

Program EVALPLOT
(Version 2015-2)

by

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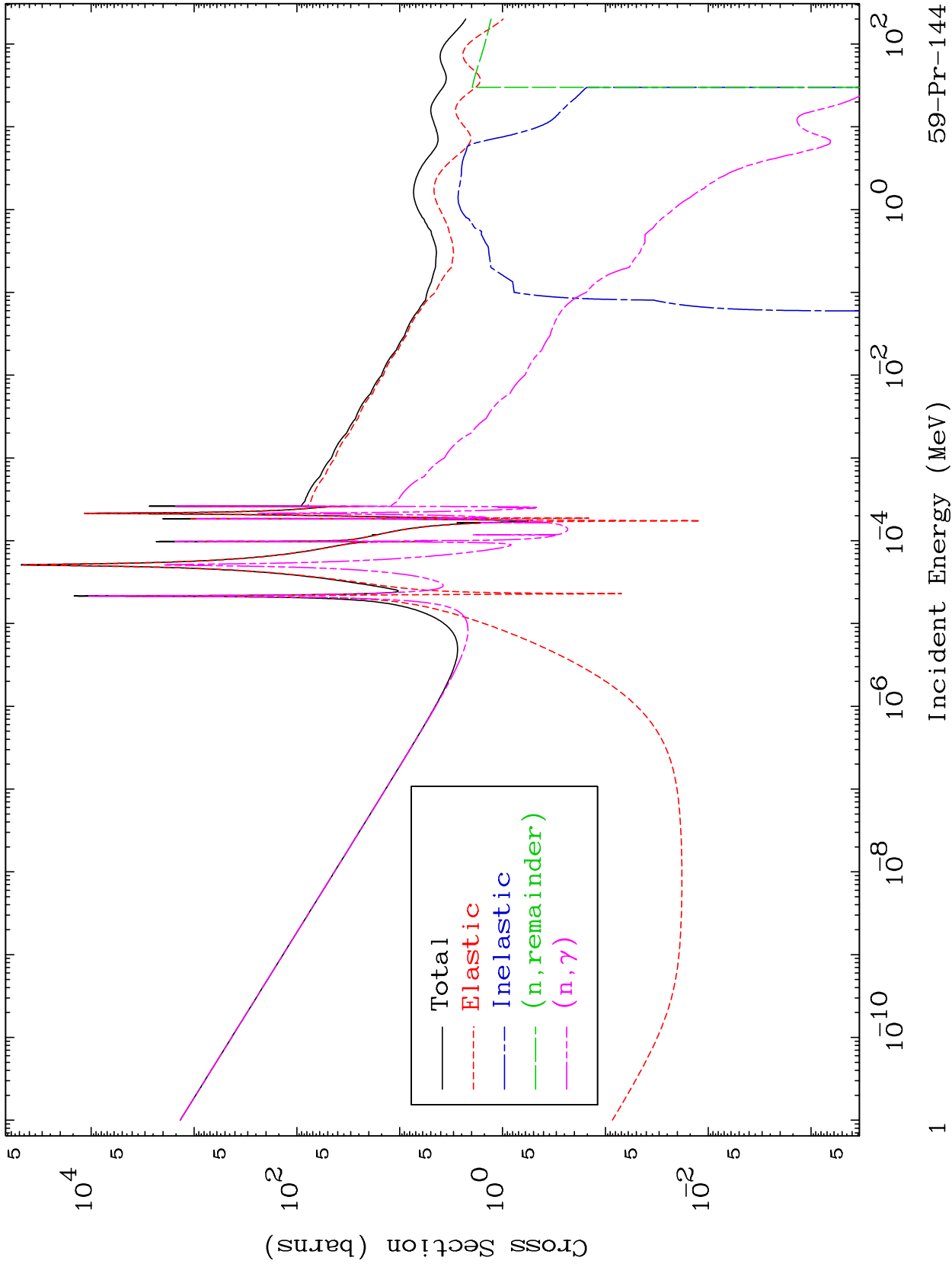
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5934

Major
293 Kelvin Cross Sections

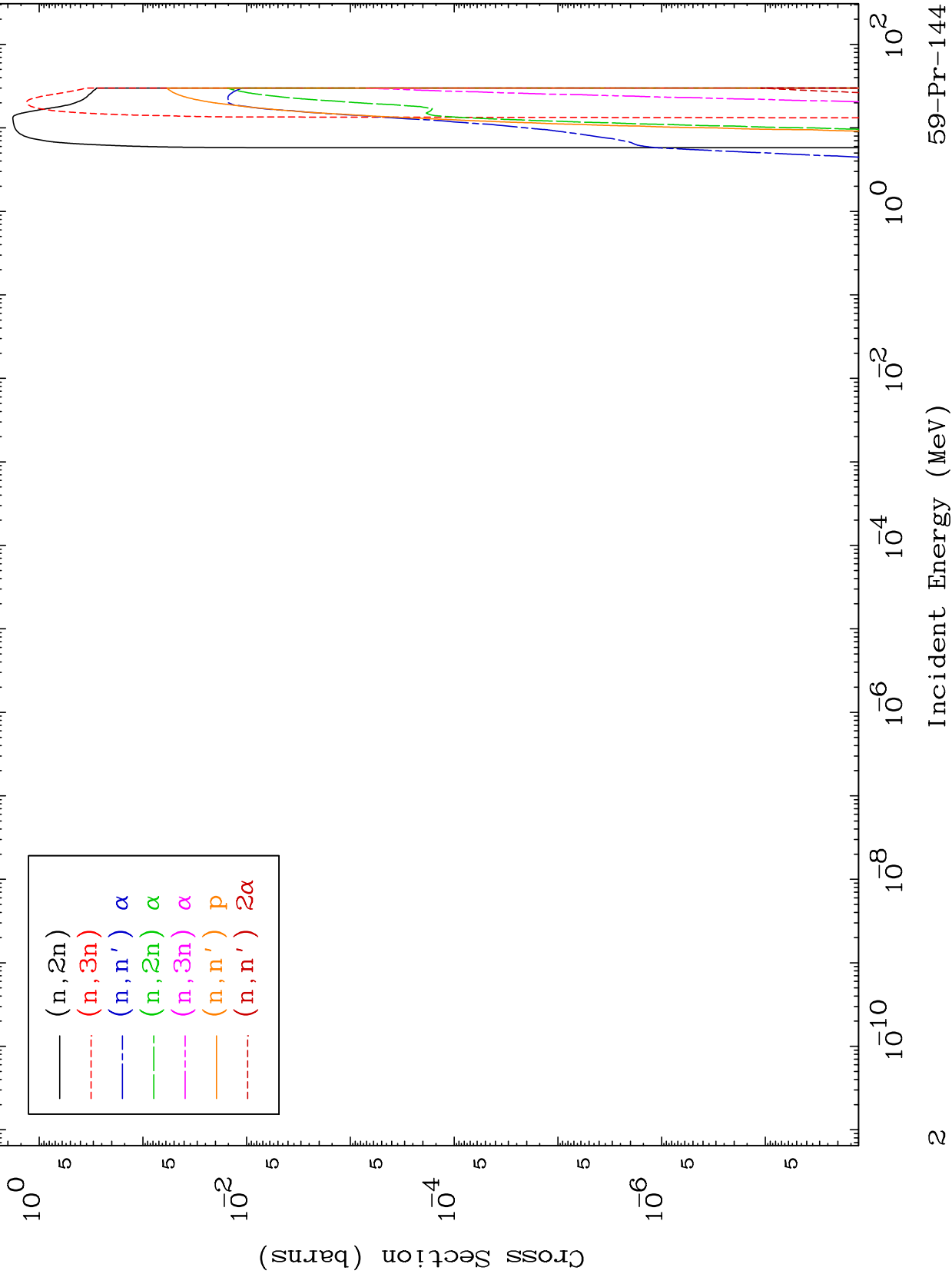
59-Pr-144

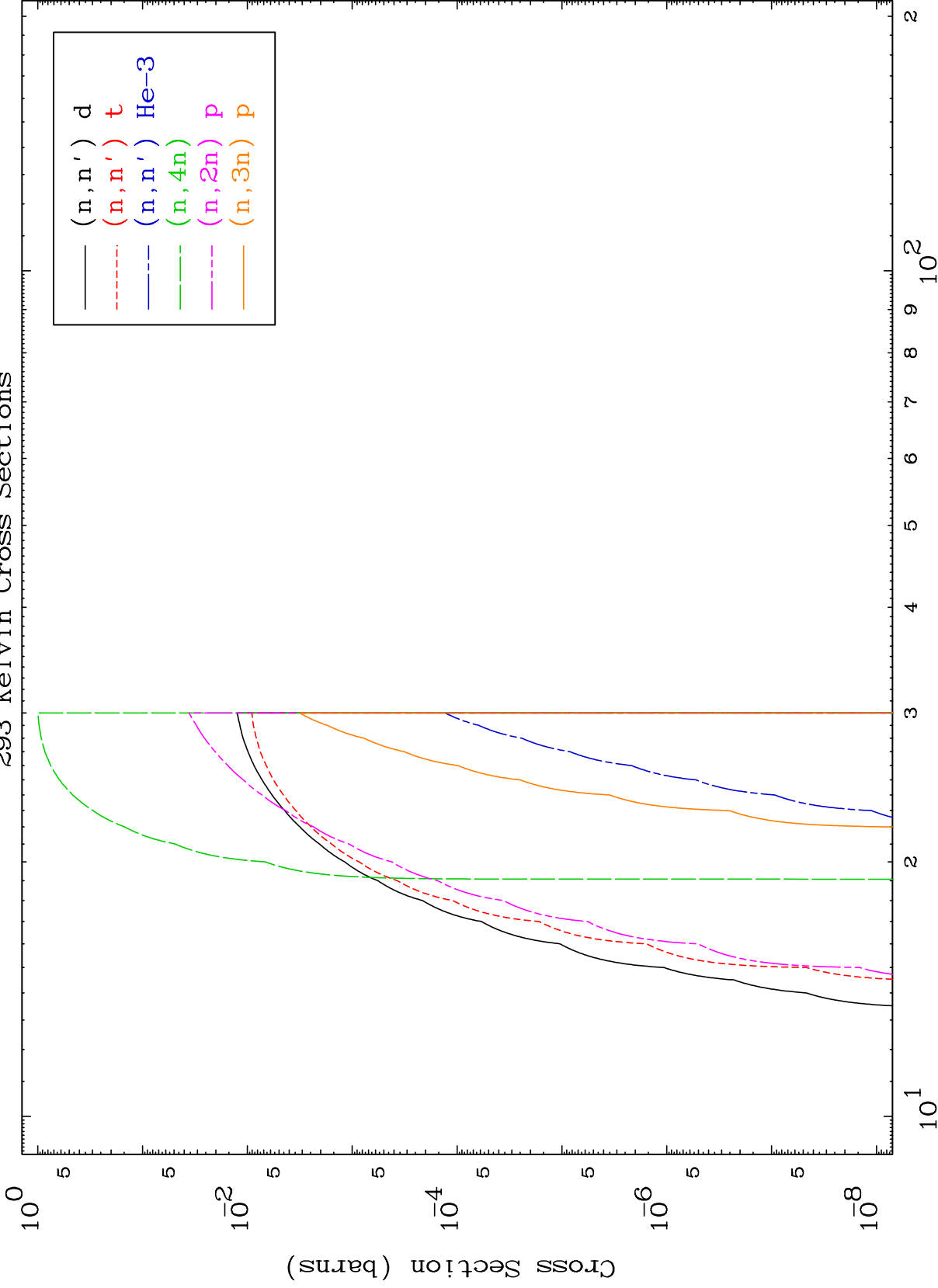


MAT 5934

Neutron Production
293 Kelvin Cross Sections

59-Pr-144

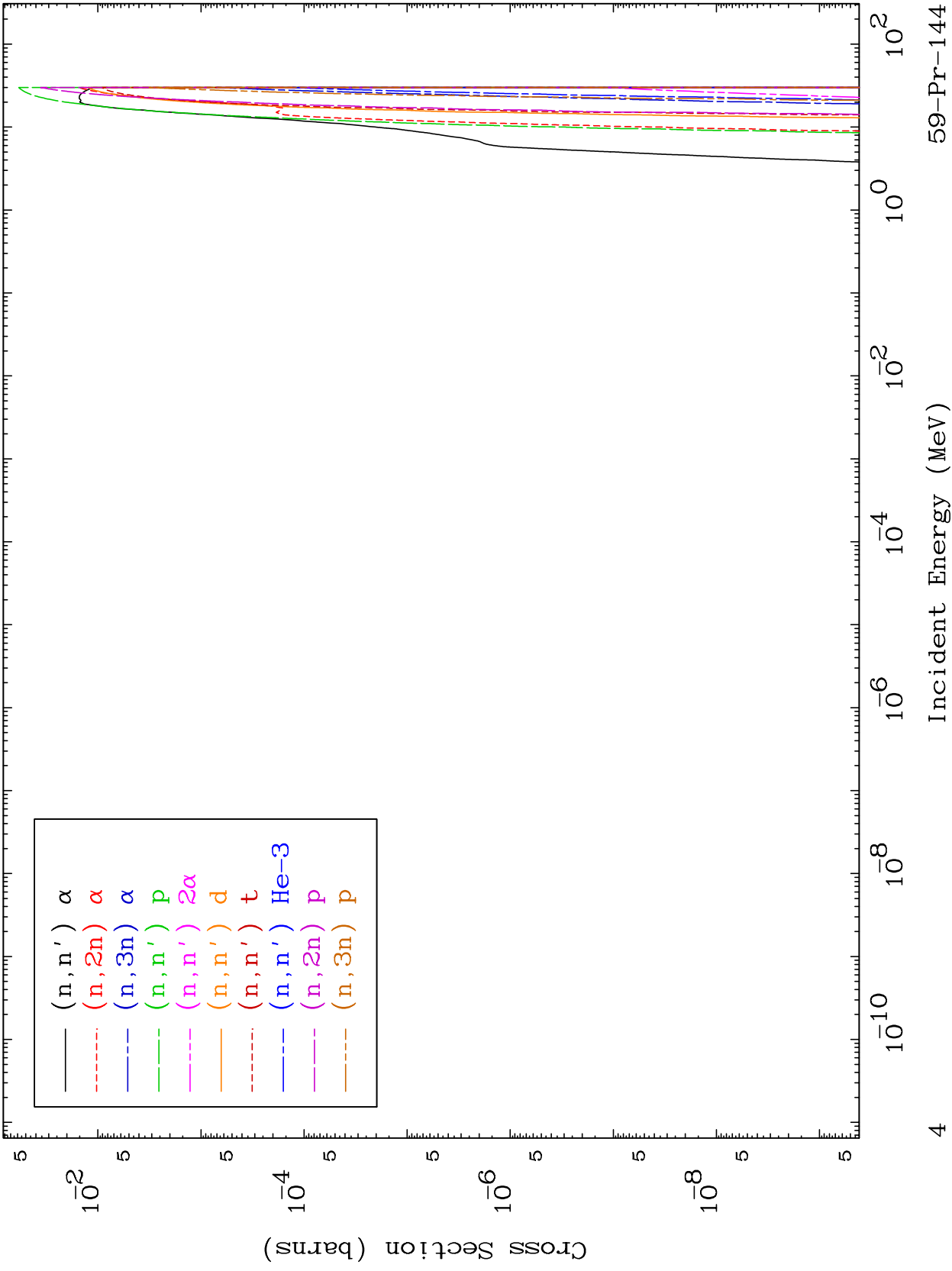




MAT 5934

Charged Particle
293 Kelvin Cross Sections

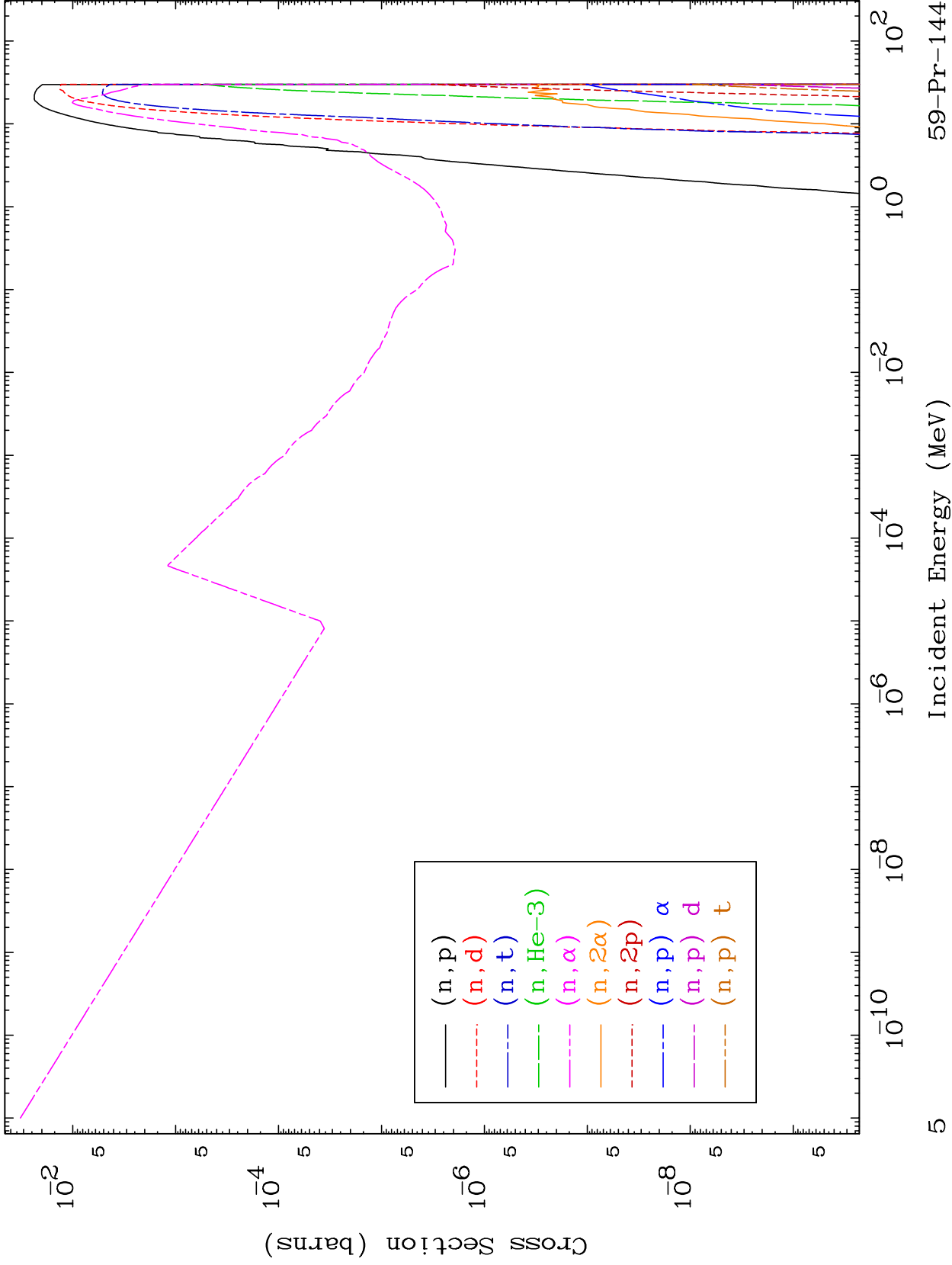
59-Pr-144

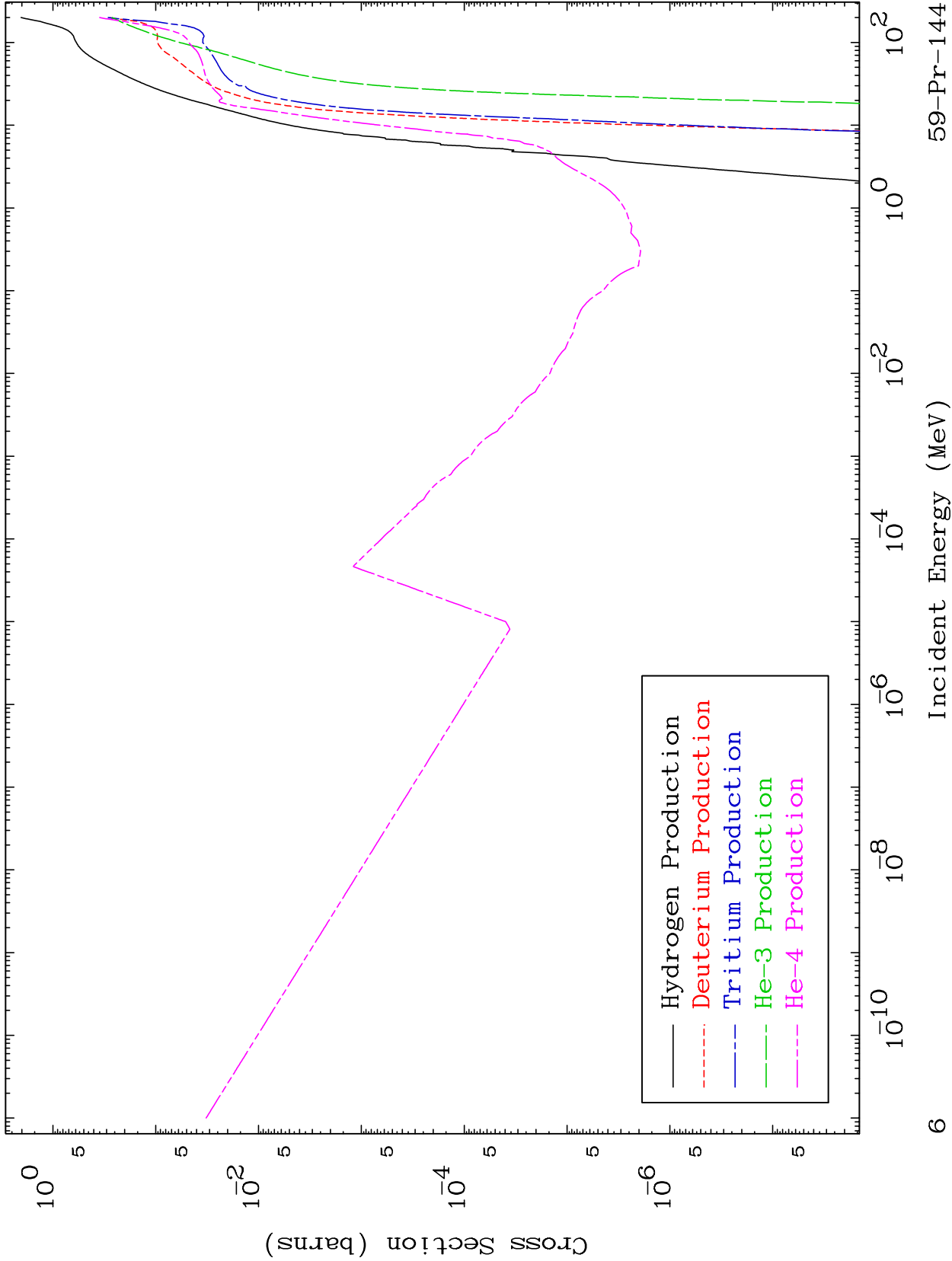


MAT 5934

Charged Particle
293 Kelvin Cross Sections

59-Pr-144

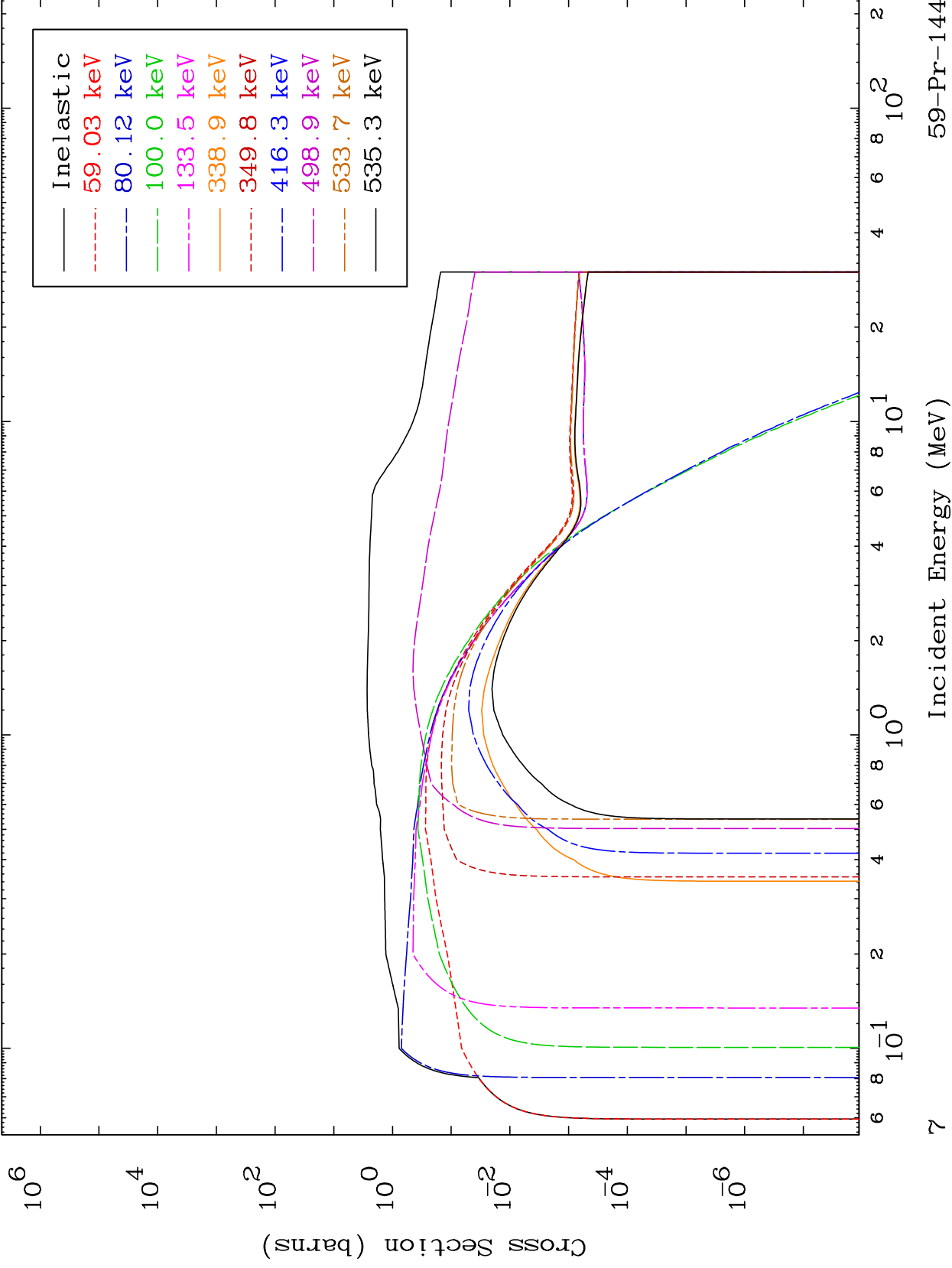




MAT 5934

(n,n') Level
293 Kelvin Cross Sections

59-Pr-144



59-Pr-144

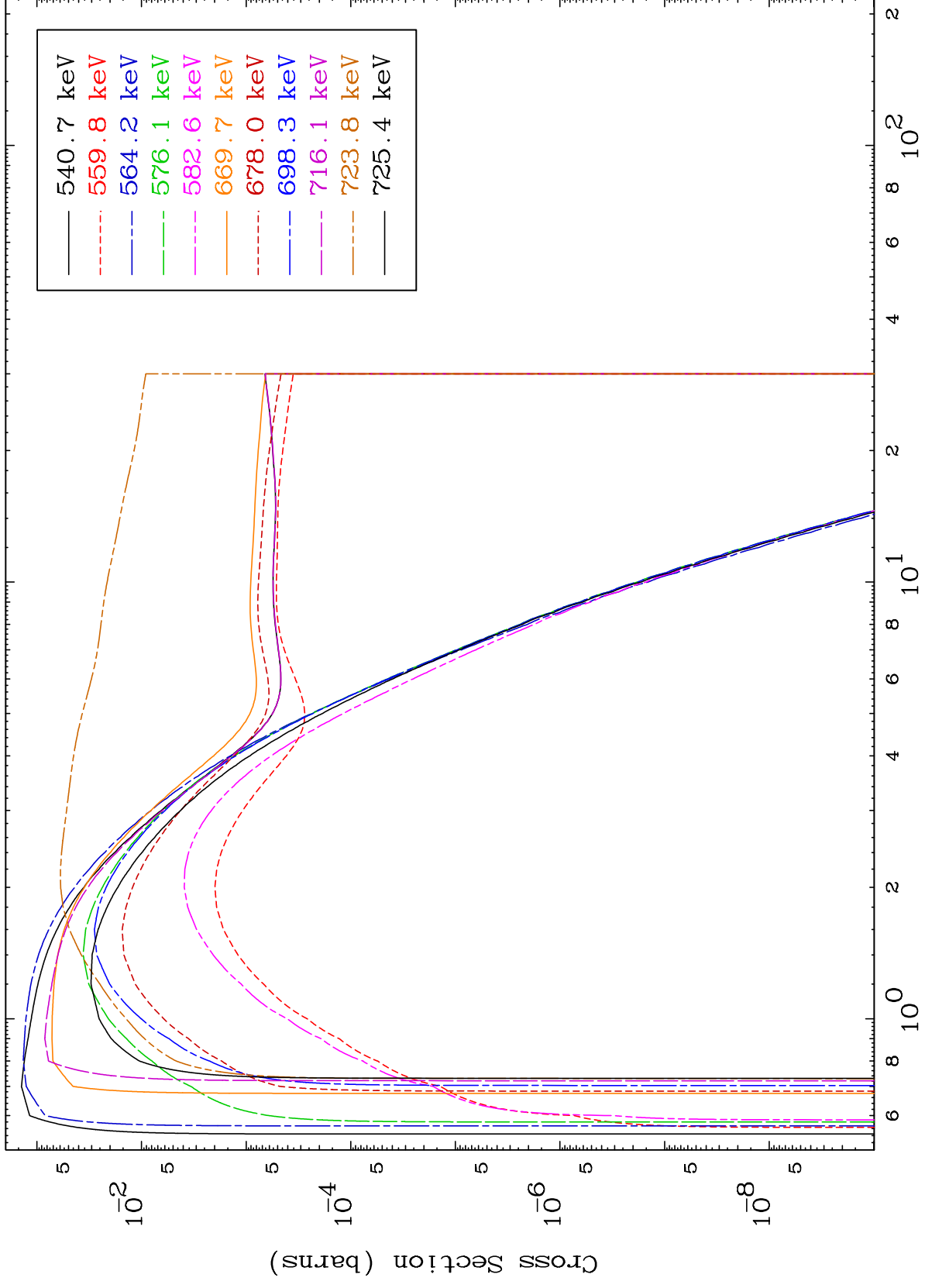
Incident Energy (MeV)

MAT 5934

(n,n') Level

59-Pr-144

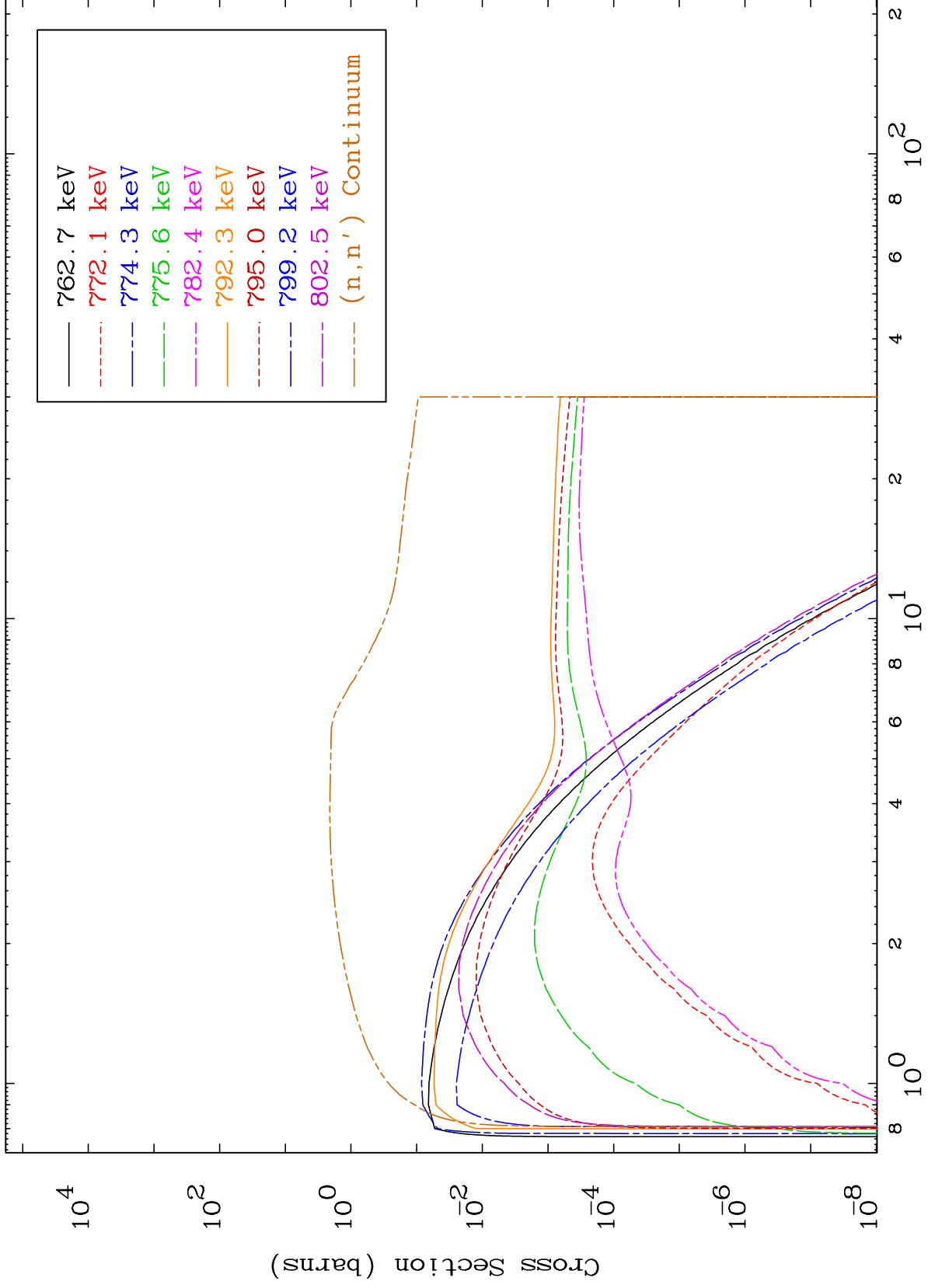
293 Kelvin Cross Sections



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Incident Energy (MeV)

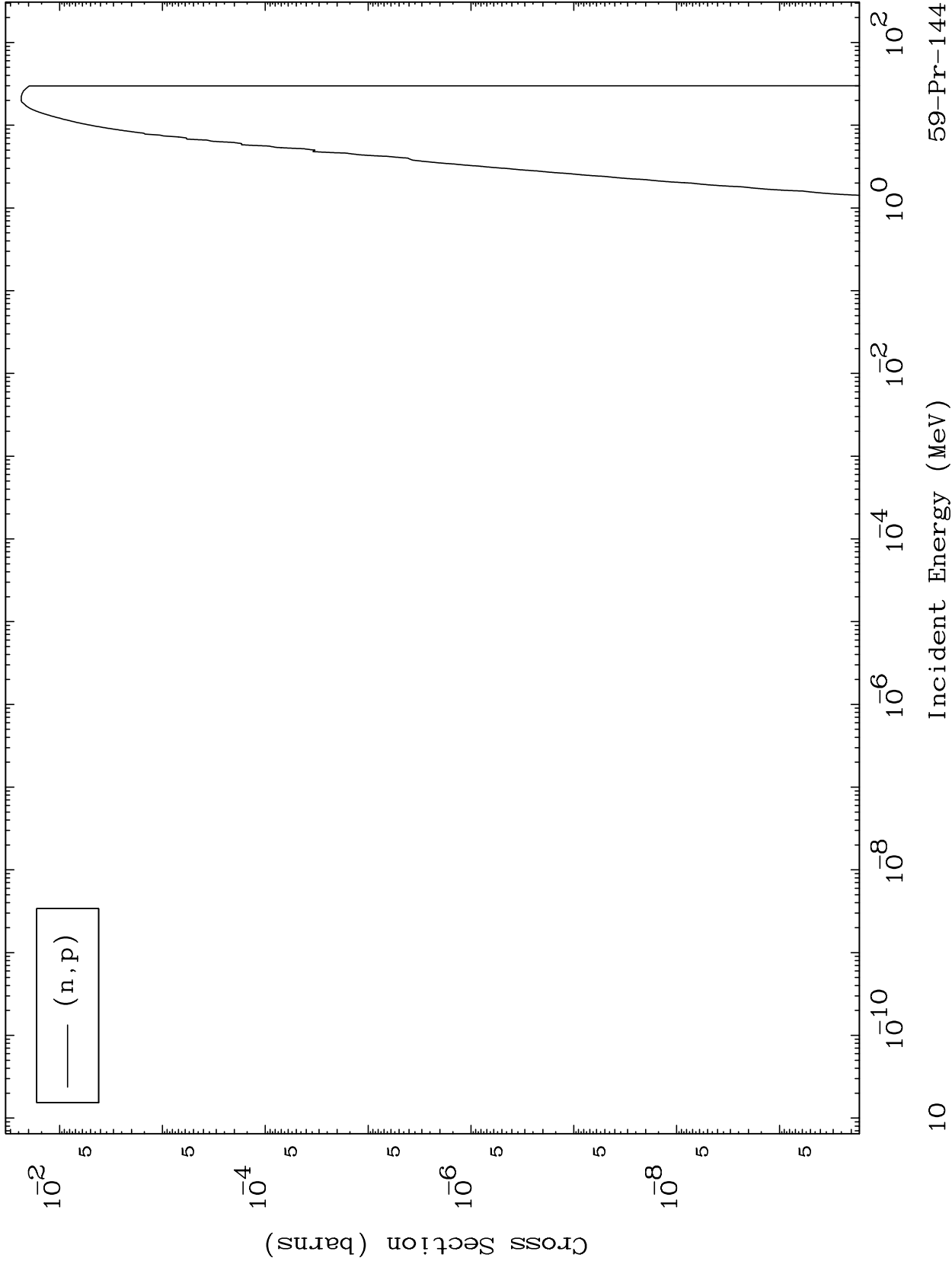
59-Pr-144



MAT 5934

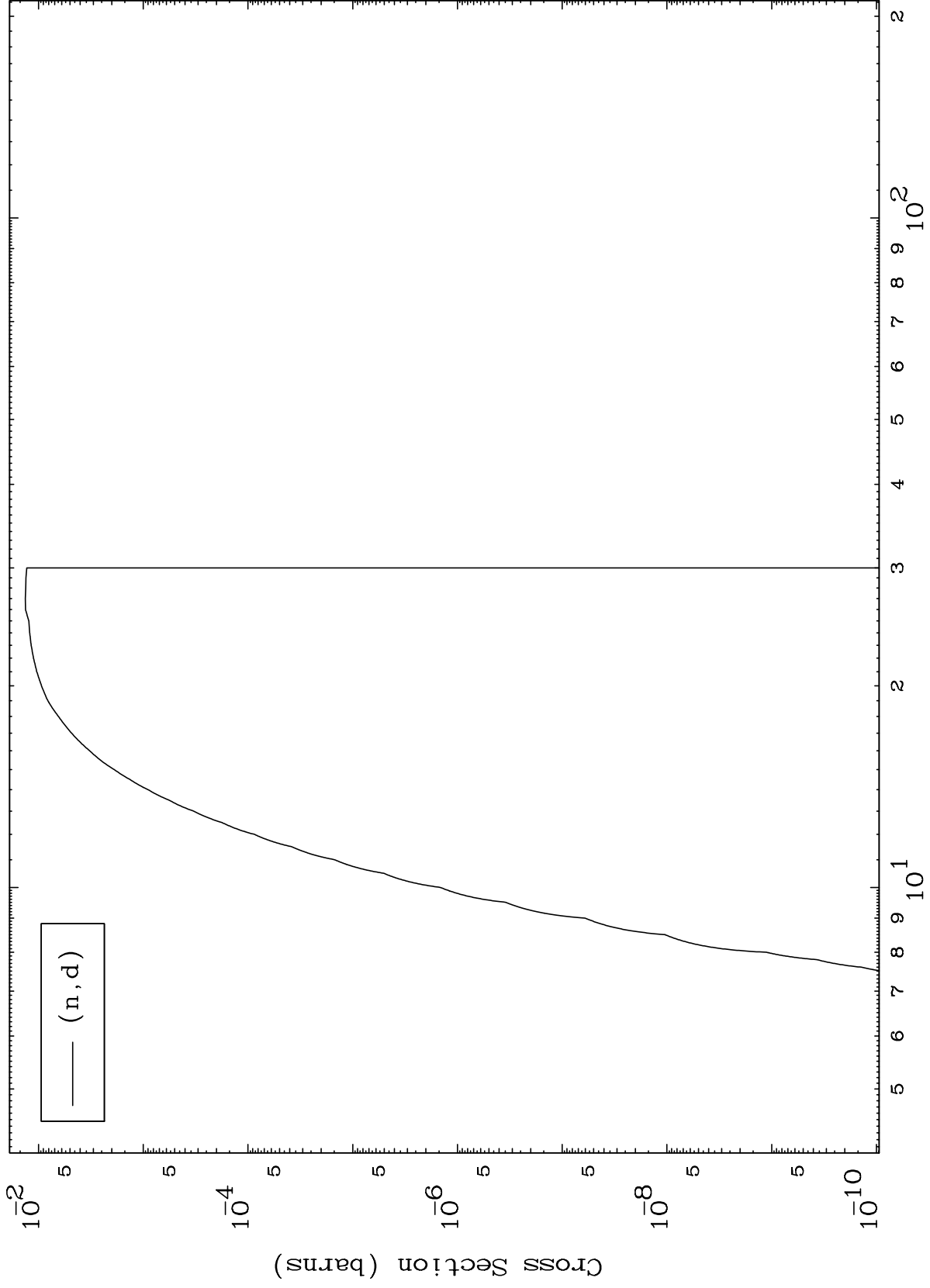
(n,p) Levels
293 Kelvin Cross Sections

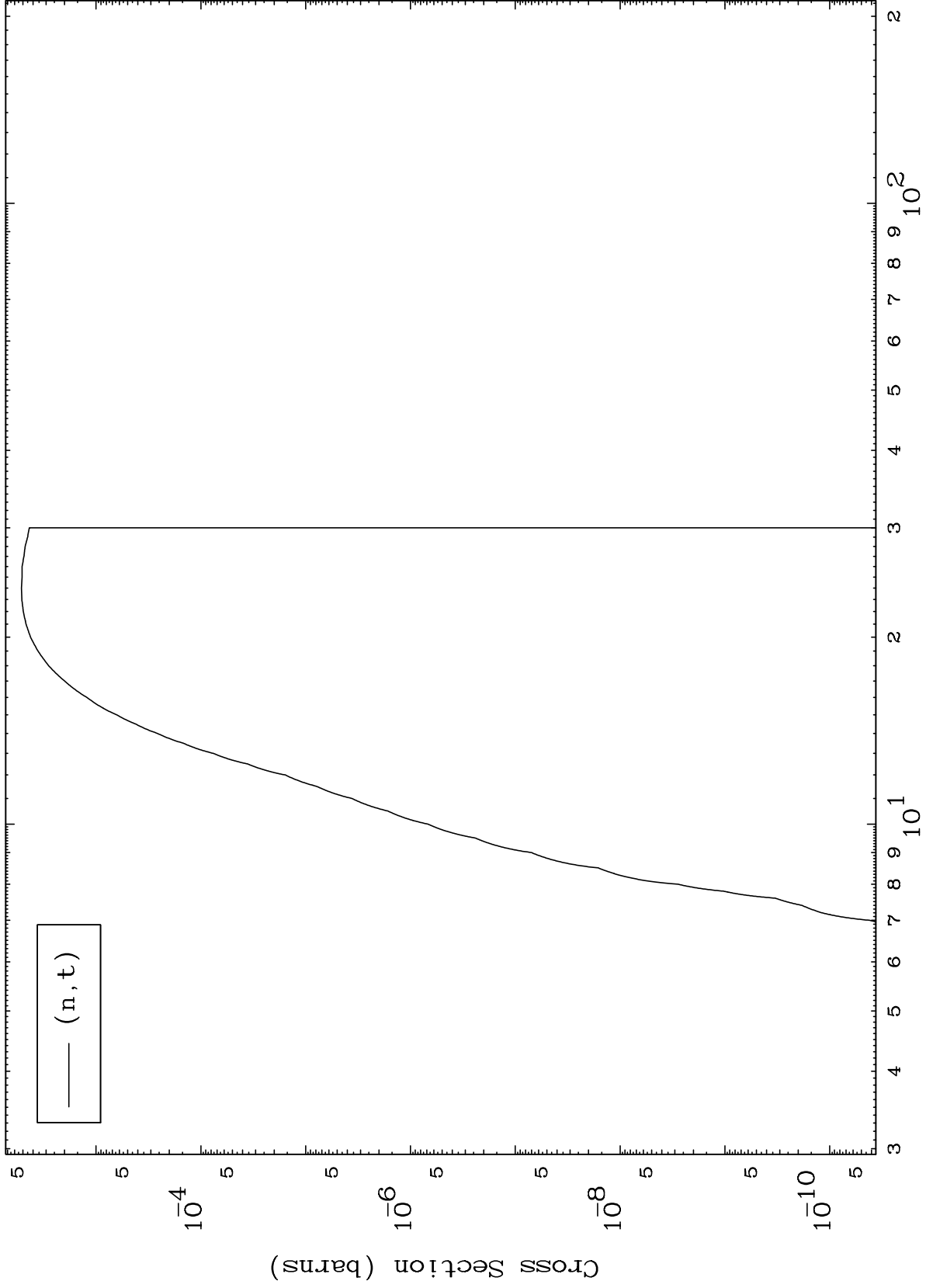
59-Pr-144



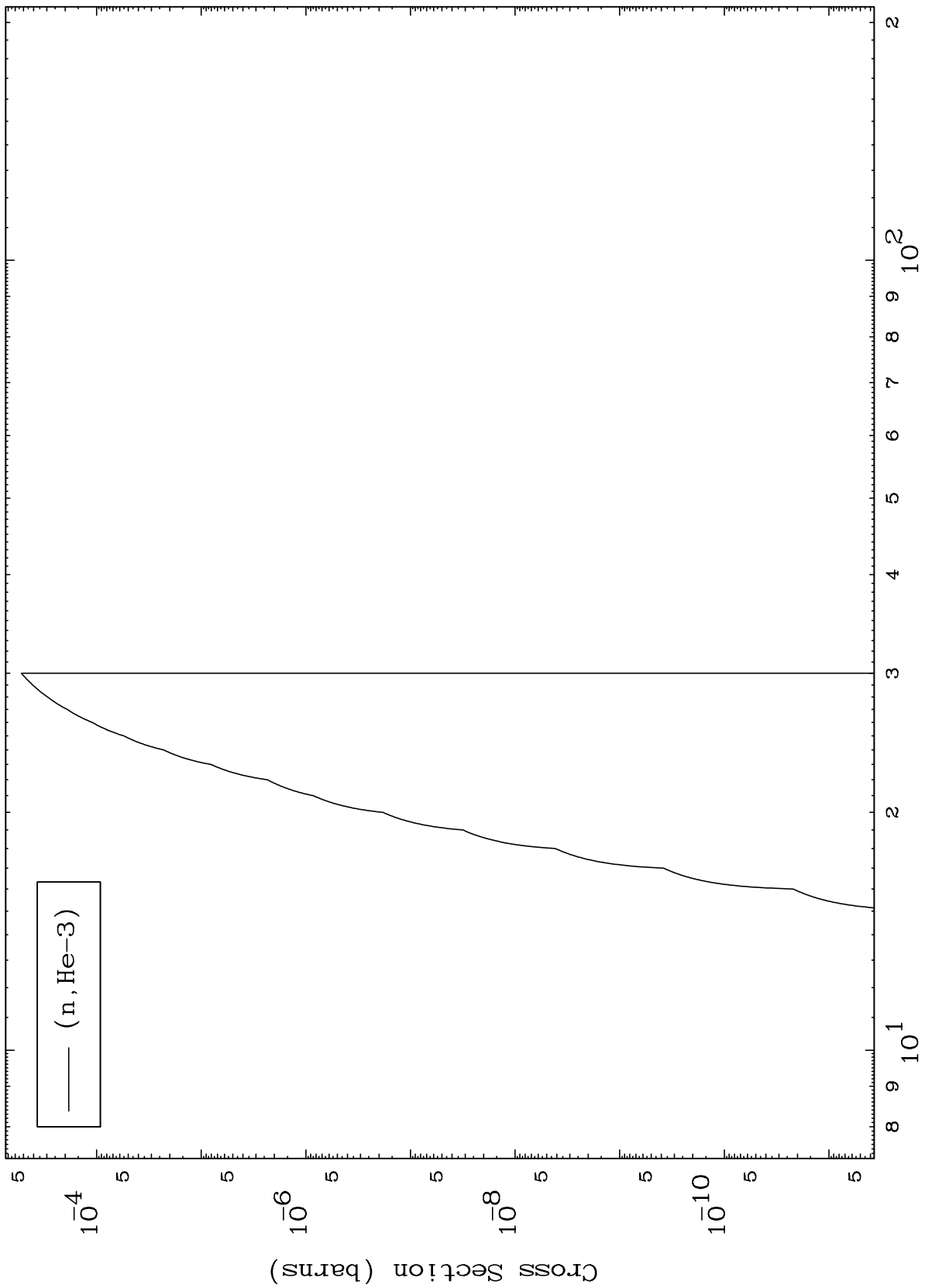
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59-Pr-144





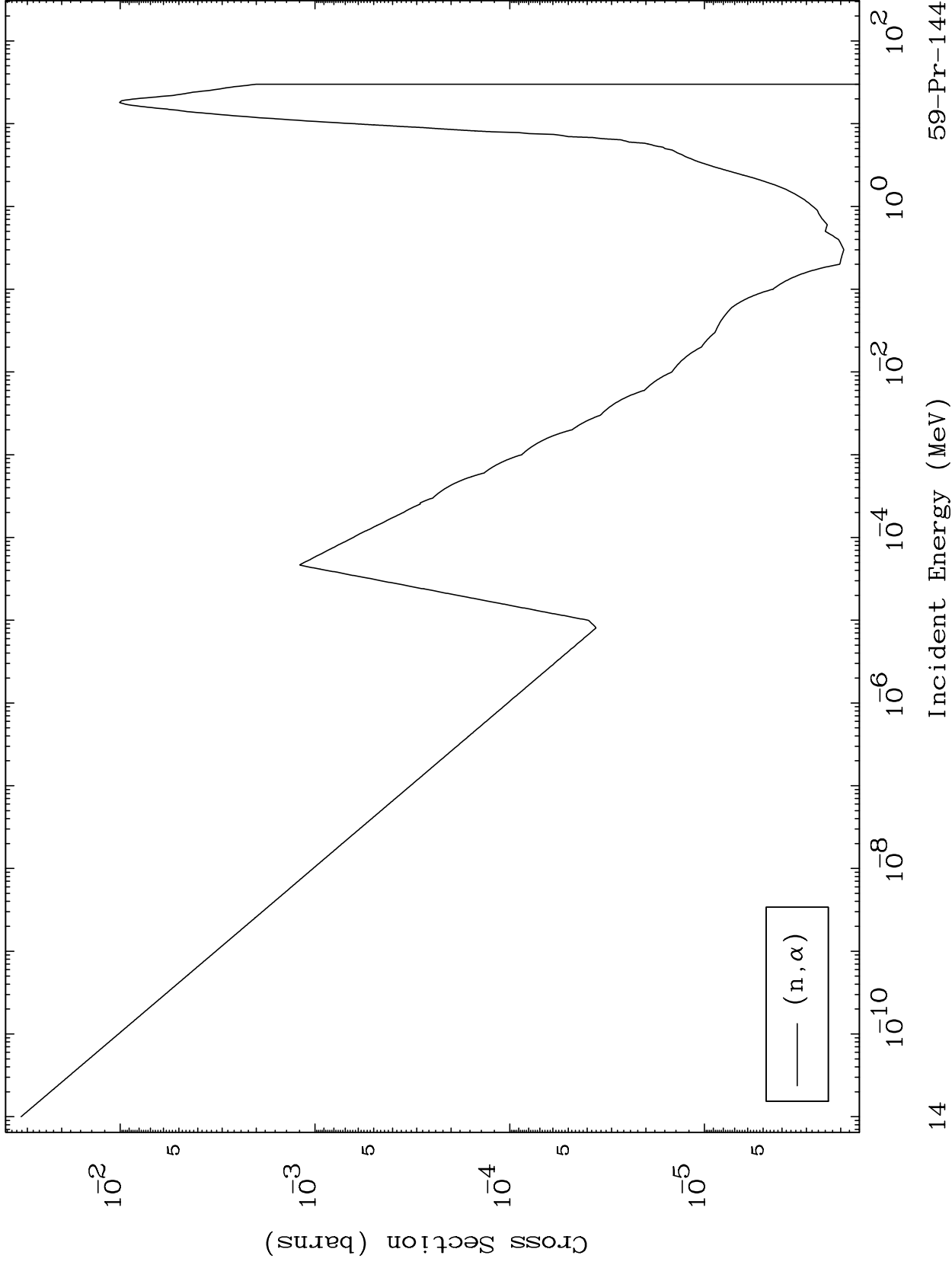
(n,He3) Levels
293 Kelvin Cross Sections

