

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

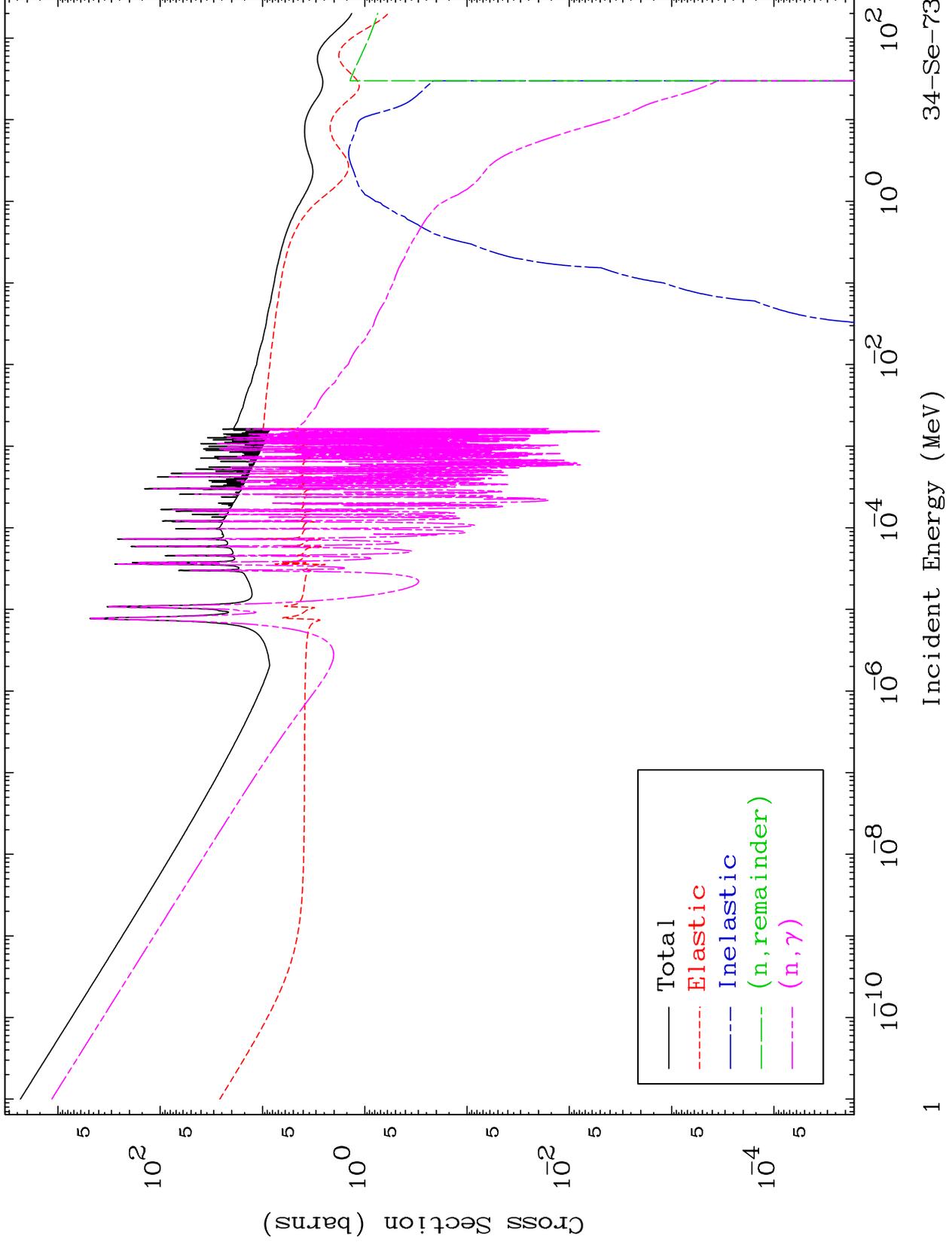
Press Mouse Button to Start

MAT 3422

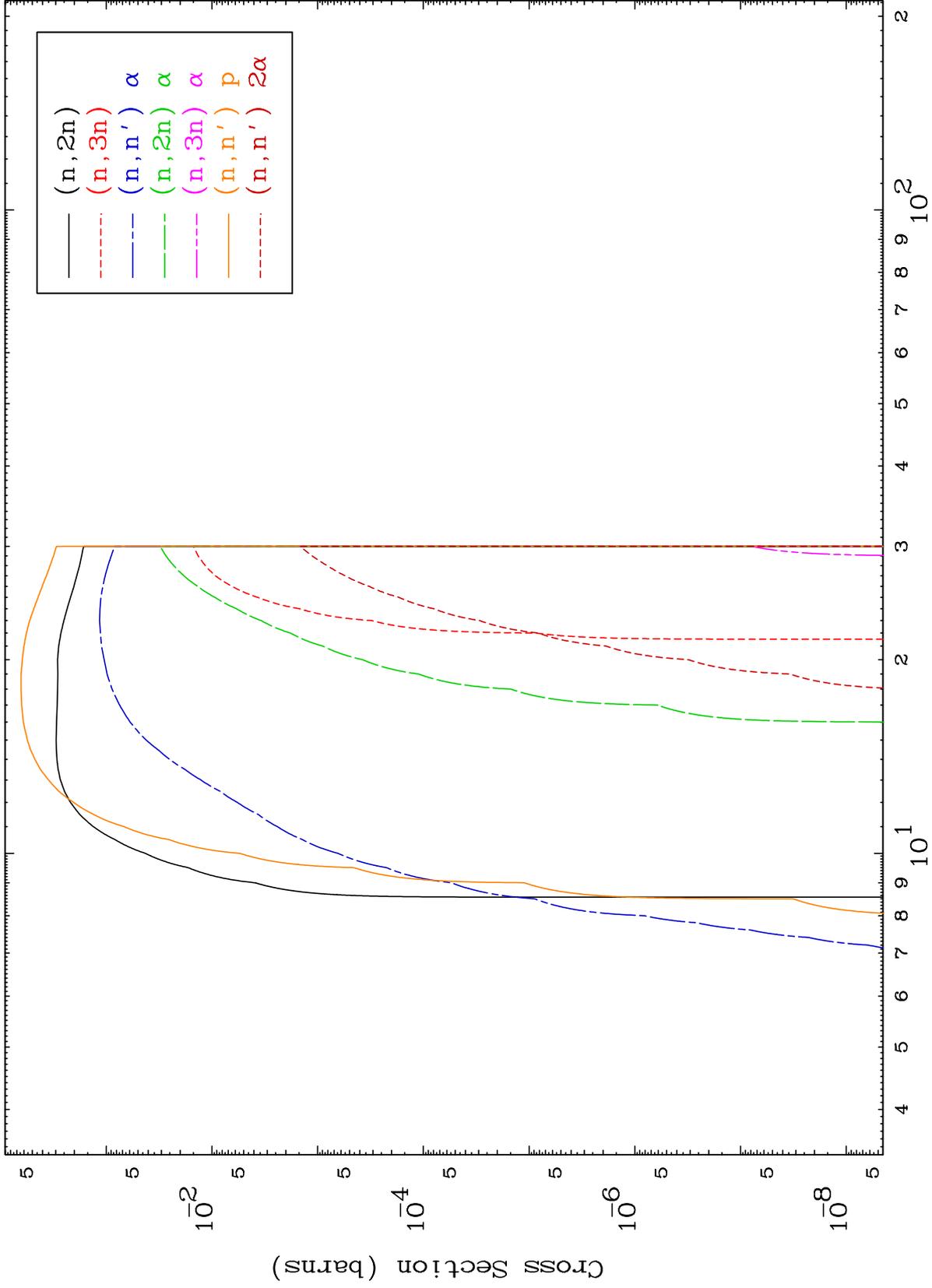
Major

293 Kelvin Cross Sections

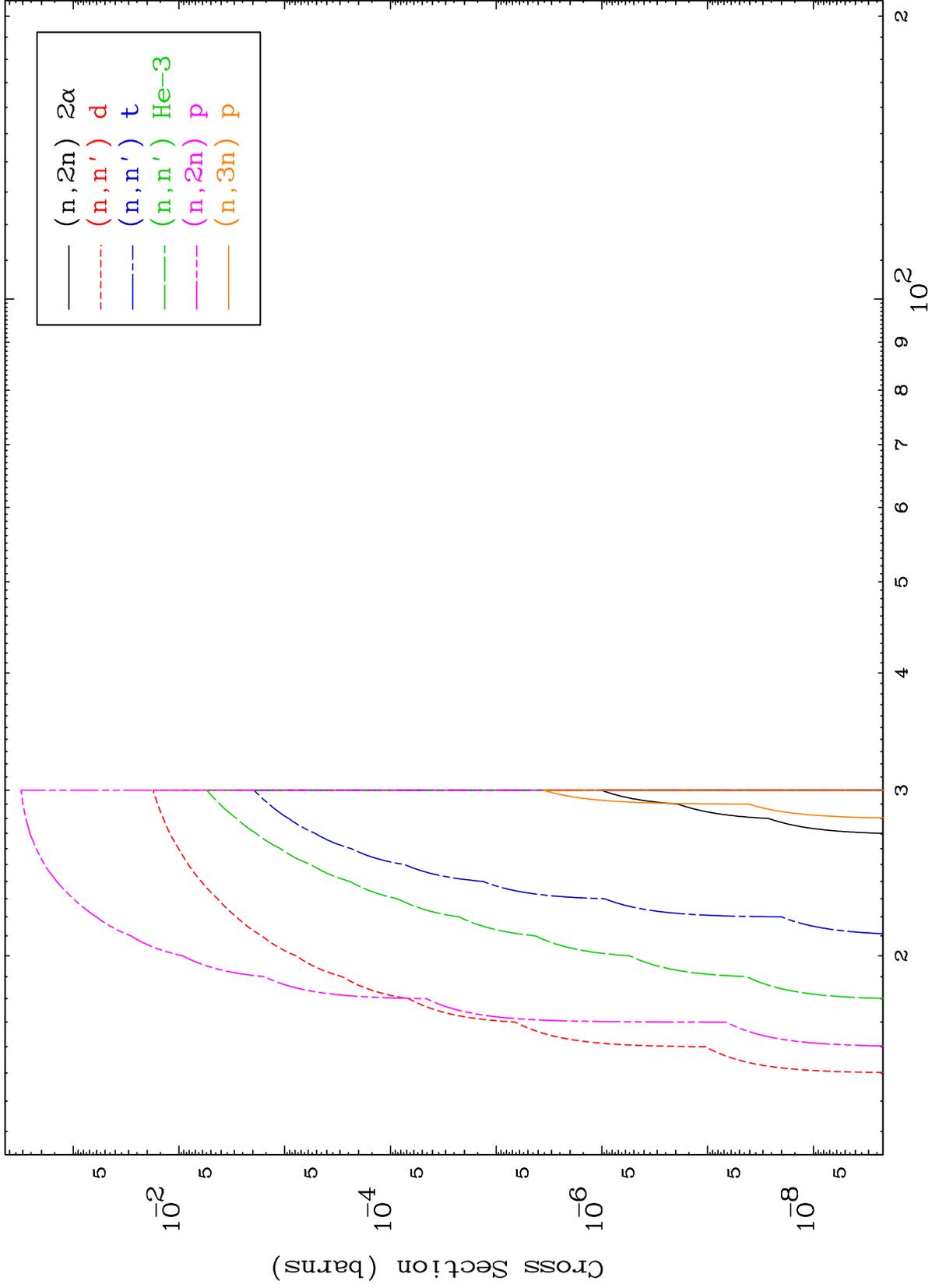
34-Se-73



Neutron Production
293 Kelvin Cross Sections



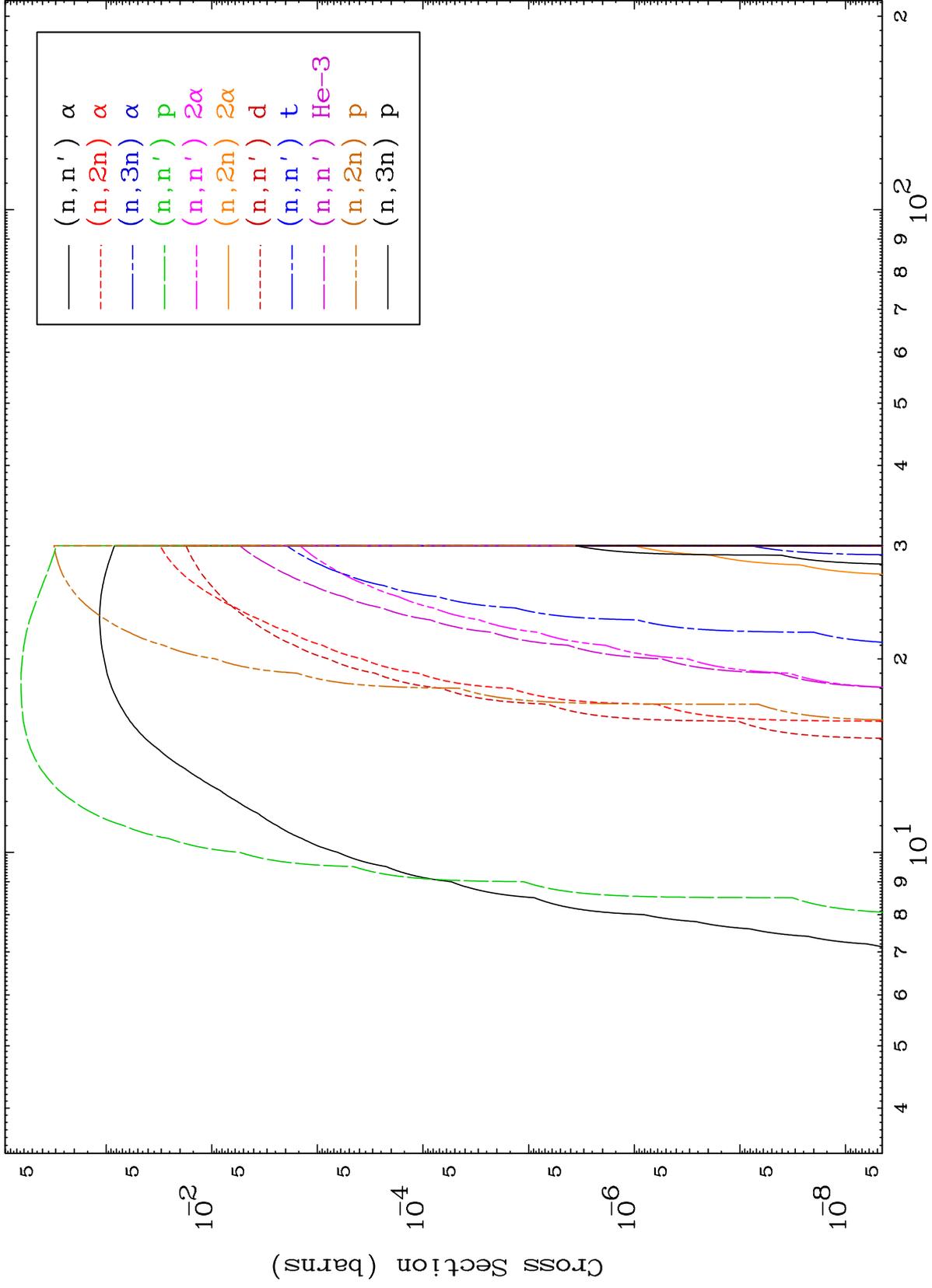
Neutron Production
293 Kelvin Cross Sections



MAT 3422

Charged Particle
293 Kelvin Cross Sections

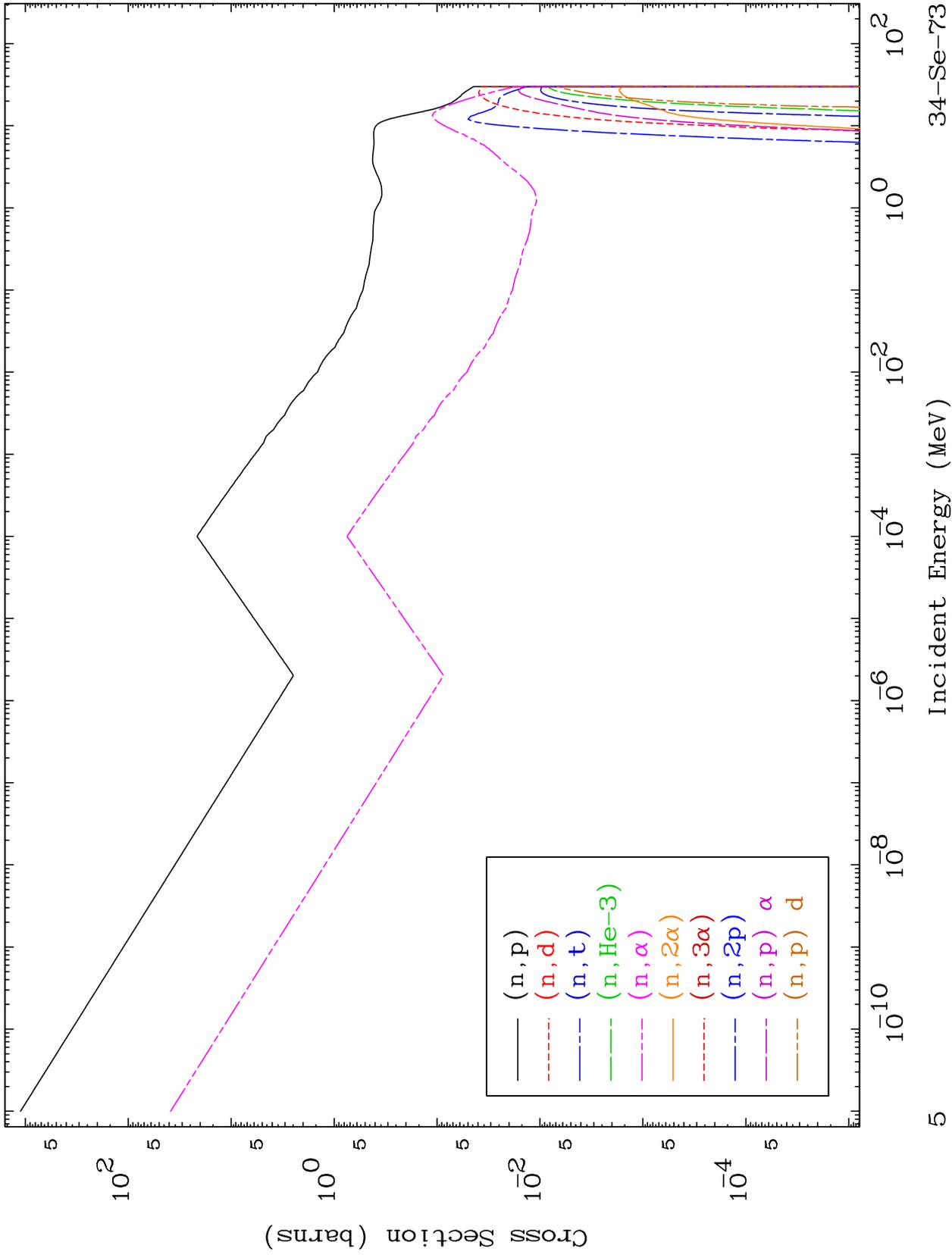
³⁴Se-73



MAT 3422

Charged Particle
293 Kelvin Cross Sections

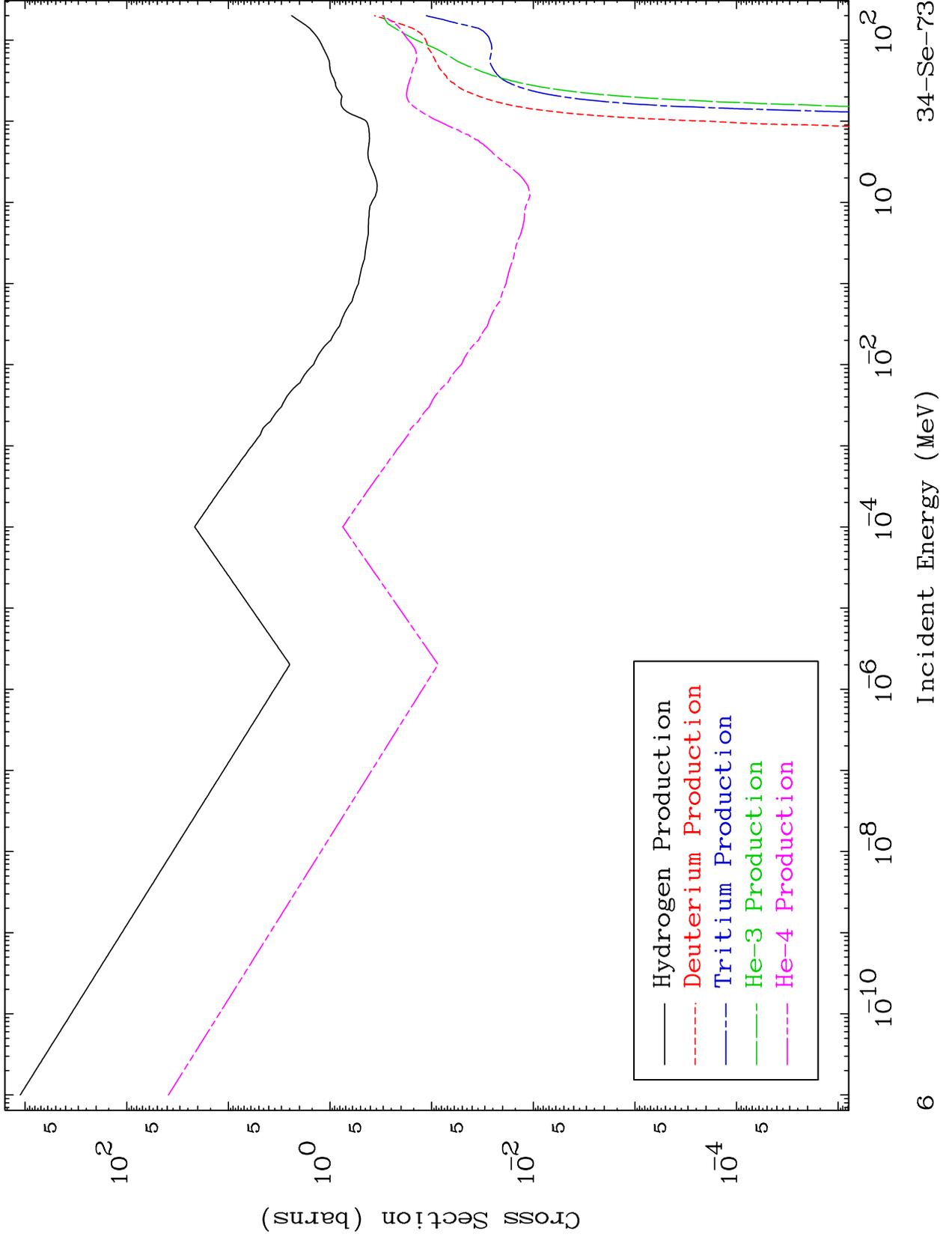
³⁴Se-73



MAT 3422

Particle Production
293 Kelvin Cross Sections

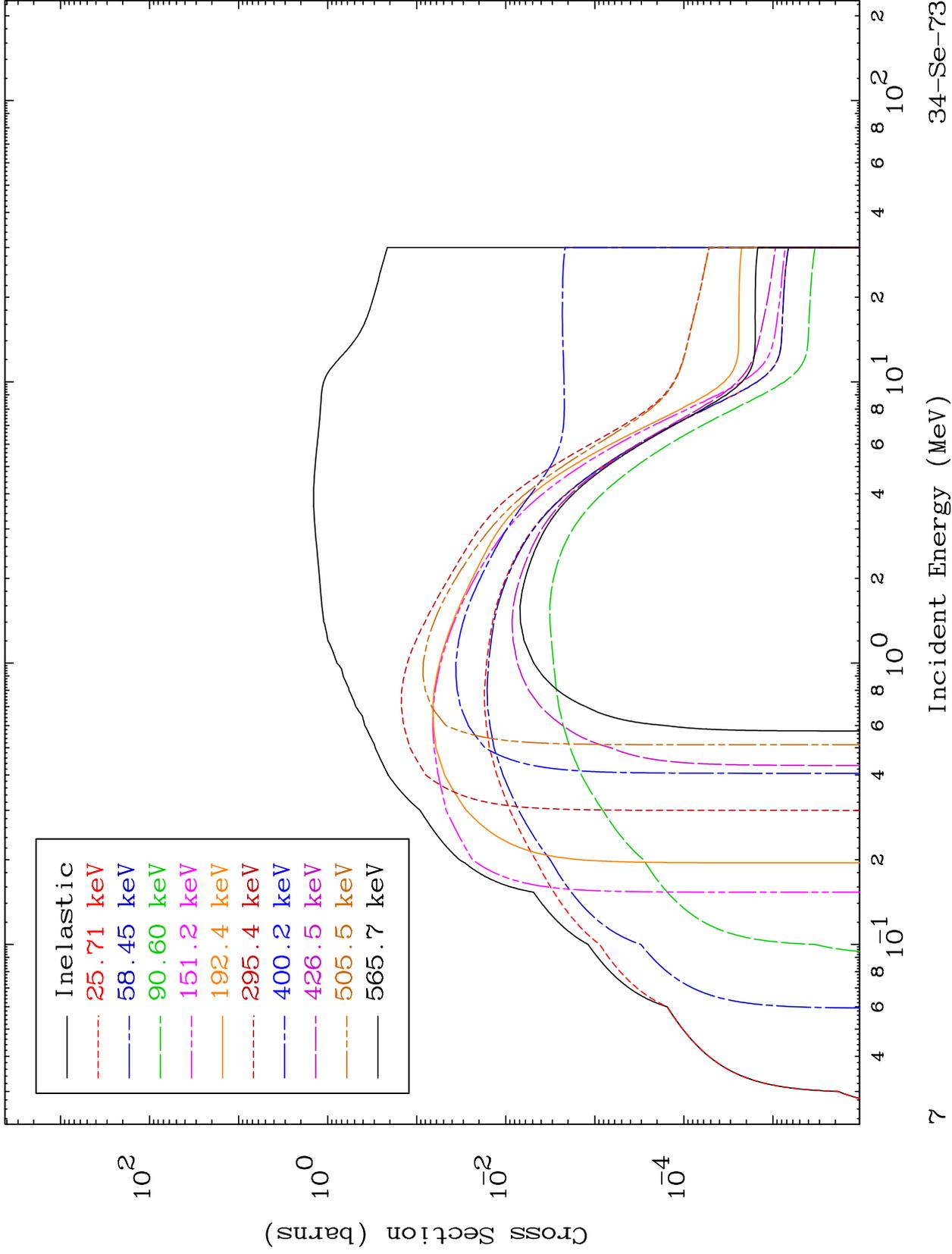
³⁴Se-73



MAT 3422

(n,n') Level
293 Kelvin Cross Sections

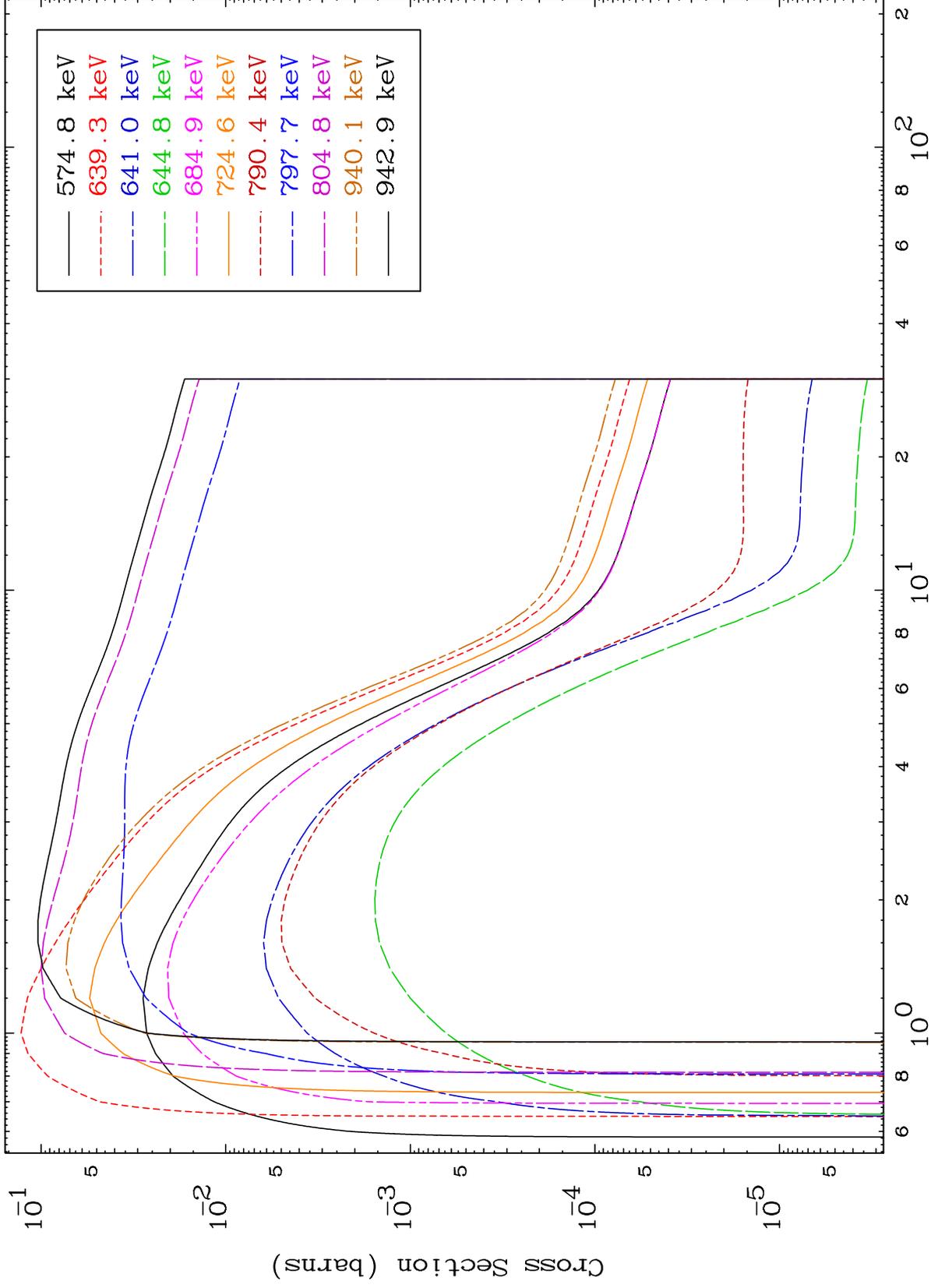
³⁴Se-73



MAT 3422

(n,n') Level
293 Kelvin Cross Sections

³⁴Se-73



Incident Energy (MeV)

³⁴Se-73

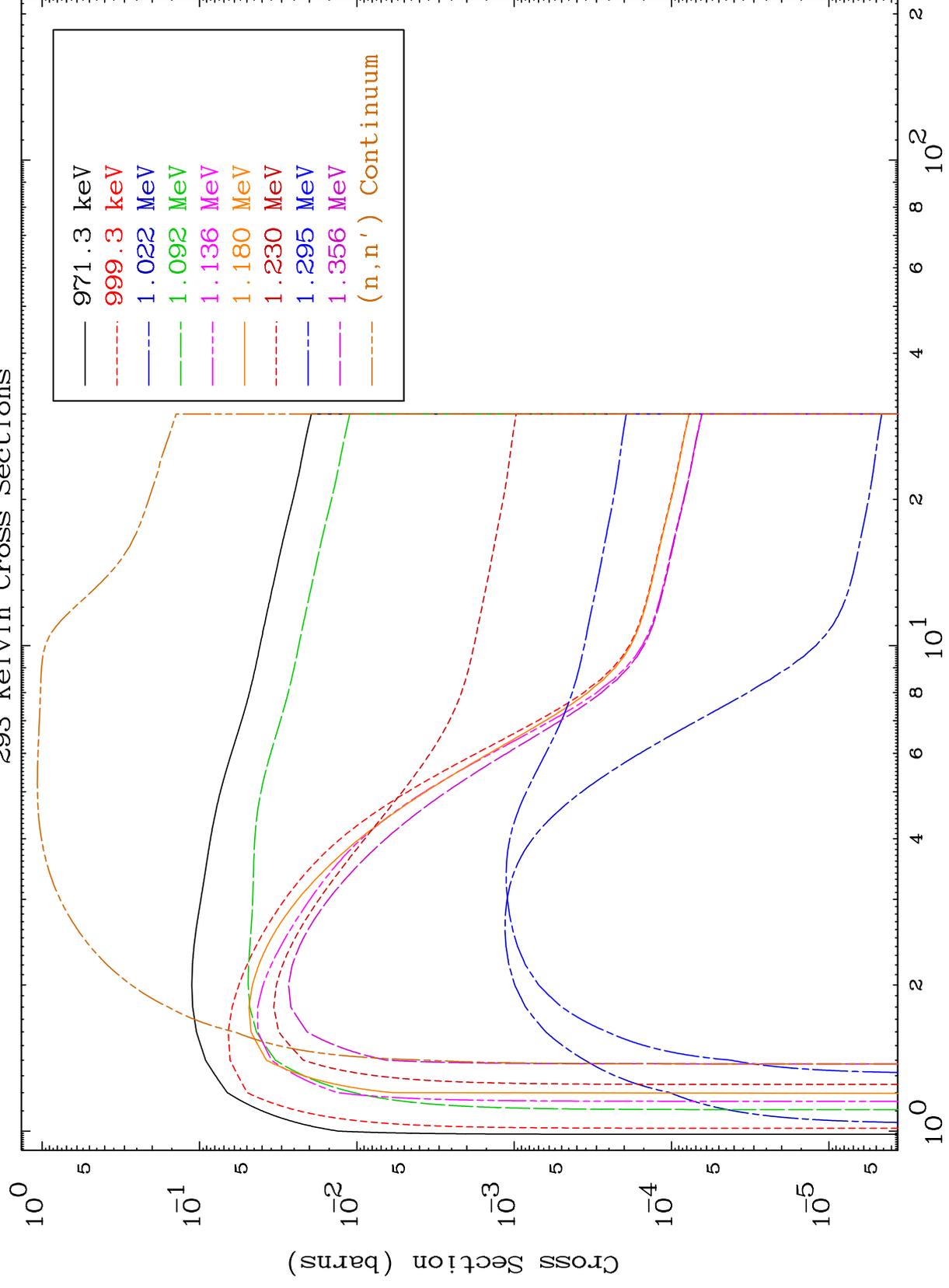
8

MAT 3422

(n,n') Level

³⁴Se-73

293 Kelvin Cross Sections



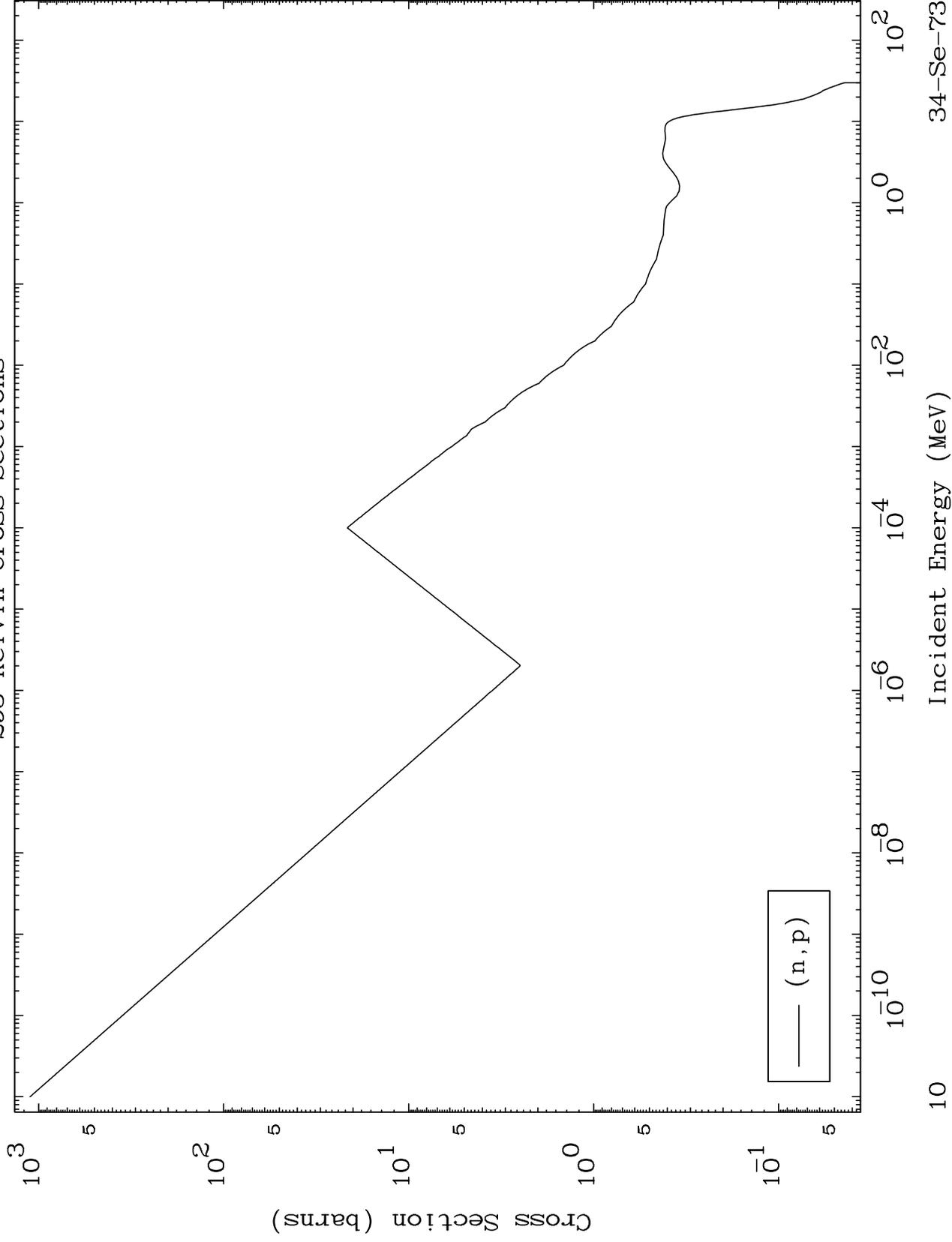
Incident Energy (MeV)

³⁴Se-73

MAT 3422

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-73



(n,p)

10

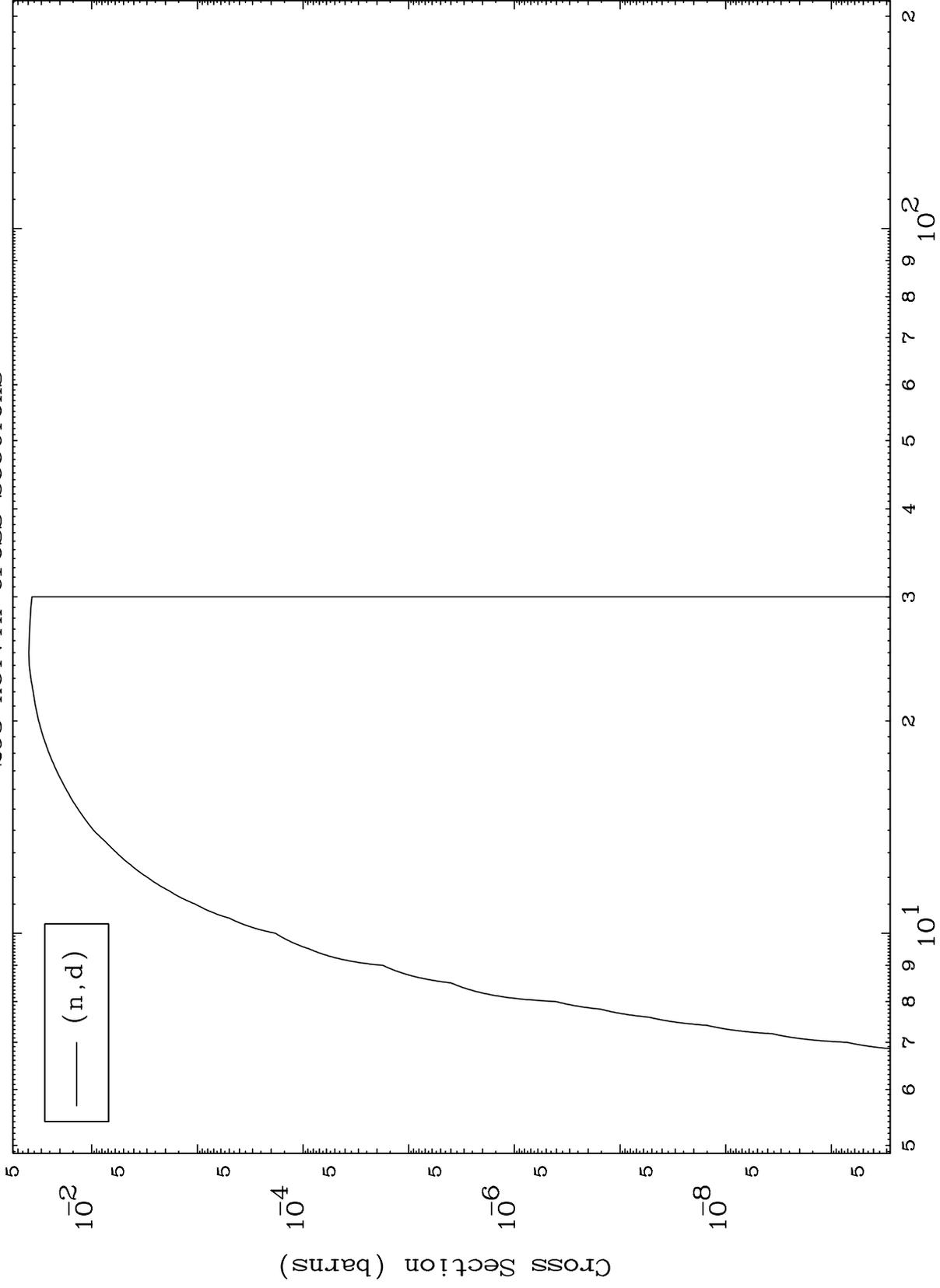
Incident Energy (MeV)

³⁴Se-73

MAT 3422

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-73



11

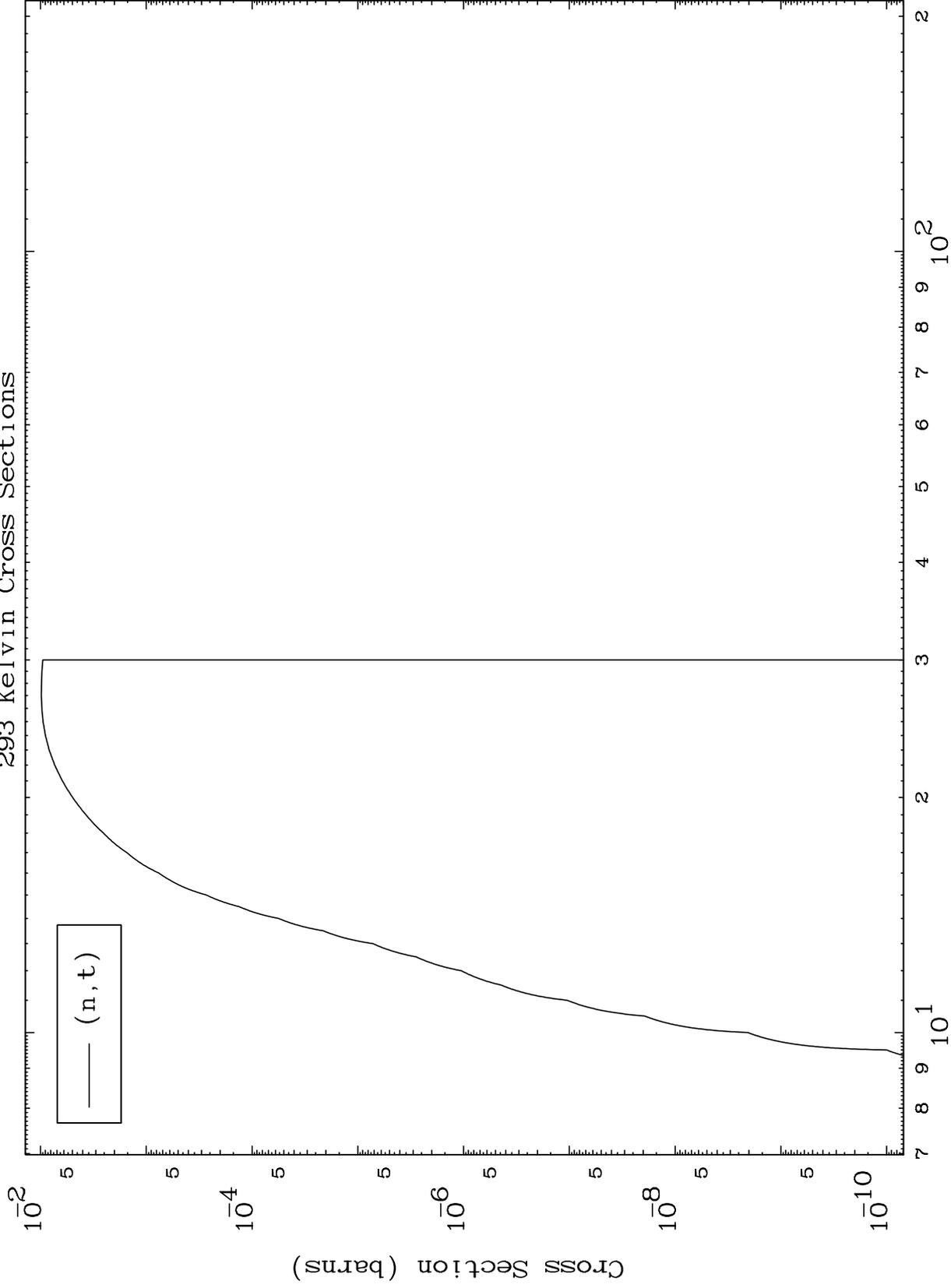
Incident Energy (MeV)

³⁴Se-73

MAT 3422

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-73



12

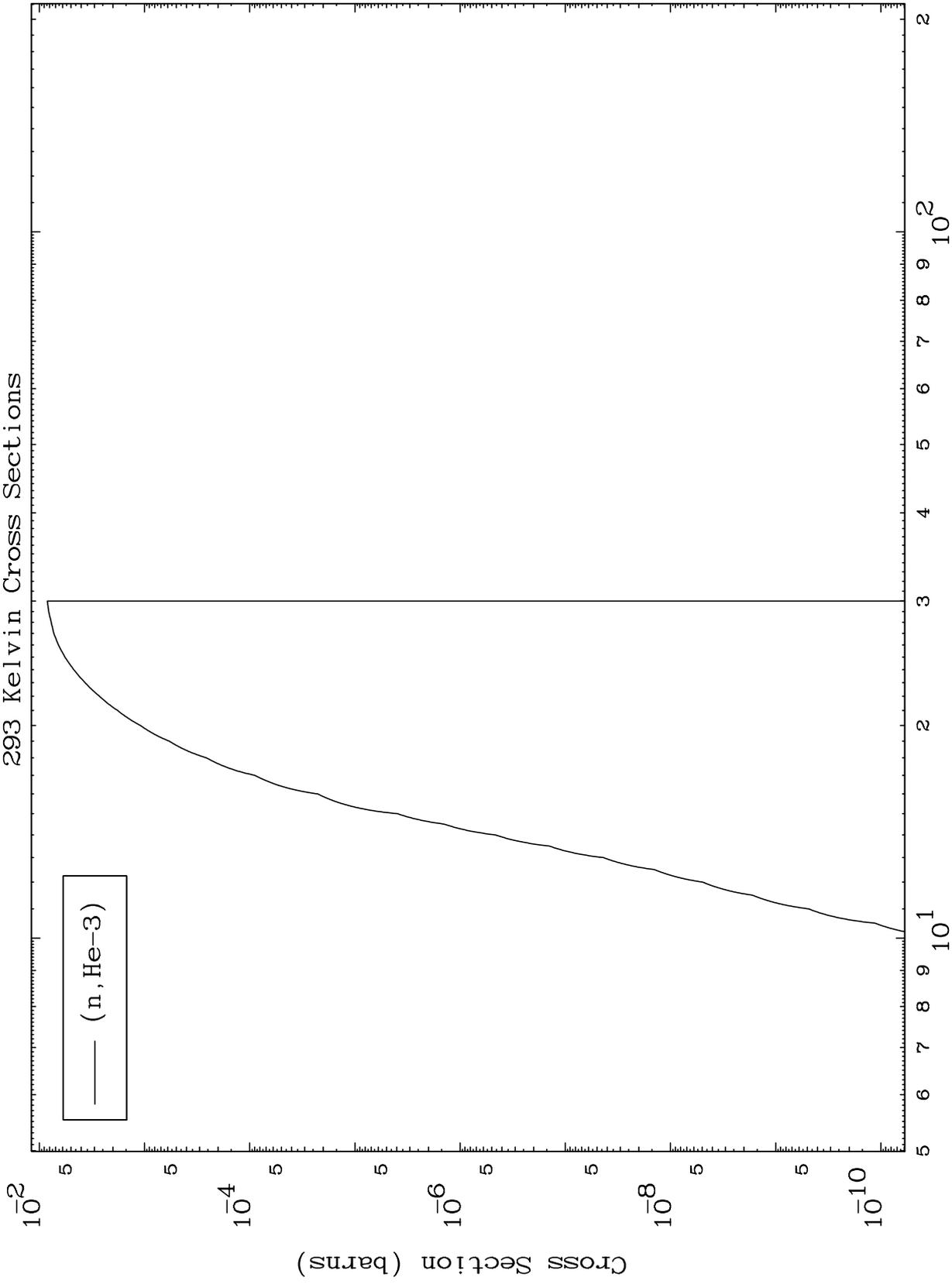
Incident Energy (MeV)

³⁴Se-73

MAT 3422

(n,He3) Levels
293 Kelvin Cross Sections

³⁴Se-73



13

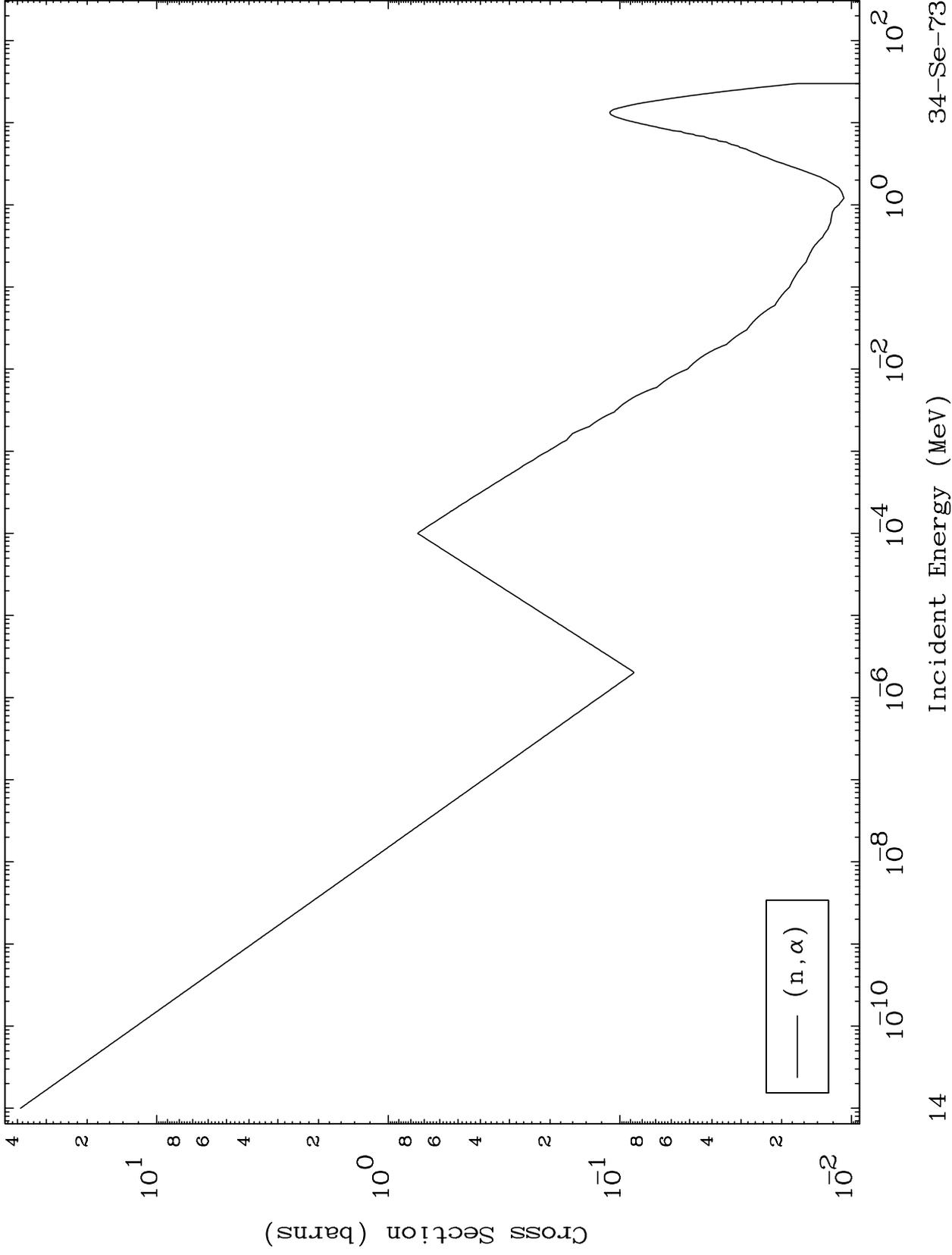
Incident Energy (MeV)

