

Program EVALPLOT
(Version 2017-1)

by

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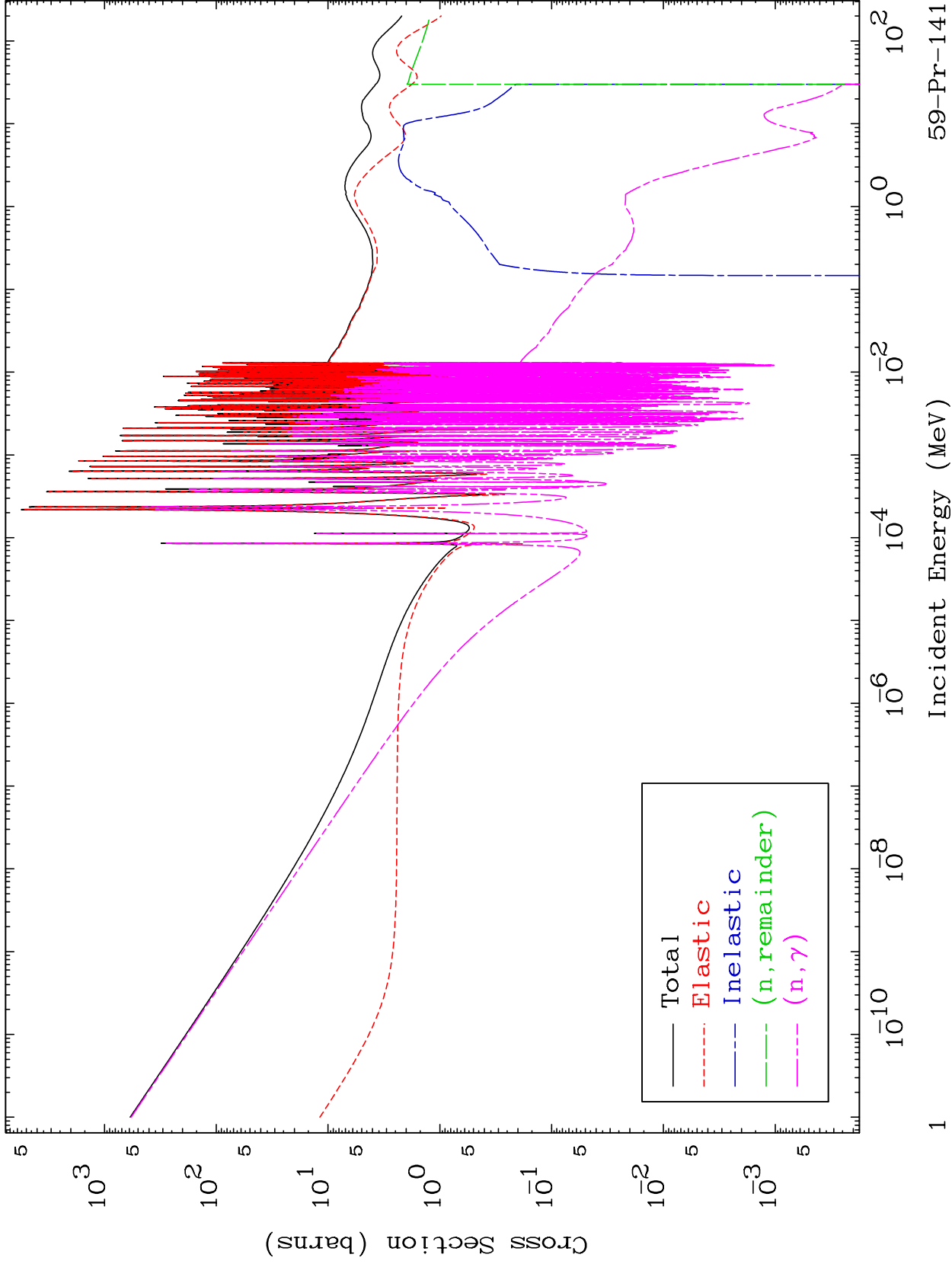
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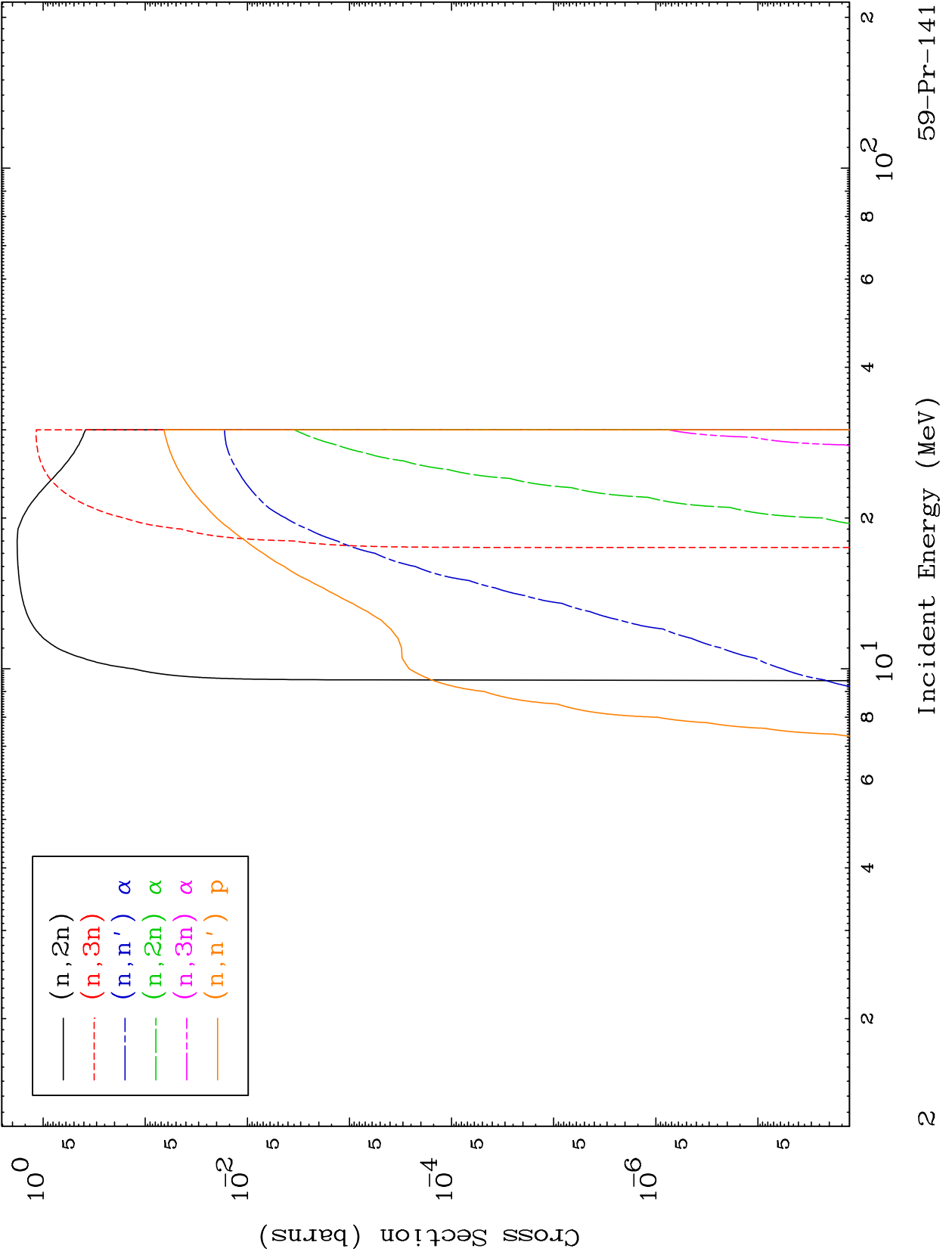
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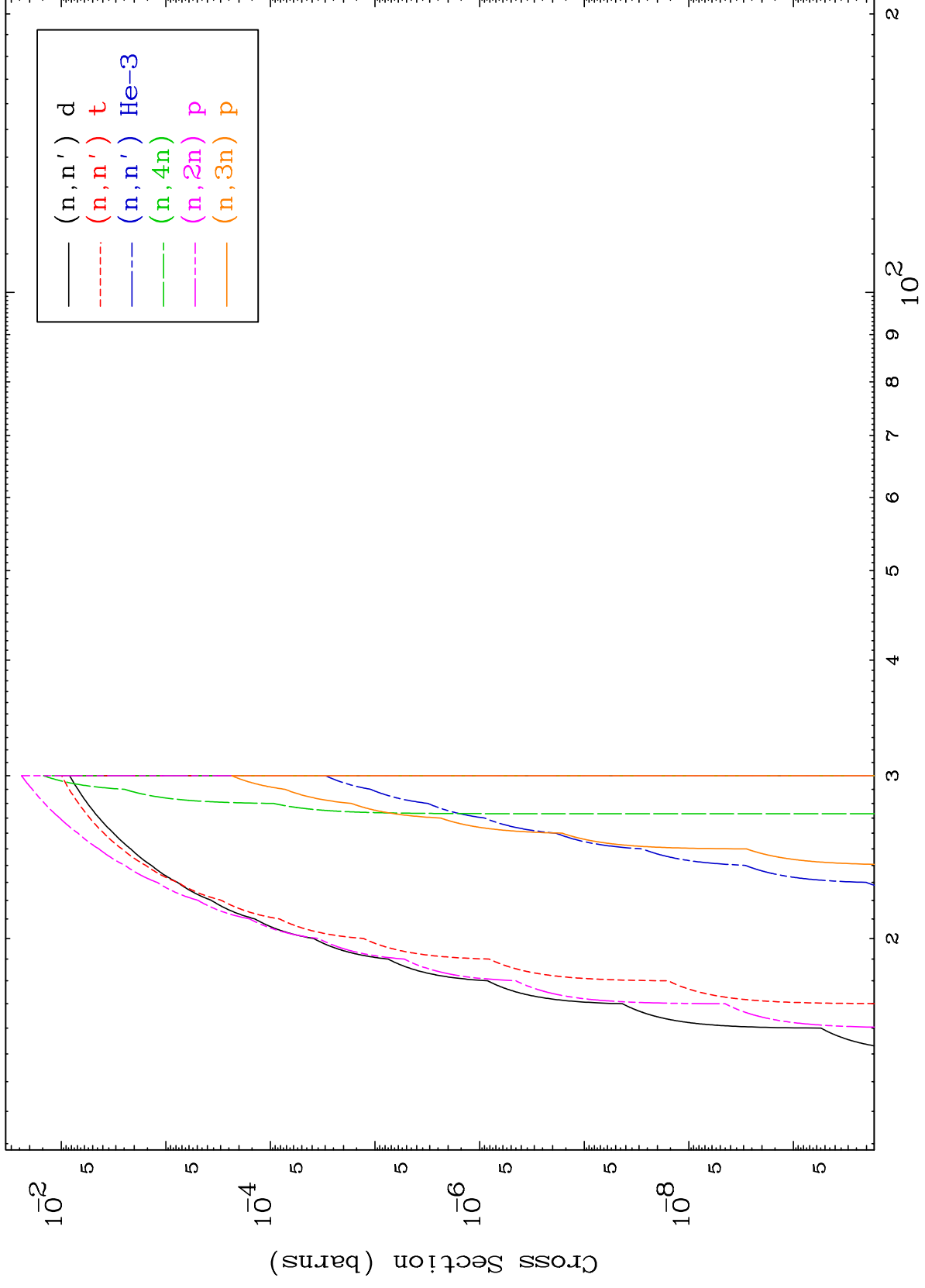
MAT 5925

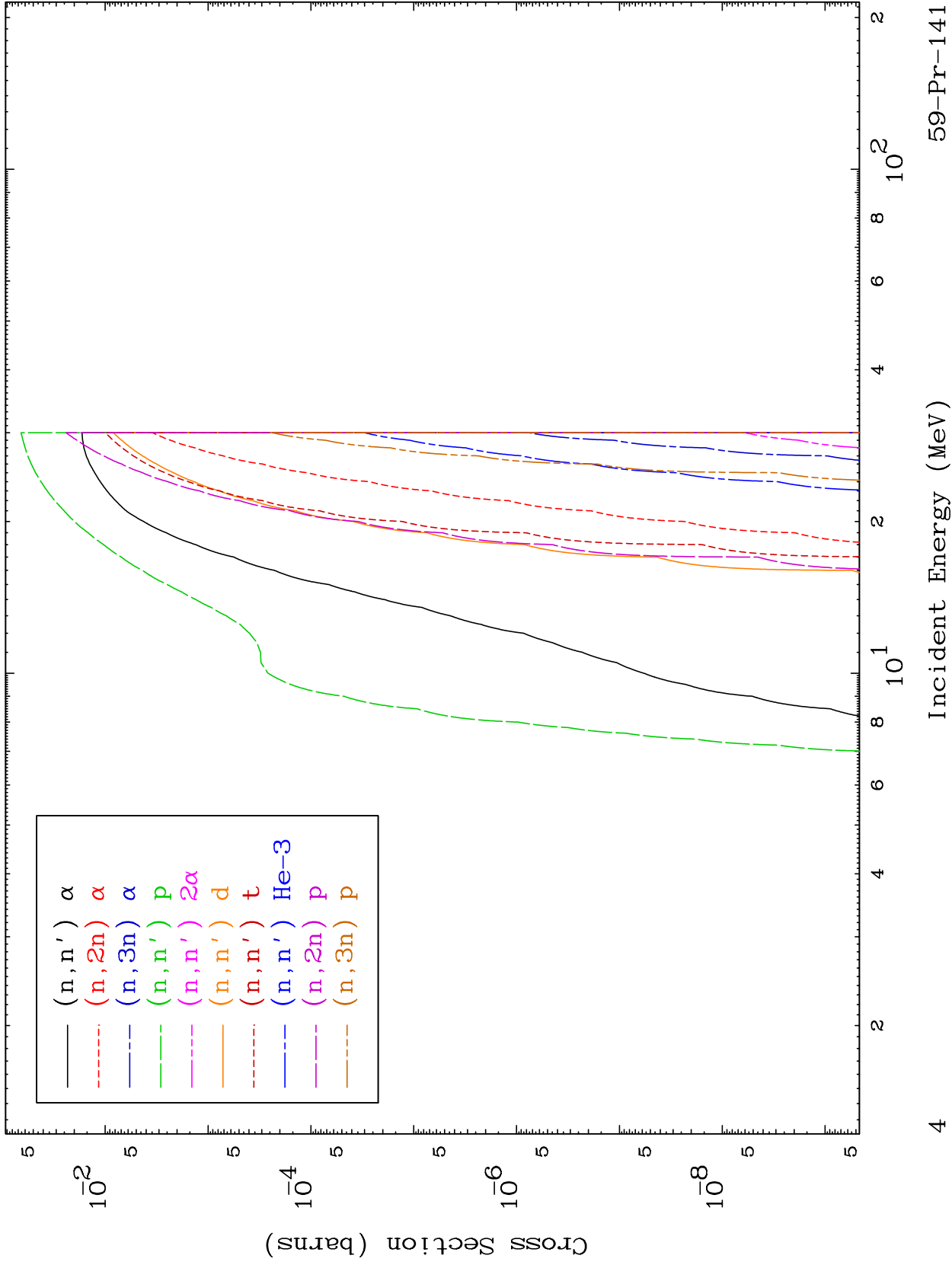
Major
293 Kelvin Cross Sections

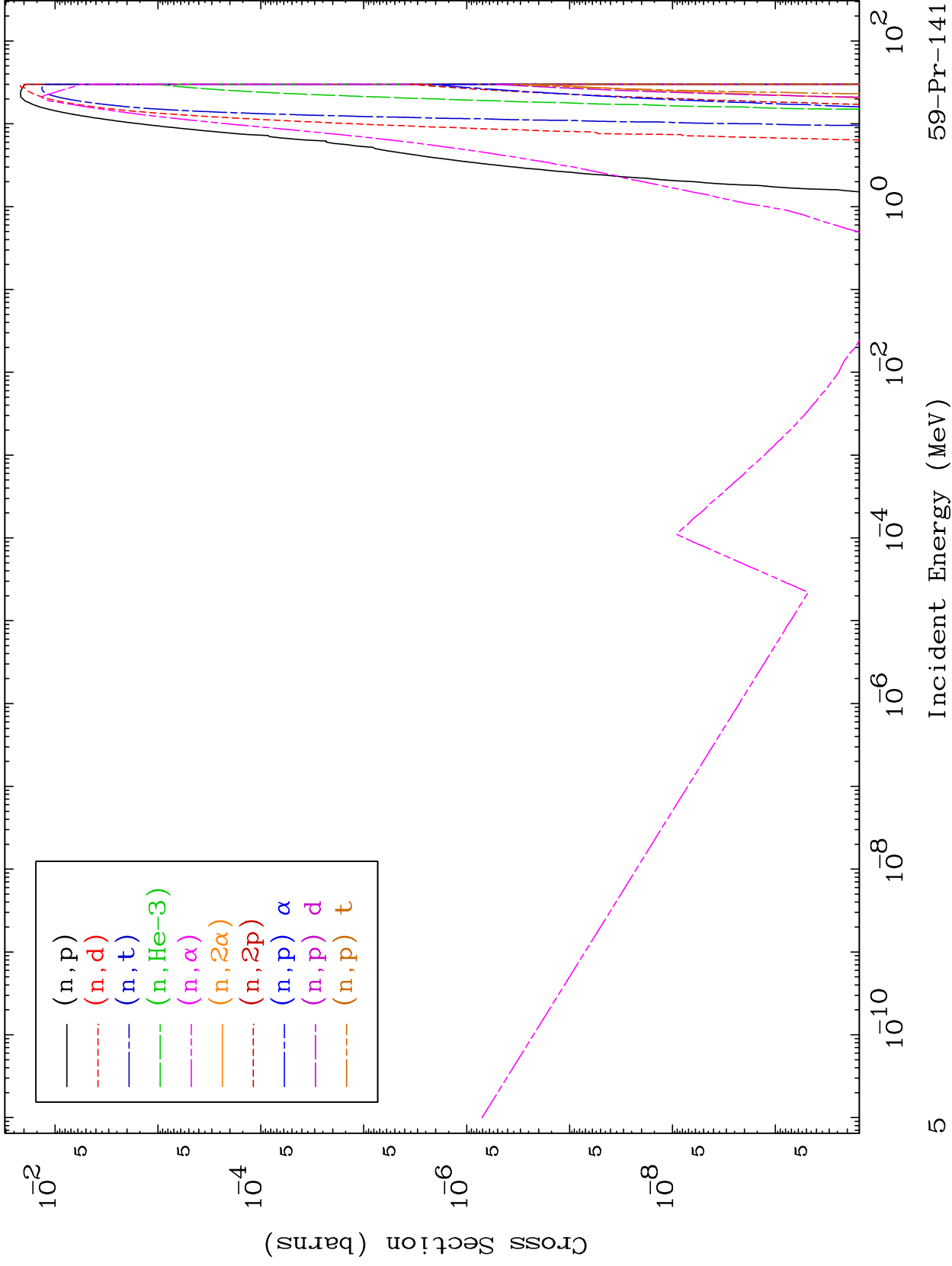
59-Pr-141

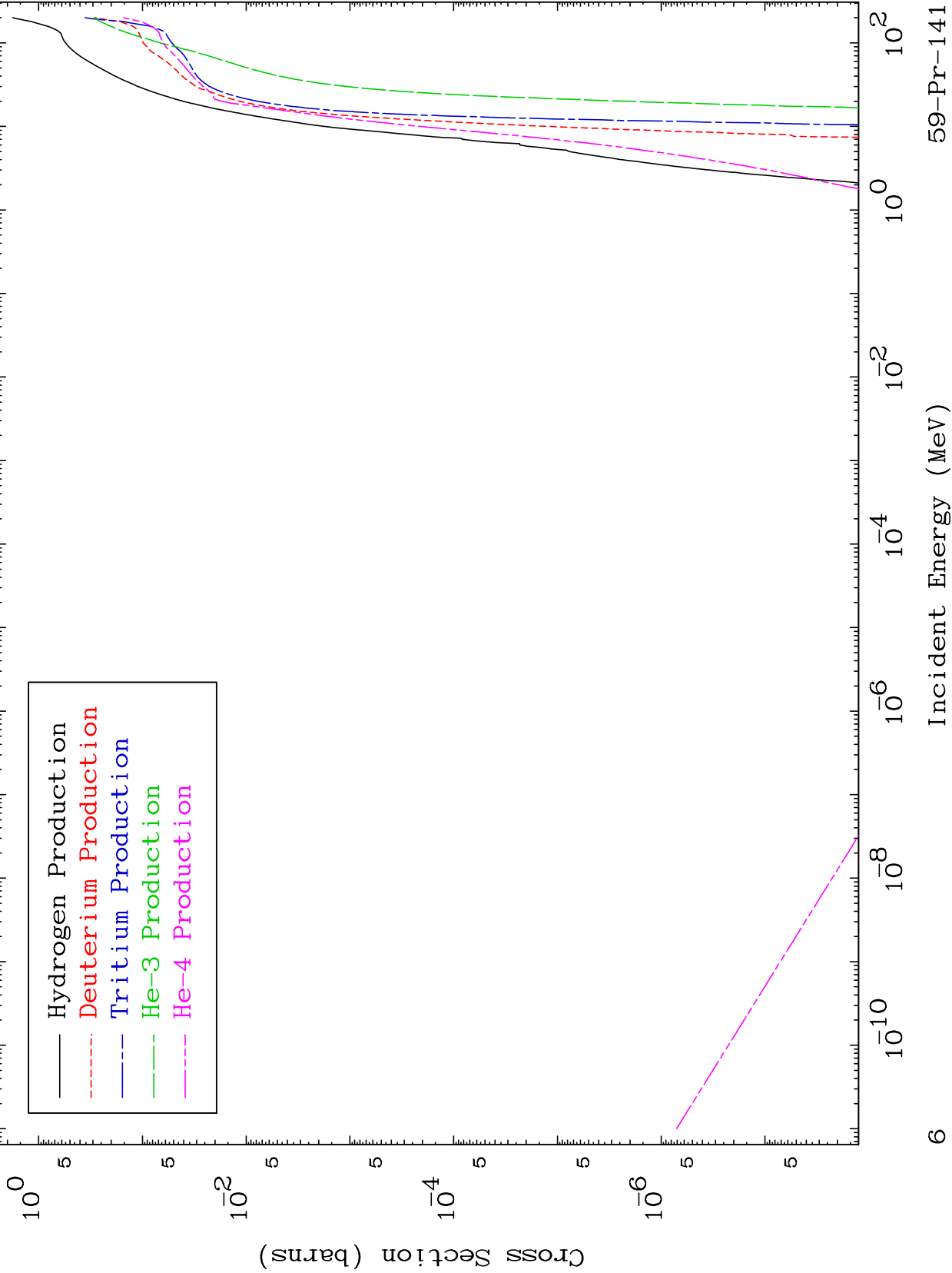




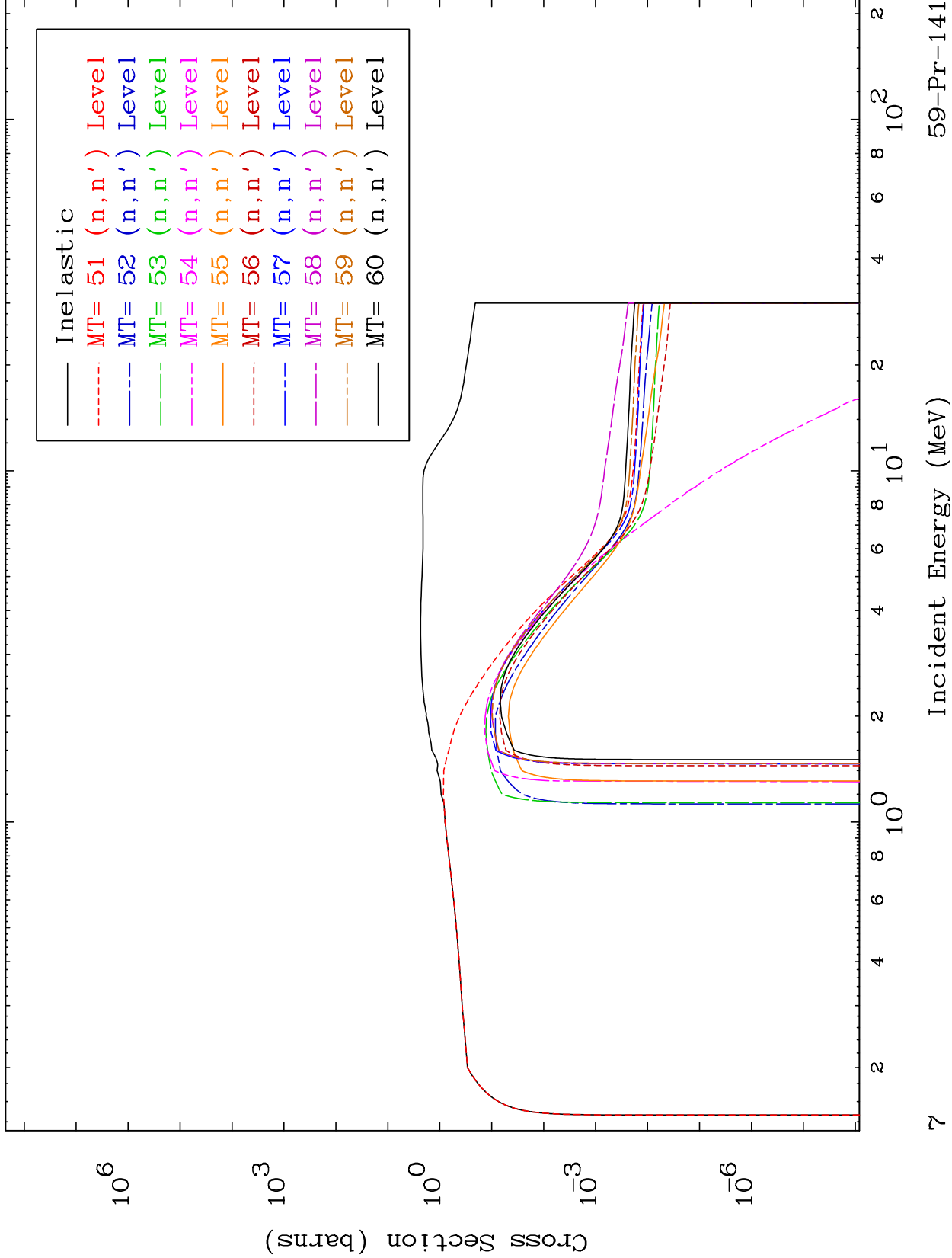








293 Kelvin Cross Sections

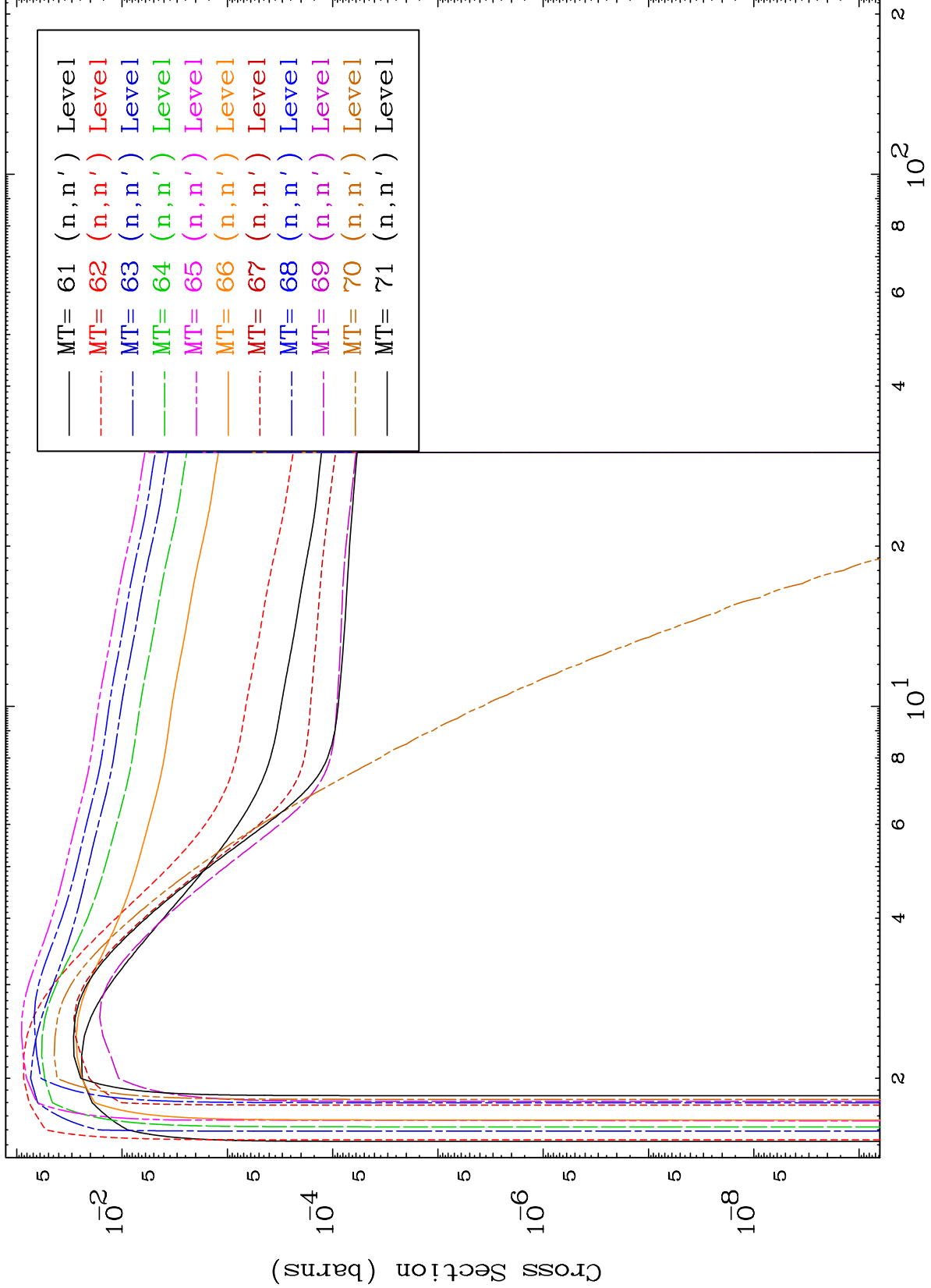


MAT 5925

(n,n') Level

59-Pr-141

293 Kelvin Cross Sections

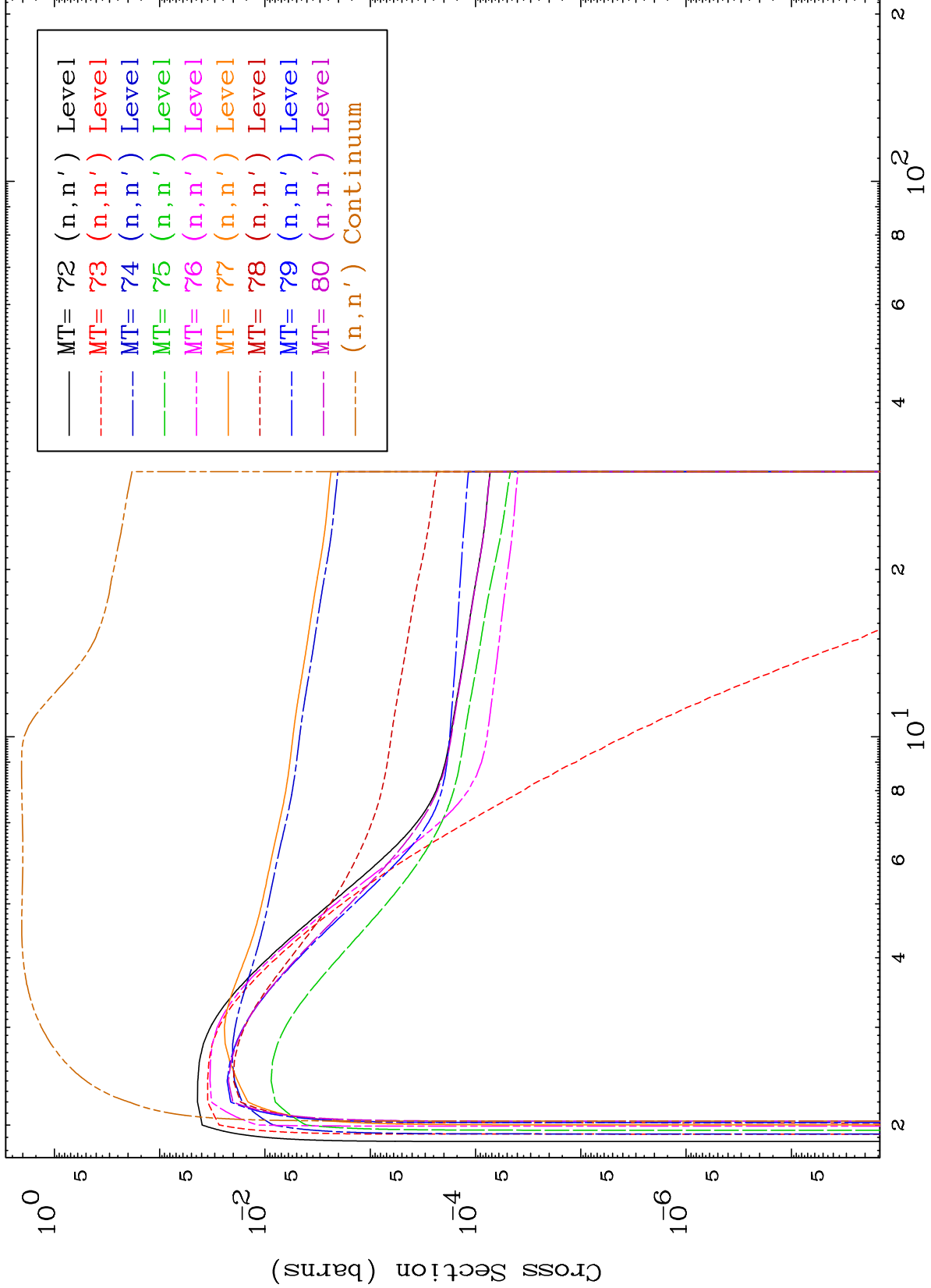


8

Incident Energy (MeV)

59-Pr-141

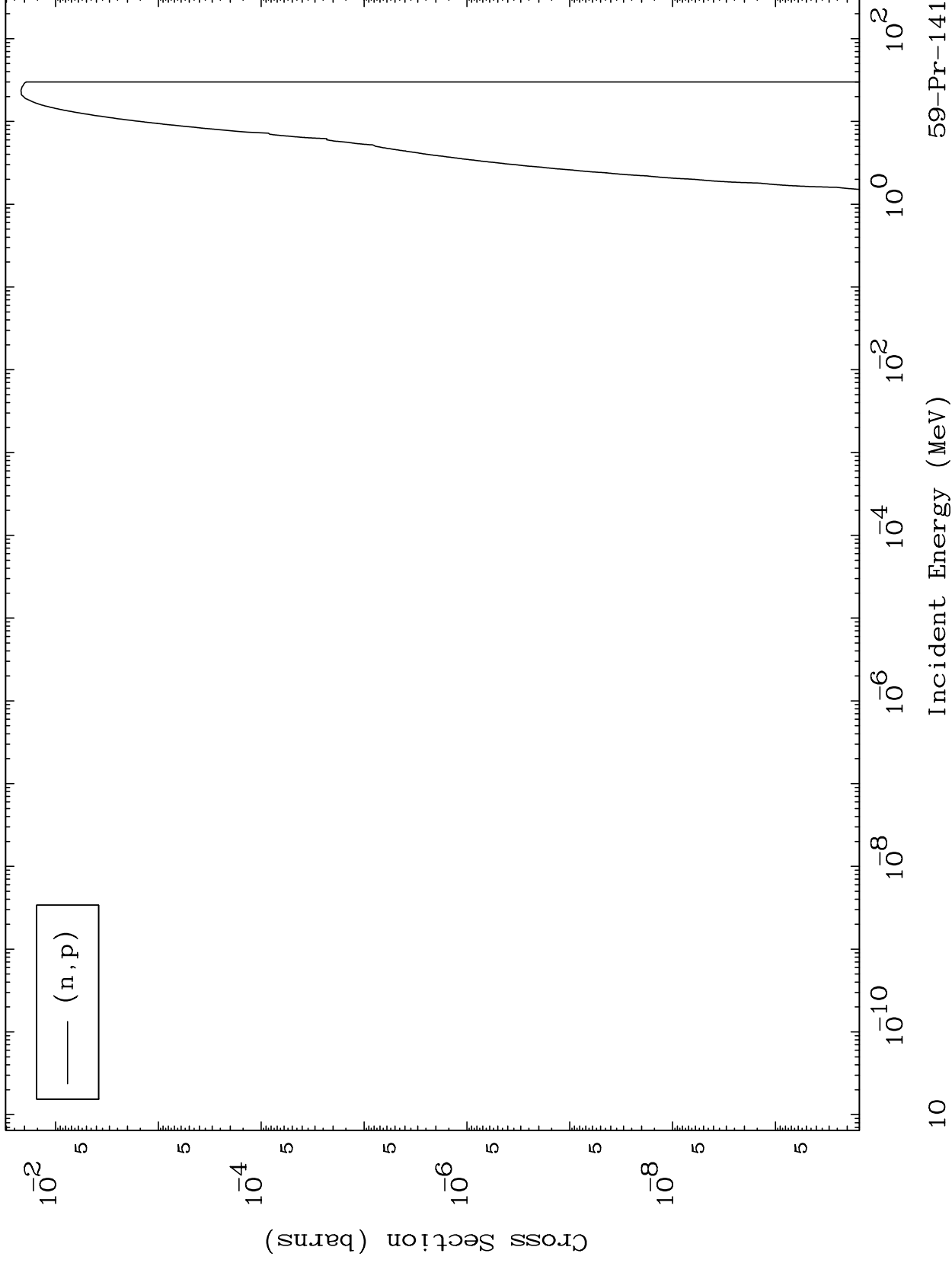
293 Kelvin Cross Sections



MAT 5925

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-141



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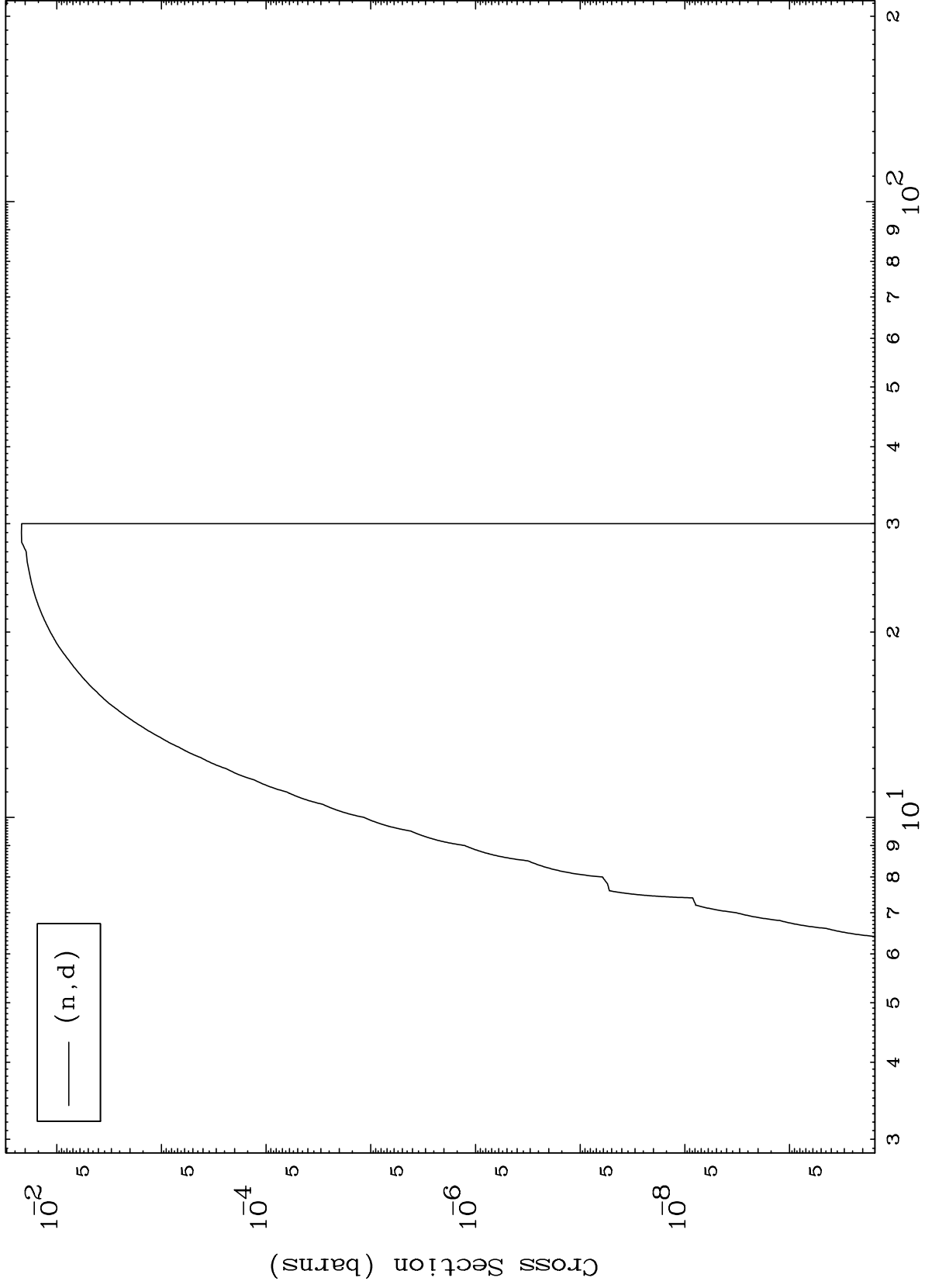
Incident Energy (MeV)

59-Pr-141

MAT 5925

(n,d) Levels
293 Kelvin Cross Sections

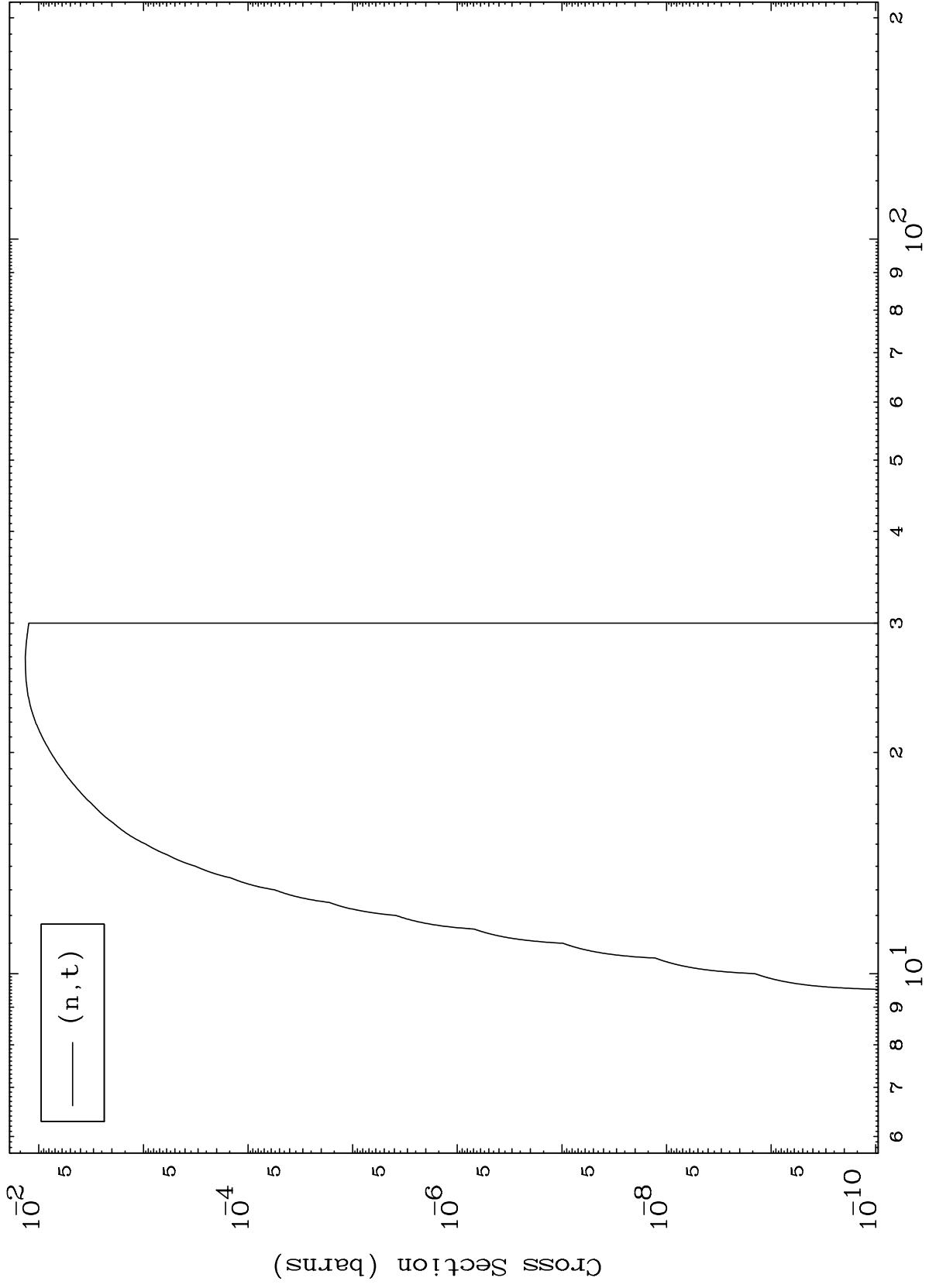
59-Pr-141



MAT 5925

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-141



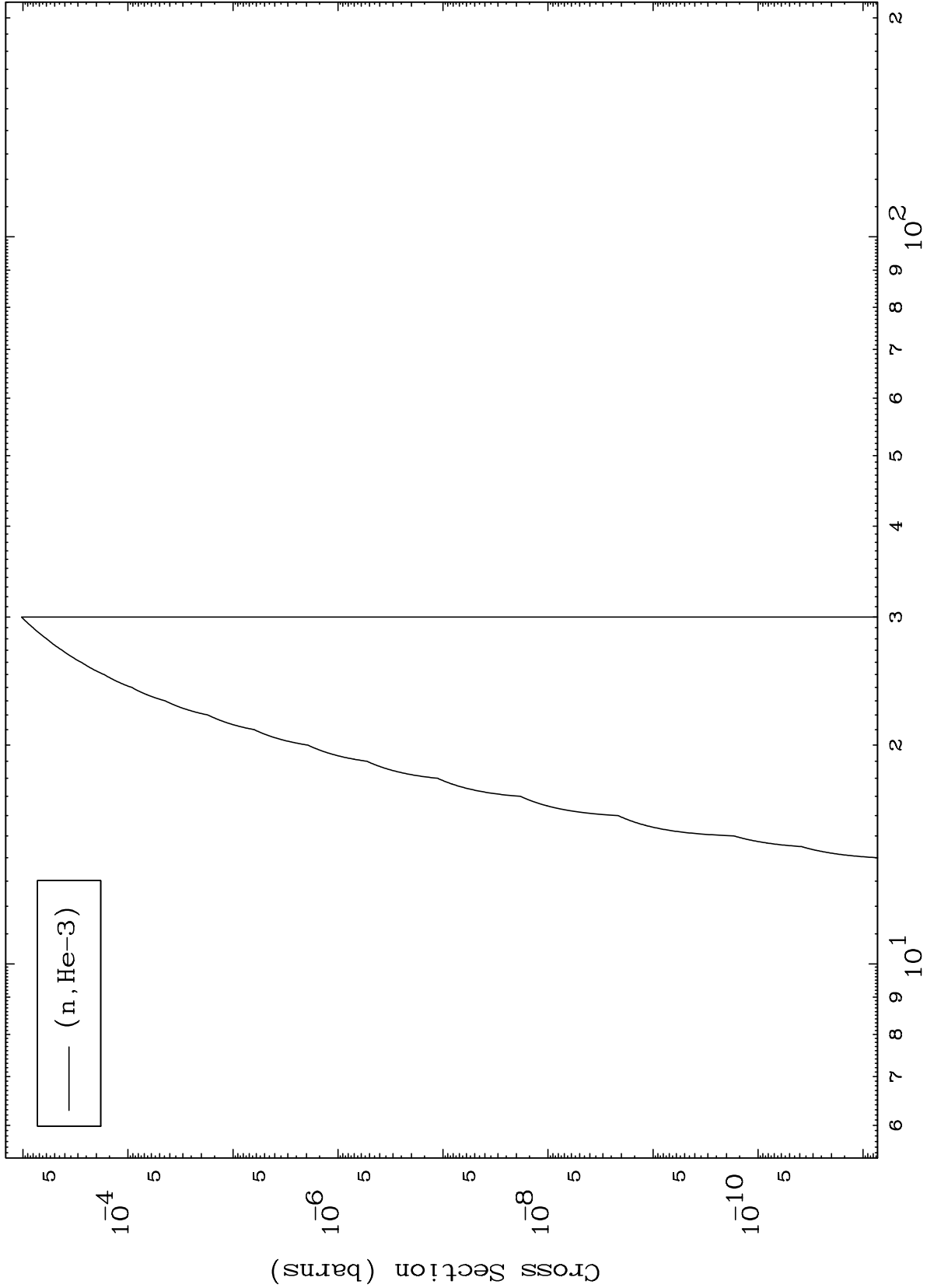
(n,t)

12

Incident Energy (MeV)

59-Pr-141

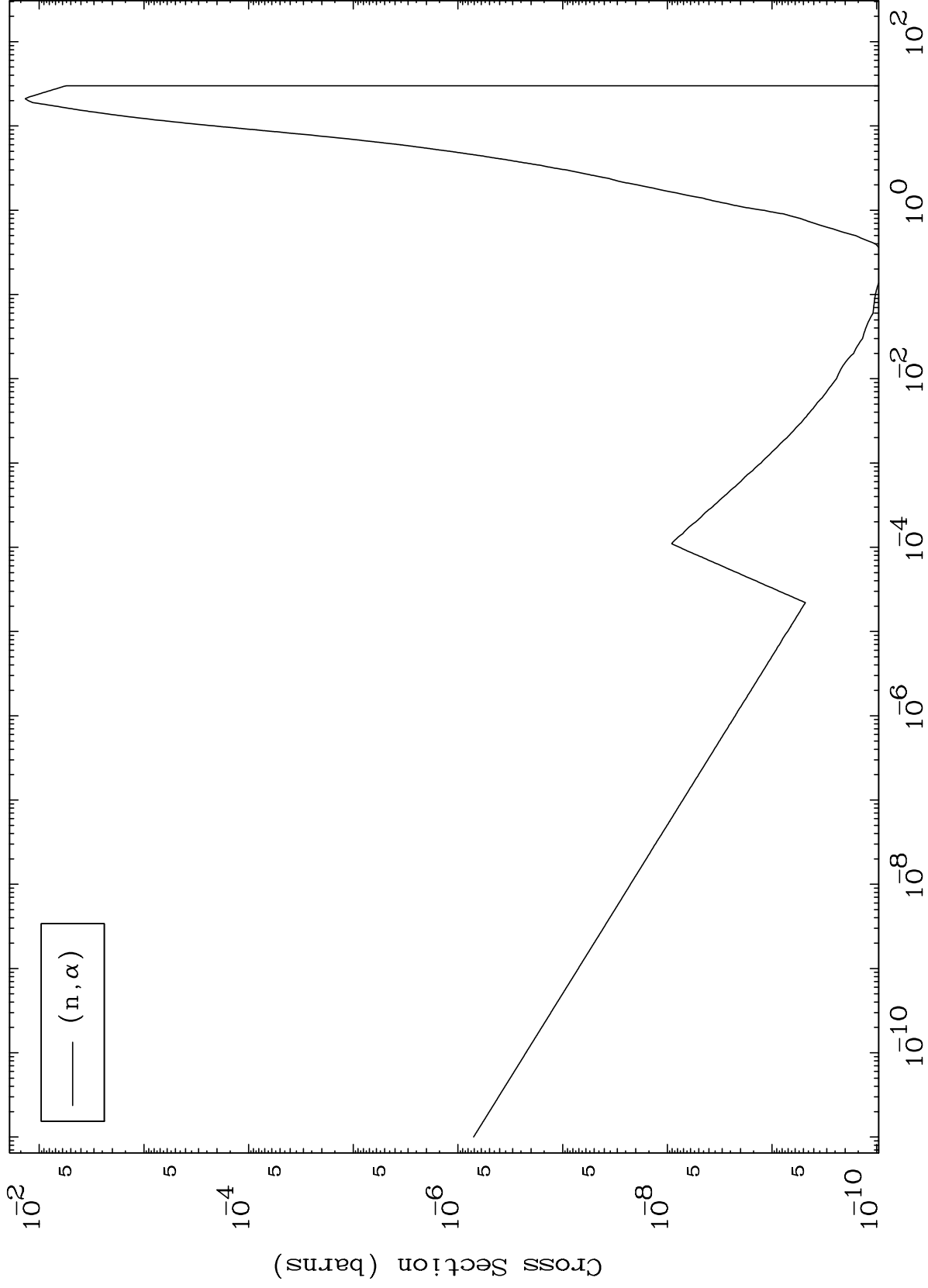
(n,He3) Levels
293 Kelvin Cross Sections



MAT 5925

(n, α) Levels
293 Kelvin Cross Sections

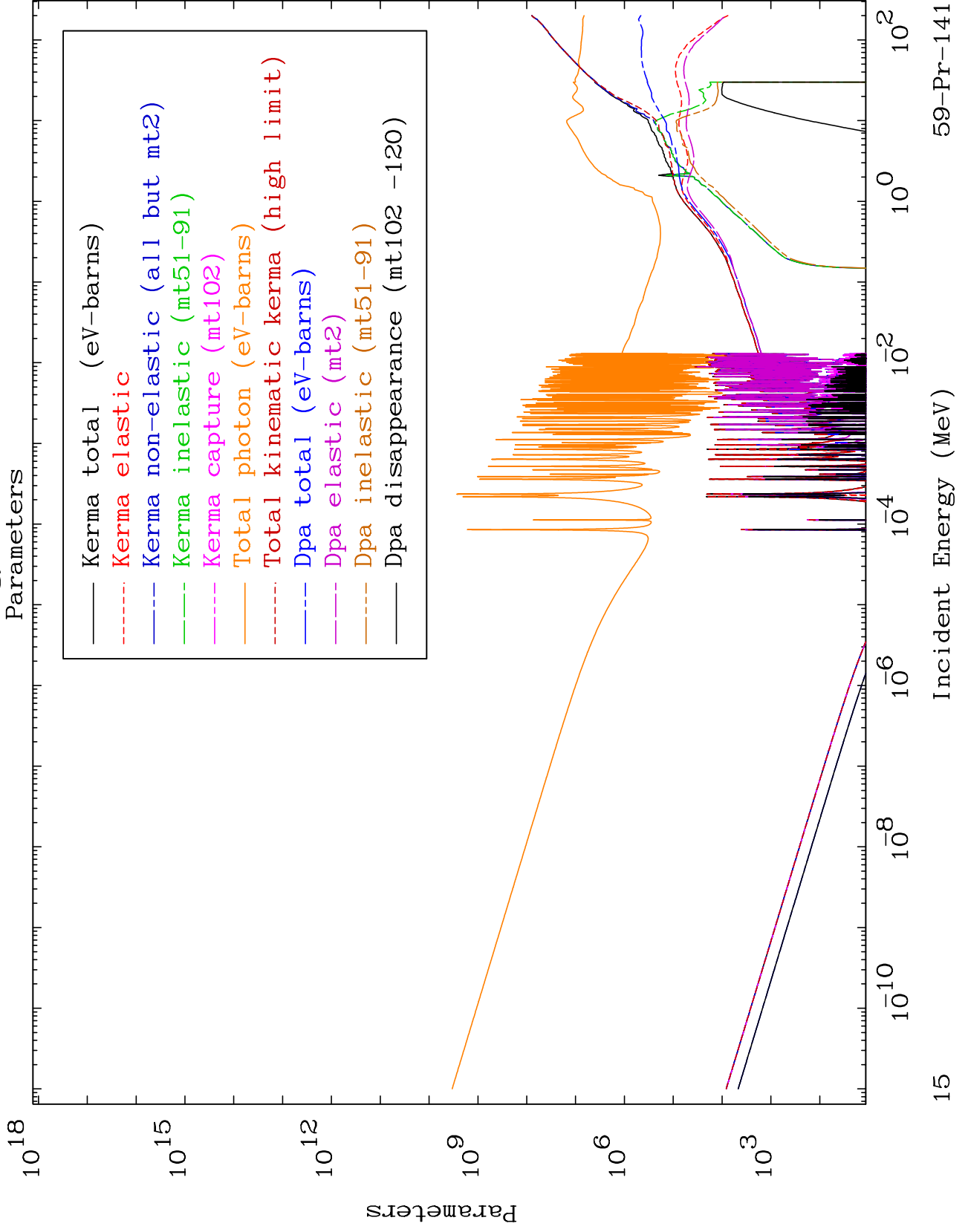
59-Pr-141



14

Incident Energy (MeV)

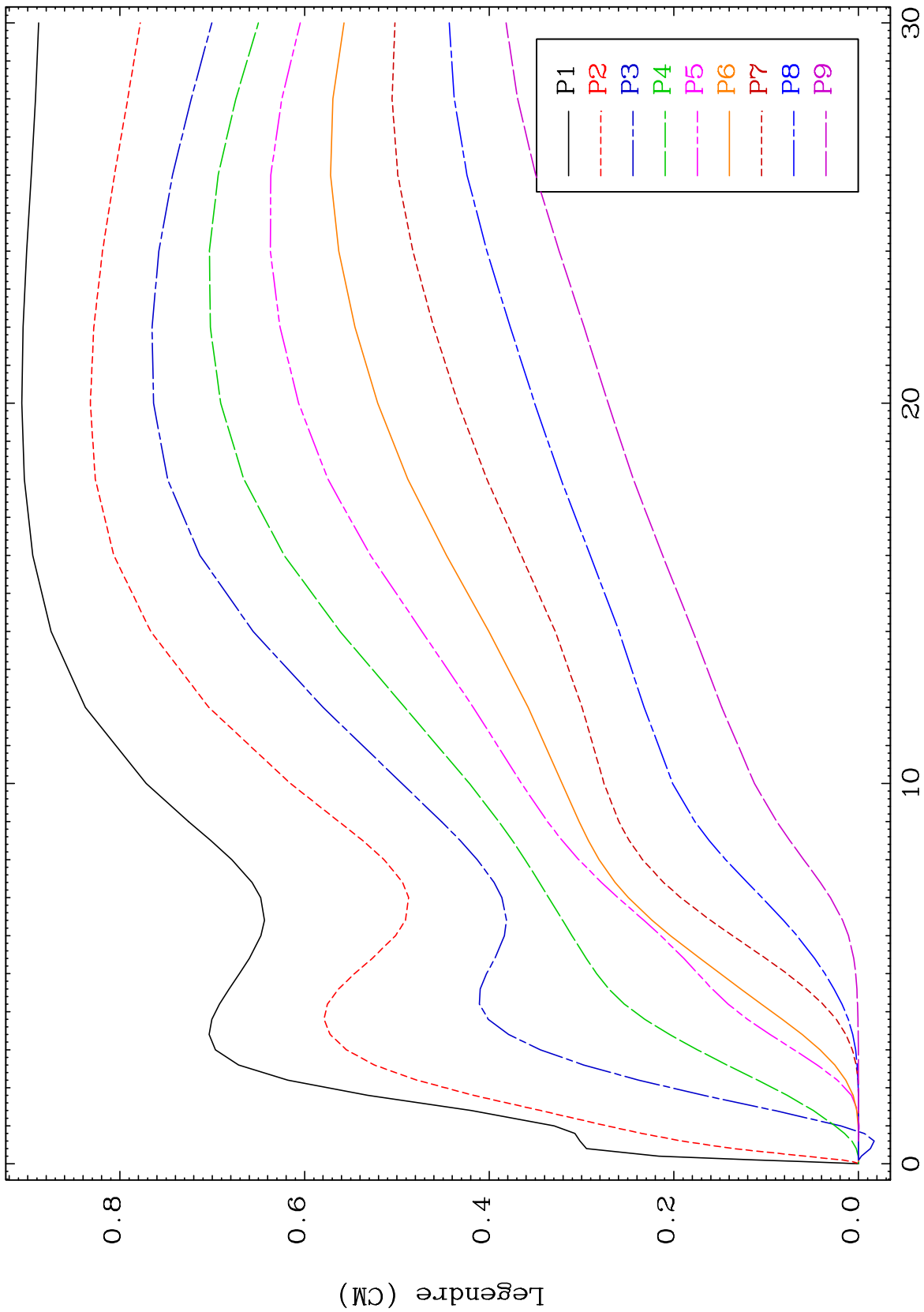
59-Pr-141



MAT 5925

59-Pr-141

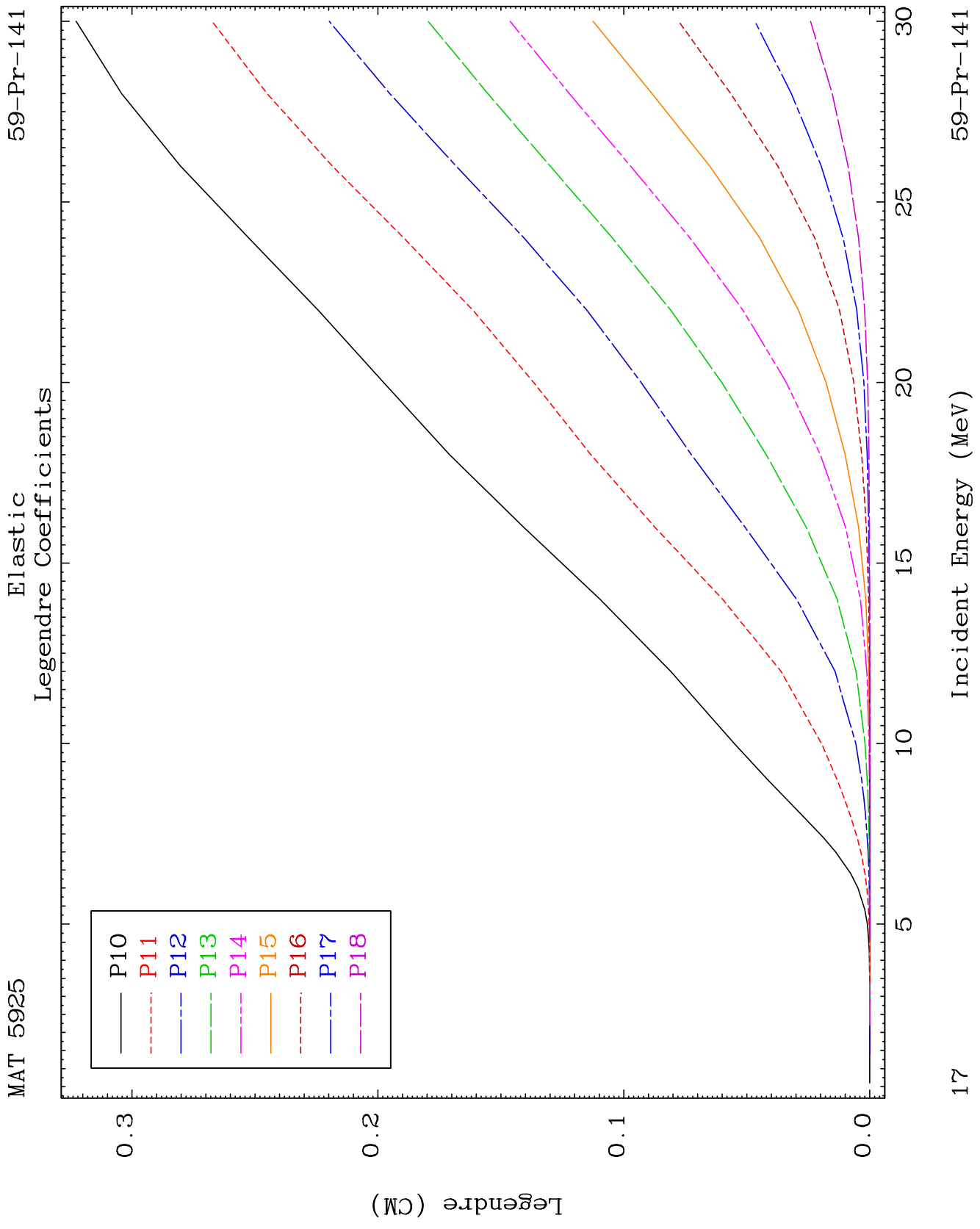
Elastic Legendre Coefficients



16

Incident Energy (MeV)

