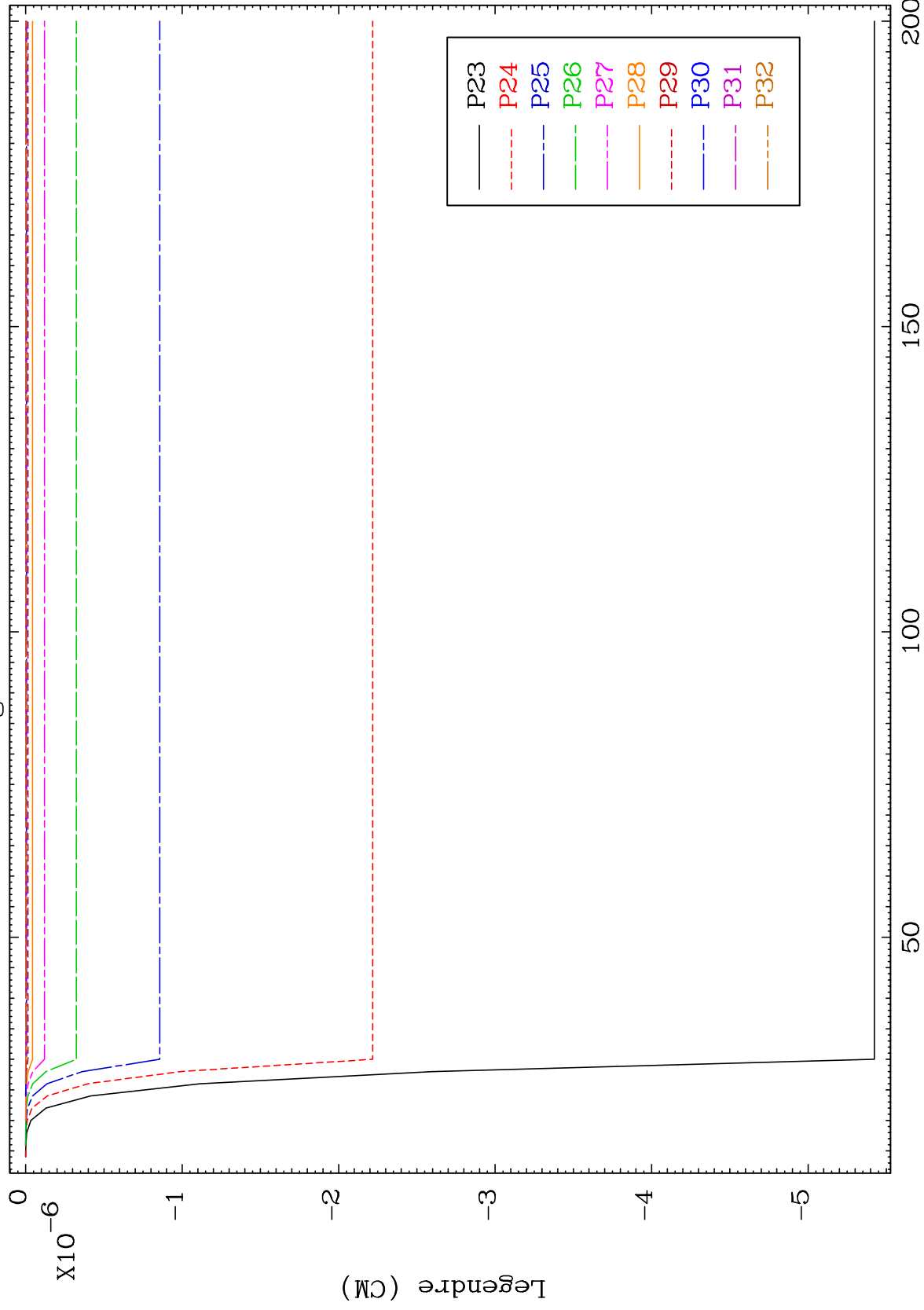
Incident Energy (MeV)

34-Se-86

MAT 3461

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

34-Se-86



84

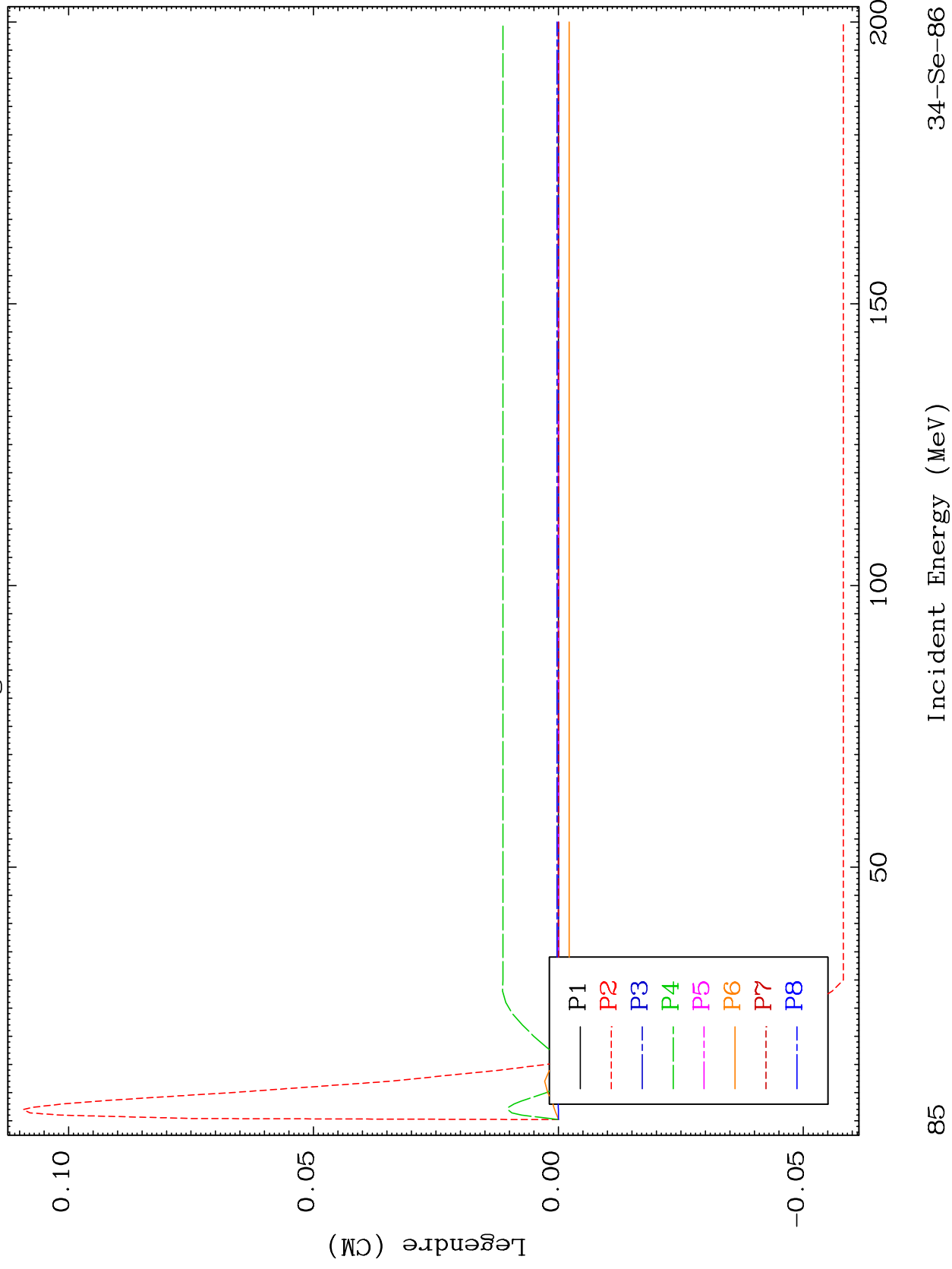
Incident Energy (MeV)

