

Program EVALPLOT
(Version 2021-1)

by

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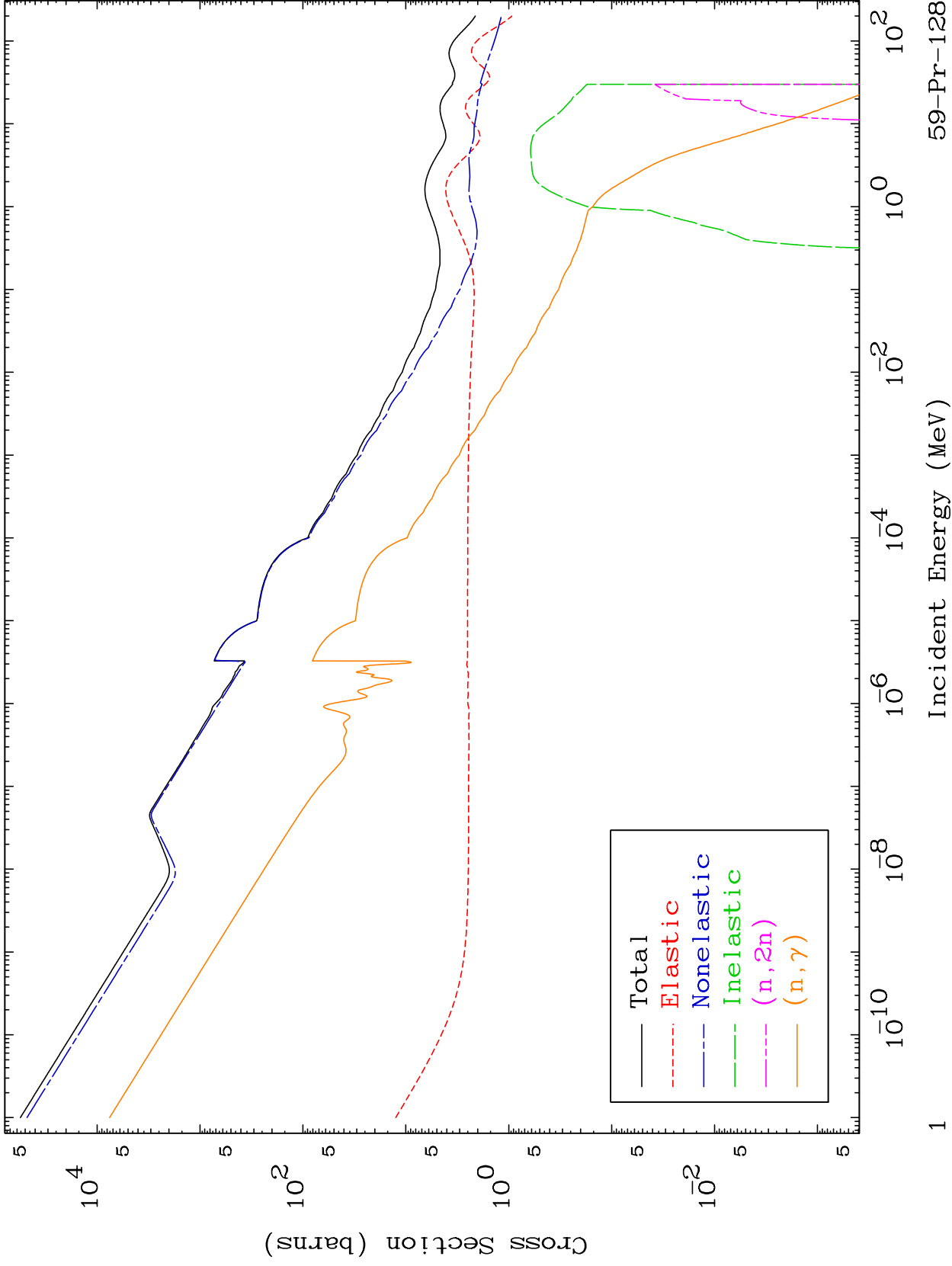
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5886