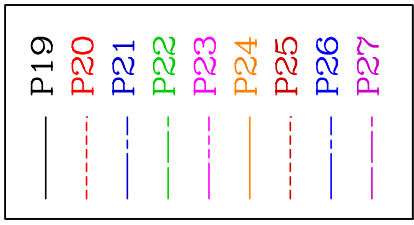
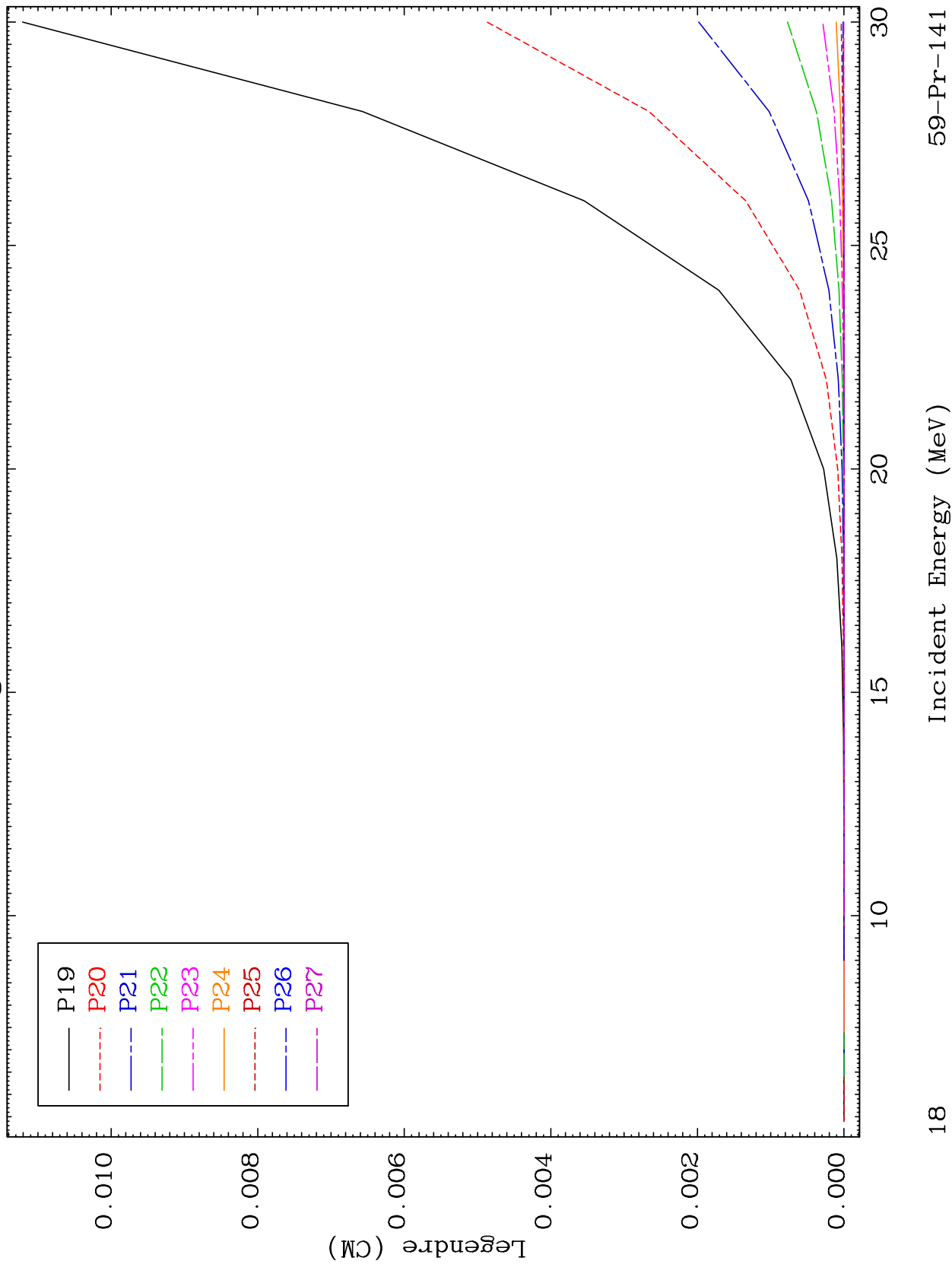
59-Pr-141



MAT 5925

Elastic Legendre Coefficients

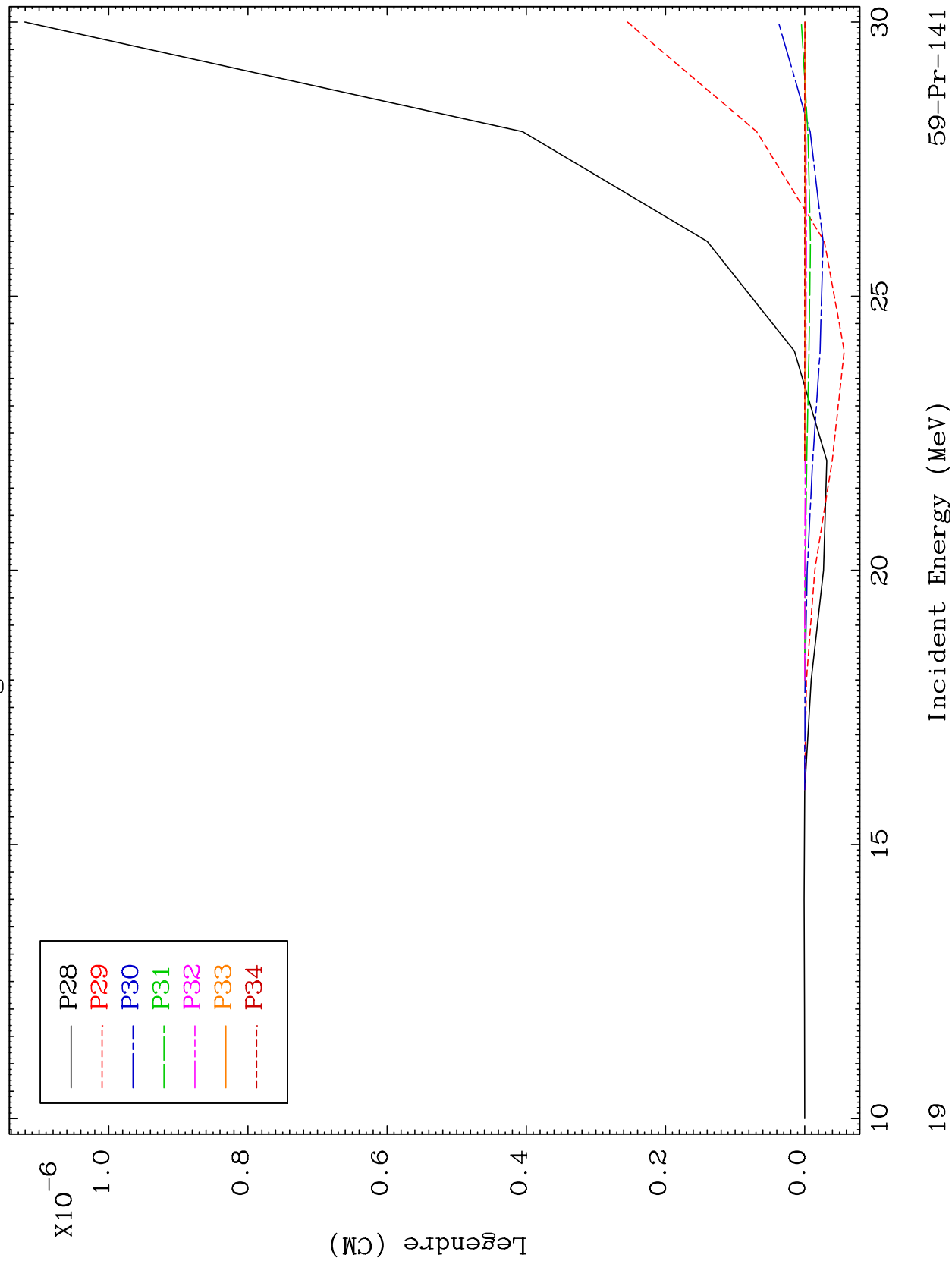
59-Pr-141



MAT 5925

Elastic Legendre Coefficients

59-Pr-141



59-Pr-141

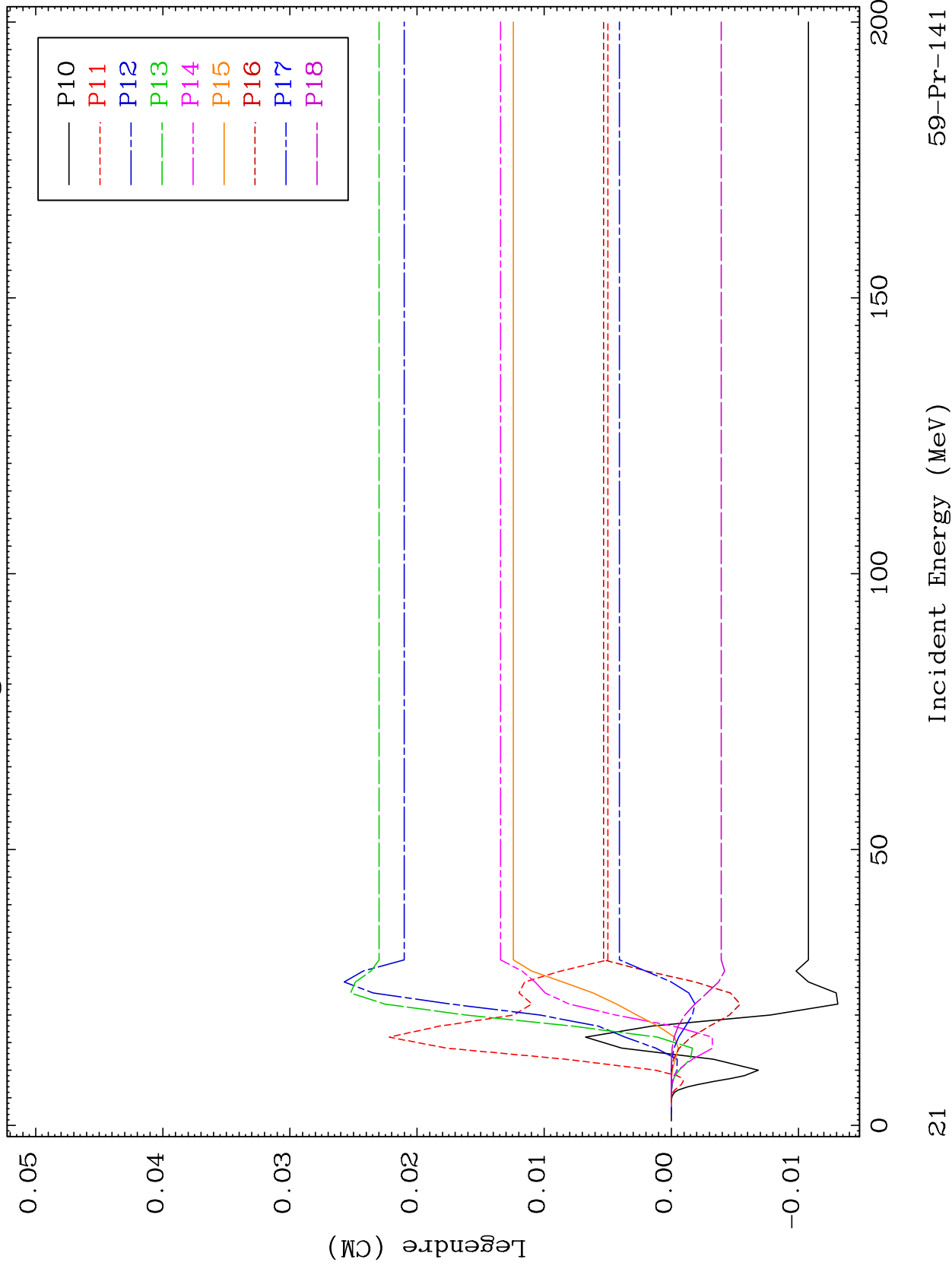
Incident Energy (MeV)

19

MAT 5925

MT= 51 (n,n') Level
Legendre Coefficients

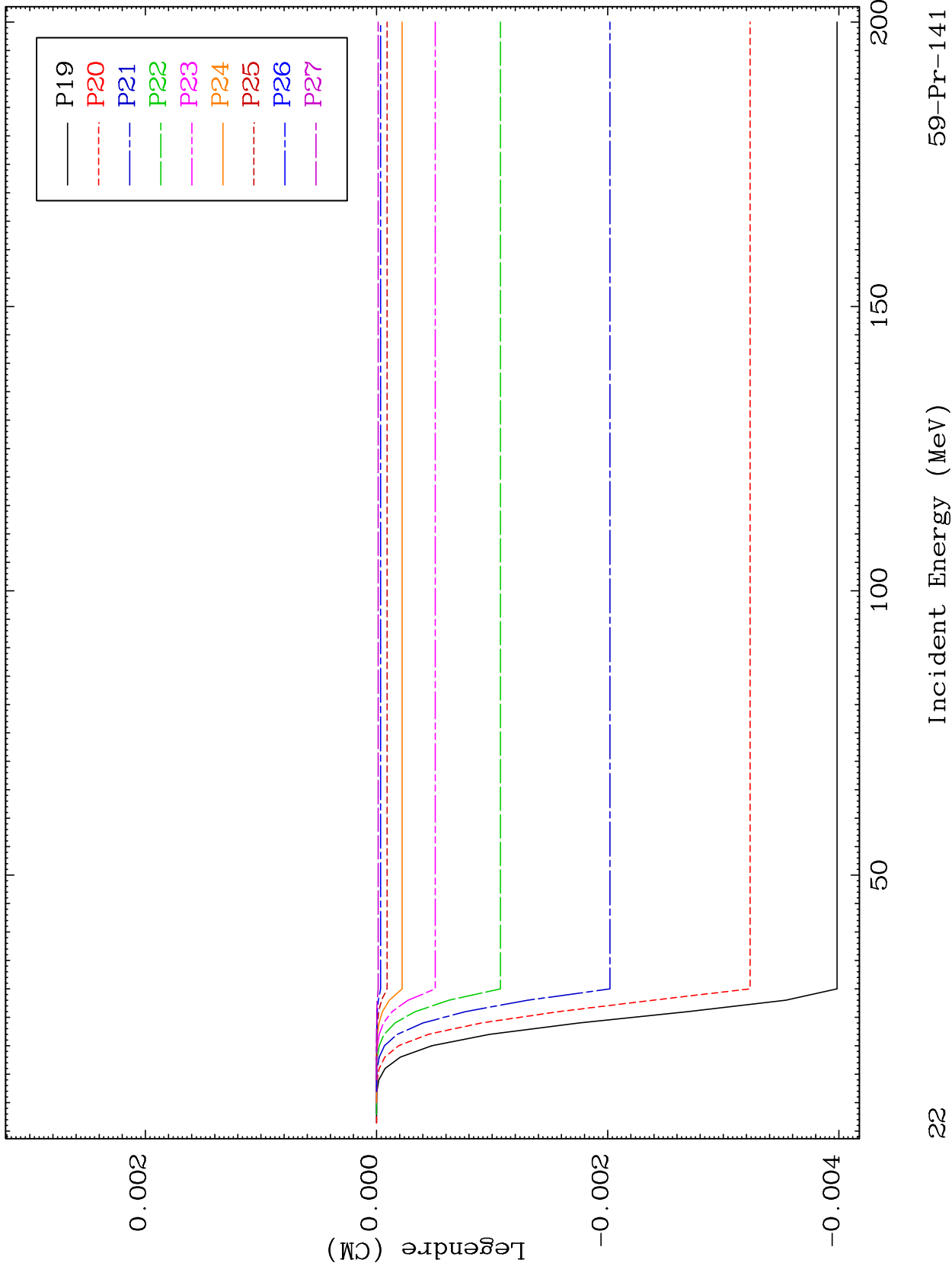
59-Pr-141



21

Incident Energy (MeV)

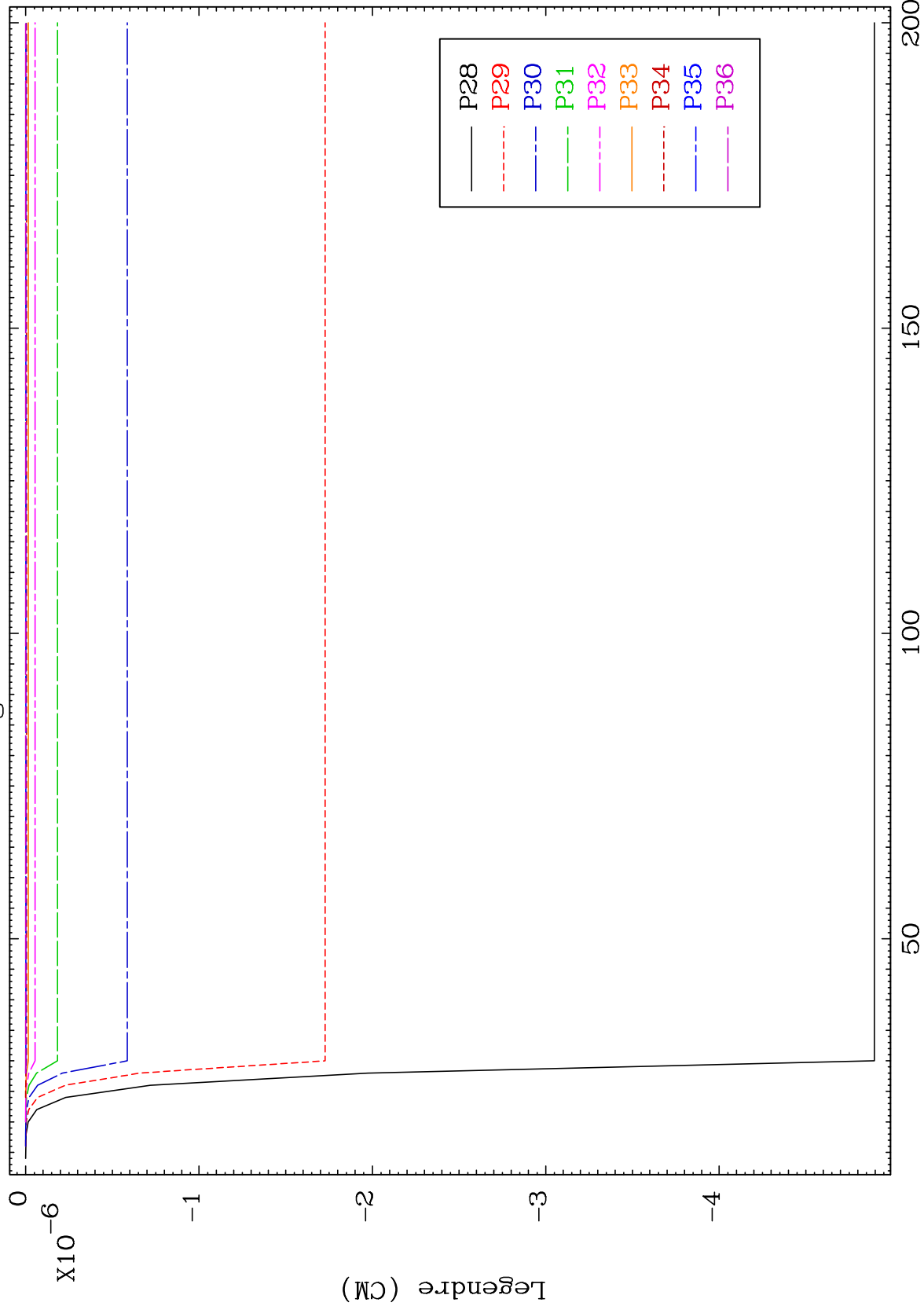
59-Pr-141



MAT 5925

MT= 51 (n,n') Level
Legendre Coefficients

59-Pr-141



23

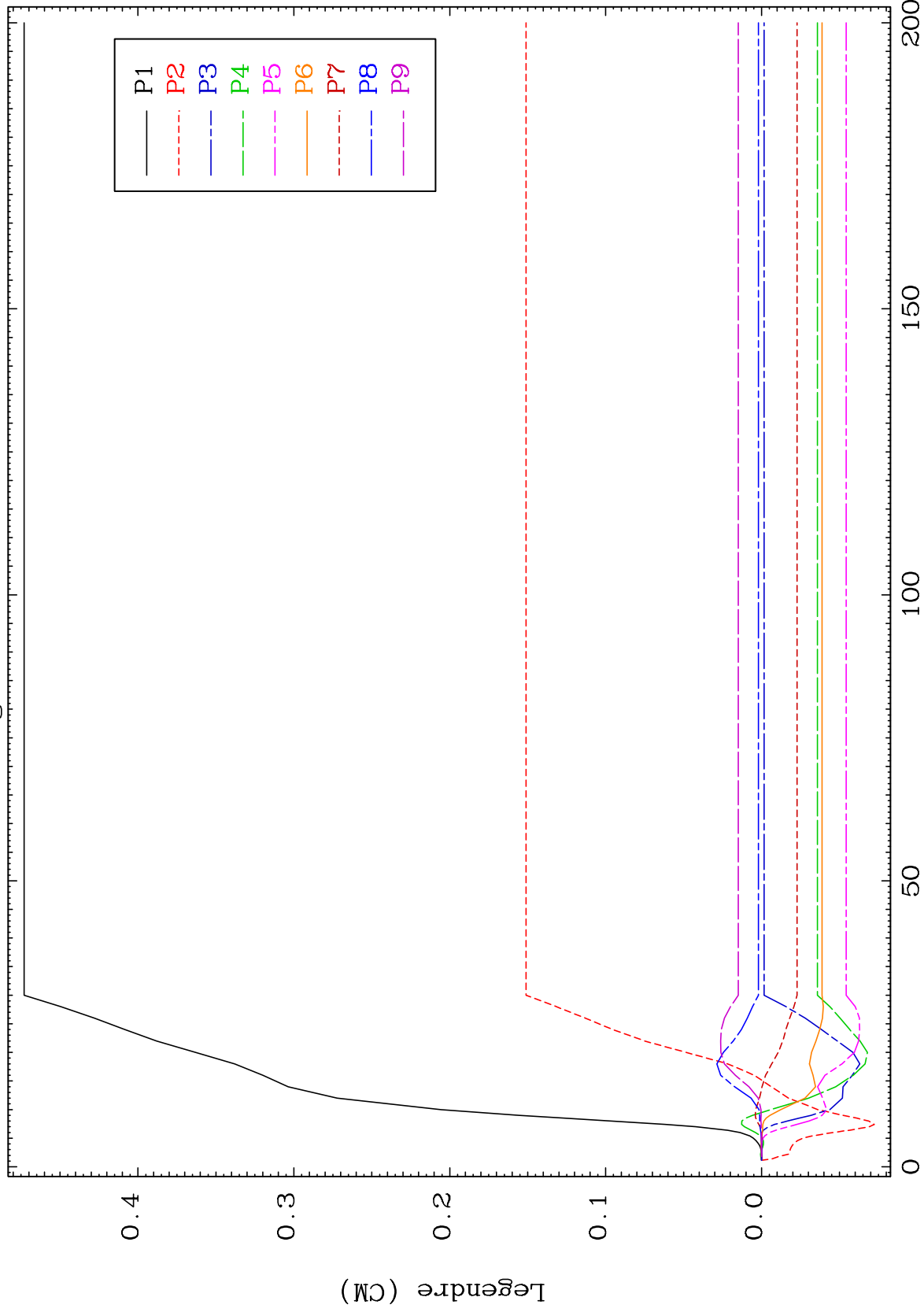
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 52 (n,n') Level
Legendre Coefficients

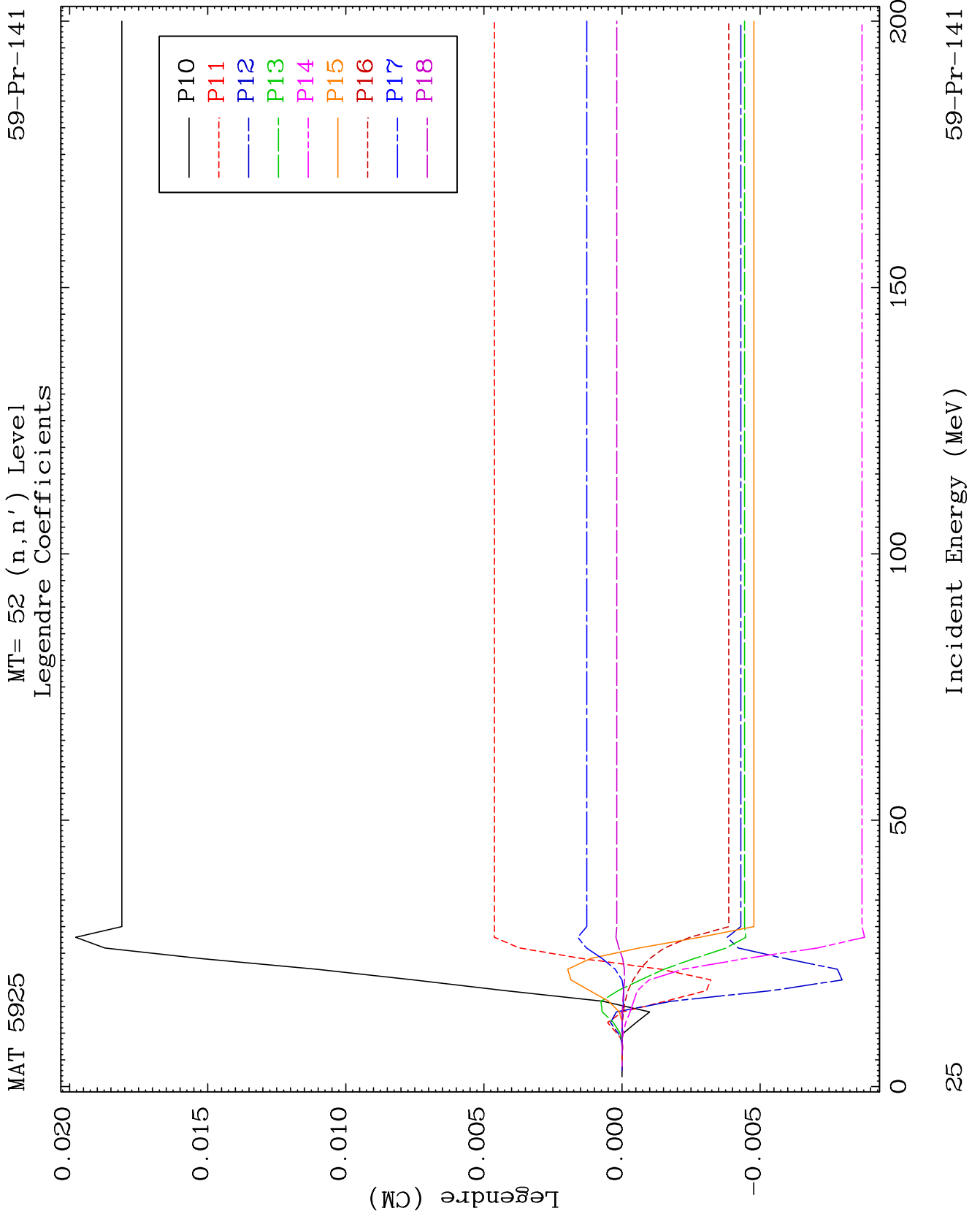
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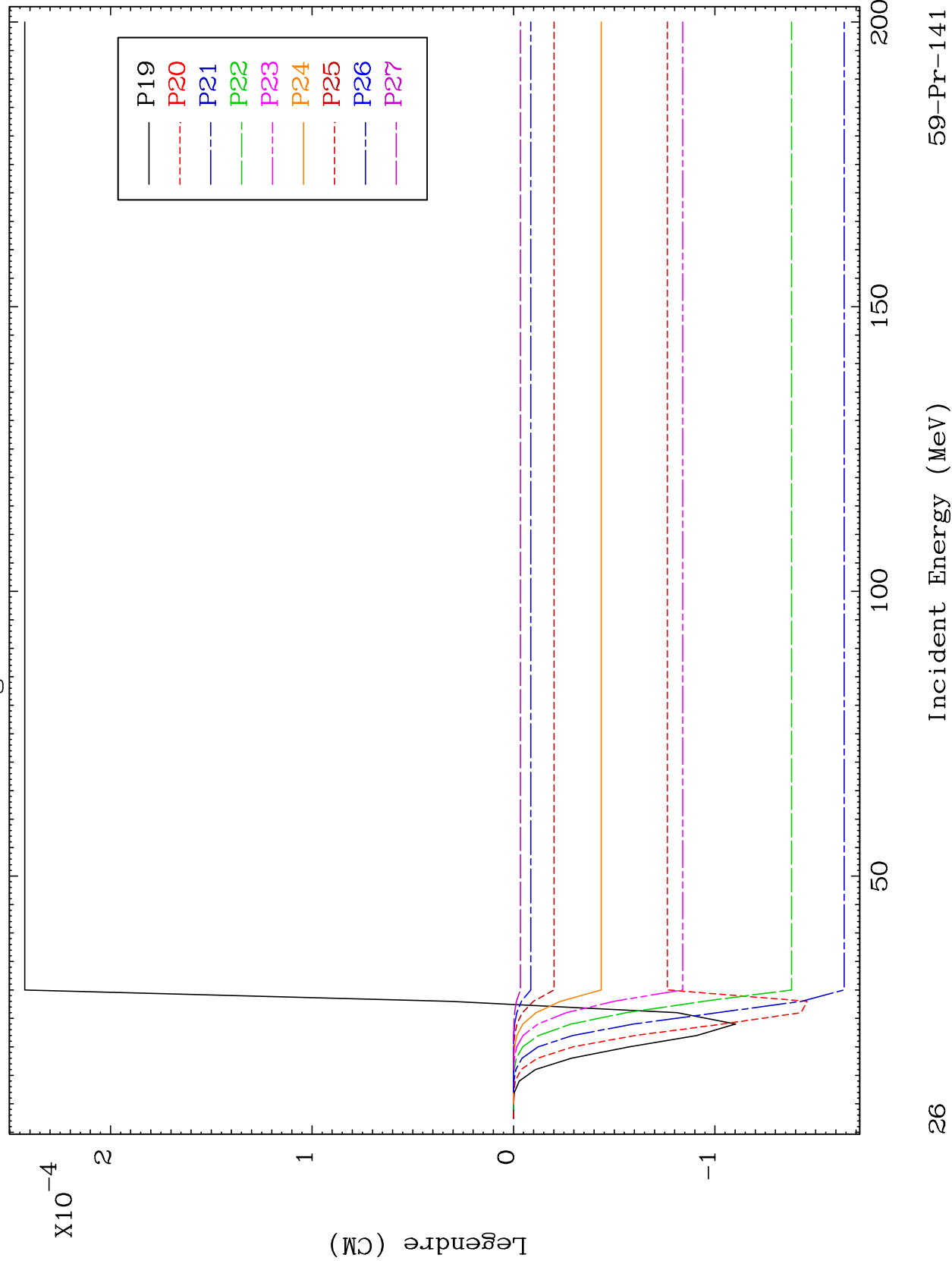


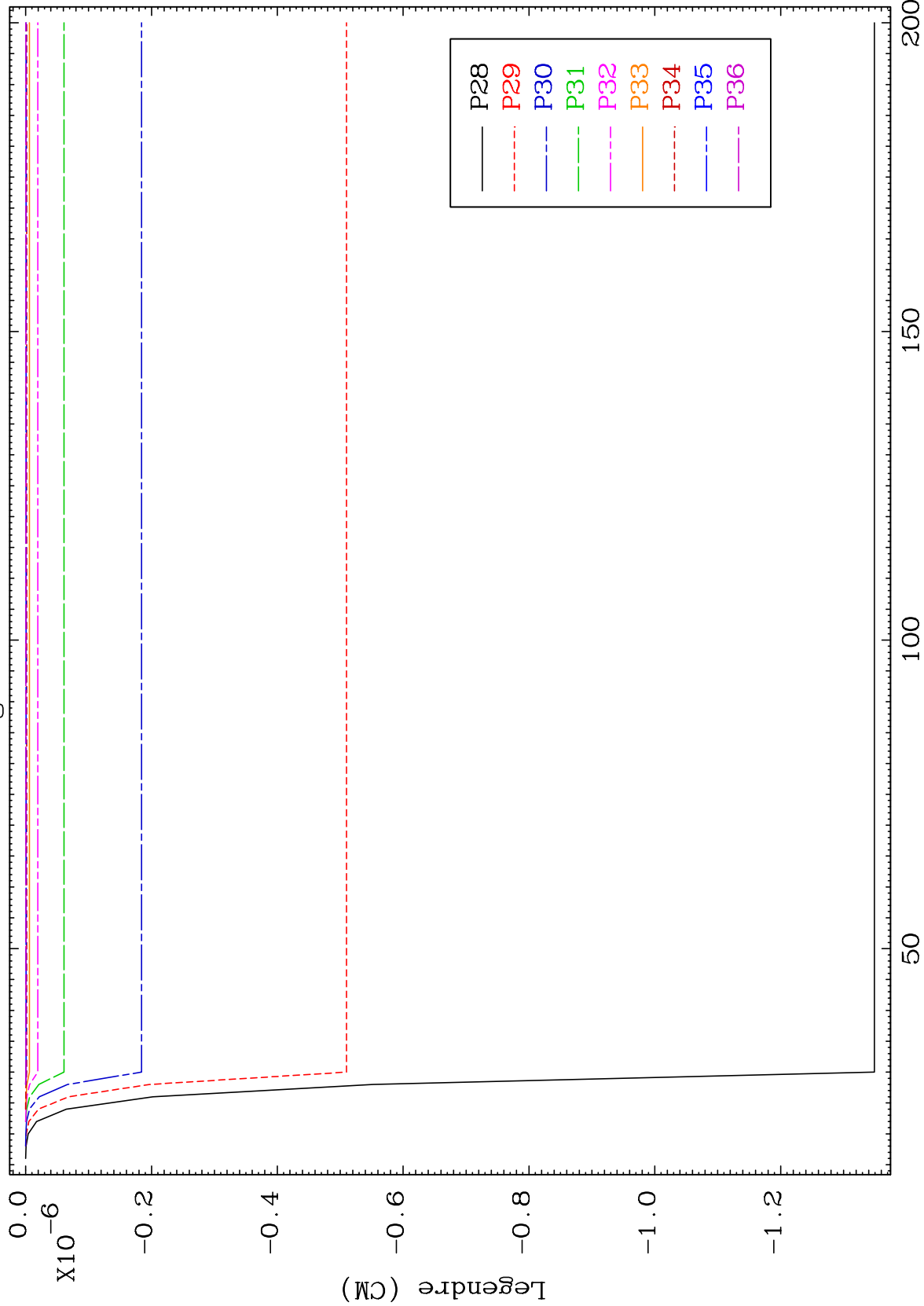
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Incident Energy (MeV)

59-Pr-141



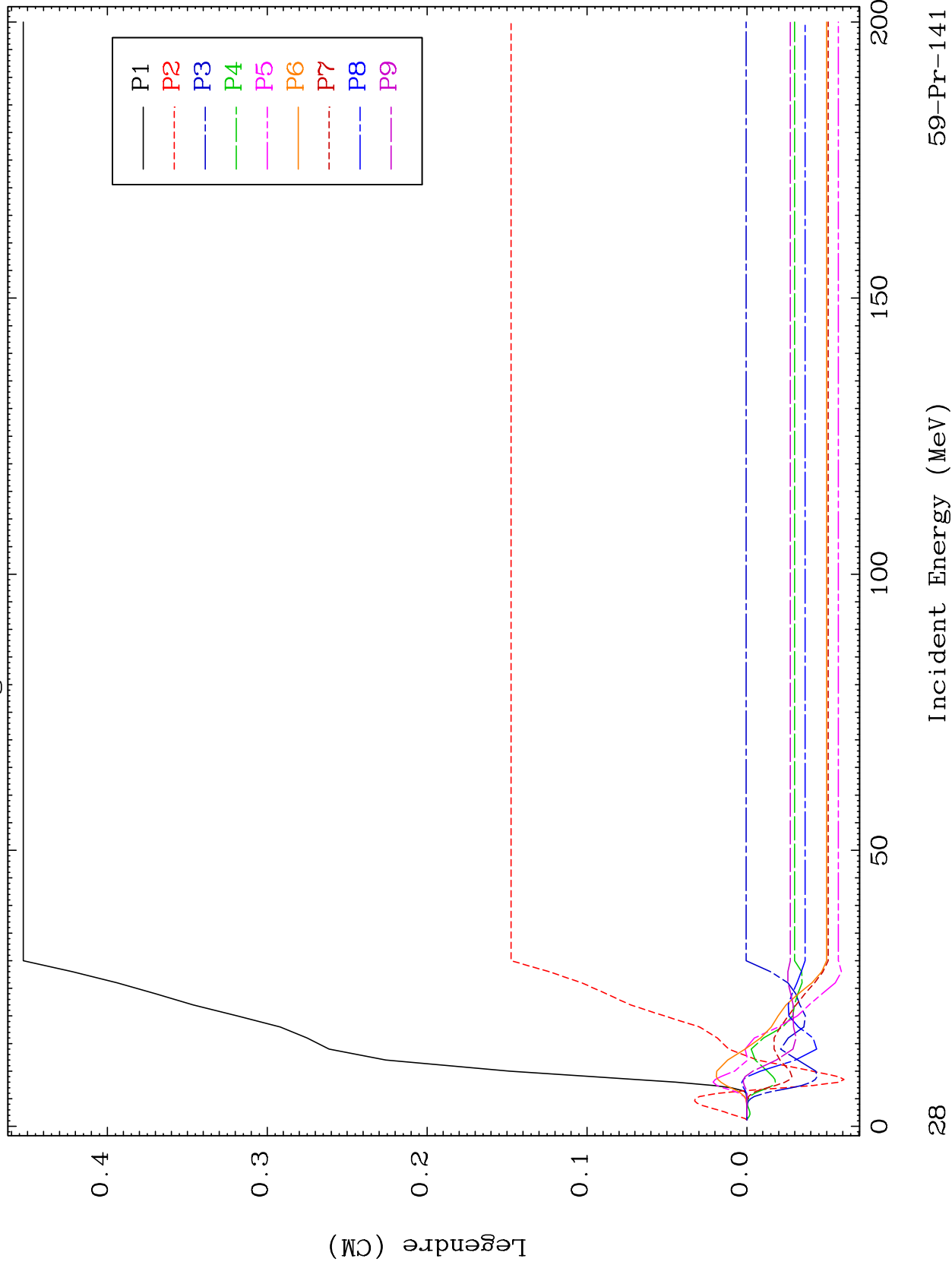




MAT 5925

MT= 53 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

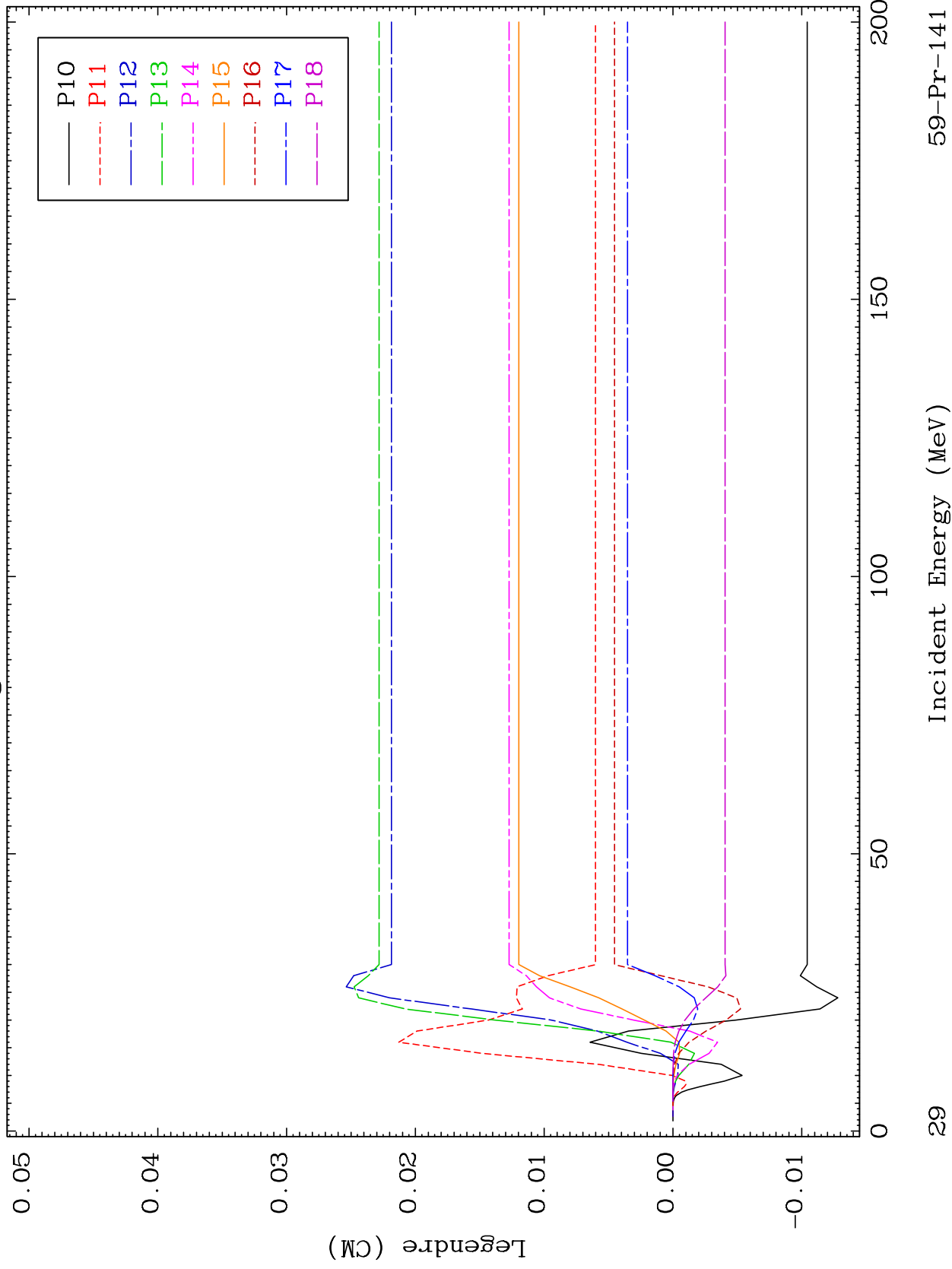
Incident Energy (MeV)

28

MAT 5925

MT= 53 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

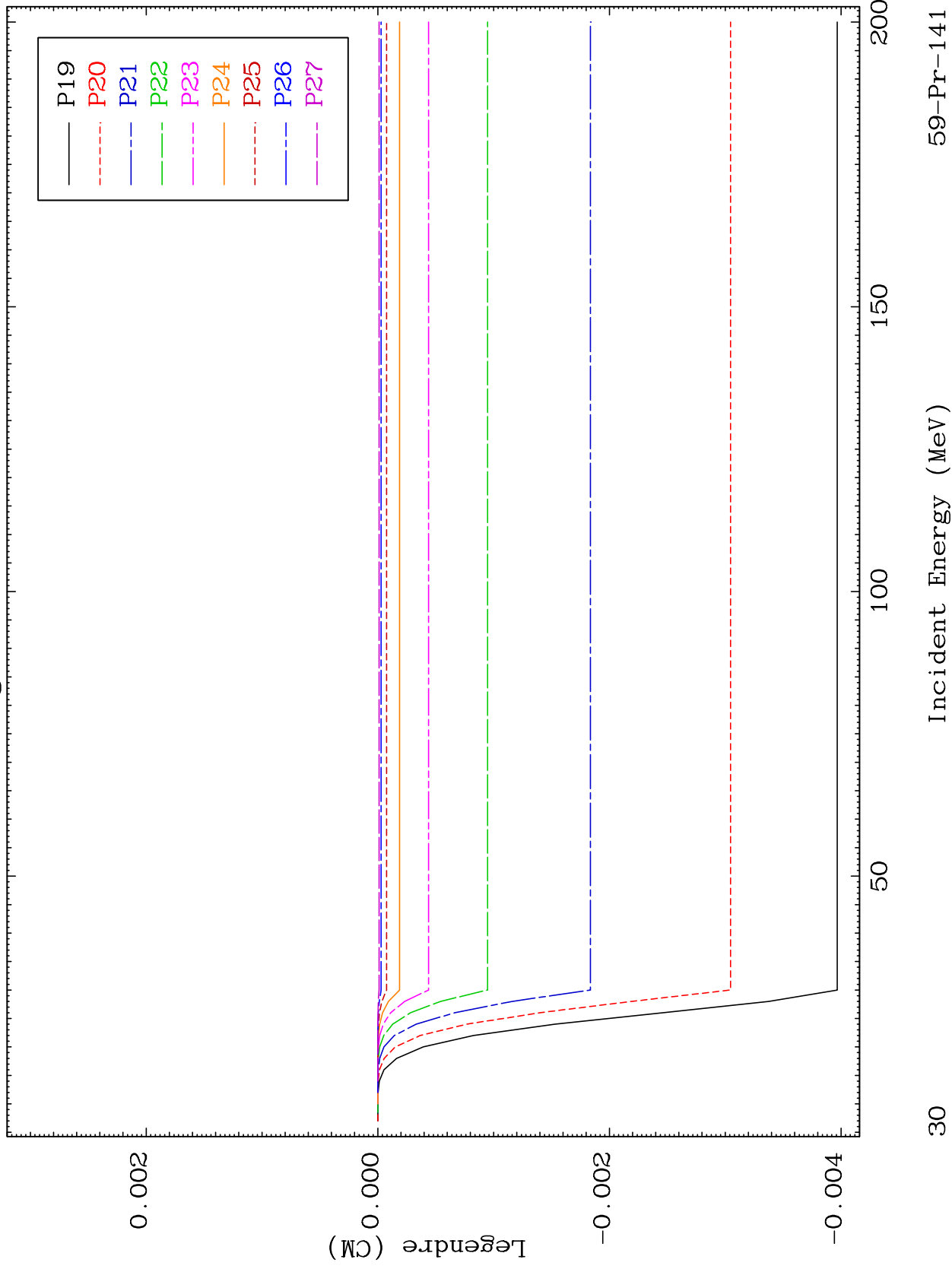
Incident Energy (MeV)

29

MAT 5925

MT= 53 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

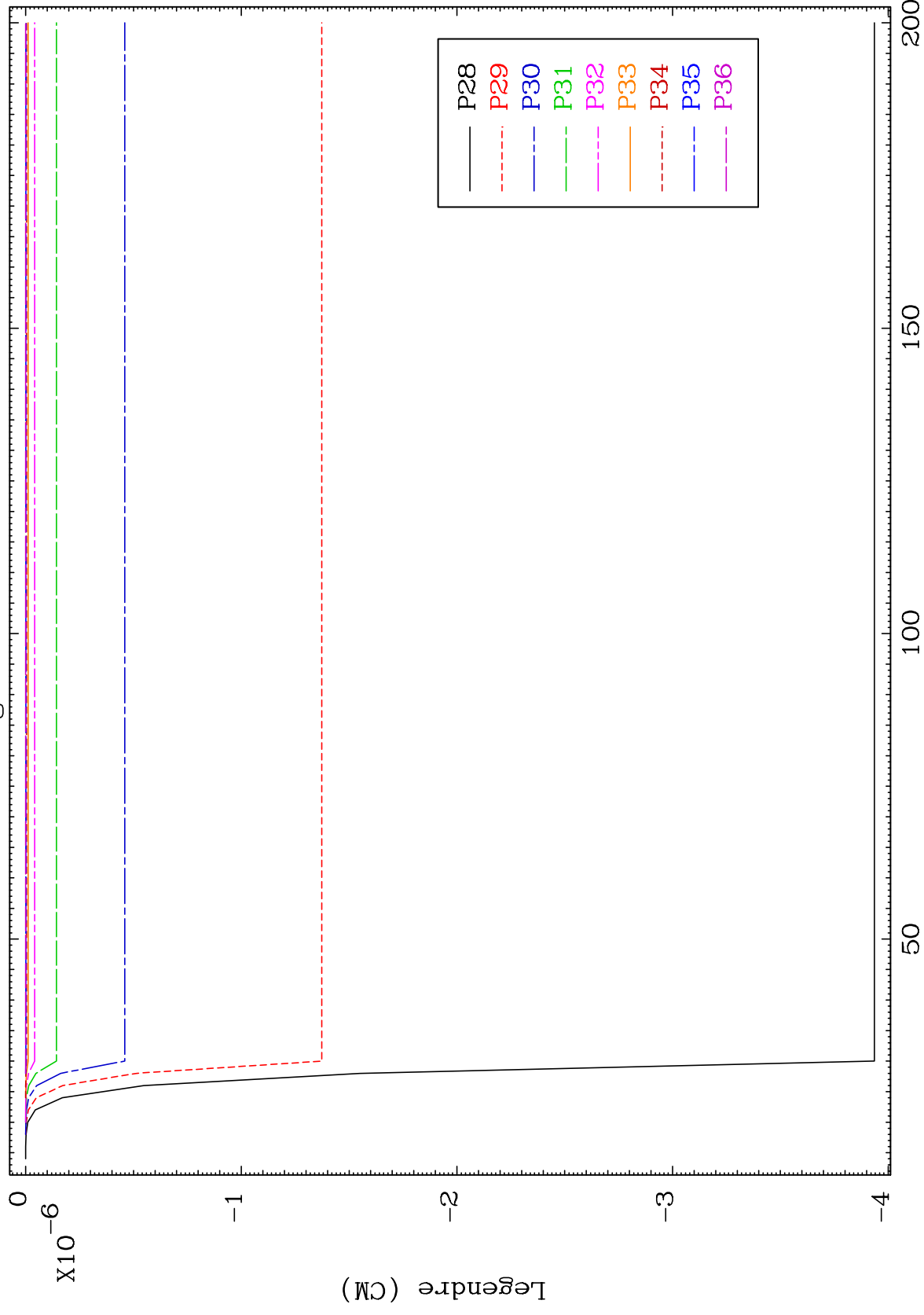
Incident Energy (MeV)

30

MAT 5925

MT= 53 (n,n') Level
Legendre Coefficients

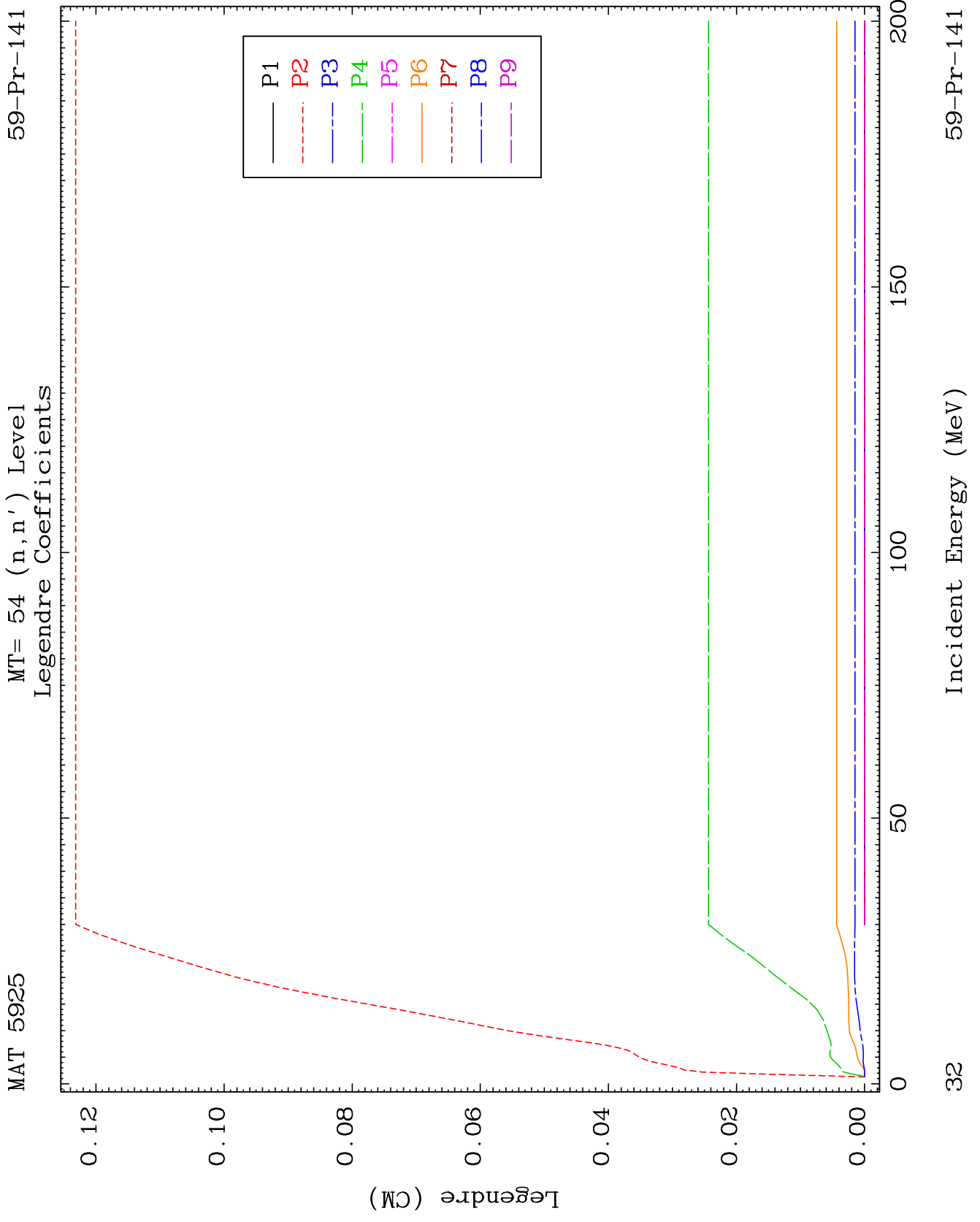
59-Pr-141



31

Incident Energy (MeV)

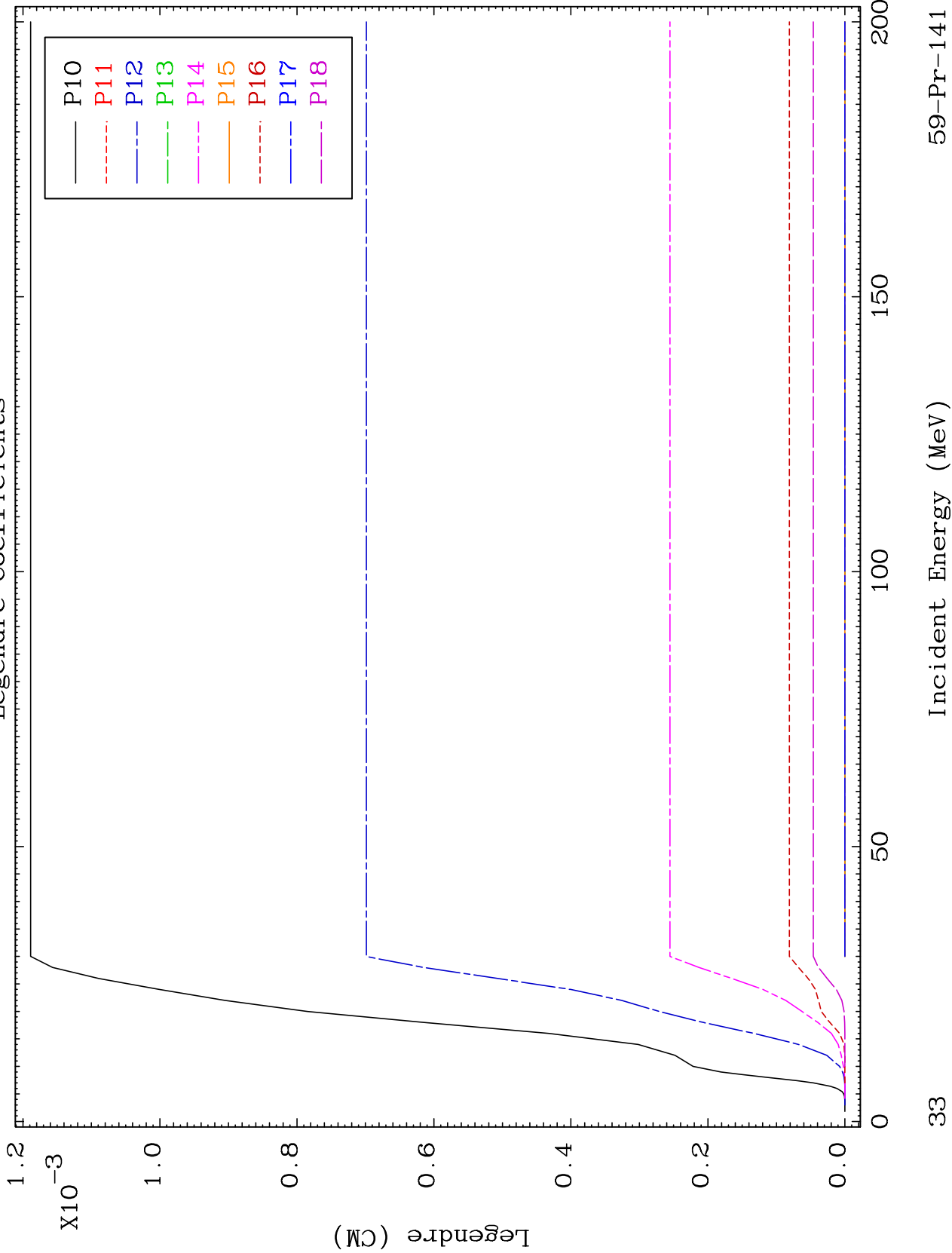
59-Pr-141



59-Pr-141

Incident Energy (MeV)

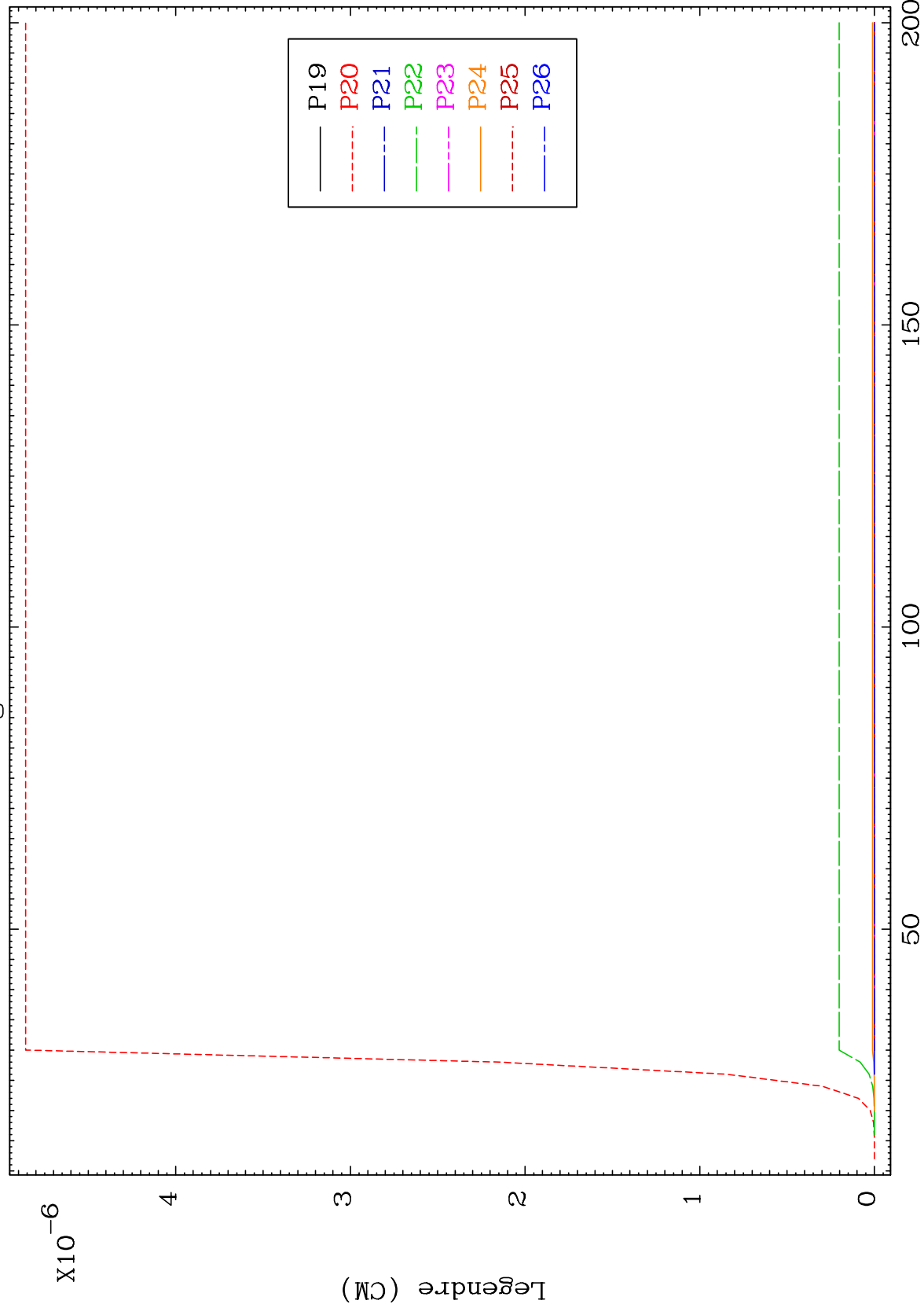
32



MAT 5925

MT= 54 (n,n') Level
Legendre Coefficients

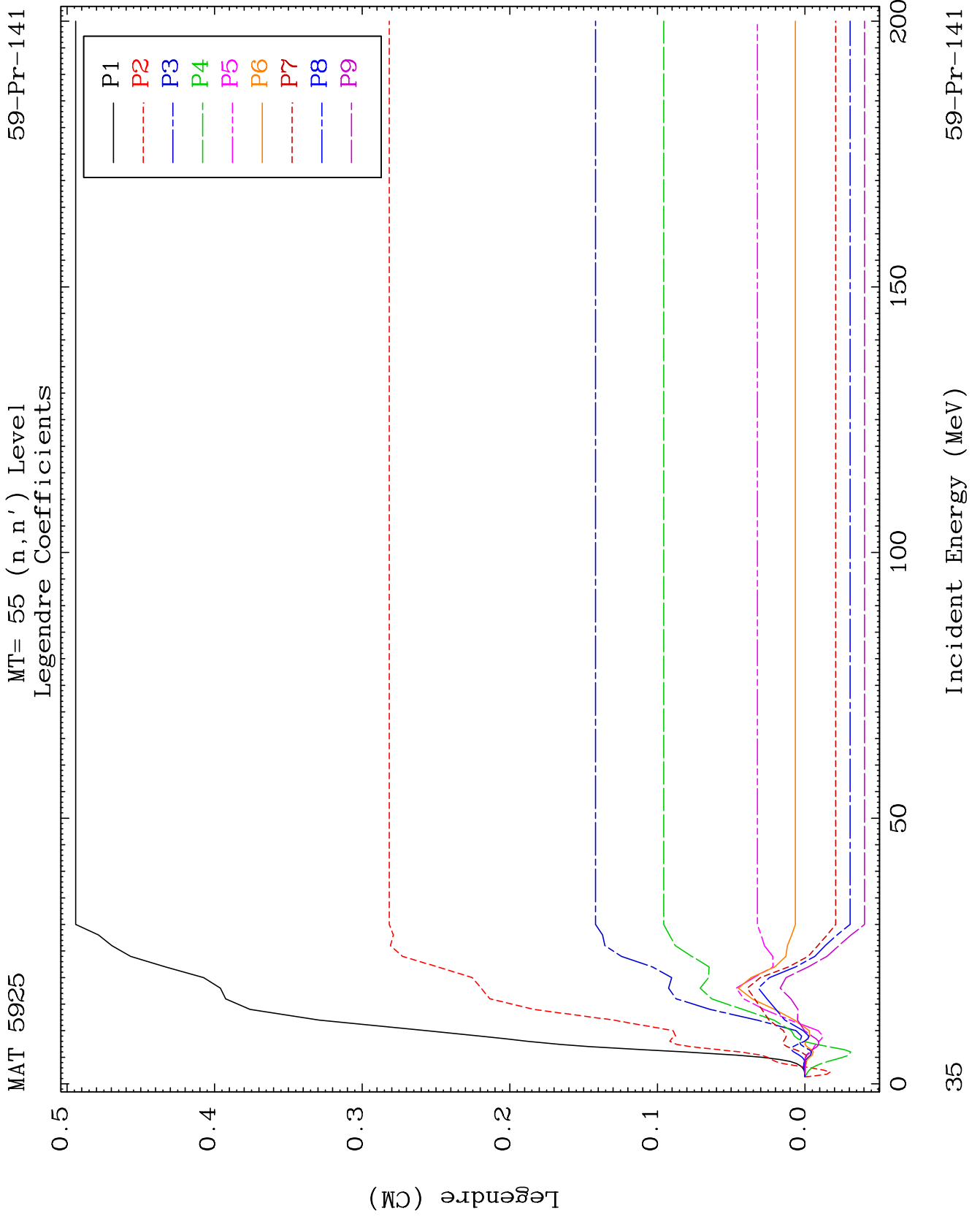
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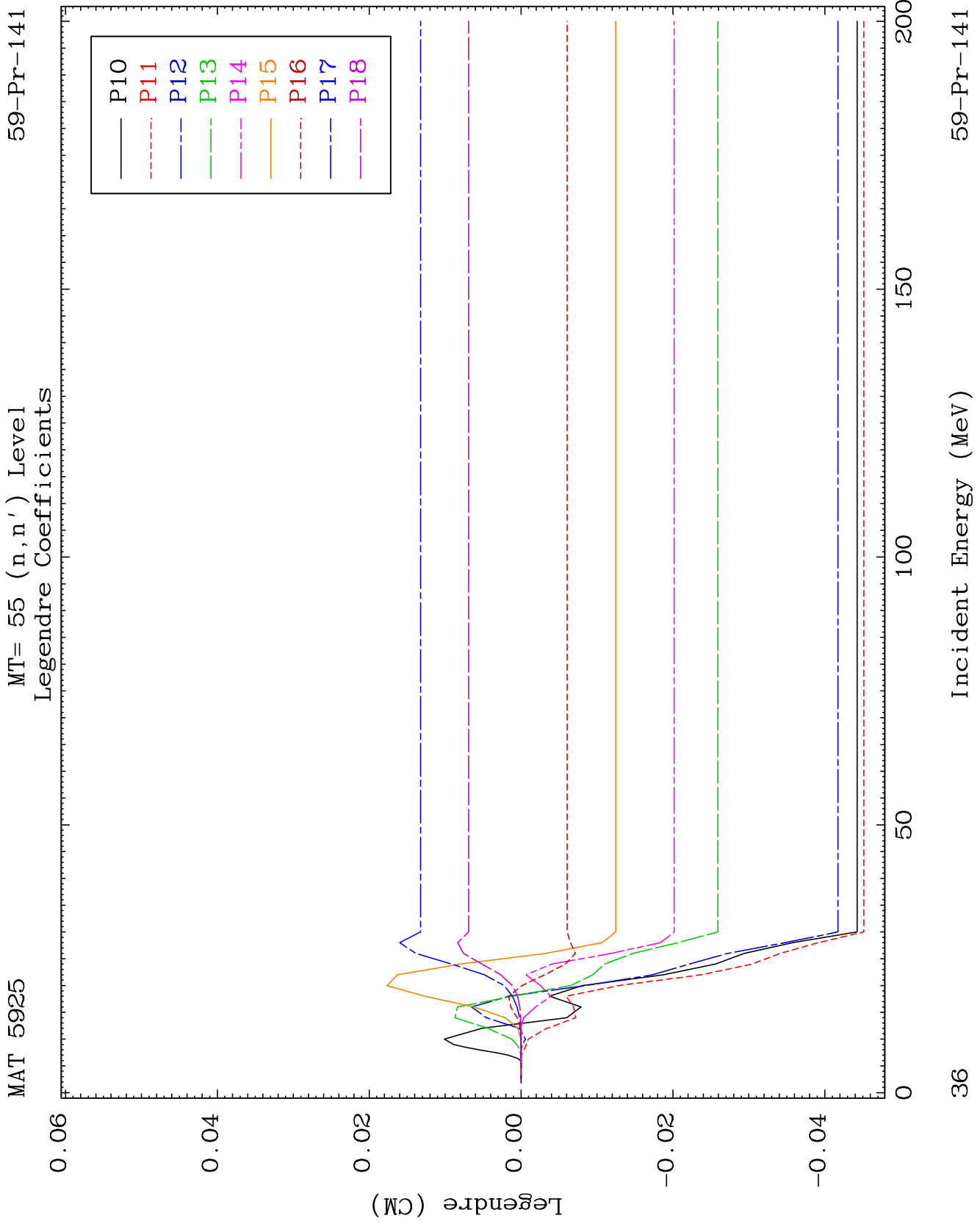