34-Se-86

MAT 3461

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

³⁴Se-86



85

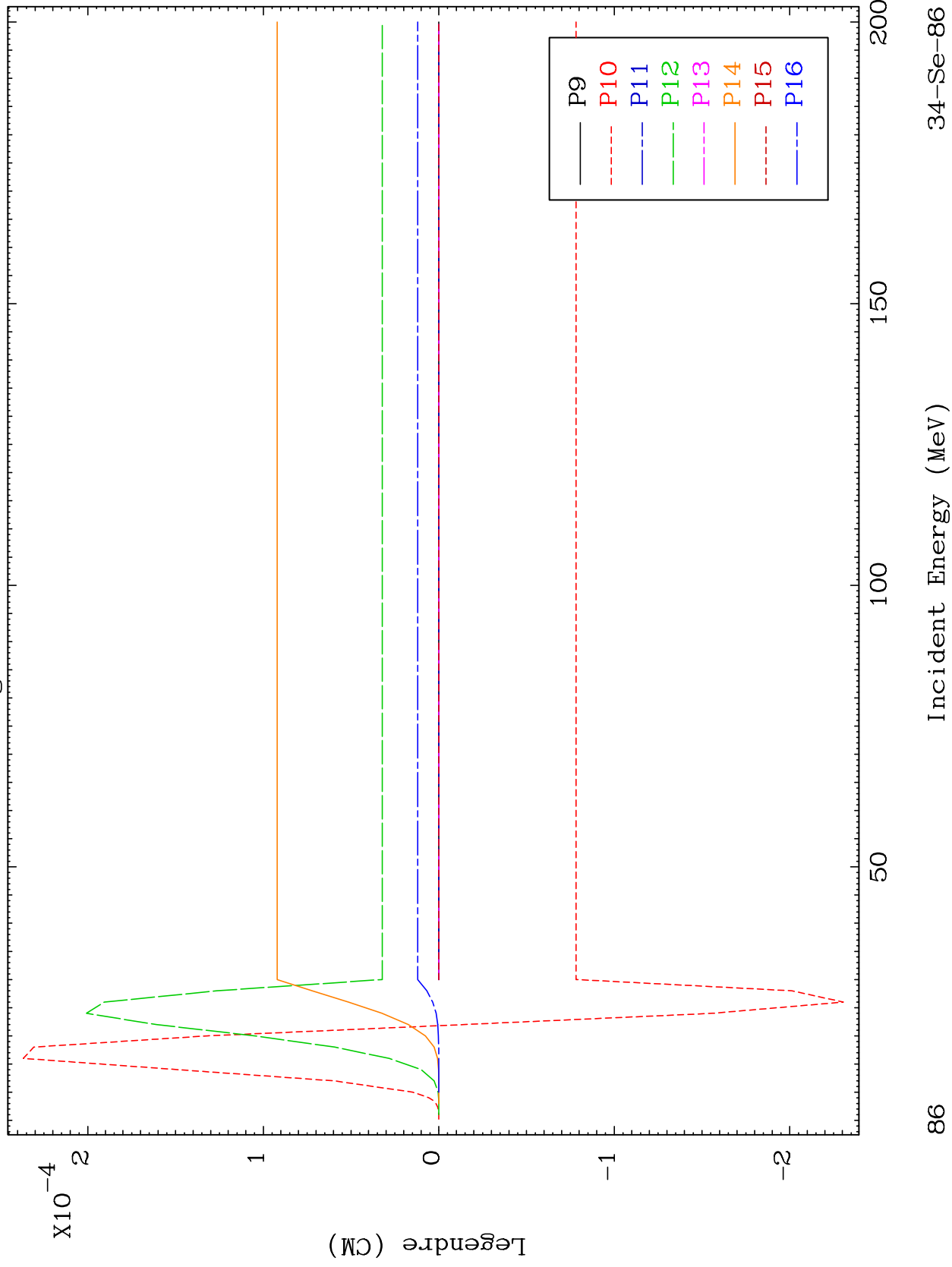
Incident Energy (MeV)