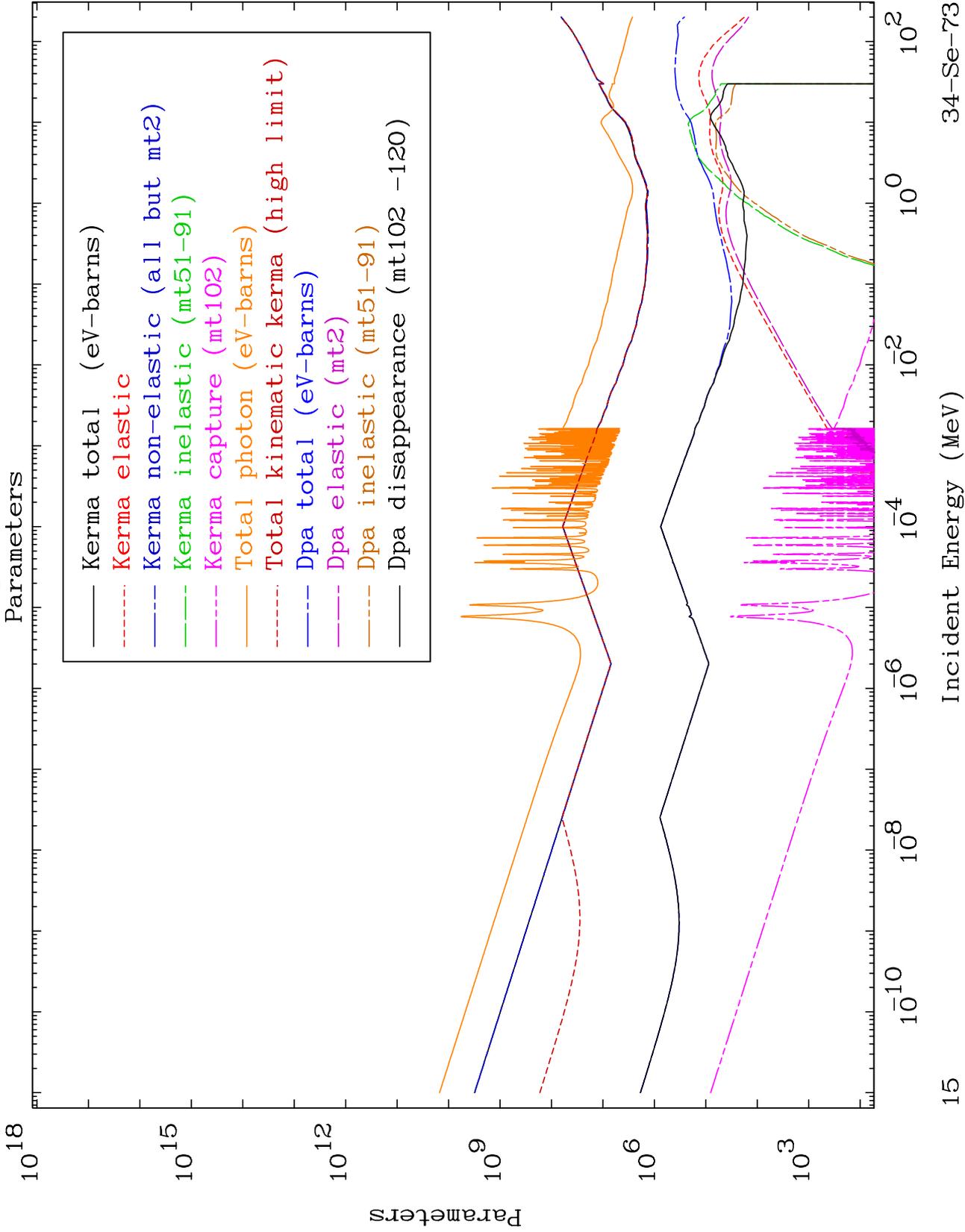
³⁴Se-73

MAT 3422

(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-73

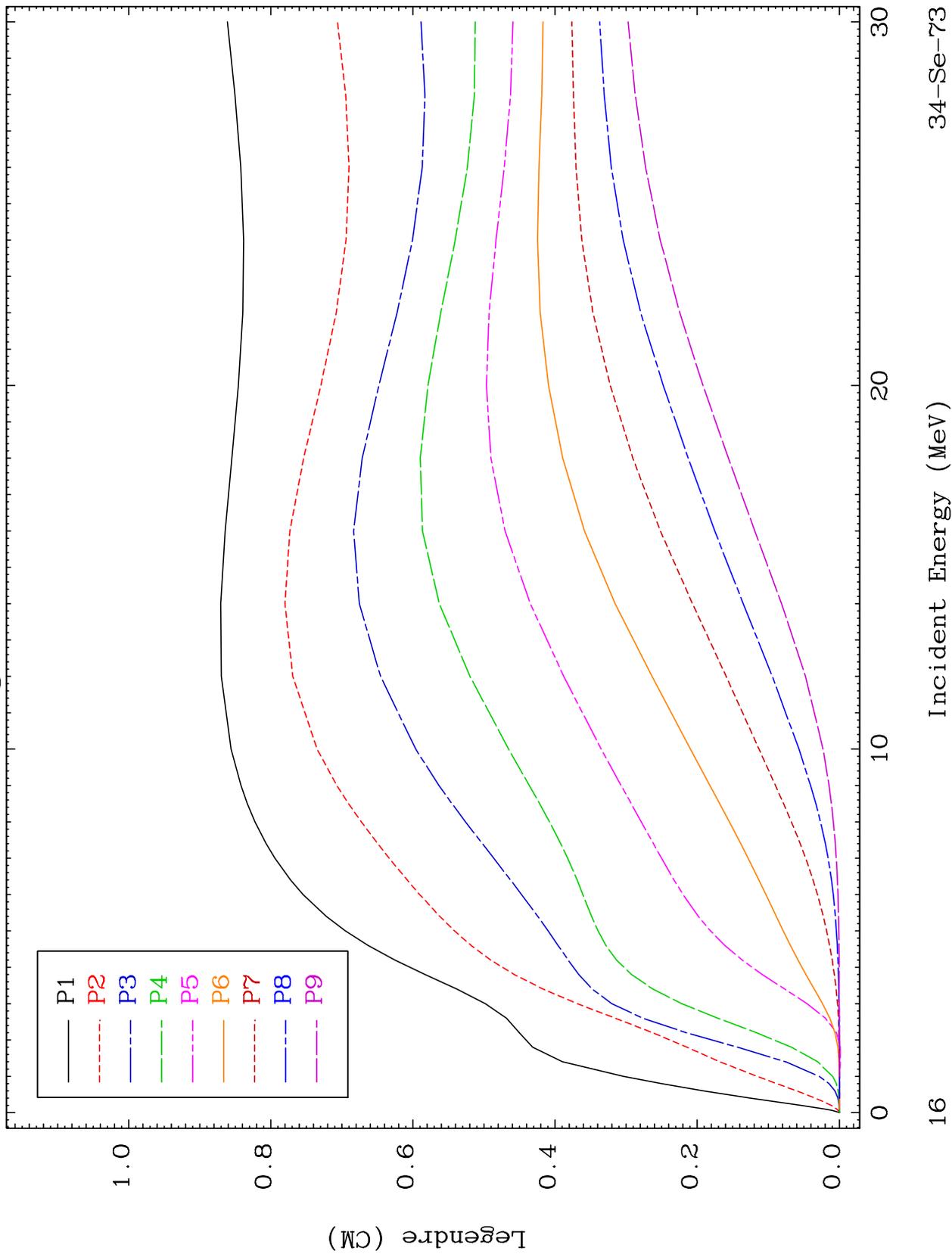




MAT 3422

Elastic Legendre Coefficients

³⁴Se-73



16

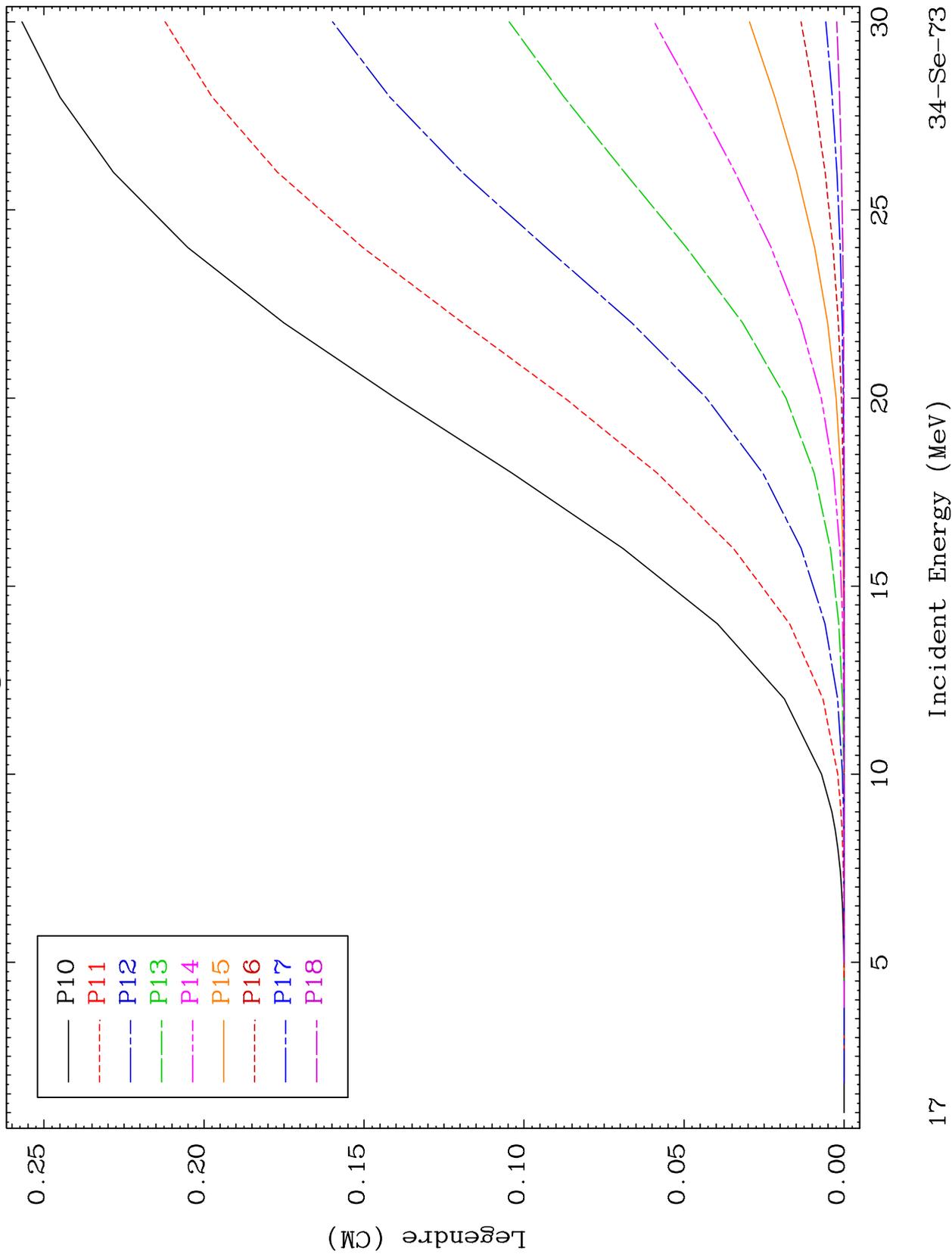
Incident Energy (MeV)

³⁴Se-73

MAT 3422

Elastic Legendre Coefficients

³⁴Se-73



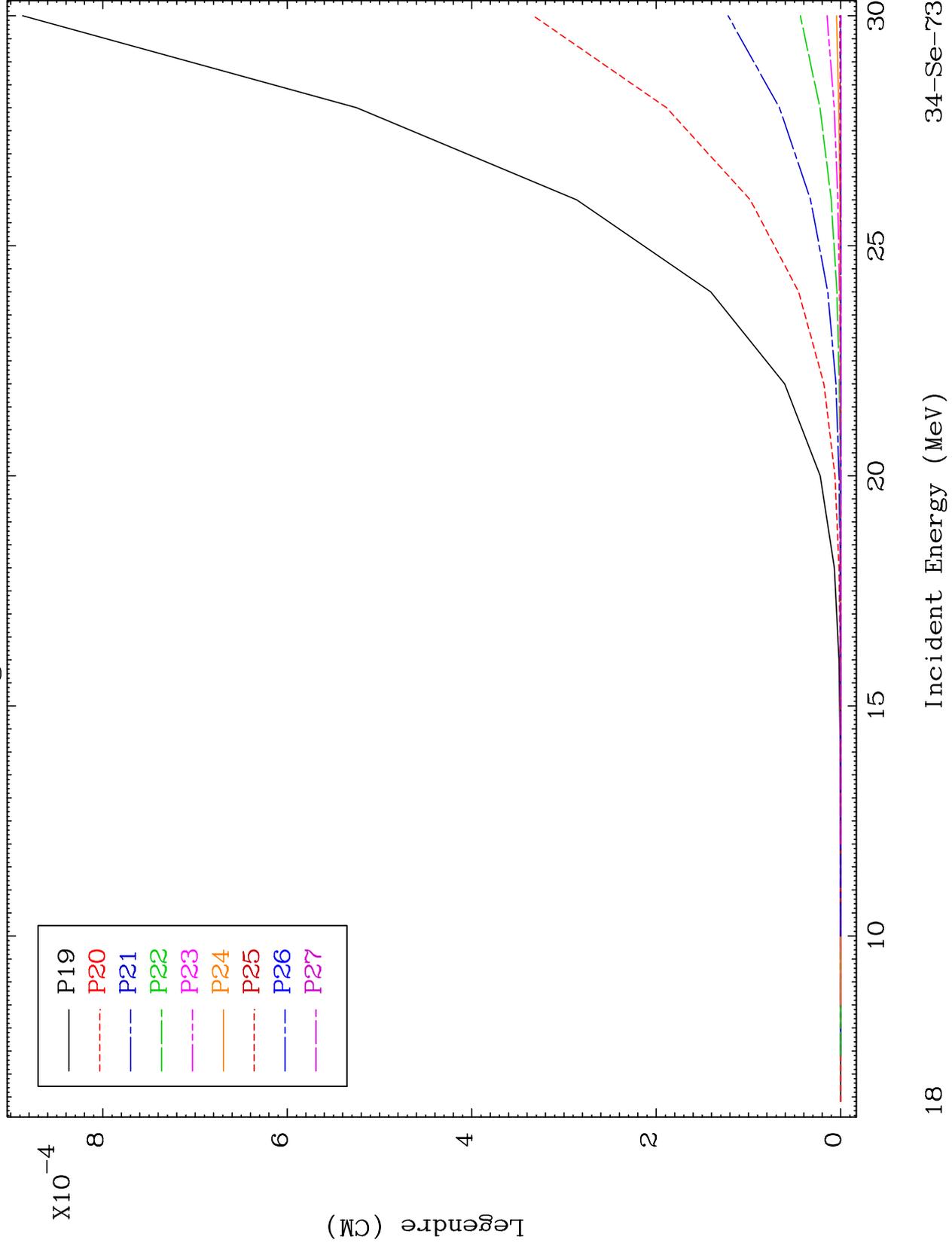
17

³⁴Se-73

MAT 3422

Elastic Legendre Coefficients

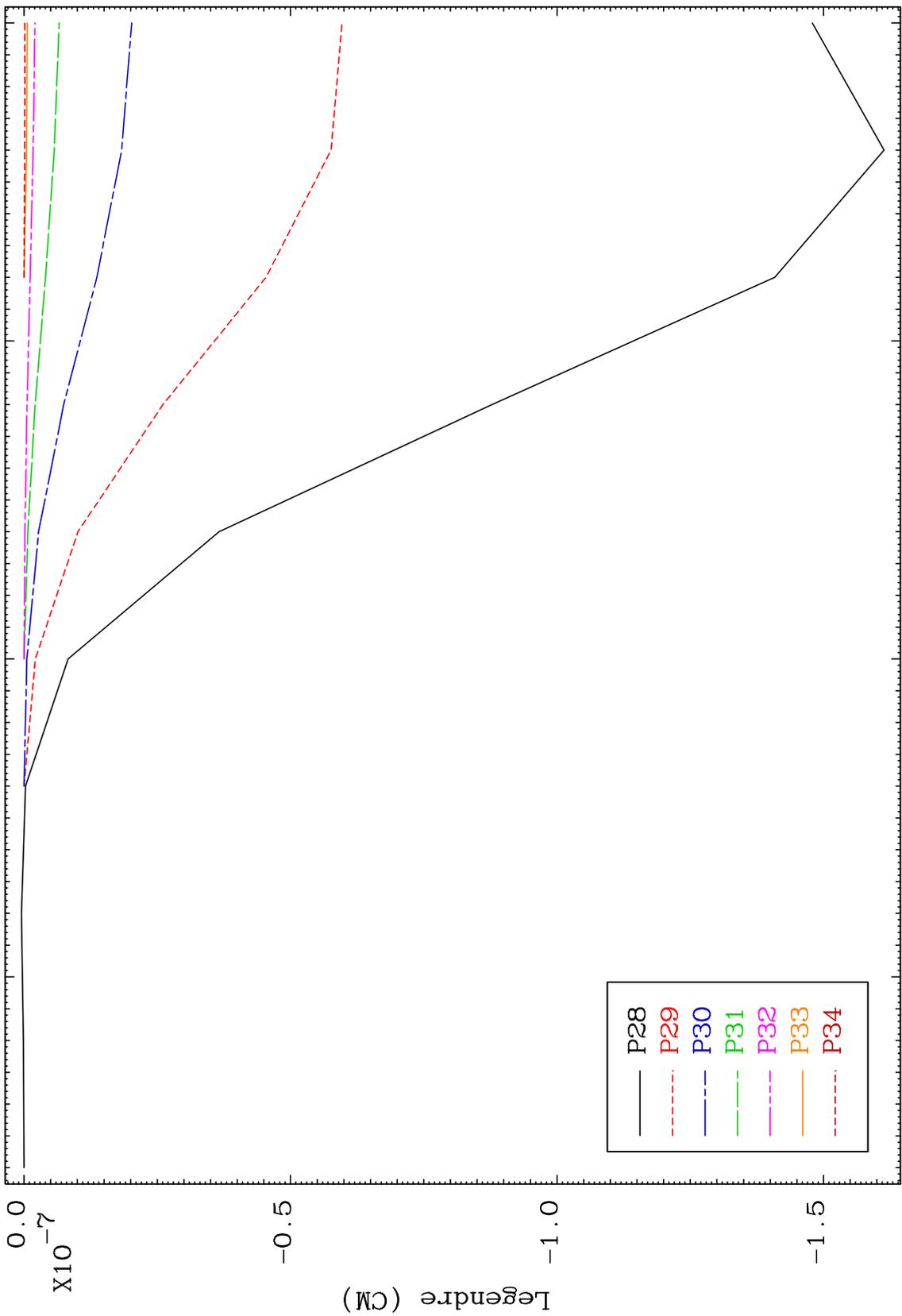
³⁴Se-73



MAT 3422

³⁴Se-73

Elastic Legendre Coefficients



$\times 10^{-7}$

Legendre (CM)

15

20

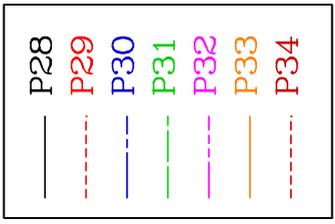
25

30

19

Incident Energy (MeV)

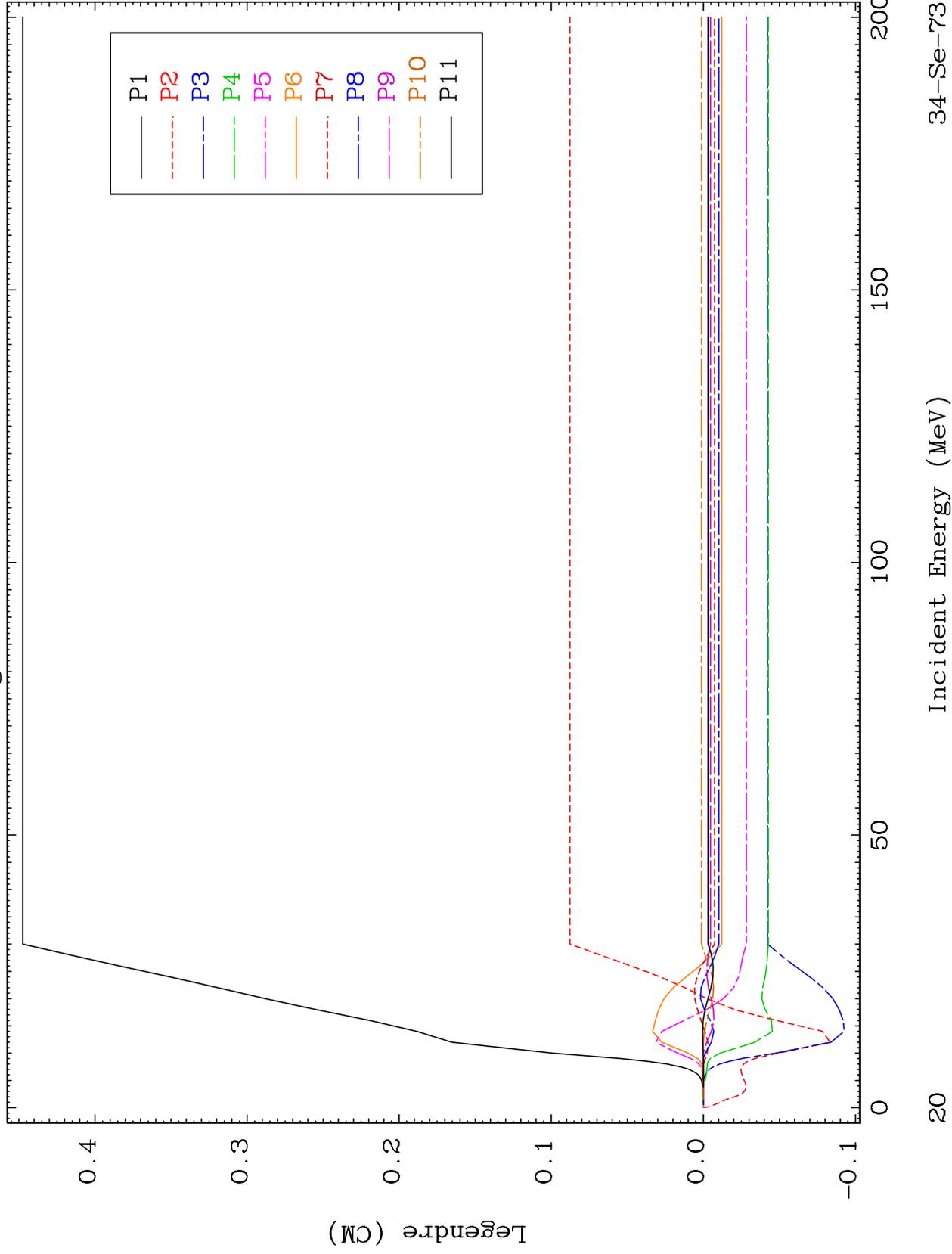
³⁴Se-73



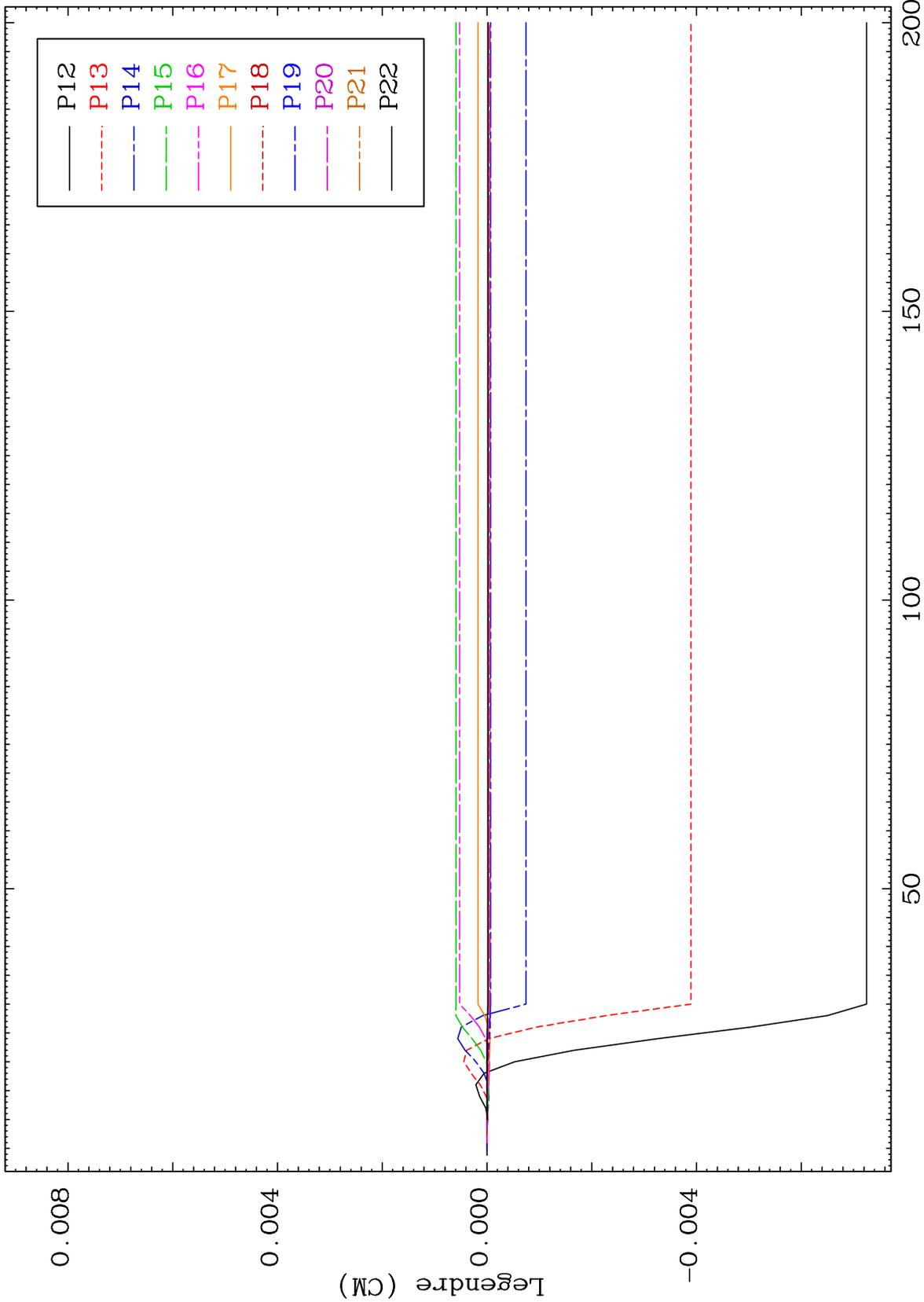
MAT 3422

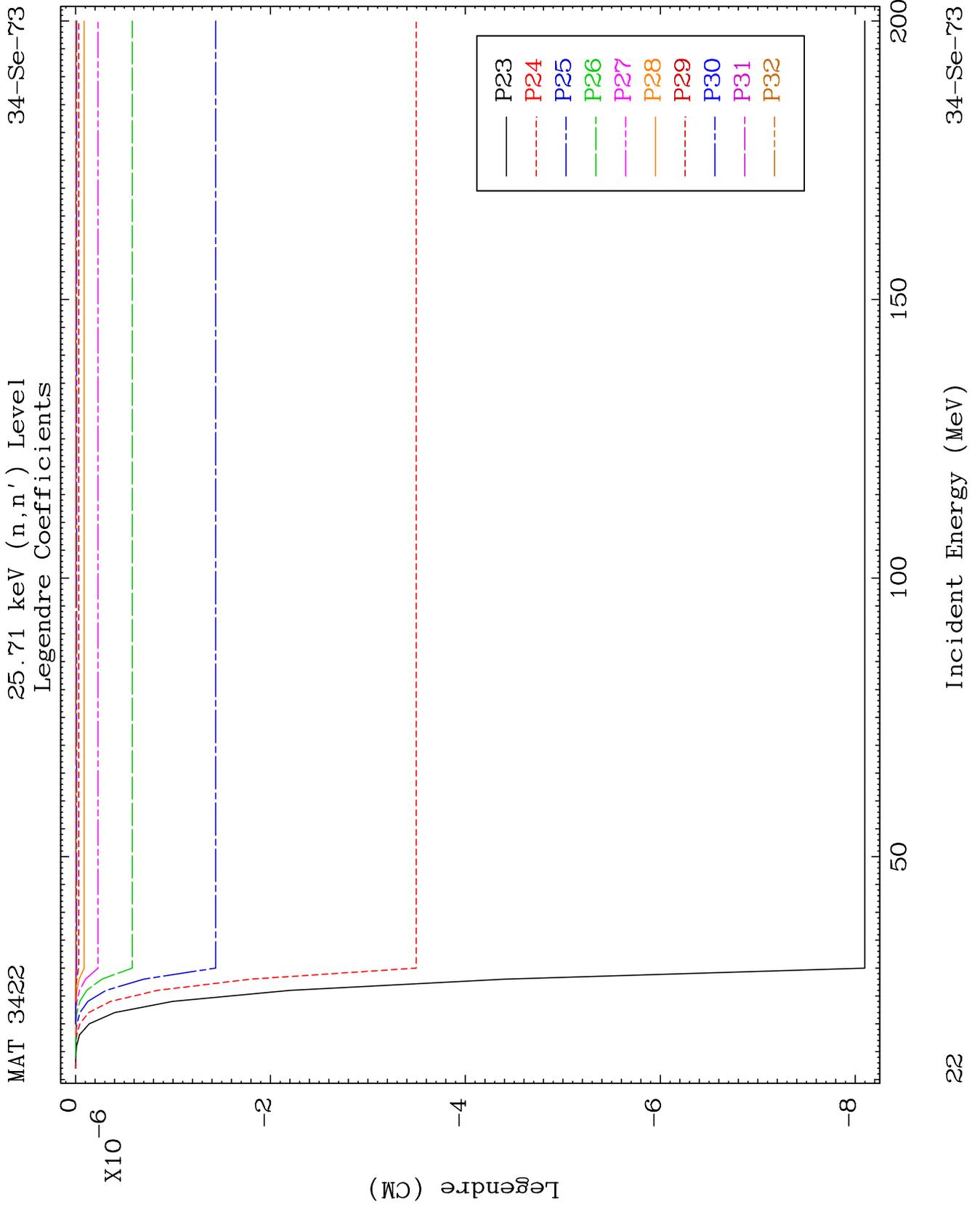
25.71 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



³⁴Se-73

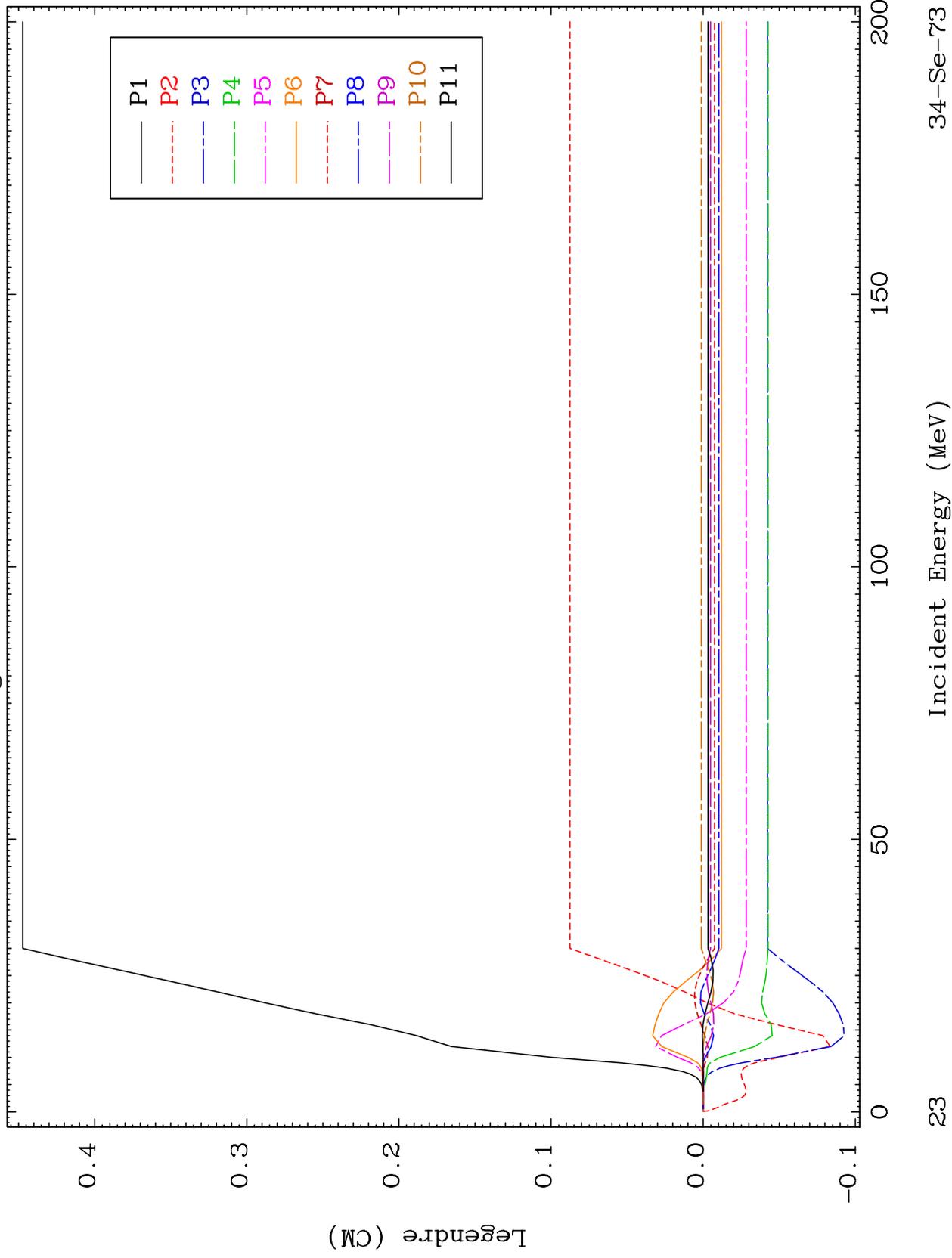




MAT 3422

58.45 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



³⁴Se-73

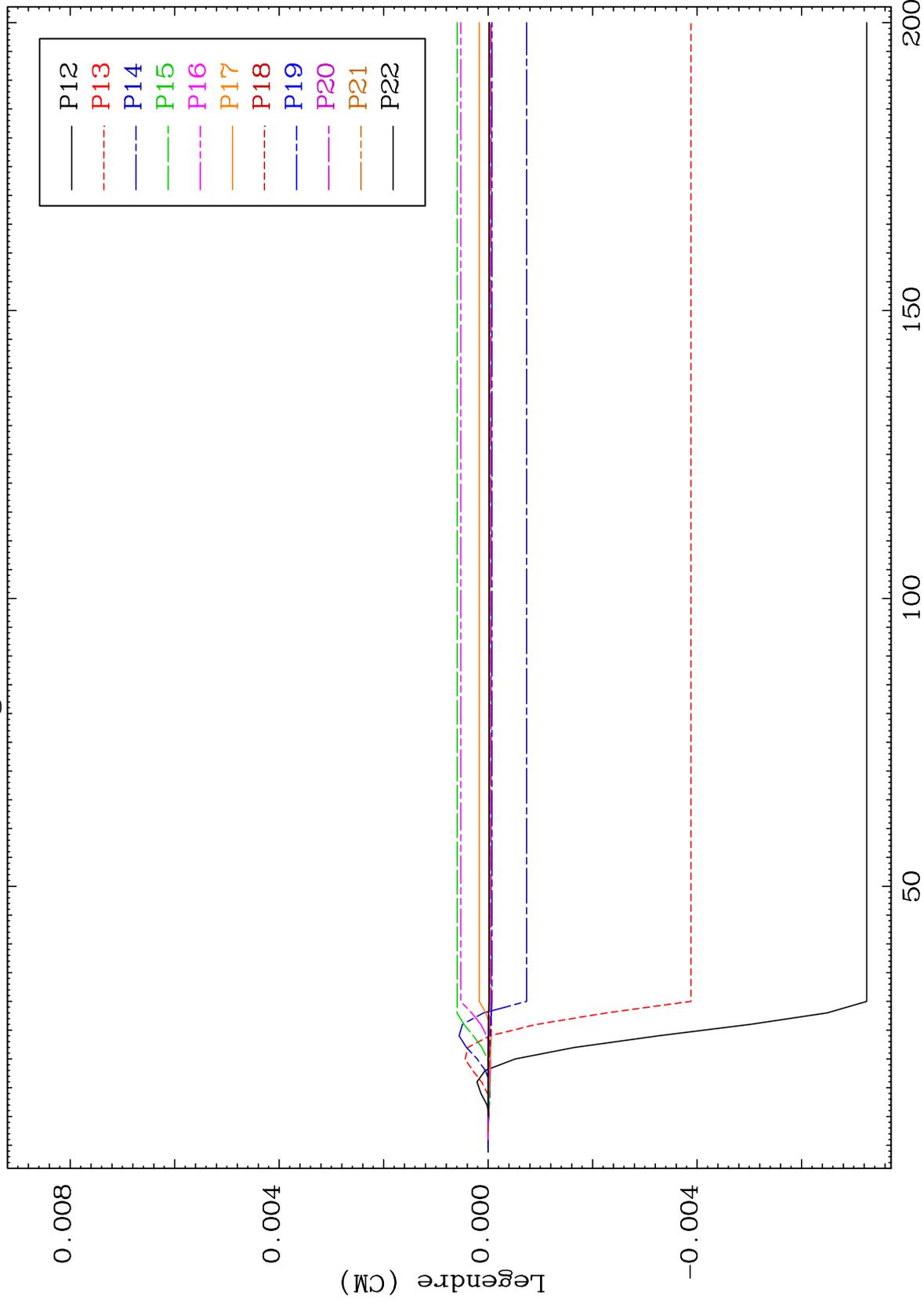
Incident Energy (MeV)

23

MAT 3422

58.45 keV (n,n') Level
Legendre Coefficients

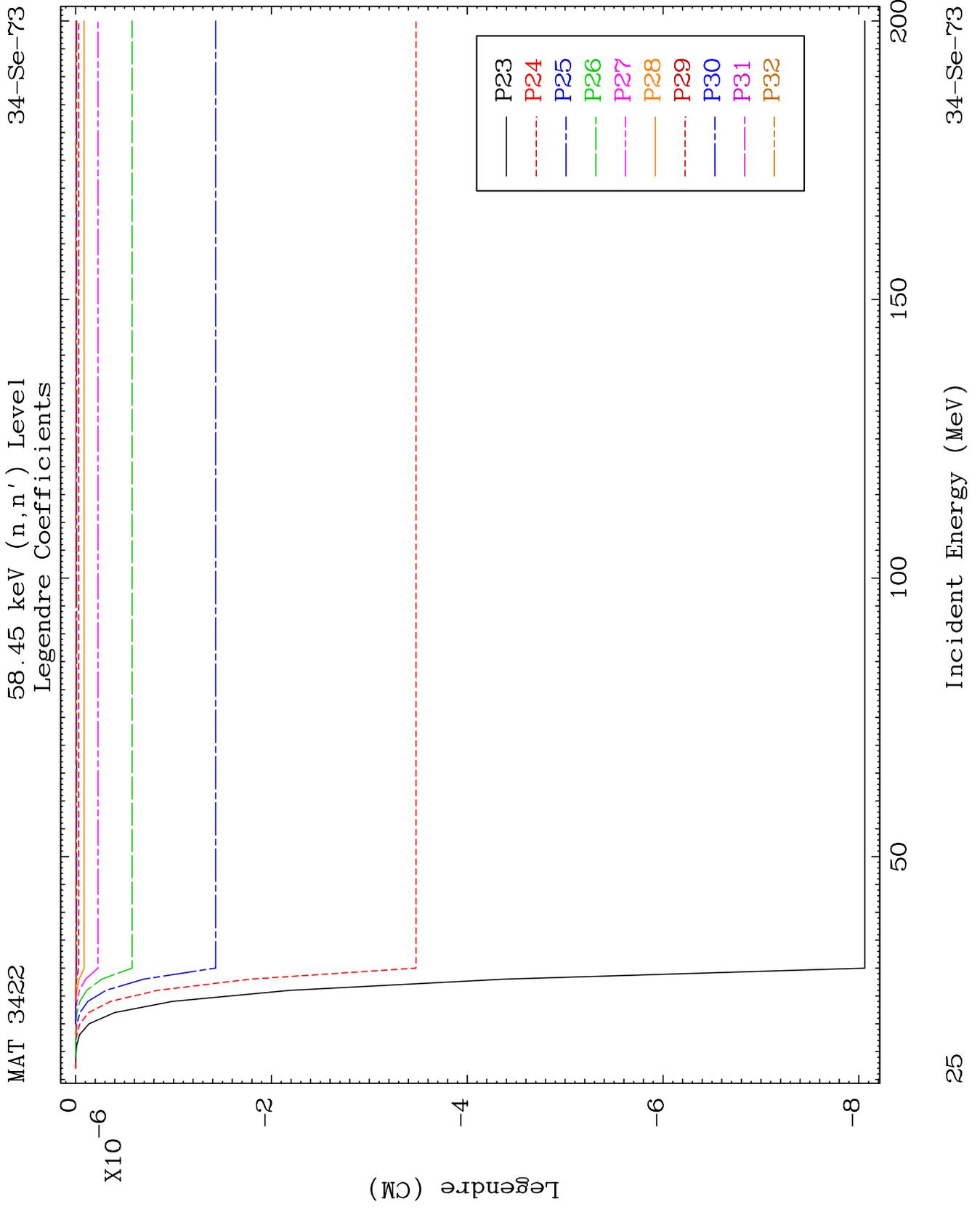
³⁴Se-73

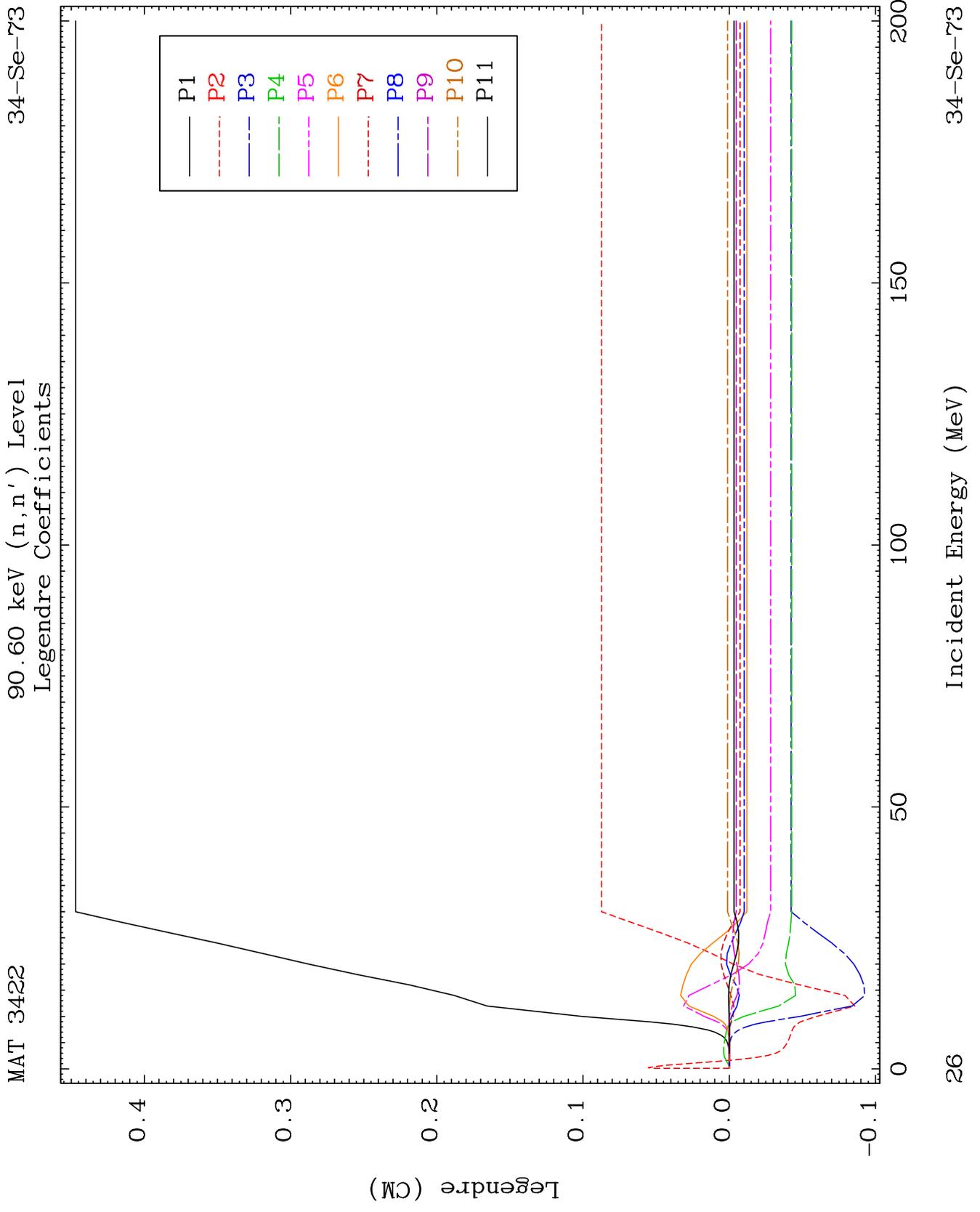


24

Incident Energy (MeV)

³⁴Se-73

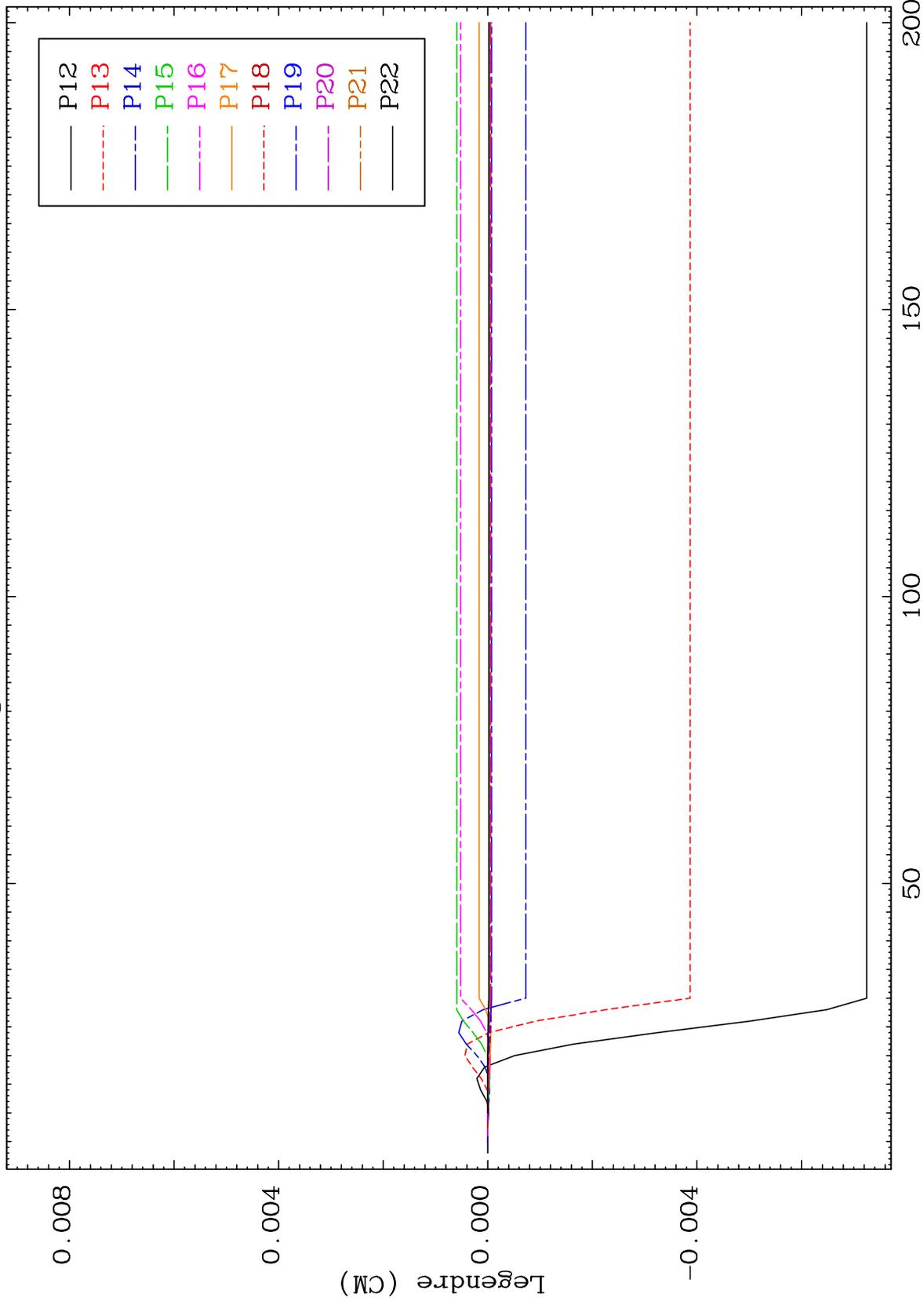




MAT 3422

90.60 keV (n,n') Level
Legendre Coefficients

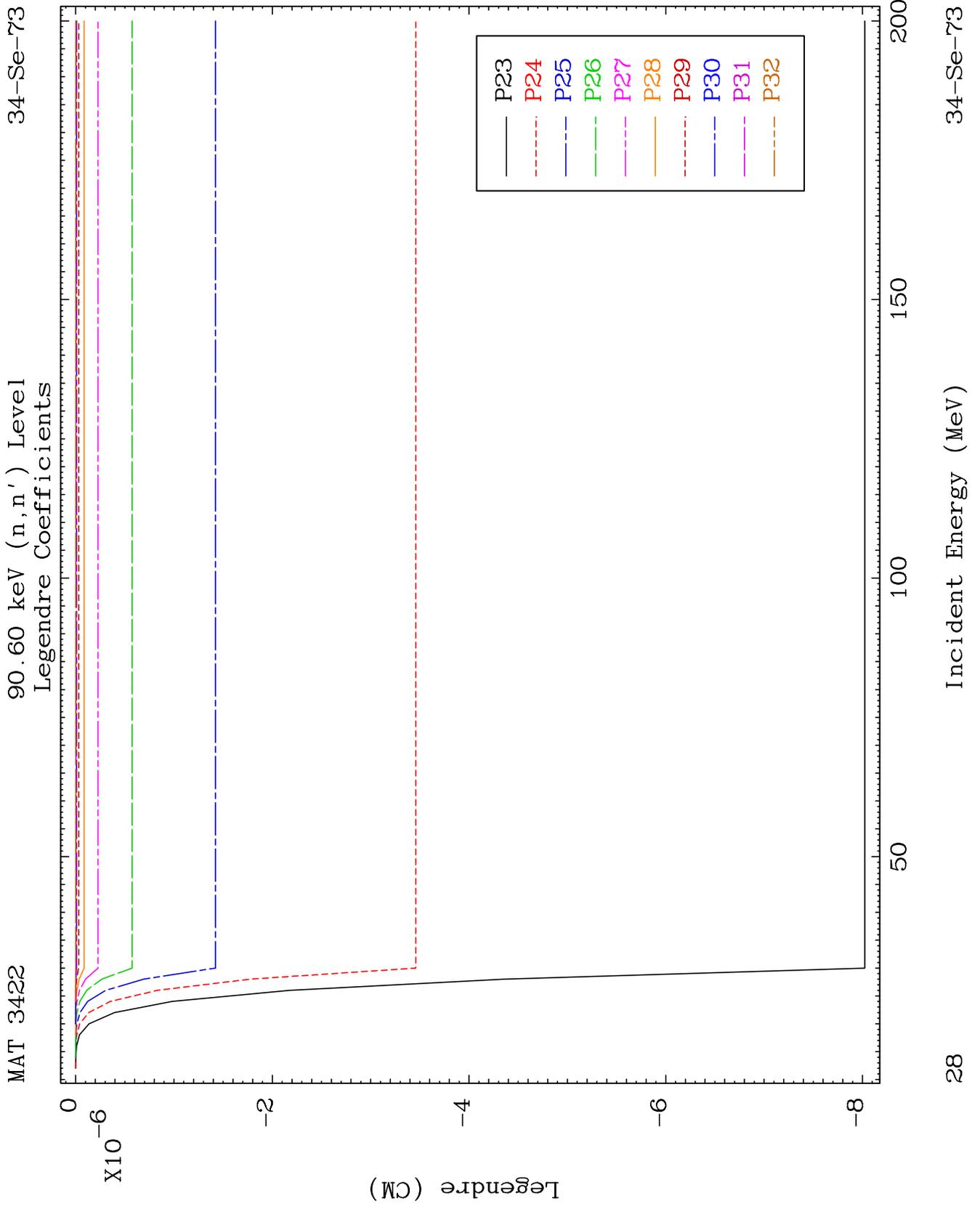
³⁴Se-73

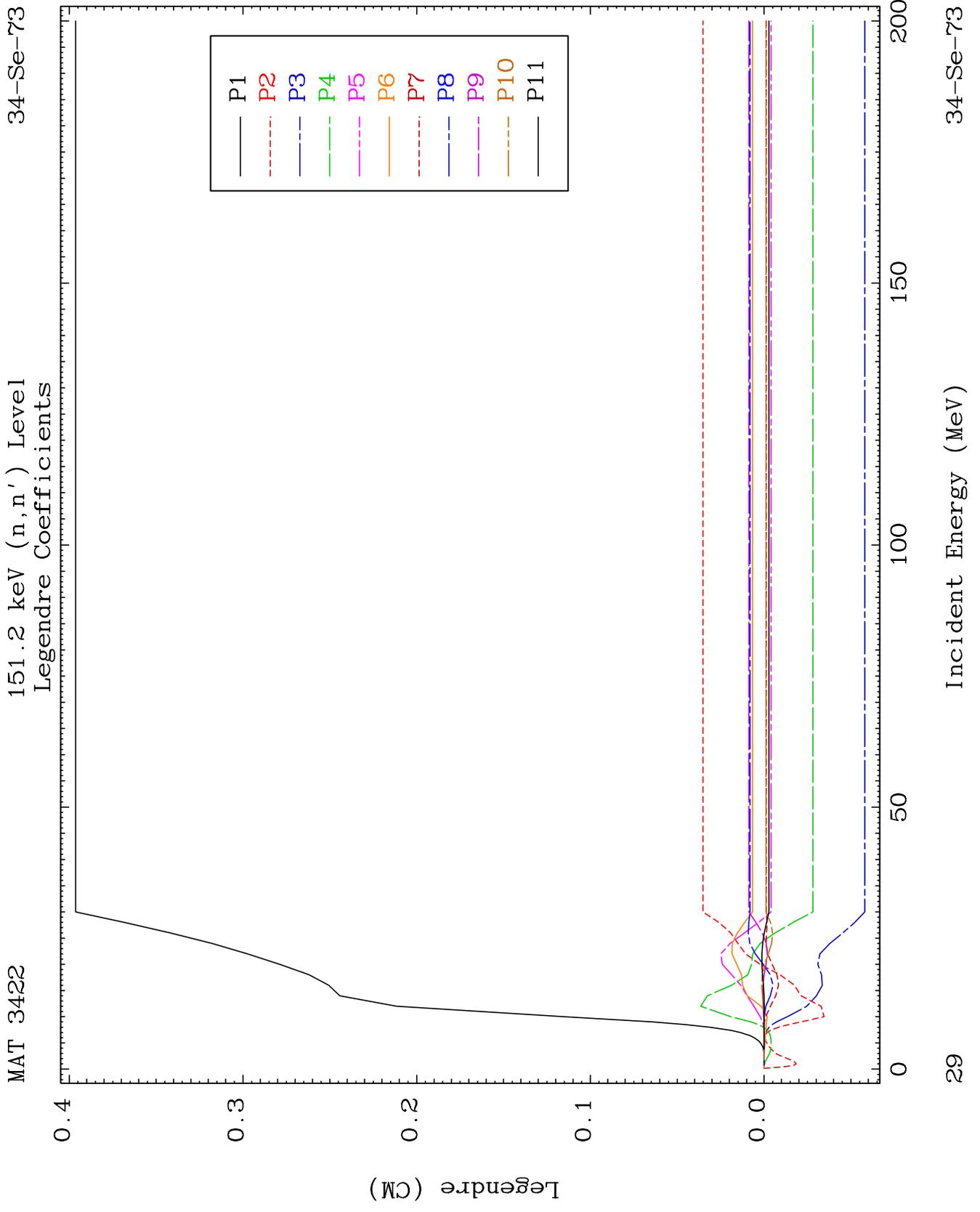


27

Incident Energy (MeV)

³⁴Se-73

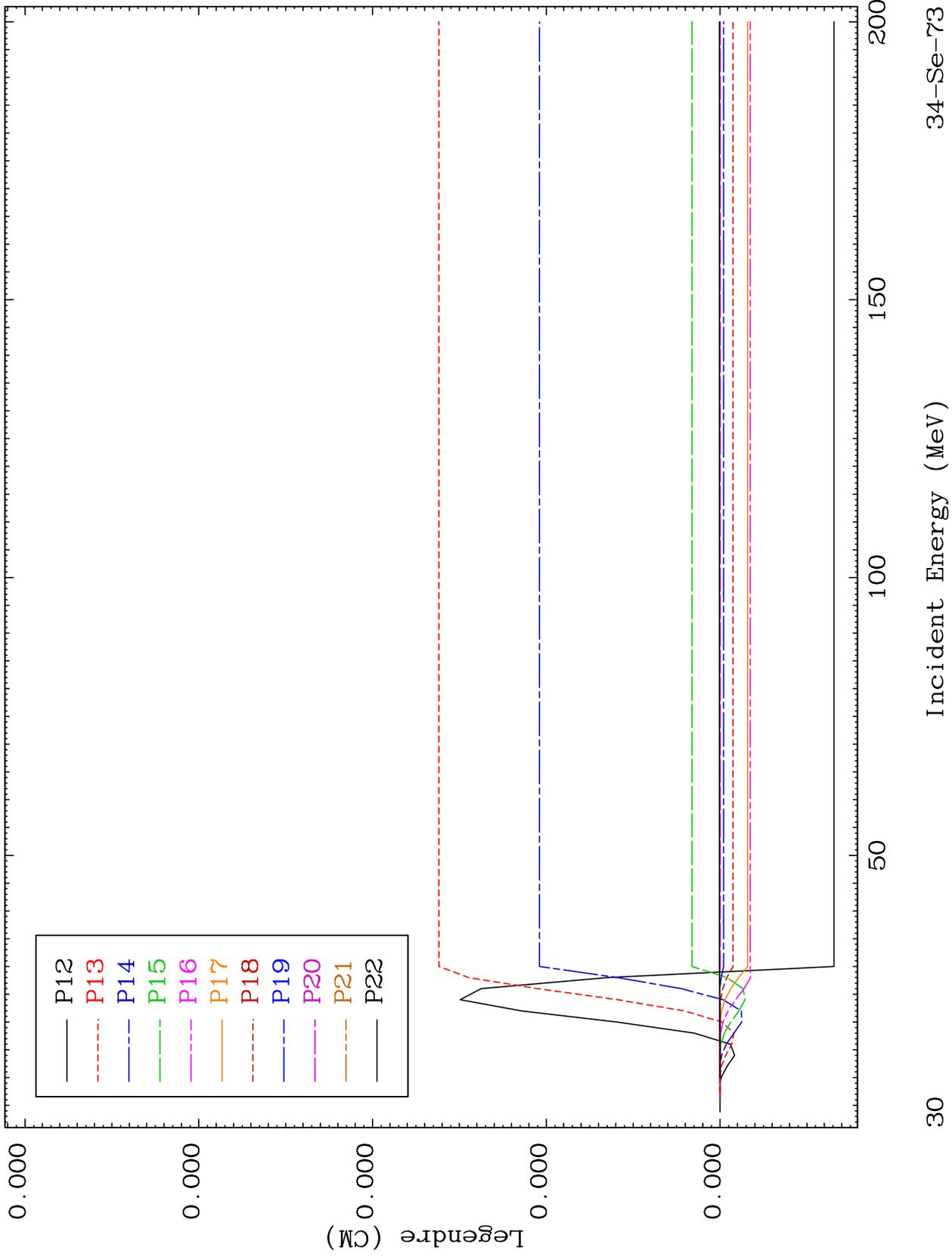




MAT 3422

151.2 keV (n,n') Level
Legendre Coefficients

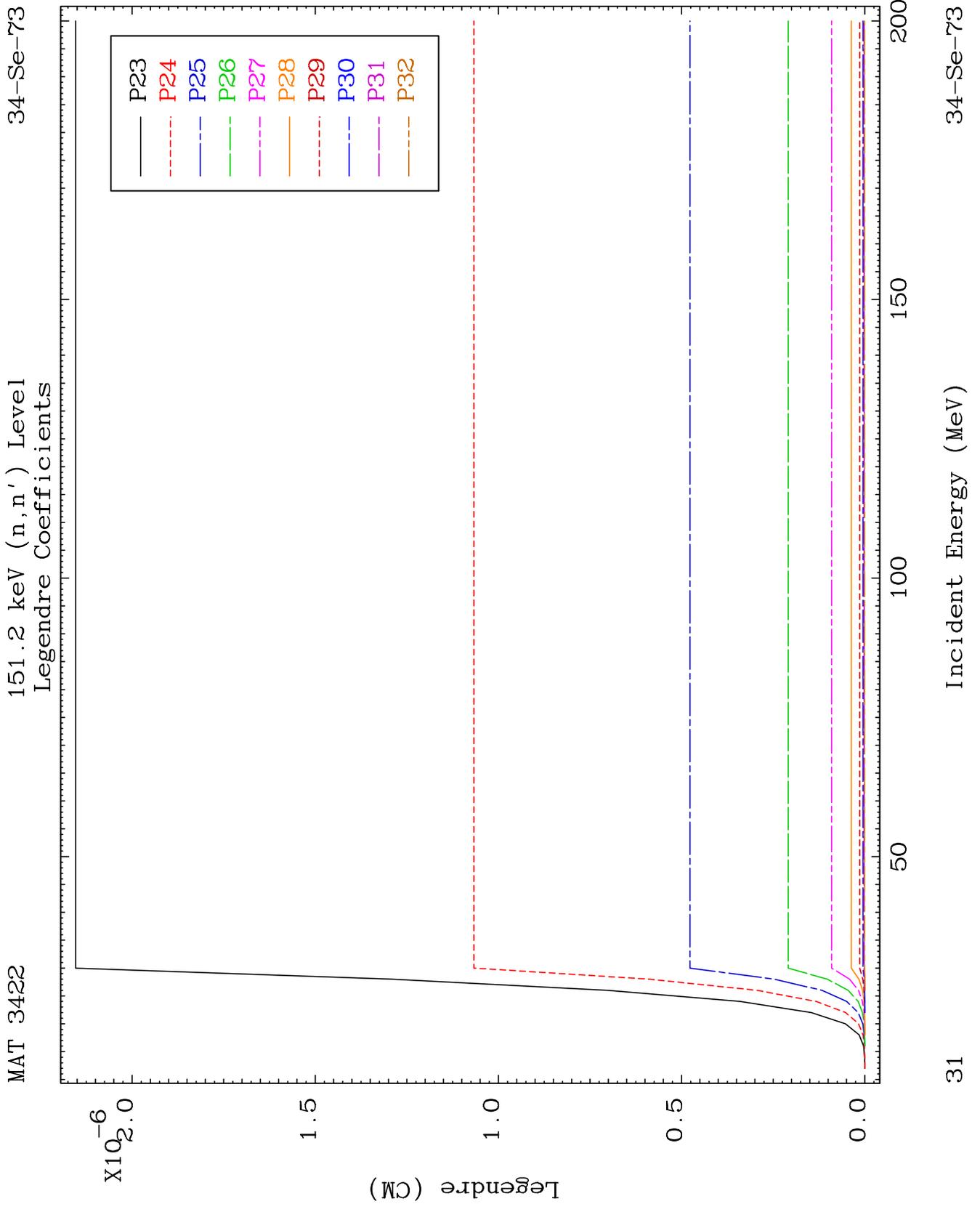
34-Se-73



30

Incident Energy (MeV)