34

Incident Energy (MeV)

59-Pr-141

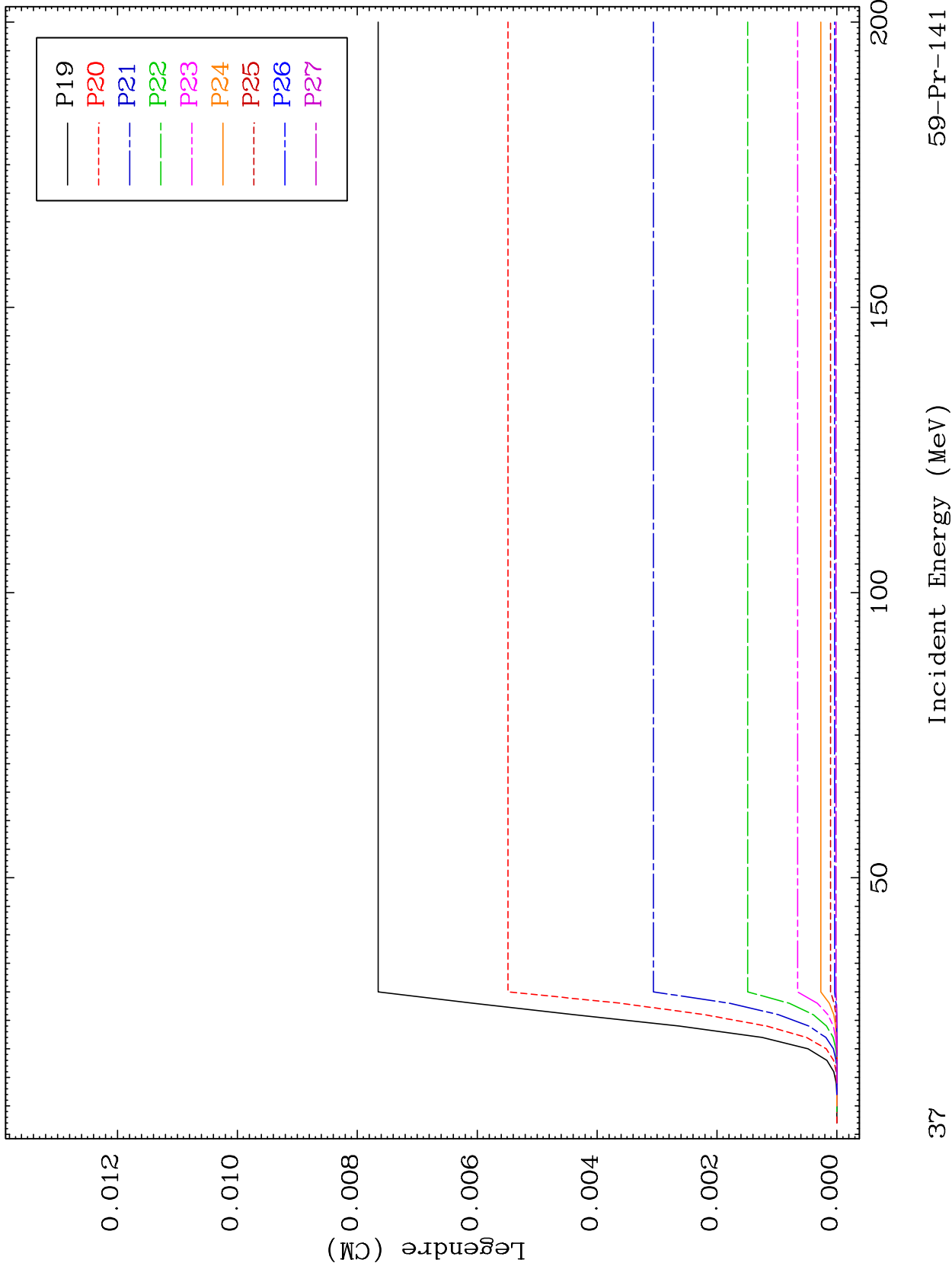




MAT 5925

MT= 55 (n,n') Level
Legendre Coefficients

59-Pr-141



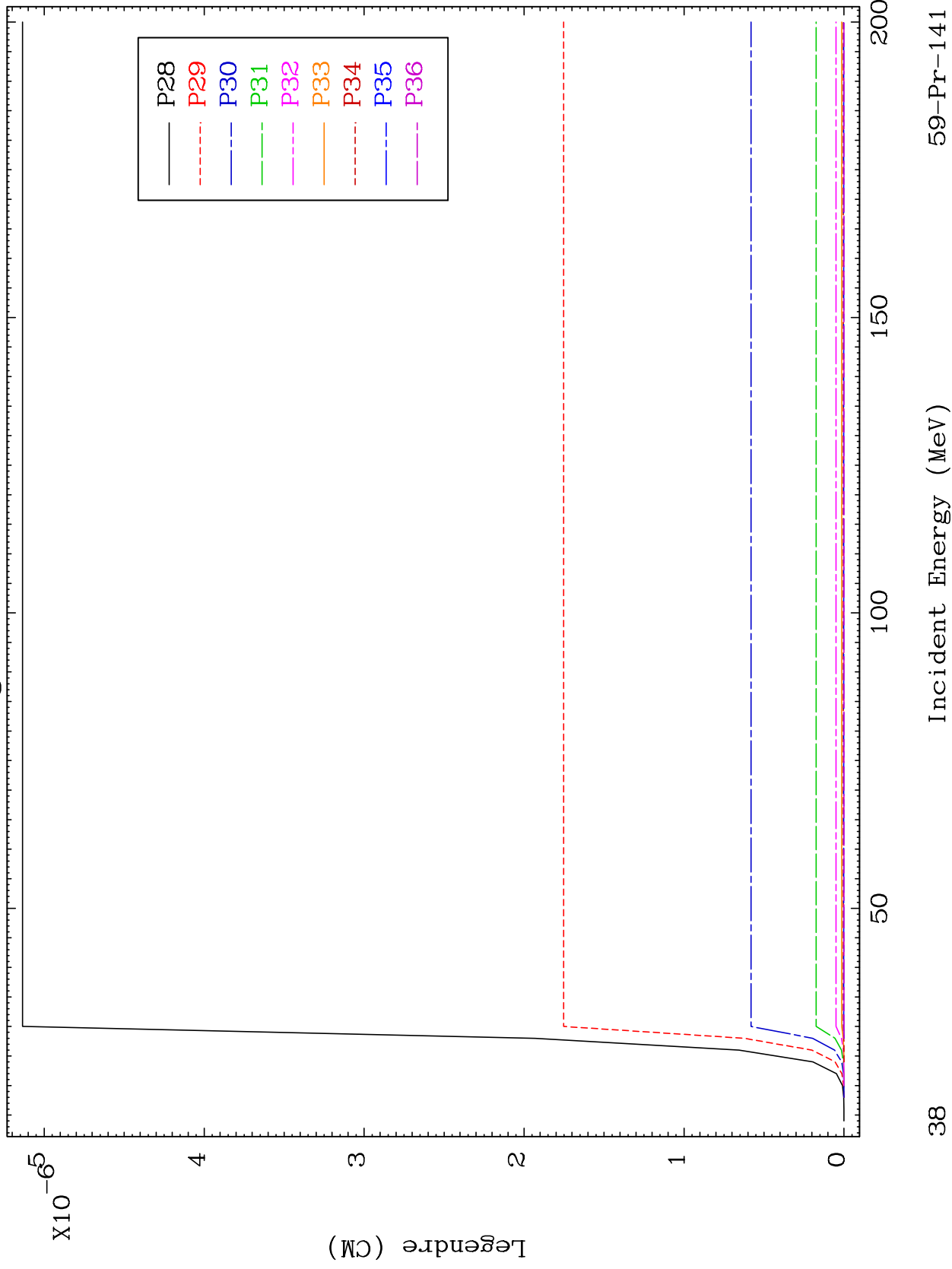
37

59-Pr-141

MAT 5925

MT= 55 (n,n') Level
Legendre Coefficients

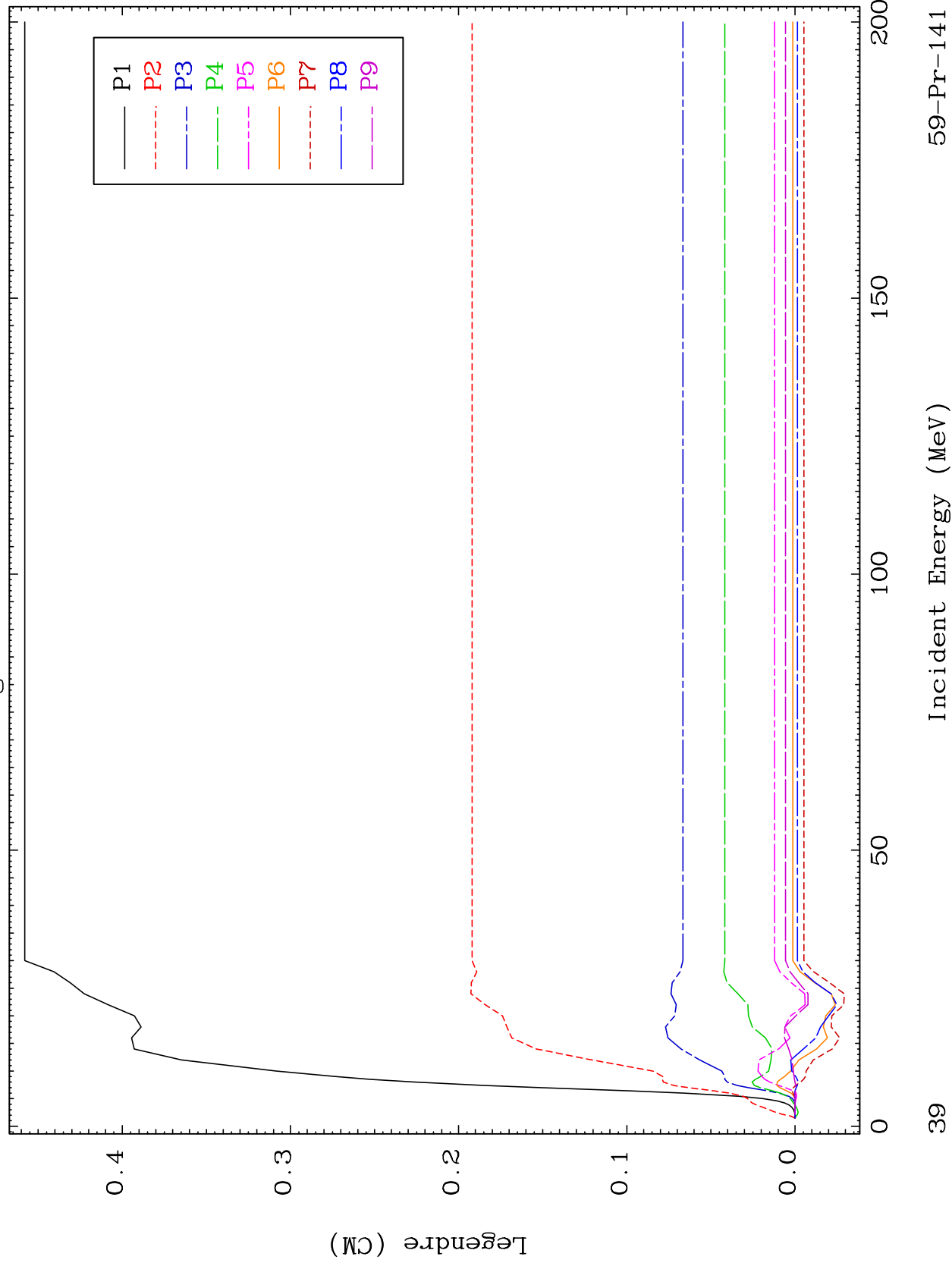
59-Pr-141



MAT 5925

MT= 56 (n,n') Level
Legendre Coefficients

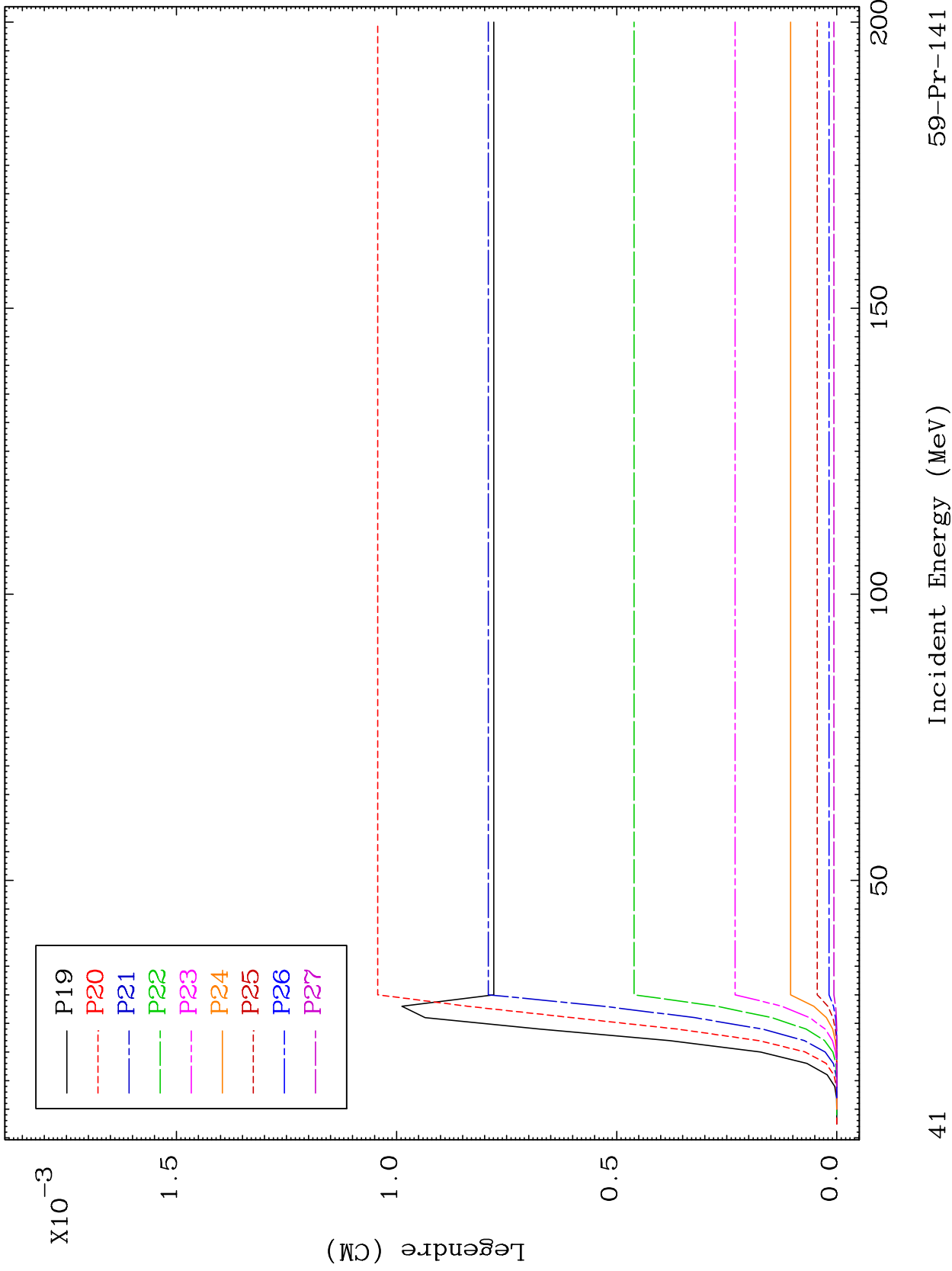
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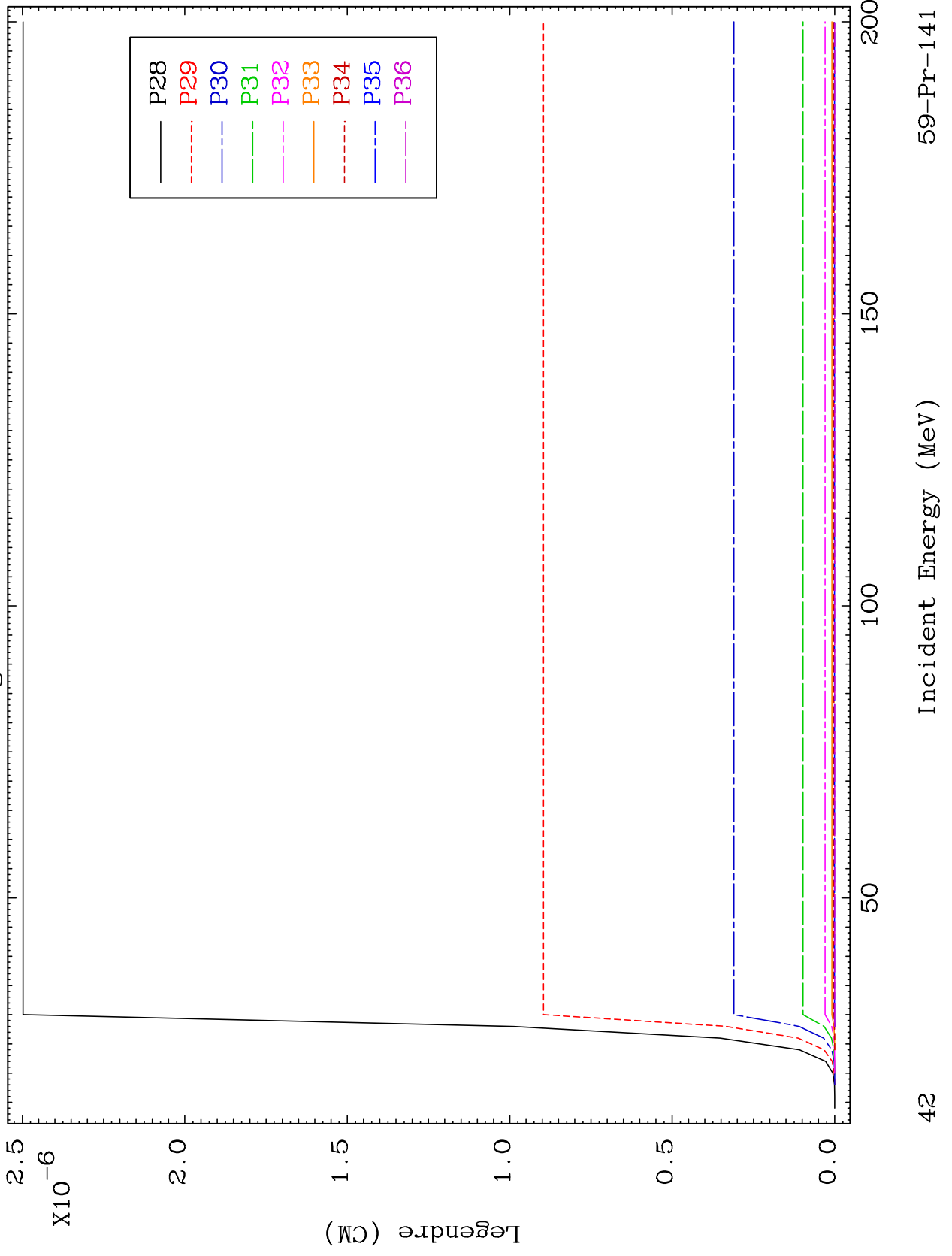


59-Pr-141

Incident Energy (MeV)

39

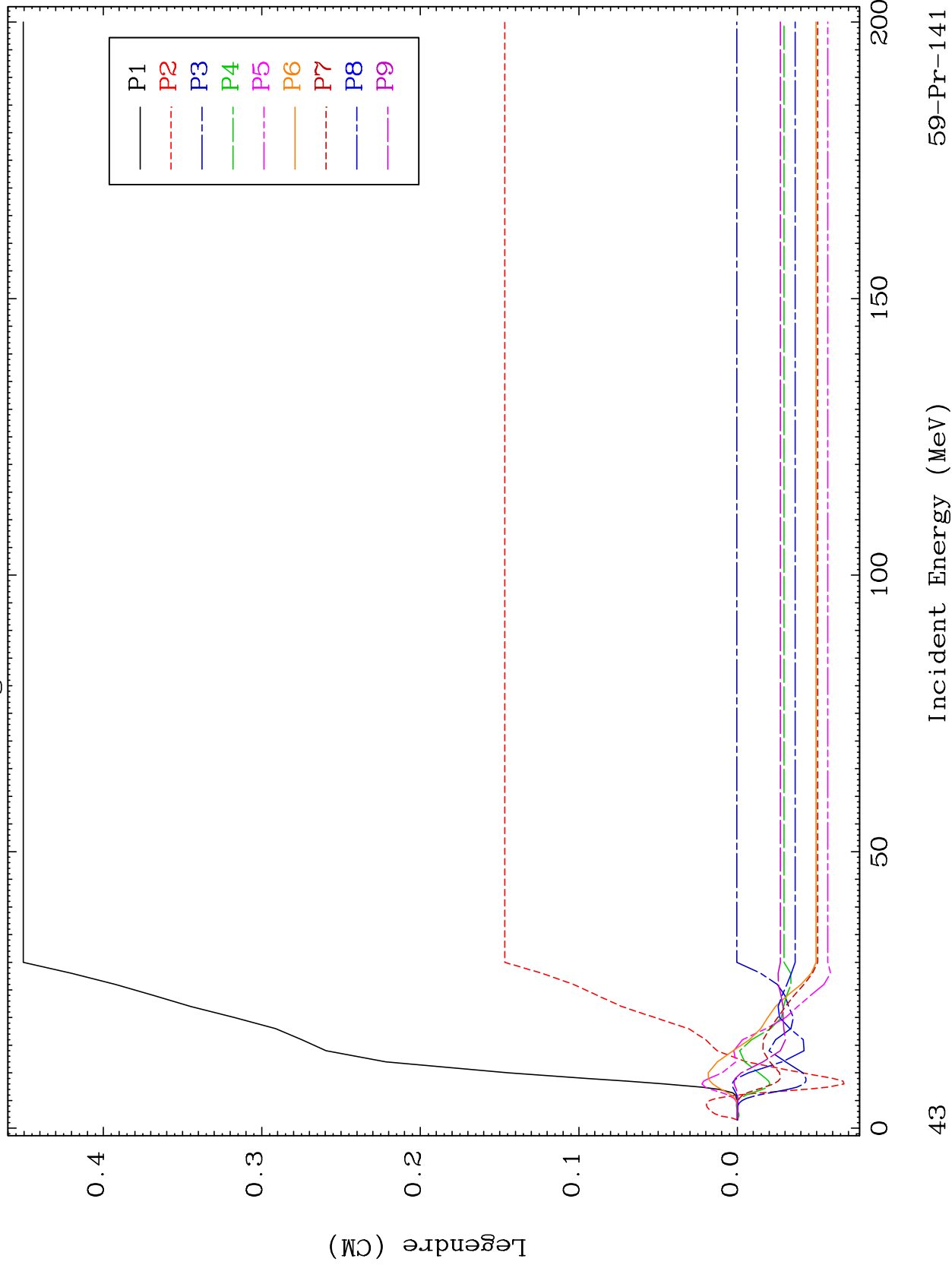




MAT 5925

MT= 57 (n,n') Level
Legendre Coefficients

59-Pr-141



43

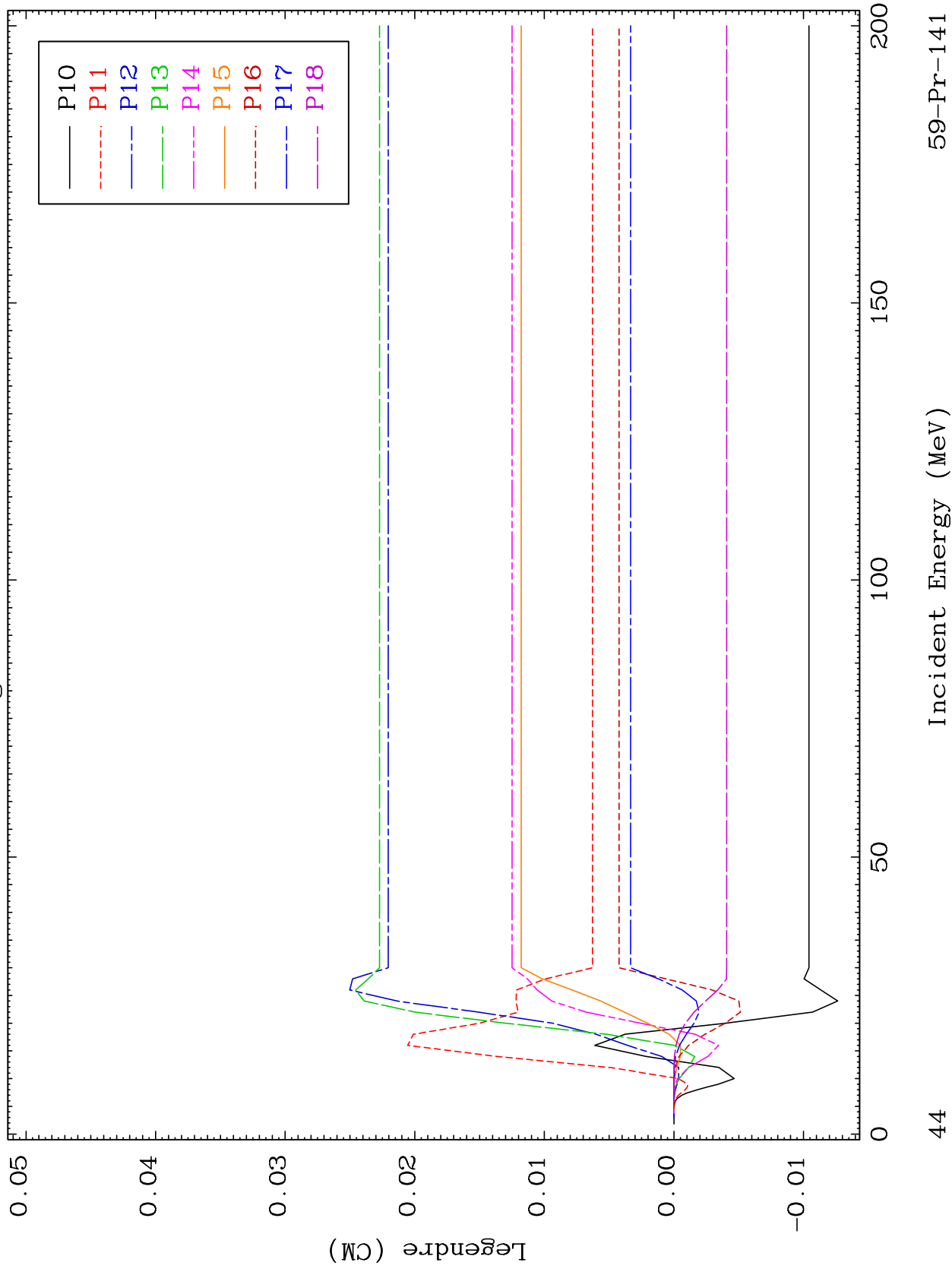
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 57 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

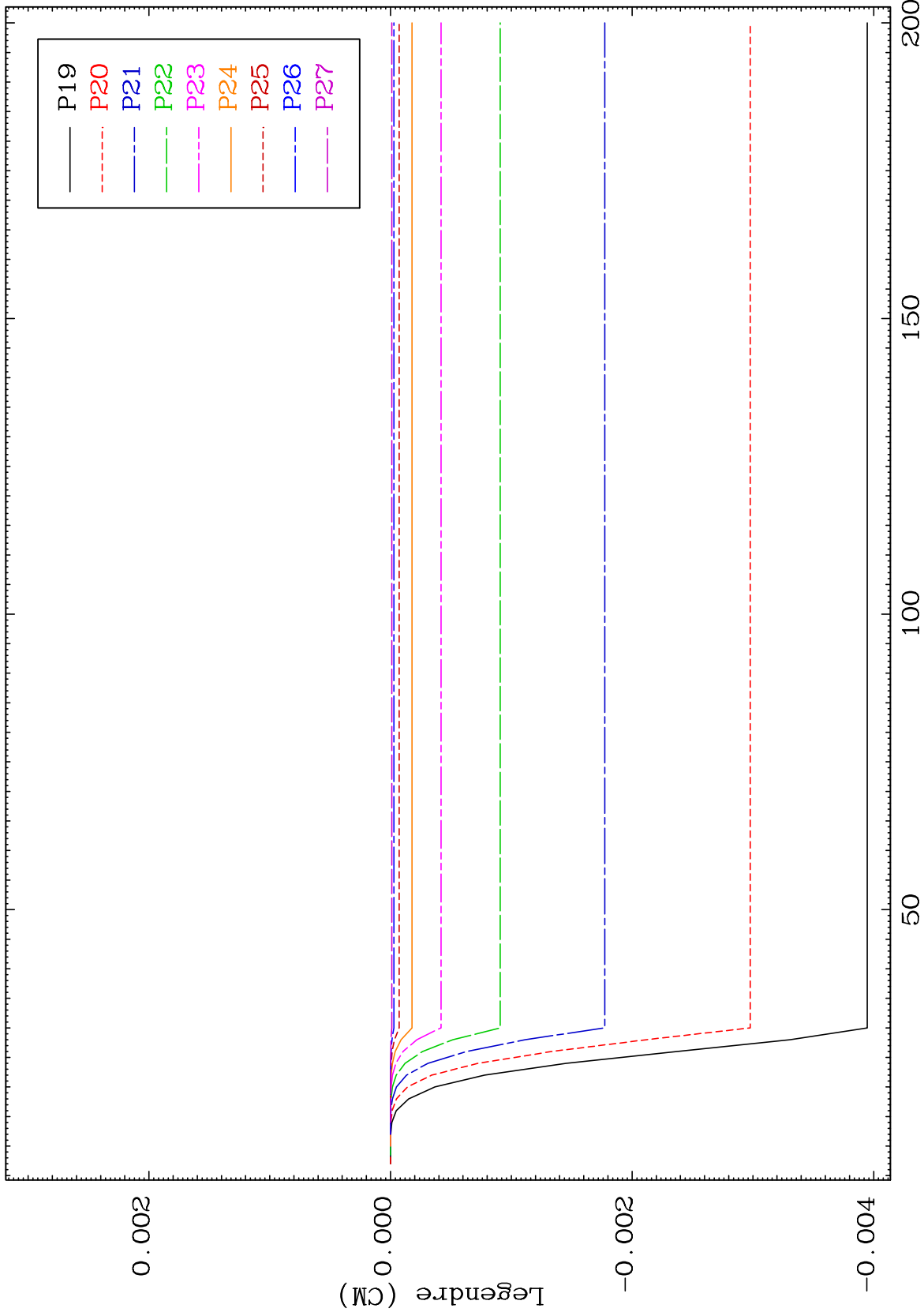
Incident Energy (MeV)

44

MAT 5925

MT= 57 (n,n') Level
Legendre Coefficients

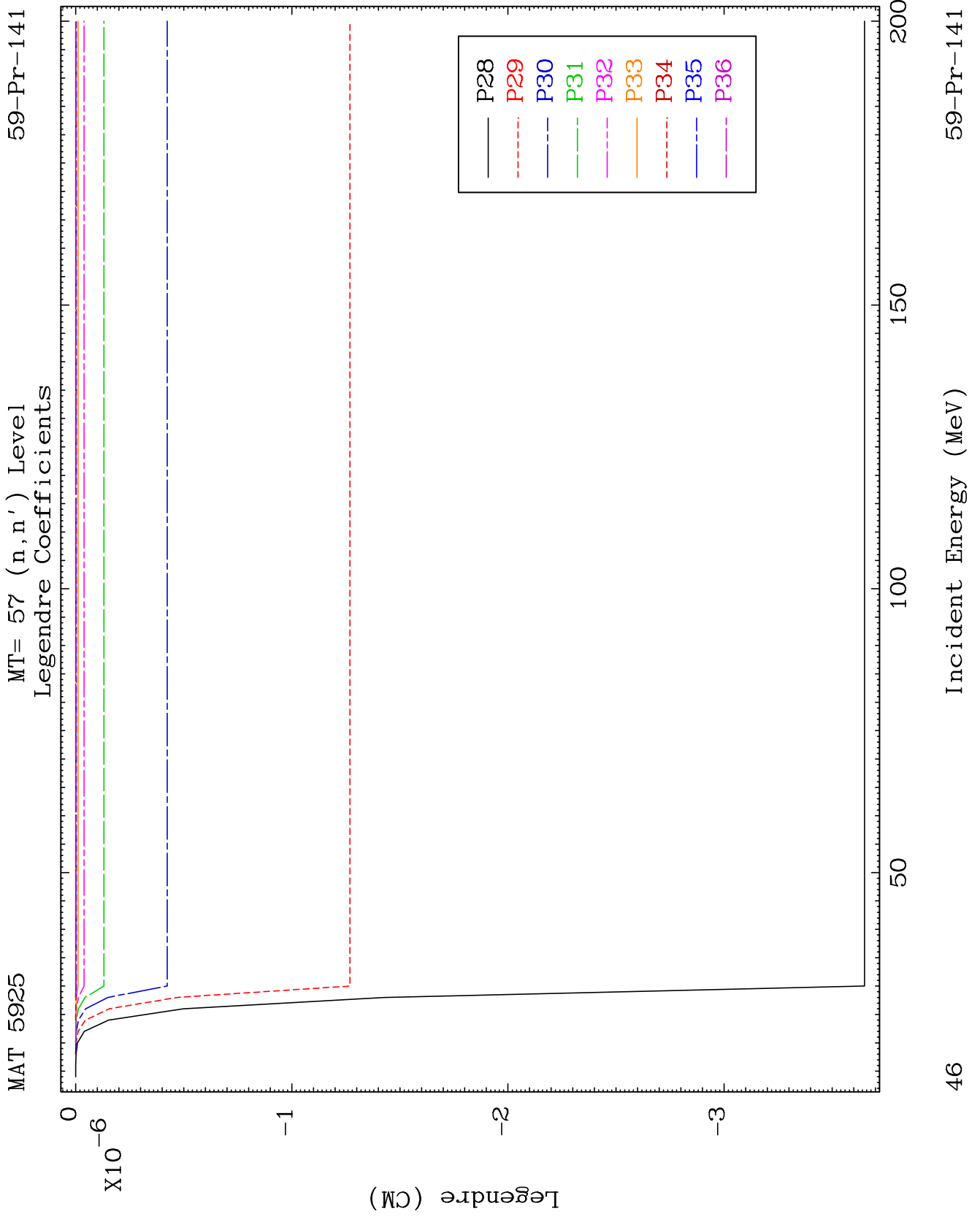
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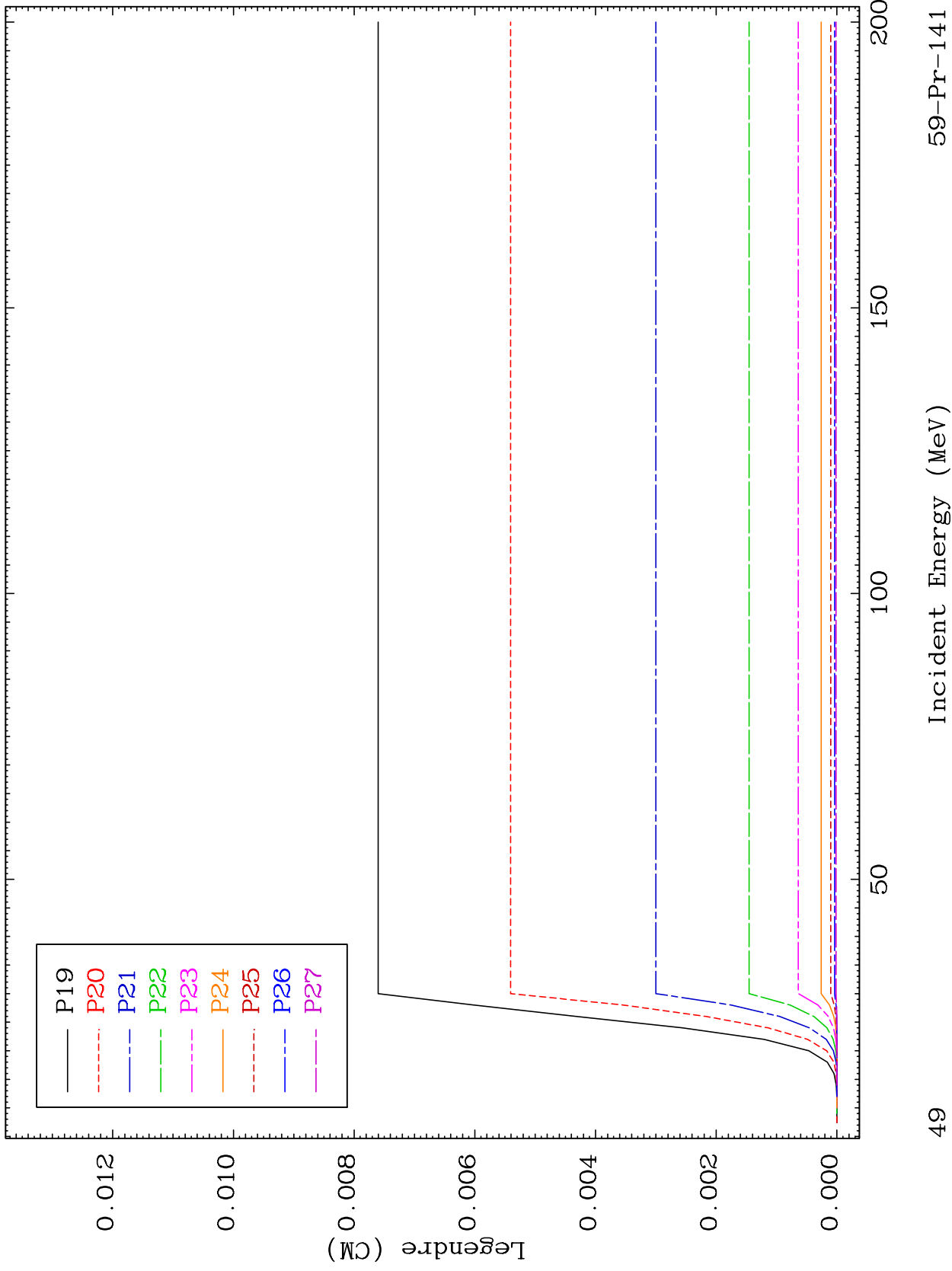


45

Incident Energy (MeV)

59-Pr-141

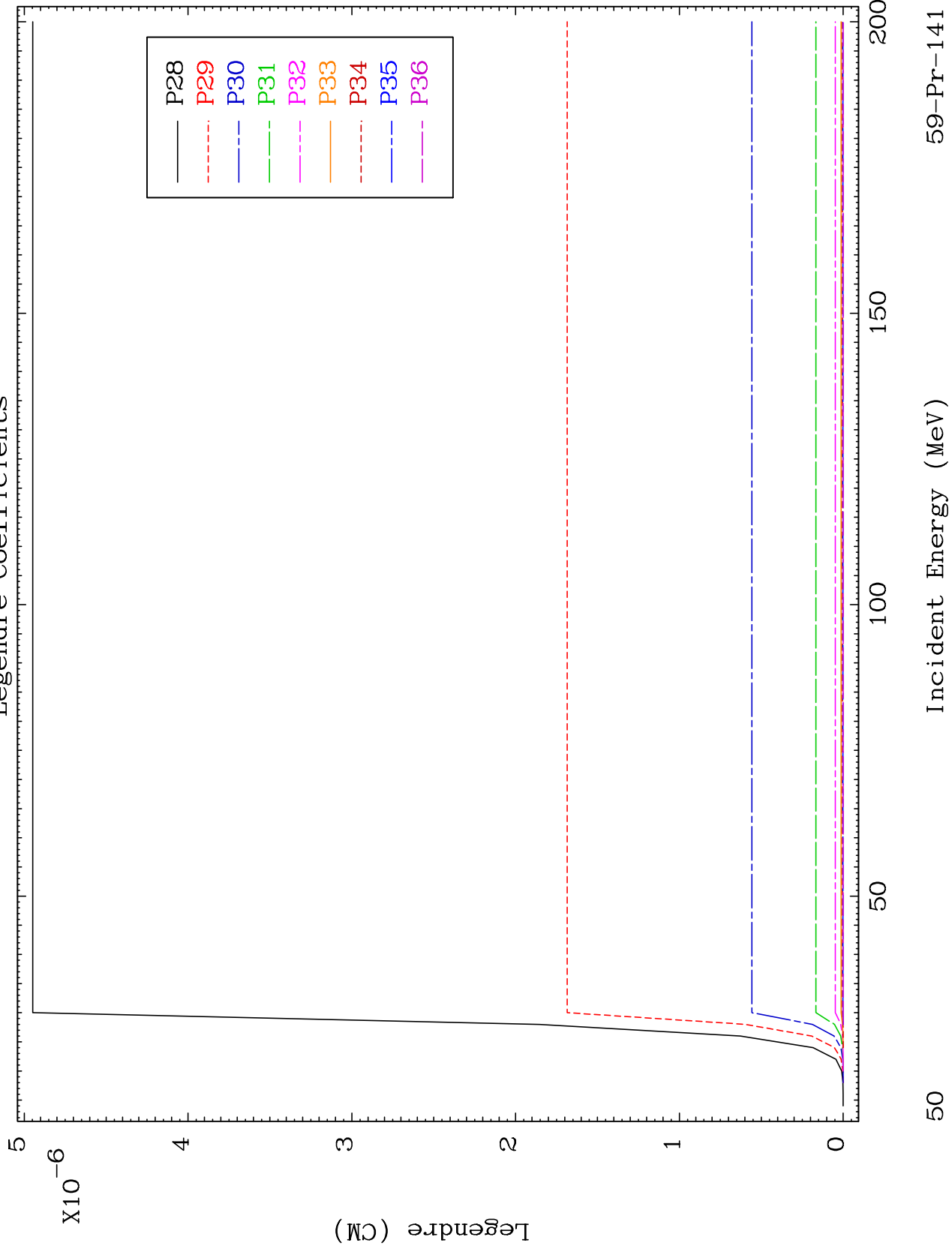




MAT 5925

MT= 58 (n,n') Level
Legendre Coefficients

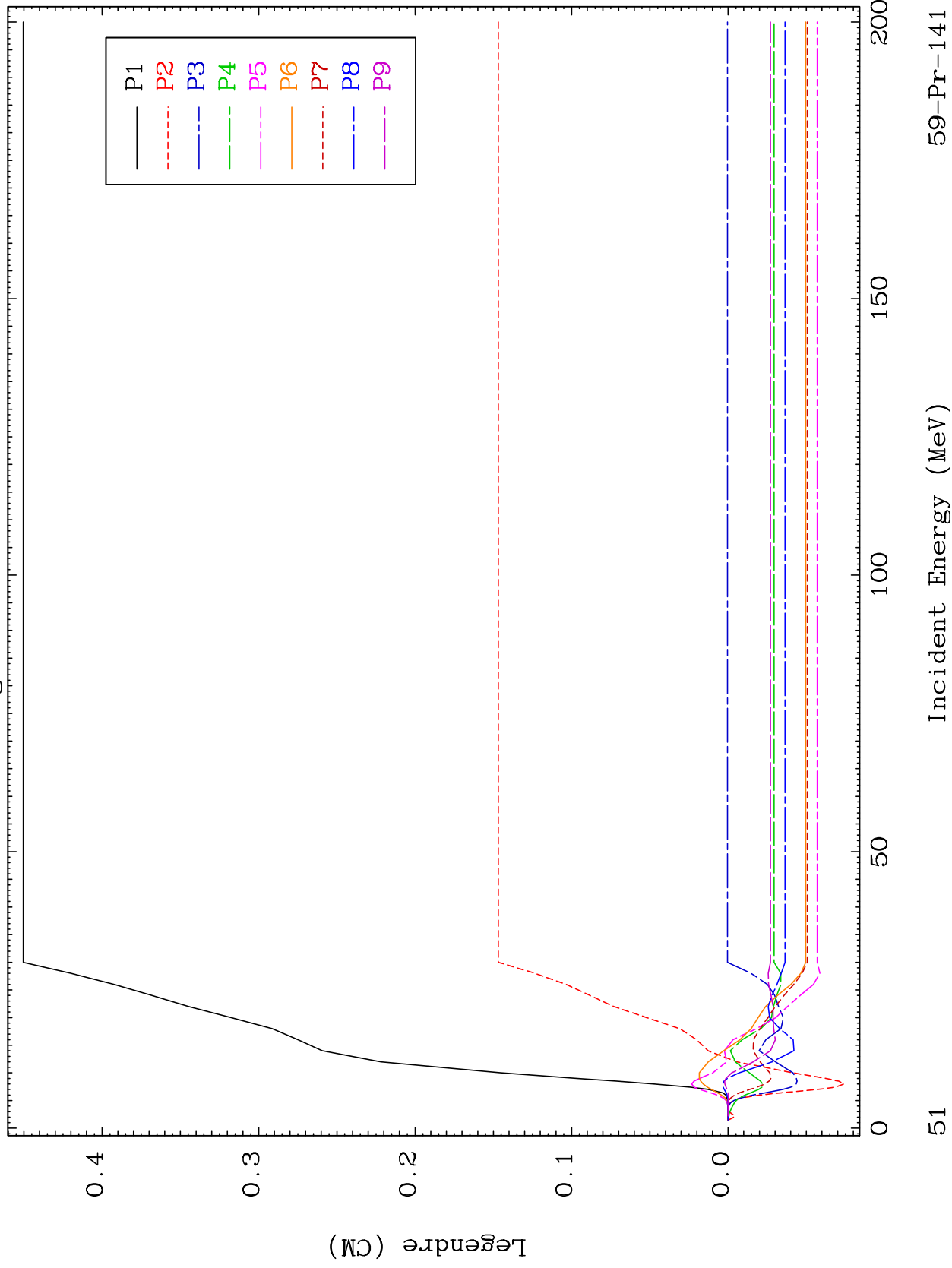
59-Pr-141



MAT 5925

MT= 59 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

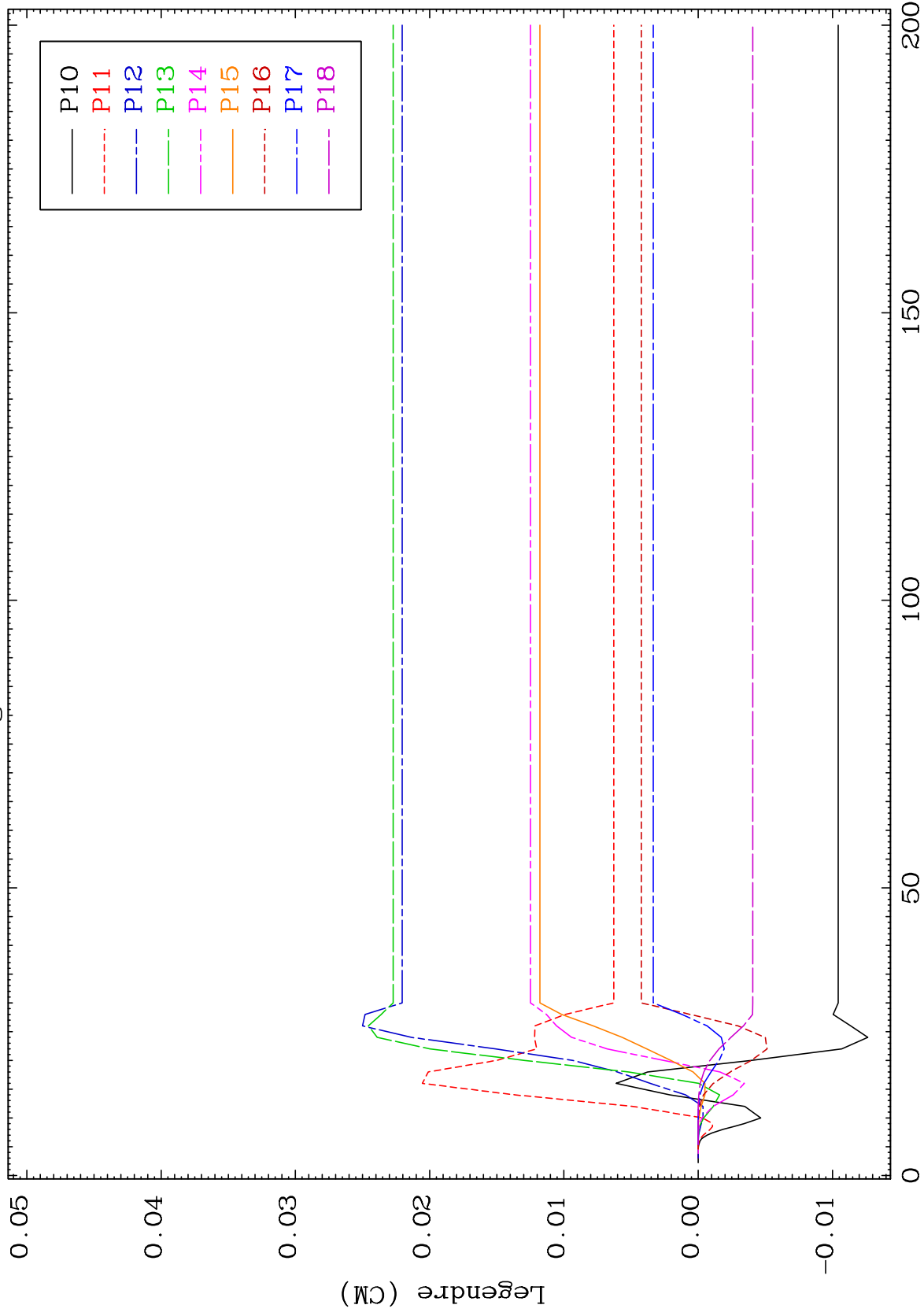
Incident Energy (MeV)

51

MAT 5925

MT= 59 (n,n') Level
Legendre Coefficients

59-Pr-141



52

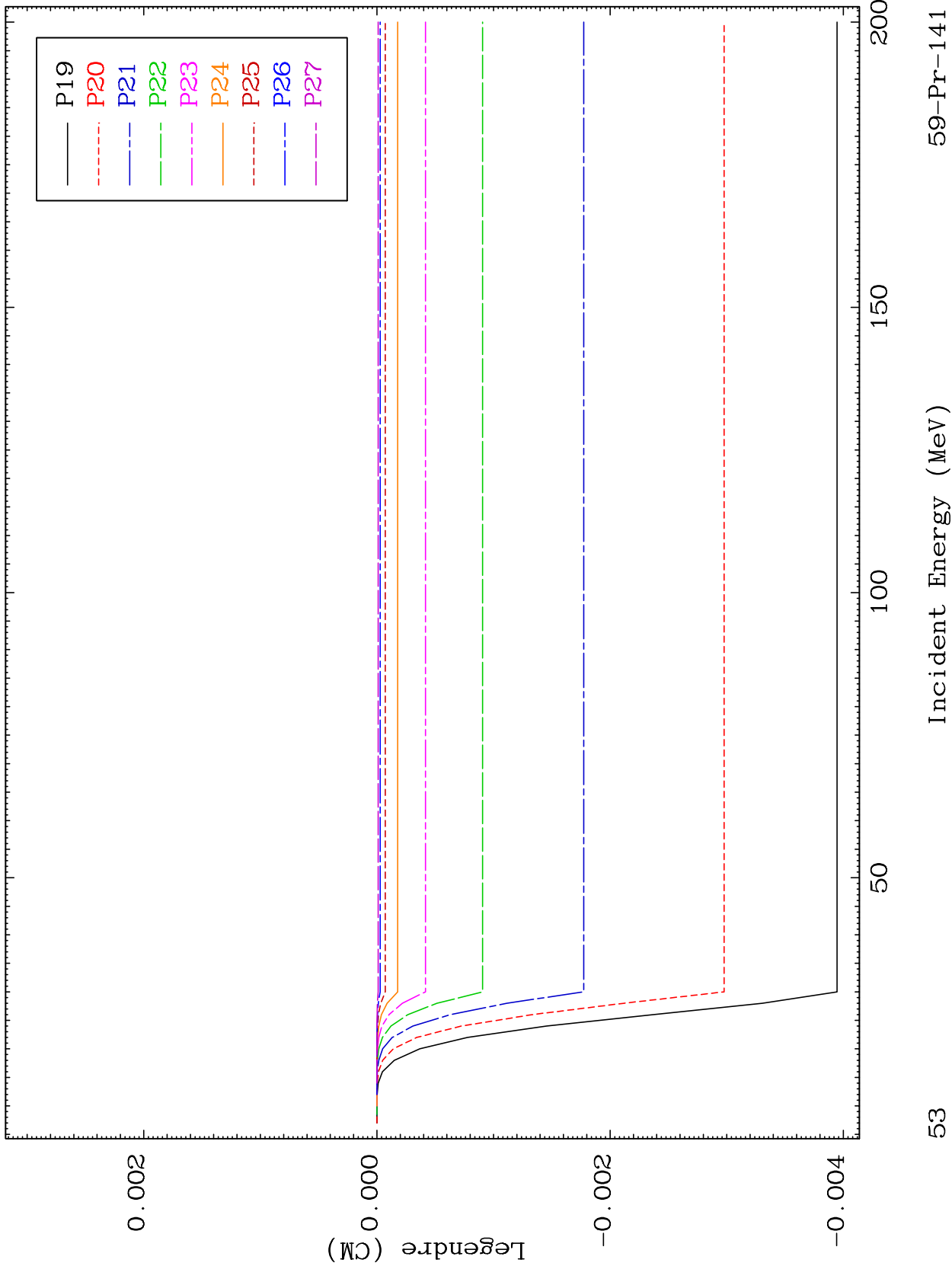
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 59 (n,n') Level Legendre Coefficients

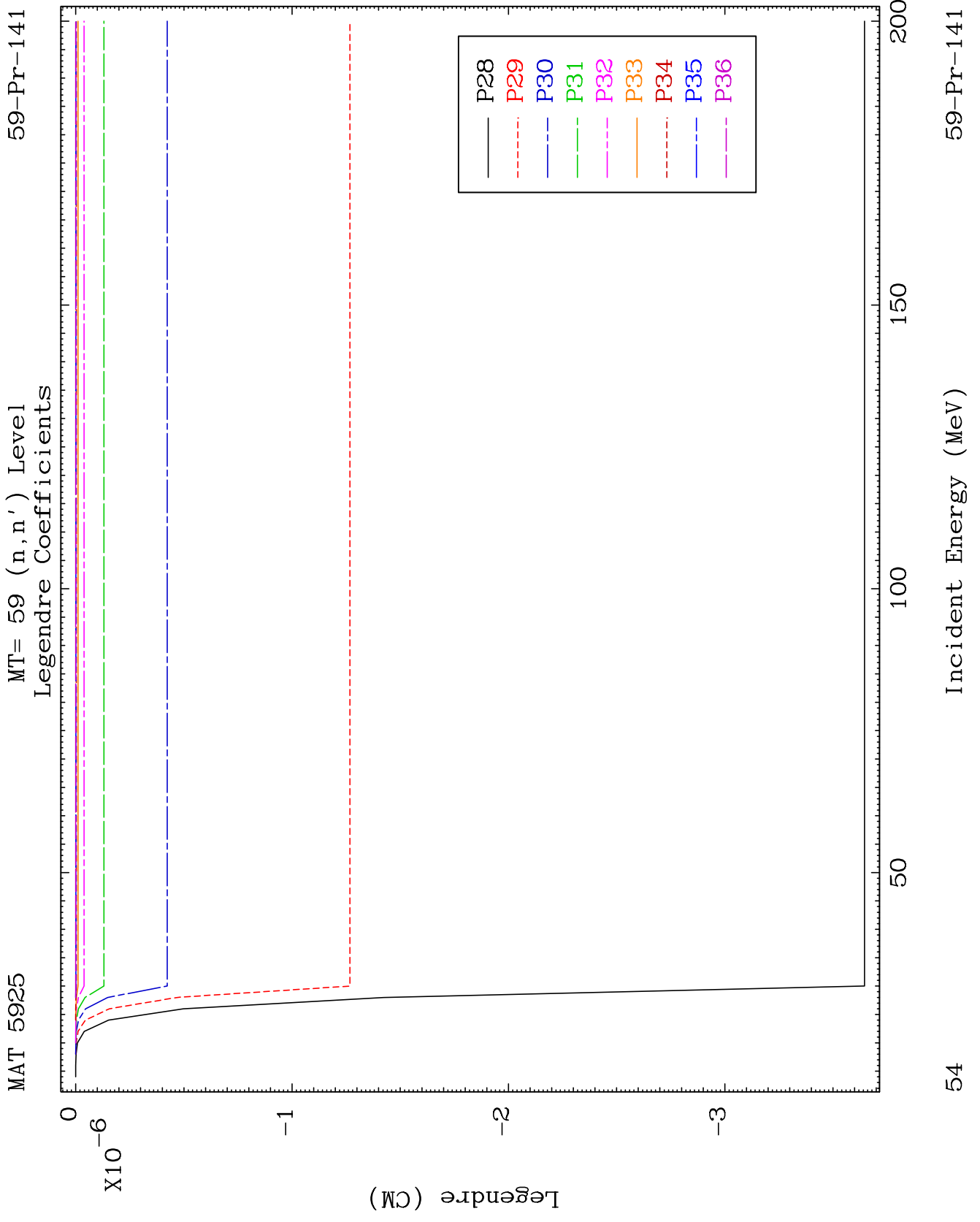
59-Pr-141



53

Incident Energy (MeV)

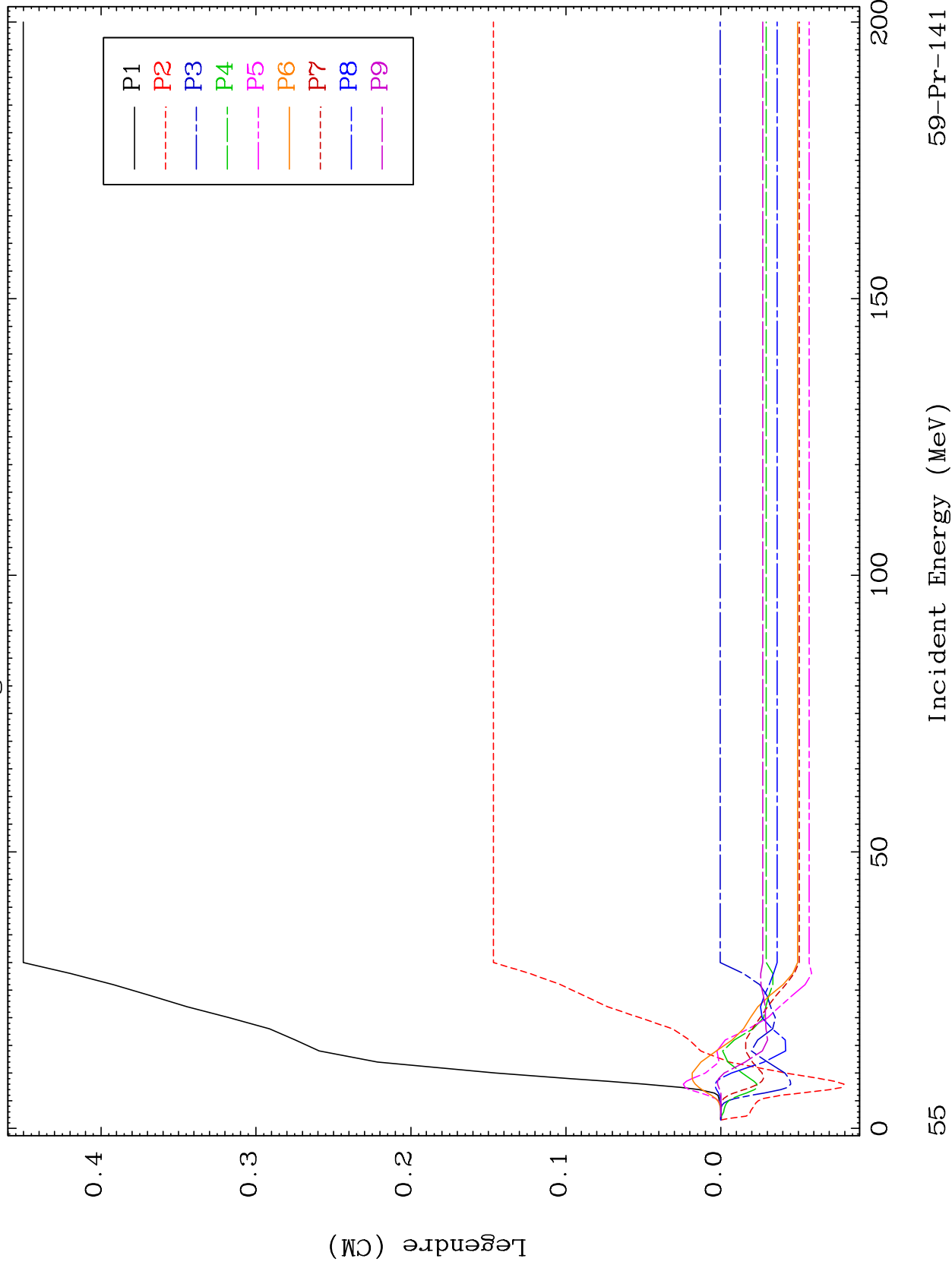
59-Pr-141



MAT 5925

MT= 60 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

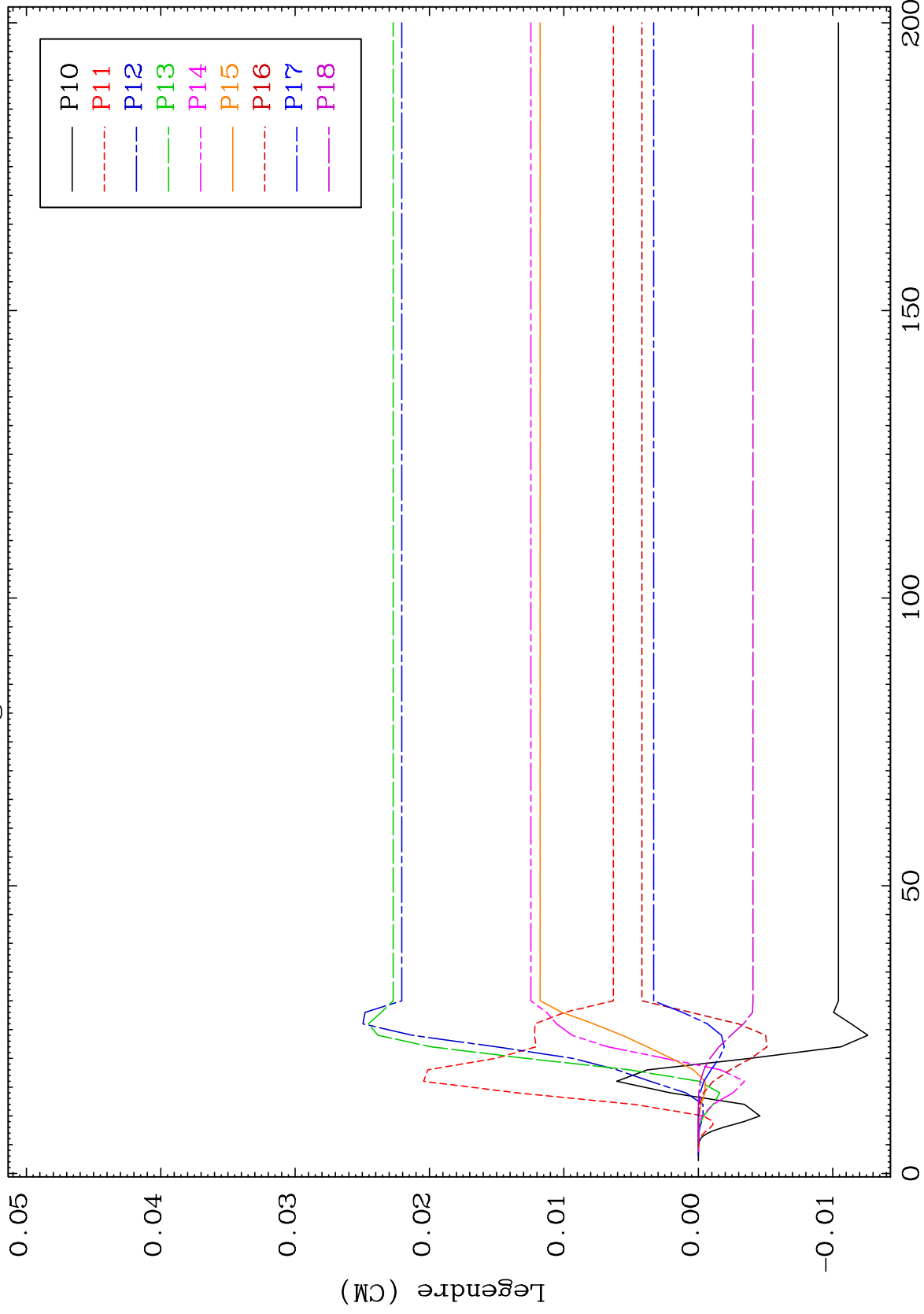
Incident Energy (MeV)

