

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

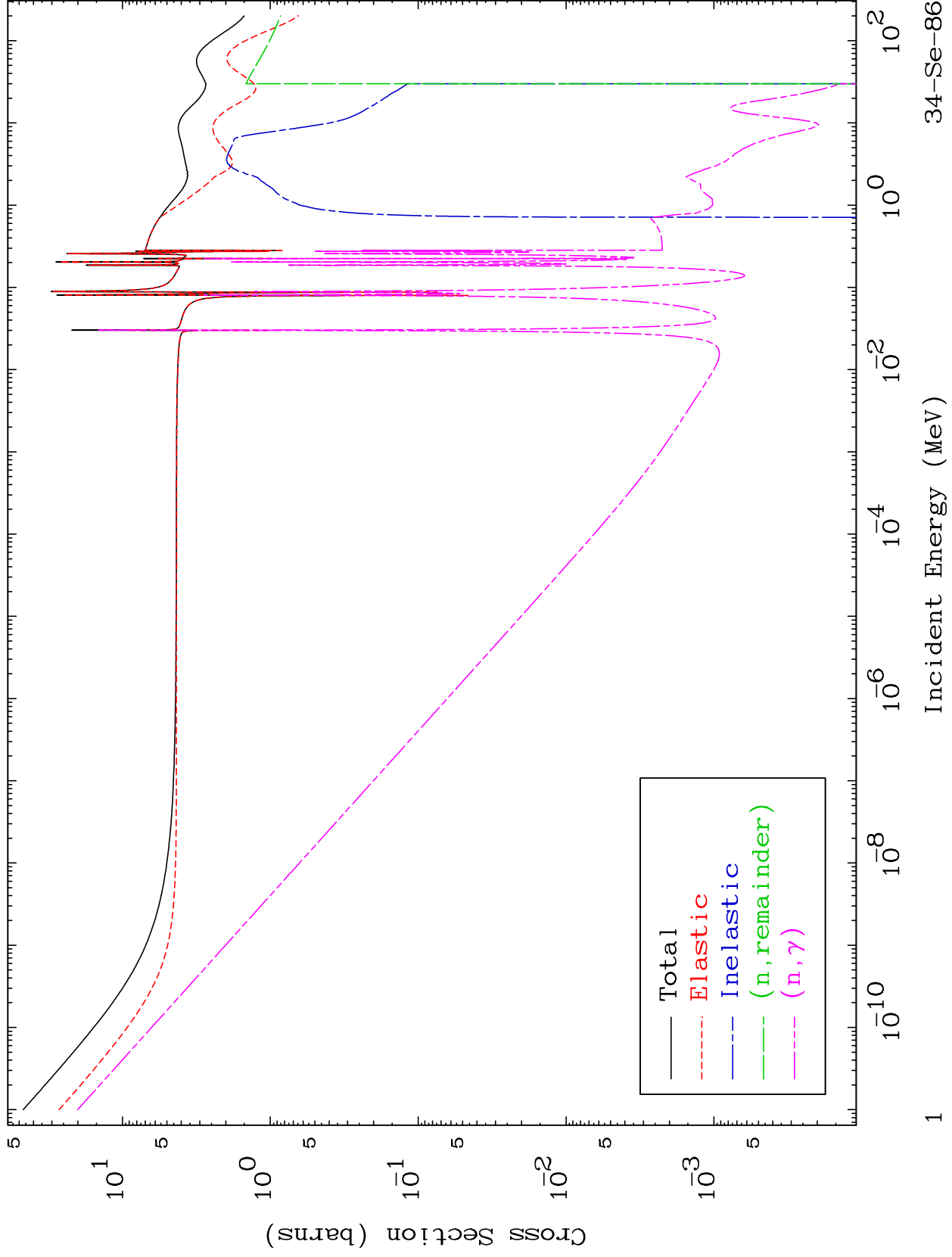
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3461

Major
293 Kelvin Cross Sections

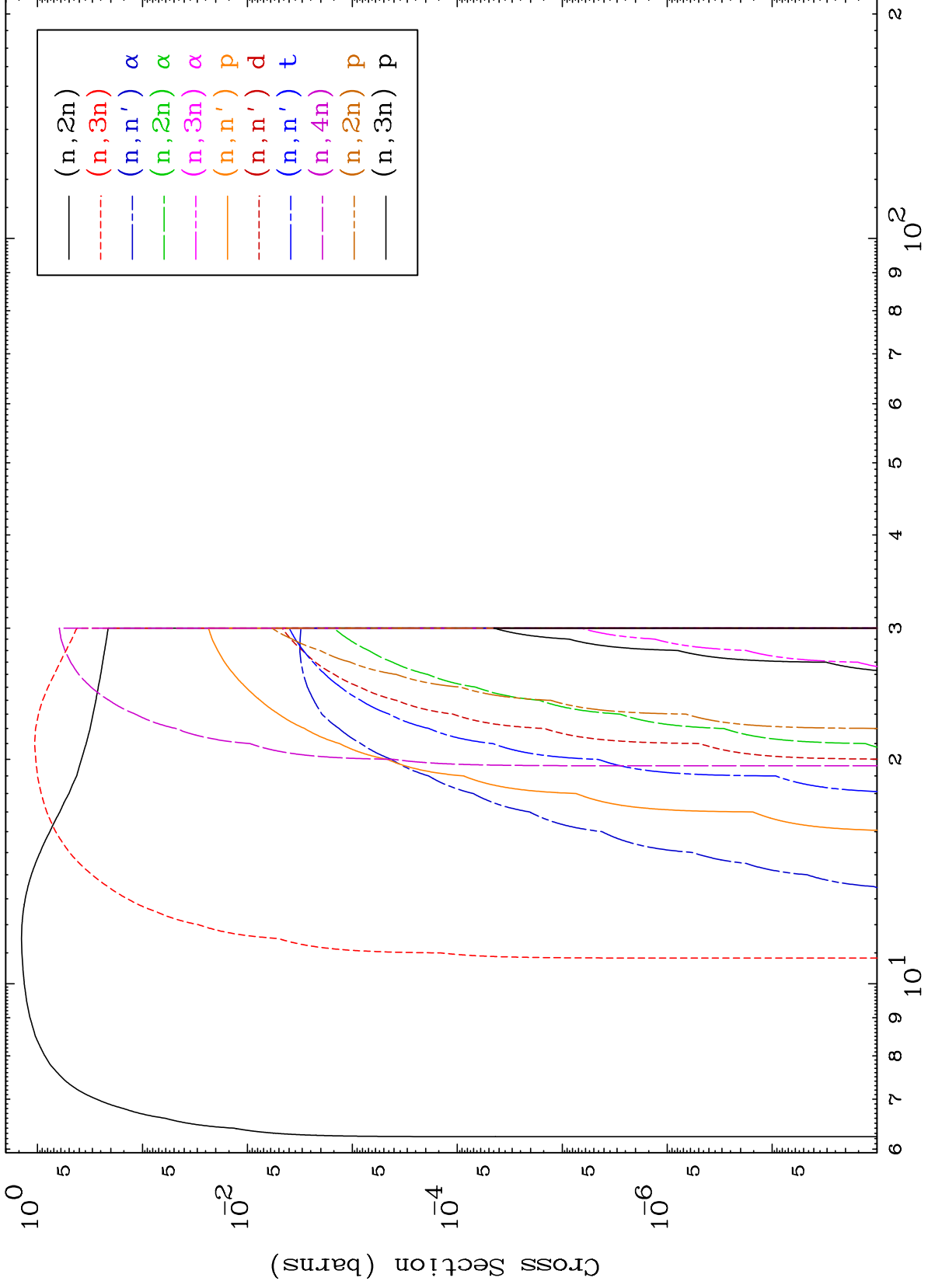
34-Se-86



MAT 3461

Neutron Production
293 Kelvin Cross Sections

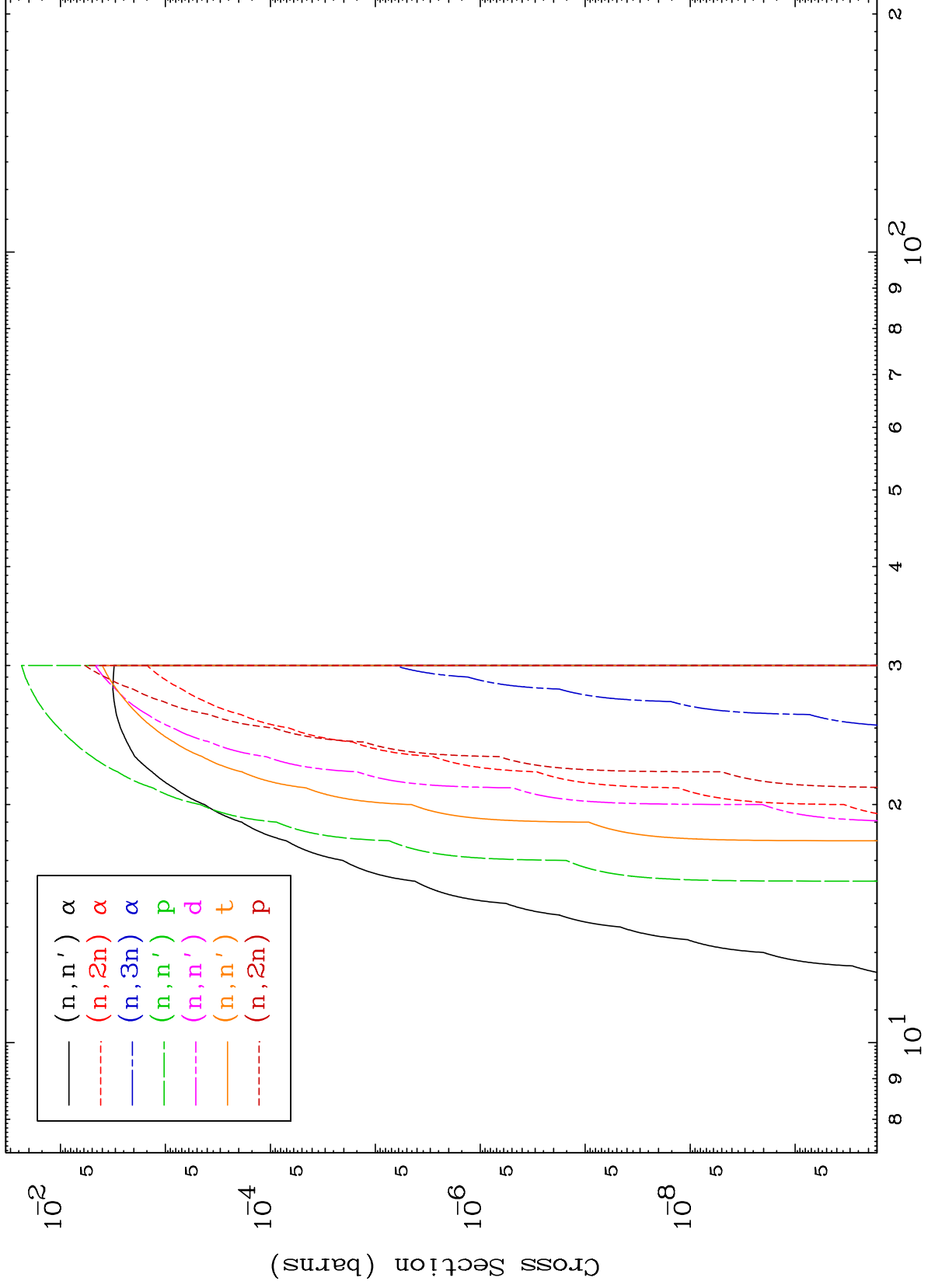
34-Se-86



2

Incident Energy (MeV)

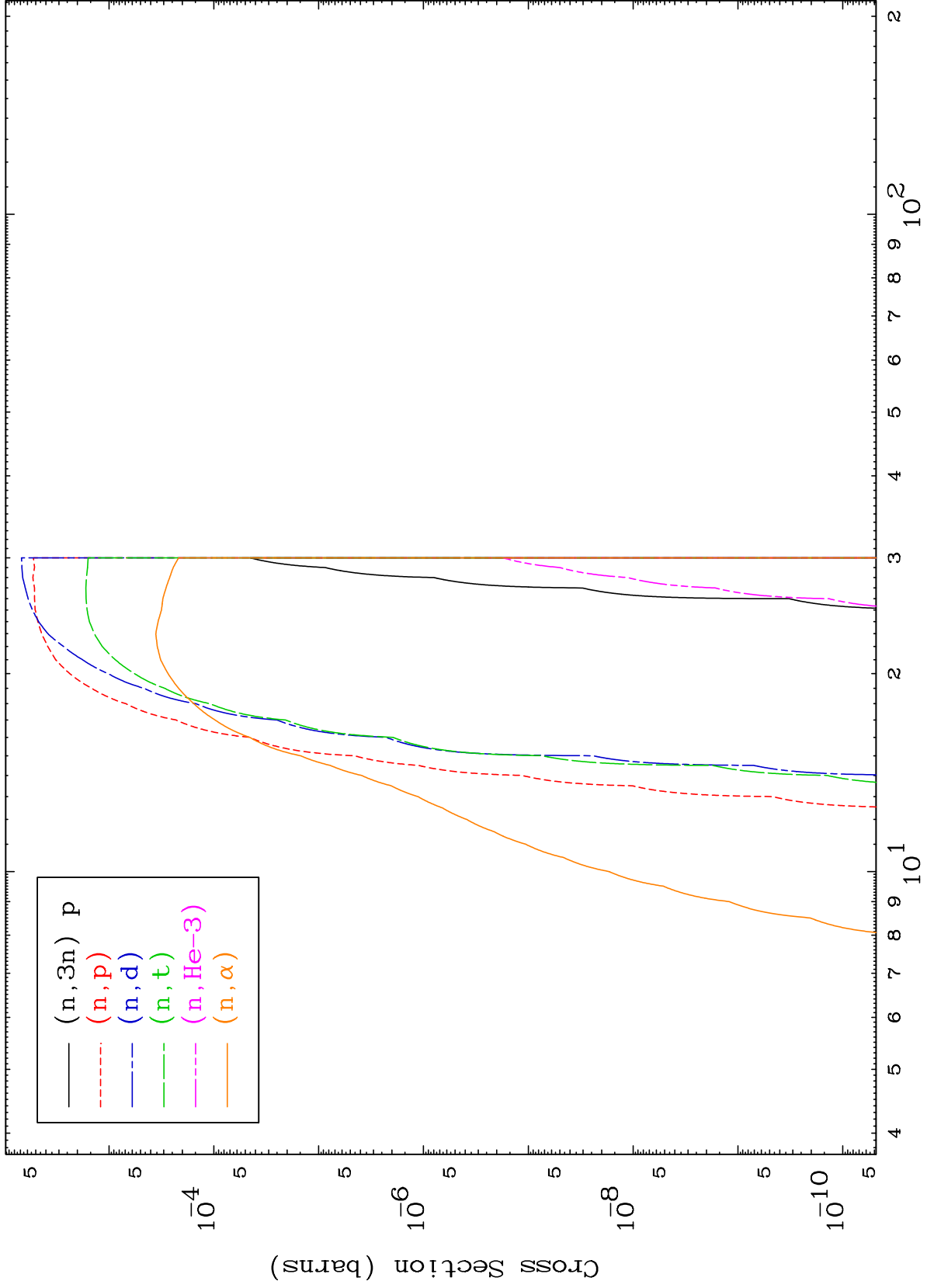
34-Se-86



MAT 3461

Charged Particle
293 Kelvin Cross Sections

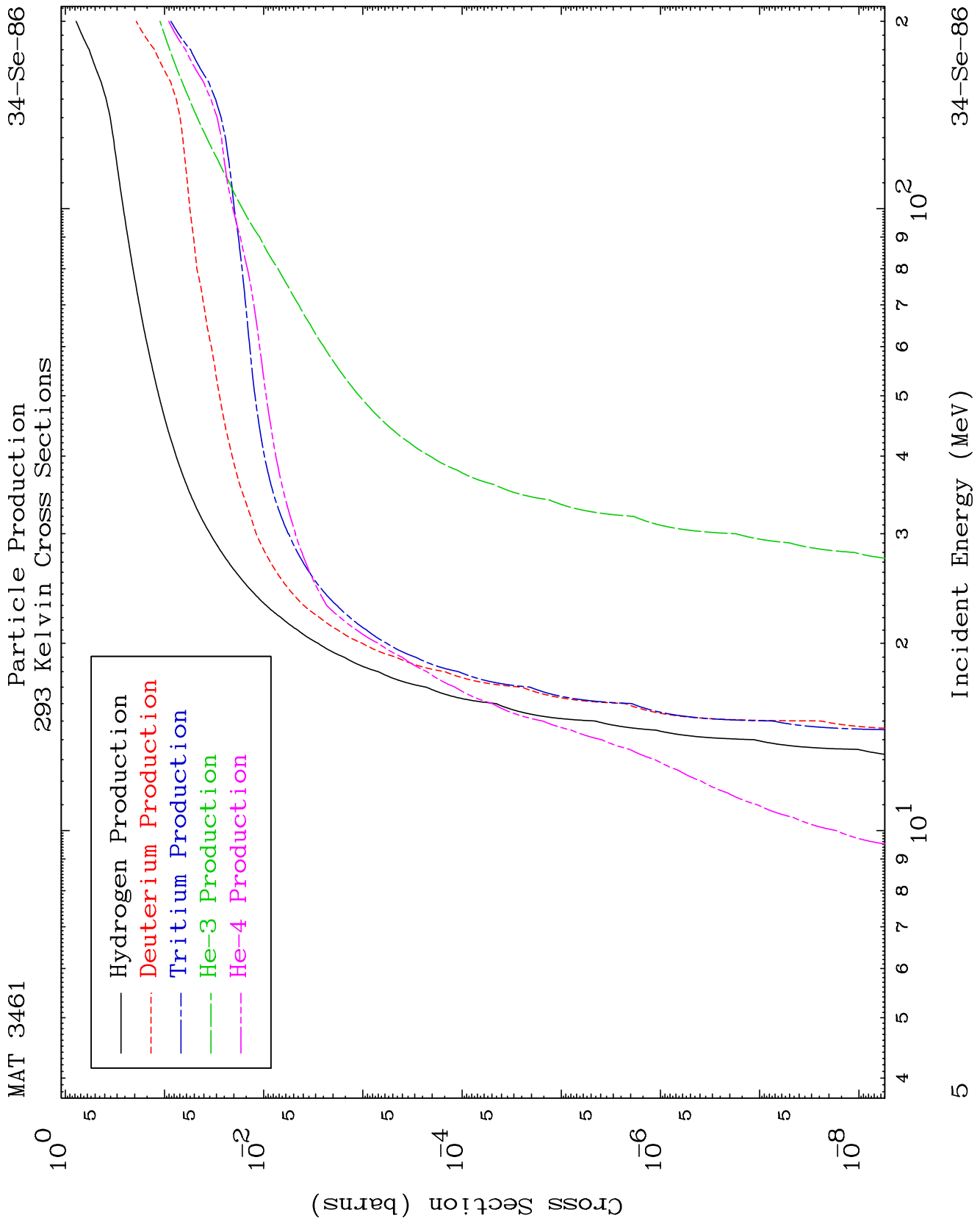
³⁴Se-86



4

Incident Energy (MeV)

³⁴Se-86

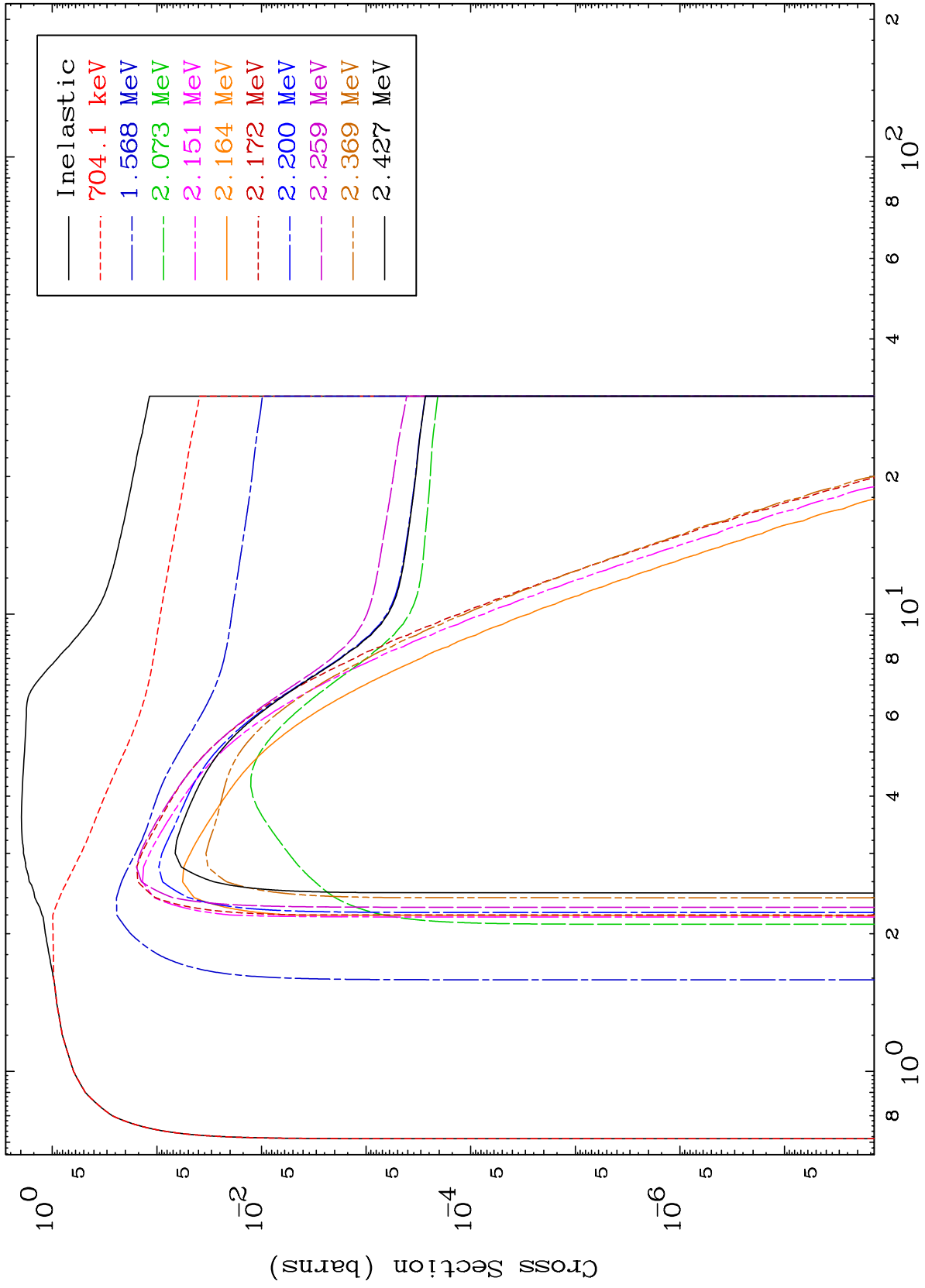


MAT 3461

(n,n') Level

34-Se-86

293 Kelvin Cross Sections



6

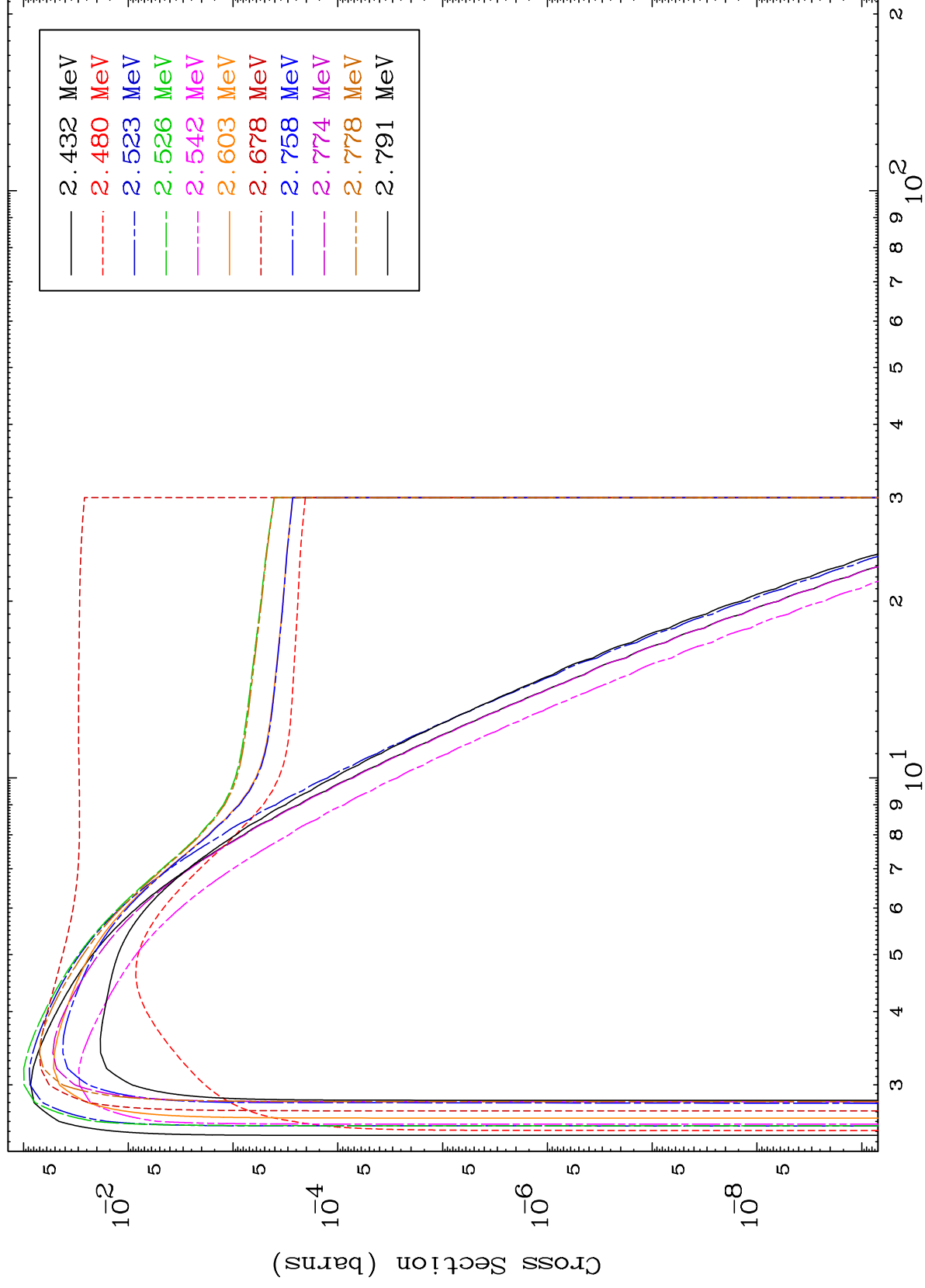
Incident Energy (MeV)

34-Se-86

MAT 3461

(n,n') Level
293 Kelvin Cross Sections

³⁴Se-86



7

Incident Energy (MeV)

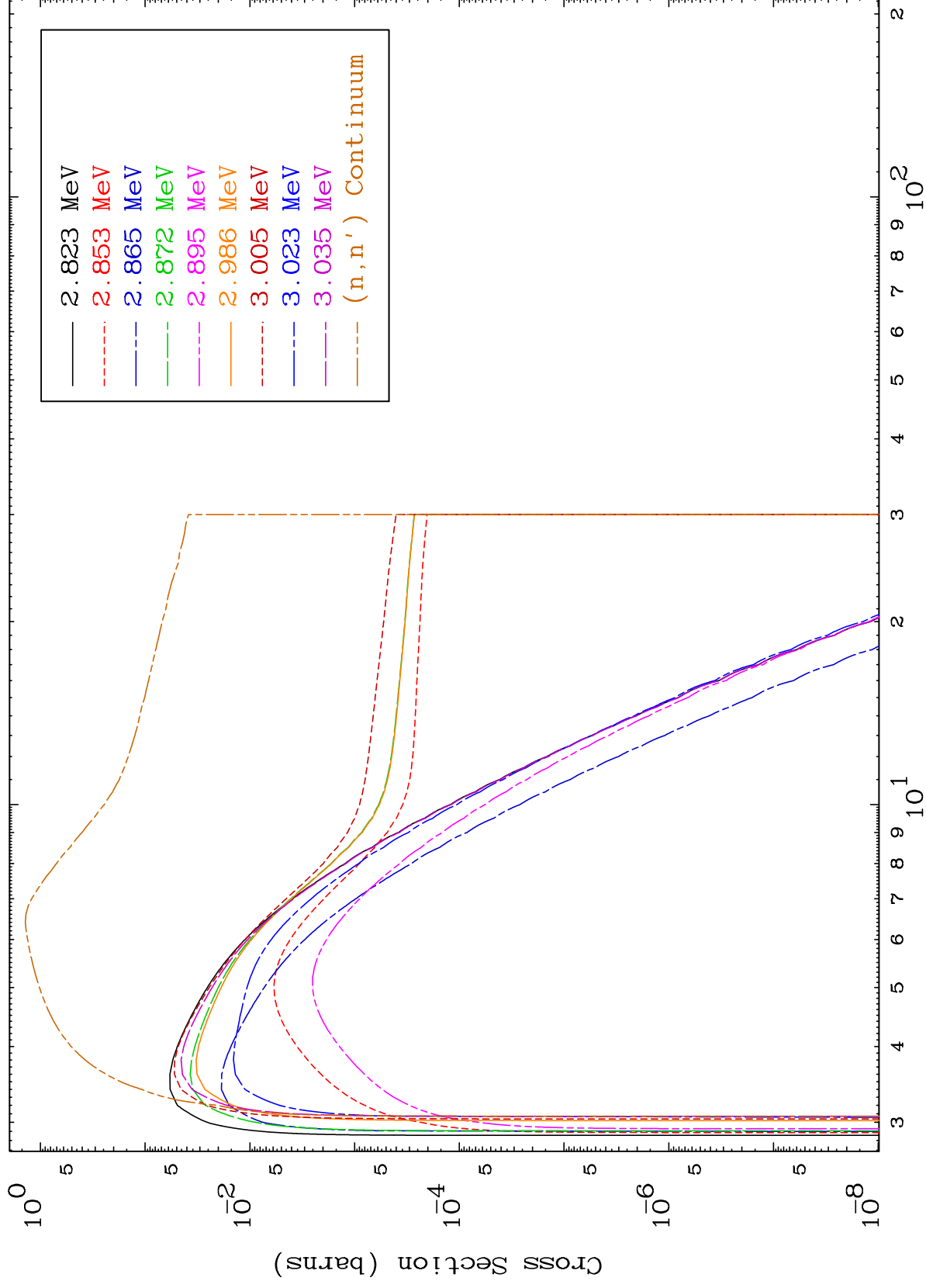
³⁴Se-86

MAT 3461

(n,n') Level

34-Se-86

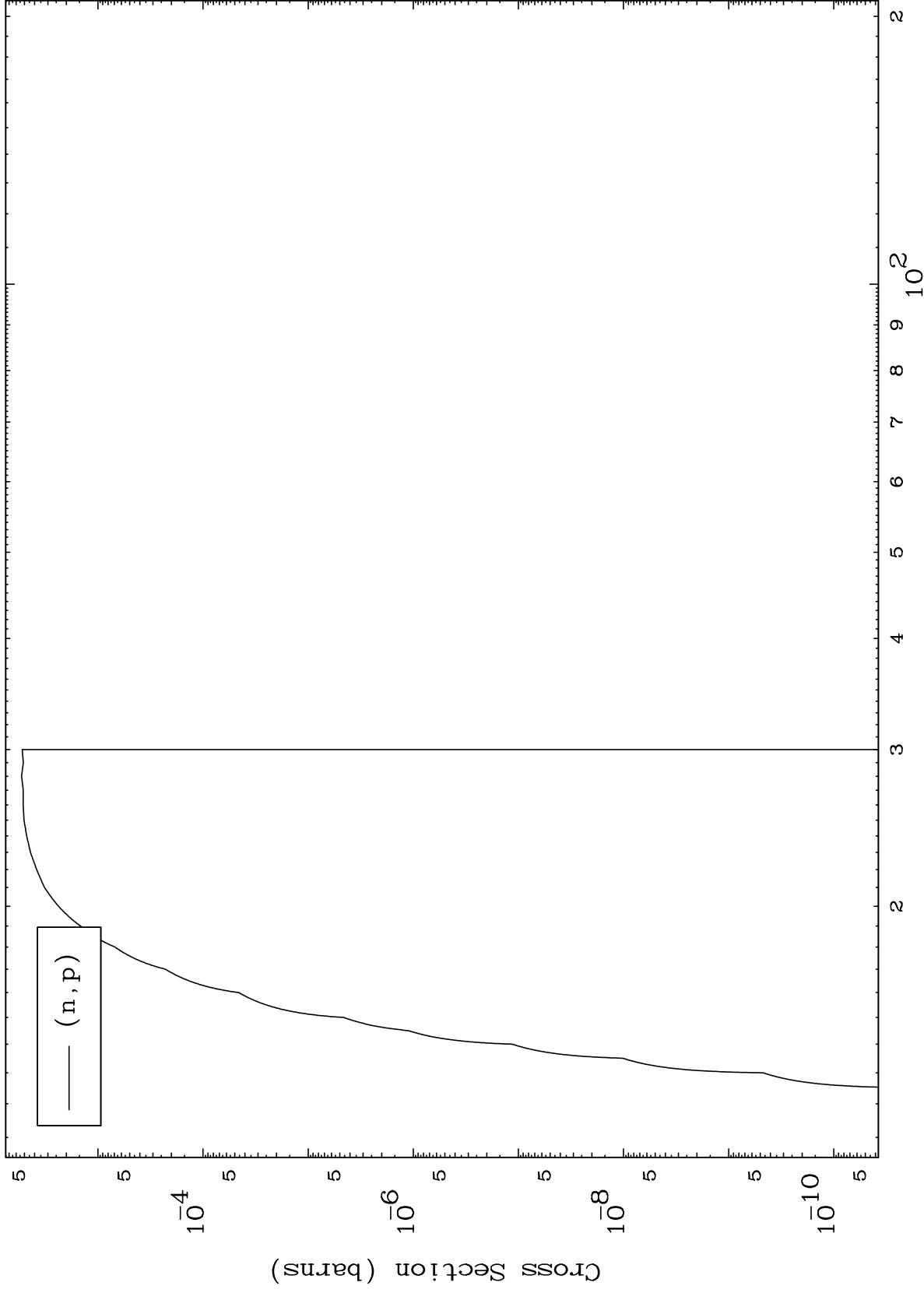
293 Kelvin Cross Sections



8

Incident Energy (MeV)

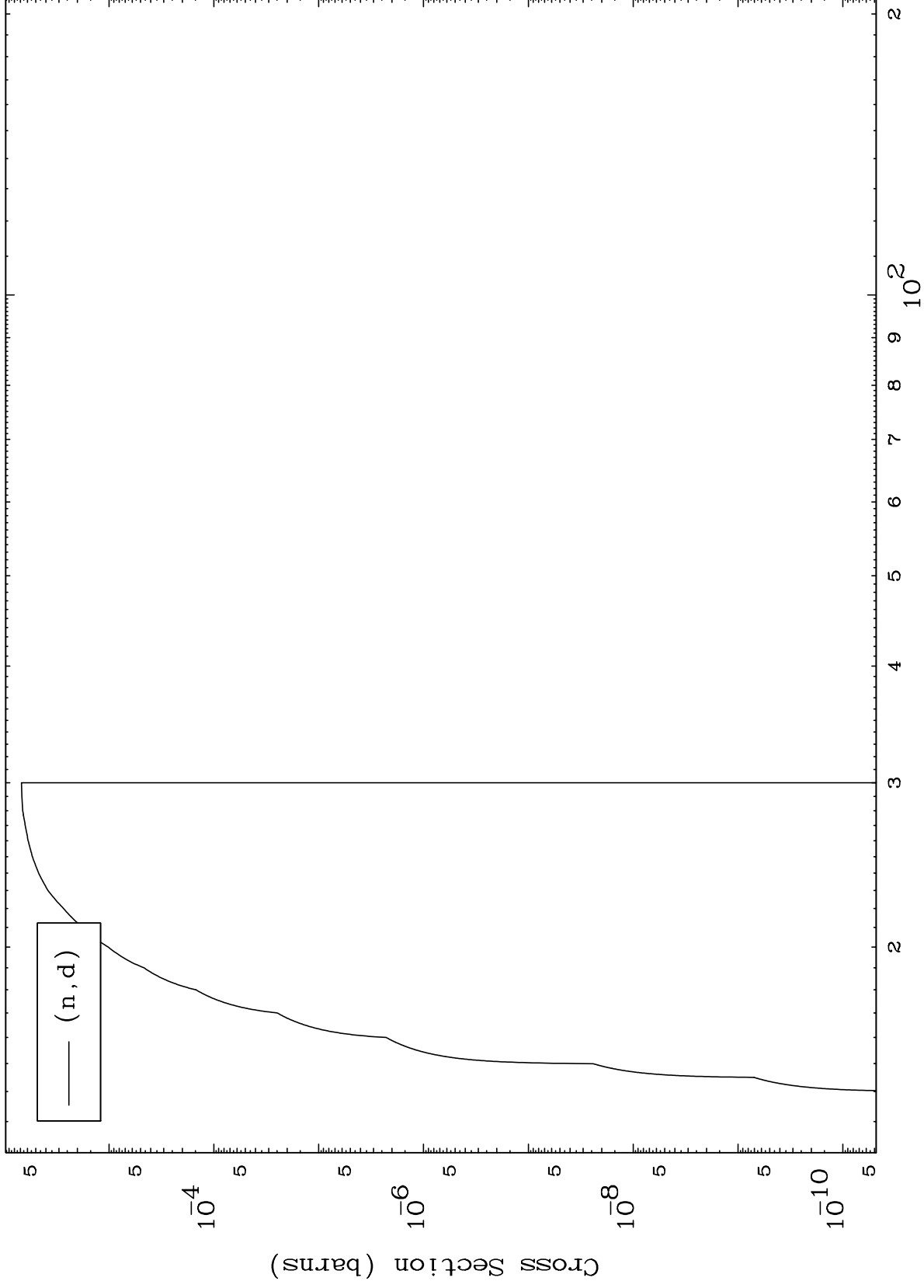
34-Se-86



MAT 3461

(n,d) Levels
293 Kelvin Cross Sections

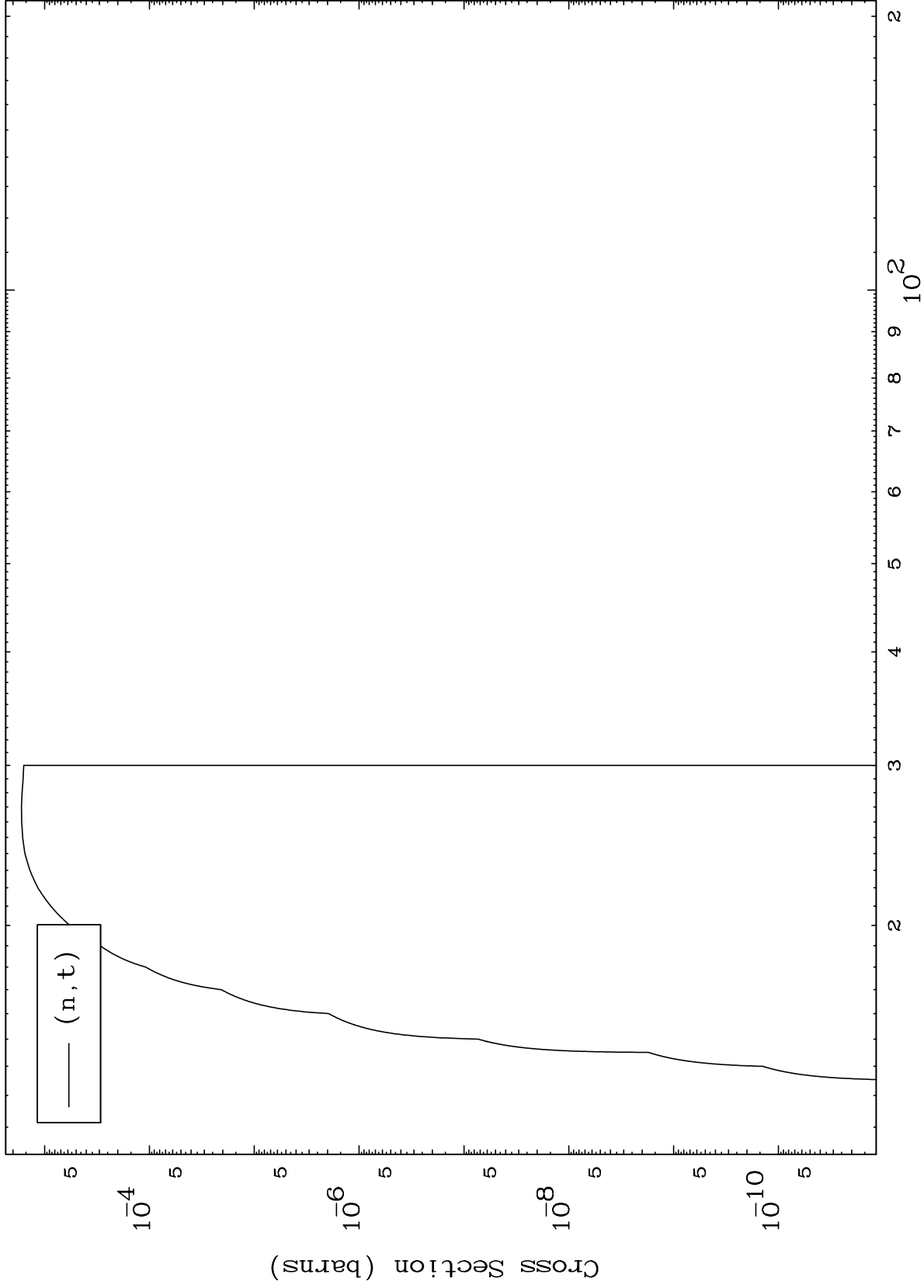
³⁴Se-86



10

Incident Energy (MeV)

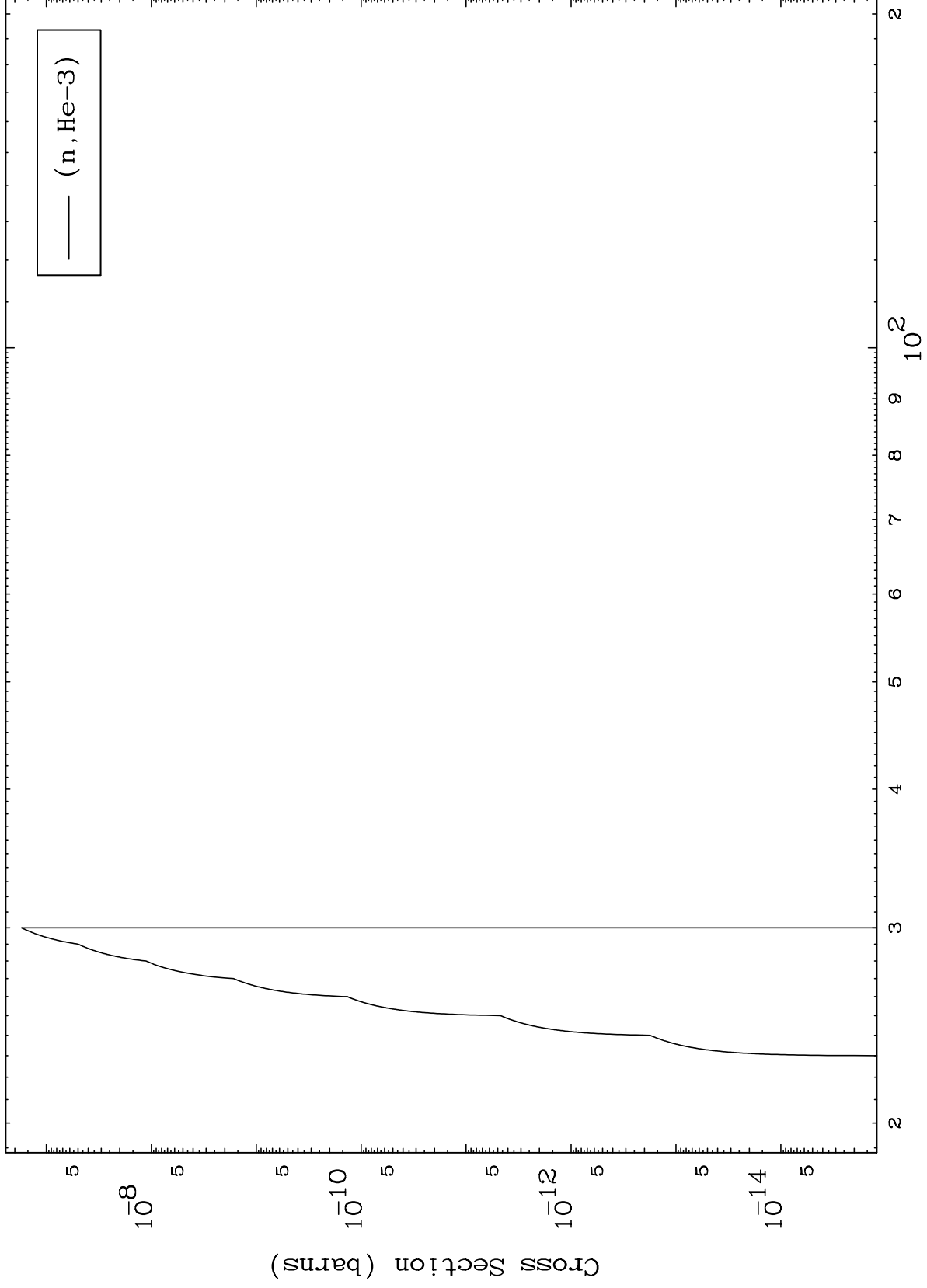
³⁴Se-86



MAT 3461

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-86



12

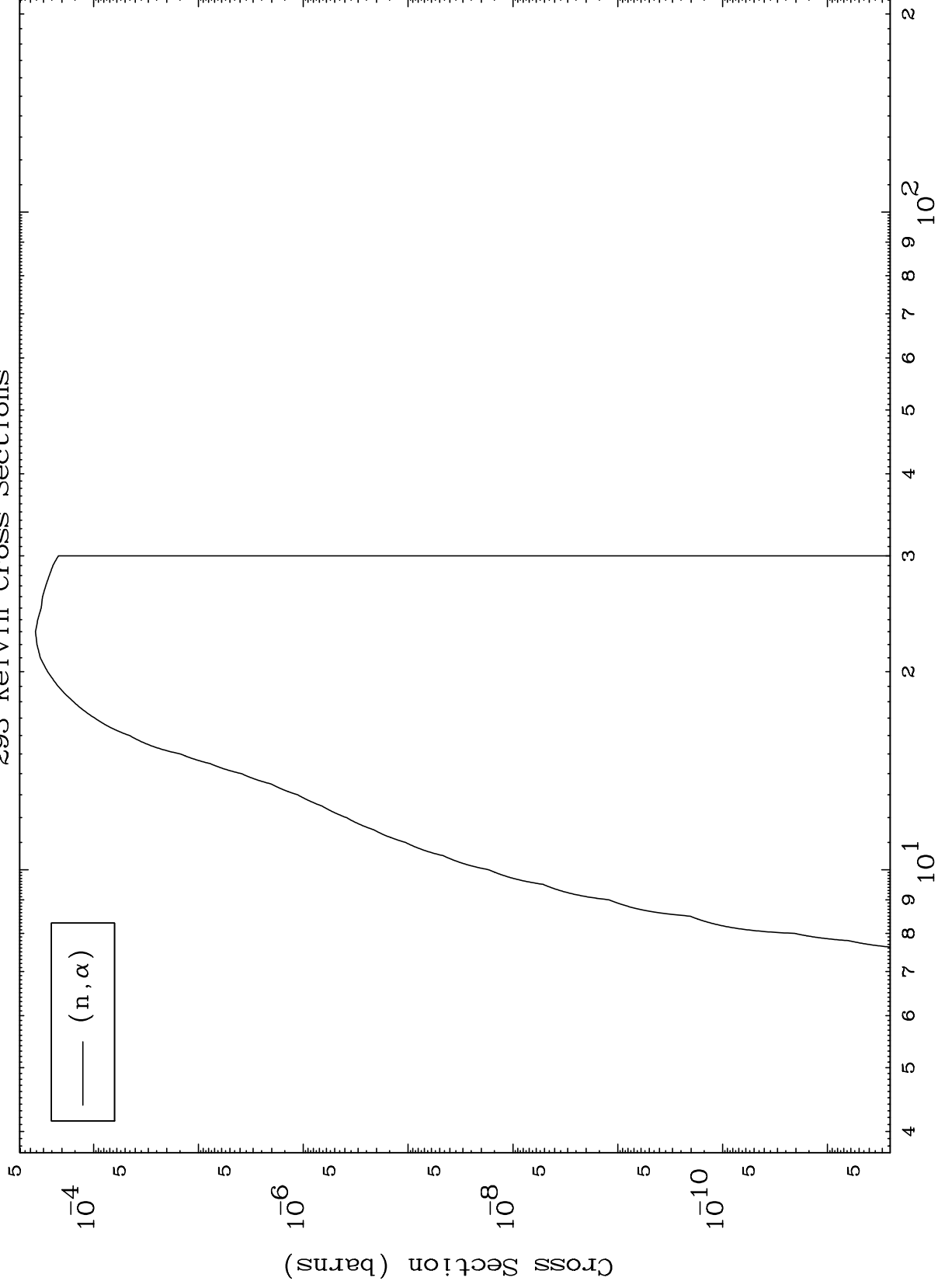
Incident Energy (MeV)

34-Se-86

MAT 3461

(n, α) Levels
293 Kelvin Cross Sections

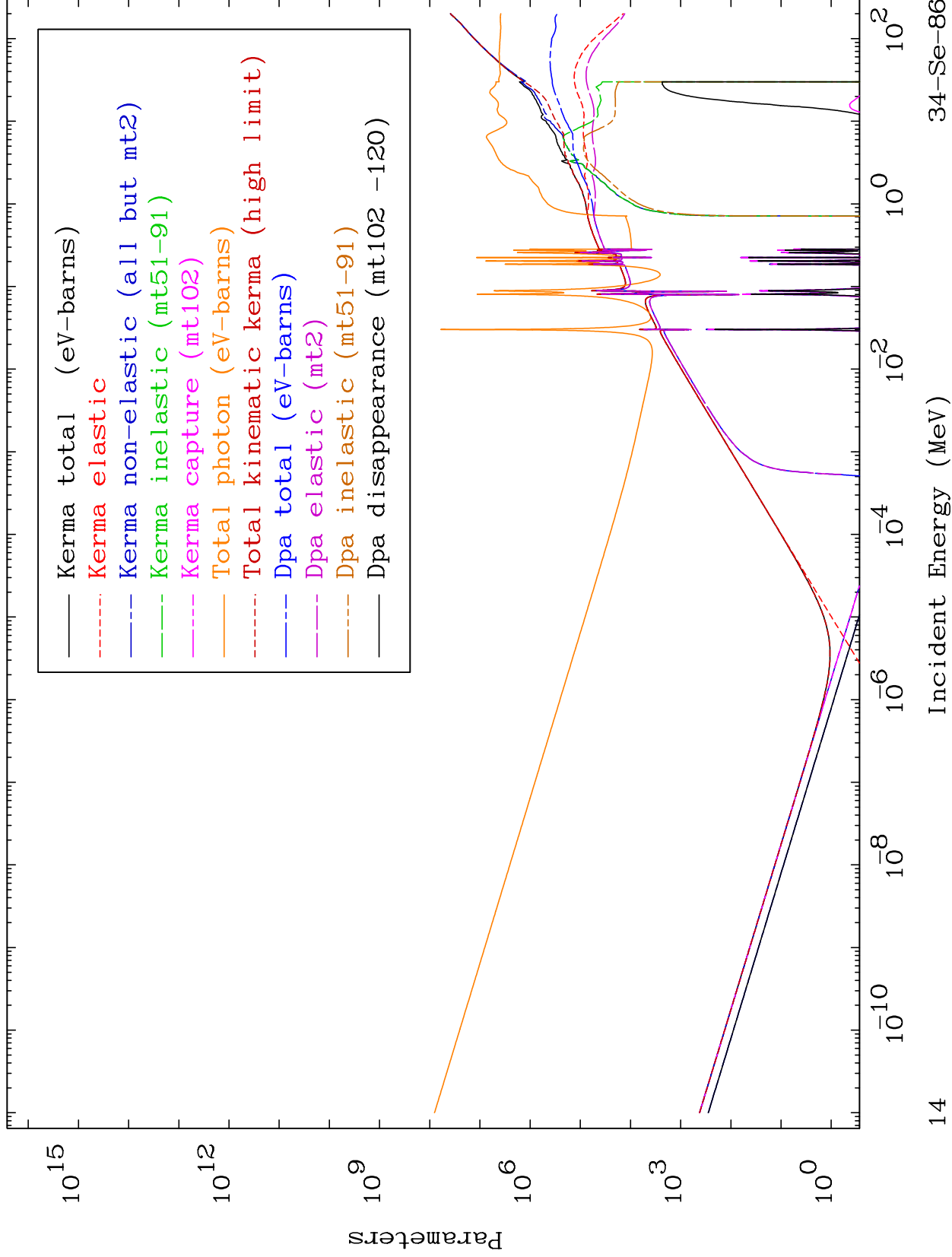
³⁴Se-86



13

Incident Energy (MeV)

