

Program EVALPLOT
(Version 2018-1)

by

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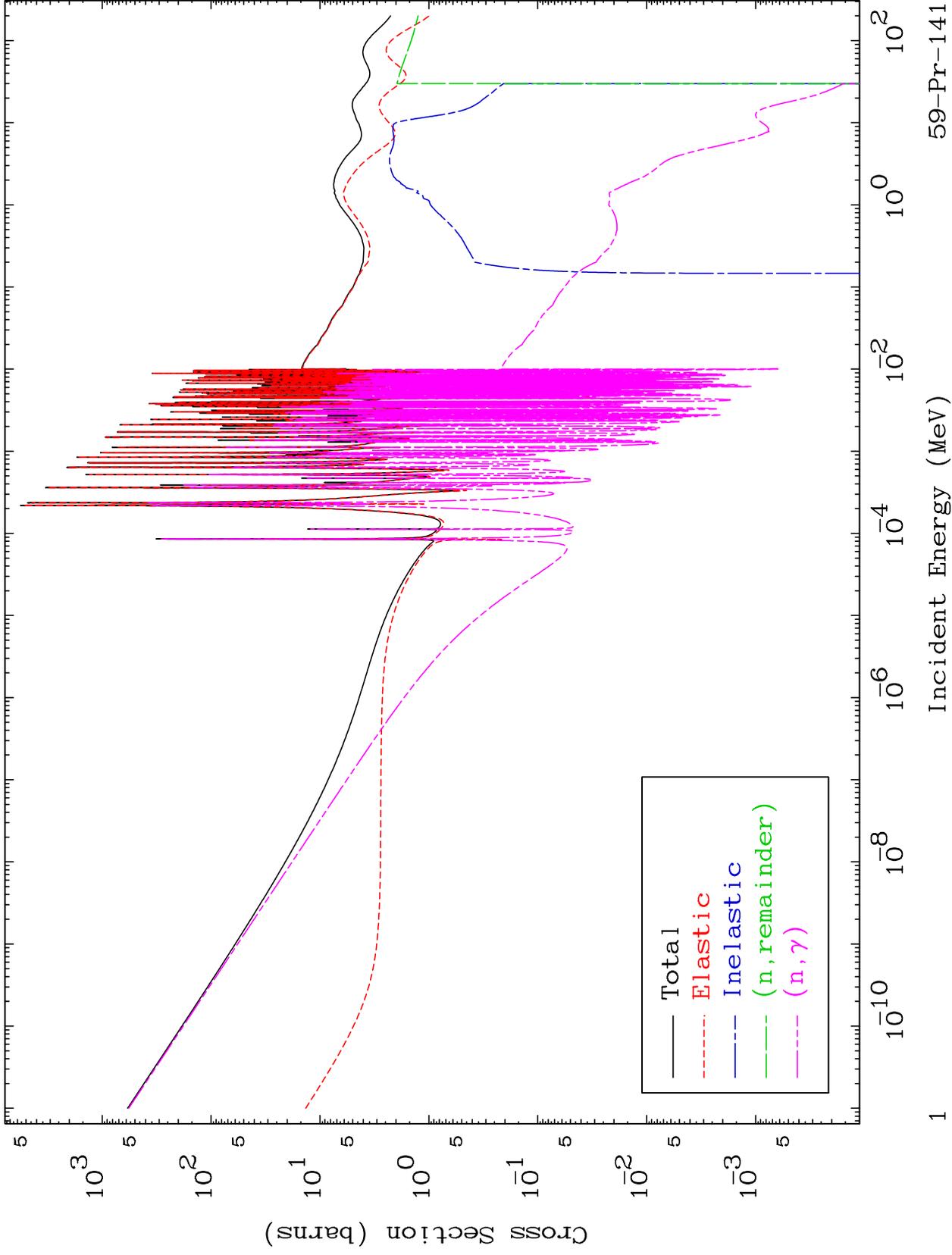
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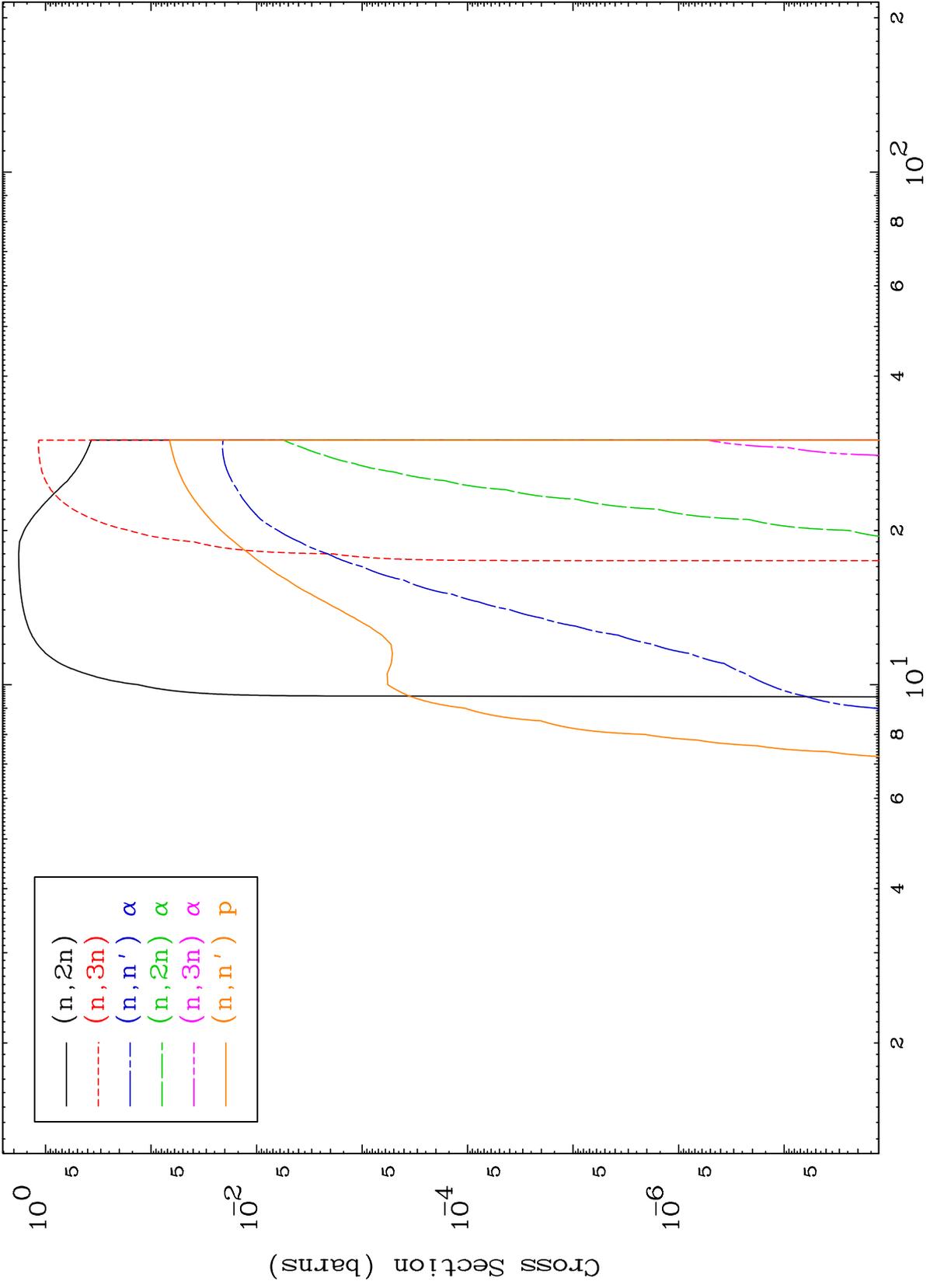
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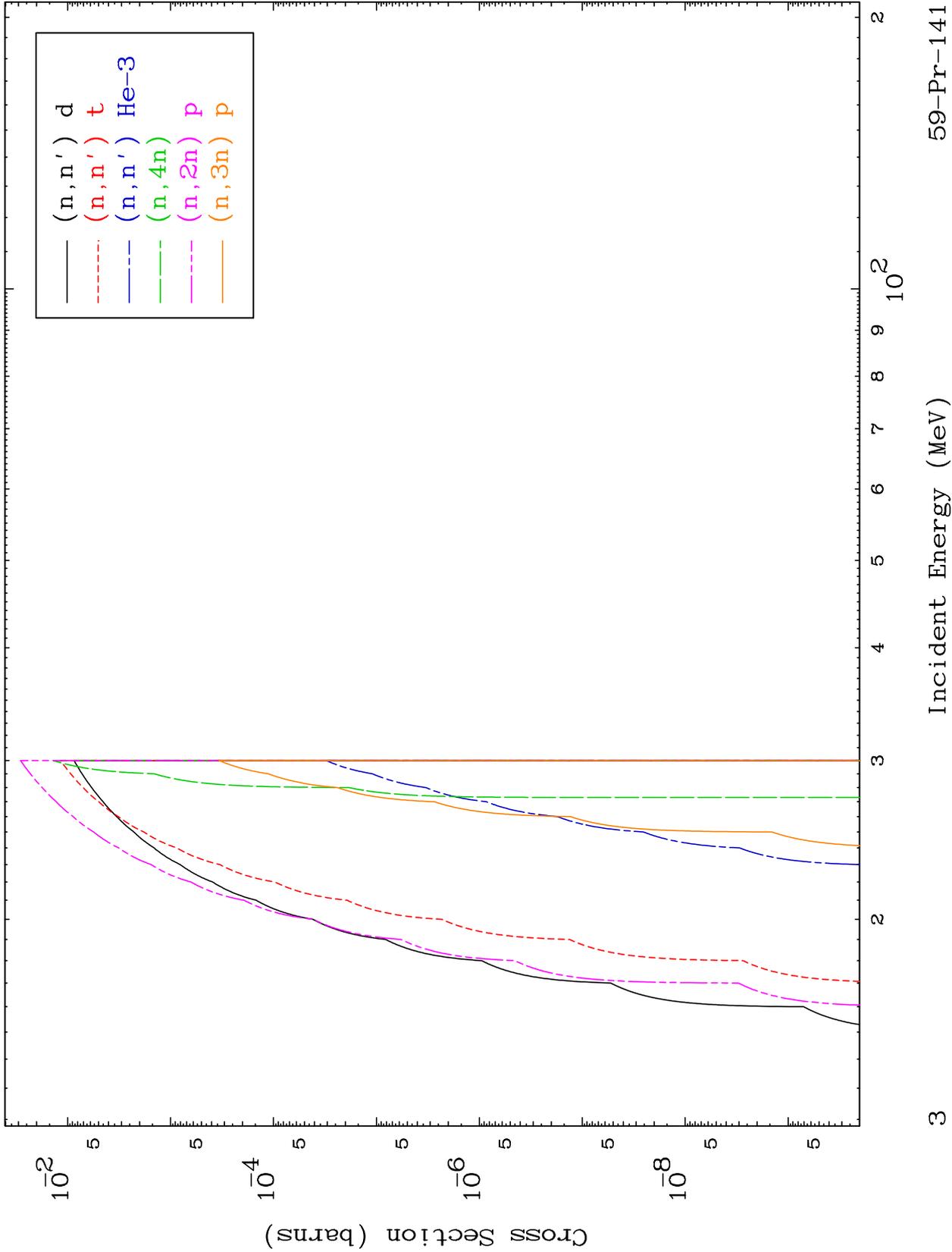
MAT 5925

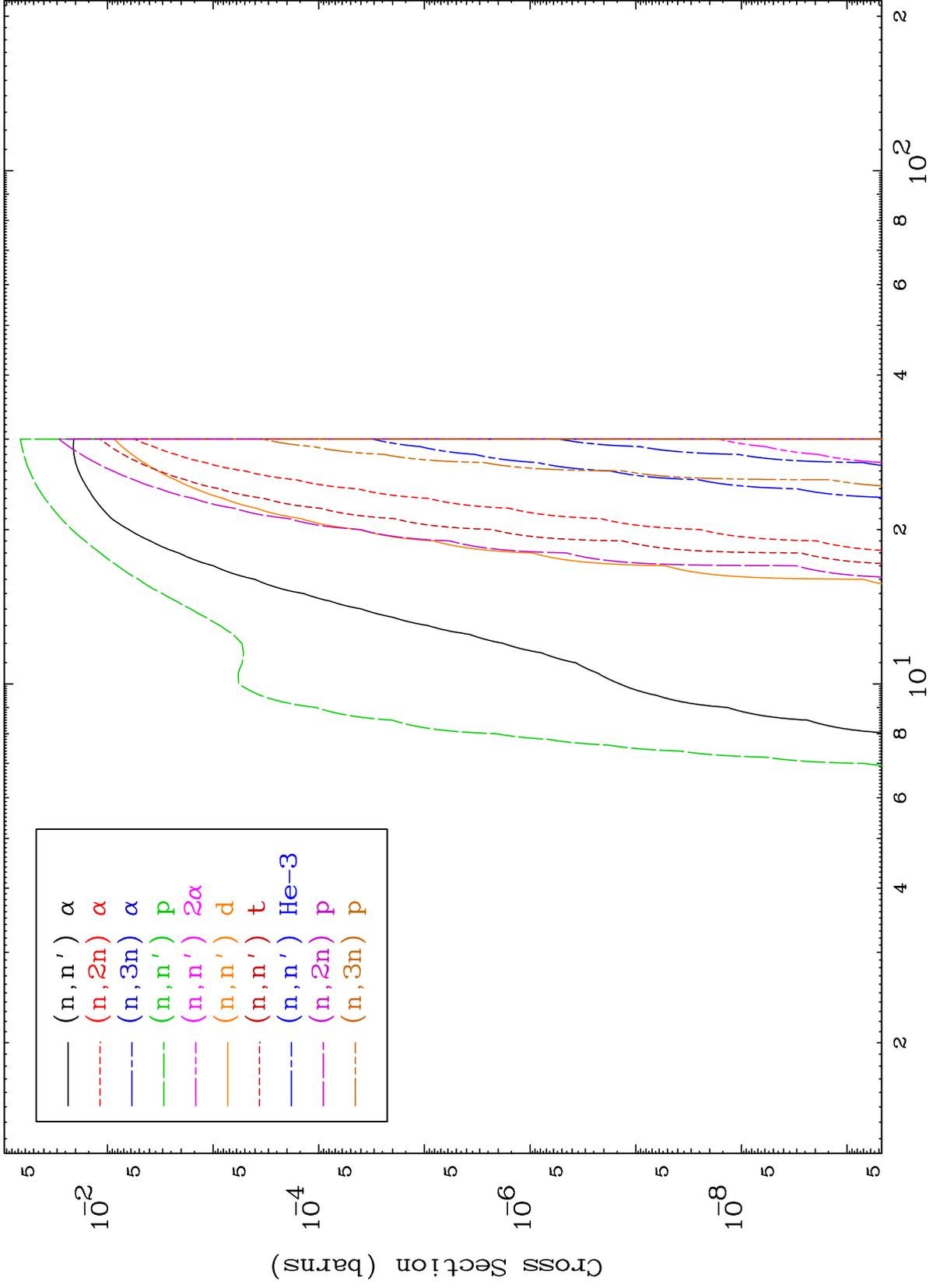
Major
293 Kelvin Cross Sections

59-Pr-141





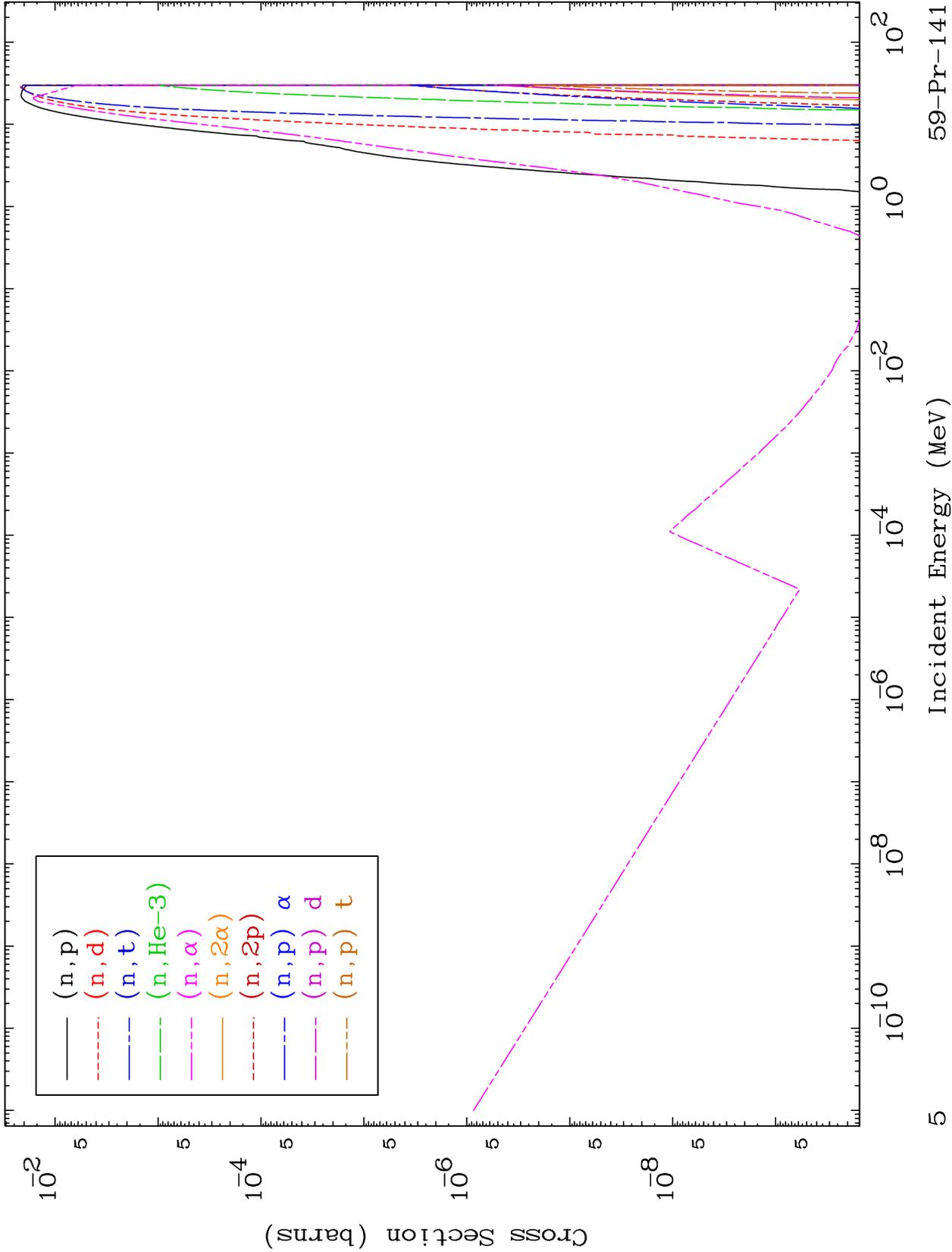




MAT 5925

Charged Particle
293 Kelvin Cross Sections

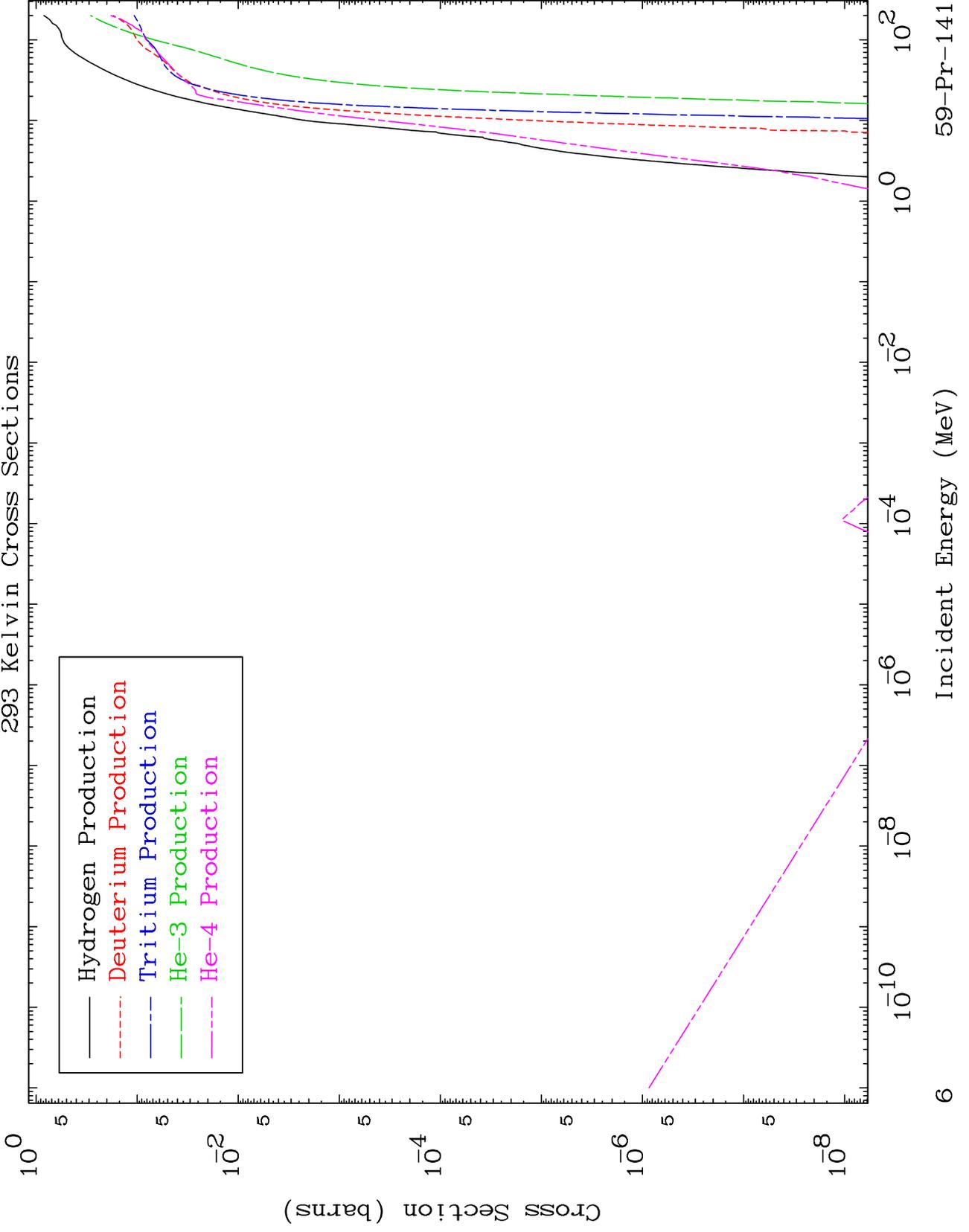
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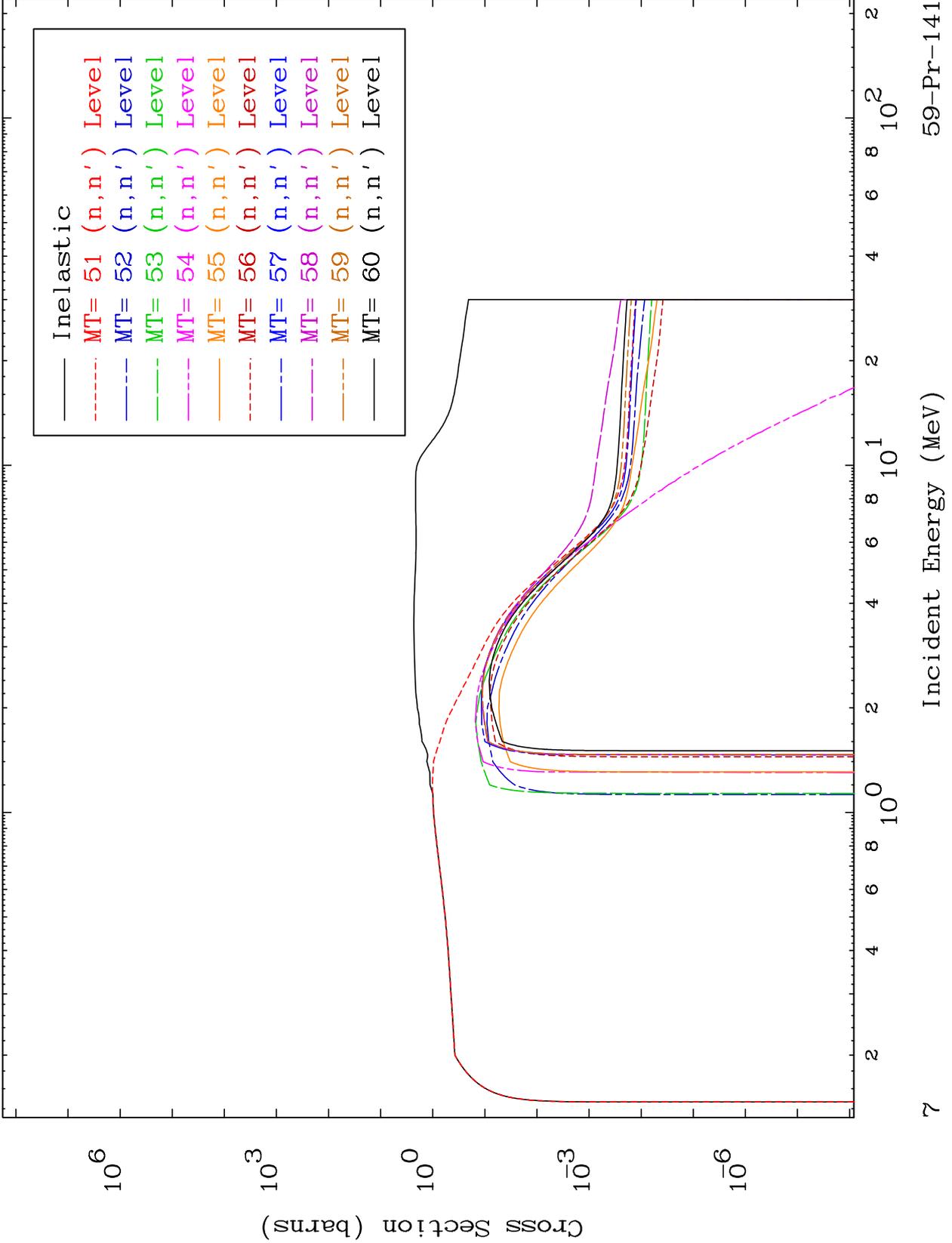
MAT 5925

Particle Production
293 Kelvin Cross Sections

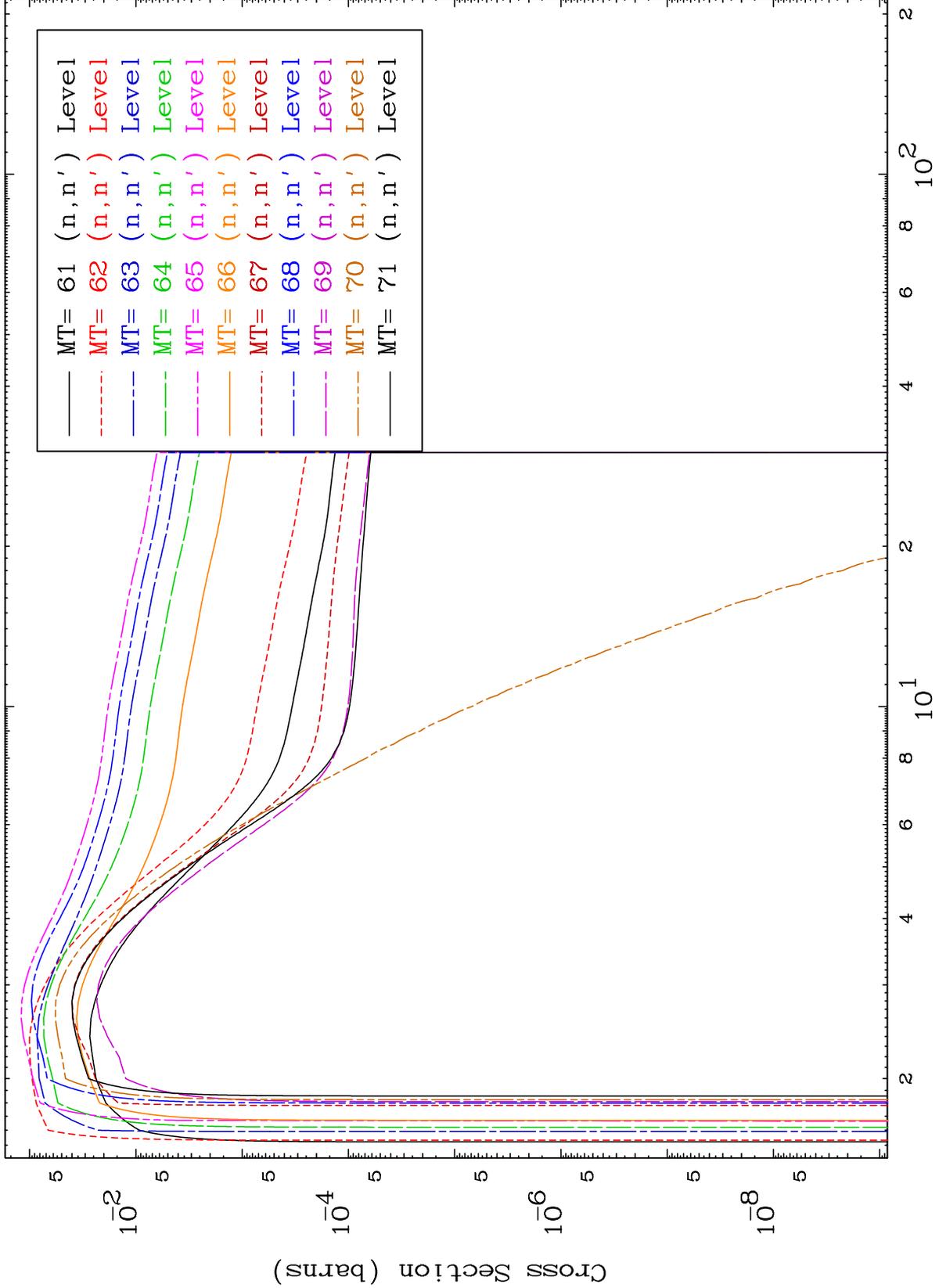
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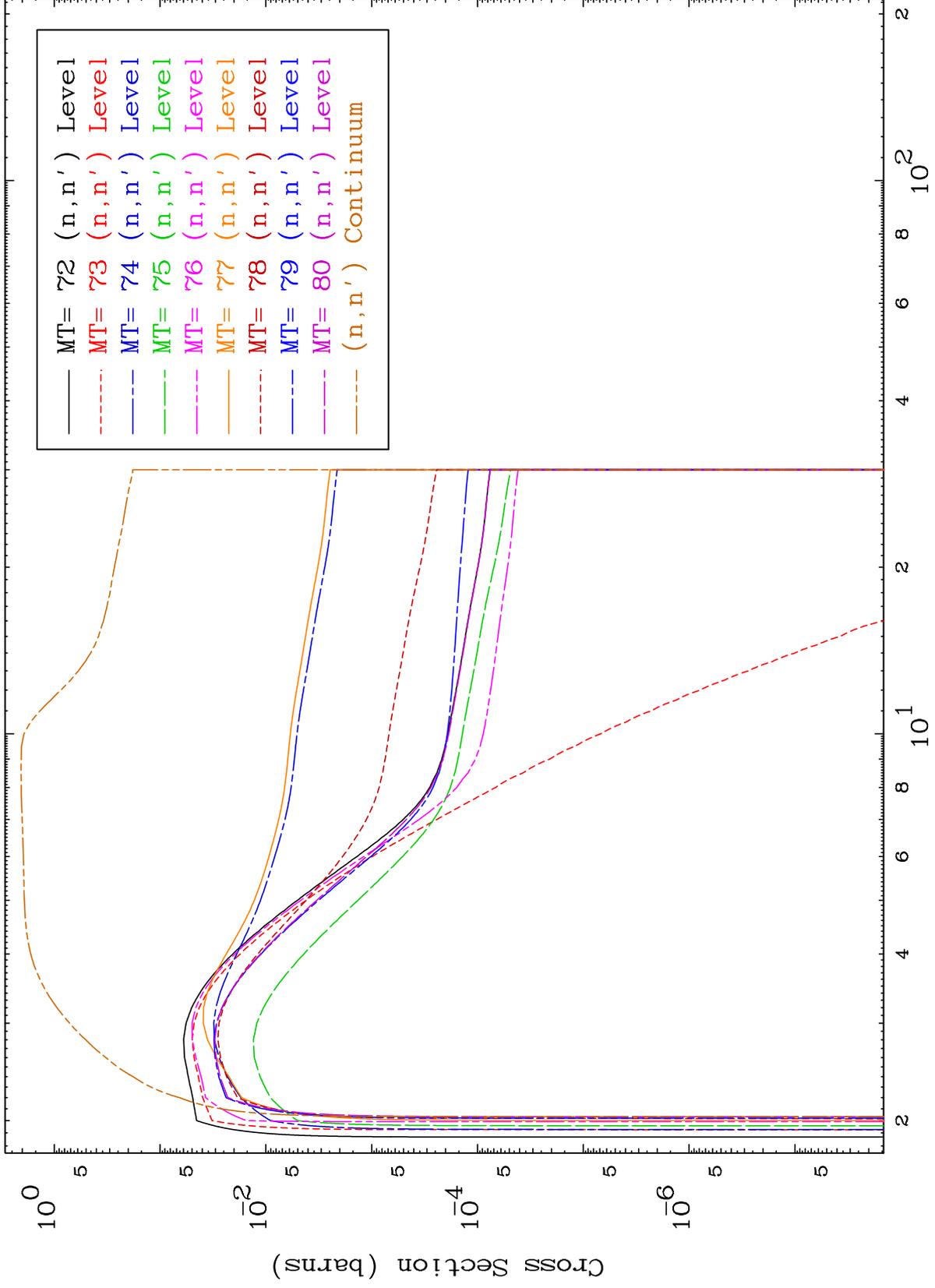
293 Kelvin Cross Sections



293 Kelvin Cross Sections



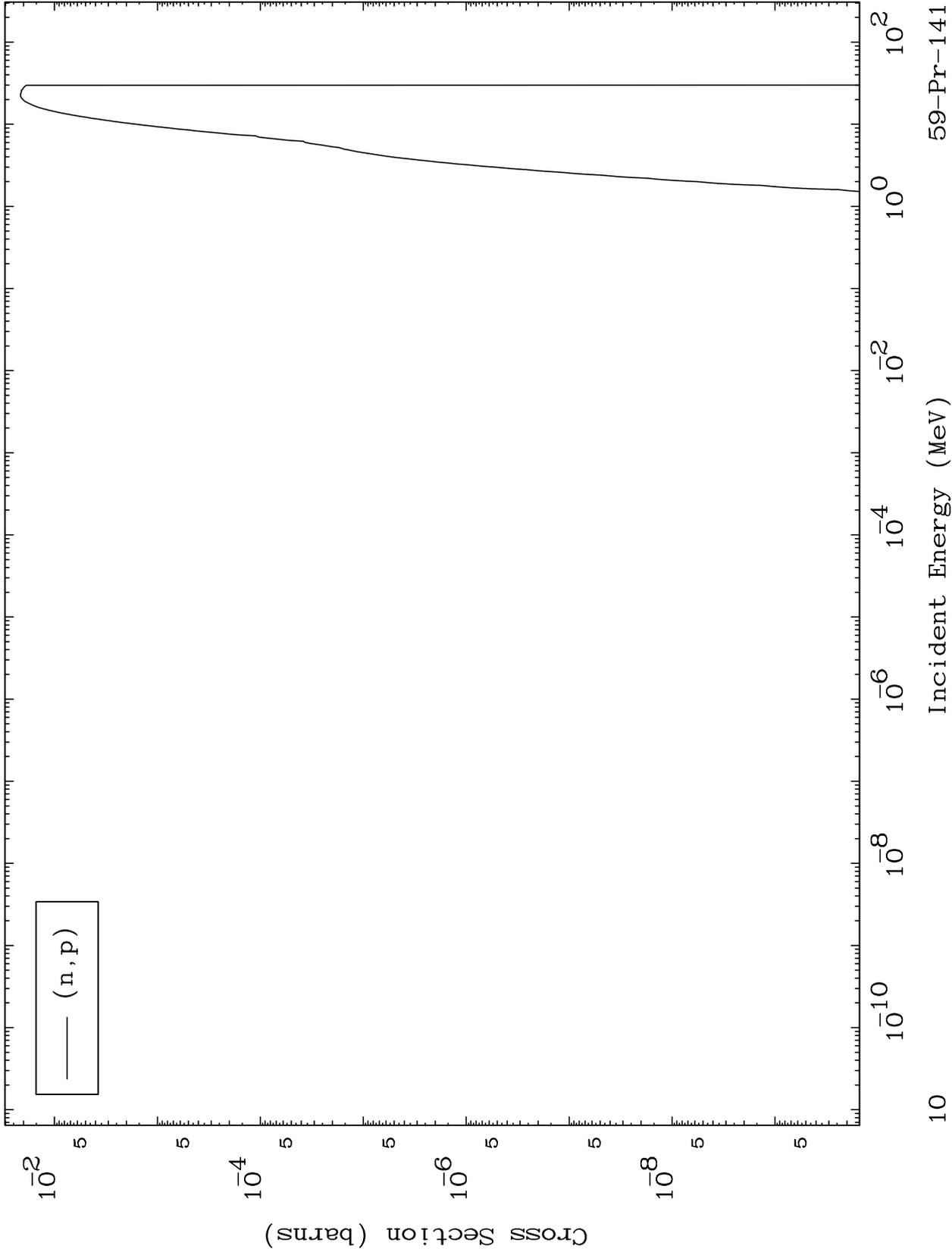
293 Kelvin Cross Sections



MAT 5925

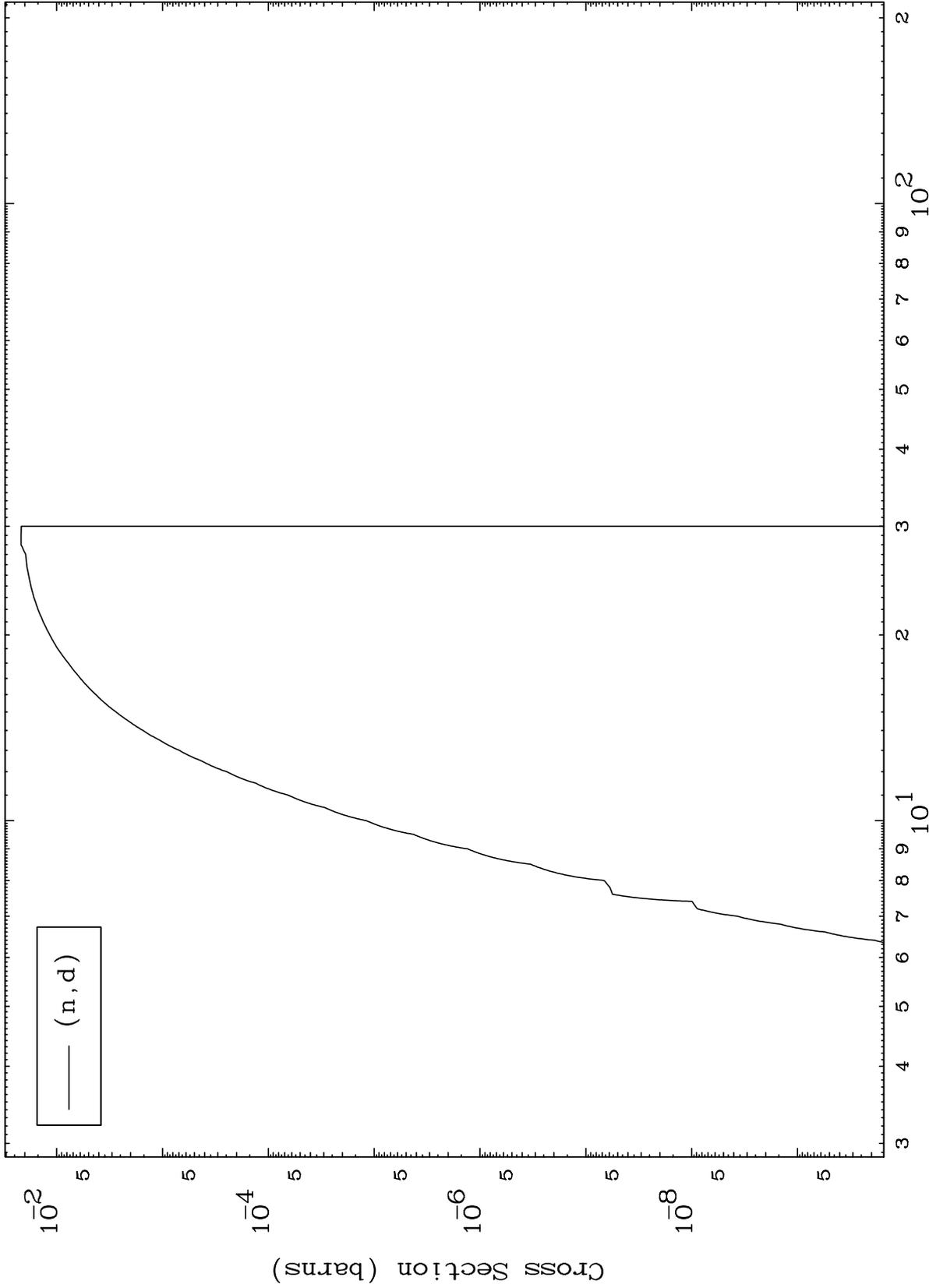
(n,p) Levels
293 Kelvin Cross Sections

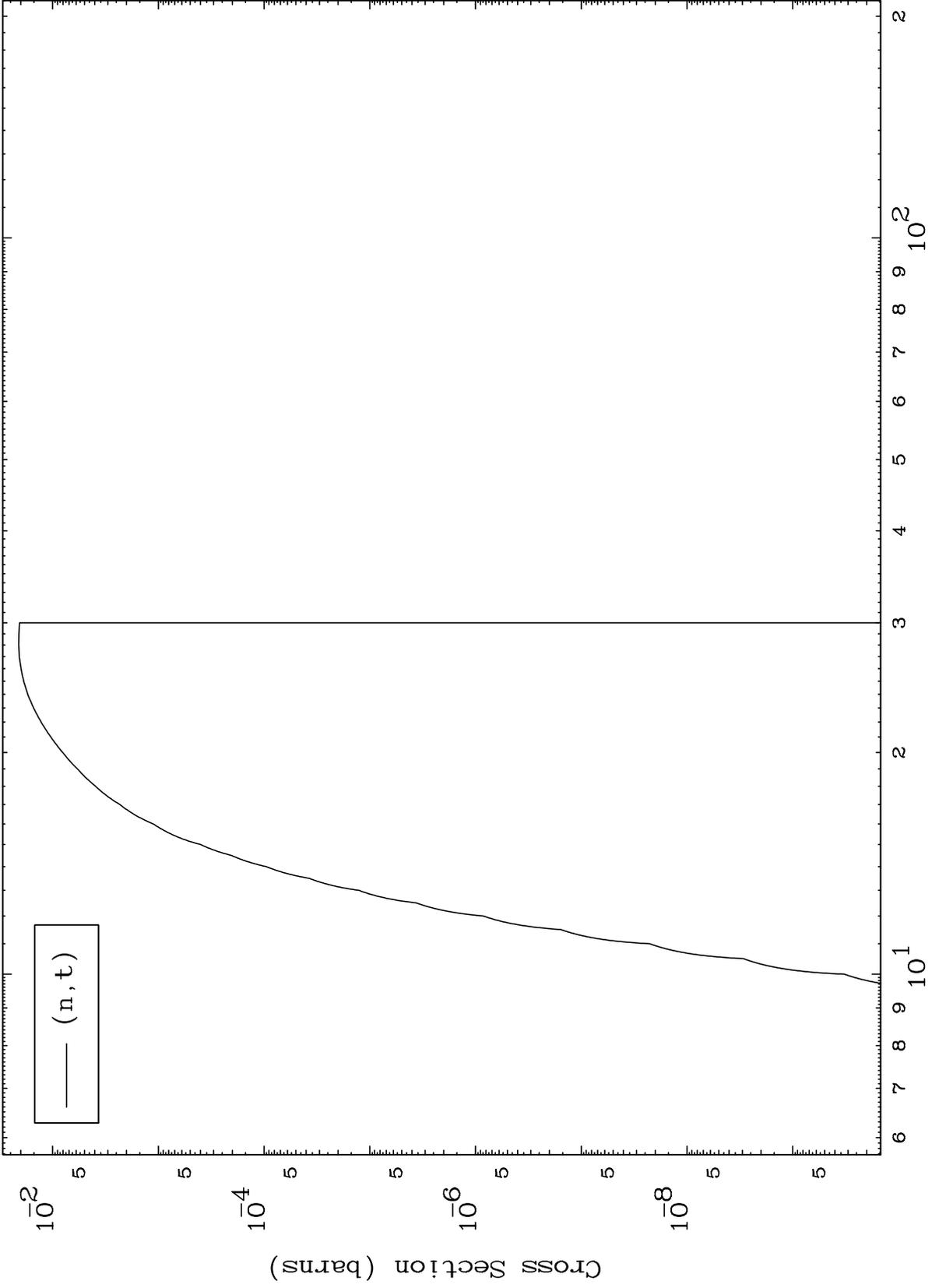
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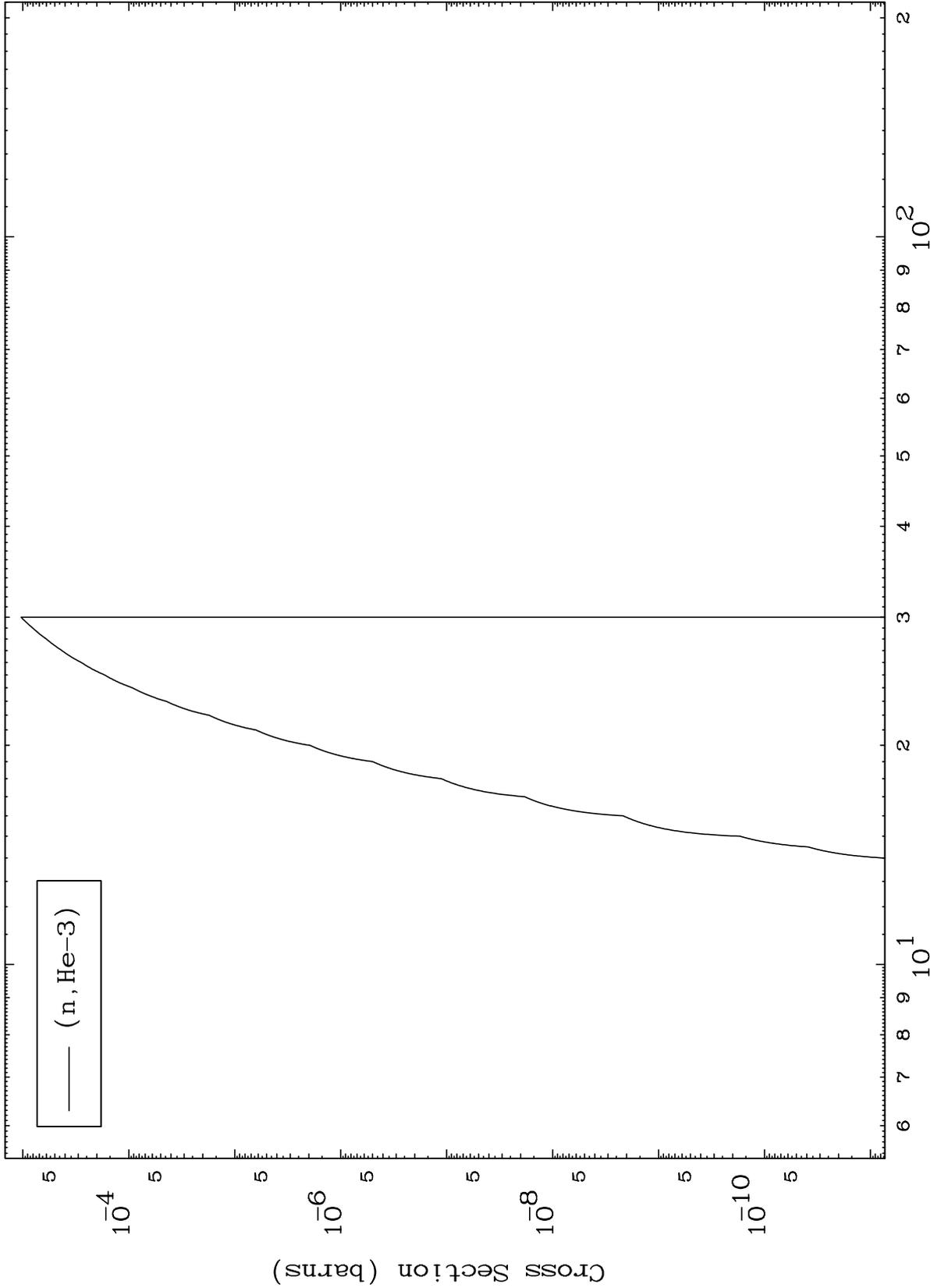
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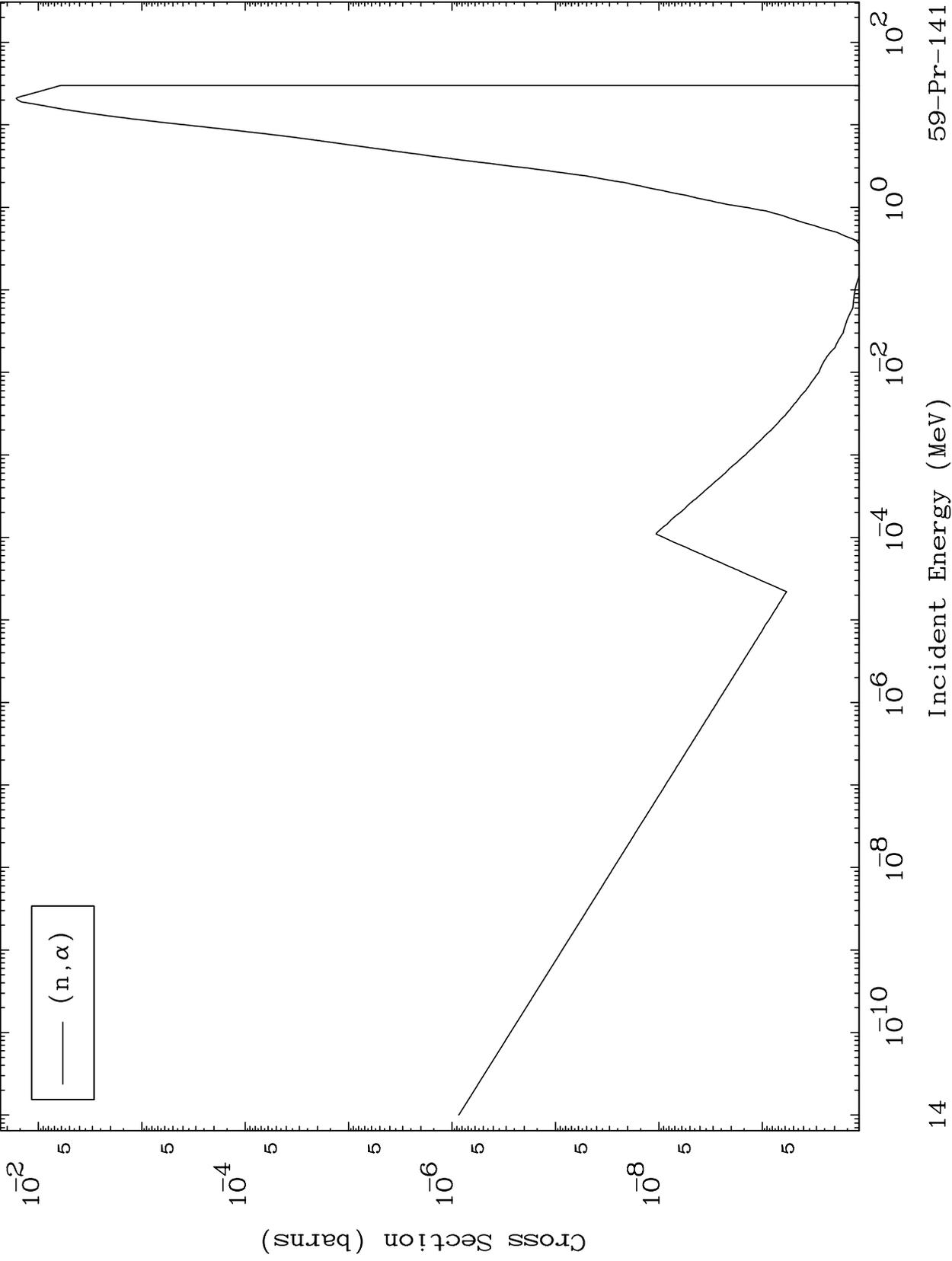
(n,He3) Levels
293 Kelvin Cross Sections

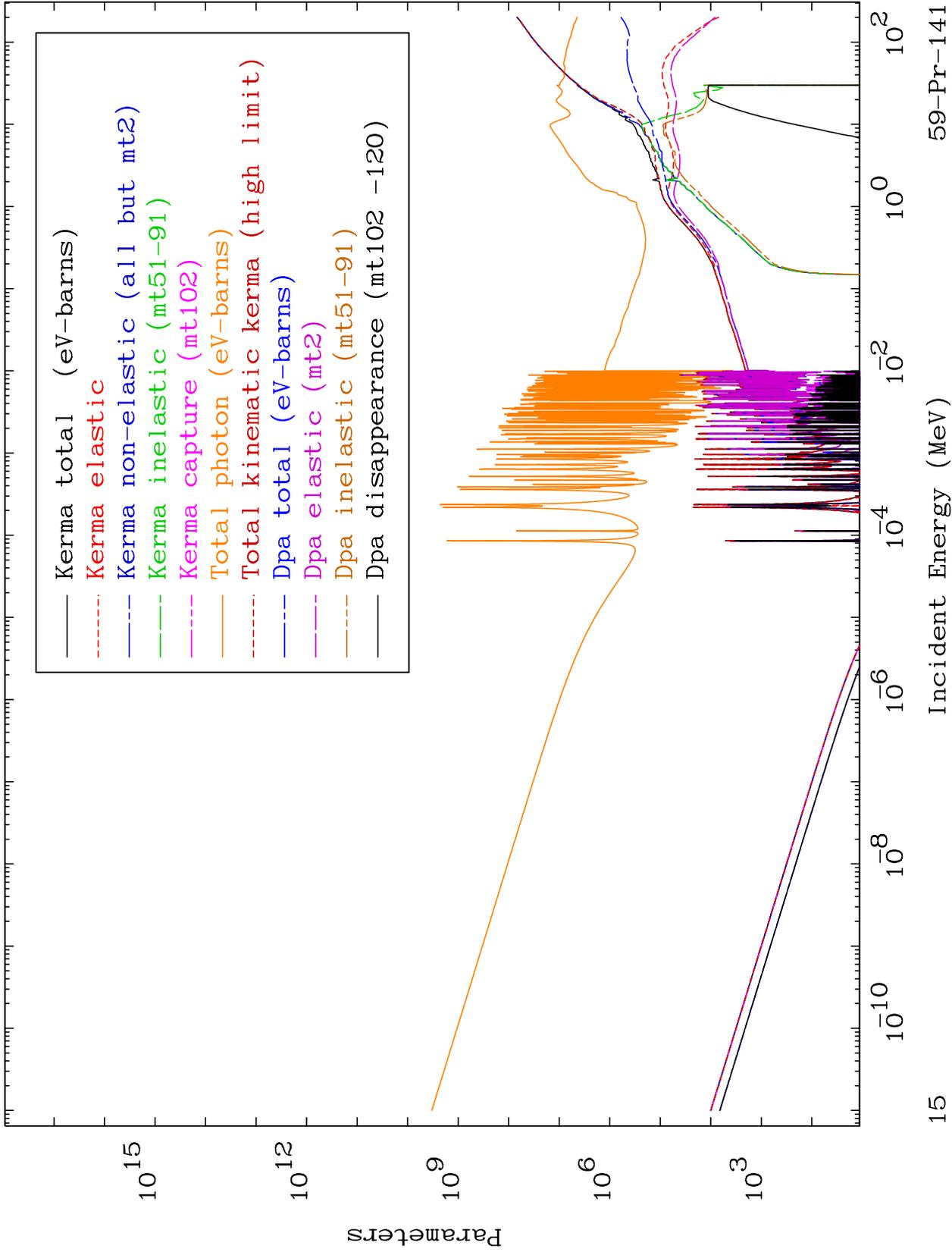


MAT 5925

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-141

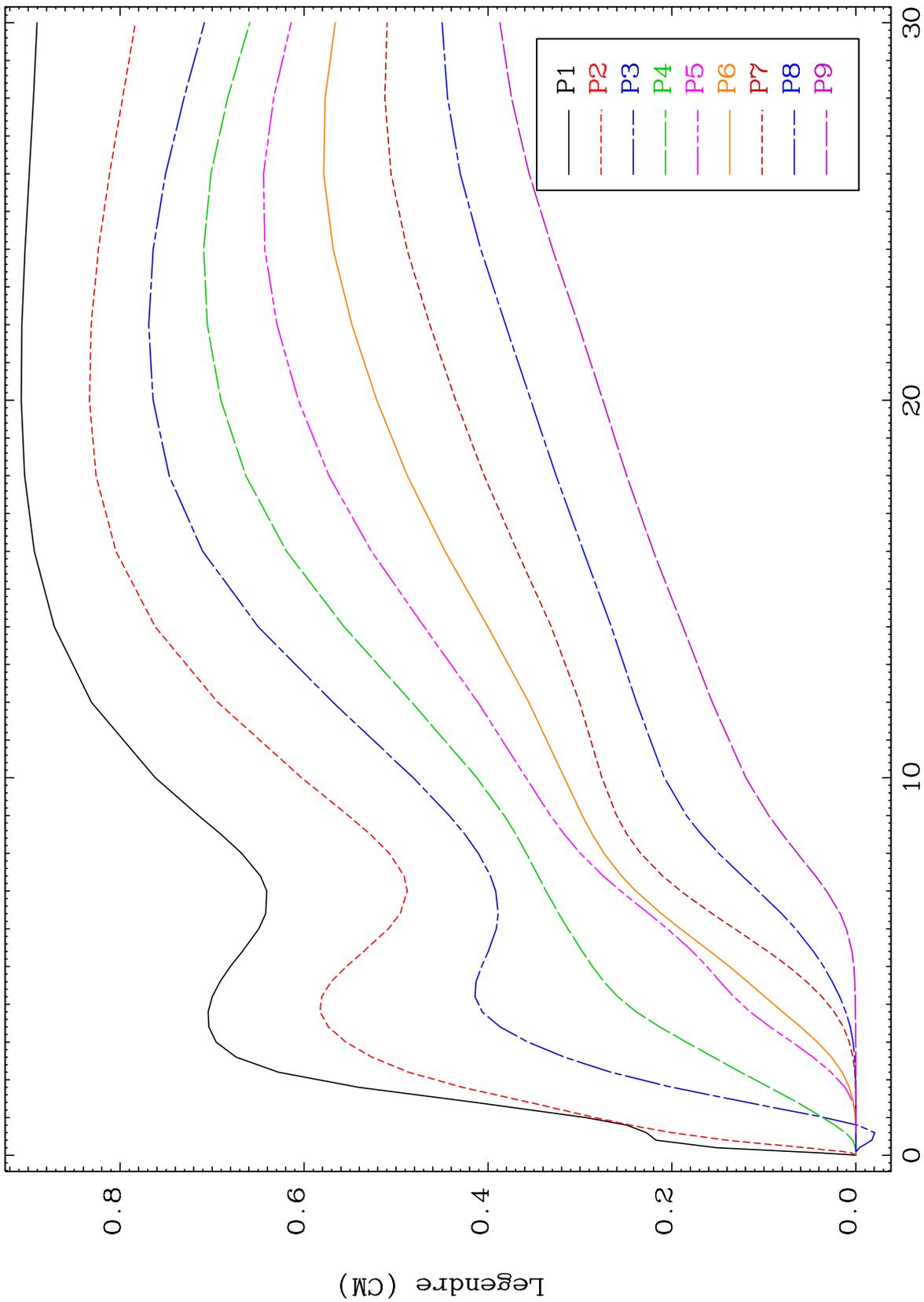




MAT 5925

59-Pr-141

Elastic Legendre Coefficients



59-Pr-141

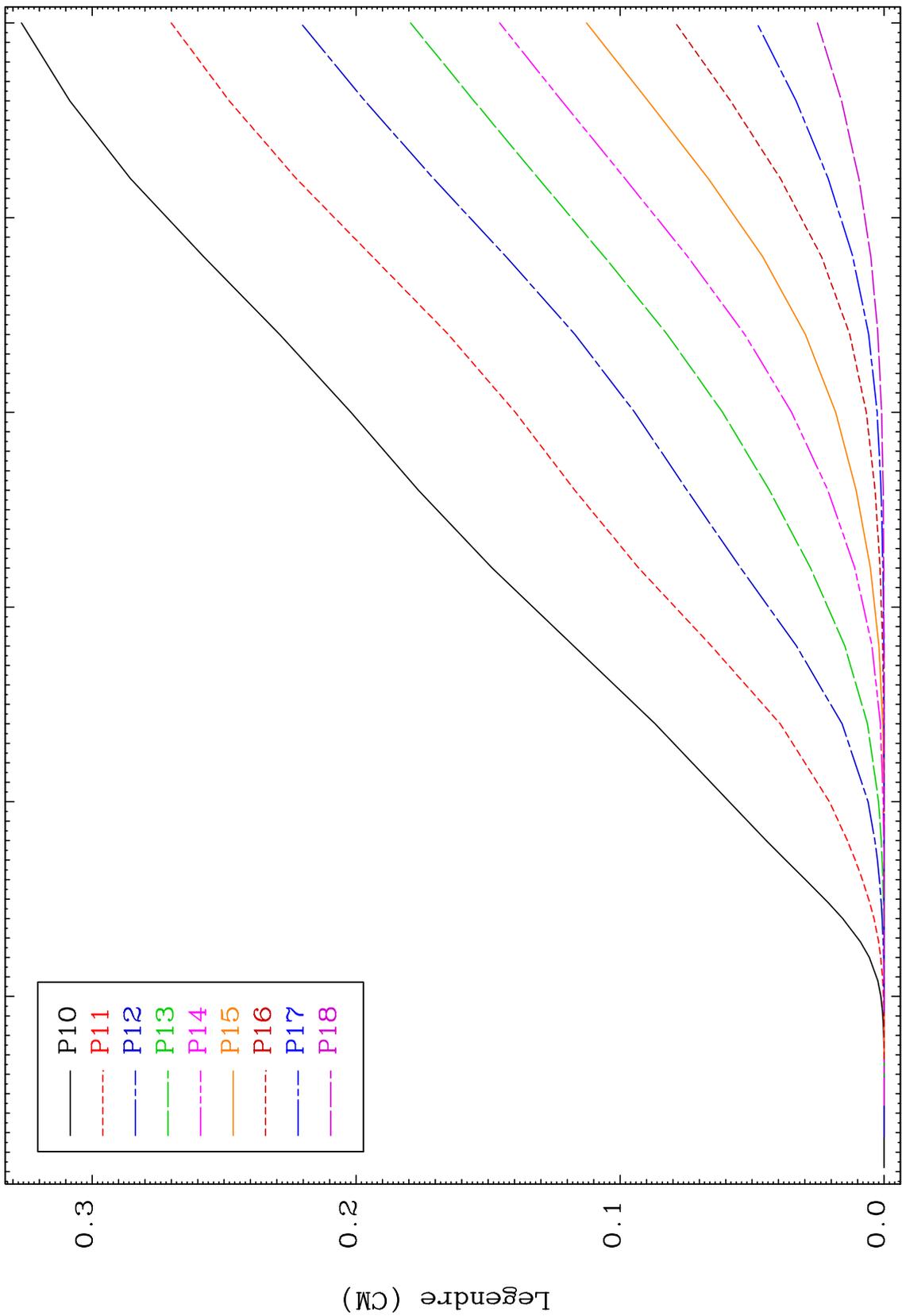
Incident Energy (MeV)