55

MAT 5925

MT= 60 (n,n') Level
Legendre Coefficients

59-Pr-141



56

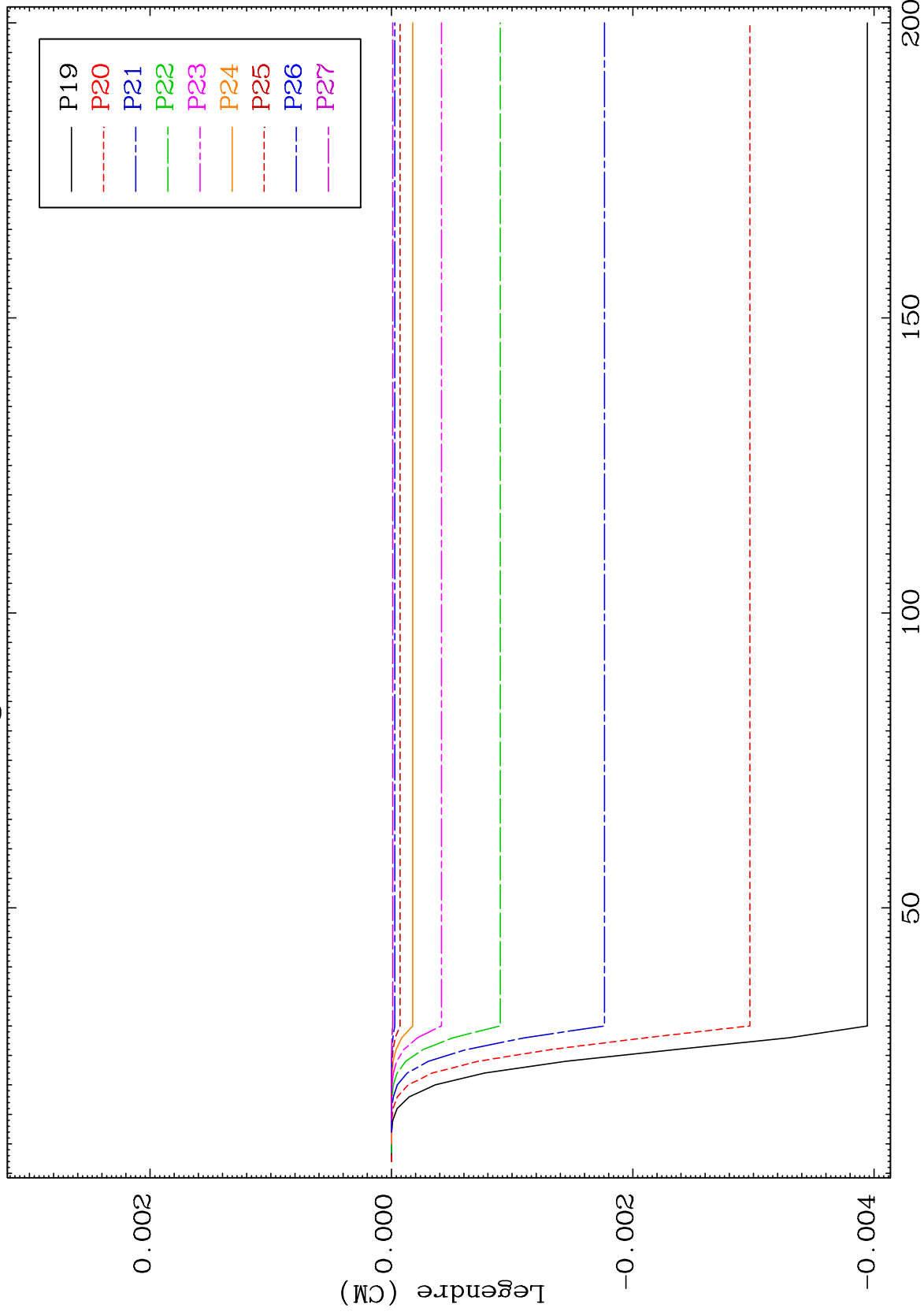
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 60 (n,n') Level
Legendre Coefficients

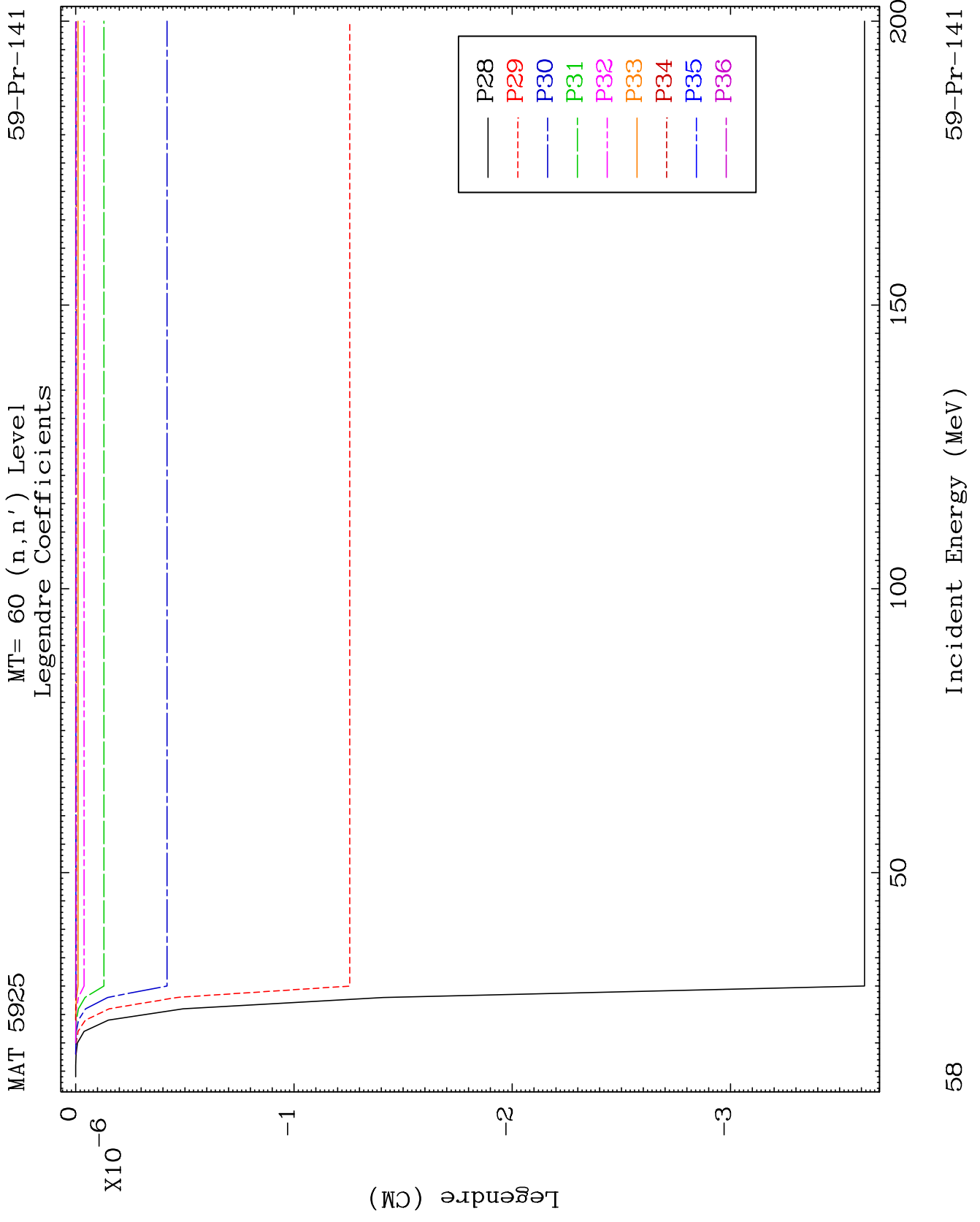
59-Pr-141



57

Incident Energy (MeV)

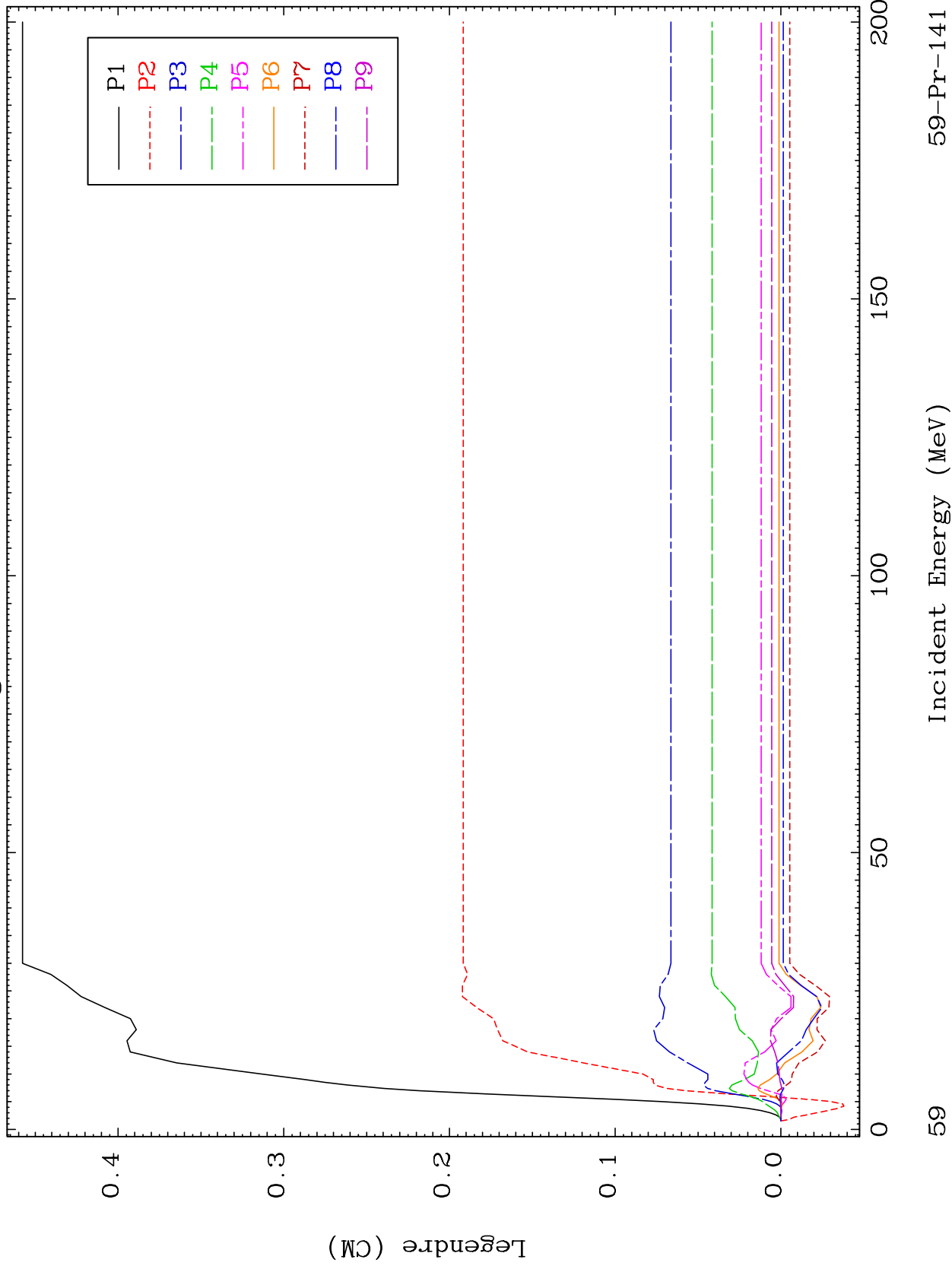
59-Pr-141



MAT 5925

MT= 61 (n,n') Level
Legendre Coefficients

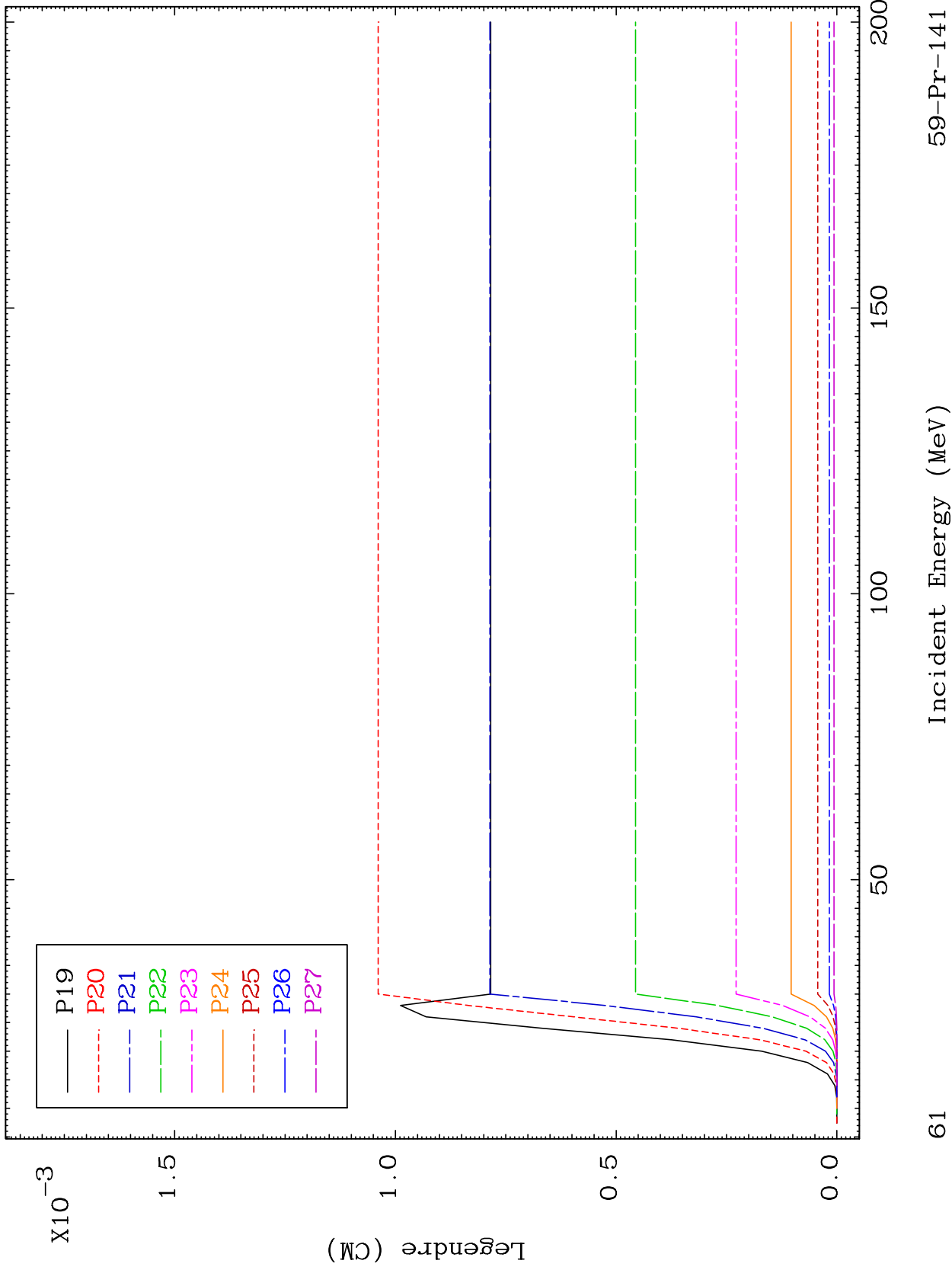
59-Pr-141



59-Pr-141

Incident Energy (MeV)

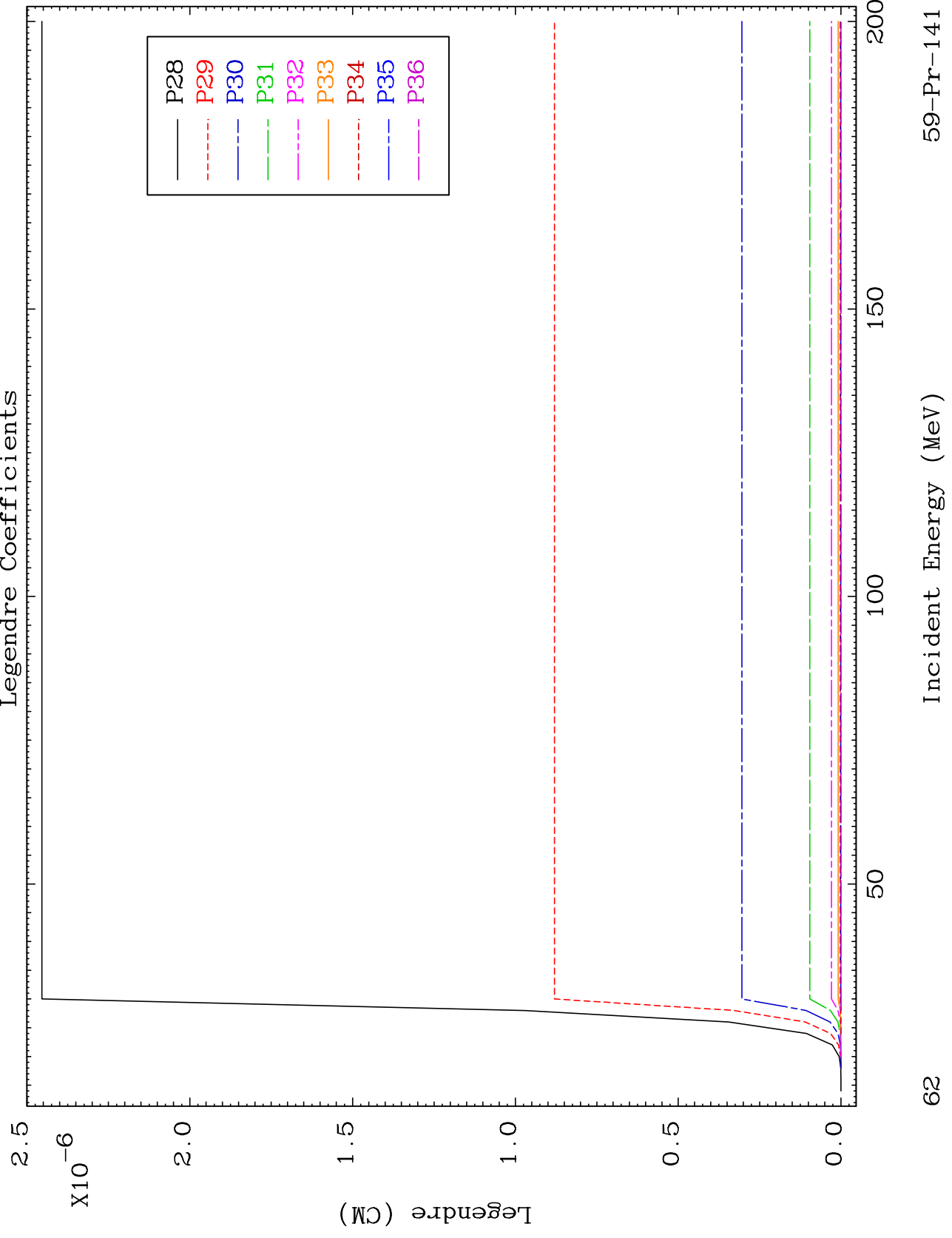
59



MAT 5925

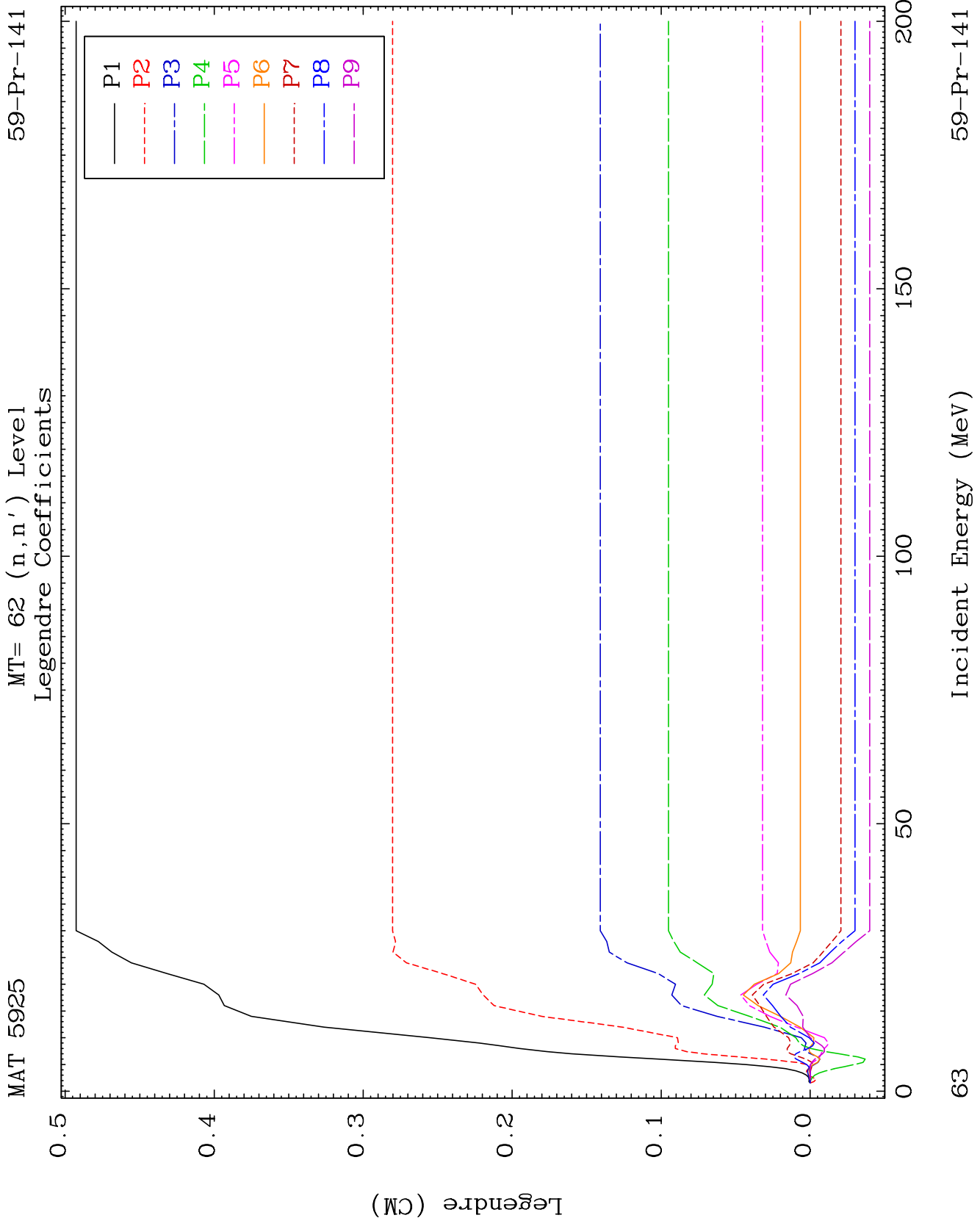
MT= 61 (n,n') Level
Legendre Coefficients

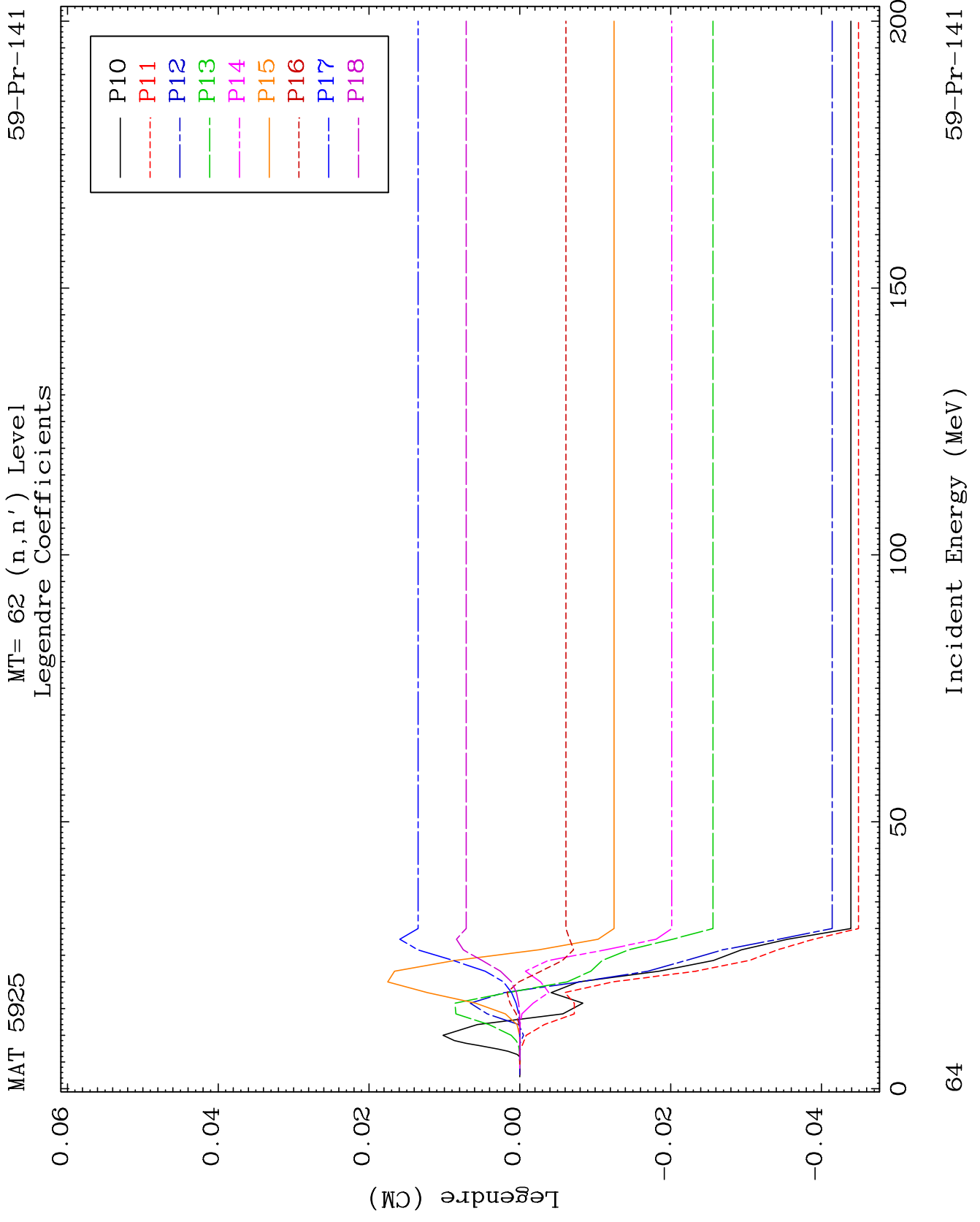
59-Pr-141



62

59-Pr-141

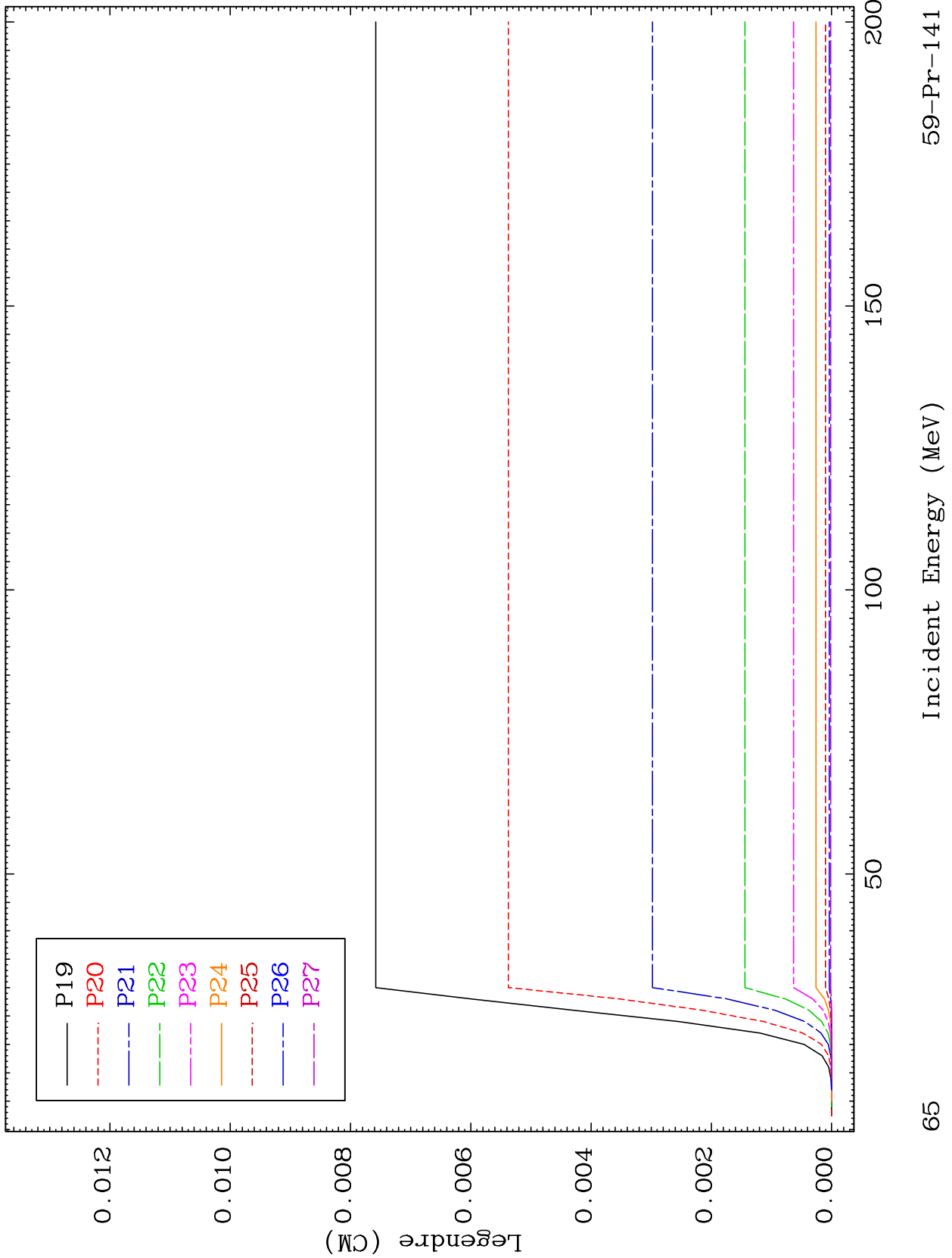




59-Pr-141

Incident Energy (MeV)

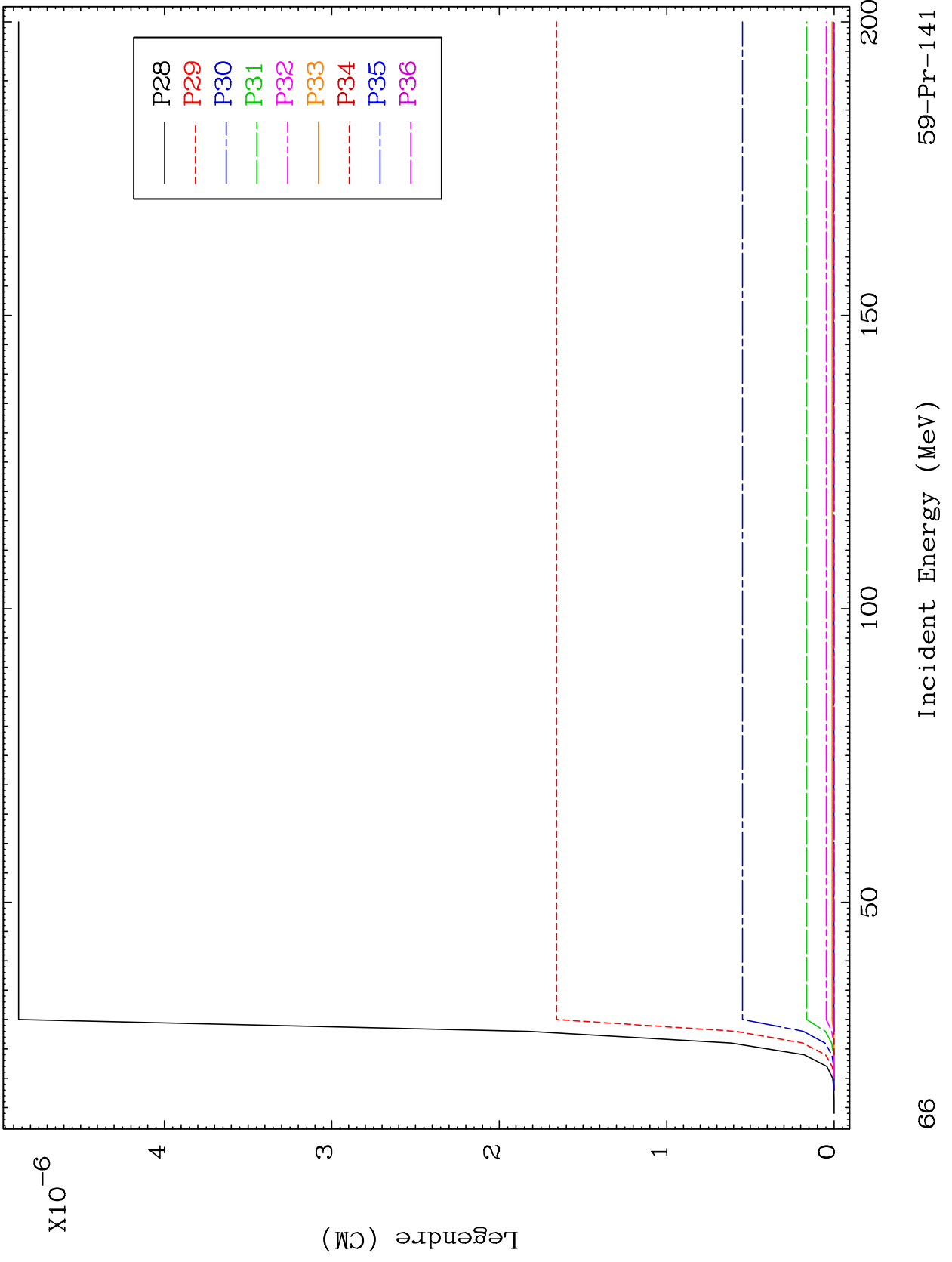
64



MAT 5925

MT= 62 (n,n') Level
Legendre Coefficients

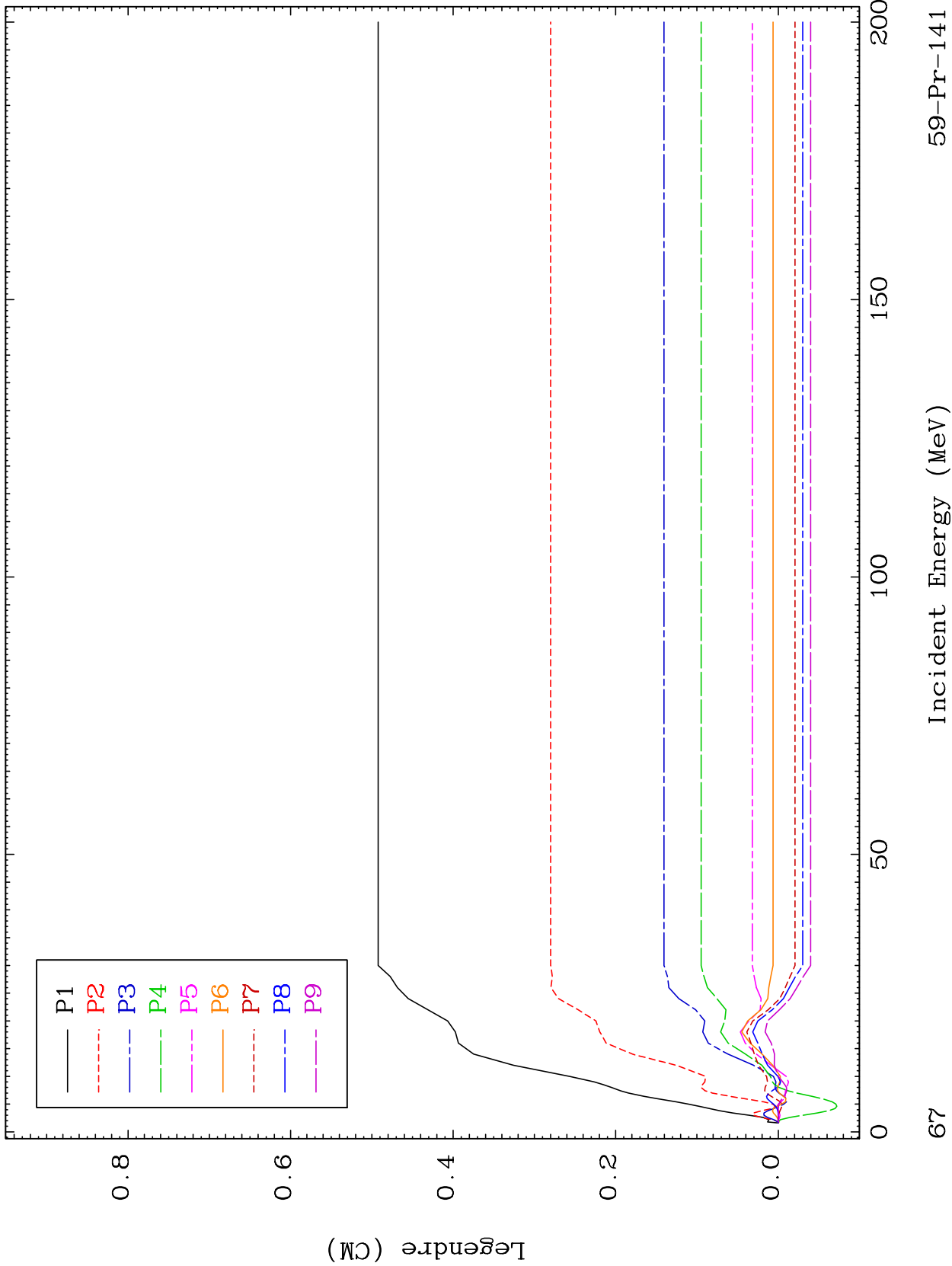
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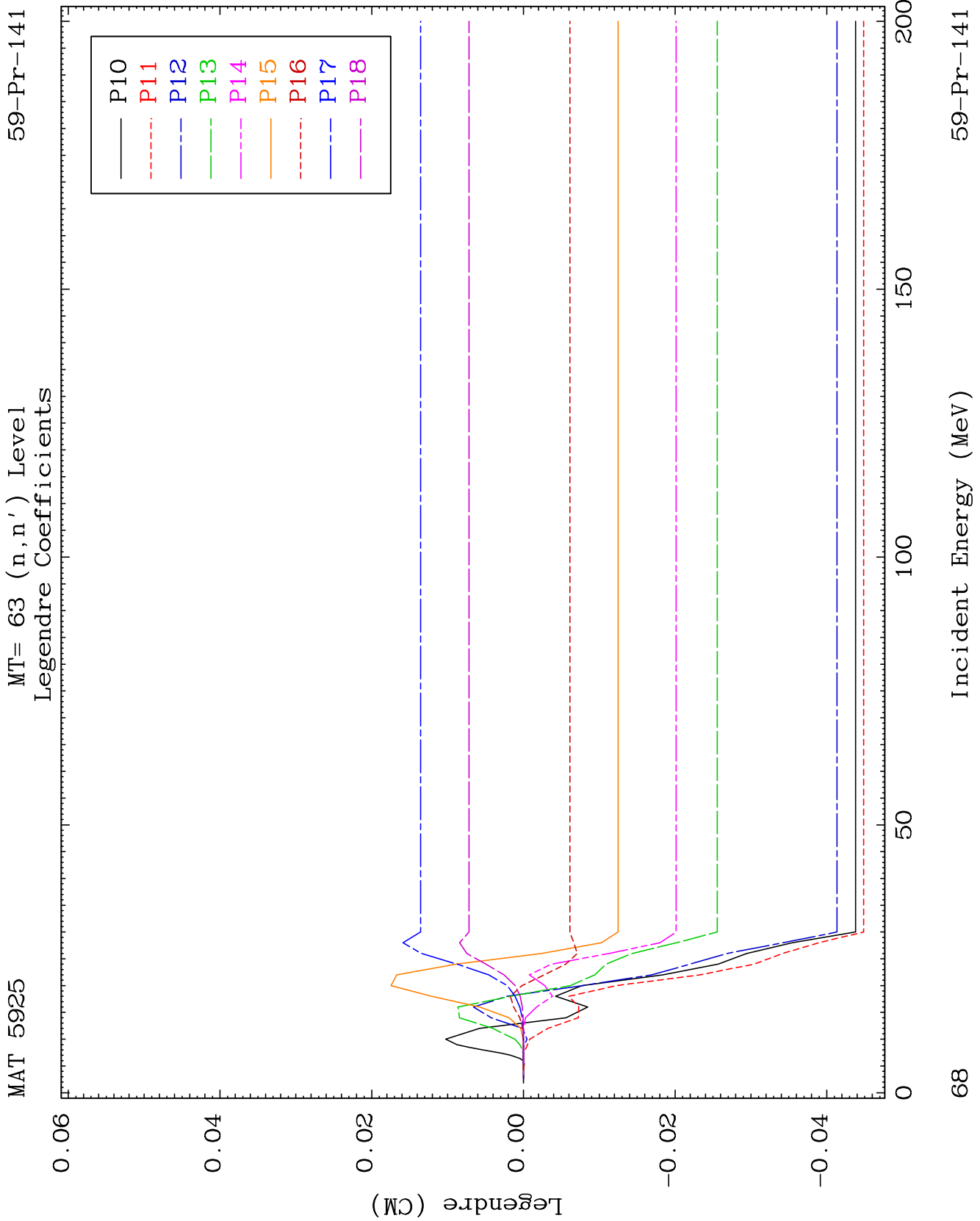


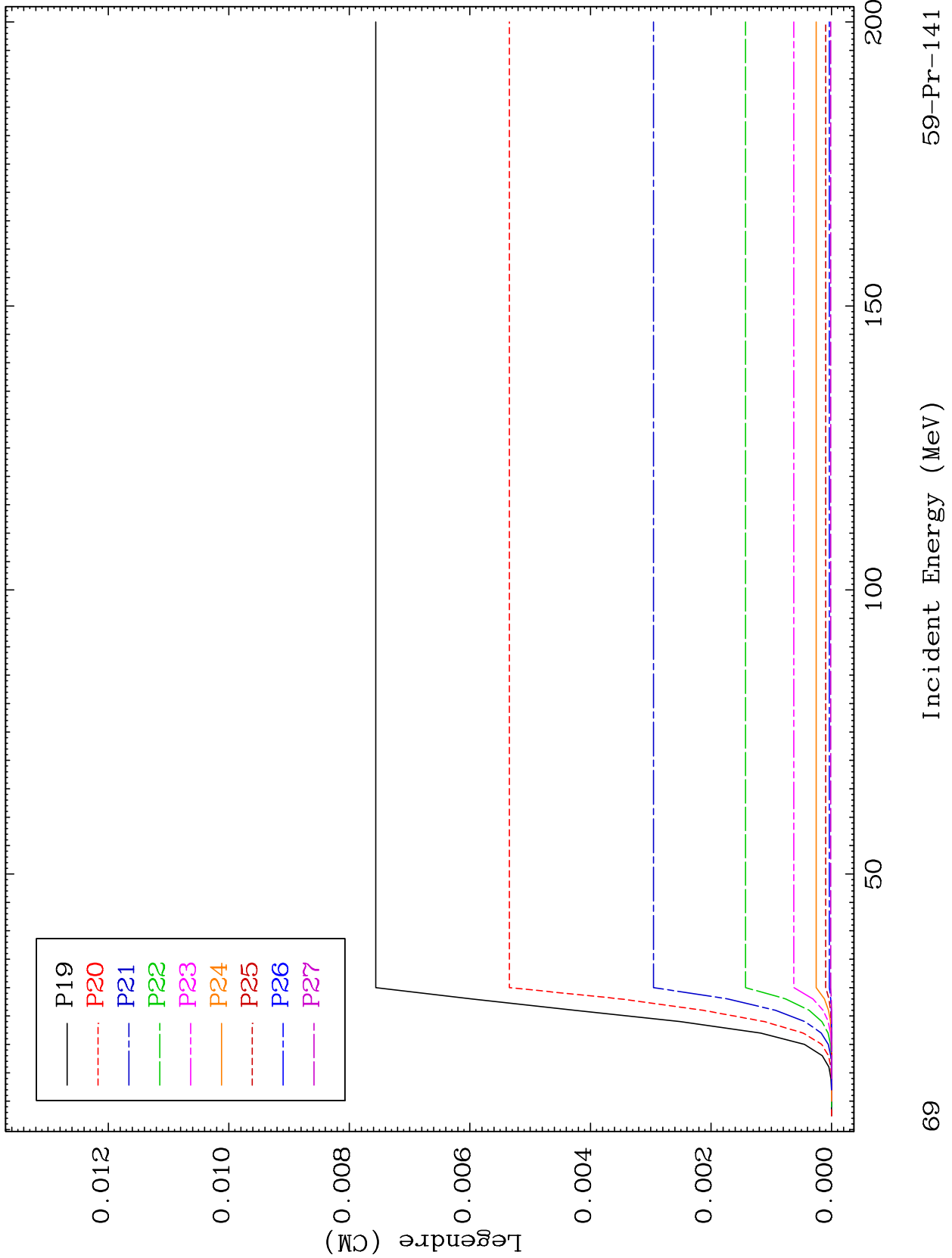
MAT 5925

MT= 63 (n,n') Level
Legendre Coefficients

59-Pr-141



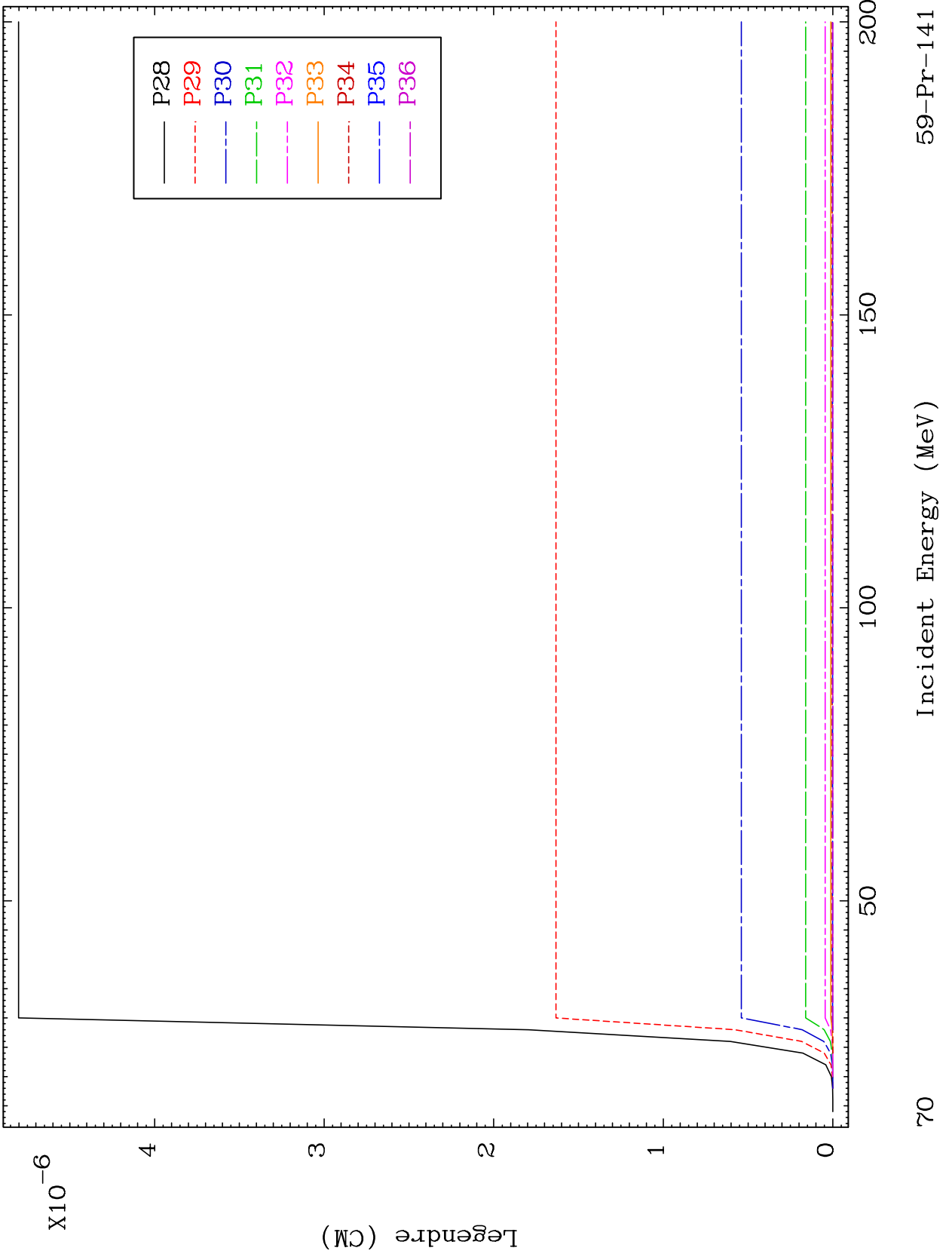




MAT 5925

MT= 63 (n,n') Level
Legendre Coefficients

59-Pr-141



70

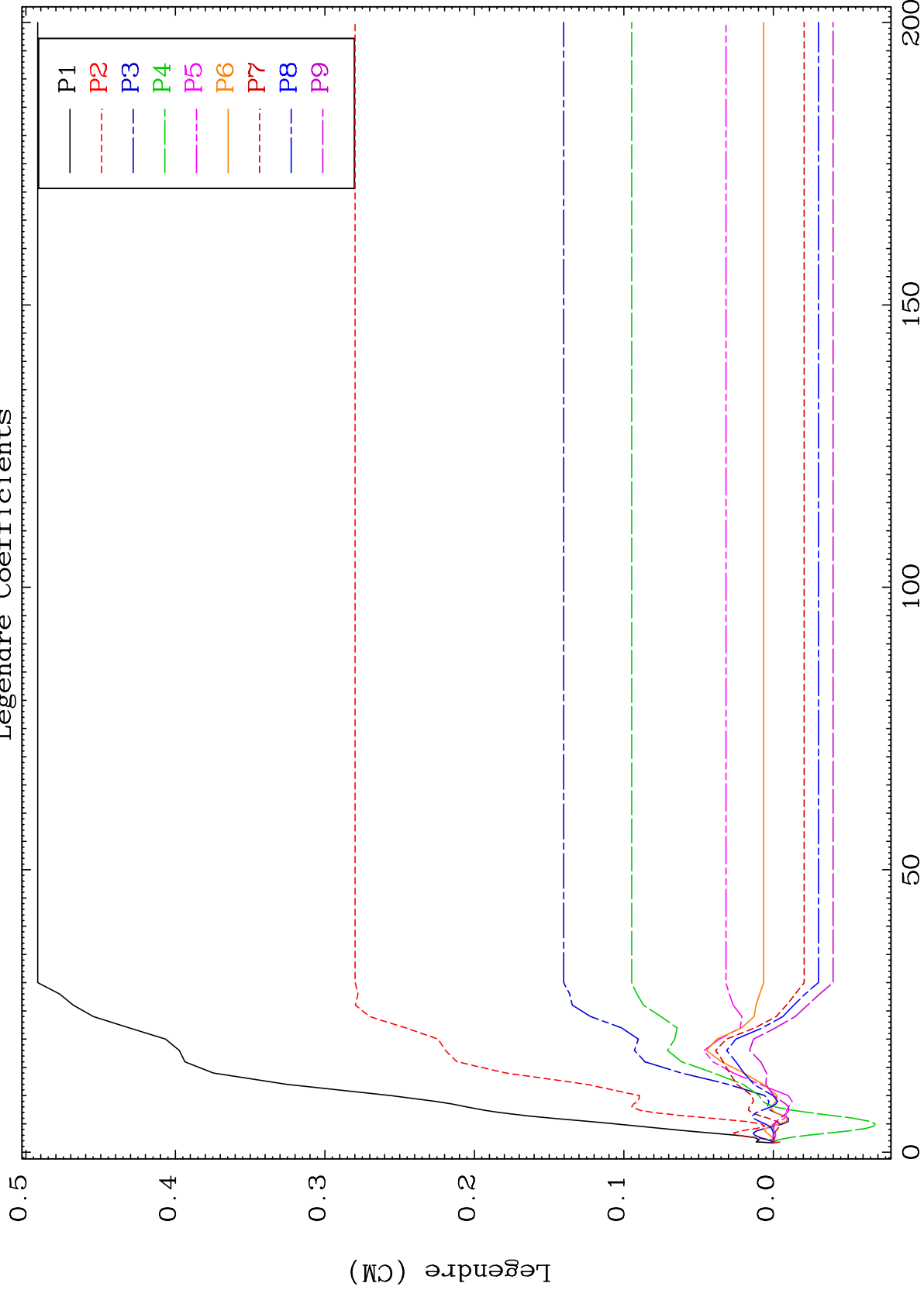
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 64 (n,n') Level
Legendre Coefficients

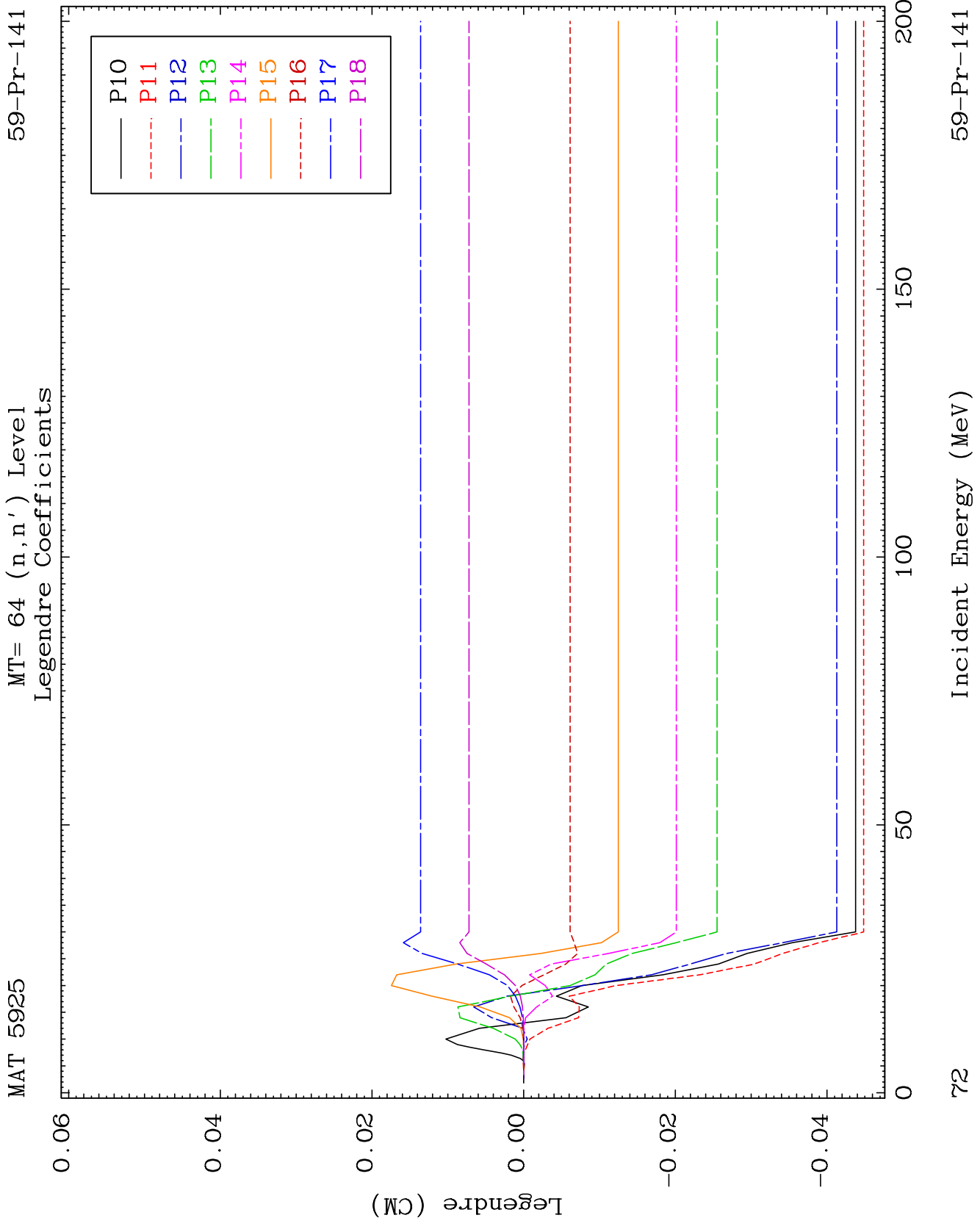
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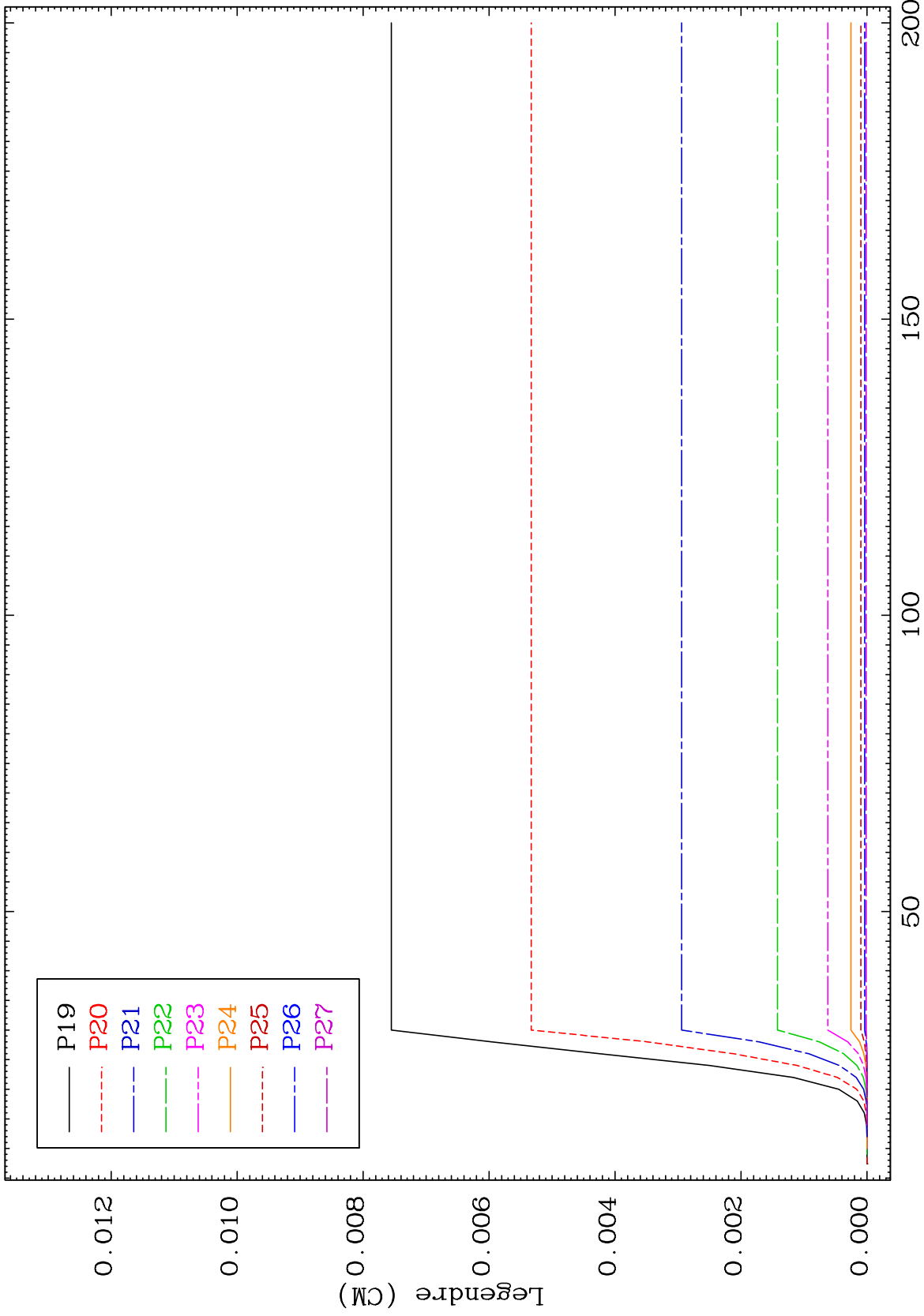


71

Incident Energy (MeV)