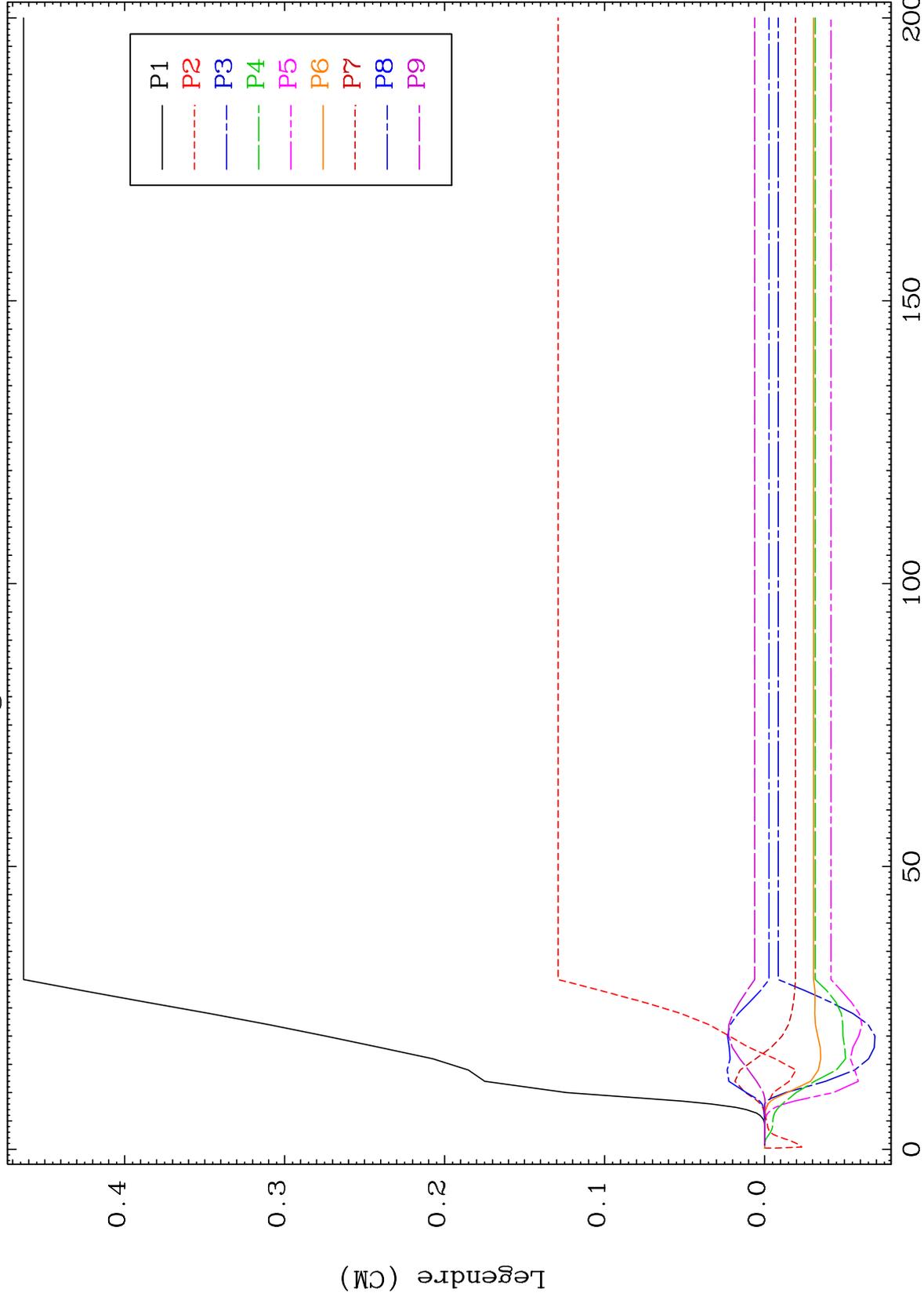
34-Se-73



MAT 3422

192.4 keV (n,n') Level
Legendre Coefficients

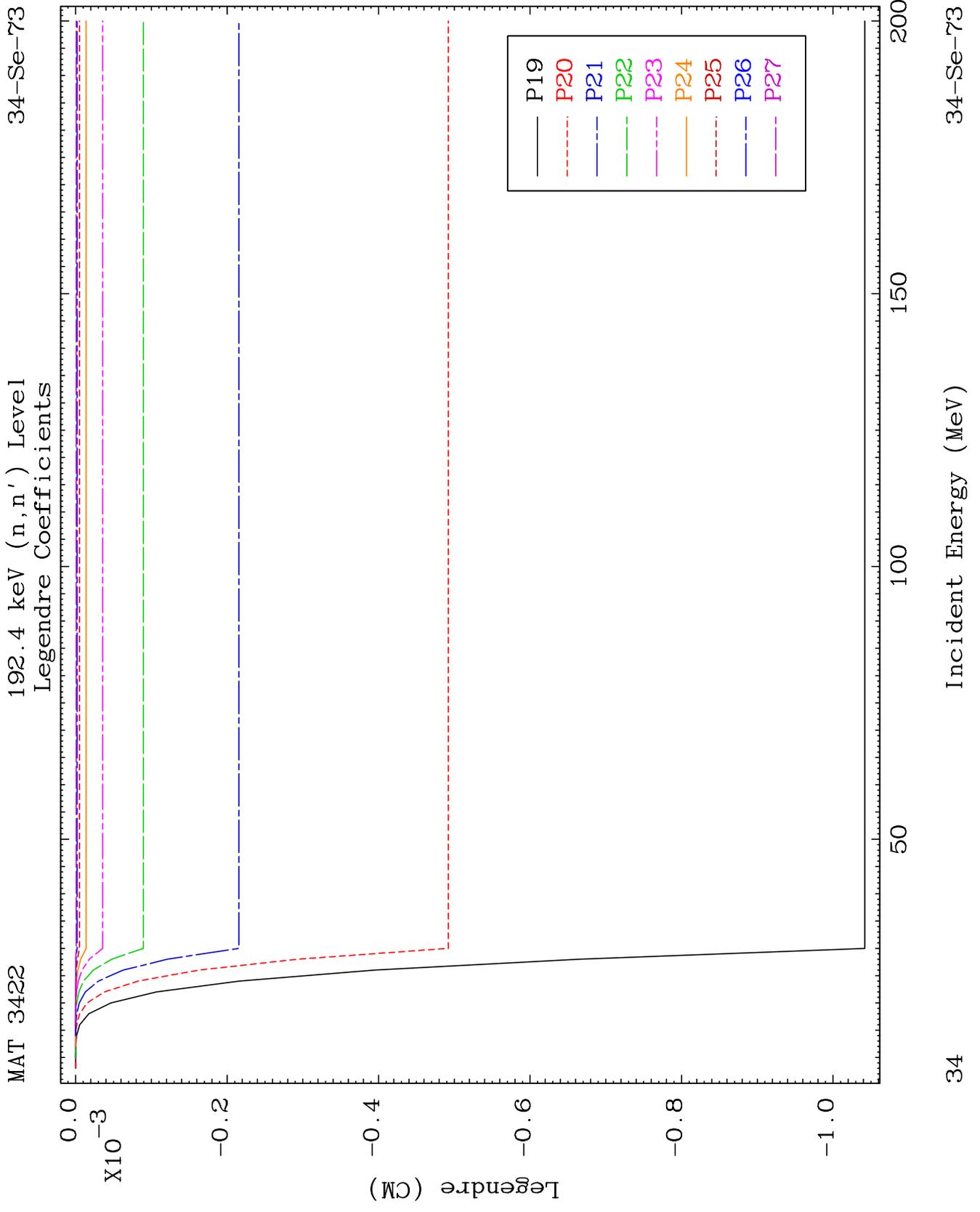
34-Se-73

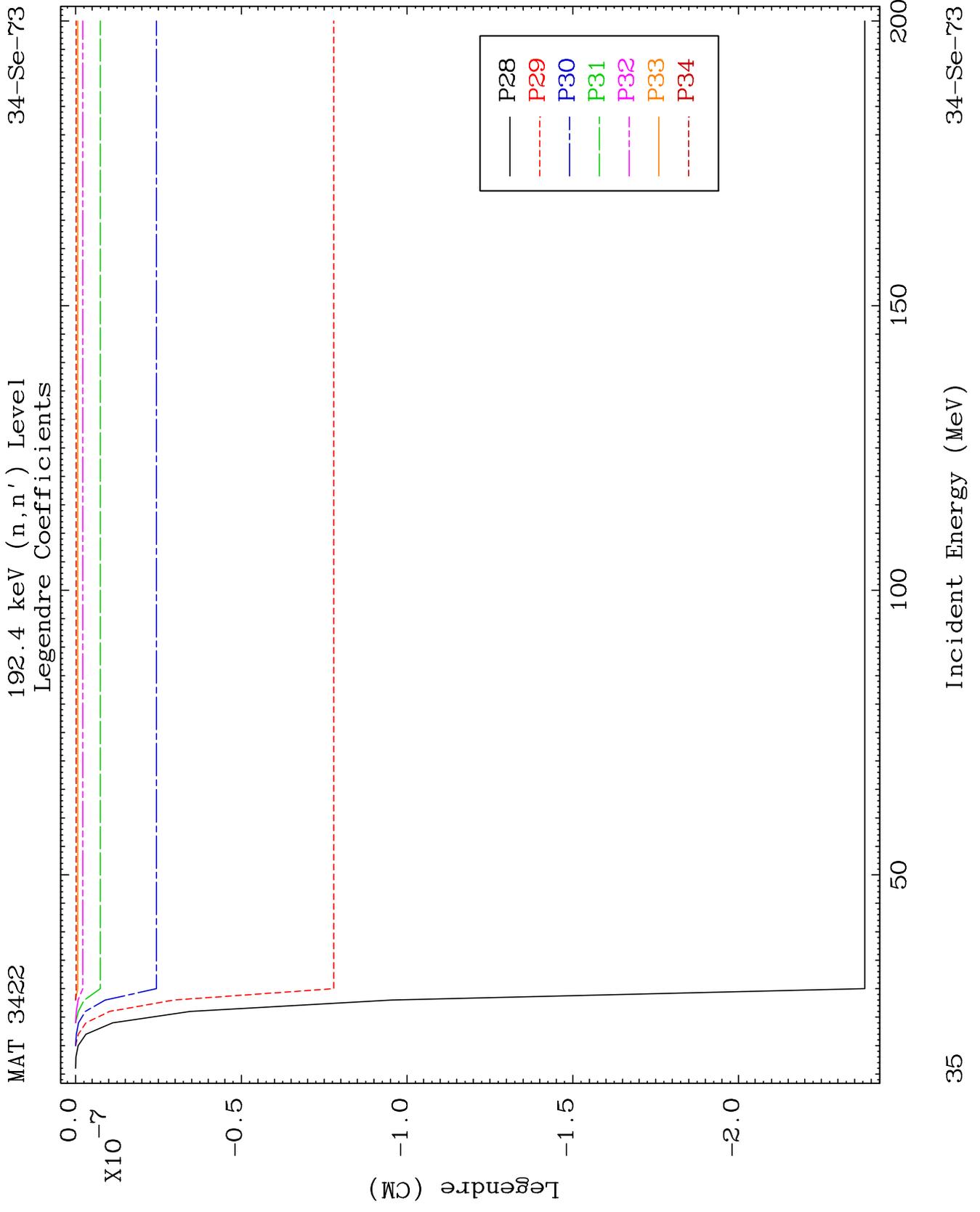


34-Se-73

Incident Energy (MeV)

32

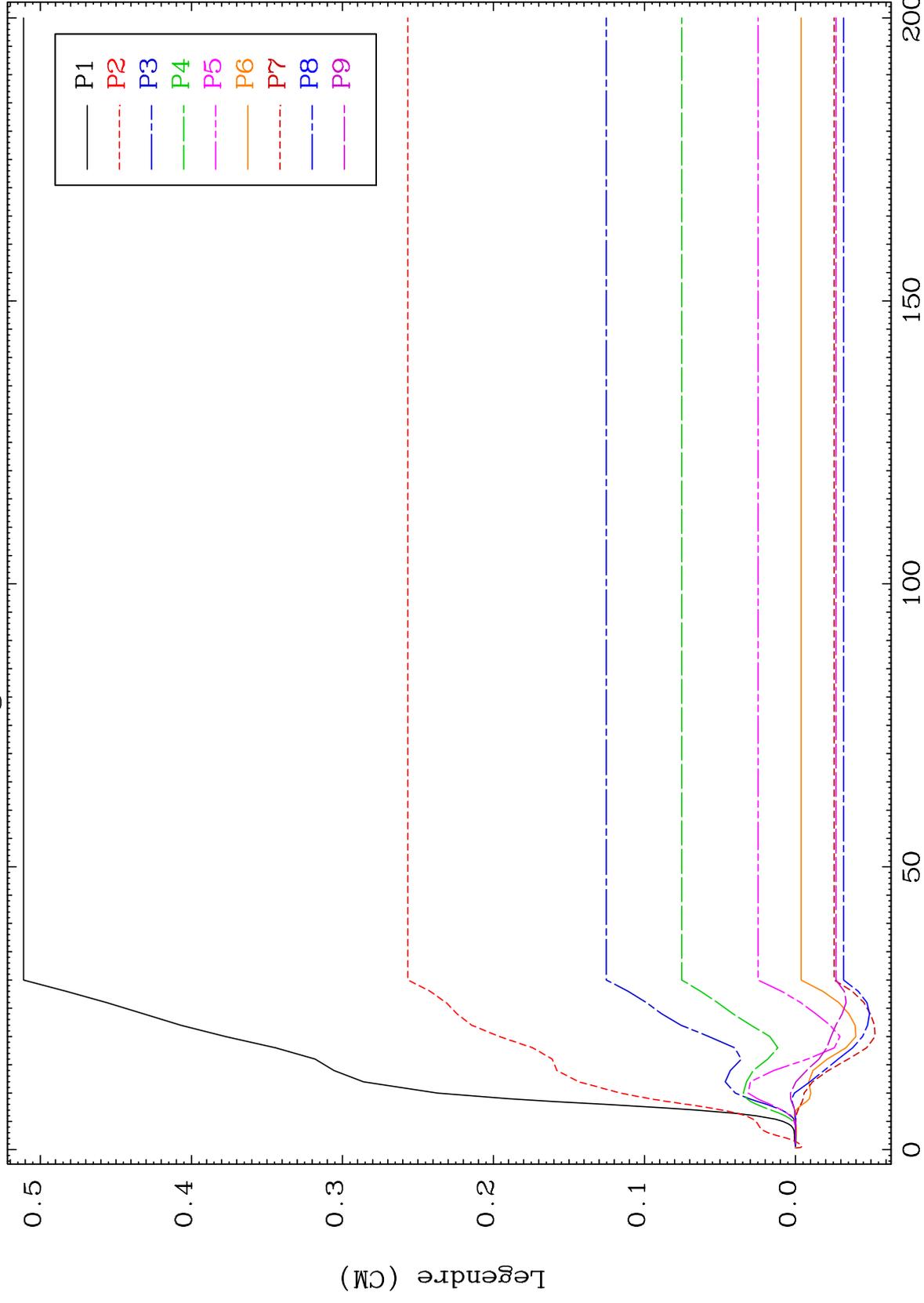




MAT 3422

295.4 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



36

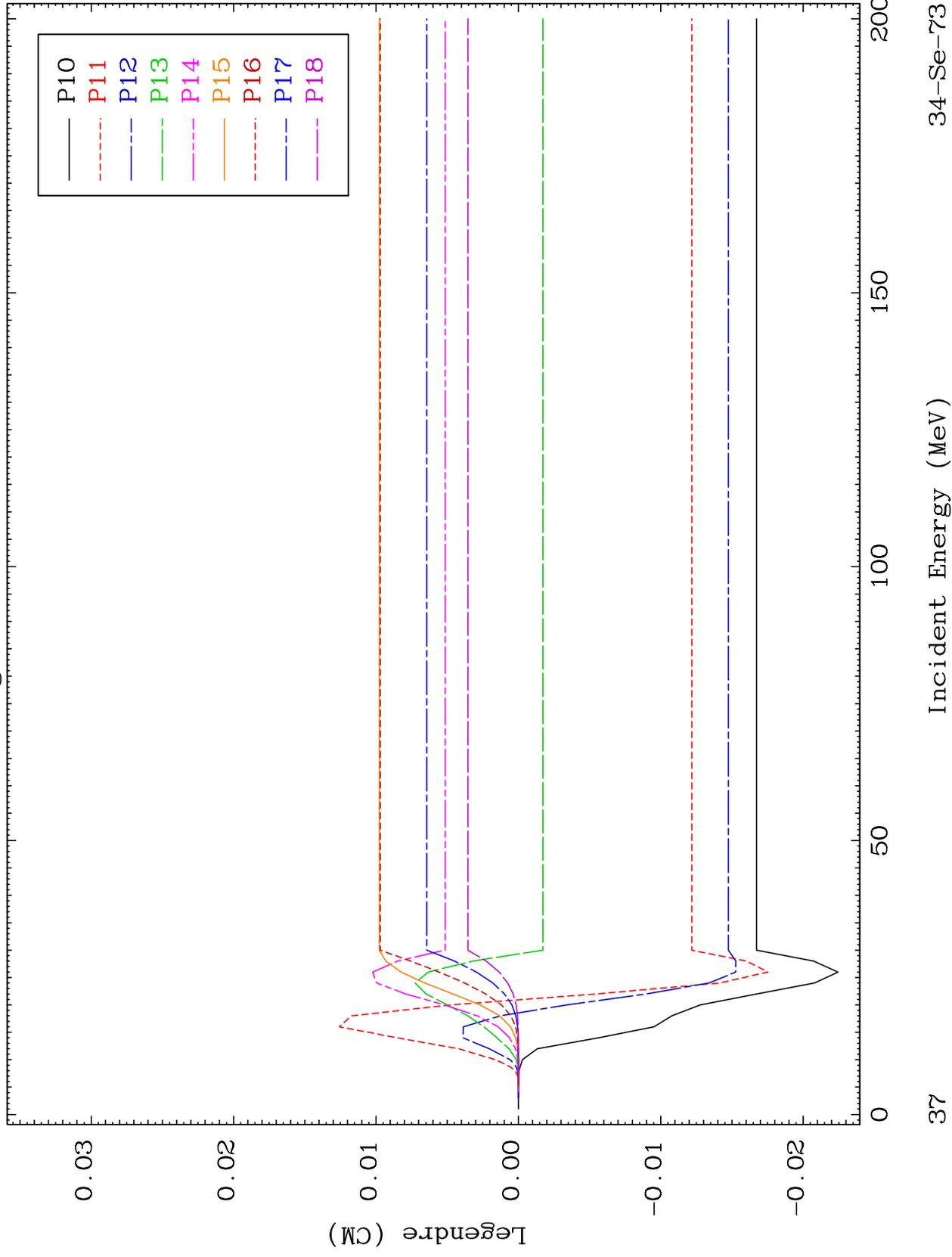
Incident Energy (MeV)

³⁴Se-73

MAT 3422

295.4 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



37

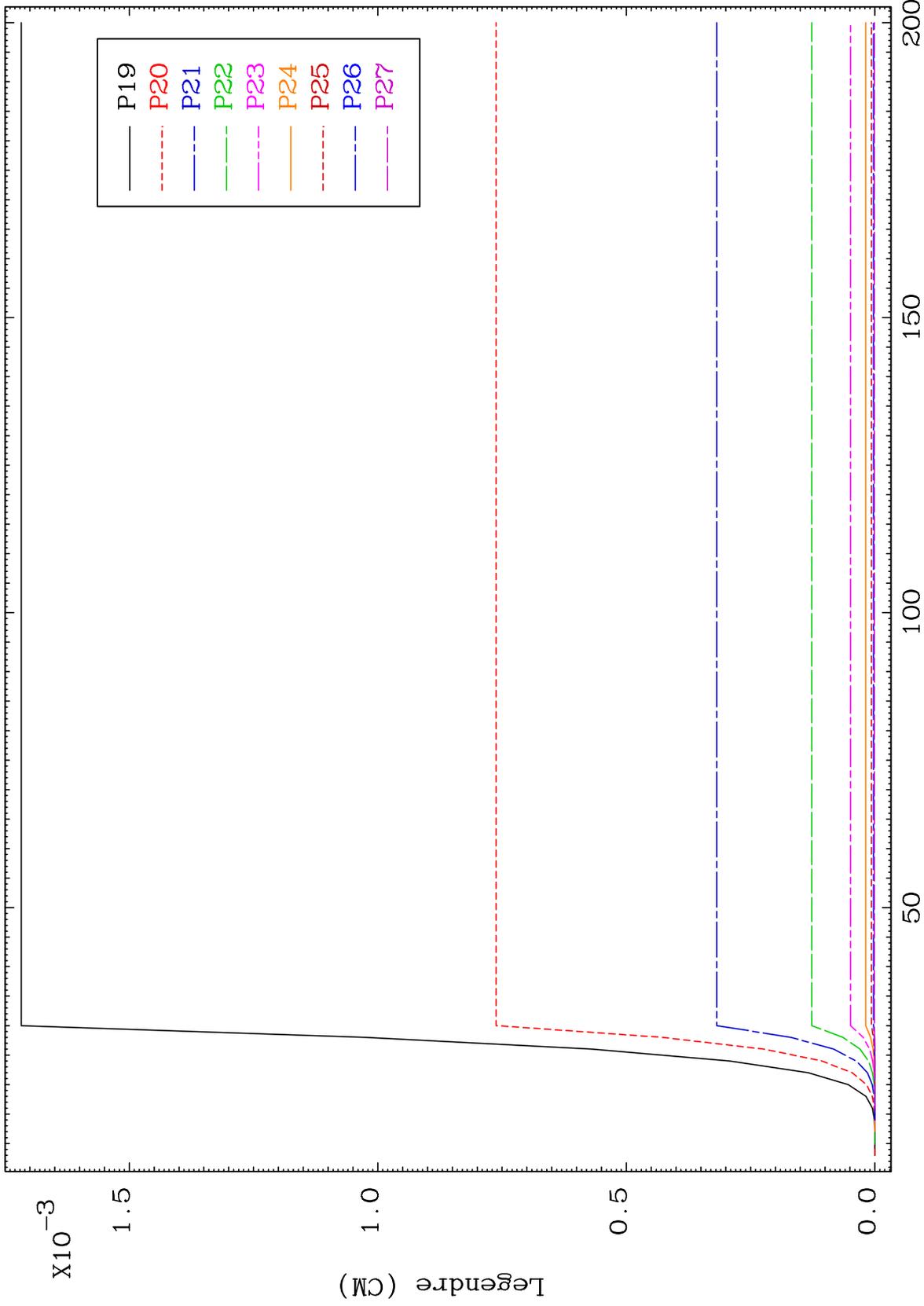
Incident Energy (MeV)

³⁴Se-73

MAT 3422

295.4 keV (n,n') Level
Legendre Coefficients

34-Se-73



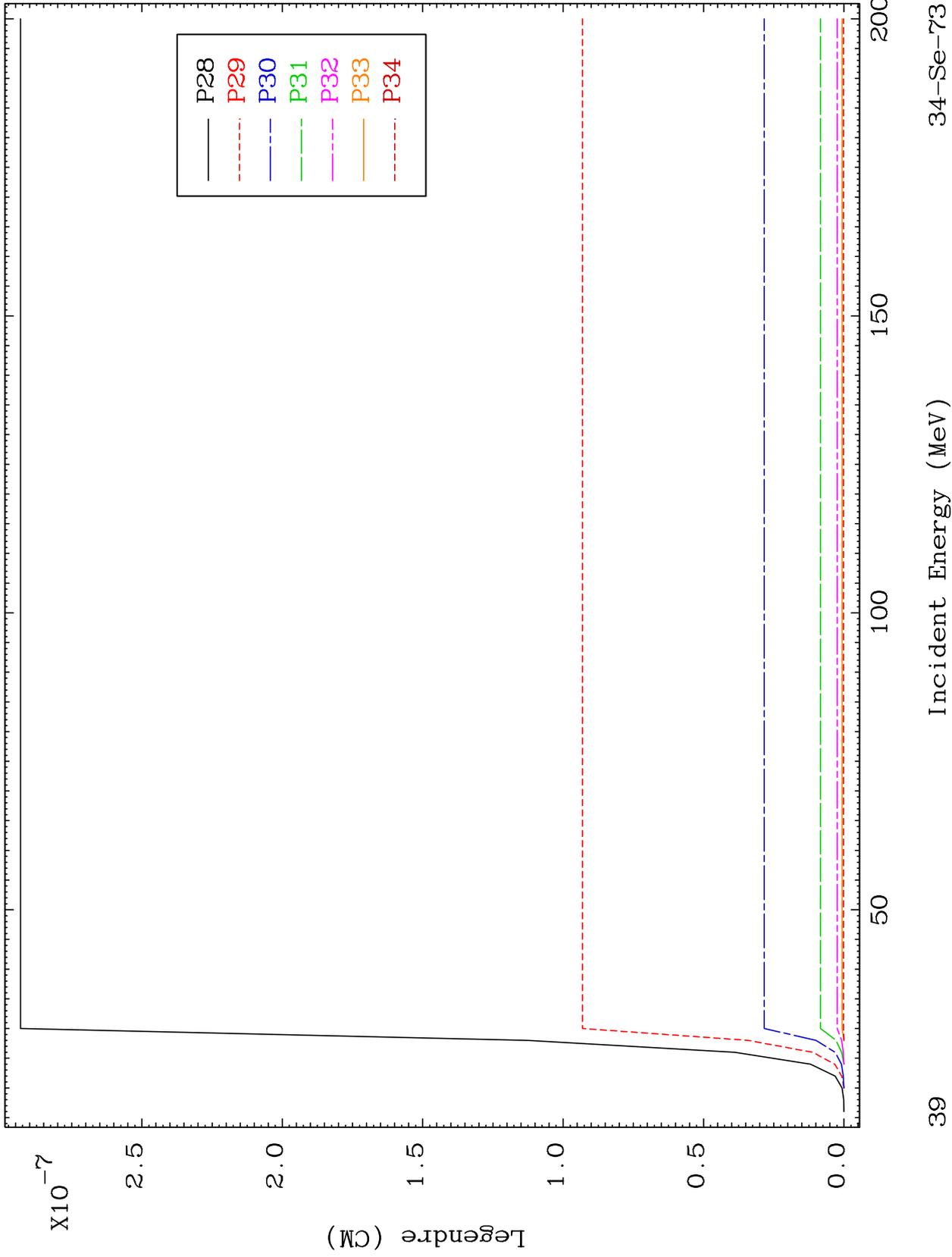
38

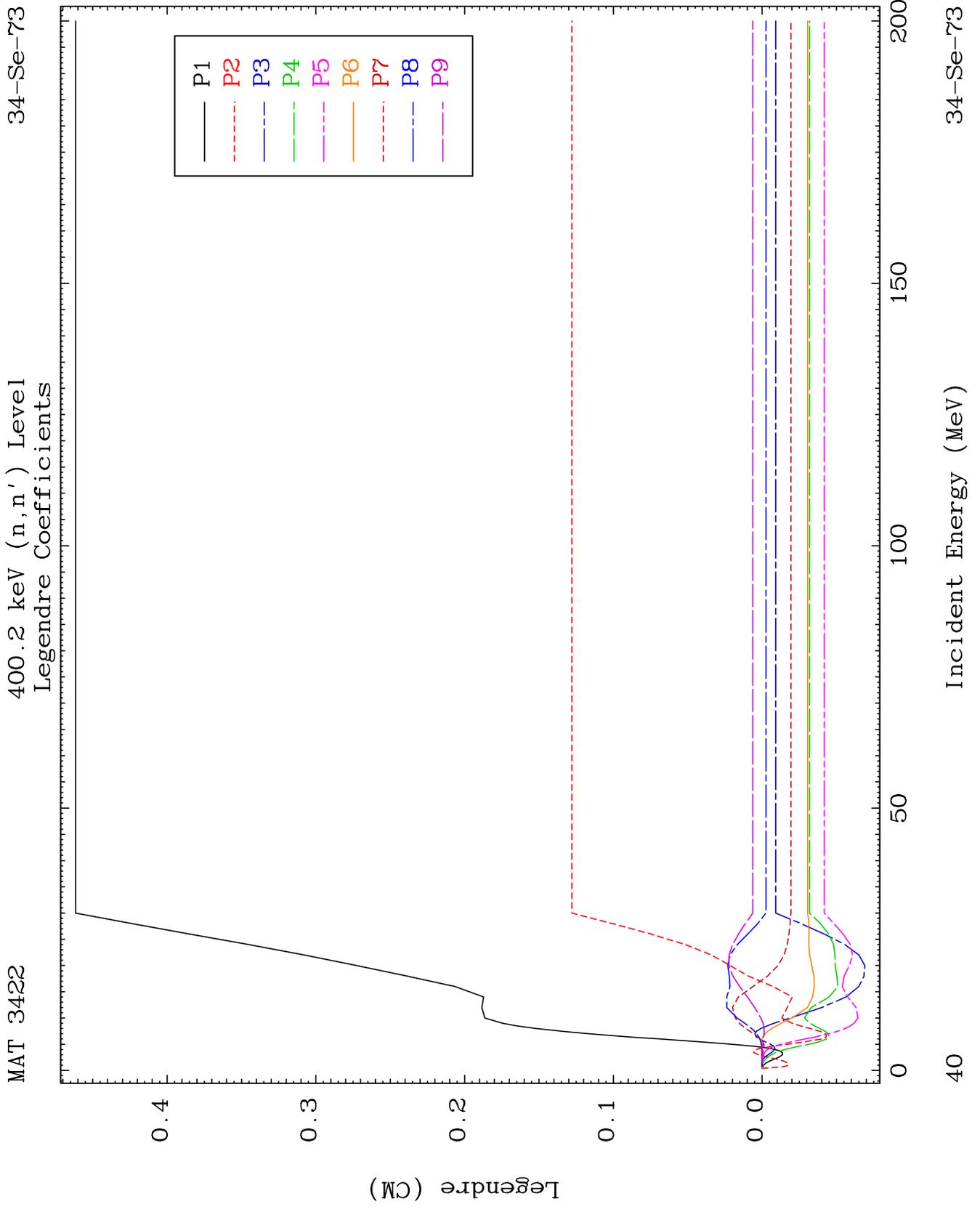
34-Se-73

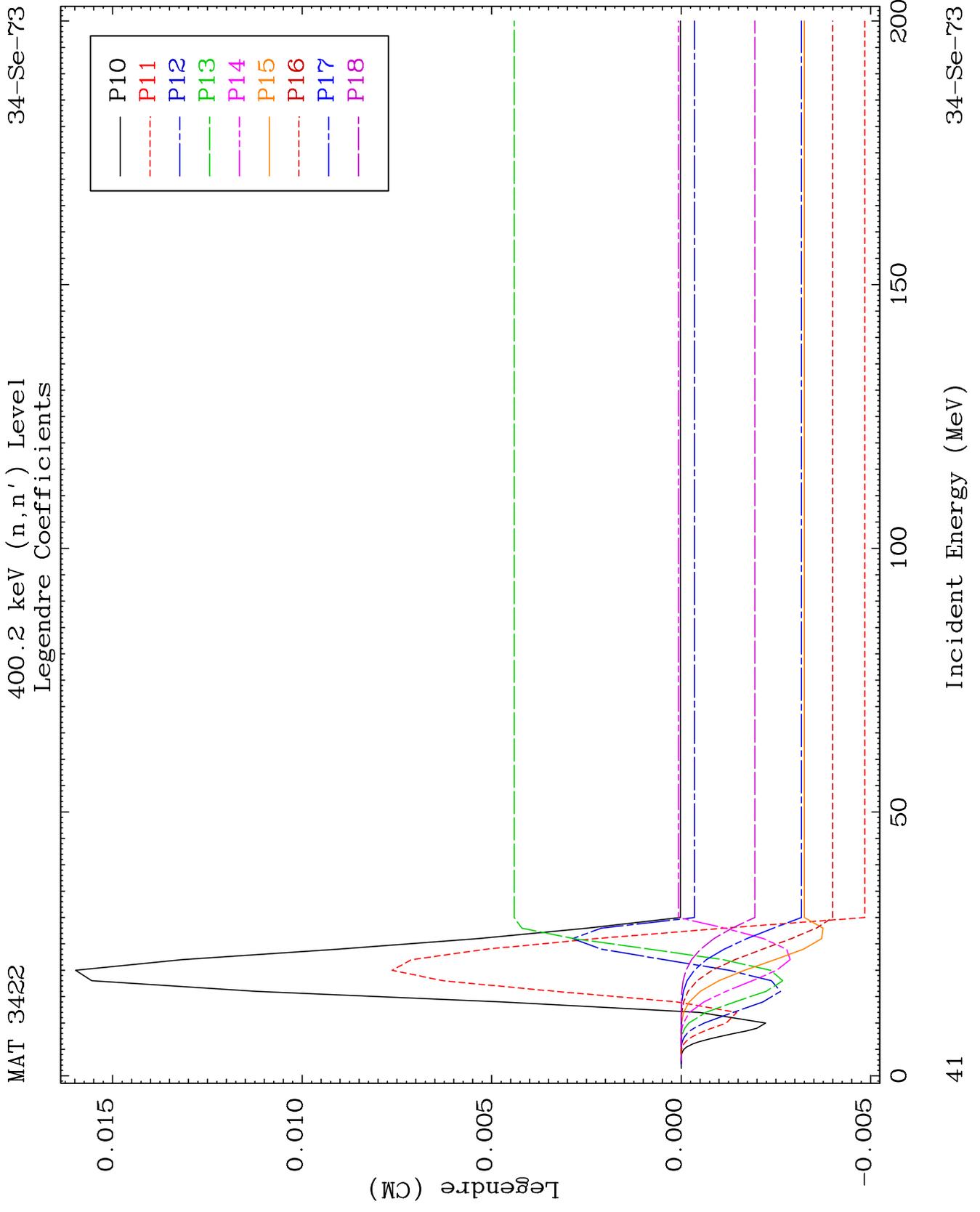
MAT 3422

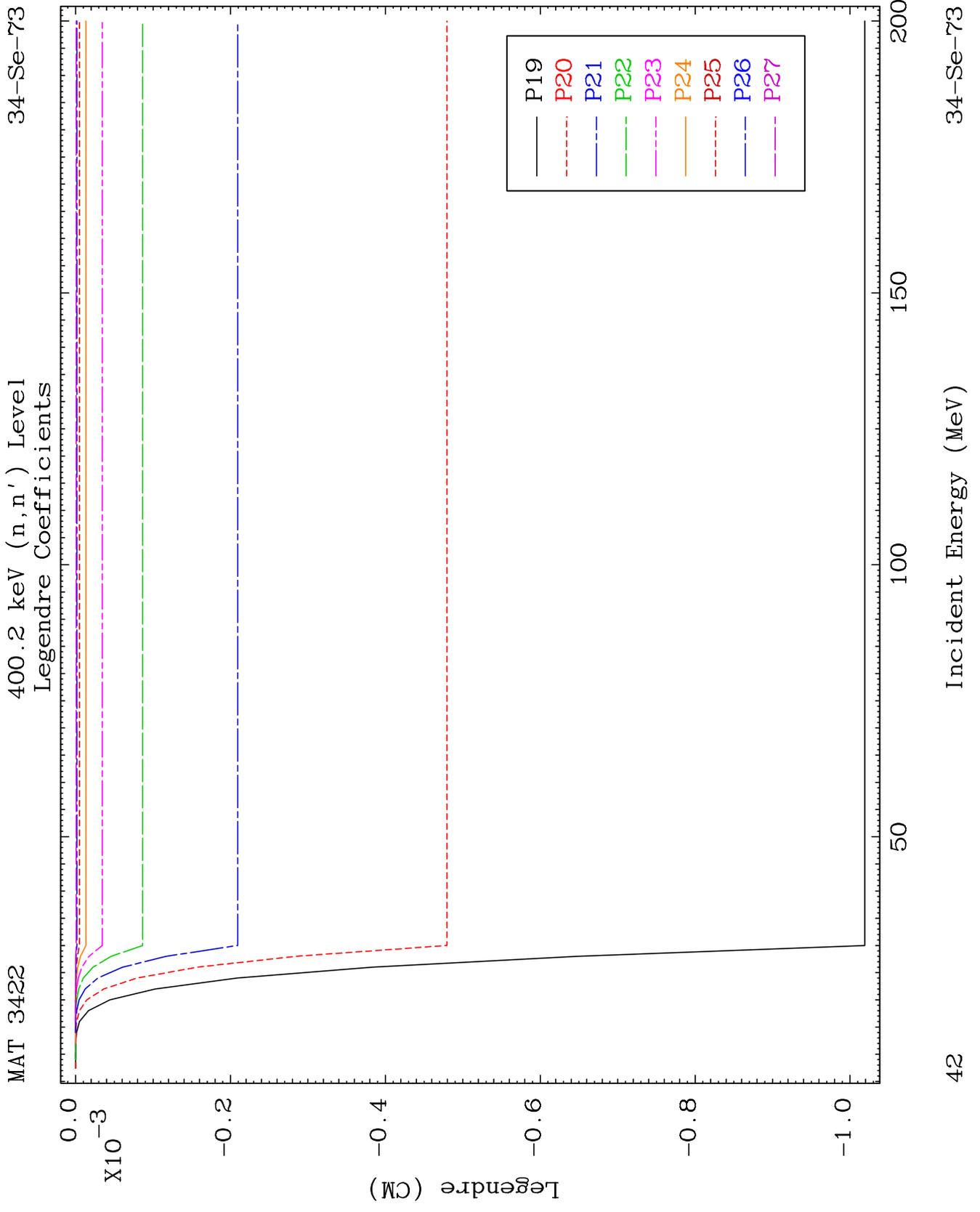
295.4 keV (n,n') Level
Legendre Coefficients

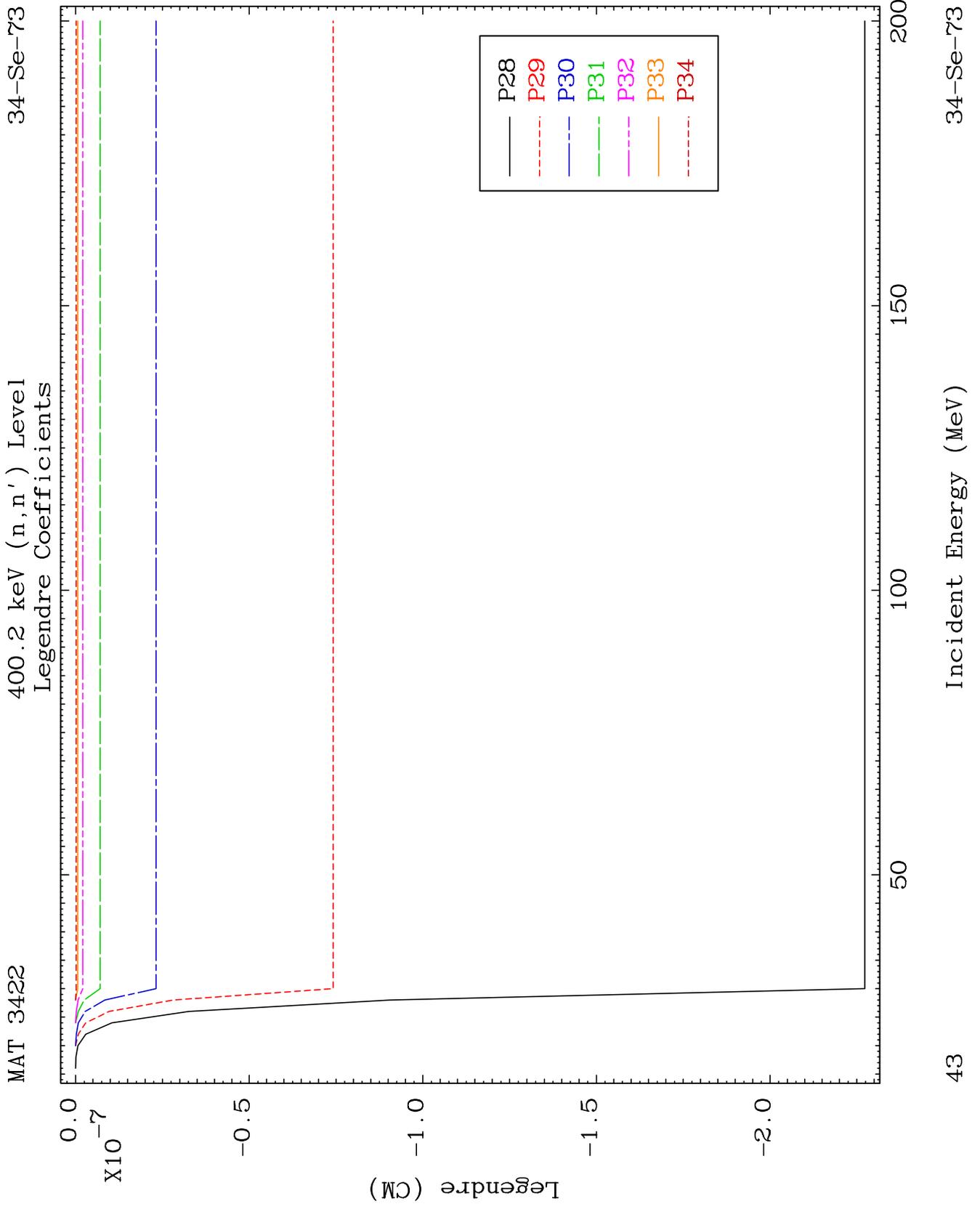
³⁴Se-73







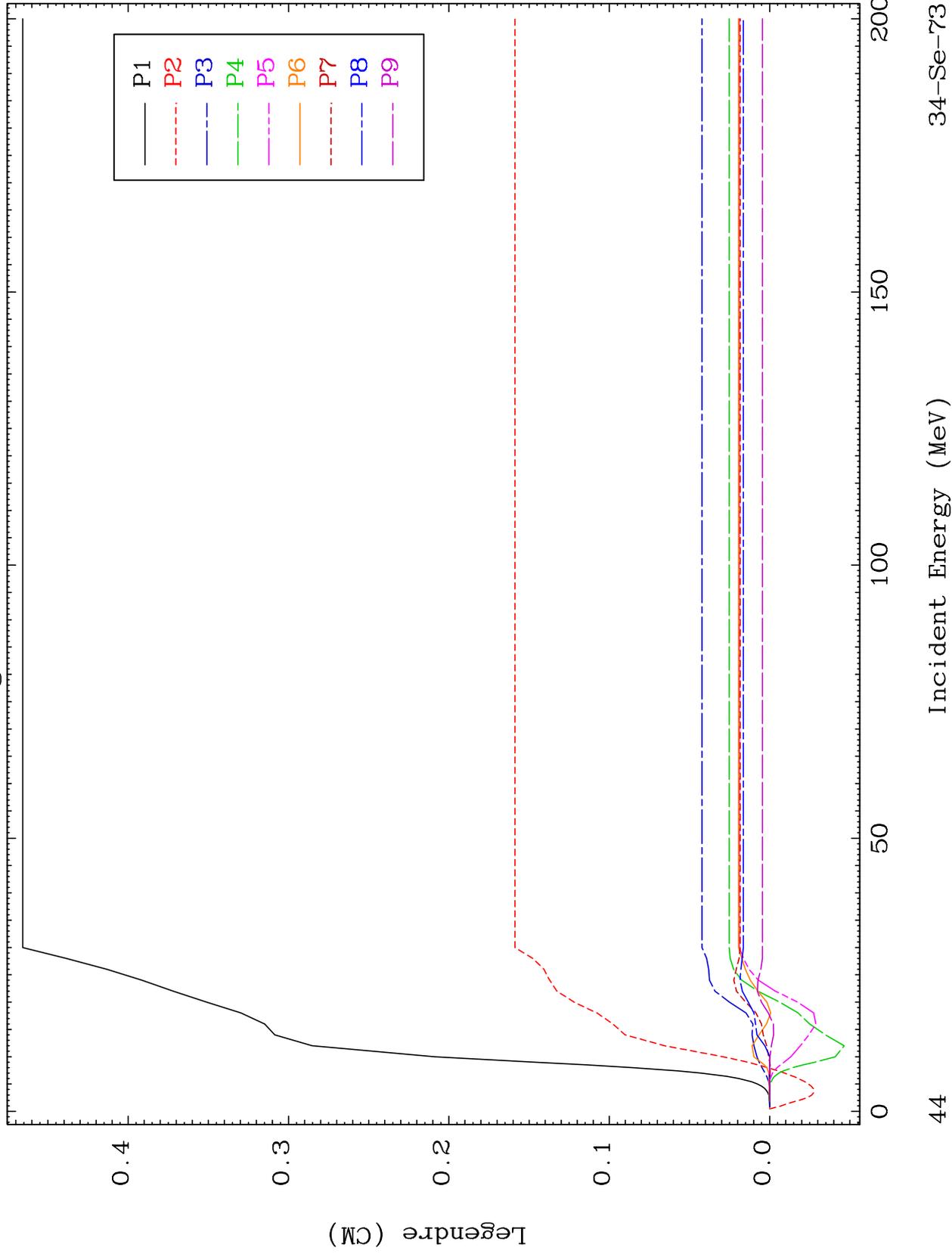




MAT 3422

426.5 keV (n,n') Level
Legendre Coefficients

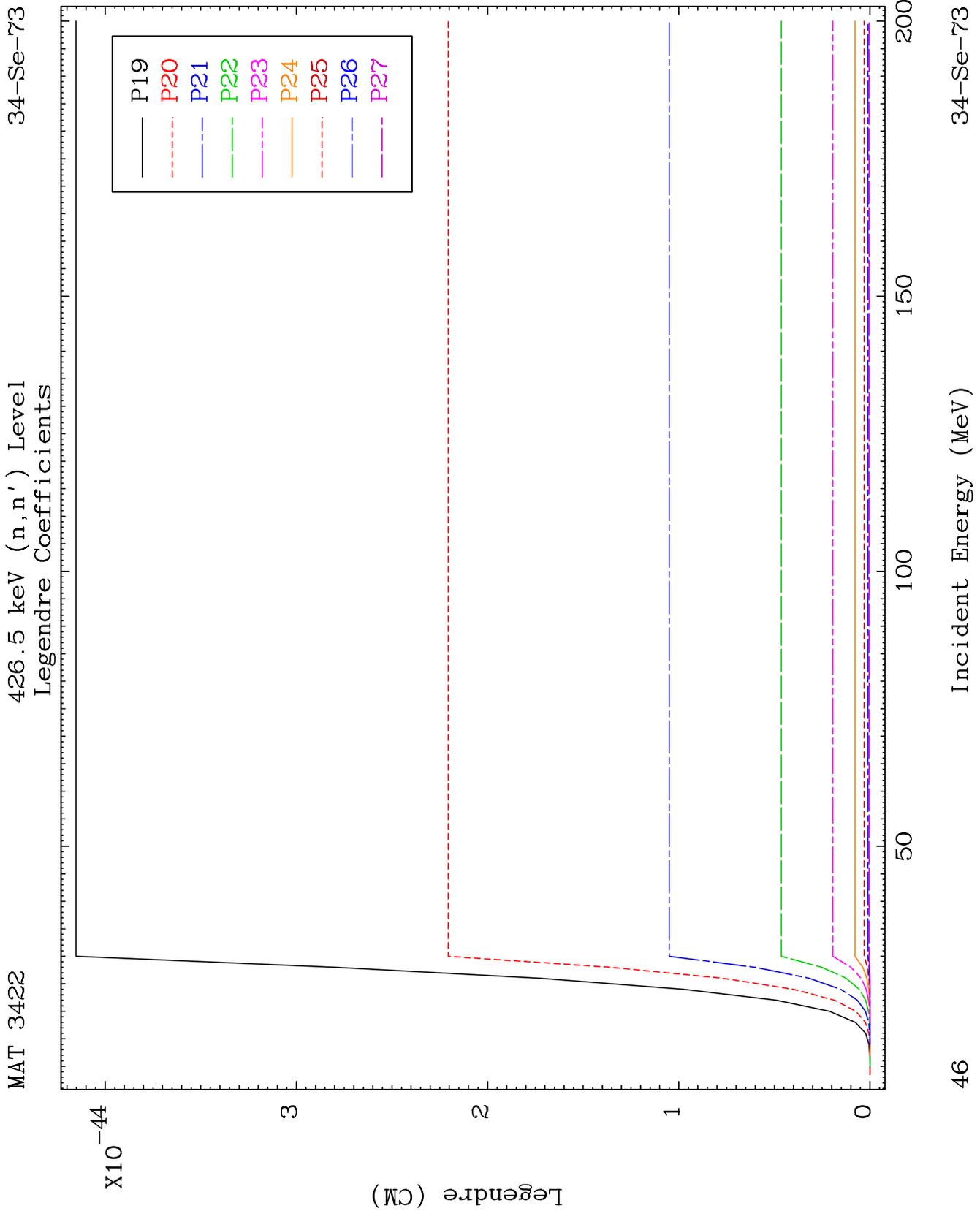
³⁴Se-73

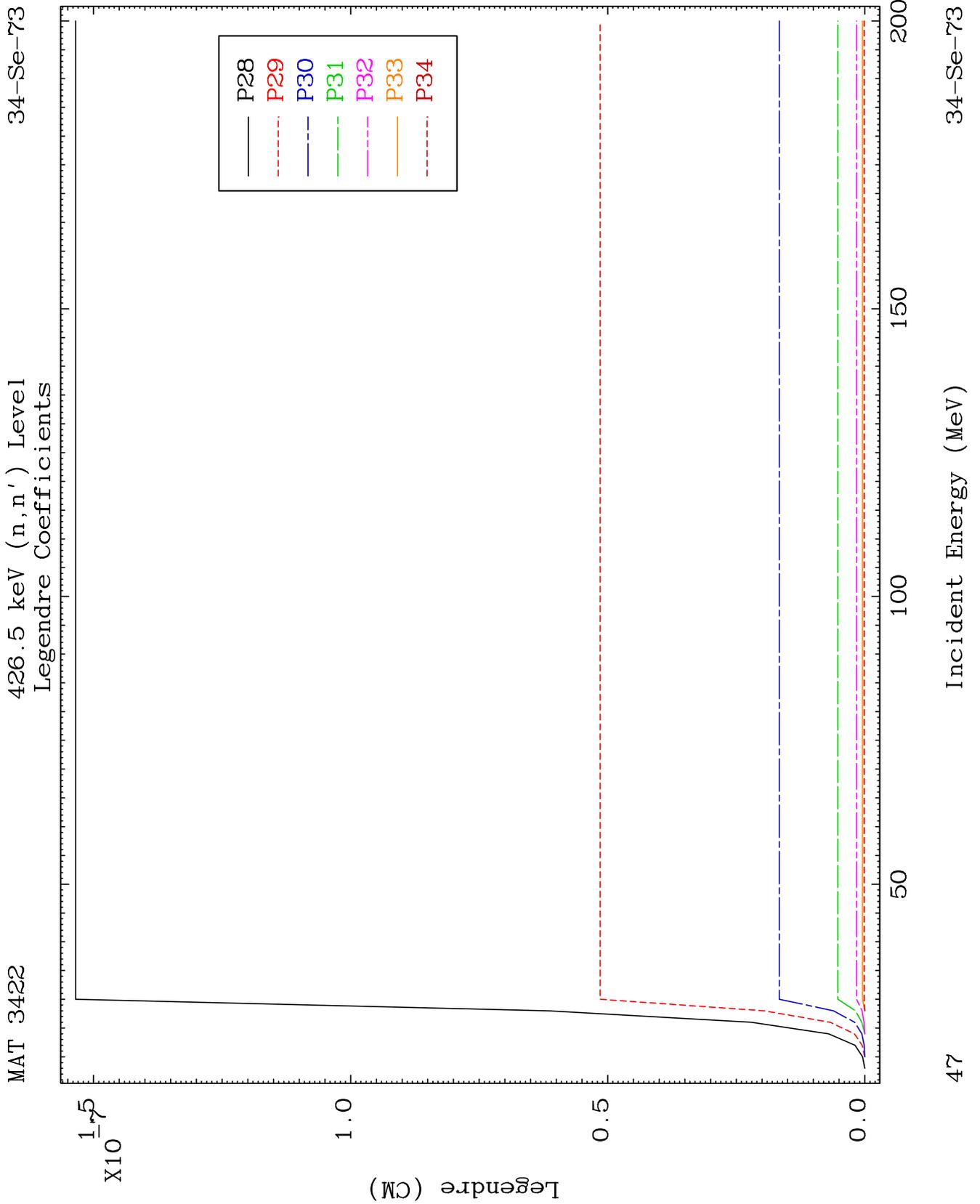


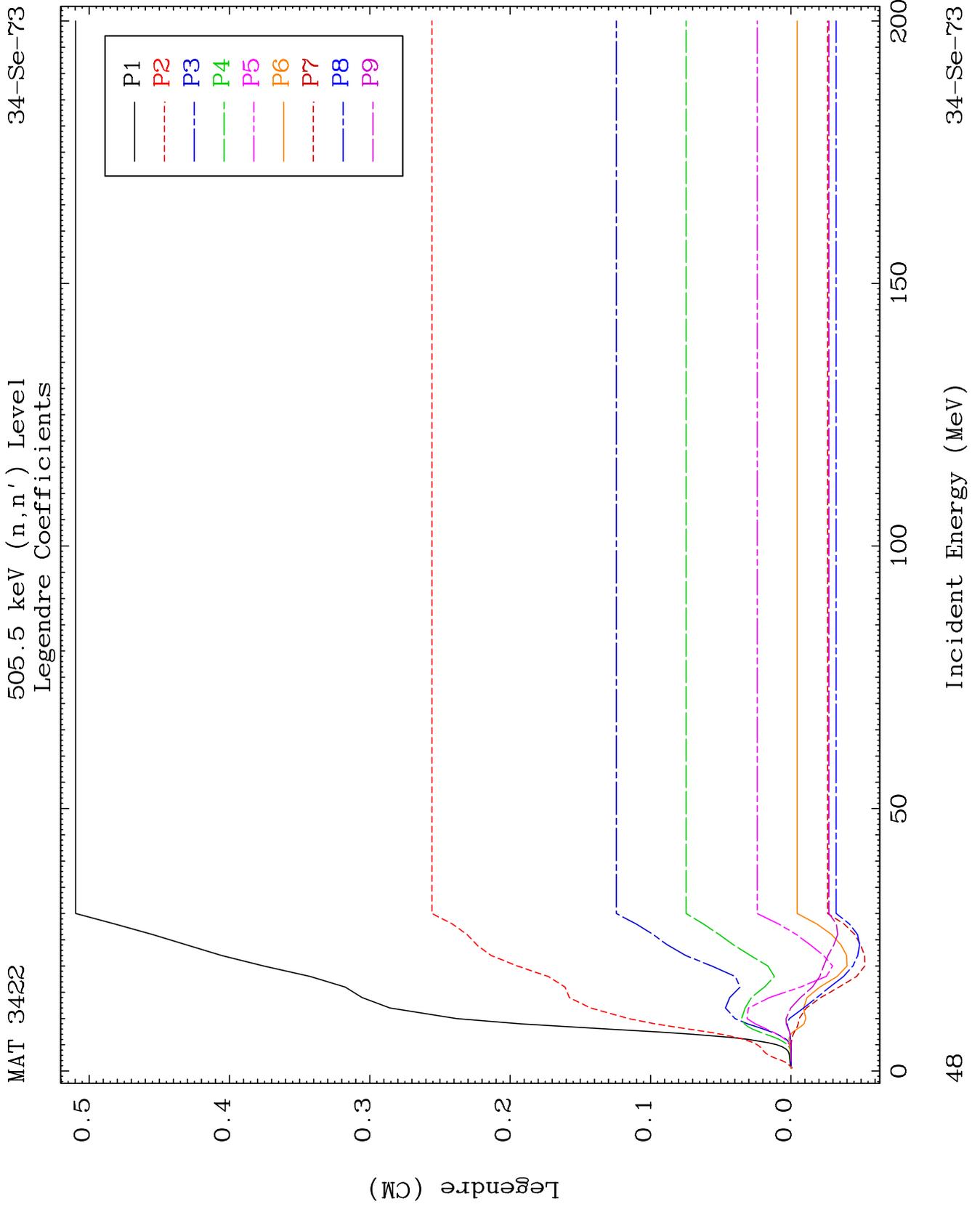
³⁴Se-73

Incident Energy (MeV)