16

MAT 5925

Elastic Legendre Coefficients

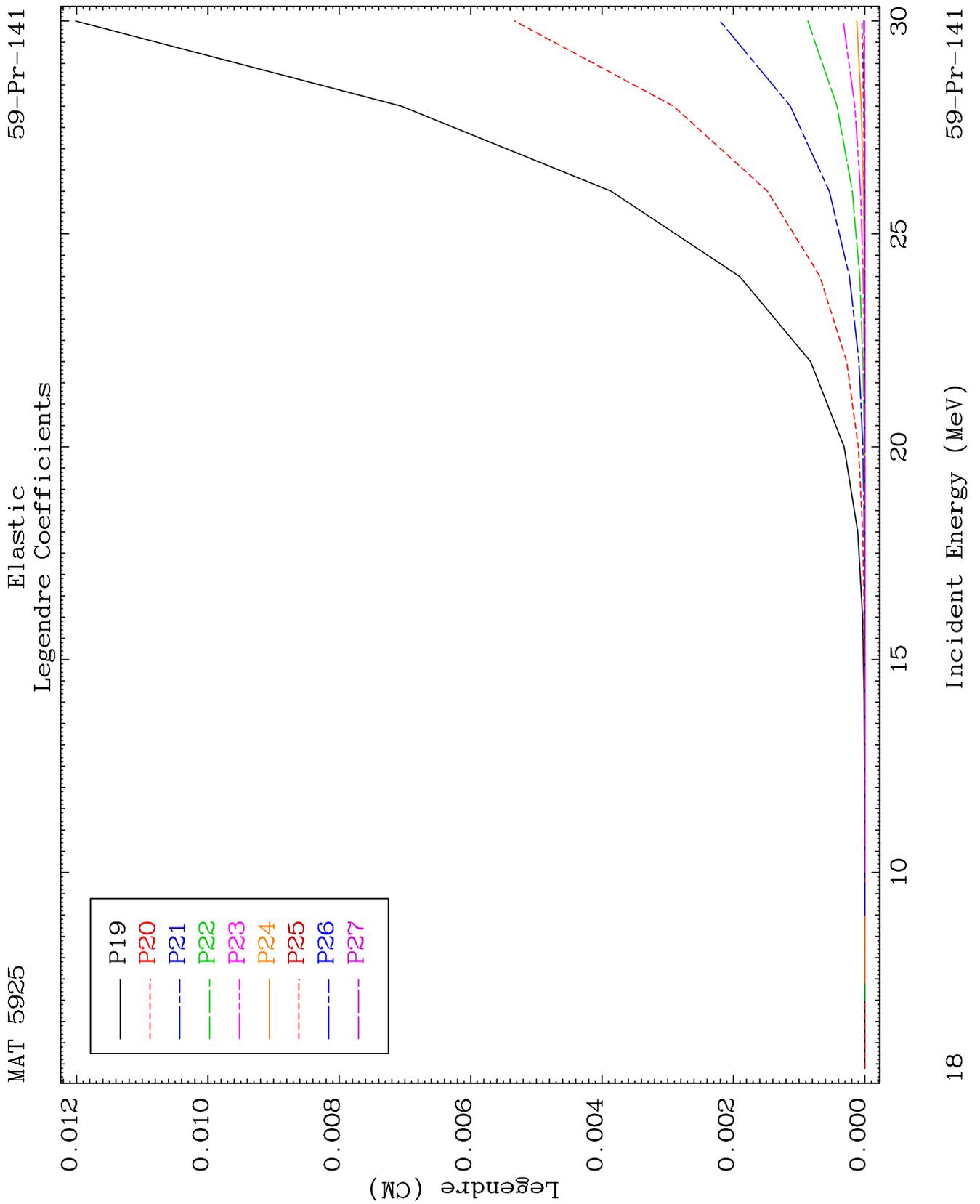
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17

59-Pr-141

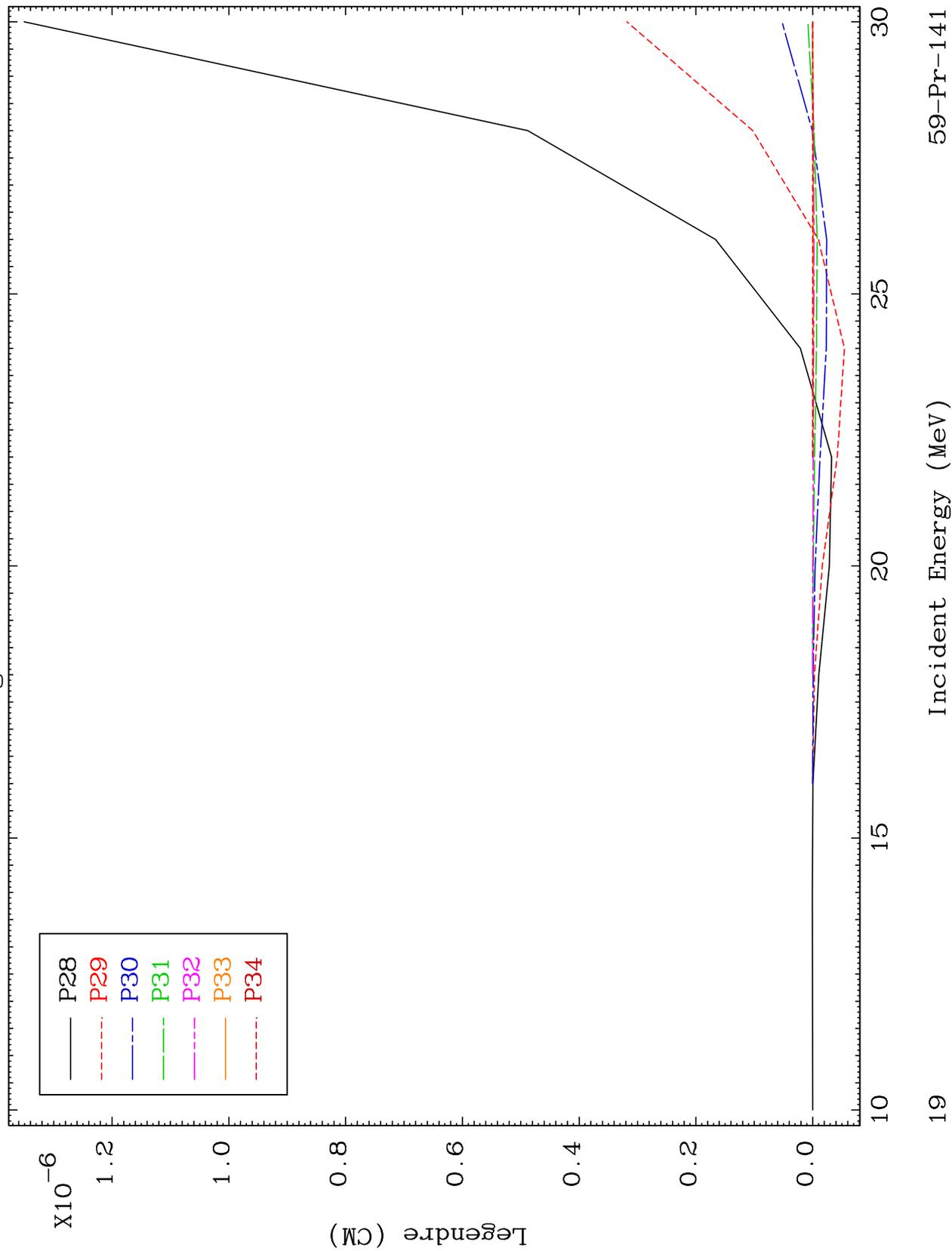
Incident Energy (MeV)



MAT 5925

Elastic Legendre Coefficients

59-Pr-141



59-Pr-141

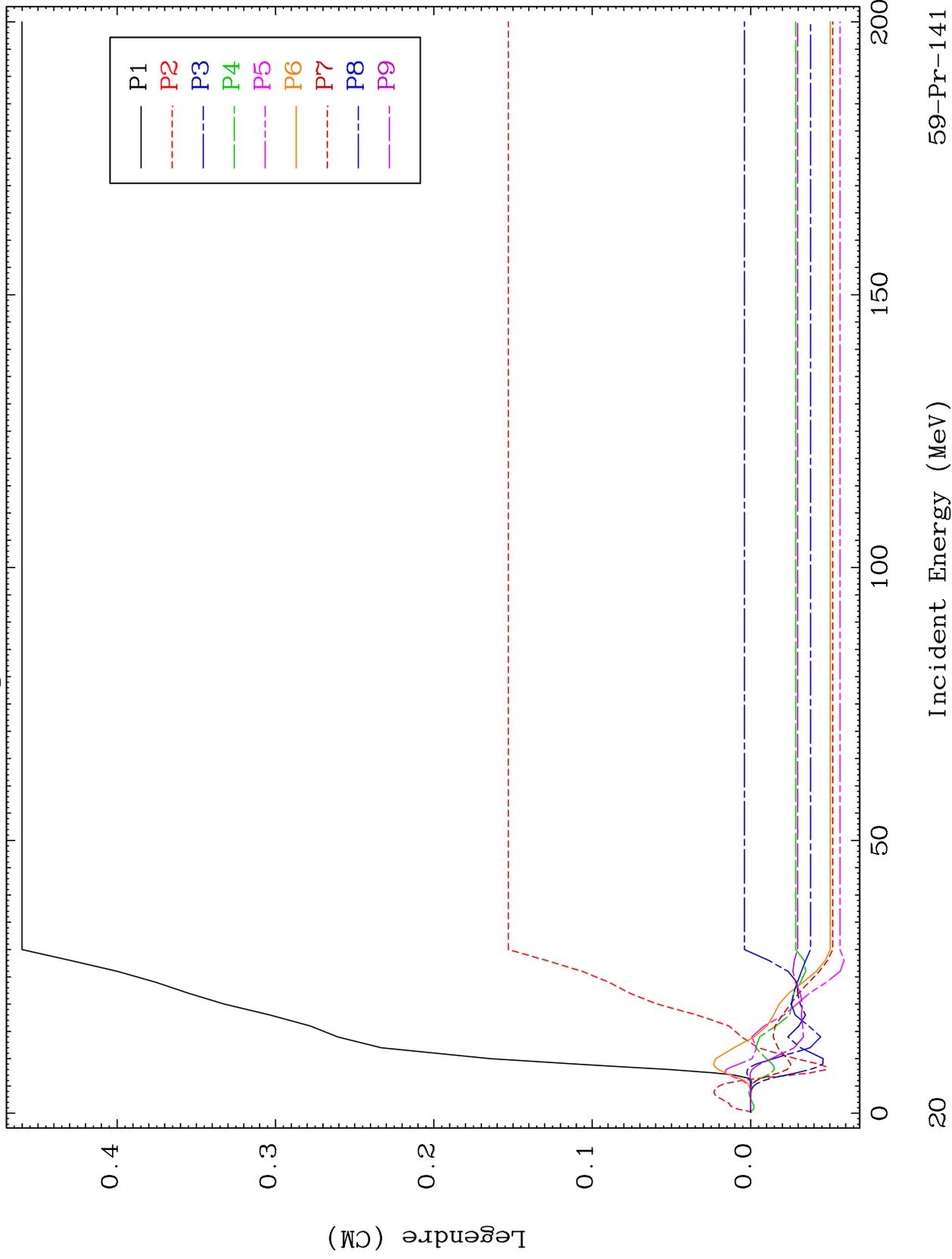
Incident Energy (MeV)

19

MAT 5925

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

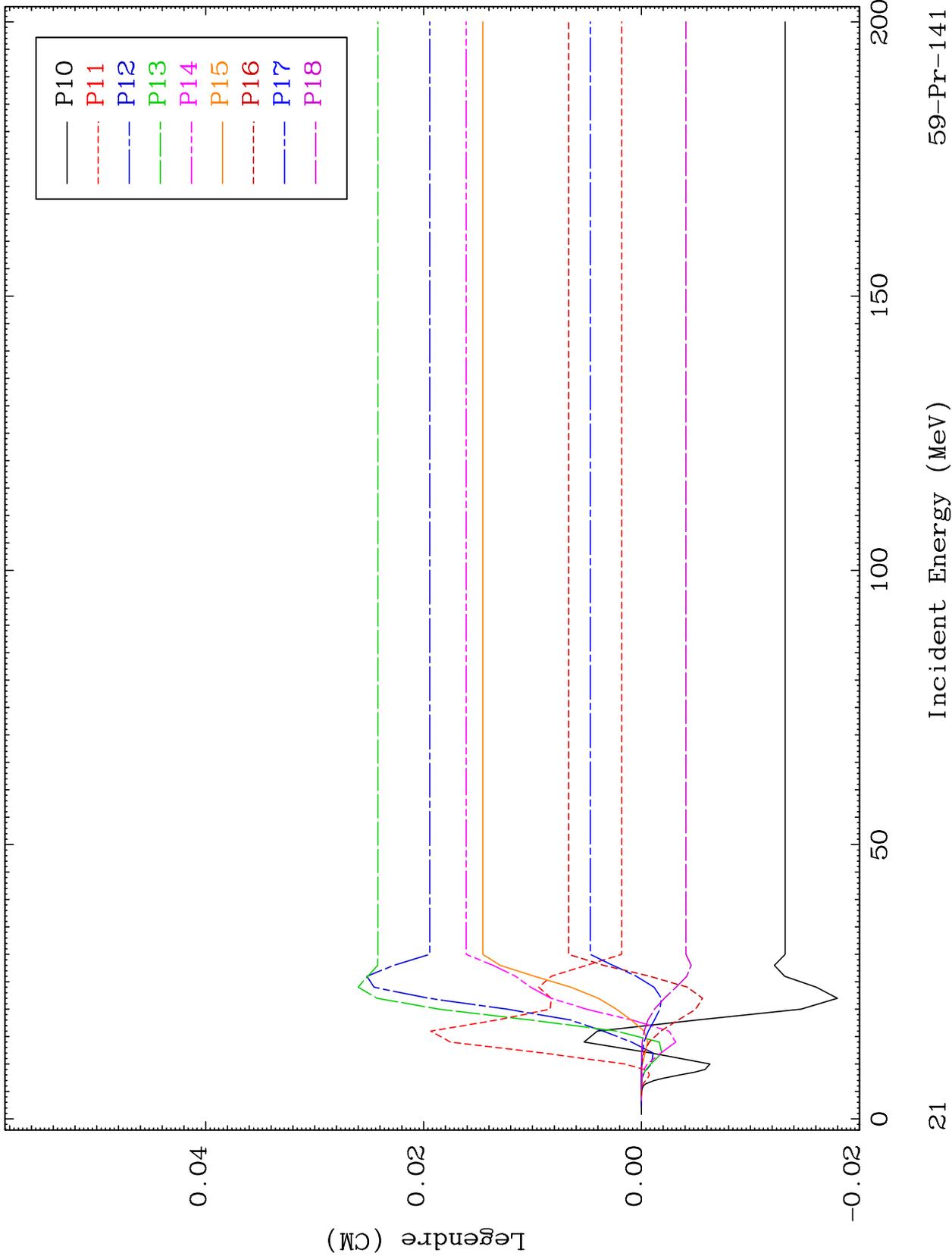
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MAT 5925

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

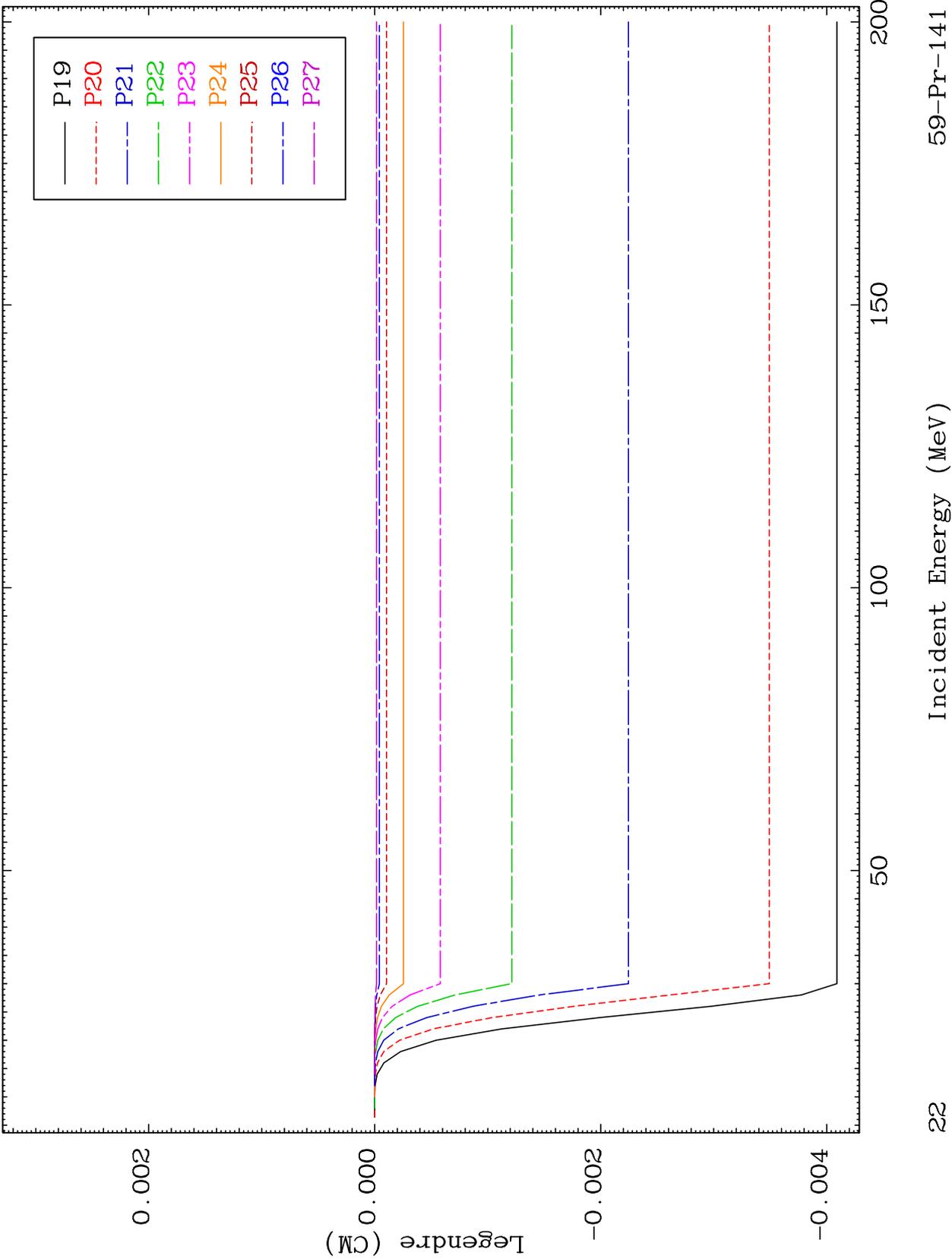
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21

Incident Energy (MeV)

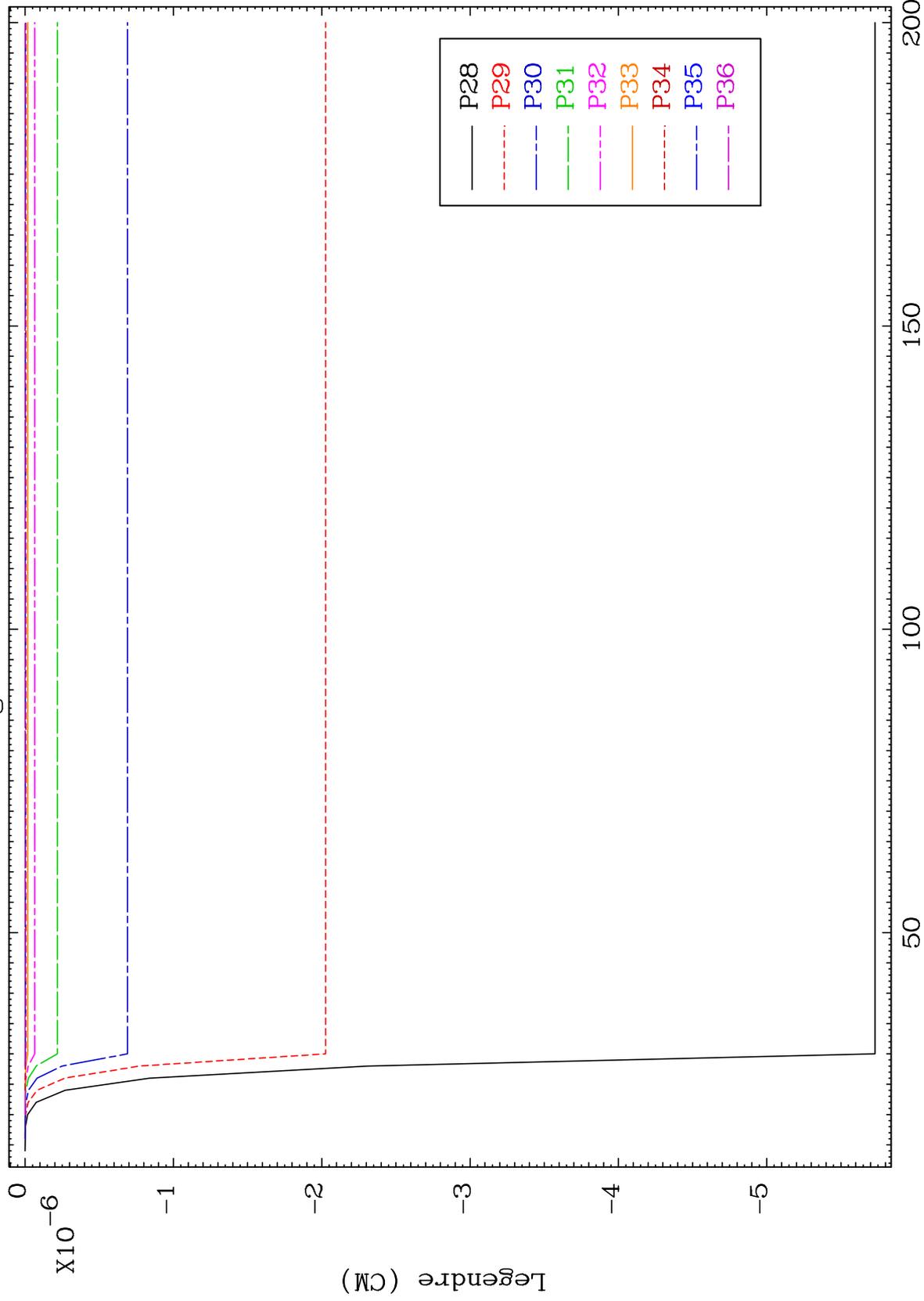
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MAT 5925

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

59-Pr-141



23

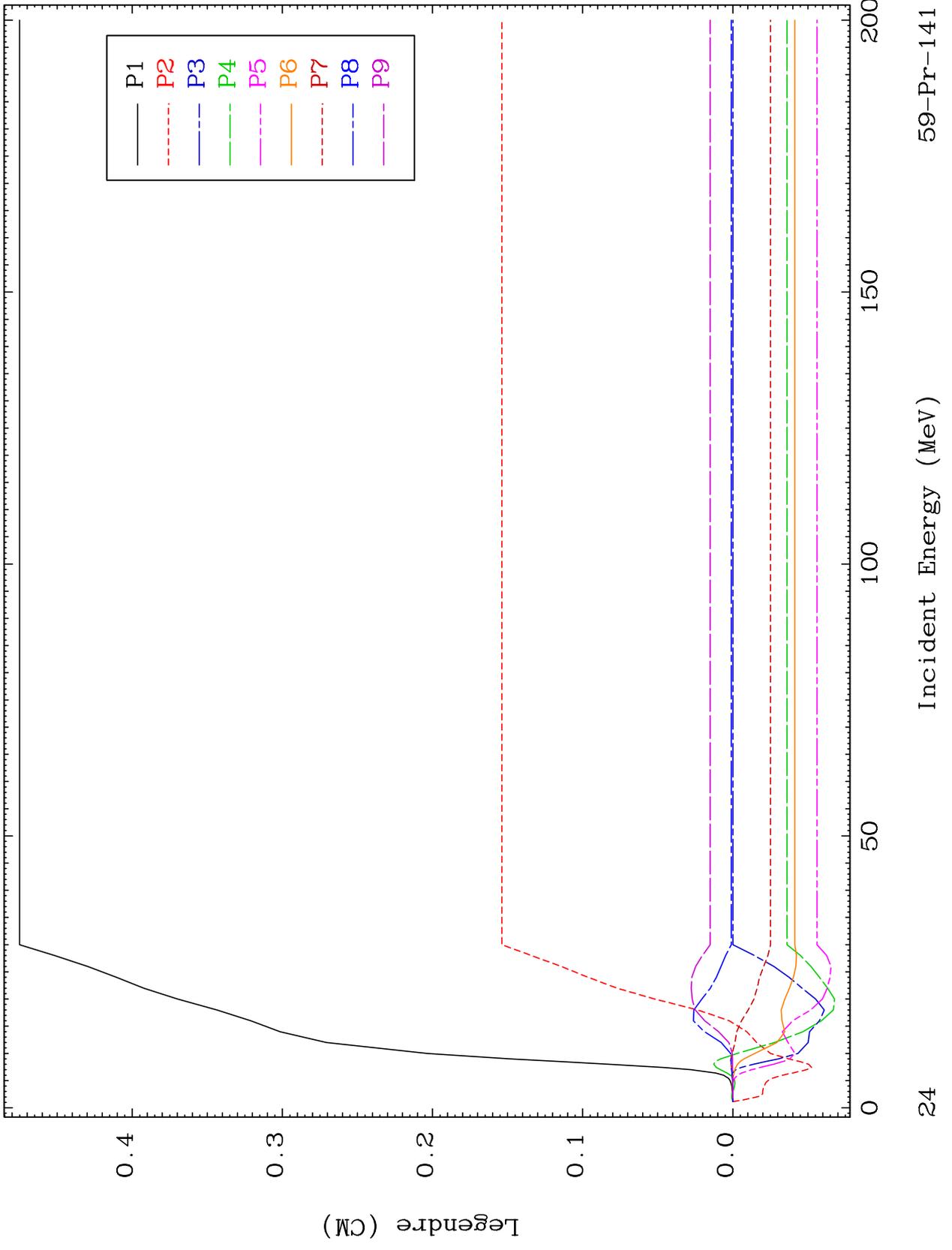
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

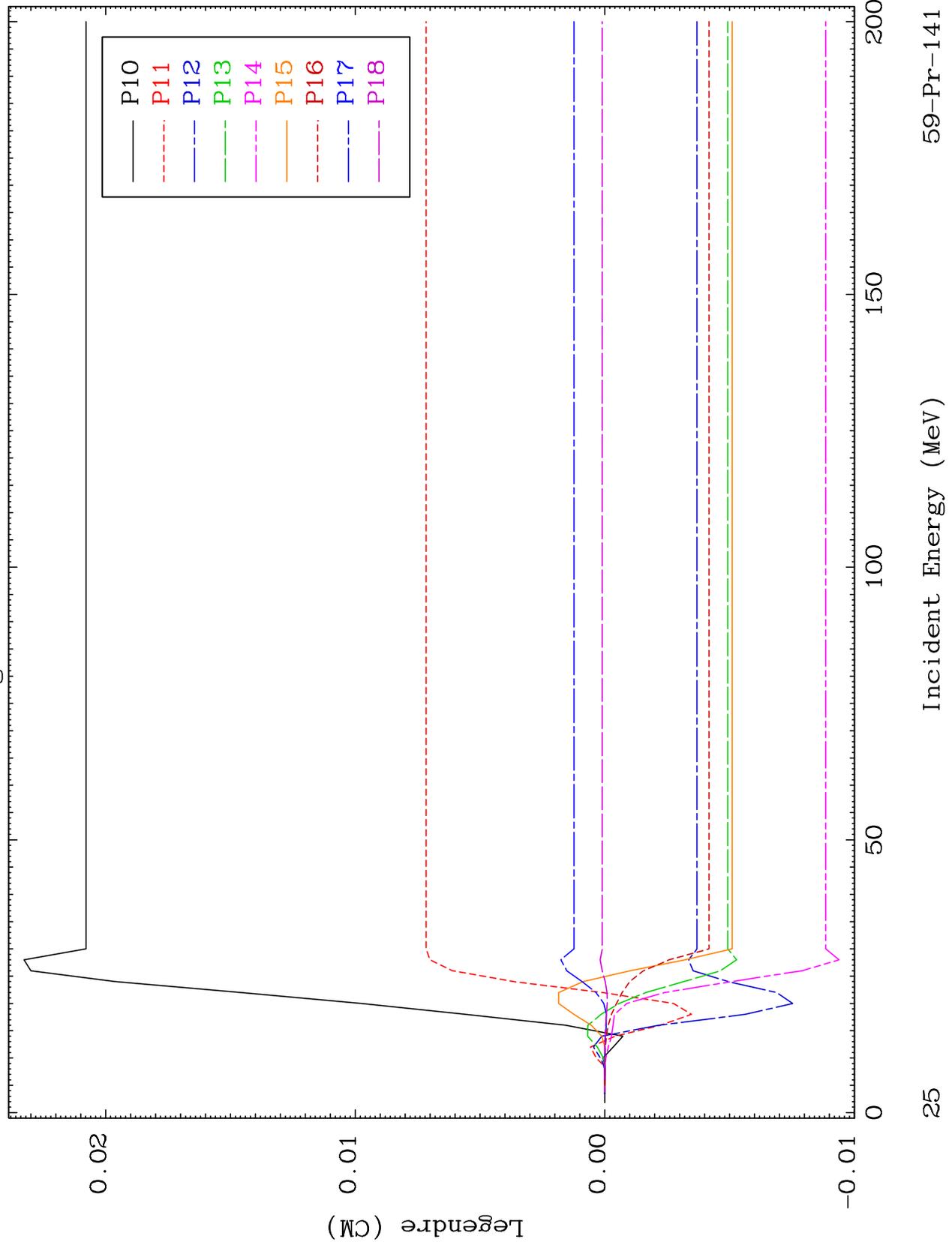
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MAT 5925

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

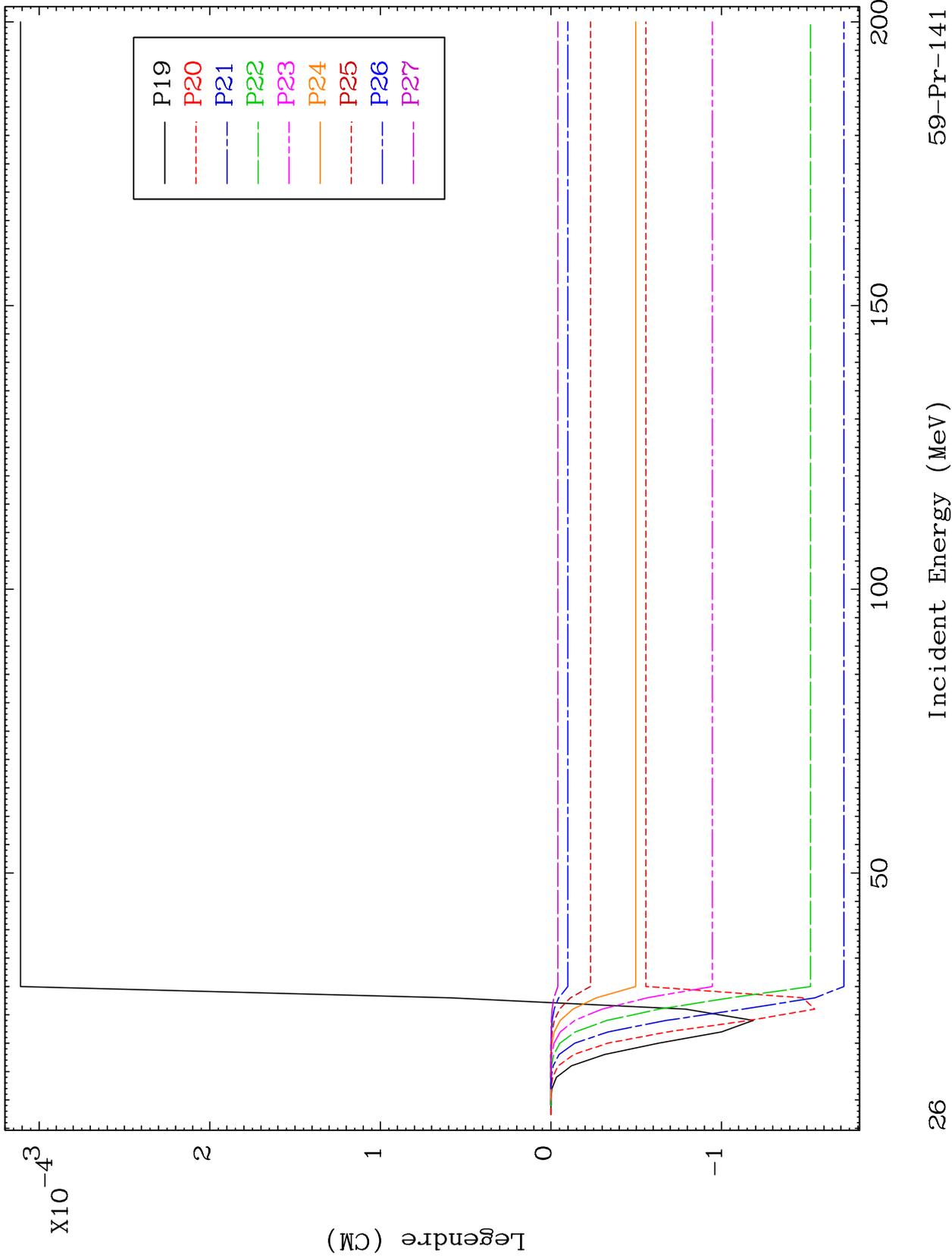
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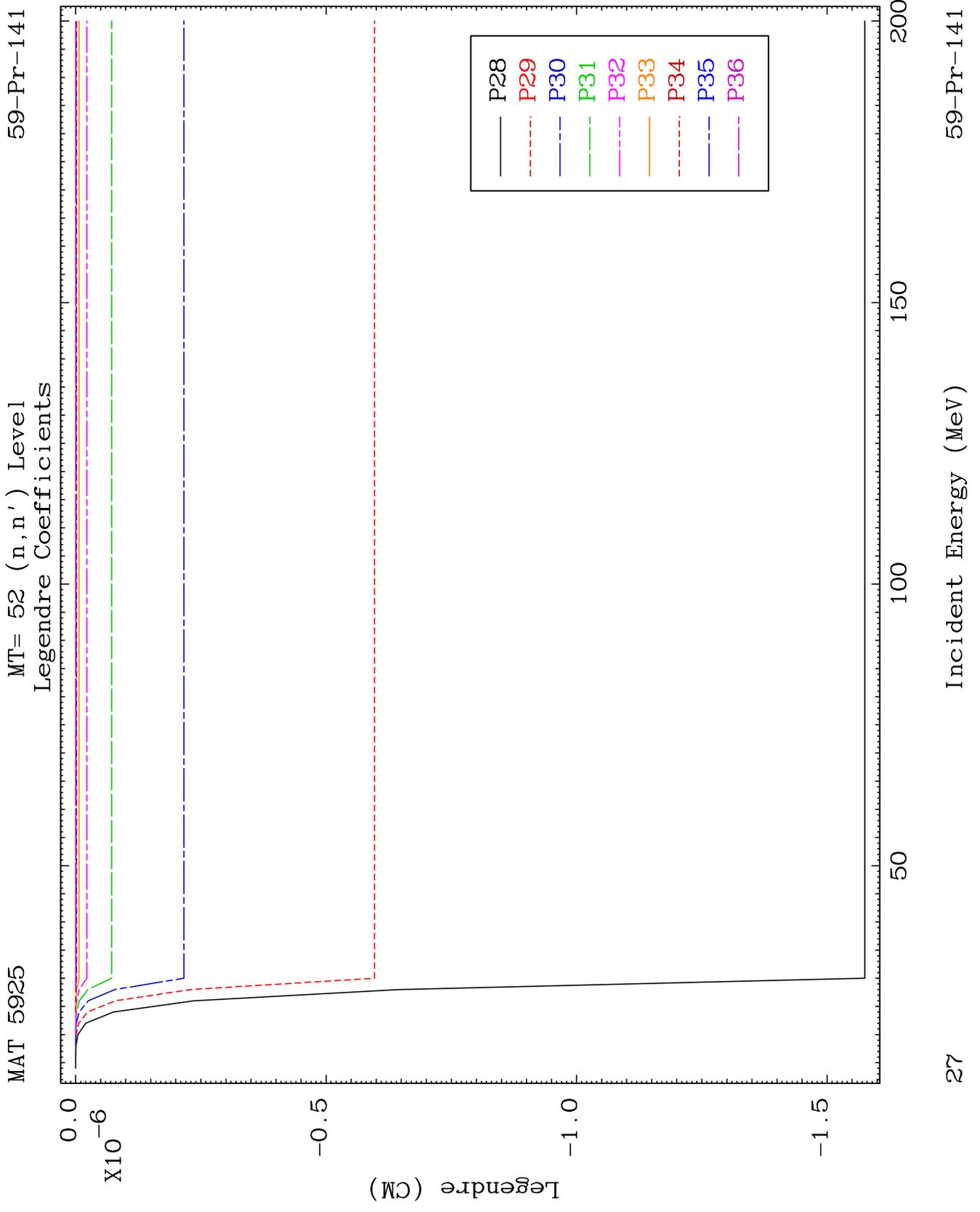


59-Pr-141

Incident Energy (MeV)

25

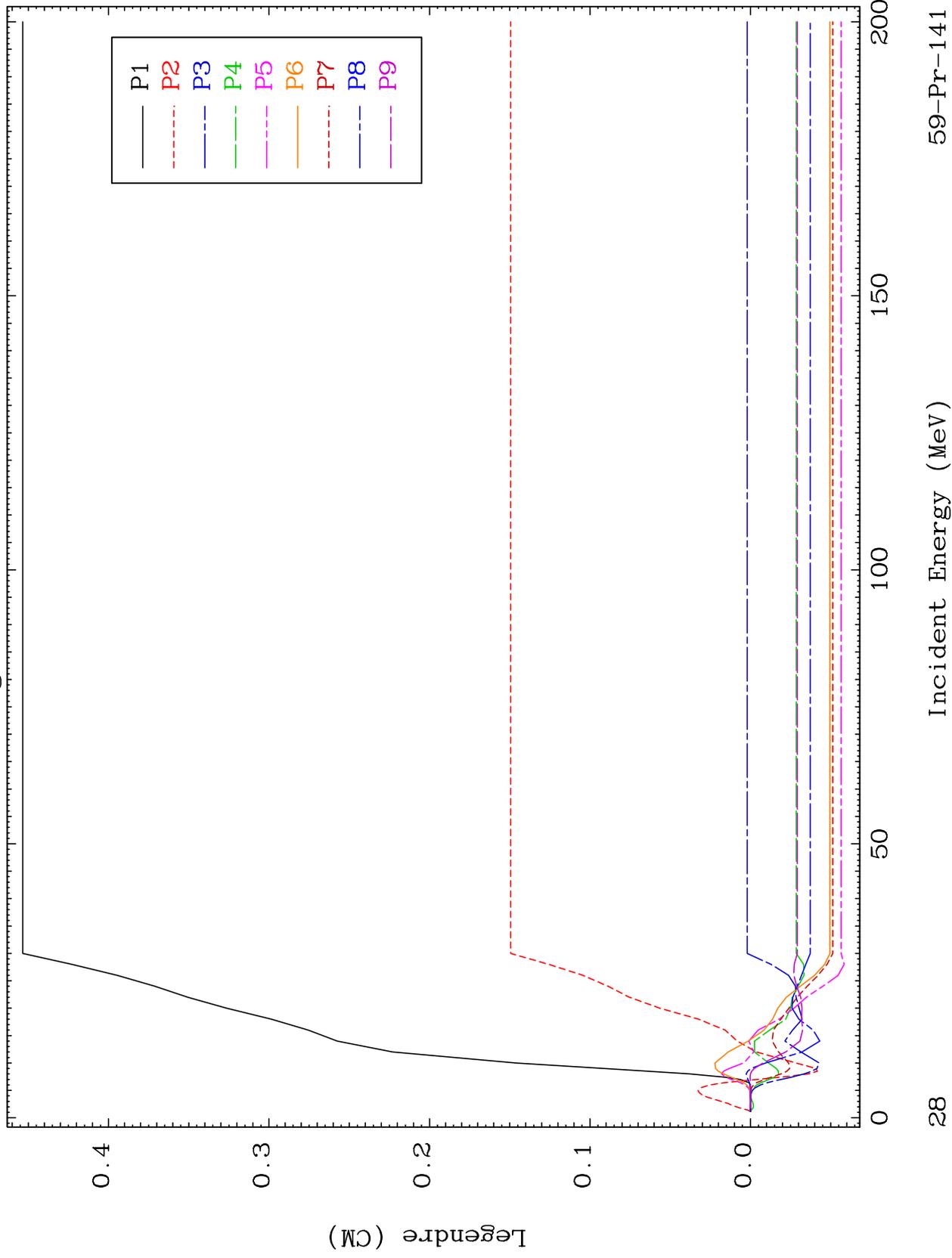




MAT 5925

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

59-Pr-141



59-Pr-141

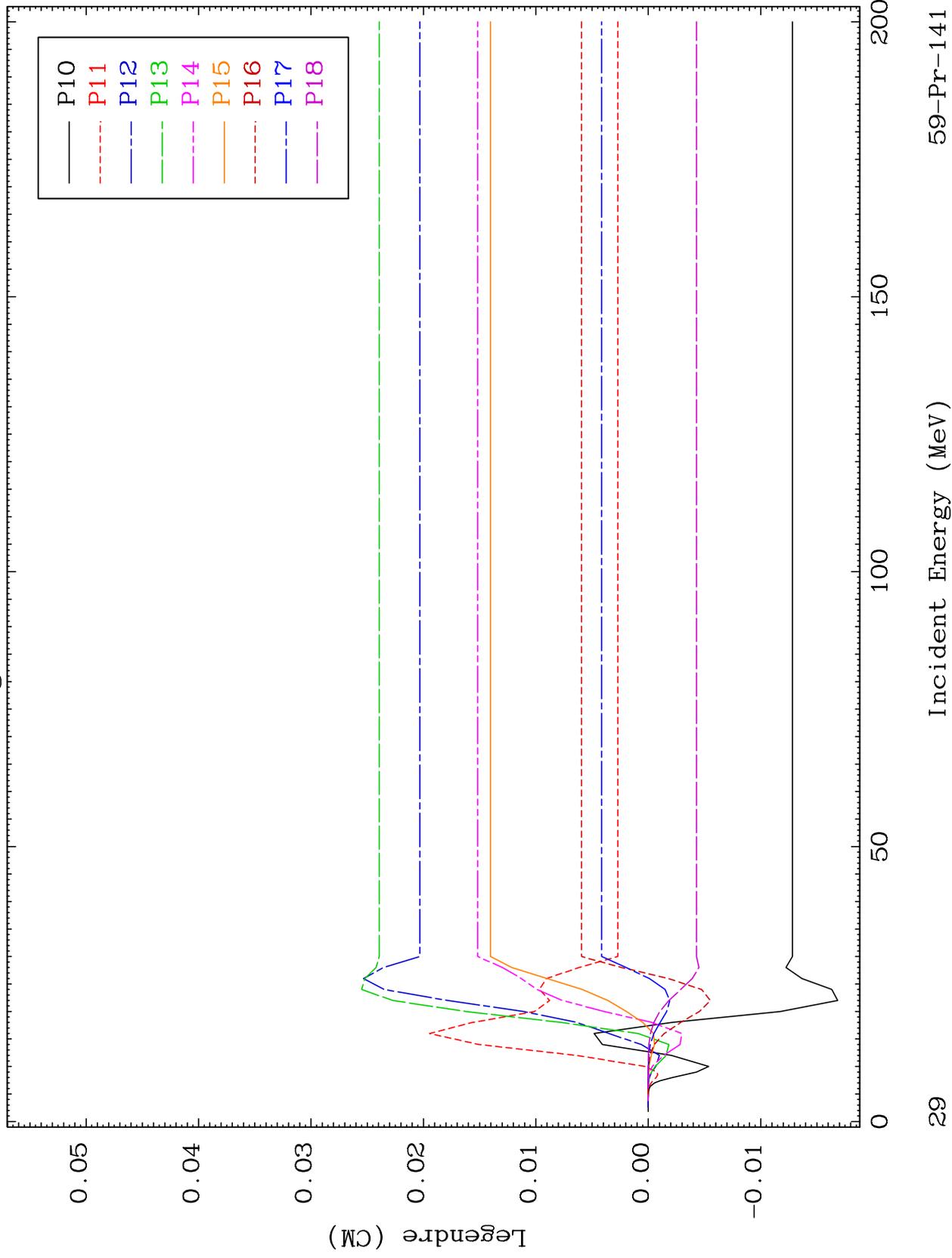
Incident Energy (MeV)

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MAT 5925

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

59-Pr-141



59-Pr-141

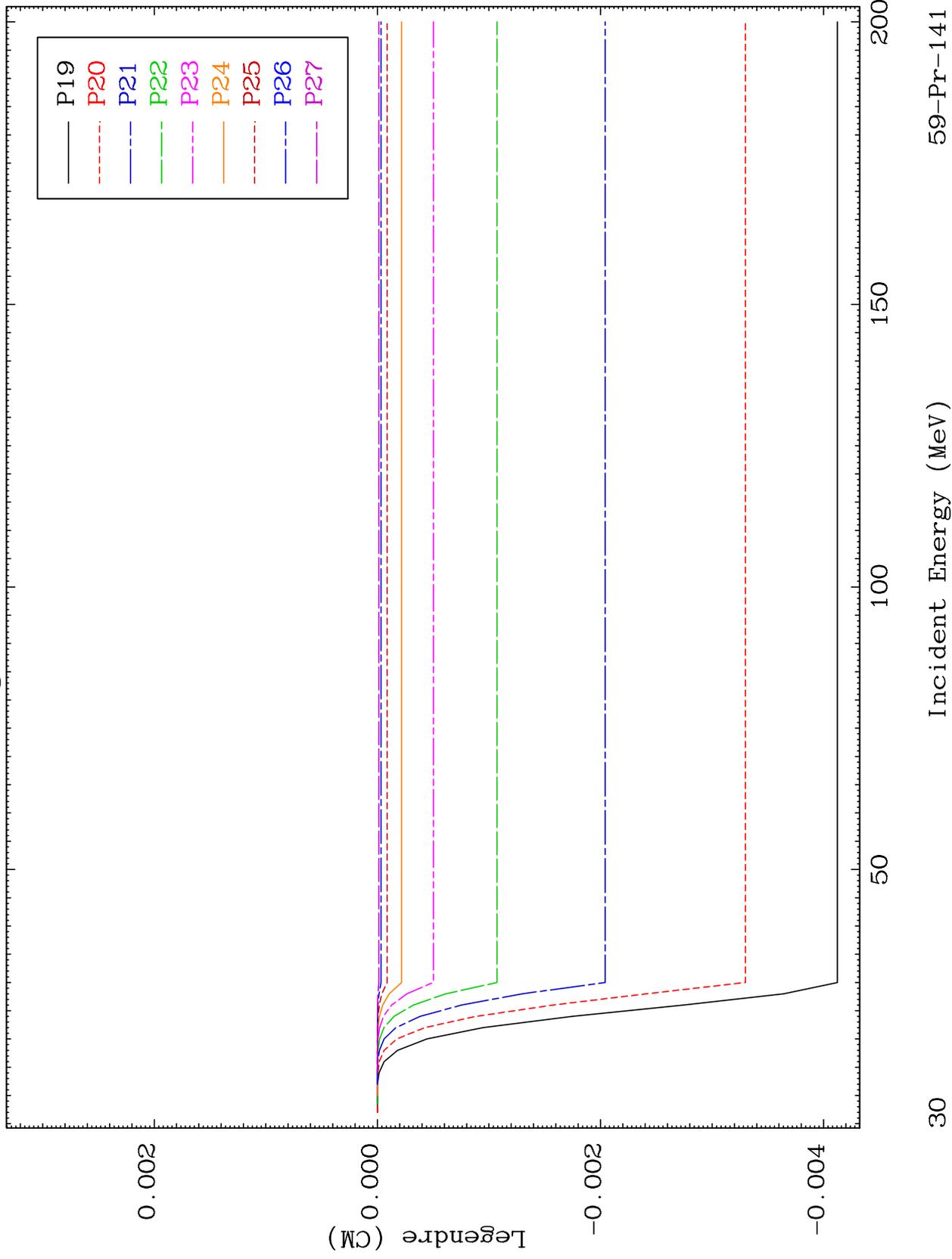
Incident Energy (MeV)

29

MAT 5925

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

59-Pr-141



59-Pr-141

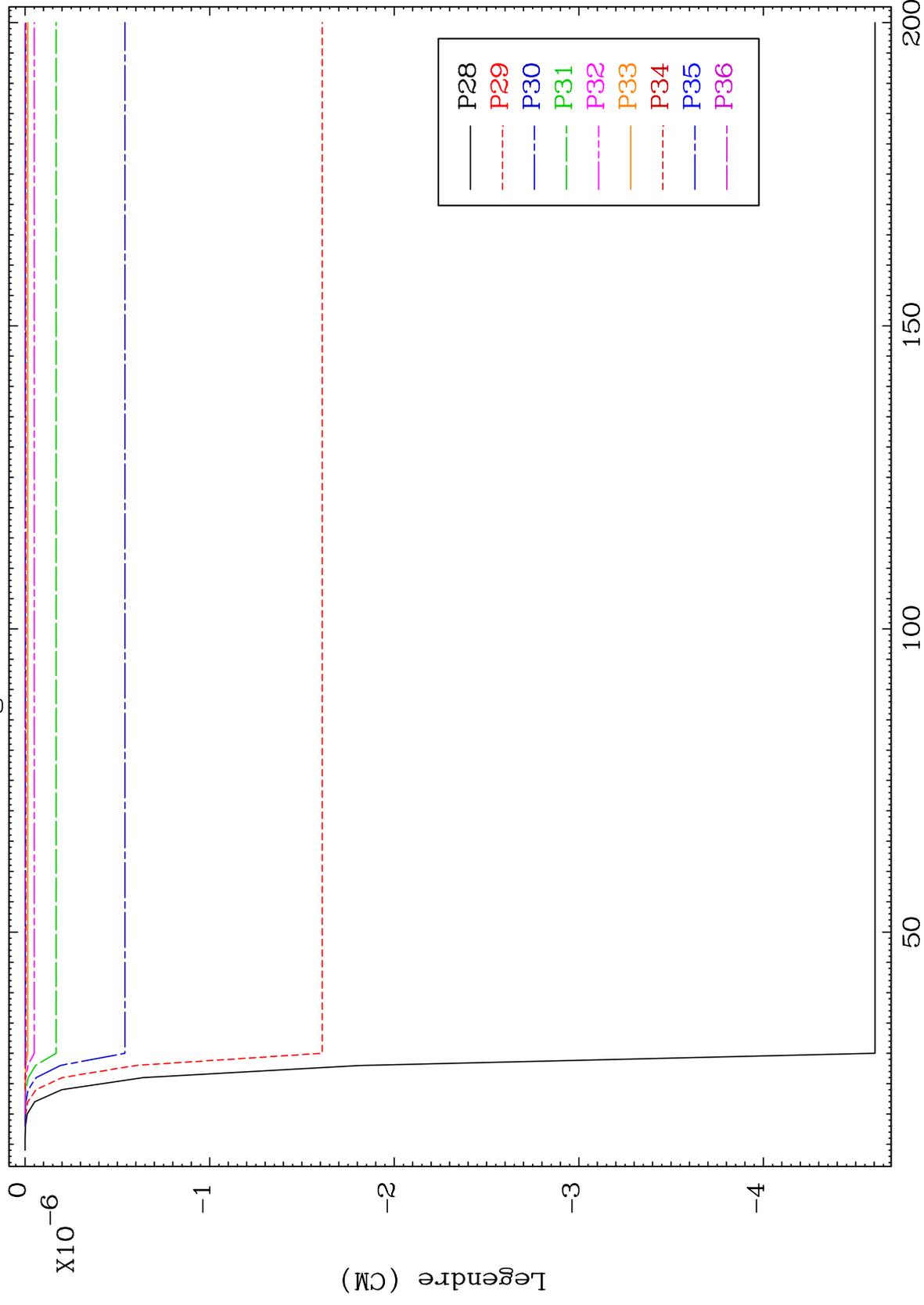
Incident Energy (MeV)

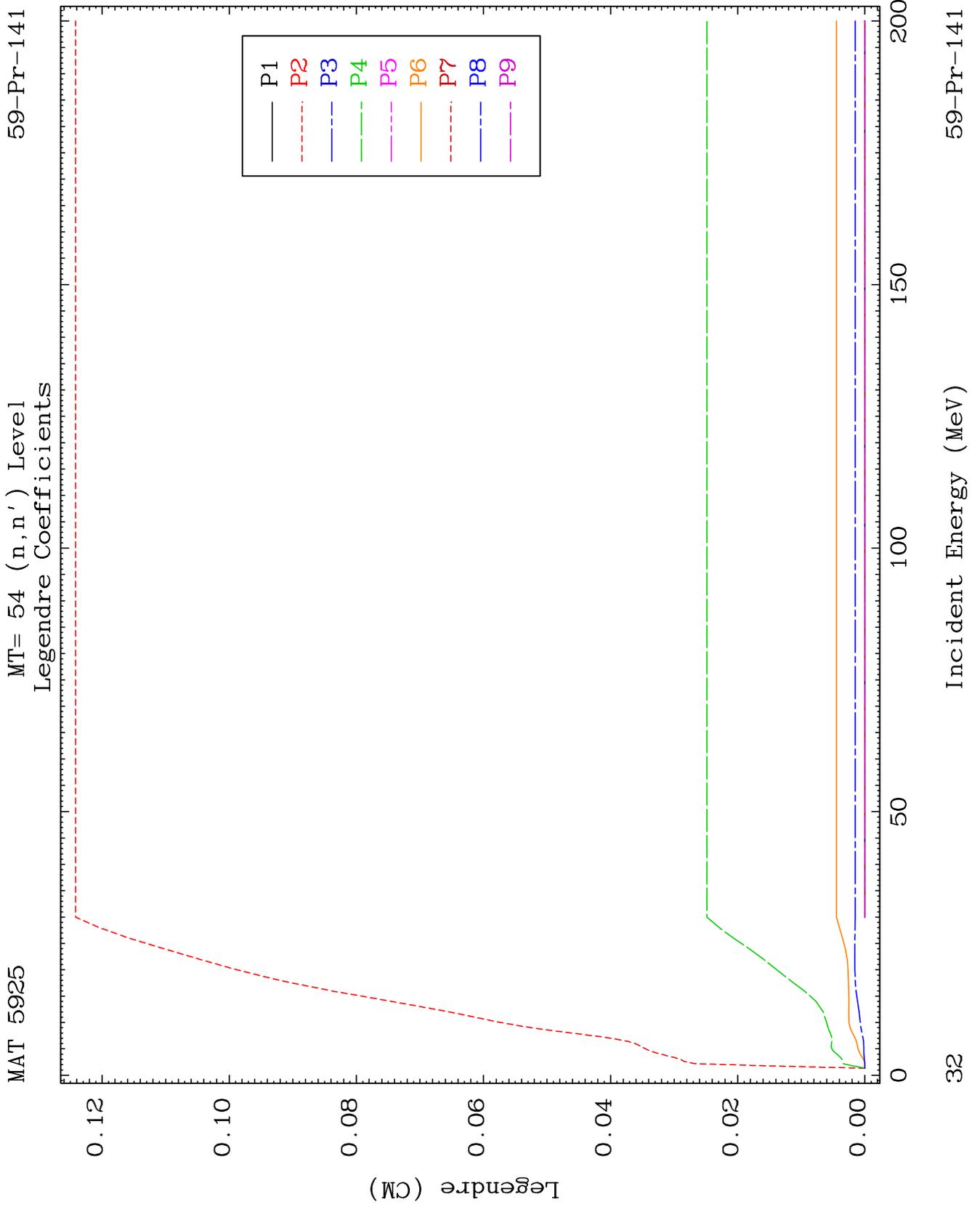
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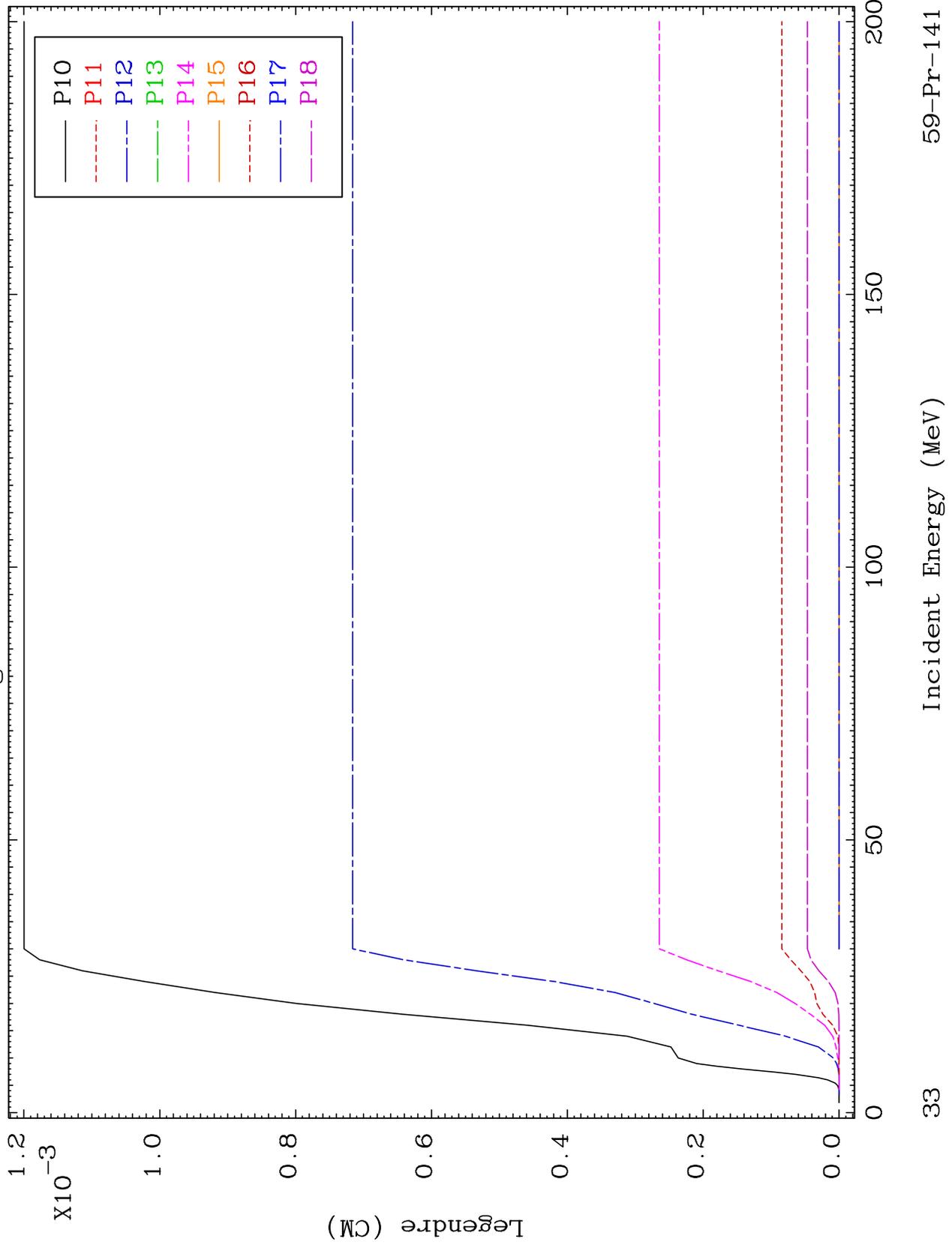
MAT 5925

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

59-Pr-141



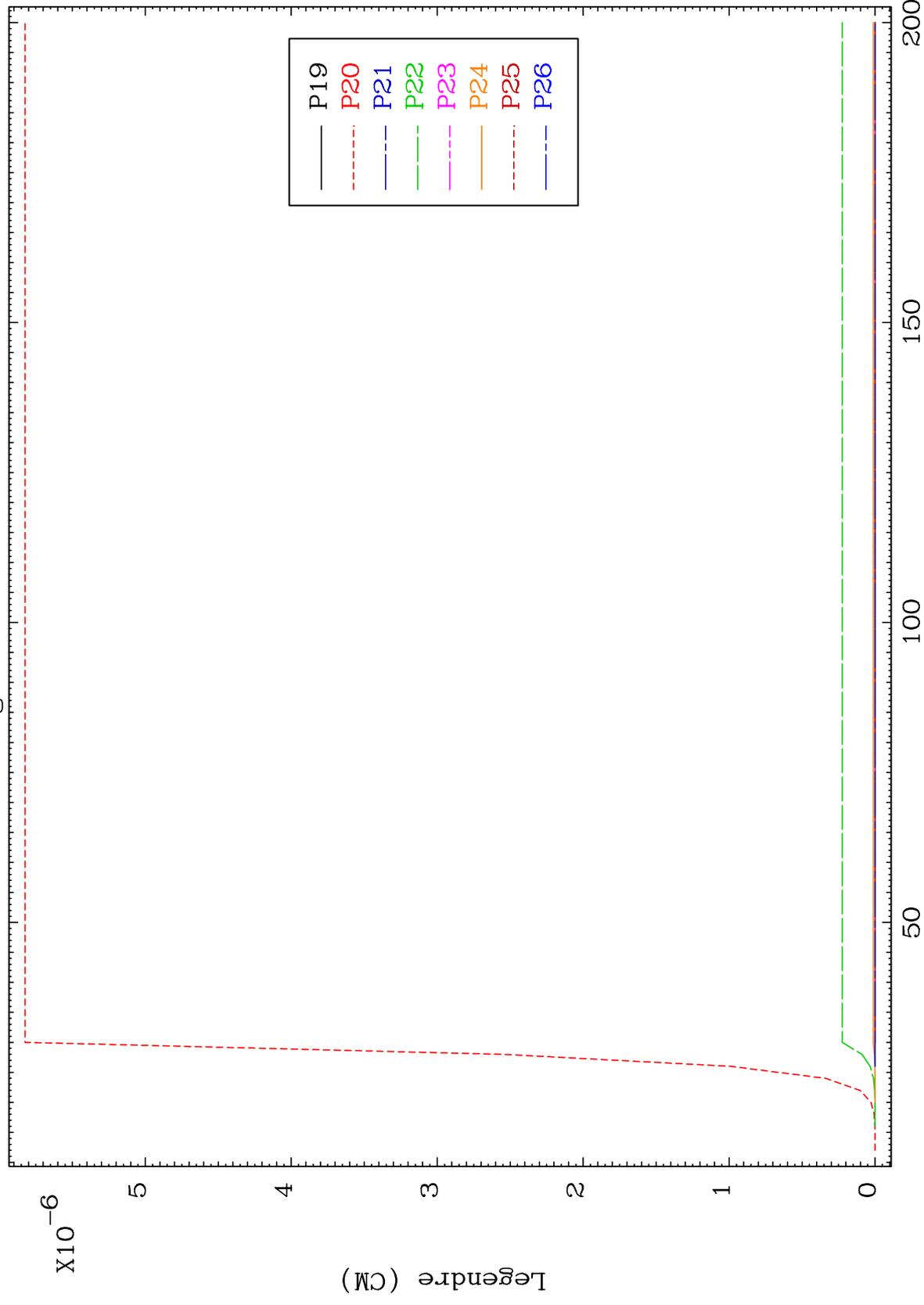




MAT 5925

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

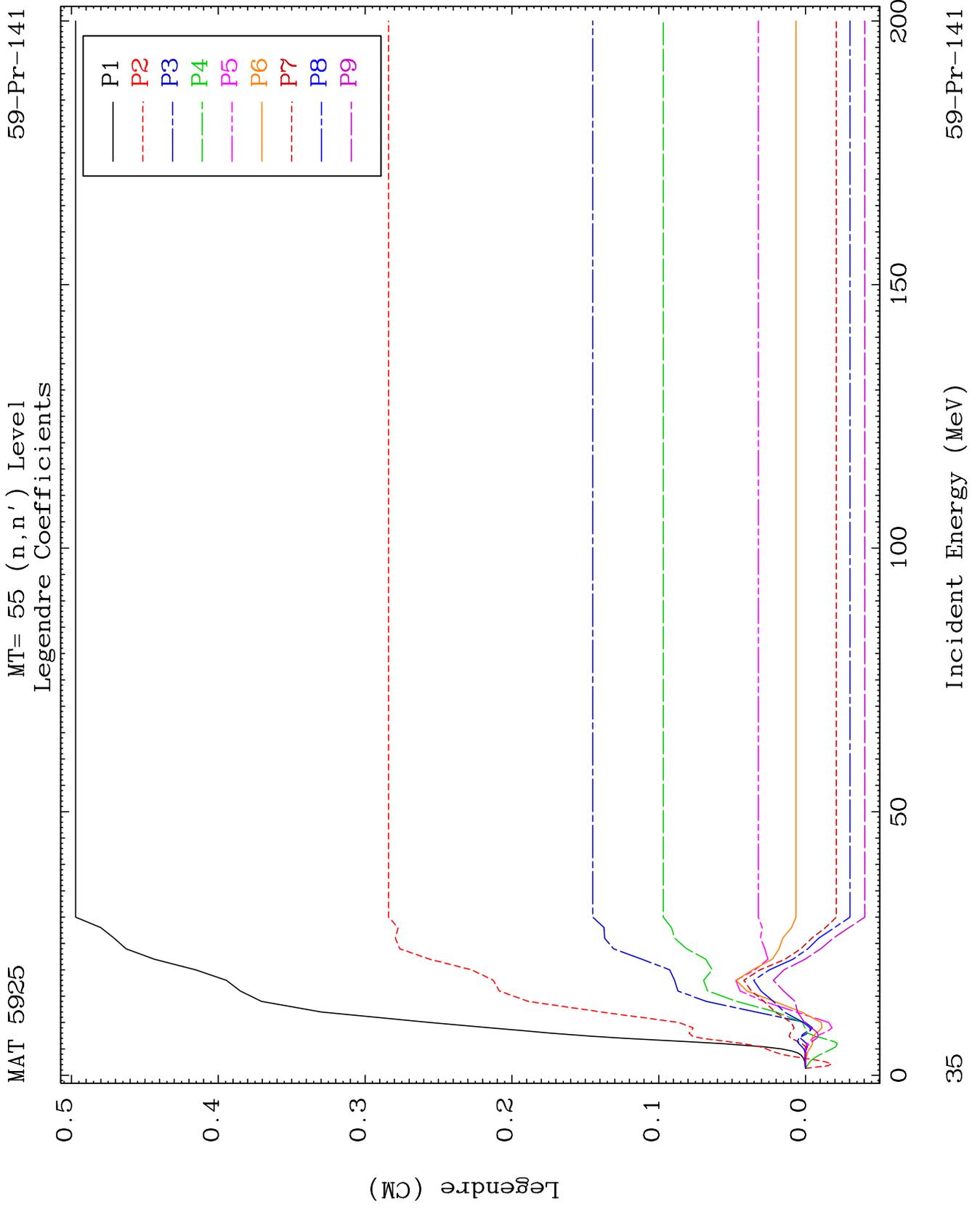
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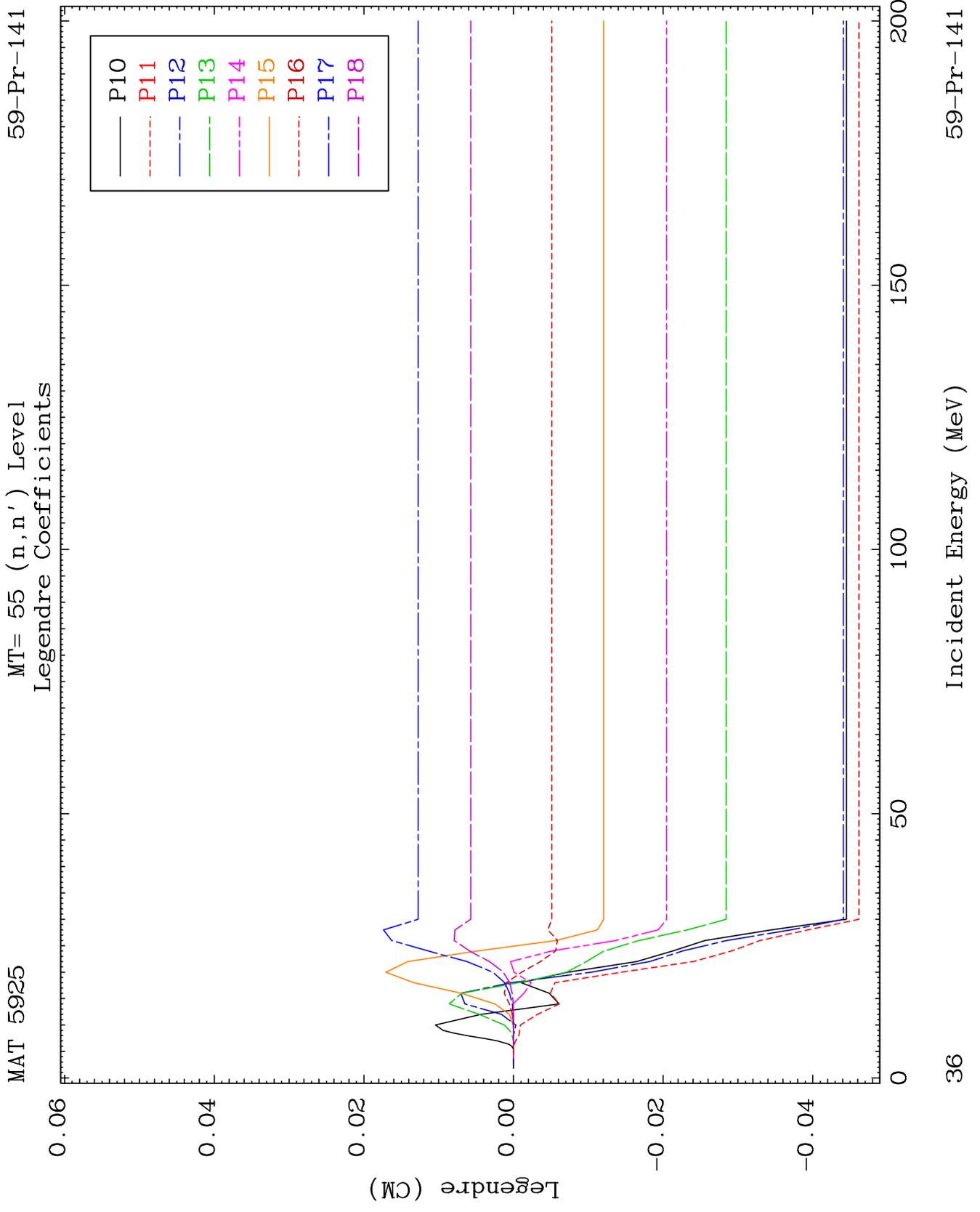