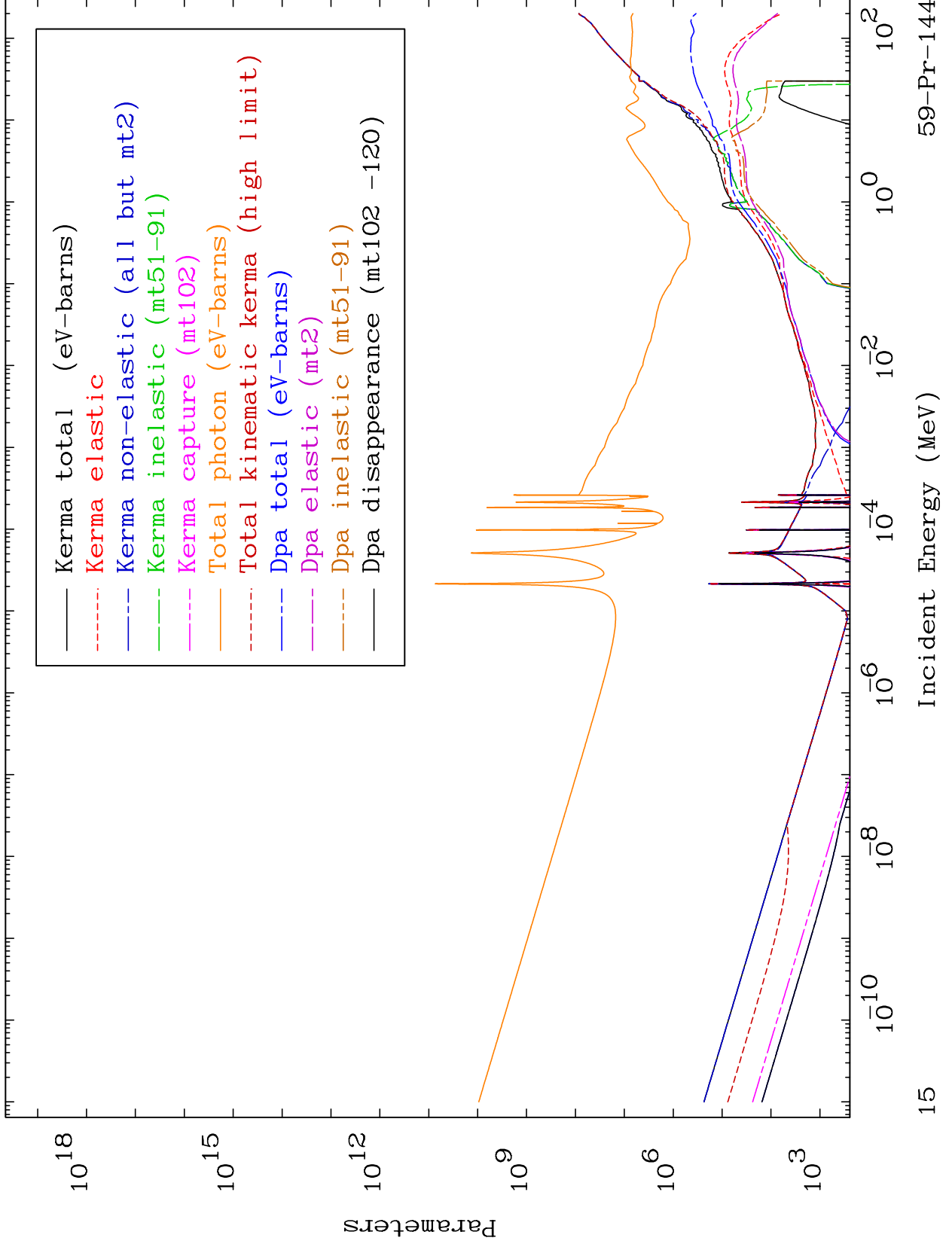


MAT 5934

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-144

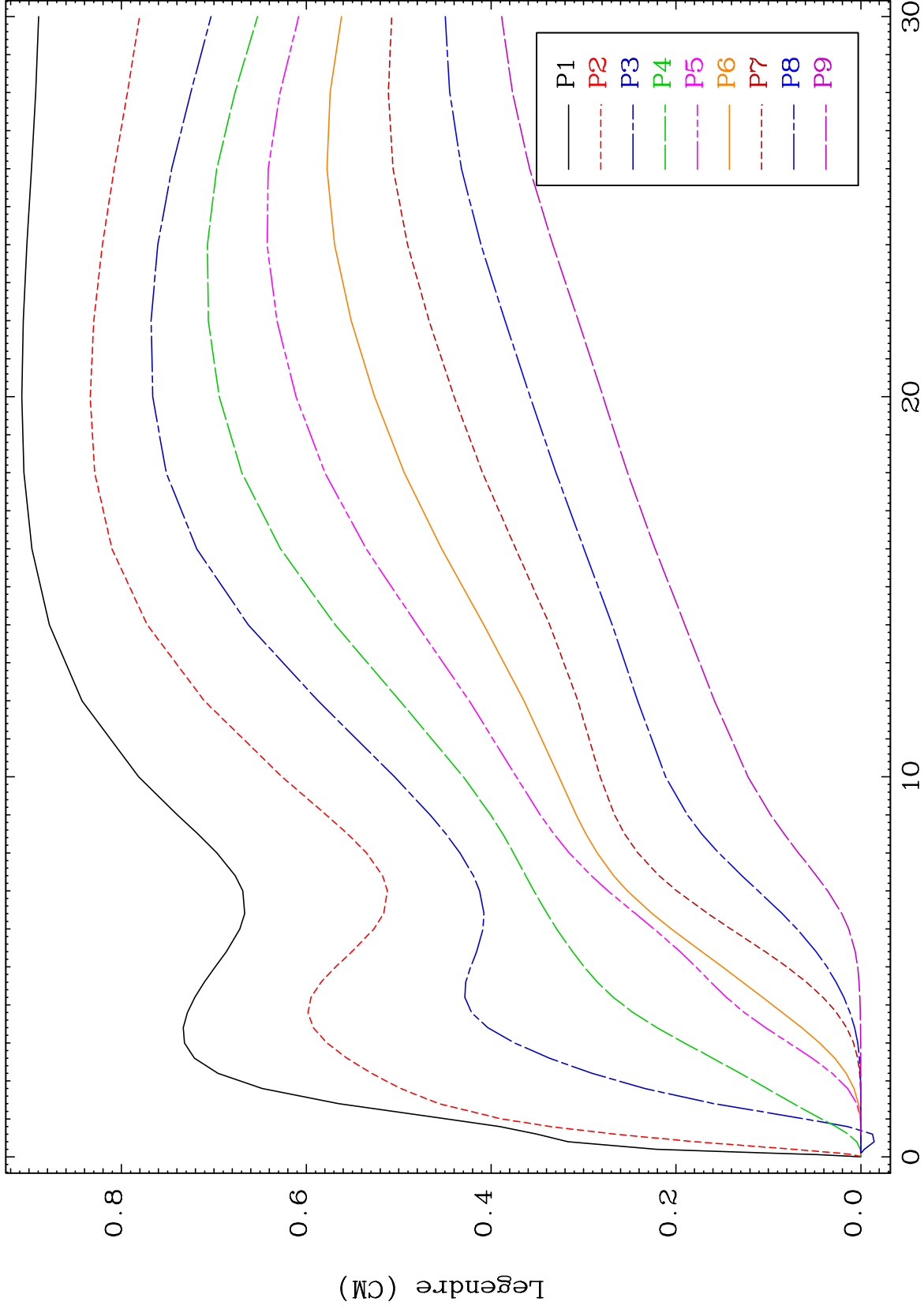




MAT 5934

Elastic Legendre Coefficients

59-Pr-144



16

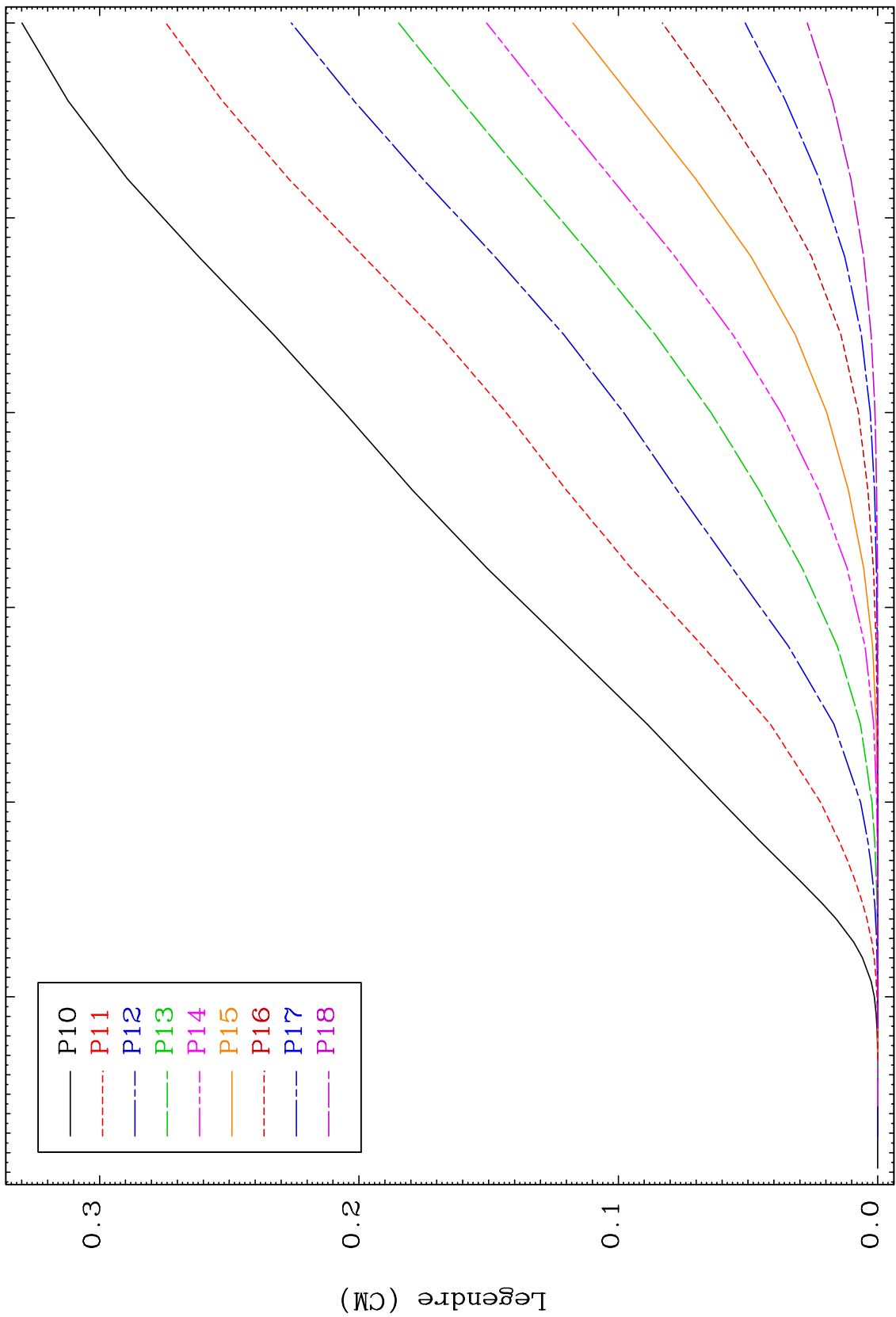
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



17

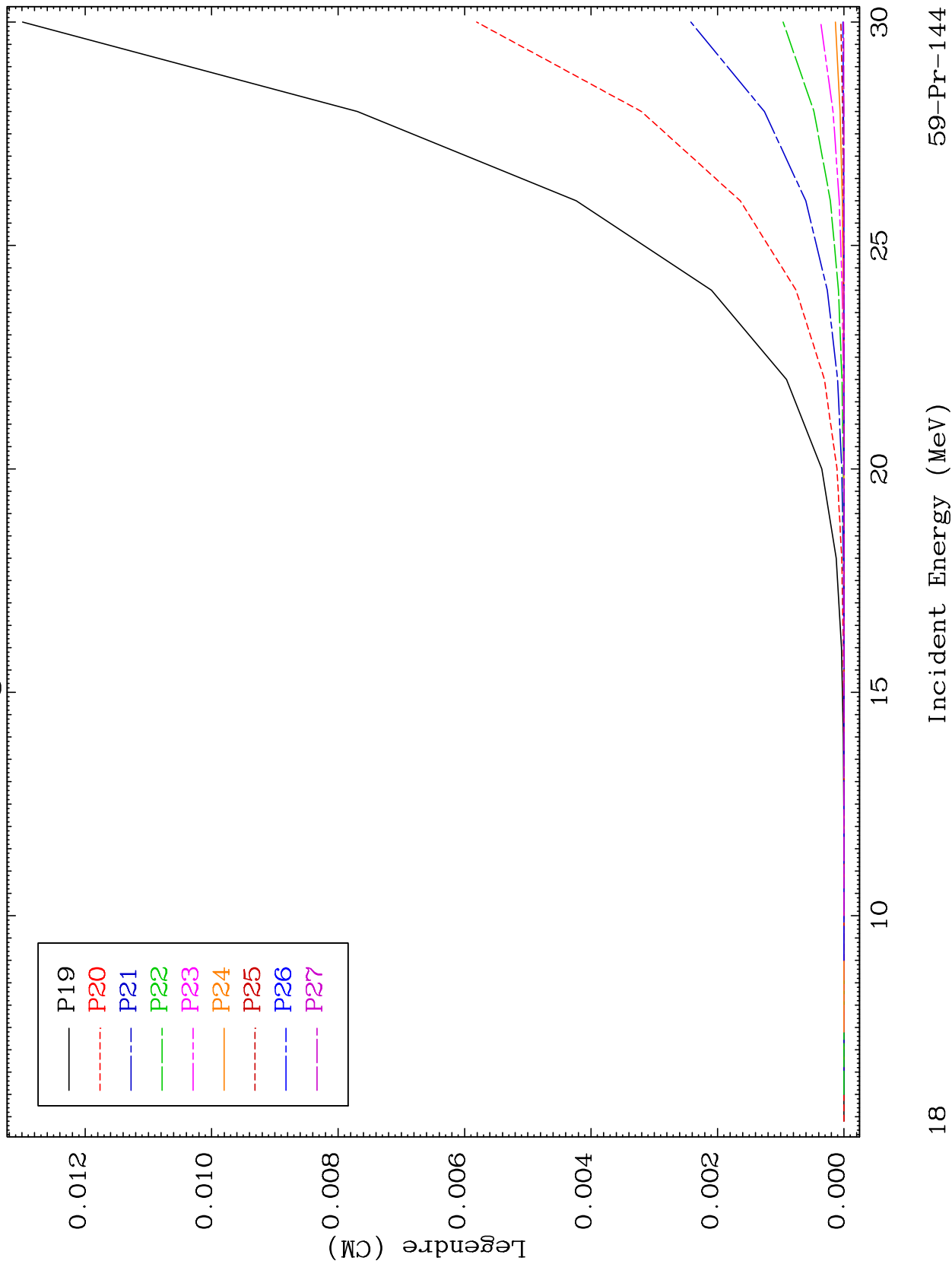
59-Pr-144

Incident Energy (MeV)

MAT 5934

Elastic Legendre Coefficients

59-Pr-144



18

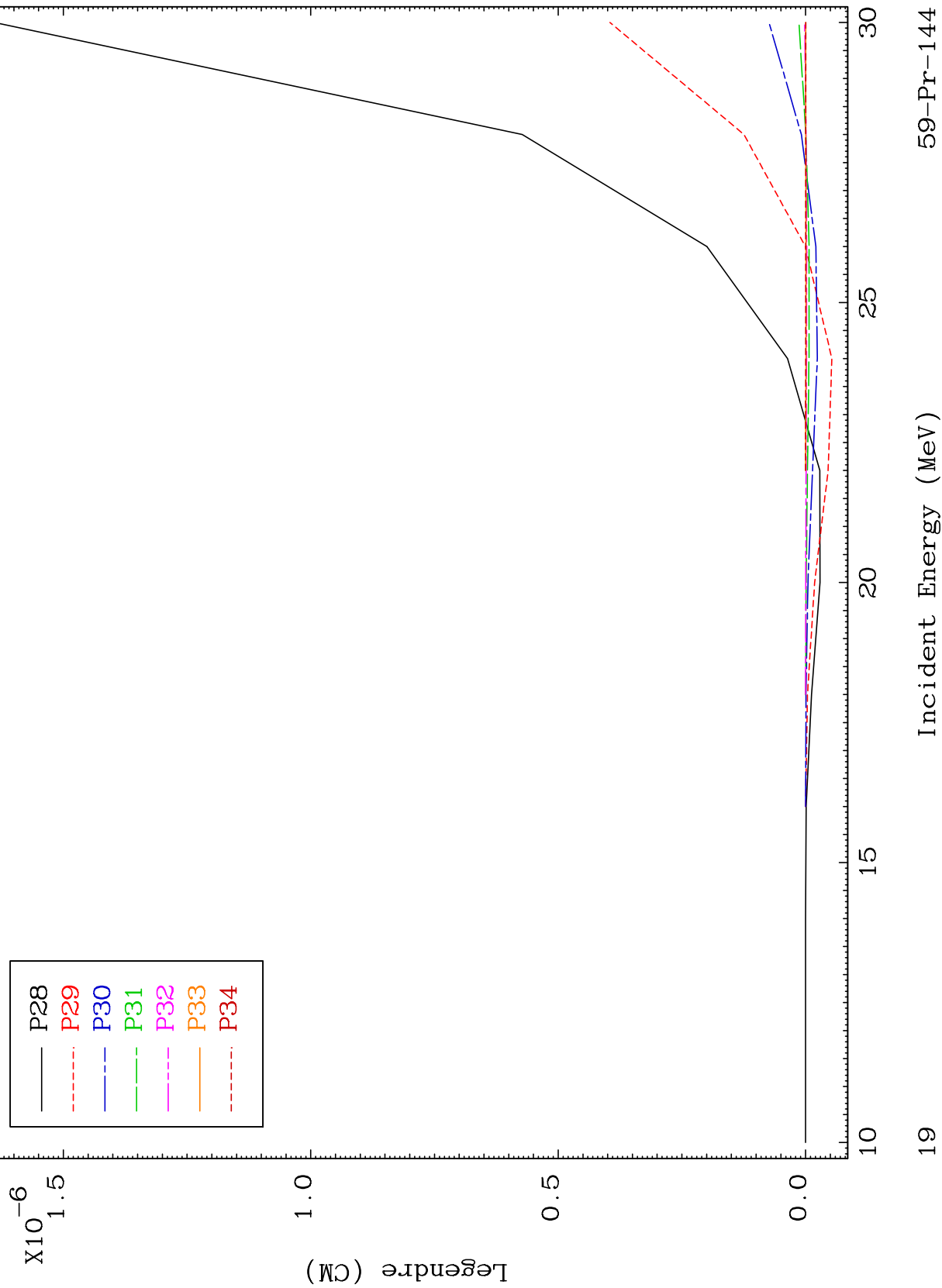
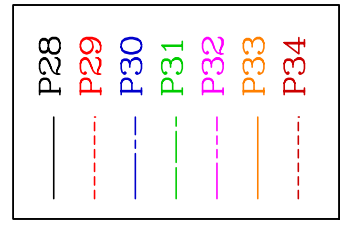
Incident Energy (MeV)

59-Pr-144

MAT 5934

Elastic Legendre Coefficients

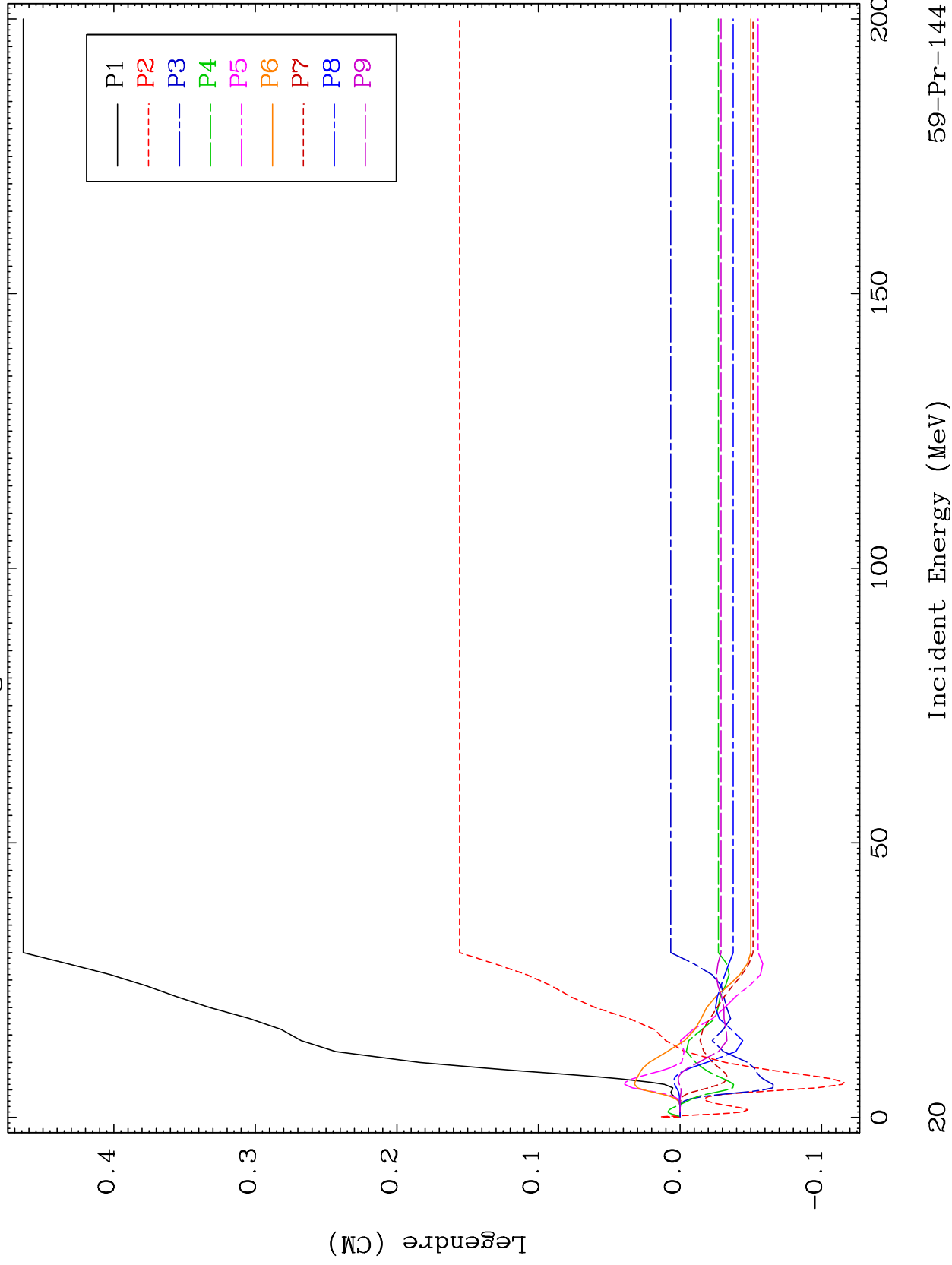
59-Pr-144



MAT 5934

59.03 keV (n,n') Level
Legendre Coefficients

59-Pr-144

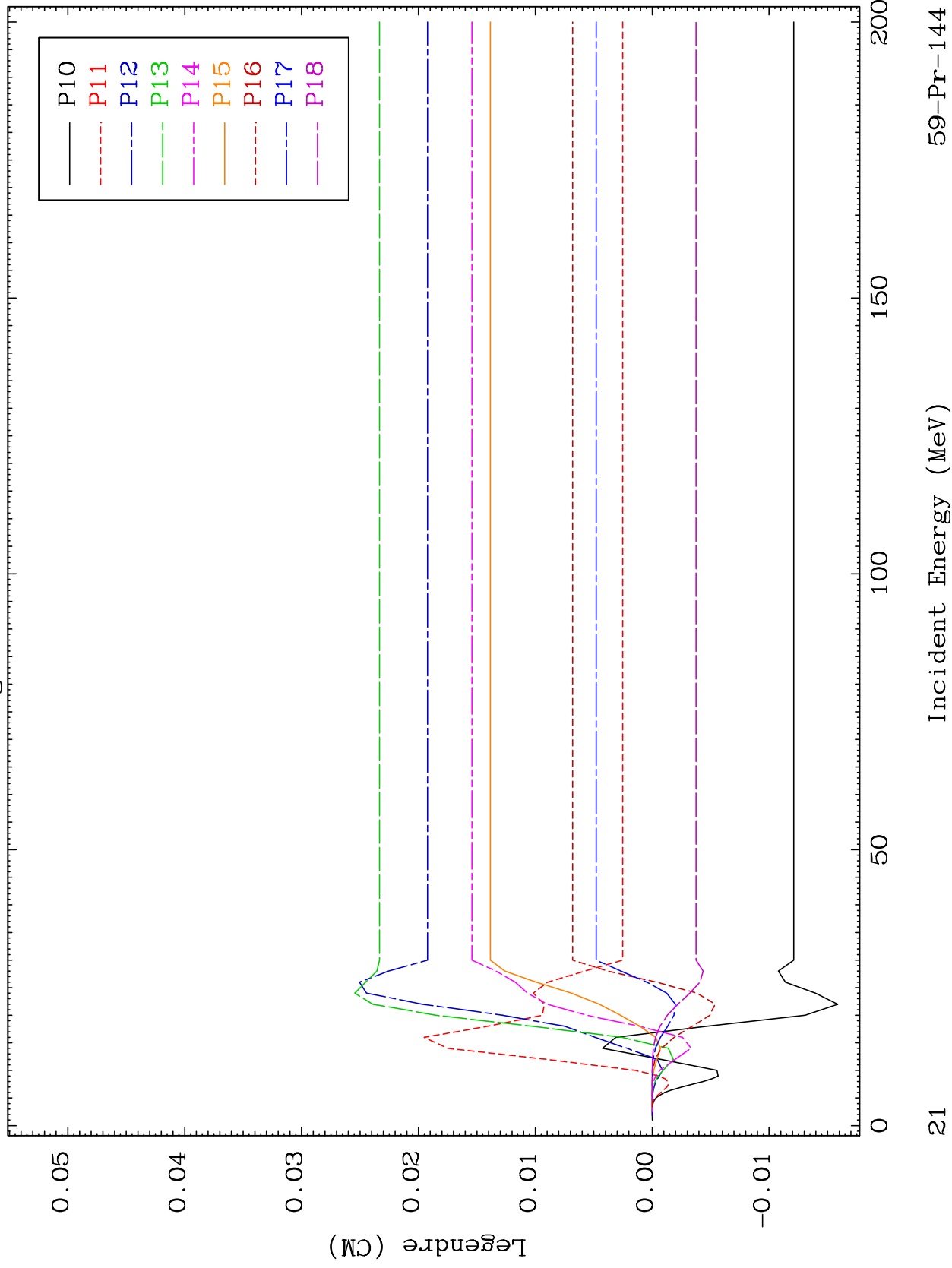


59-Pr-144

MAT 5934

59.03 keV (n,n') Level
Legendre Coefficients

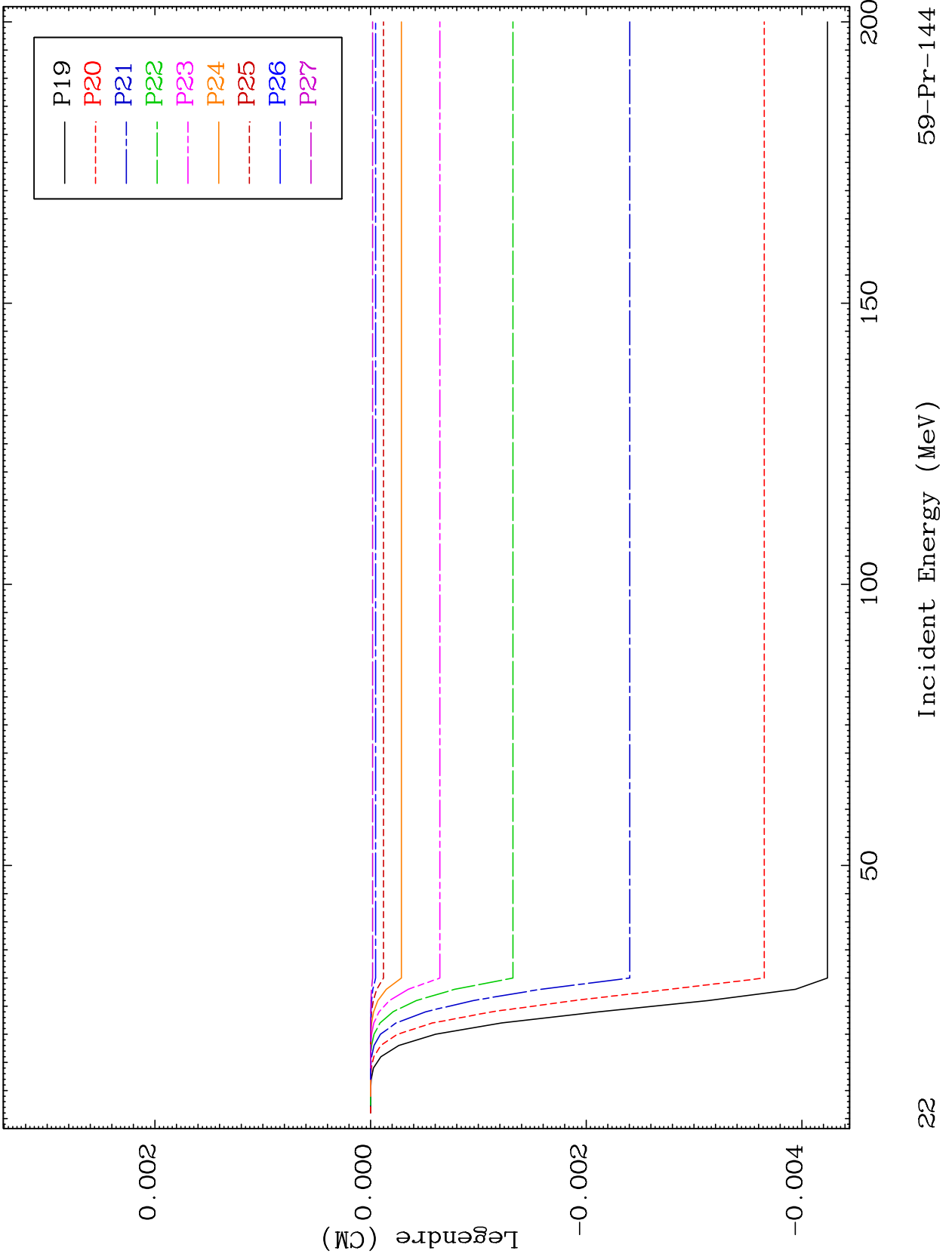
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MAT 5934

59.03 keV (n,n') Level
Legendre Coefficients

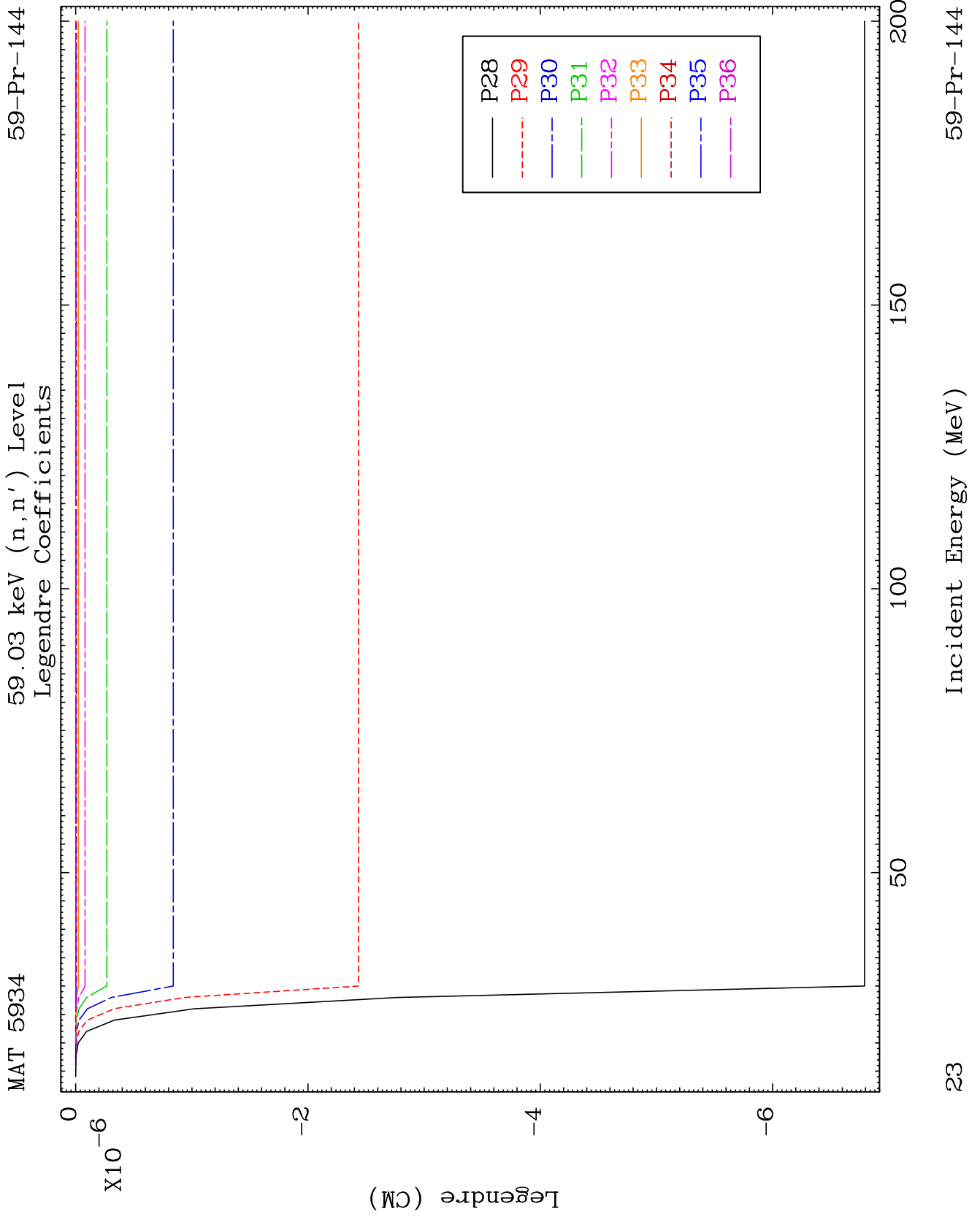
59-Pr-144



22

Incident Energy (MeV)

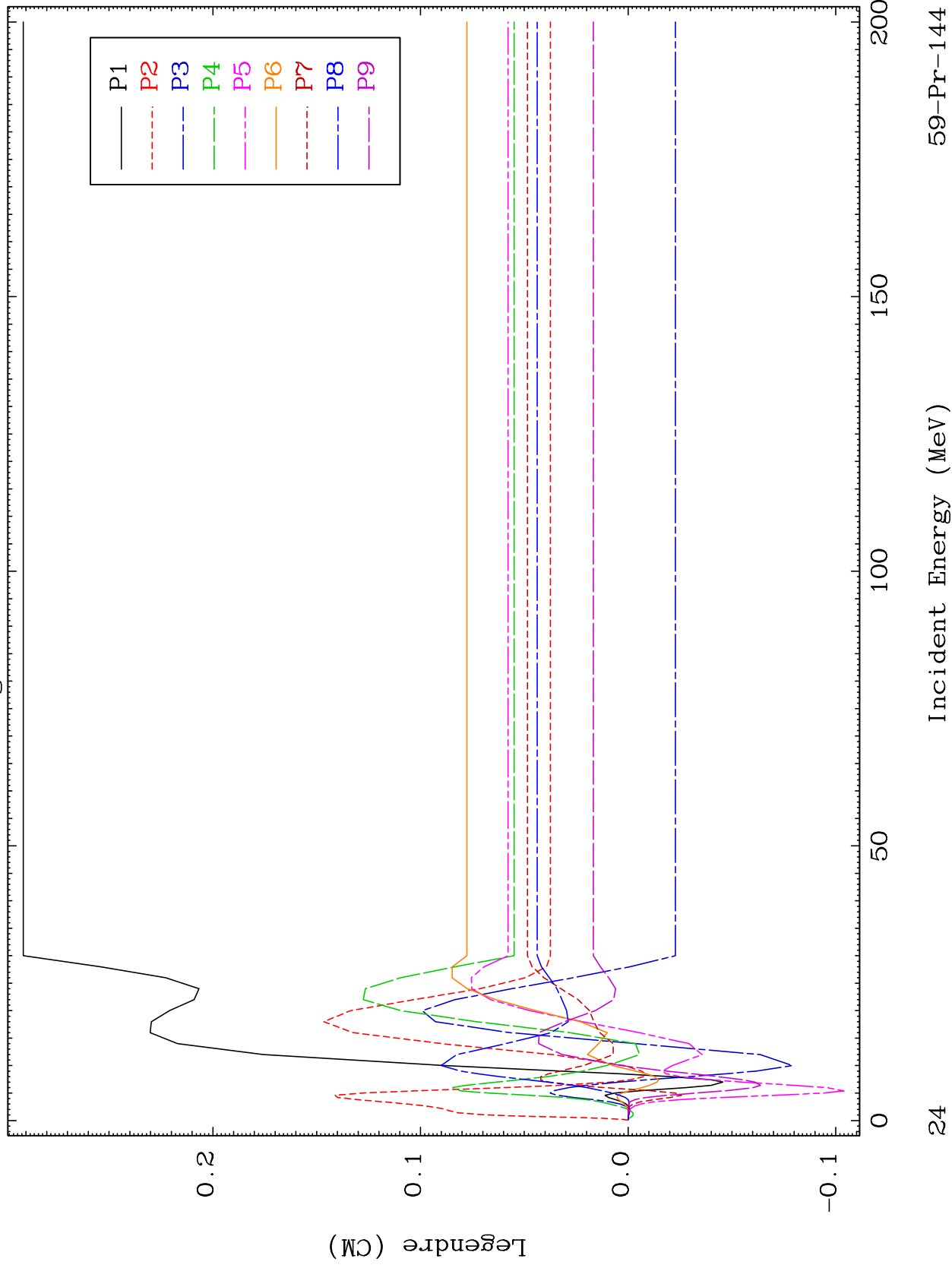
59-Pr-144



MAT 5934

80.12 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

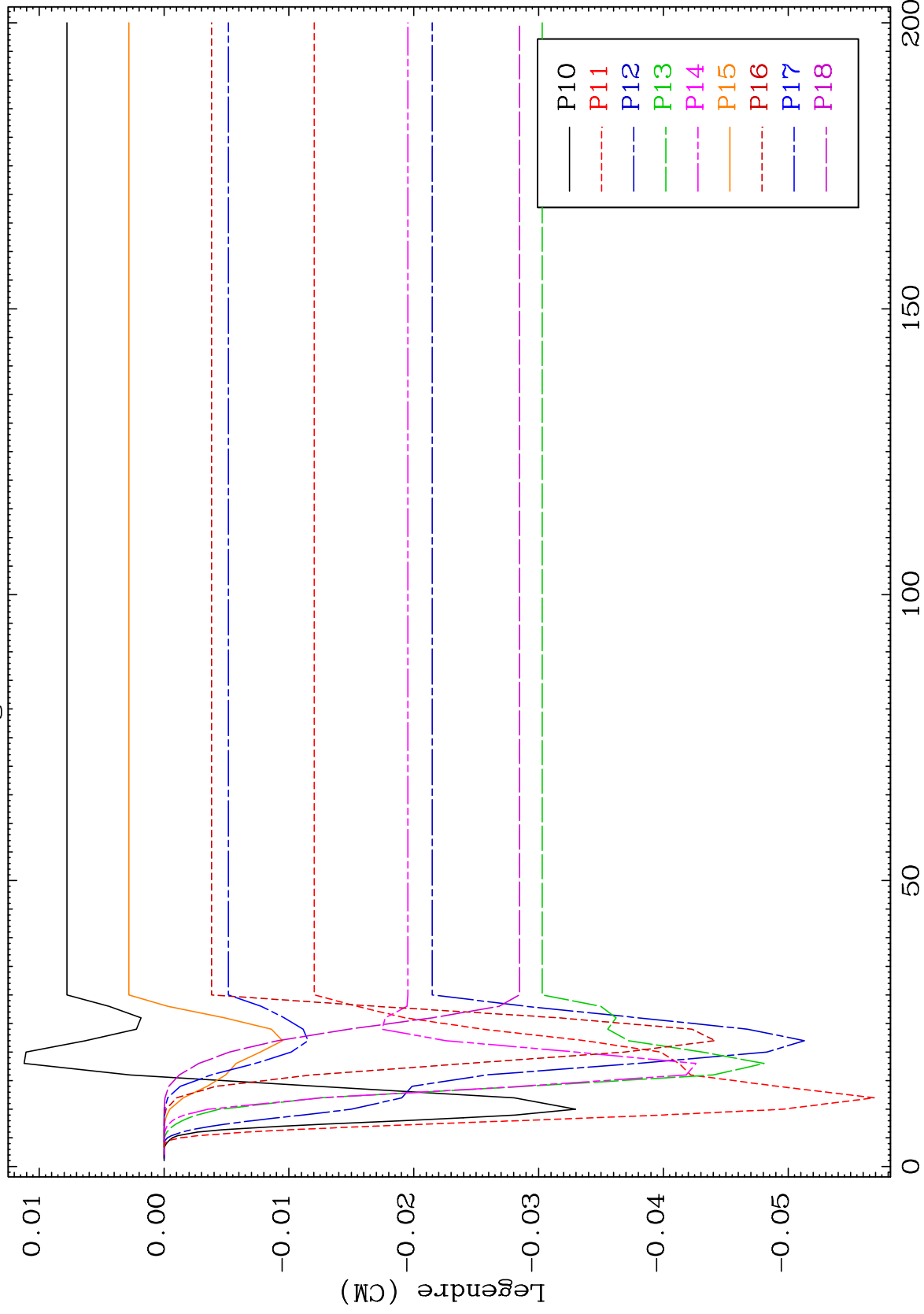
Incident Energy (MeV)

24

MAT 5934

80.12 keV (n,n') Level
Legendre Coefficients

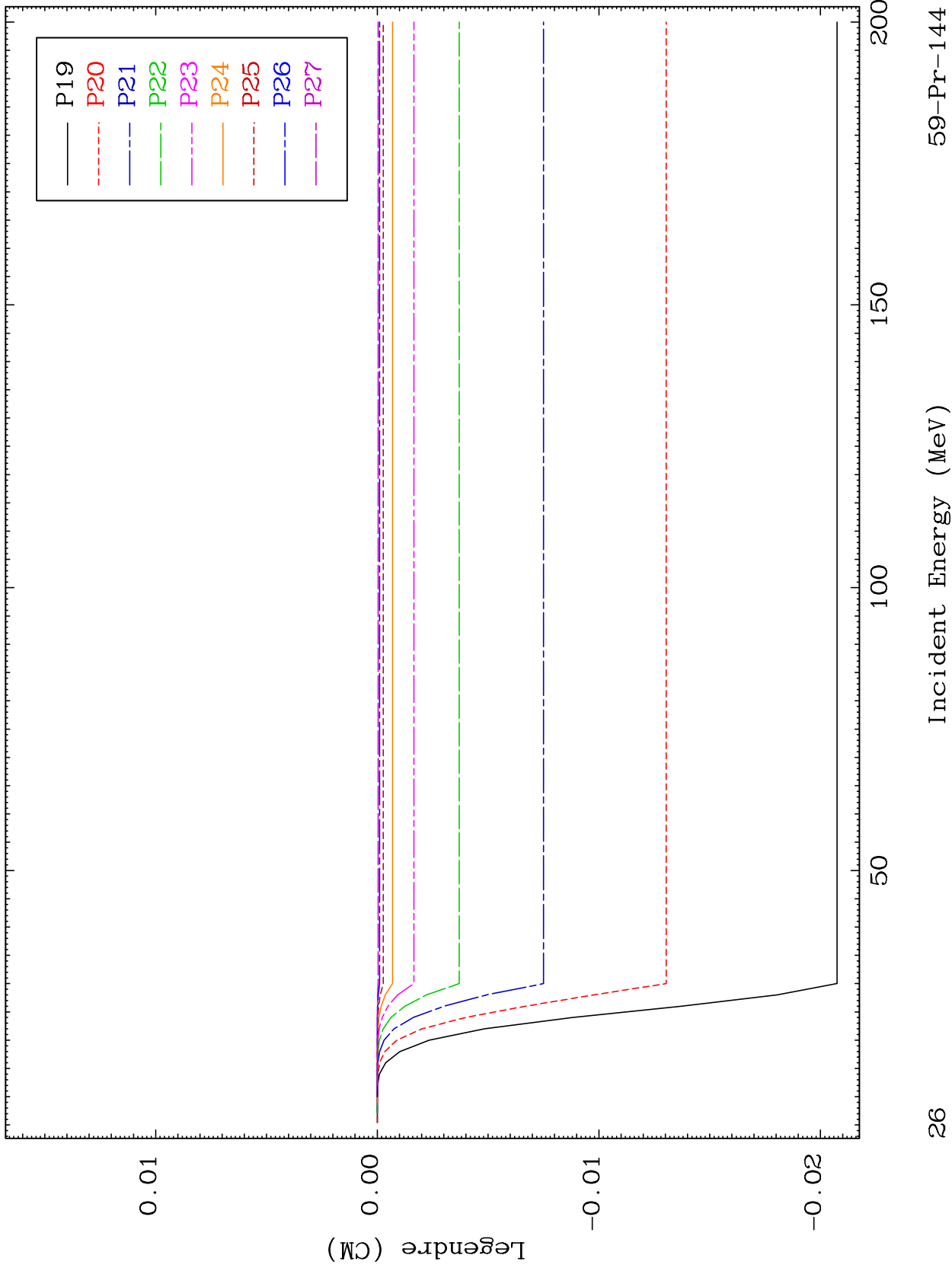
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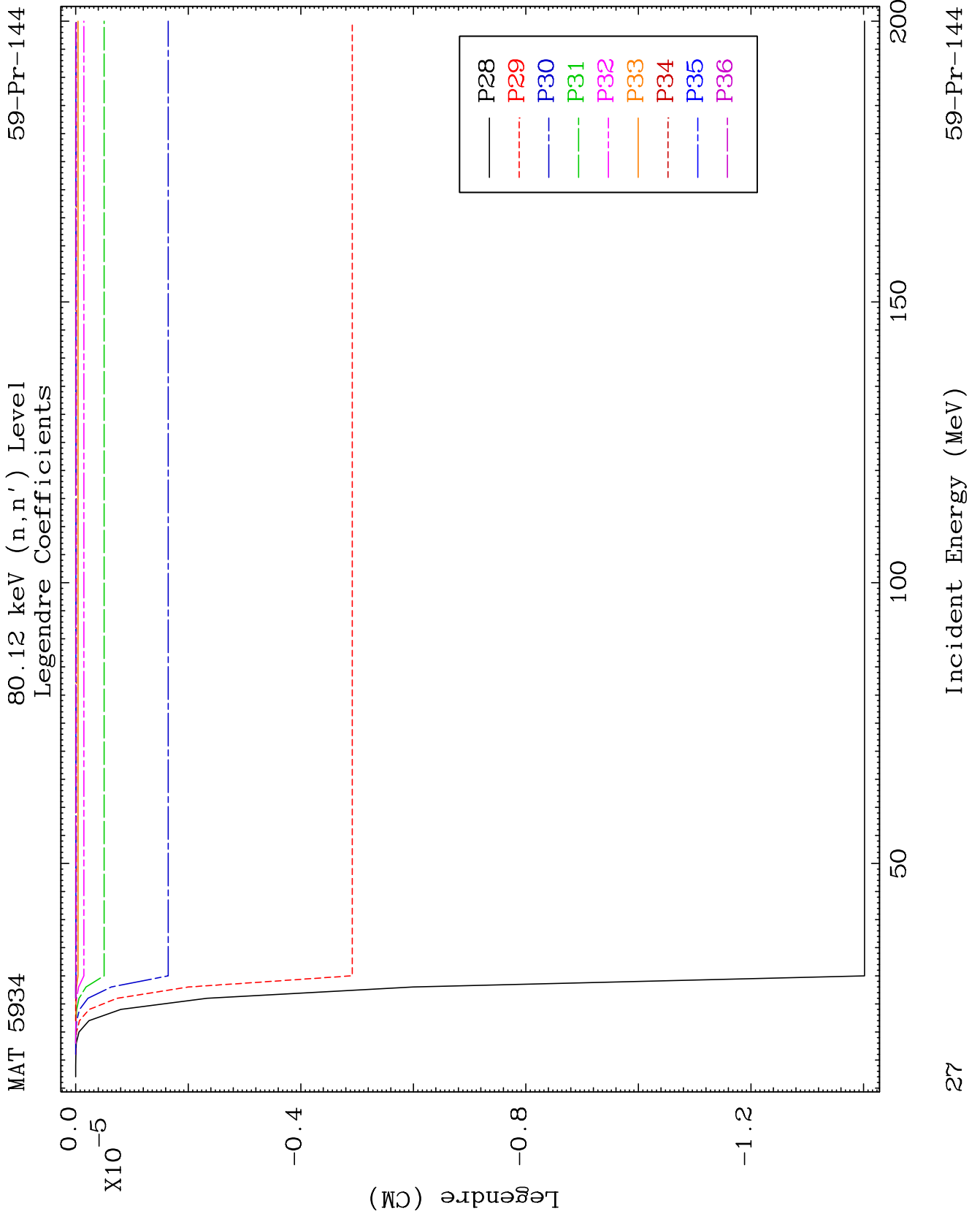


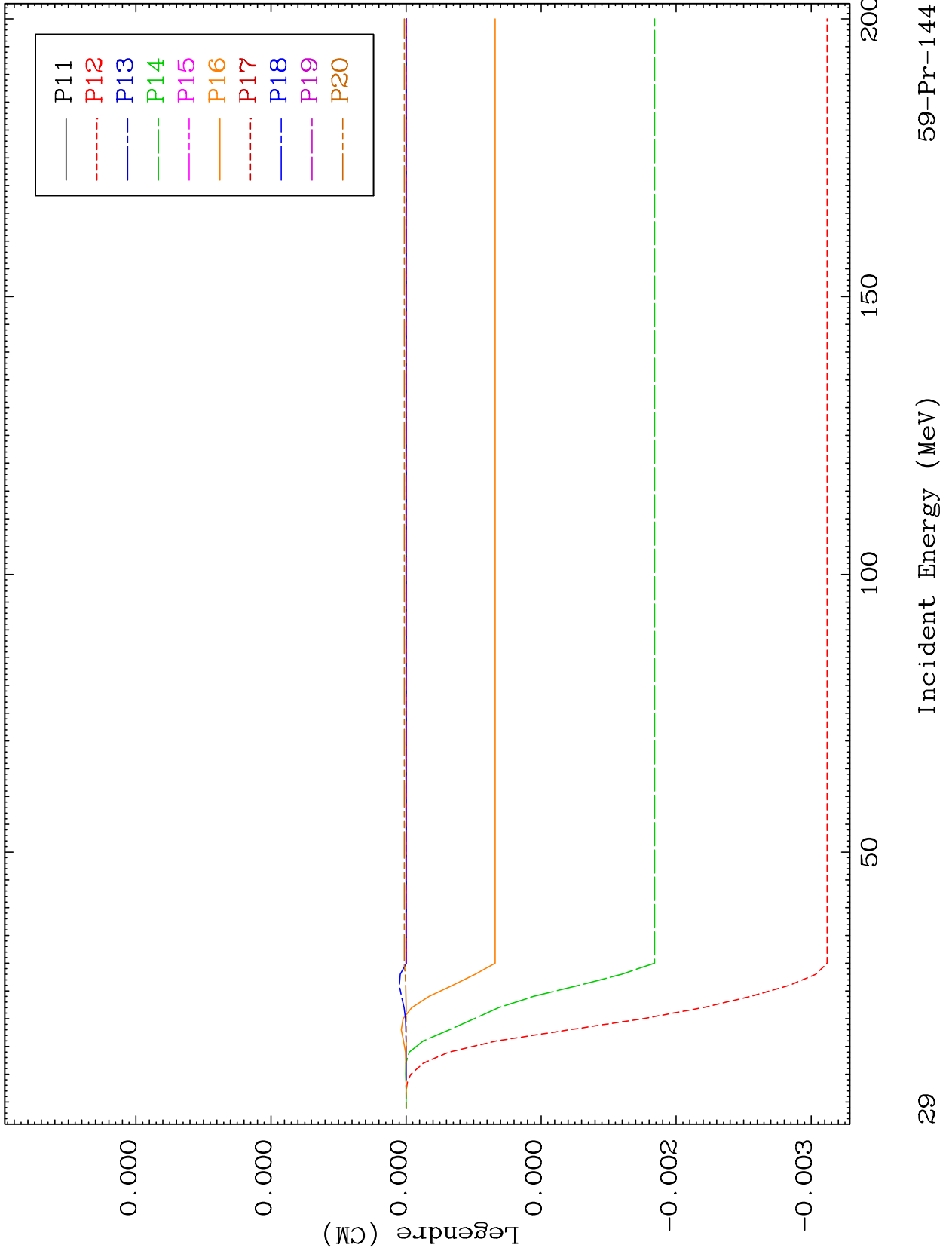
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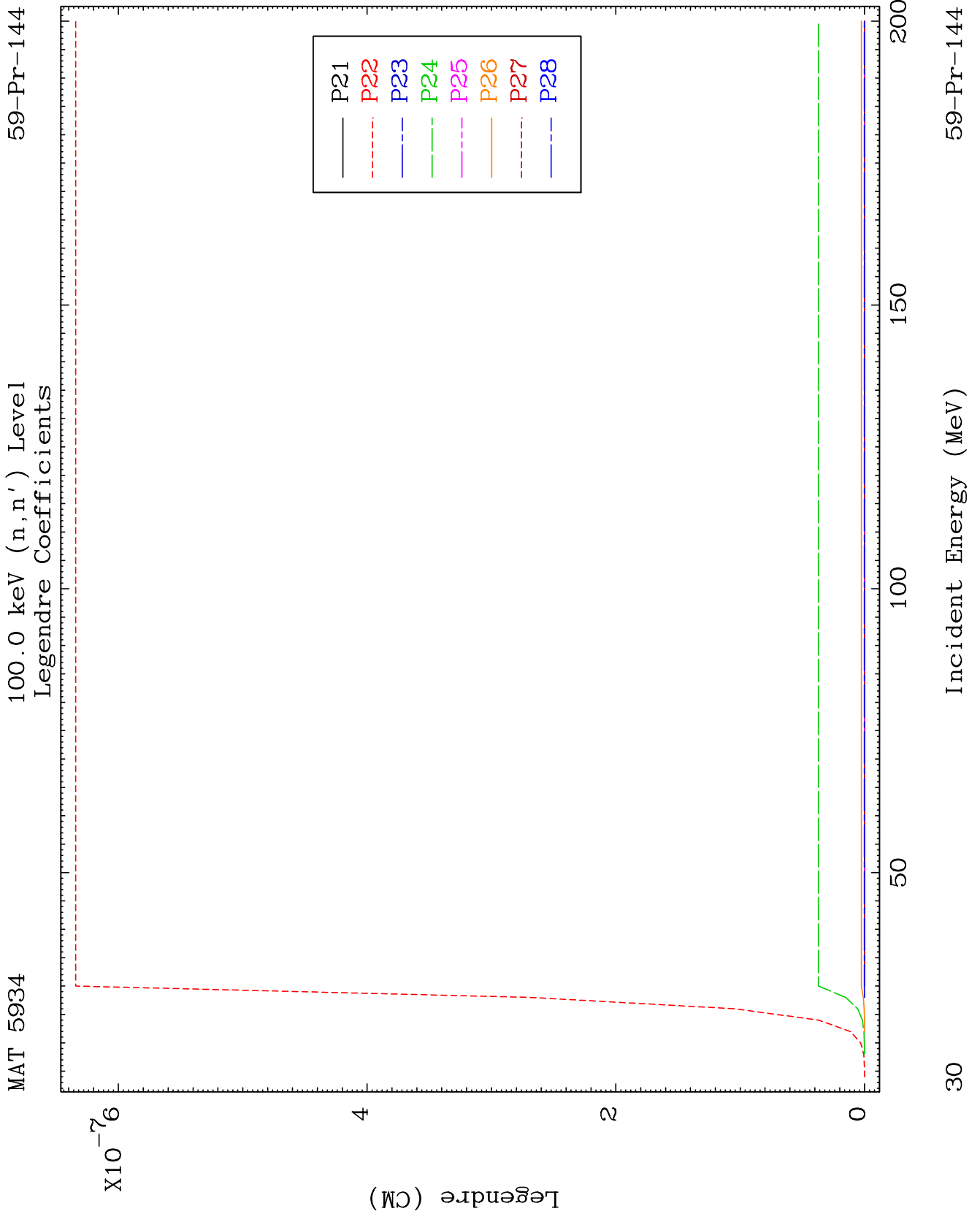
Incident Energy (MeV)

59-Pr-144





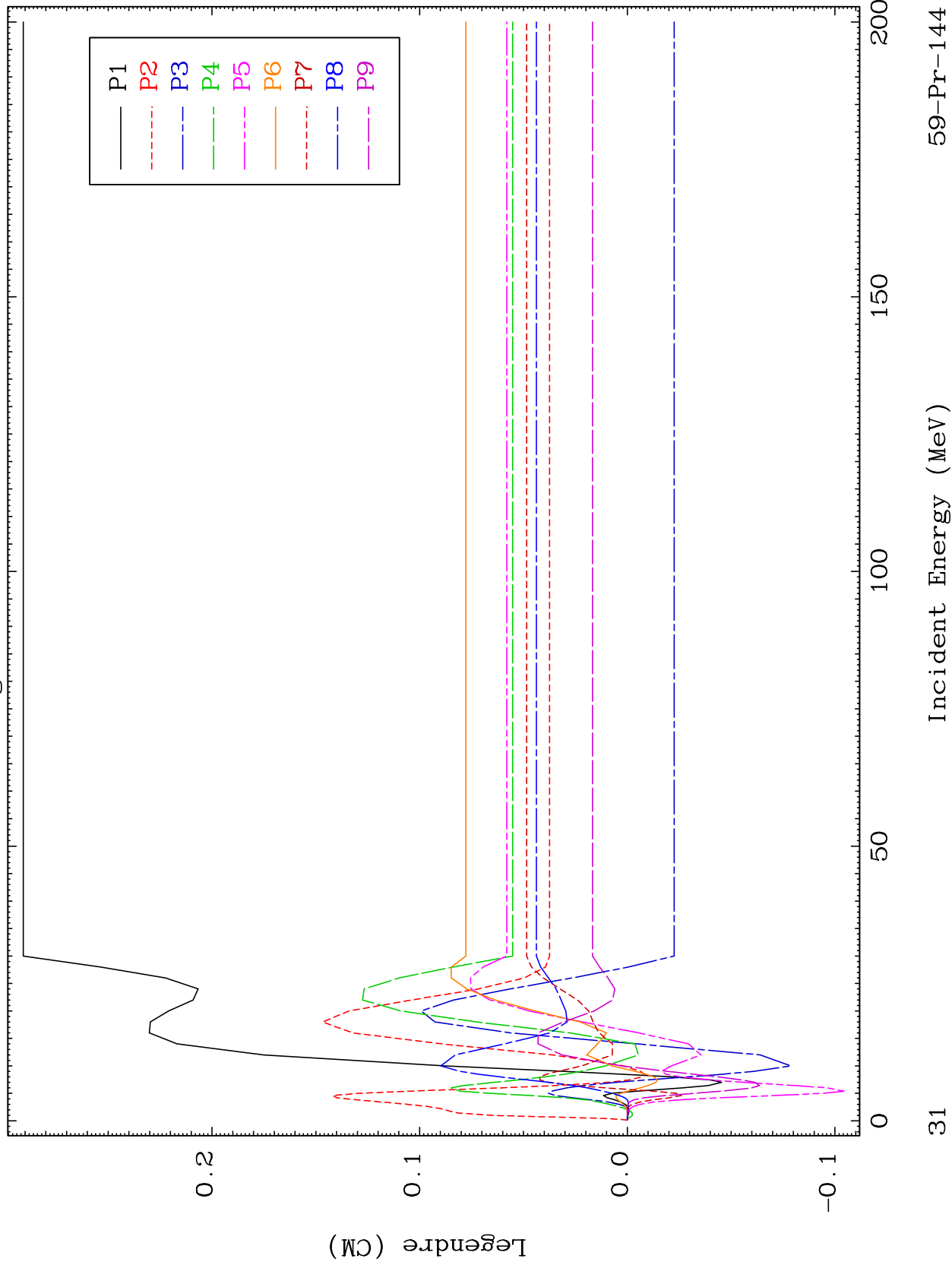




MAT 5934

133.5 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

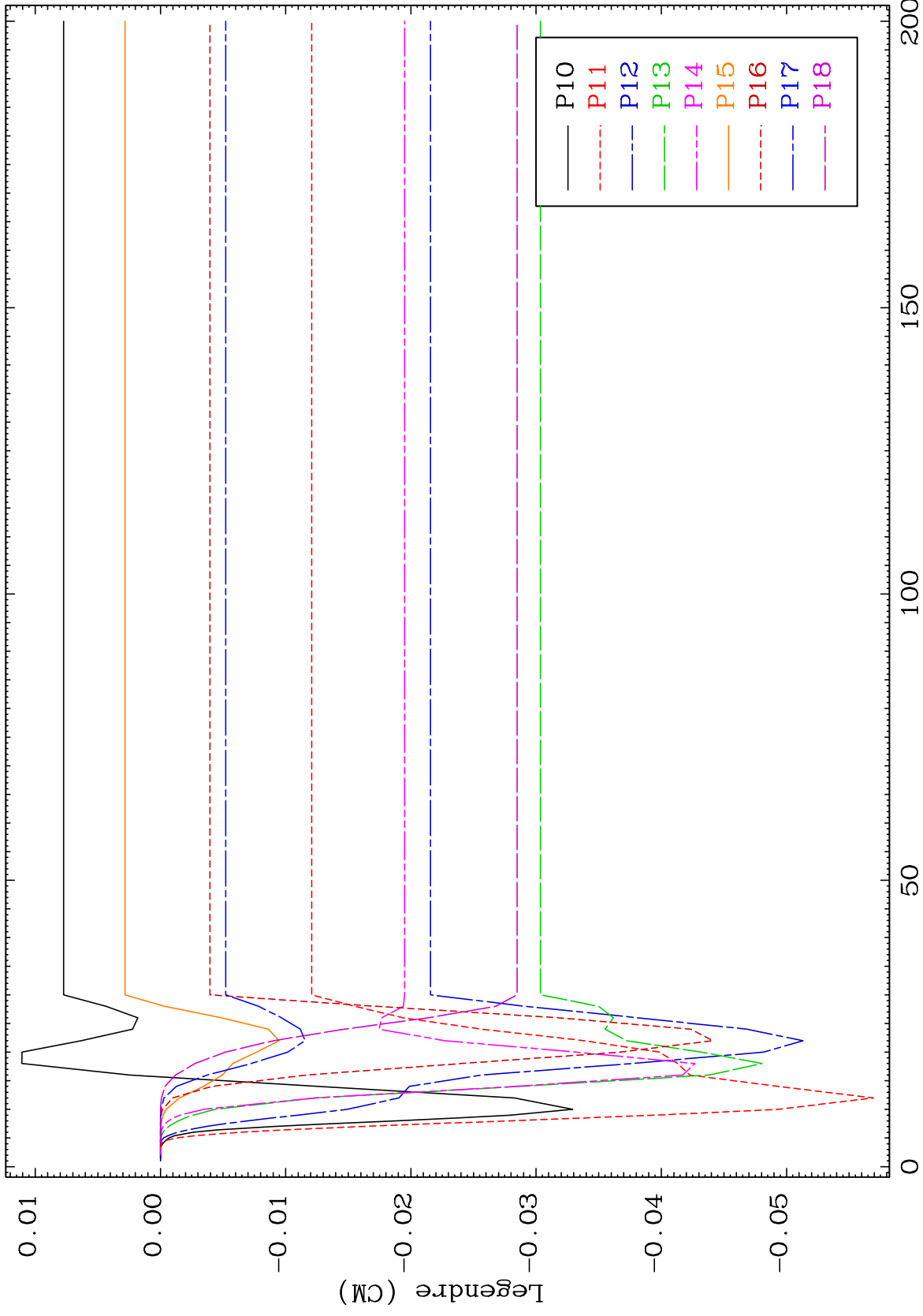
Incident Energy (MeV)