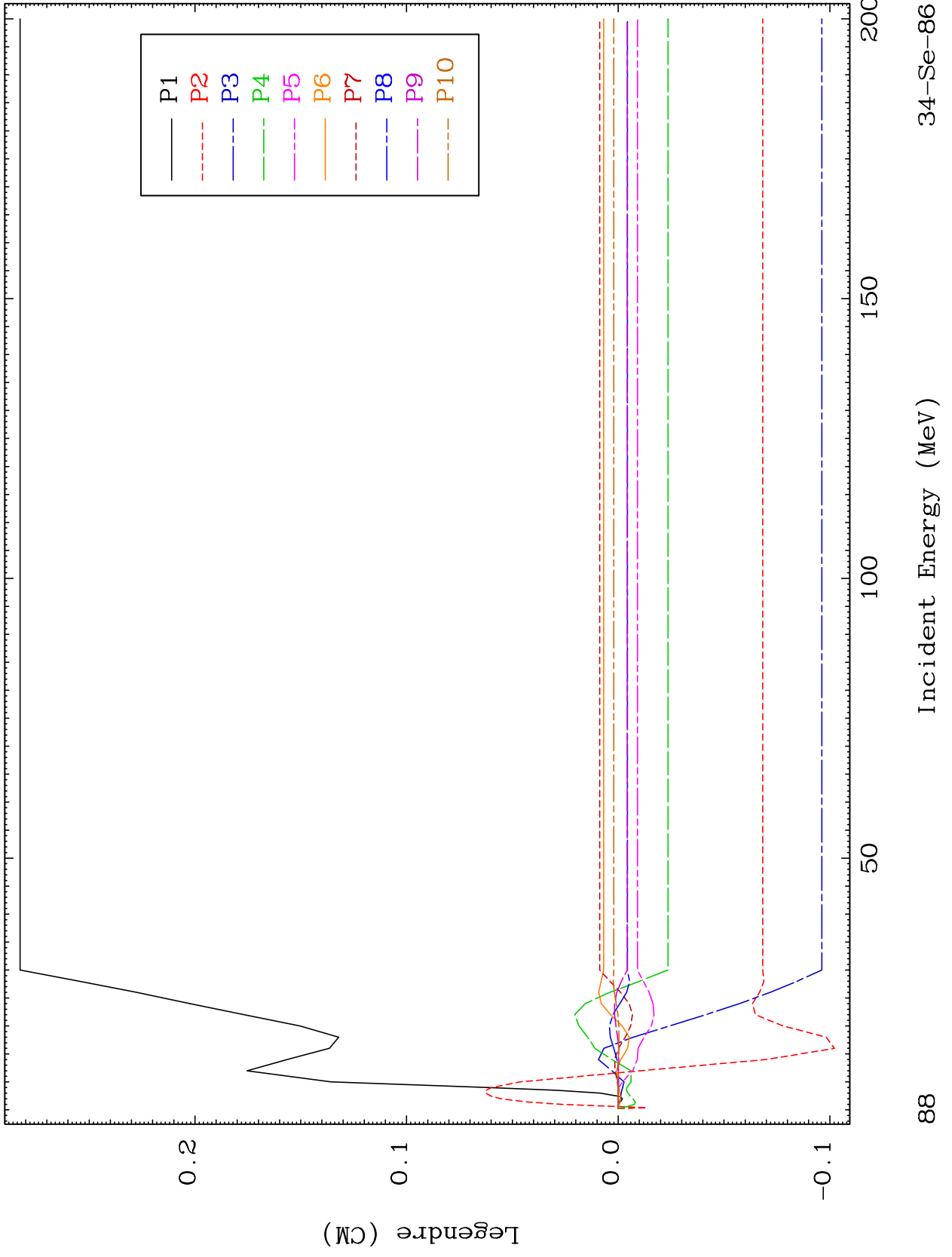
³⁴Se-86

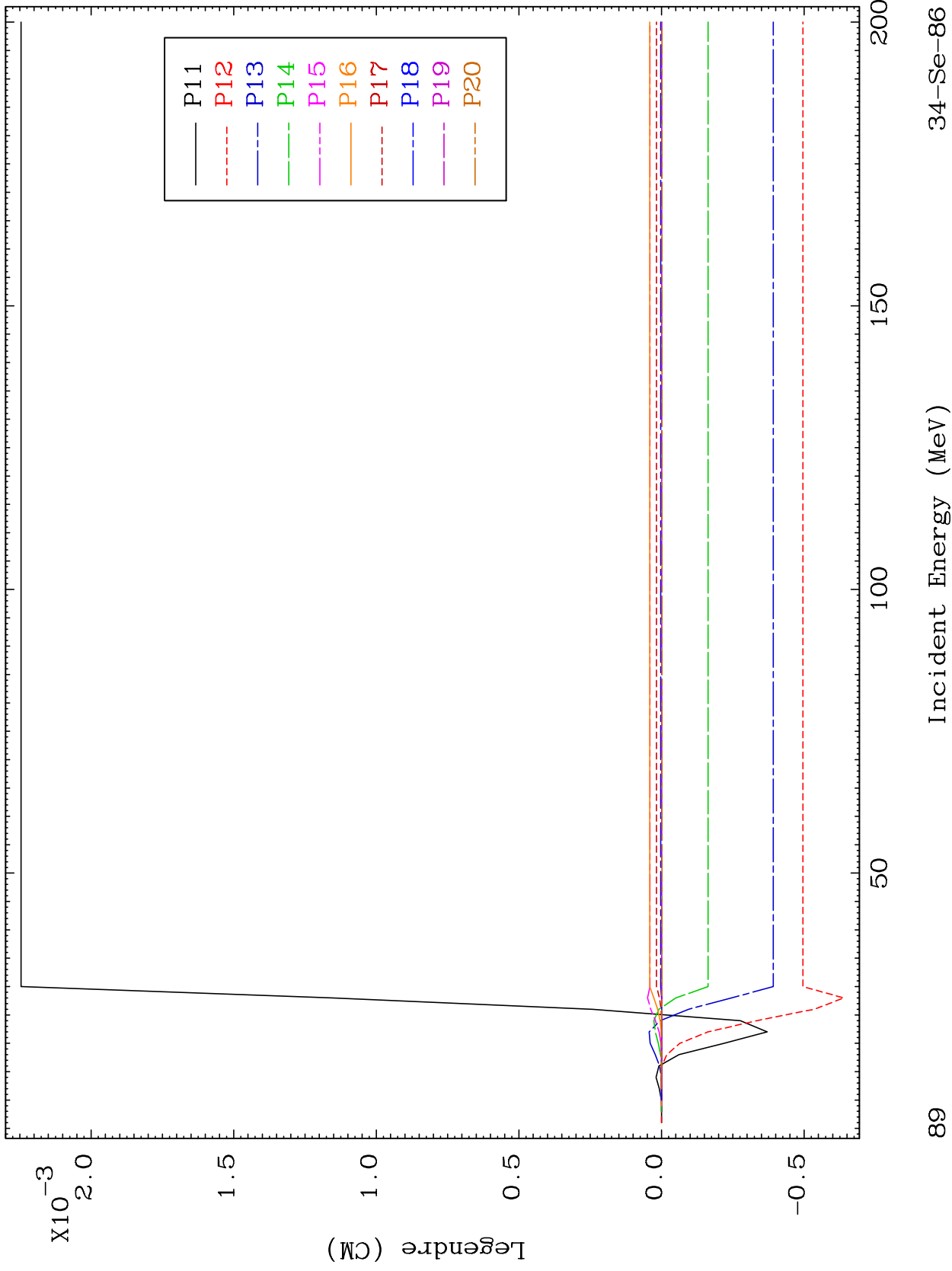
MAT 3461

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

34-Se-86



