

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

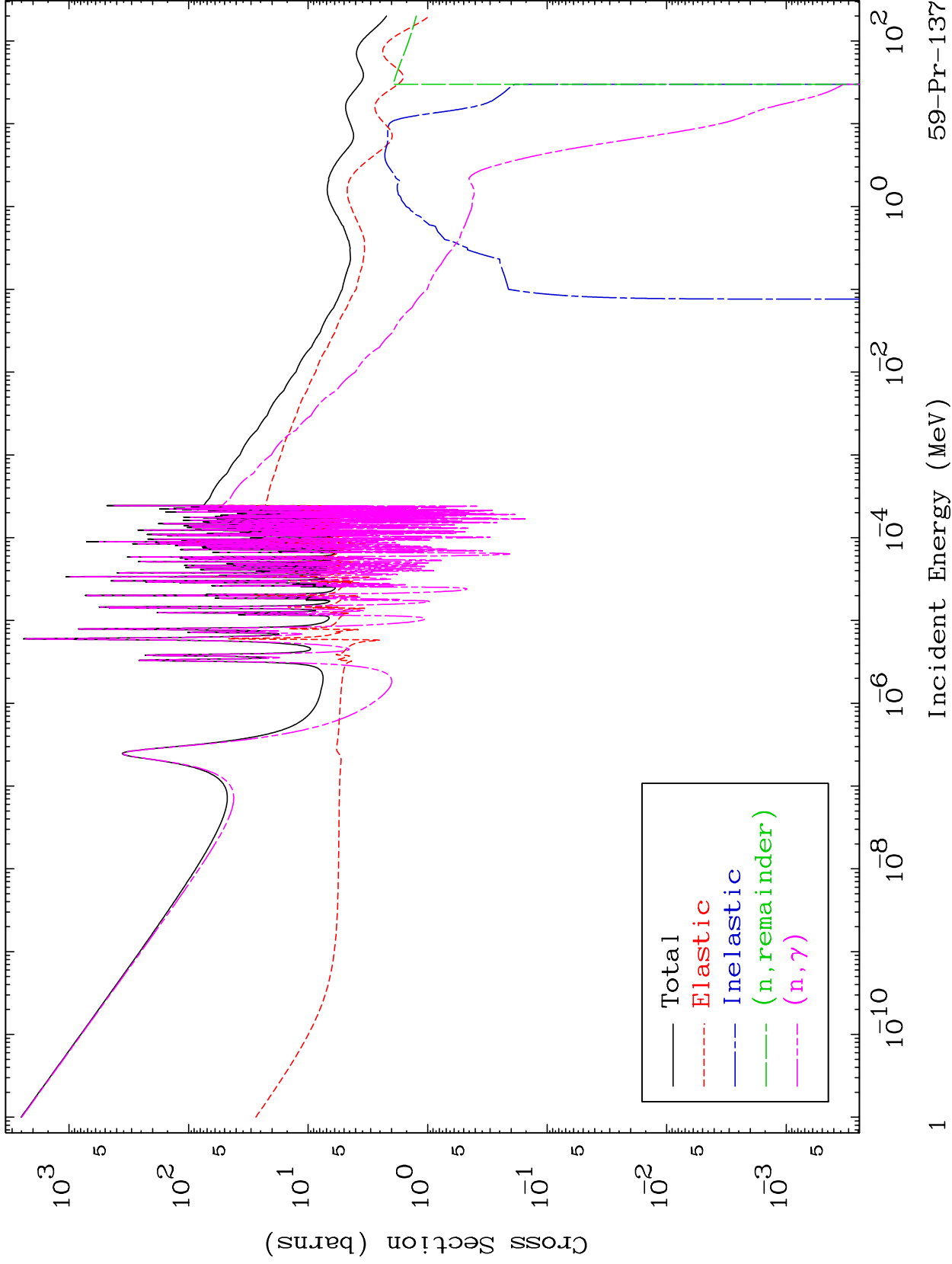
Press Mouse Button to Start

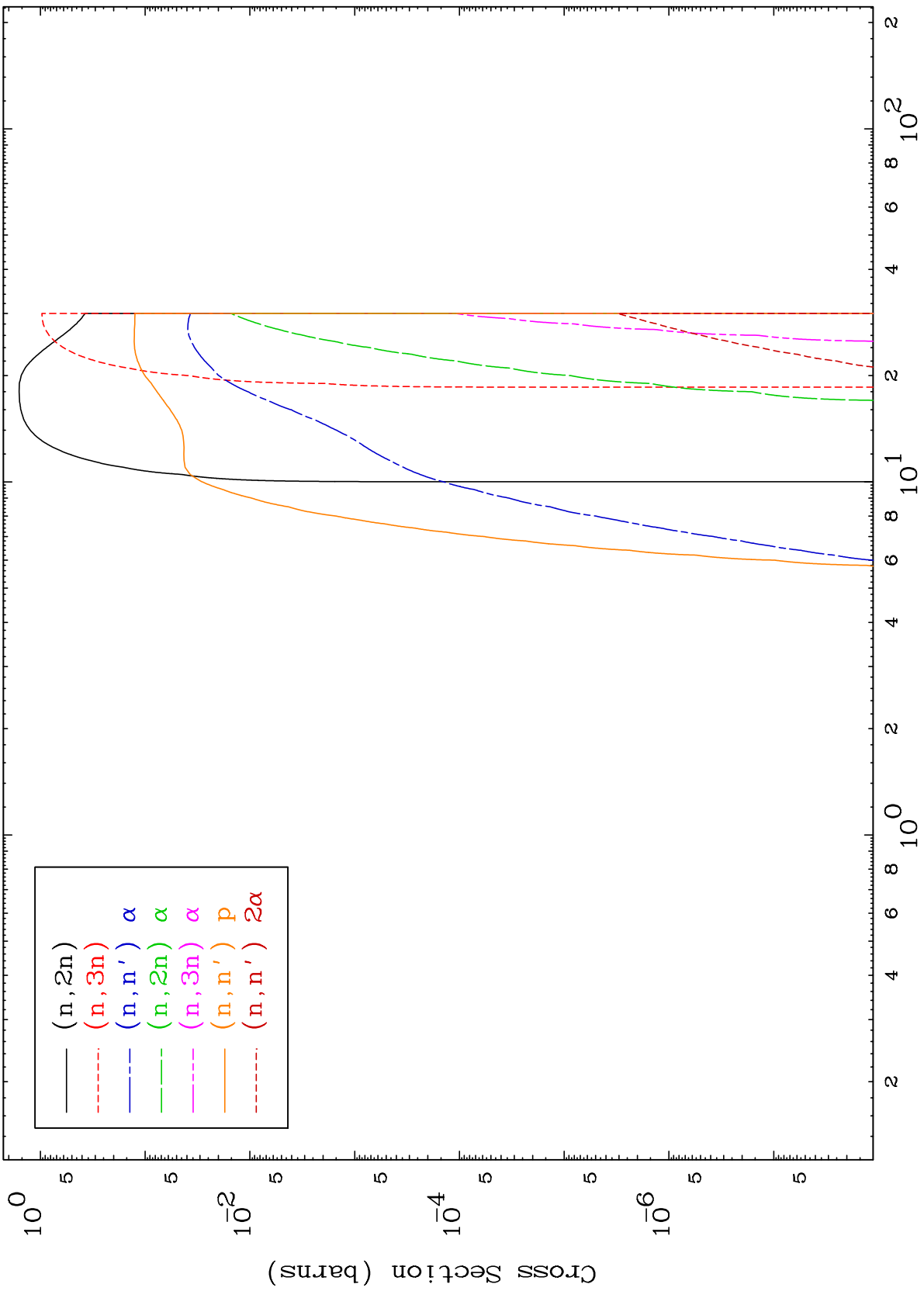
MAT 5913

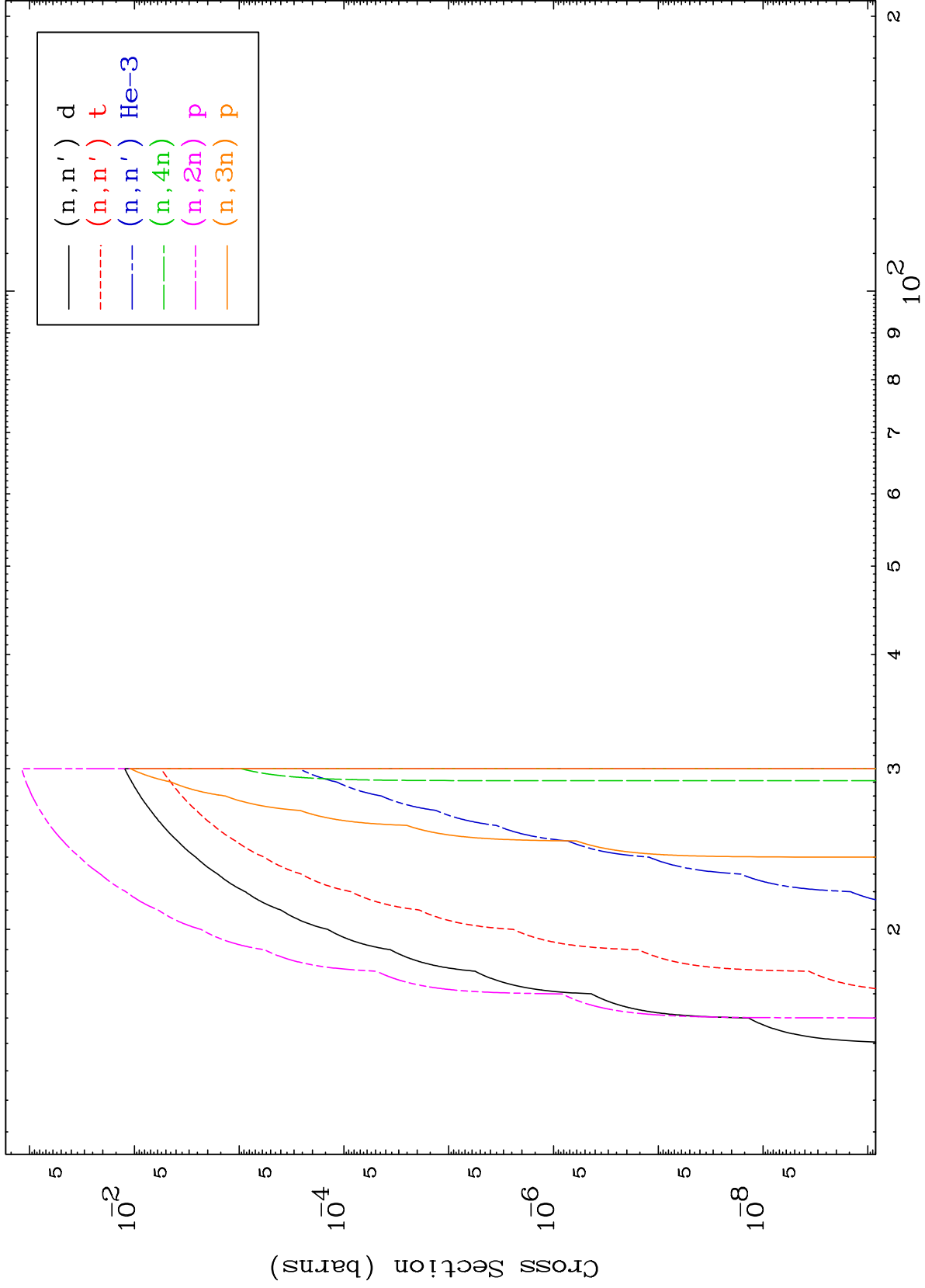
Major

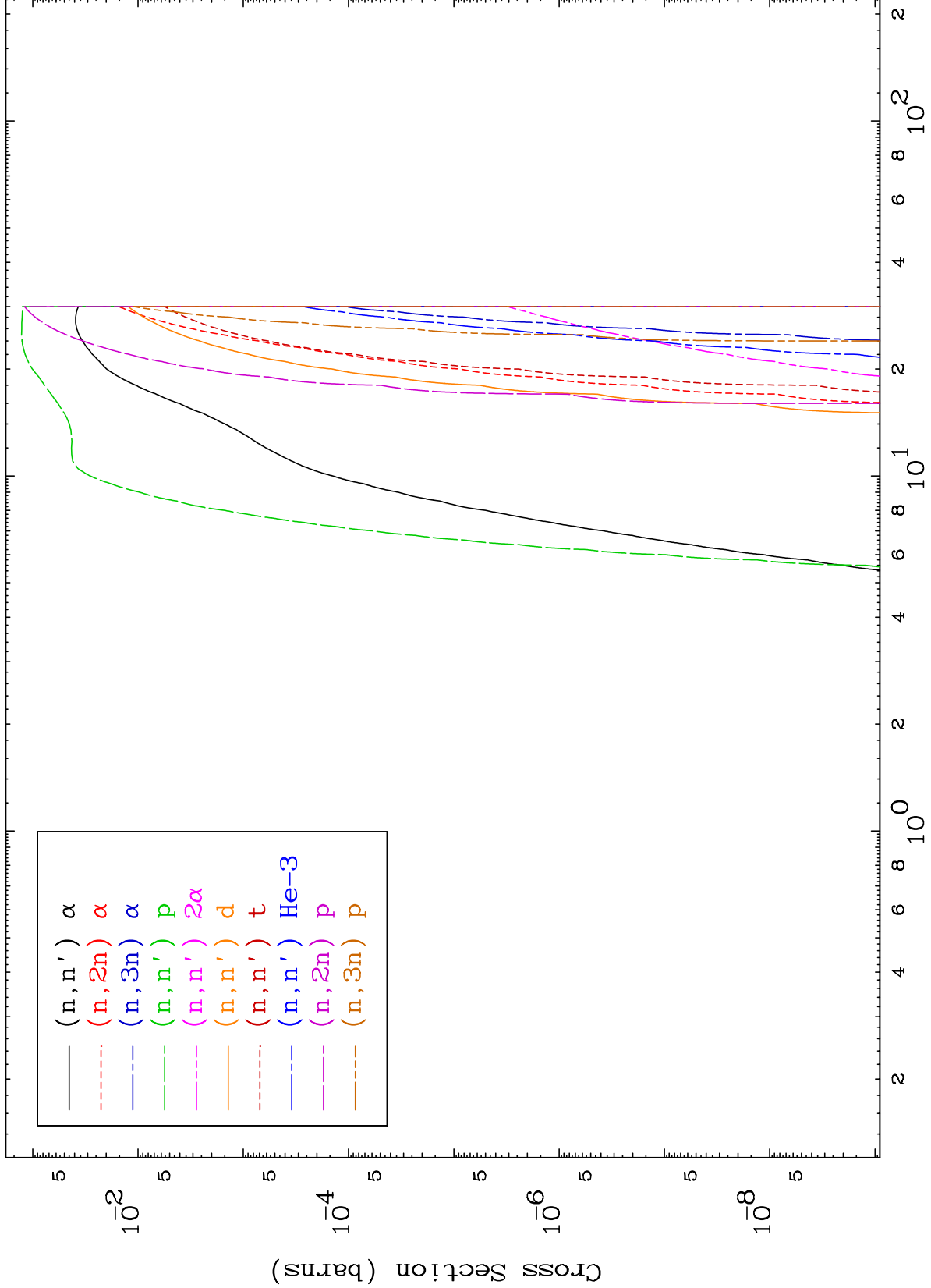
293 Kelvin Cross Sections

59-Pr-137





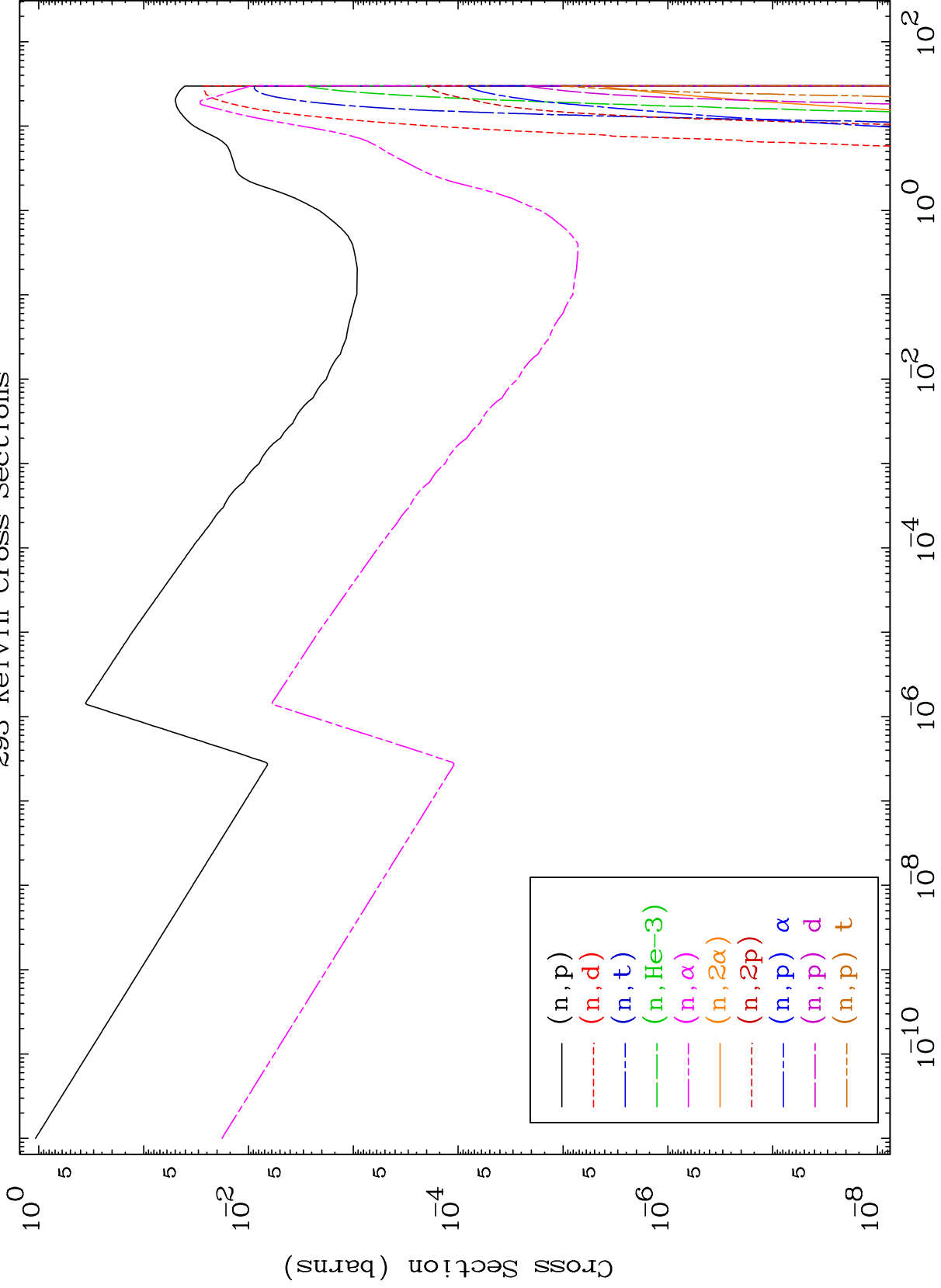


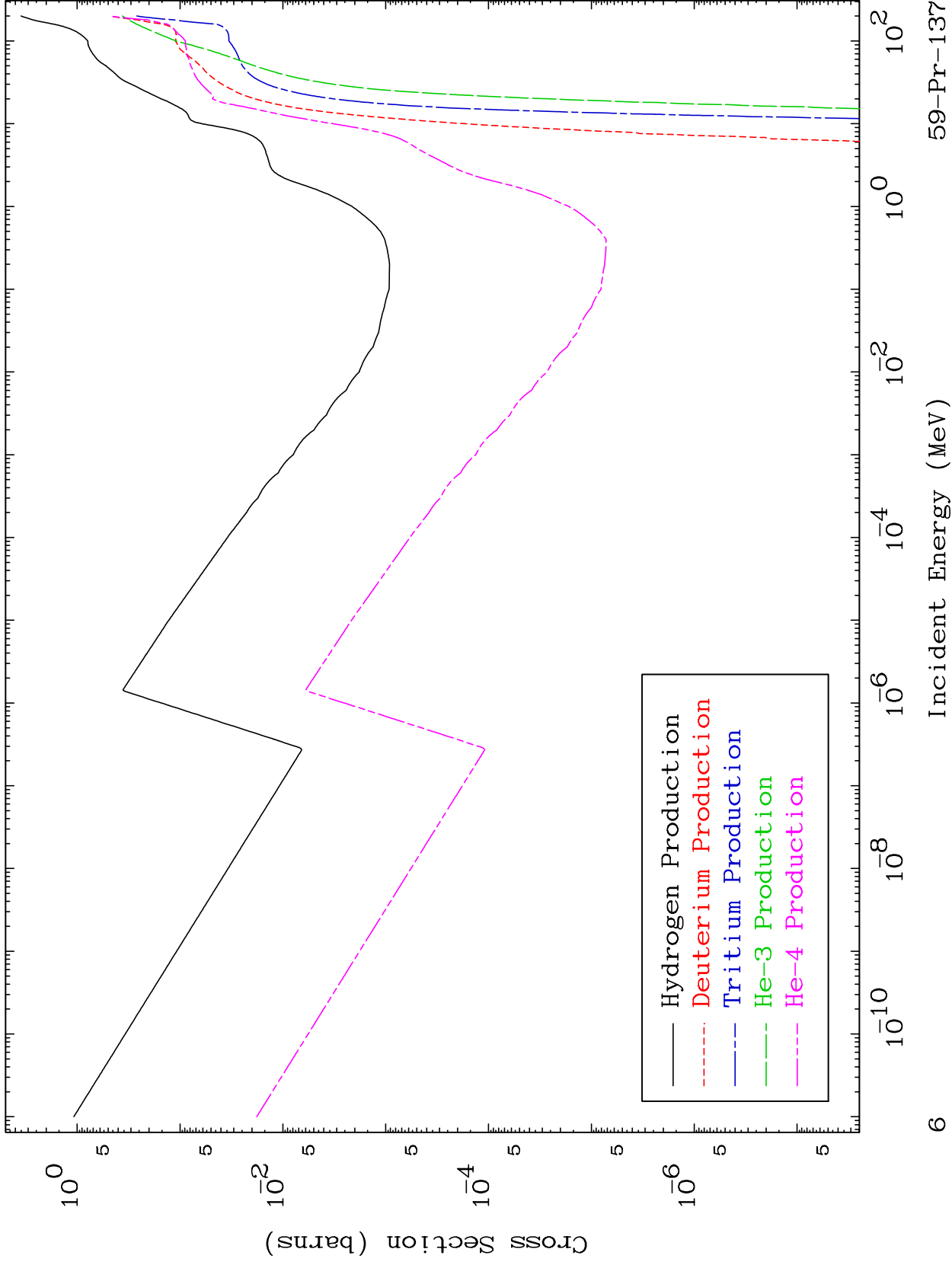


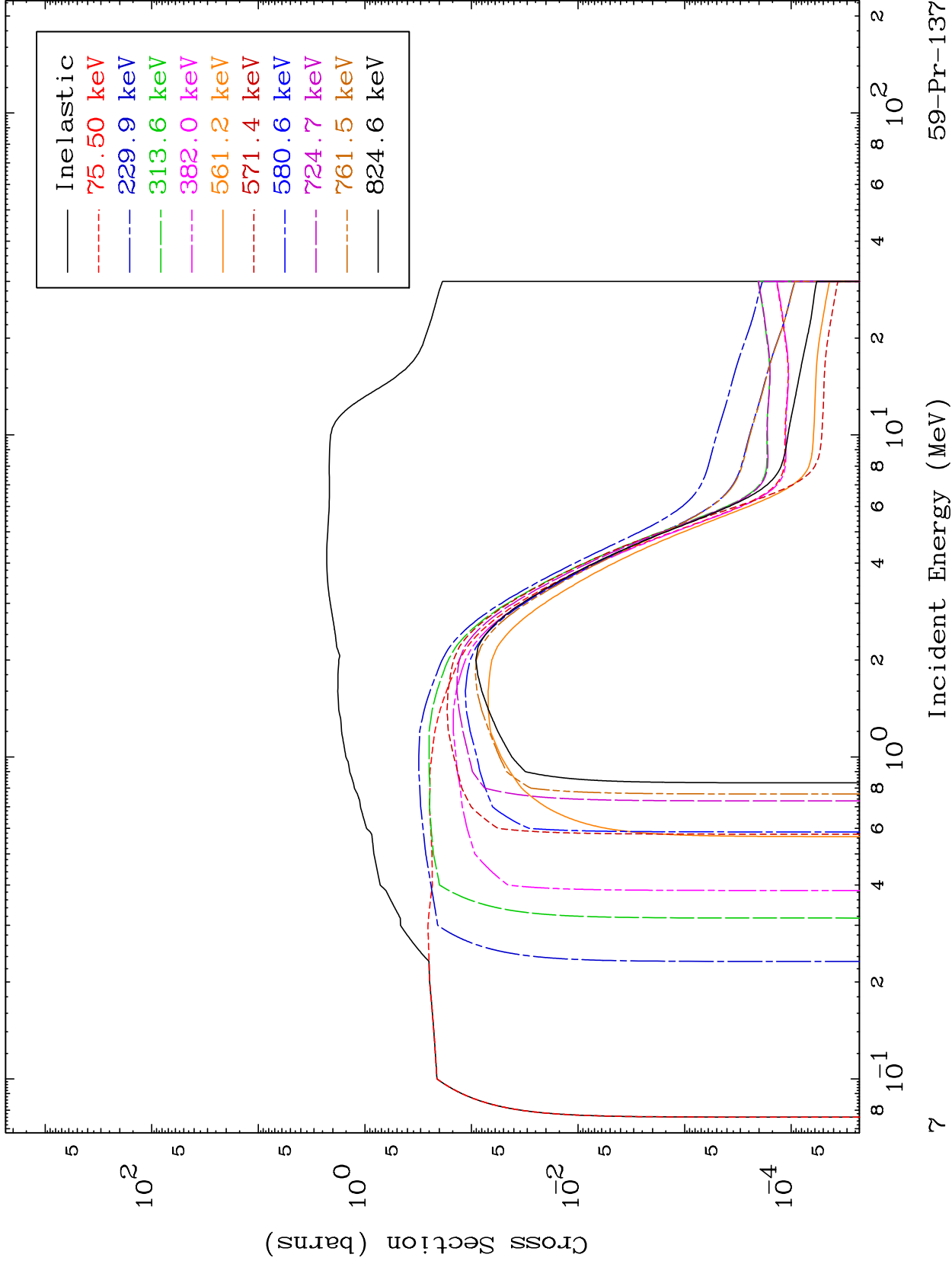
MAT 5913

Charged Particle
293 Kelvin Cross Sections

59-Pr-137



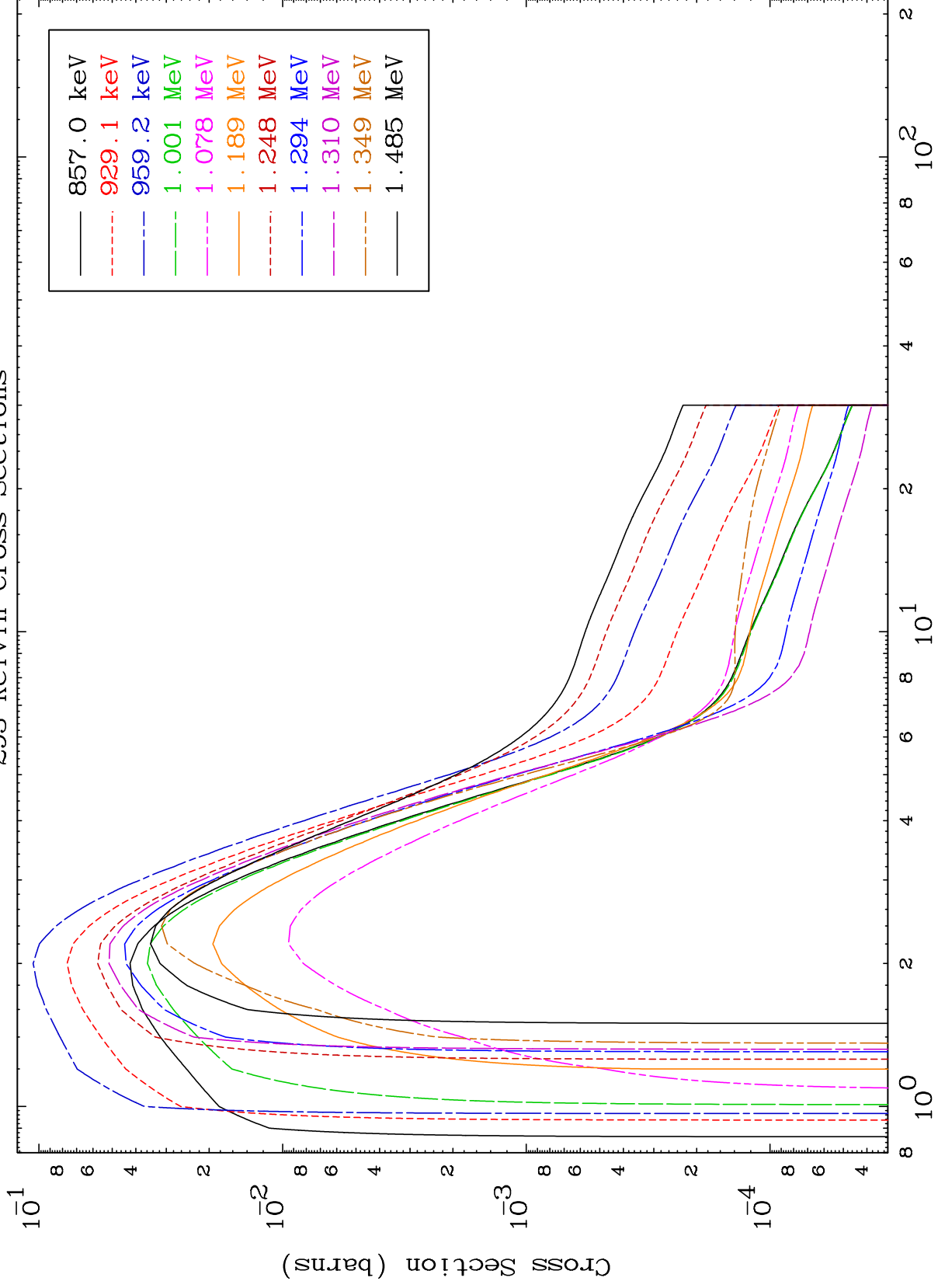




MAT 5913

(n,n') Level
293 Kelvin Cross Sections

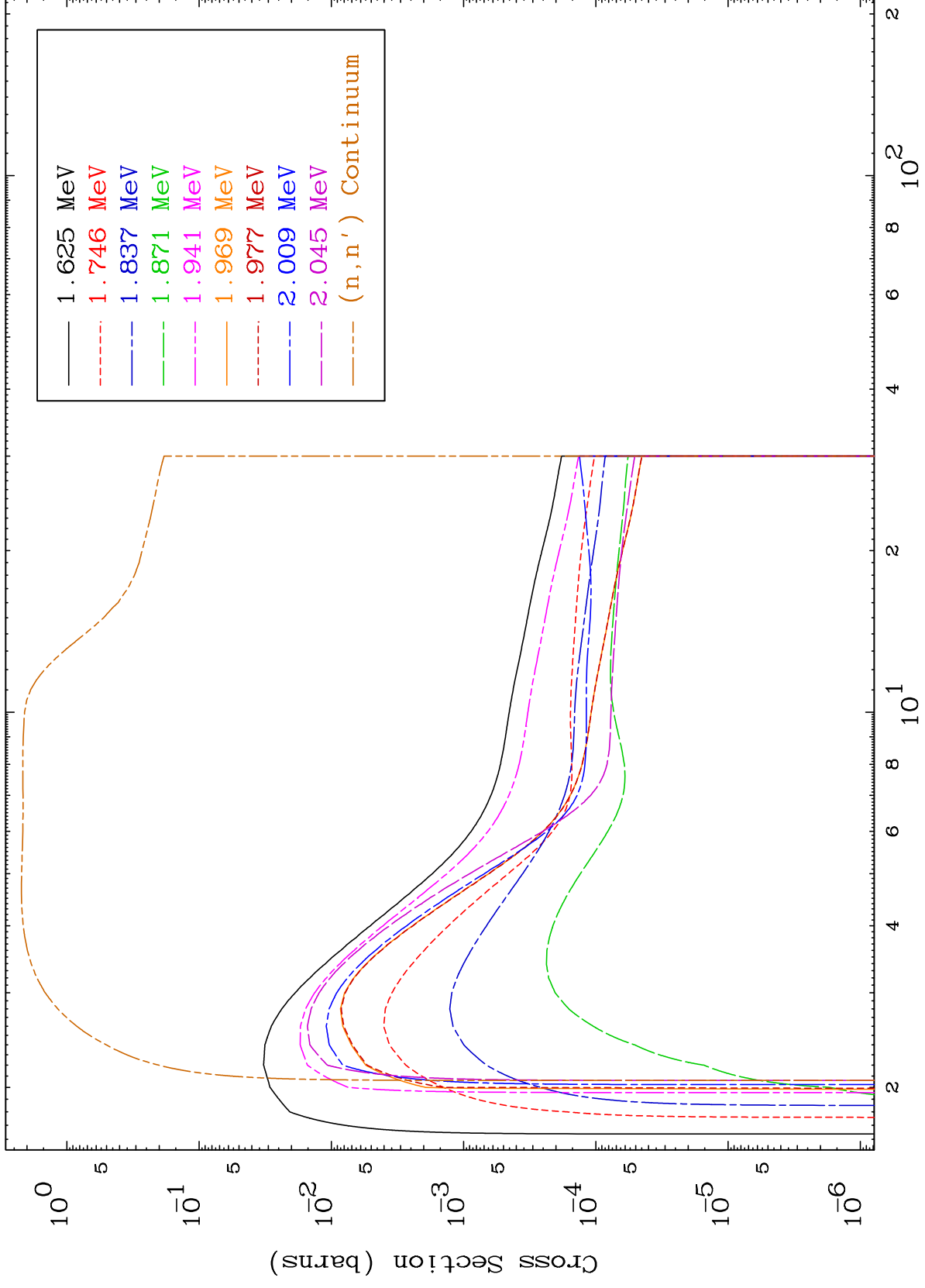
59-Pr-137



Incident Energy (MeV)

59-Pr-137

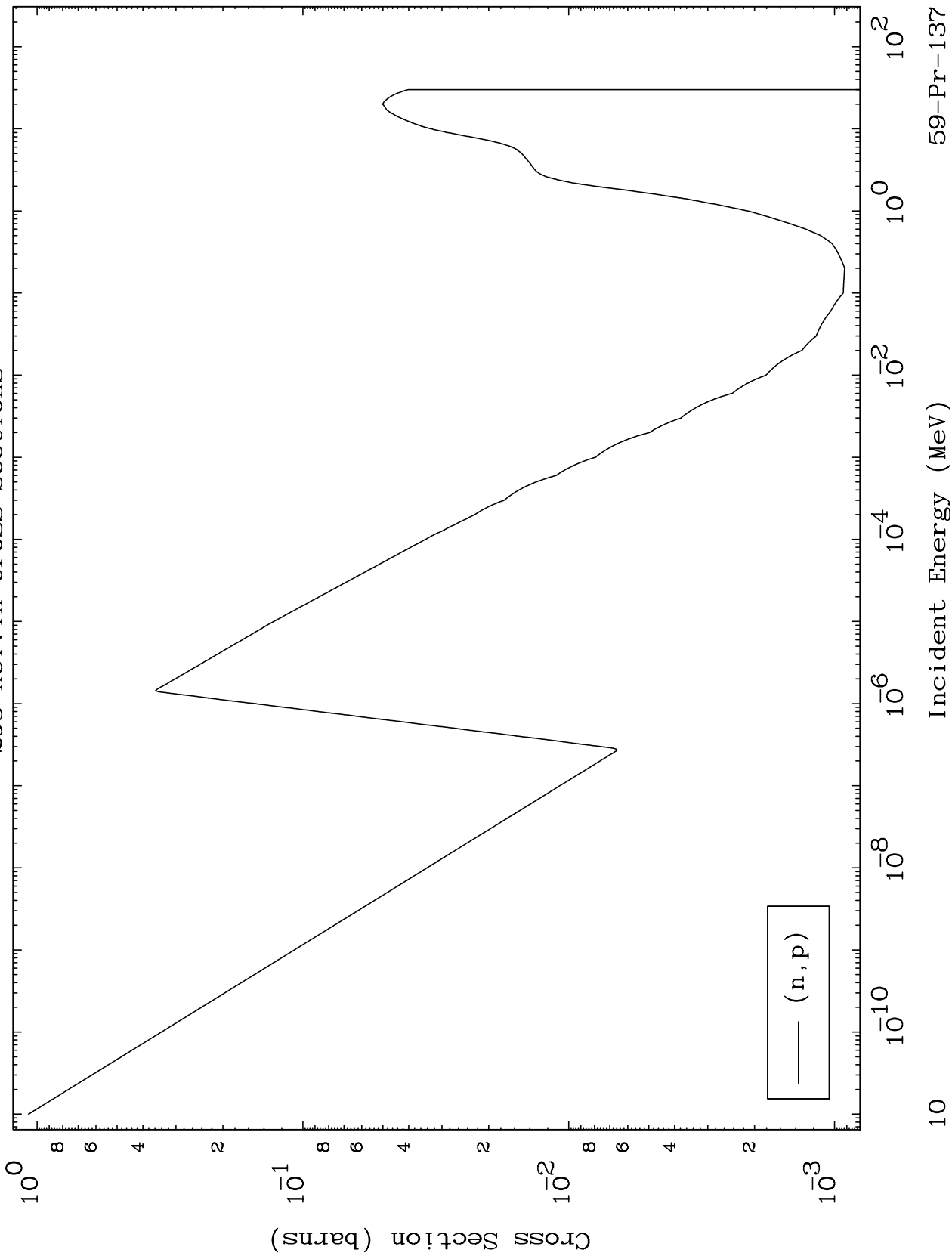
293 Kelvin Cross Sections



MAT 5913

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-137



10

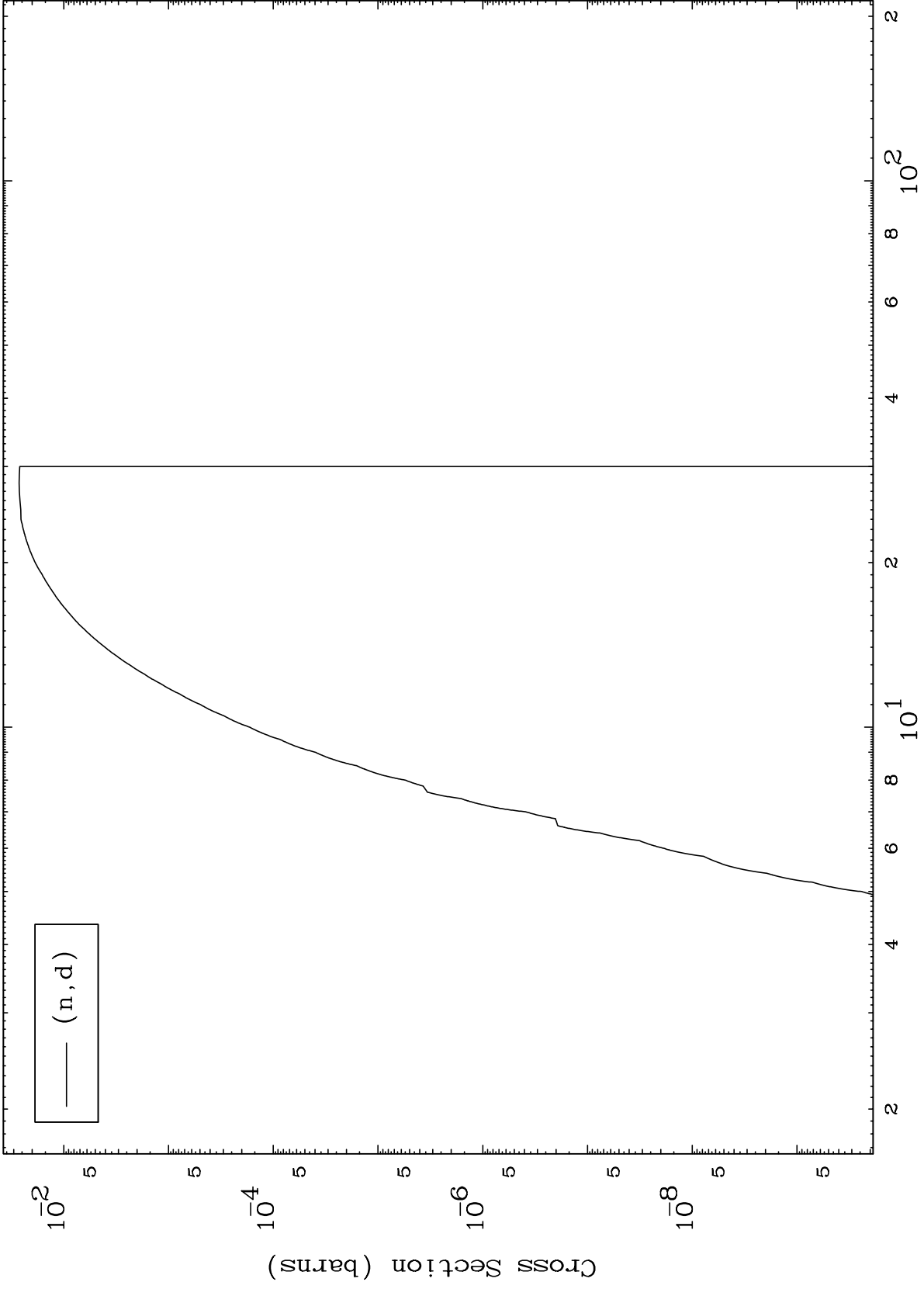
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-137



11

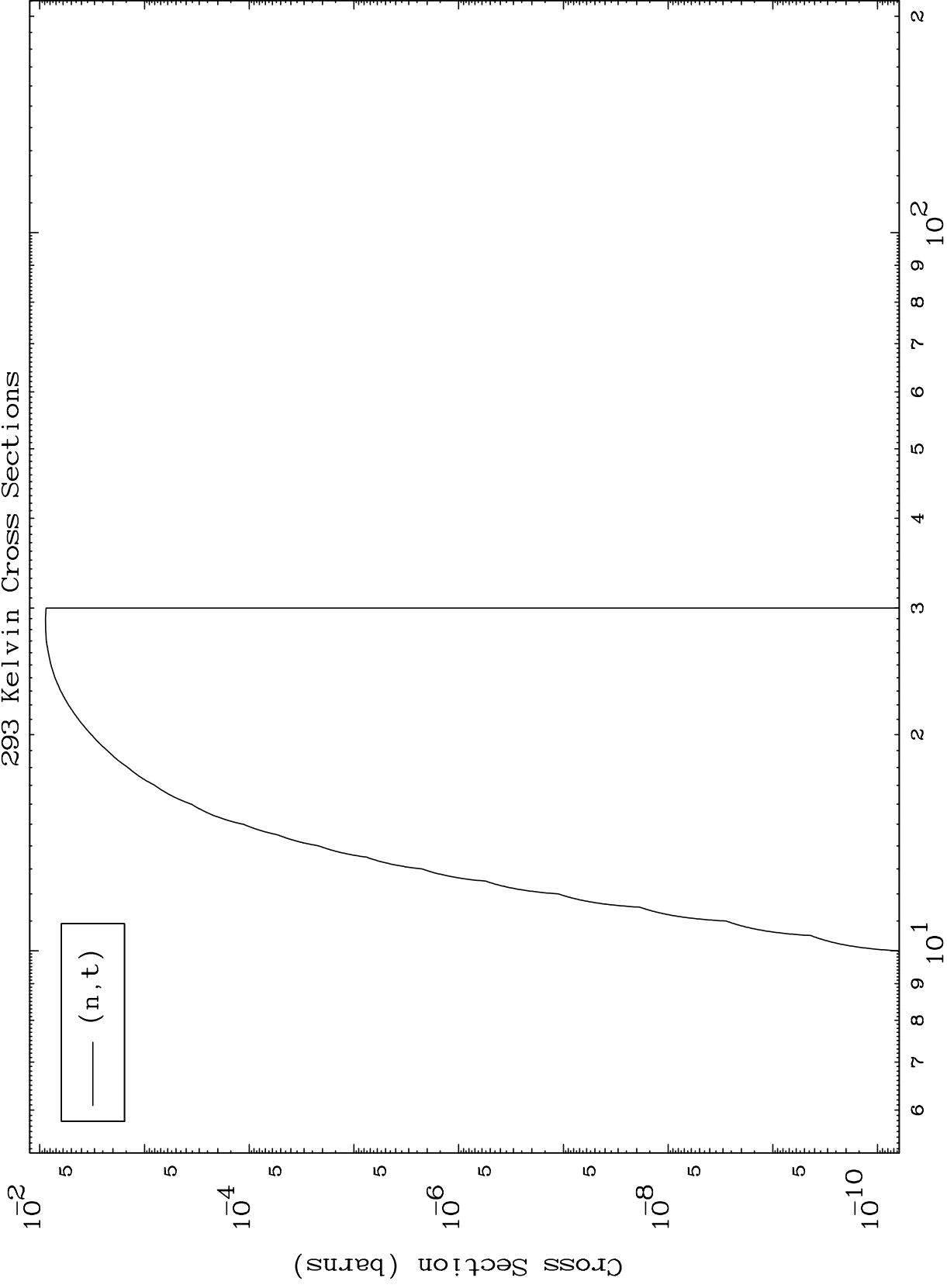
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-137



12

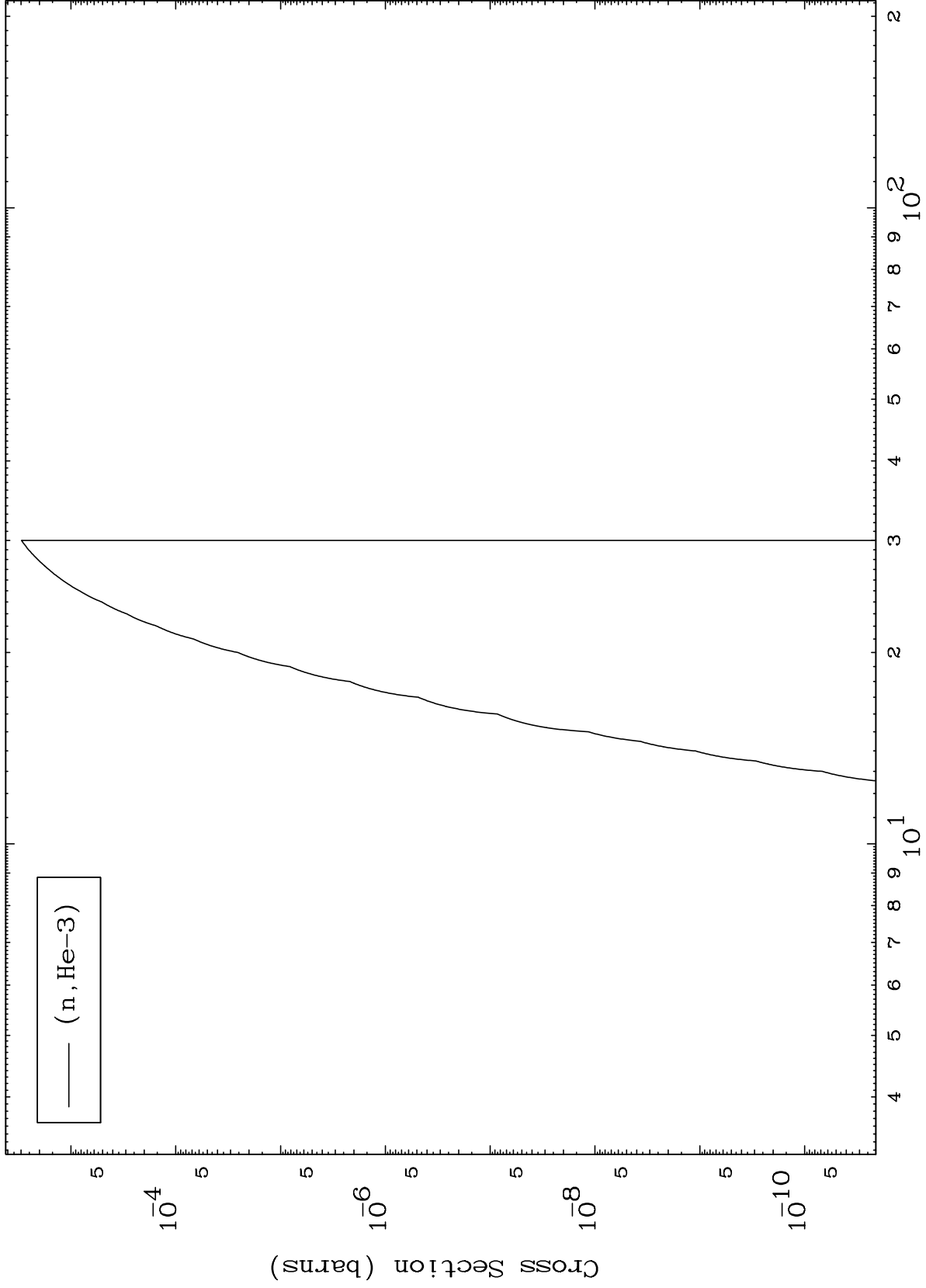
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-137



13

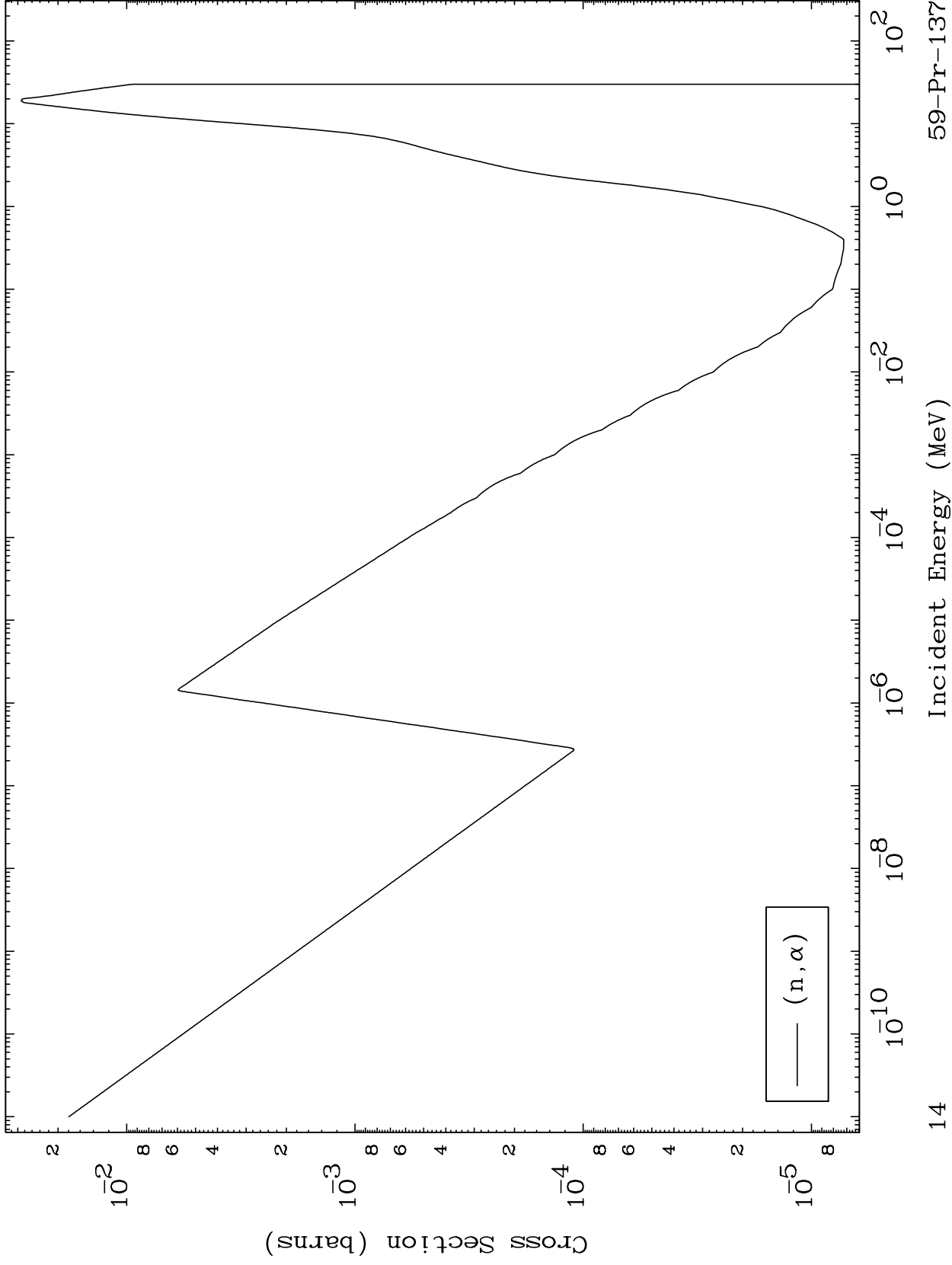
Incident Energy (MeV)

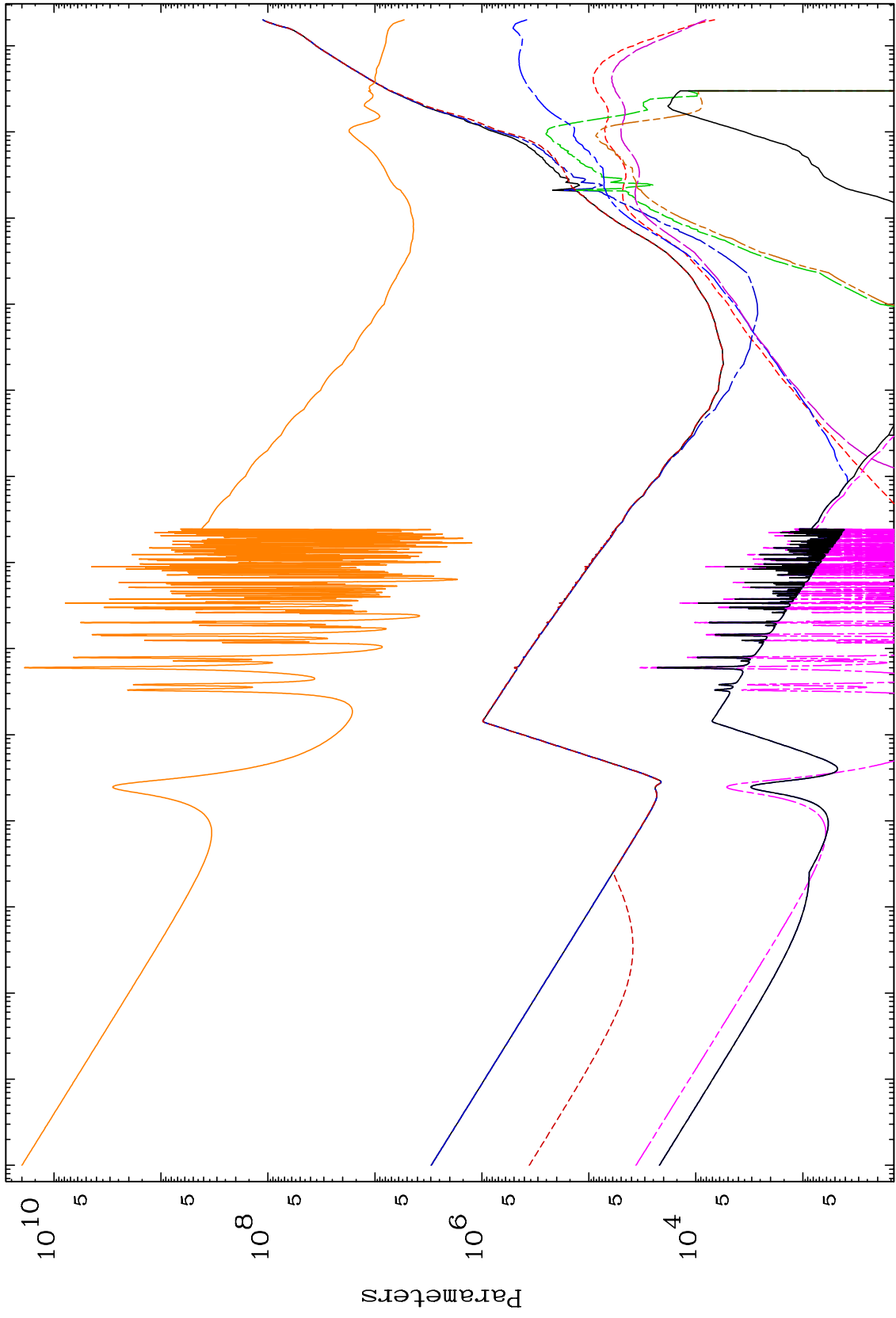
59-Pr-137

MAT 5913

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-137

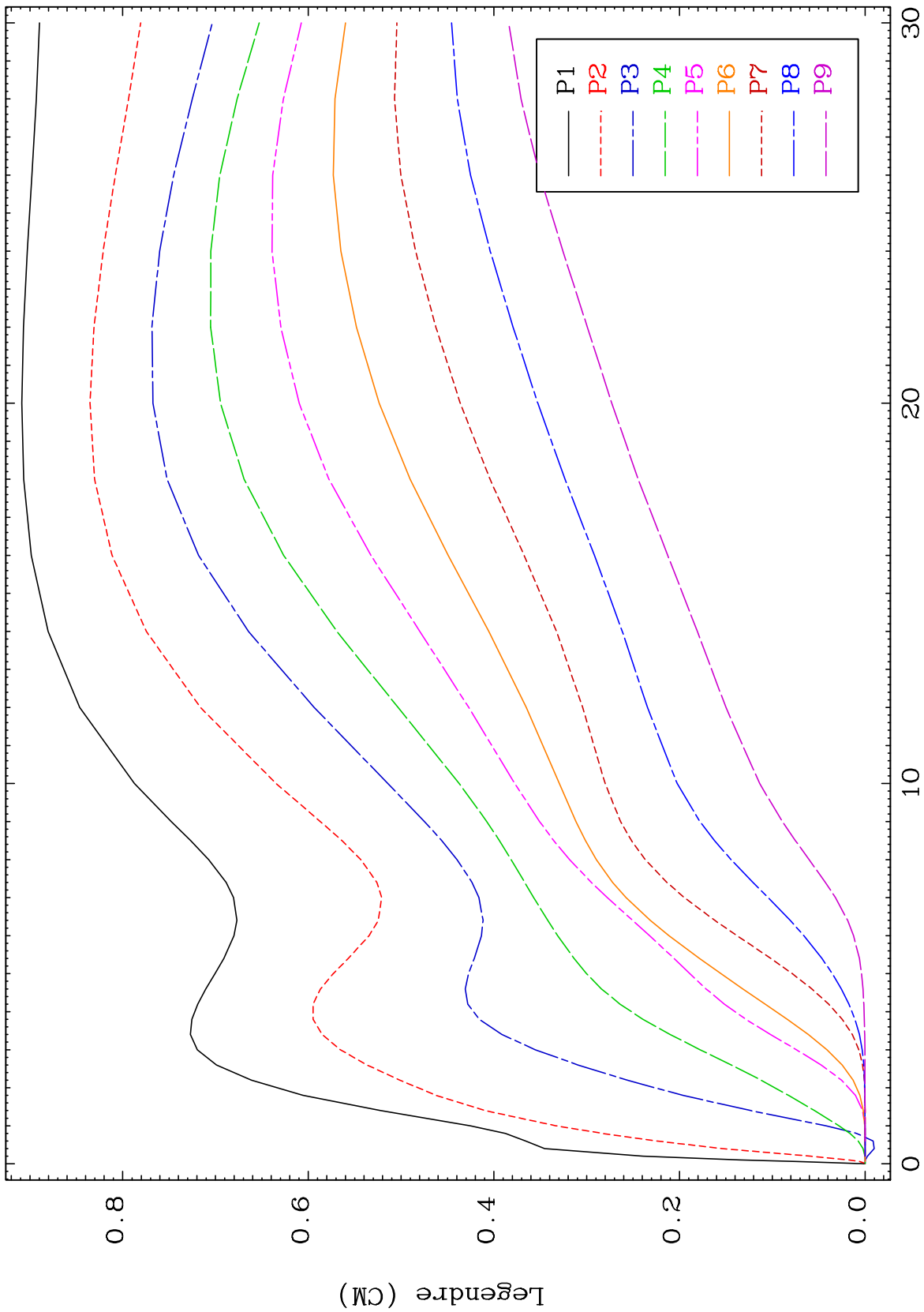




MAT 5913

59-Pr-137

Elastic Legendre Coefficients



59-Pr-137

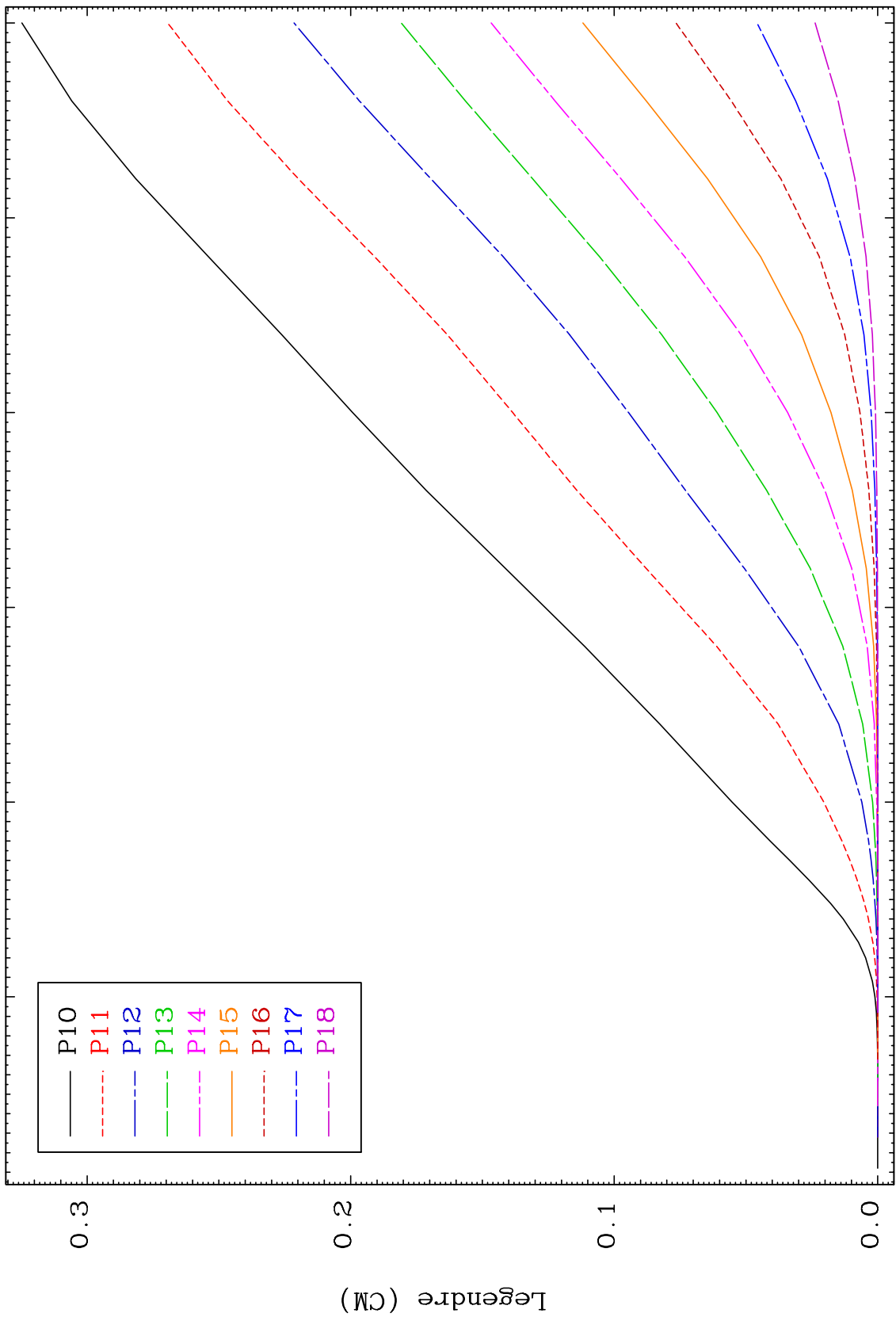
Incident Energy (MeV)