44



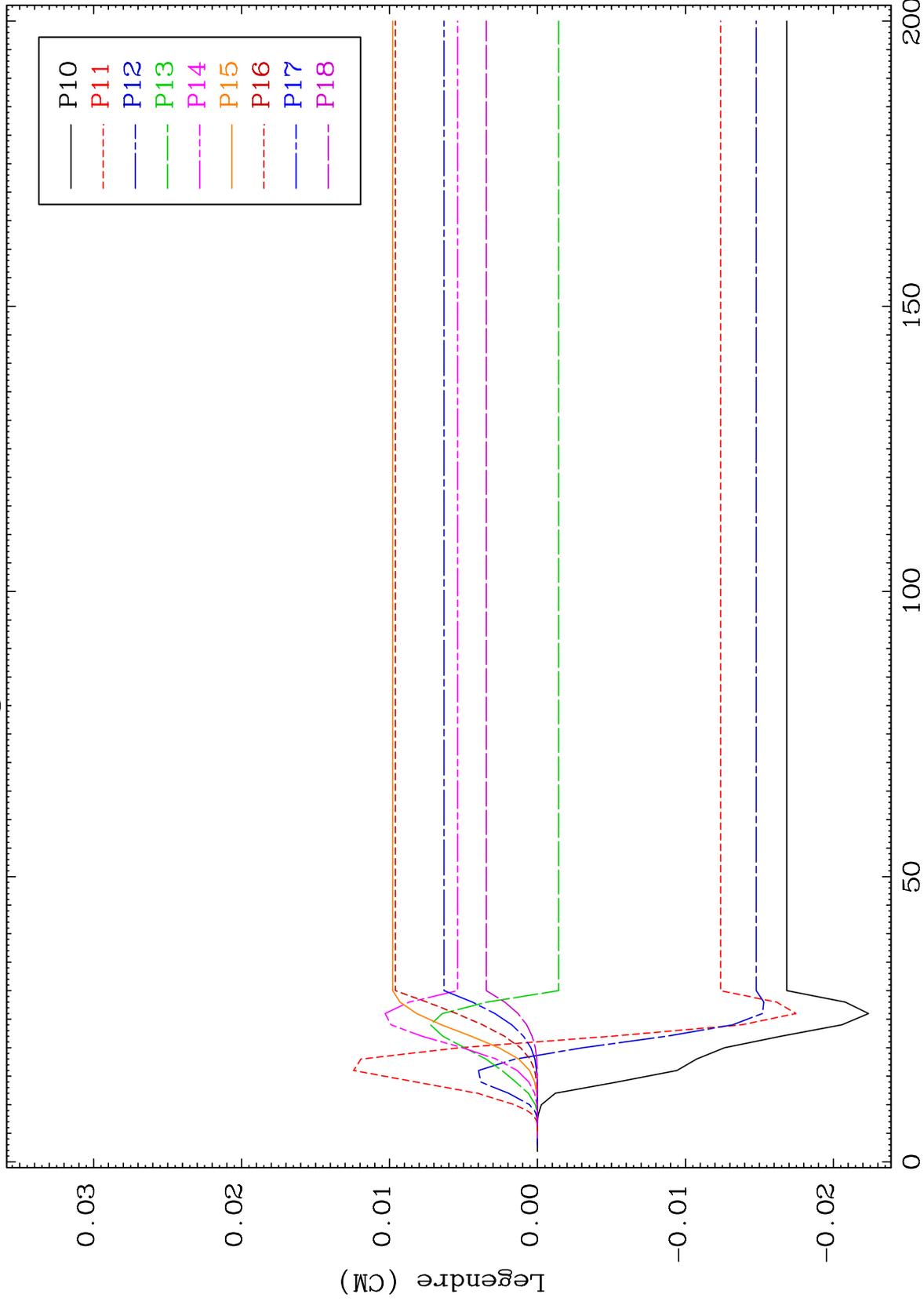




MAT 3422

505.5 keV (n,n') Level
Legendre Coefficients

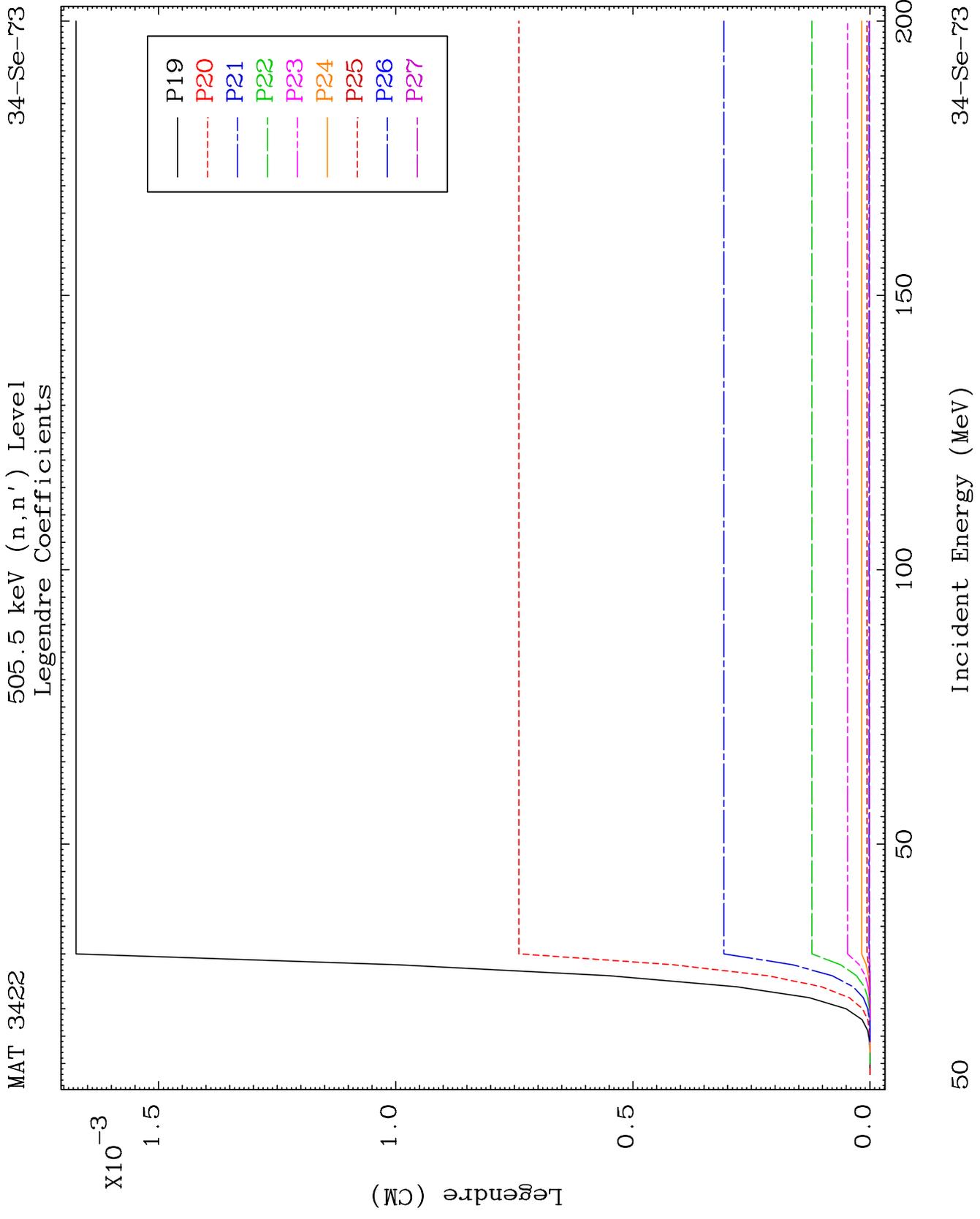
³⁴Se-73

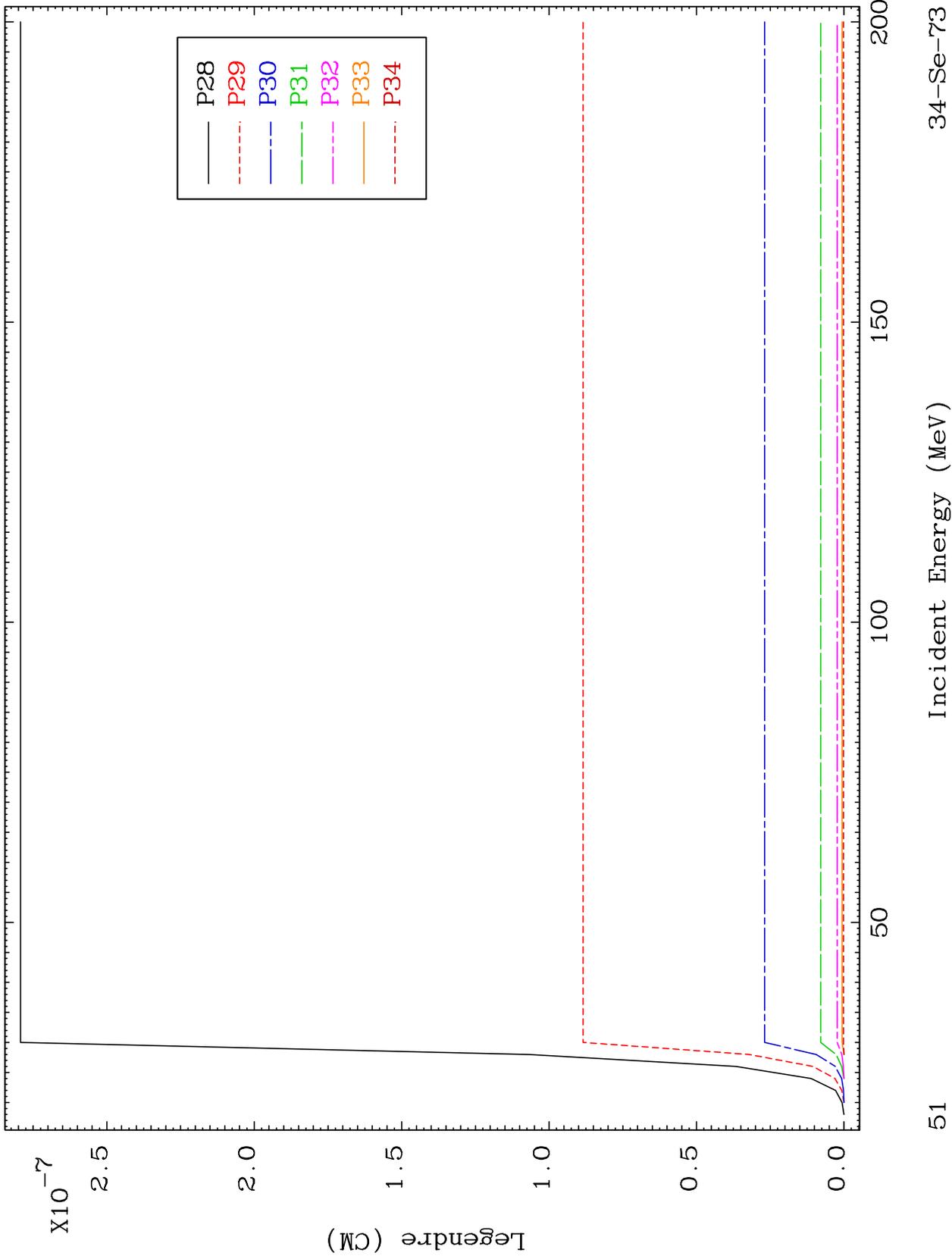


49

Incident Energy (MeV)

³⁴Se-73

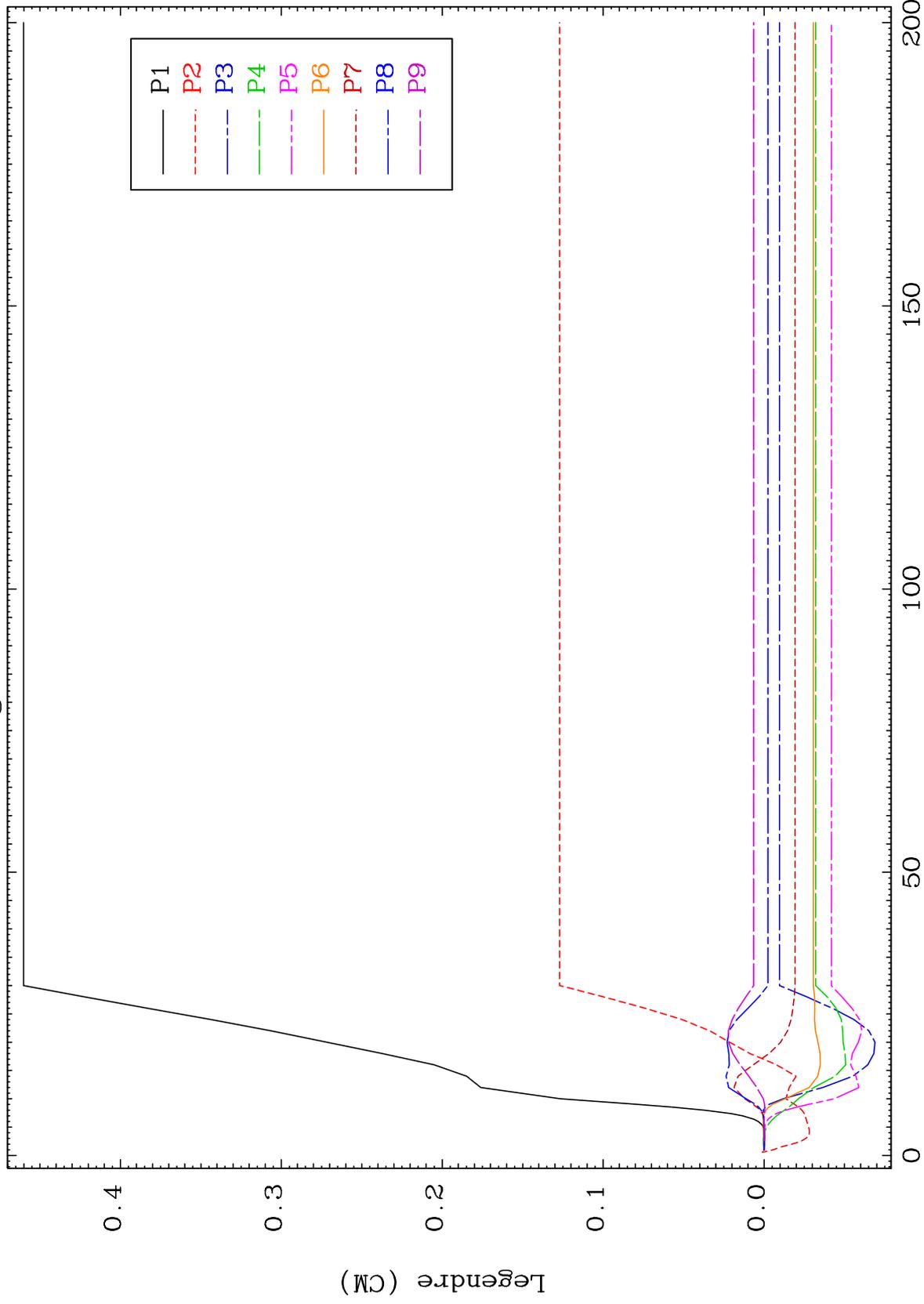




MAT 3422

565.7 keV (n,n') Level
Legendre Coefficients

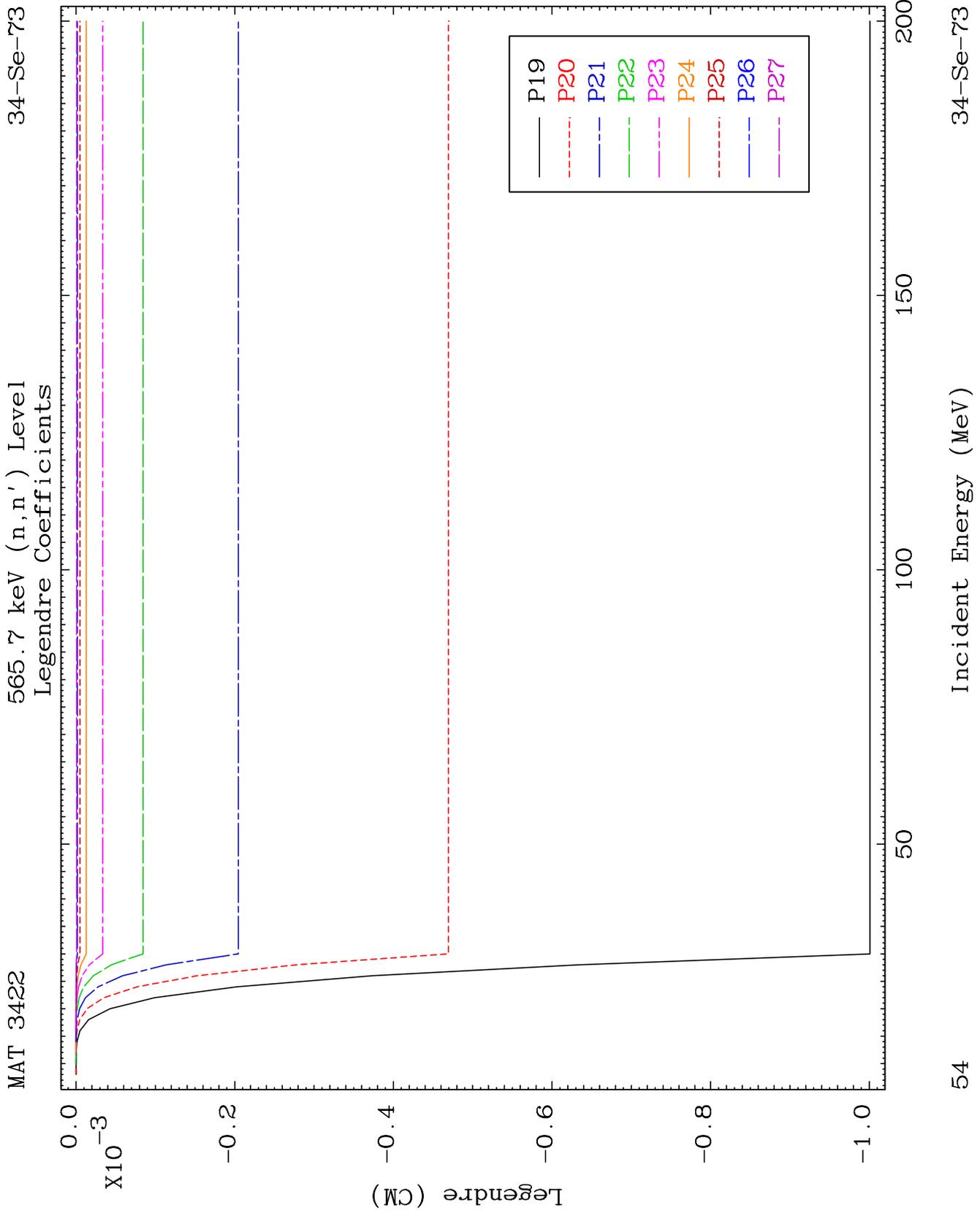
³⁴Se-73

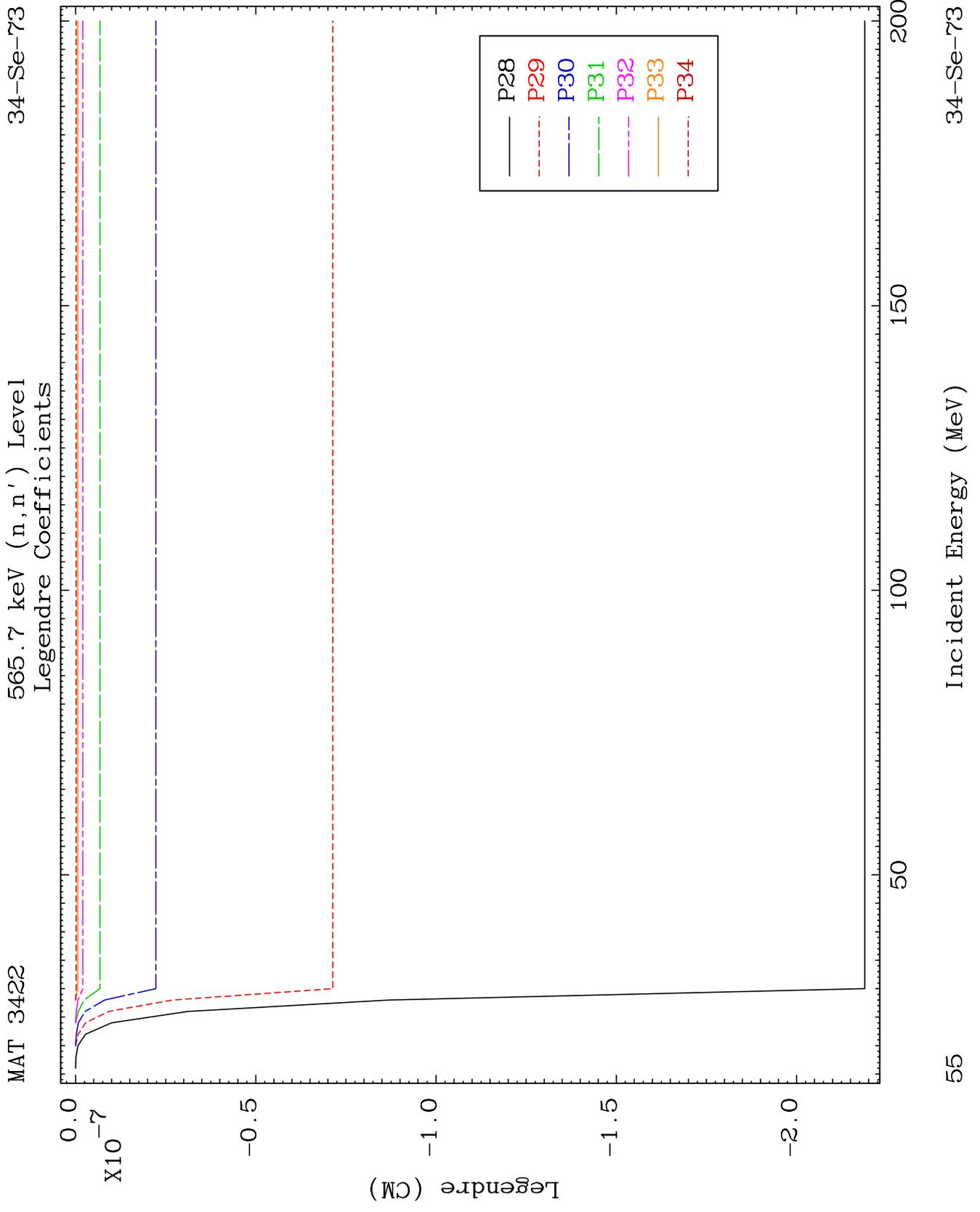


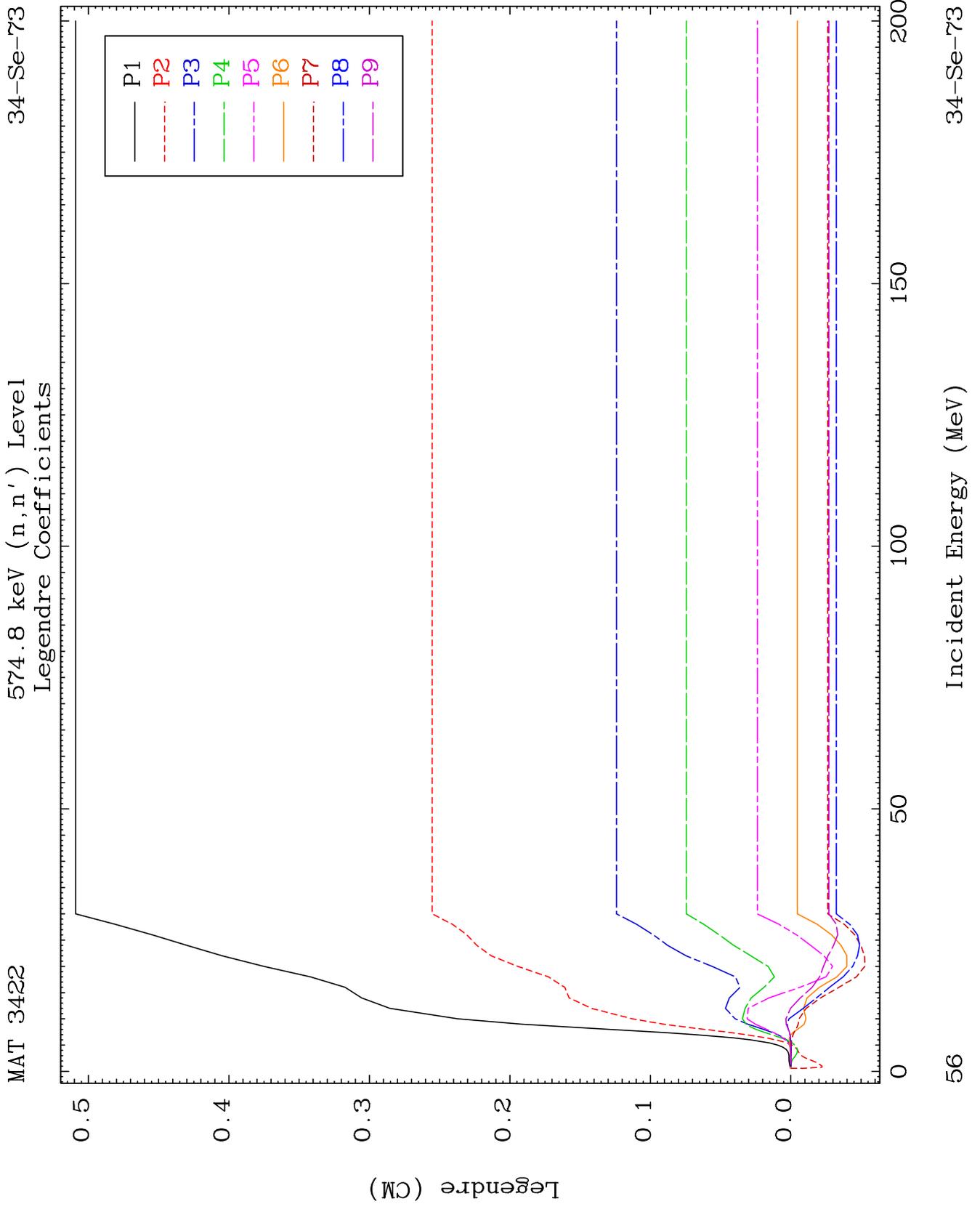
52

Incident Energy (MeV)

³⁴Se-73



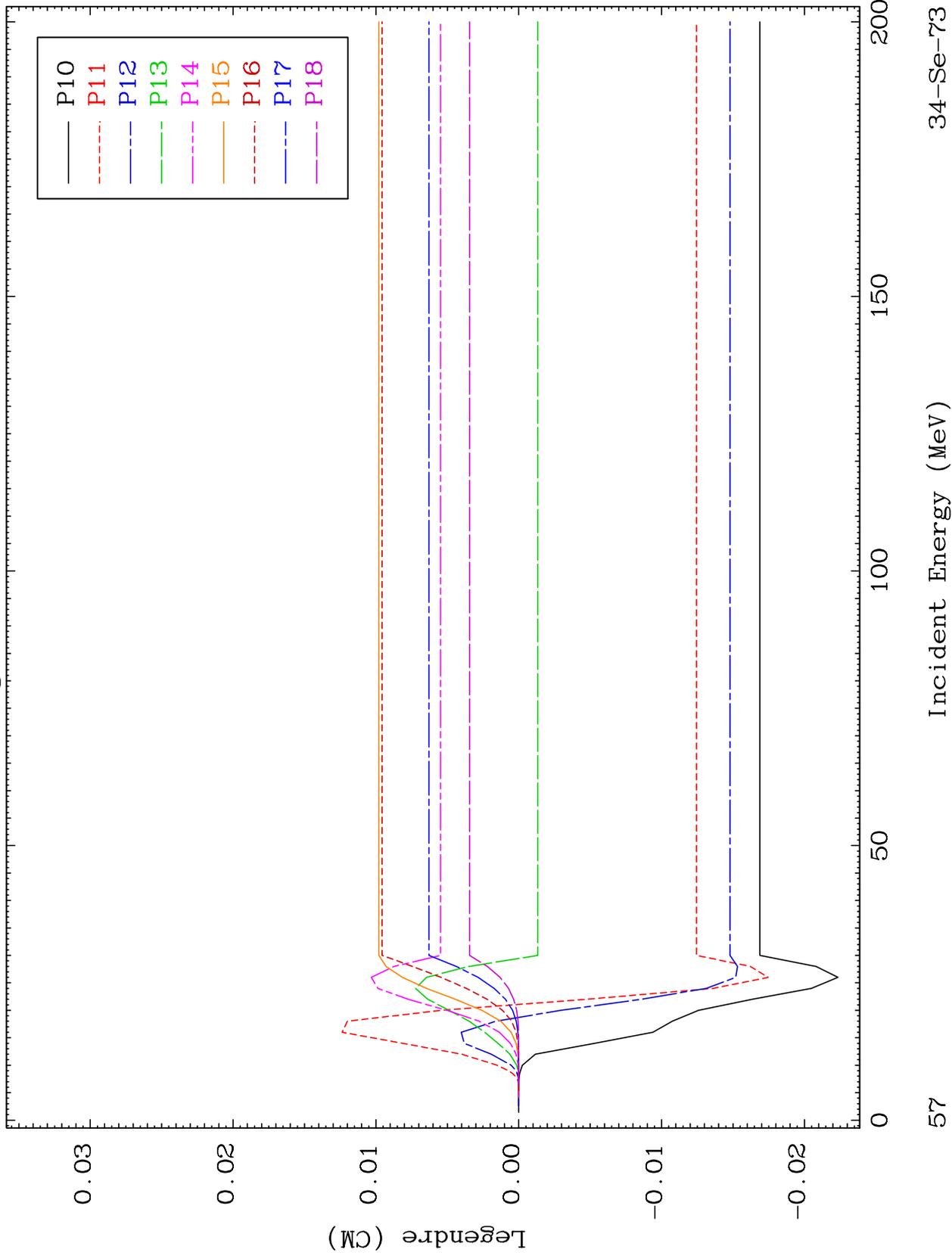




MAT 3422

574.8 keV (n,n') Level
Legendre Coefficients

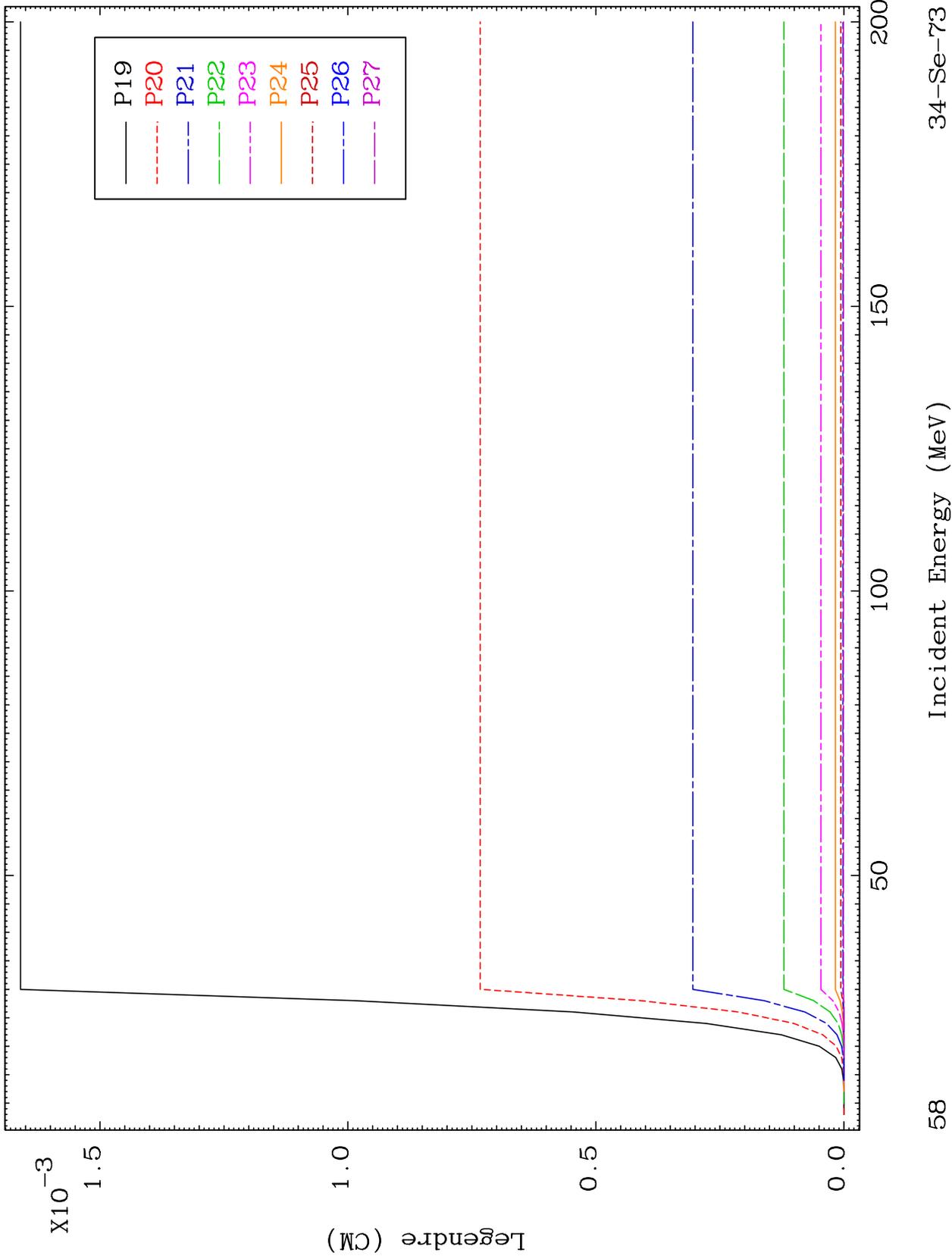
34-Se-73



57

Incident Energy (MeV)

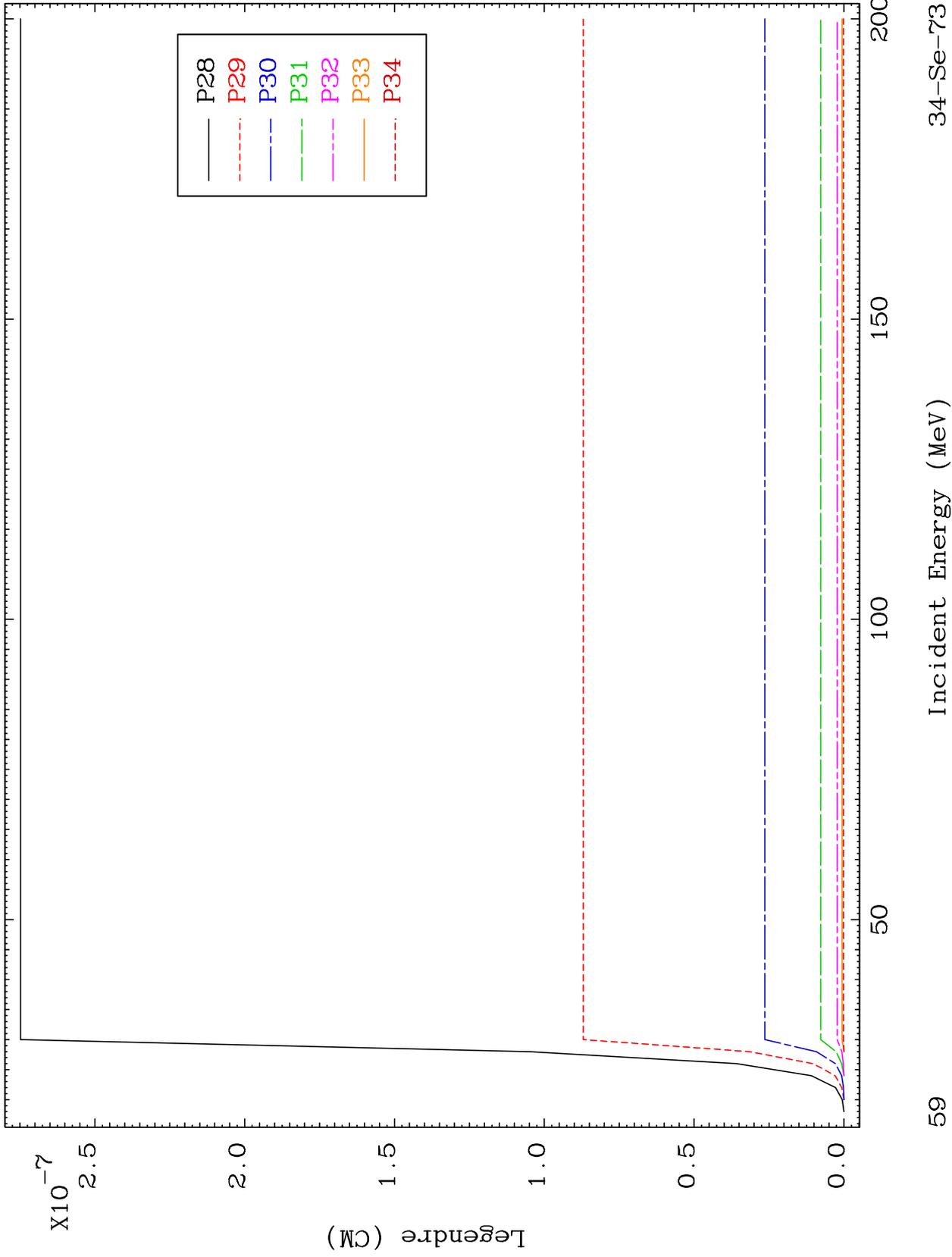
34-Se-73



MAT 3422

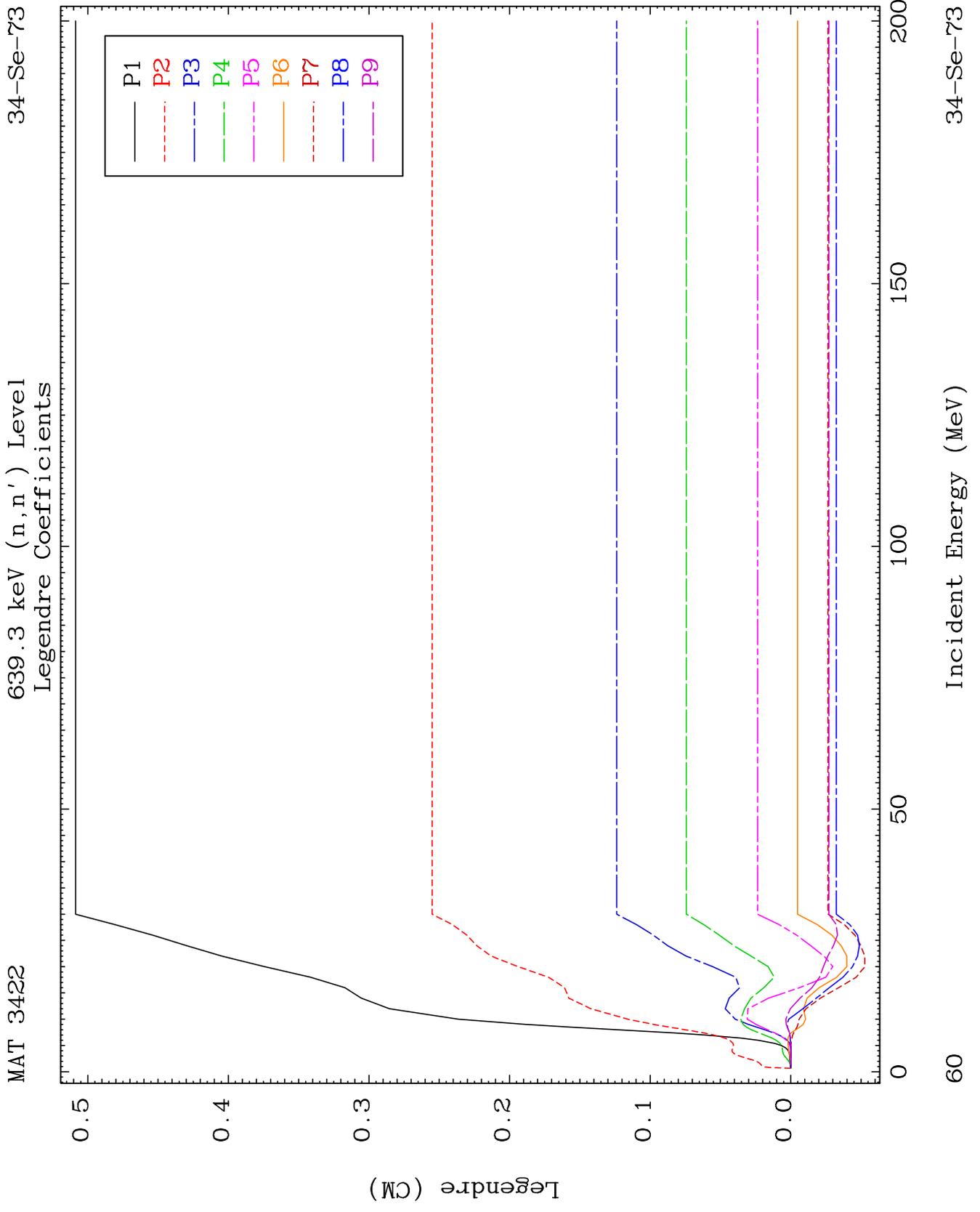
574.8 keV (n,n') Level
Legendre Coefficients

34-Se-73



59

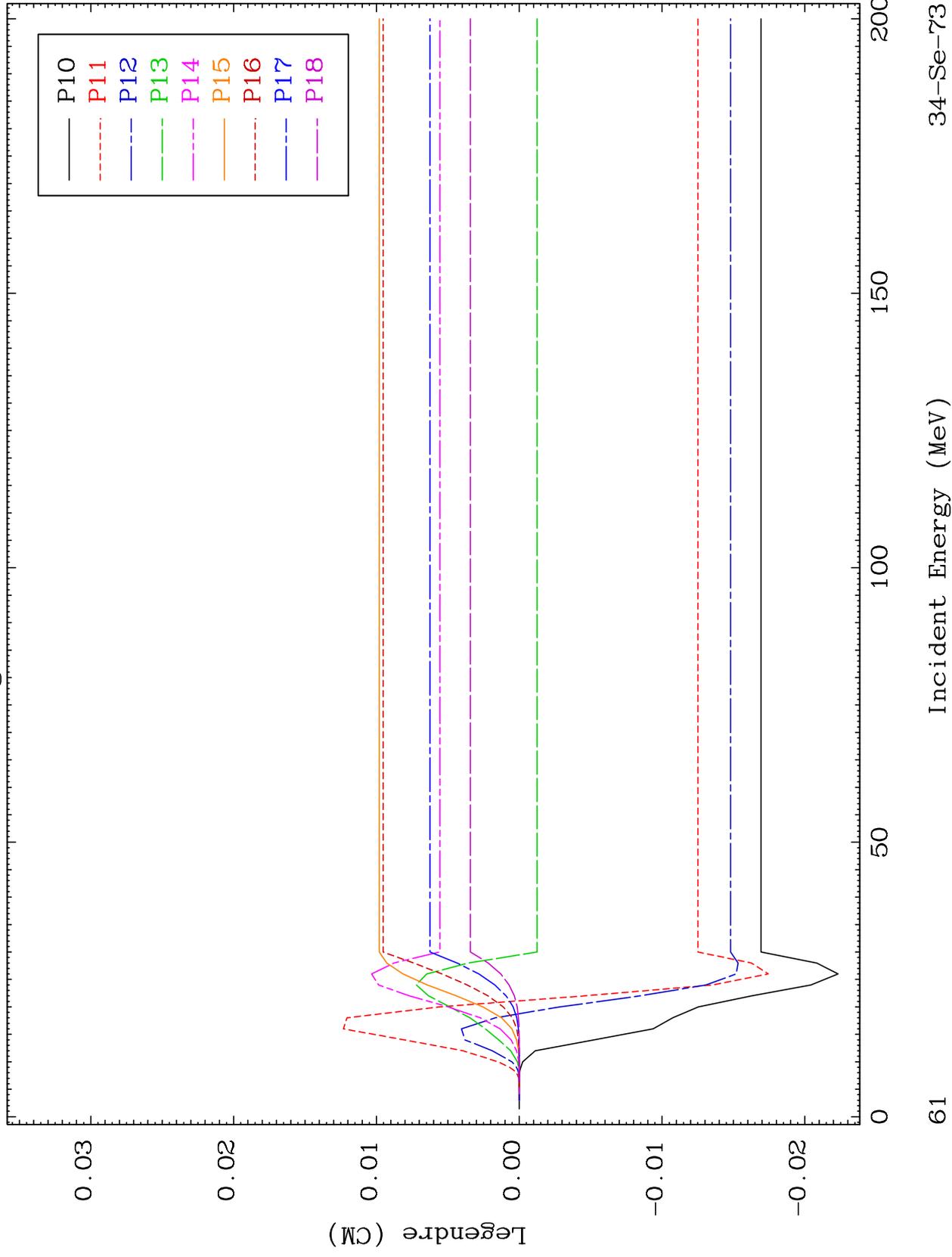
34-Se-73



MAT 3422

639.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



³⁴Se-73

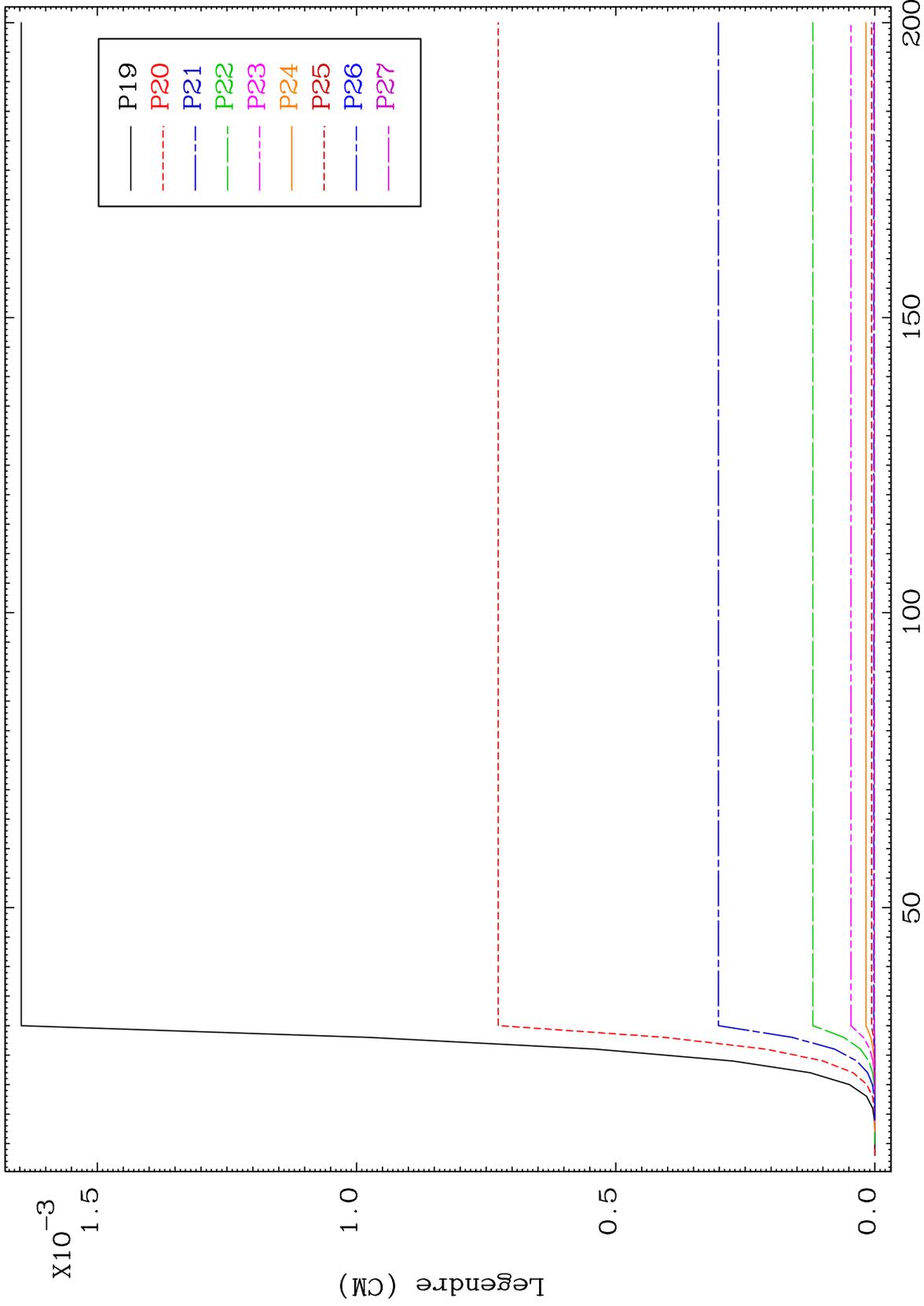
Incident Energy (MeV)

61

MAT 3422

639.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



62

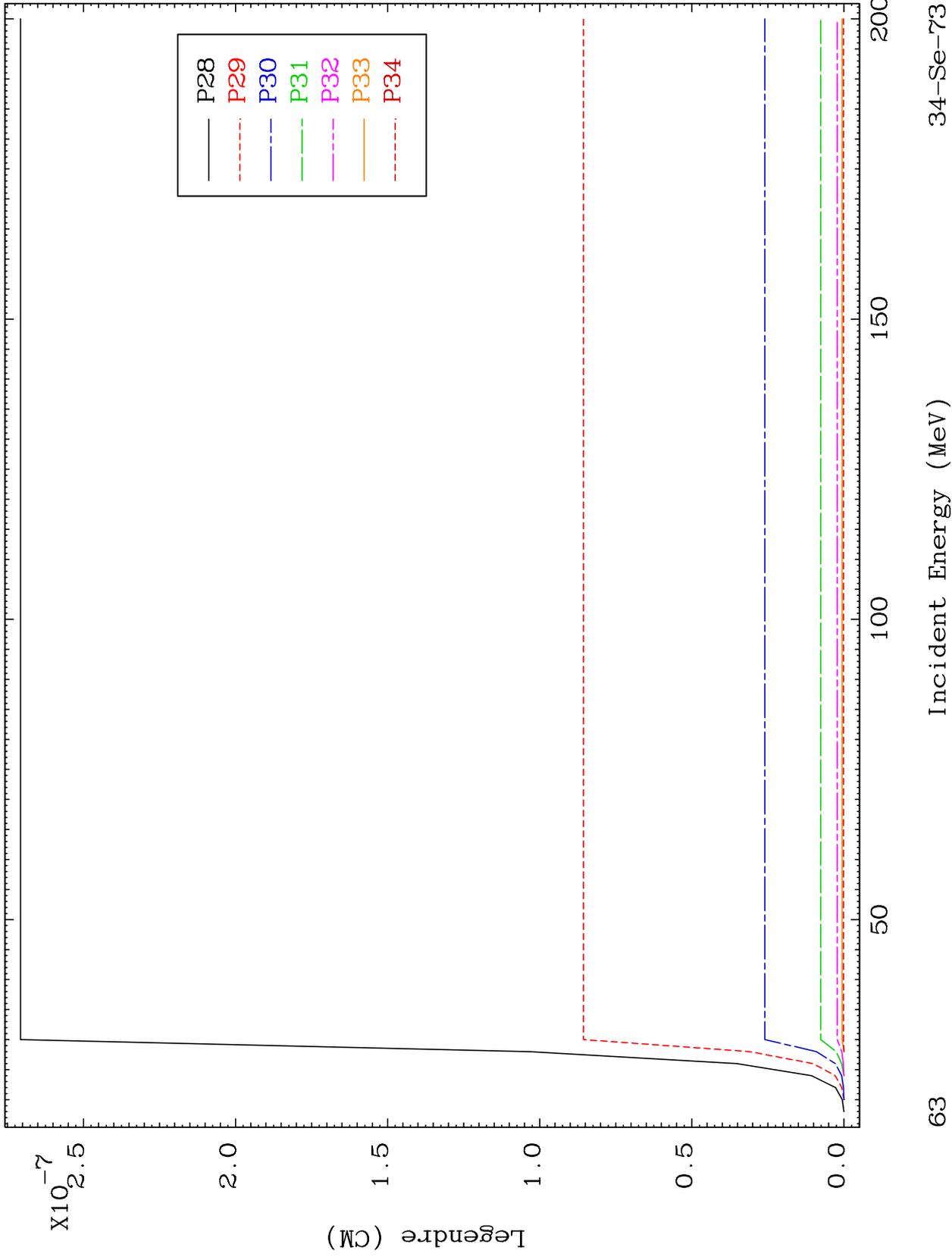
Incident Energy (MeV)

³⁴Se-73

MAT 3422

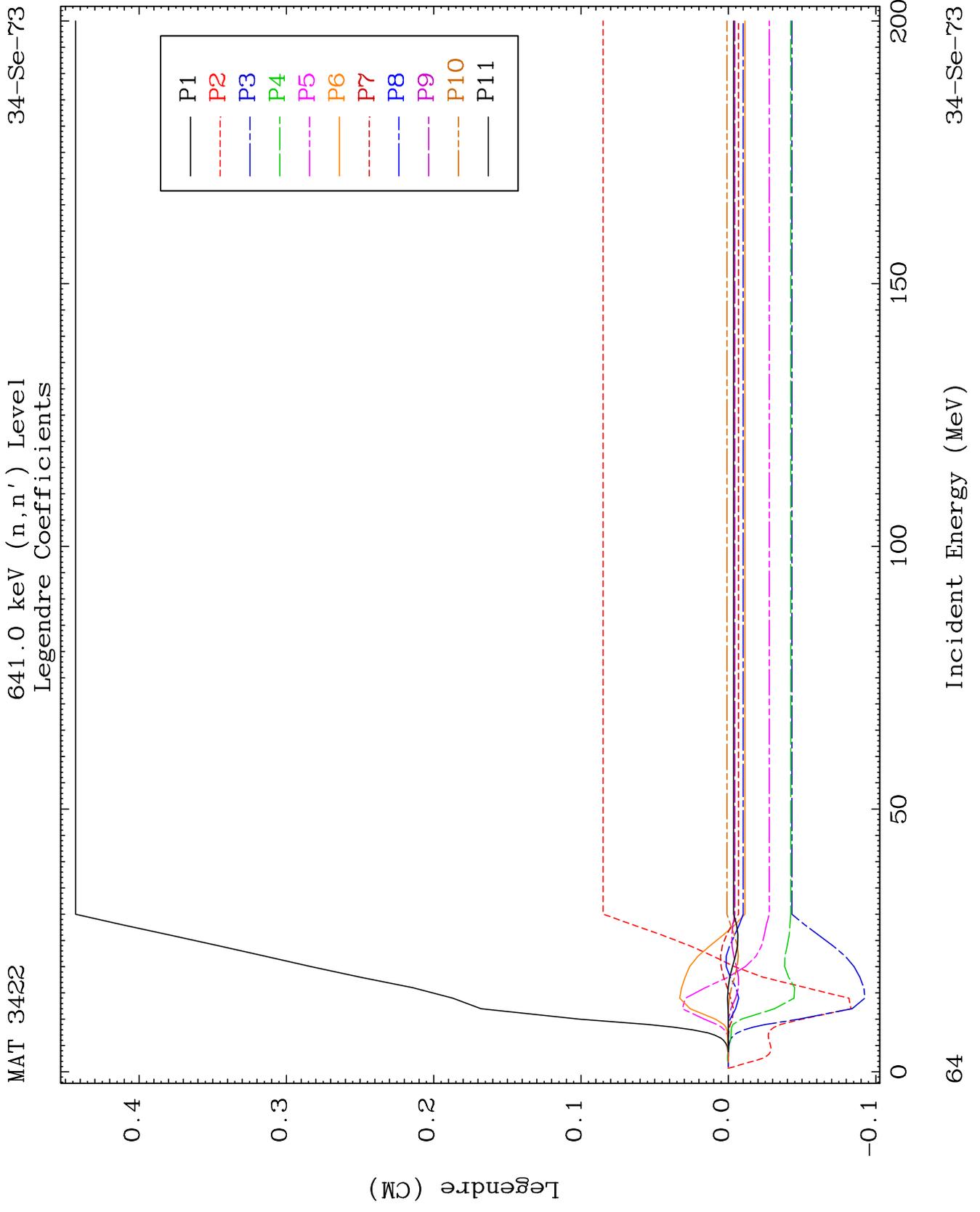
639.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