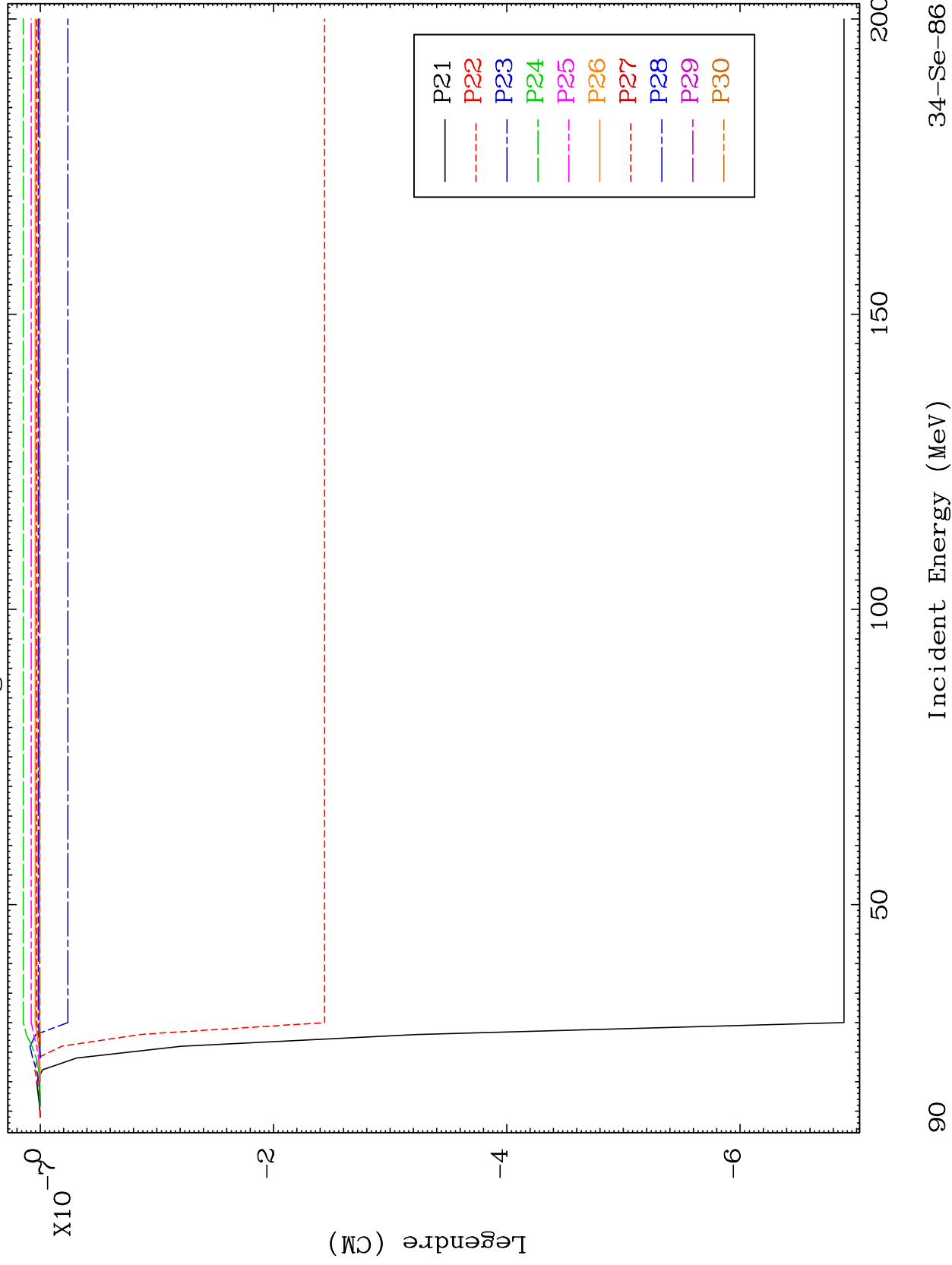




MAT 3461

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

34-Se-86



90

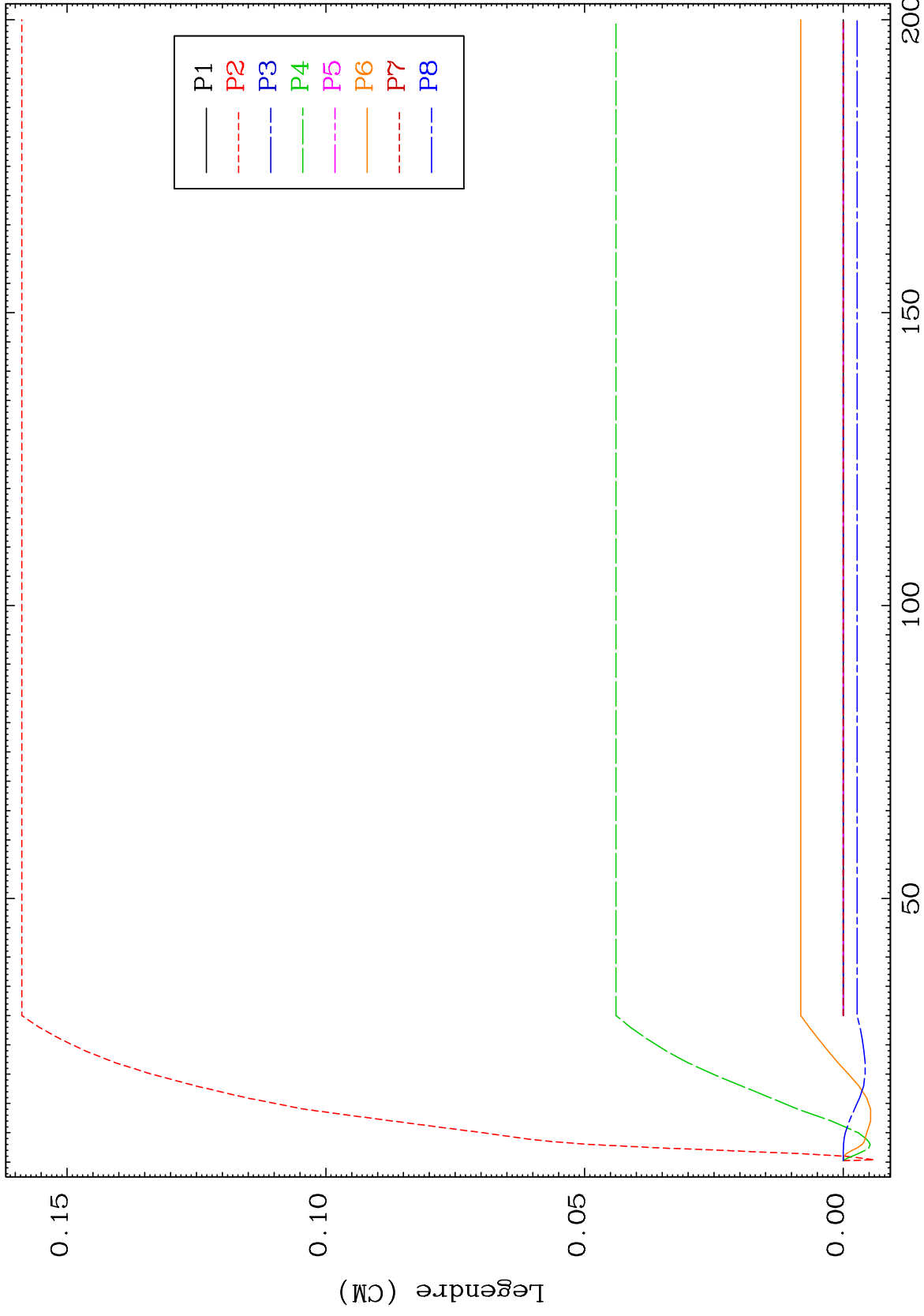
Incident Energy (MeV)