31

MAT 5934

133.5 keV (n,n') Level
Legendre Coefficients

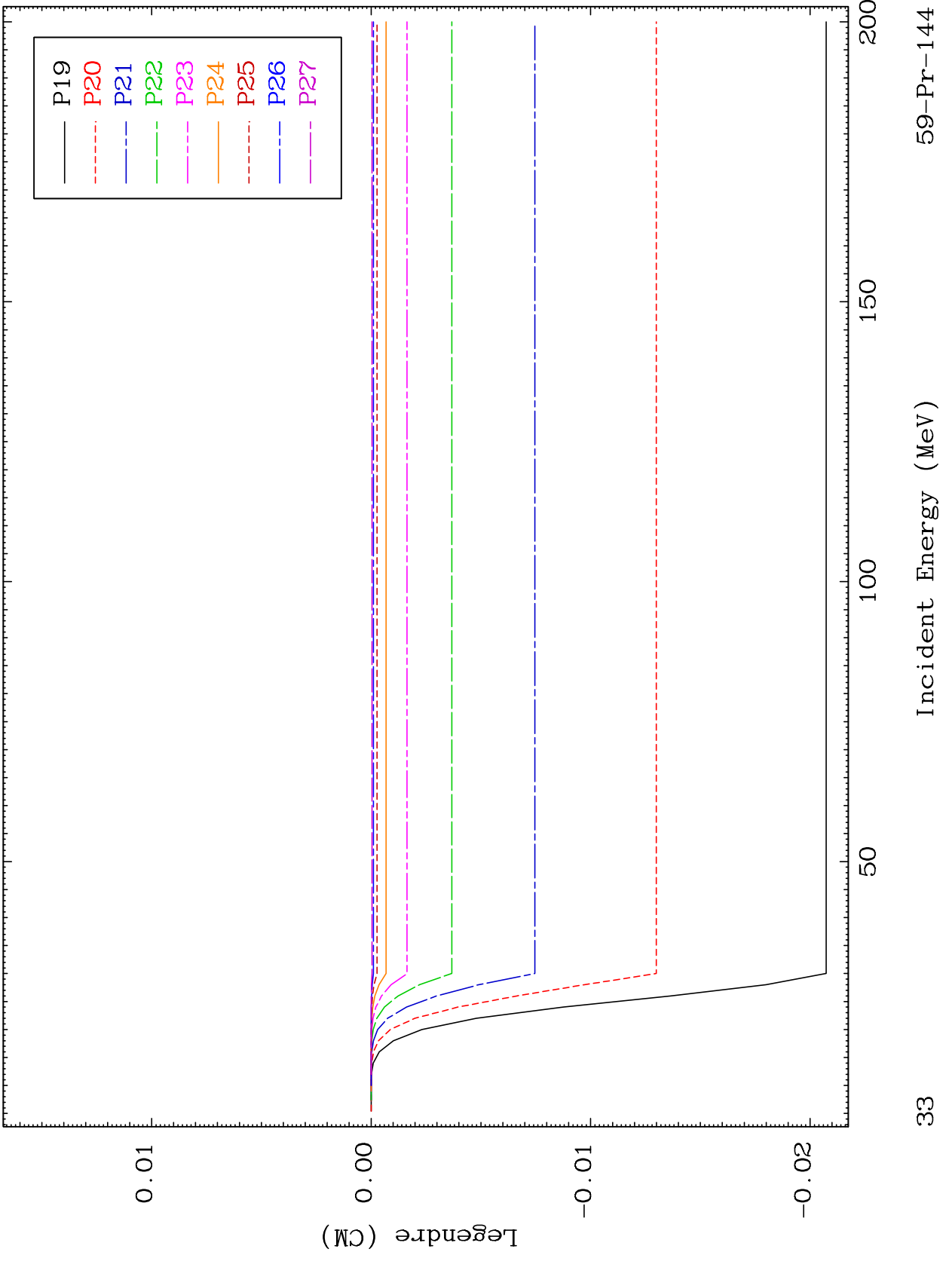
59-Pr-144



32

Incident Energy (MeV)

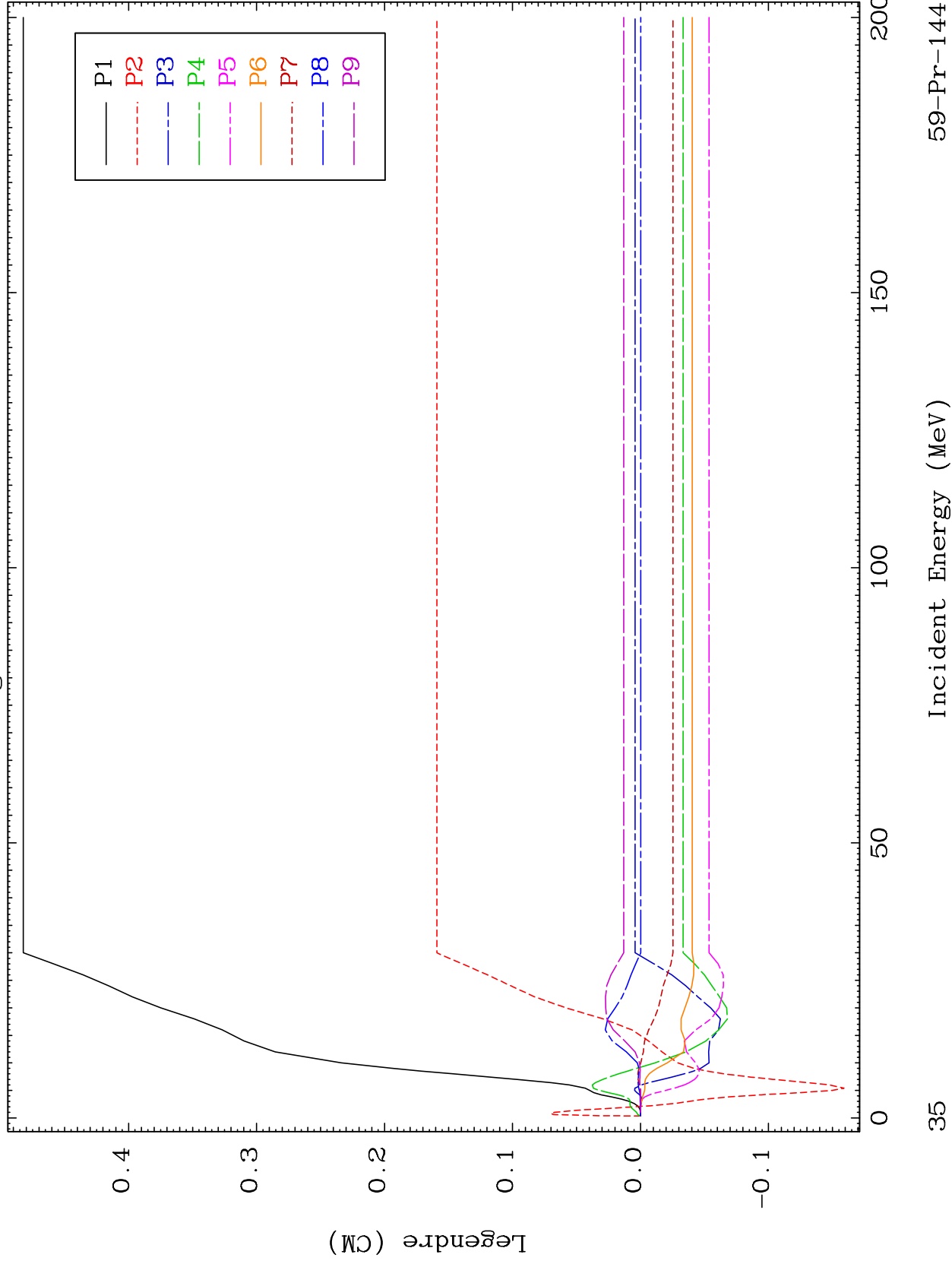
59-Pr-144



MAT 5934

338.9 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

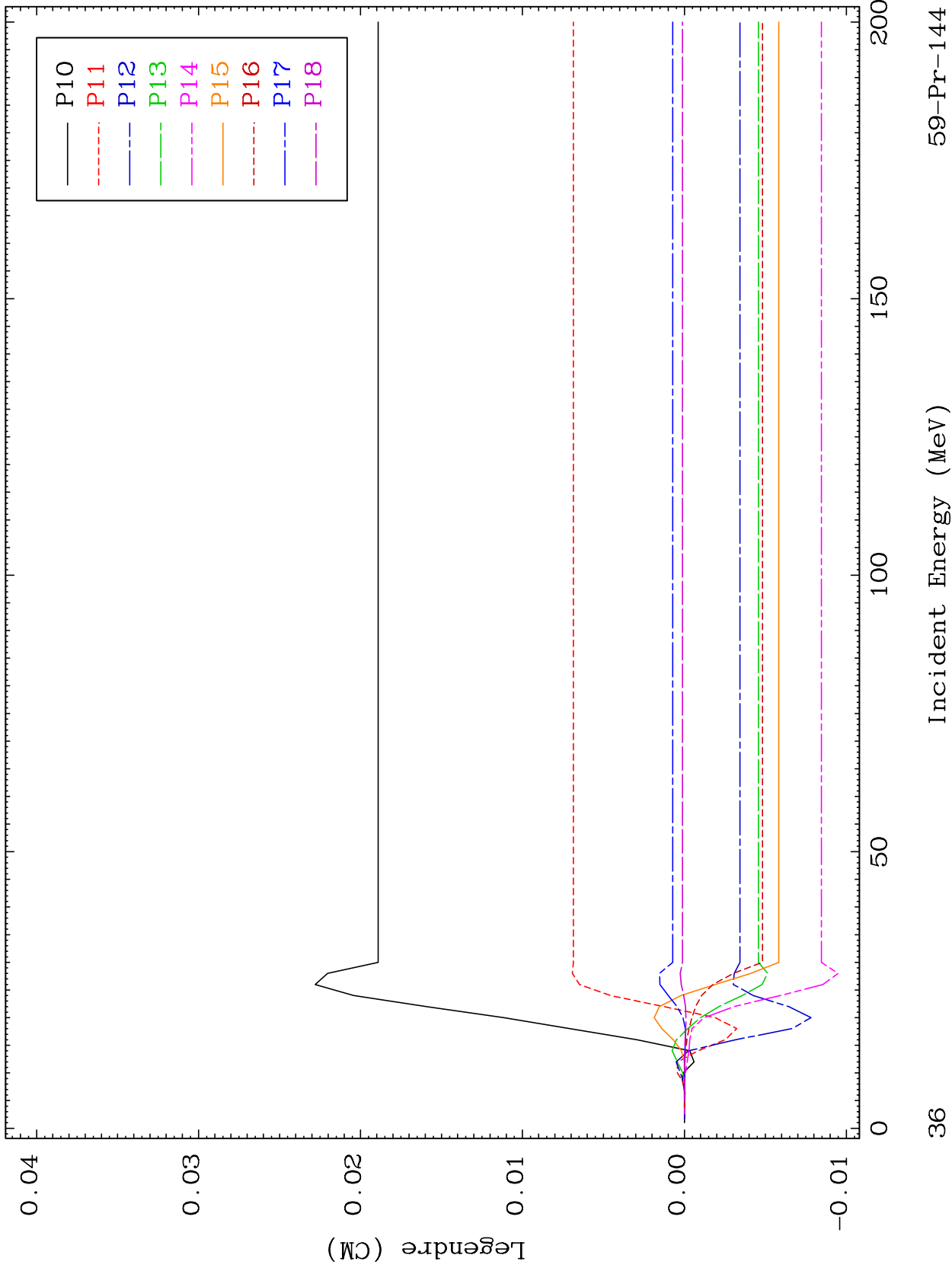
Incident Energy (MeV)

35

MAT 5934

338.9 keV (n,n') Level
Legendre Coefficients

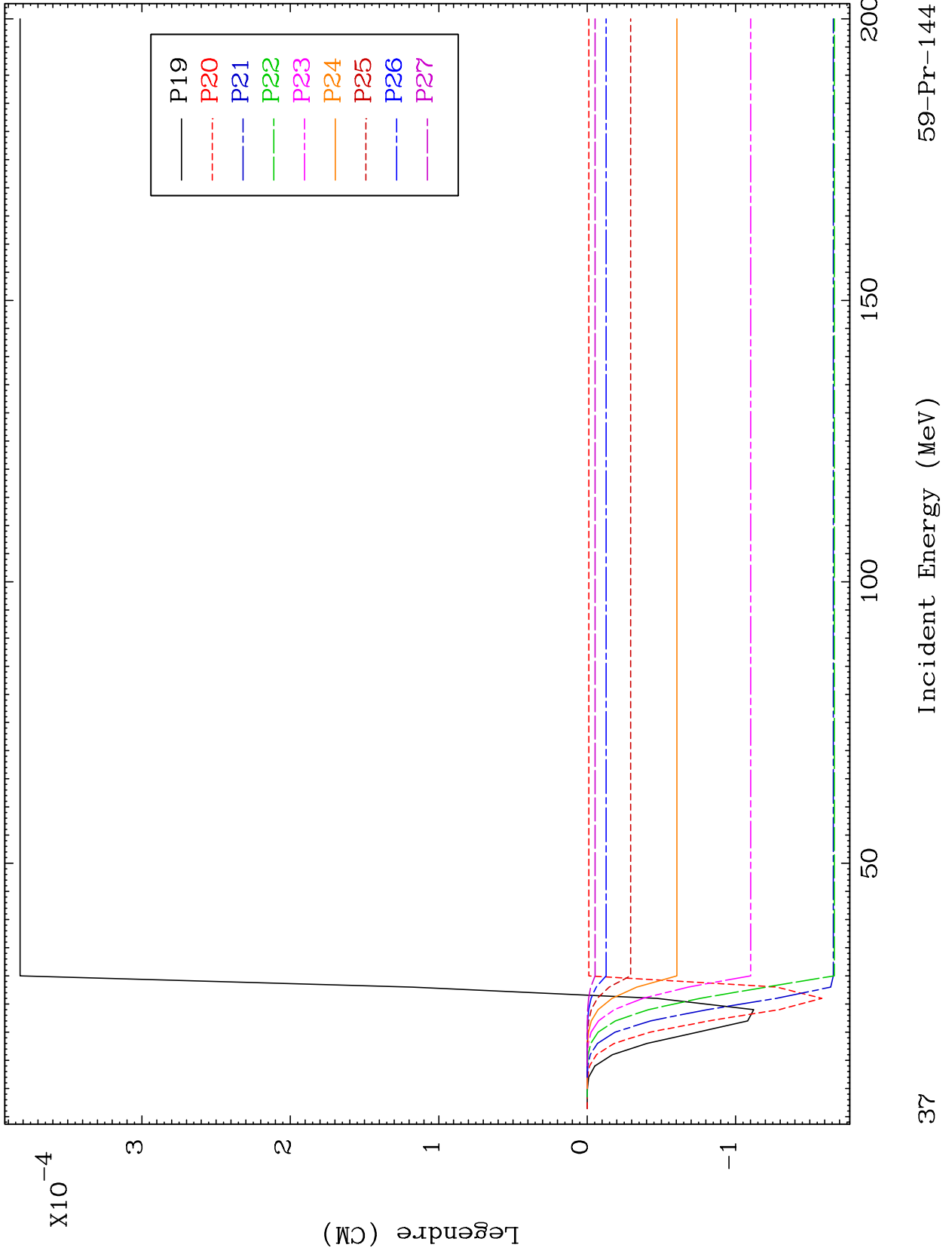
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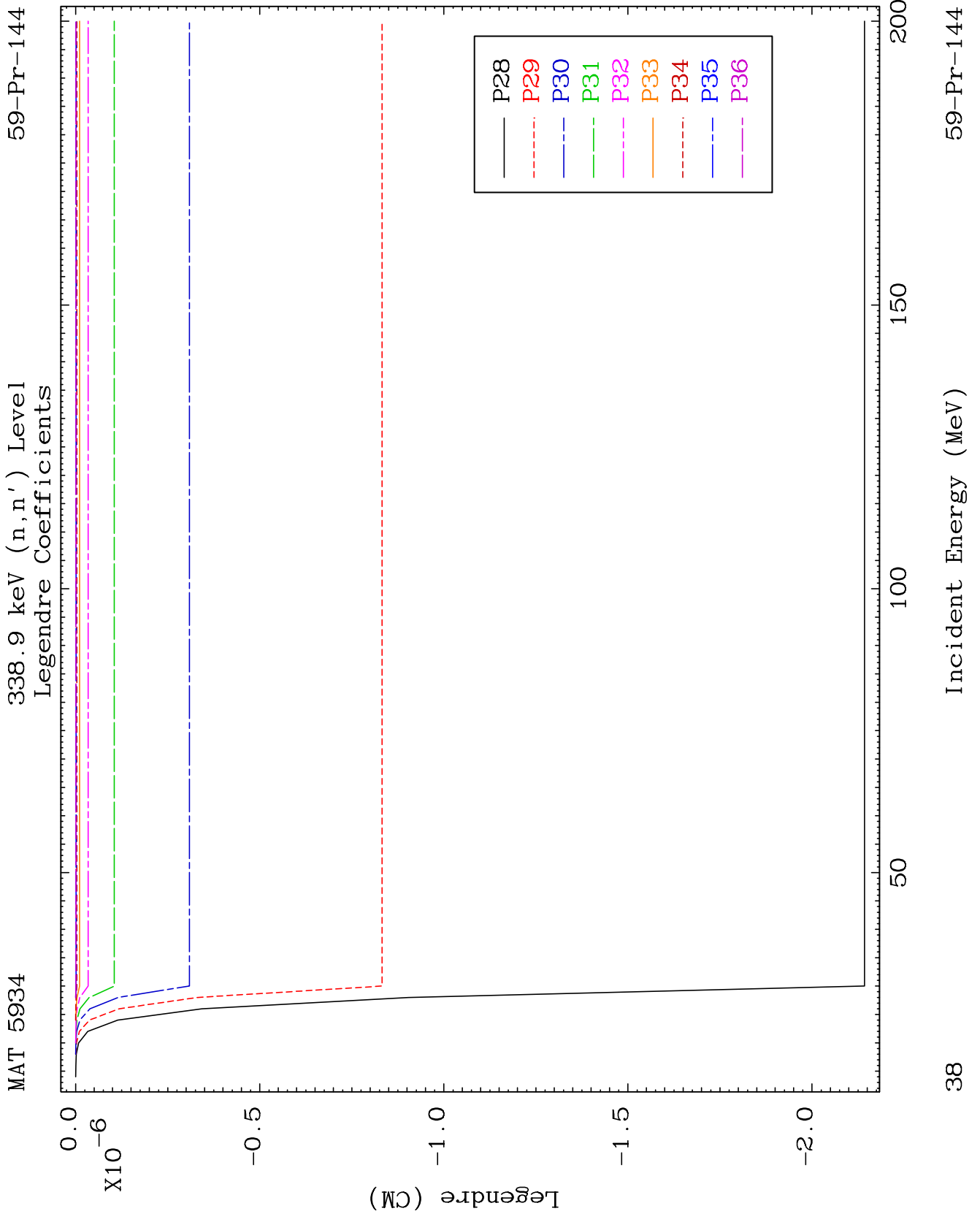


59-Pr-144

Incident Energy (MeV)

36

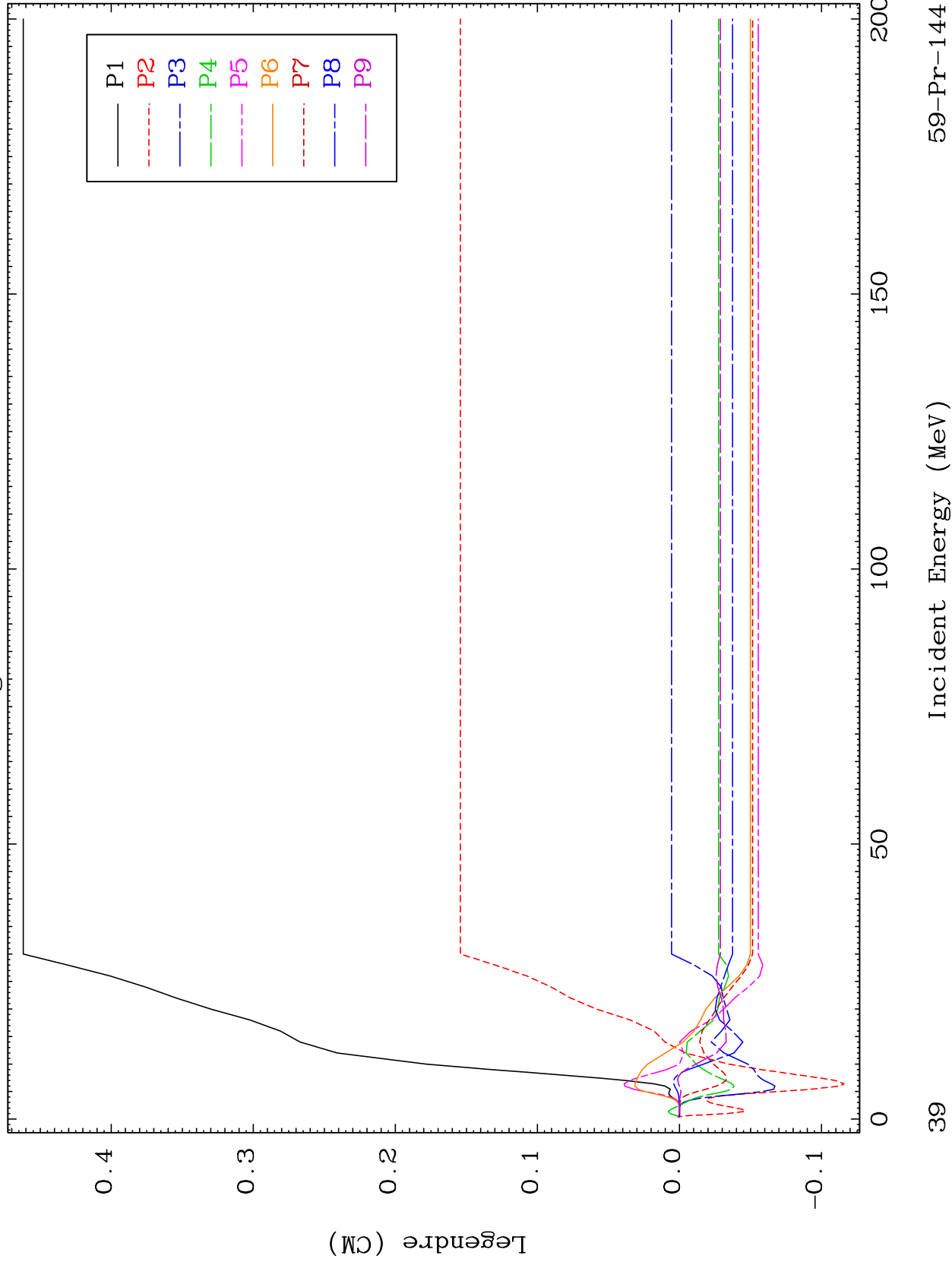




MAT 5934

349.8 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

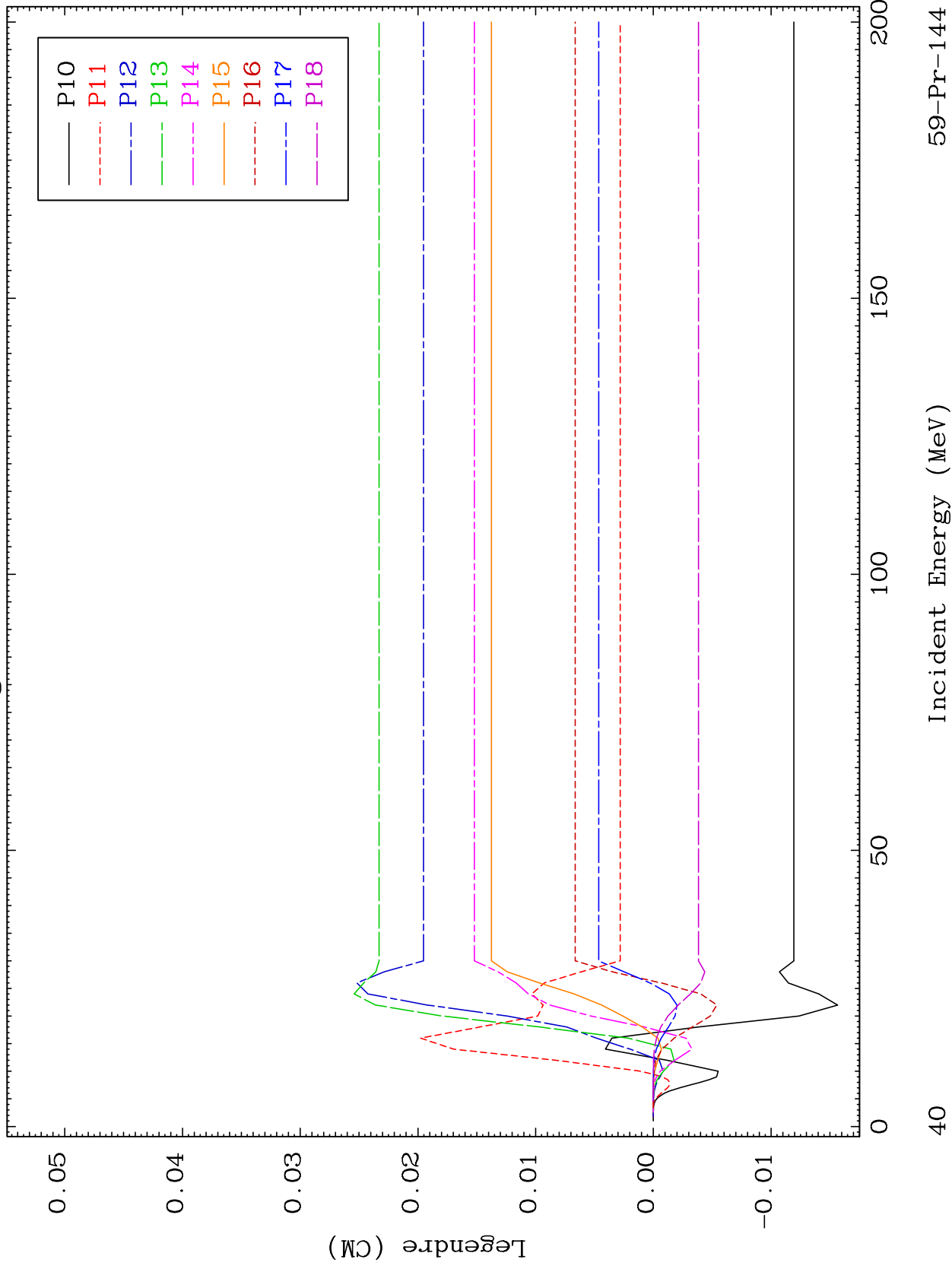
Incident Energy (MeV)

39

MAT 5934

349.8 keV (n,n') Level
Legendre Coefficients

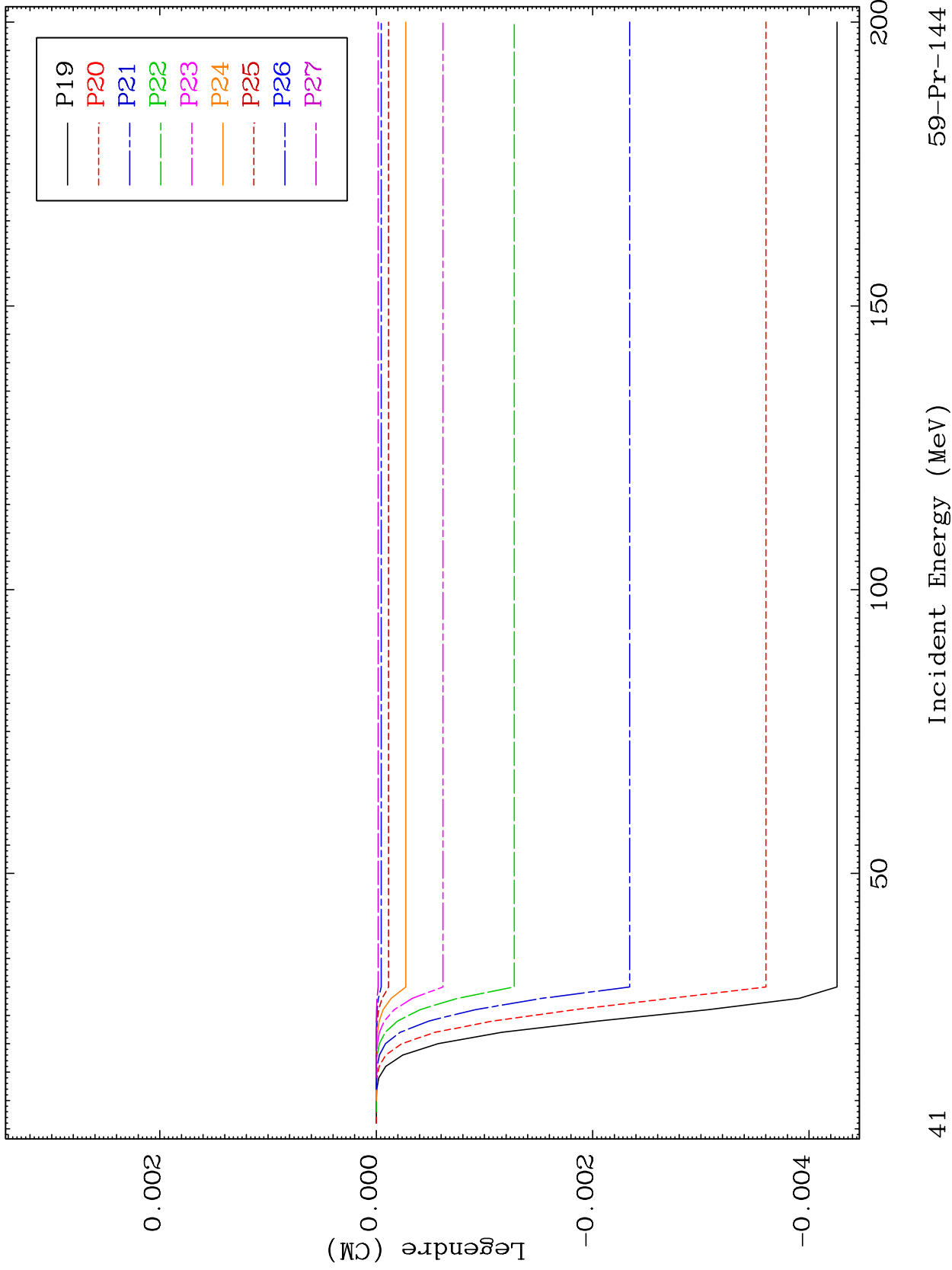
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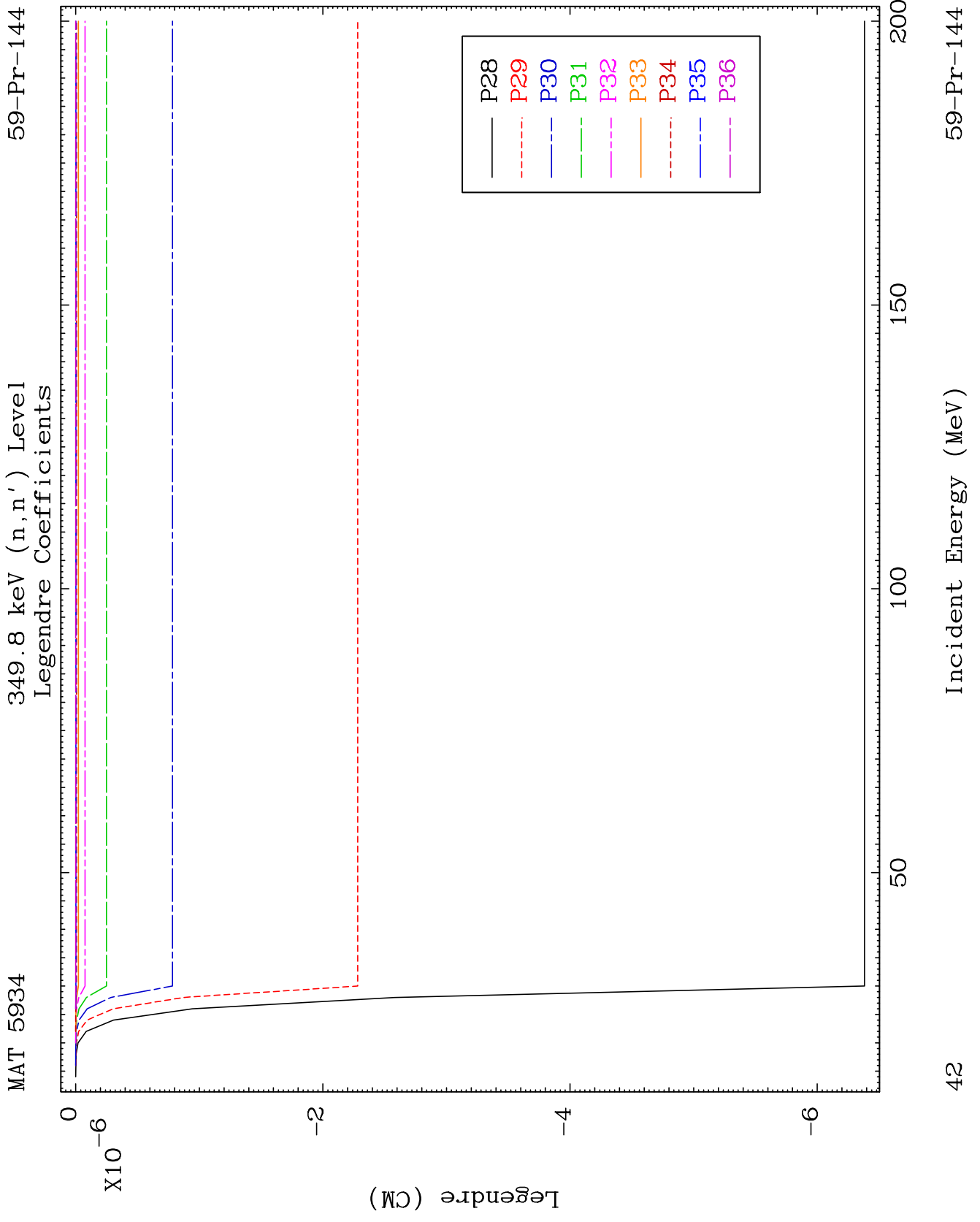


59-Pr-144

Incident Energy (MeV)

40

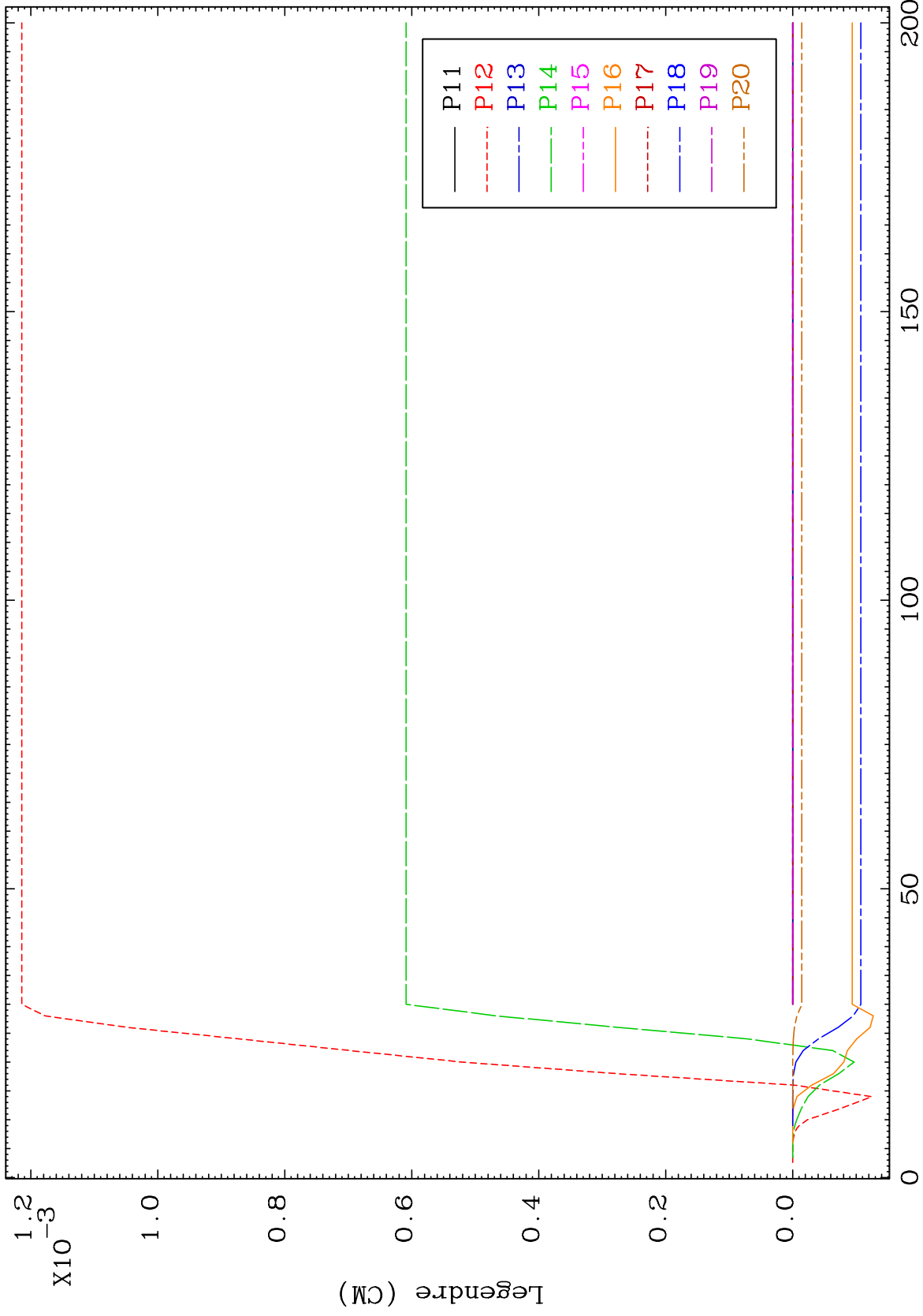




MAT 5934

416.3 keV (n,n') Level
Legendre Coefficients

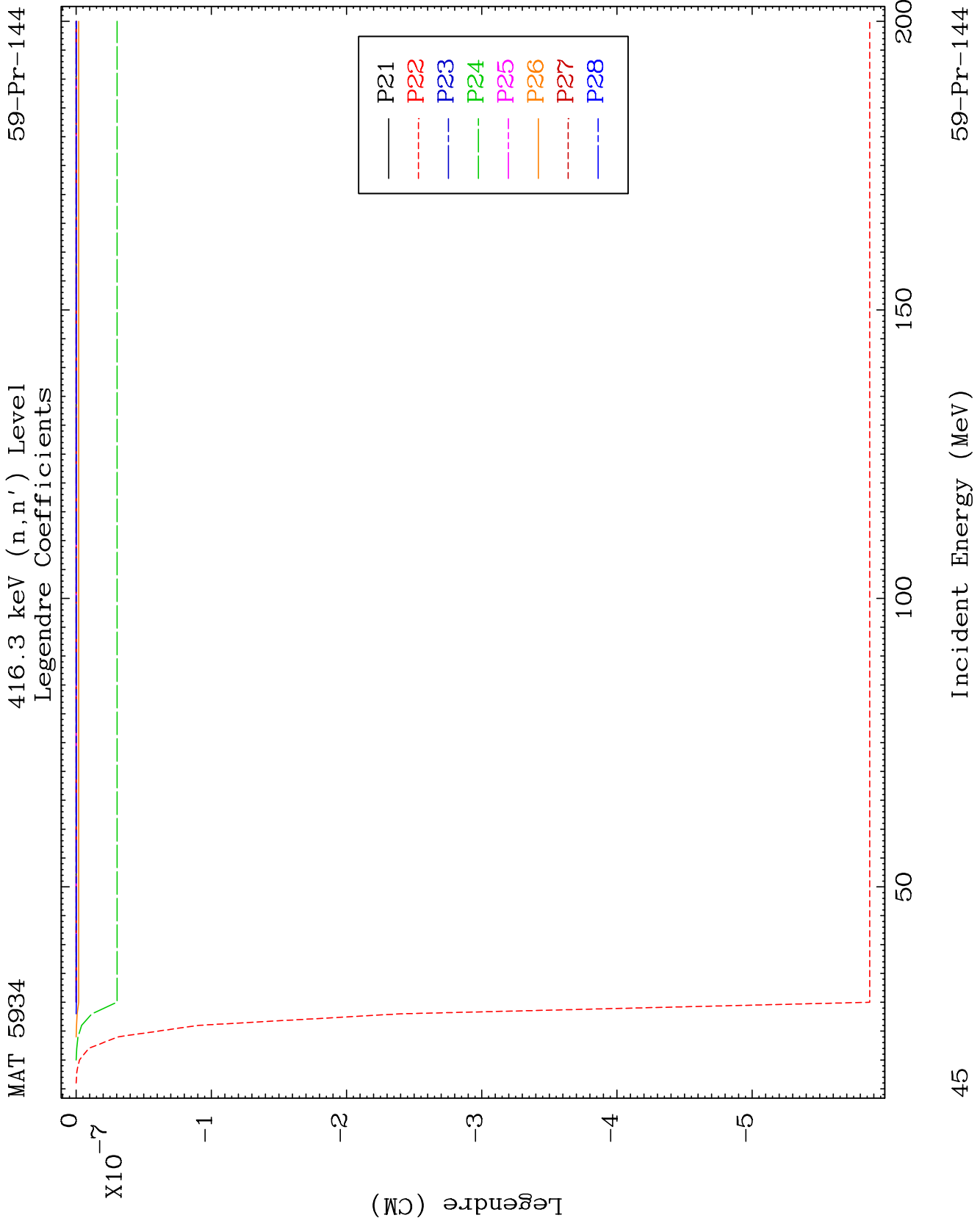
59-Pr-144



44

Incident Energy (MeV)

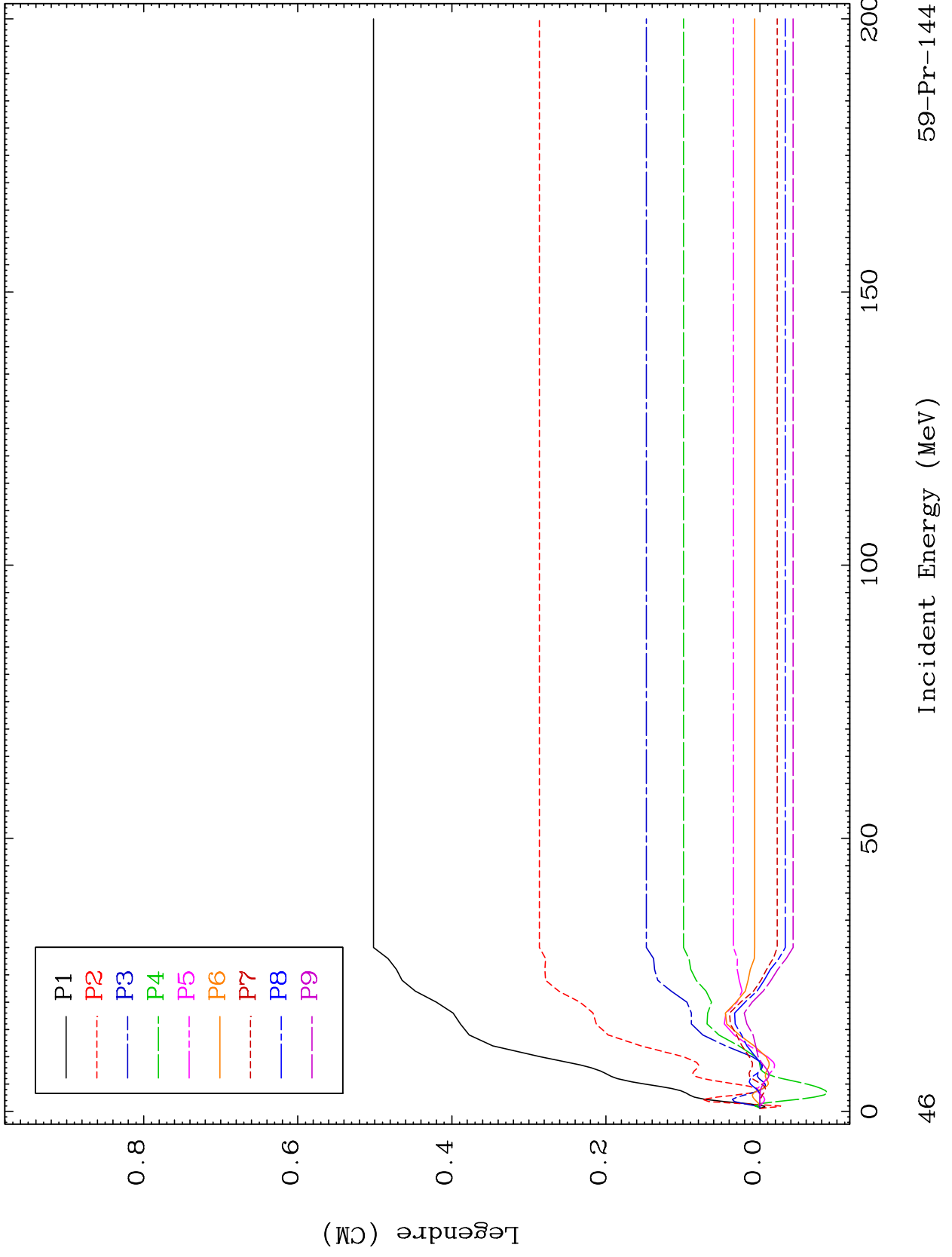
59-Pr-144



MAT 5934

498.9 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

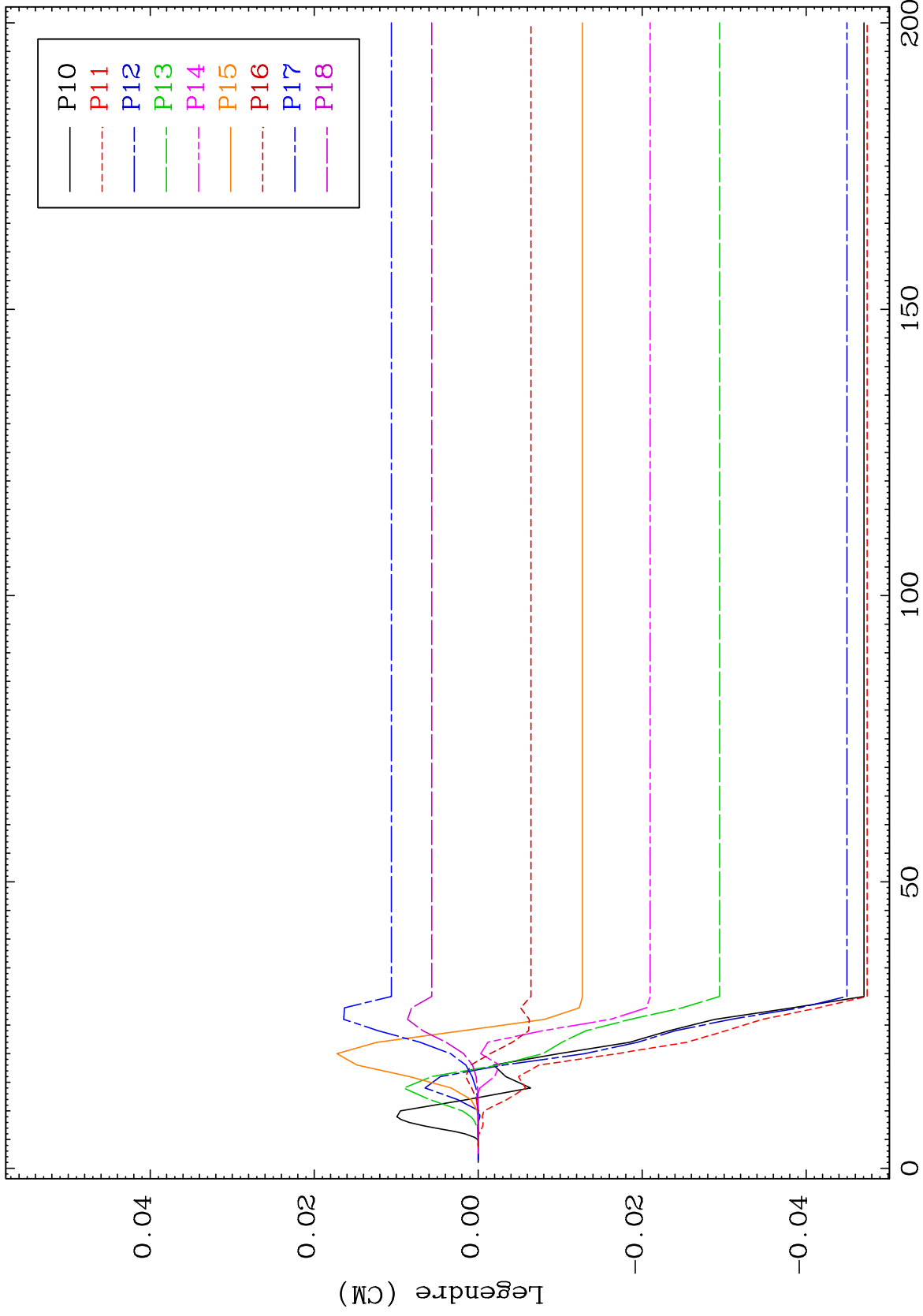
Incident Energy (MeV)

46

MAT 5934

498.9 keV (n,n') Level
Legendre Coefficients

59-Pr-144



47

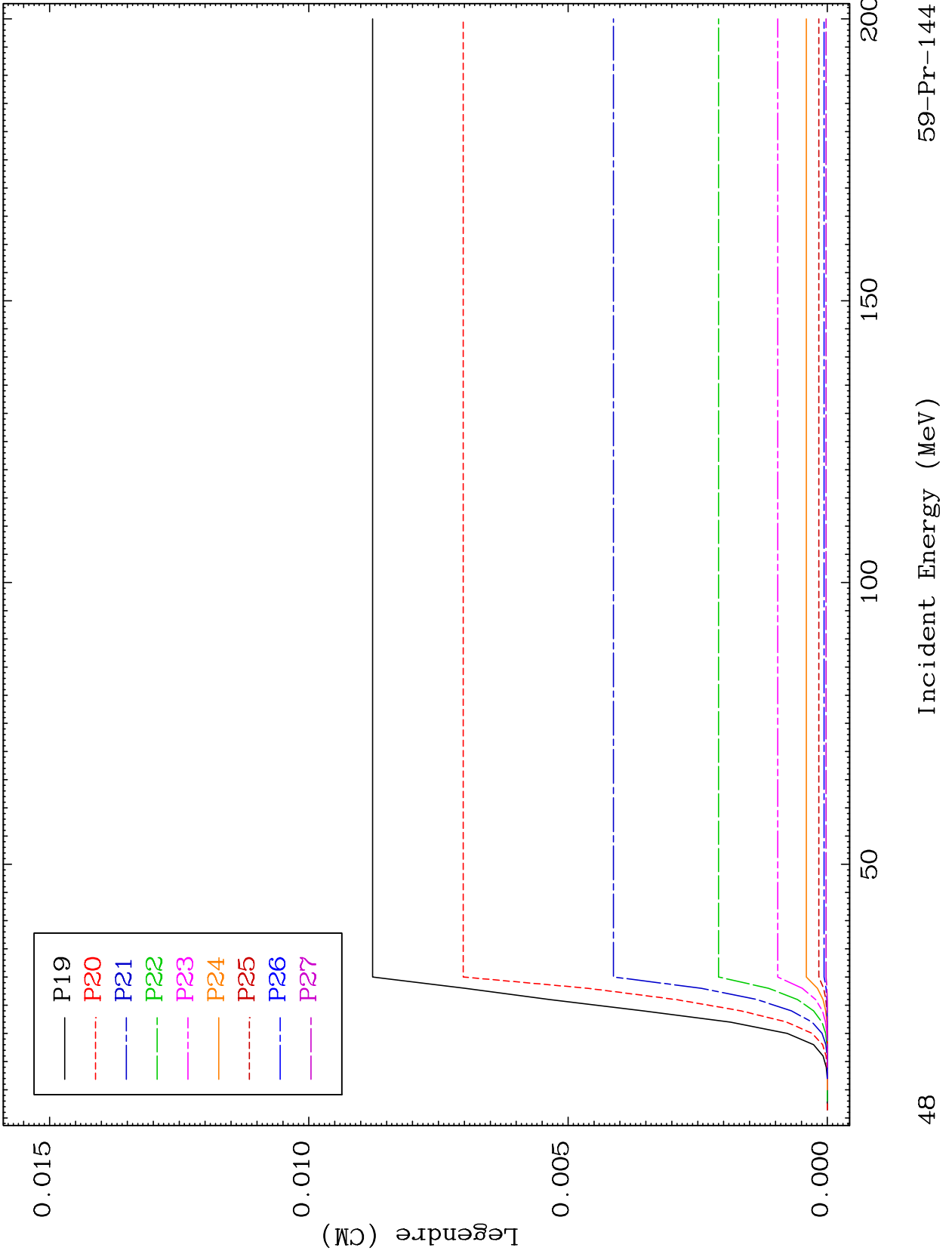
Incident Energy (MeV)