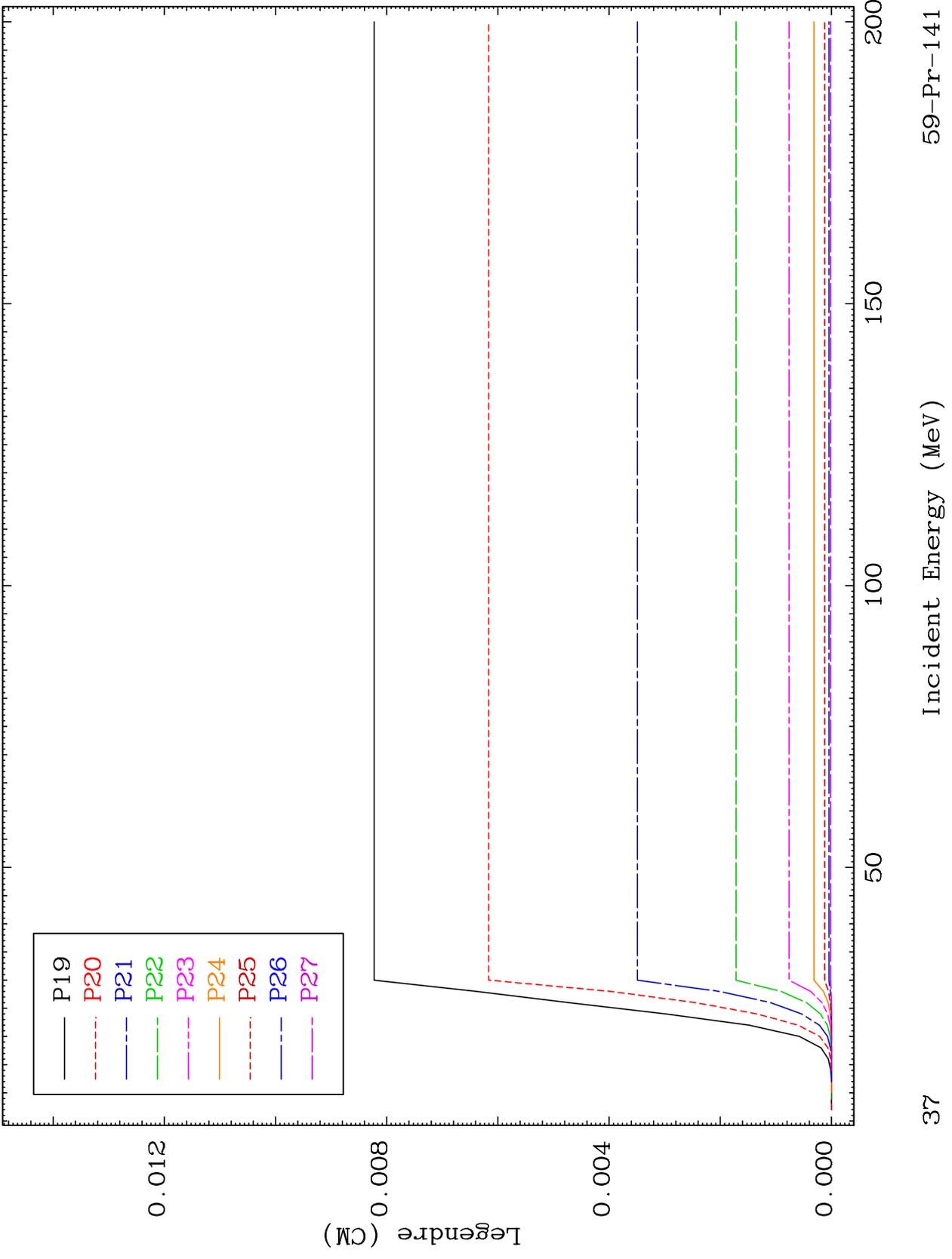
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Incident Energy (MeV)

59-Pr-141



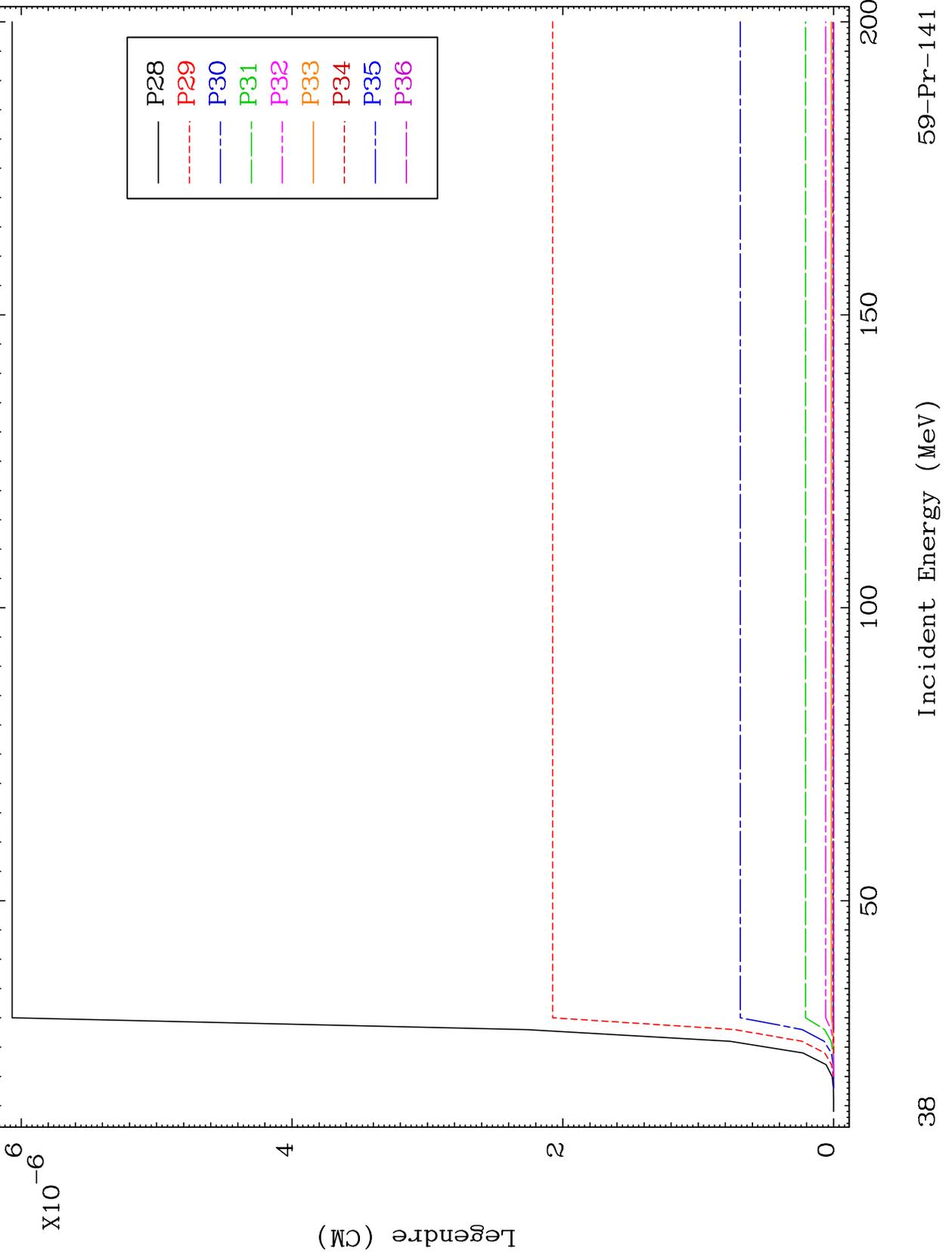




MAT 5925

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

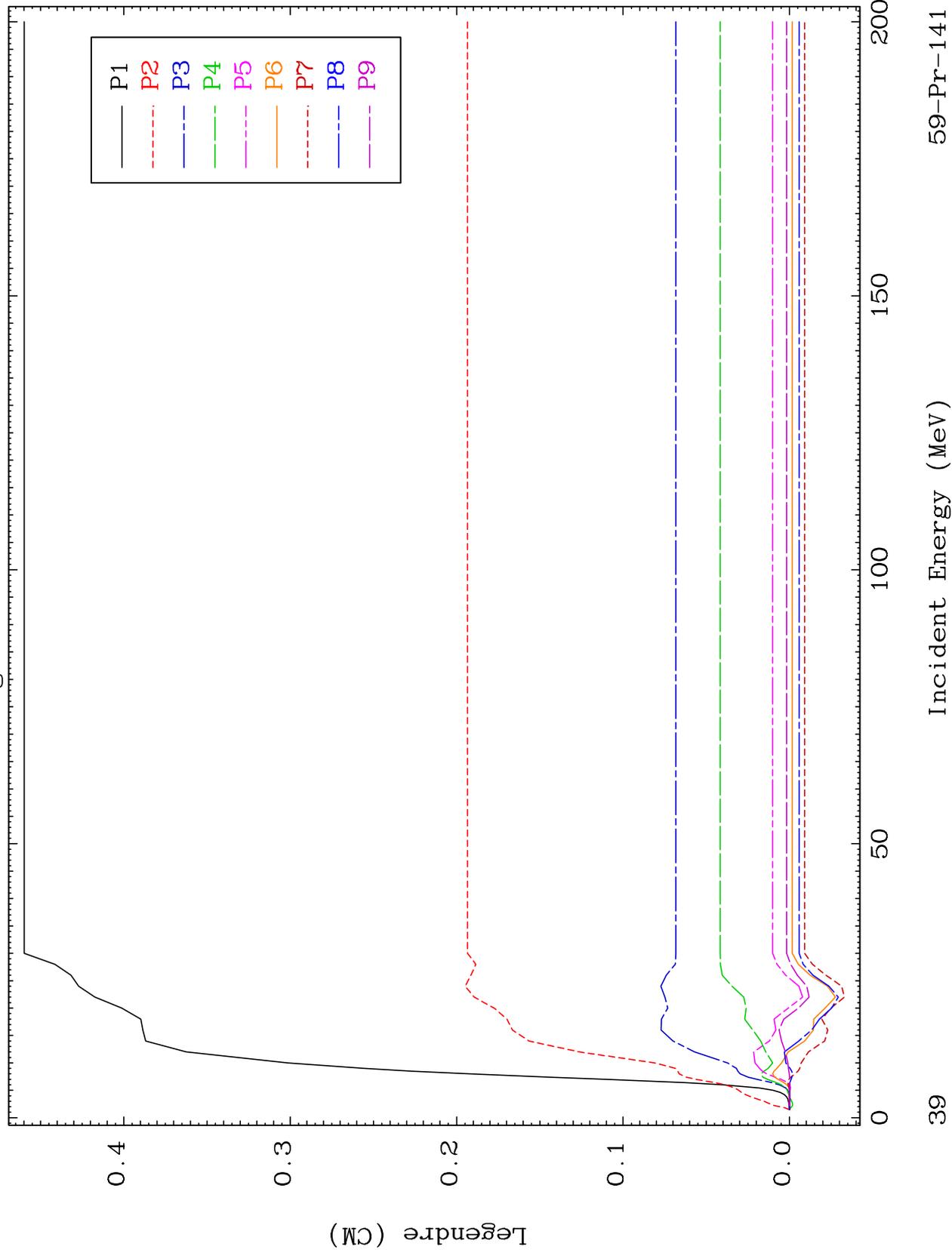
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MAT 5925

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

59-Pr-141



59-Pr-141

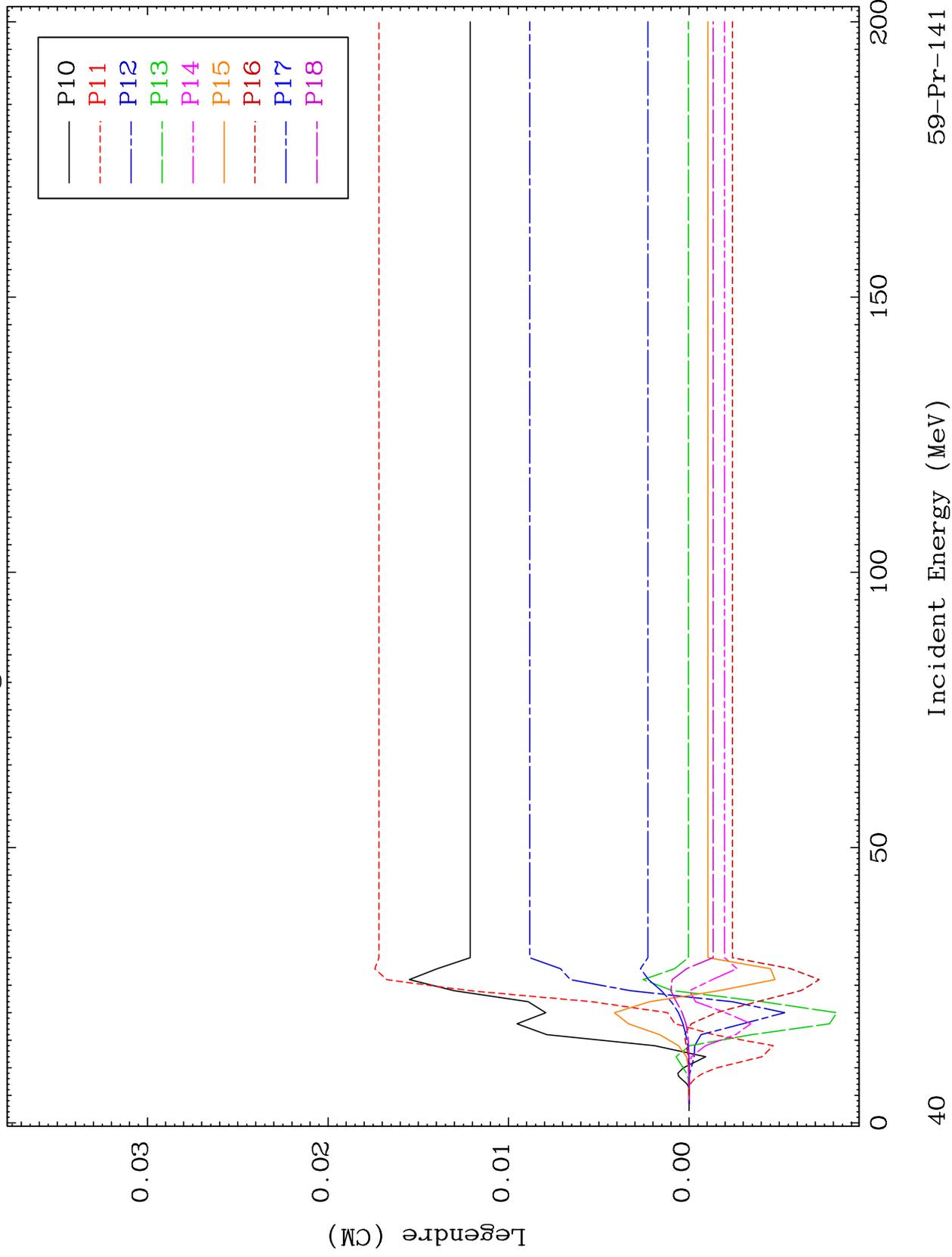
Incident Energy (MeV)

39

MAT 5925

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

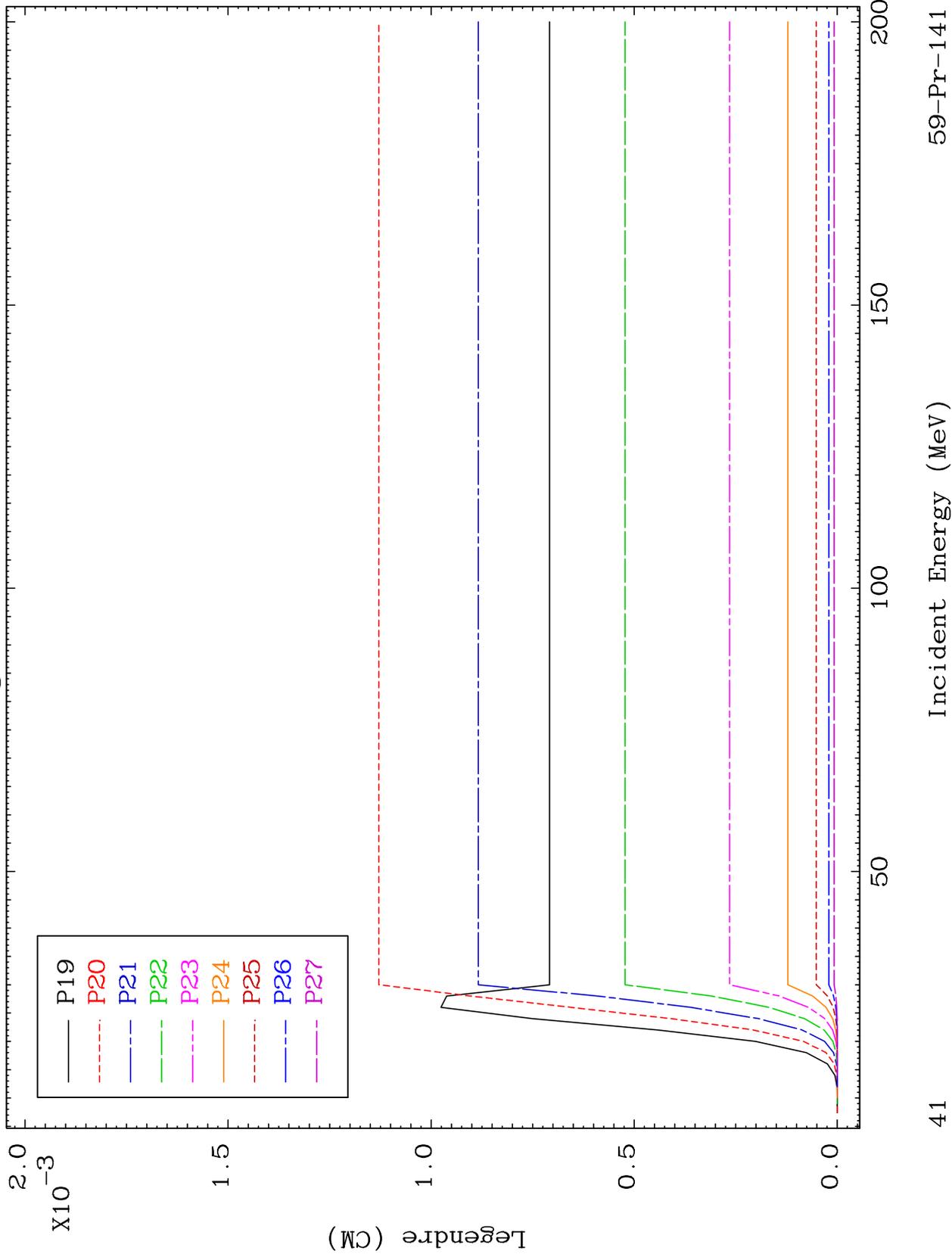
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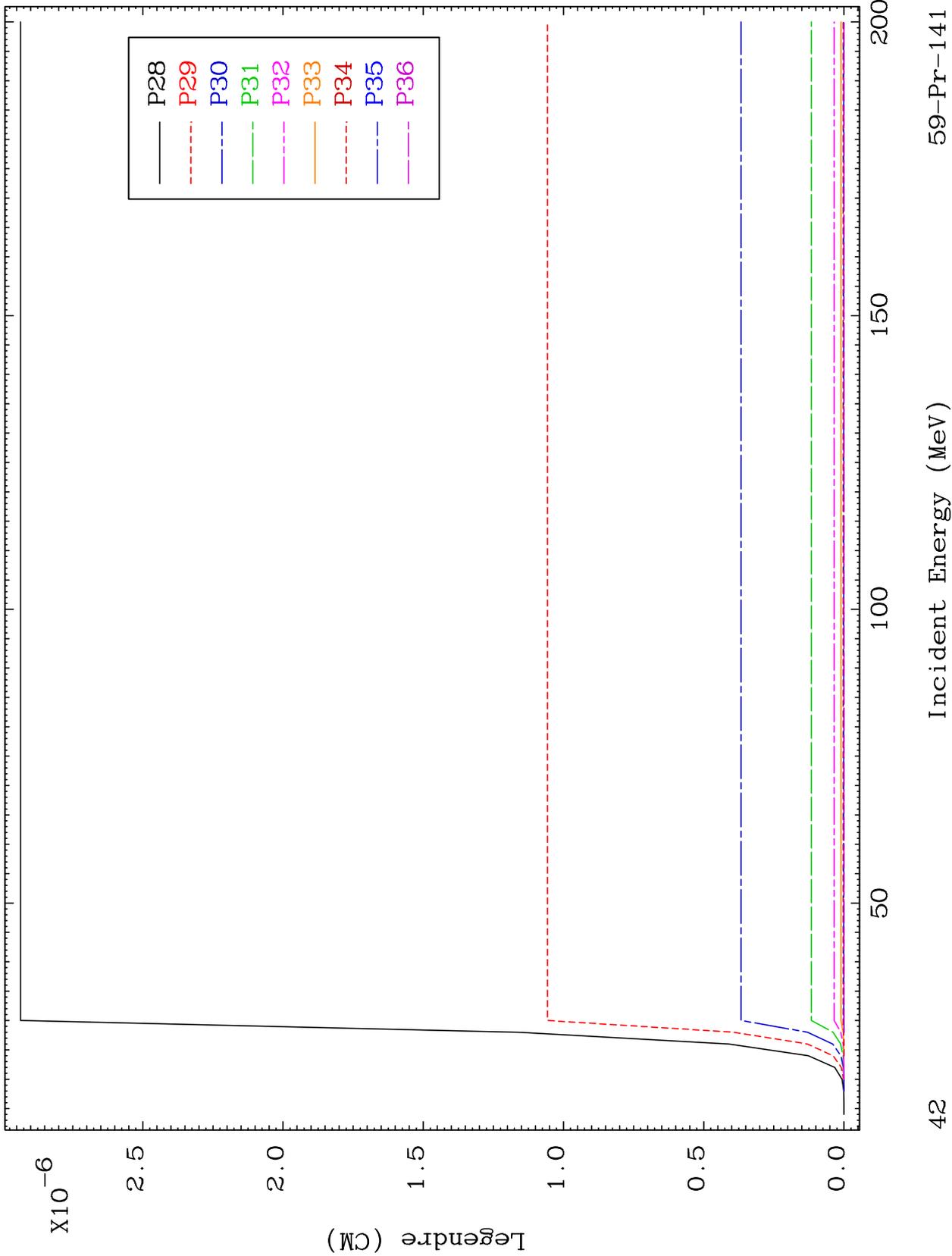


59-Pr-141

Incident Energy (MeV)

40

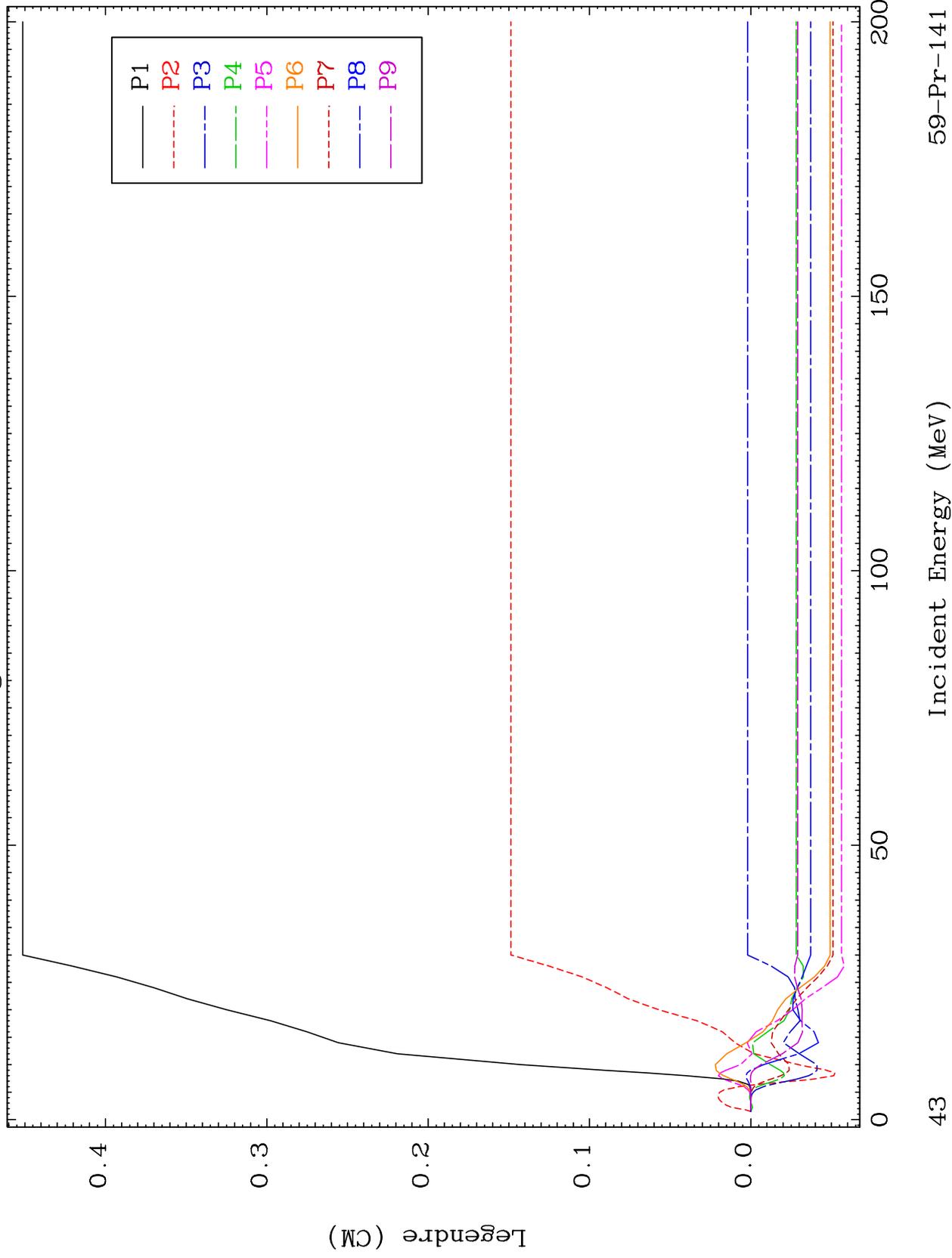




MAT 5925

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

59-Pr-141



59-Pr-141

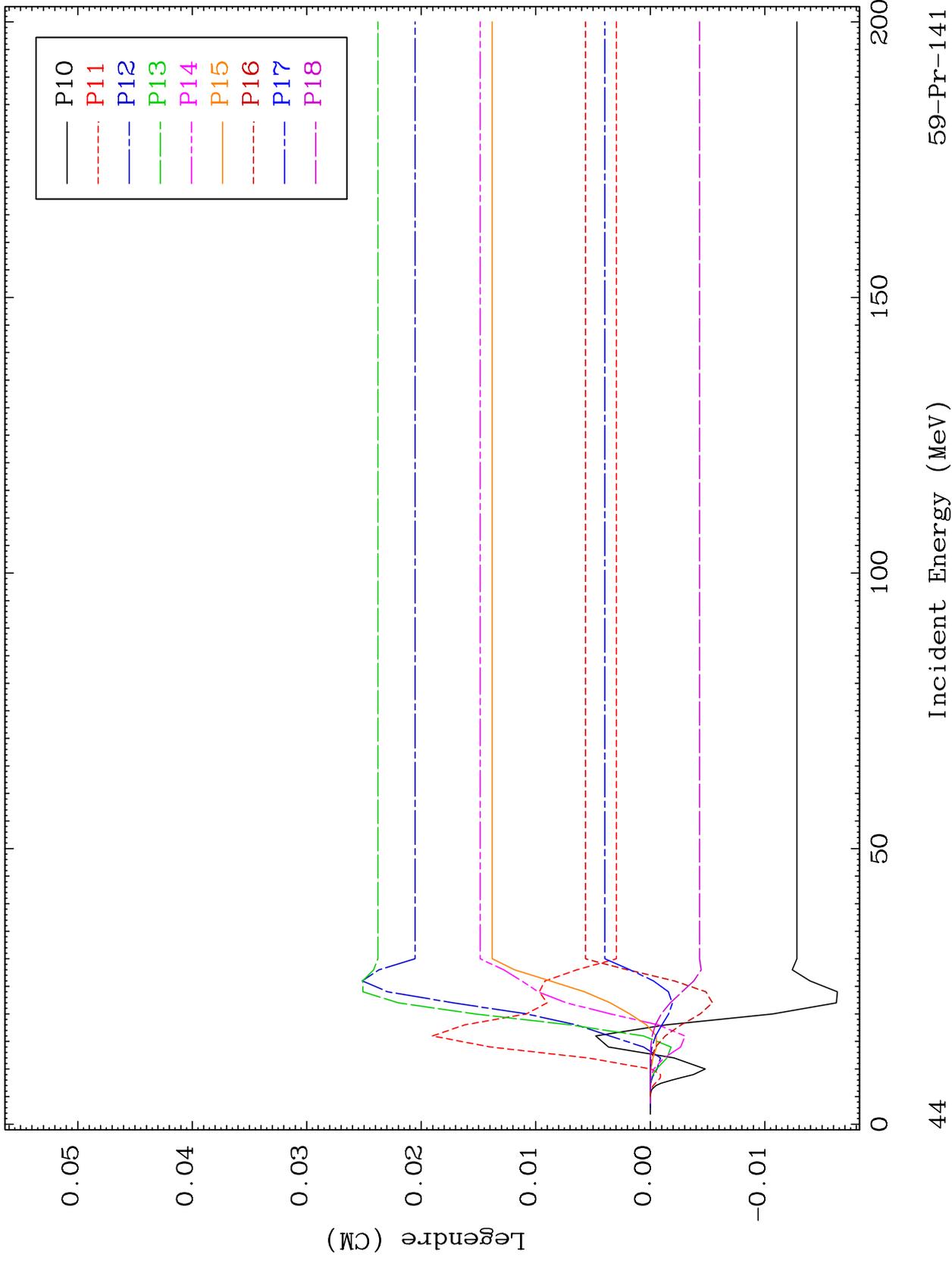
Incident Energy (MeV)

43

MAT 5925

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

59-Pr-141



59-Pr-141

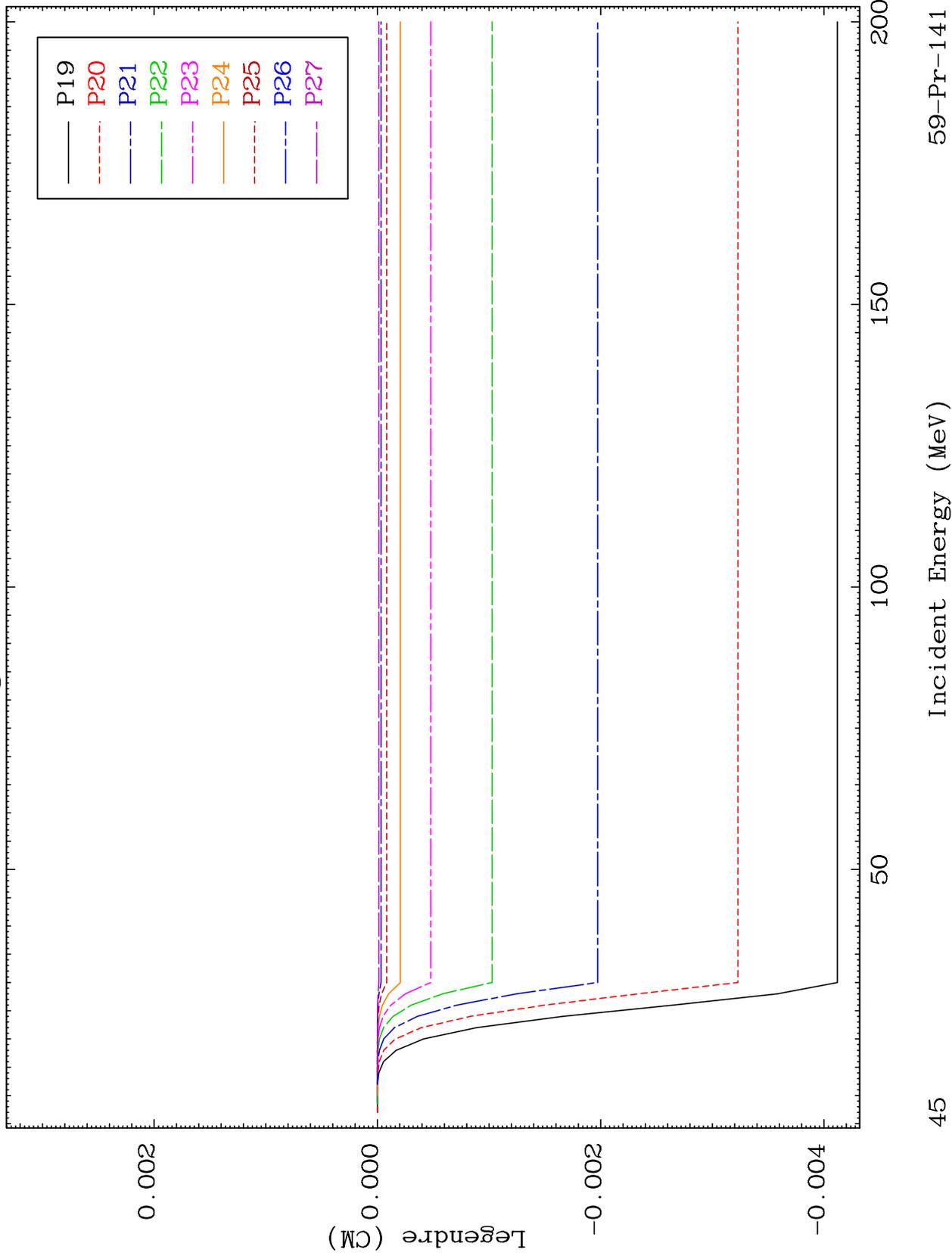
Incident Energy (MeV)

44

MAT 5925

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

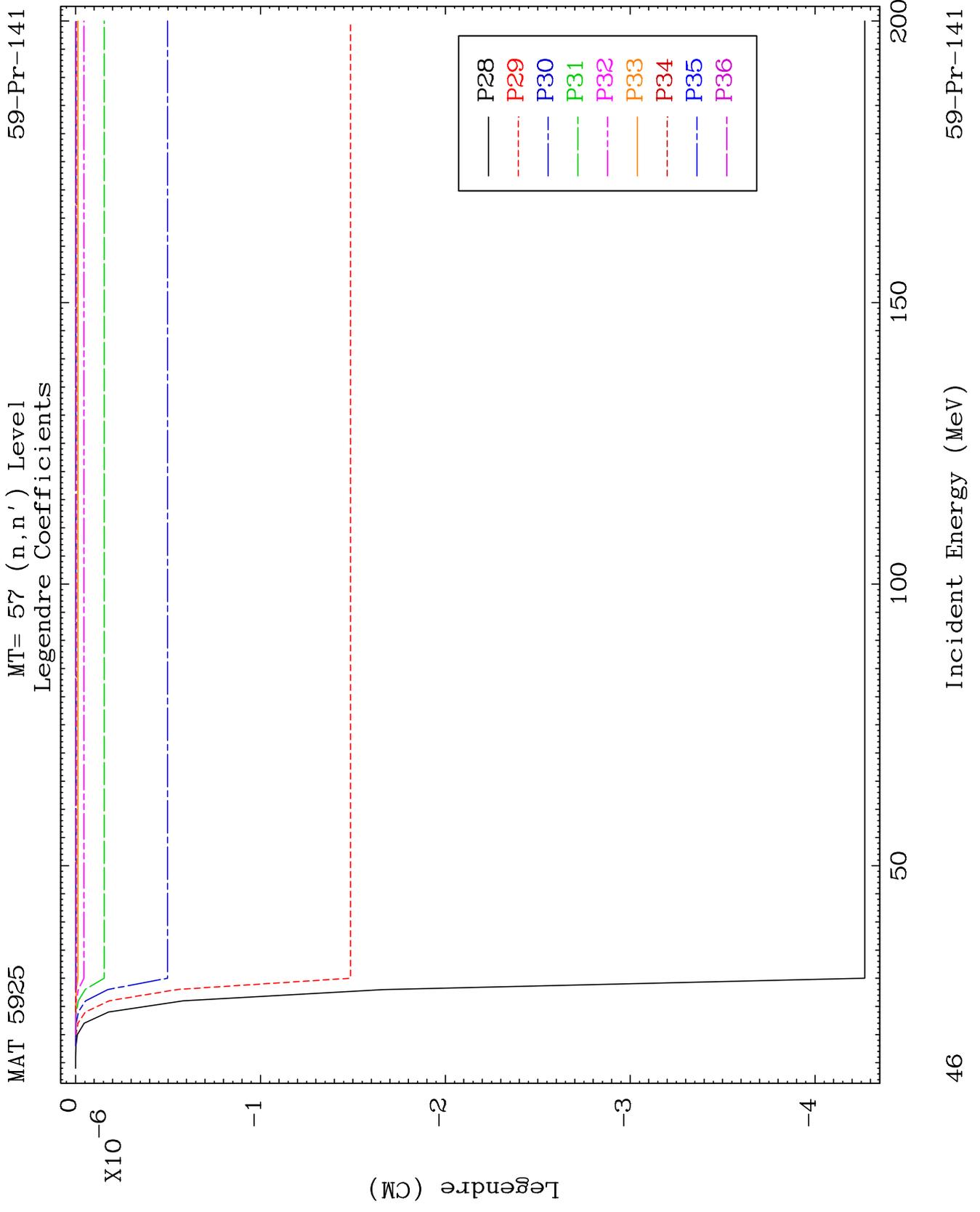
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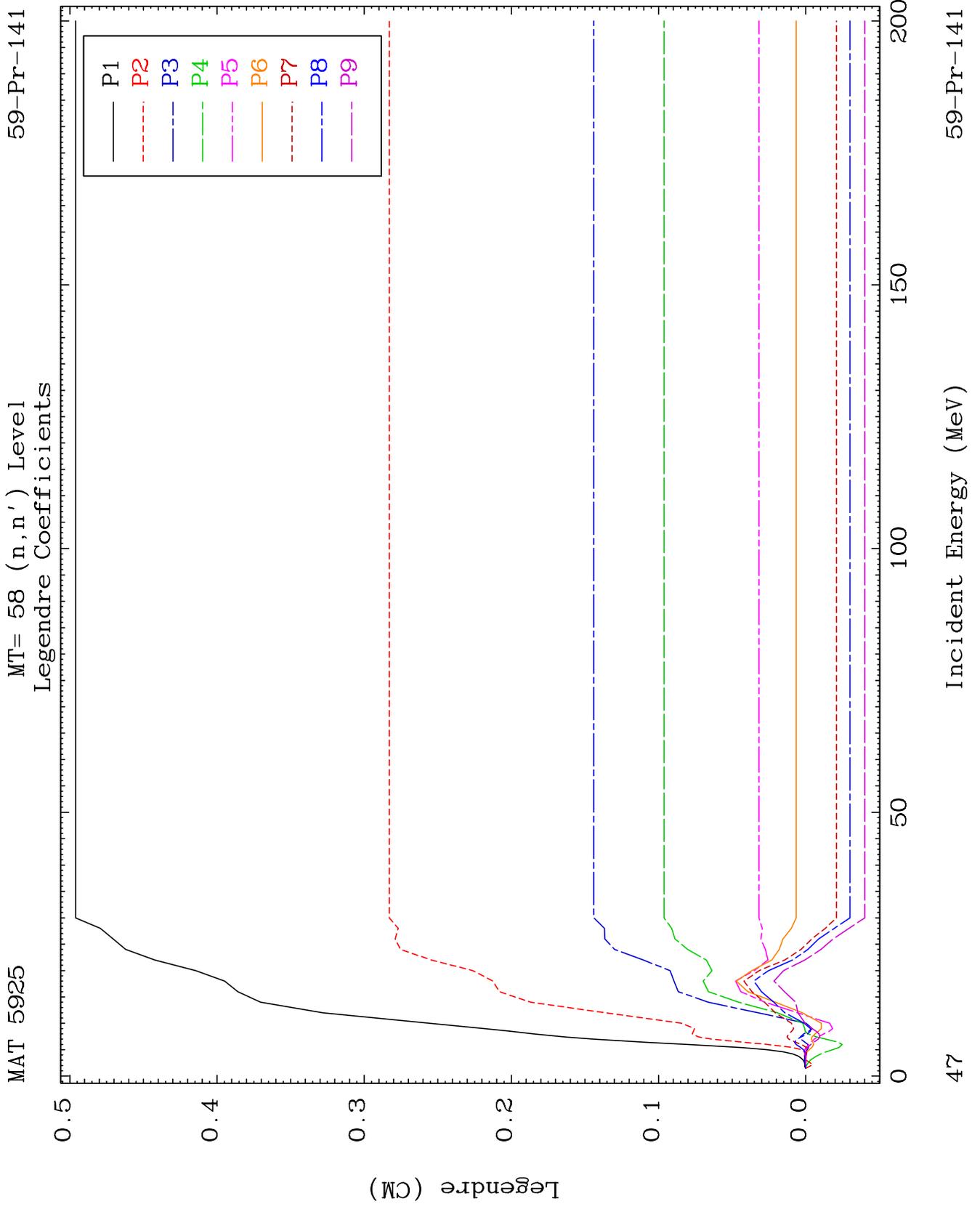


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Incident Energy (MeV)

45

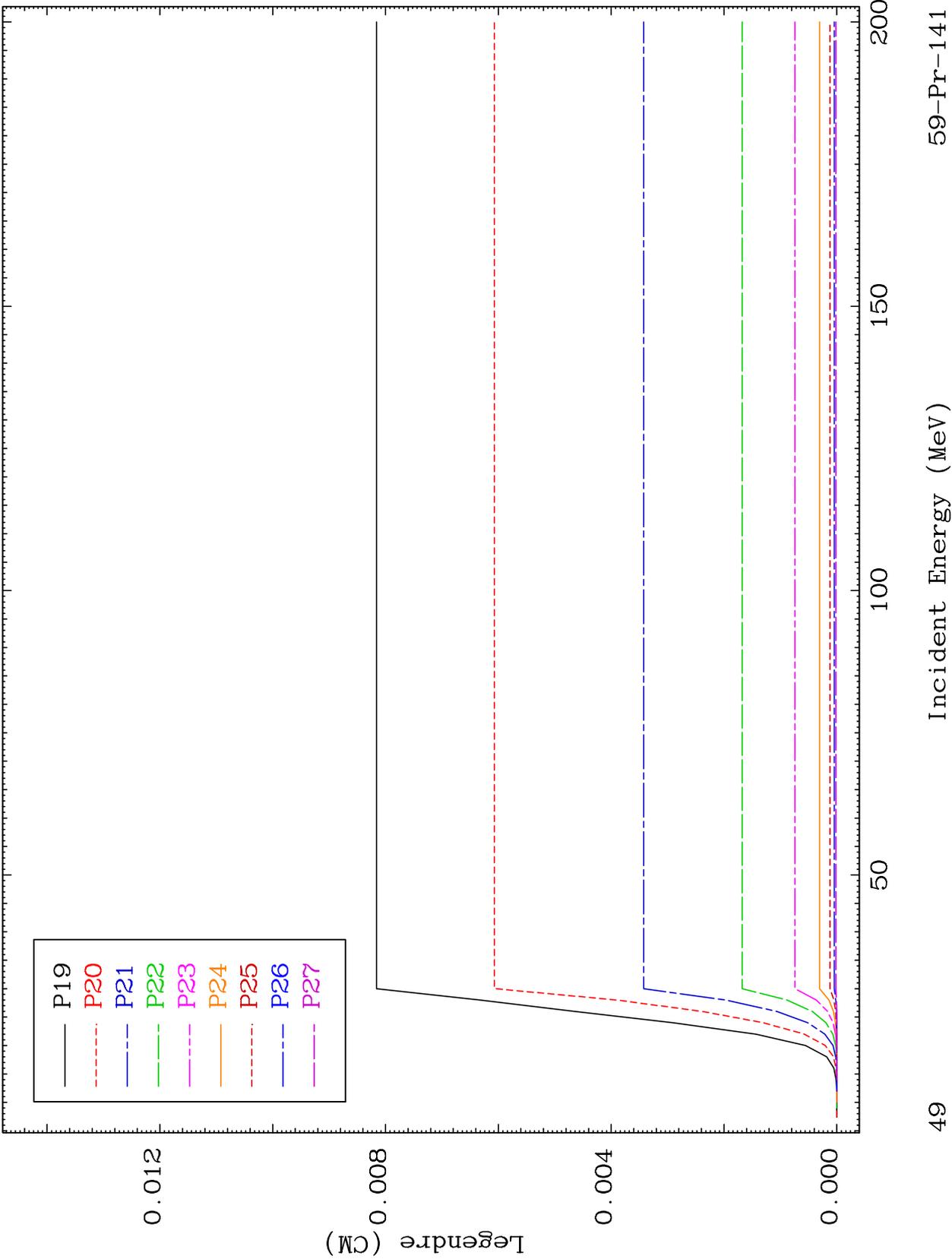




MAT 5925

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

59-Pr-141



49

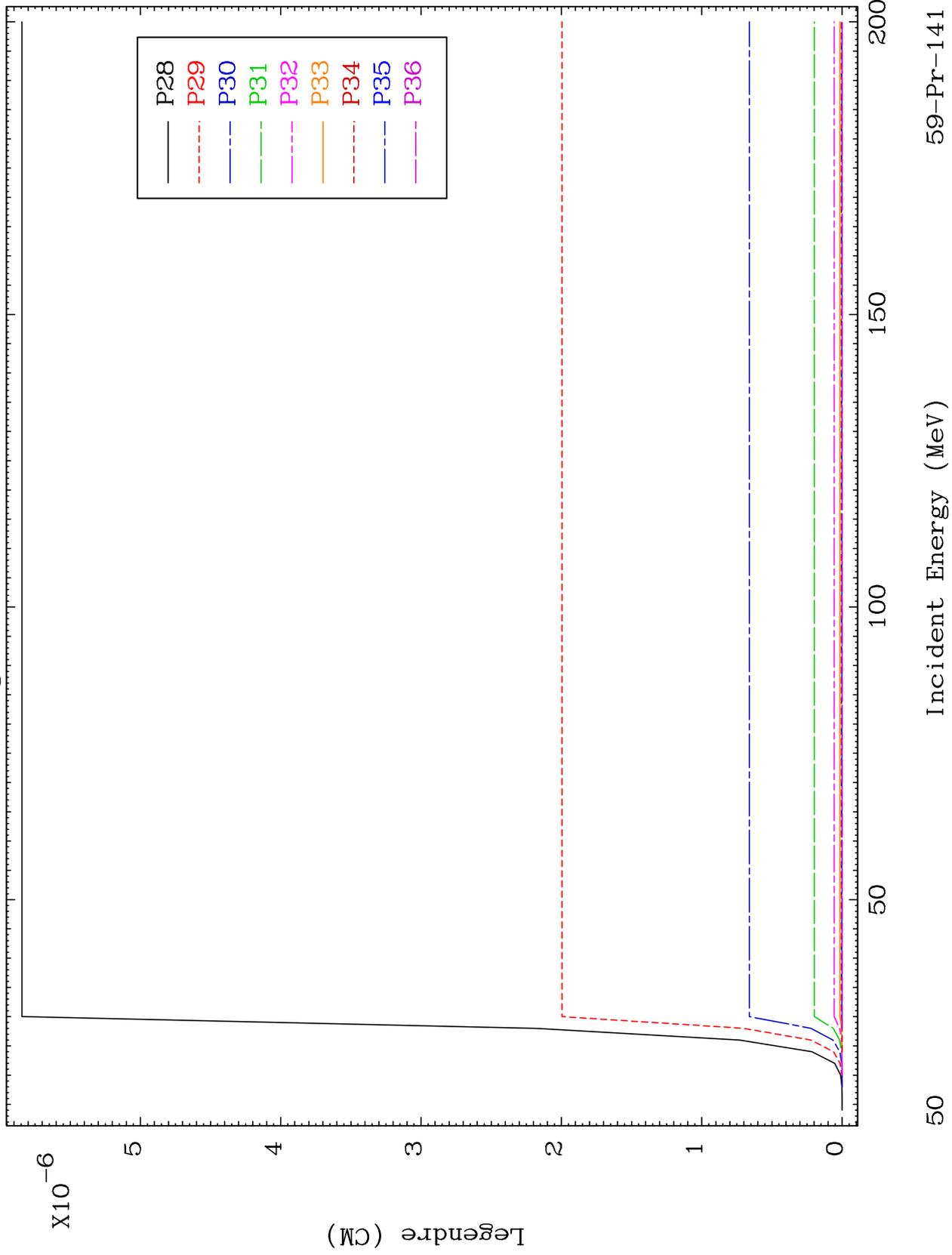
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

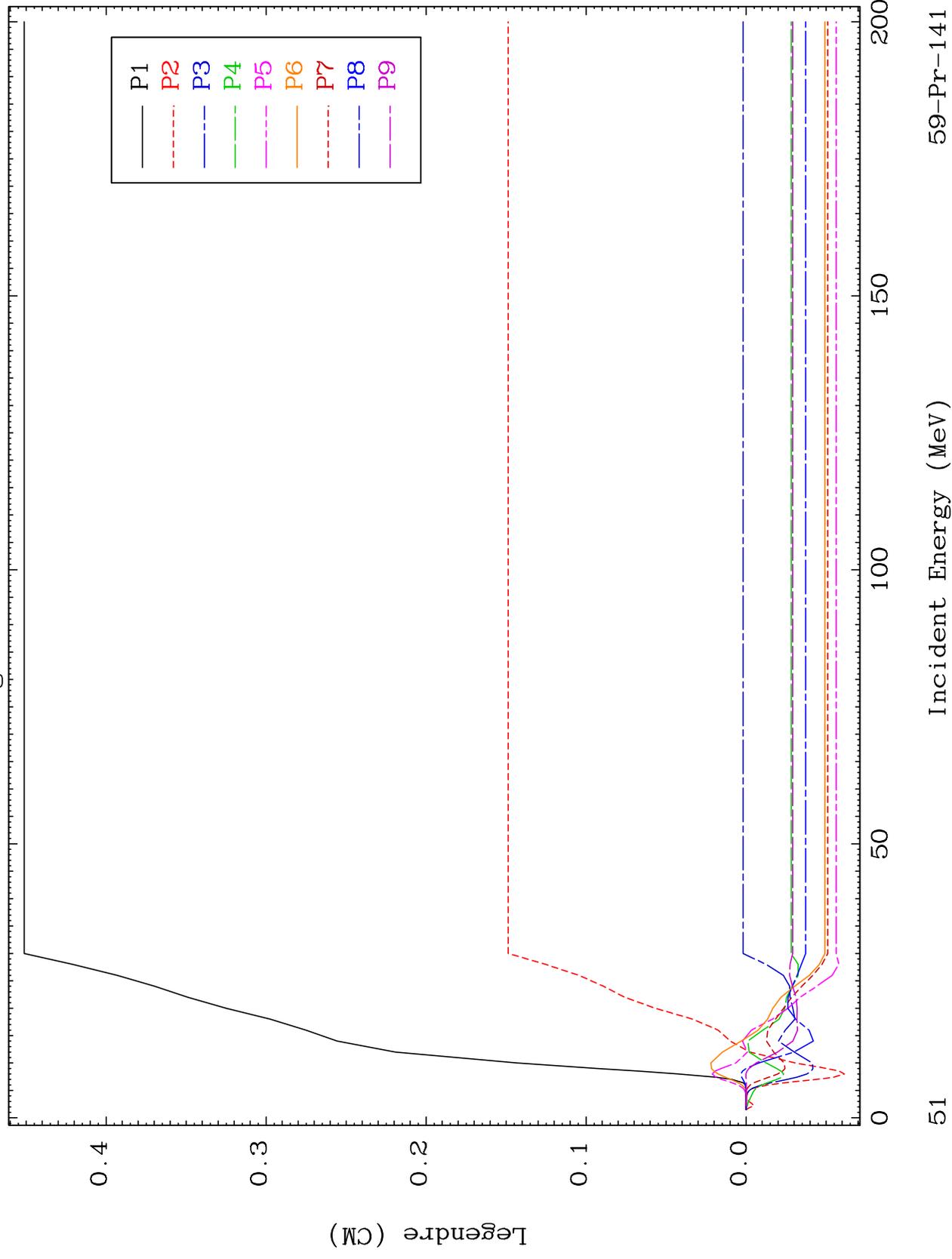
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MAT 5925

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

59-Pr-141



51

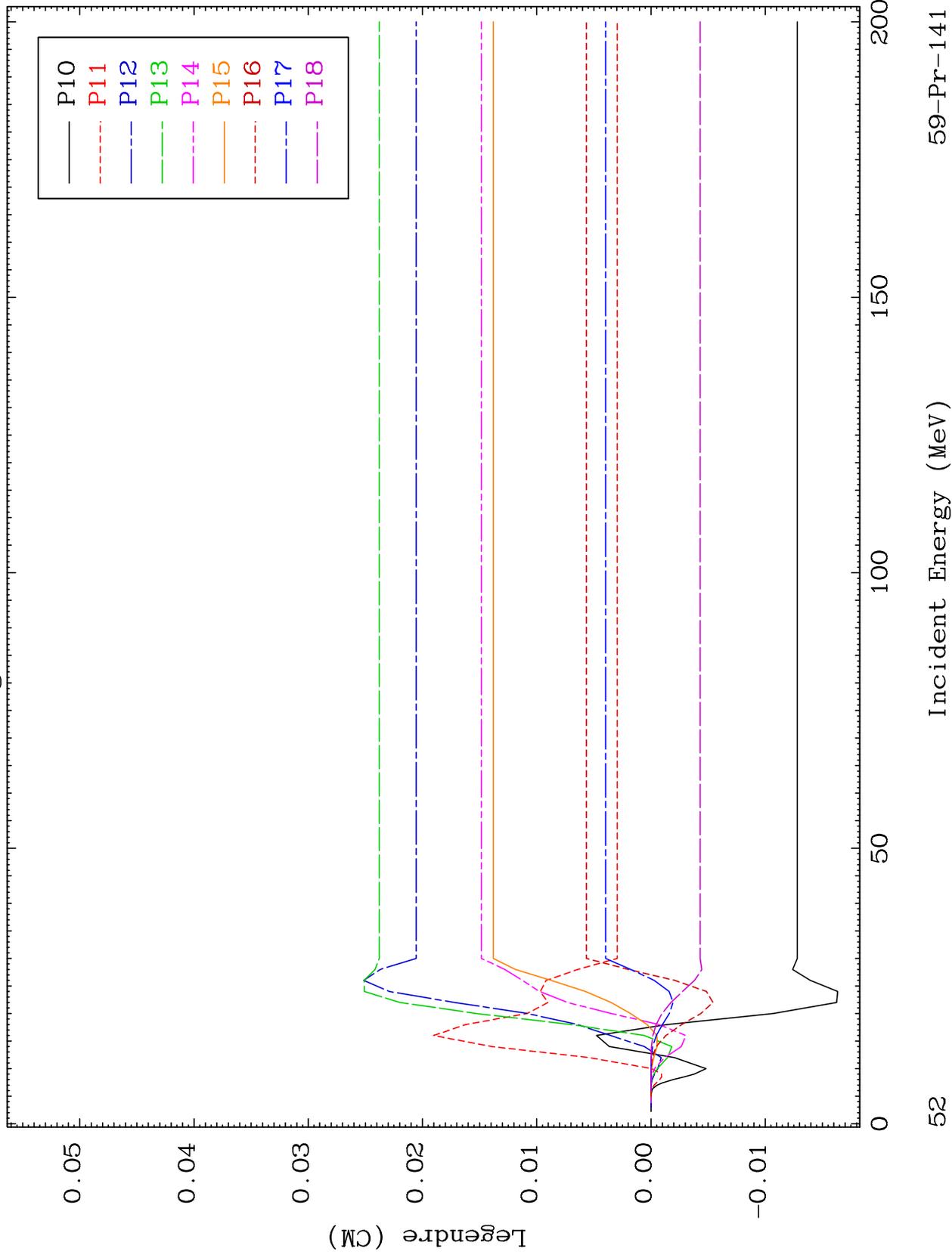
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

59-Pr-141



59-Pr-141

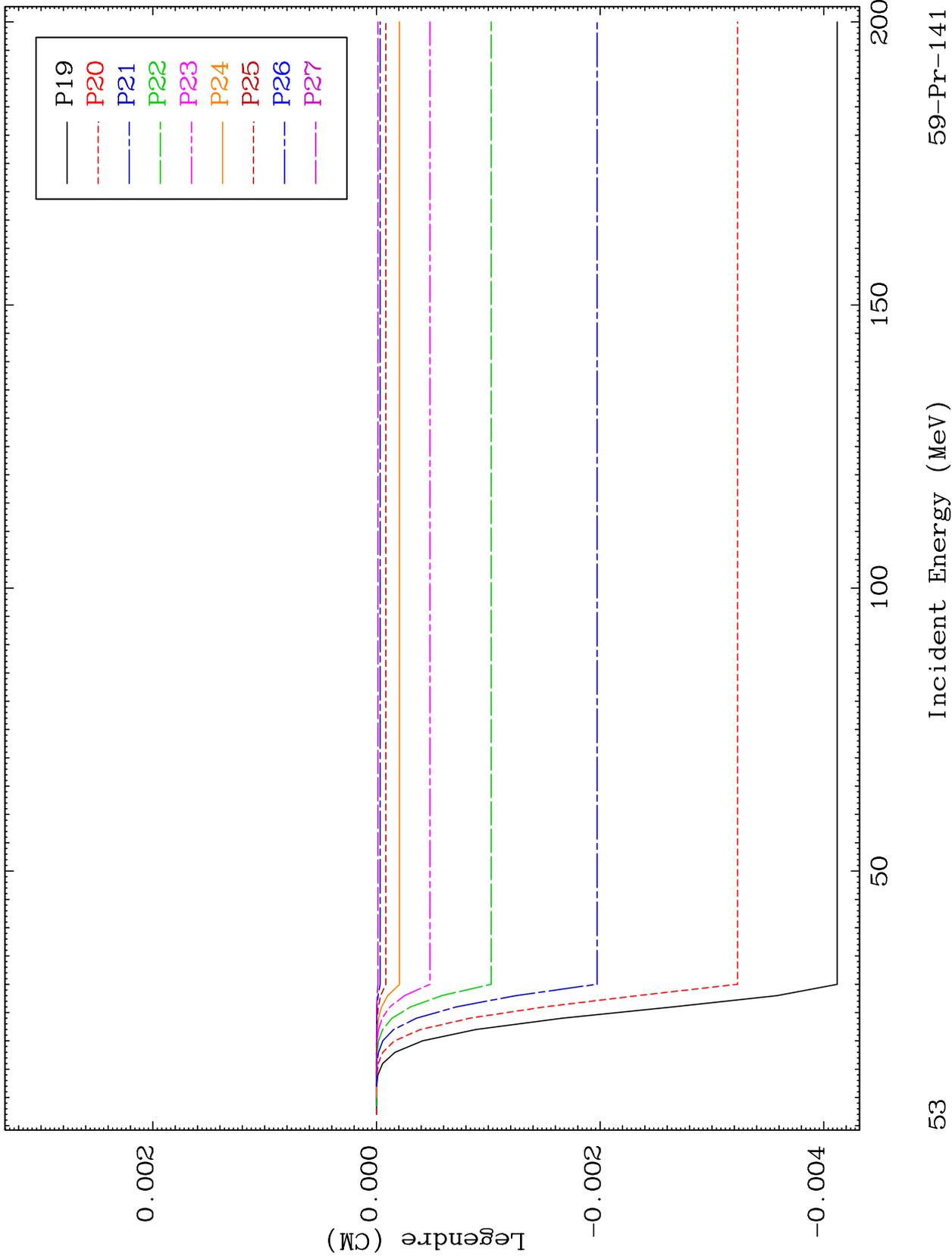
Incident Energy (MeV)