34-Se-86

MAT 3461

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

34-Se-86



91

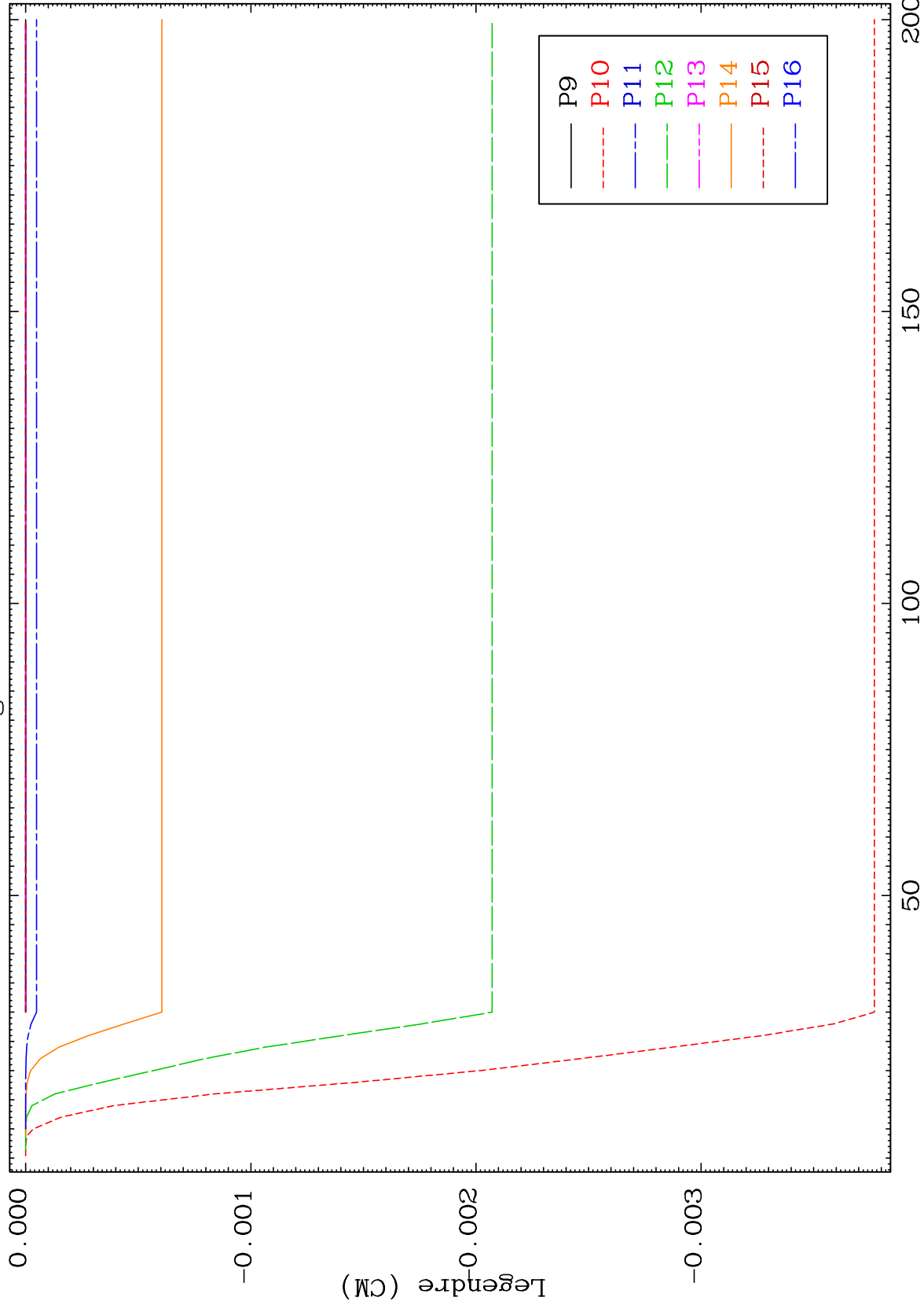
Incident Energy (MeV)

34-Se-86

MAT 3461

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

34-Se-86



92

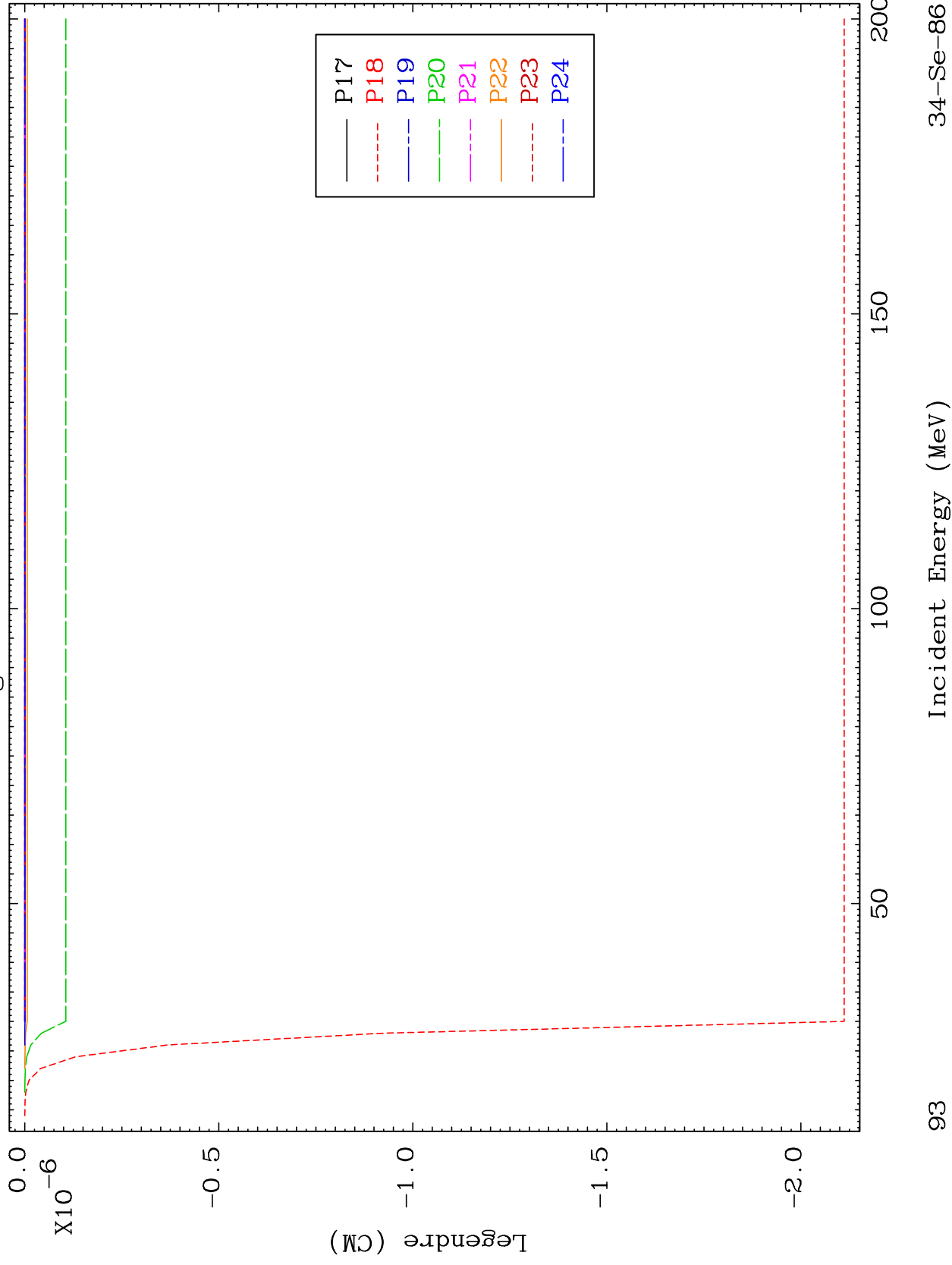
Incident Energy (MeV)