16

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



17

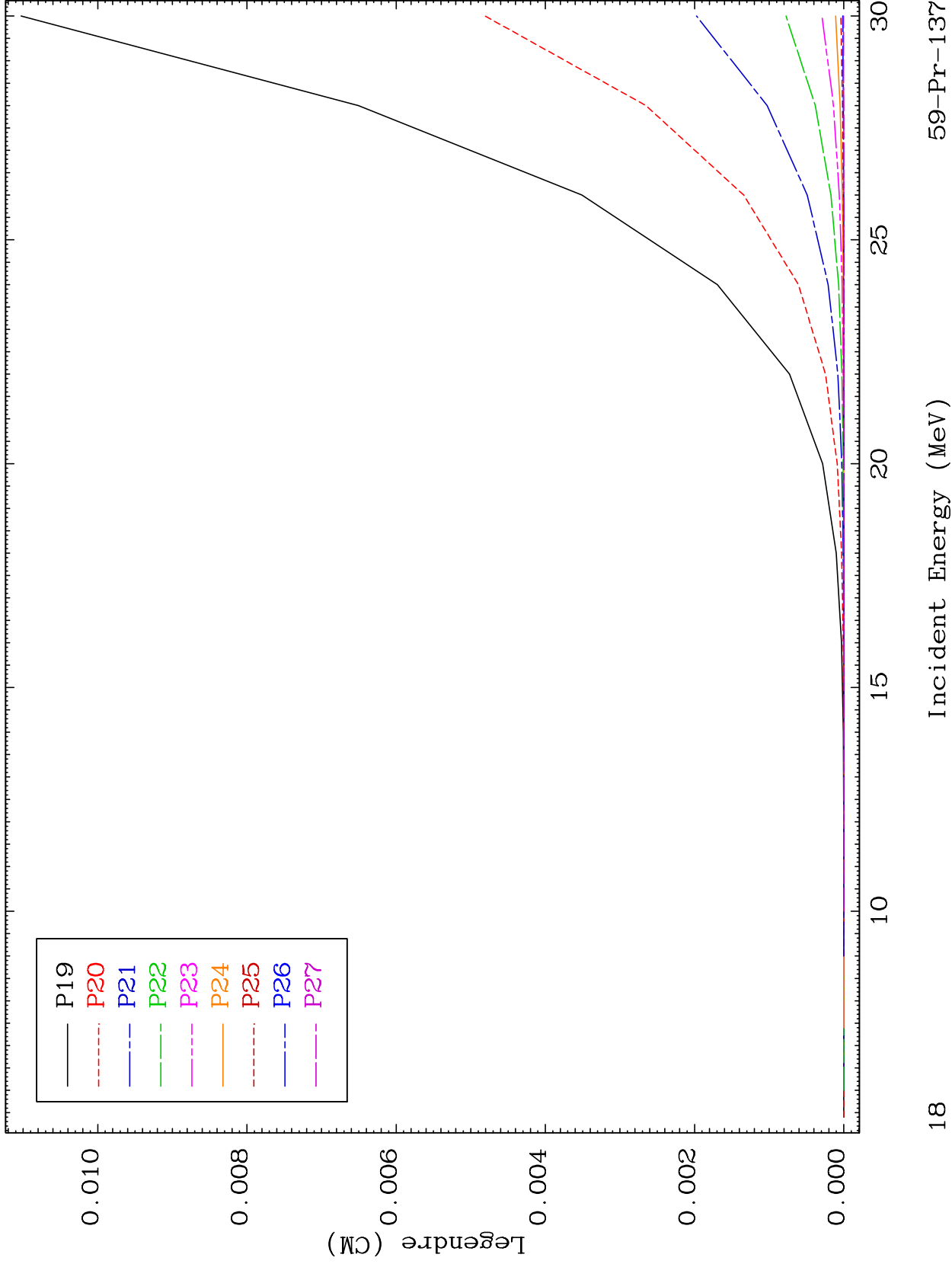
59-Pr-137

Incident Energy (MeV)

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



18

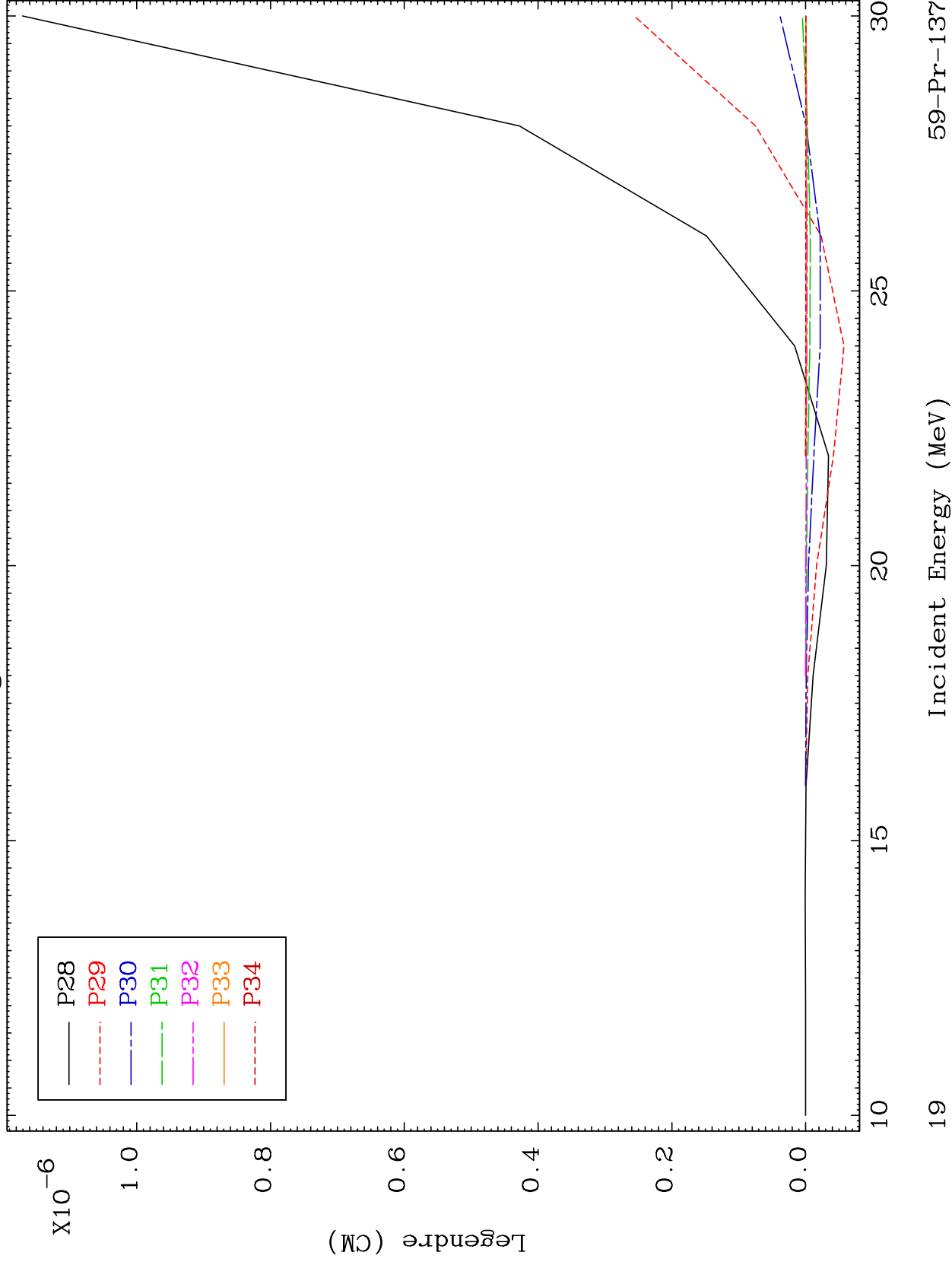
Incident Energy (MeV)

59-Pr-137

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



19

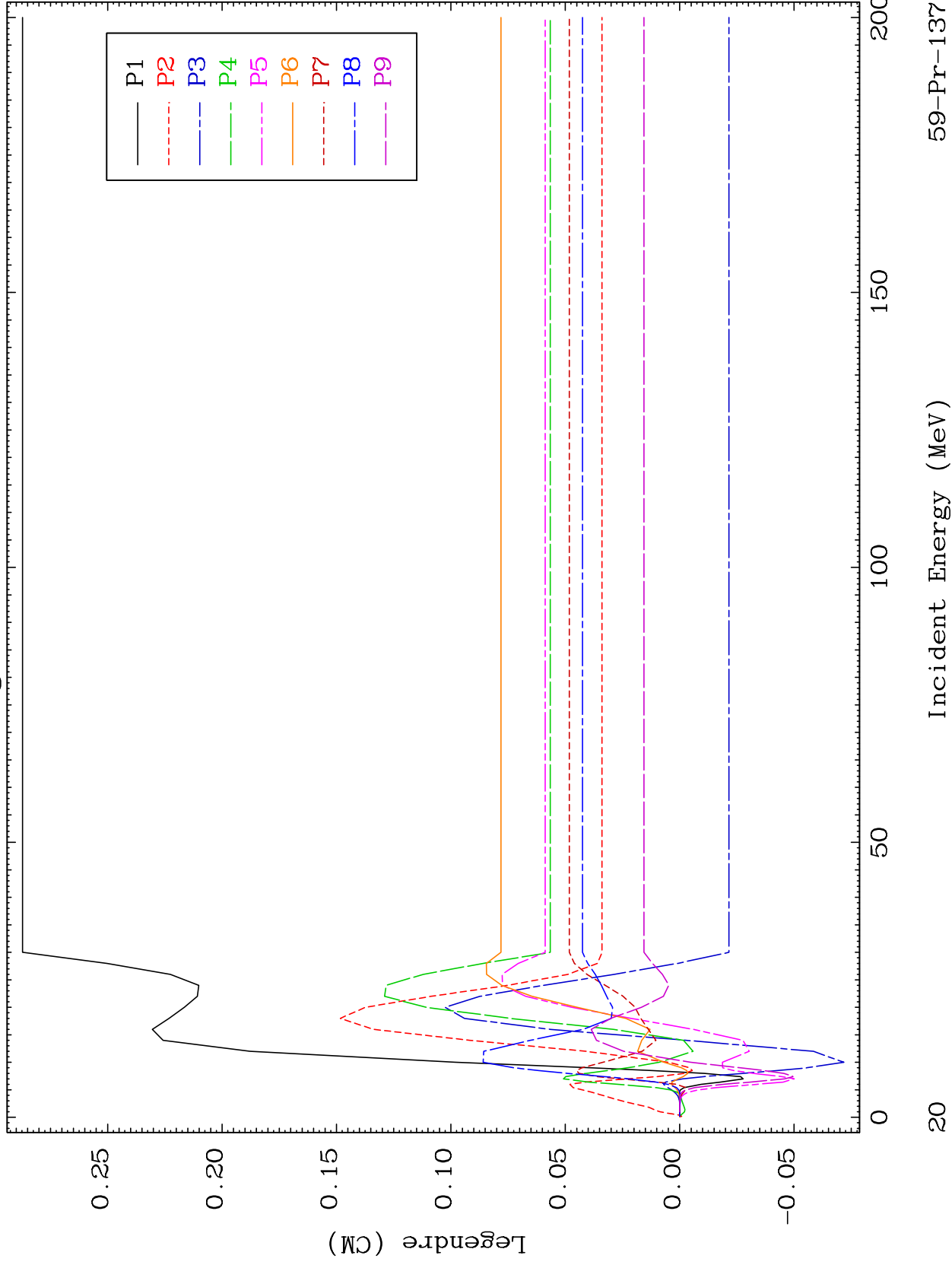
Incident Energy (MeV)

59-Pr-137

MAT 5913

75.50 keV (n,n') Level
Legendre Coefficients

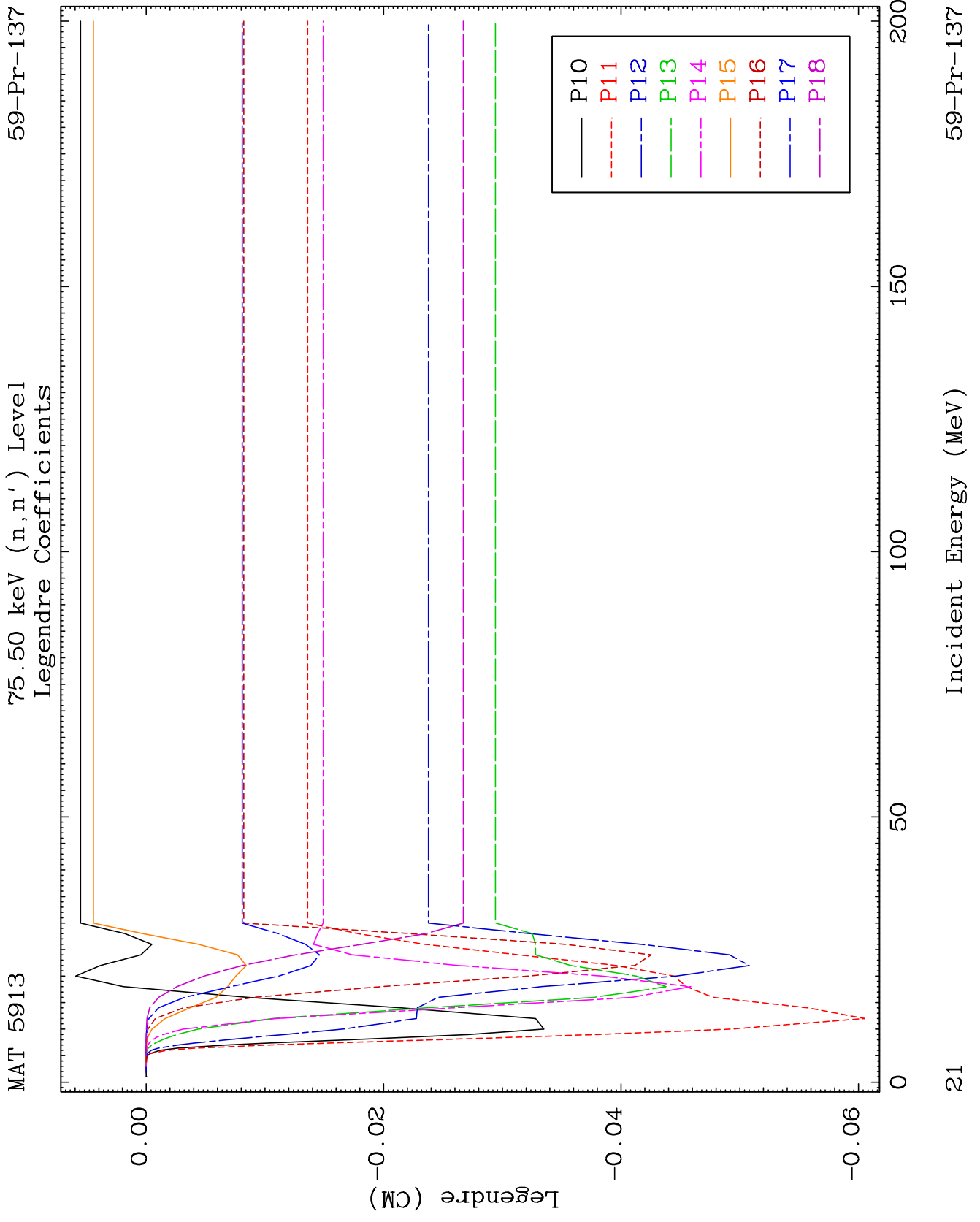
59-Pr-137

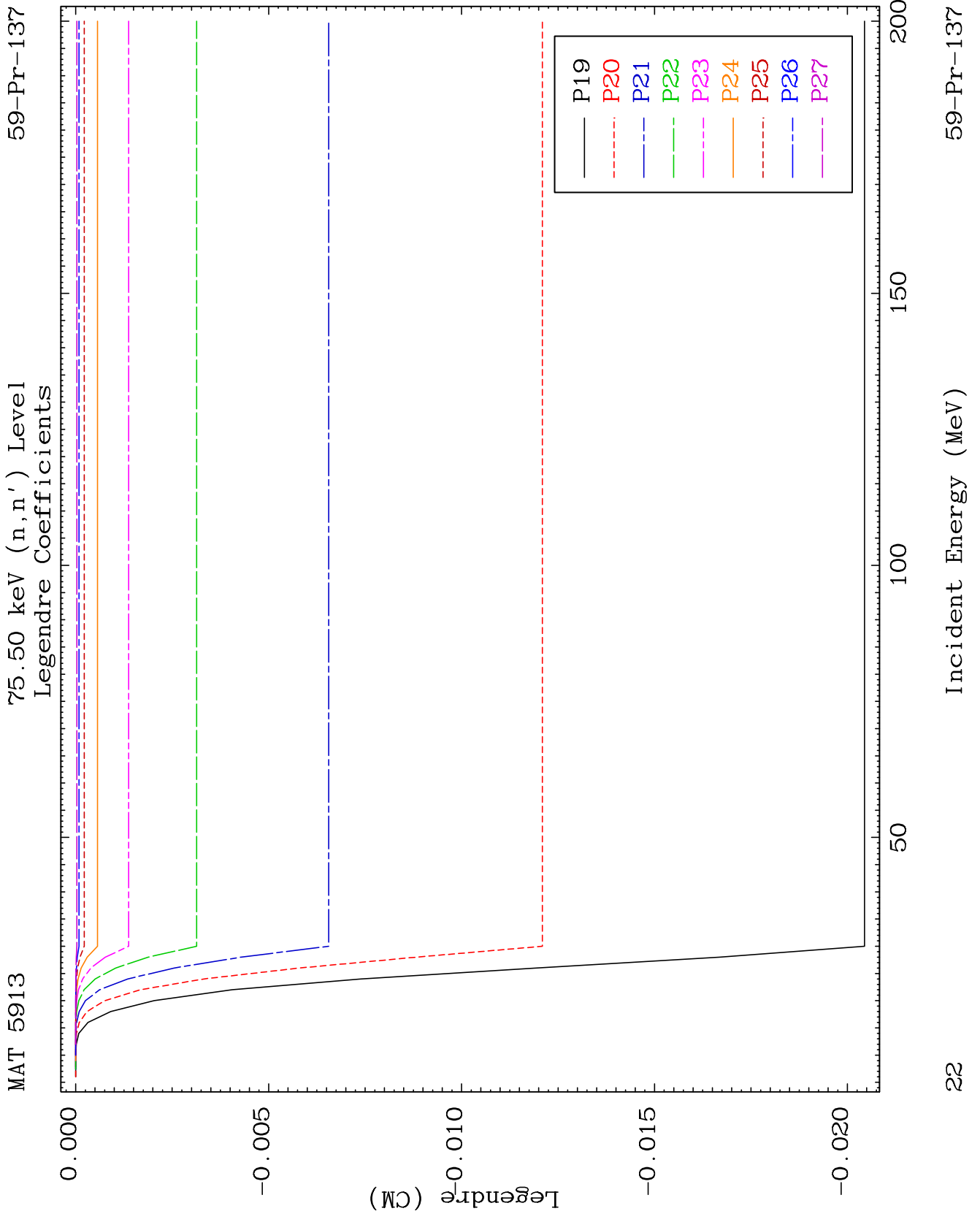


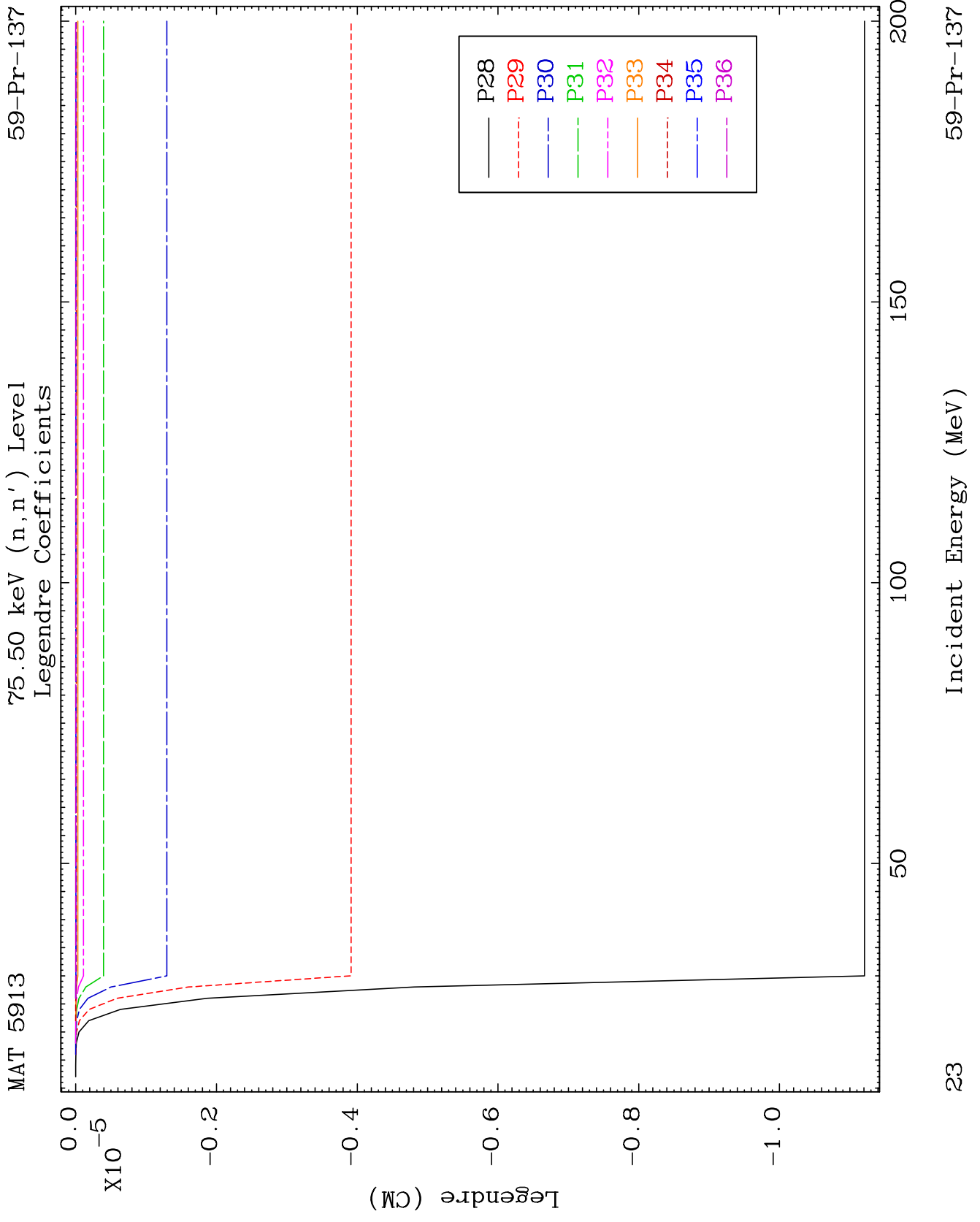
59-Pr-137

Incident Energy (MeV)

20



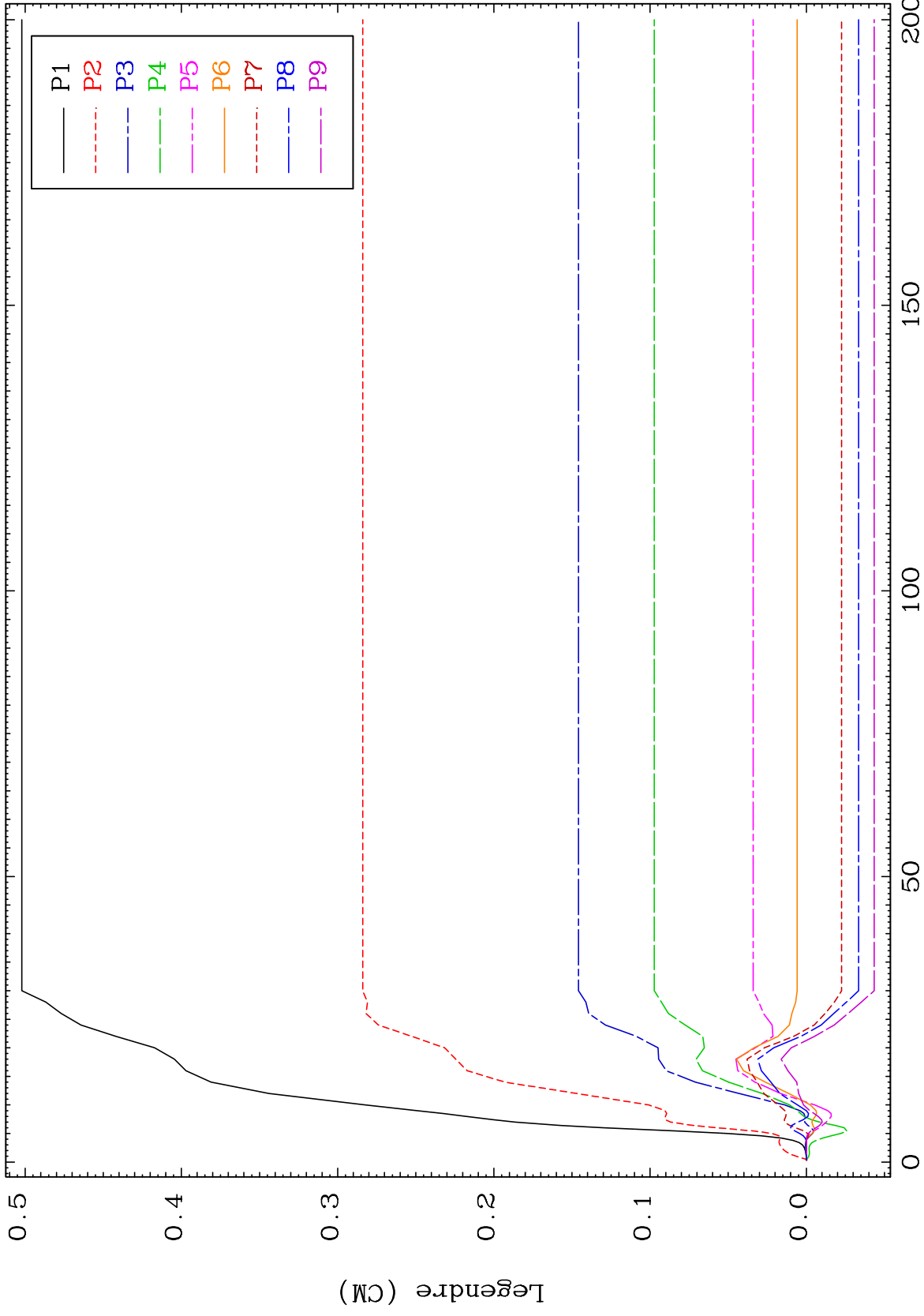




MAT 5913

229.9 keV (n,n') Level
Legendre Coefficients

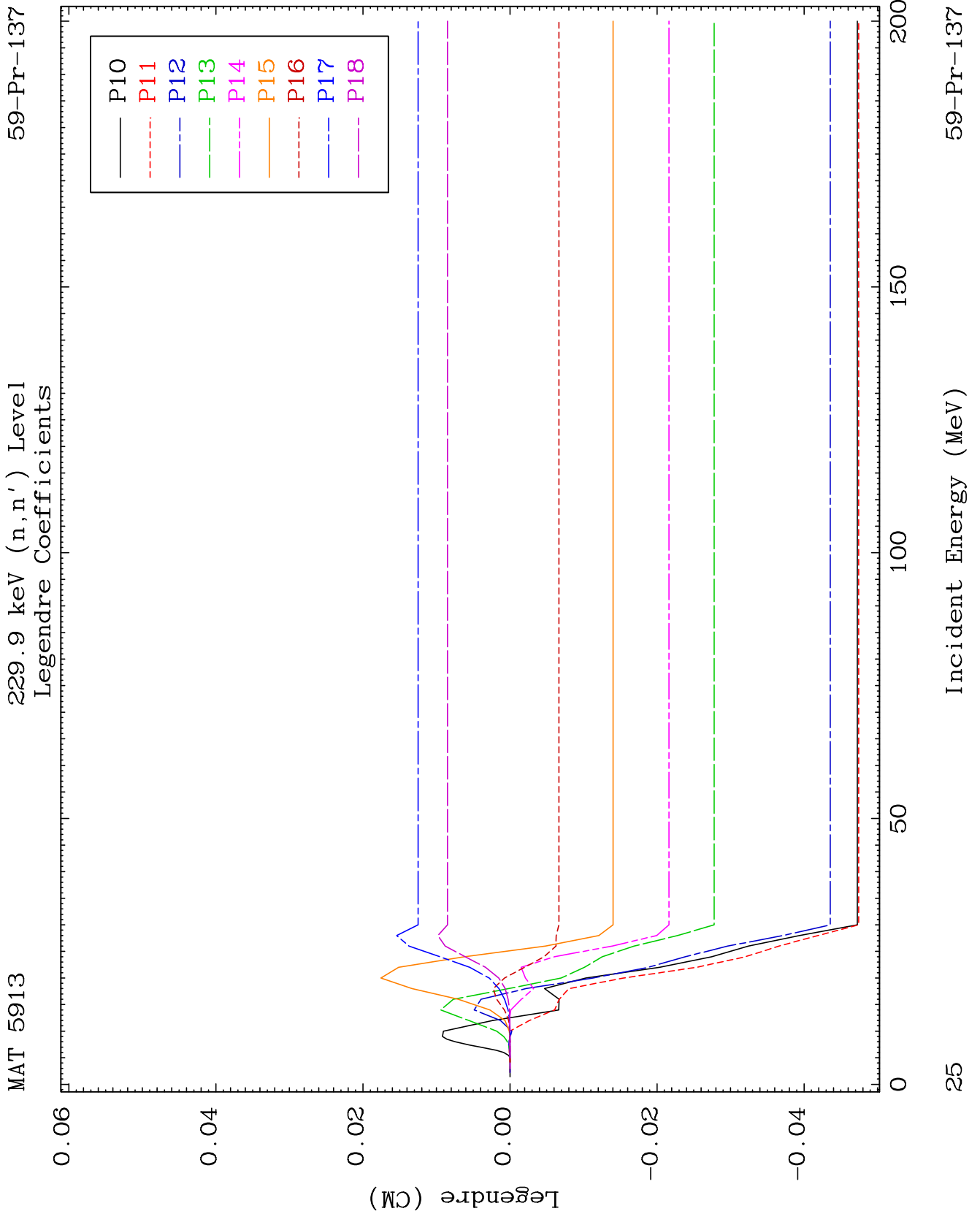
59-Pr-137

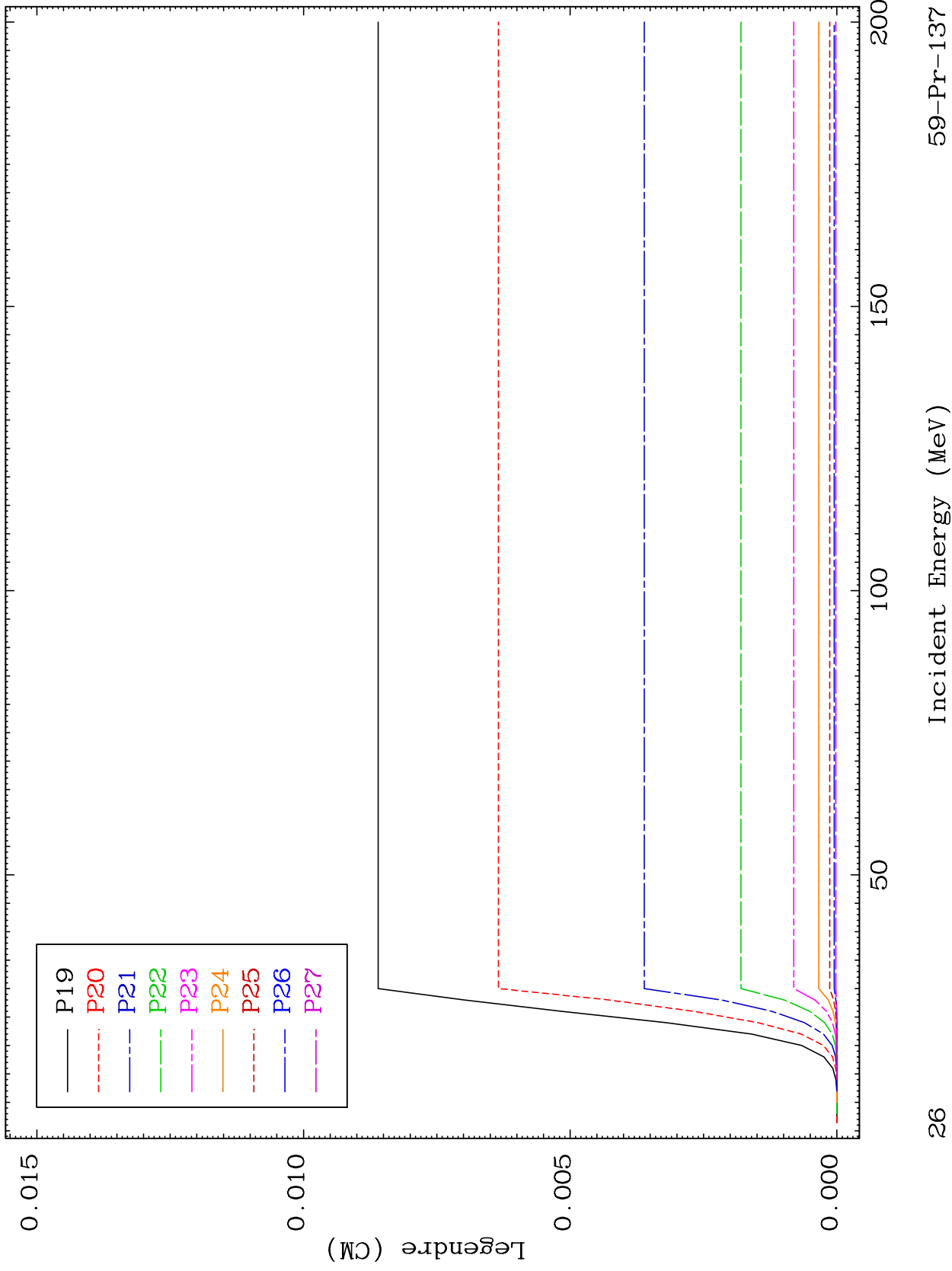


59-Pr-137

Incident Energy (MeV)

24

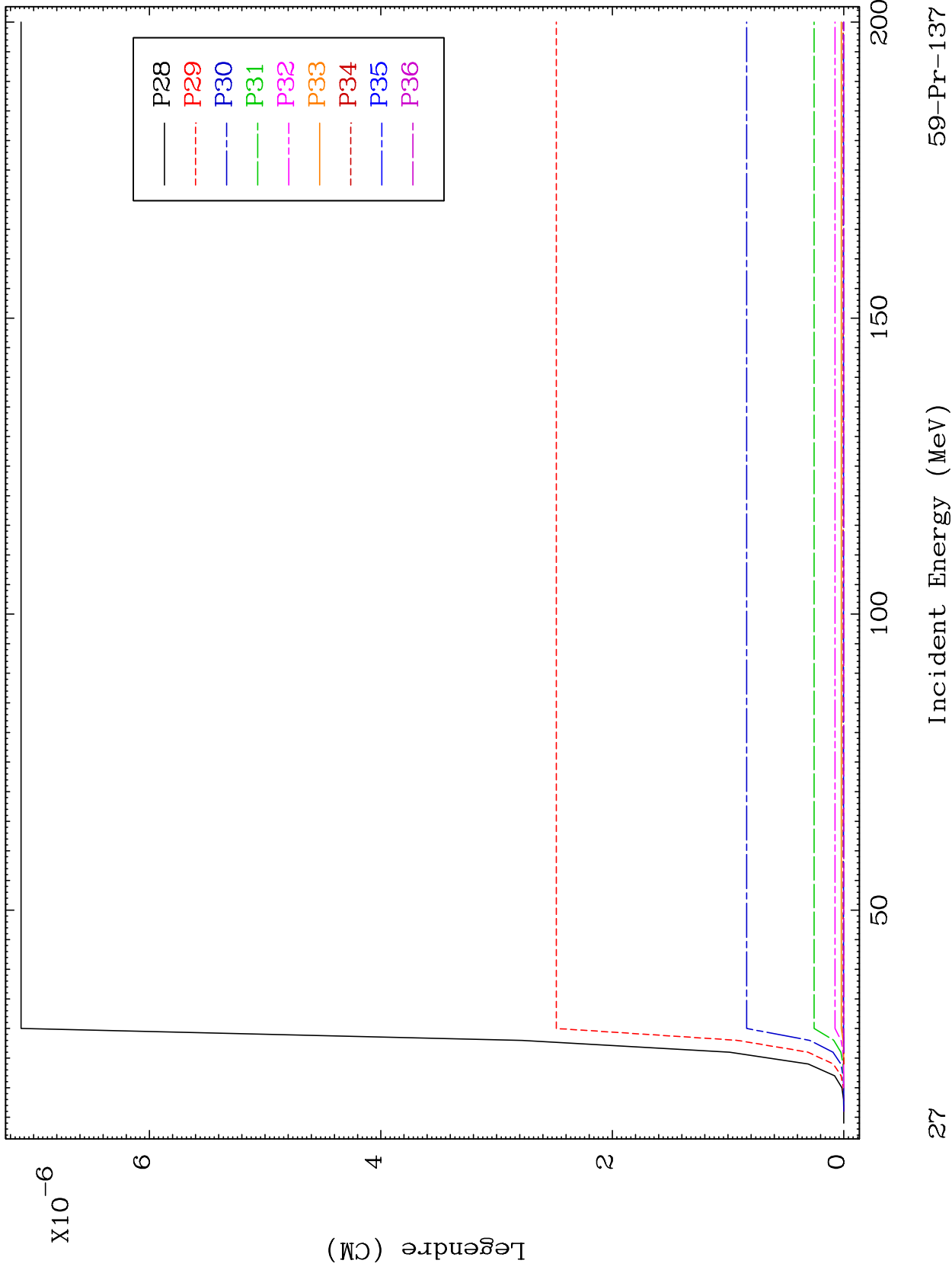




MAT 5913

229.9 keV (n,n') Level
Legendre Coefficients

59-Pr-137



27

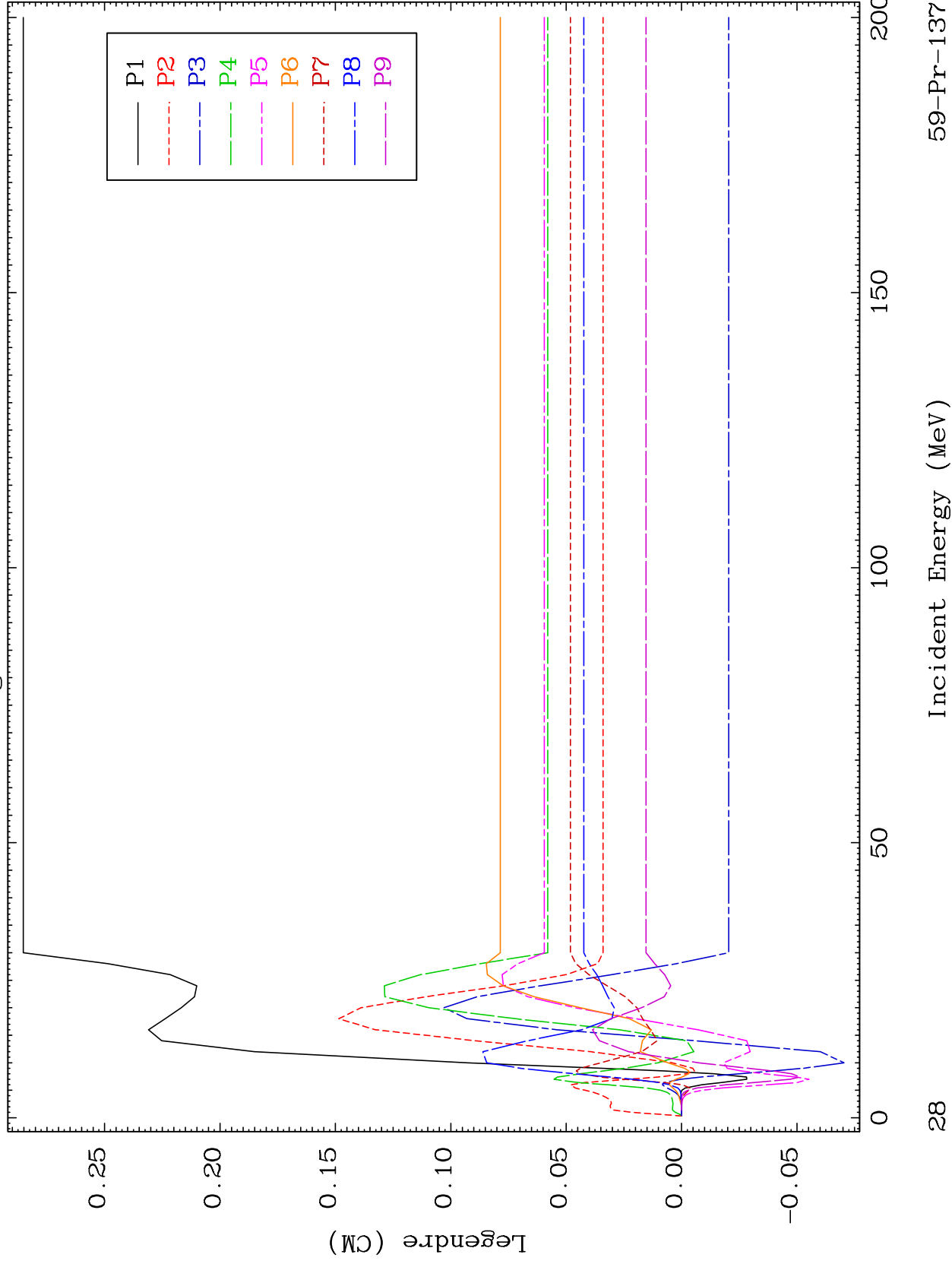
Incident Energy (MeV)

59-Pr-137

MAT 5913

313.6 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

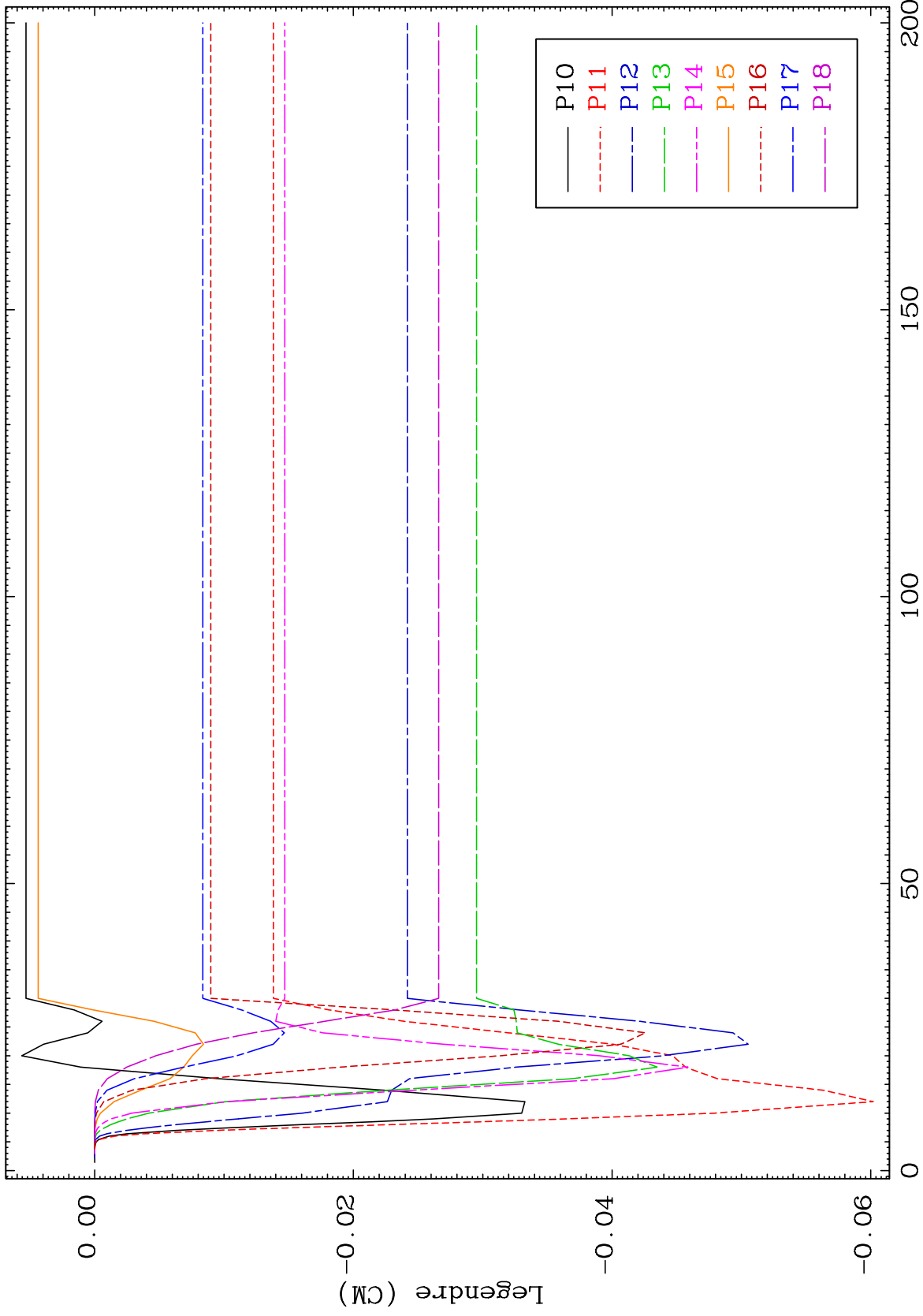
Incident Energy (MeV)

28

MAT 5913

313.6 keV (n,n') Level
Legendre Coefficients

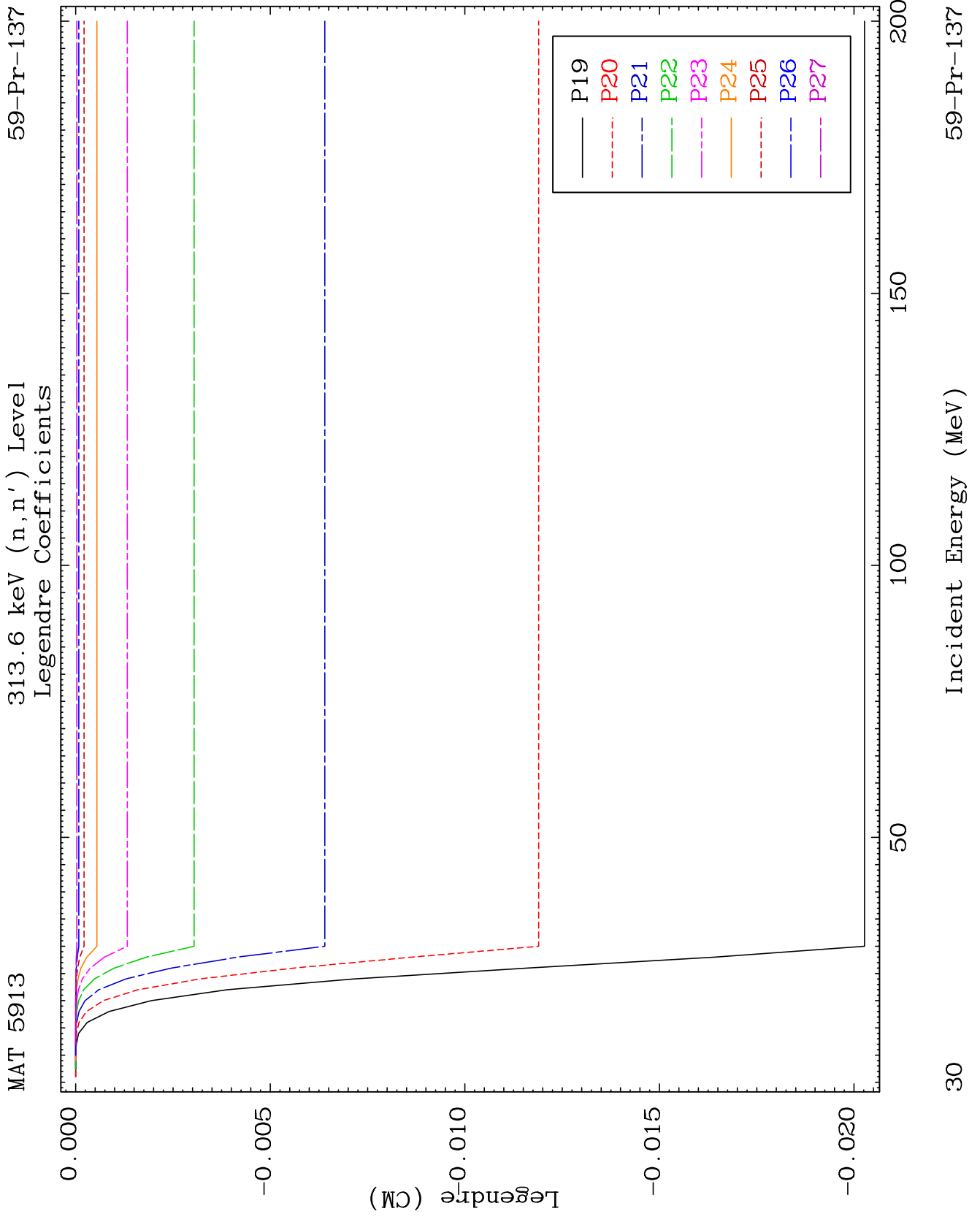
59-Pr-137

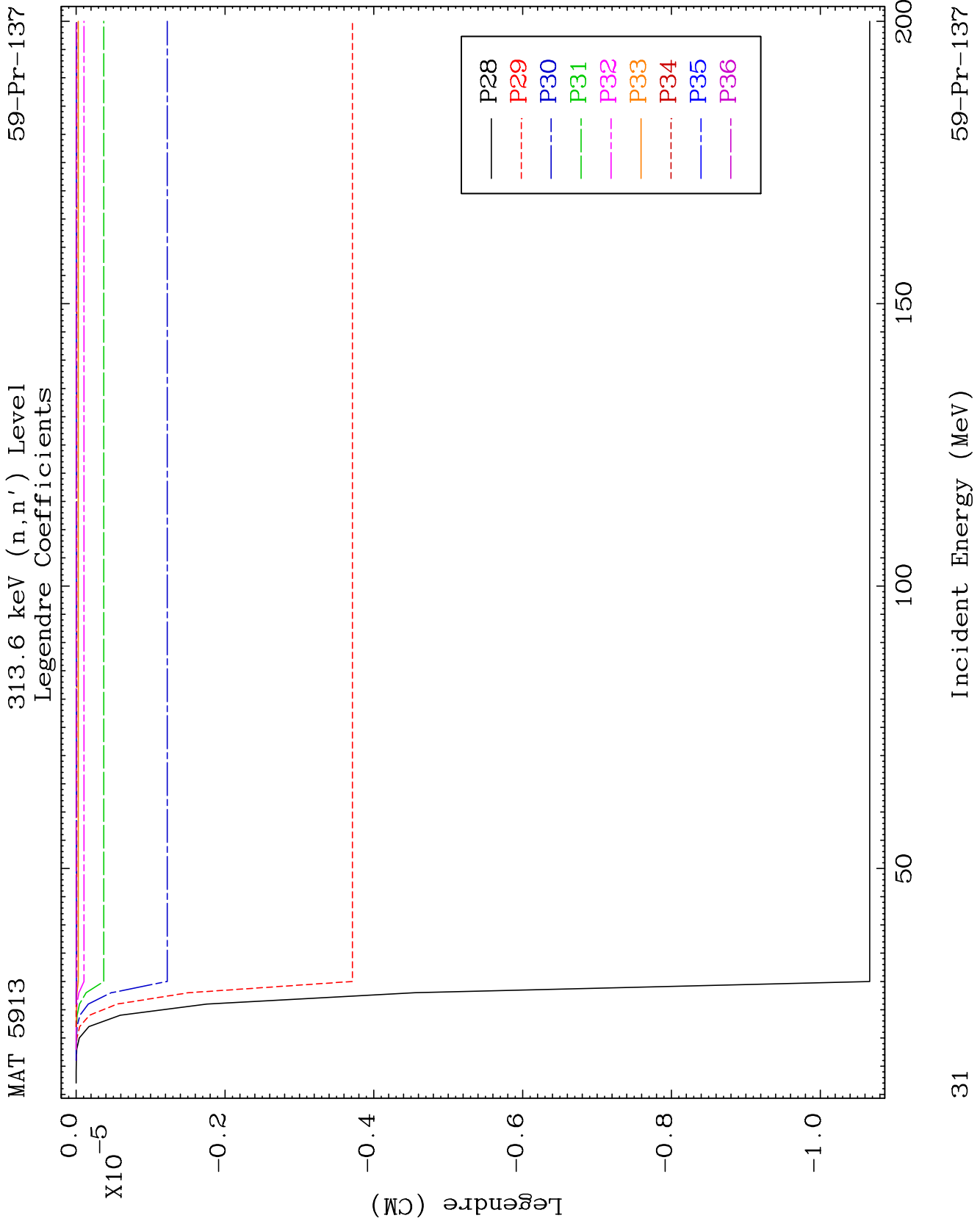


29

Incident Energy (MeV)

59-Pr-137

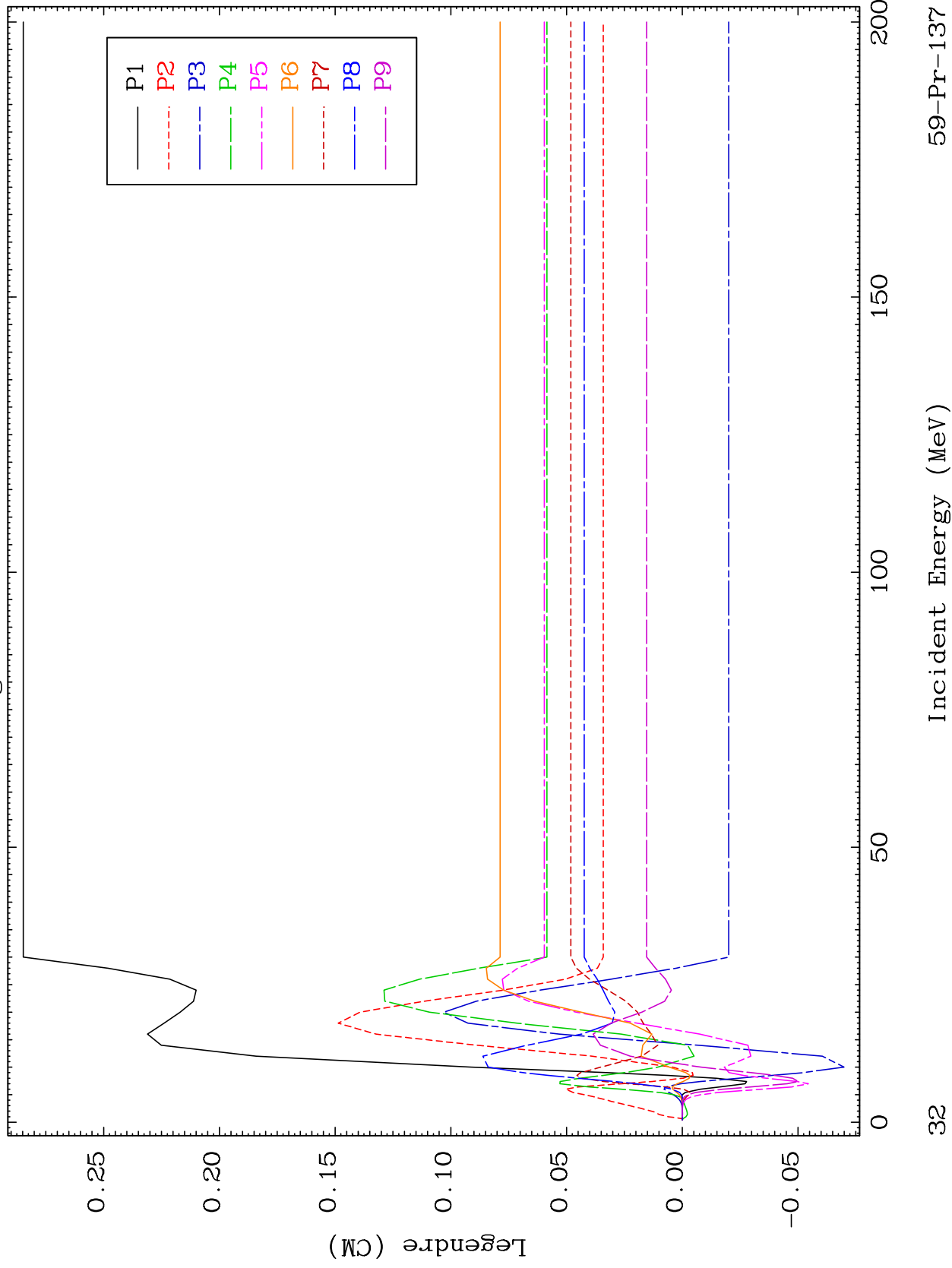




MAT 5913

382.0 keV (n,n') Level
Legendre Coefficients

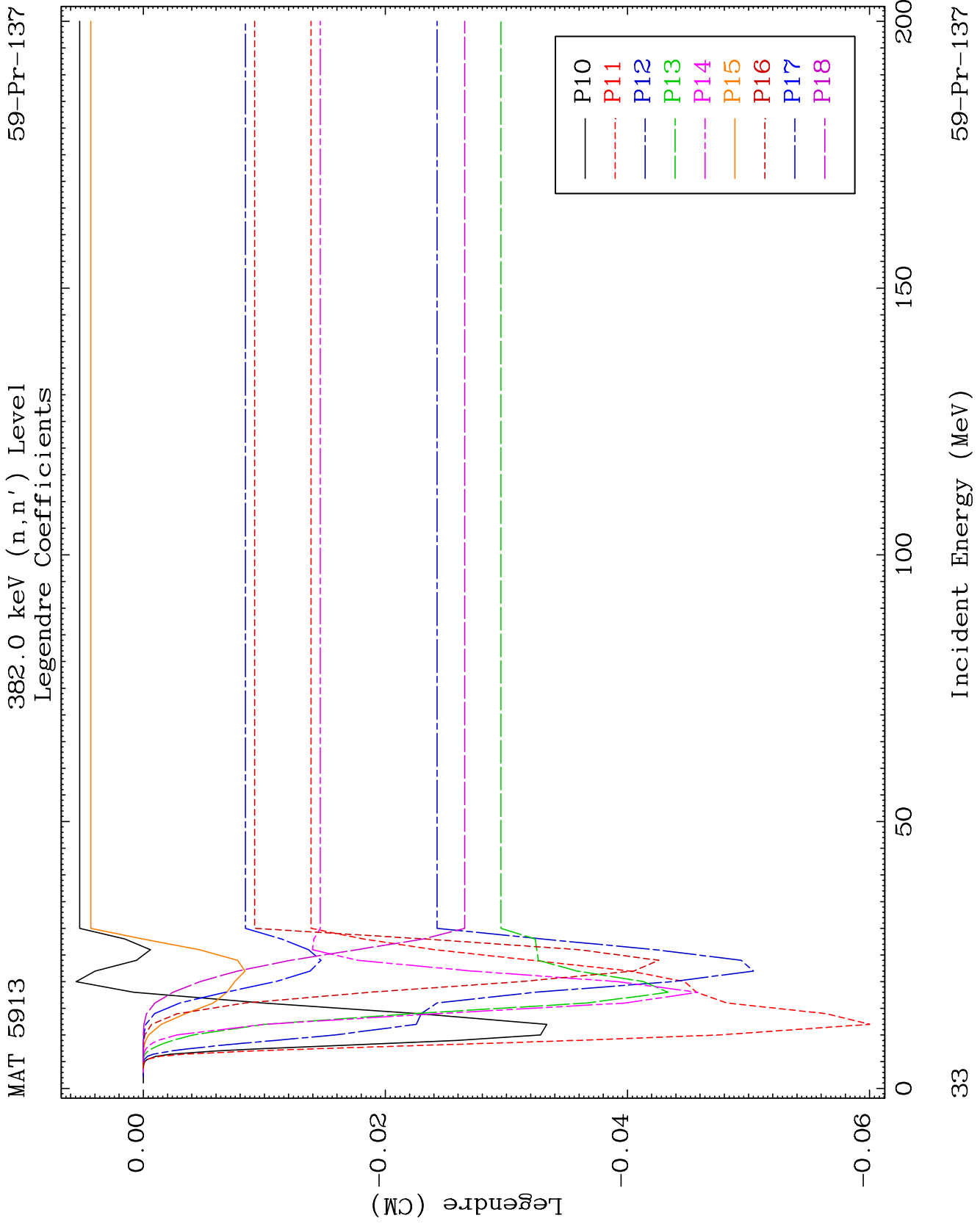
59-Pr-137

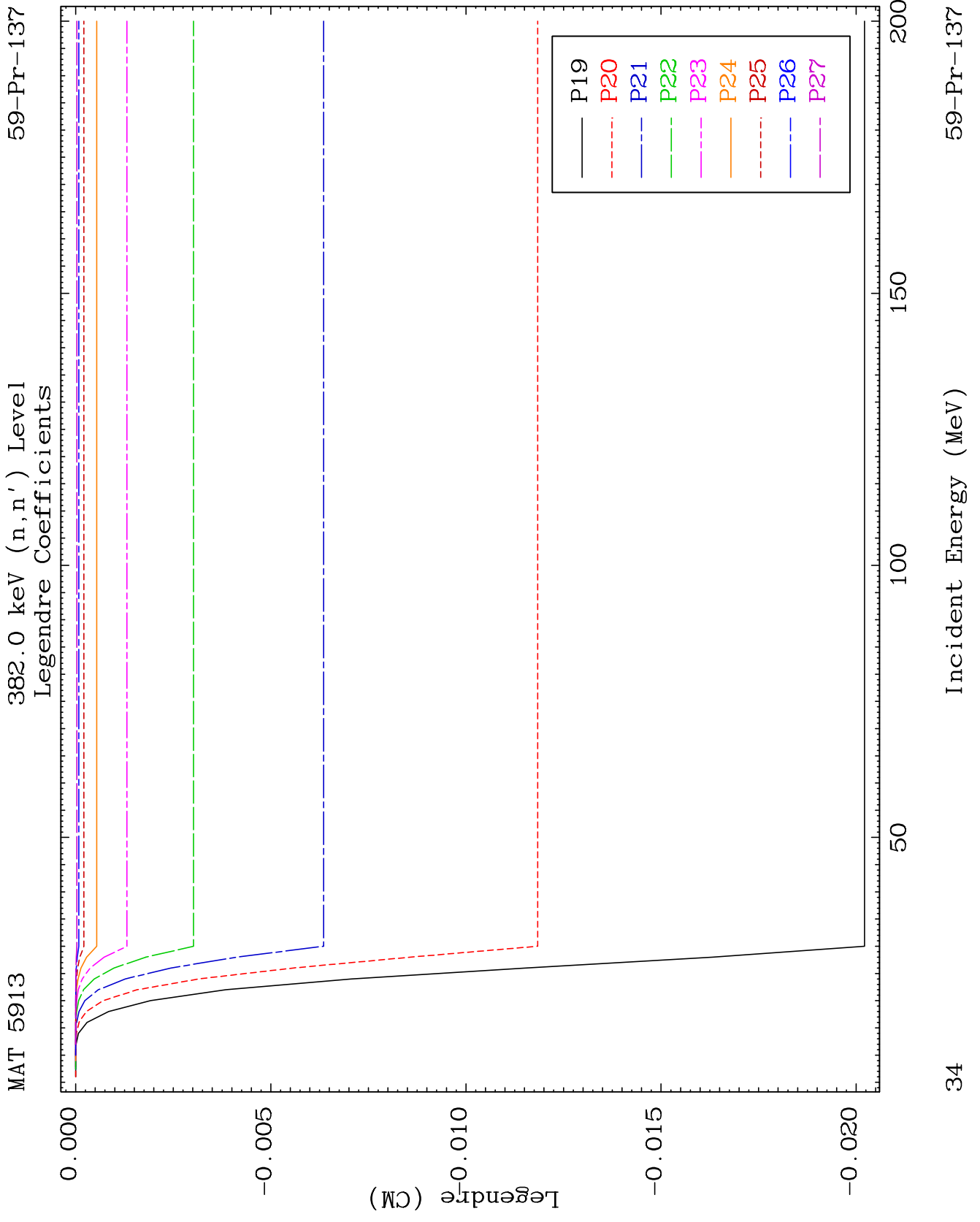


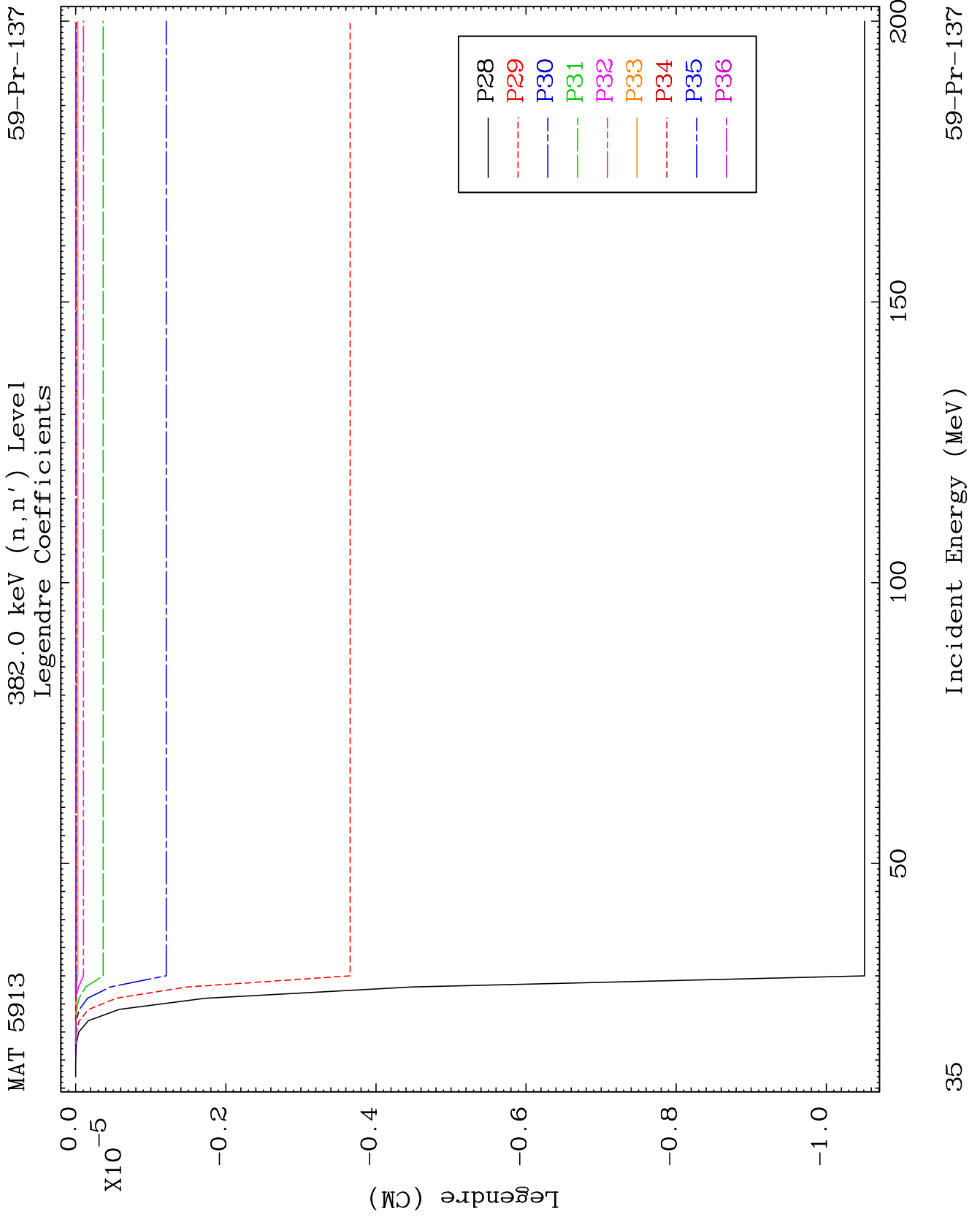
59-Pr-137

Incident Energy (MeV)