59-Pr-144

MAT 5934

498.9 keV (n,n') Level
Legendre Coefficients

59-Pr-144



48

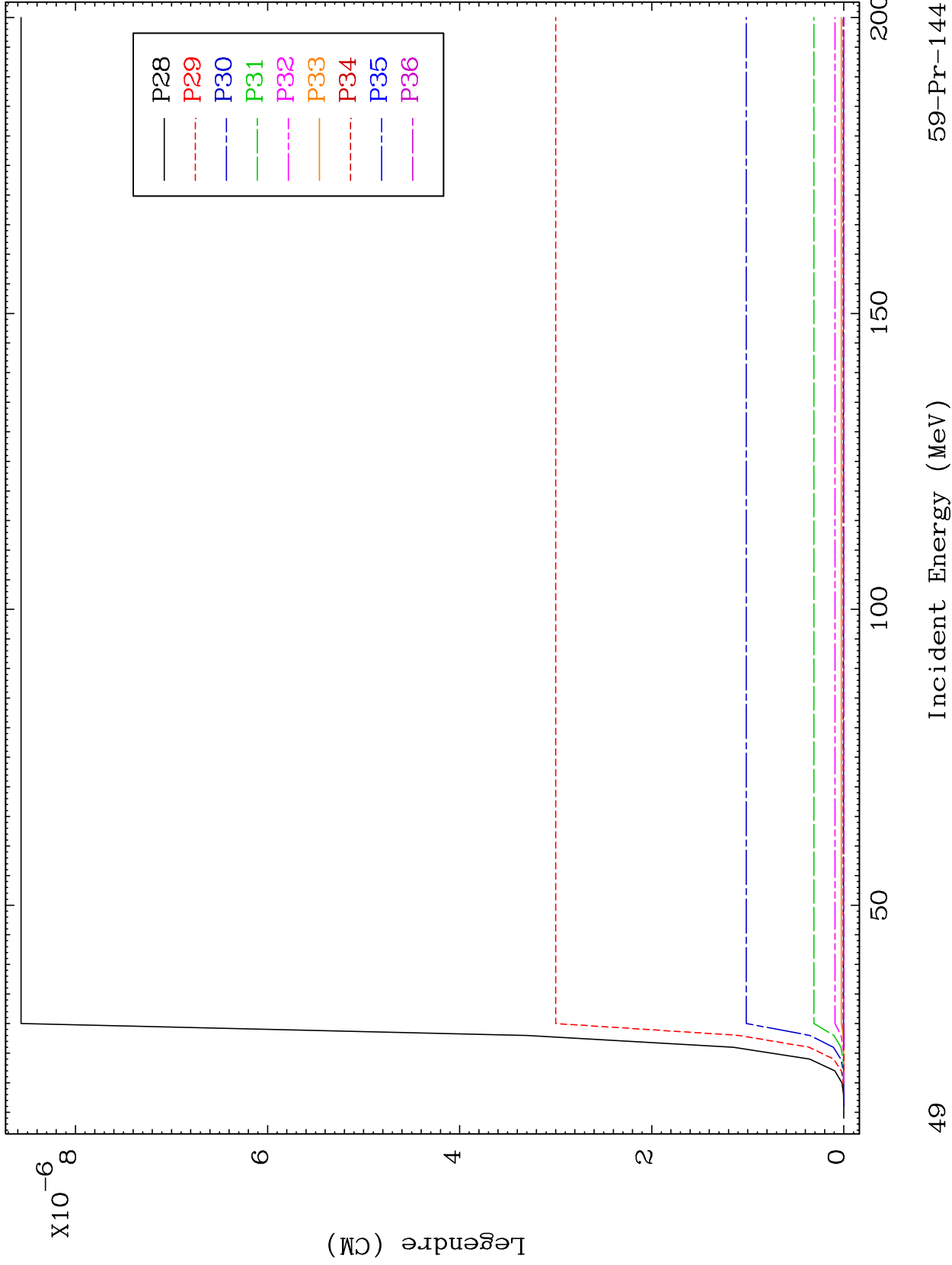
Incident Energy (MeV)

59-Pr-144

MAT 5934

498.9 keV (n, n') Level
Legendre Coefficients

59-Pr-144



49

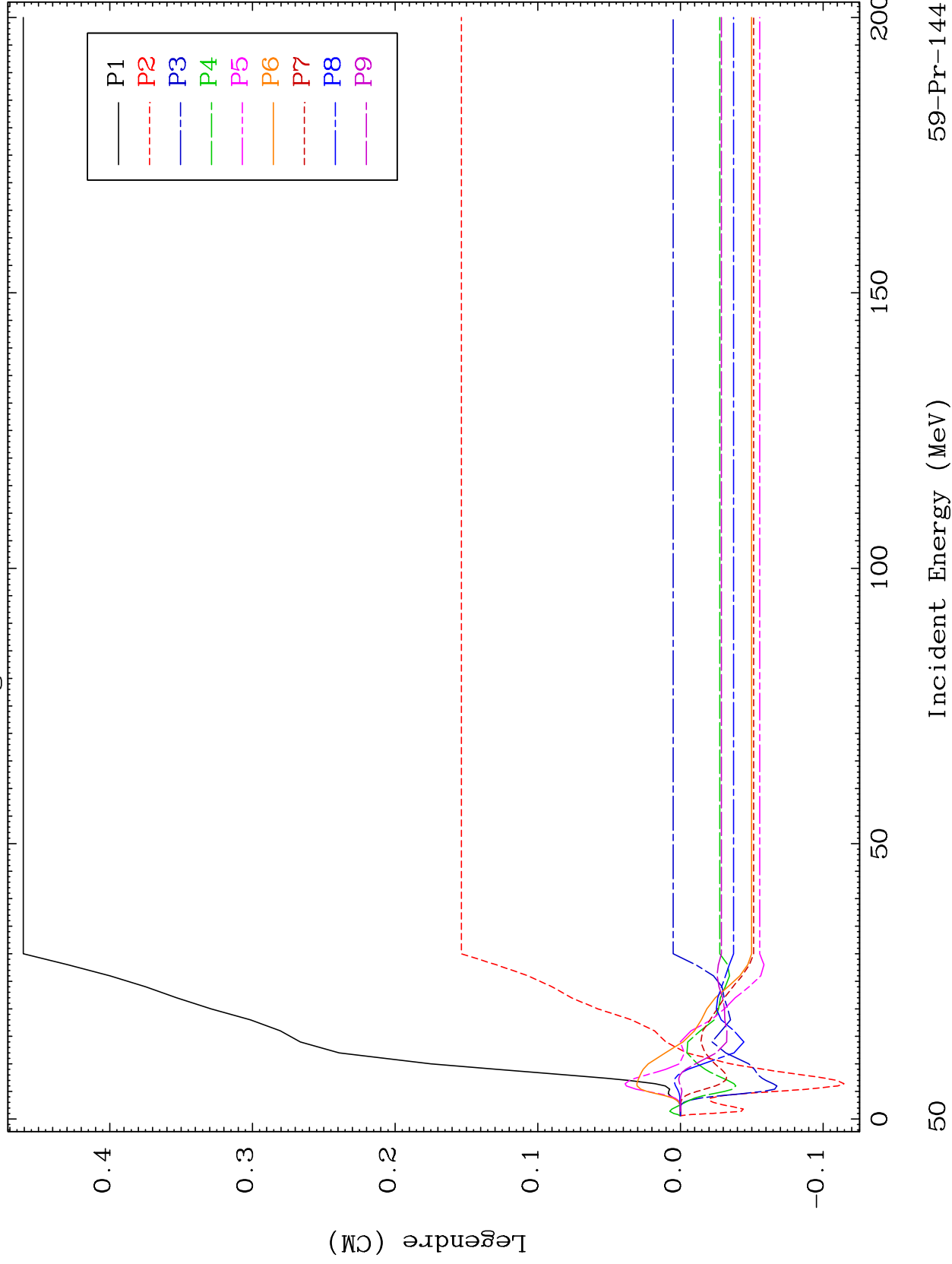
Incident Energy (MeV)

59-Pr-144

MAT 5934

533.7 keV (n,n') Level
Legendre Coefficients

59-Pr-144

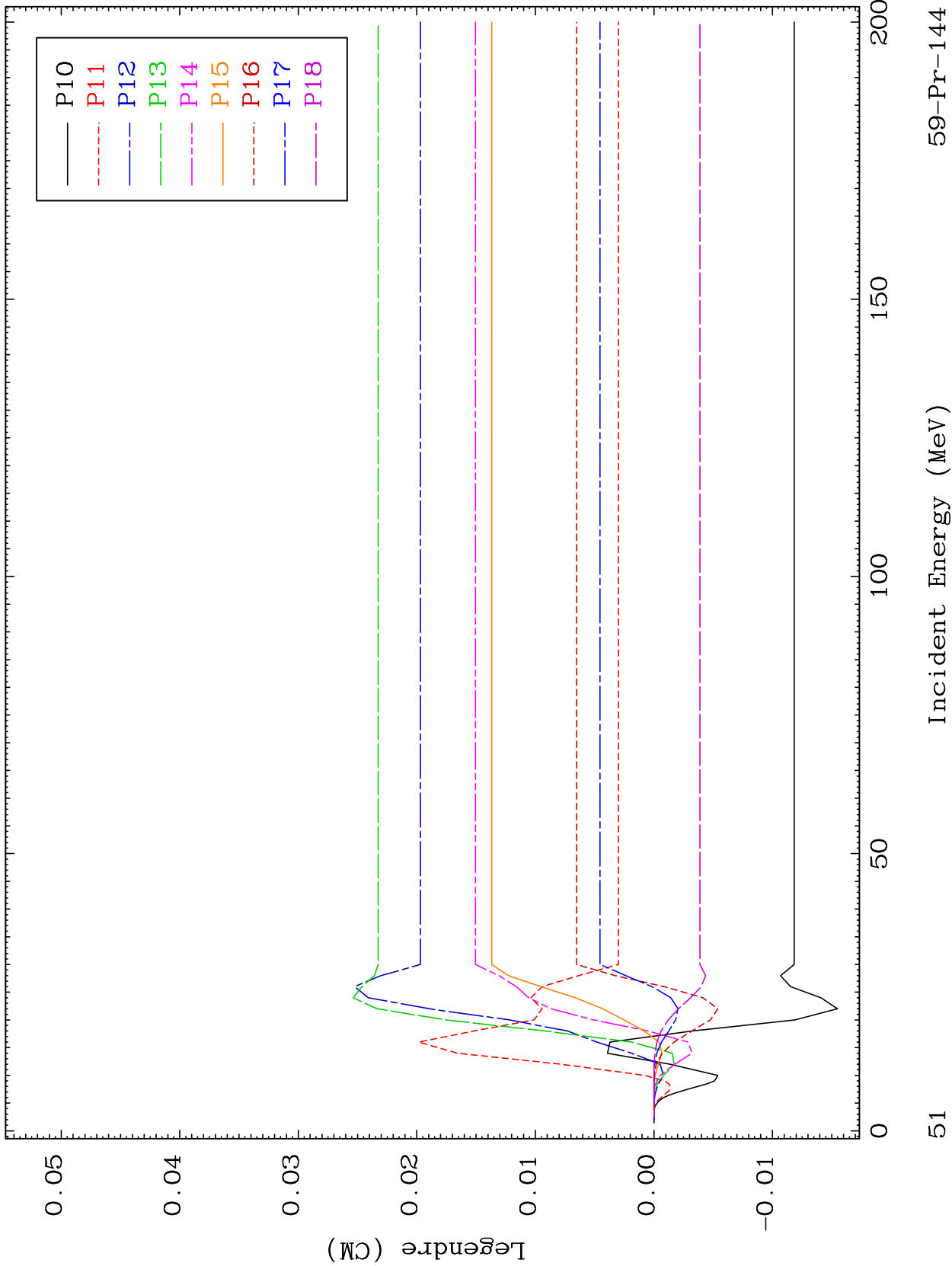


59-Pr-144

MAT 5934

533.7 keV (n,n') Level
Legendre Coefficients

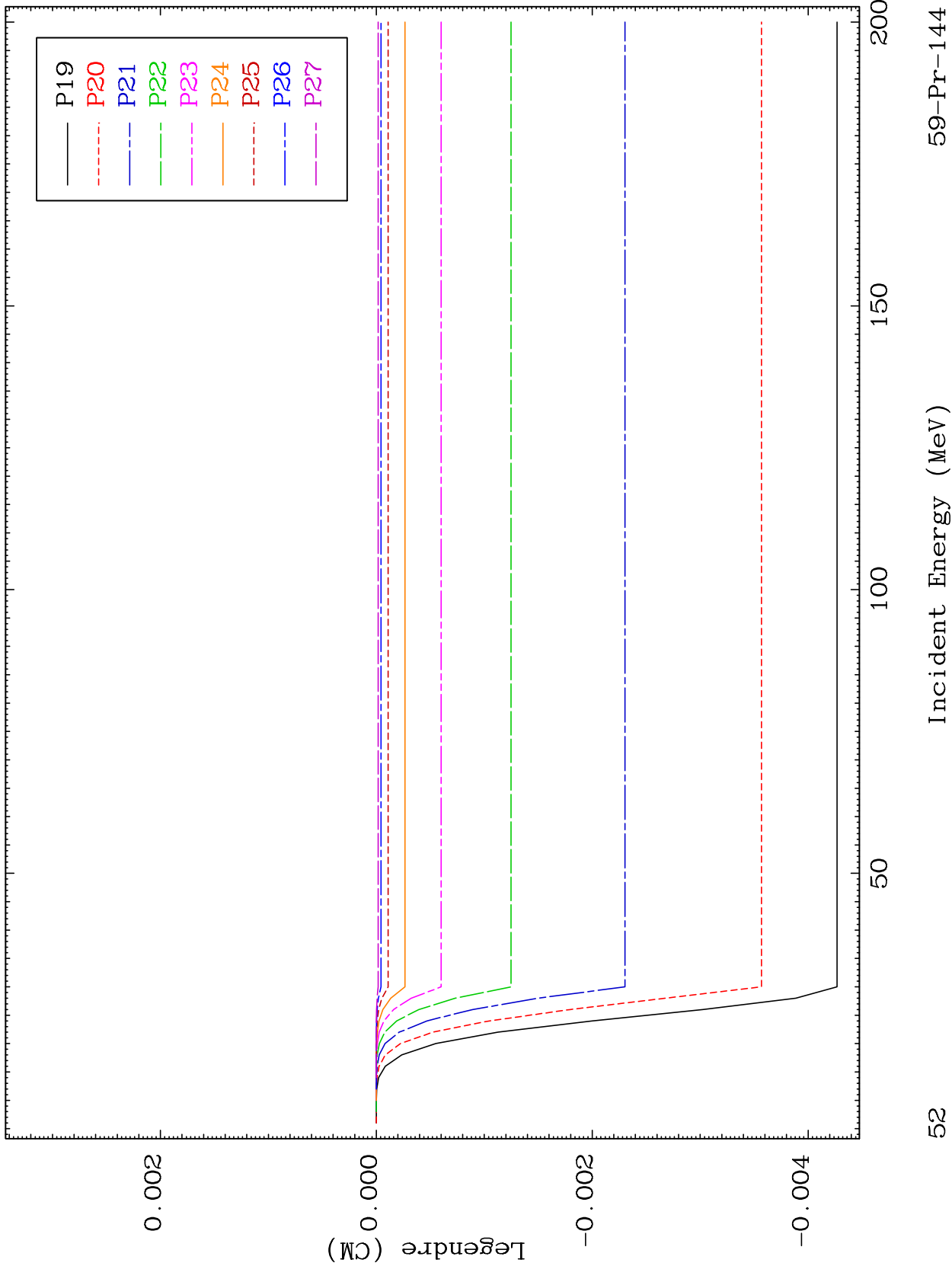
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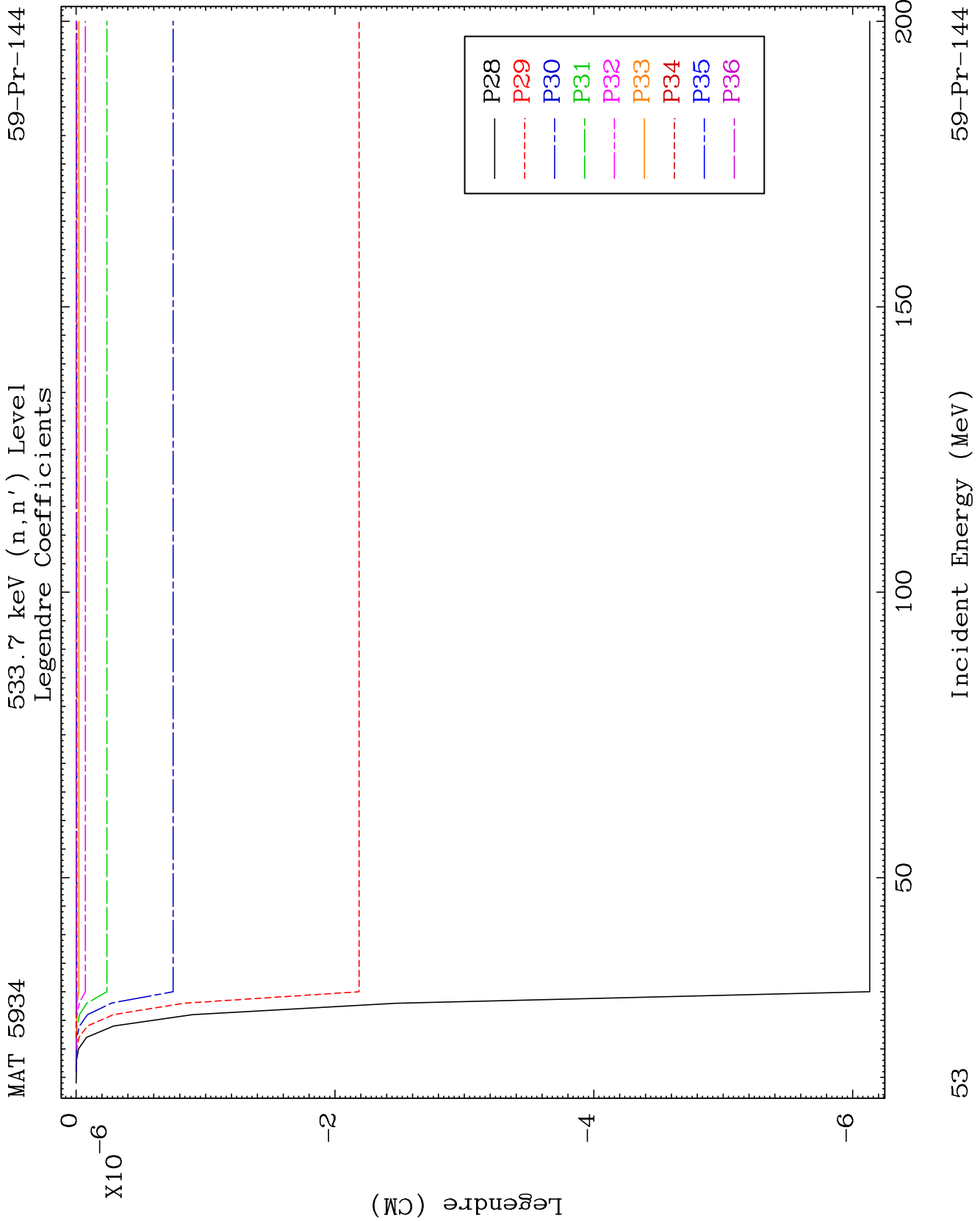


59-Pr-144

Incident Energy (MeV)

51

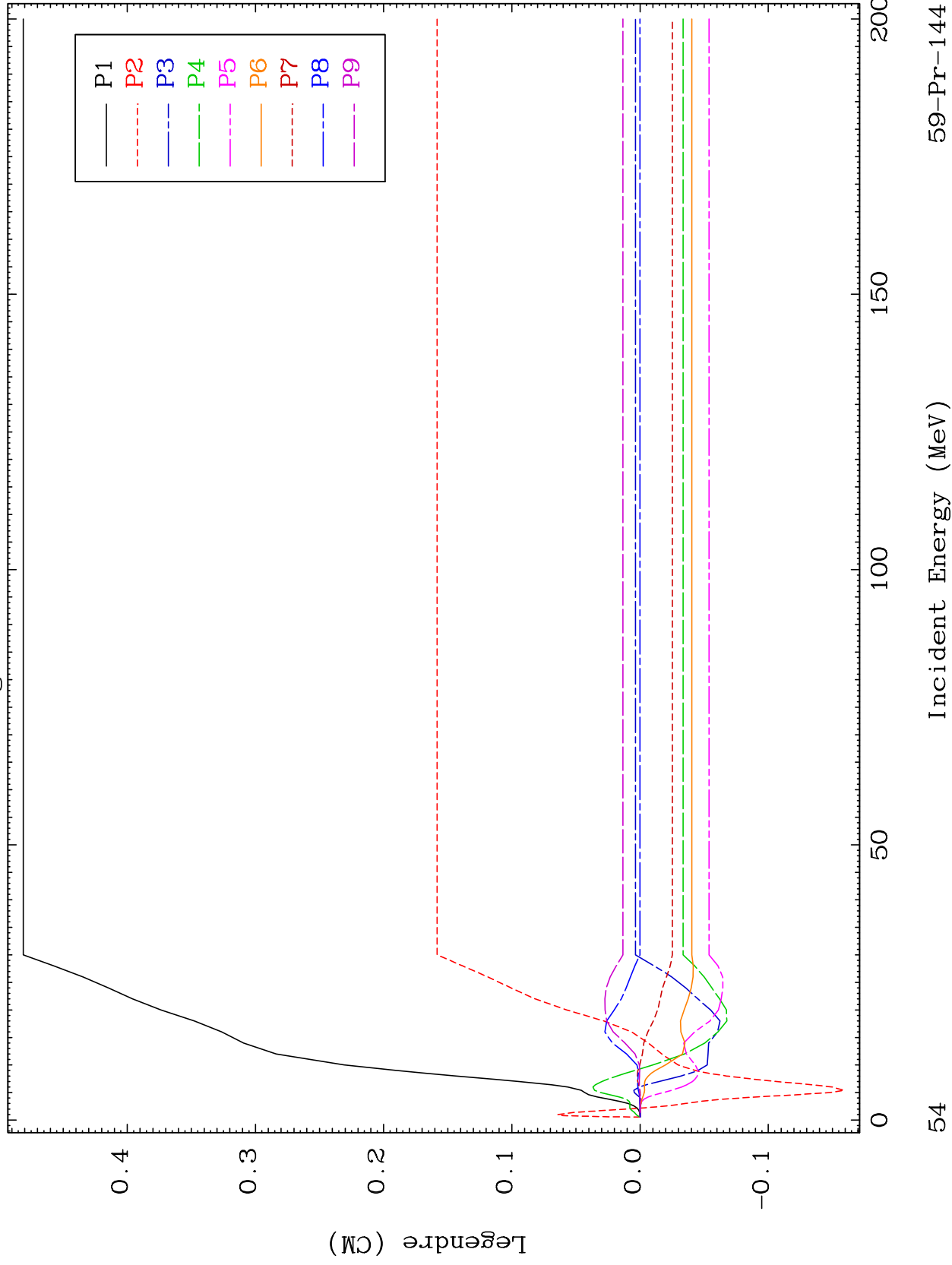




MAT 5934

535.3 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

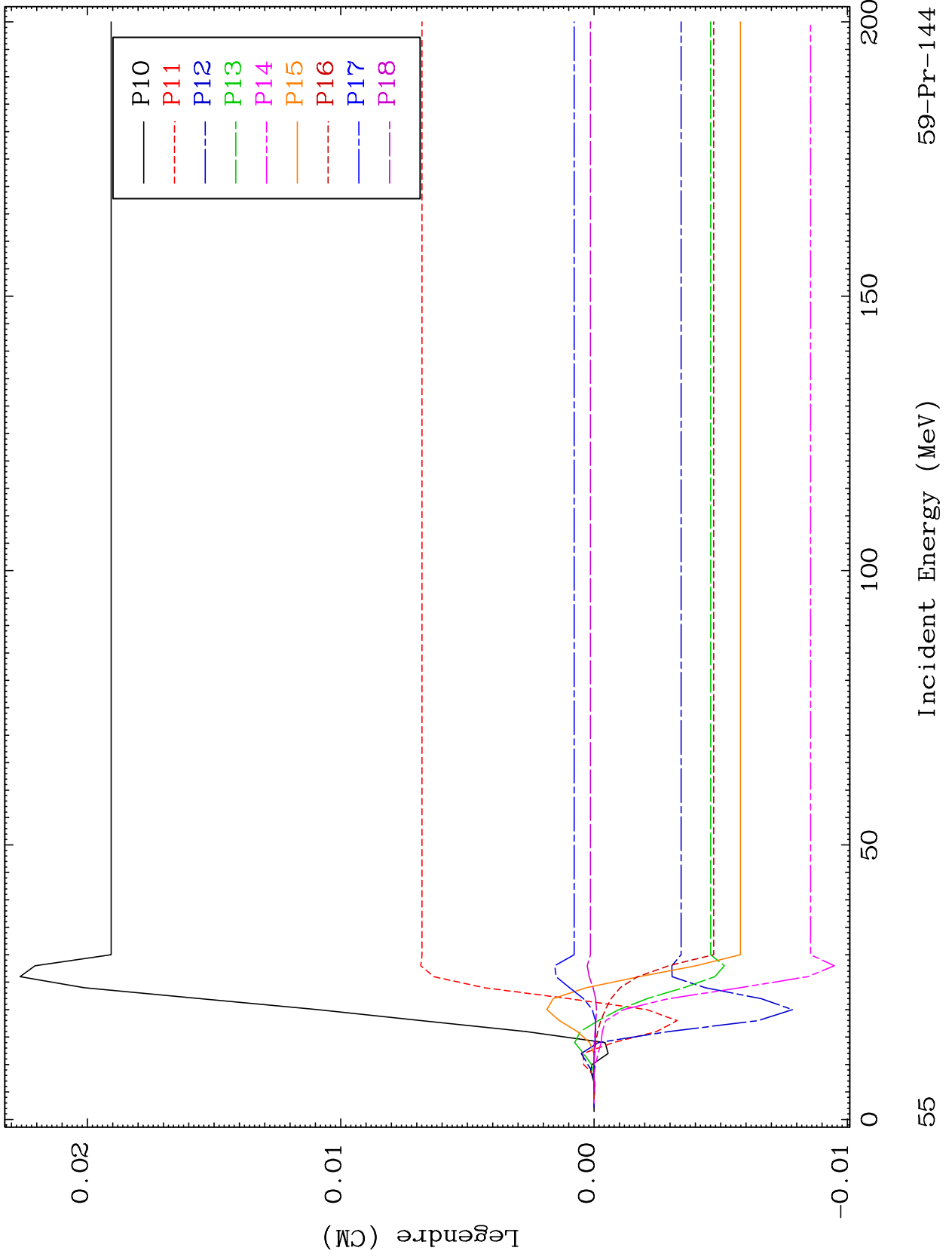
Incident Energy (MeV)

54

MAT 5934

535.3 keV (n,n') Level
Legendre Coefficients

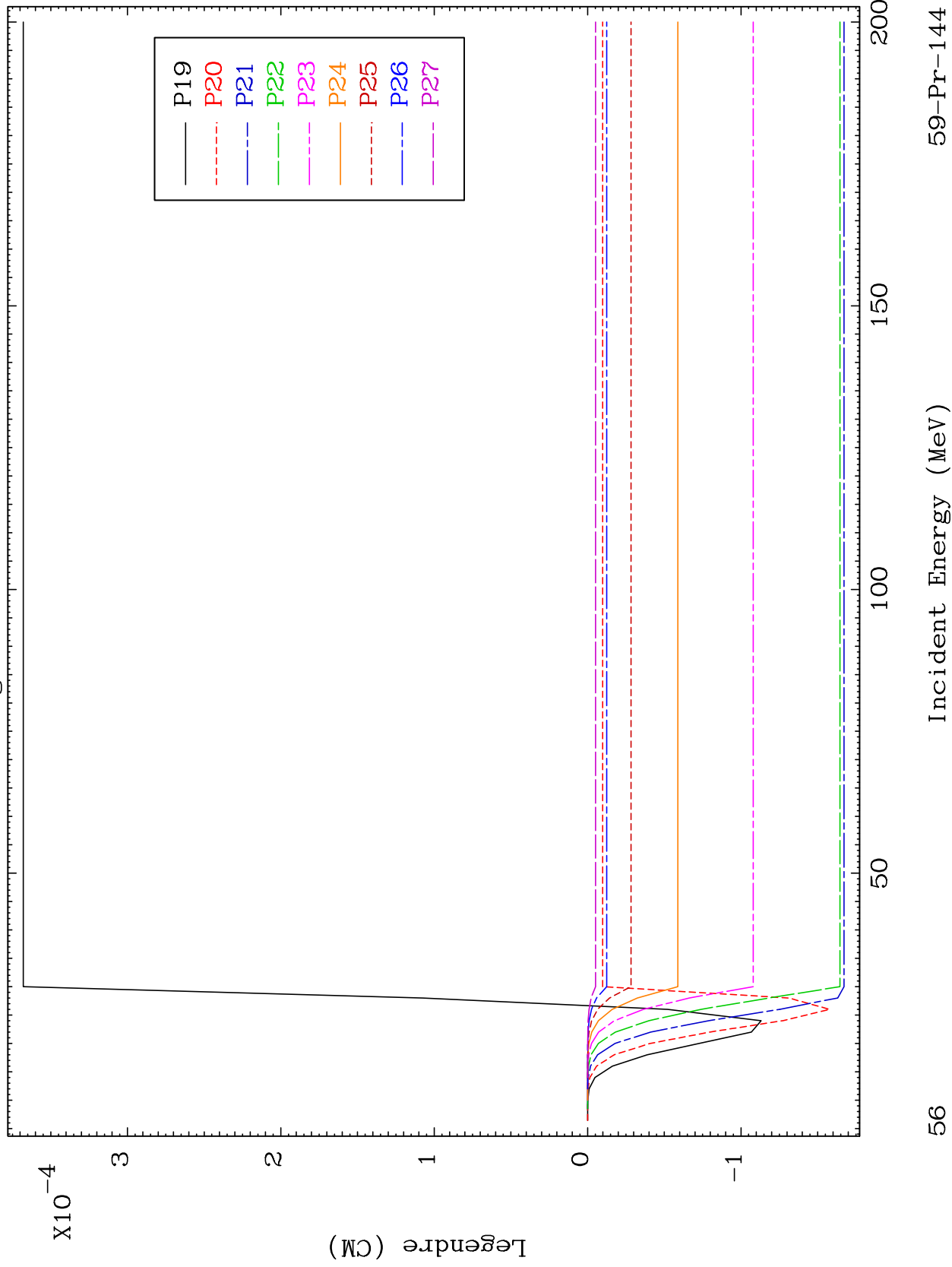
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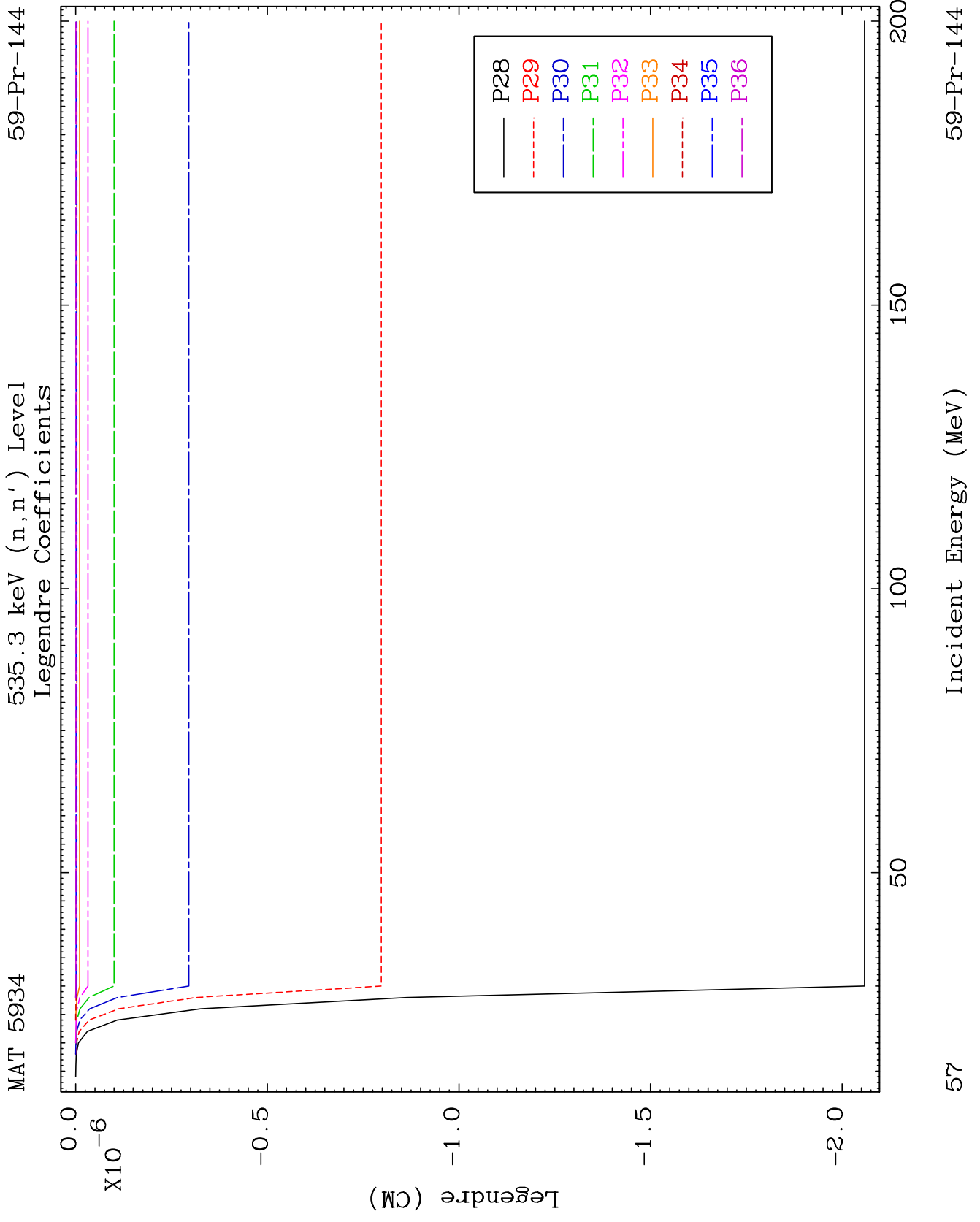


55

Incident Energy (MeV)

59-Pr-144

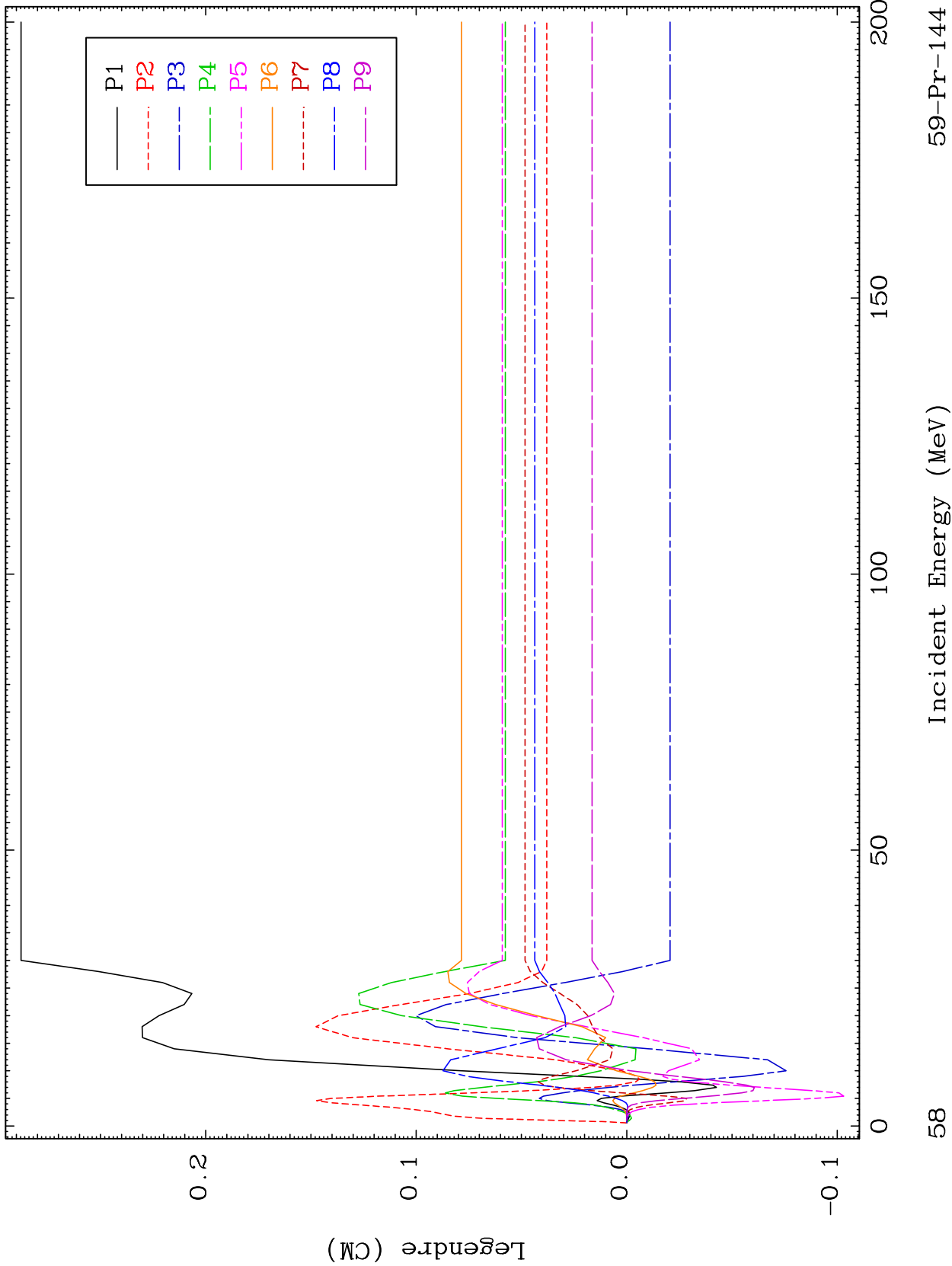




MAT 5934

540.7 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

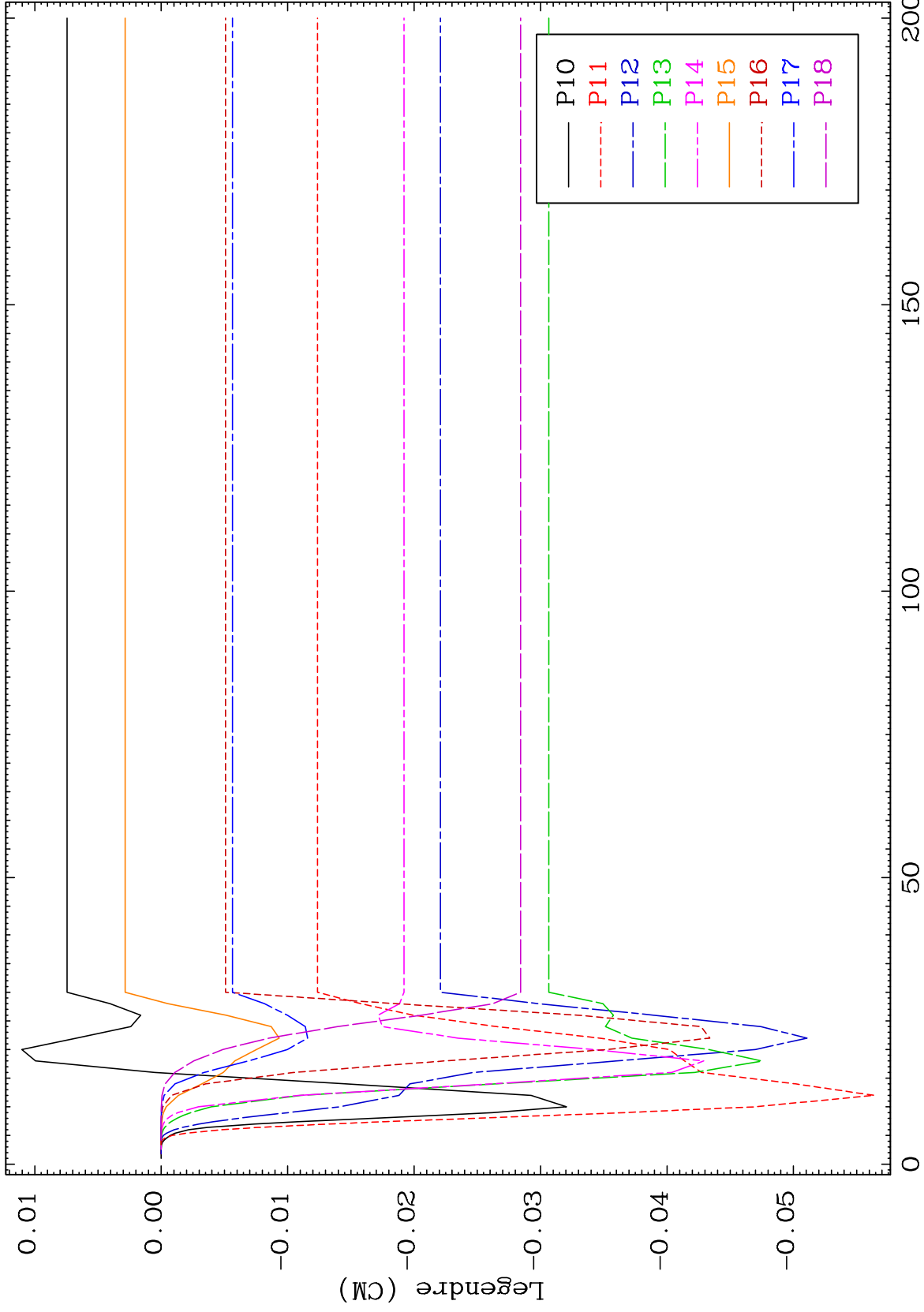
Incident Energy (MeV)

58

MAT 5934

540.7 keV (n,n') Level
Legendre Coefficients

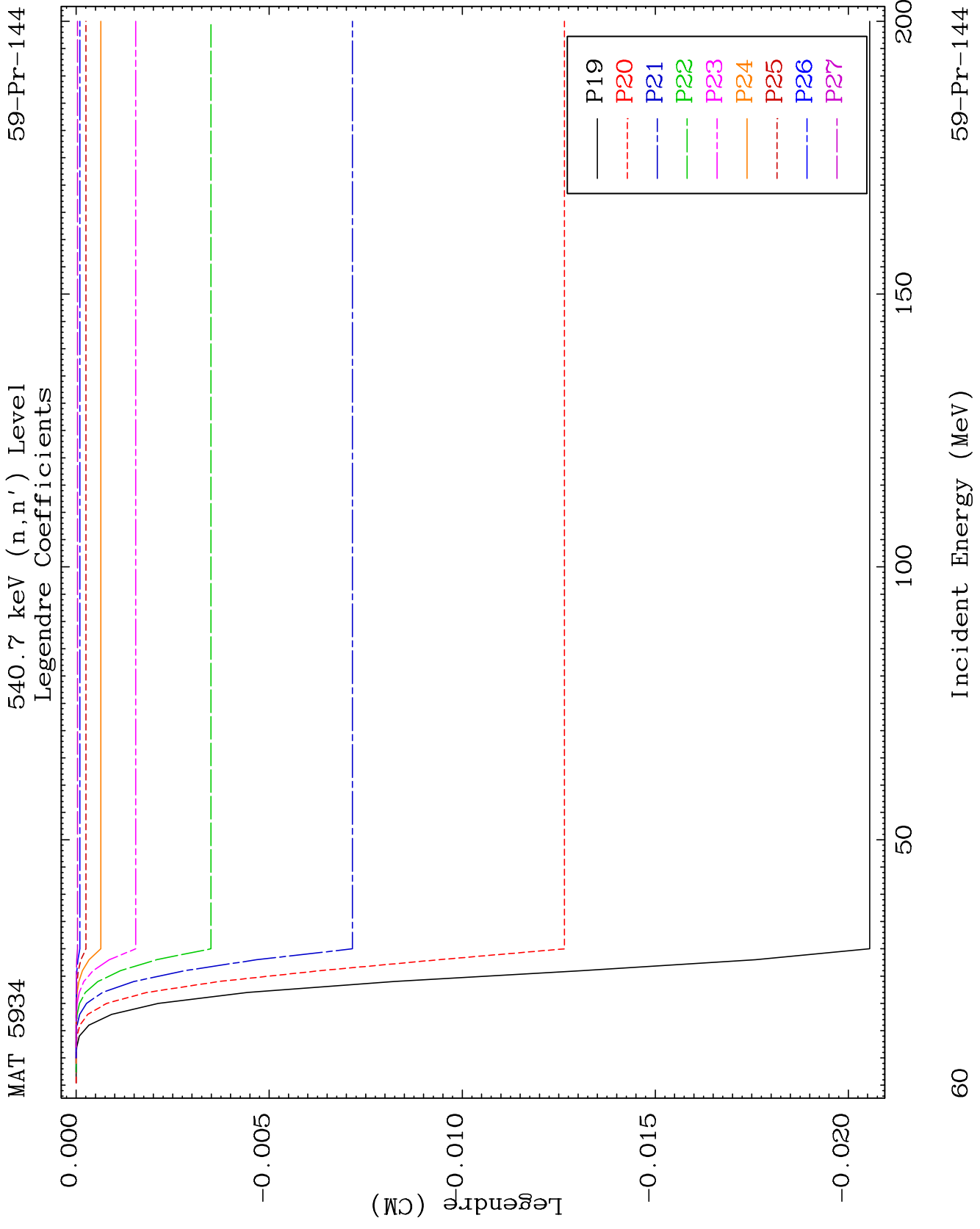
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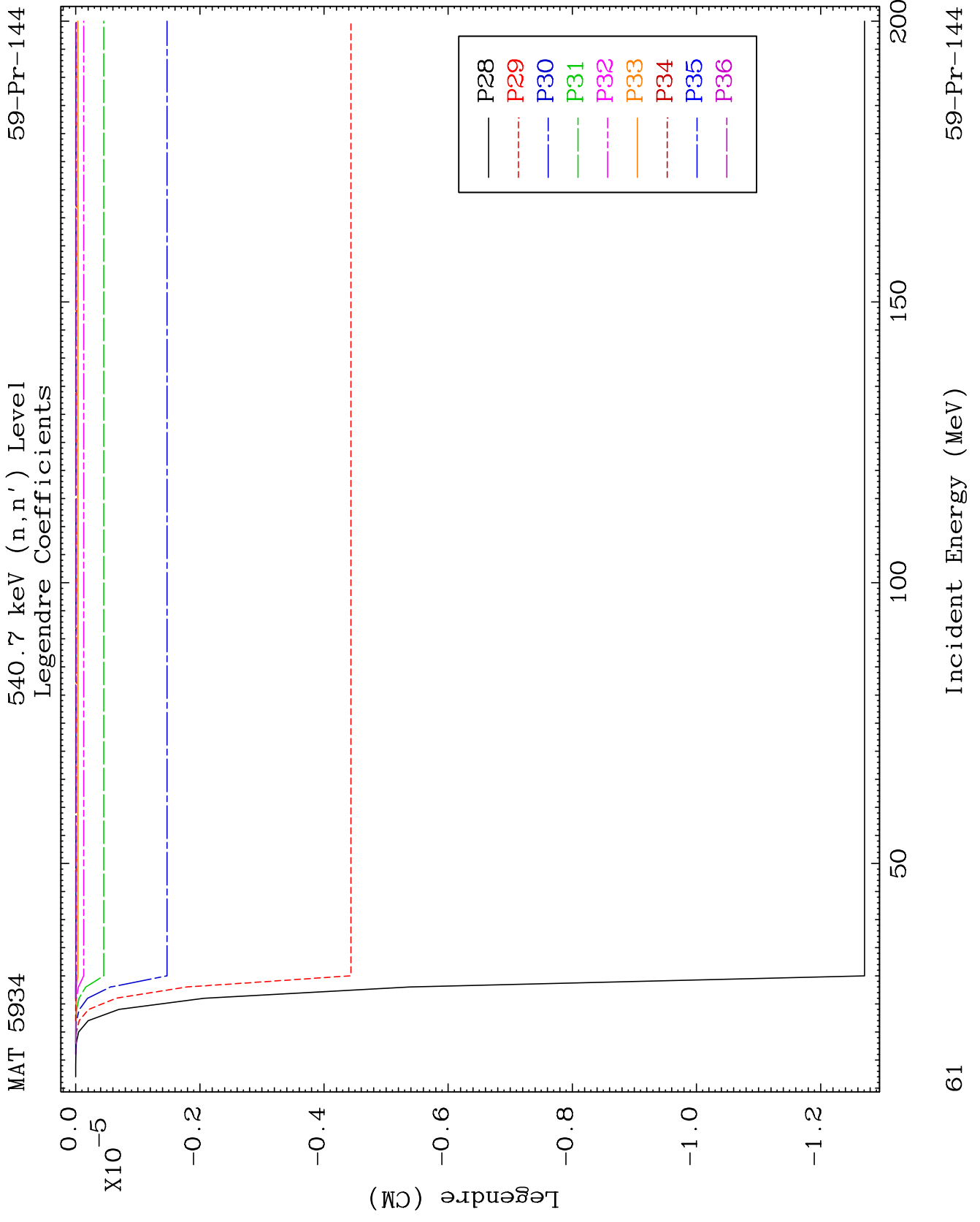


59

Incident Energy (MeV)

59-Pr-144

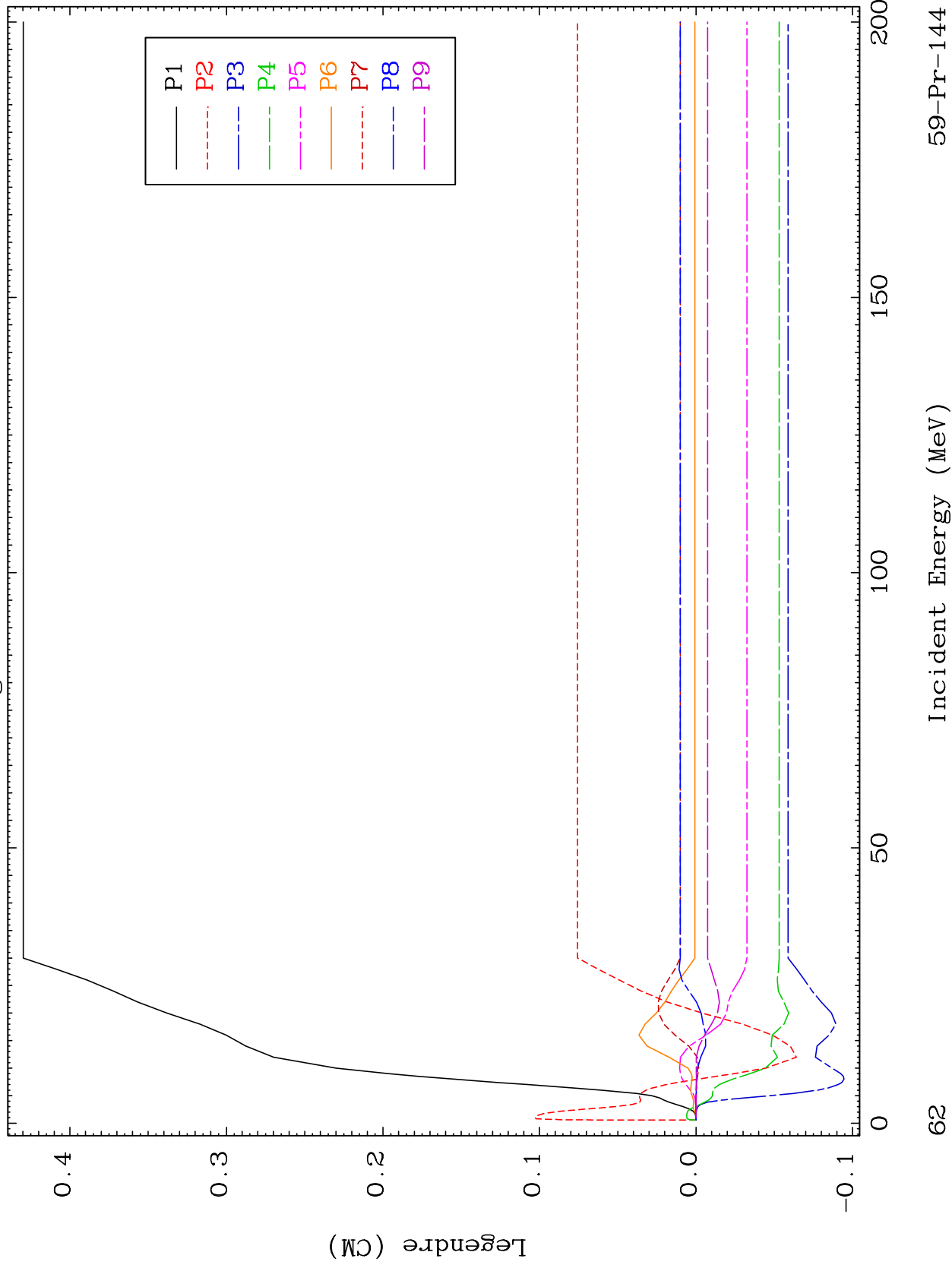




MAT 5934

559.8 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

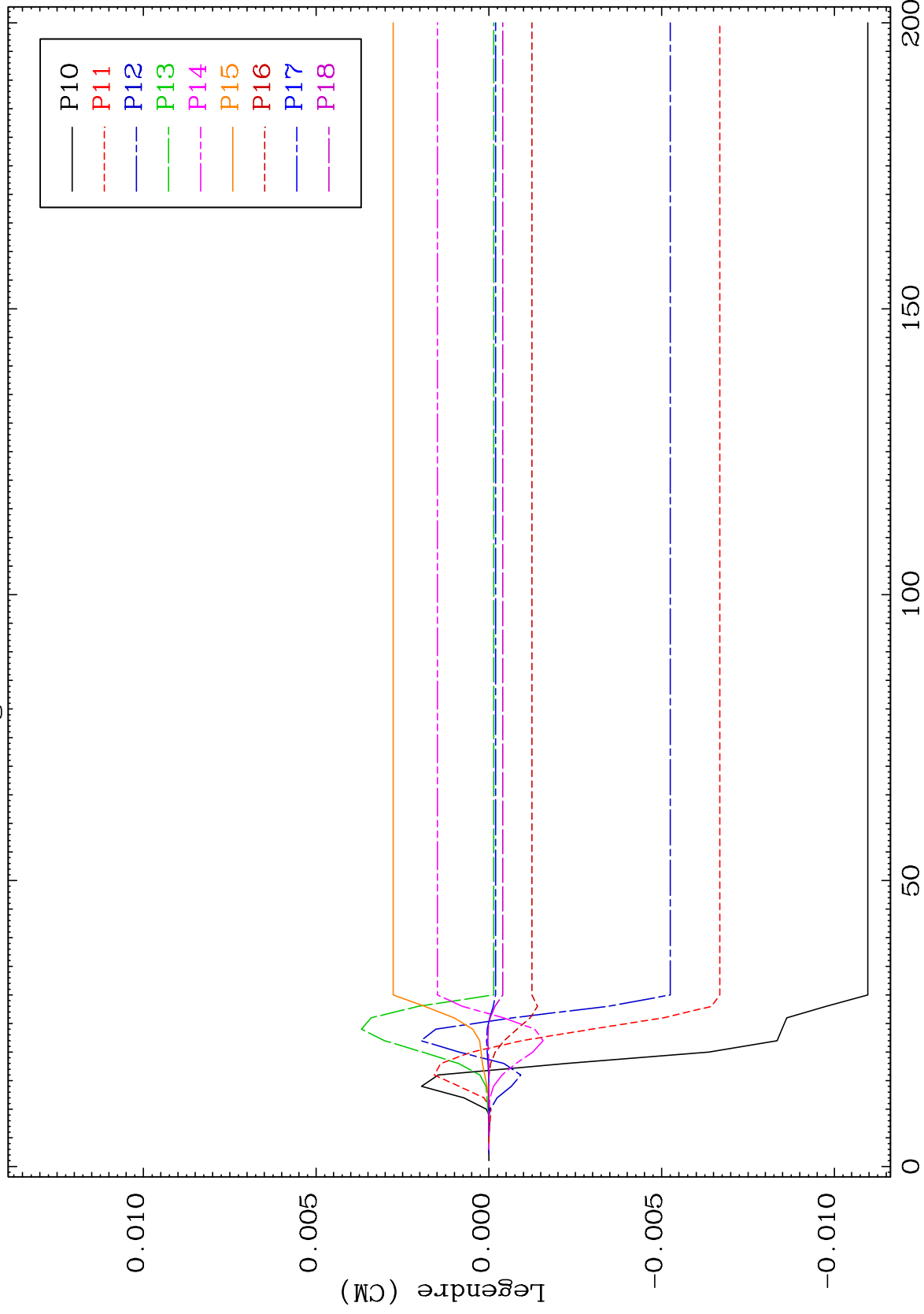
Incident Energy (MeV)