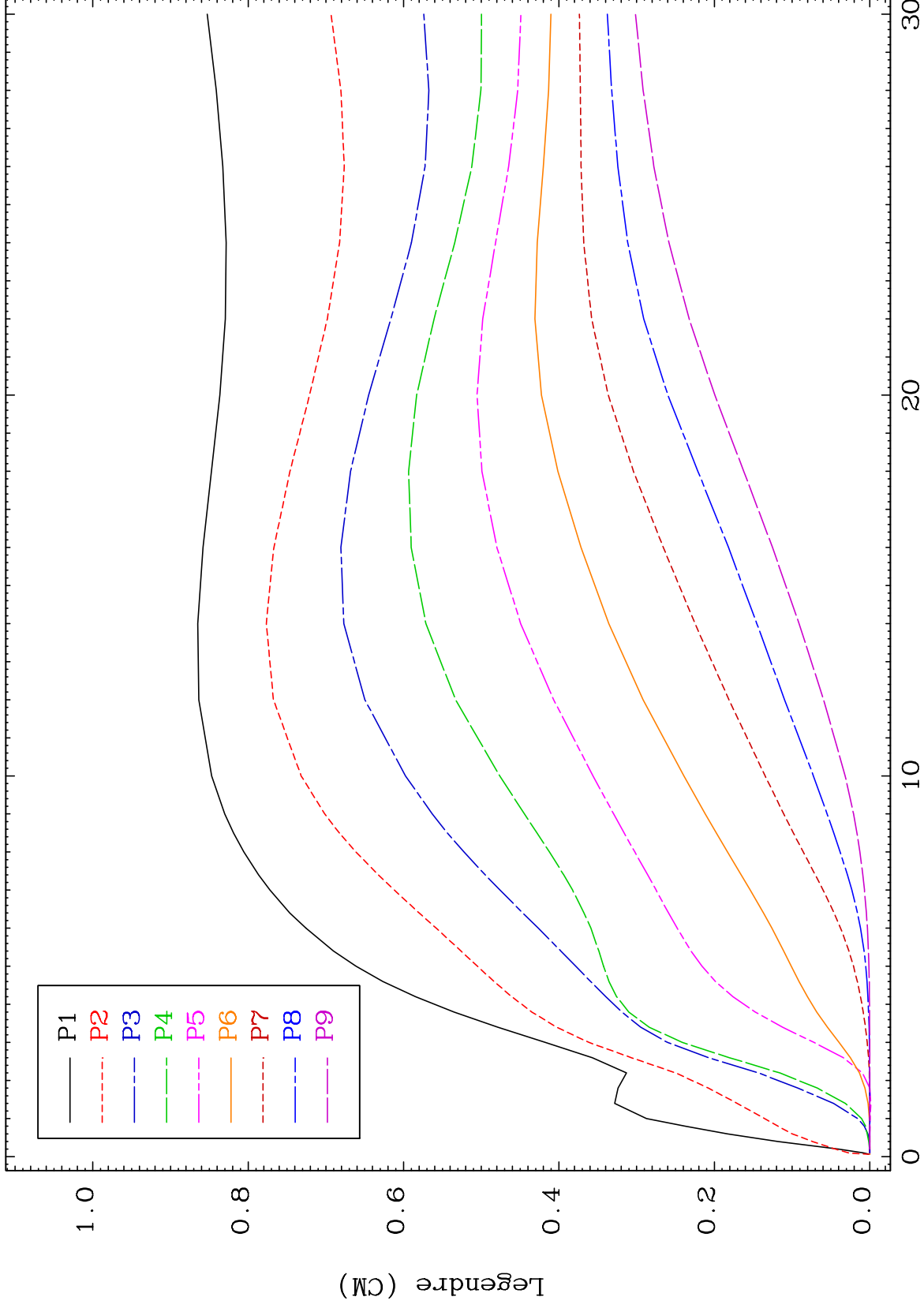
³⁴Se-86



MAT 3461

Elastic Legendre Coefficients

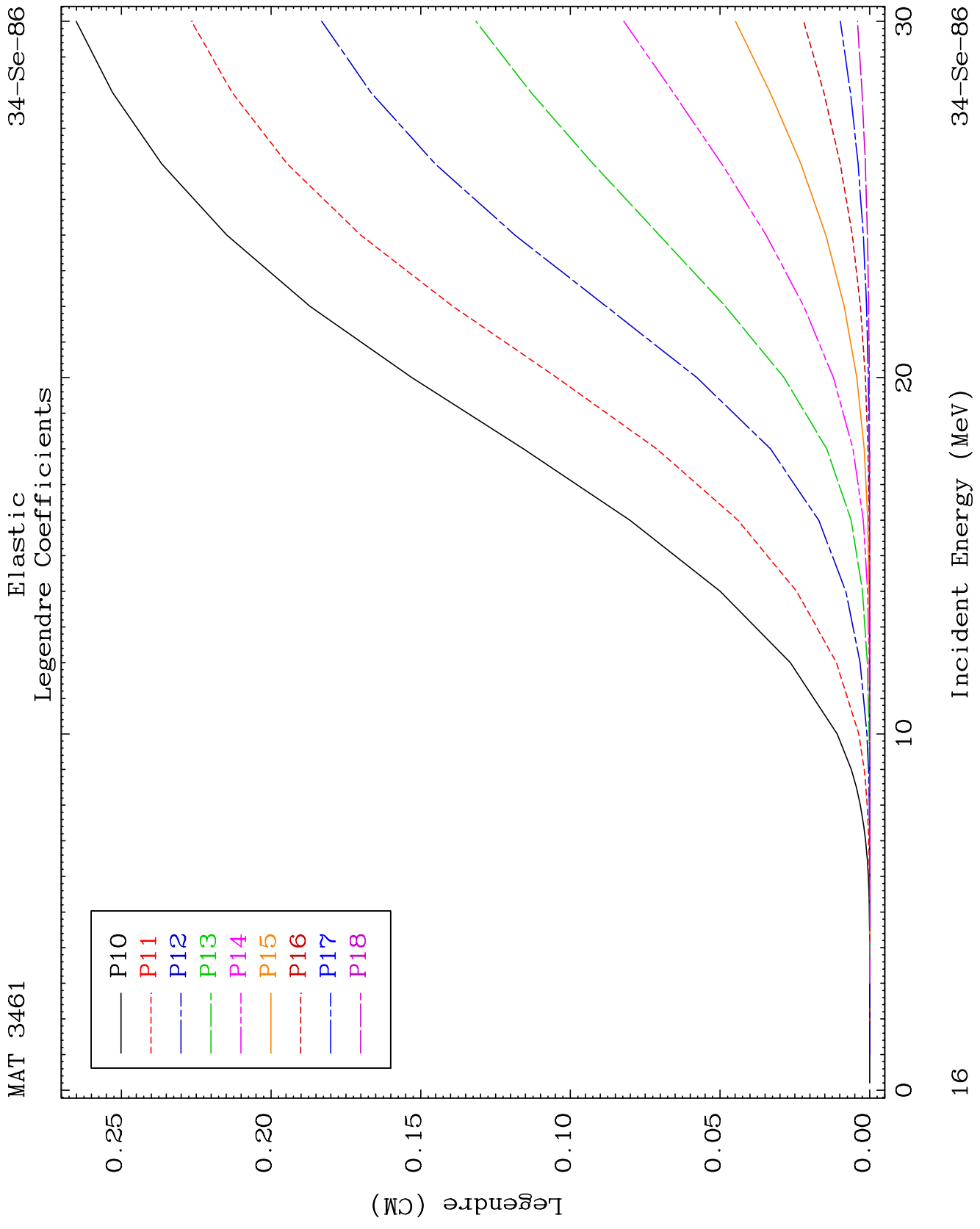
³⁴Se-86



15

Incident Energy (MeV)

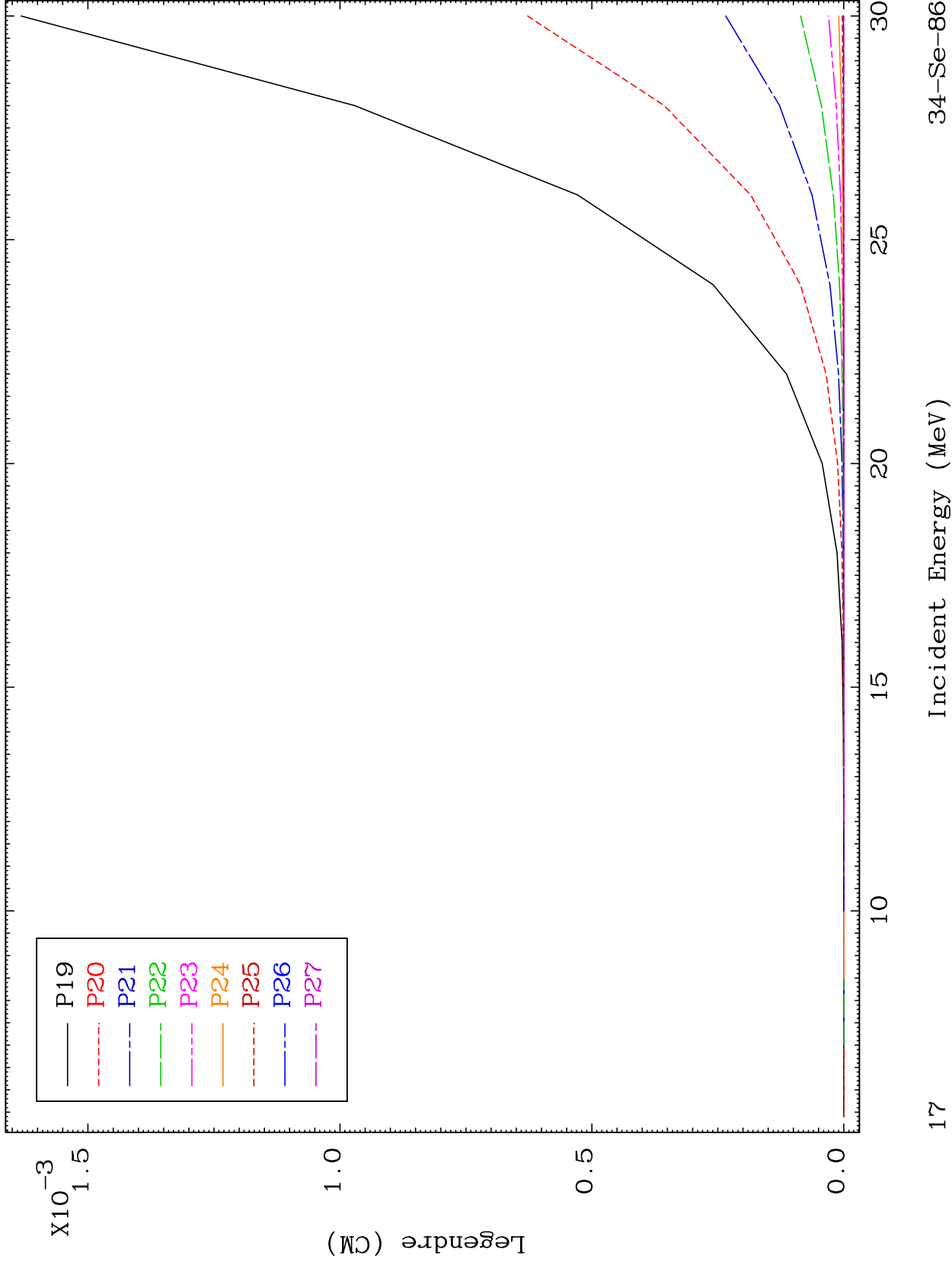
³⁴Se-86



MAT 3461

Elastic Legendre Coefficients

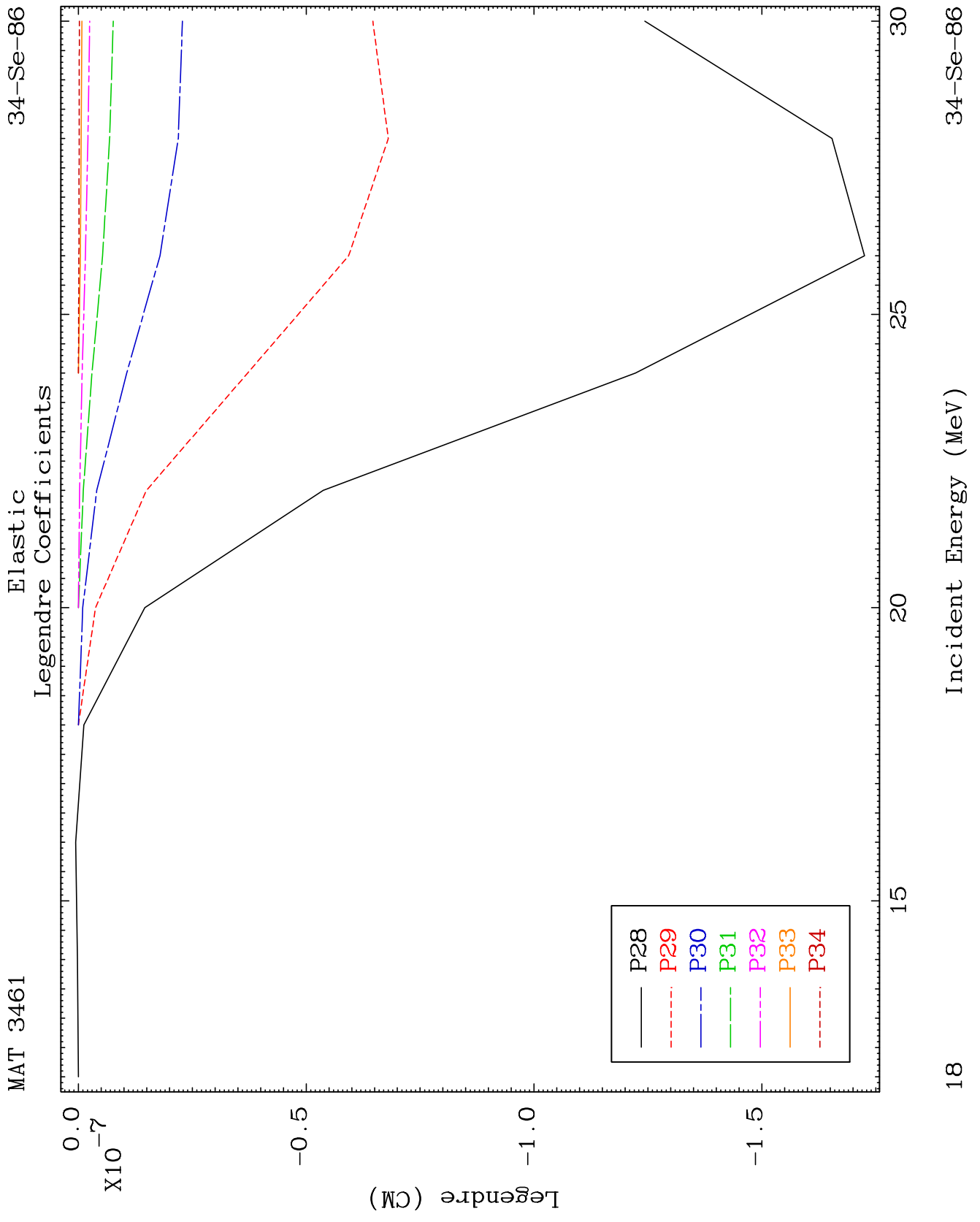
³⁴Se-86



17

Incident Energy (MeV)

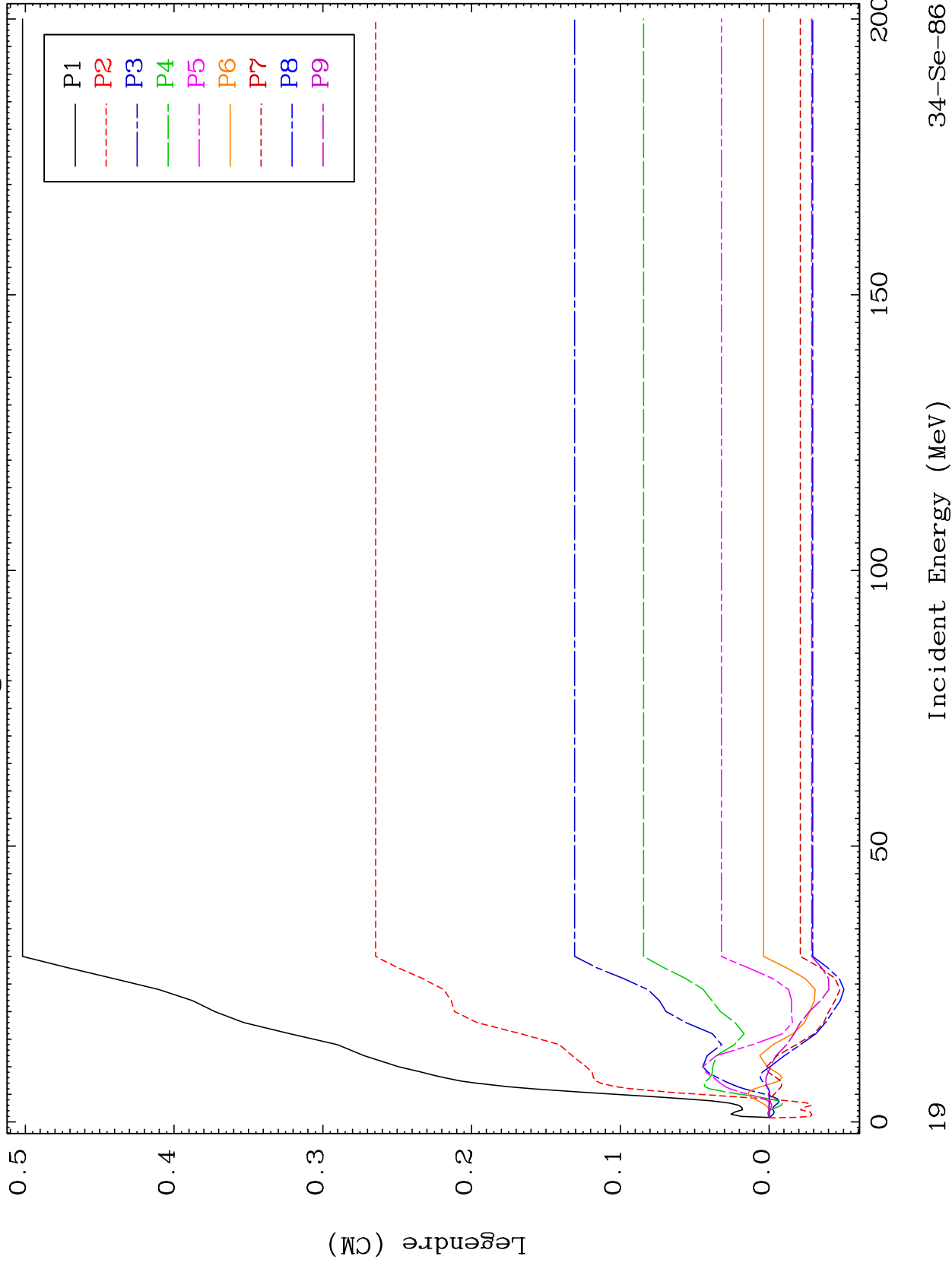
³⁴Se-86



MAT 3461

704.1 keV (n,n') Level
Legendre Coefficients

³⁴Se-86



19

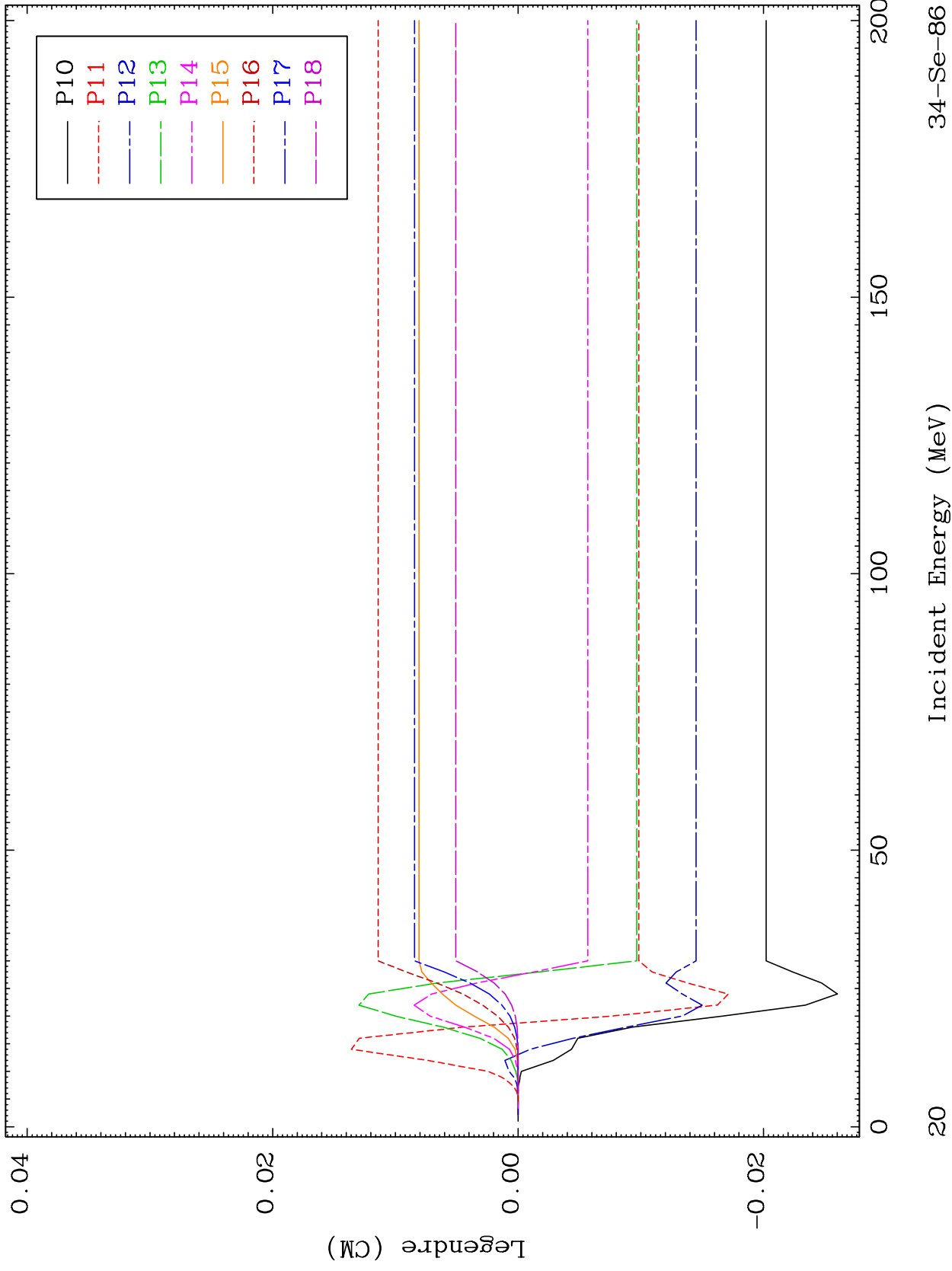
Incident Energy (MeV)

³⁴Se-86

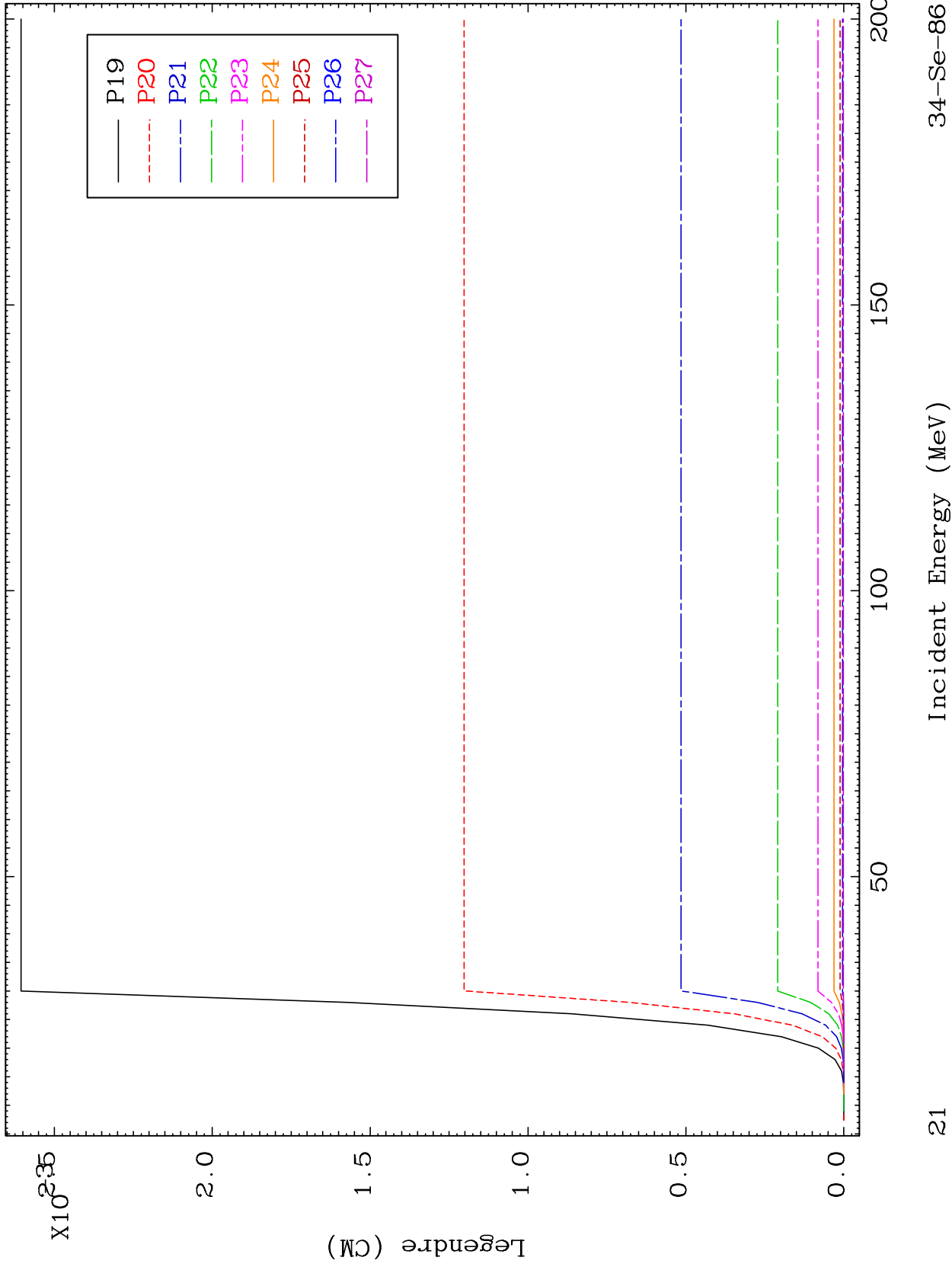
MAT 3461

704.1 keV (n,n') Level
Legendre Coefficients

³⁴Se-86



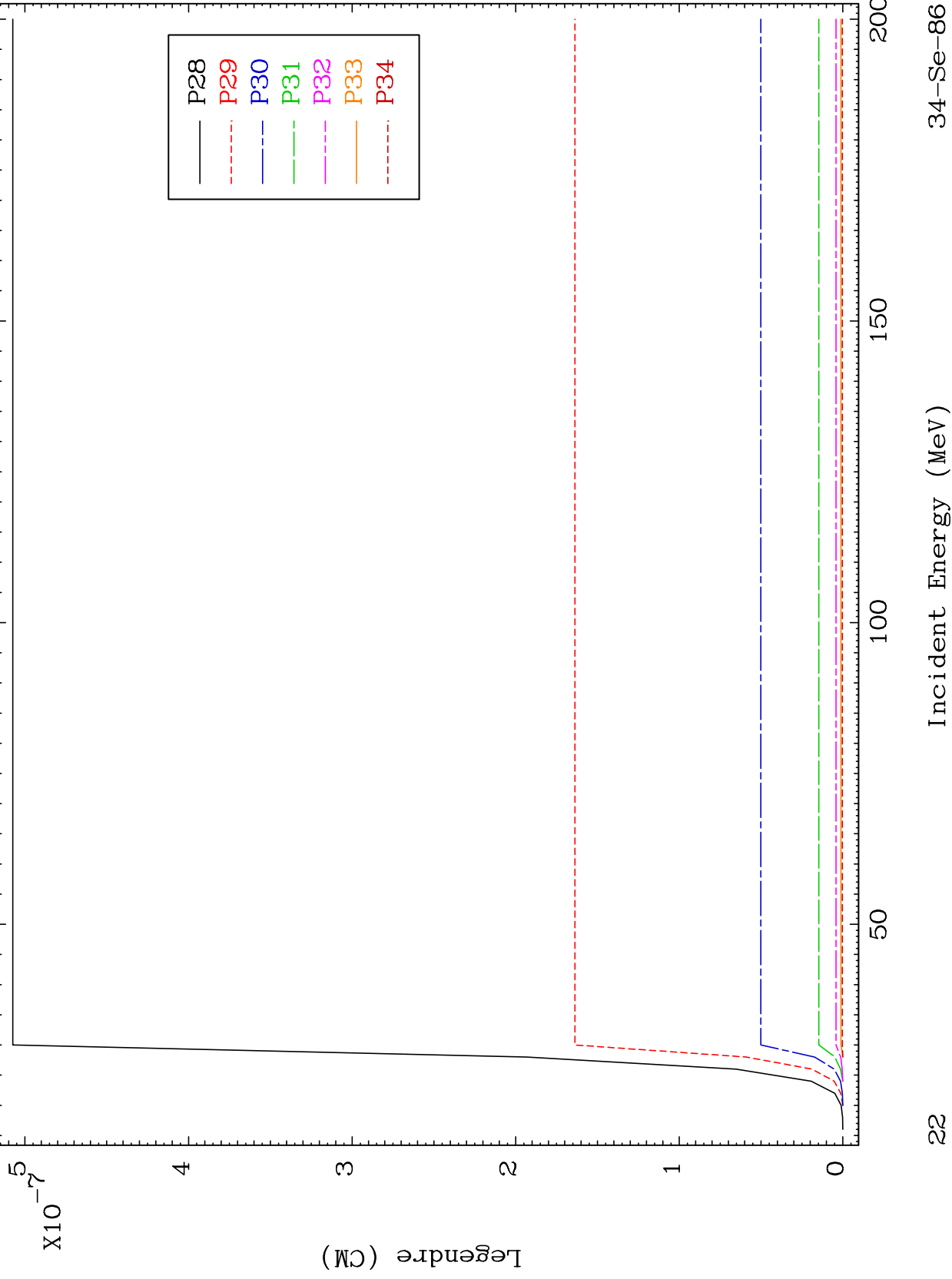
³⁴Se-86



MAT 3461

704.1 keV (n,n') Level
Legendre Coefficients

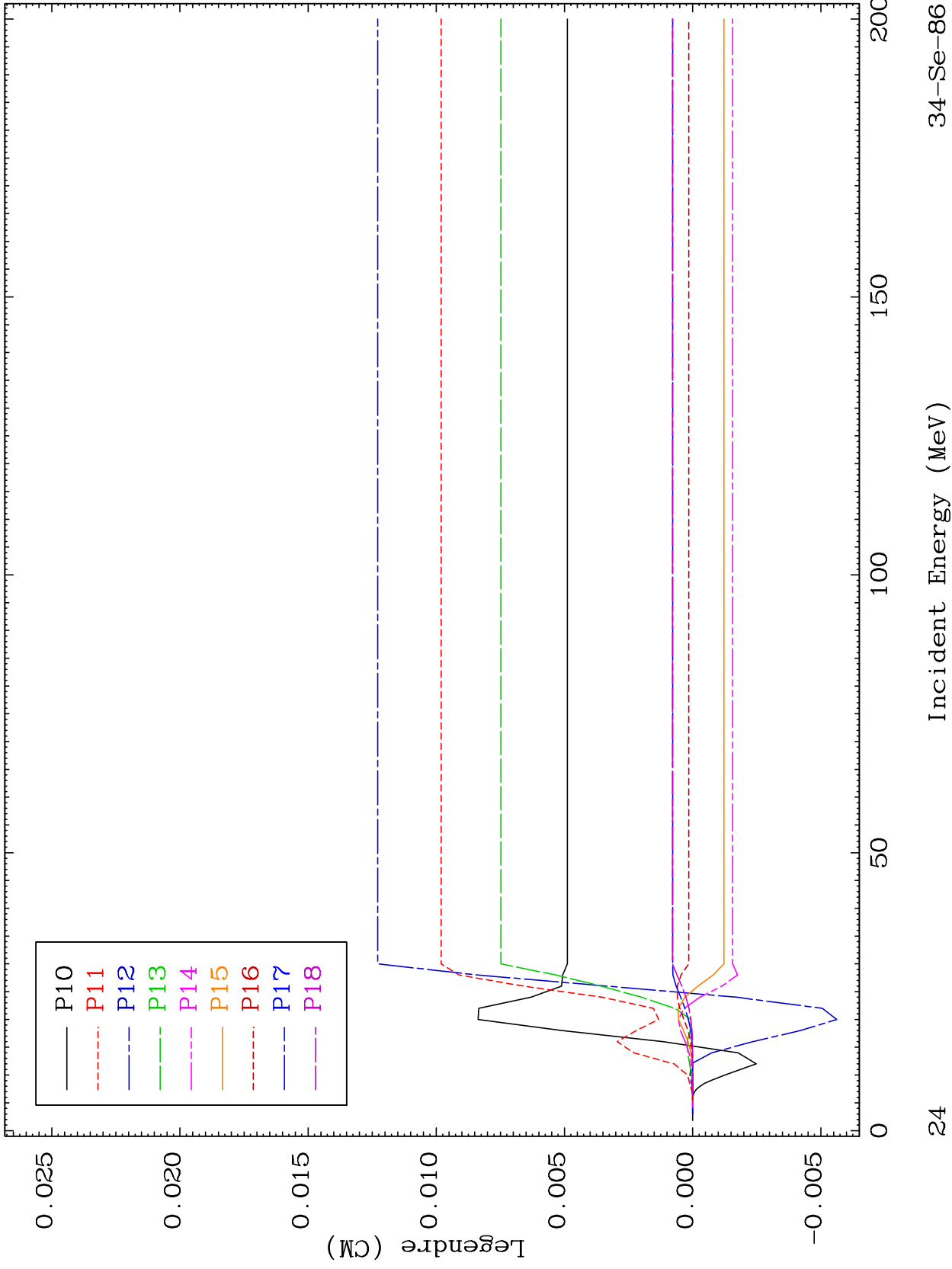
34-Se-86



MAT 3461

1.568 MeV (n,n') Level
Legendre Coefficients

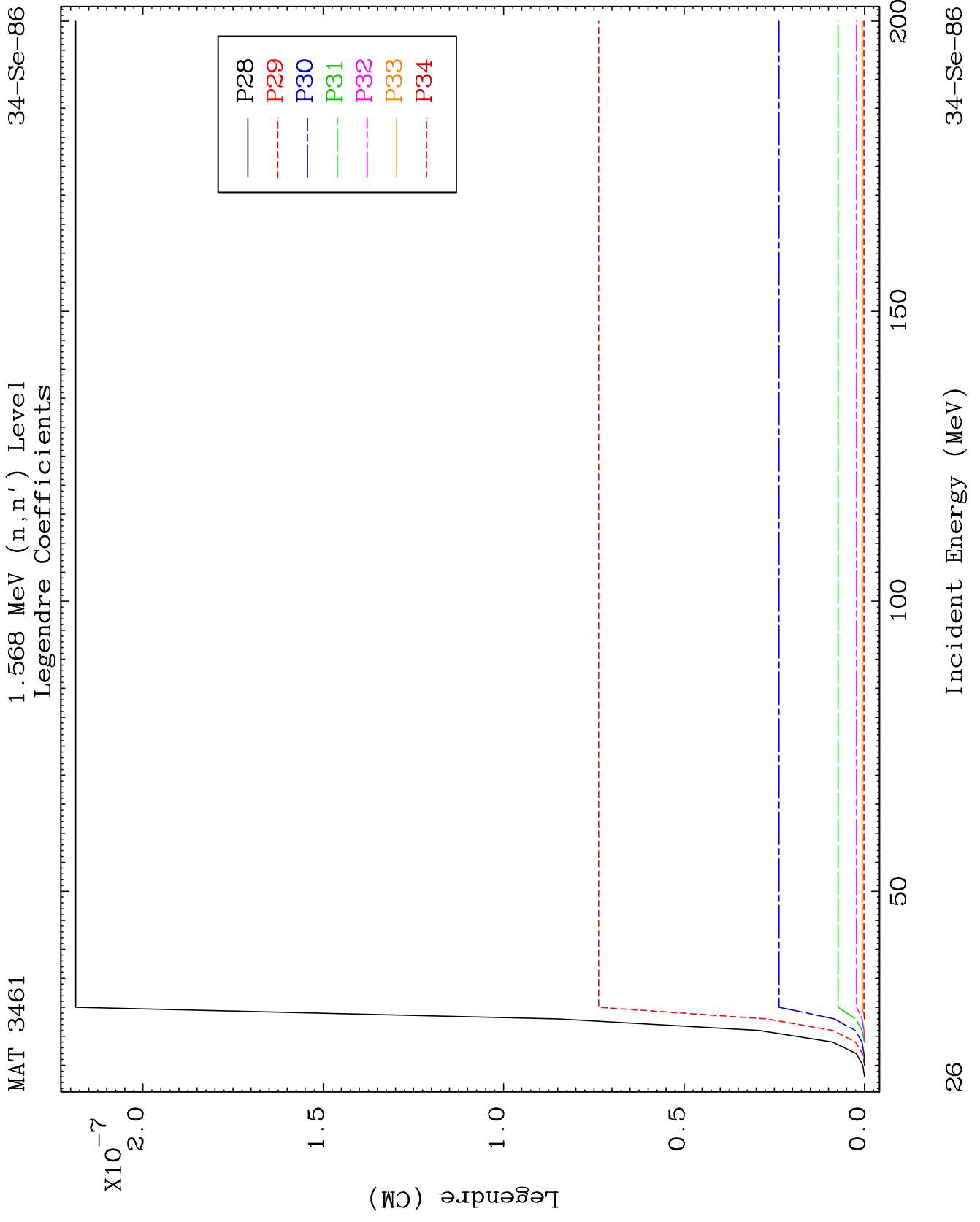
³⁴Se-86



24

Incident Energy (MeV)

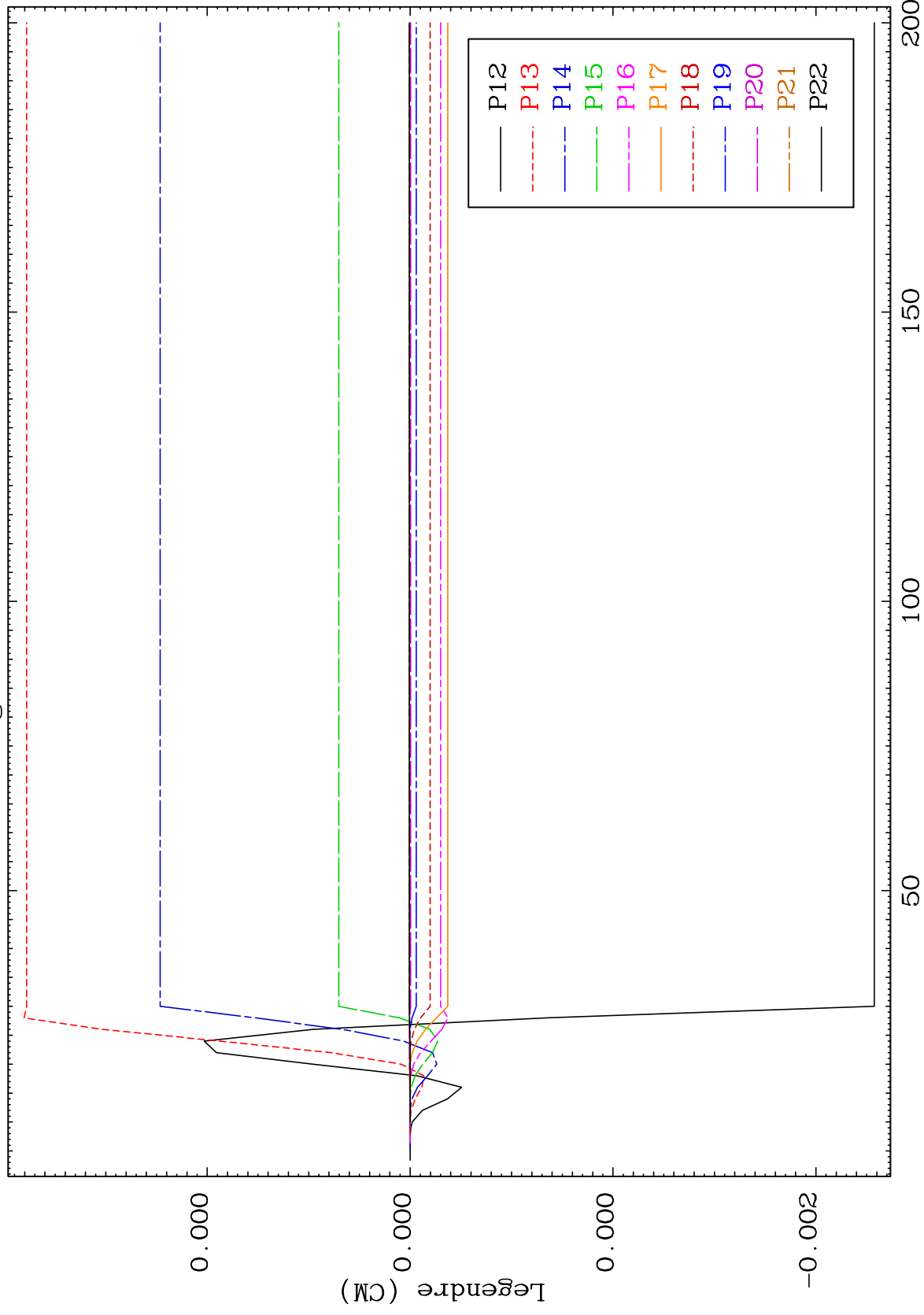
³⁴Se-86



MAT 3461

2.073 MeV (n,n') Level
Legendre Coefficients

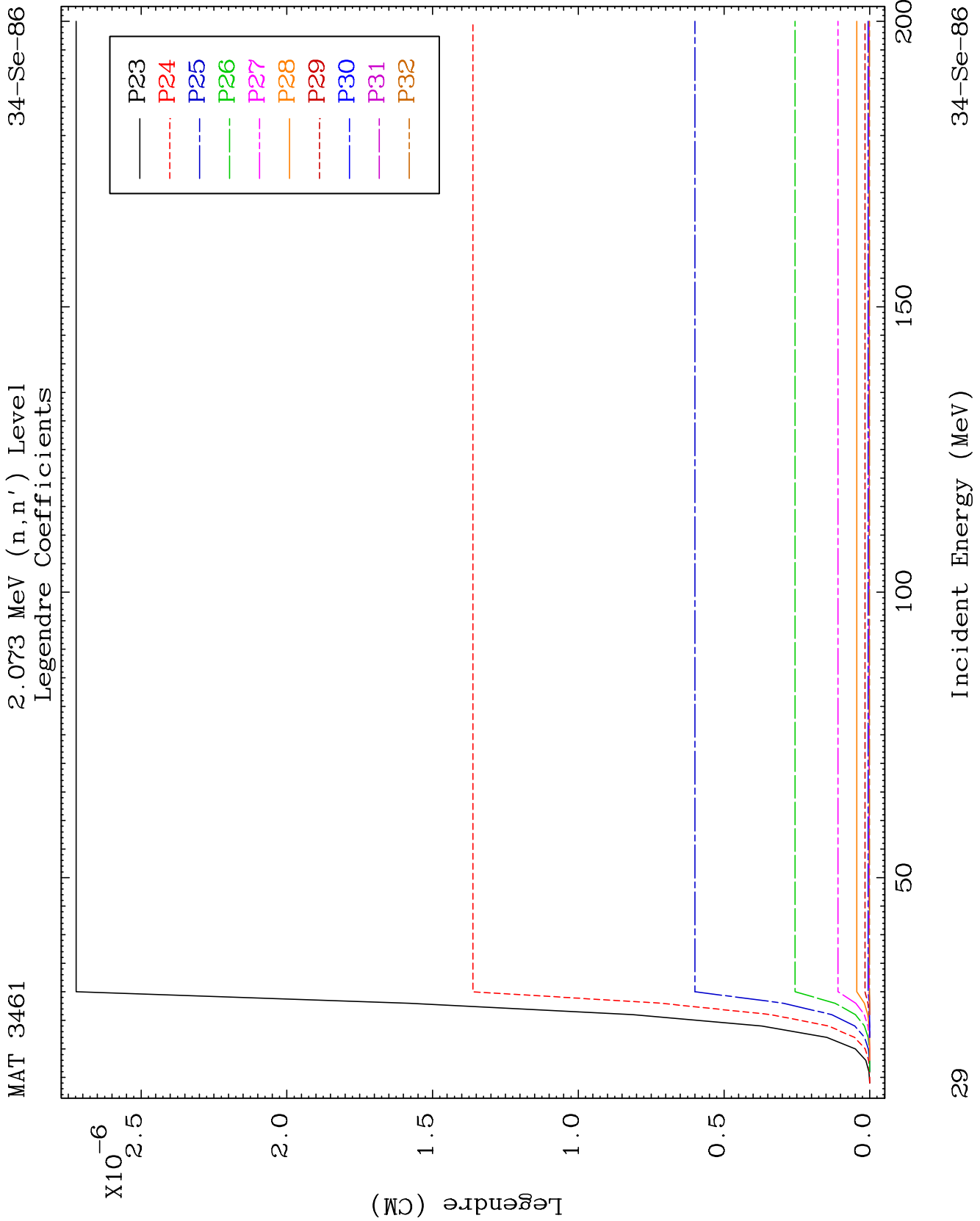
34-Se-86

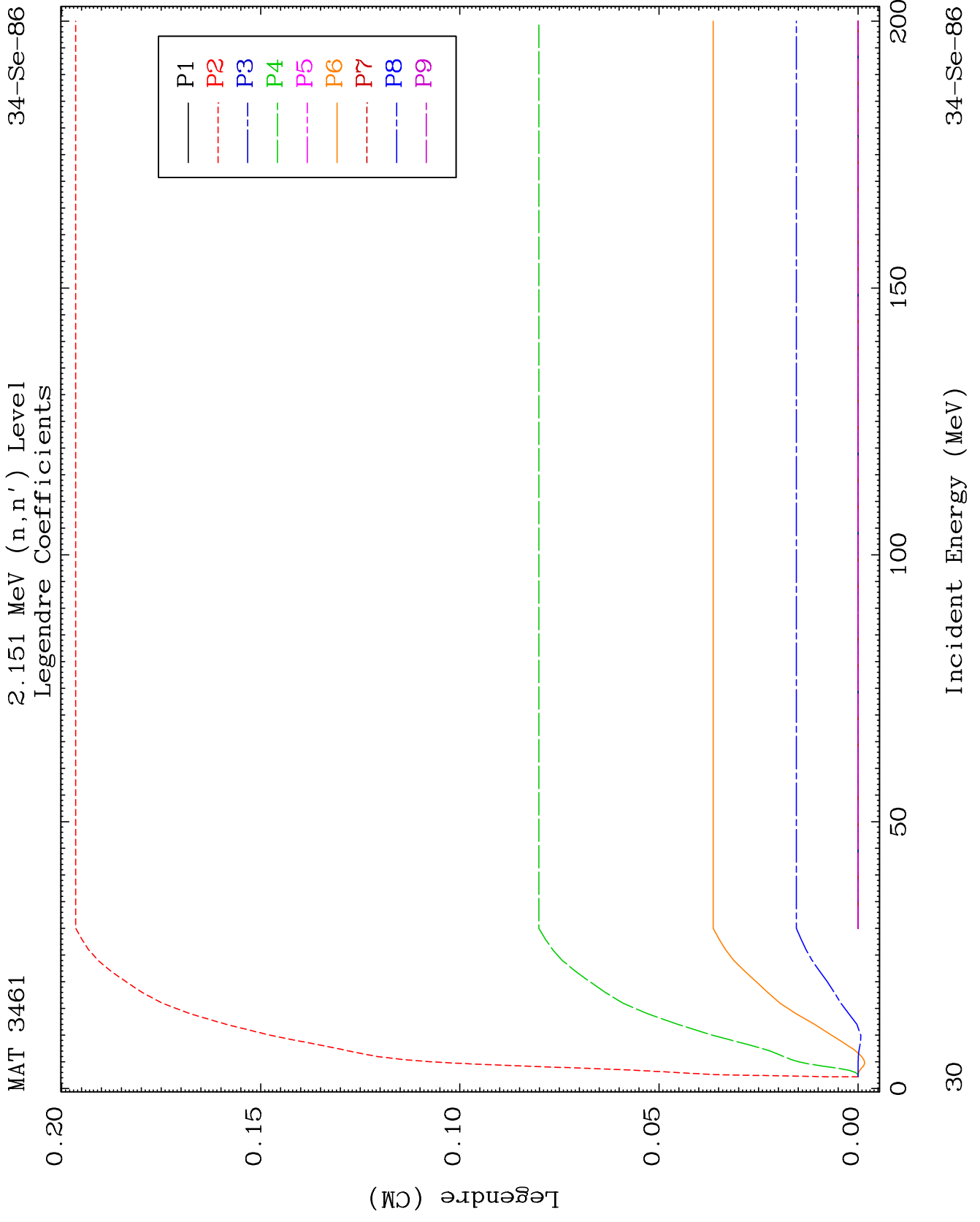


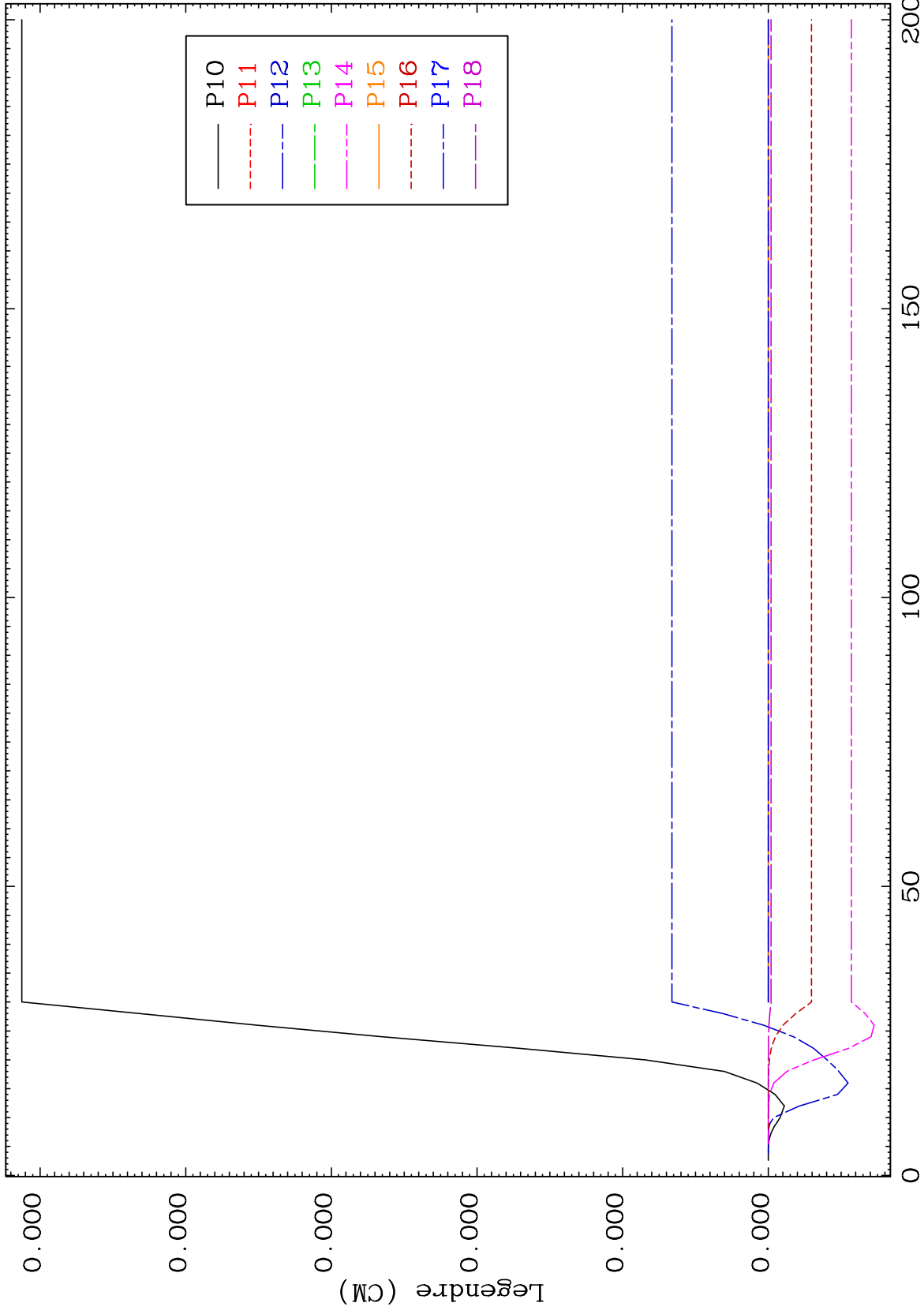
28

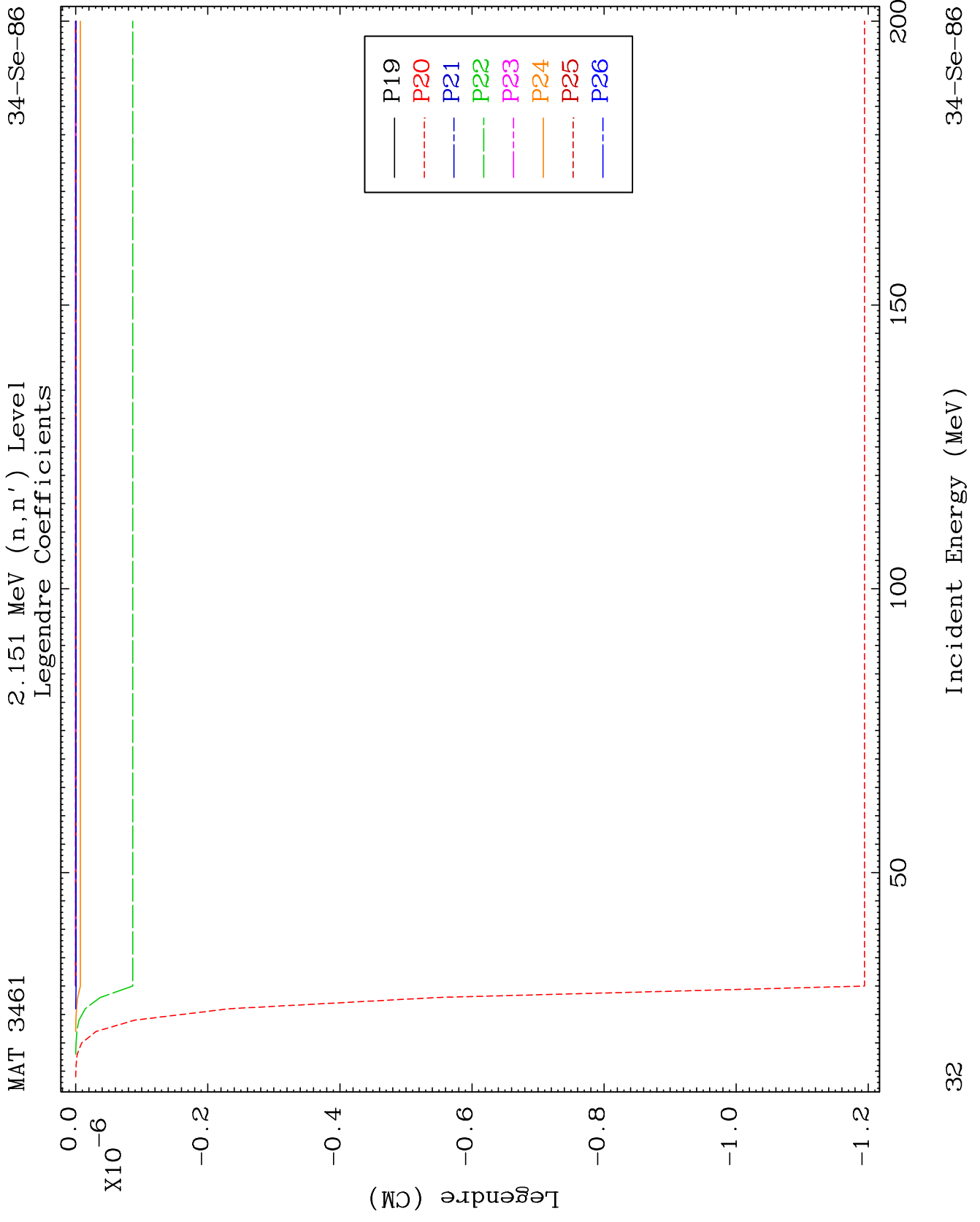
Incident Energy (MeV)