Neutron Major
293 Kelvin Cross Sections

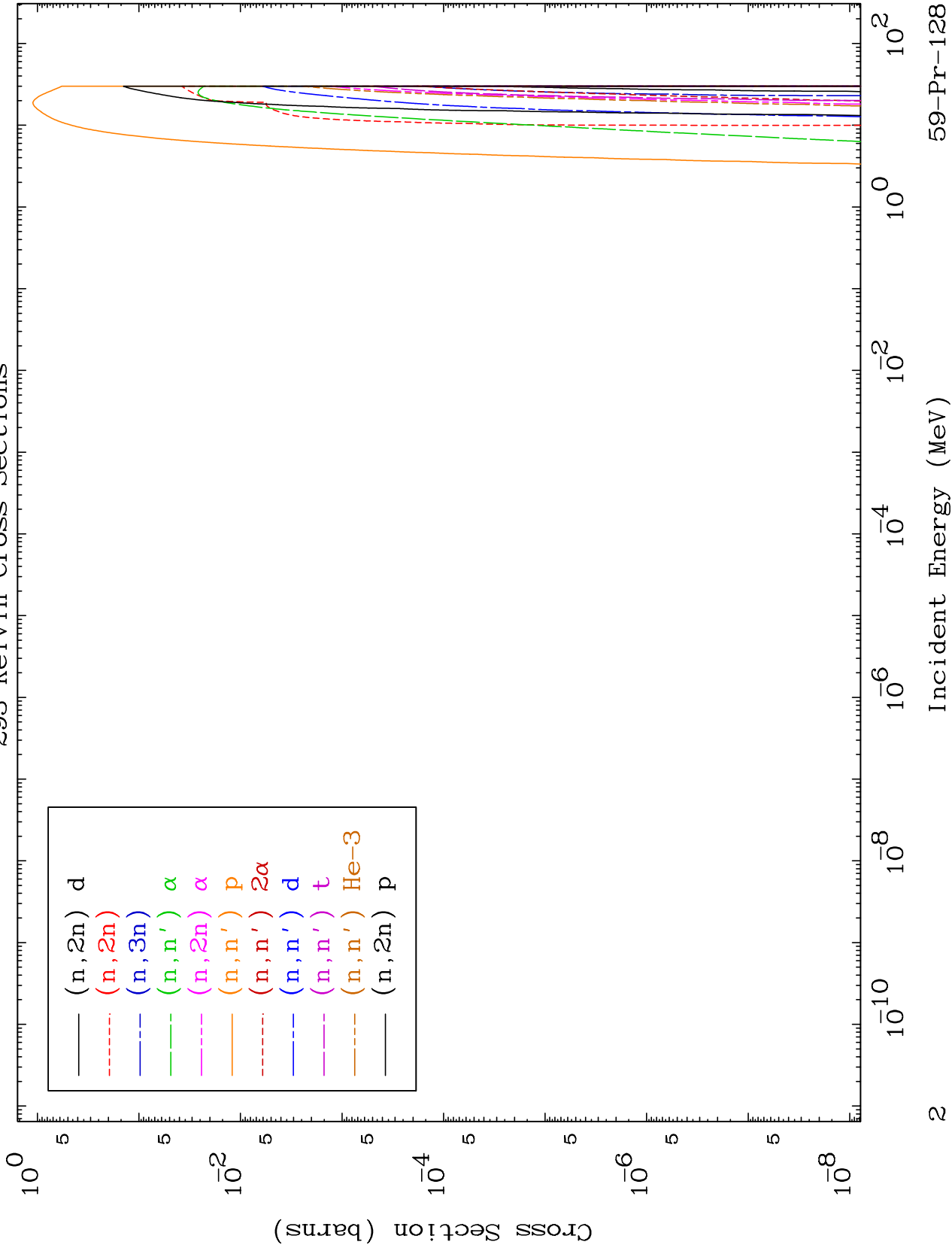
59-Pr-128

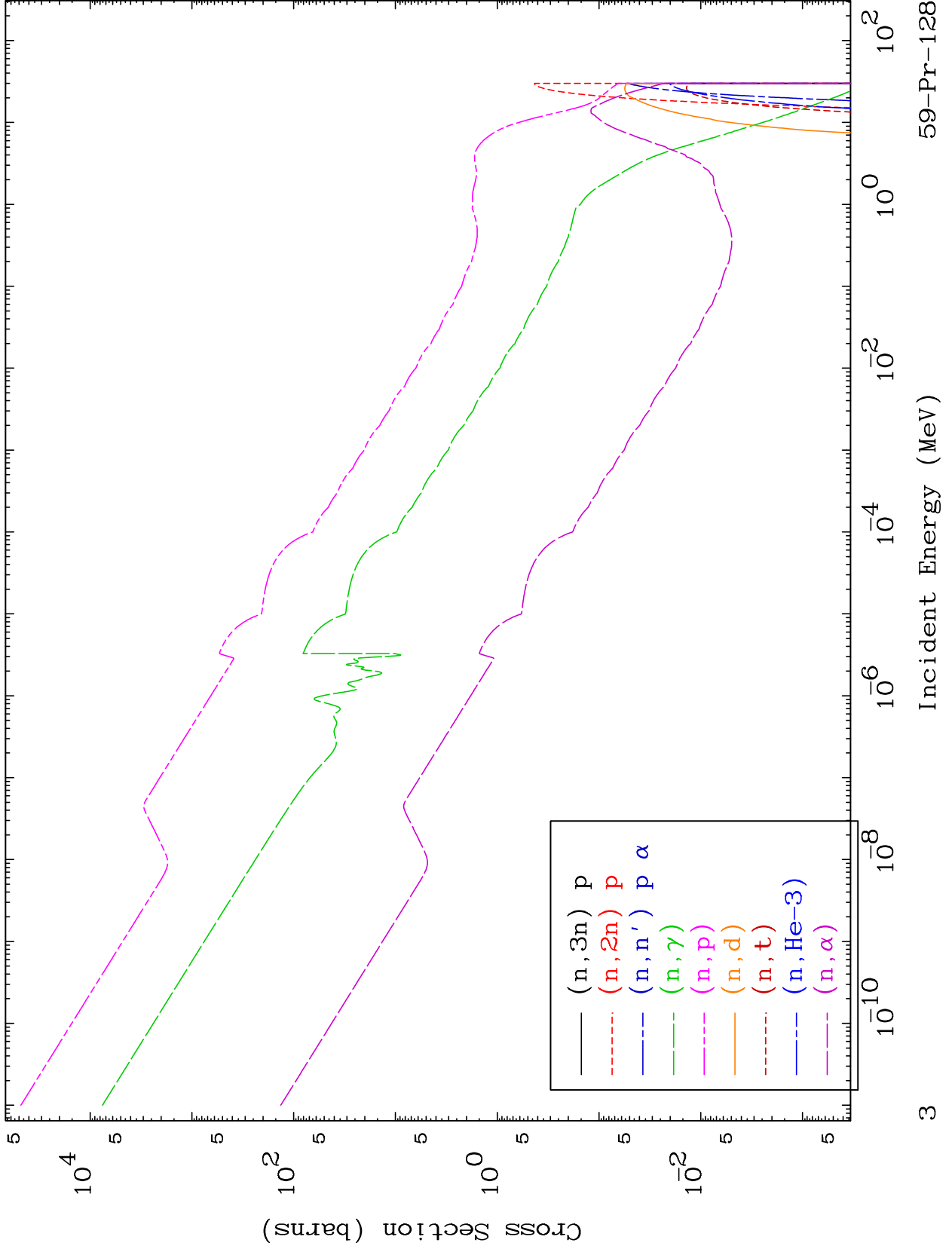


MAT 5886

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-128

