

Program EVALPLOT
(Version 2015-2)

by

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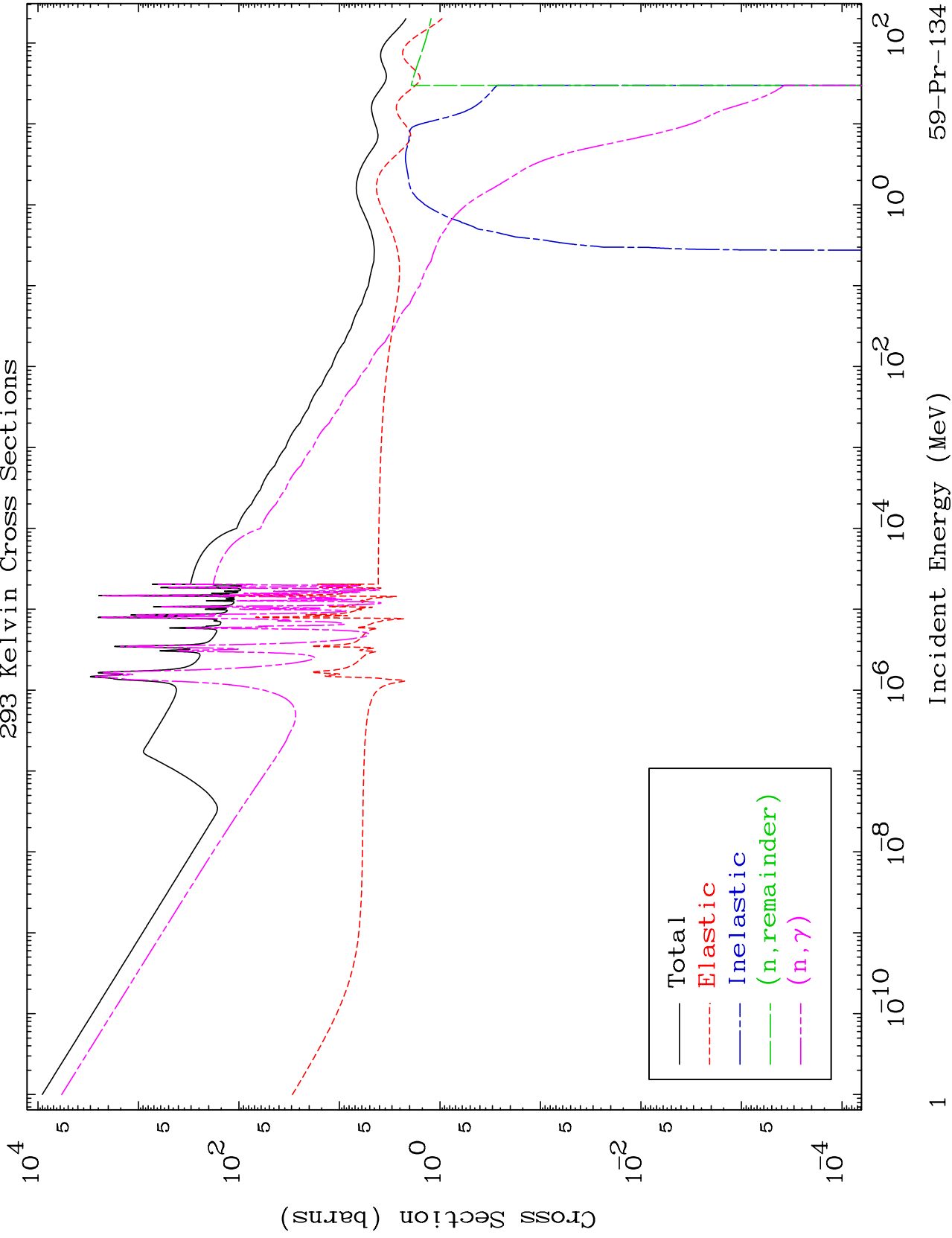
Press Mouse Button to Start

MAT 5904

Major

293 Kelvin Cross Sections

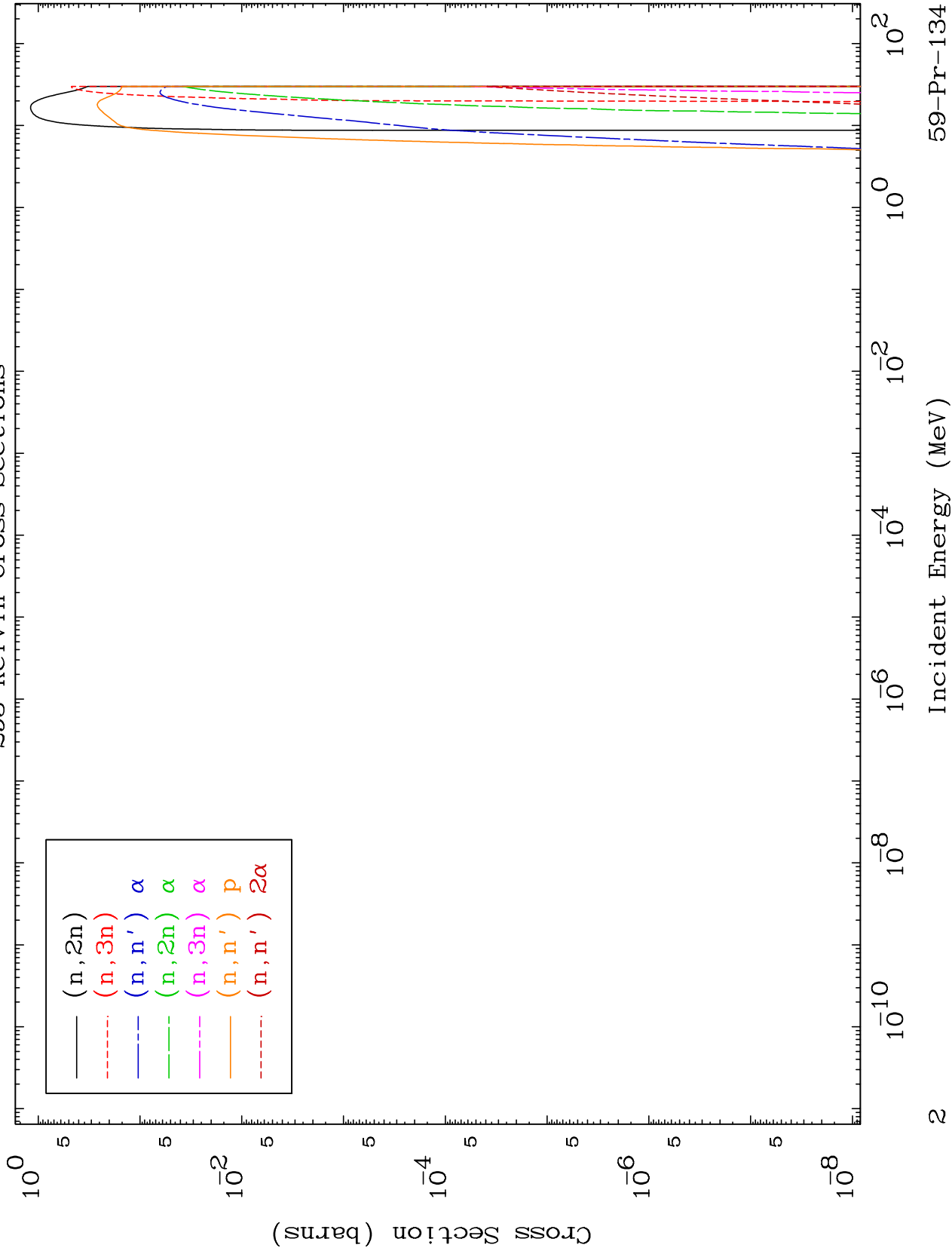
59-Pr-134

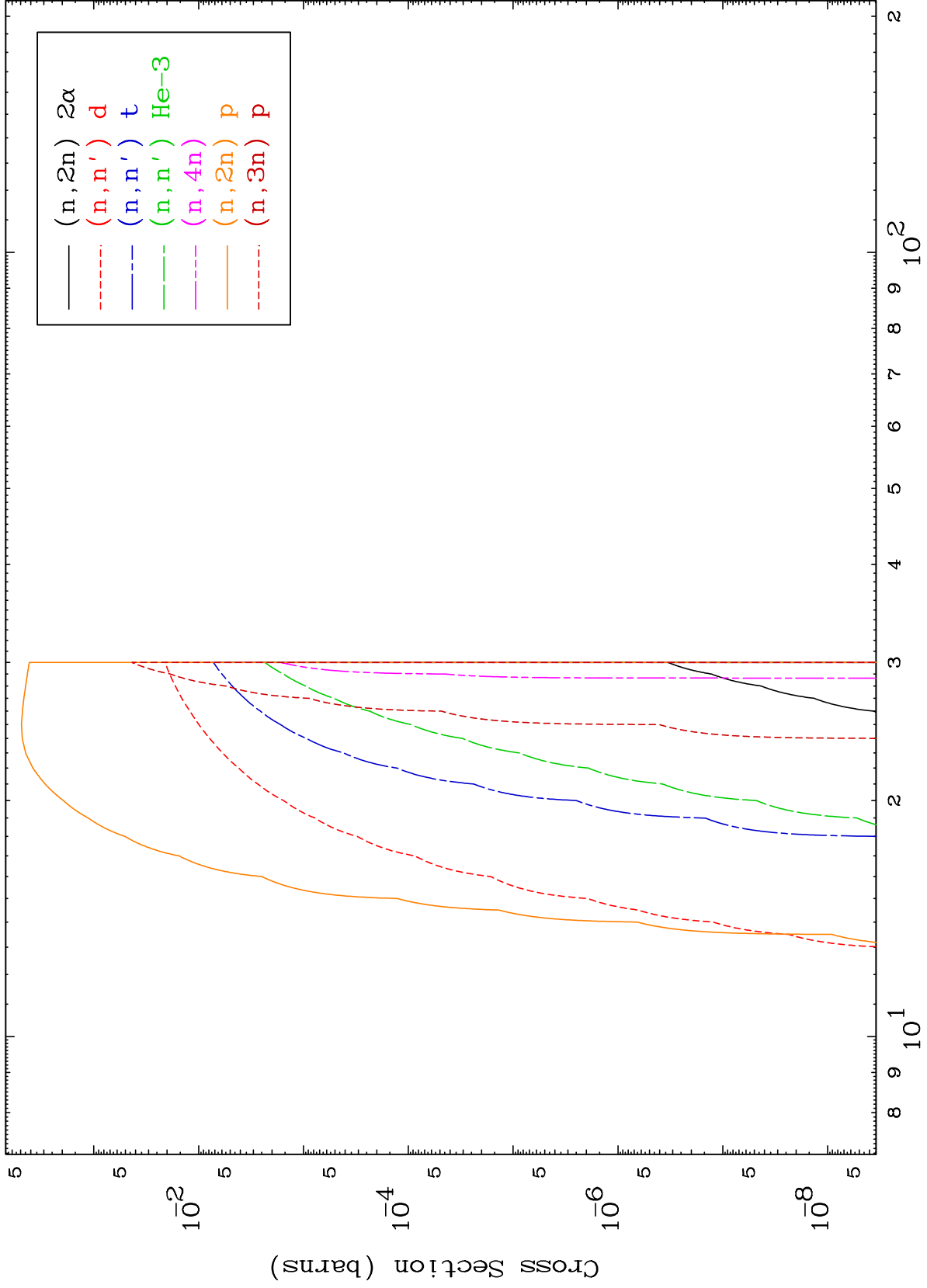


MAT 5904

Neutron Production
293 Kelvin Cross Sections

59-Pr-134

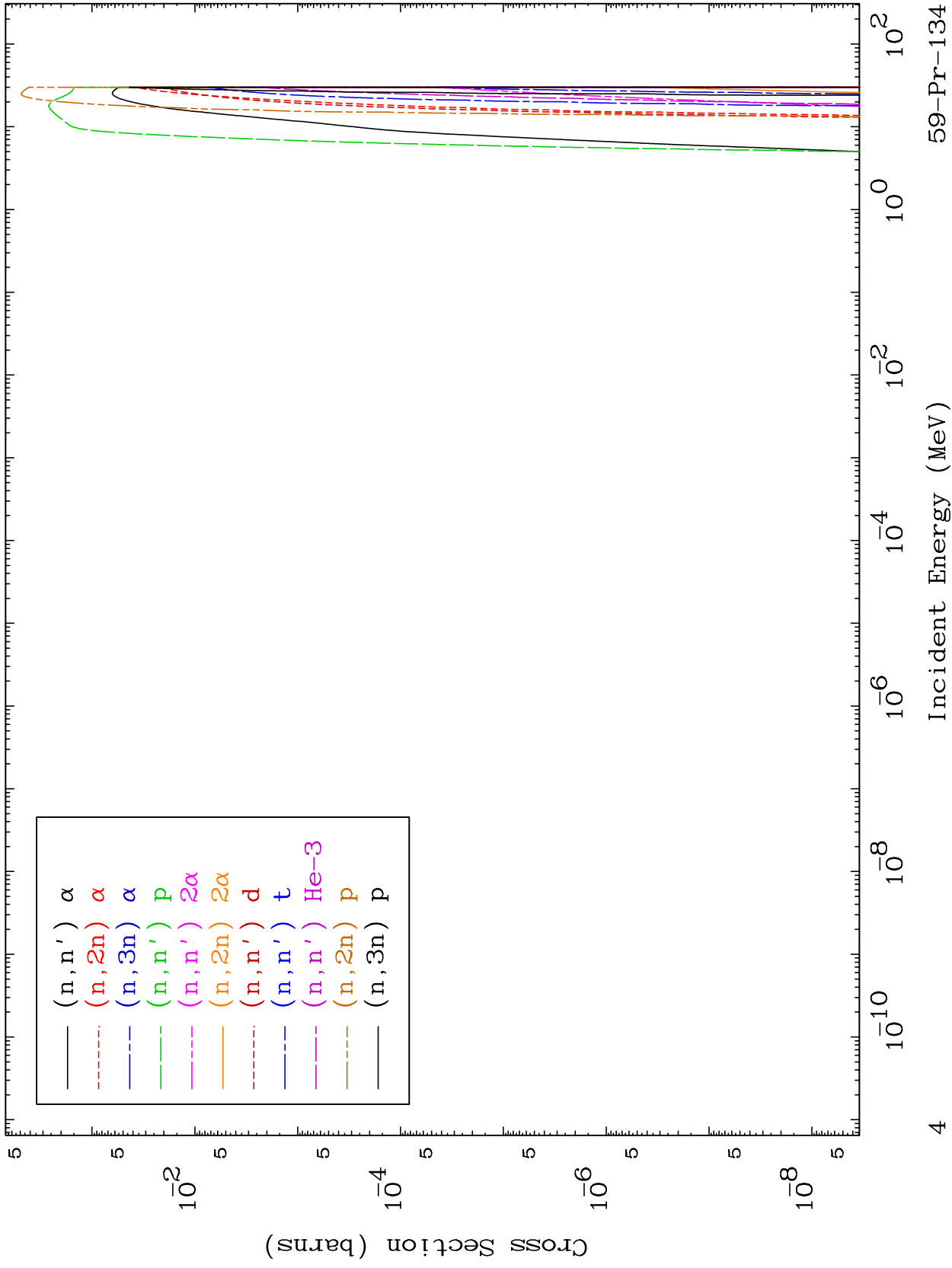




MAT 5904

Charged Particle
293 Kelvin Cross Sections

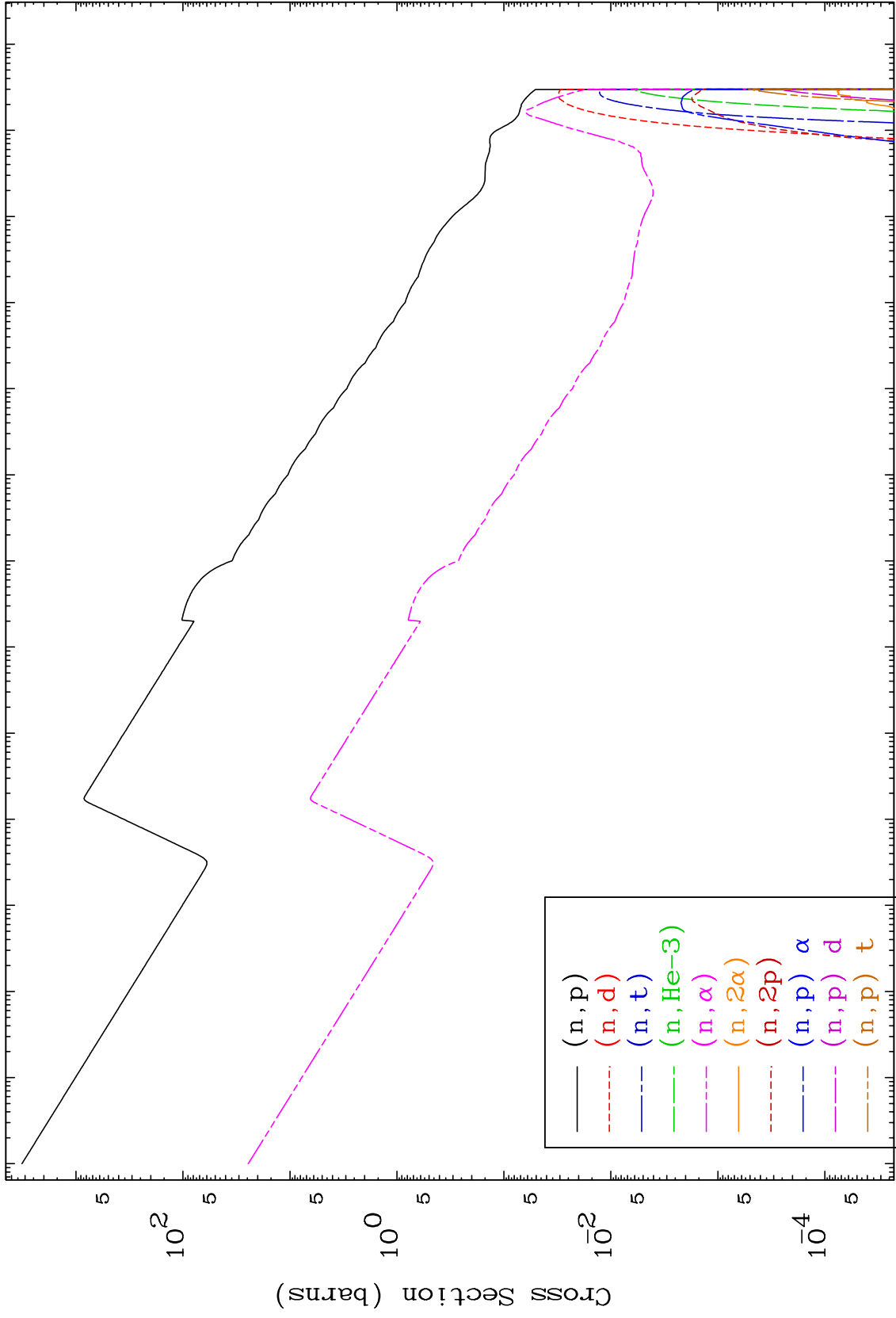
59-Pr-134



MAT 5904

Charged Particle
293 Kelvin Cross Sections

59-Pr-134



Incident Energy (MeV)

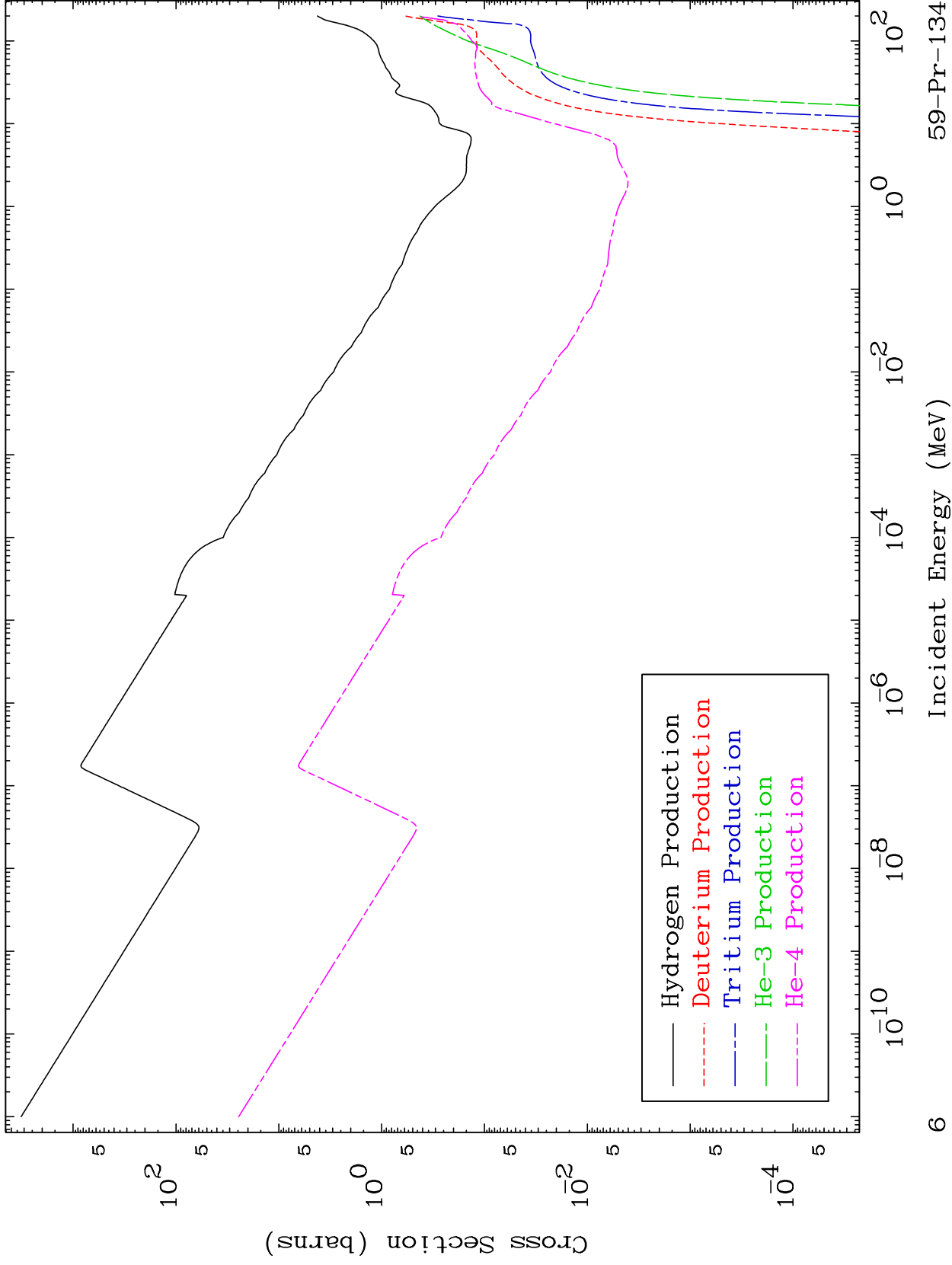
59-Pr-134

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MAT 5904

Particle Production
293 Kelvin Cross Sections

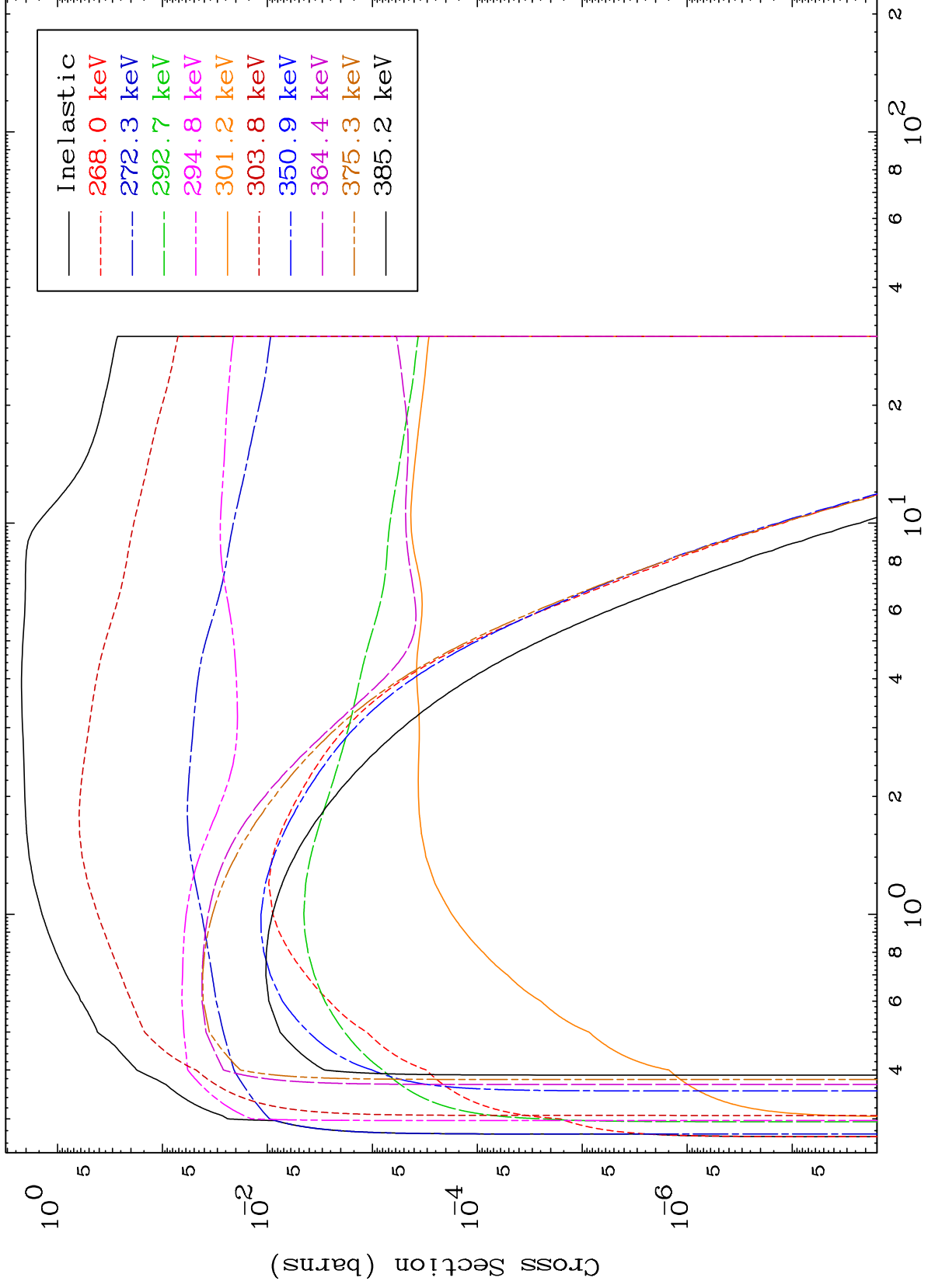
59-Pr-134



MAT 5904

(n,n') Level
293 Kelvin Cross Sections

59-Pr-134

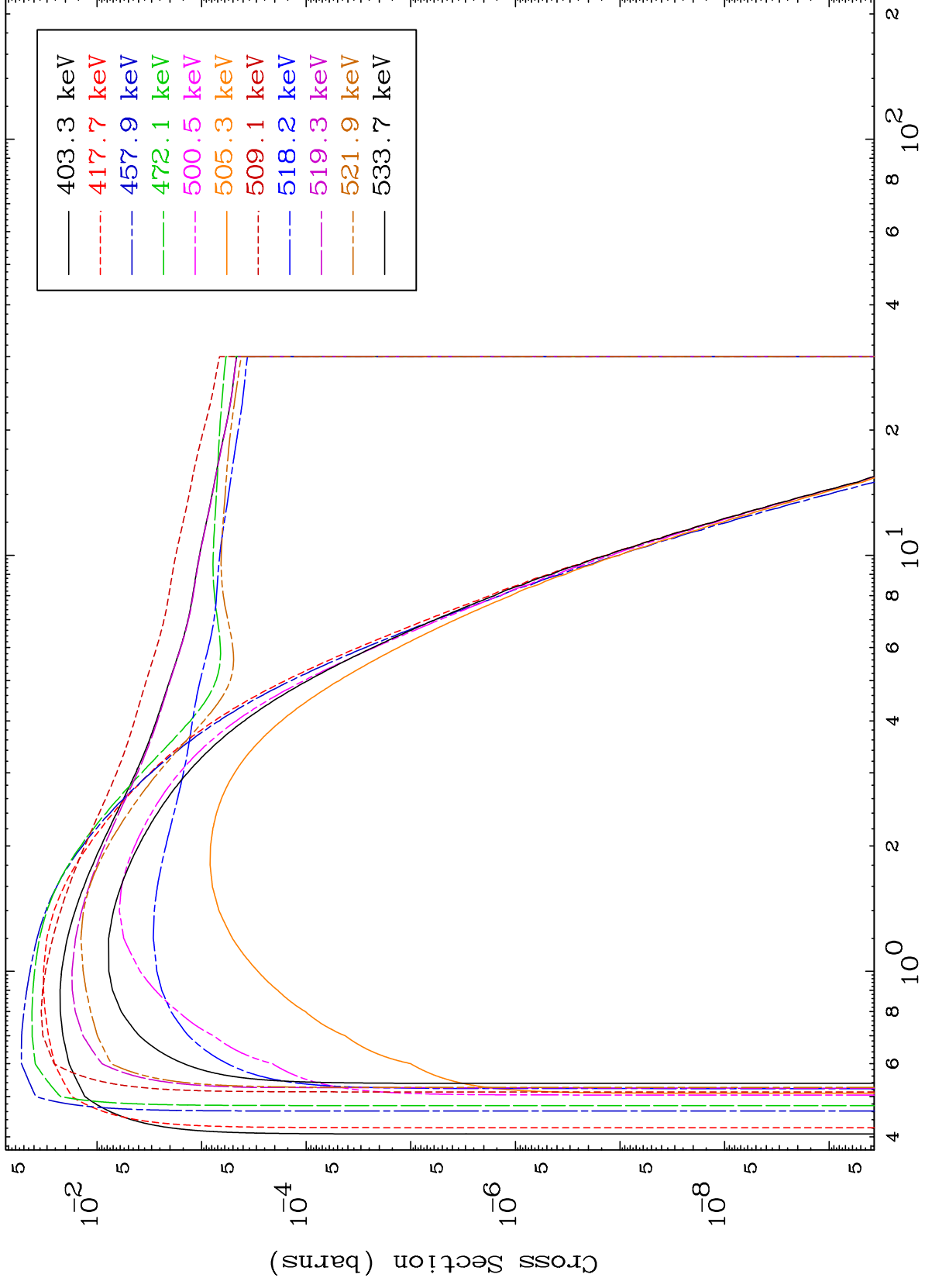


MAT 5904

(n,n') Level

59-Pr-134

293 Kelvin Cross Sections



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Incident Energy (MeV)

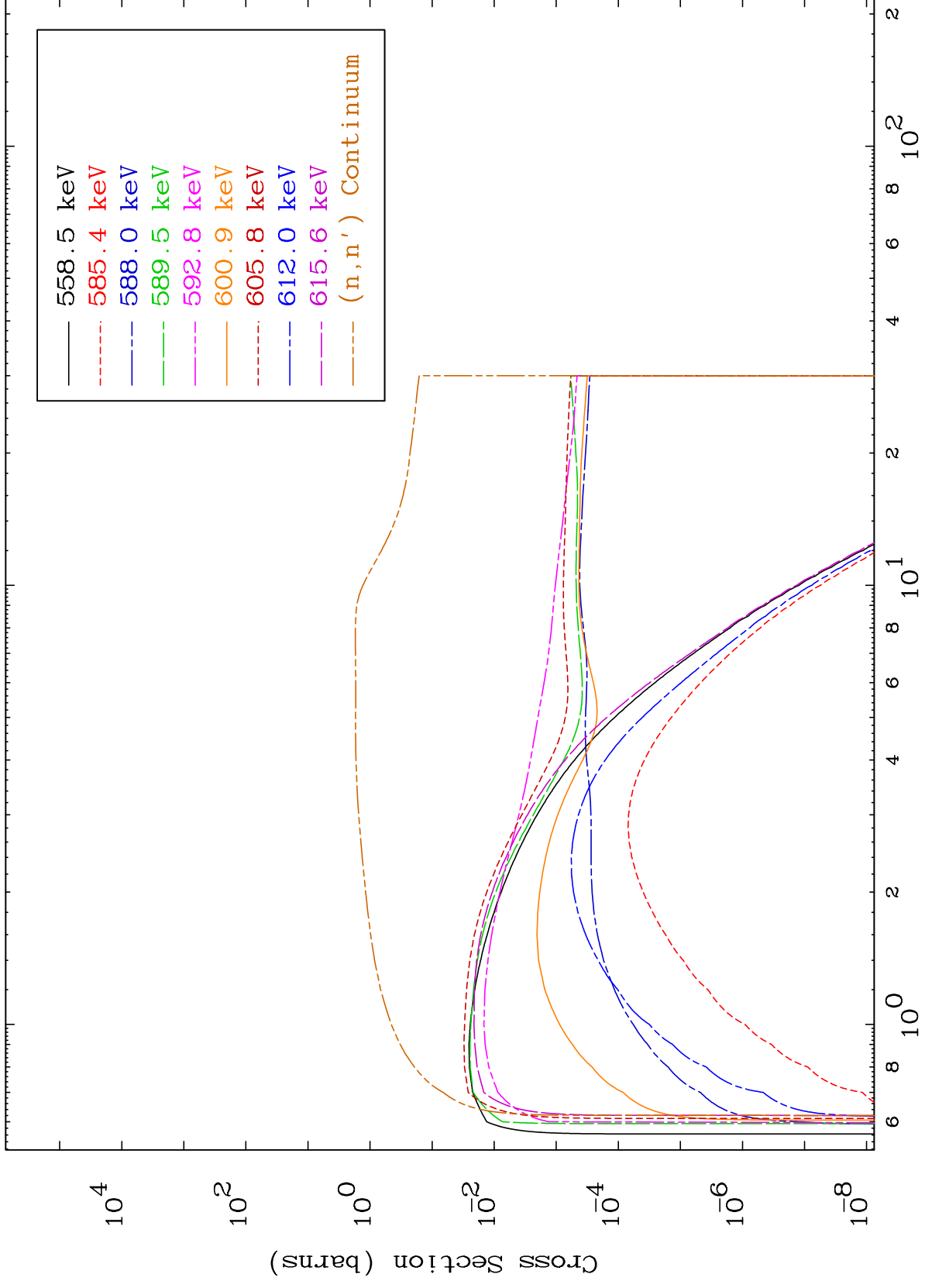
59-Pr-134

MAT 5904

(n,n') Level

59-Pr-134

293 Kelvin Cross Sections



9

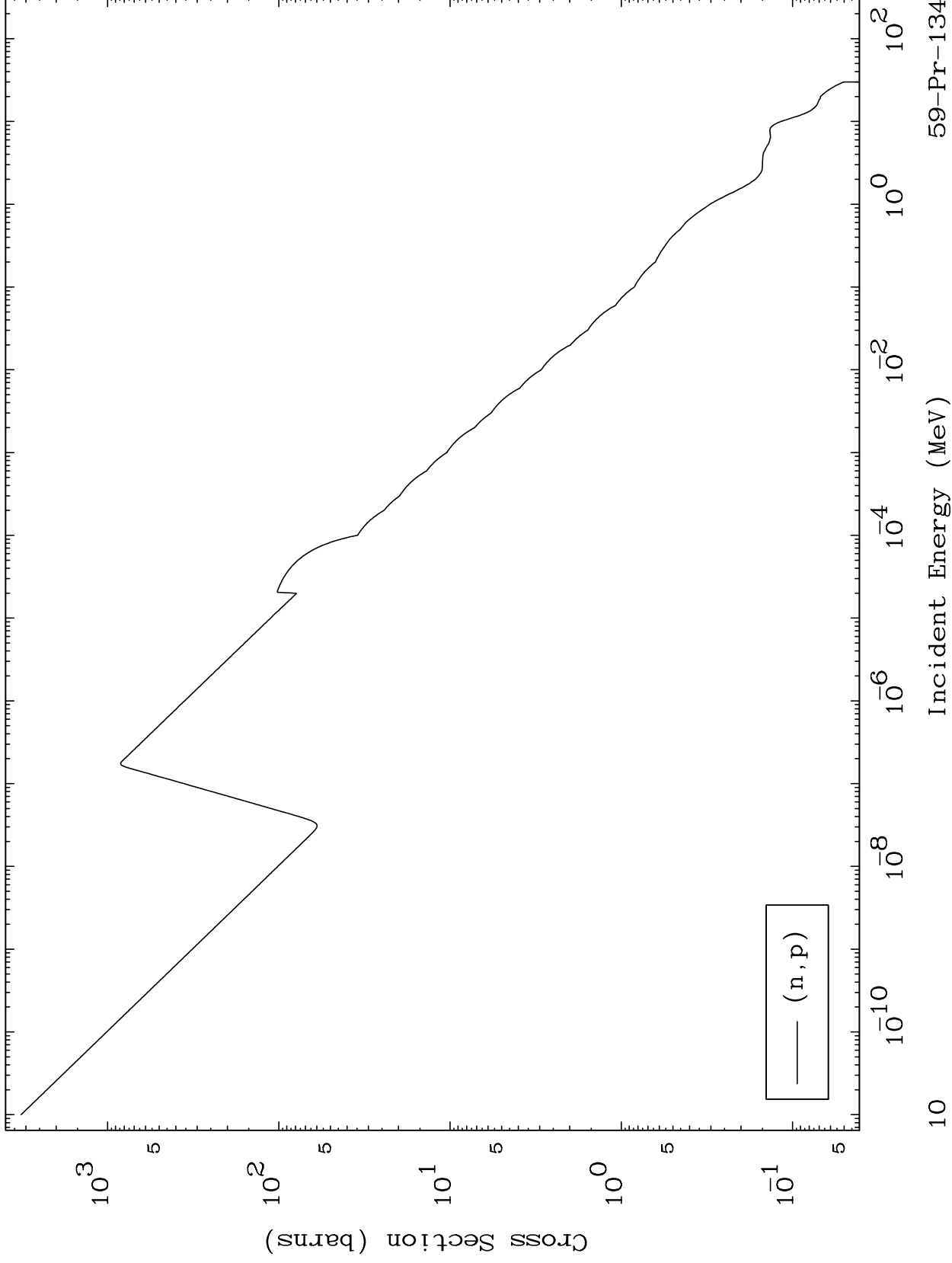
Incident Energy (MeV)

59-Pr-134

MAT 5904

(n,p) Levels
293 Kelvin Cross Sections

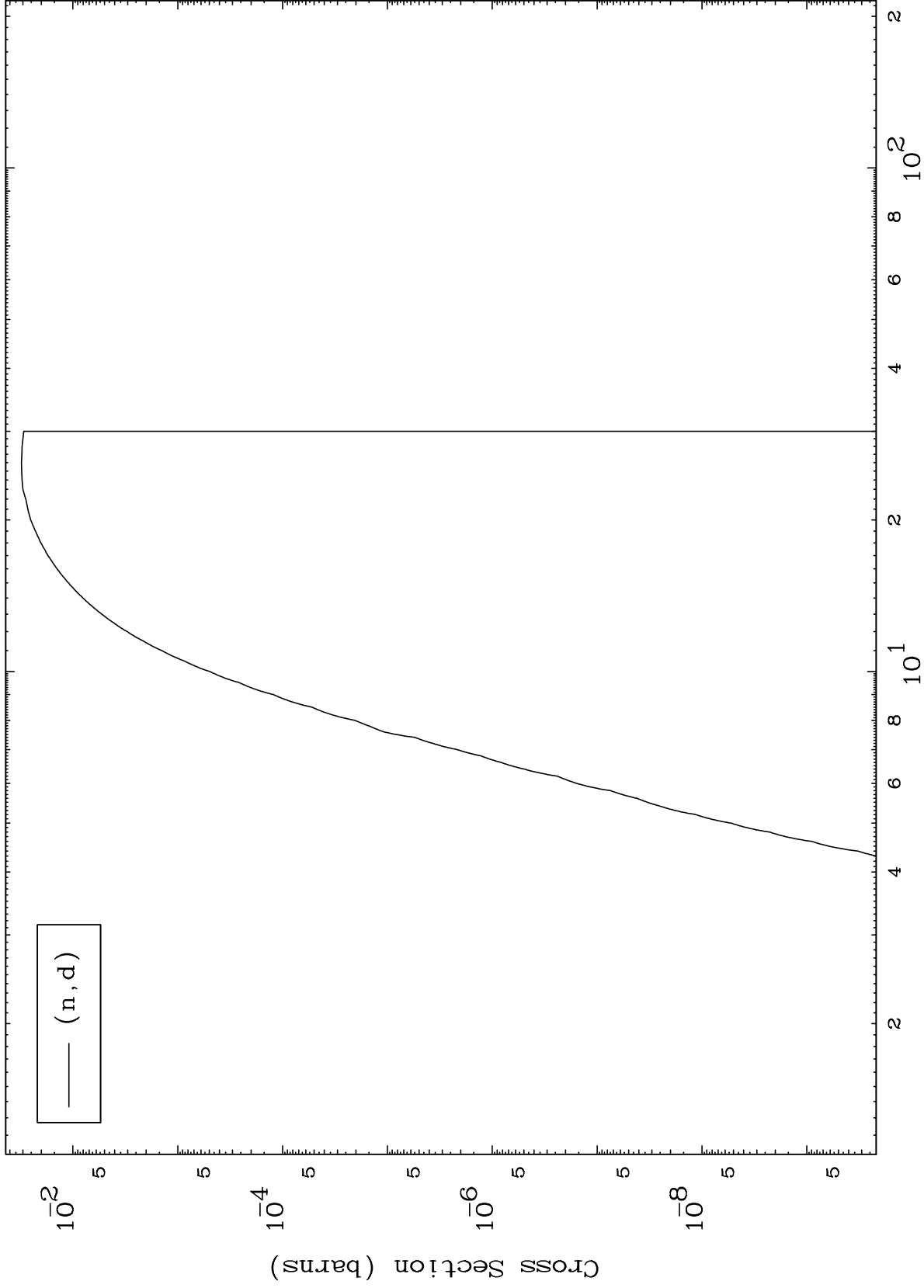
59-Pr-134



MAT 5904

(n,d) Levels
293 Kelvin Cross Sections

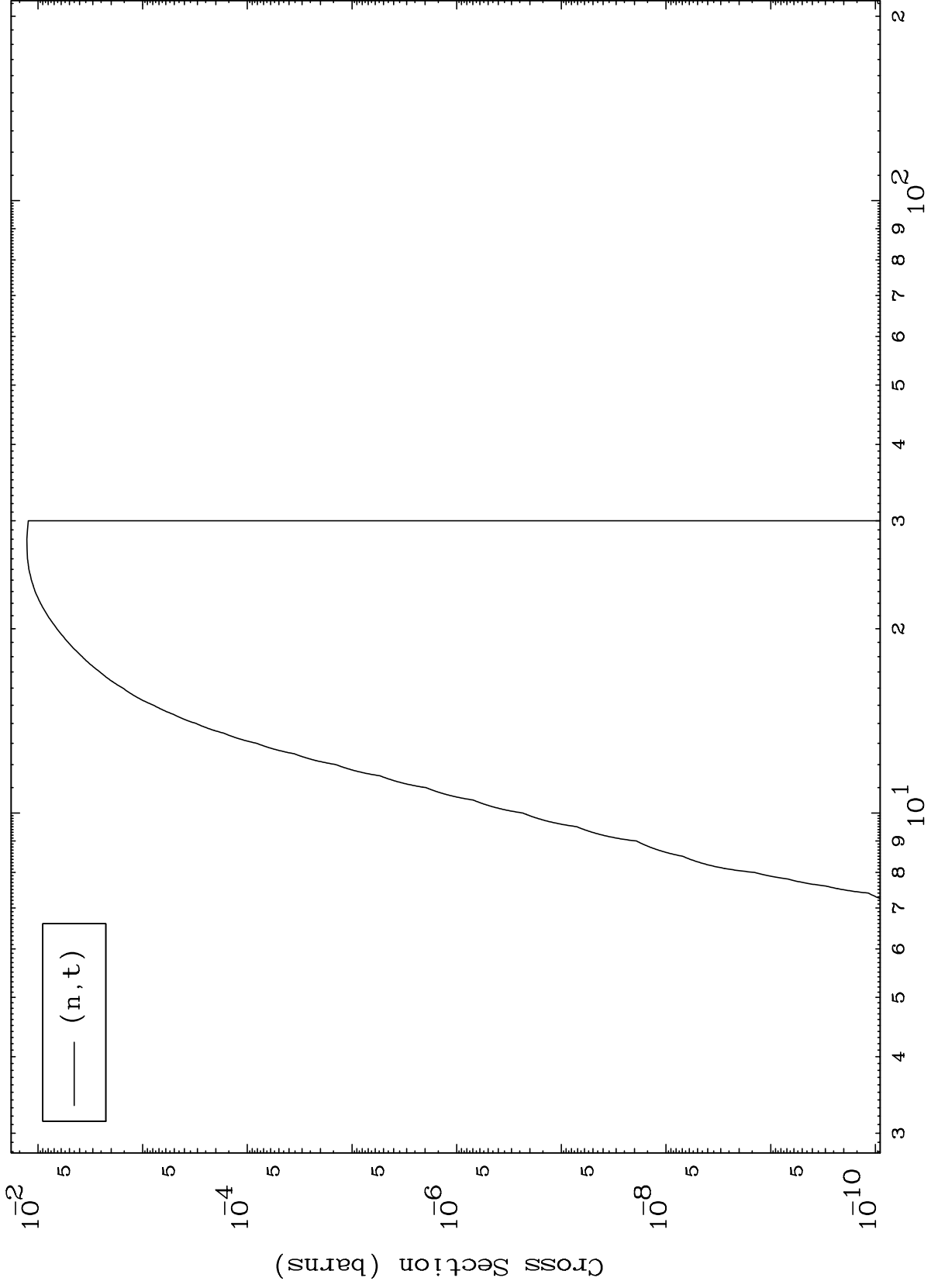
59-Pr-134



MAT 5904

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-134



12

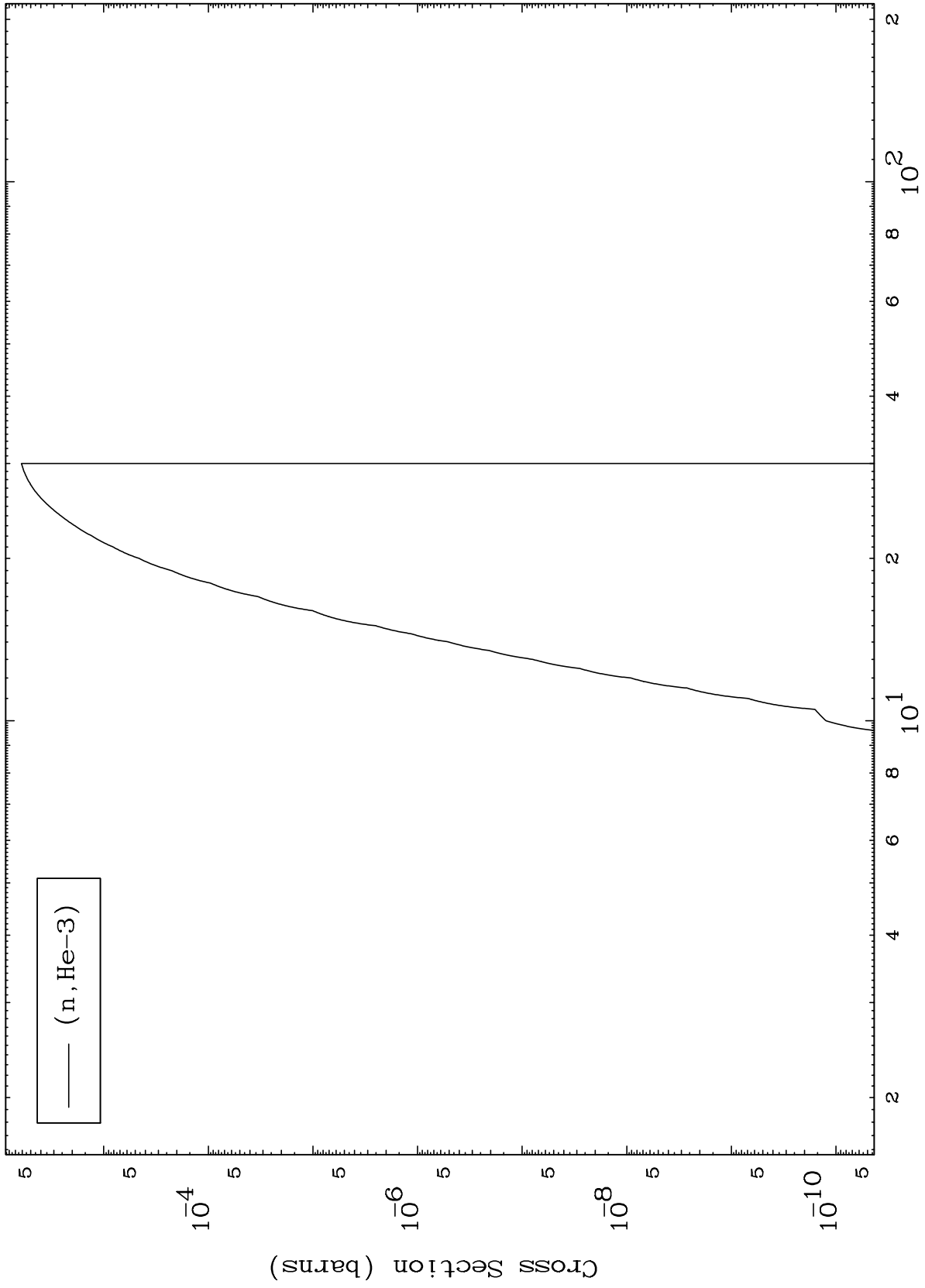
Incident Energy (MeV)

59-Pr-134

MAT 5904

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-134



13

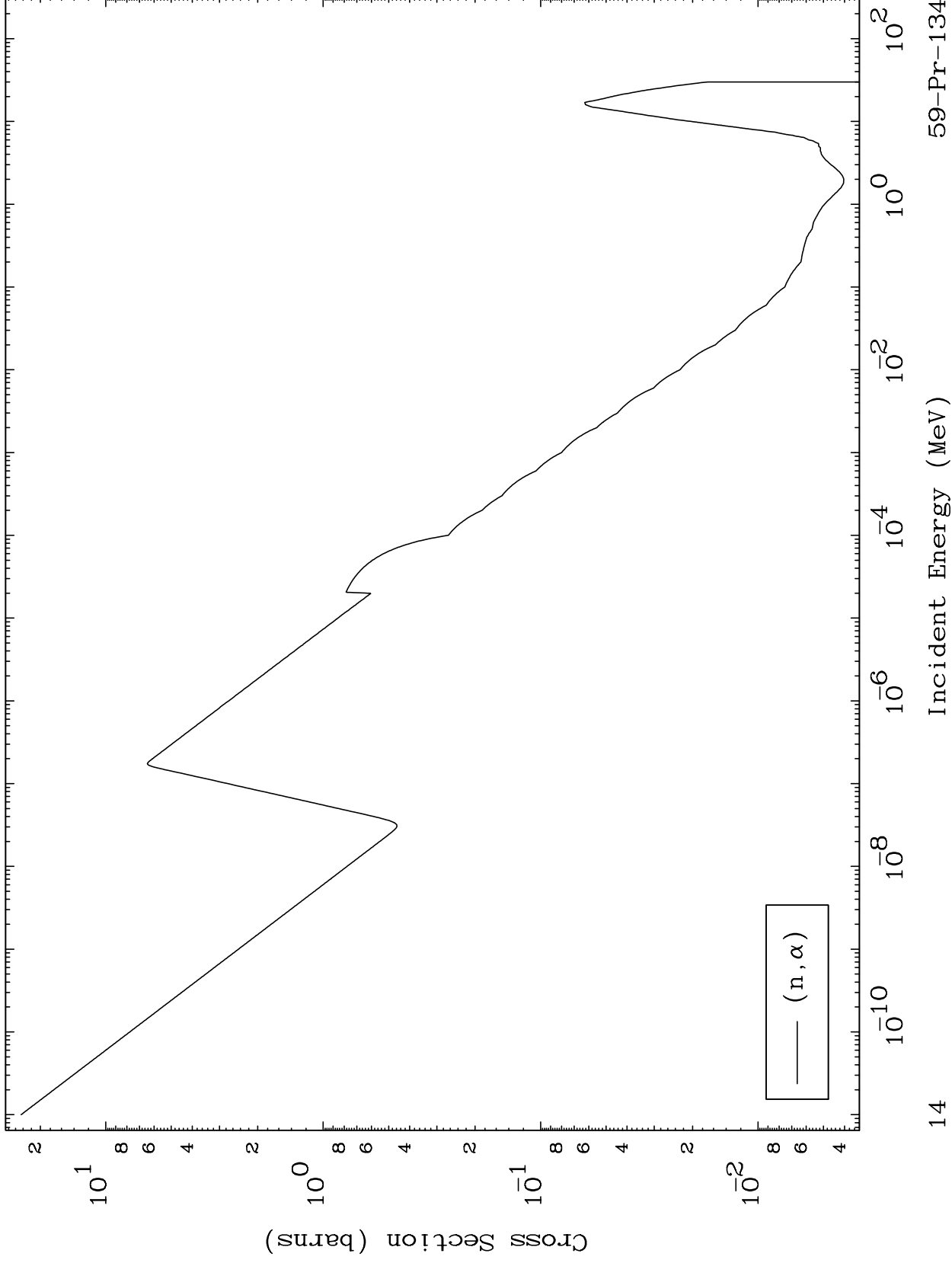
Incident Energy (MeV)

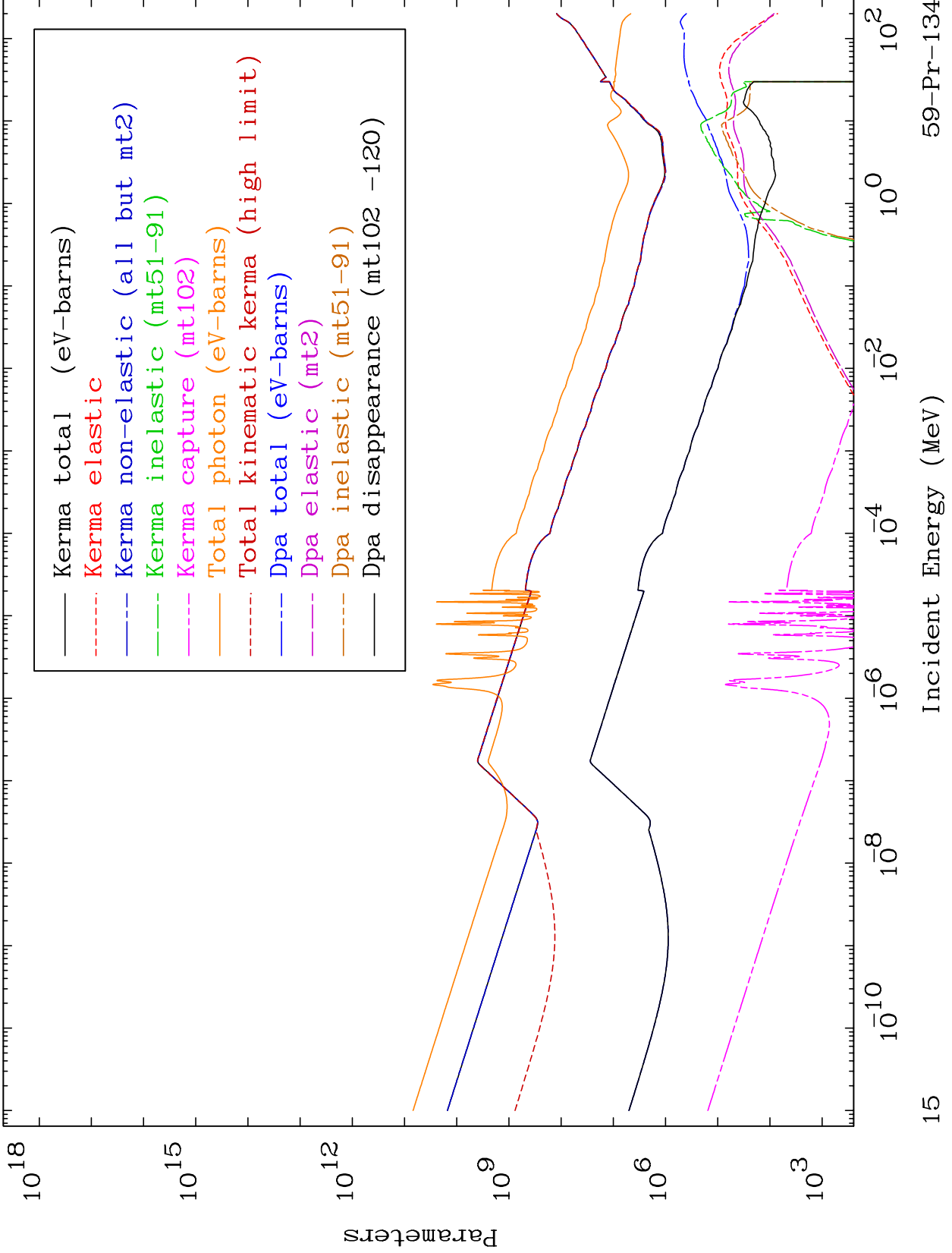
59-Pr-134

MAT 5904

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-134

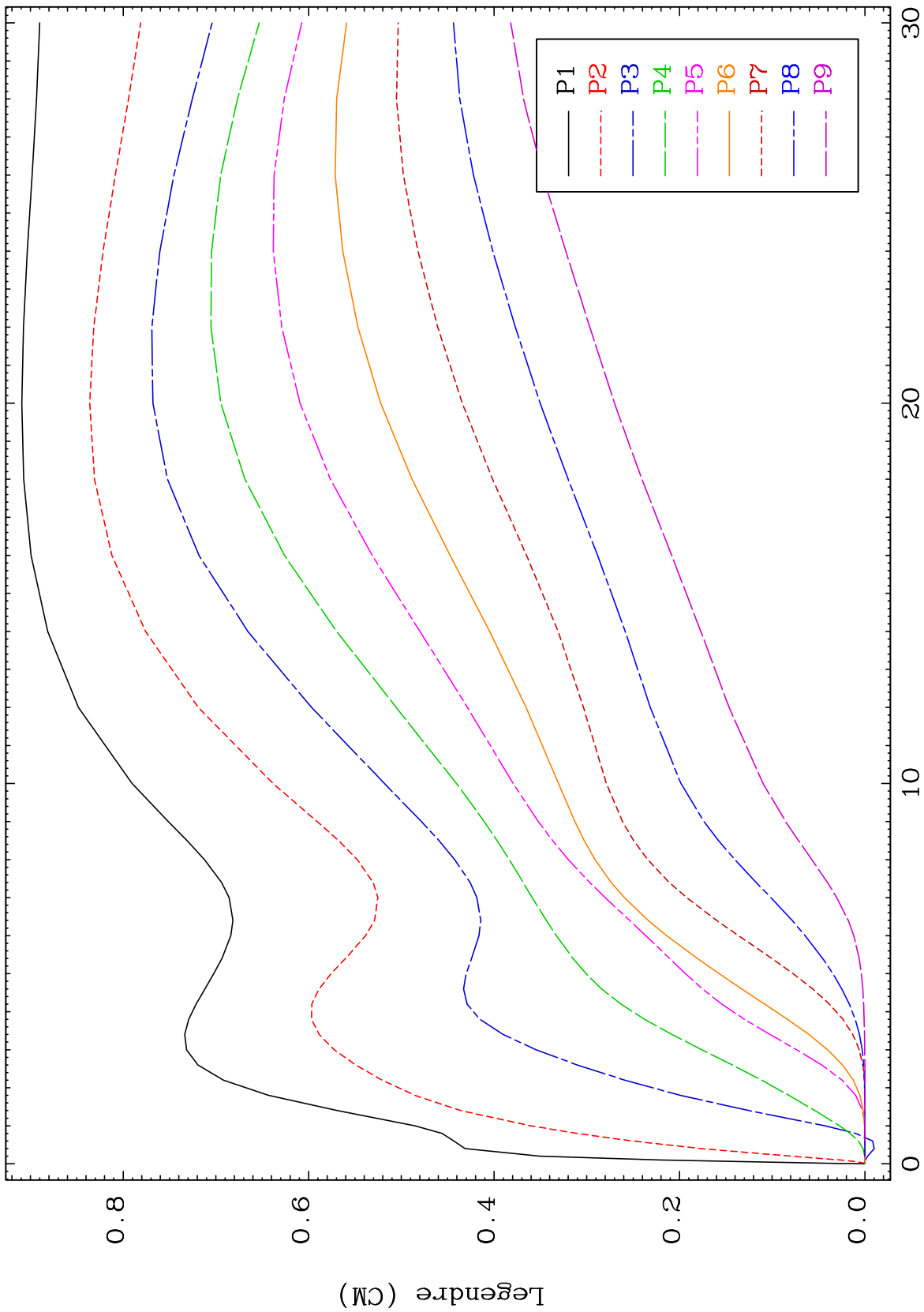




MAT 5904

Elastic Legendre Coefficients

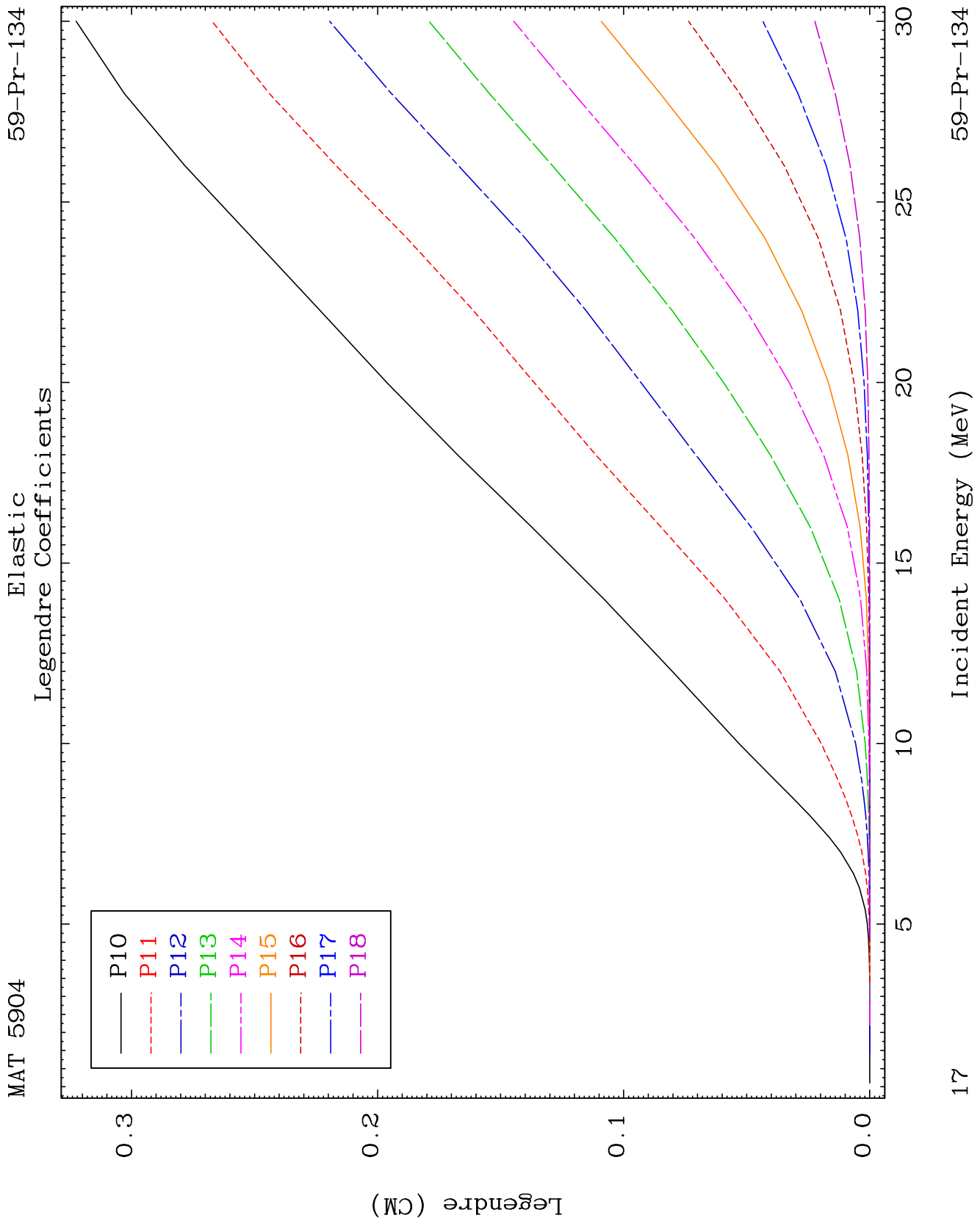
59-Pr-134



16

Incident Energy (MeV)