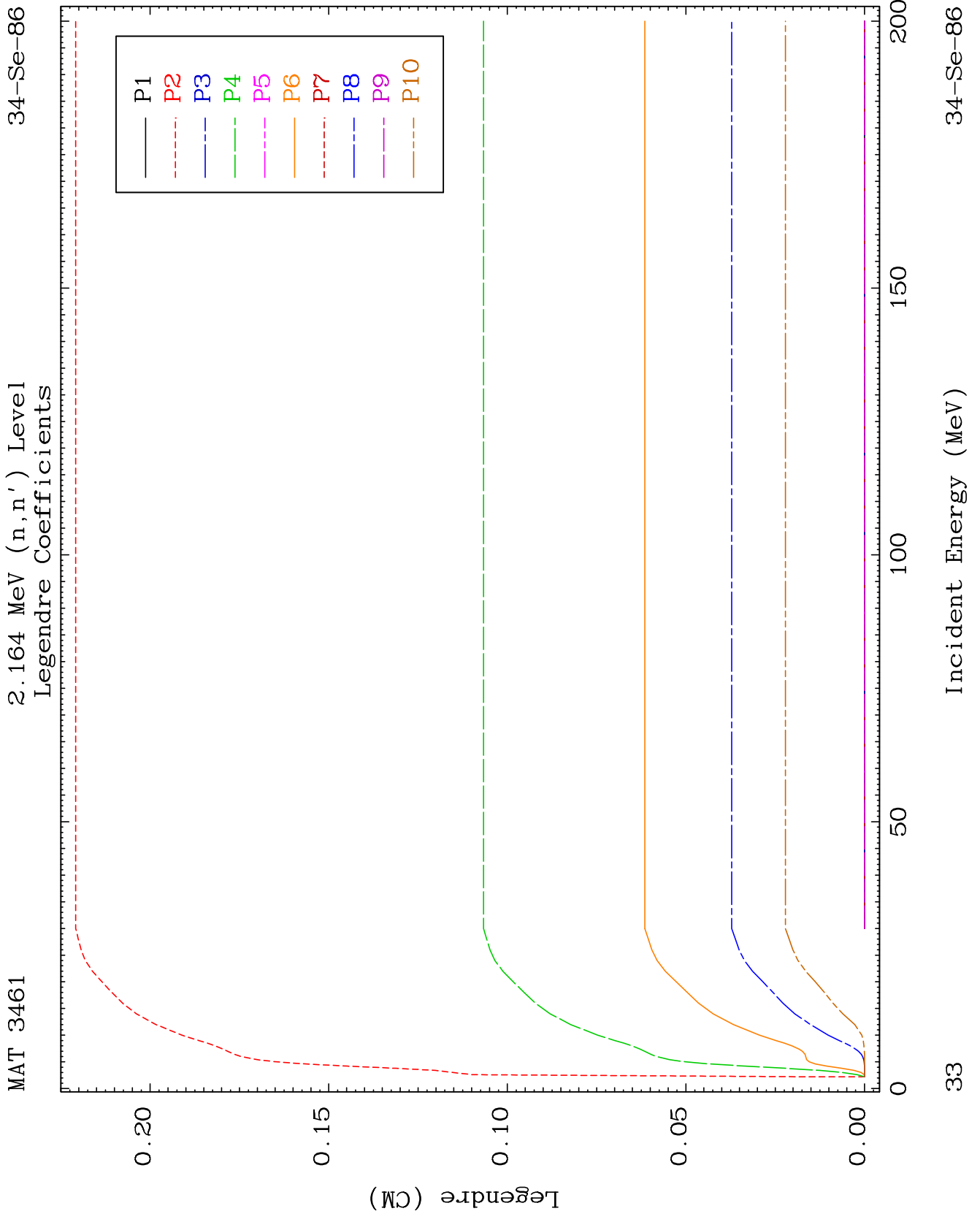
34-Se-86

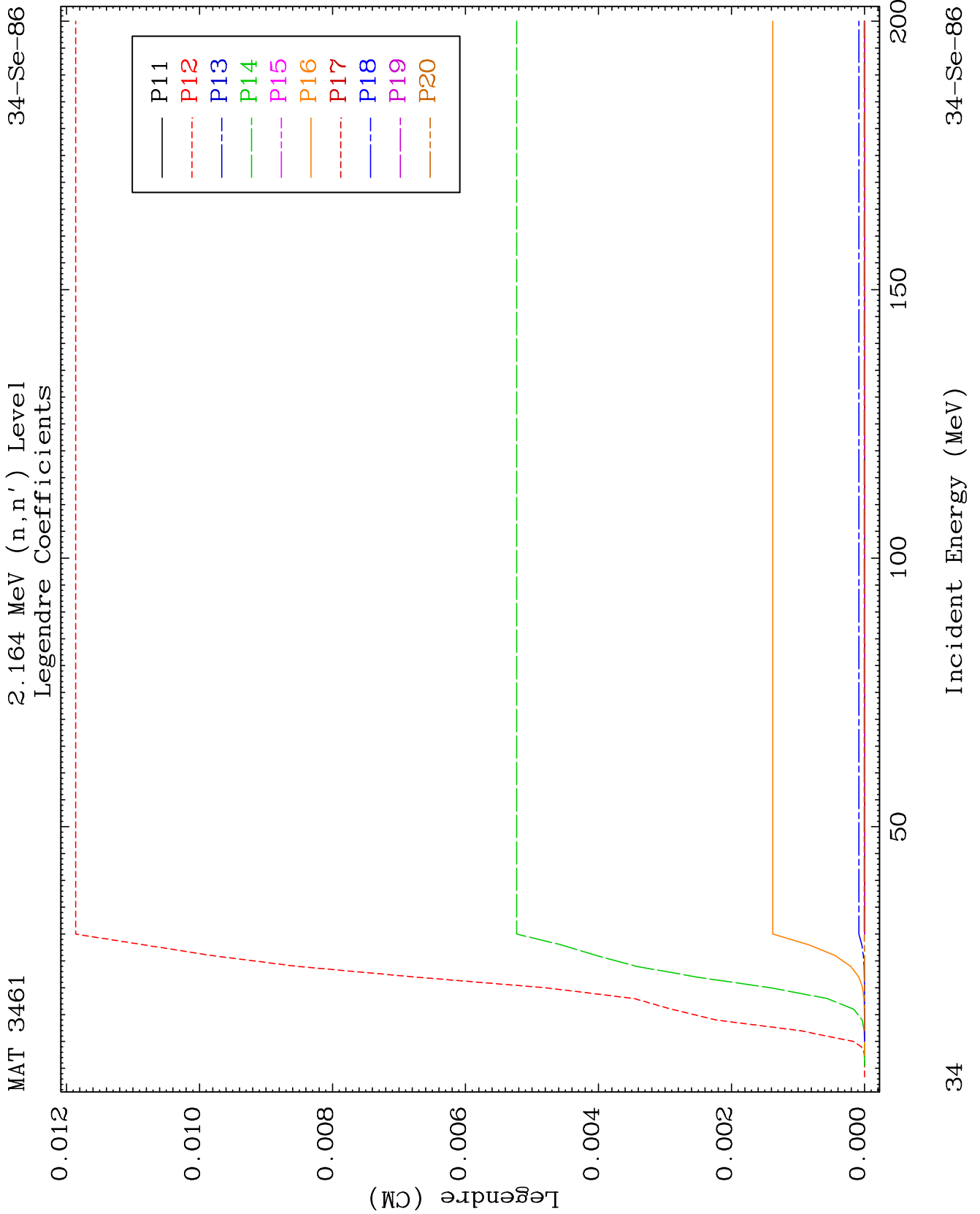


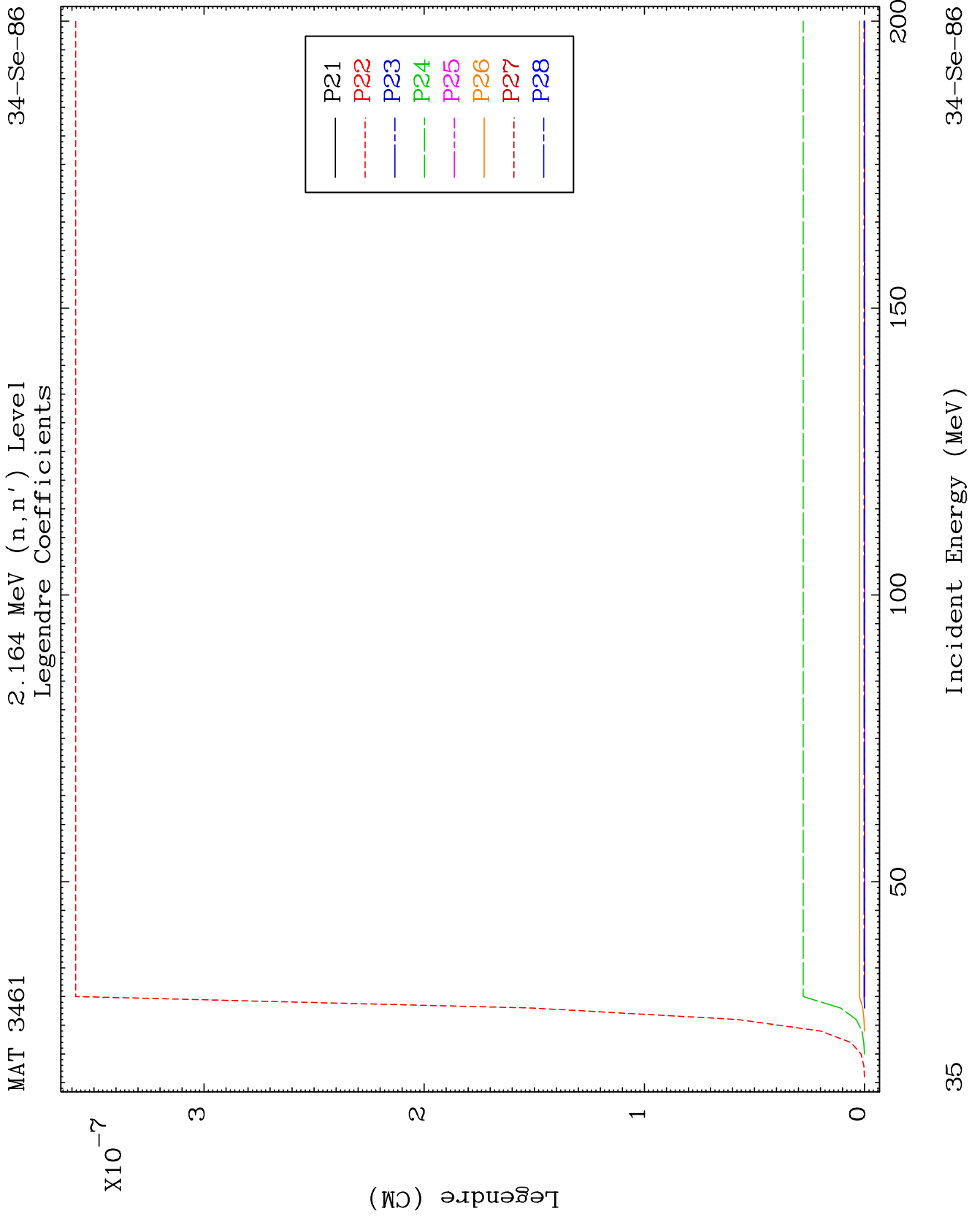


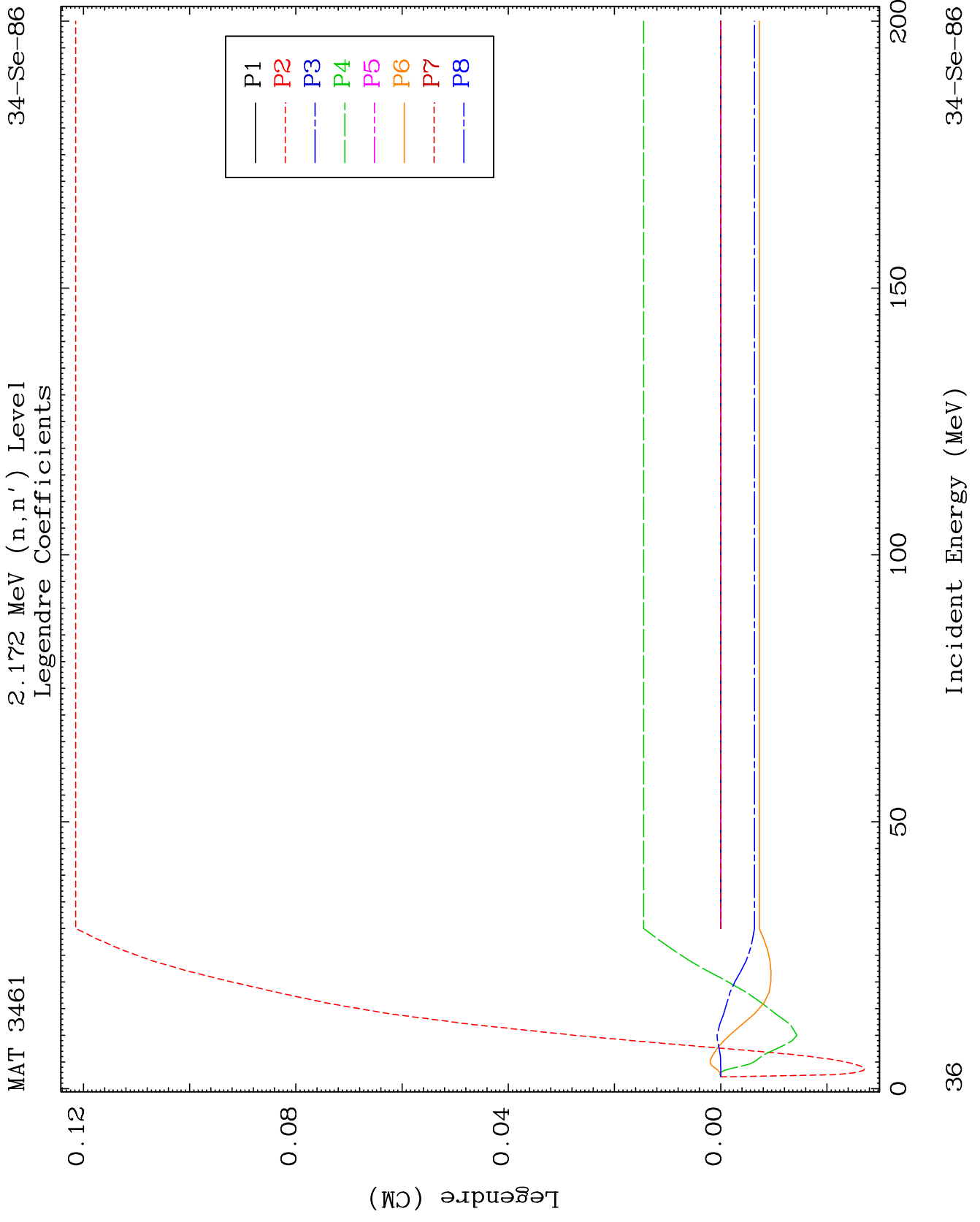


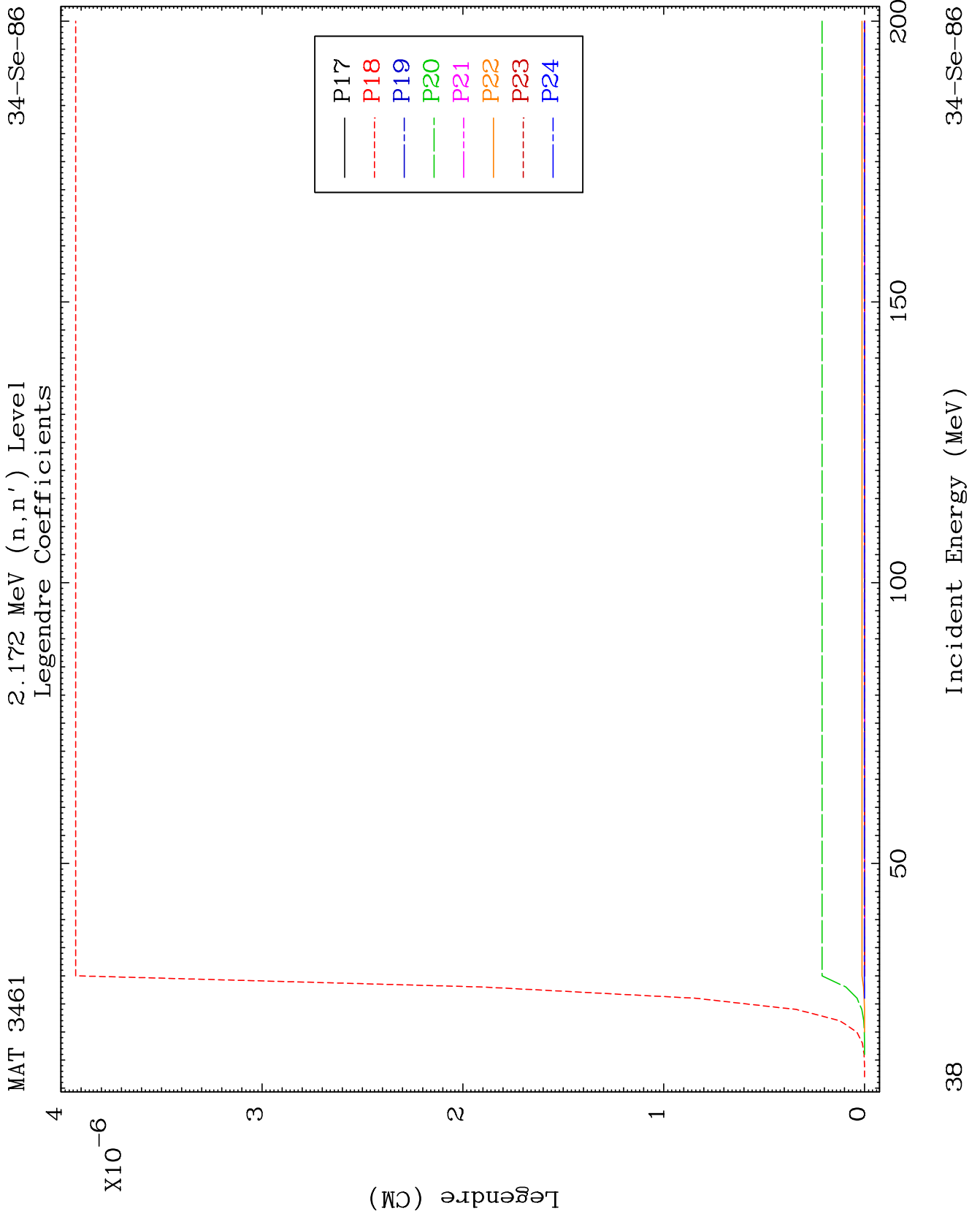


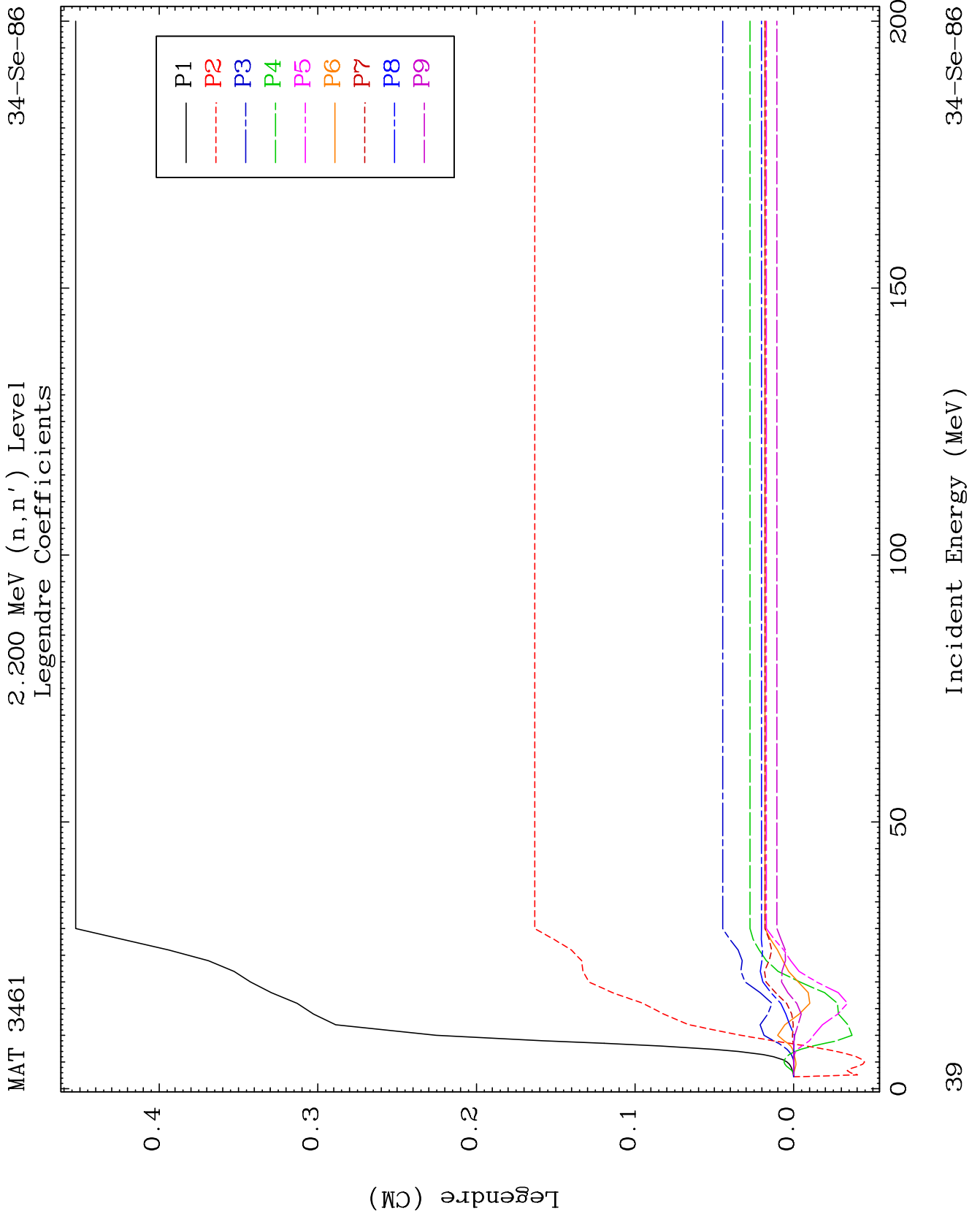








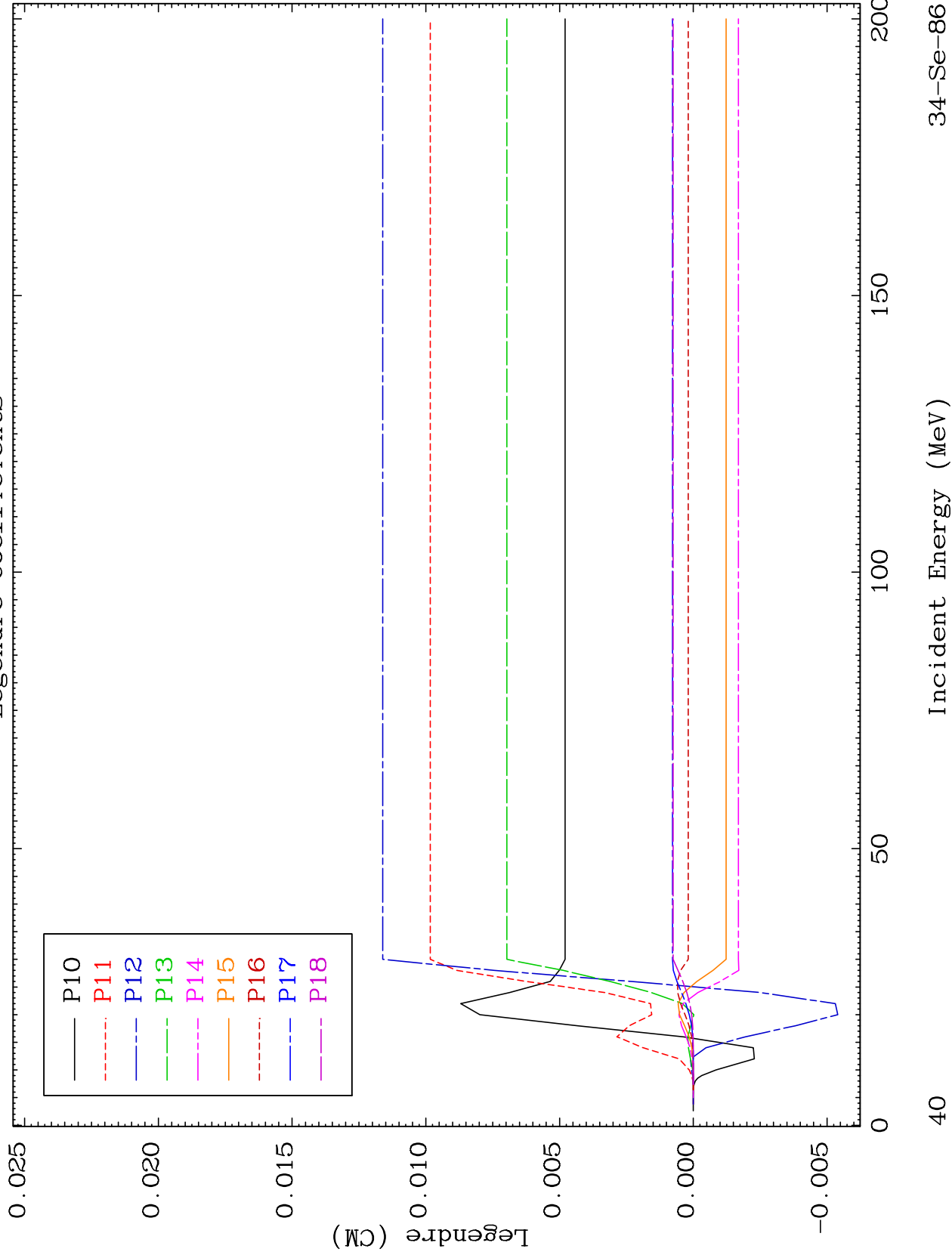




MAT 3461

2.200 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



³⁴Se-86

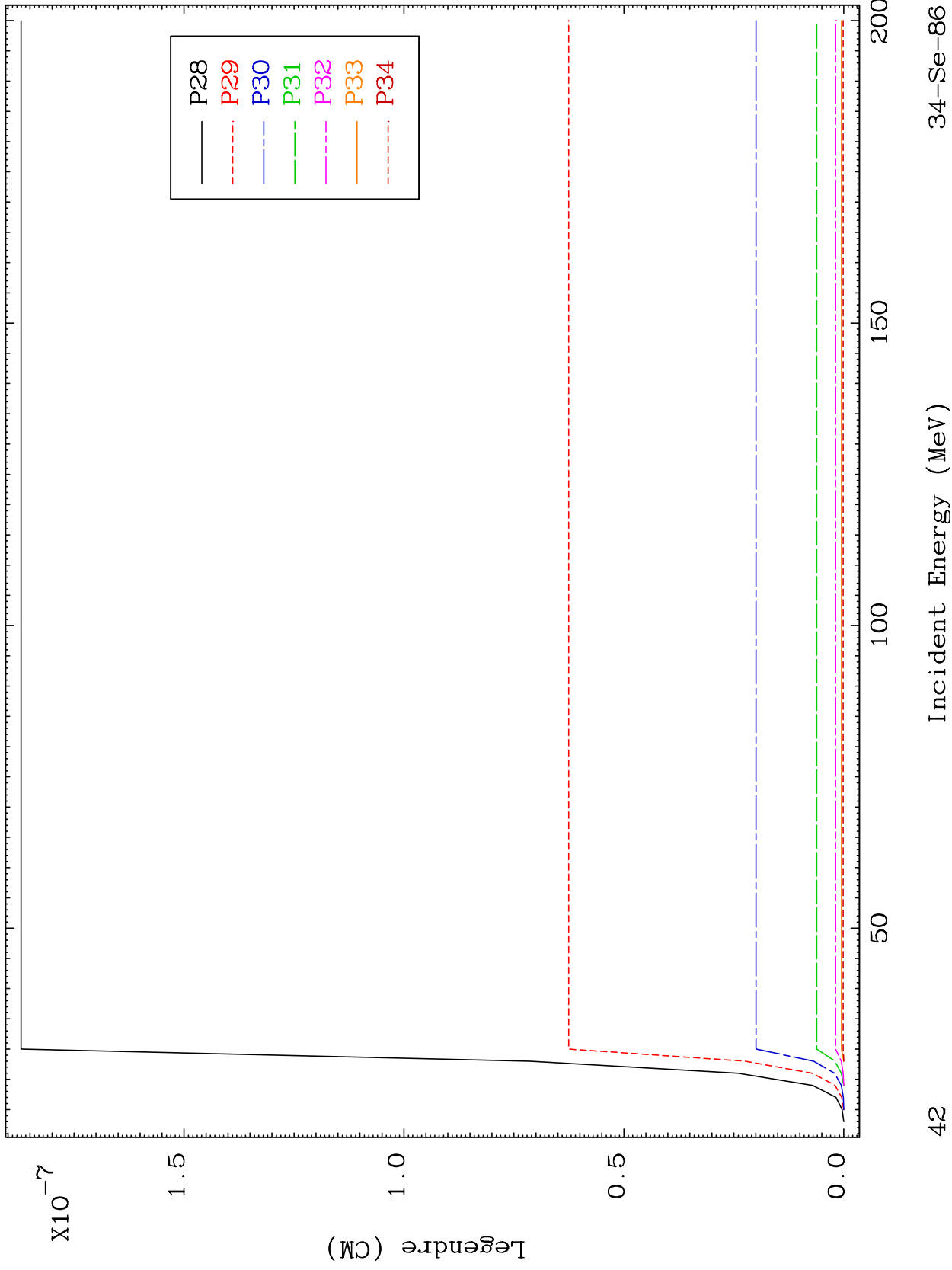
Incident Energy (MeV)

40

MAT 3461

2.200 MeV (n,n') Level
Legendre Coefficients

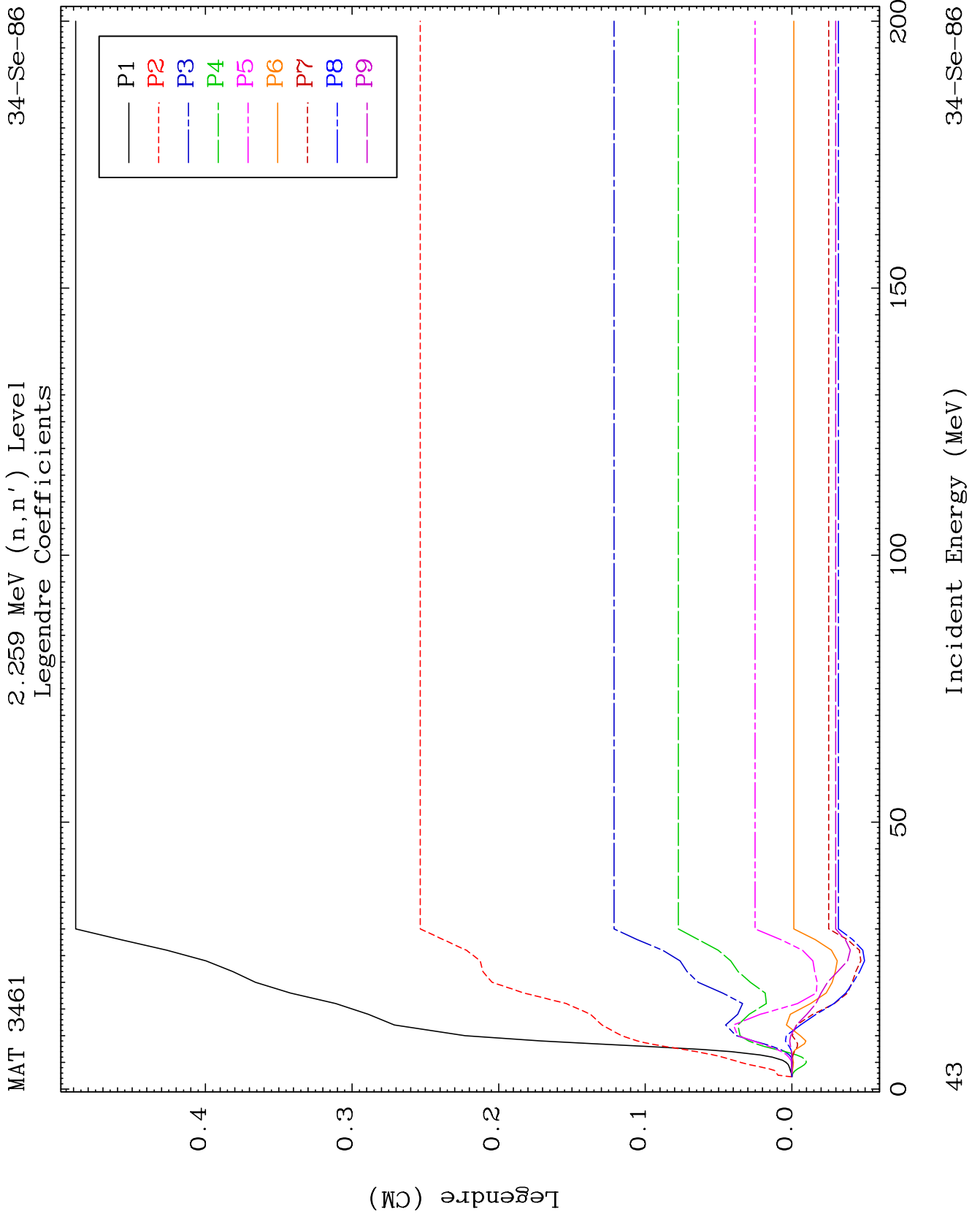
34-Se-86



42

Incident Energy (MeV)

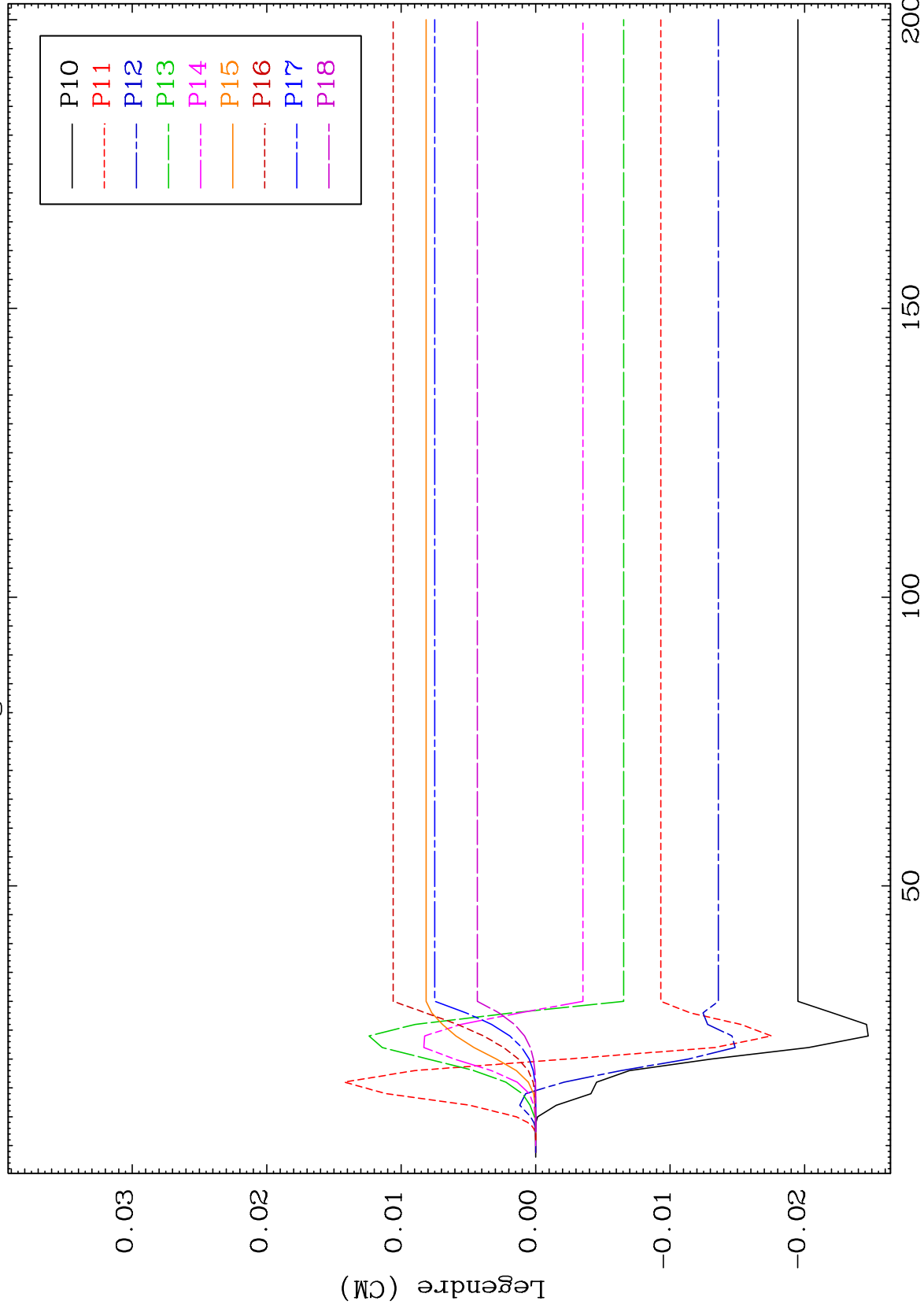
34-Se-86



MAT 3461

2.259 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



44

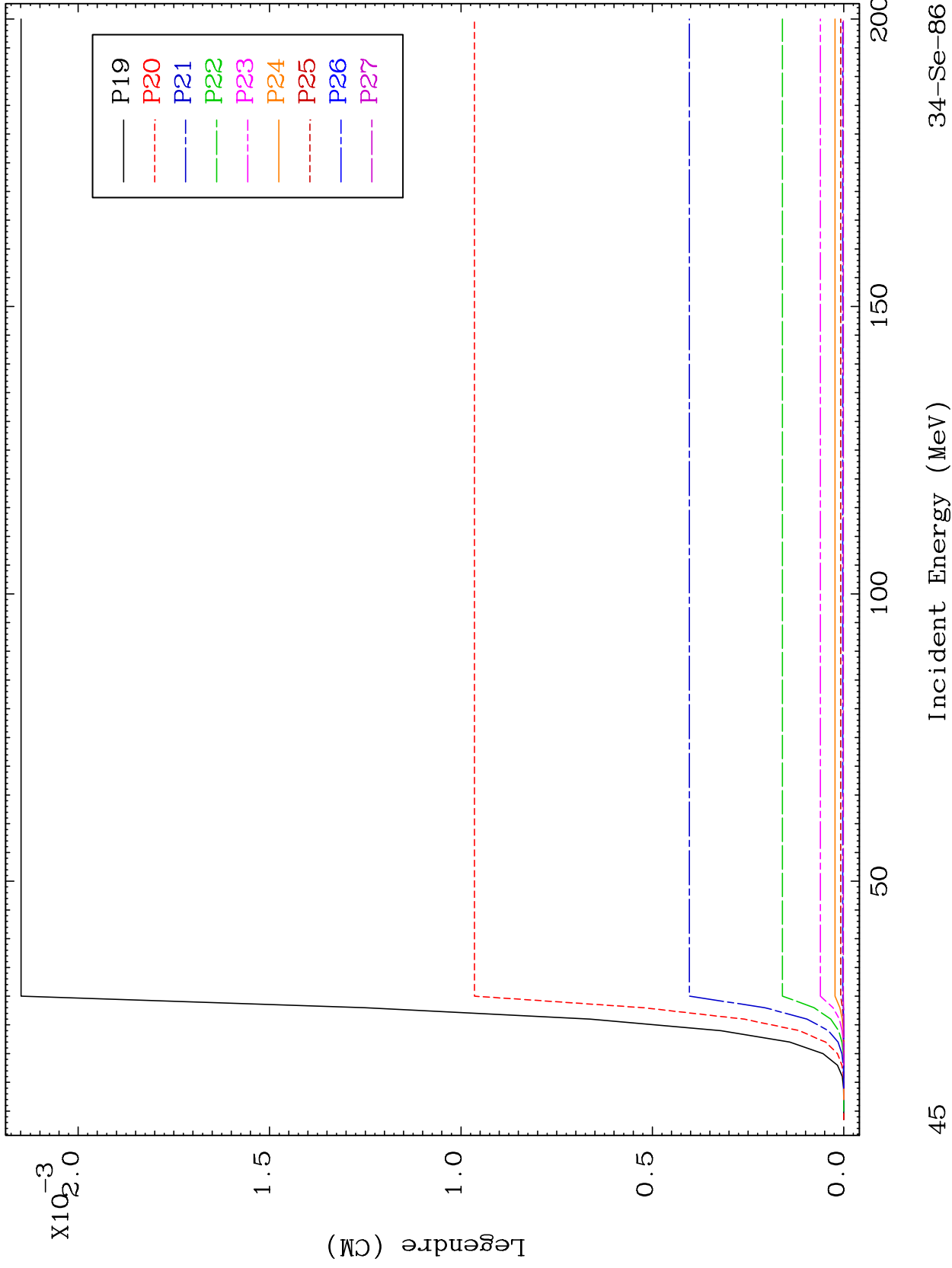
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.259 MeV (n,n') Level
Legendre Coefficients

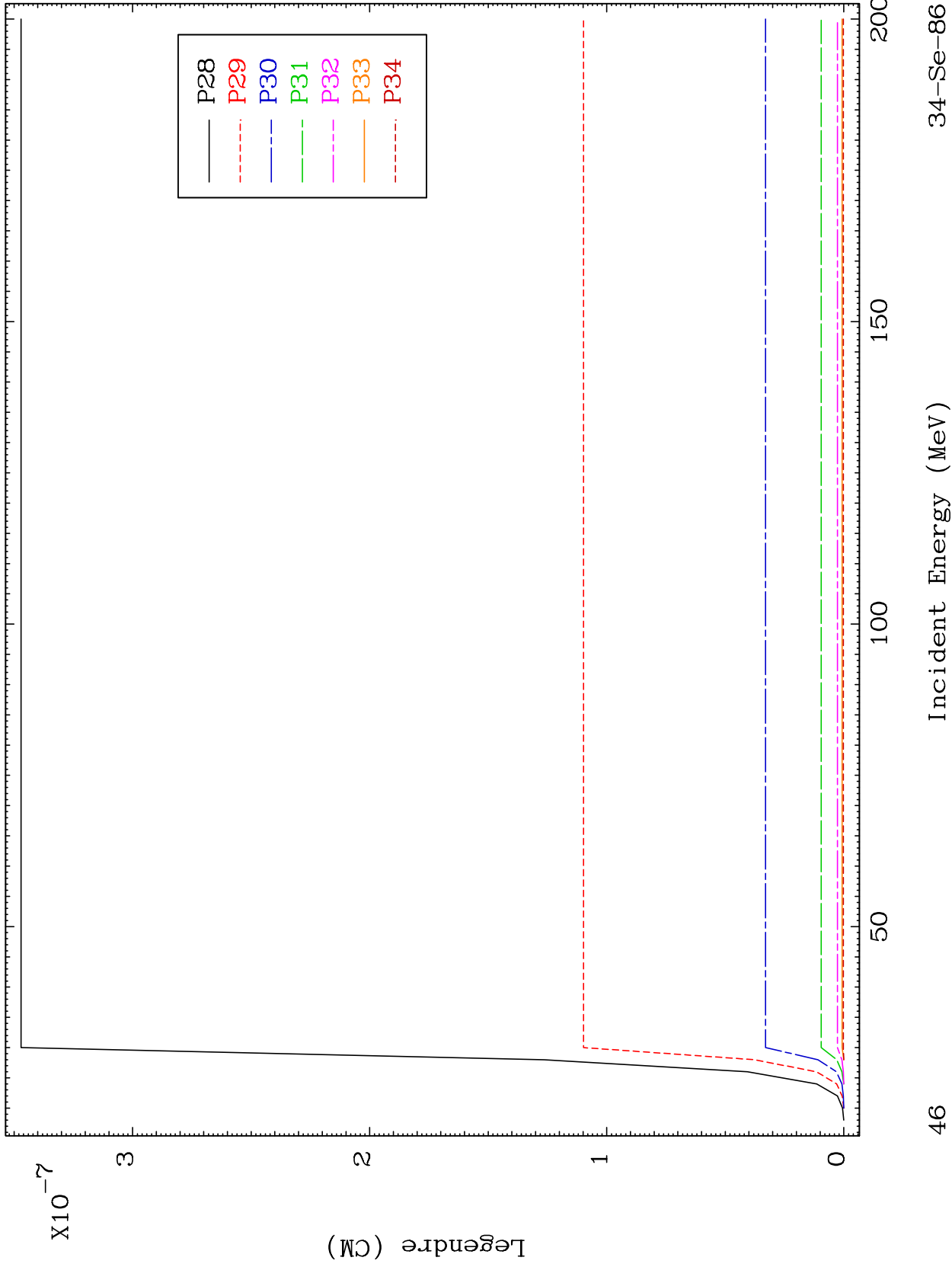
34-Se-86



MAT 3461

2.259 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



³⁴Se-86

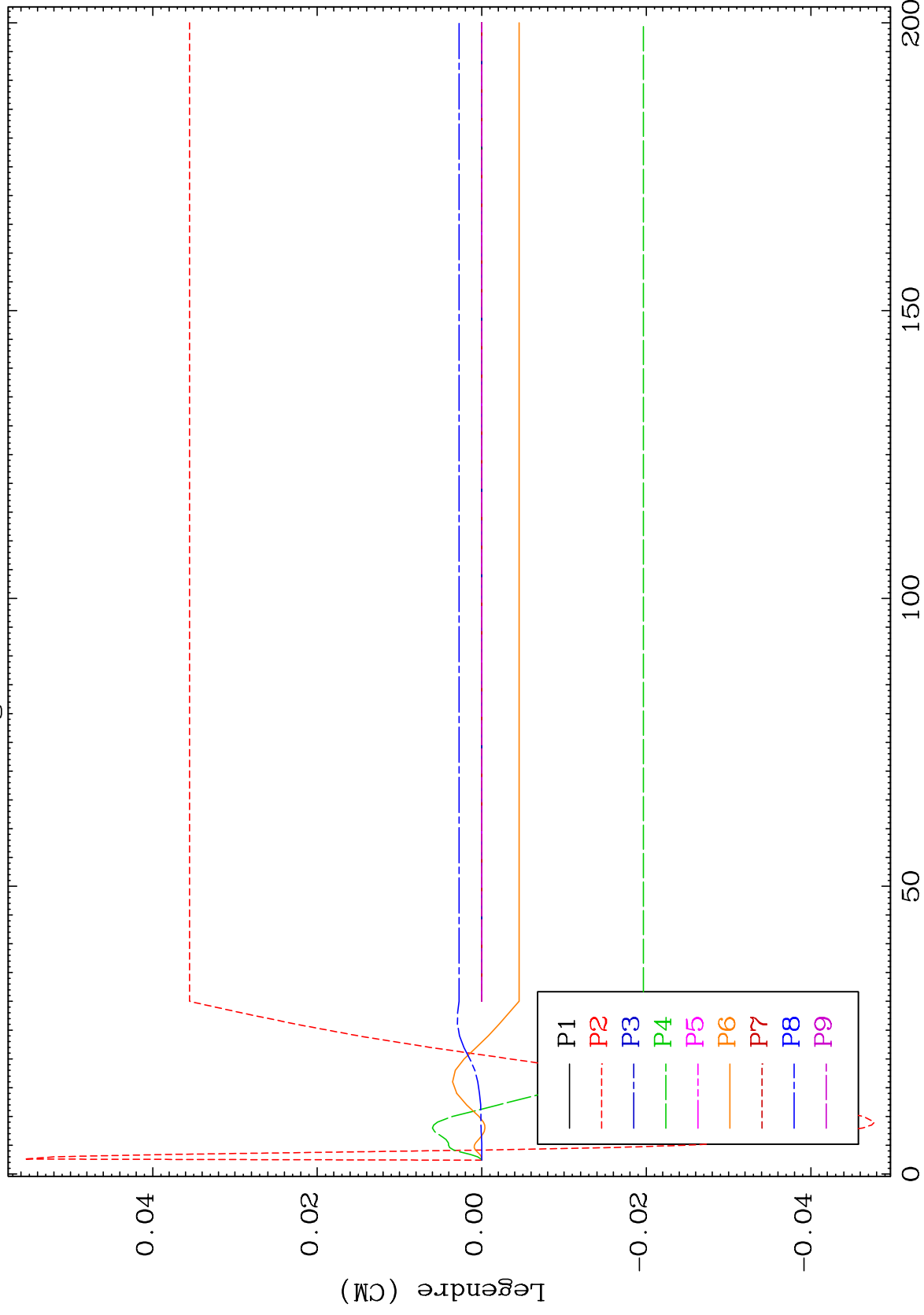
Incident Energy (MeV)