34-Se-86

MAT 3461

34-Se-86

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



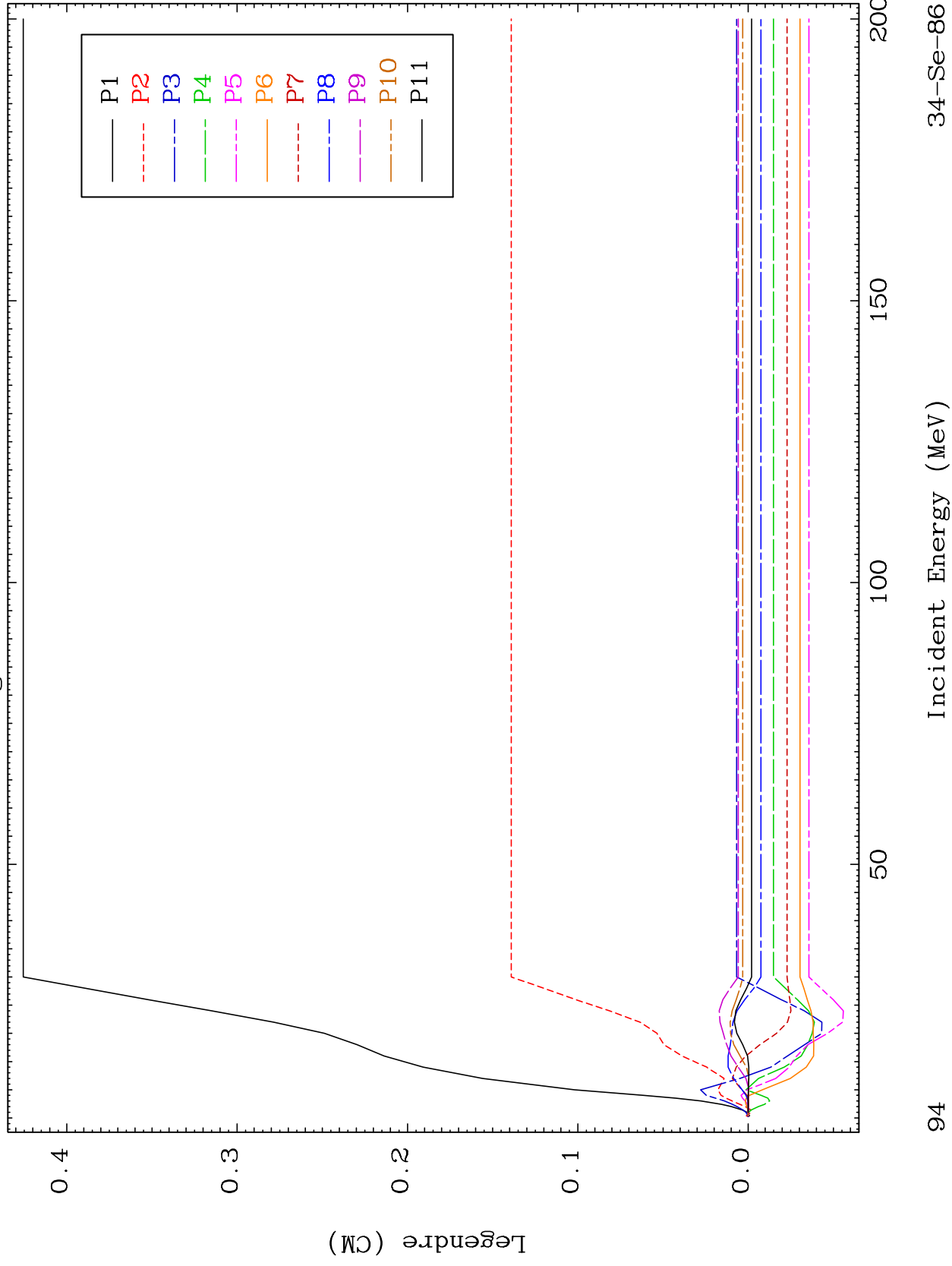
93

34-Se-86

MAT 3461

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