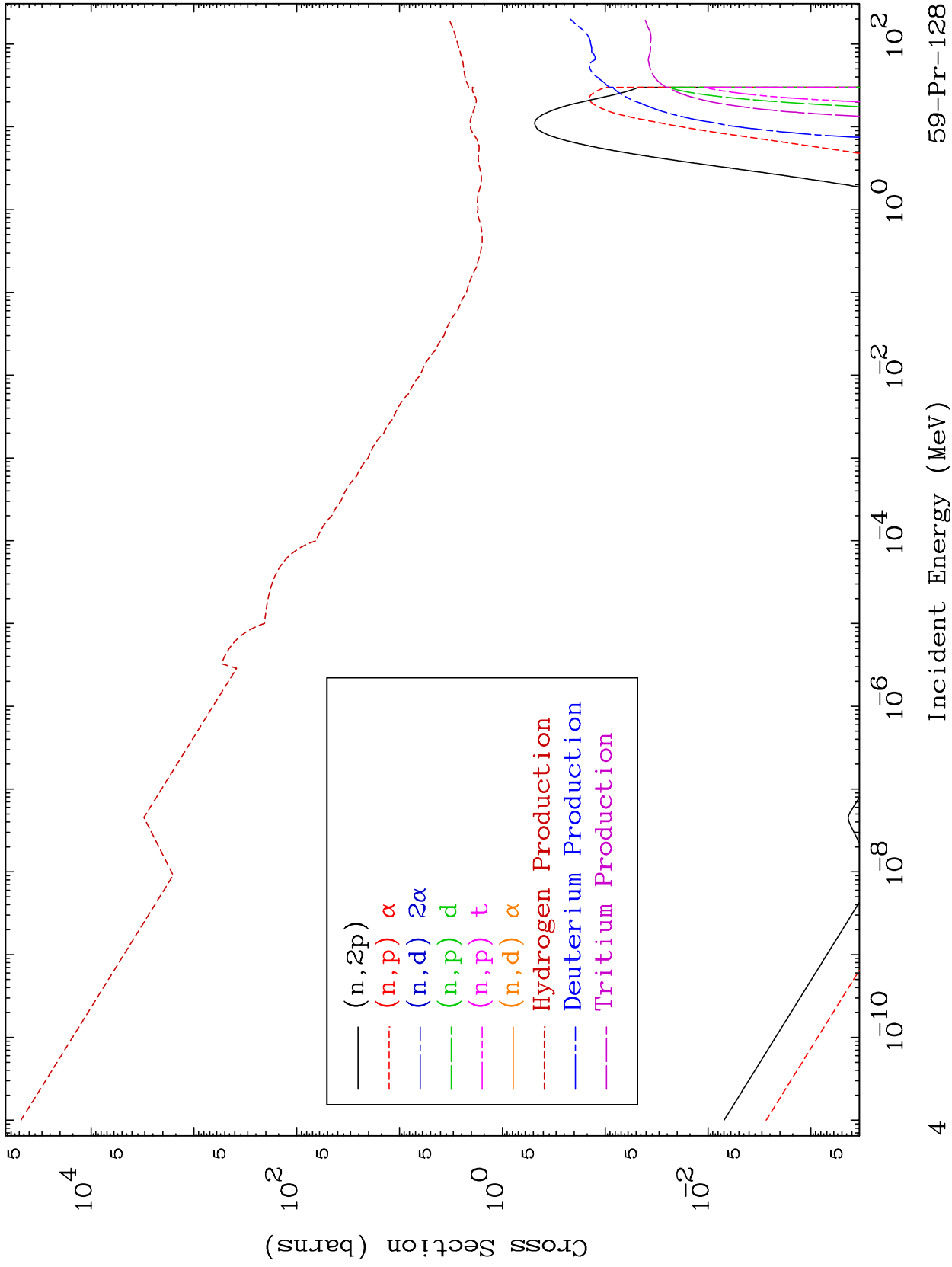




MAT 5886

Neutron Absorption
293 Kelvin Cross Sections

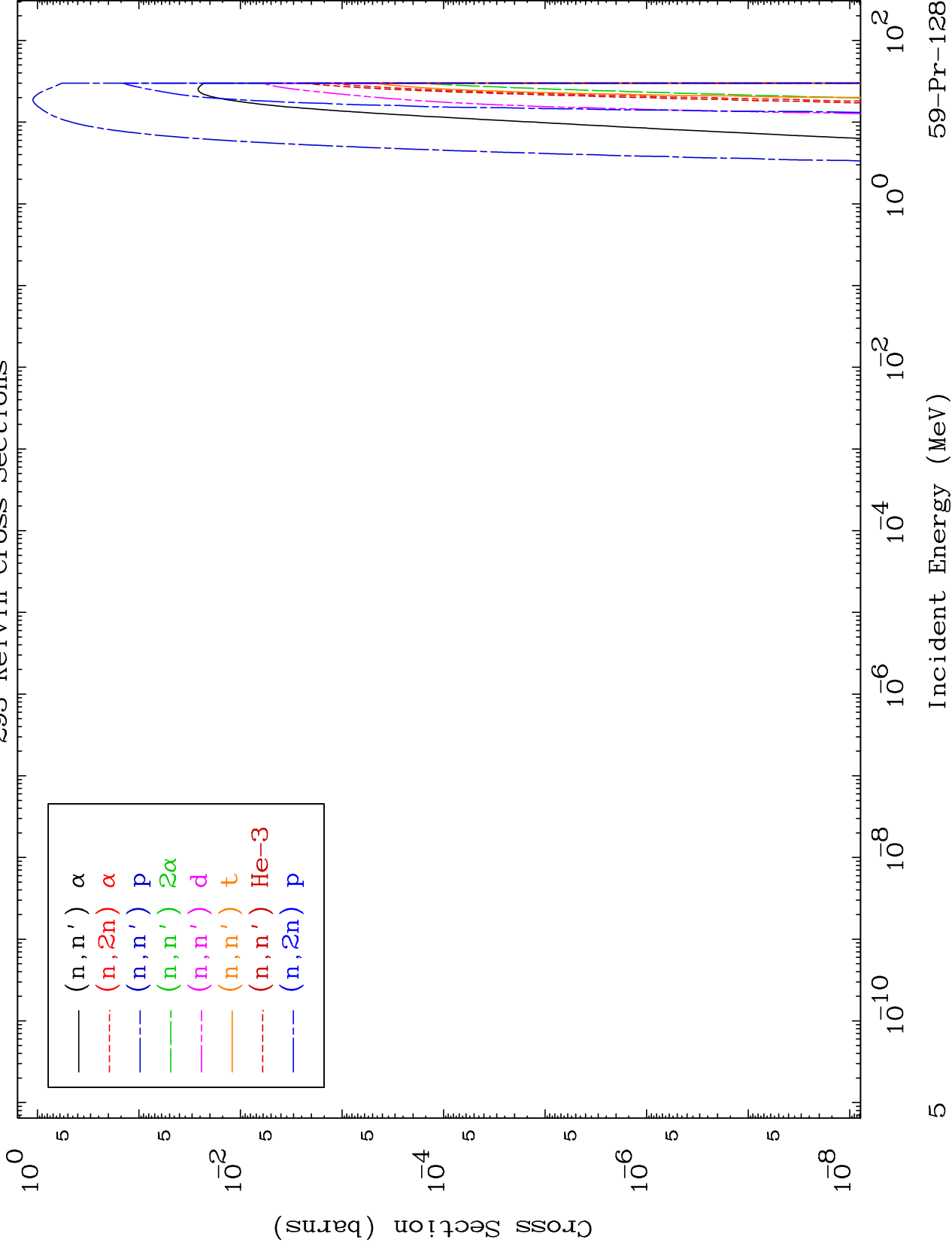
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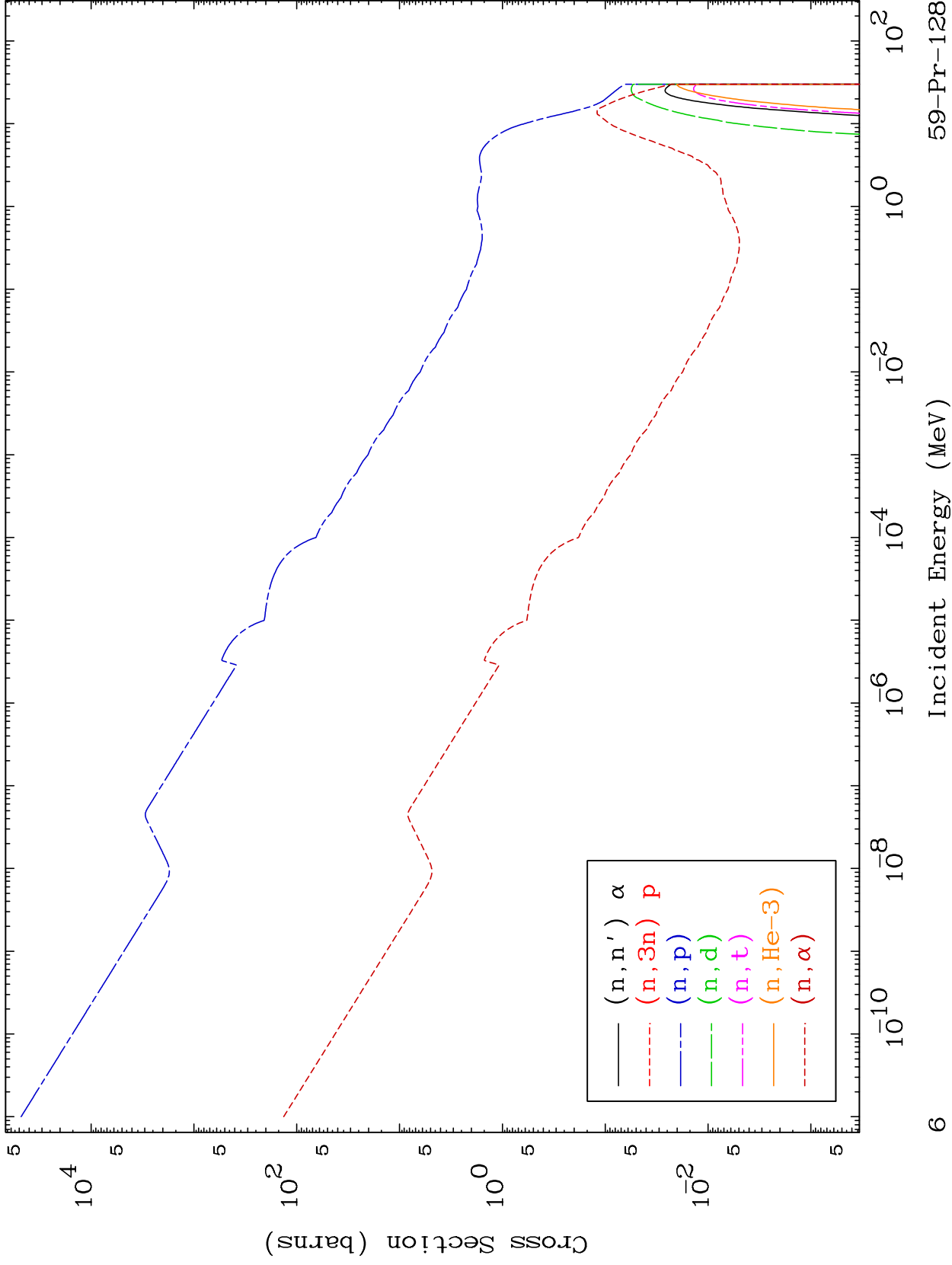