62

MAT 5934

559.8 keV (n,n') Level
Legendre Coefficients

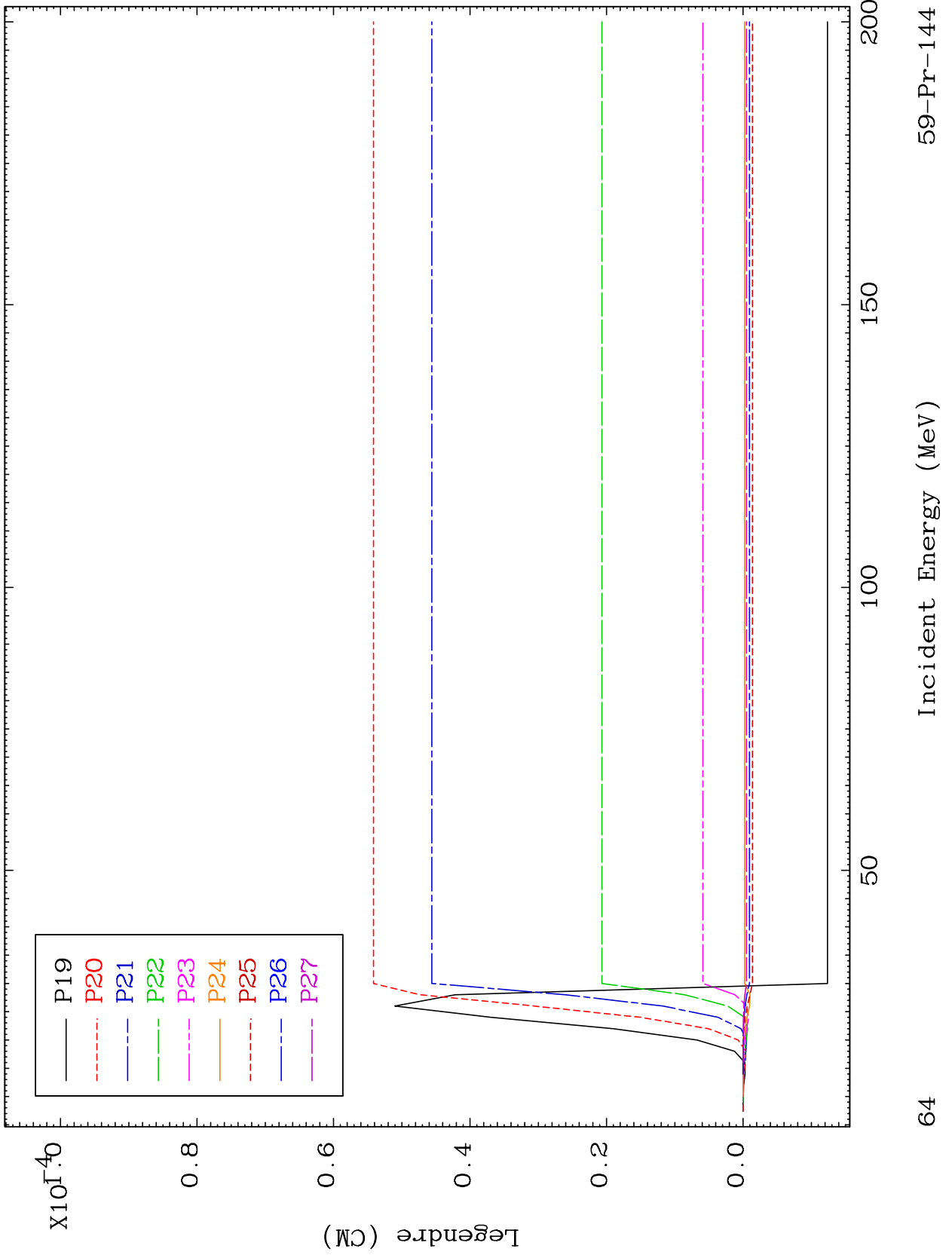
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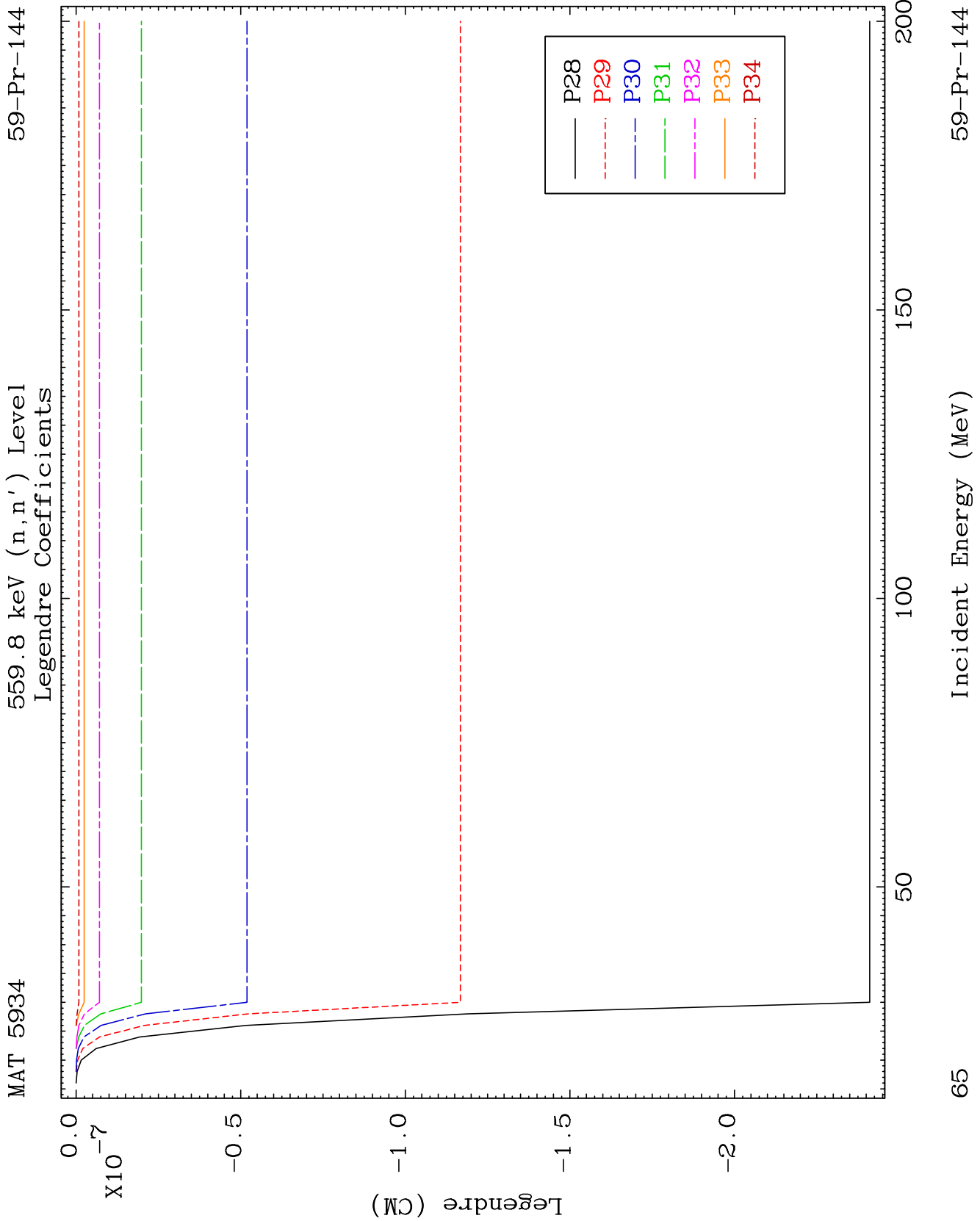


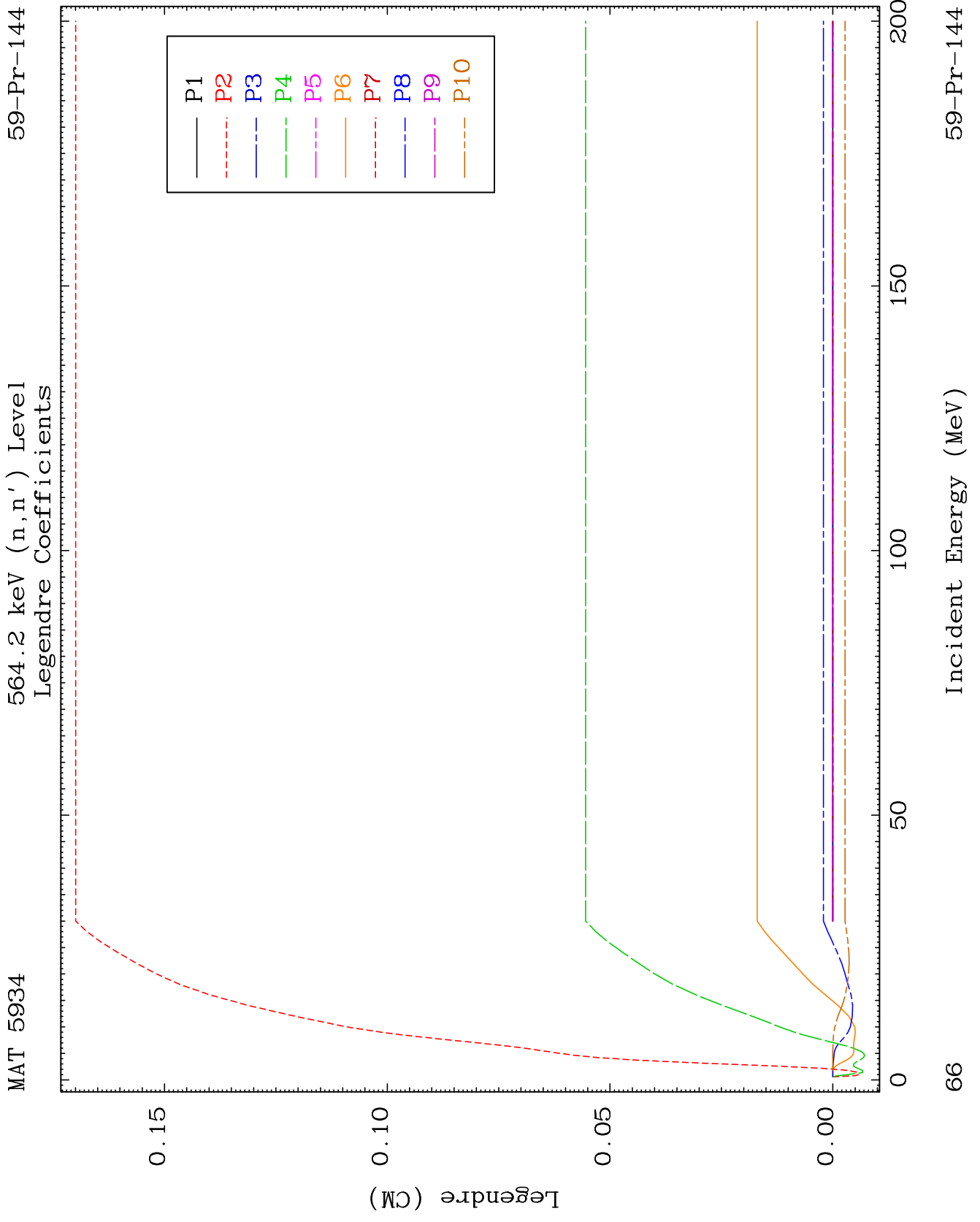
63

Incident Energy (MeV)

59-Pr-144



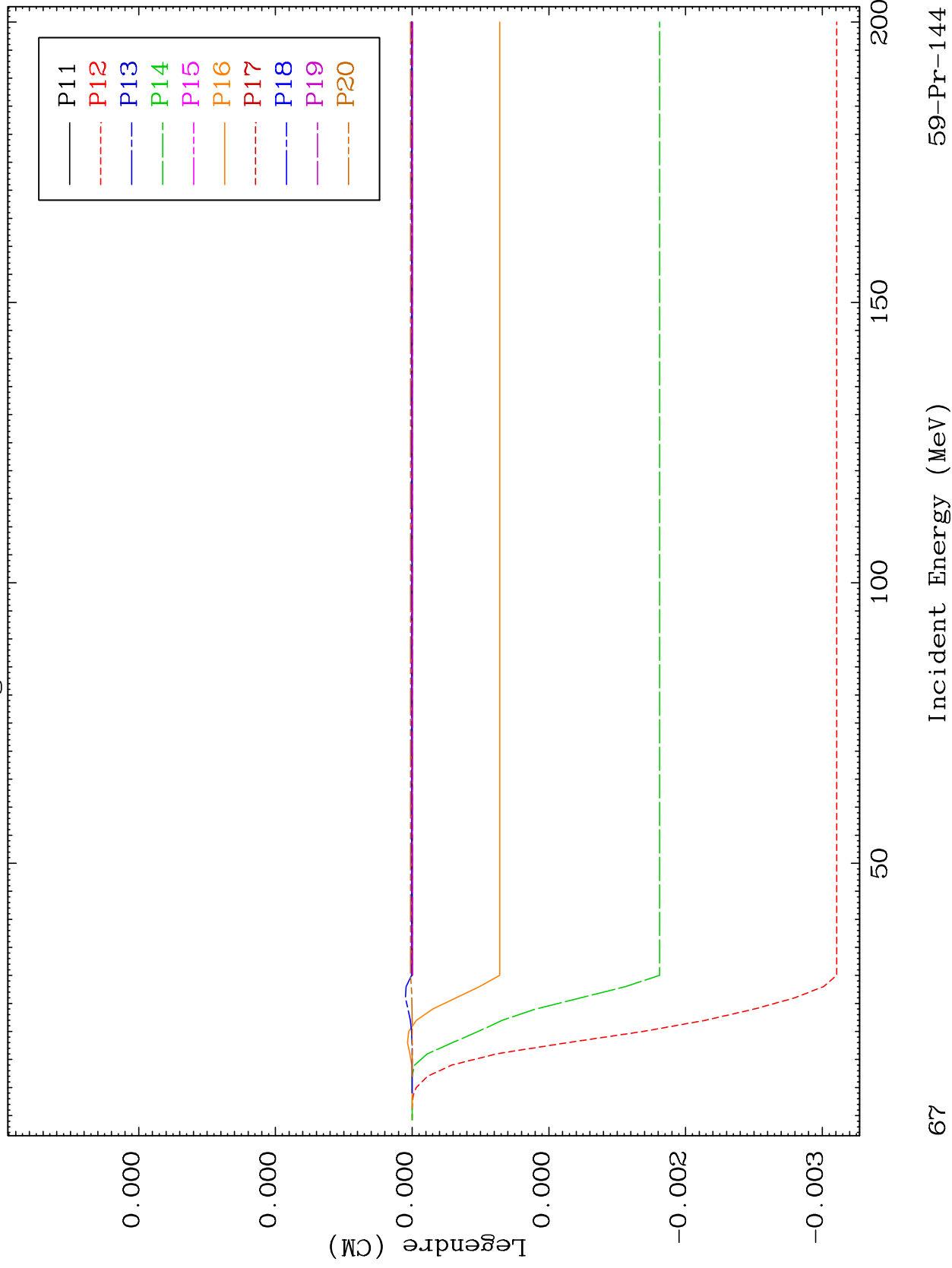




MAT 5934

564.2 keV (n,n') Level
Legendre Coefficients

59-Pr-144



67

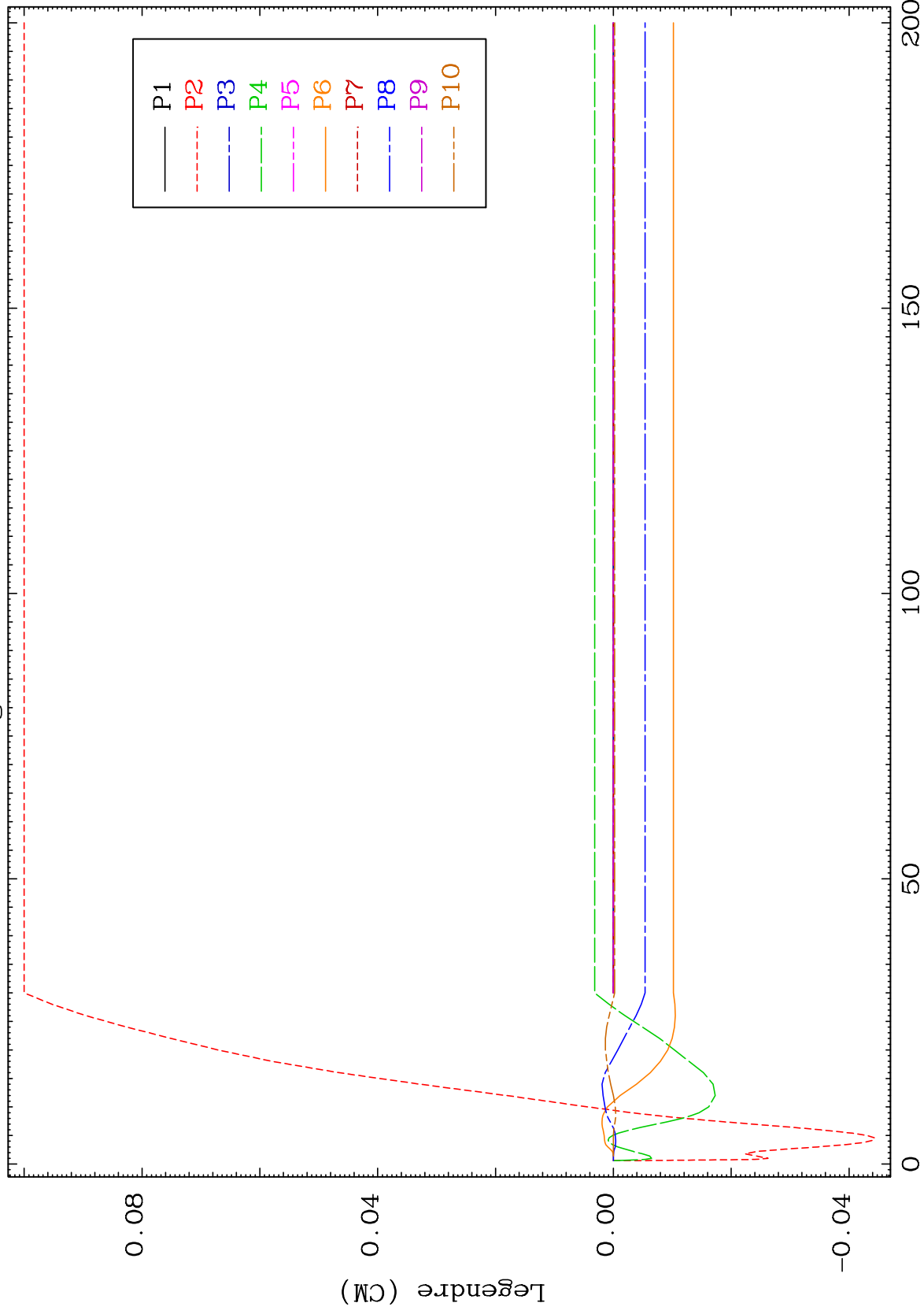
Incident Energy (MeV)

59-Pr-144

MAT 5934

576.1 keV (n,n') Level
Legendre Coefficients

59-Pr-144



69

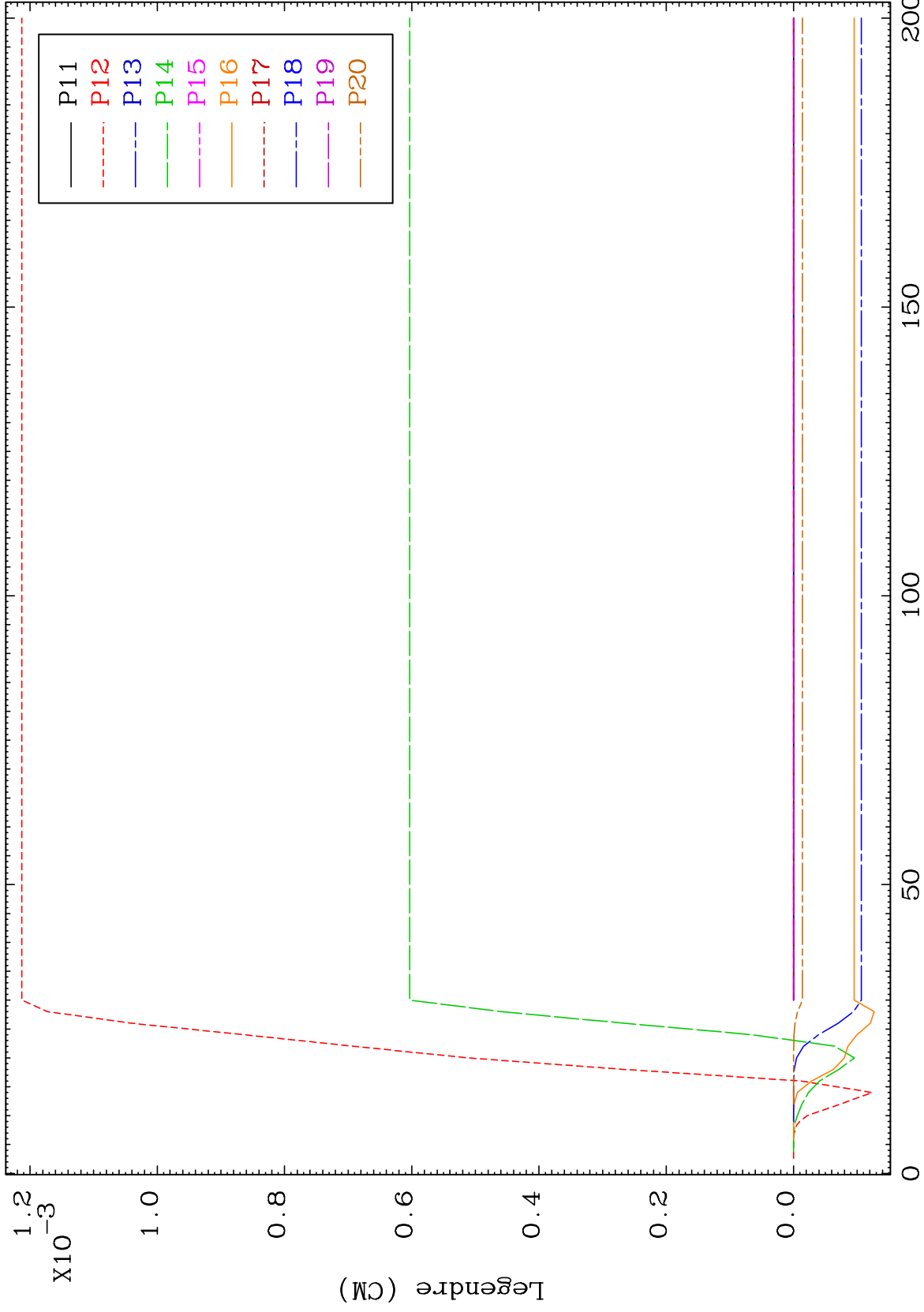
Incident Energy (MeV)

59-Pr-144

MAT 5934

576.1 keV (n,n') Level
Legendre Coefficients

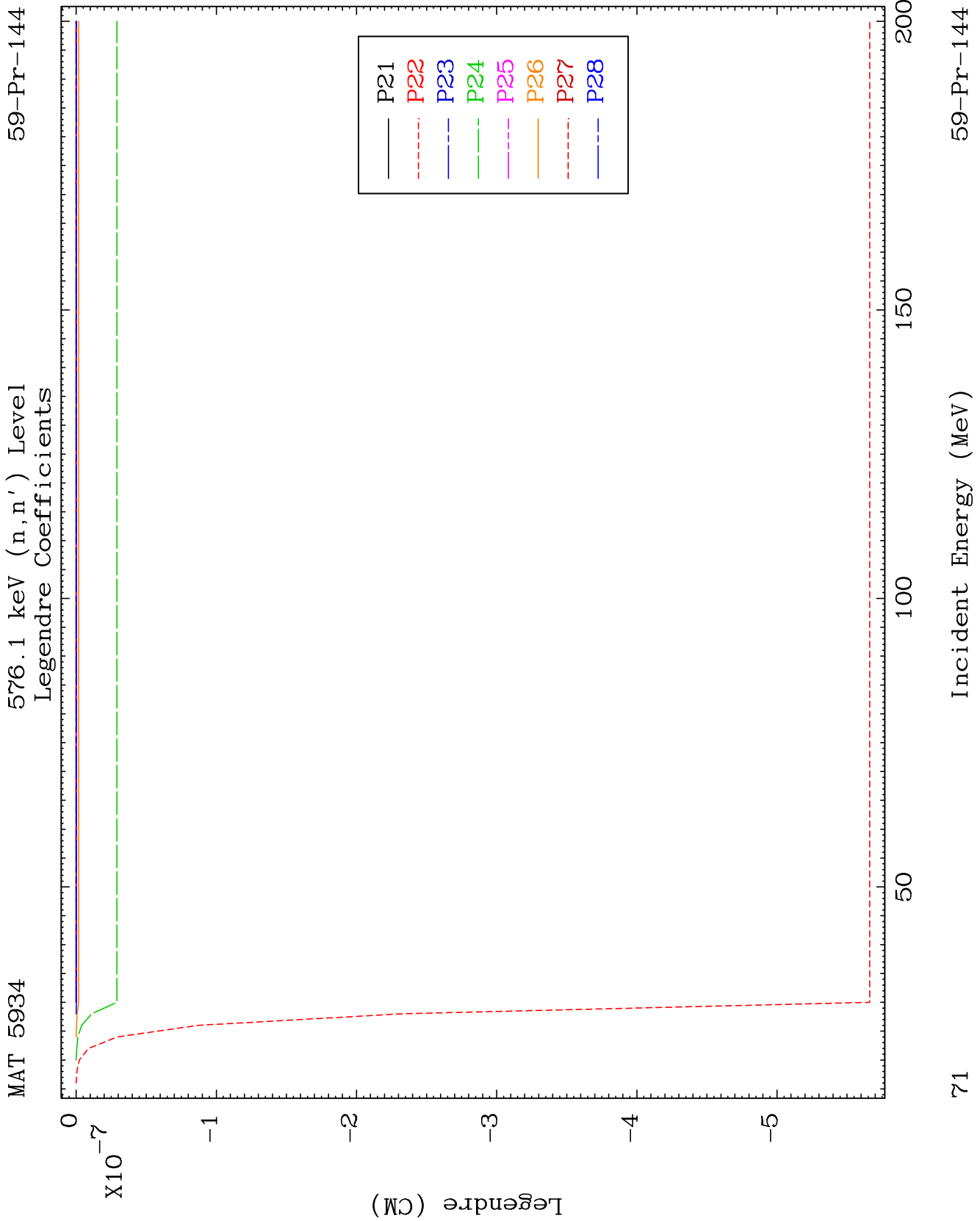
59-Pr-144



59-Pr-144

Incident Energy (MeV)

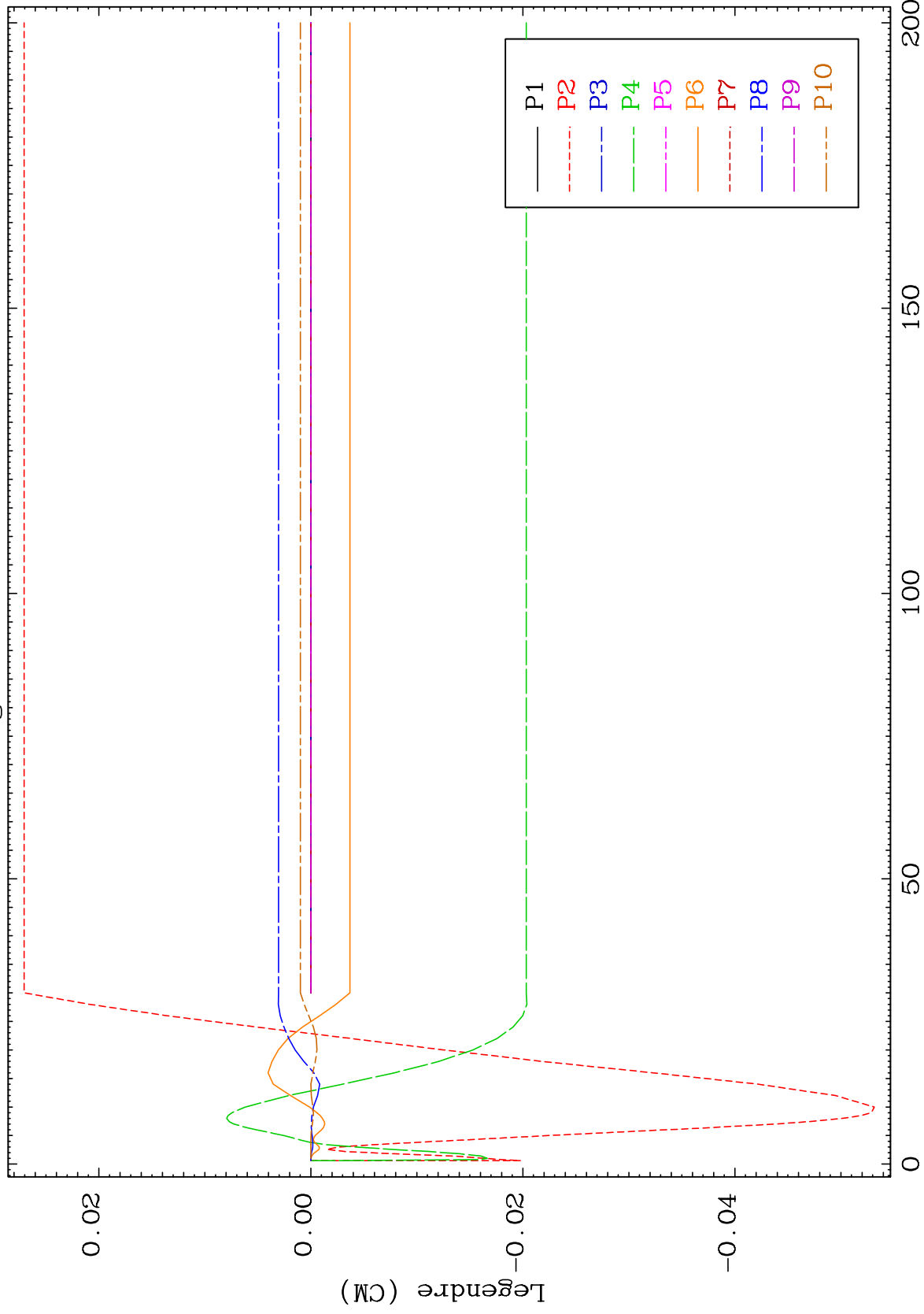
70



MAT 5934

582.6 keV (n,n') Level
Legendre Coefficients

59-Pr-144



72

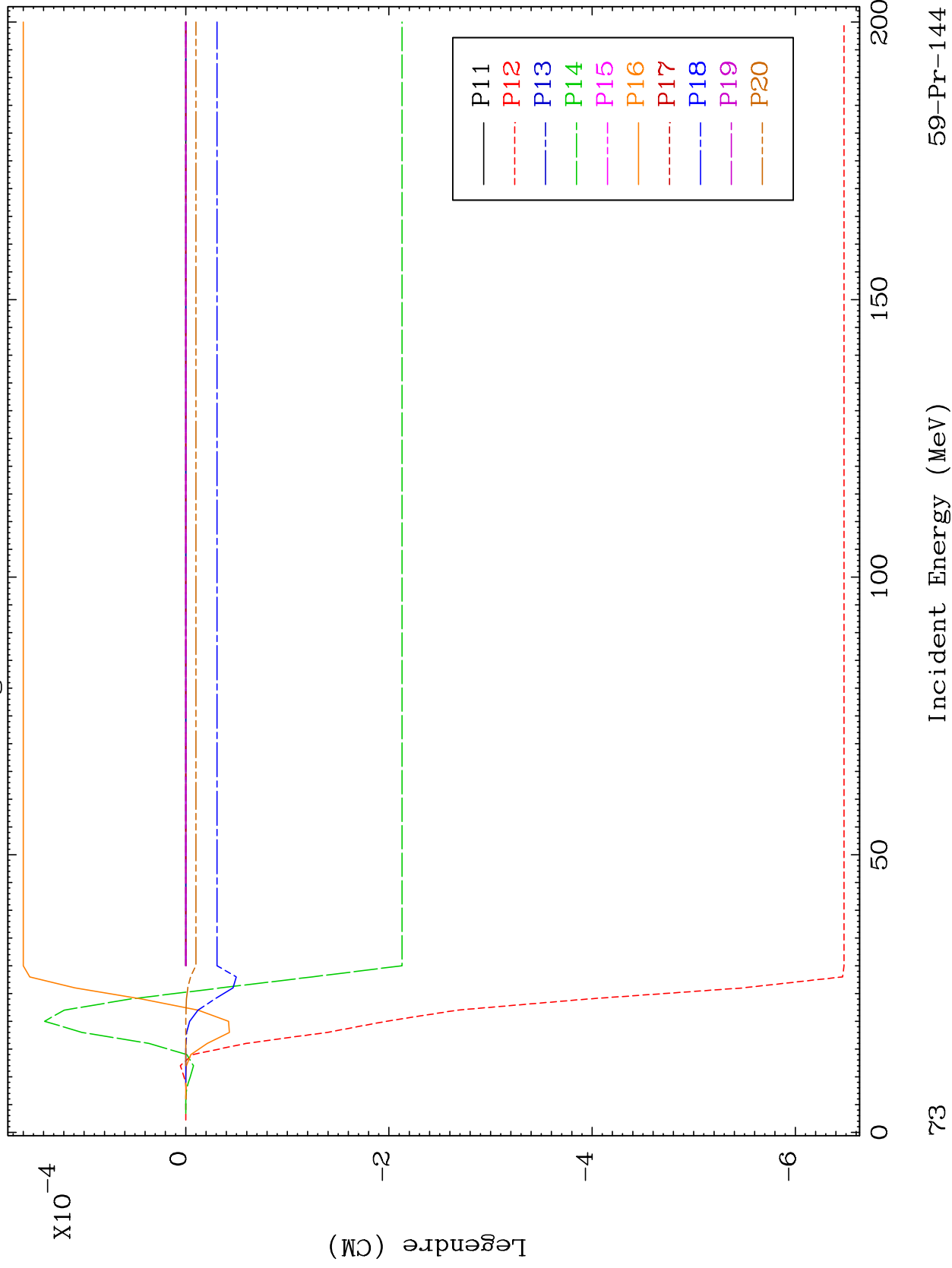
Incident Energy (MeV)

59-Pr-144

MAT 5934

582.6 keV (n,n') Level
Legendre Coefficients

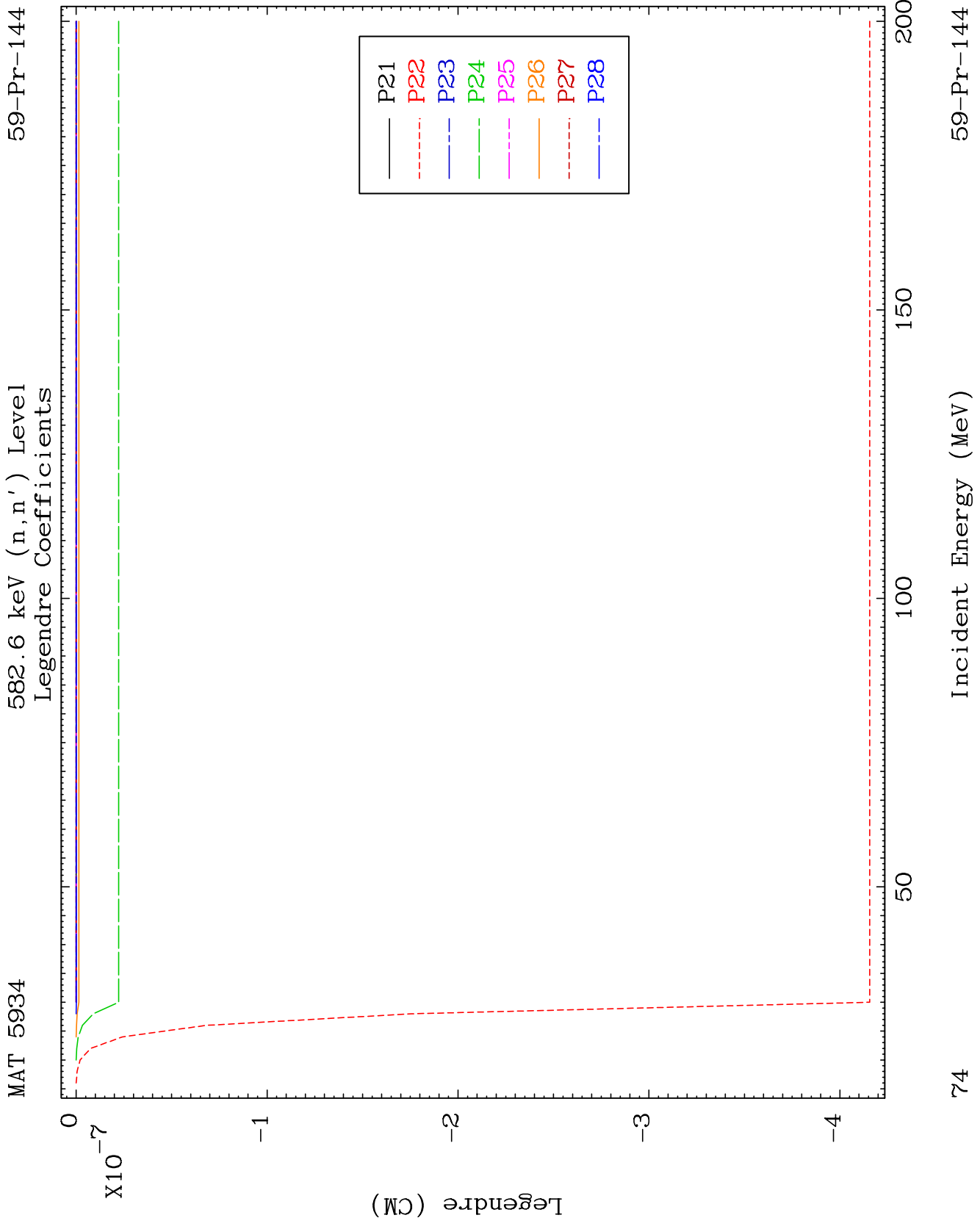
59-Pr-144



73

Incident Energy (MeV)

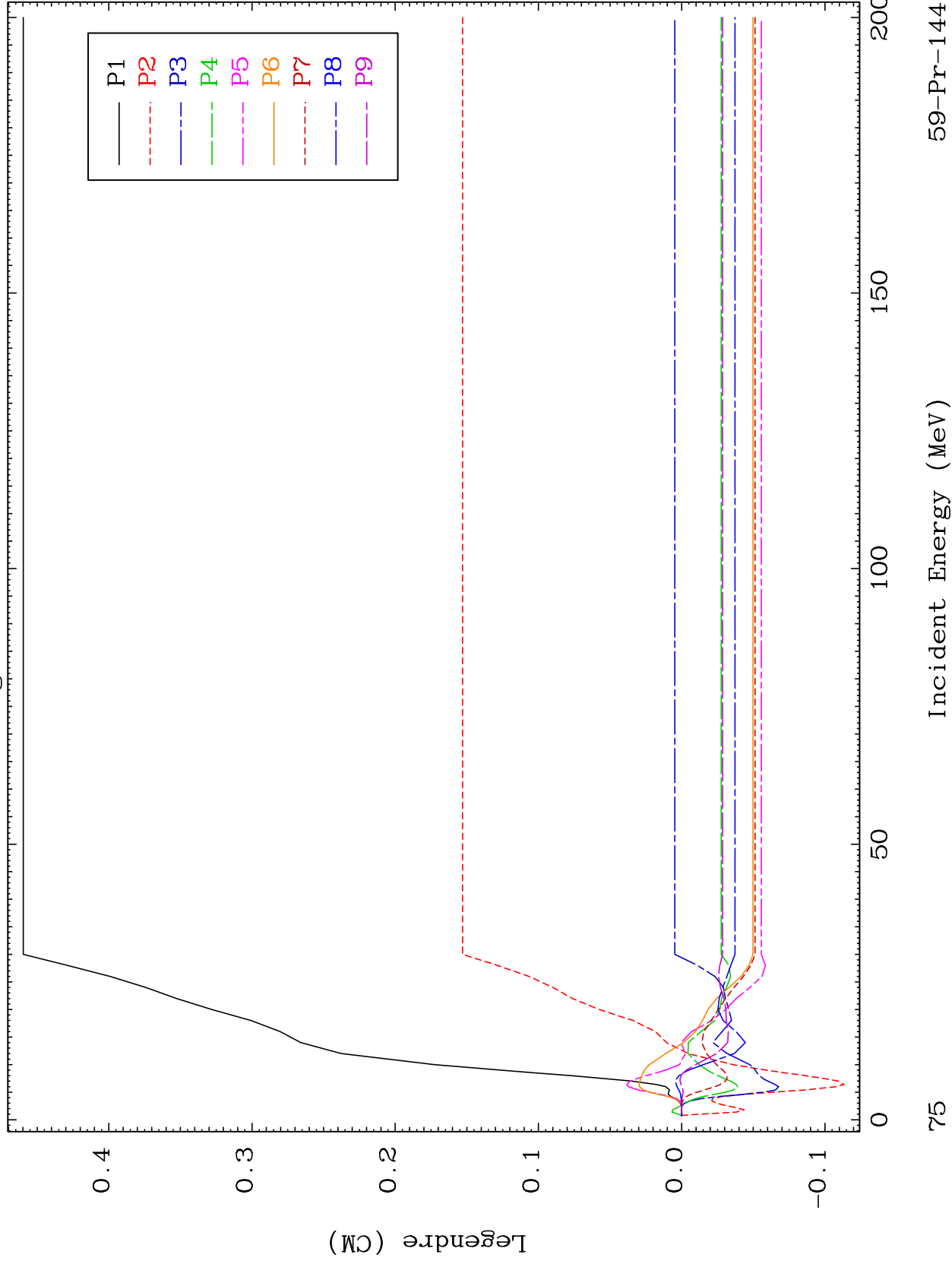
59-Pr-144



MAT 5934

669.7 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

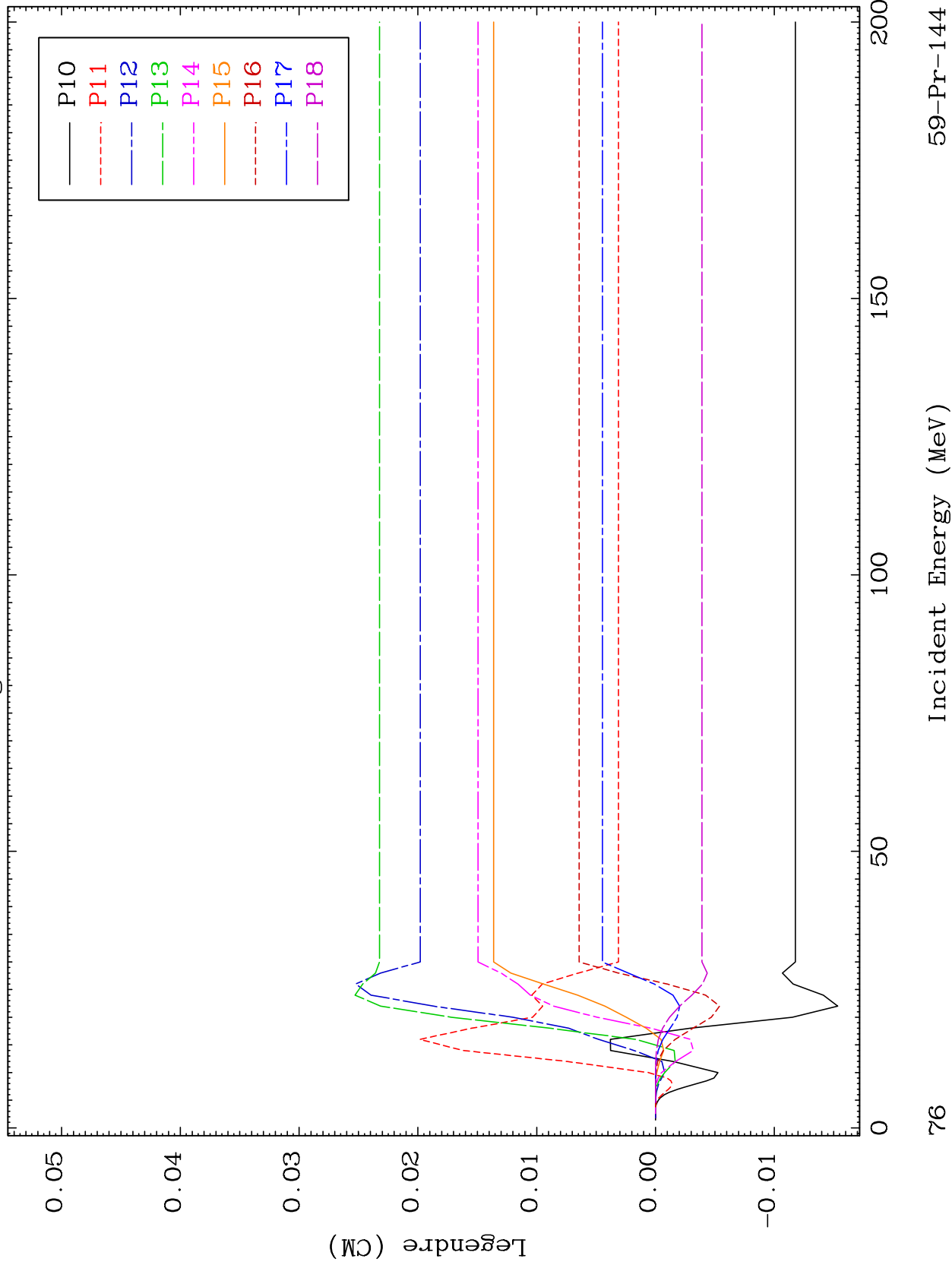
Incident Energy (MeV)

75

MAT 5934

669.7 keV (n,n') Level
Legendre Coefficients

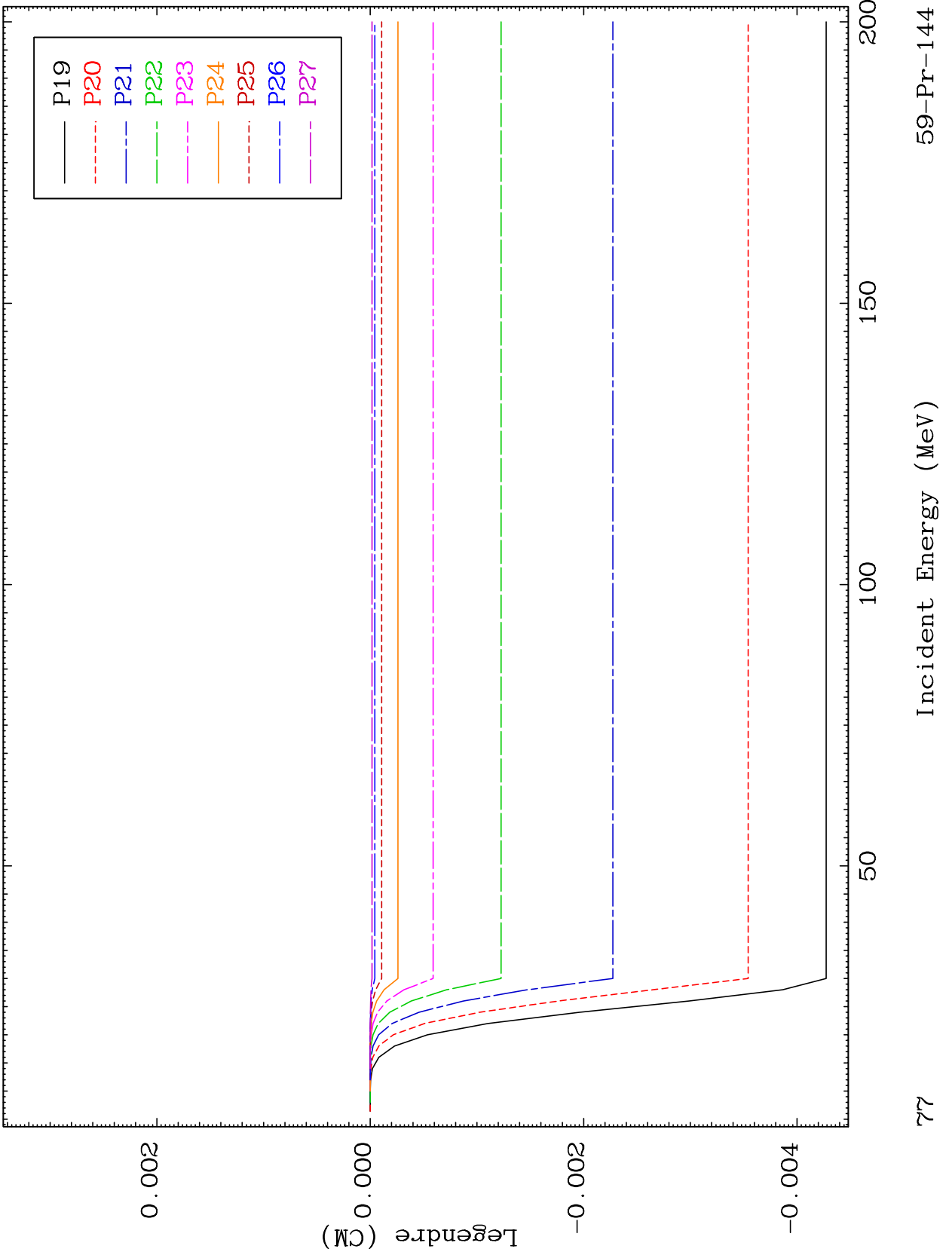
59-Pr-144

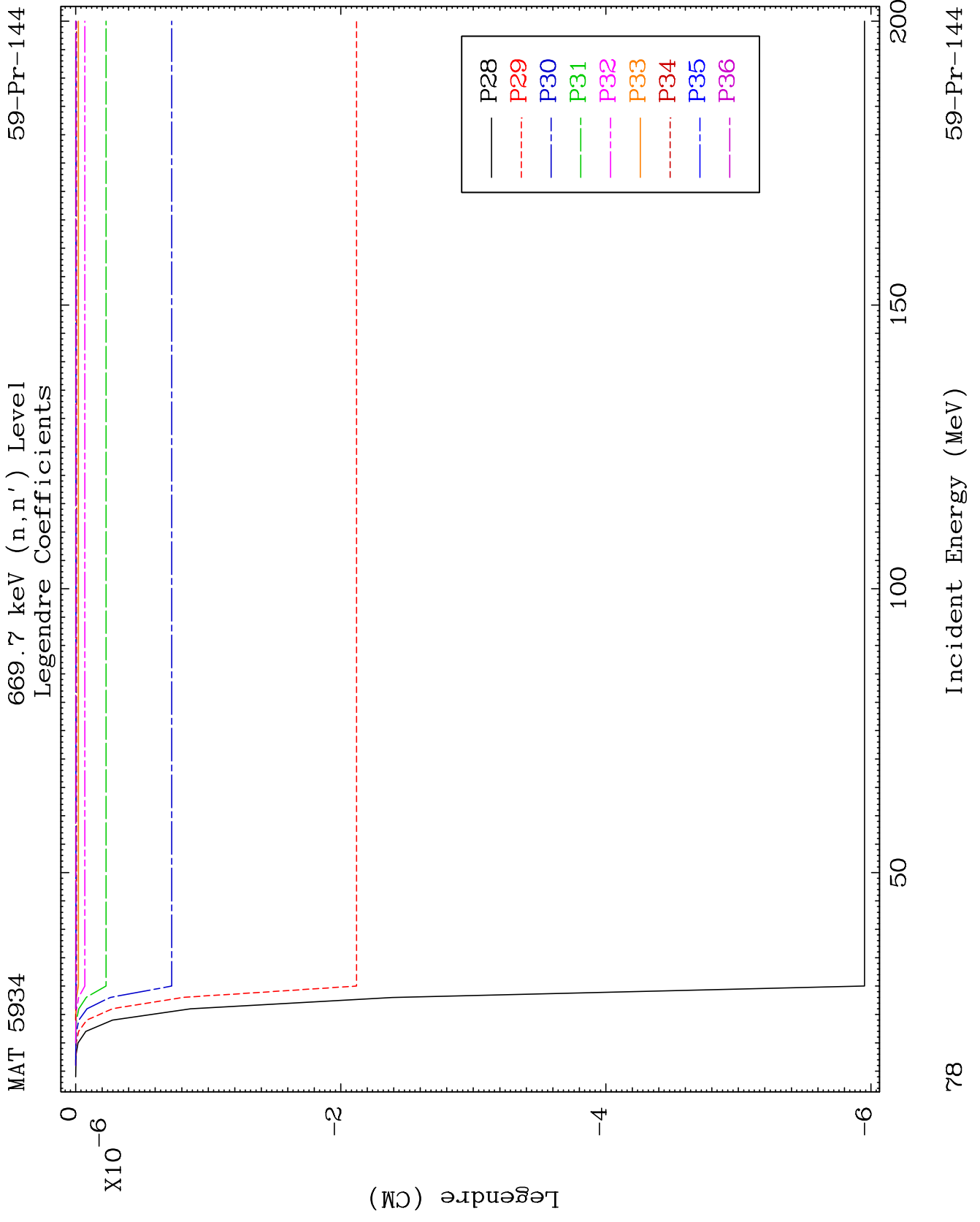


59-Pr-144

Incident Energy (MeV)

76

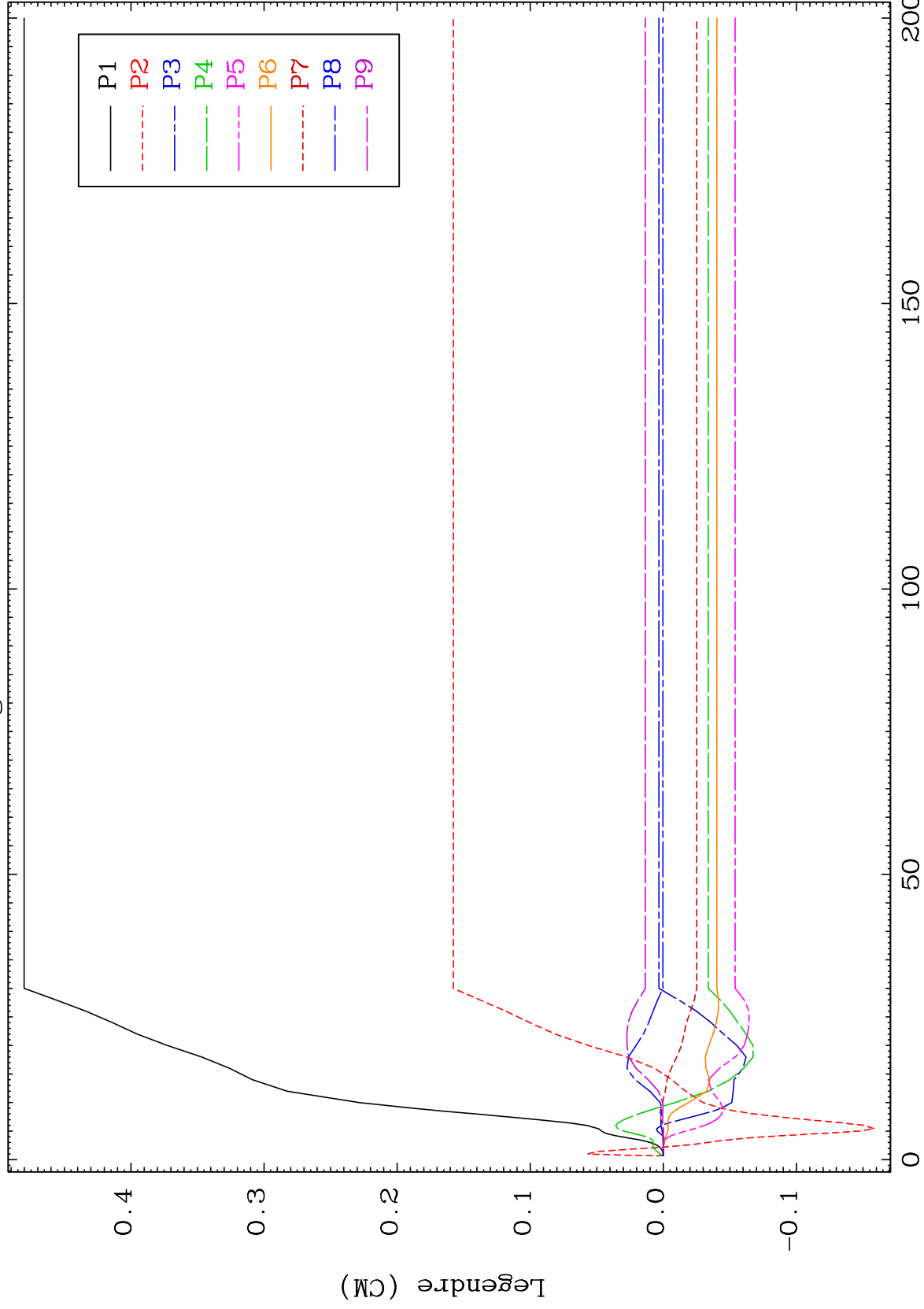




MAT 5934

678.0 keV (n,n') Level
Legendre Coefficients

59-Pr-144



79

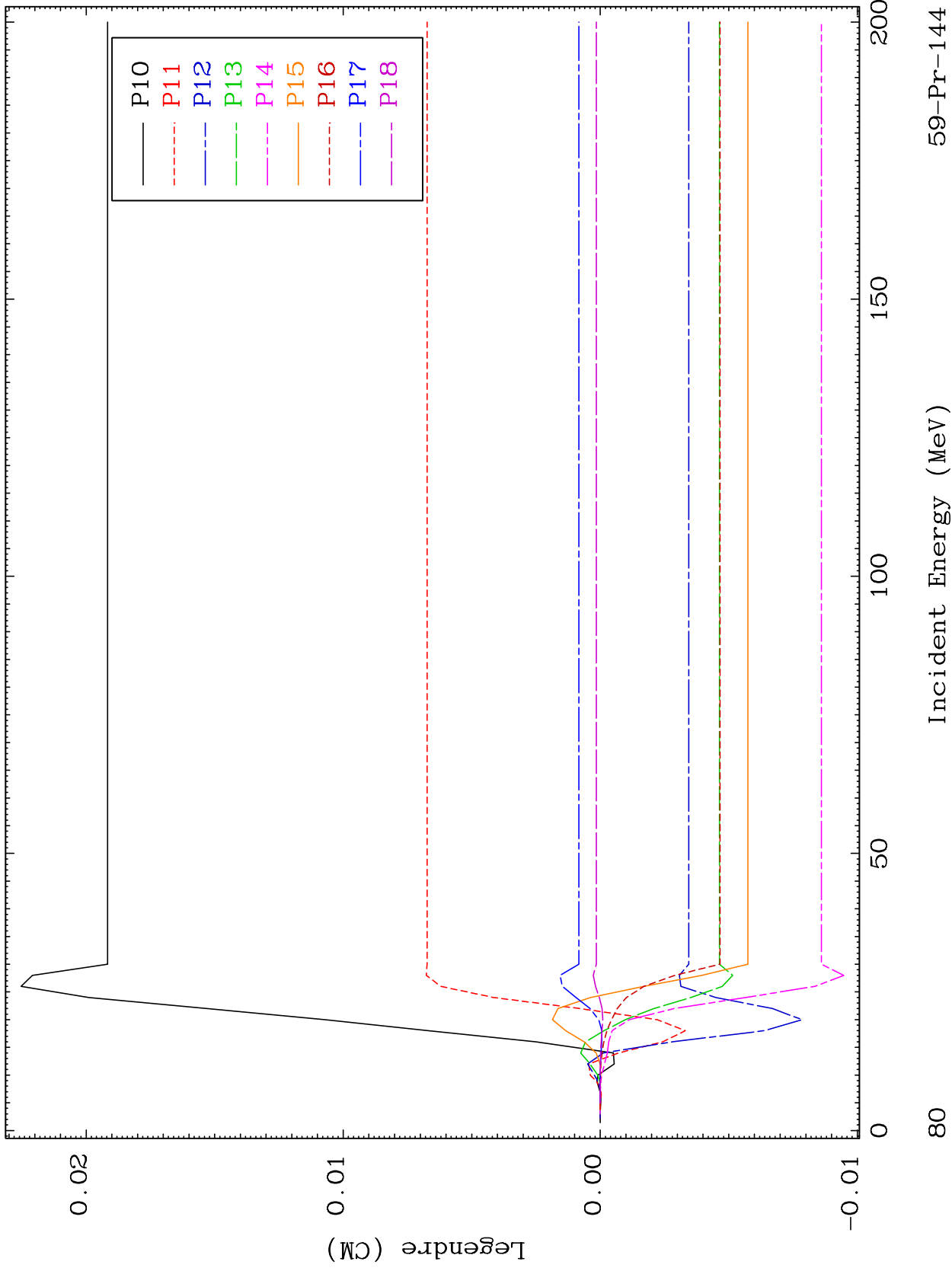
Incident Energy (MeV)