46

MAT 3461

2.369 MeV (n,n') Level
Legendre Coefficients

34-Se-86



47

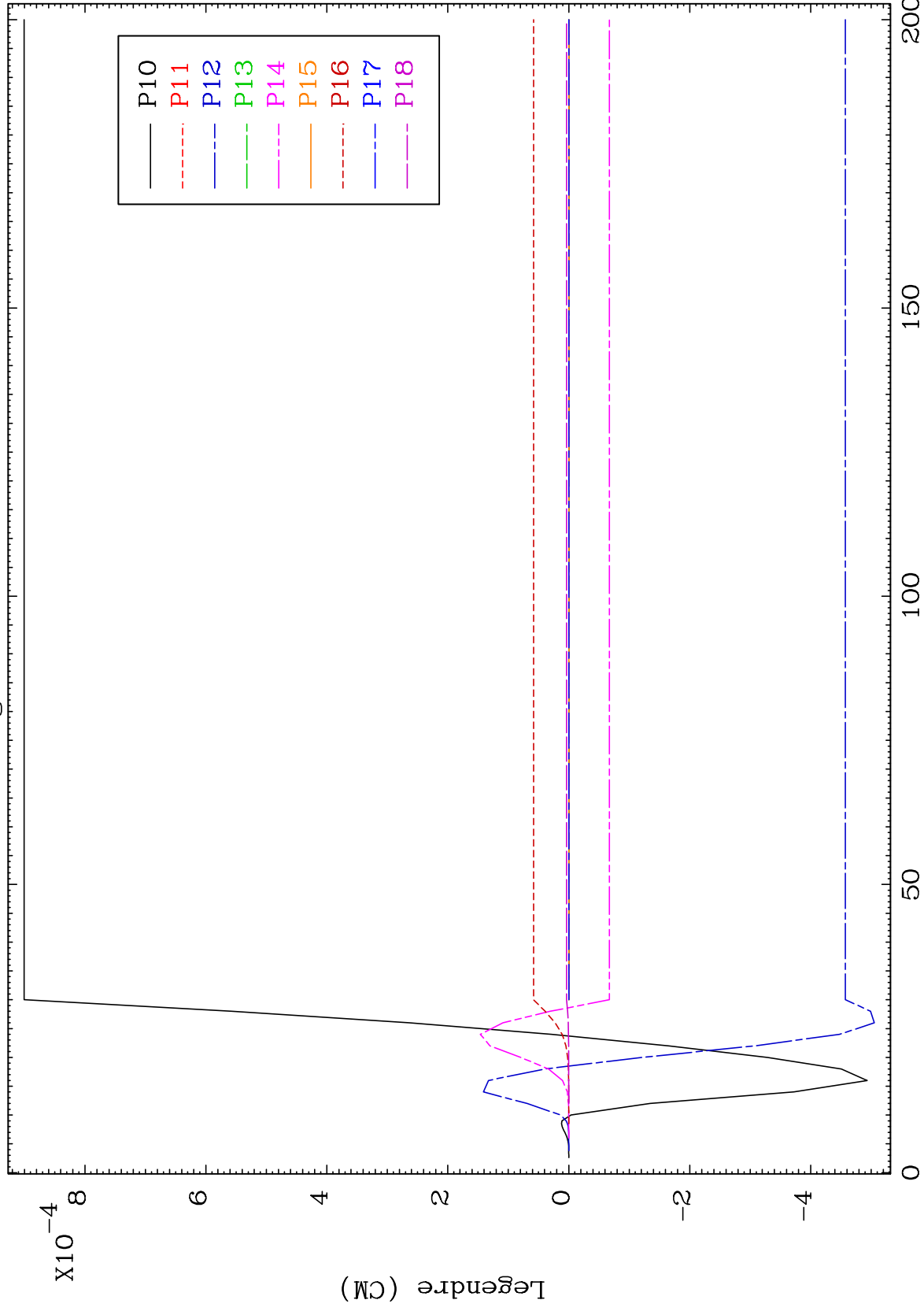
Incident Energy (MeV)

34-Se-86

MAT 3461

2.369 MeV (n,n') Level
Legendre Coefficients

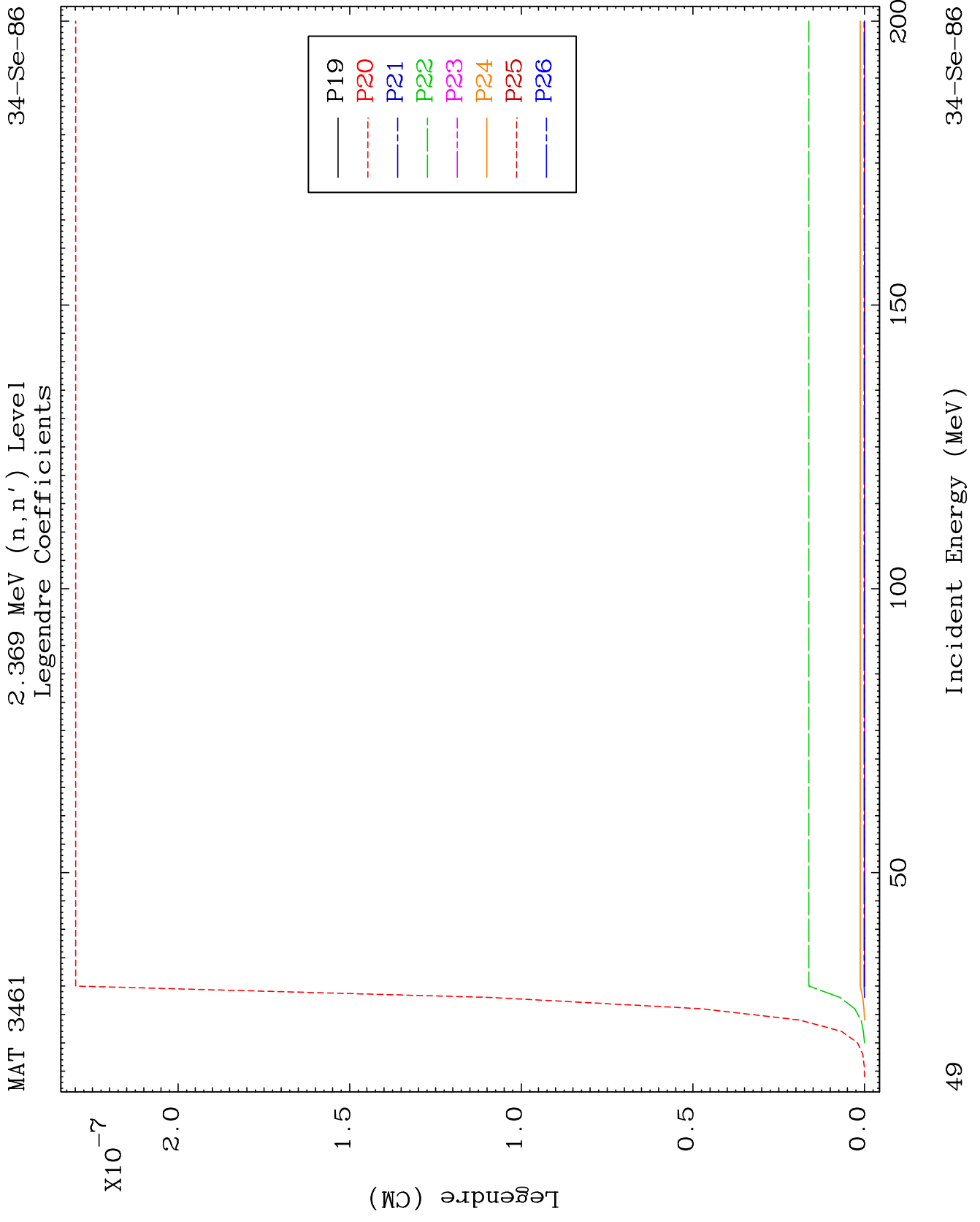
34-Se-86



48

Incident Energy (MeV)

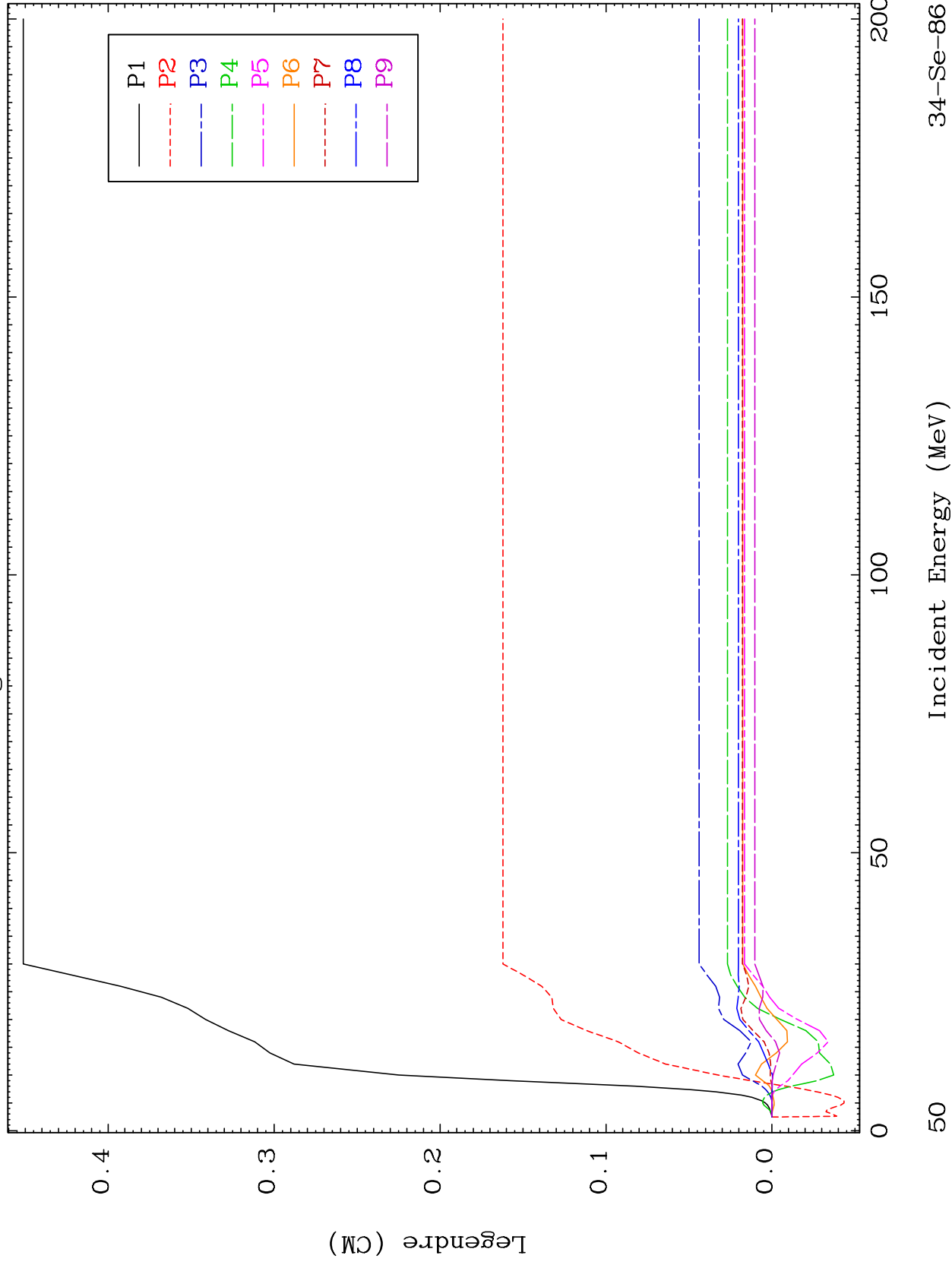
34-Se-86



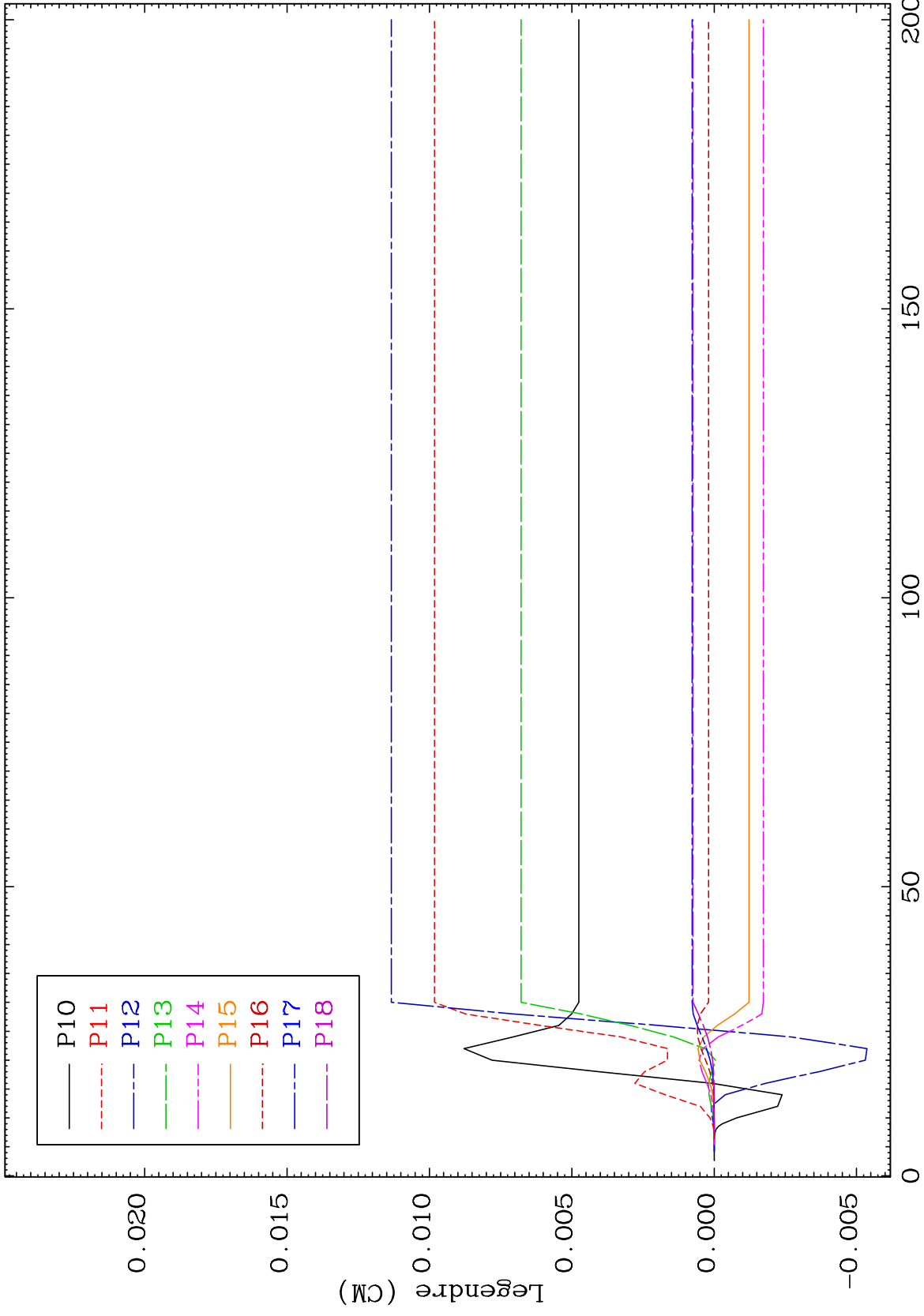
MAT 3461

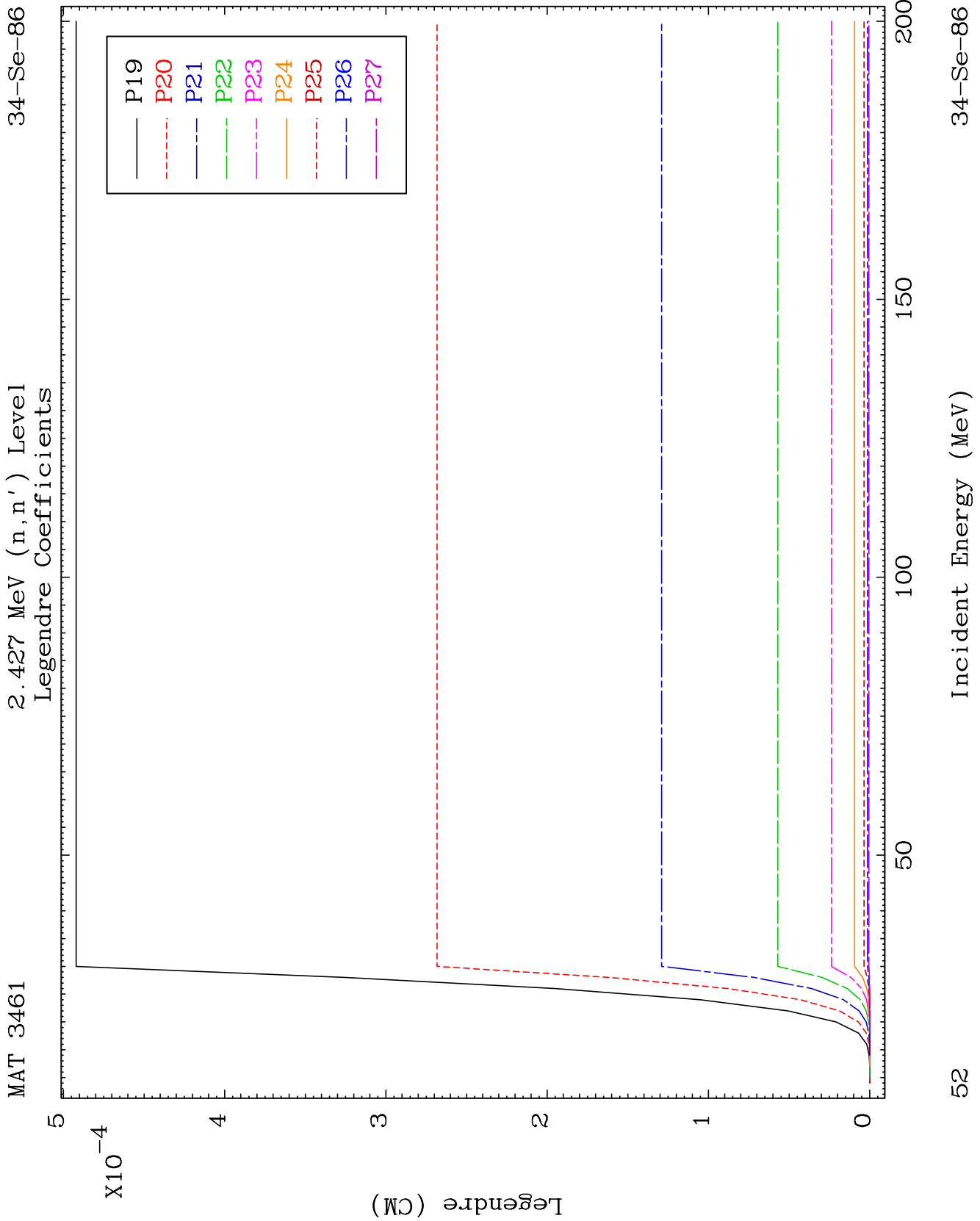
2.427 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



³⁴Se-86

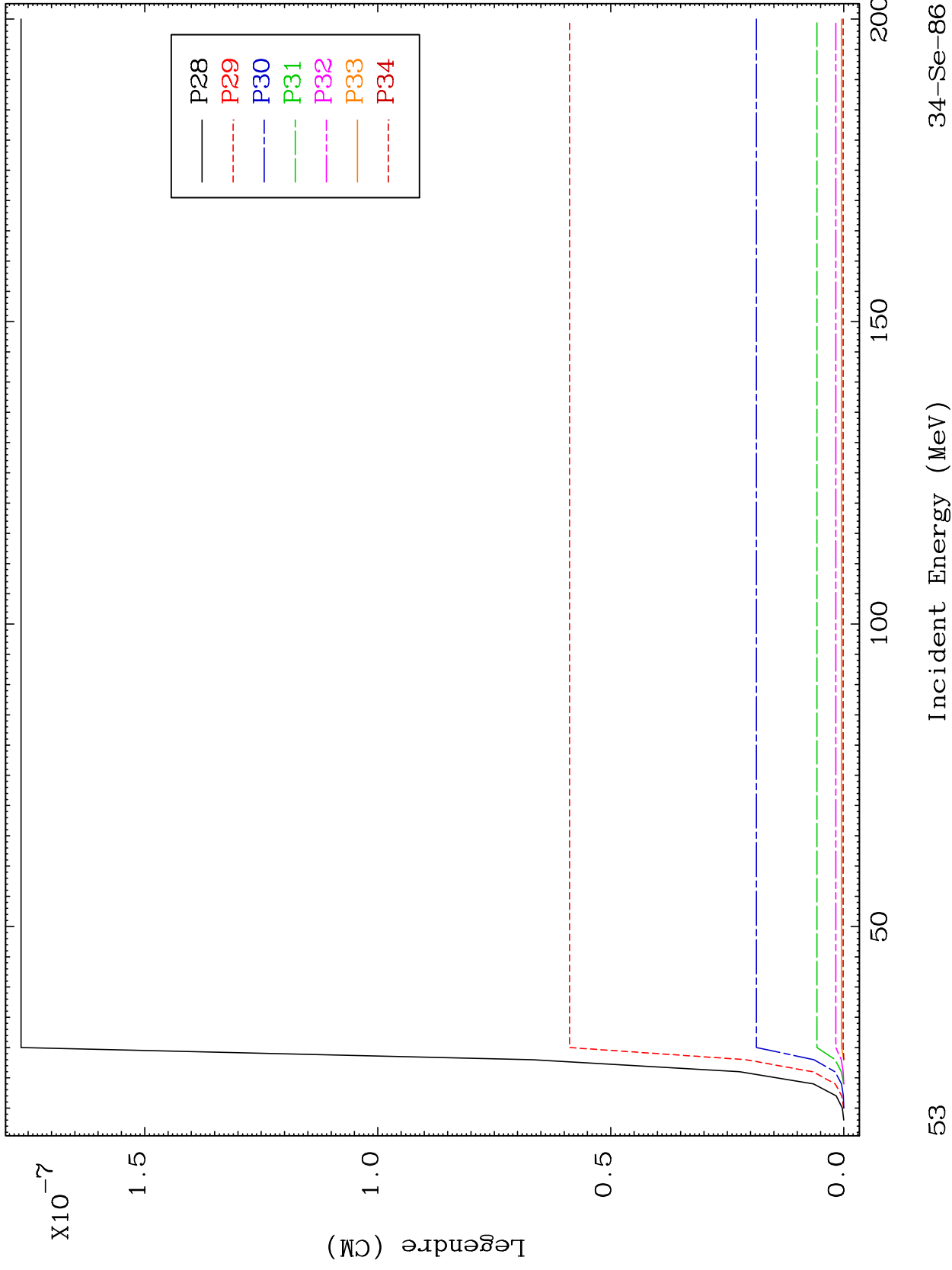




MAT 3461

2.427 MeV (n,n') Level
Legendre Coefficients

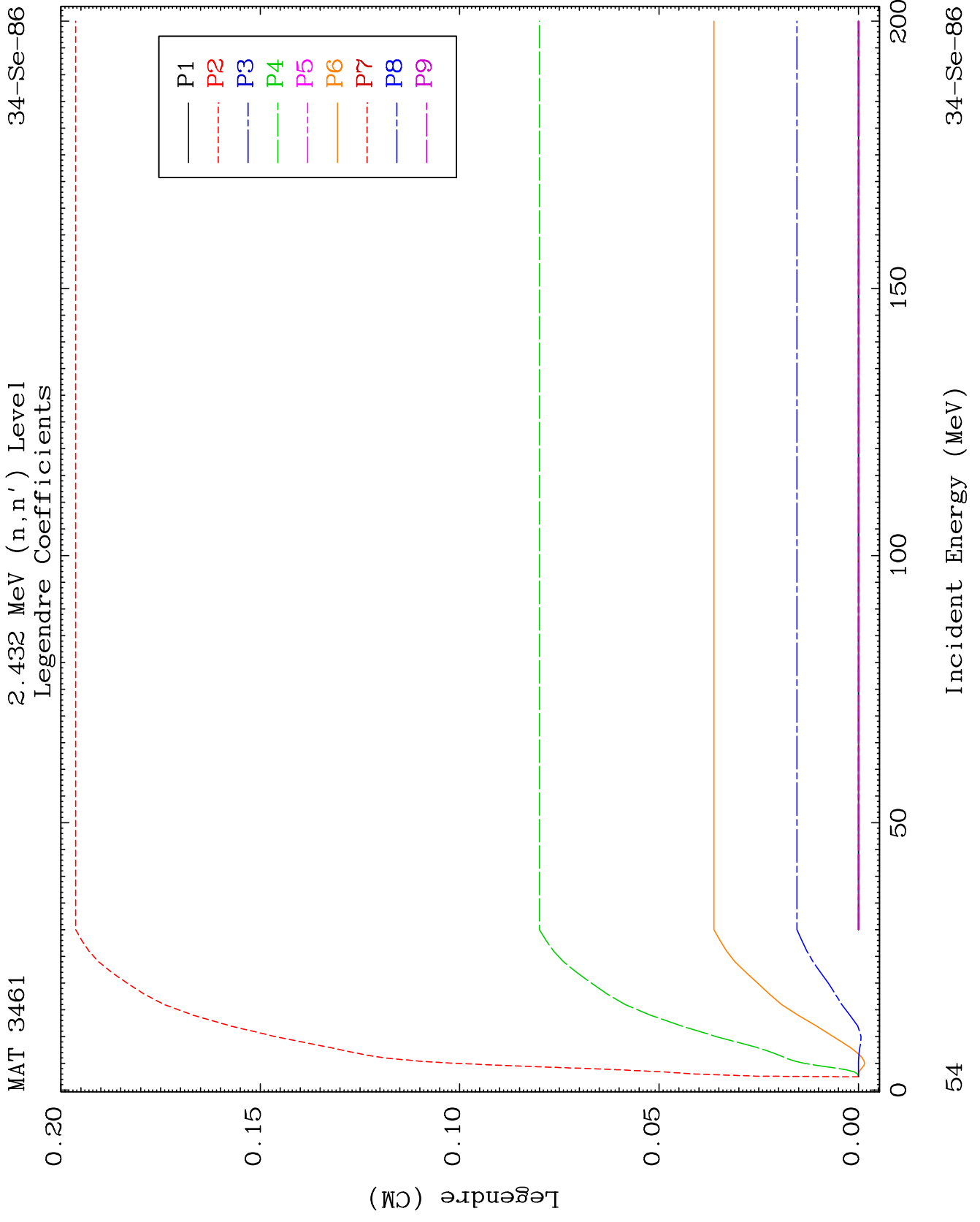
34-Se-86



53

Incident Energy (MeV)

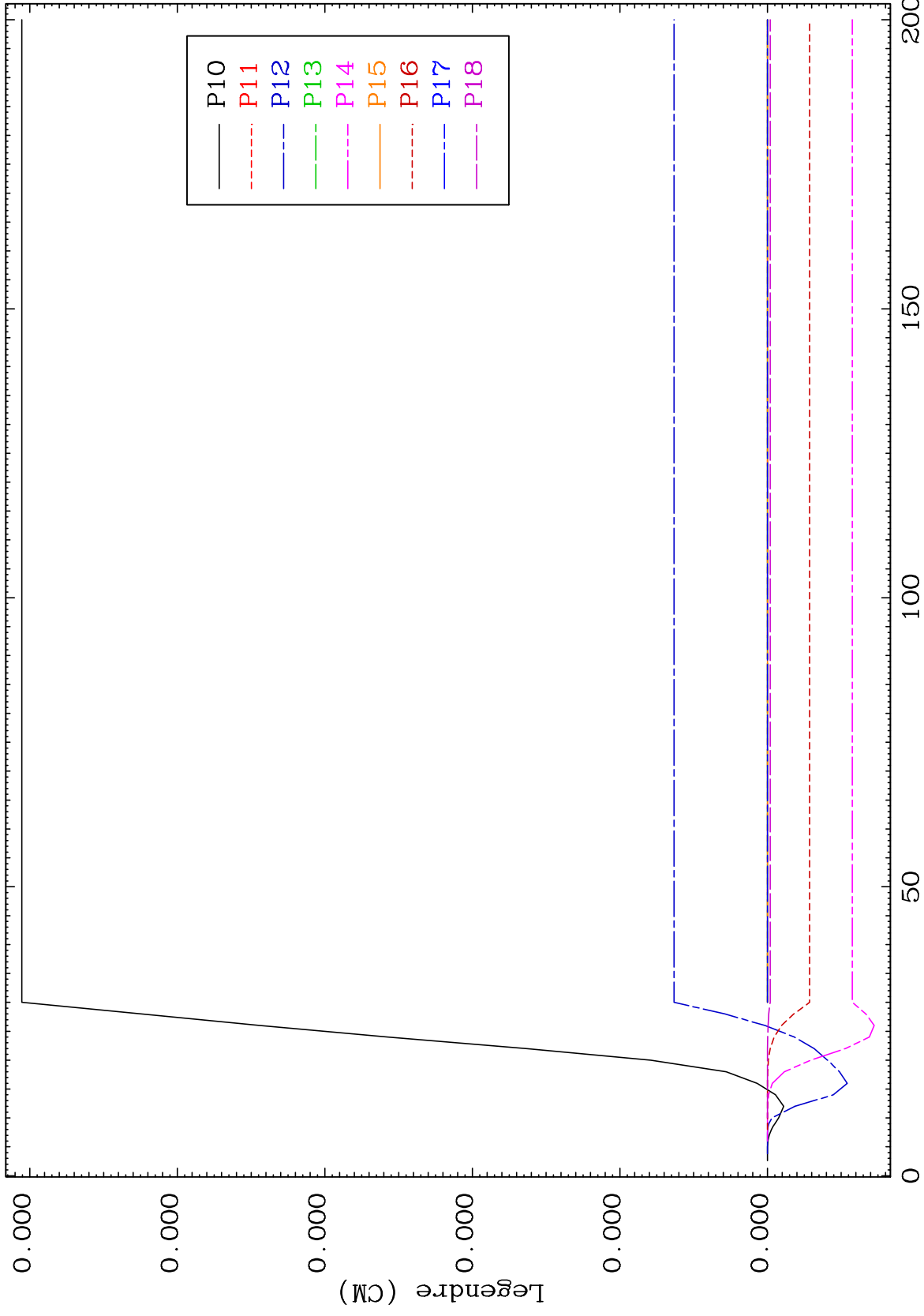
34-Se-86



MAT 3461

2.432 MeV (n,n') Level
Legendre Coefficients

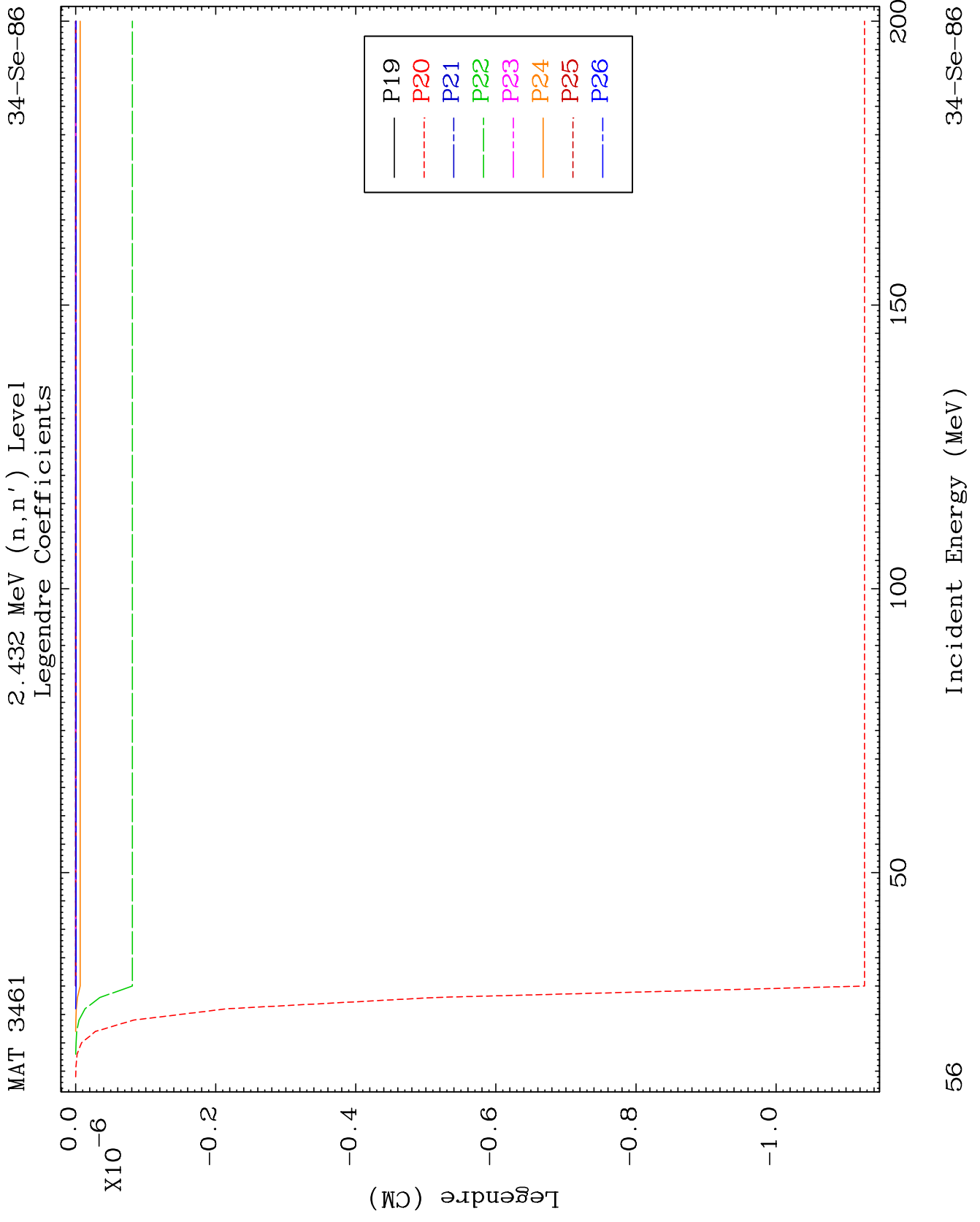
³⁴Se-86



55

Incident Energy (MeV)

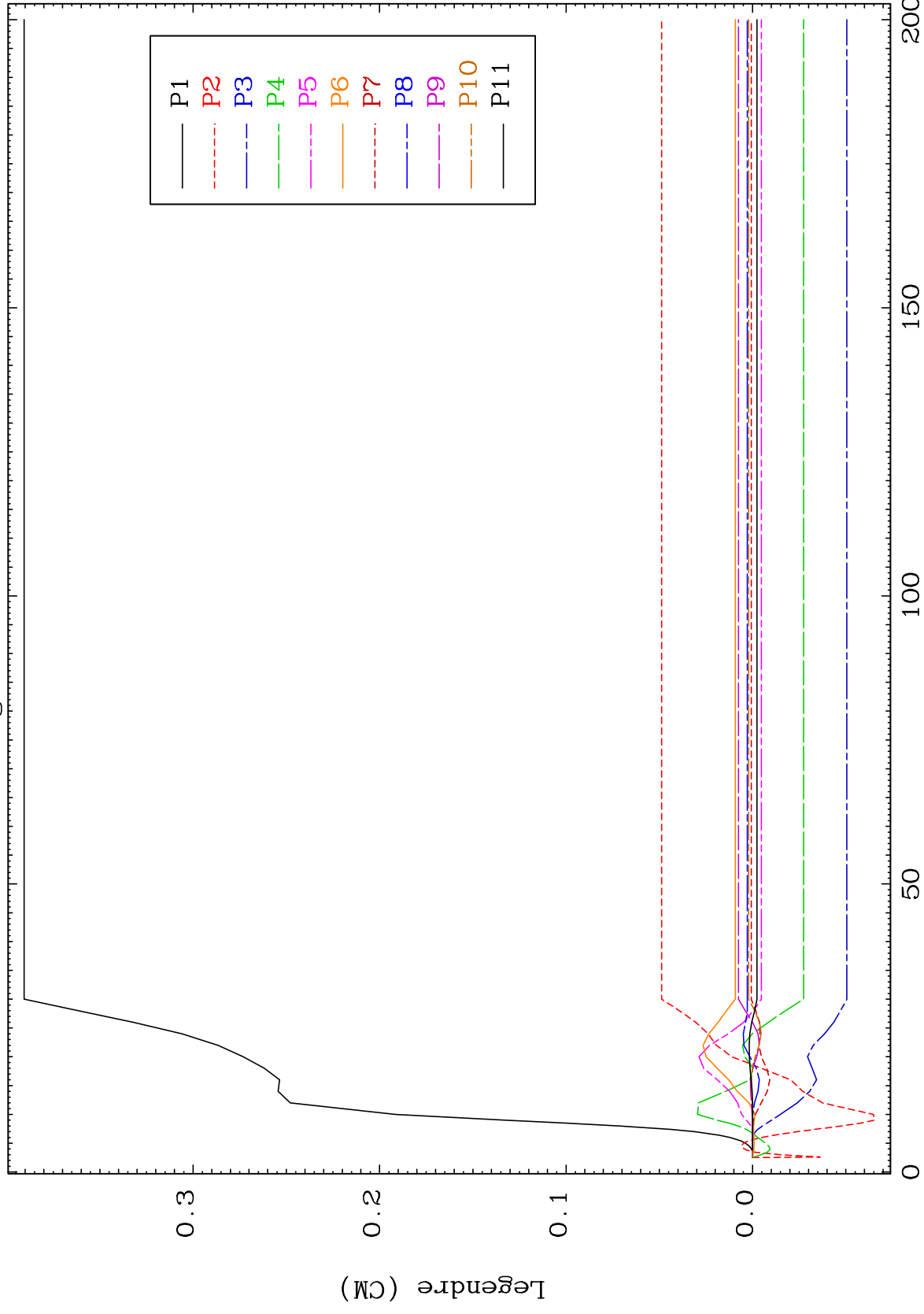
³⁴Se-86



MAT 3461

2.480 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



57

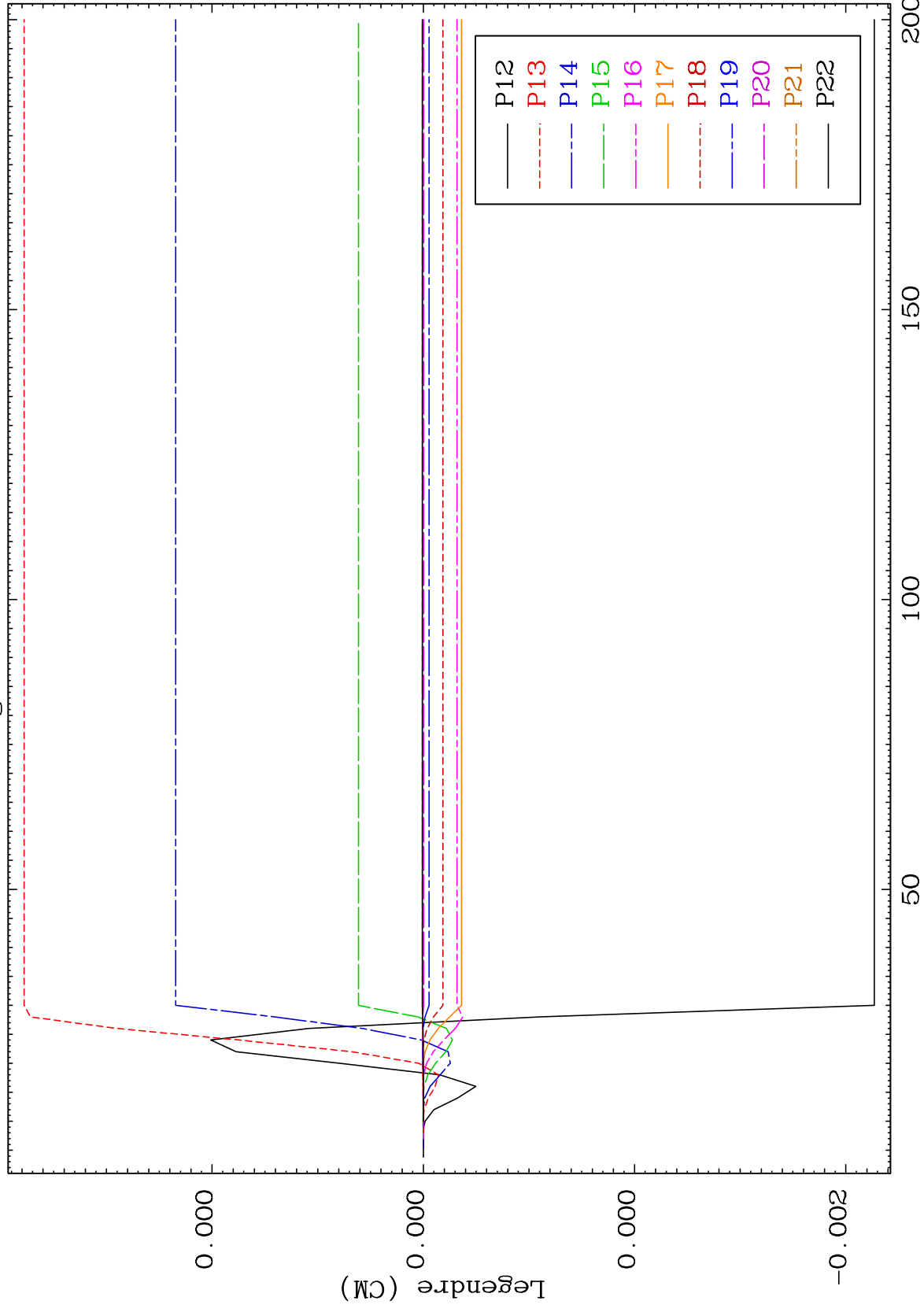
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.480 MeV (n,n') Level
Legendre Coefficients

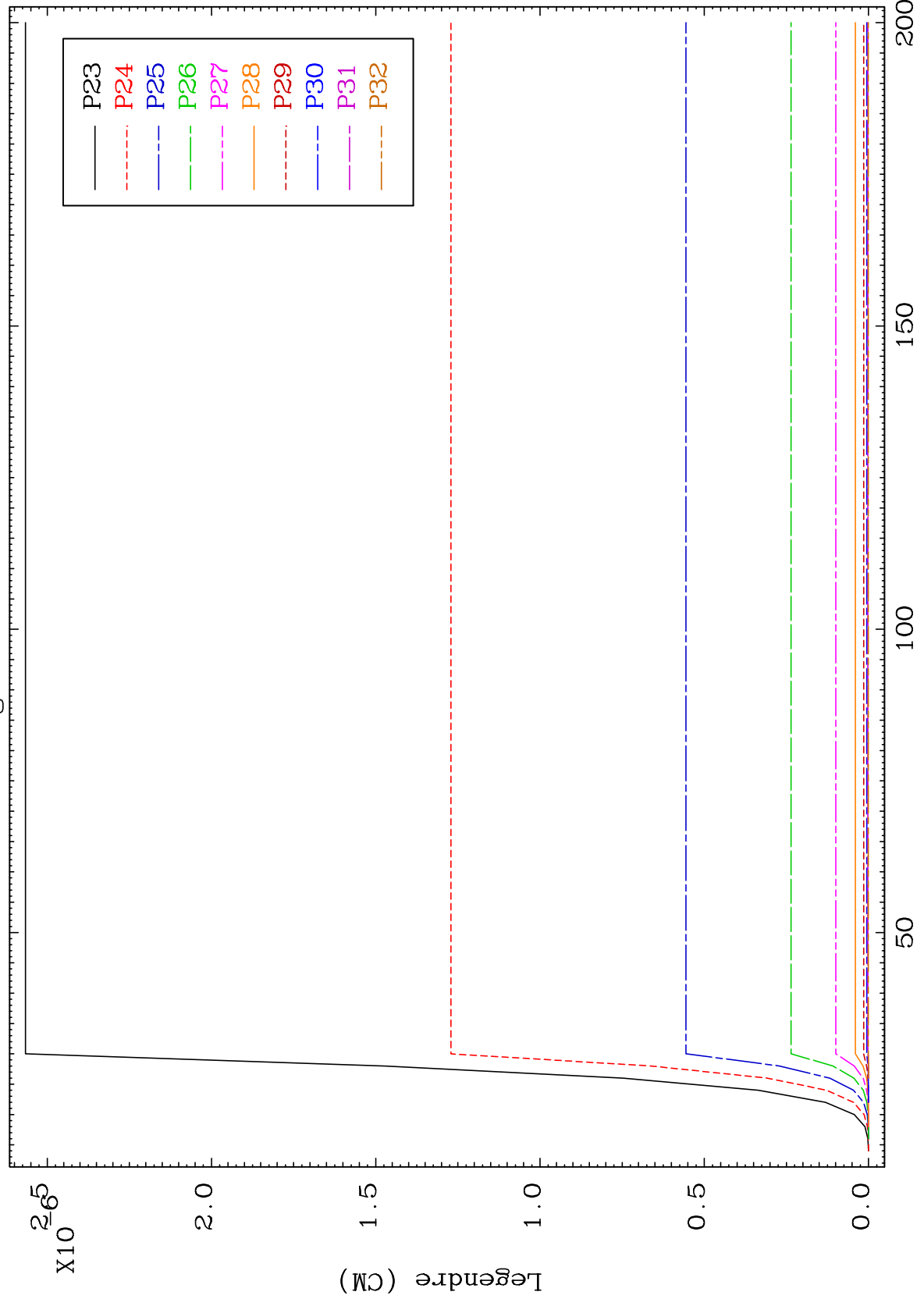
34-Se-86

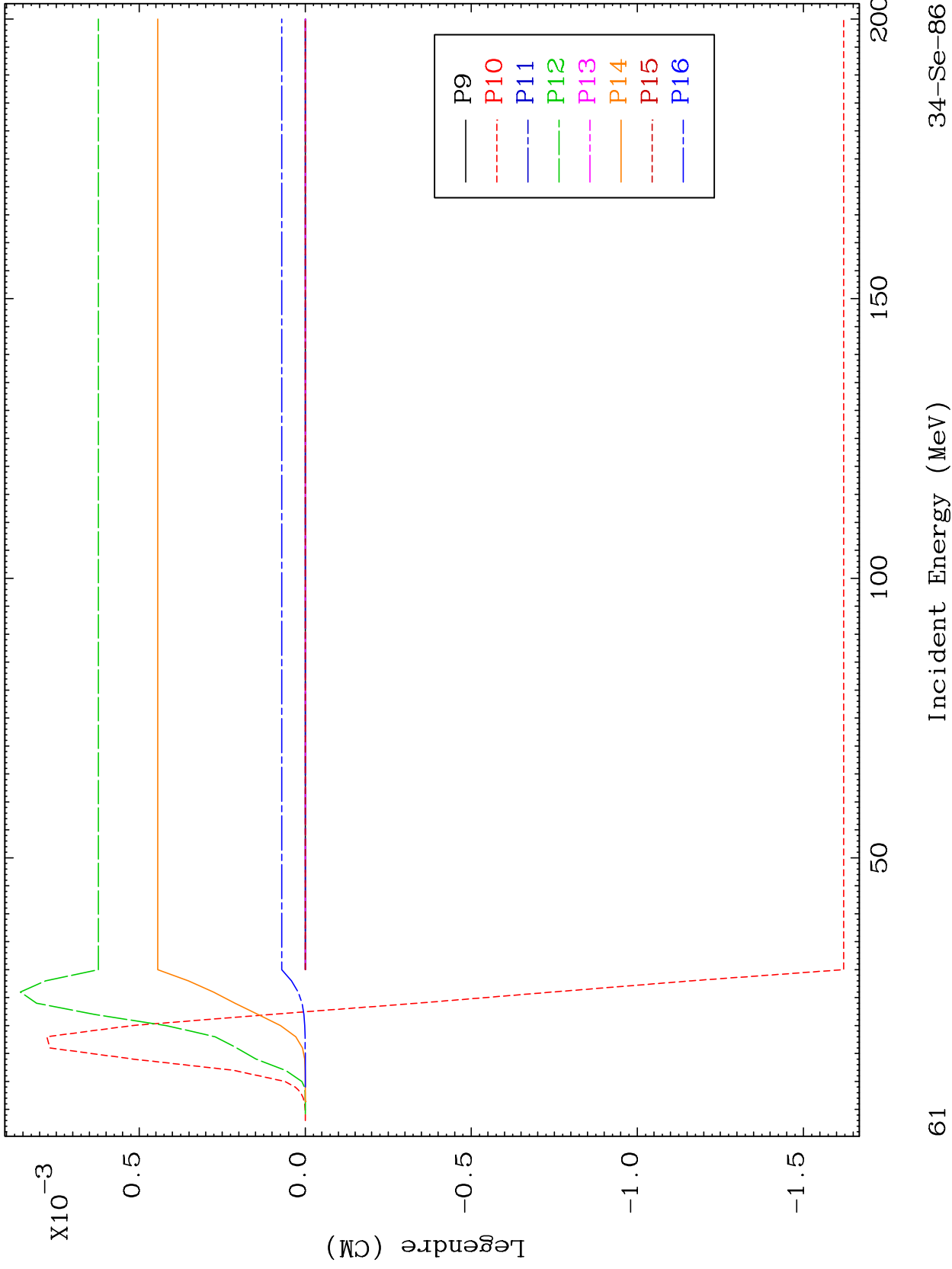


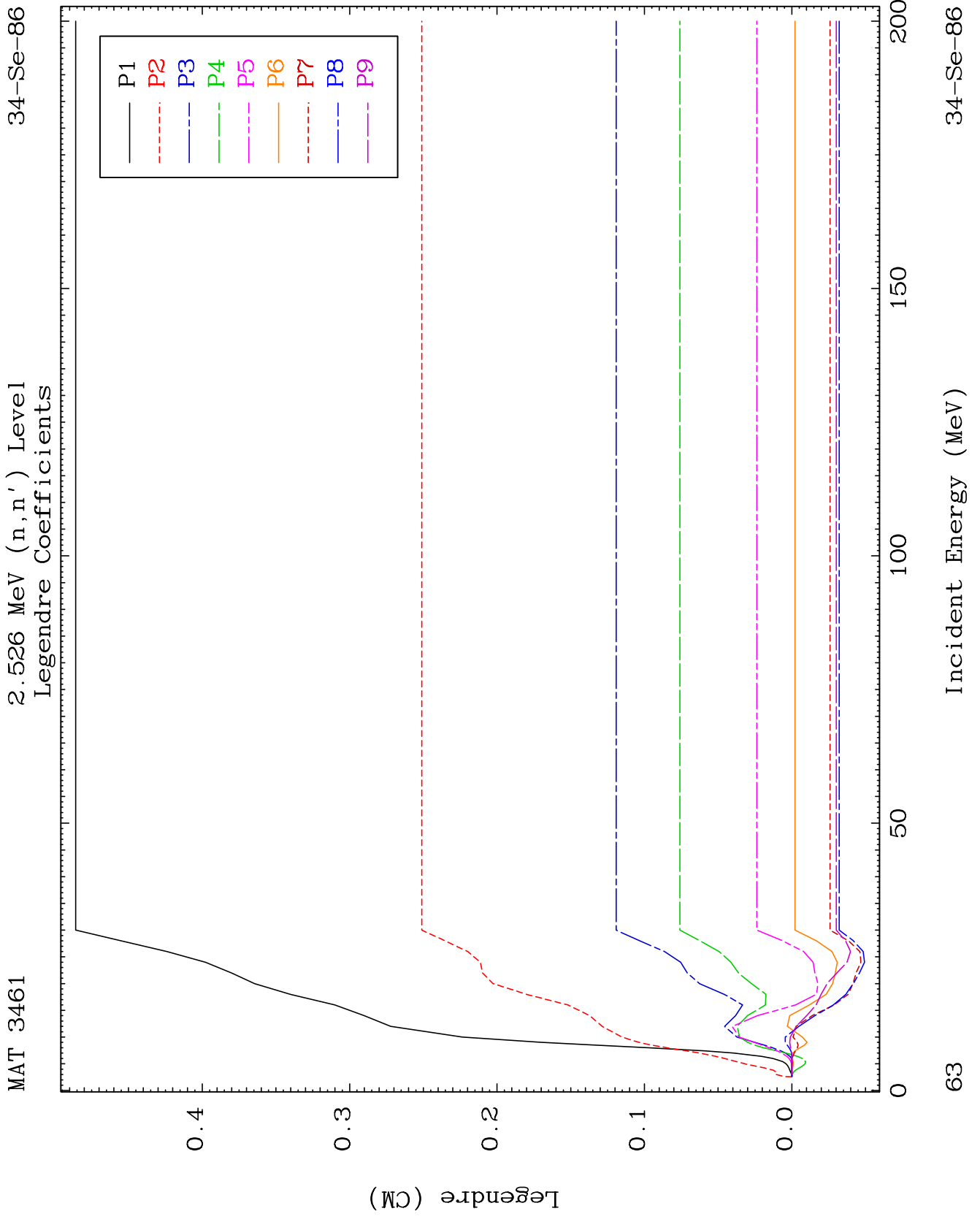
58

Incident Energy (MeV)