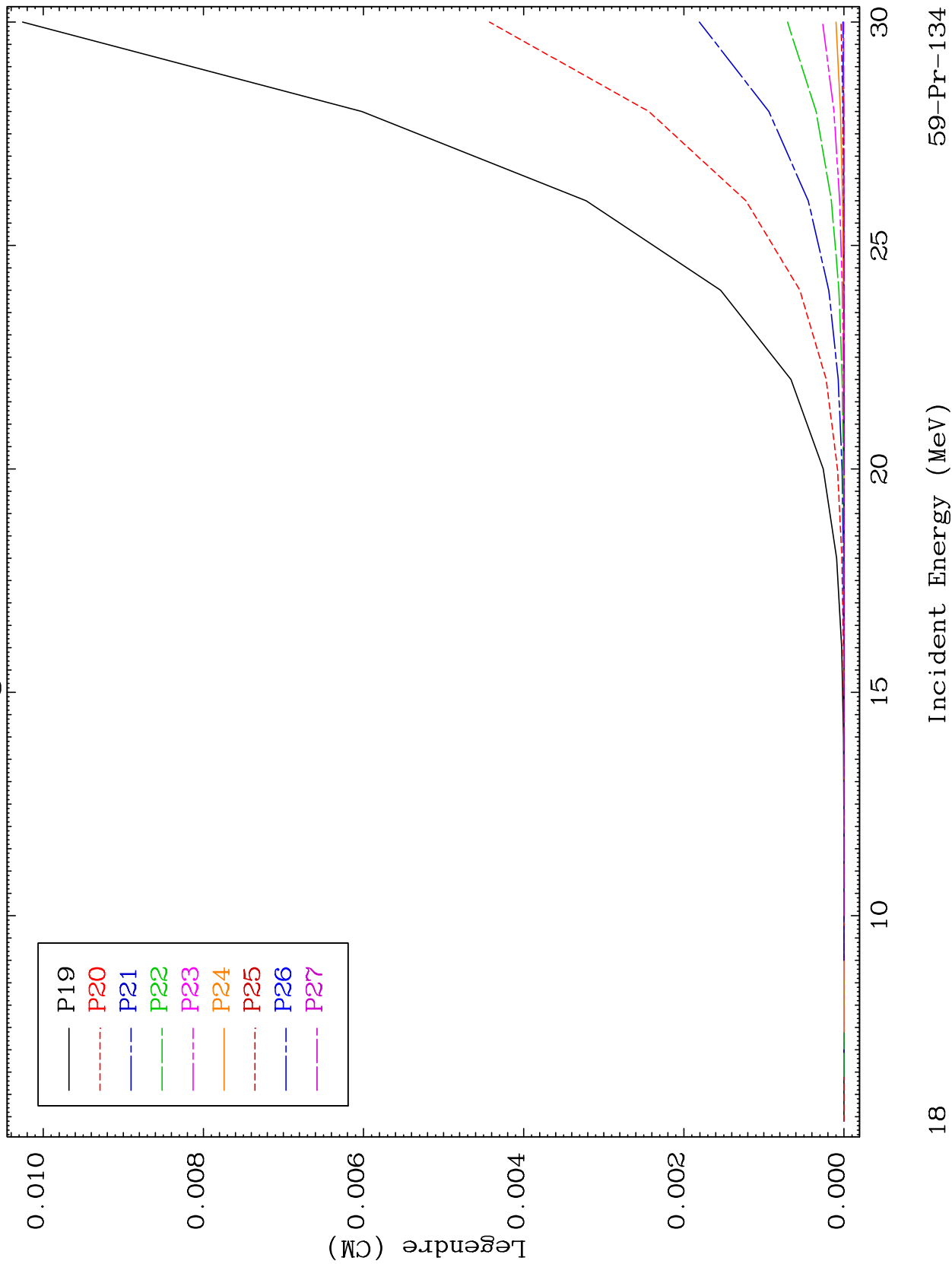
59-Pr-134



MAT 5904

Elastic Legendre Coefficients

59-Pr-134



18

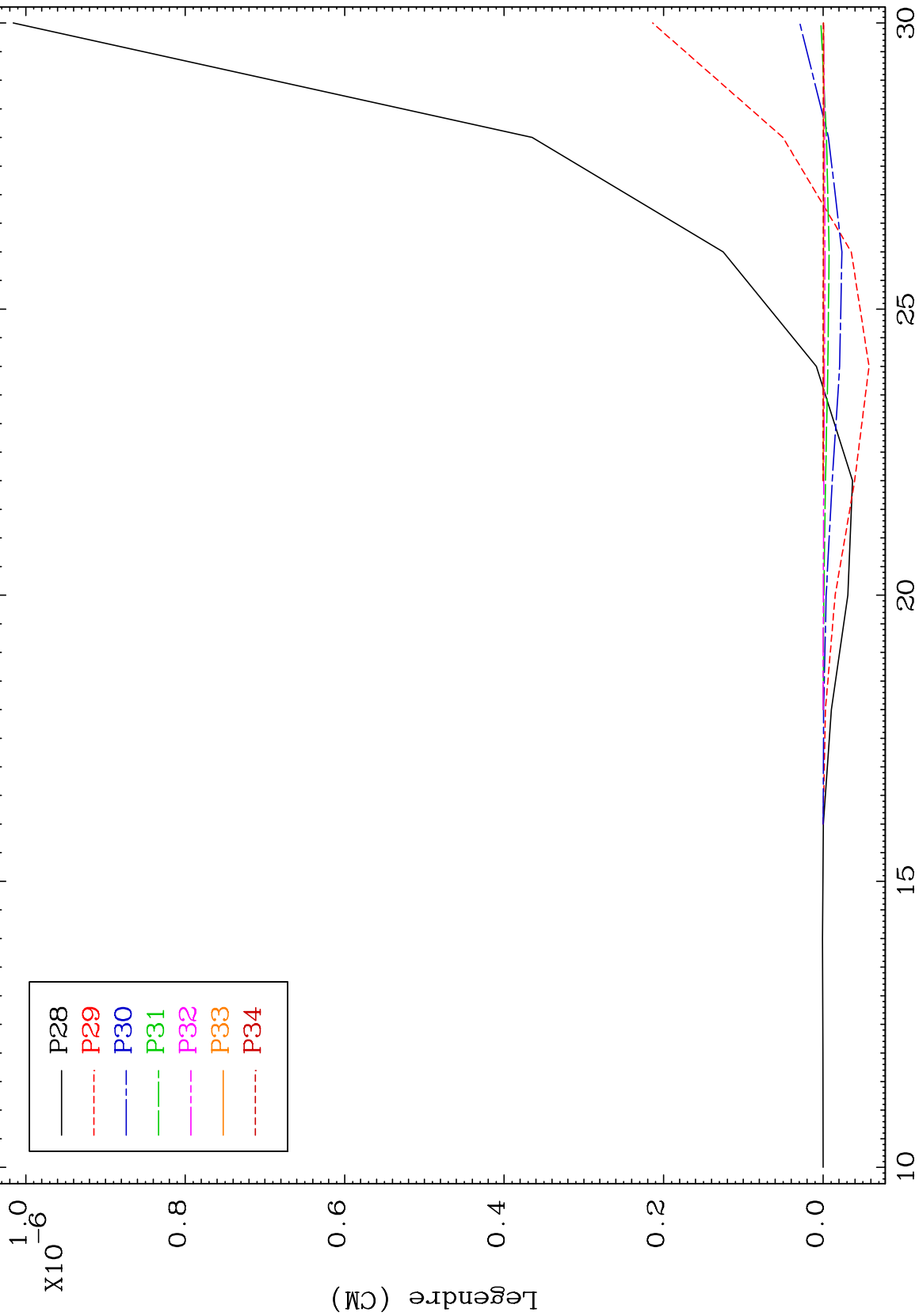
Incident Energy (MeV)

59-Pr-134

MAT 5904

Elastic
Legendre Coefficients

59-Pr-134



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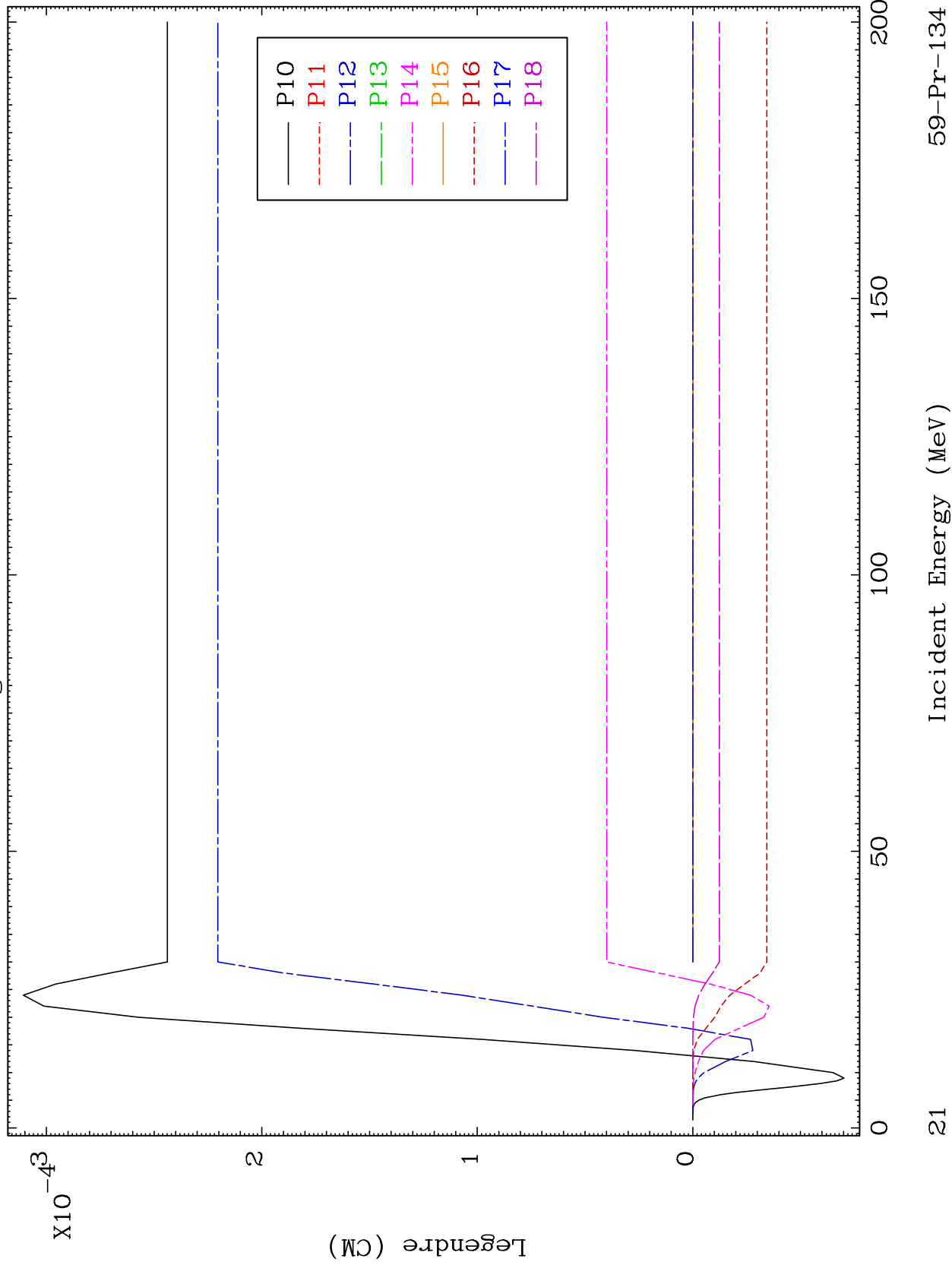
Incident Energy (MeV)

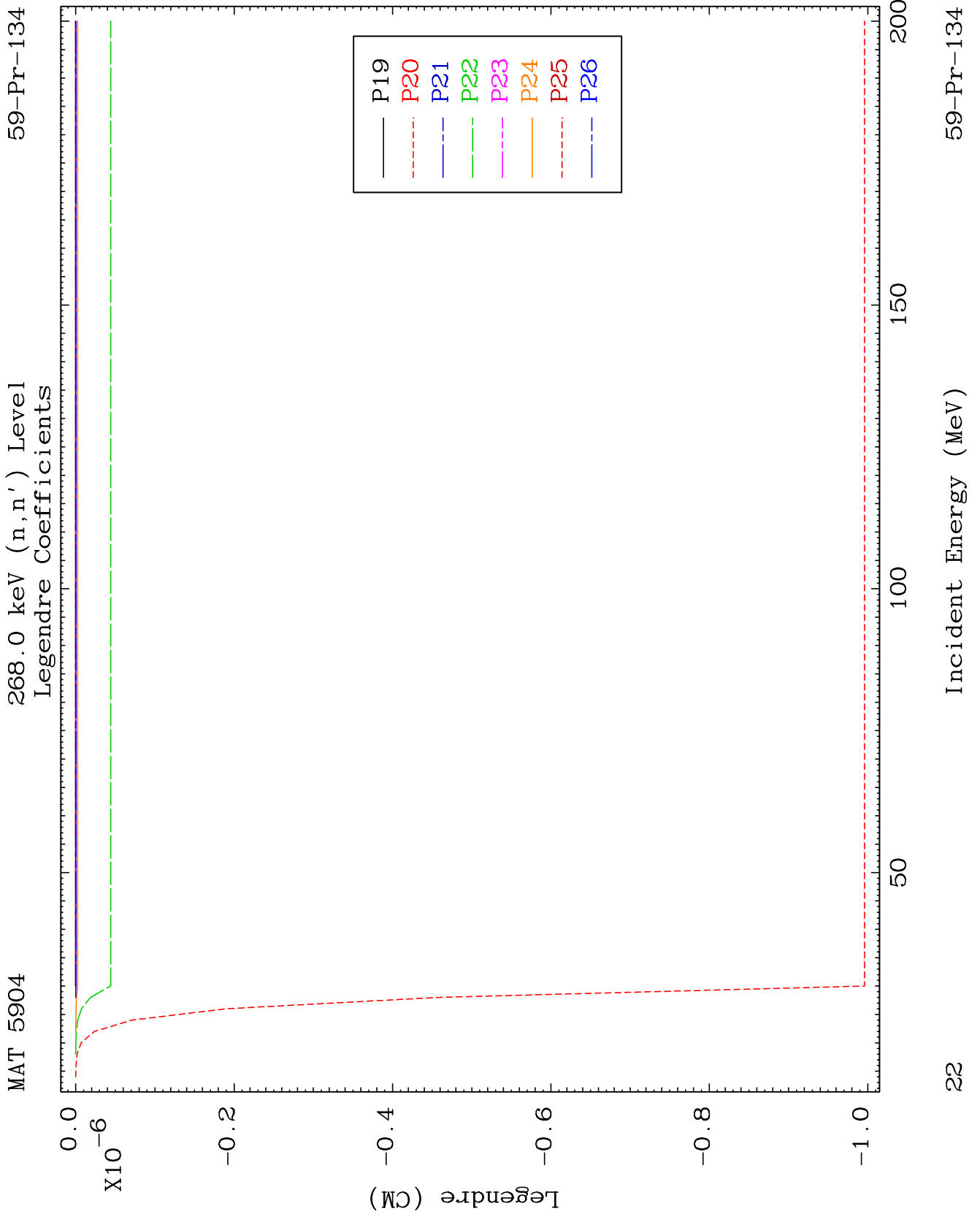
59-Pr-134

MAT 5904

268.0 keV (n,n') Level
Legendre Coefficients

59-Pr-134

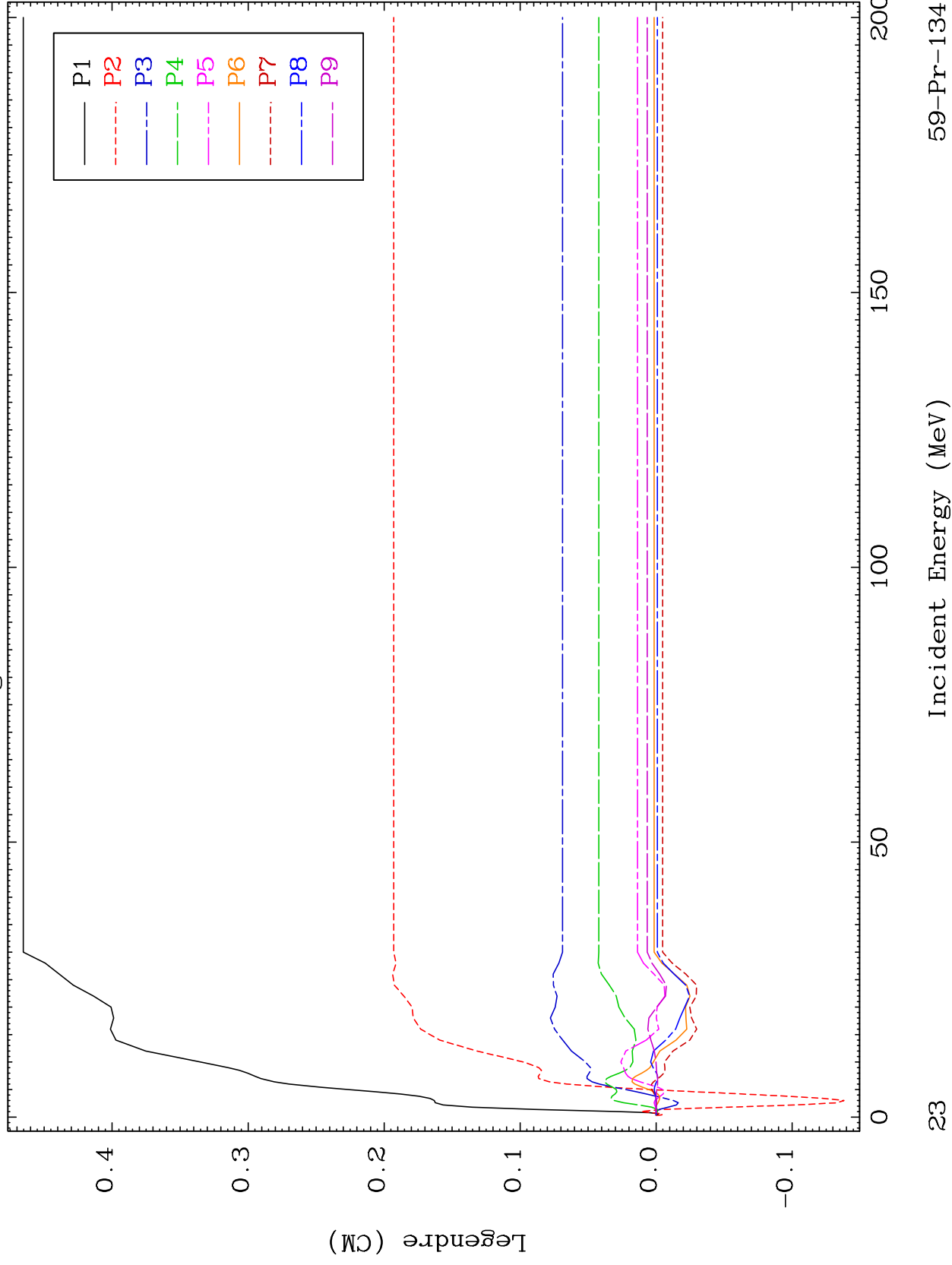




MAT 5904

272.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

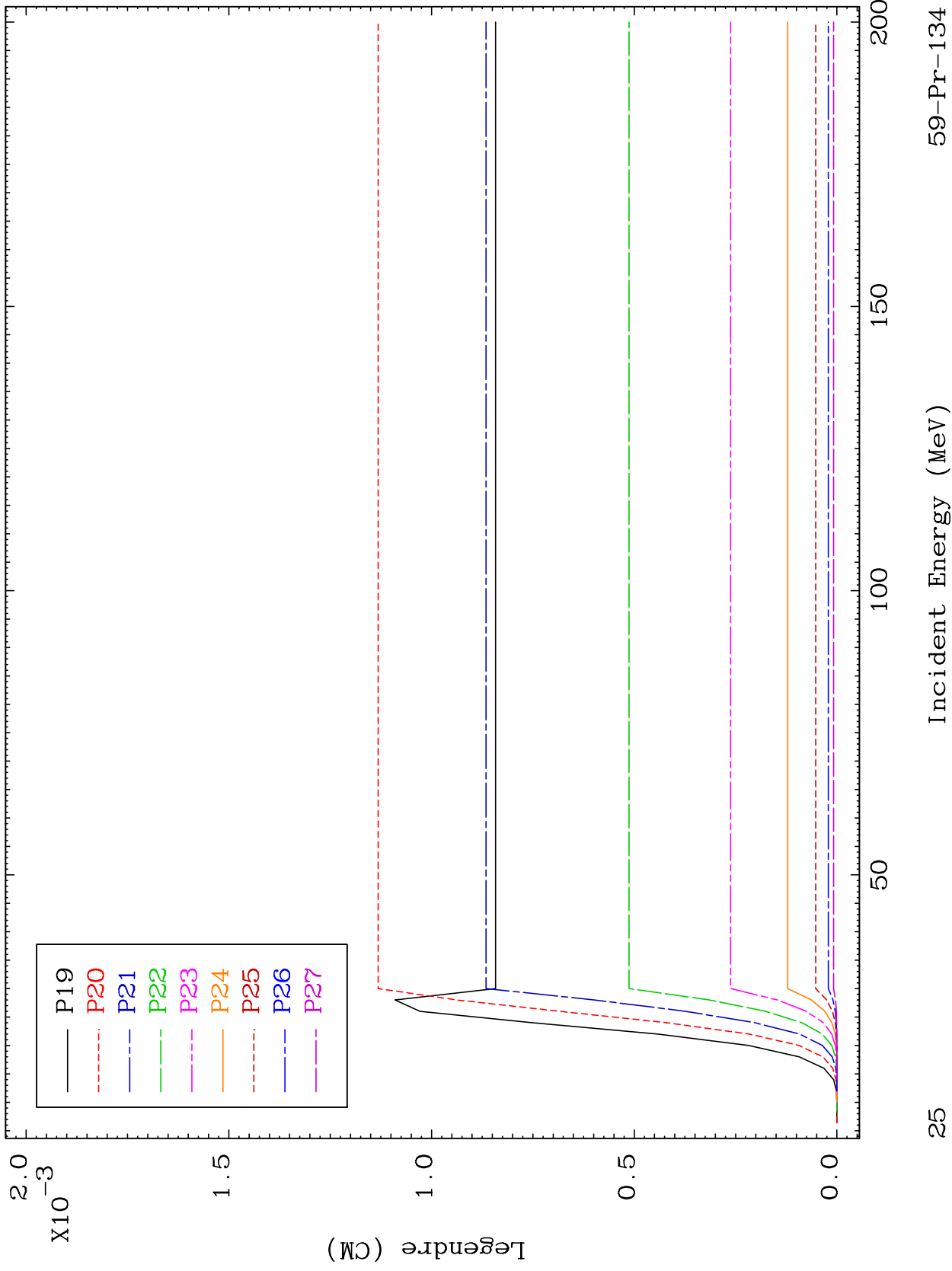
Incident Energy (MeV)

23

MAT 5904

272.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

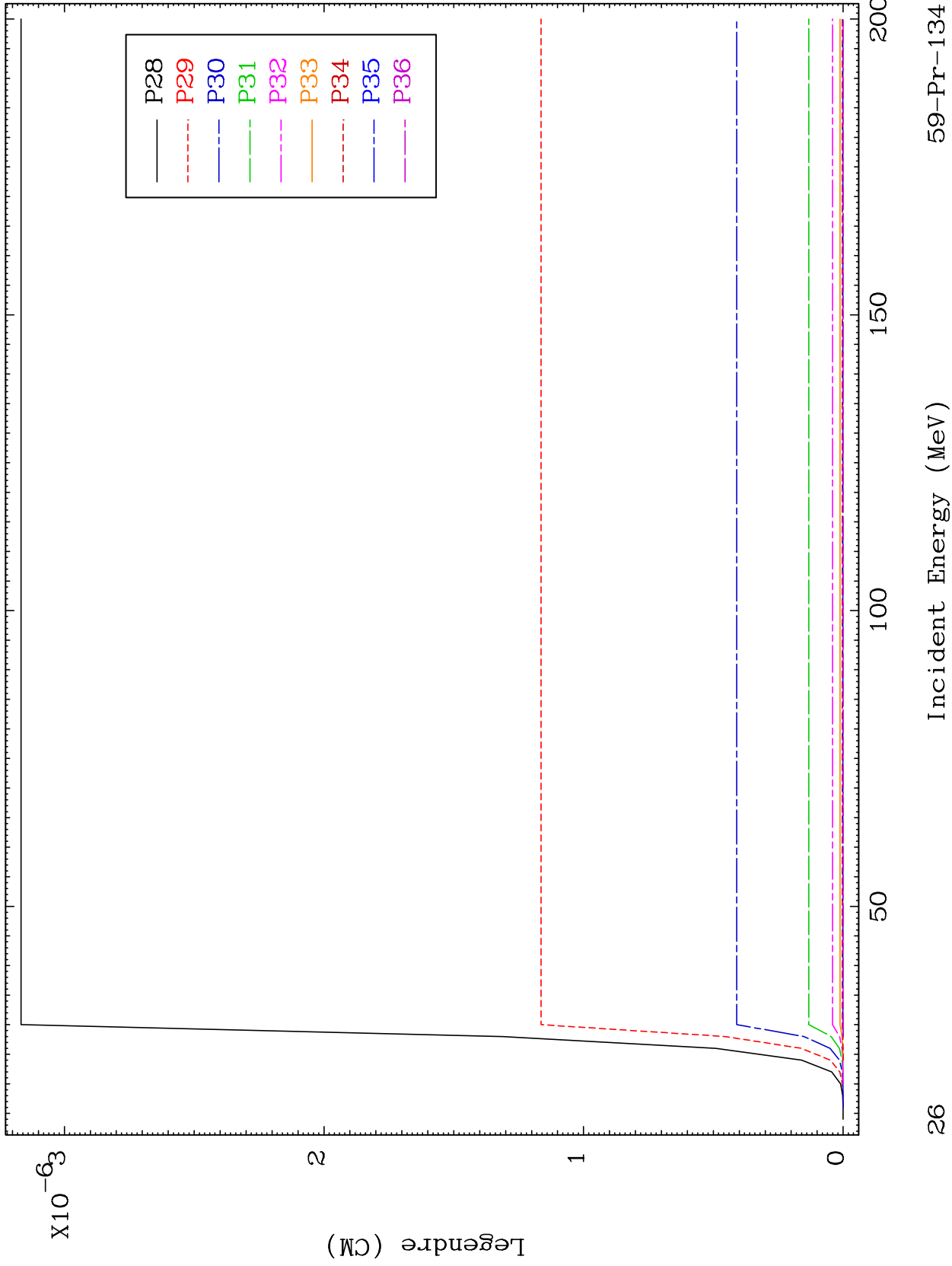
Incident Energy (MeV)

25

MAT 5904

272.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134



26

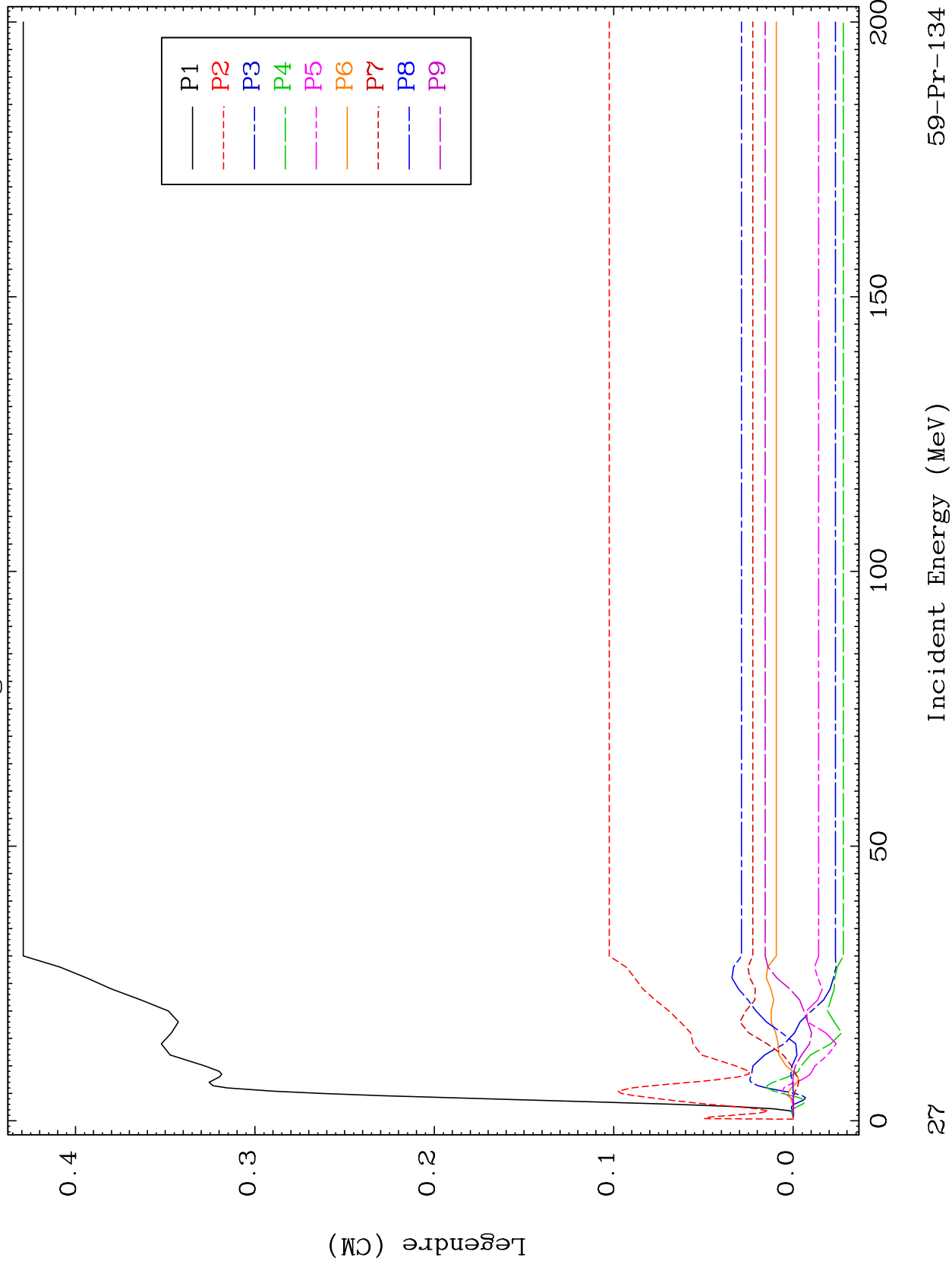
Incident Energy (MeV)

59-Pr-134

MAT 5904

292.7 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

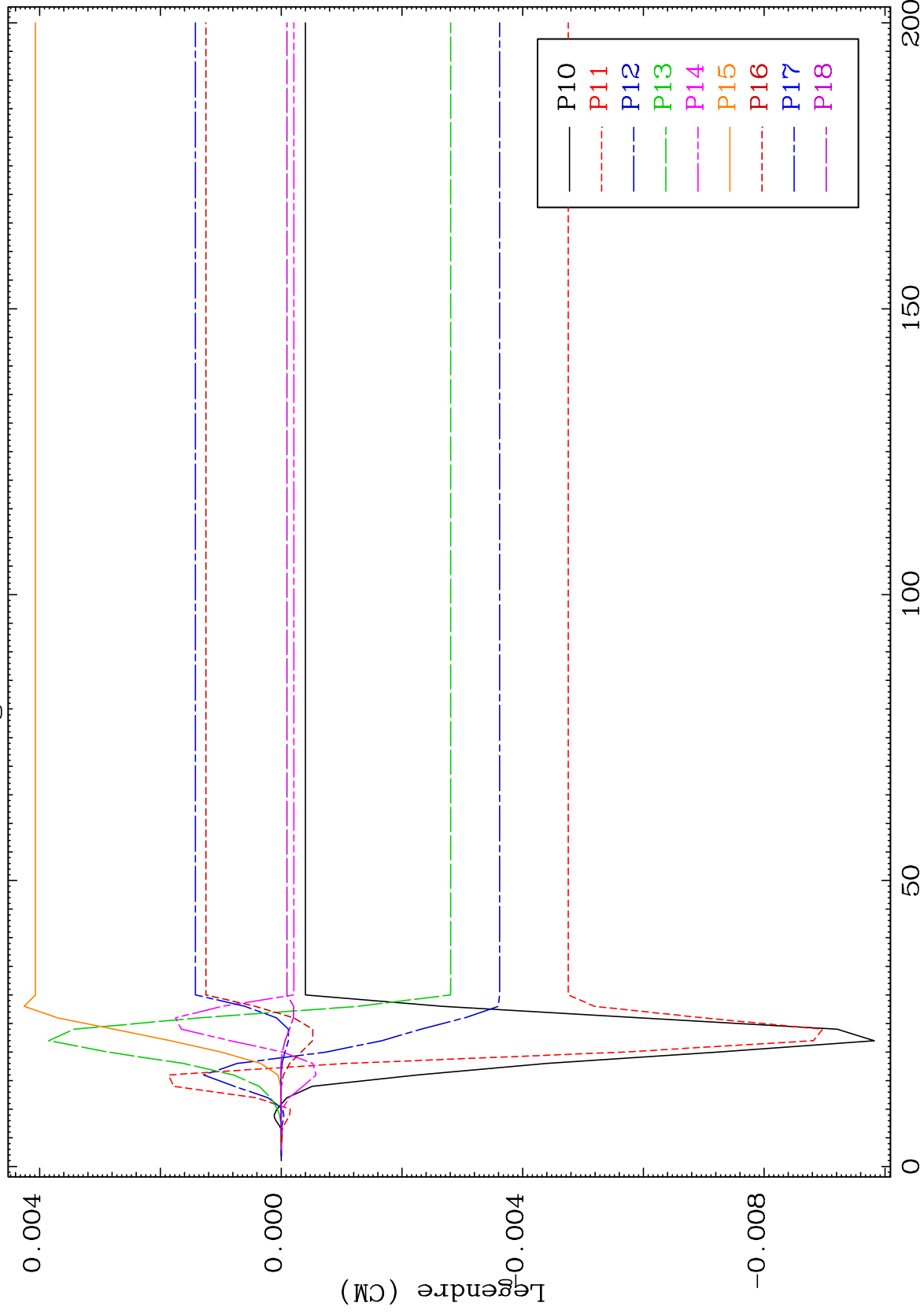
Incident Energy (MeV)

27

MAT 5904

292.7 keV (n,n') Level
Legendre Coefficients

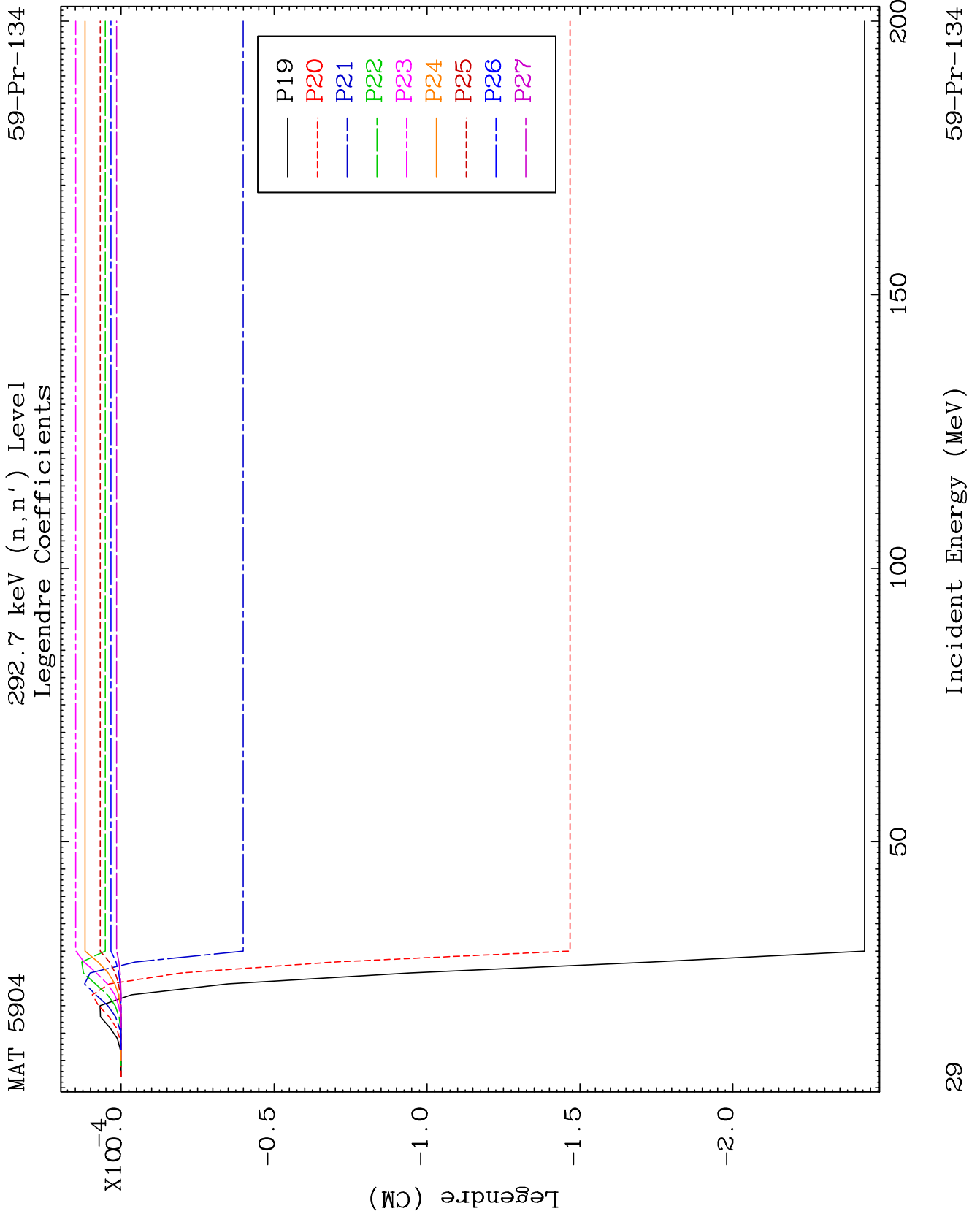
59-Pr-134



28

Incident Energy (MeV)

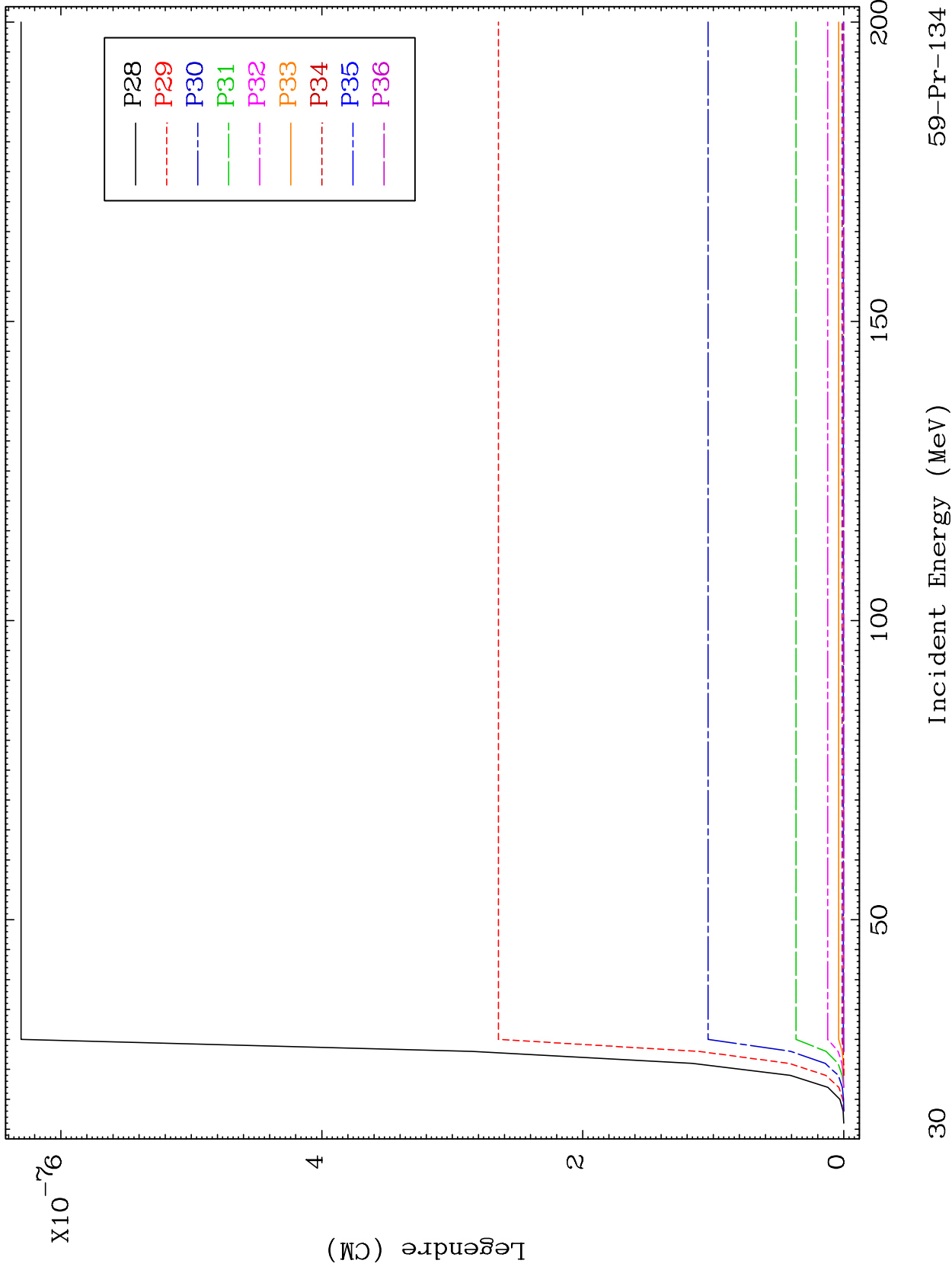
59-Pr-134



MAT 5904

292.7 keV (n,n') Level
Legendre Coefficients

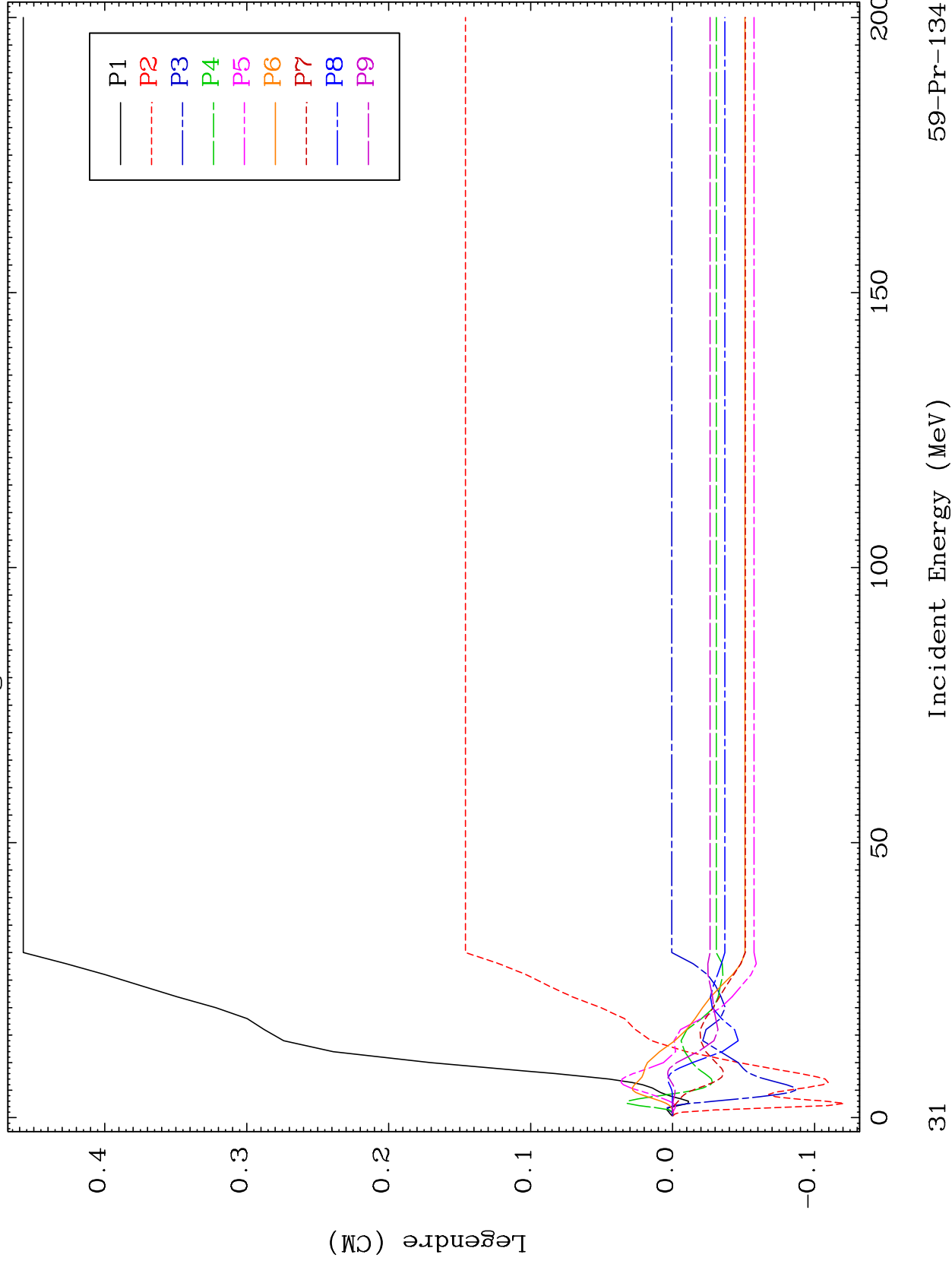
59-Pr-134



MAT 5904

294.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

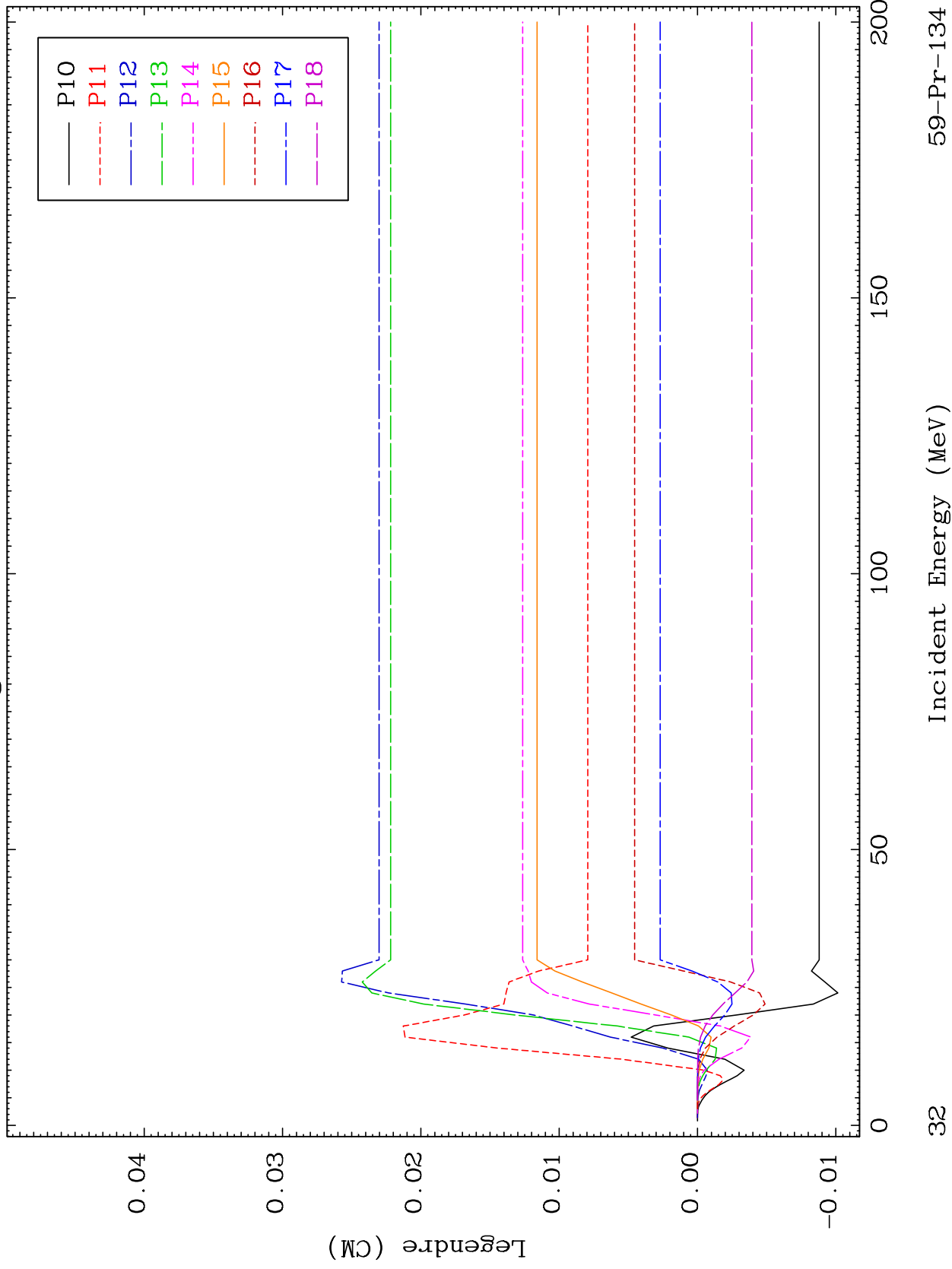
Incident Energy (MeV)

31

MAT 5904

294.8 keV (n,n') Level
Legendre Coefficients

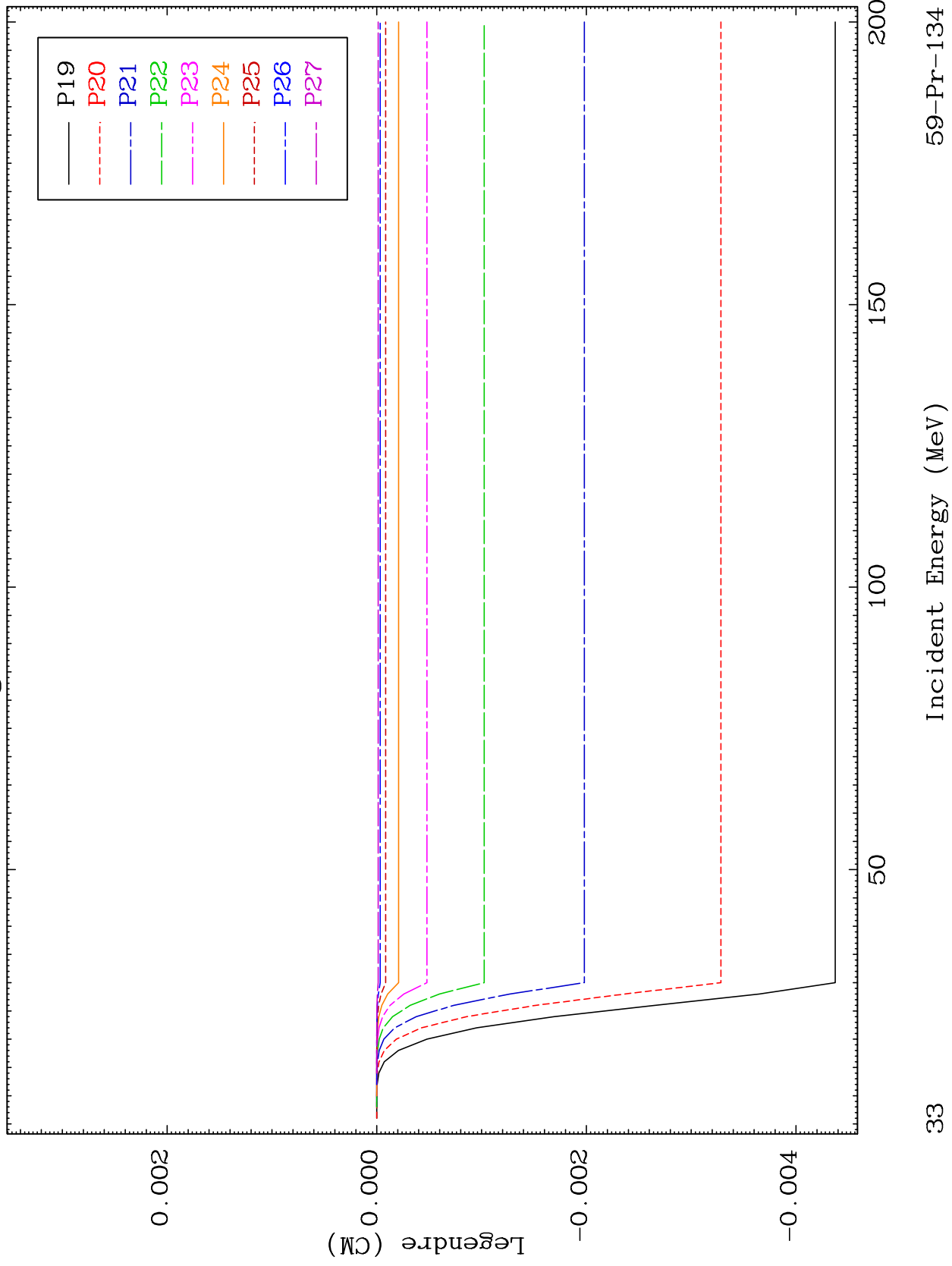
59-Pr-134

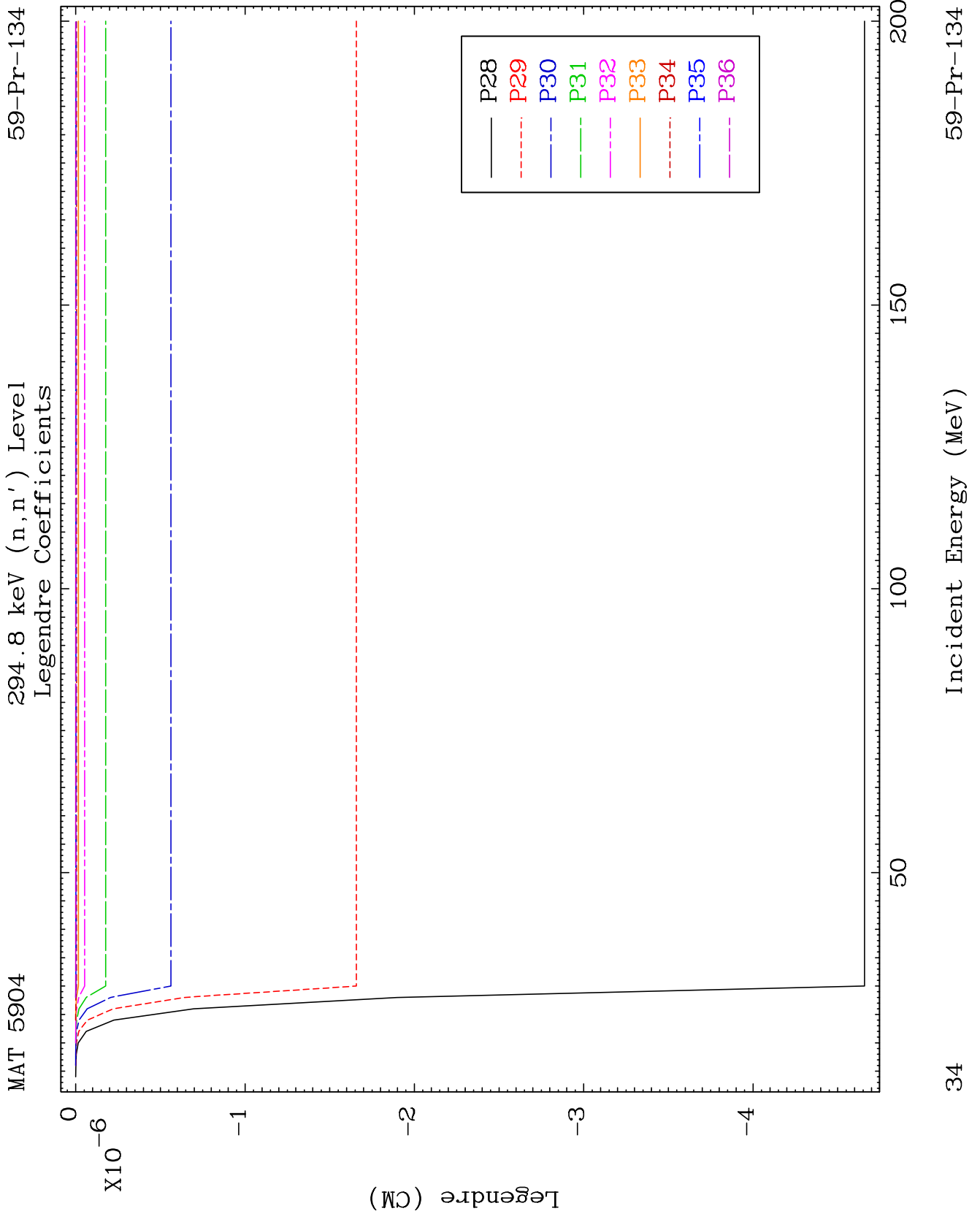


59-Pr-134

Incident Energy (MeV)