63

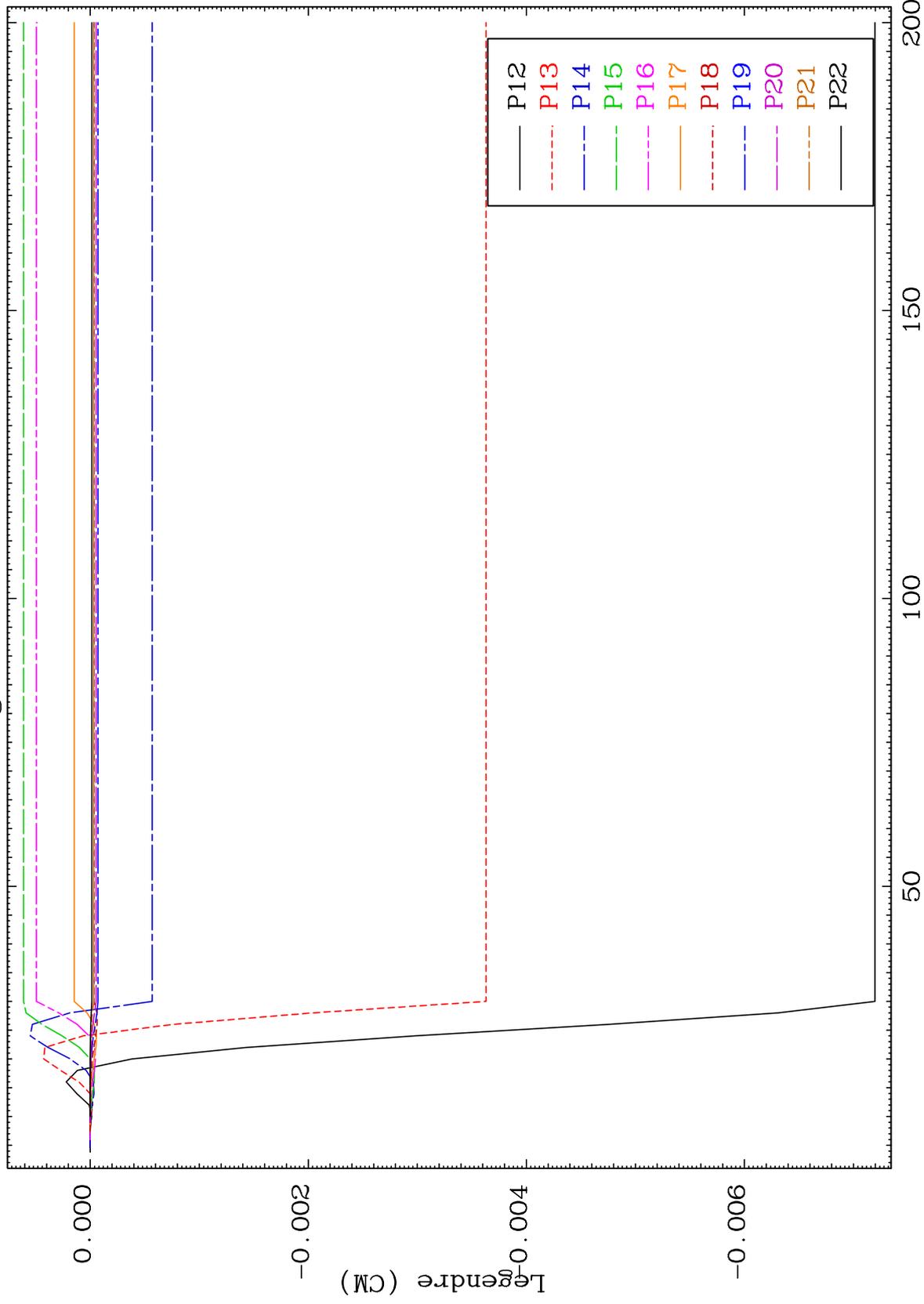
³⁴Se-73



MAT 3422

641.0 keV (n,n') Level
Legendre Coefficients

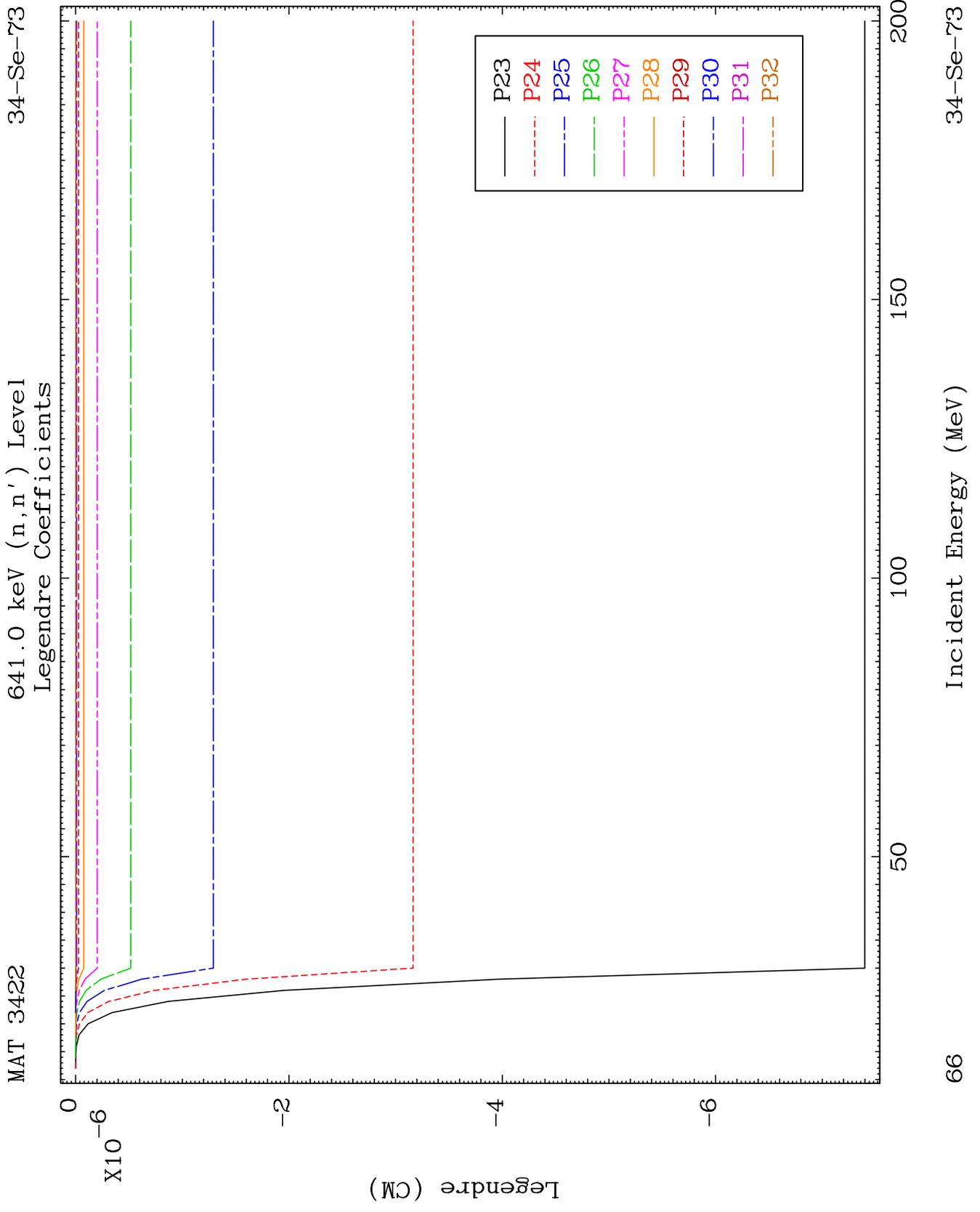
34-Se-73

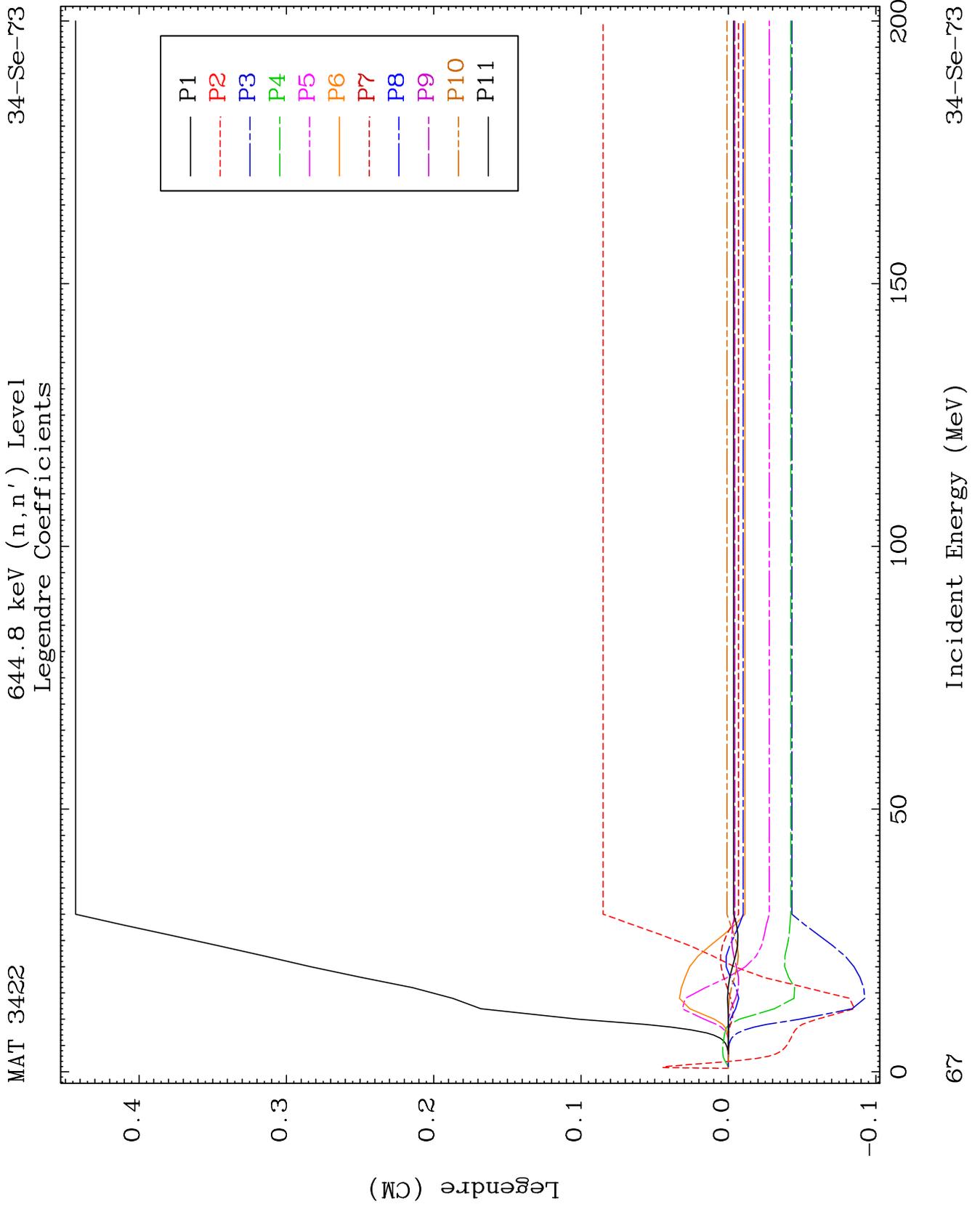


65

Incident Energy (MeV)

34-Se-73

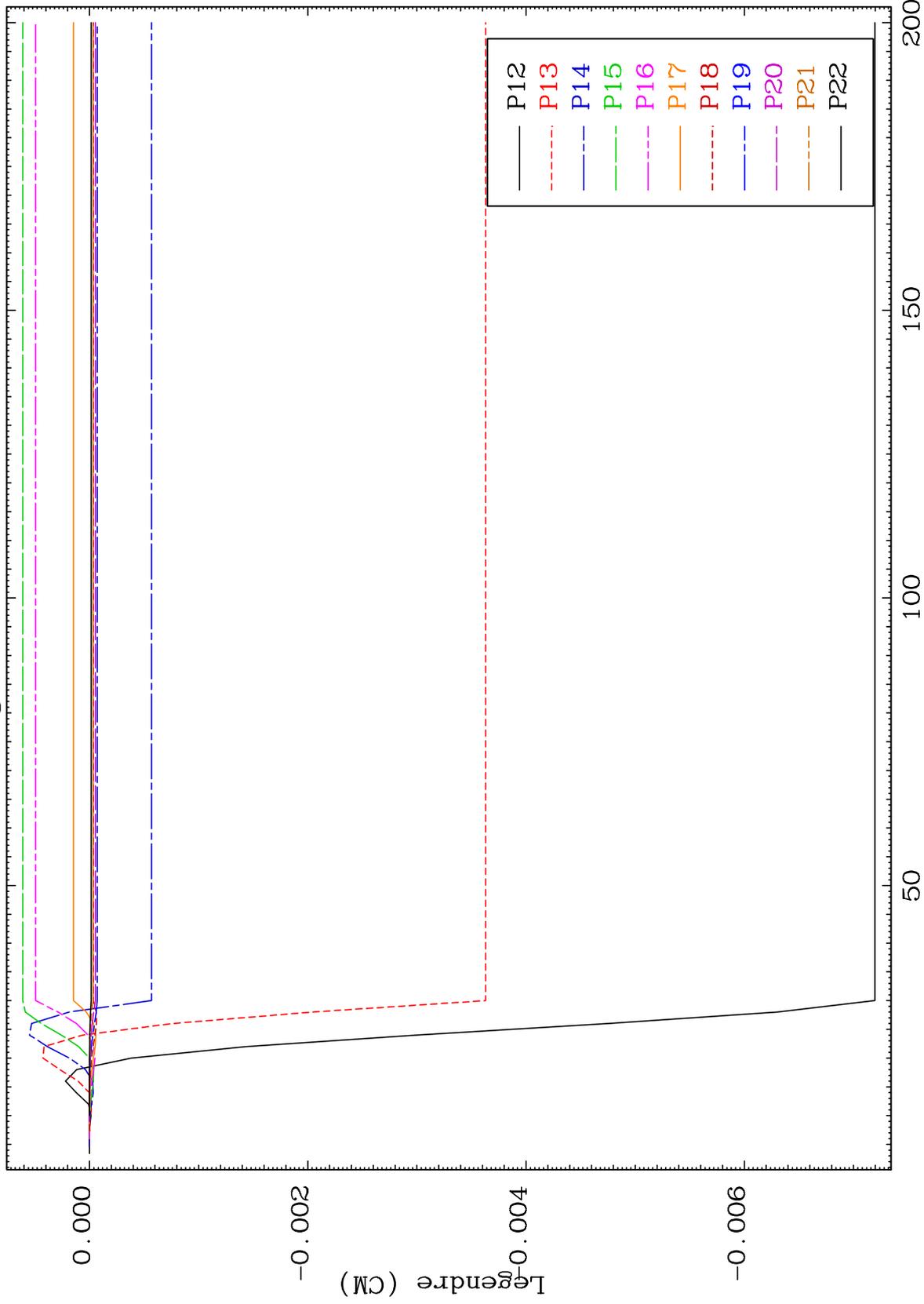




MAT 3422

644.8 keV (n,n') Level
Legendre Coefficients

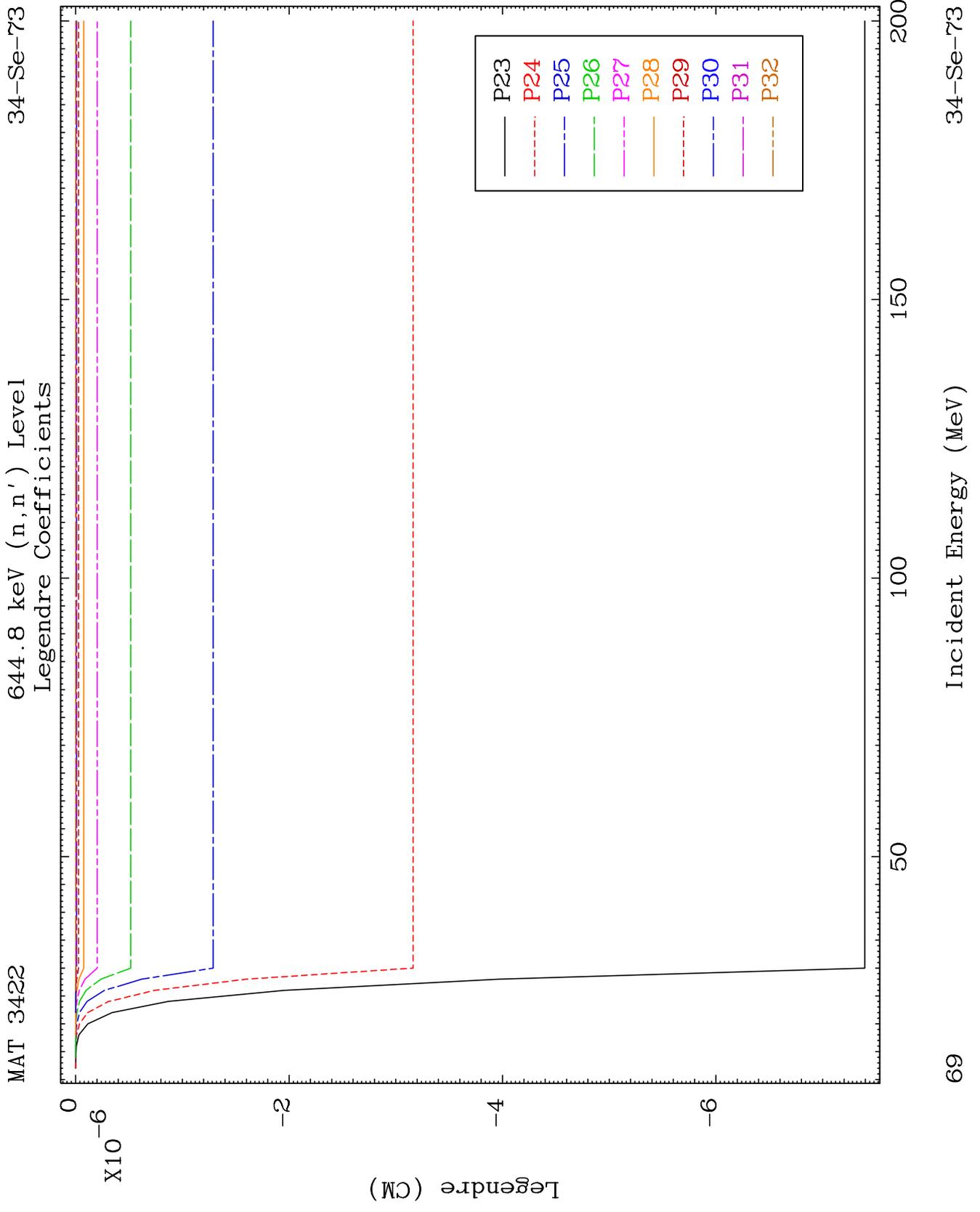
34-Se-73

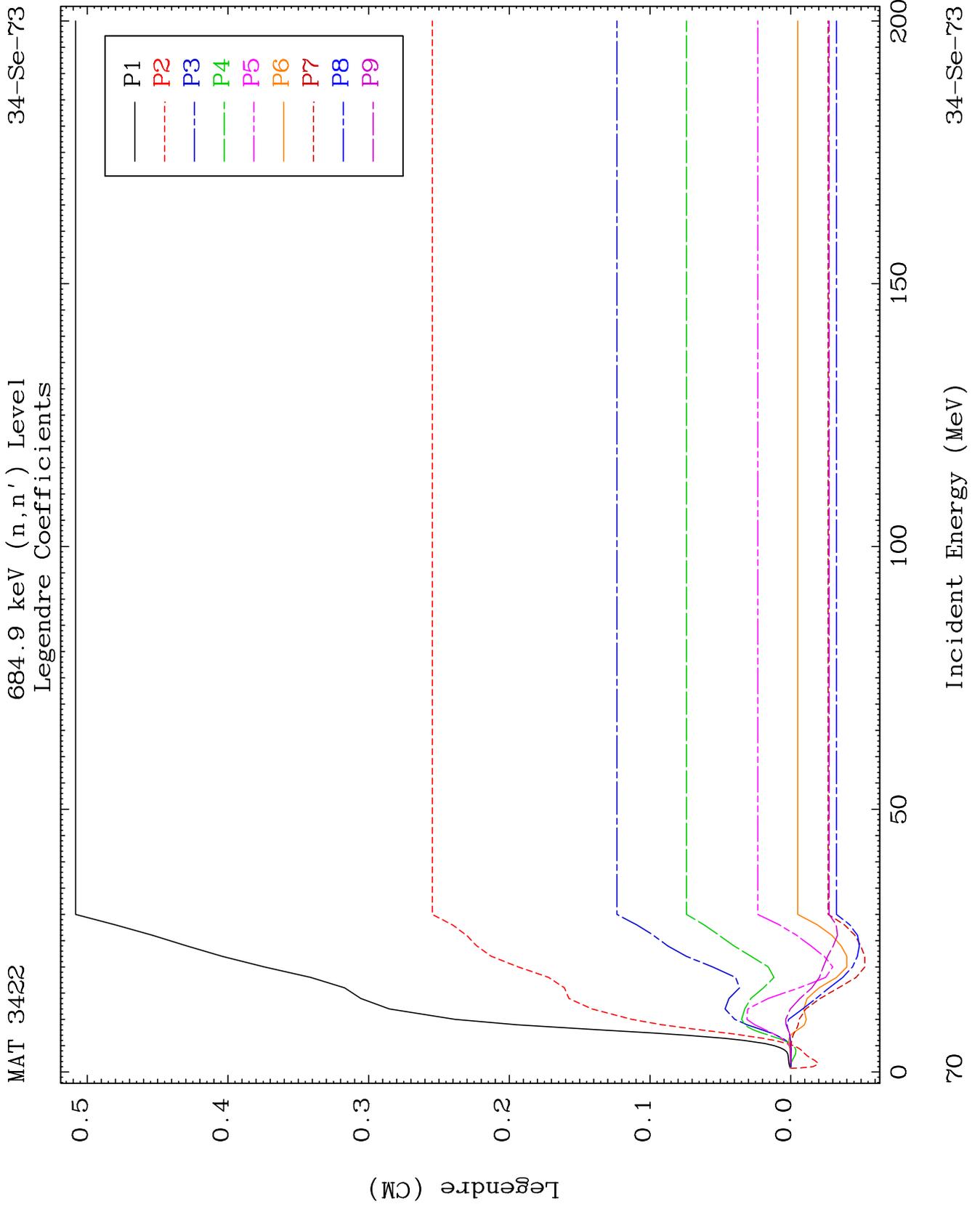


68

Incident Energy (MeV)

34-Se-73

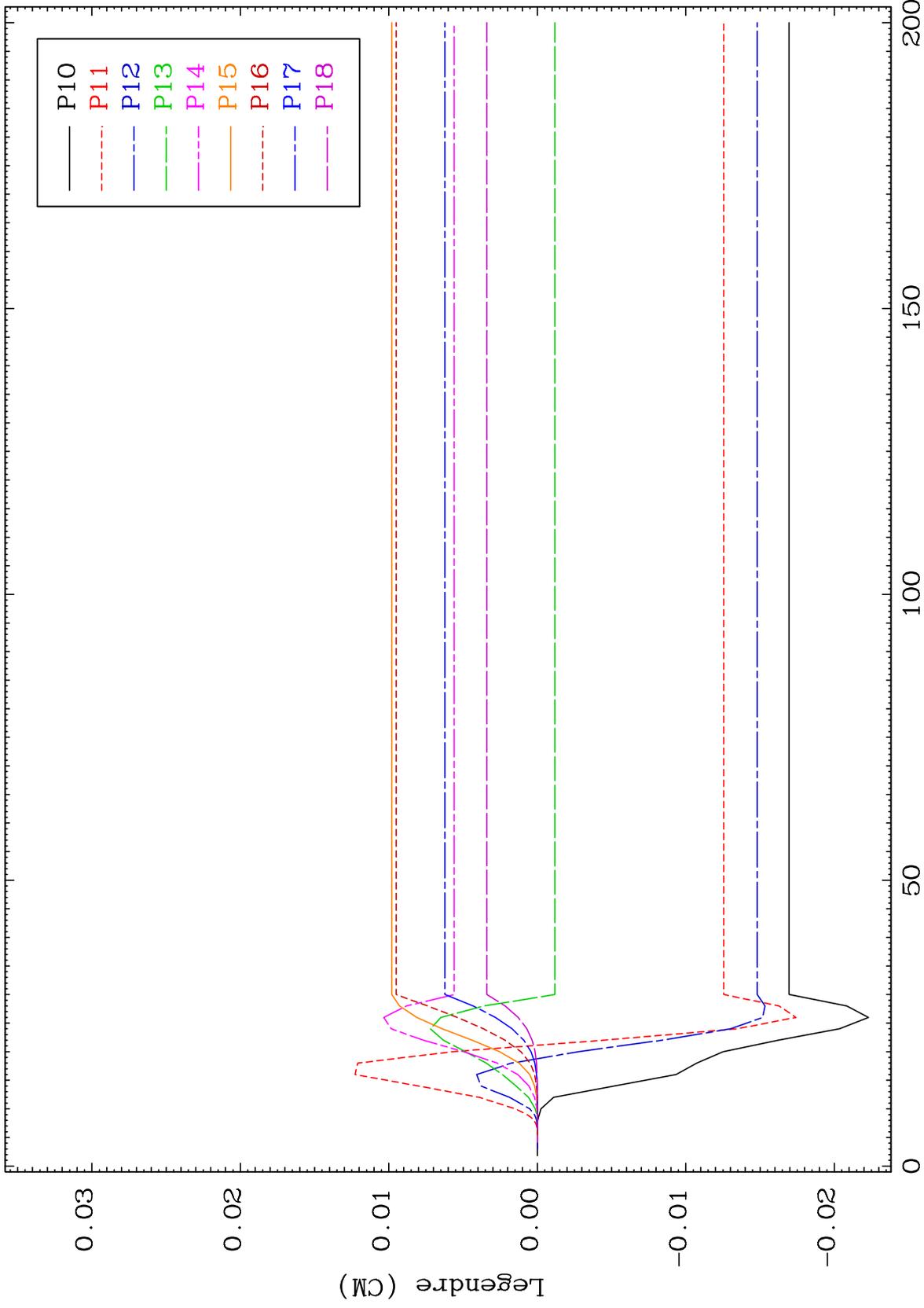




MAT 3422

684.9 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



71

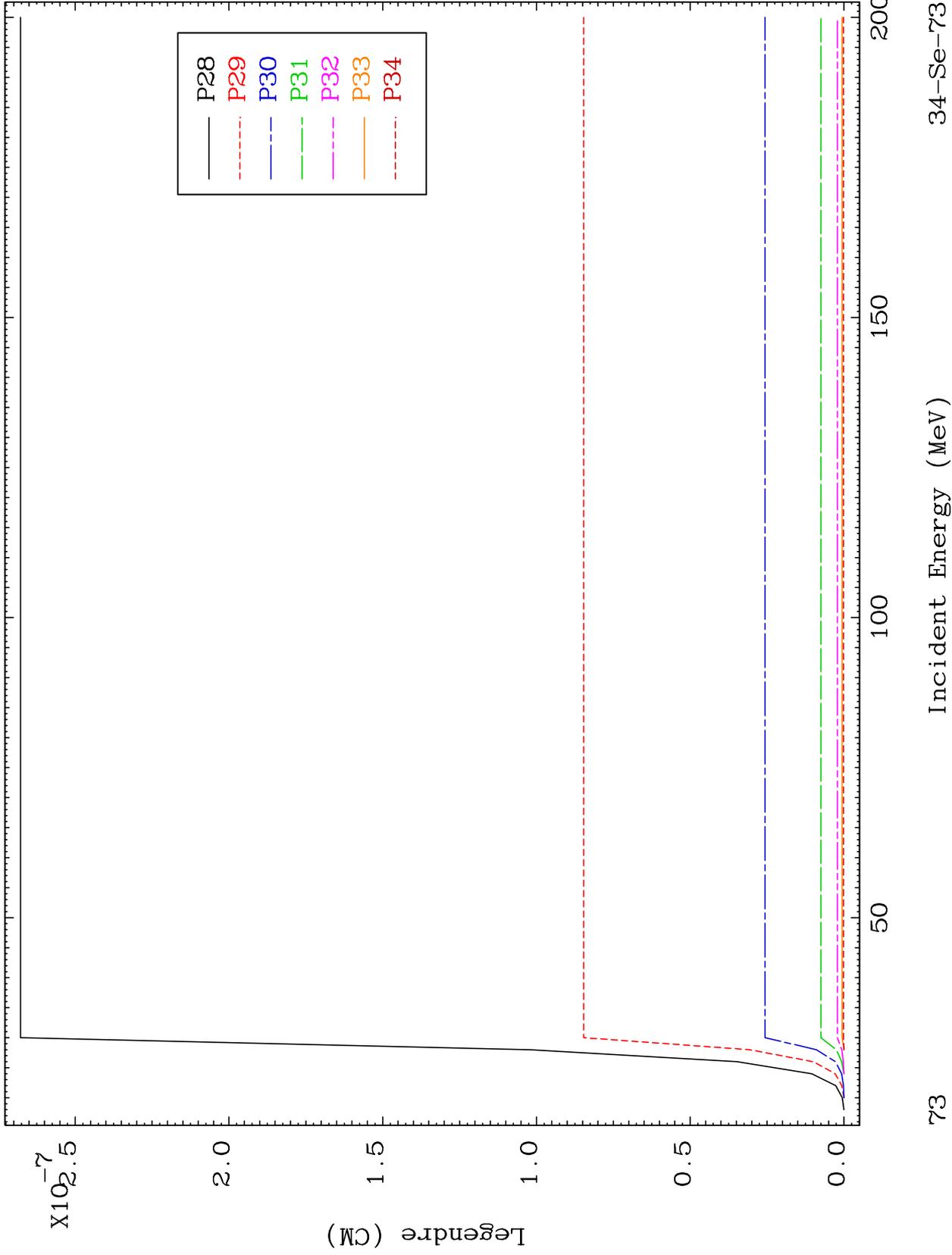
Incident Energy (MeV)

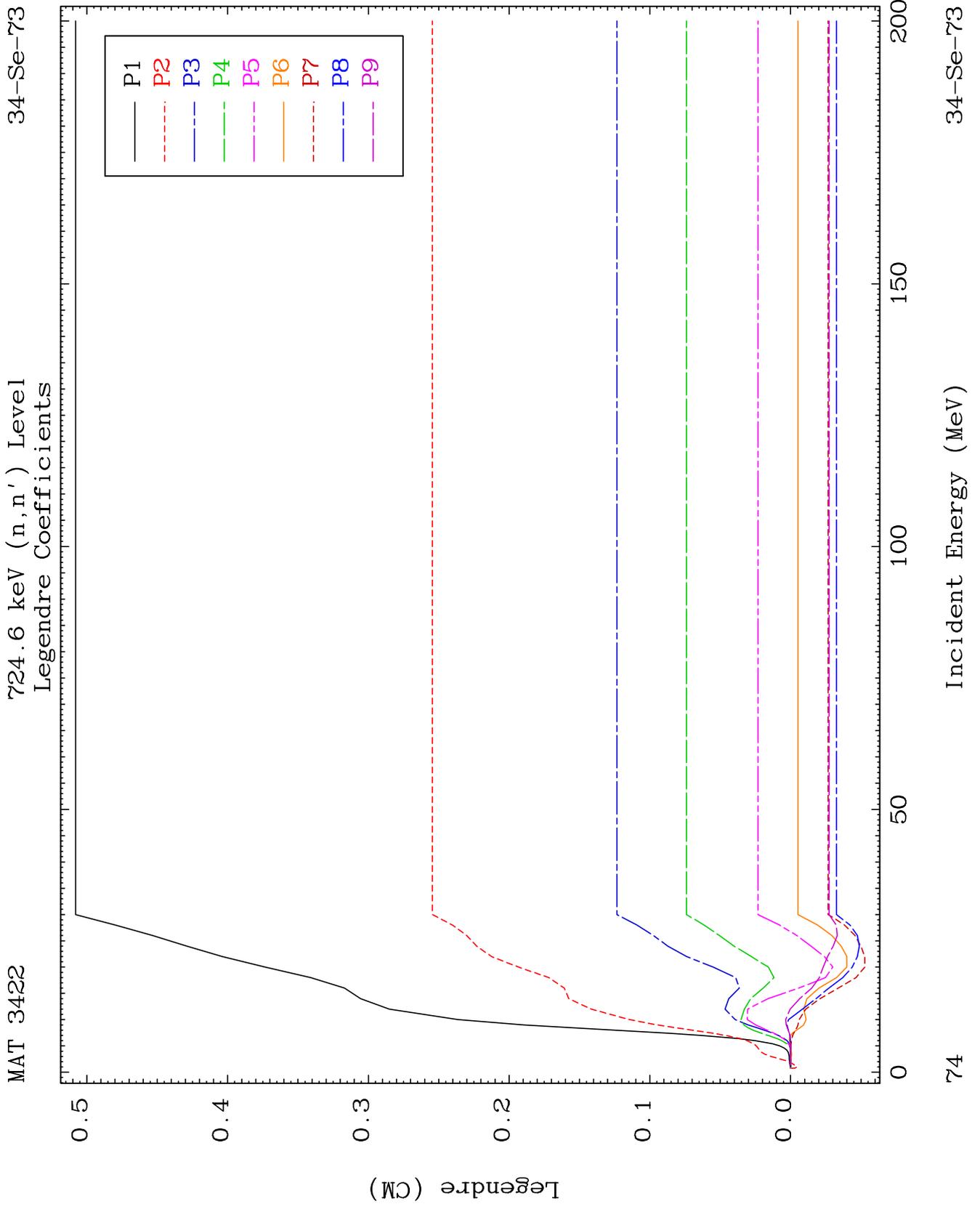
³⁴Se-73

MAT 3422

684.9 keV (n,n') Level
Legendre Coefficients

³⁴Se-73

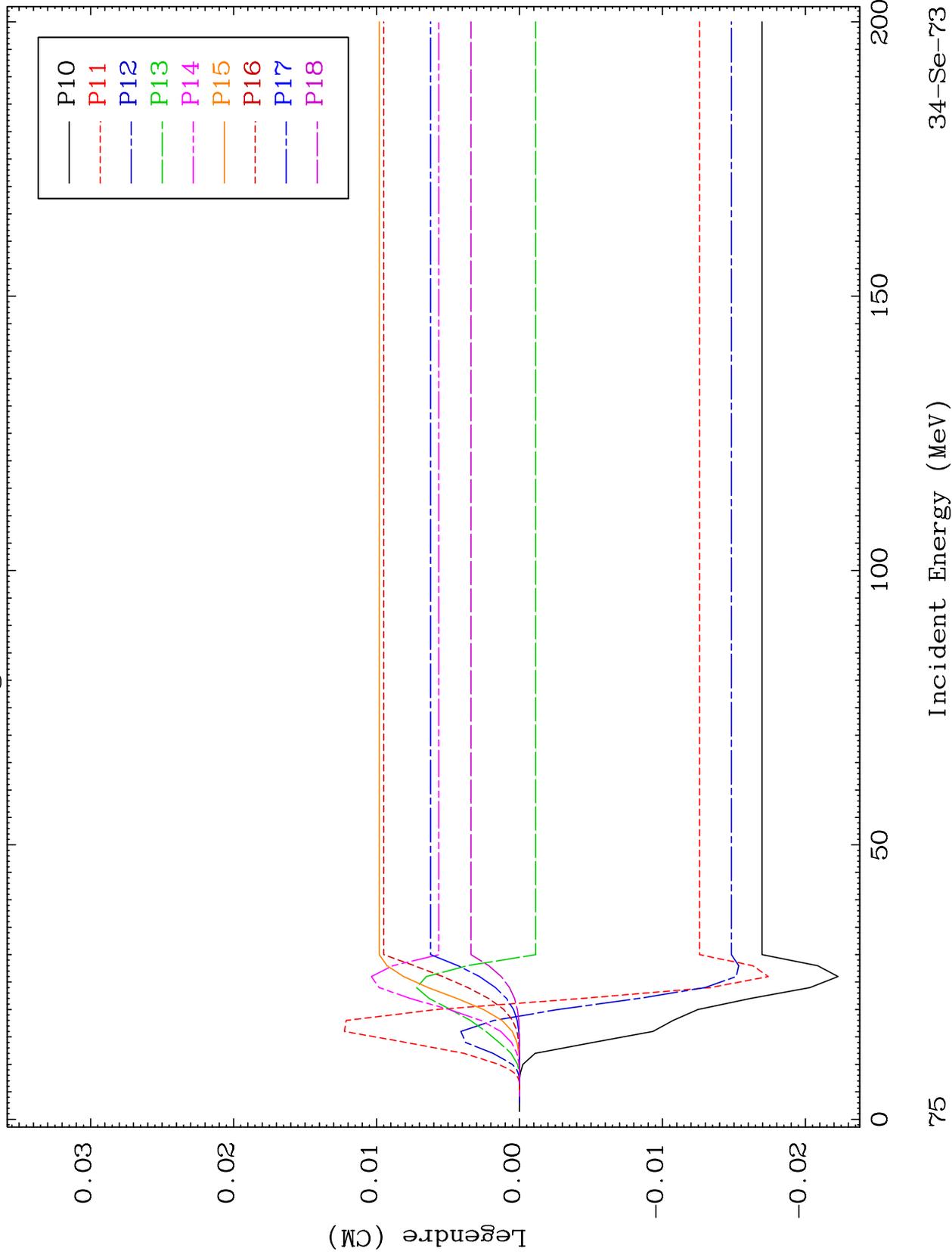




MAT 3422

724.6 keV (n,n') Level
Legendre Coefficients

34-Se-73



75

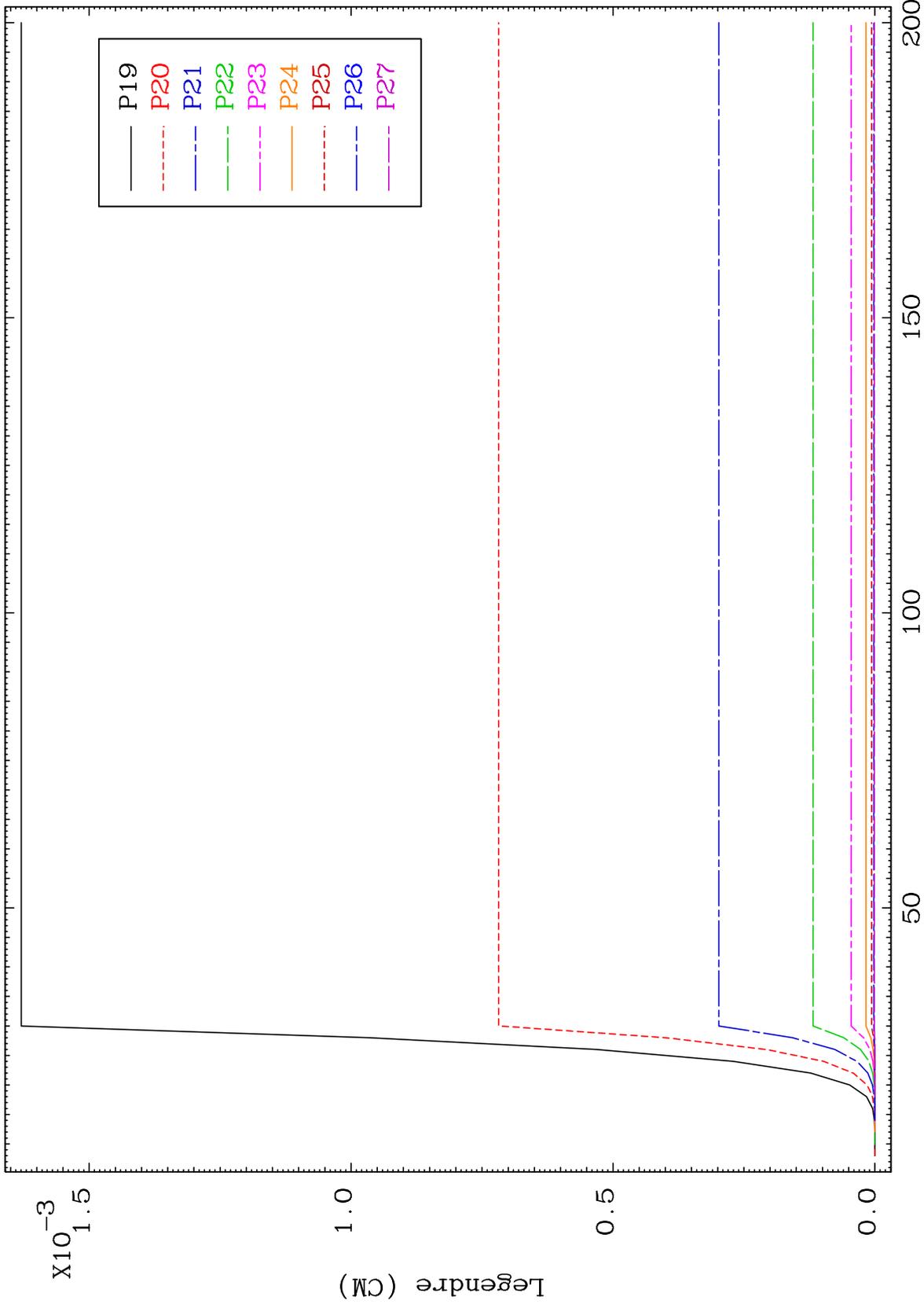
Incident Energy (MeV)

34-Se-73

MAT 3422

724.6 keV (n,n') Level
Legendre Coefficients

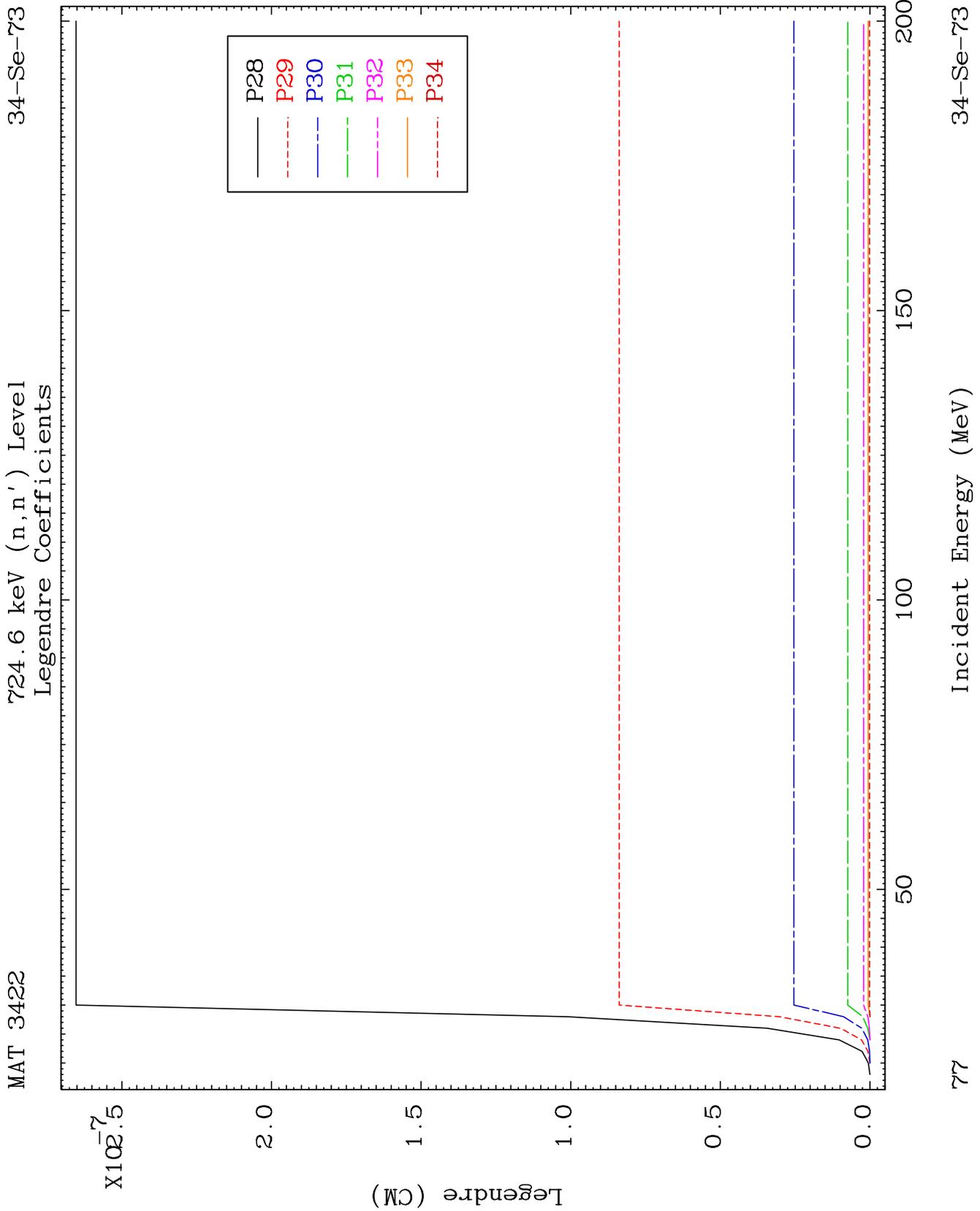
34-Se-73

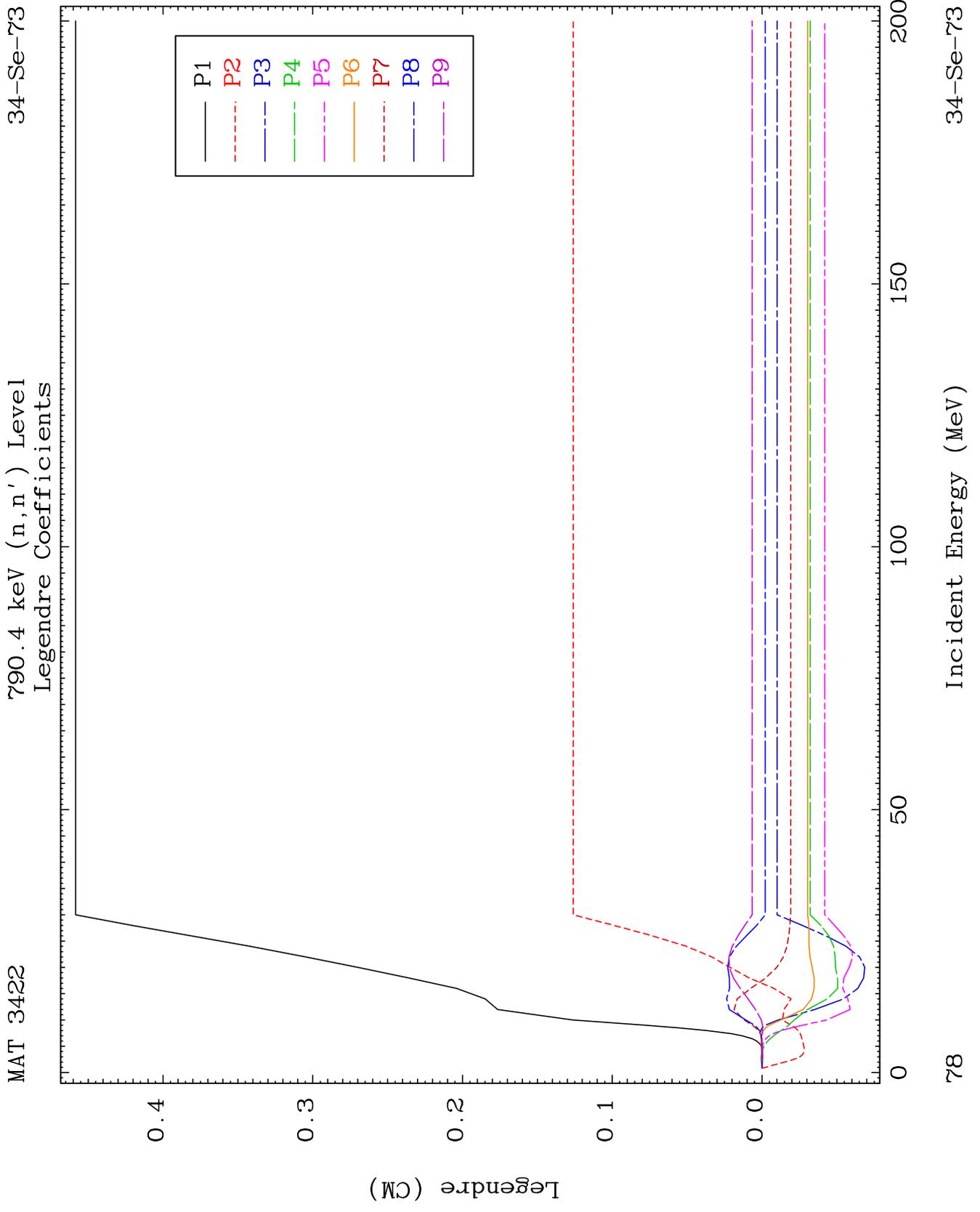


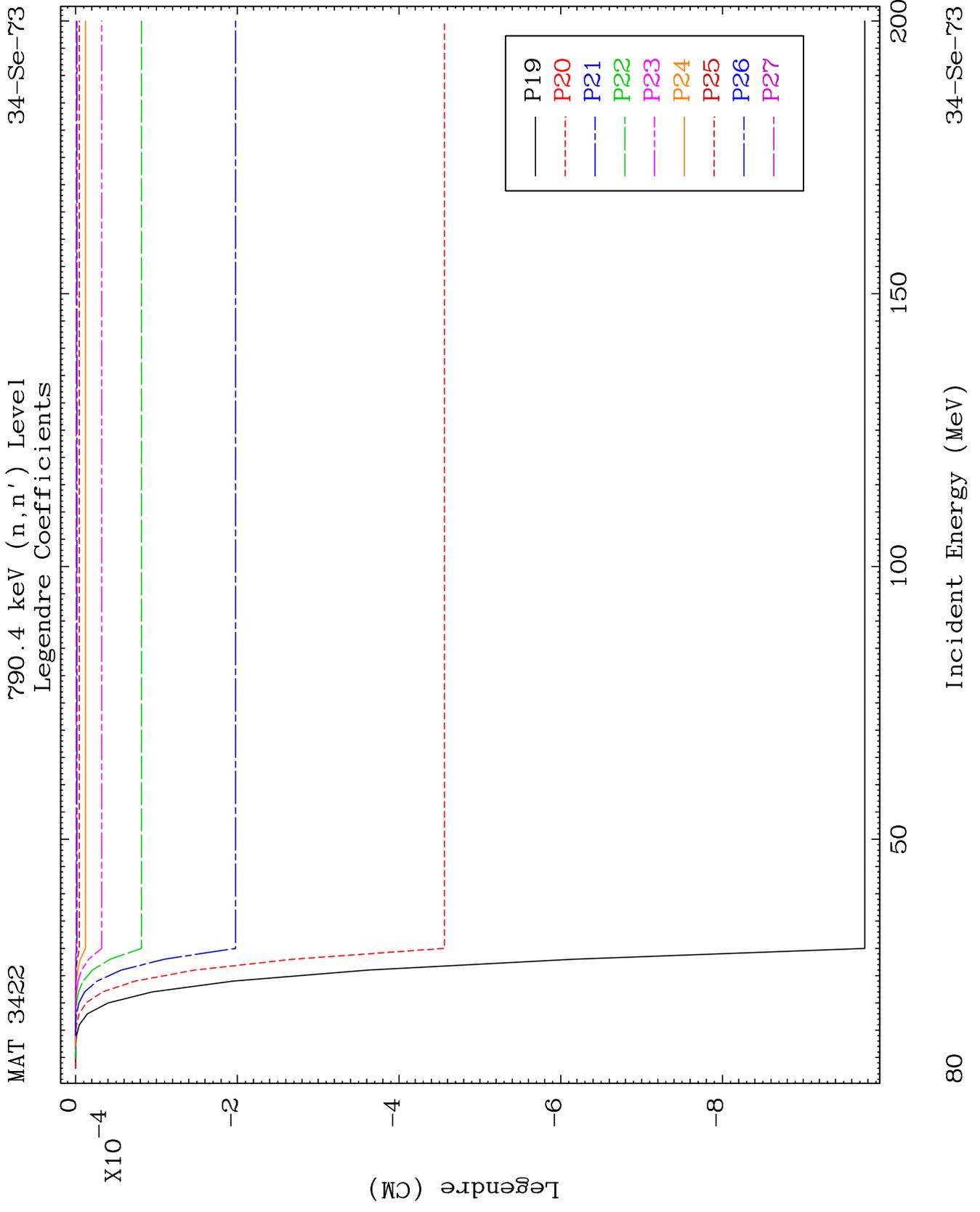
76

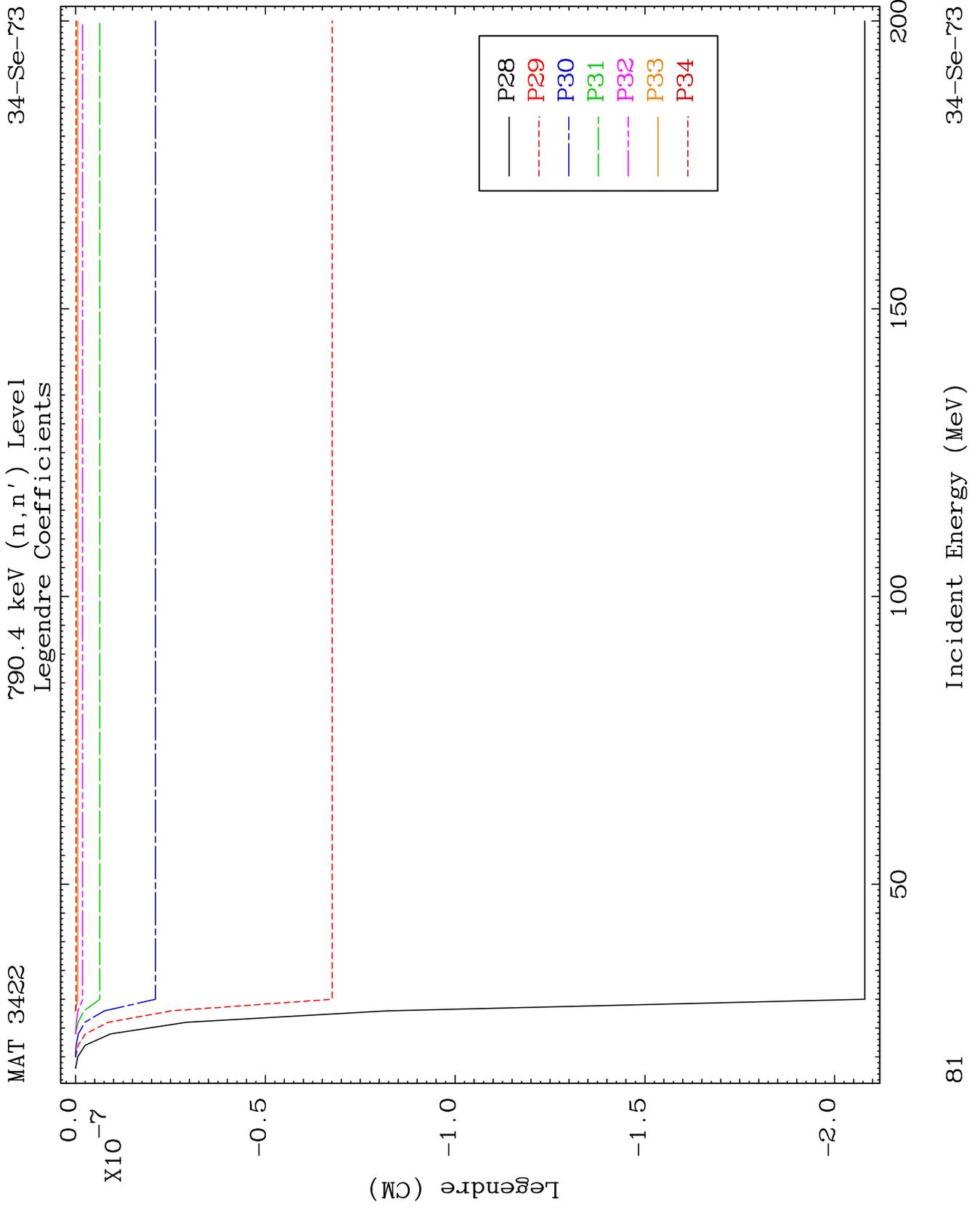
Incident Energy (MeV)

34-Se-73





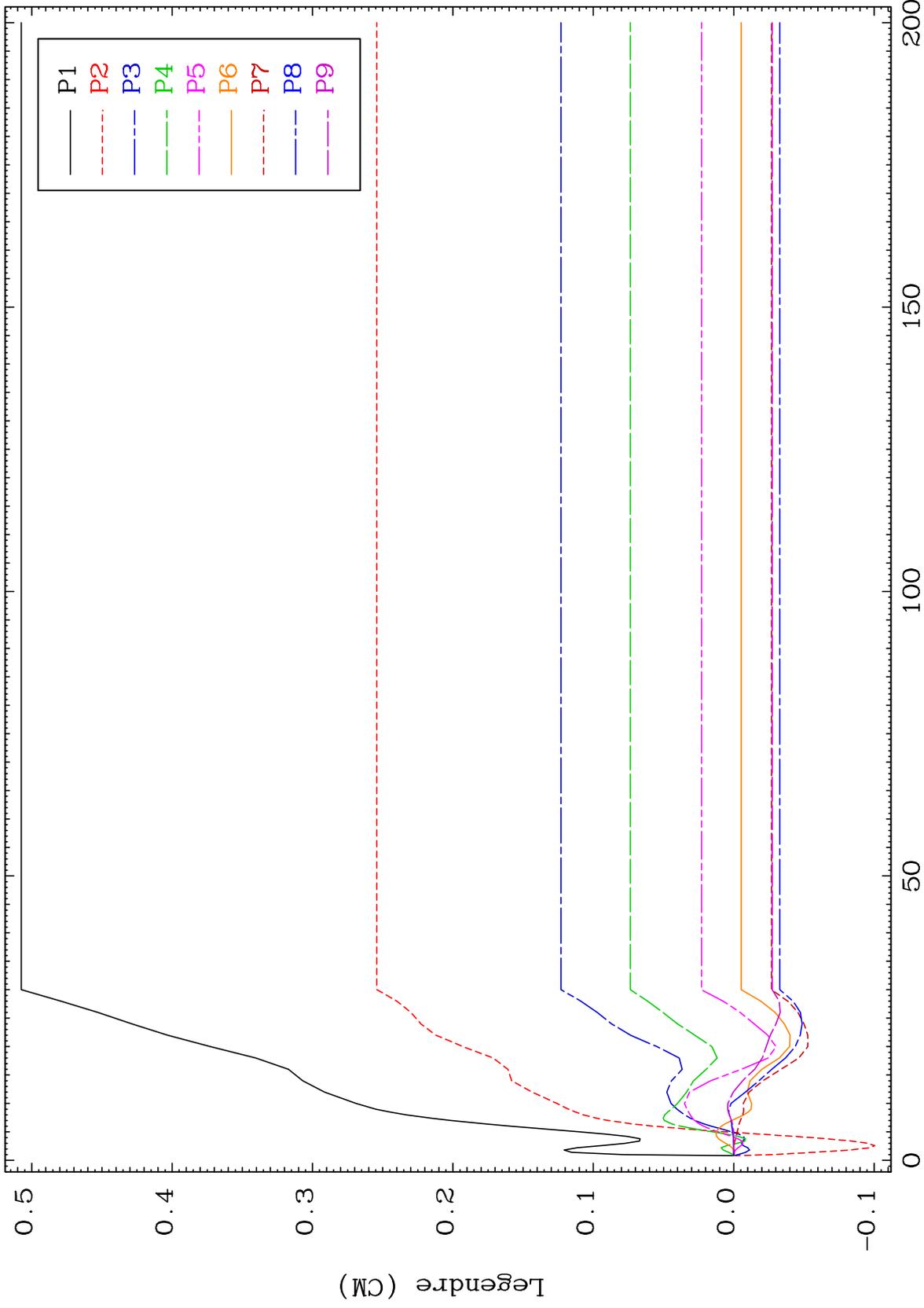




MAT 3422

797.7 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



82

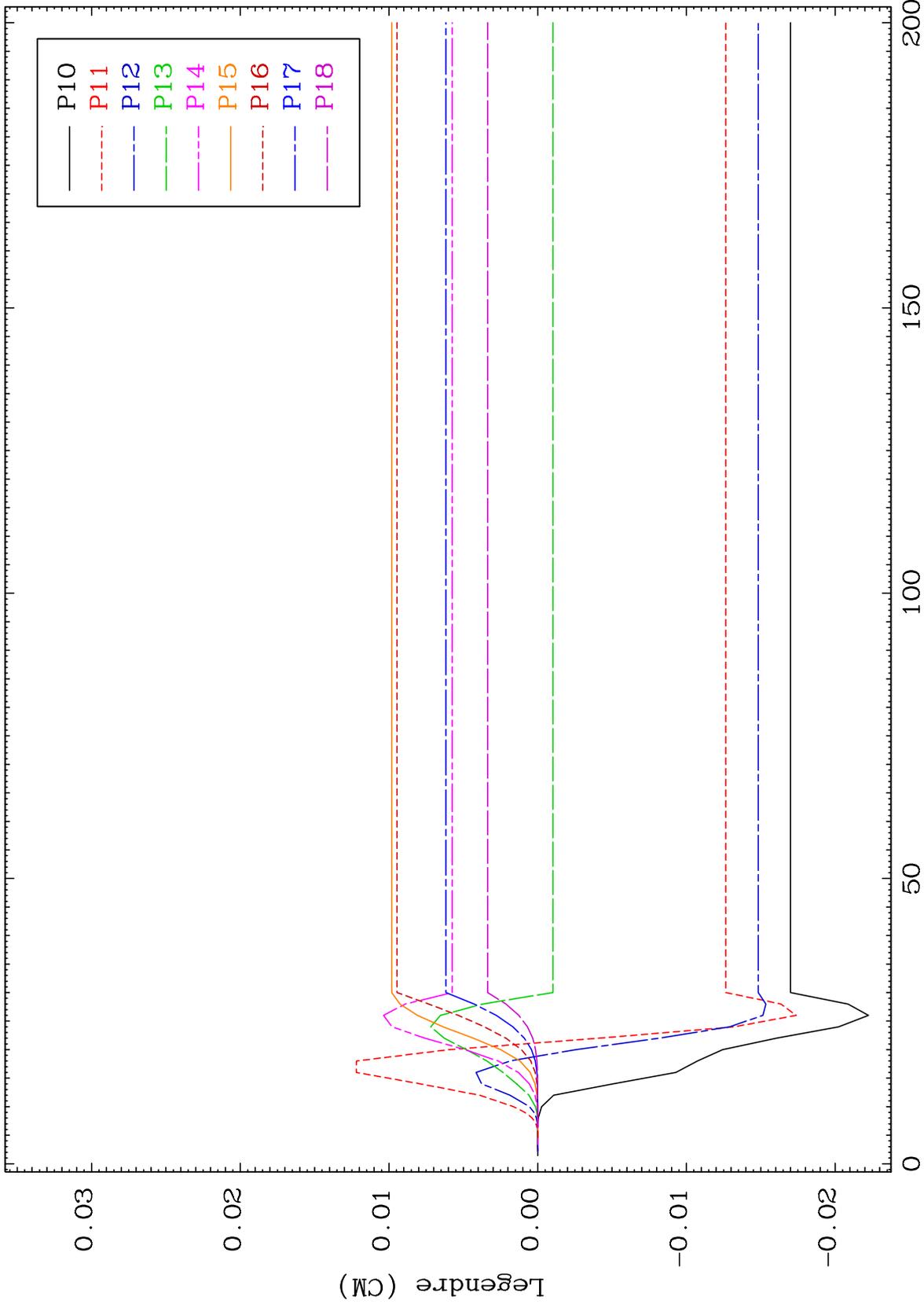
Incident Energy (MeV)