59-Pr-144

MAT 5934

678.0 keV (n,n') Level
Legendre Coefficients

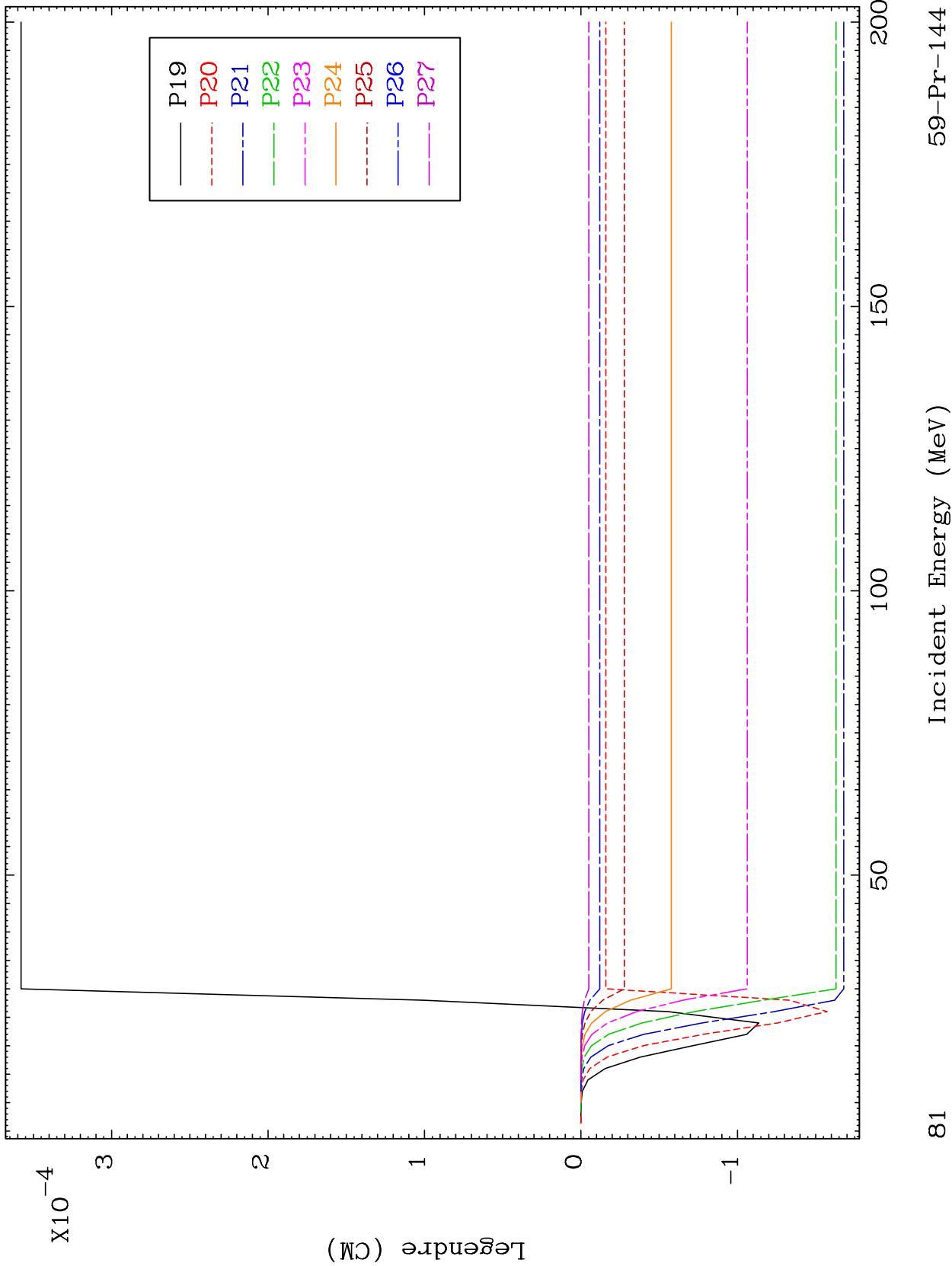
59-Pr-144

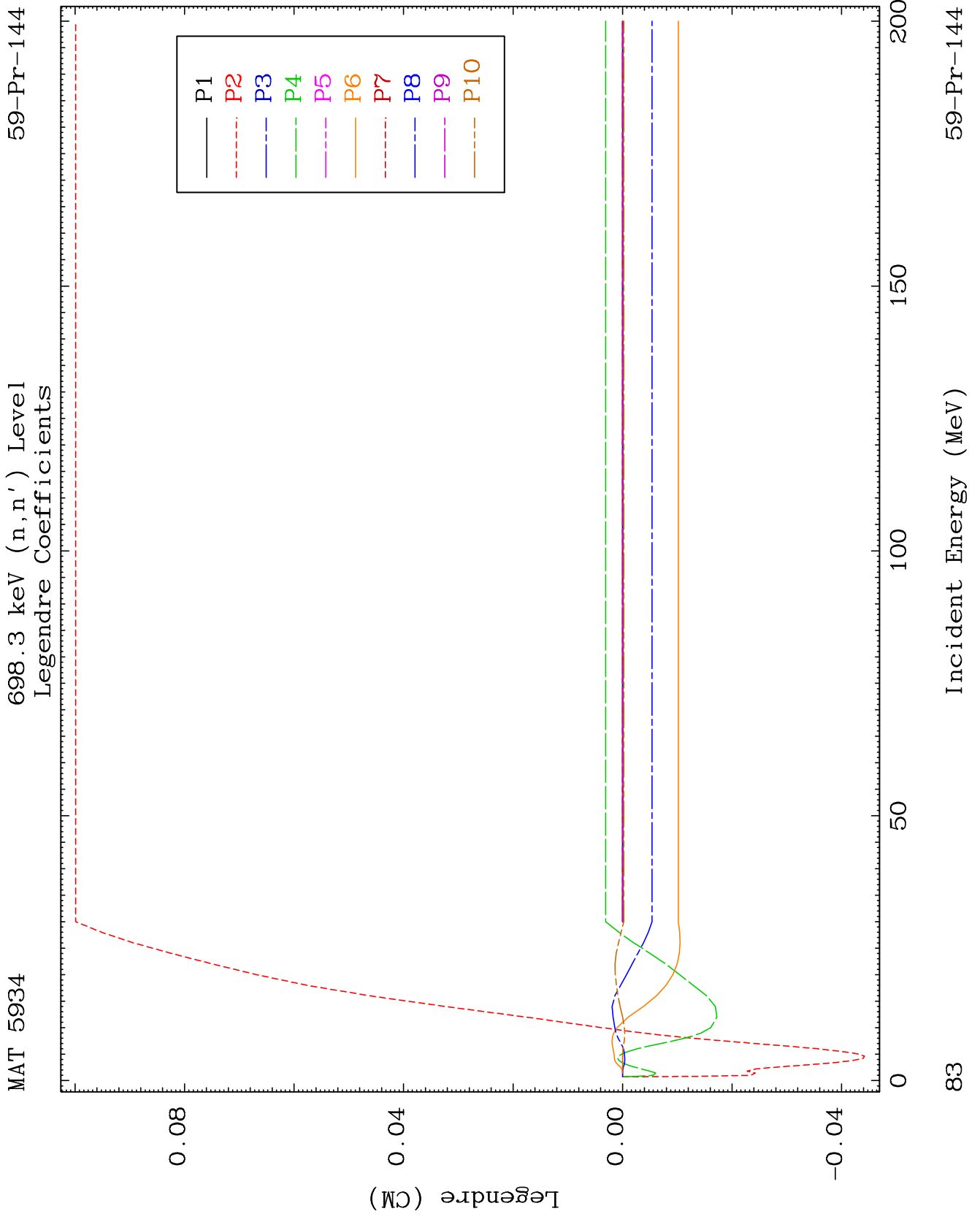


59-Pr-144

Incident Energy (MeV)

80

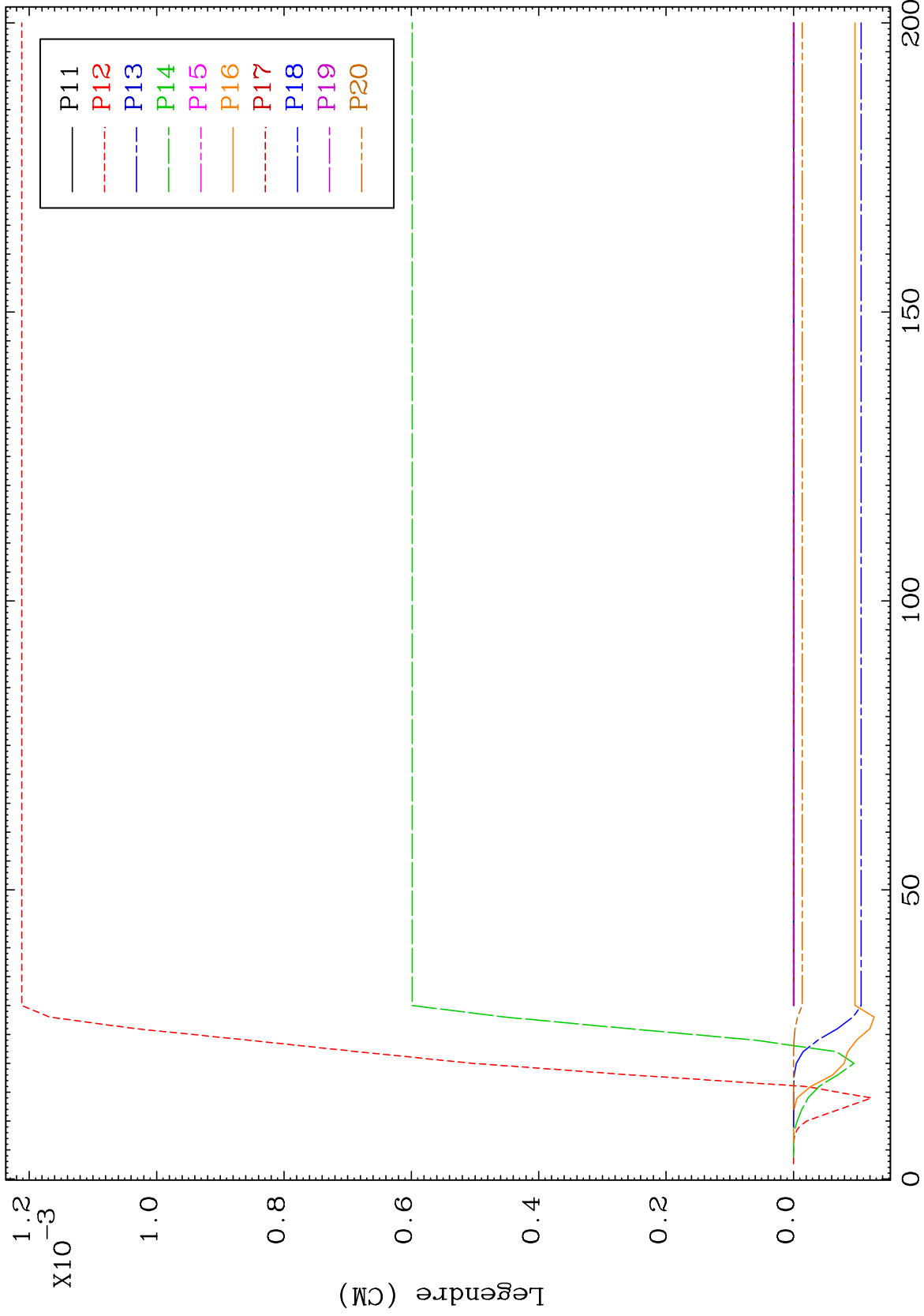




MAT 5934

698.3 keV (n,n') Level
Legendre Coefficients

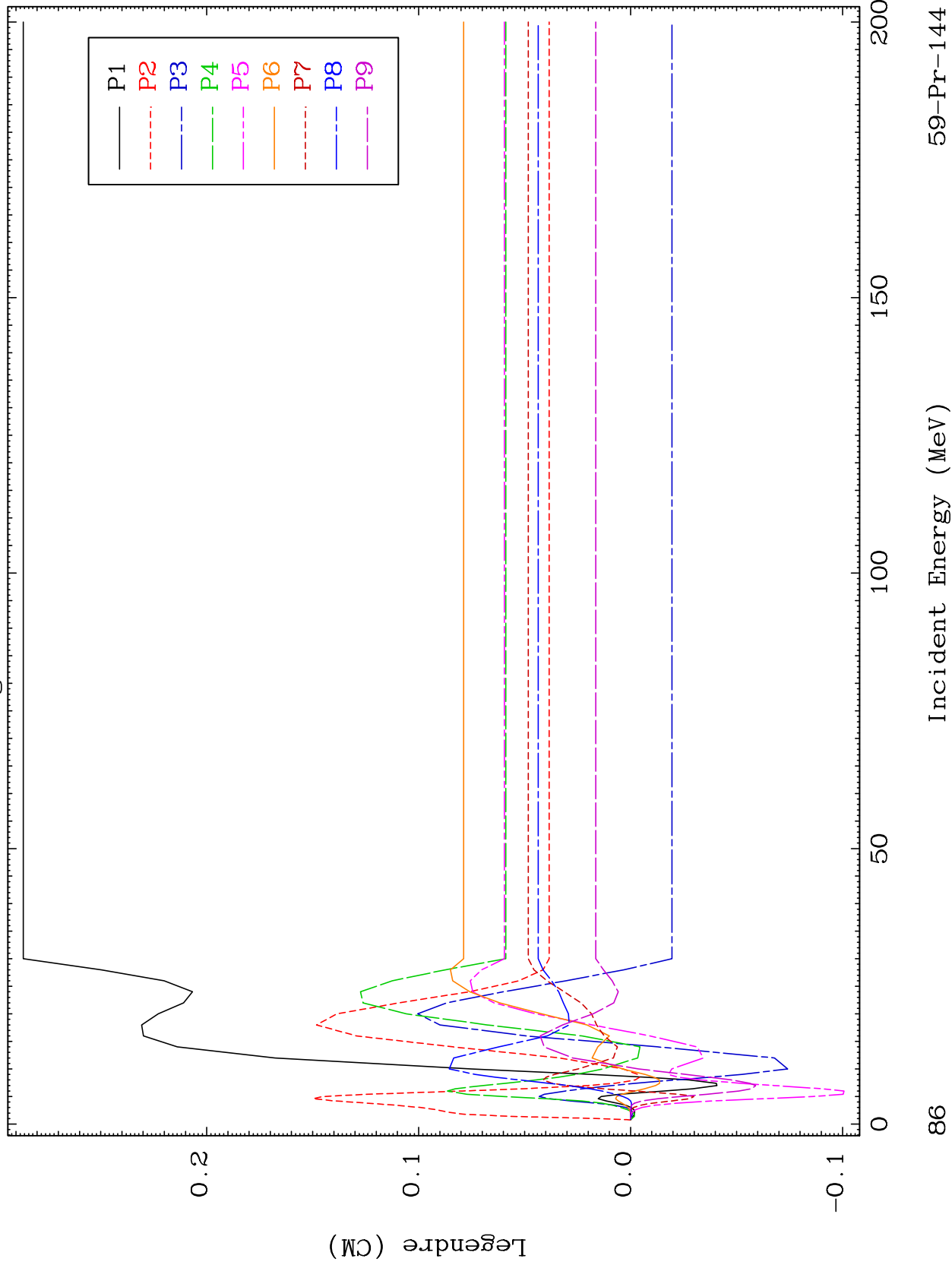
59-Pr-144

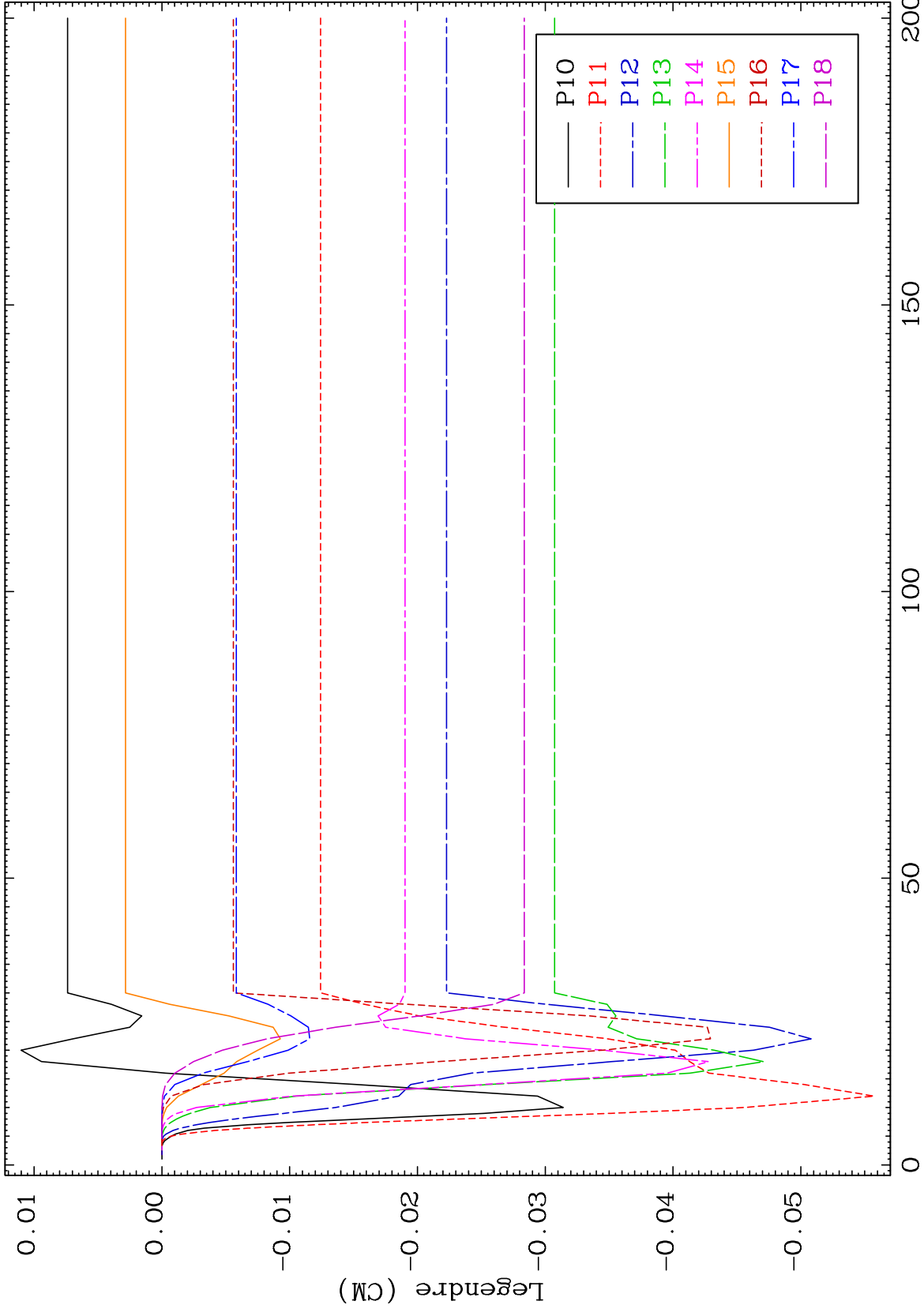


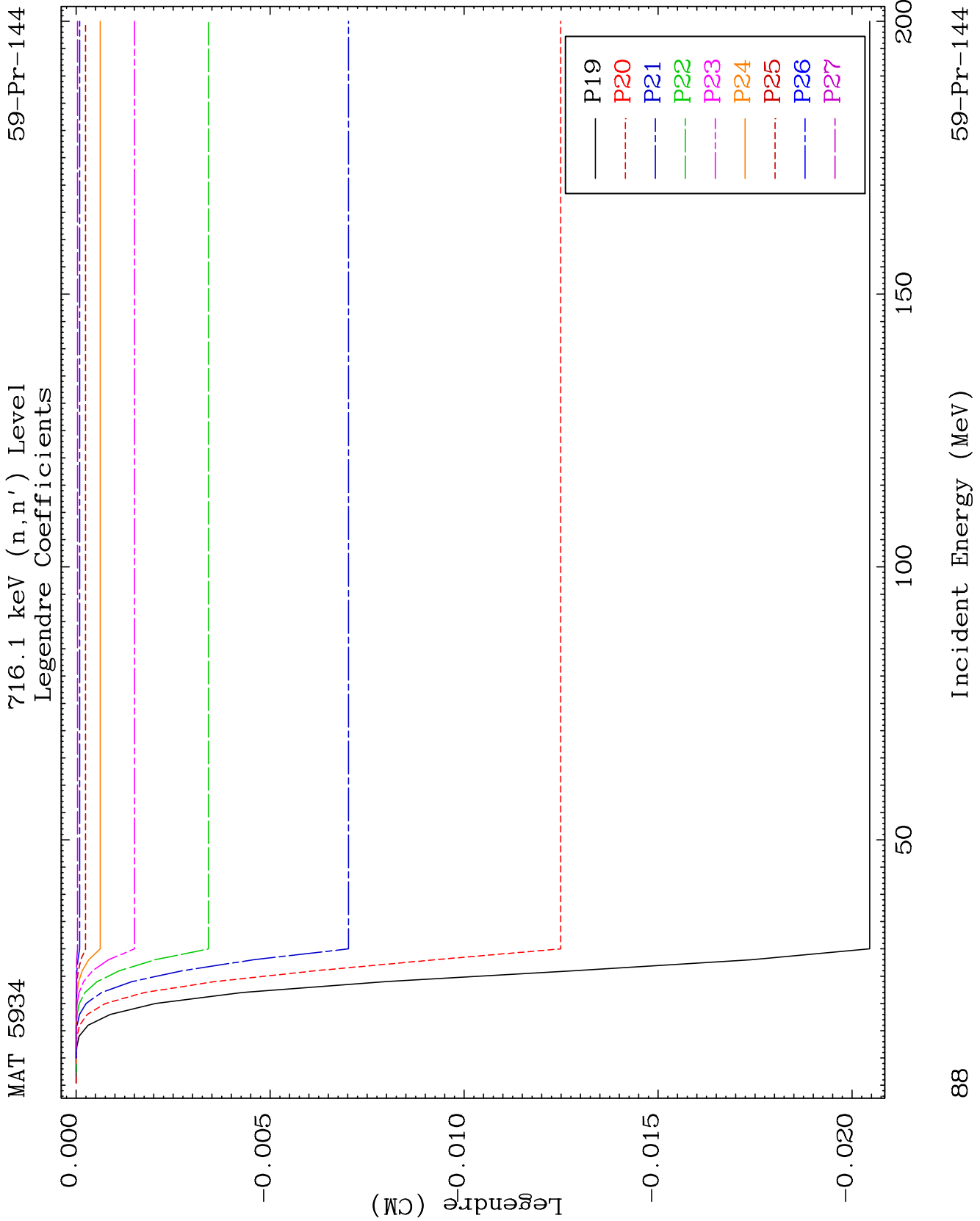
59-Pr-144

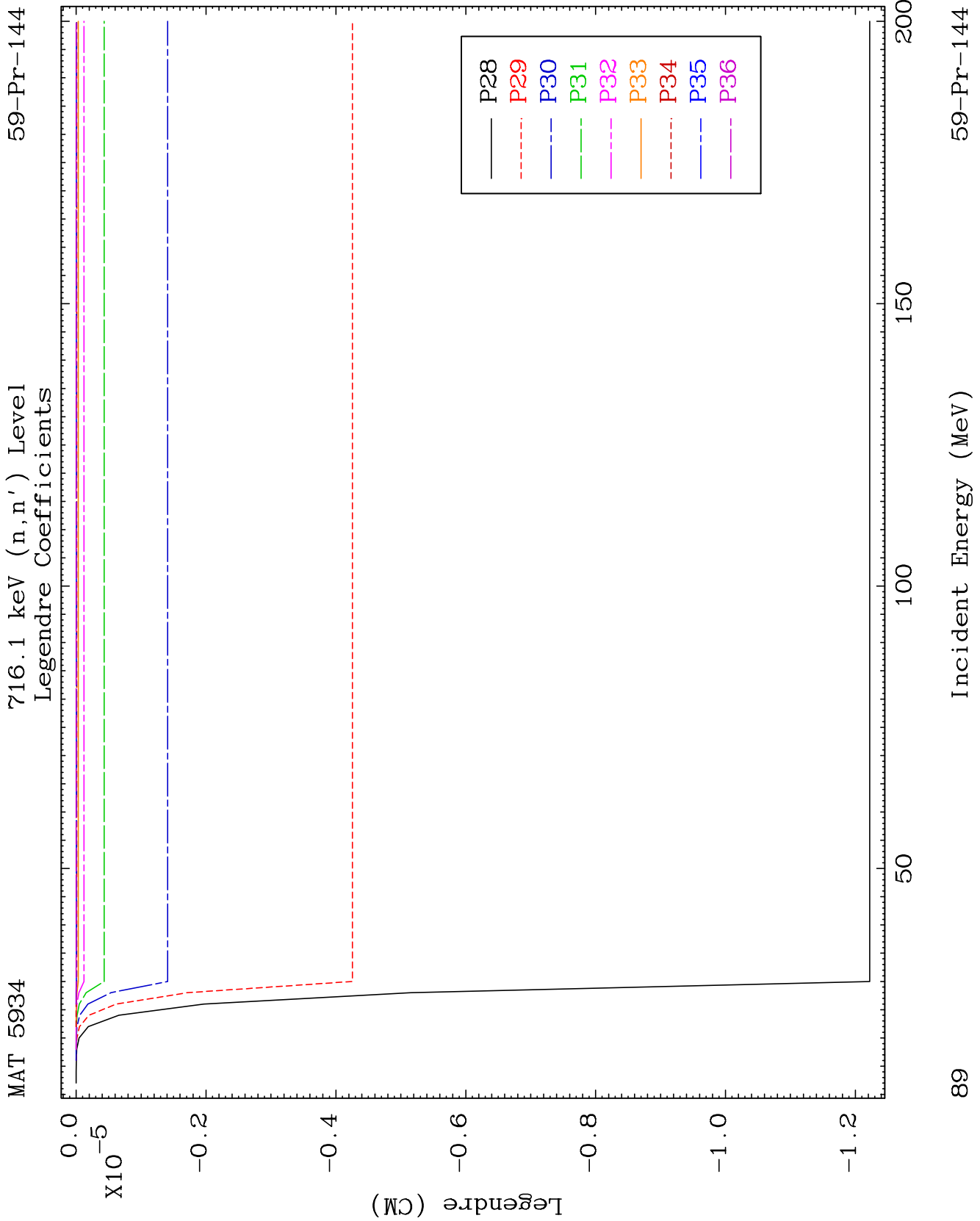
Incident Energy (MeV)

84





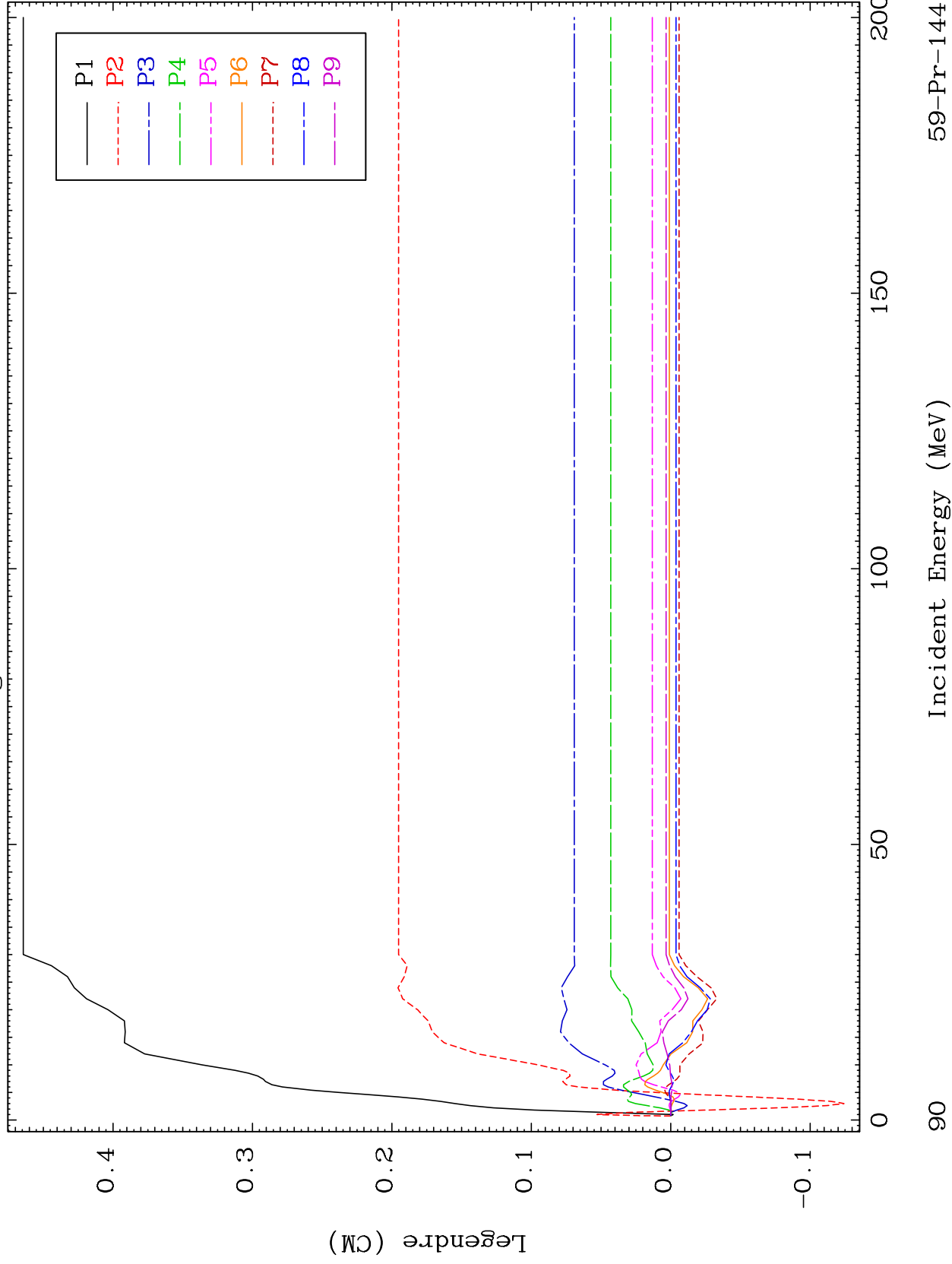




MAT 5934

723.8 keV (n,n') Level
Legendre Coefficients

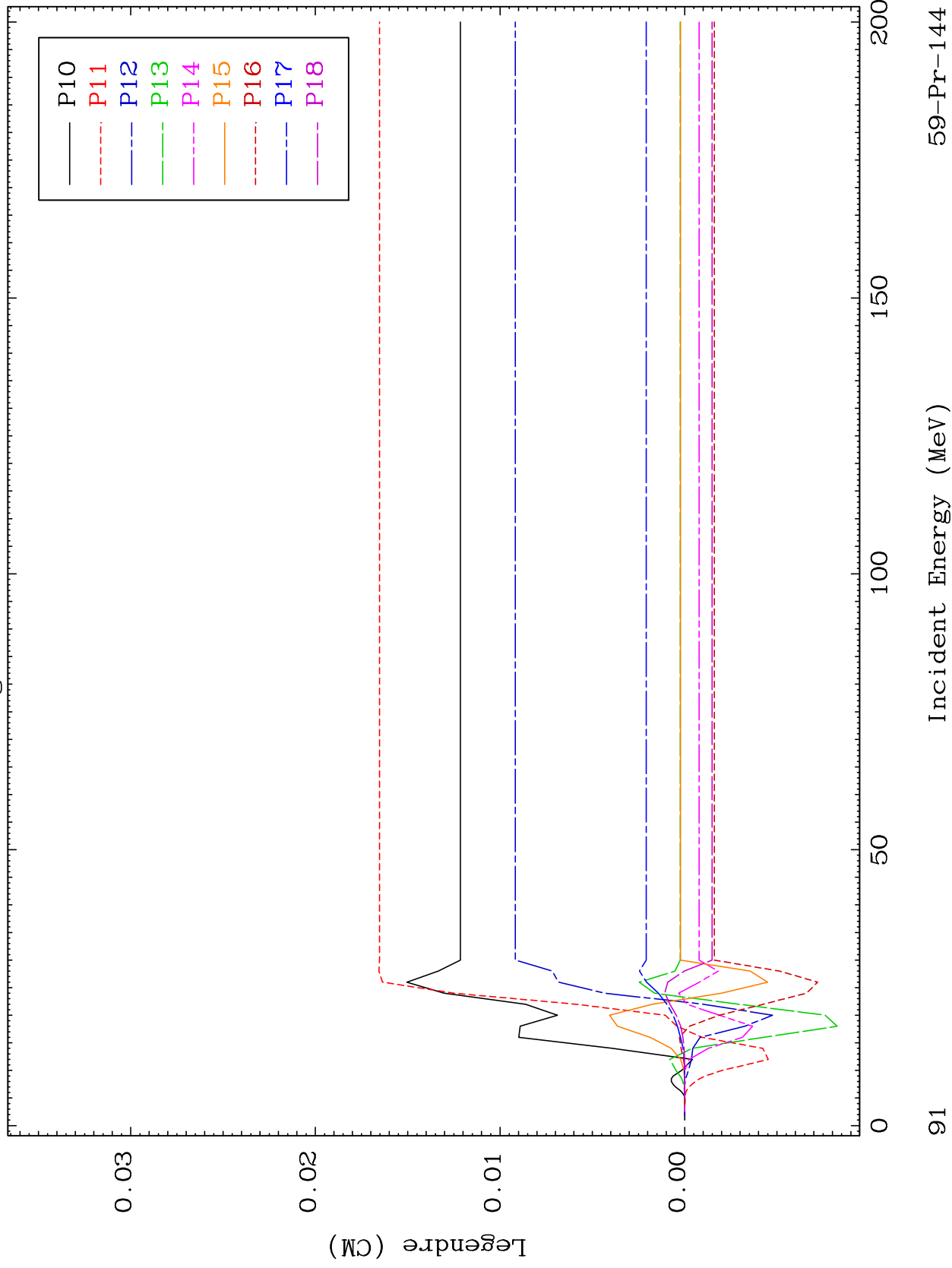
59-Pr-144



MAT 5934

723.8 keV (n,n') Level
Legendre Coefficients

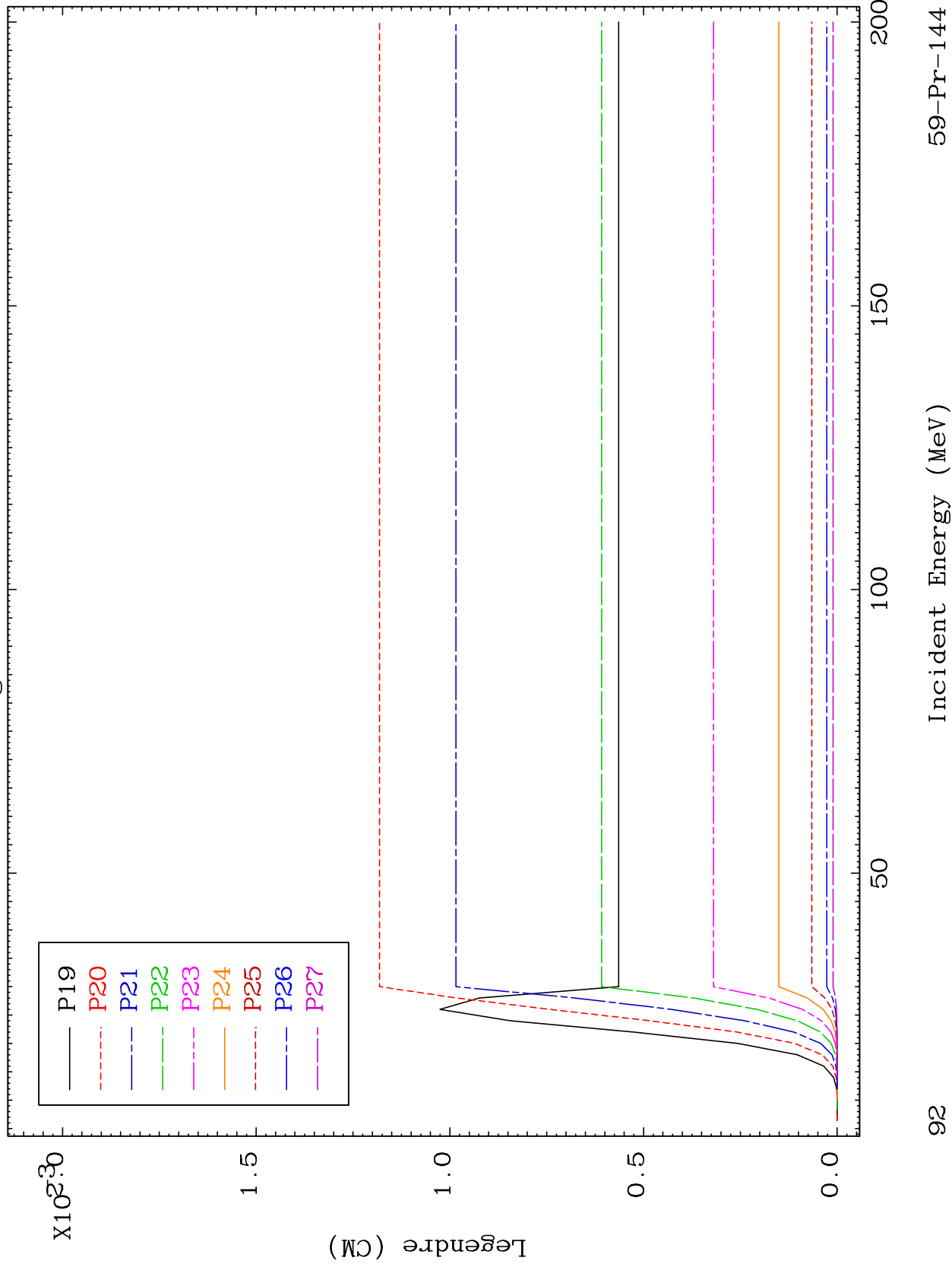
59-Pr-144



91

Incident Energy (MeV)

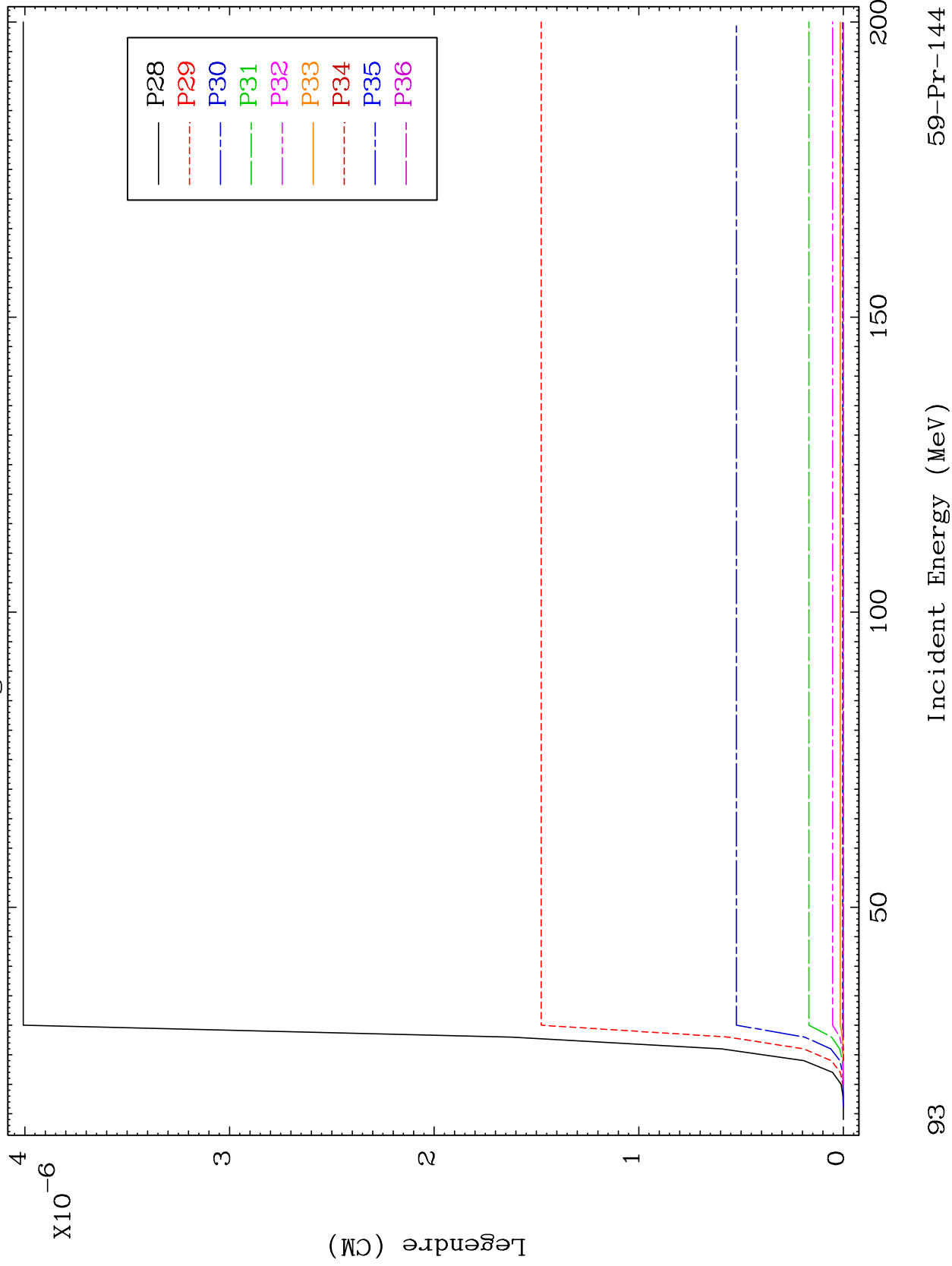
59-Pr-144



MAT 5934

723.8 keV (n,n') Level
Legendre Coefficients

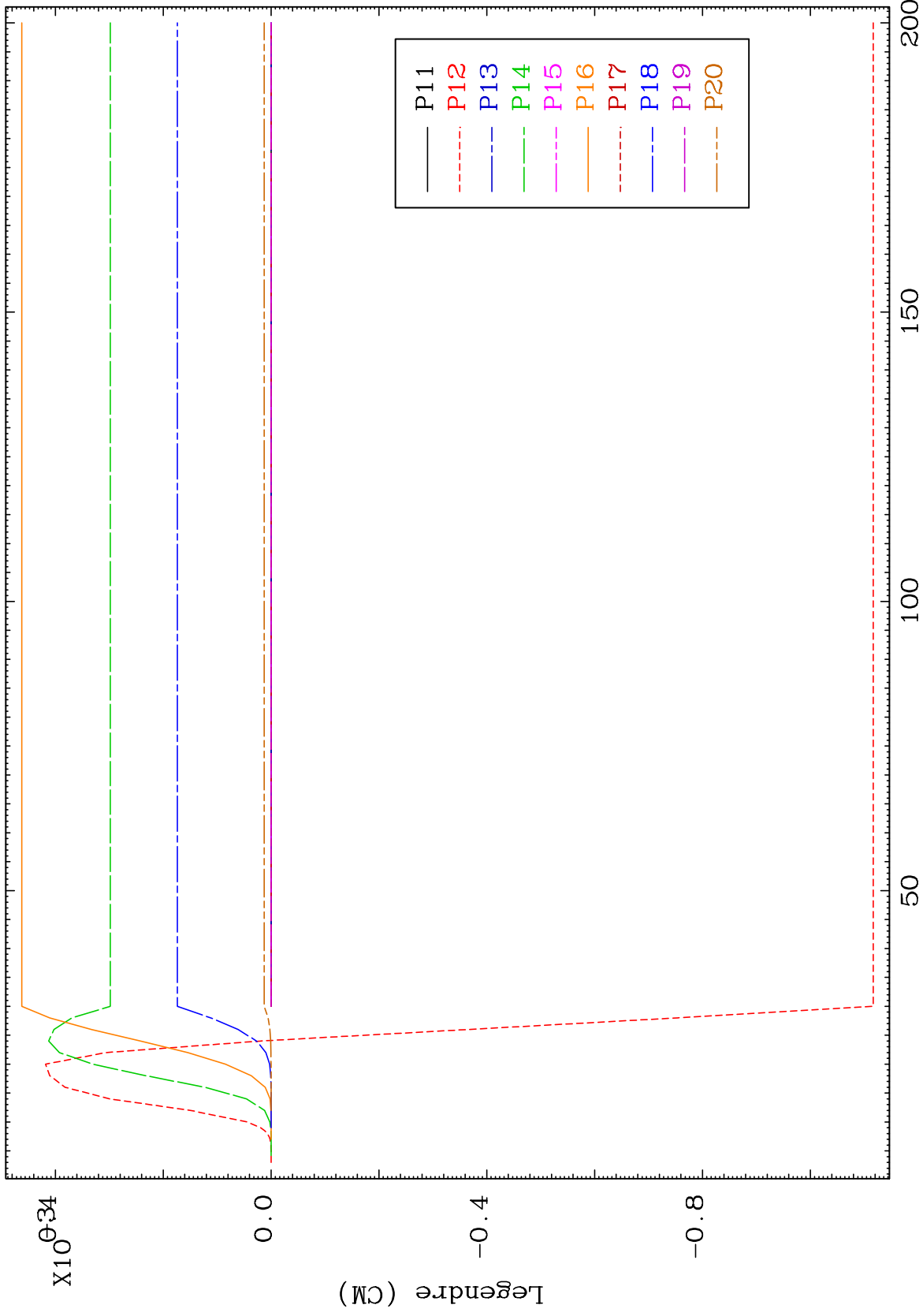
59-Pr-144



MAT 5934

725.4 keV (n,n') Level
Legendre Coefficients

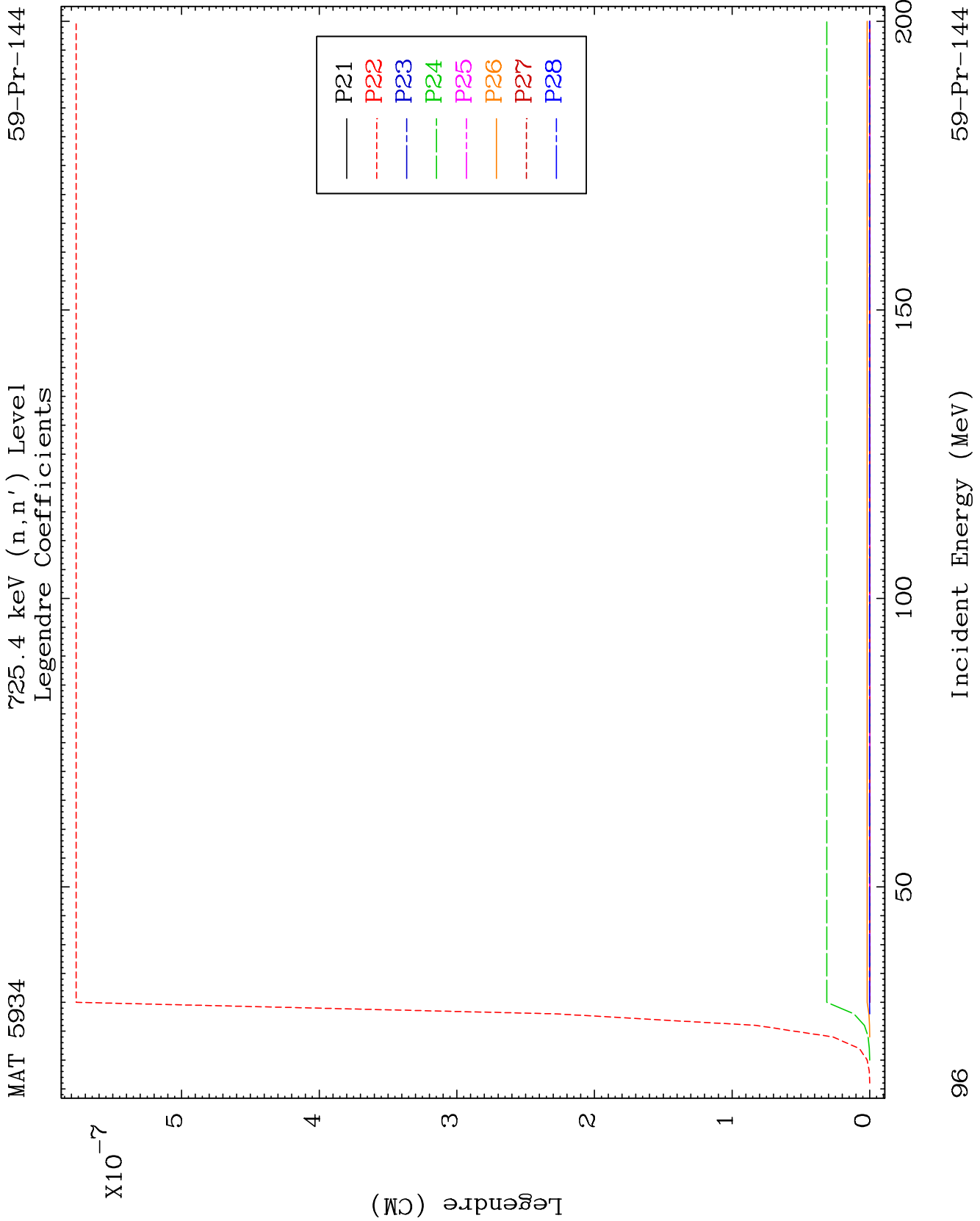
59-Pr-144

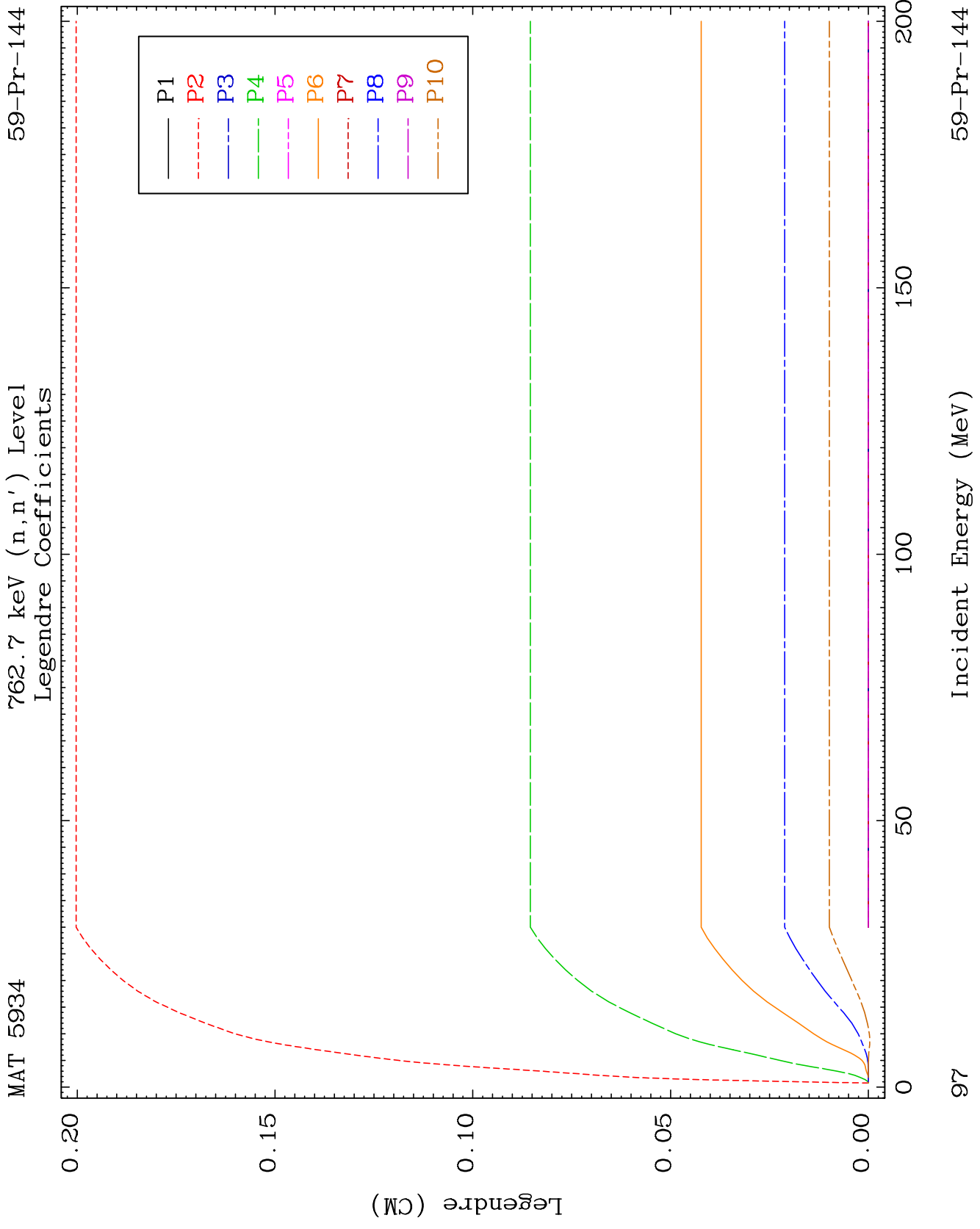


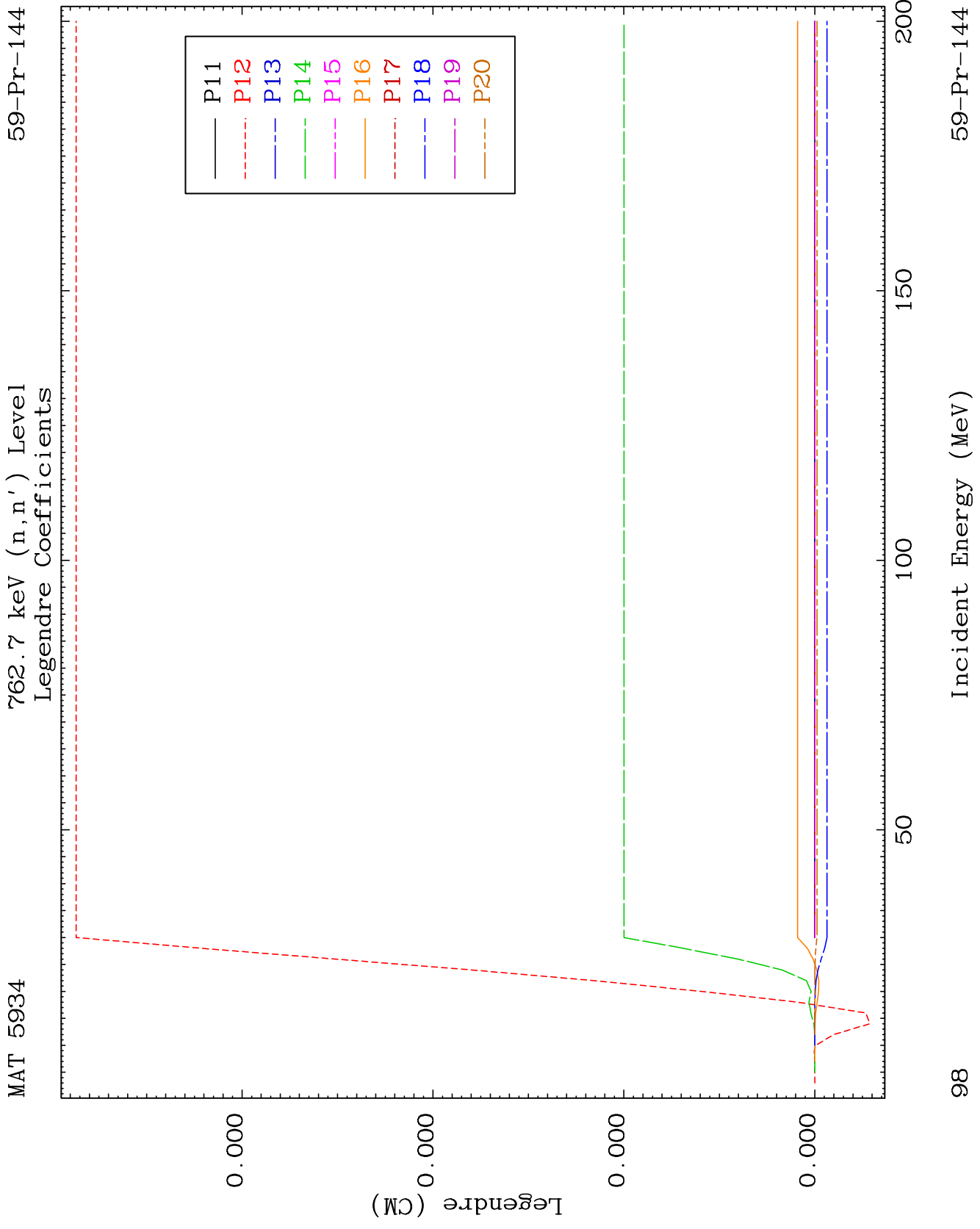
95

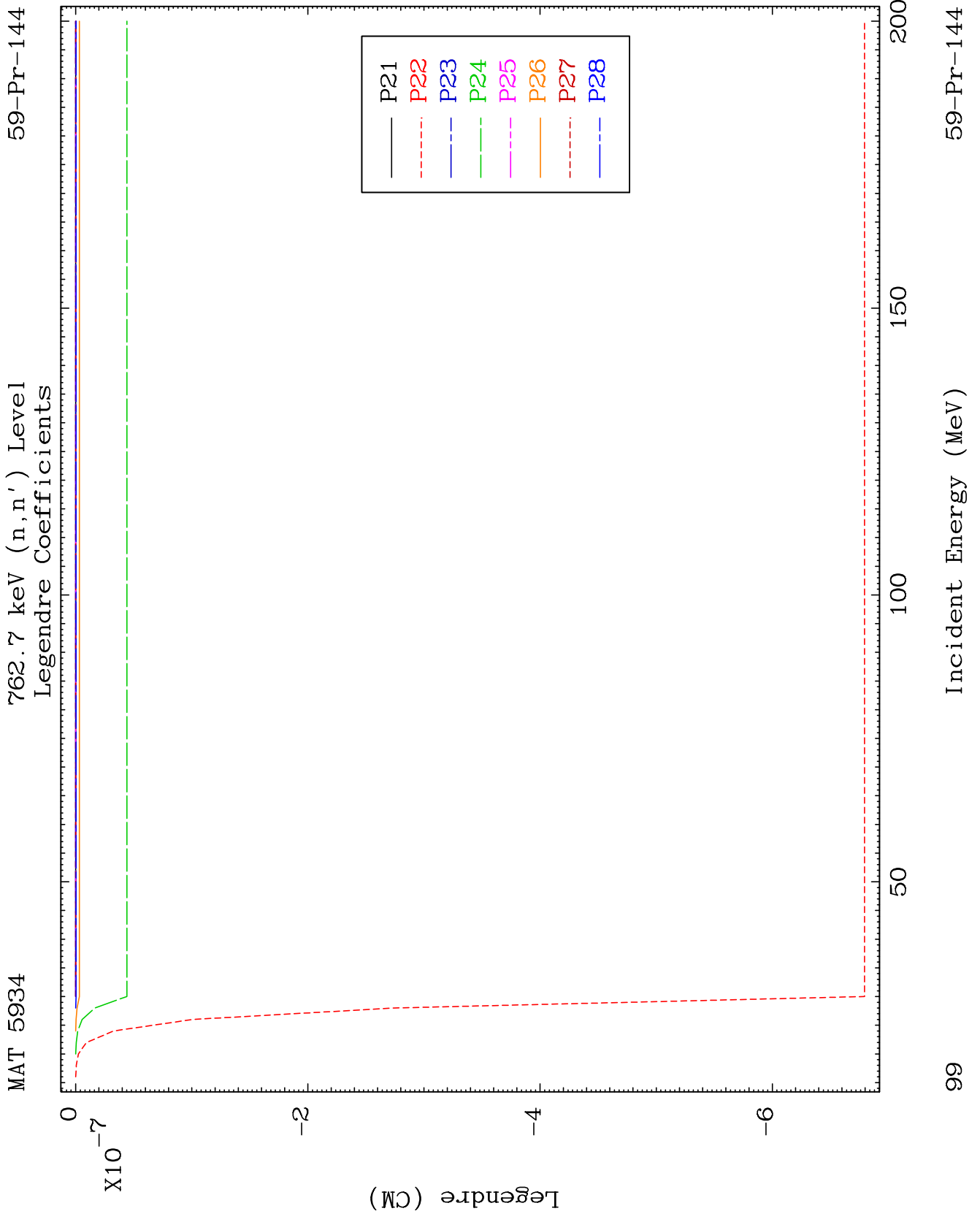
Incident Energy (MeV)