59-Pr-141

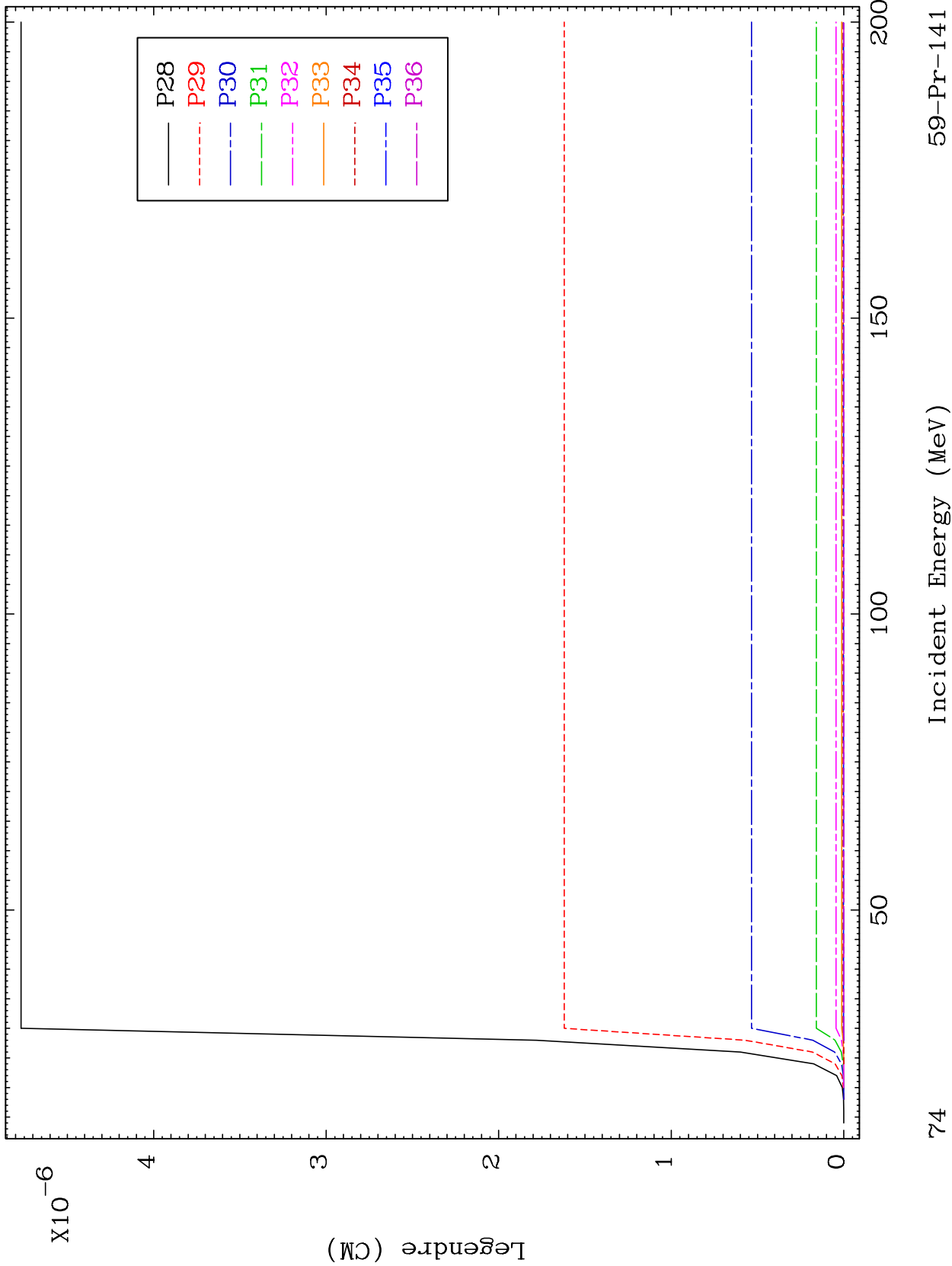




MAT 5925

MT= 64 (n,n') Level
Legendre Coefficients

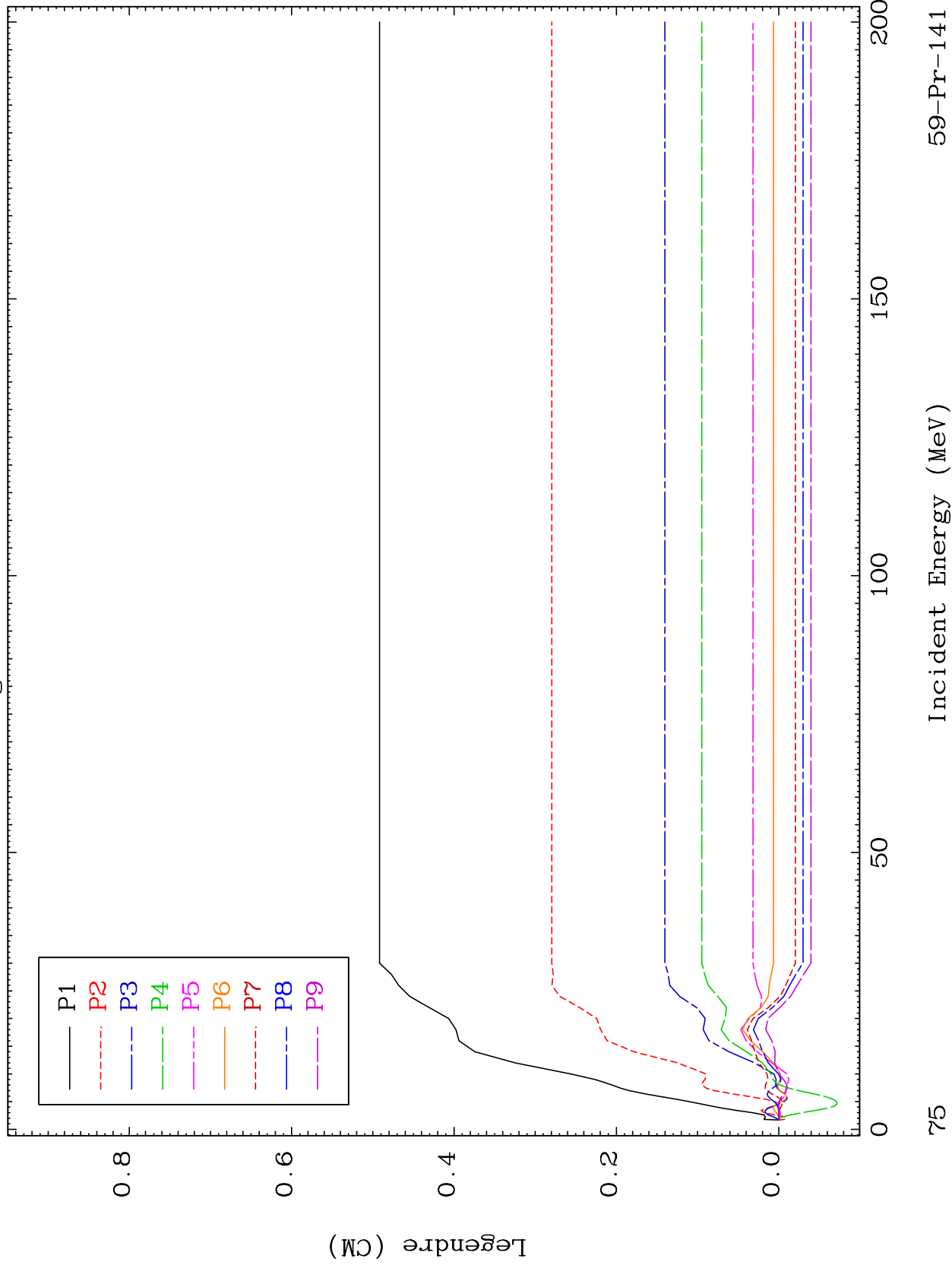
59-Pr-141



MAT 5925

MT= 65 (n,n') Level
Legendre Coefficients

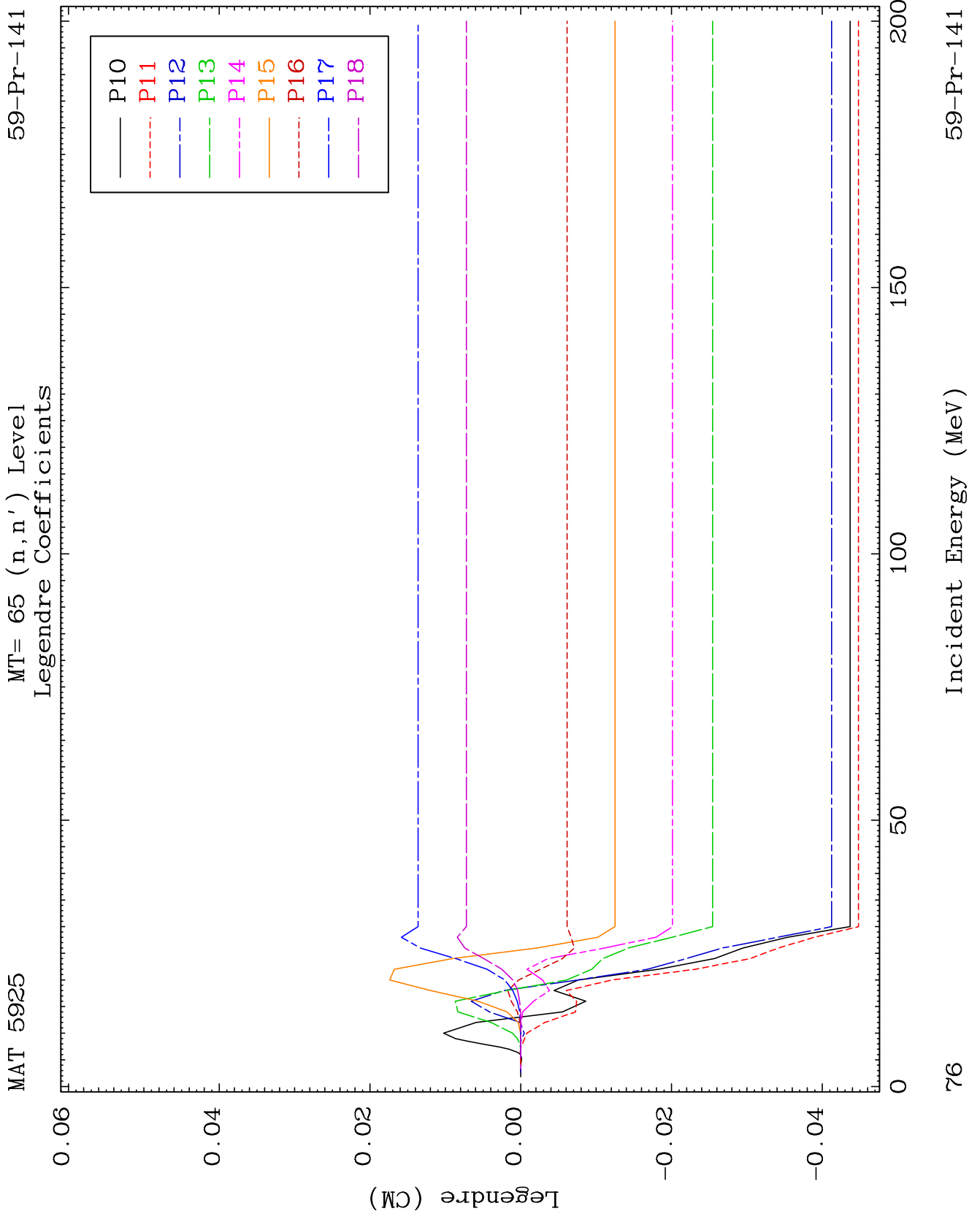
59-Pr-141

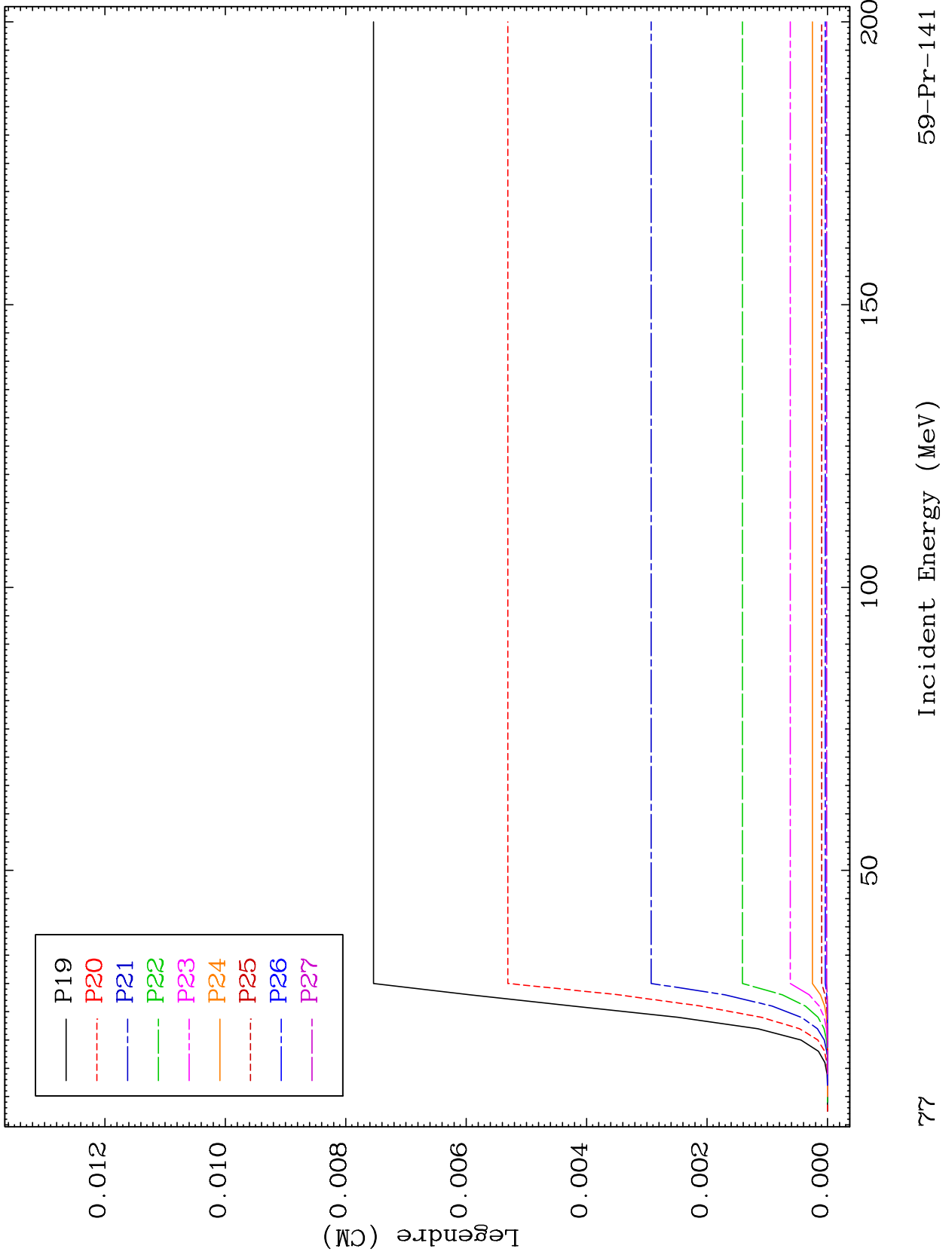


59-Pr-141

Incident Energy (MeV)

75

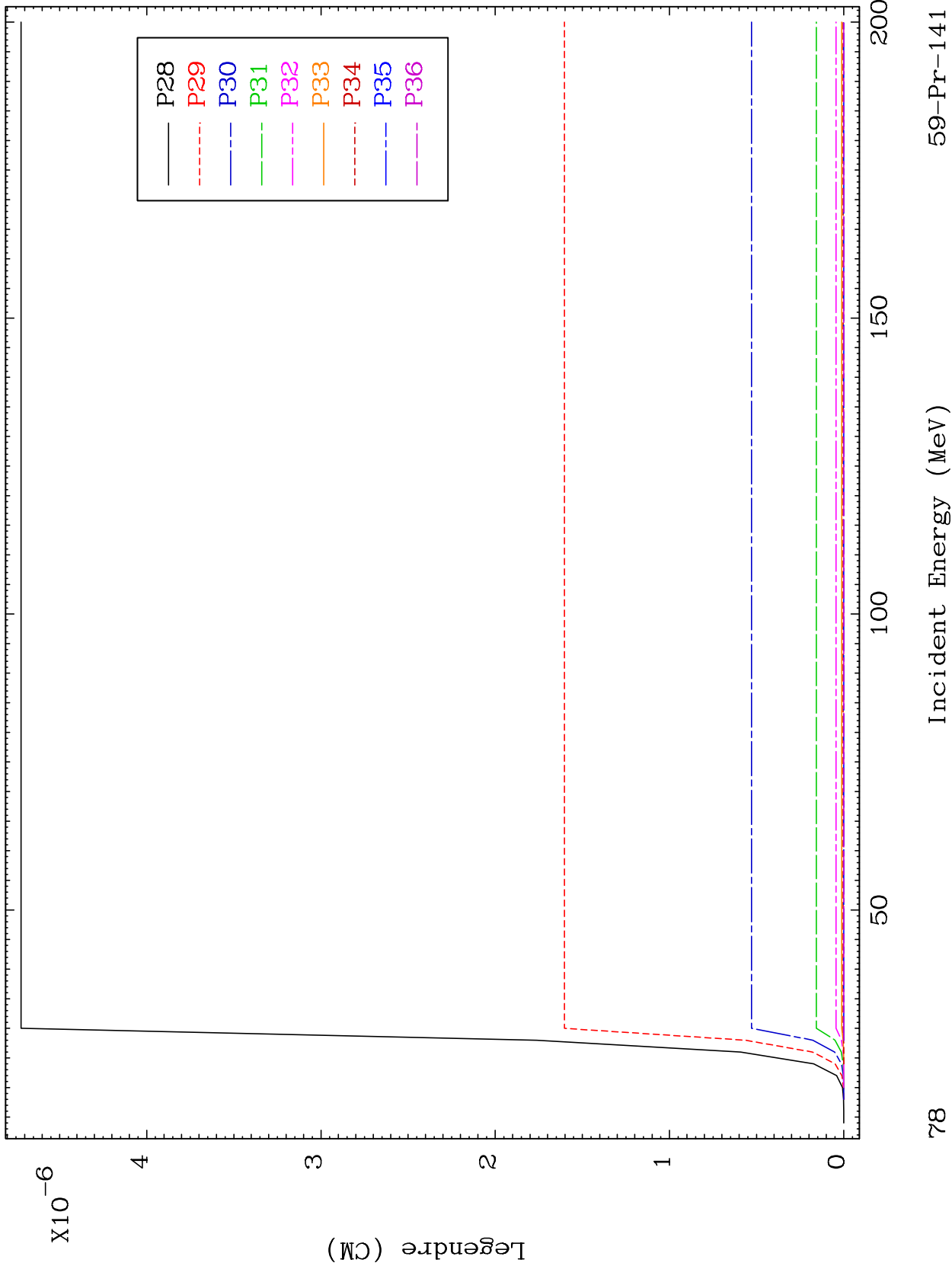




MAT 5925

MT= 65 (n,n') Level
Legendre Coefficients

59-Pr-141



78

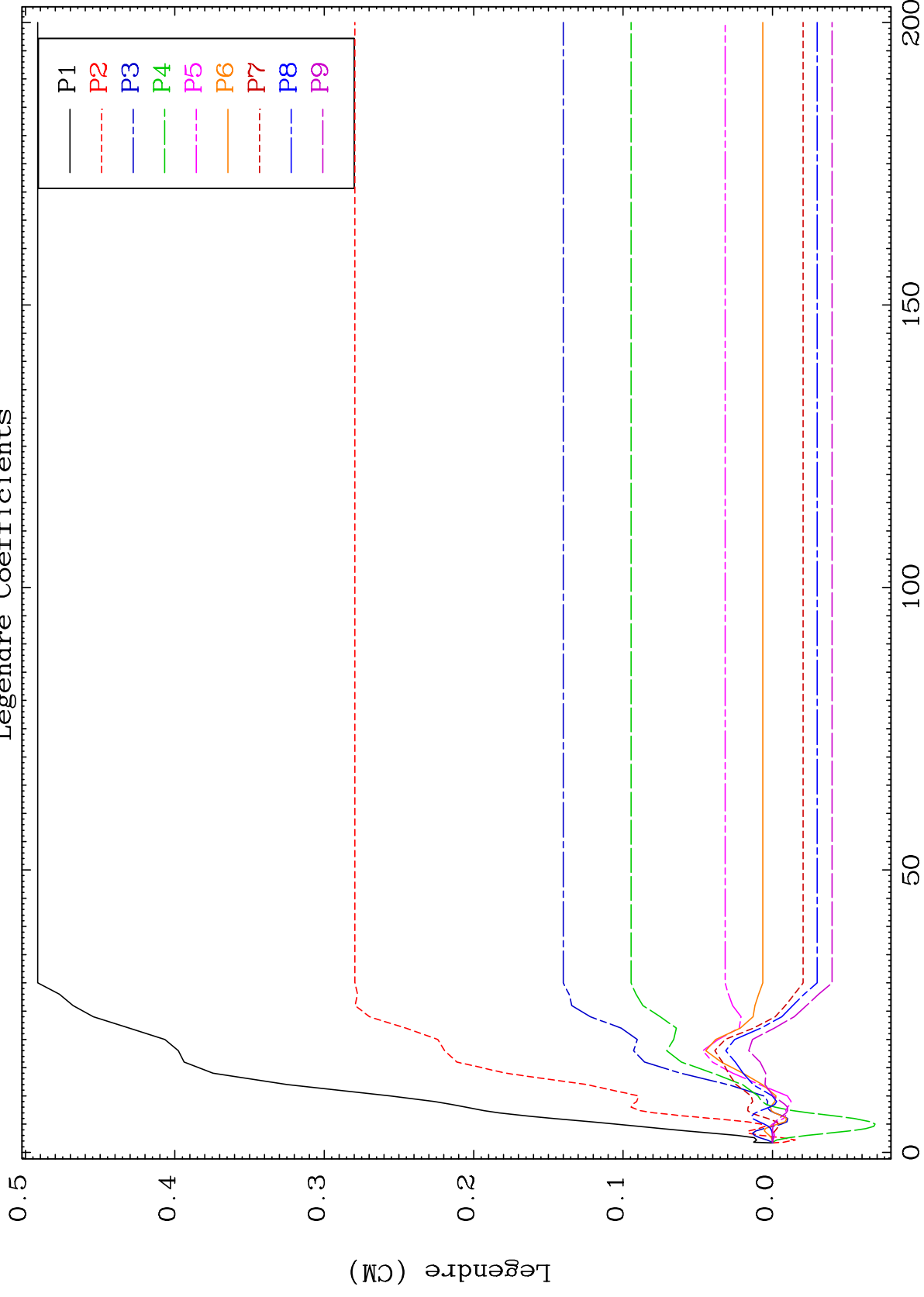
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 66 (n,n') Level
Legendre Coefficients

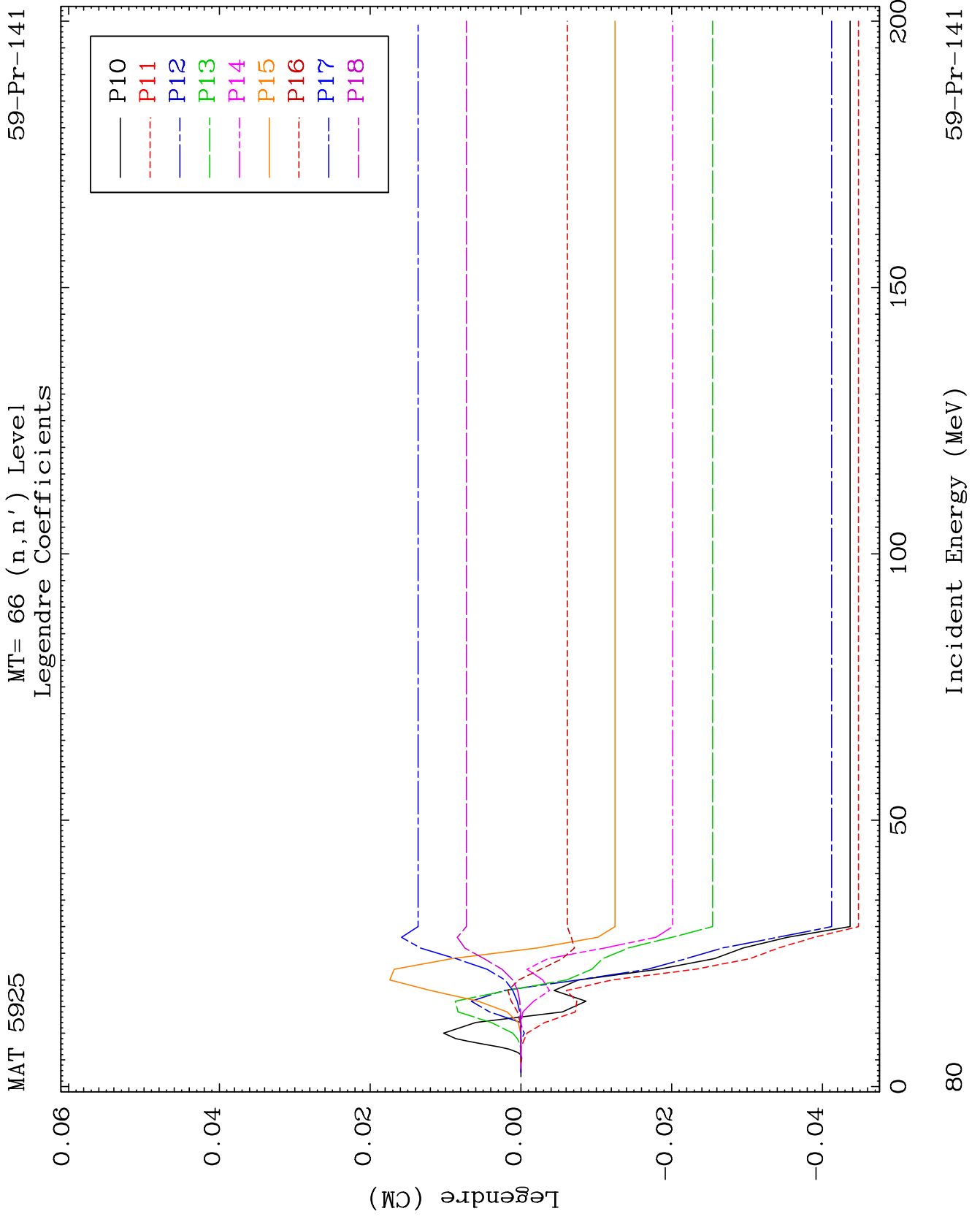
59-Pr-141

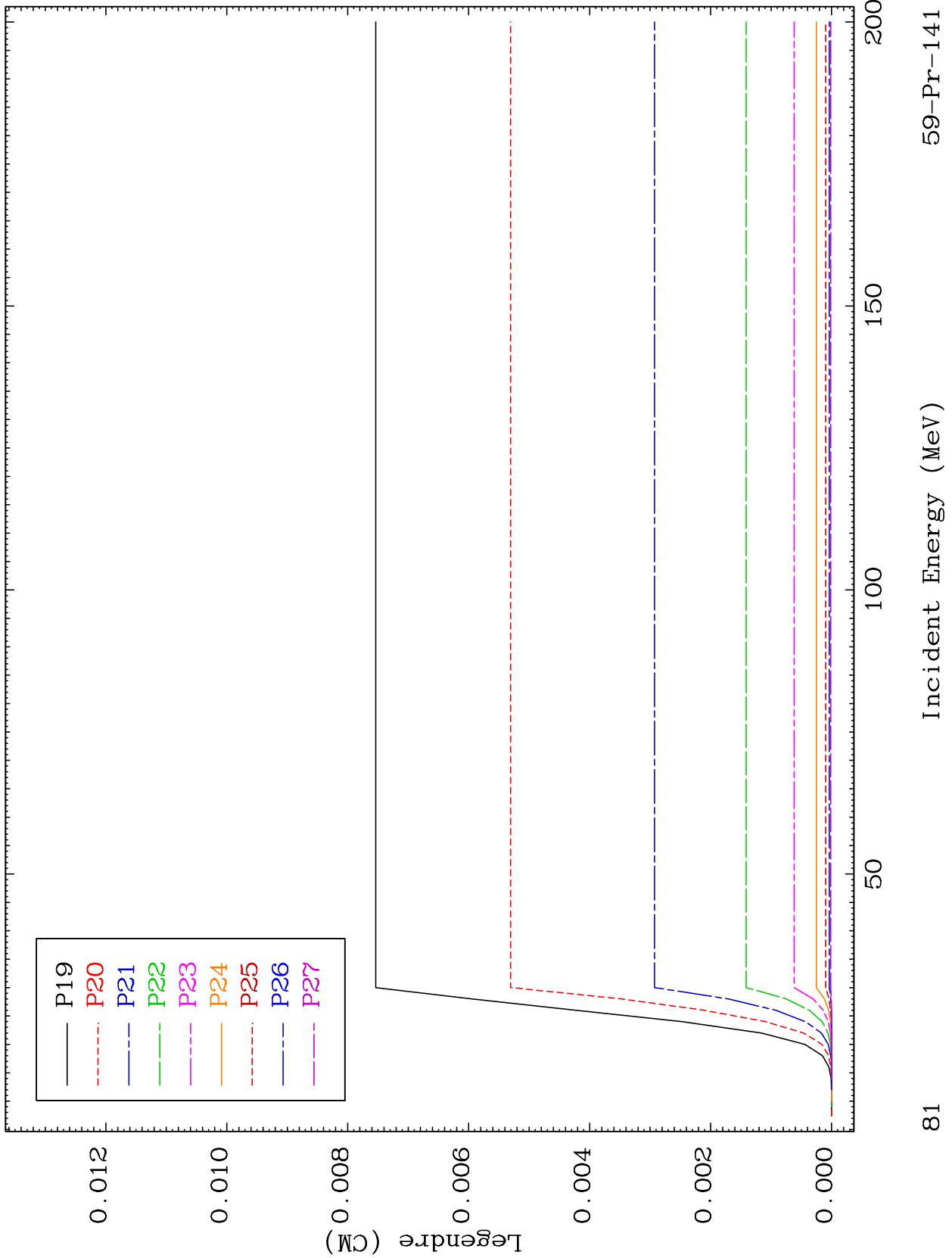


79

Incident Energy (MeV)

59-Pr-141

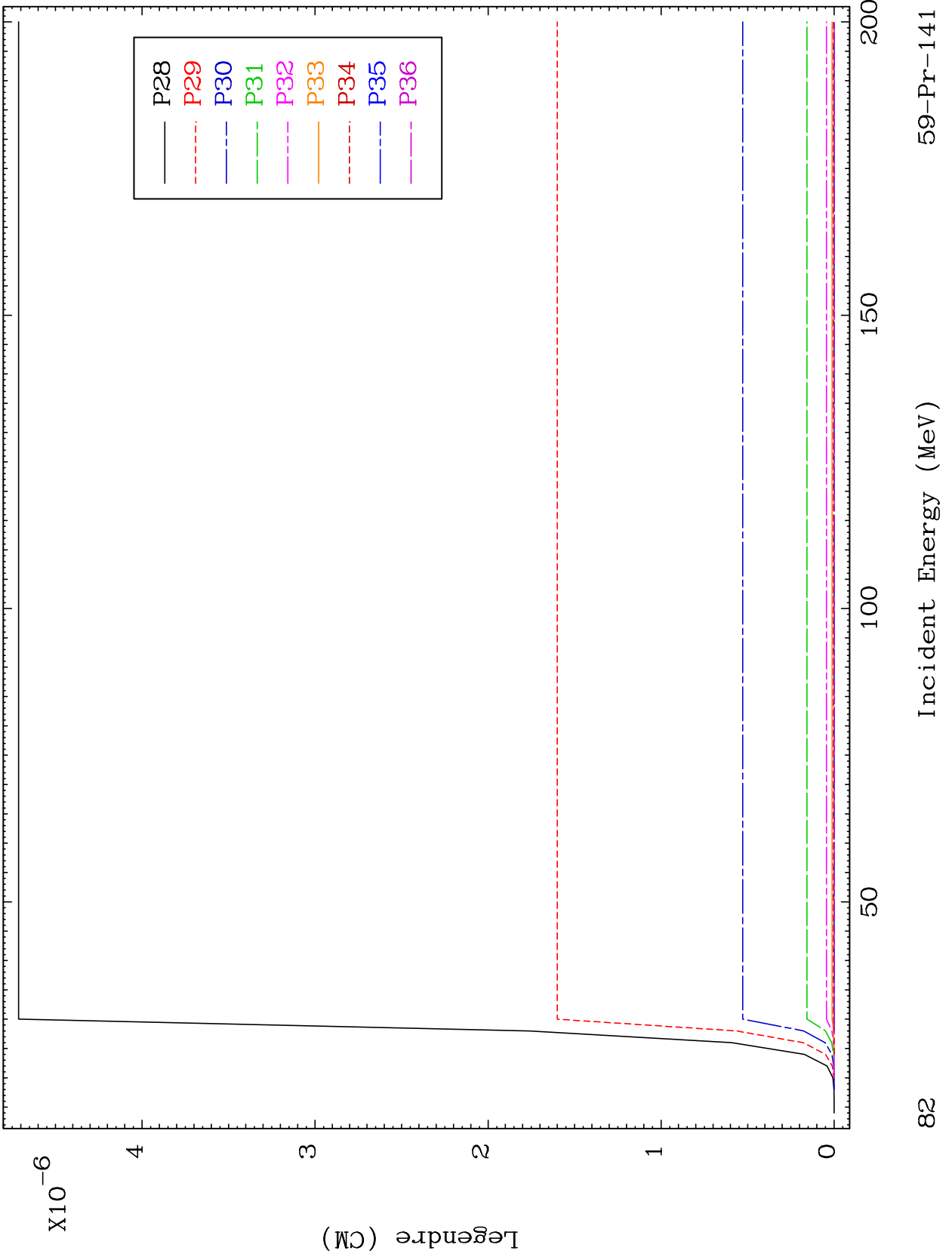




MAT 5925

MT= 66 (n,n') Level
Legendre Coefficients

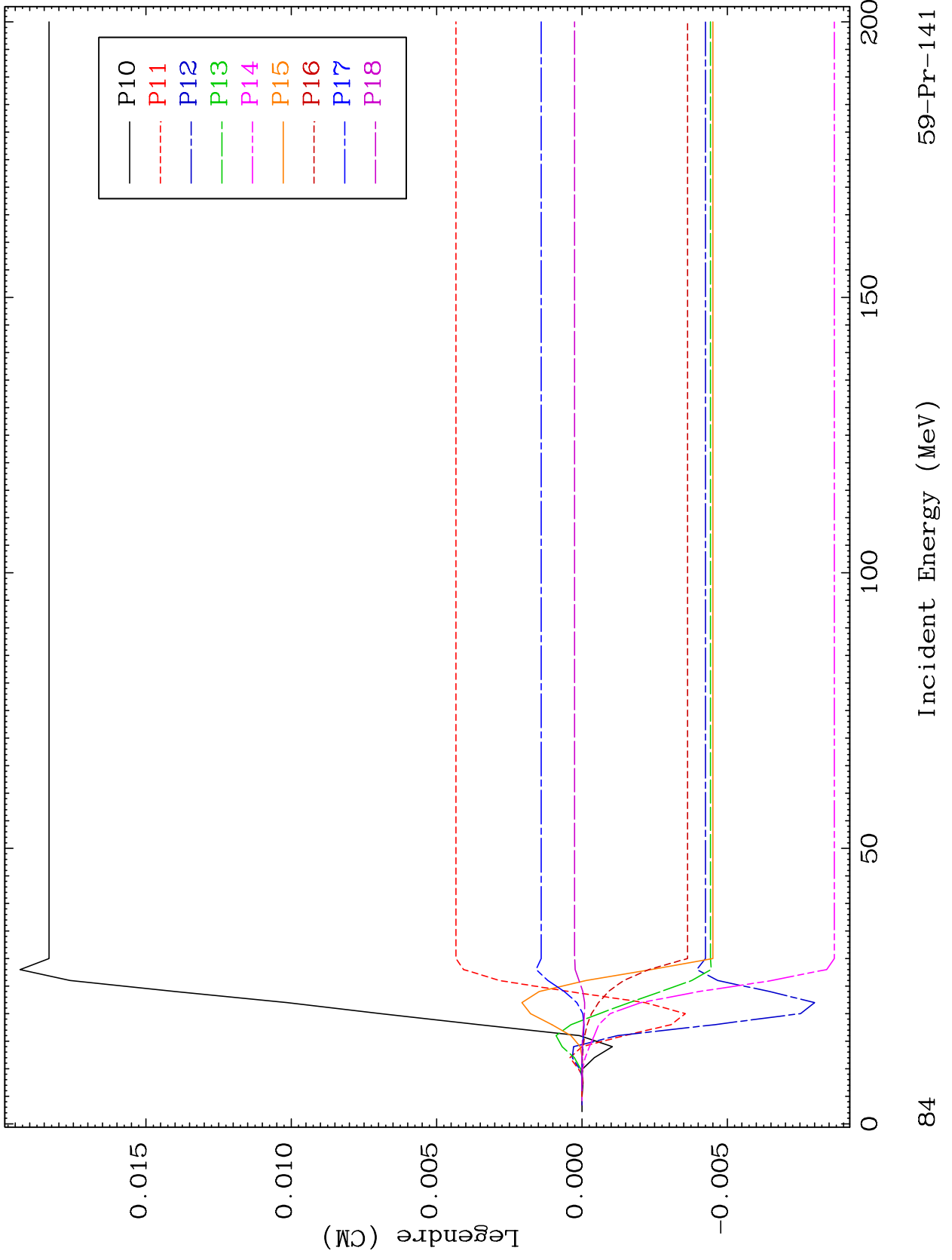
59-Pr-141



MAT 5925

MT= 67 (n,n') Level
Legendre Coefficients

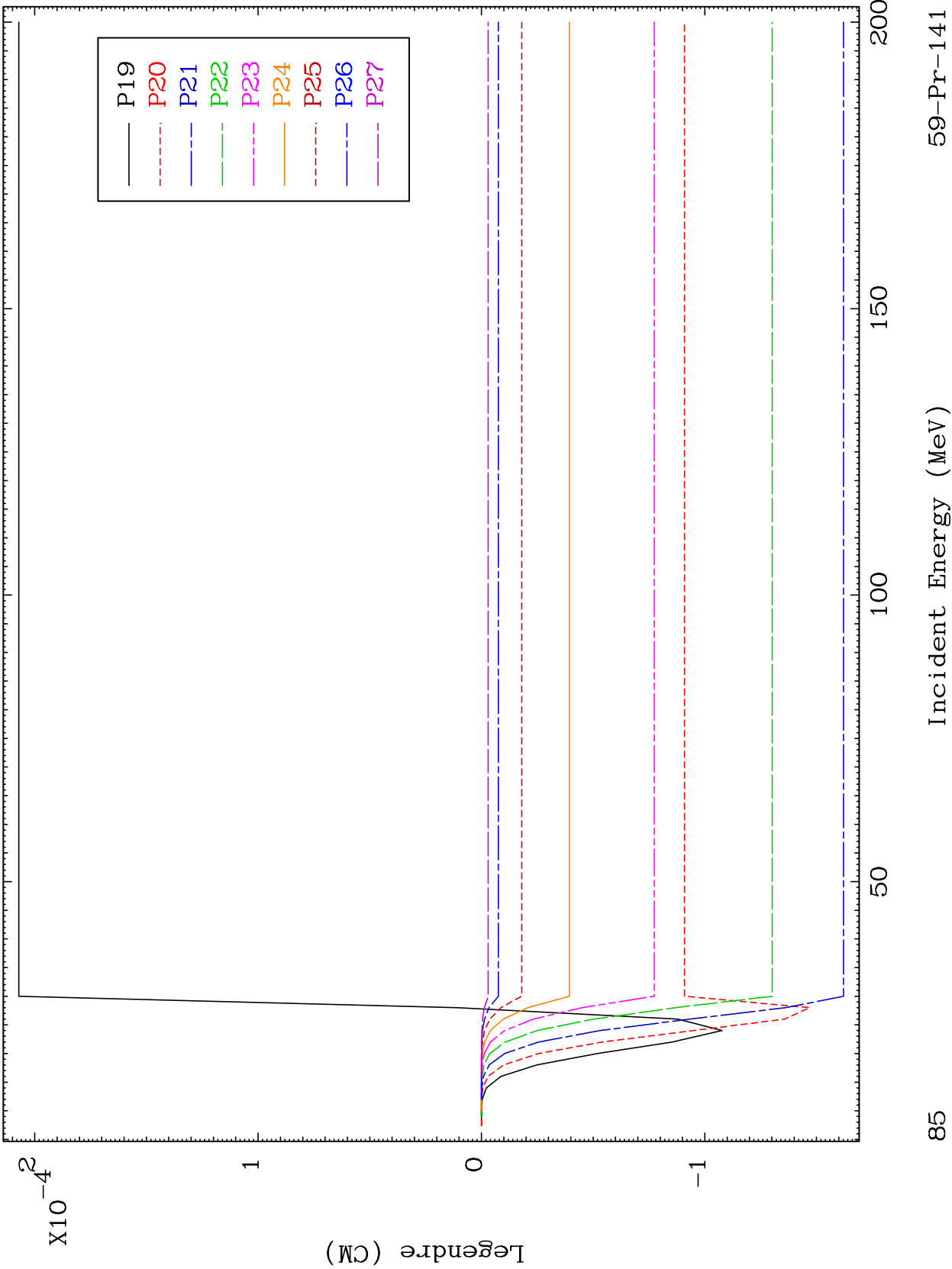
59-Pr-141

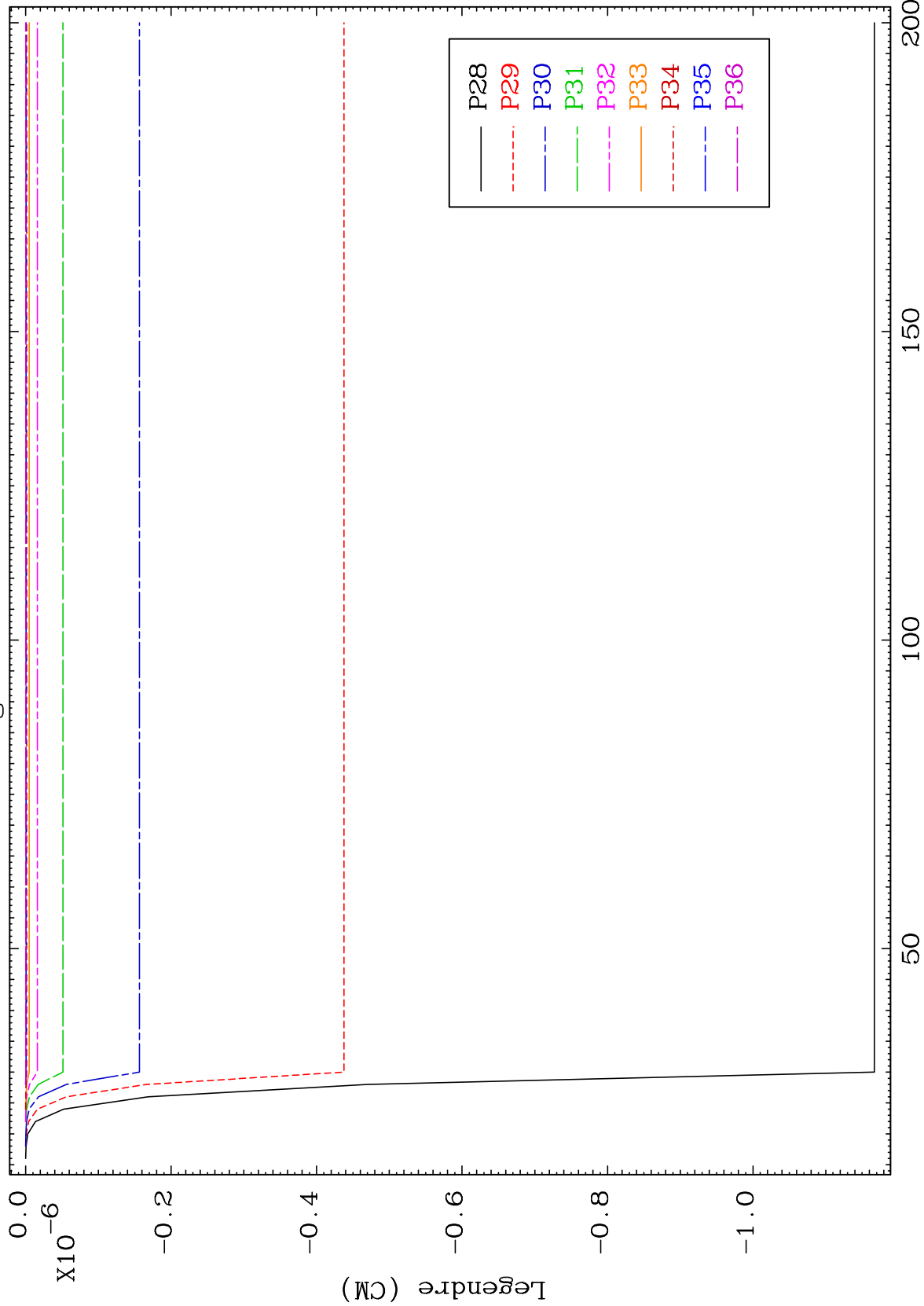


84

Incident Energy (MeV)

59-Pr-141

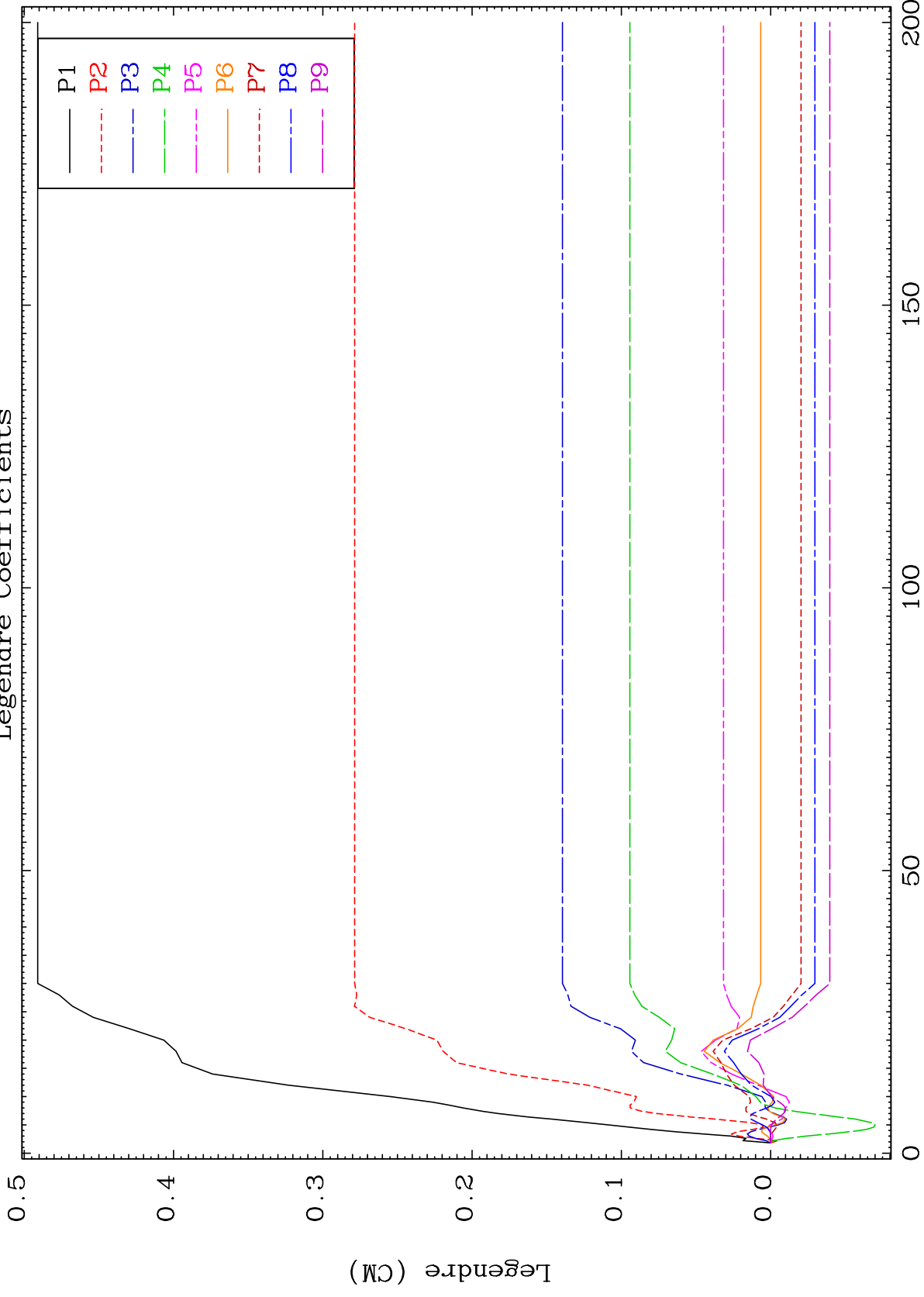




MAT 5925

MT= 68 (n,n') Level
Legendre Coefficients

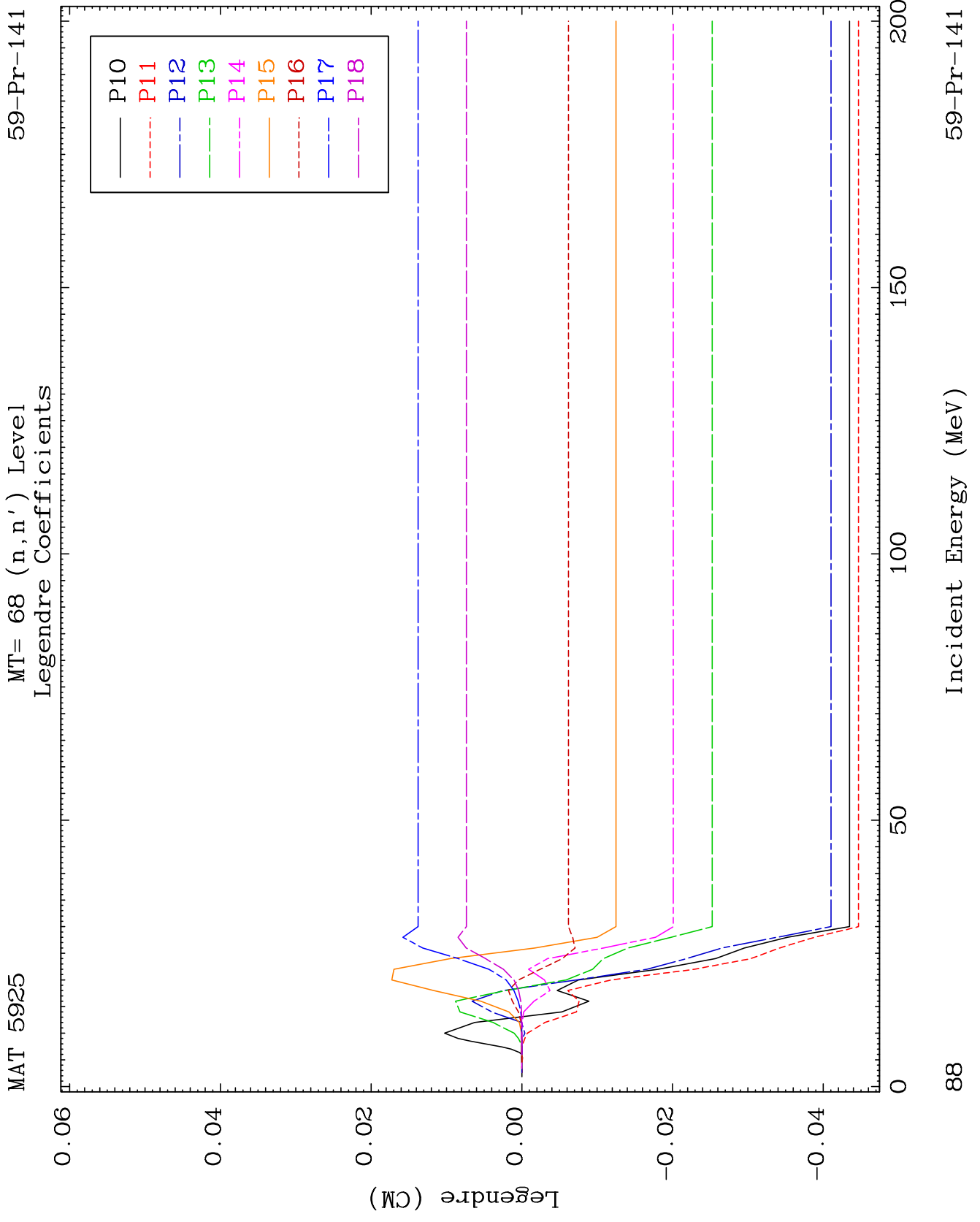
59-Pr-141

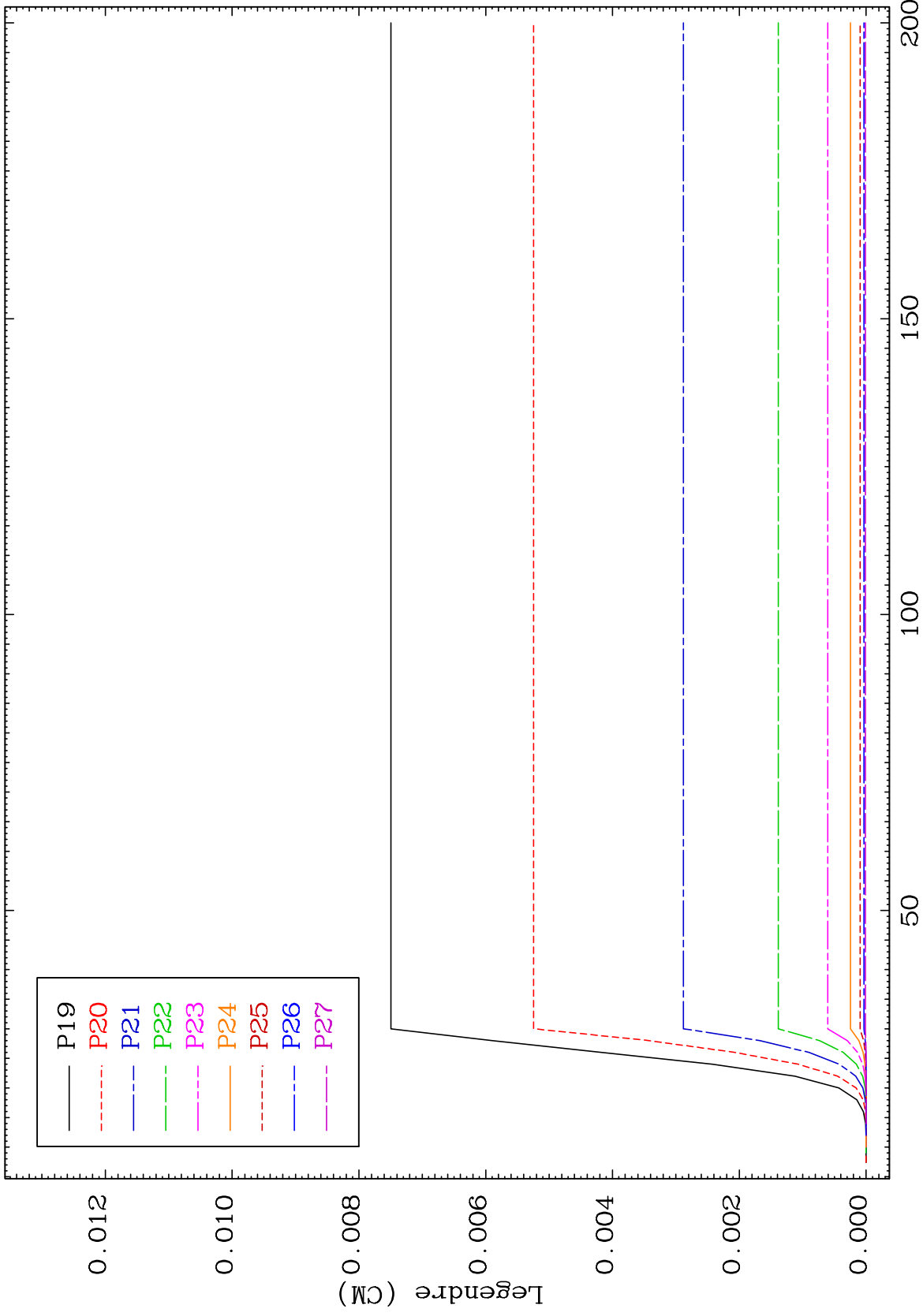


87

Incident Energy (MeV)

59-Pr-141

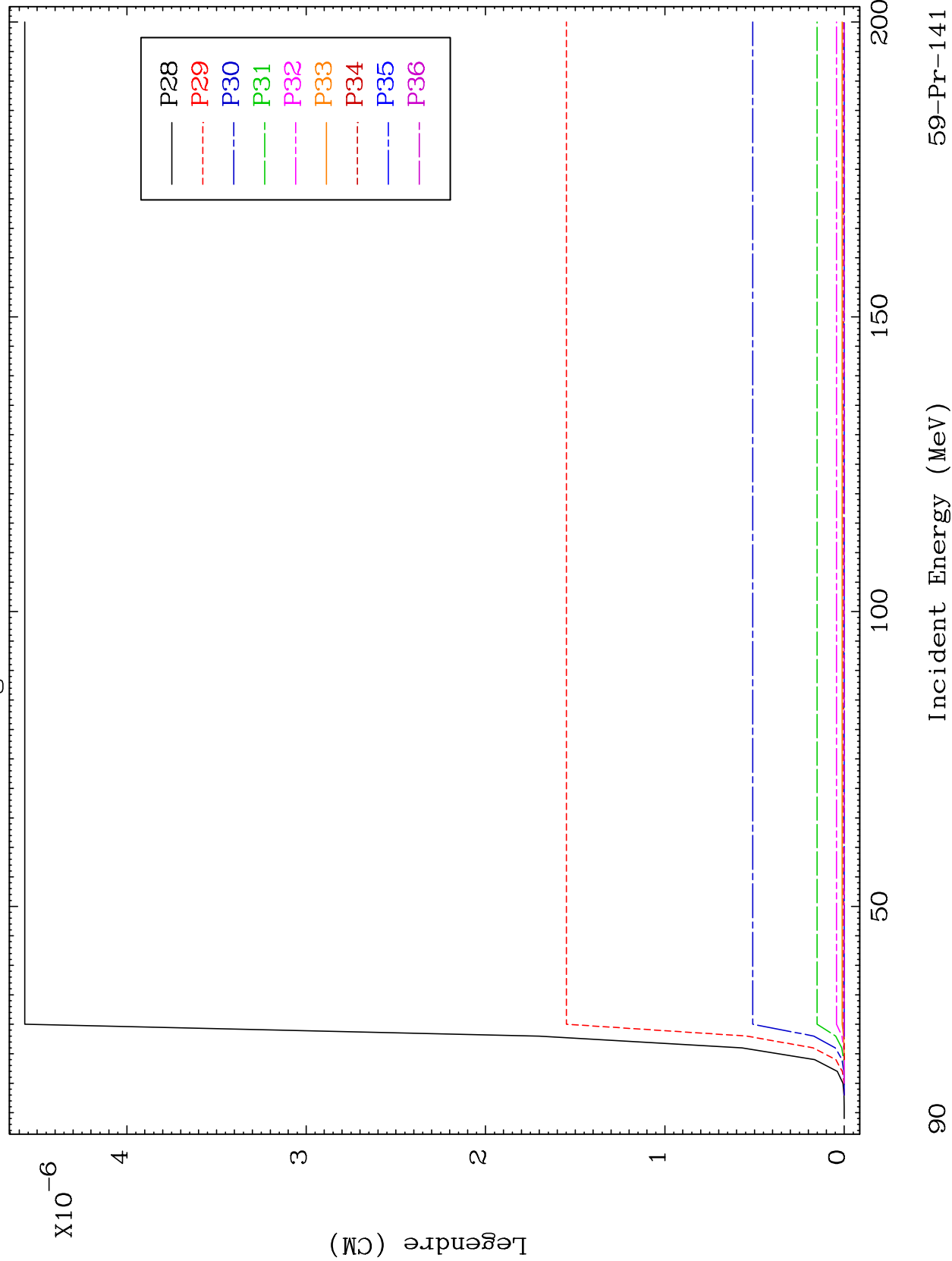




MAT 5925

MT= 68 (n,n') Level
Legendre Coefficients

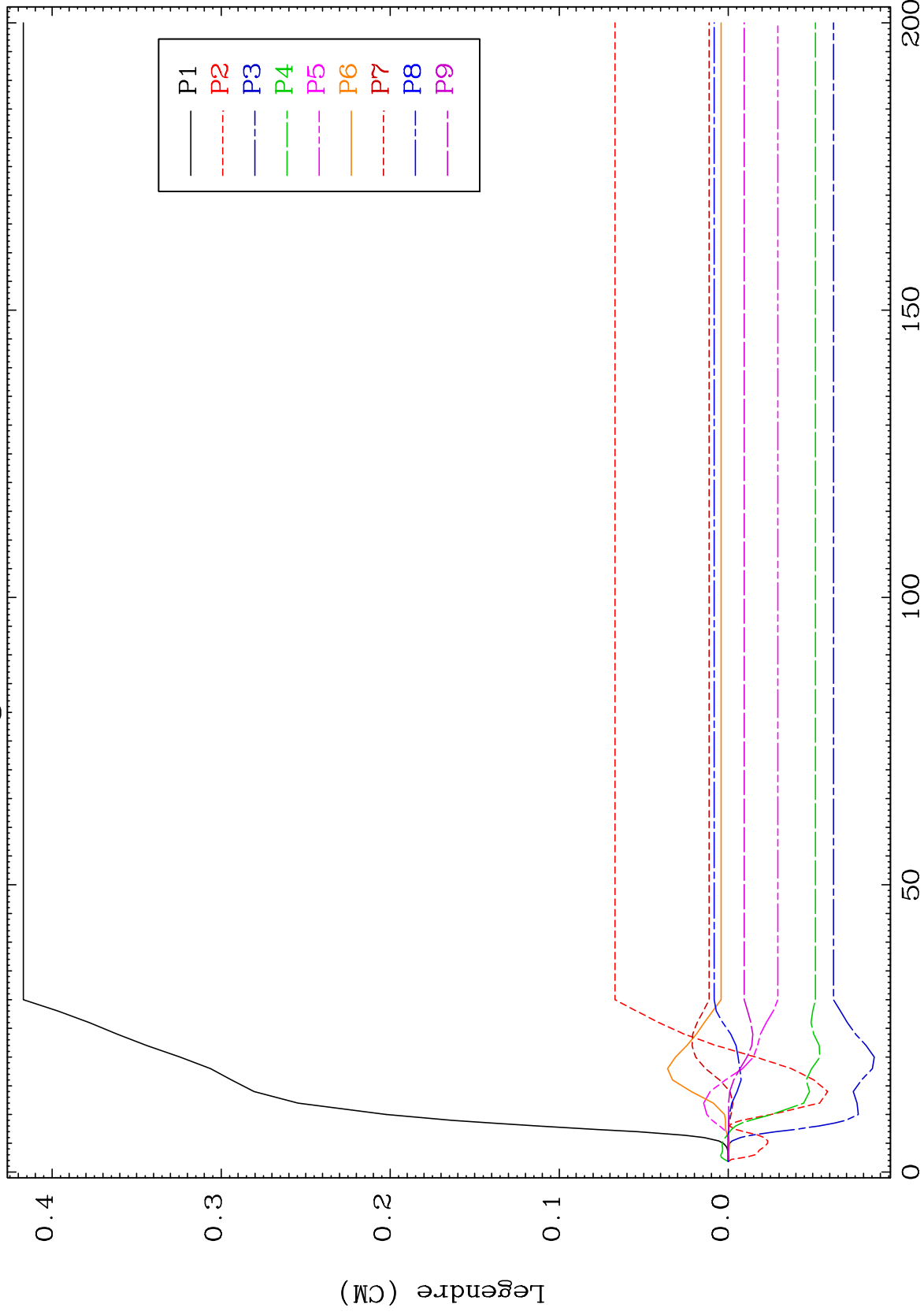
59-Pr-141



MAT 5925

MT= 69 (n,n') Level
Legendre Coefficients

59-Pr-141



91

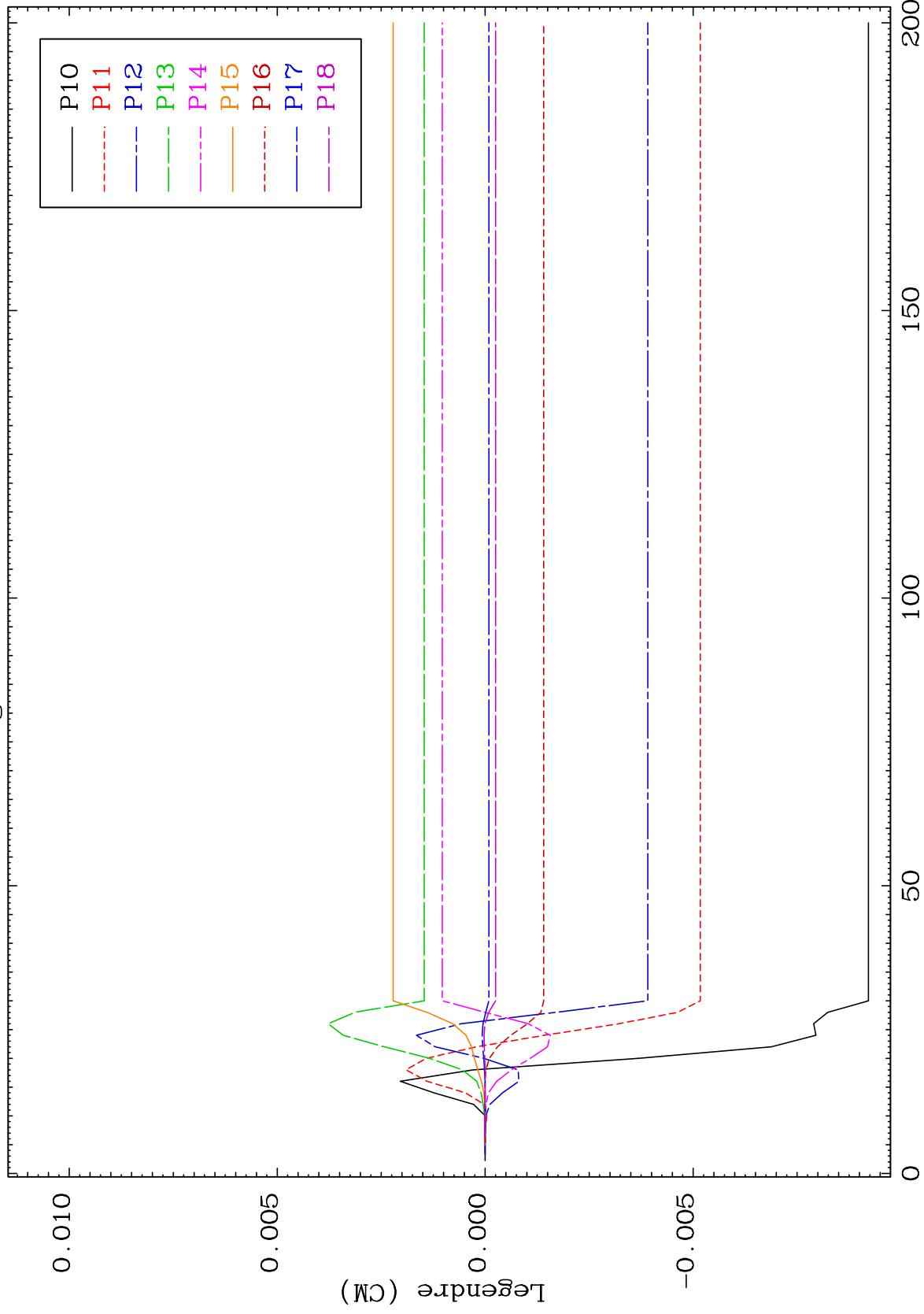
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 69 (n,n') Level
Legendre Coefficients