³⁴Se-73

MAT 3422

797.7 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



83

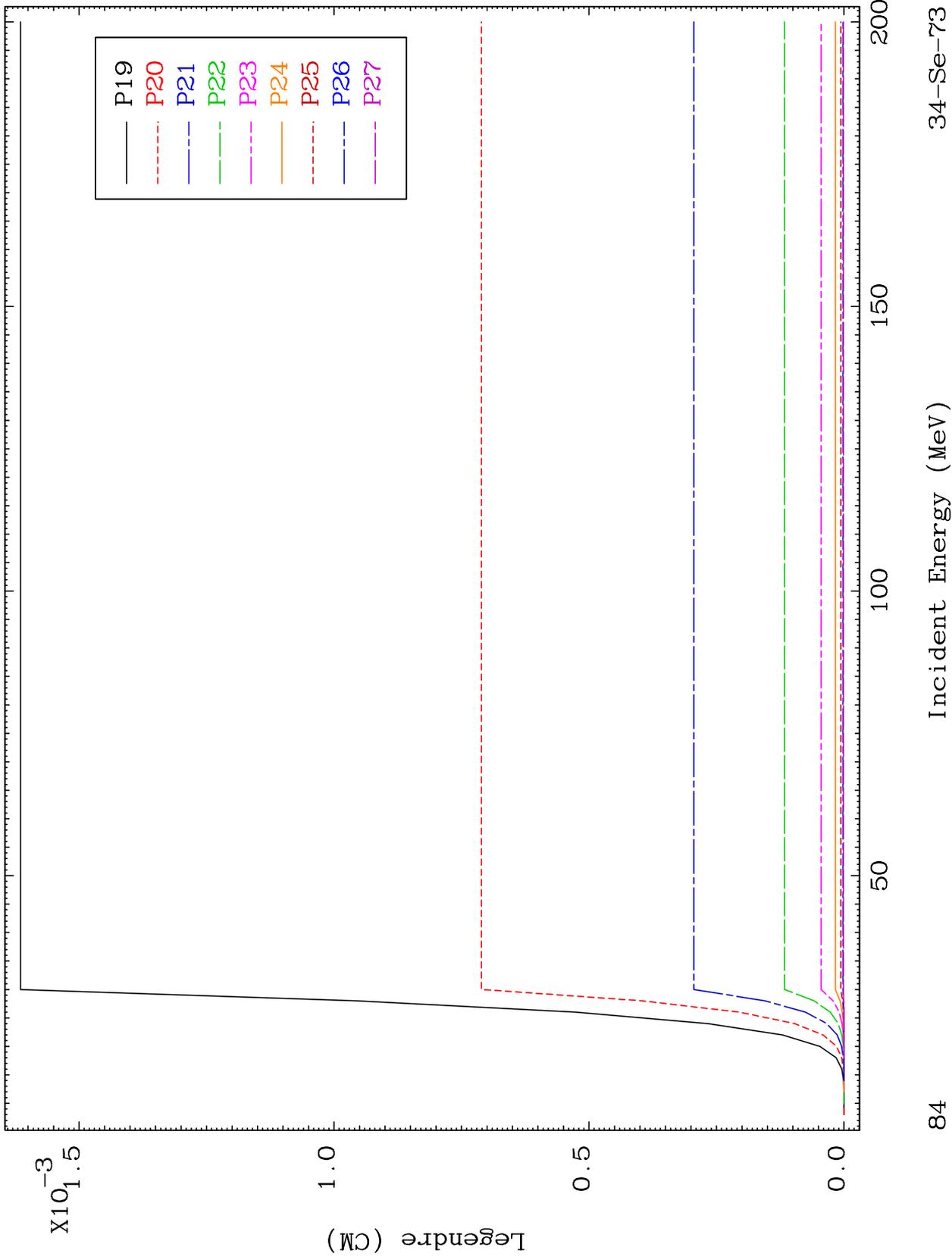
Incident Energy (MeV)

³⁴Se-73

MAT 3422

797.7 keV (n,n') Level
Legendre Coefficients

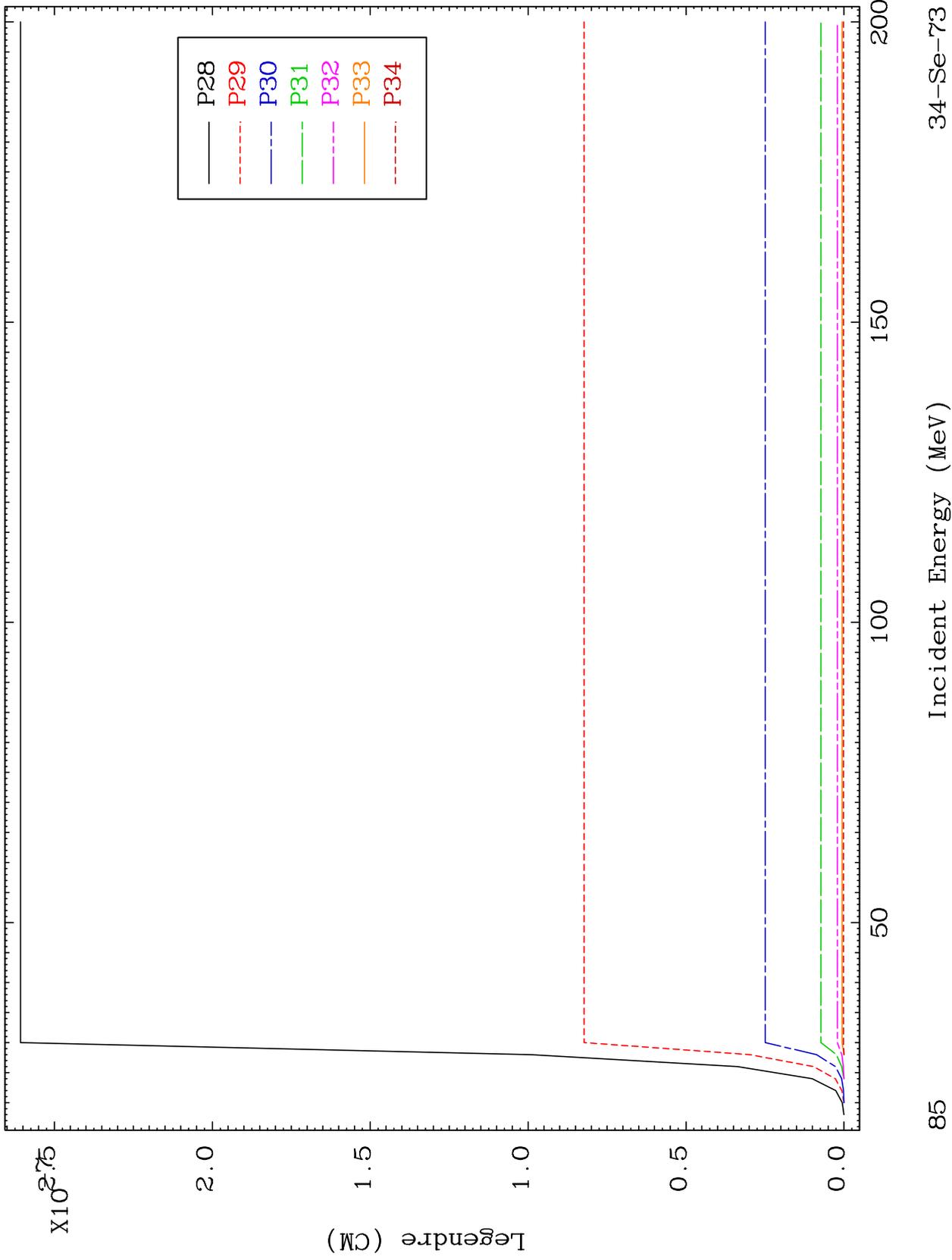
34-Se-73



MAT 3422

797.7 keV (n,n') Level
Legendre Coefficients

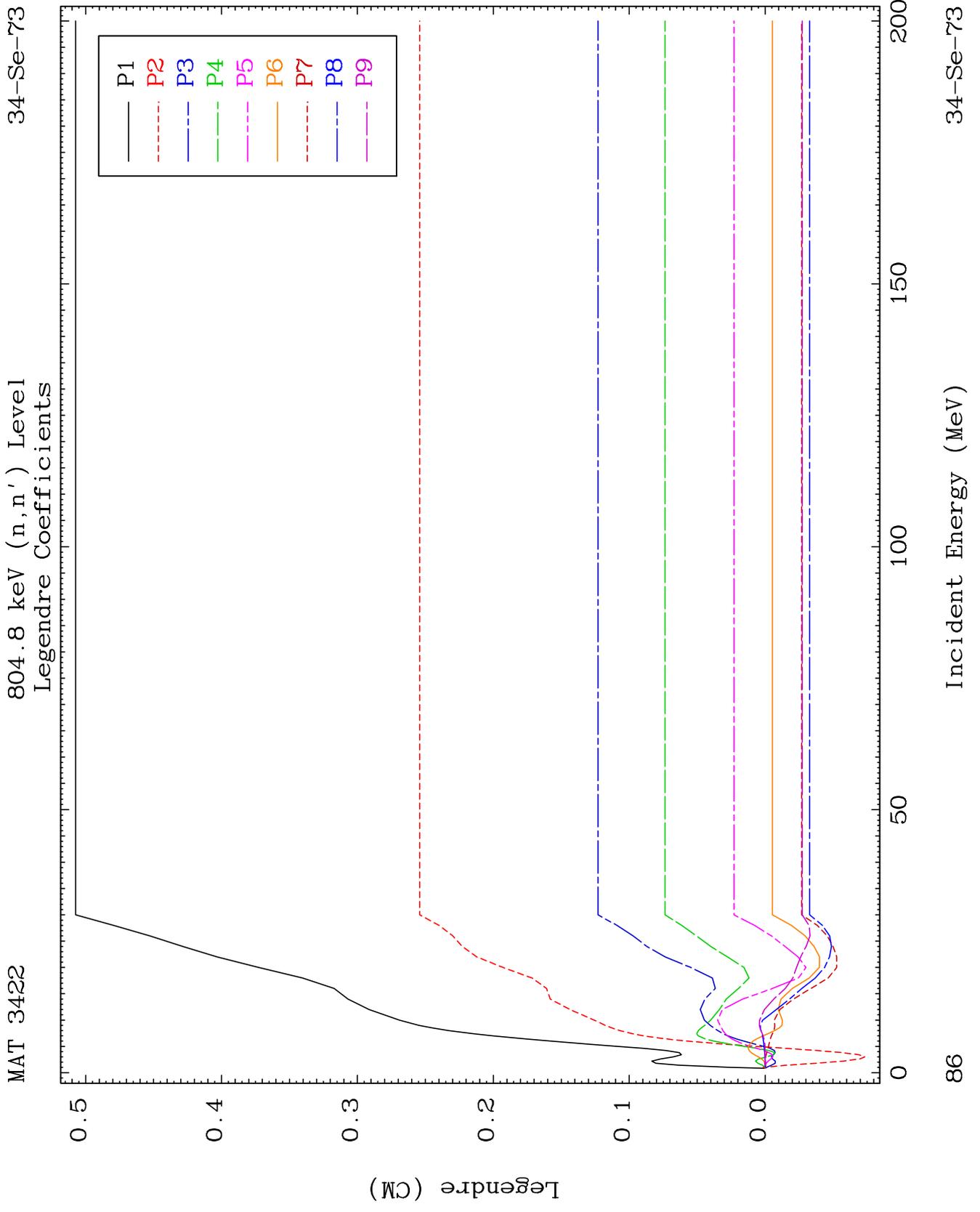
34-Se-73



85

Incident Energy (MeV)

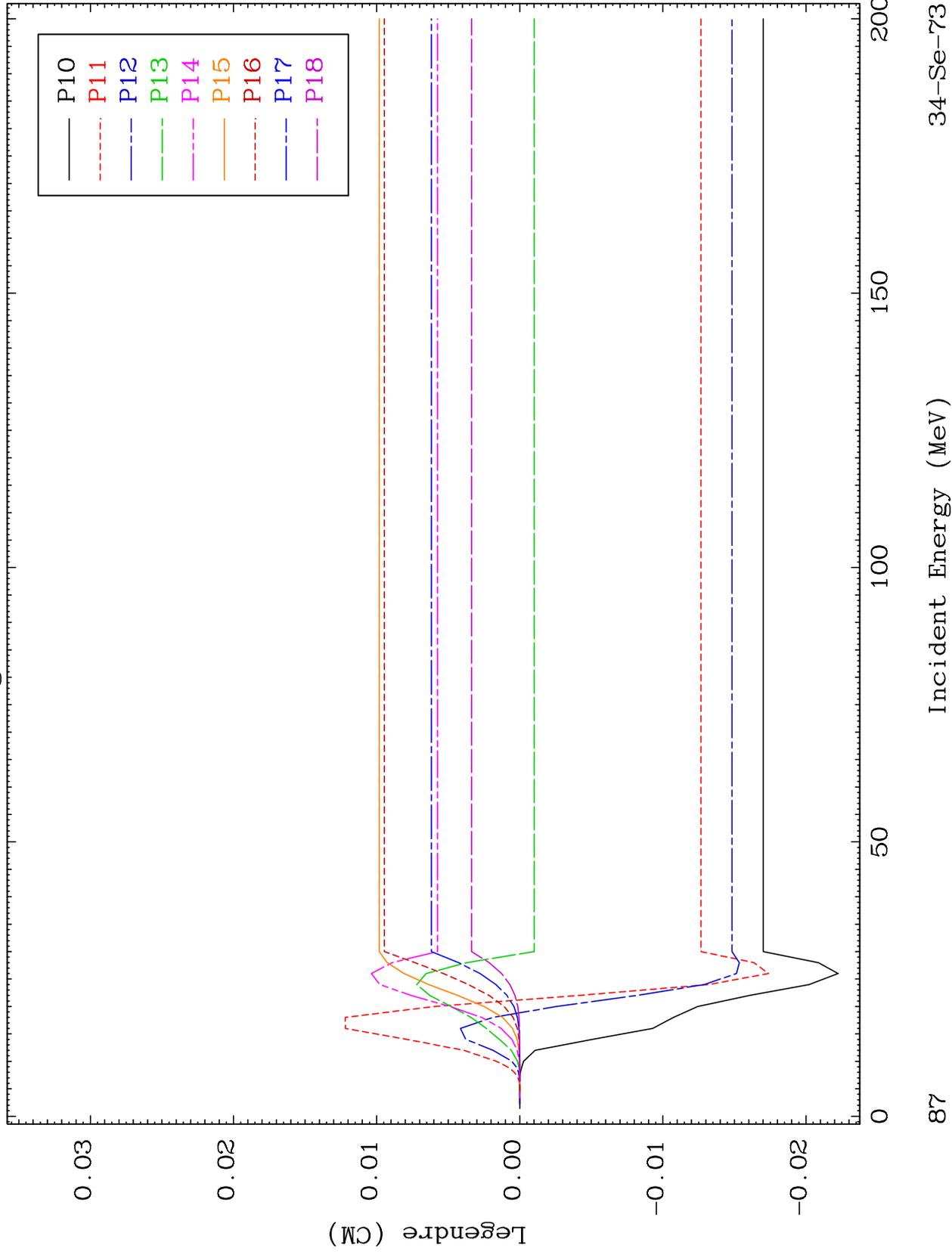
34-Se-73



MAT 3422

804.8 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



87

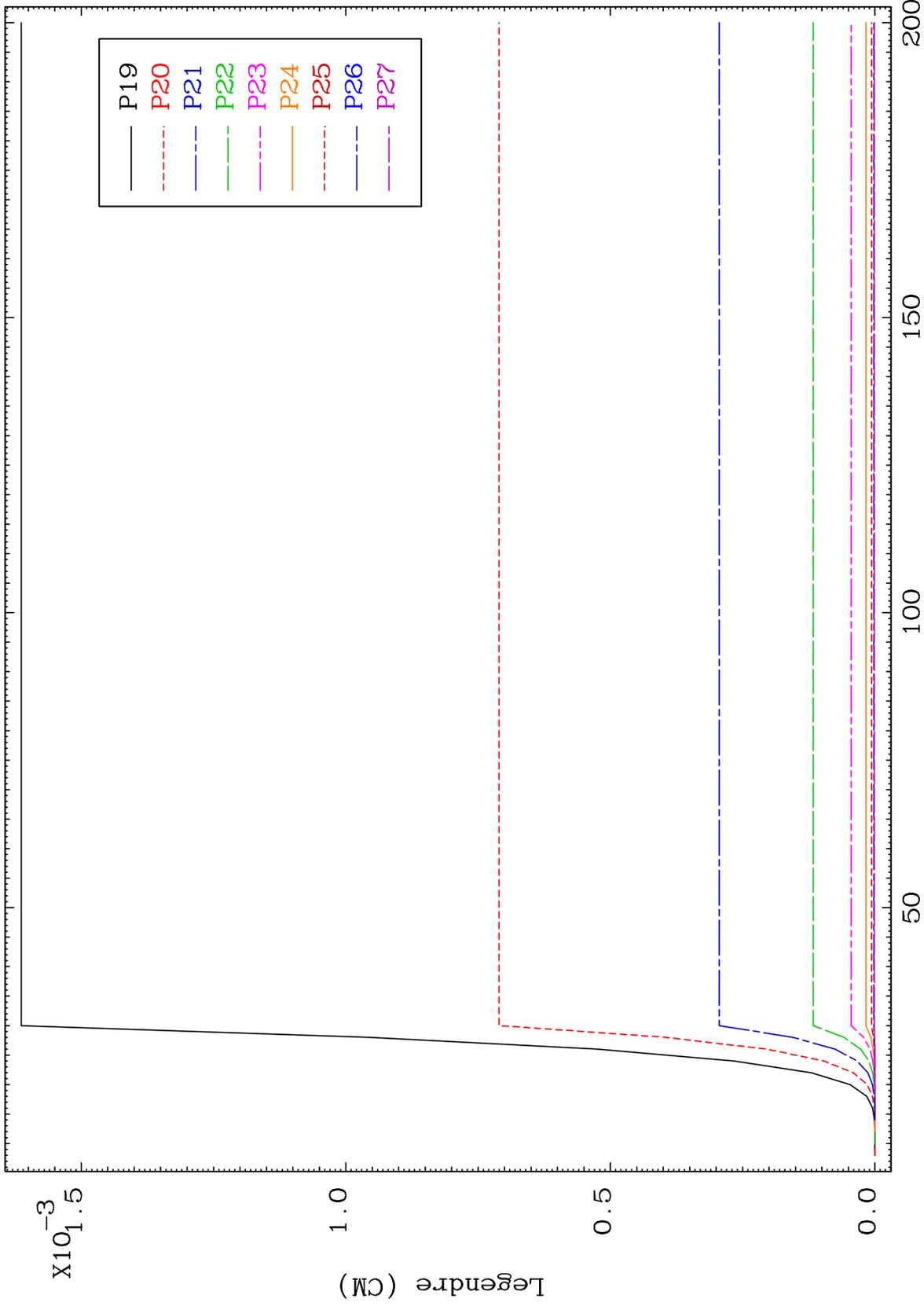
Incident Energy (MeV)

³⁴Se-73

MAT 3422

804.8 keV (n, n') Level
Legendre Coefficients

34-Se-73



88

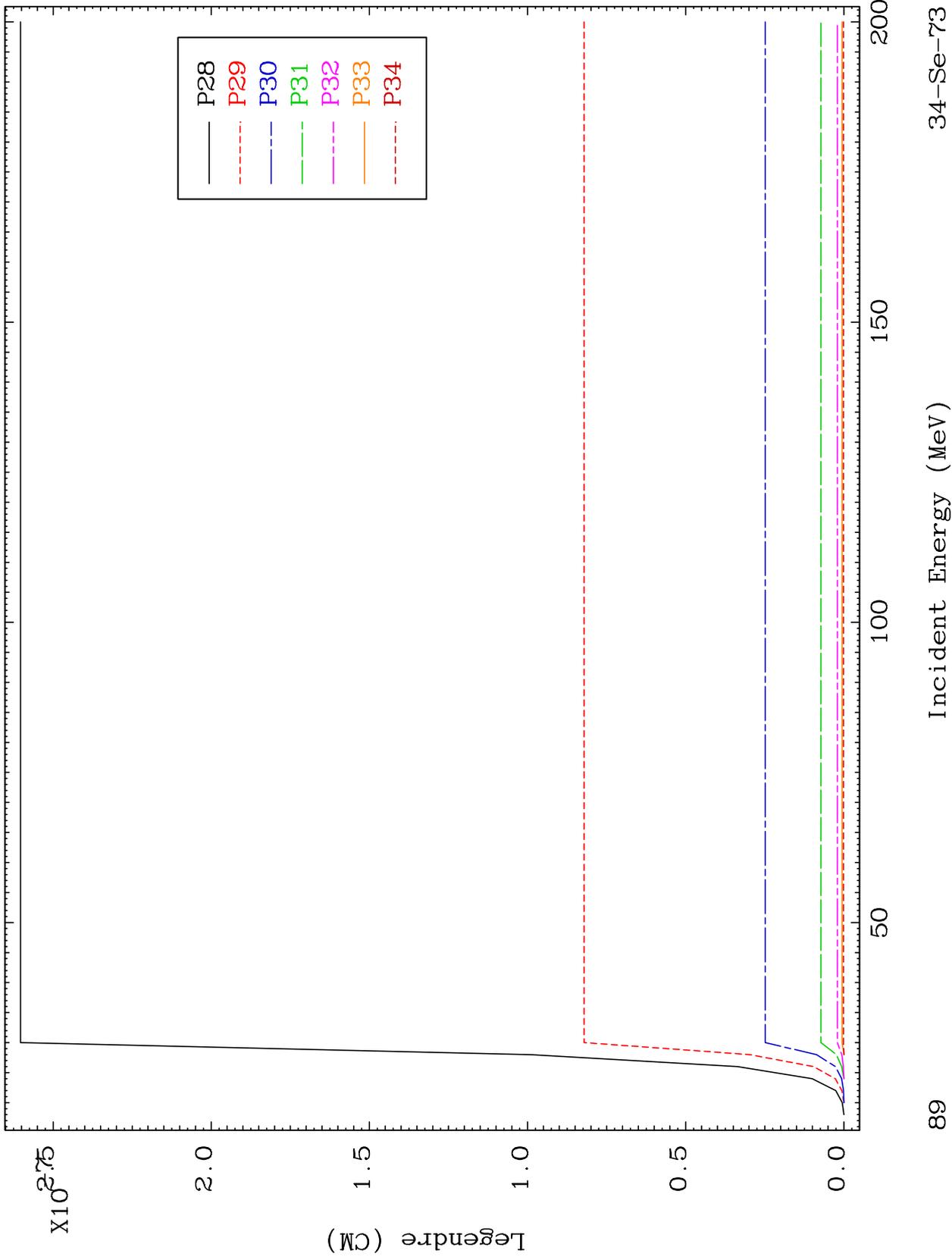
Incident Energy (MeV)

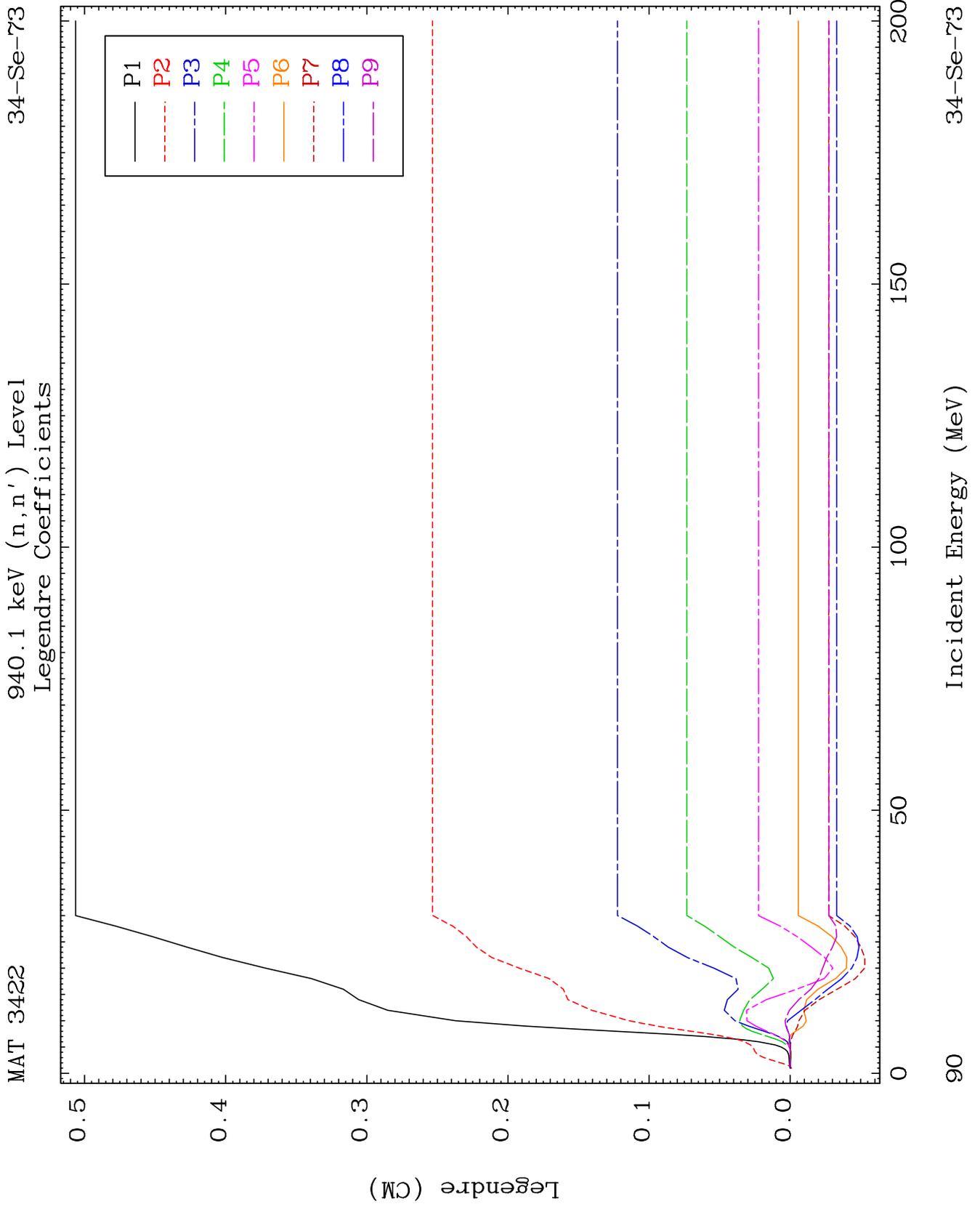
34-Se-73

MAT 3422

804.8 keV (n,n') Level
Legendre Coefficients

34-Se-73

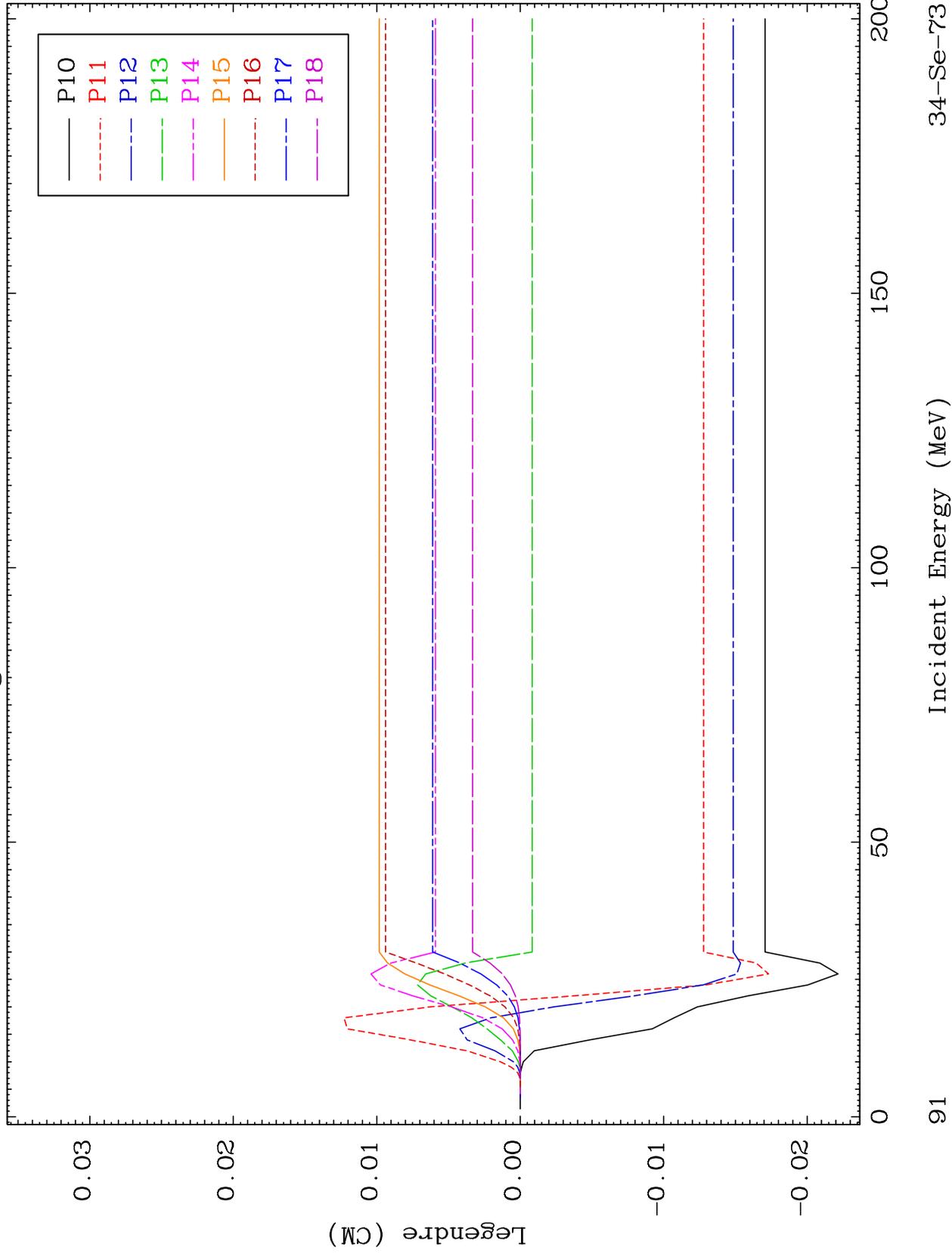




MAT 3422

940.1 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



91

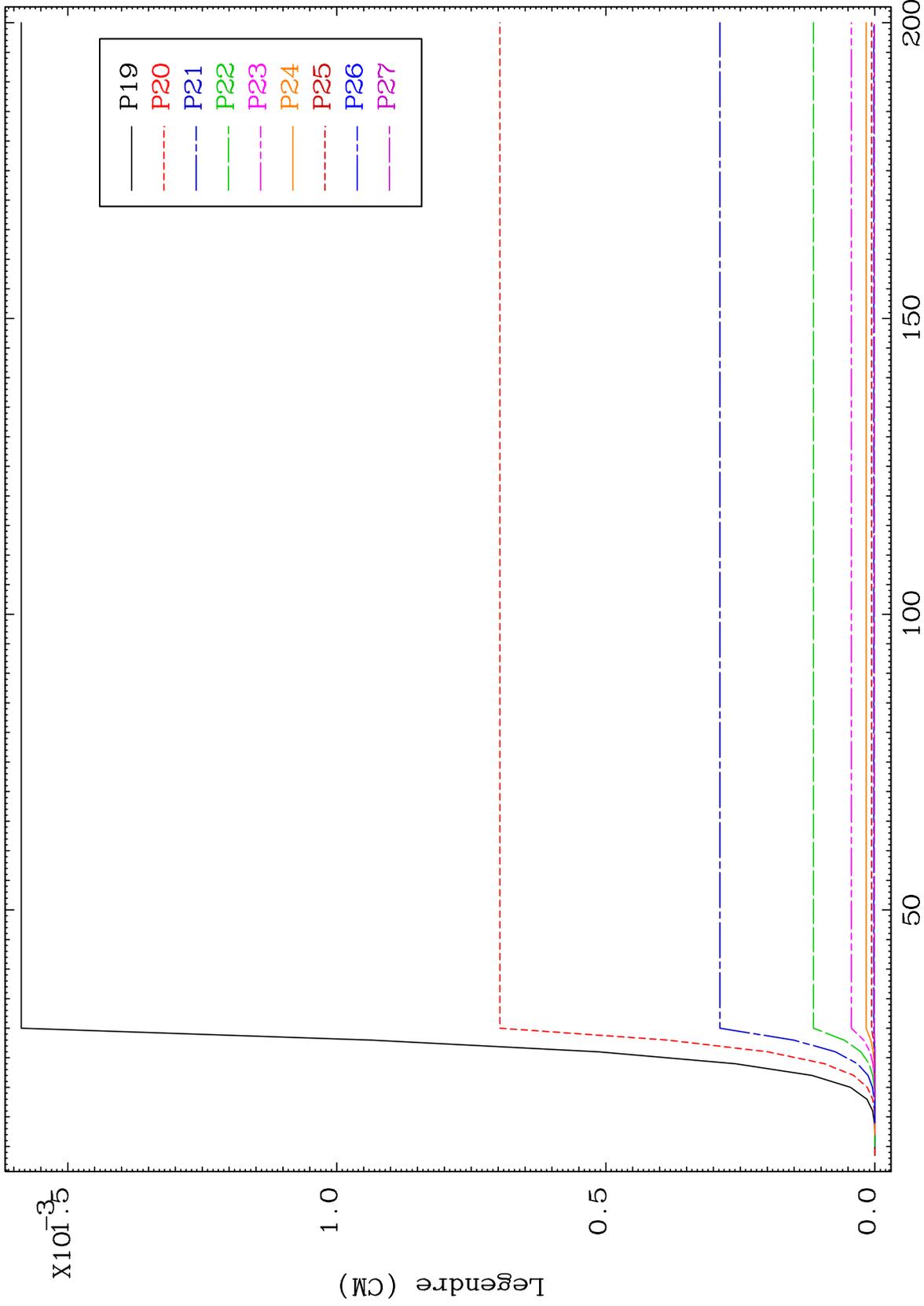
Incident Energy (MeV)

³⁴Se-73

MAT 3422

940.1 keV (n,n') Level
Legendre Coefficients

34-Se-73



92

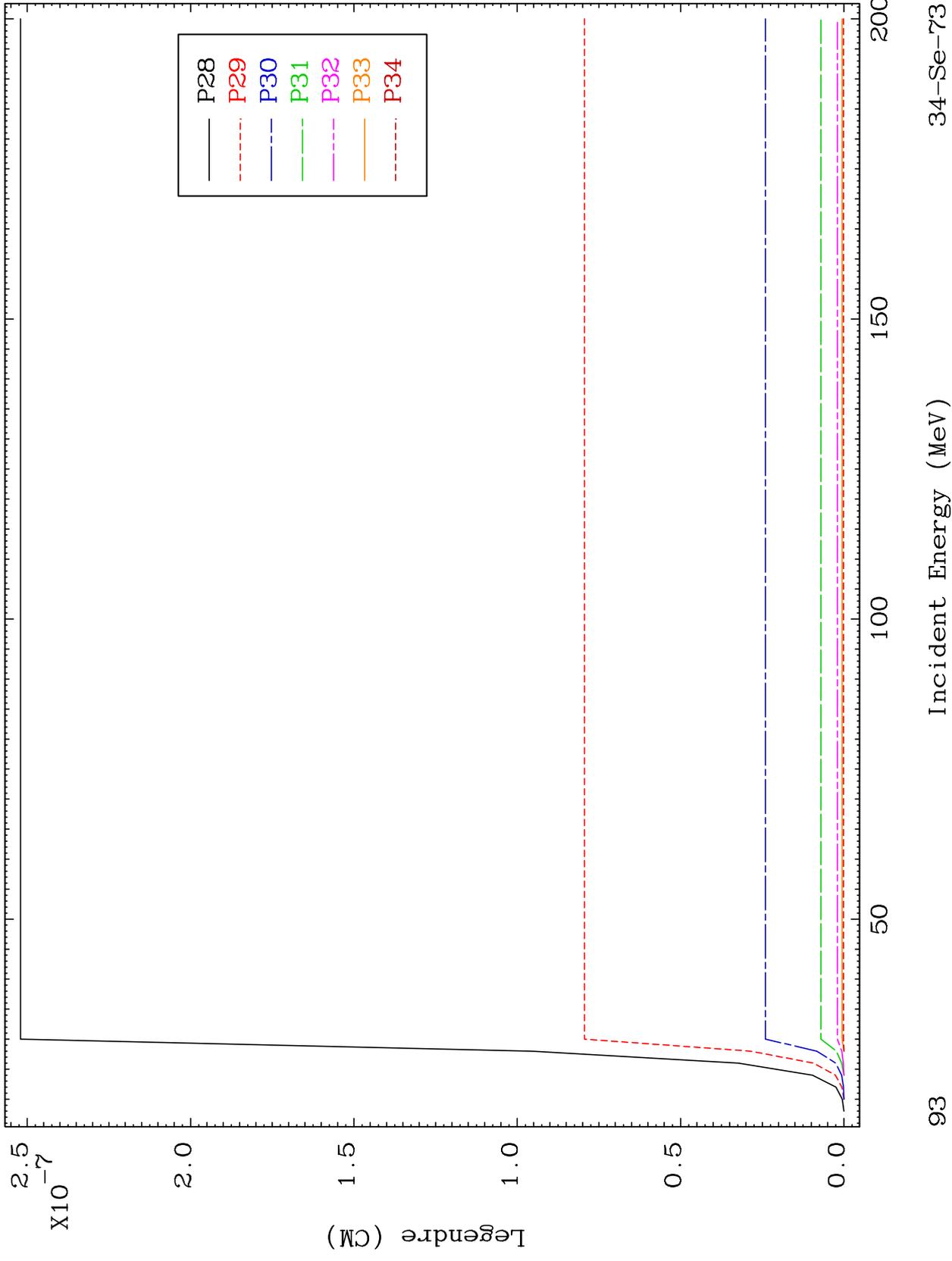
Incident Energy (MeV)

34-Se-73

MAT 3422

940.1 keV (n,n') Level
Legendre Coefficients

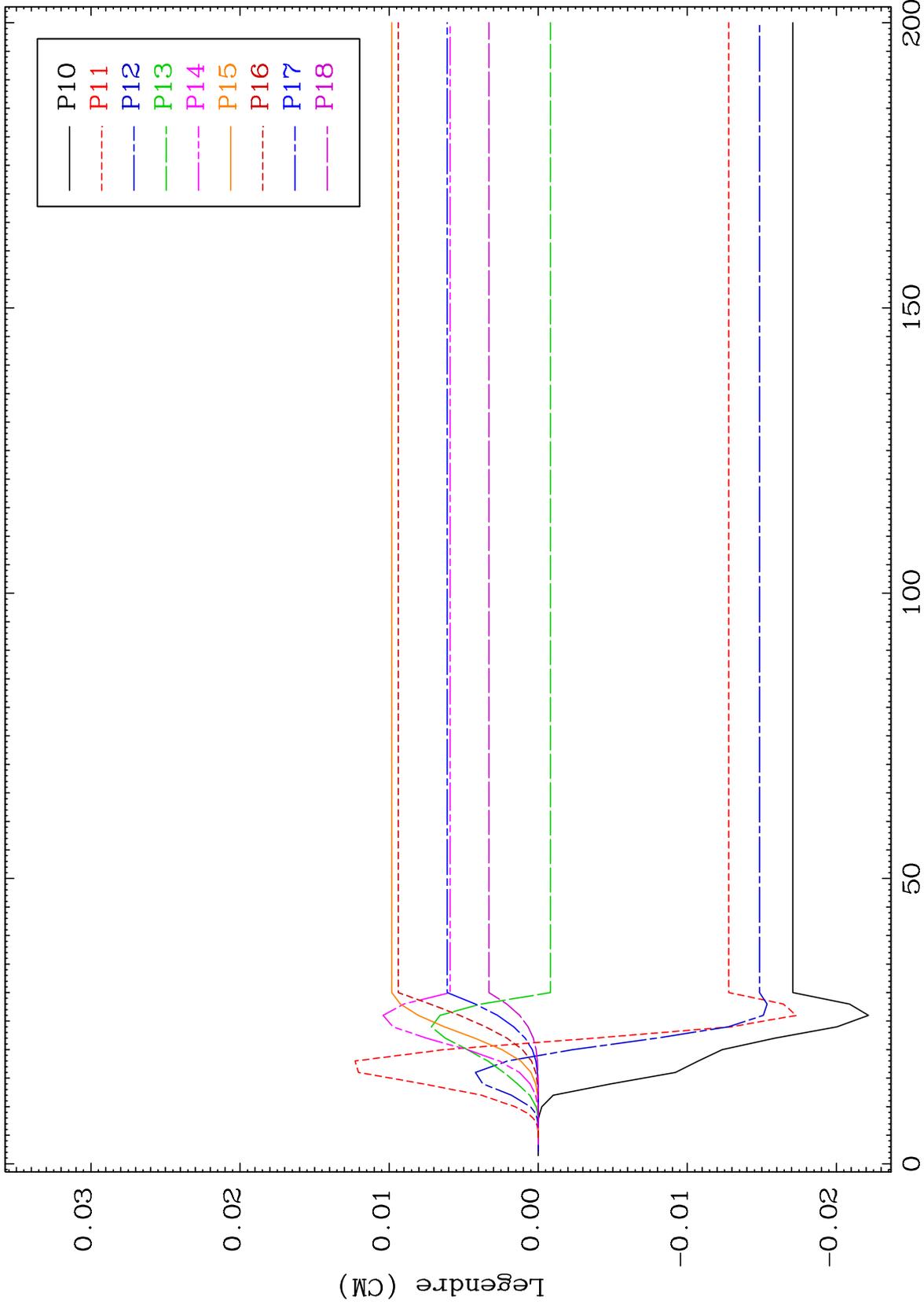
³⁴Se-73



MAT 3422

942.9 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



95

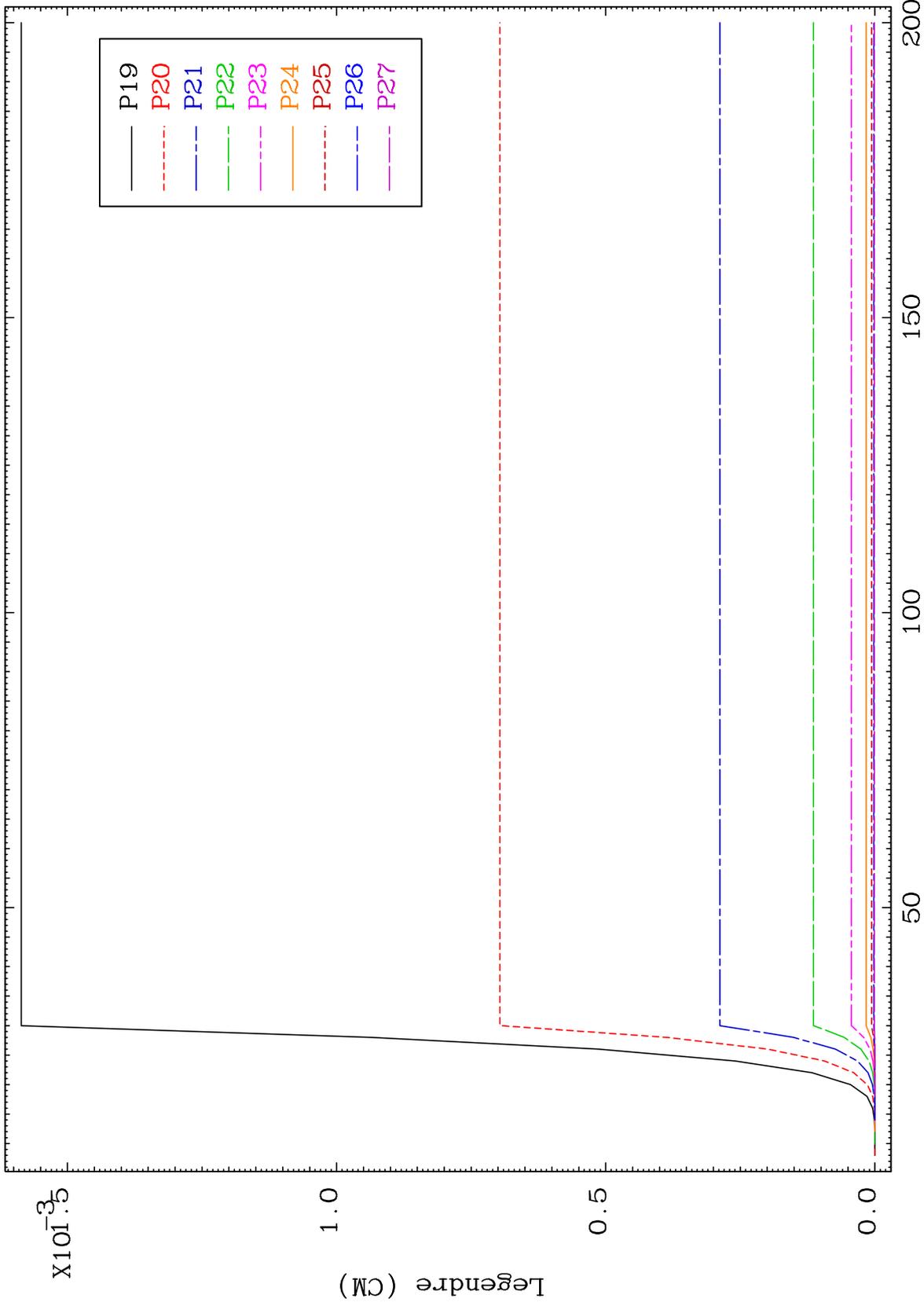
Incident Energy (MeV)

³⁴Se-73

MAT 3422

942.9 keV (n,n') Level
Legendre Coefficients

34-Se-73



96

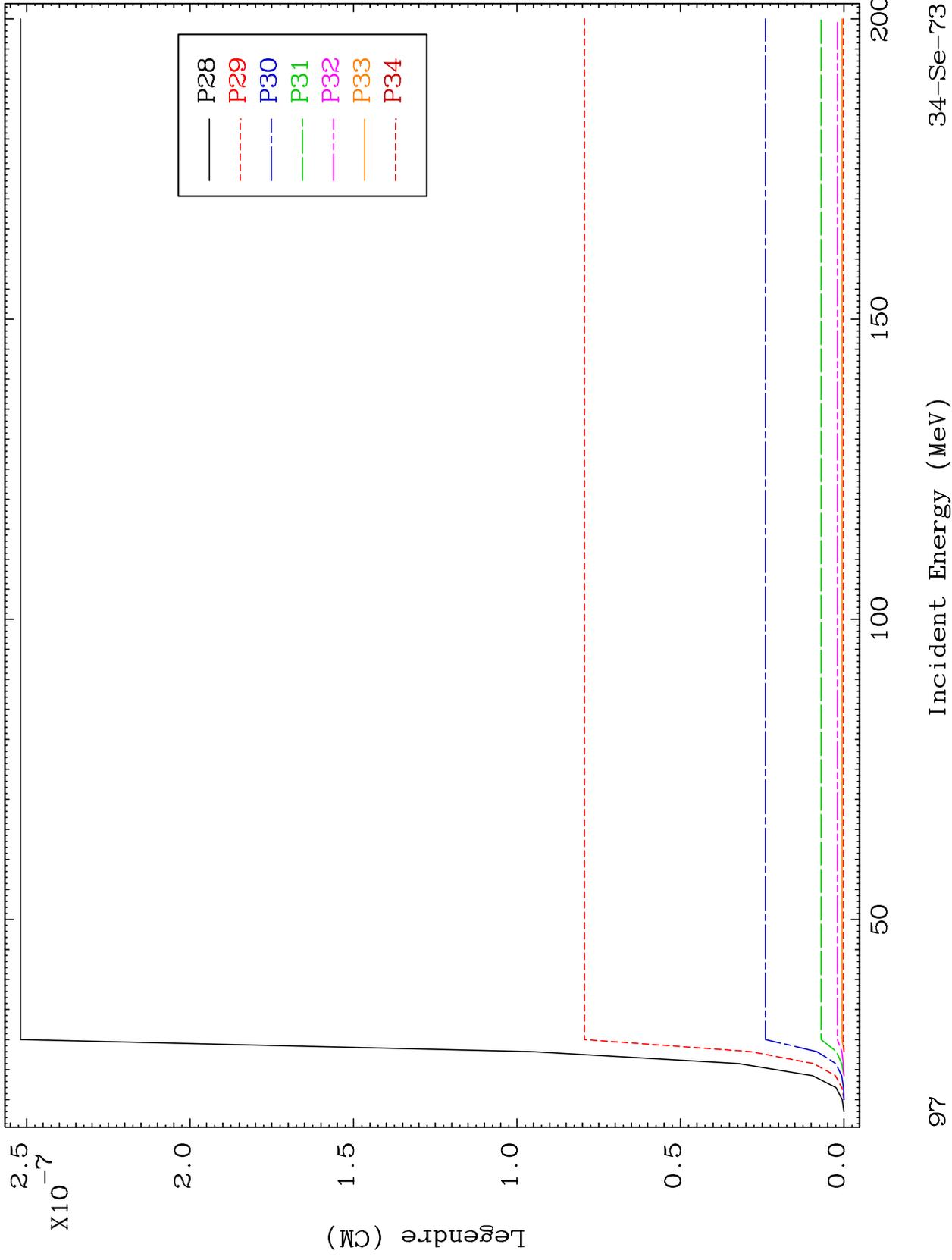
Incident Energy (MeV)

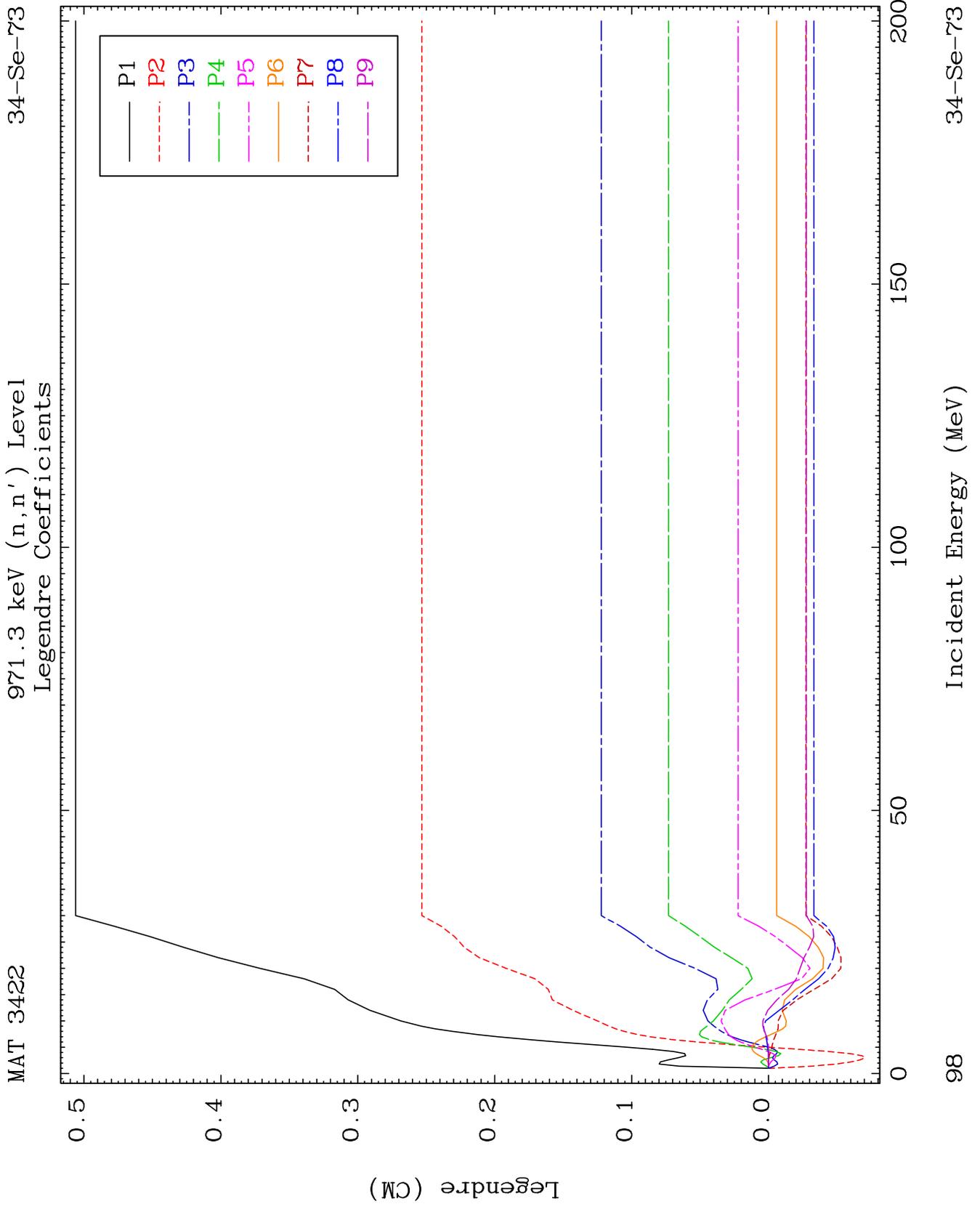
34-Se-73

MAT 3422

942.9 keV (n,n') Level
Legendre Coefficients

³⁴Se-73

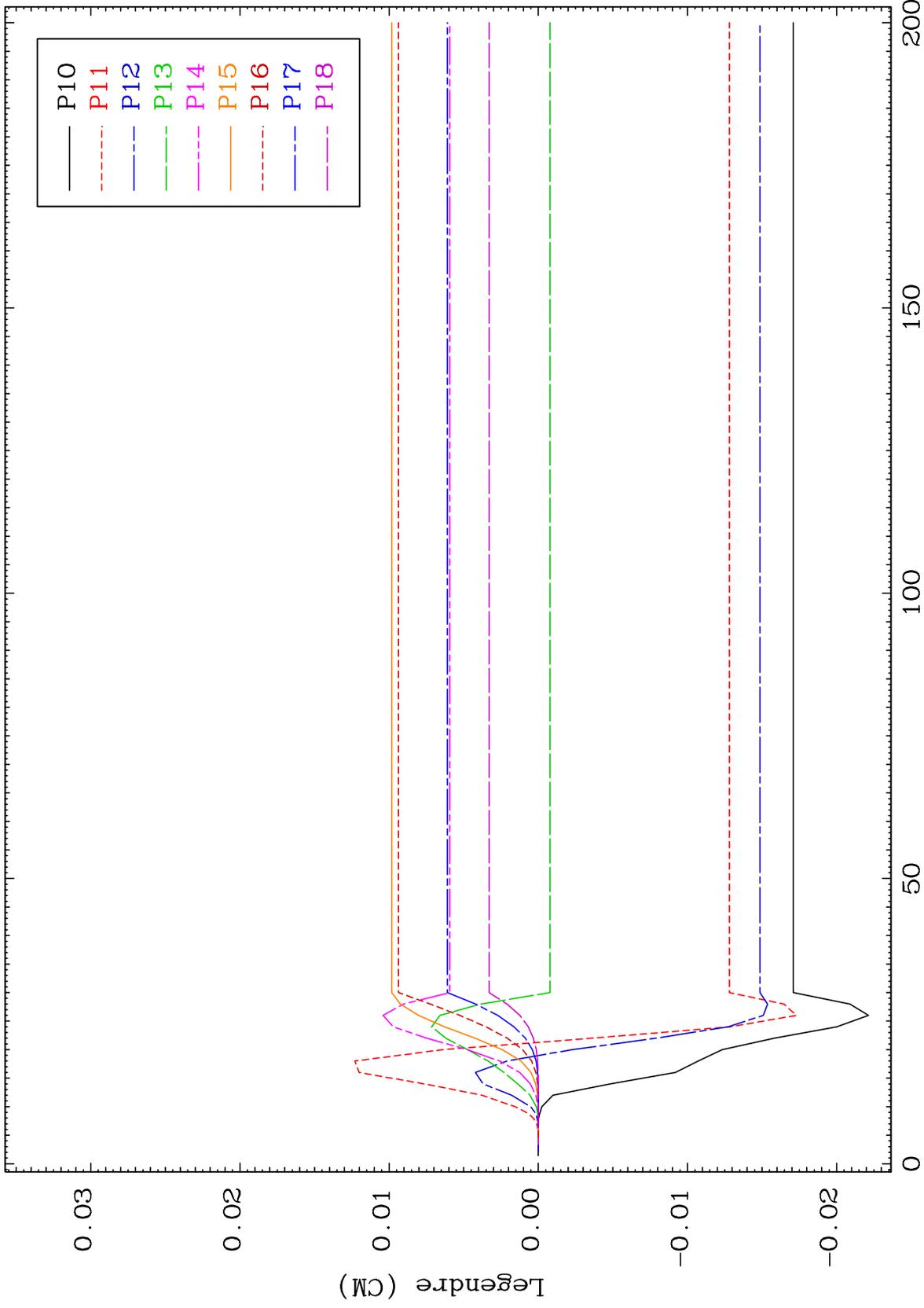




MAT 3422

971.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



99

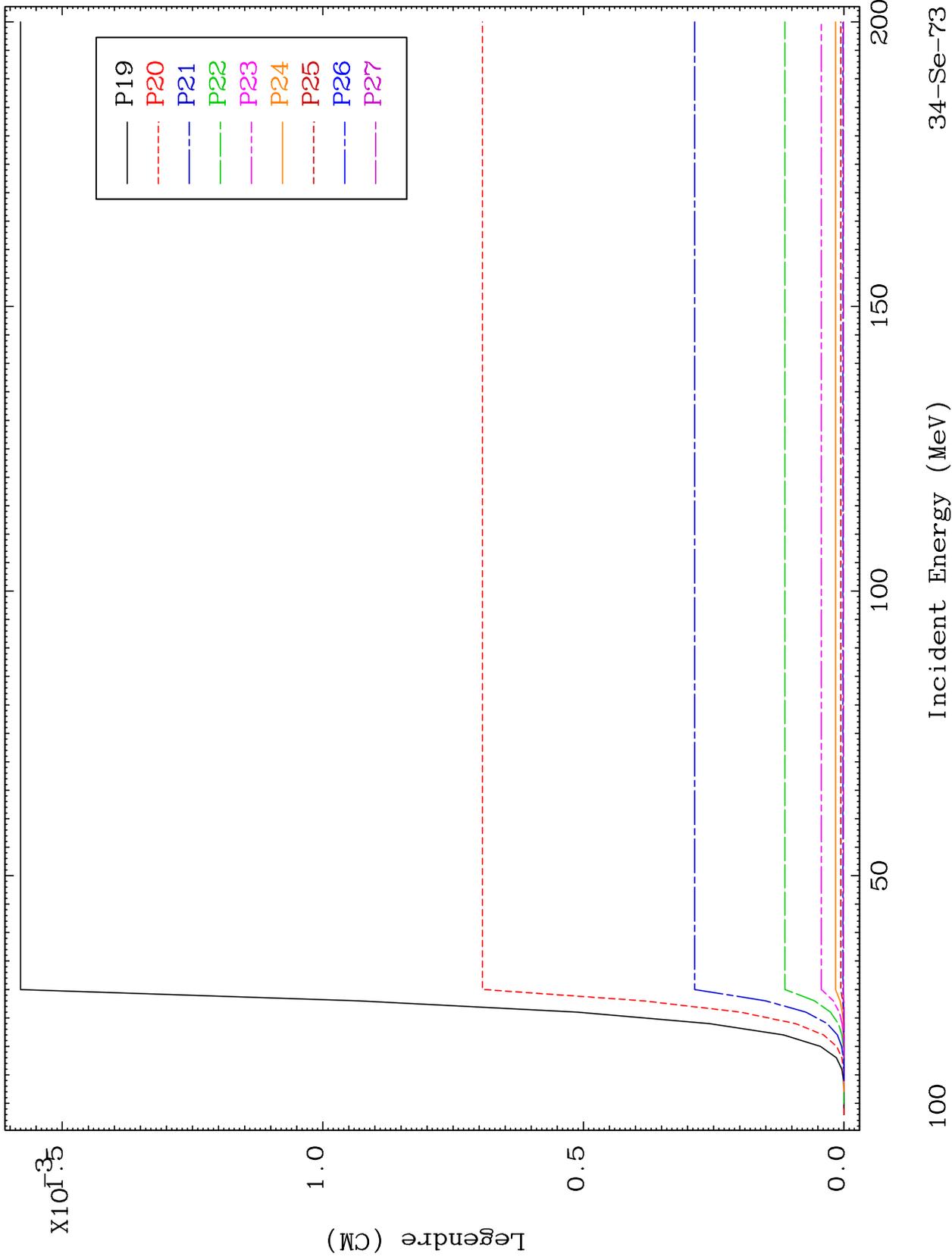
Incident Energy (MeV)