52

MAT 5925

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

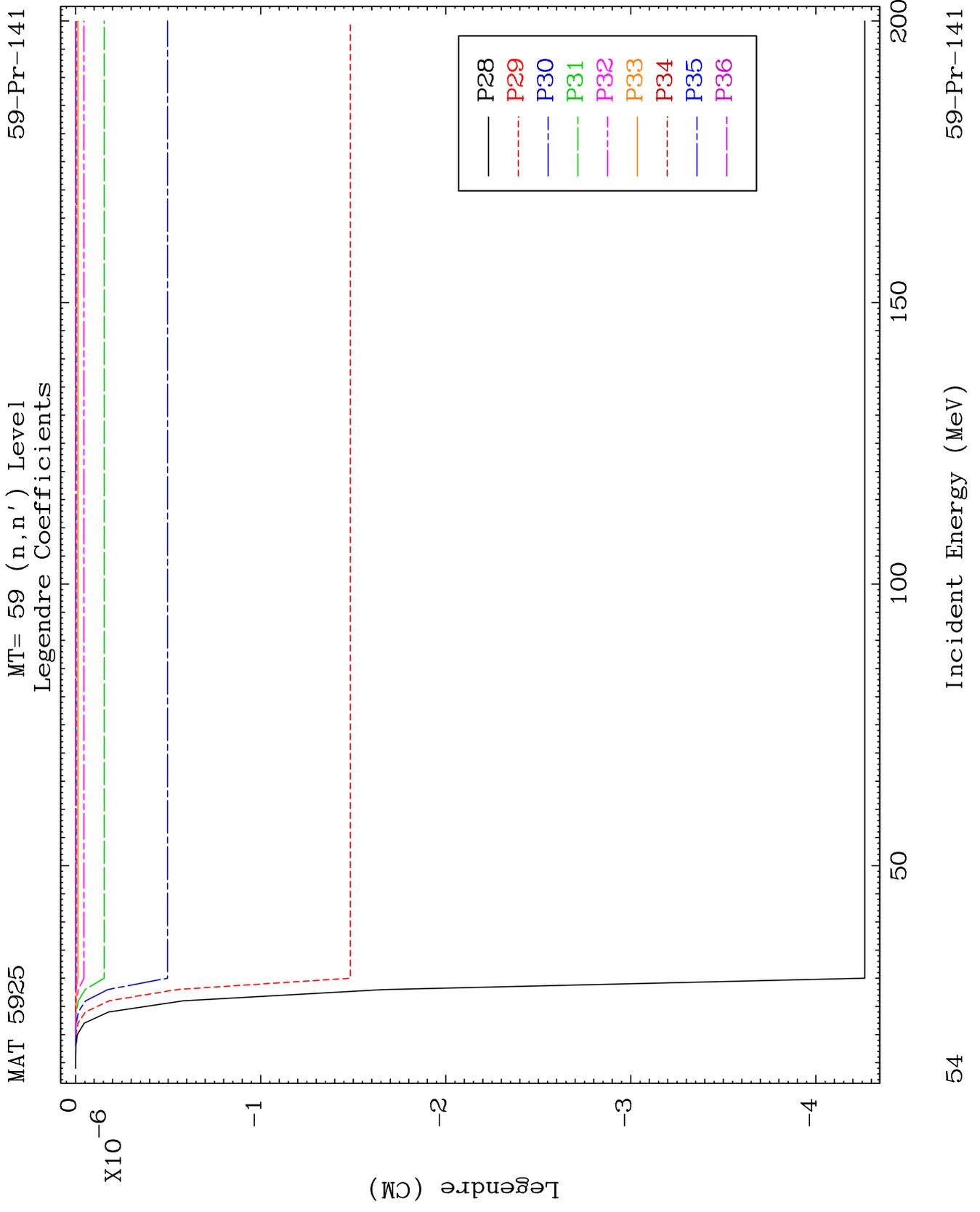
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53

Incident Energy (MeV)

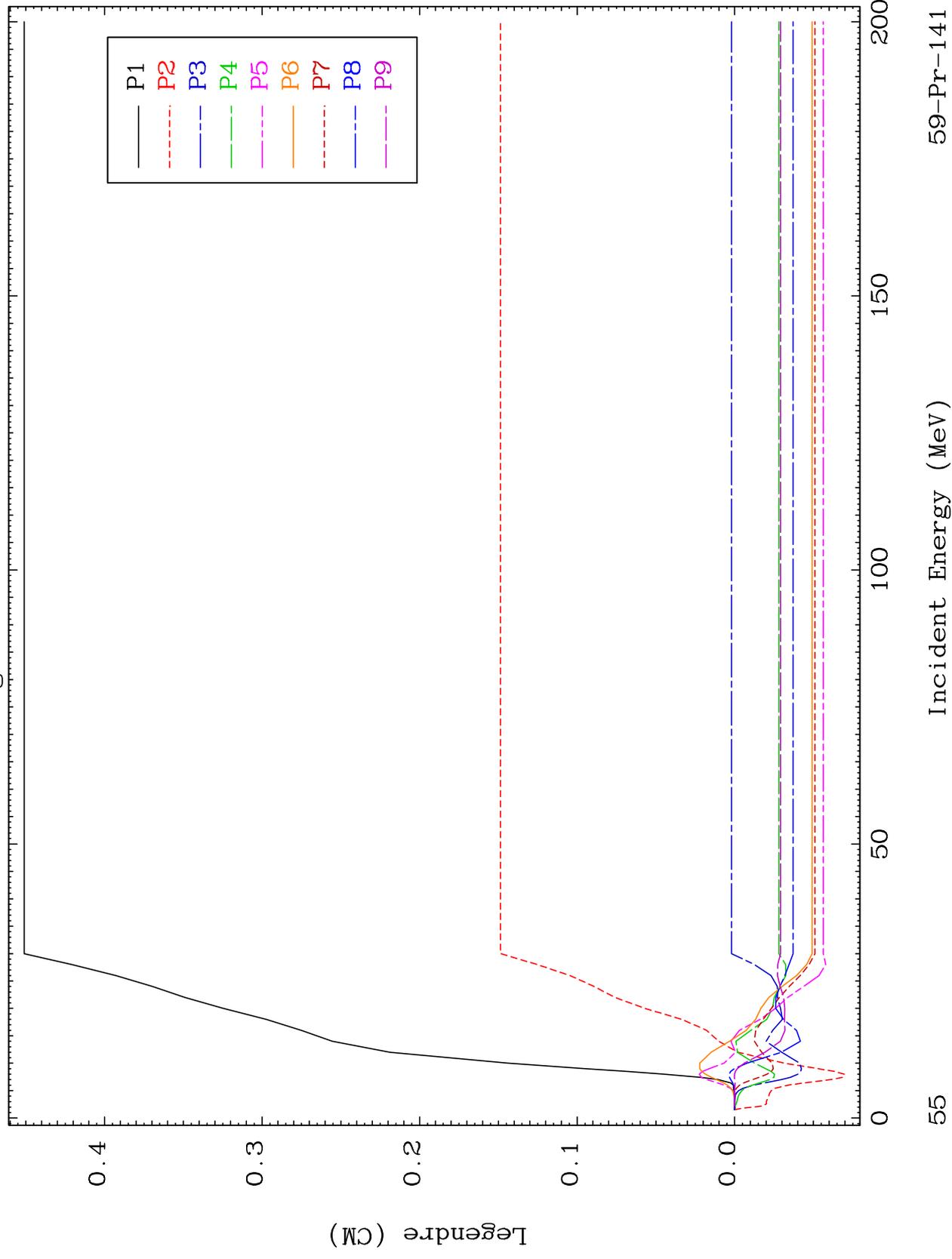
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MAT 5925

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

59-Pr-141



59-Pr-141

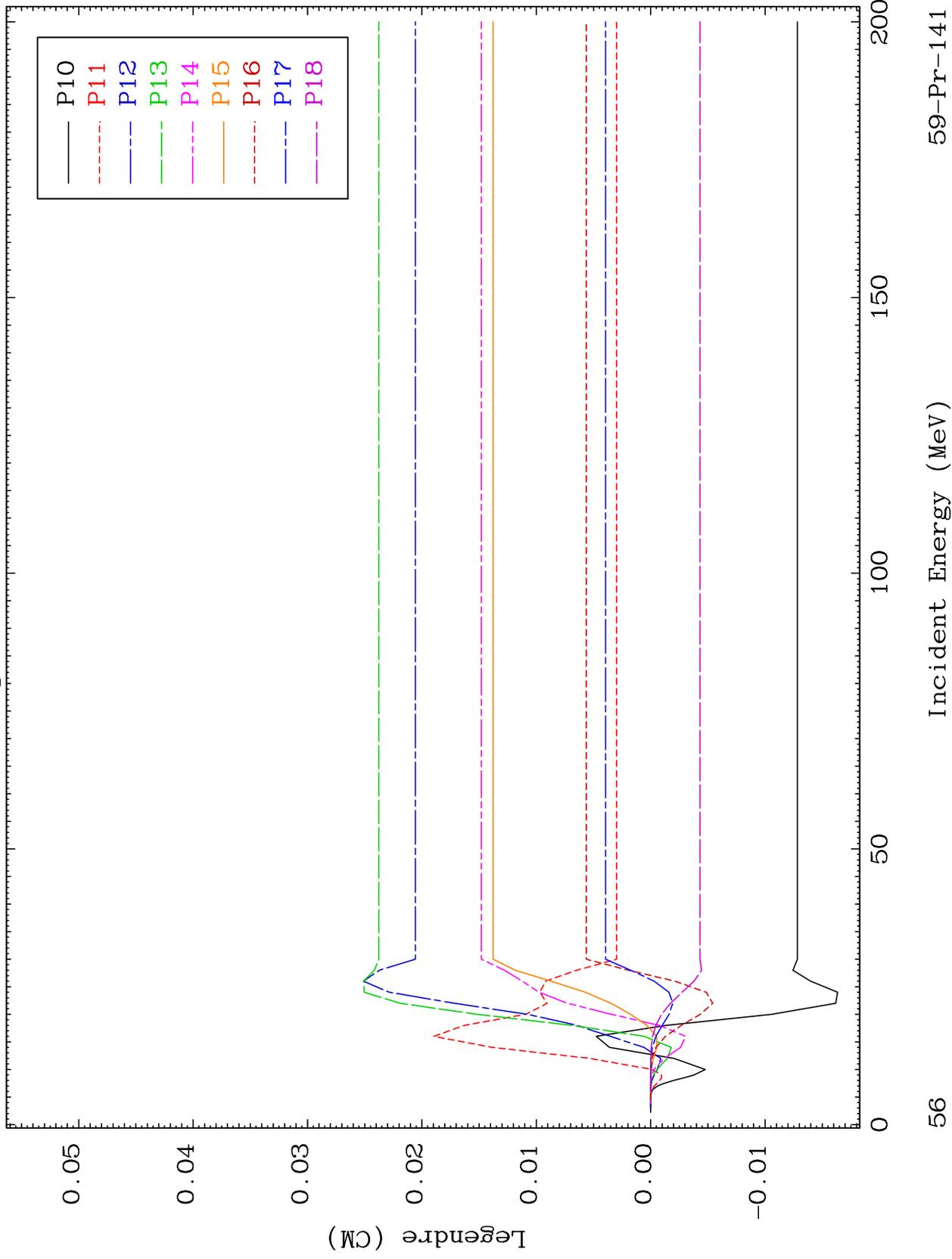
Incident Energy (MeV)

55

MAT 5925

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

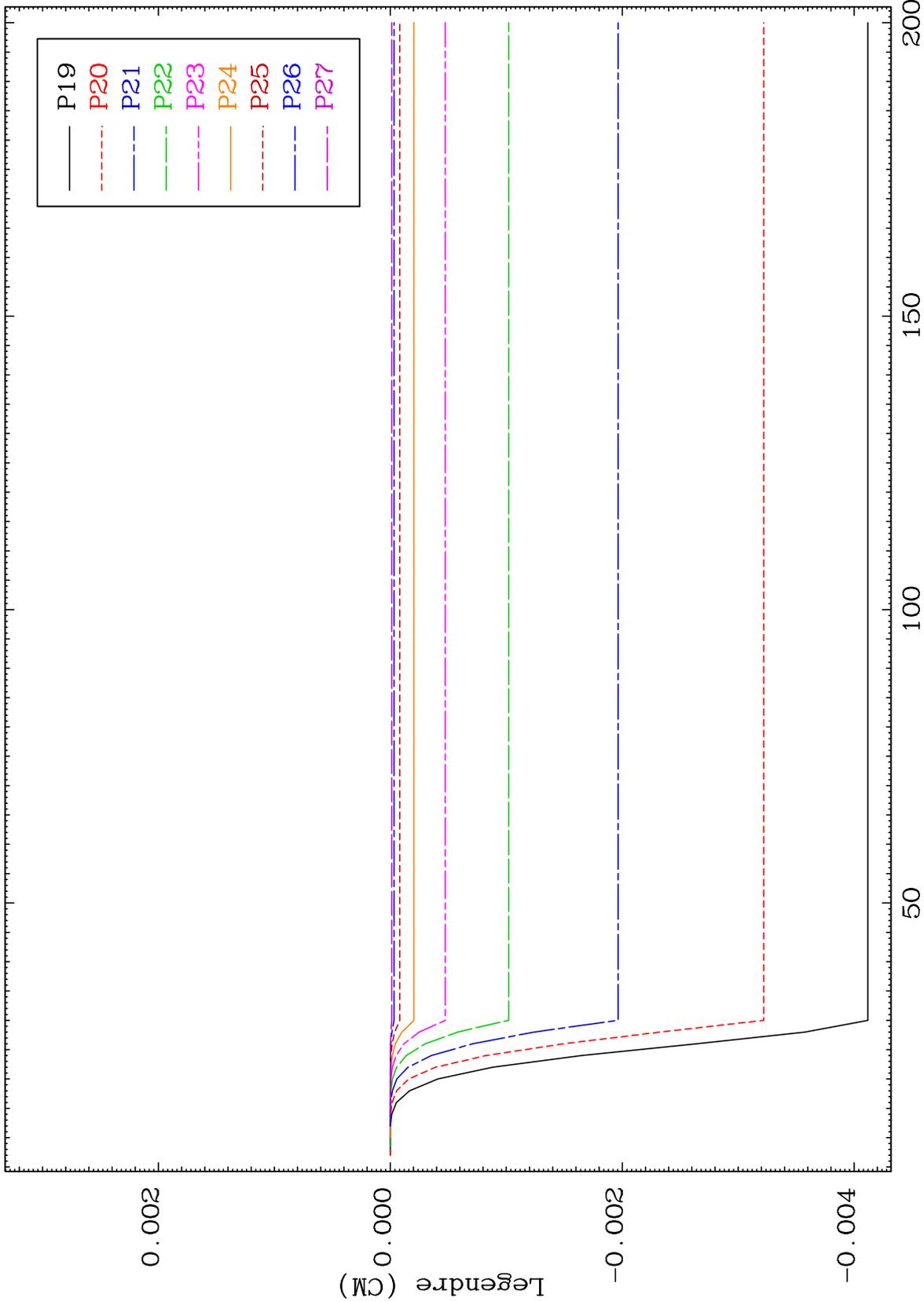
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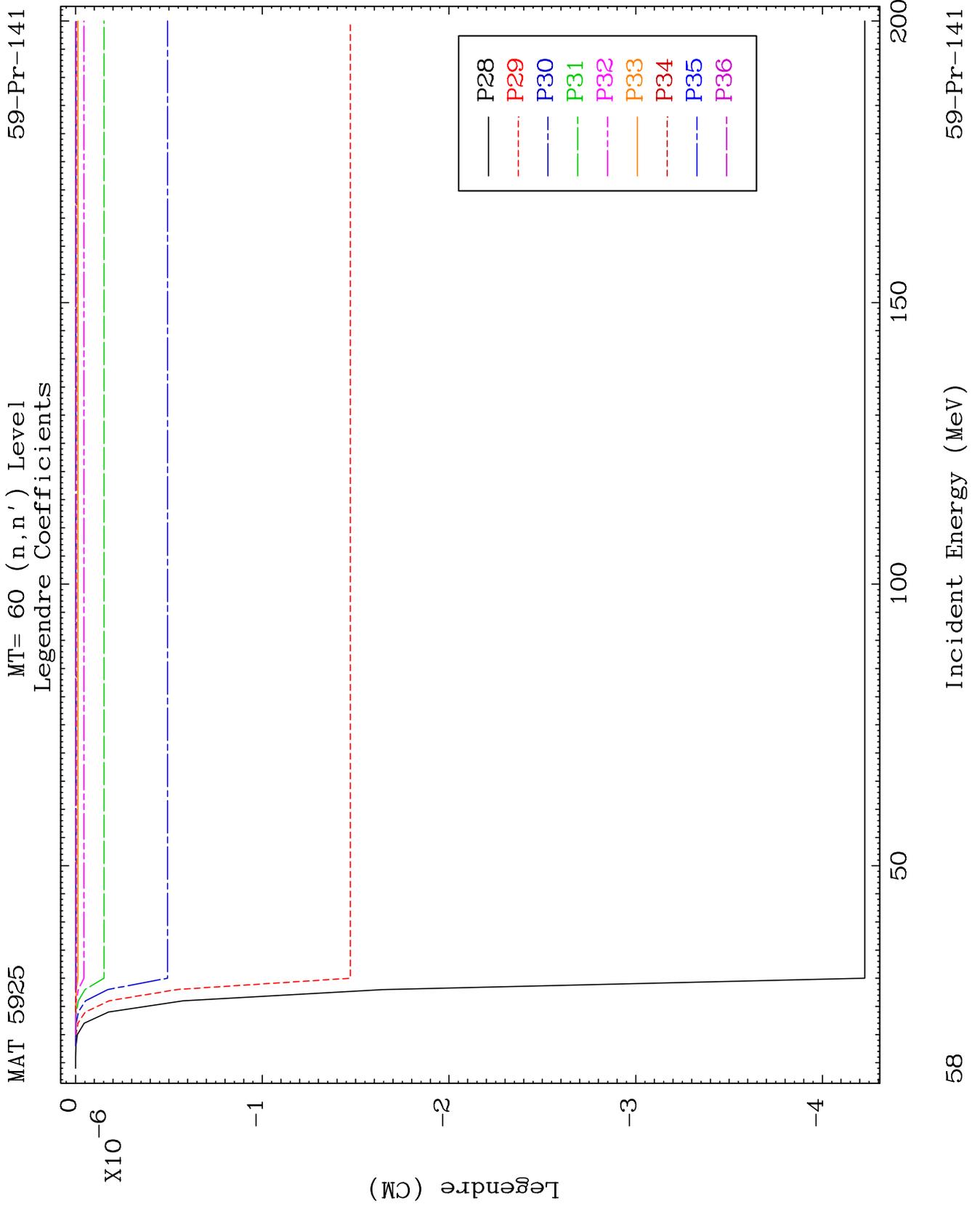


59-Pr-141

Incident Energy (MeV)

56

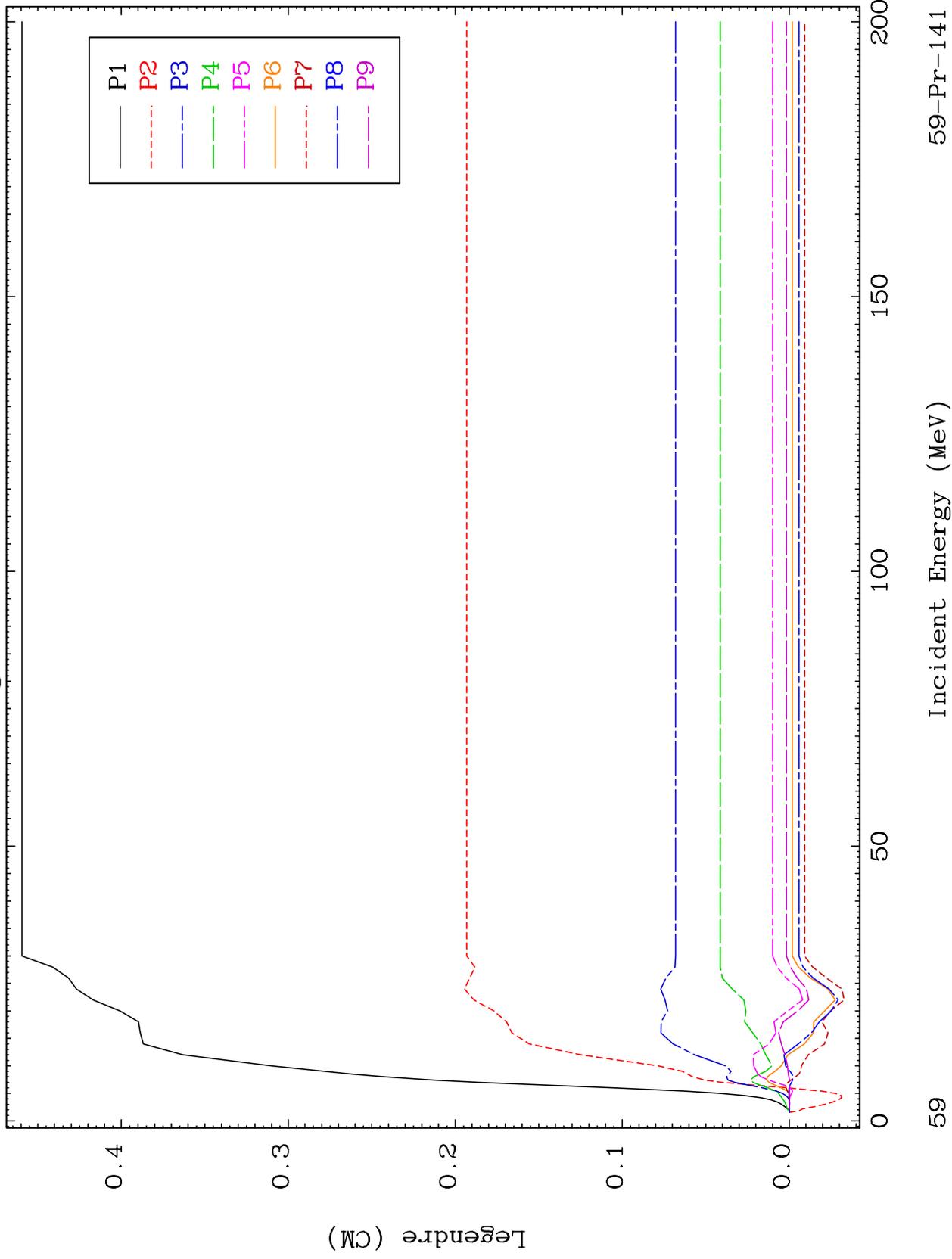




MAT 5925

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

59-Pr-141



59-Pr-141

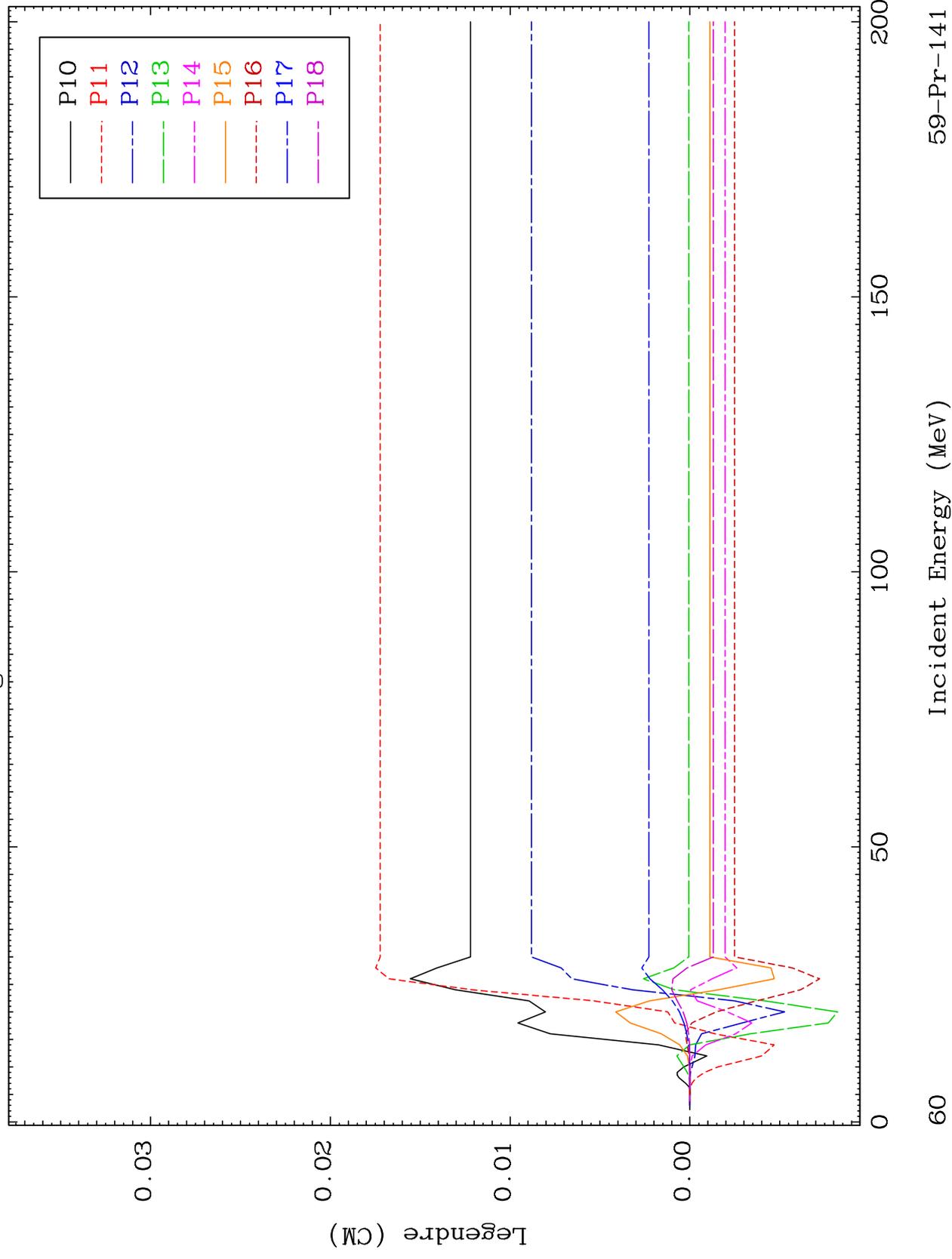
Incident Energy (MeV)

59

MAT 5925

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

59-Pr-141



59-Pr-141

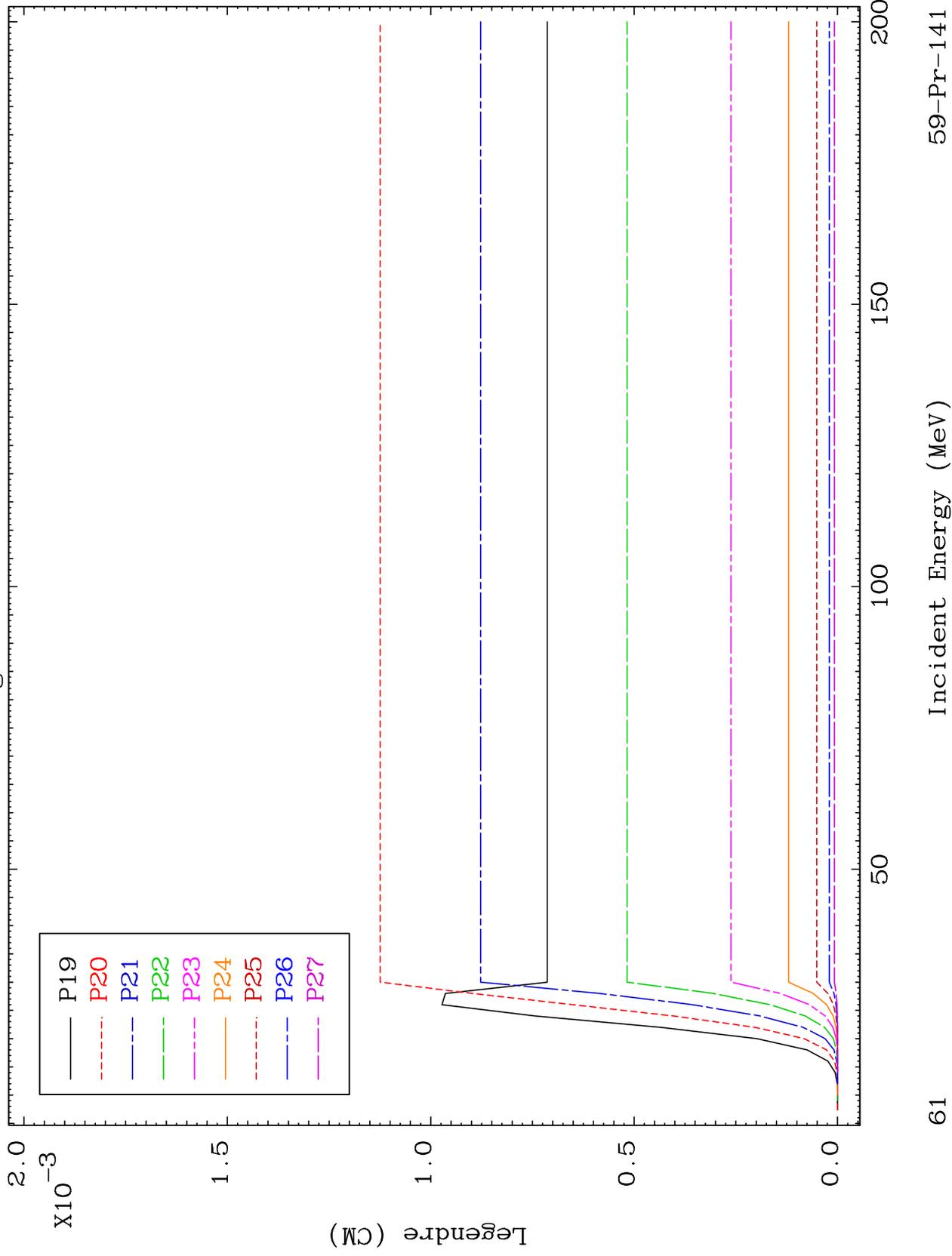
Incident Energy (MeV)

60

MAT 5925

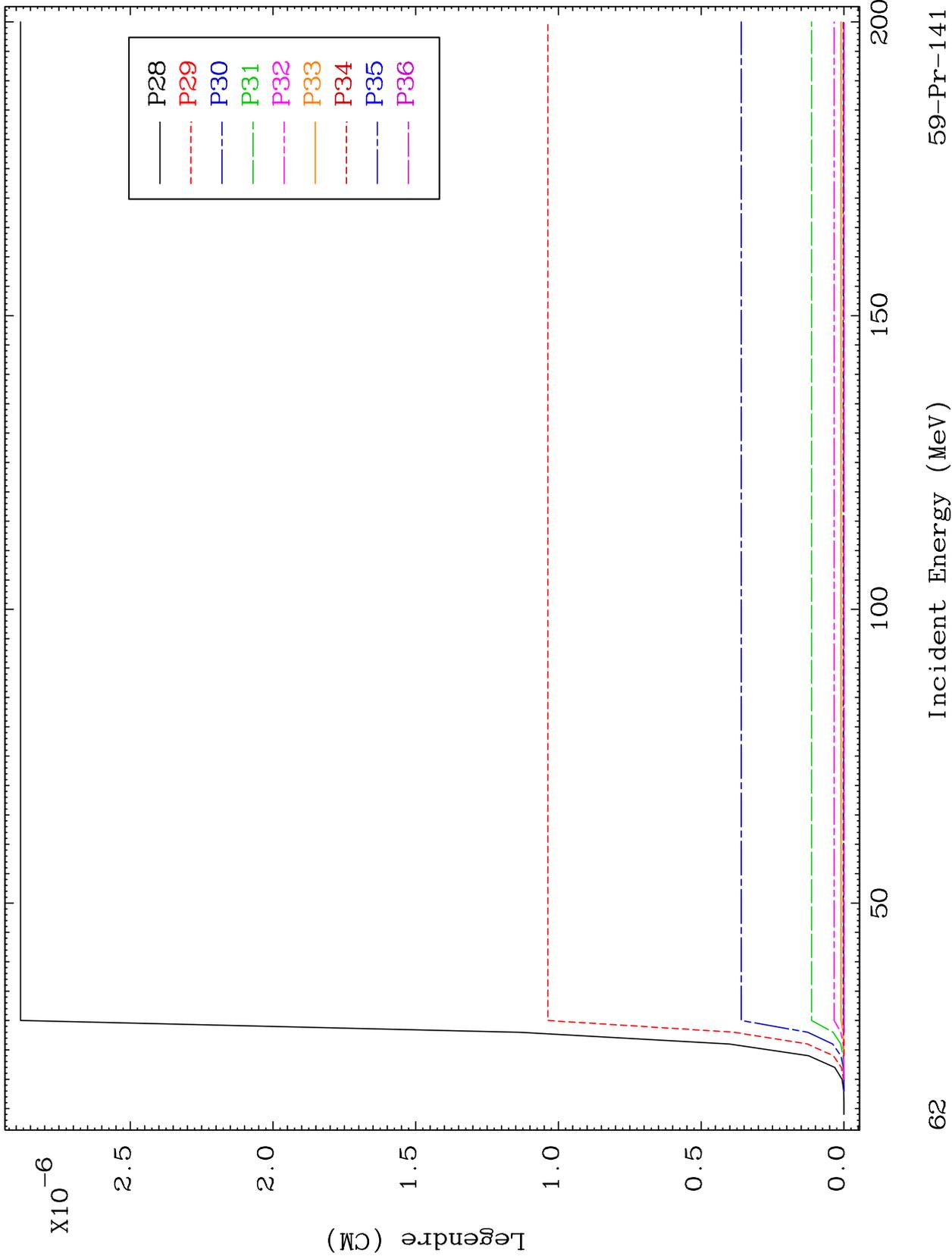
MT= 61 (n,n') Level
Legendre Coefficients

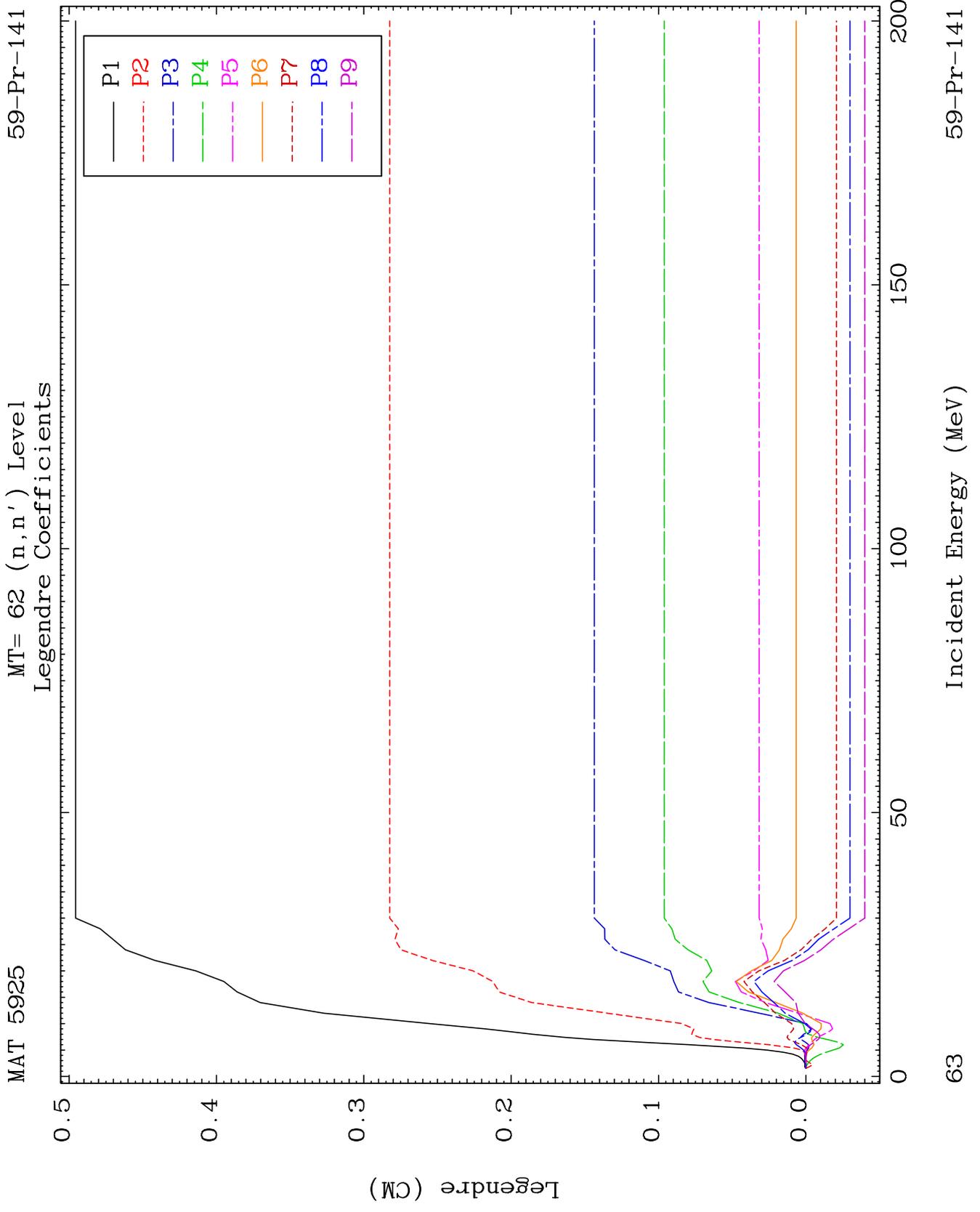
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61

59-Pr-141

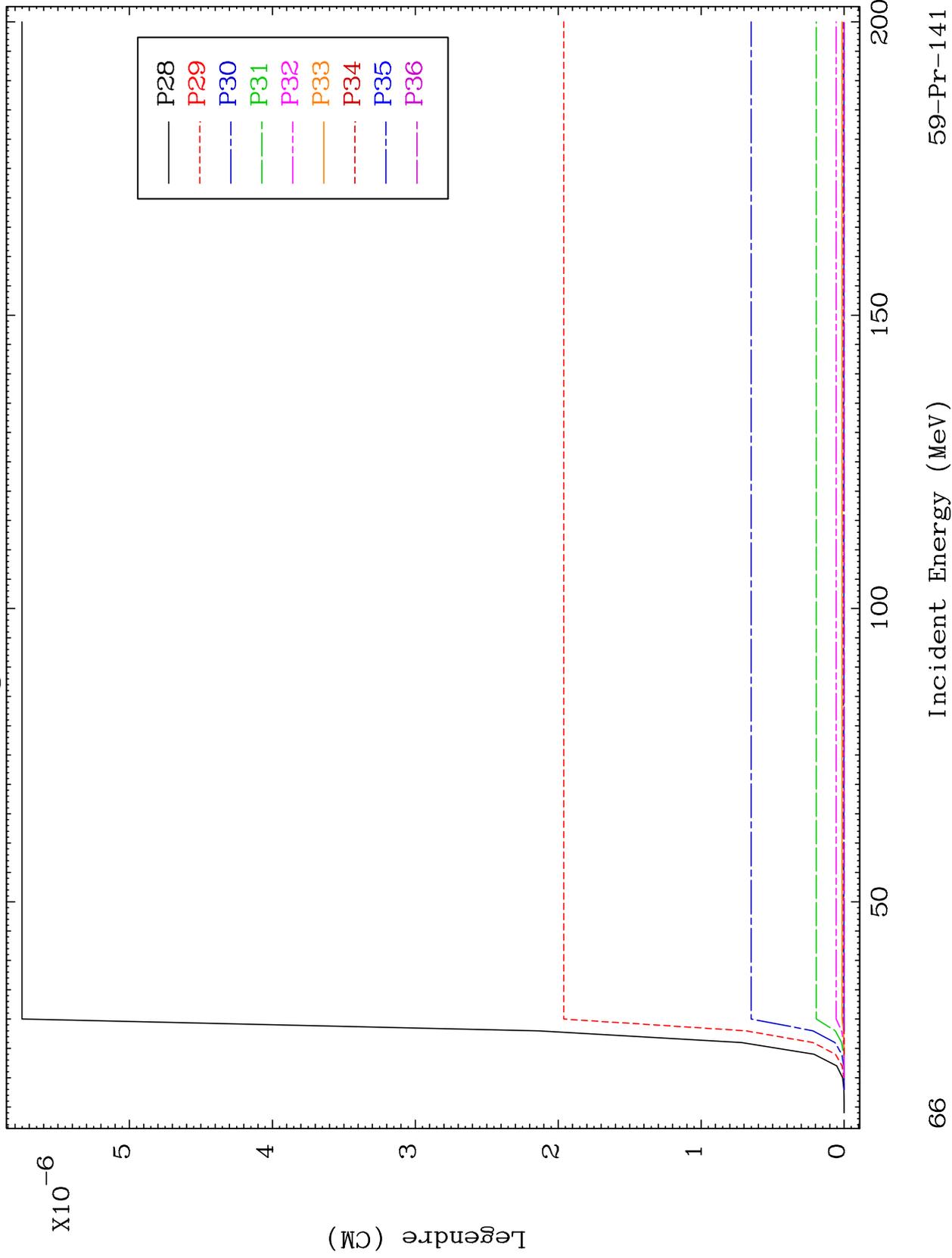


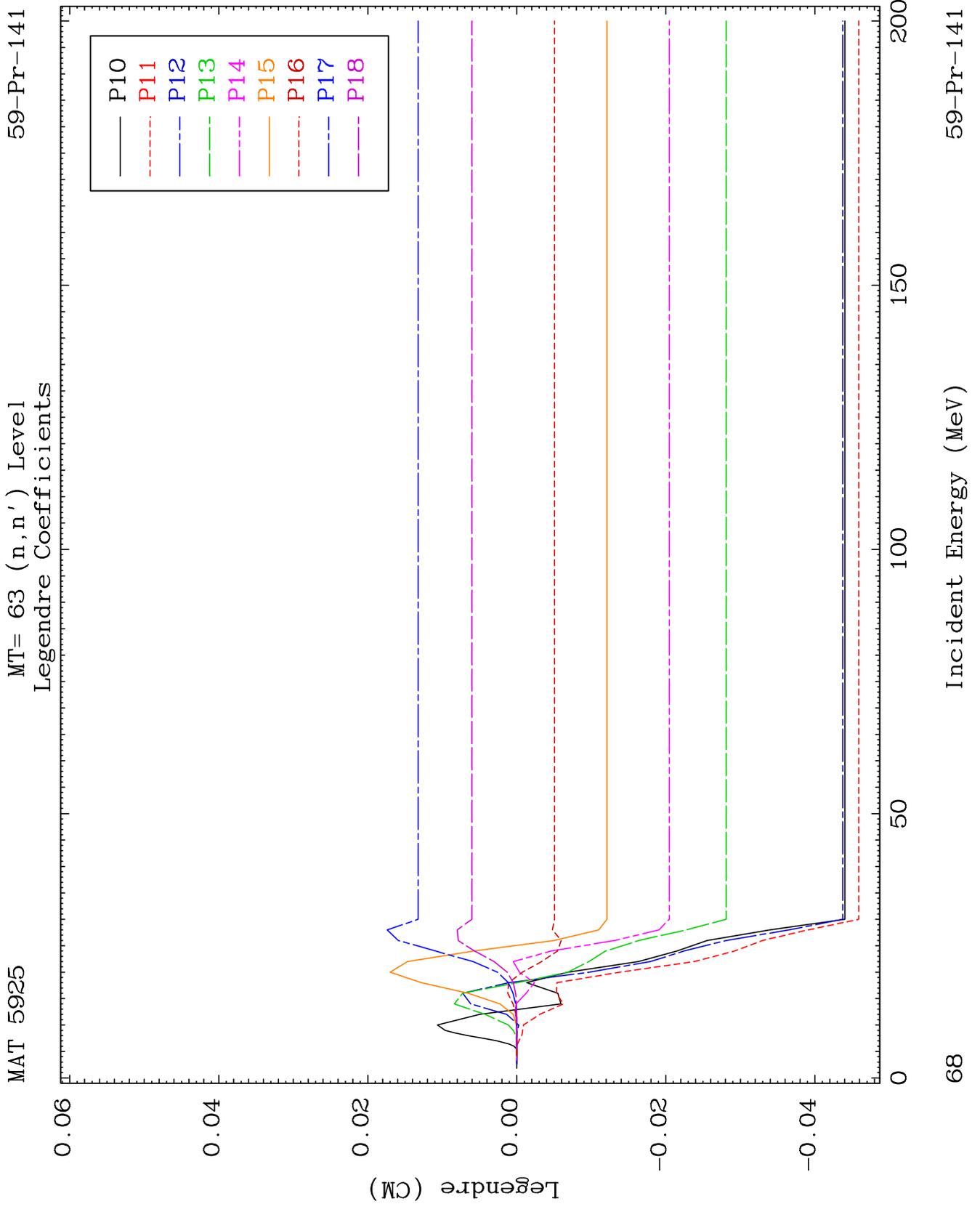


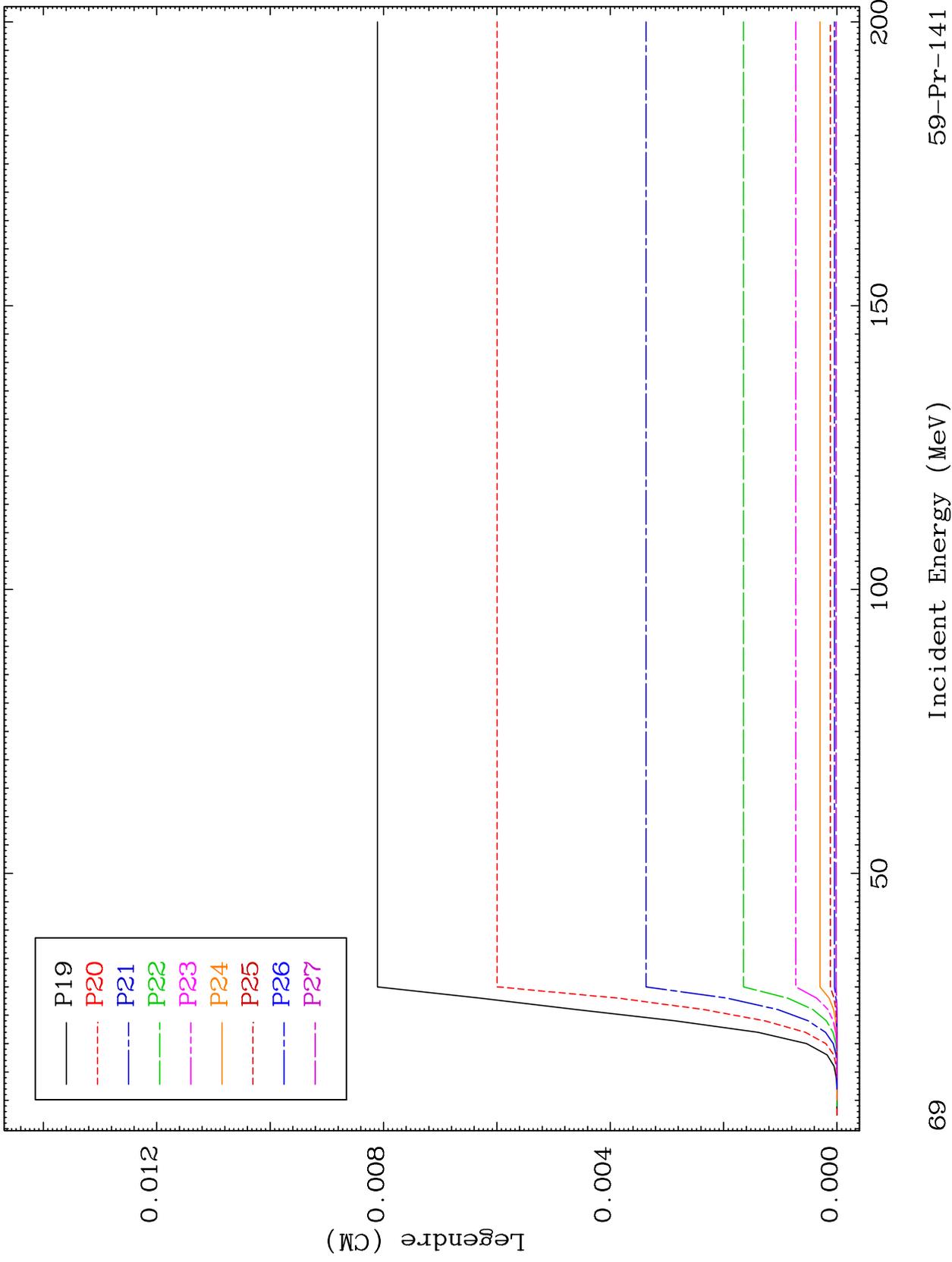
MAT 5925

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

59-Pr-141



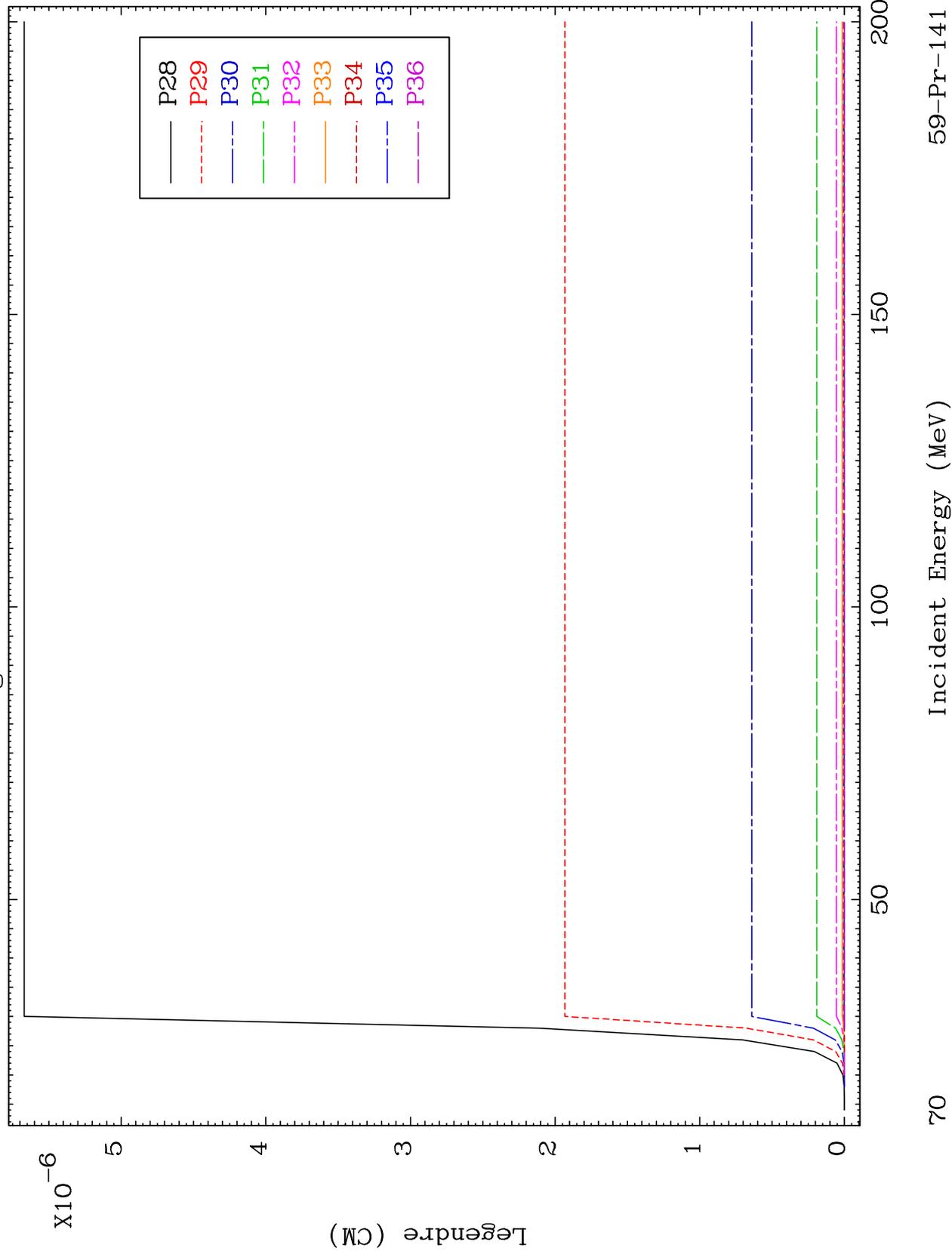




MAT 5925

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

59-Pr-141



70

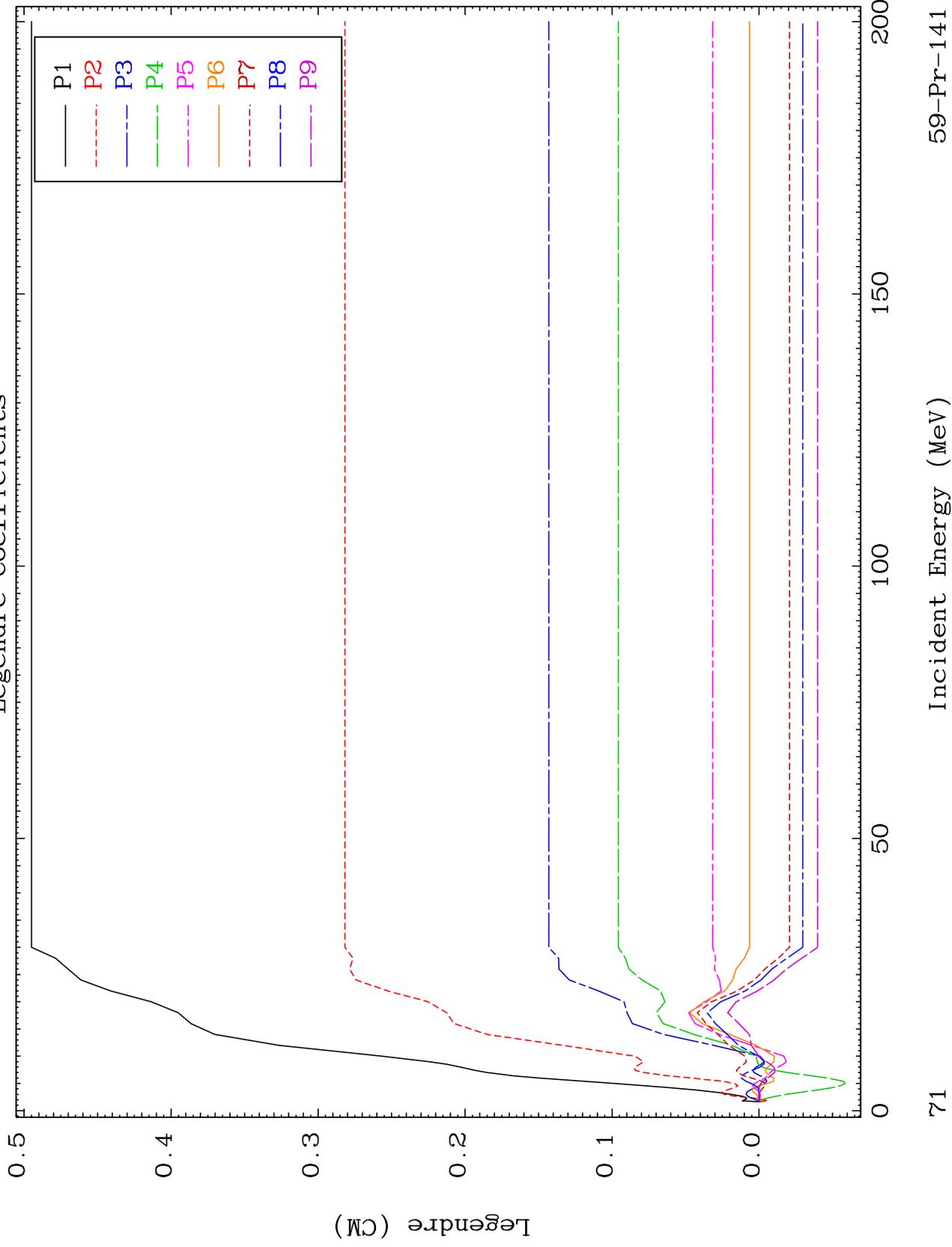
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

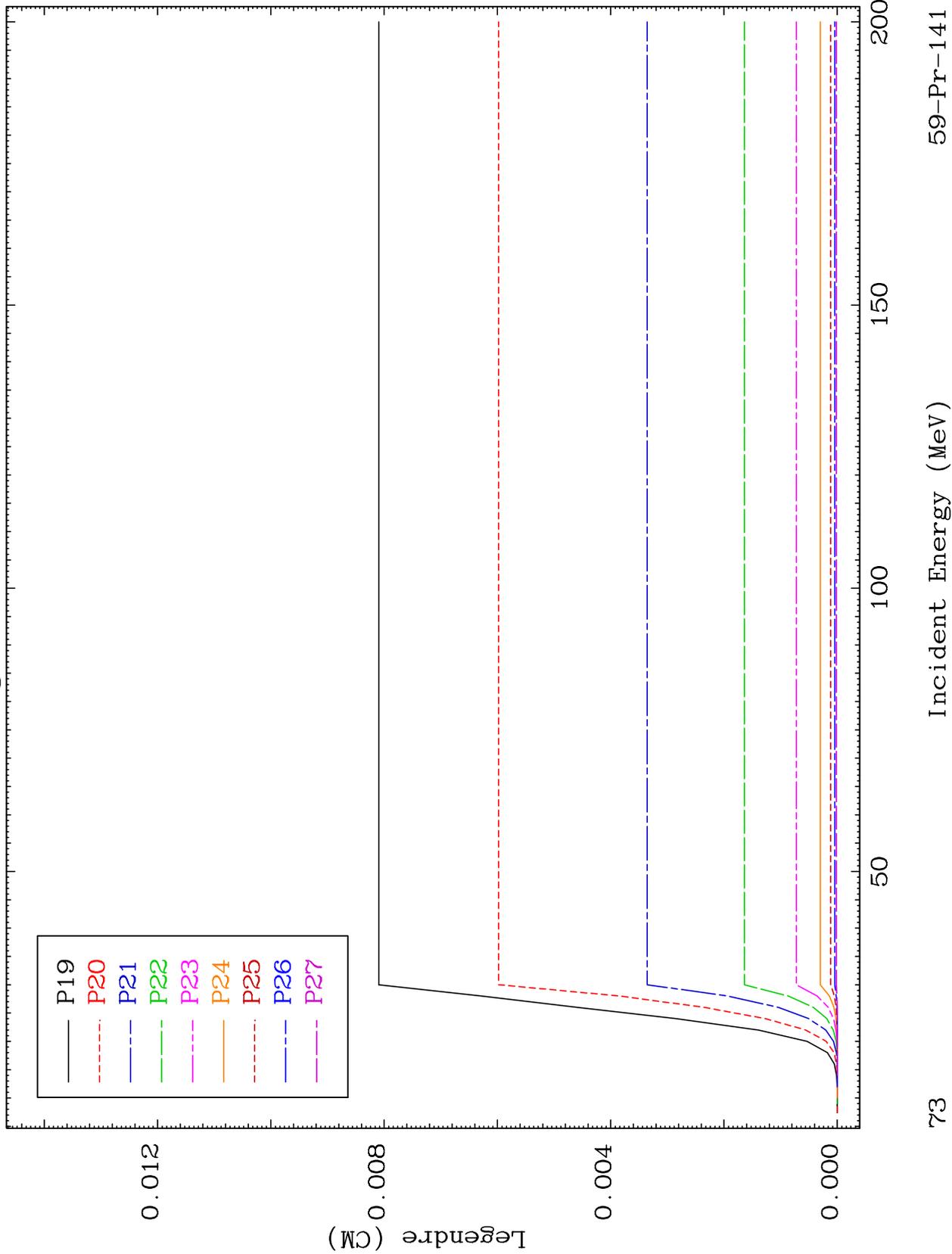
59-Pr-141



MAT 5925

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

59-Pr-141



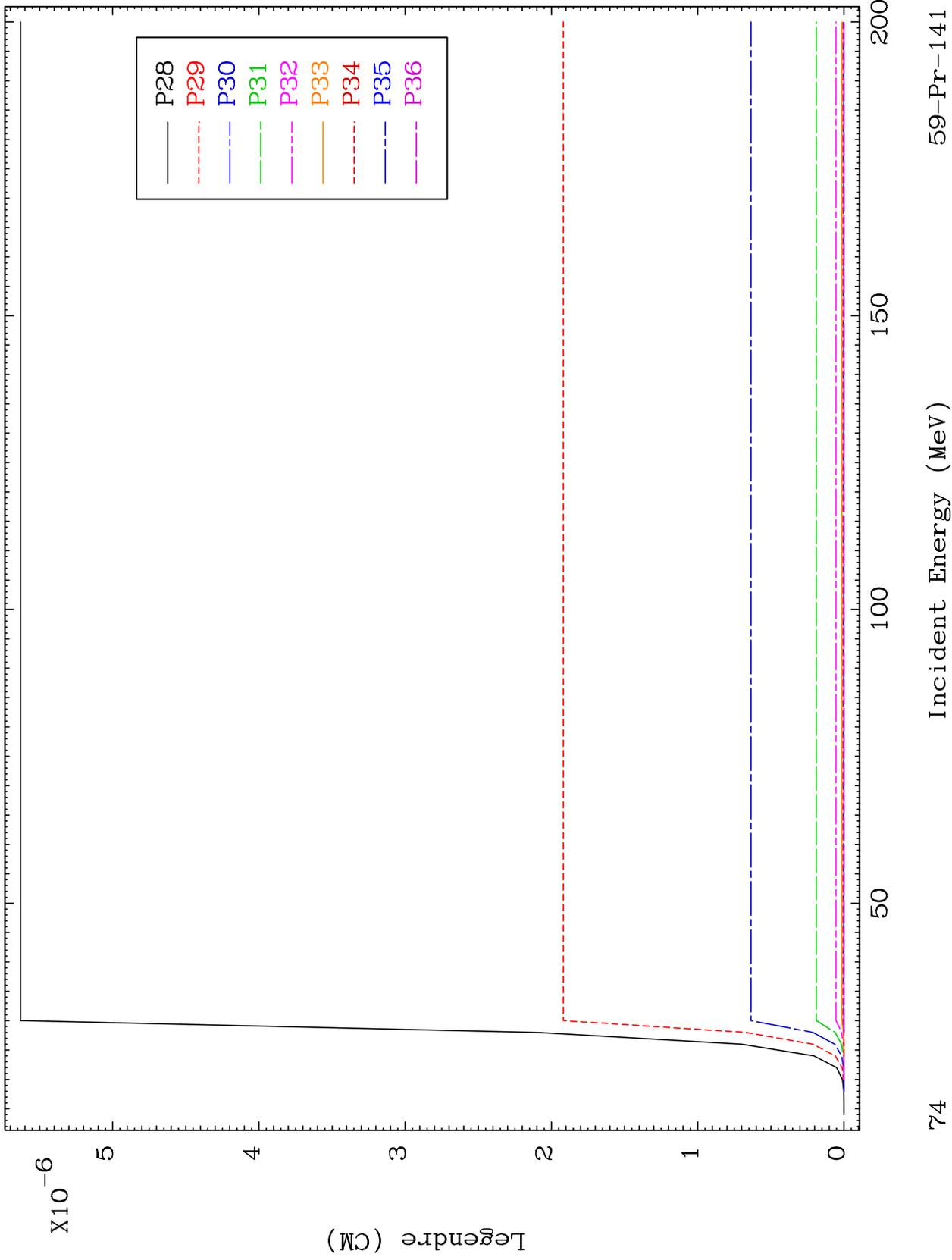
73

59-Pr-141

MAT 5925

MT= 64 (n,n') Level
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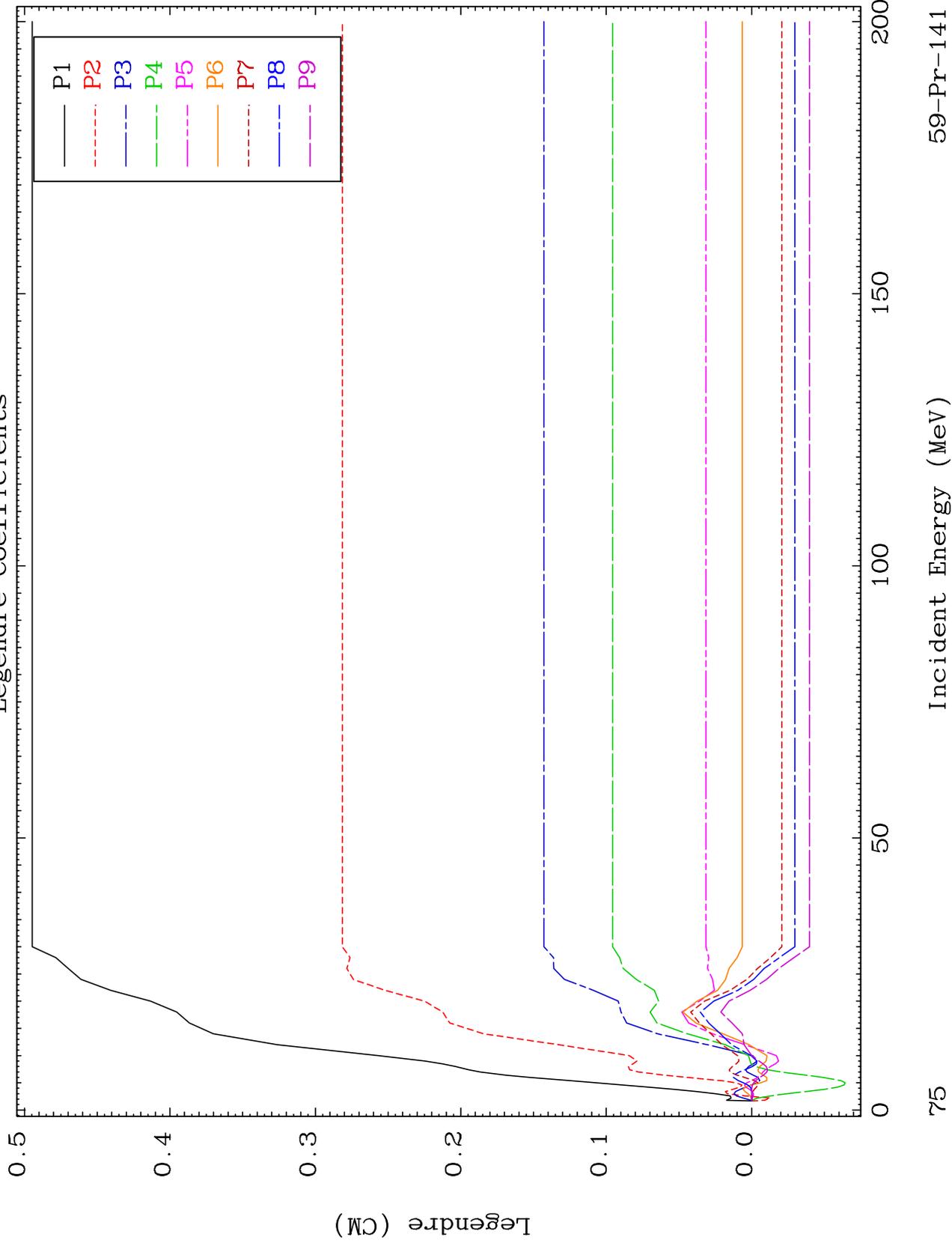
59-Pr-141