32



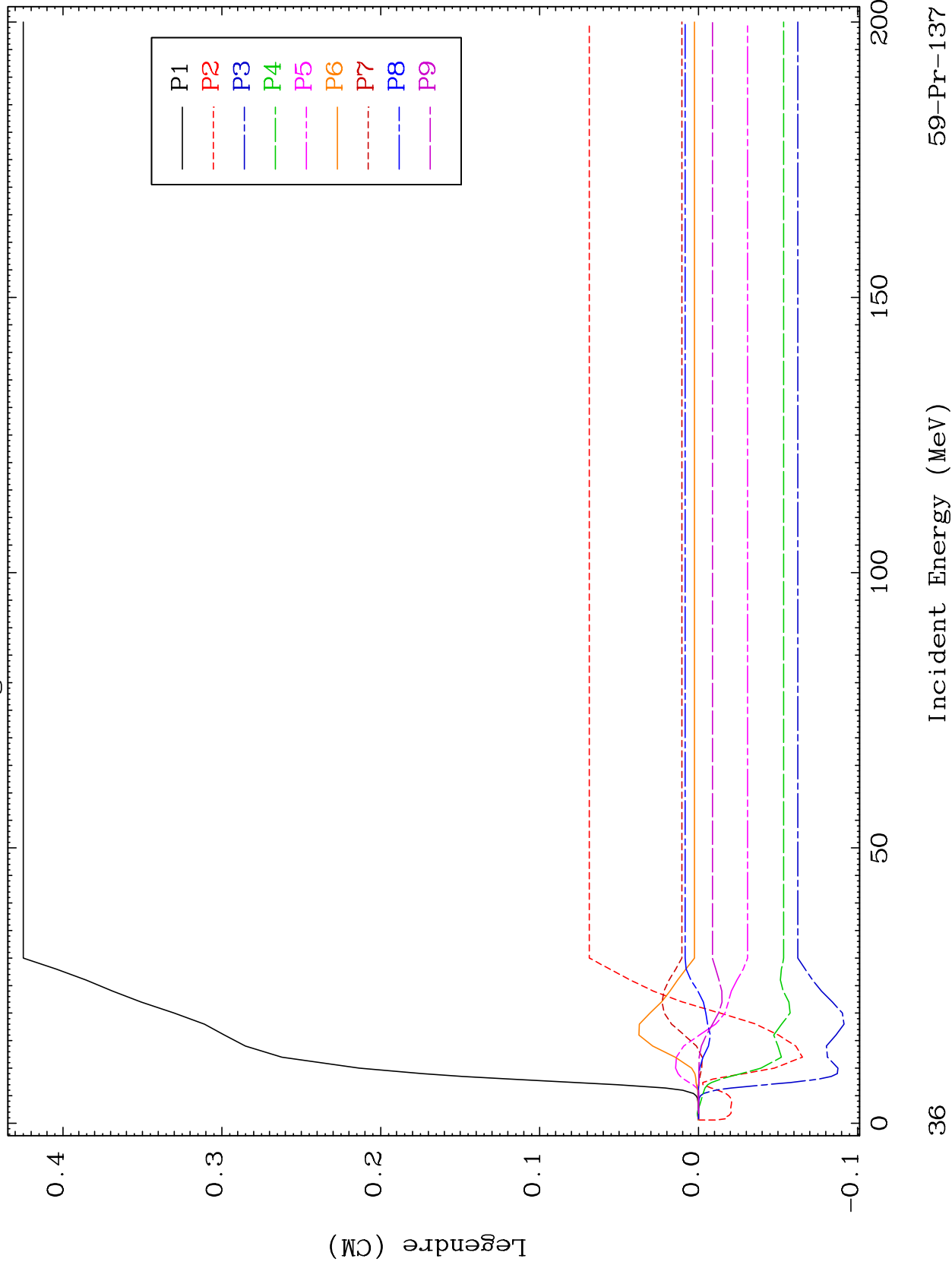




MAT 5913

561.2 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

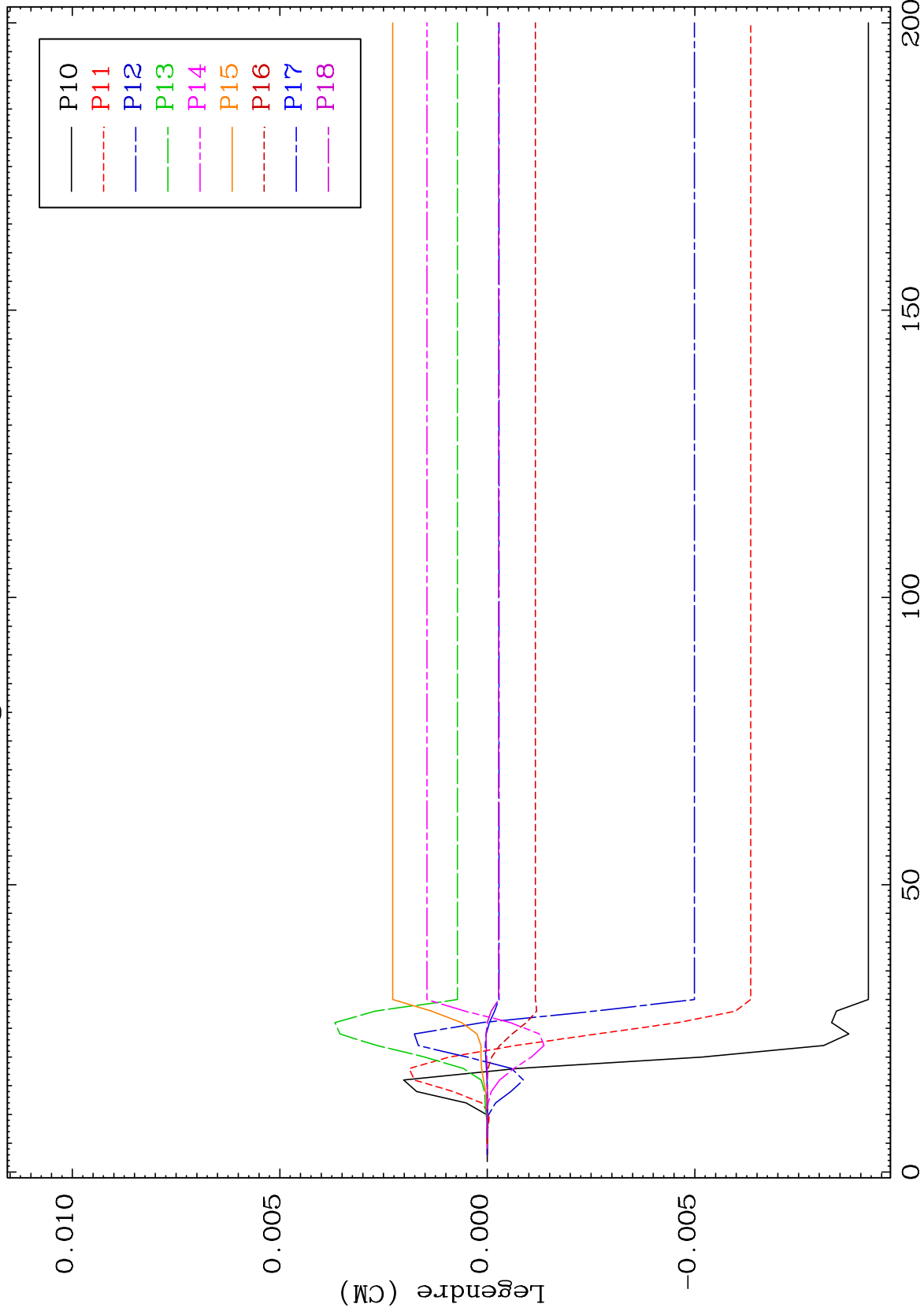
Incident Energy (MeV)

36

MAT 5913

561.2 keV (n,n') Level
Legendre Coefficients

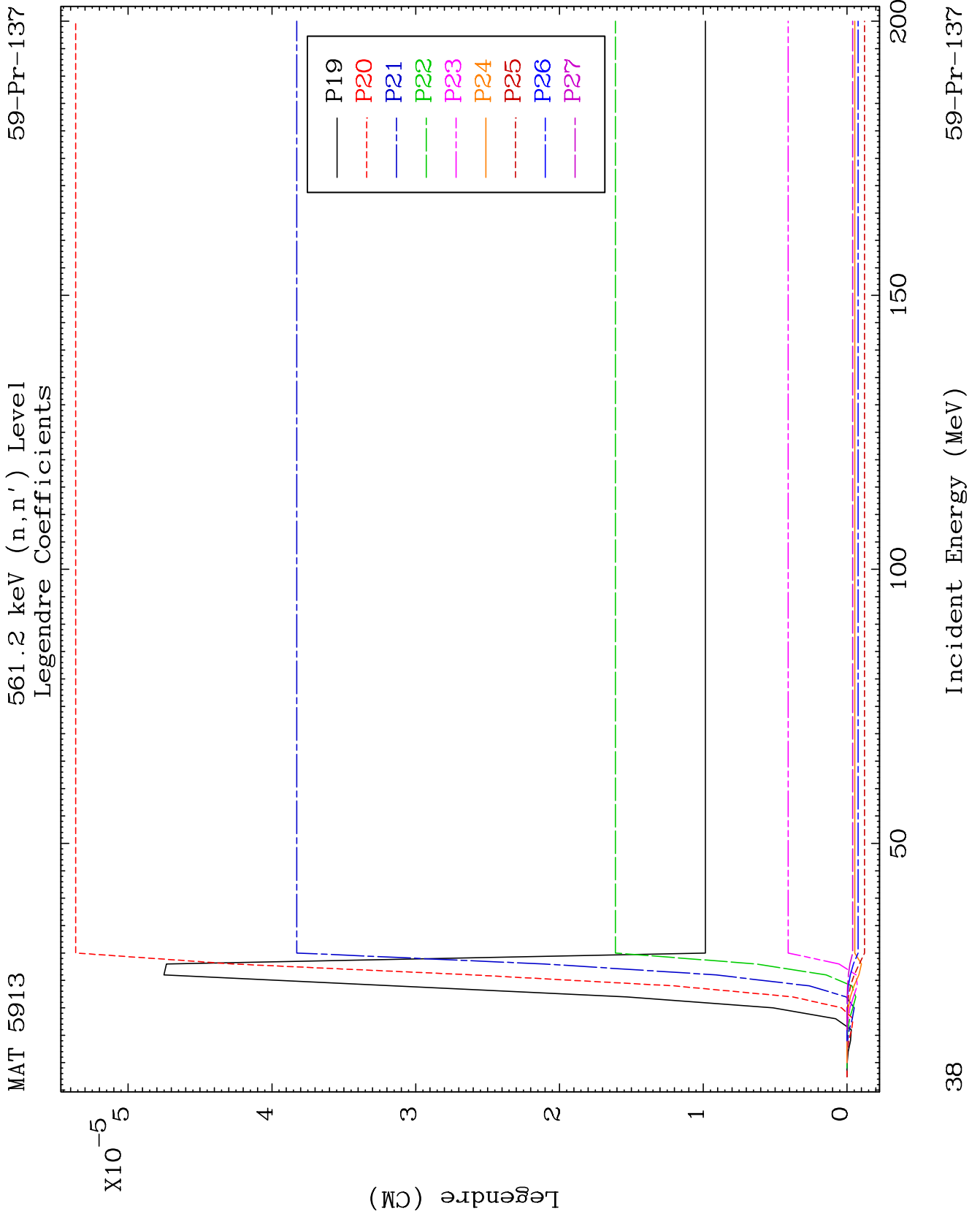
59-Pr-137

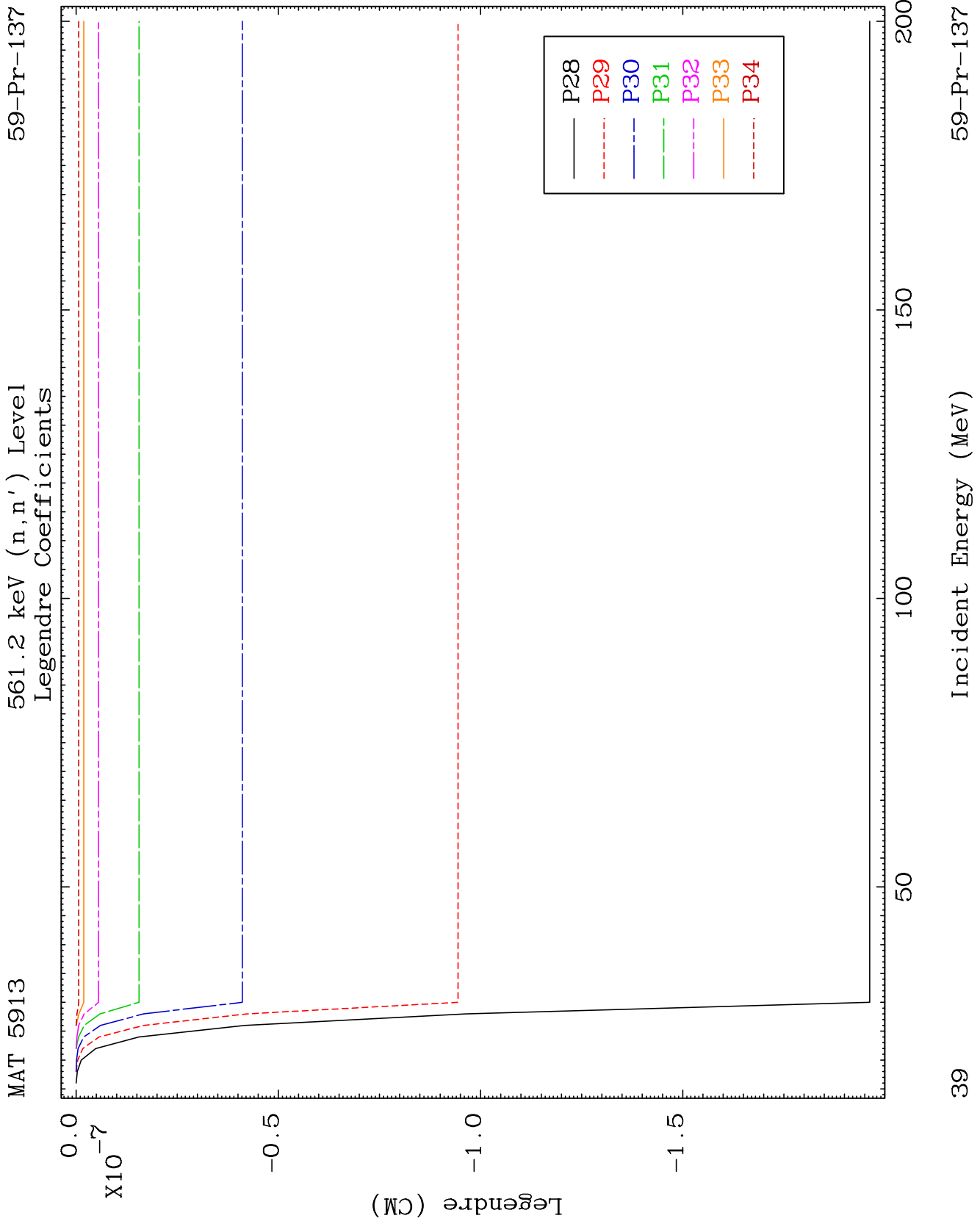


37

Incident Energy (MeV)

59-Pr-137

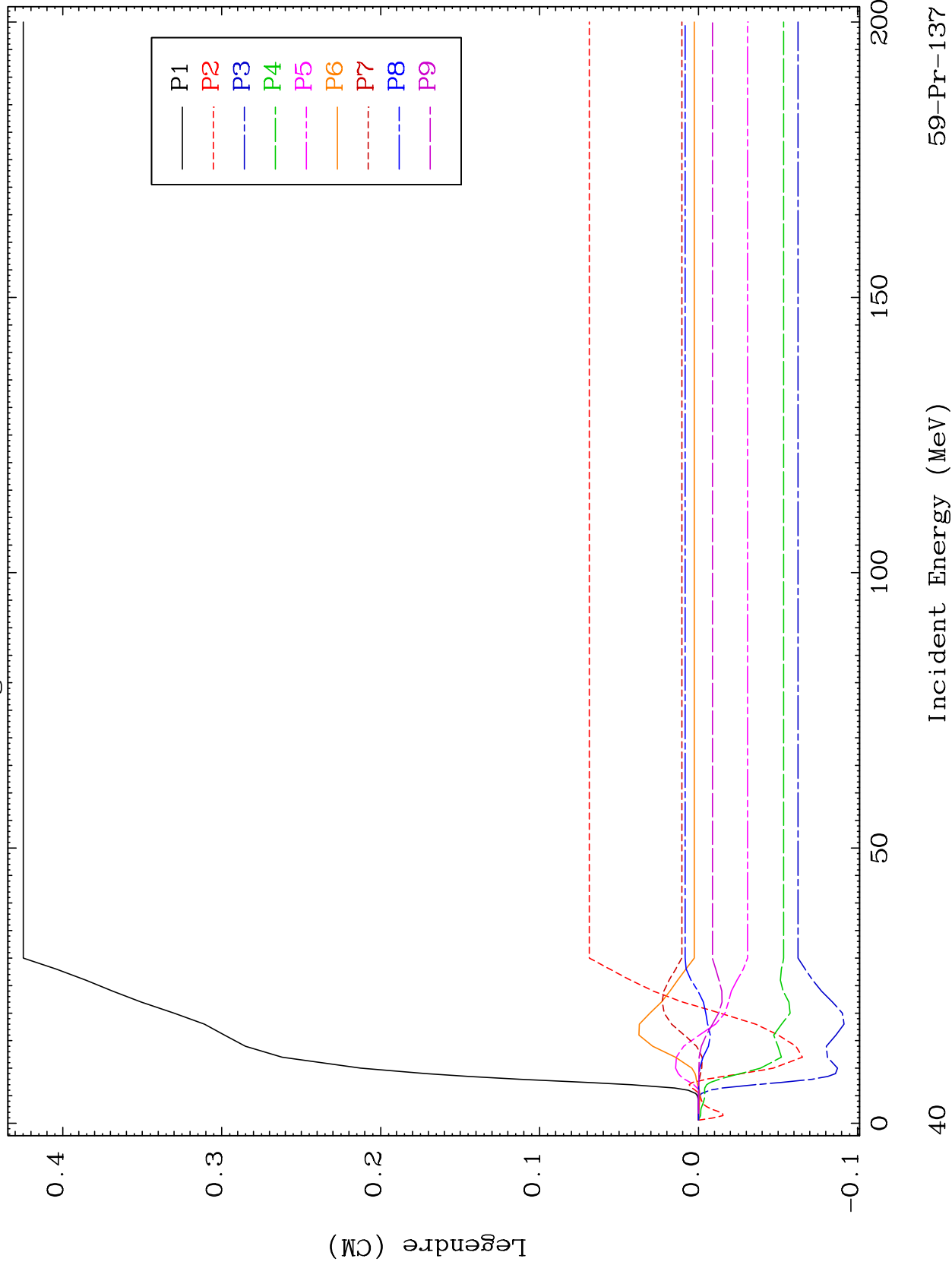




MAT 5913

571.4 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

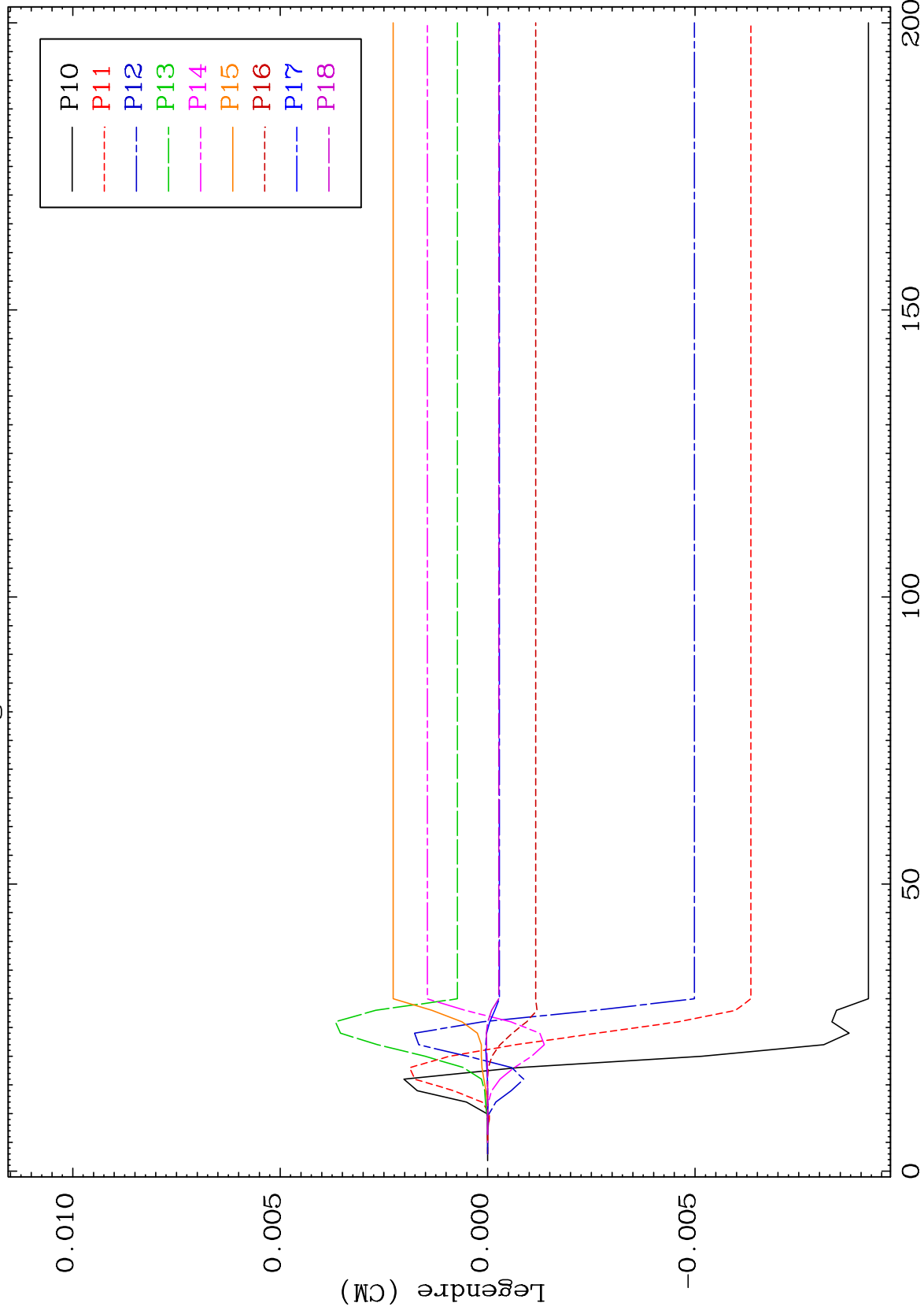
Incident Energy (MeV)

40

MAT 5913

571.4 keV (n,n') Level
Legendre Coefficients

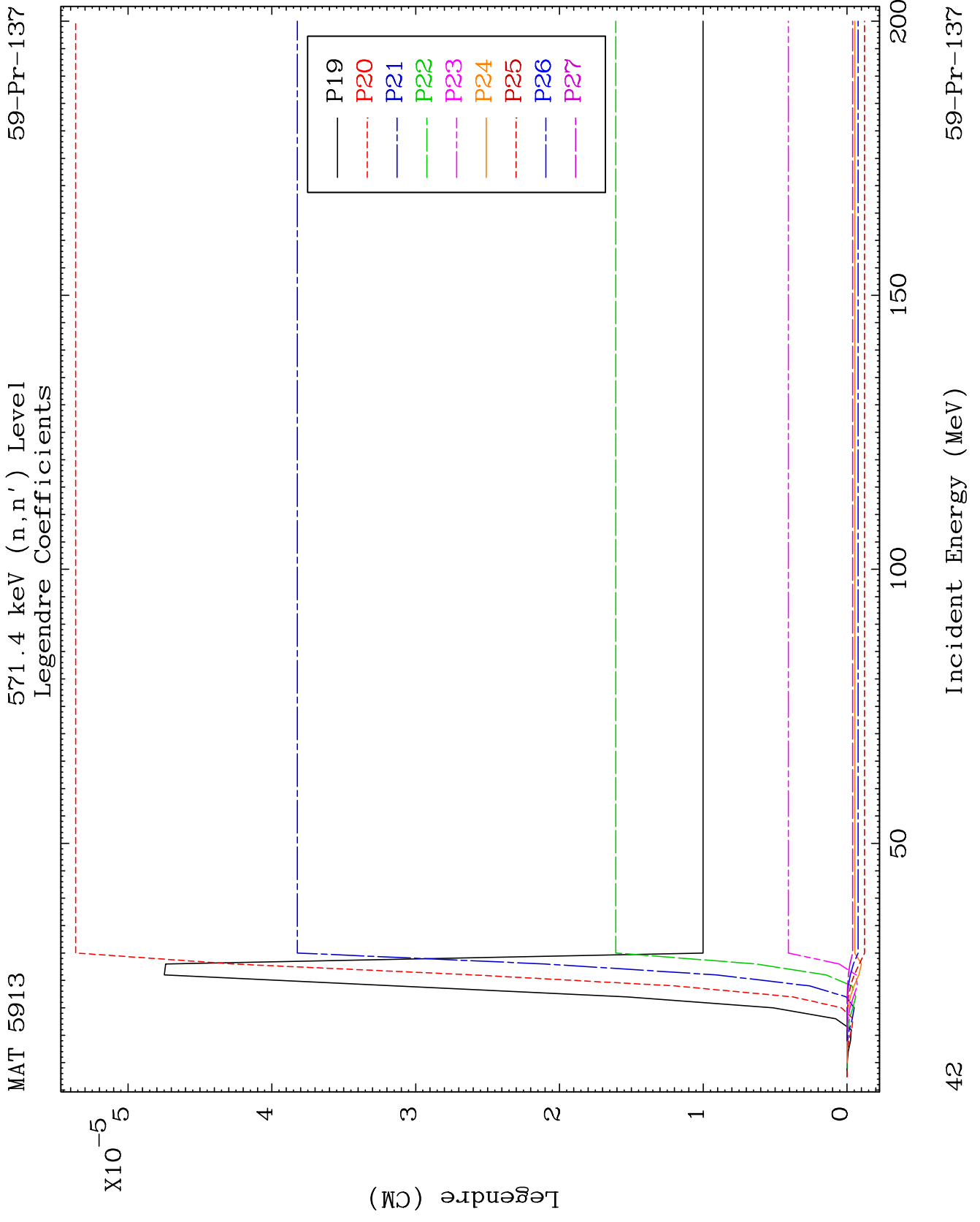
59-Pr-137



41

Incident Energy (MeV)

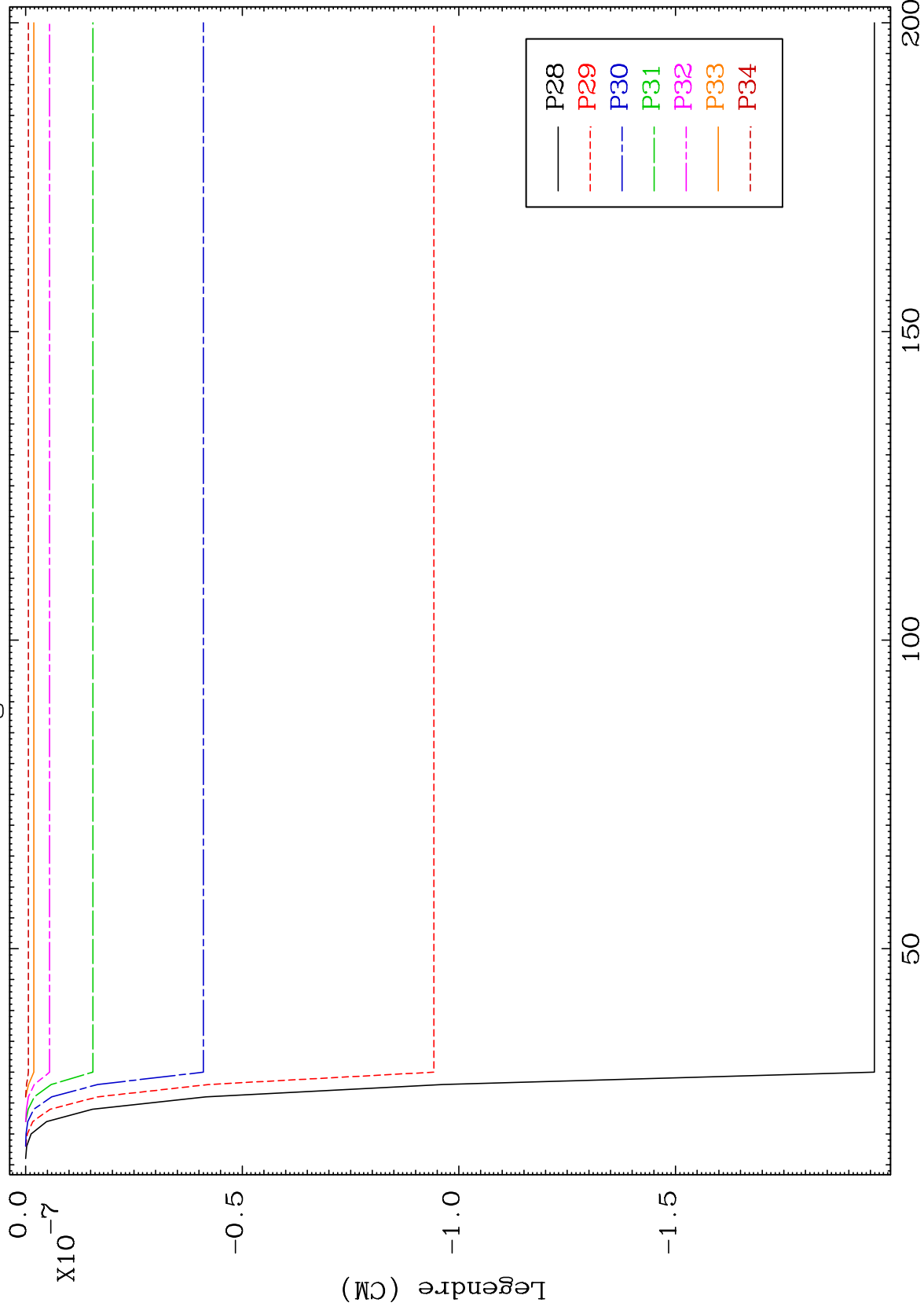
59-Pr-137



MAT 5913

571.4 keV (n,n') Level
Legendre Coefficients

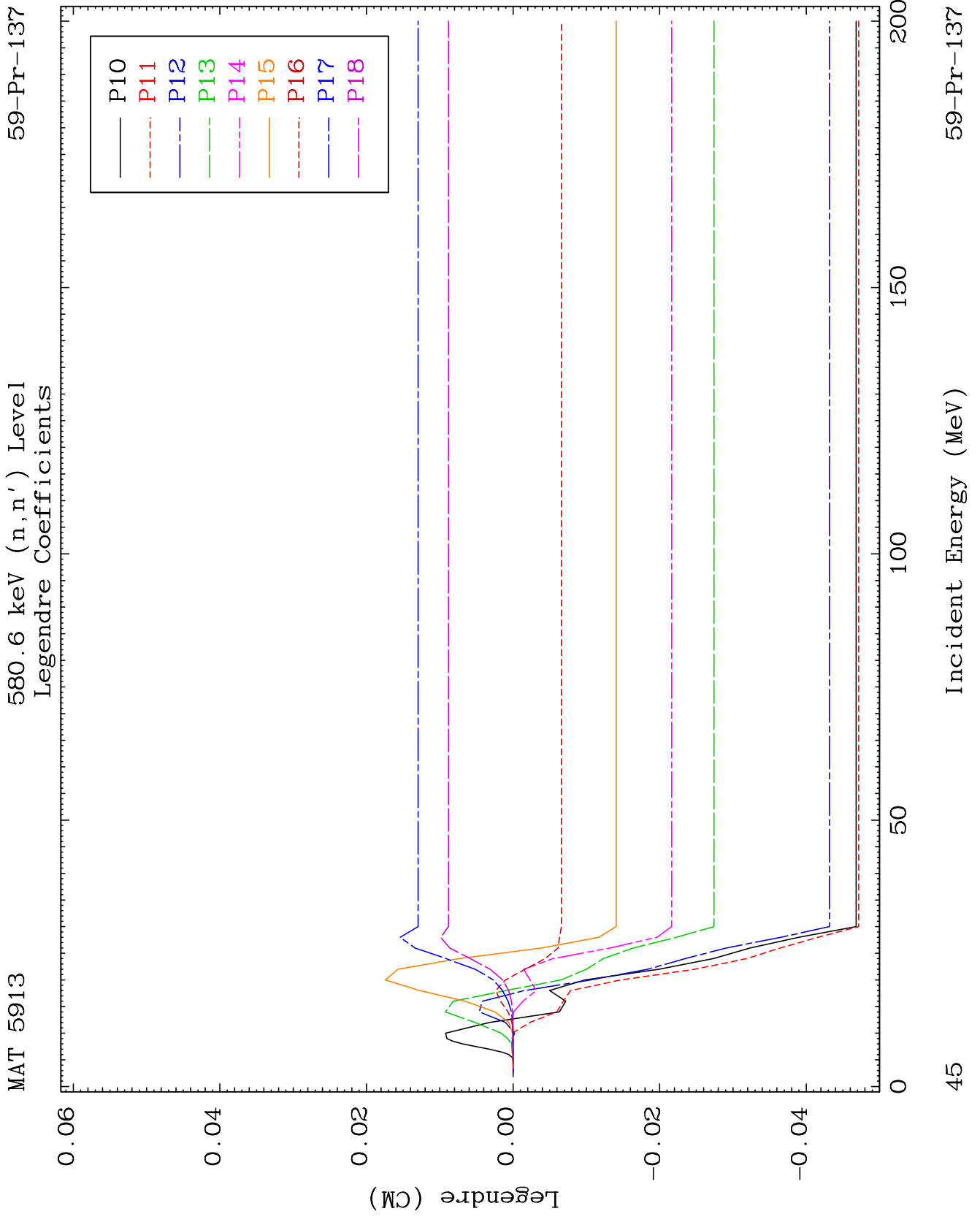
59-Pr-137



43

Incident Energy (MeV)

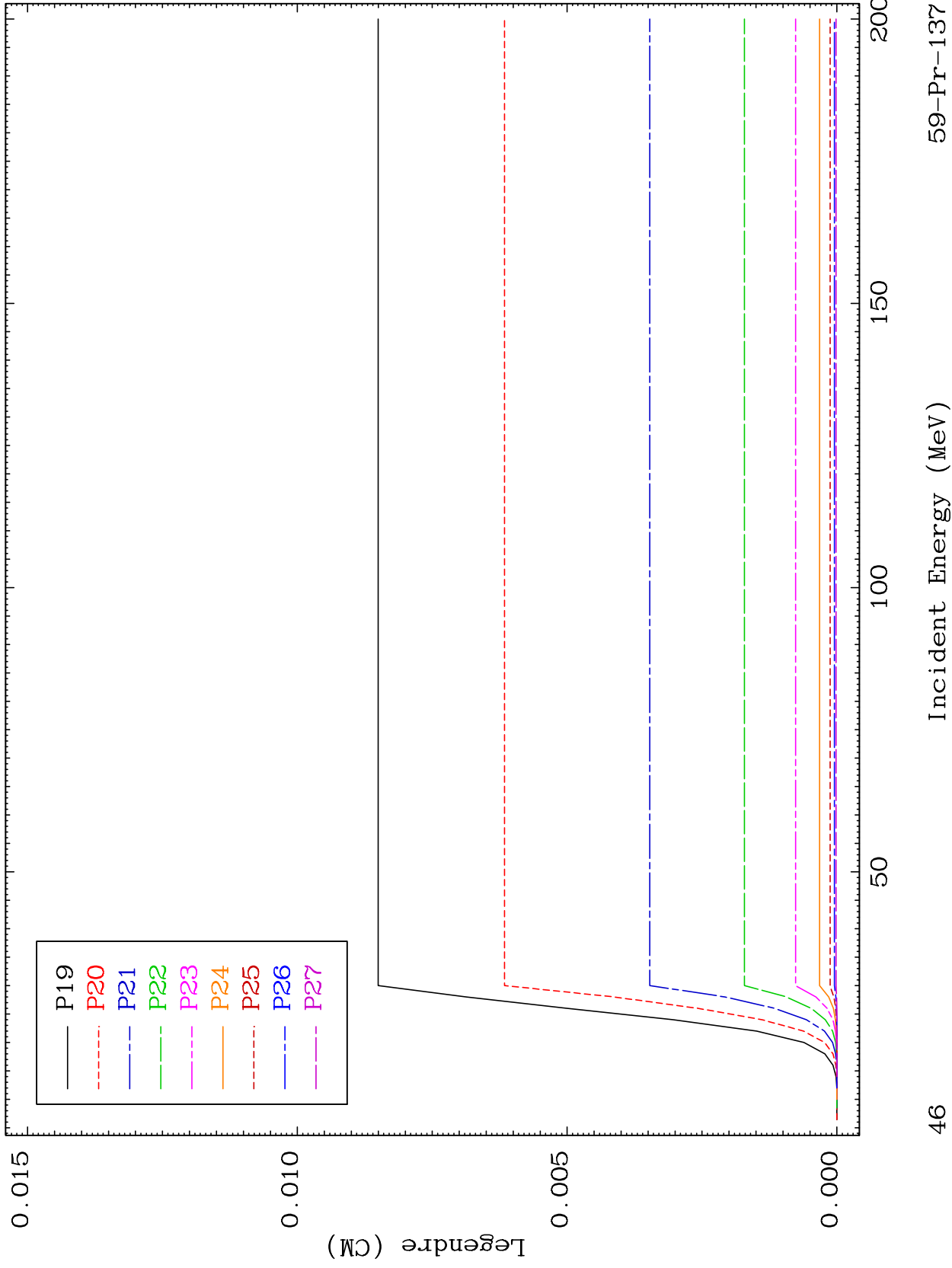
59-Pr-137



MAT 5913

580.6 keV (n,n') Level
Legendre Coefficients

59-Pr-137



46

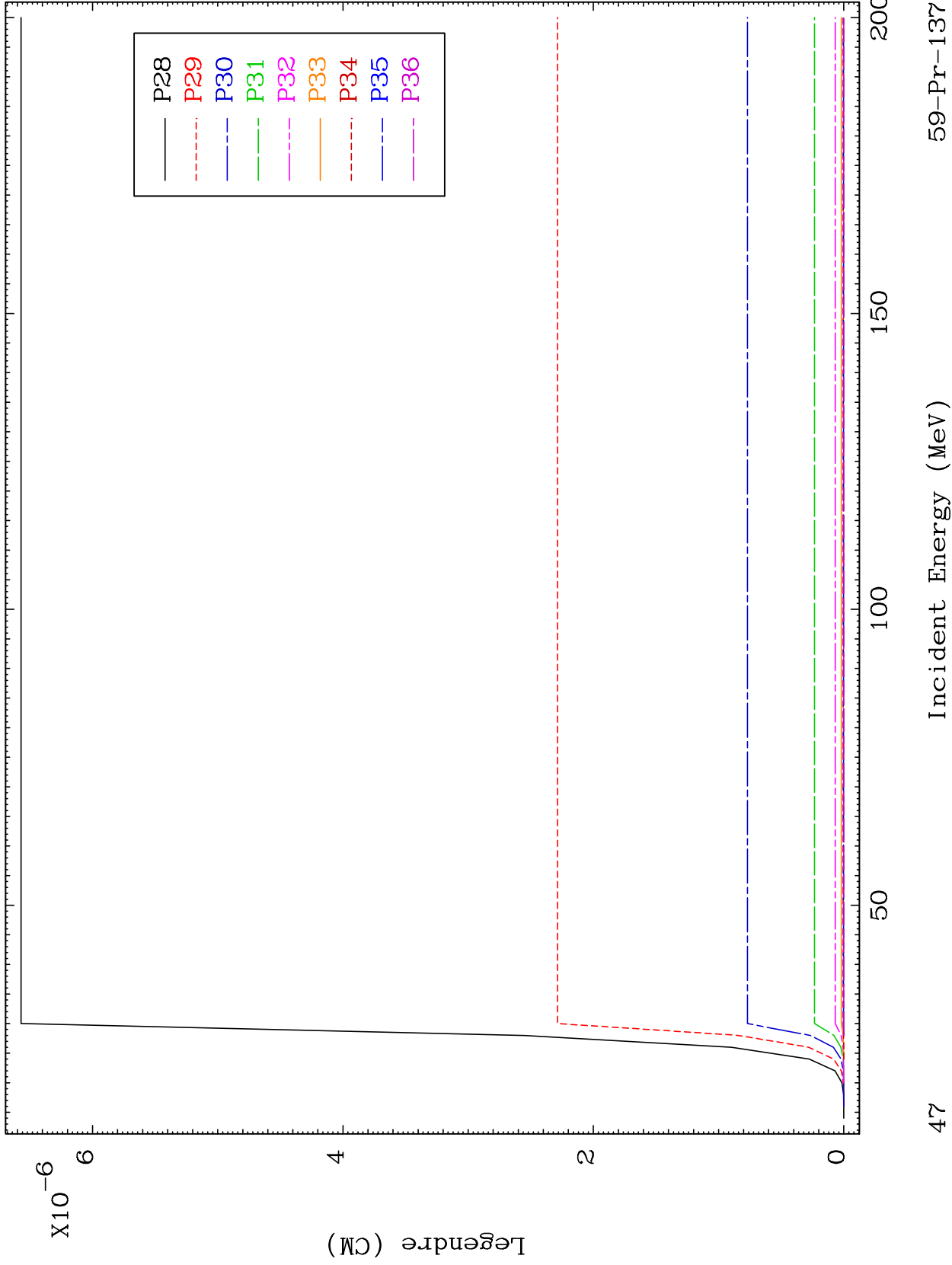
Incident Energy (MeV)

59-Pr-137

MAT 5913

580.6 keV (n,n') Level
Legendre Coefficients

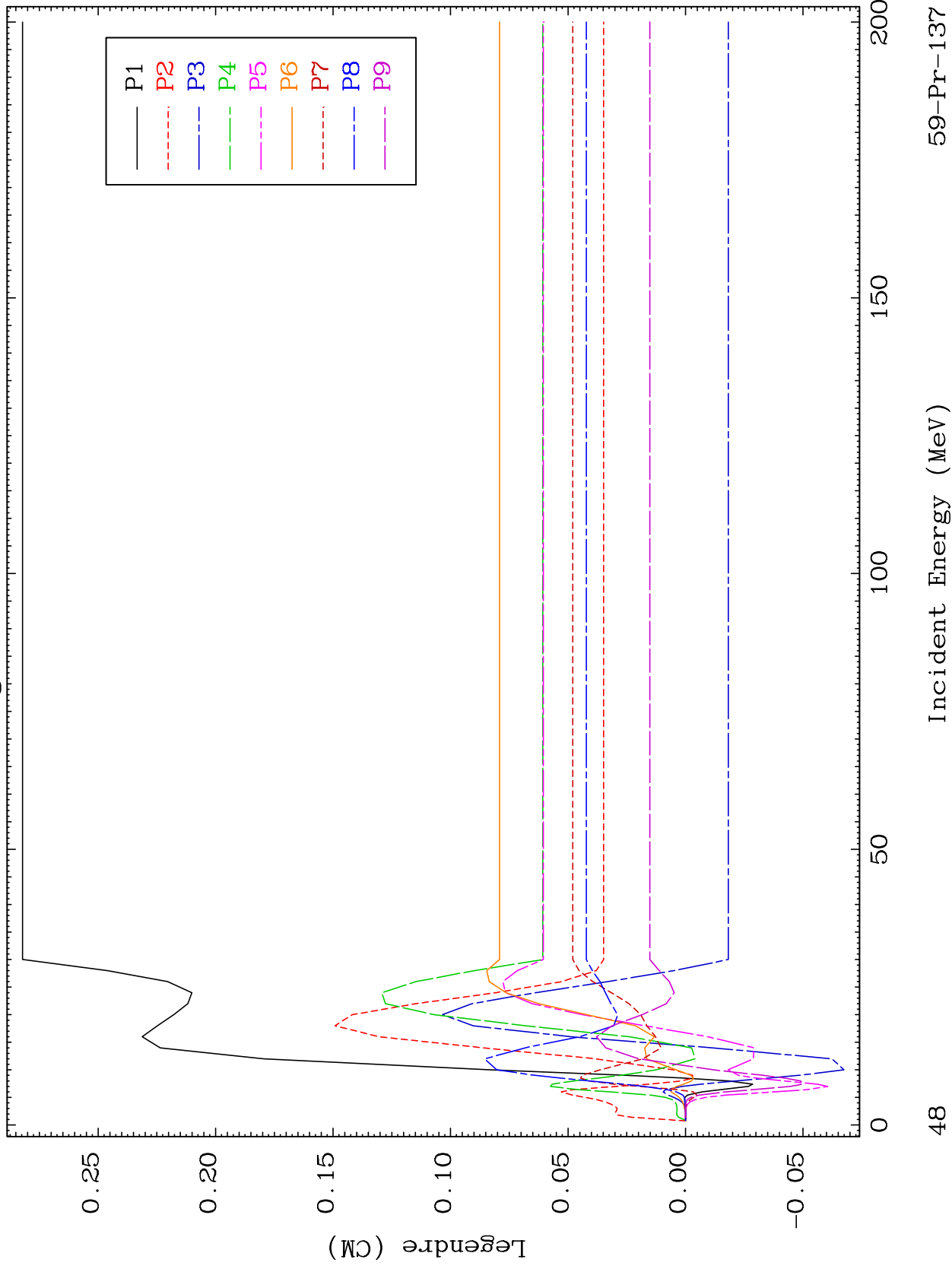
59-Pr-137



MAT 5913

724.7 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

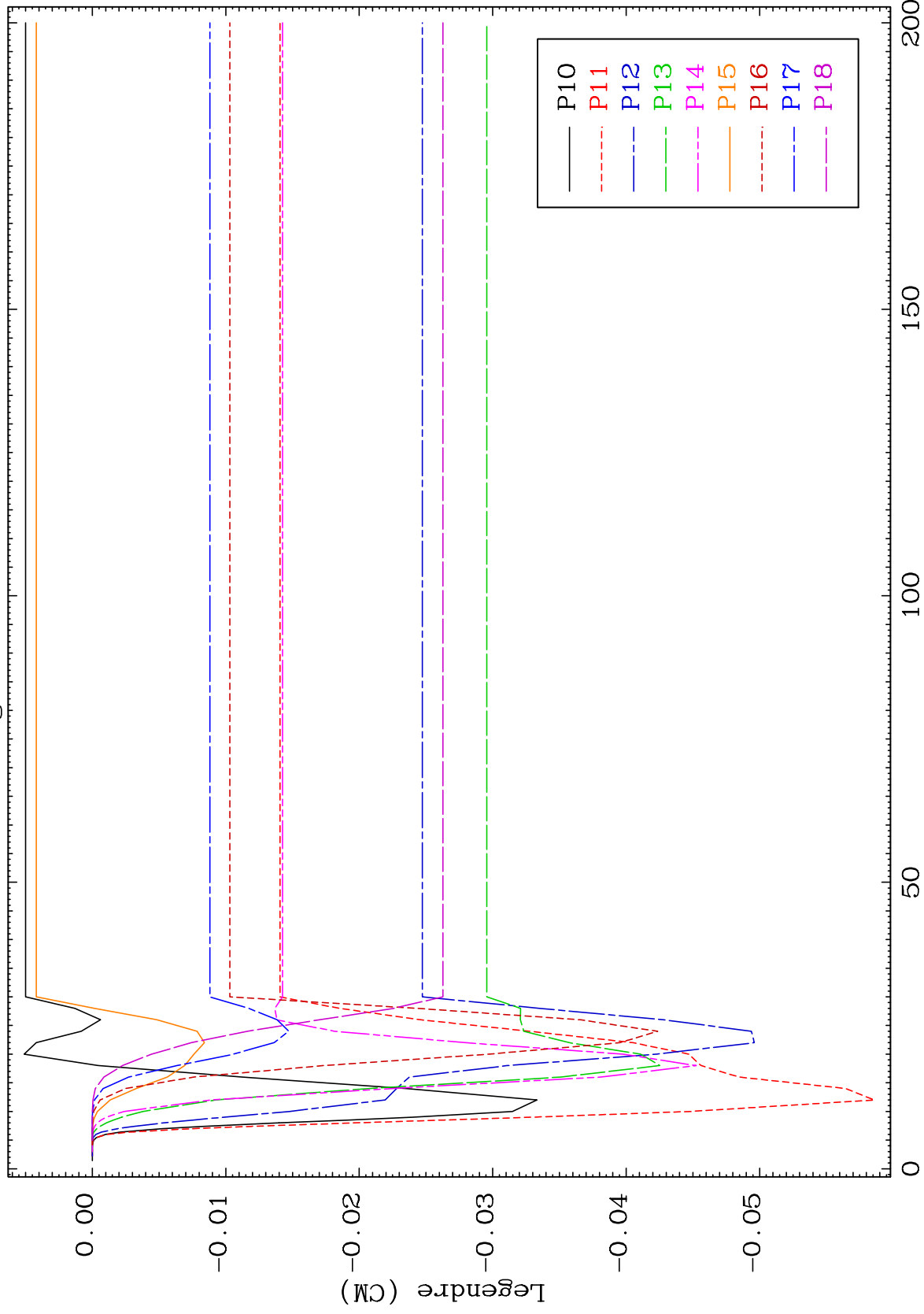
Incident Energy (MeV)

48

MAT 5913

724.7 keV (n,n') Level
Legendre Coefficients

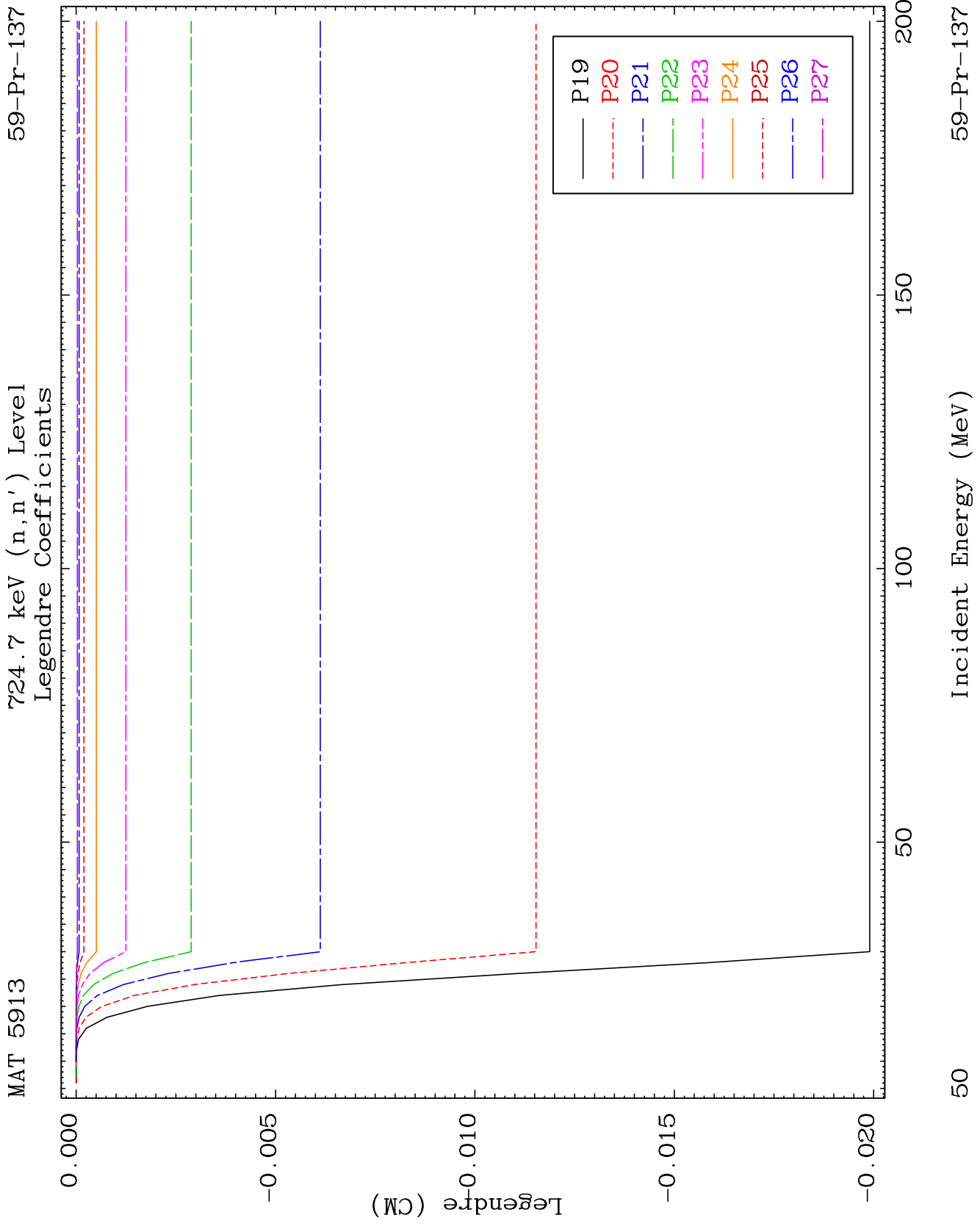
59-Pr-137



49

Incident Energy (MeV)

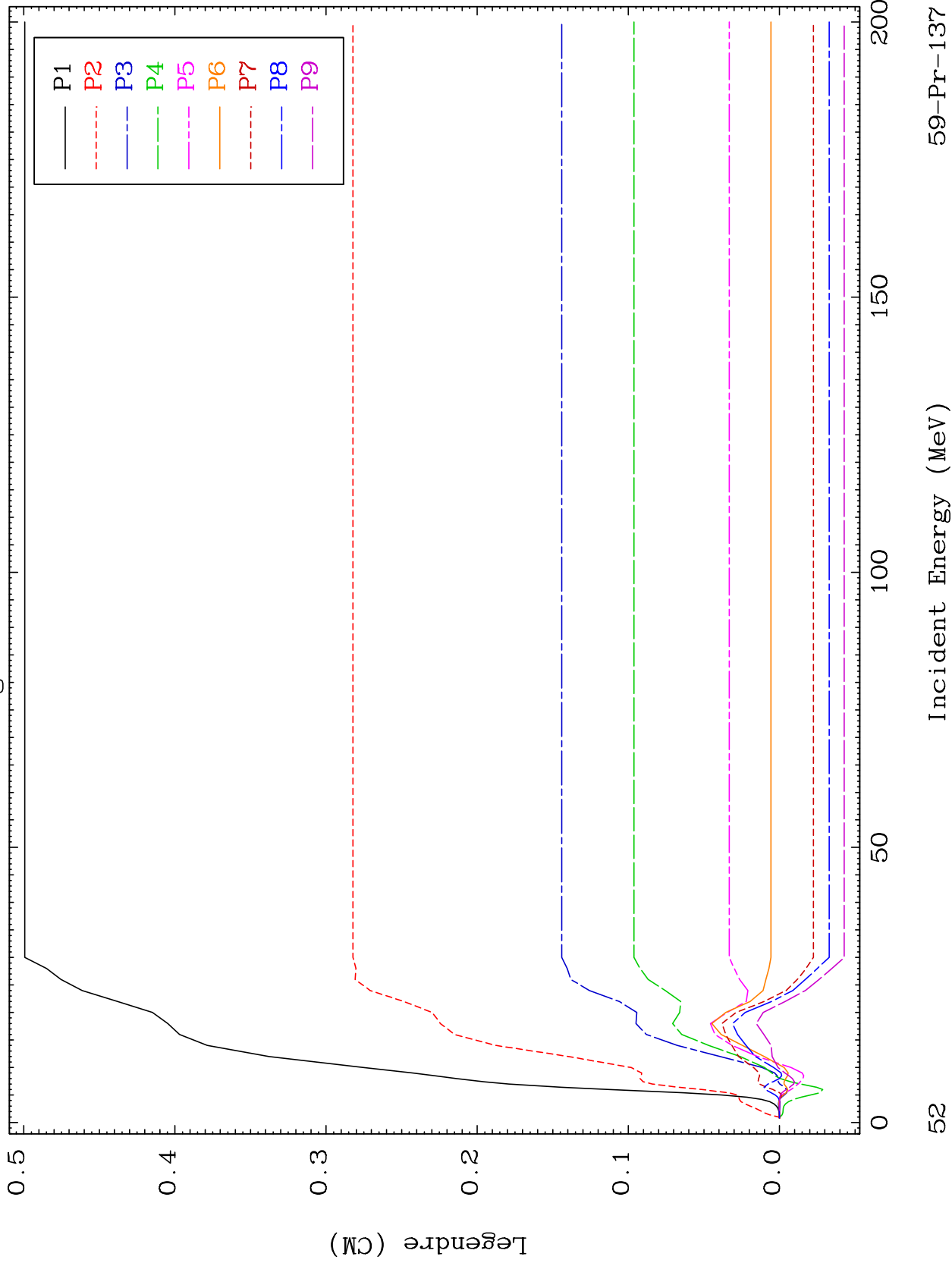
59-Pr-137

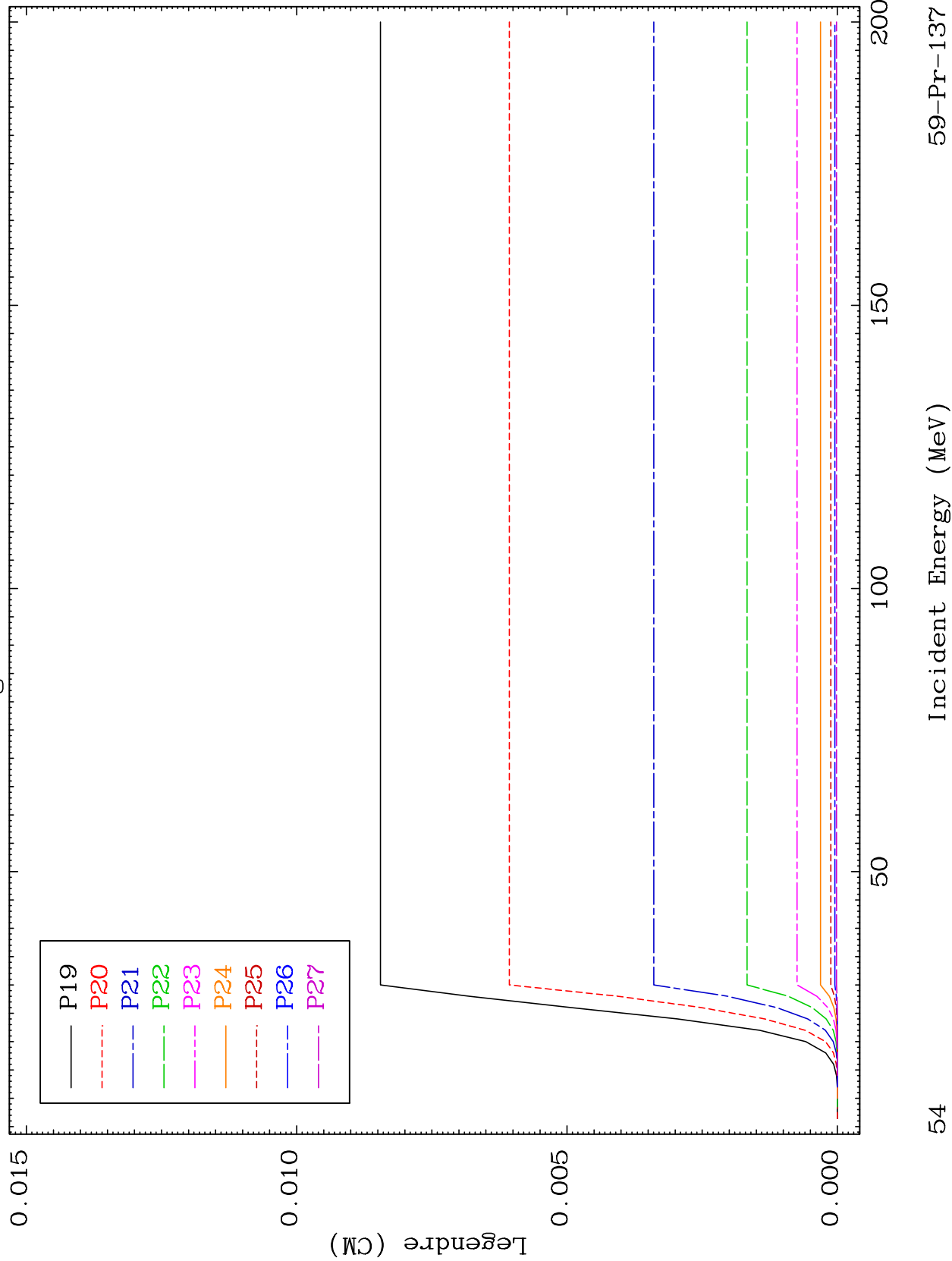


MAT 5913

761.5 keV (n,n') Level
Legendre Coefficients

59-Pr-137

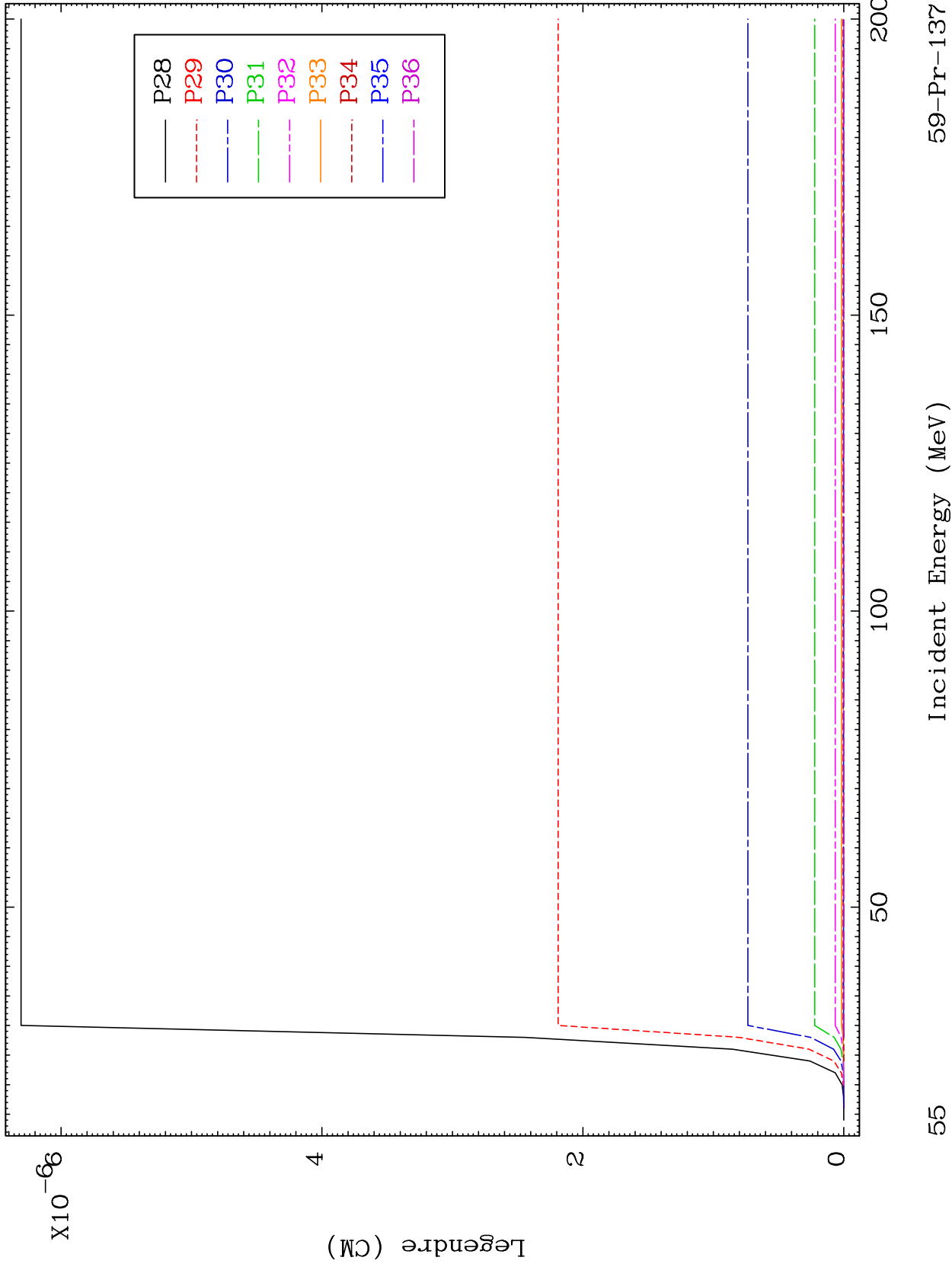




MAT 5913

761.5 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

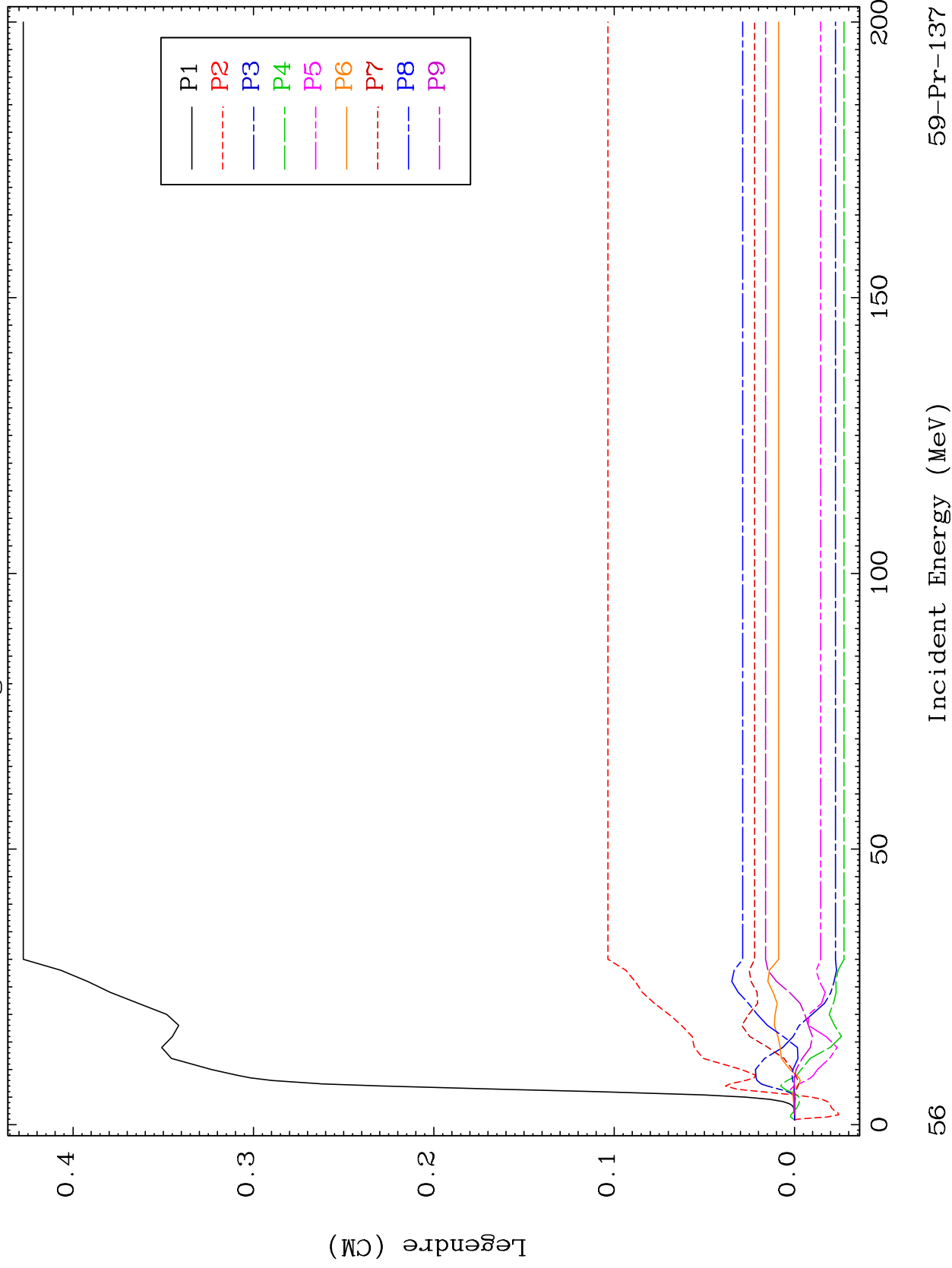
Incident Energy (MeV)