59-Pr-144





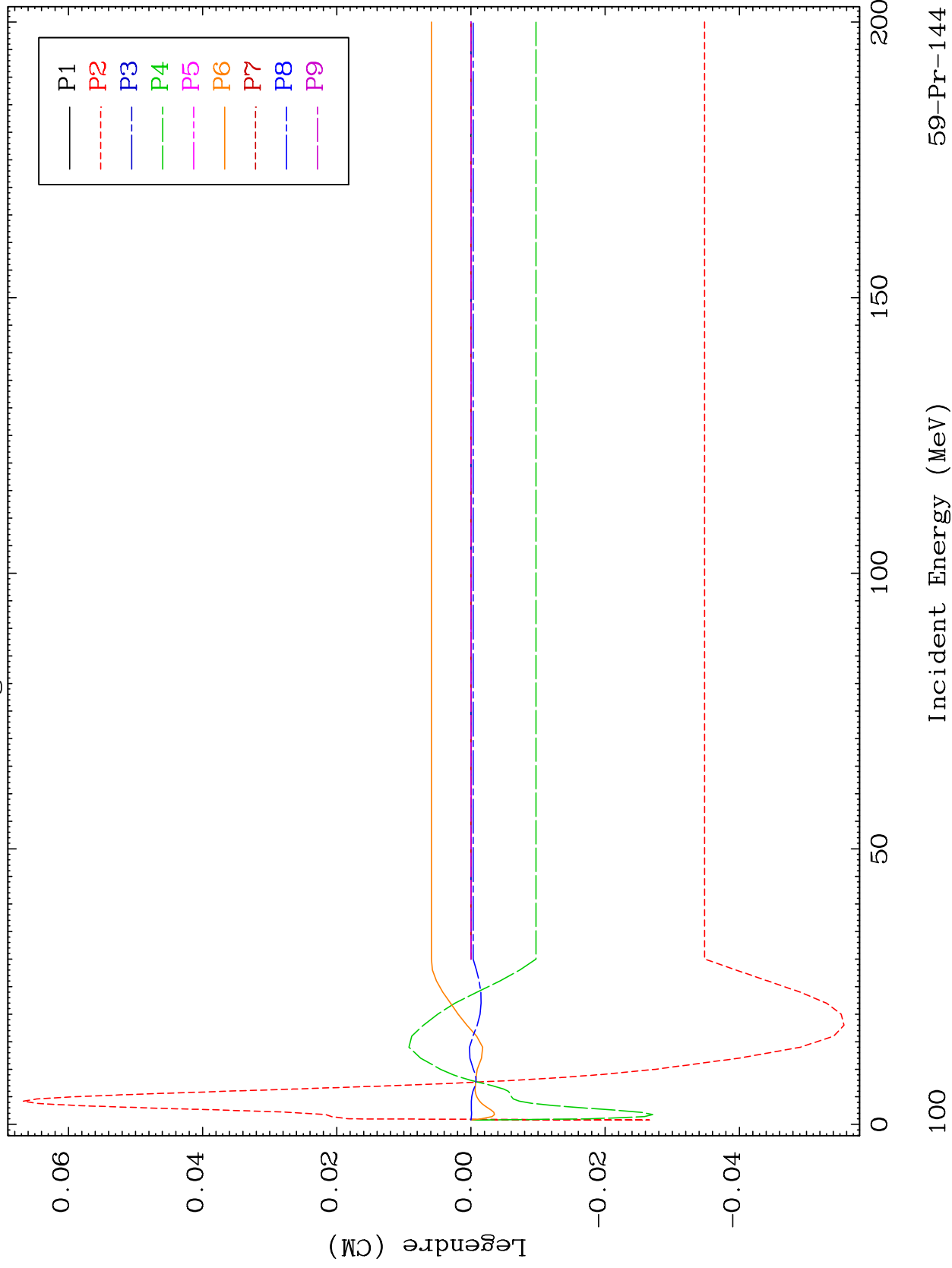




MAT 5934

772.1 keV (n,n') Level
Legendre Coefficients

59-Pr-144

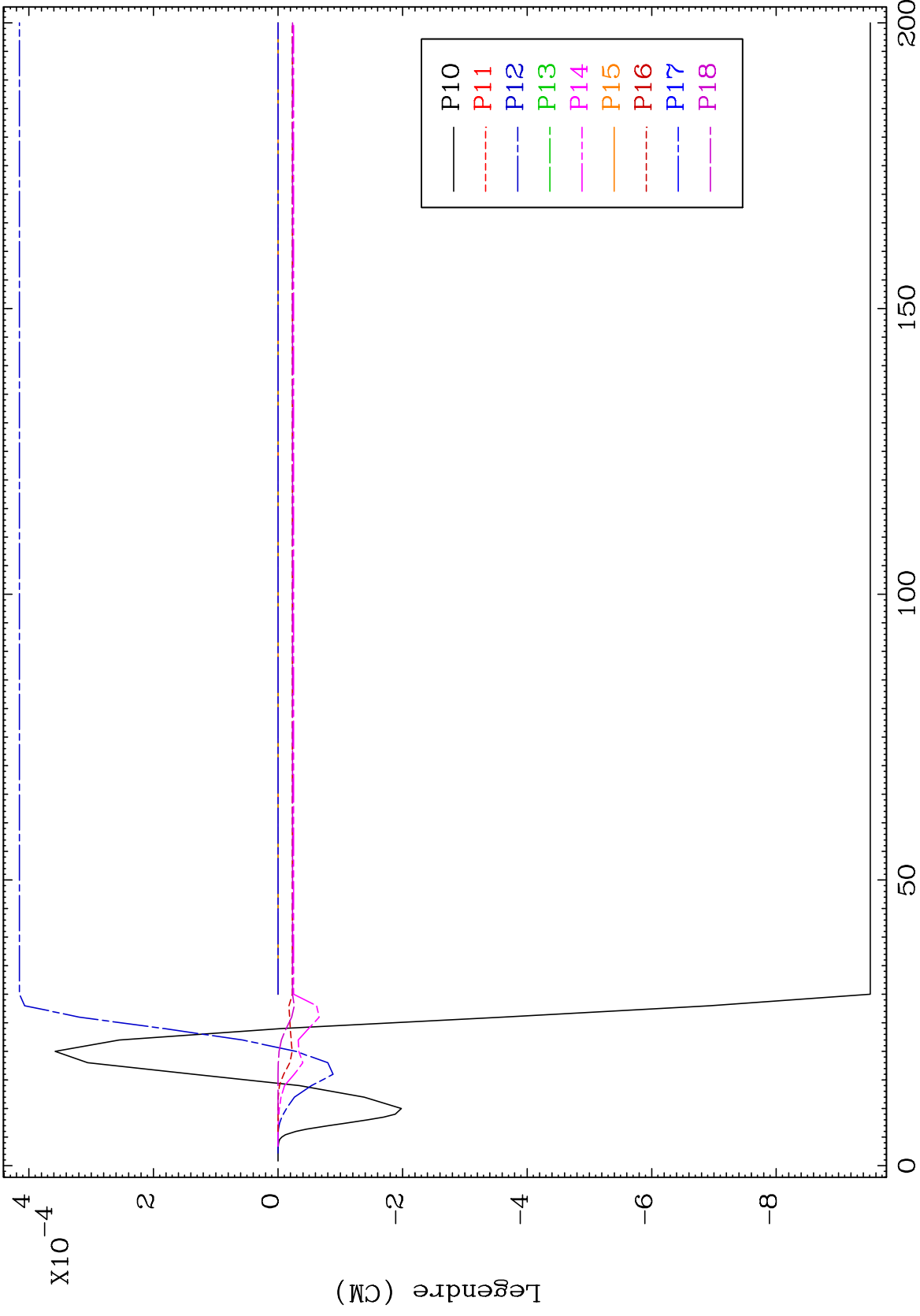


59-Pr-144

MAT 5934

772.1 keV (n,n') Level
Legendre Coefficients

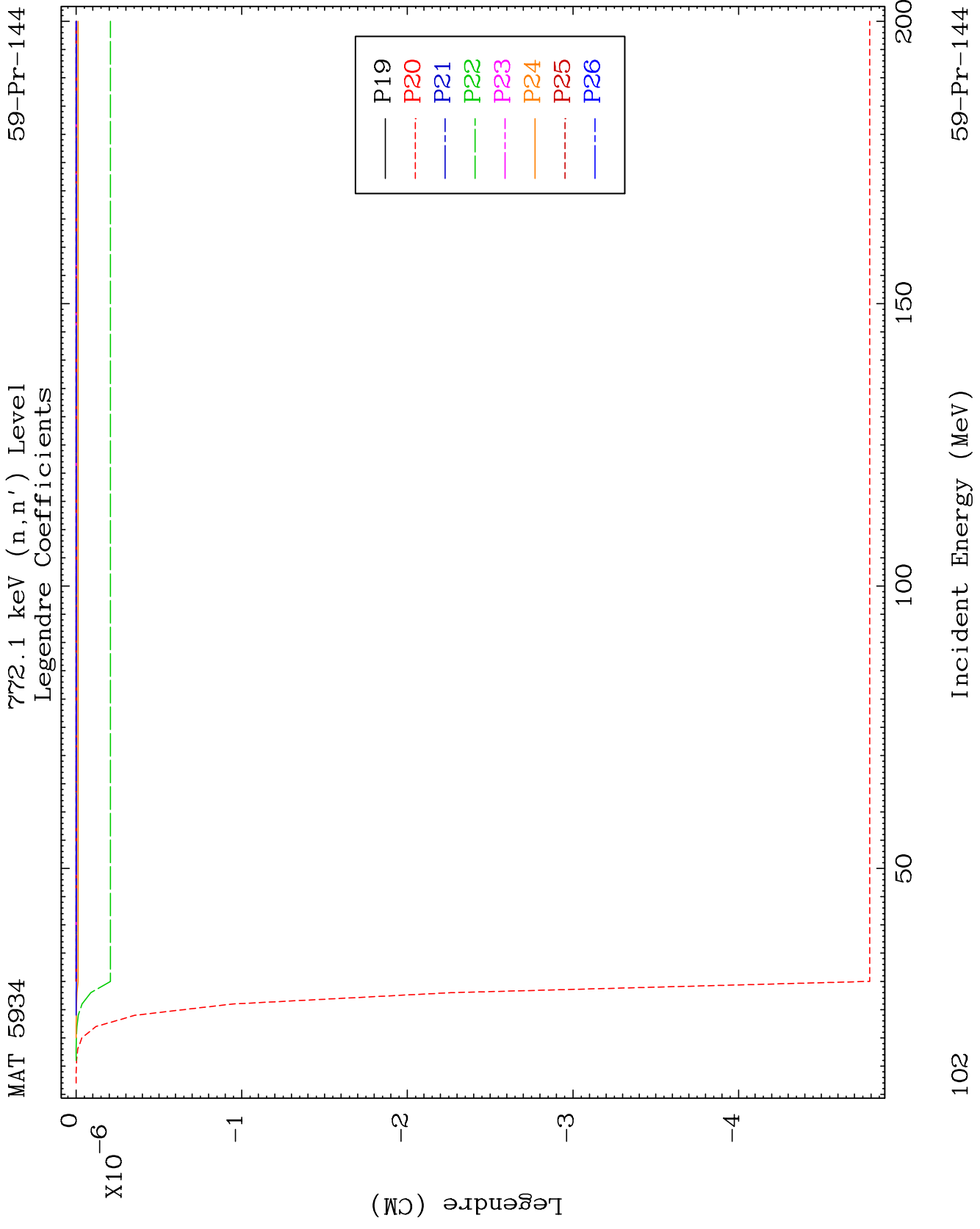
59-Pr-144

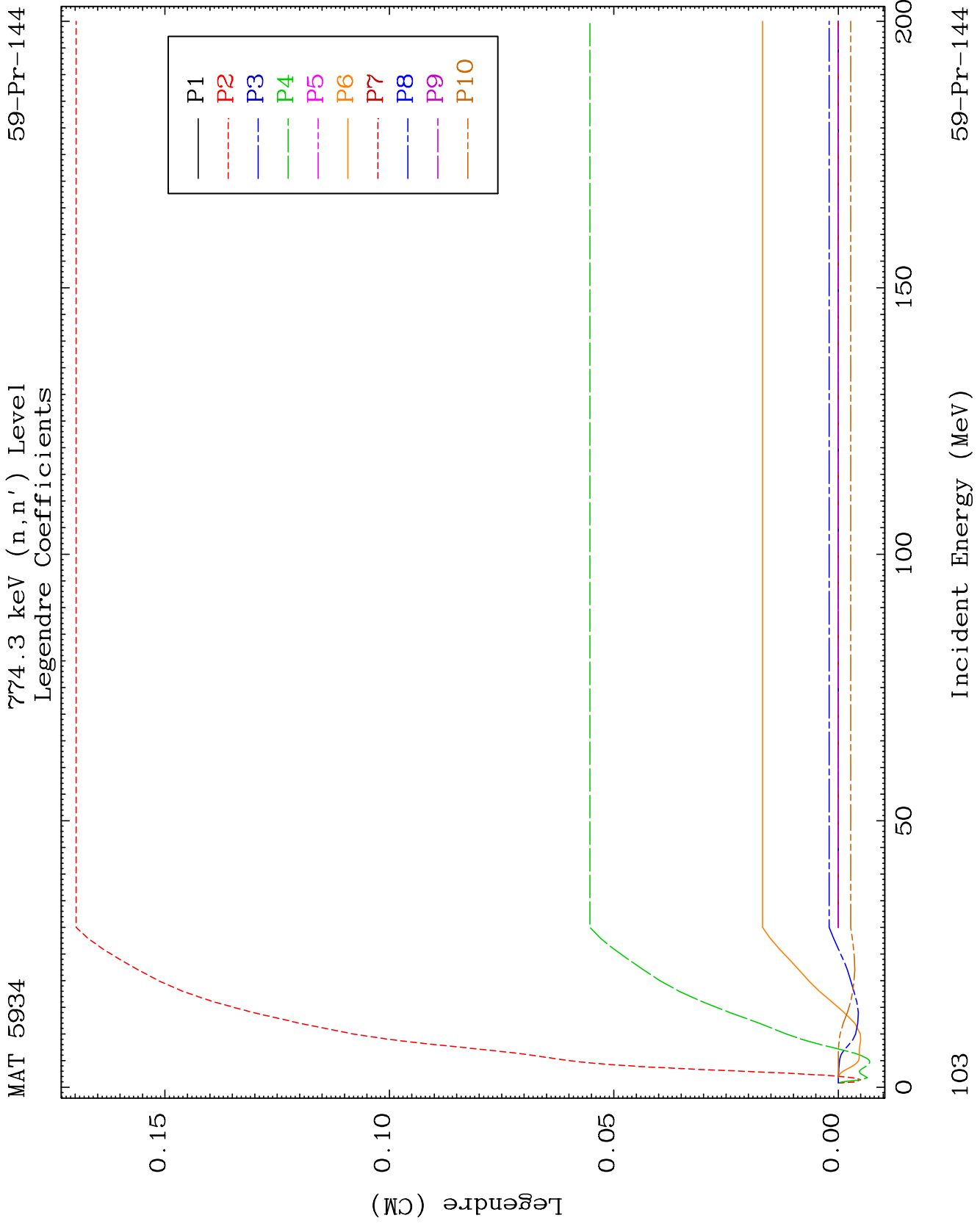


101

Incident Energy (MeV)

59-Pr-144

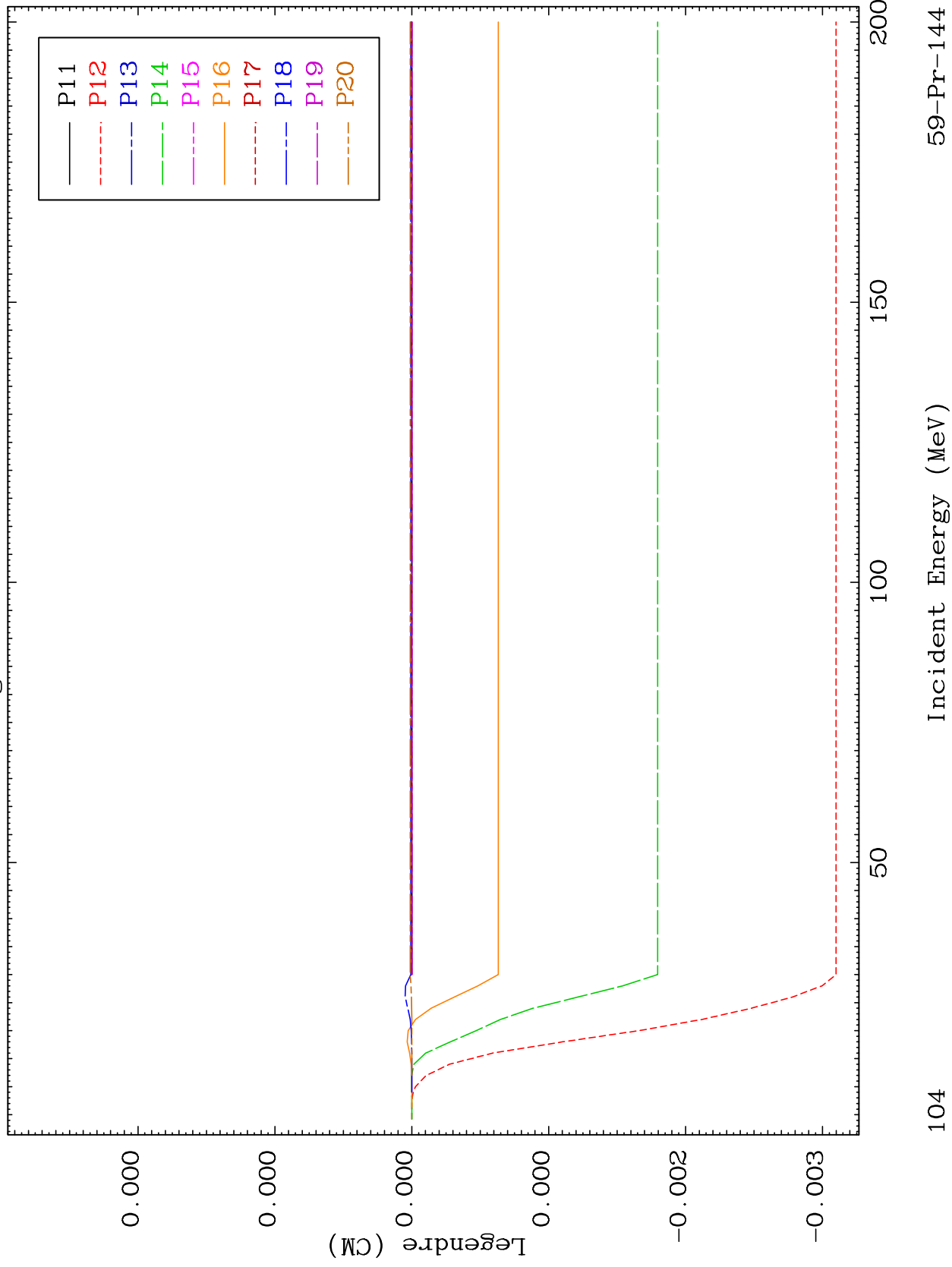




MAT 5934

774.3 keV (n,n') Level
Legendre Coefficients

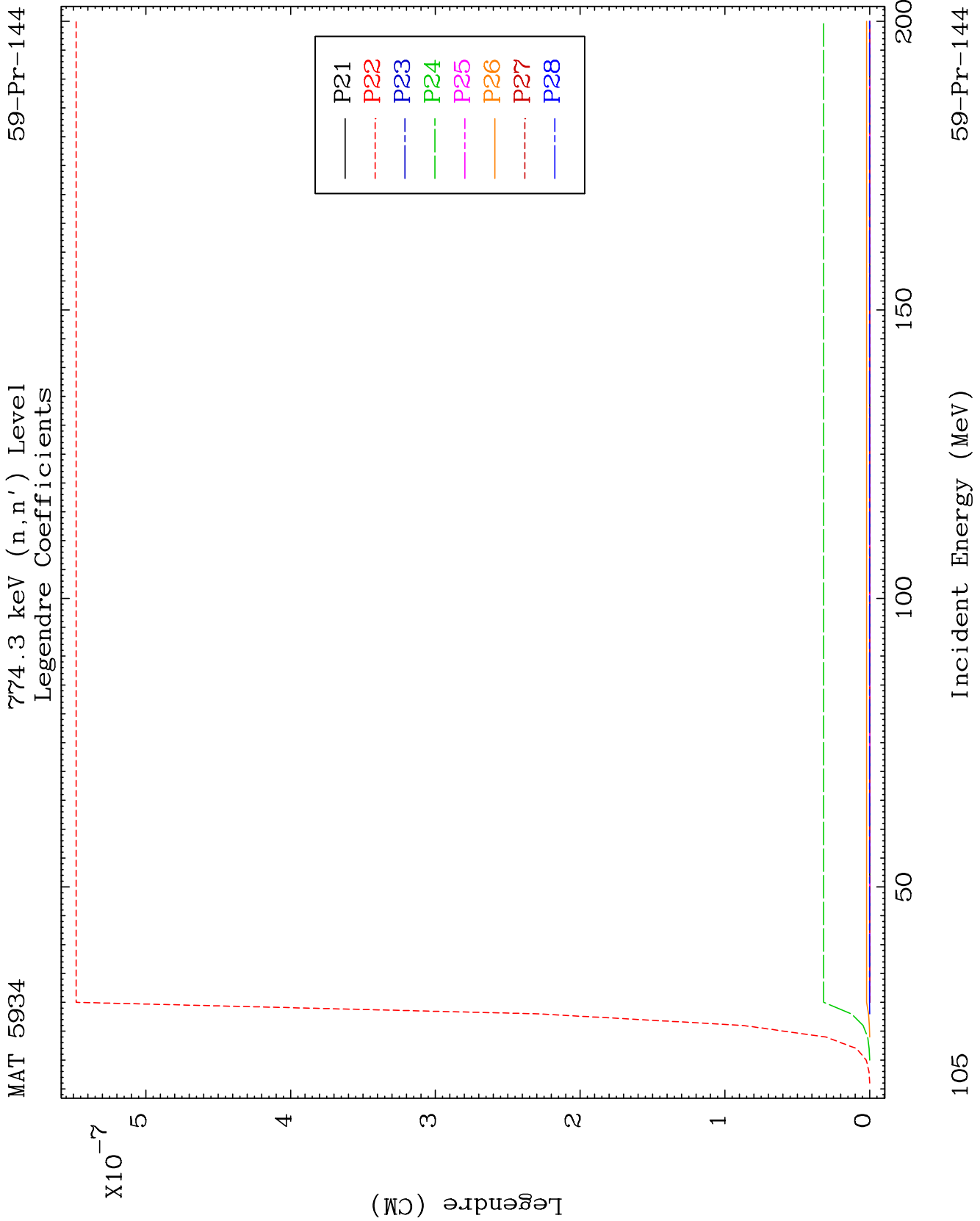
59-Pr-144



104

Incident Energy (MeV)

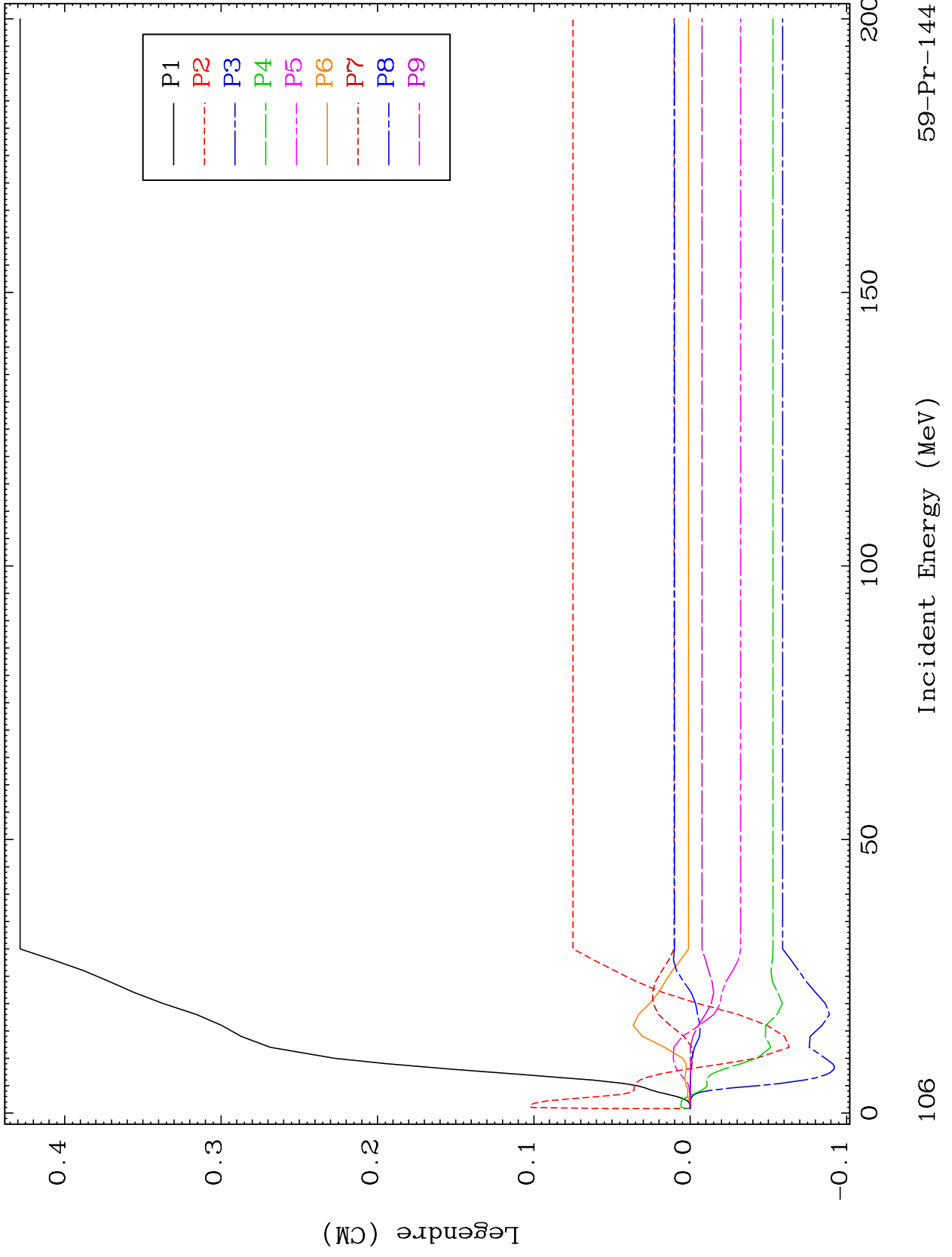
59-Pr-144



MAT 5934

775.6 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

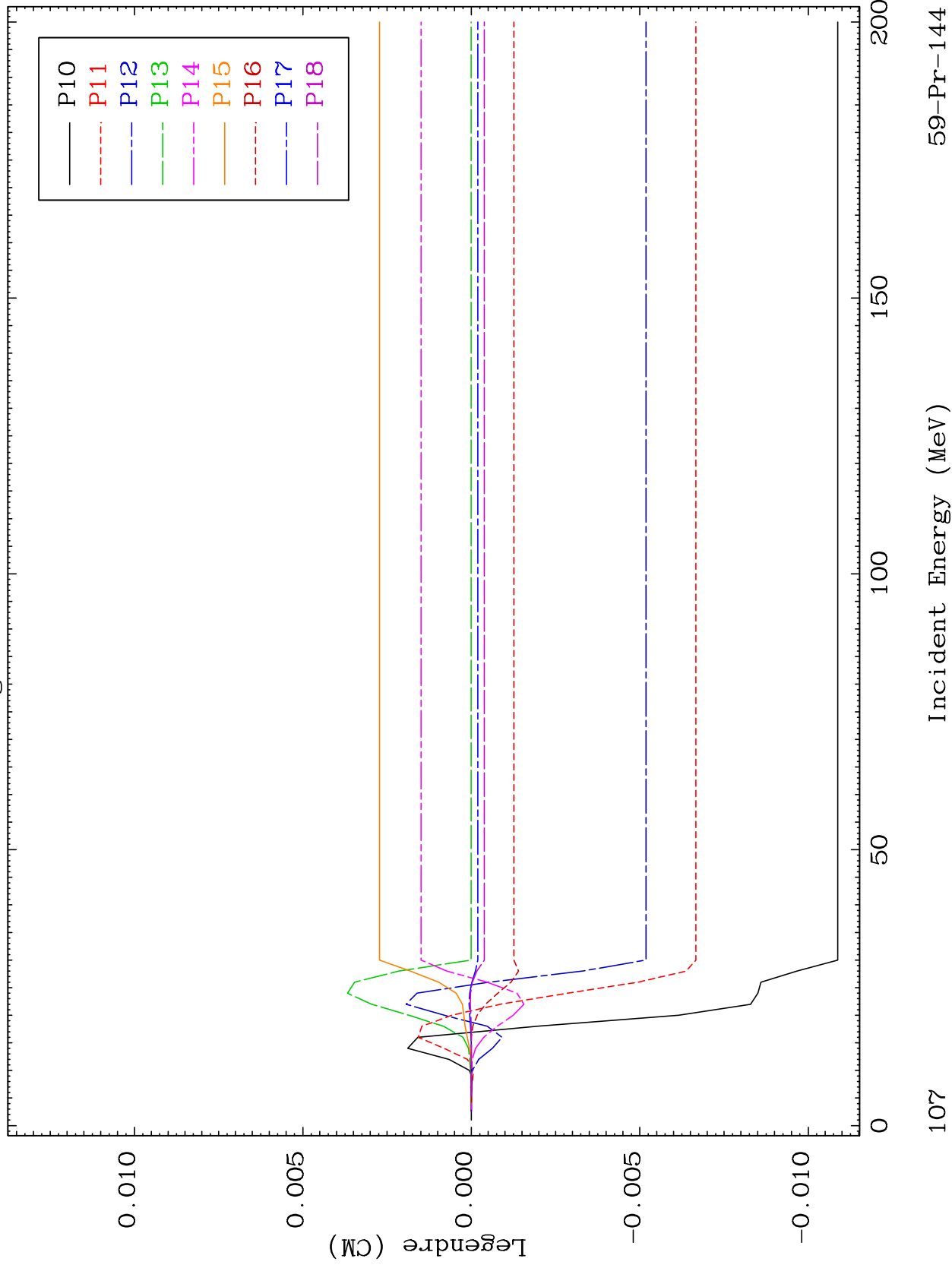
Incident Energy (MeV)

106

MAT 5934

775.6 keV (n,n') Level
Legendre Coefficients

59-Pr-144



107

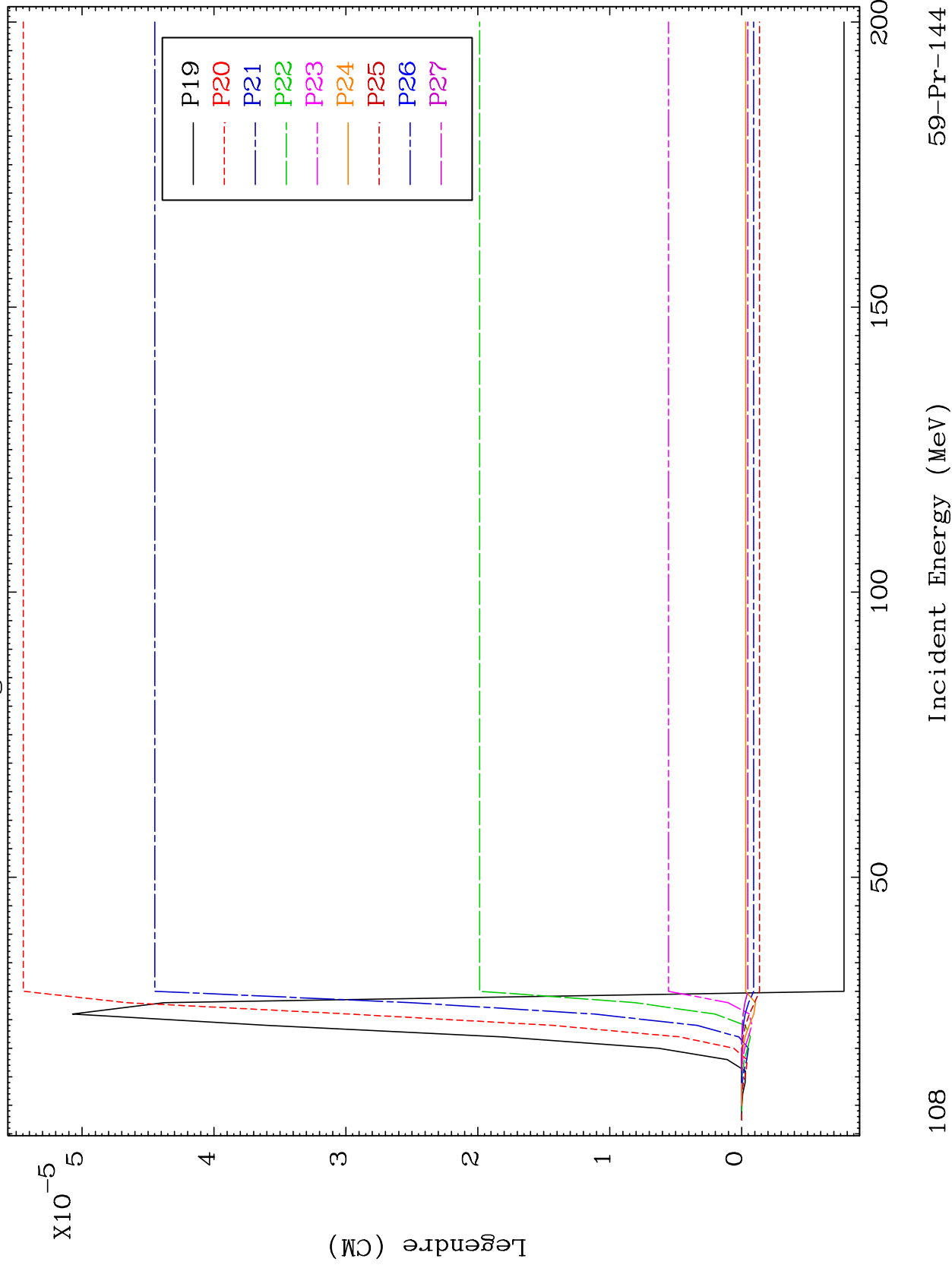
Incident Energy (MeV)

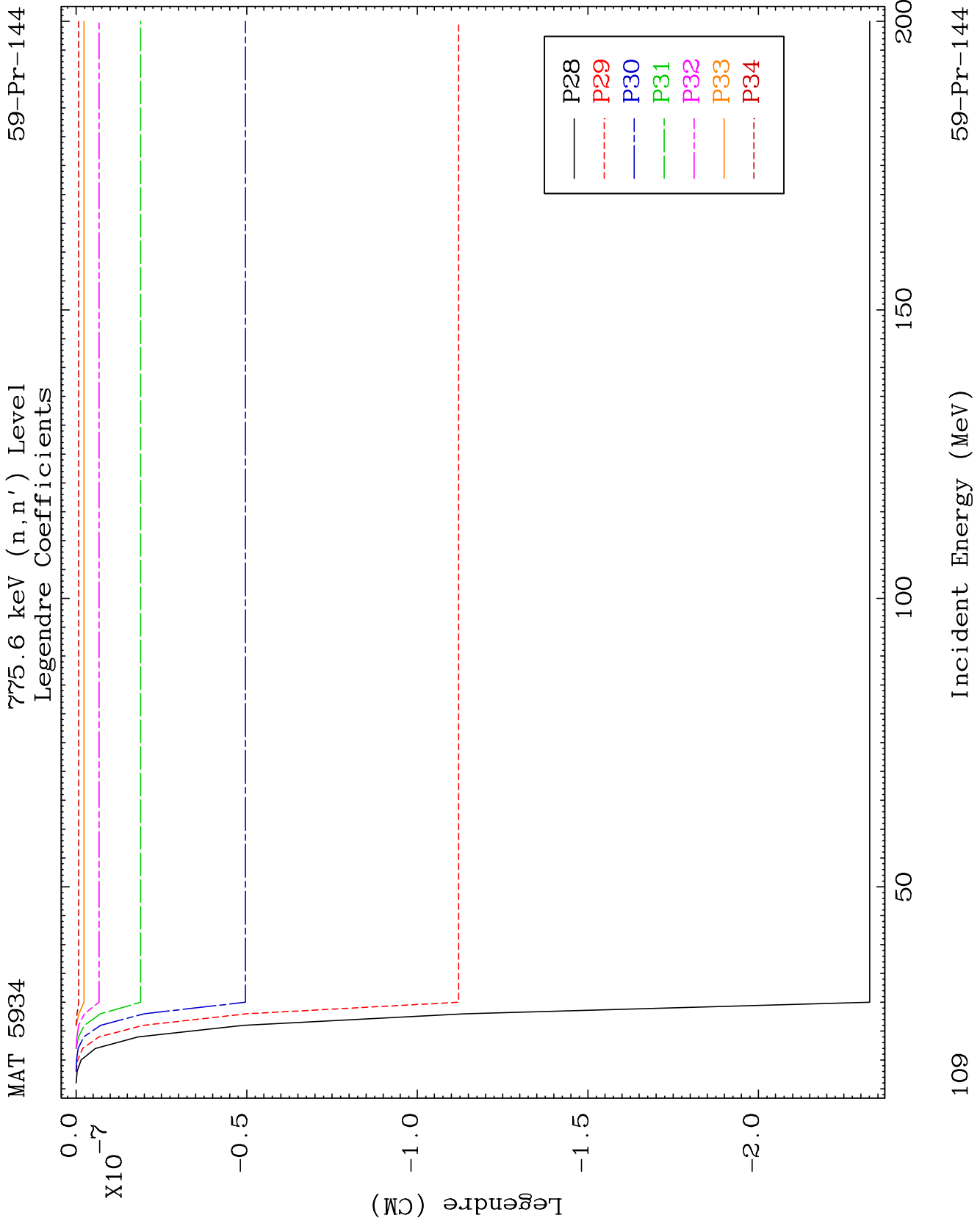
59-Pr-144

MAT 5934

775.6 keV (n, n') Level
Legendre Coefficients

59-Pr-144

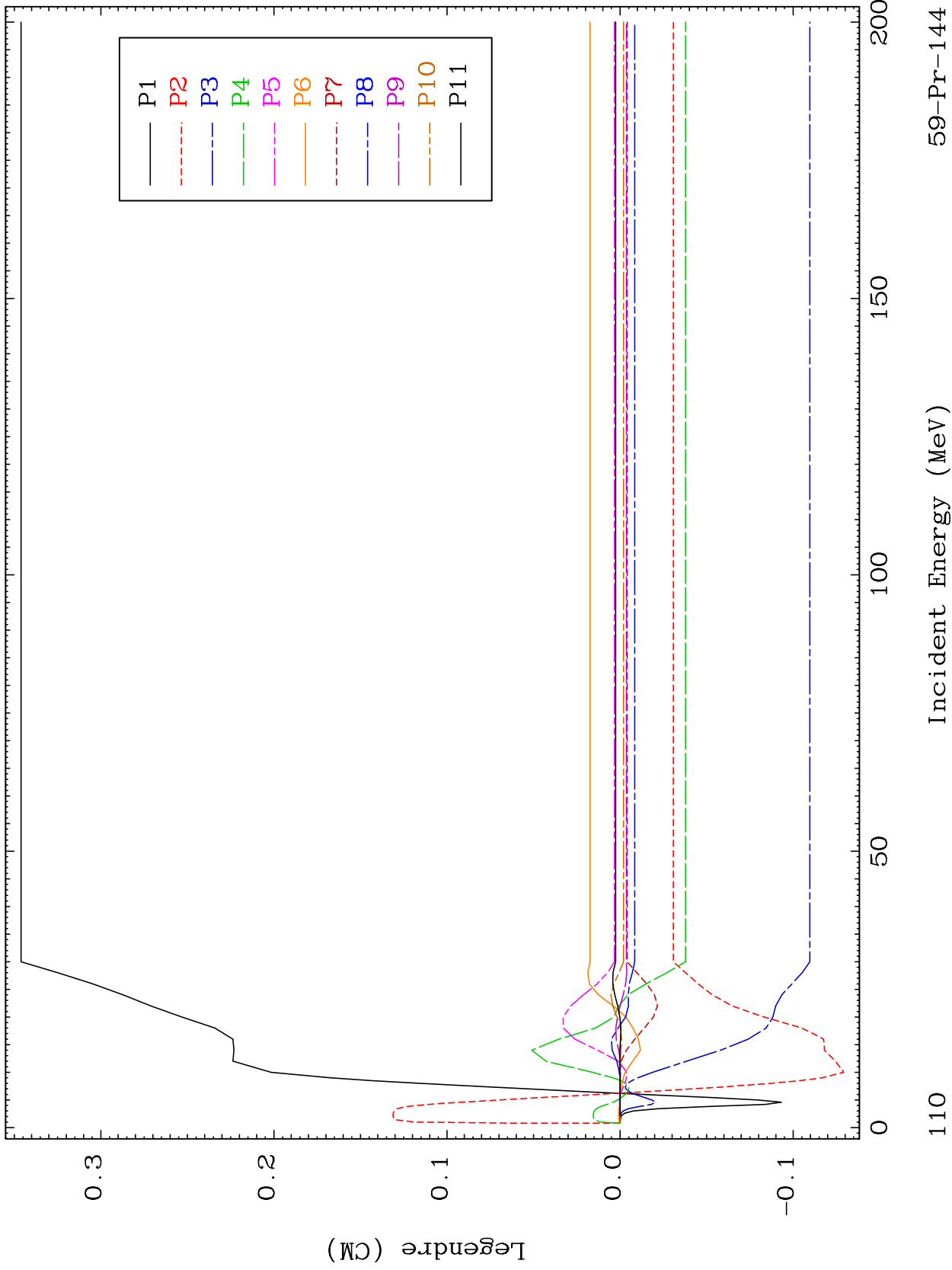




MAT 5934

782.4 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

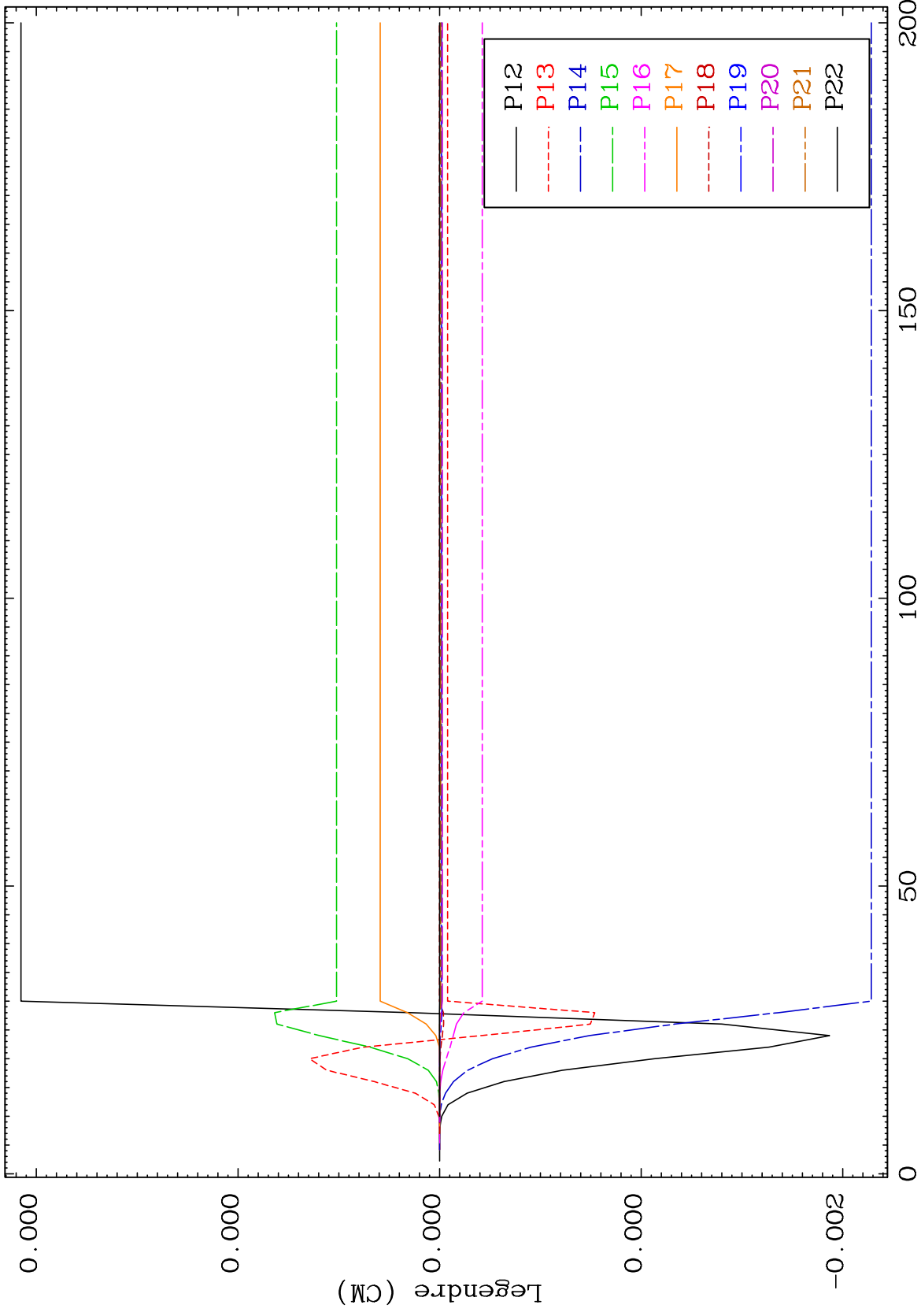
Incident Energy (MeV)

110

MAT 5934

782.4 keV (n,n') Level
Legendre Coefficients

59-Pr-144



111

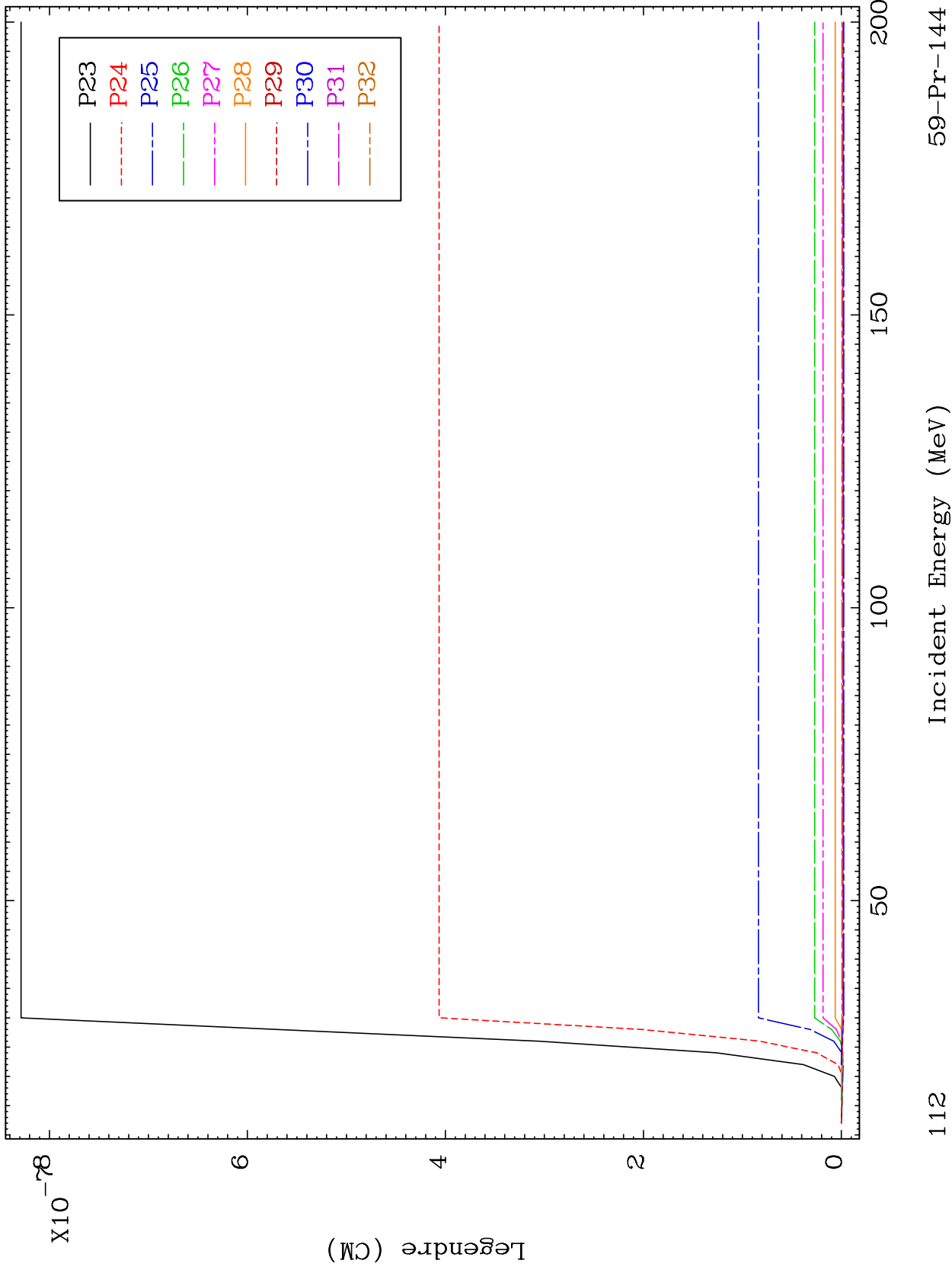
Incident Energy (MeV)