32

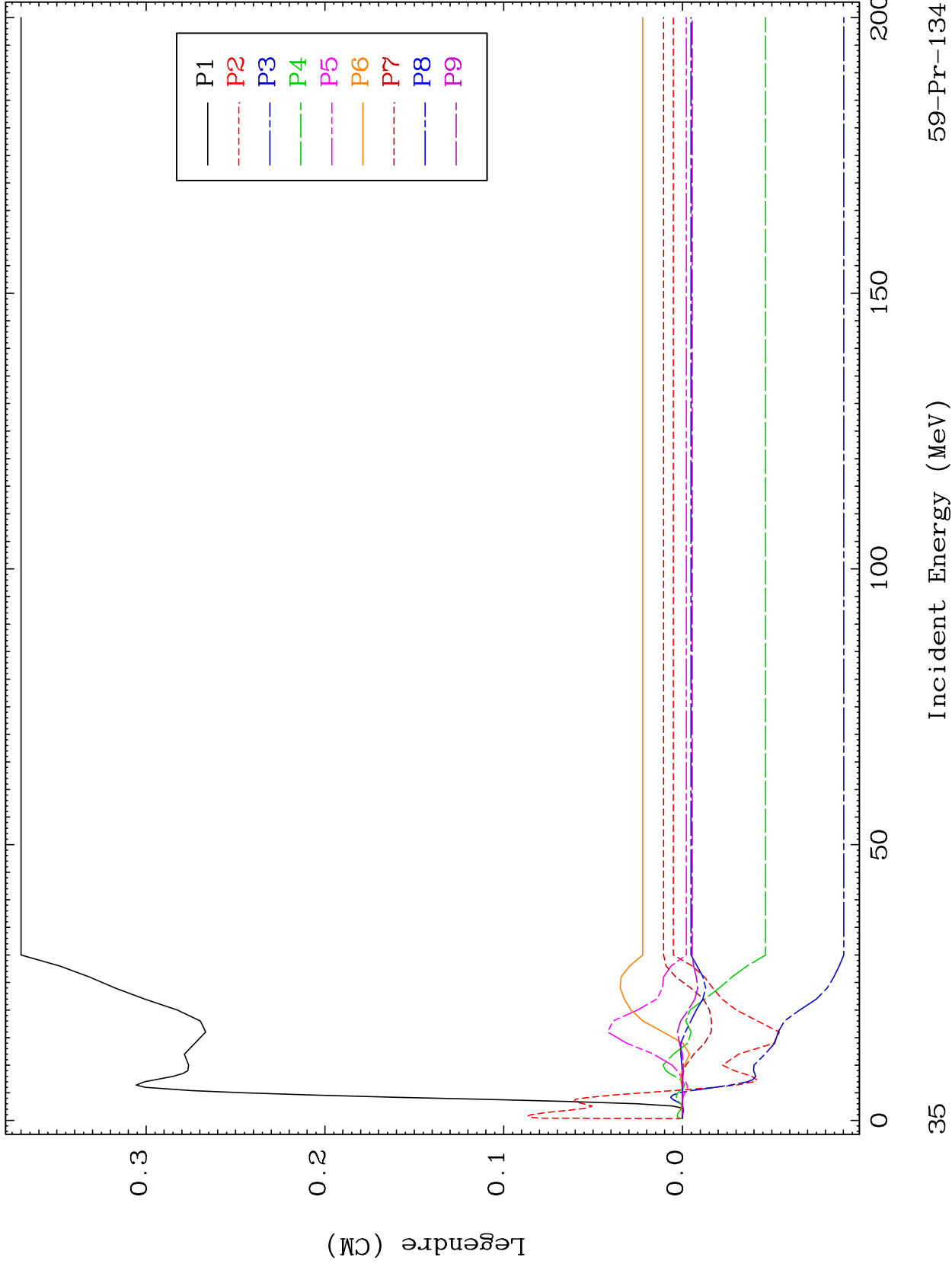




MAT 5904

301.2 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

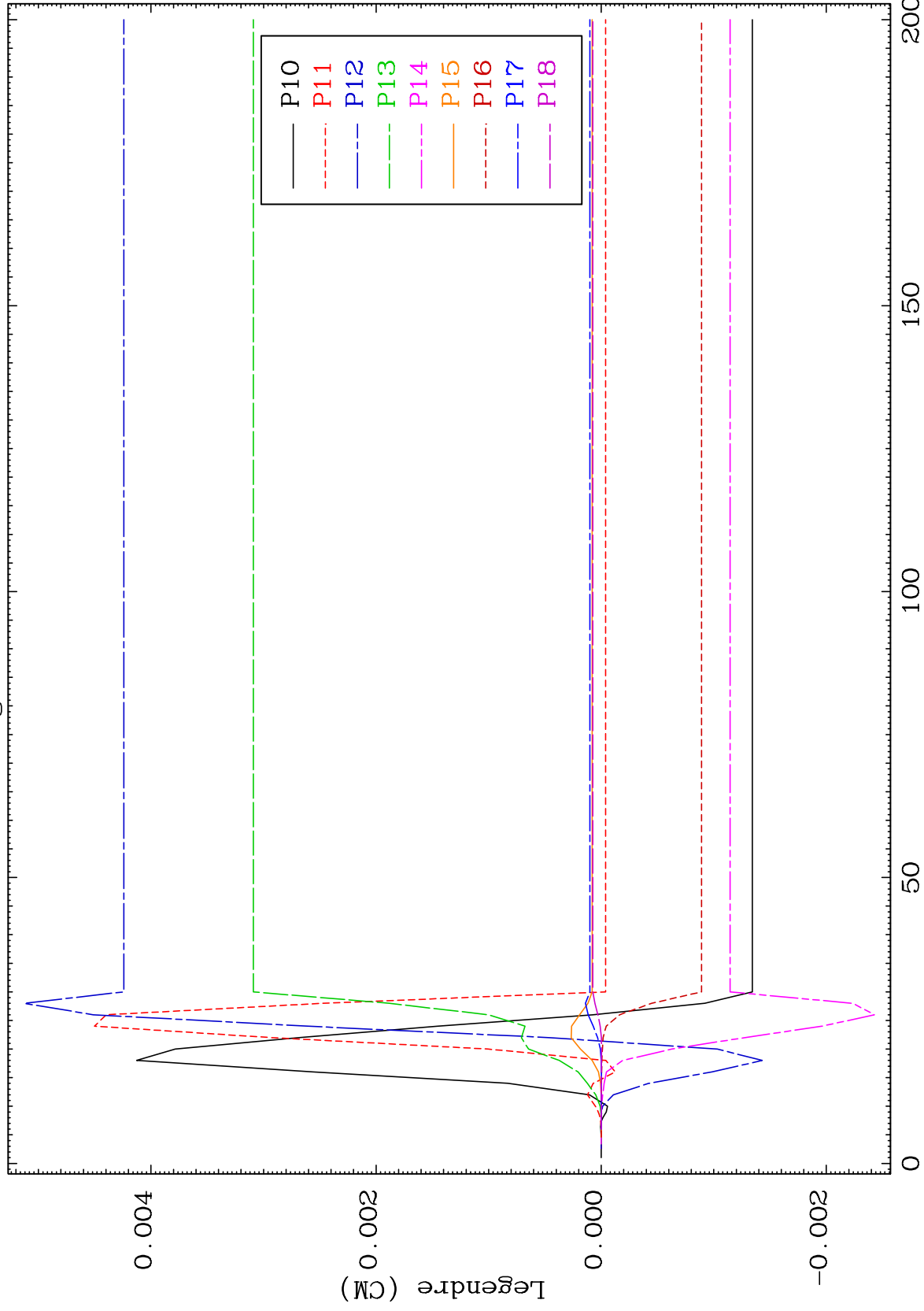
Incident Energy (MeV)

35

MAT 5904

301.2 keV (n,n') Level
Legendre Coefficients

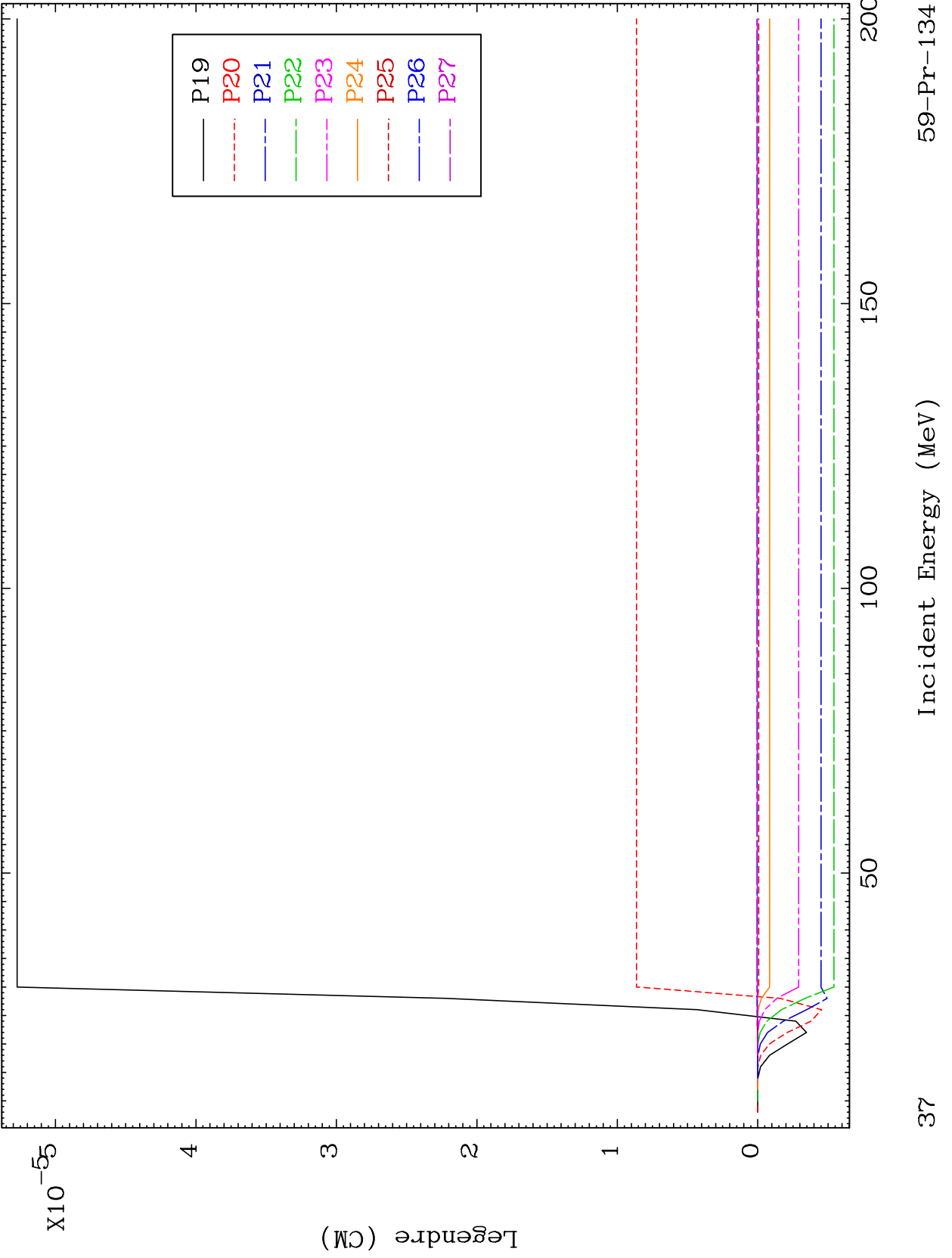
59-Pr-134

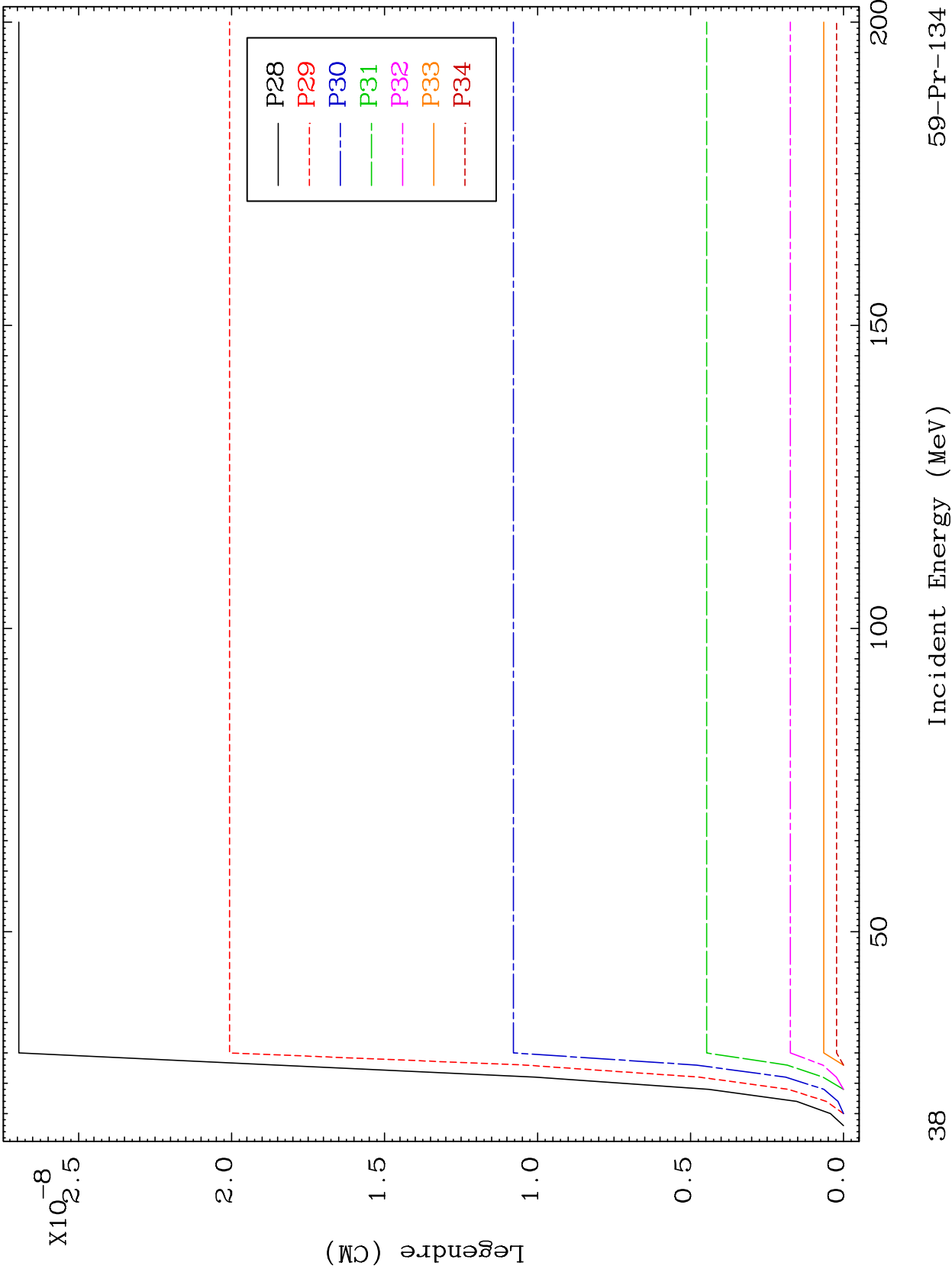


36

Incident Energy (MeV)

59-Pr-134

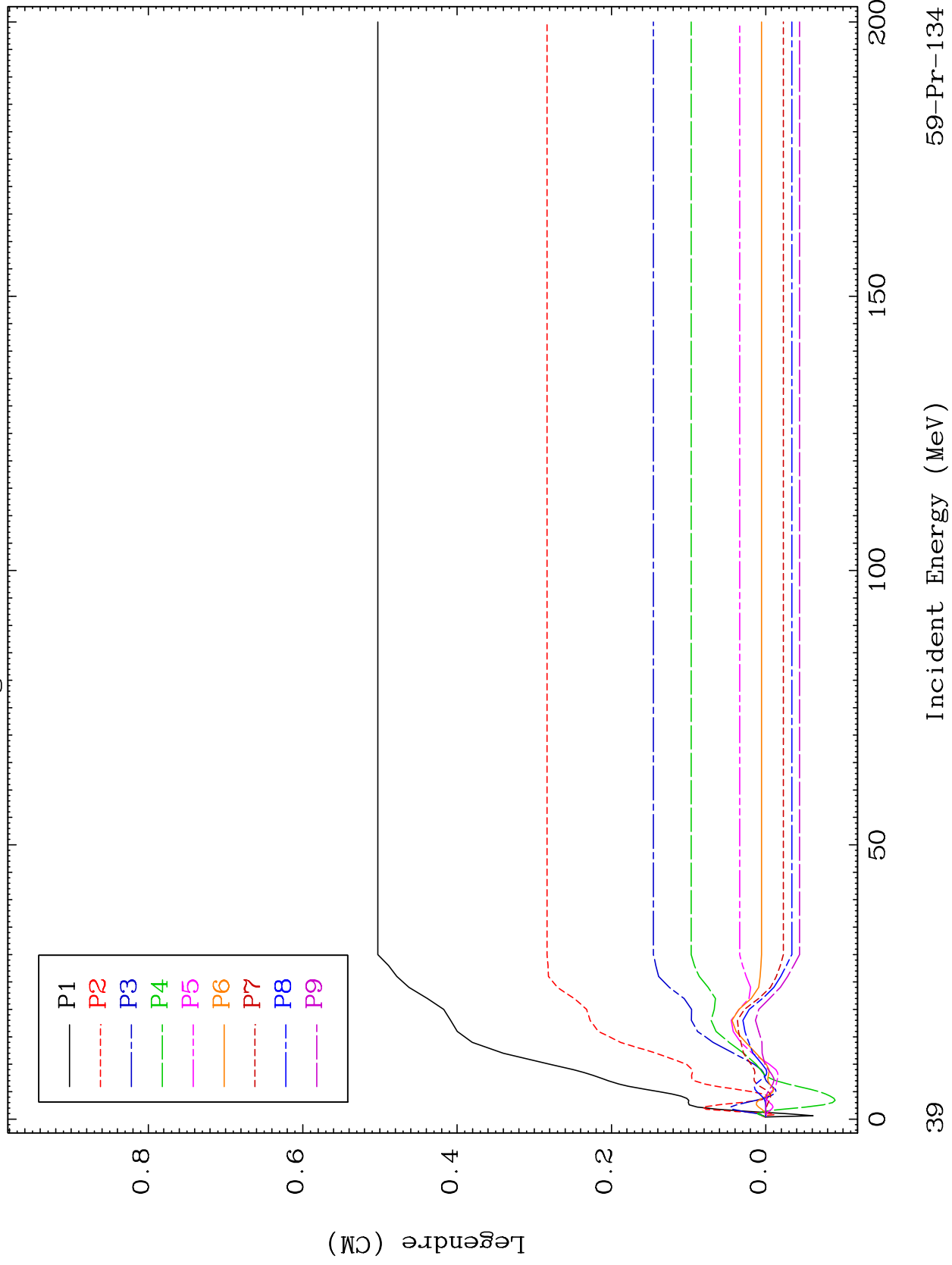




MAT 5904

303.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134



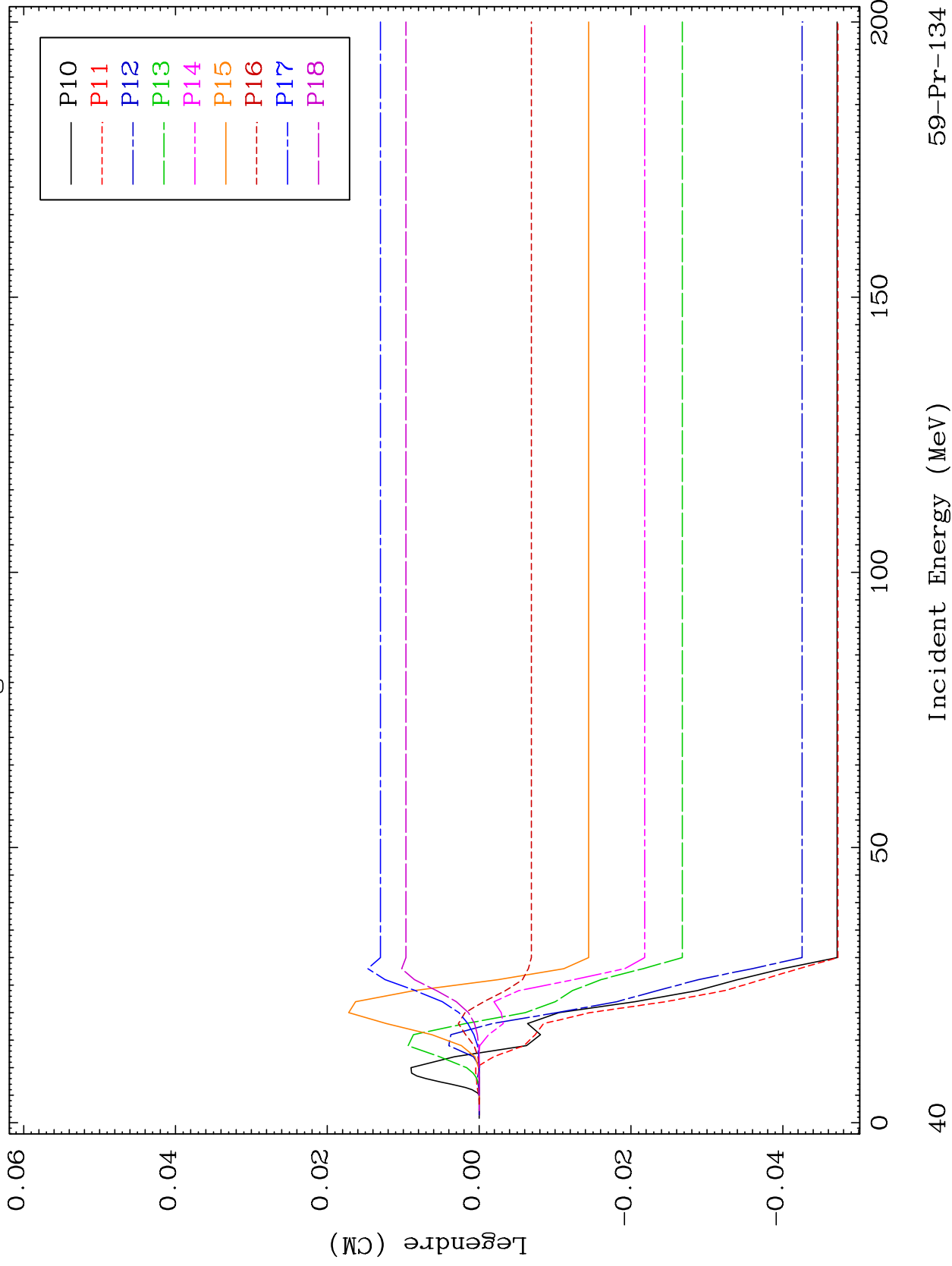
39

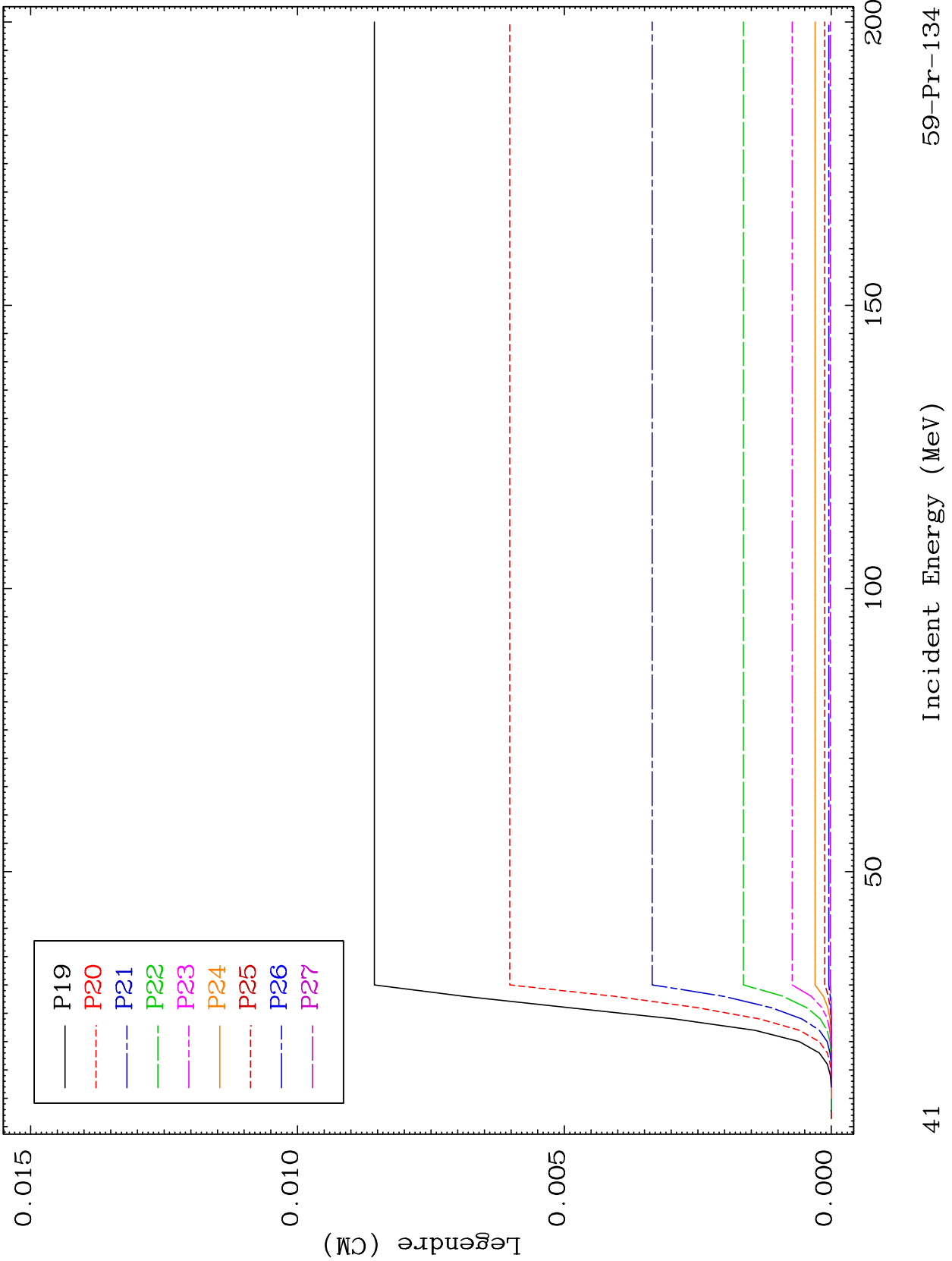
59-Pr-134

MAT 5904

303.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134

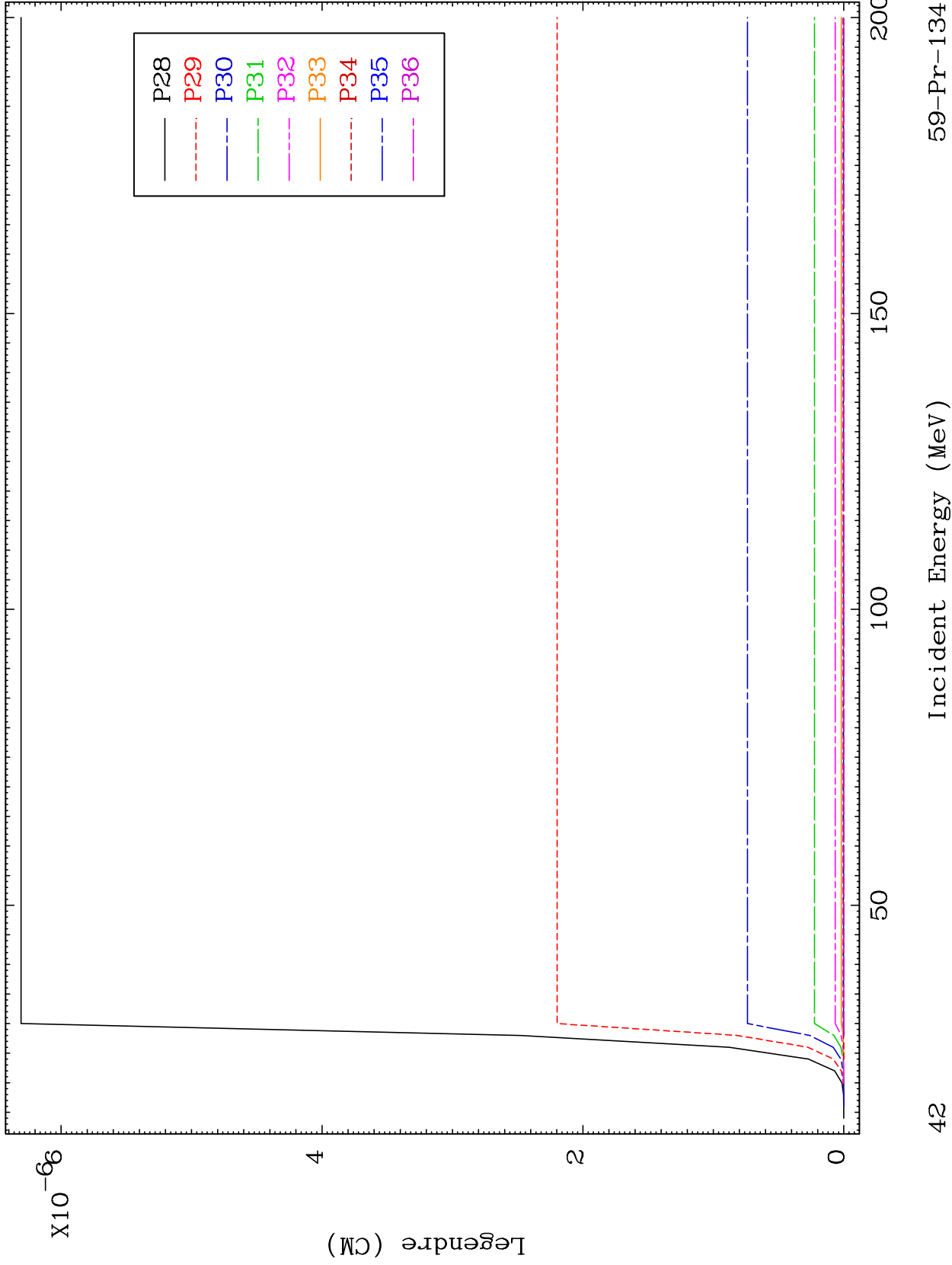




MAT 5904

303.8 keV (n, n') Level
Legendre Coefficients

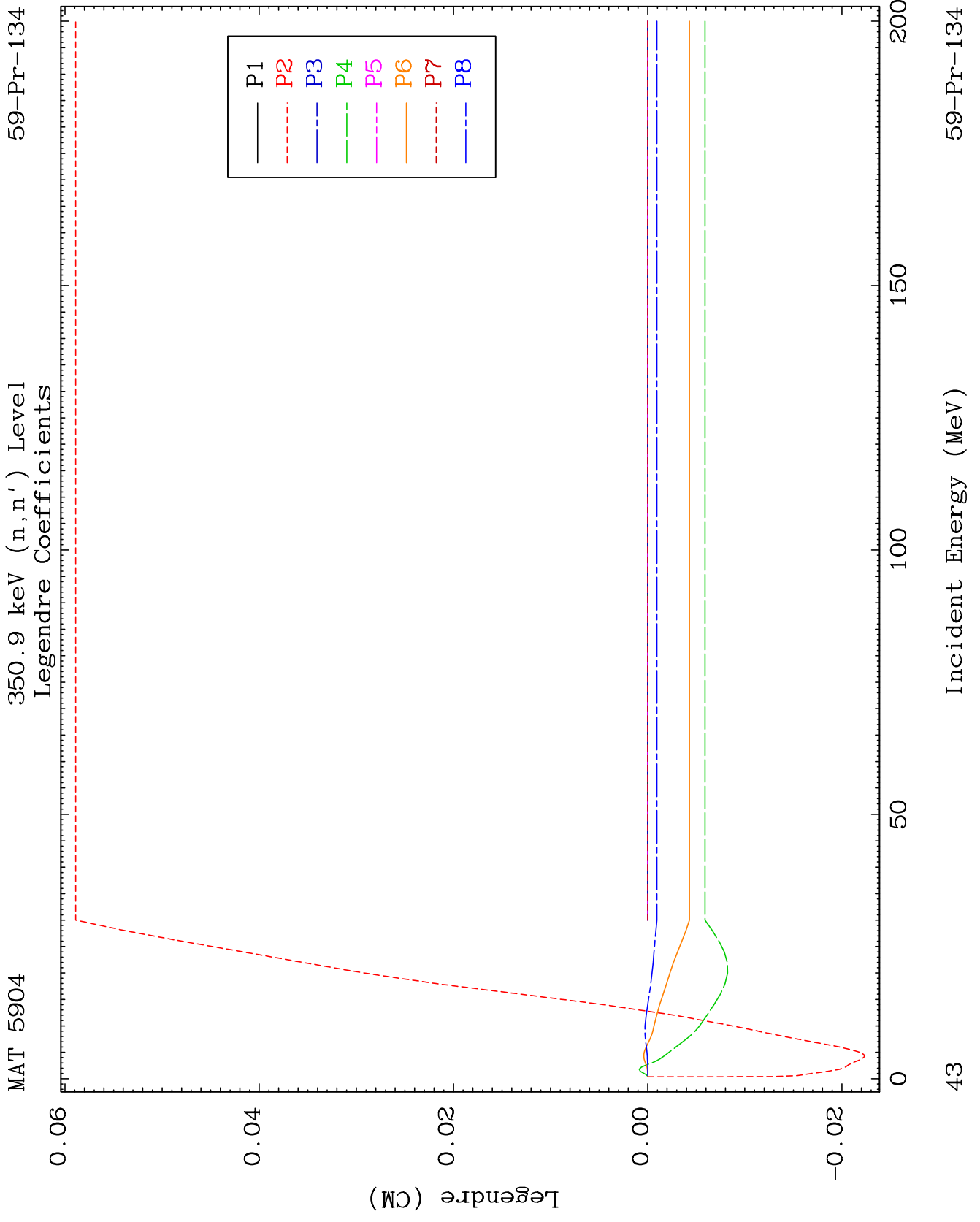
59-Pr-134



42

Incident Energy (MeV)

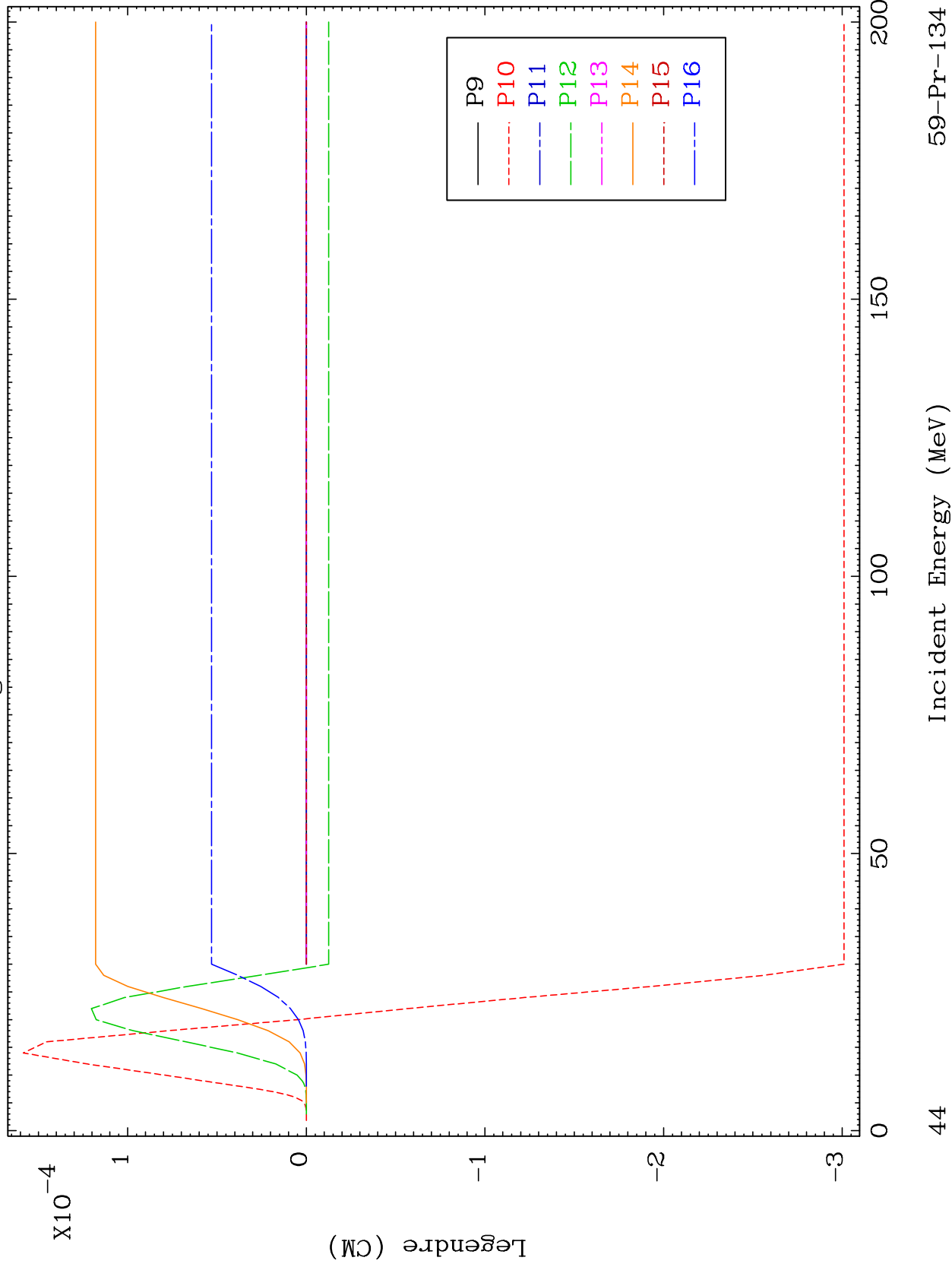
59-Pr-134



MAT 5904

350.9 keV (n,n') Level
Legendre Coefficients

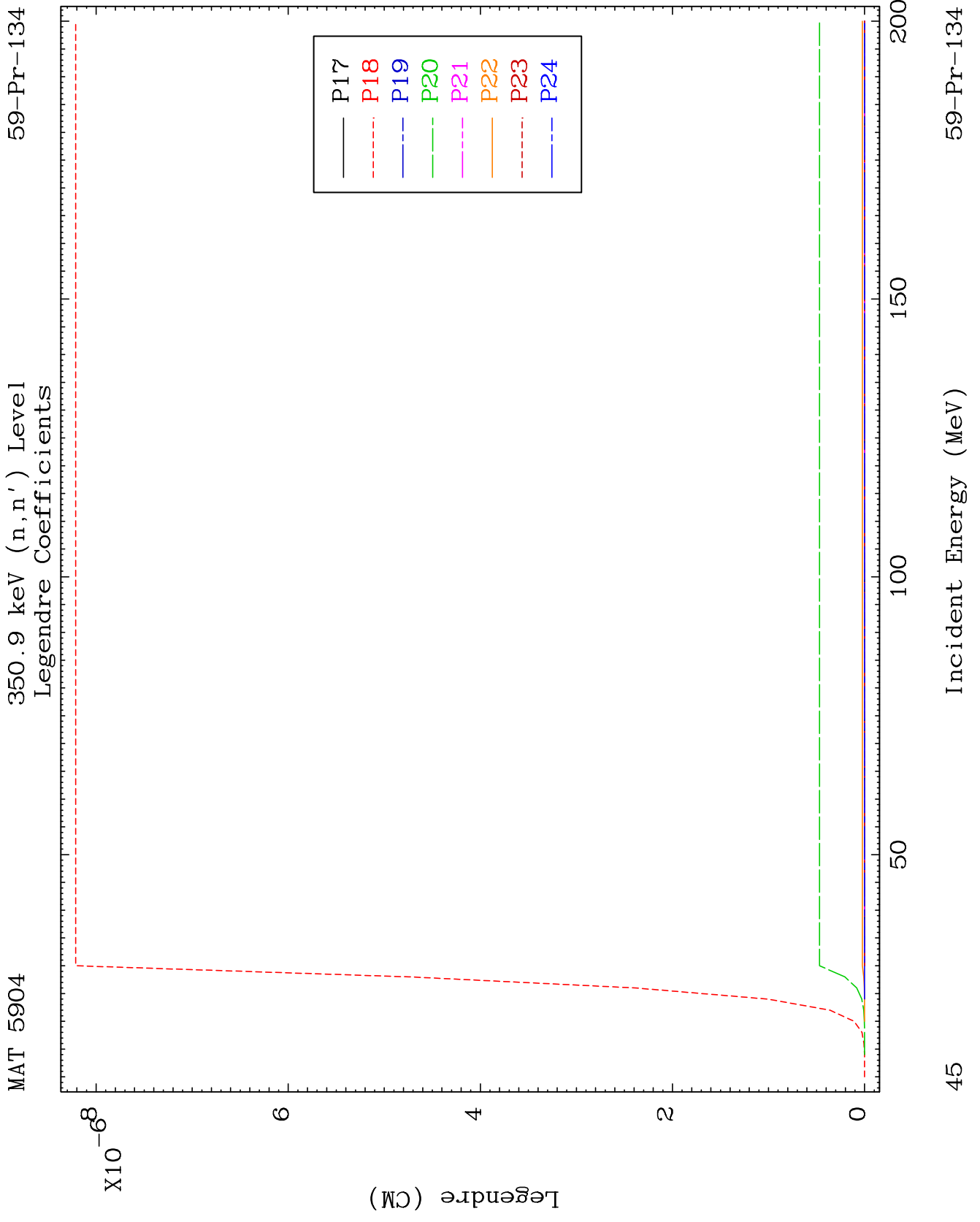
59-Pr-134



59-Pr-134

Incident Energy (MeV)

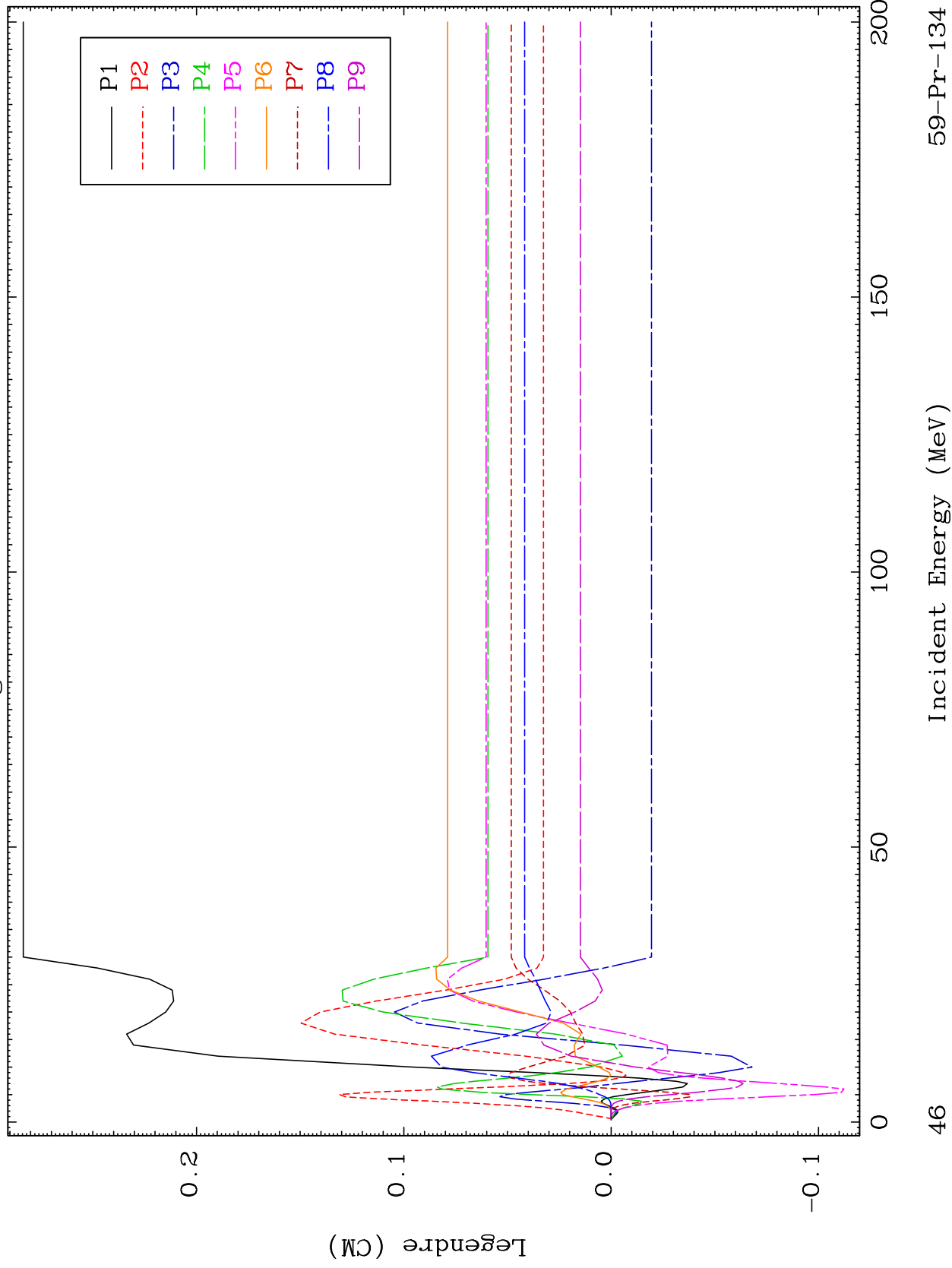
44



MAT 5904

364.4 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

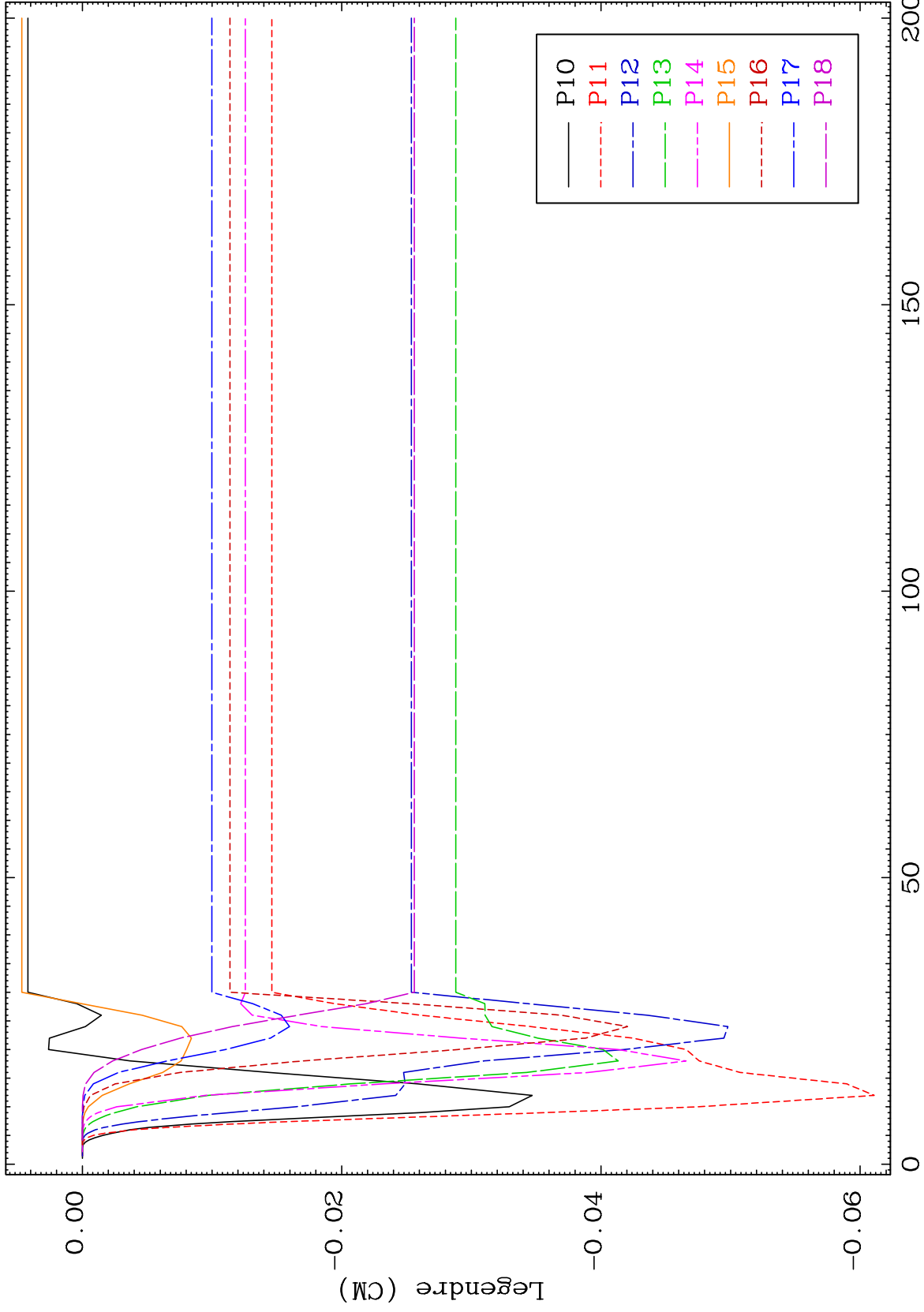
Incident Energy (MeV)

46

MAT 5904

364.4 keV (n,n') Level
Legendre Coefficients

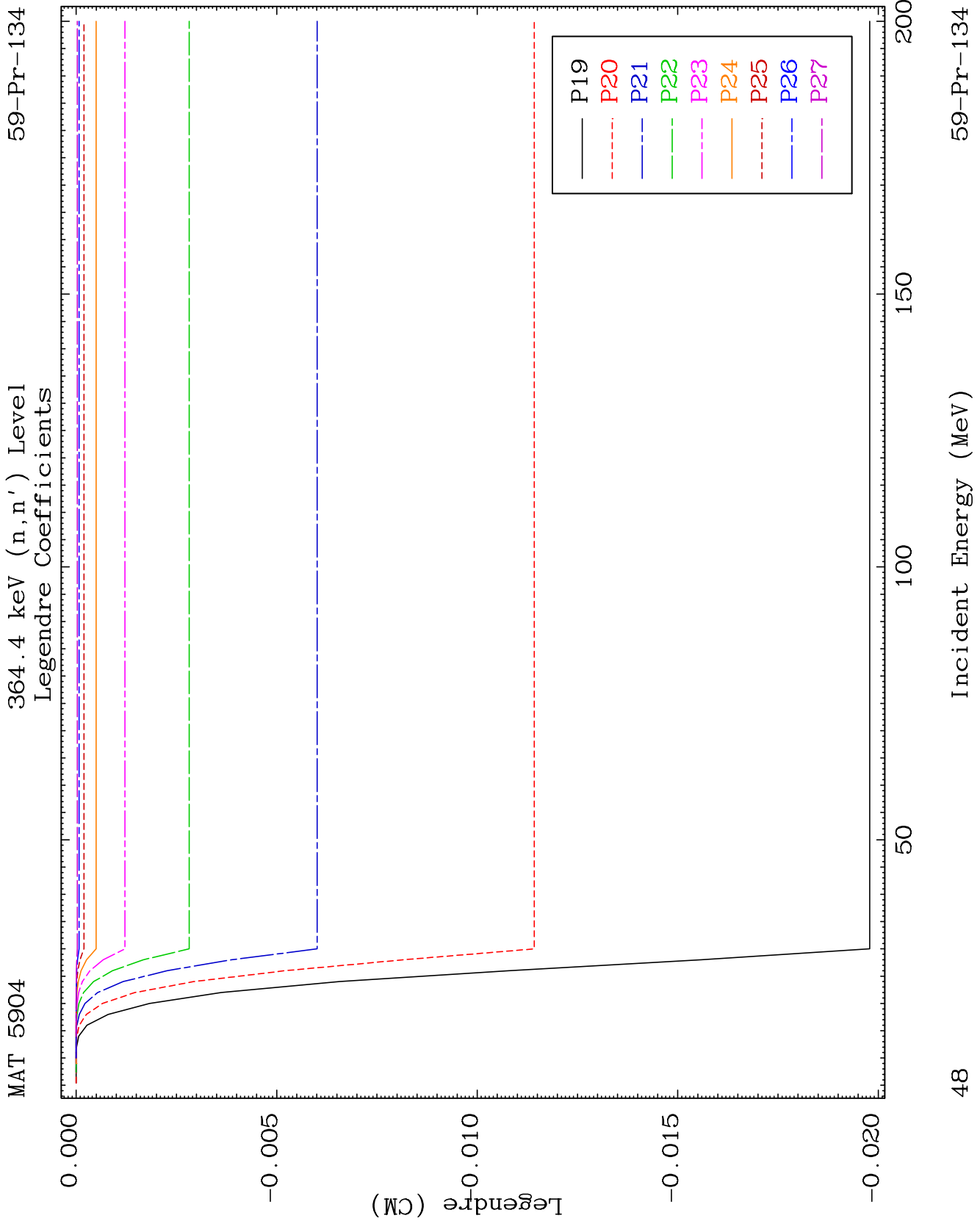
59-Pr-134

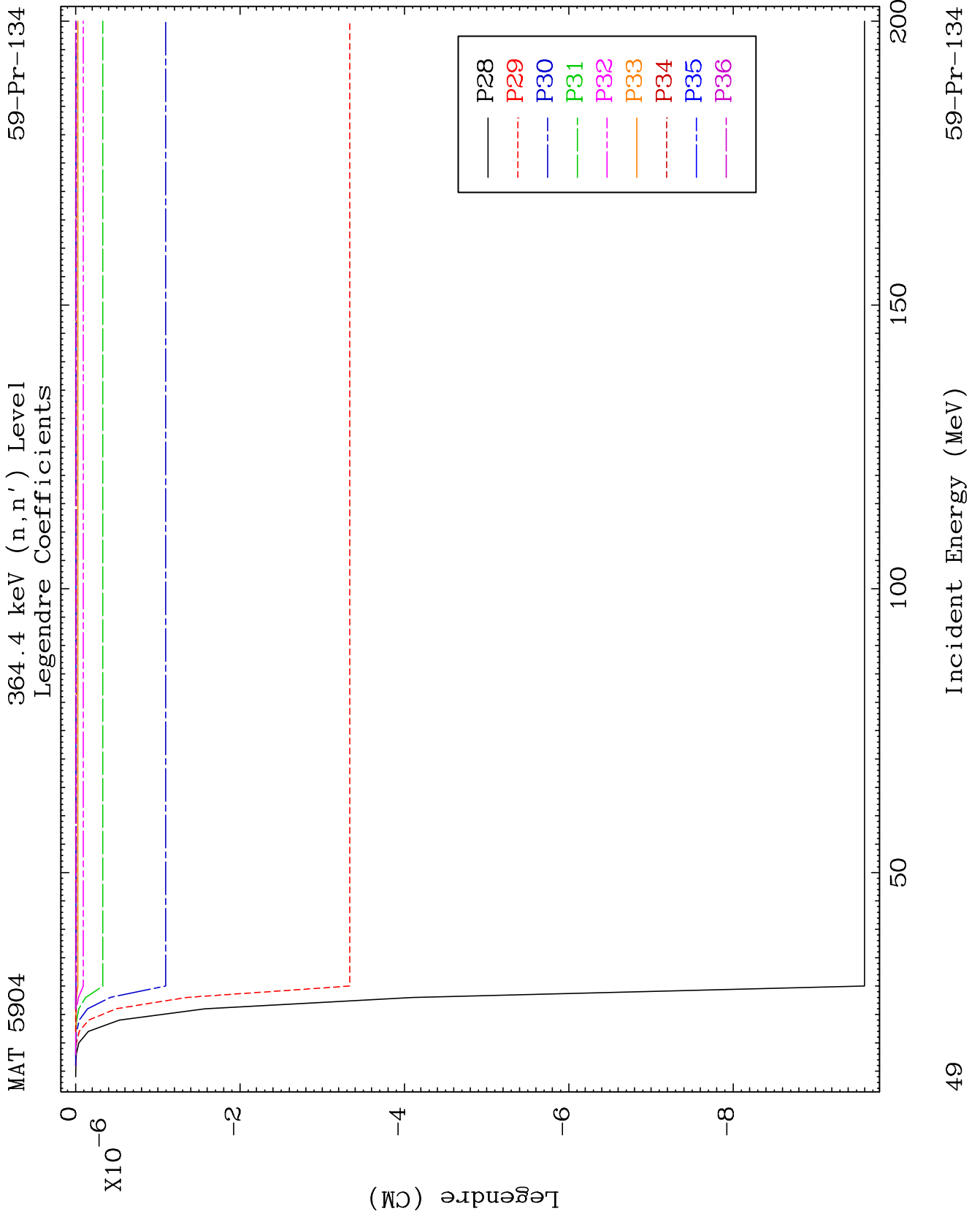


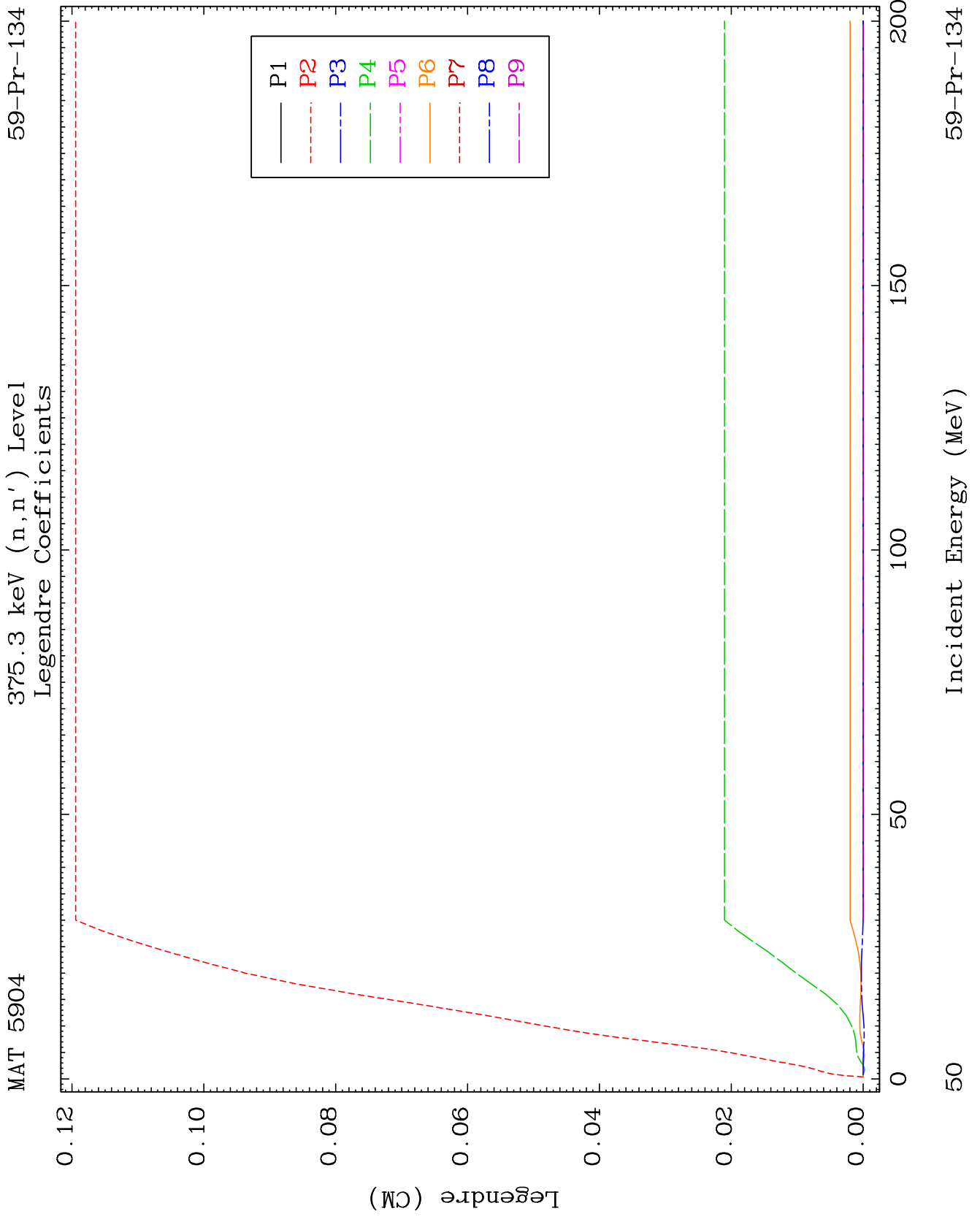
47

Incident Energy (MeV)