³⁴Se-86



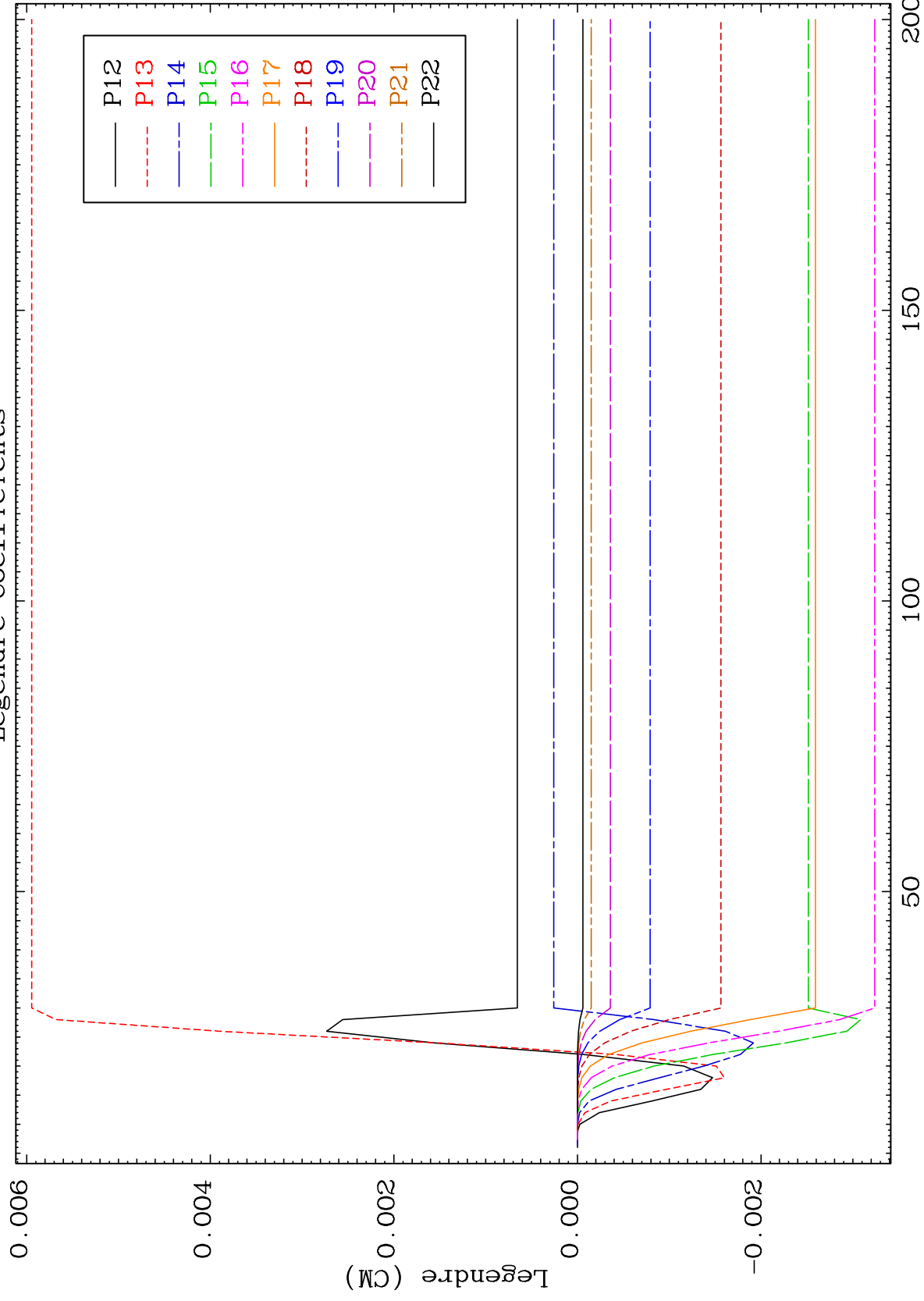
94

³⁴Se-86

MAT 3461

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

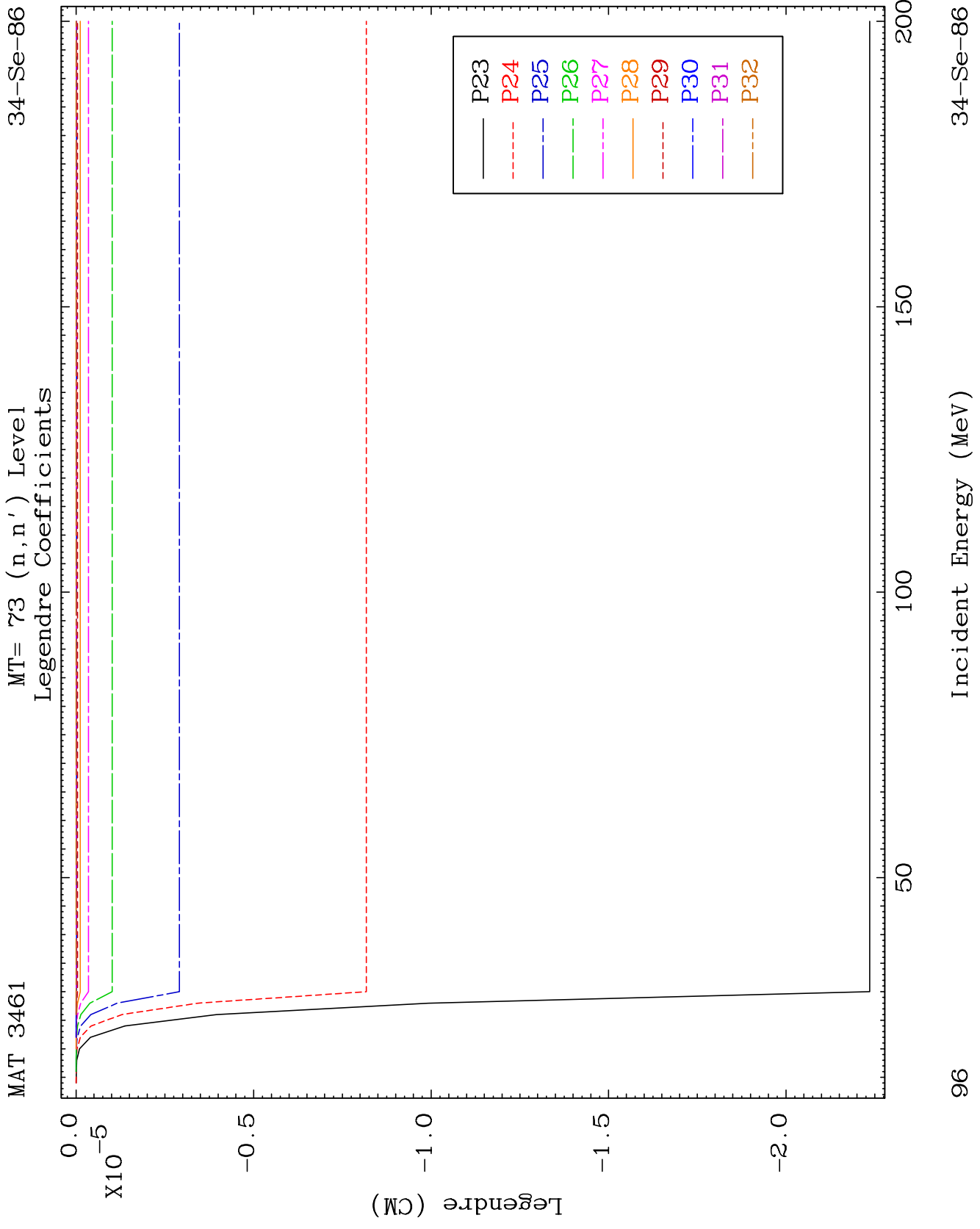
34-Se-86



95

Incident Energy (MeV)