³⁴Se-73

MAT 3422

971.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73

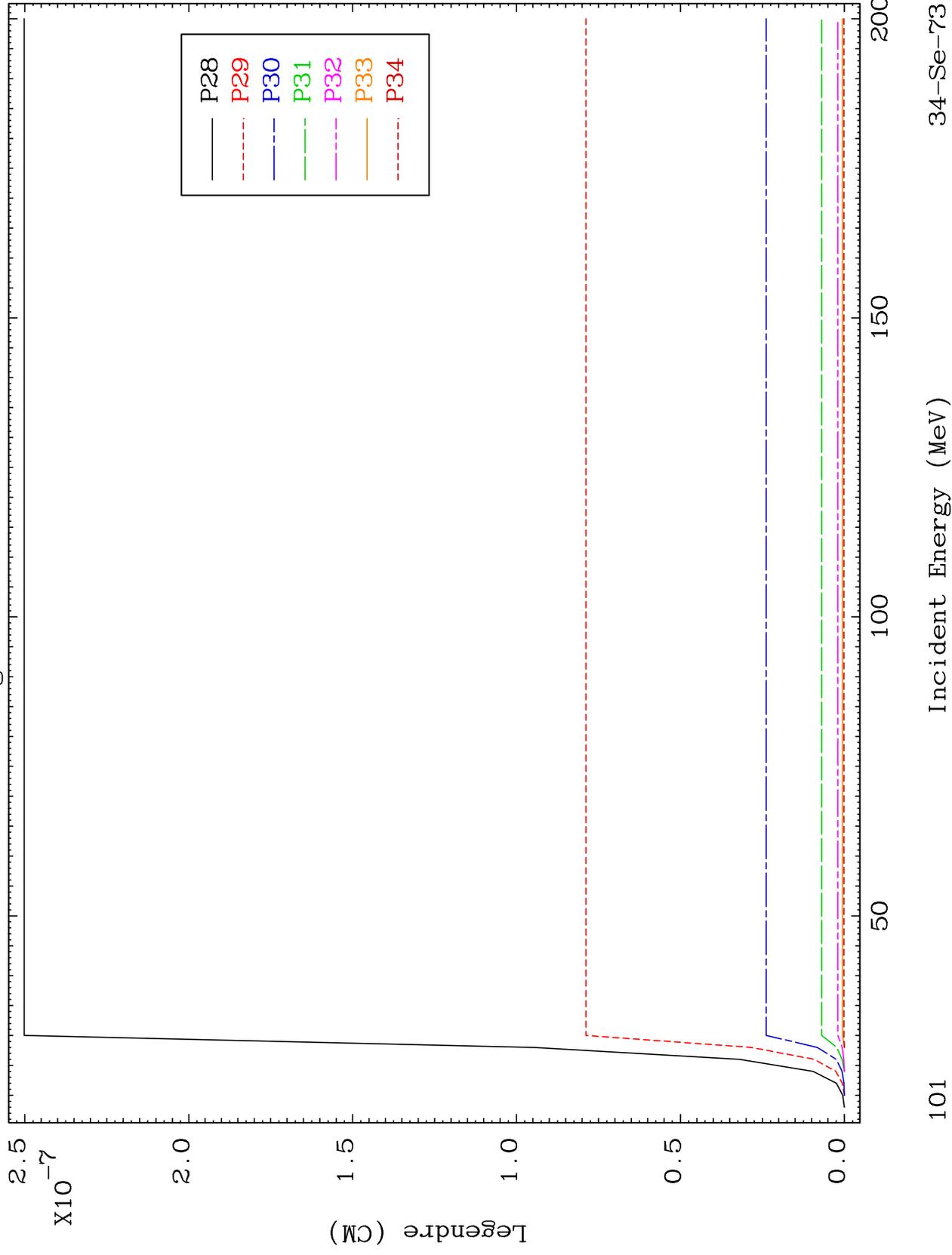


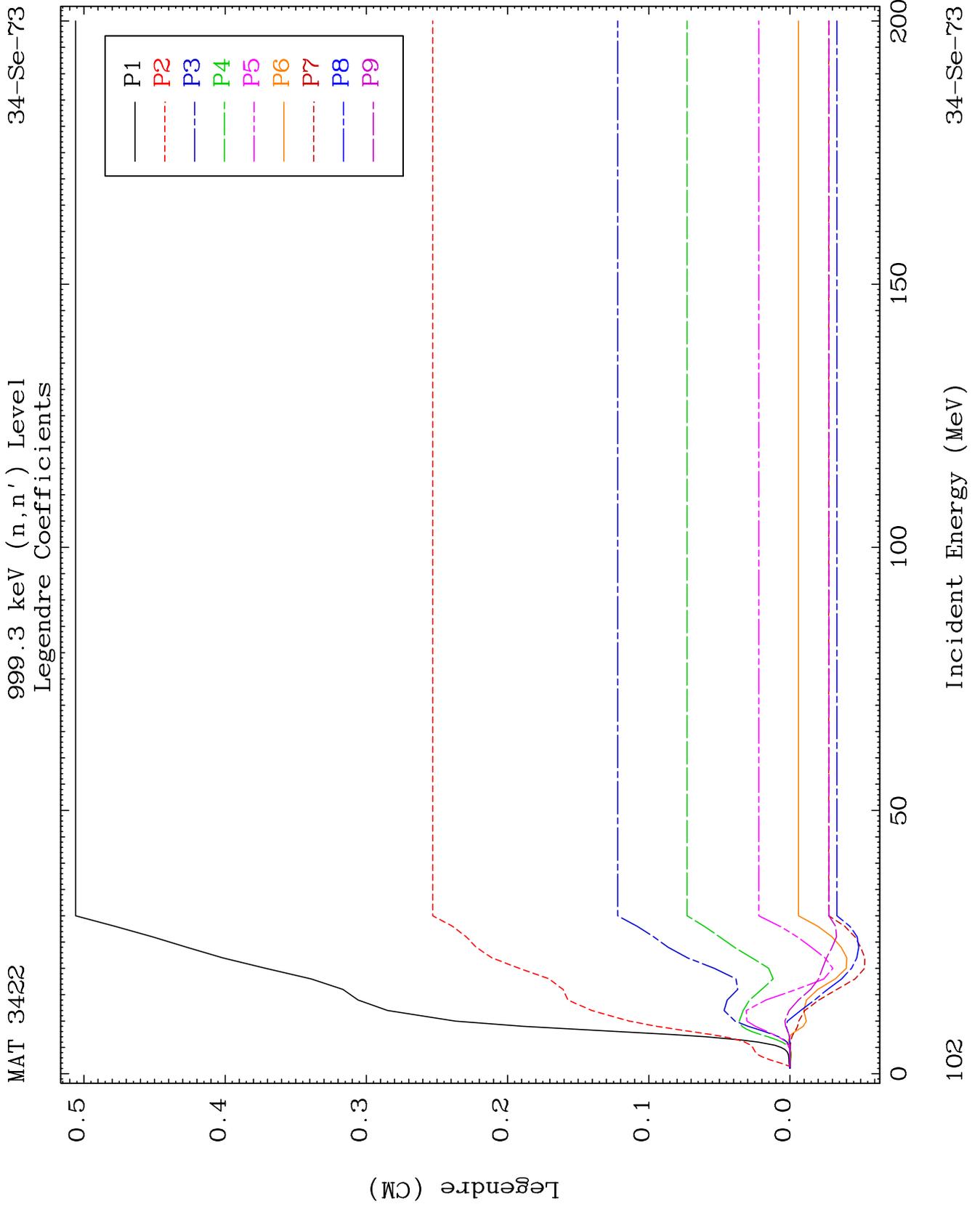
³⁴Se-73

MAT 3422

971.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73

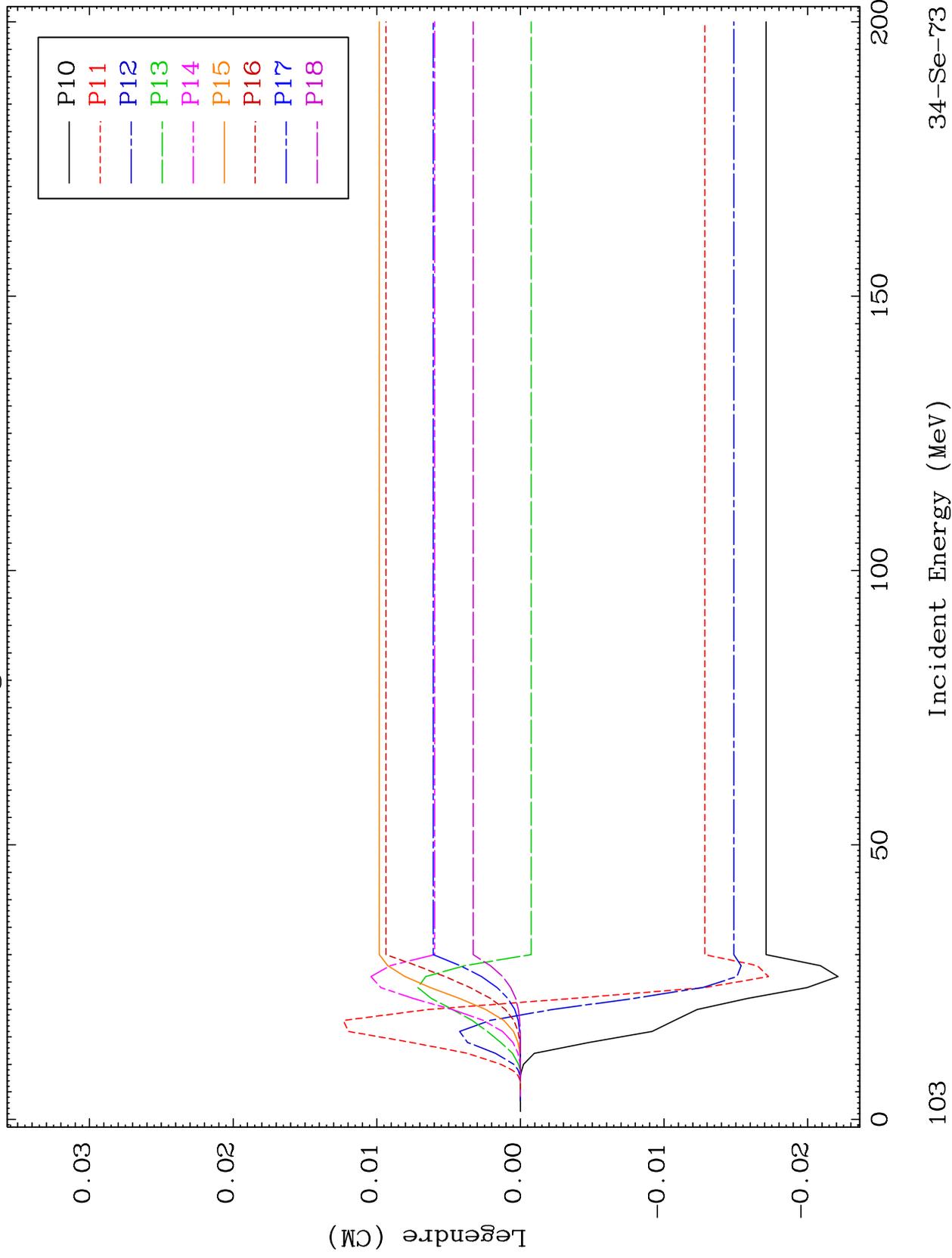




MAT 3422

999.3 keV (n,n') Level
Legendre Coefficients

³⁴Se-73



103

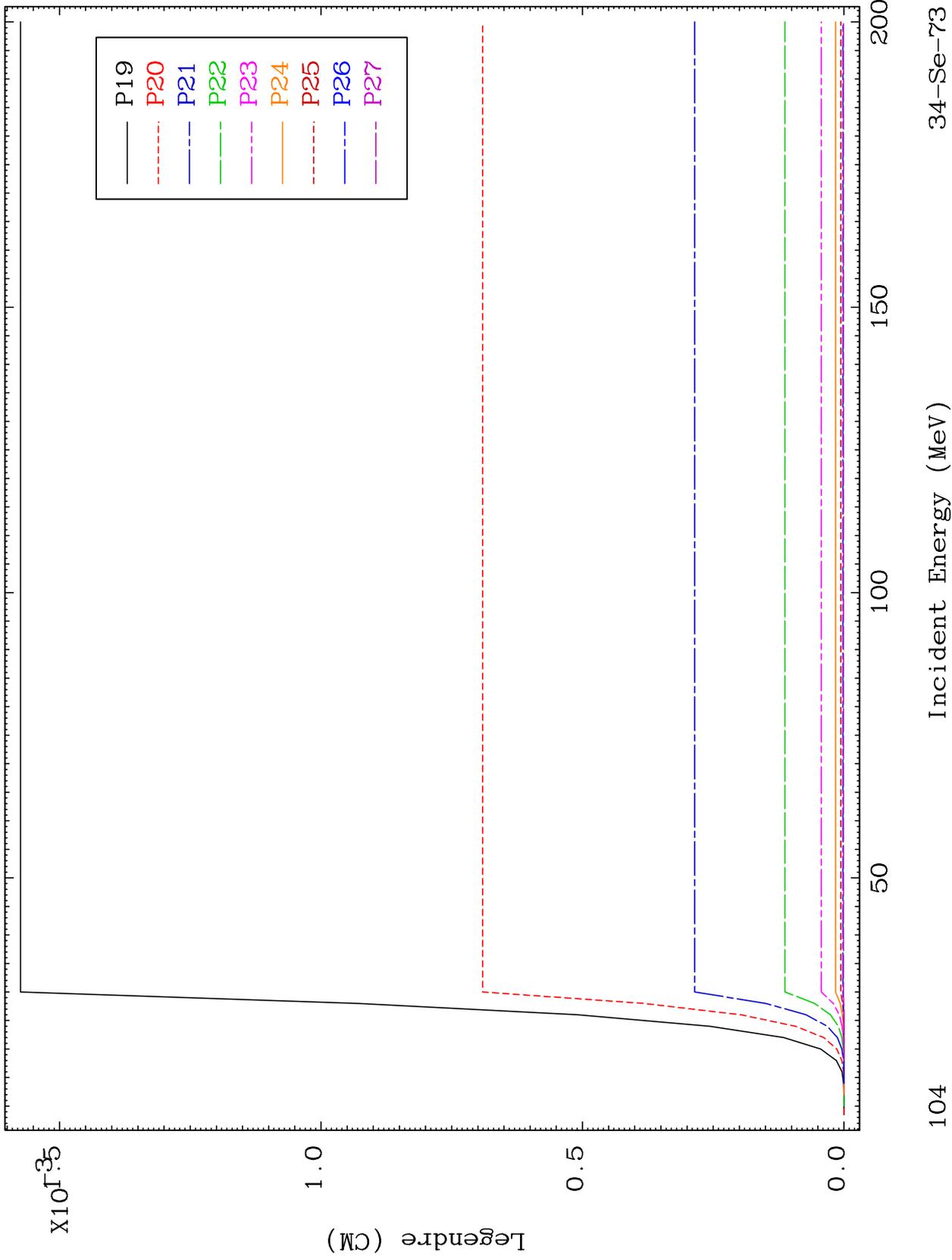
Incident Energy (MeV)

³⁴Se-73

MAT 3422

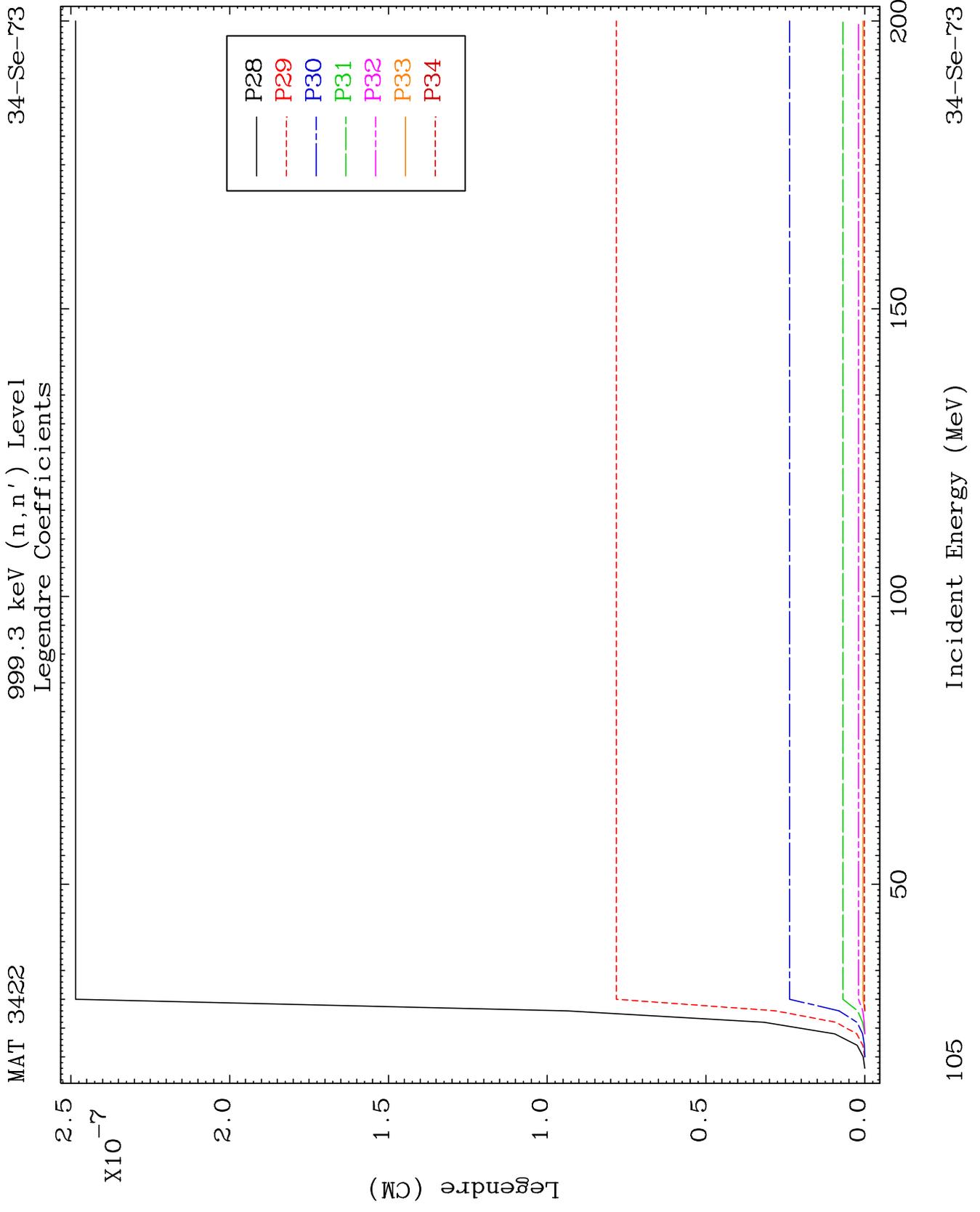
999.3 keV (n,n') Level
Legendre Coefficients

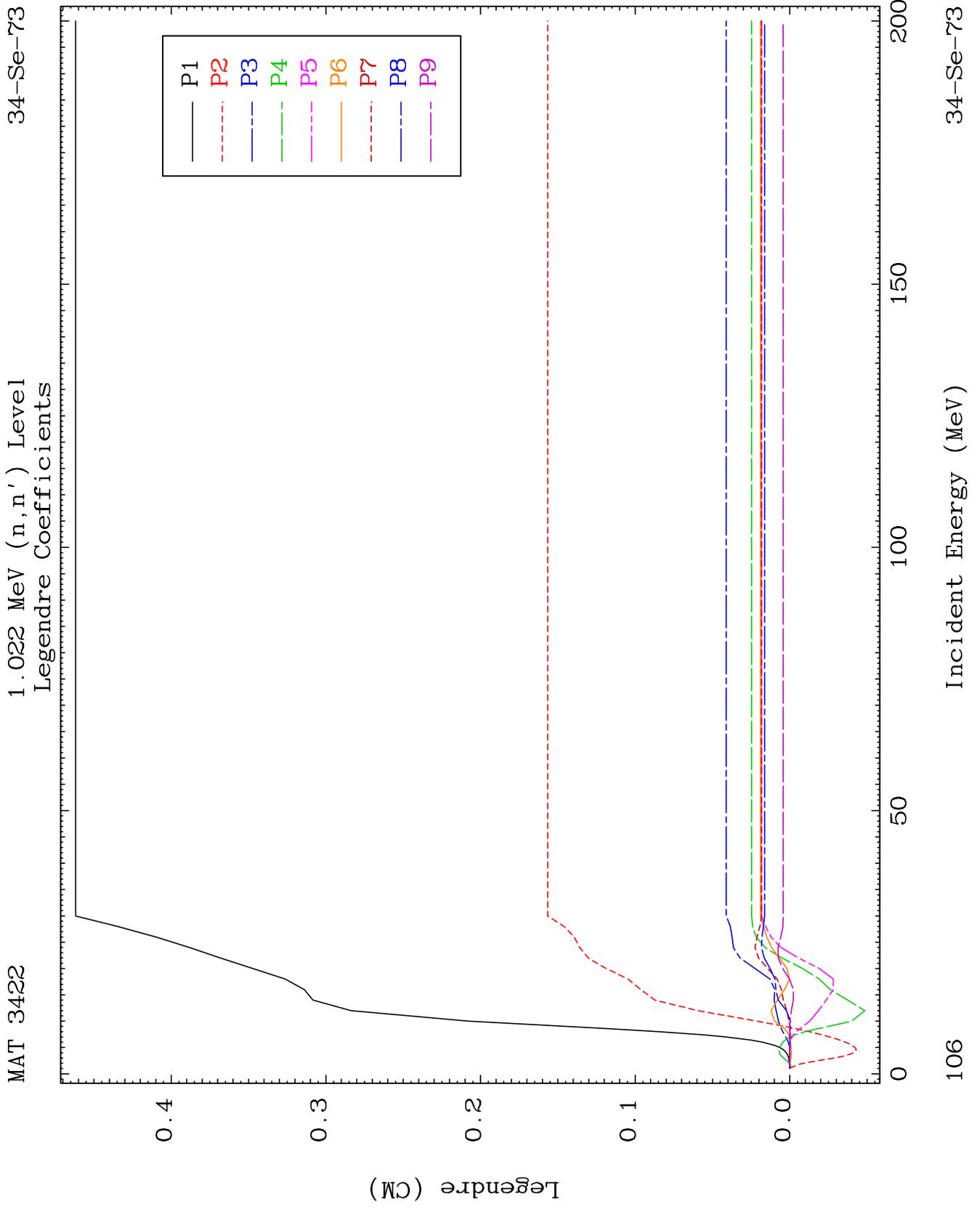
34-Se-73



104

34-Se-73

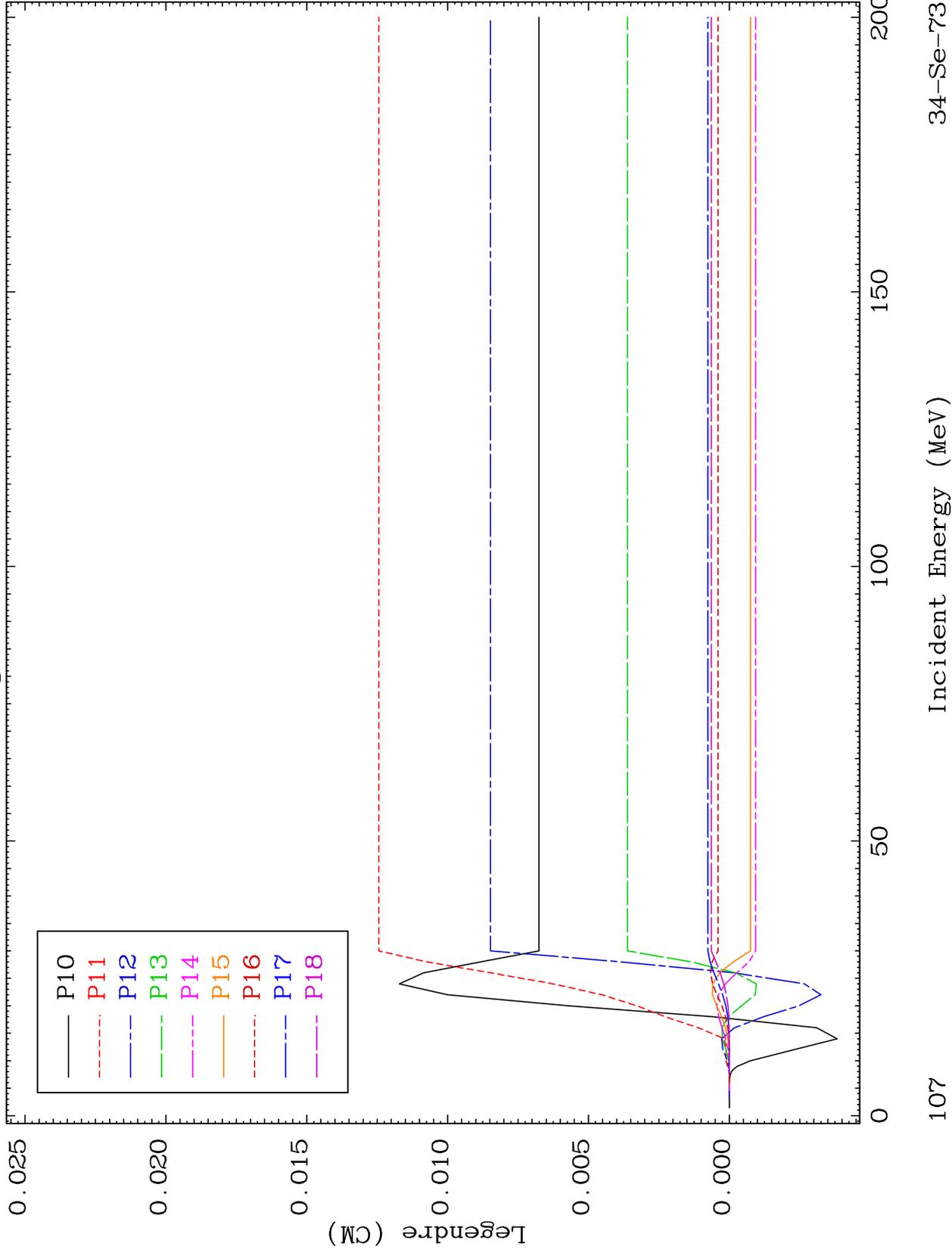




MAT 3422

1.022 MeV (n,n') Level
Legendre Coefficients

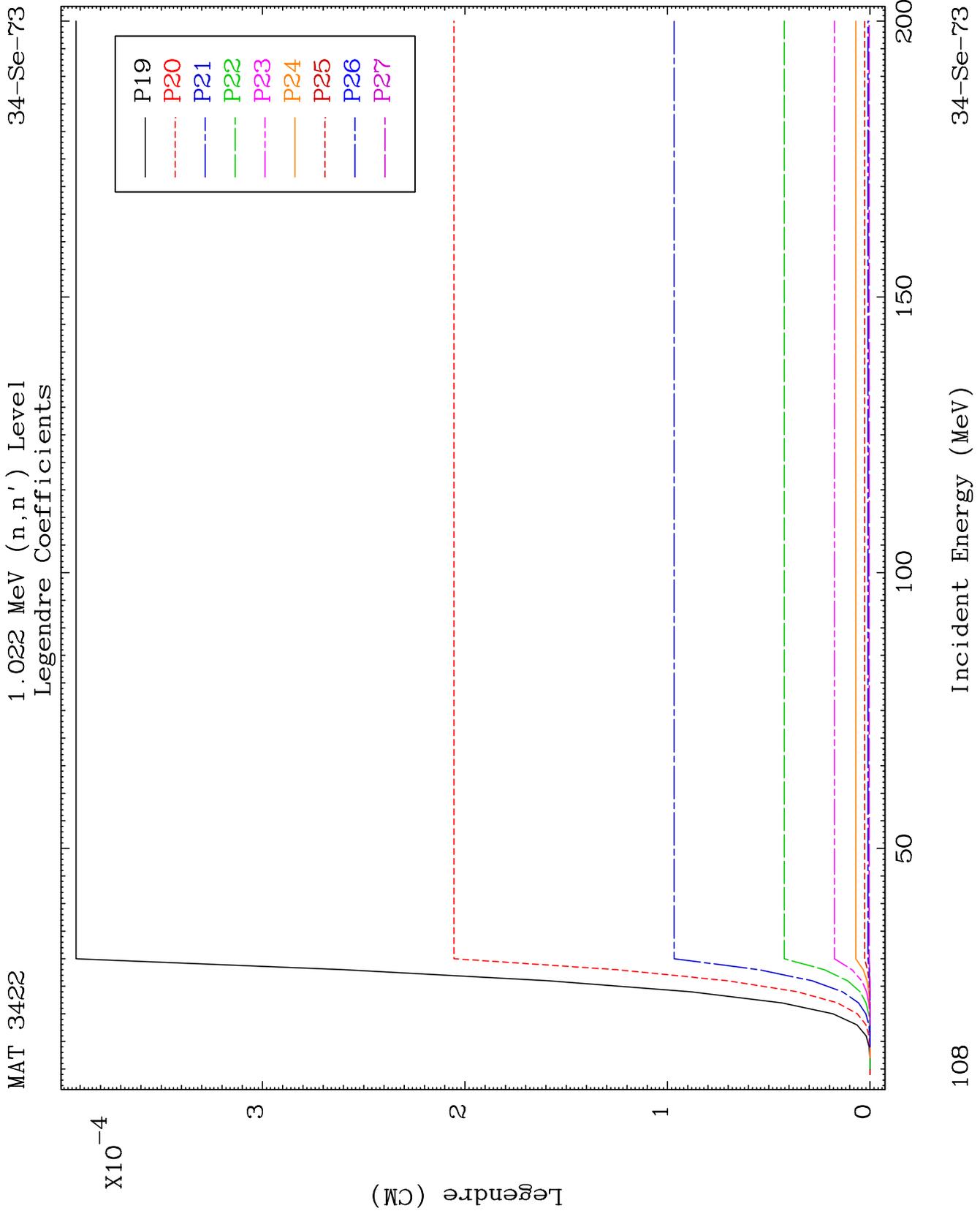
34-Se-73

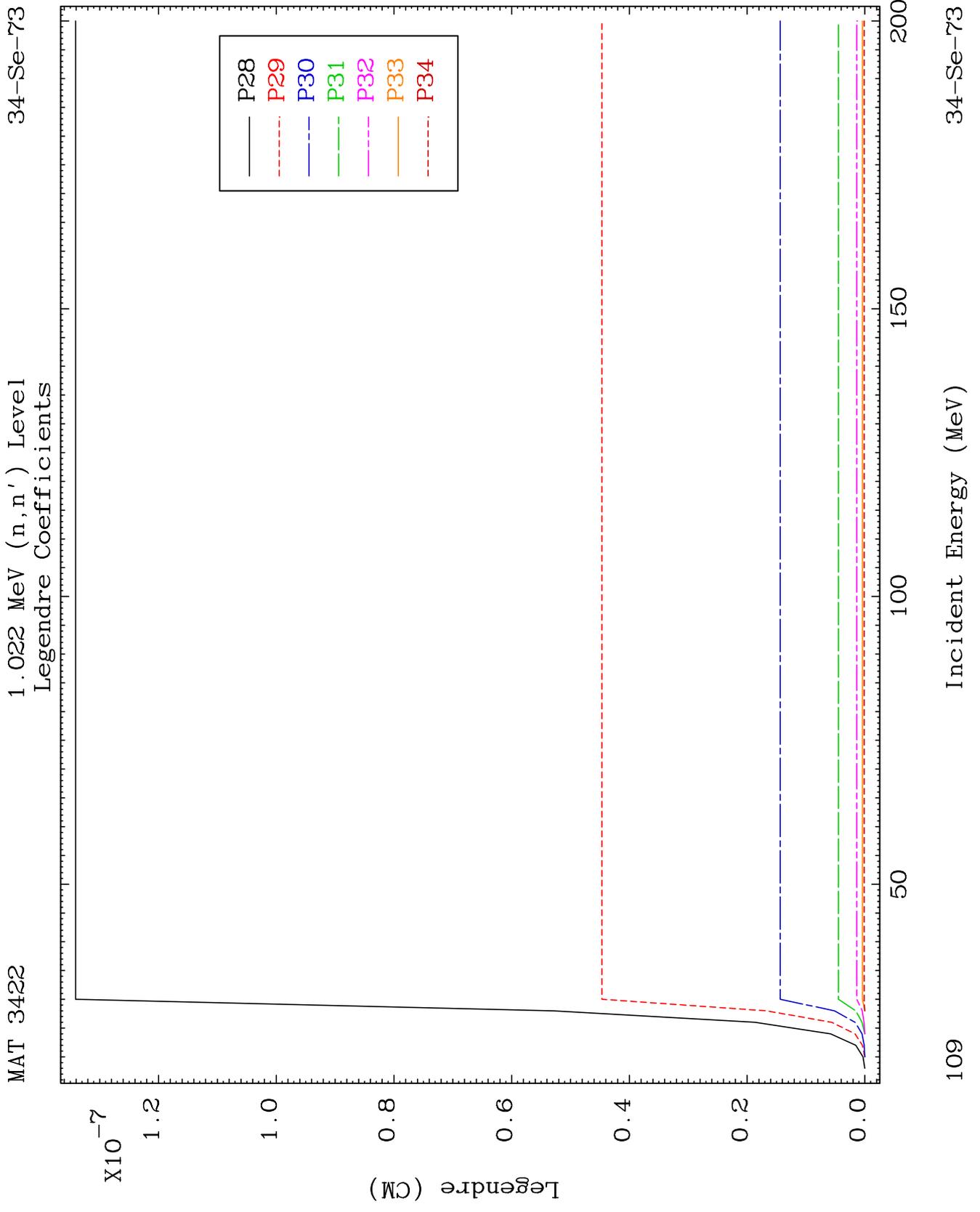


107

Incident Energy (MeV)

34-Se-73

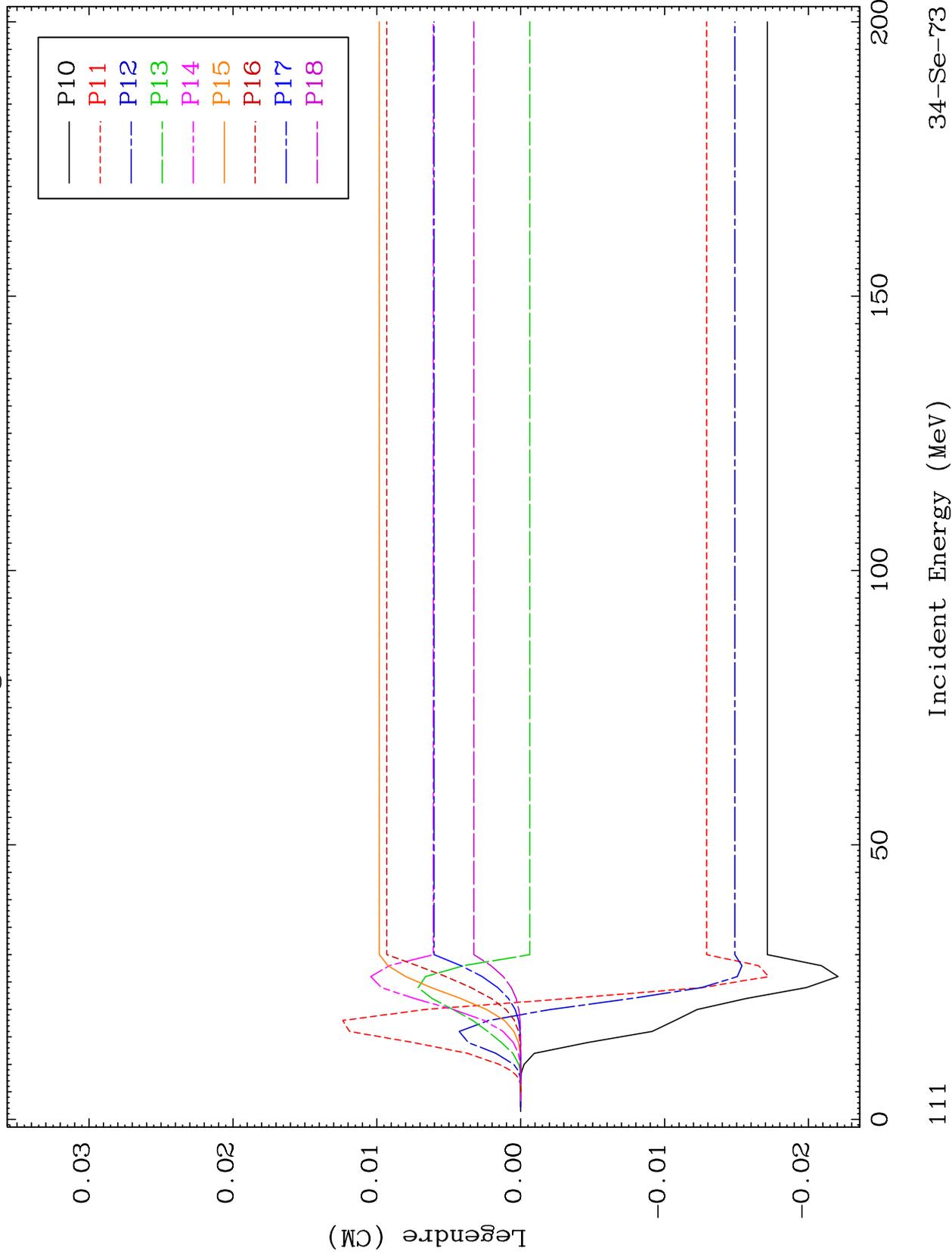




MAT 3422

1.092 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73



³⁴Se-73

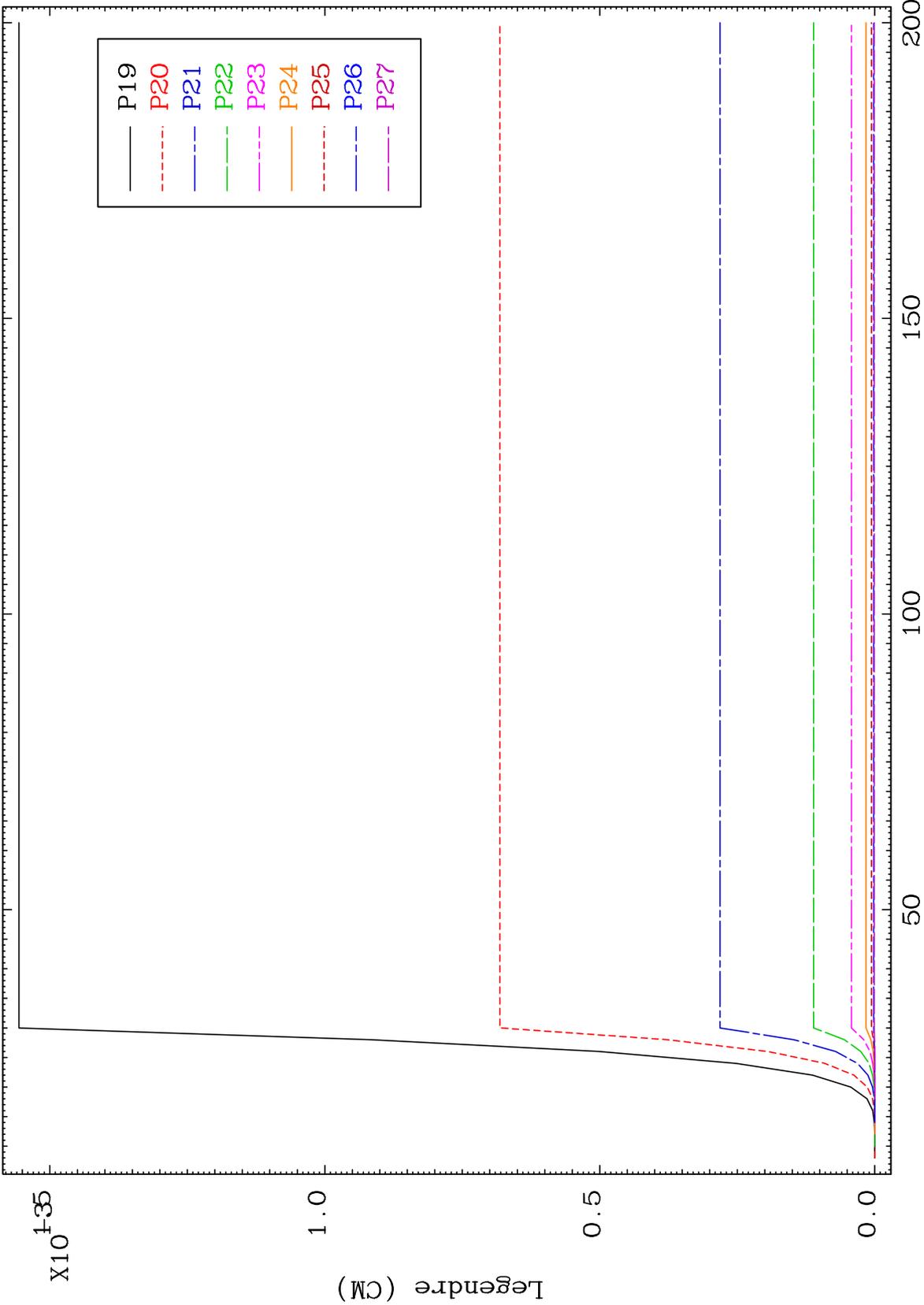
Incident Energy (MeV)

111

MAT 3422

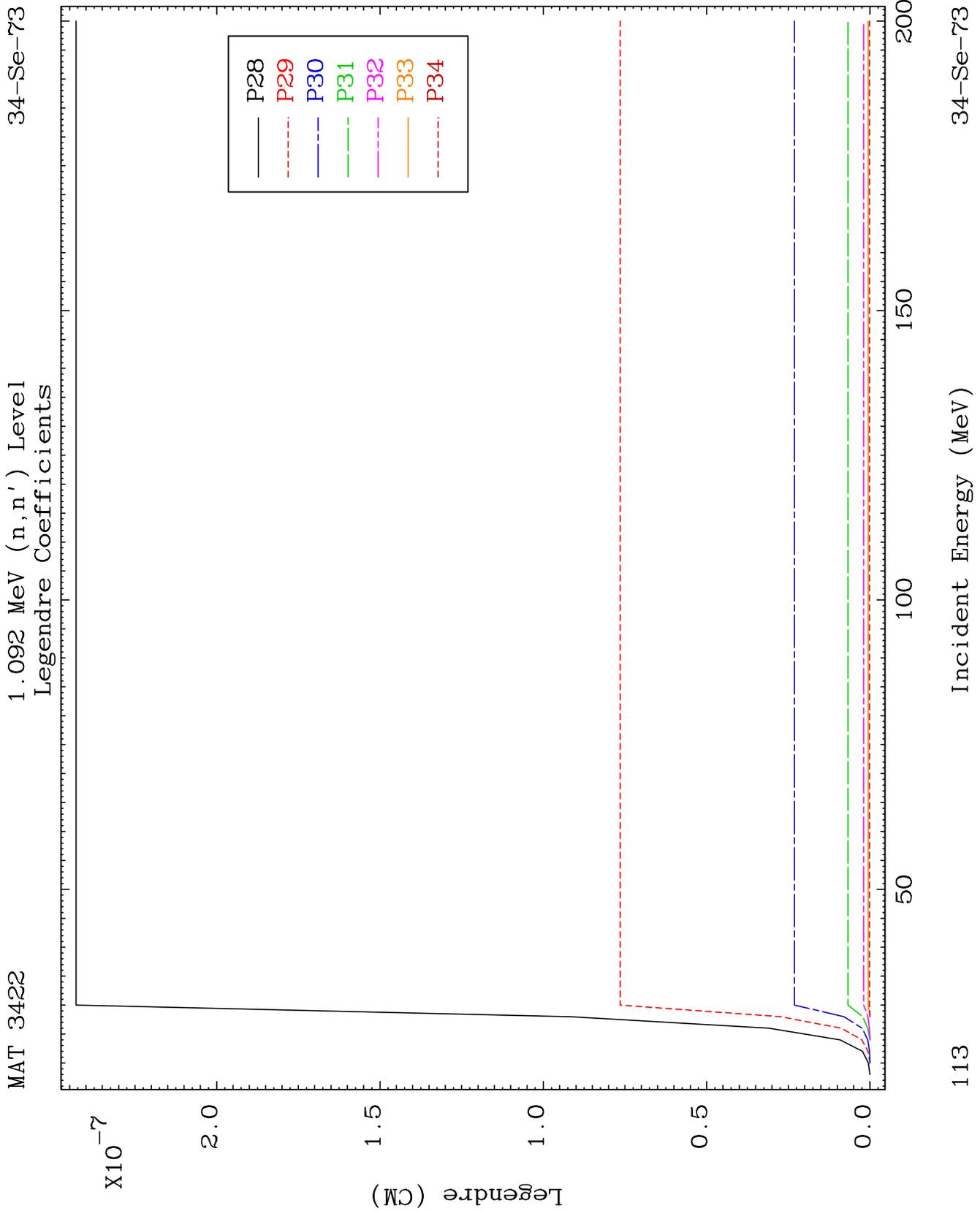
1.092 MeV (n,n') Level
Legendre Coefficients

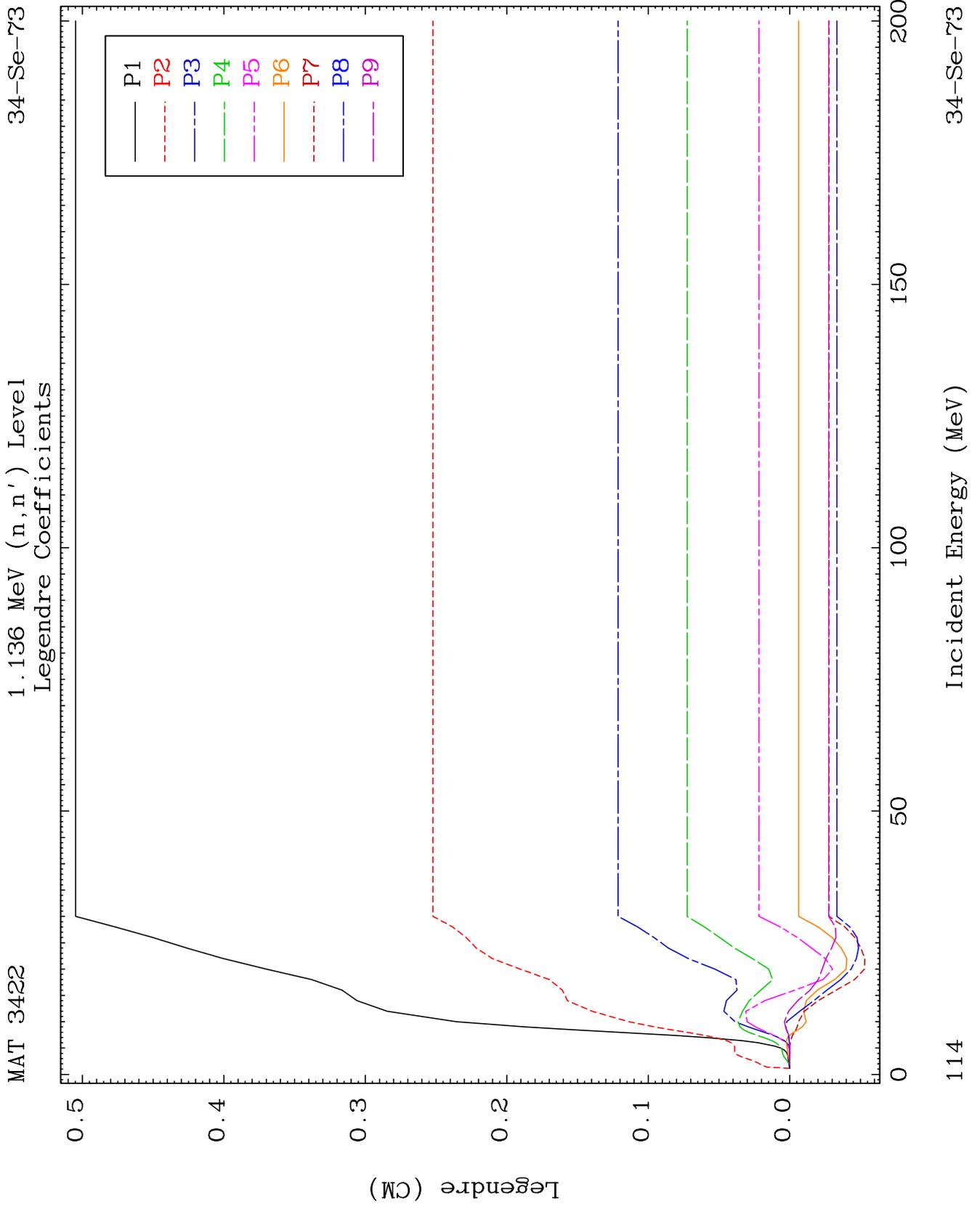
34-Se-73



112

34-Se-73

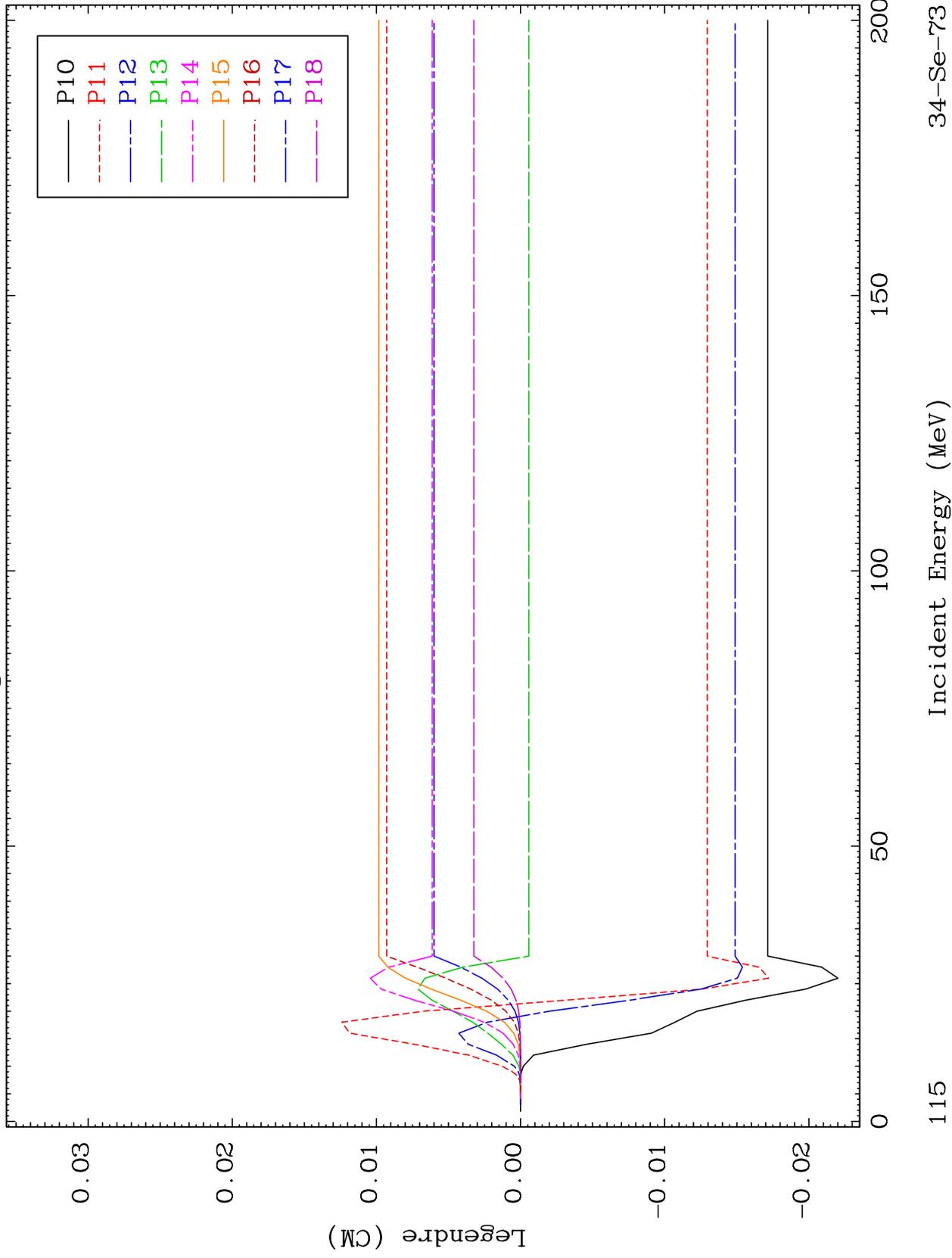




MAT 3422

1.136 MeV (n,n') Level
Legendre Coefficients

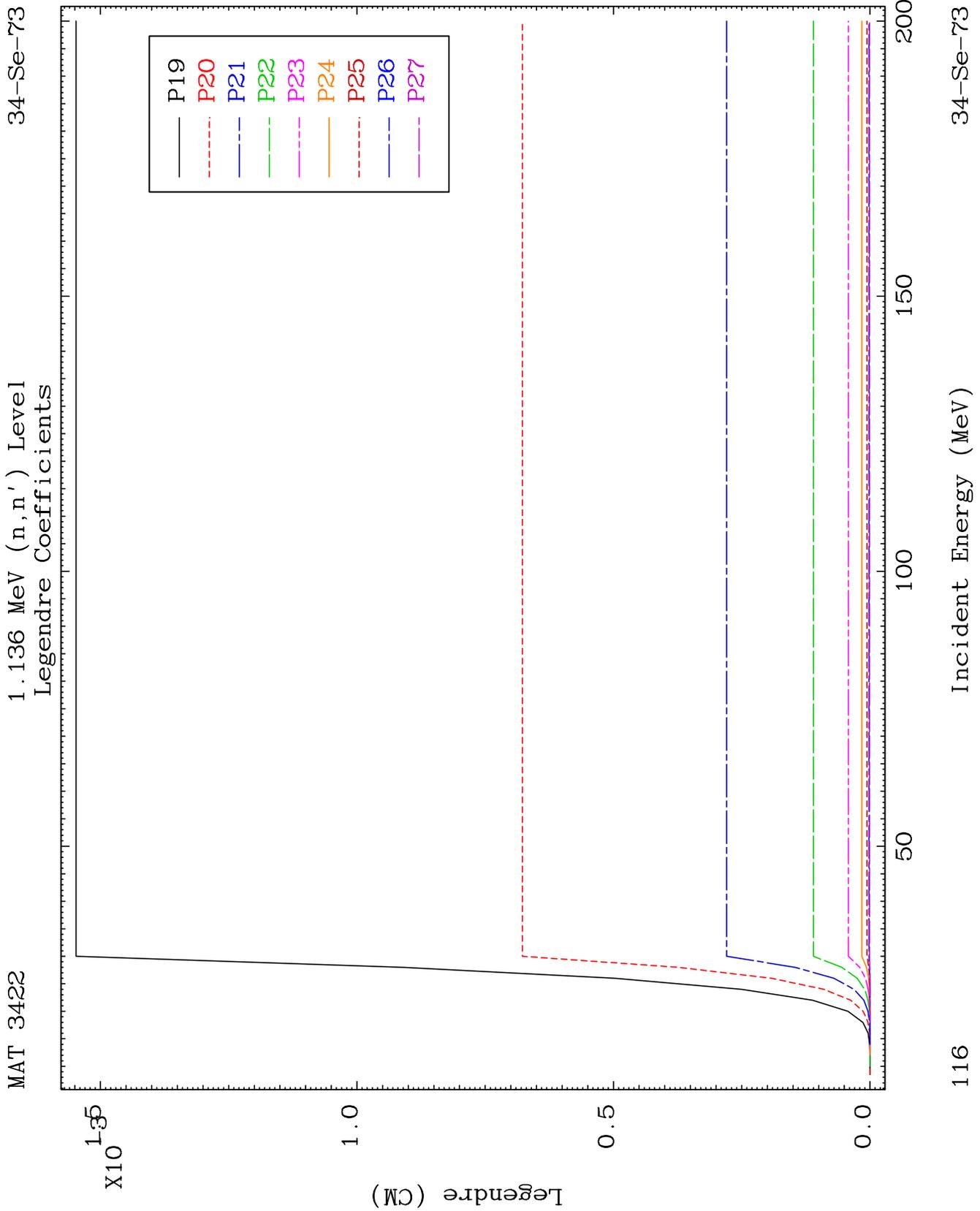
³⁴Se-73



115

Incident Energy (MeV)