59-Pr-134



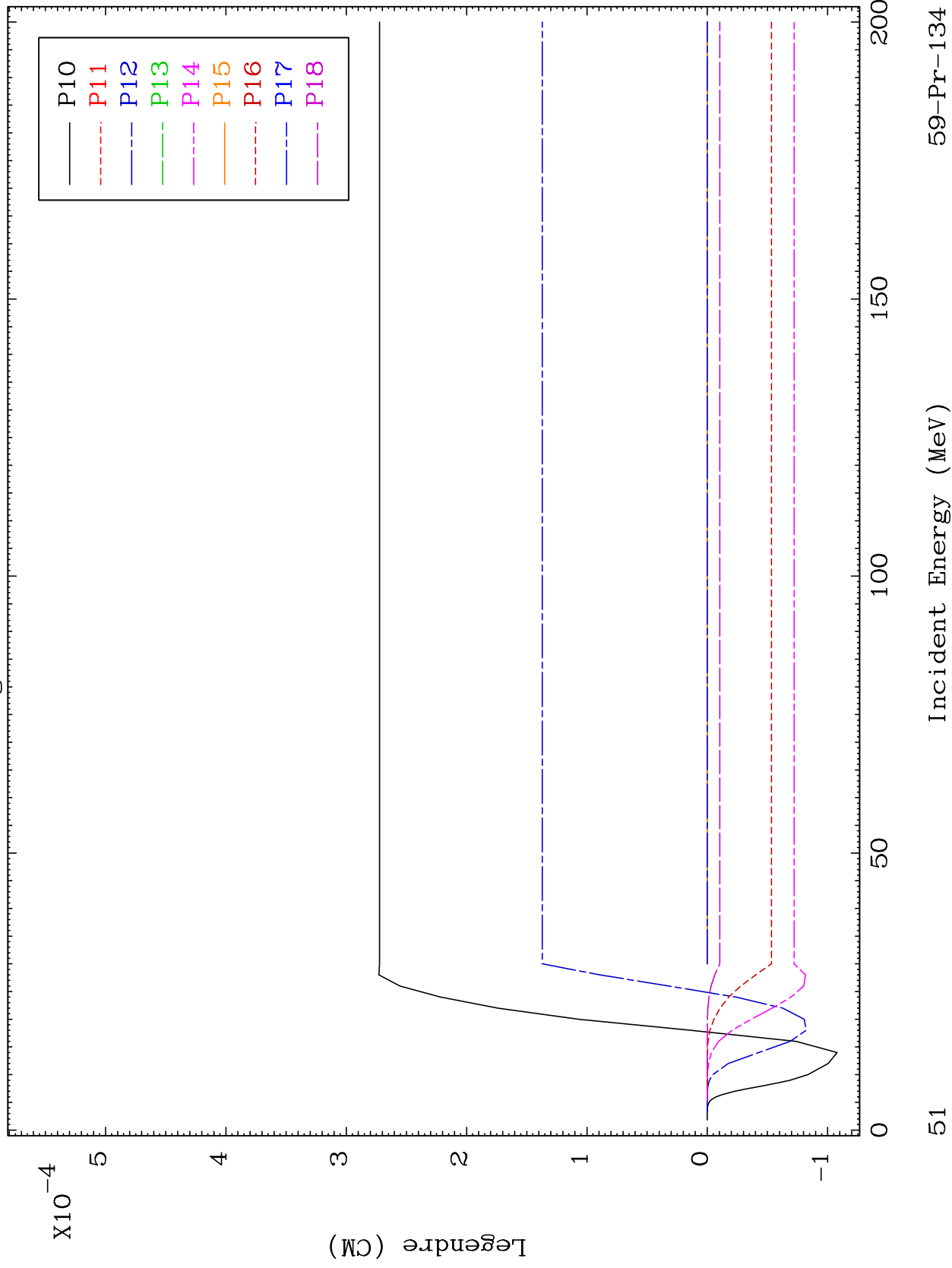




MAT 5904

375.3 keV (n,n') Level
Legendre Coefficients

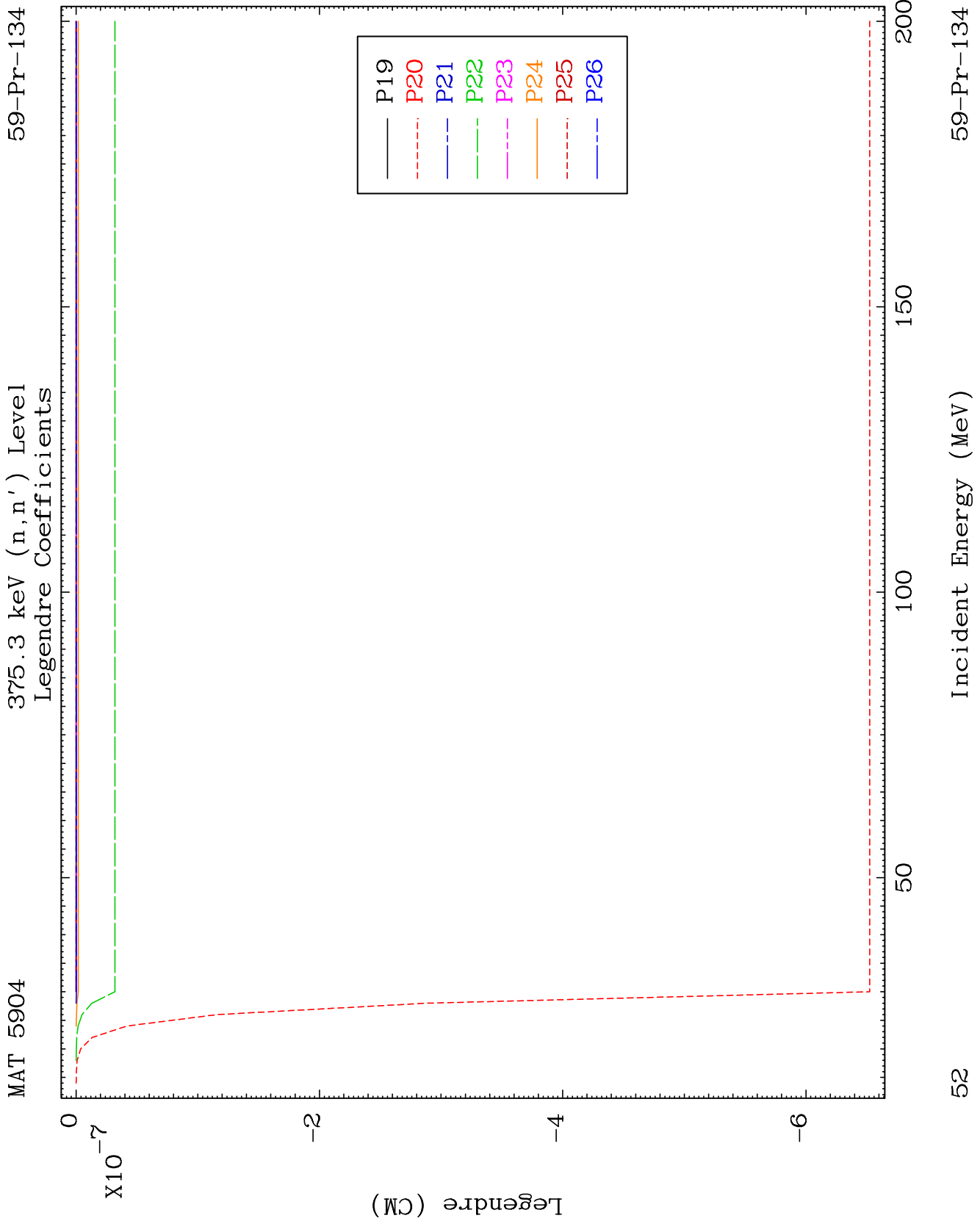
59-Pr-134

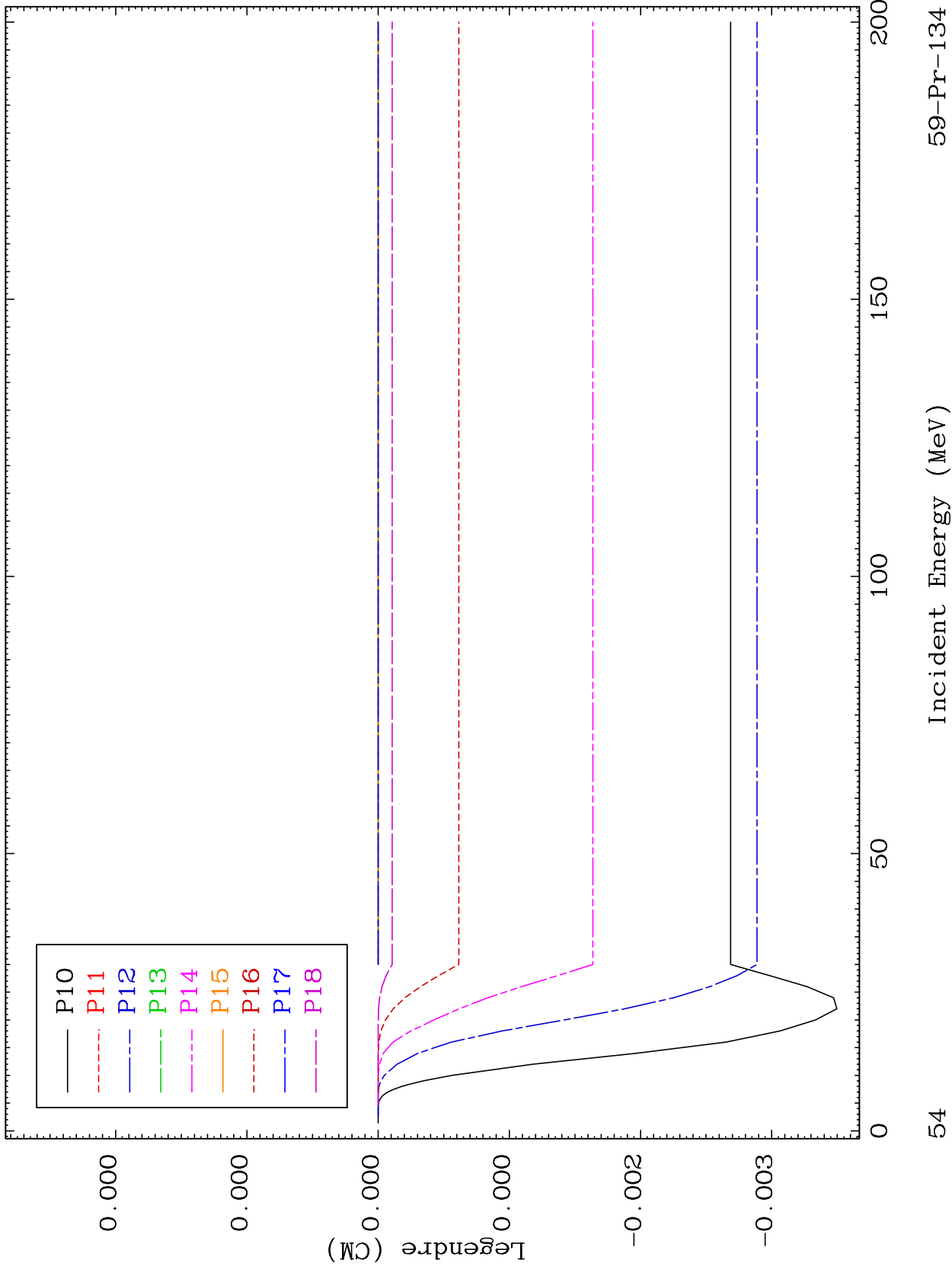


59-Pr-134

Incident Energy (MeV)

51

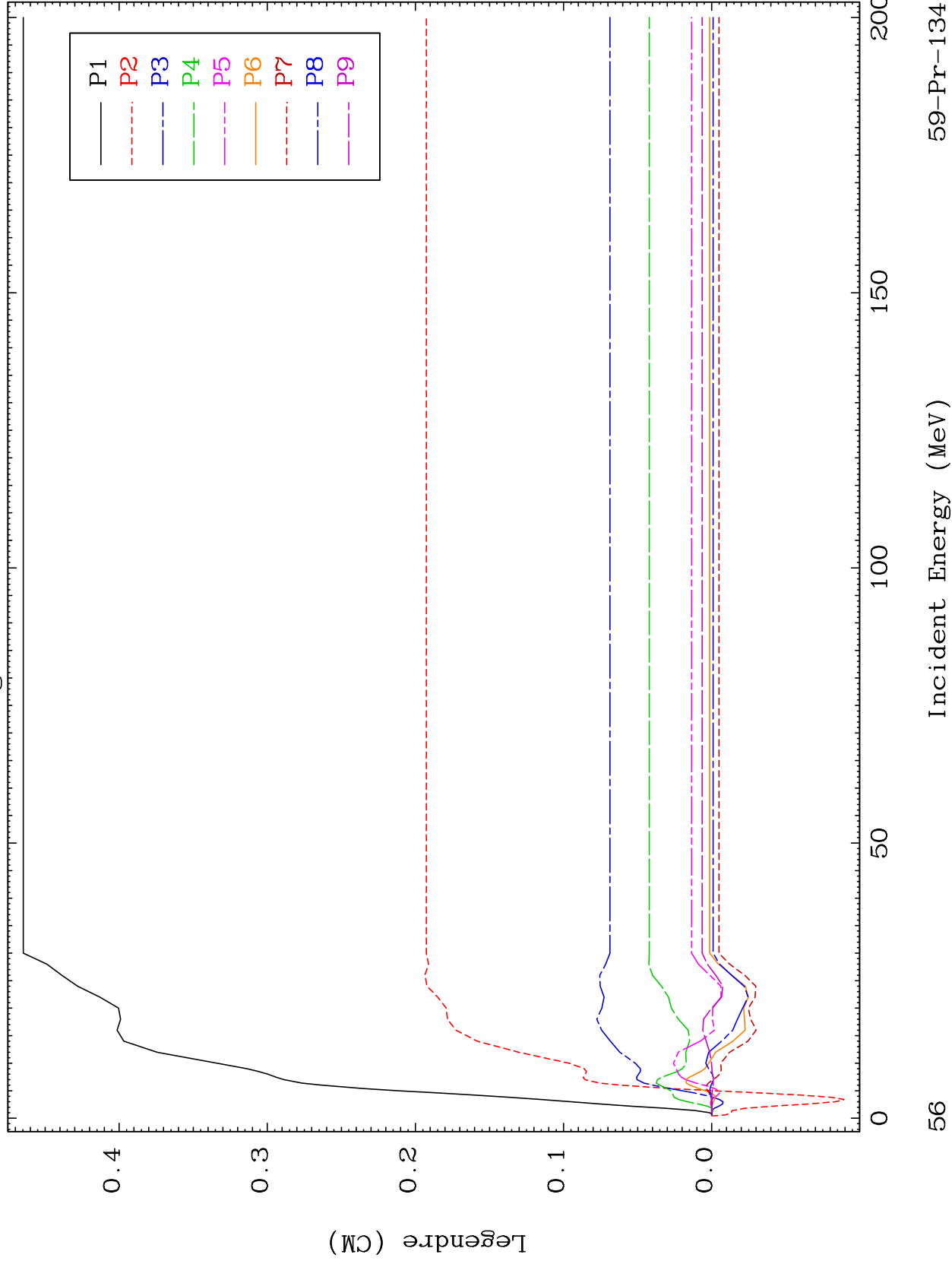




MAT 5904

403.3 keV (n,n') Level
Legendre Coefficients

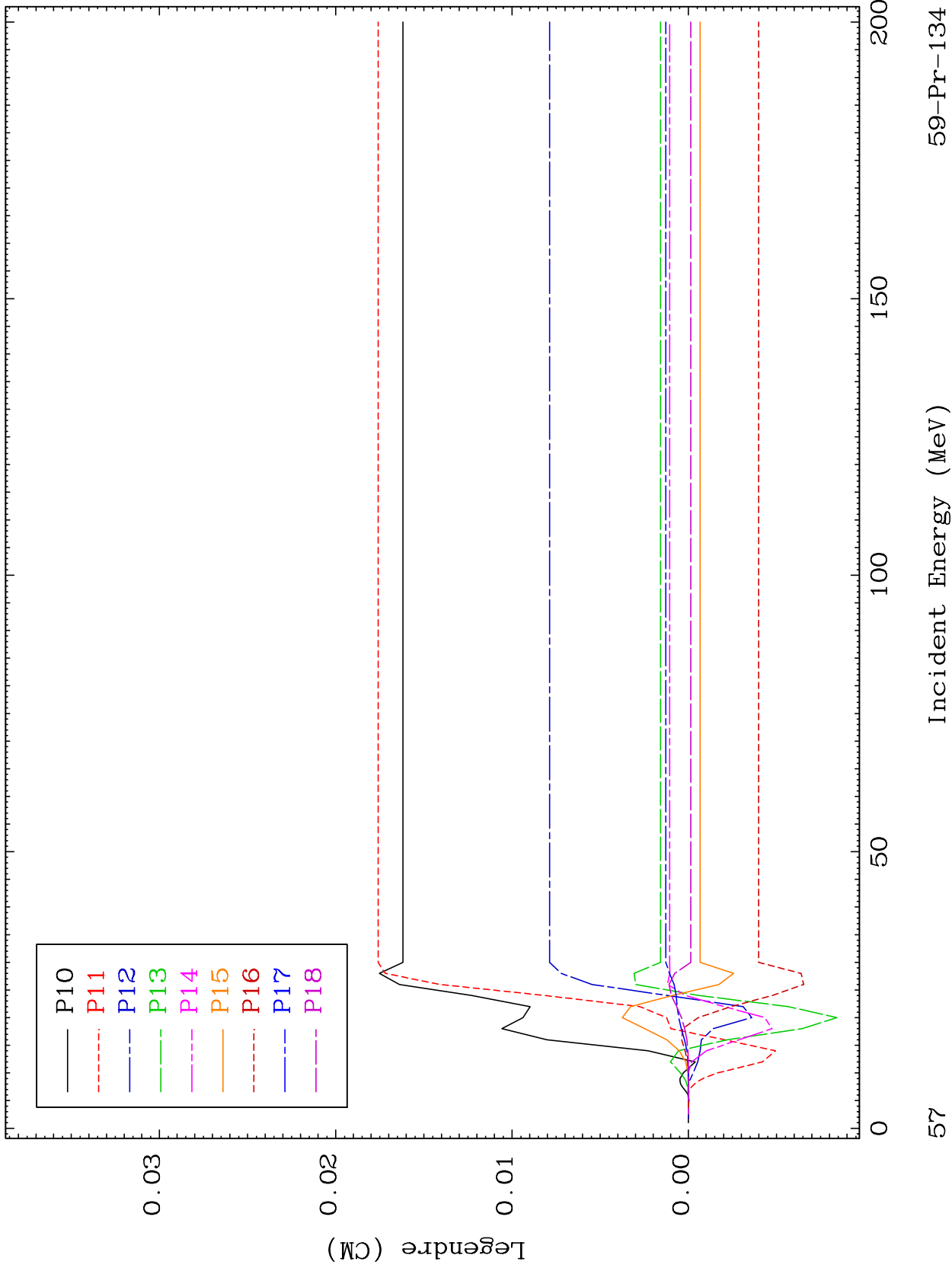
59-Pr-134



59-Pr-134

Incident Energy (MeV)

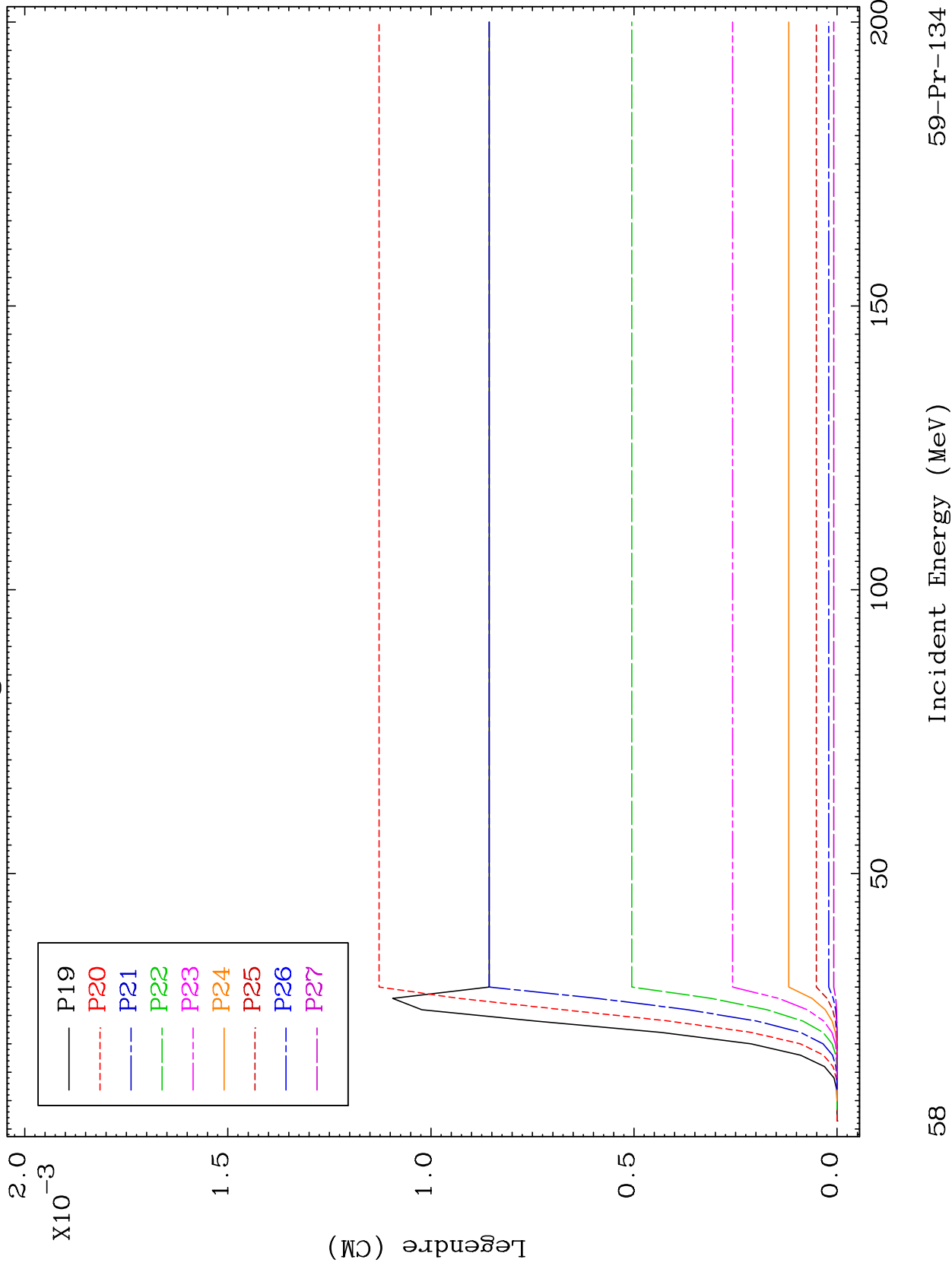
56



MAT 5904

403.3 keV (n,n') Level
Legendre Coefficients

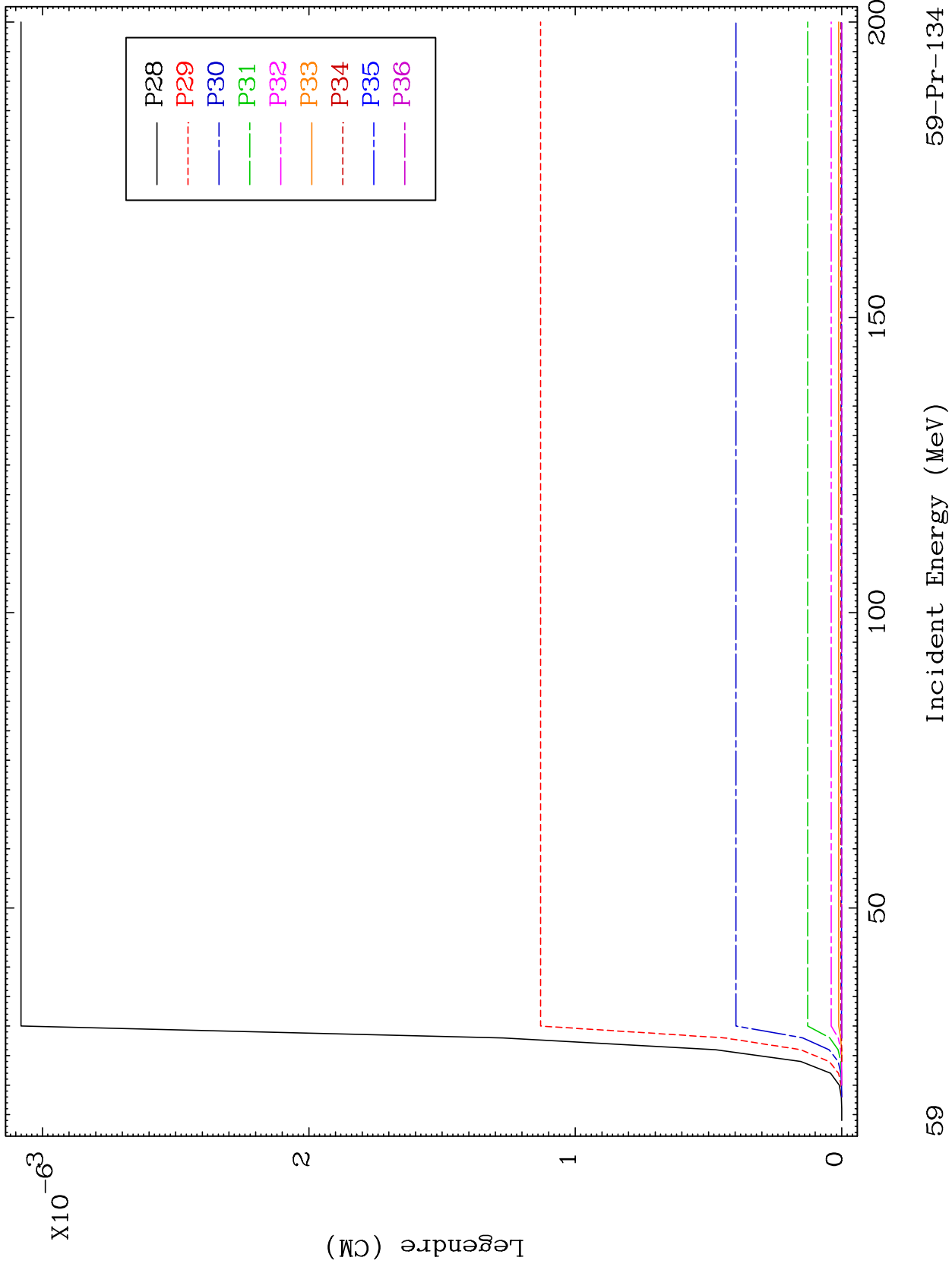
59-Pr-134



MAT 5904

403.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134



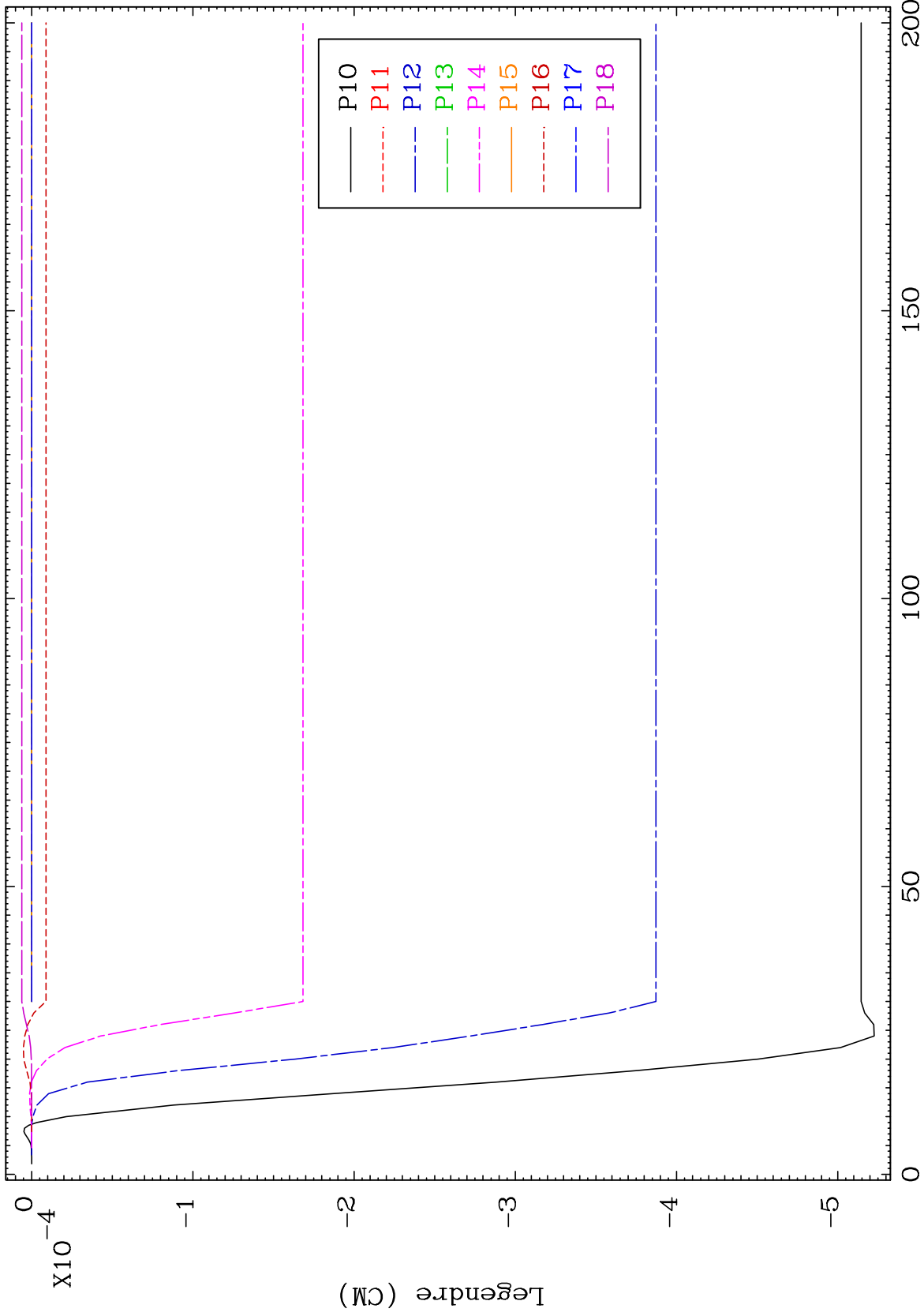
59

59-Pr-134

MAT 5904

417.7 keV (n, n') Level
Legendre Coefficients

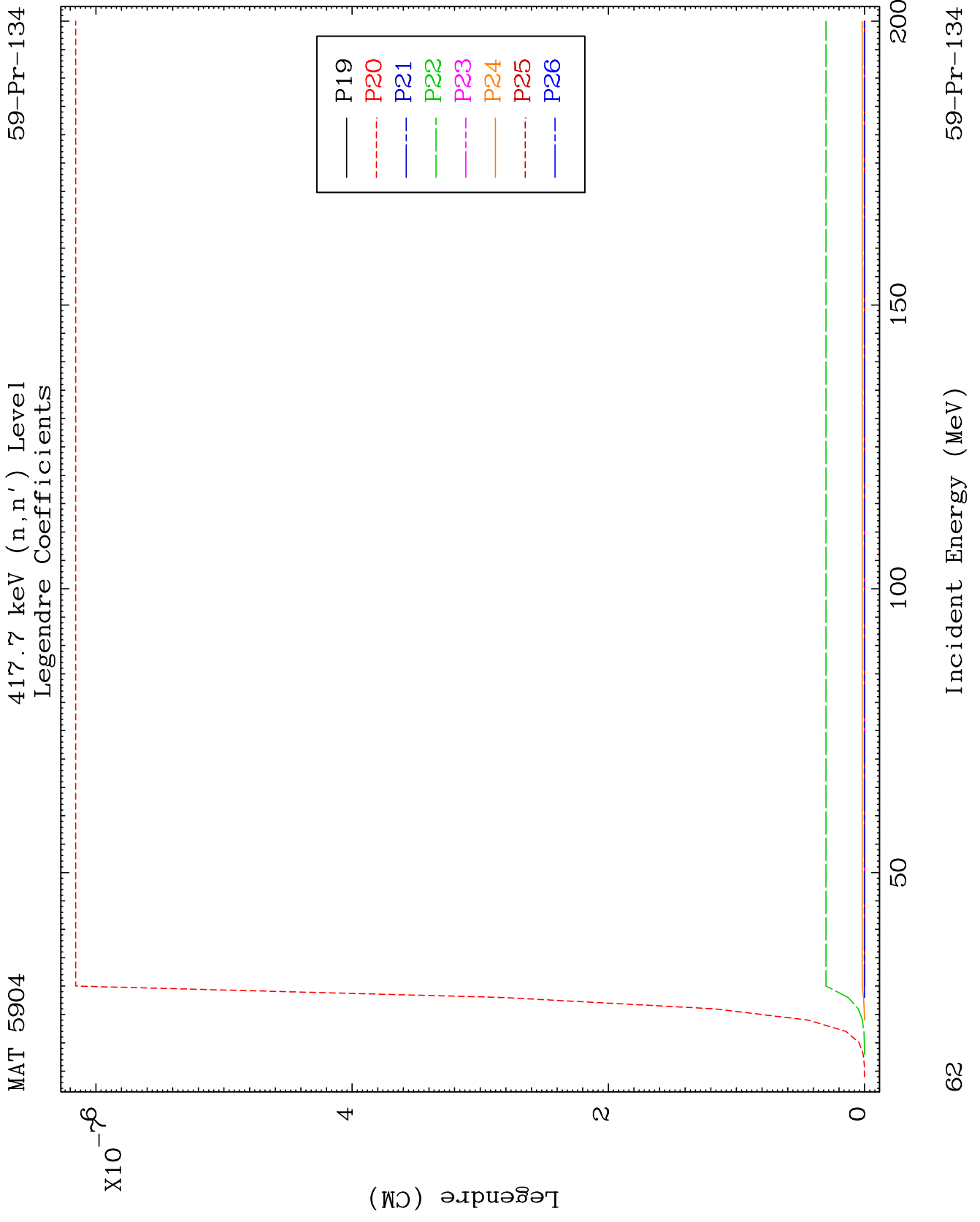
59-Pr-134

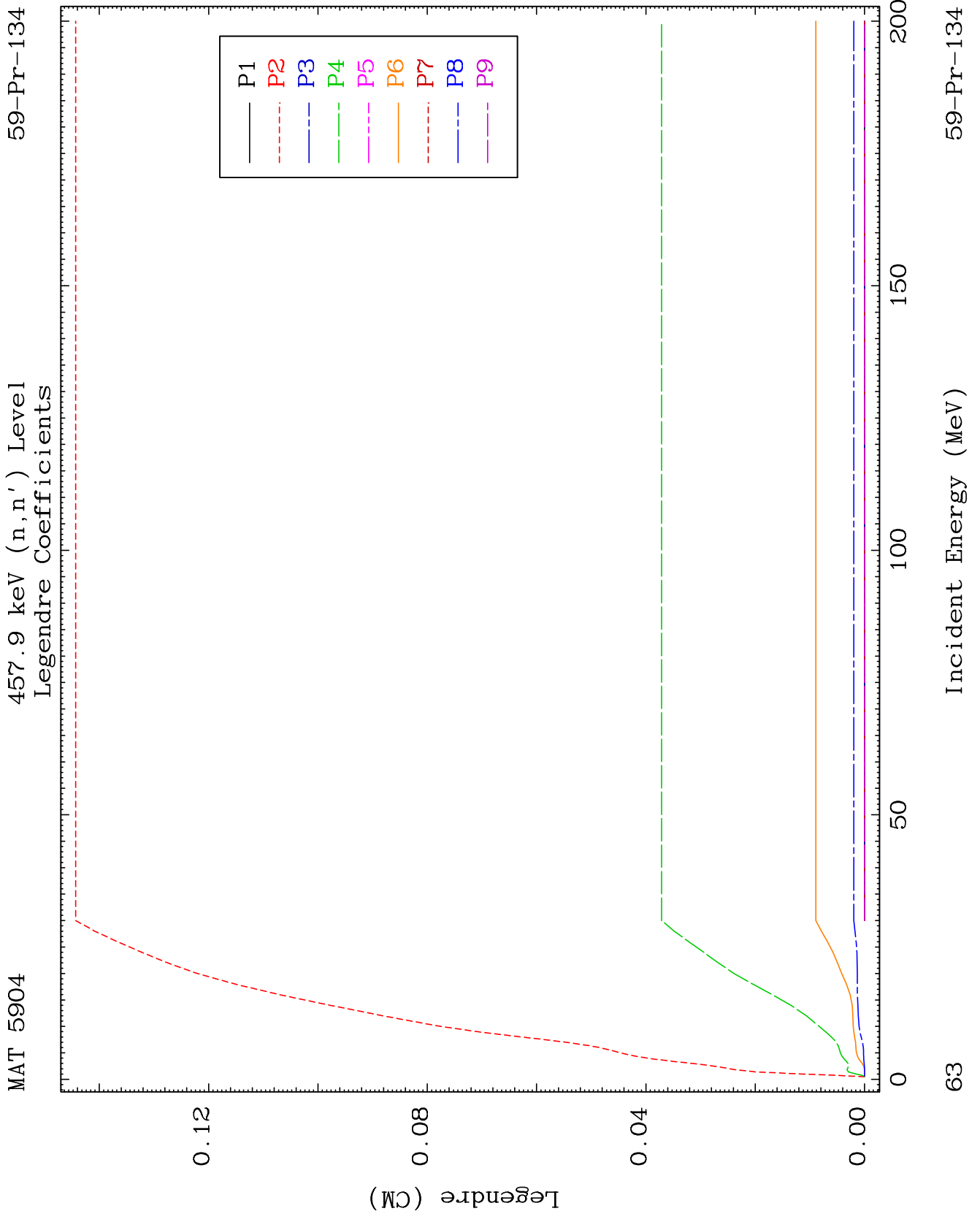


61

Incident Energy (MeV)

59-Pr-134

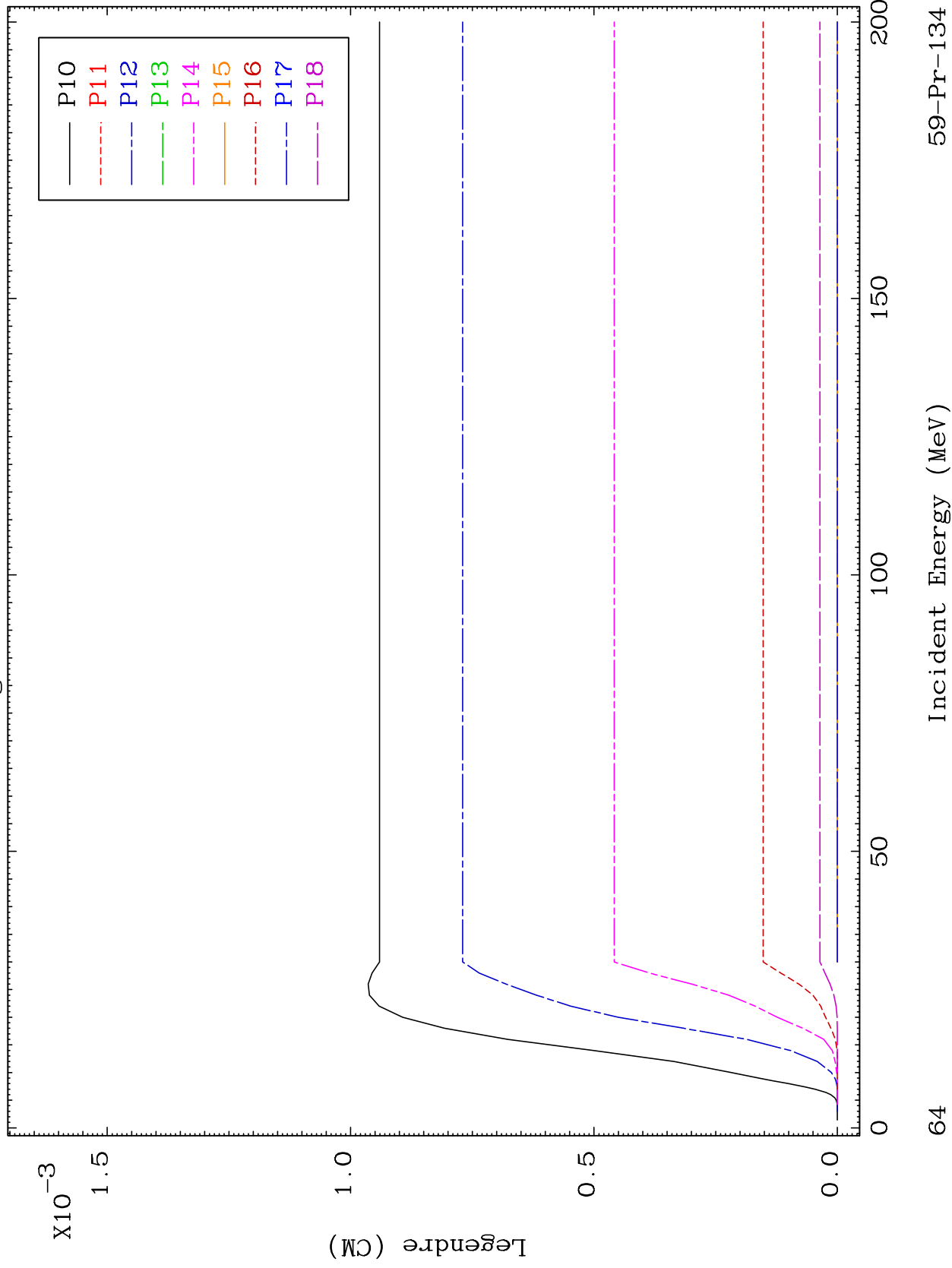


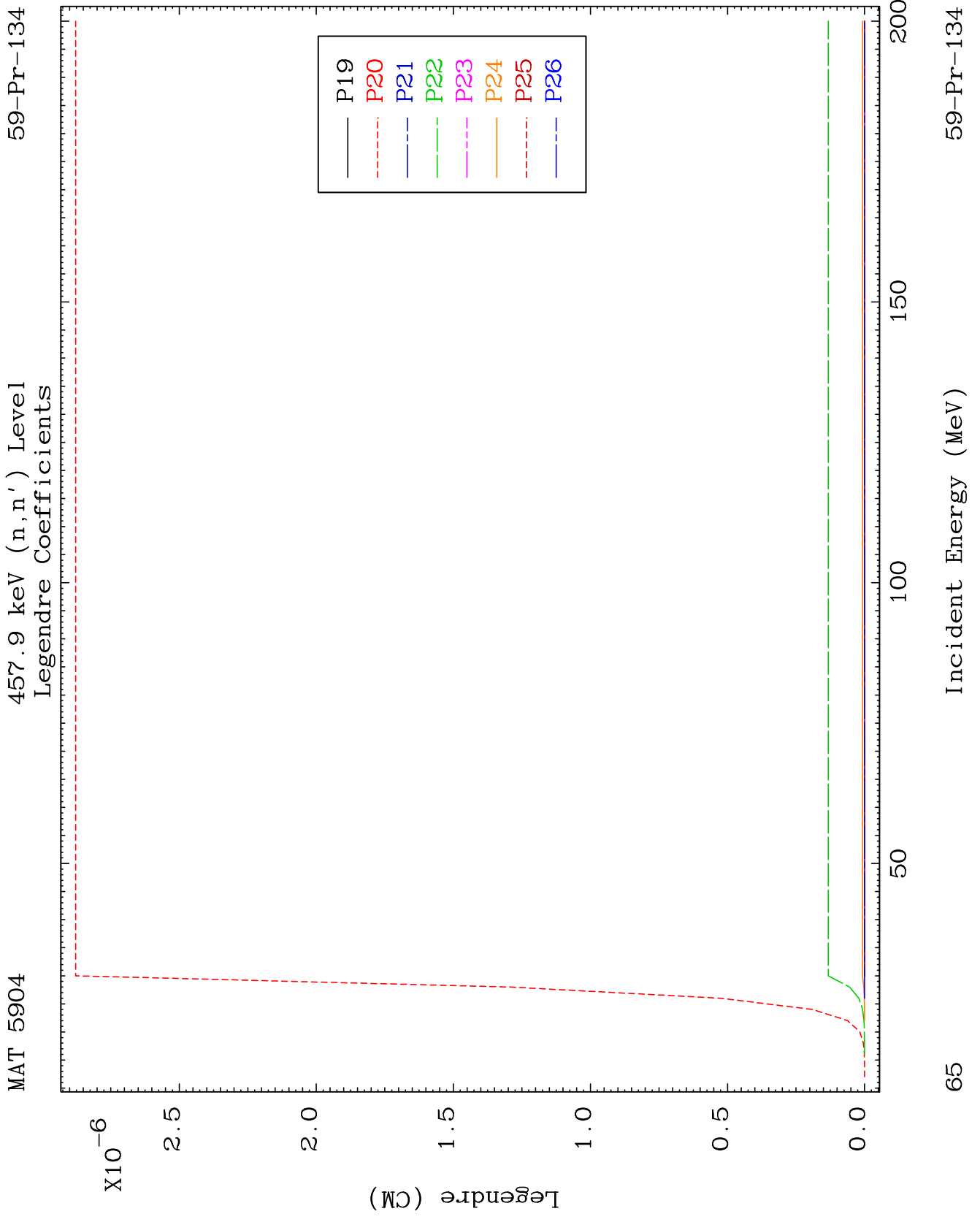


MAT 5904

457.9 keV (n,n') Level
Legendre Coefficients

59-Pr-134

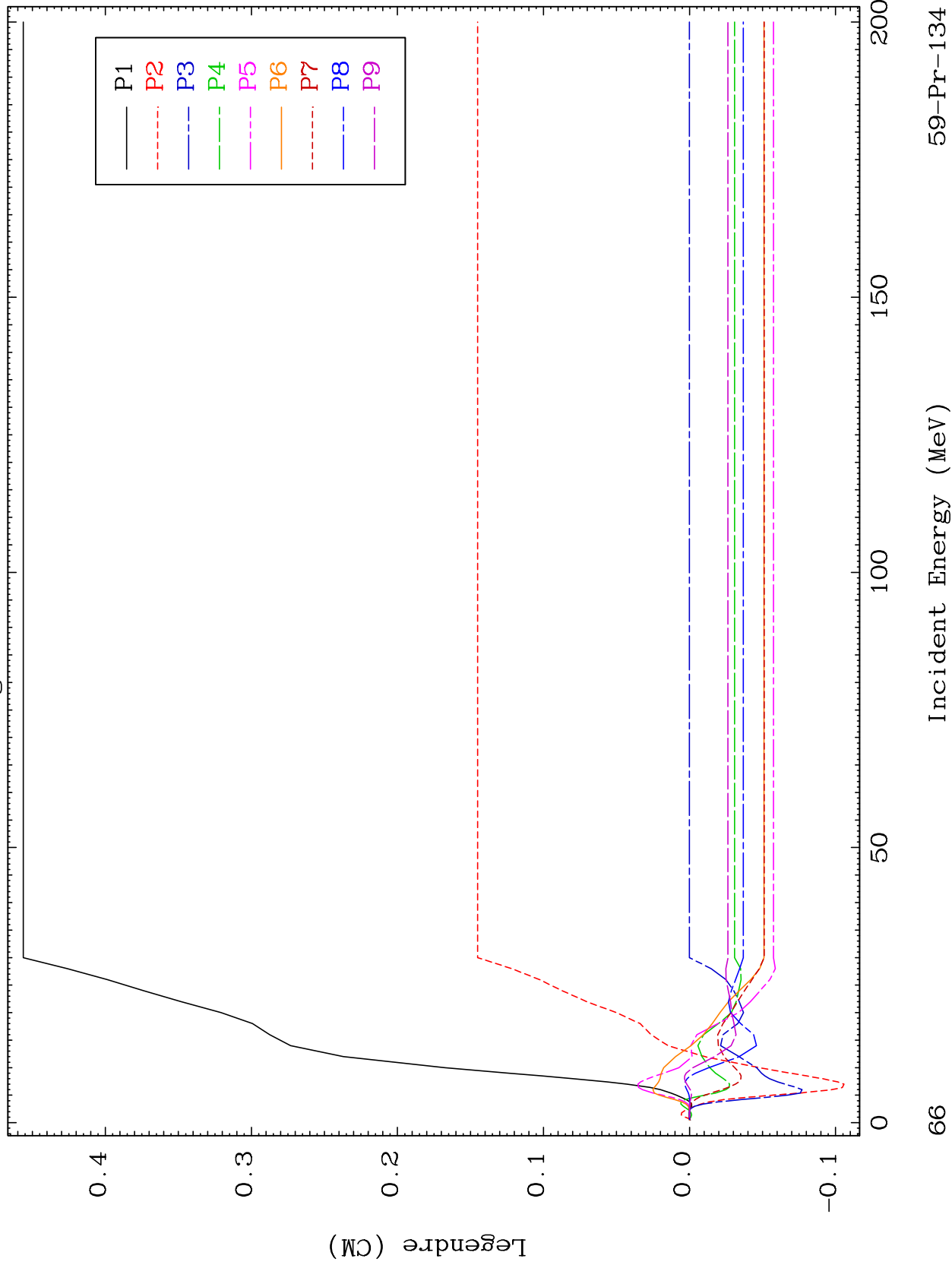




MAT 5904

472.1 keV (n,n') Level
Legendre Coefficients

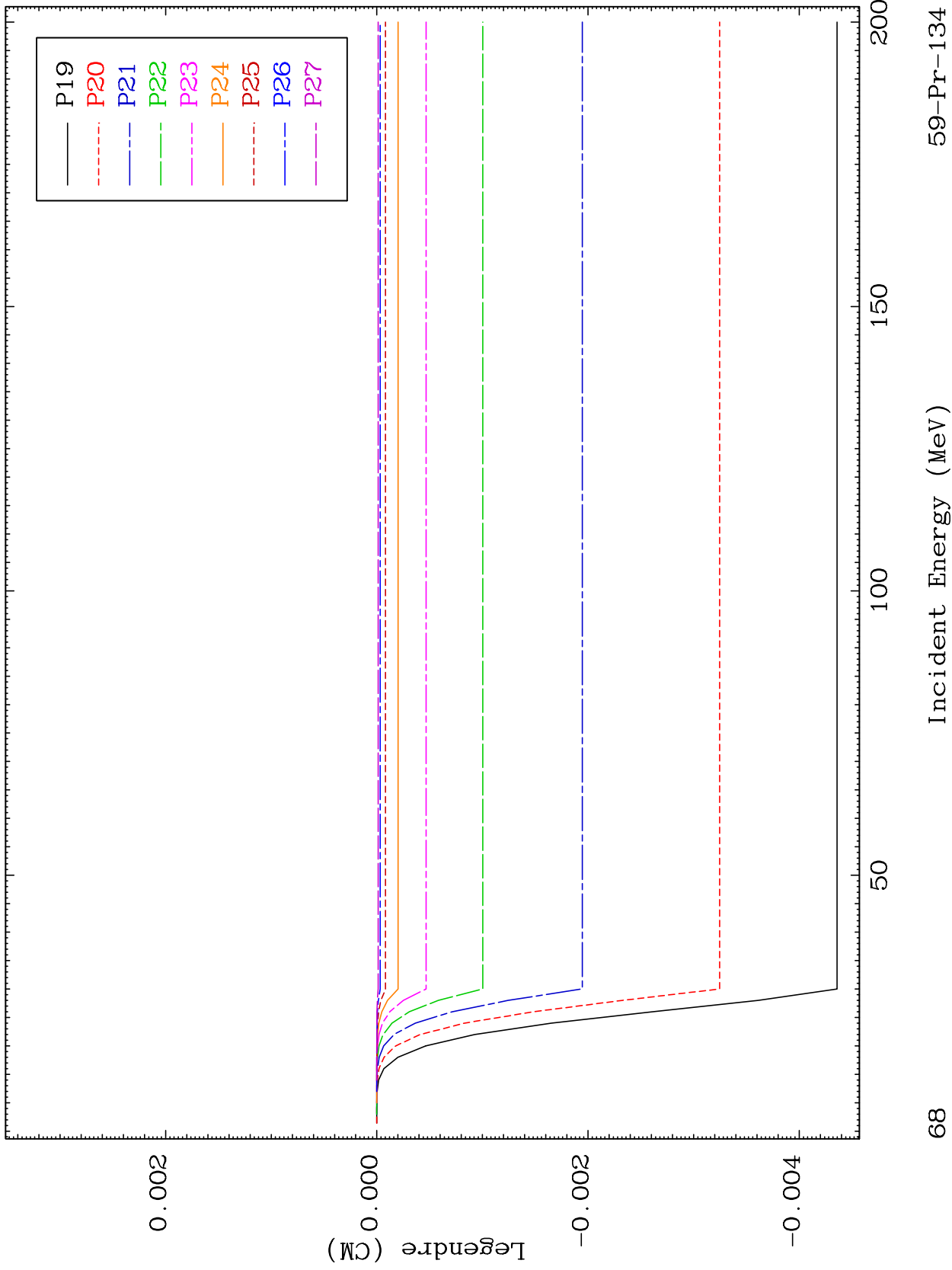
59-Pr-134

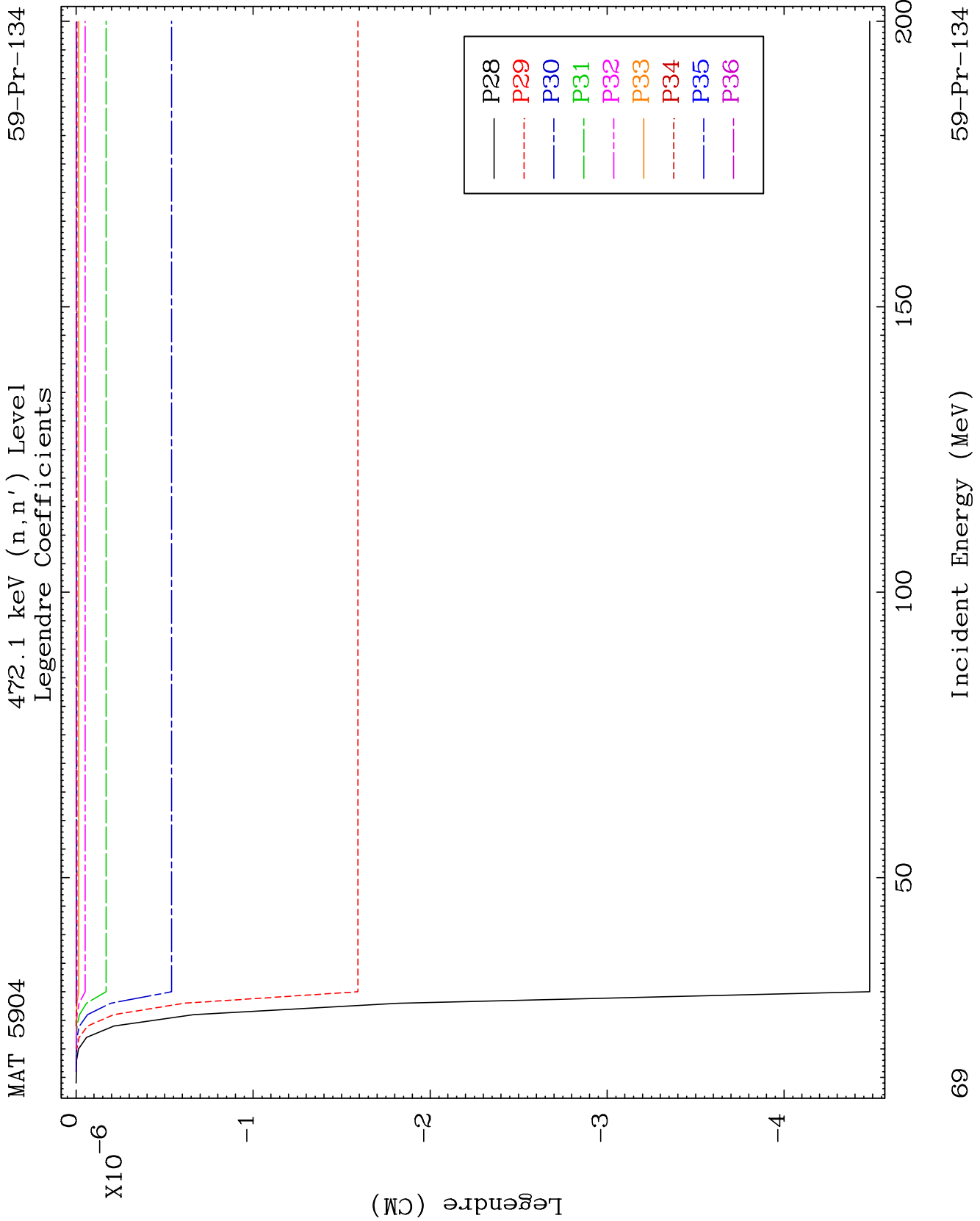


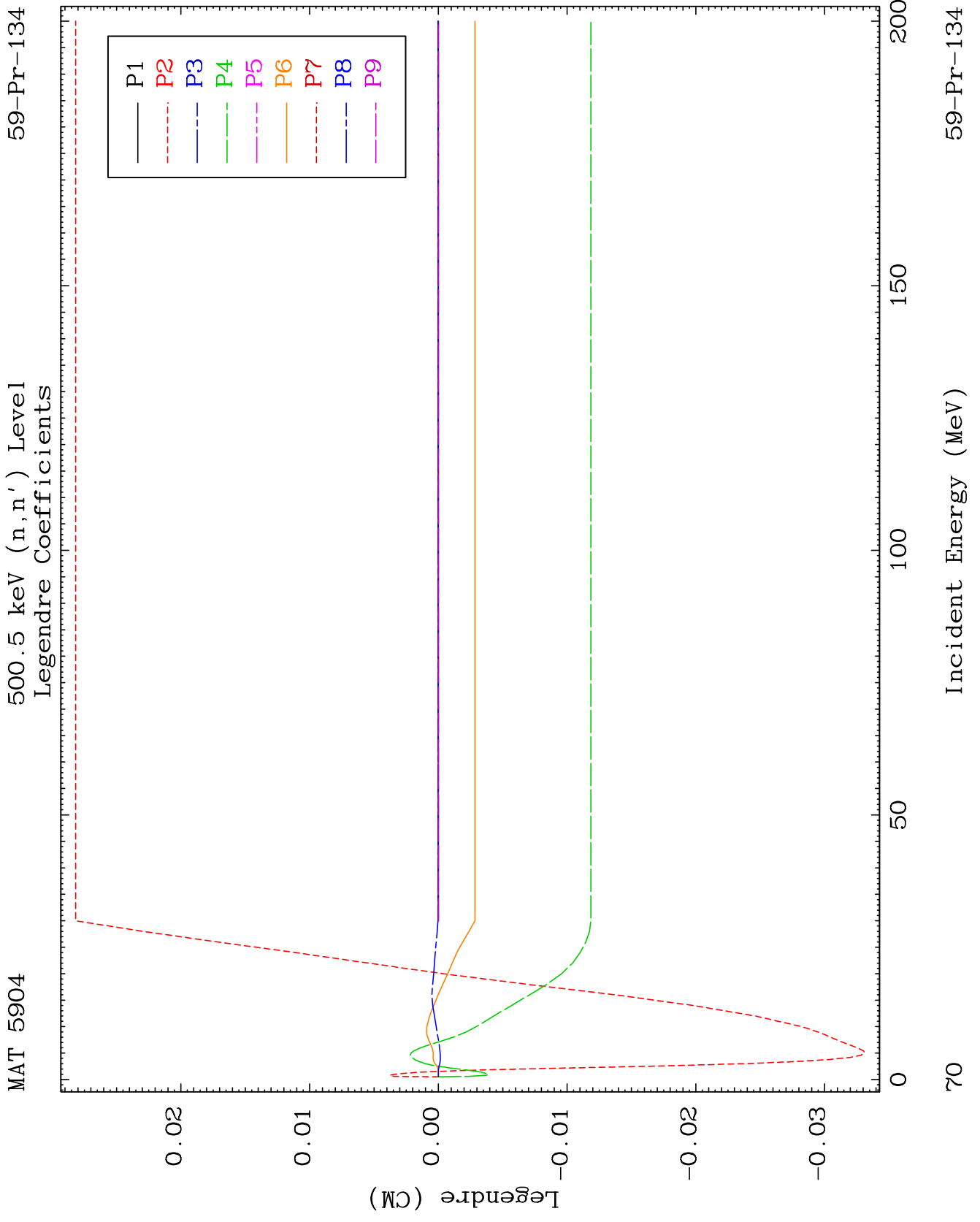
59-Pr-134

Incident Energy (MeV)