MAT 5886

Charged Particle
293 Kelvin Cross Sections

59-Pr-128

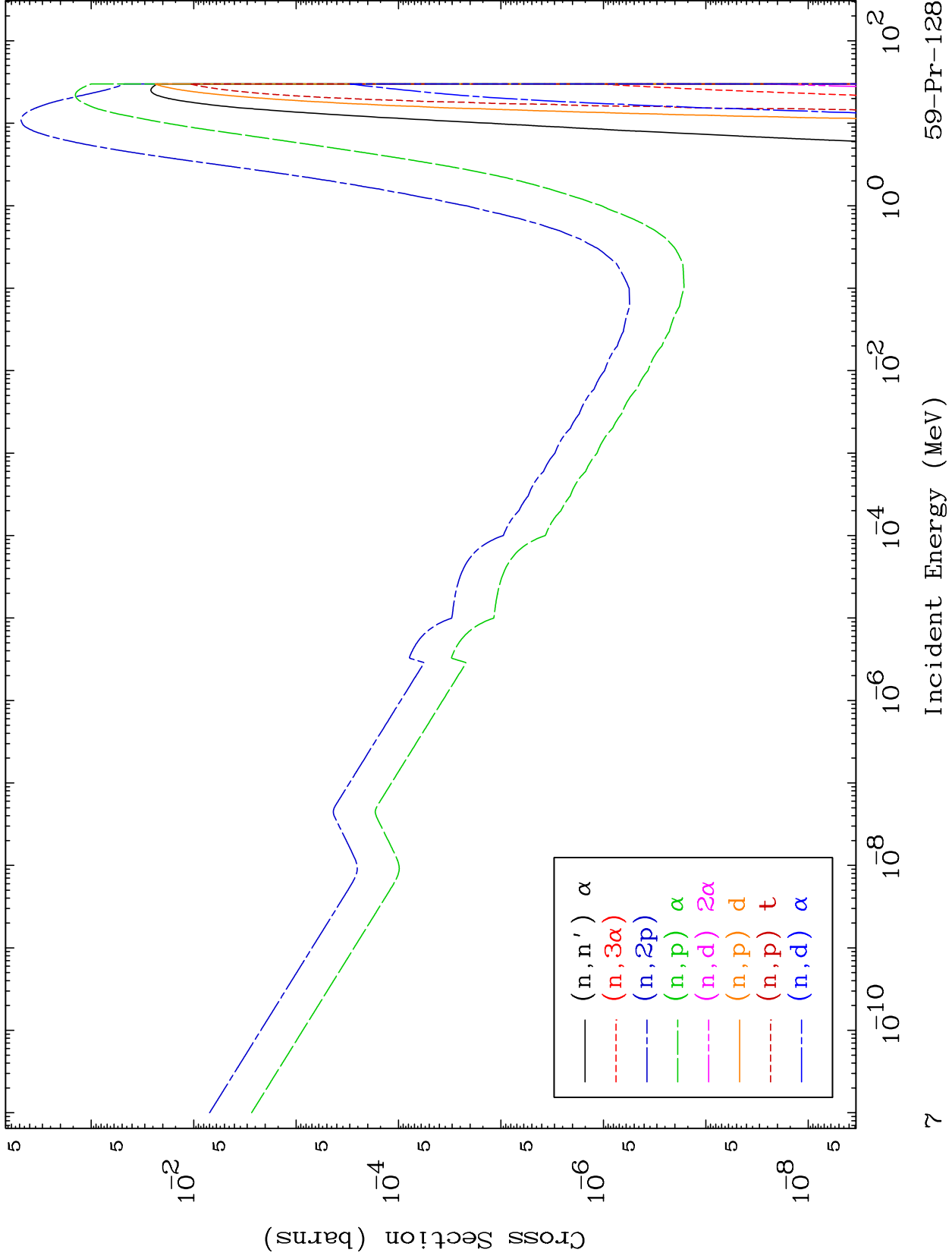


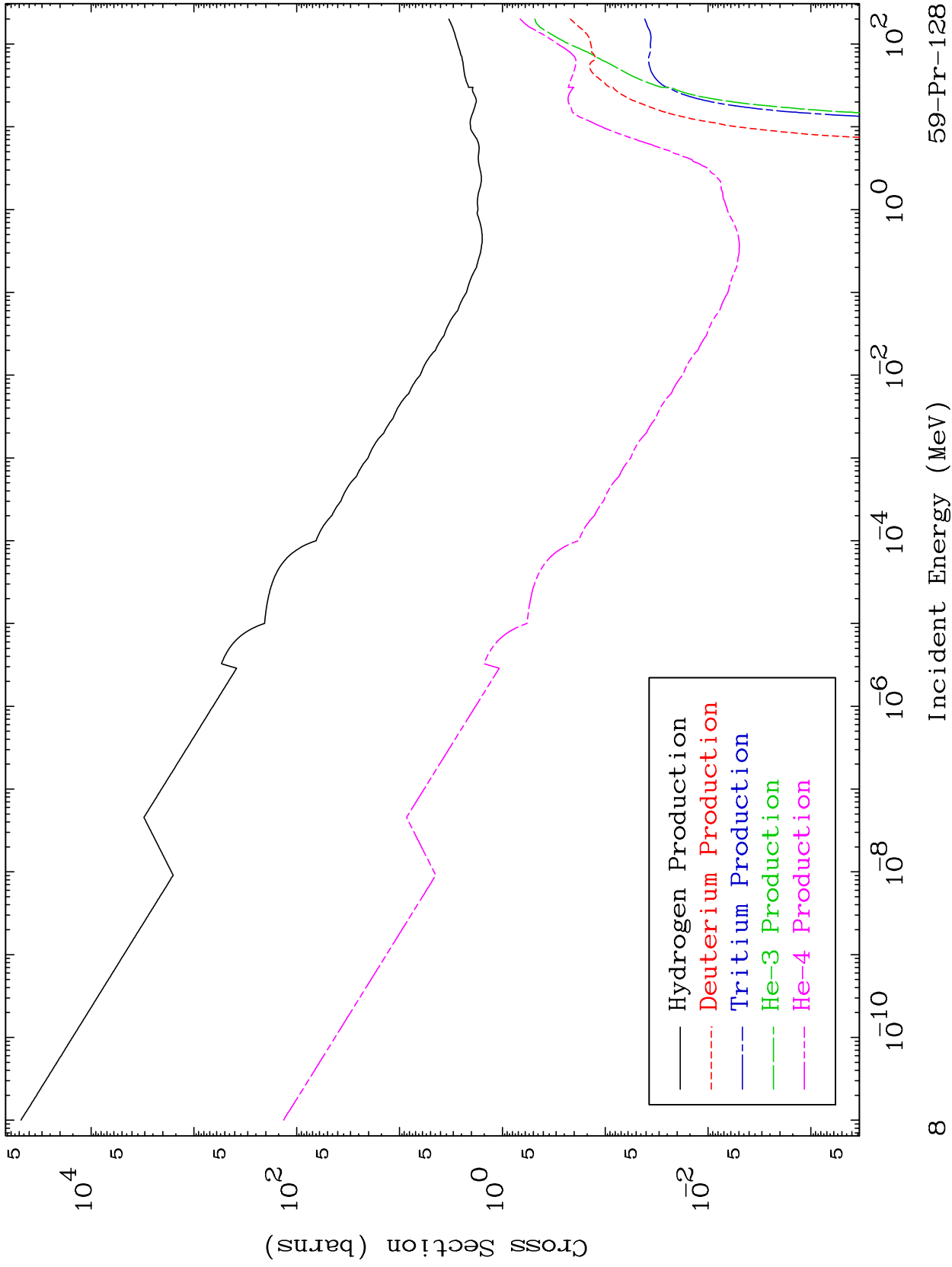