59-Pr-144

MAT 5934

782.4 keV (n,n') Level
Legendre Coefficients

59-Pr-144



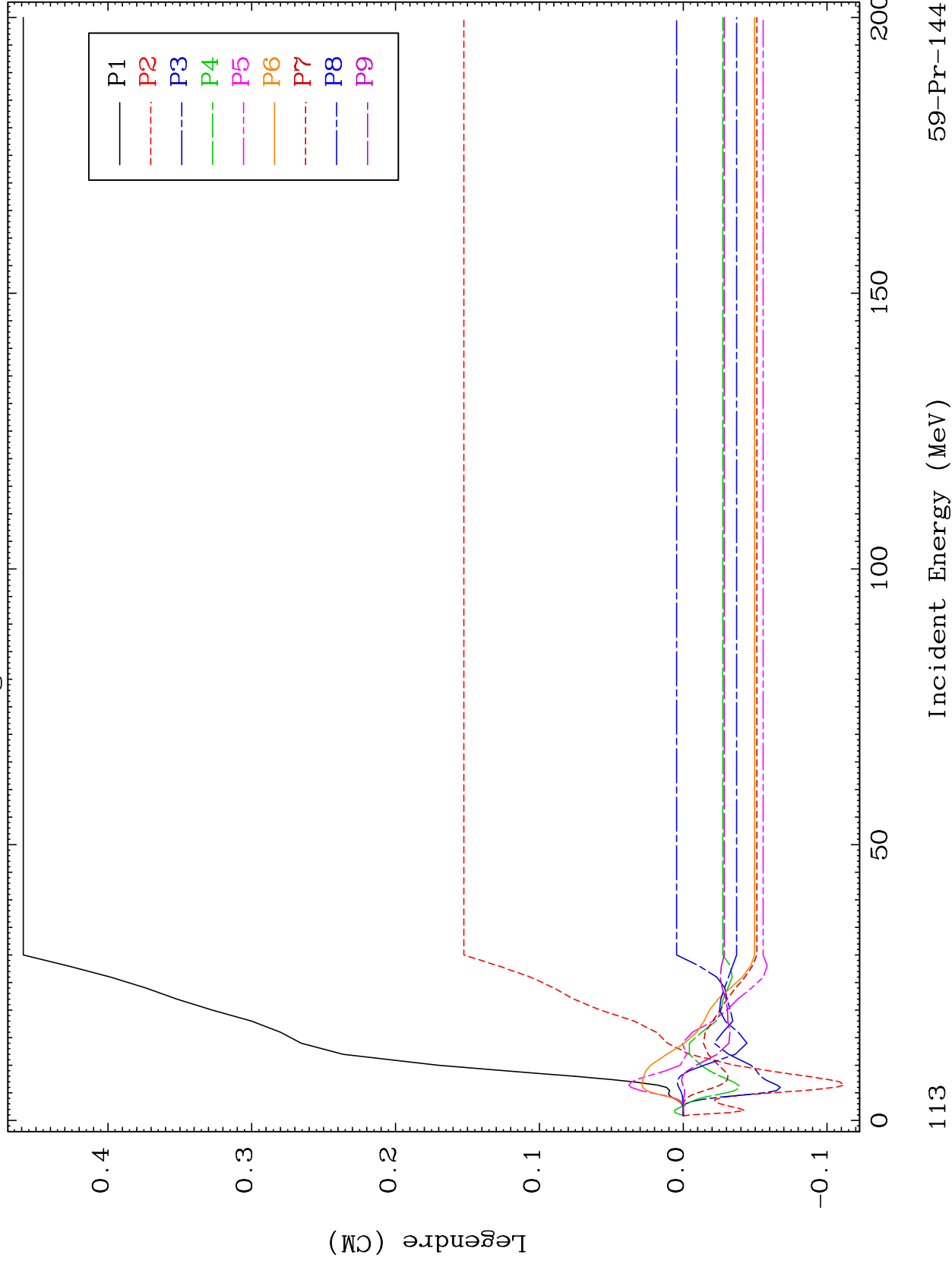
112

59-Pr-144

MAT 5934

792.3 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

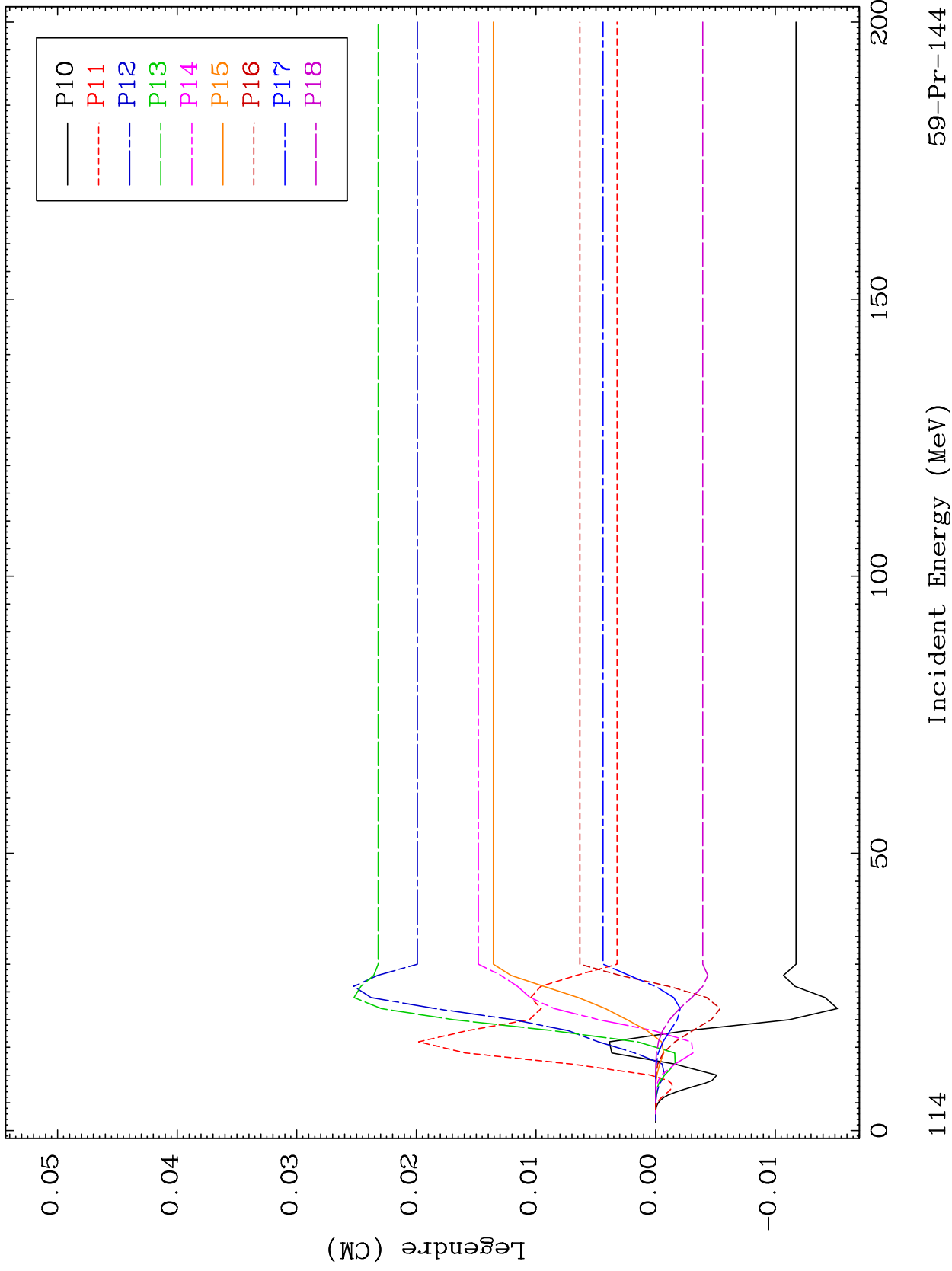
Incident Energy (MeV)

113

MAT 5934

792.3 keV (n,n') Level
Legendre Coefficients

59-Pr-144



114

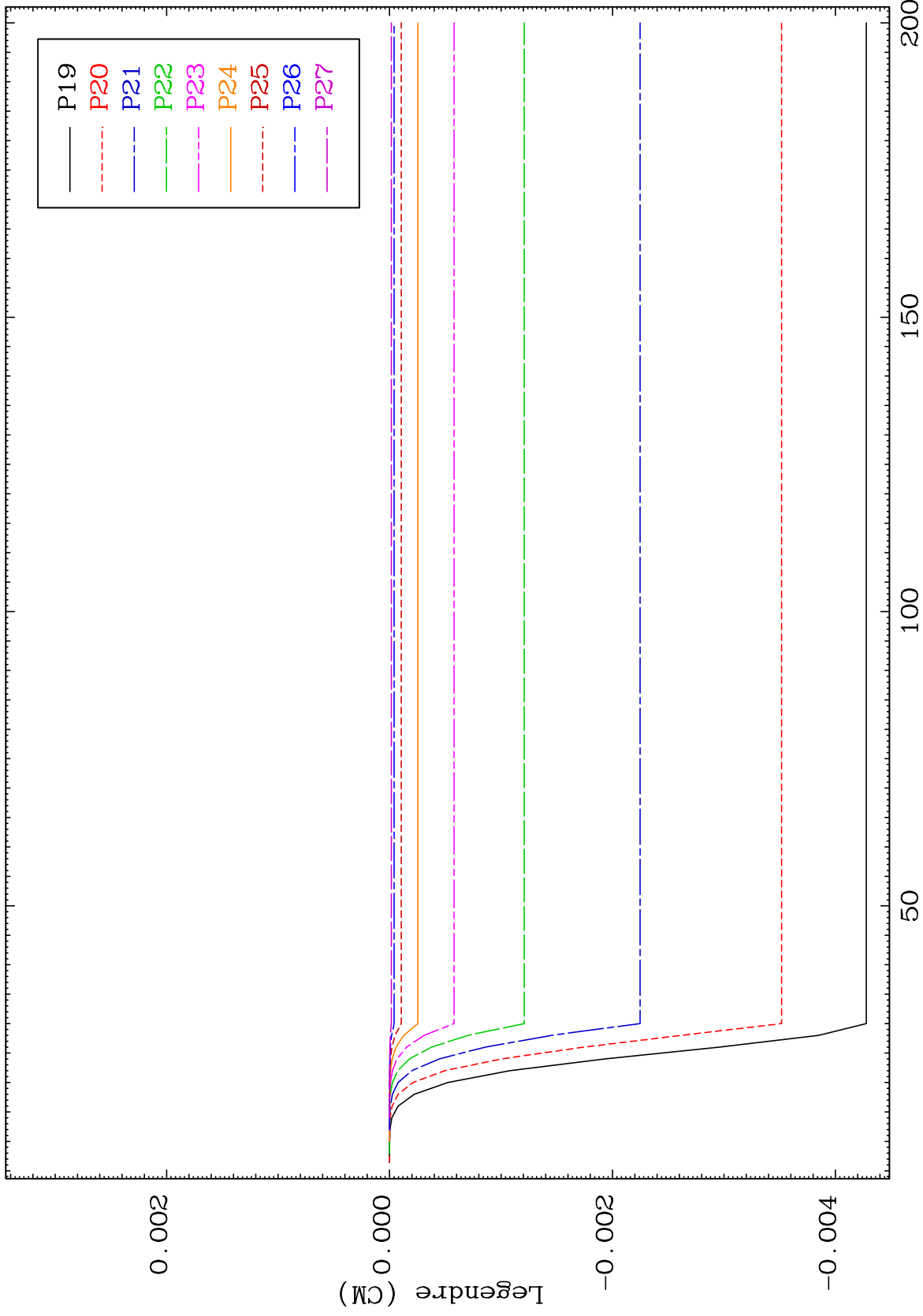
Incident Energy (MeV)

59-Pr-144

MAT 5934

792.3 keV (n,n') Level
Legendre Coefficients

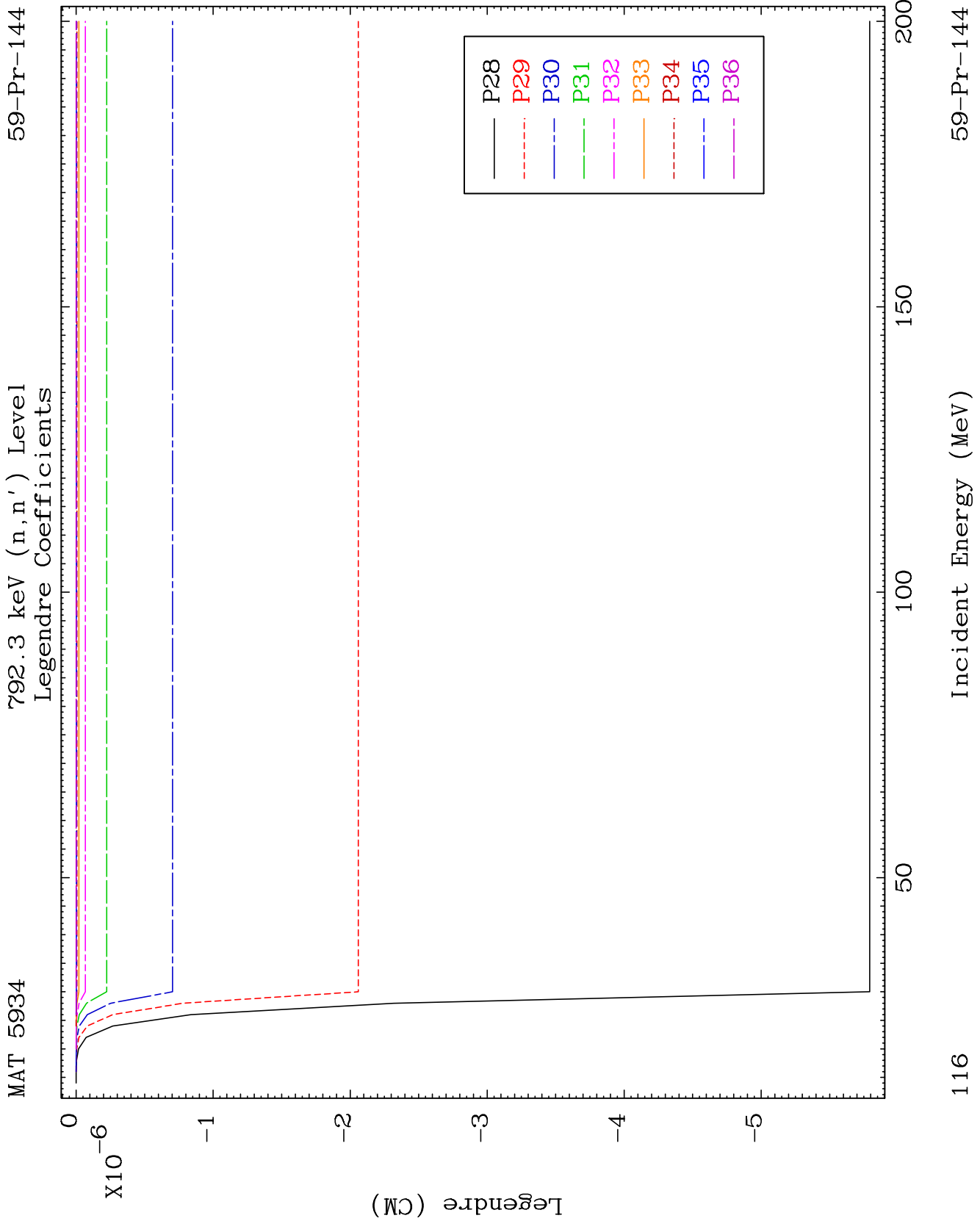
59-Pr-144



115

Incident Energy (MeV)

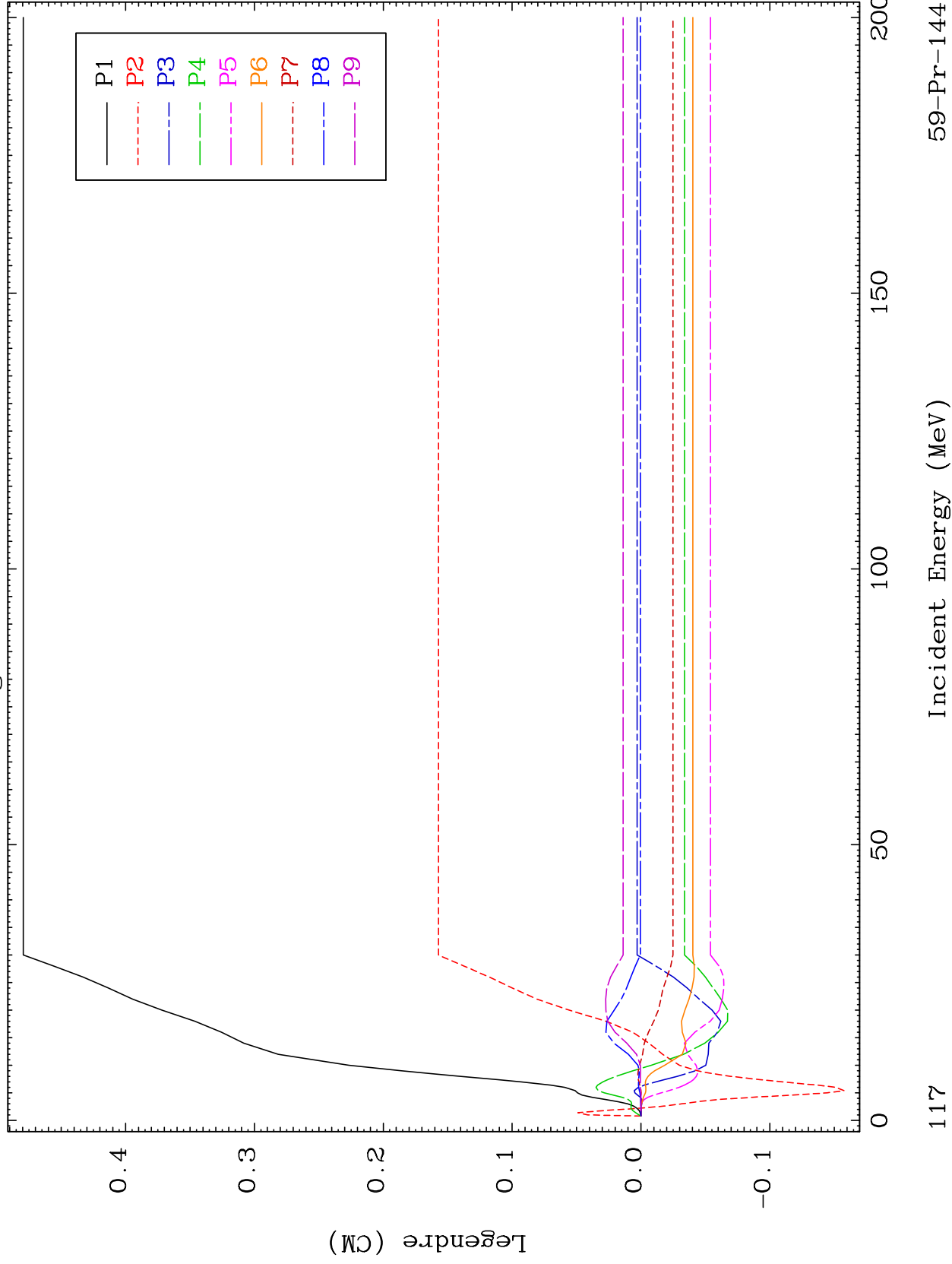
59-Pr-144



MAT 5934

795.0 keV (n,n') Level
Legendre Coefficients

59-Pr-144



59-Pr-144

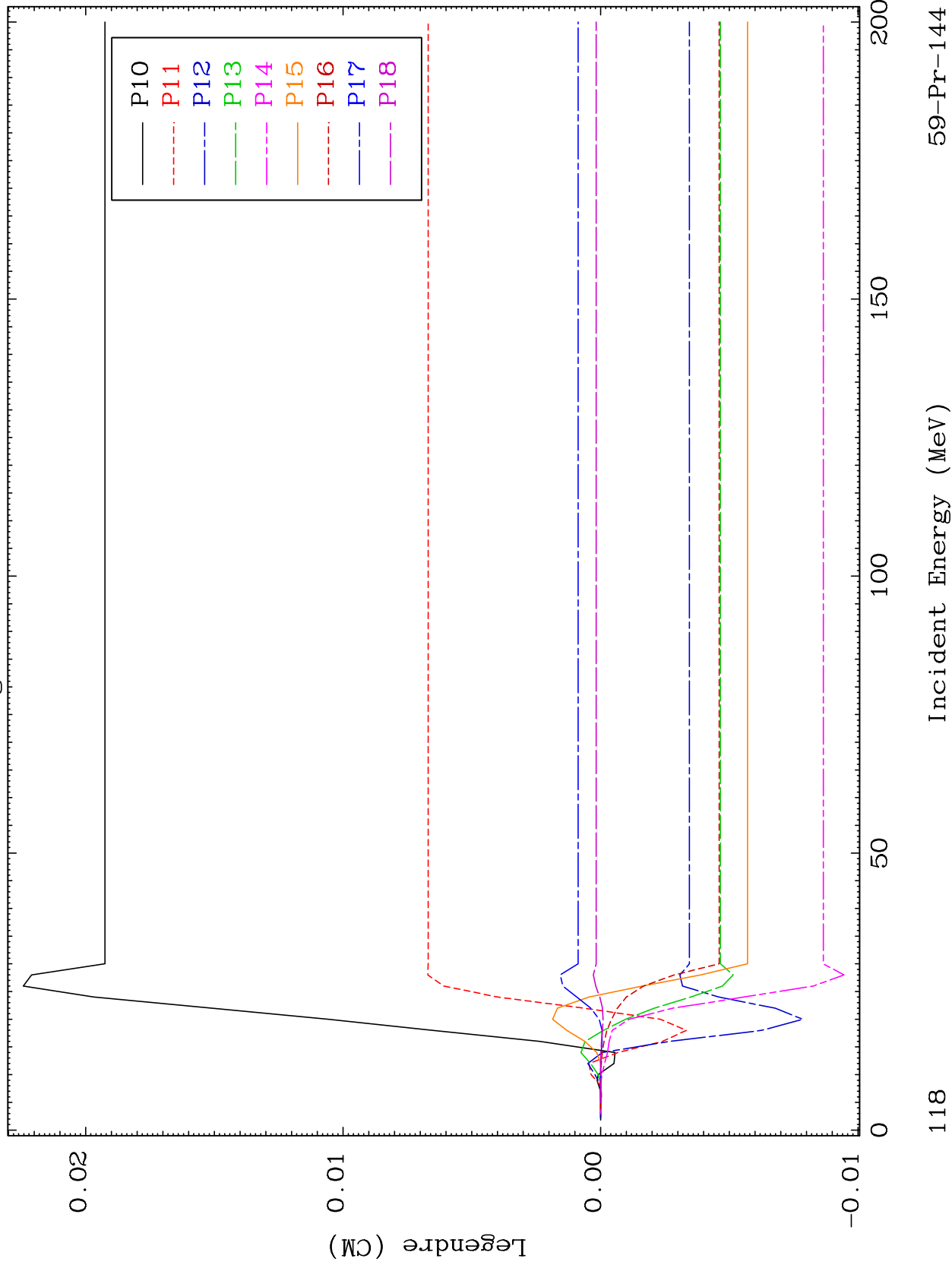
Incident Energy (MeV)

117

MAT 5934

795.0 keV (n,n') Level
Legendre Coefficients

59-Pr-144



118

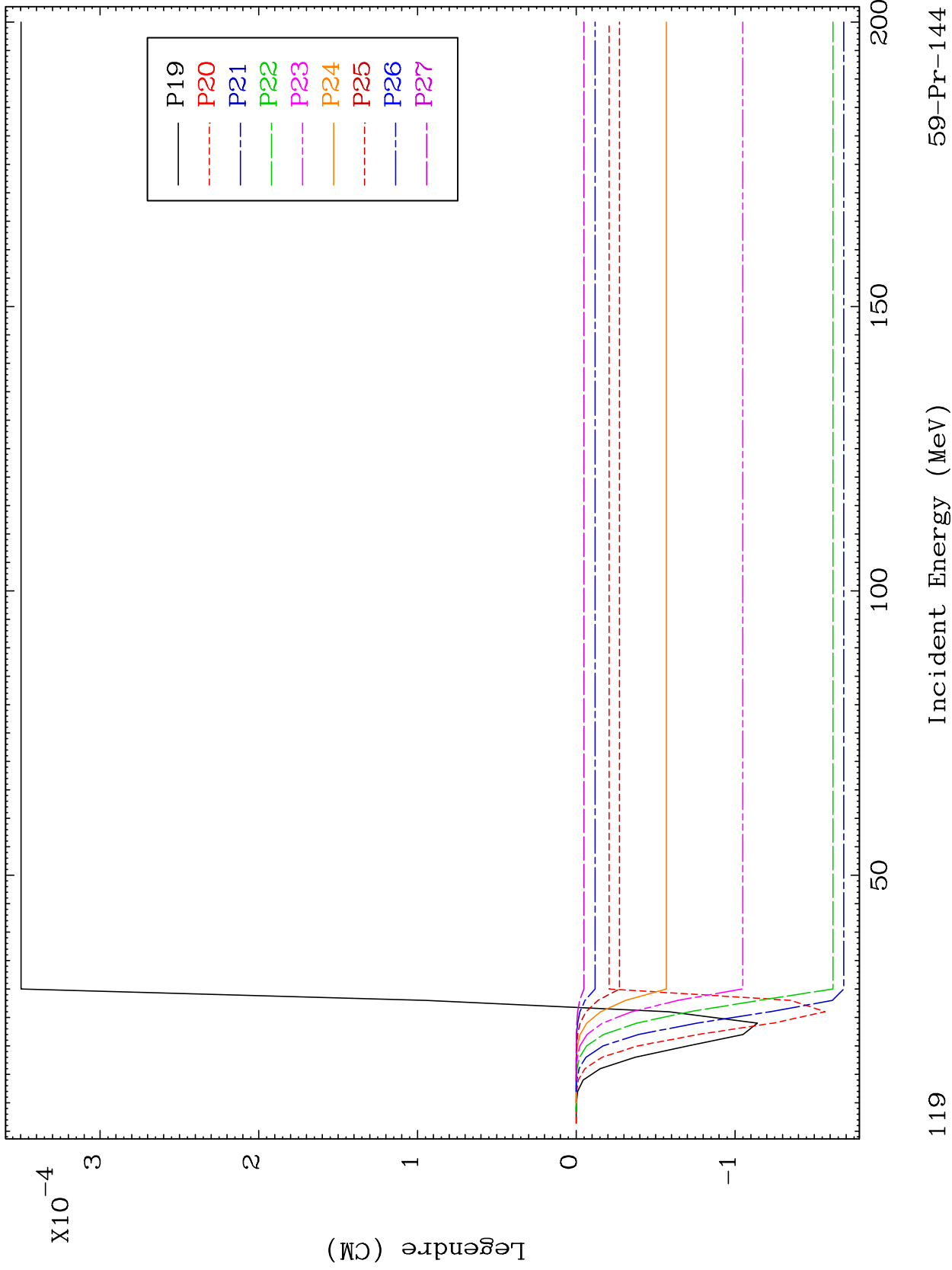
Incident Energy (MeV)

59-Pr-144

MAT 5934

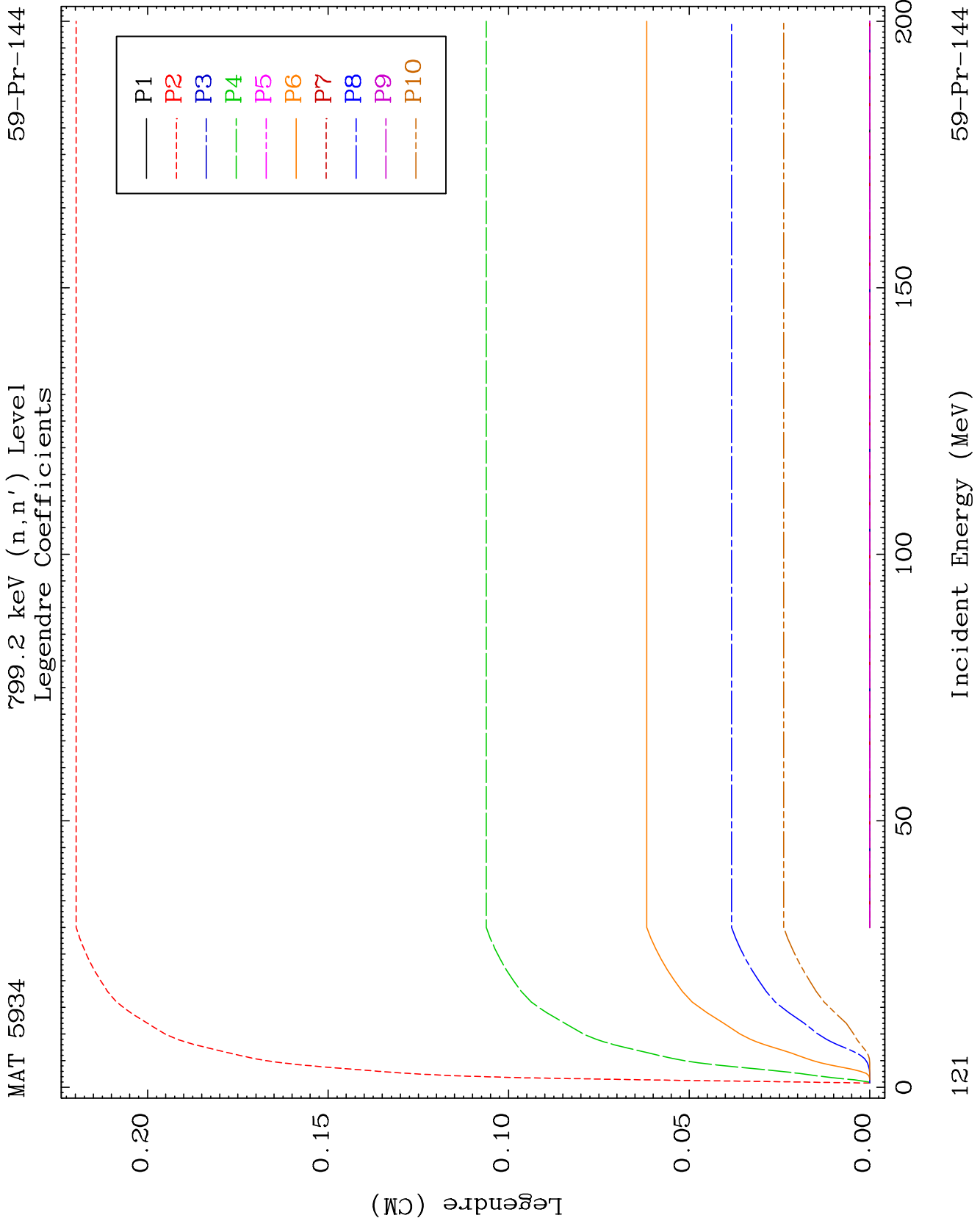
795.0 keV (n,n') Level
Legendre Coefficients

59-Pr-144



119

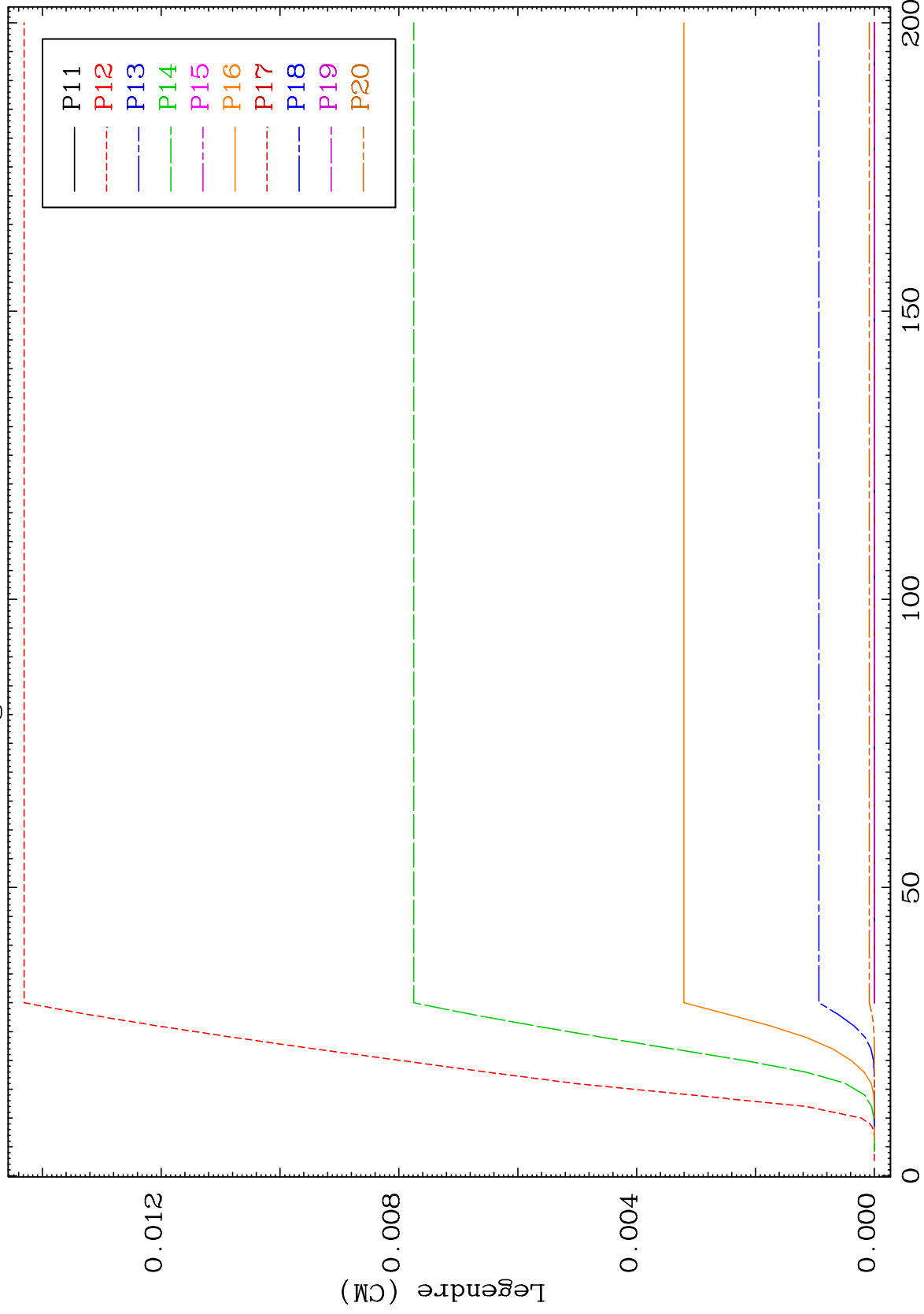
59-Pr-144



MAT 5934

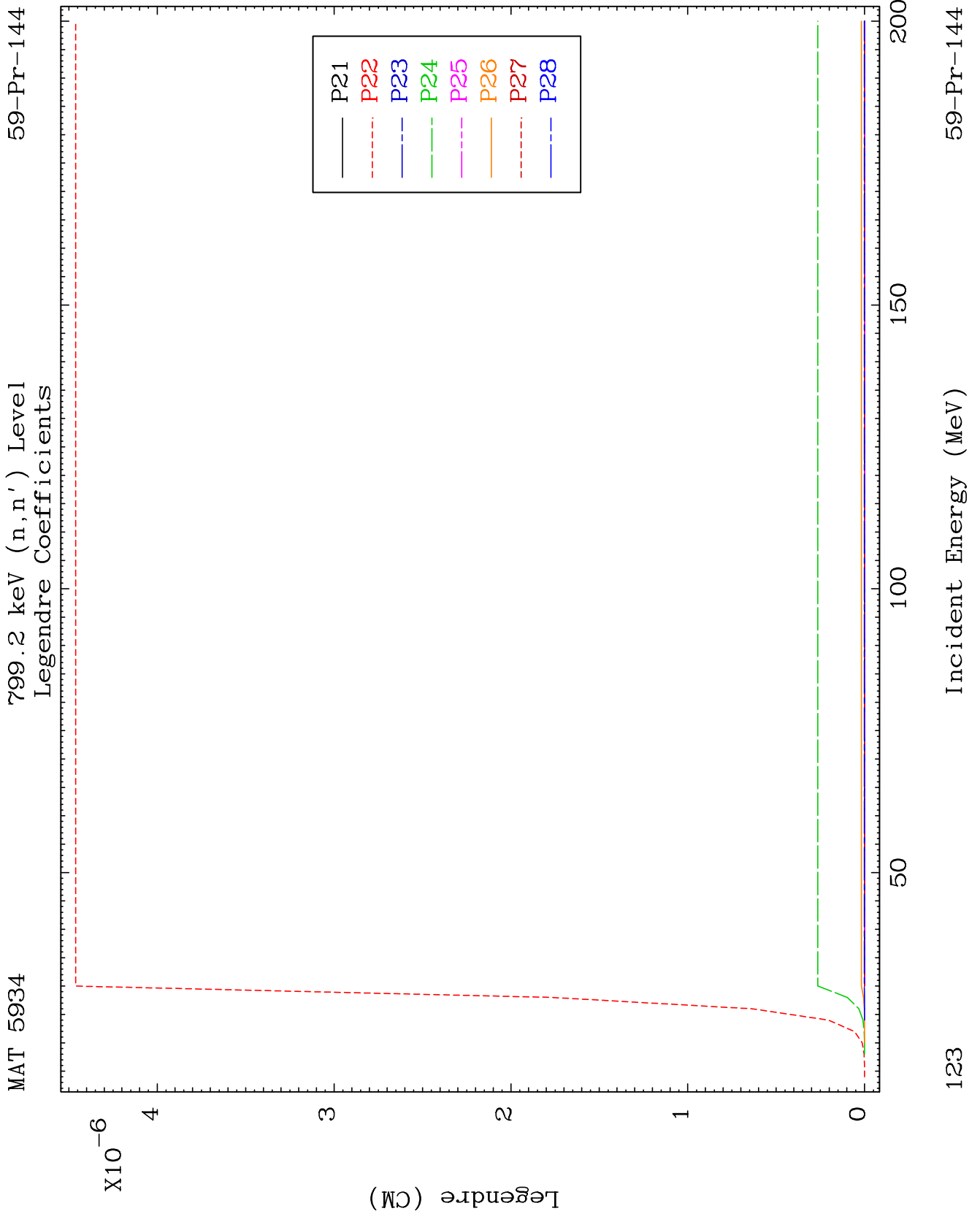
799.2 keV (n,n') Level
Legendre Coefficients

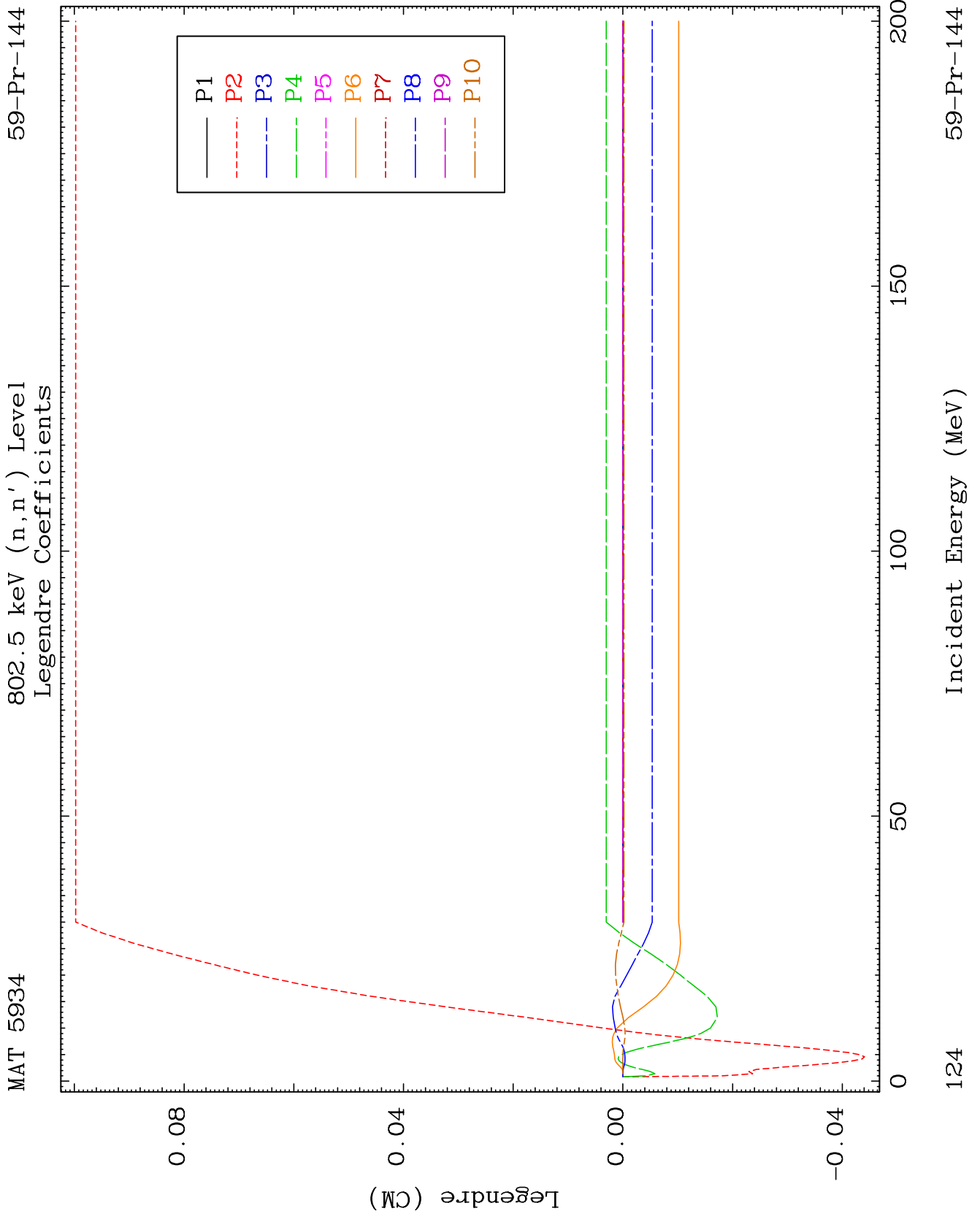
59-Pr-144



122

59-Pr-144

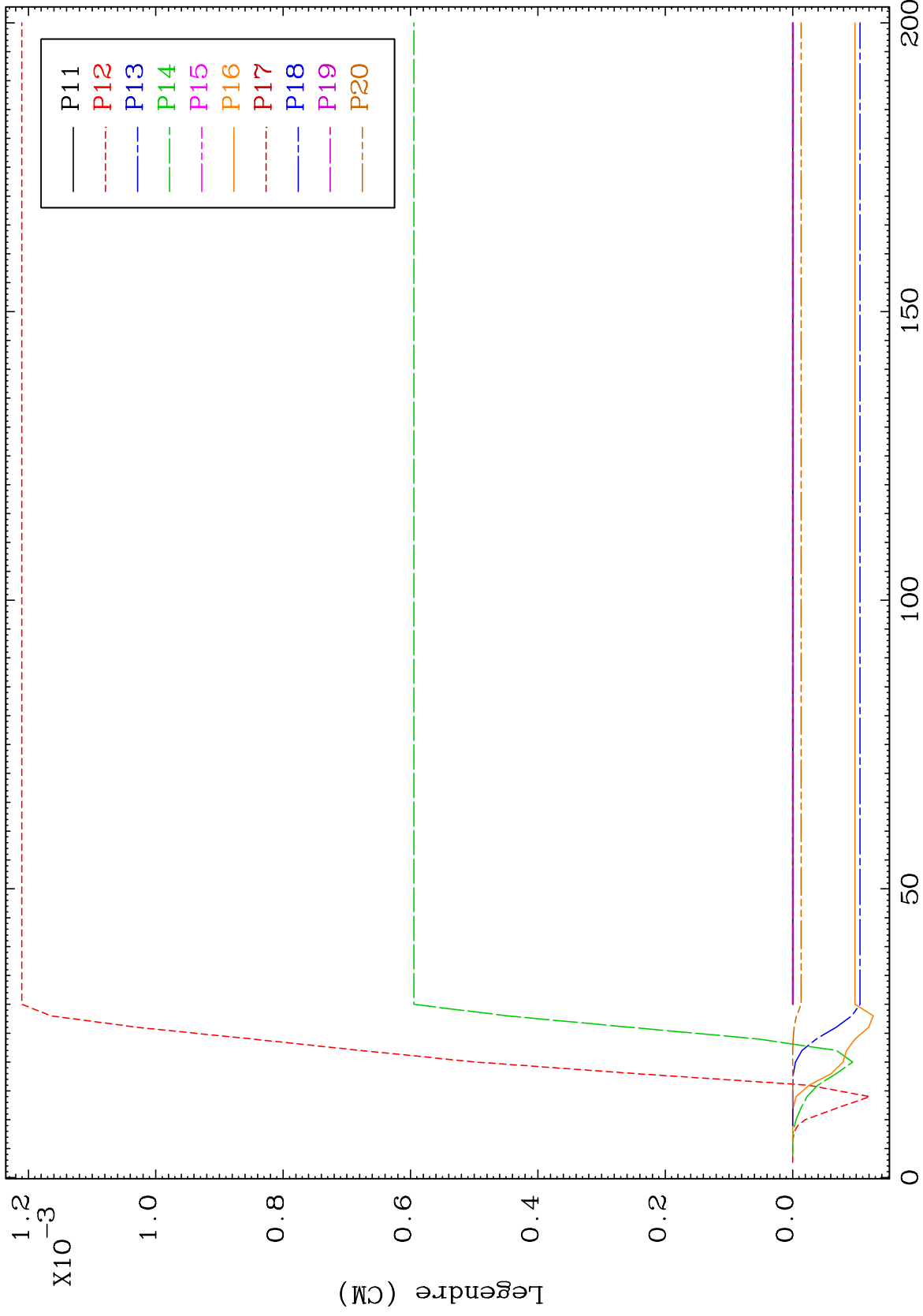




MAT 5934

802.5 keV (n,n') Level
Legendre Coefficients

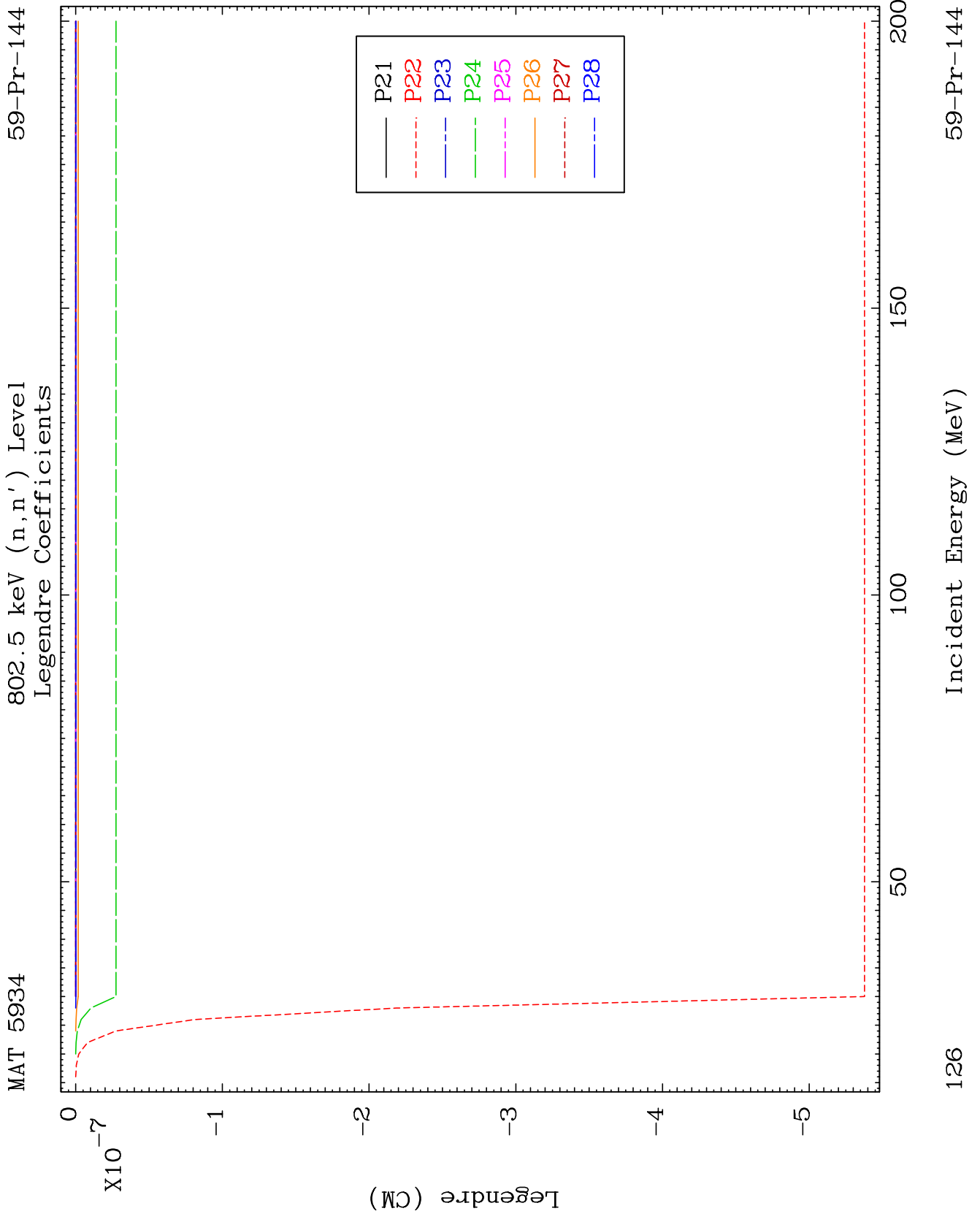
59-Pr-144



125

Incident Energy (MeV)

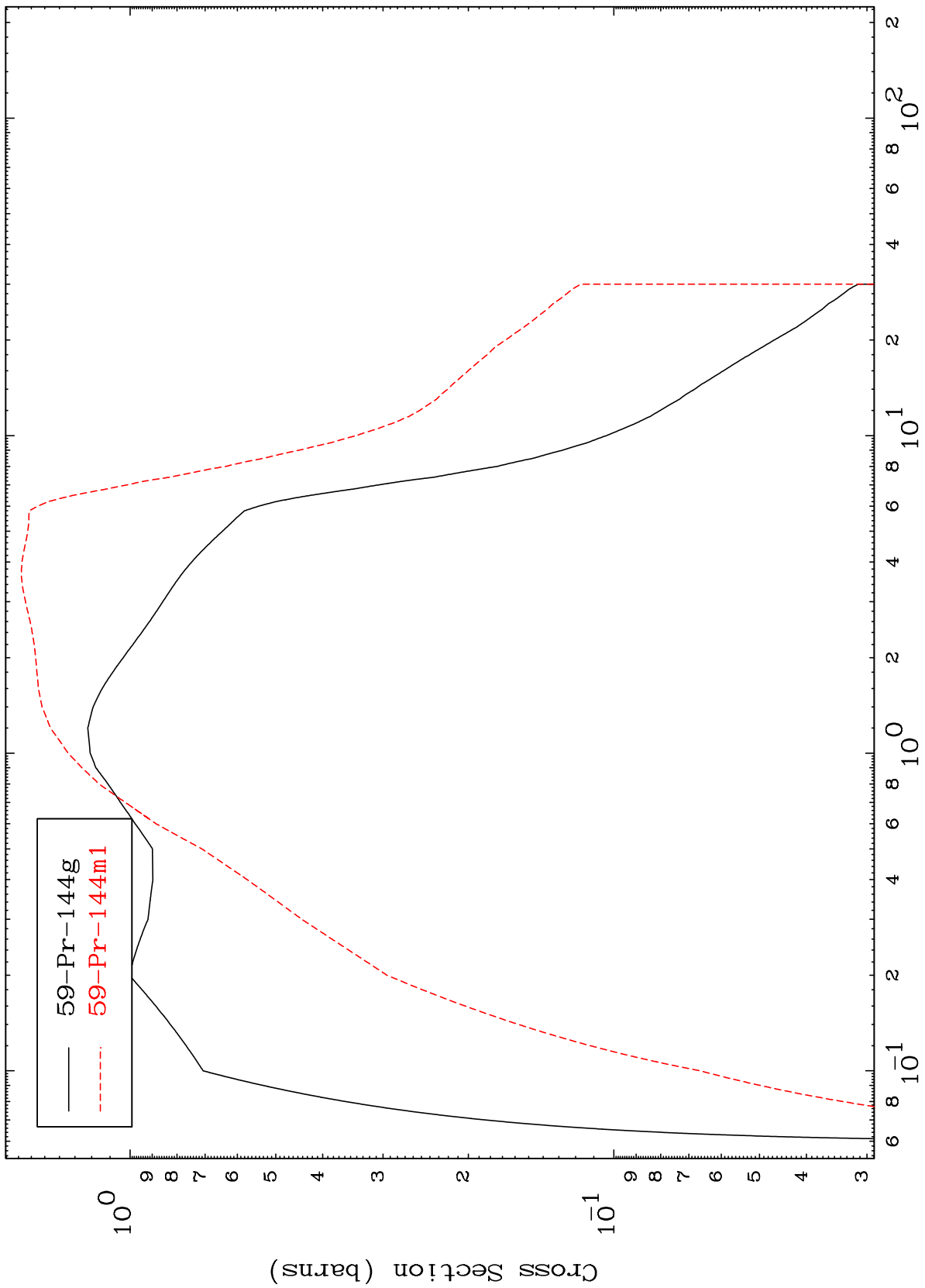
59-Pr-144



MAT 5934

59-Pr-144

Radionuclide Production Cross Section



127

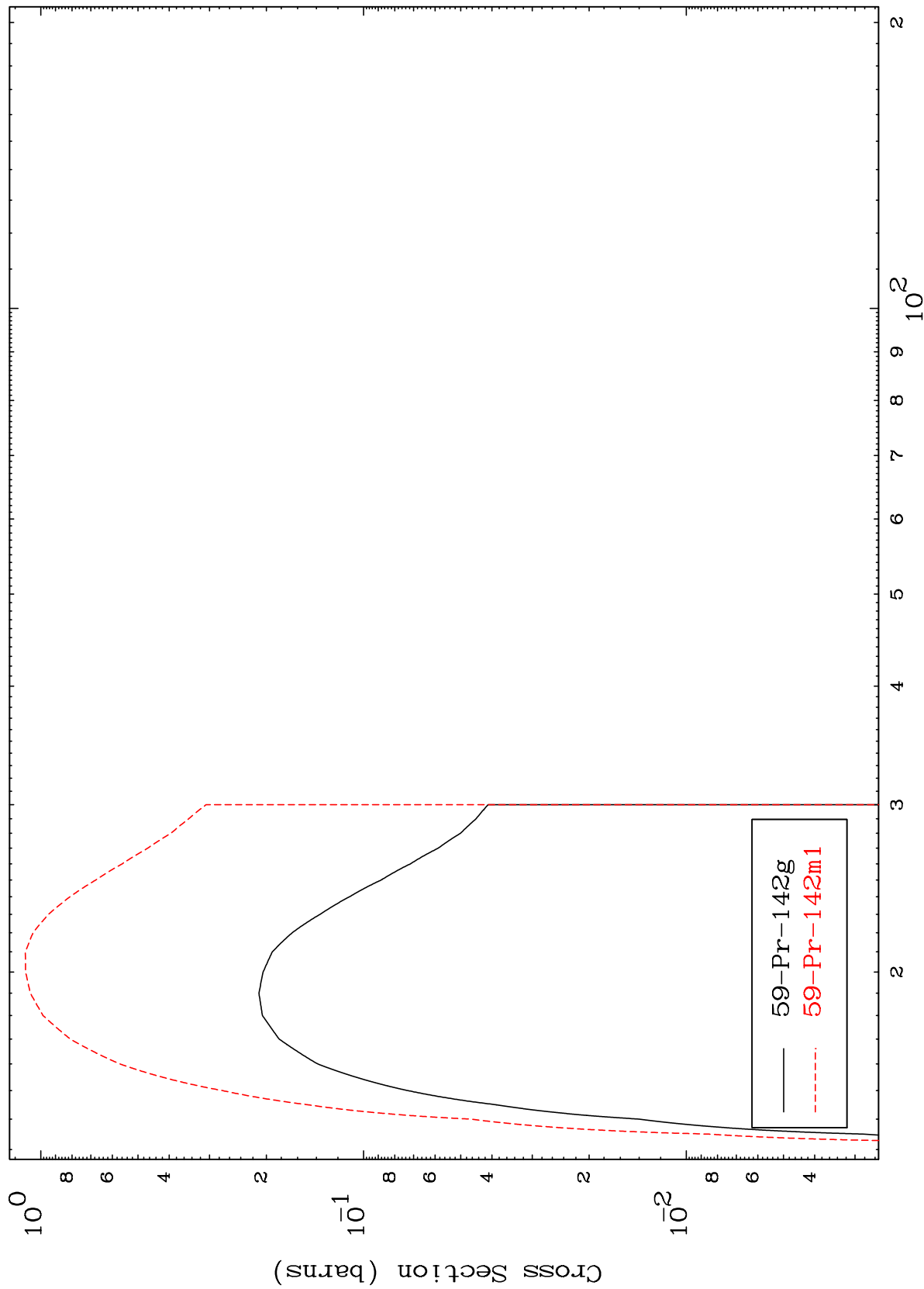
59-Pr-144

Incident Energy (MeV)

MAT 5934

59-Pr-144

(n,3n)
Radionuclide Production Cross Section



128

59-Pr-144

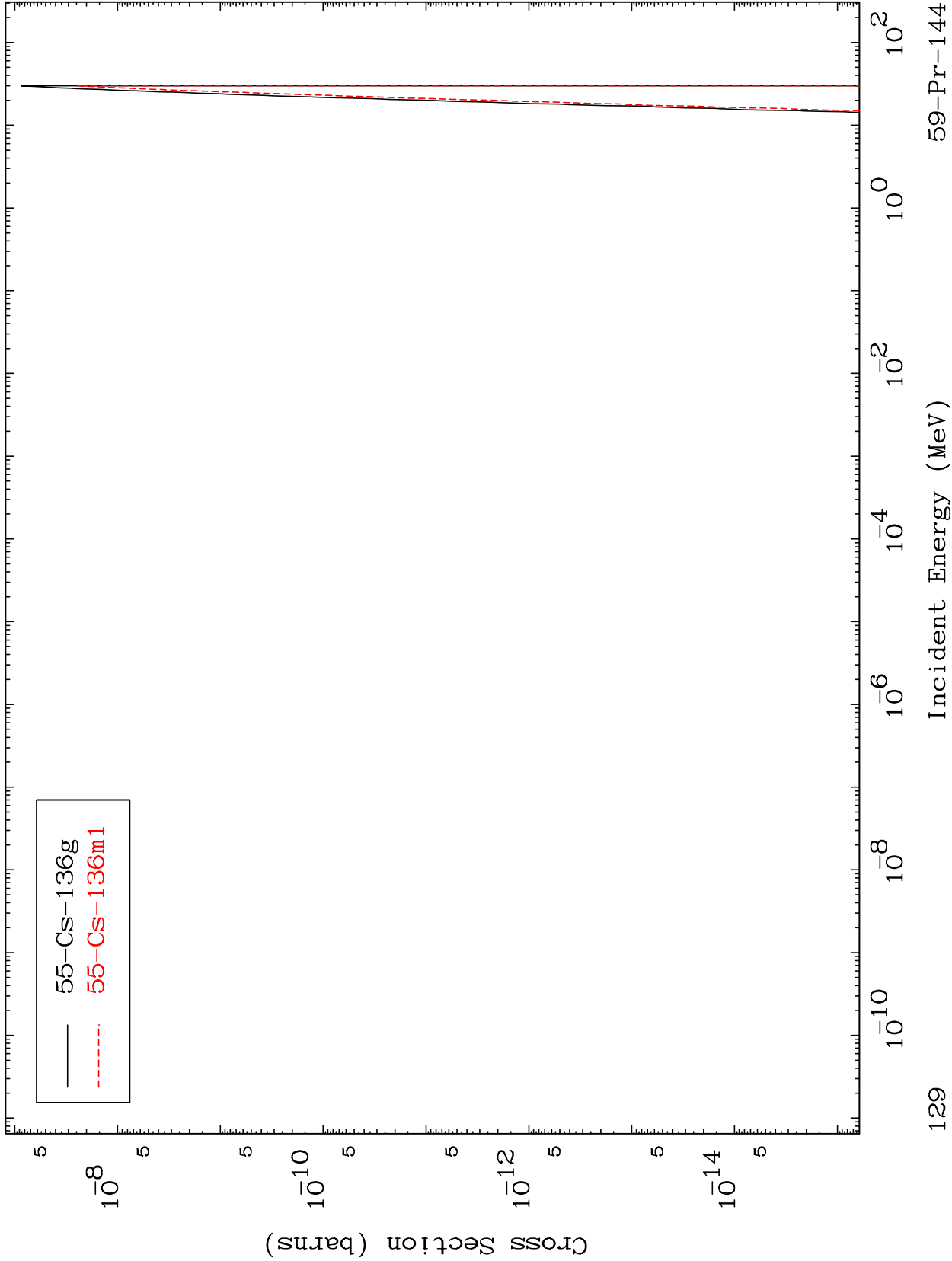
Incident Energy (MeV)

MAT 5934

(n,n') 2α

59-Pr-144

Radionuclide Production Cross Section



129

Incident Energy (MeV)

59-Pr-144