MAT 5925

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

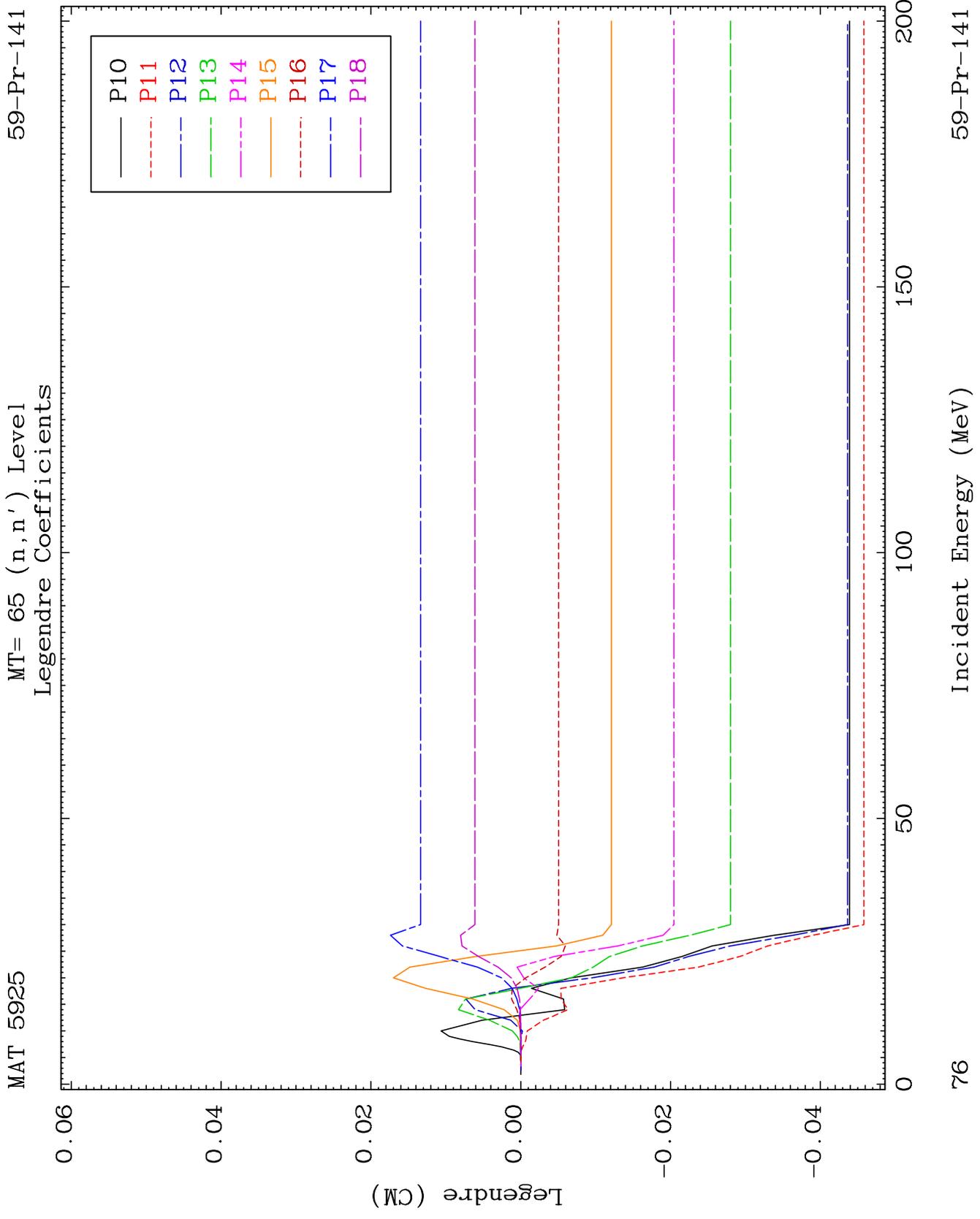
59-Pr-141



59-Pr-141

Incident Energy (MeV)

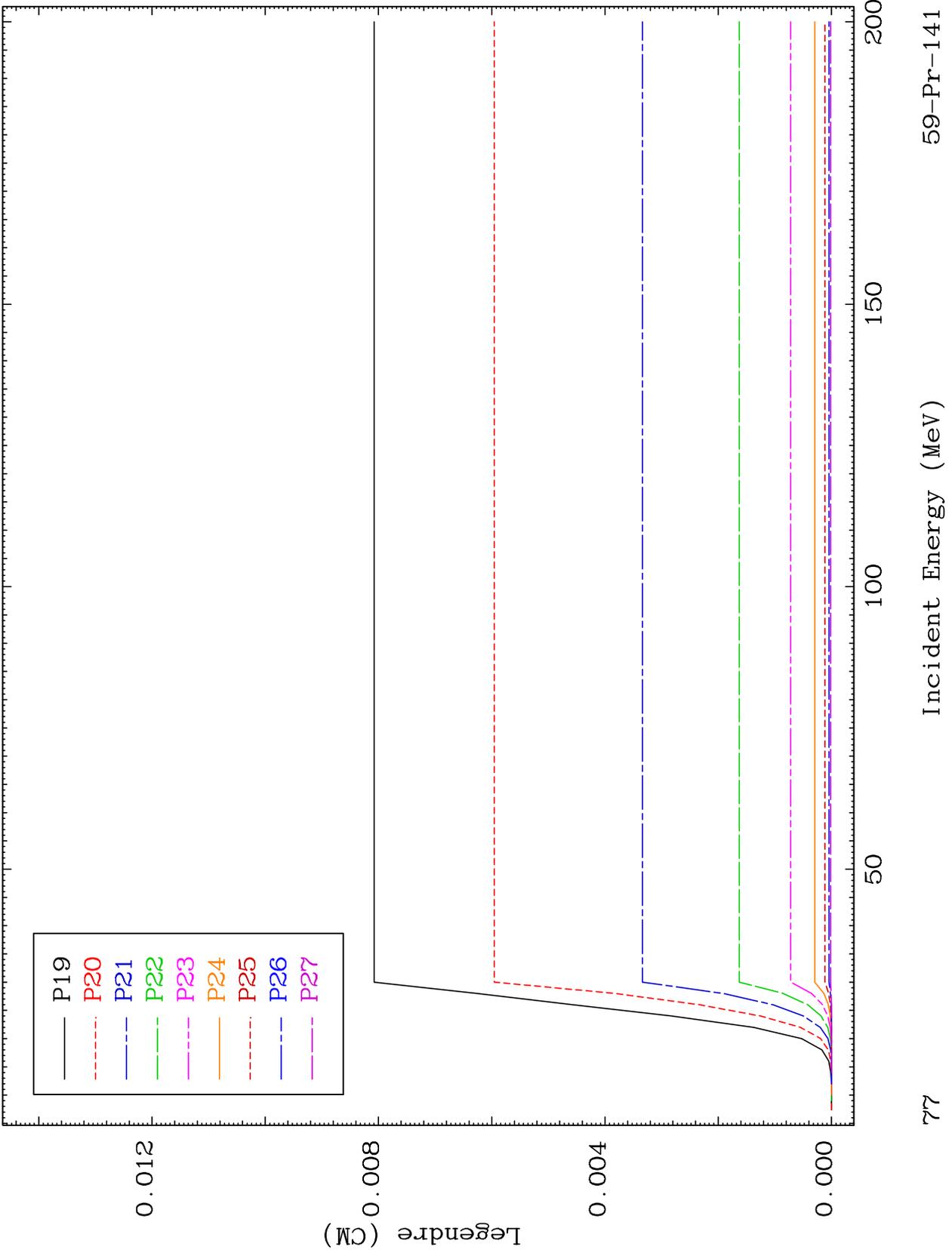
75



MAT 5925

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

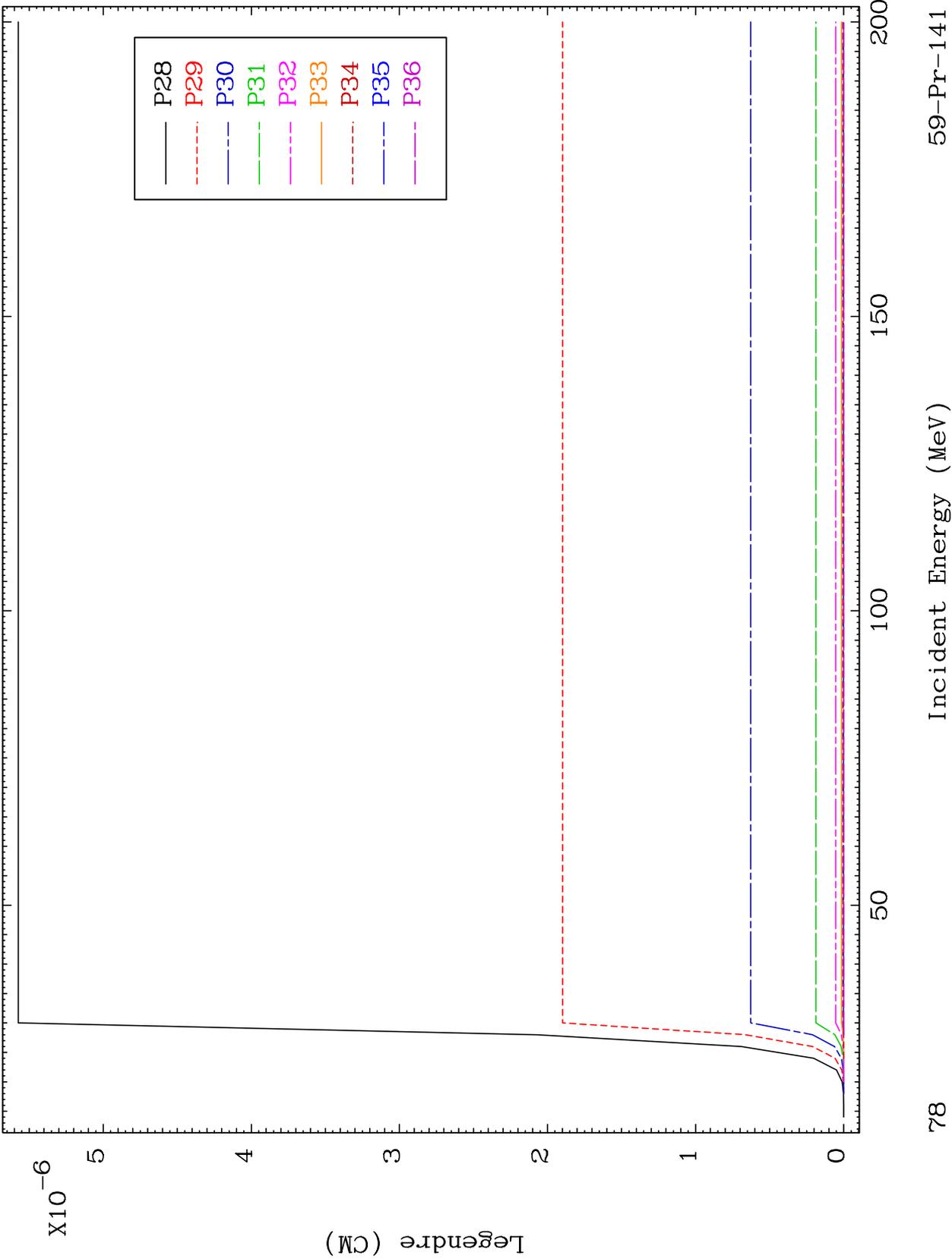
59-Pr-141



MAT 5925

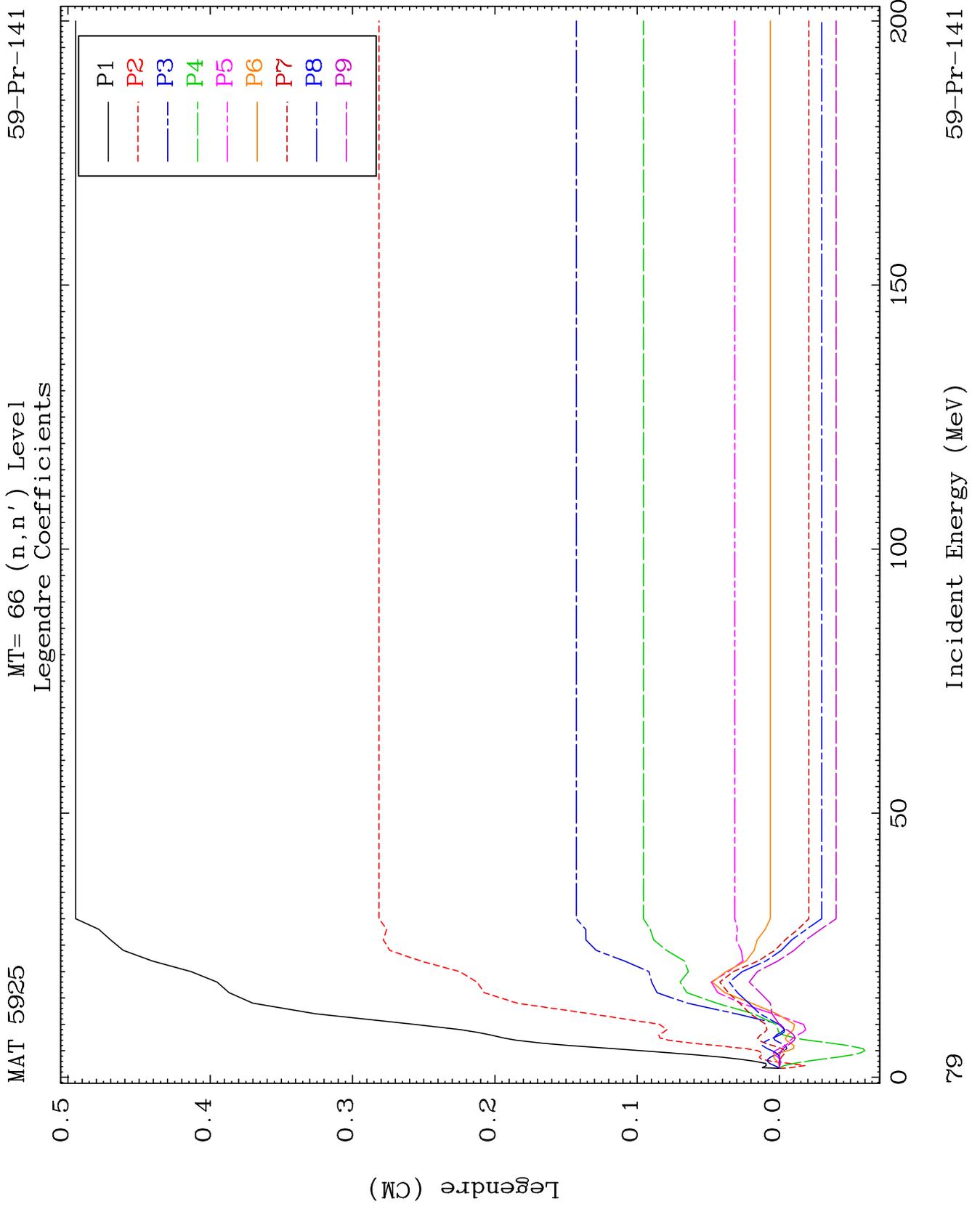
MT= 65 (n,n') Level
Legendre Coefficients

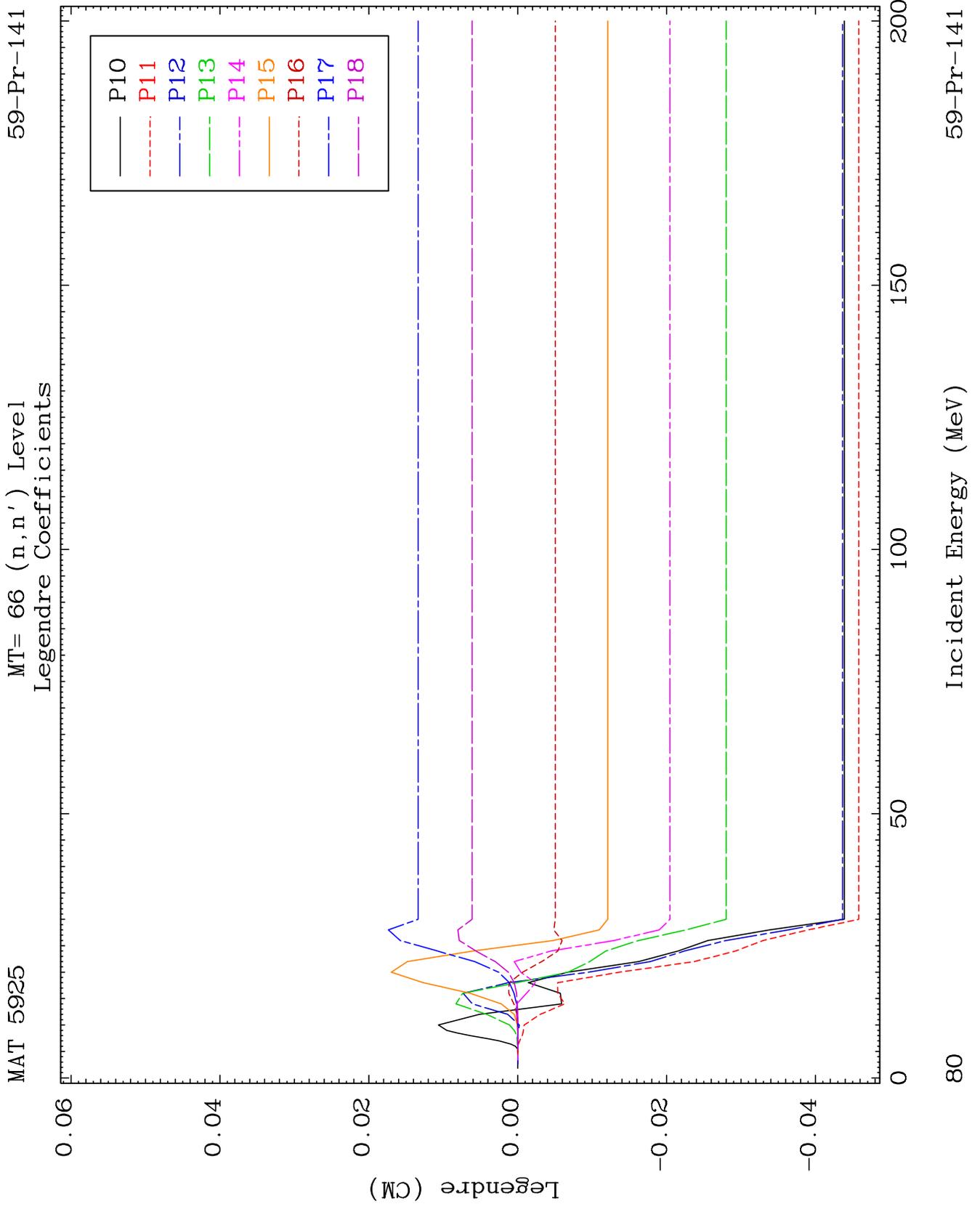
59-Pr-141

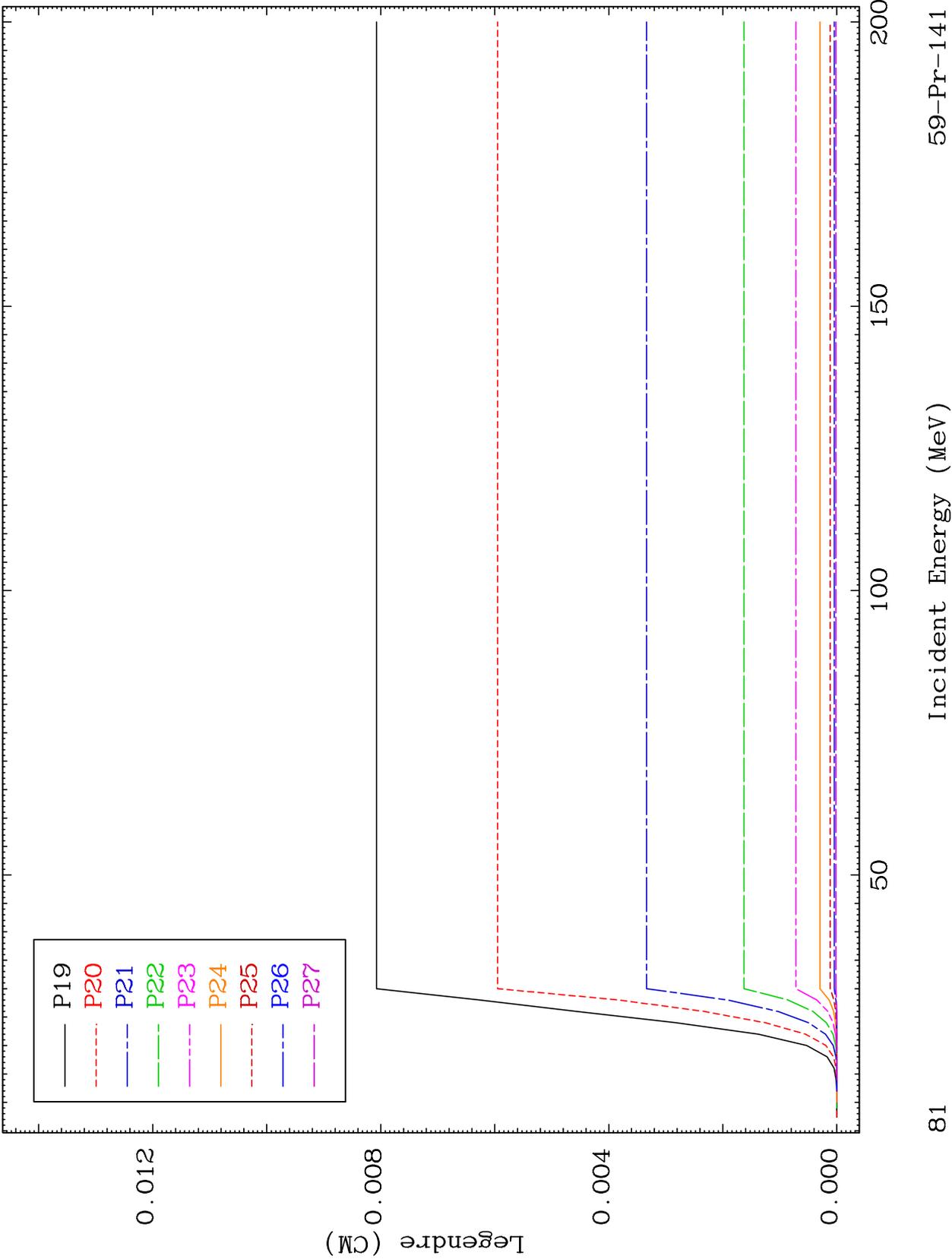


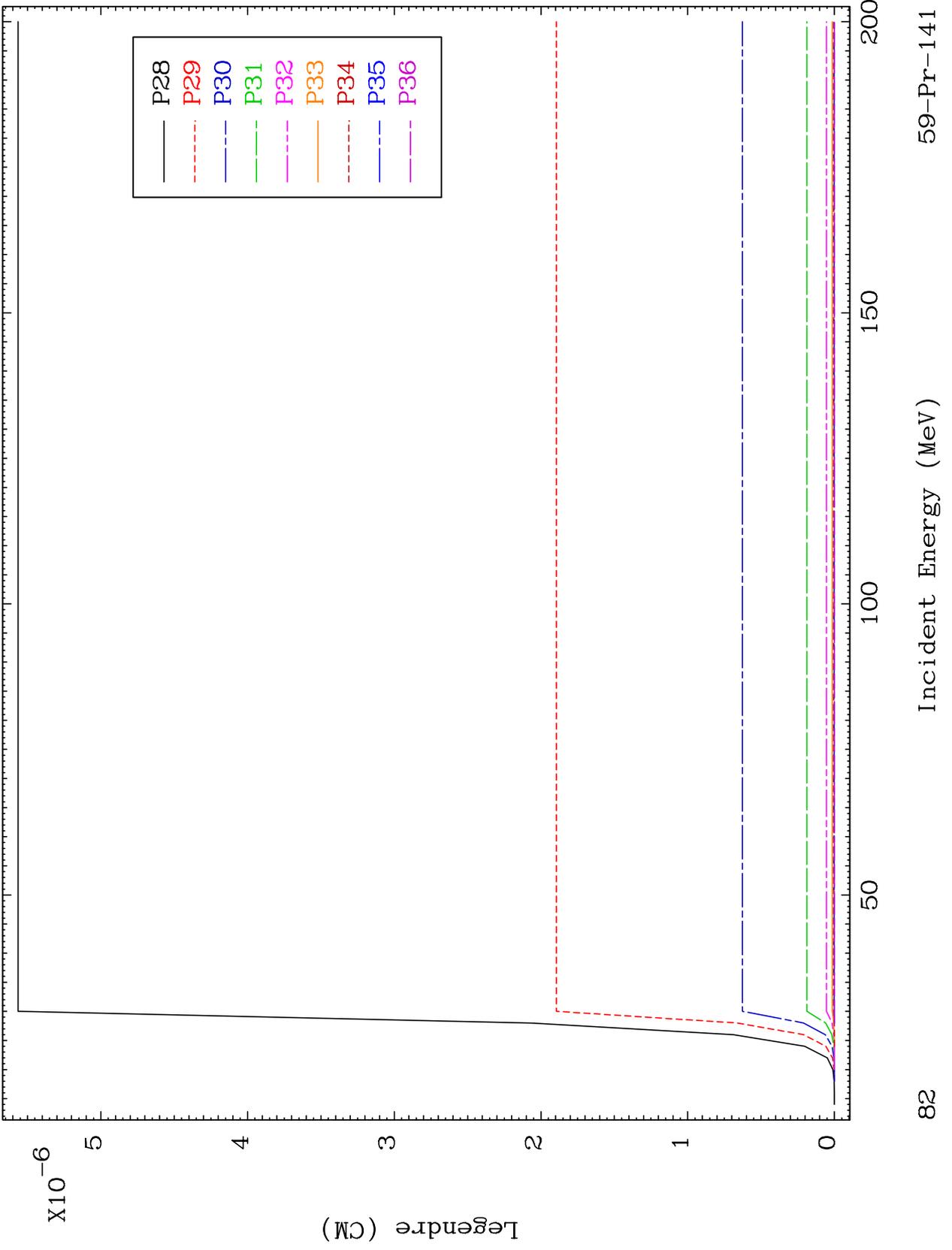
78

59-Pr-141





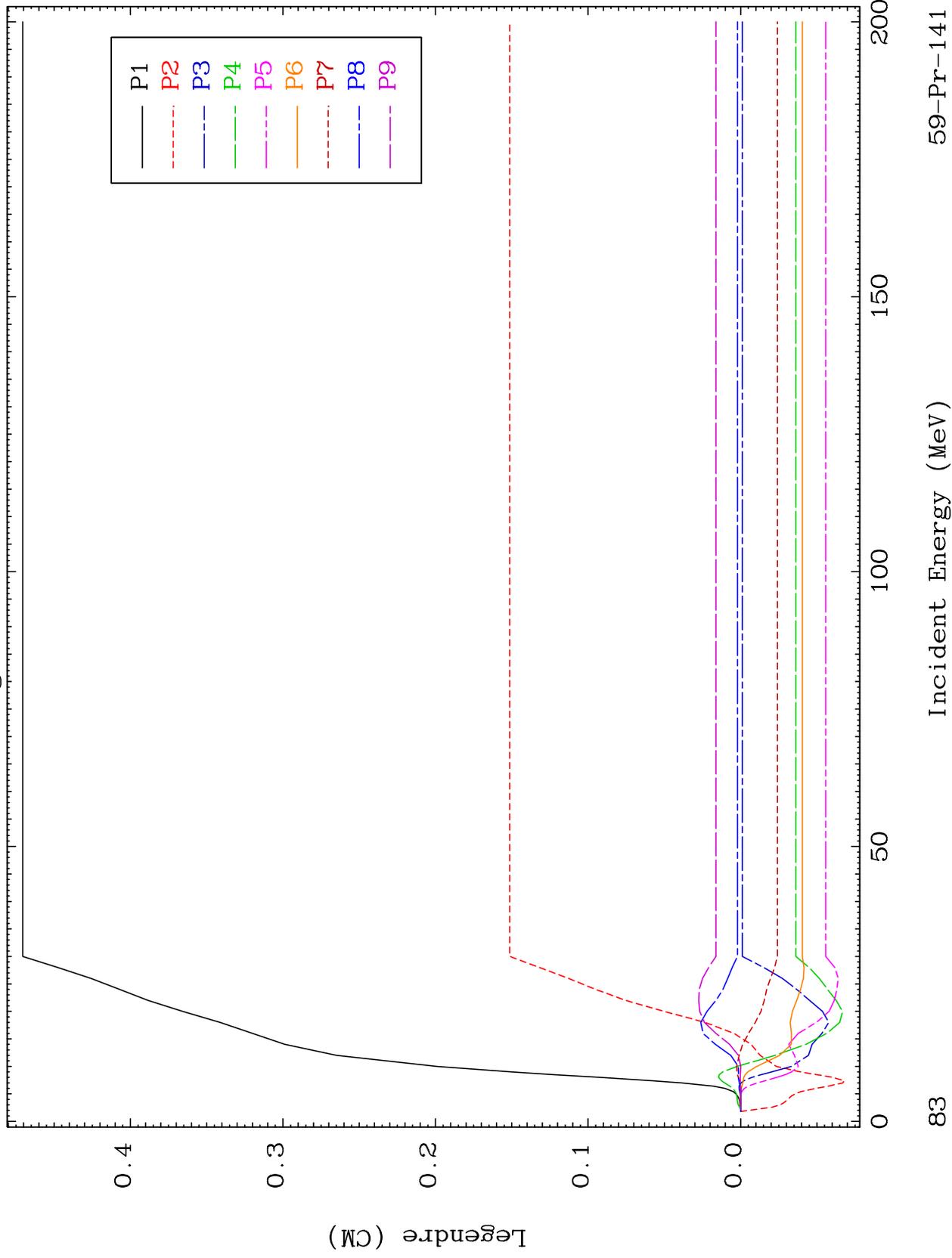




MAT 5925

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

59-Pr-141



59-Pr-141

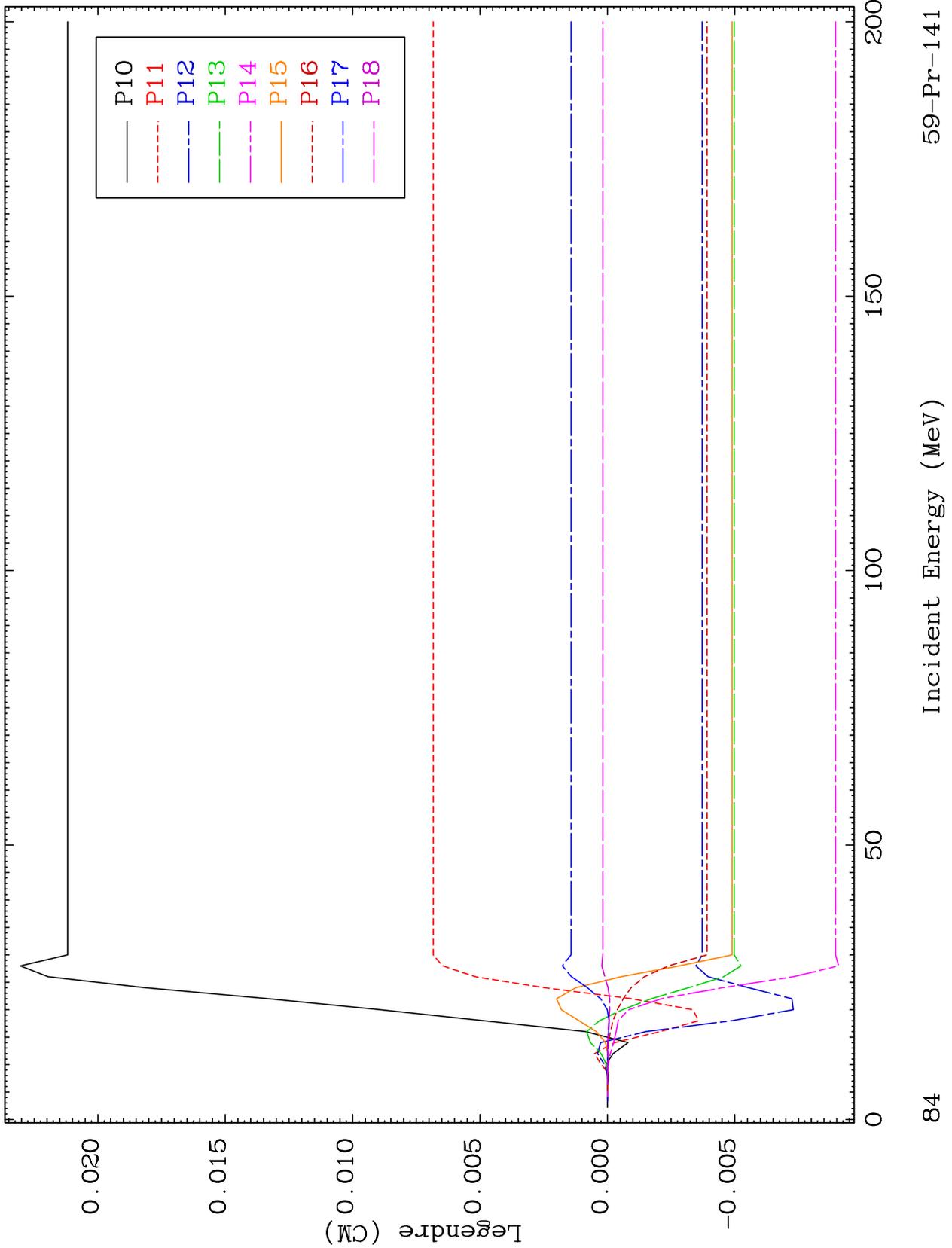
Incident Energy (MeV)

83

MAT 5925

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

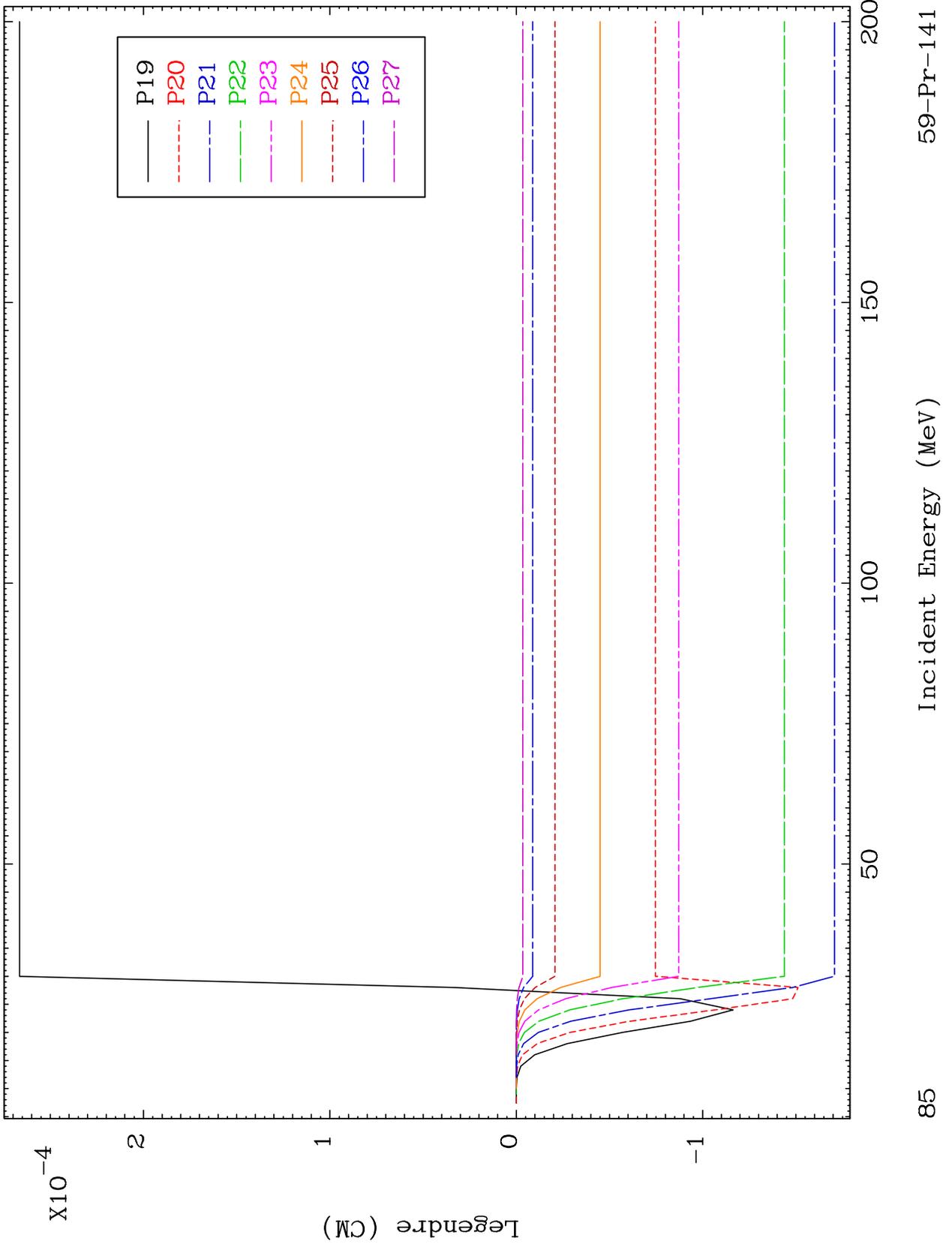
59-Pr-141

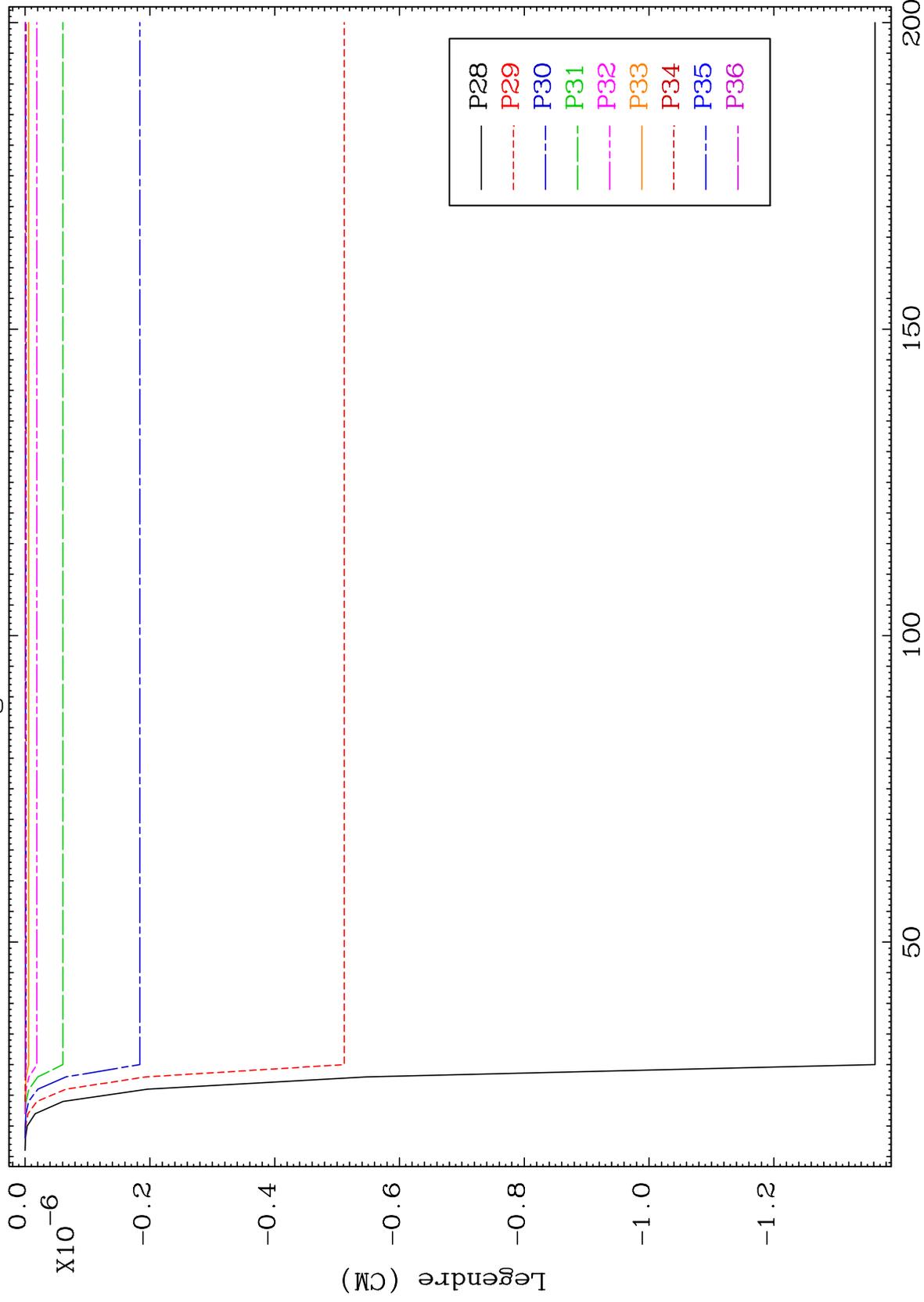


84

Incident Energy (MeV)

59-Pr-141

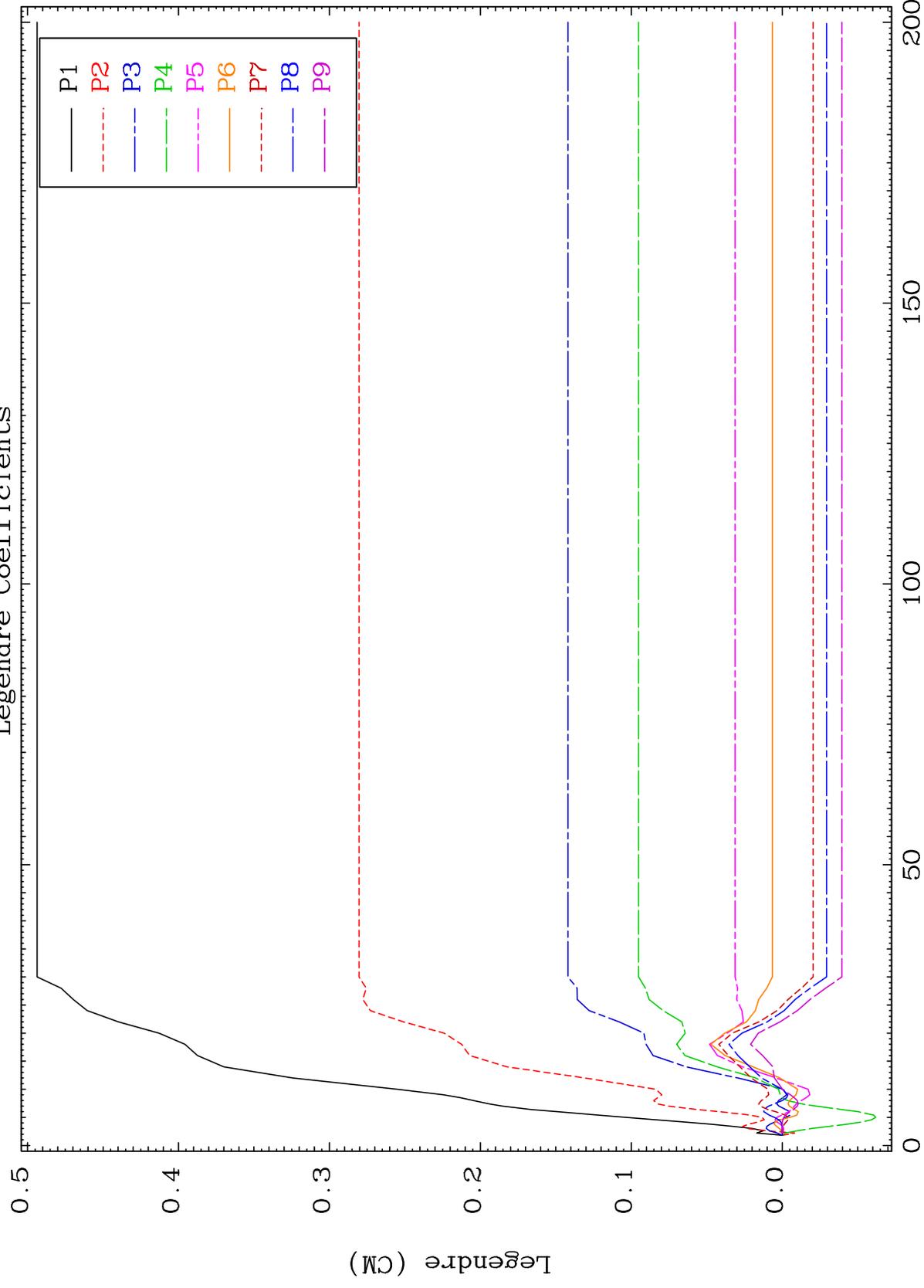




MAT 5925

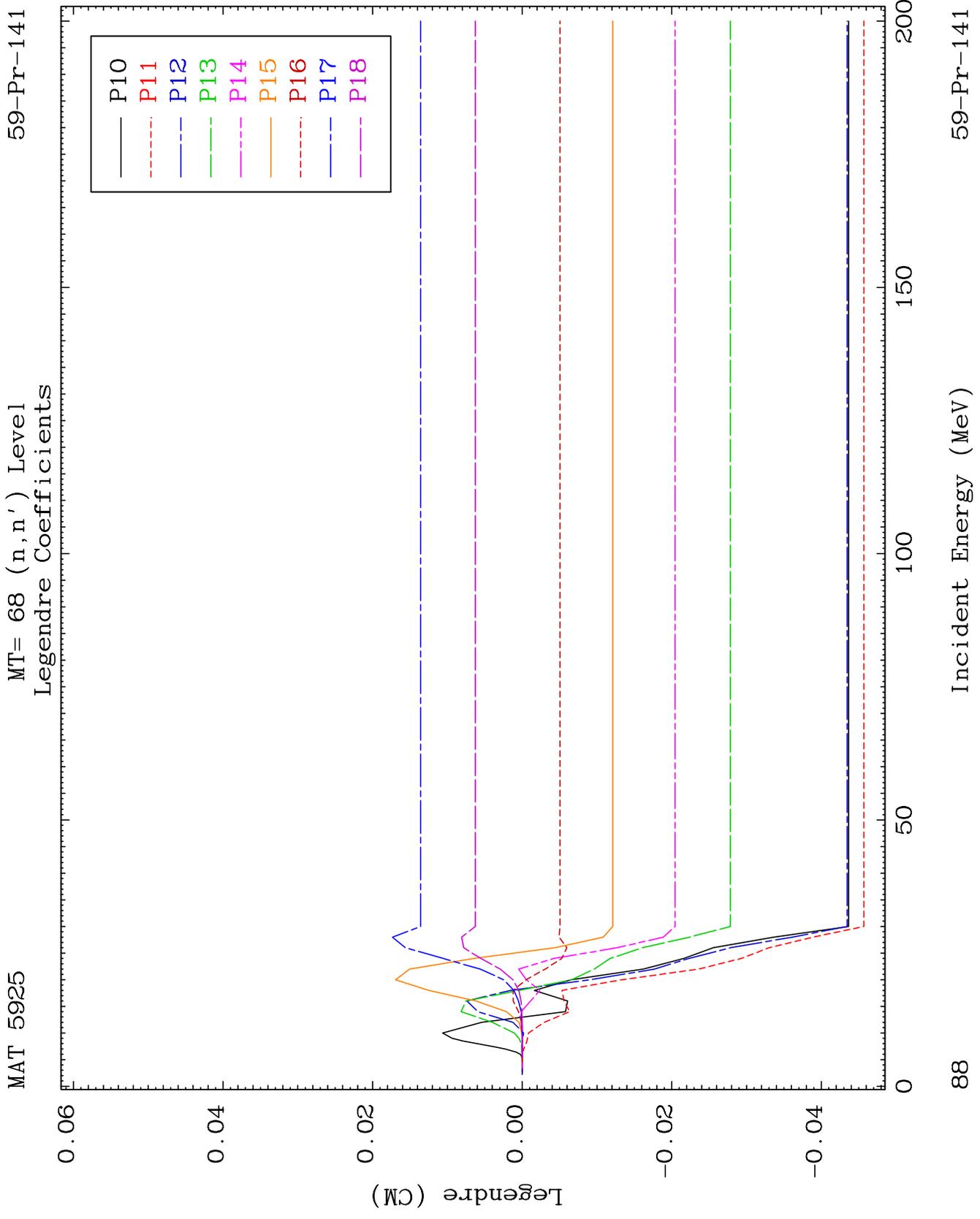
MT= 68 (n,n') Level
Legendre Coefficients

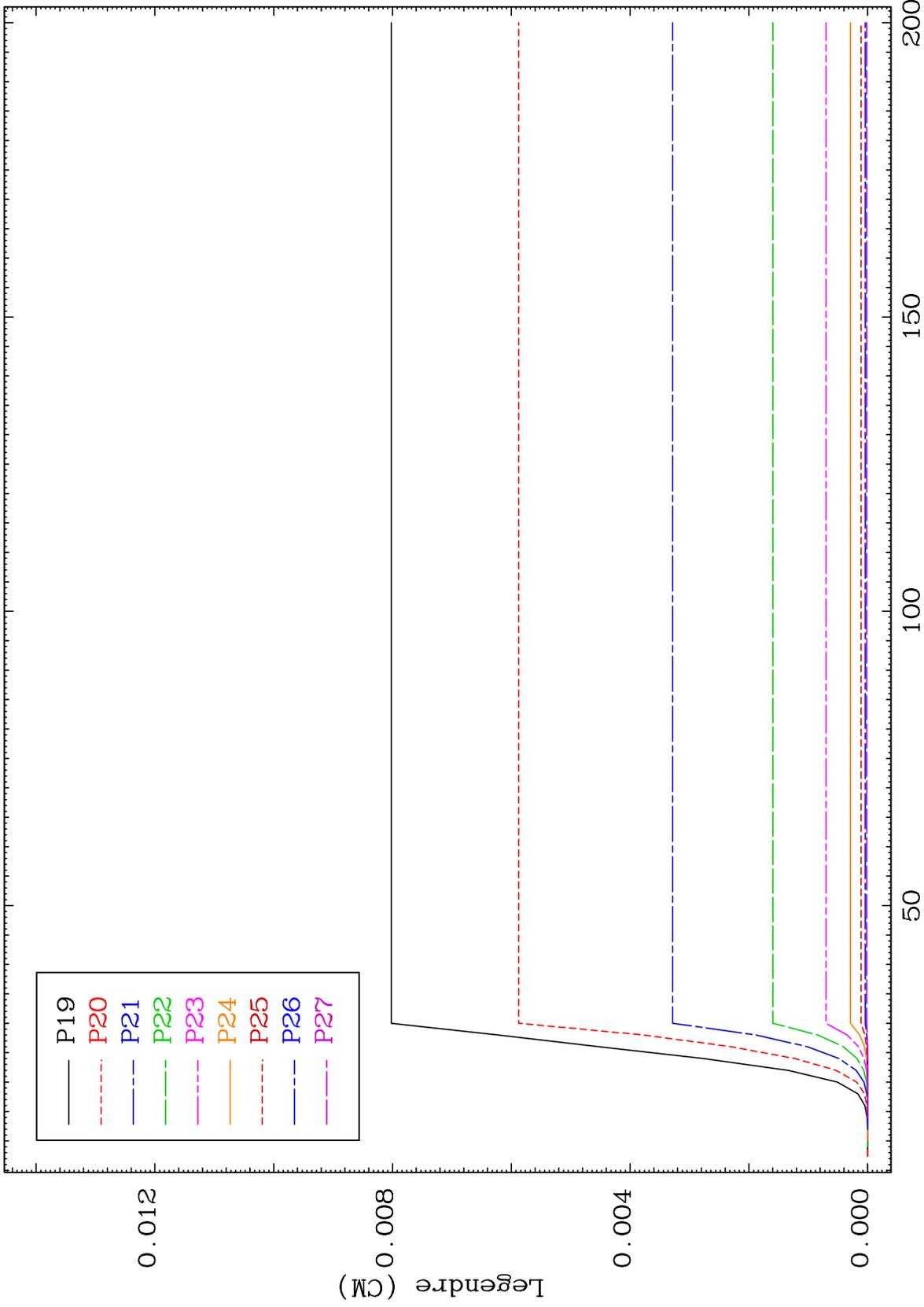
59-Pr-141



87

59-Pr-141

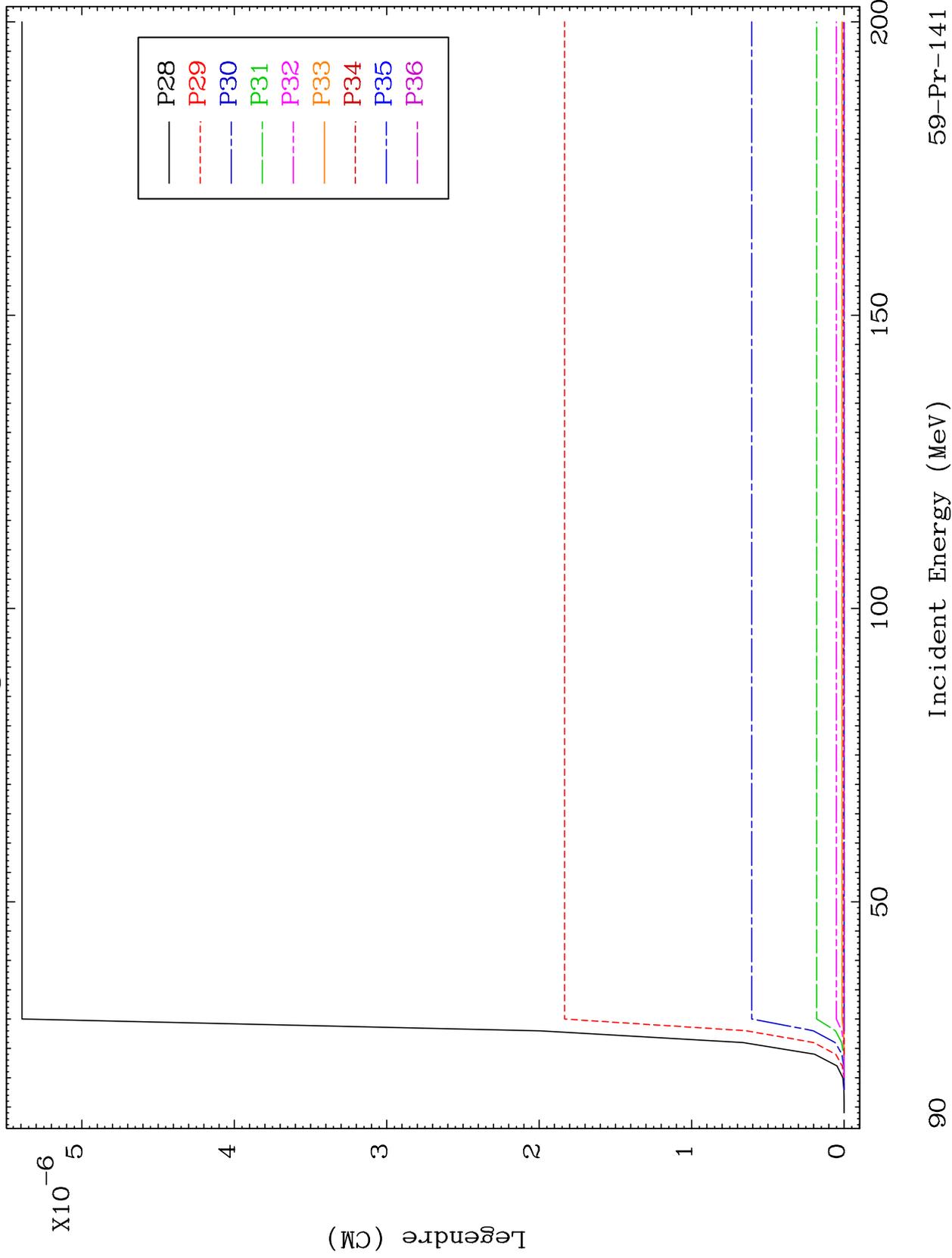




MAT 5925

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

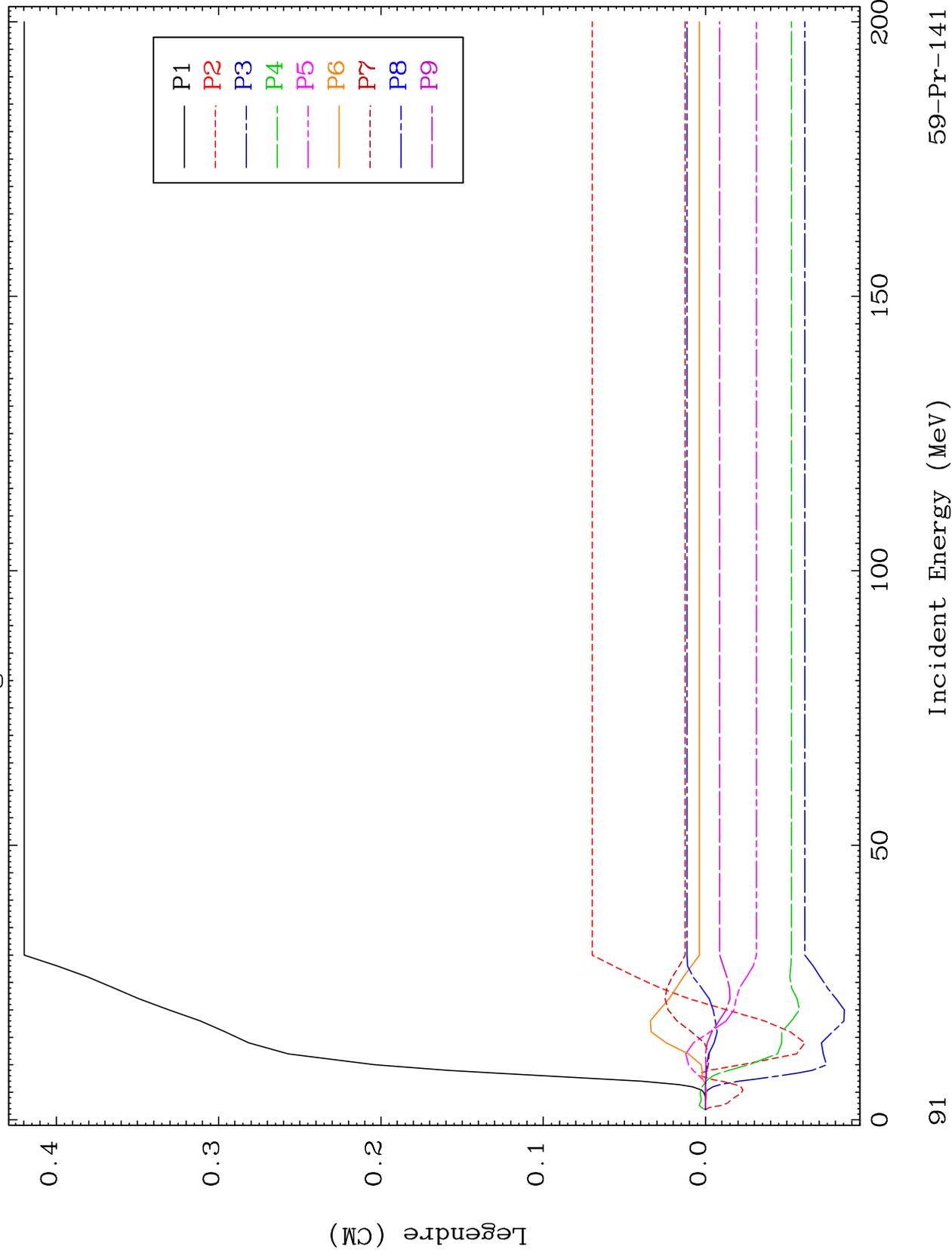
59-Pr-141



MAT 5925

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

59-Pr-141



91

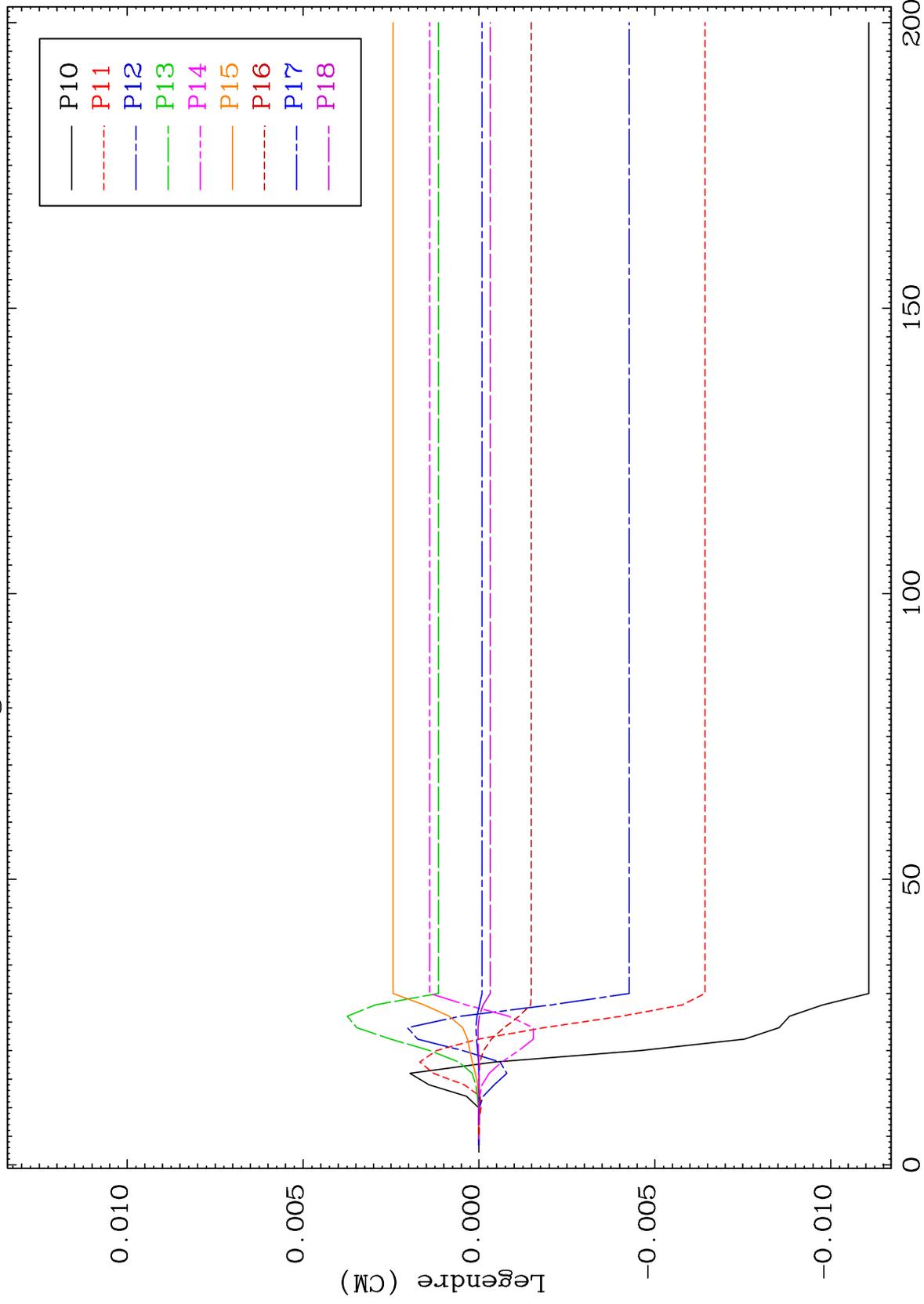
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