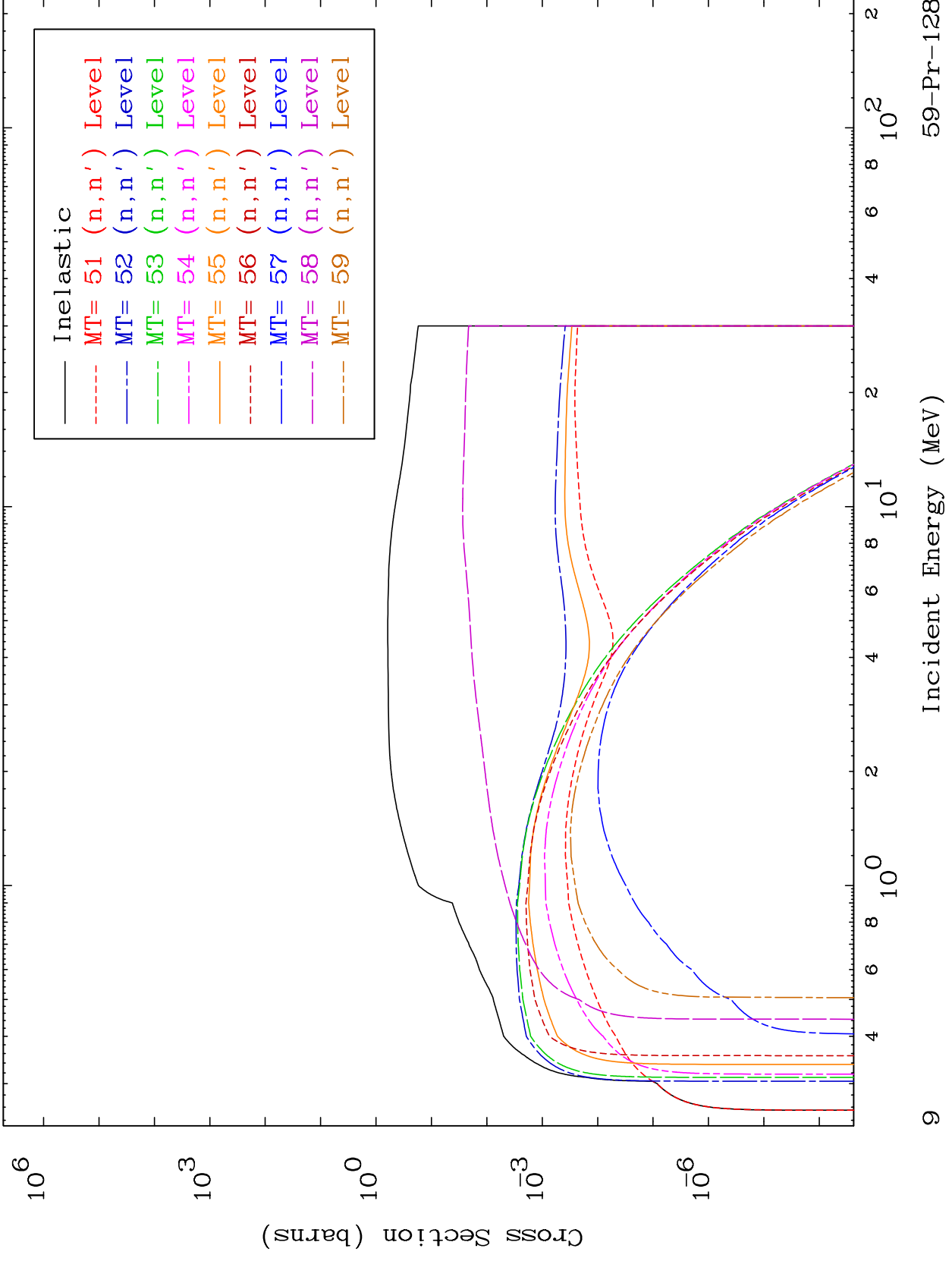
MAT 5886

Charged Particle
293 Kelvin Cross Sections

59-Pr-128





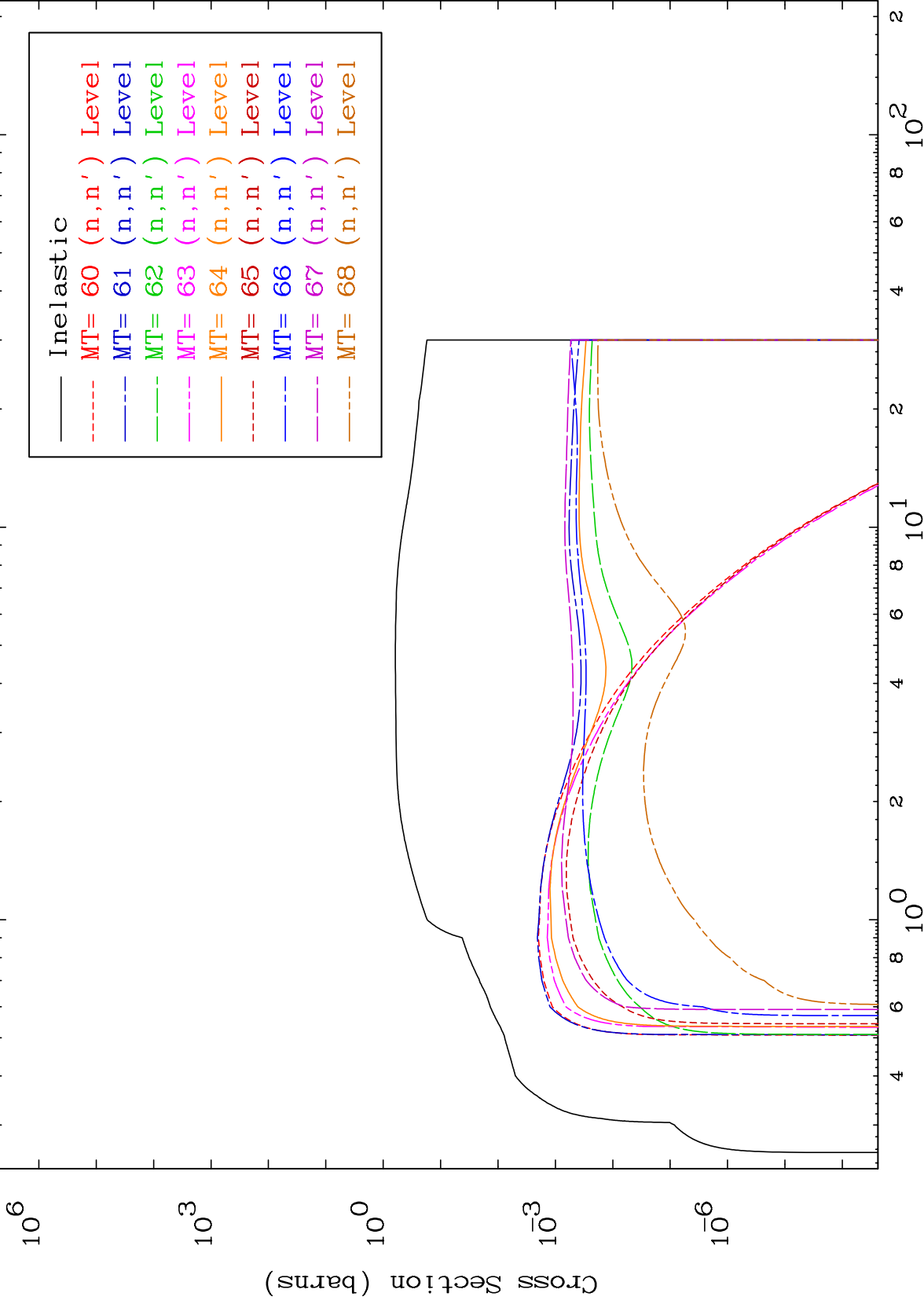


MAT 5886

(n,n') Levels