59-Pr-141



92

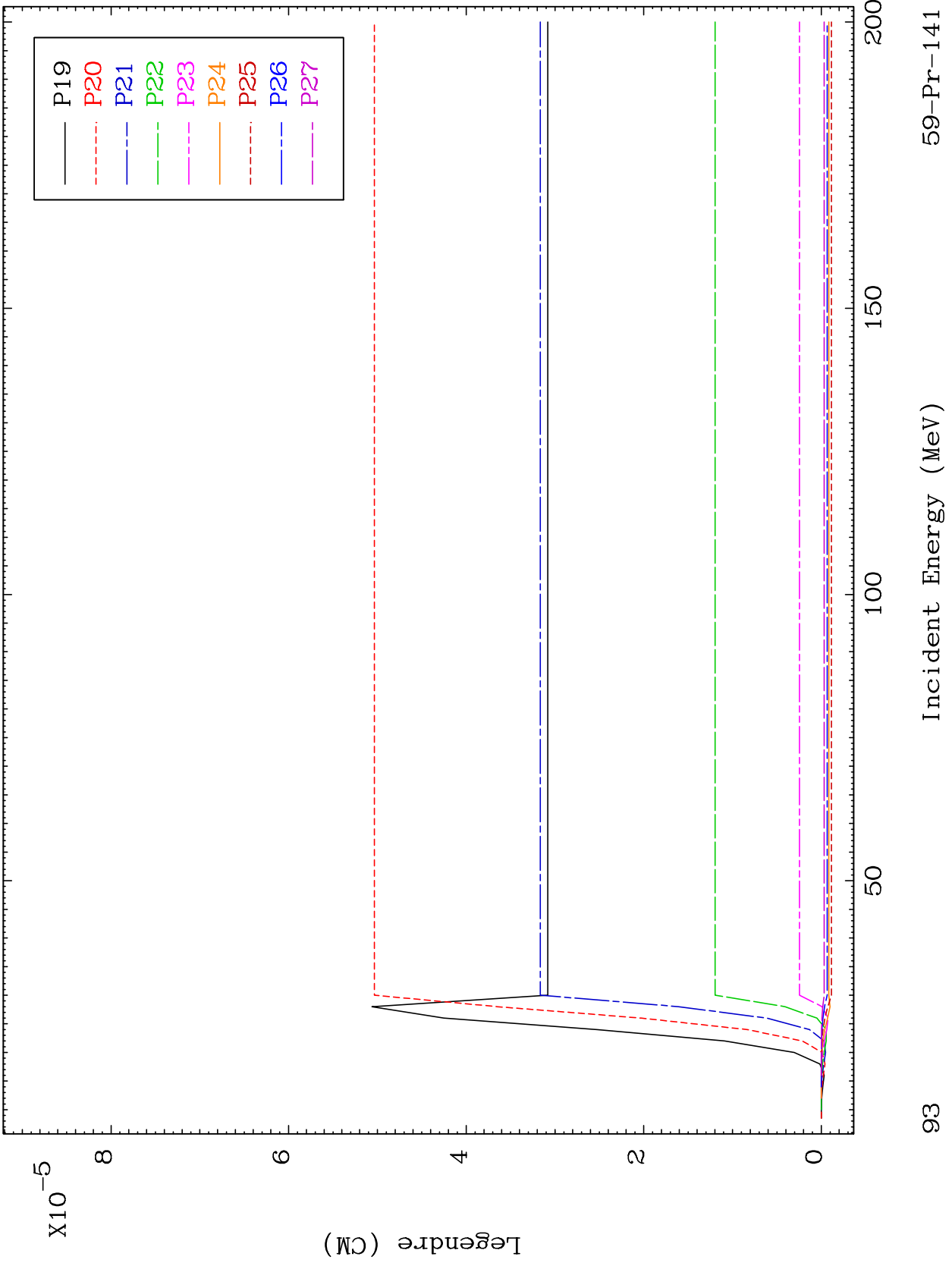
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 69 (n,n') Level
Legendre Coefficients

59-Pr-141

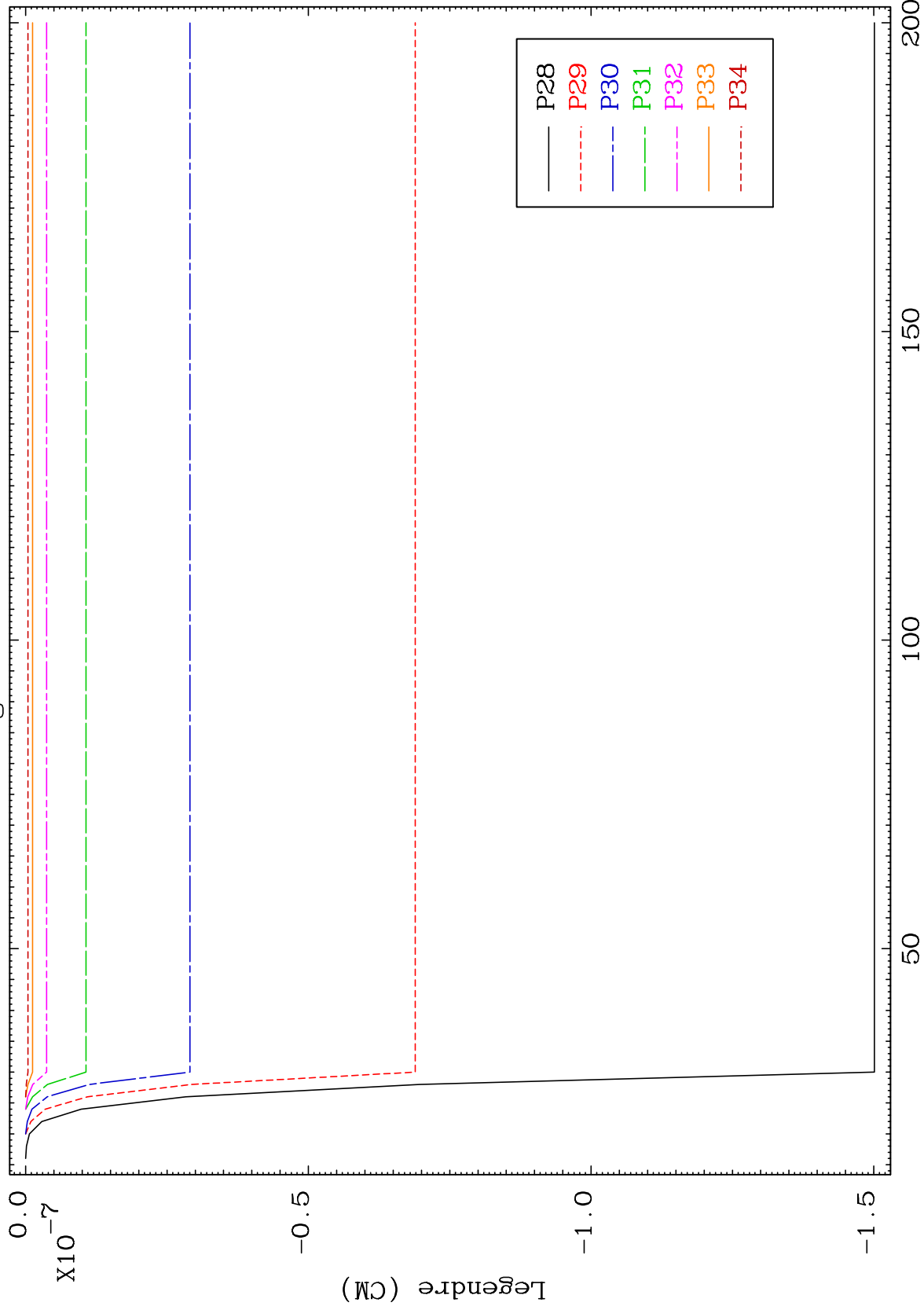


MAT 5925

MT= 69 (n,n') Level

59-Pr-141

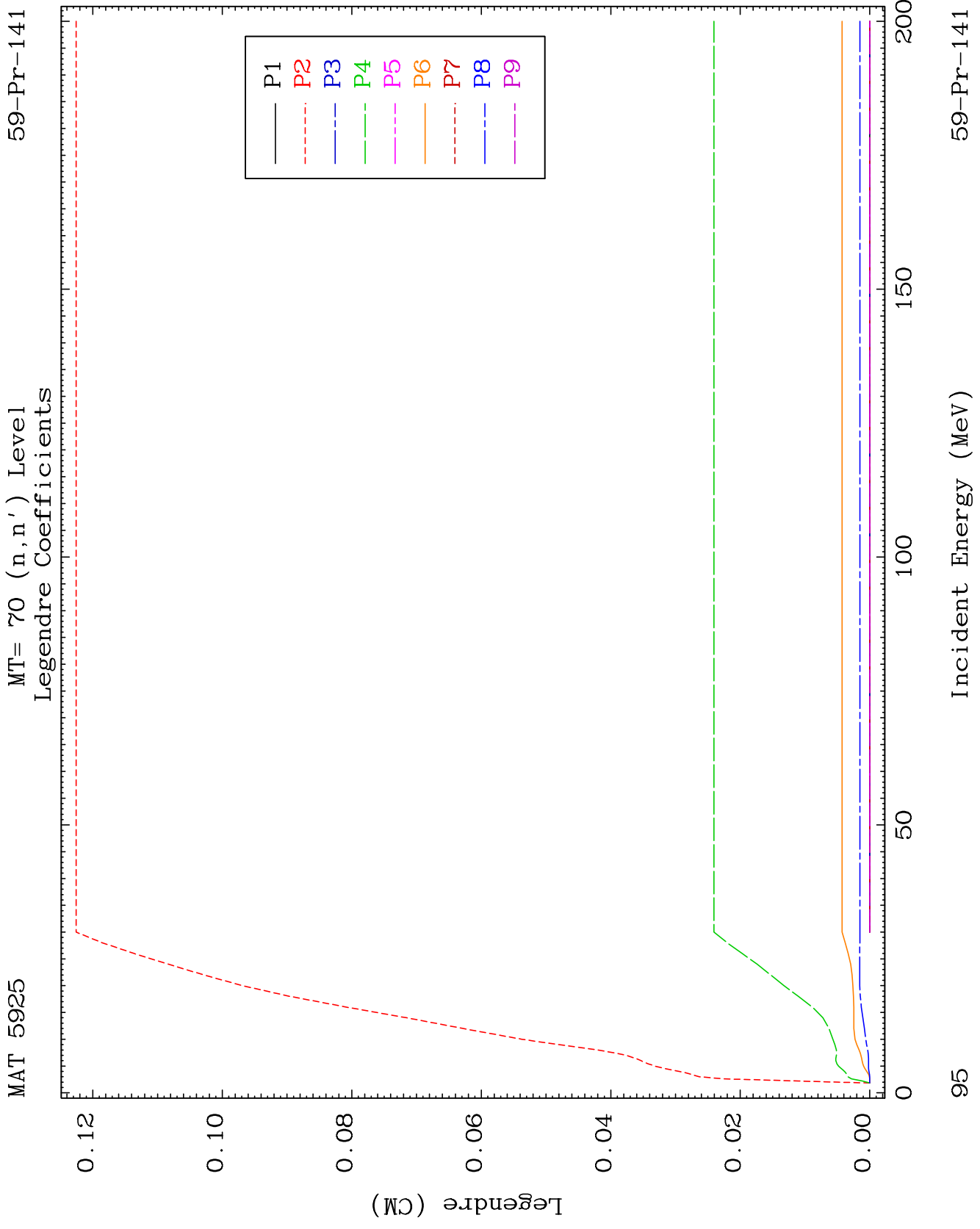
Legendre Coefficients



94

Incident Energy (MeV)

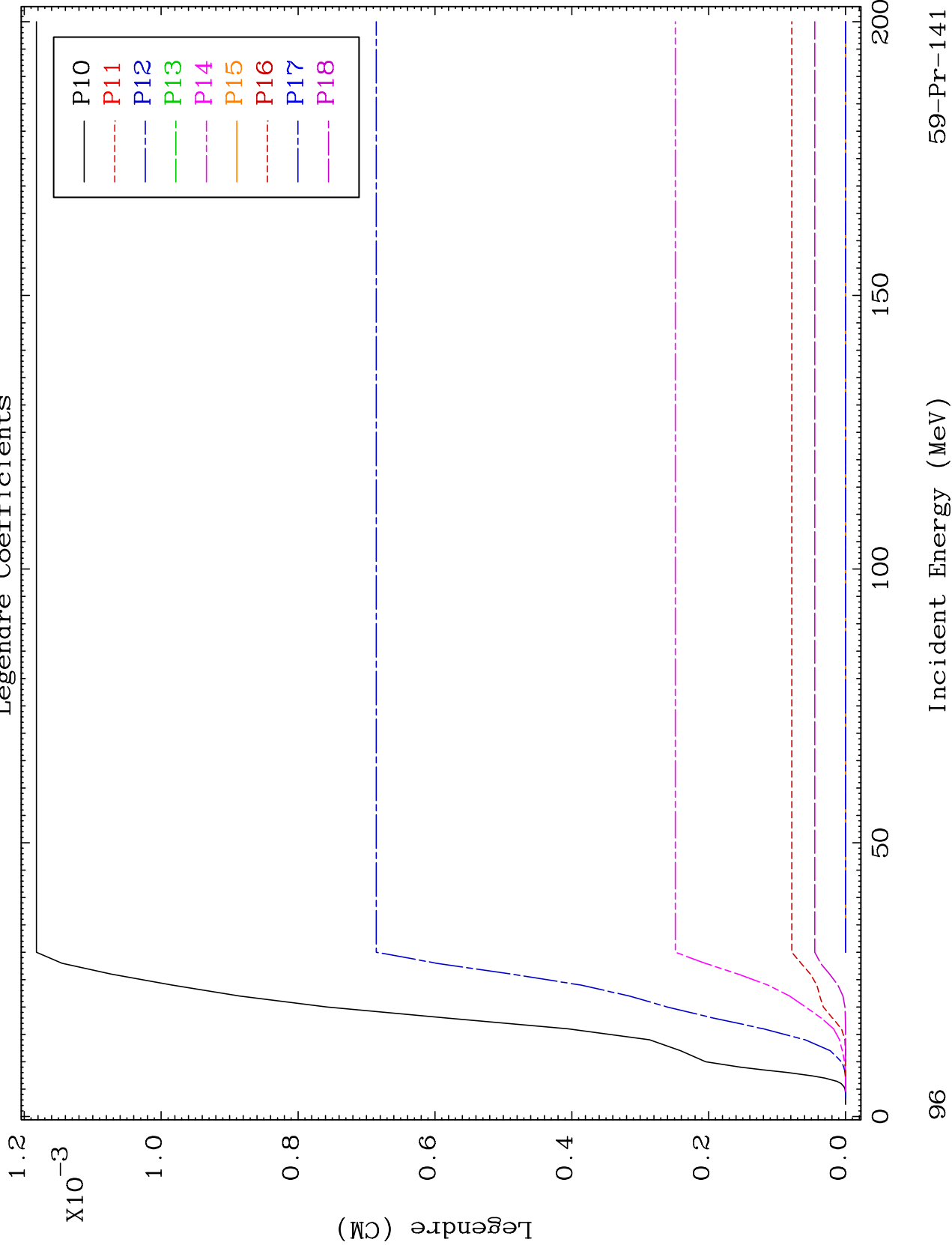
59-Pr-141



MAT 5925

MT= 70 (n,n') Level
Legendre Coefficients

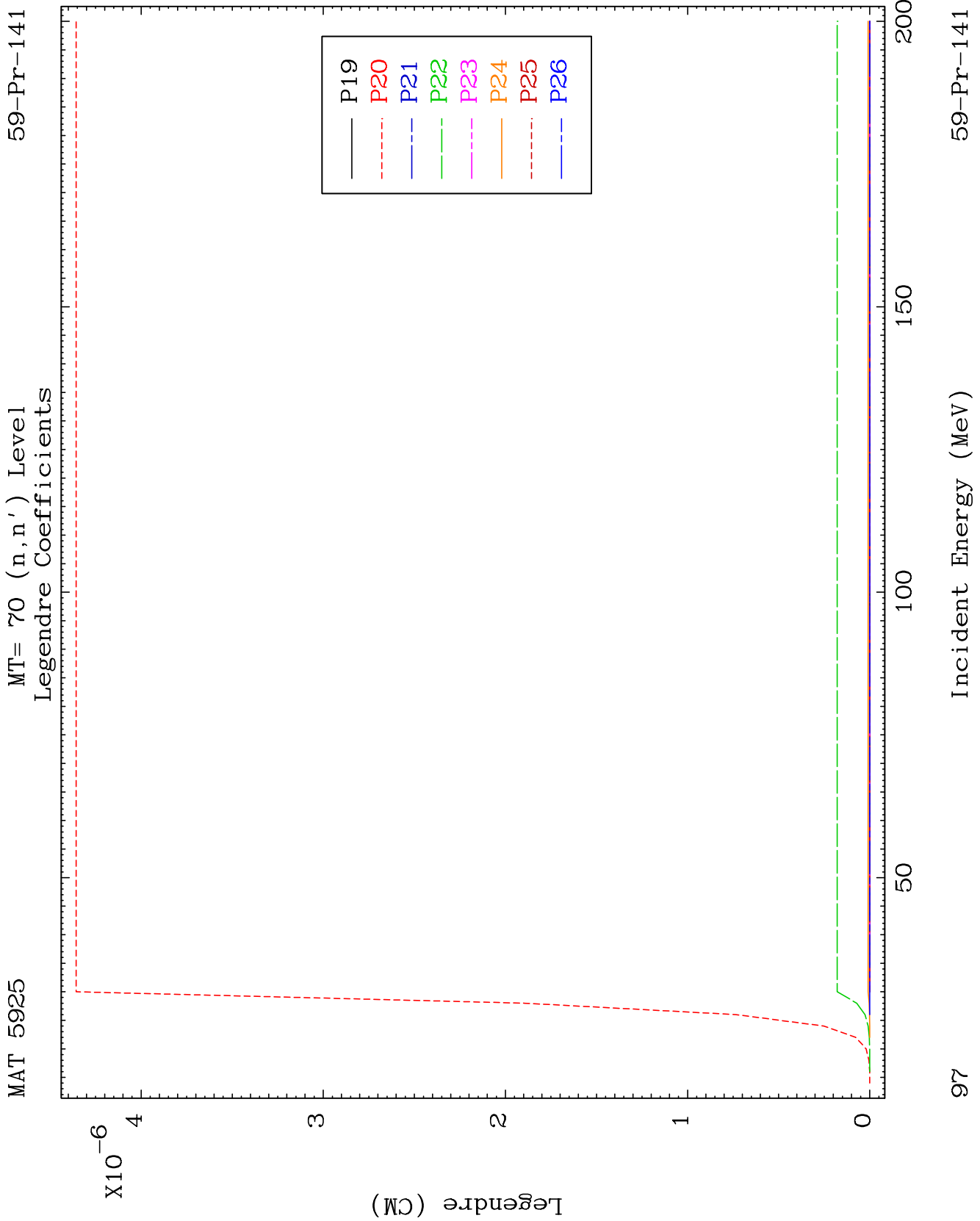
59-Pr-141



96

Incident Energy (MeV)

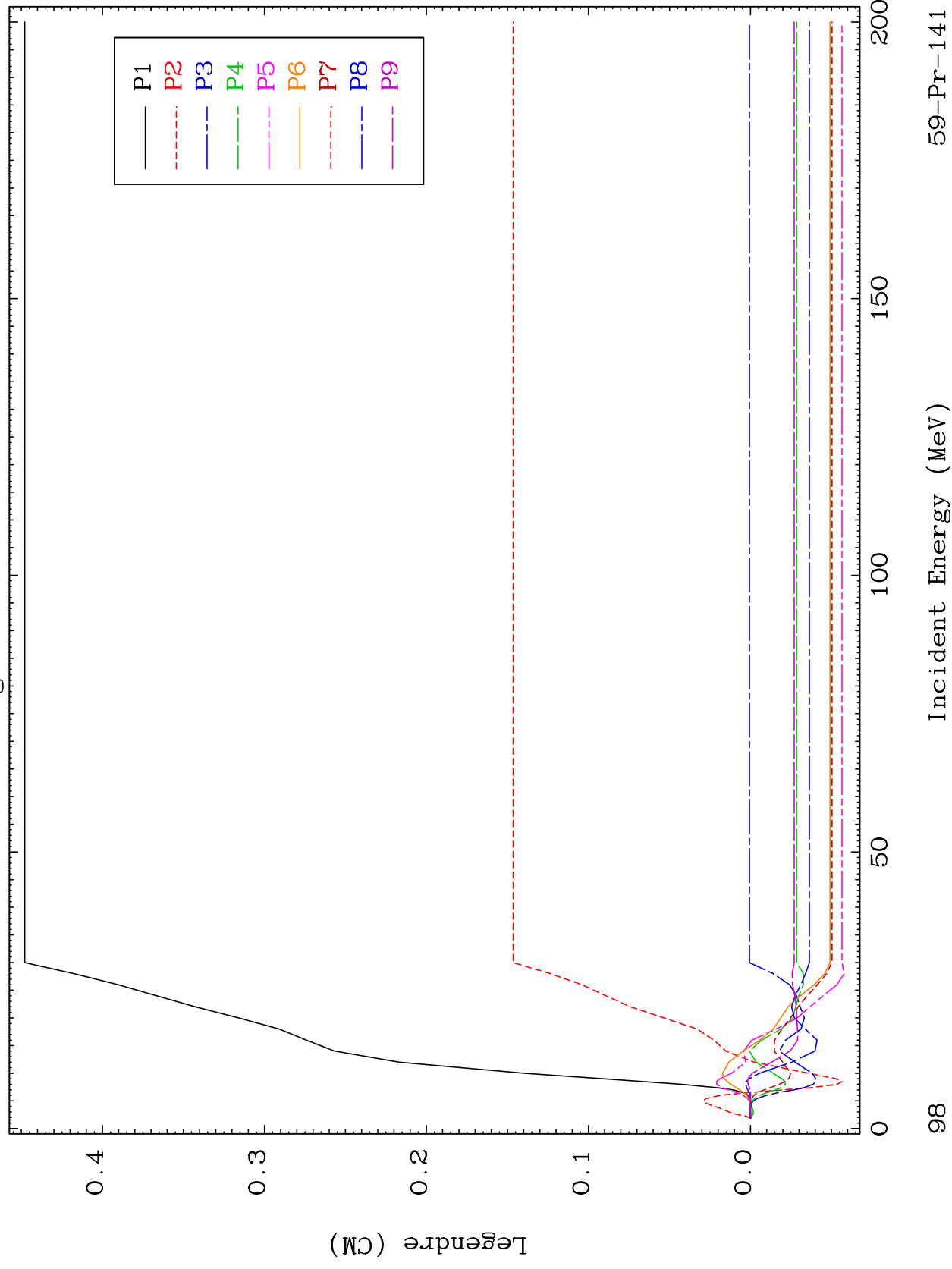
59-Pr-141



MAT 5925

MT= 71 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

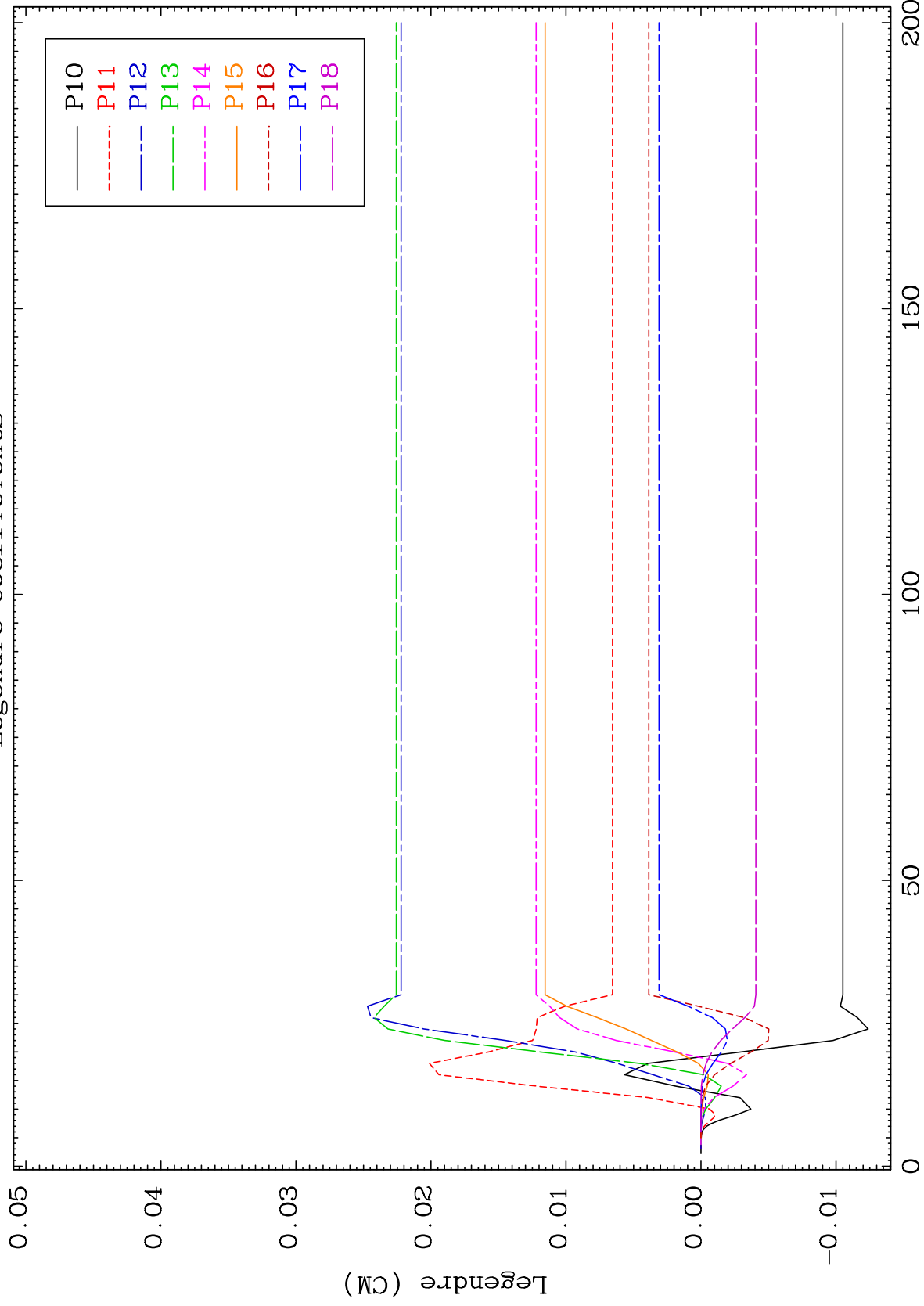
Incident Energy (MeV)

98

MAT 5925

MT= 71 (n,n') Level
Legendre Coefficients

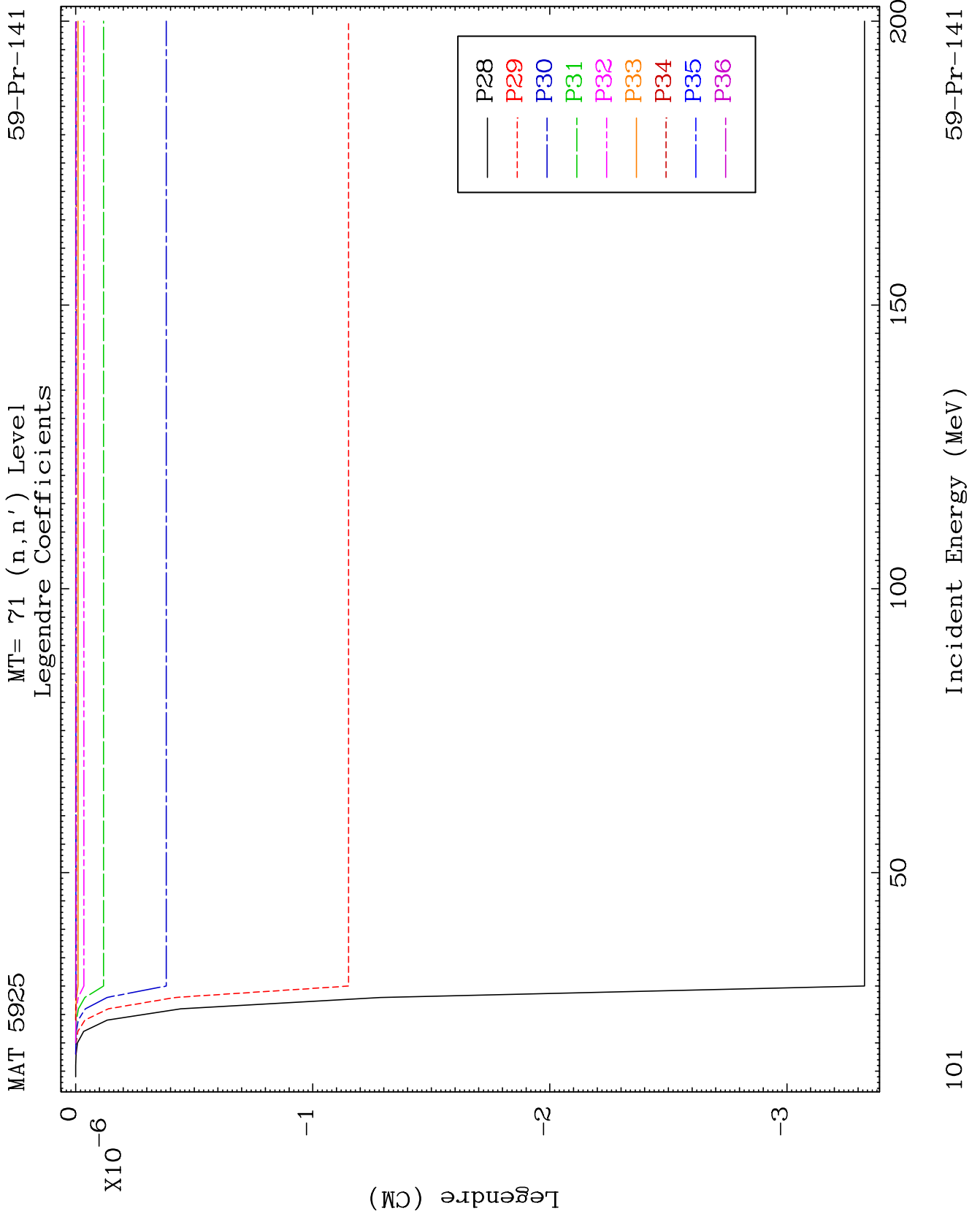
59-Pr-141



99

Incident Energy (MeV)

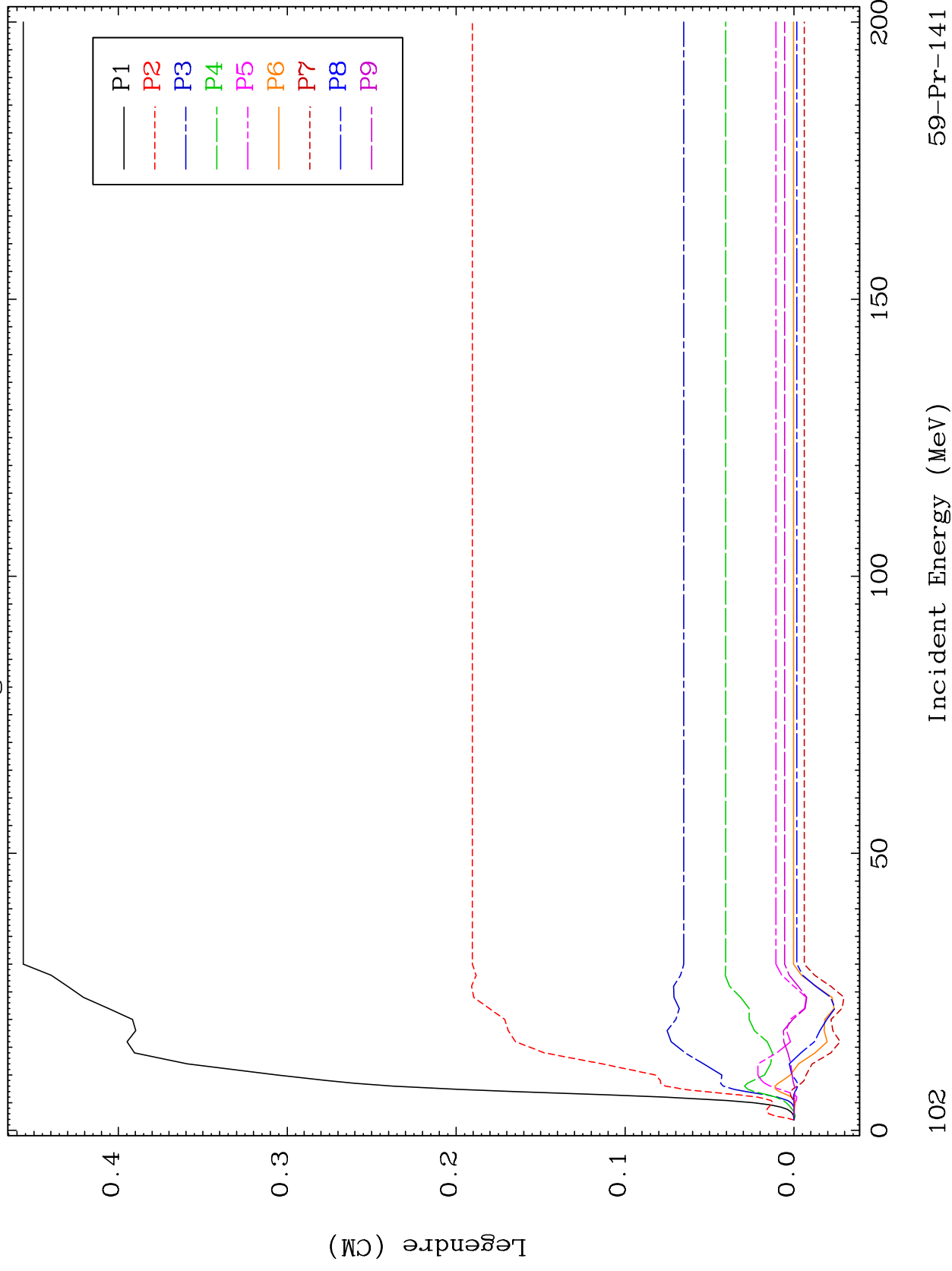
59-Pr-141



MAT 5925

MT= 72 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

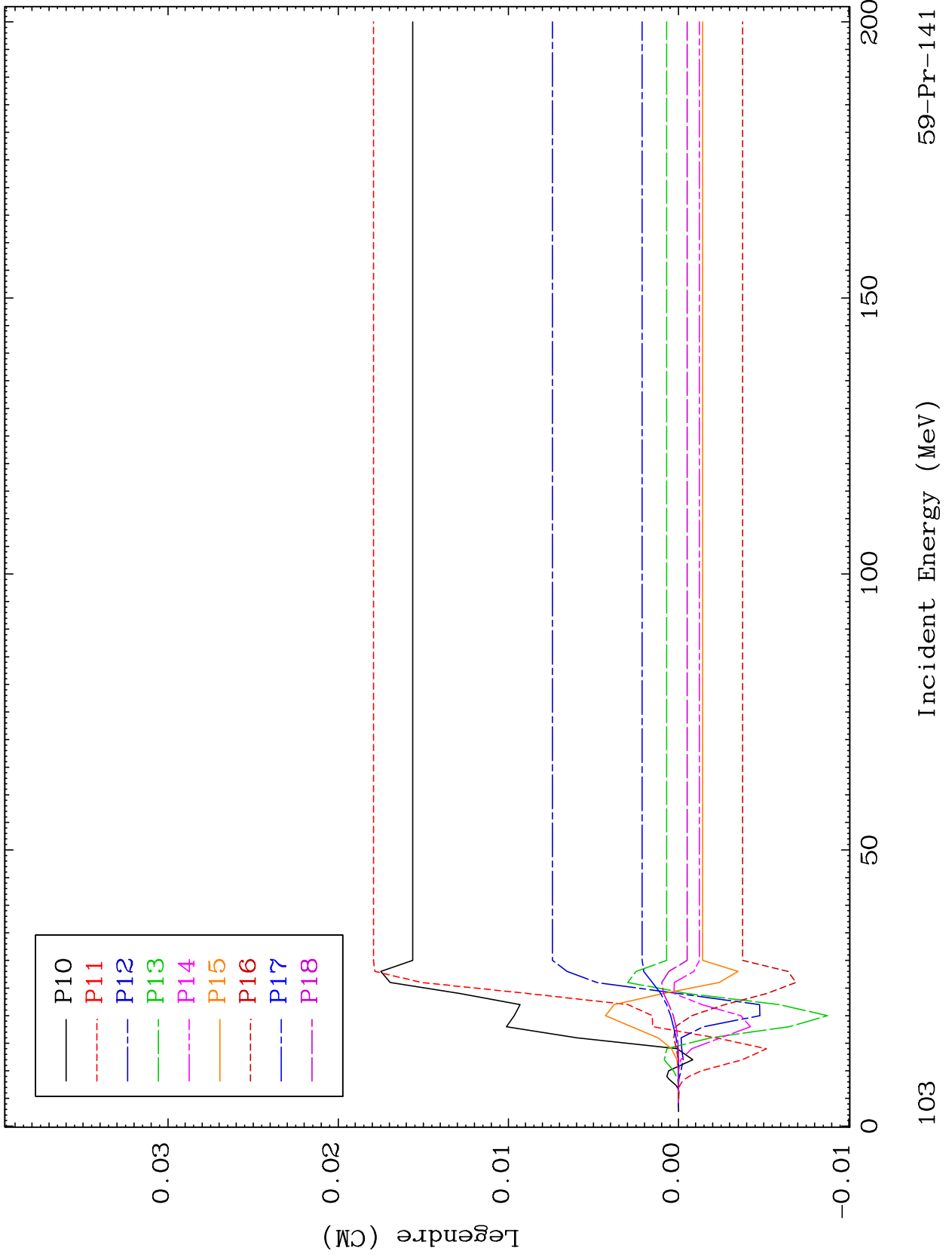
Incident Energy (MeV)

102

MAT 5925

MT= 72 (n,n') Level
Legendre Coefficients

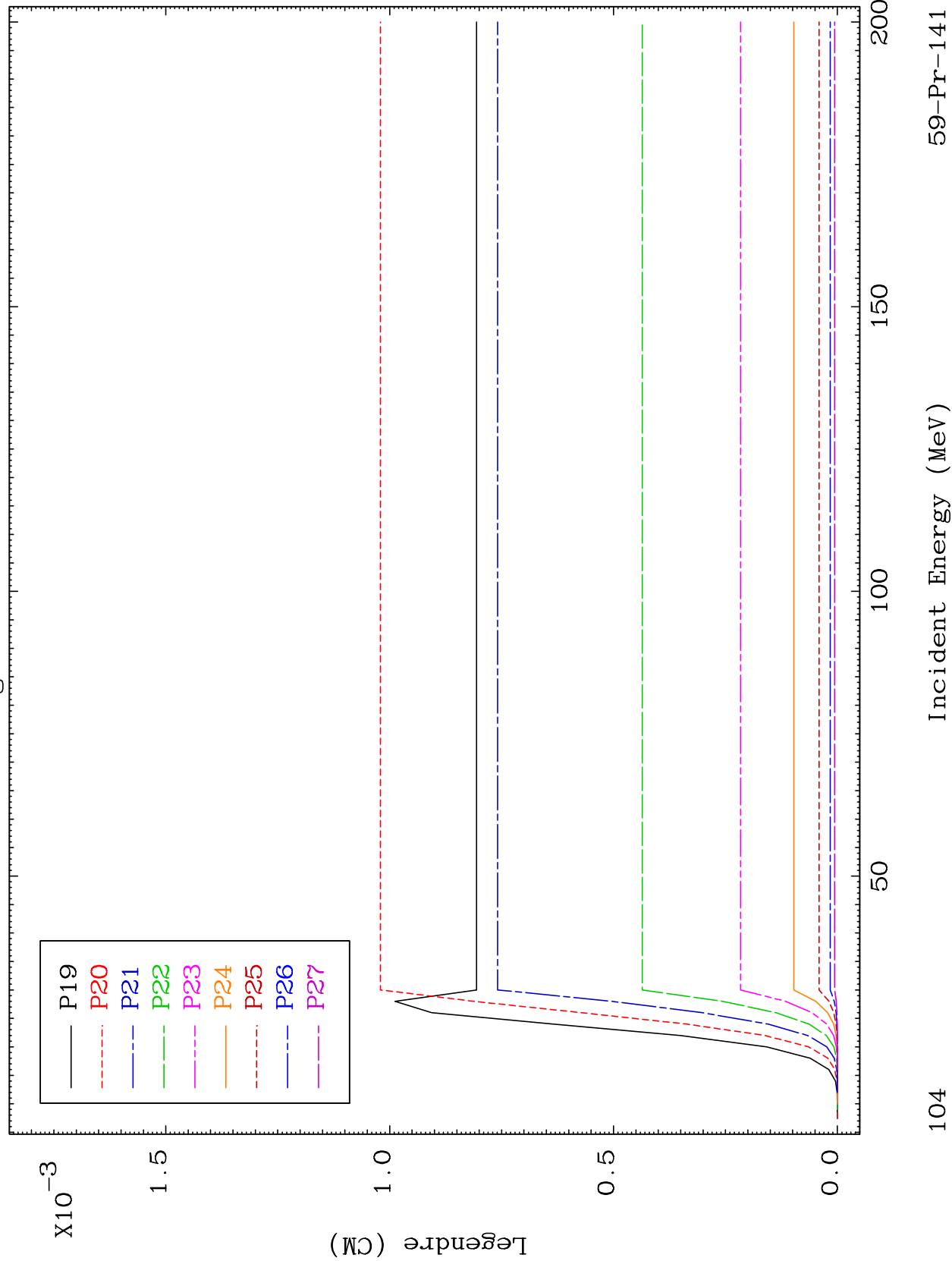
59-Pr-141



59-Pr-141

Incident Energy (MeV)

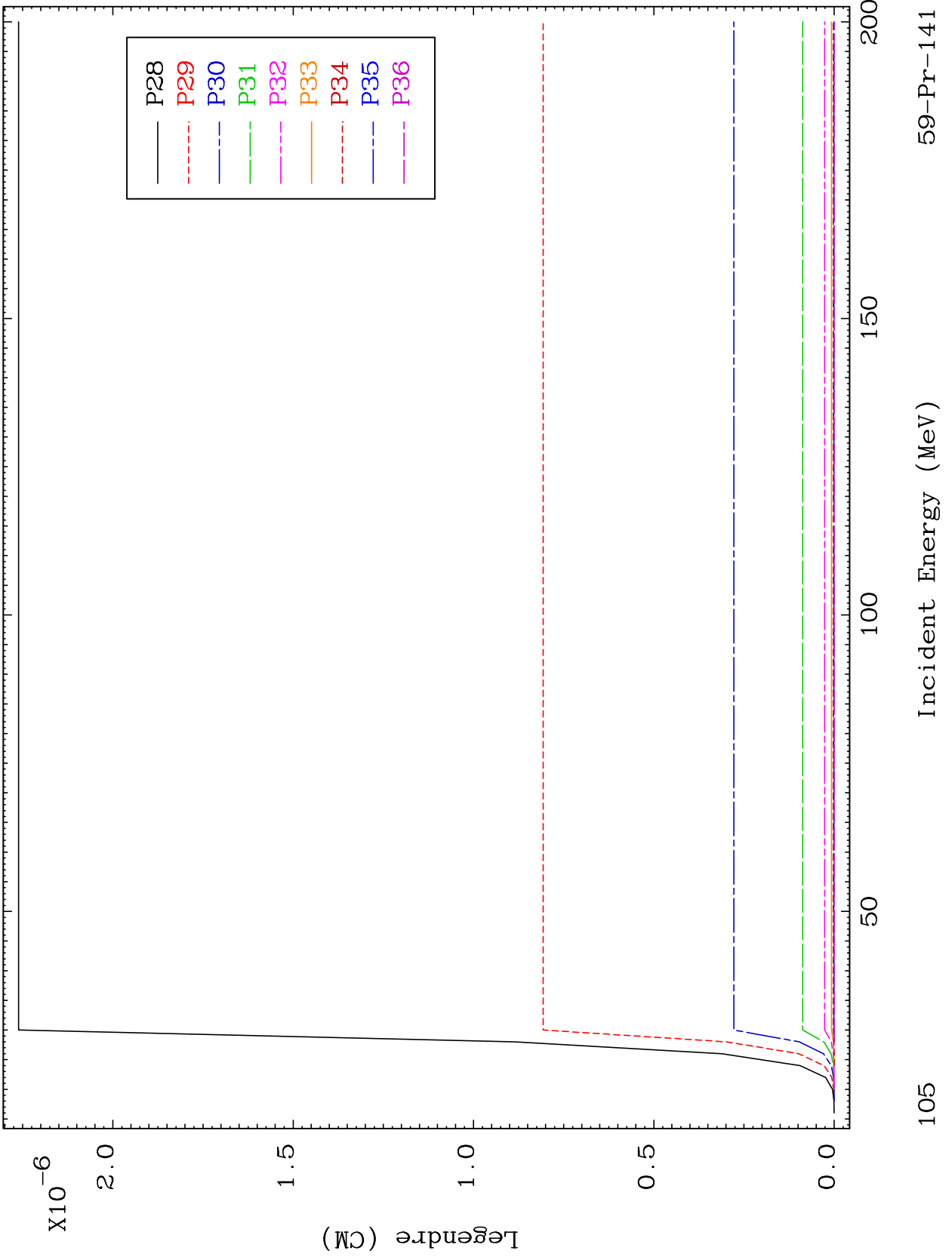
103



MAT 5925

MT= 72 (n,n') Level
Legendre Coefficients

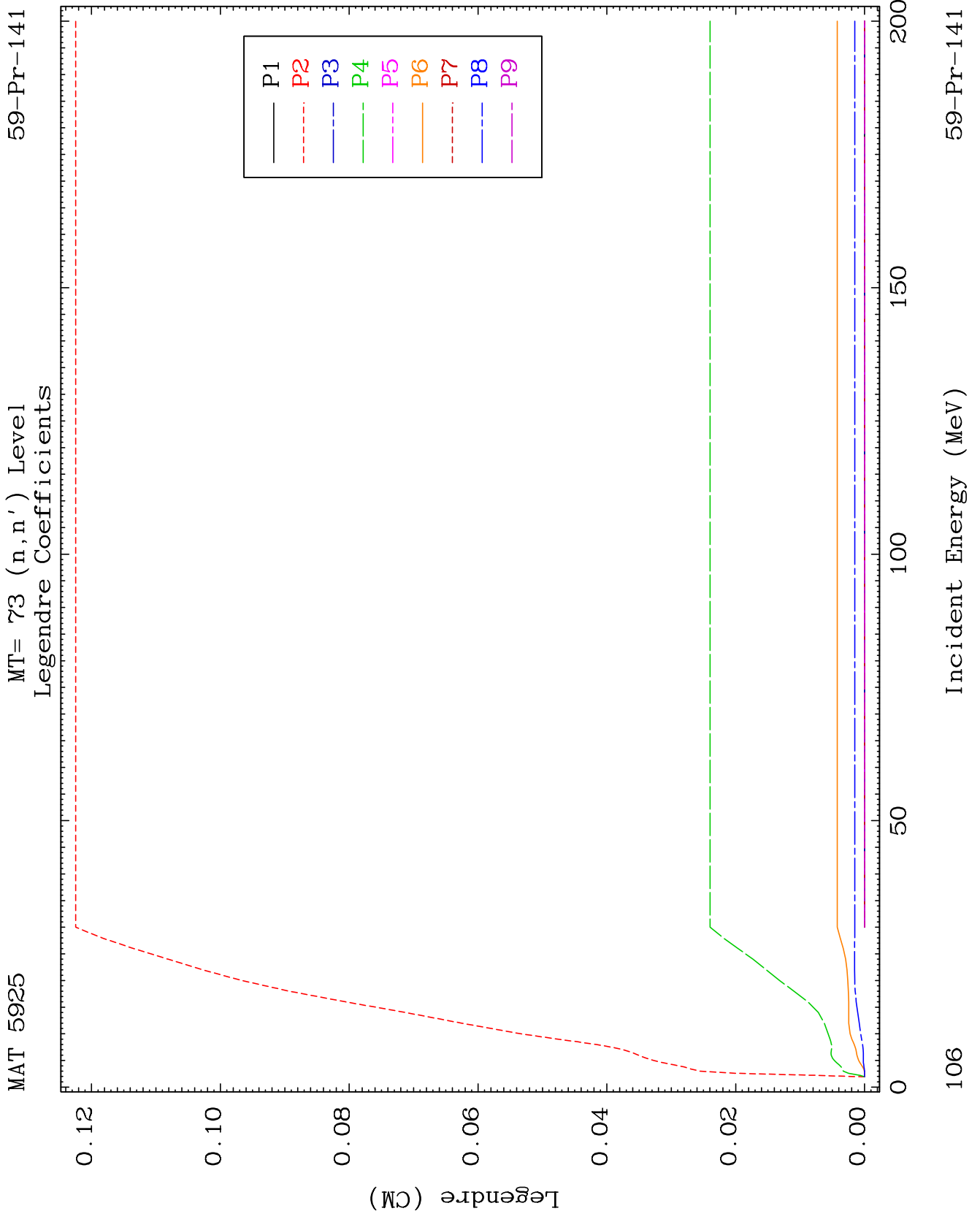
59-Pr-141



105

Incident Energy (MeV)

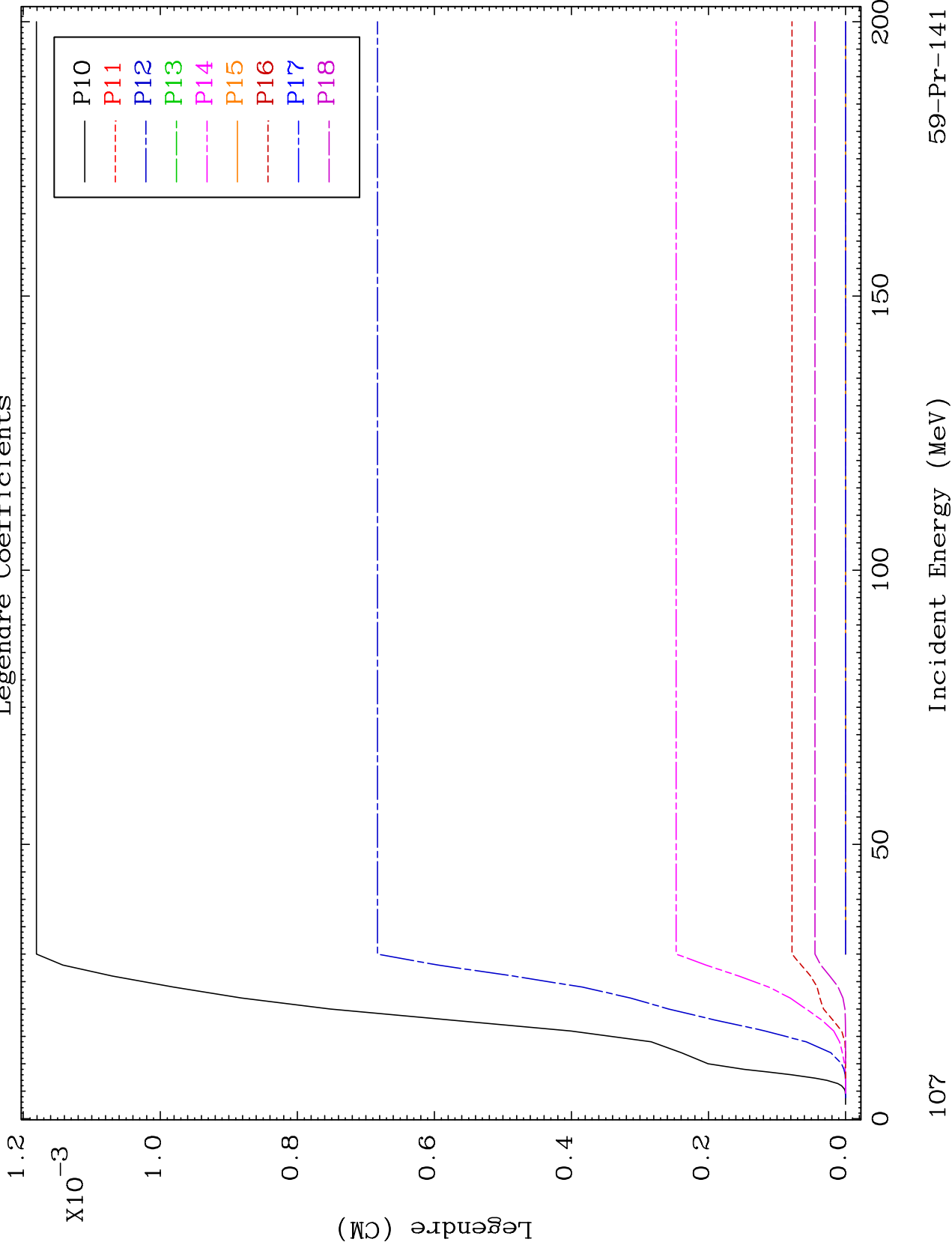
59-Pr-141



MAT 5925

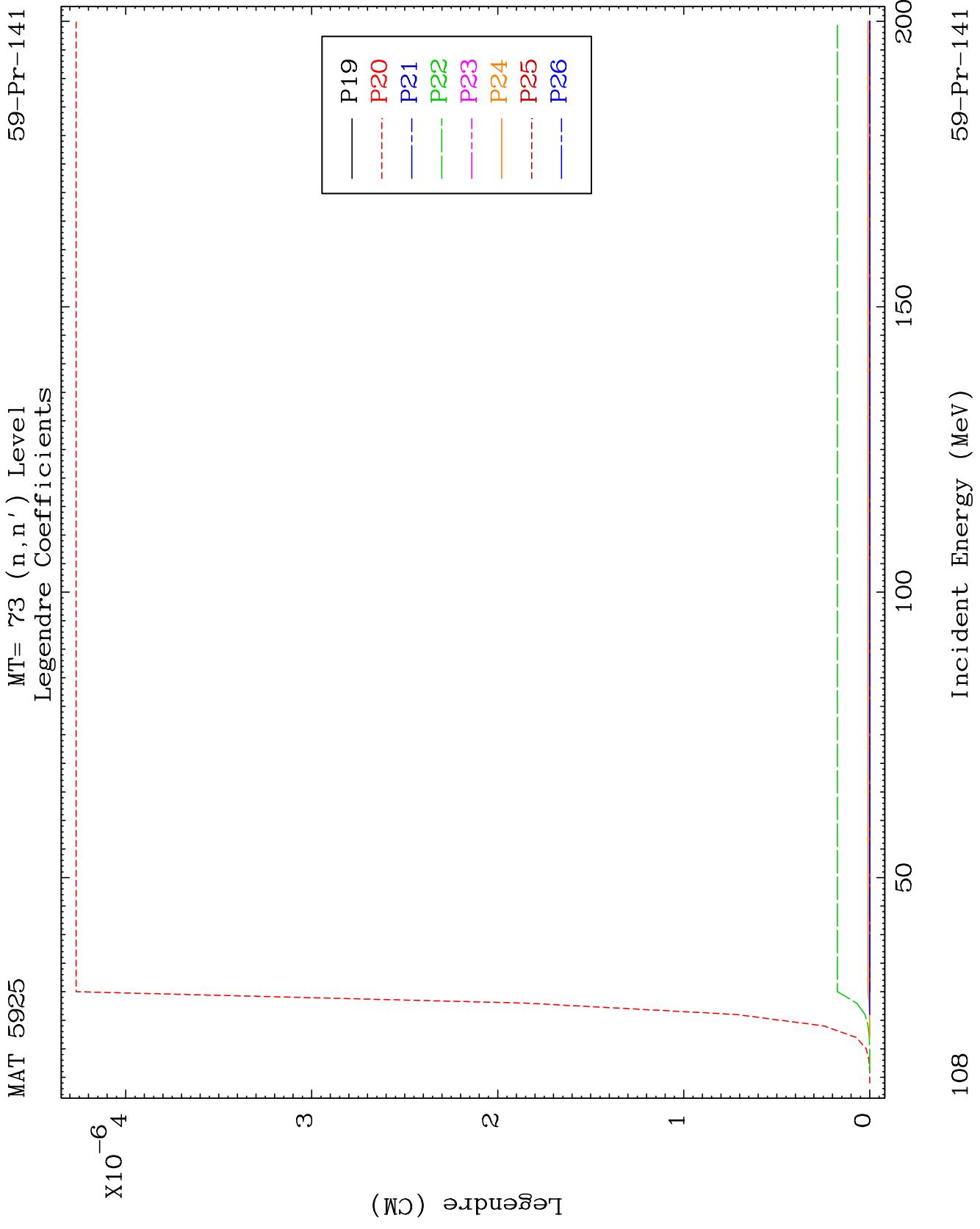
MT= 73 (n,n') Level
Legendre Coefficients

59-Pr-141



107

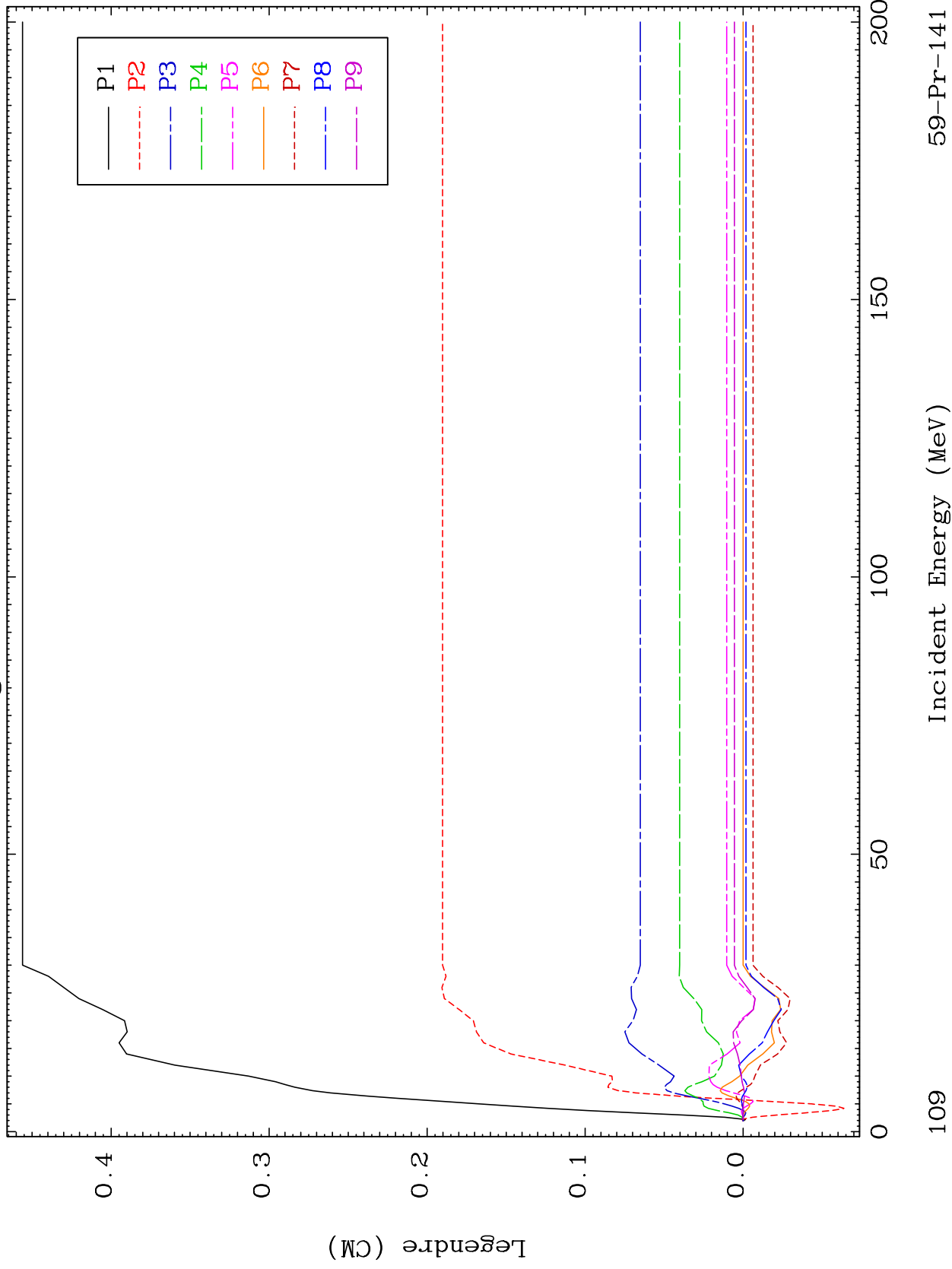
59-Pr-141



MAT 5925

MT= 74 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

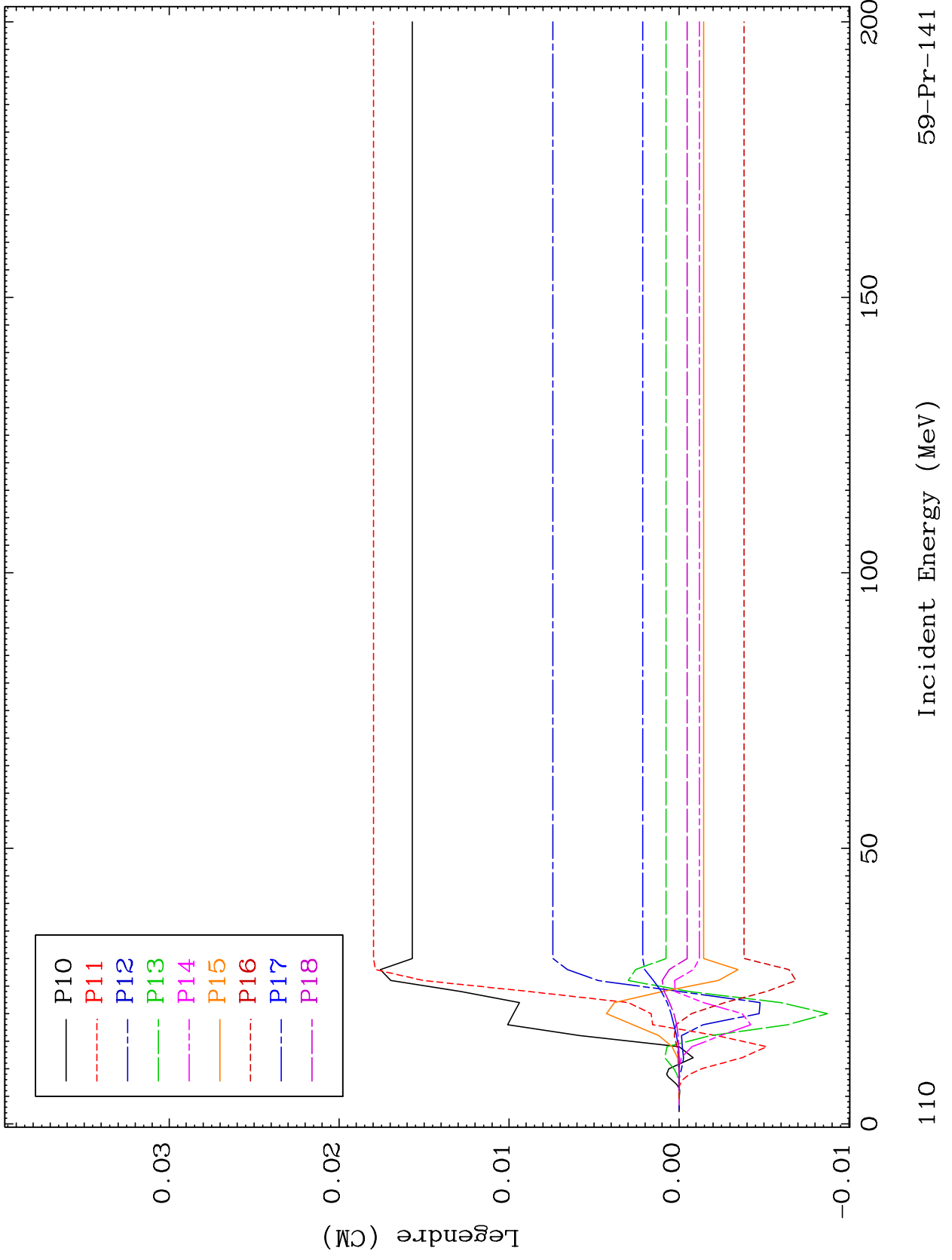
Incident Energy (MeV)

109

MAT 5925

MT= 74 (n,n') Level
Legendre Coefficients

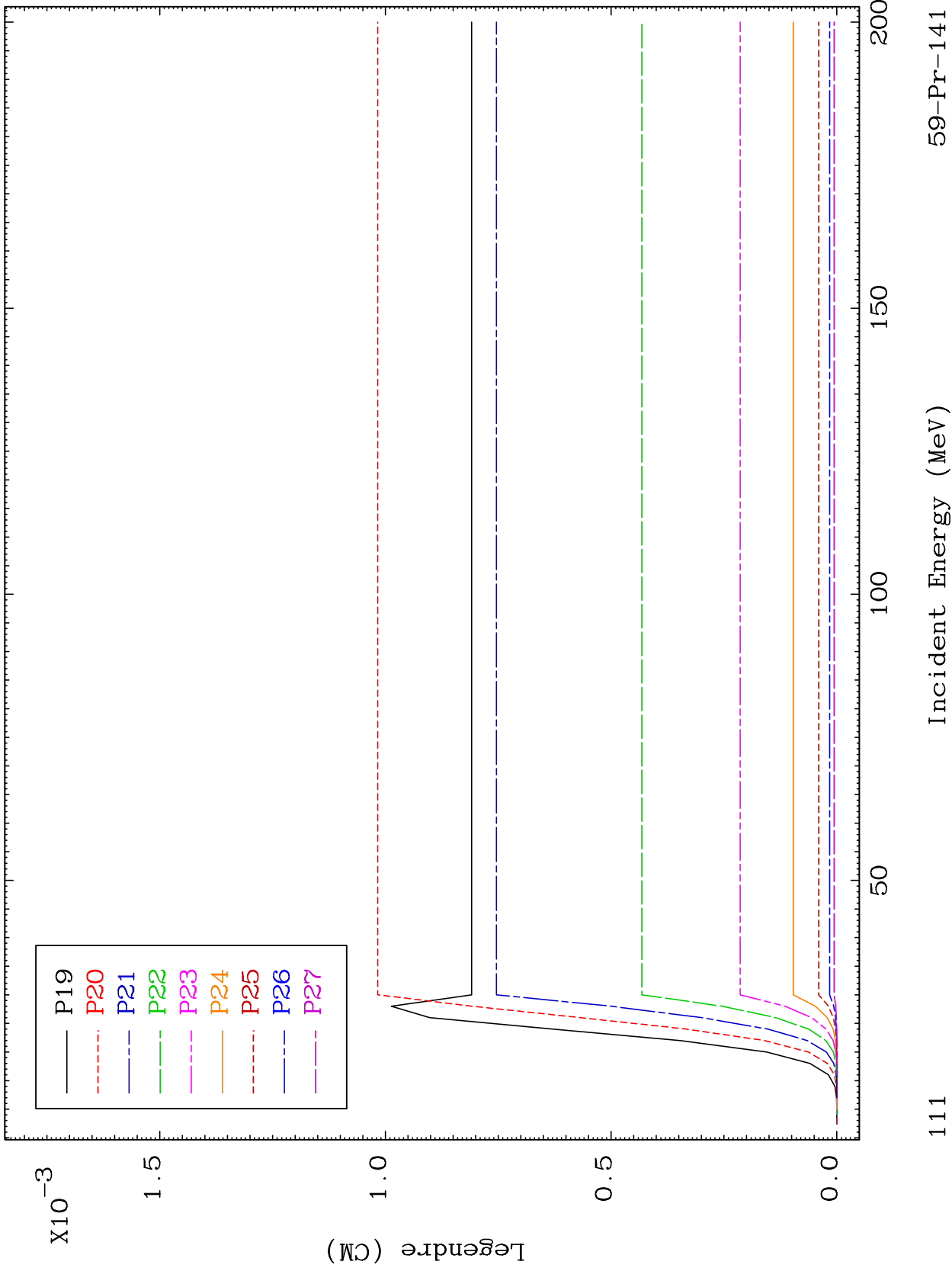
59-Pr-141



59-Pr-141

Incident Energy (MeV)