55

MAT 5913

824.6 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

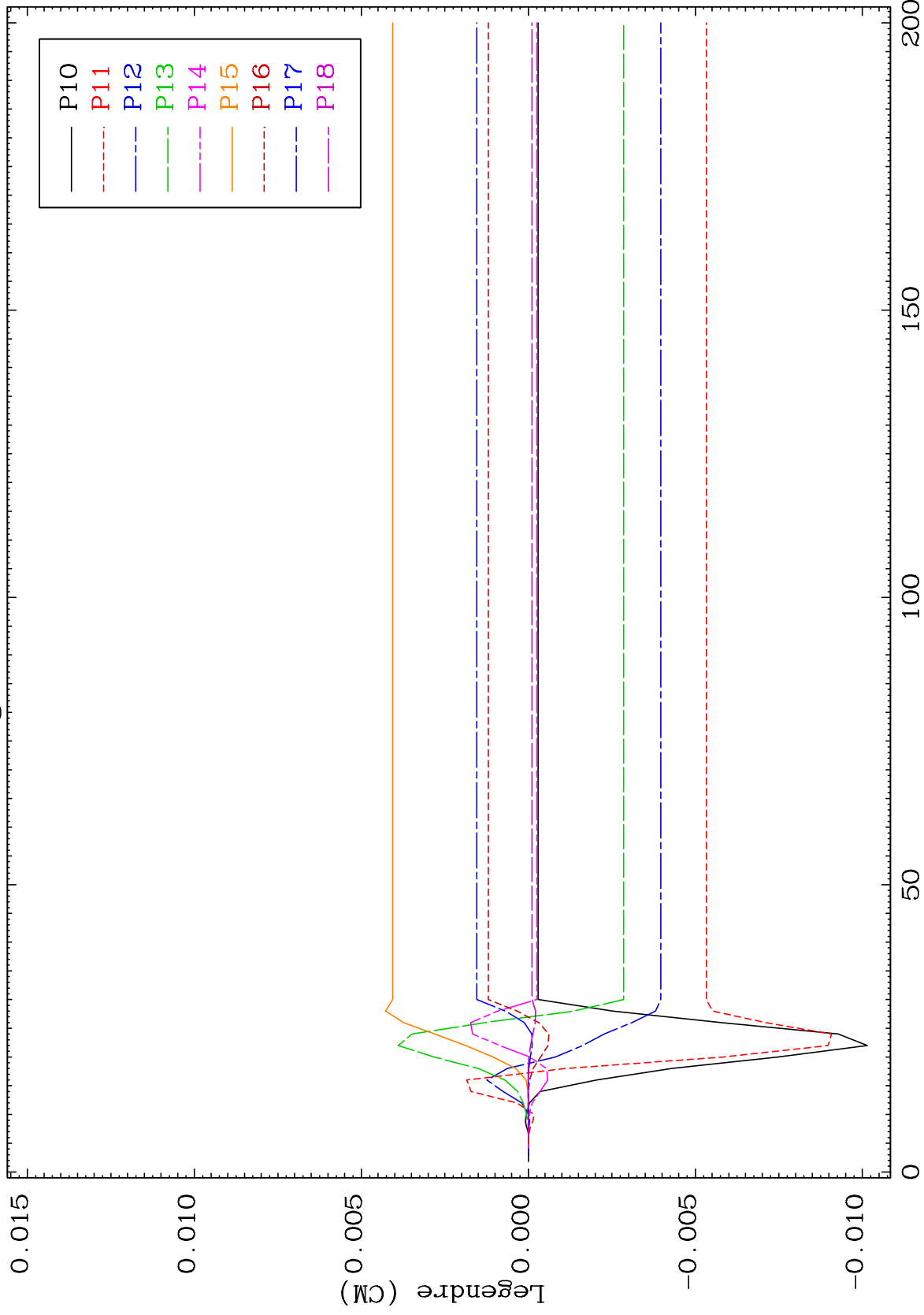
Incident Energy (MeV)

56

MAT 5913

824.6 keV (n,n') Level
Legendre Coefficients

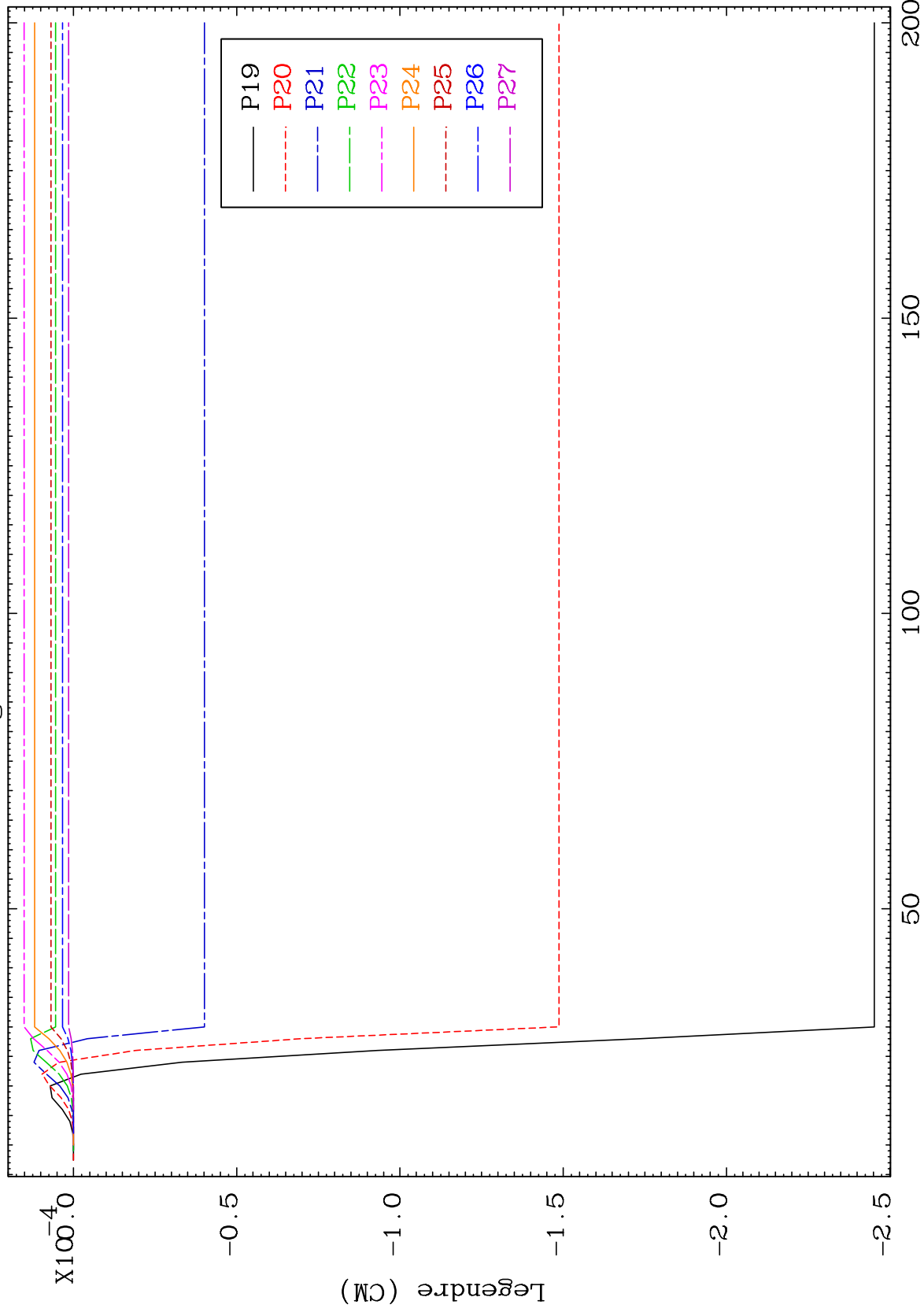
59-Pr-137



57

Incident Energy (MeV)

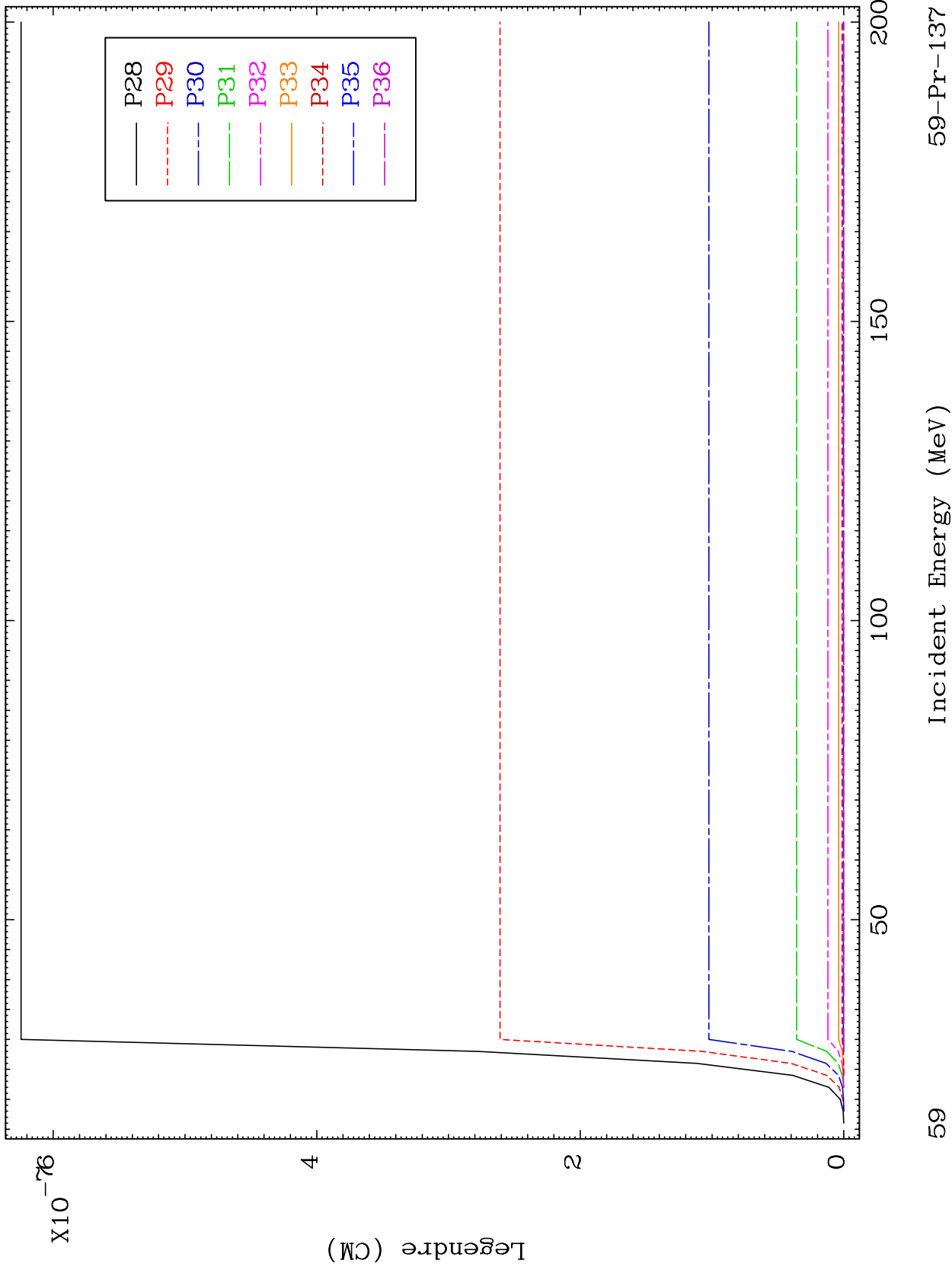
59-Pr-137



MAT 5913

824.6 keV (n,n') Level
Legendre Coefficients

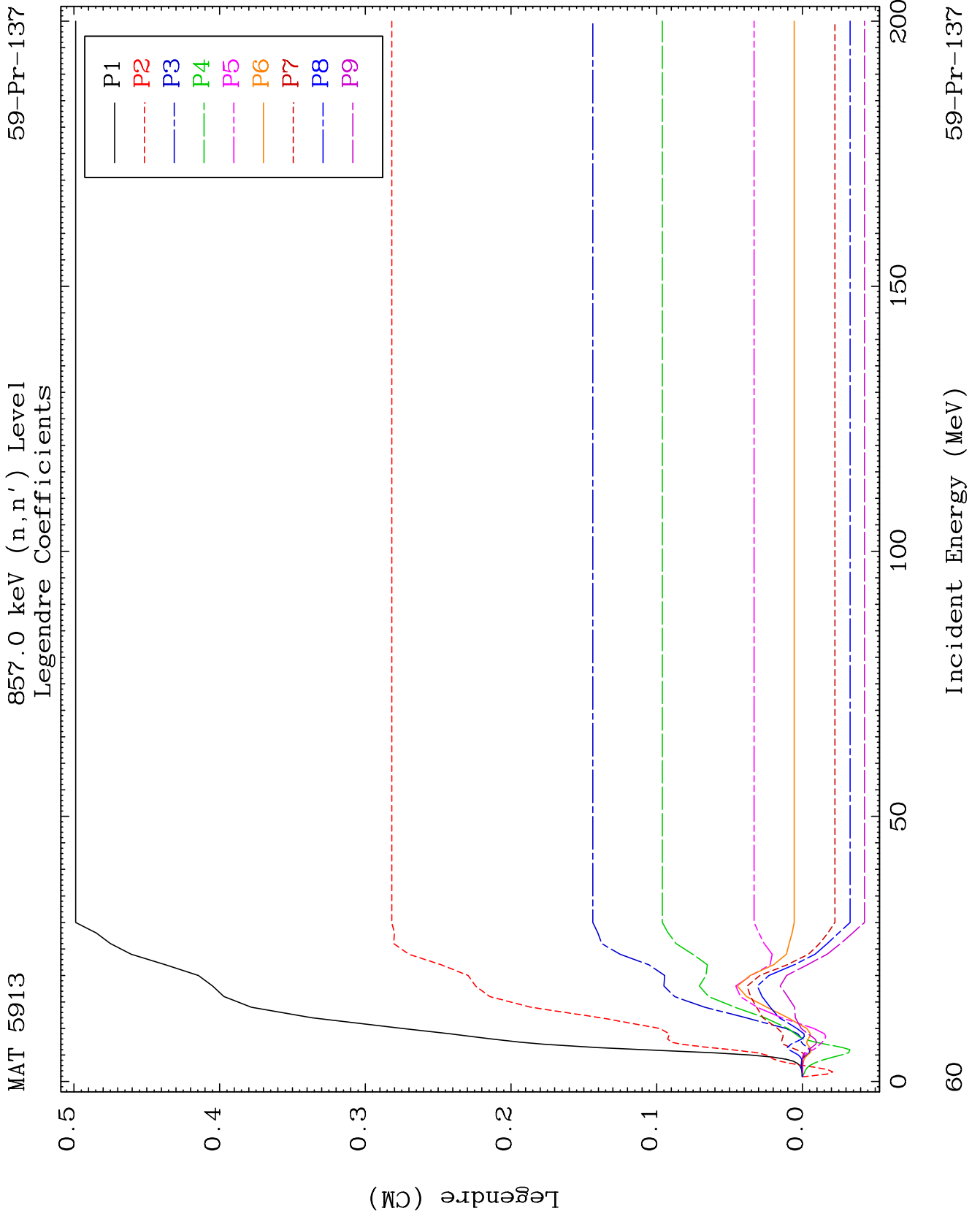
59-Pr-137

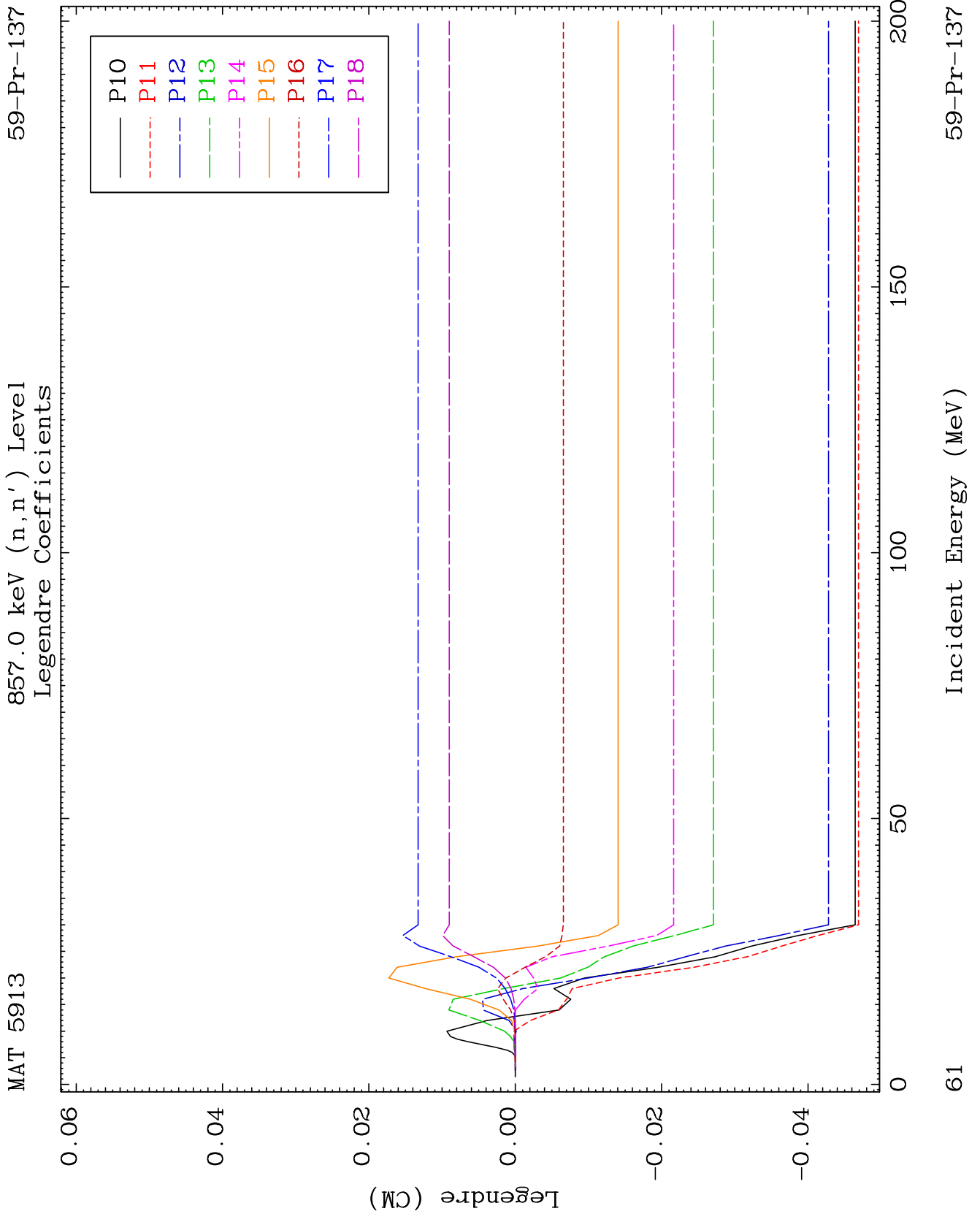


59

Incident Energy (MeV)

59-Pr-137

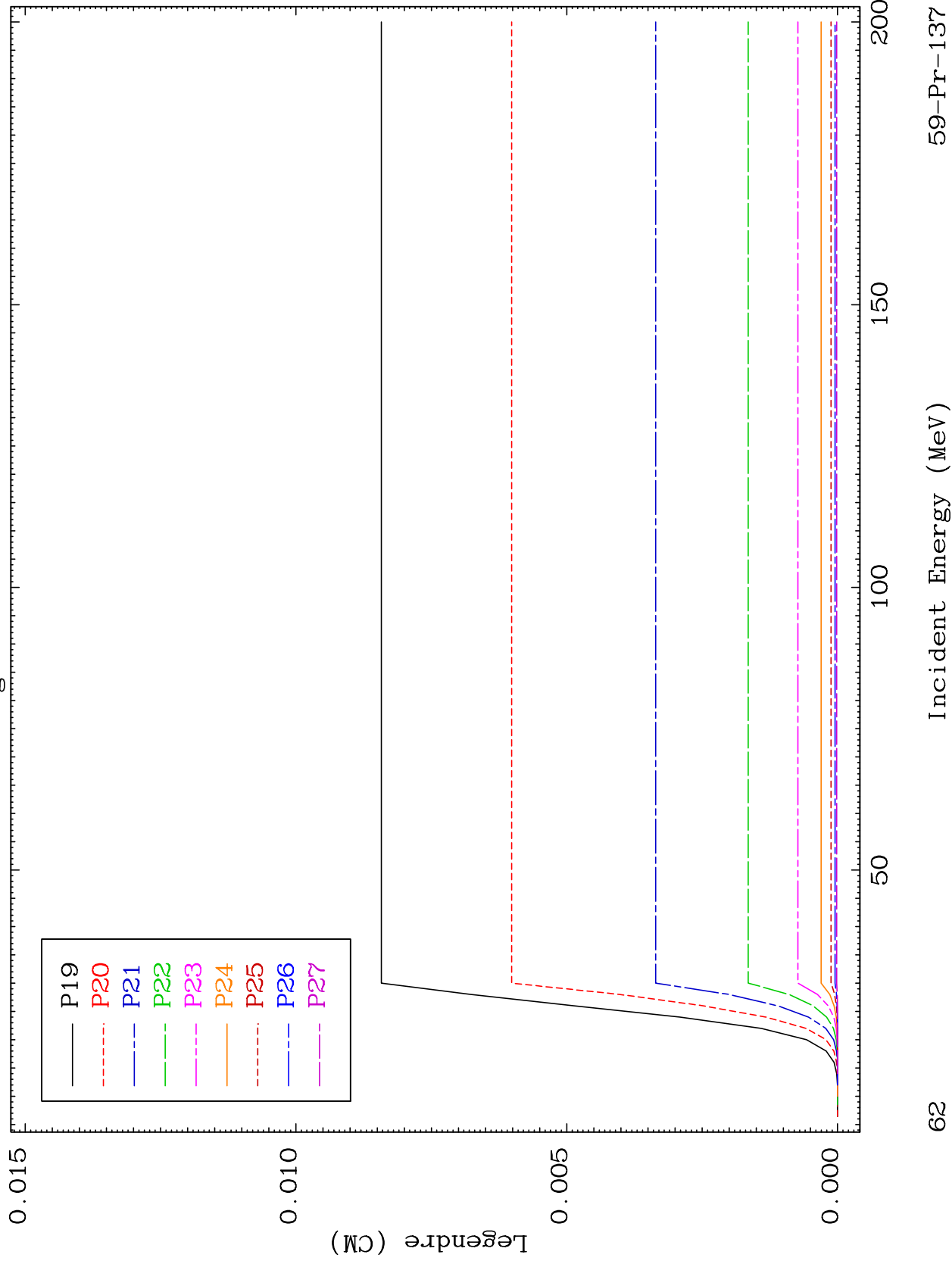




MAT 5913

857.0 keV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

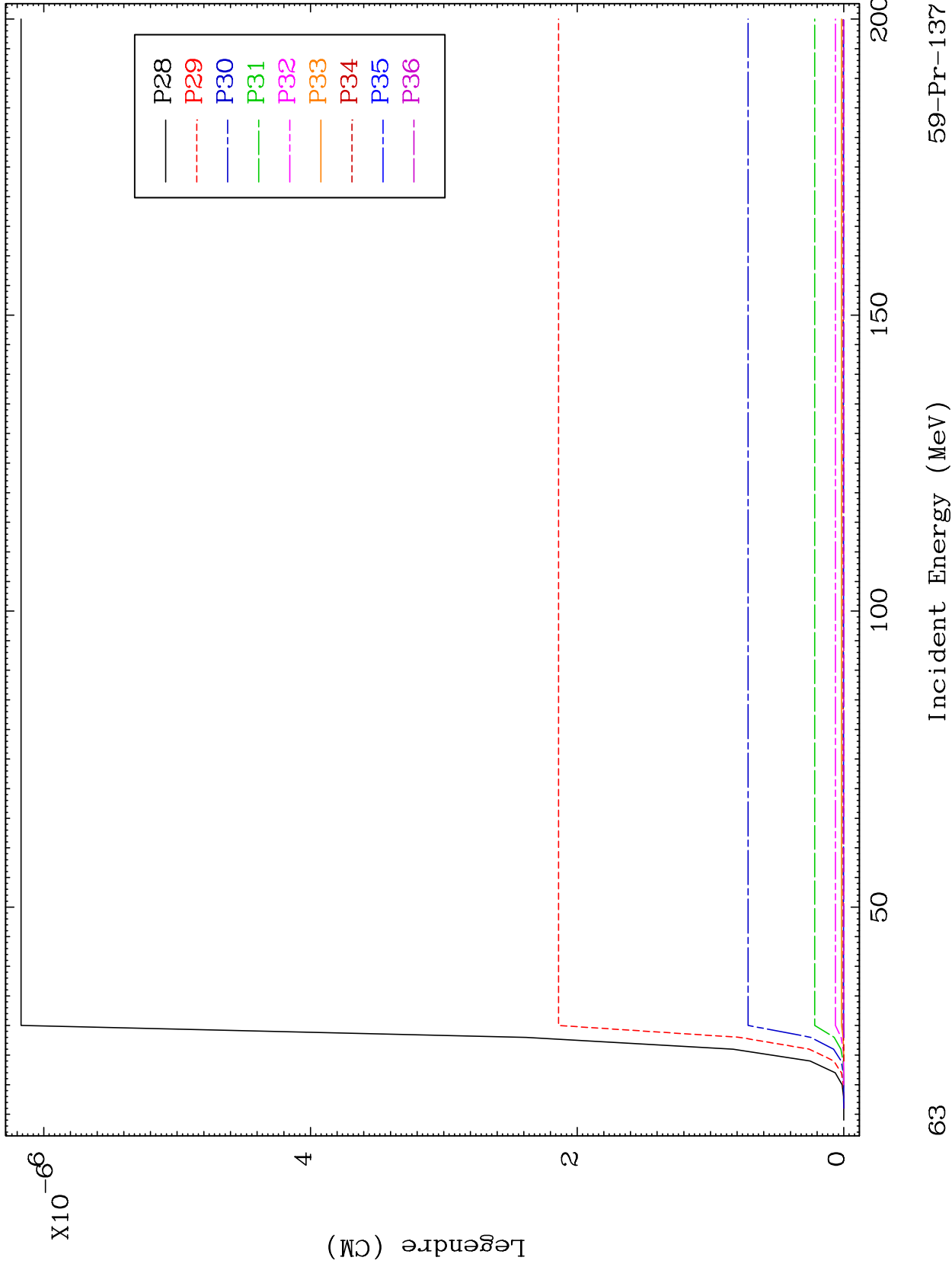
Incident Energy (MeV)

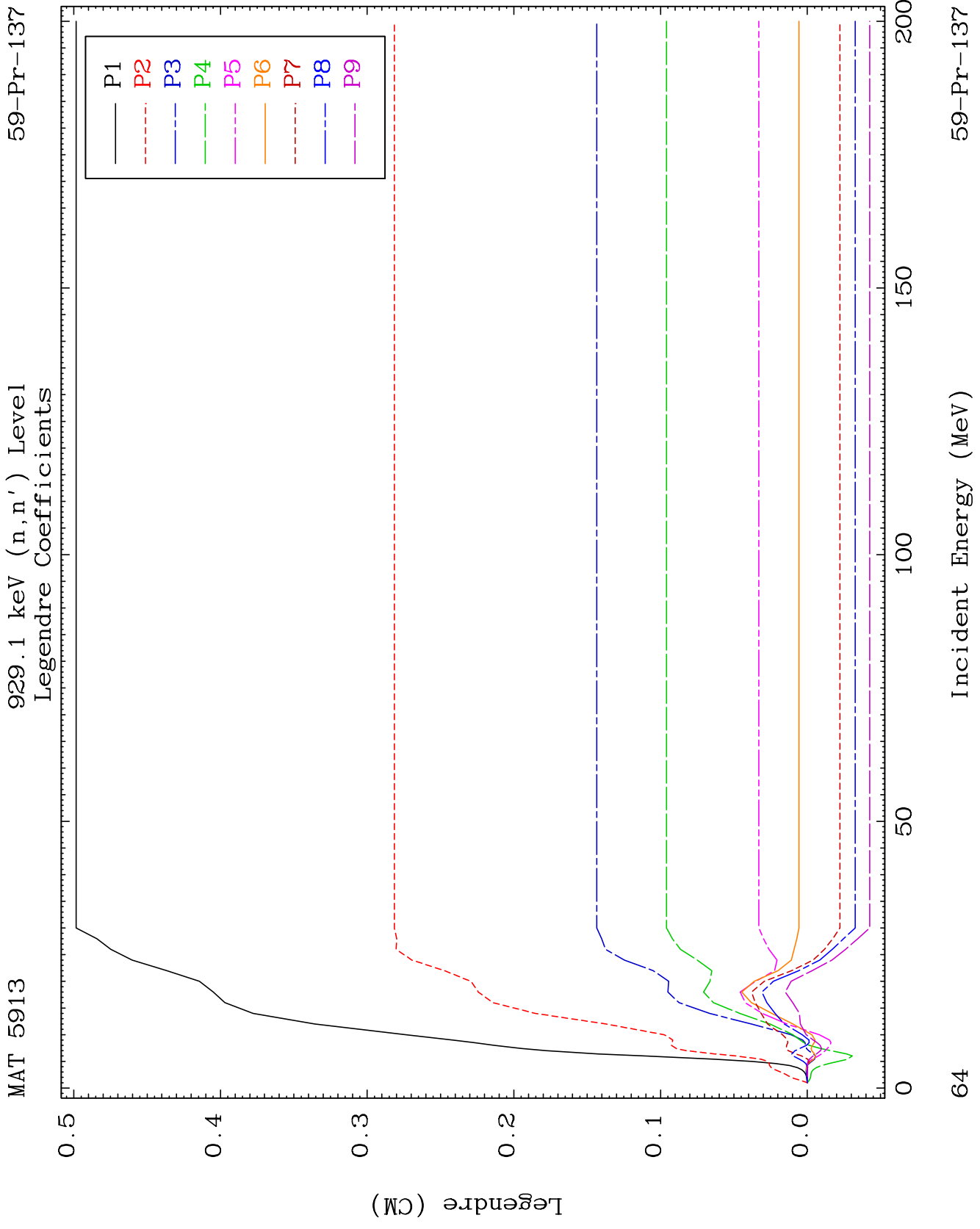
62

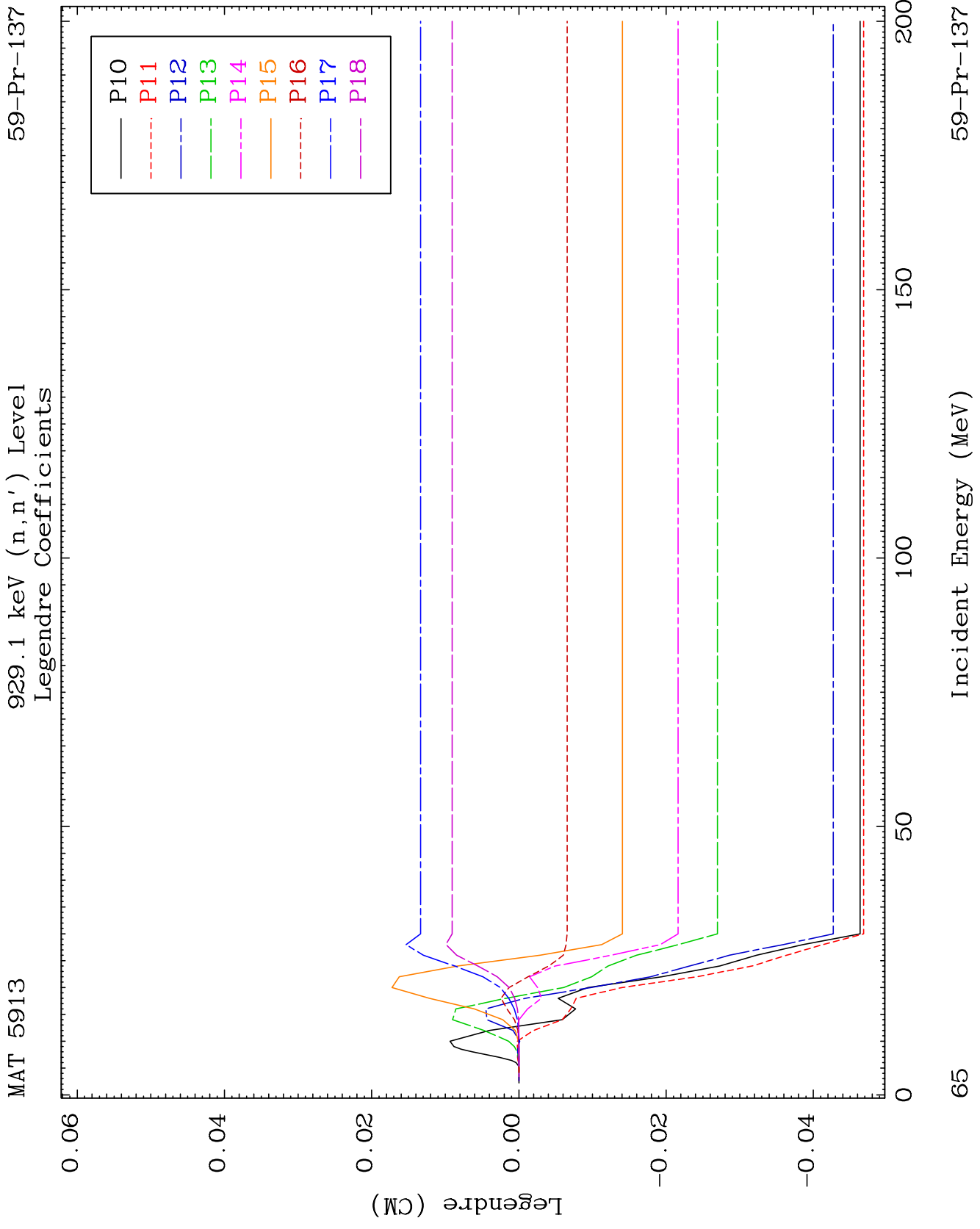
MAT 5913

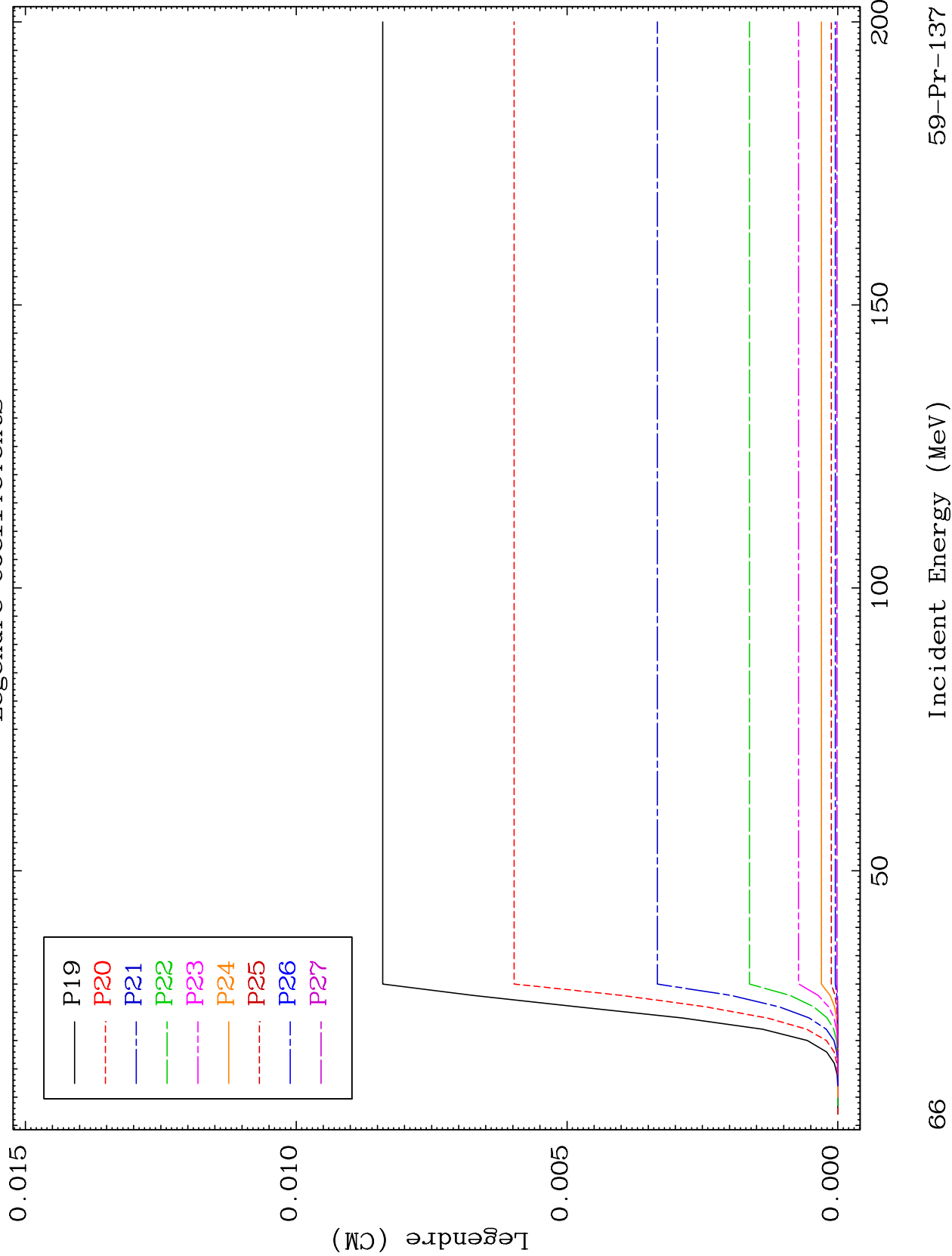
857.0 keV (n,n') Level
Legendre Coefficients

59-Pr-137





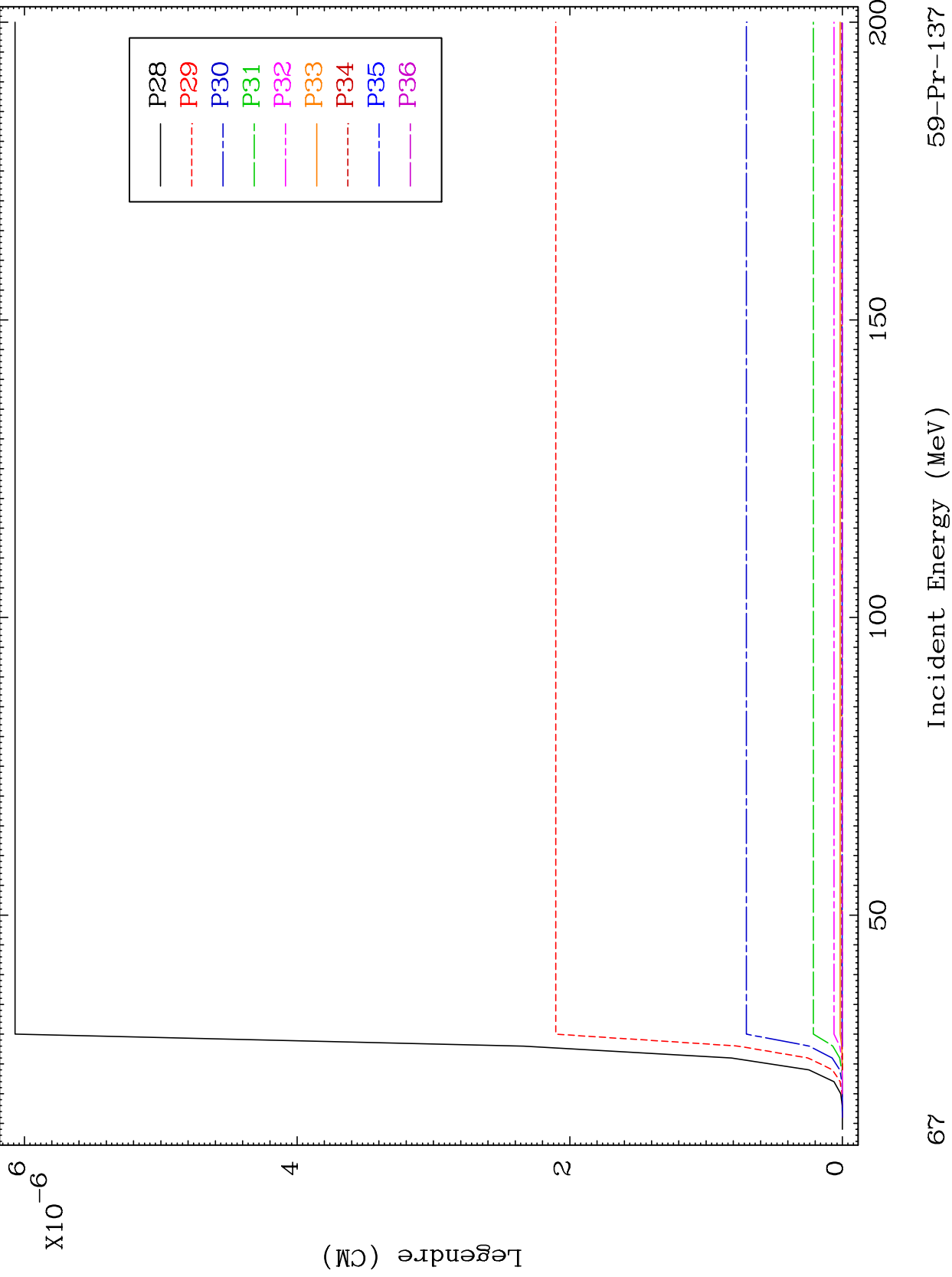


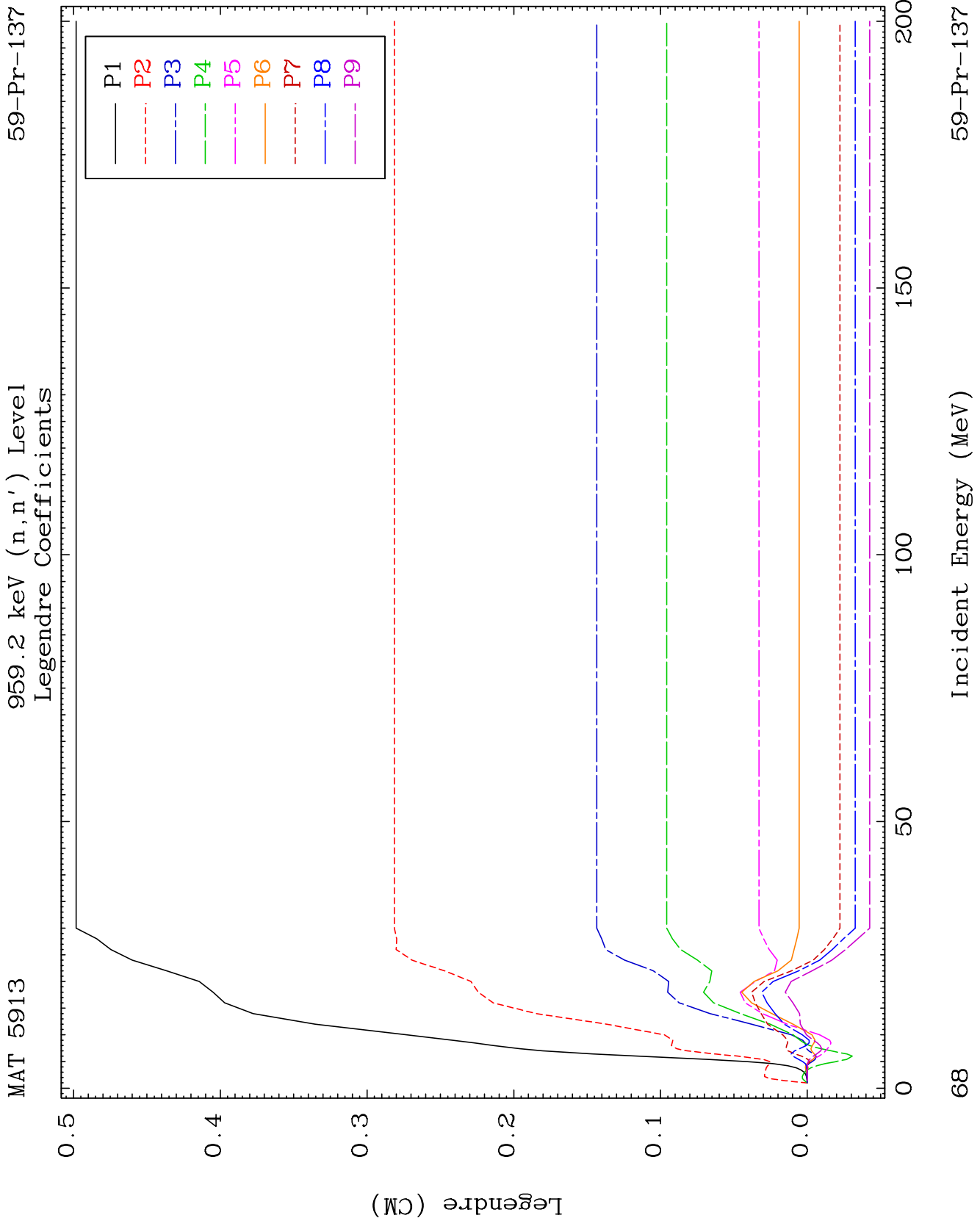


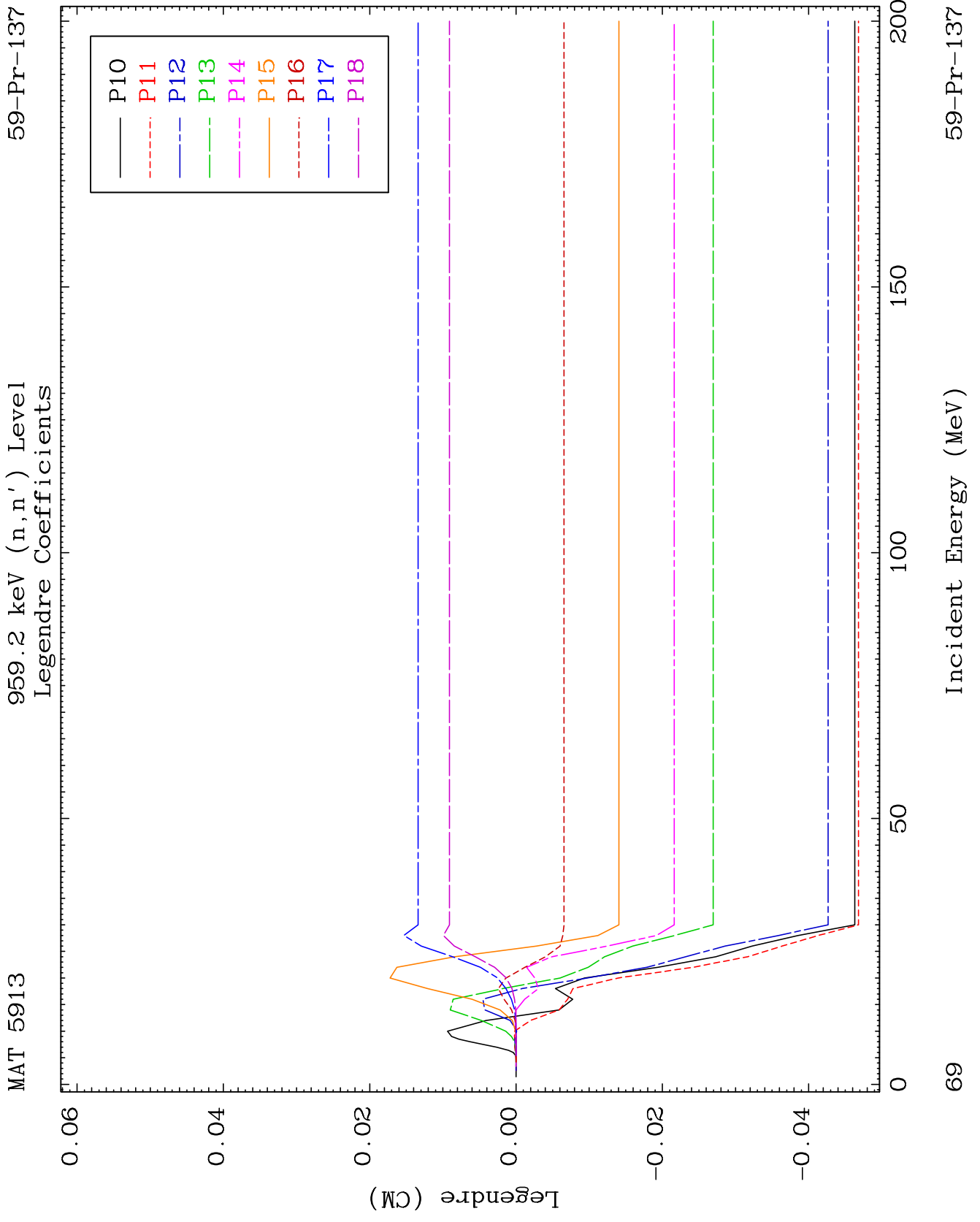
MAT 5913

929.1 keV (n,n') Level
Legendre Coefficients

59-Pr-137



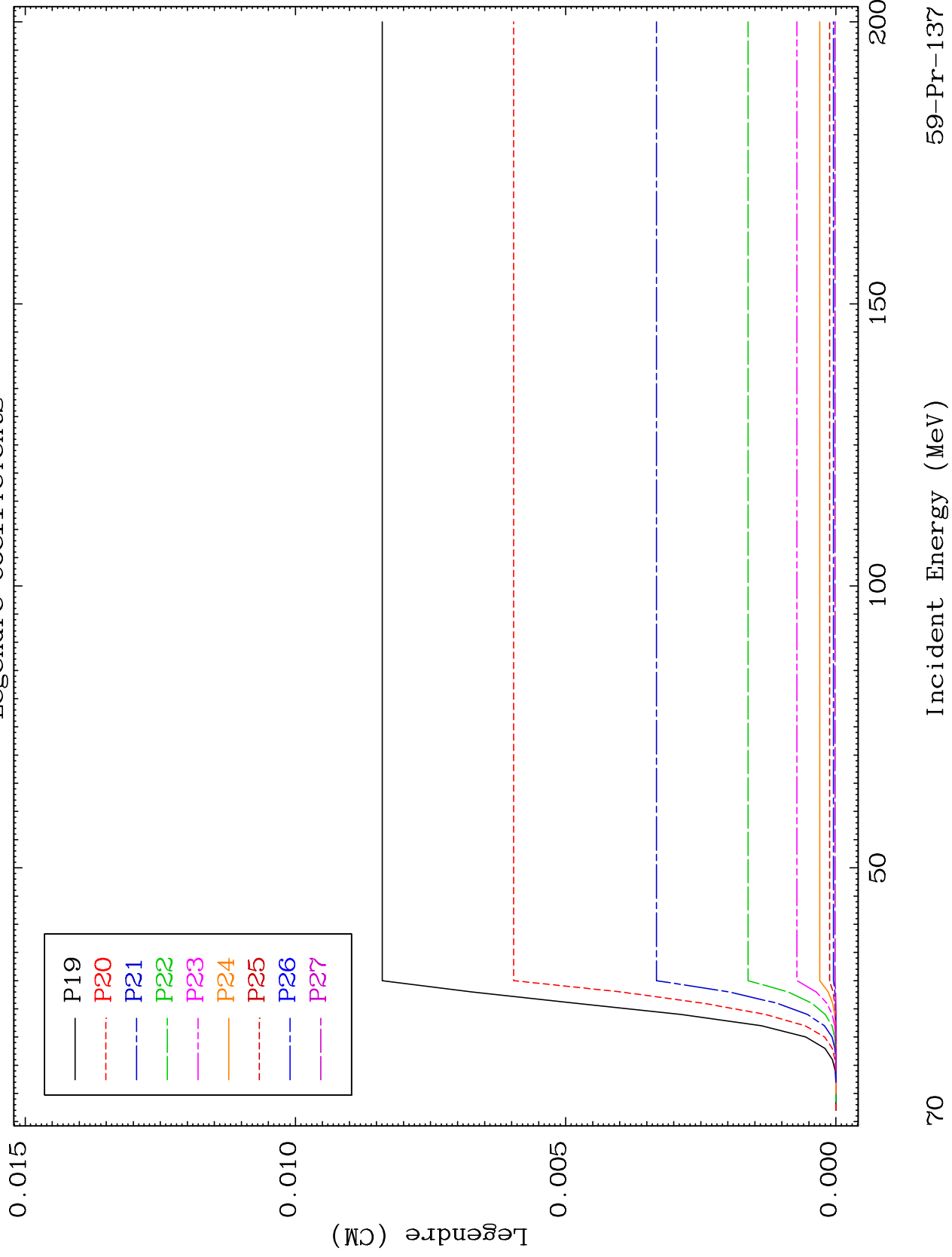




MAT 5913

959.2 keV (n,n') Level
Legendre Coefficients

59-Pr-137



70

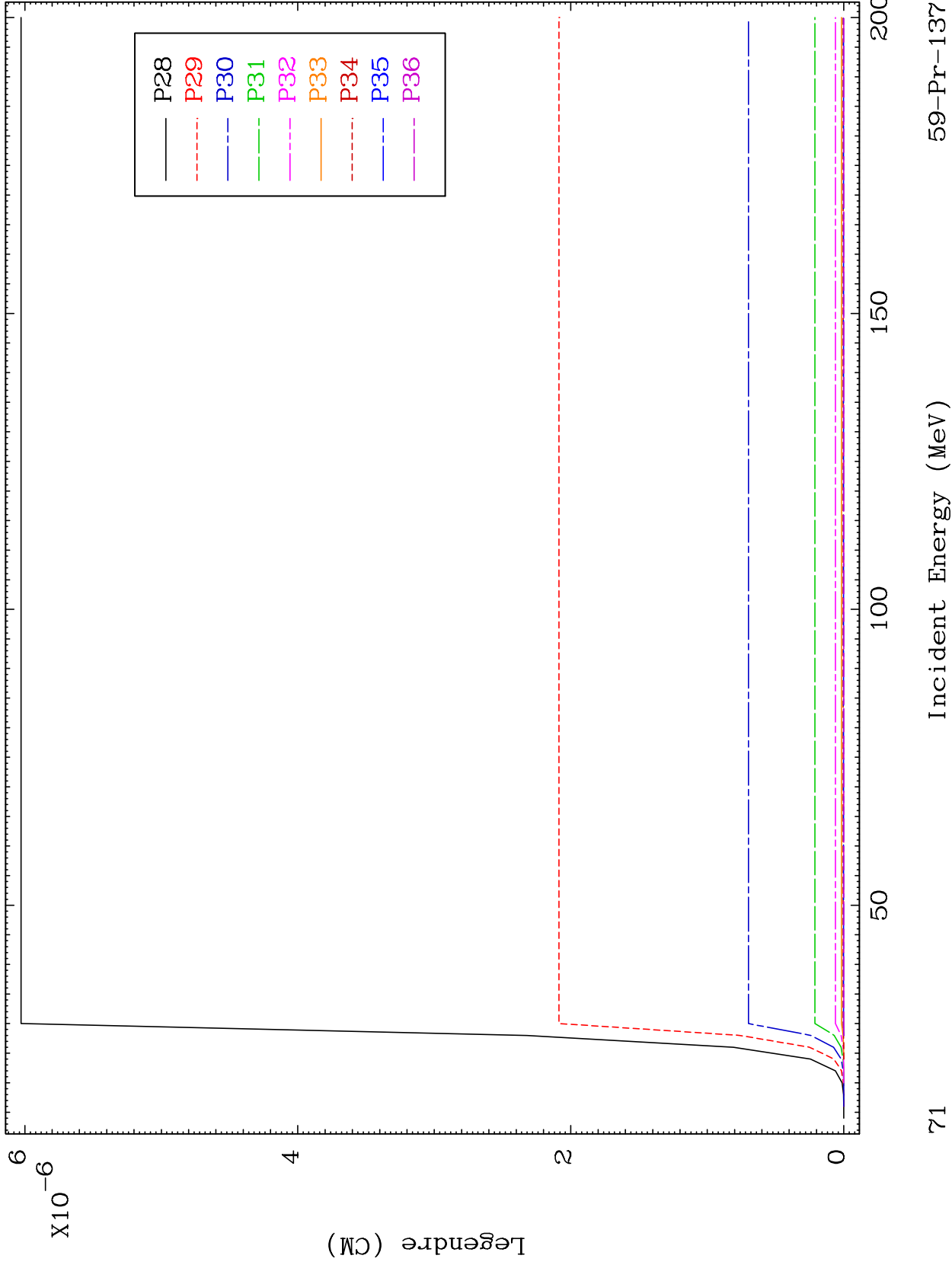
Incident Energy (MeV)