66



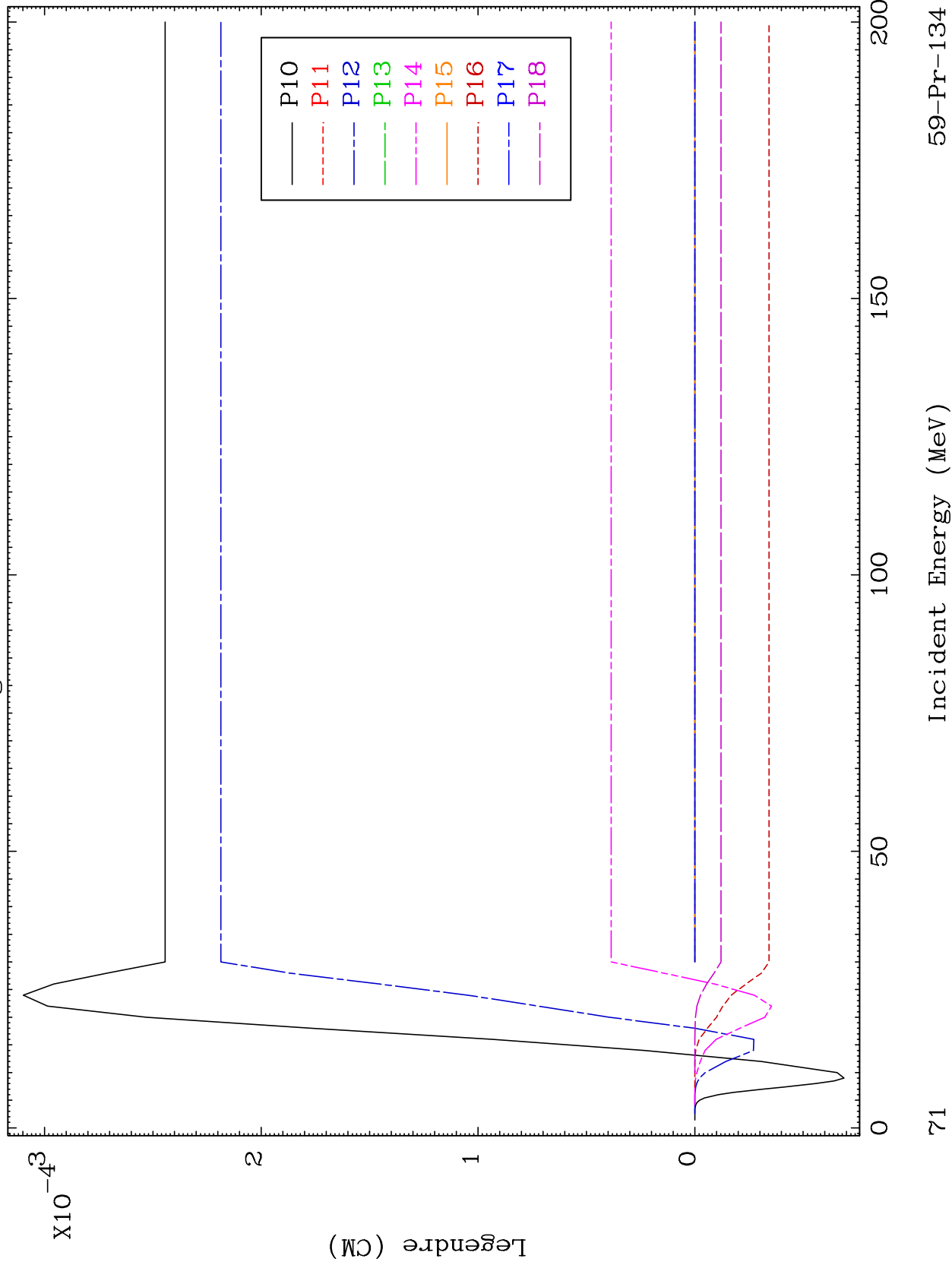




MAT 5904

500.5 keV (n,n') Level
Legendre Coefficients

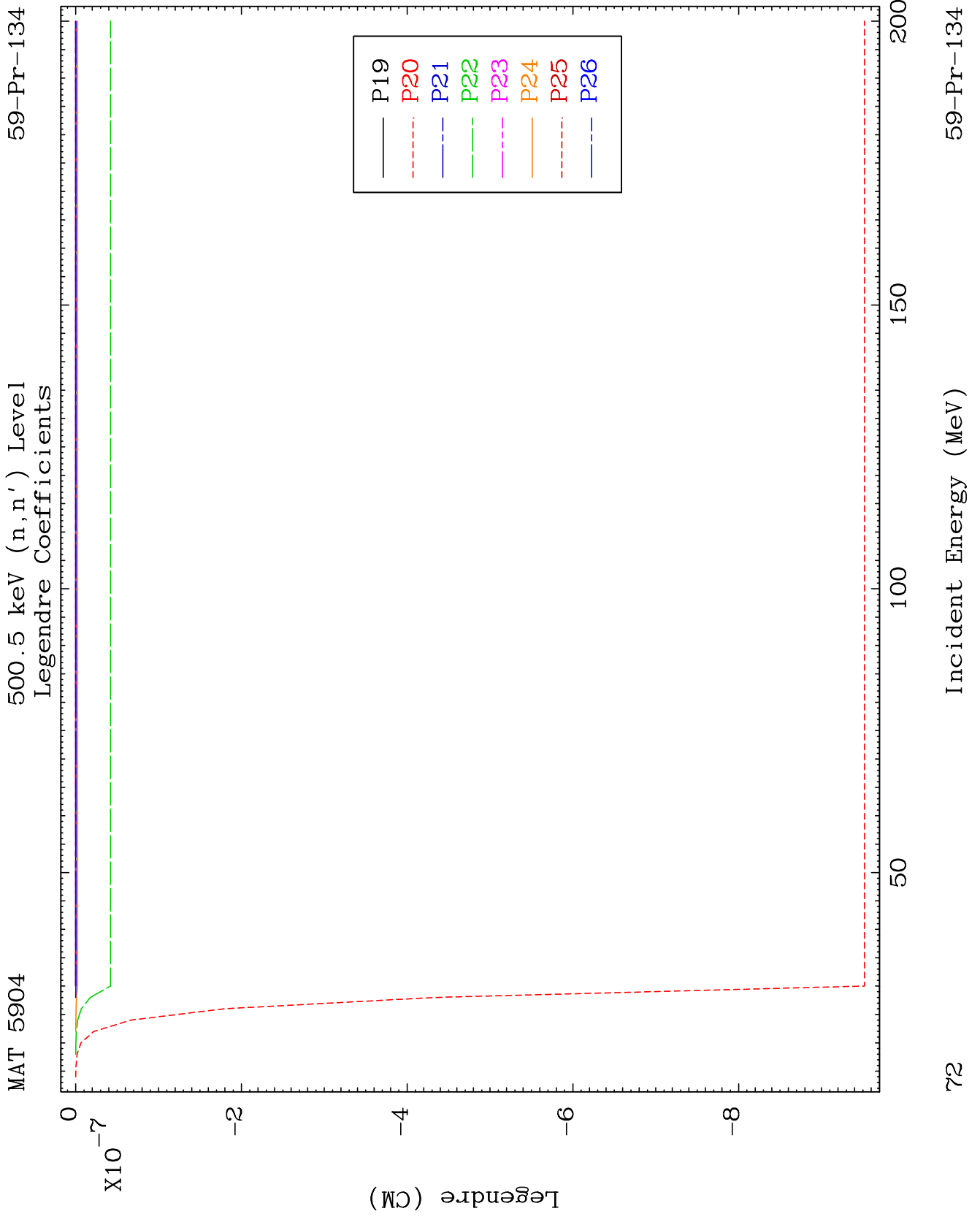
59-Pr-134

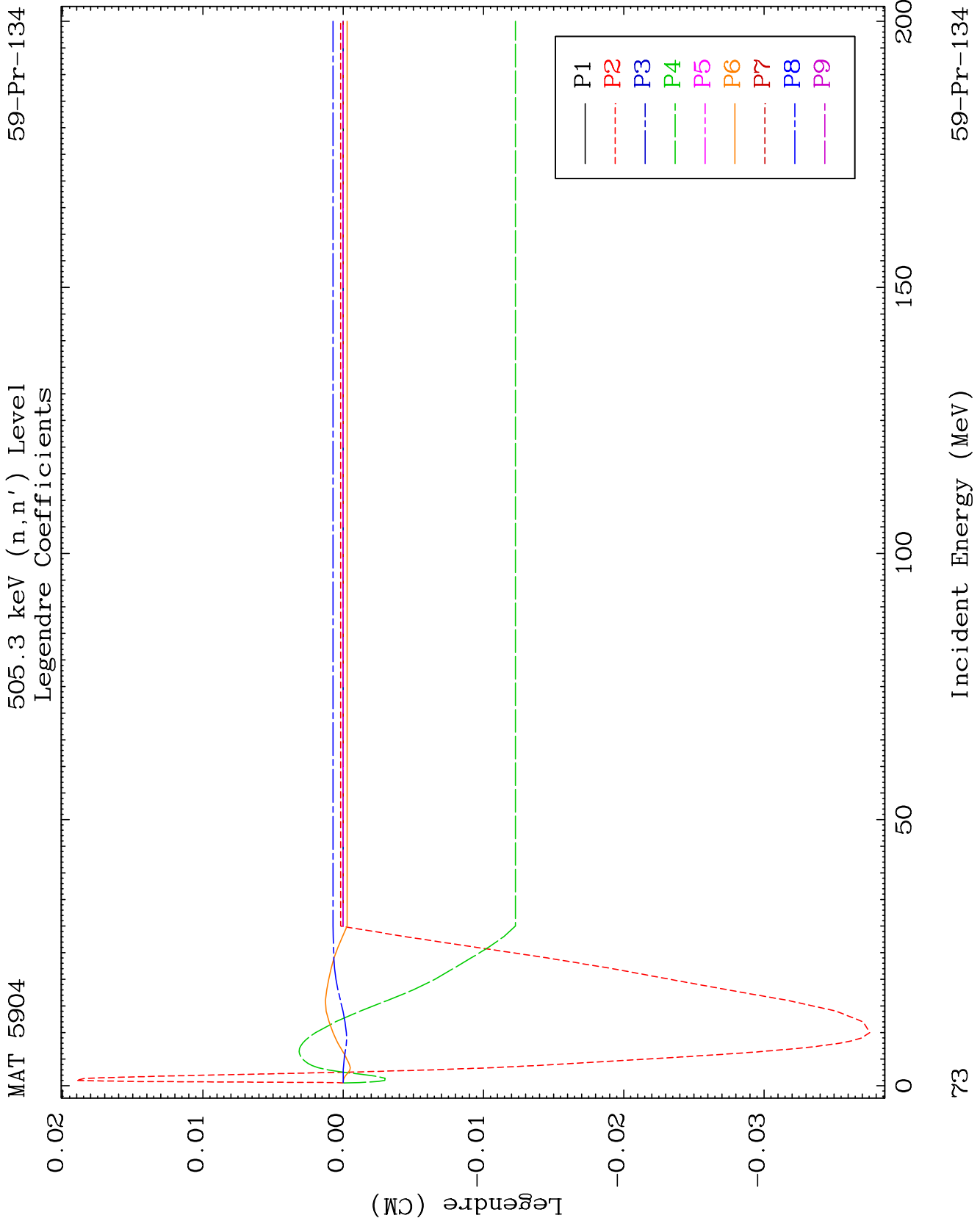


71

Incident Energy (MeV)

59-Pr-134

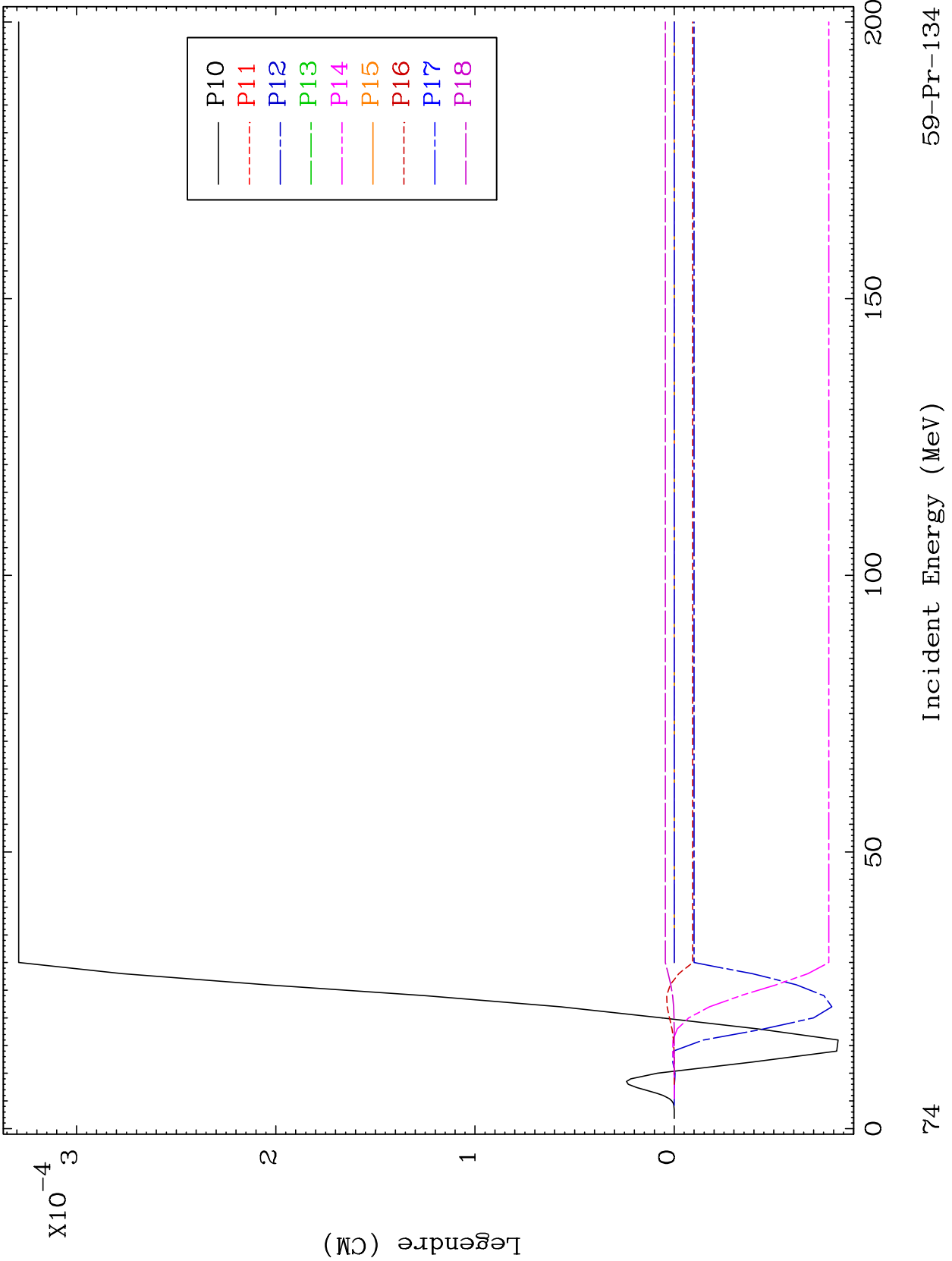


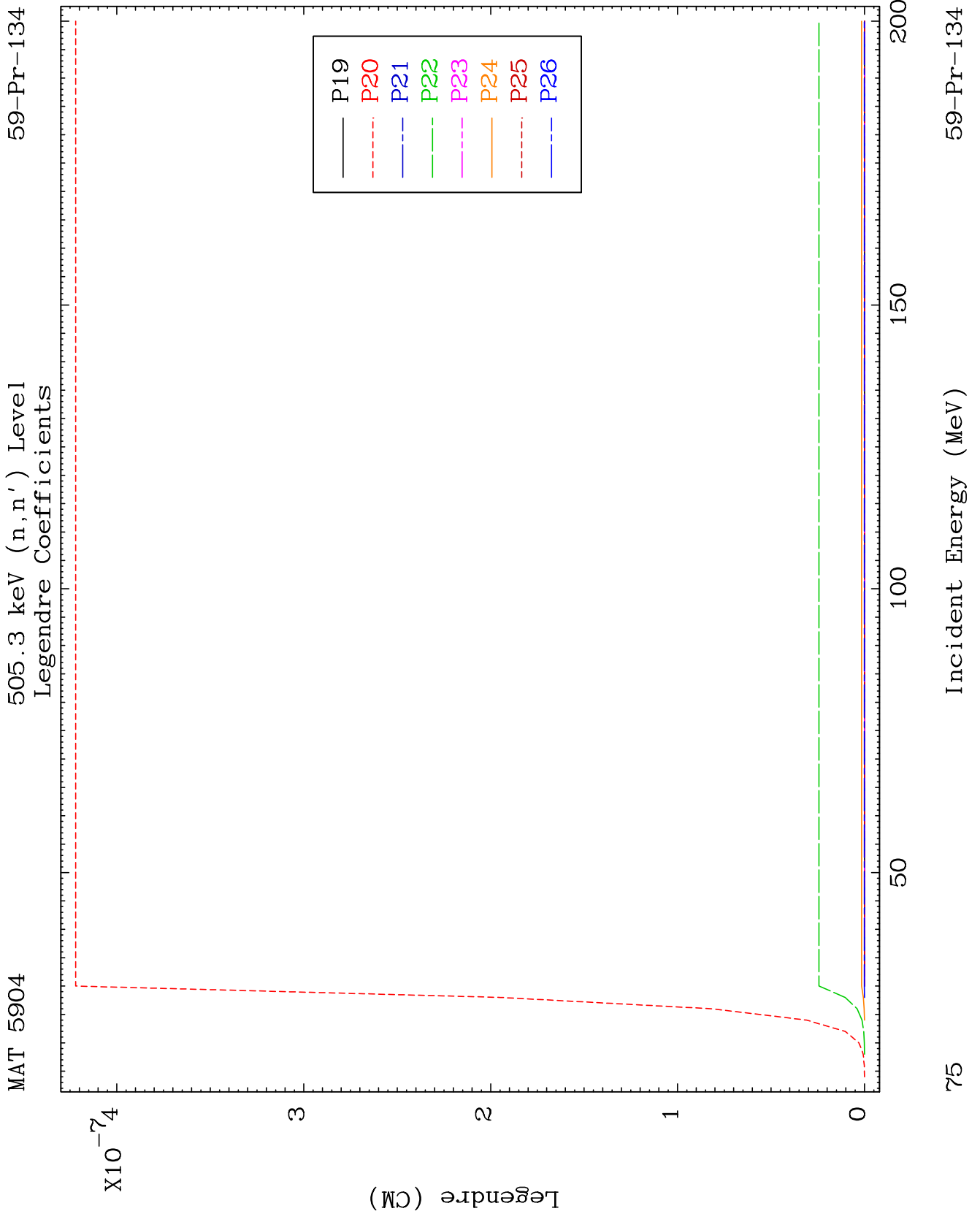


MAT 5904

505.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134

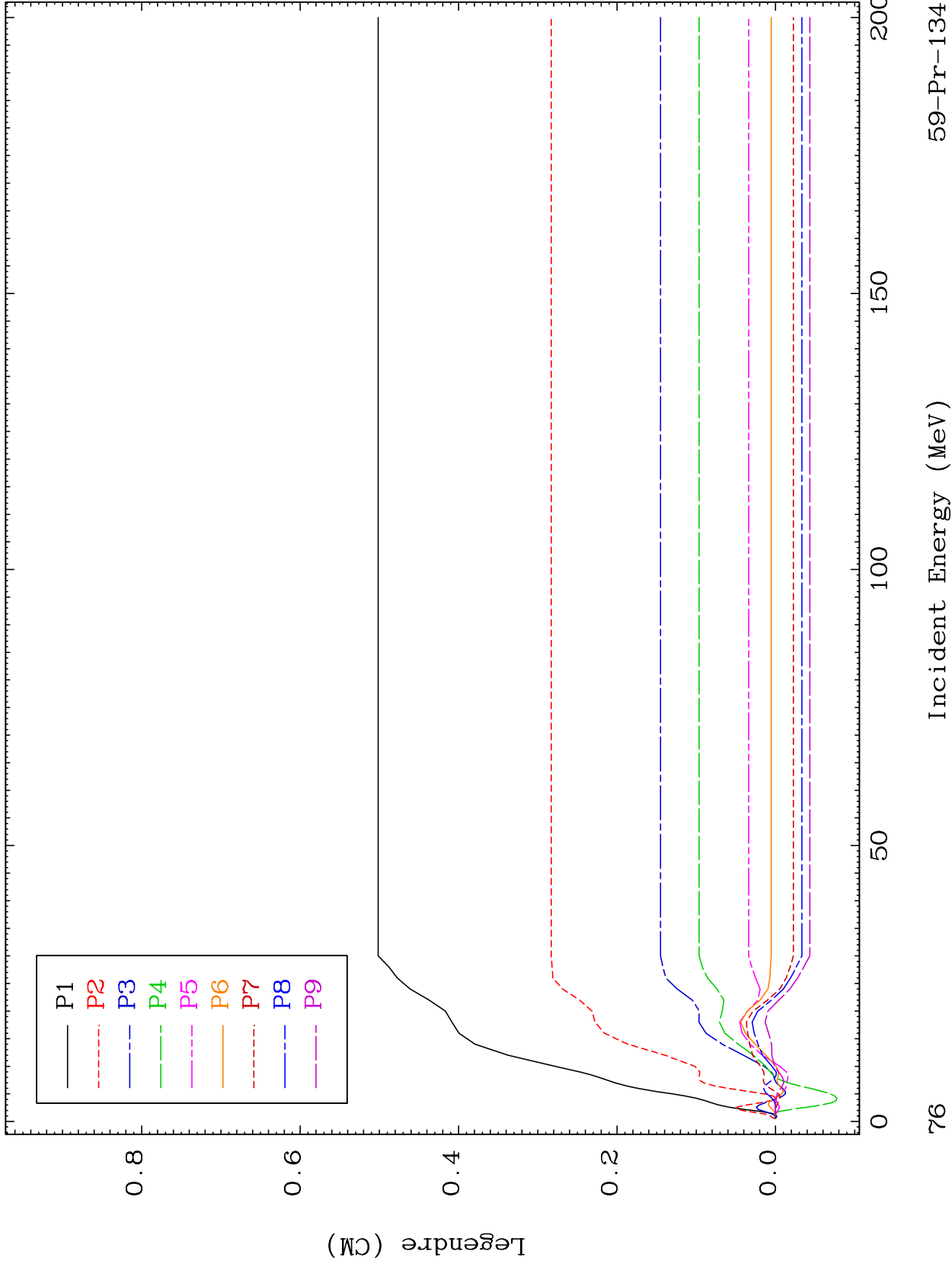




MAT 5904

509.1 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

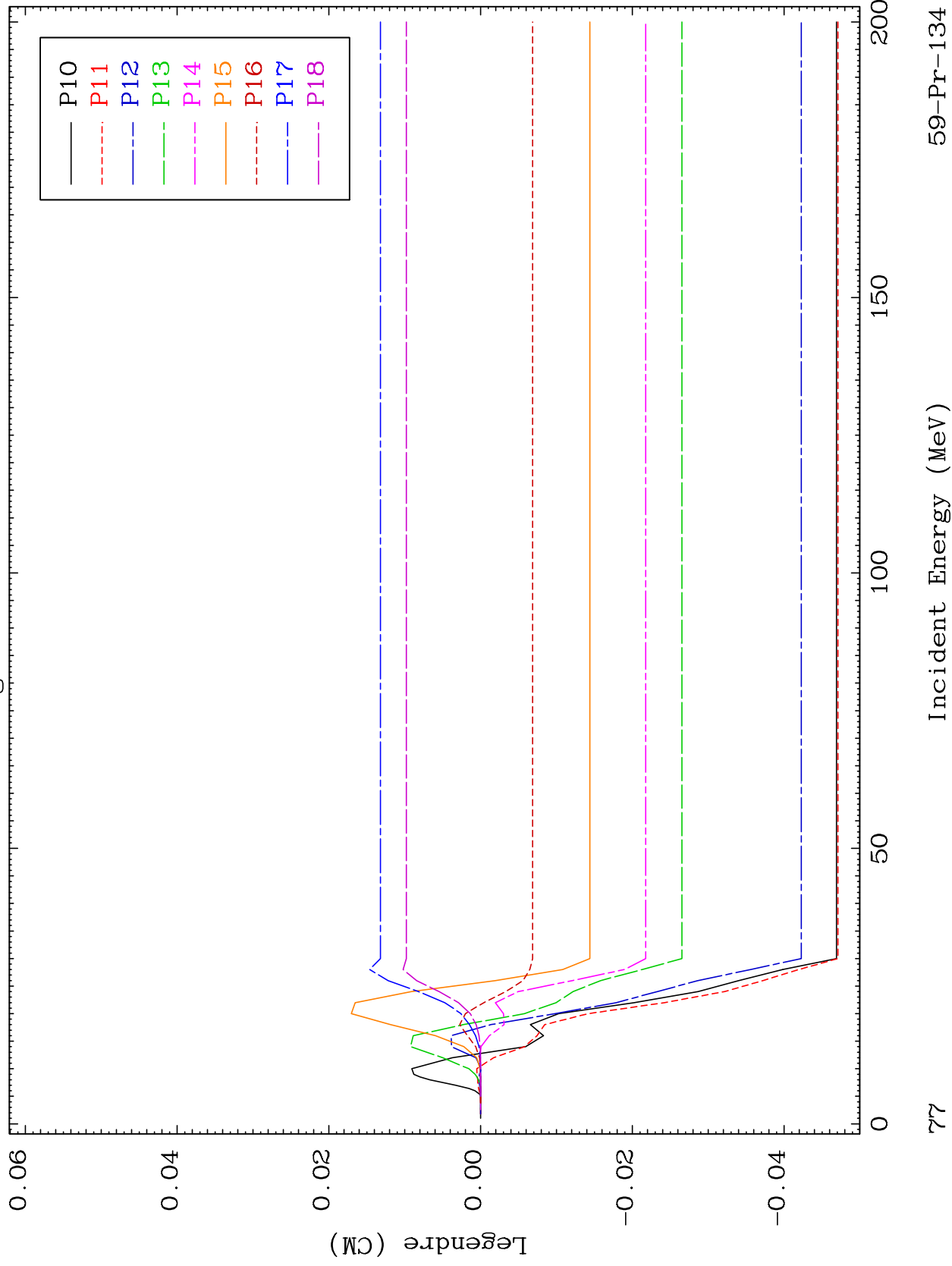
Incident Energy (MeV)

76

MAT 5904

509.1 keV (n,n') Level
Legendre Coefficients

59-Pr-134



77

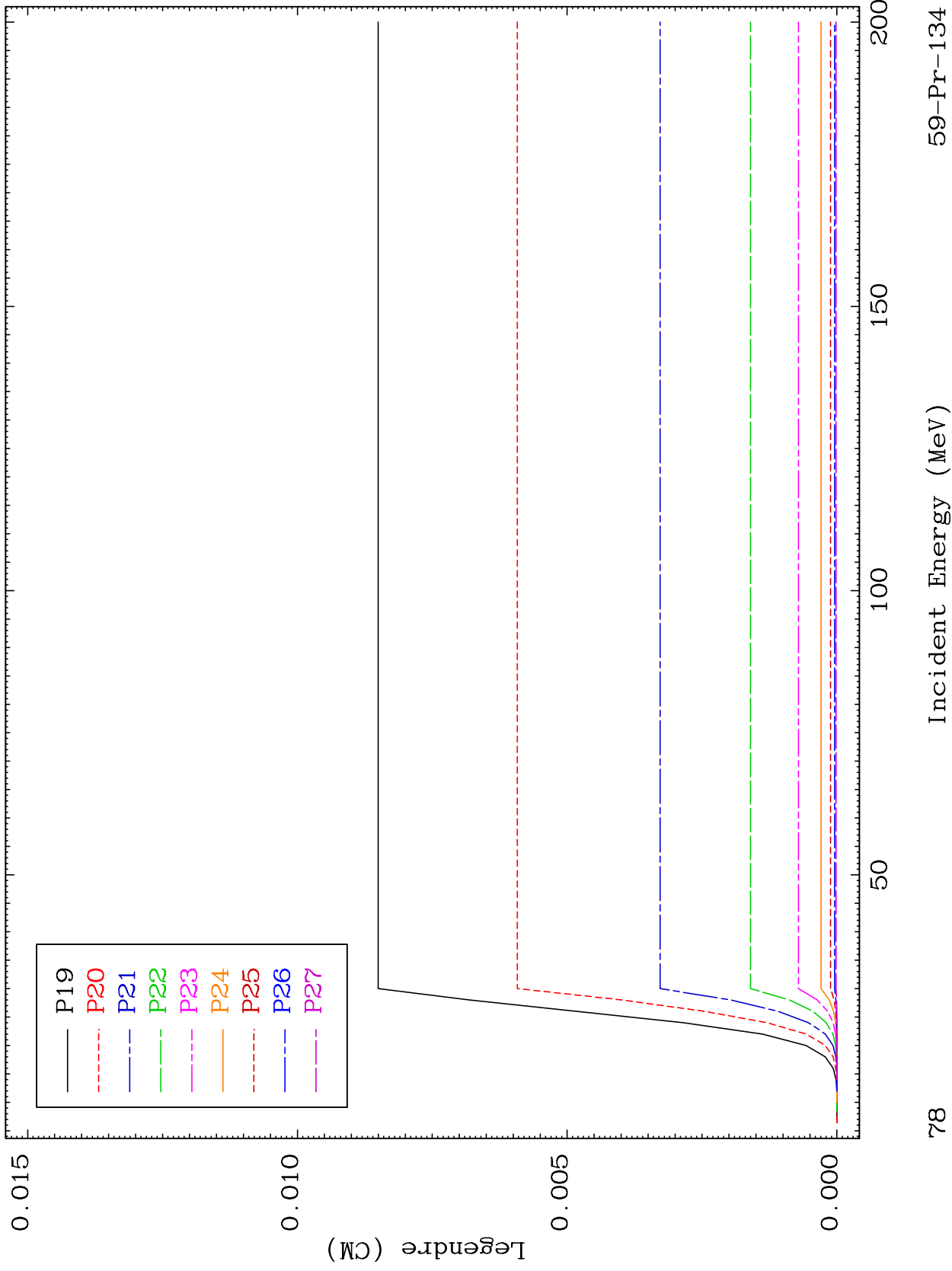
Incident Energy (MeV)

59-Pr-134

MAT 5904

509.1 keV (n,n') Level
Legendre Coefficients

59-Pr-134



78

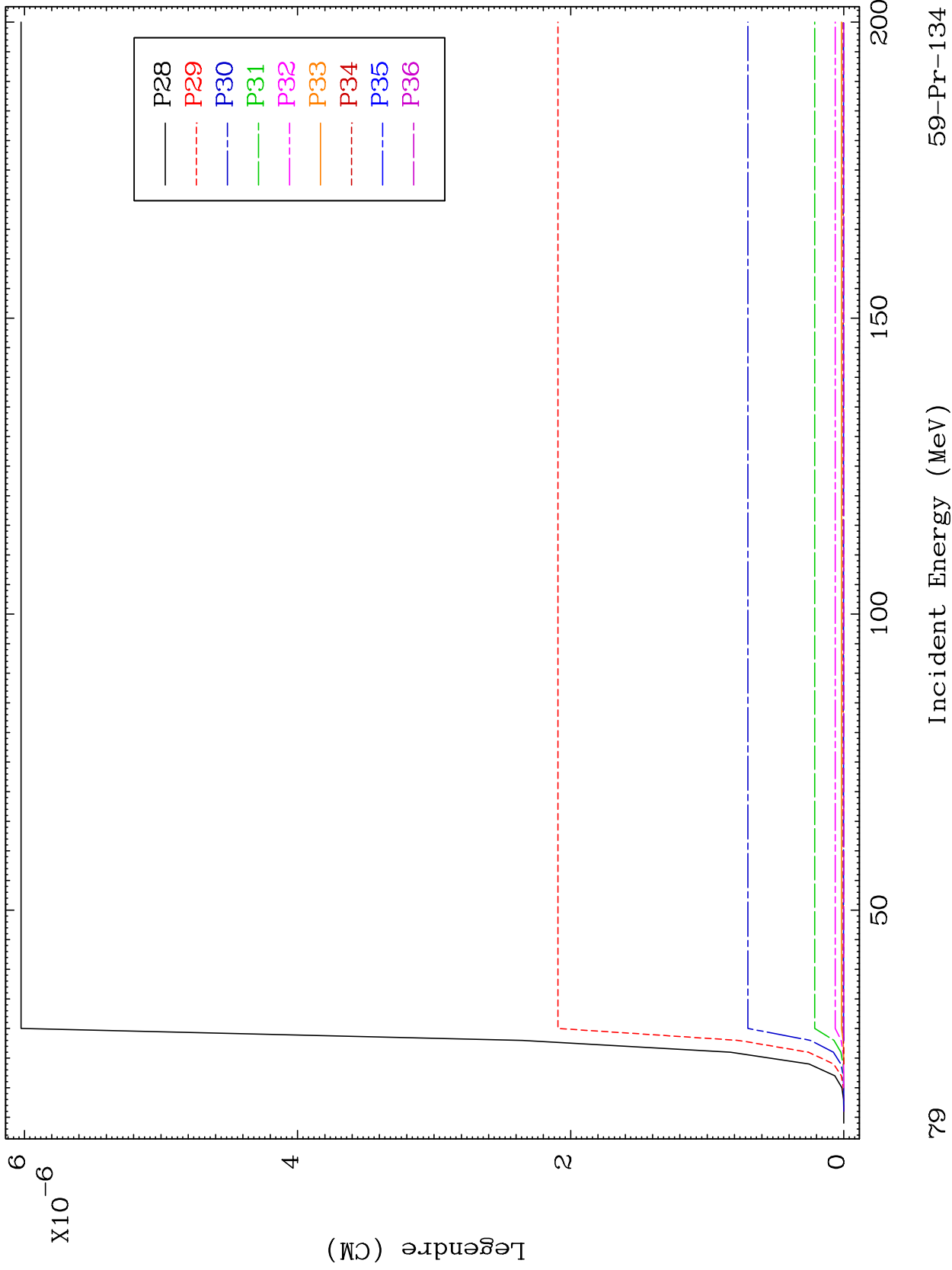
Incident Energy (MeV)

59-Pr-134

MAT 5904

509.1 keV (n,n') Level
Legendre Coefficients

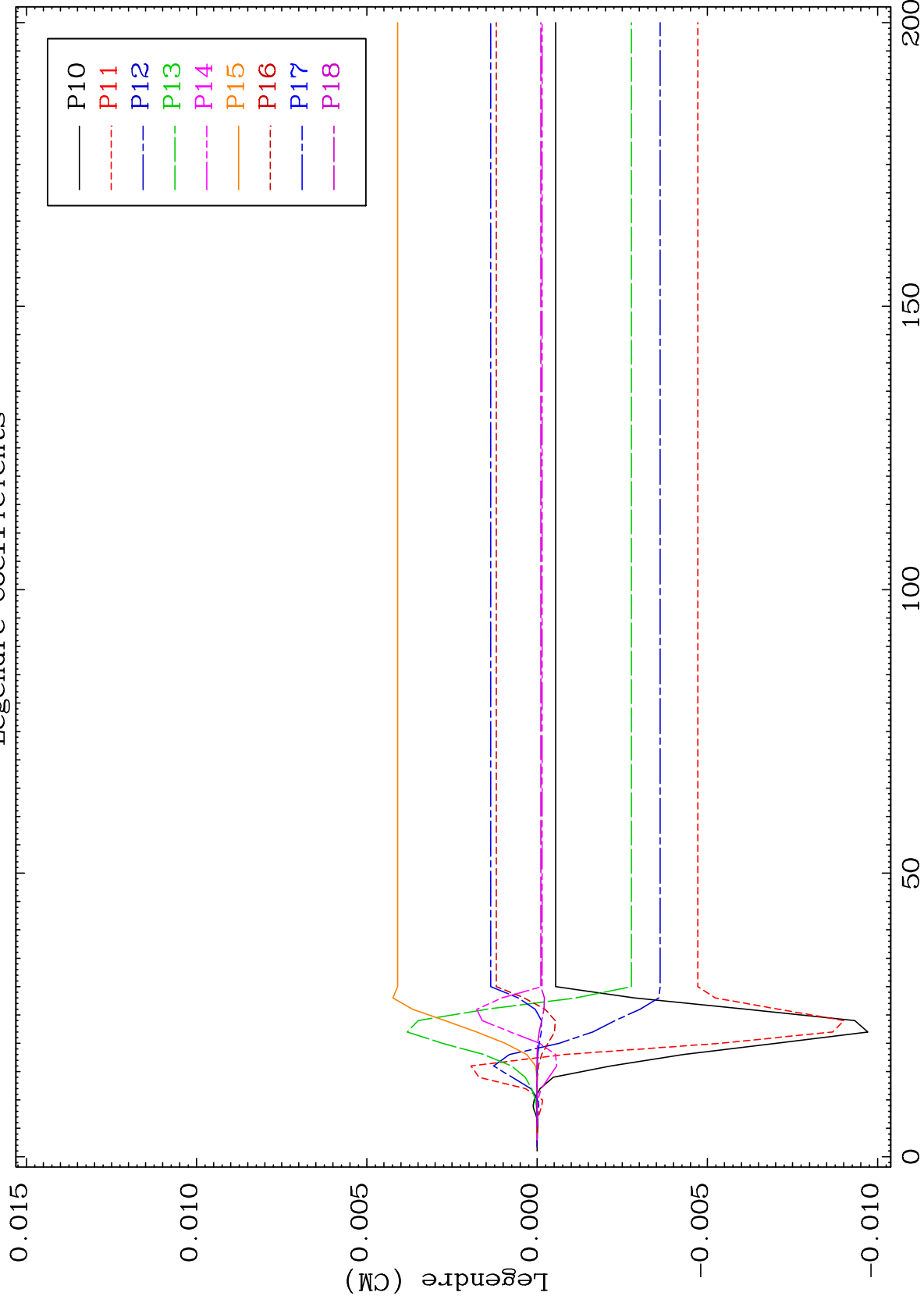
59-Pr-134



MAT 5904

518.2 keV (n,n') Level
Legendre Coefficients

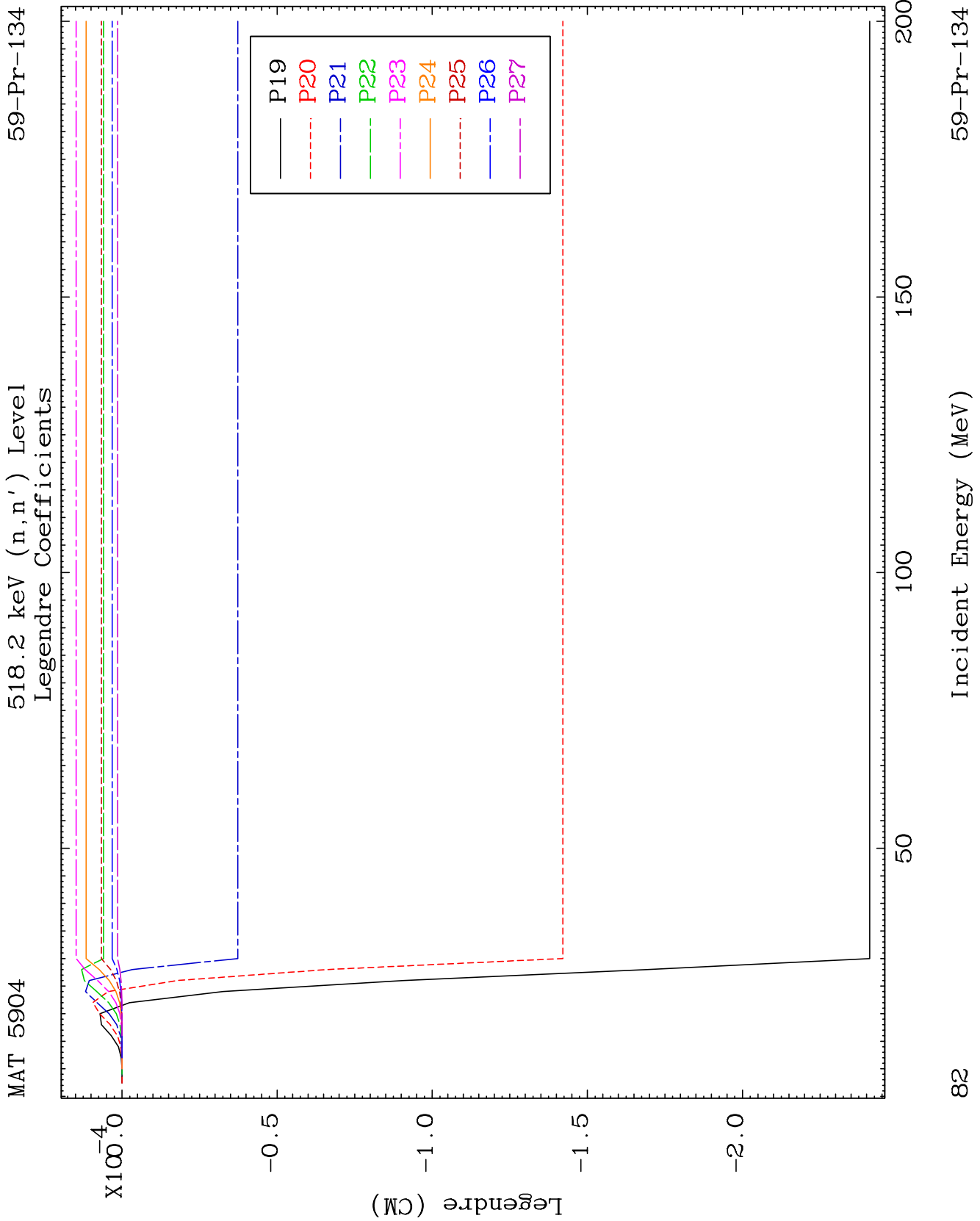
59-Pr-134



81

Incident Energy (MeV)

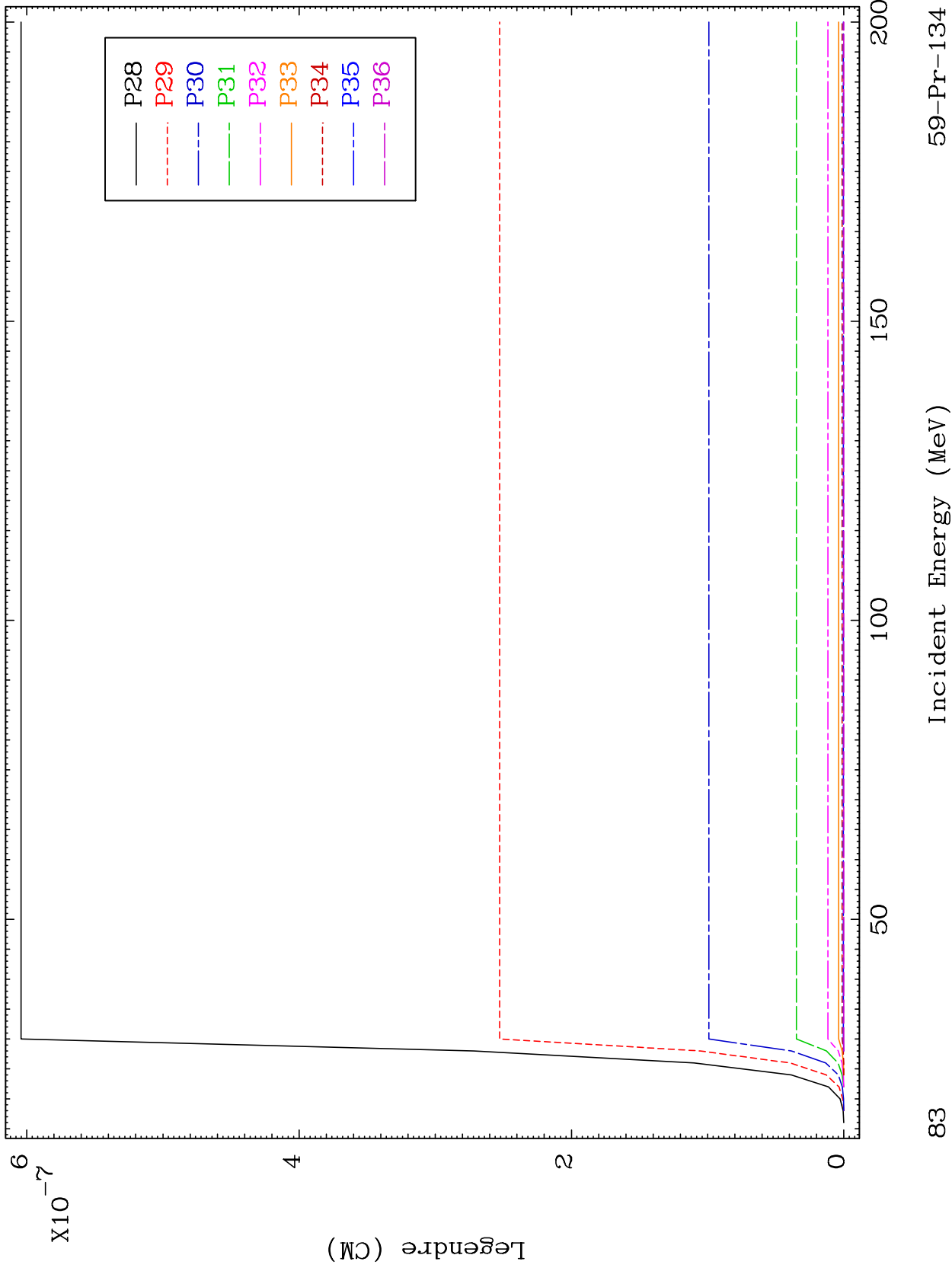
59-Pr-134



MAT 5904

518.2 keV (n,n') Level
Legendre Coefficients

59-Pr-134



83

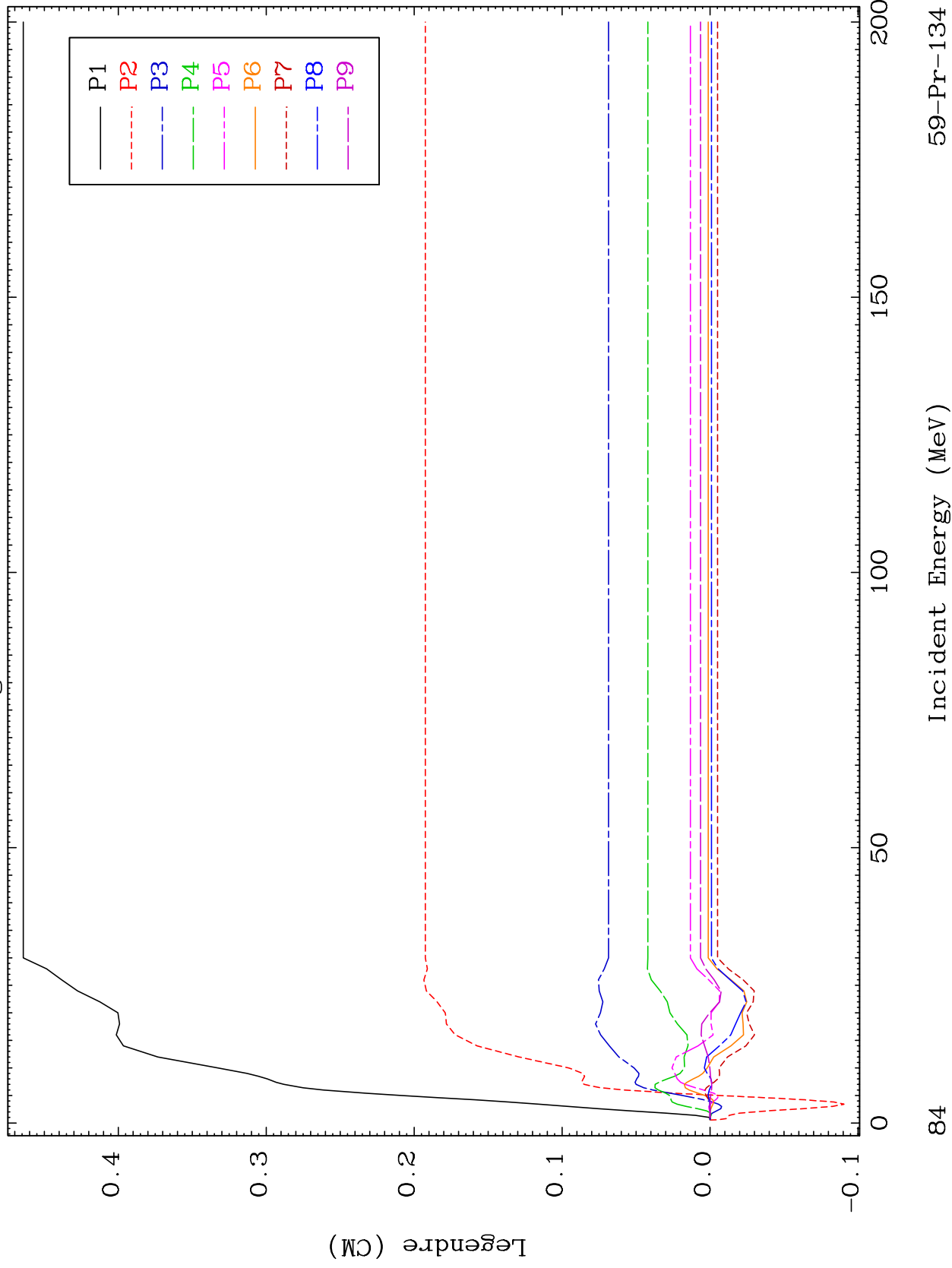
Incident Energy (MeV)

59-Pr-134

MAT 5904

519.3 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

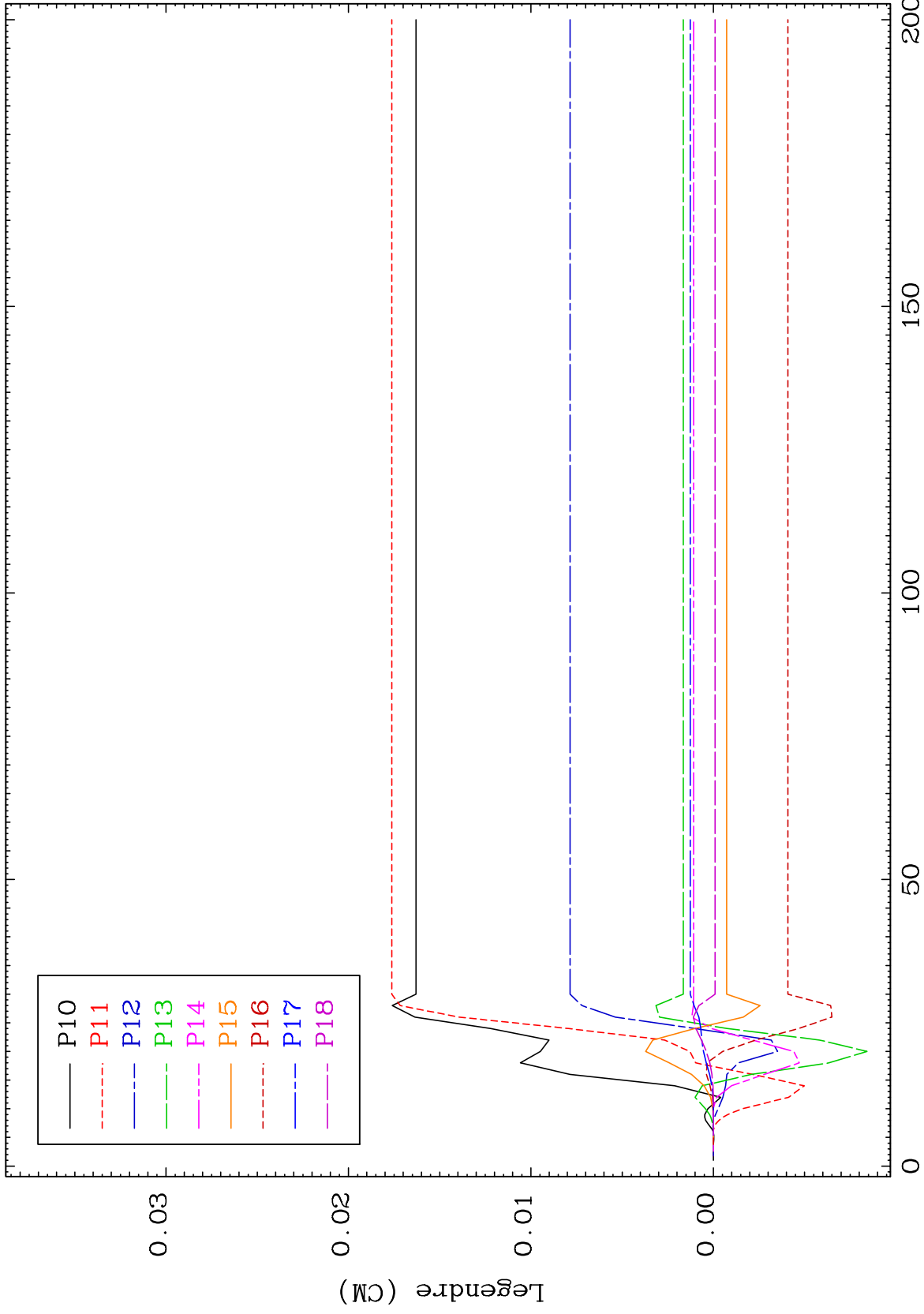
Incident Energy (MeV)

84

MAT 5904

519.3 keV (n,n') Level
Legendre Coefficients

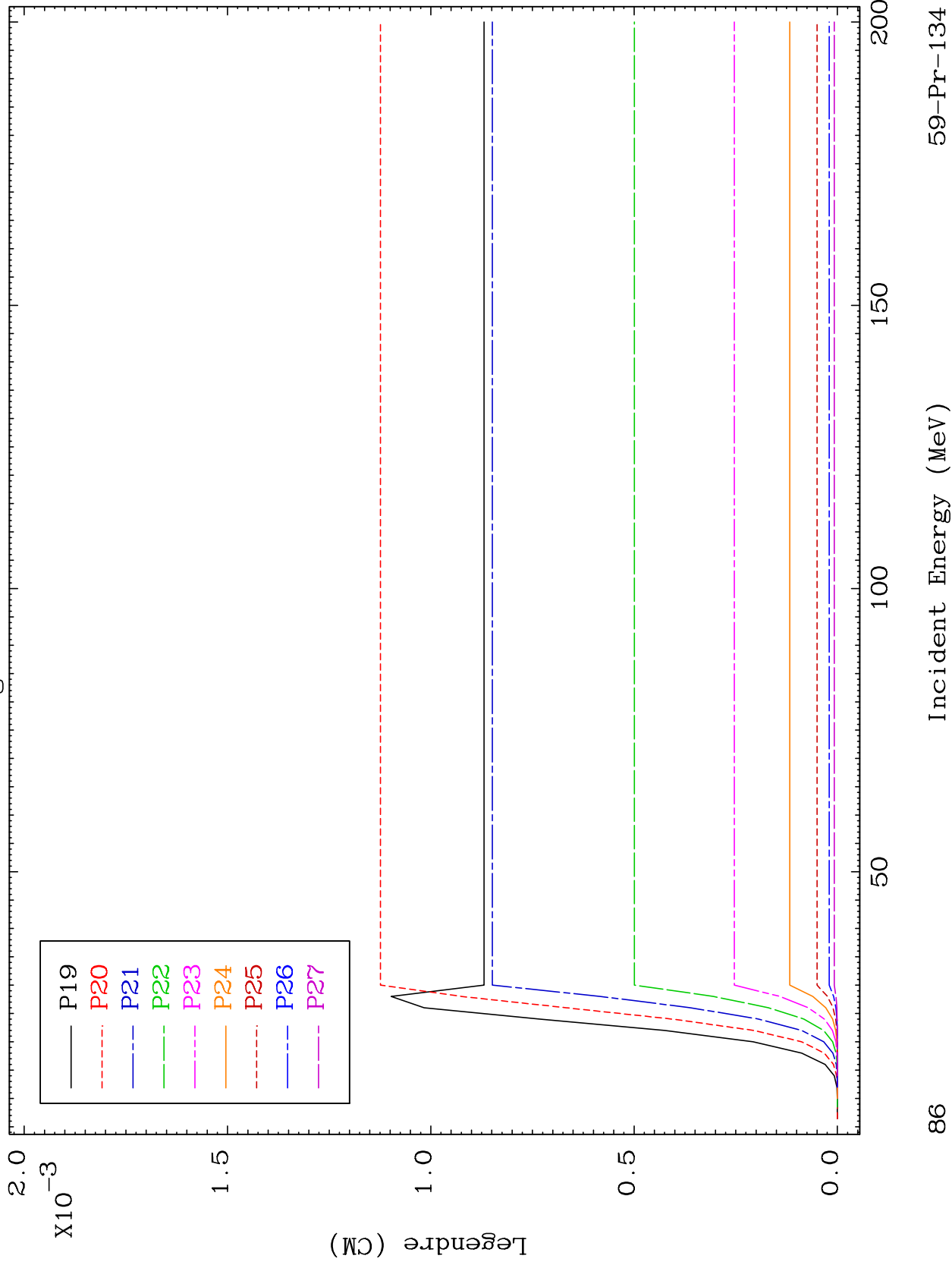
59-Pr-134



85

Incident Energy (MeV)