293 Kelvin Cross Sections

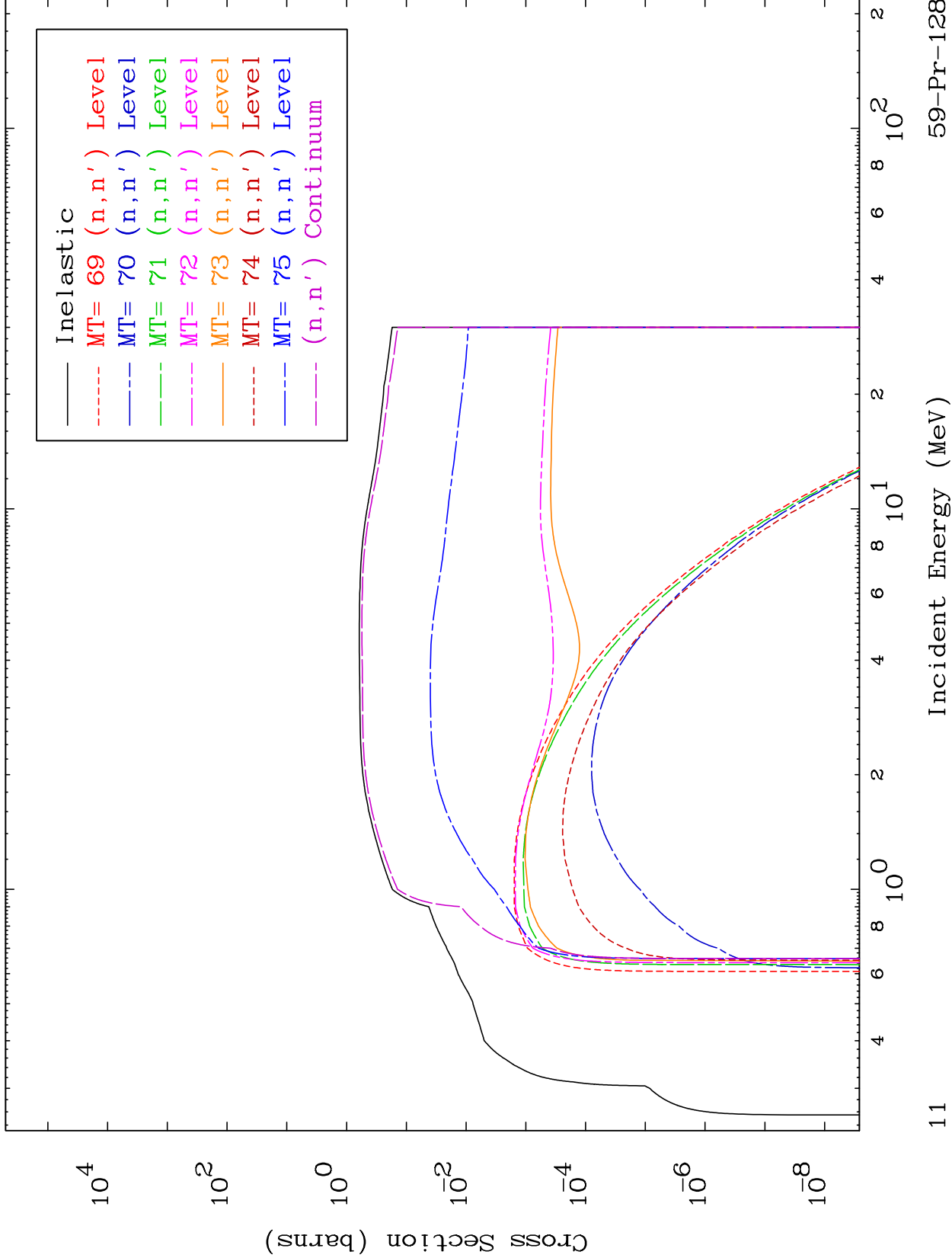
59-Pr-128



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Incident Energy (MeV)