34-Se-86



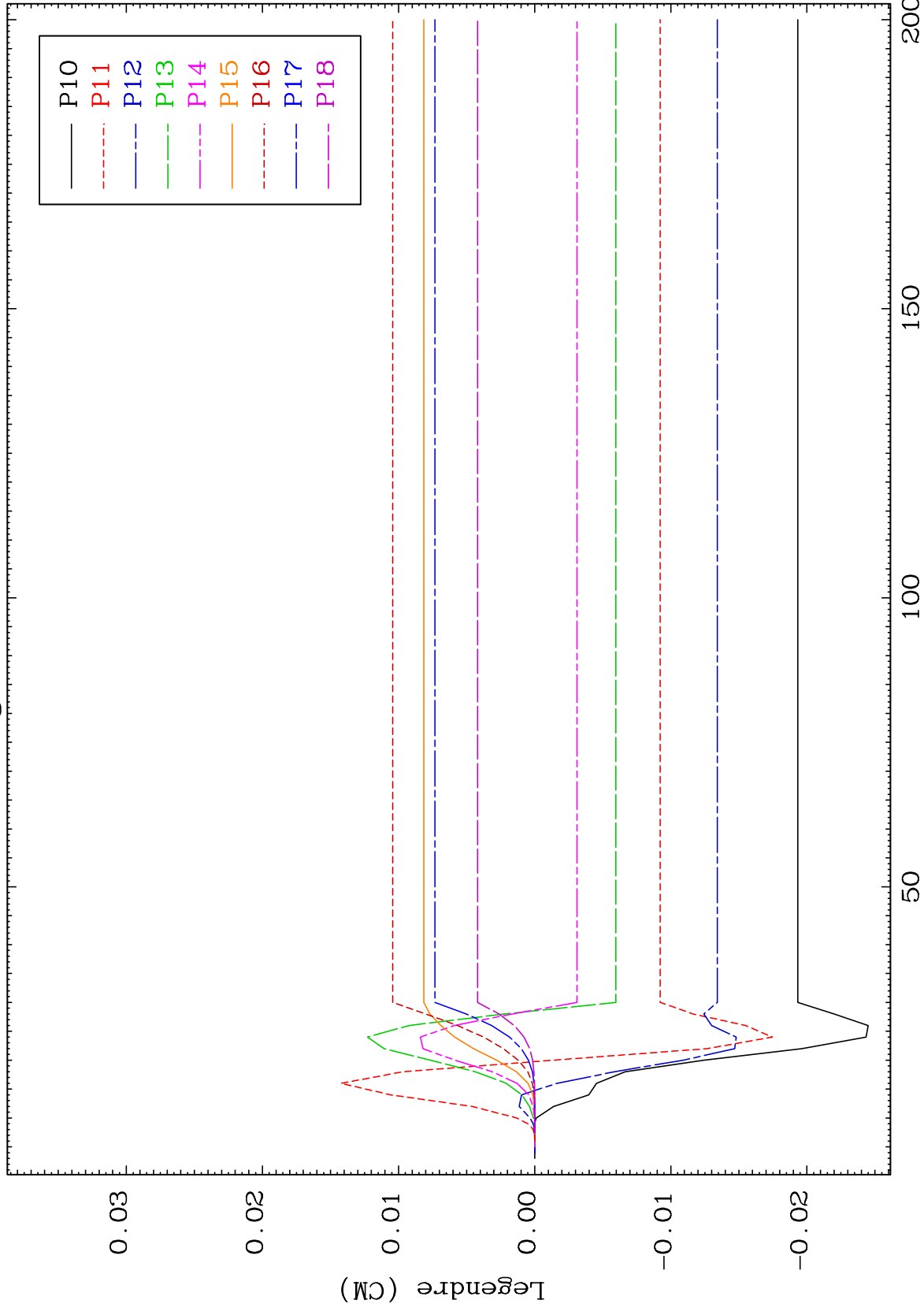




MAT 3461

2.526 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



64

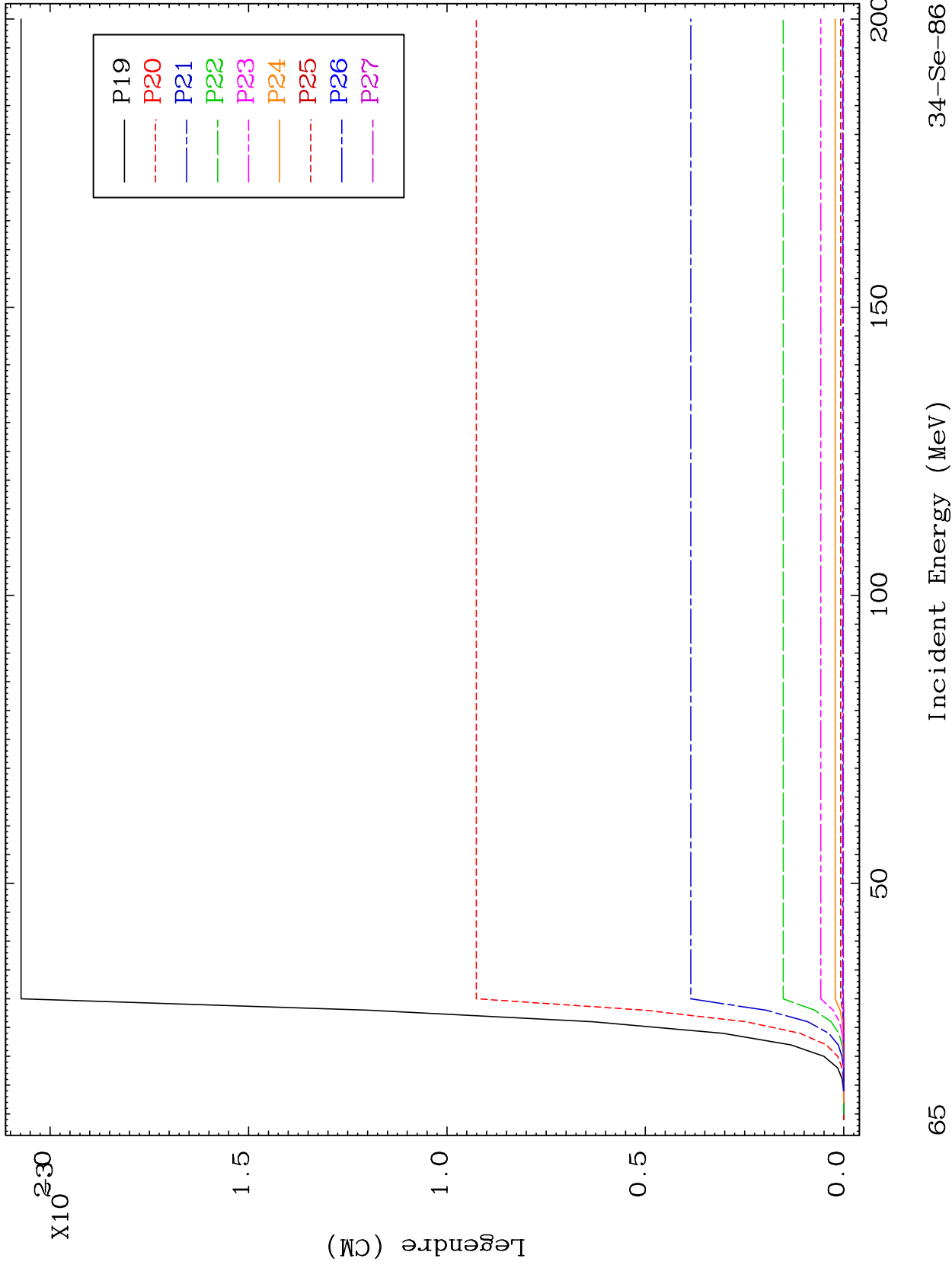
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.526 MeV (n, n') Level
Legendre Coefficients

34-Se-86



65

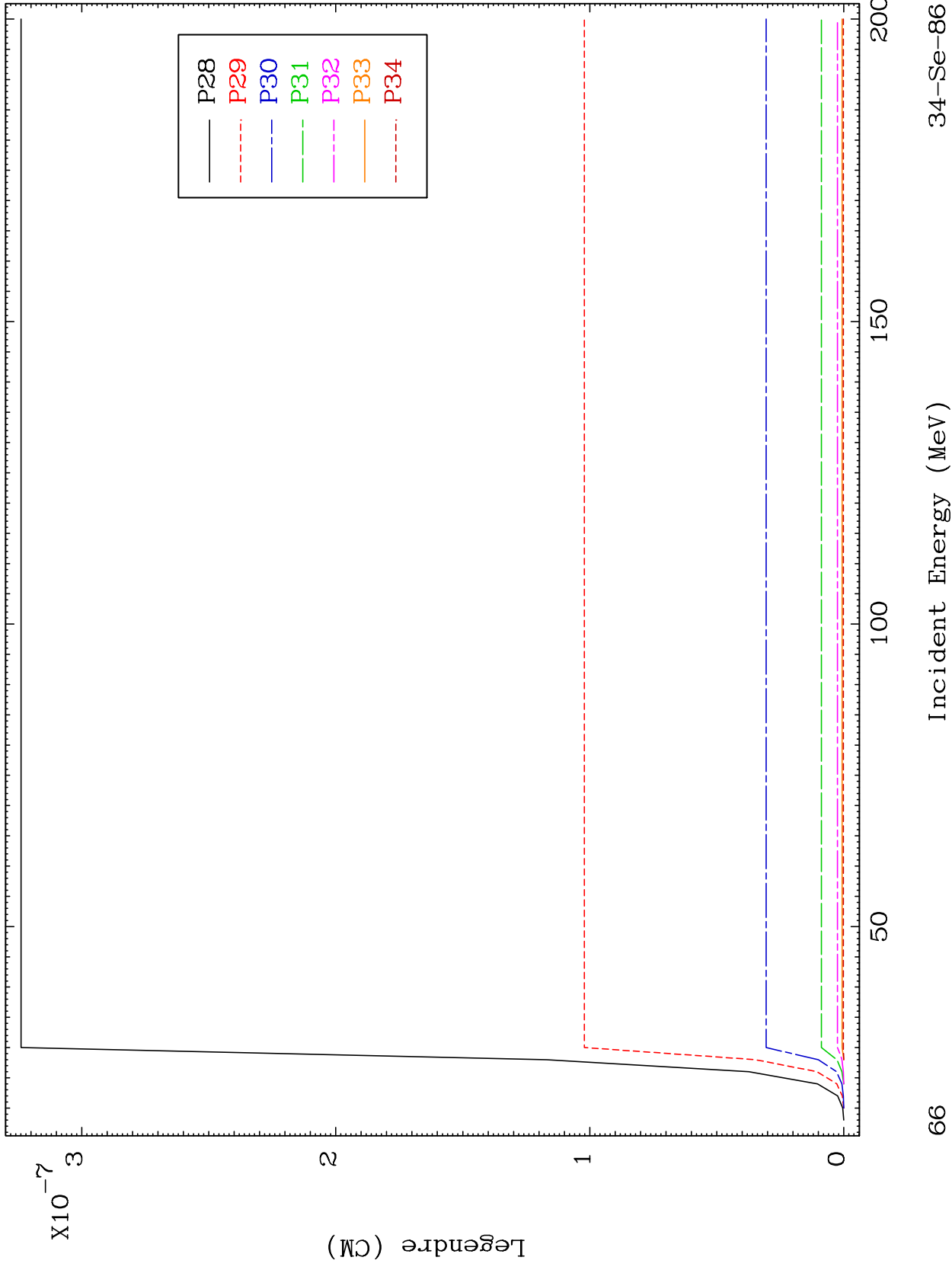
Incident Energy (MeV)

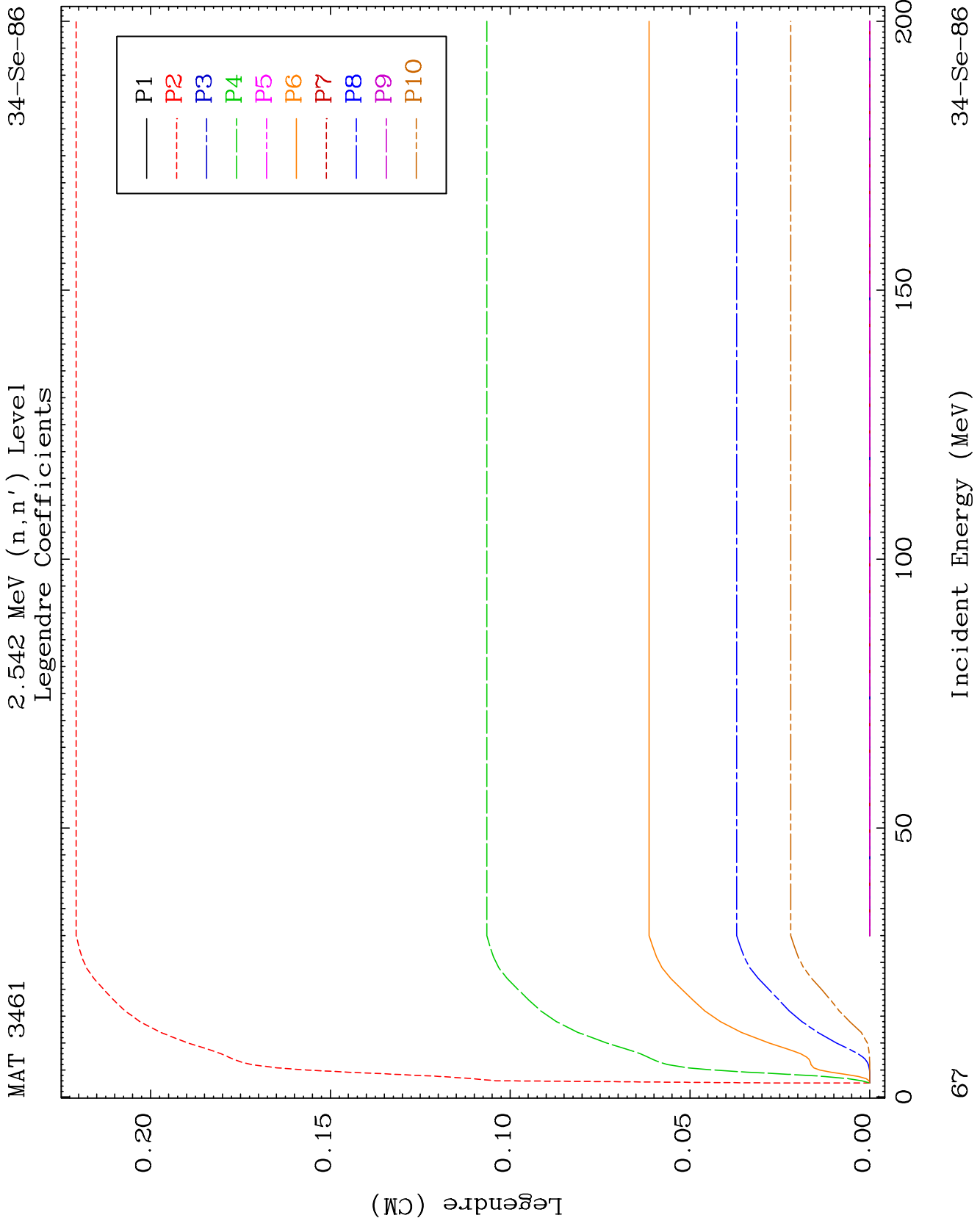
34-Se-86

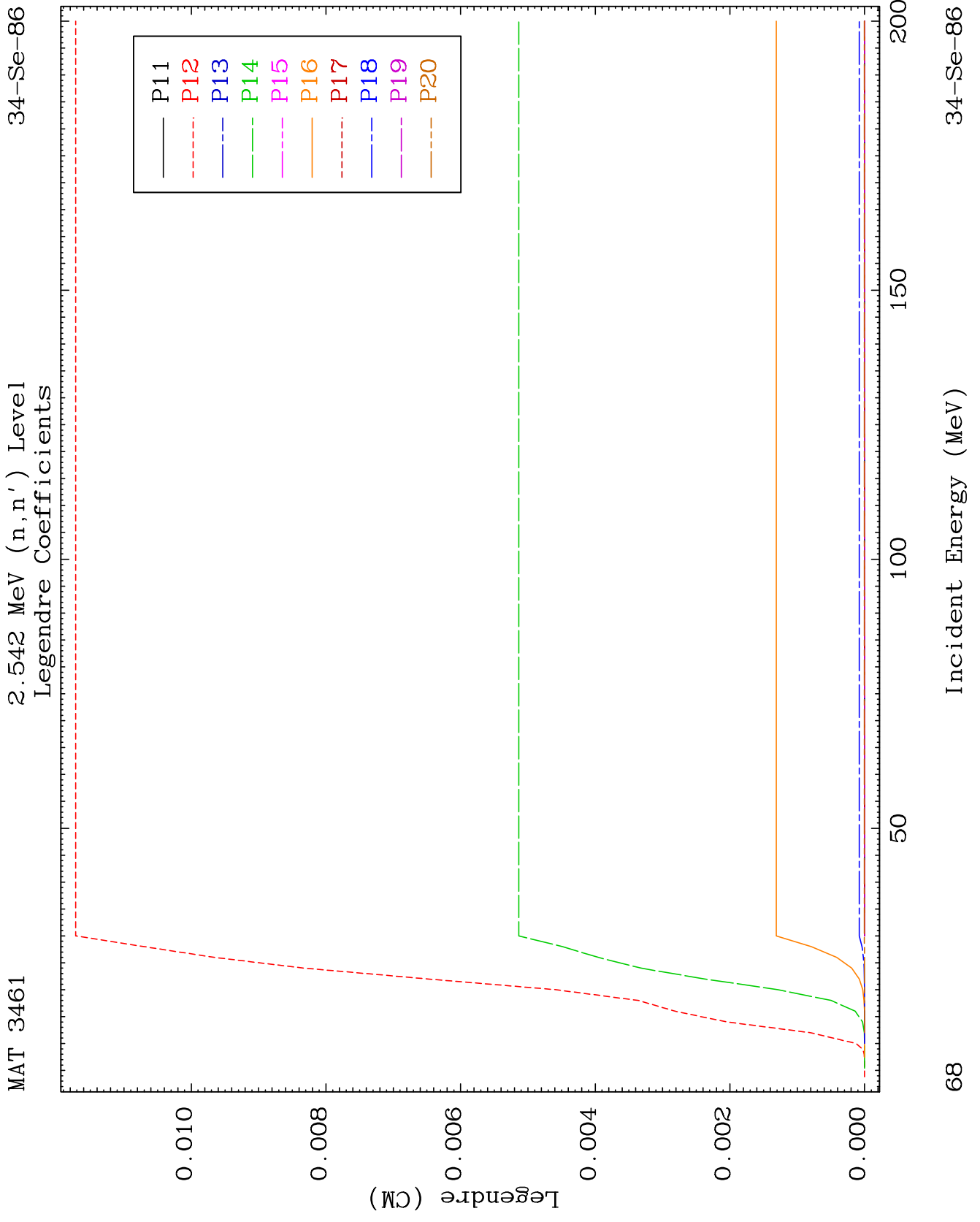
MAT 3461

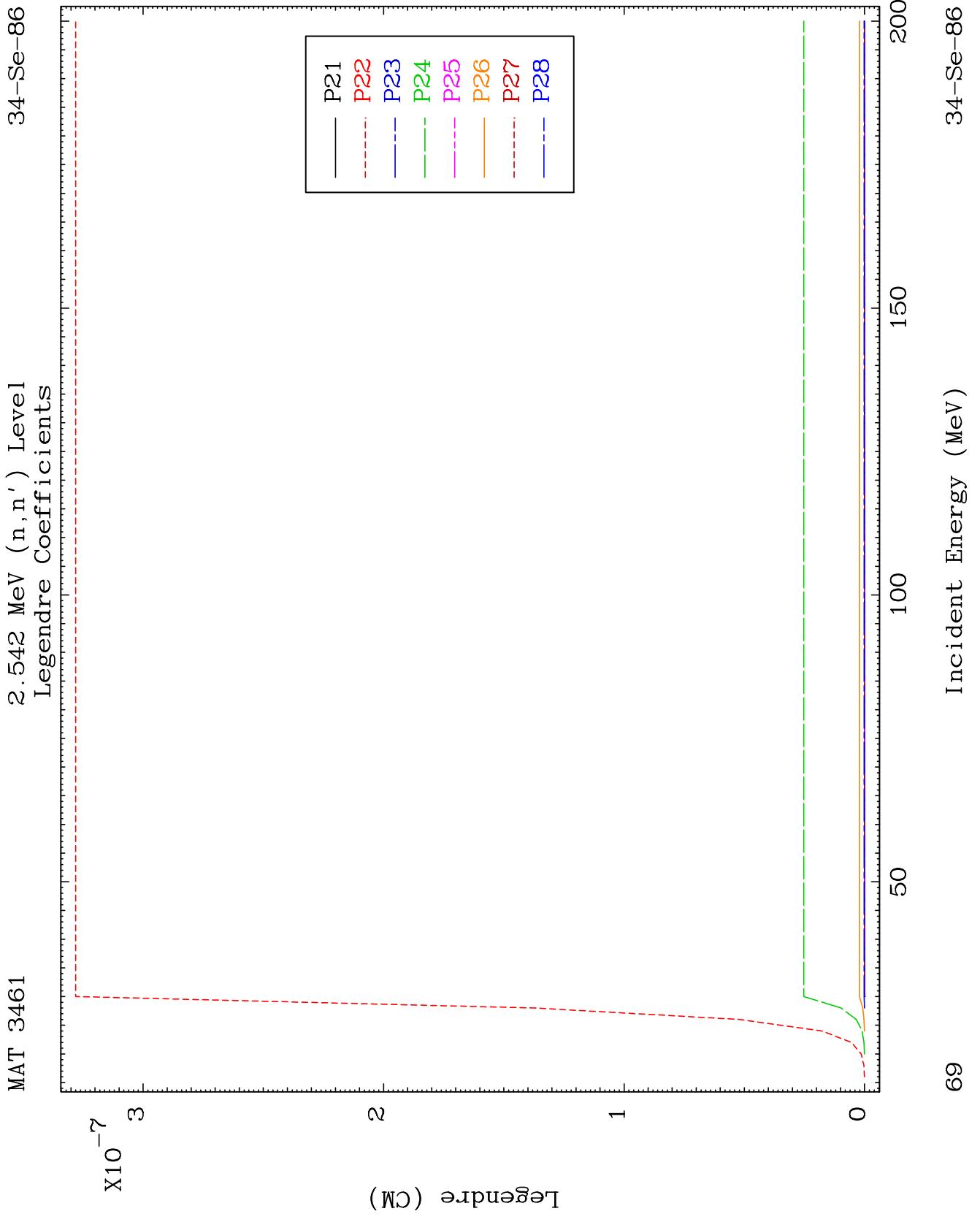
2.526 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86





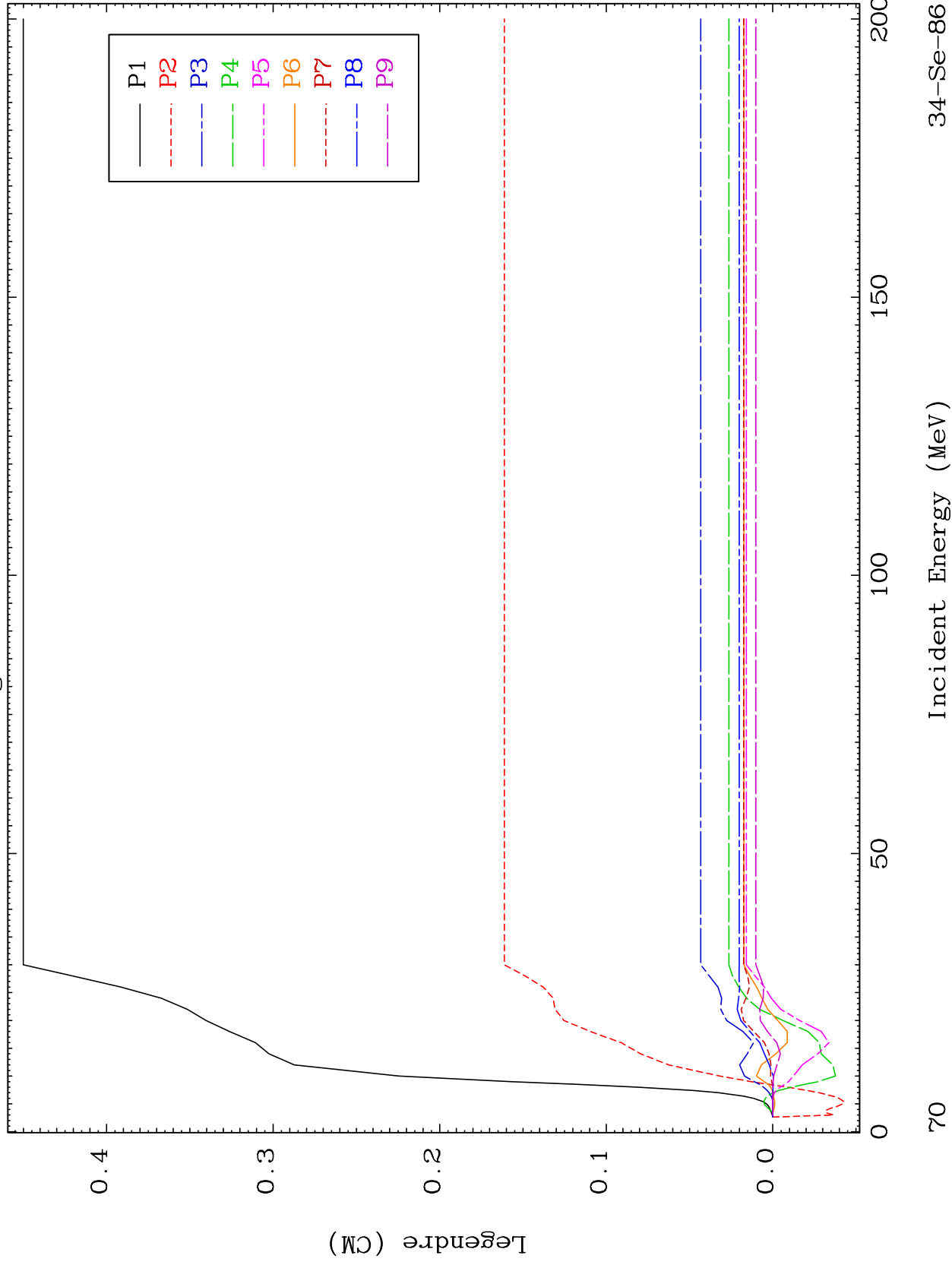




MAT 3461

2.603 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86

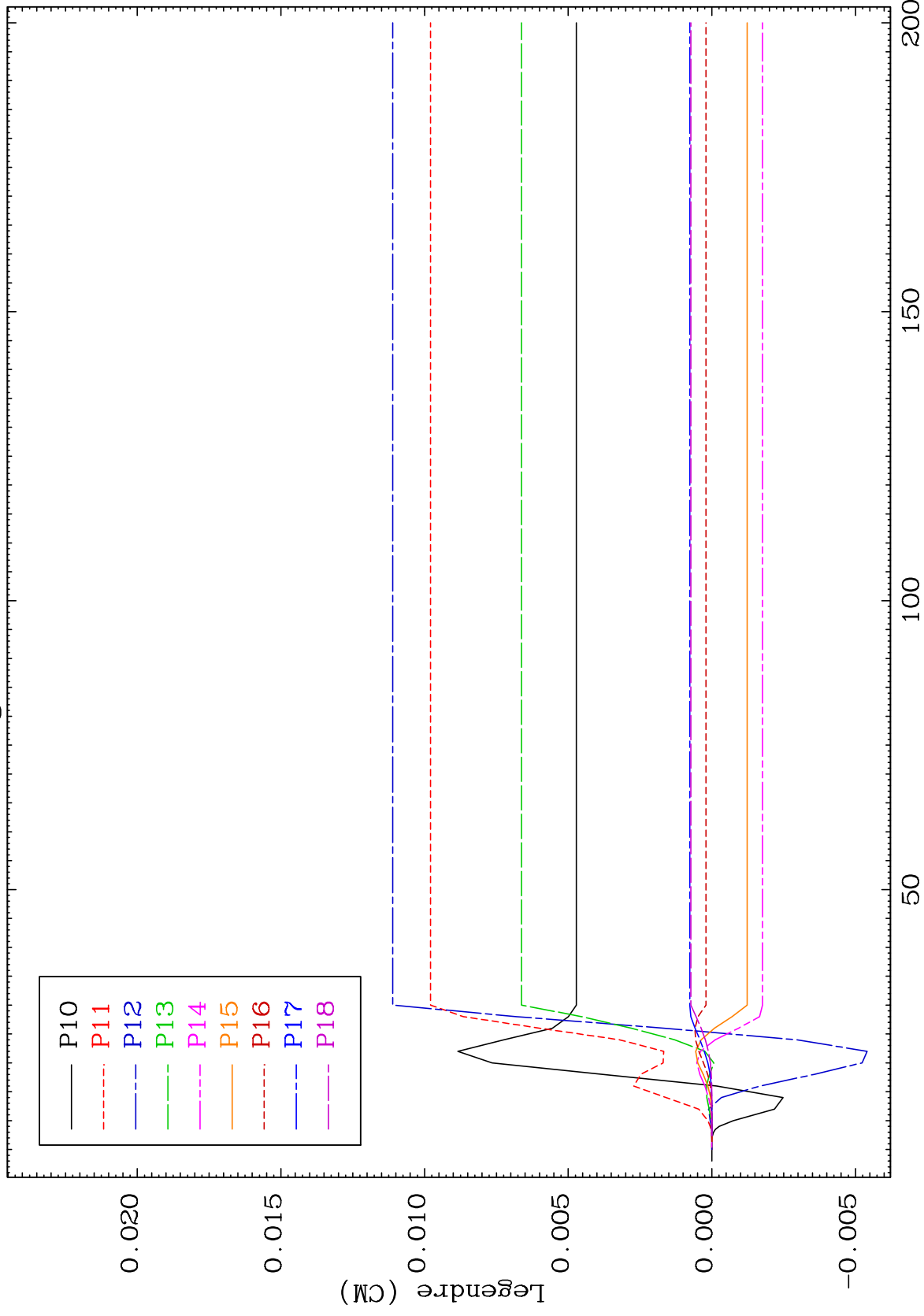


³⁴Se-86

MAT 3461

2.603 MeV (n,n') Level
Legendre Coefficients

34-Se-86



71

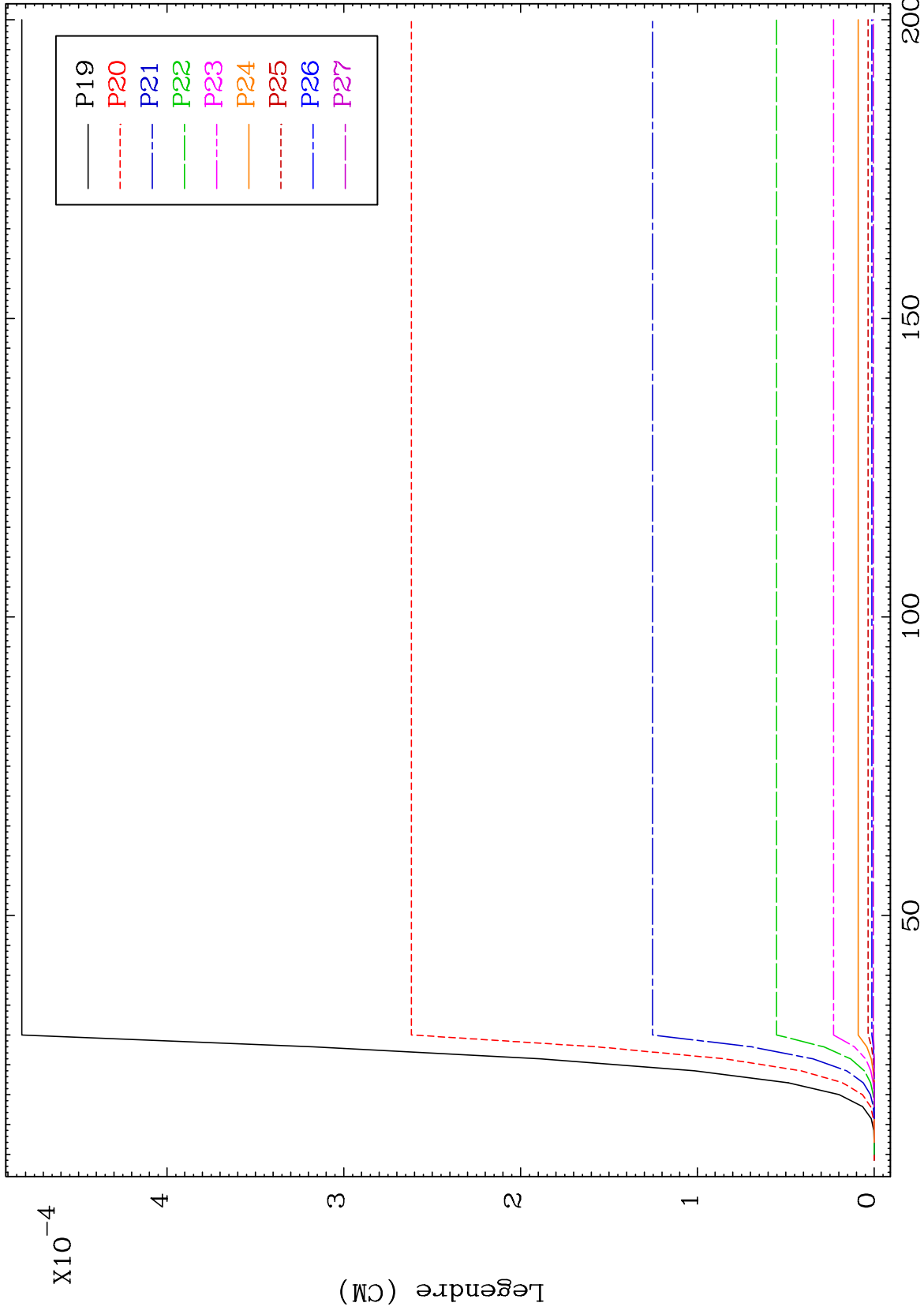
Incident Energy (MeV)

34-Se-86

MAT 3461

2.603 MeV (n,n') Level
Legendre Coefficients

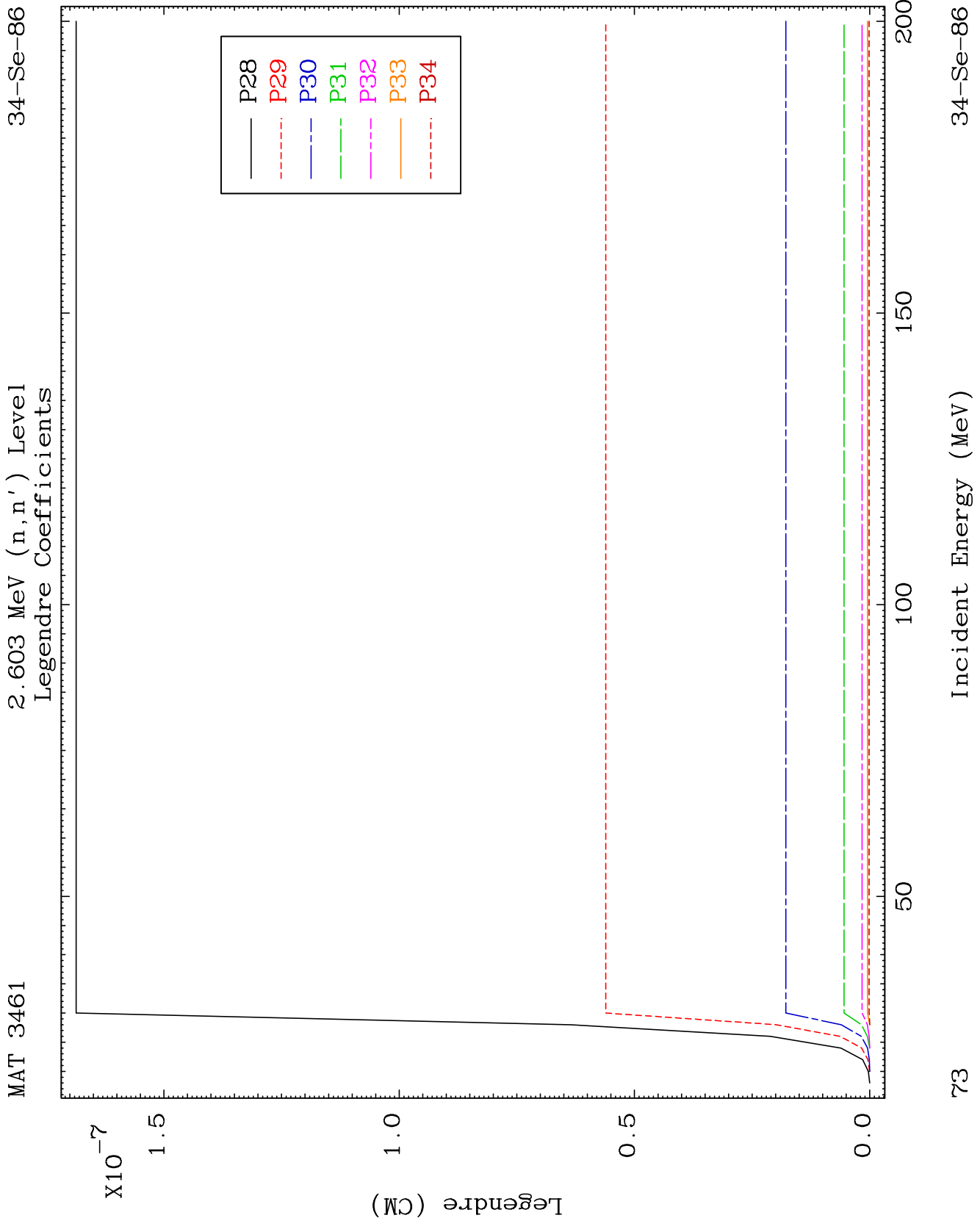
³⁴Se-86



72

Incident Energy (MeV)

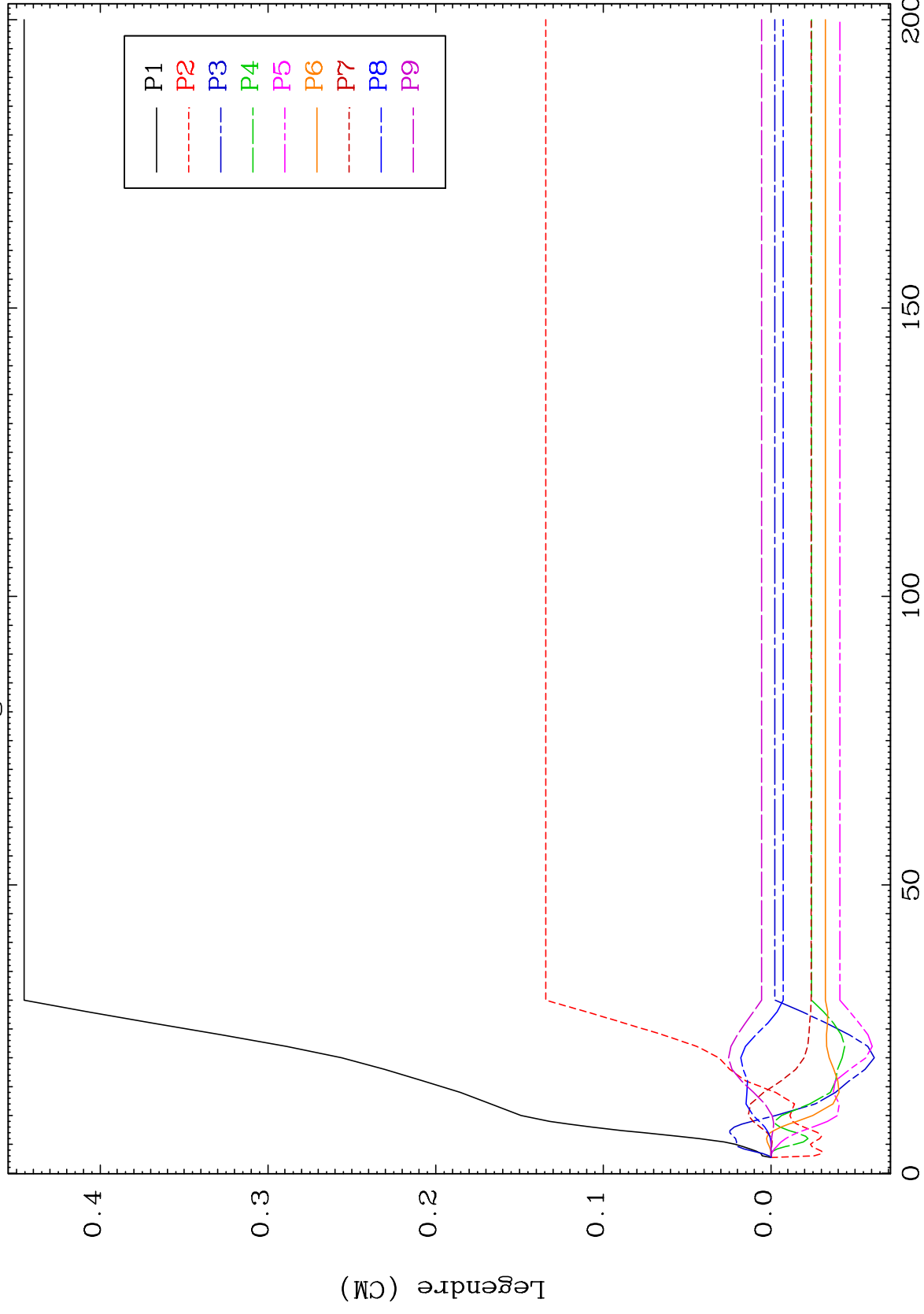
³⁴Se-86



MAT 3461

2.678 MeV (n,n') Level
Legendre Coefficients

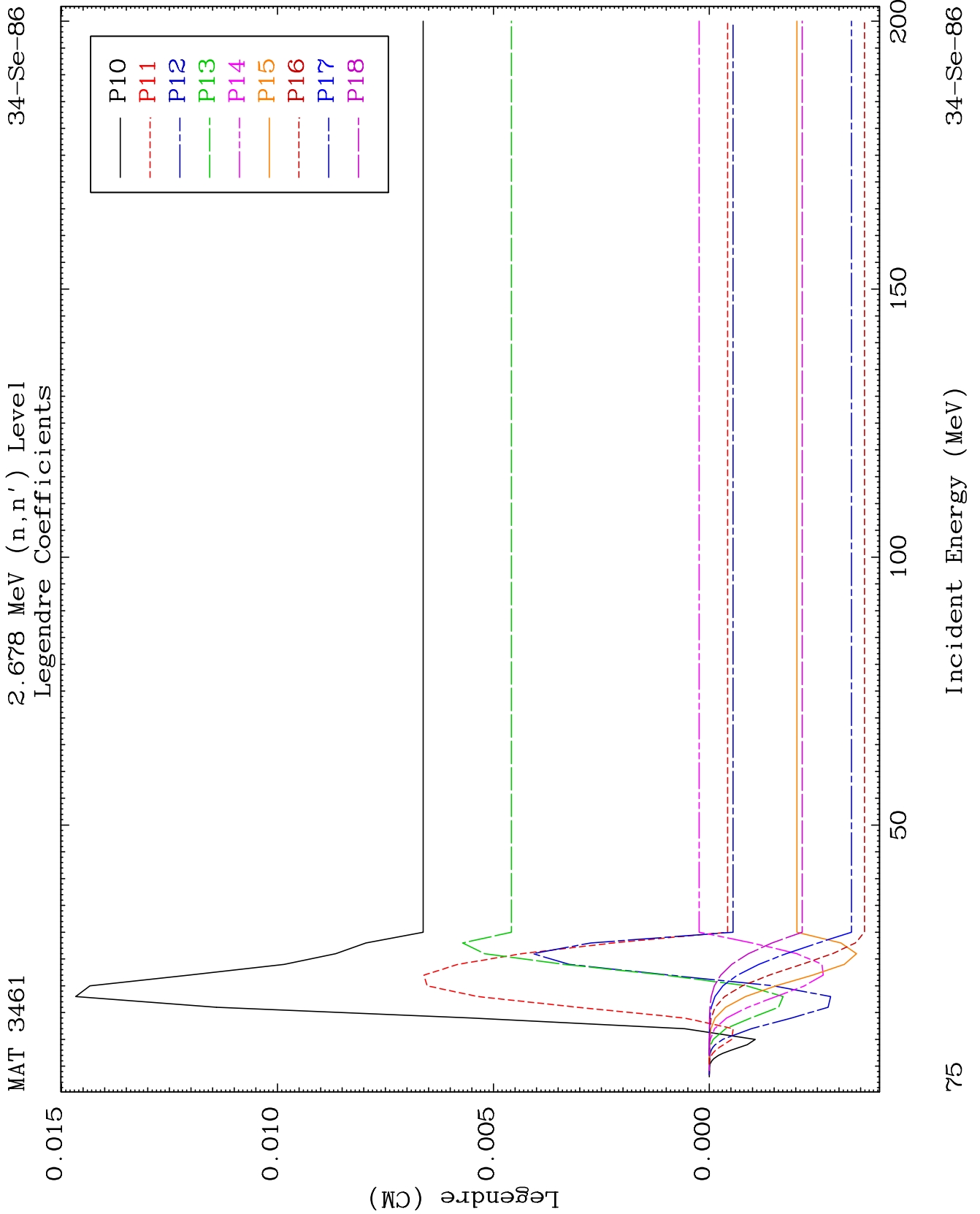
³⁴Se-86

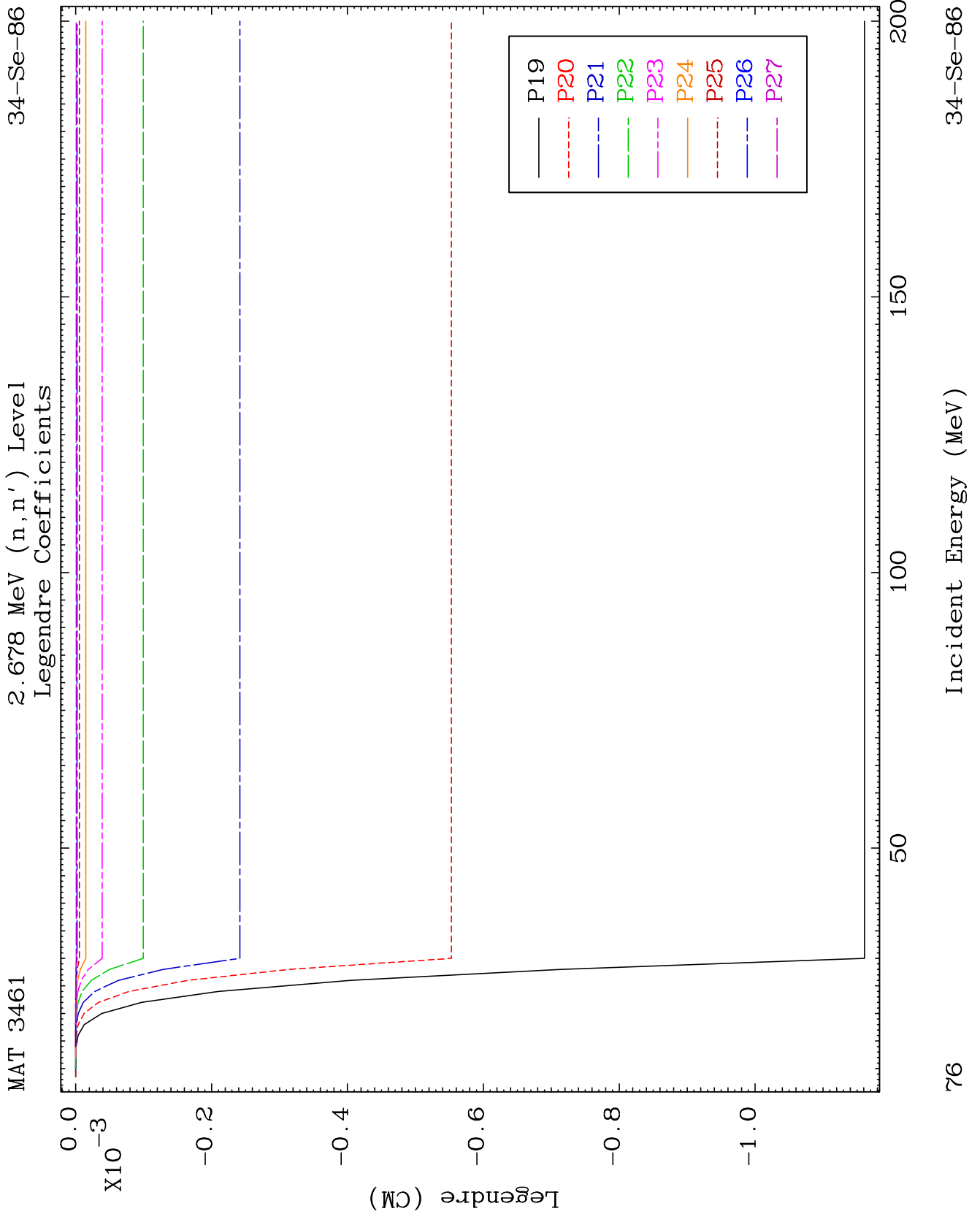


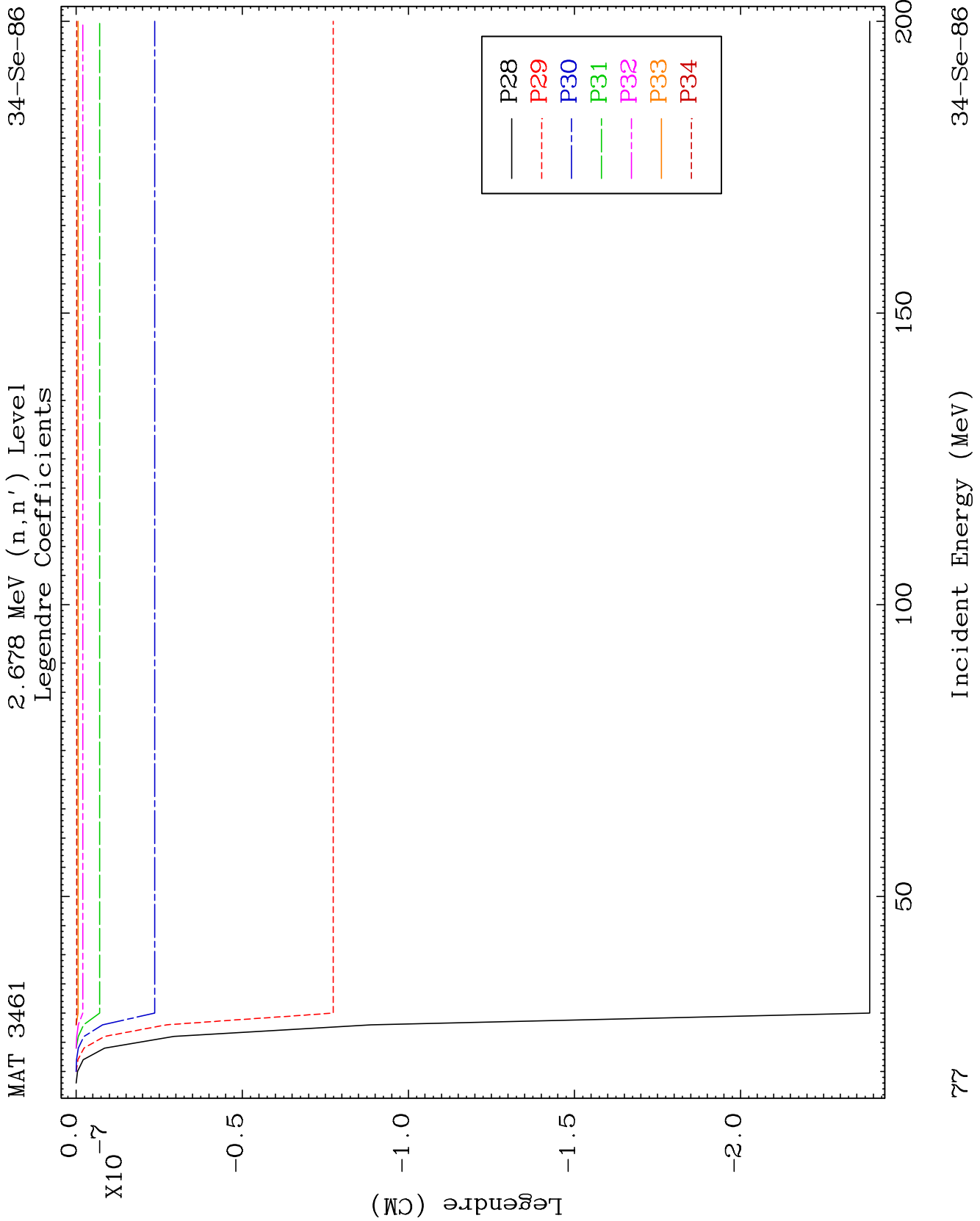
74

Incident Energy (MeV)