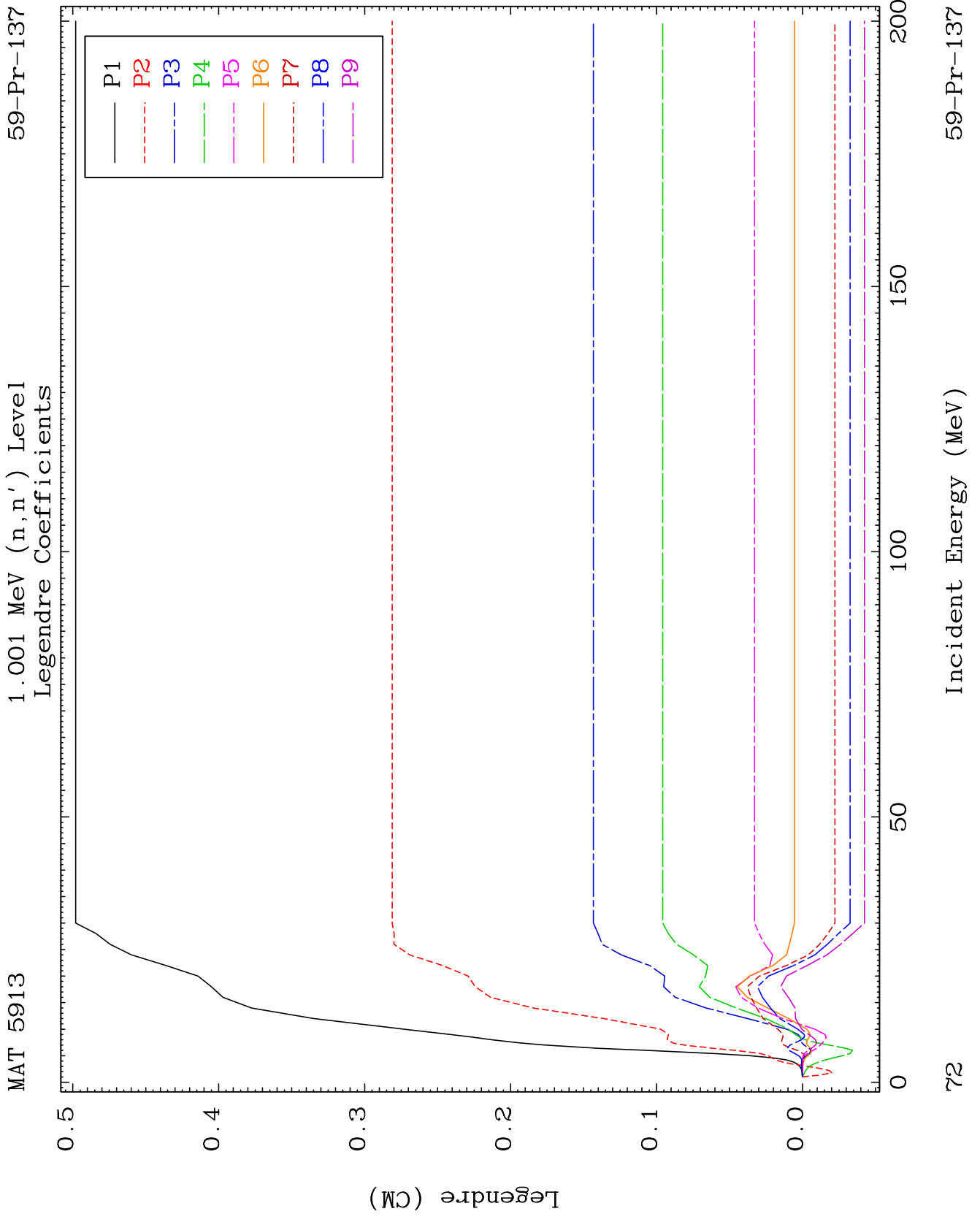
59-Pr-137

MAT 5913

959.2 keV (n,n') Level
Legendre Coefficients

59-Pr-137

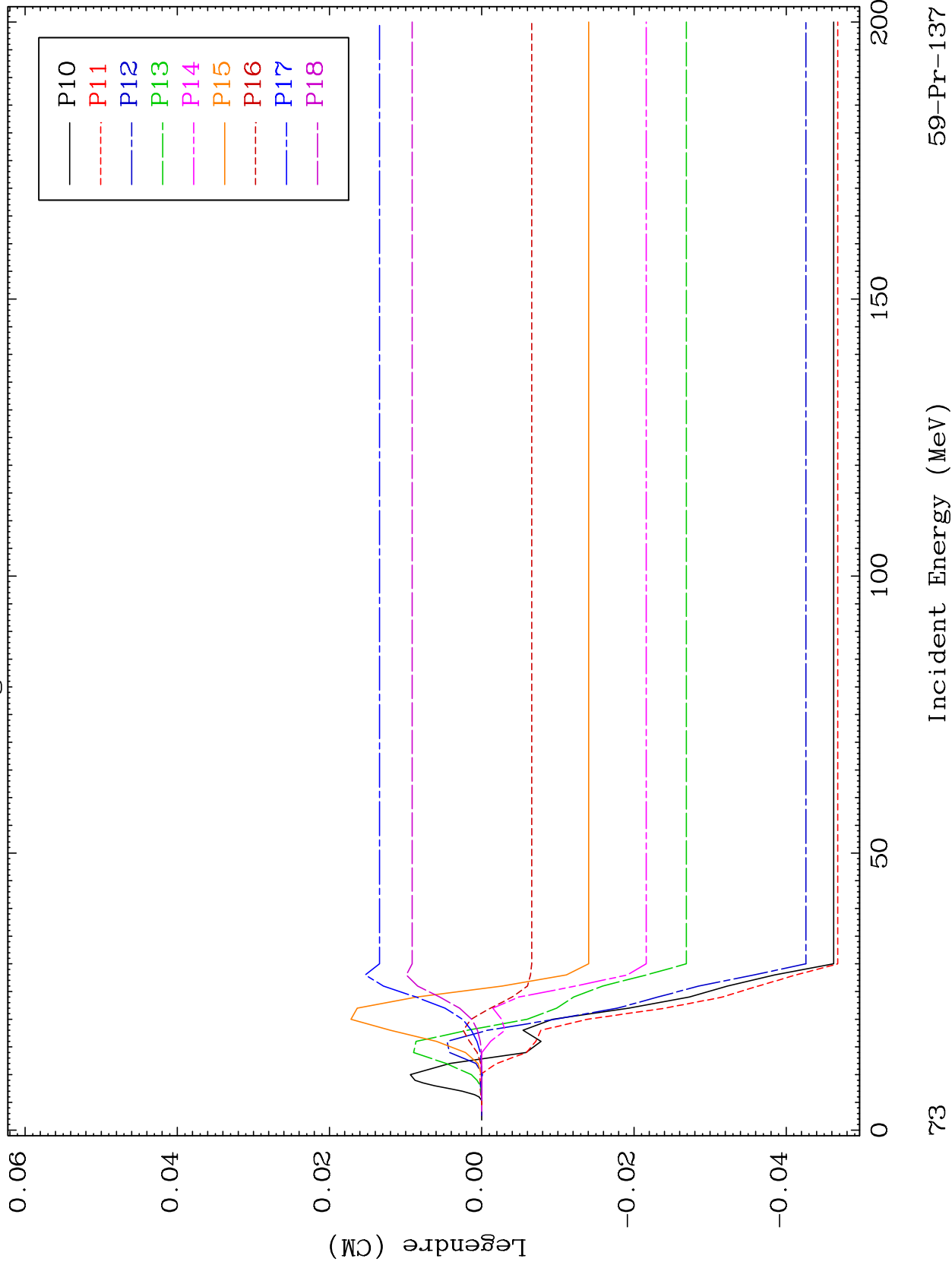




MAT 5913

1.001 MeV (n,n') Level
Legendre Coefficients

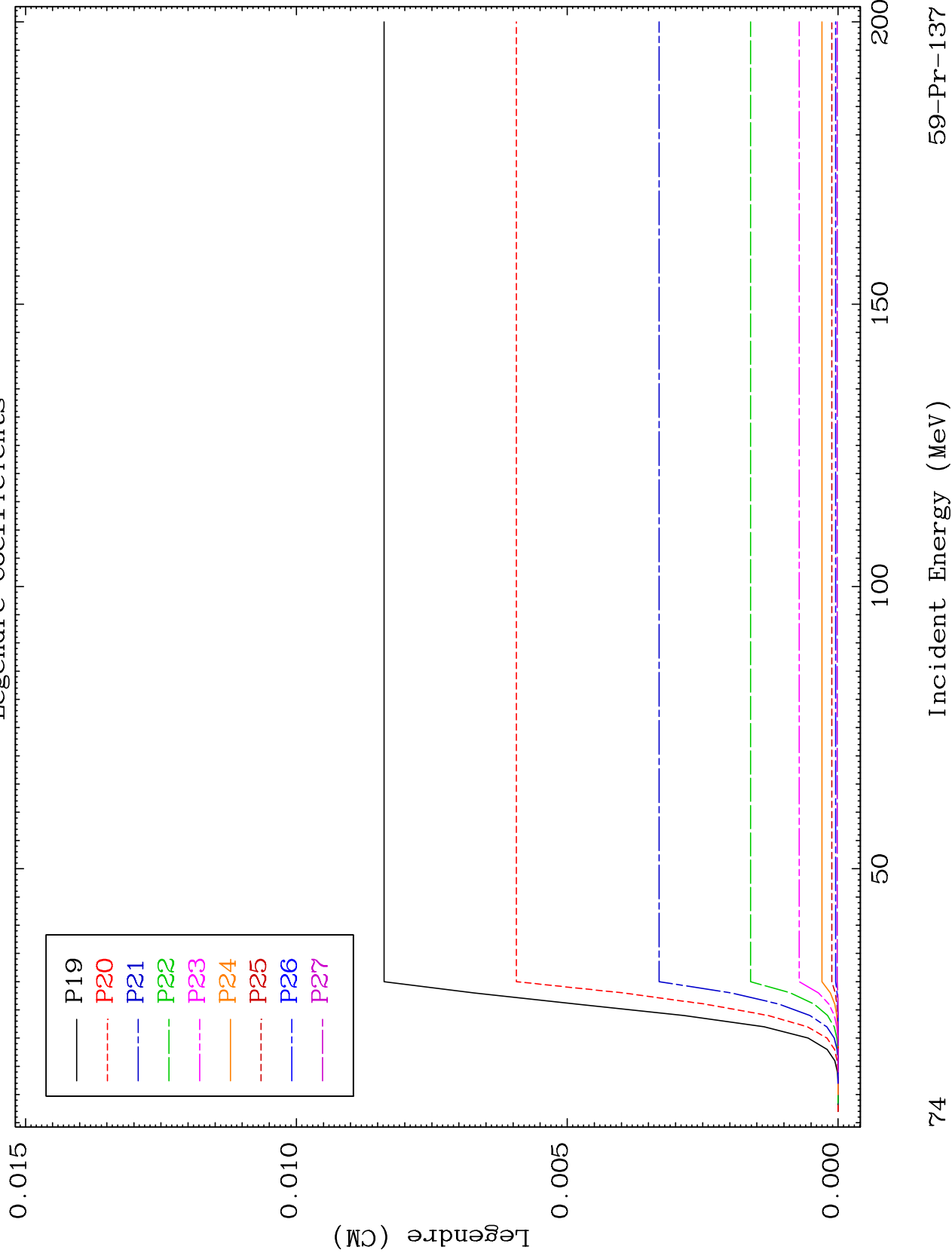
59-Pr-137



73

Incident Energy (MeV)

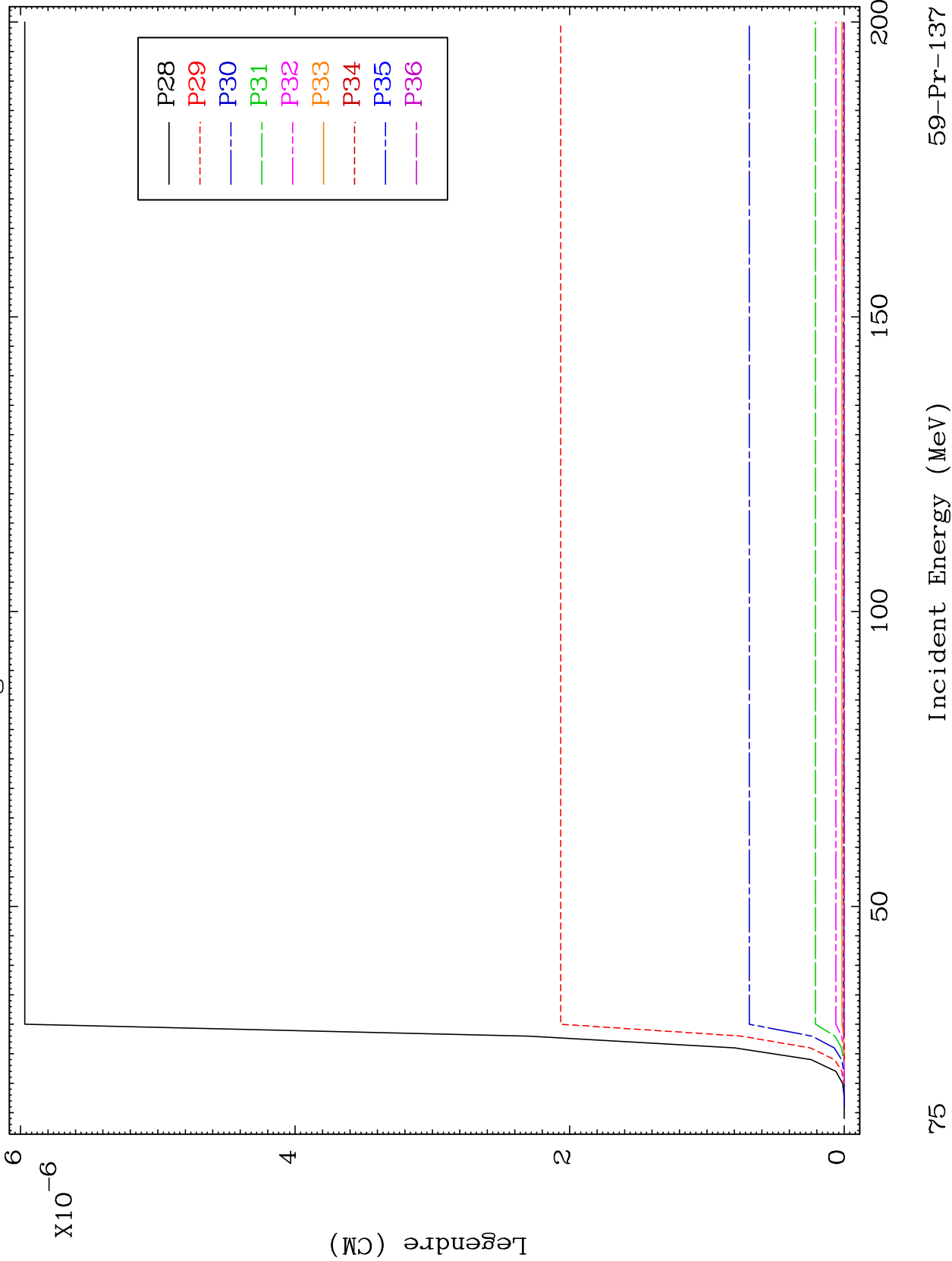
59-Pr-137



MAT 5913

1.001 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

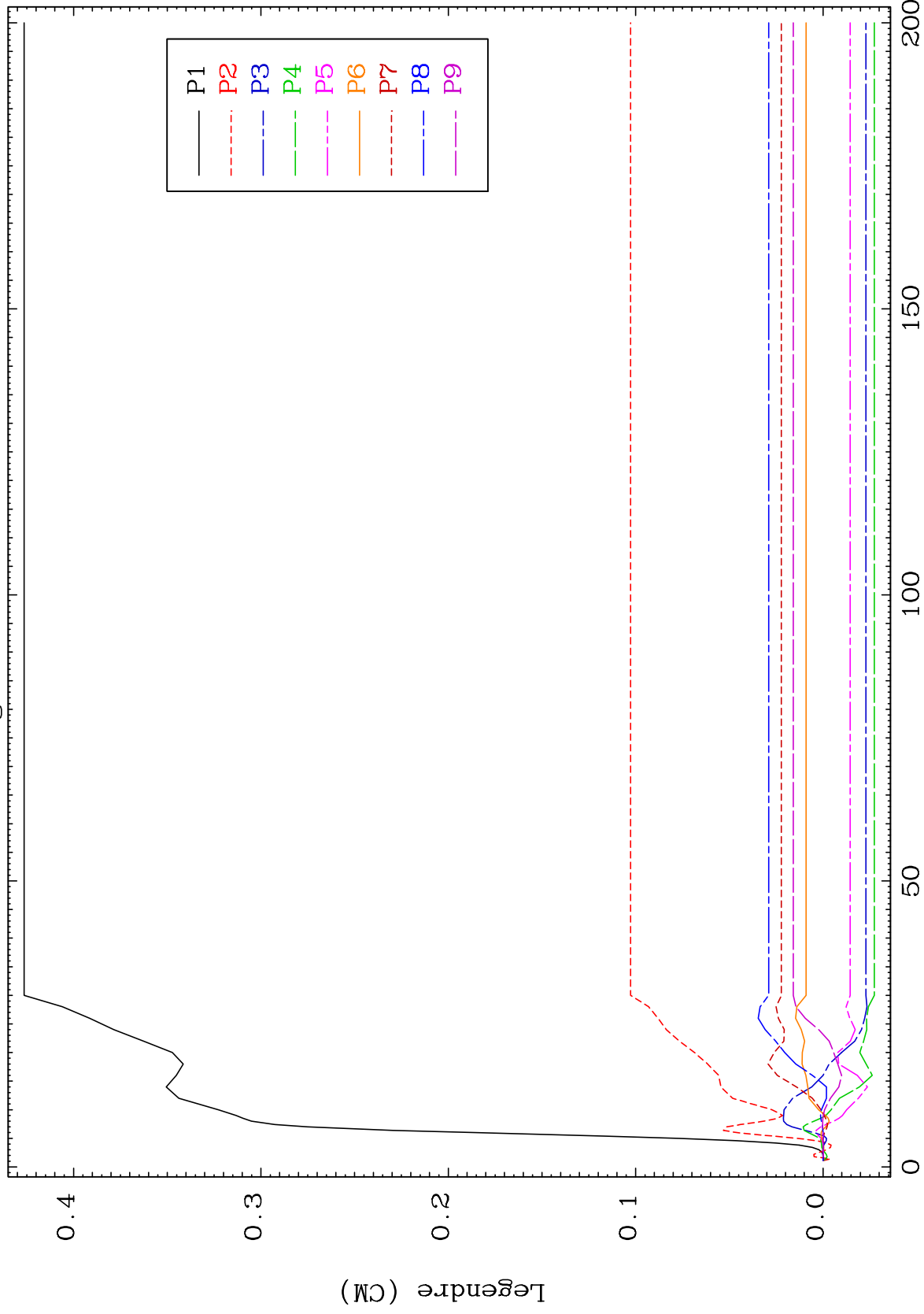
Incident Energy (MeV)

75

MAT 5913

1.078 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



76

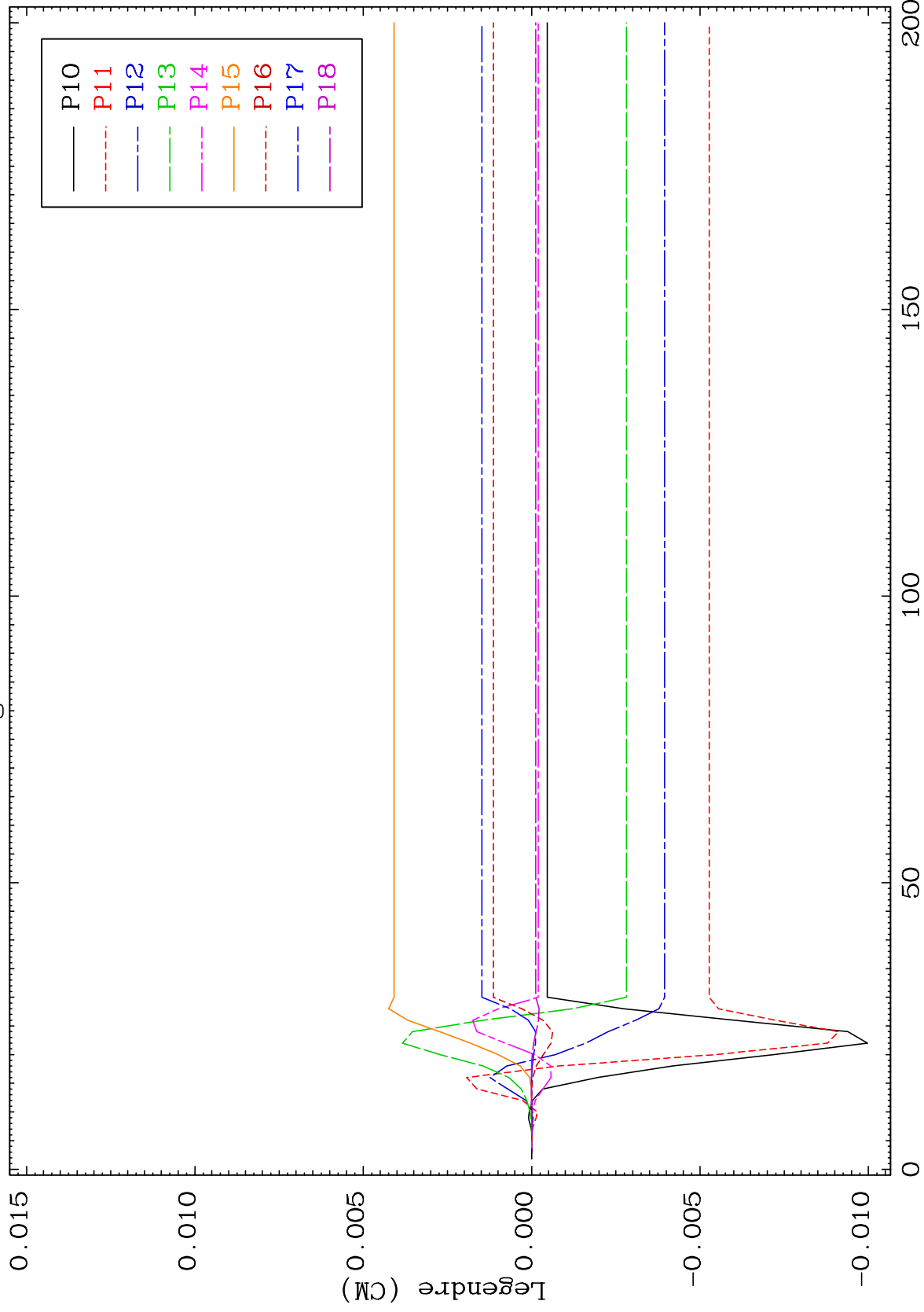
Incident Energy (MeV)

59-Pr-137

MAT 5913

1.078 MeV (n,n') Level
Legendre Coefficients

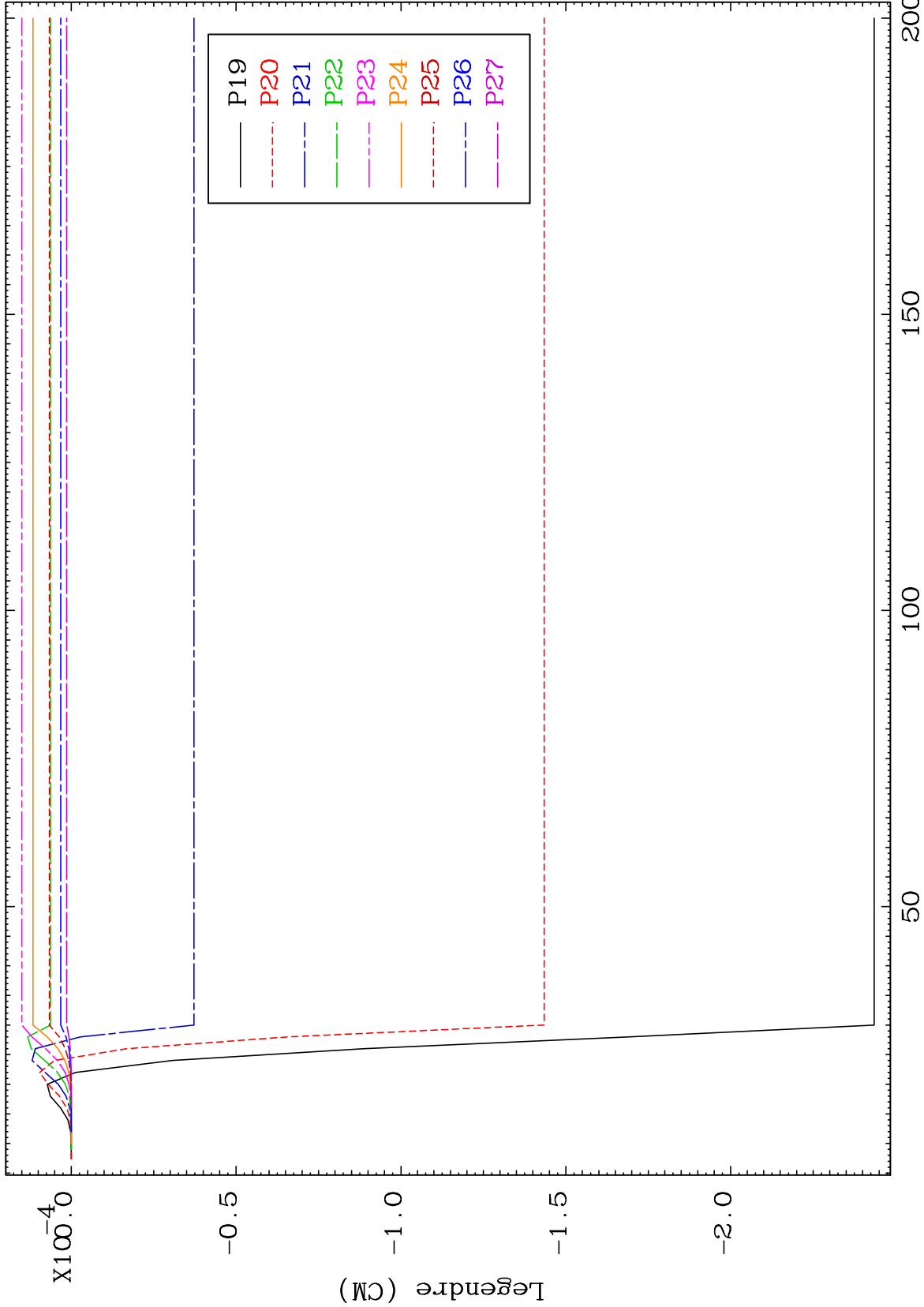
59-Pr-137

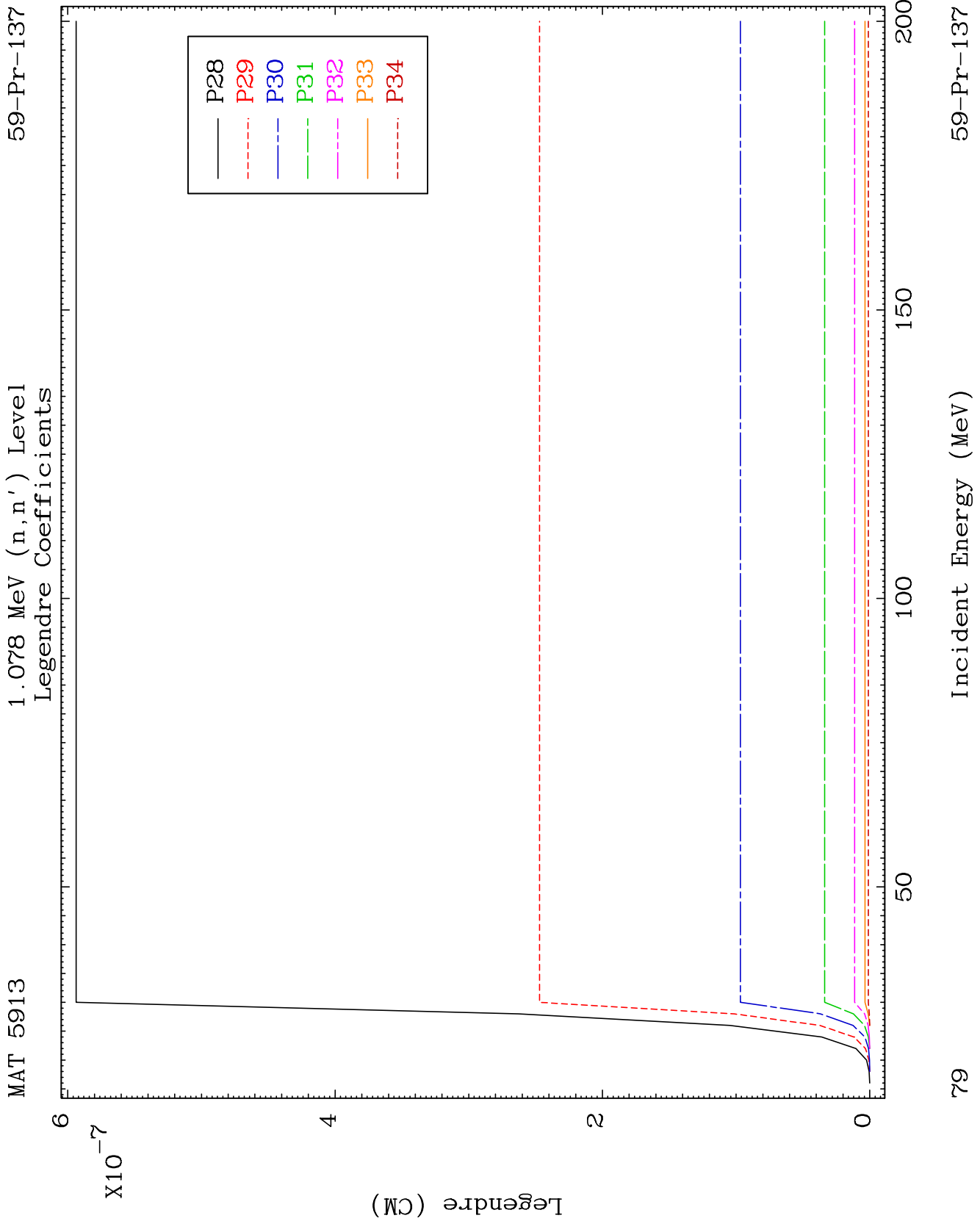


77

Incident Energy (MeV)

59-Pr-137

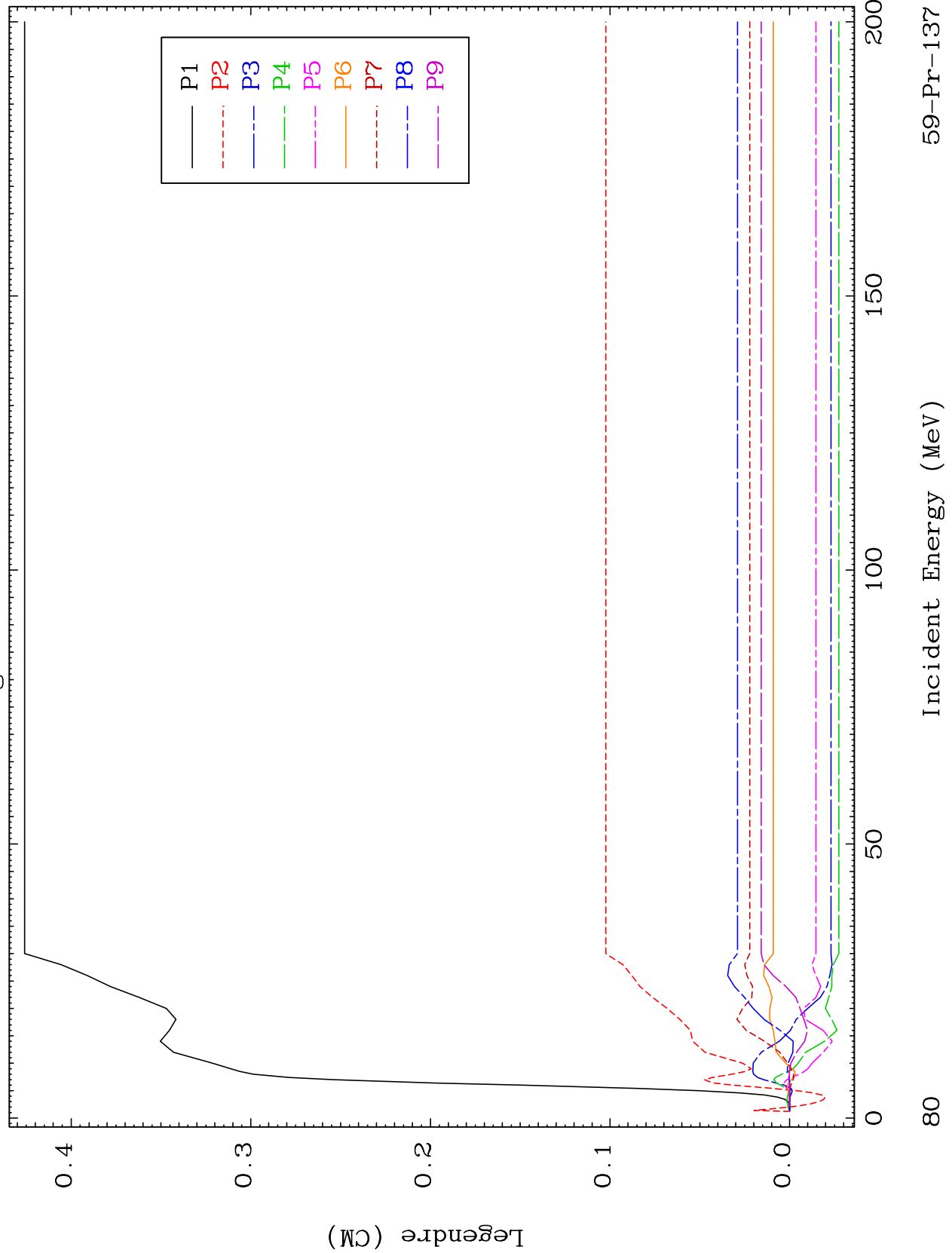




MAT 5913

1.189 MeV (n,n') Level
Legendre Coefficients

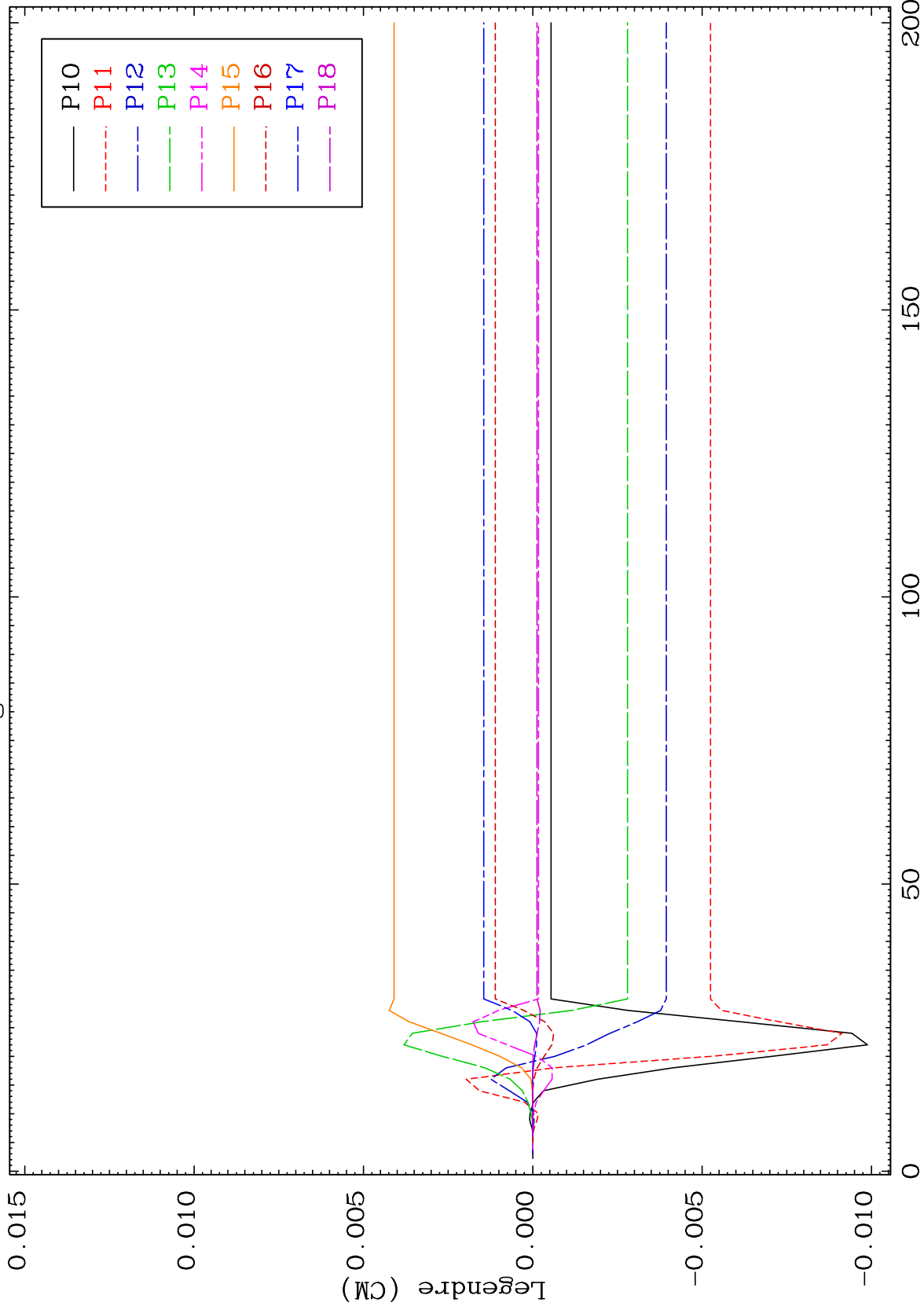
59-Pr-137

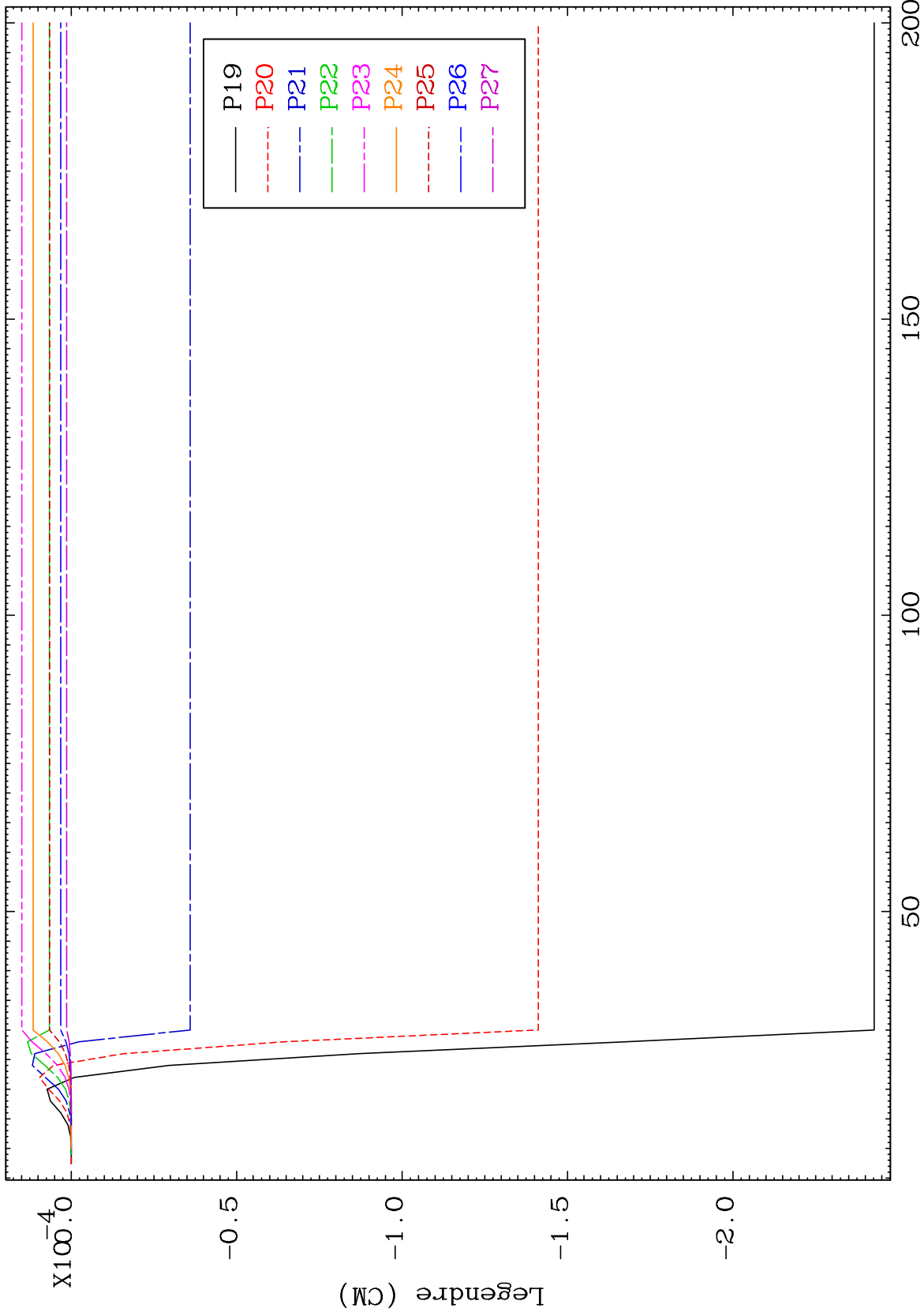


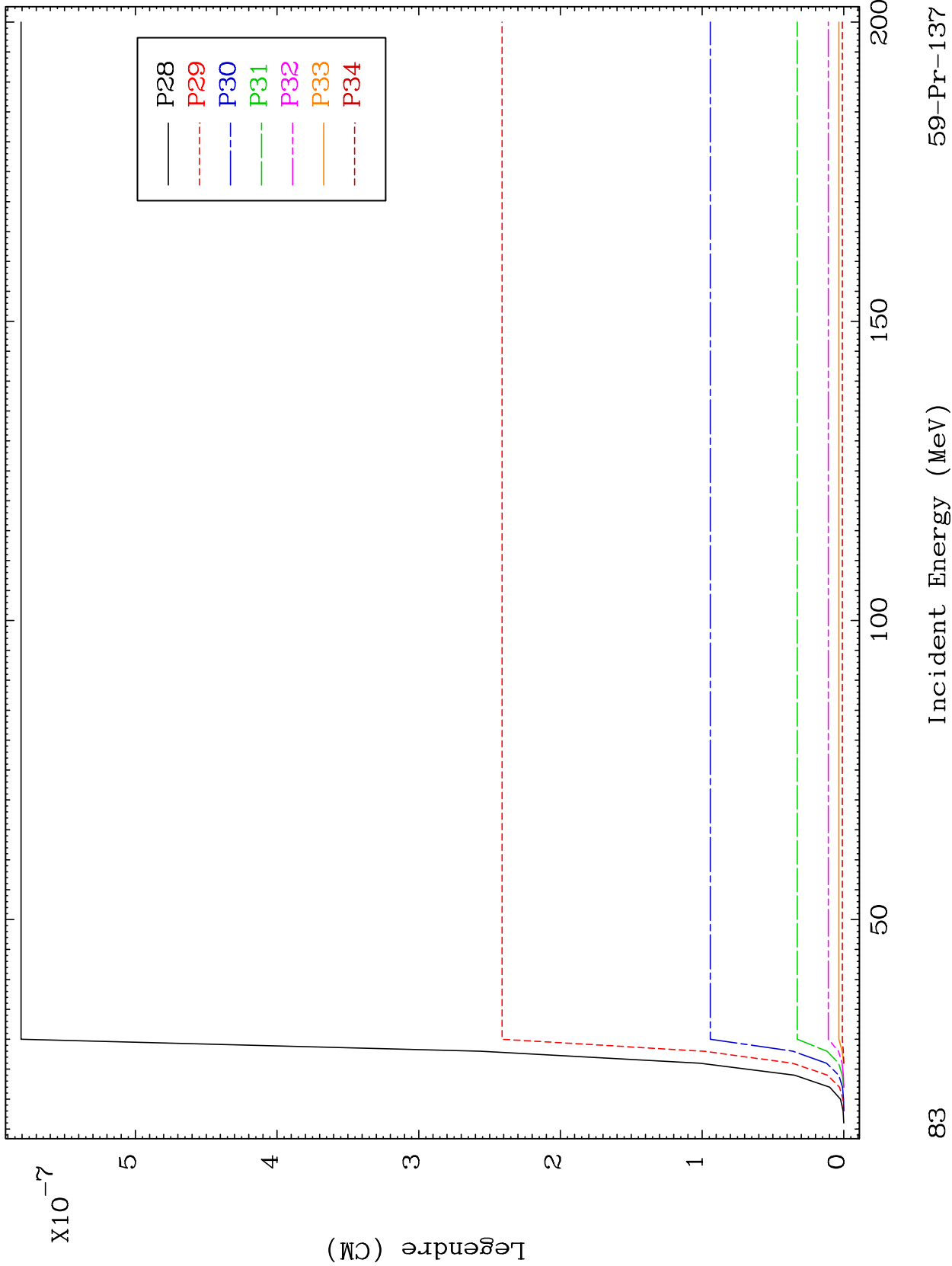
59-Pr-137

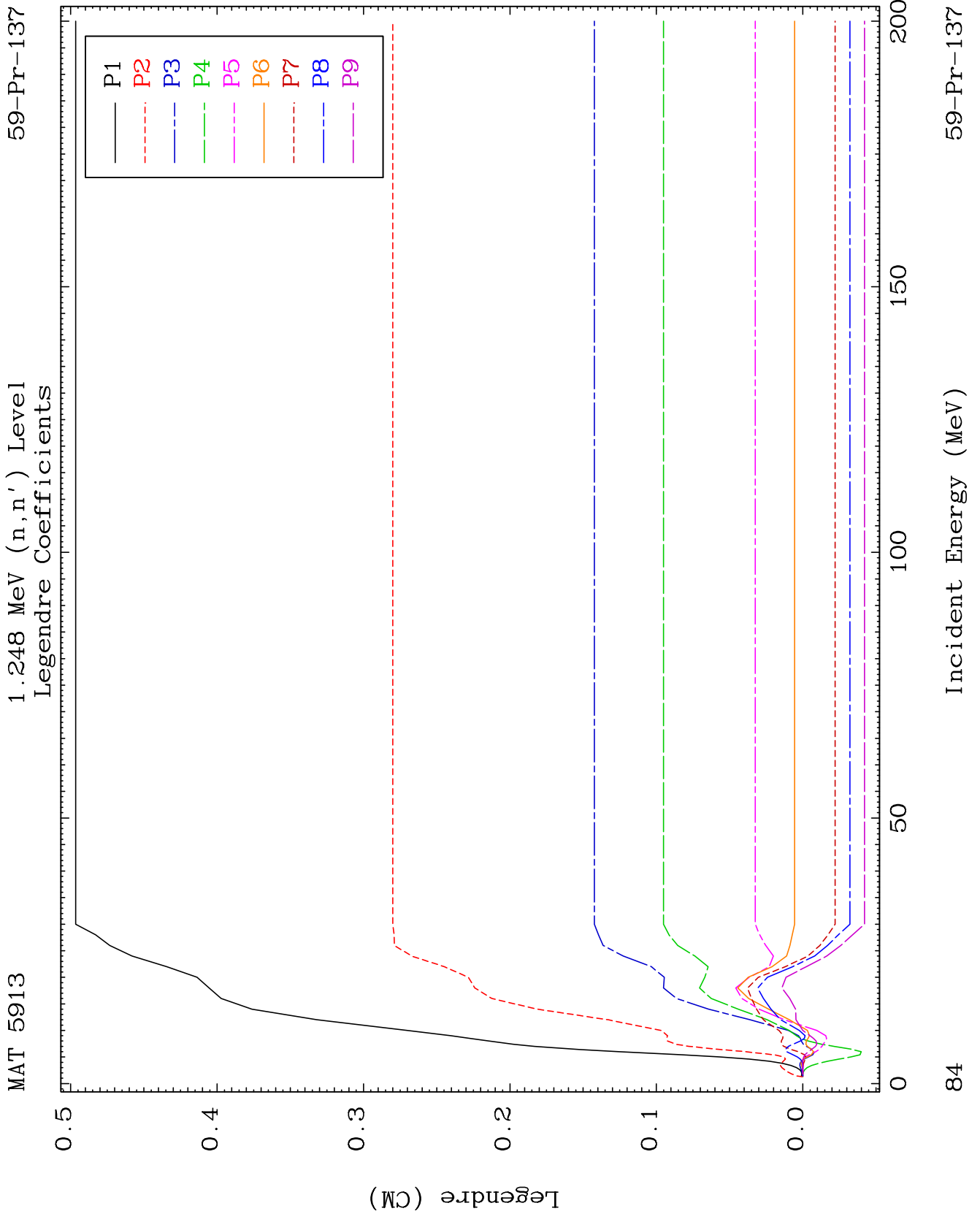
Incident Energy (MeV)