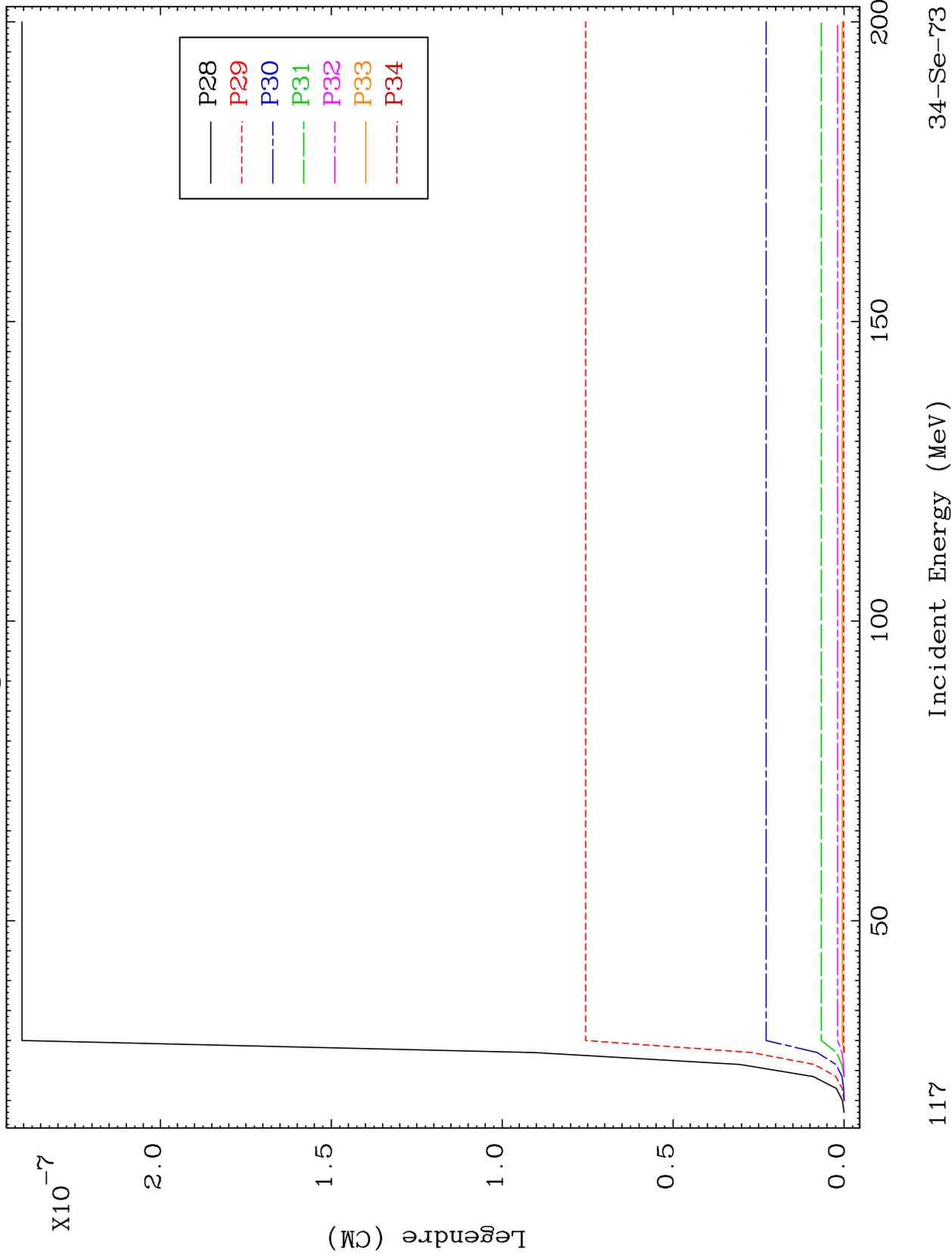
³⁴Se-73



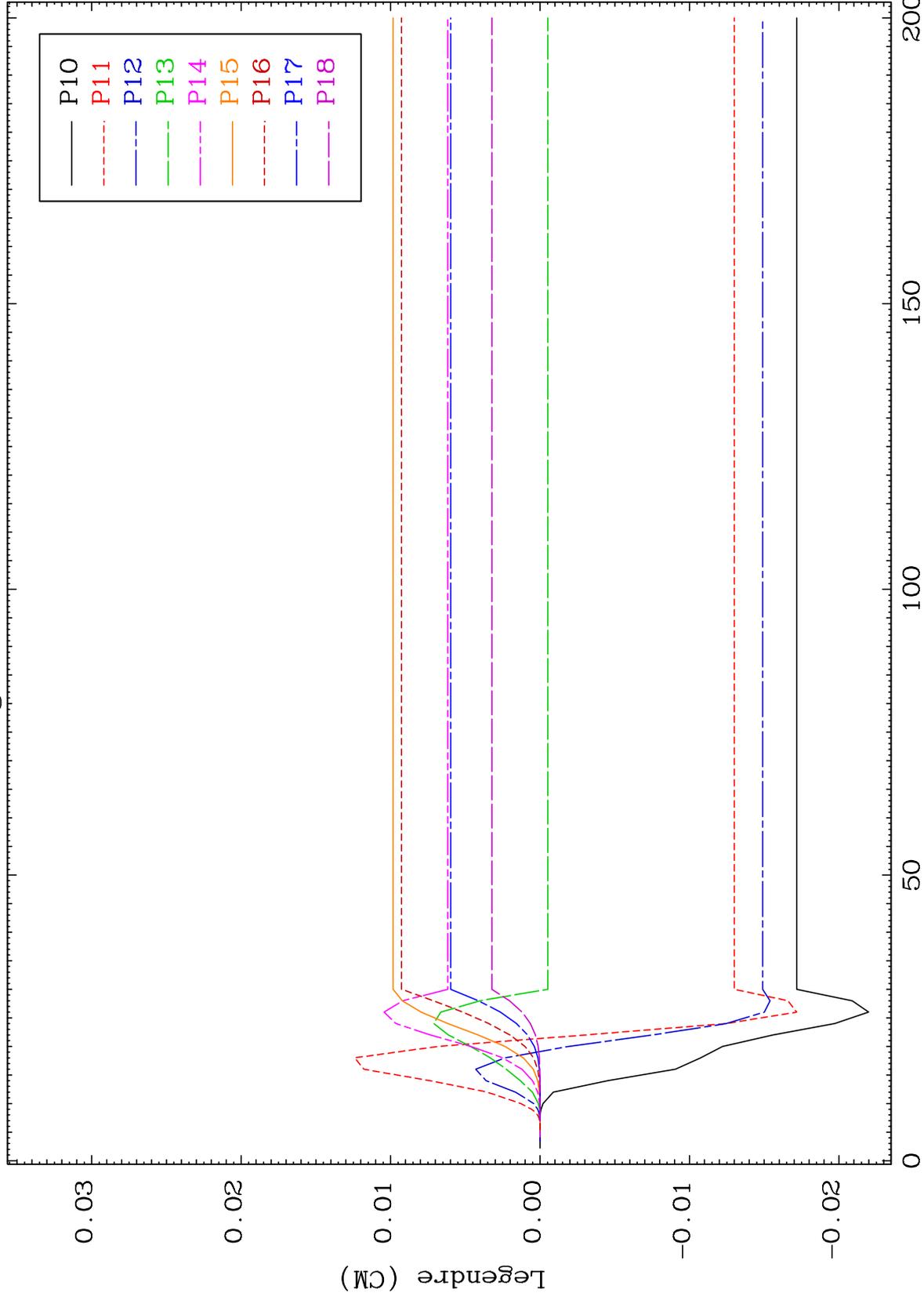
MAT 3422

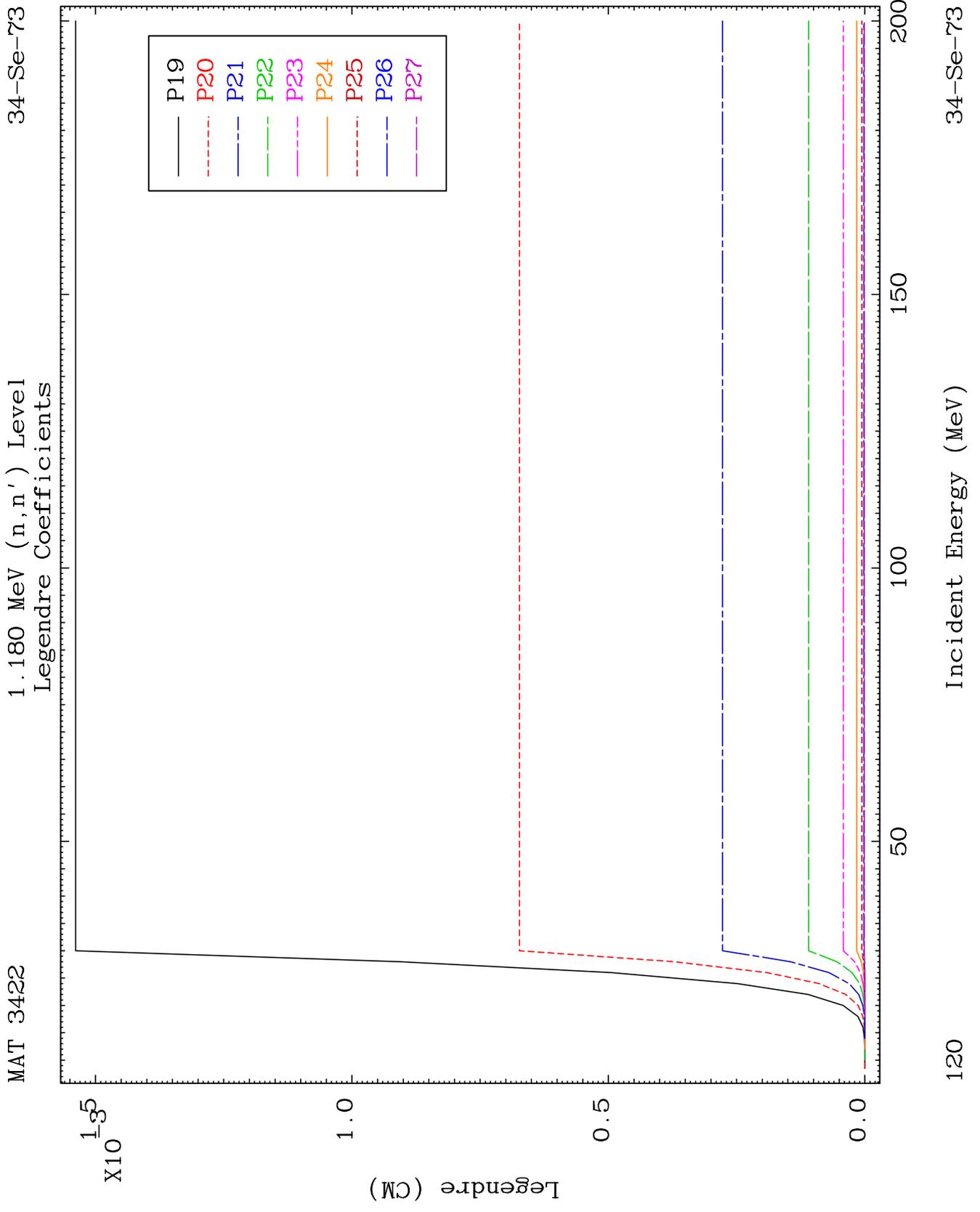
1.136 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73



117

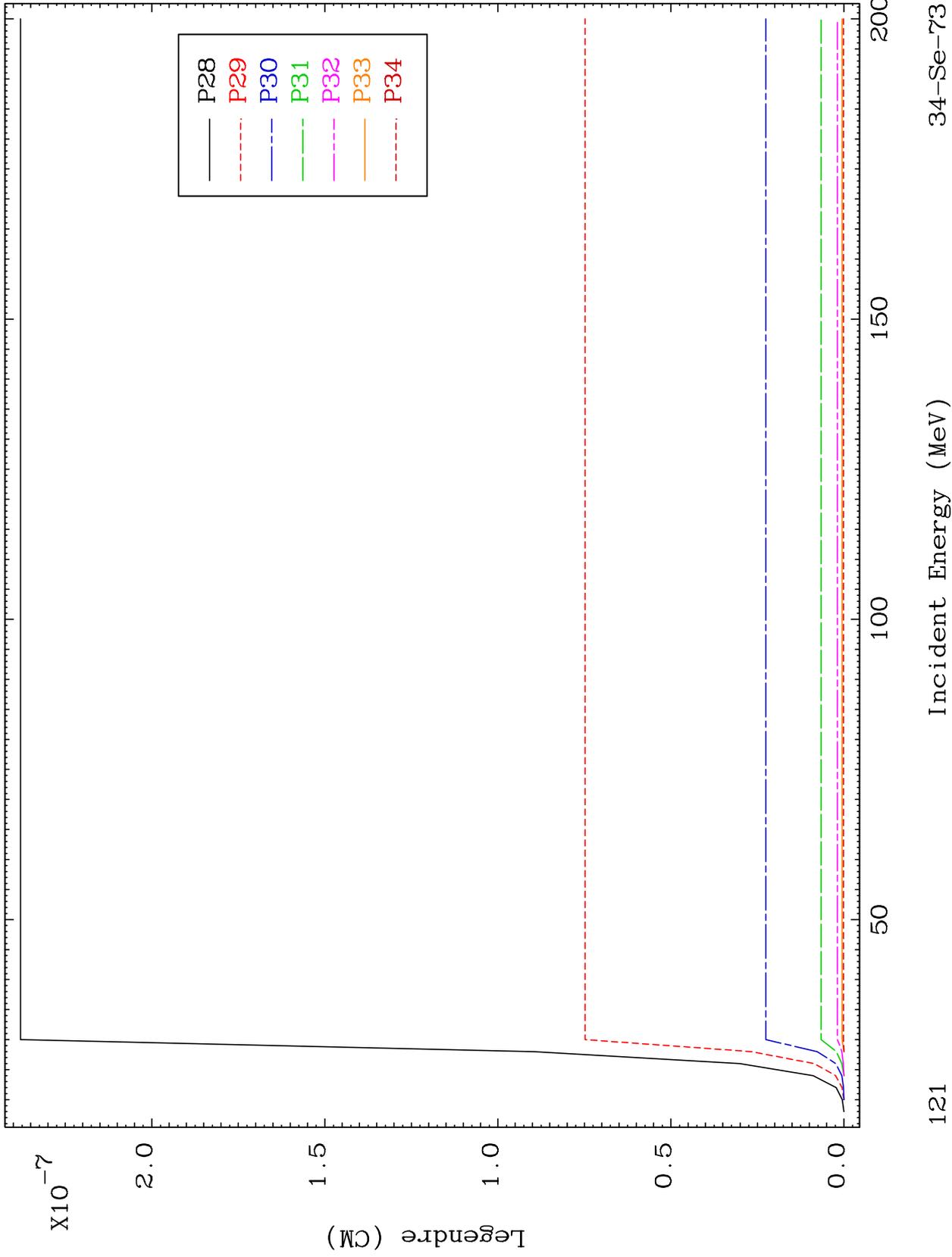




MAT 3422

1.180 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73



121

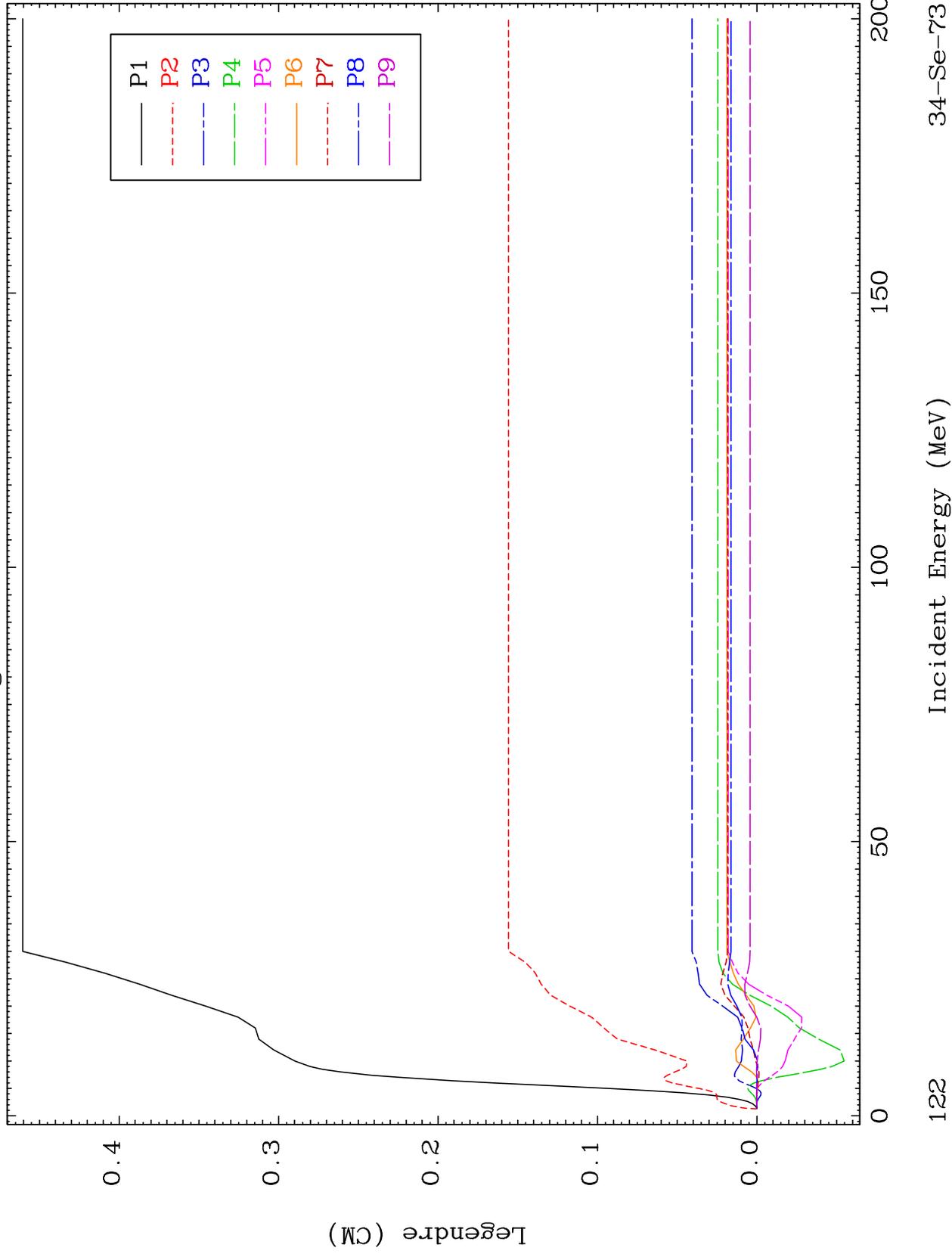
Incident Energy (MeV)

³⁴Se-73

MAT 3422

1.230 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73



³⁴Se-73

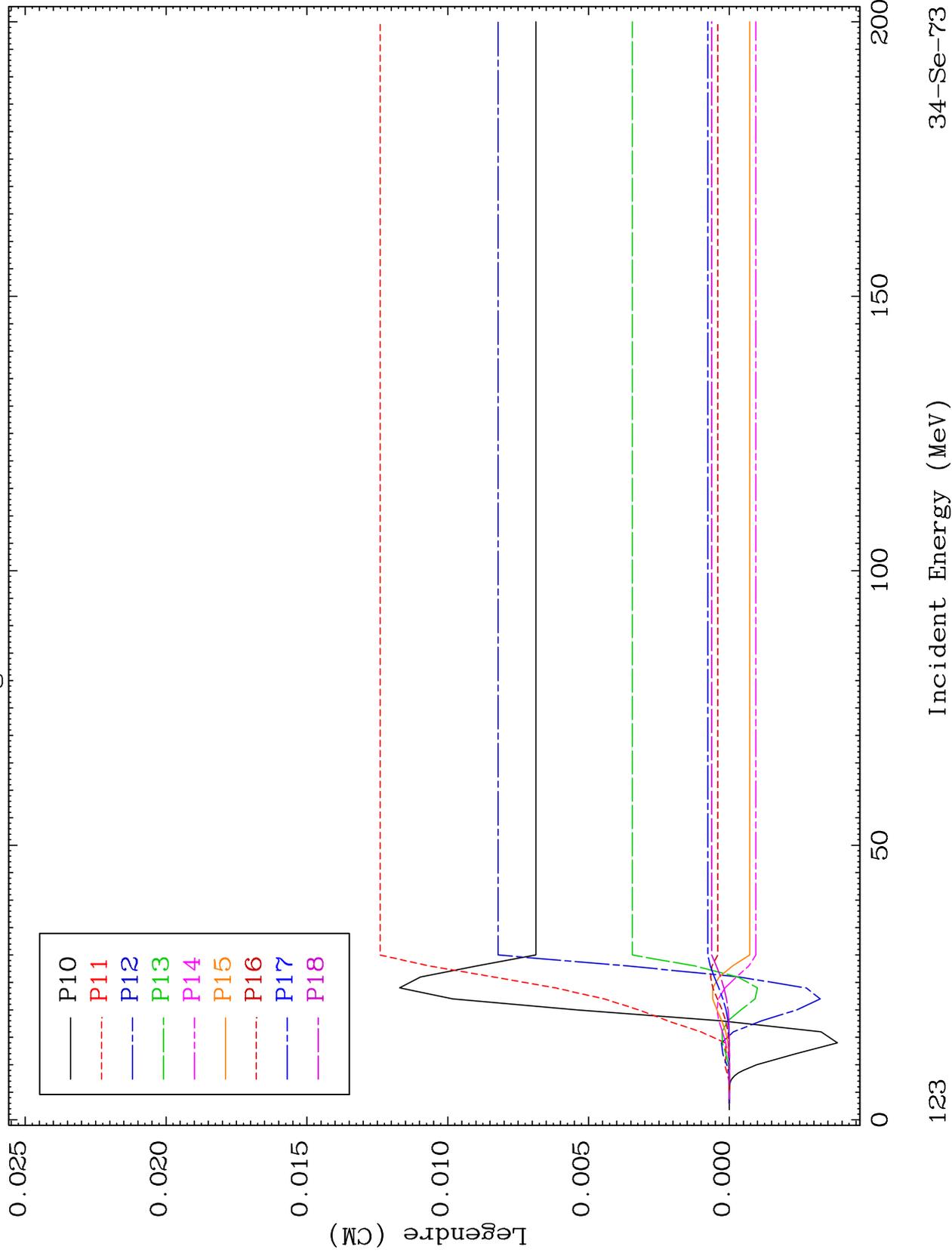
Incident Energy (MeV)

122

MAT 3422

1.230 MeV (n,n') Level
Legendre Coefficients

34-Se-73



34-Se-73

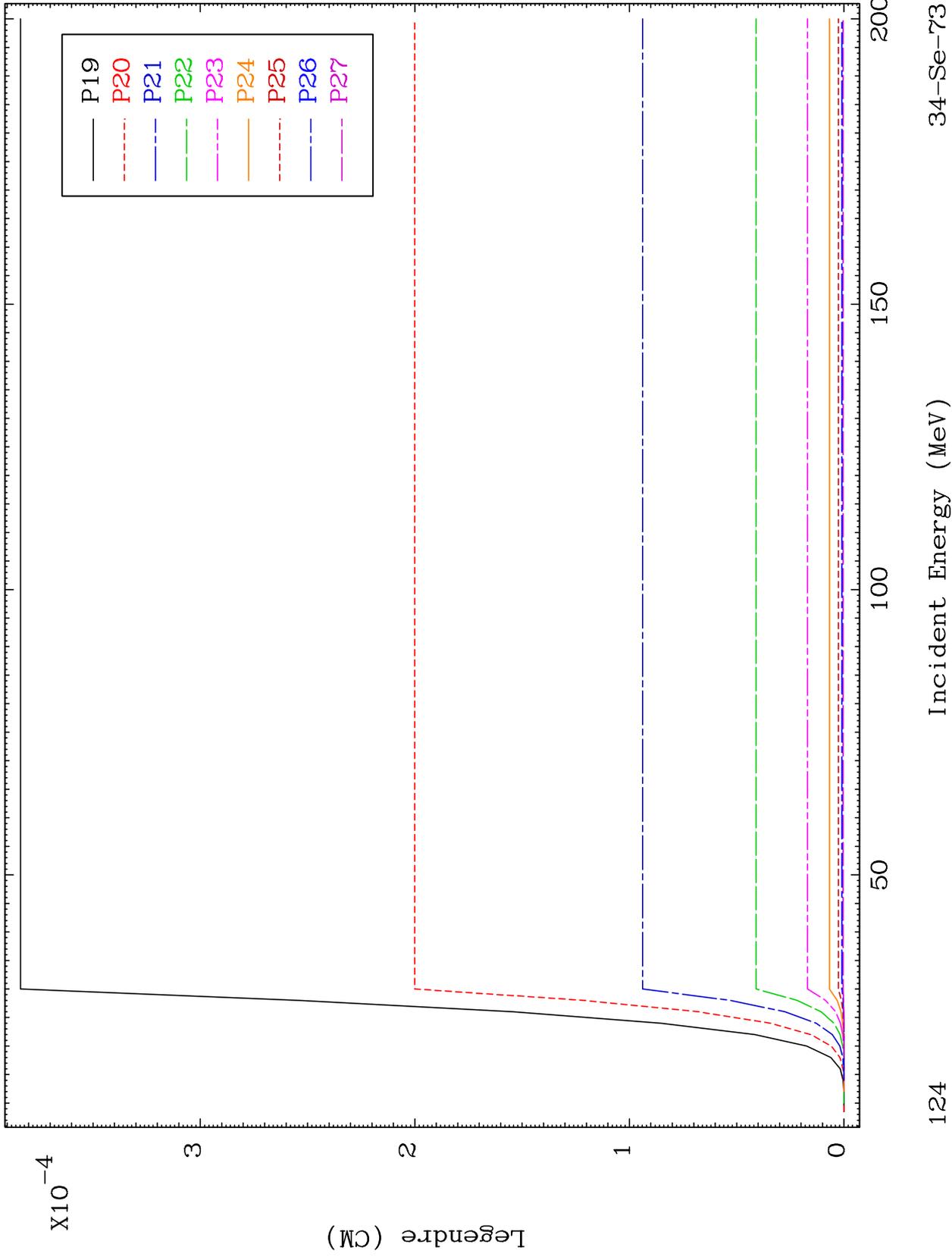
Incident Energy (MeV)

123

MAT 3422

1.230 MeV (n,n') Level
Legendre Coefficients

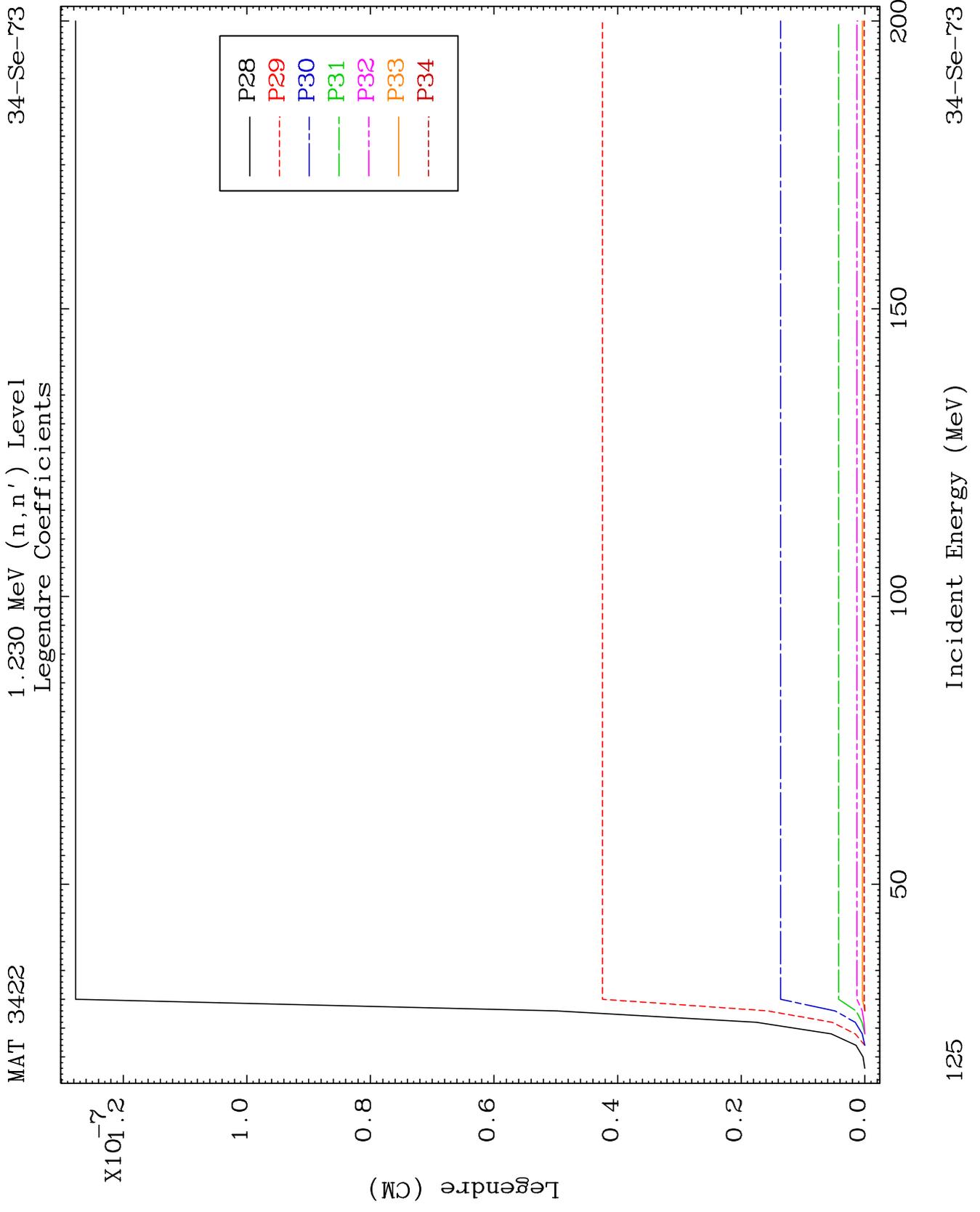
³⁴Se-73

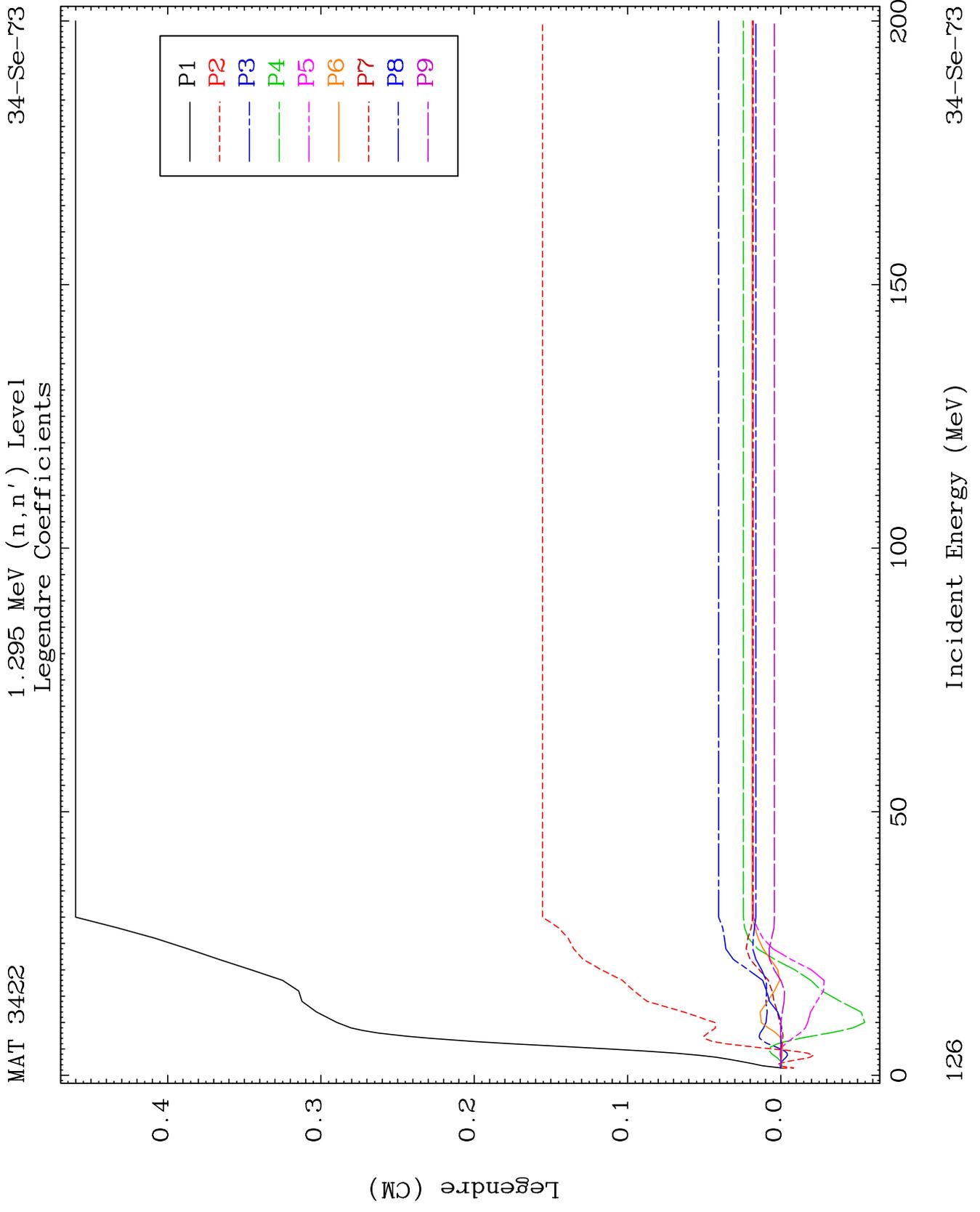


124

Incident Energy (MeV)

³⁴Se-73

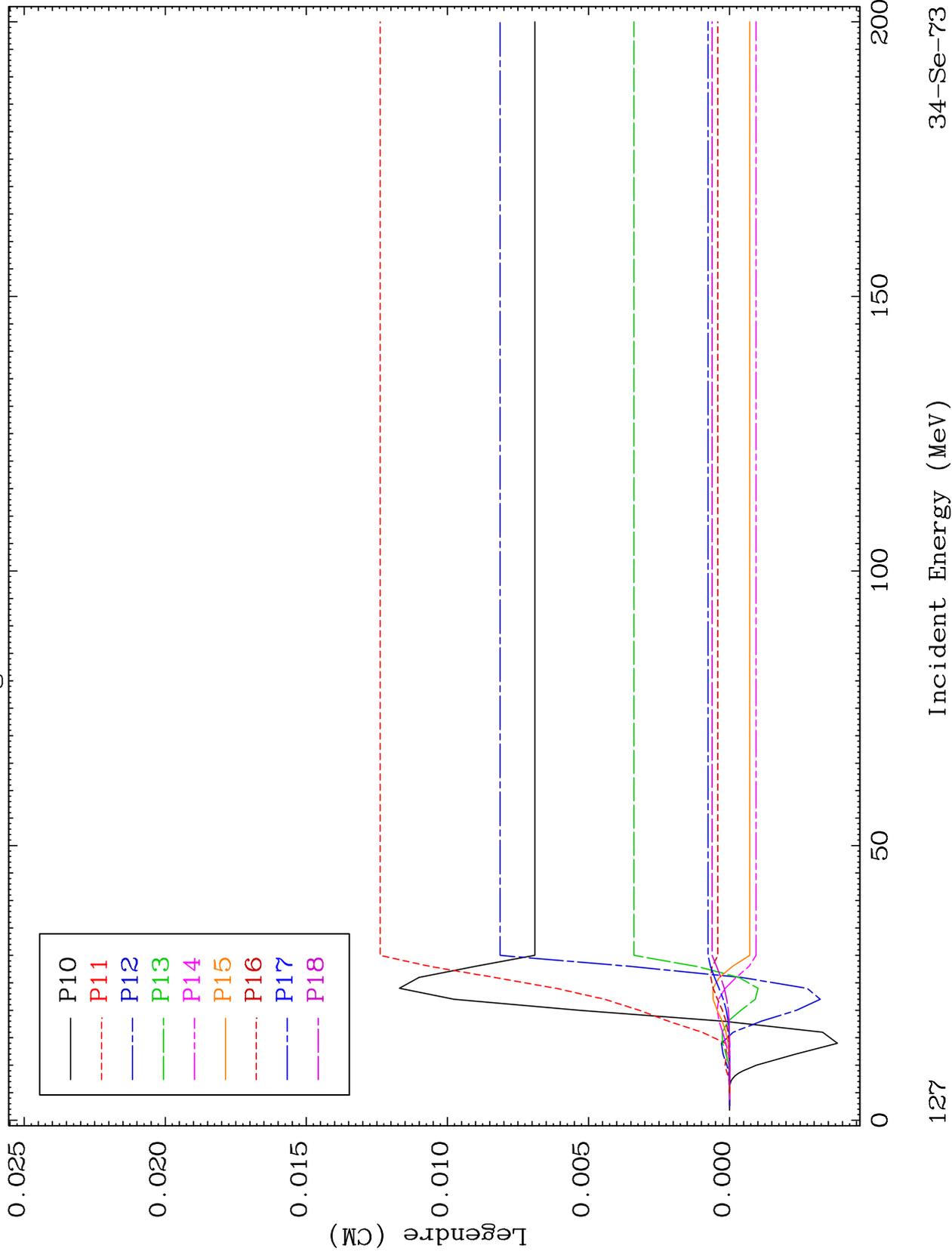




MAT 3422

1.295 MeV (n,n') Level
Legendre Coefficients

34-Se-73



127

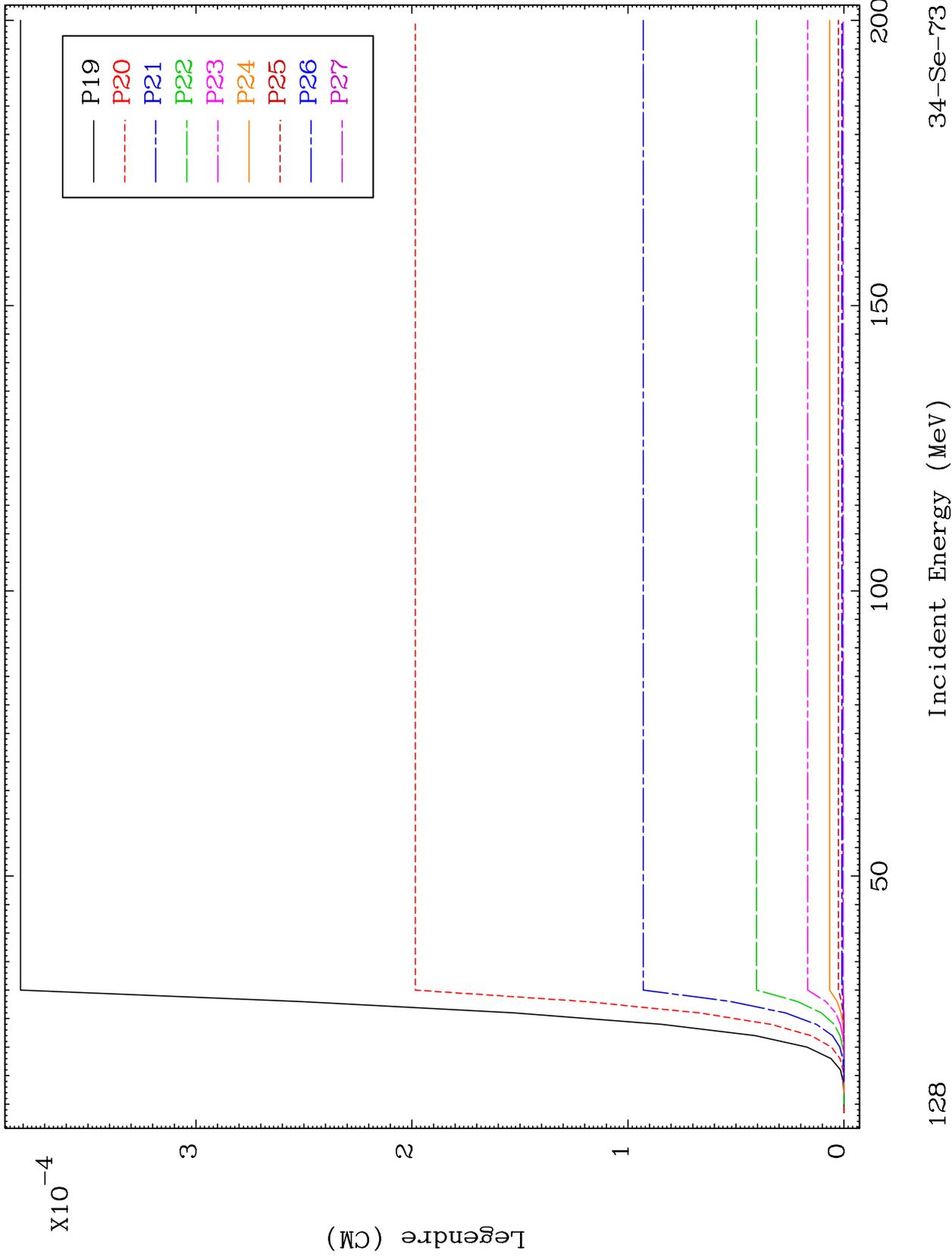
Incident Energy (MeV)

34-Se-73

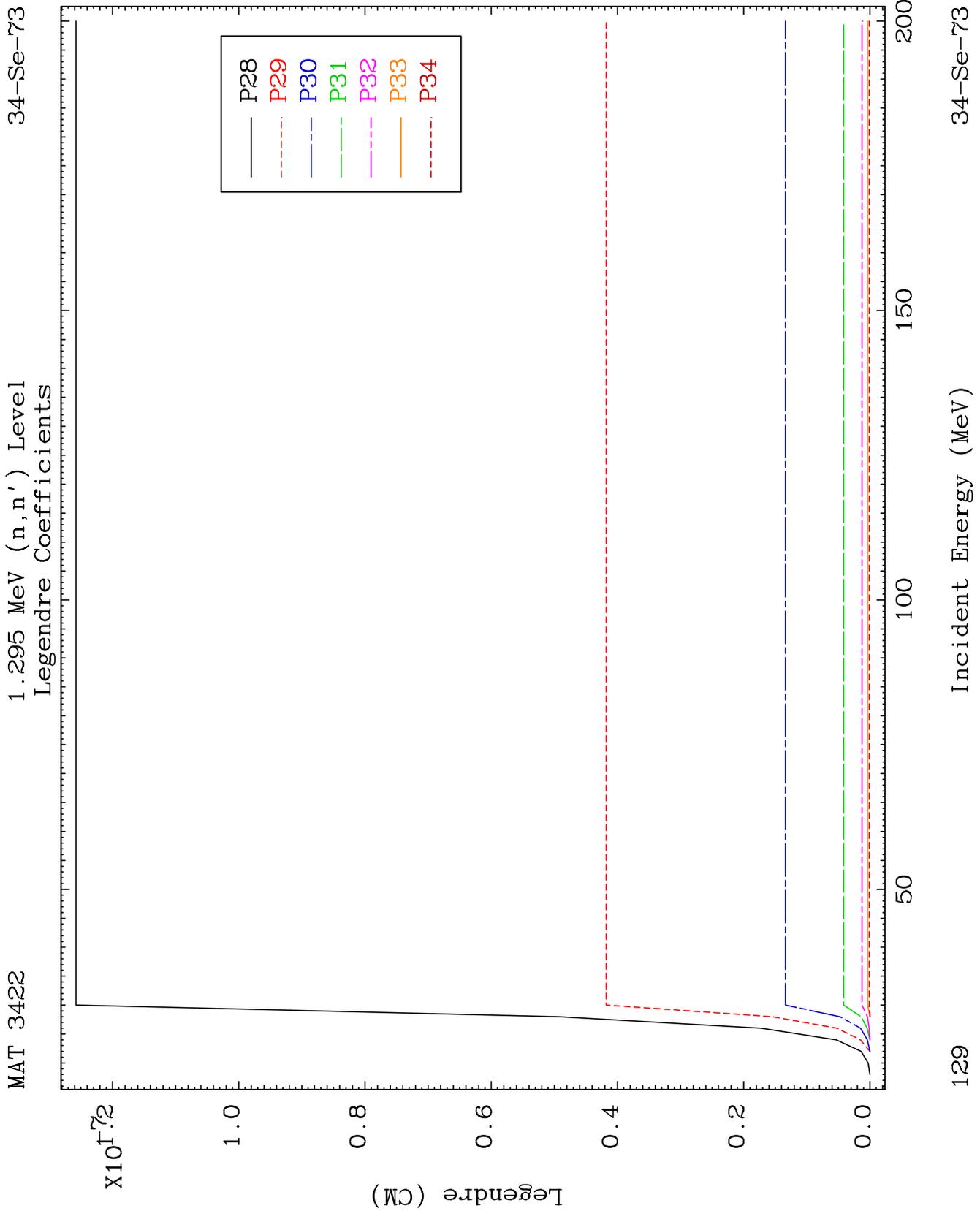
MAT 3422

1.295 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73



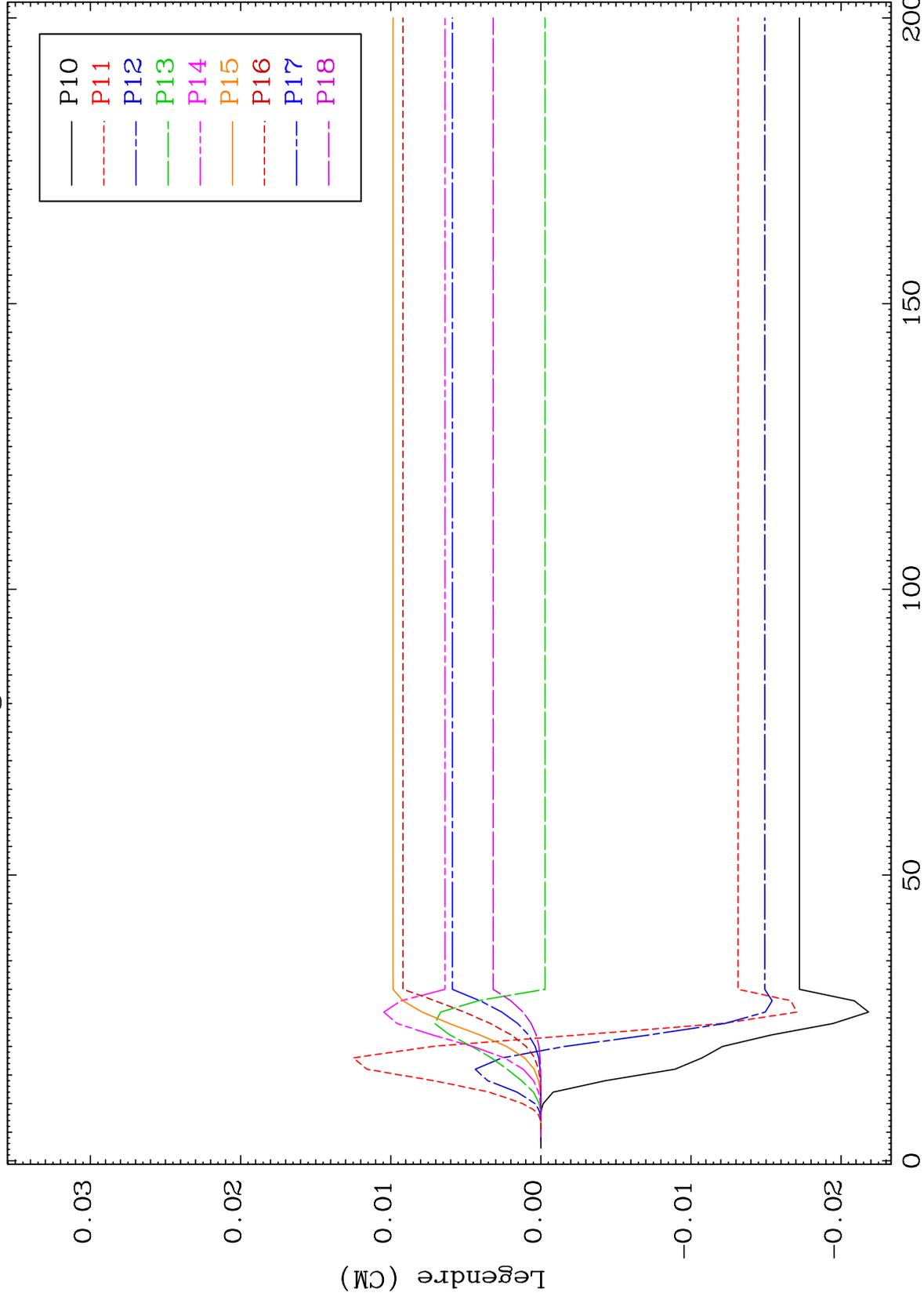
128



MAT 3422

1.356 MeV (n,n') Level
Legendre Coefficients

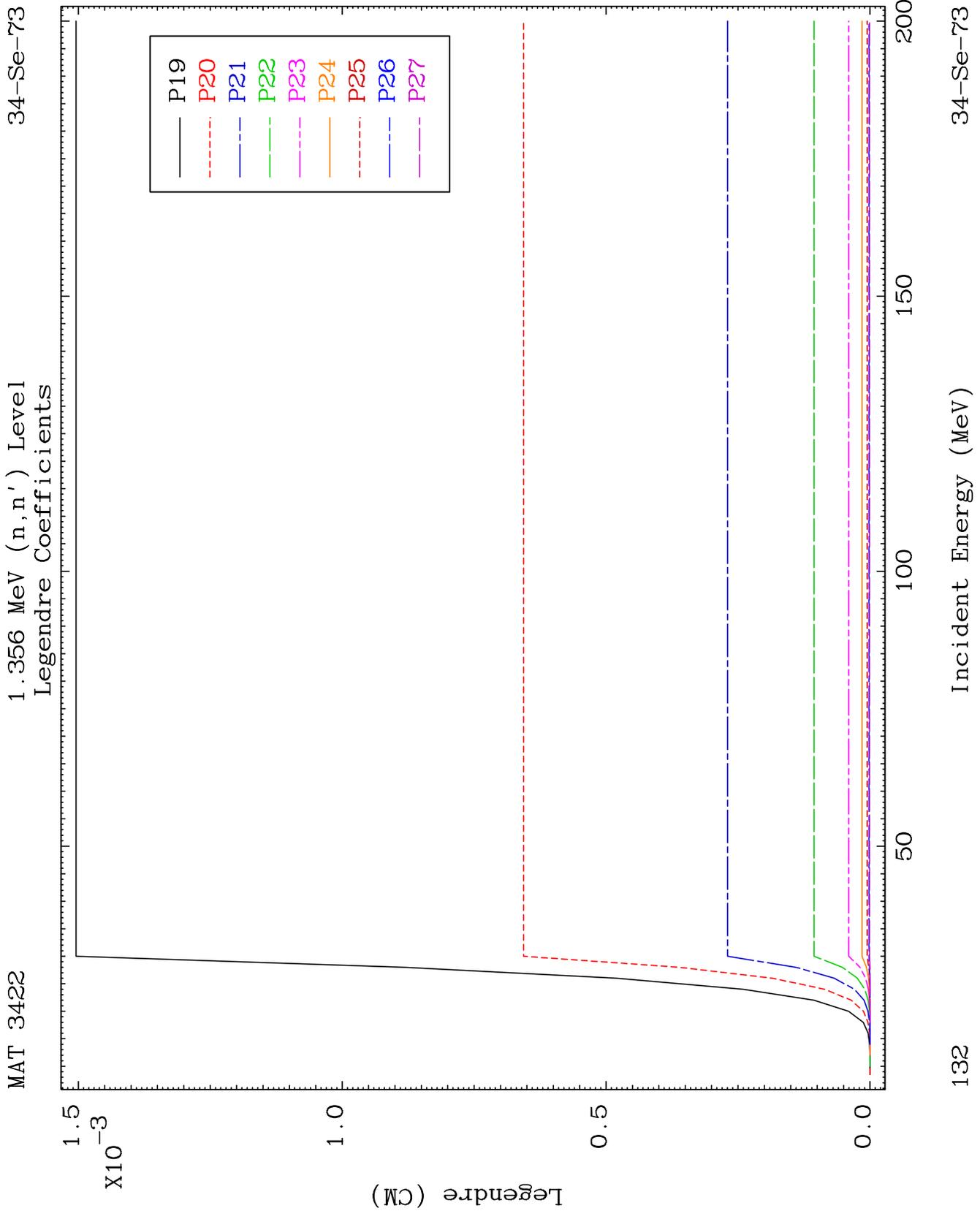
³⁴Se-73



131

Incident Energy (MeV)

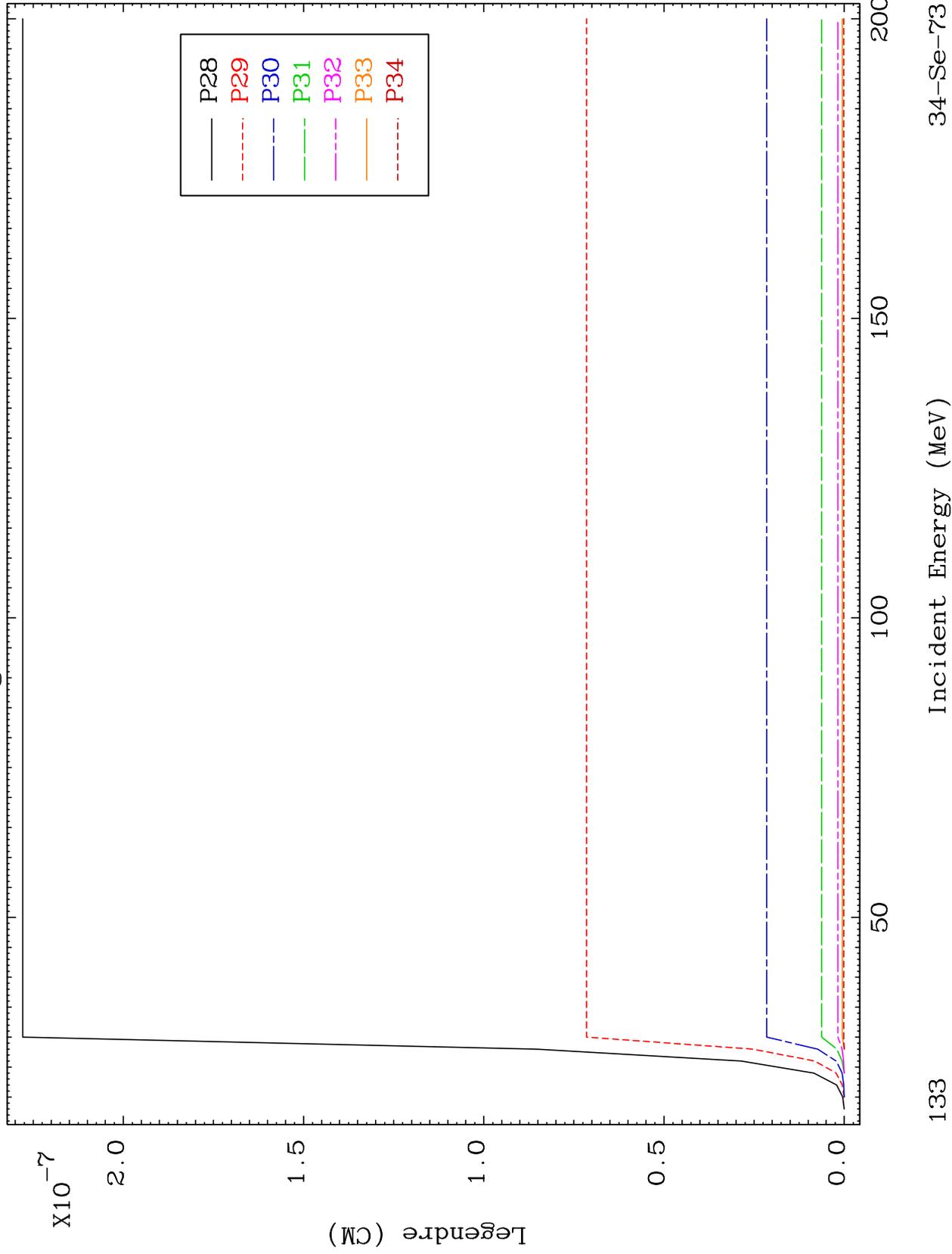
³⁴Se-73



MAT 3422

1.356 MeV (n,n') Level
Legendre Coefficients

³⁴Se-73

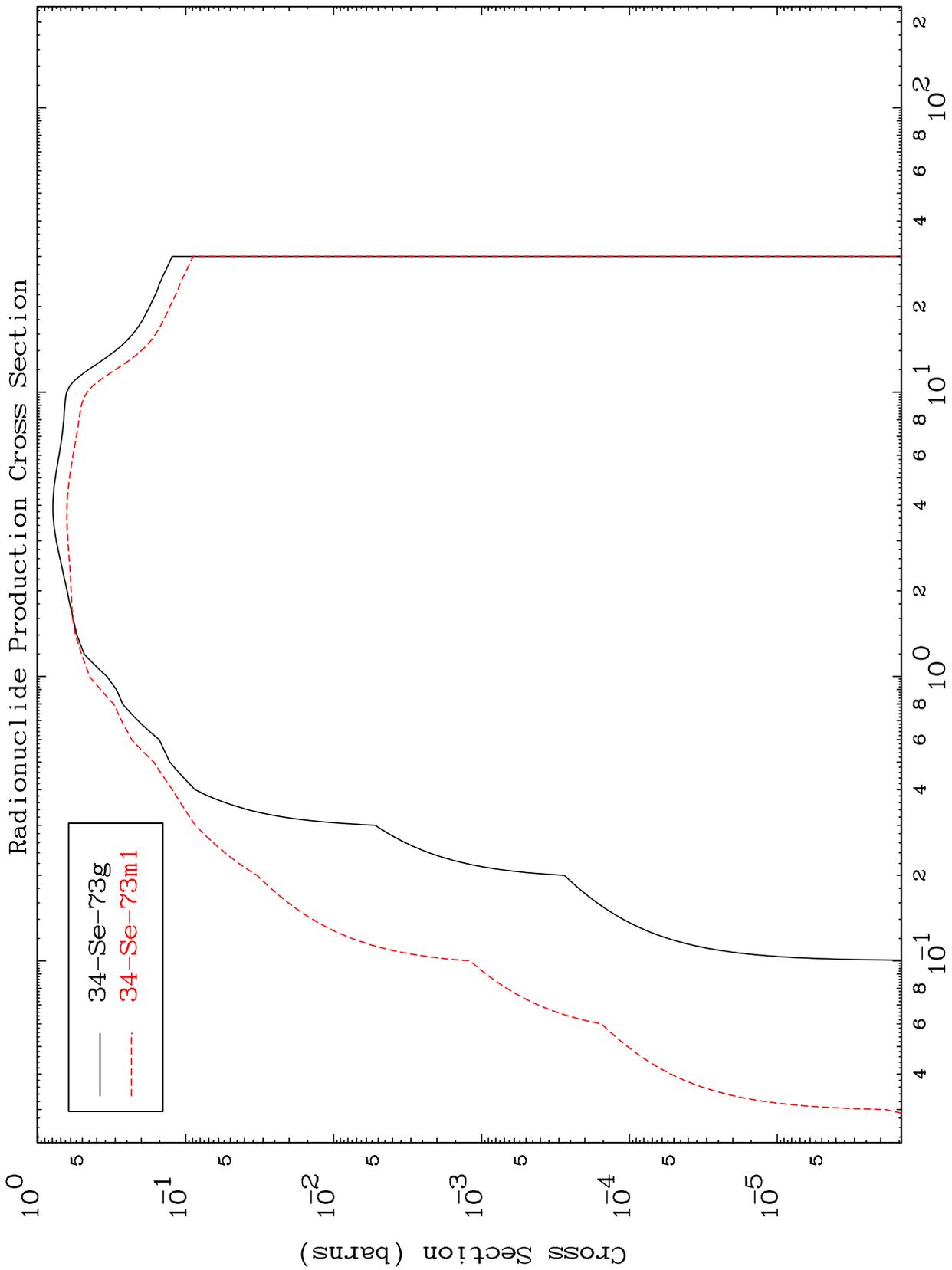


133

MAT 3422

³⁴Se-73

Radionuclide Production Cross Section



Legend:
— 34-73g
- - - 34-73m1

134

Incident Energy (MeV)

³⁴Se-73