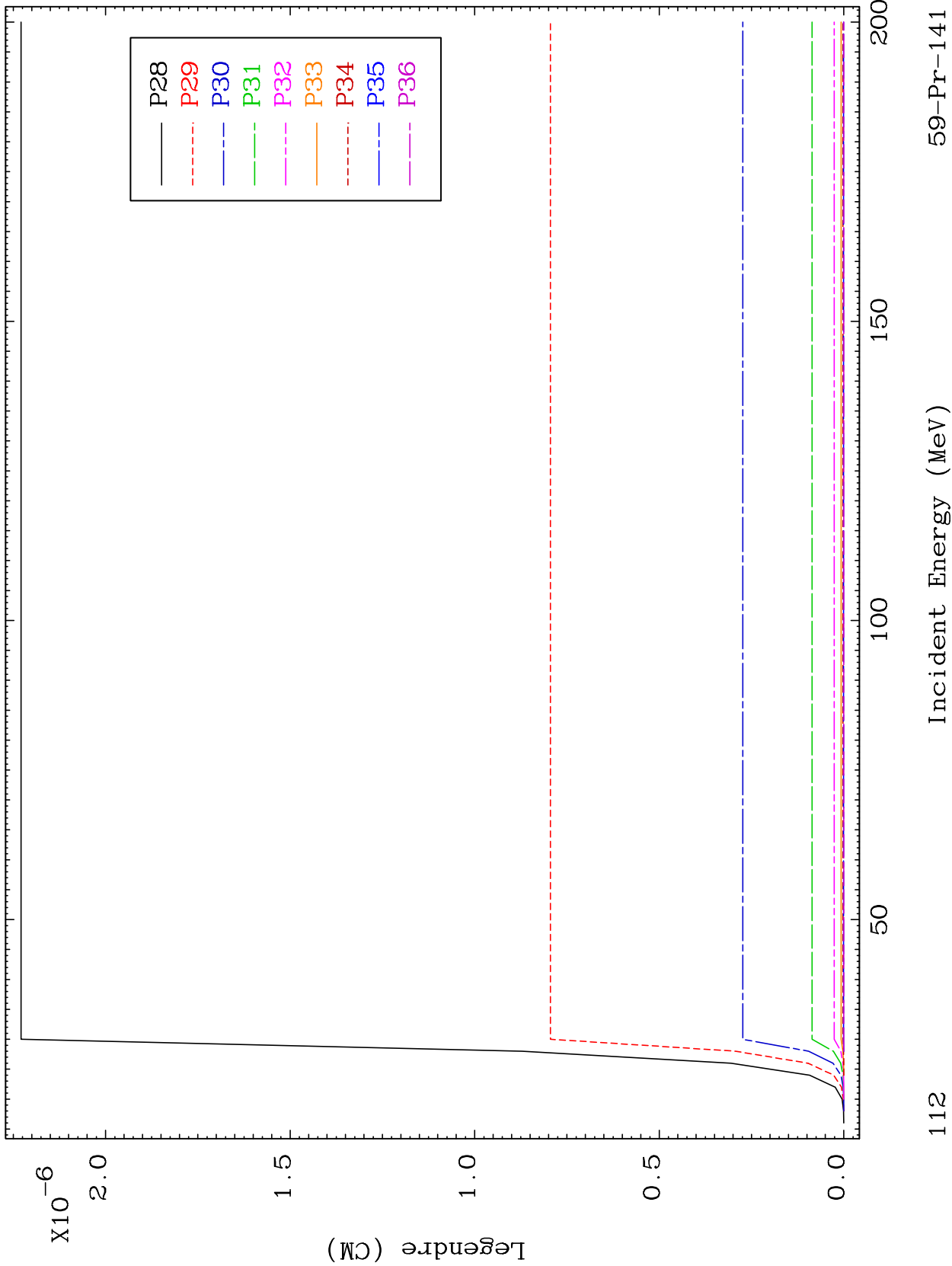
110



MAT 5925

MT= 74 (n,n') Level
Legendre Coefficients

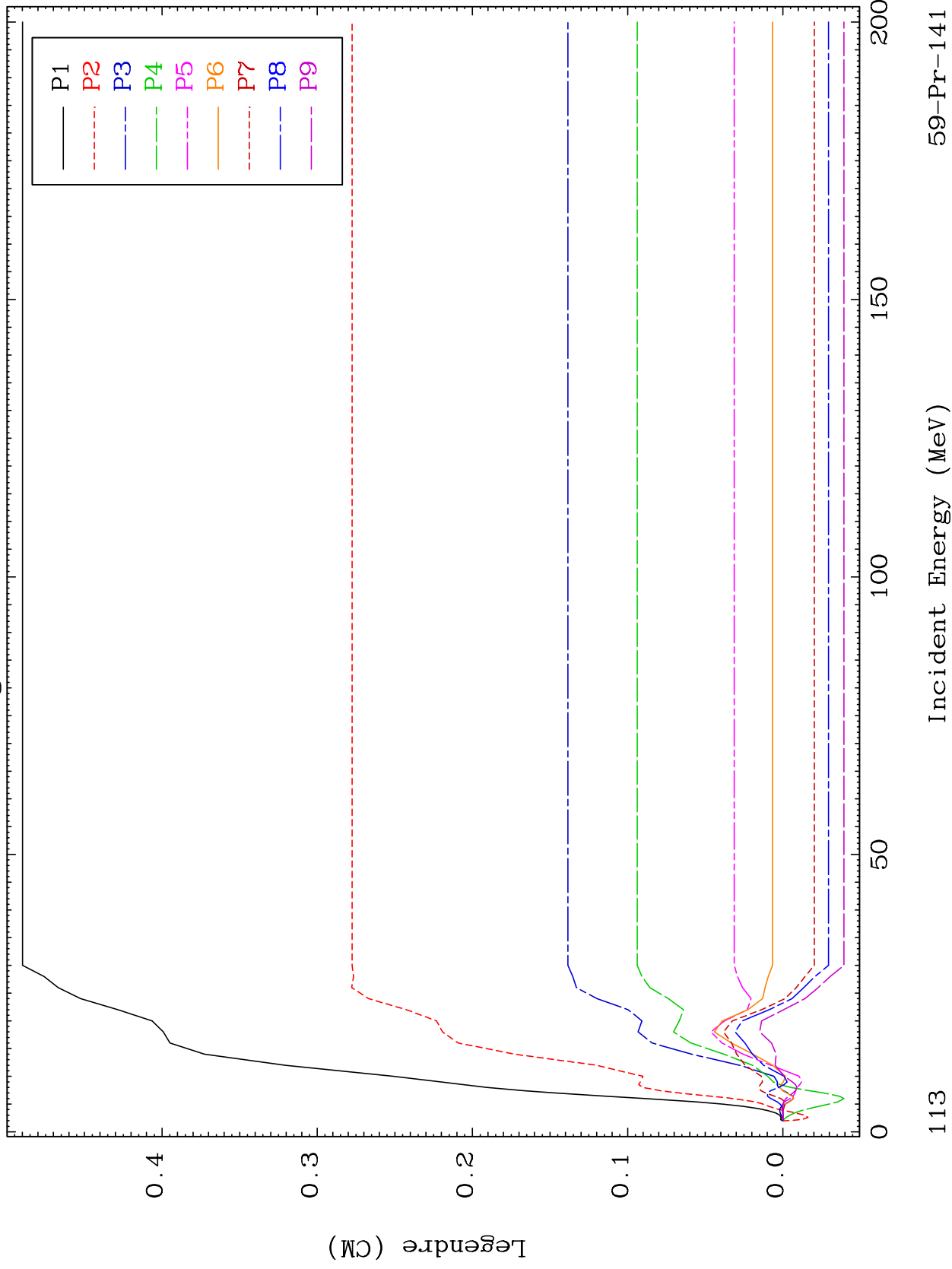
59-Pr-141



MAT 5925

MT= 75 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

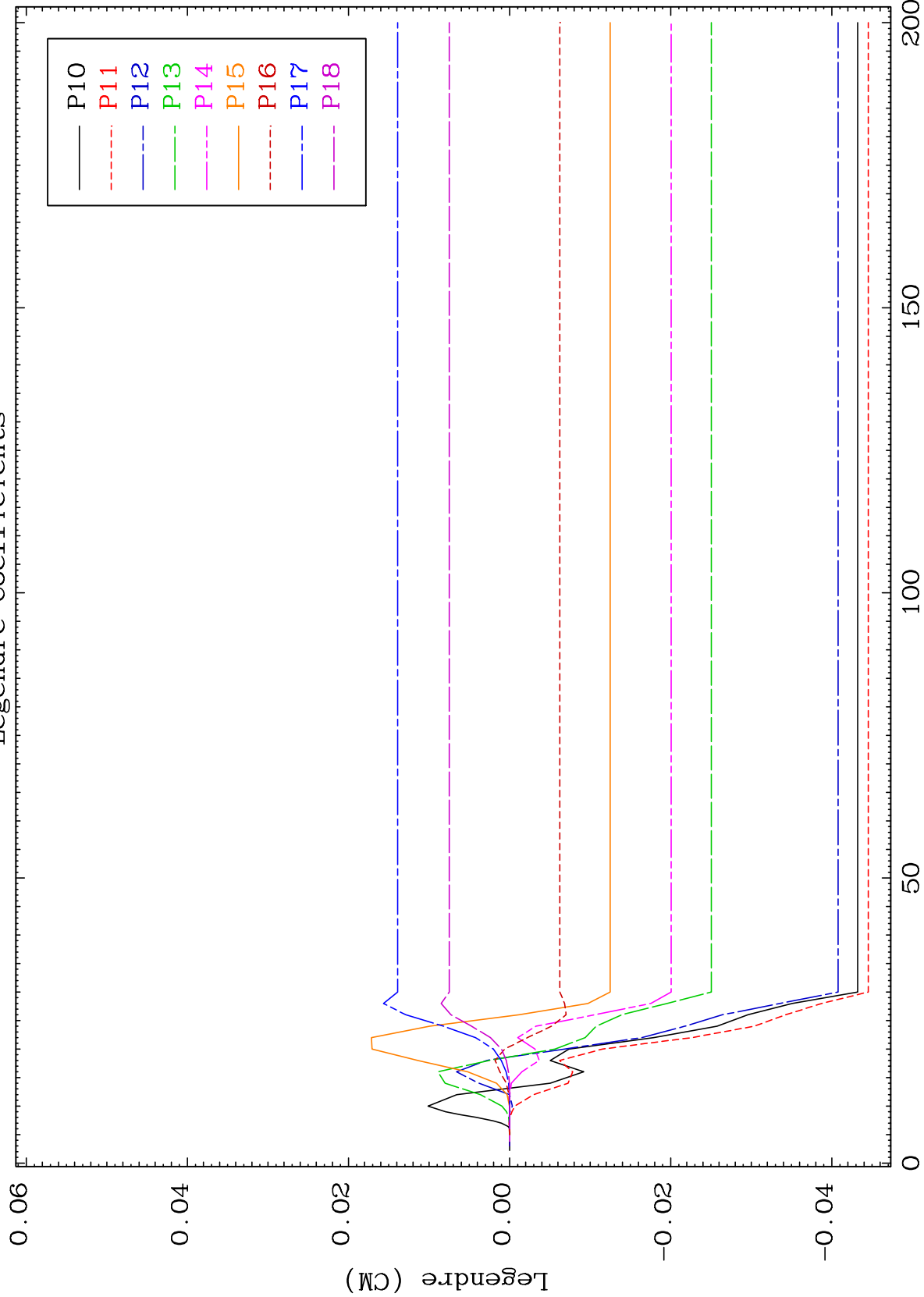
Incident Energy (MeV)

113

MAT 5925

MT= 75 (n,n') Level
Legendre Coefficients

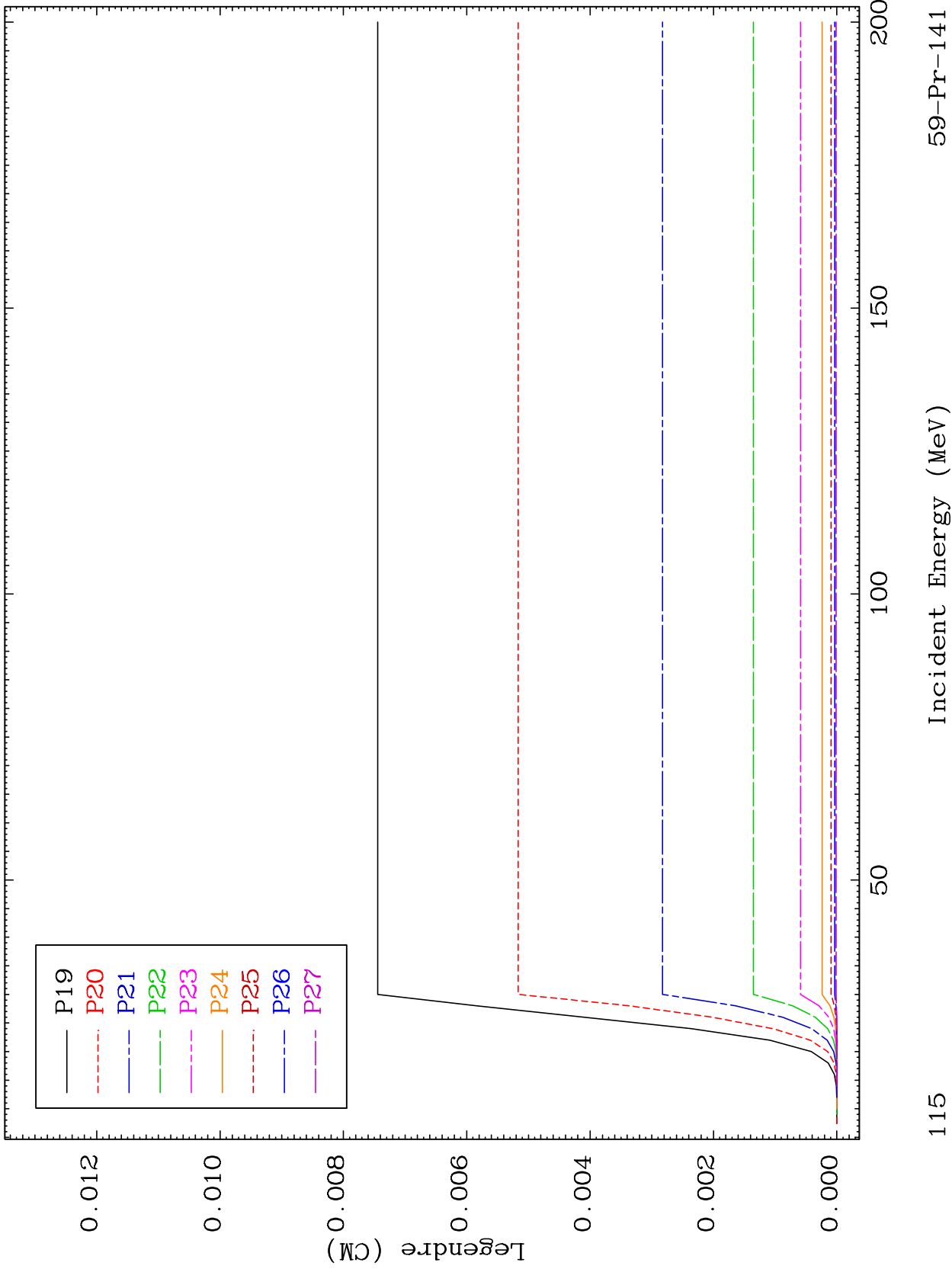
59-Pr-141



114

Incident Energy (MeV)

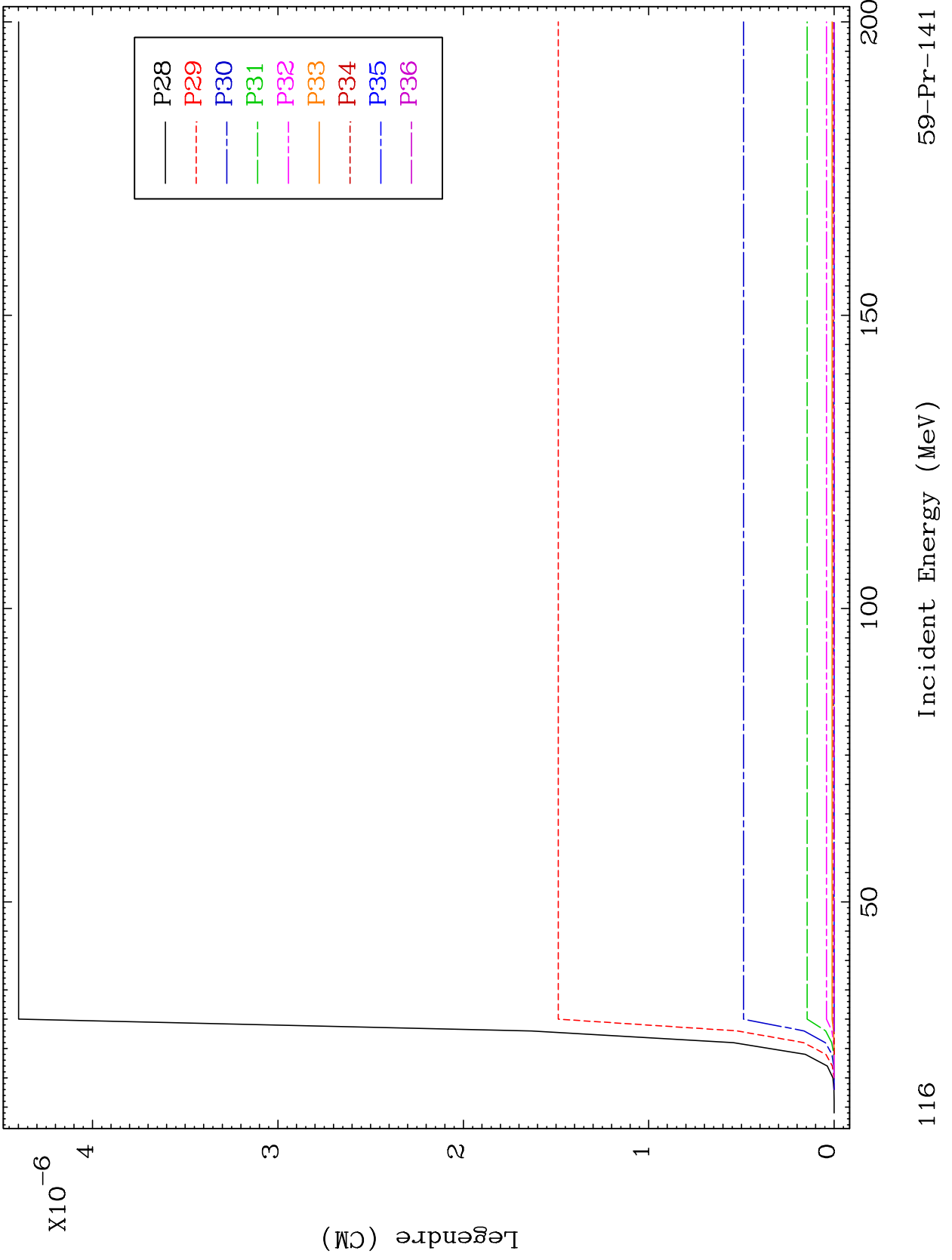
59-Pr-141



MAT 5925

MT= 75 (n,n') Level
Legendre Coefficients

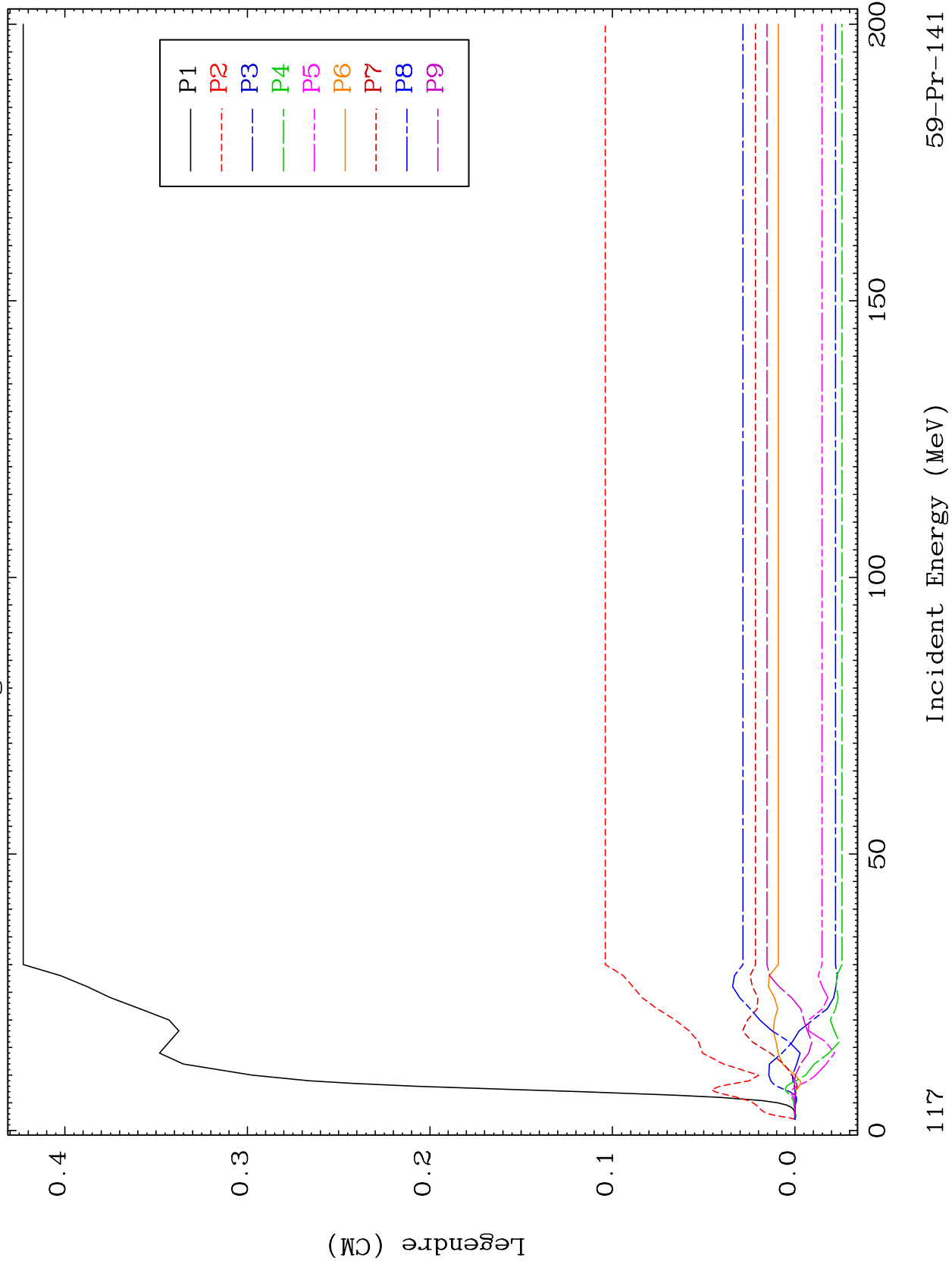
59-Pr-141



MAT 5925

MT= 76 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

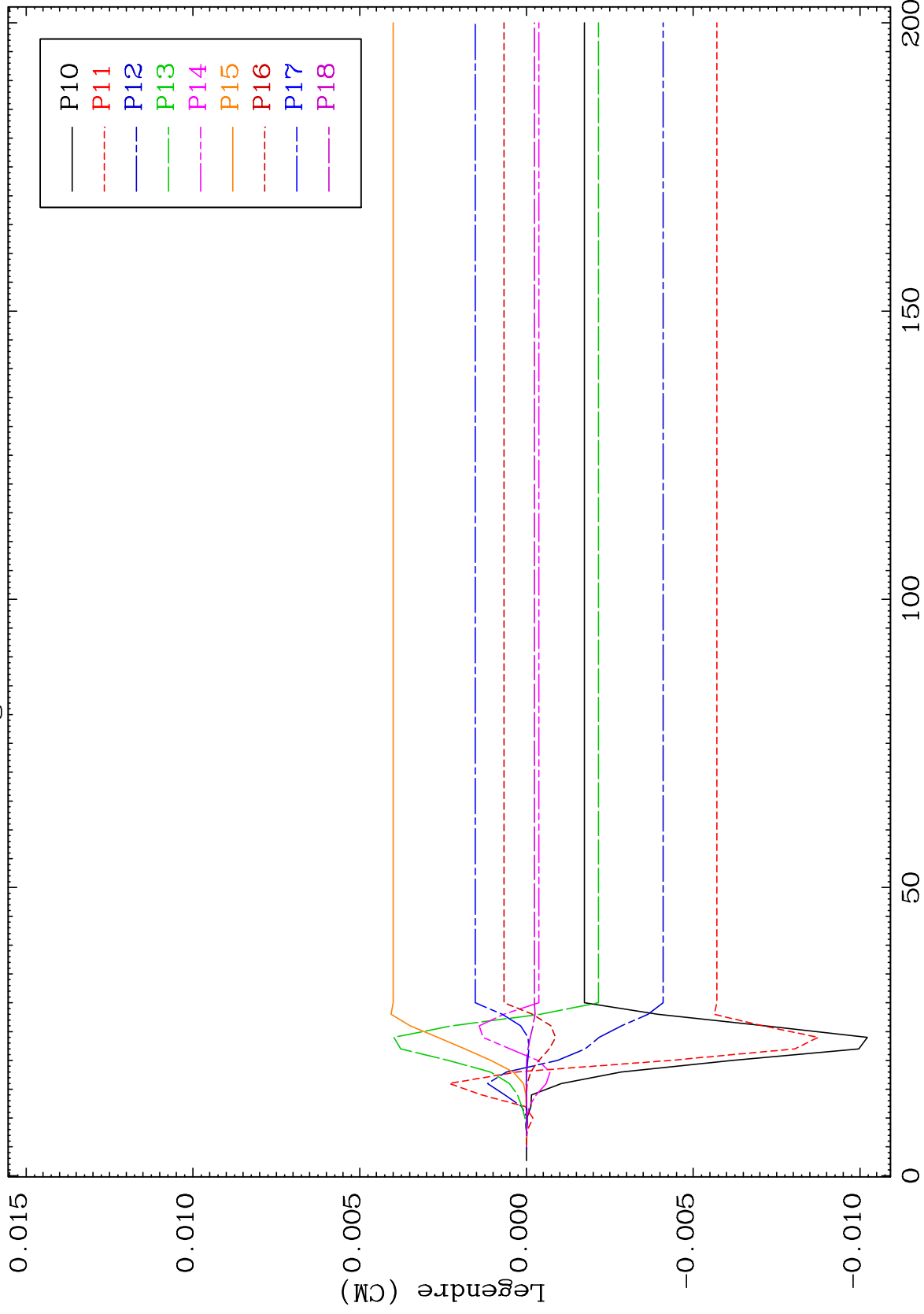
Incident Energy (MeV)

117

MAT 5925

MT= 76 (n,n') Level
Legendre Coefficients

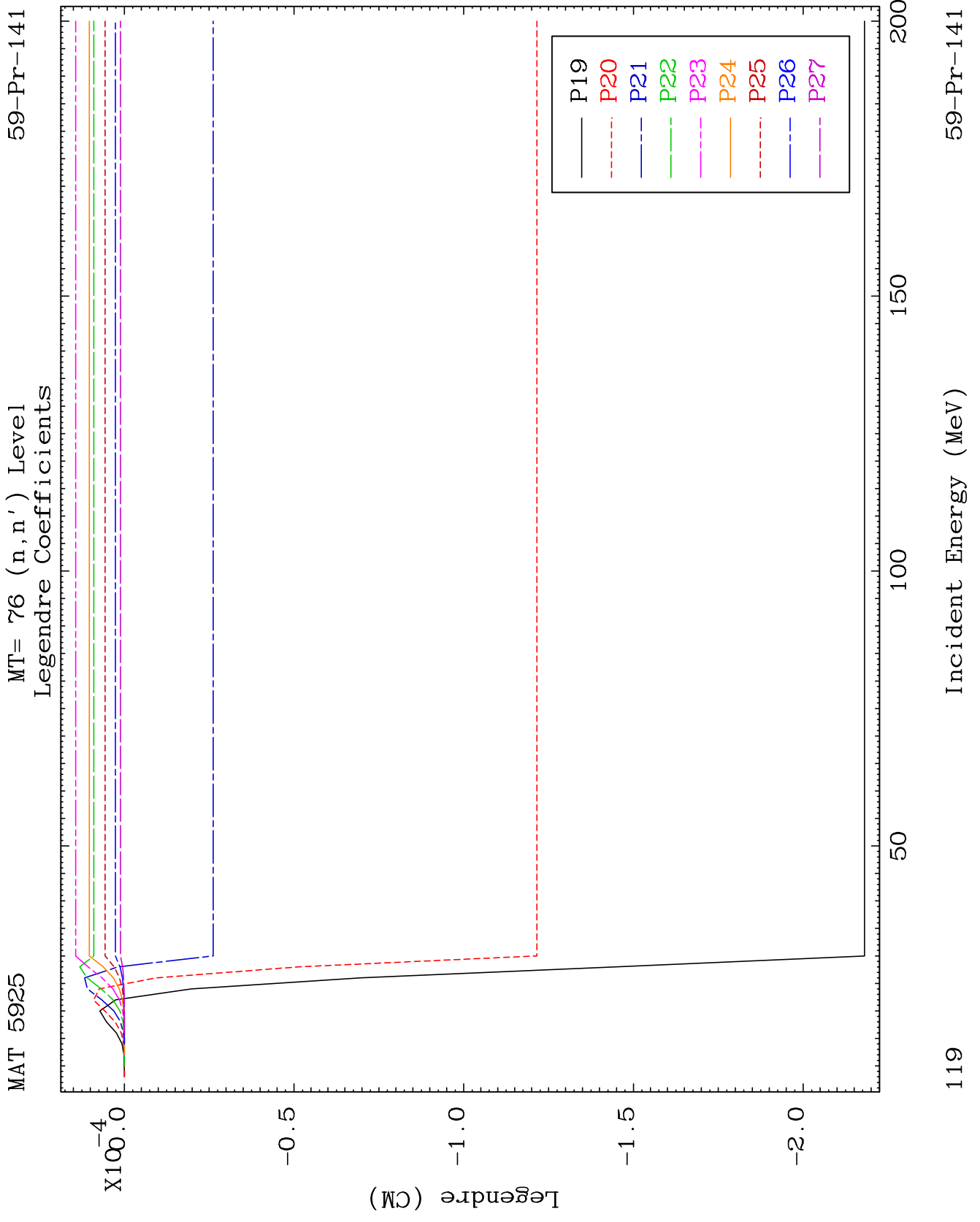
59-Pr-141



118

Incident Energy (MeV)

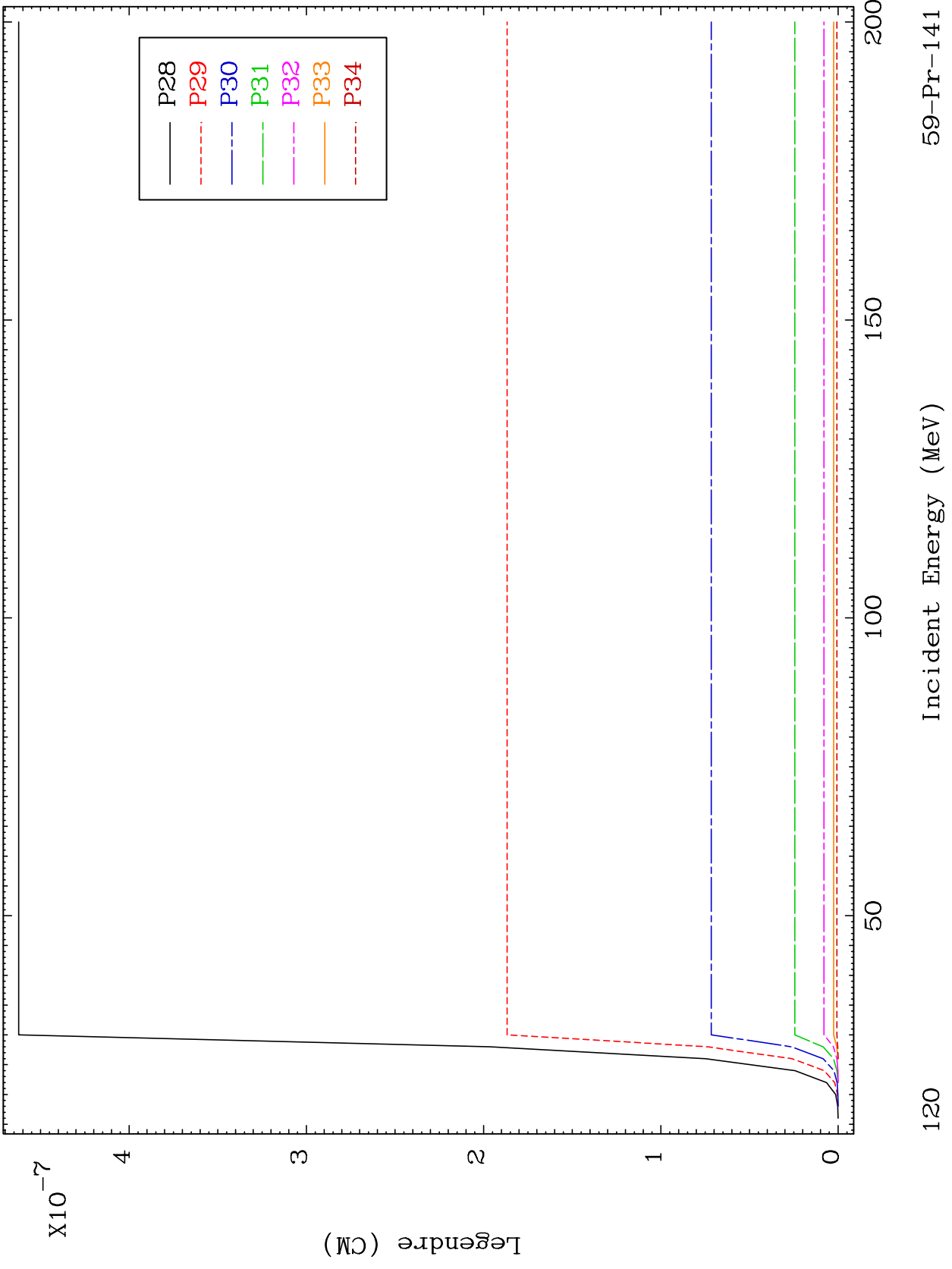
59-Pr-141



MAT 5925

MT= 76 (n,n') Level
Legendre Coefficients

59-Pr-141

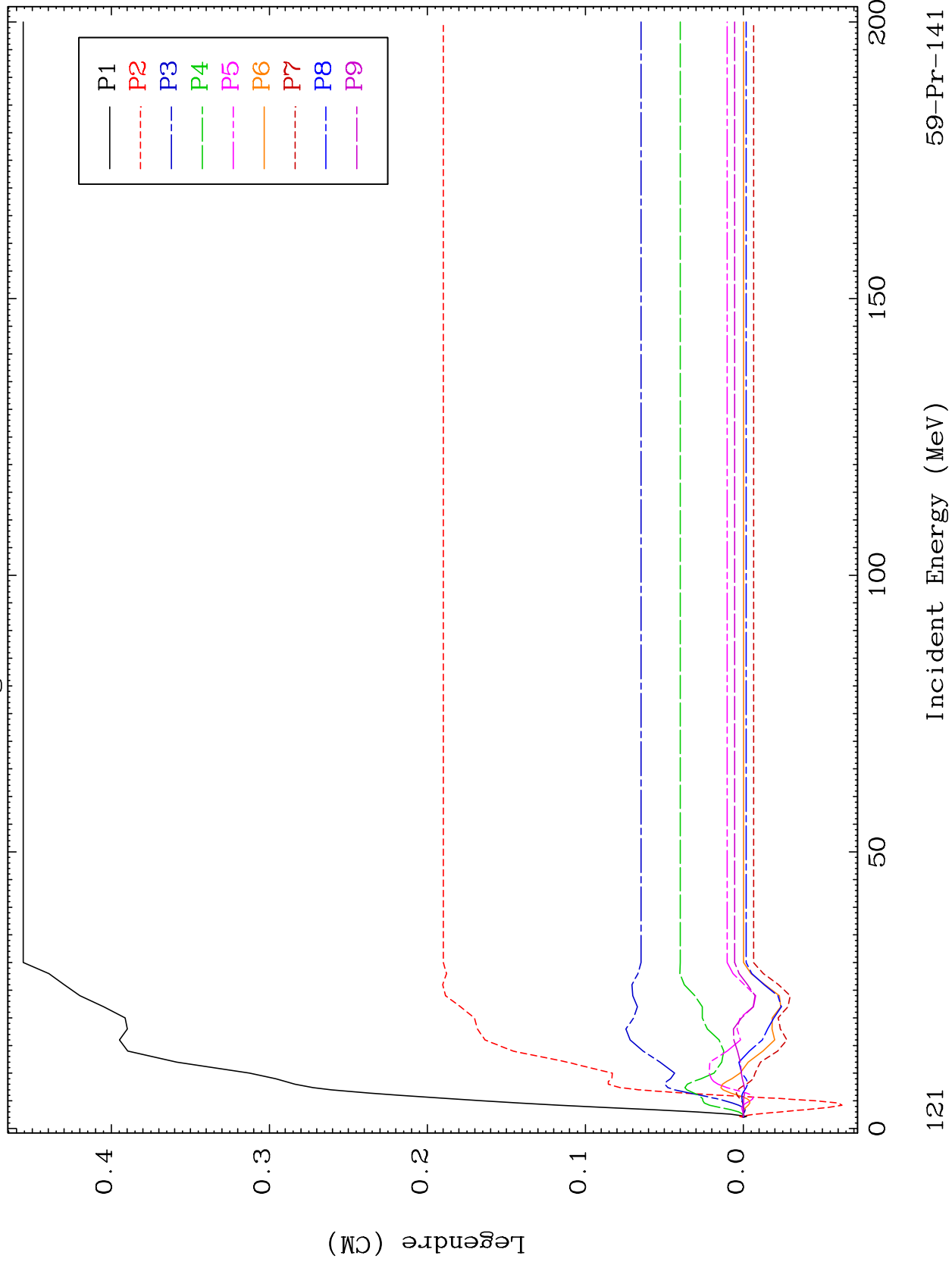


59-Pr-141

MAT 5925

MT= 77 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

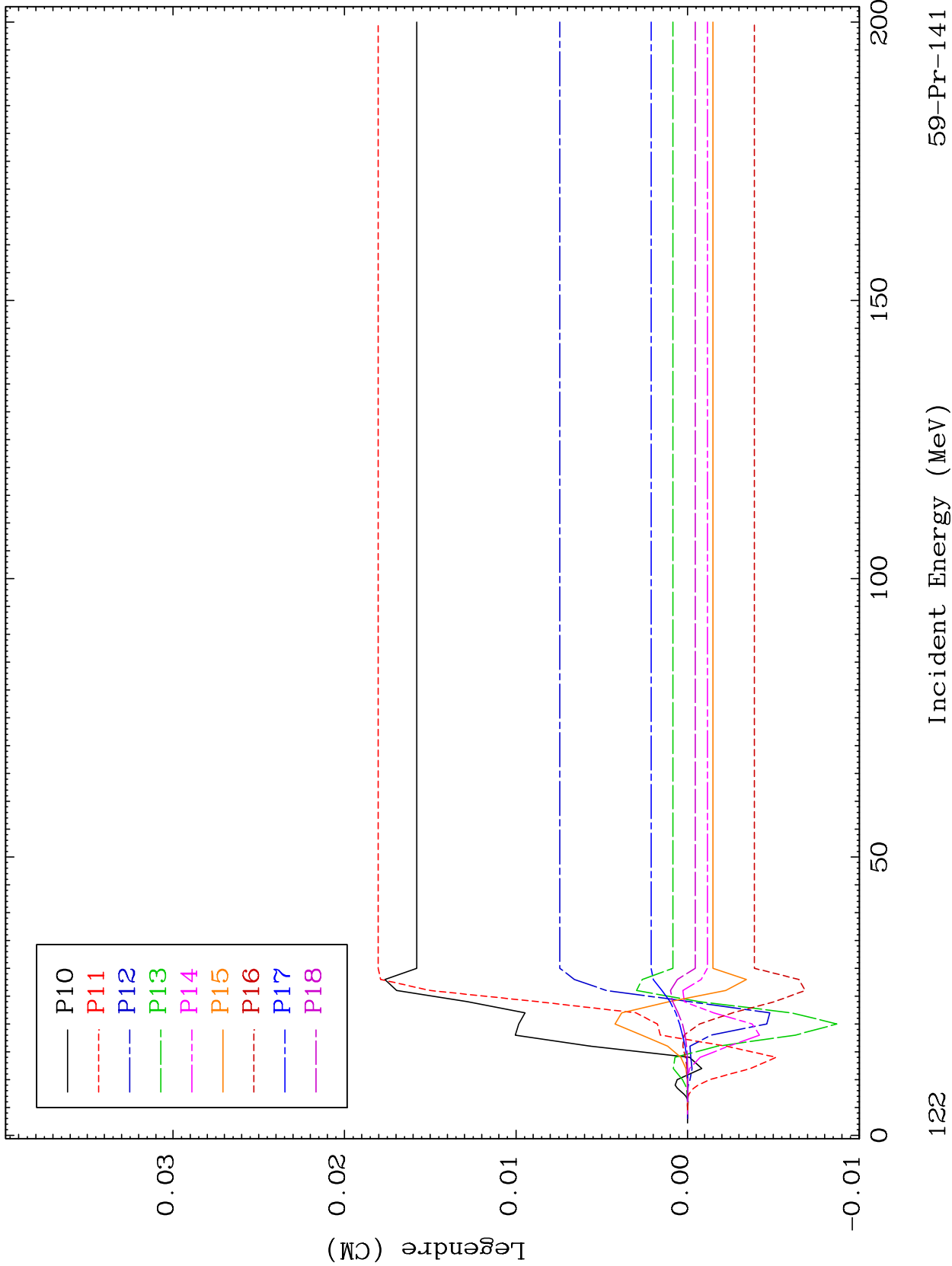
Incident Energy (MeV)

121

MAT 5925

MT= 77 (n,n') Level
Legendre Coefficients

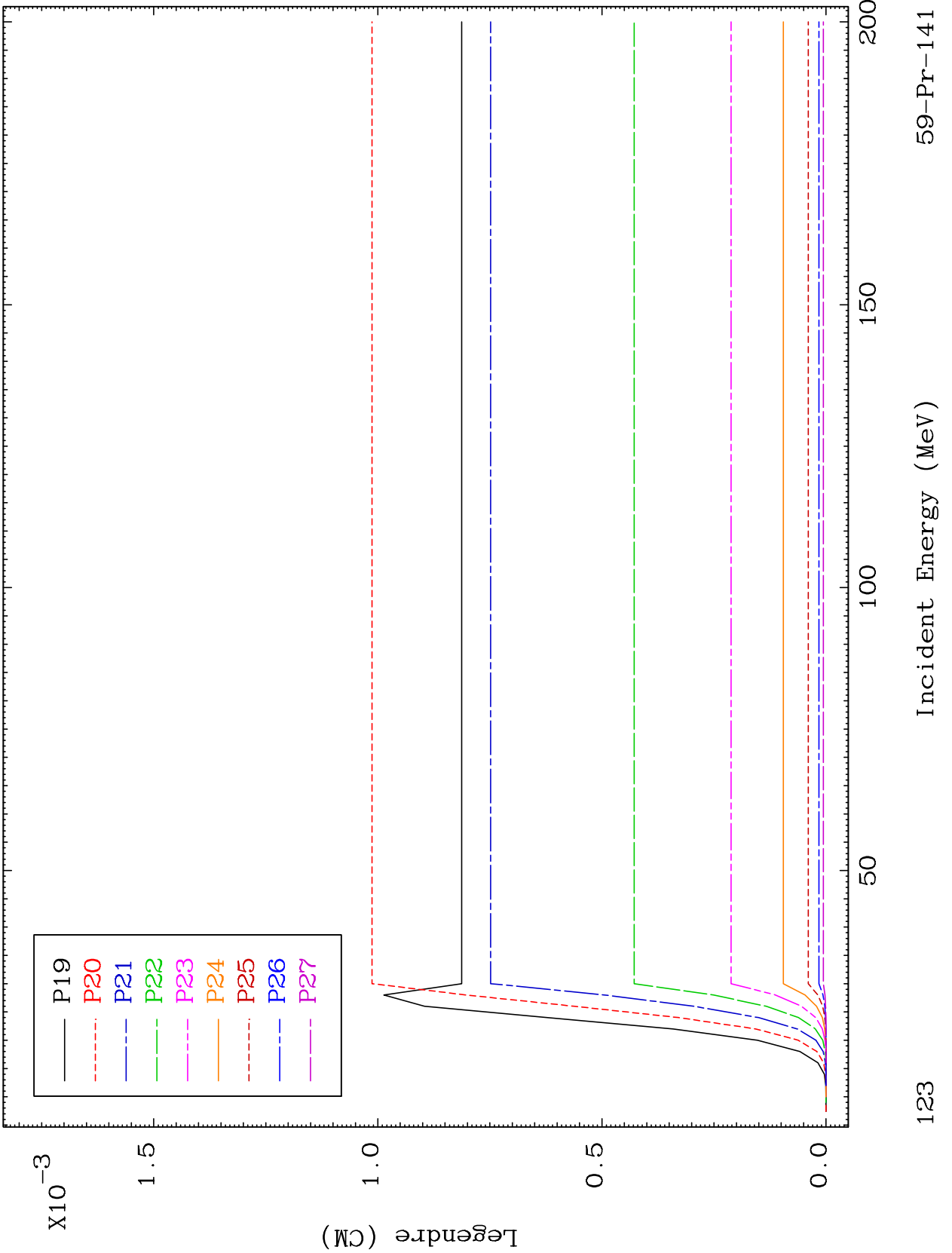
59-Pr-141



59-Pr-141

Incident Energy (MeV)

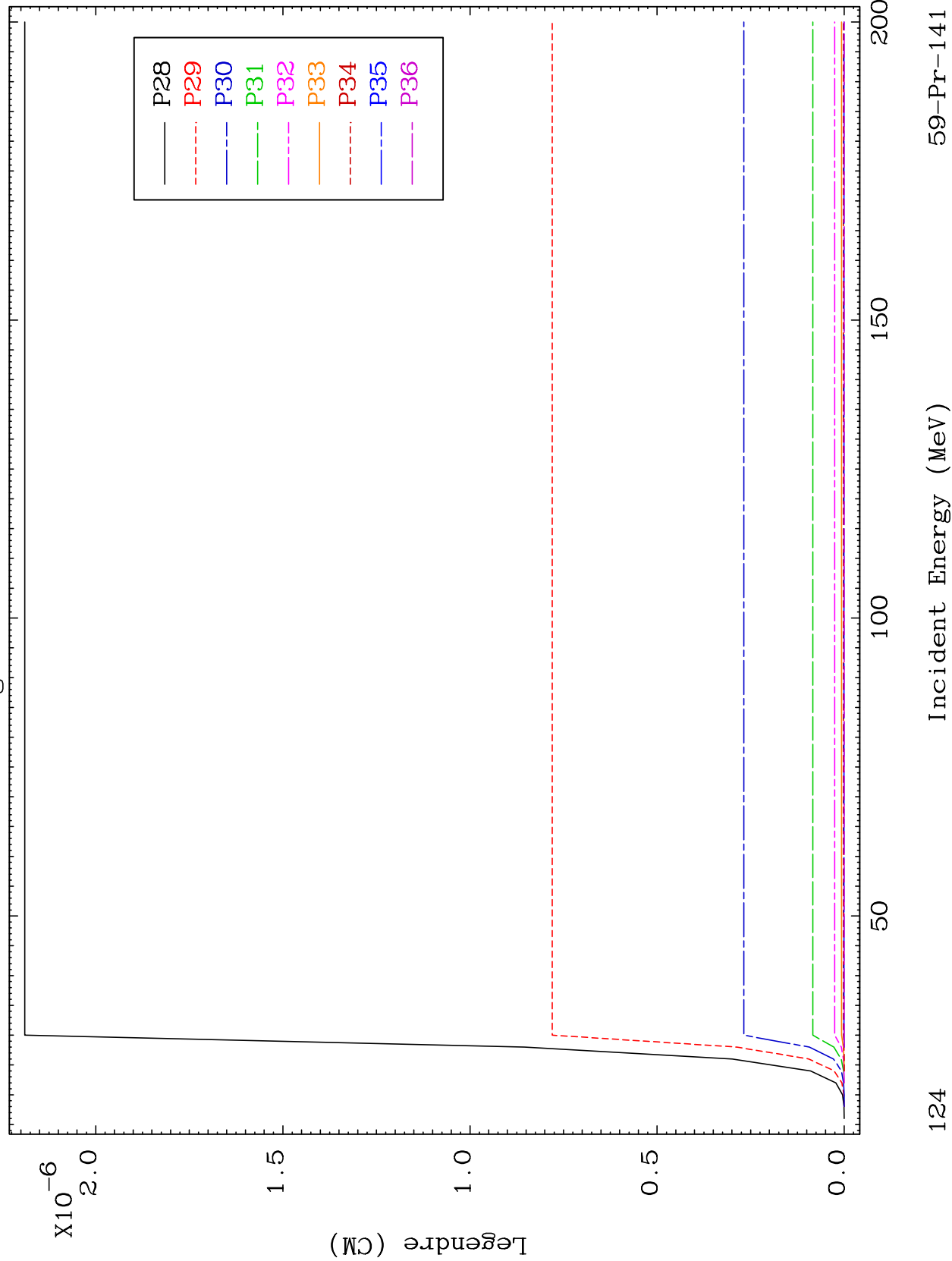
122



MAT 5925

MT= 77 (n,n') Level
Legendre Coefficients

59-Pr-141



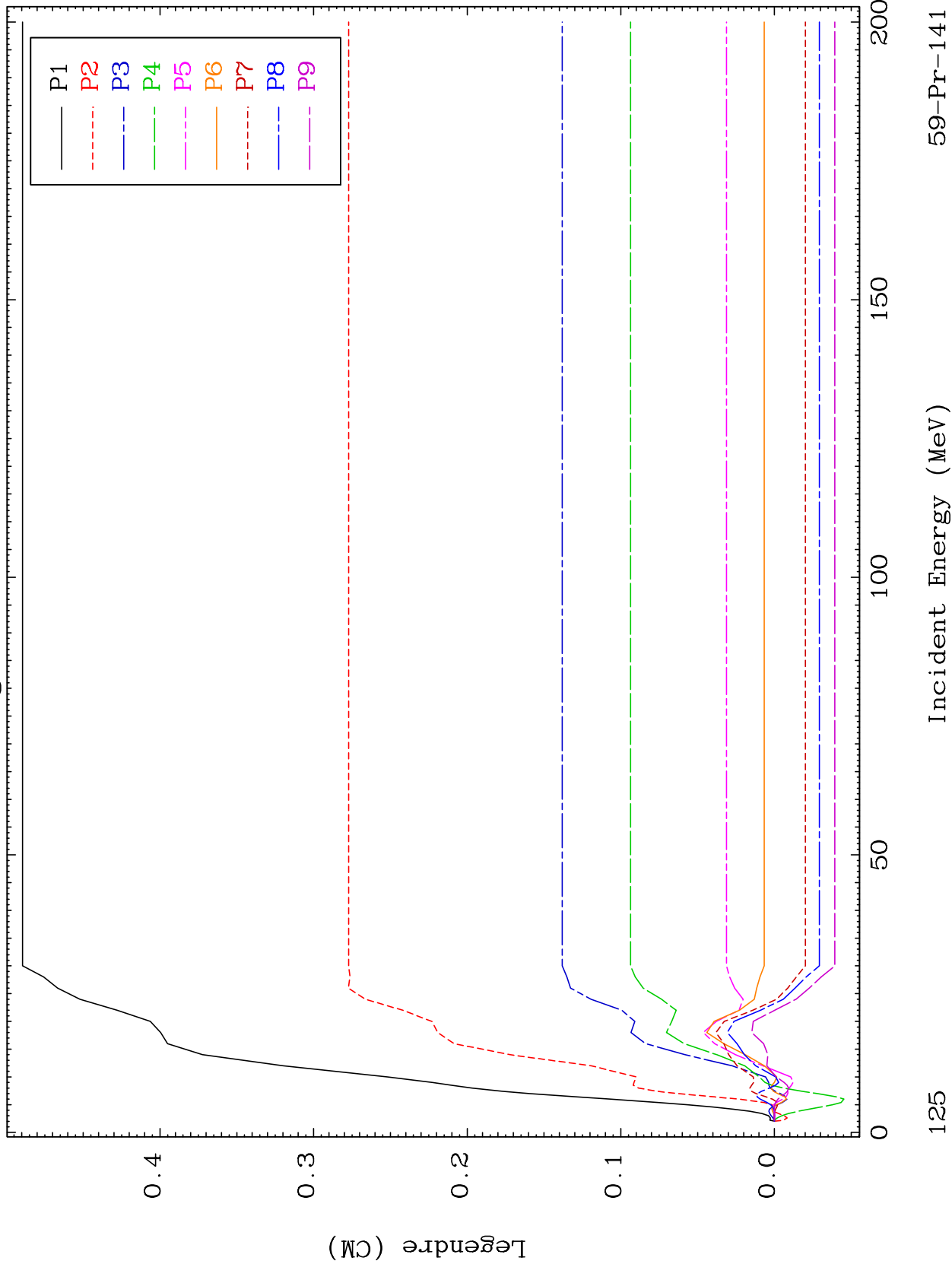
124

59-Pr-141

MAT 5925

MT= 78 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

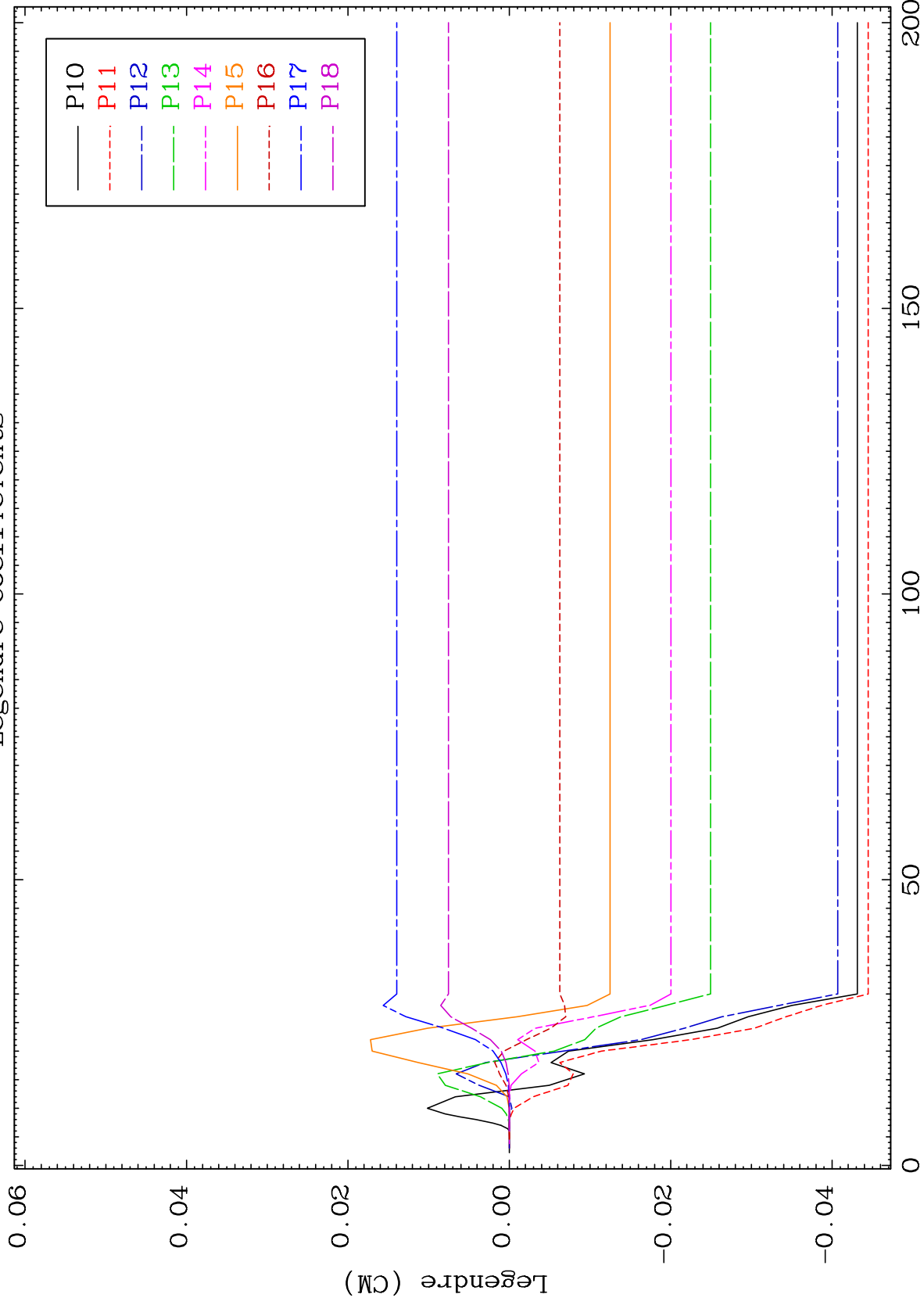
Incident Energy (MeV)

125

MAT 5925

MT= 78 (n,n') Level
Legendre Coefficients

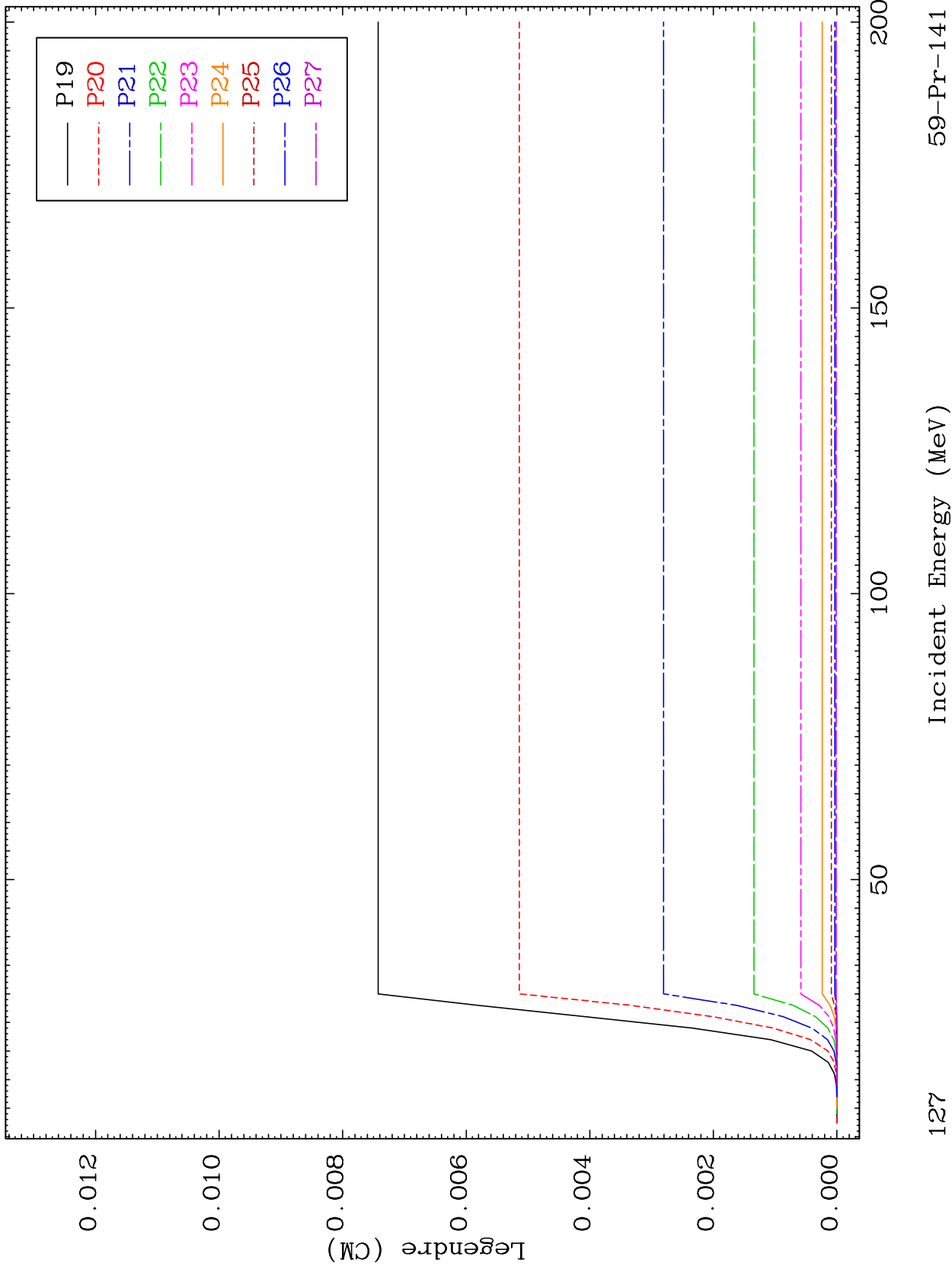
59-Pr-141



126

Incident Energy (MeV)