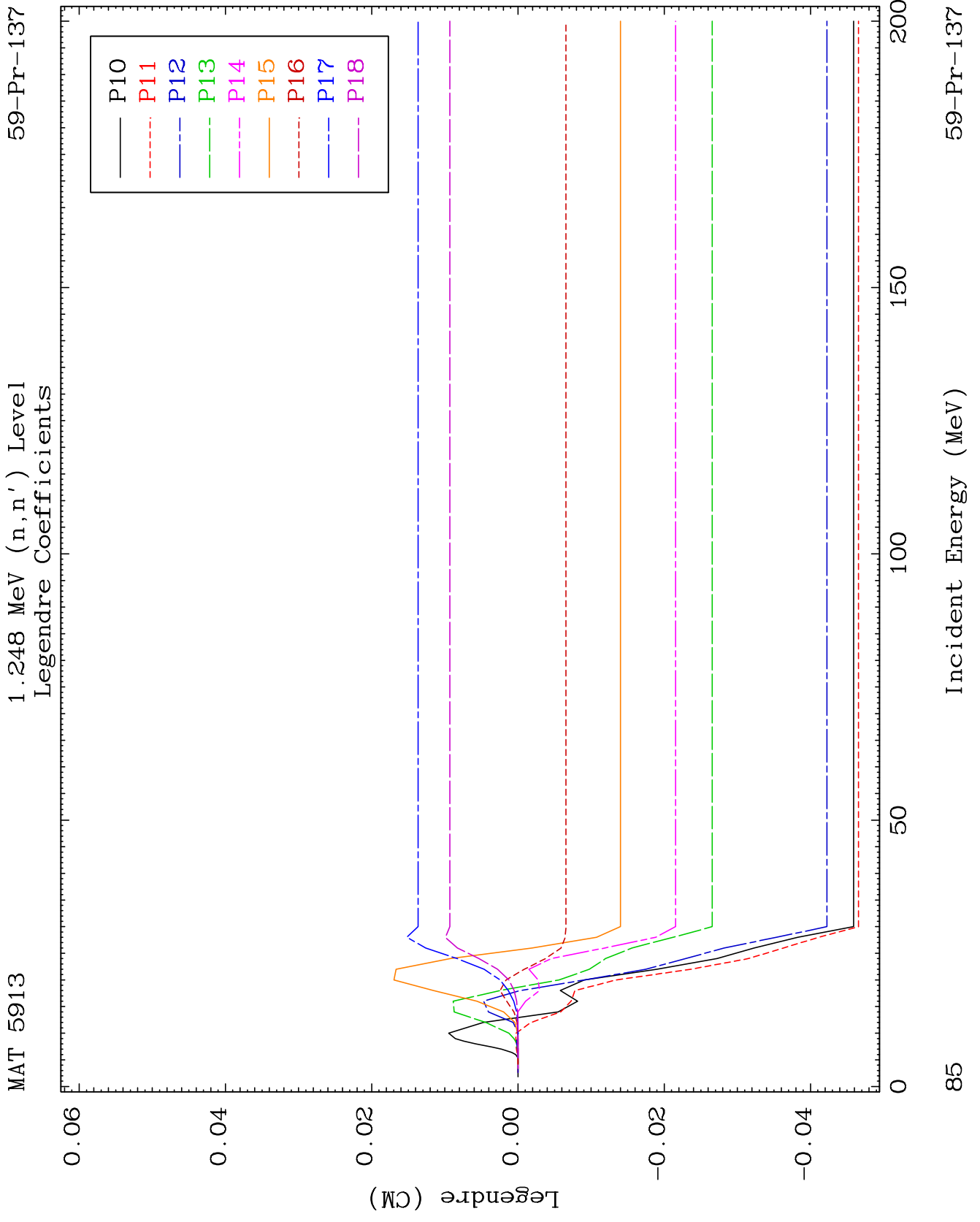
80

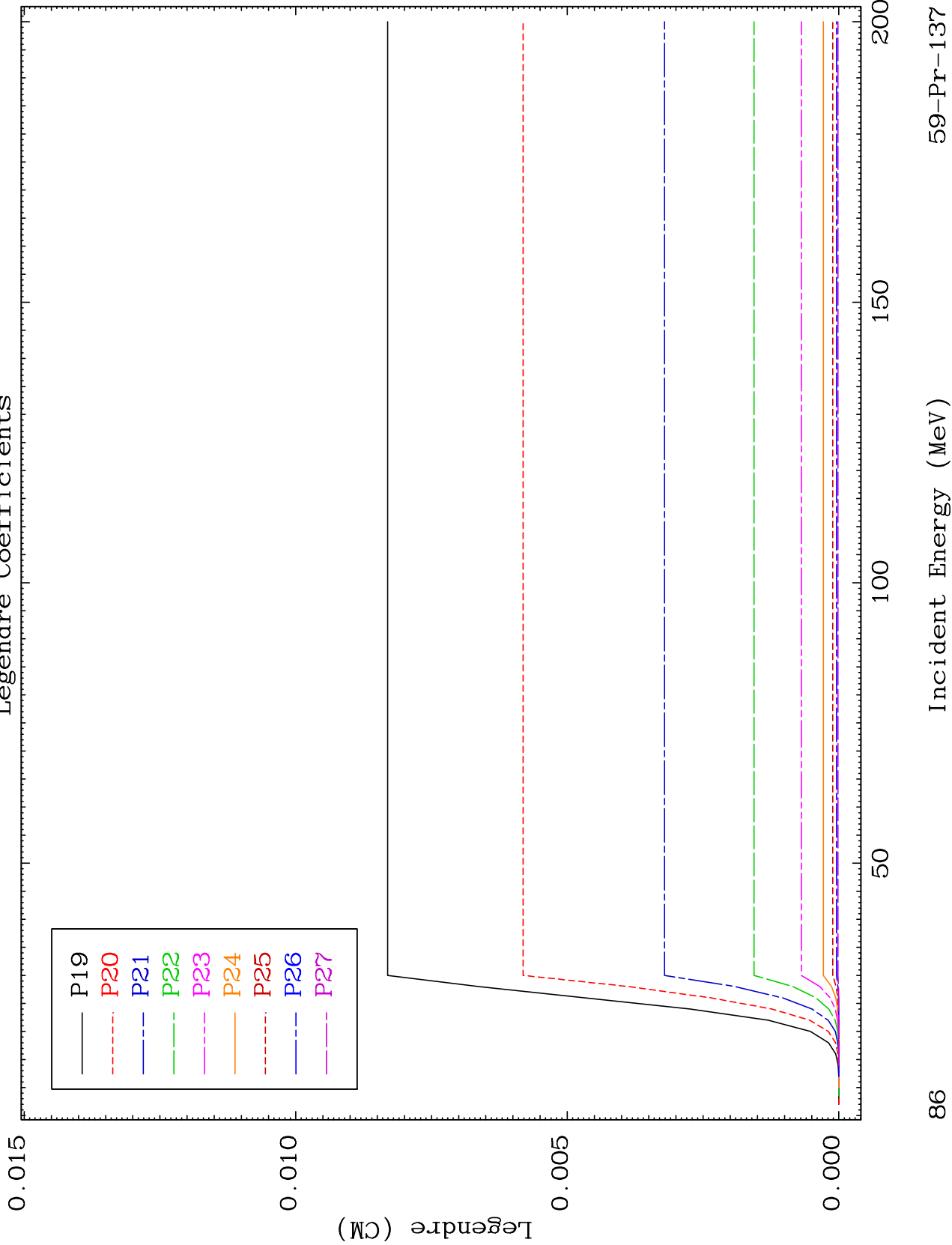








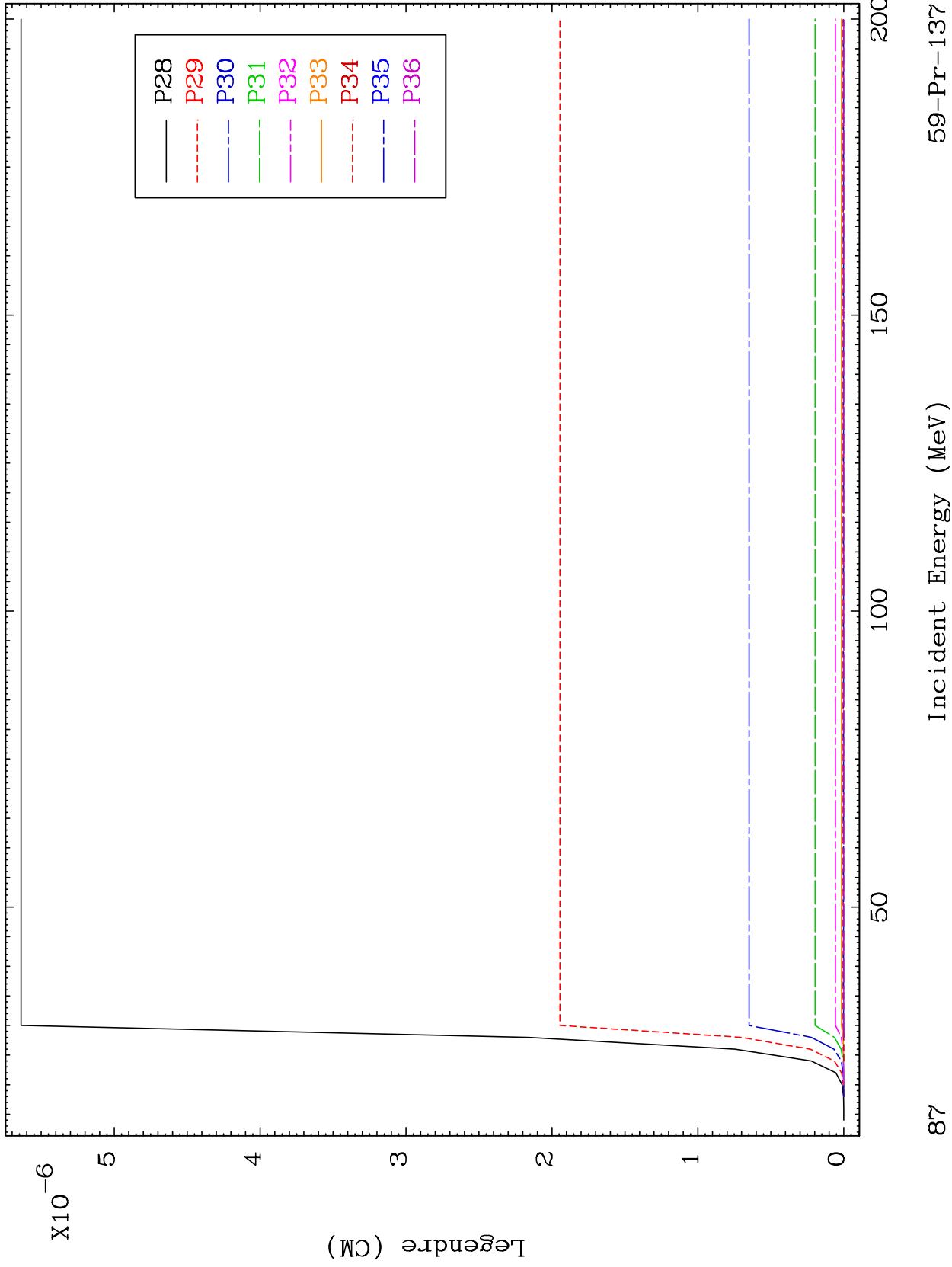


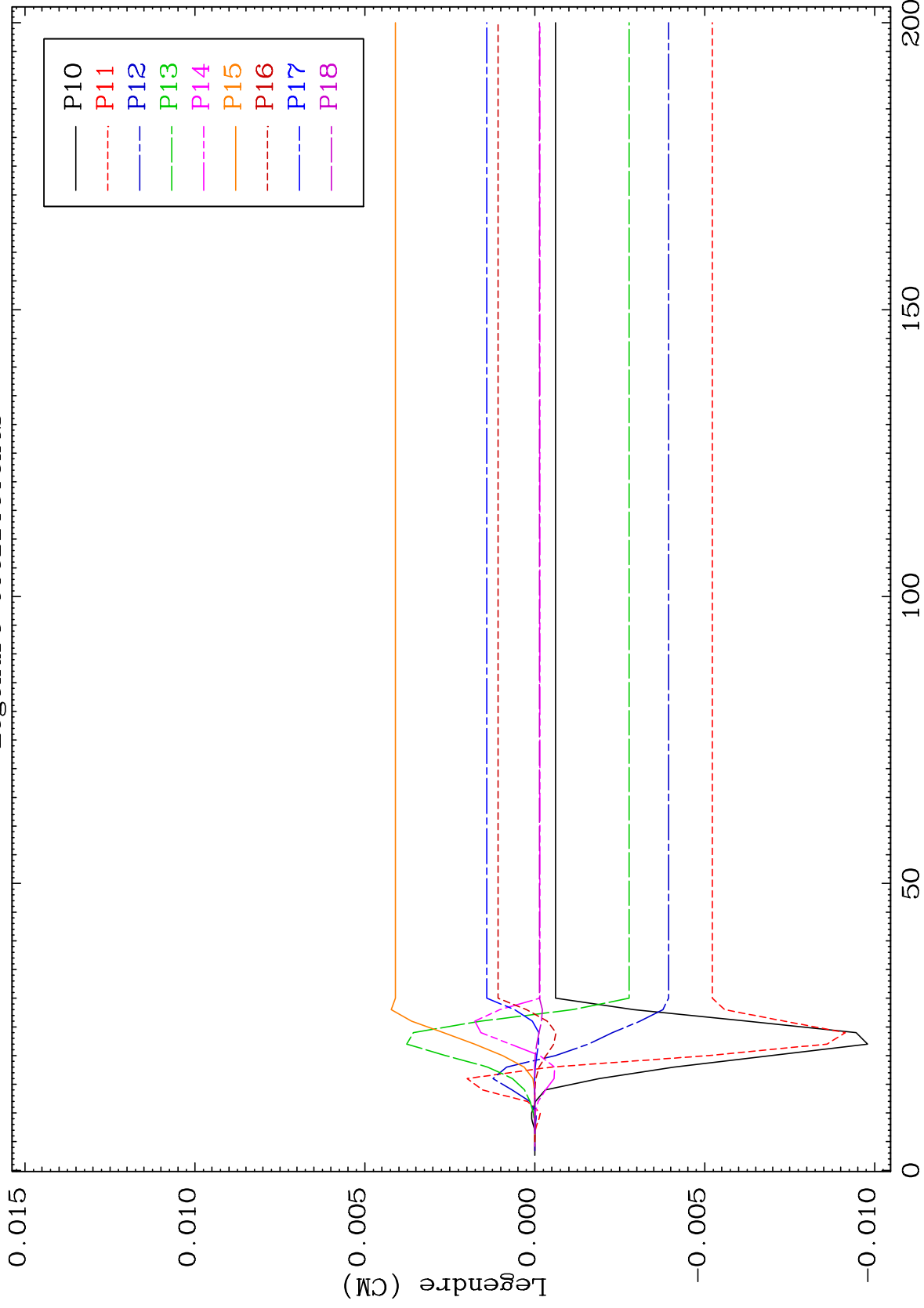


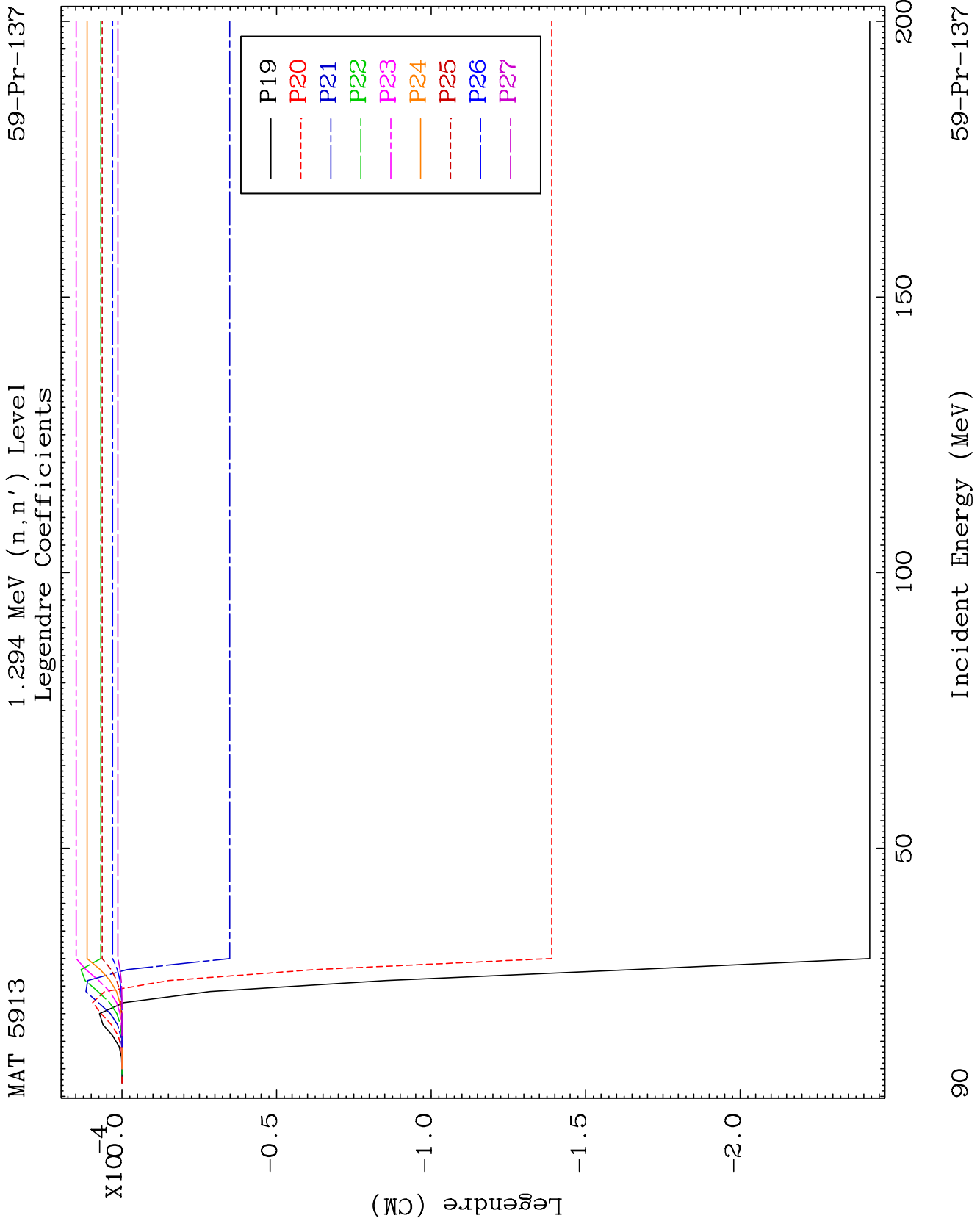
MAT 5913

1.248 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



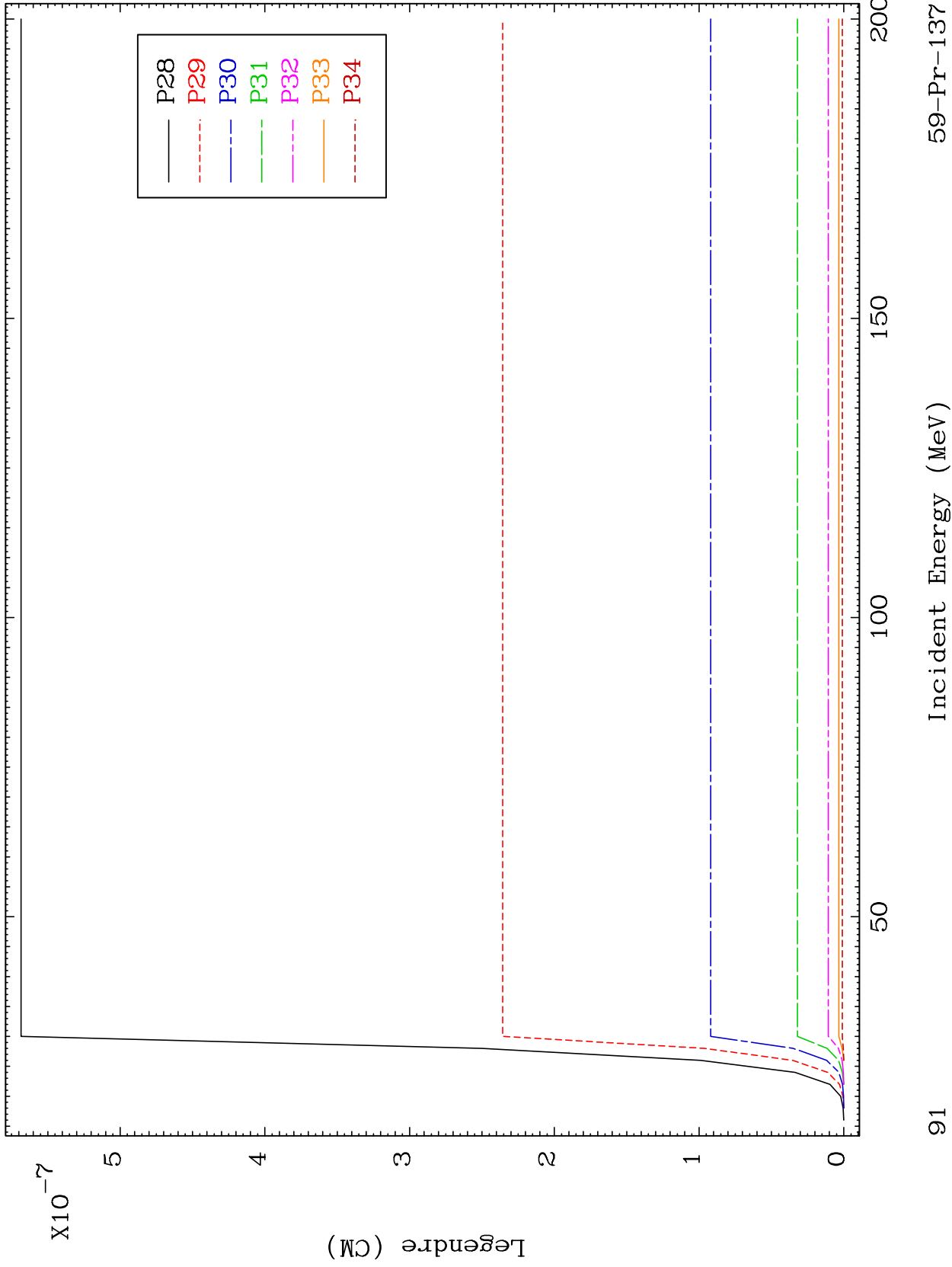




MAT 5913

1.294 MeV (n,n') Level
Legendre Coefficients

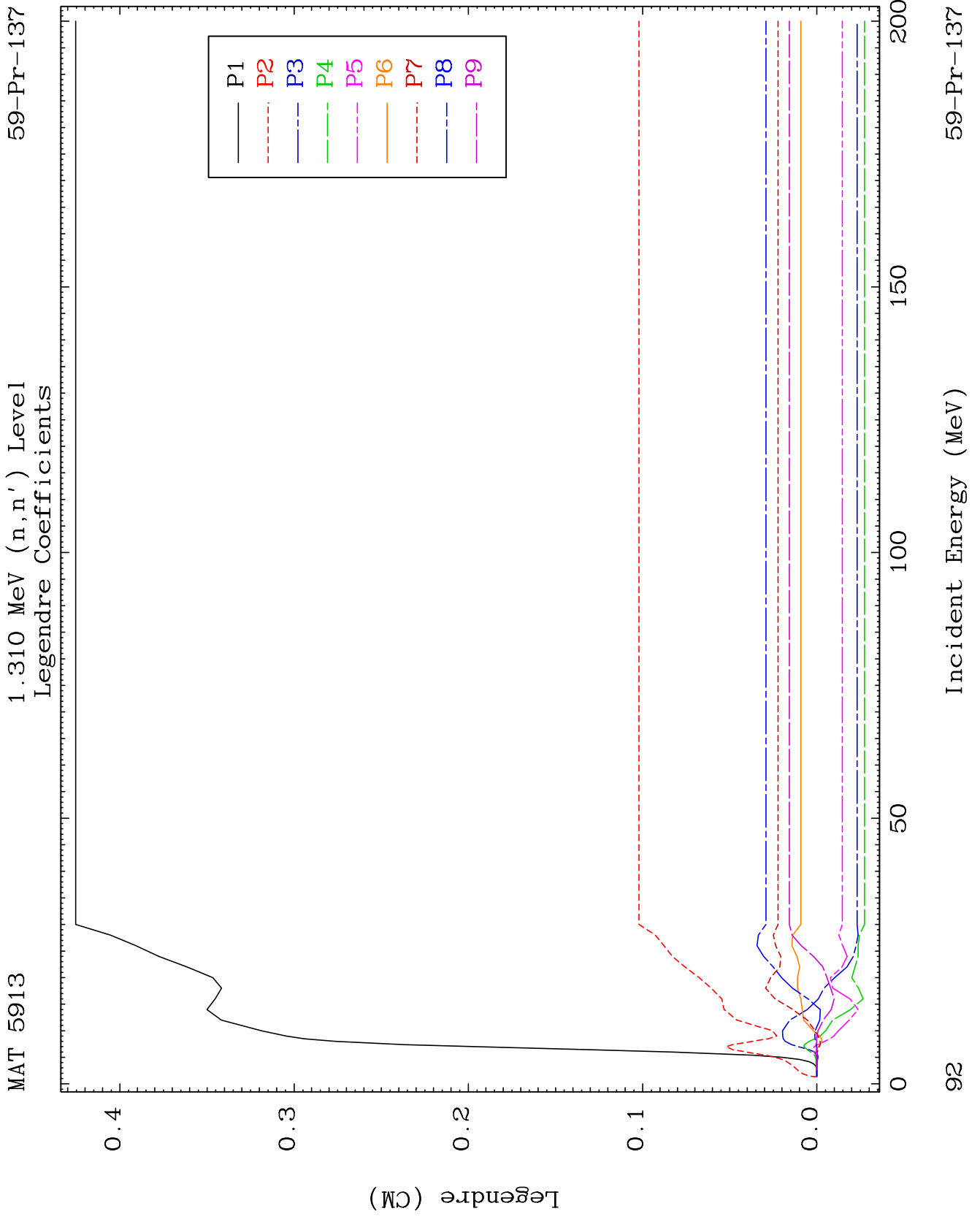
59-Pr-137

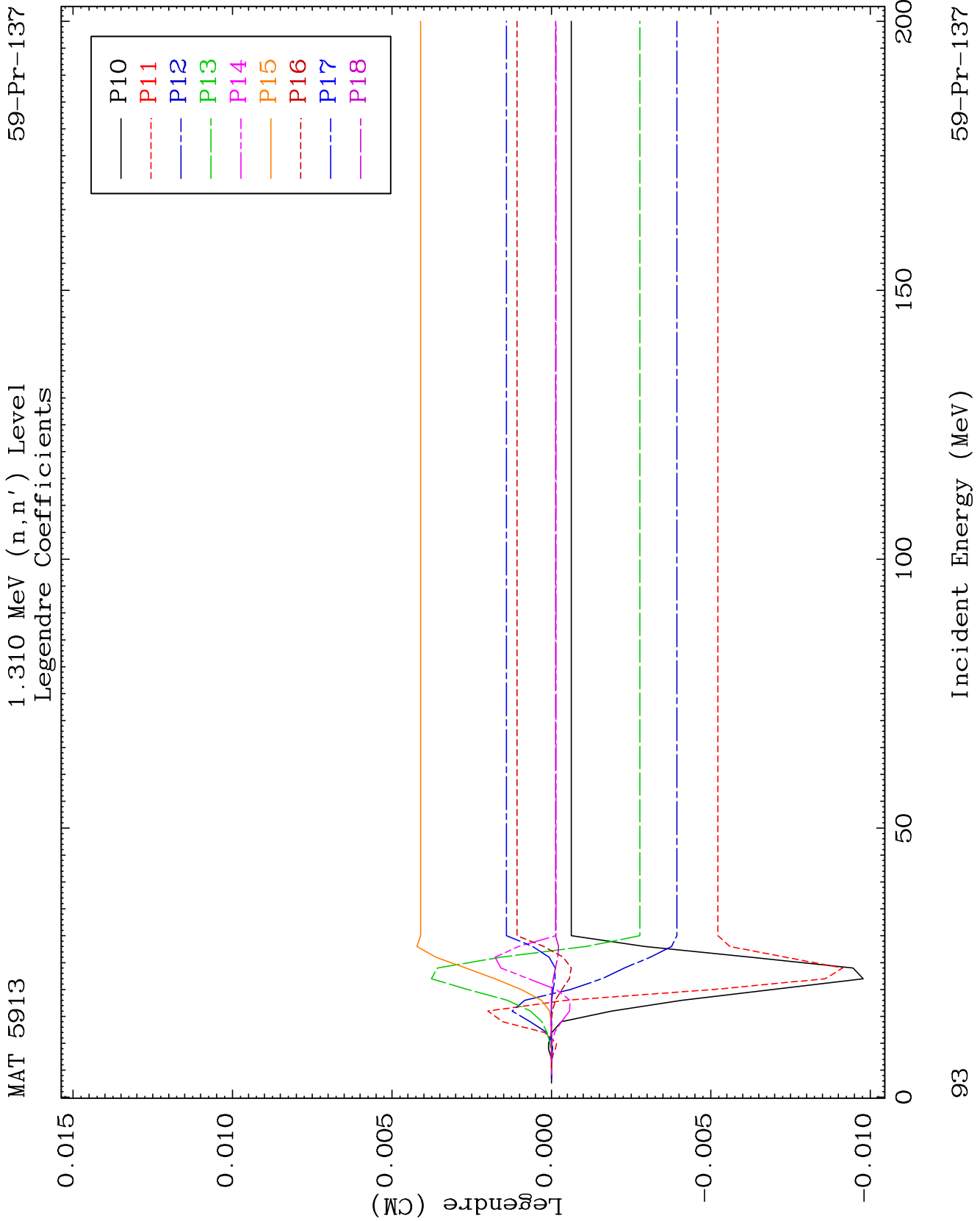


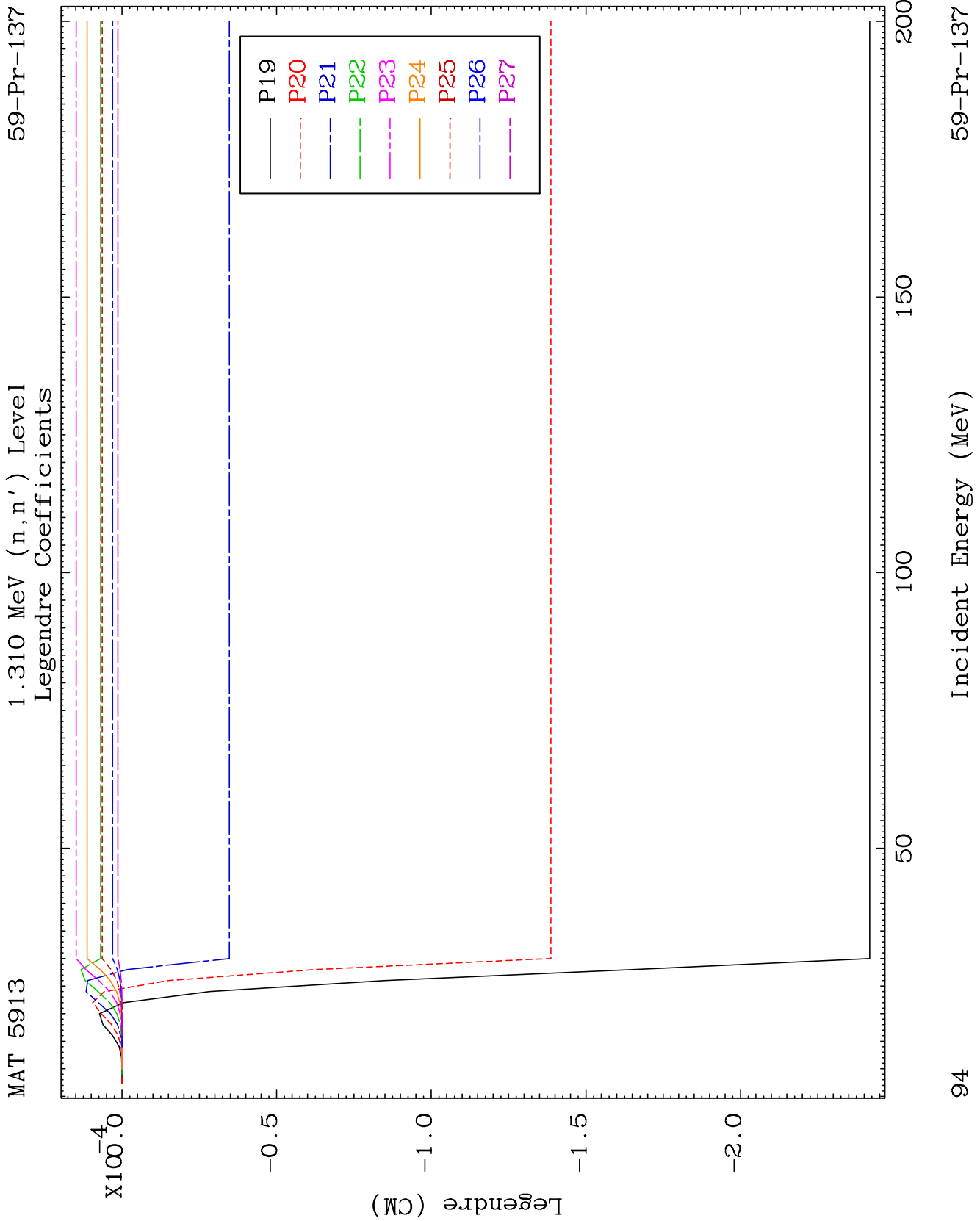
91

Incident Energy (MeV)

59-Pr-137



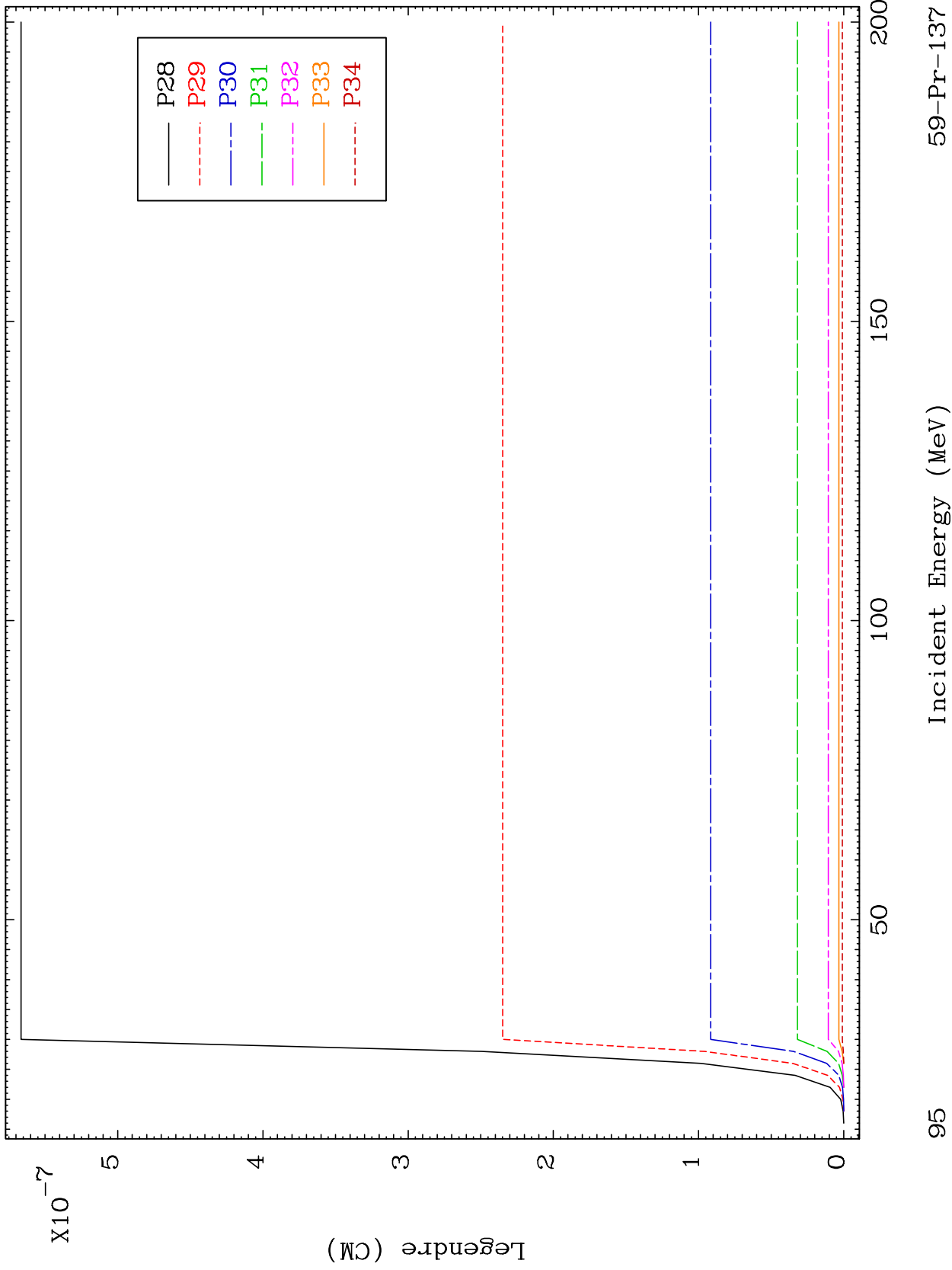




MAT 5913

1.310 MeV (n,n') Level
Legendre Coefficients

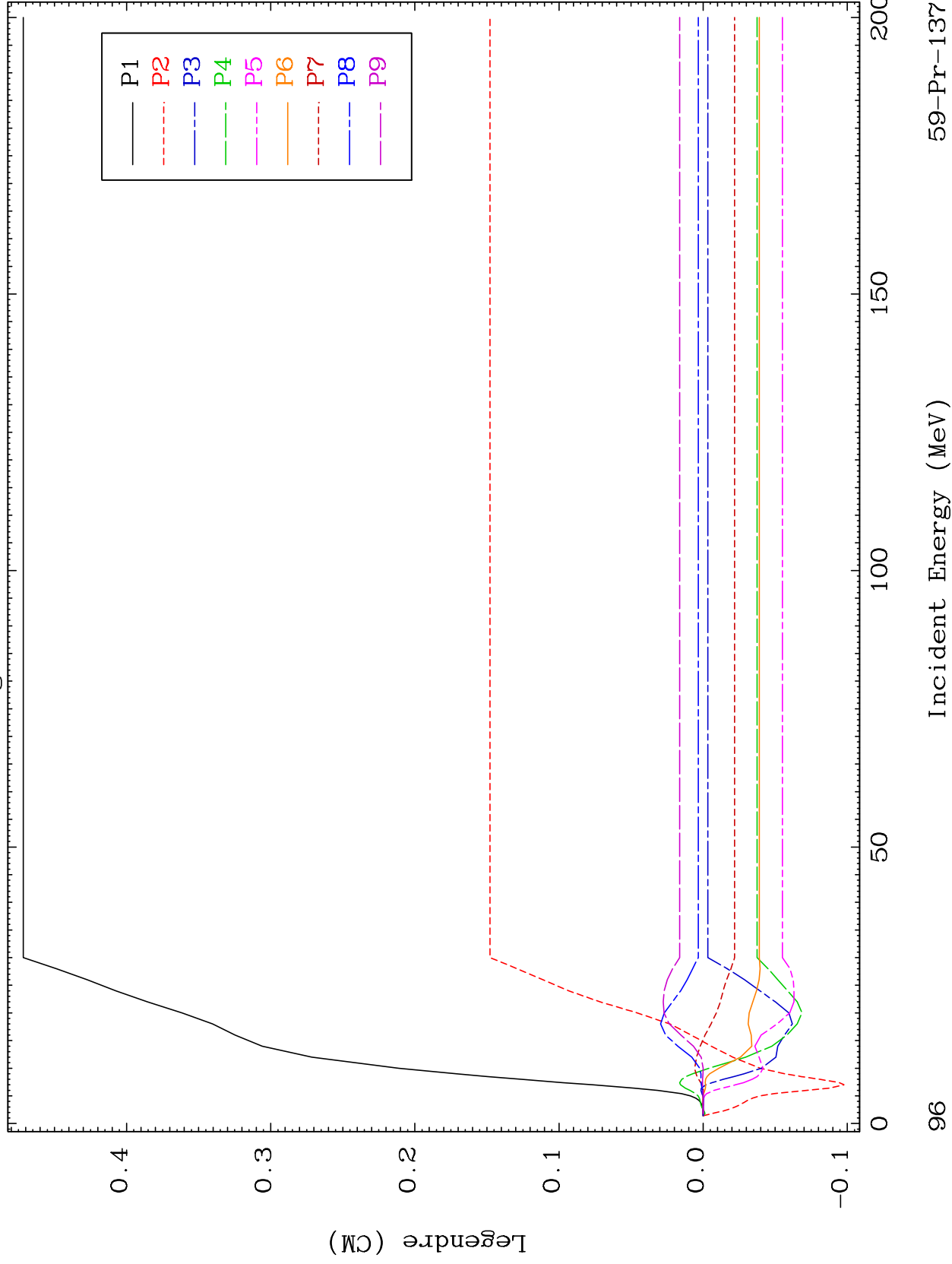
59-Pr-137



MAT 5913

1.349 MeV (n,n') Level
Legendre Coefficients

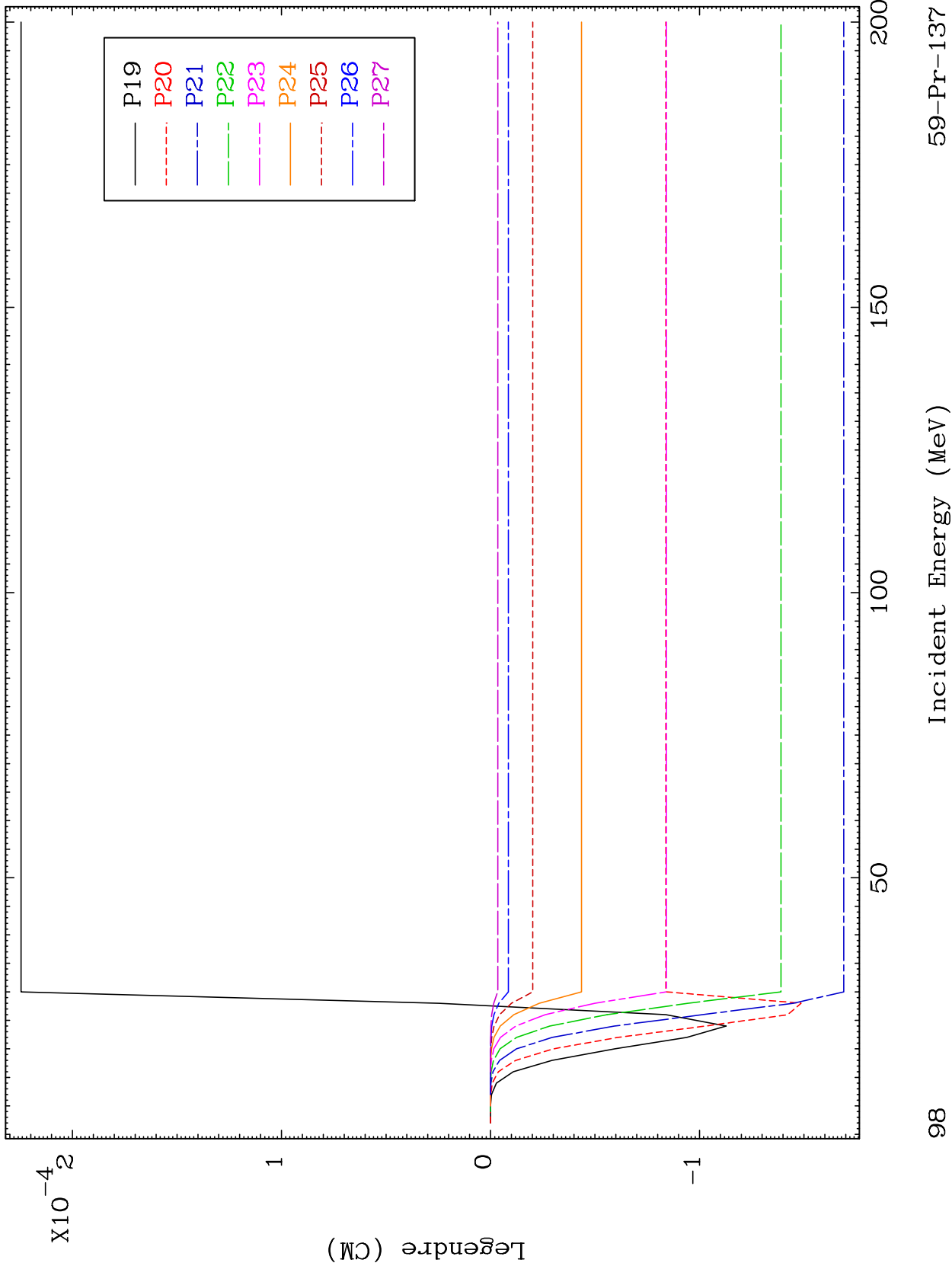
59-Pr-137

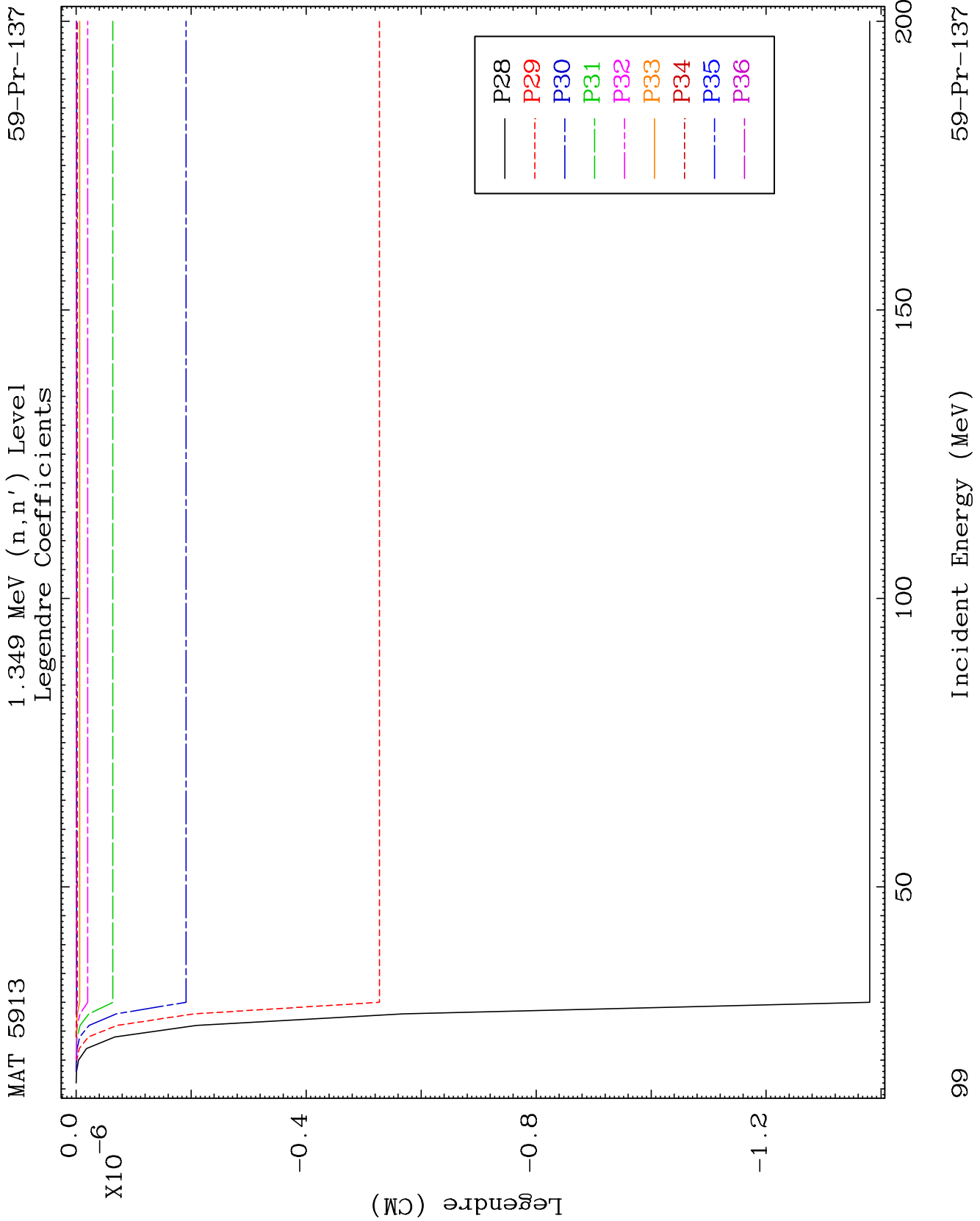


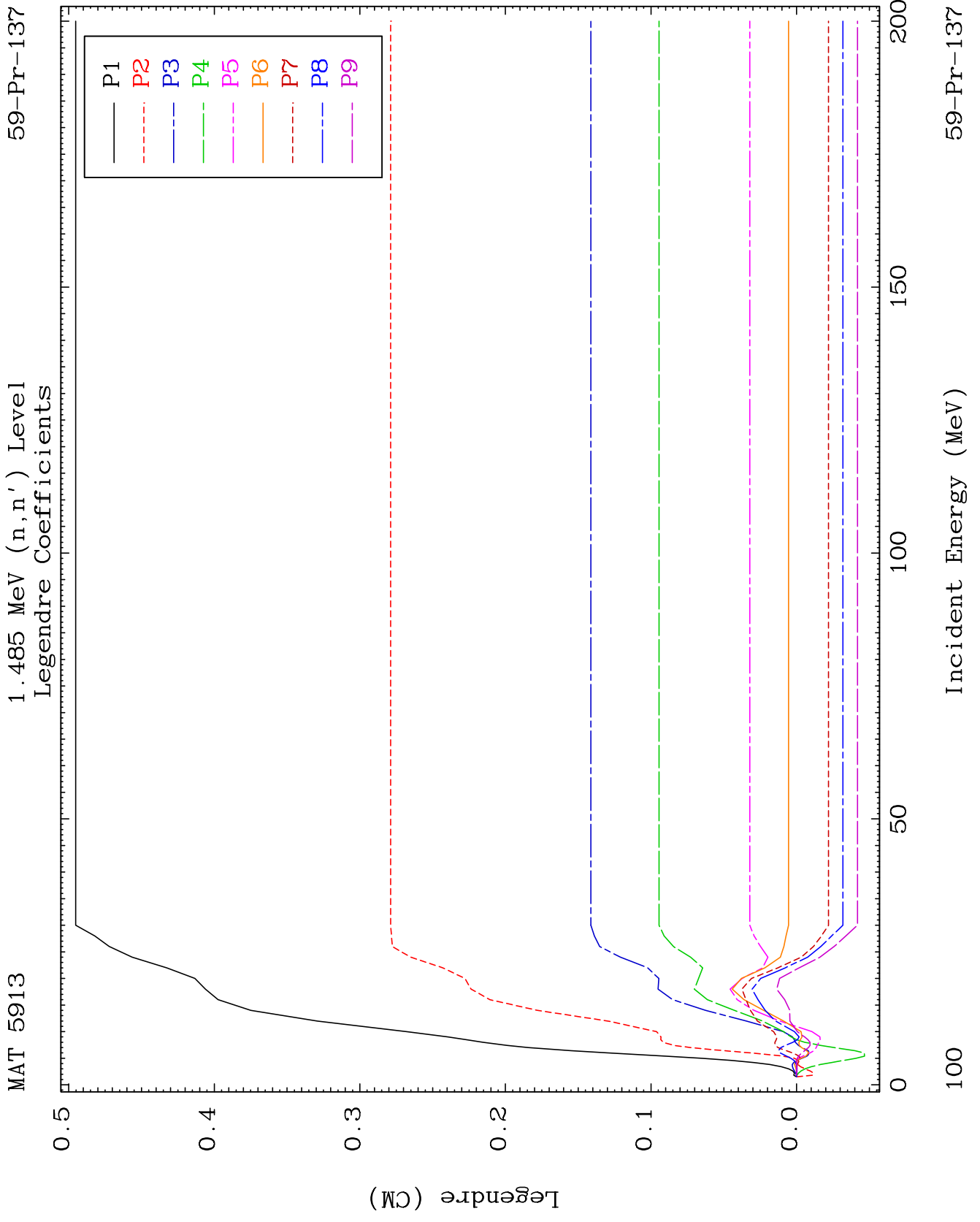
59-Pr-137

Incident Energy (MeV)

96



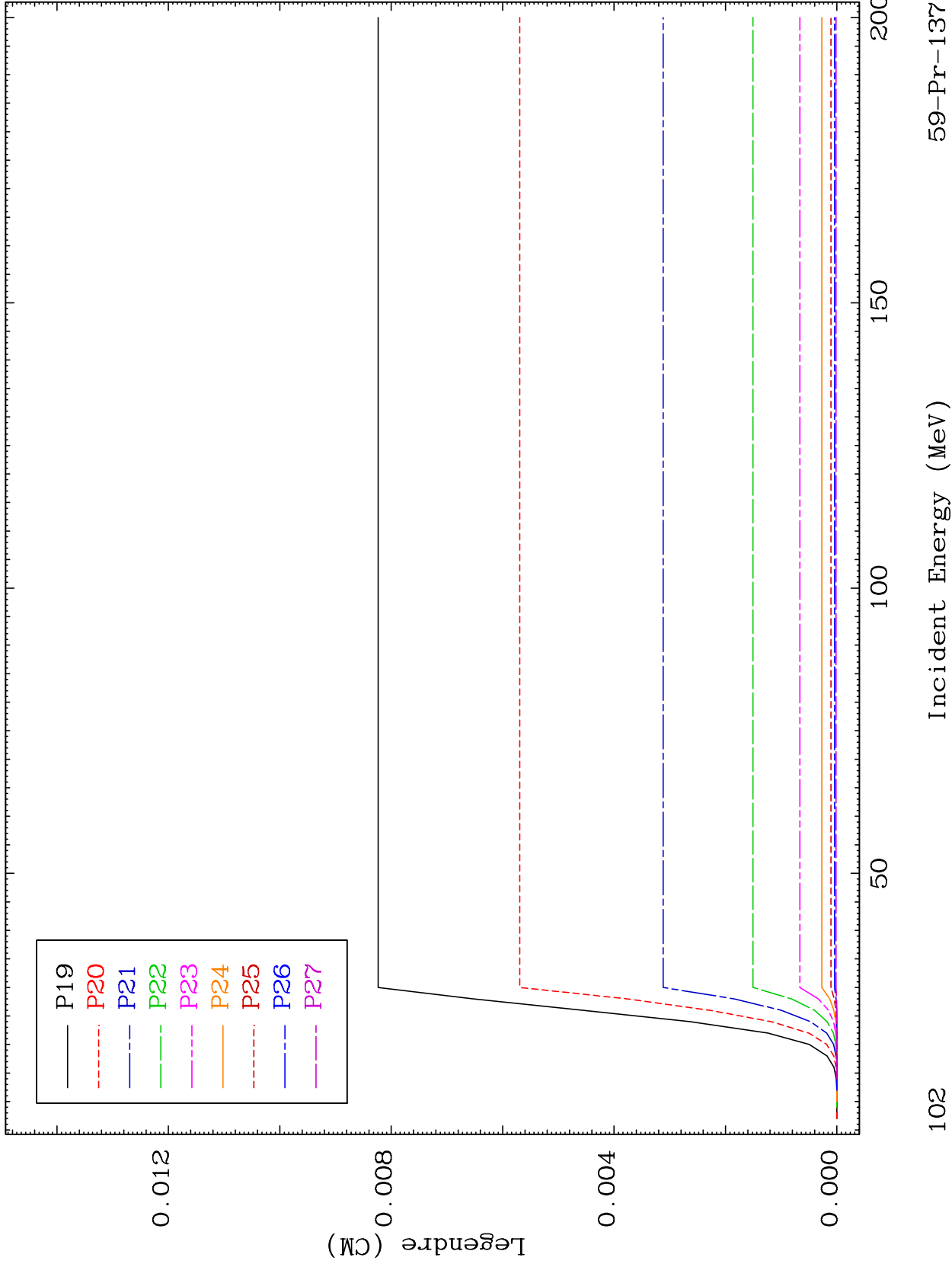




MAT 5913

1.485 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



102

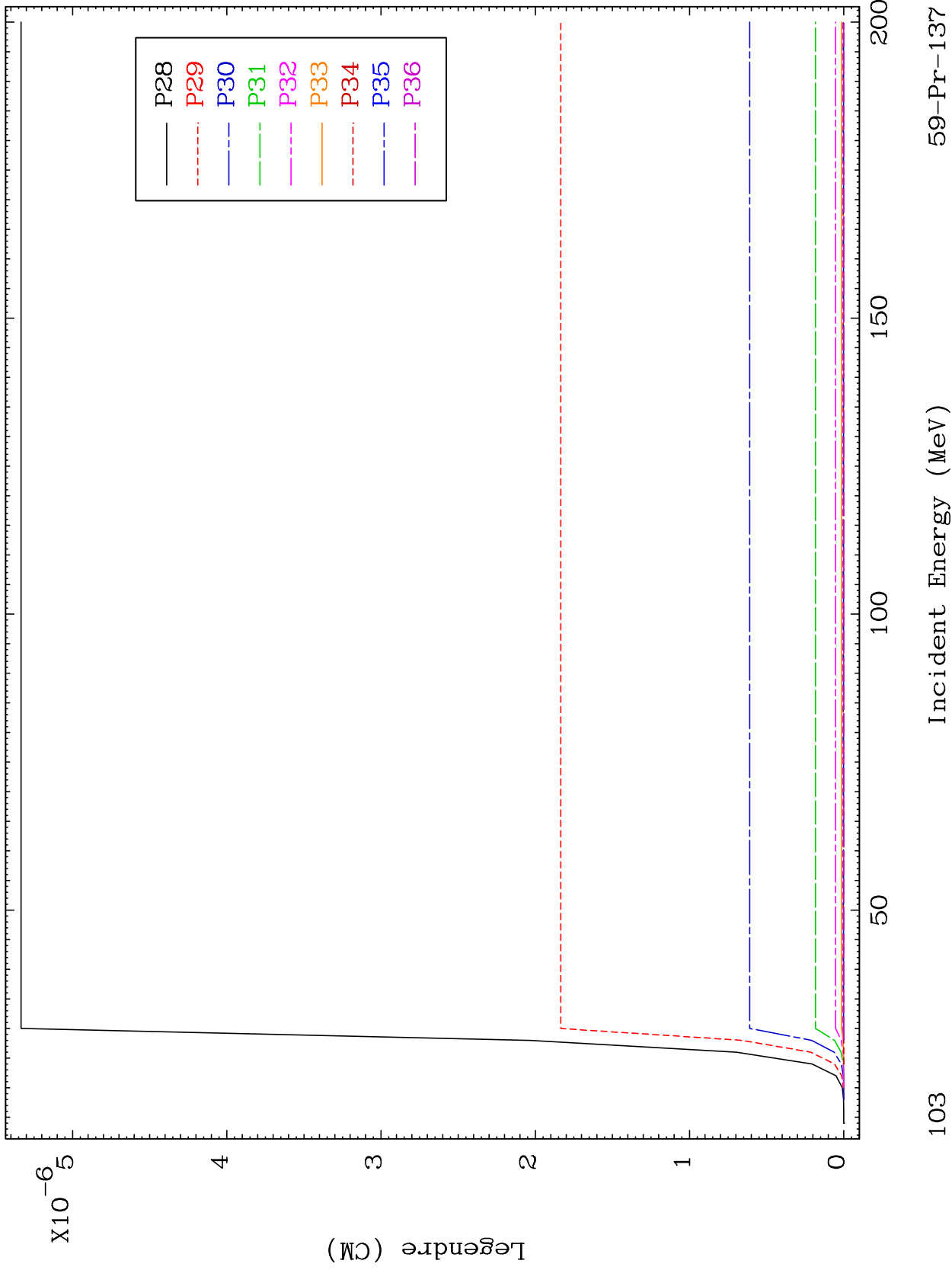
Incident Energy (MeV)

59-Pr-137

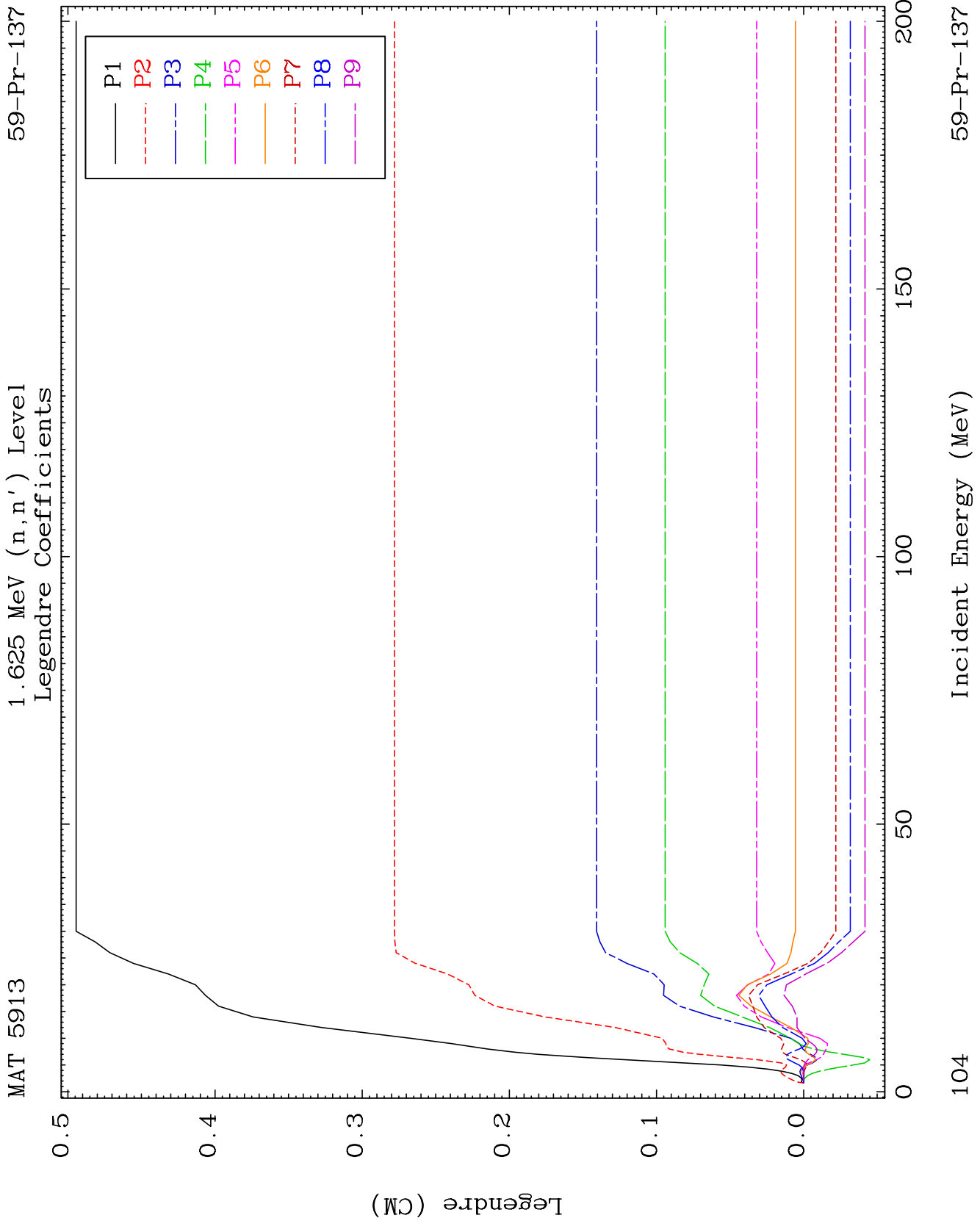
MAT 5913

1.485 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



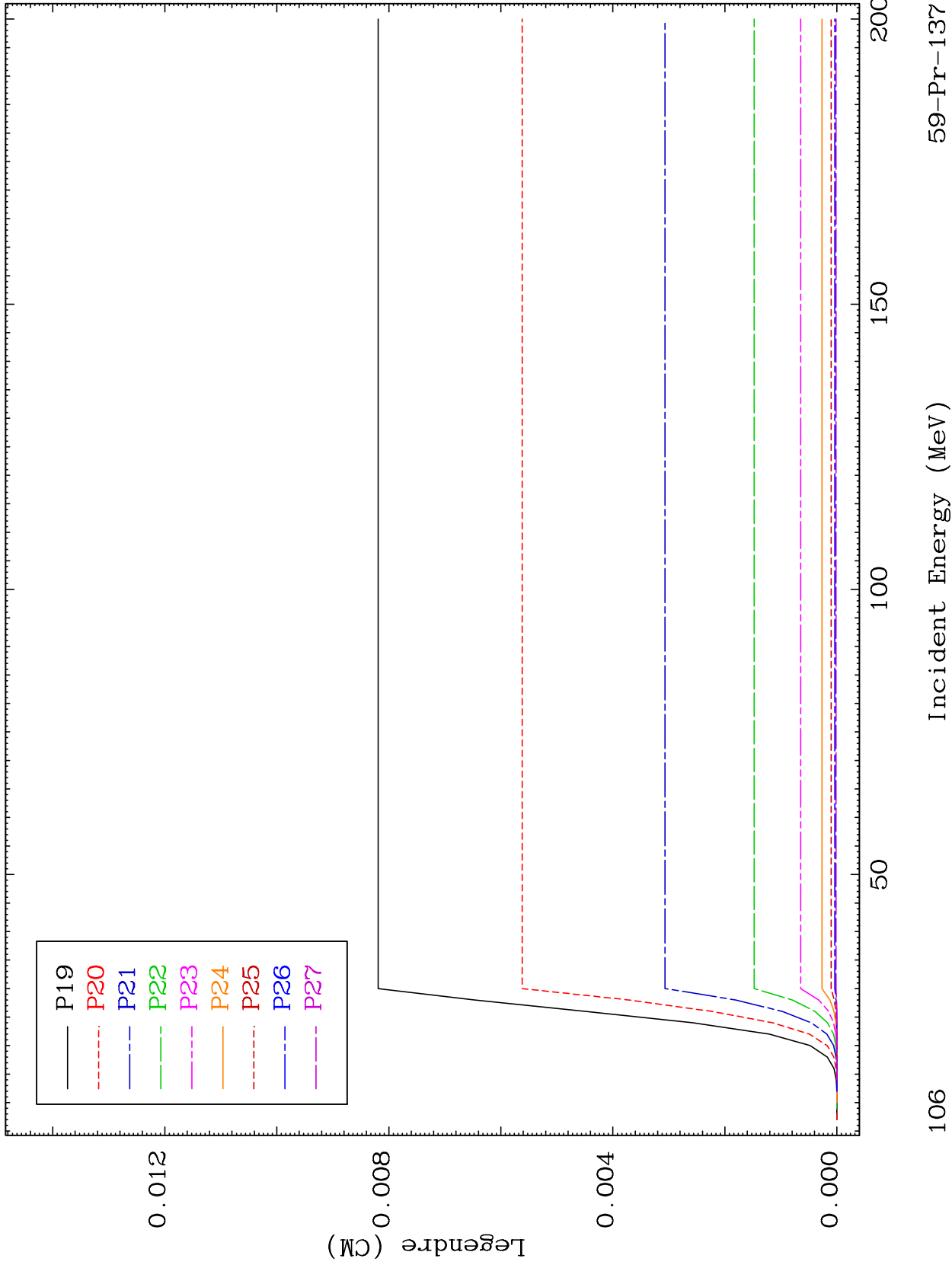
59-Pr-137



MAT 5913

1.625 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



106

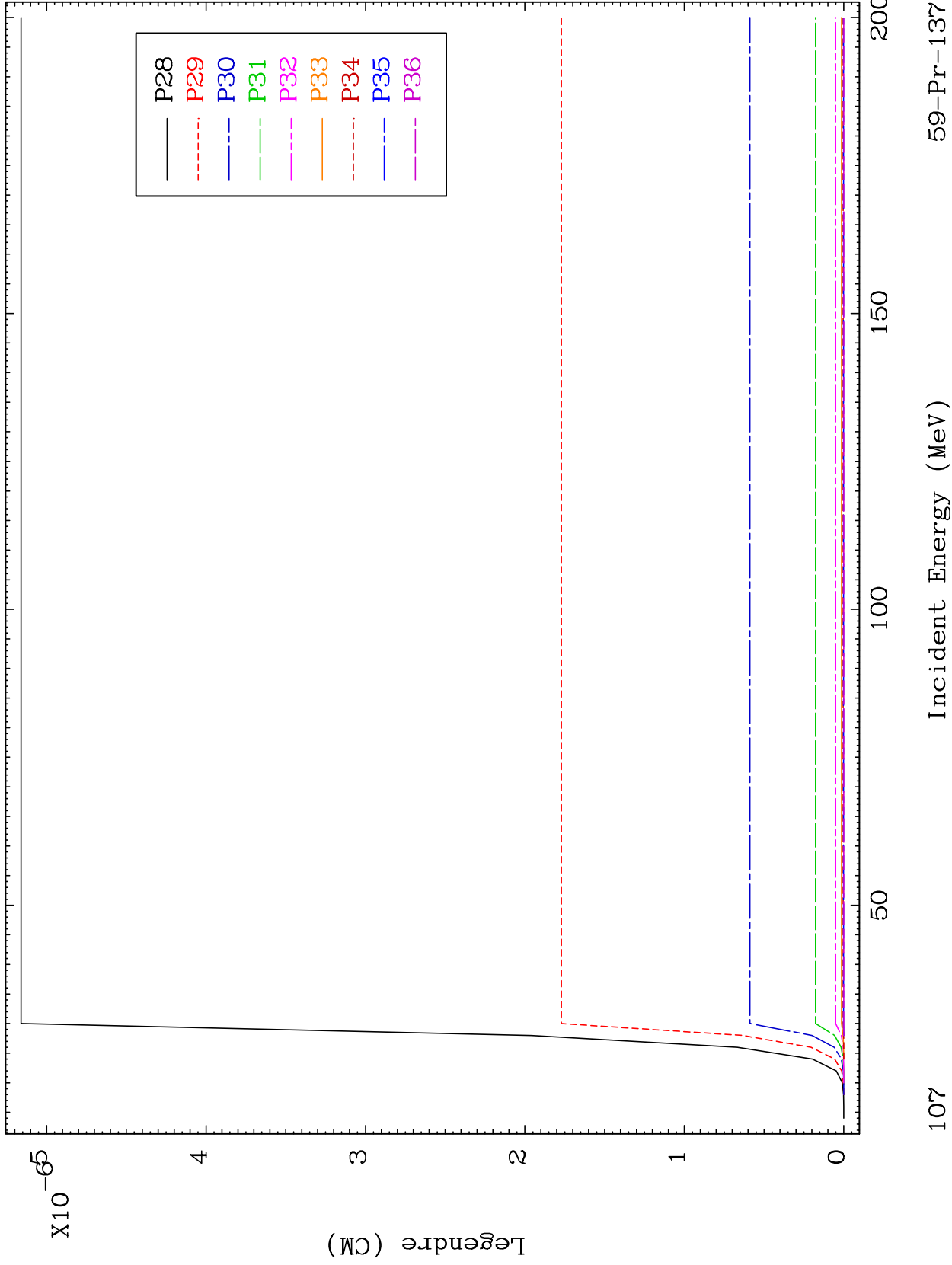
Incident Energy (MeV)

59-Pr-137

MAT 5913

1.625 MeV (n,n') Level
Legendre Coefficients

59-Pr-137

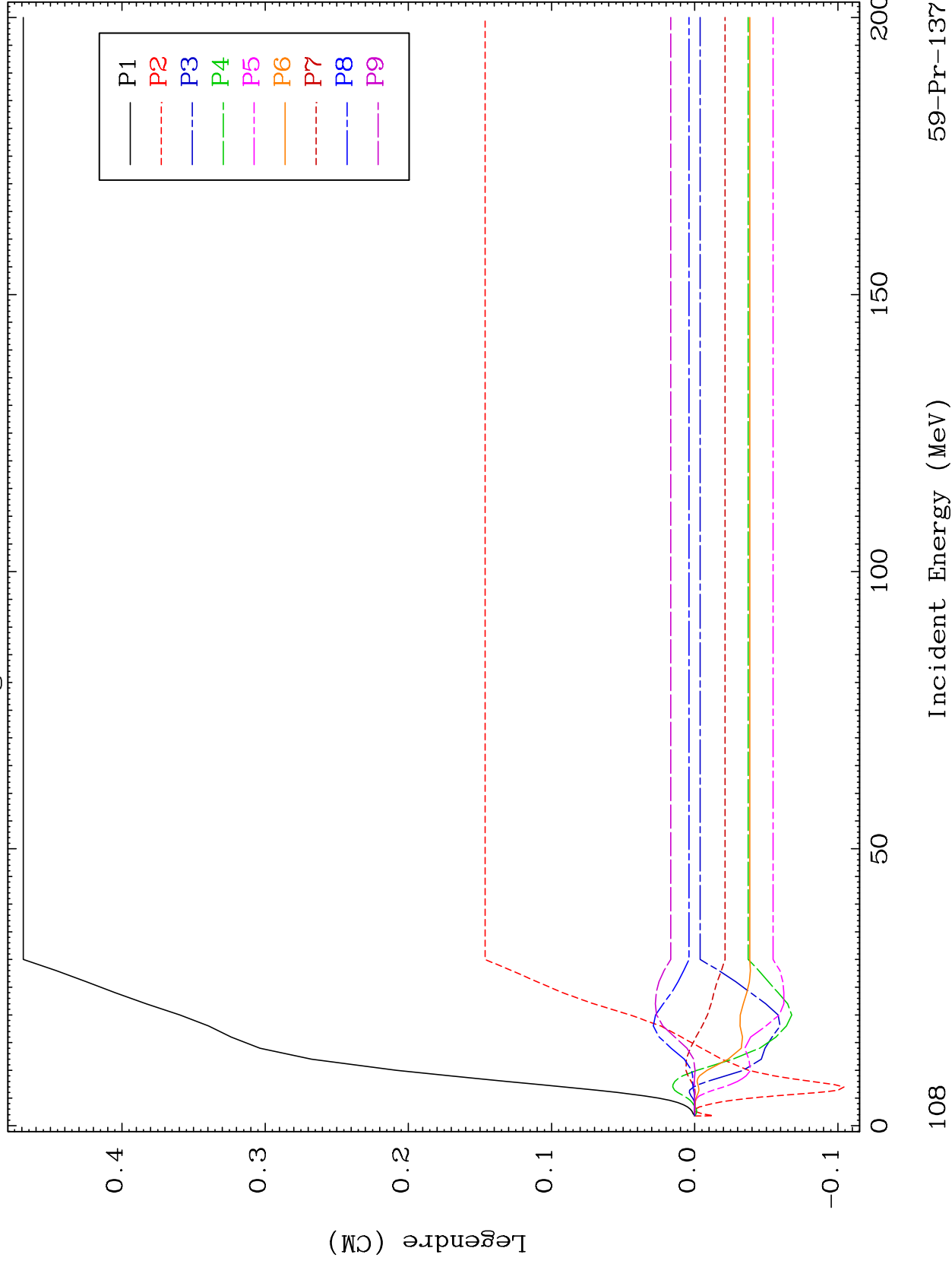


107

MAT 5913

1.746 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

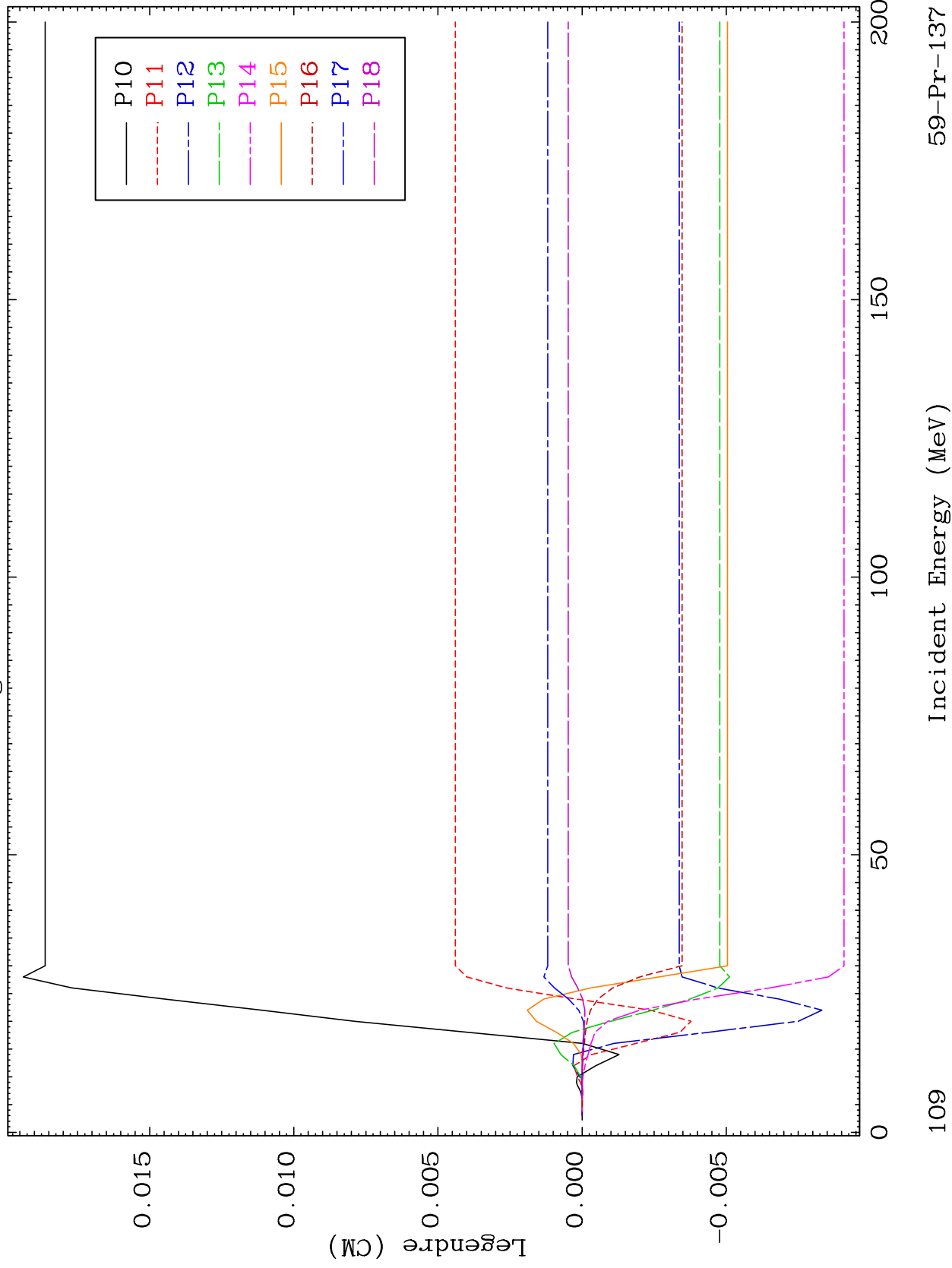
Incident Energy (MeV)

108

MAT 5913

1.746 MeV (n, n') Level
Legendre Coefficients

59-Pr-137



109

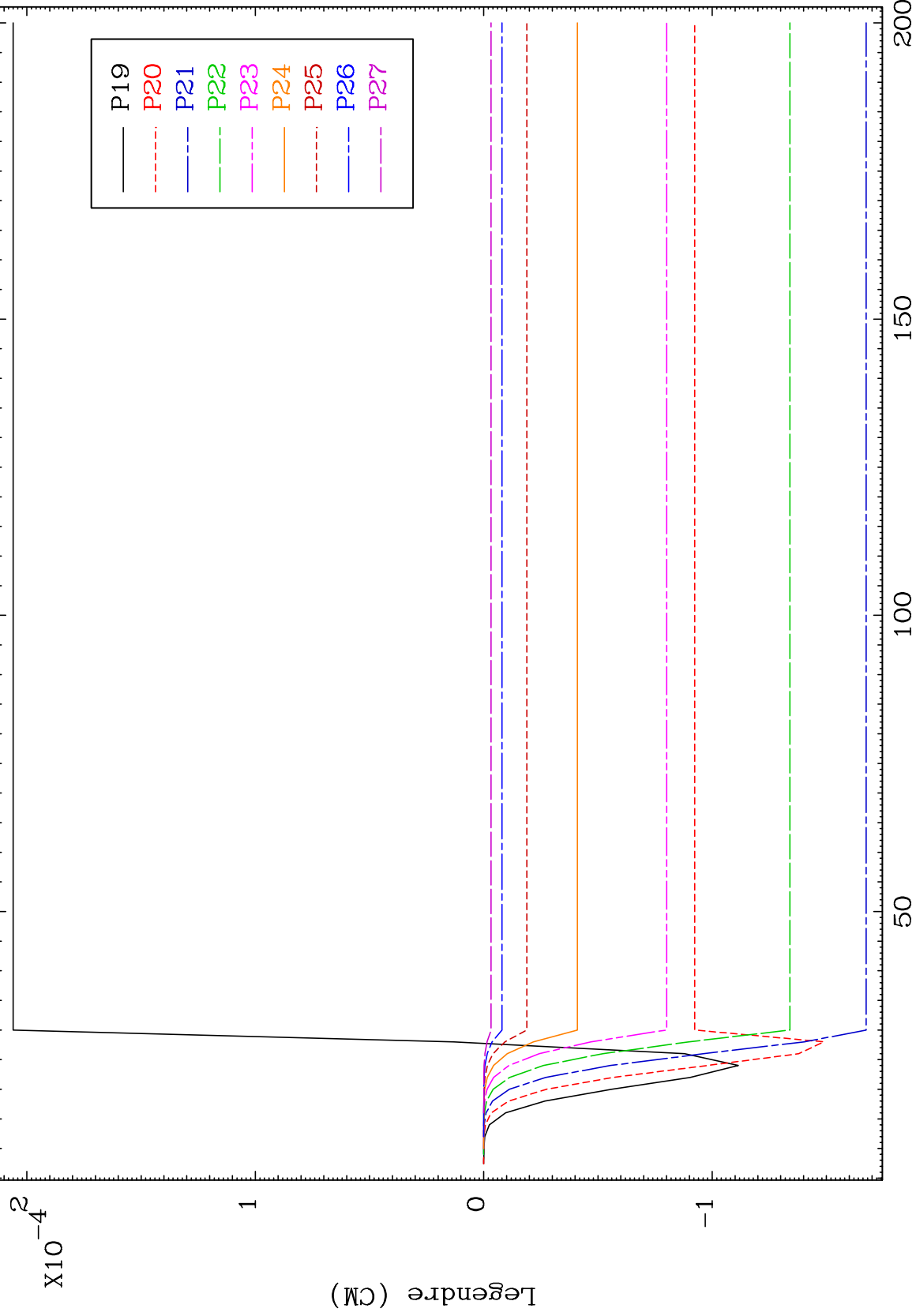
Incident Energy (MeV)