³⁴Se-86



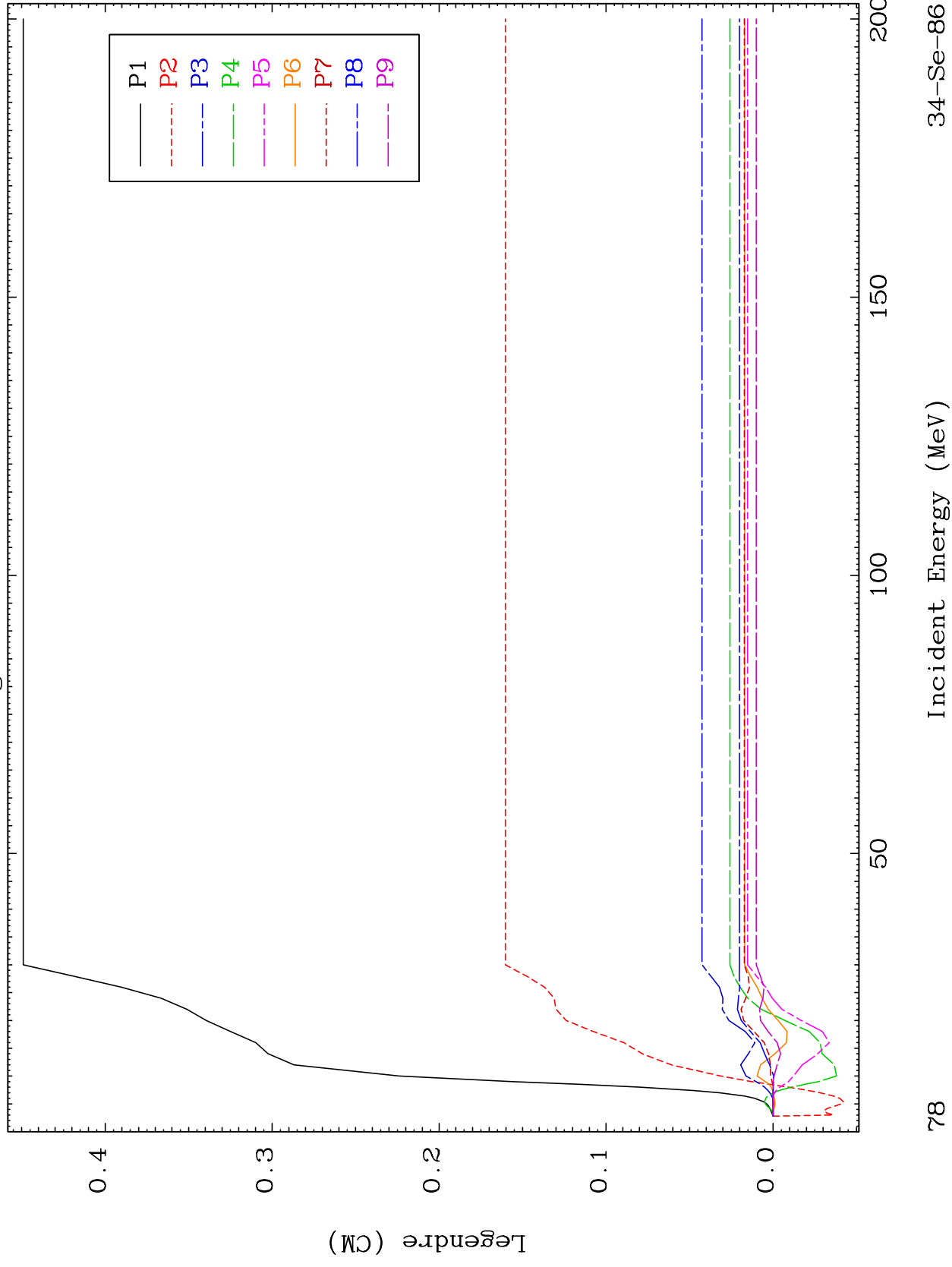




MAT 3461

2.758 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



78

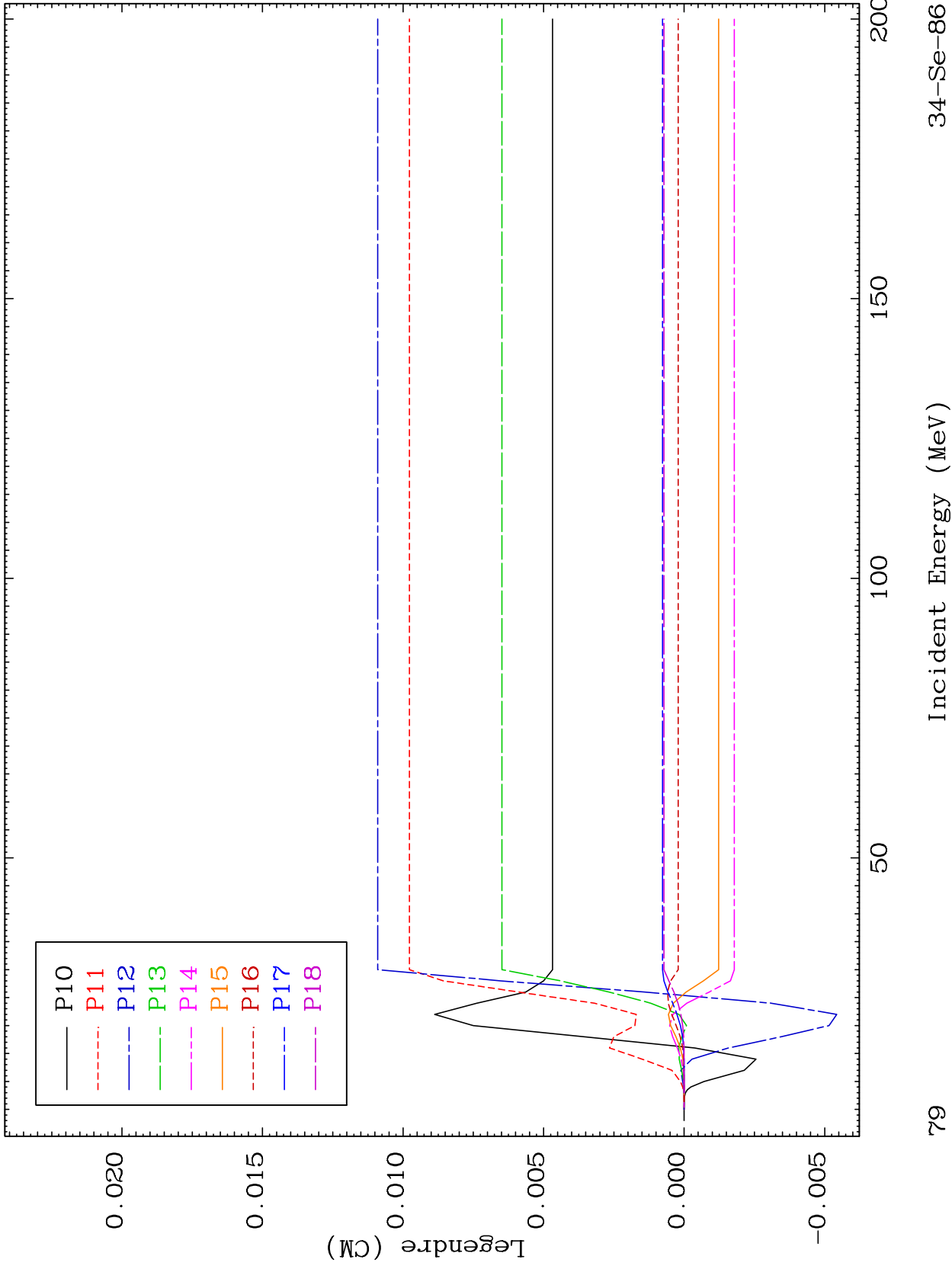
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.758 MeV (n,n') Level
Legendre Coefficients

34-Se-86



79

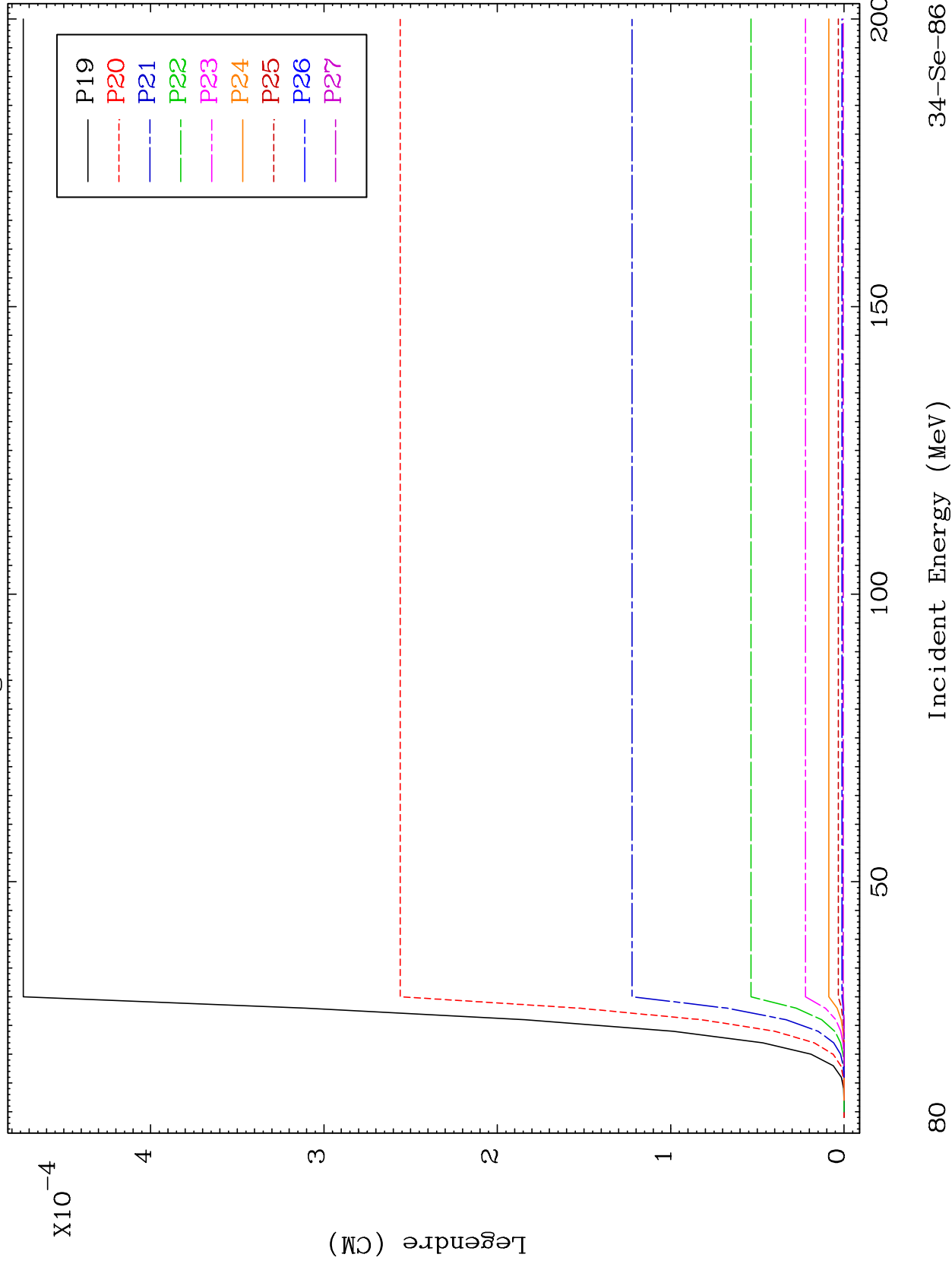
Incident Energy (MeV)

34-Se-86

MAT 3461

2.758 MeV (n,n') Level
Legendre Coefficients

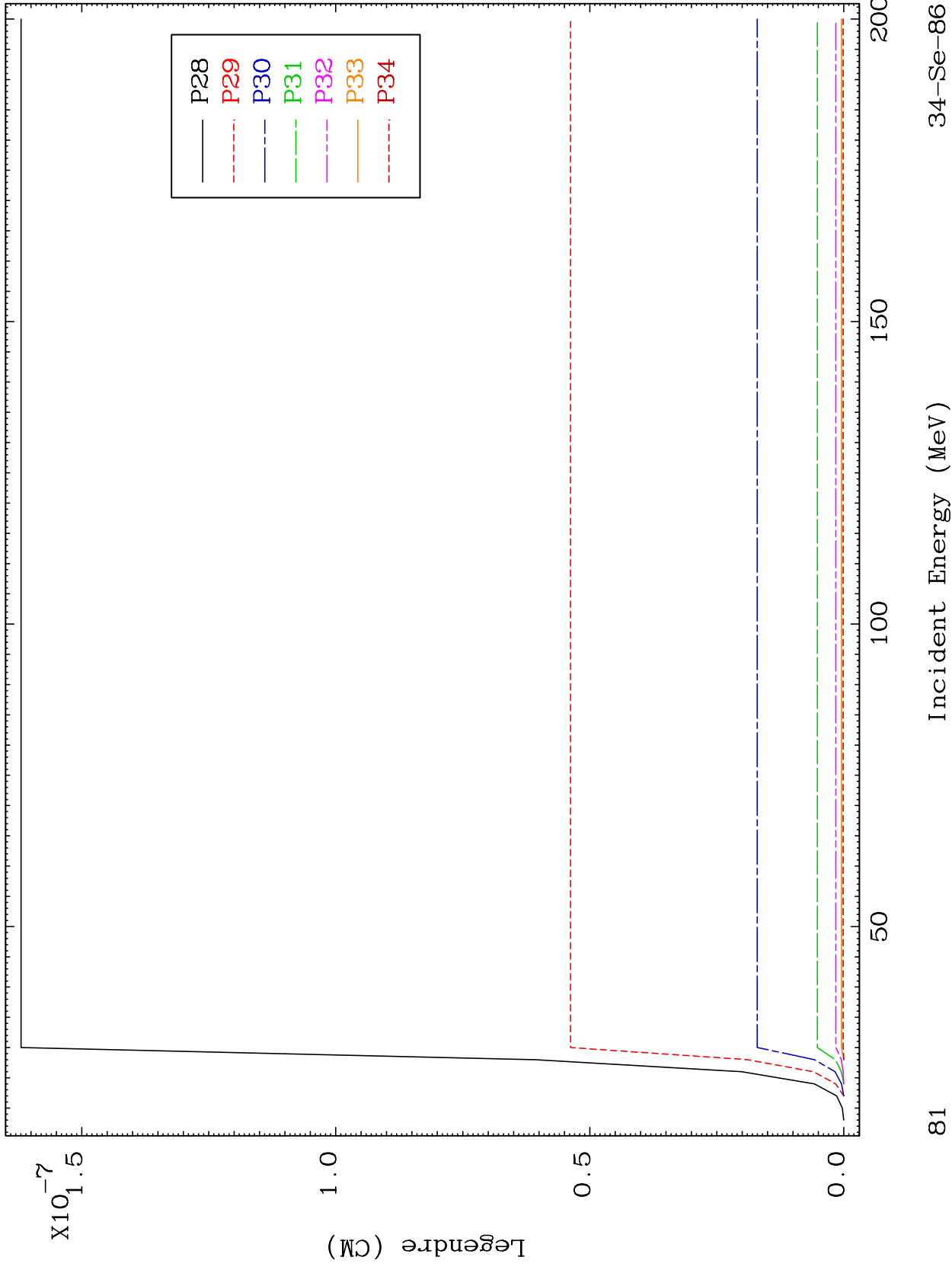
³⁴Se-86



MAT 3461

2.758 MeV (n,n') Level
Legendre Coefficients

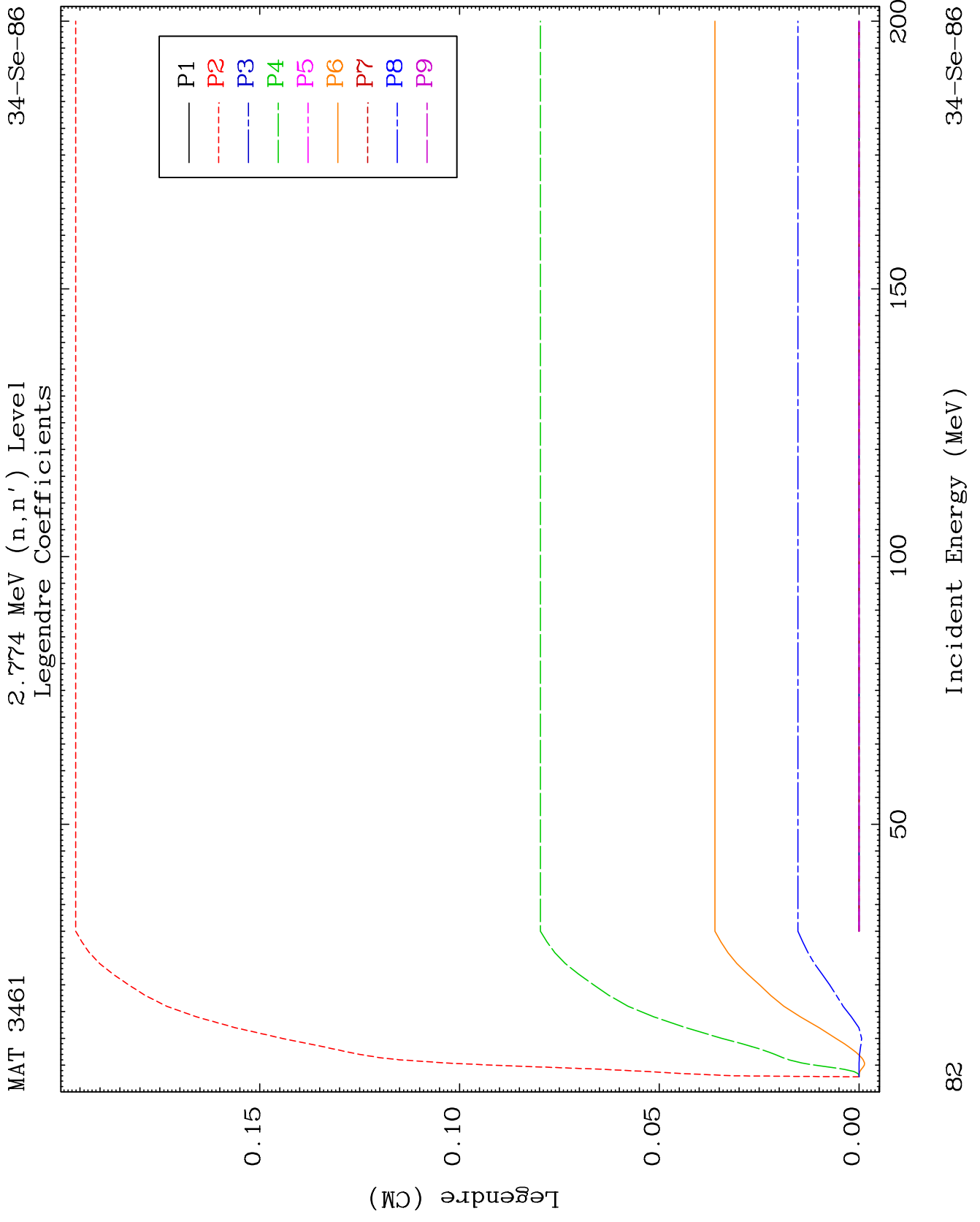
34-Se-86

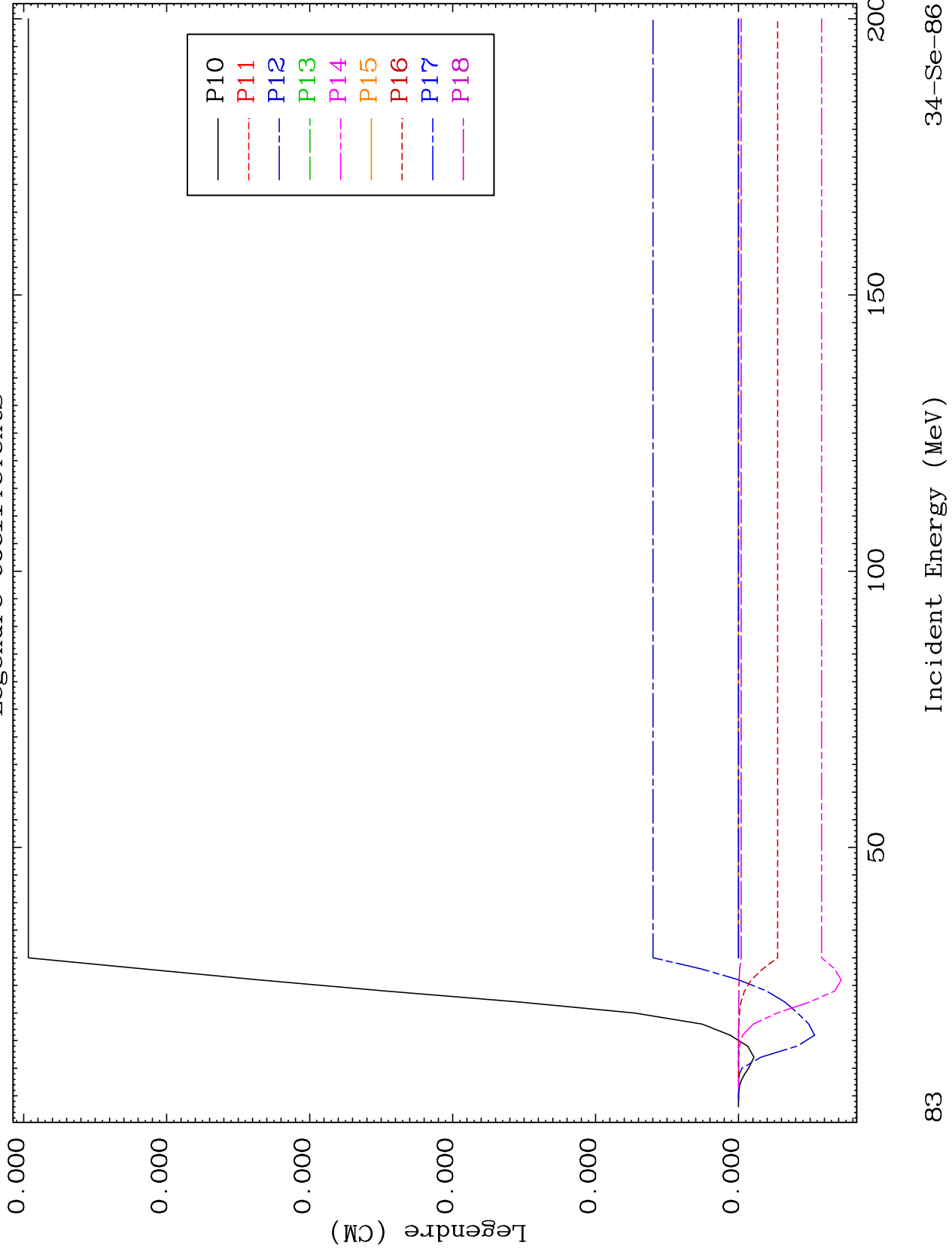


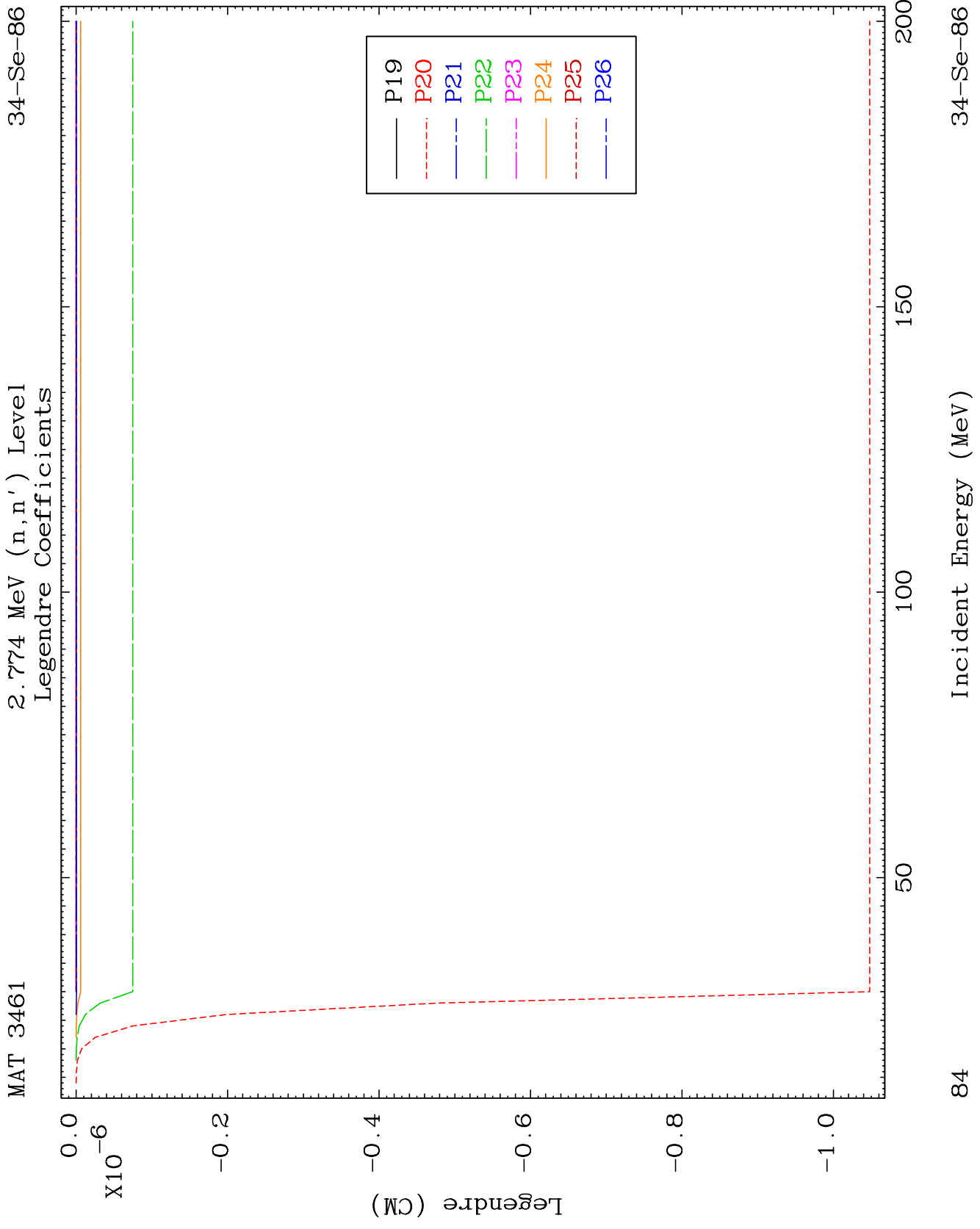
81

Incident Energy (MeV)

34-Se-86



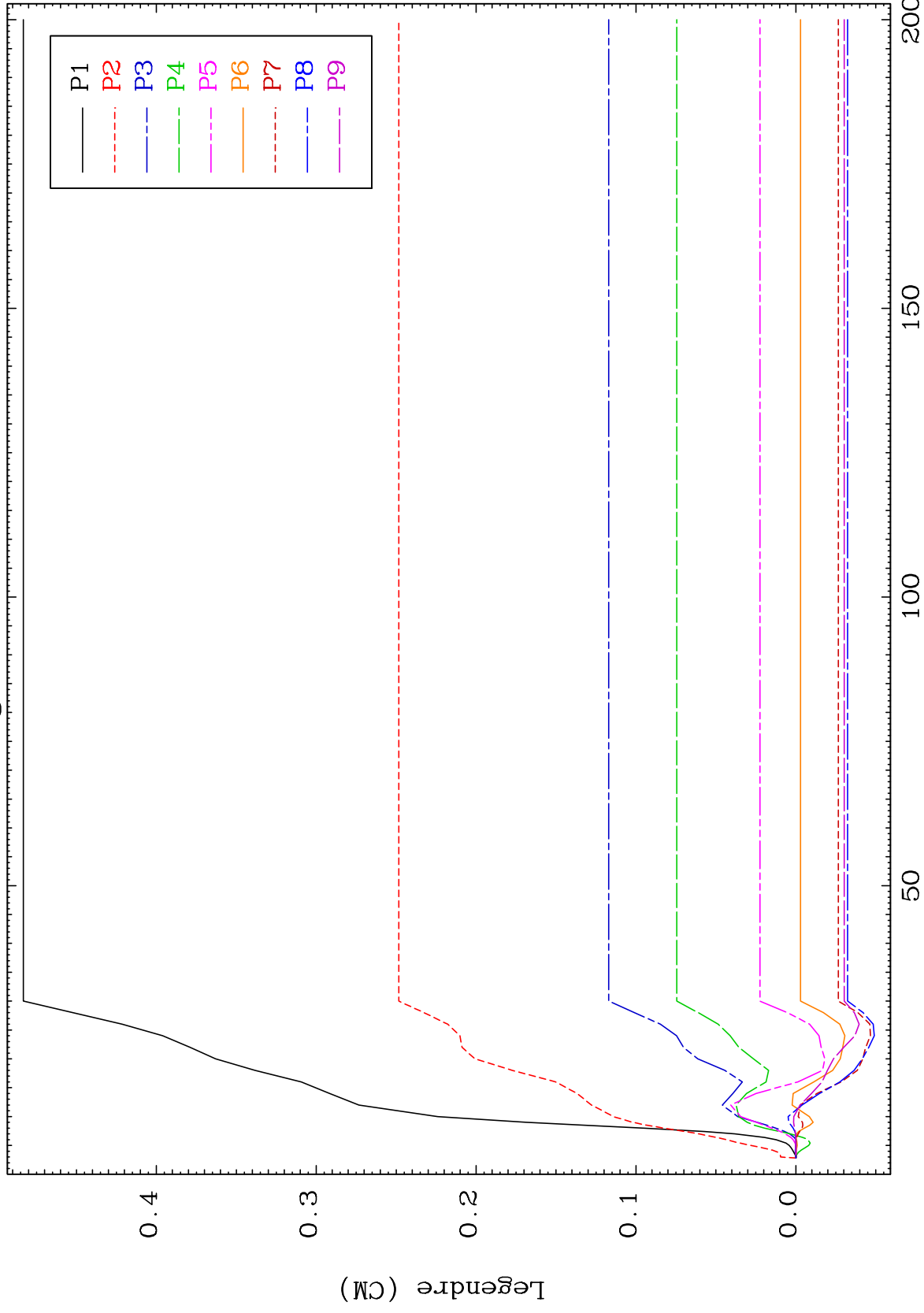




MAT 3461

2.778 MeV (n,n') Level
Legendre Coefficients

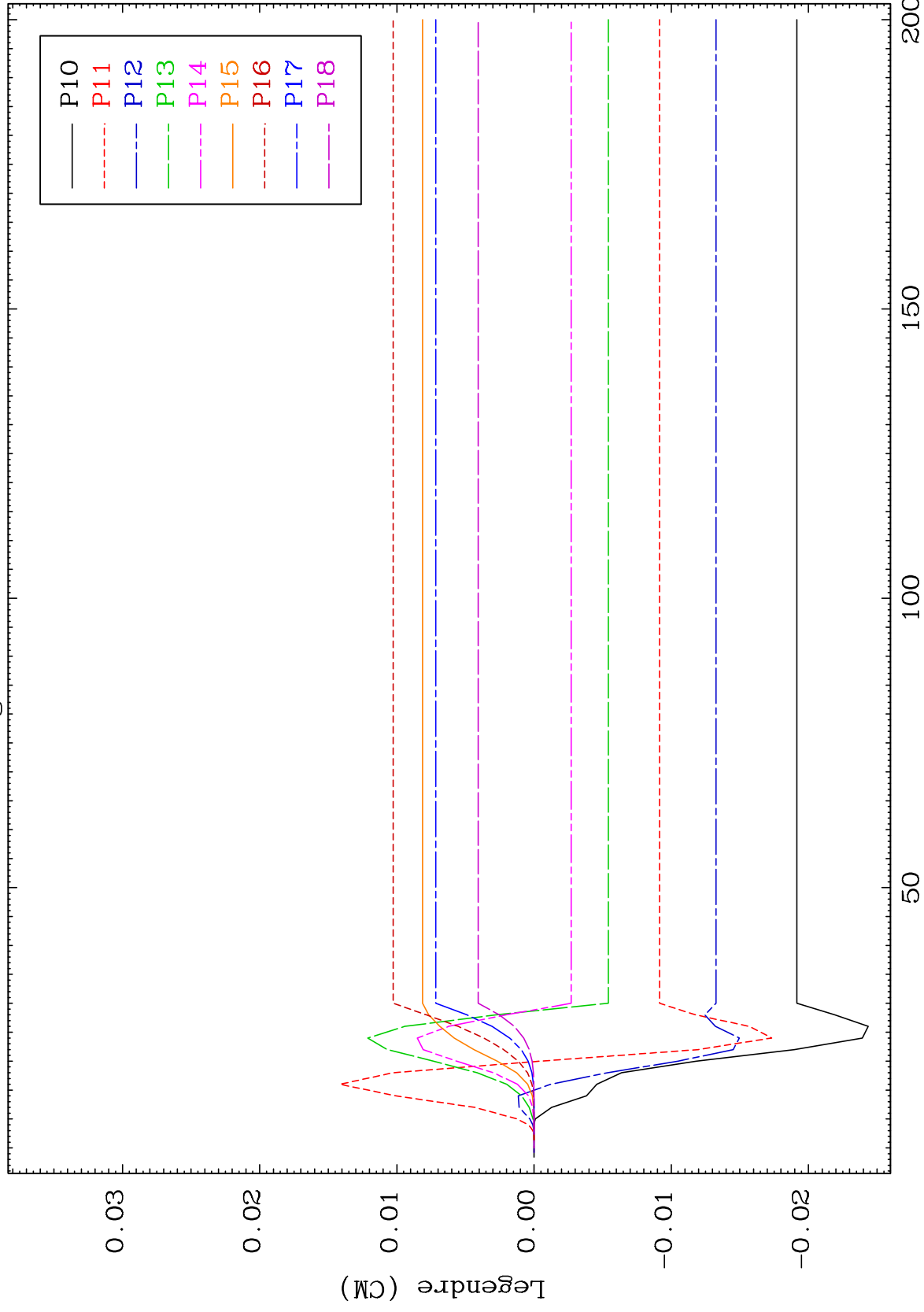
³⁴Se-86



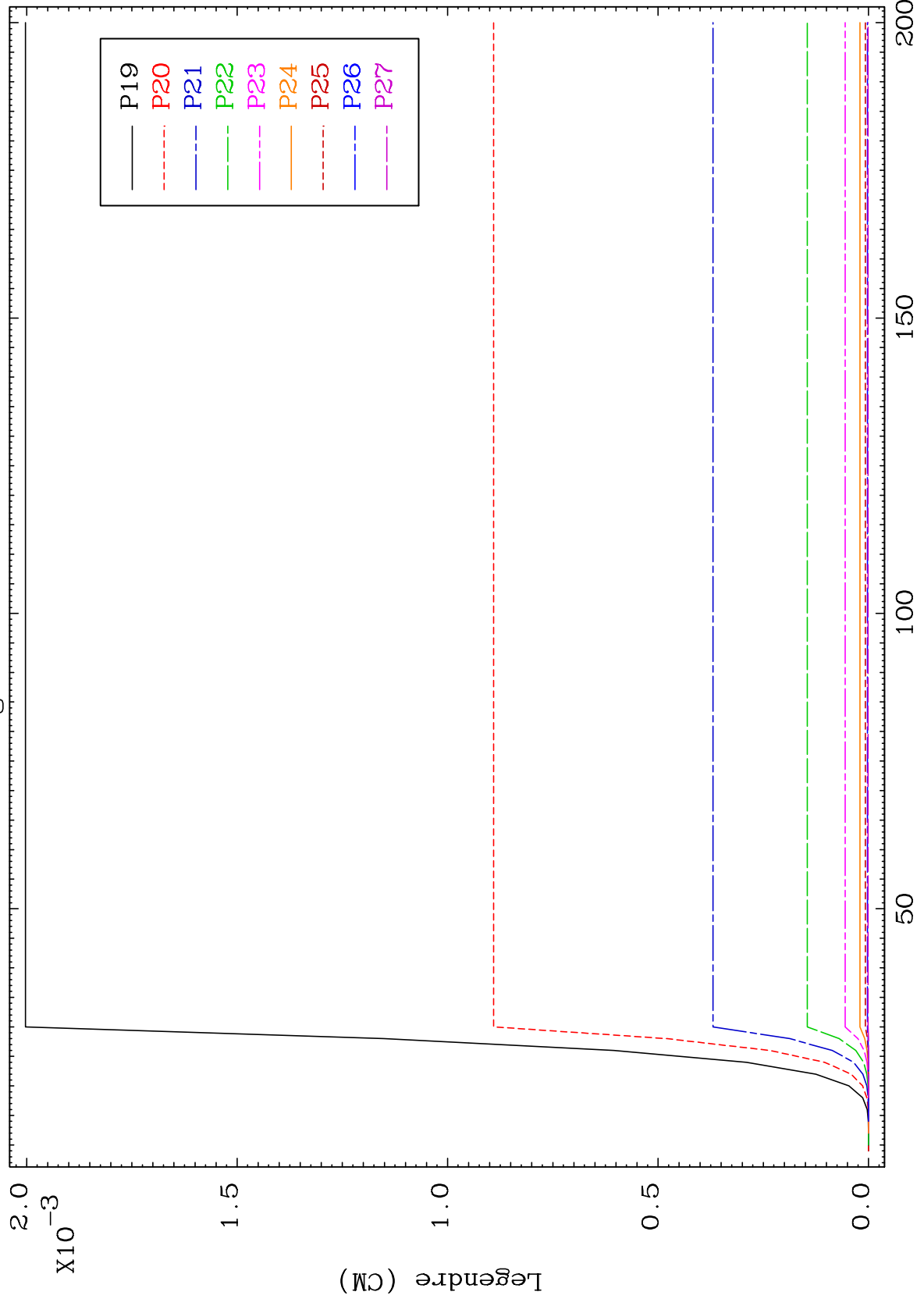
85

Incident Energy (MeV)

³⁴Se-86



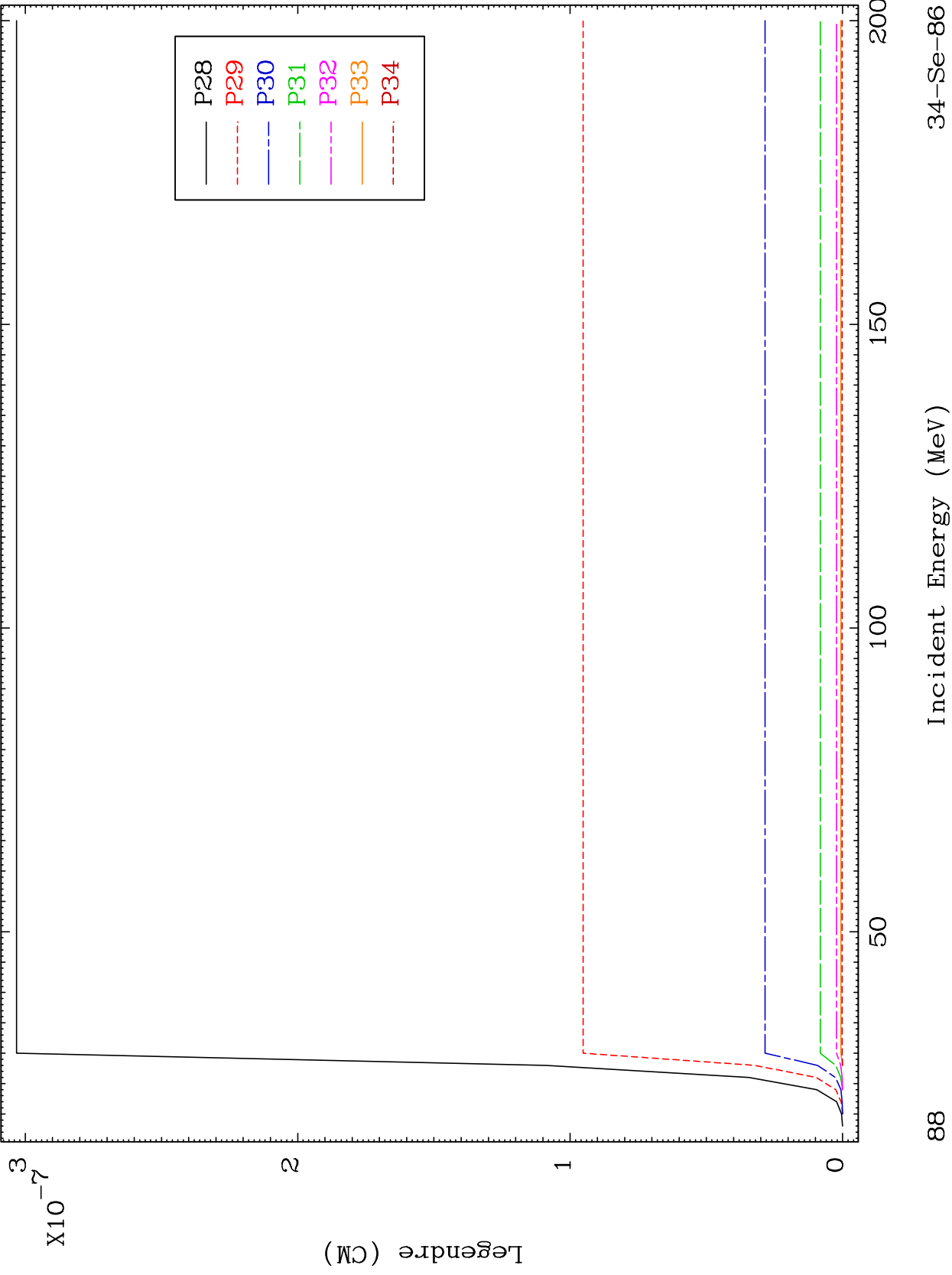
2.778 MeV (n,n') Level
Legendre Coefficients



MAT 3461

2.778 MeV (n,n') Level
Legendre Coefficients

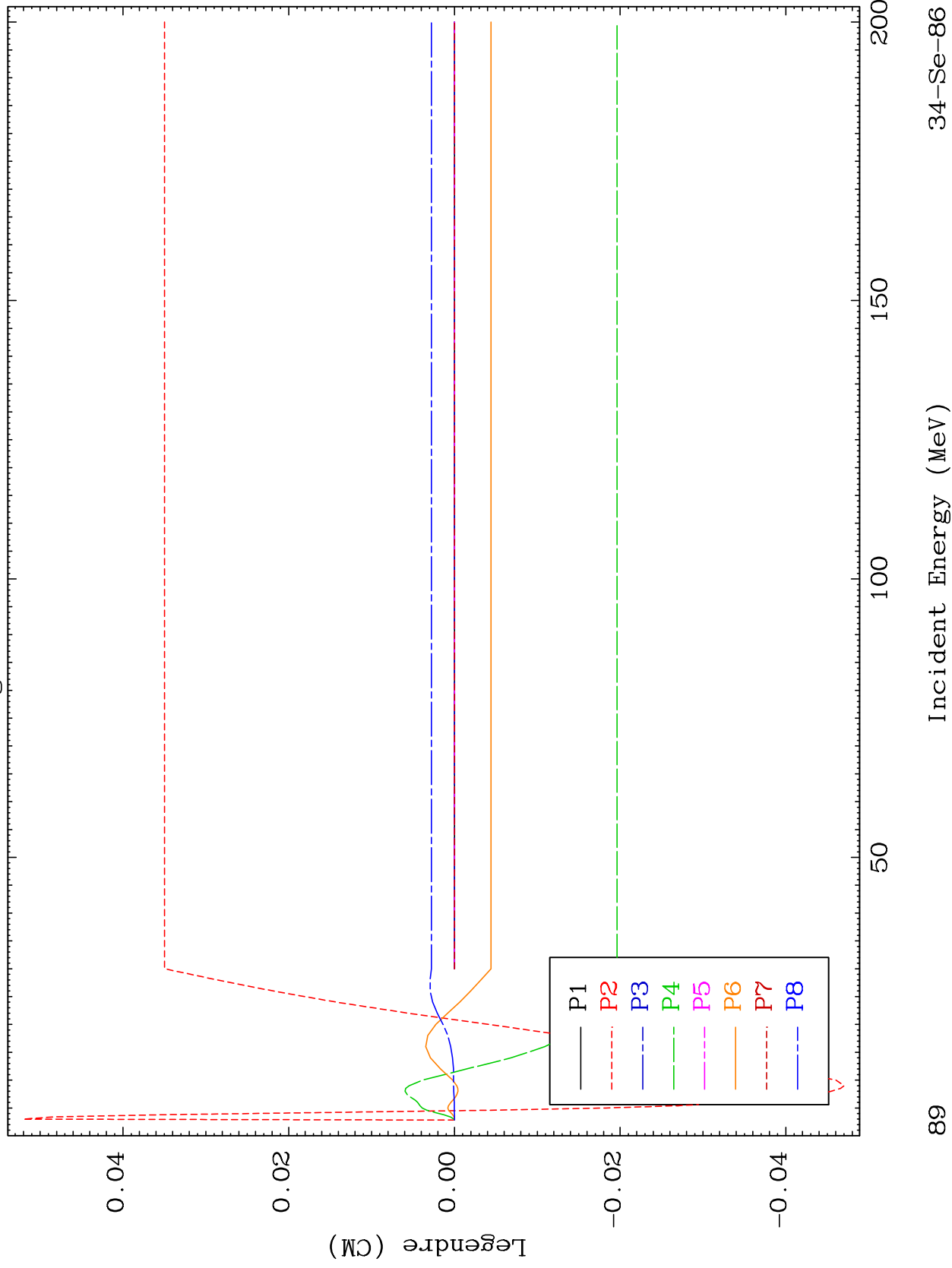
34-Se-86

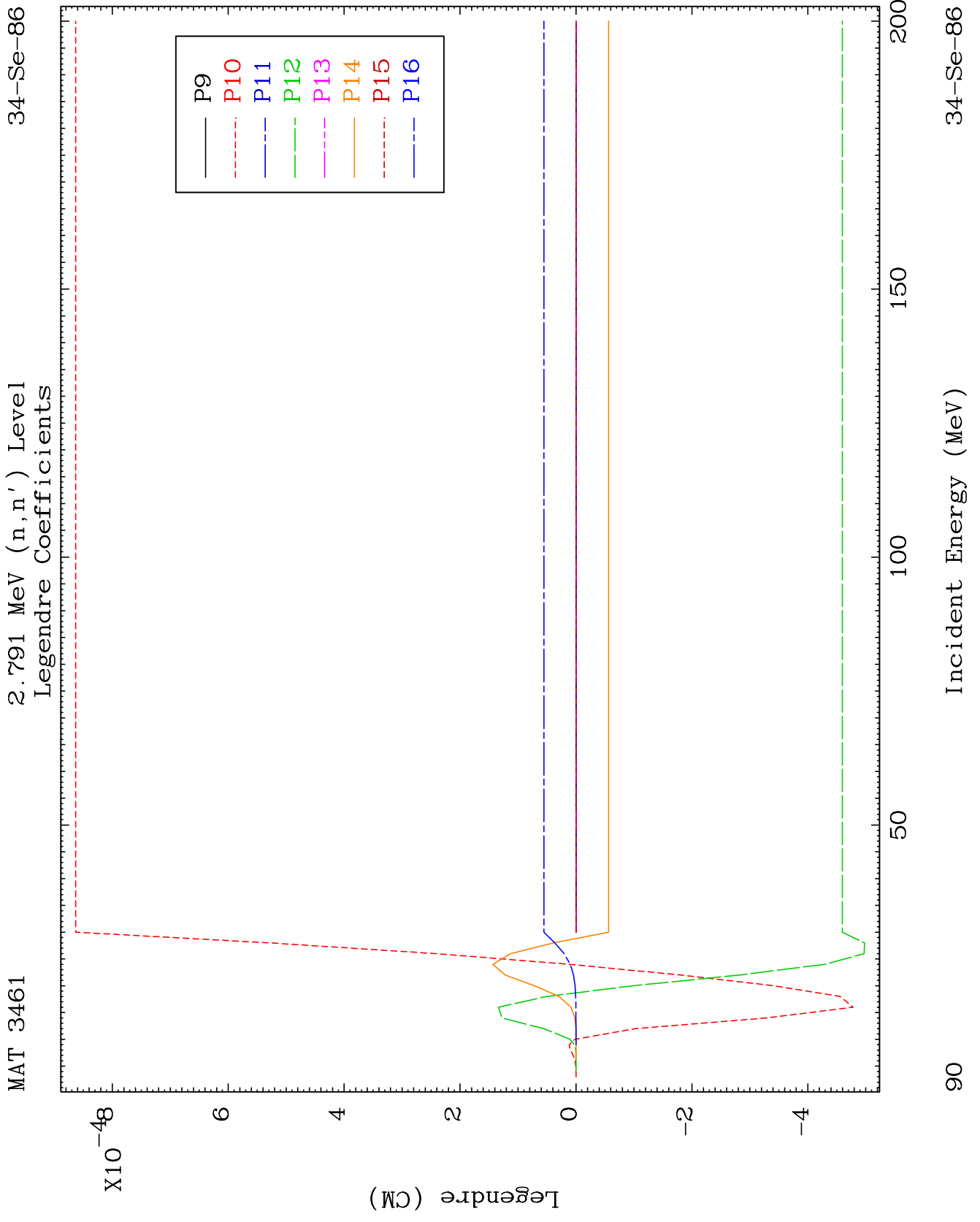


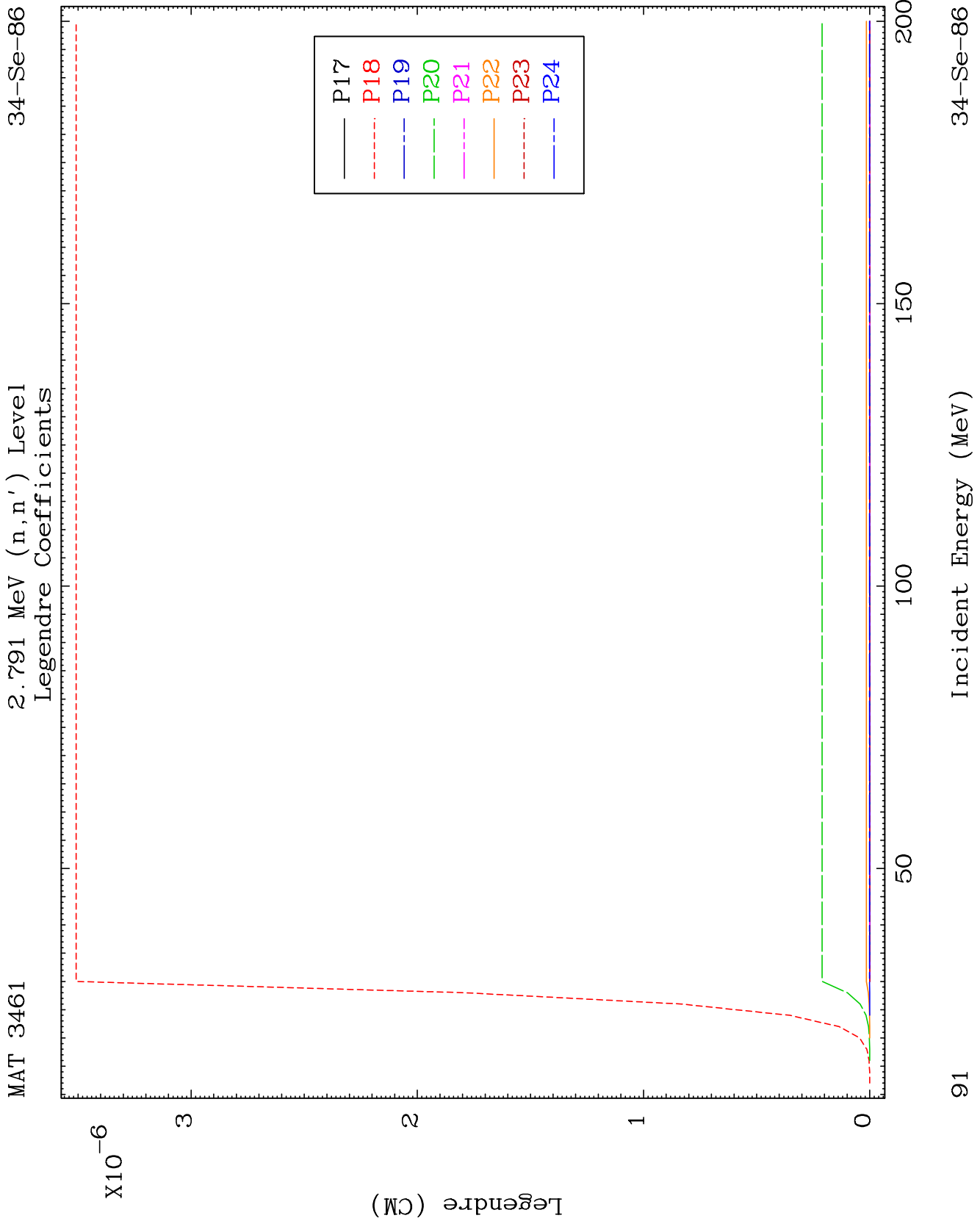
88

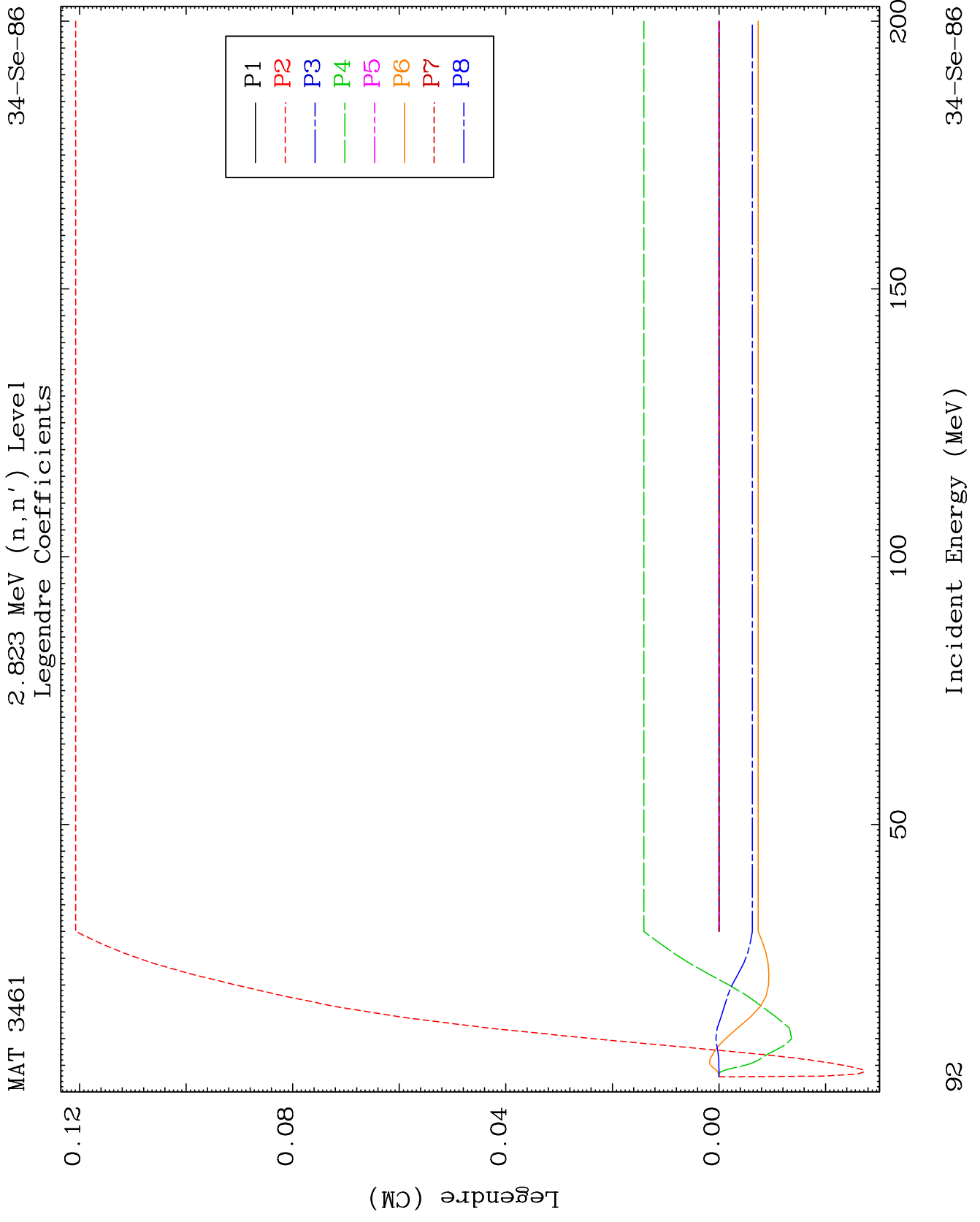
Incident Energy (MeV)