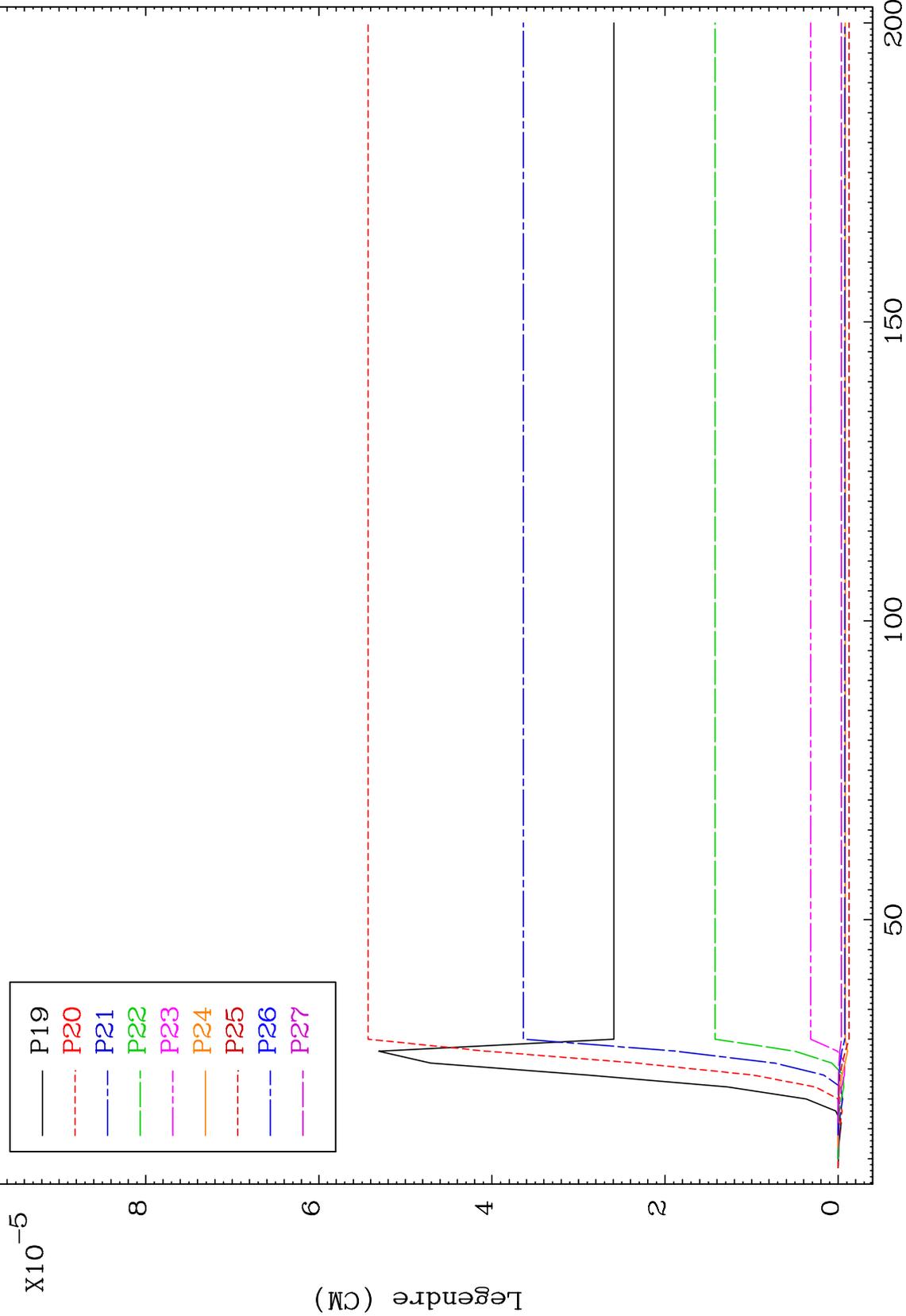
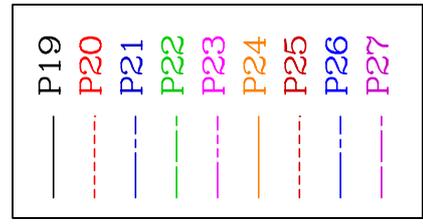
59-Pr-141



92

Incident Energy (MeV)

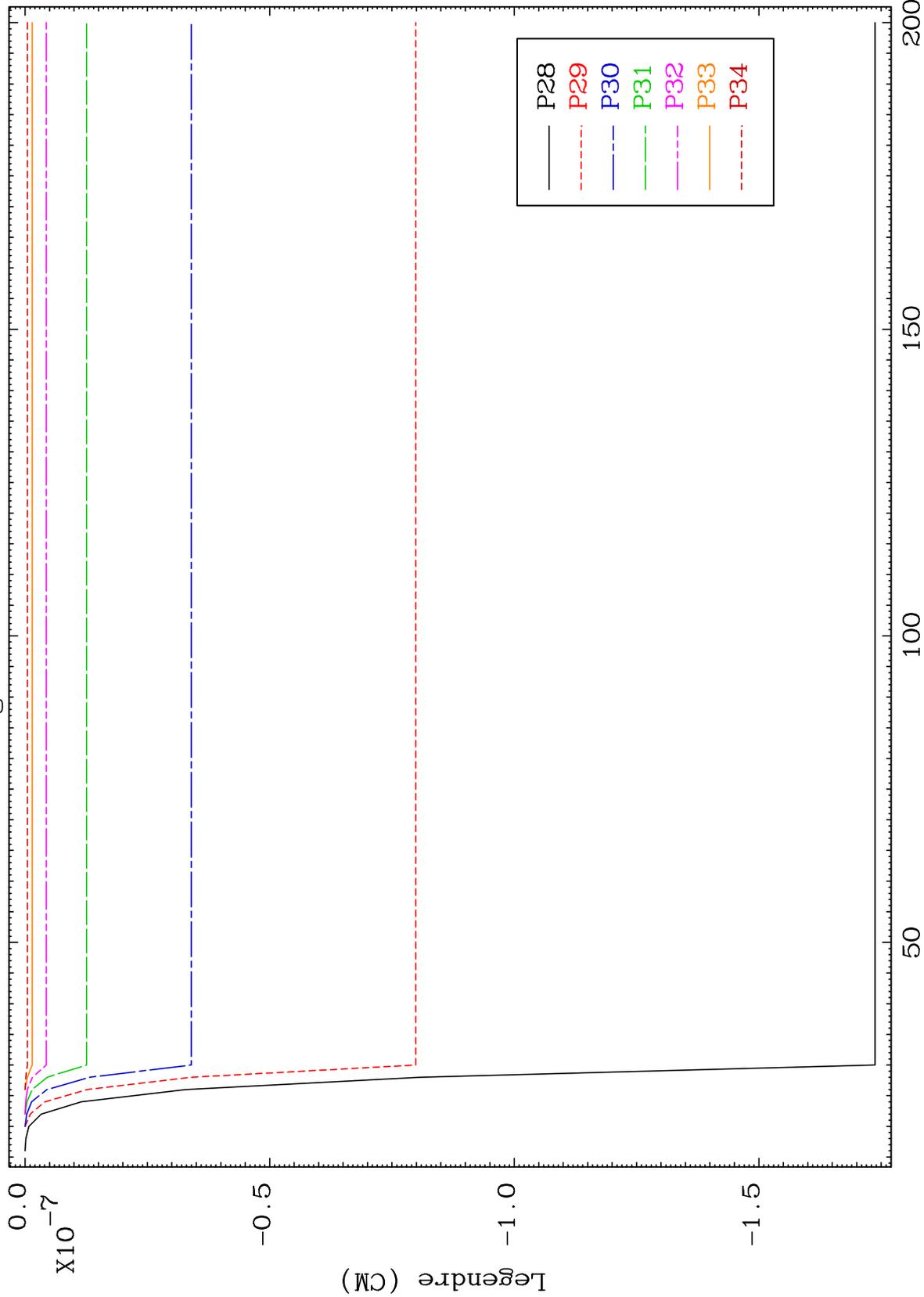
59-Pr-141



MAT 5925

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

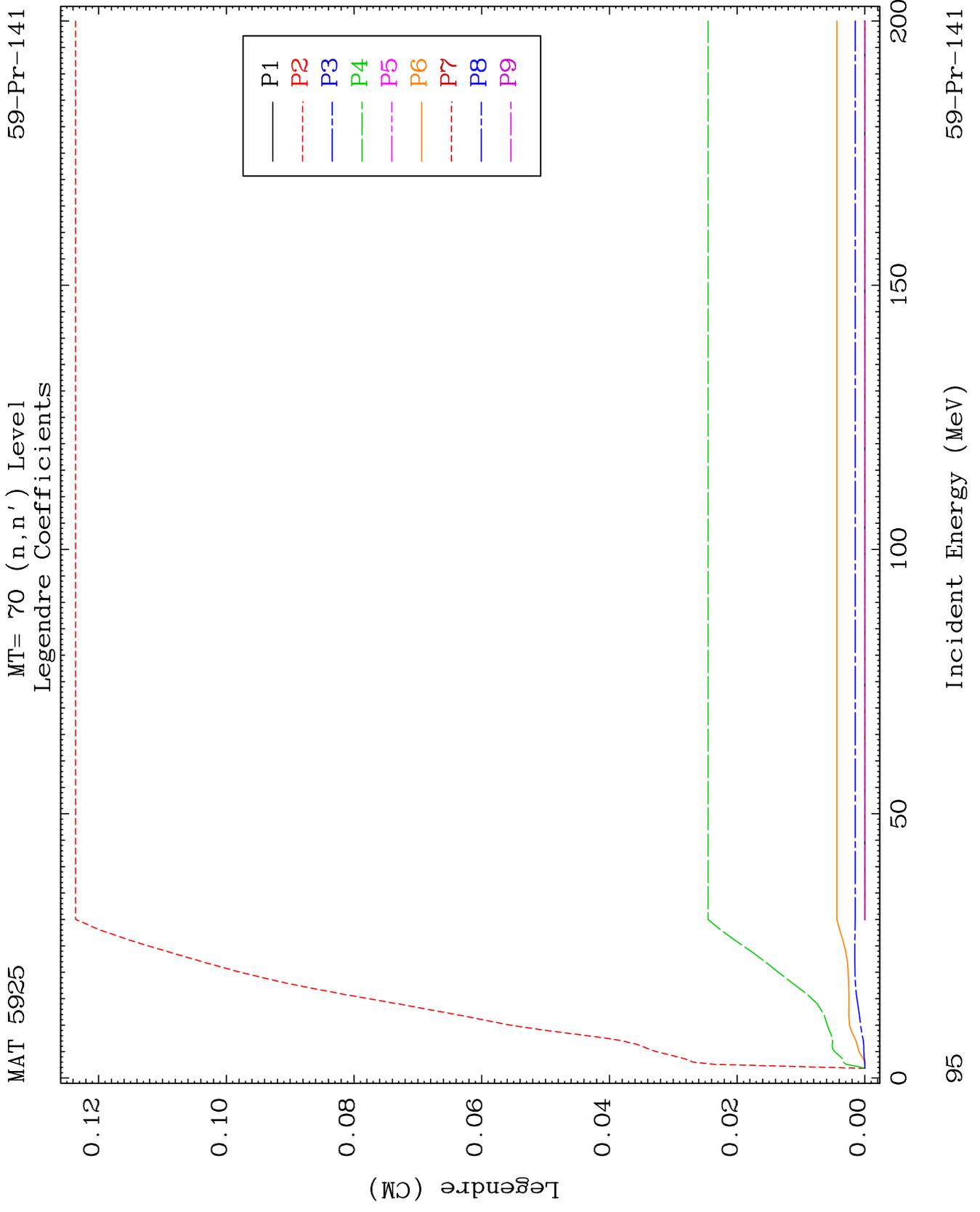
59-Pr-141



94

Incident Energy (MeV)

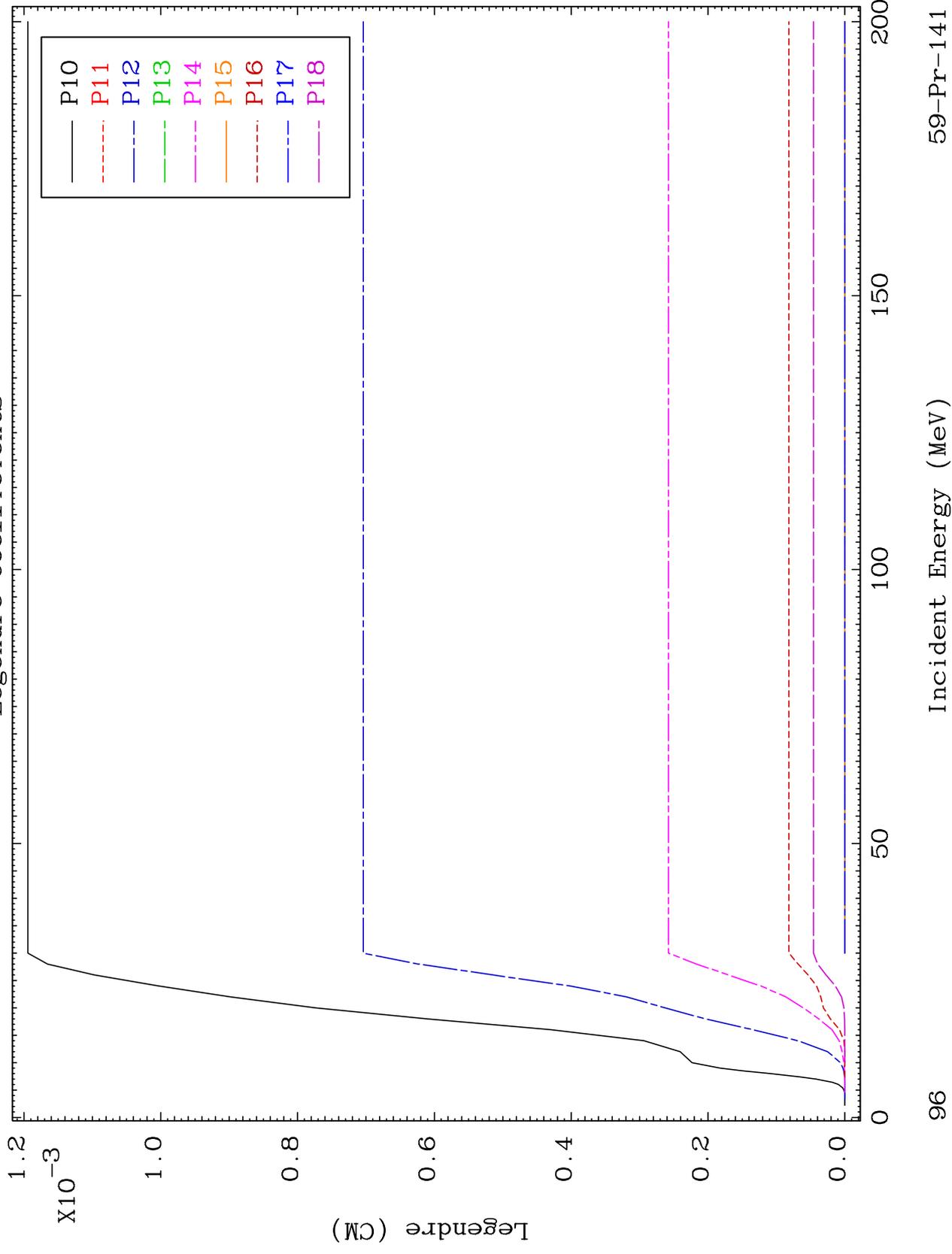
59-Pr-141



MAT 5925

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

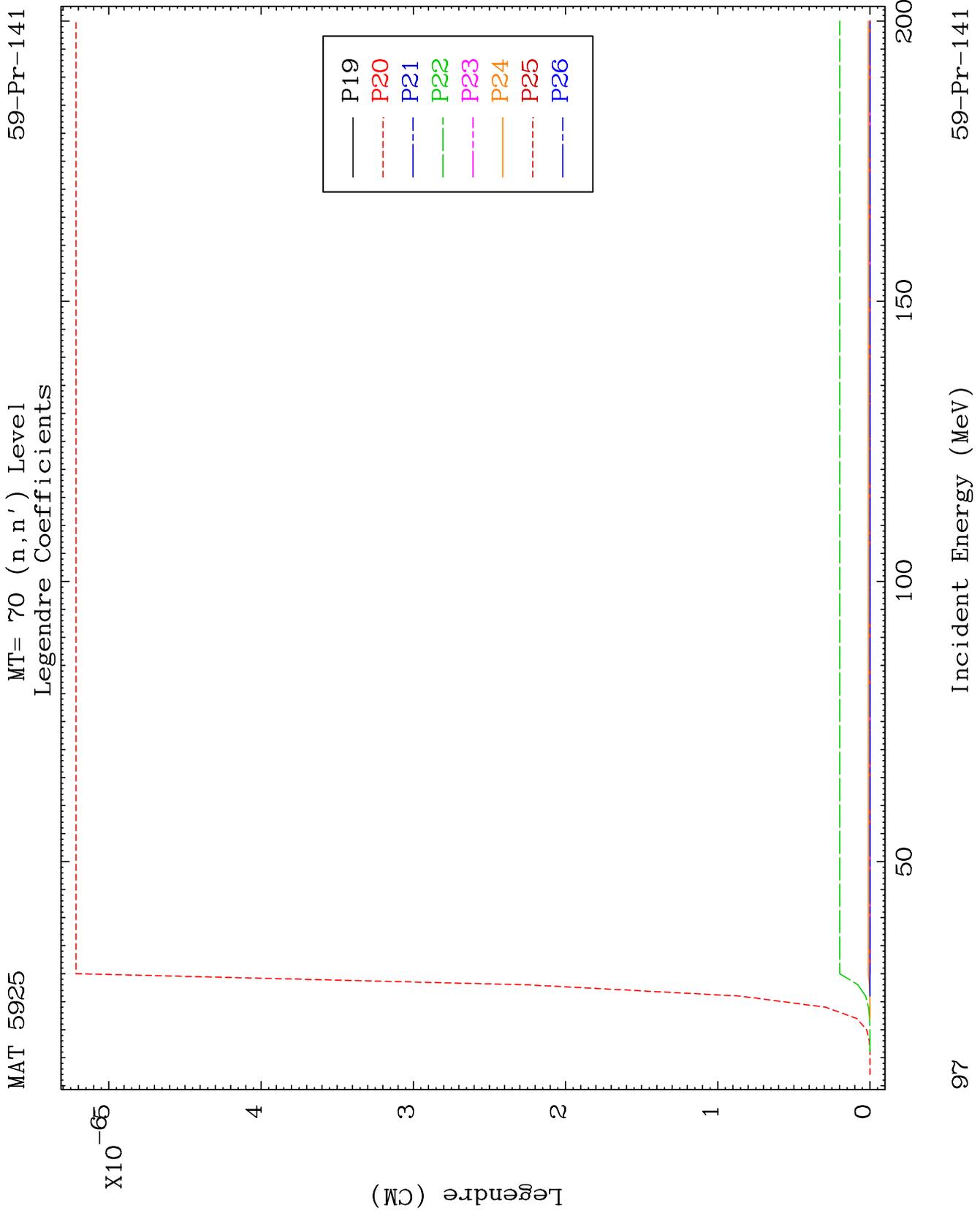
59-Pr-141



59-Pr-141

Incident Energy (MeV)

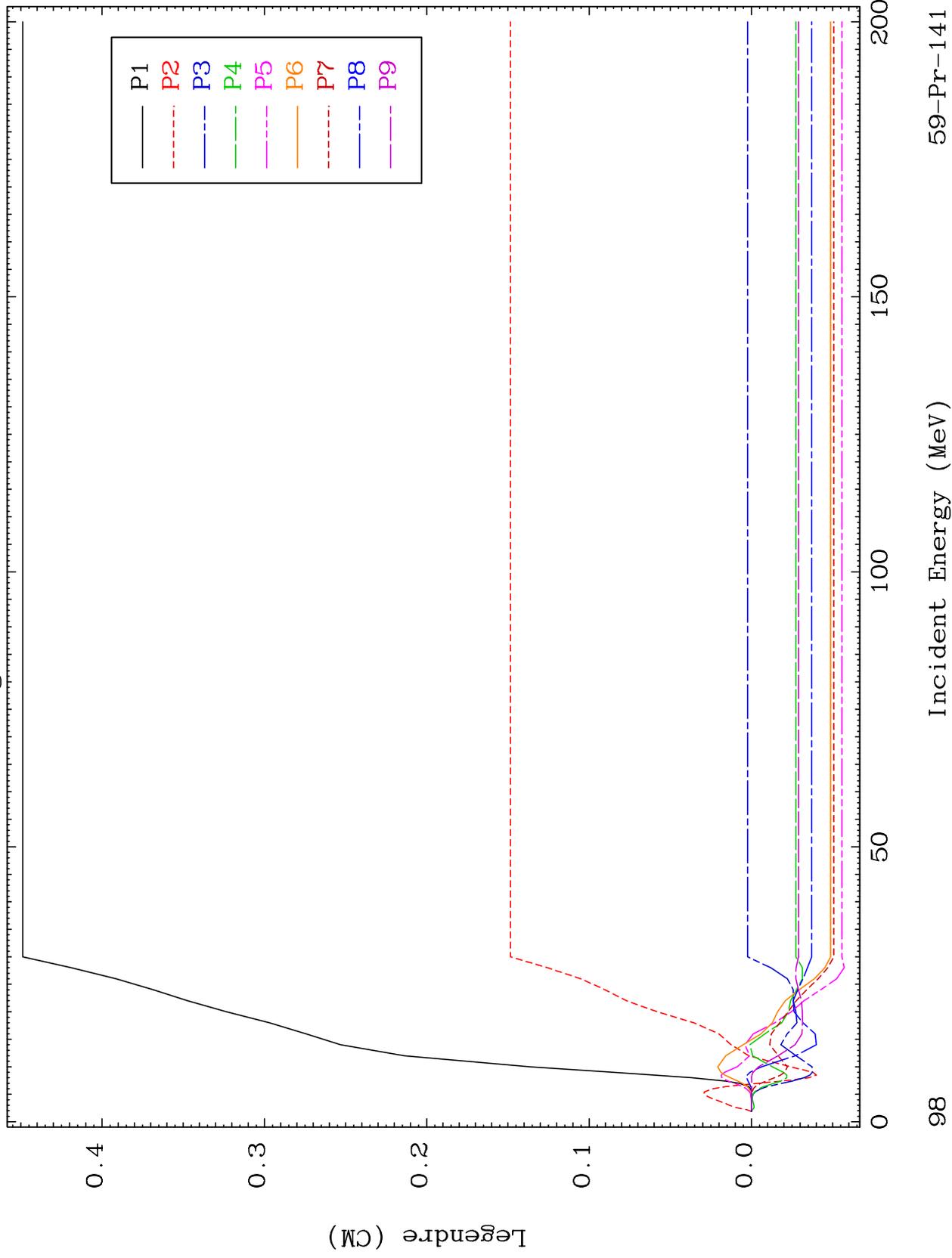
96



MAT 5925

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

59-Pr-141



59-Pr-141

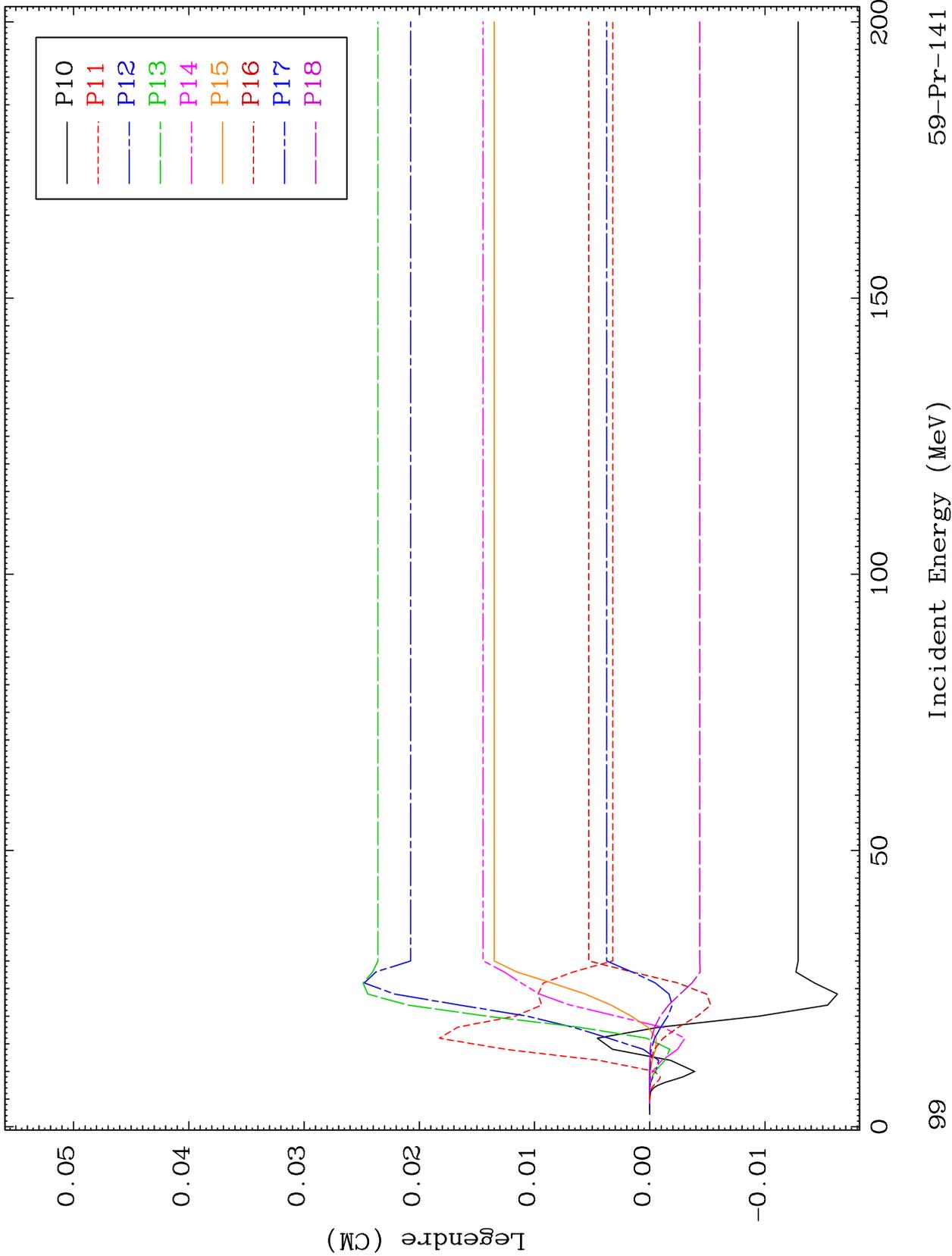
Incident Energy (MeV)

98

MAT 5925

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

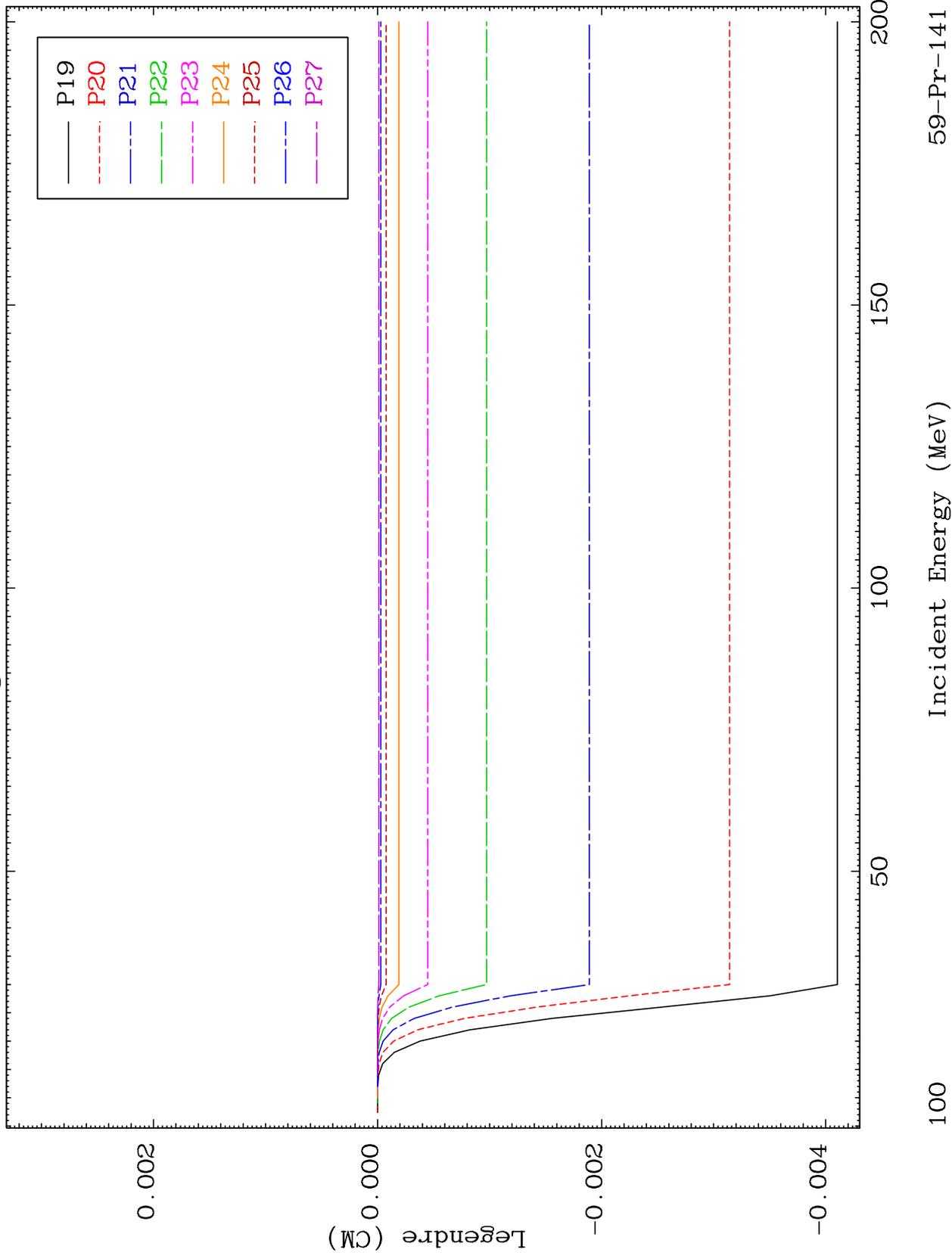
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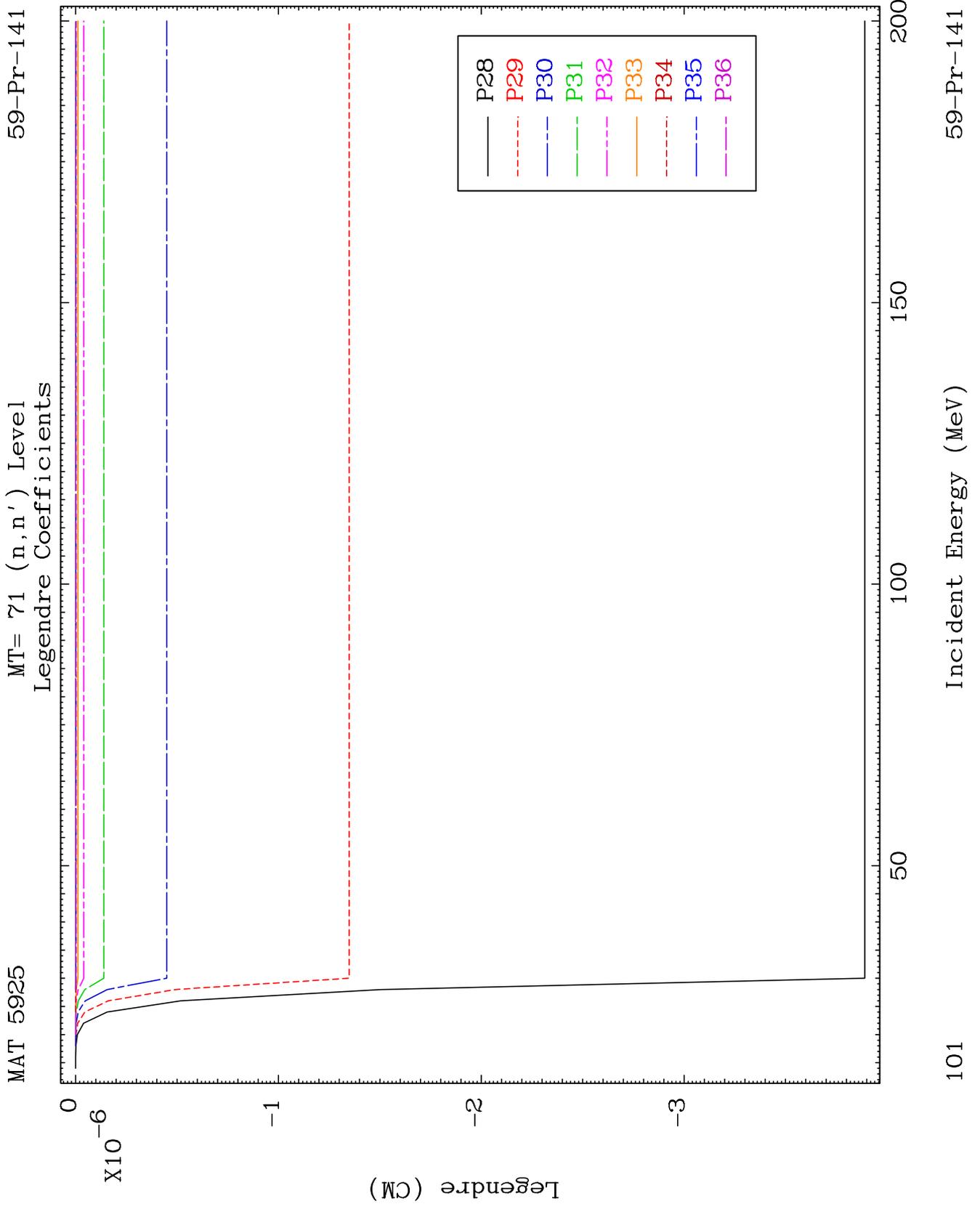


MAT 5925

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

59-Pr-141

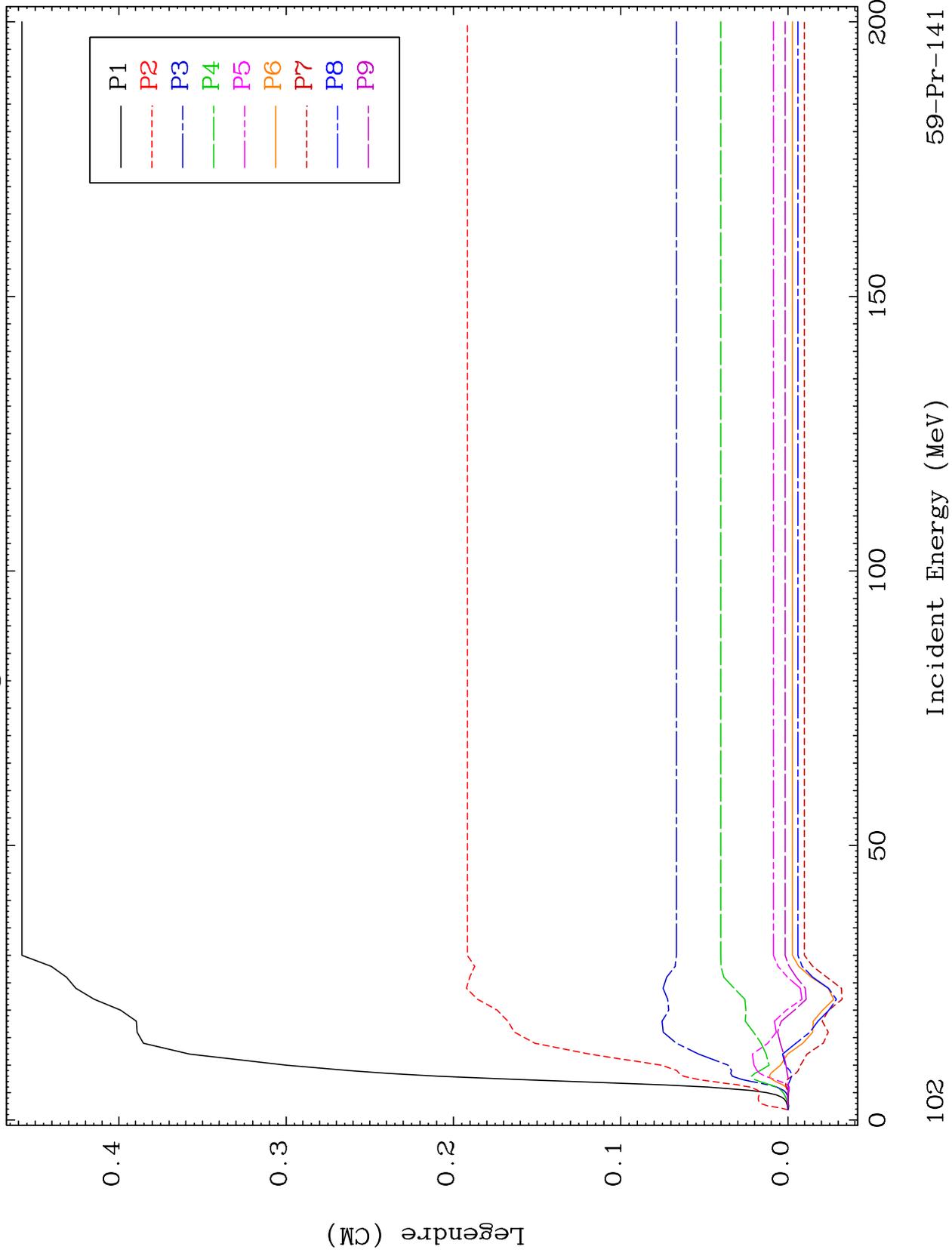




MAT 5925

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

59-Pr-141



59-Pr-141

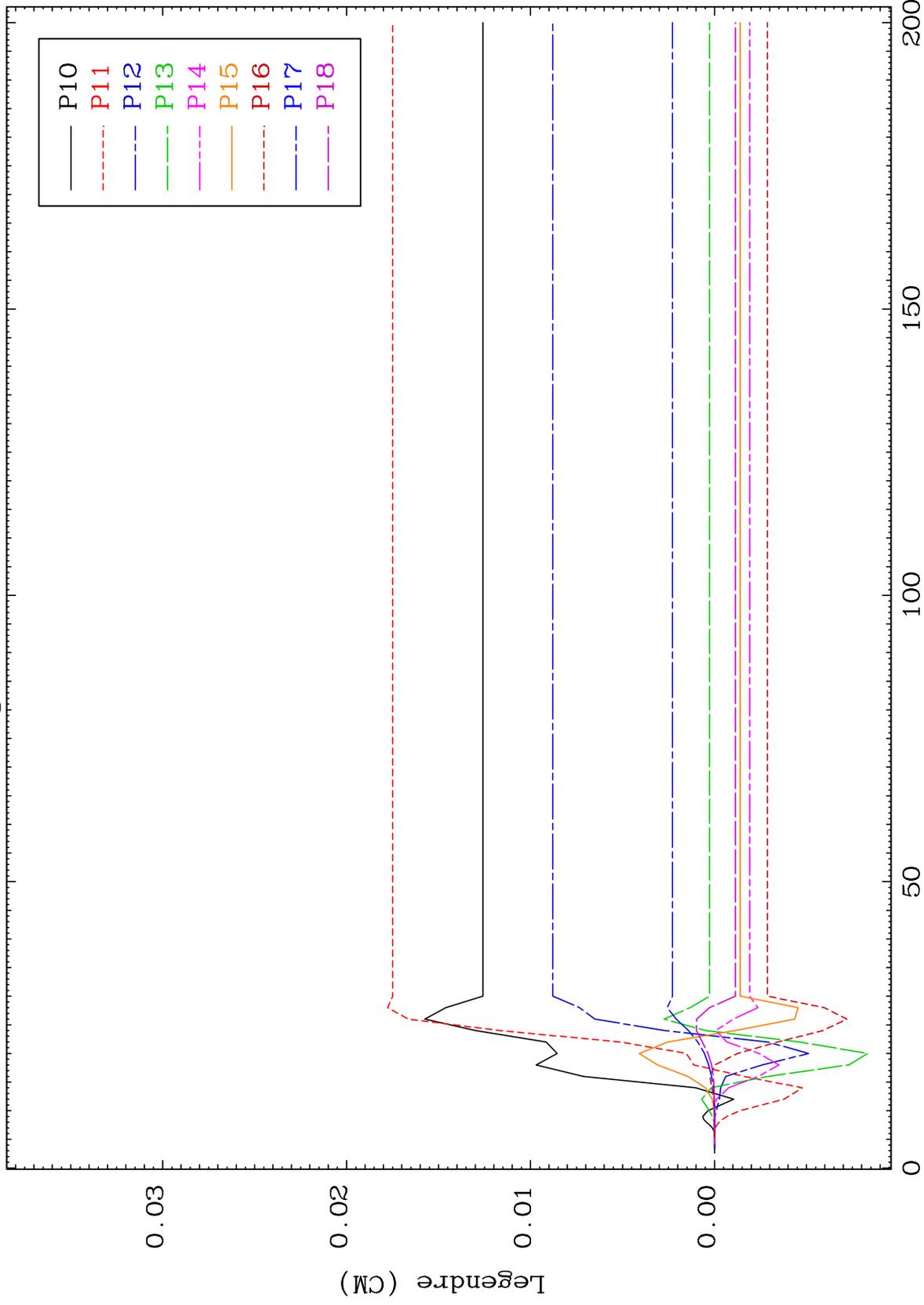
Incident Energy (MeV)

102

MAT 5925

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

59-Pr-141



59-Pr-141

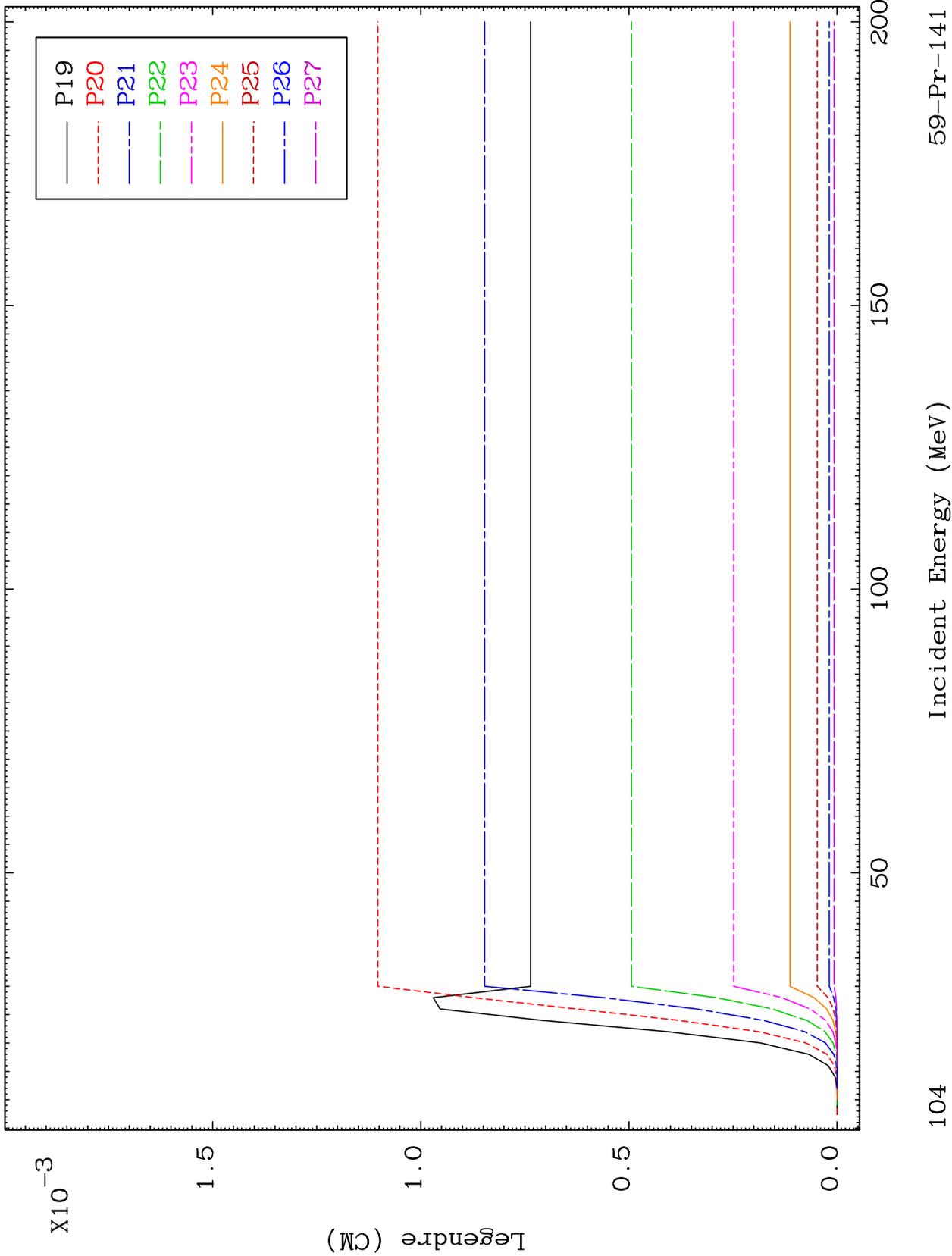
Incident Energy (MeV)

103

MAT 5925

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

59-Pr-141



104

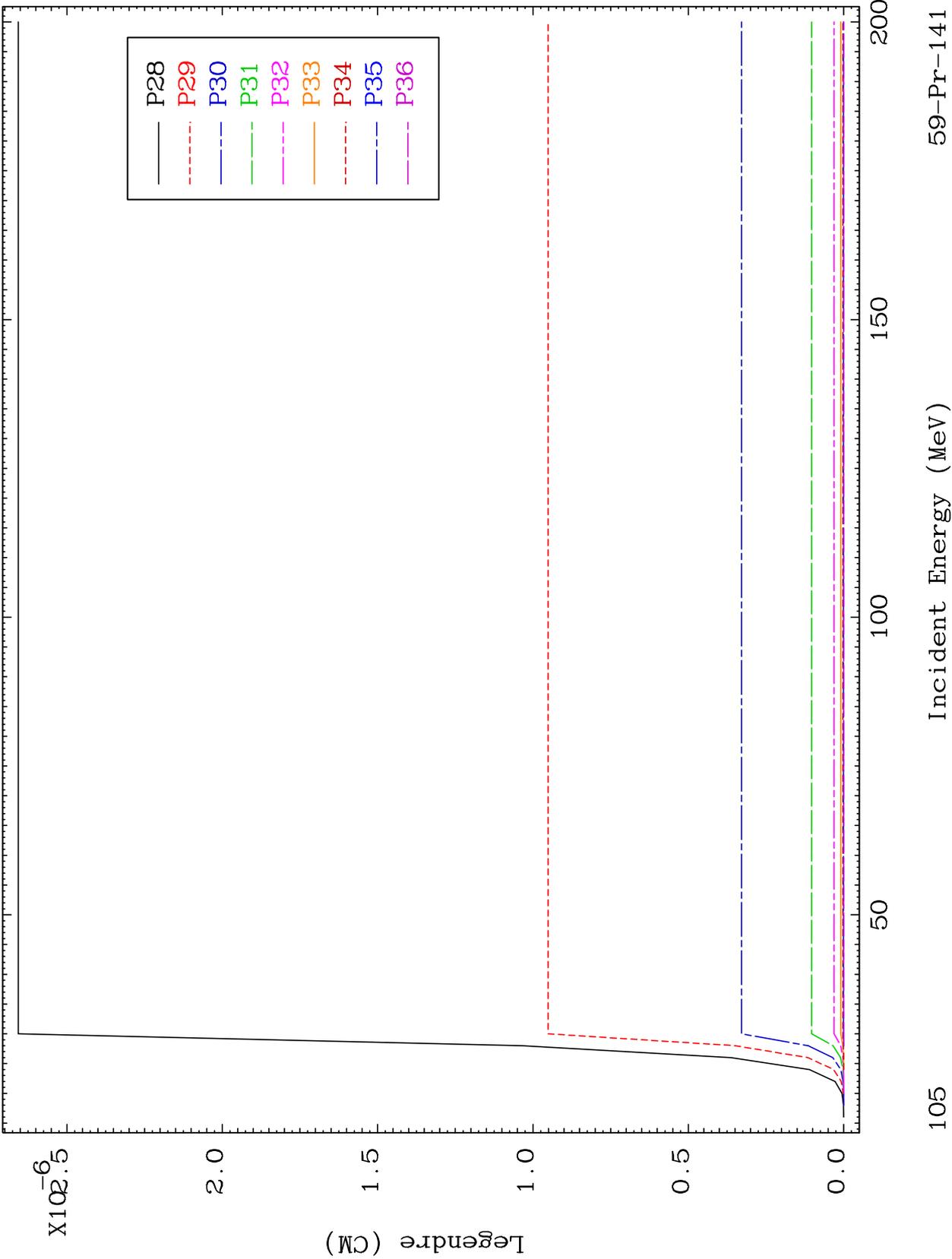
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

59-Pr-141



59-Pr-141

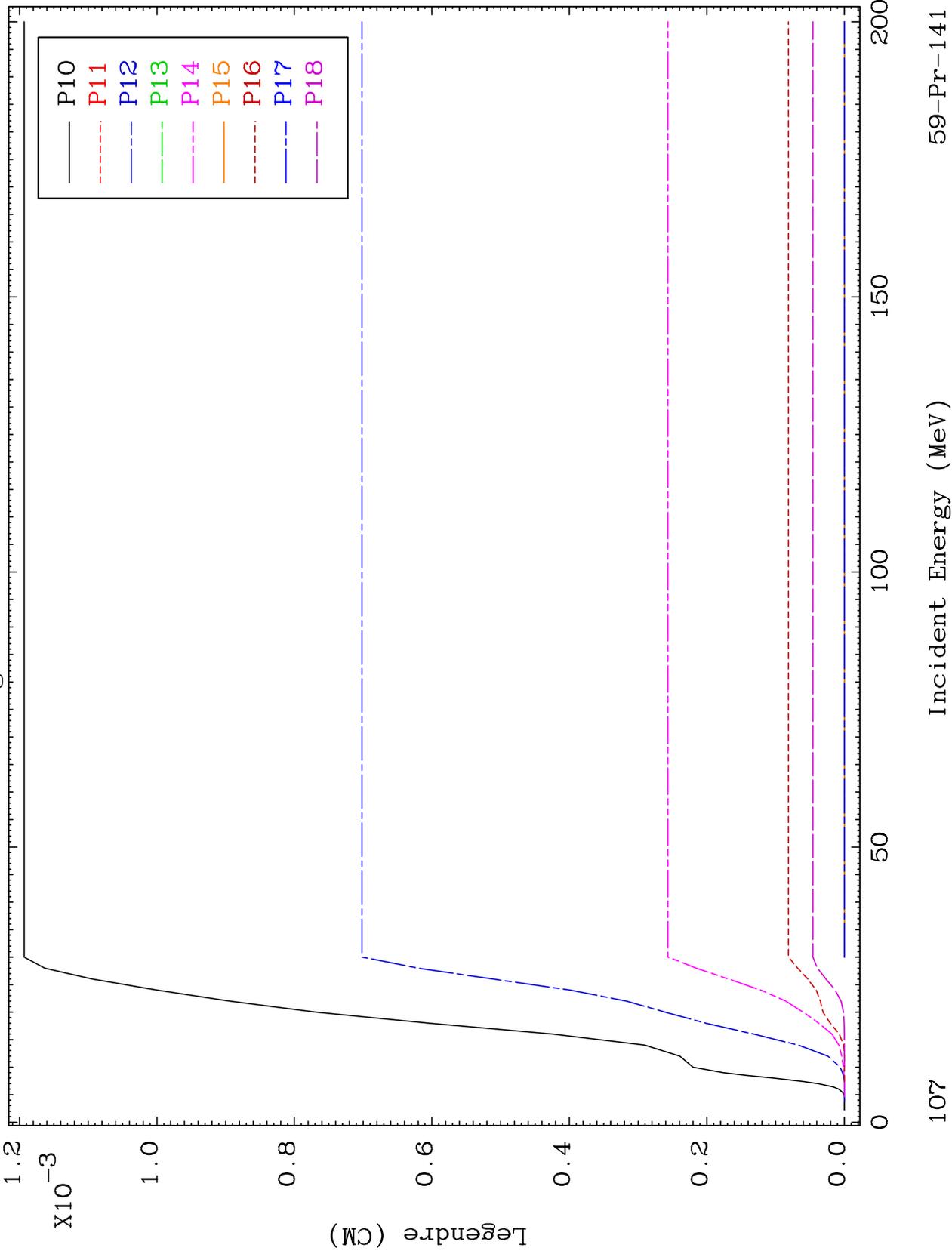
Incident Energy (MeV)

105

MAT 5925

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

59-Pr-141



59-Pr-141

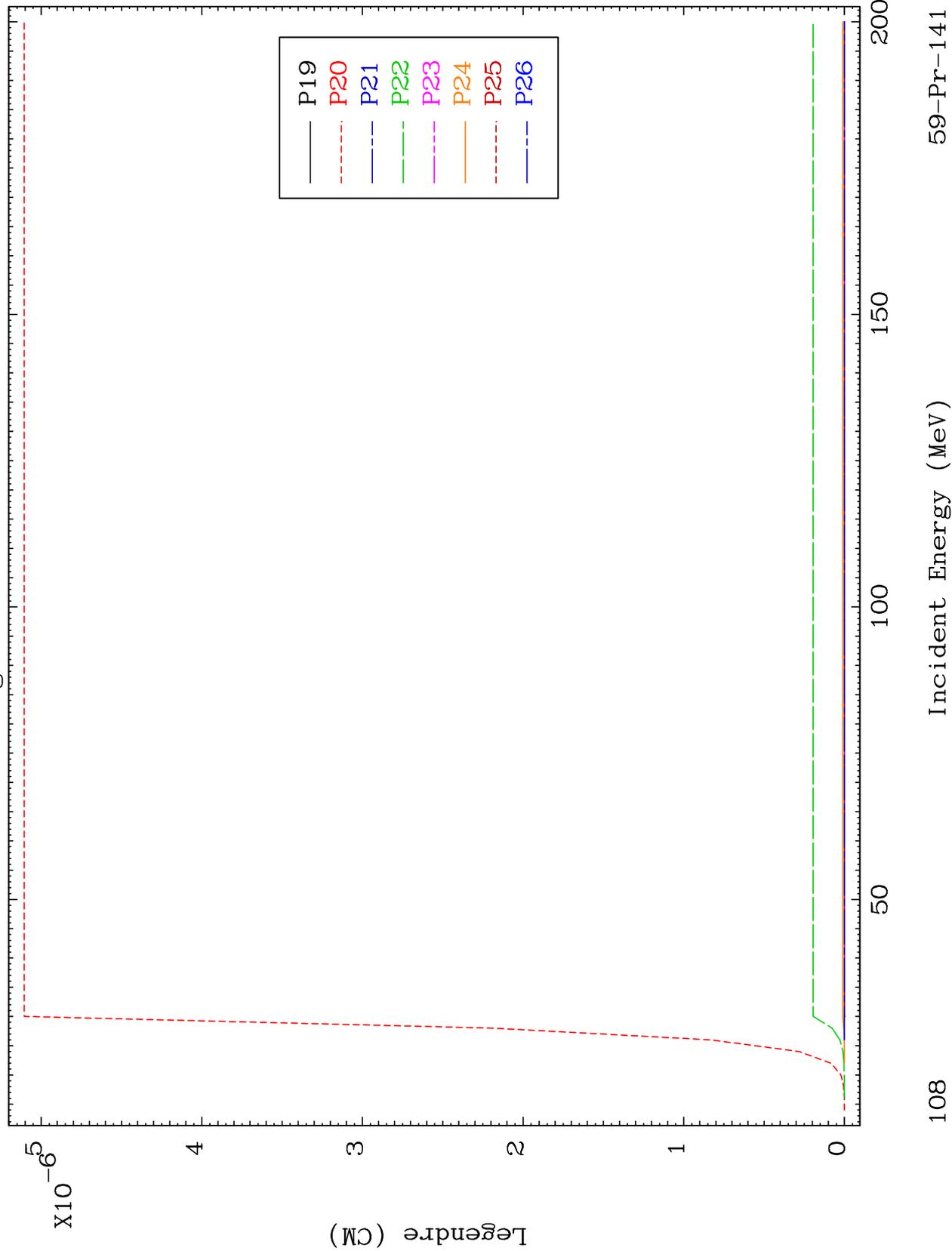
Incident Energy (MeV)

107

MAT 5925

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

59-Pr-141



59-Pr-141

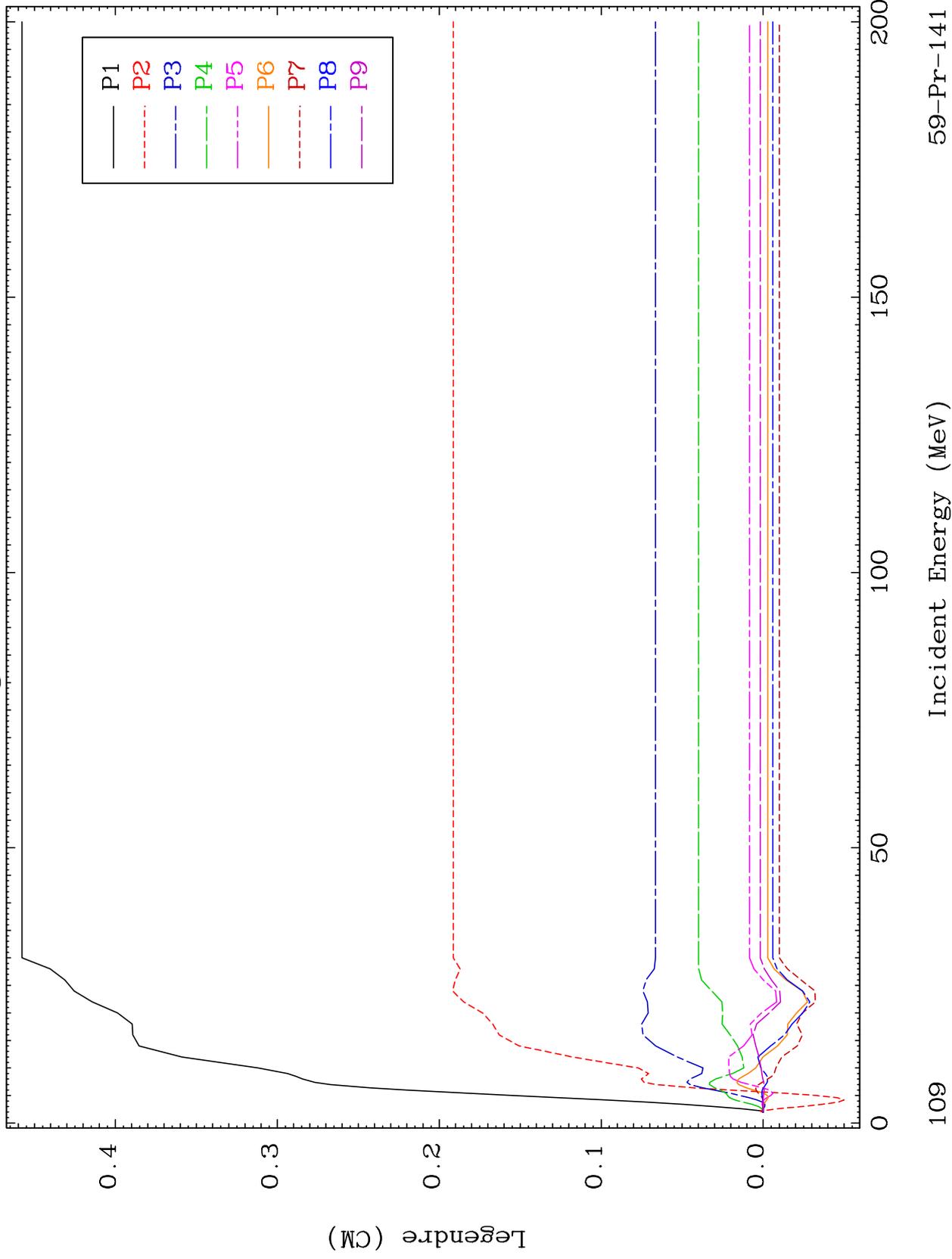
Incident Energy (MeV)

108

MAT 5925

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

59-Pr-141



59-Pr-141

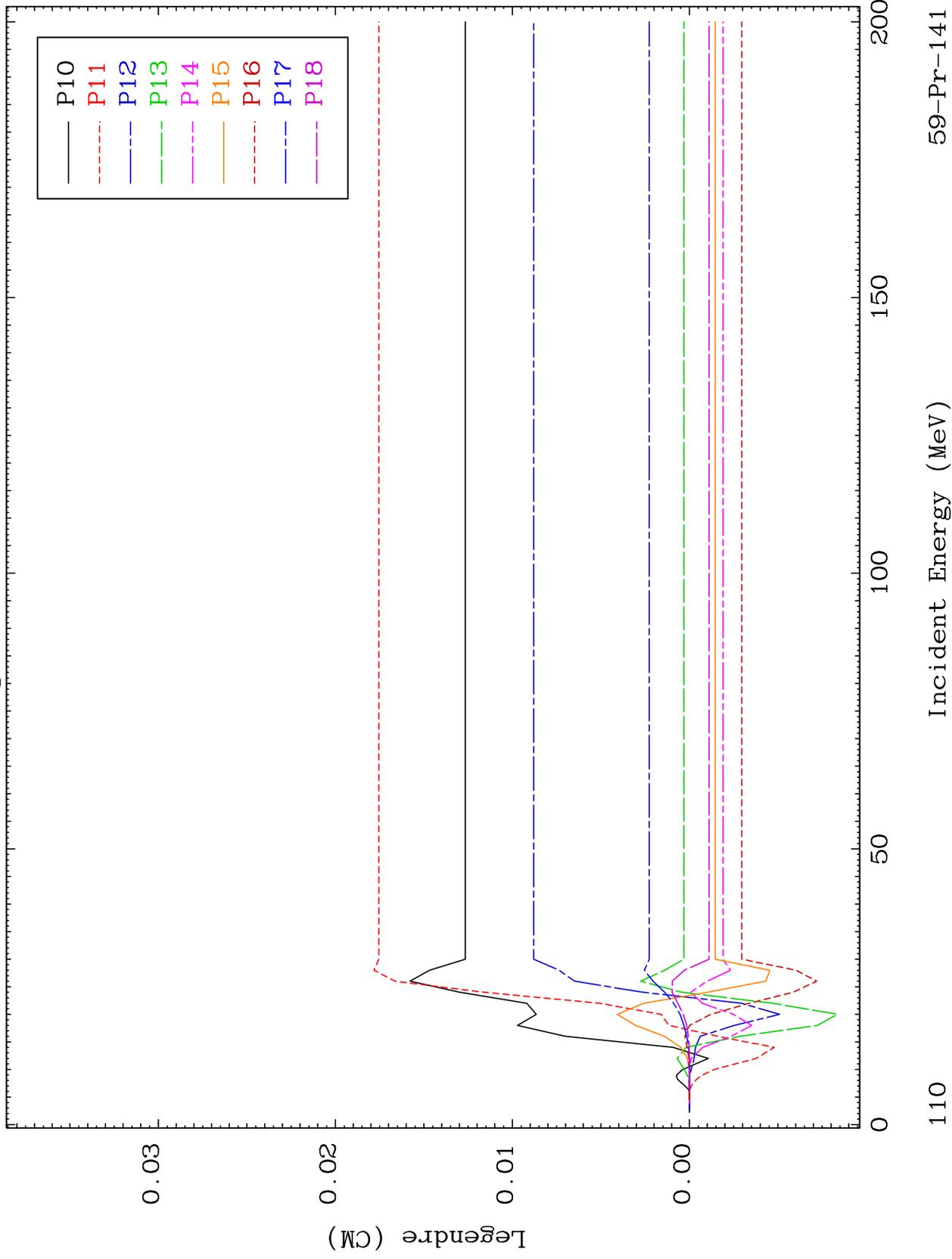
Incident Energy (MeV)