59-Pr-137

MAT 5913

1.746 MeV (n,n') Level
Legendre Coefficients

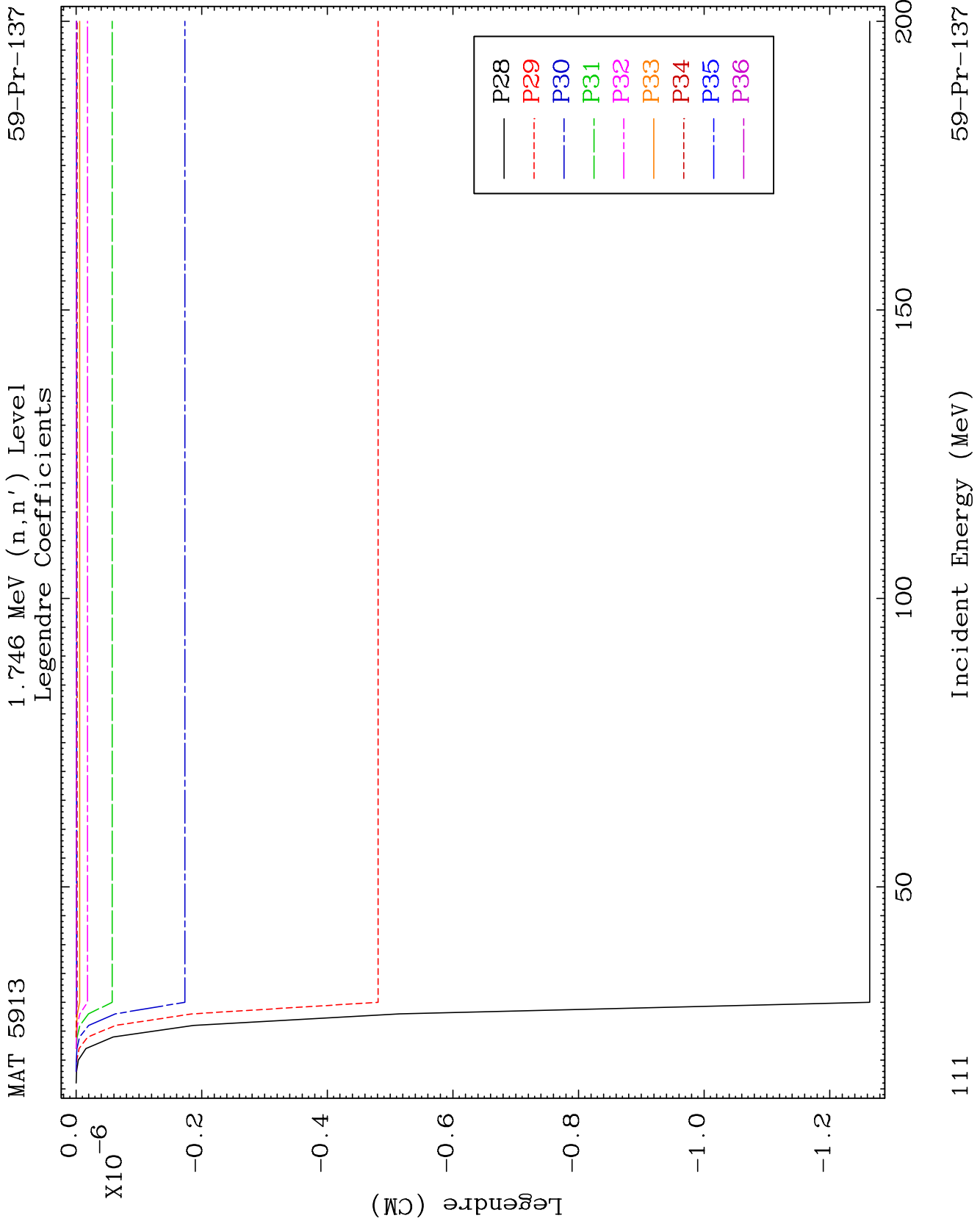
59-Pr-137

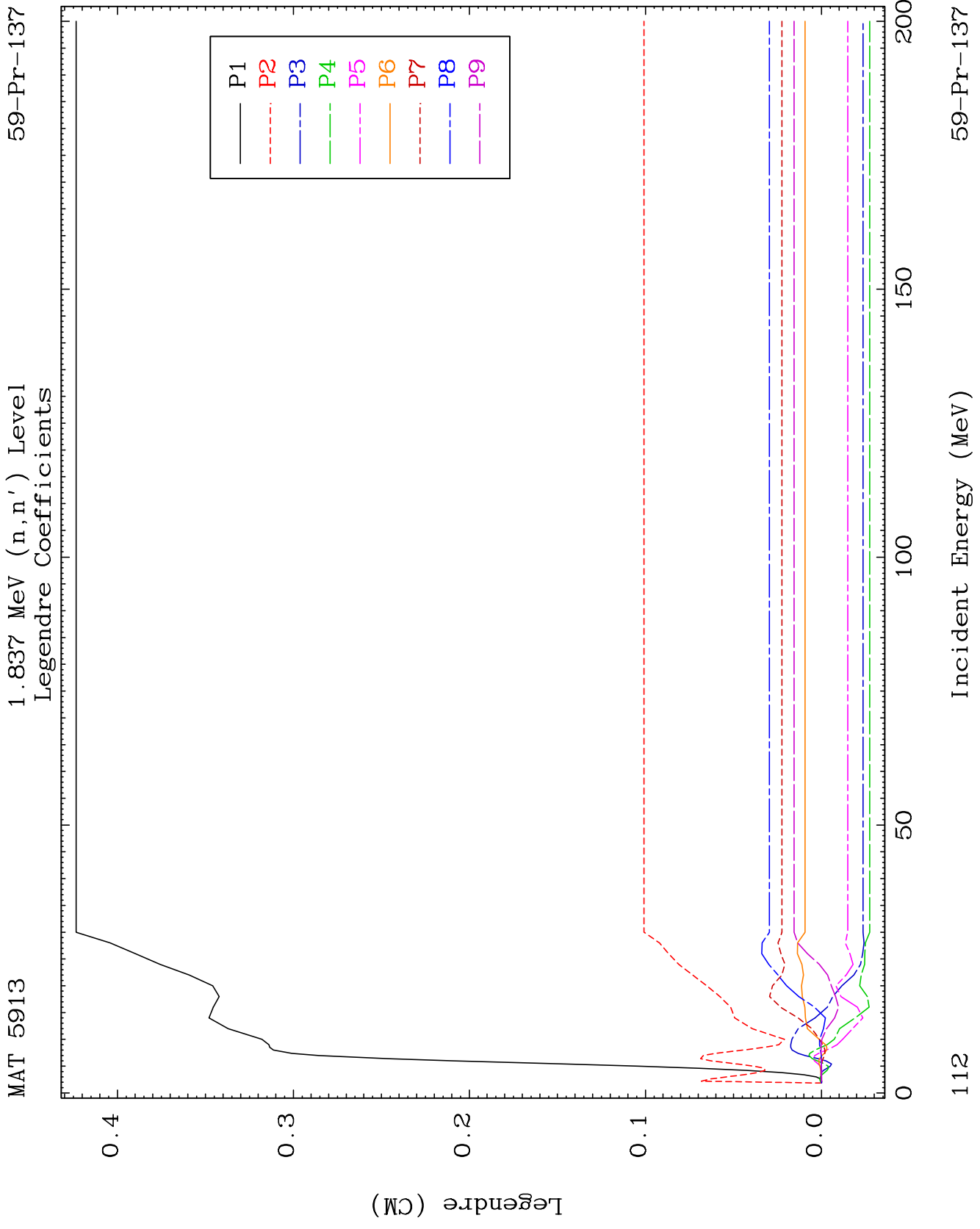


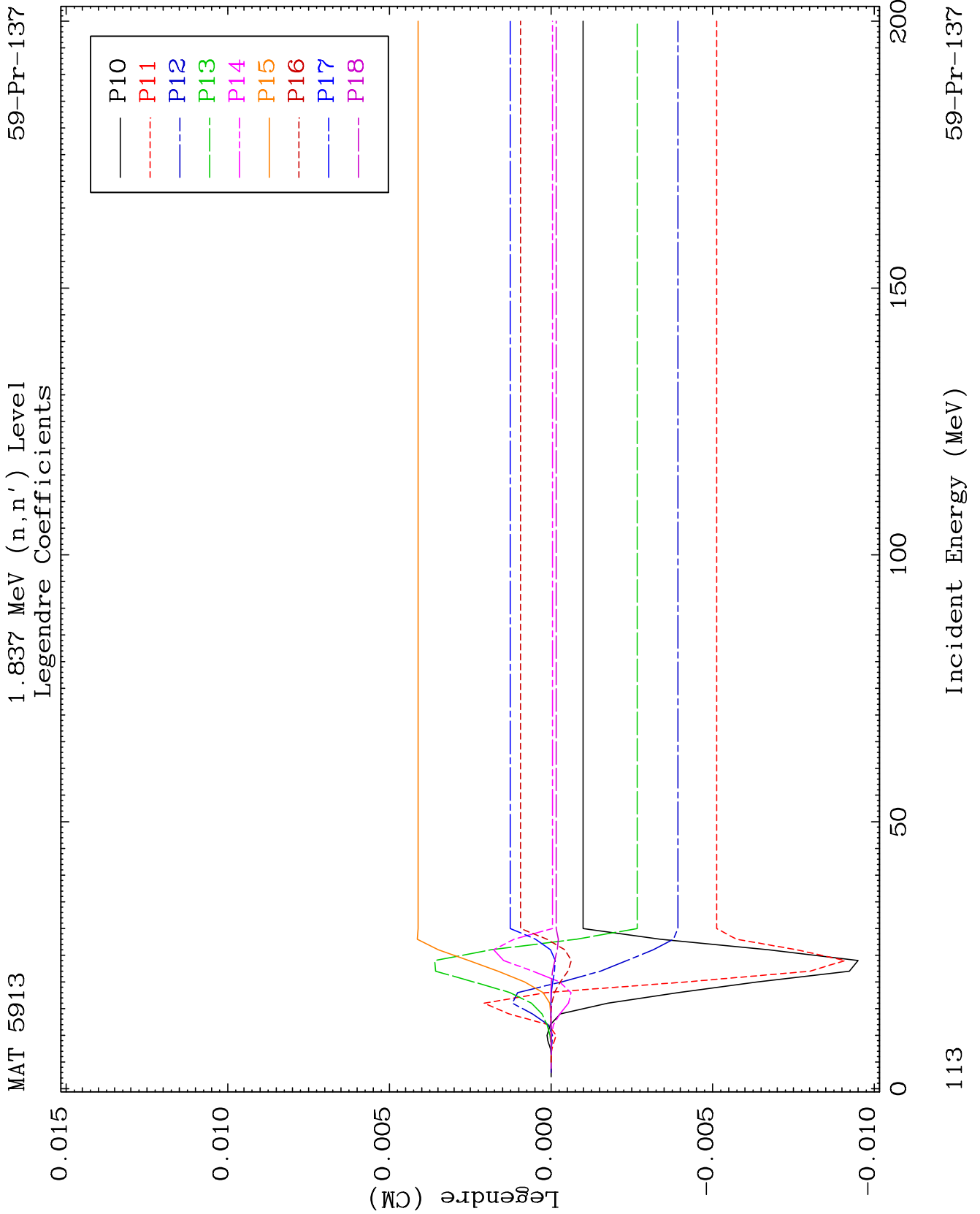
110

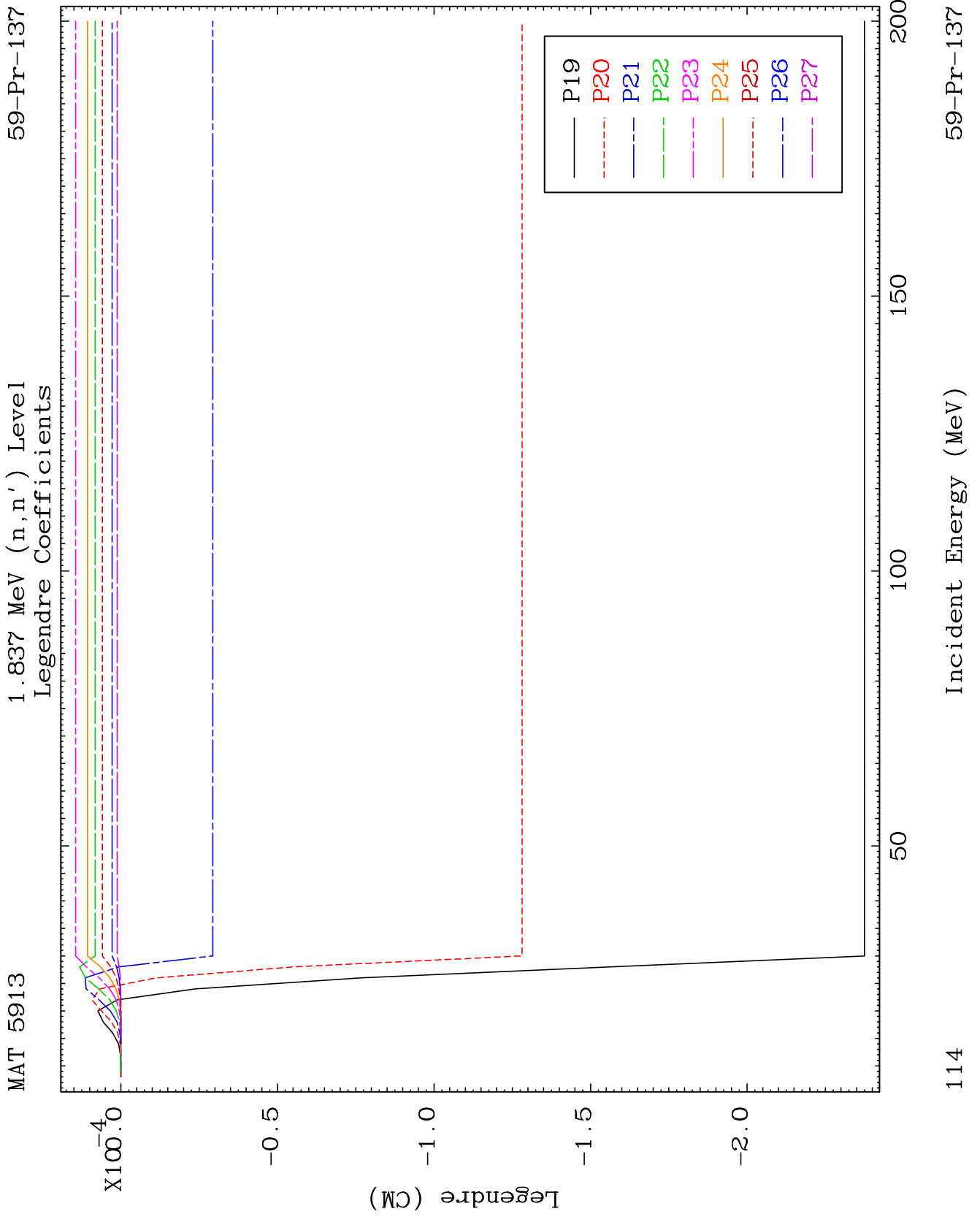
Incident Energy (MeV)

59-Pr-137





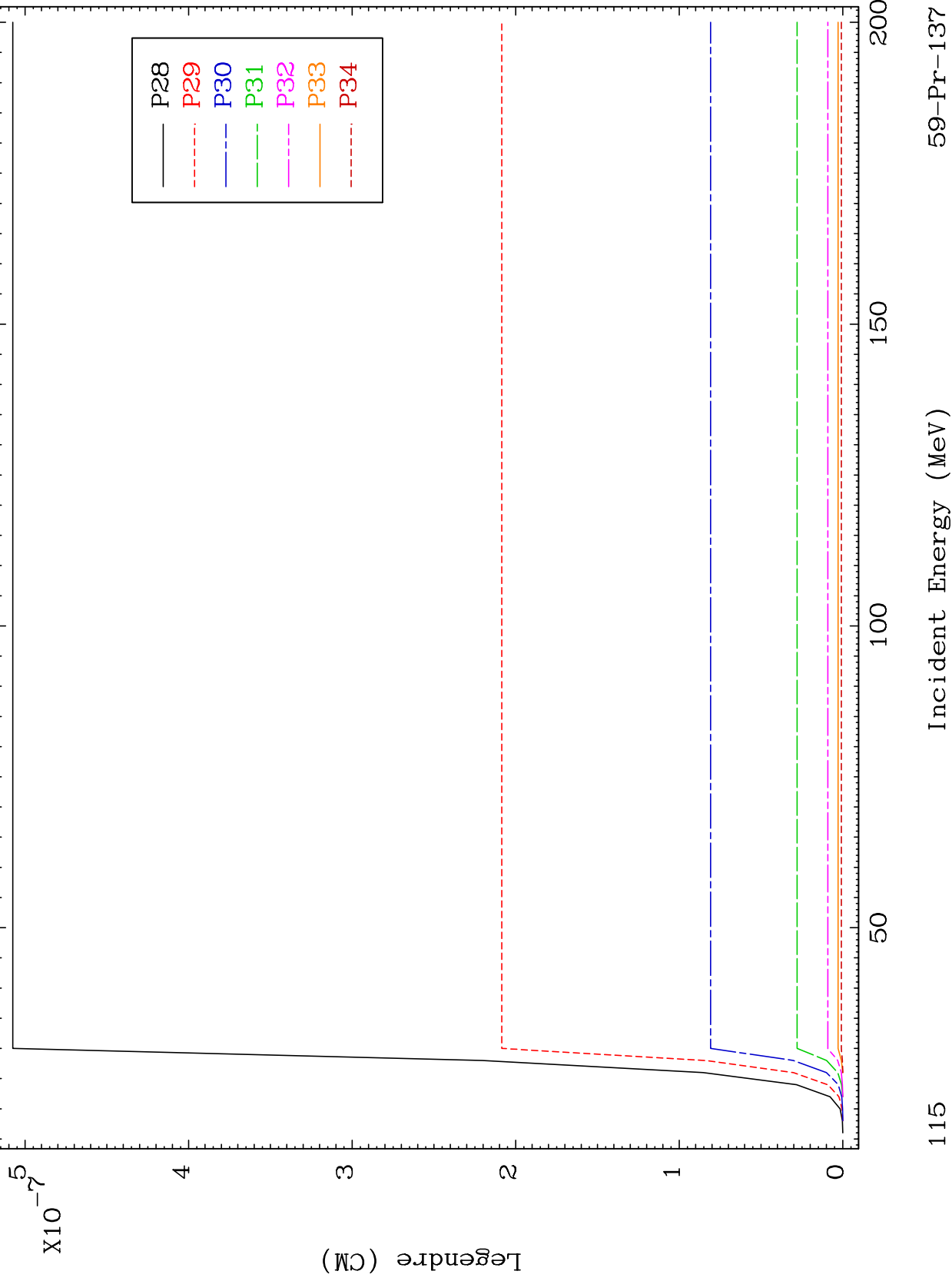




MAT 5913

1.837 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

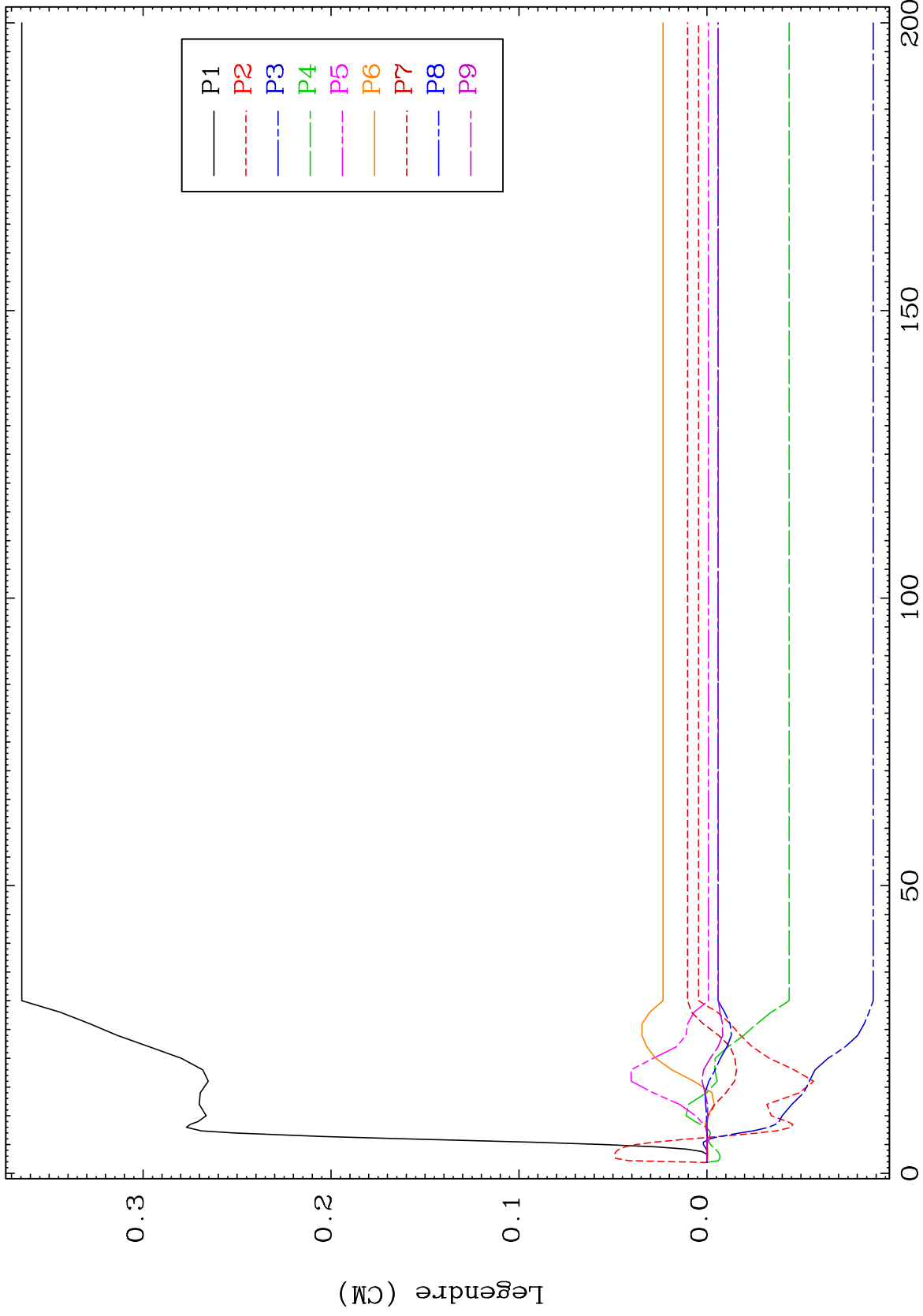
Incident Energy (MeV)

115

MAT 5913

1.871 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



116

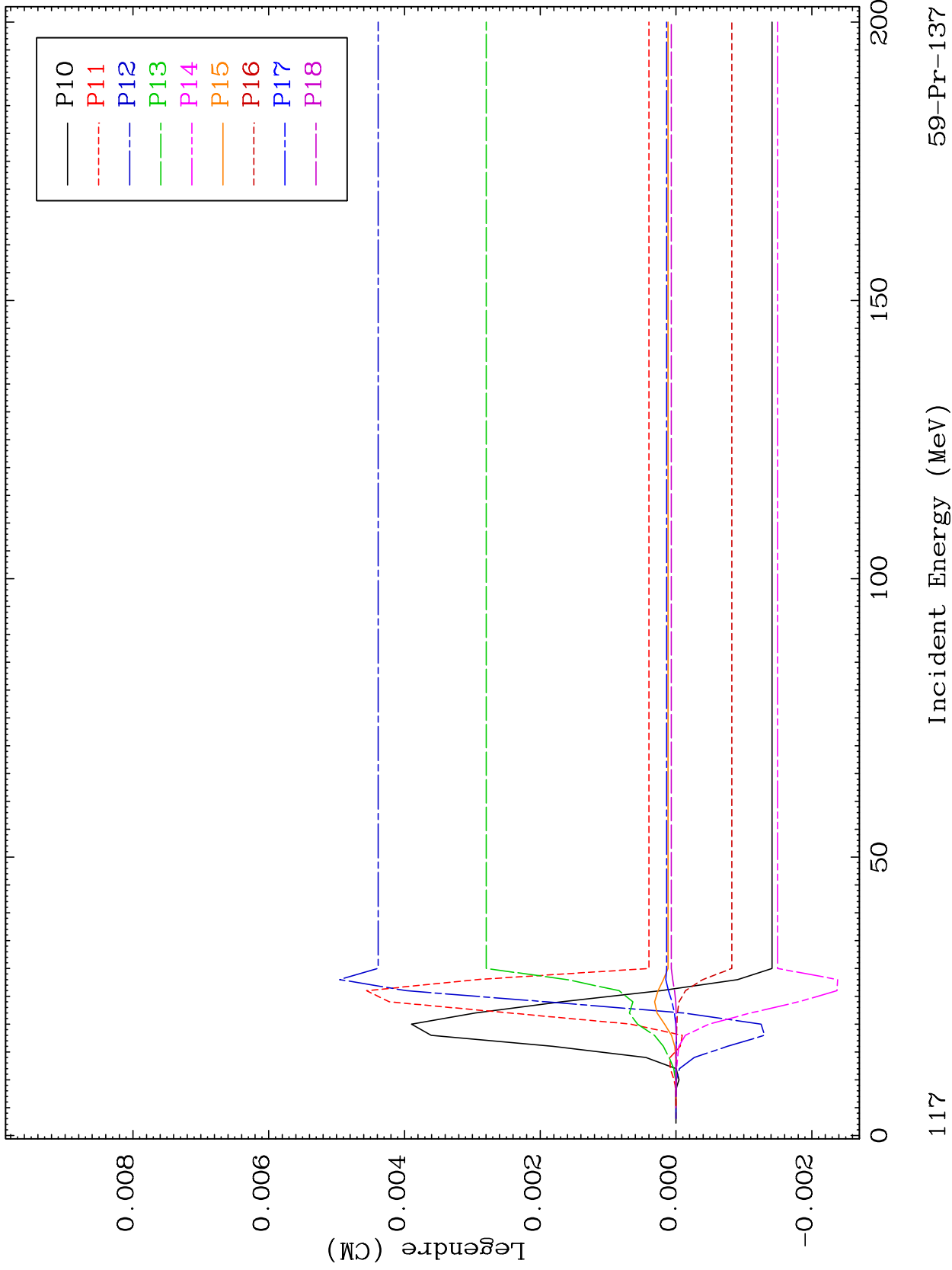
Incident Energy (MeV)

59-Pr-137

MAT 5913

1.871 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



59-Pr-137

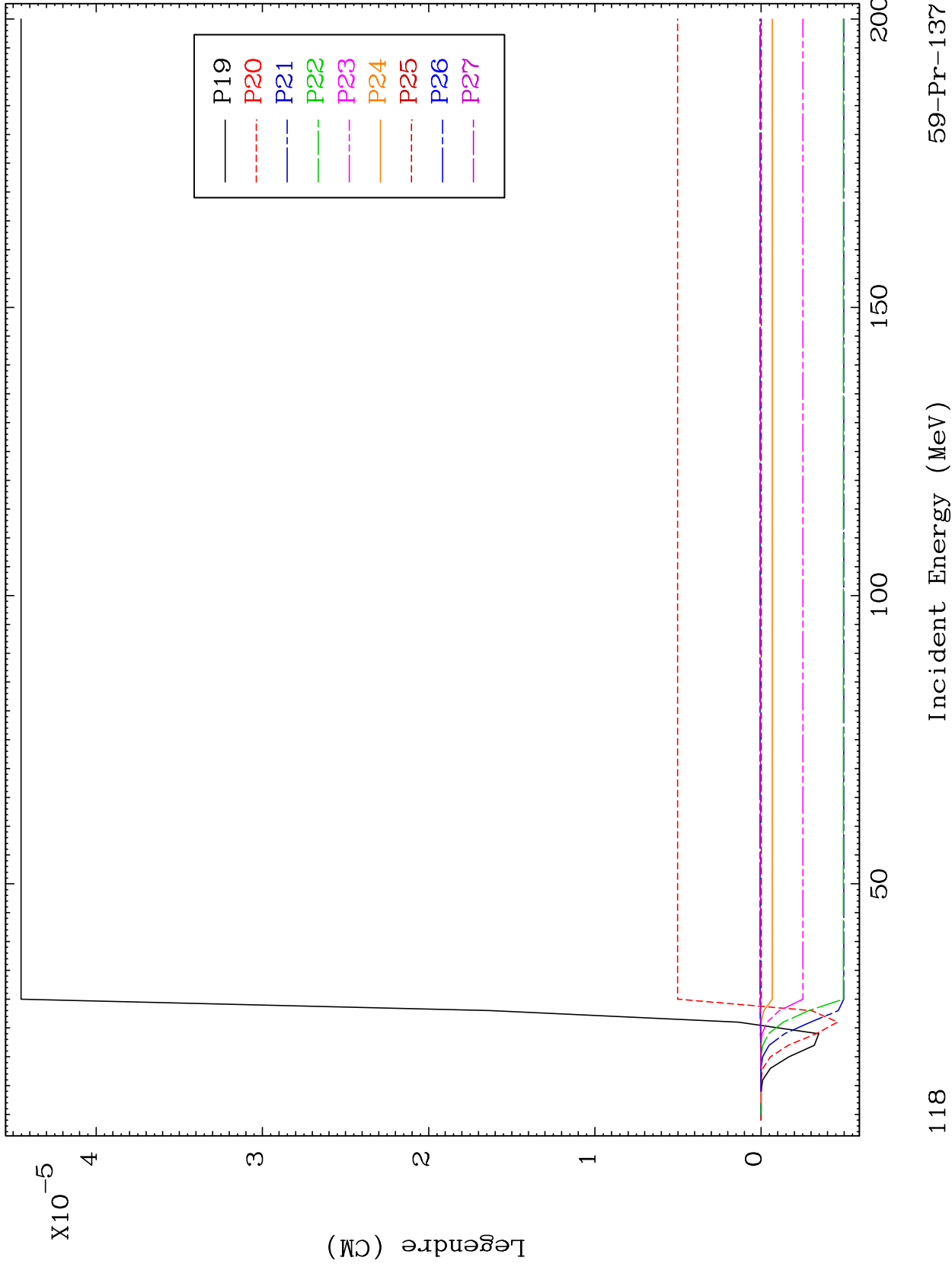
Incident Energy (MeV)

117

MAT 5913

1.871 MeV (n,n') Level
Legendre Coefficients

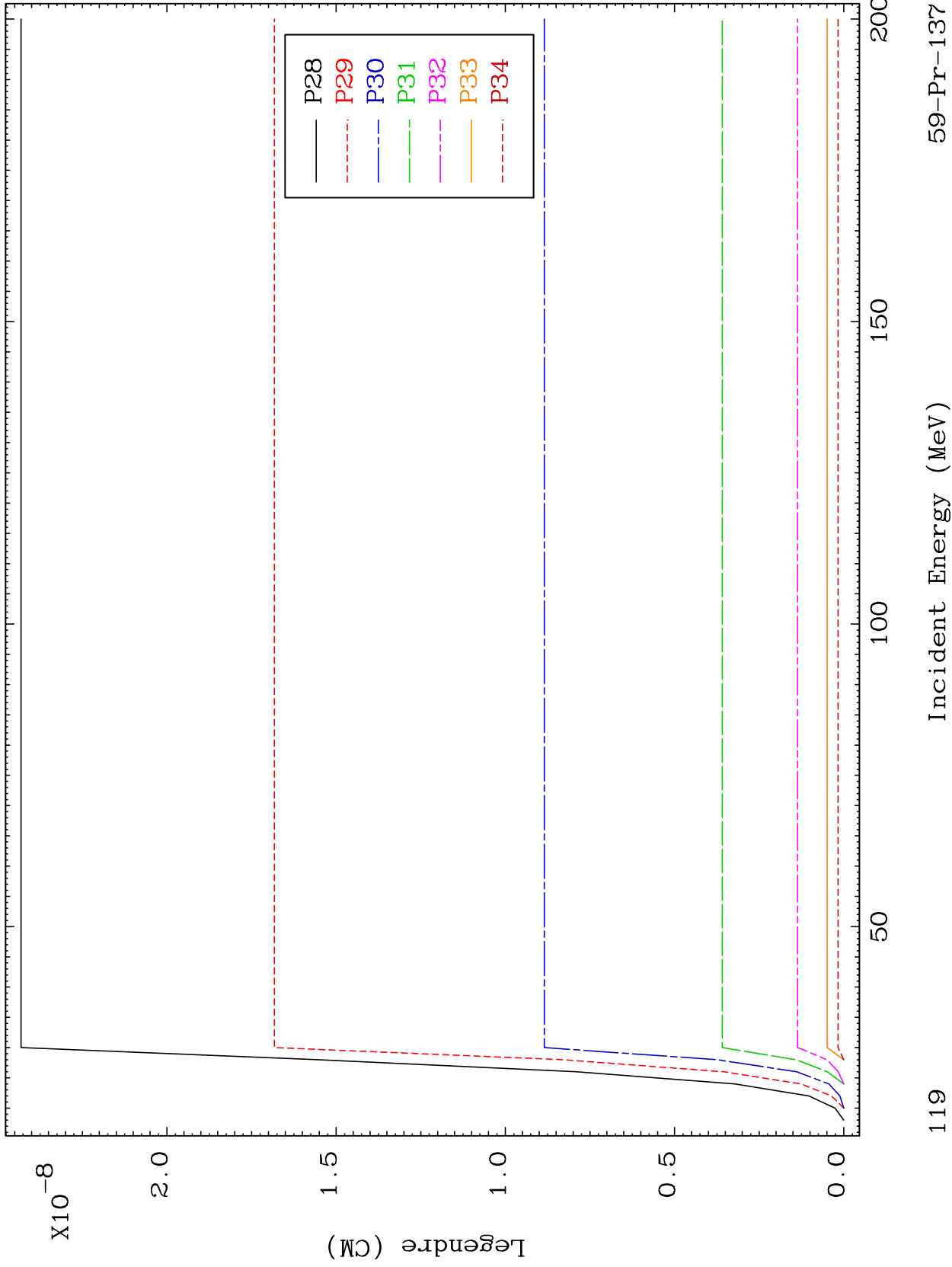
59-Pr-137



MAT 5913

1.871 MeV (n,n') Level
Legendre Coefficients

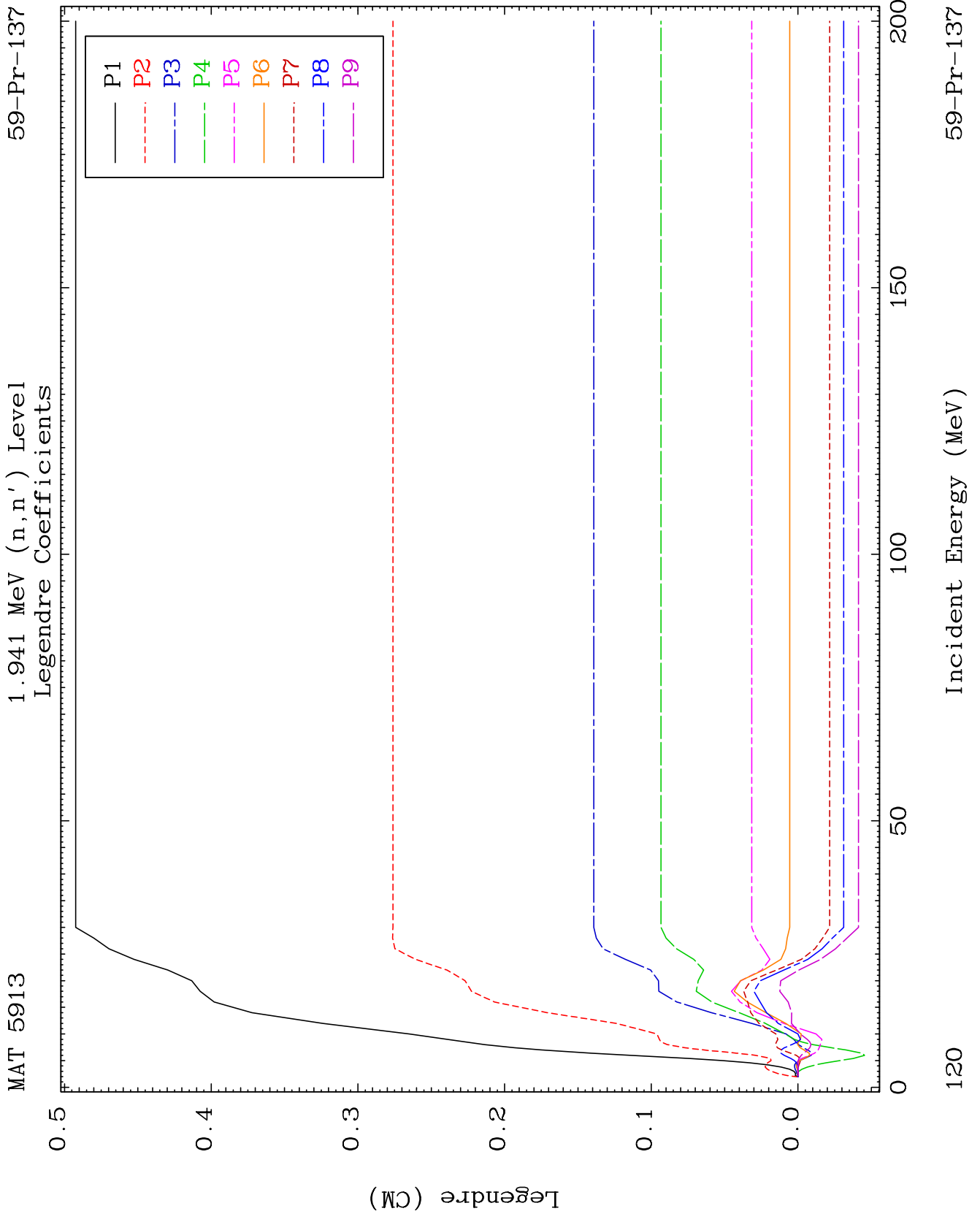
59-Pr-137

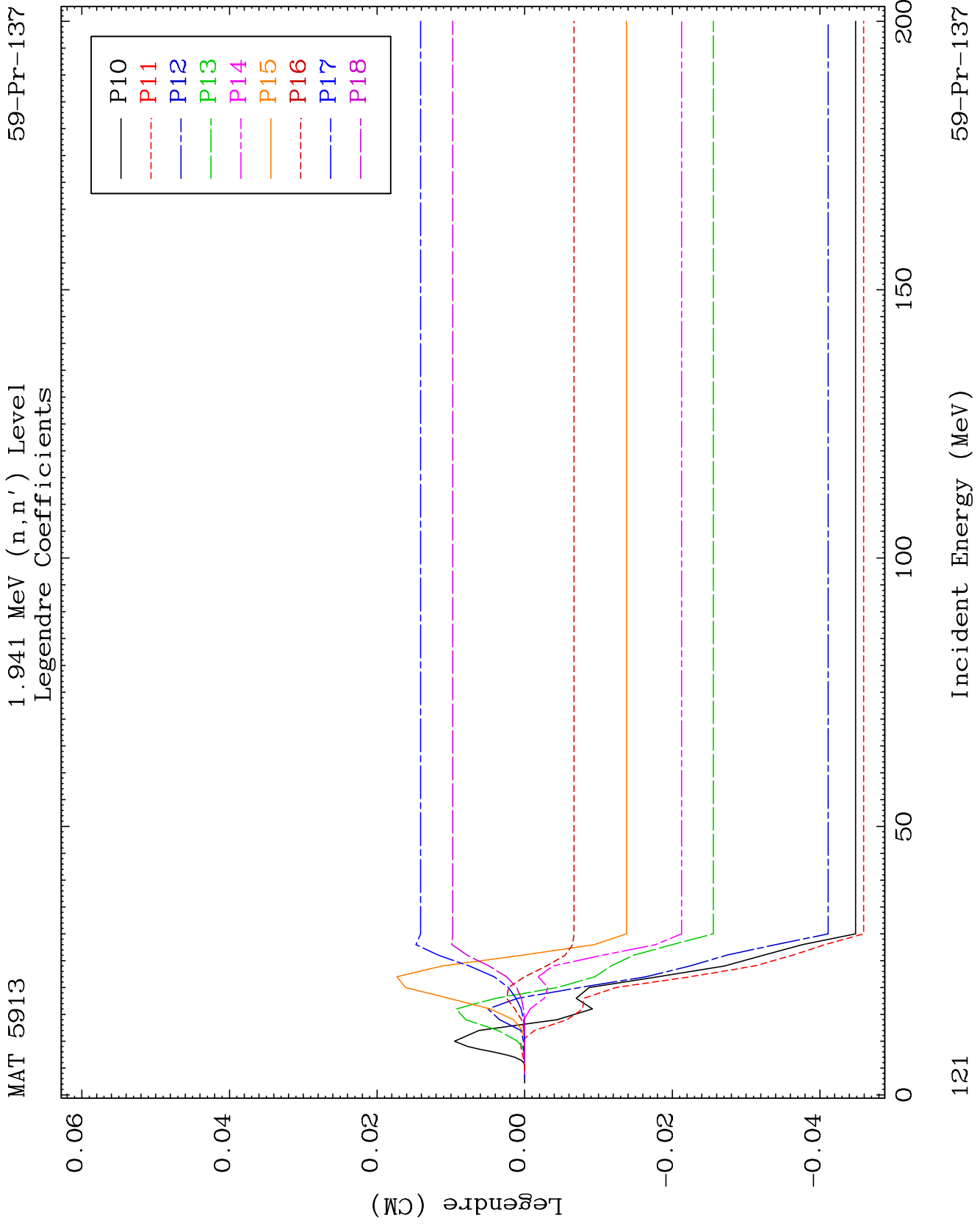


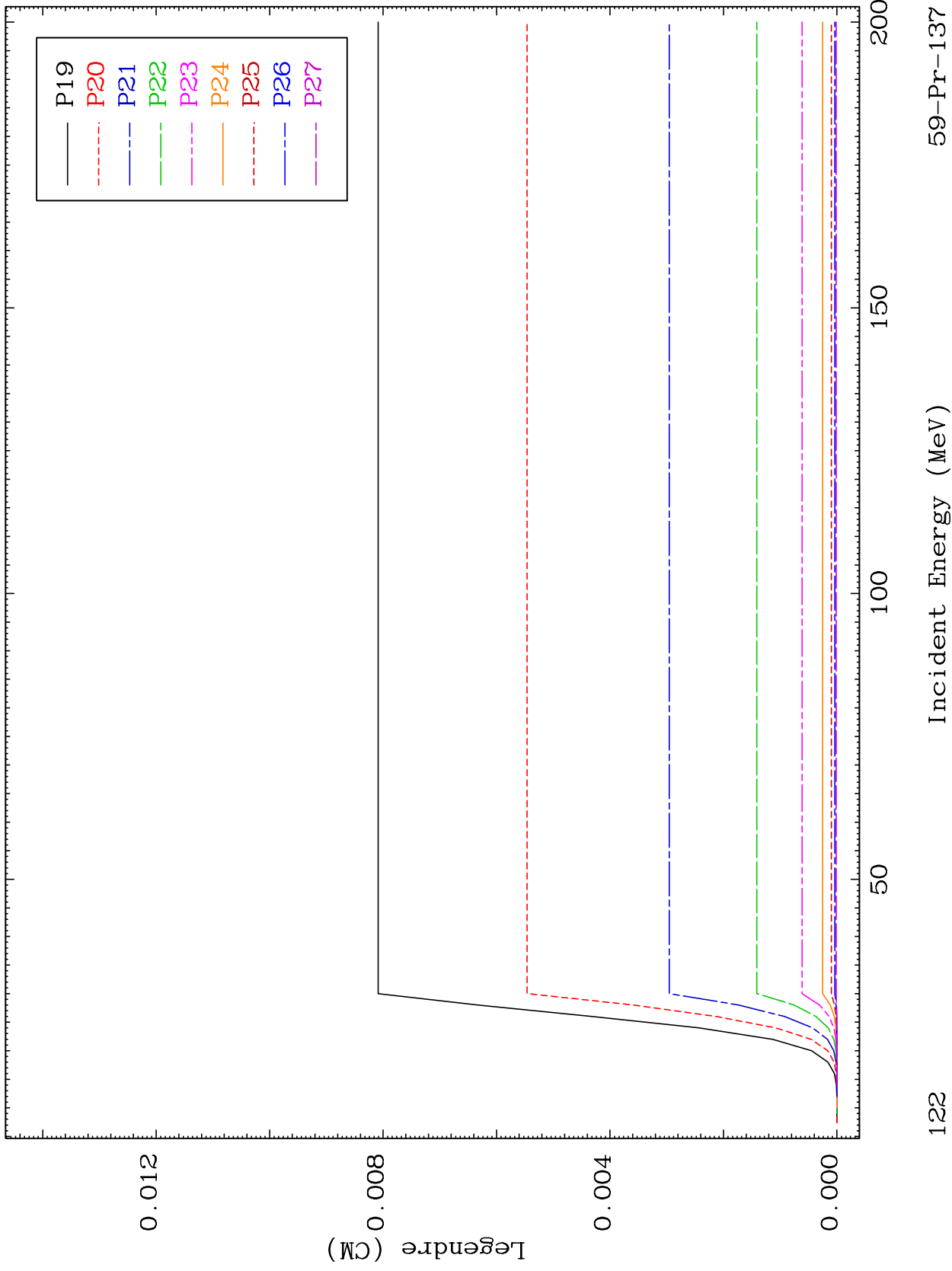
119

Incident Energy (MeV)

59-Pr-137



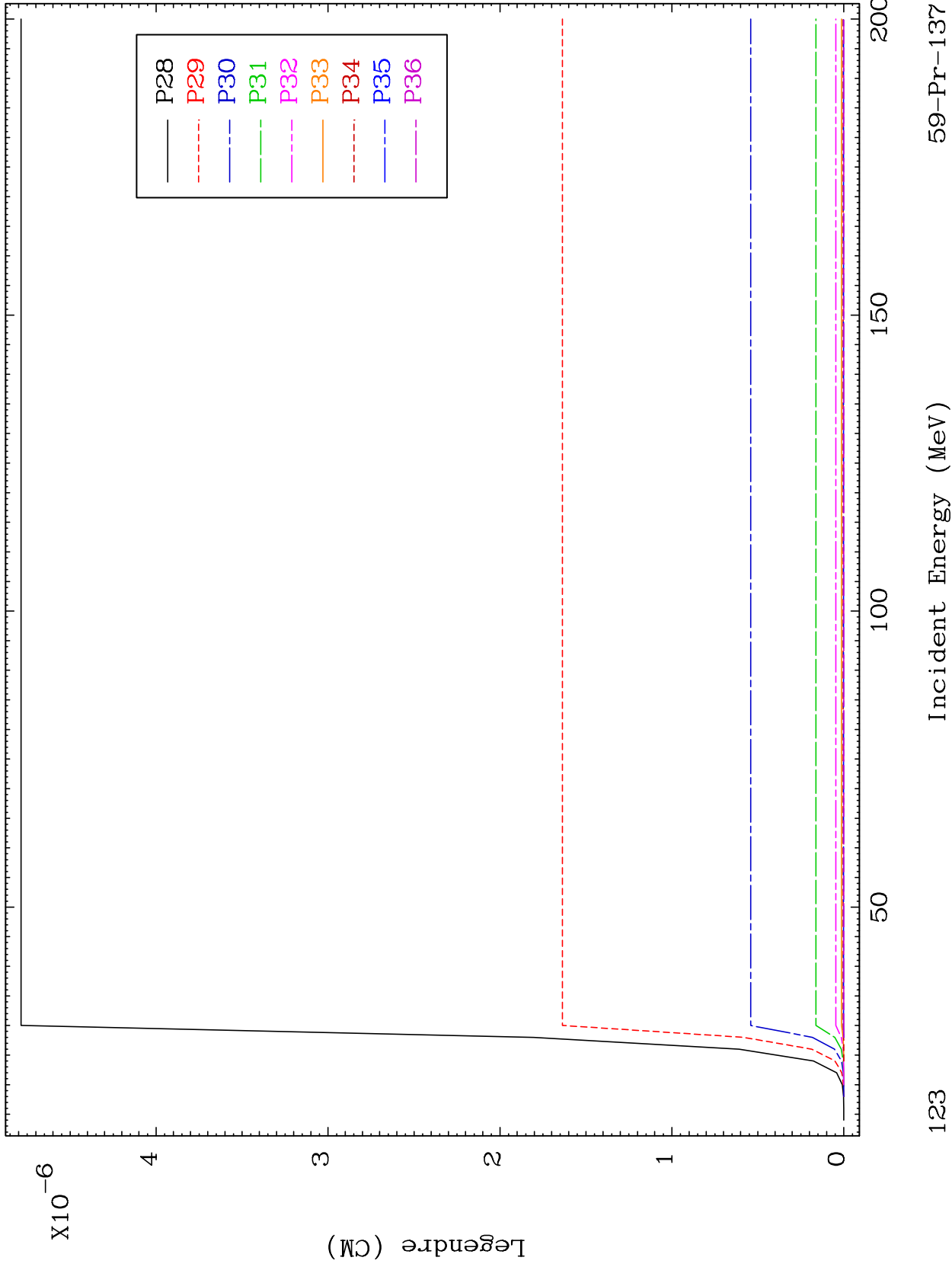


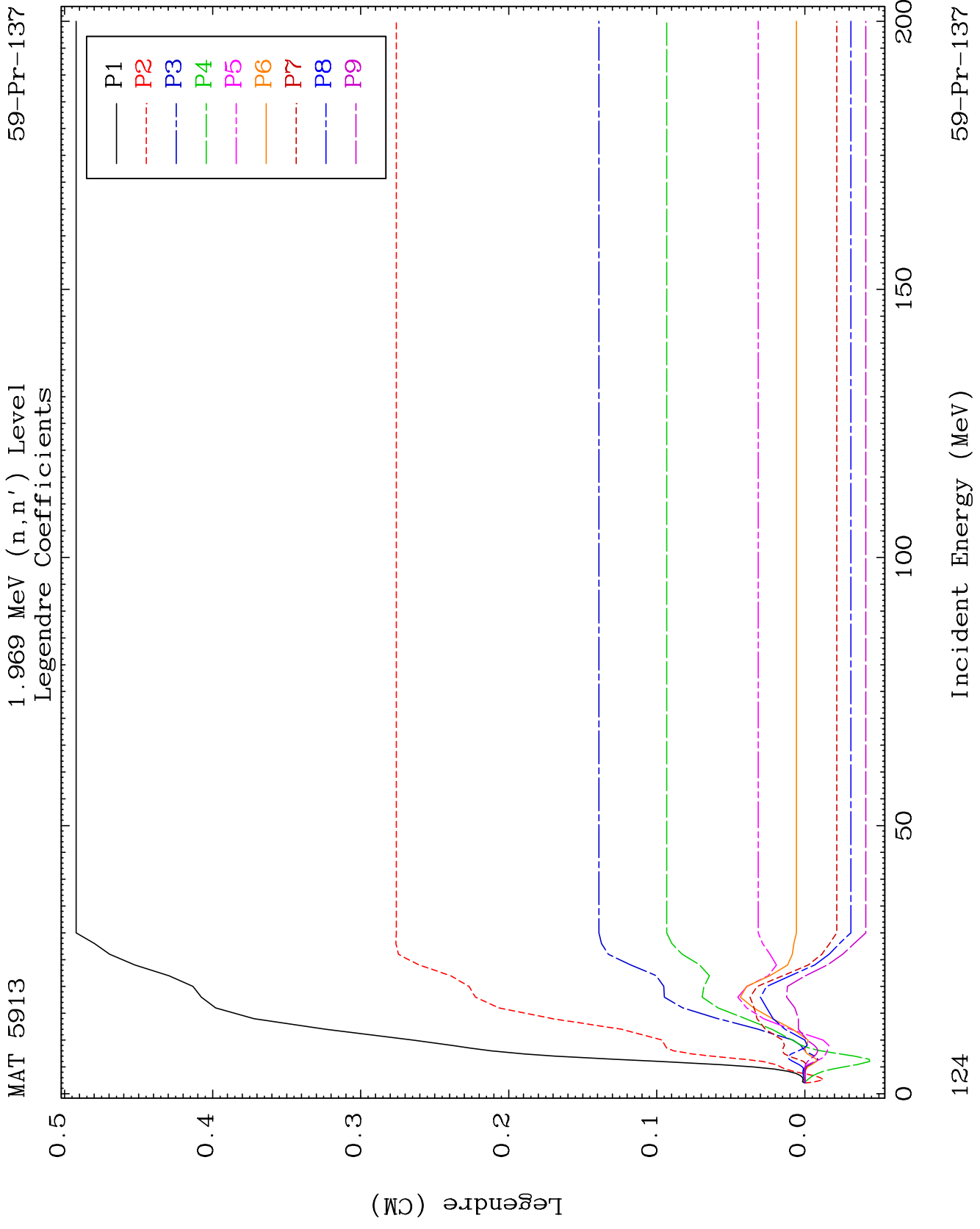


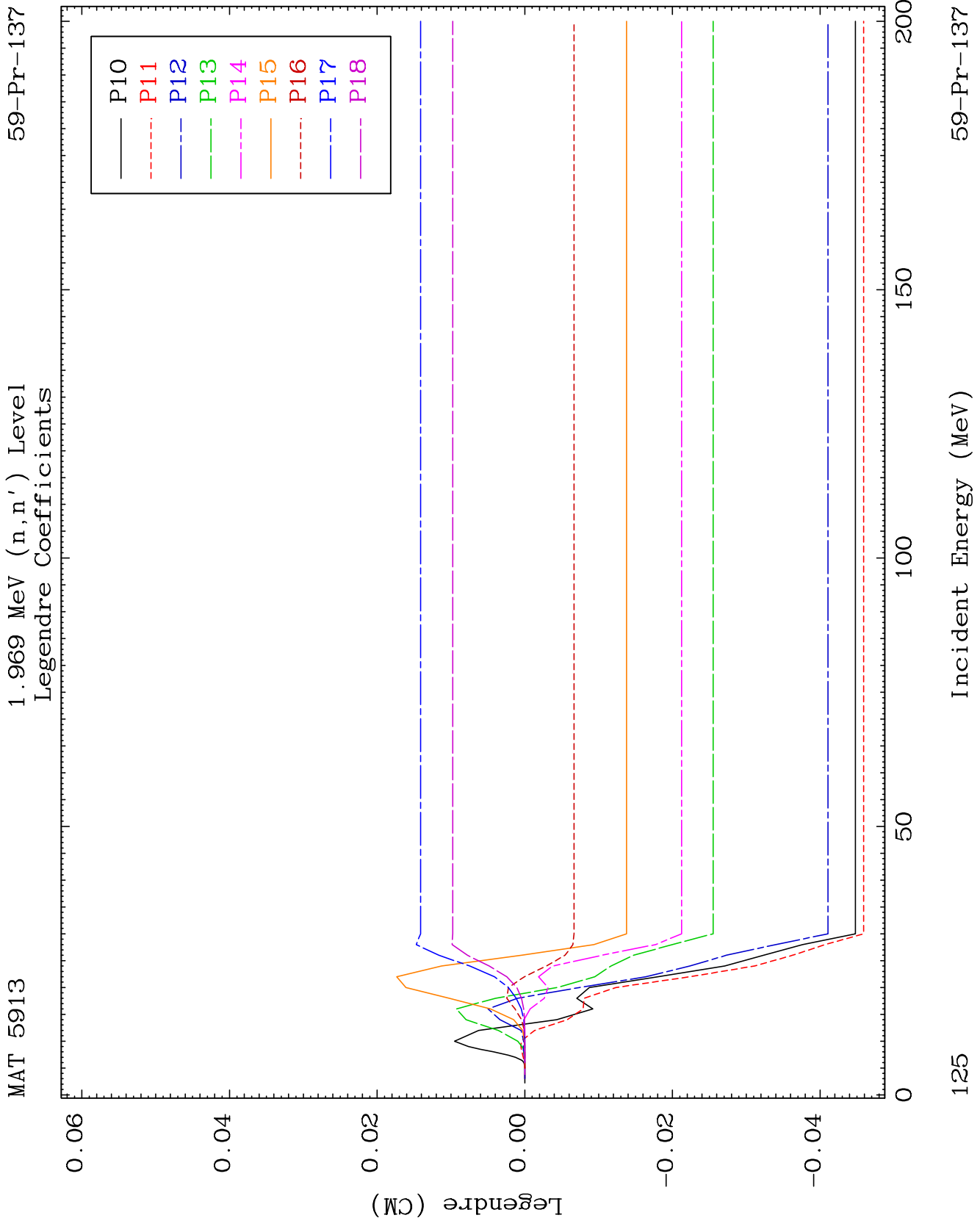
MAT 5913

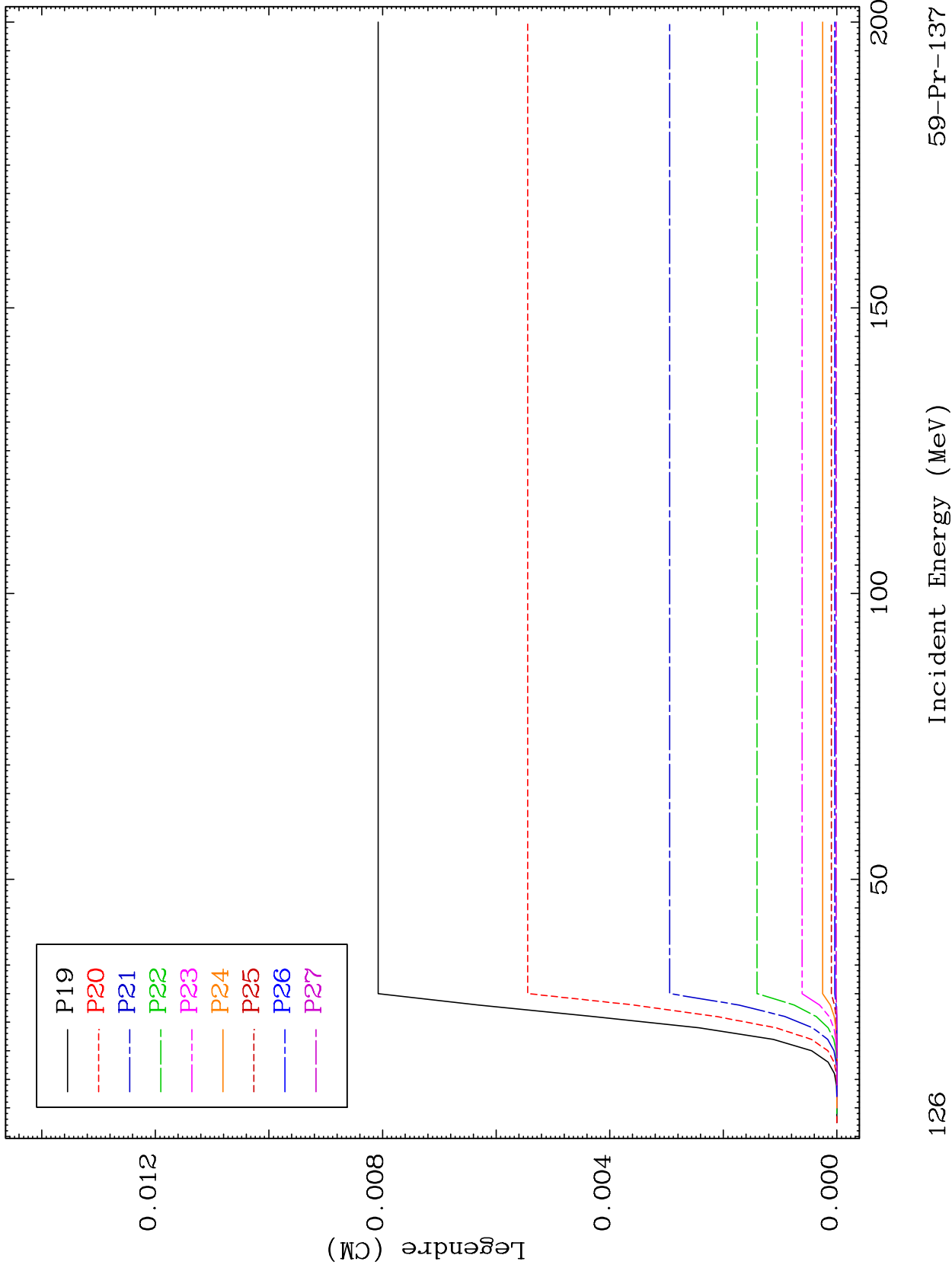
1.941 MeV (n, n') Level
Legendre Coefficients

59-Pr-137





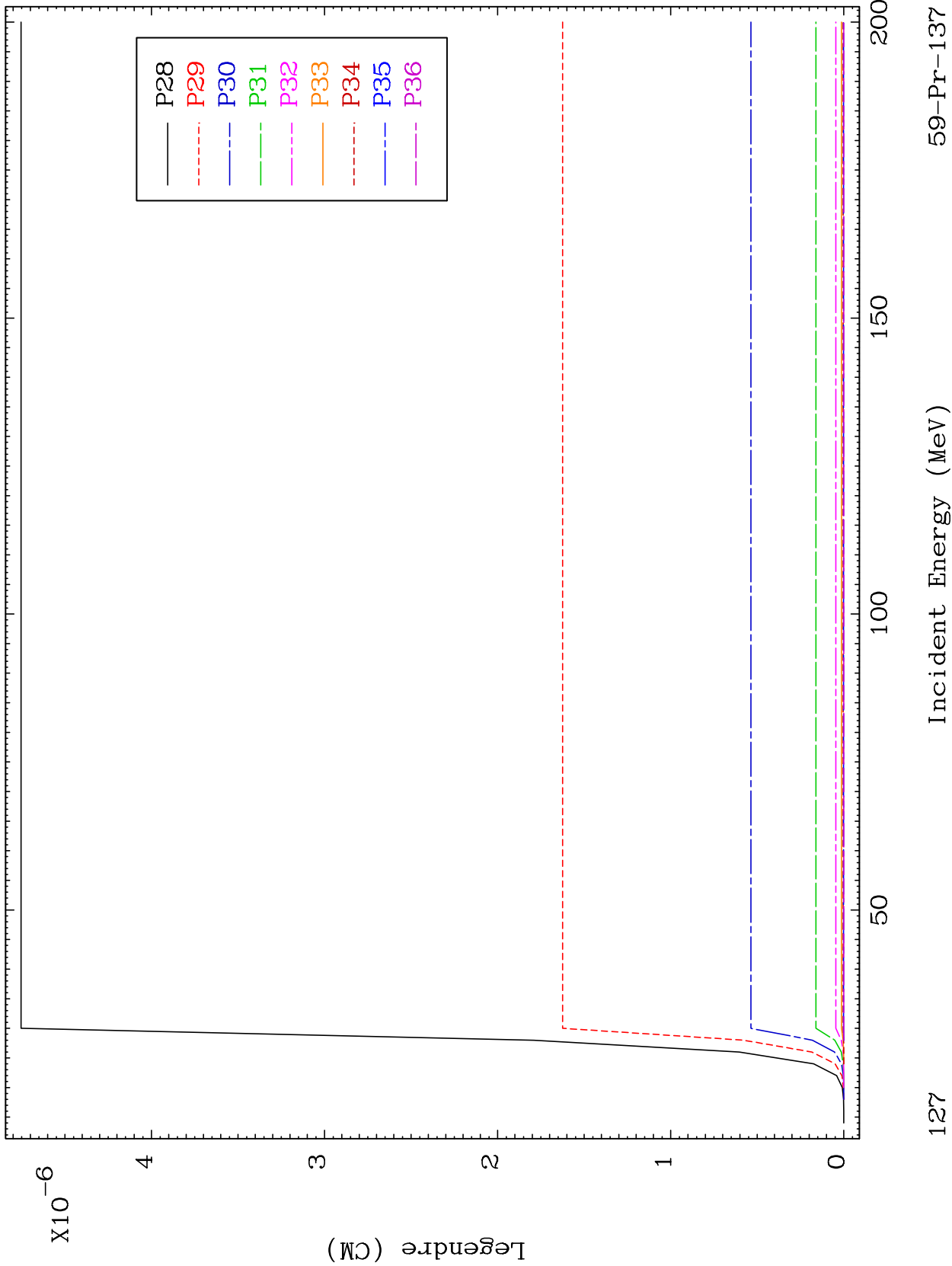


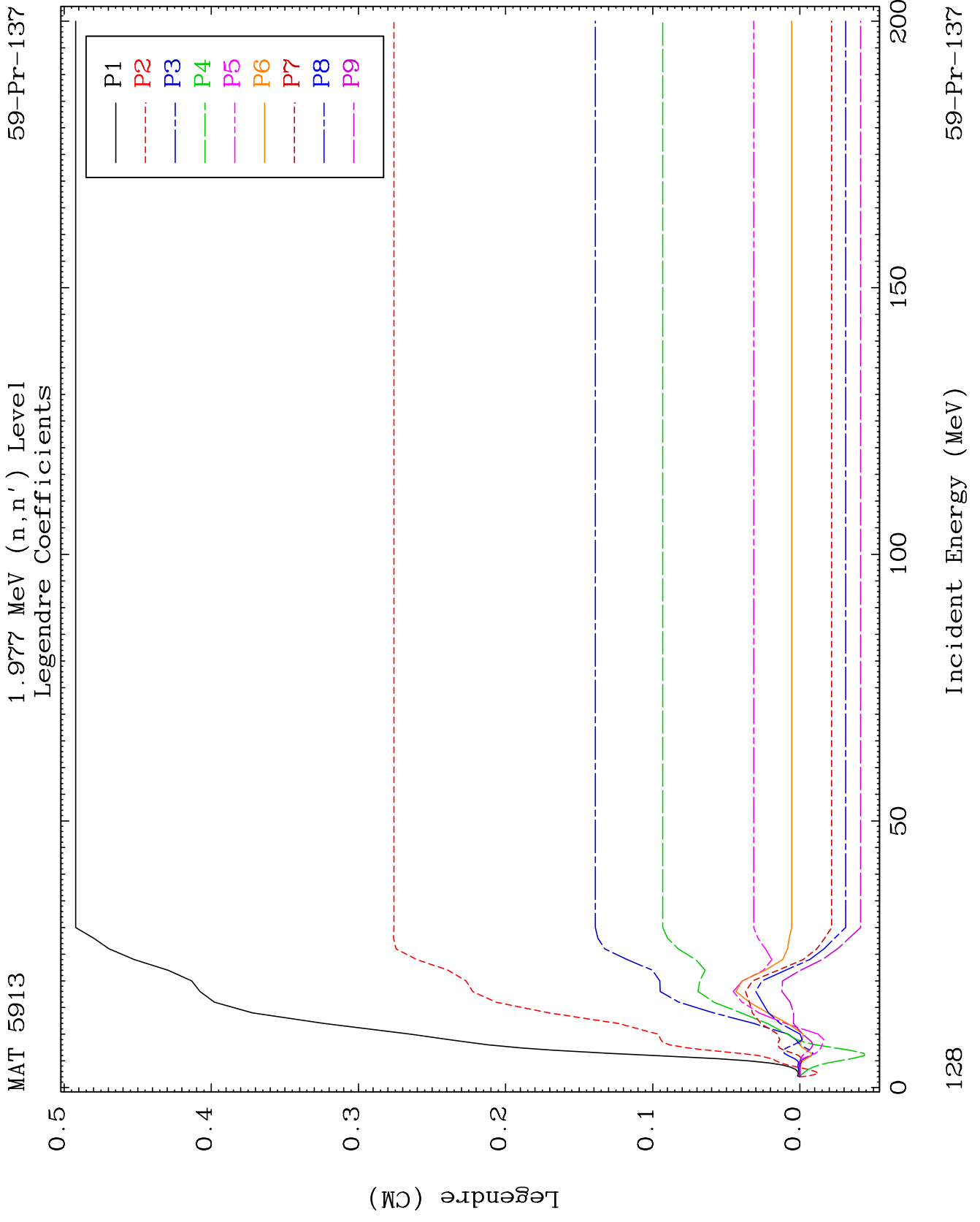


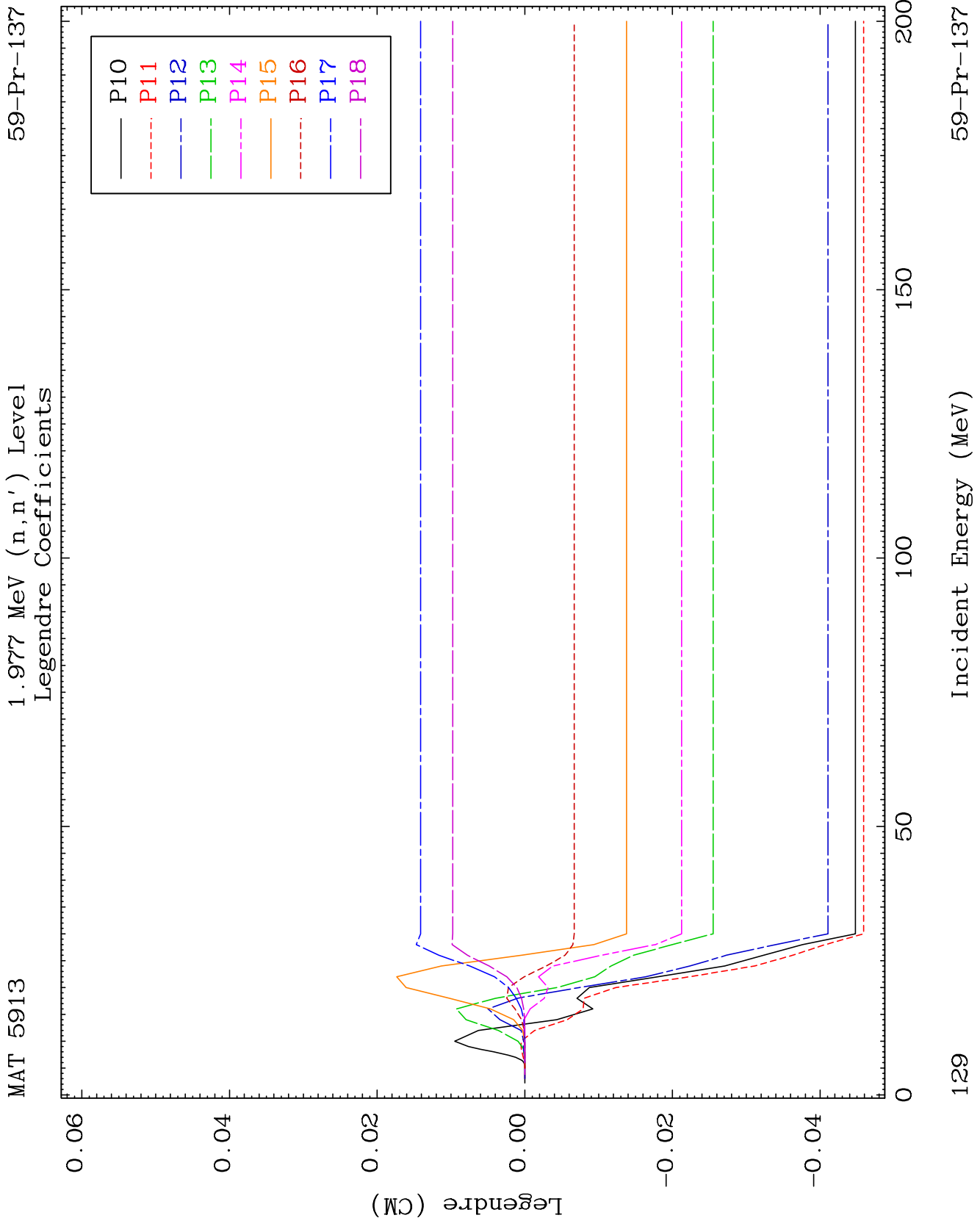
MAT 5913

1.969 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



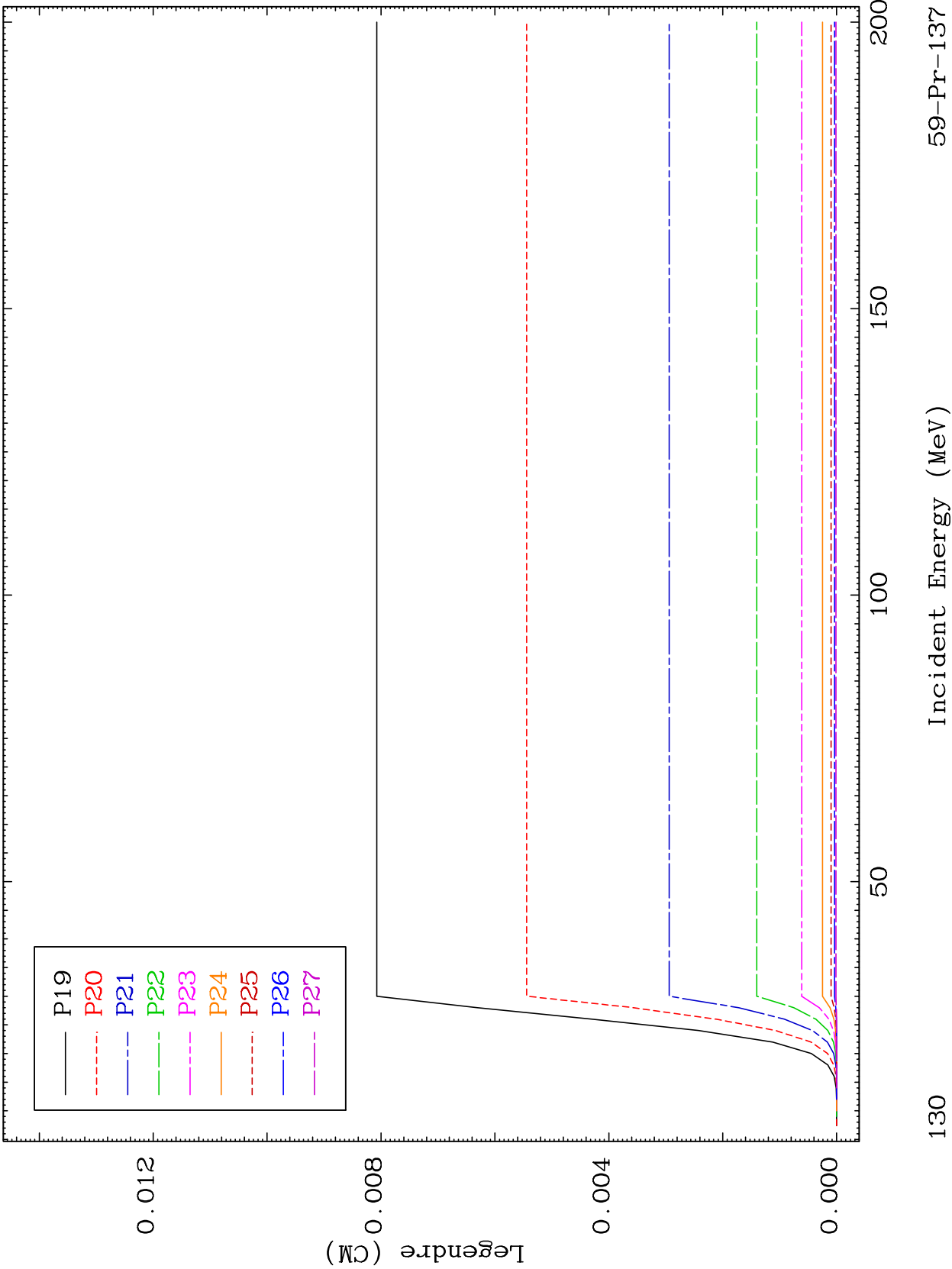




MAT 5913

1.977 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



130

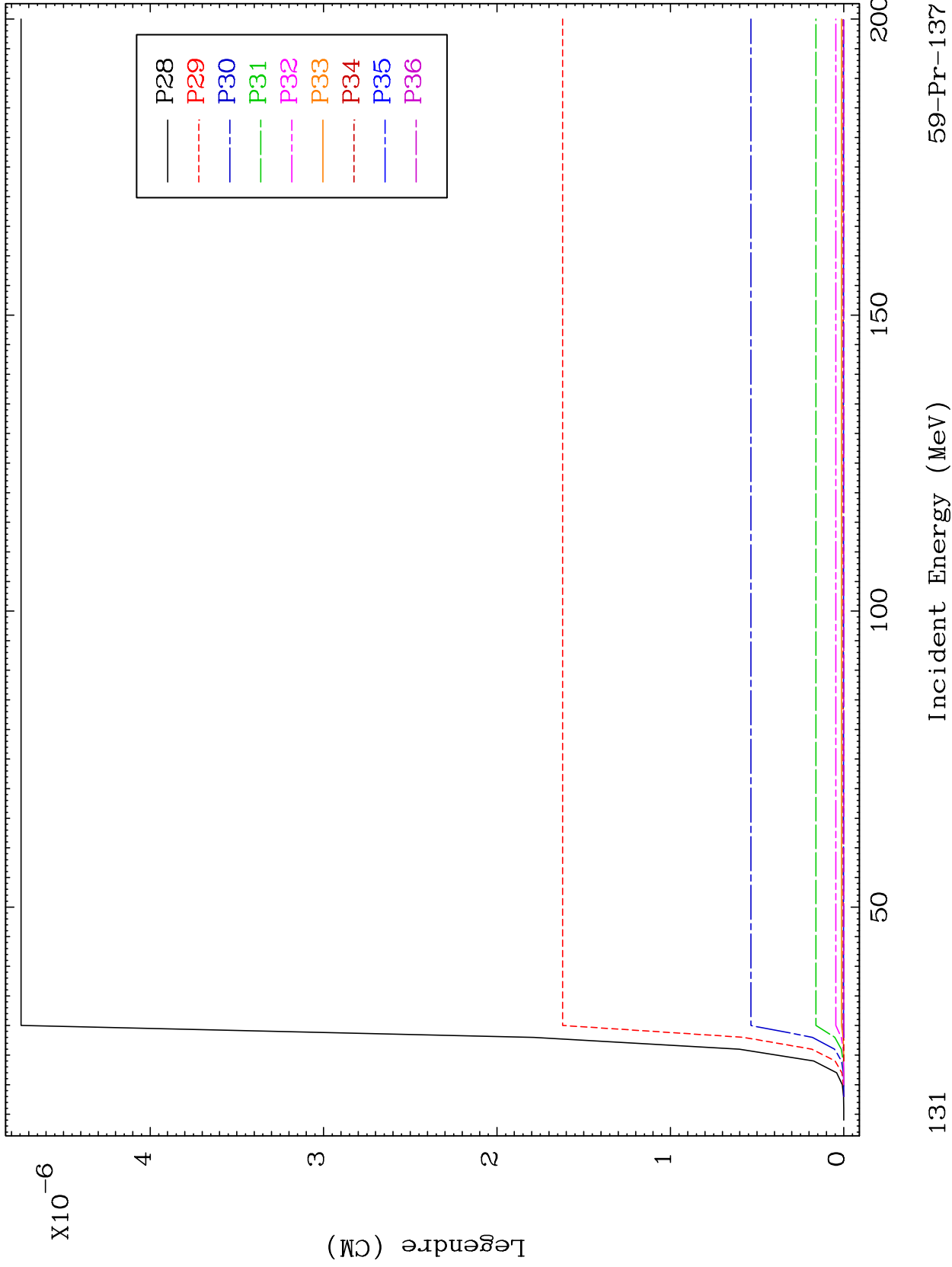
Incident Energy (MeV)