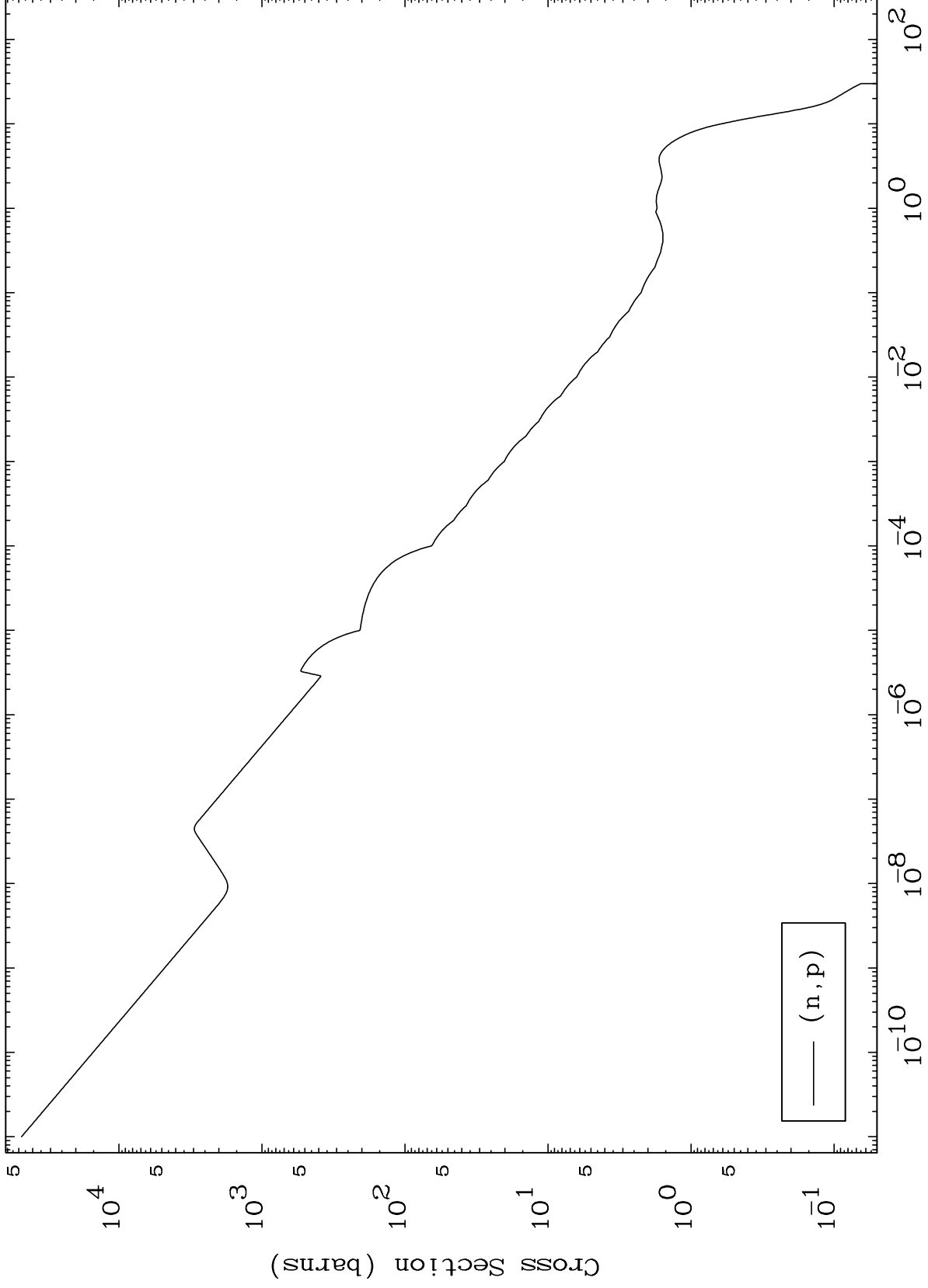
59-Pr-128



MAT 5886

(n,p) Levels
293 Kelvin Cross Sections

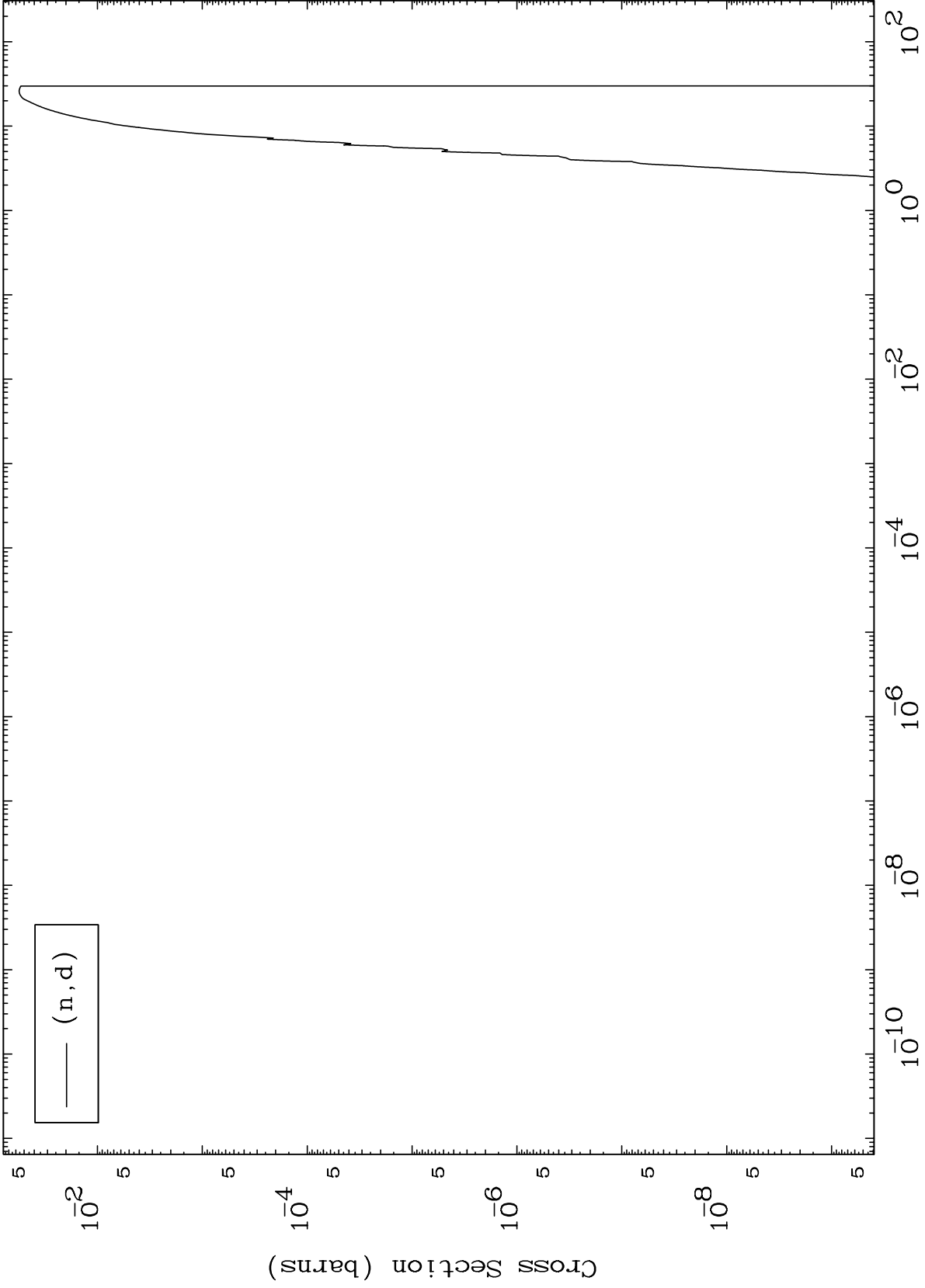
59-Pr-128



MAT 5886

(n,d) Levels
293 Kelvin Cross Sections

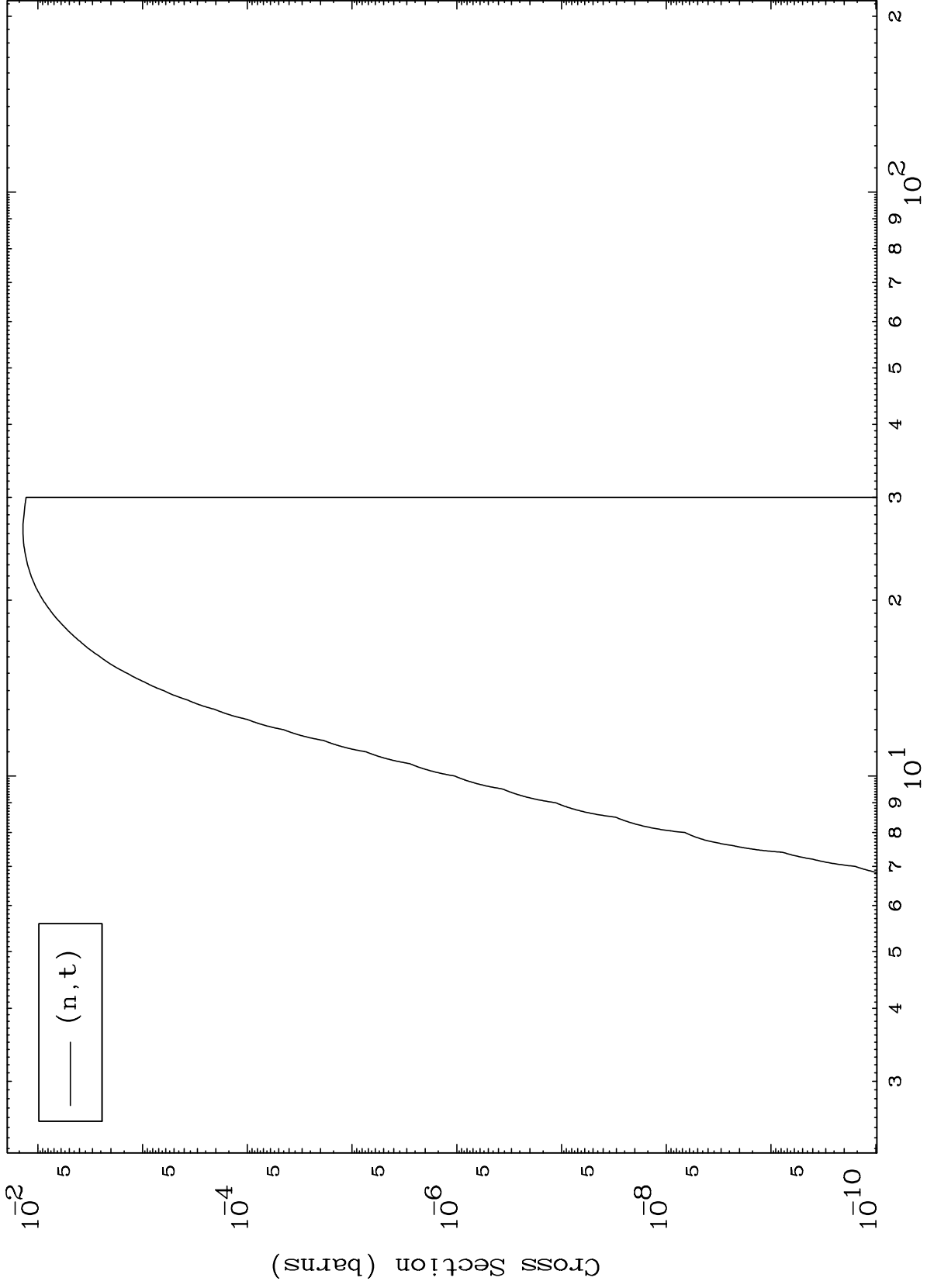