109

MAT 5925

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

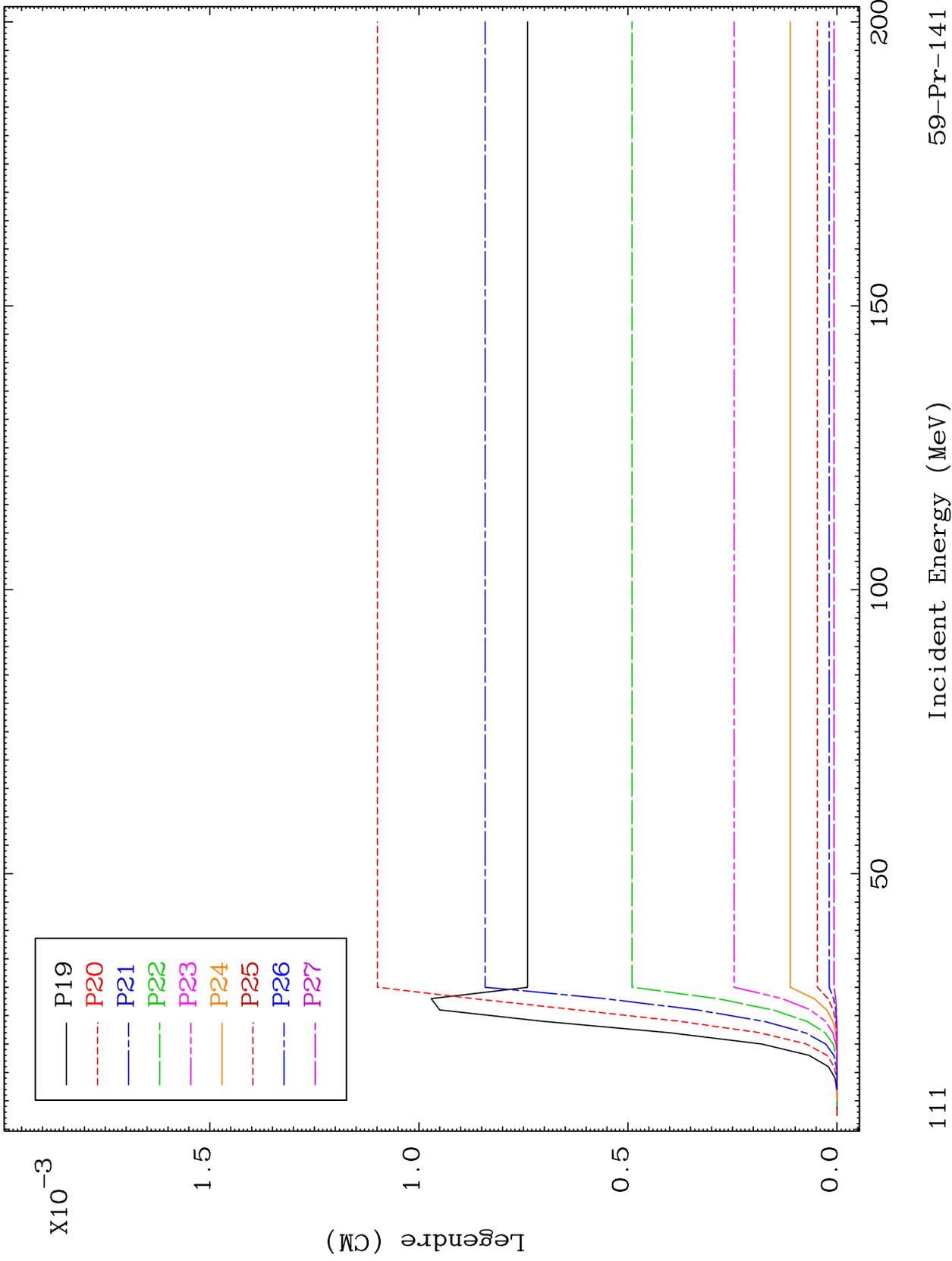
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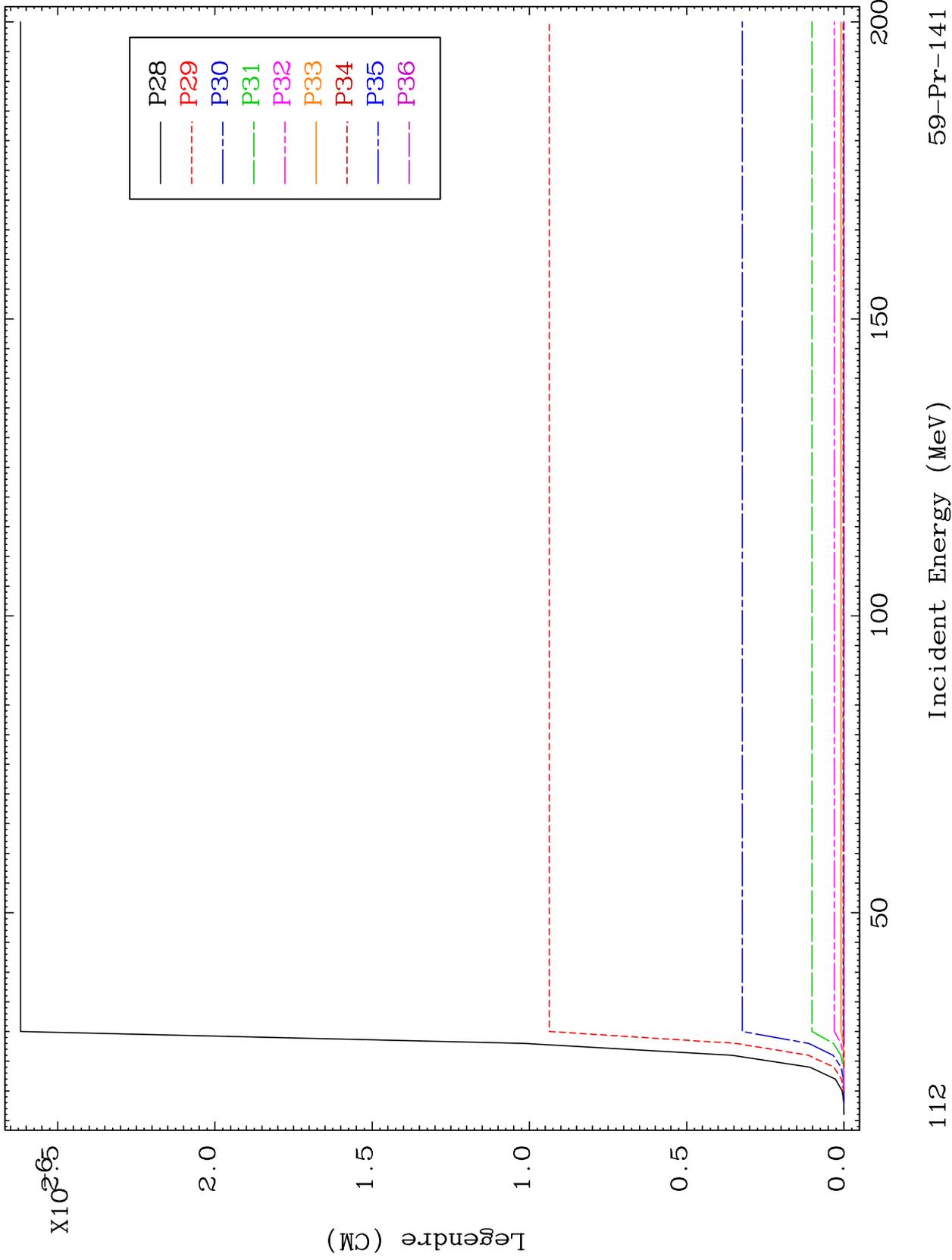


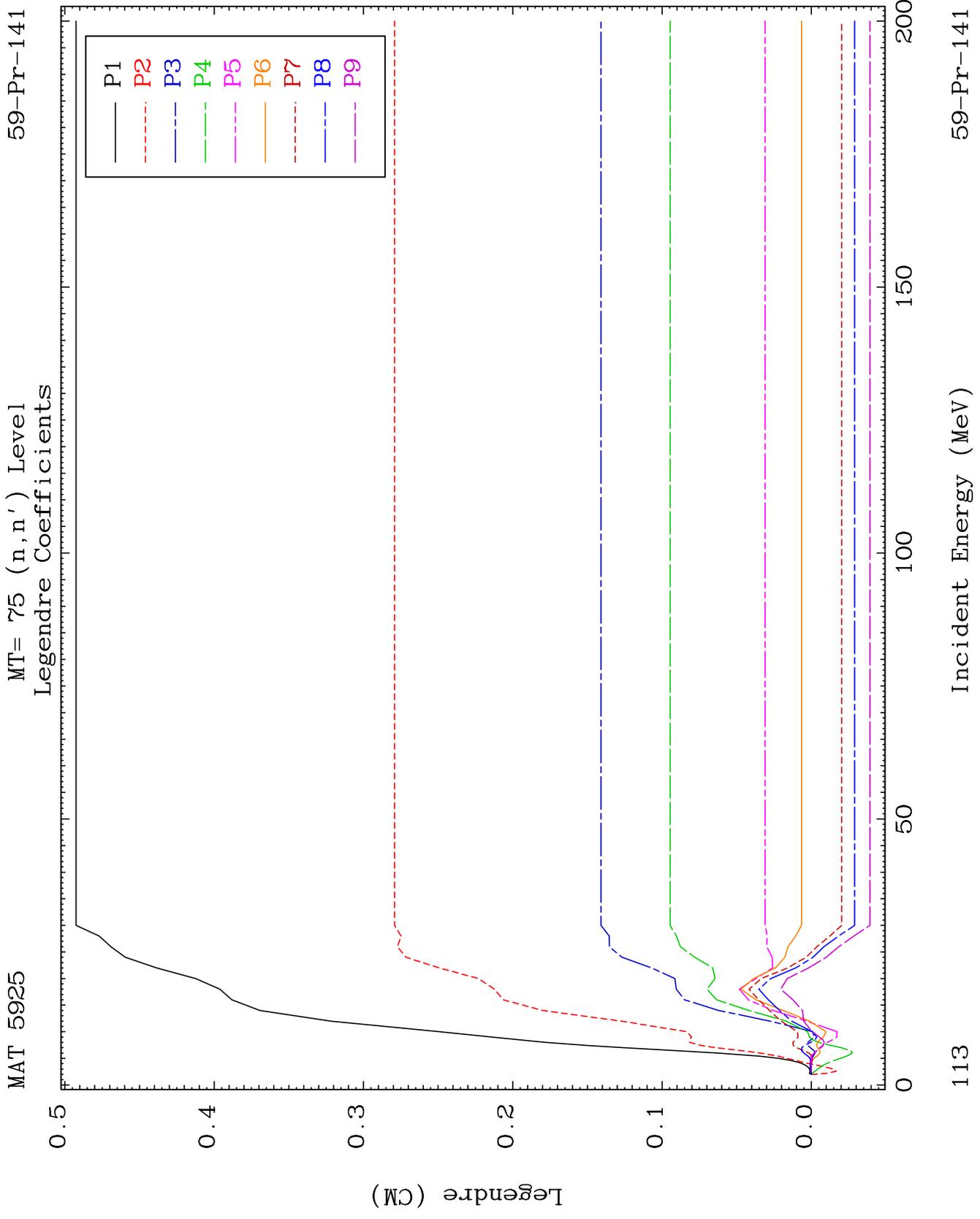
59-Pr-141

Incident Energy (MeV)

110



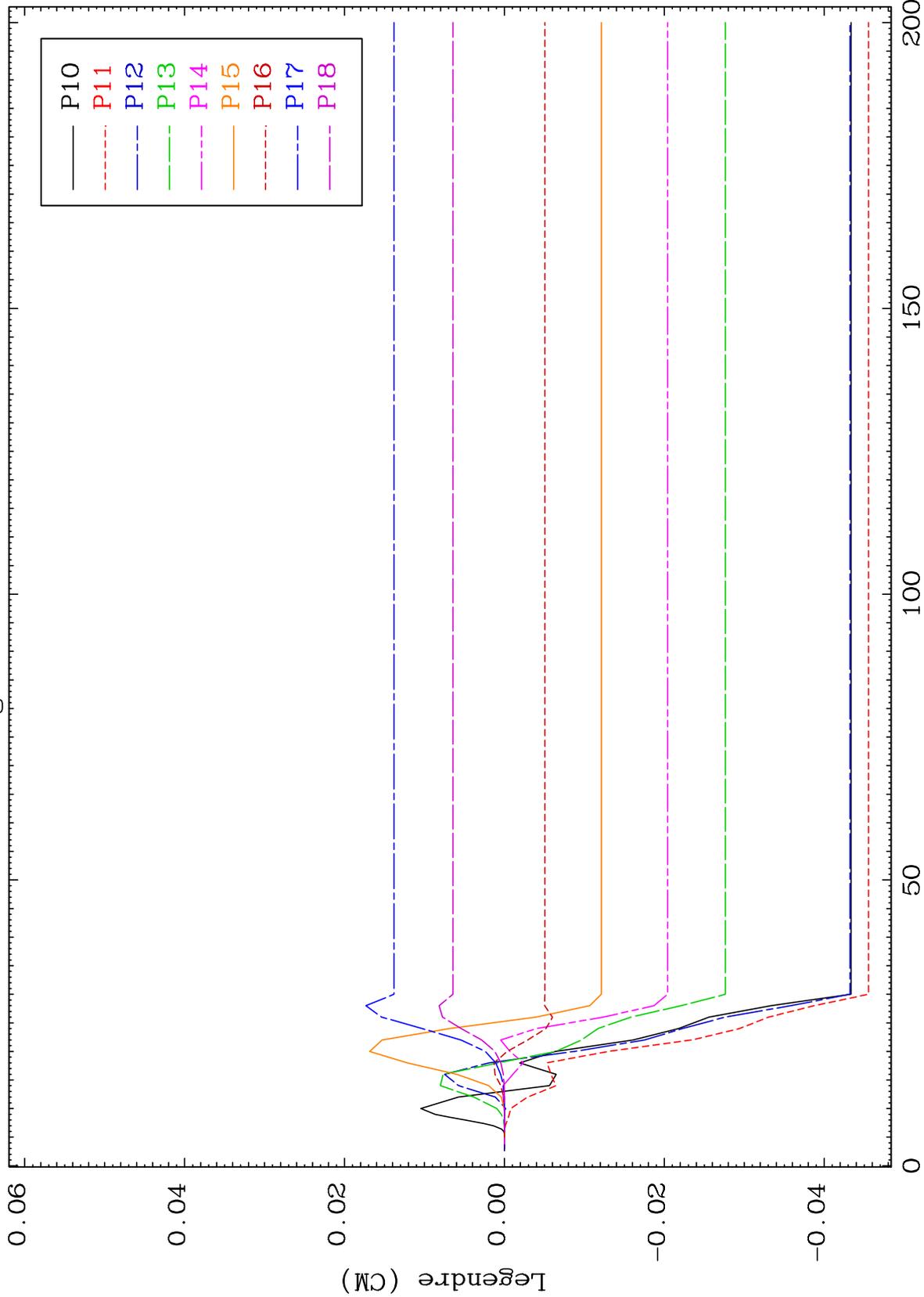




MAT 5925

59-Pr-141

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



114

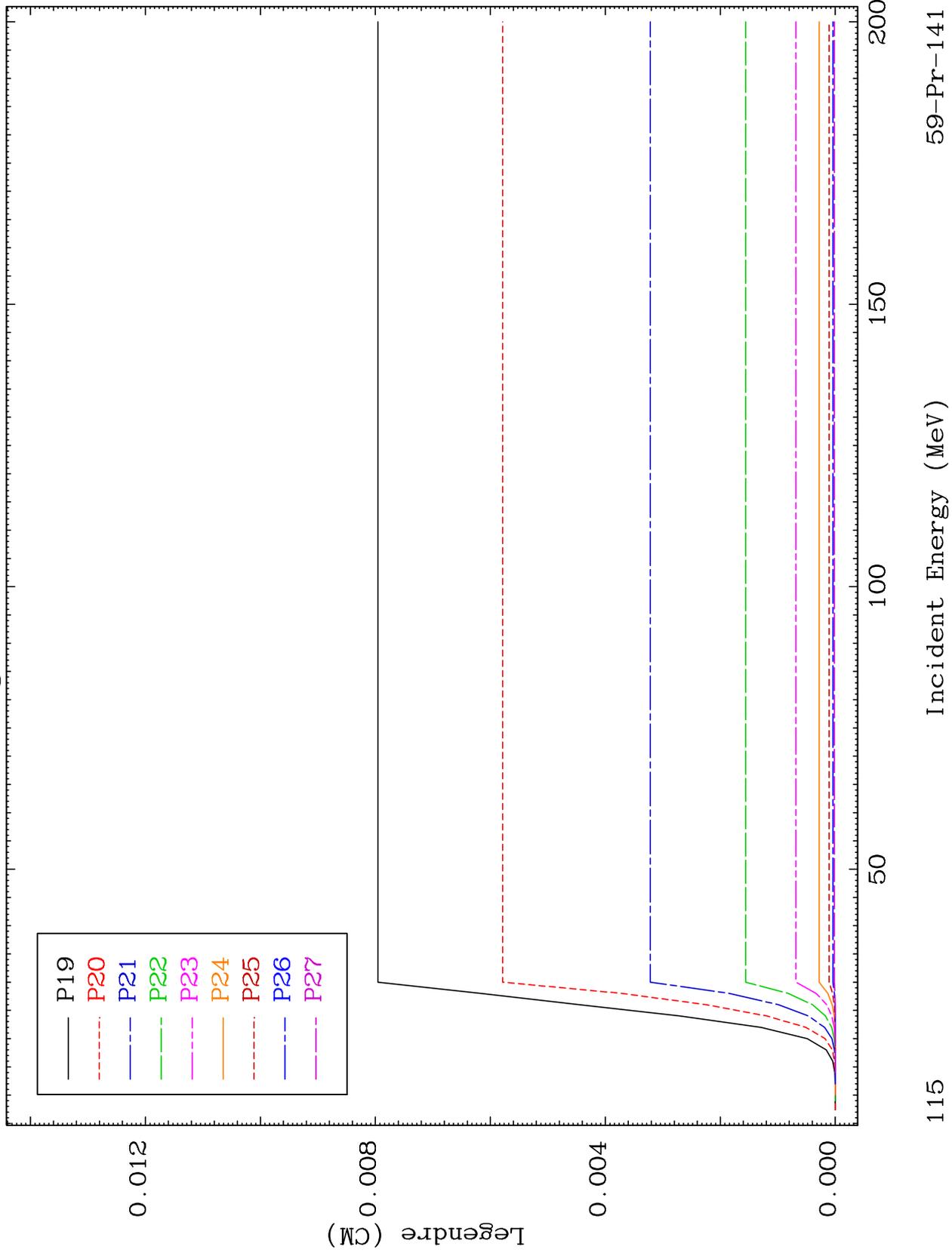
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

59-Pr-141



59-Pr-141

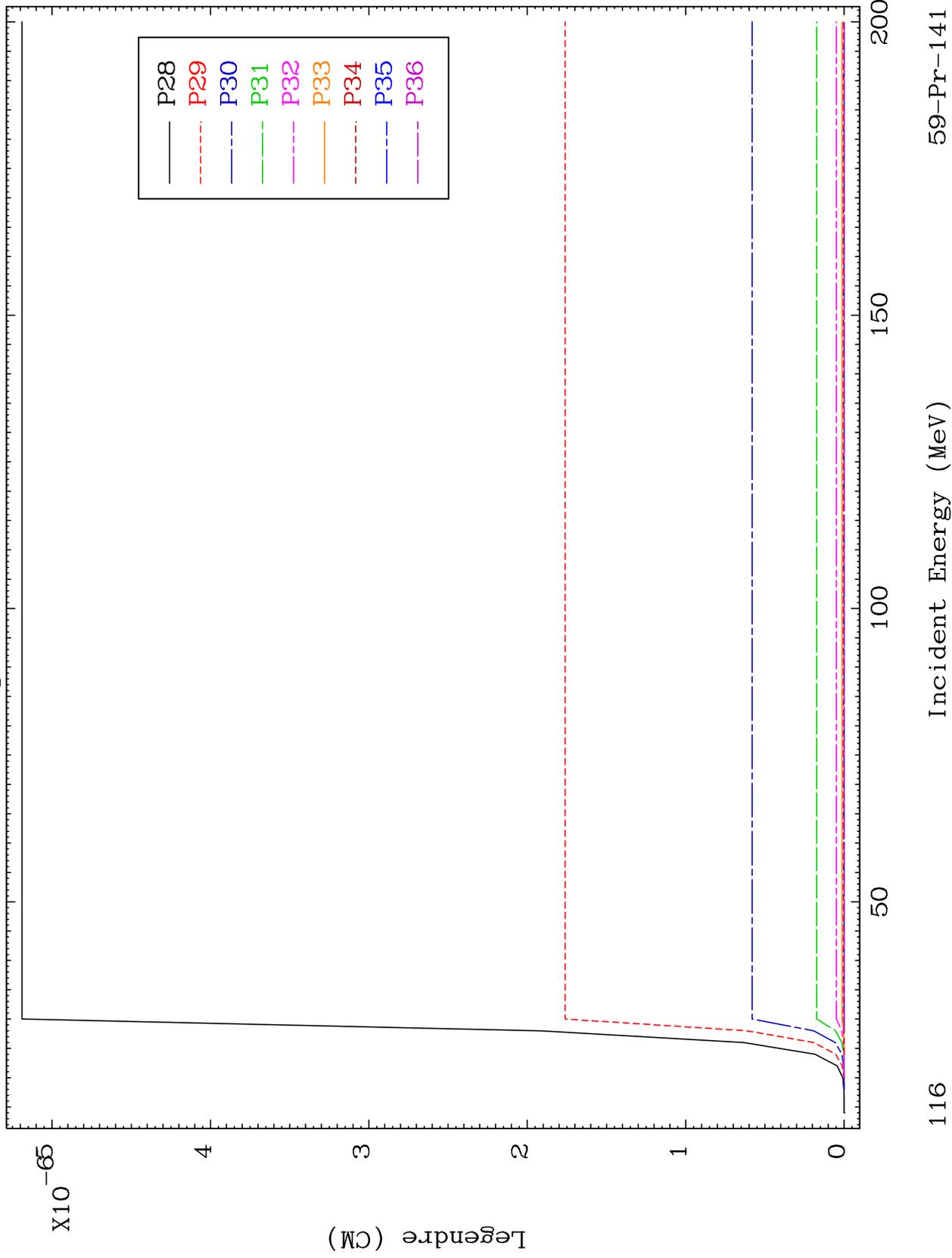
Incident Energy (MeV)

115

MAT 5925

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

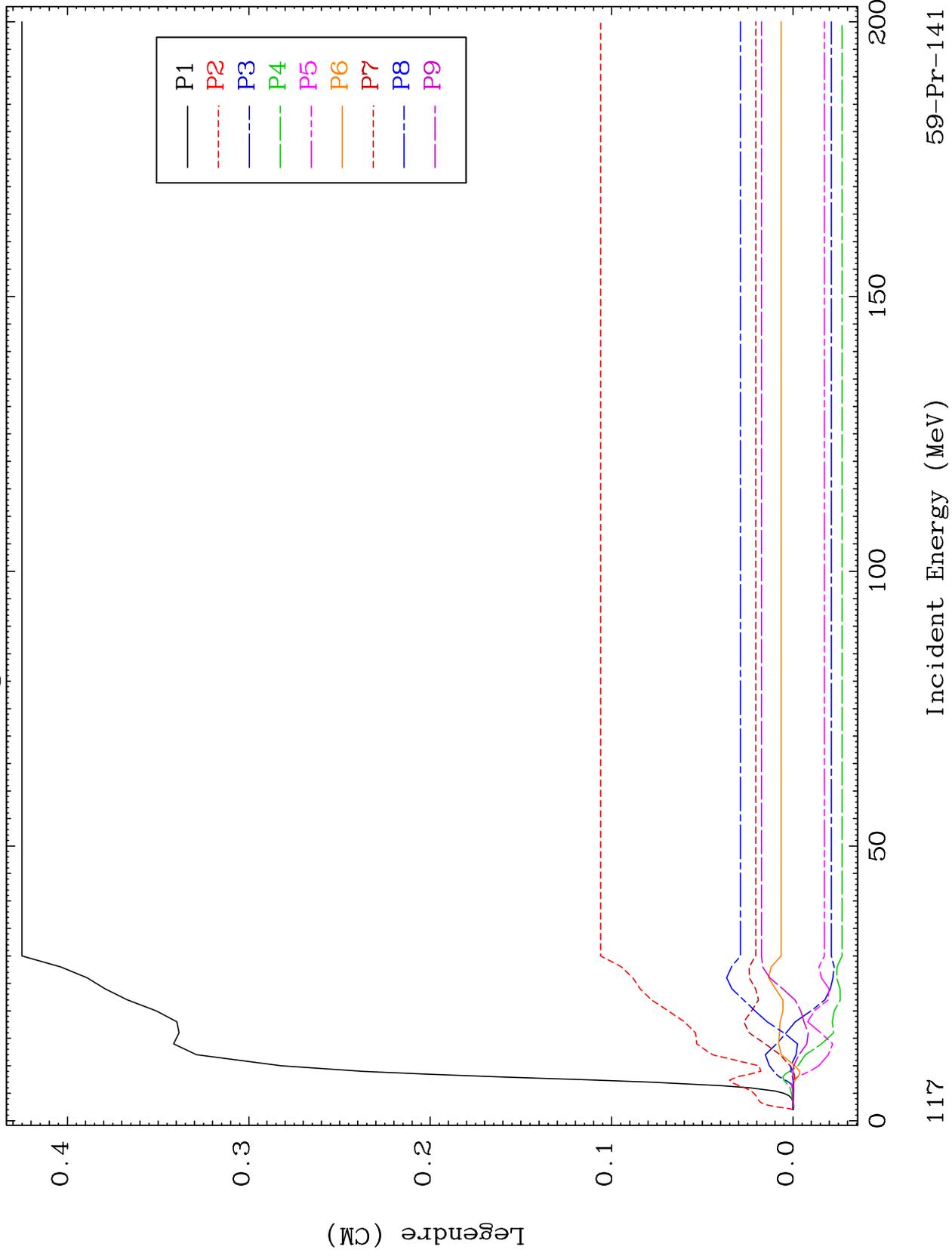
59-Pr-141



MAT 5925

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

59-Pr-141



59-Pr-141

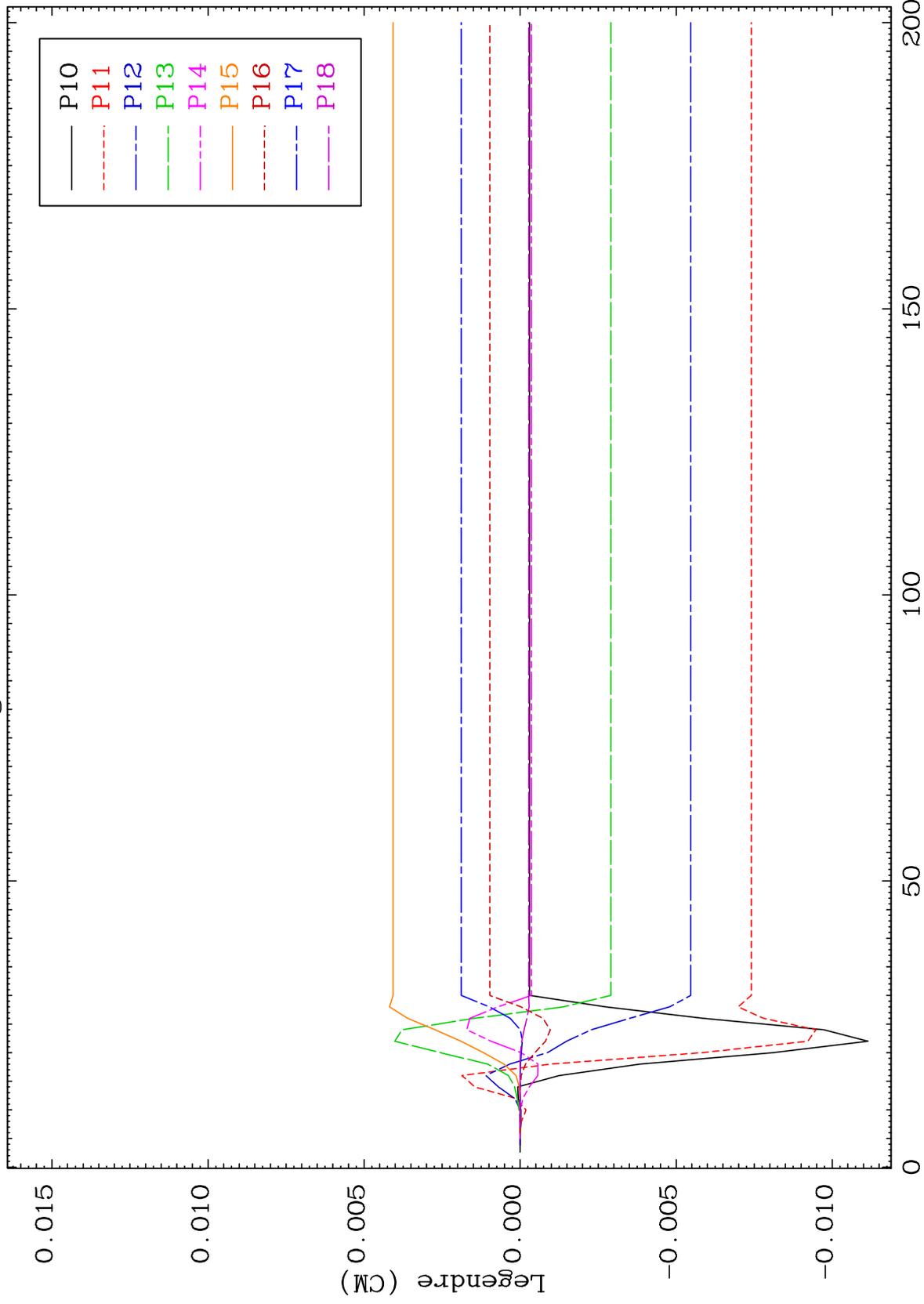
Incident Energy (MeV)

117

MAT 5925

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

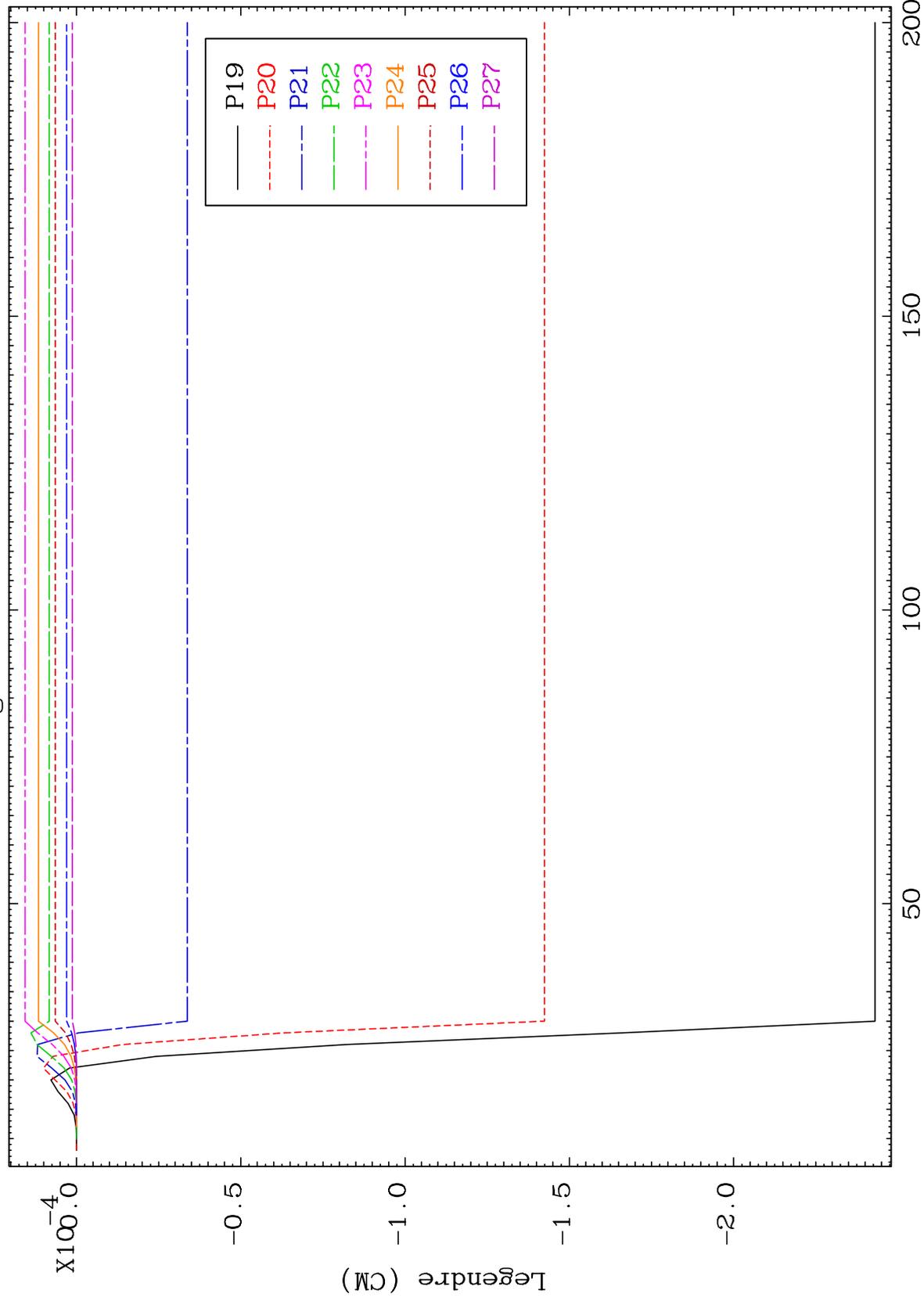
59-Pr-141



118

Incident Energy (MeV)

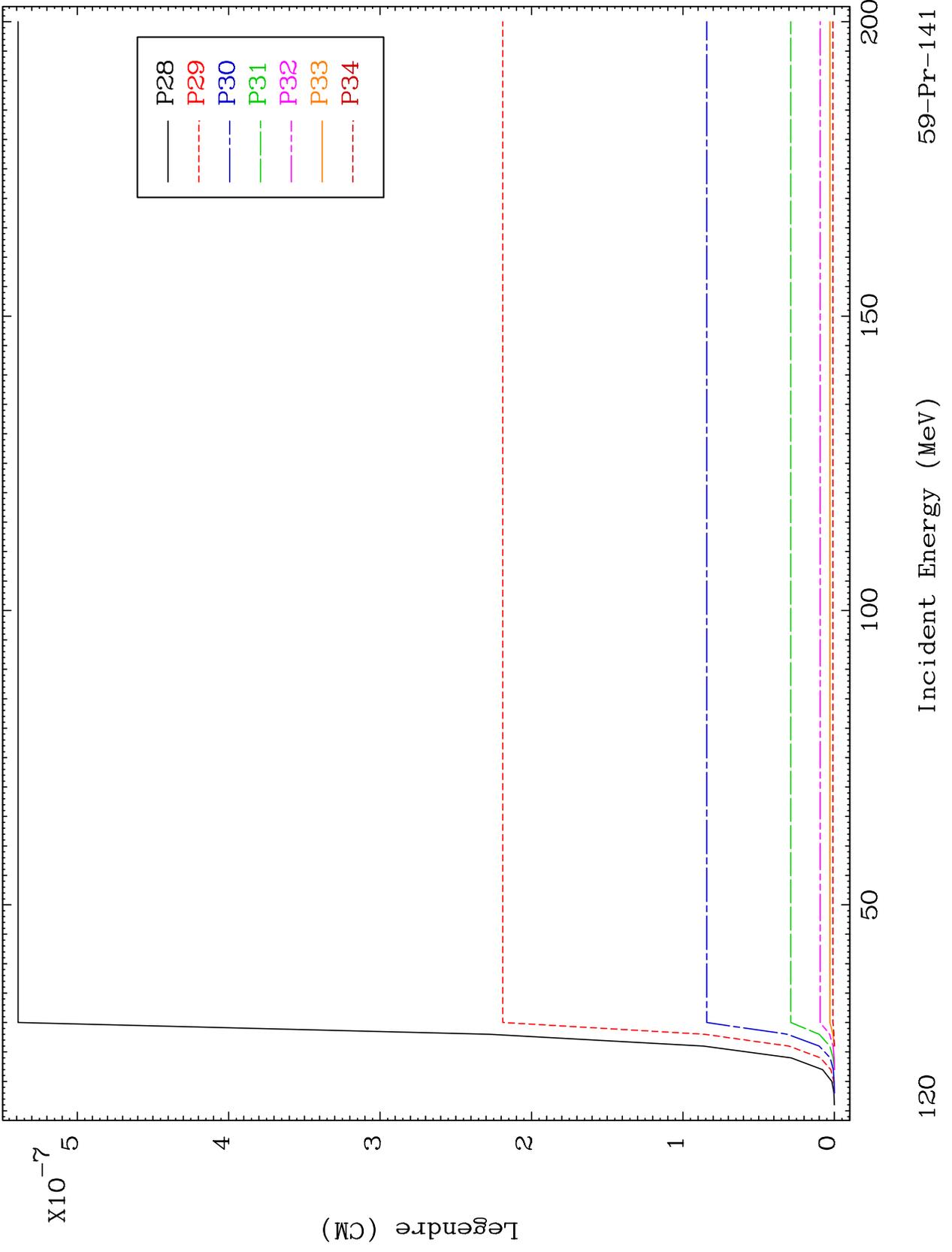
59-Pr-141



MAT 5925

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

59-Pr-141



120

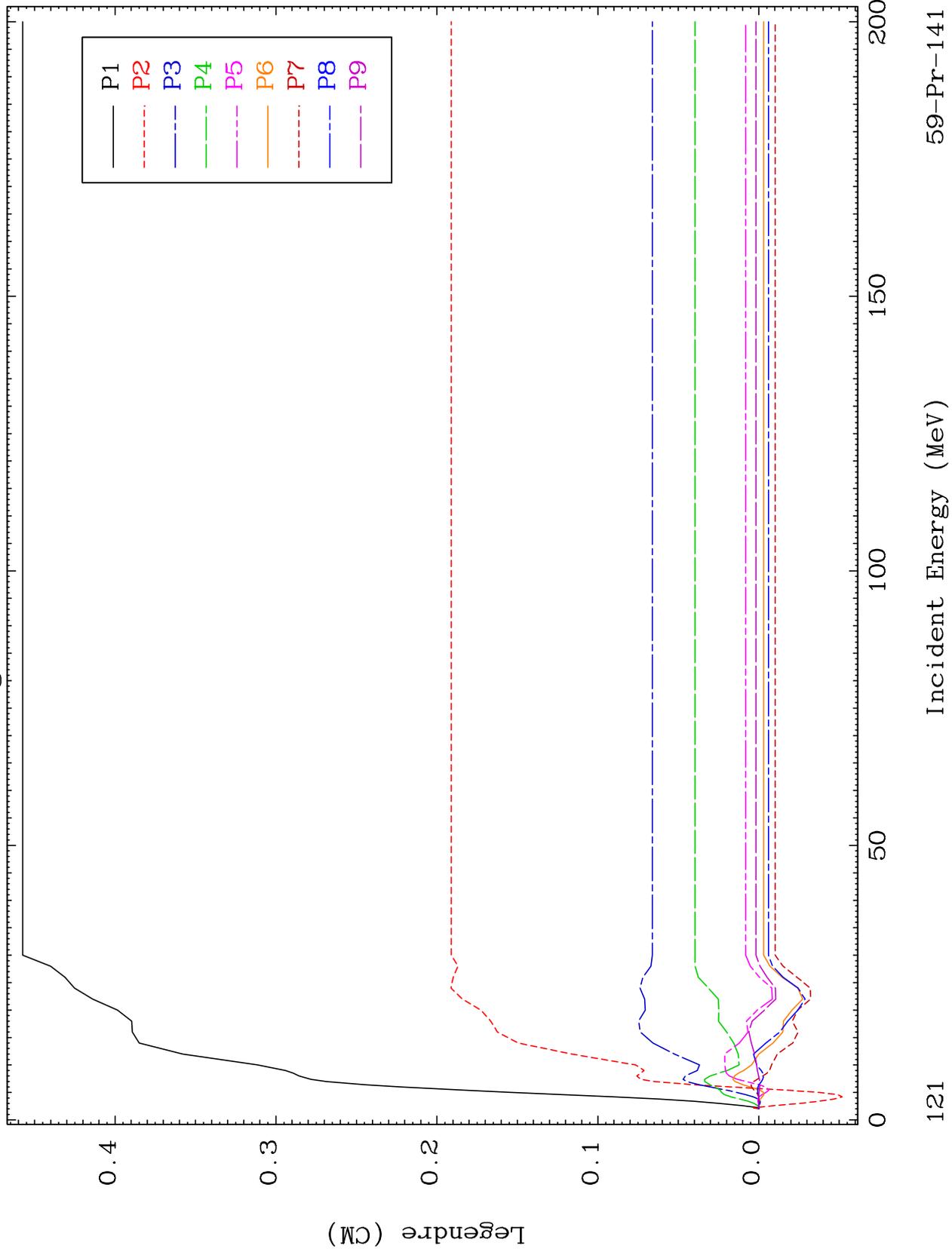
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

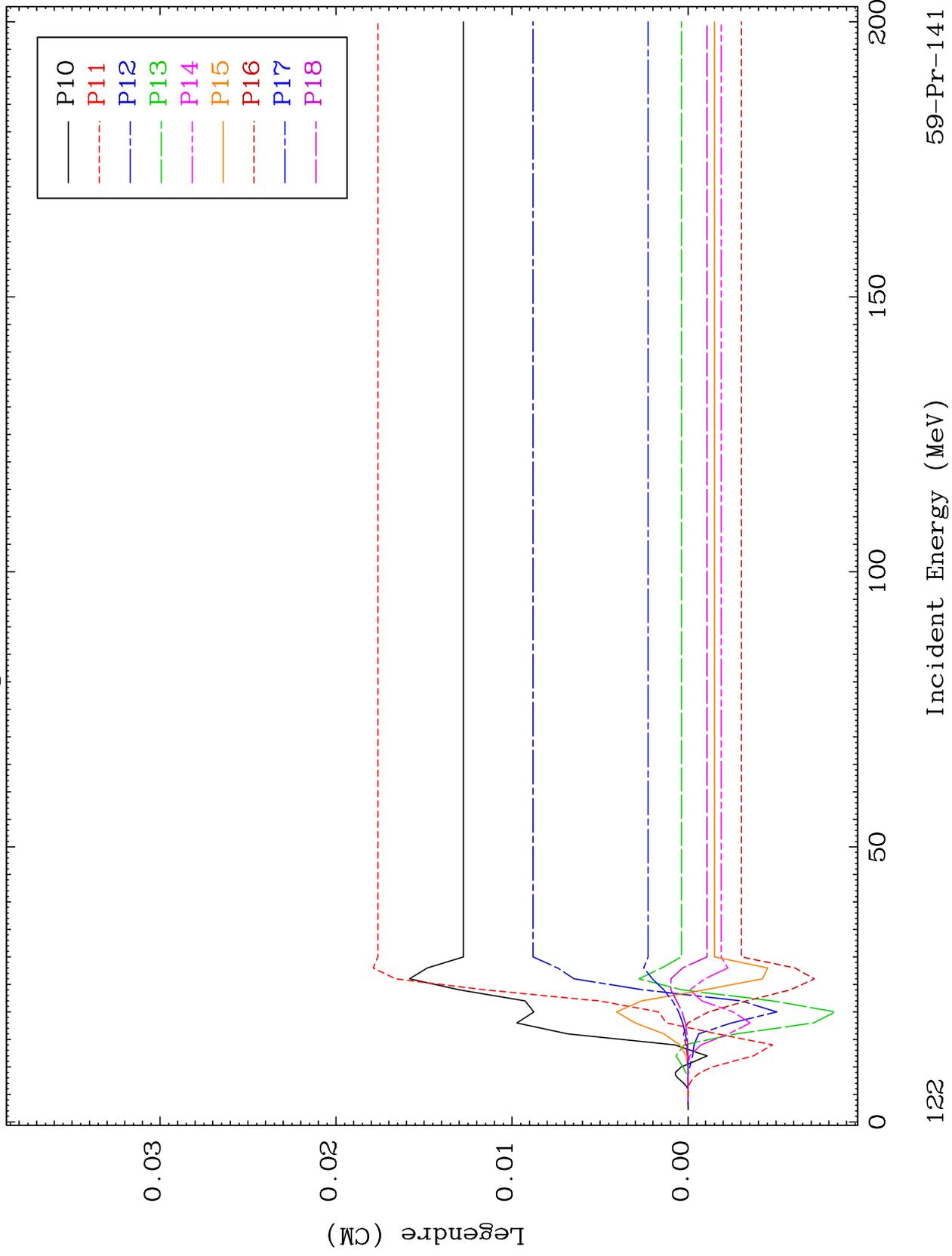
59-Pr-141



MAT 5925

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

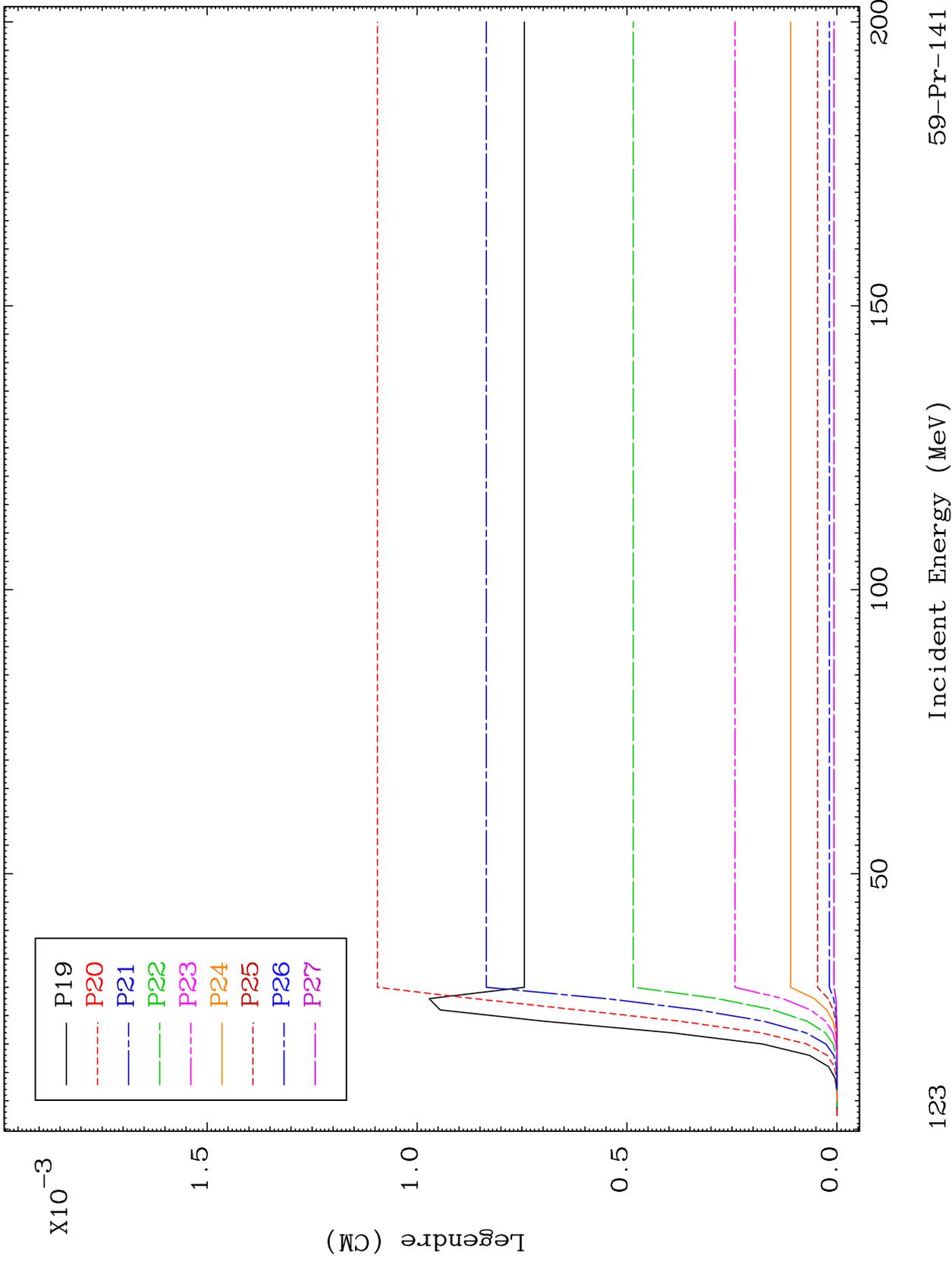
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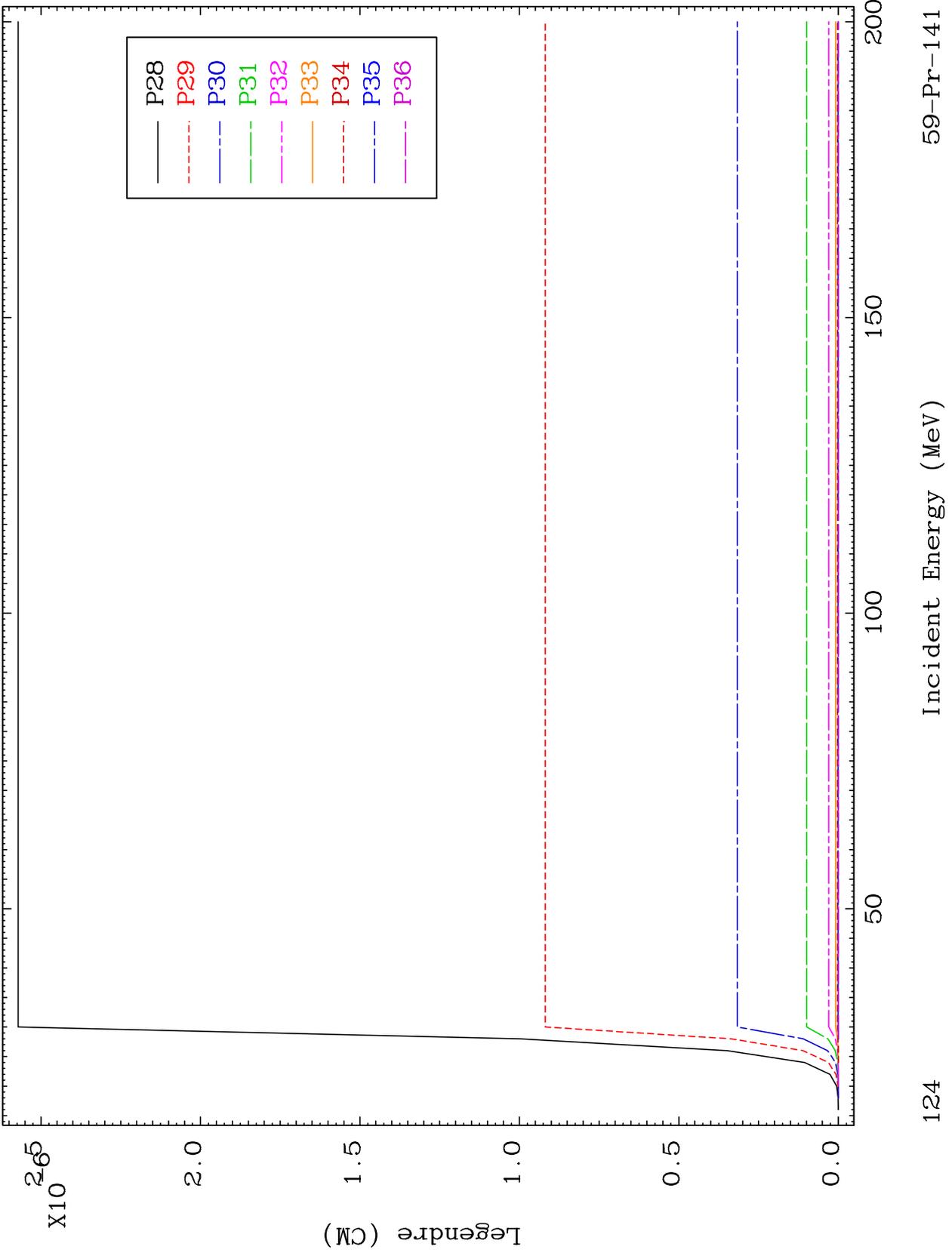


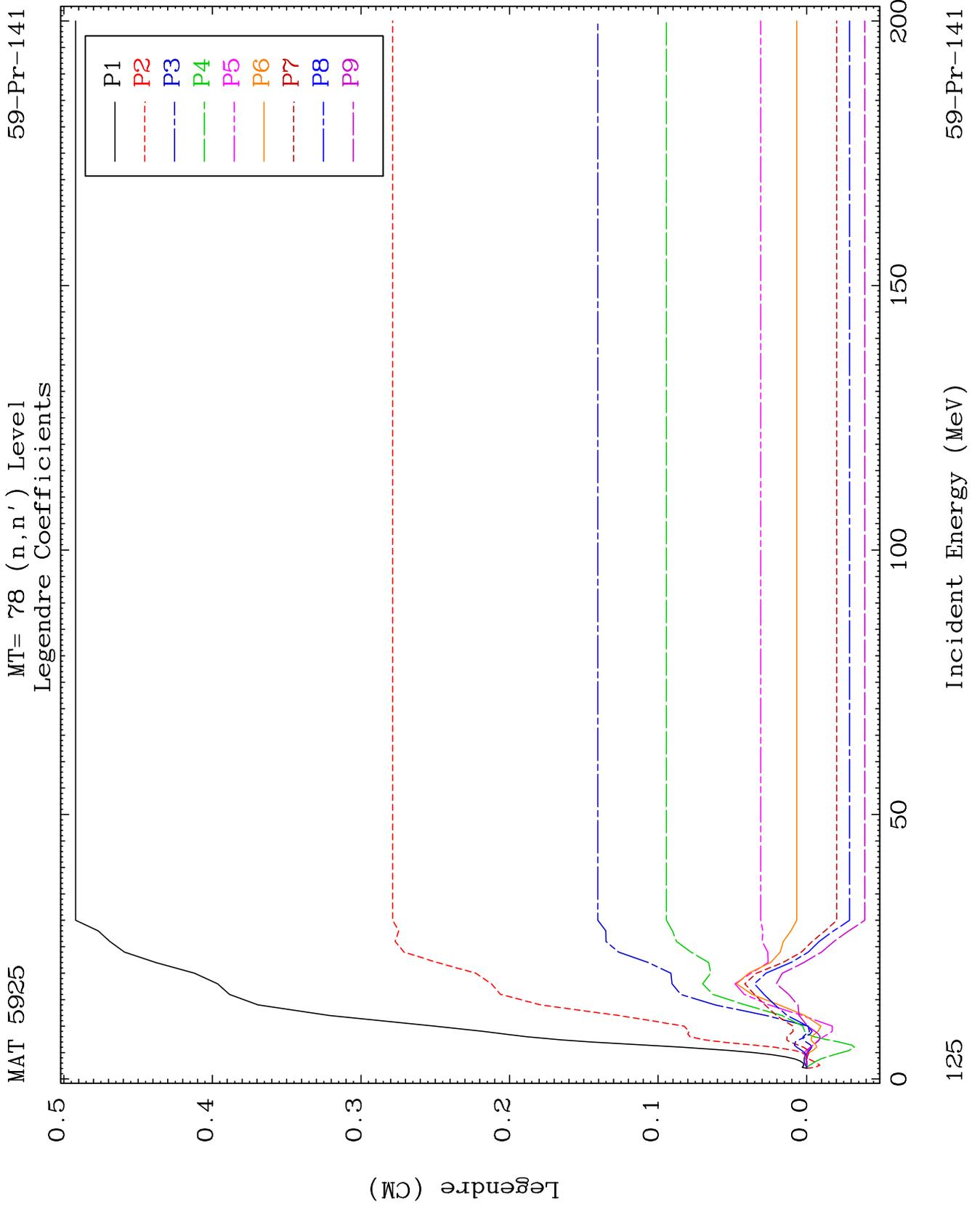
59-Pr-141

Incident Energy (MeV)

122



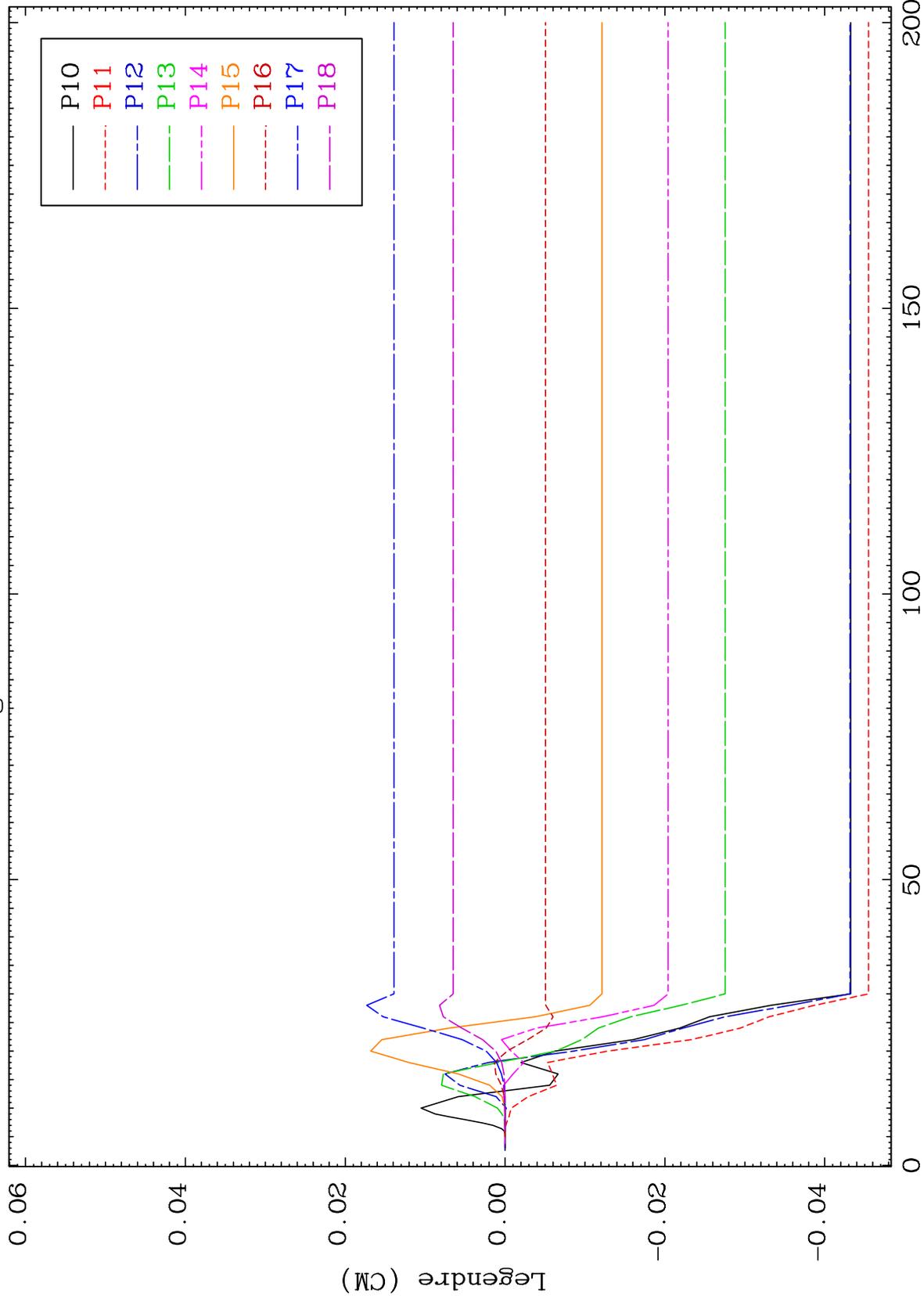




MAT 5925

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

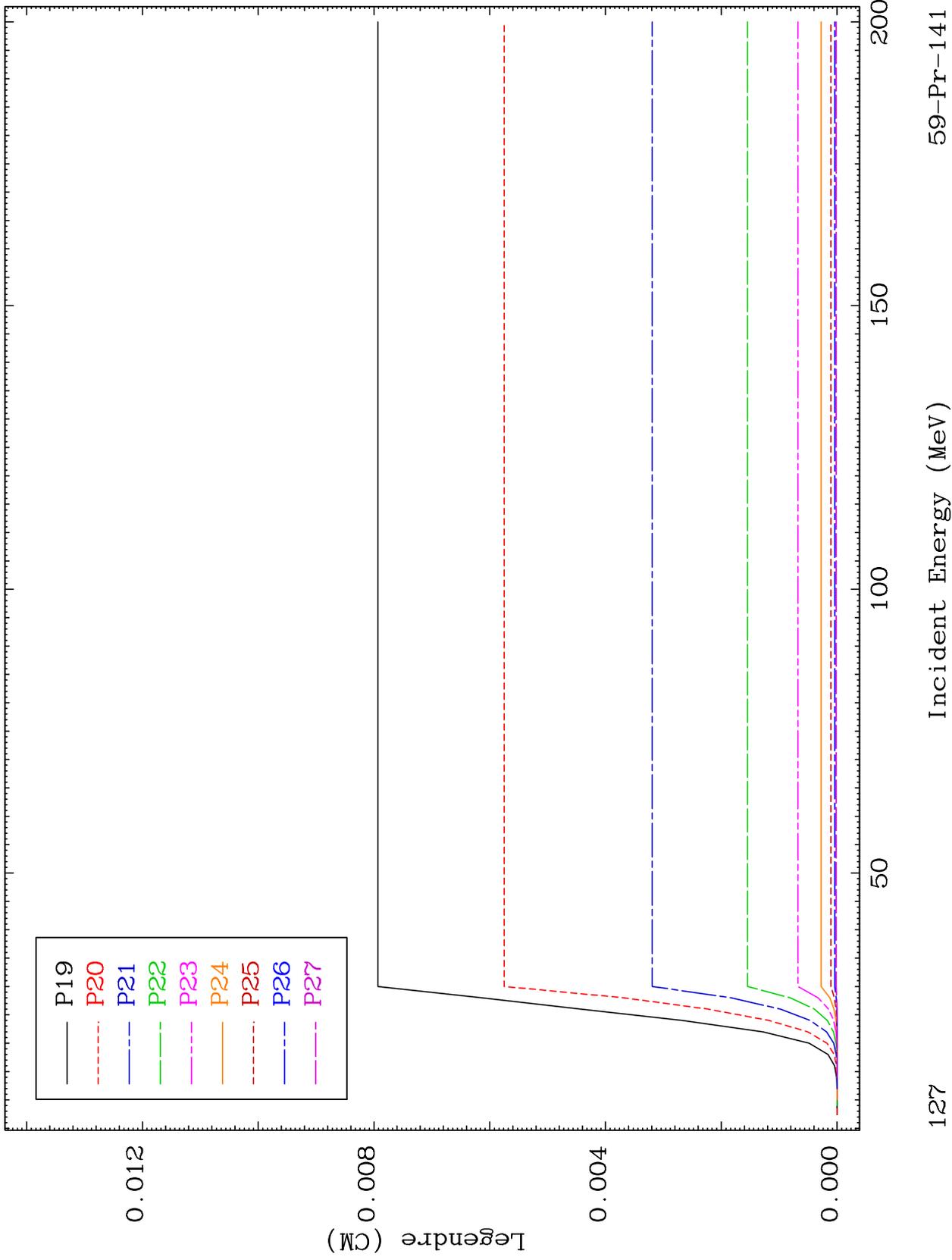
59-Pr-141



126

Incident Energy (MeV)