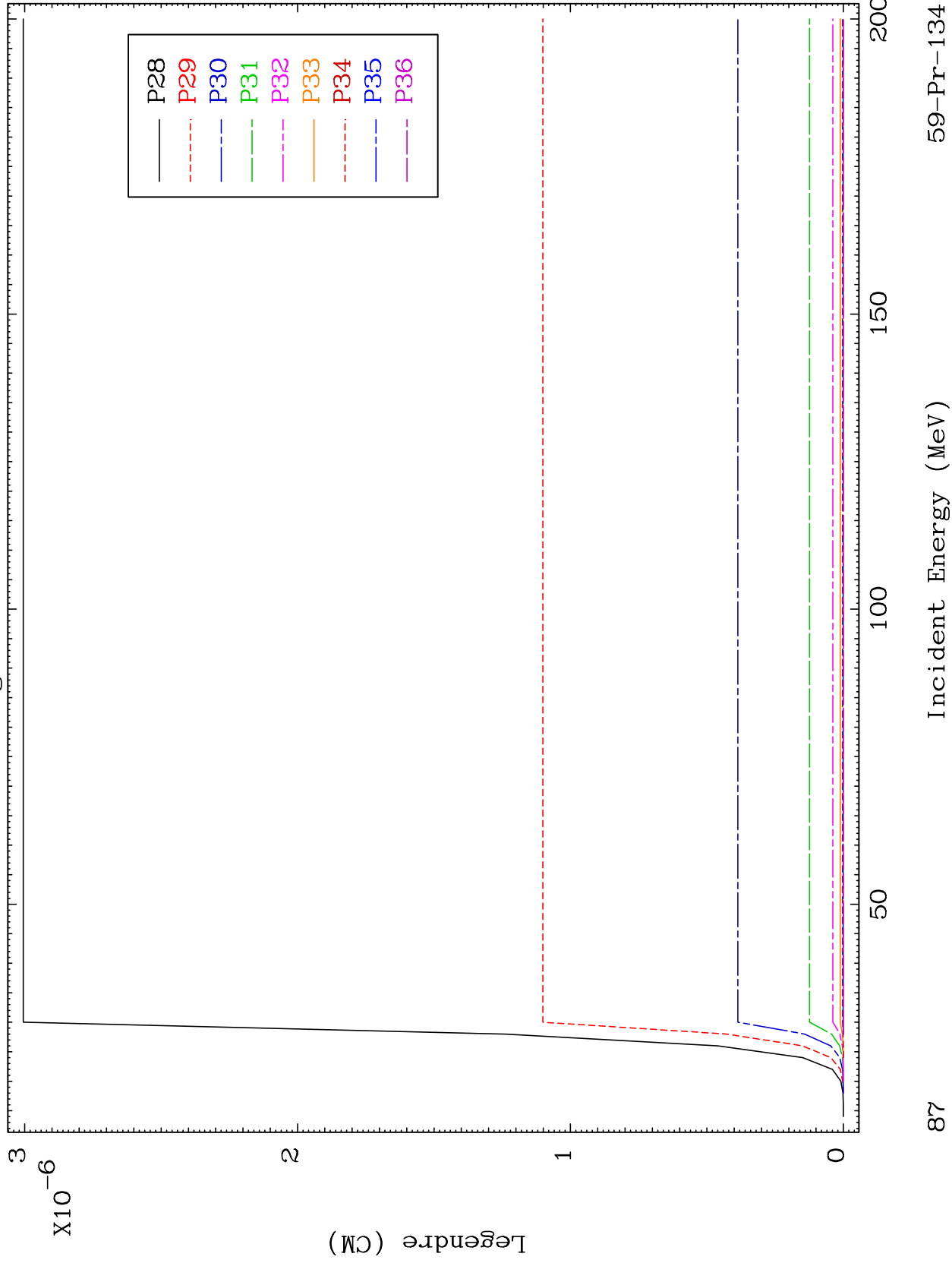
59-Pr-134



MAT 5904

519.3 keV (n,n') Level
Legendre Coefficients

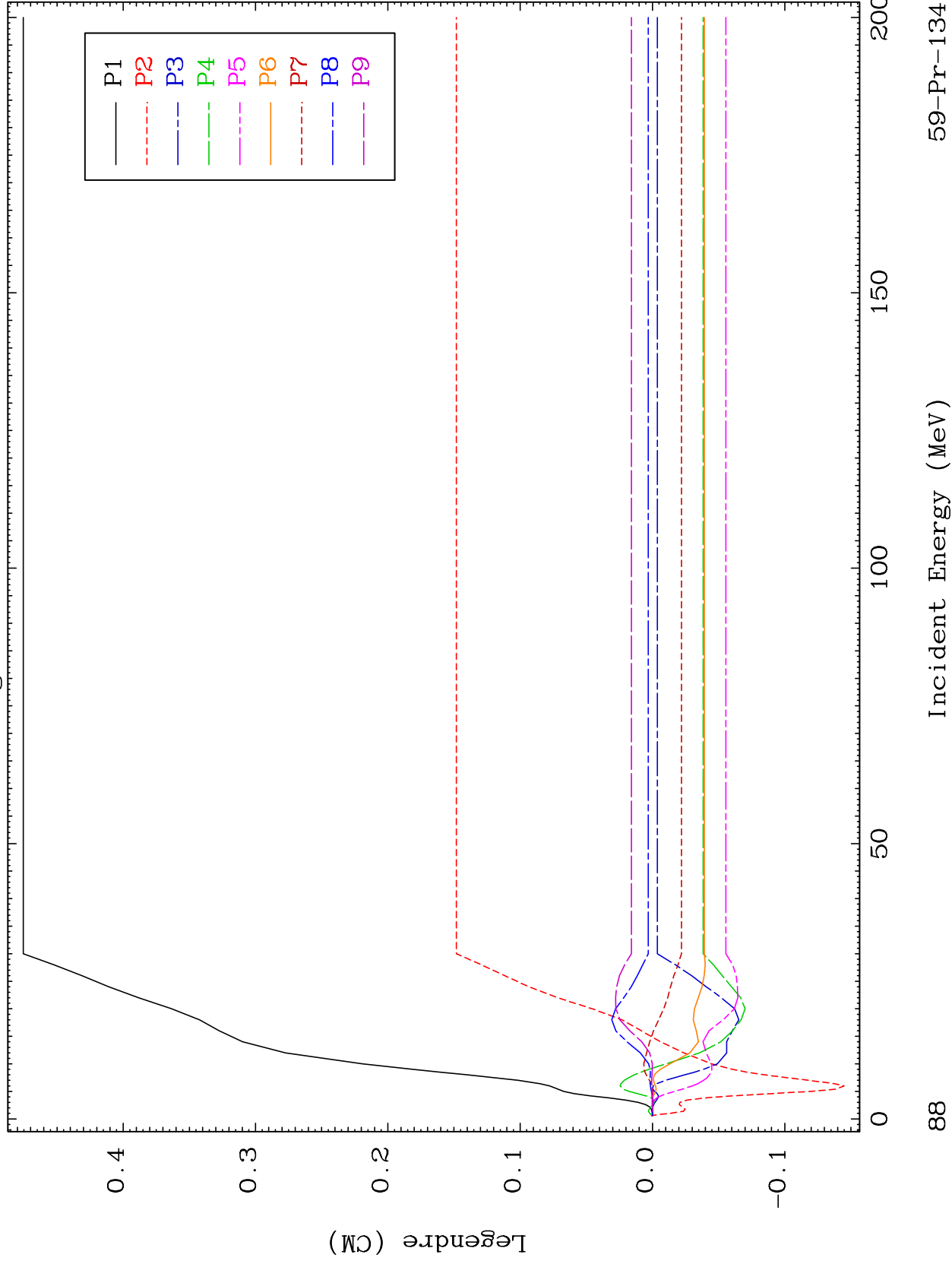
59-Pr-134



MAT 5904

521.9 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

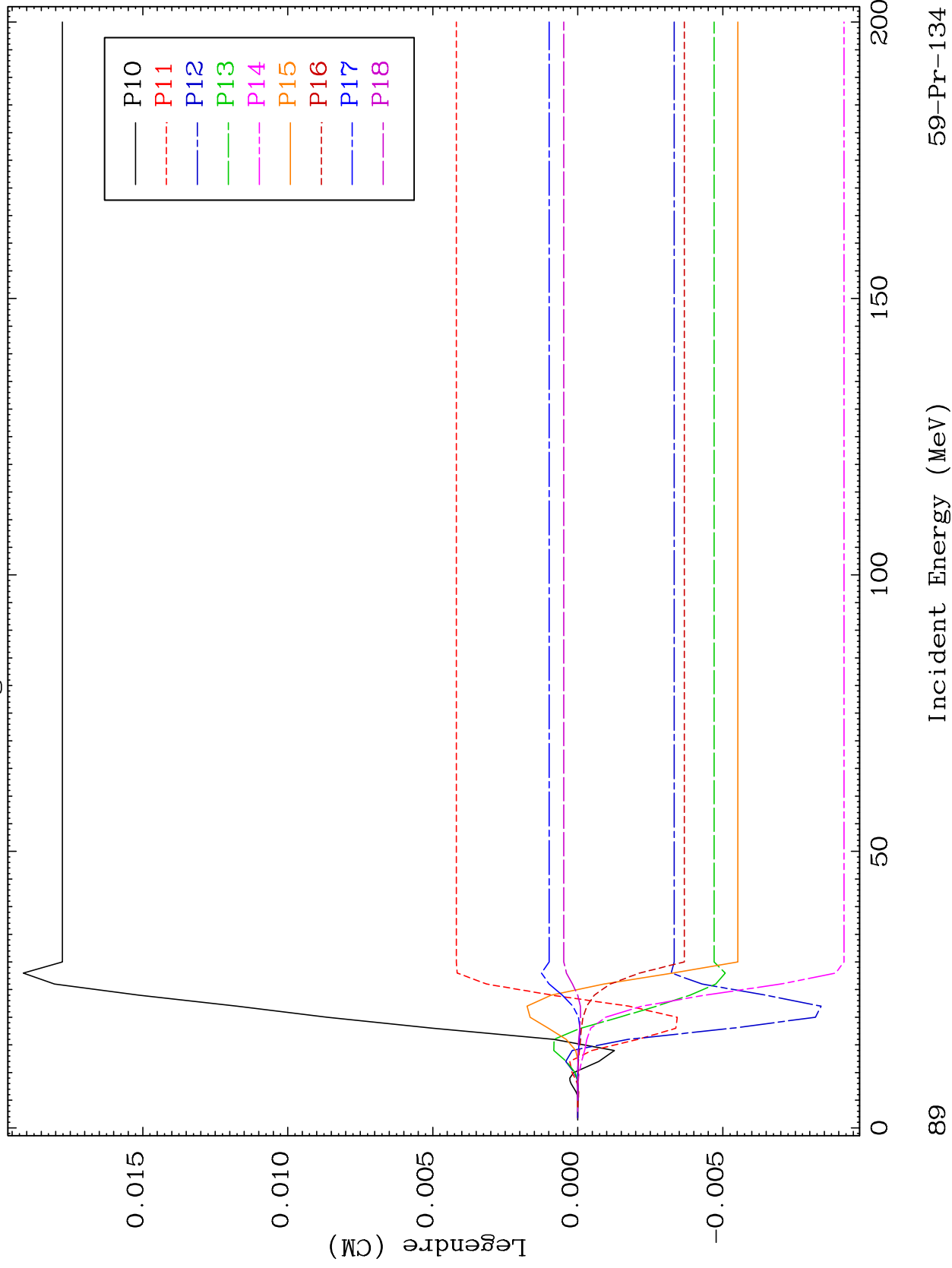
Incident Energy (MeV)

88

MAT 5904

521.9 keV (n,n') Level
Legendre Coefficients

59-Pr-134



89

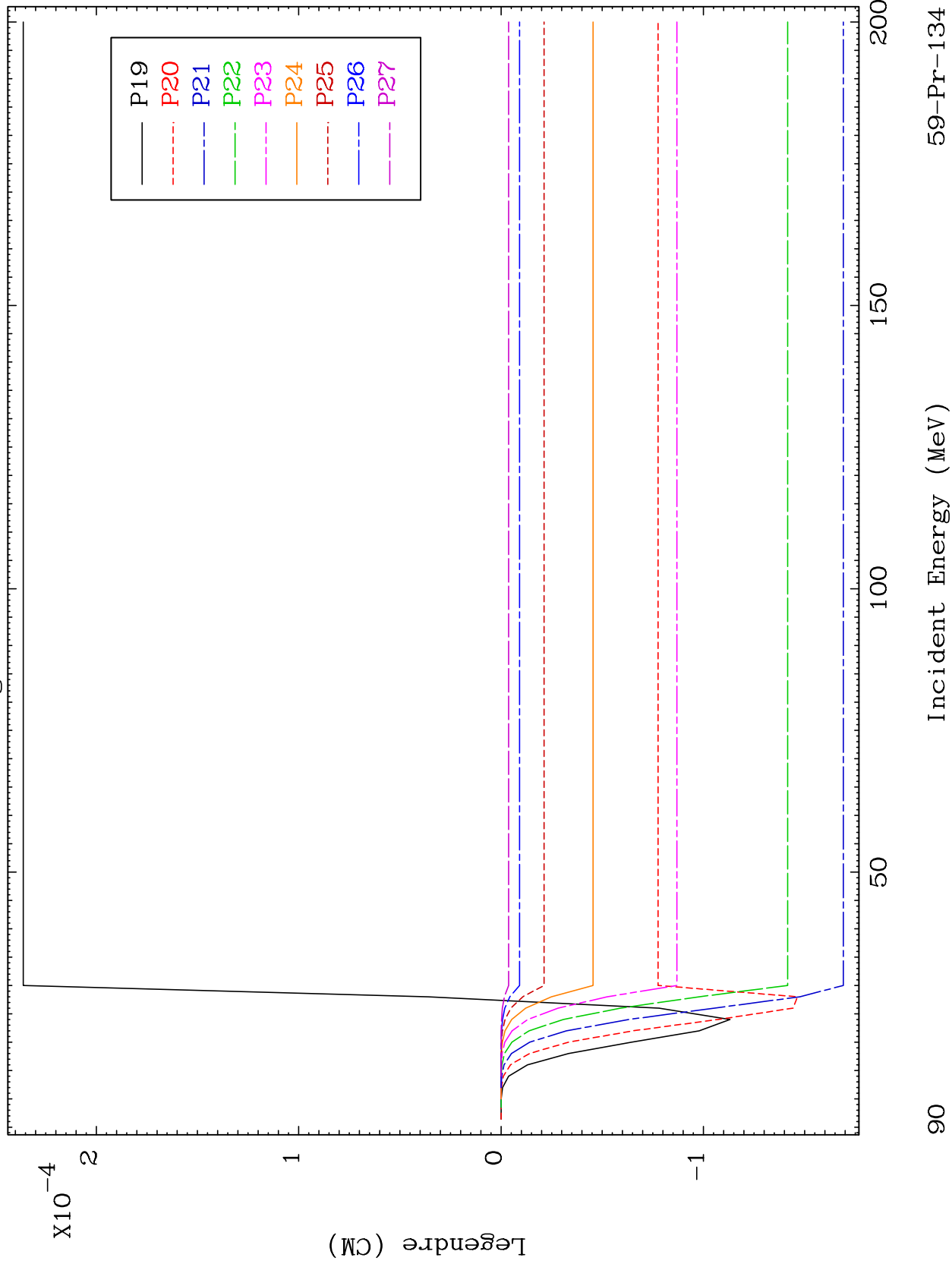
Incident Energy (MeV)

59-Pr-134

MAT 5904

521.9 keV (n,n') Level
Legendre Coefficients

59-Pr-134



90

Incident Energy (MeV)

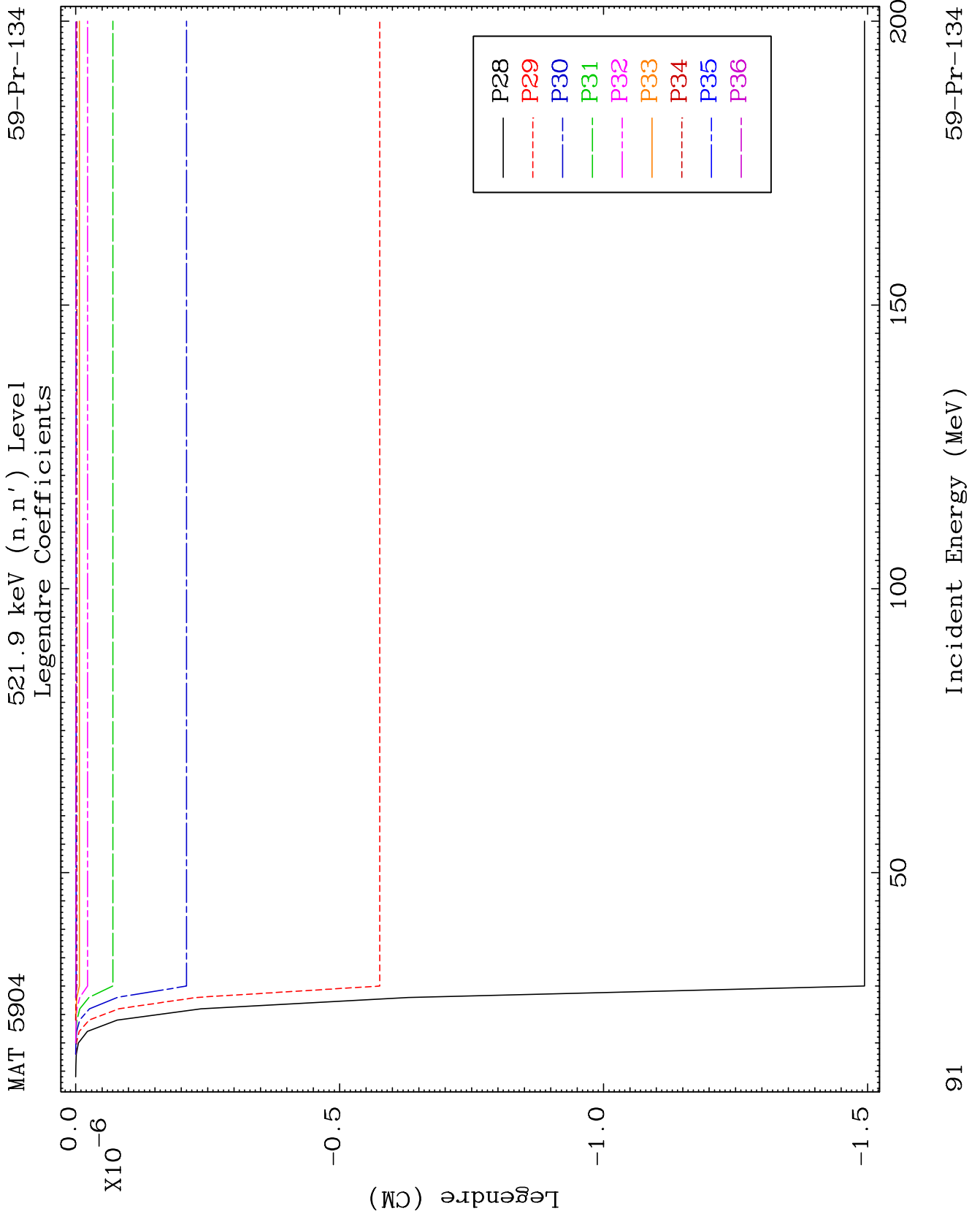
50

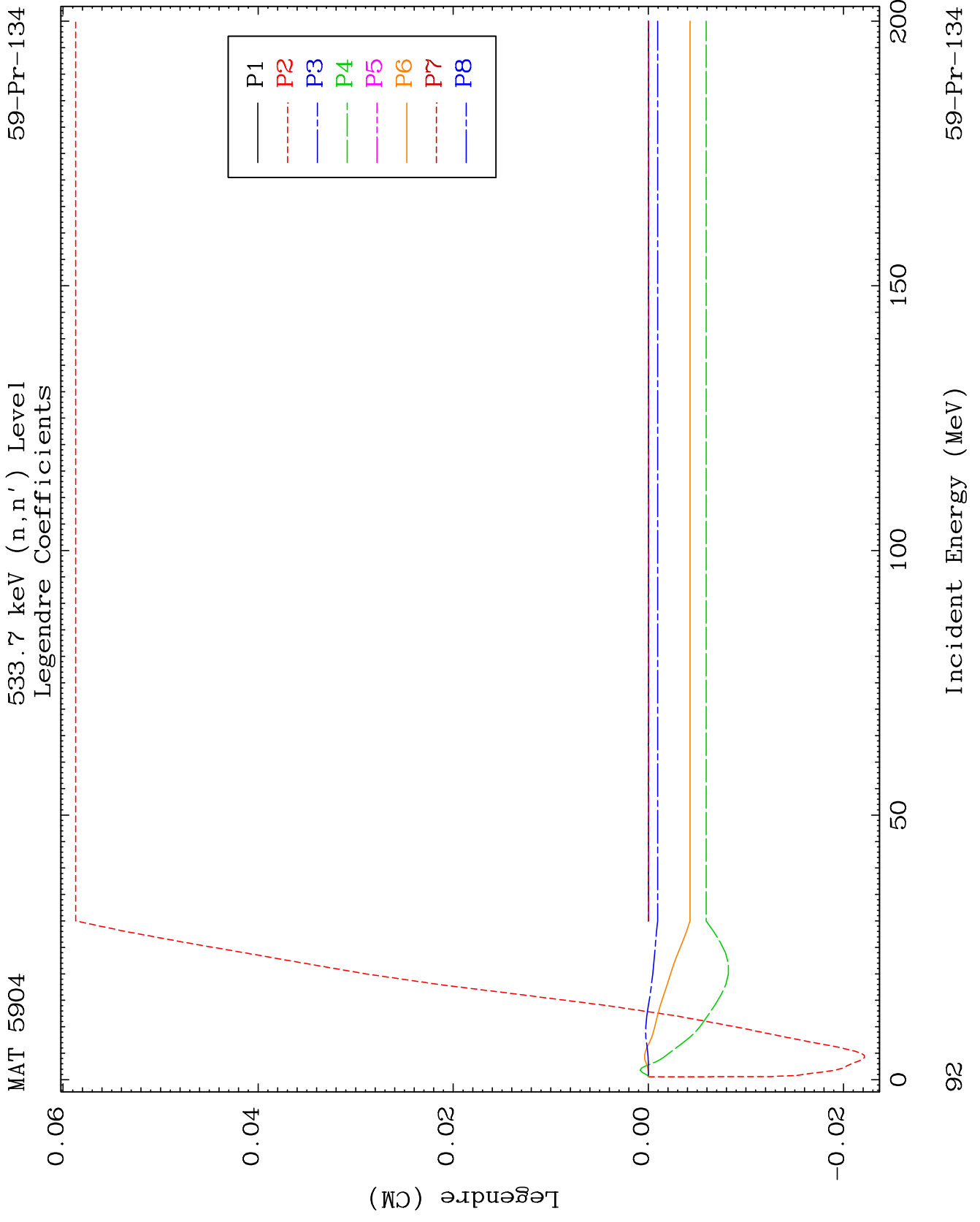
100

150

200

59-Pr-134

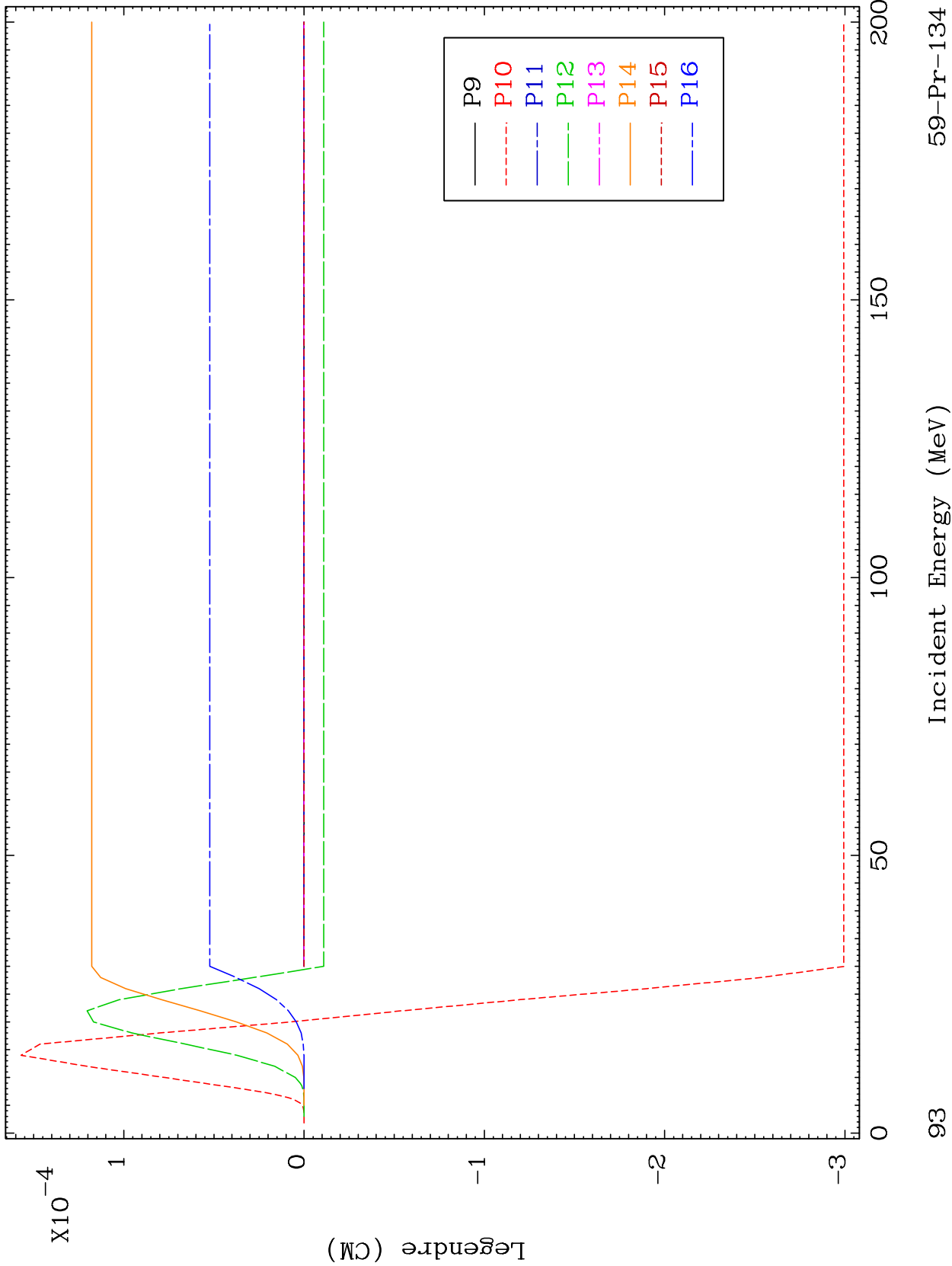




MAT 5904

533.7 keV (n,n') Level
Legendre Coefficients

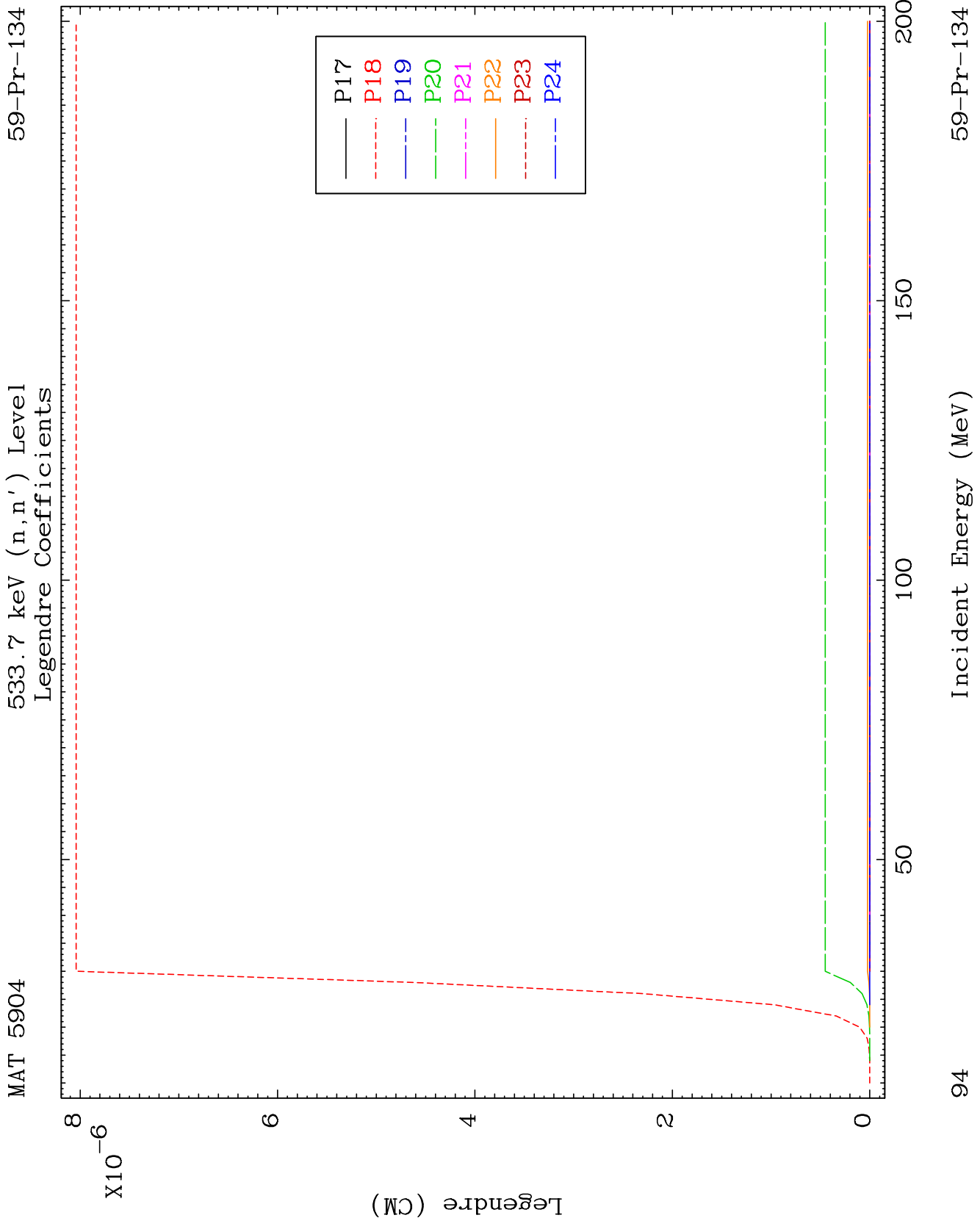
59-Pr-134

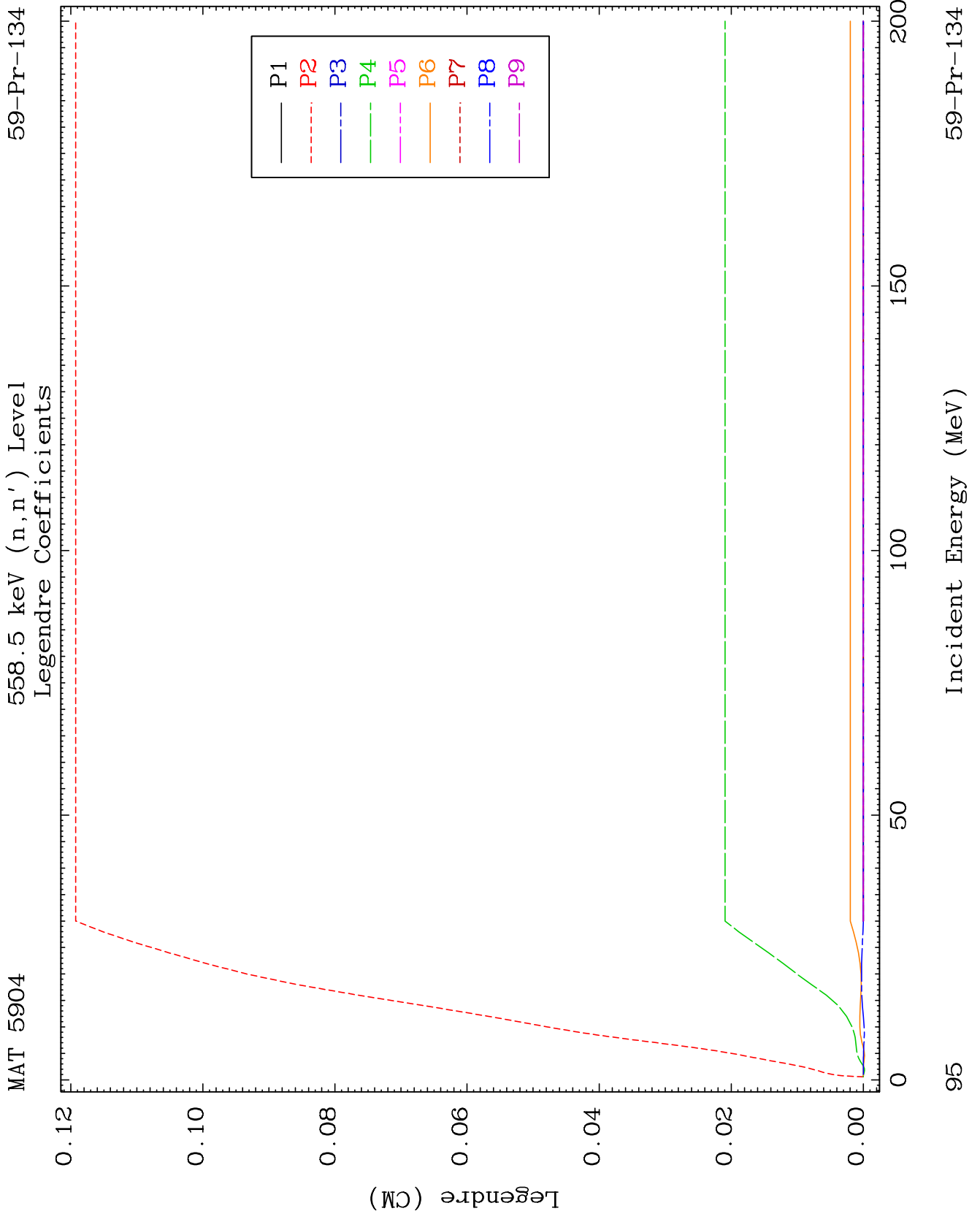


93

Incident Energy (MeV)

59-Pr-134

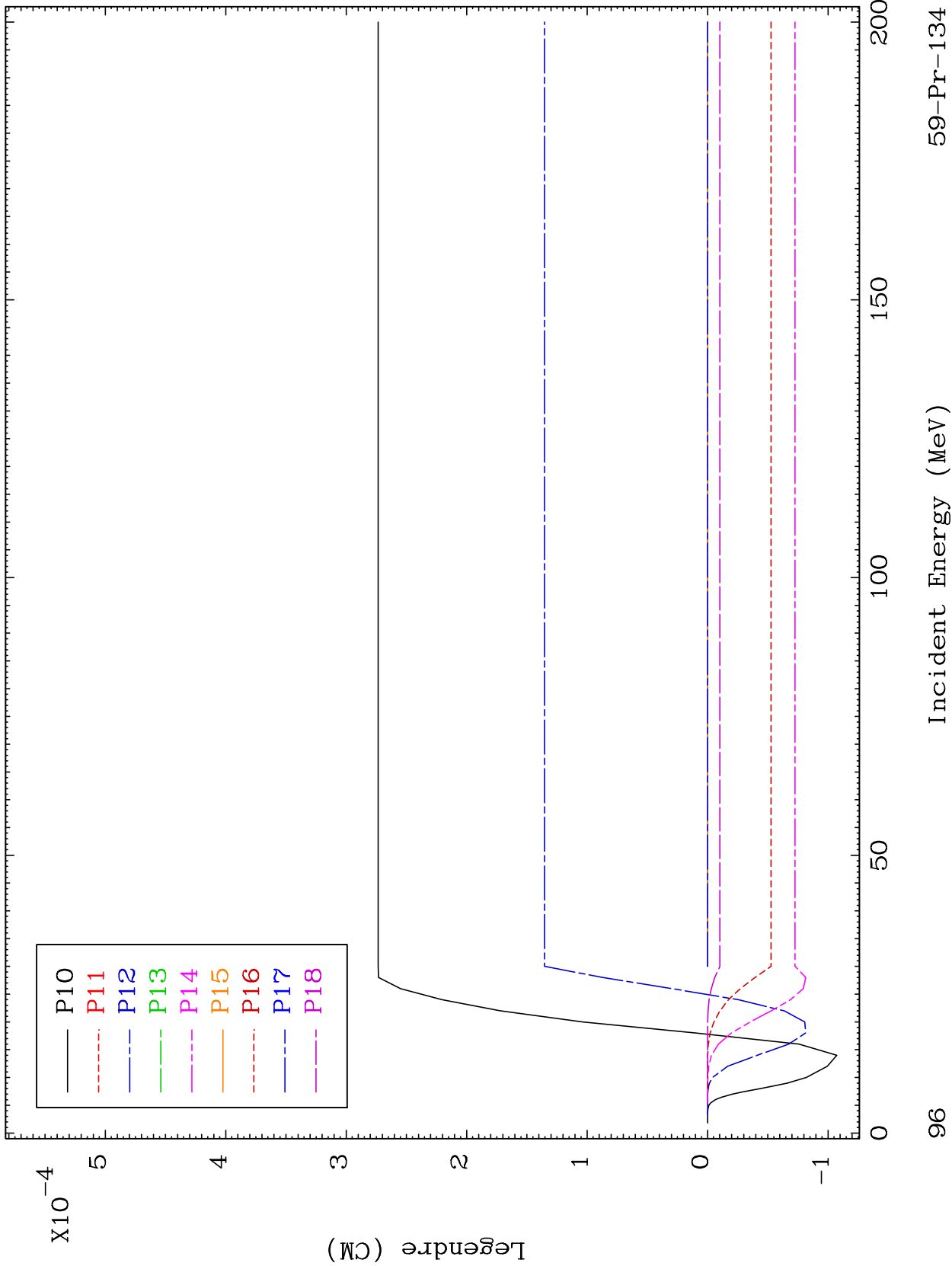




MAT 5904

558.5 keV (n,n') Level
Legendre Coefficients

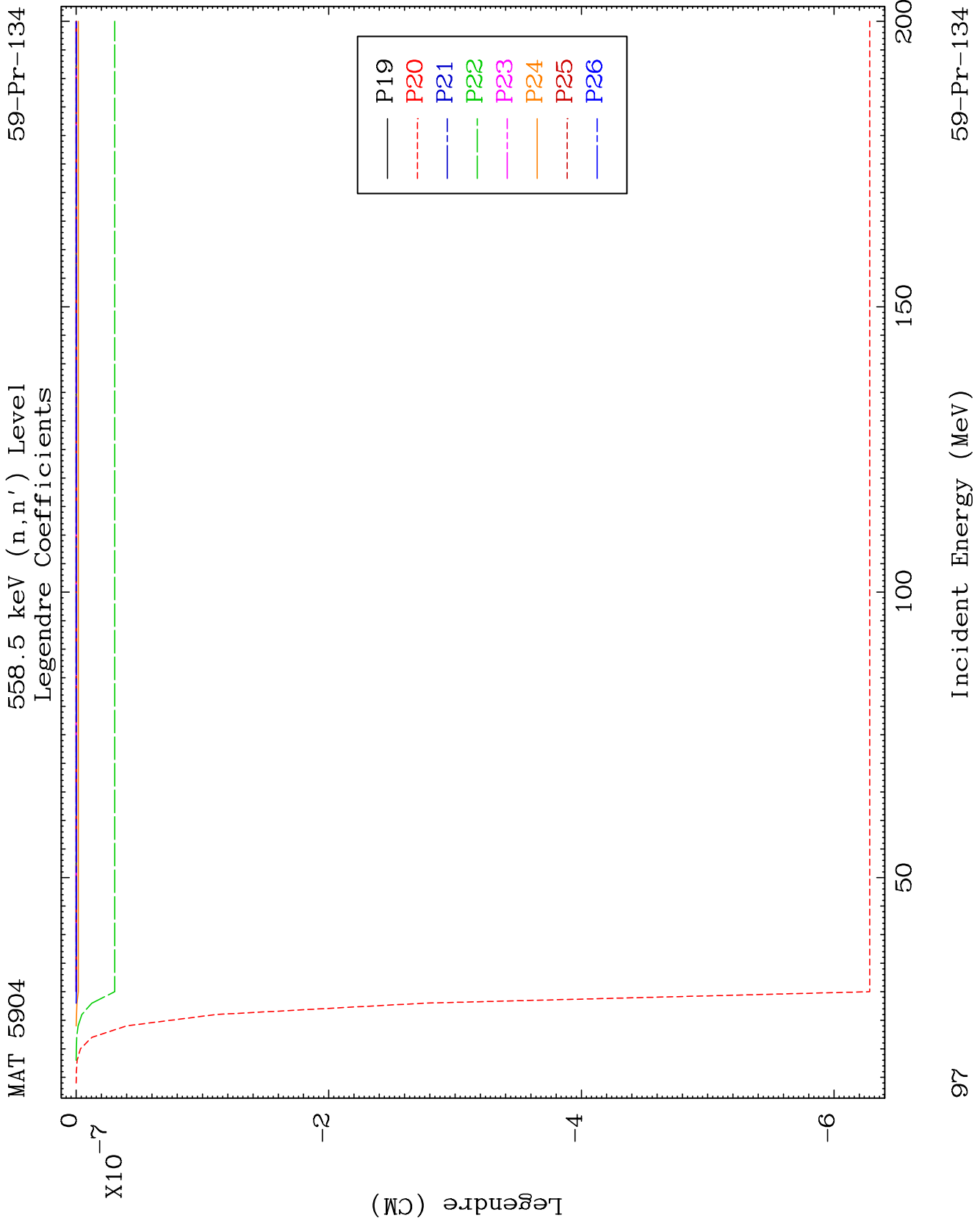
59-Pr-134



96

Incident Energy (MeV)

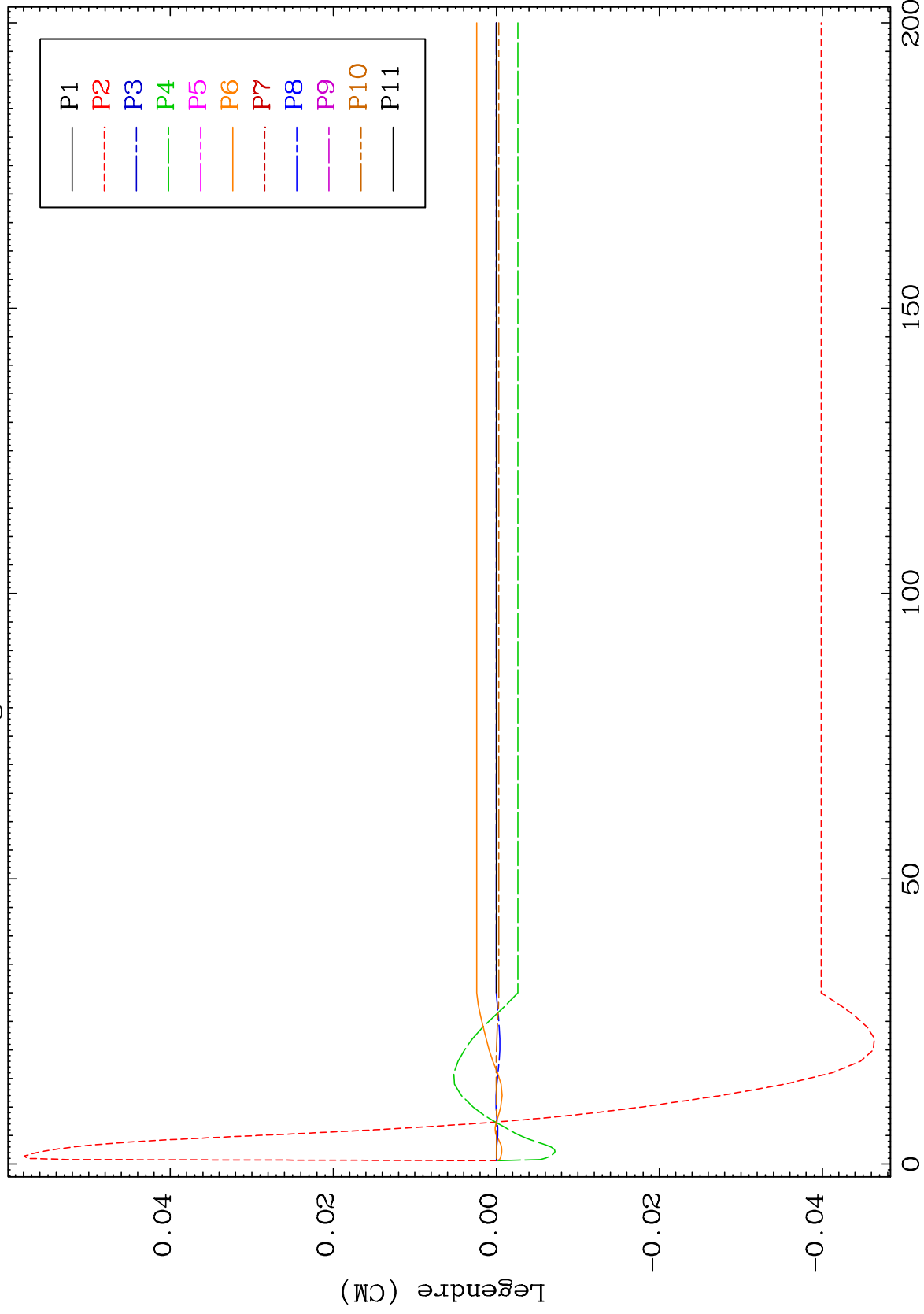
59-Pr-134



MAT 5904

585.4 keV (n,n') Level
Legendre Coefficients

59-Pr-134



98

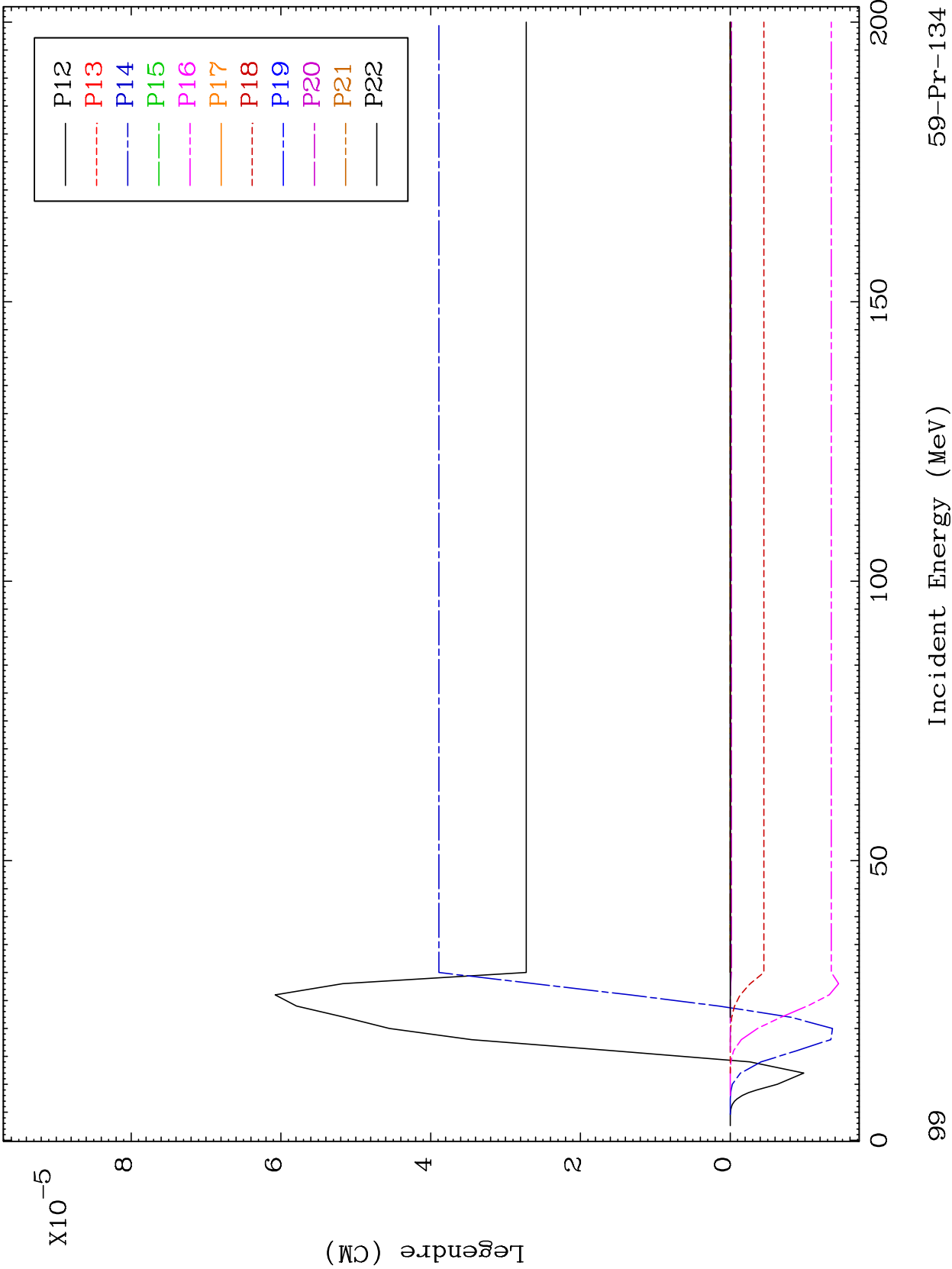
Incident Energy (MeV)

59-Pr-134

MAT 5904

585.4 keV (n,n') Level
Legendre Coefficients

59-Pr-134



99

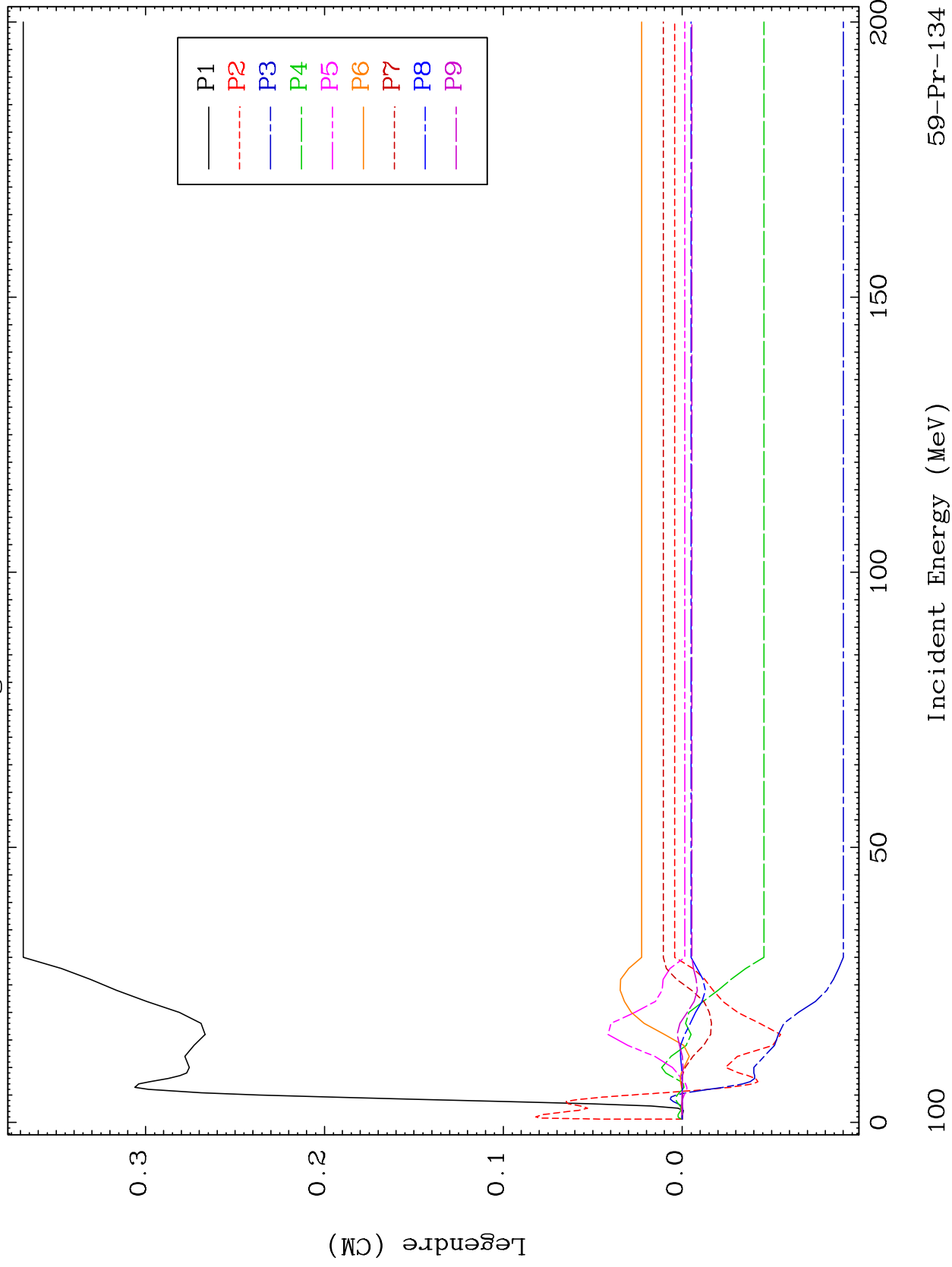
Incident Energy (MeV)

59-Pr-134

MAT 5904

588.0 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

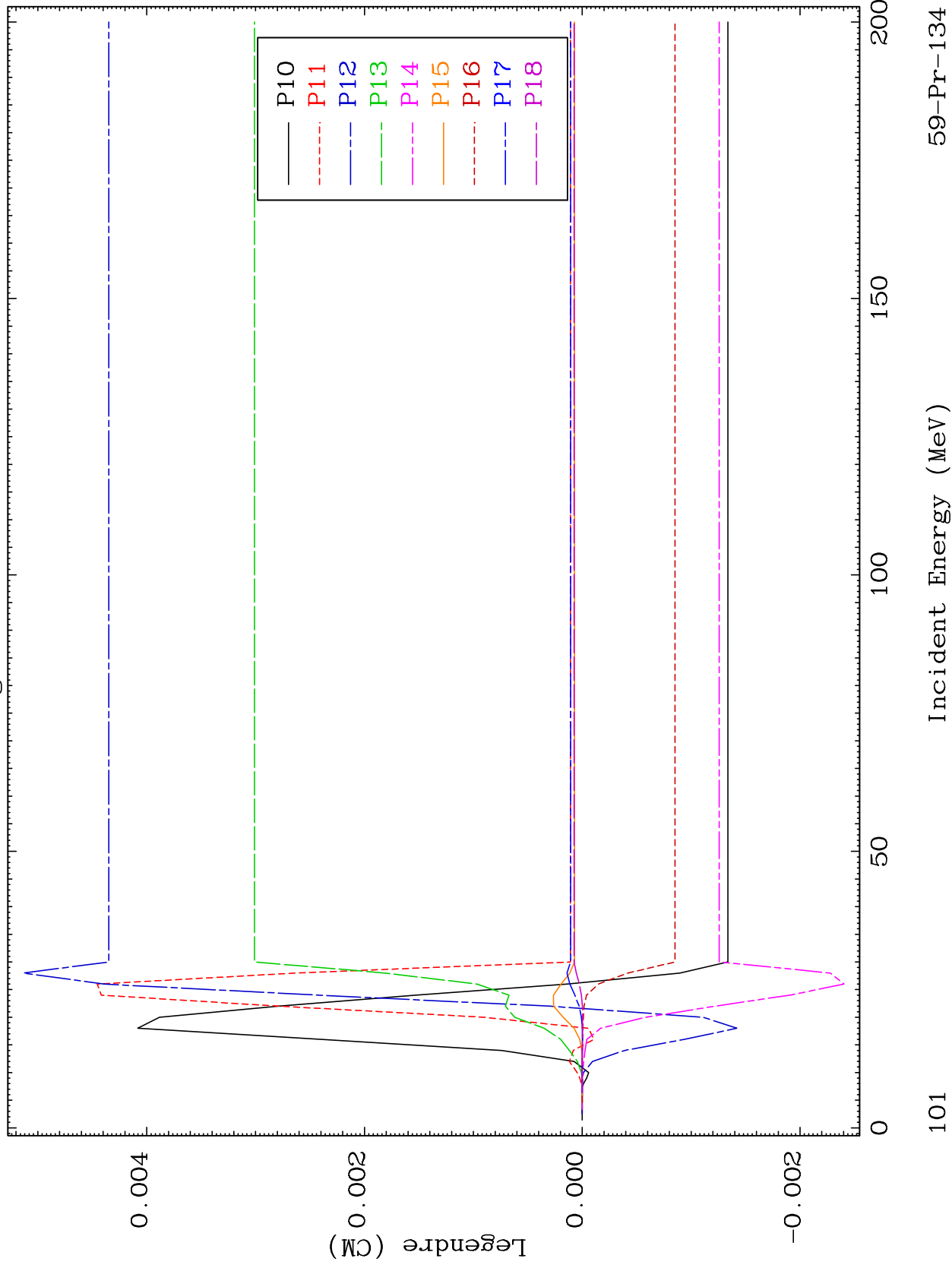
Incident Energy (MeV)

100

MAT 5904

588.0 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

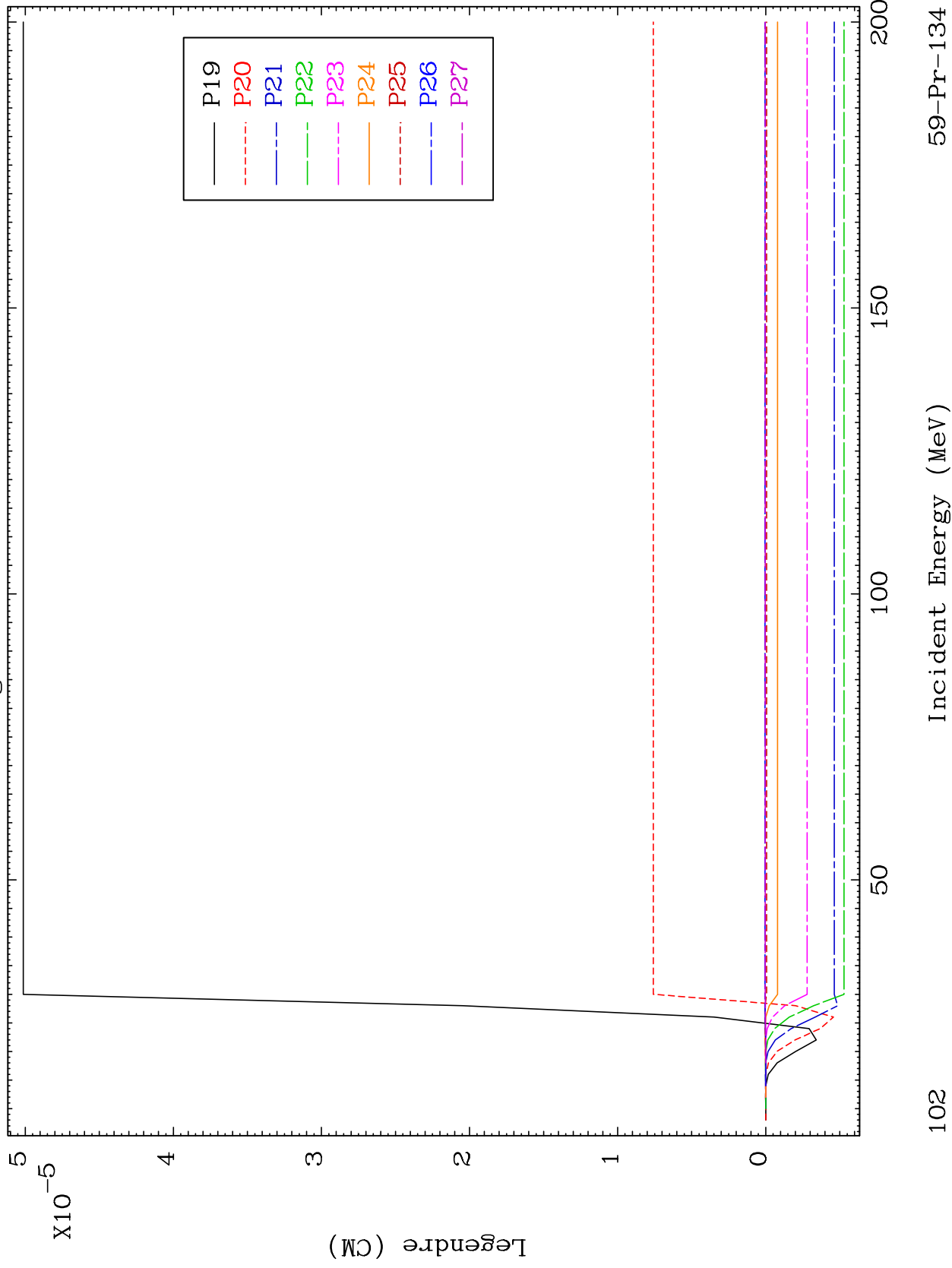
Incident Energy (MeV)