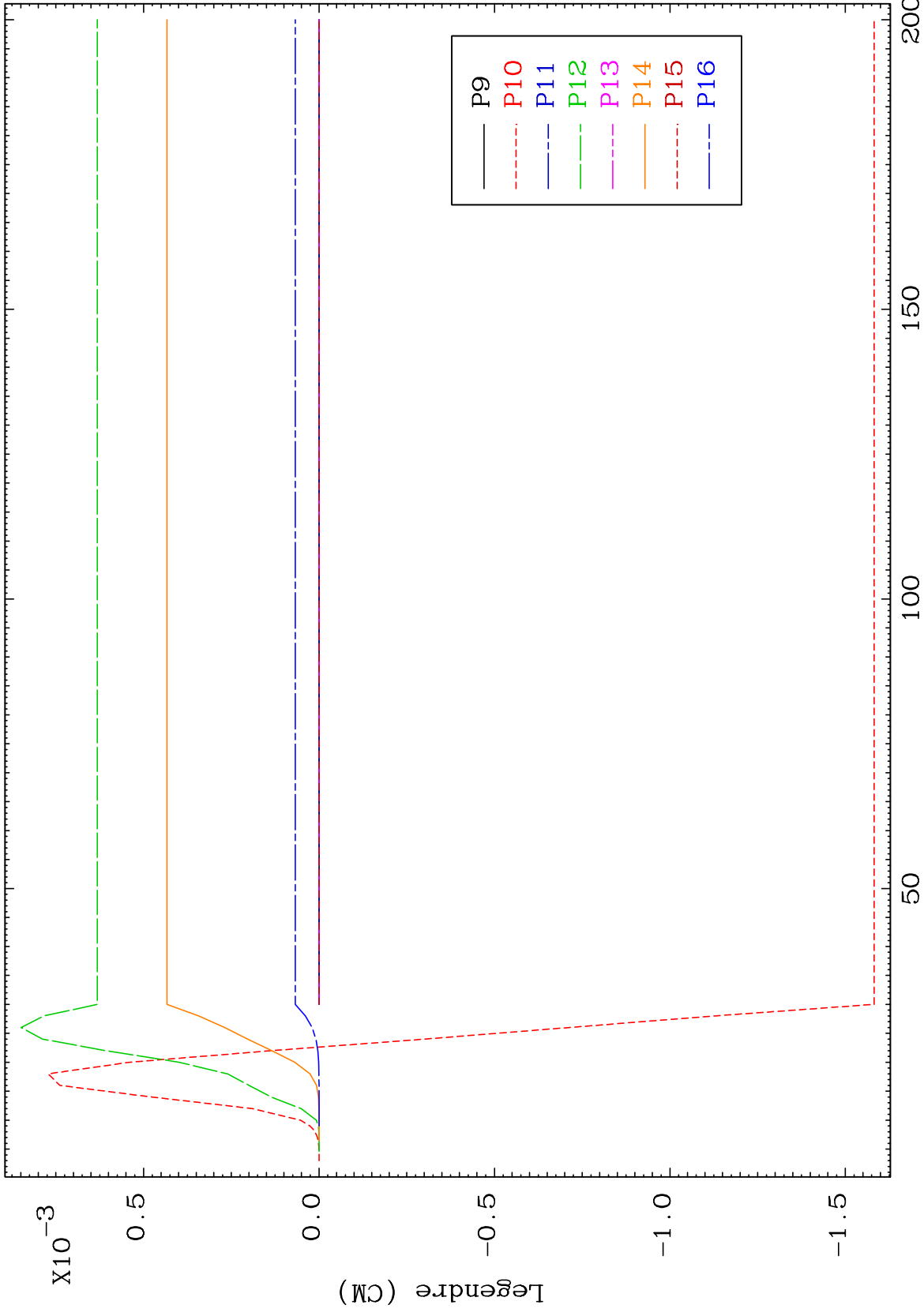
34-Se-86

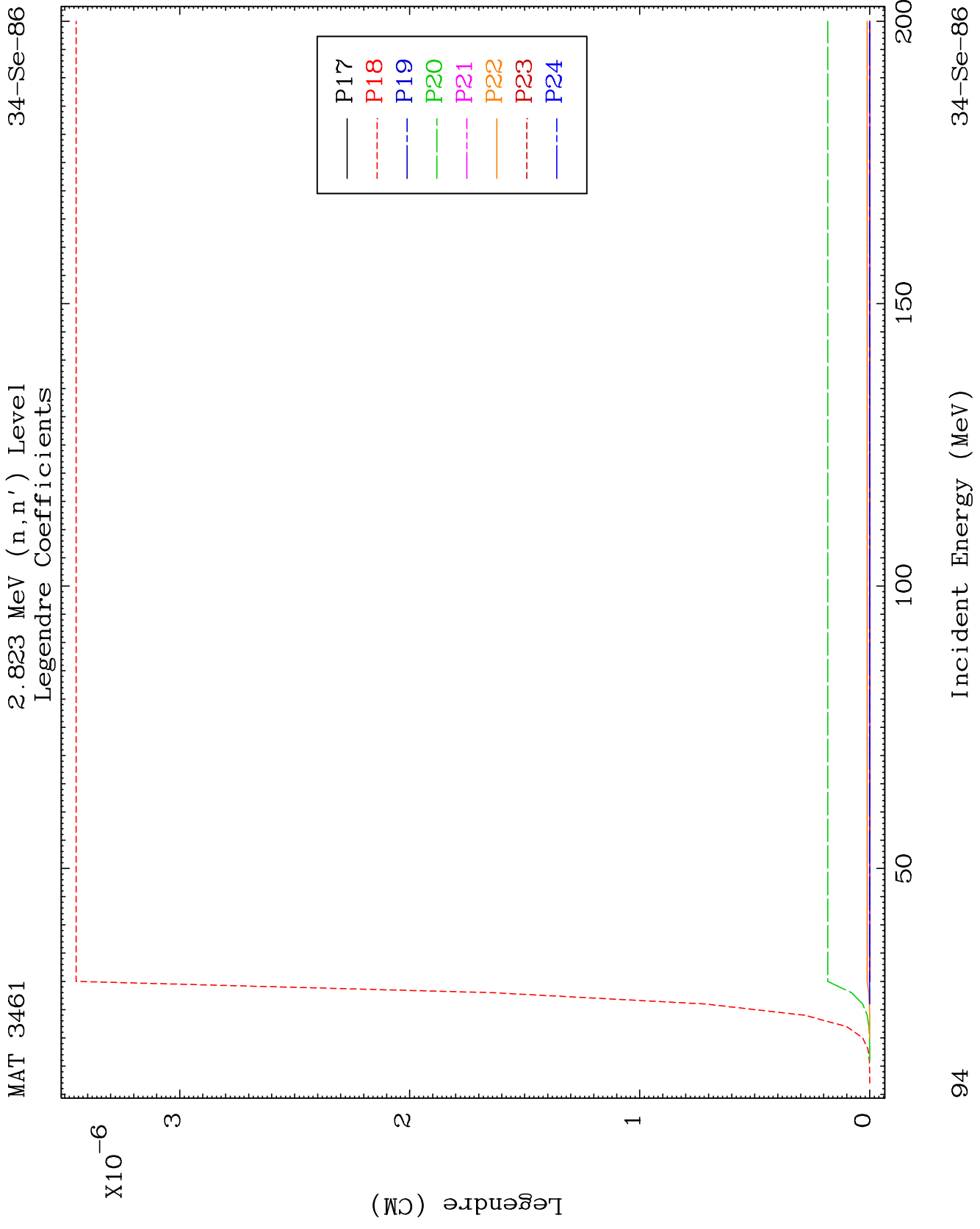








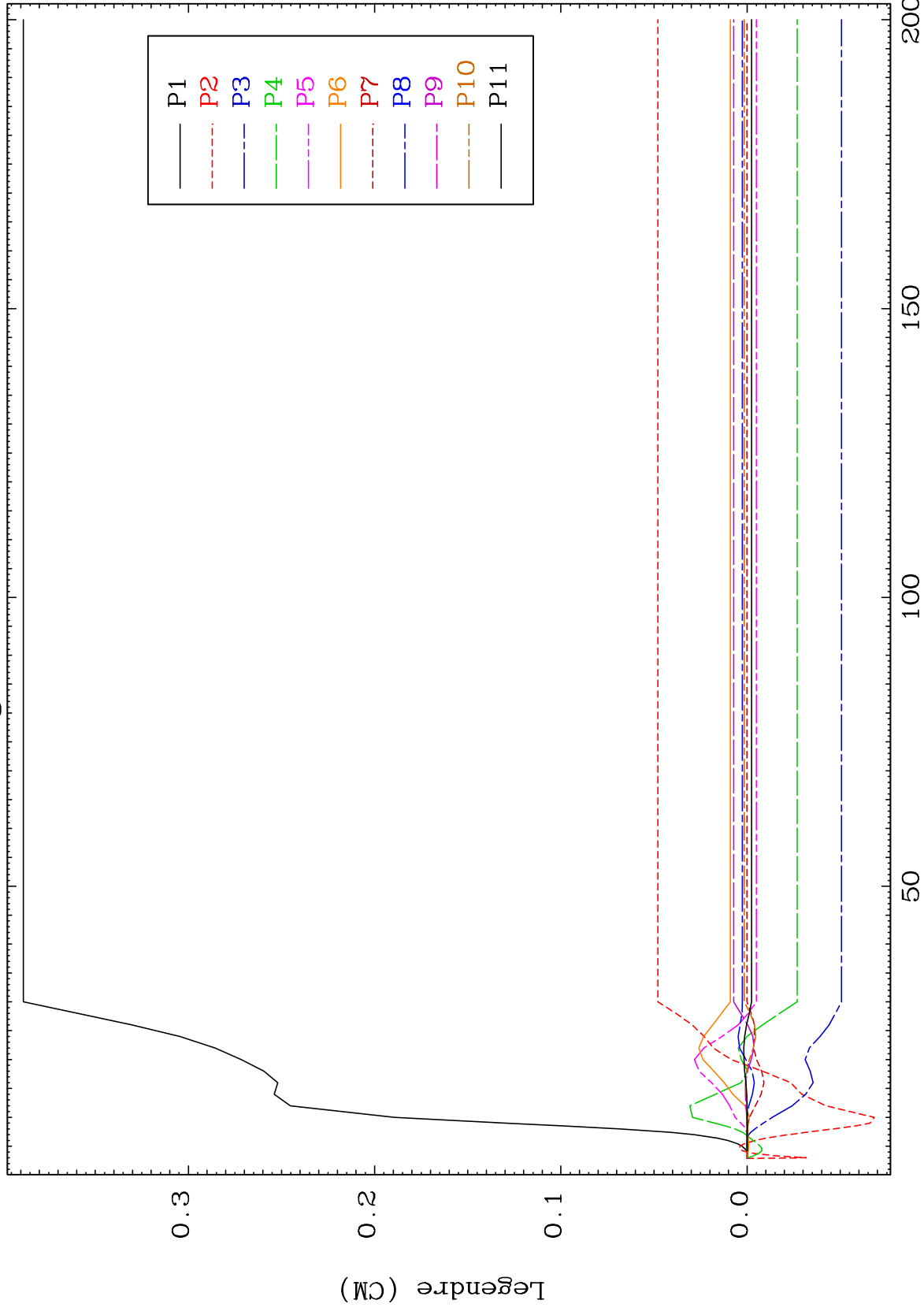




MAT 3461

2.853 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



95

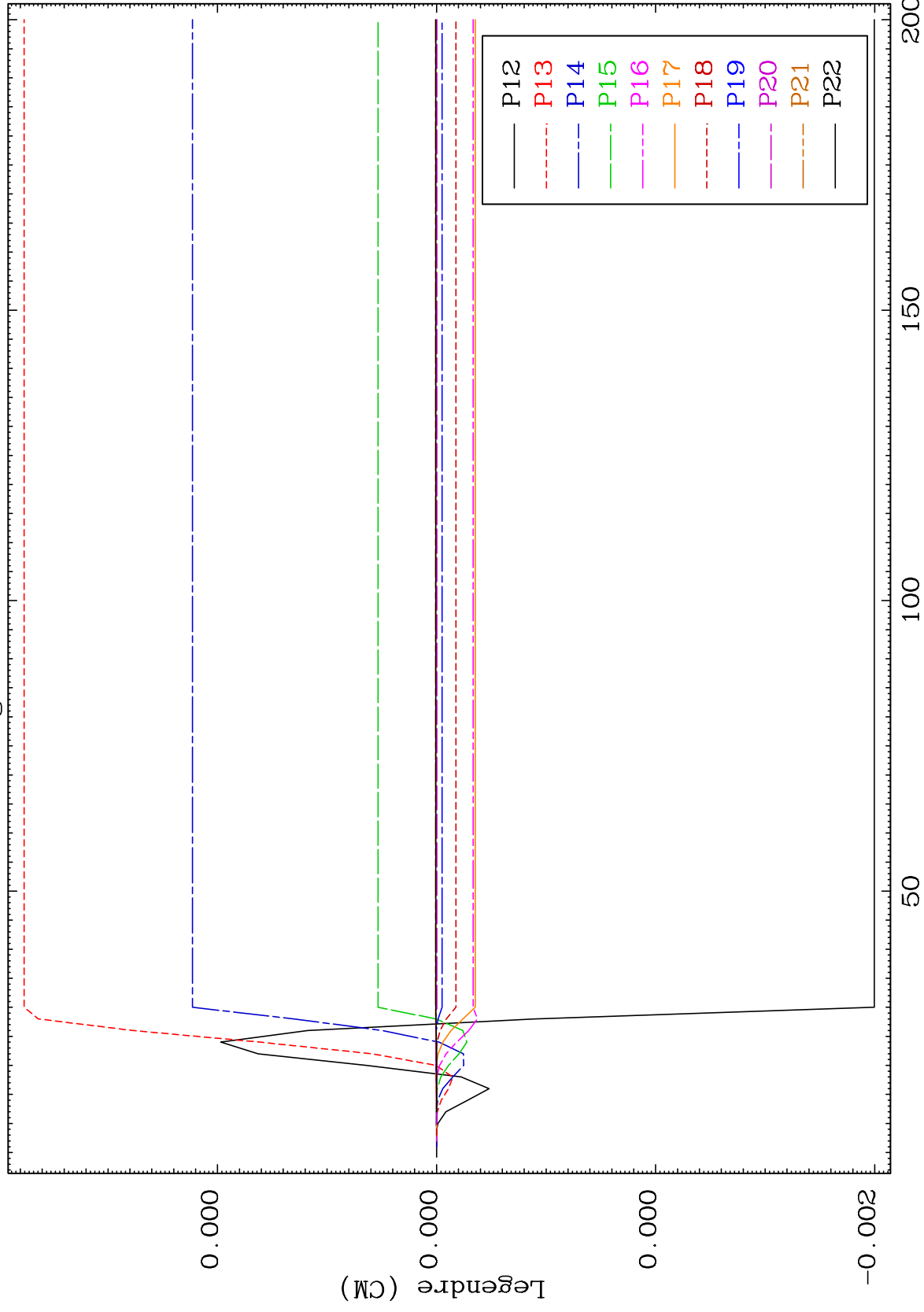
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.853 MeV (n,n') Level
Legendre Coefficients

34-Se-86



96

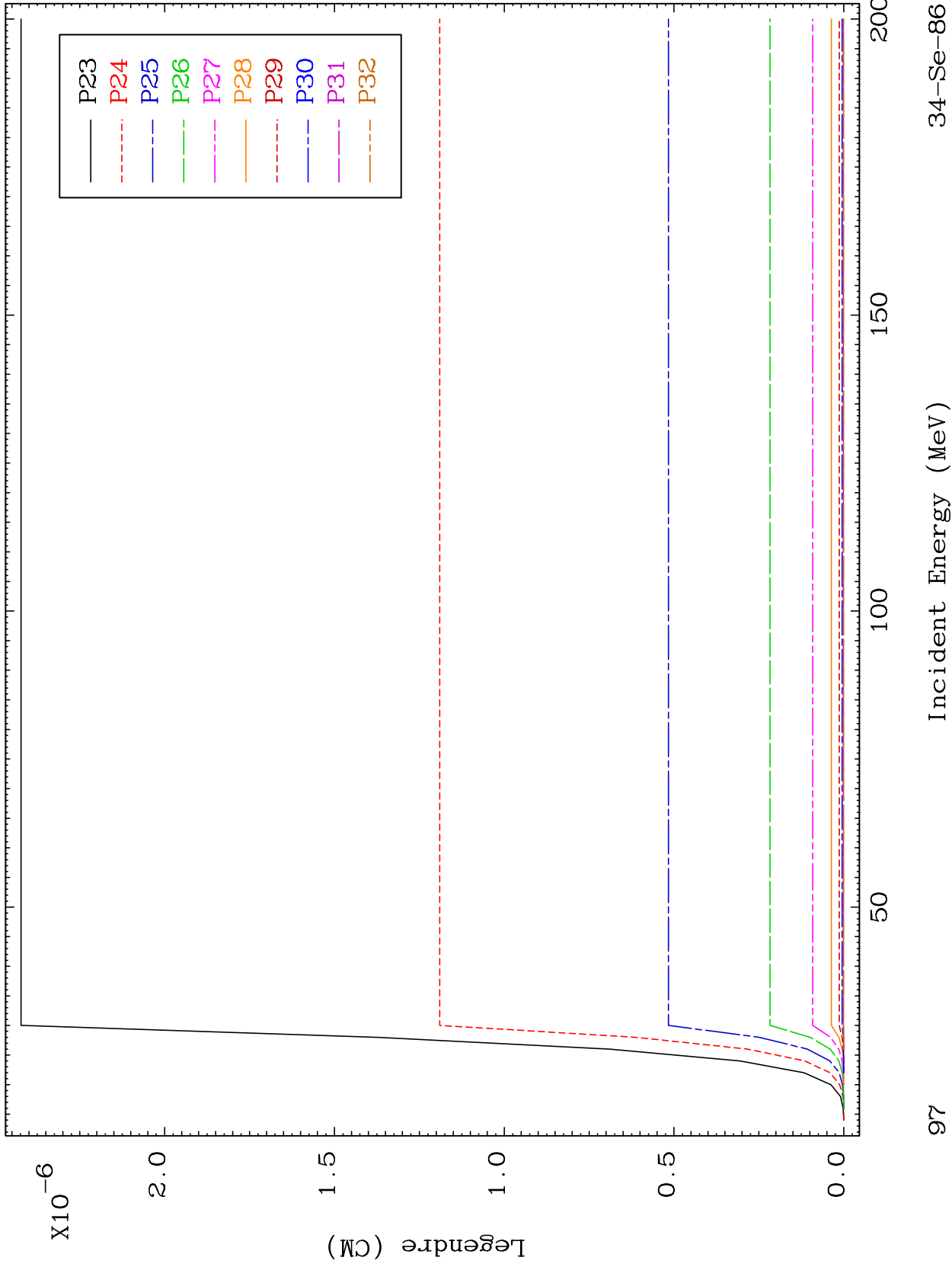
Incident Energy (MeV)

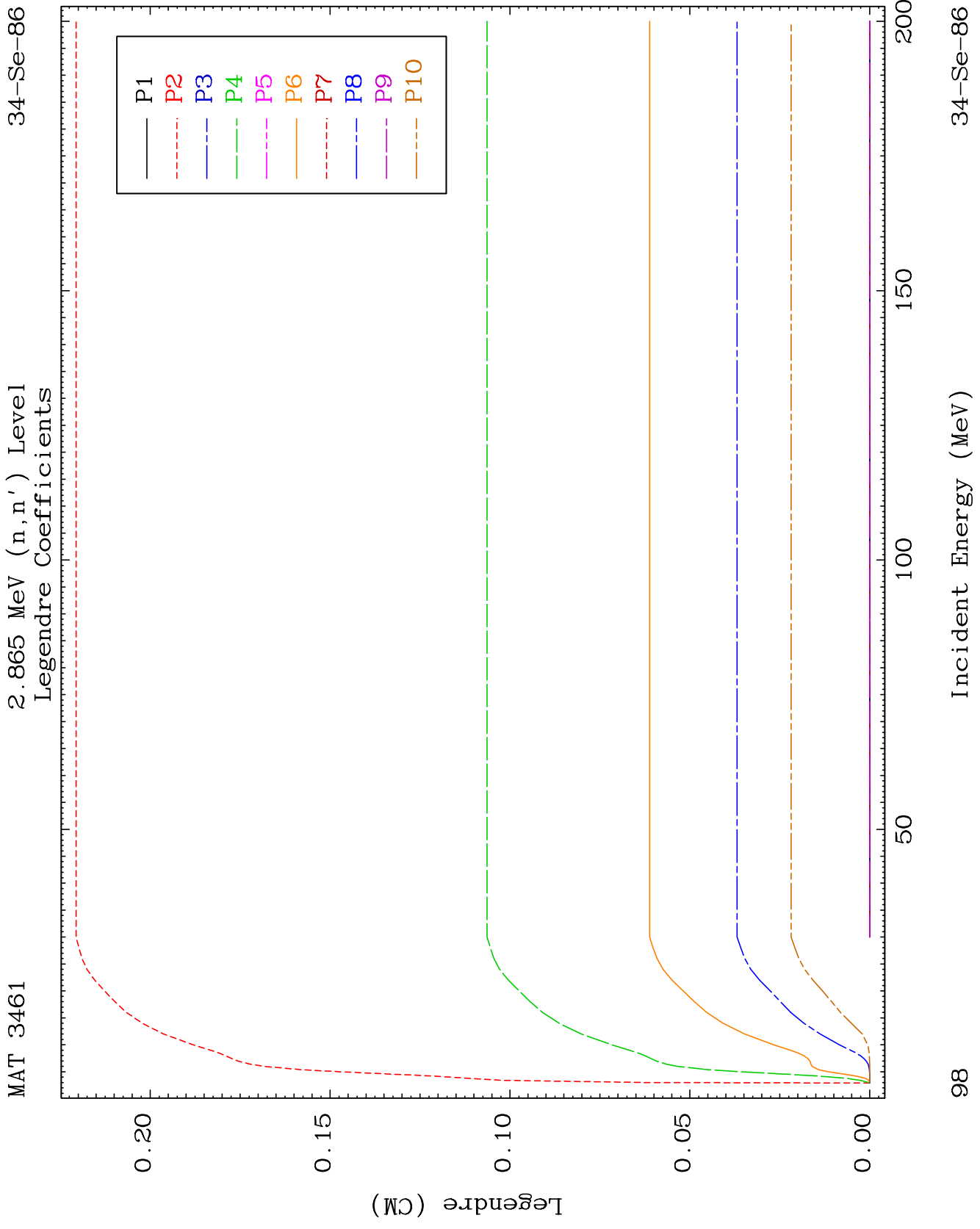
34-Se-86

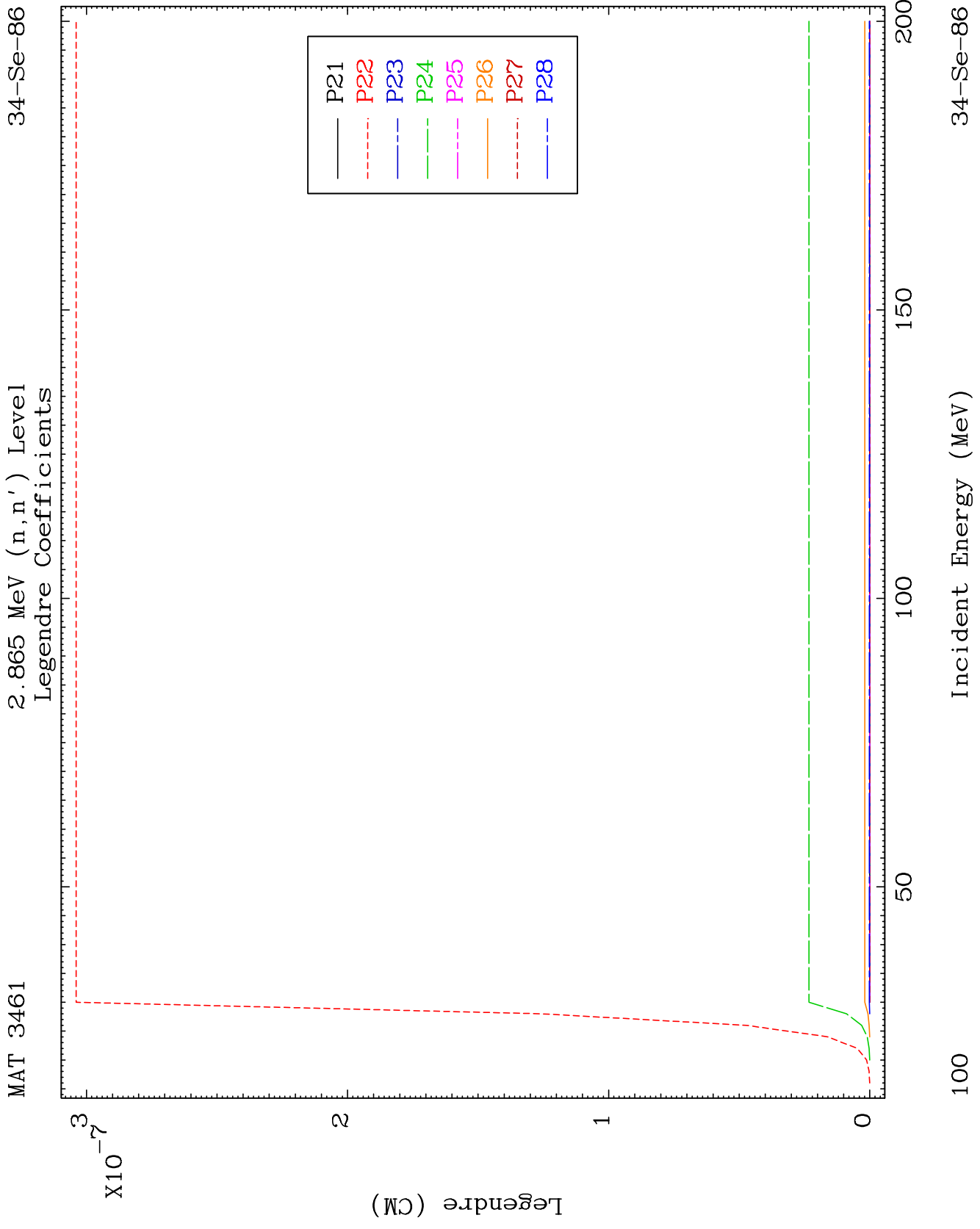
MAT 3461

2.853 MeV (n,n') Level
Legendre Coefficients

34-Se-86



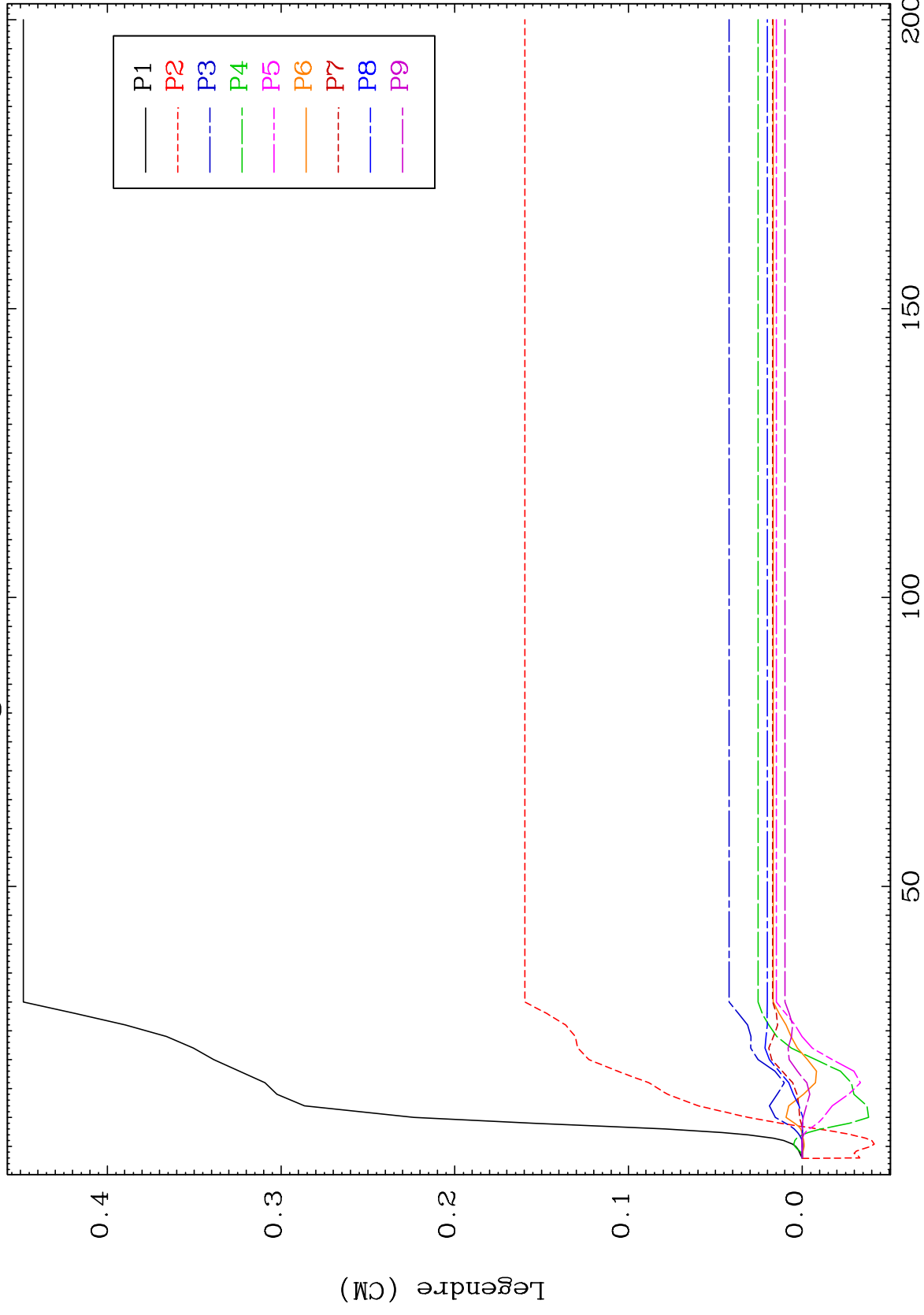




MAT 3461

2.872 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



101

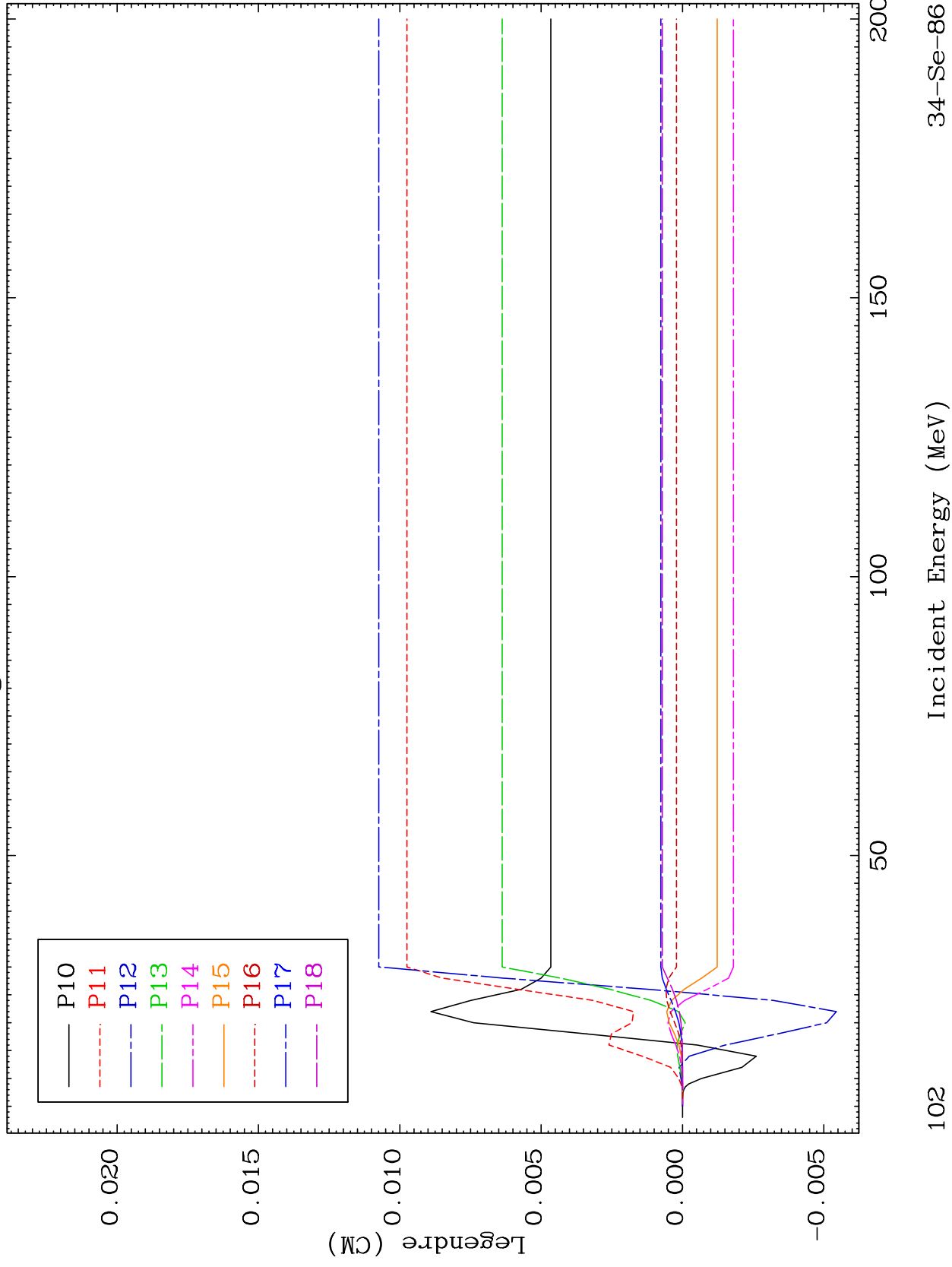
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.872 MeV (n,n') Level
Legendre Coefficients

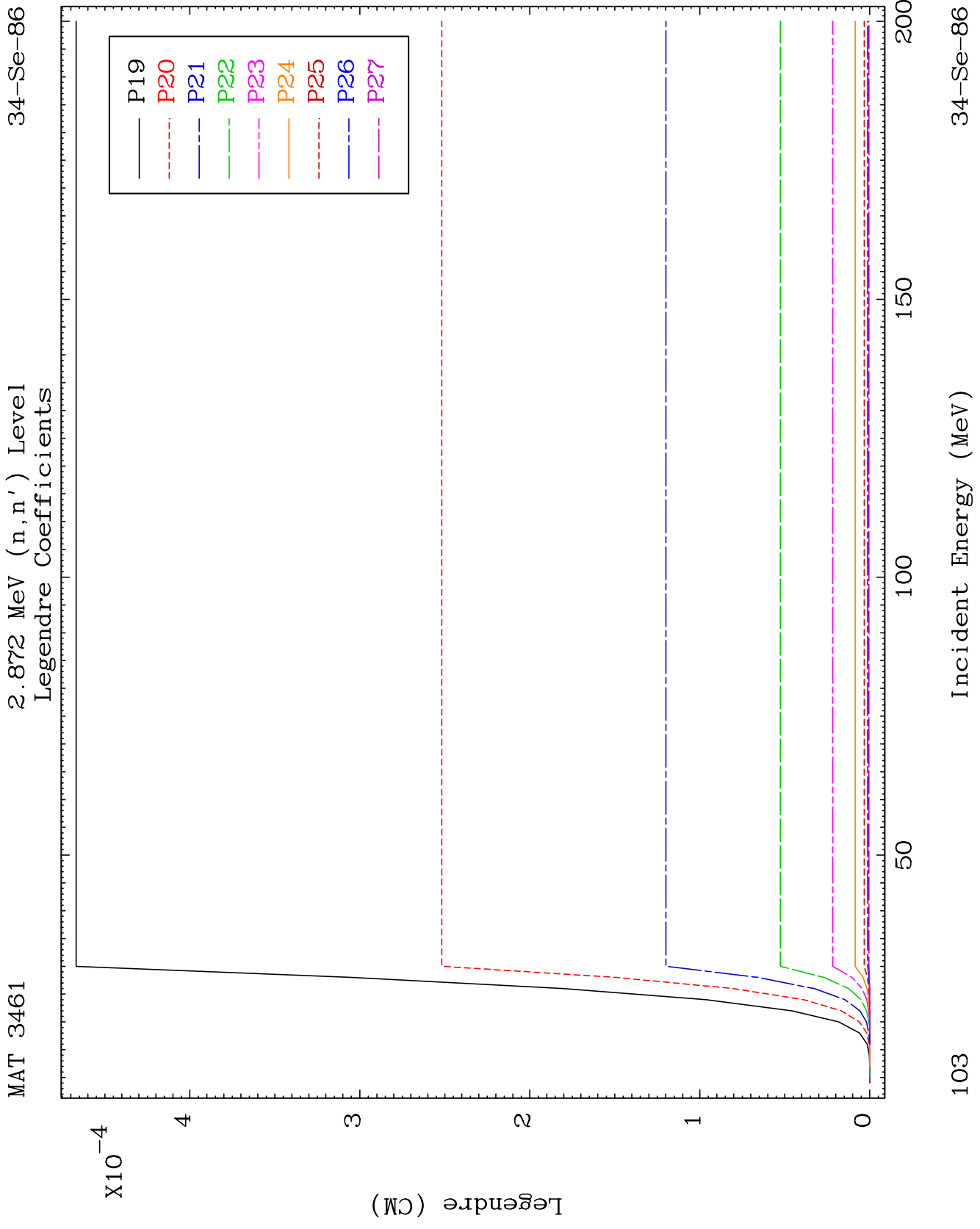
³⁴Se-86



102

Incident Energy (MeV)

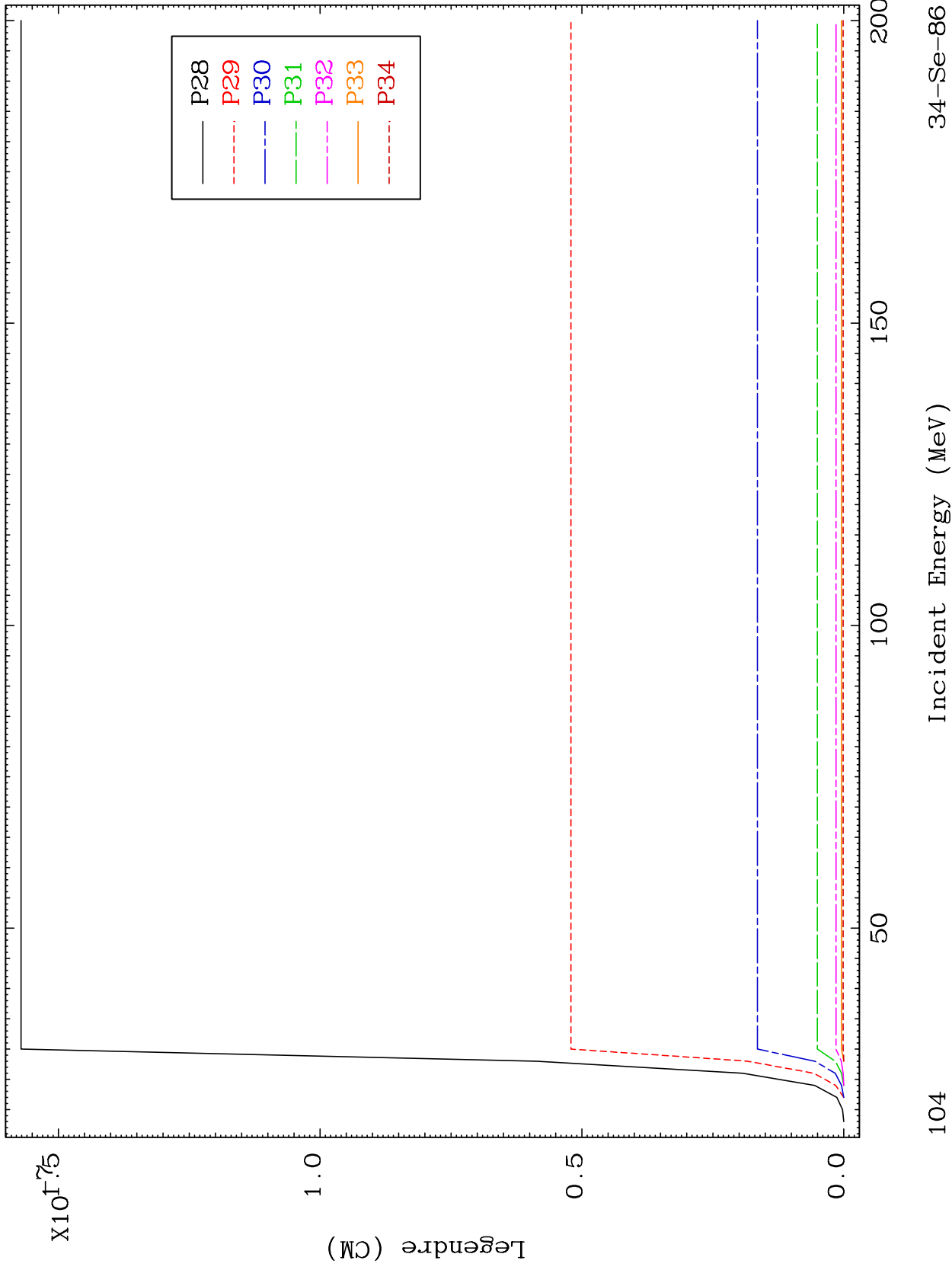
³⁴Se-86



MAT 3461

2.872 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



104

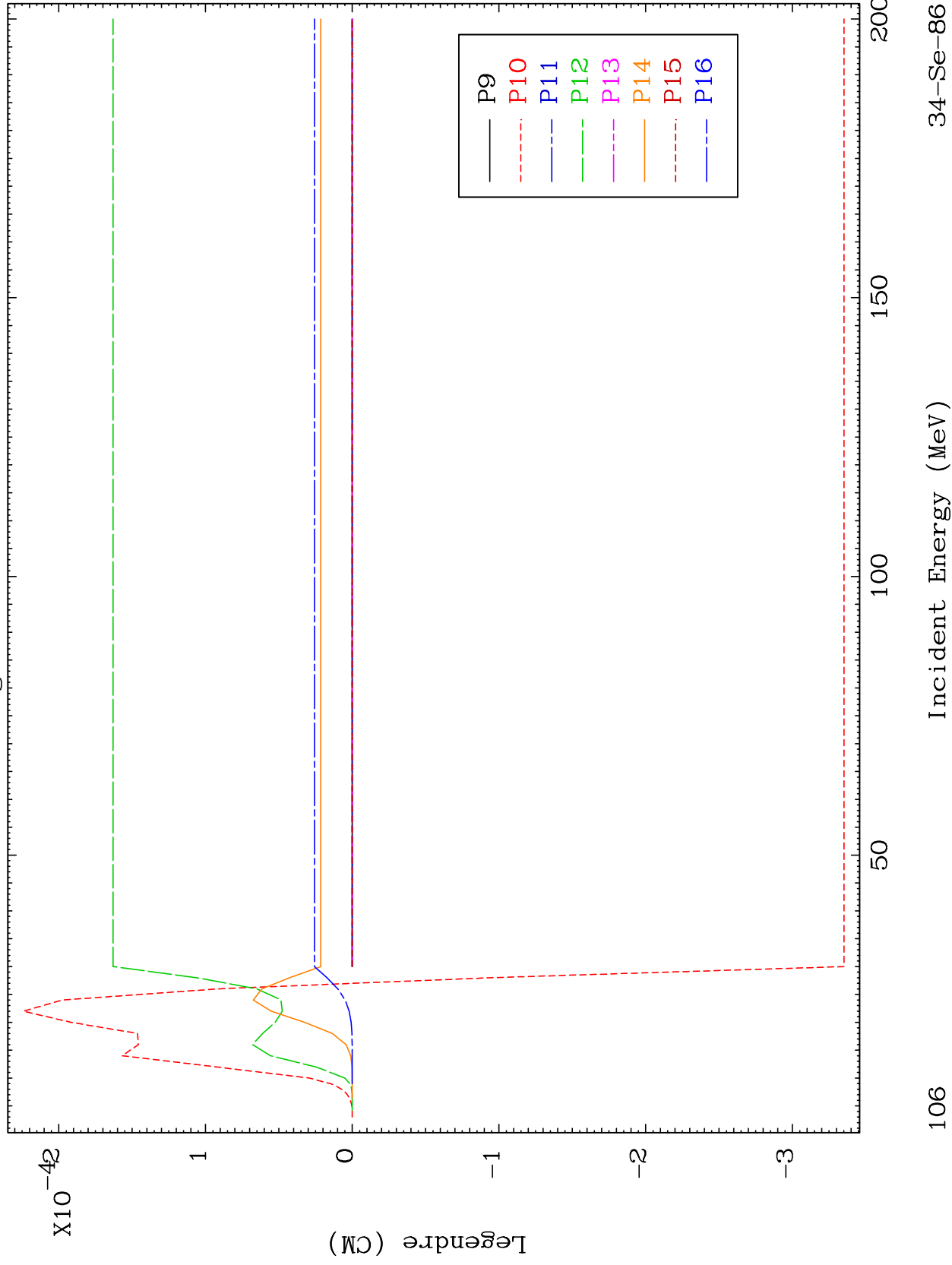
Incident Energy (MeV)

³⁴Se-86

MAT 3461

2.895 MeV (n,n') Level
Legendre Coefficients

34-Se-86



106

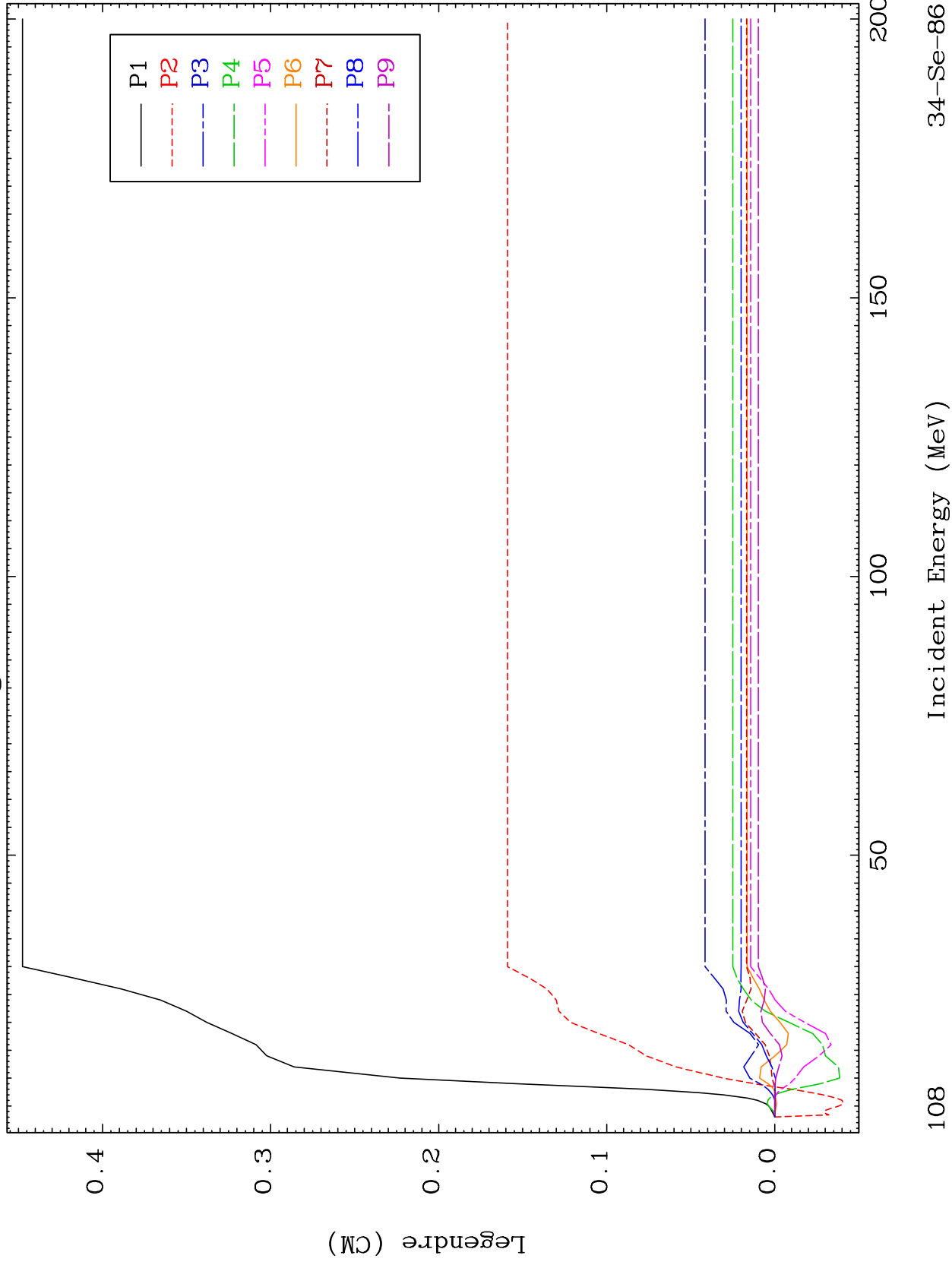
Incident Energy (MeV)