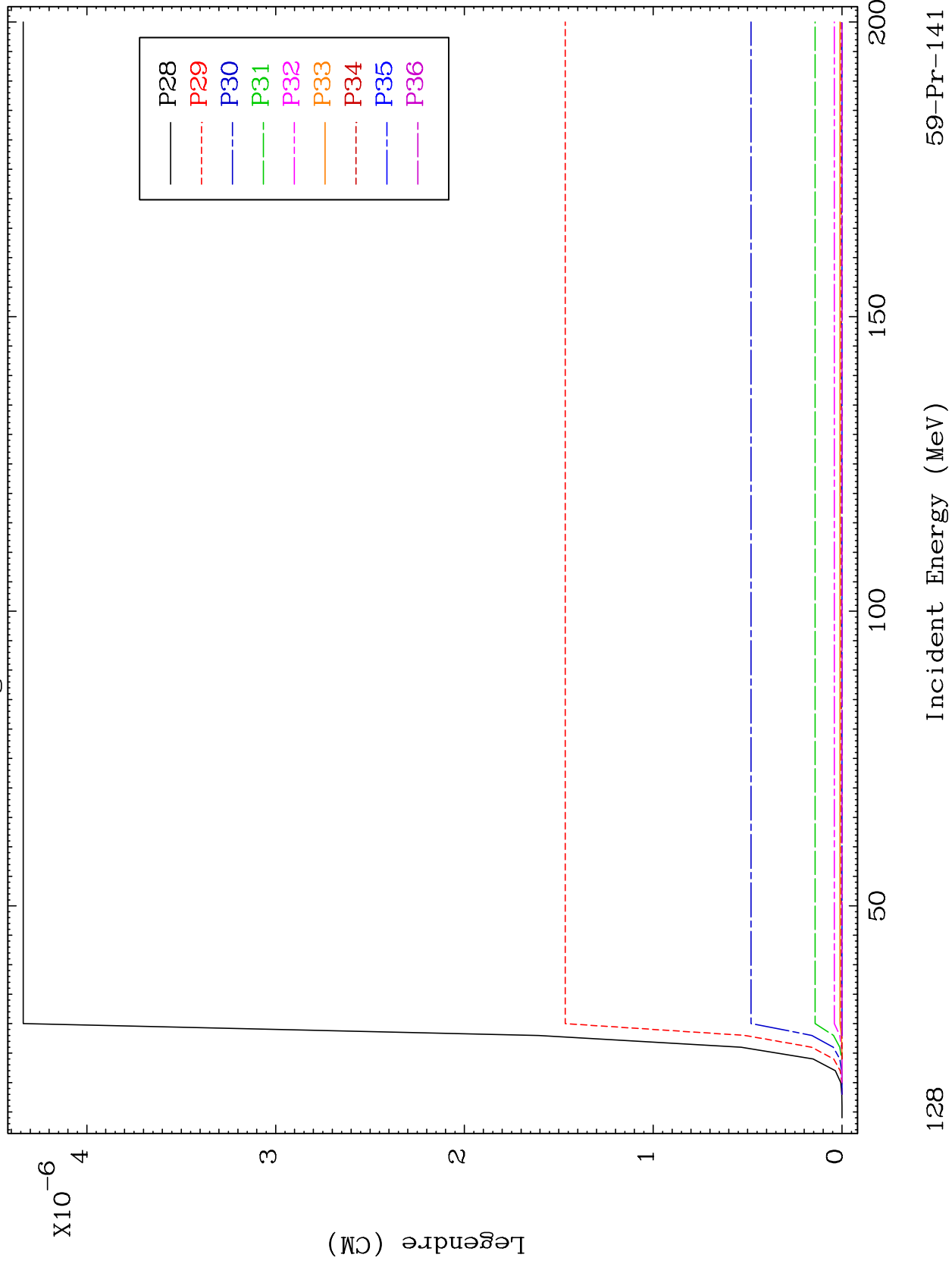
59-Pr-141



MAT 5925

MT= 78 (n,n') Level
Legendre Coefficients

59-Pr-141



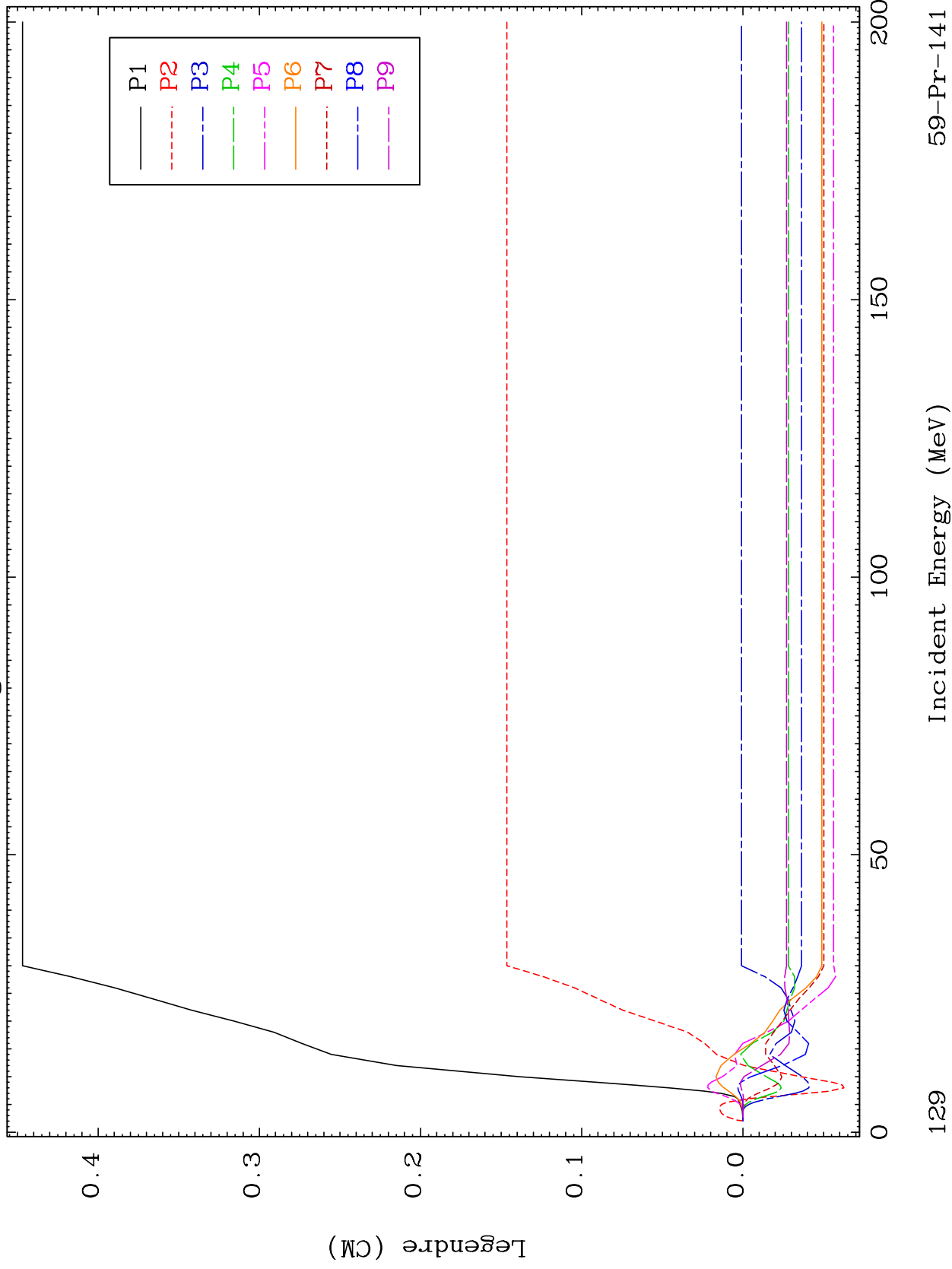
128

59-Pr-141

MAT 5925

MT= 79 (n,n') Level
Legendre Coefficients

59-Pr-141



59-Pr-141

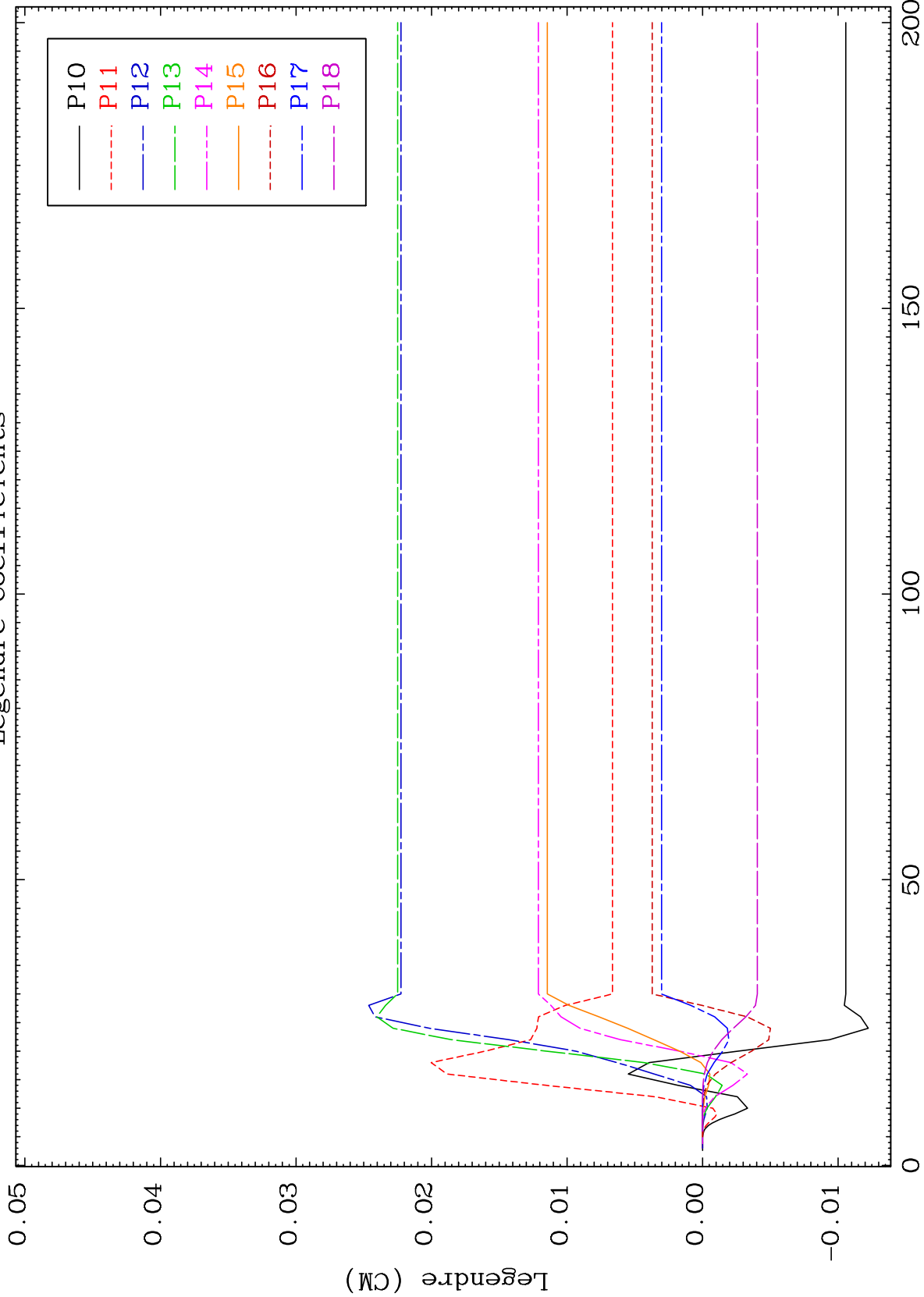
Incident Energy (MeV)

129

MAT 5925

MT= 79 (n,n') Level
Legendre Coefficients

59-Pr-141



130

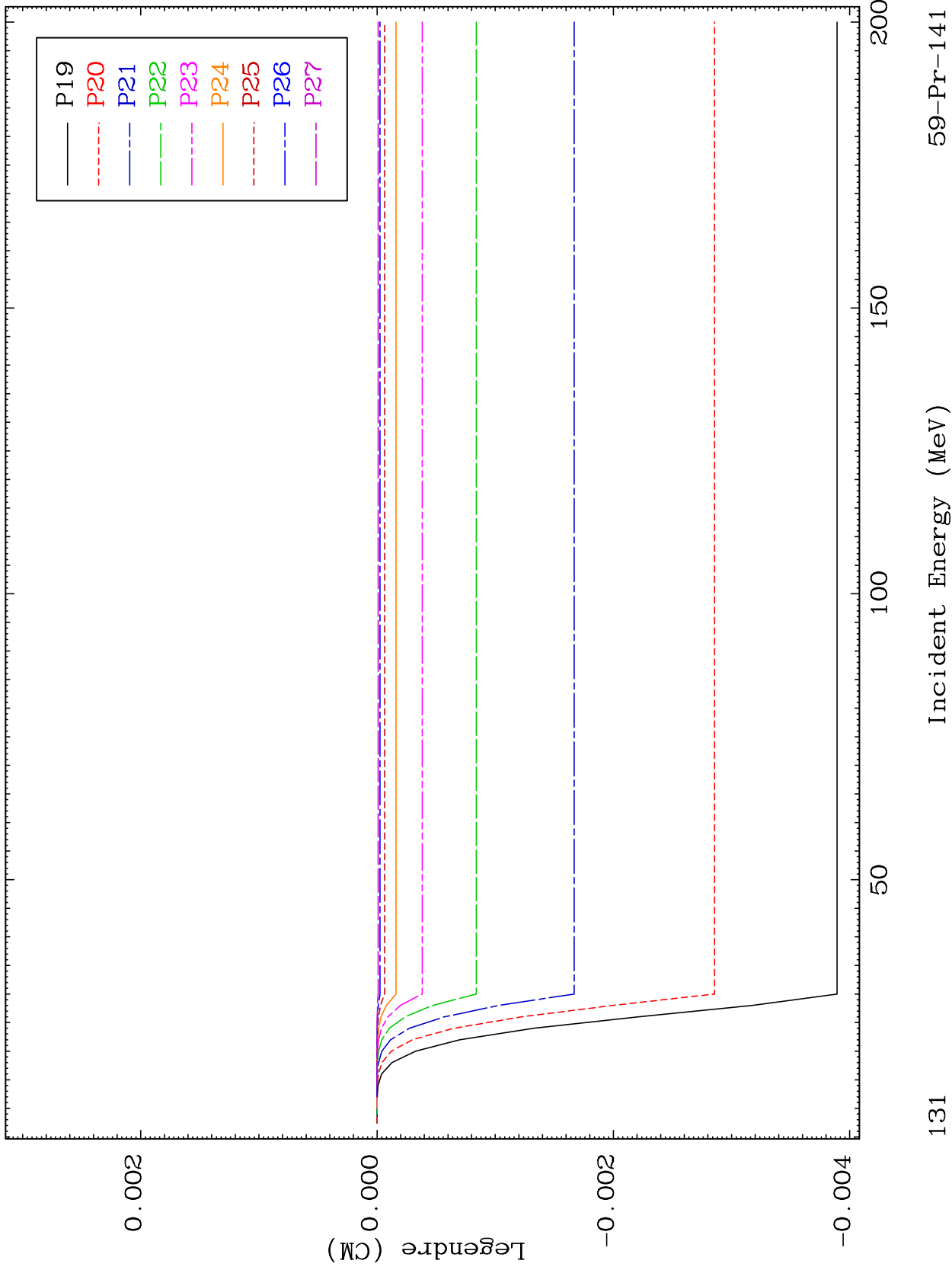
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 79 (n,n') Level
Legendre Coefficients

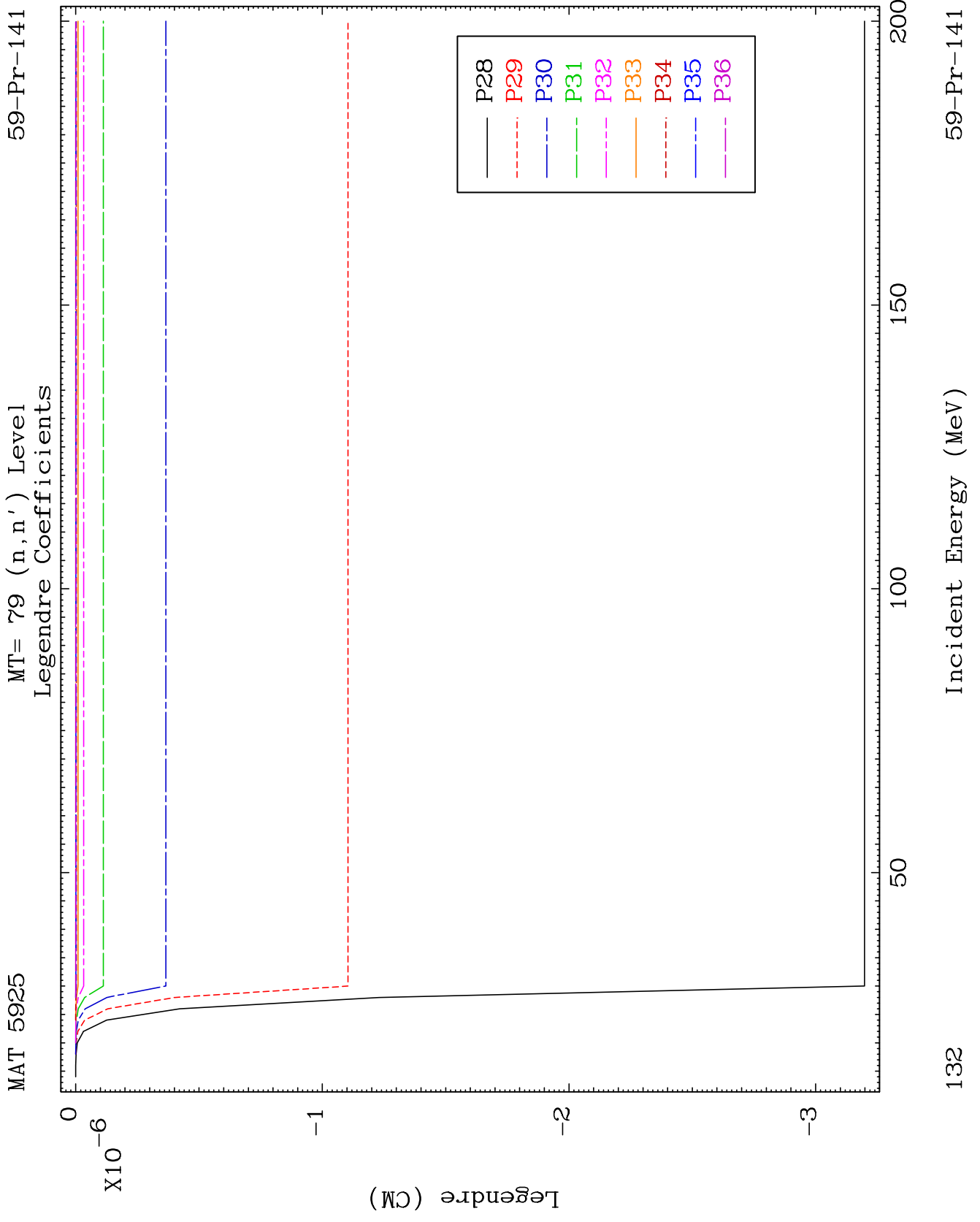
59-Pr-141



131

Incident Energy (MeV)

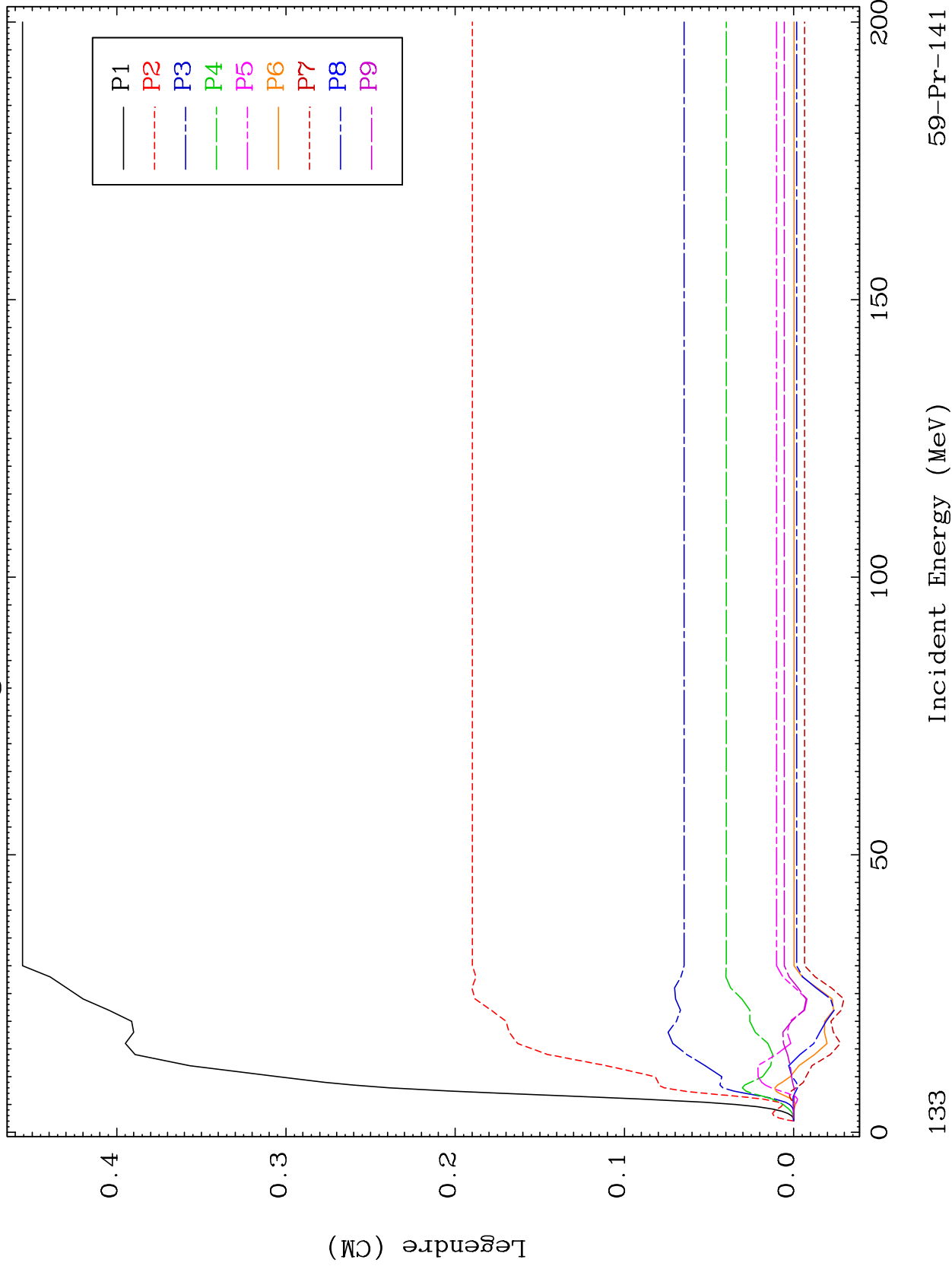
59-Pr-141



MAT 5925

MT= 80 (n,n') Level
Legendre Coefficients

59-Pr-141



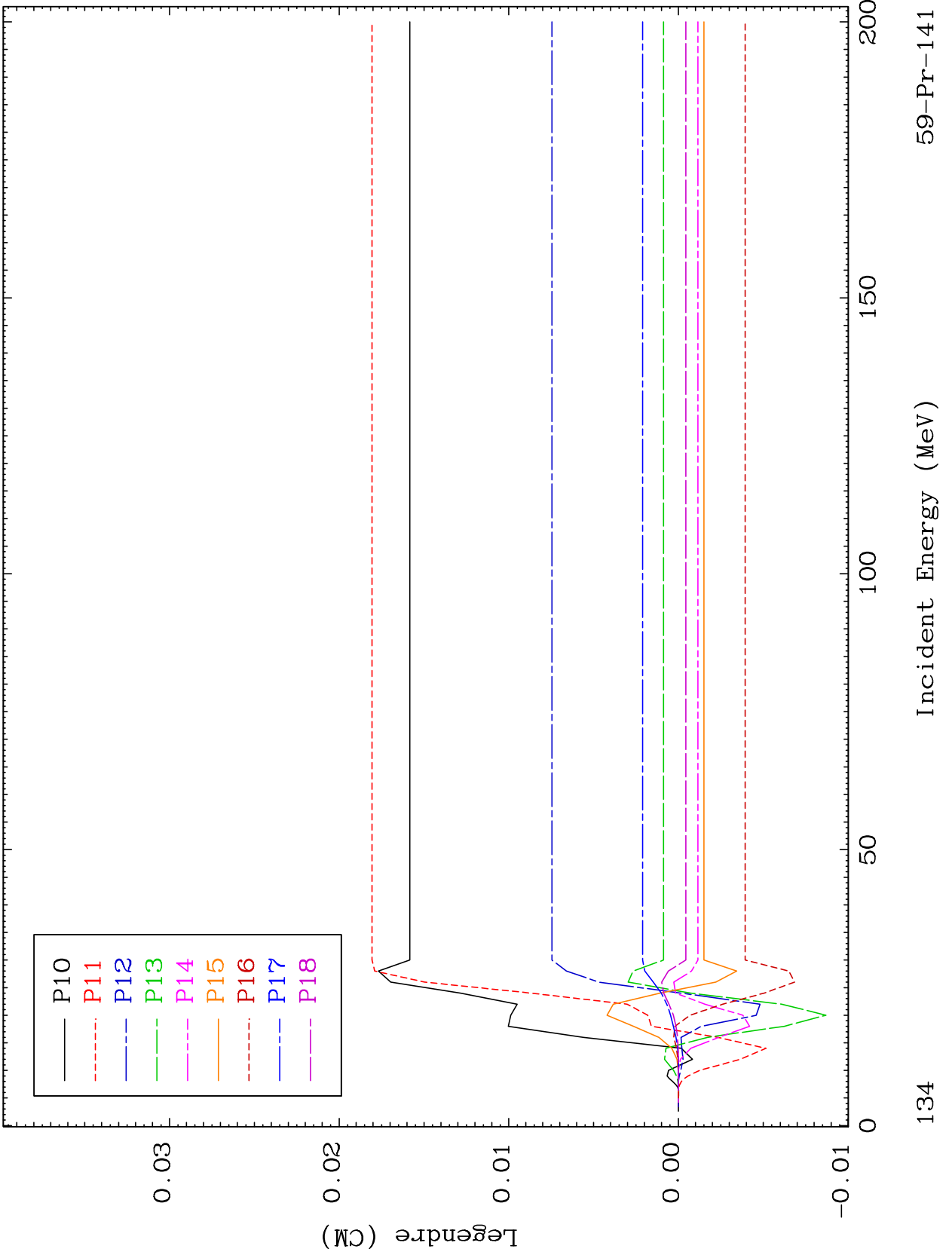
133

59-Pr-141

MAT 5925

MT= 80 (n,n') Level
Legendre Coefficients

59-Pr-141



134

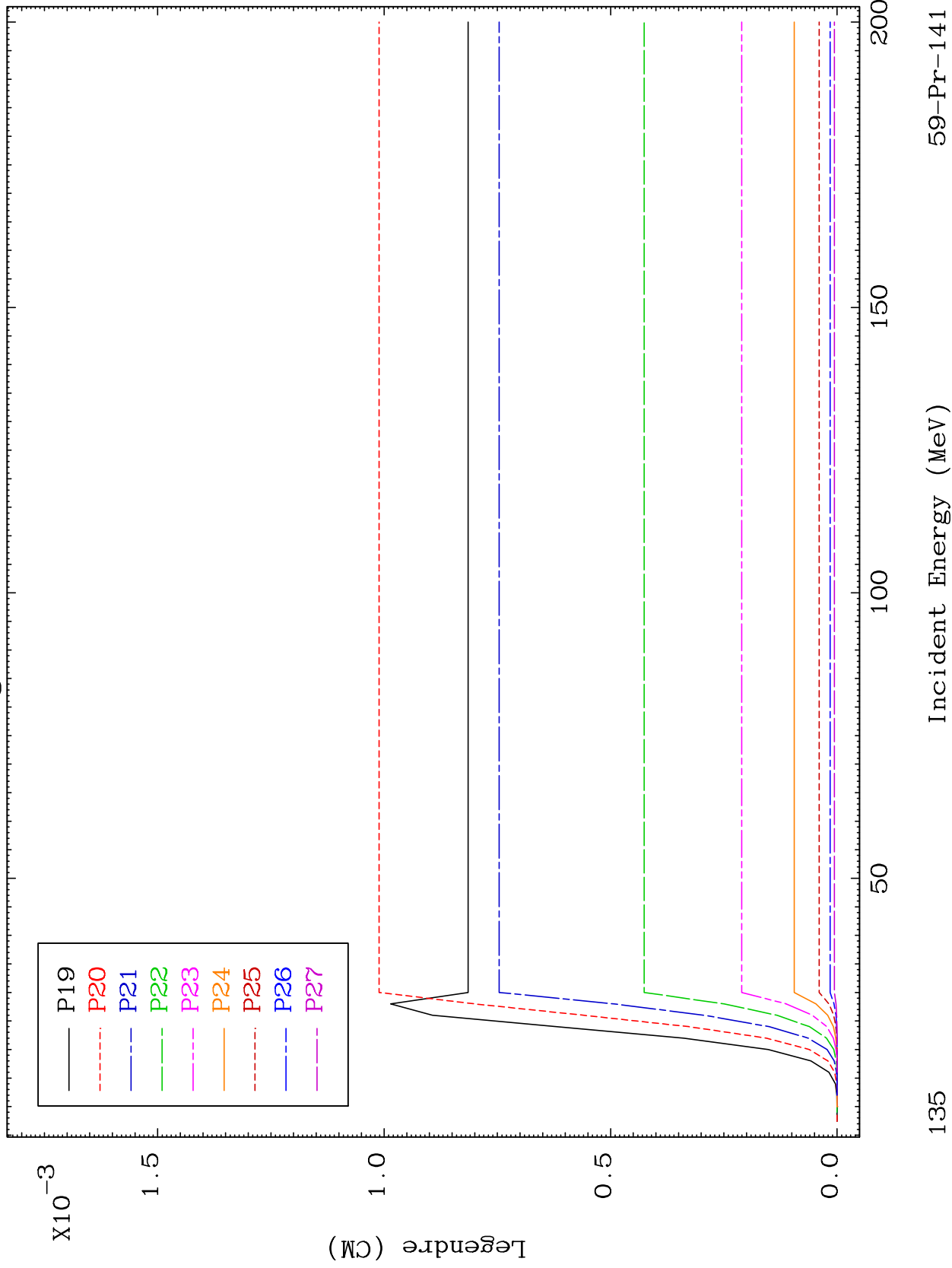
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 80 (n,n') Level
Legendre Coefficients

59-Pr-141



135

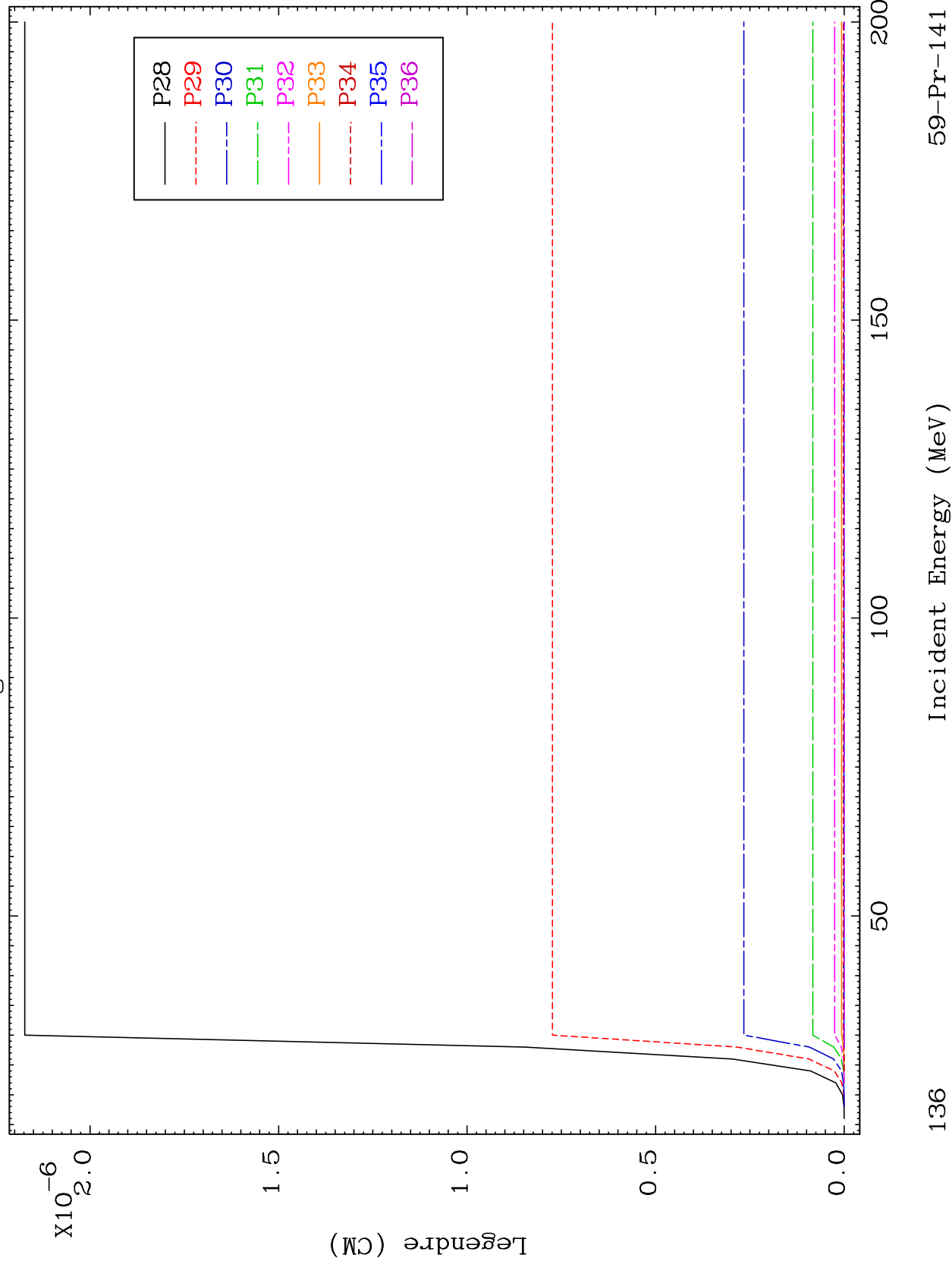
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 80 (n,n') Level
Legendre Coefficients

59-Pr-141

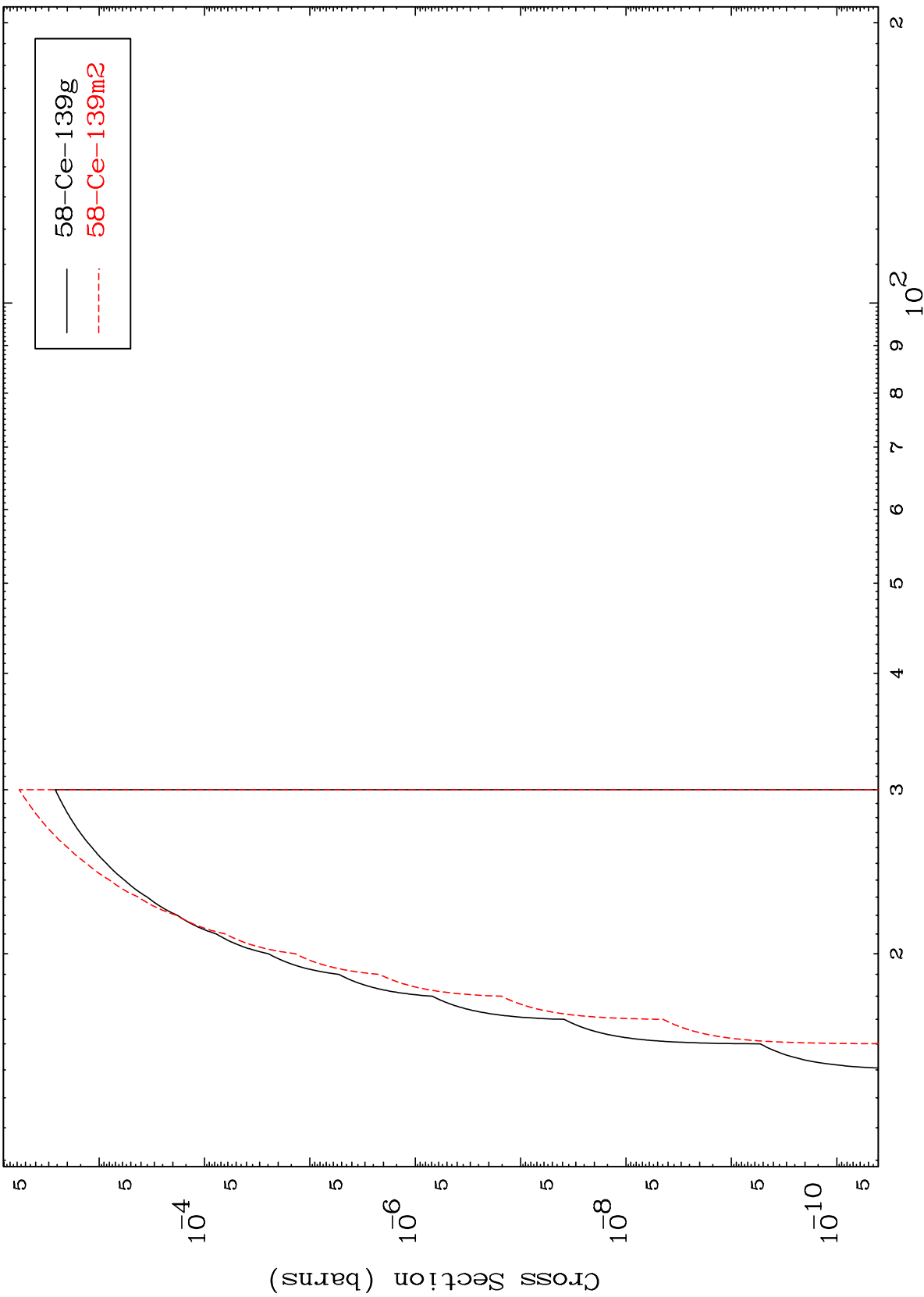


136

Incident Energy (MeV)

59-Pr-141

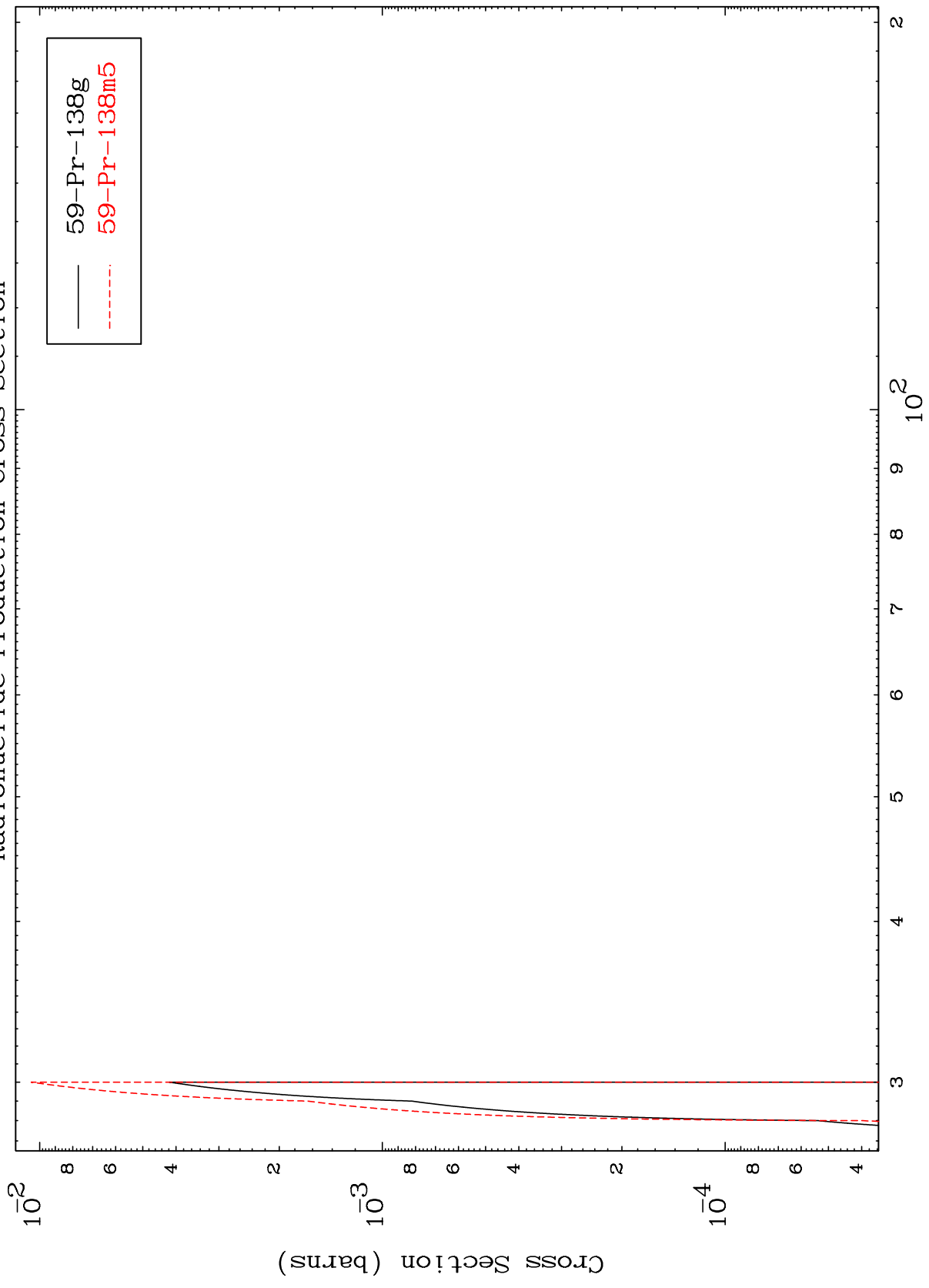
Radionuclide Production Cross Section



MAT 5925

59-Pr-141

(n,4n)
Radionuclide Production Cross Section

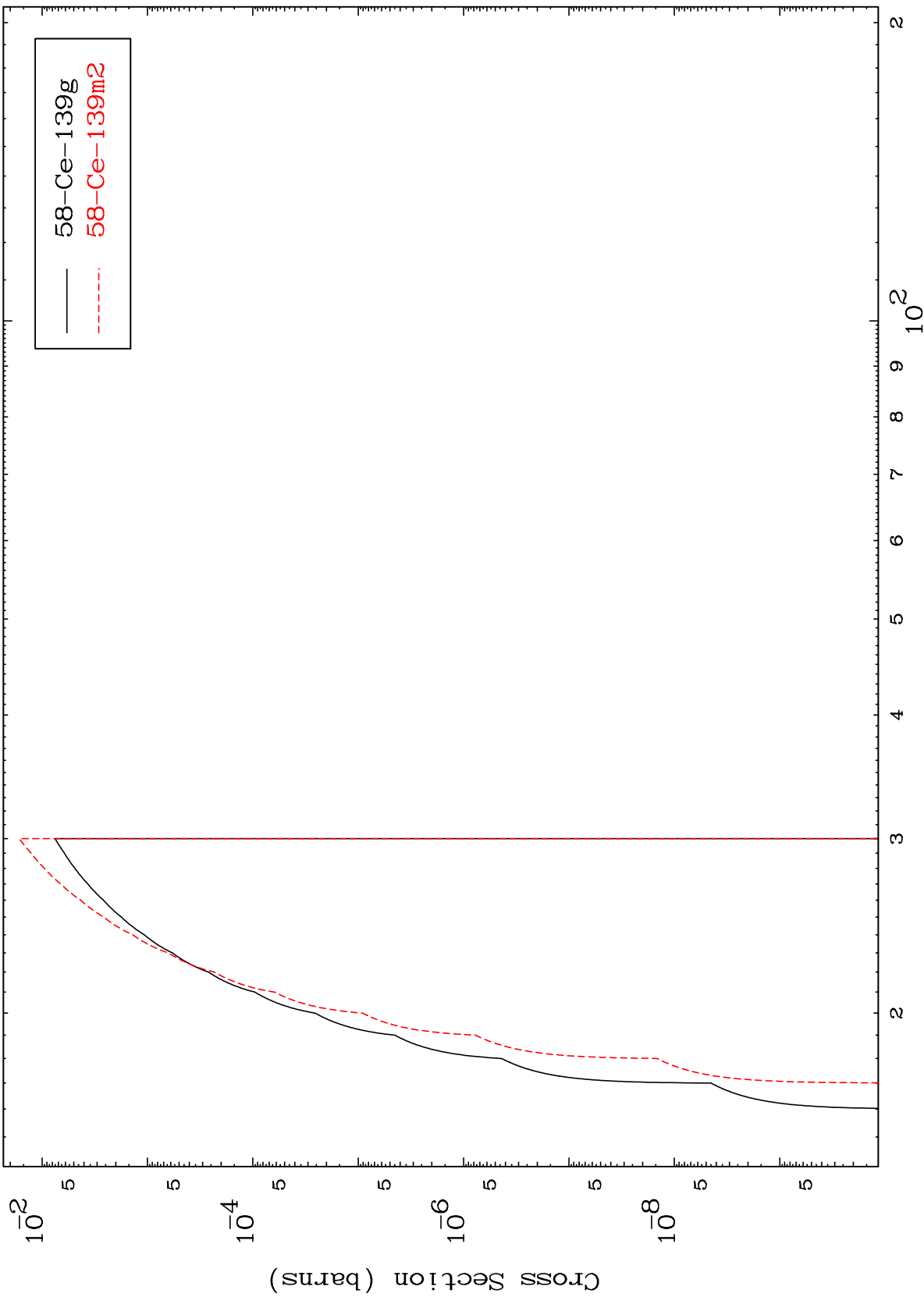


138

59-Pr-141

Incident Energy (MeV)

Radionuclide Production Cross Section

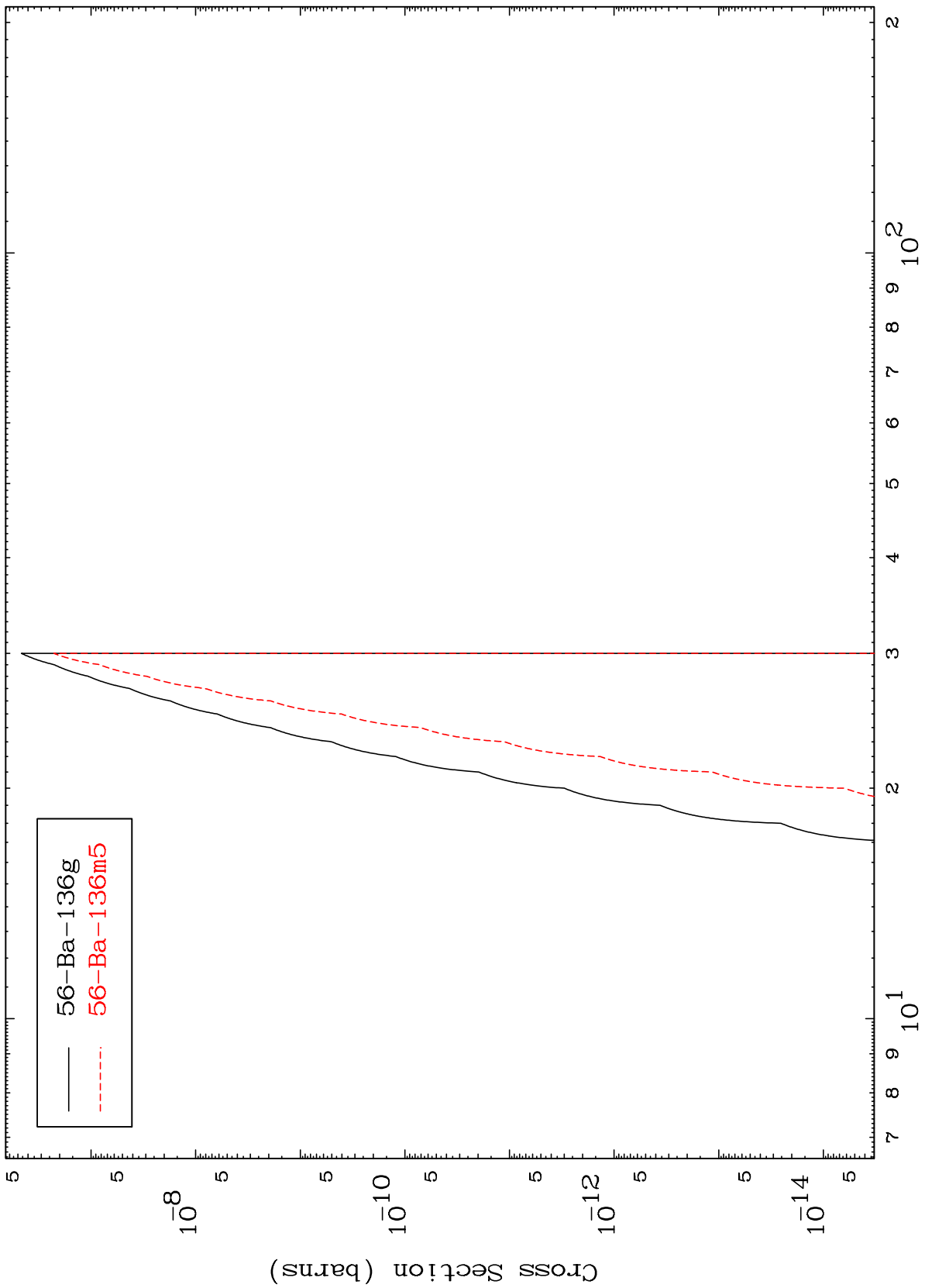


MAT 5925

(n,n') p α

59-Pr-141

Radionuclide Production Cross Section



140

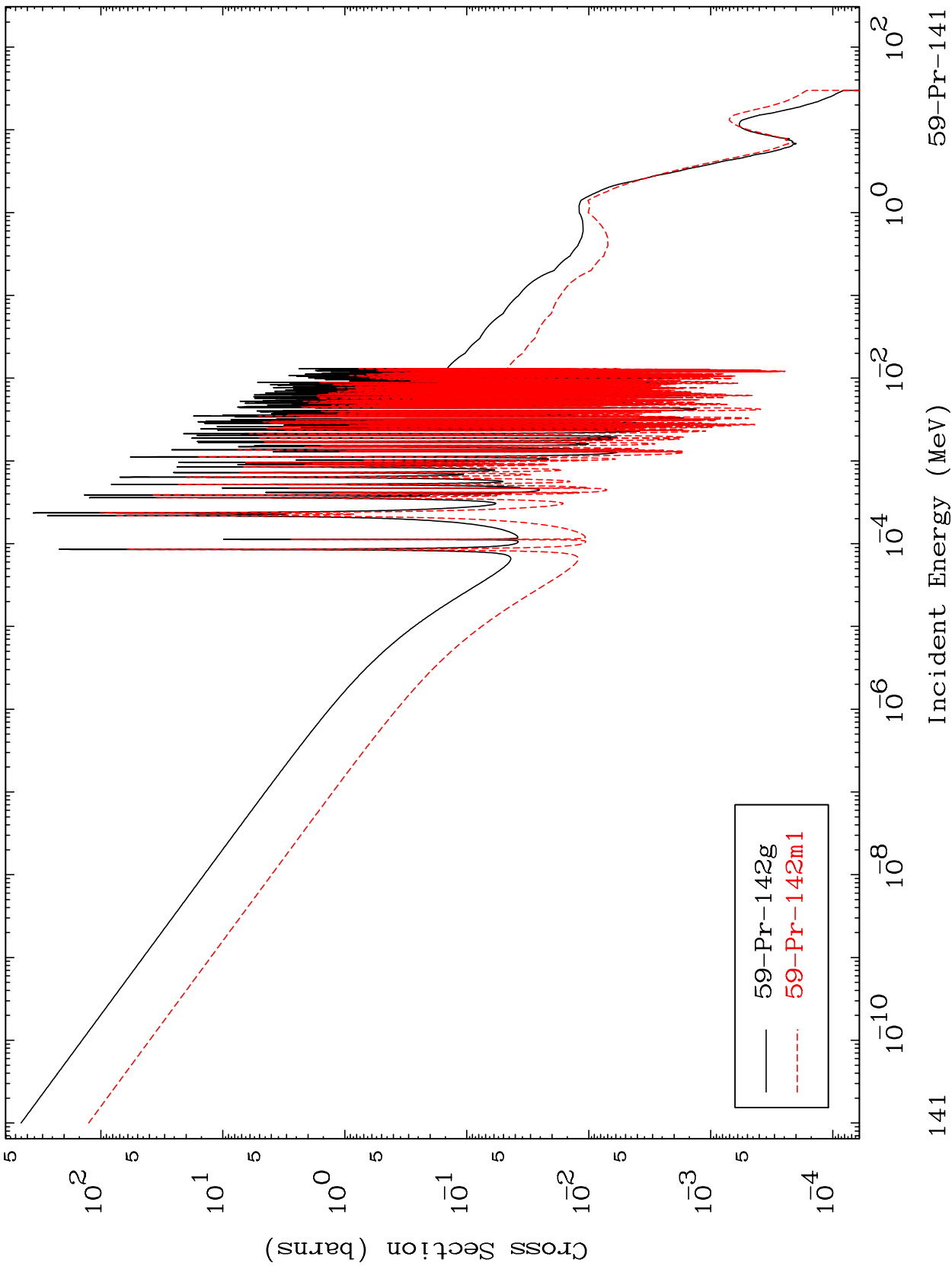
Incident Energy (MeV)

59-Pr-141

MAT 5925

59-Pr-141

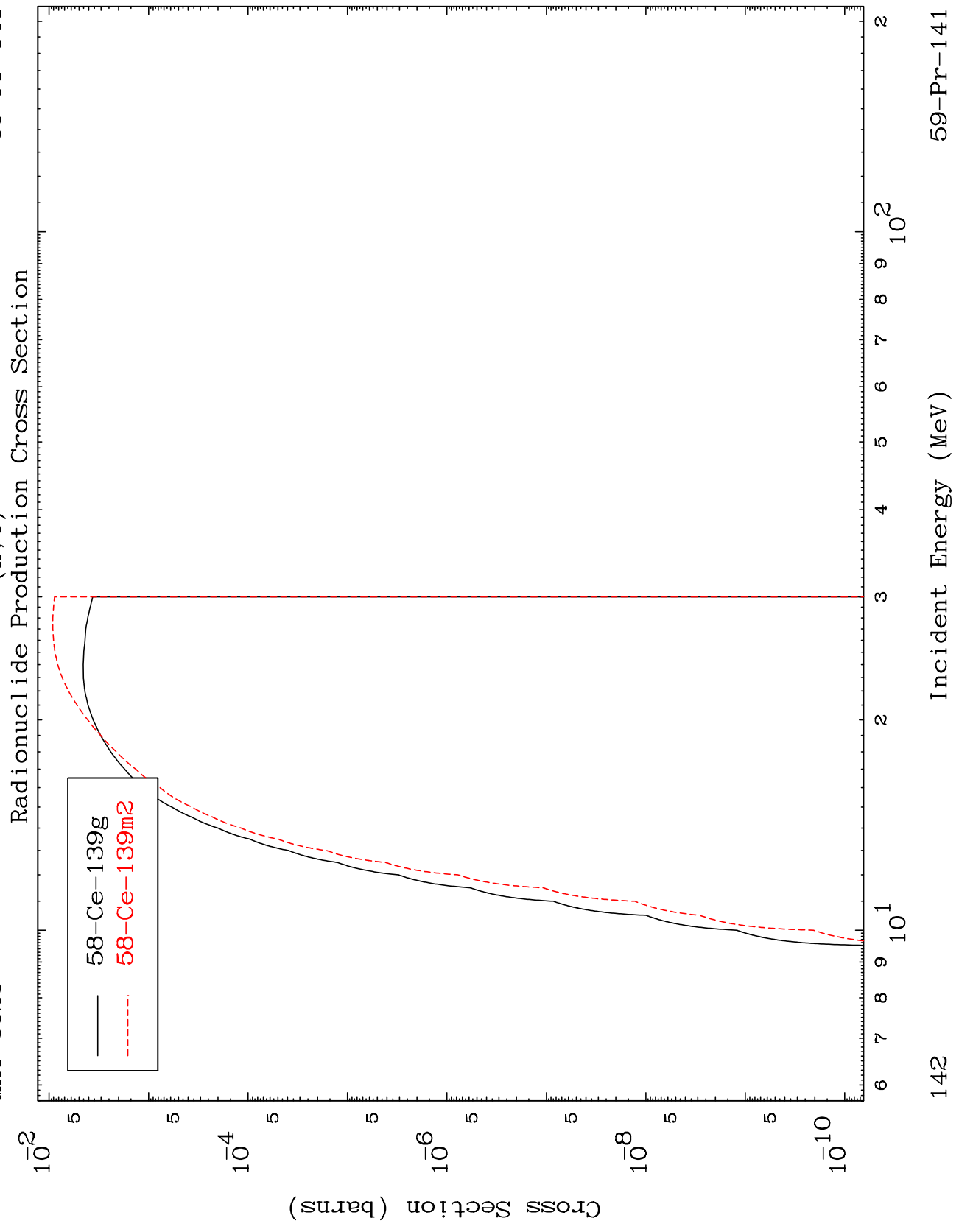
(n, γ)
Radionuclide Production Cross Section



59-Pr-141

Incident Energy (MeV)

141

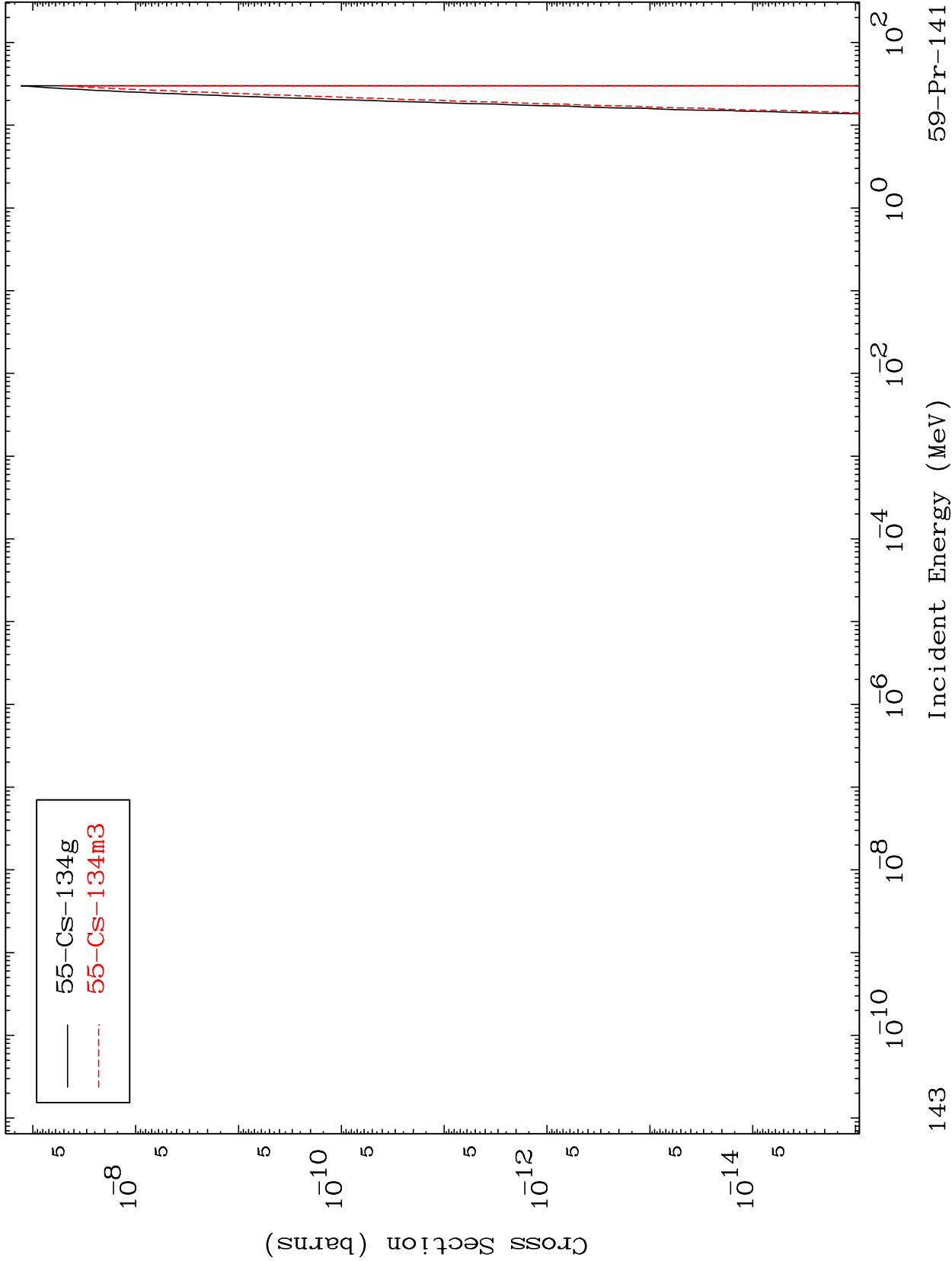


MAT 5925

(n,2α)

59-Pr-141

Radionuclide Production Cross Section



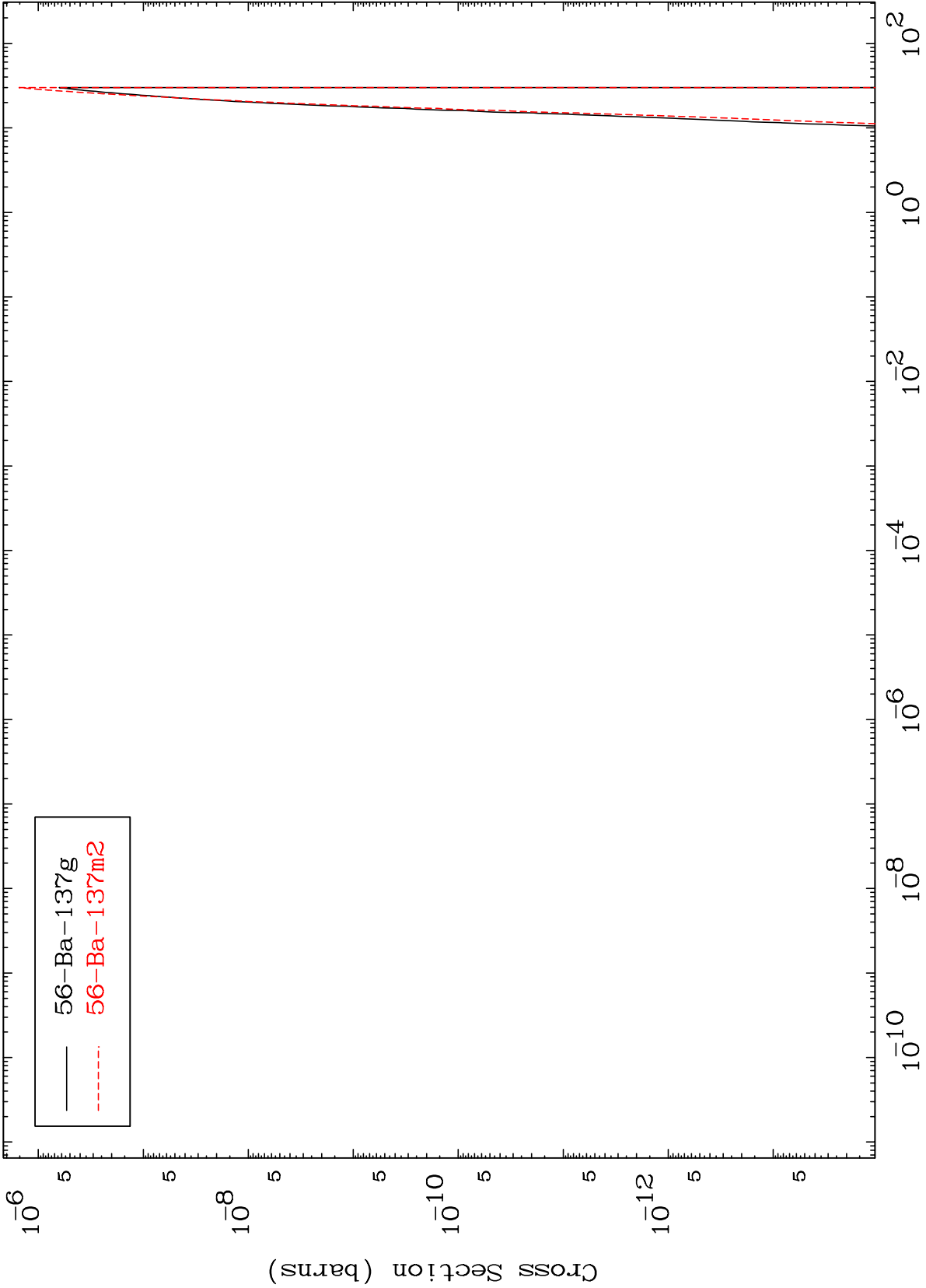
— 55-Cs-134g
- - - 55-Cs-134m3

MAT 5925

(n,p) α

59-Pr-141

Radionuclide Production Cross Section

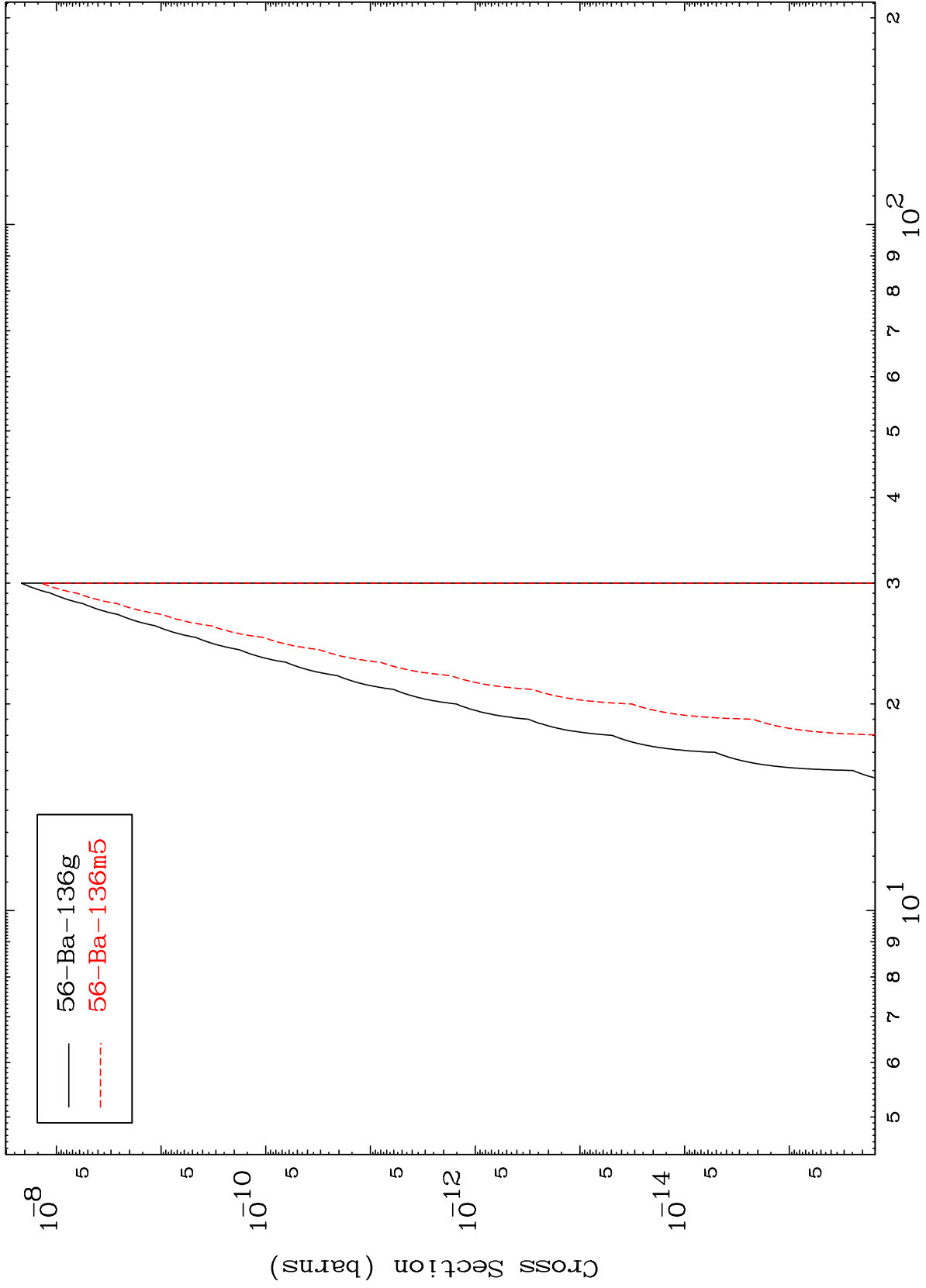


MAT 5925

(n,d) α

59-Pr-141

Radionuclide Production Cross Section



145

Incident Energy (MeV)

59-Pr-141