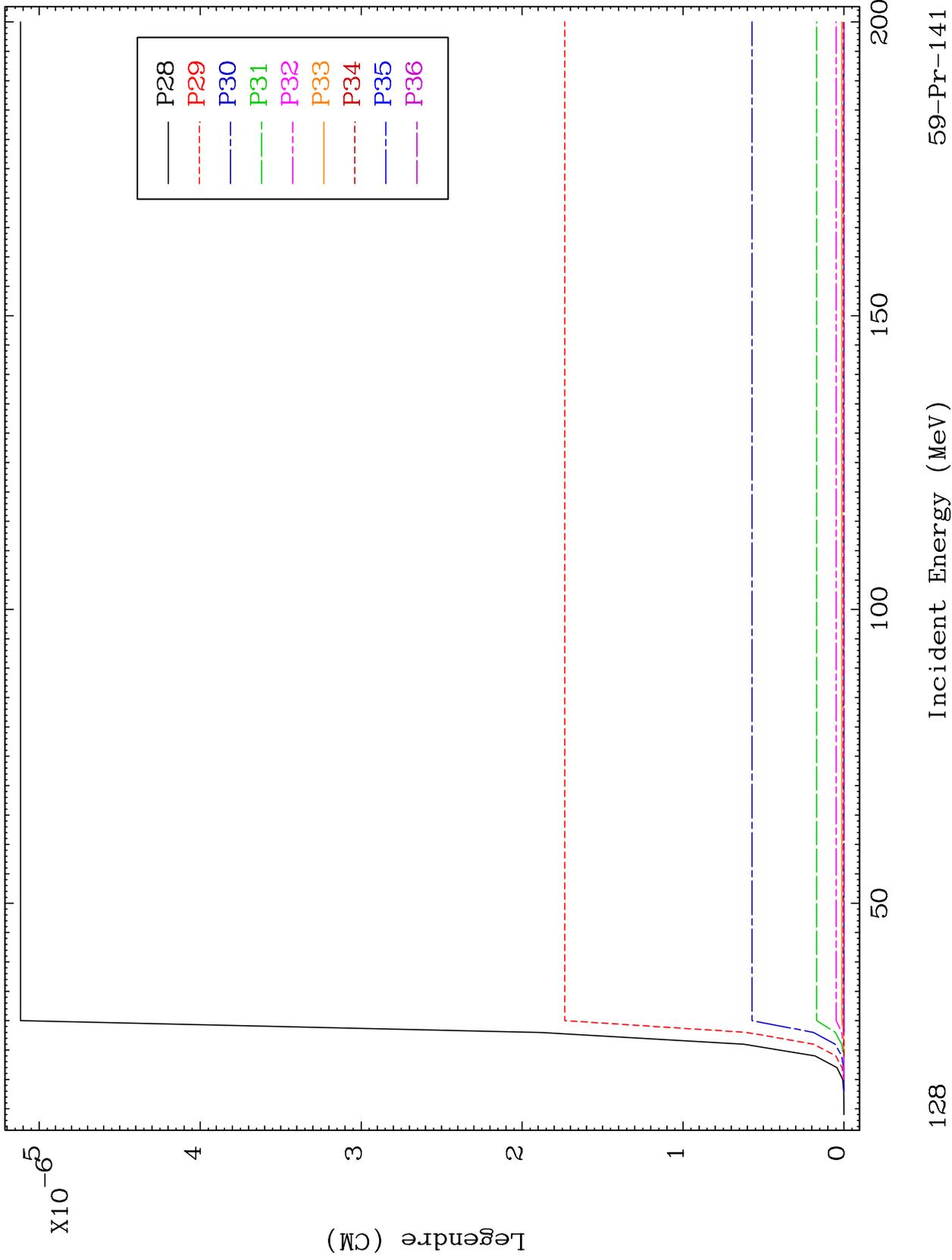
59-Pr-141



MAT 5925

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

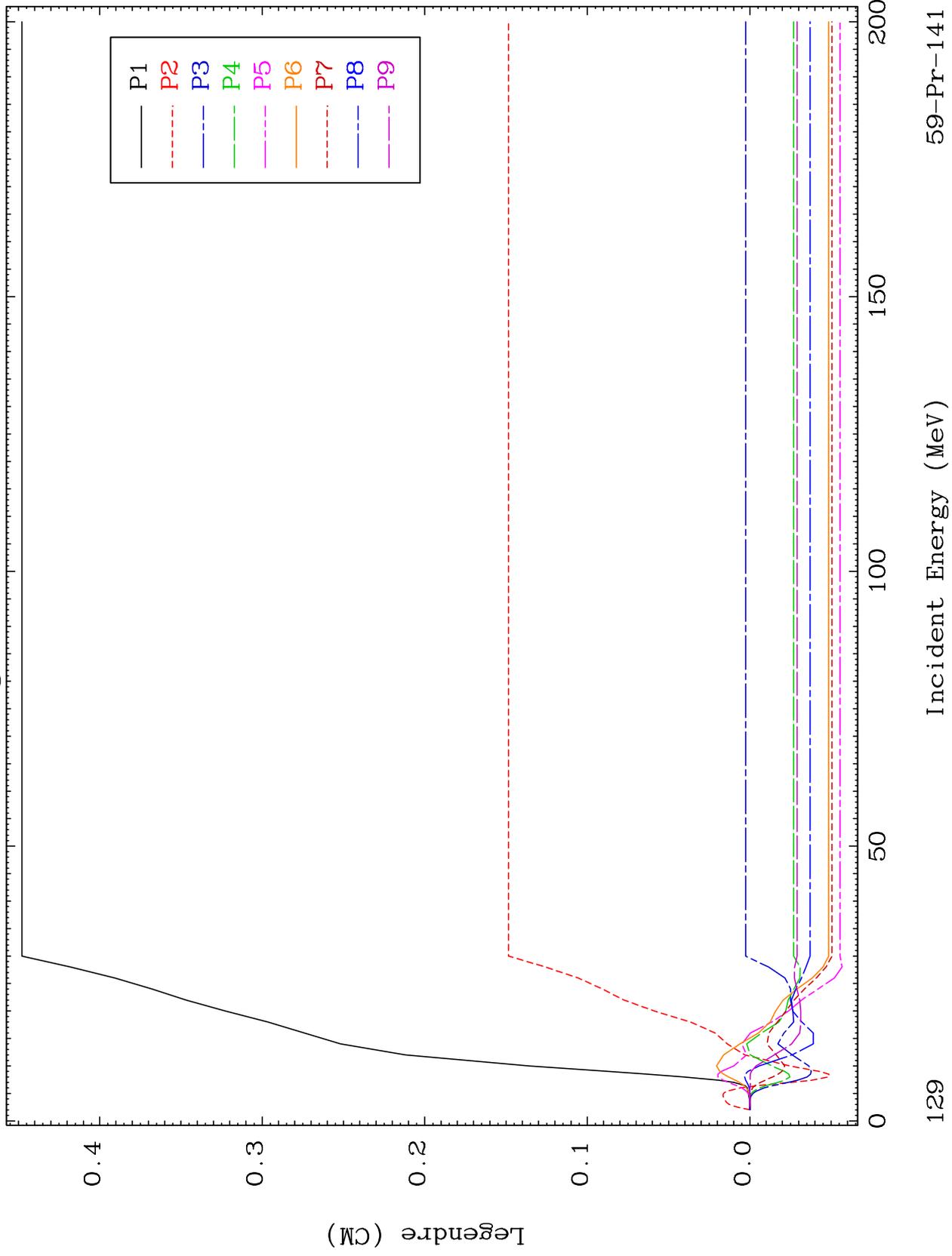
59-Pr-141



MAT 5925

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

59-Pr-141



59-Pr-141

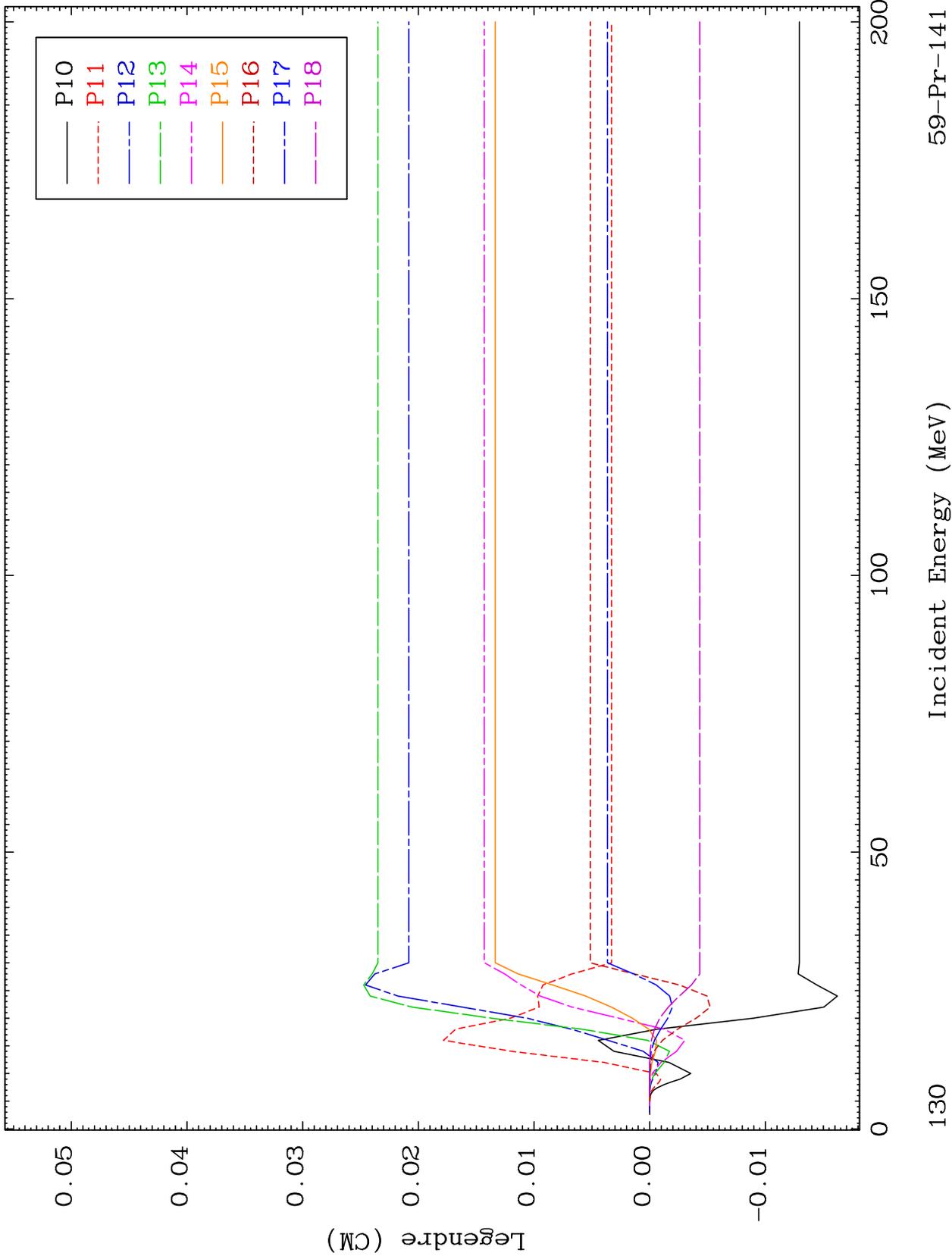
Incident Energy (MeV)

129

MAT 5925

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

59-Pr-141



59-Pr-141

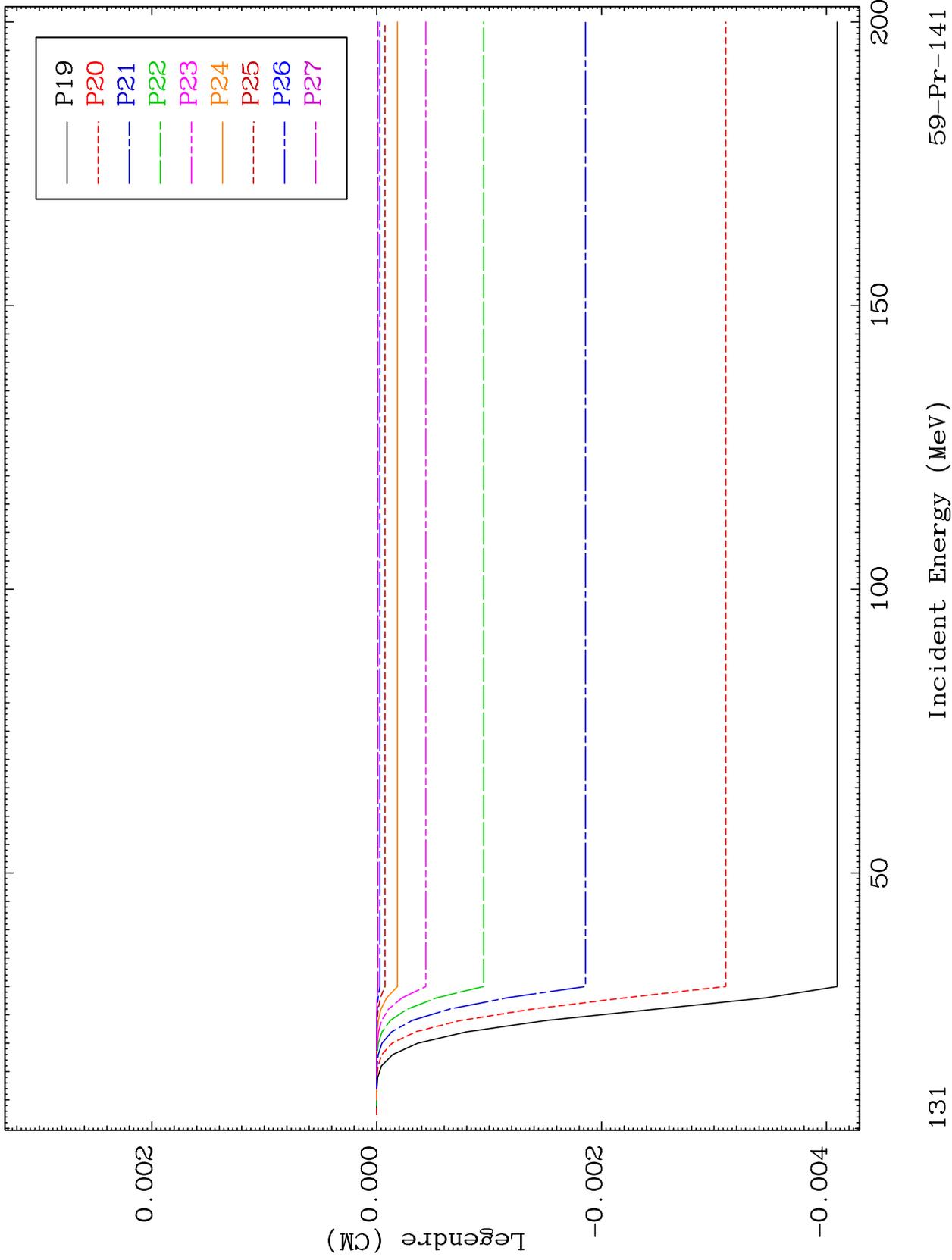
Incident Energy (MeV)

130

MAT 5925

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

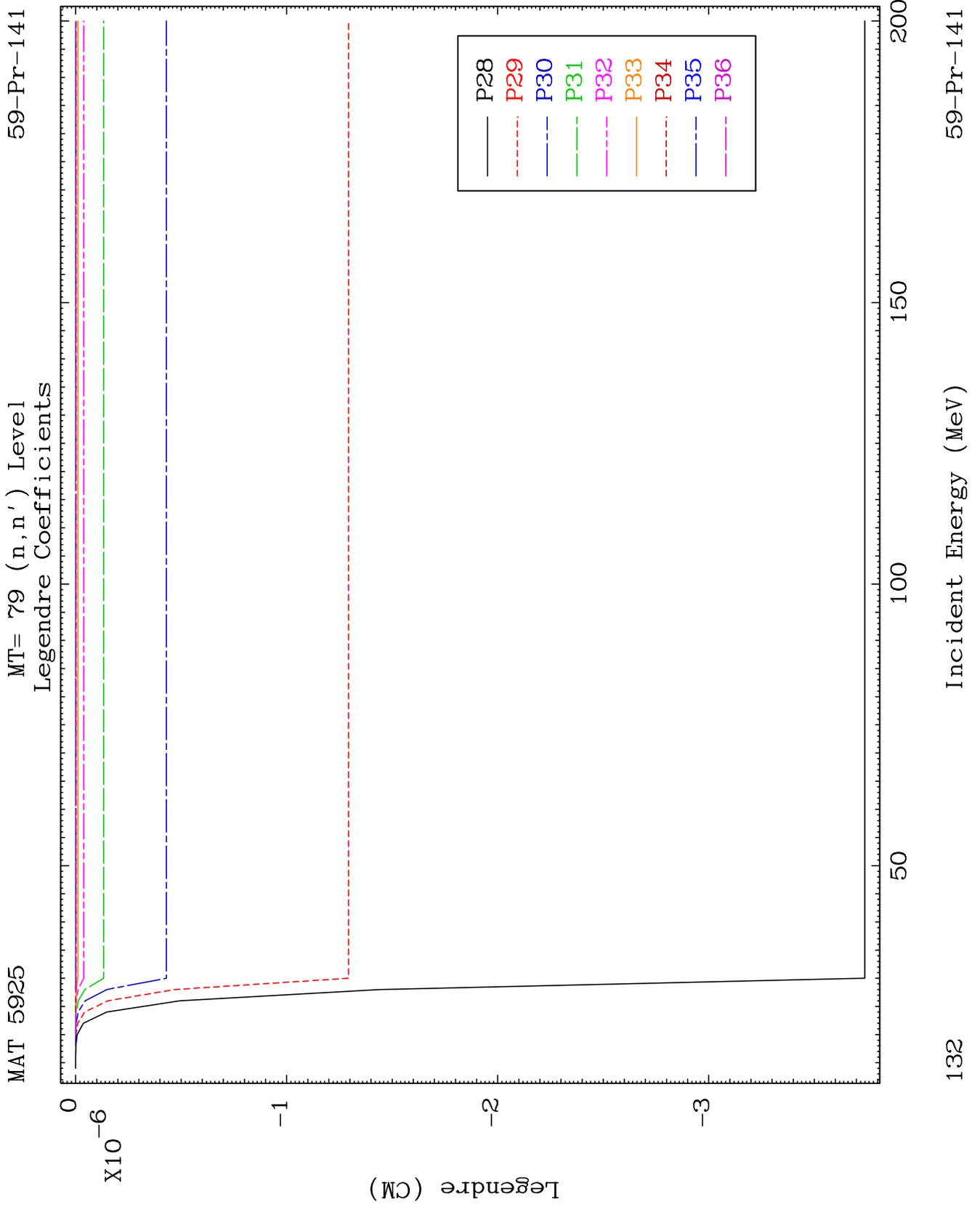
59-Pr-141



131

Incident Energy (MeV)

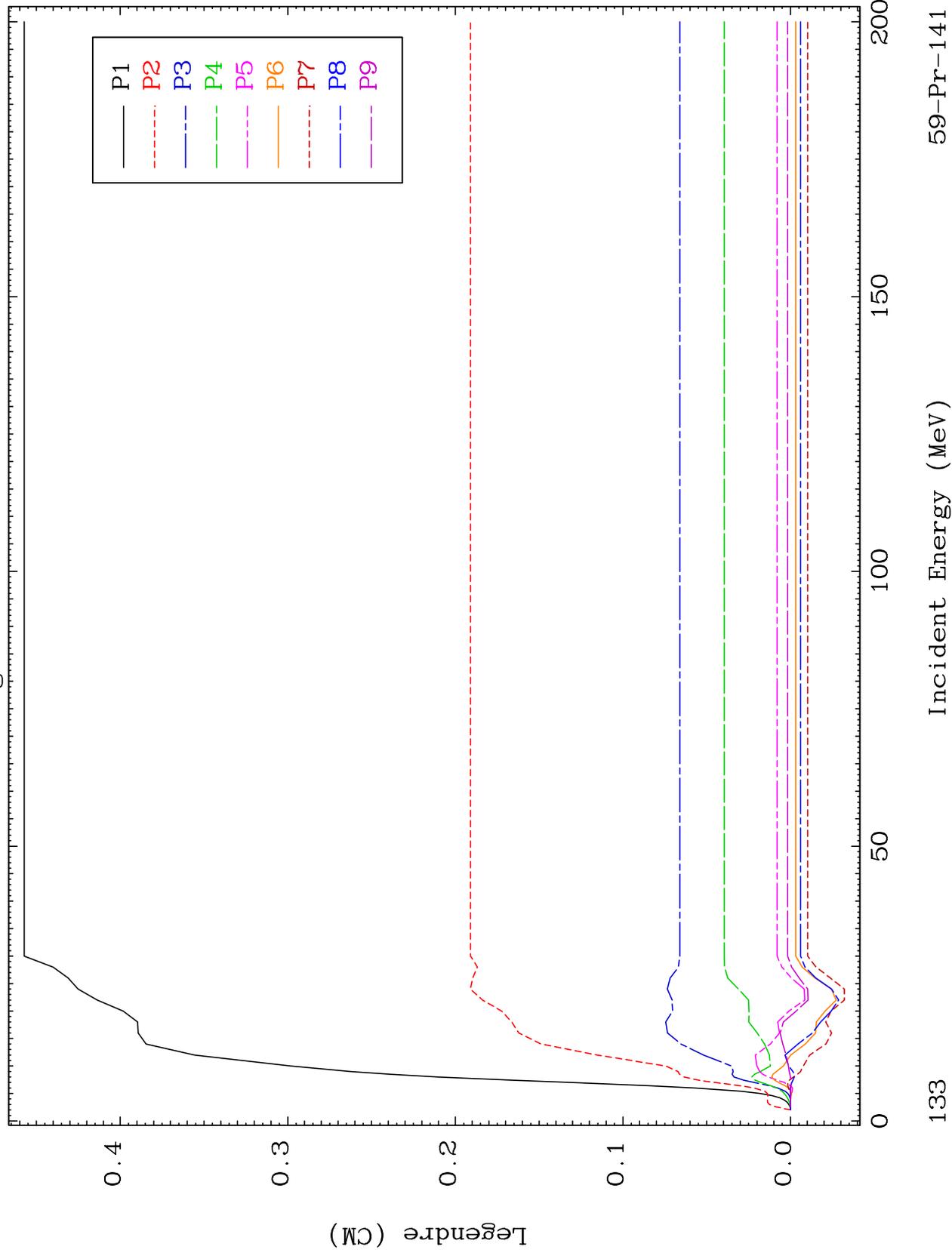
59-Pr-141



MAT 5925

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

59-Pr-141



59-Pr-141

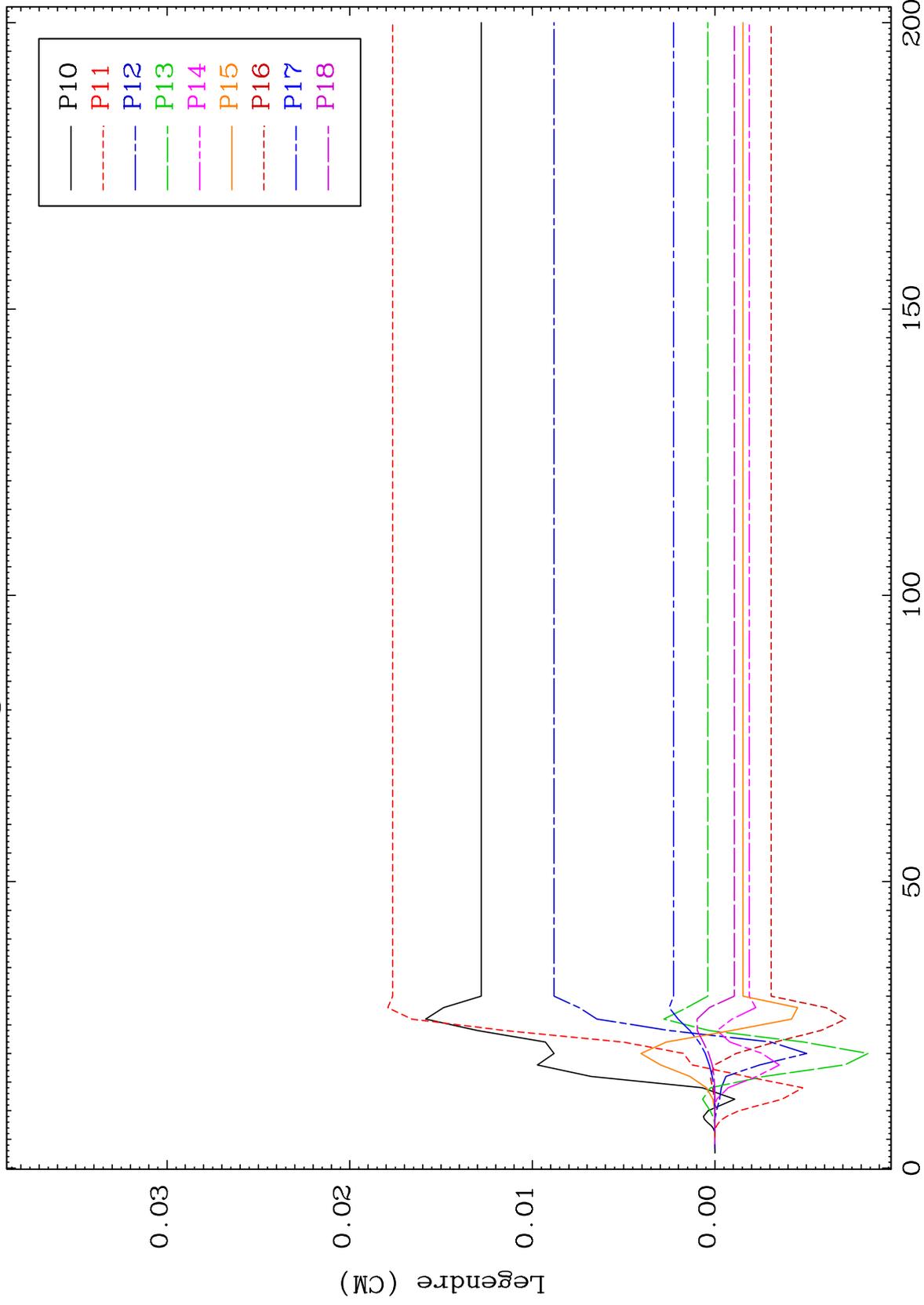
Incident Energy (MeV)

133

MAT 5925

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

59-Pr-141



134

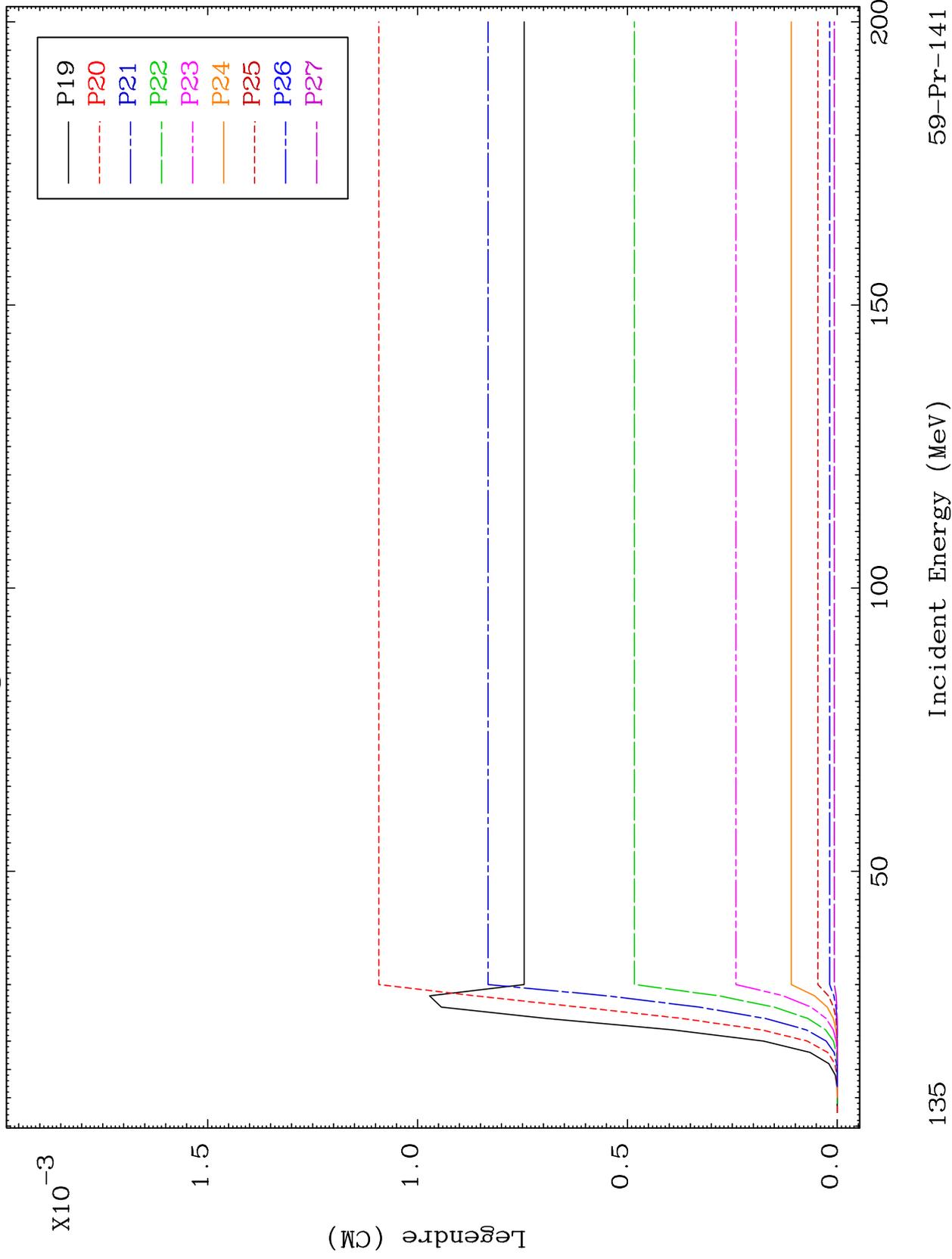
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

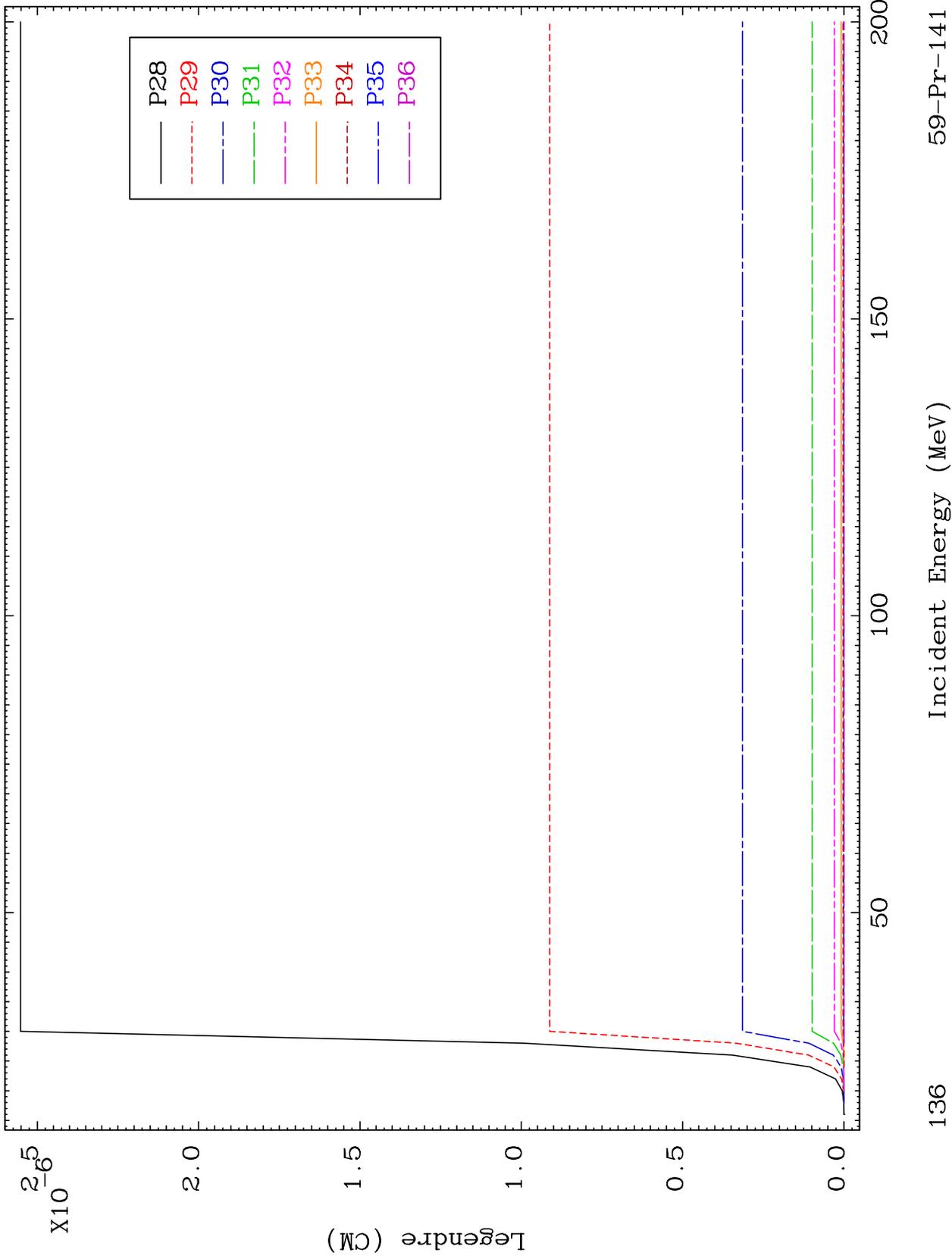
59-Pr-141



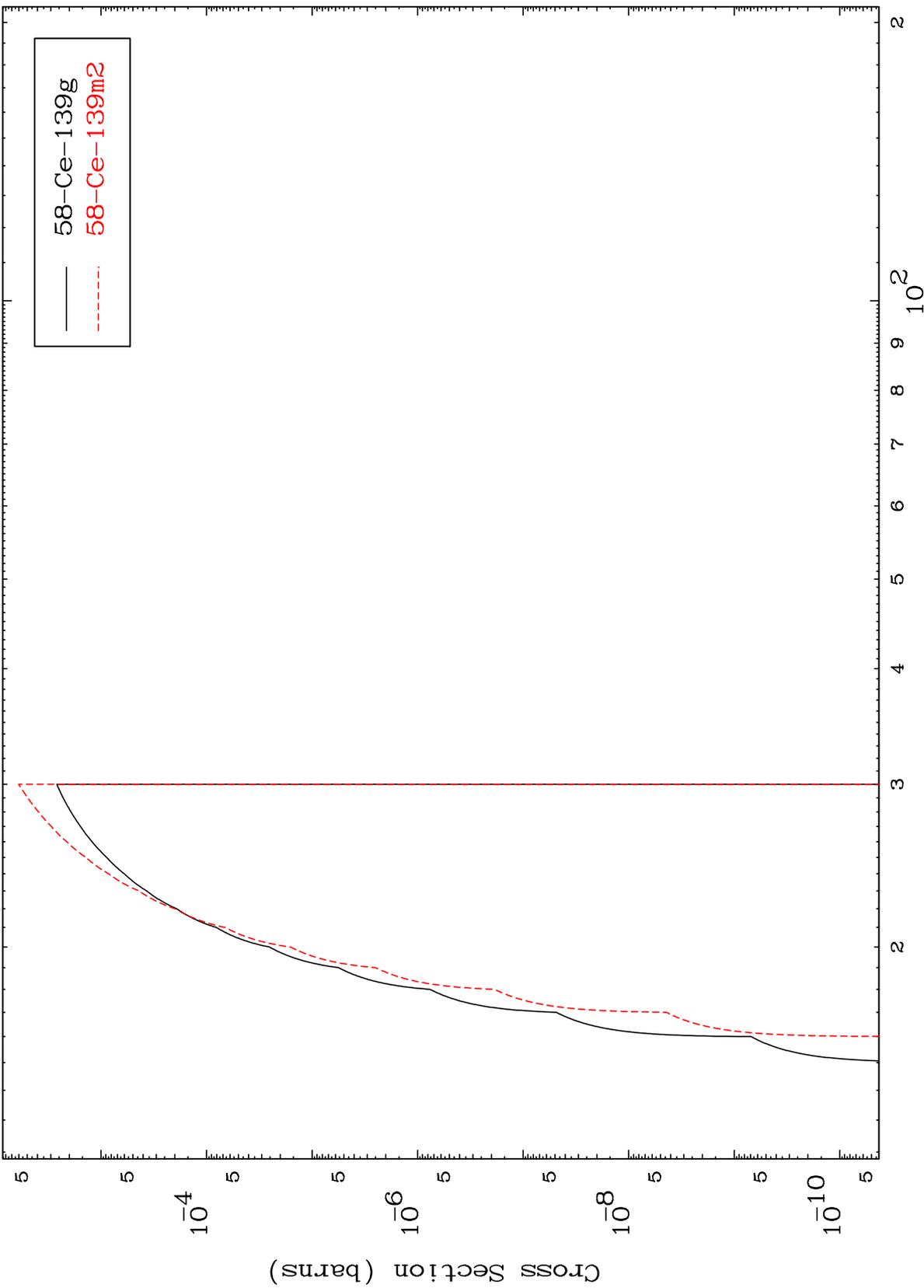
135

Incident Energy (MeV)

59-Pr-141



Radionuclide Production Cross Section

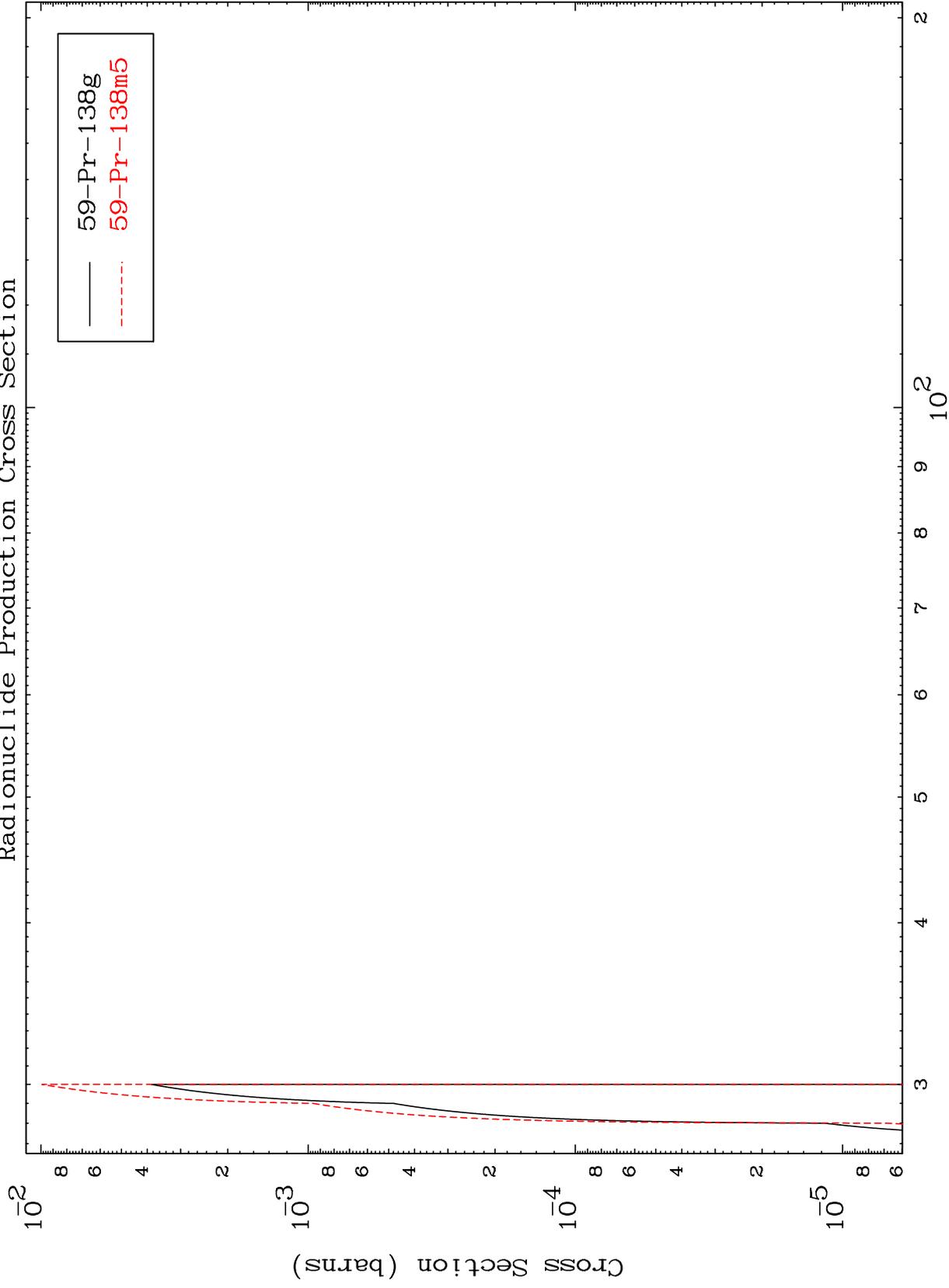


MAT 5925

(n,4n)

59-Pr-141

Radionuclide Production Cross Section



138

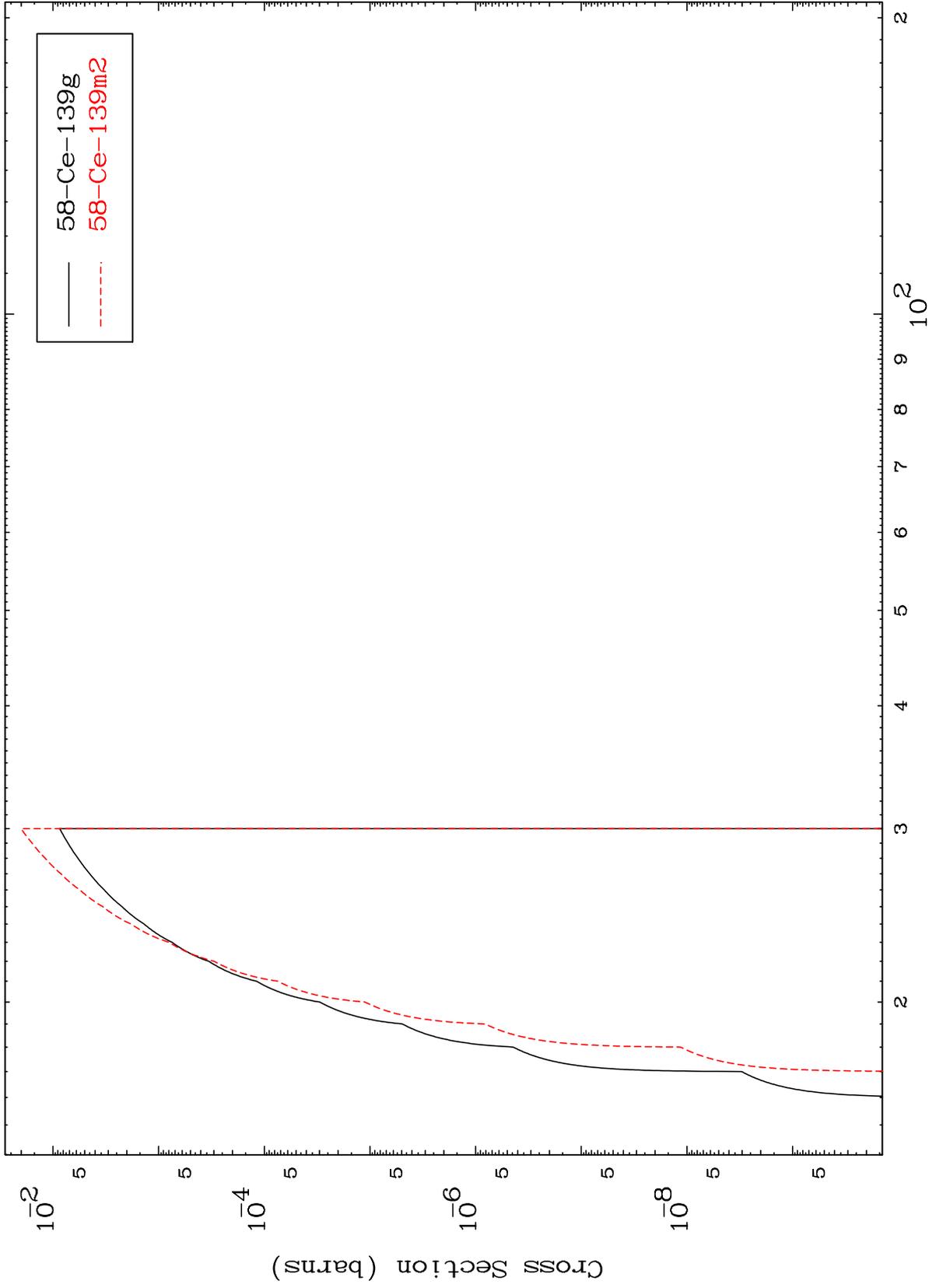
Incident Energy (MeV)

59-Pr-141

MAT 5925

59-Pr-141

(n,2n) p
Radionuclide Production Cross Section



139

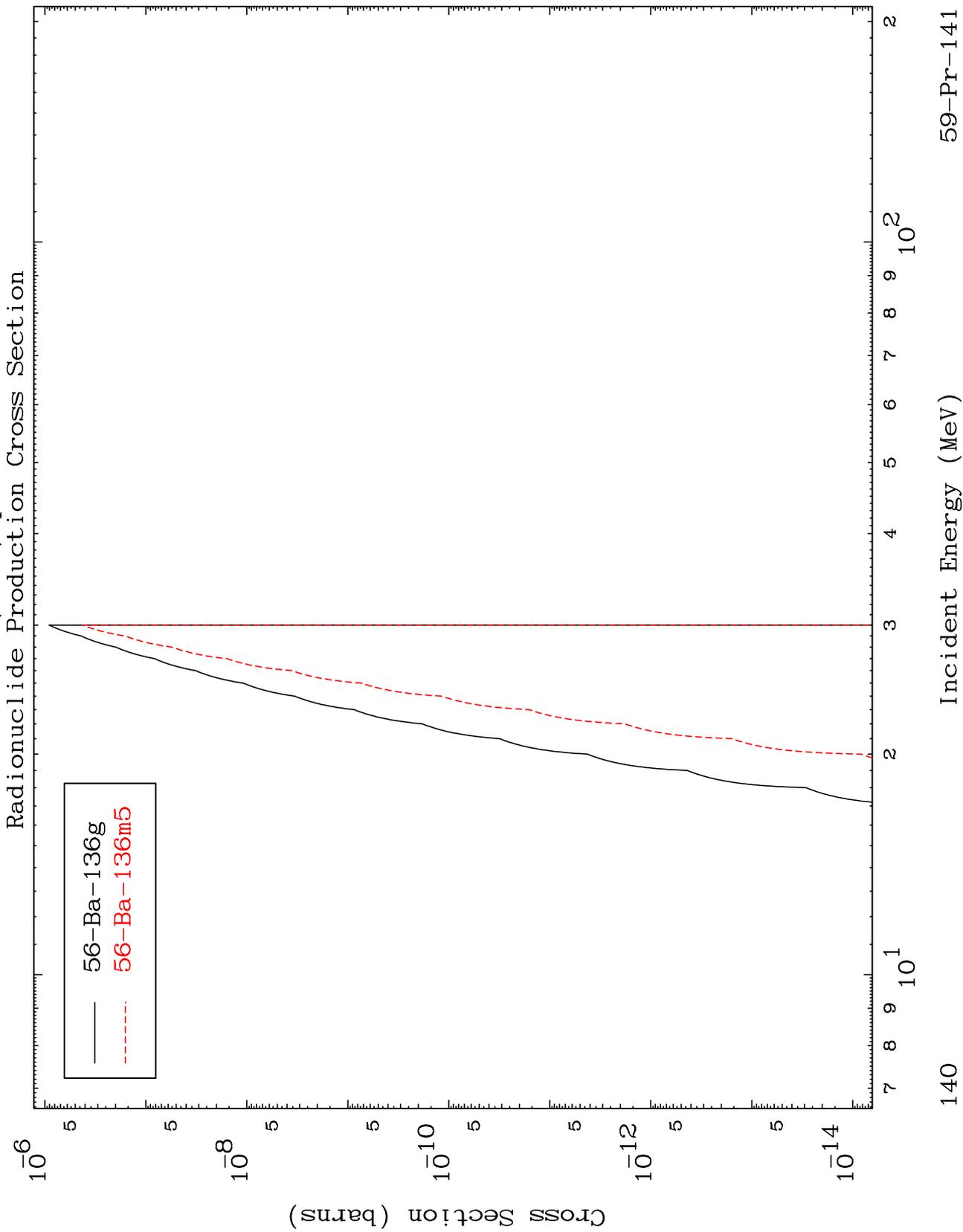
Incident Energy (MeV)

59-Pr-141

MAT 5925

(n,n') p α

59-Pr-141



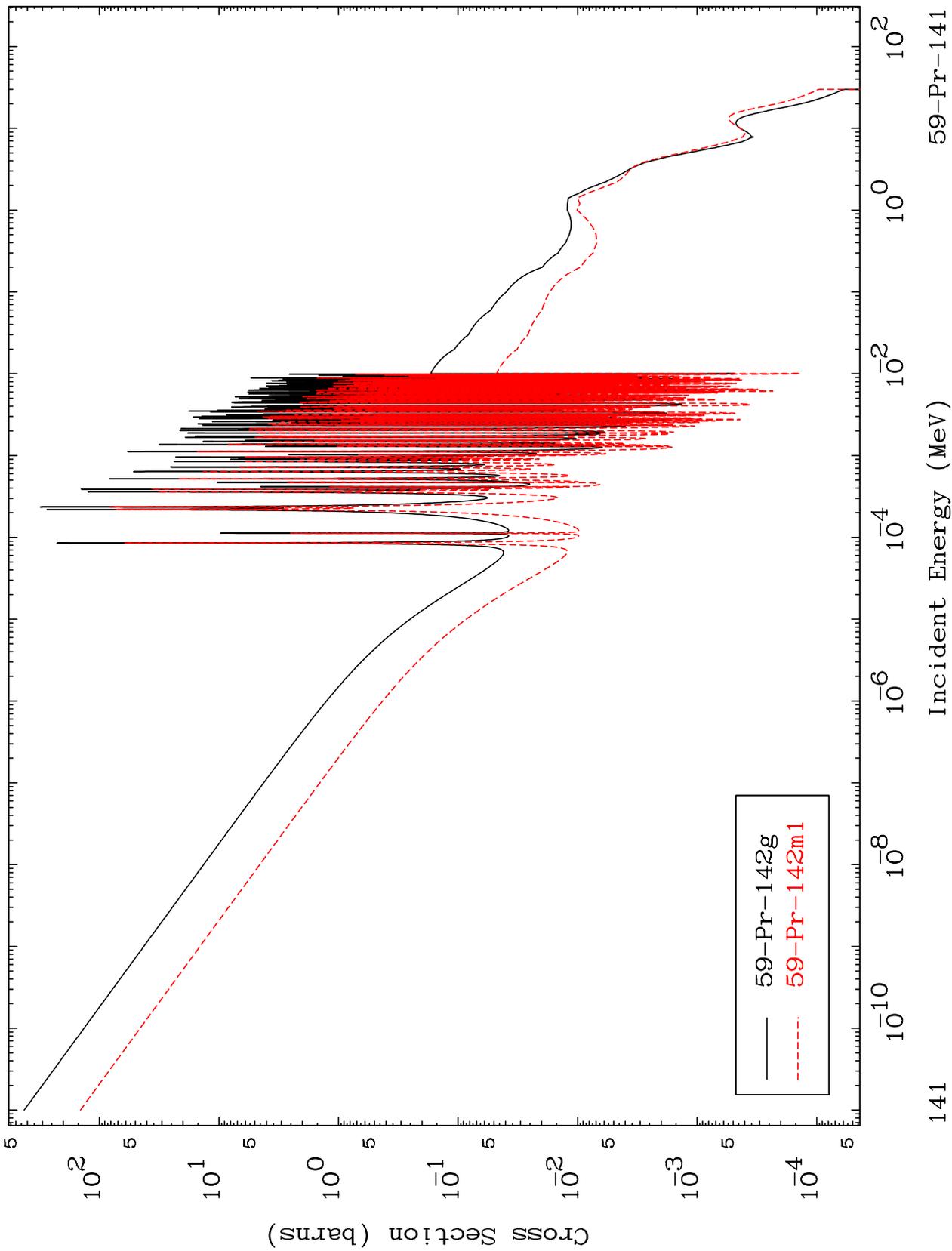
140

59-Pr-141

MAT 5925

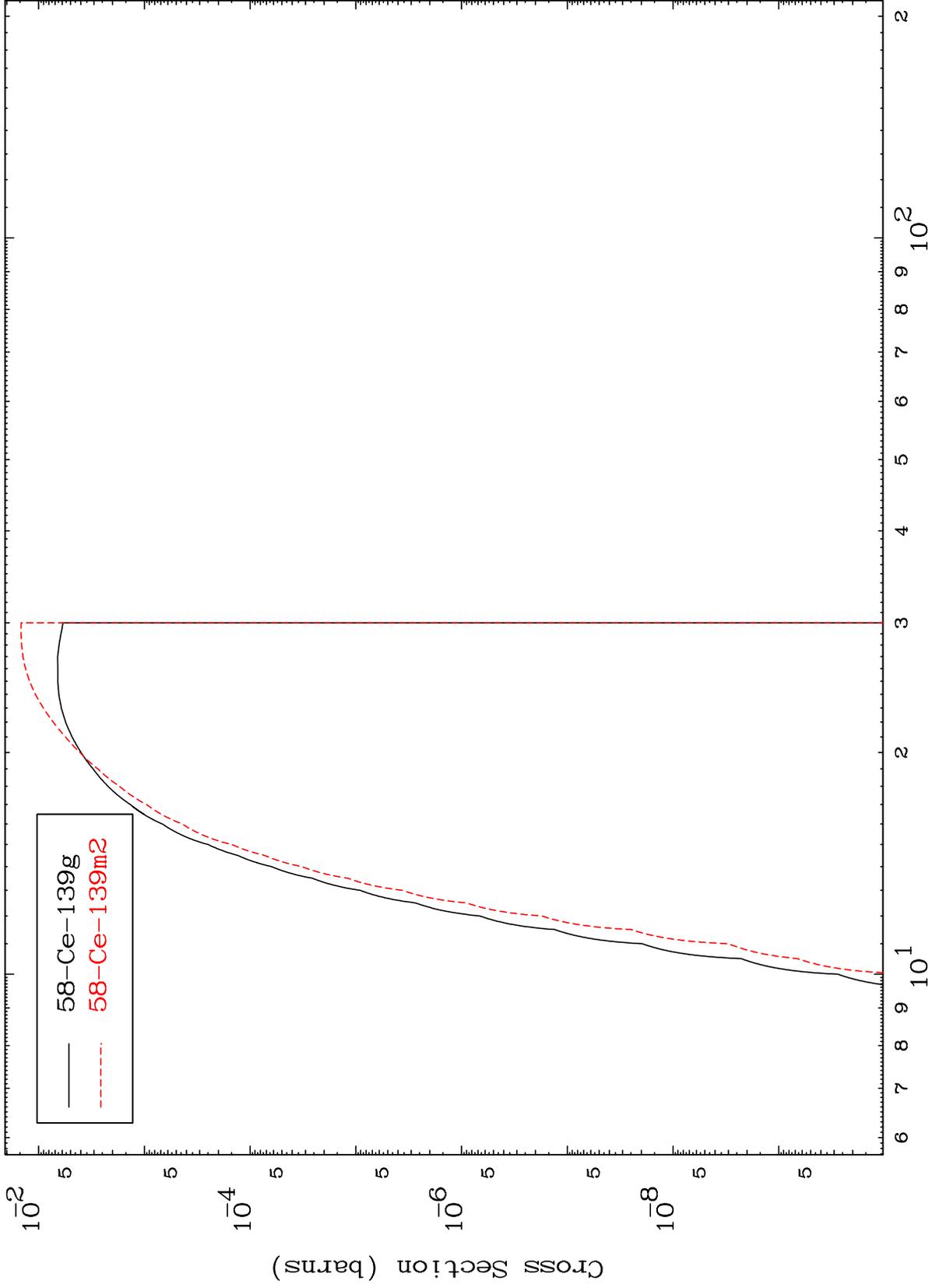
59-Pr-141

(n, γ)
Radionuclide Production Cross Section



141

(n, t)
Radionuclide Production Cross Section

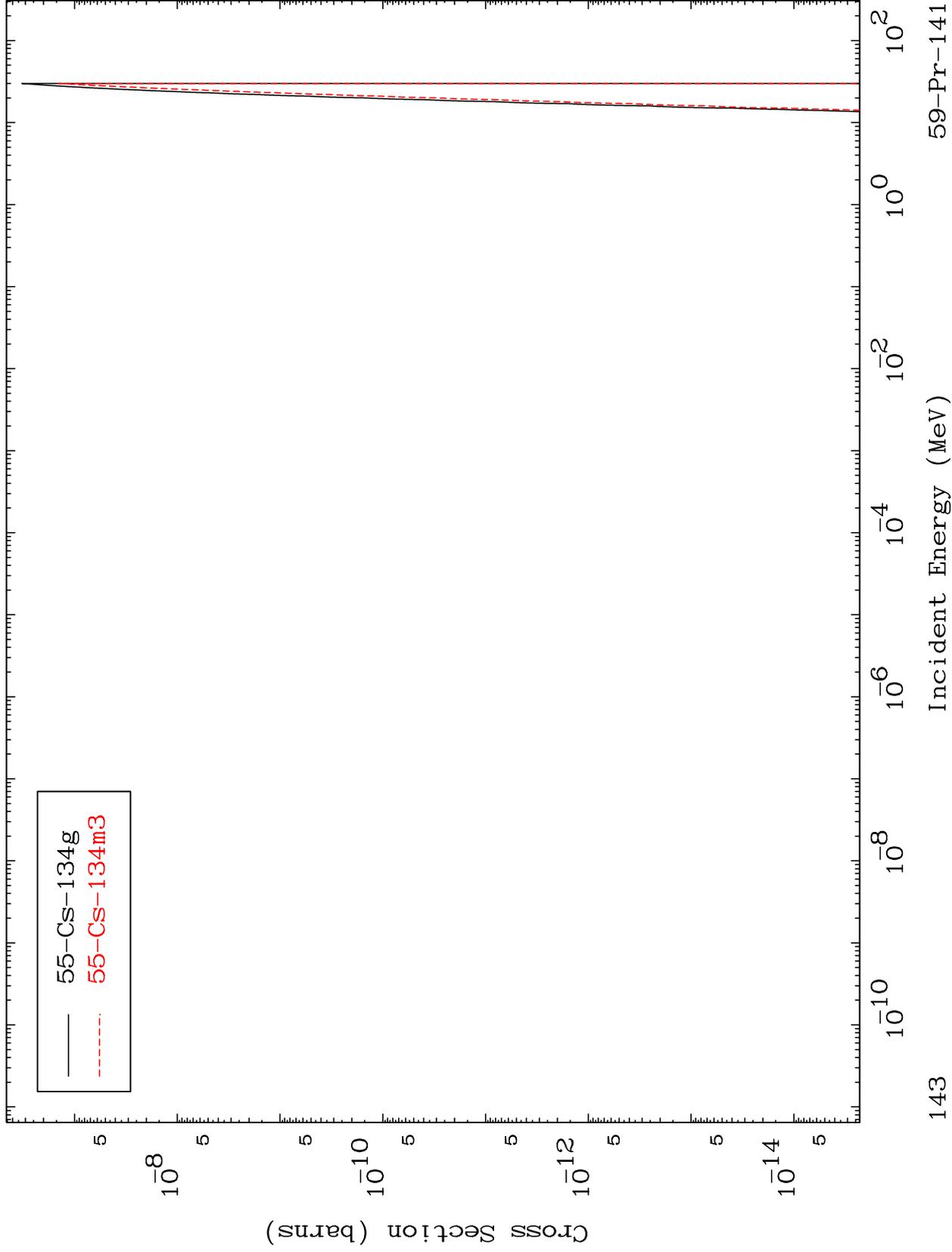


MAT 5925

(n,2α)

59-Pr-141

Radionuclide Production Cross Section



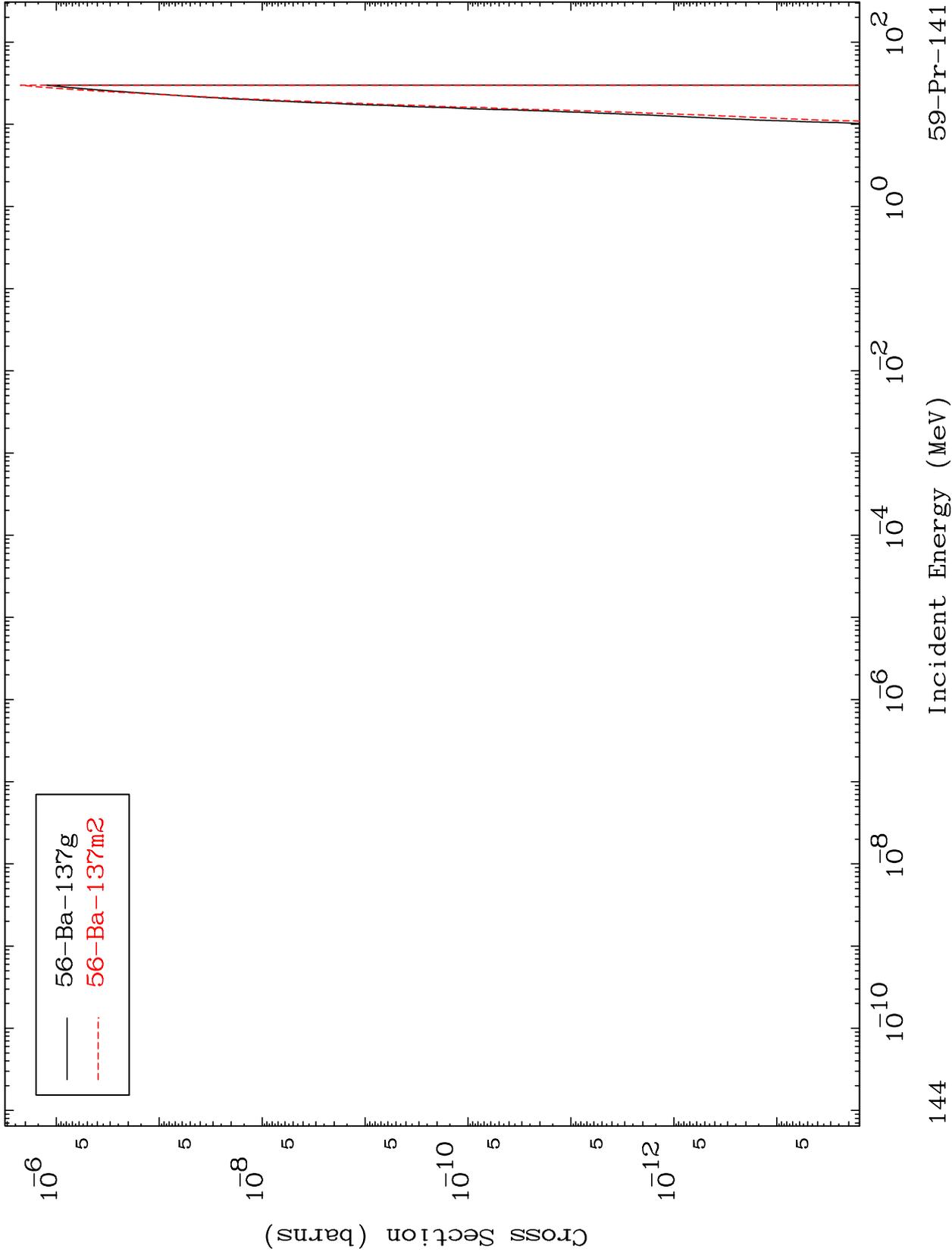
143

MAT 5925

(n,p) α

59-Pr-141

Radionuclide Production Cross Section

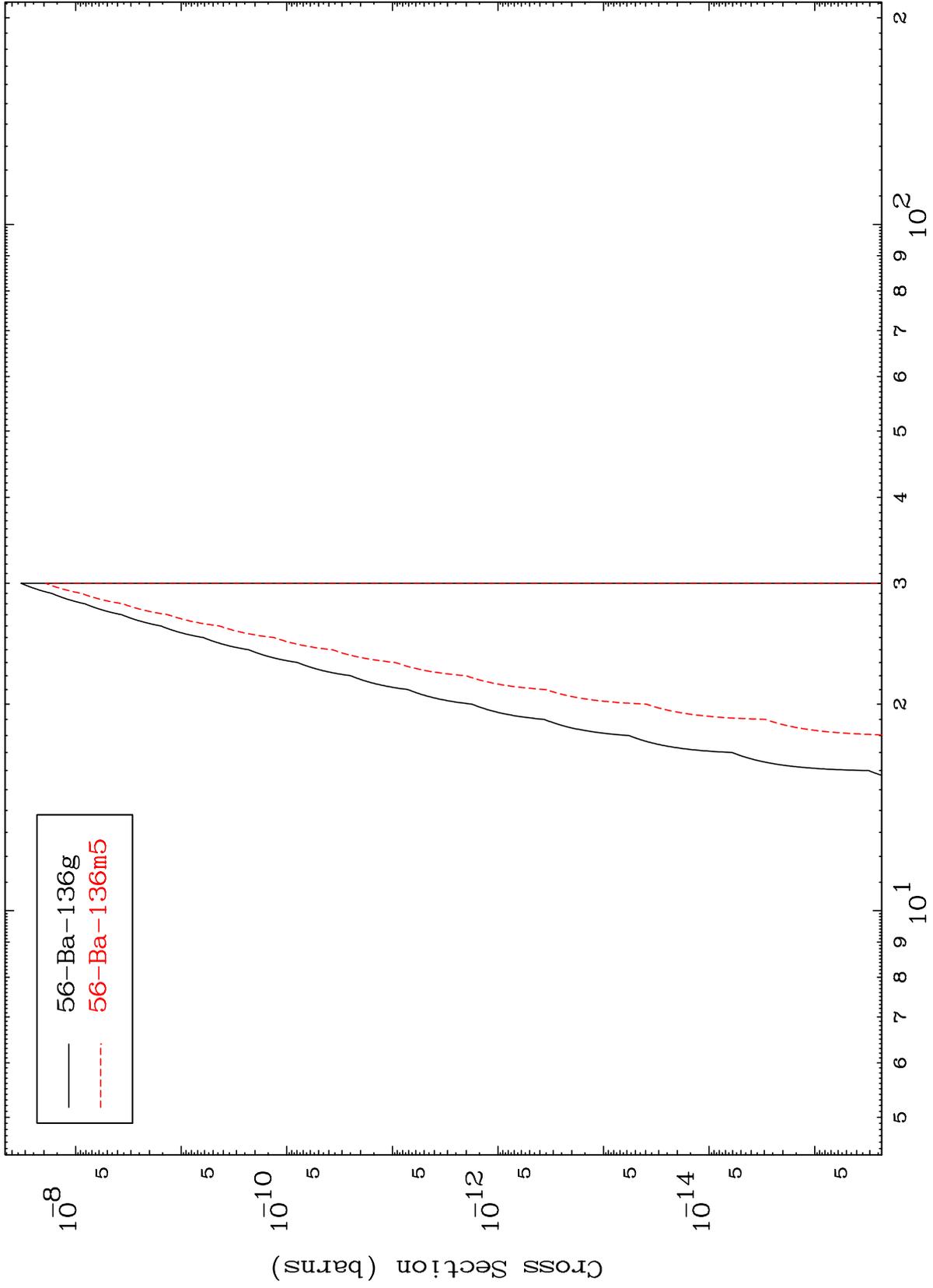


MAT 5925

(n,d) α

59-Pr-141

Radionuclide Production Cross Section



— 56-Ba-136g
- - - 56-Ba-136m5

145

Incident Energy (MeV)

59-Pr-141