34-Se-86

MAT 3461

2.986 MeV (n,n') Level
Legendre Coefficients

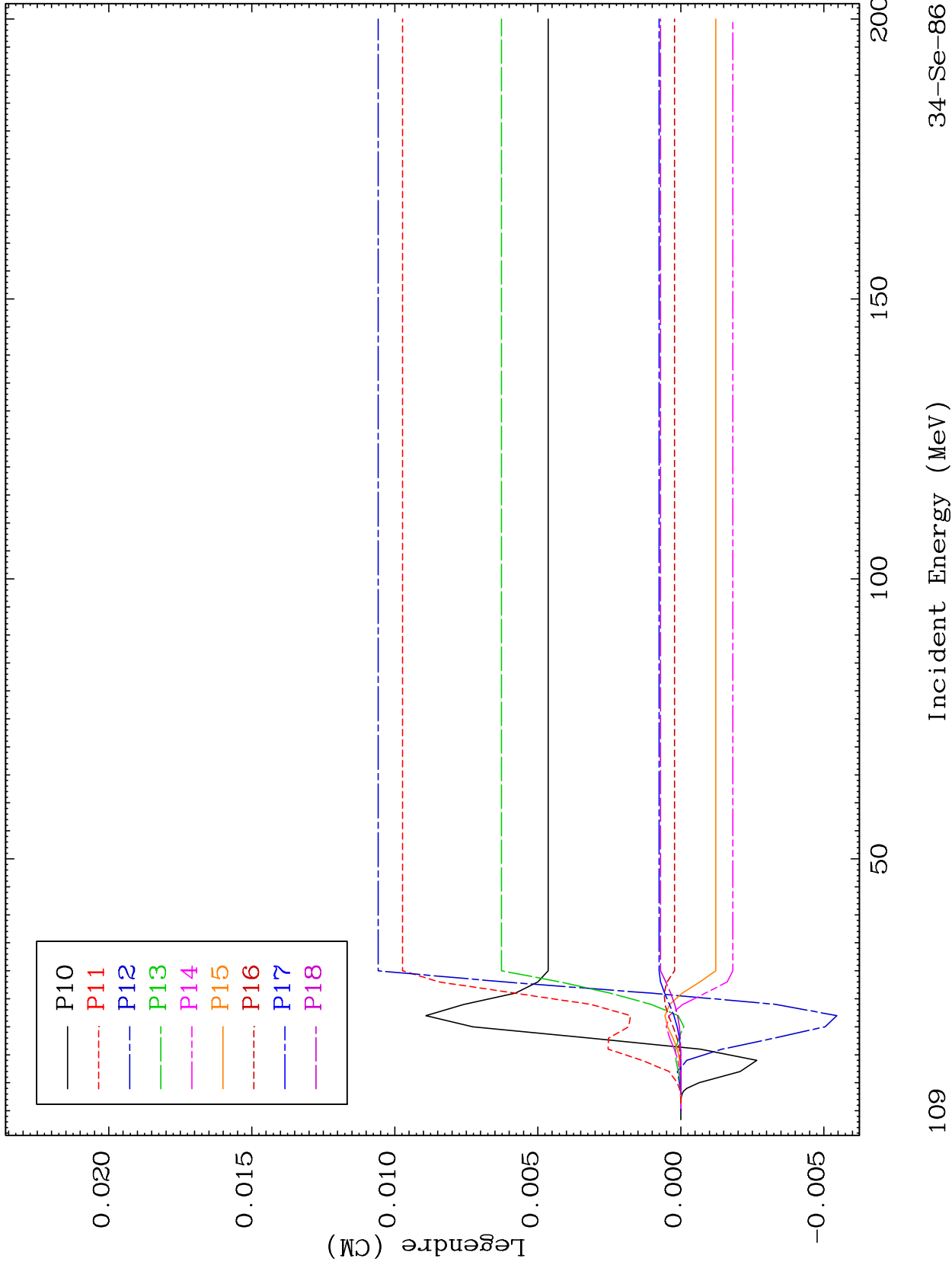
³⁴Se-86



³⁴Se-86

Incident Energy (MeV)

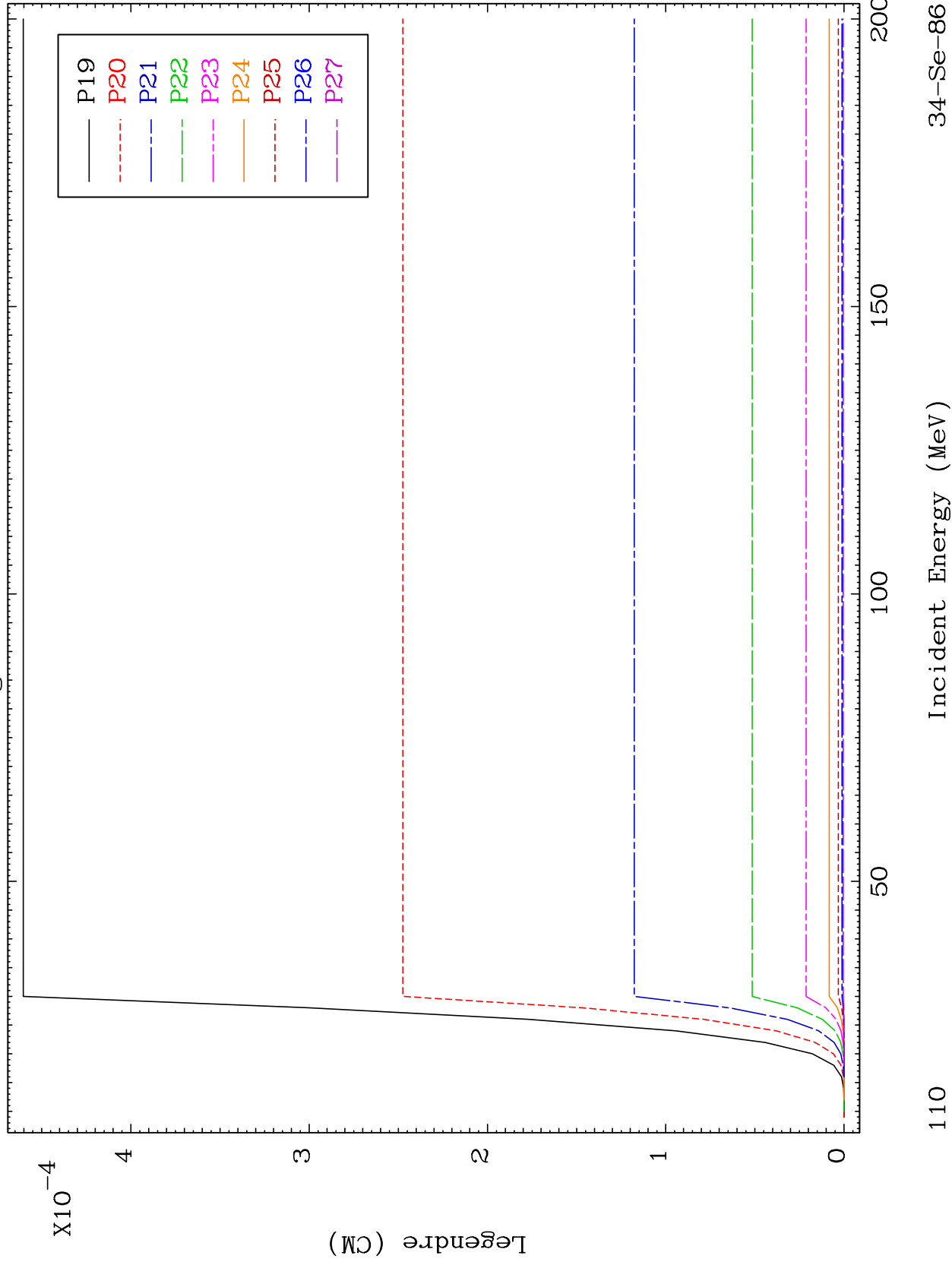
108



MAT 3461

2.986 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



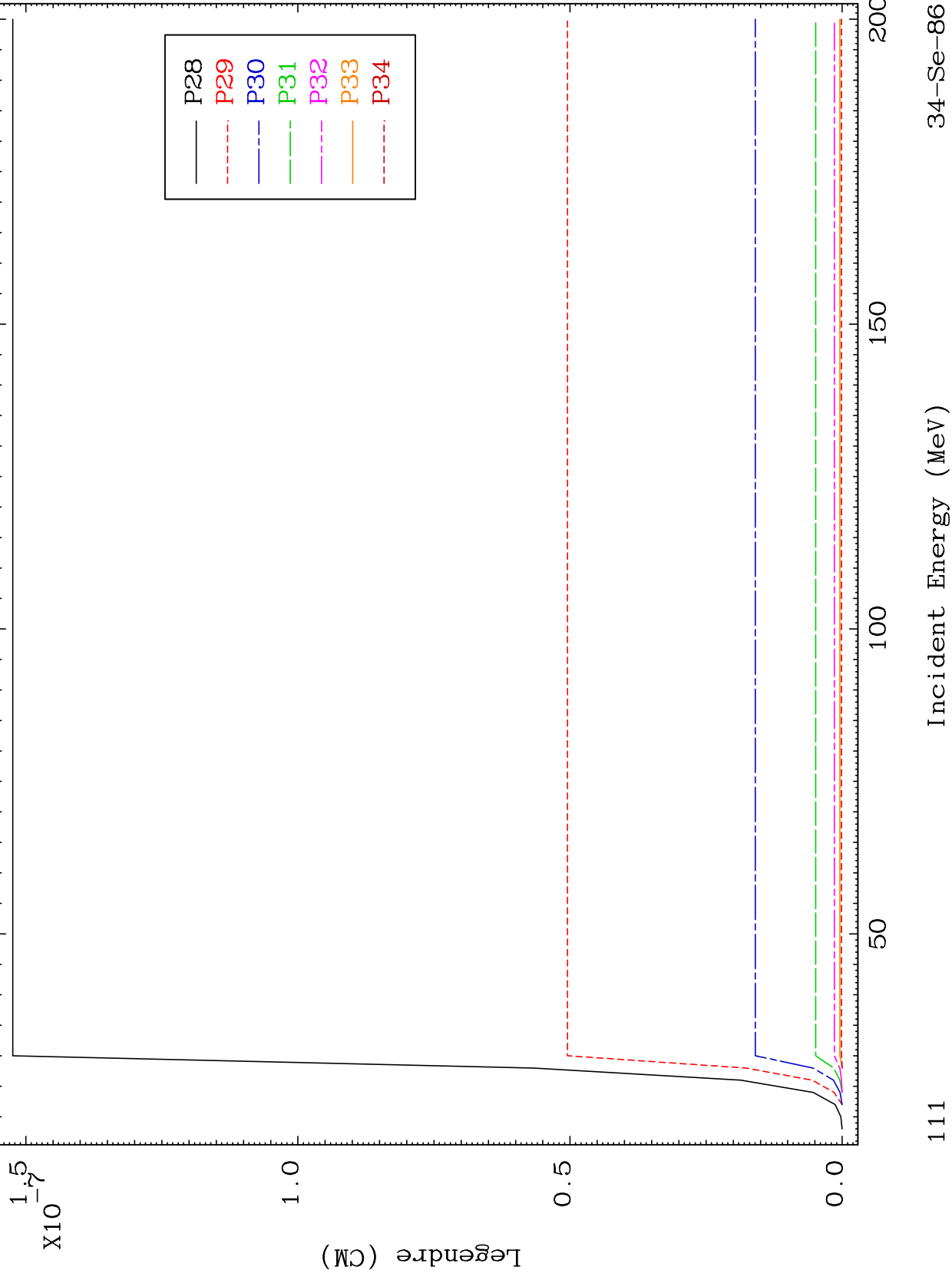
³⁴Se-86

110

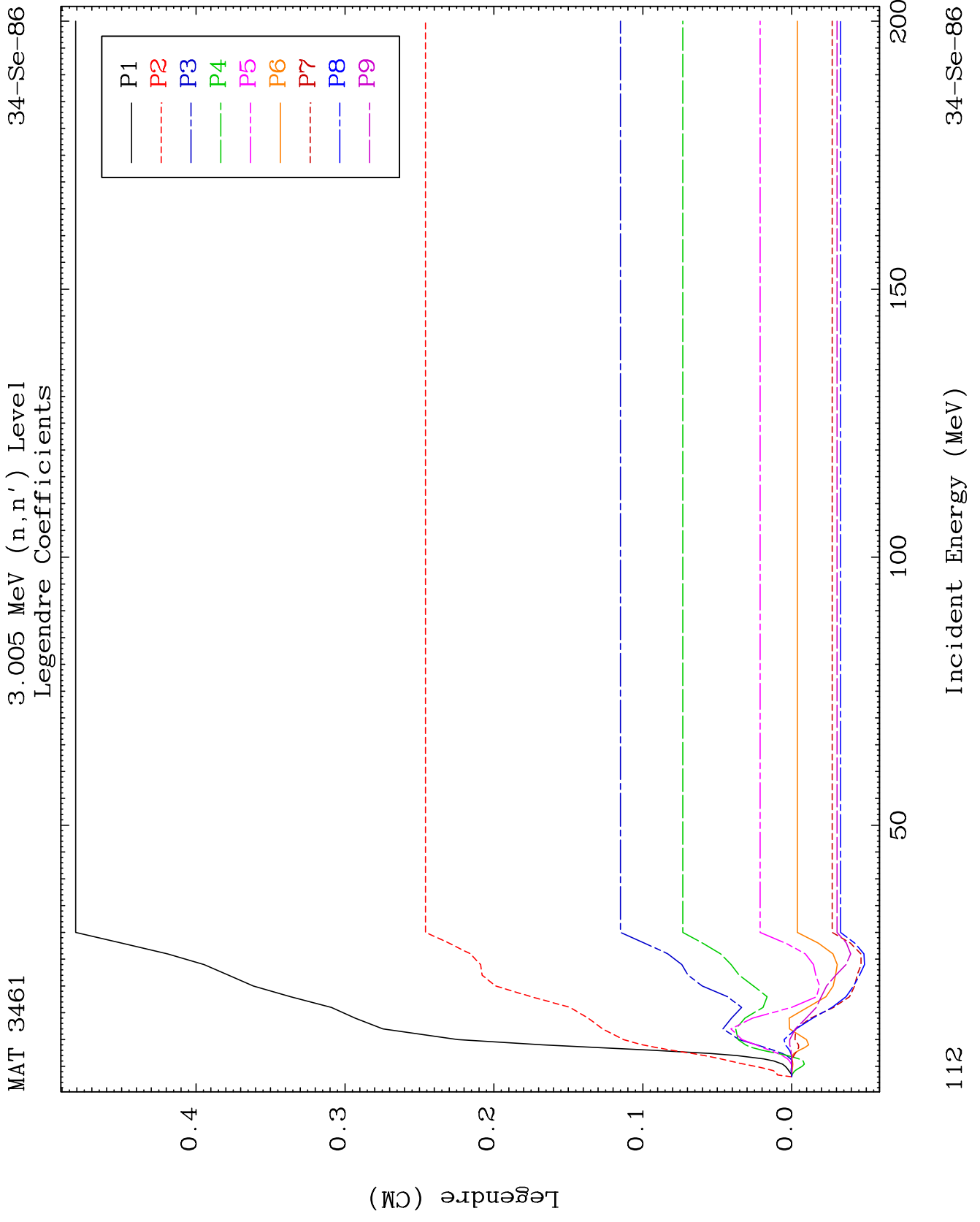
MAT 3461

2.986 MeV (n,n') Level
Legendre Coefficients

34-Se-86



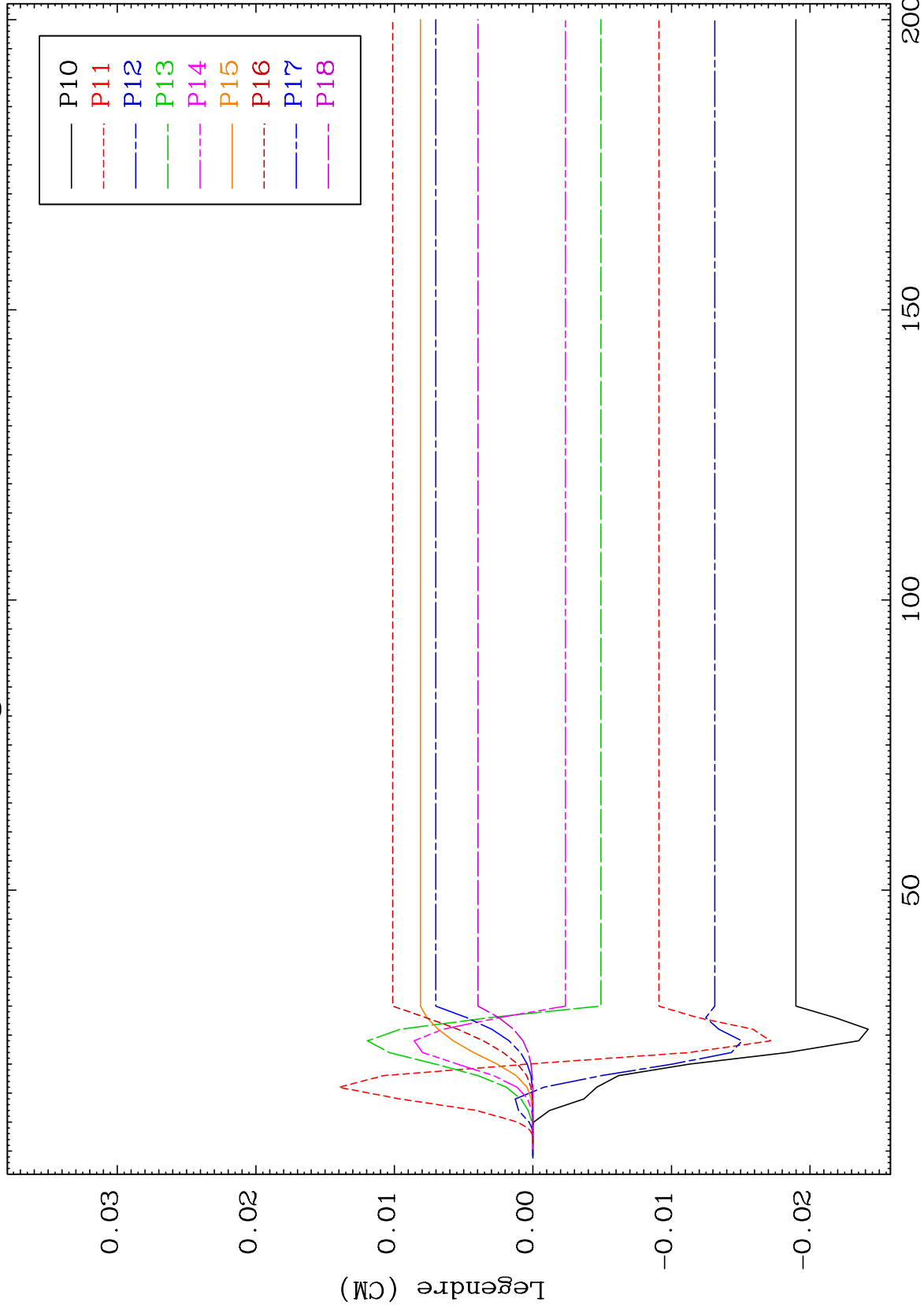
111



MAT 3461

3.005 MeV (n,n') Level
Legendre Coefficients

³⁴Se-86



113

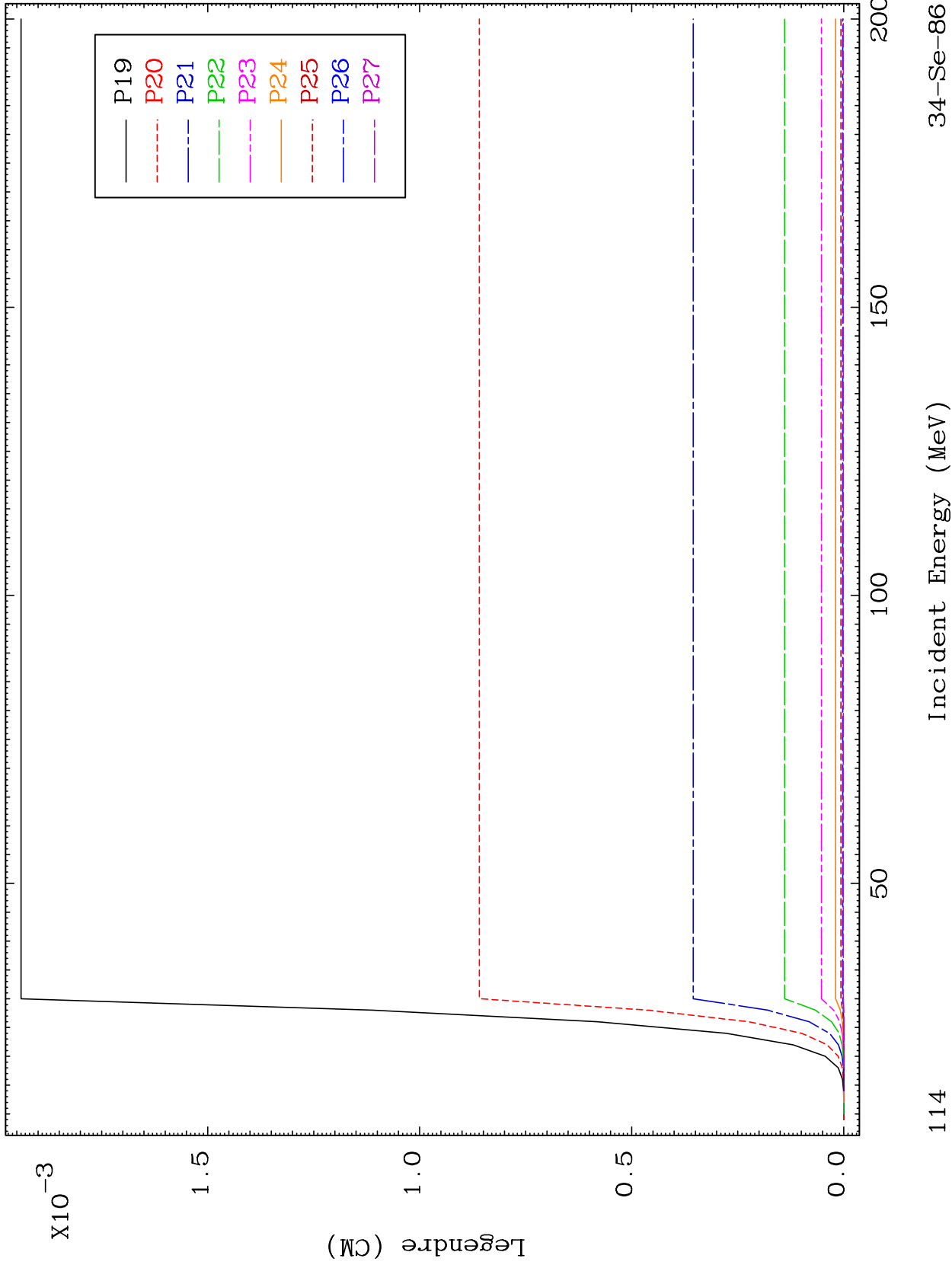
Incident Energy (MeV)

³⁴Se-86

MAT 3461

3.005 MeV (n,n') Level
Legendre Coefficients

34-Se-86



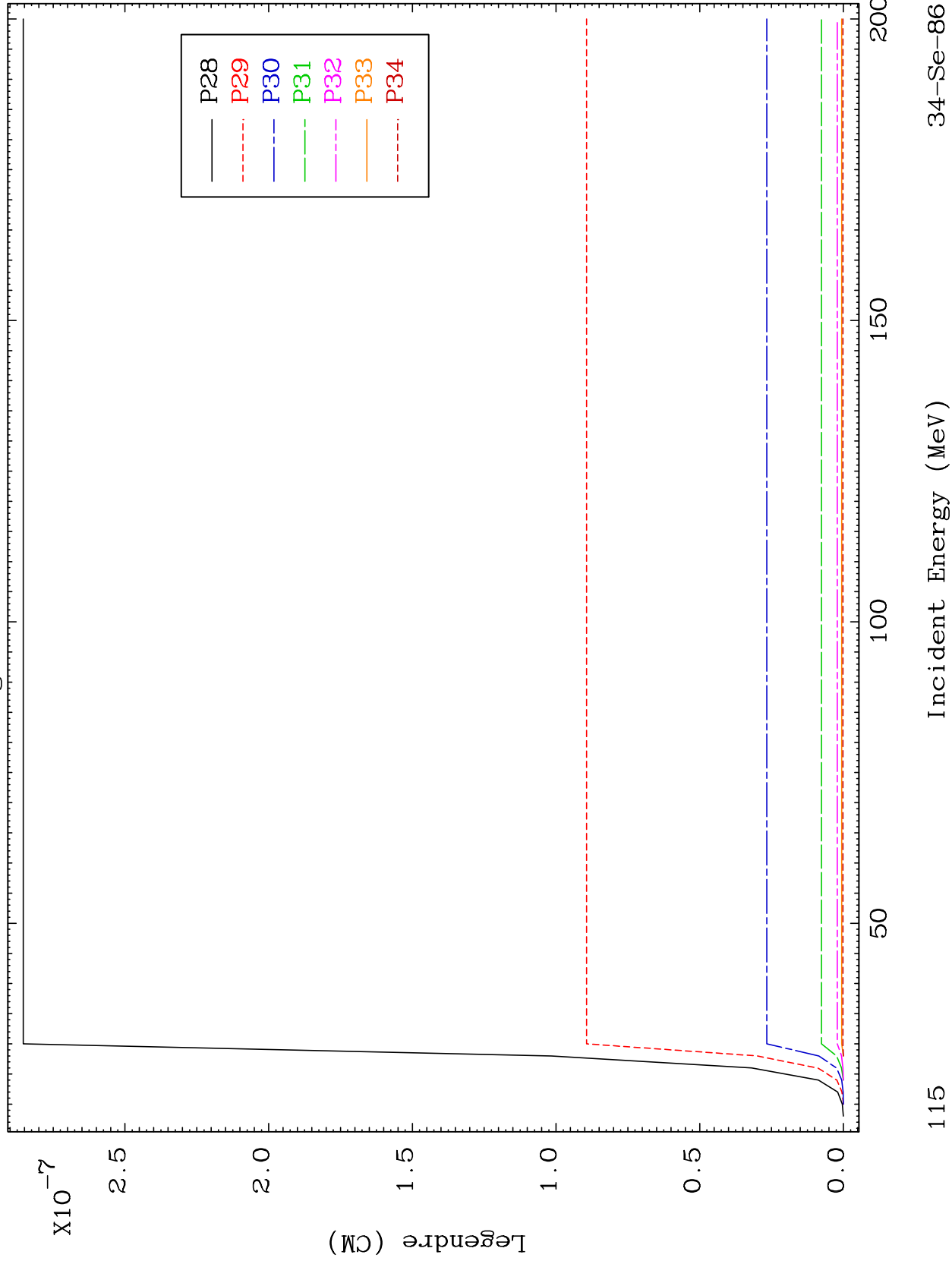
114

34-Se-86

MAT 3461

3.005 MeV (n,n') Level
Legendre Coefficients

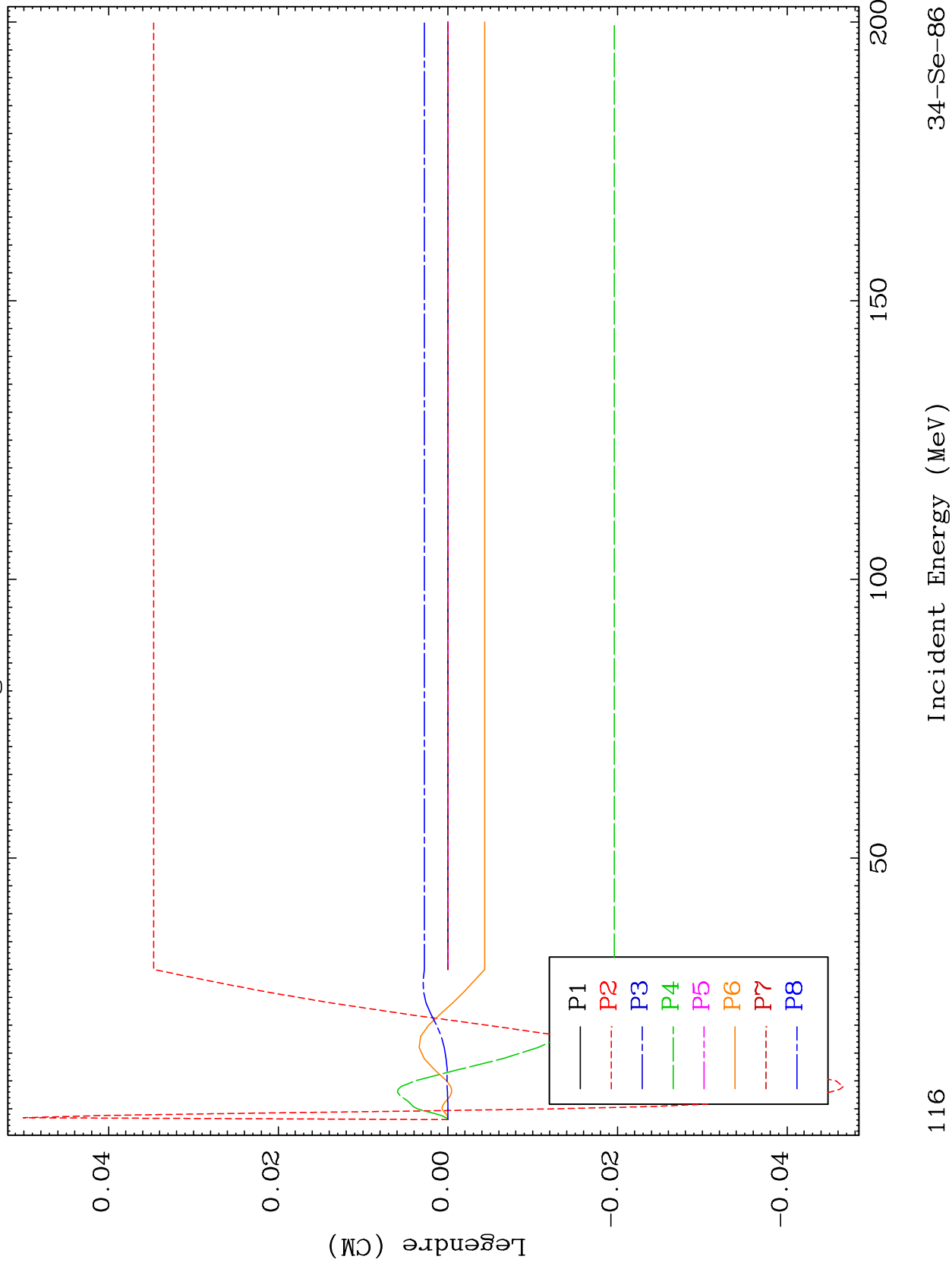
34-Se-86



MAT 3461

3.023 MeV (n,n') Level
Legendre Coefficients

34-Se-86



116

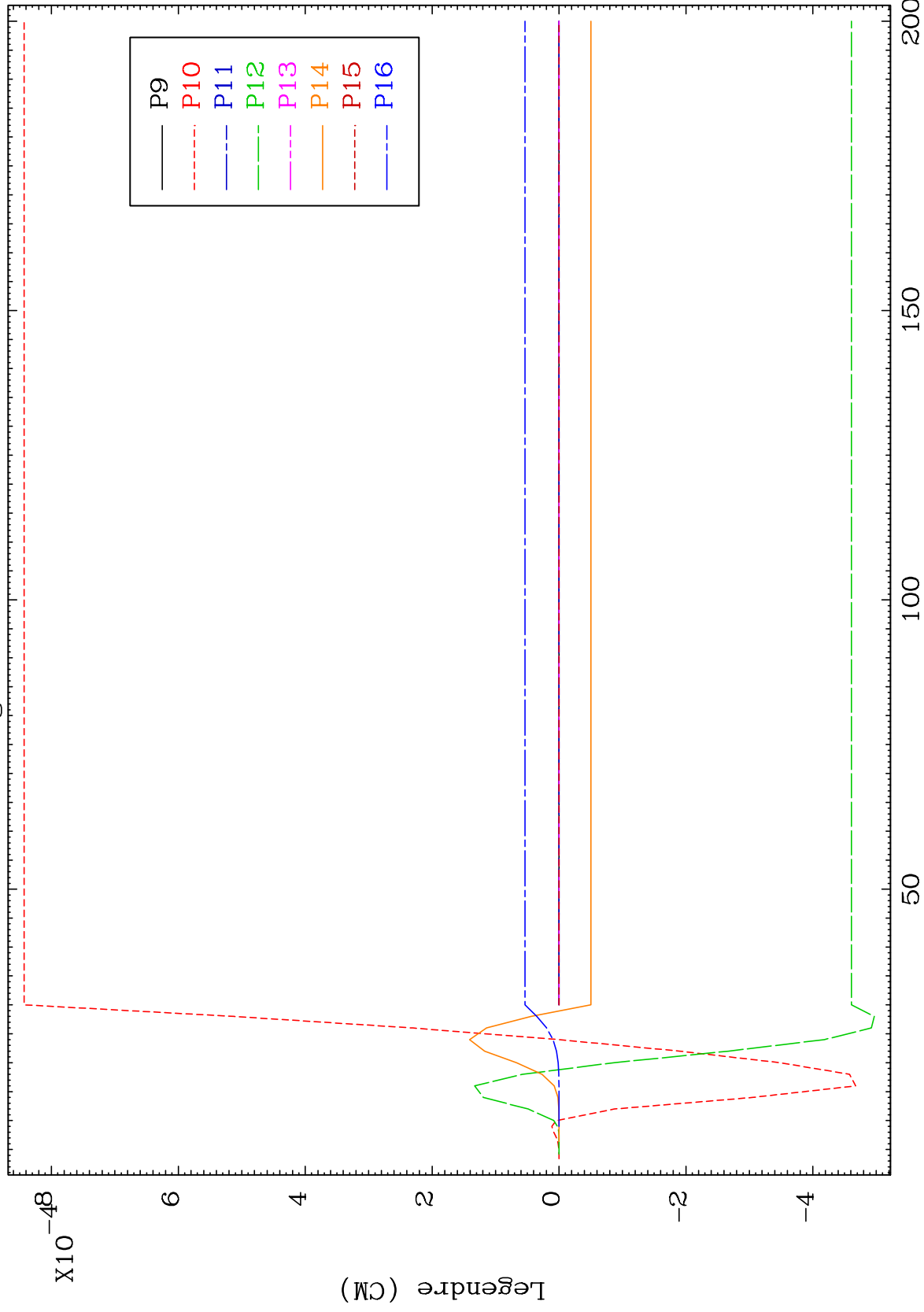
Incident Energy (MeV)

34-Se-86

MAT 3461

3.023 MeV (n,n') Level
Legendre Coefficients

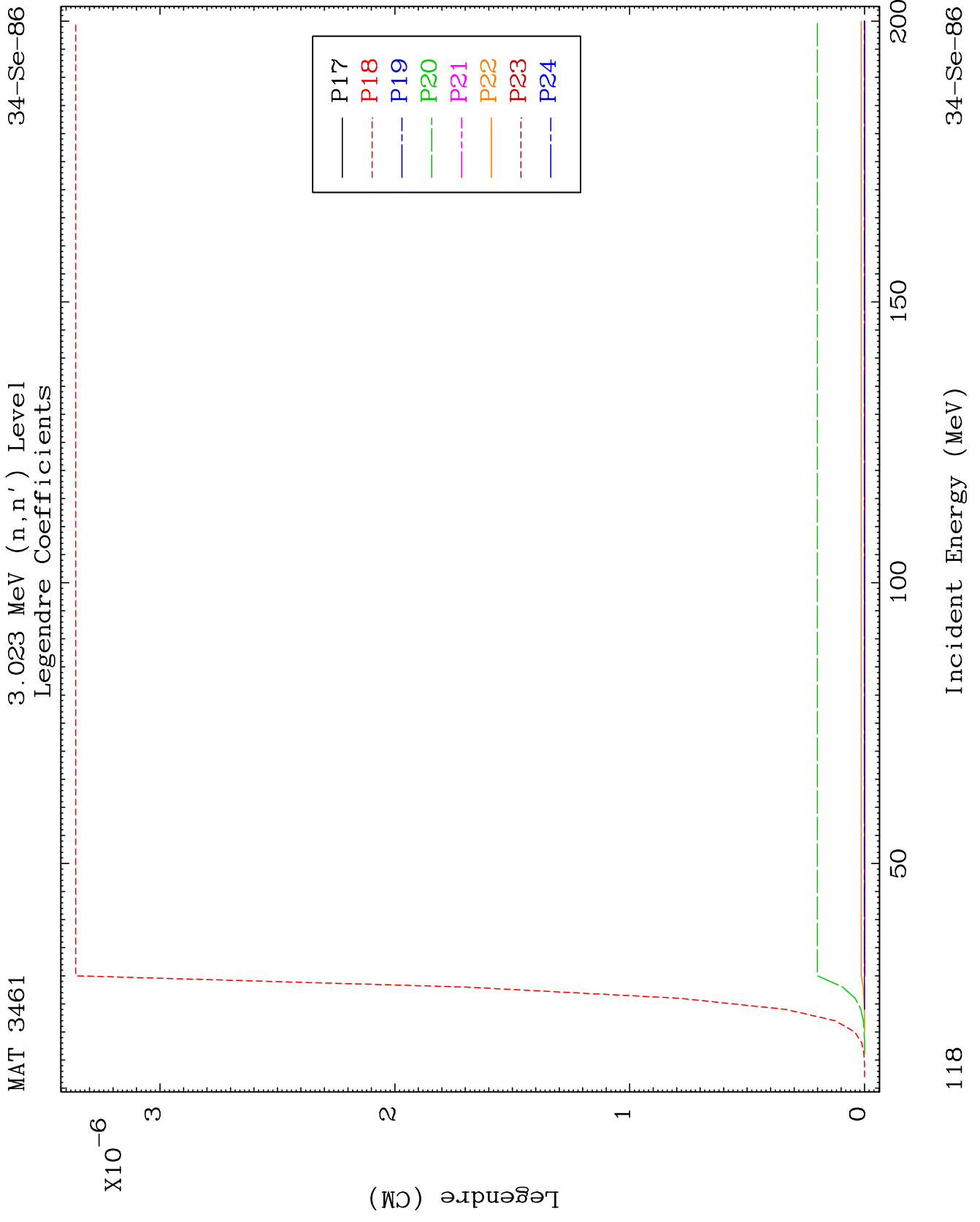
34-Se-86

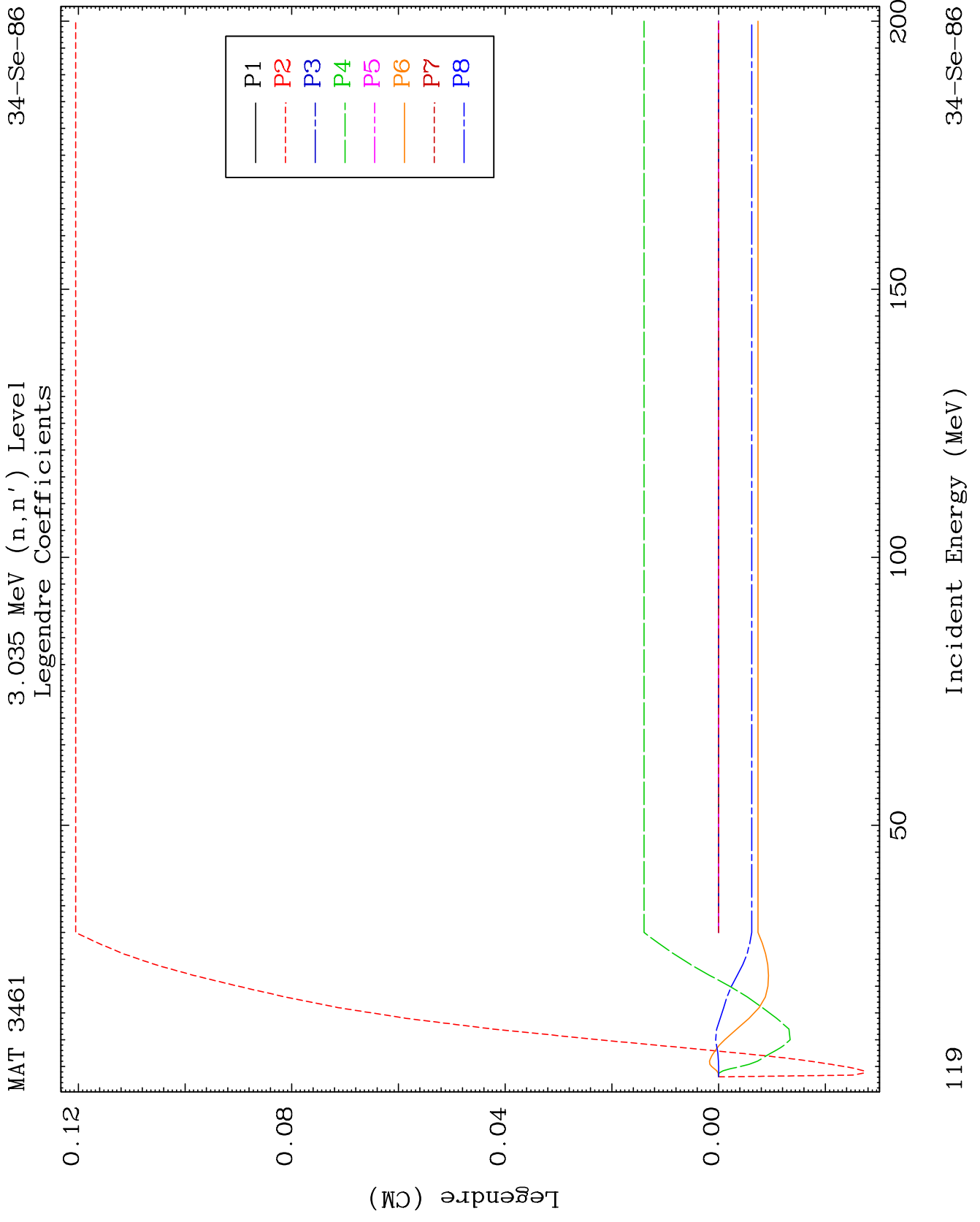


117

Incident Energy (MeV)

34-Se-86

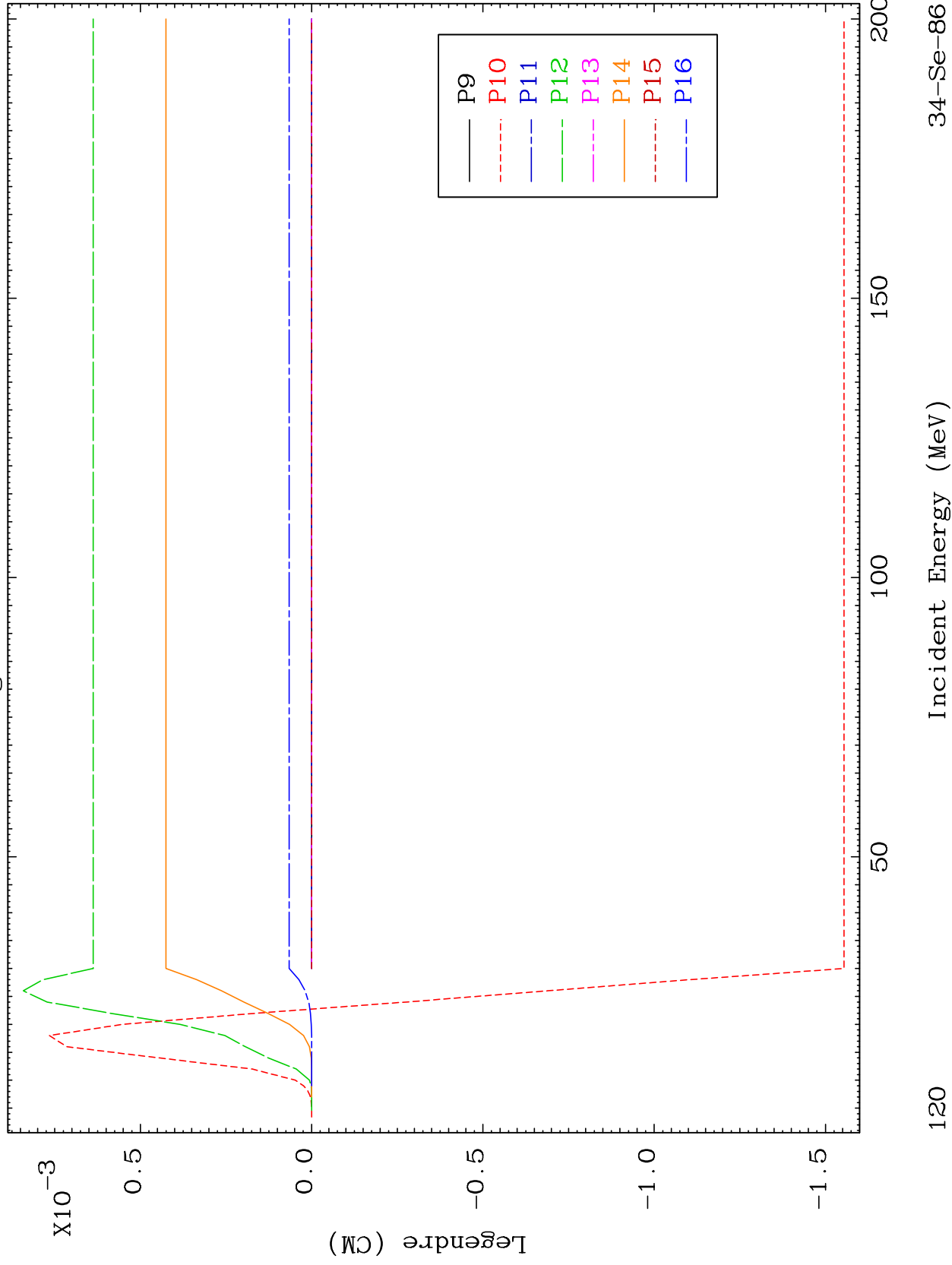




MAT 3461

3.035 MeV (n,n') Level
Legendre Coefficients

34-Se-86



34-Se-86

Incident Energy (MeV)

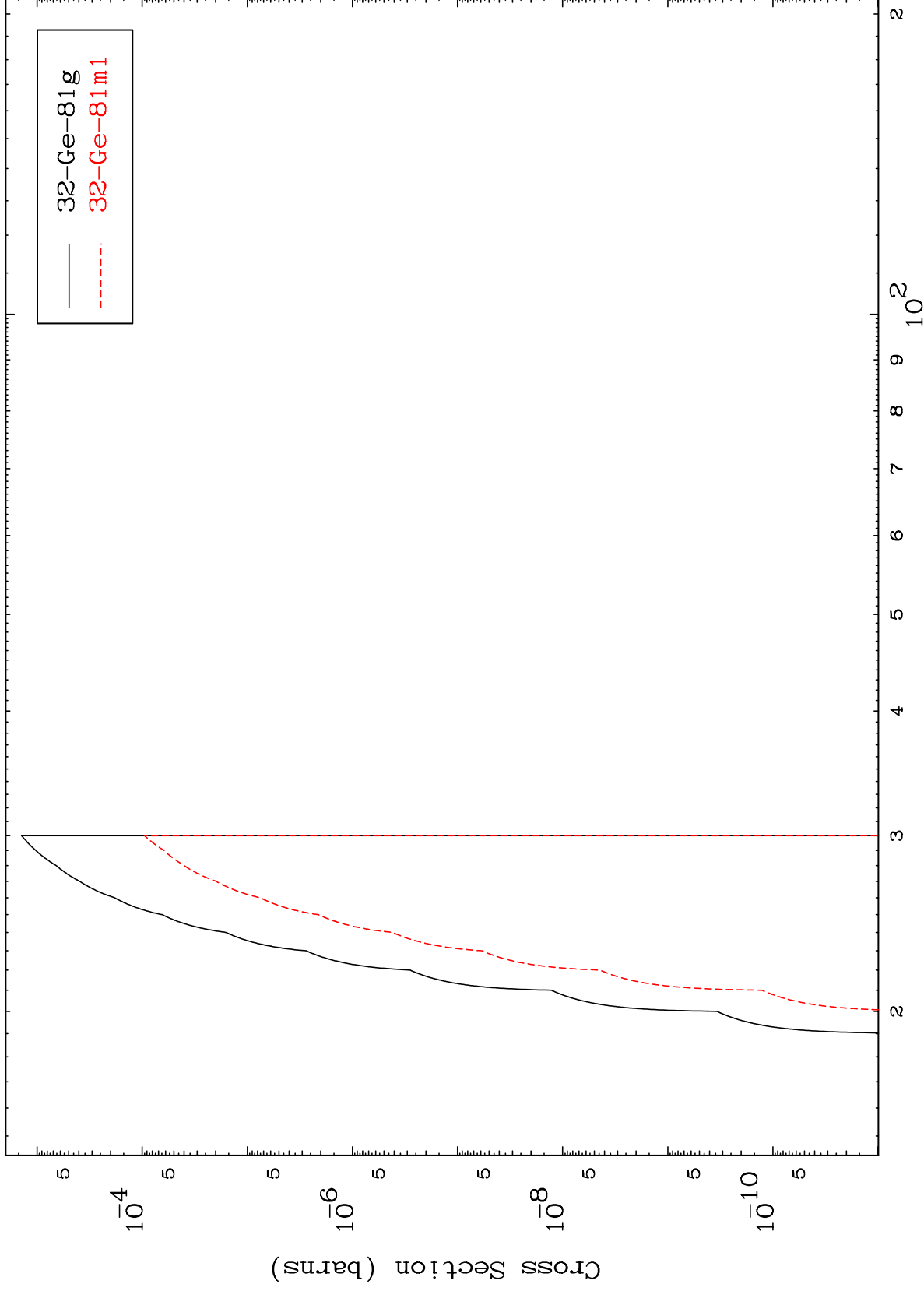
120

MAT 3461

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



122

Incident Energy (MeV)

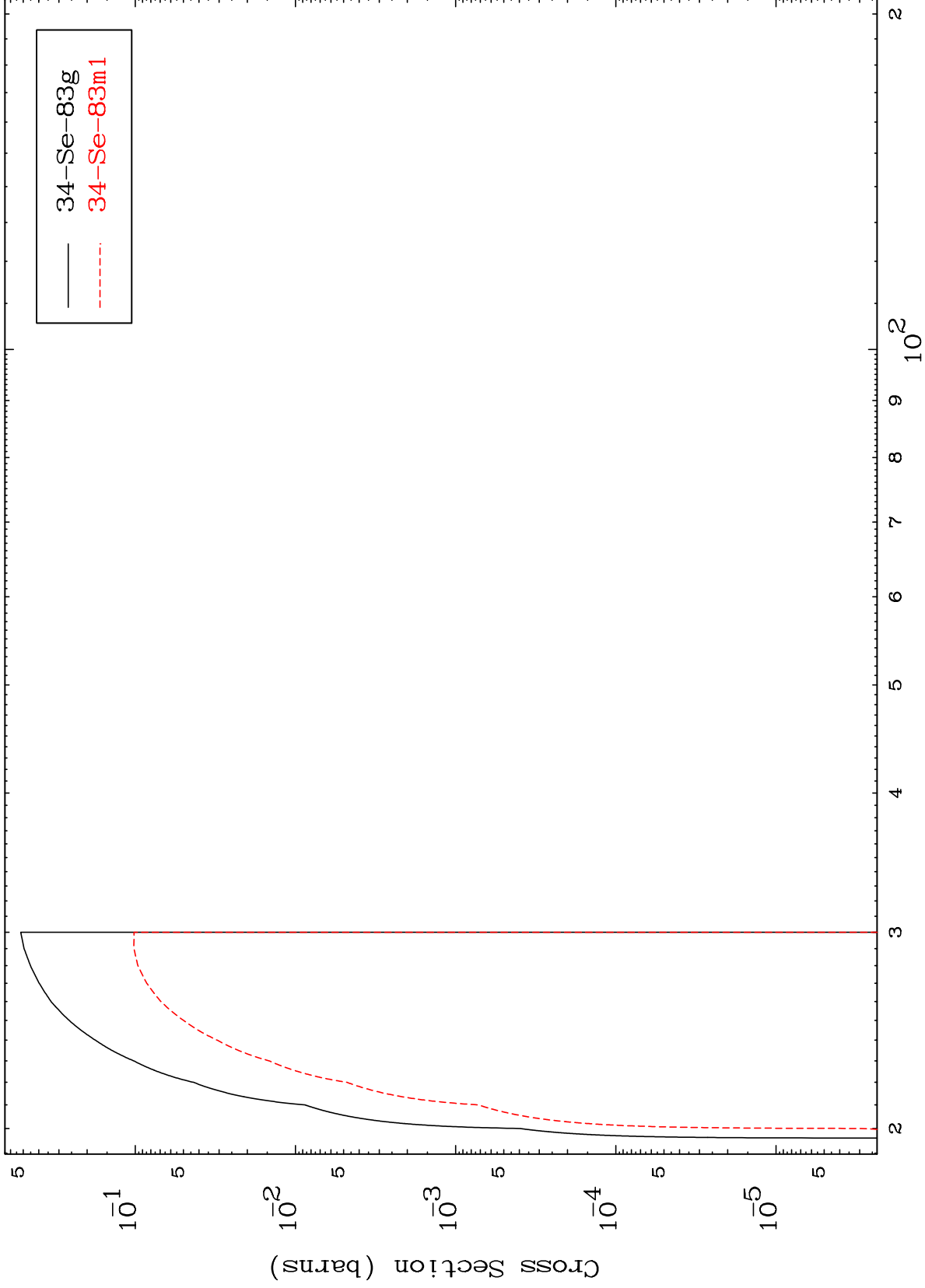
$^{34}\text{Se-86}$

MAT 3461

³⁴Se-86

(n,4n)

Radionuclide Production Cross Section



123

Incident Energy (MeV)

³⁴Se-86