34-Se-86

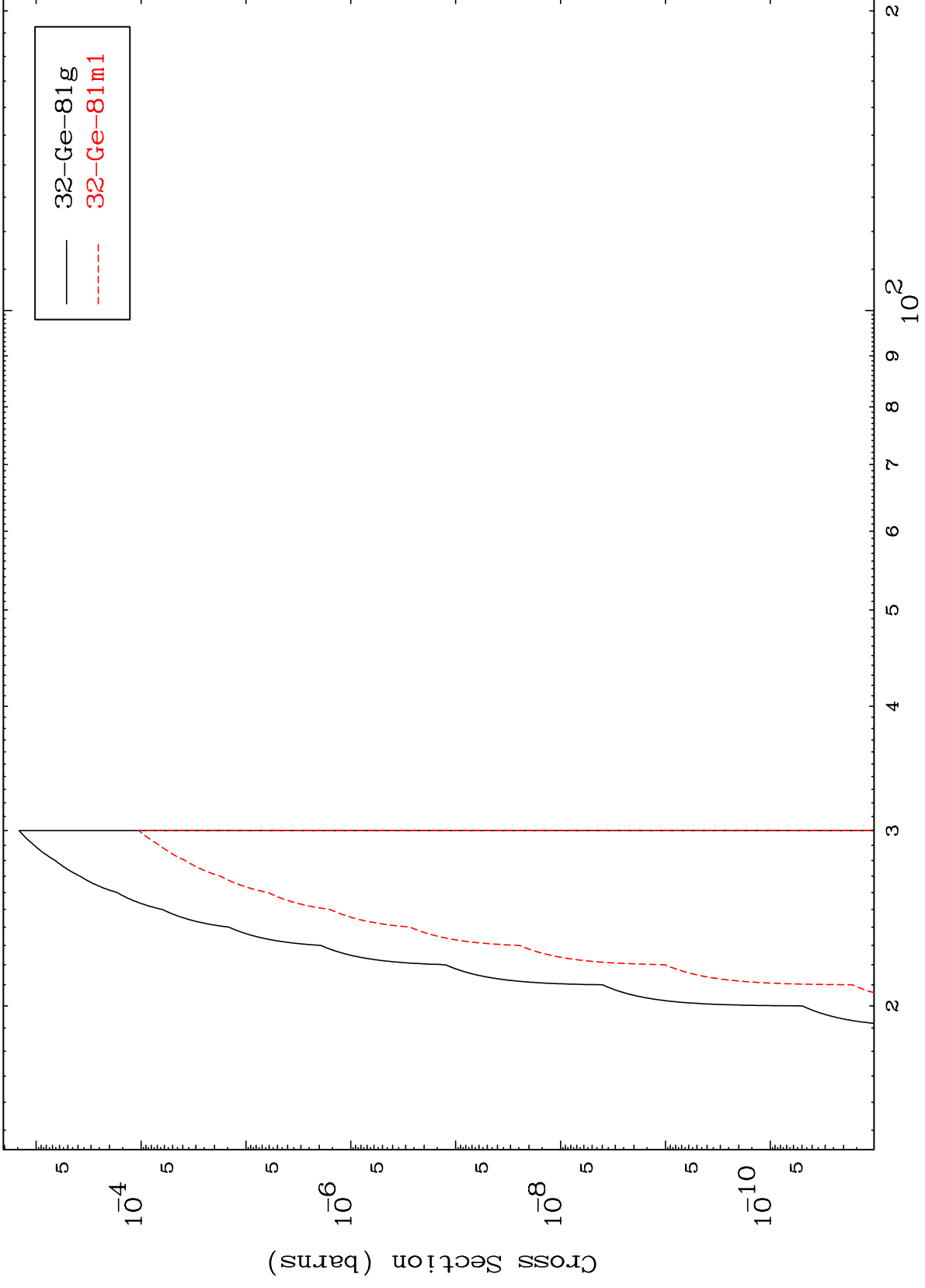


MAT 3461

$(n,2n) \alpha$

$^{34}\text{Se-86}$

Radionuclide Production Cross Section



97

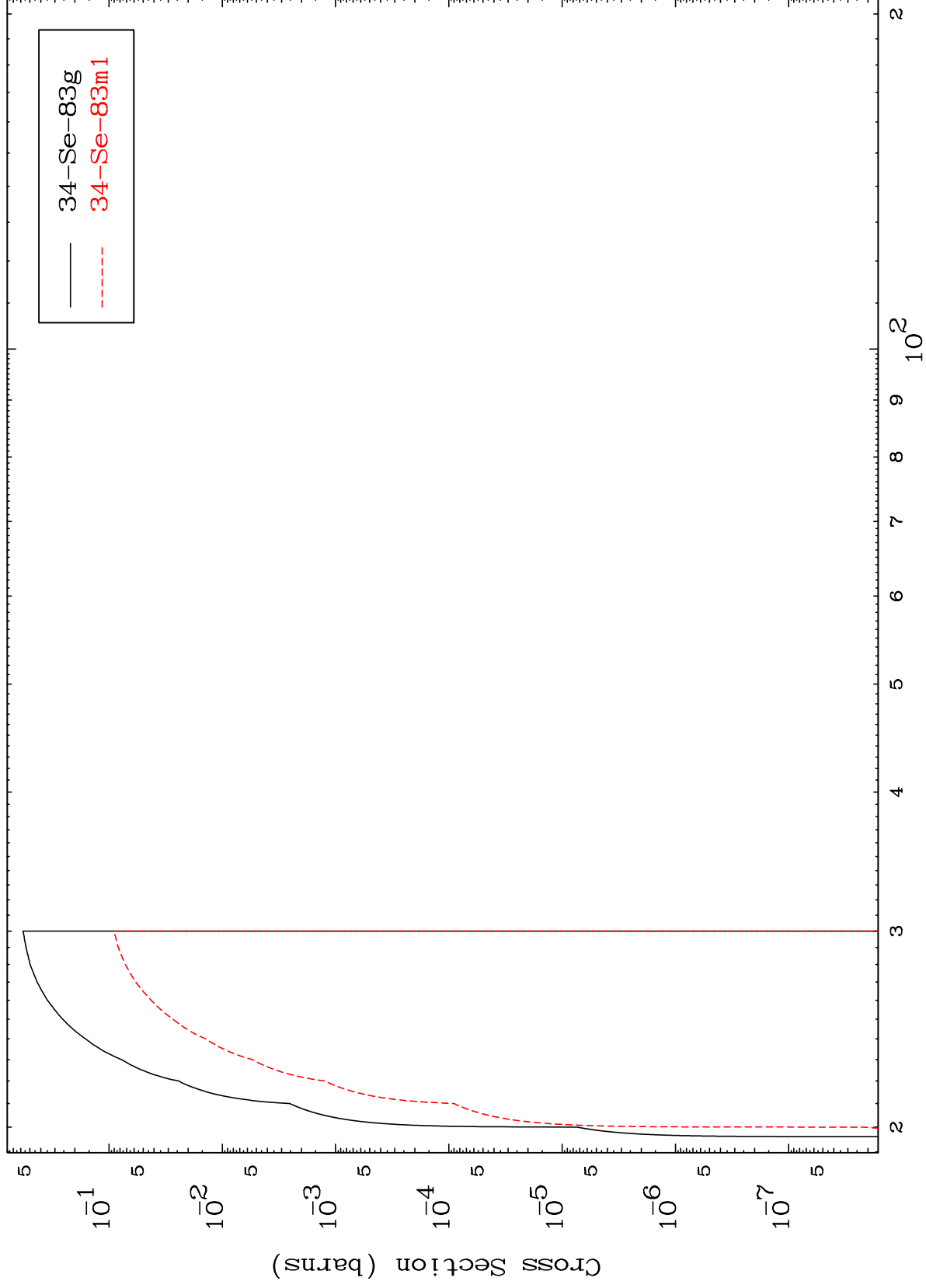
Incident Energy (MeV)

$^{34}\text{Se-86}$

MAT 3461

³⁴Se-86

(n,4n)
Radionuclide Production Cross Section



98

Incident Energy (MeV)

³⁴Se-86