59-Pr-137

MAT 5913

1.977 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



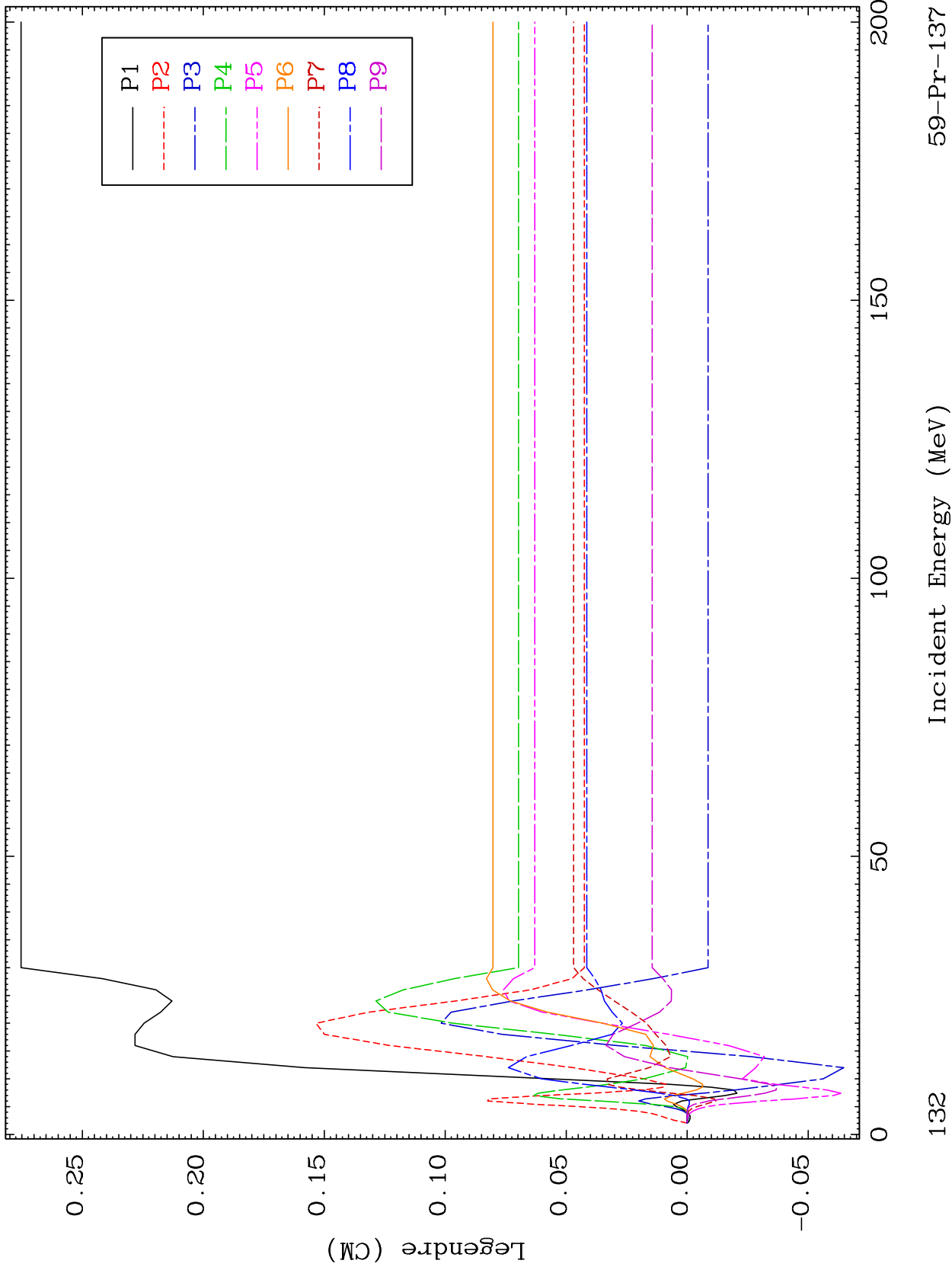
131

59-Pr-137

MAT 5913

2.009 MeV (n,n') Level
Legendre Coefficients

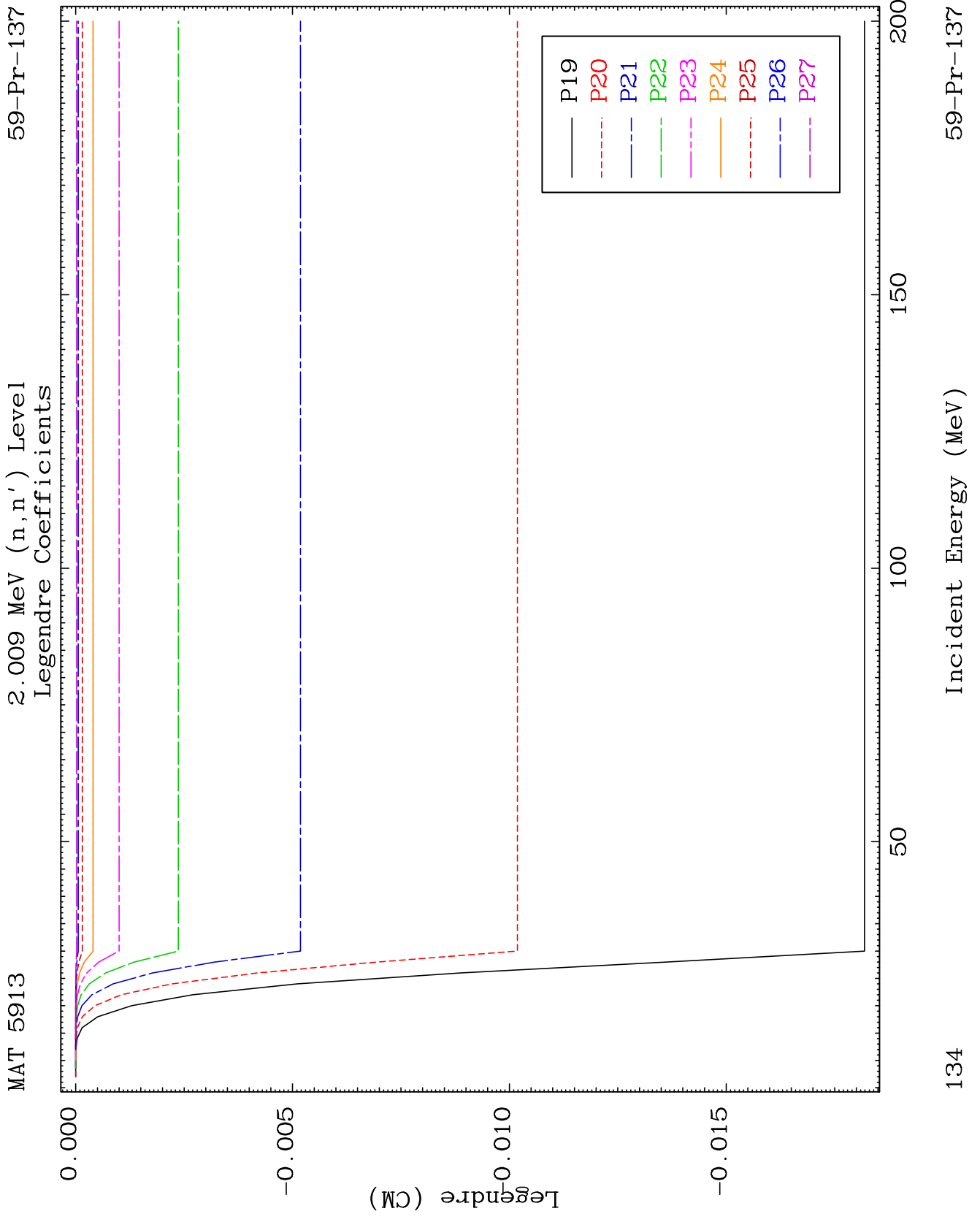
59-Pr-137

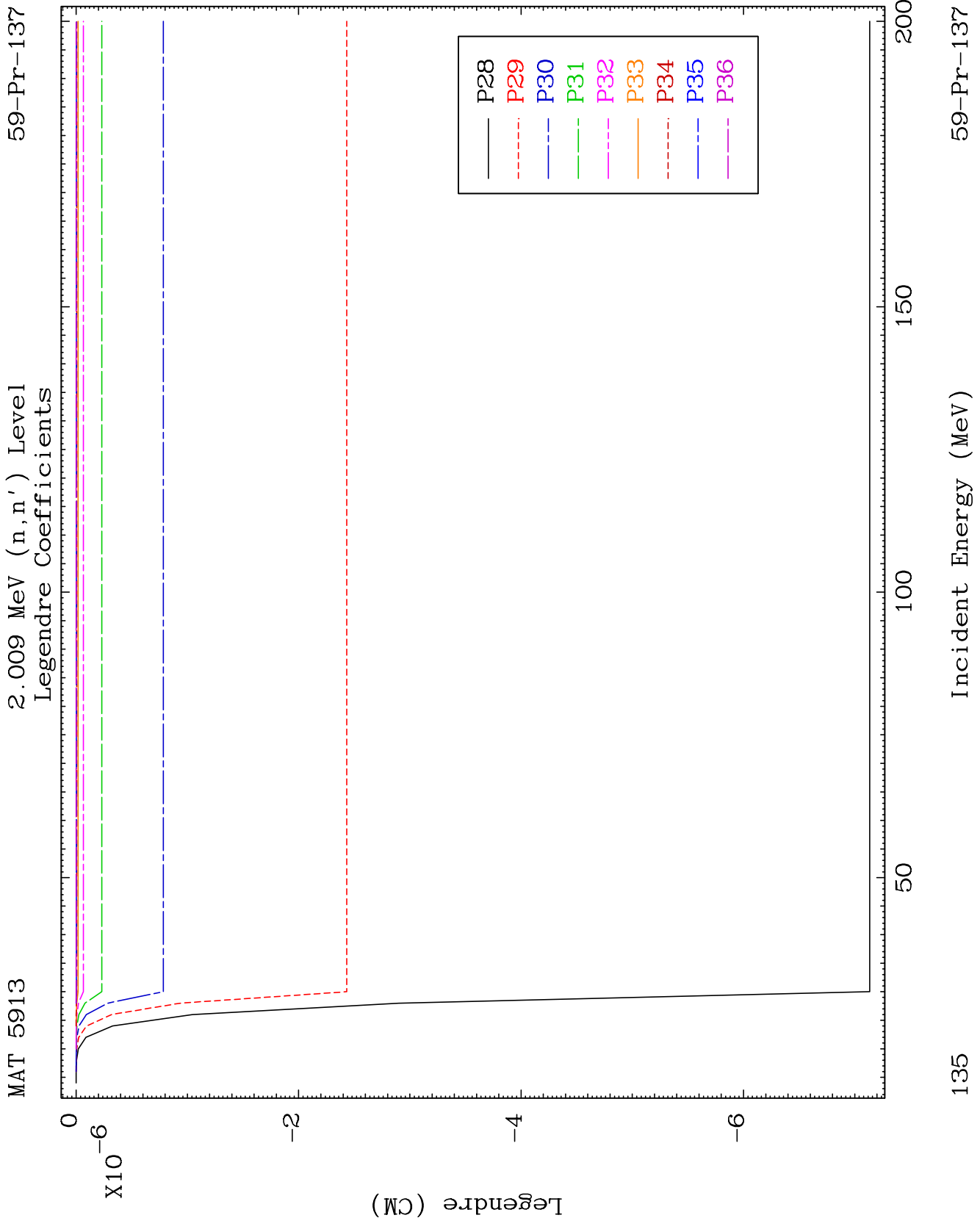


59-Pr-137

Incident Energy (MeV)

132

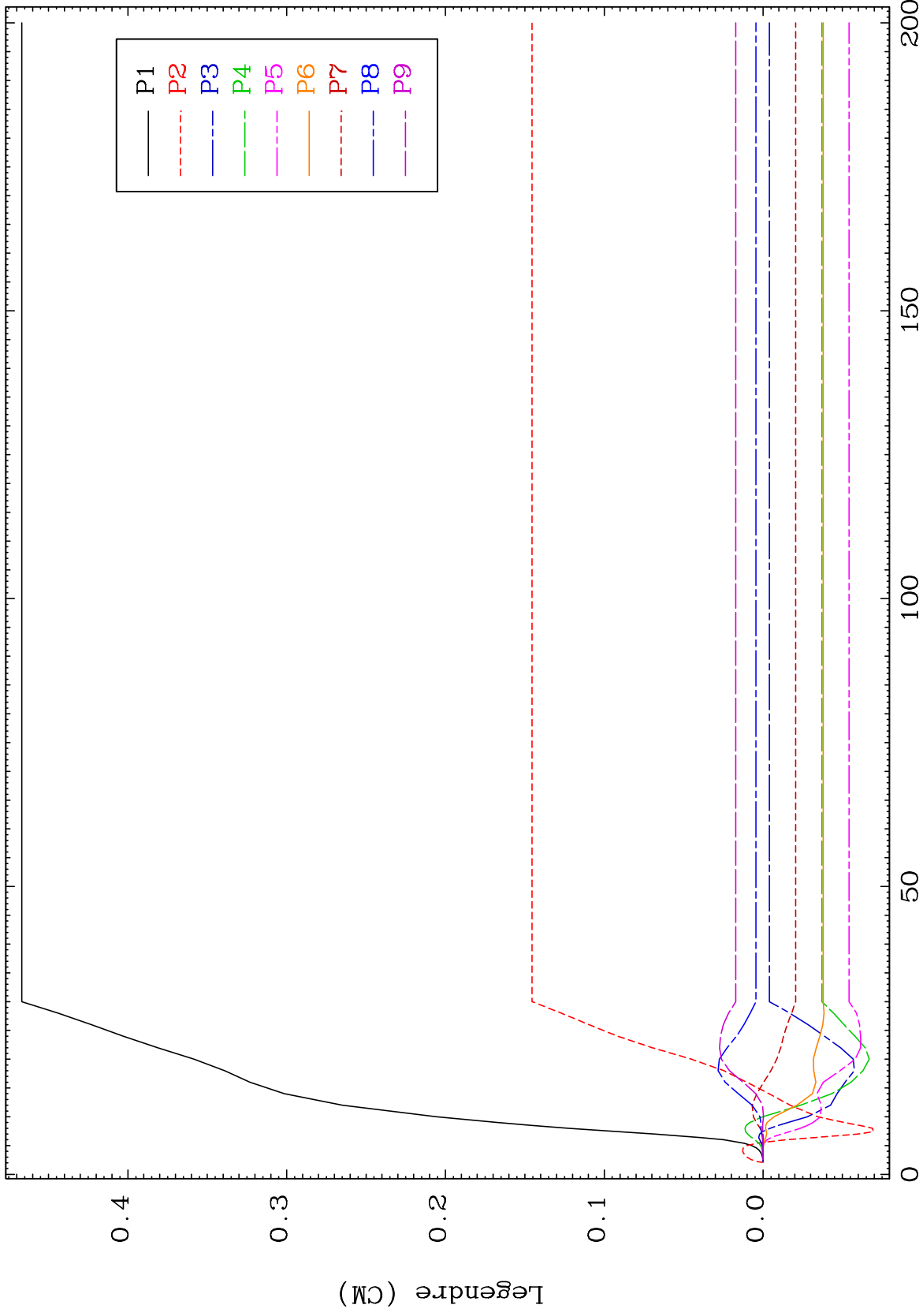




MAT 5913

2.045 MeV (n,n') Level
Legendre Coefficients

59-Pr-137



136

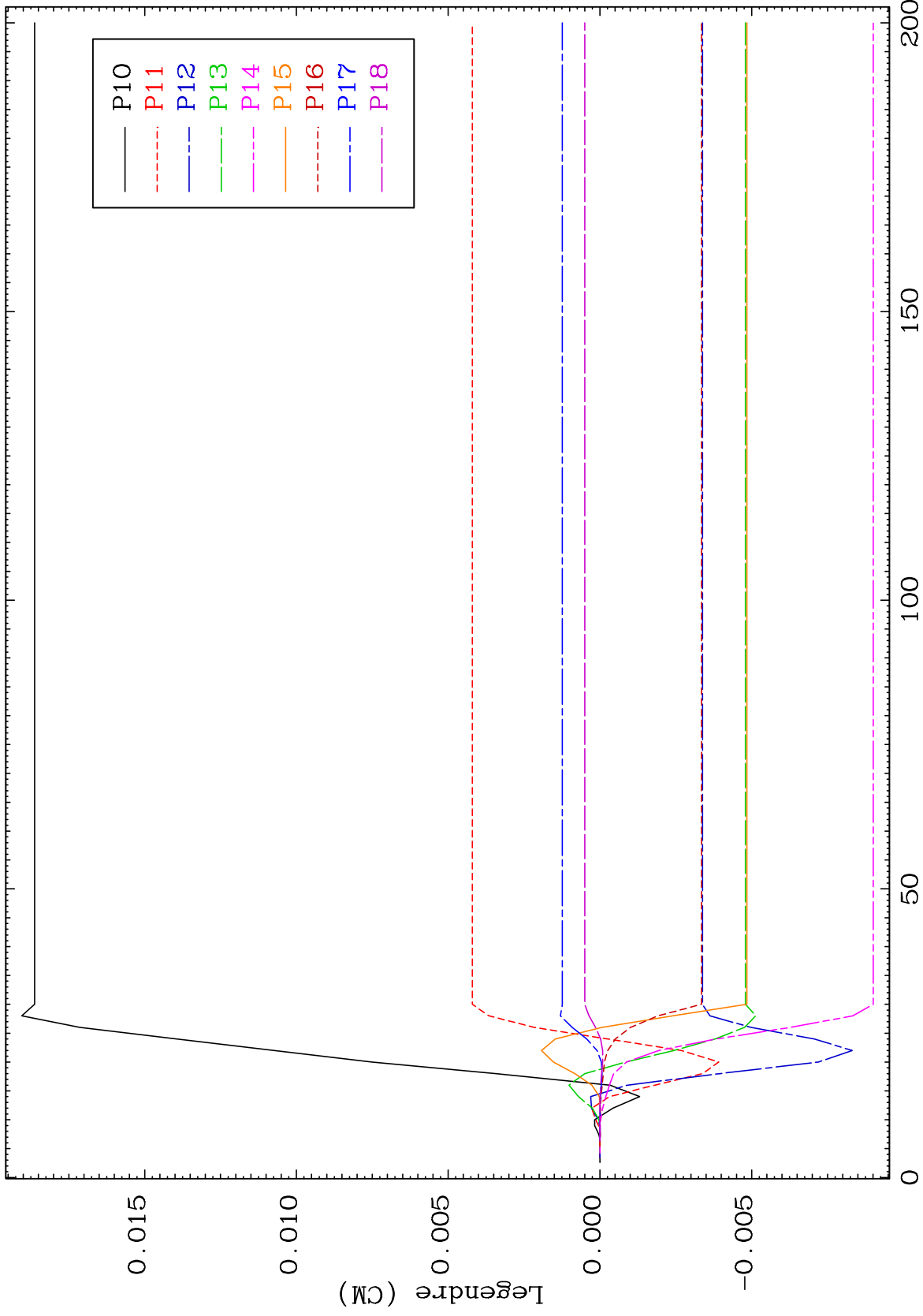
Incident Energy (MeV)

59-Pr-137

MAT 5913

2.045 MeV (n,n') Level
Legendre Coefficients

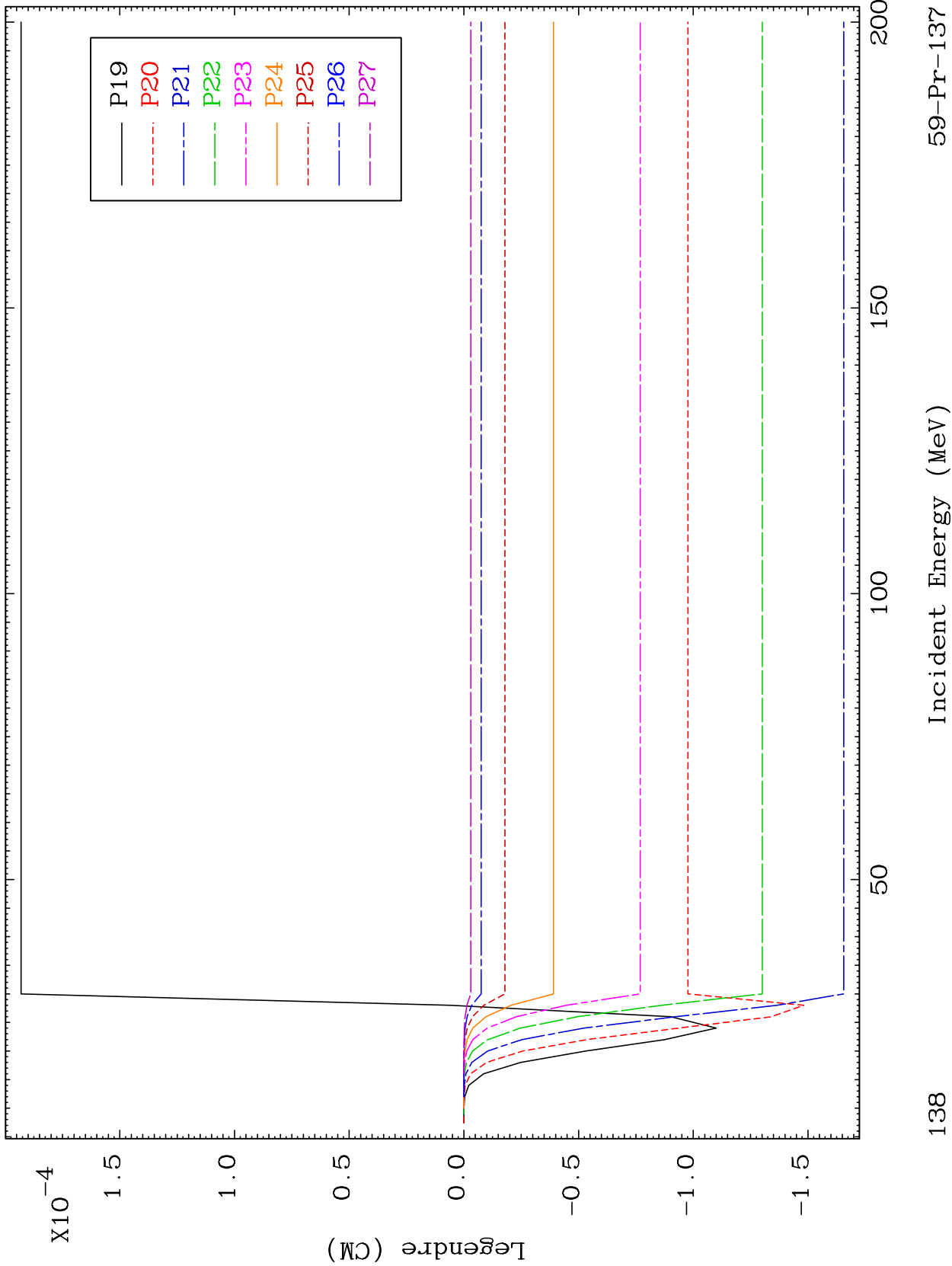
59-Pr-137

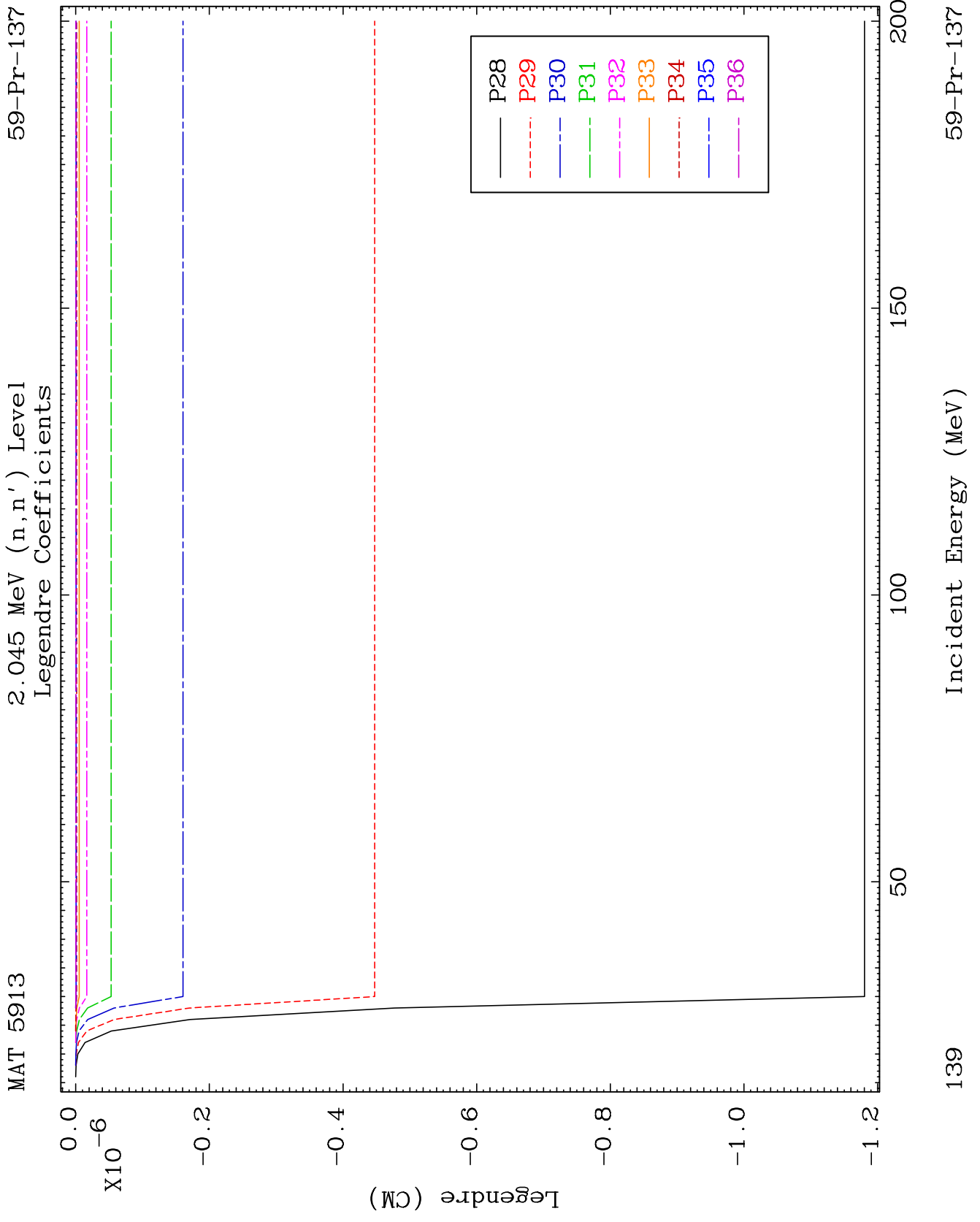


137

Incident Energy (MeV)

59-Pr-137

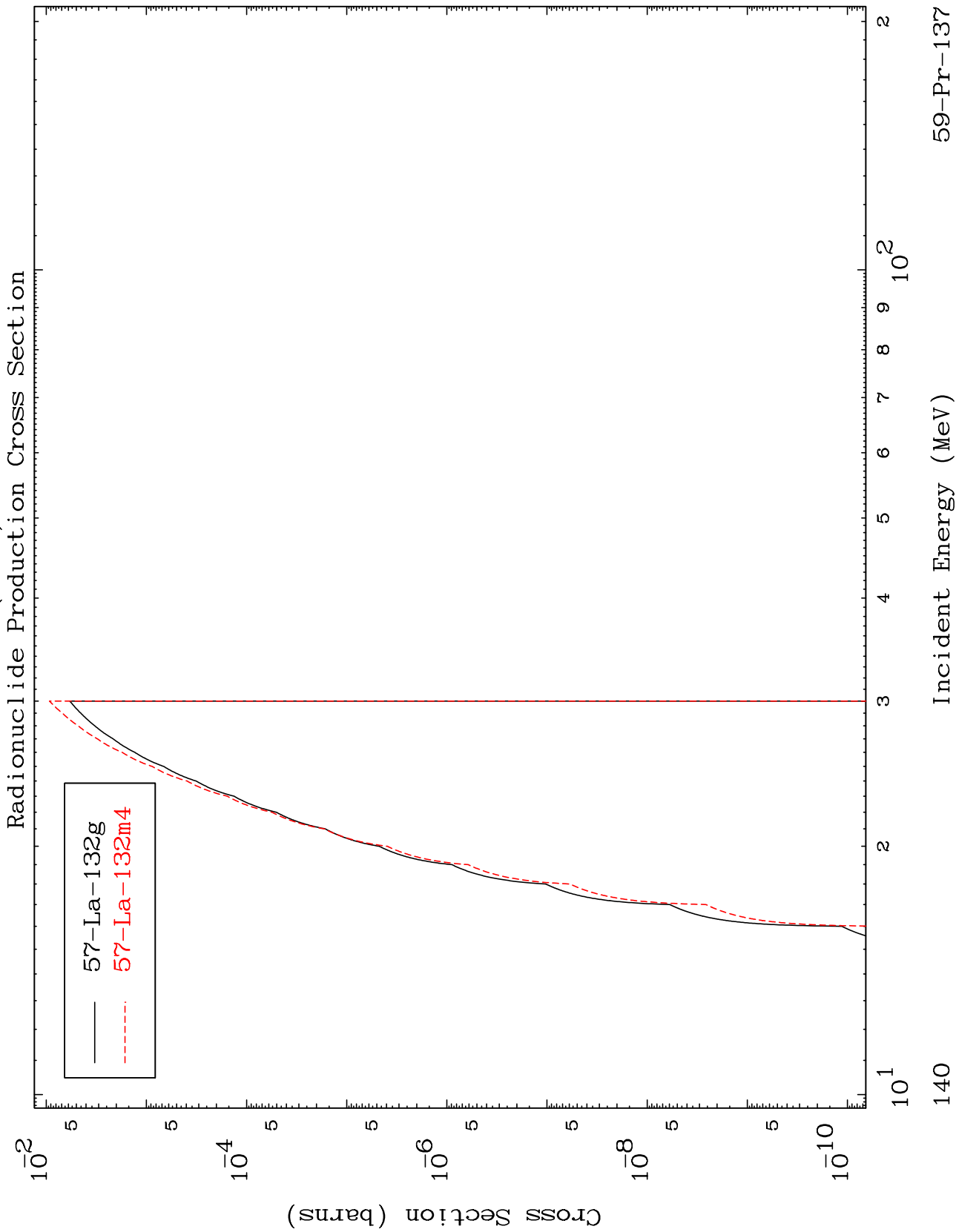




MAT 5913

(n,2n) α

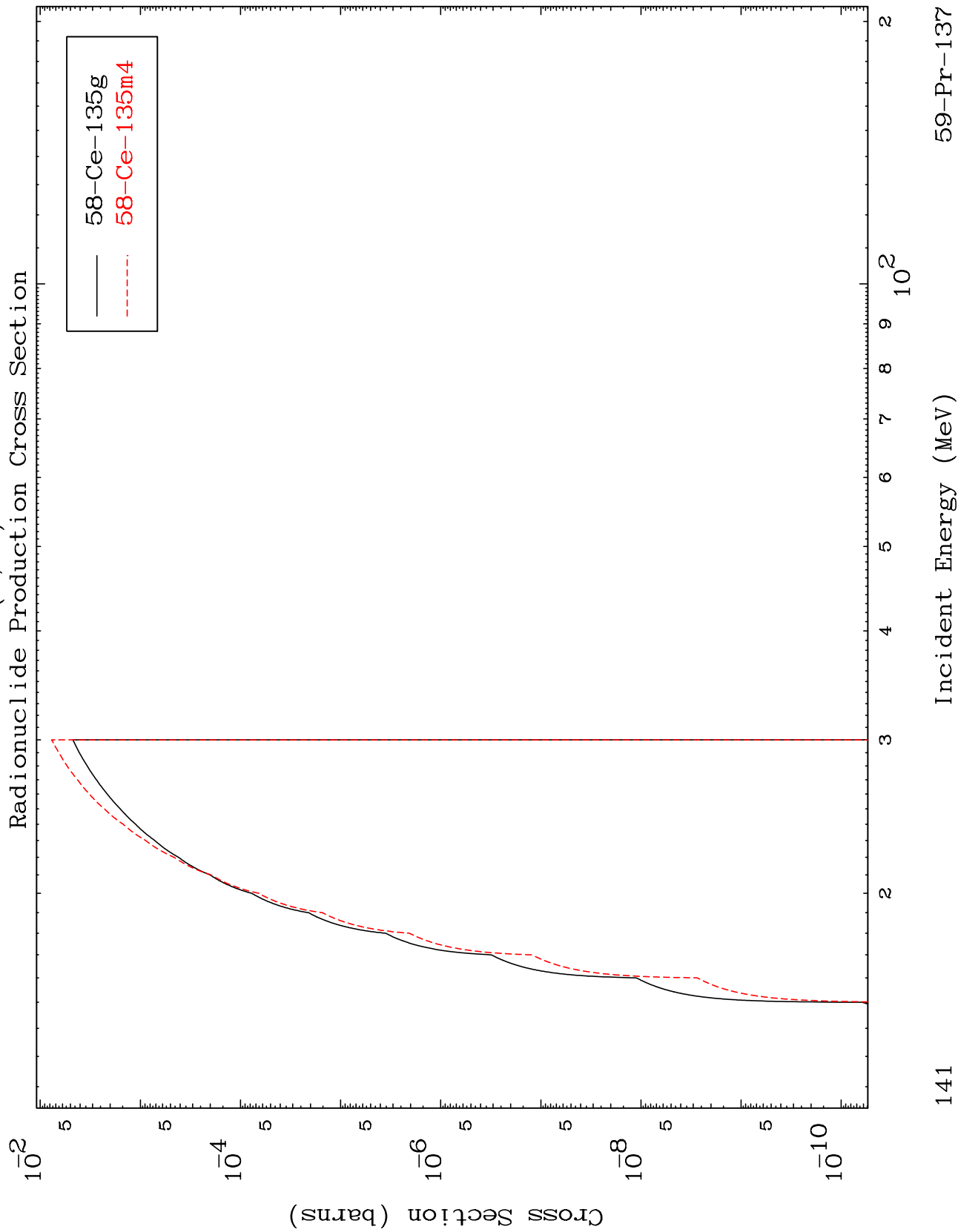
59-Pr-137



MAT 5913

(n,n') d

59-Pr-137



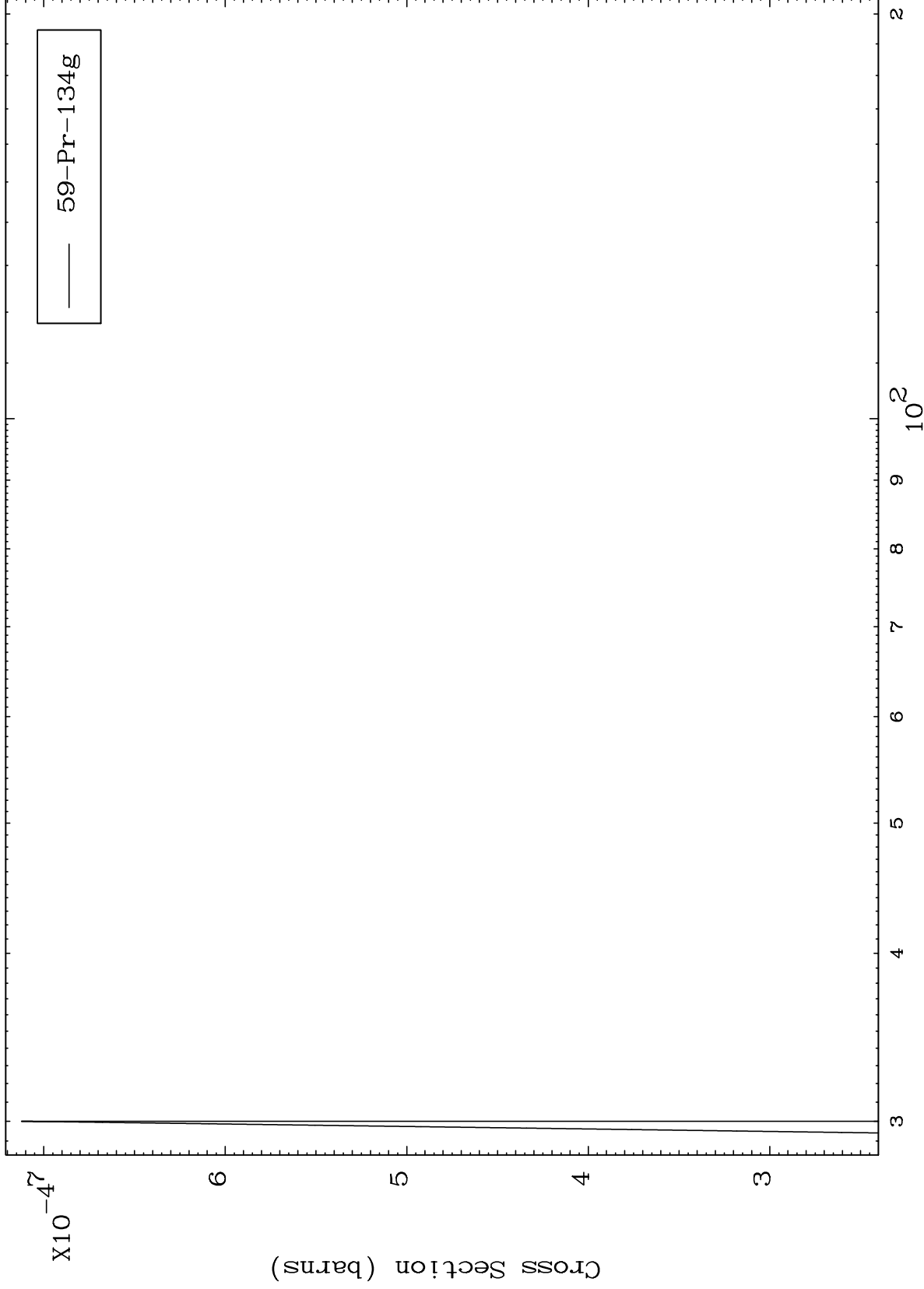
141

59-Pr-137

MAT 5913

59-Pr-137

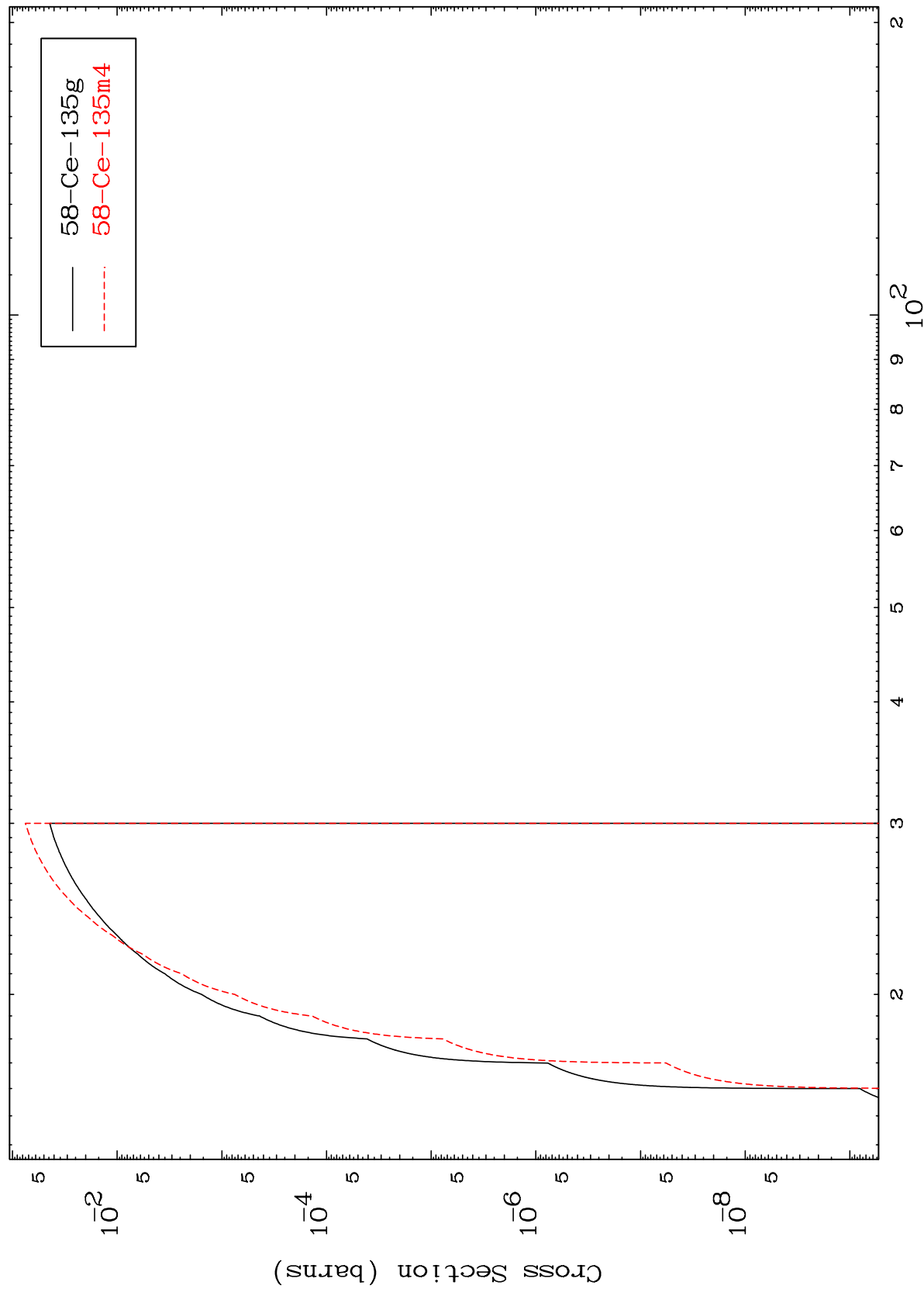
(n,4n)
Radionuclide Production Cross Section



142

59-Pr-137

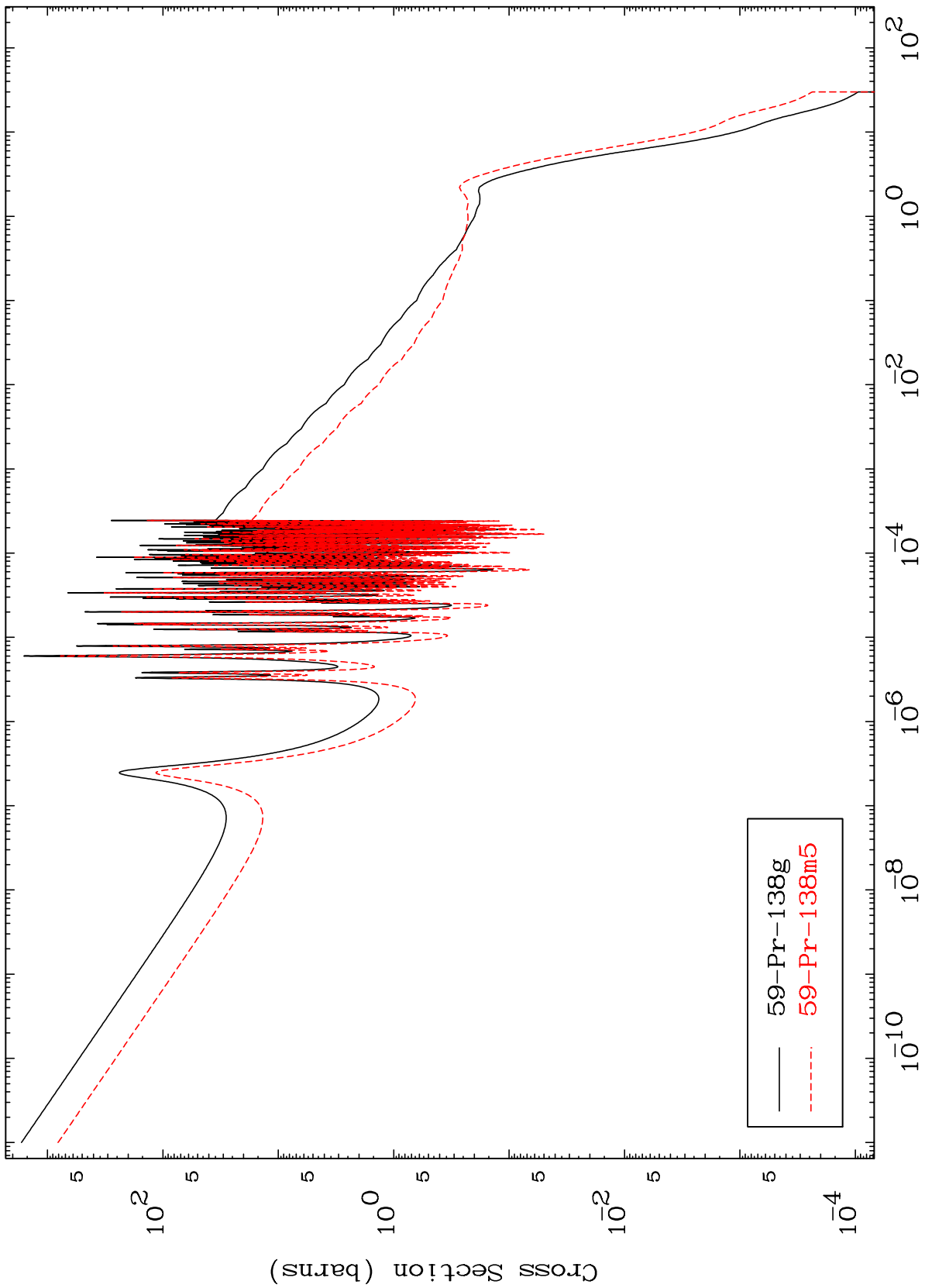
Radionuclide Production Cross Section



MAT 5913

59-Pr-137

(n, γ)
Radionuclide Production Cross Section



59-Pr-137

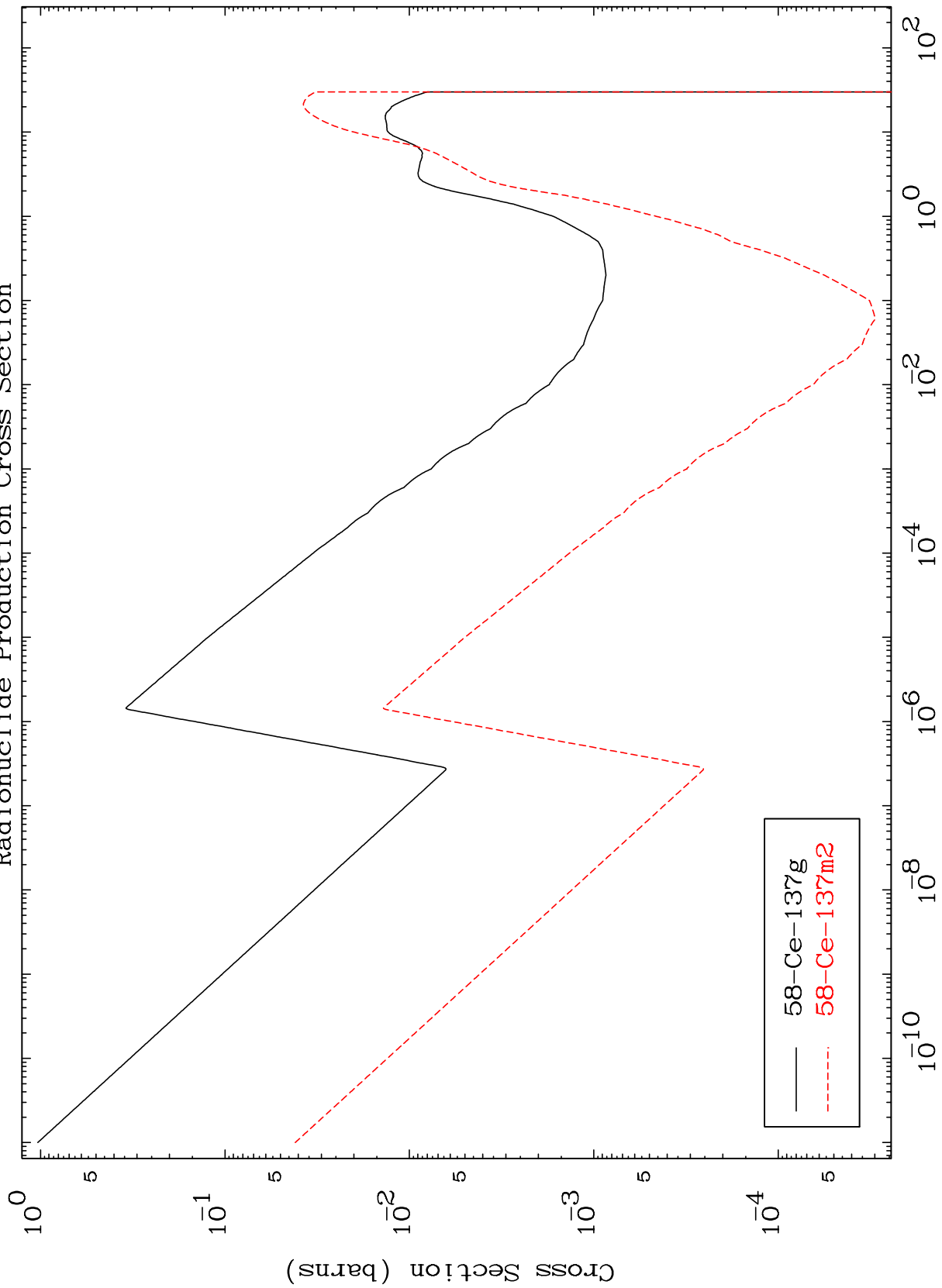
Incident Energy (MeV)

144

MAT 5913

59-Pr-137

Radionuclide Production Cross Section



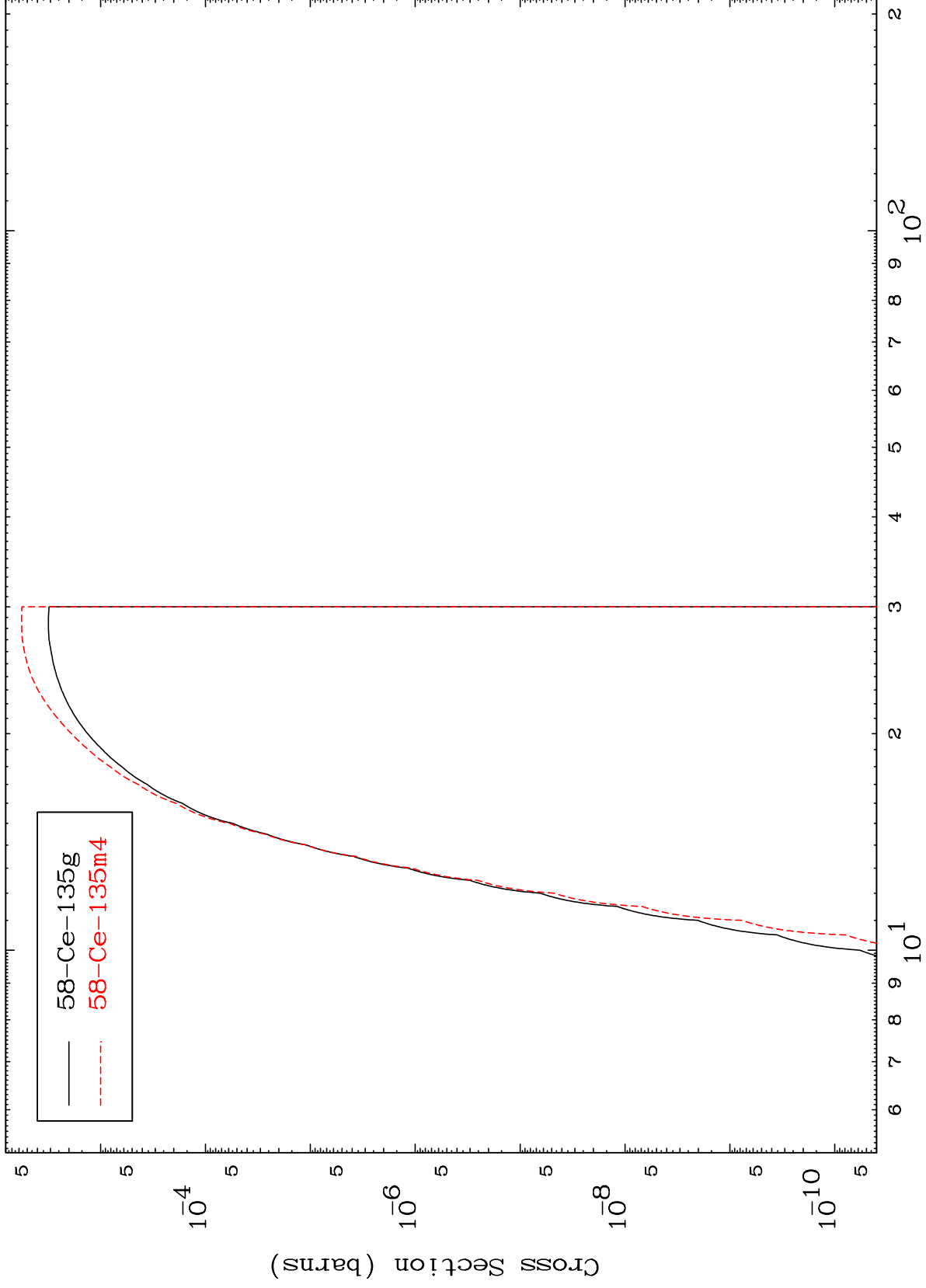
145

59-Pr-137

MAT 5913

59-Pr-137

(n, t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

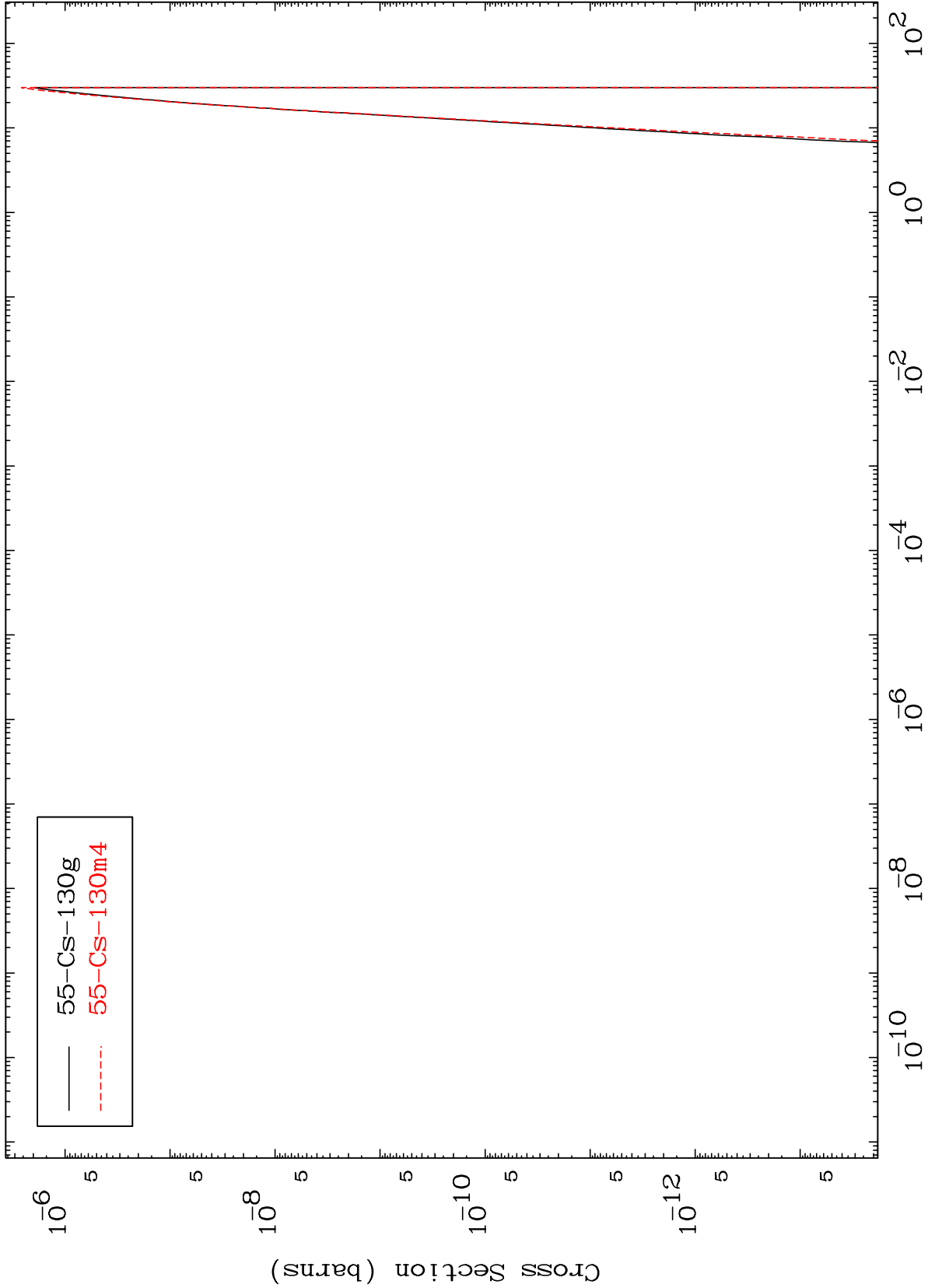
59-Pr-137

MAT 5913

(n,2α)

59-Pr-137

Radionuclide Production Cross Section



MAT 5913

(n,p) α

59-Pr-137

Radionuclide Production Cross Section