101

MAT 5904

588.0 keV (n,n') Level
Legendre Coefficients

59-Pr-134

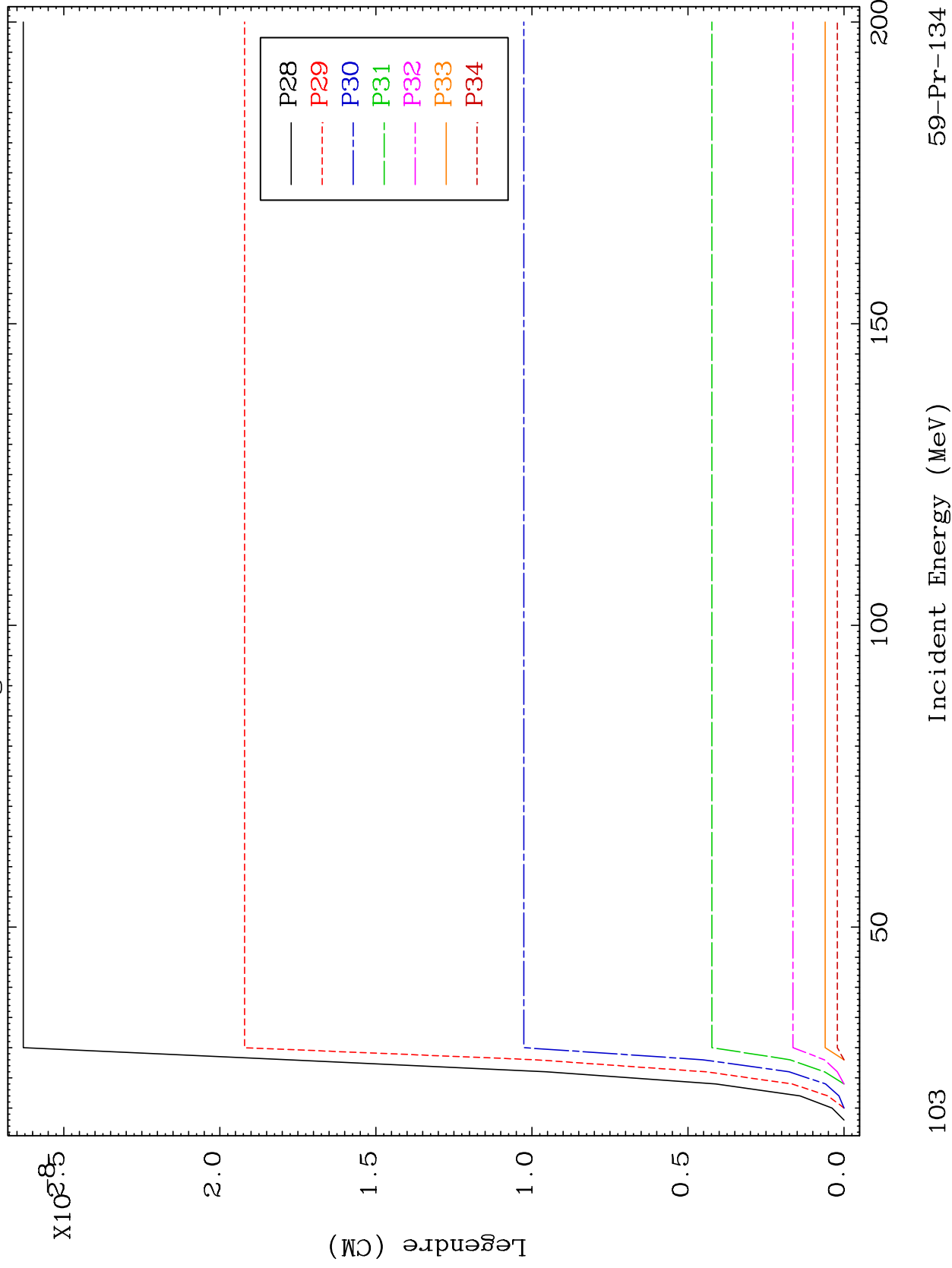


102

MAT 5904

588.0 keV (n,n') Level
Legendre Coefficients

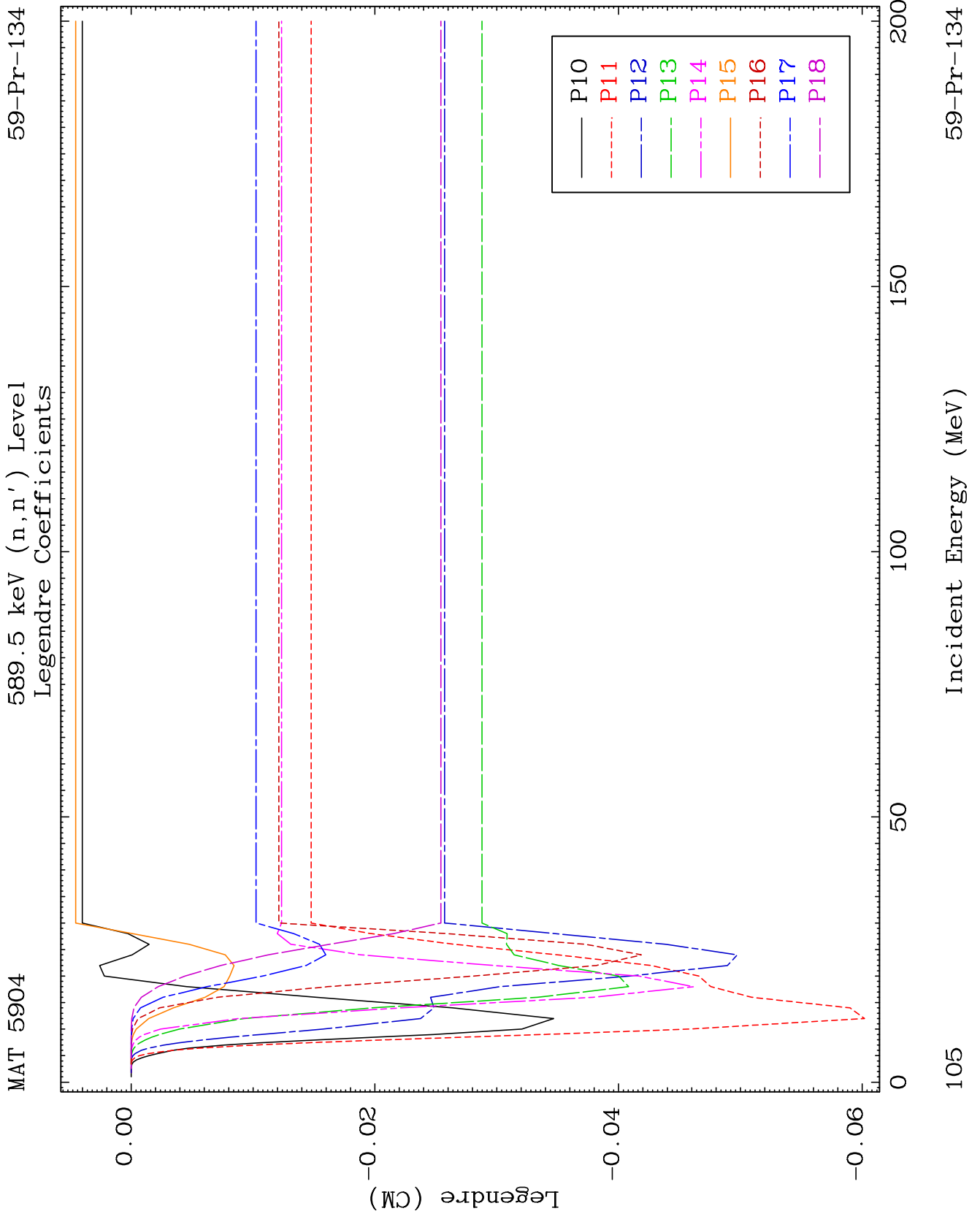
59-Pr-134

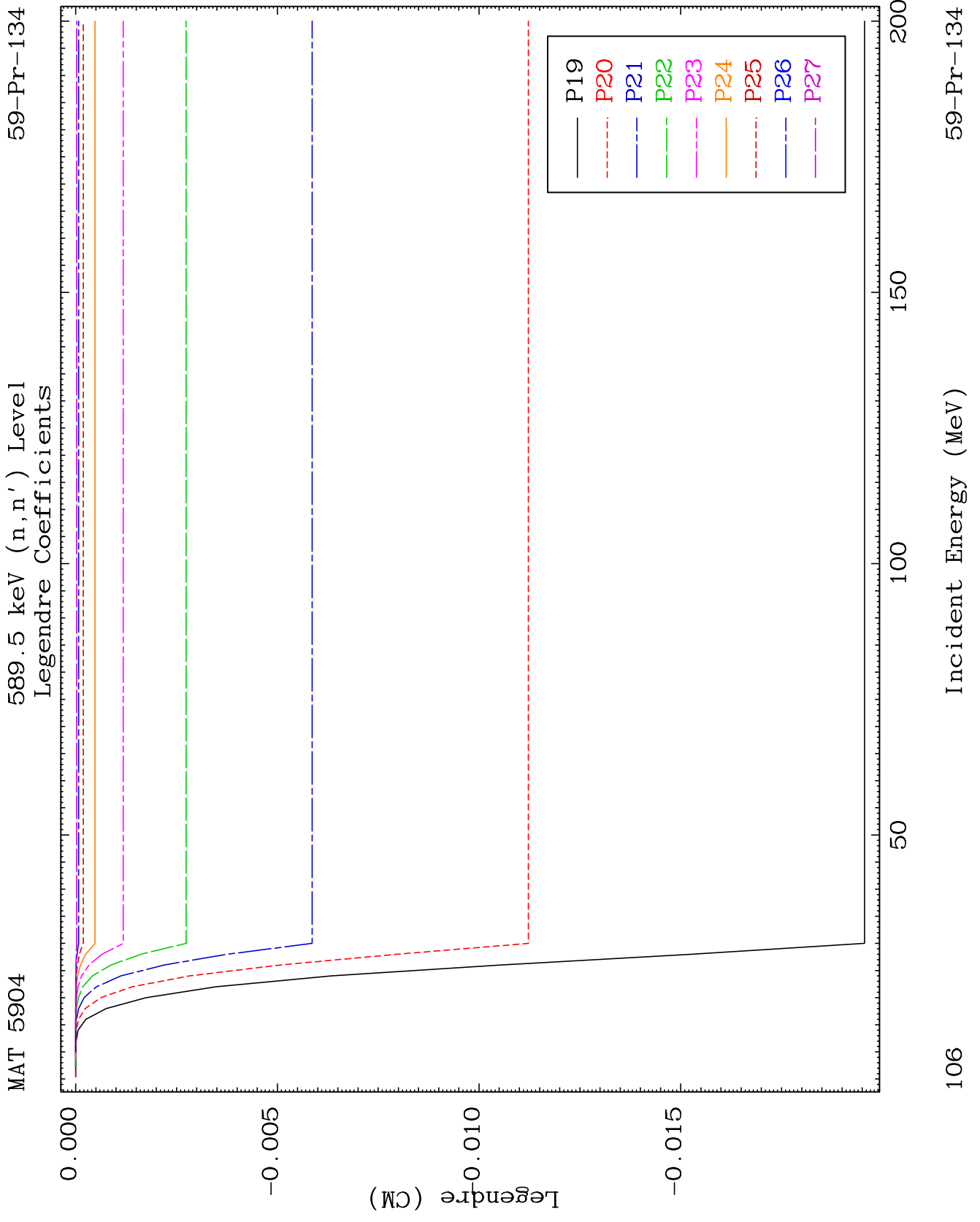


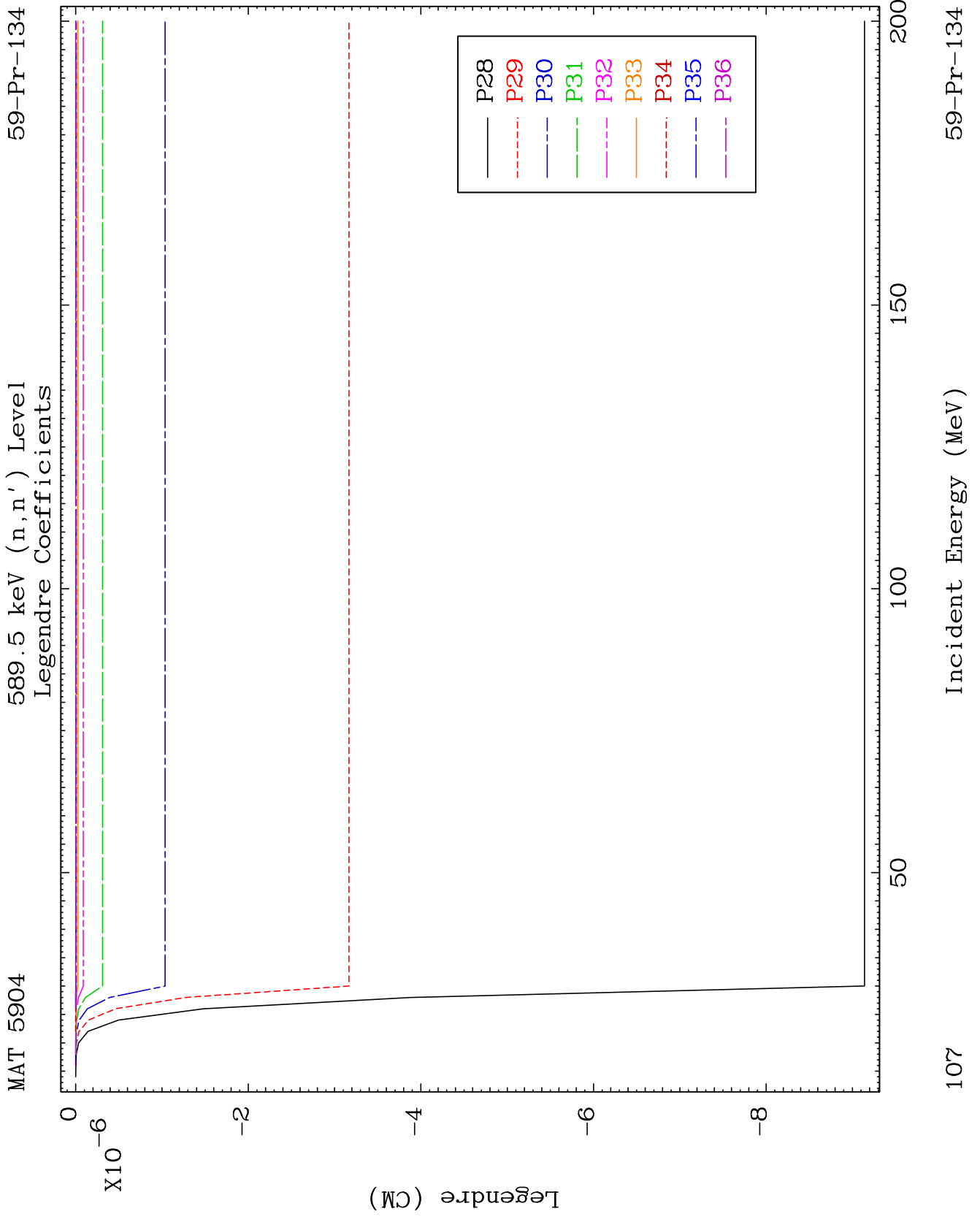
103

Incident Energy (MeV)

59-Pr-134



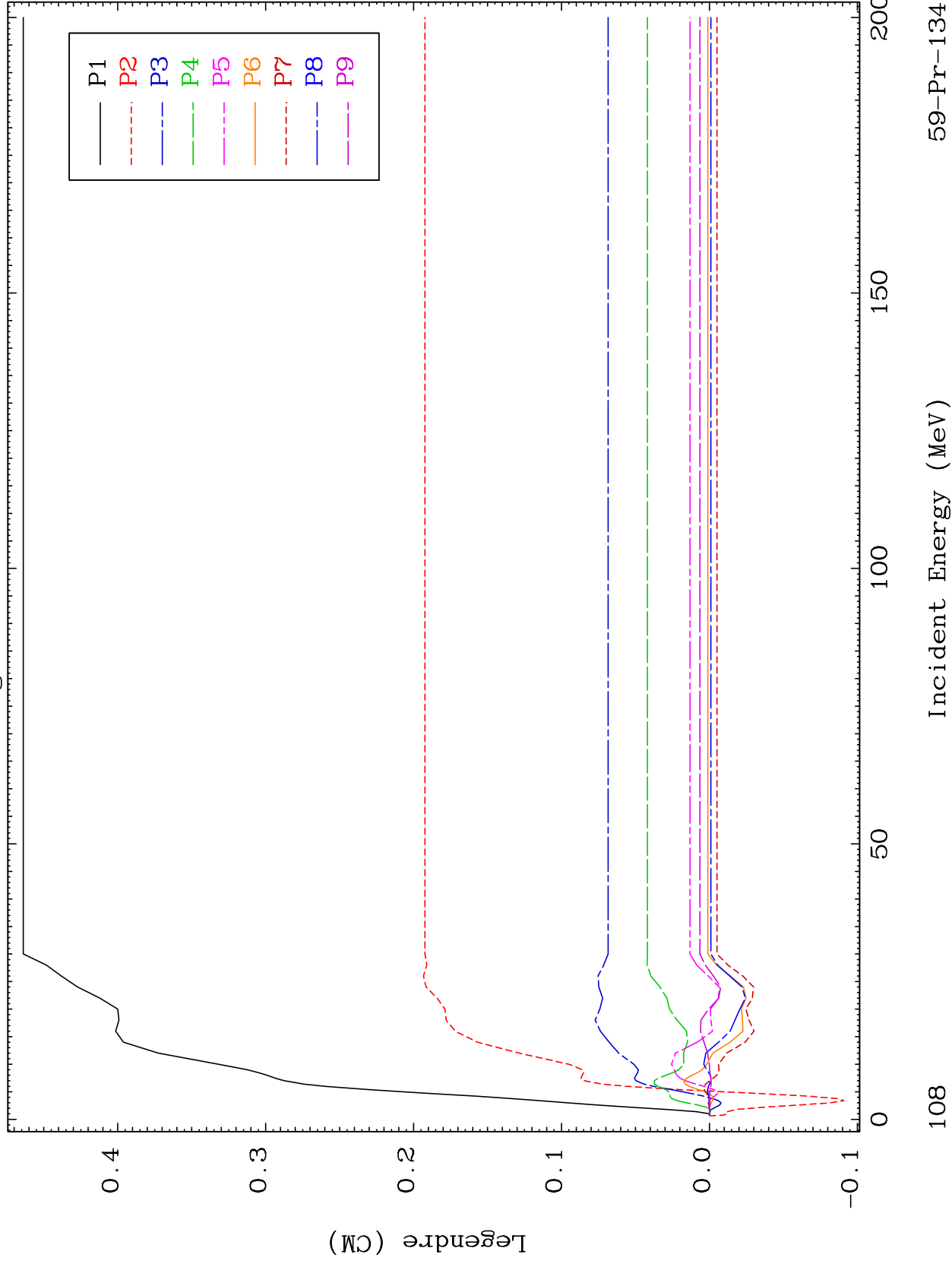




MAT 5904

592.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

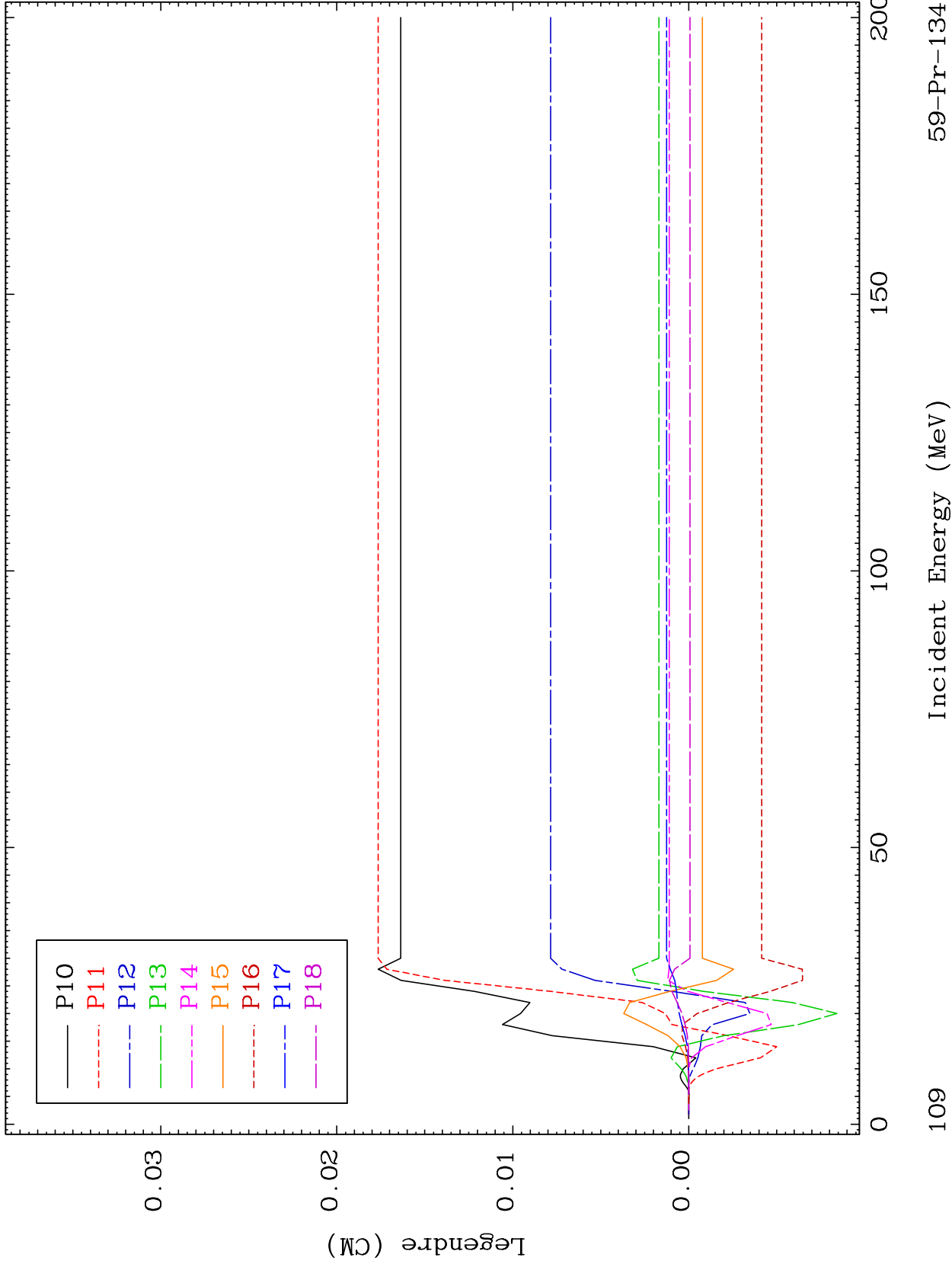
Incident Energy (MeV)

108

MAT 5904

592.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

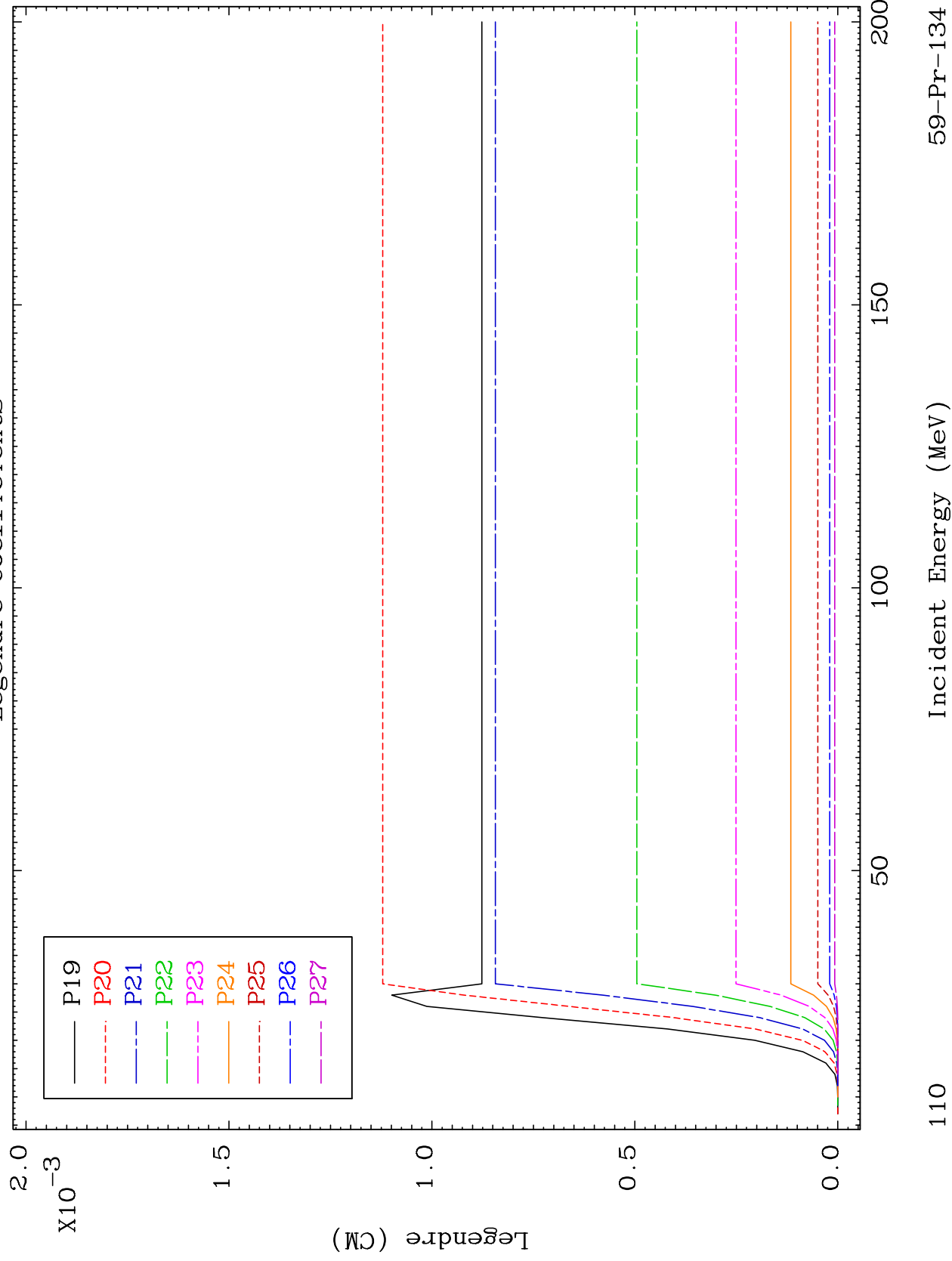
Incident Energy (MeV)

109

MAT 5904

592.8 keV (n,n') Level
Legendre Coefficients

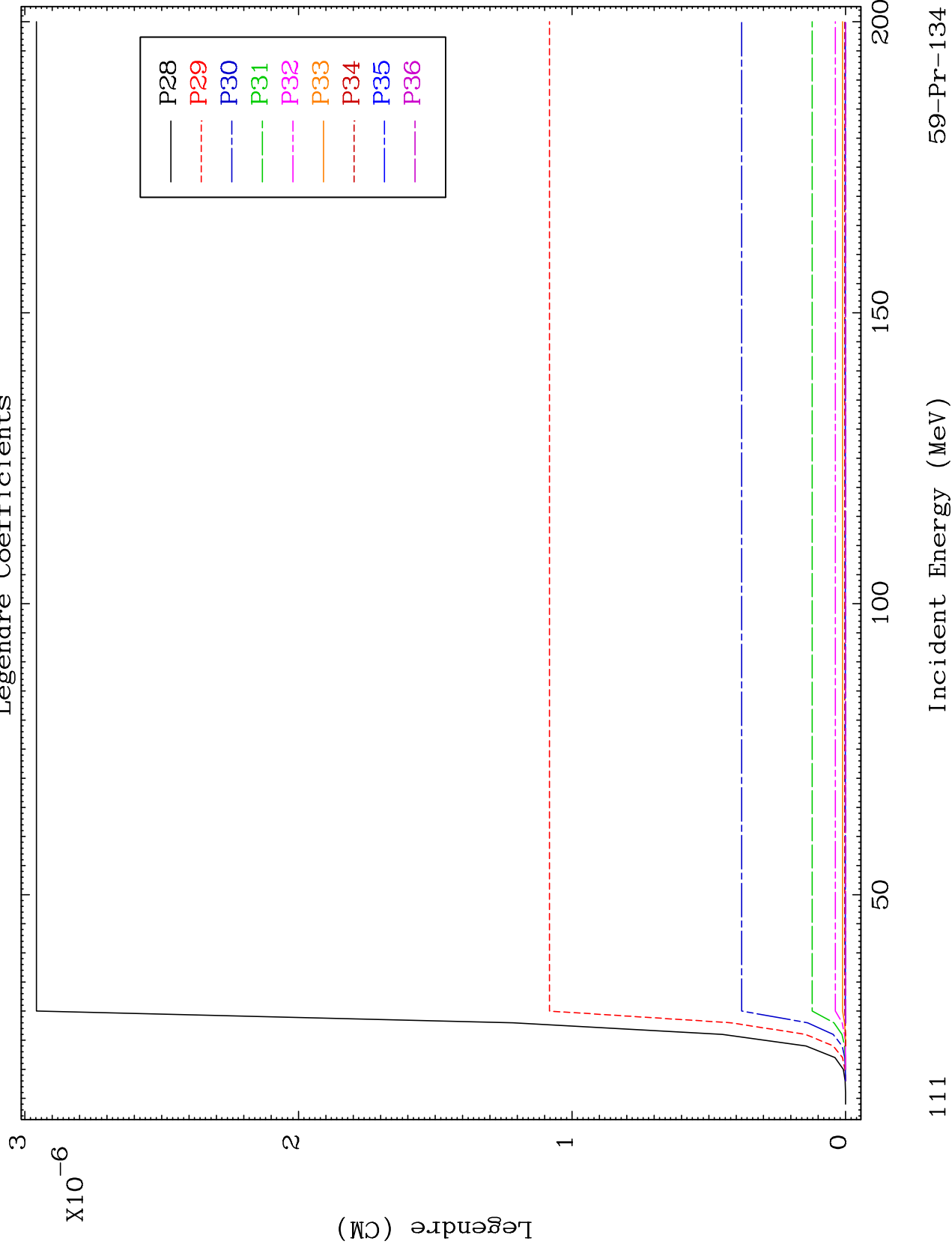
59-Pr-134



MAT 5904

592.8 keV (n,n') Level
Legendre Coefficients

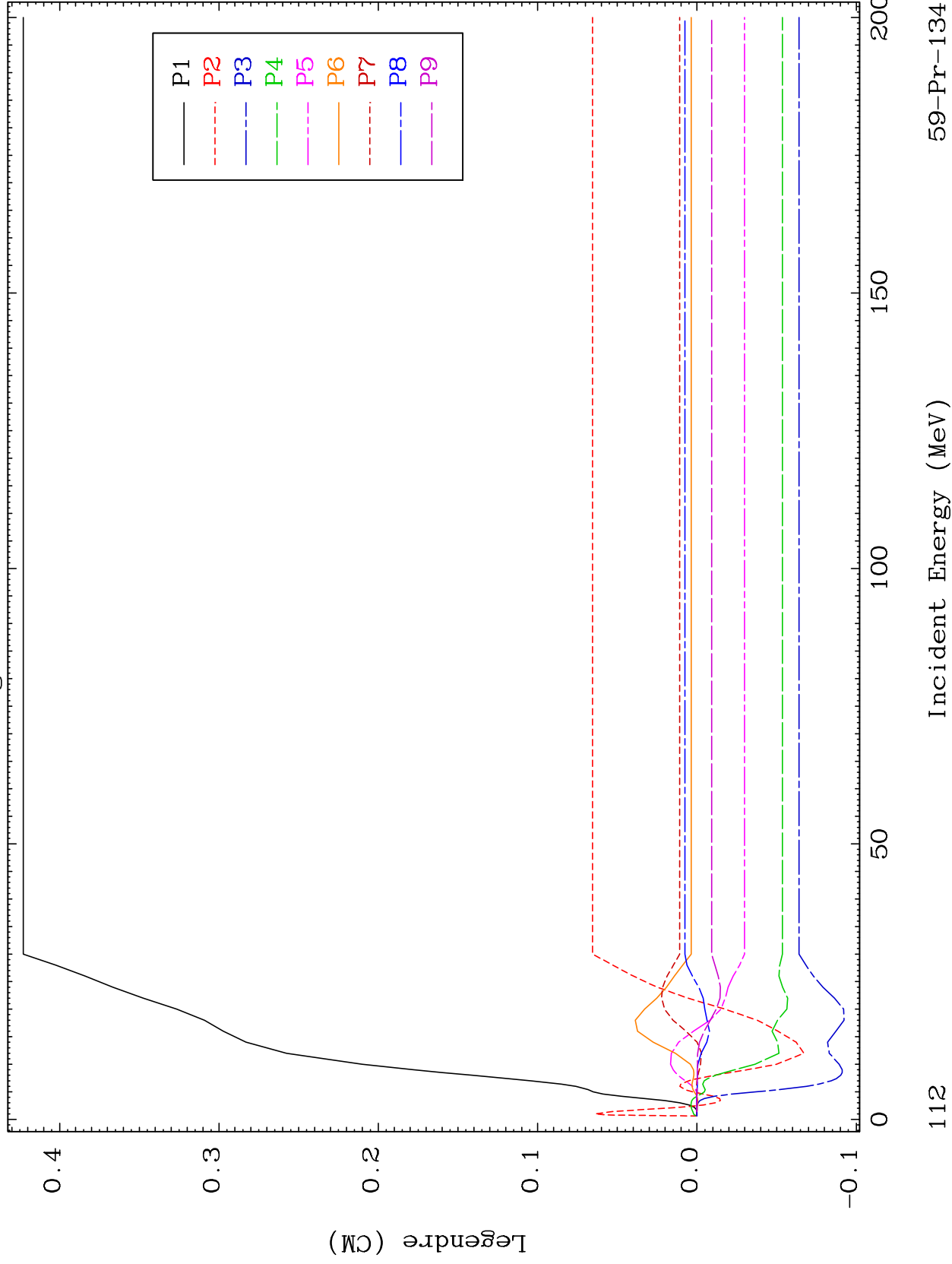
59-Pr-134



MAT 5904

600.9 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

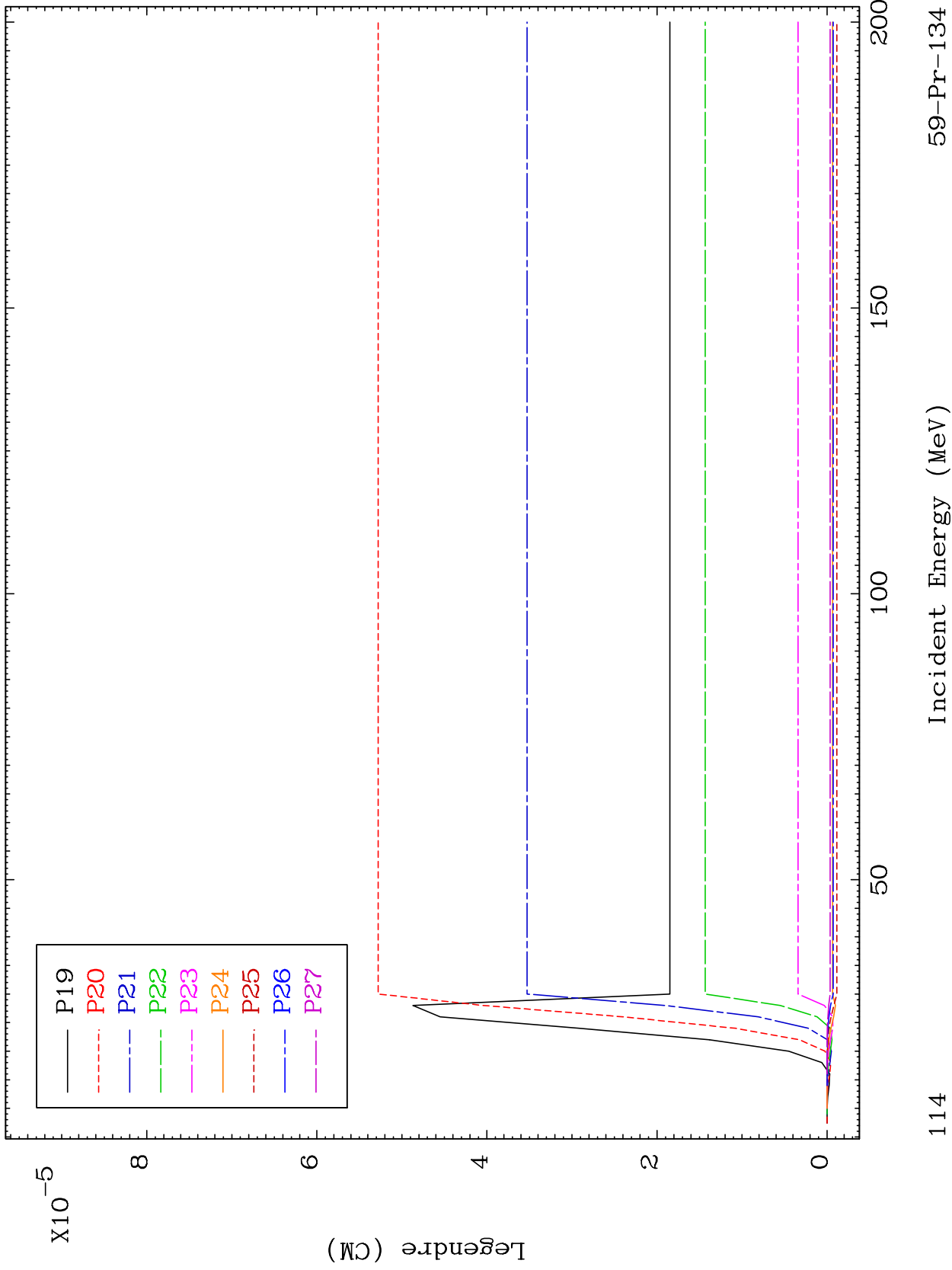
Incident Energy (MeV)

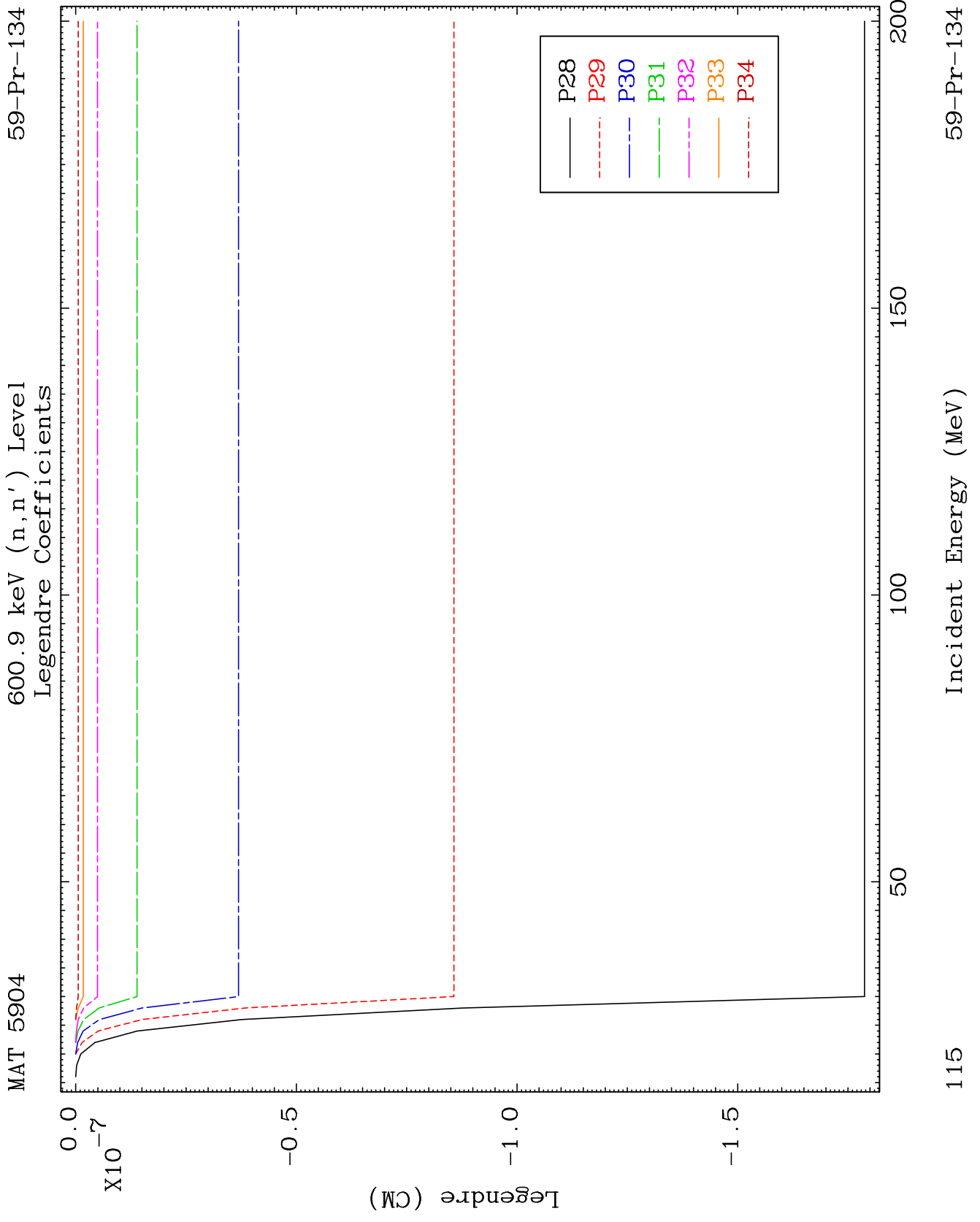
112

MAT 5904

600.9 keV (n, n') Level
Legendre Coefficients

59-Pr-134

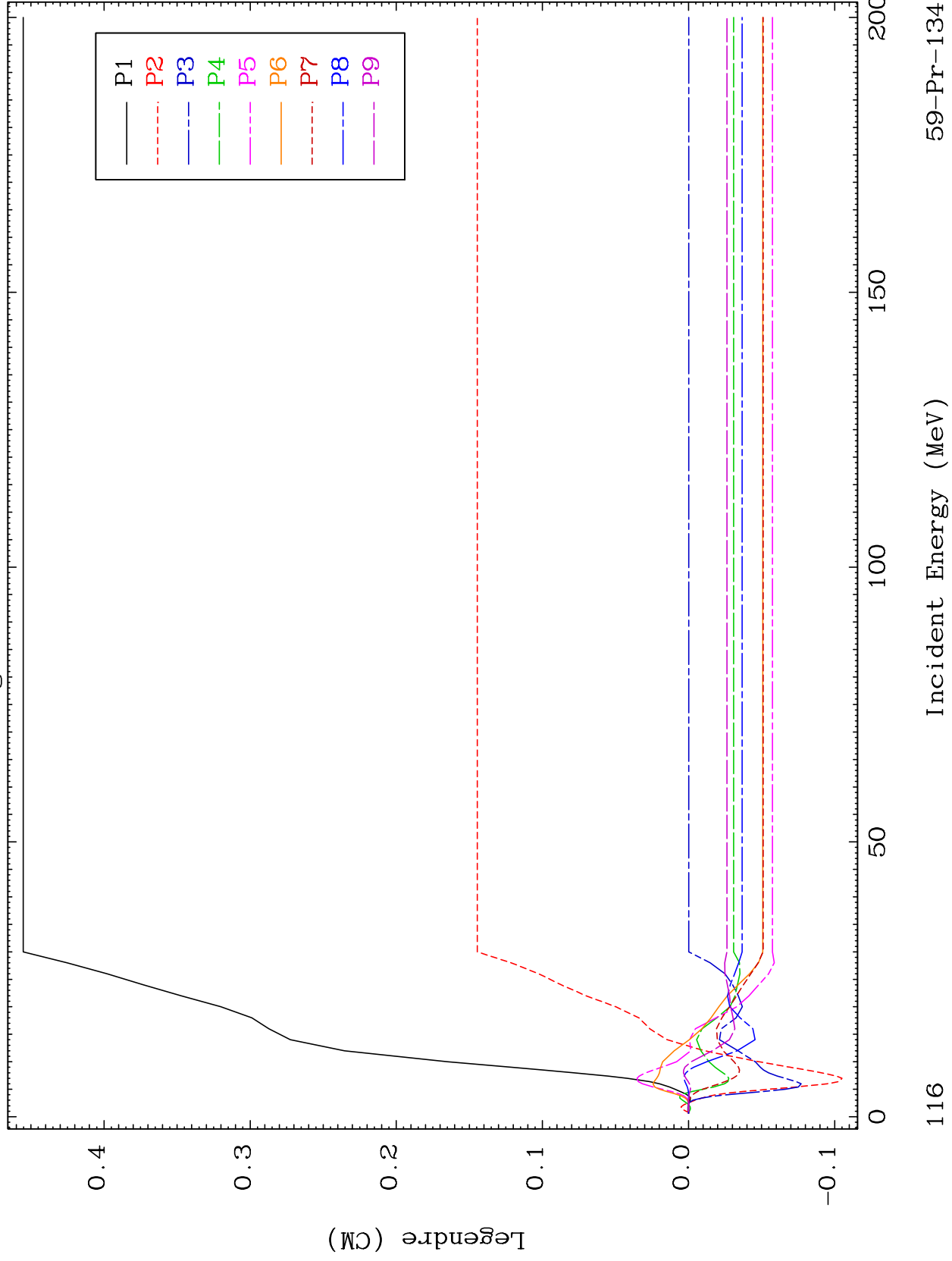




MAT 5904

605.8 keV (n,n') Level
Legendre Coefficients

59-Pr-134



59-Pr-134

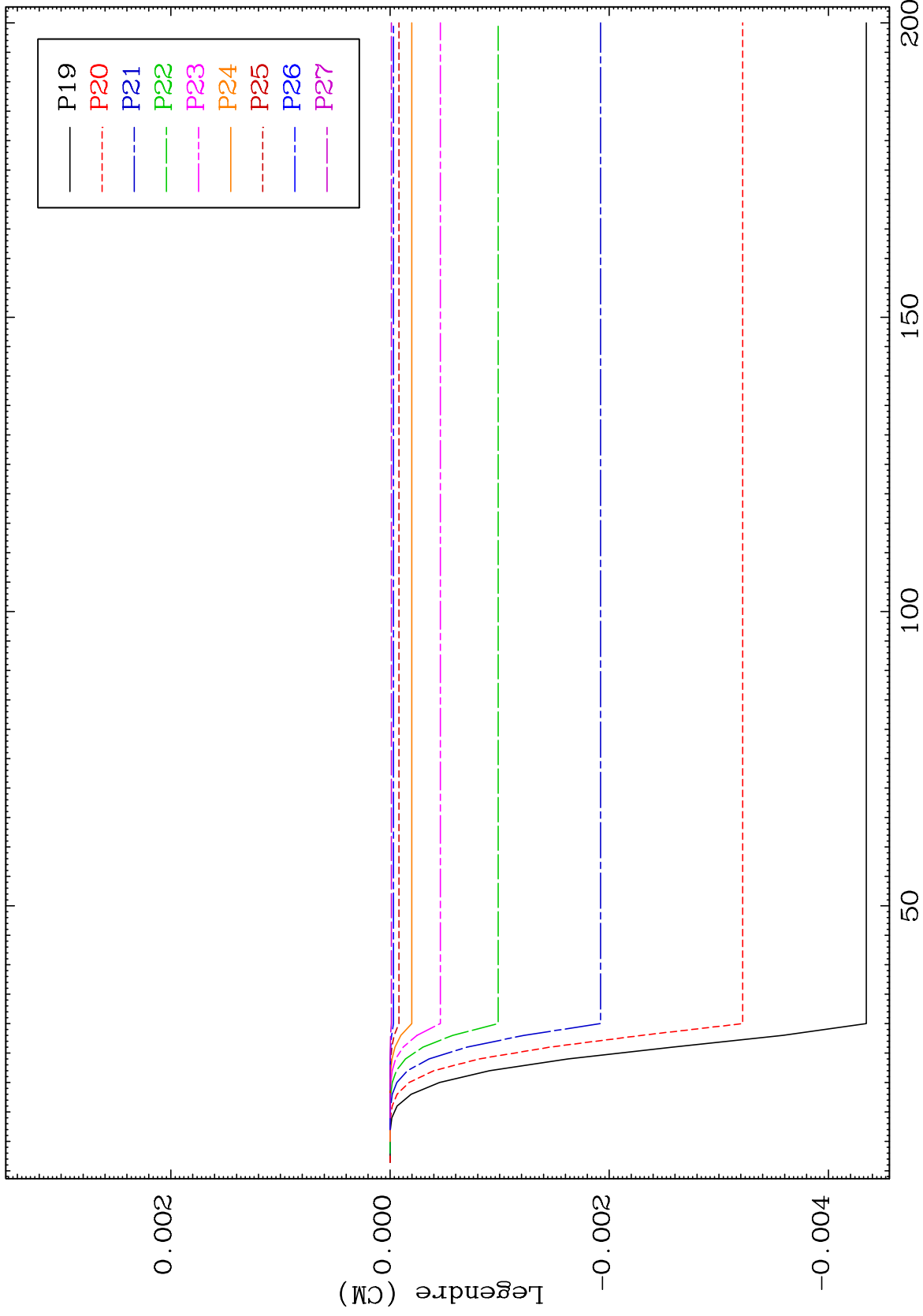
Incident Energy (MeV)

116

MAT 5904

605.8 keV (n,n') Level
Legendre Coefficients

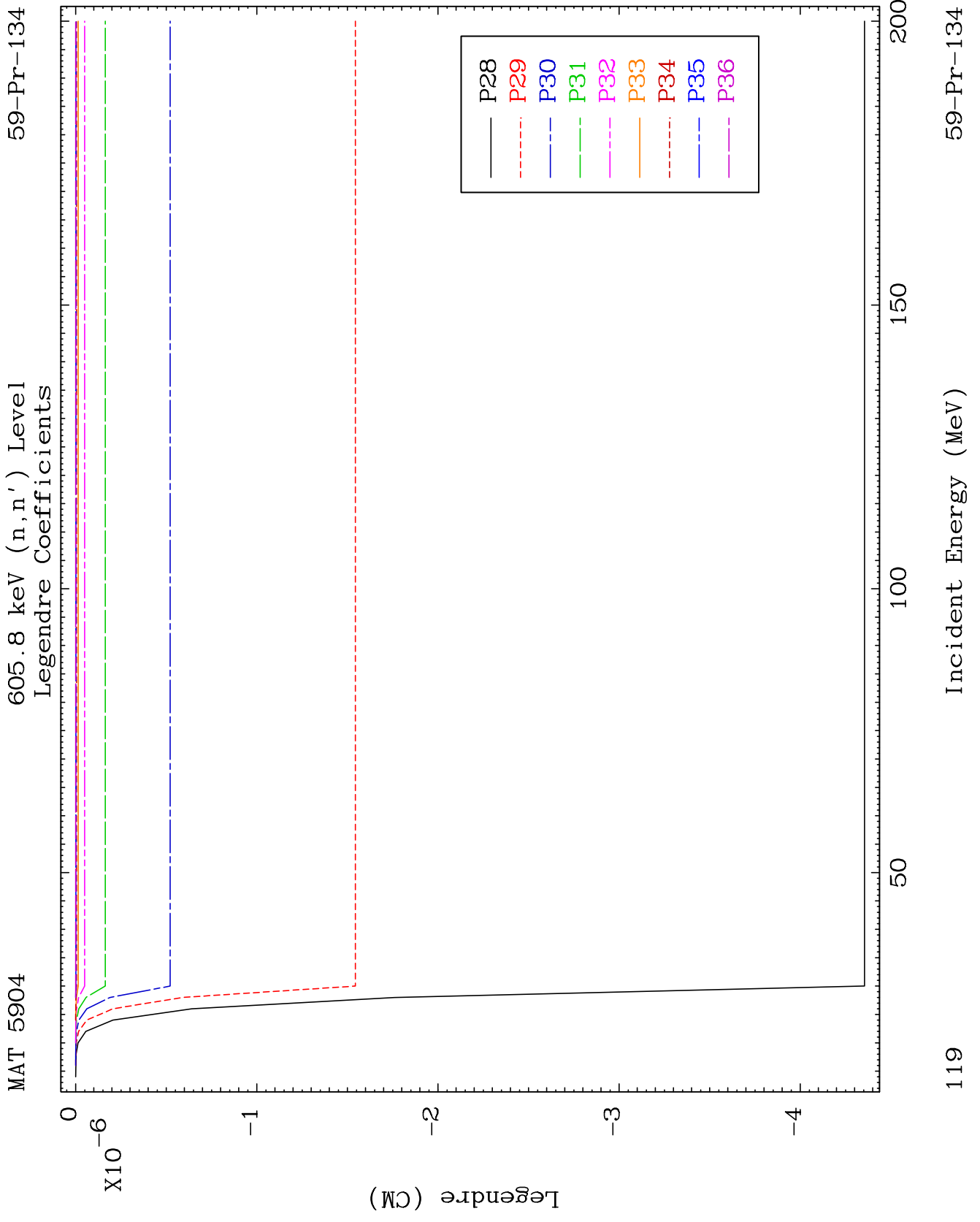
59-Pr-134



118

Incident Energy (MeV)

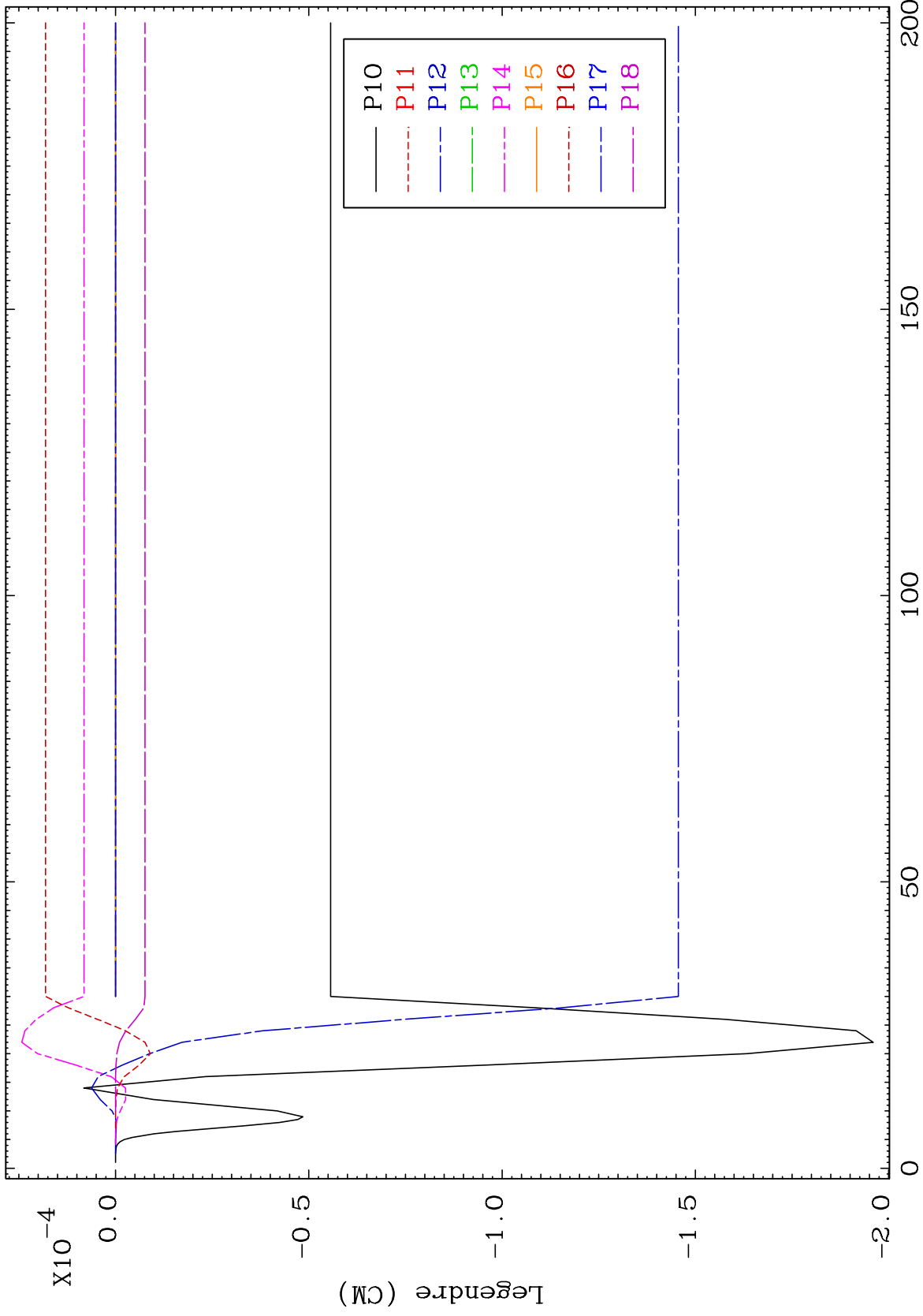
59-Pr-134



MAT 5904

612.0 keV (n,n') Level
Legendre Coefficients

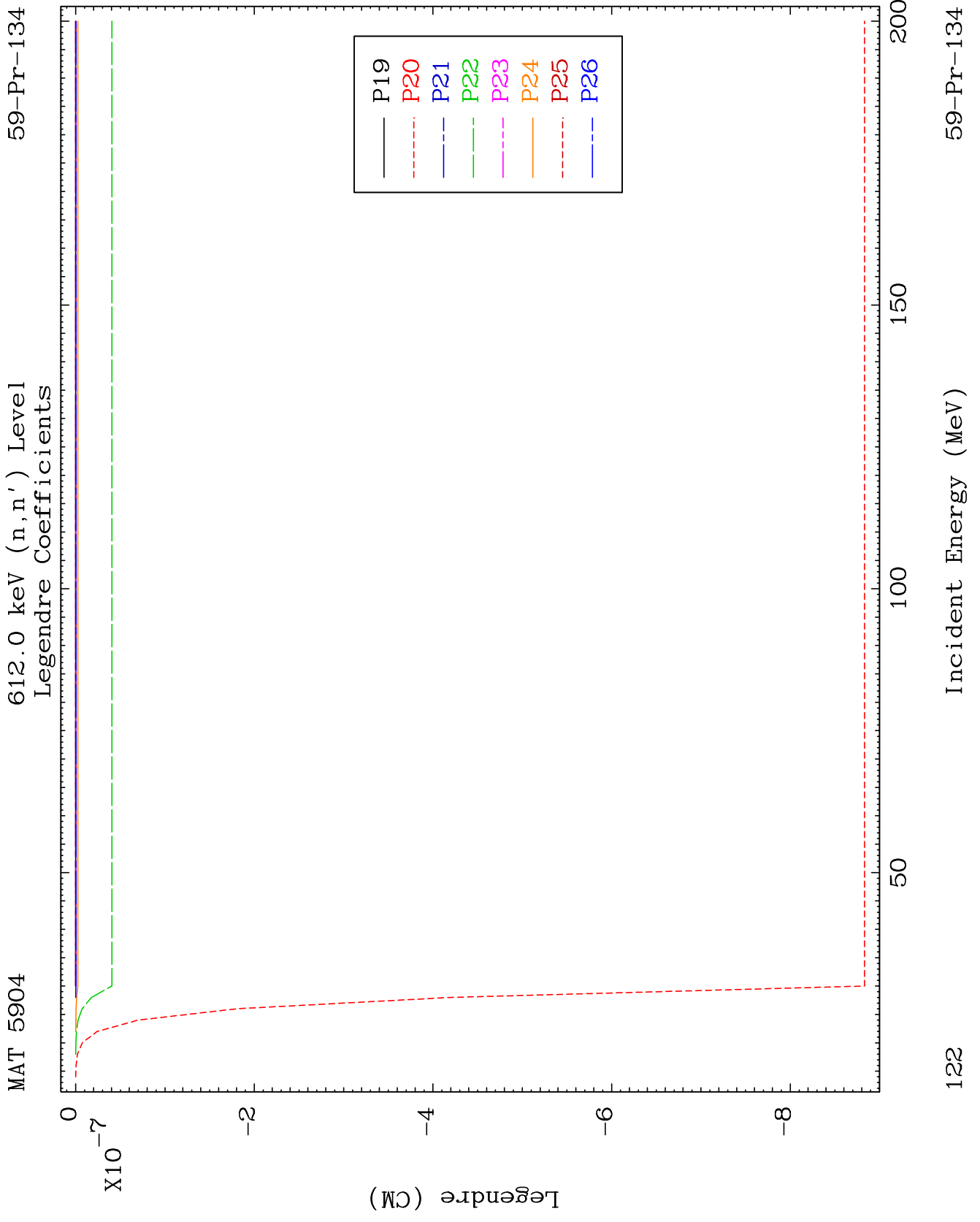
59-Pr-134

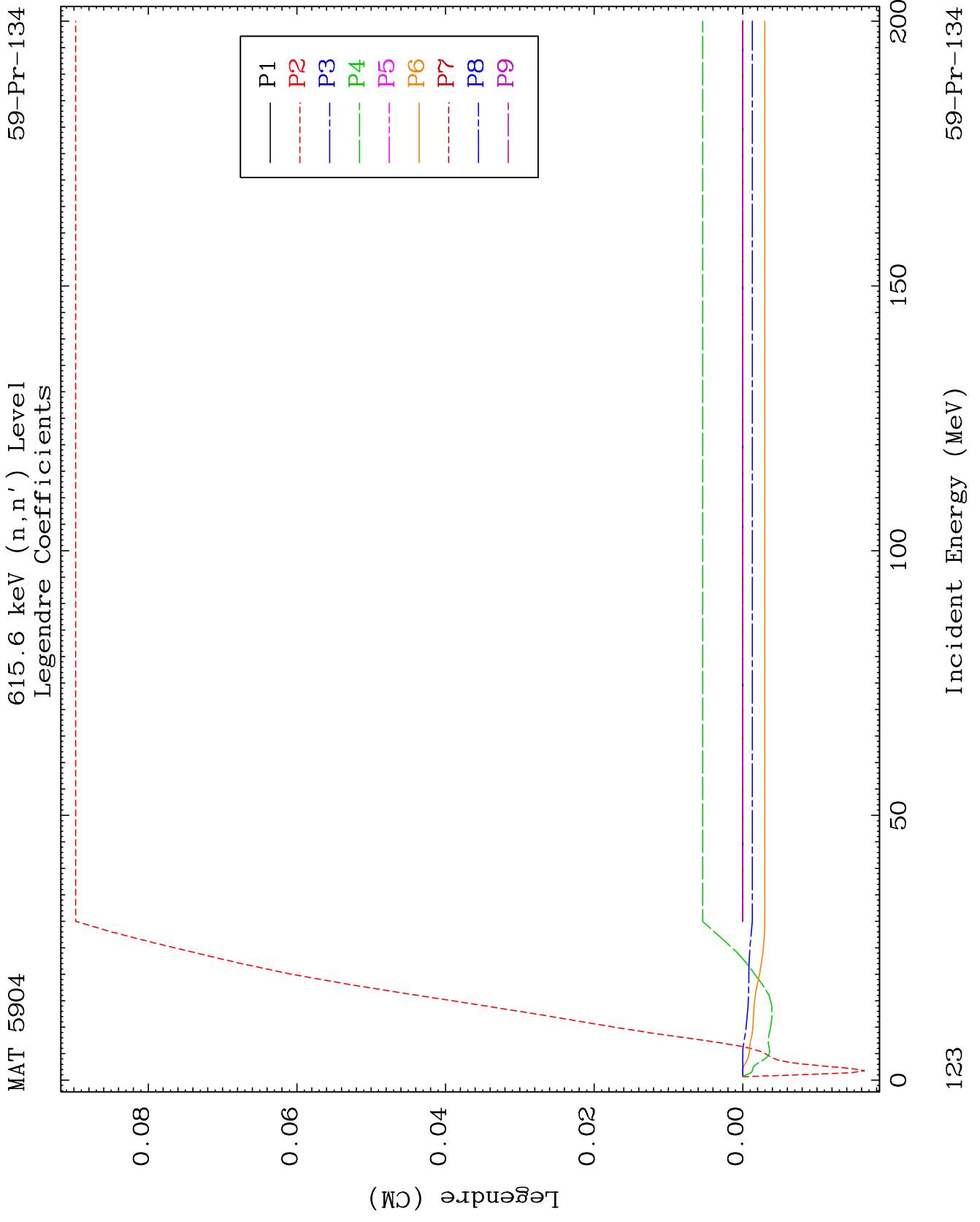


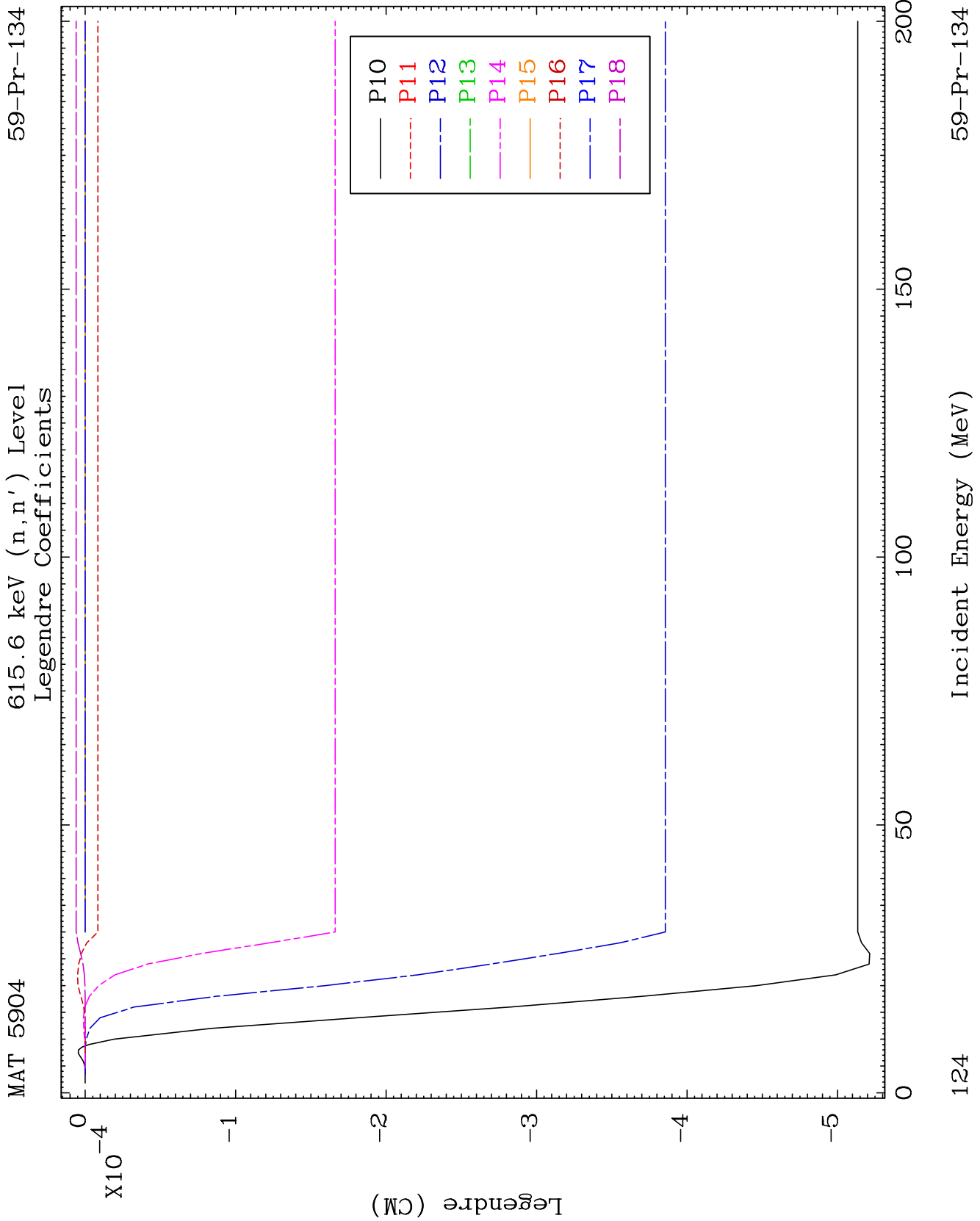
121

Incident Energy (MeV)

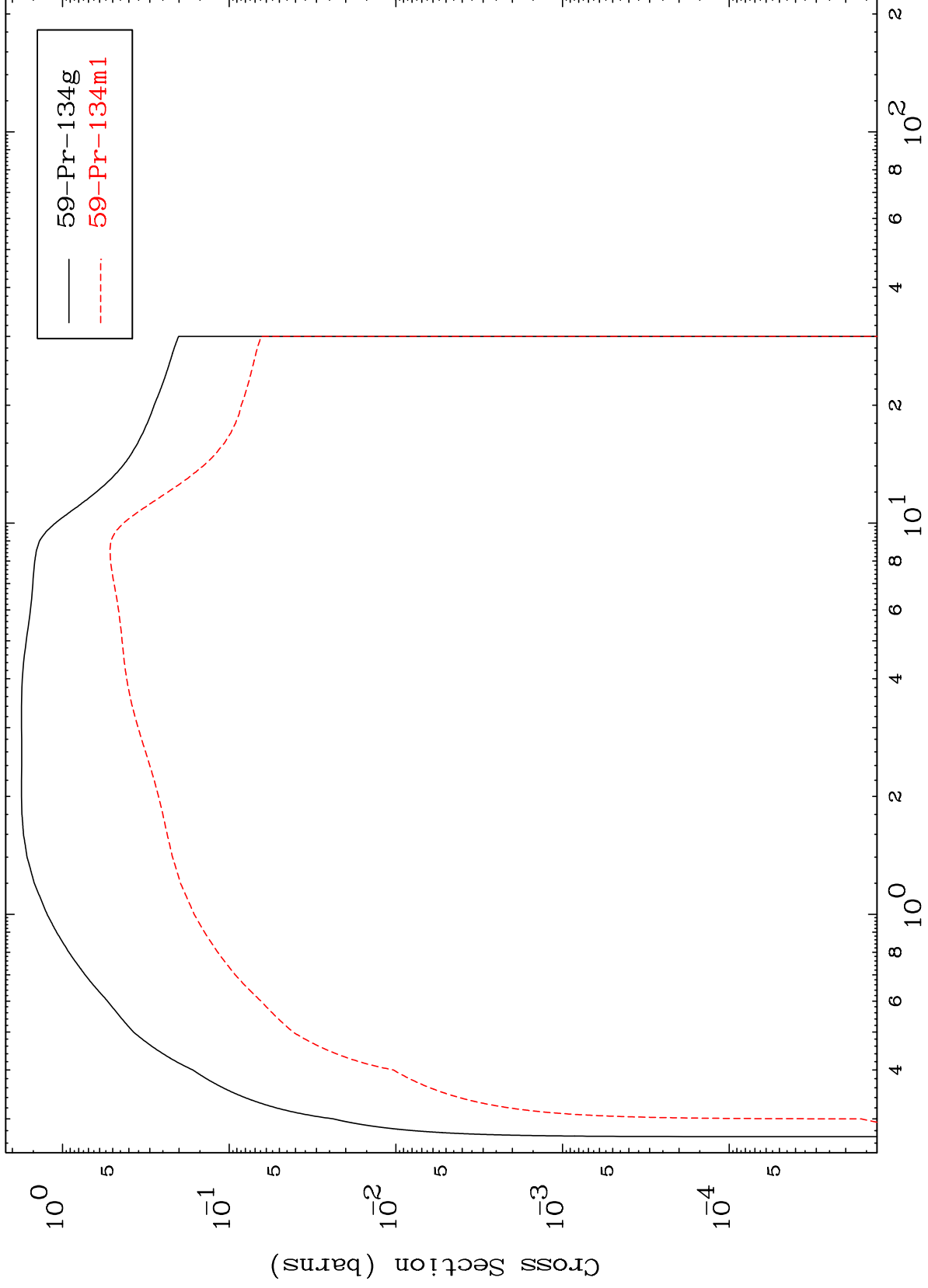
59-Pr-134







Inelastic
Radionuclide Production Cross Section

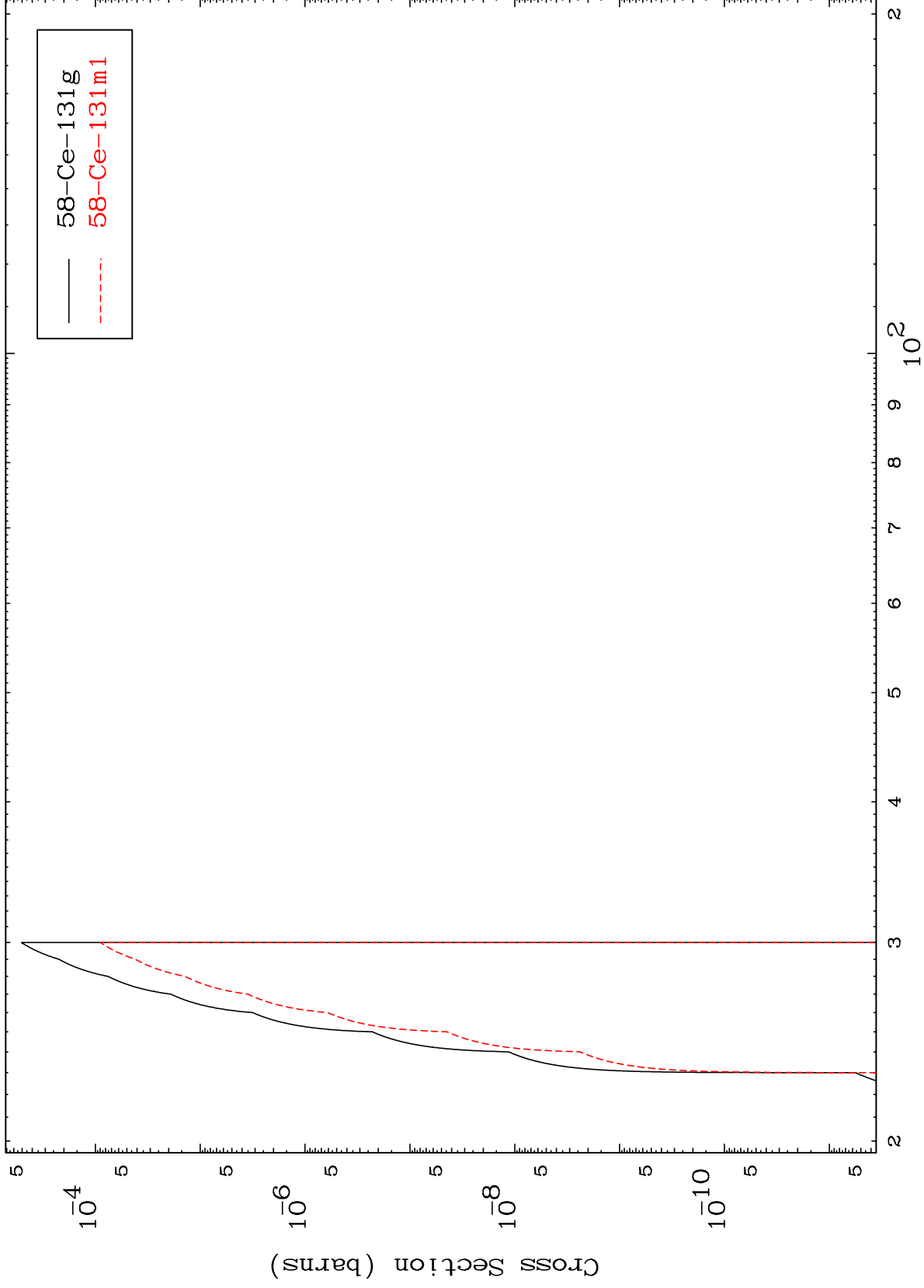


MAT 5904

(n,2n) d

59-Pr-134

Radionuclide Production Cross Section



127

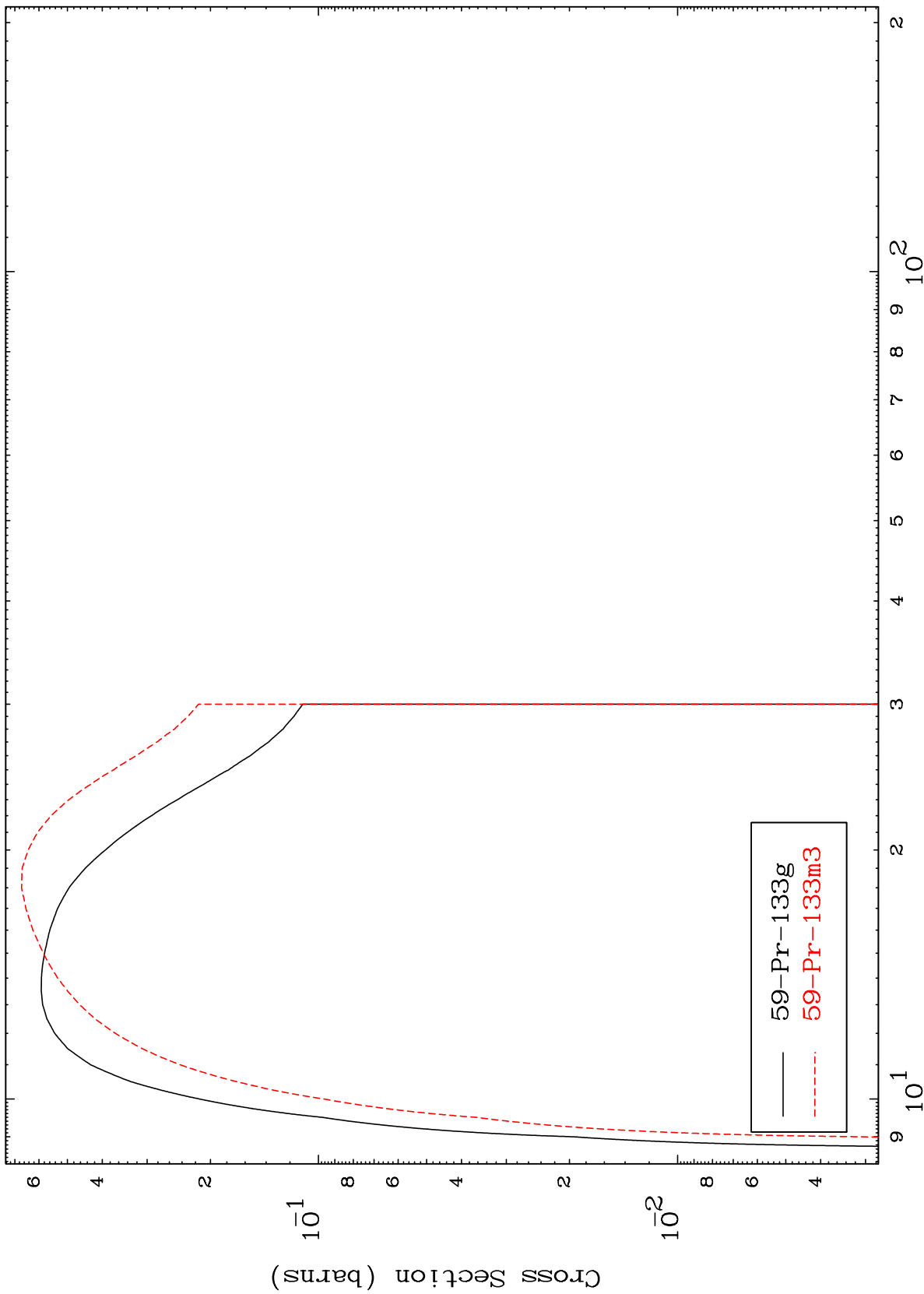
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,2n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

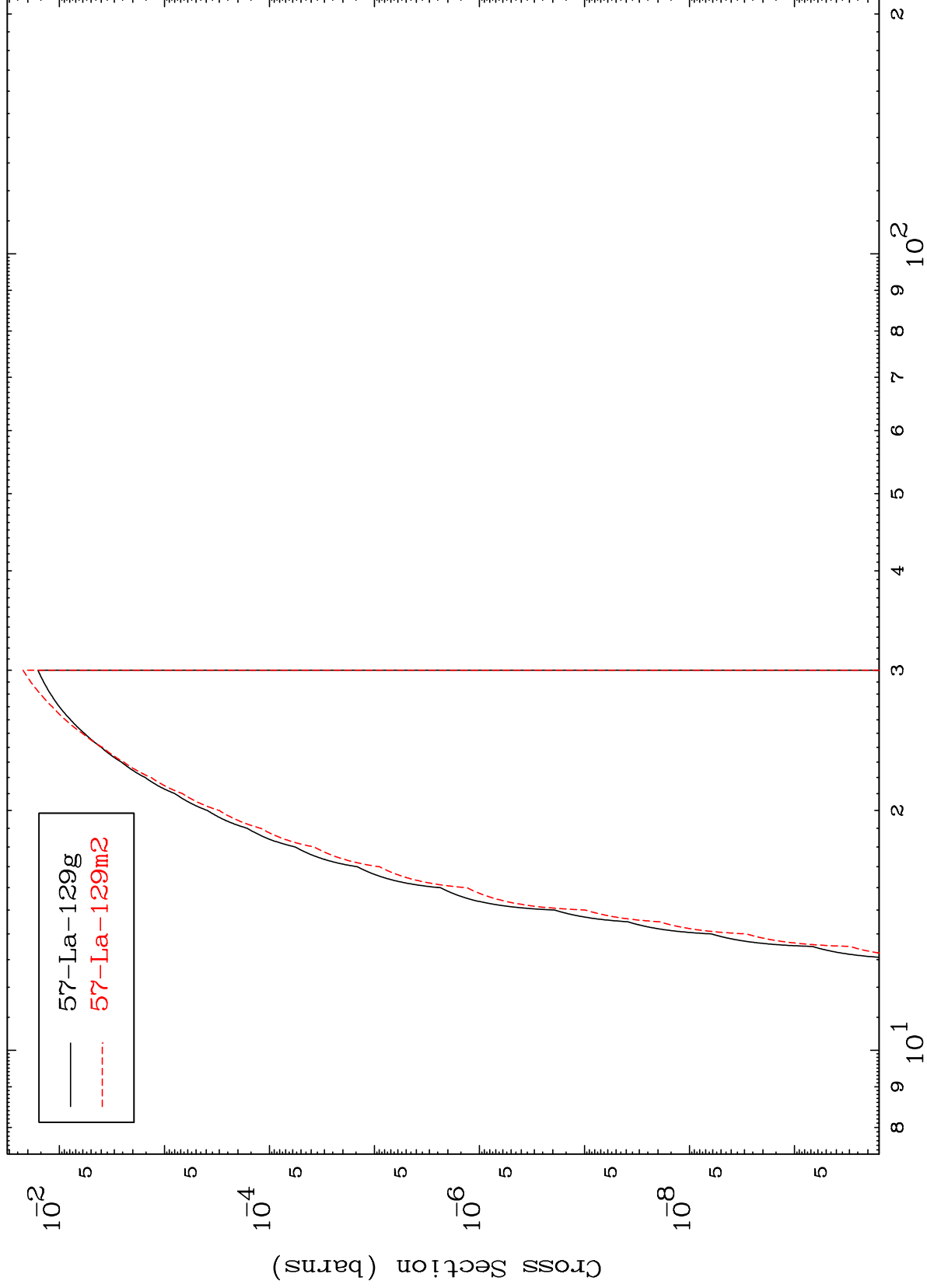
59-Pr-134

MAT 5904

(n,2n) α

59-Pr-134

Radionuclide Production Cross Section



129

Incident Energy (MeV)

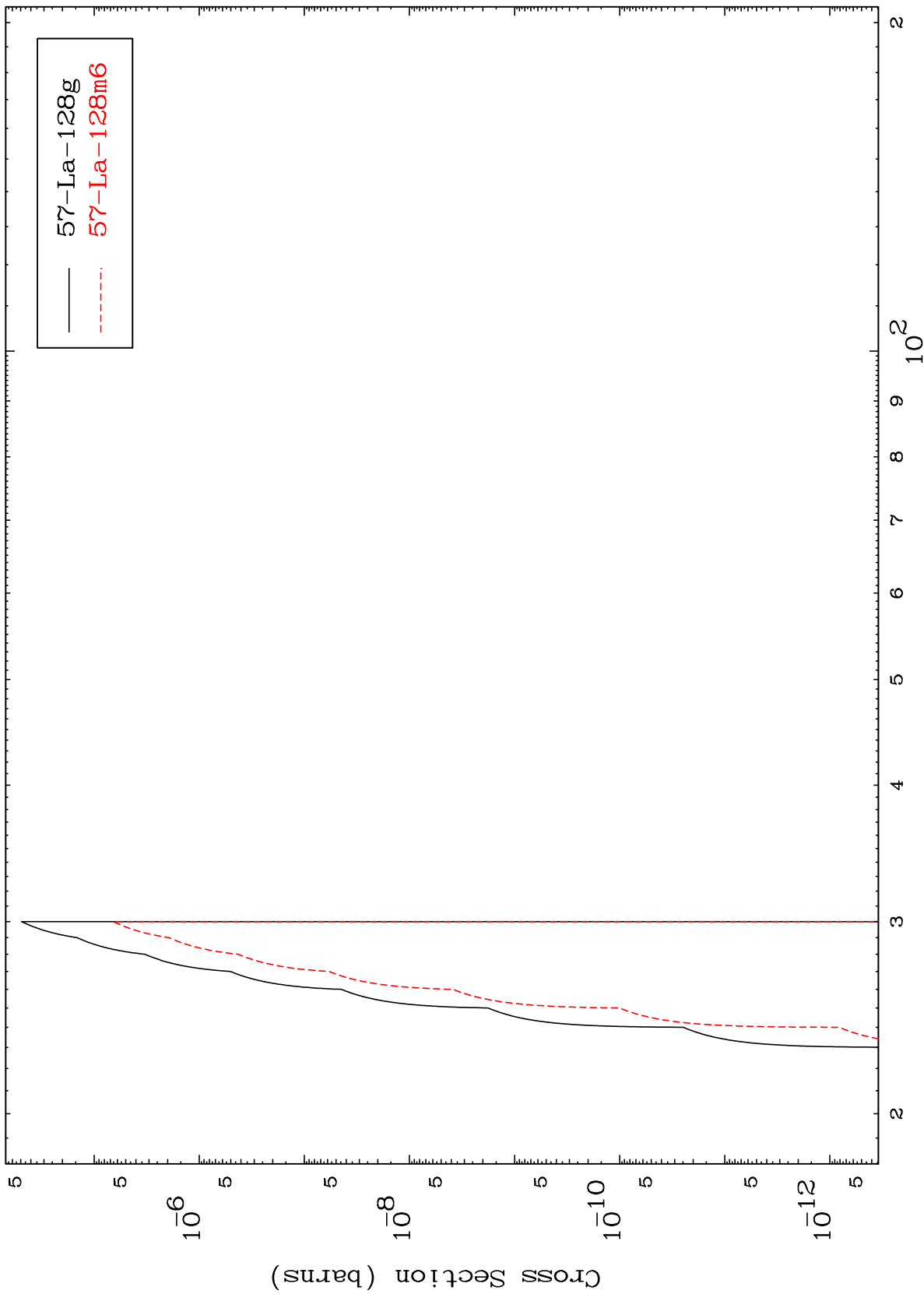
59-Pr-134

MAT 5904

(n,3n) α

59-Pr-134

Radionuclide Production Cross Section



130

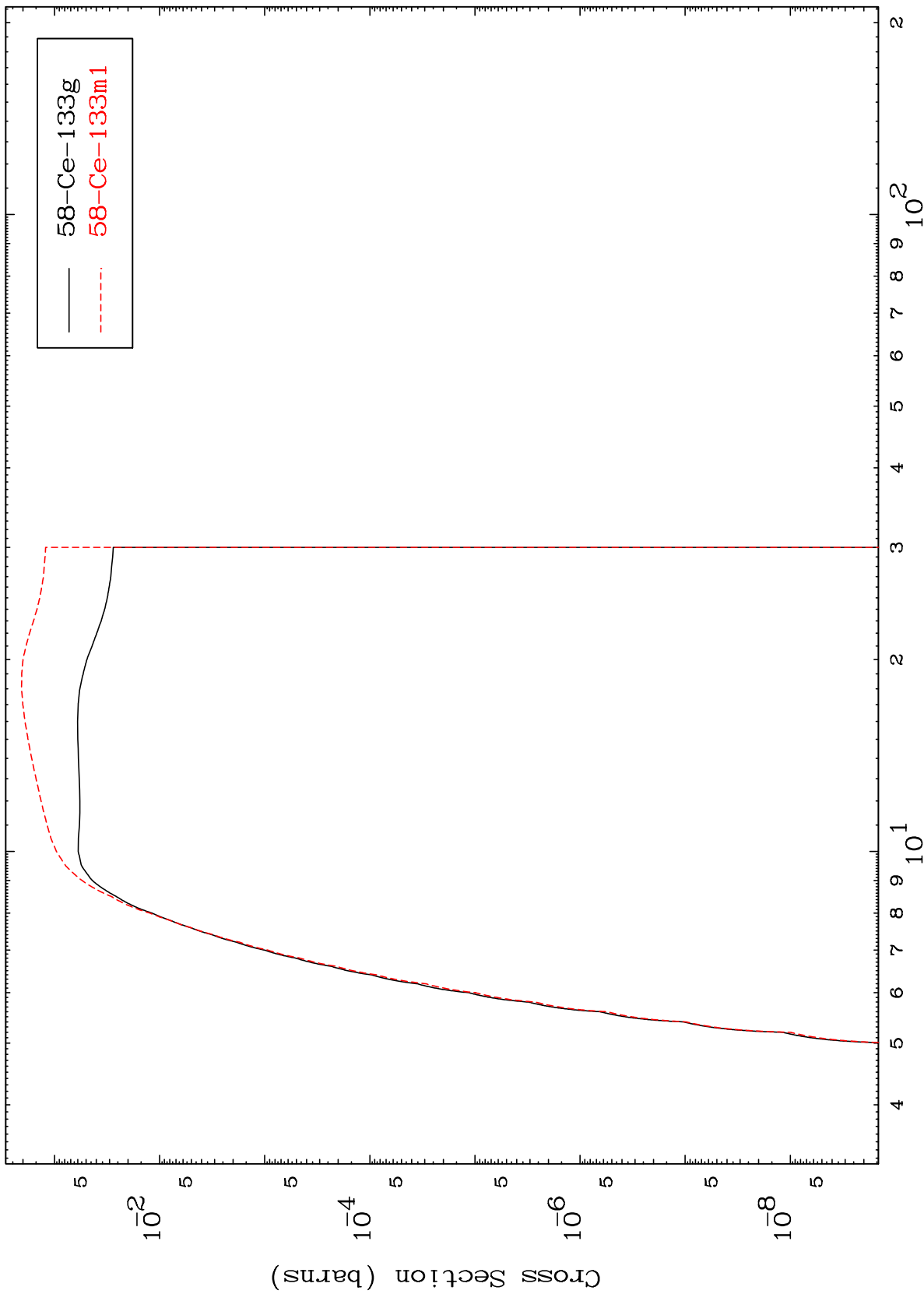
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,n') p
Radionuclide Production Cross Section

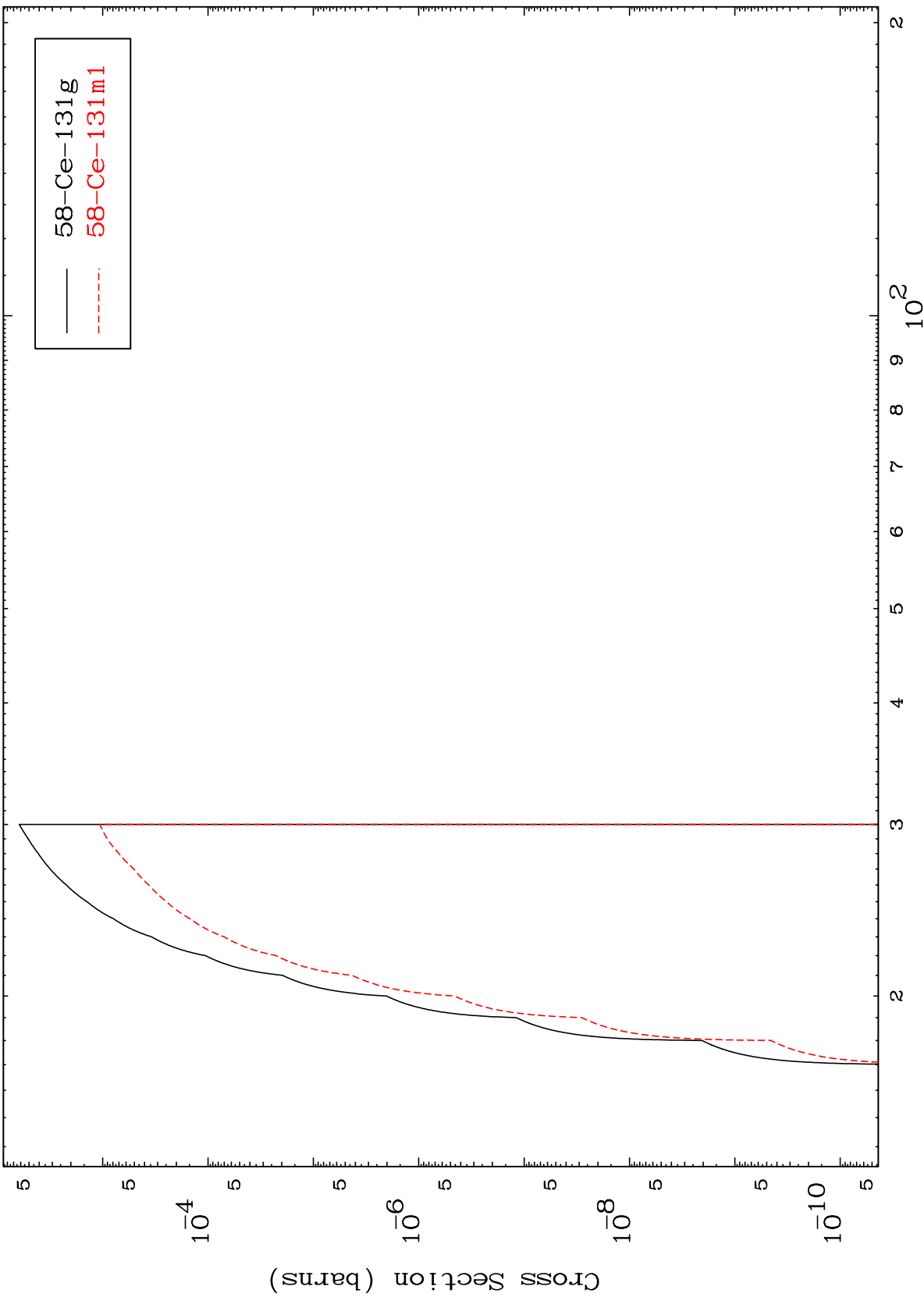


131

Incident Energy (MeV)

59-Pr-134

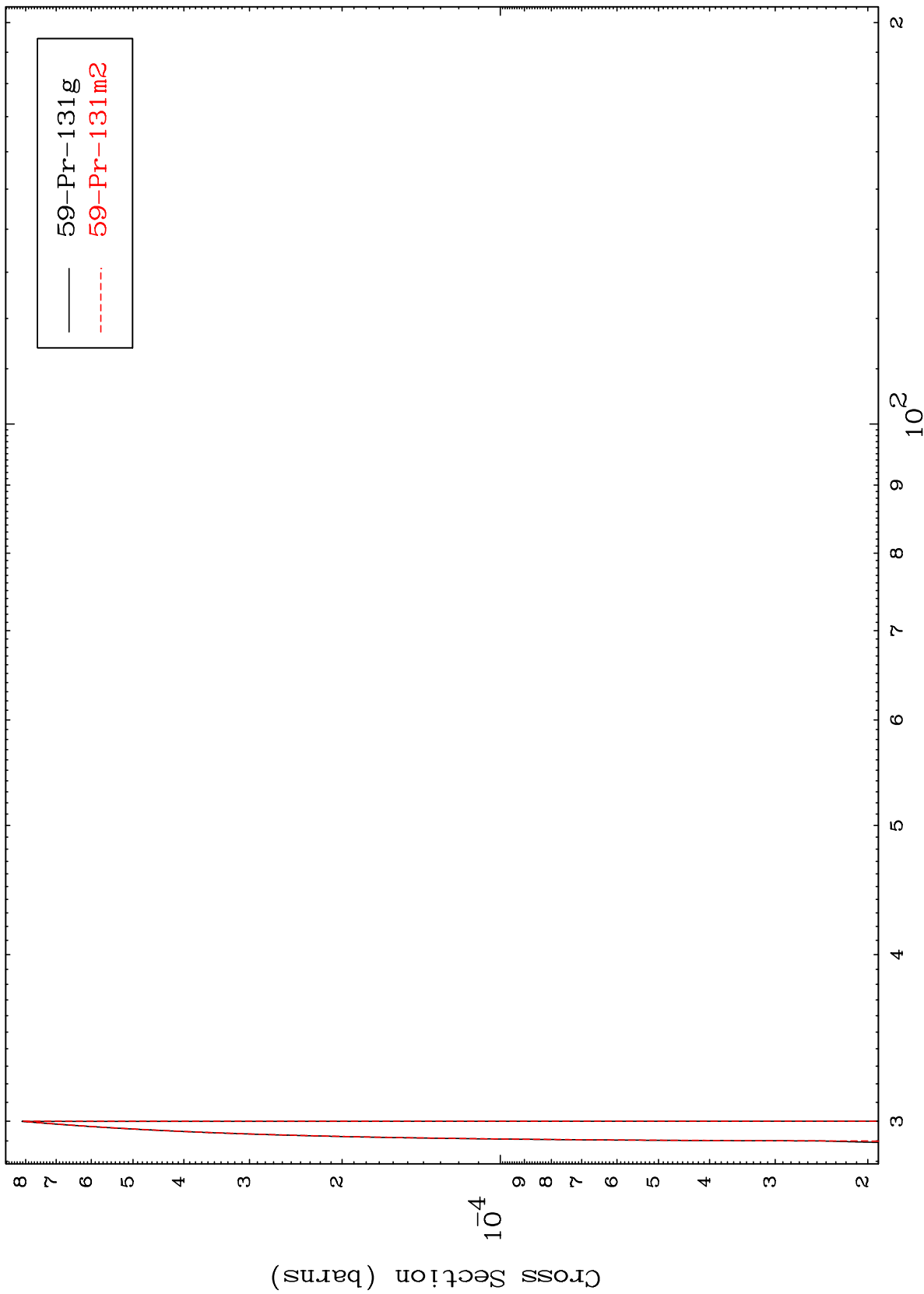
Radionuclide Production Cross Section



MAT 5904

59-Pr-134

(n,4n)
Radionuclide Production Cross Section



133

59-Pr-134

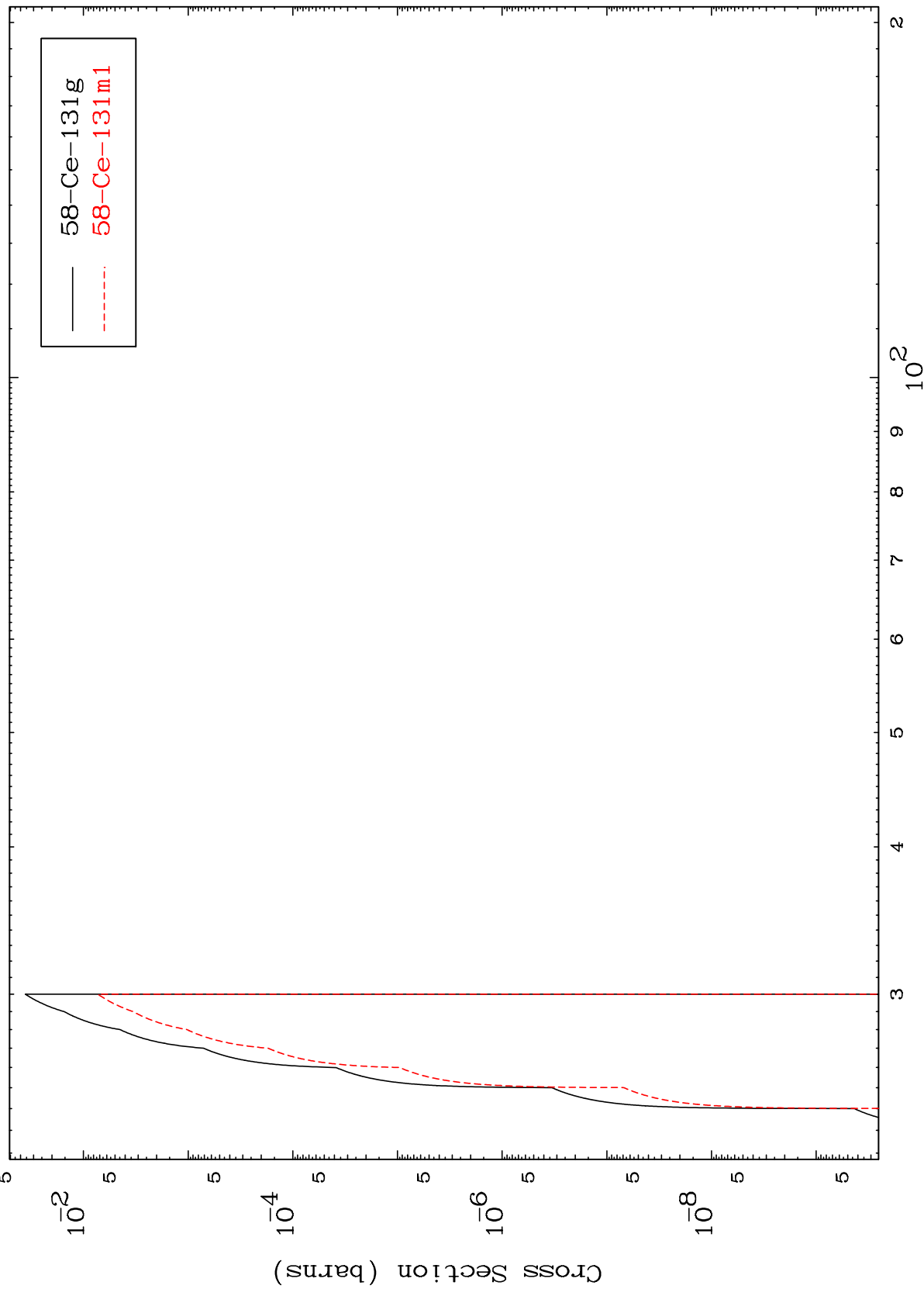
Incident Energy (MeV)

MAT 5904

(n,3n) p

59-Pr-134

Radionuclide Production Cross Section



134

Incident Energy (MeV)

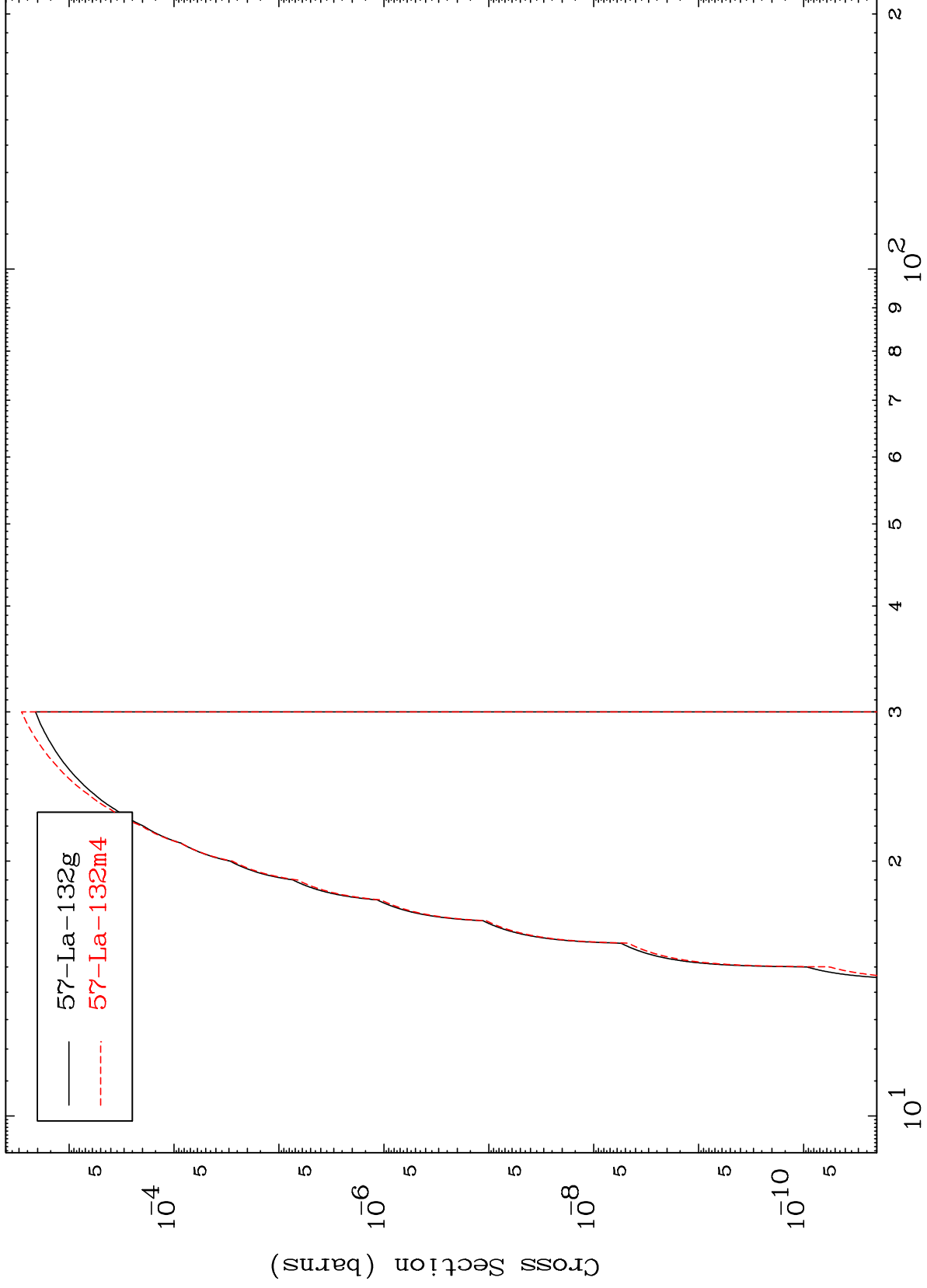
59-Pr-134

MAT 5904

(n,2n) p

59-Pr-134

Radionuclide Production Cross Section

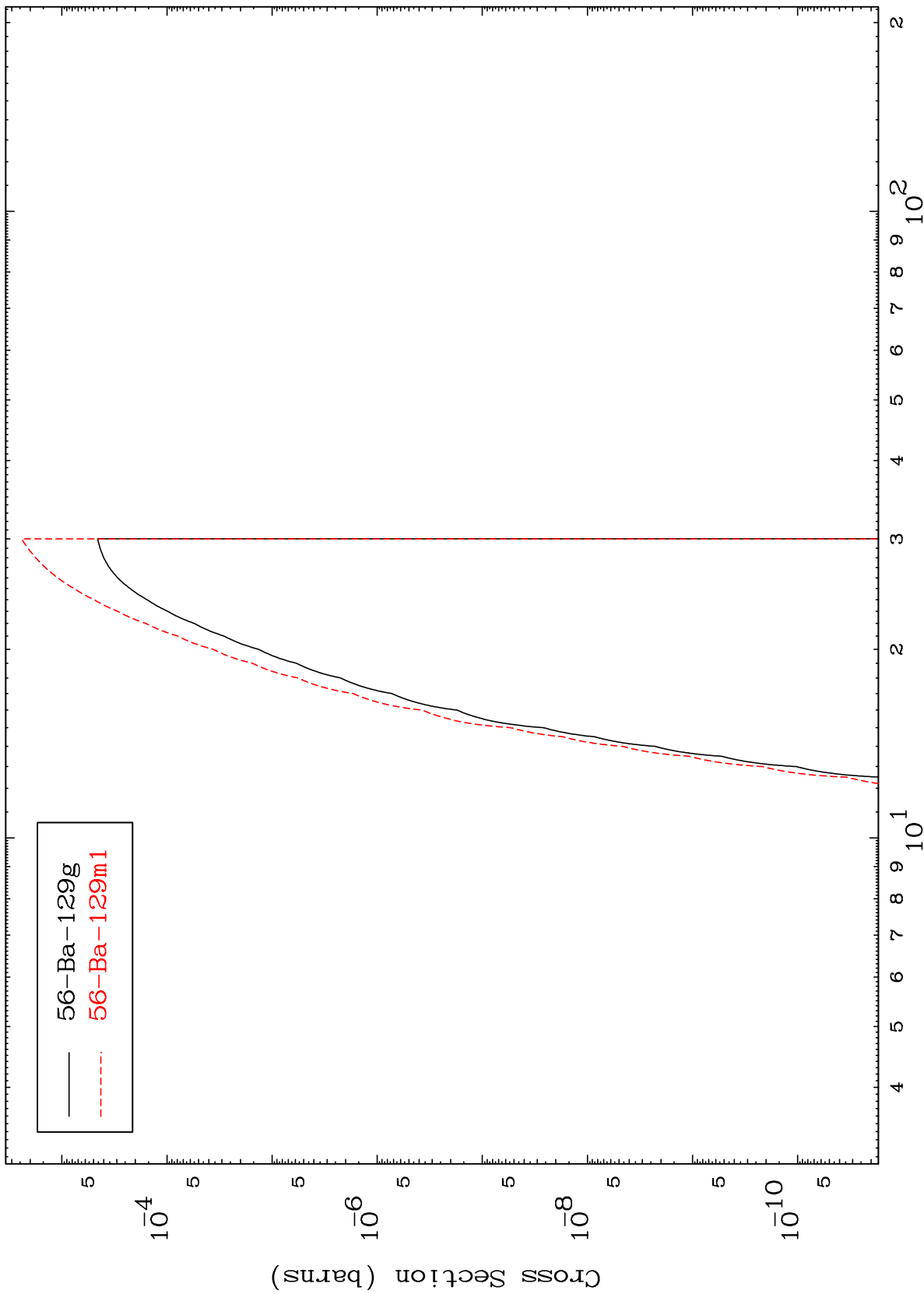


135

Incident Energy (MeV)

59-Pr-134

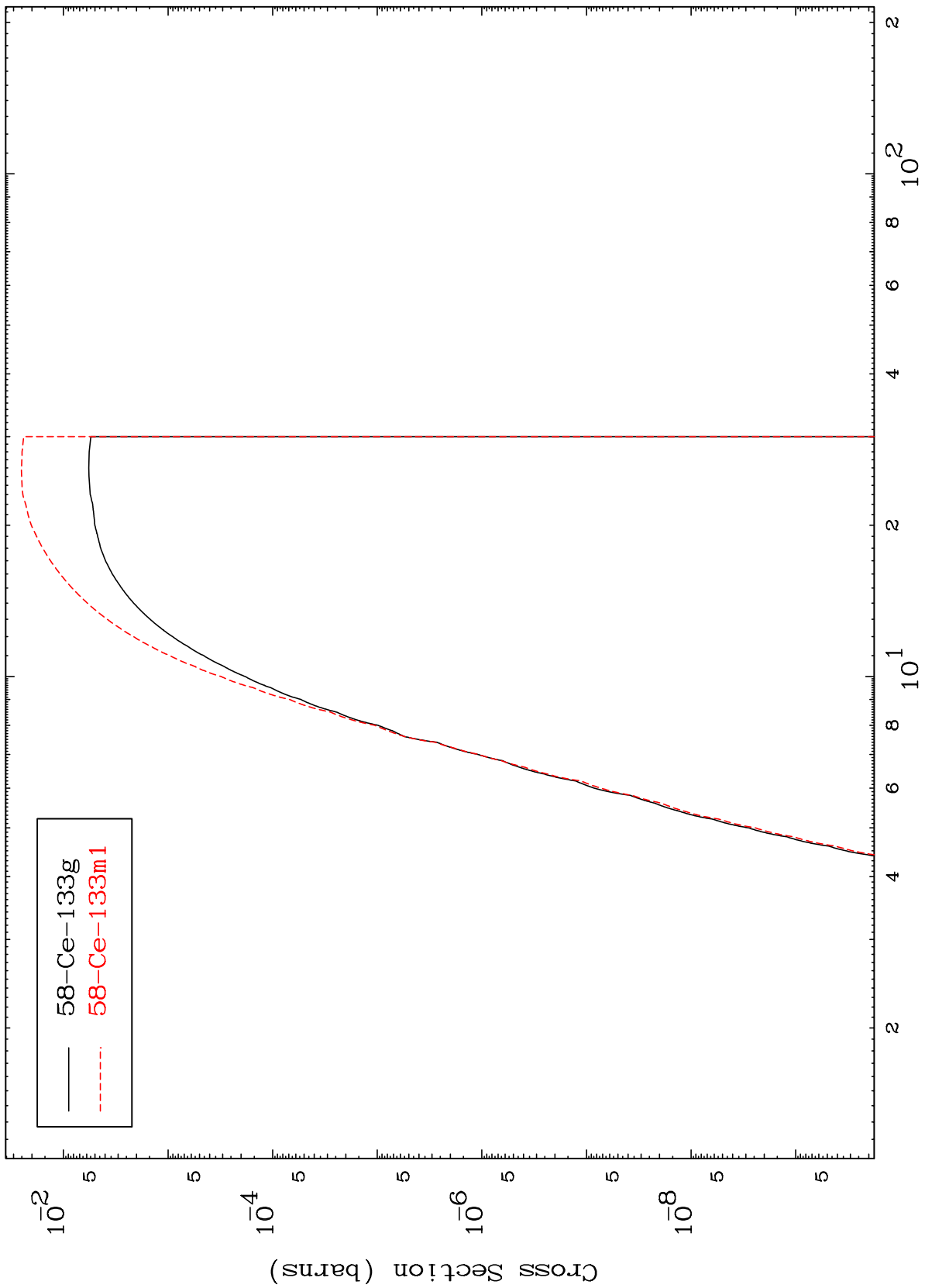
Radionuclide Production Cross Section



MAT 5904

59-Pr-134

(n,d)
Radionuclide Production Cross Section



137

59-Pr-134

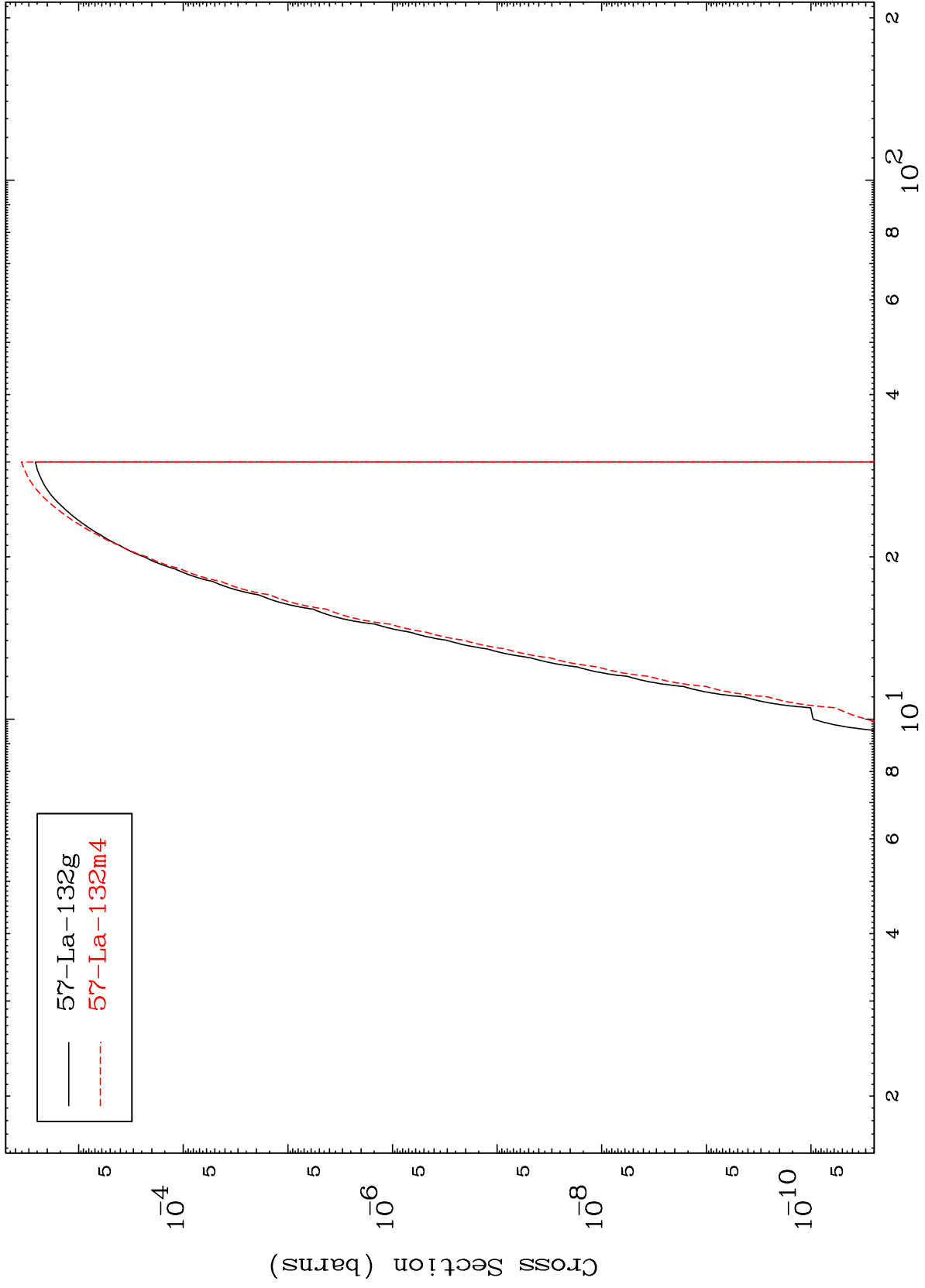
Incident Energy (MeV)

MAT 5904

(n,He-3)

59-Pr-134

Radionuclide Production Cross Section



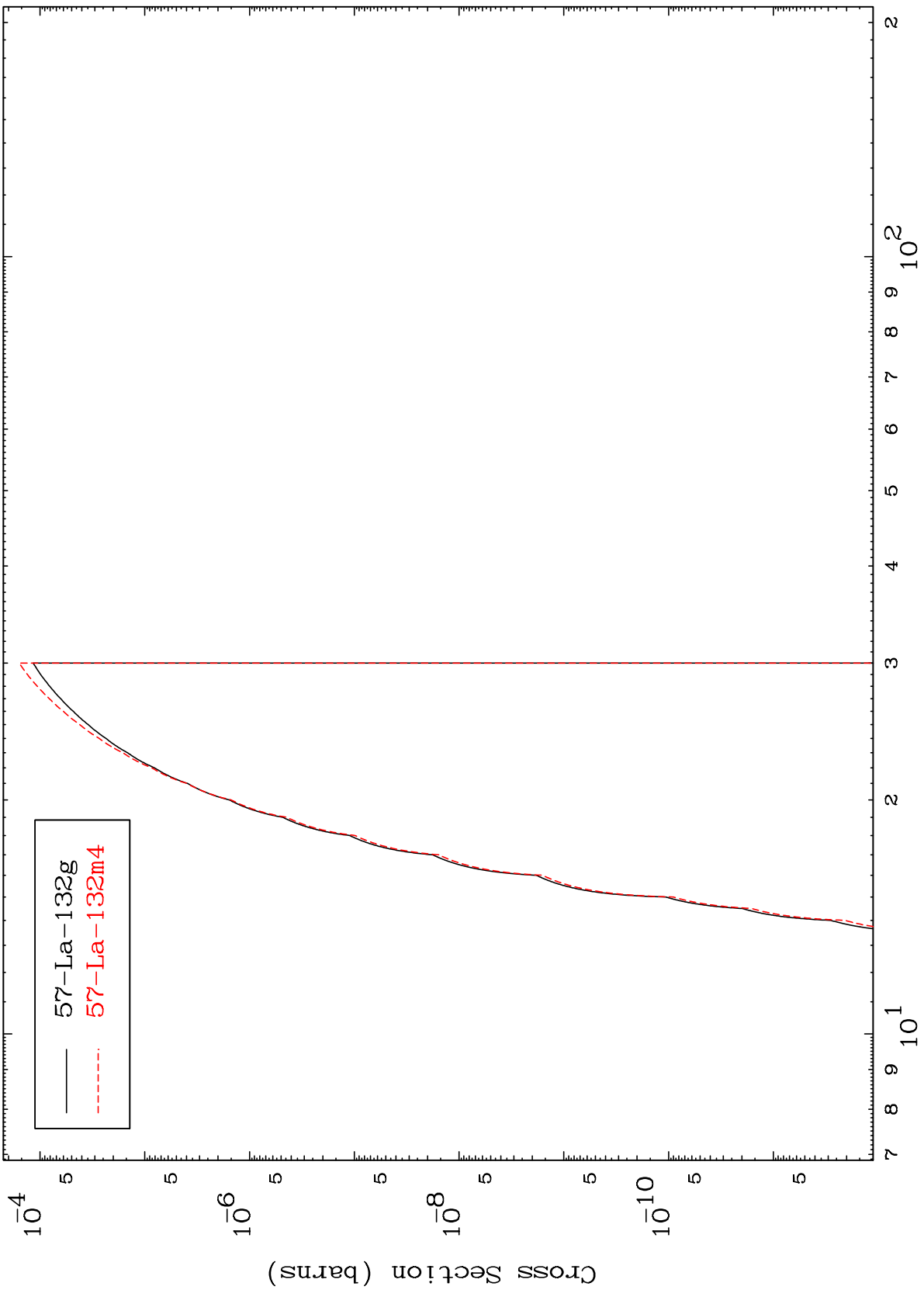
— 57-La-132g
- - - 57-La-132m4

138

Incident Energy (MeV)

59-Pr-134

Radionuclide Production Cross Section

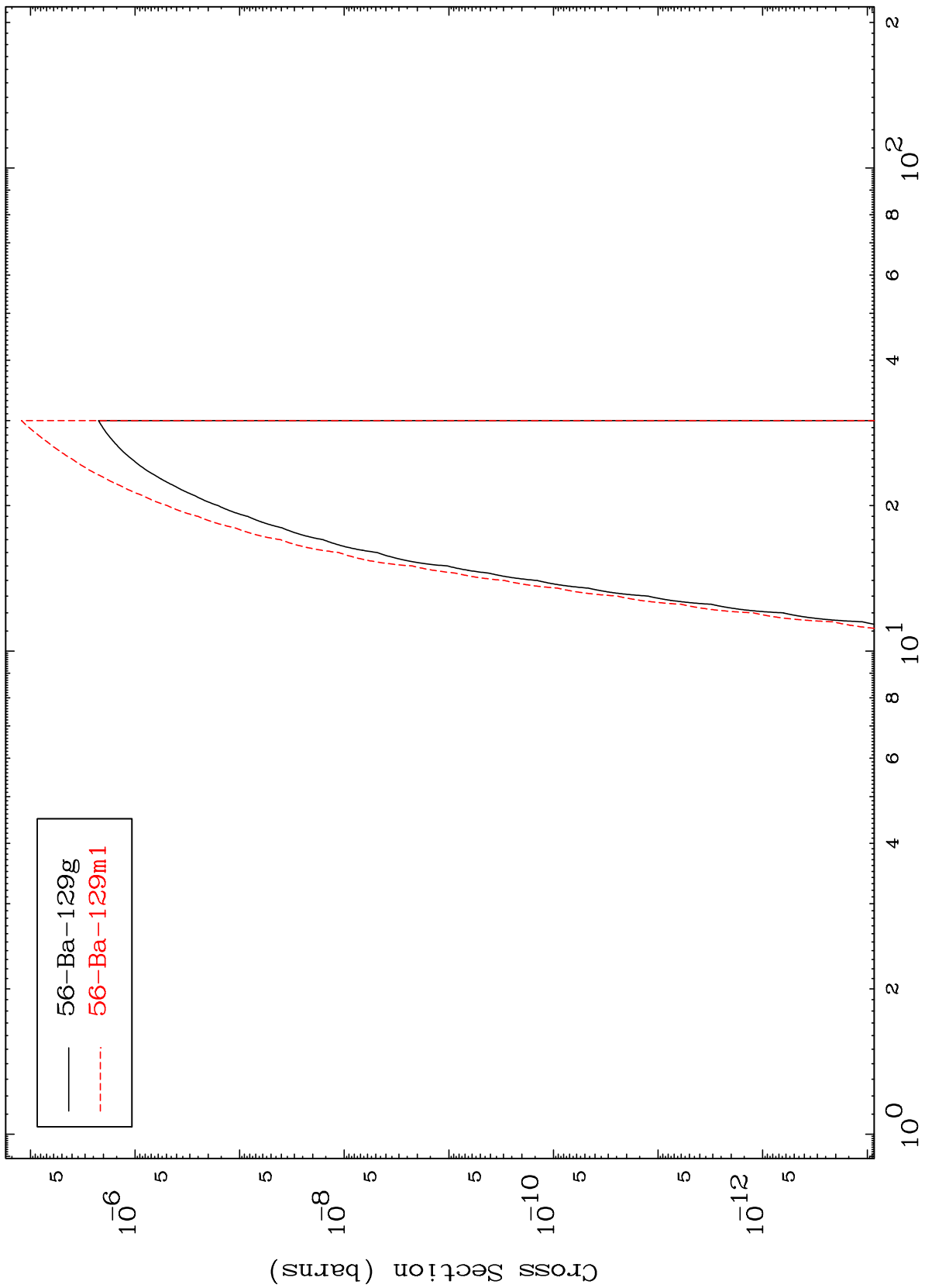


MAT 5904

(n,d) α

59-Pr-134

Radionuclide Production Cross Section



140

Incident Energy (MeV)

59-Pr-134