59-Pr-128



MAT 5886

(n,t) Levels
293 Kelvin Cross Sections

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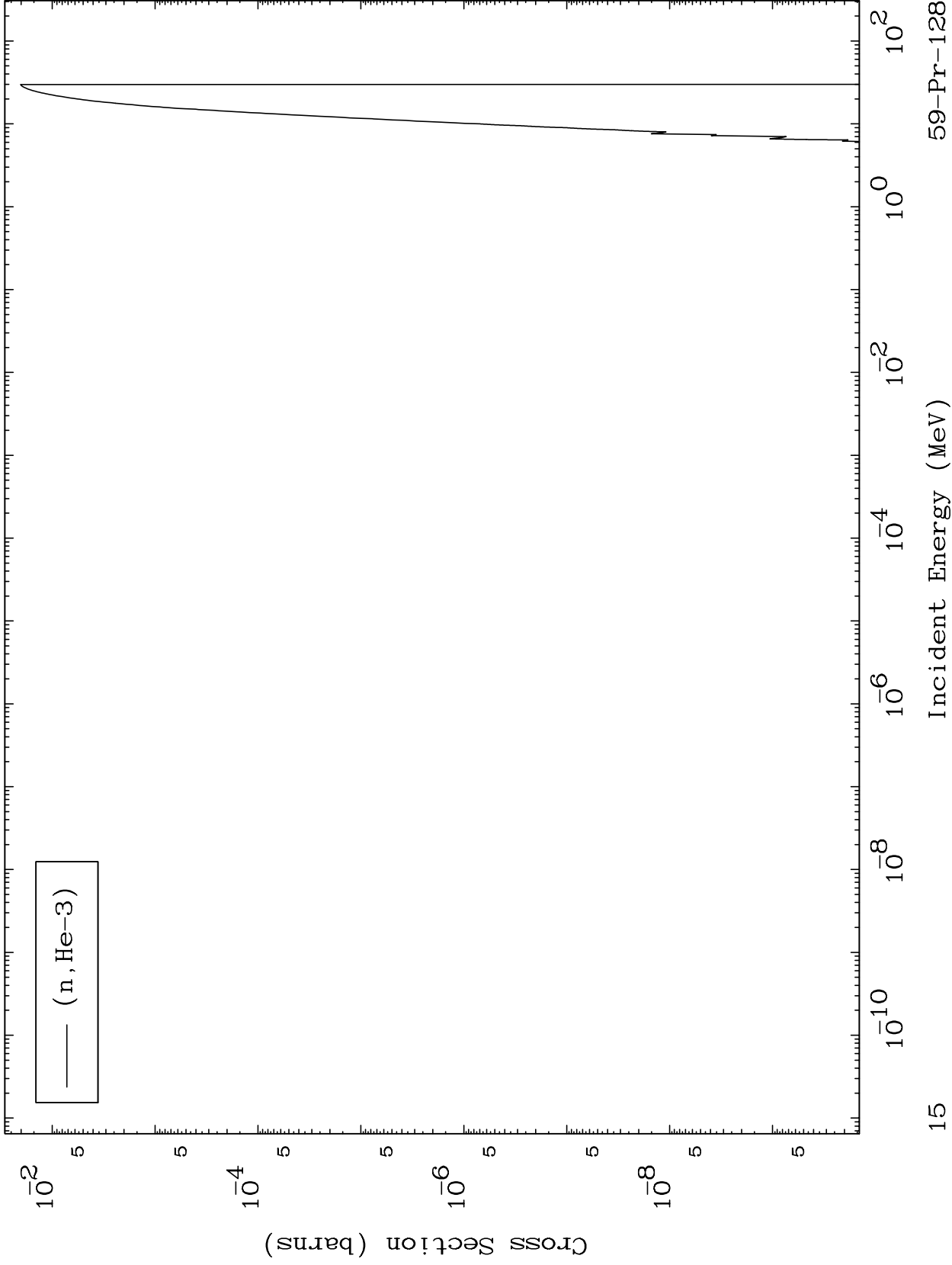


(n,t)

MAT 5886

(n,He3) Levels
293 Kelvin Cross Sections

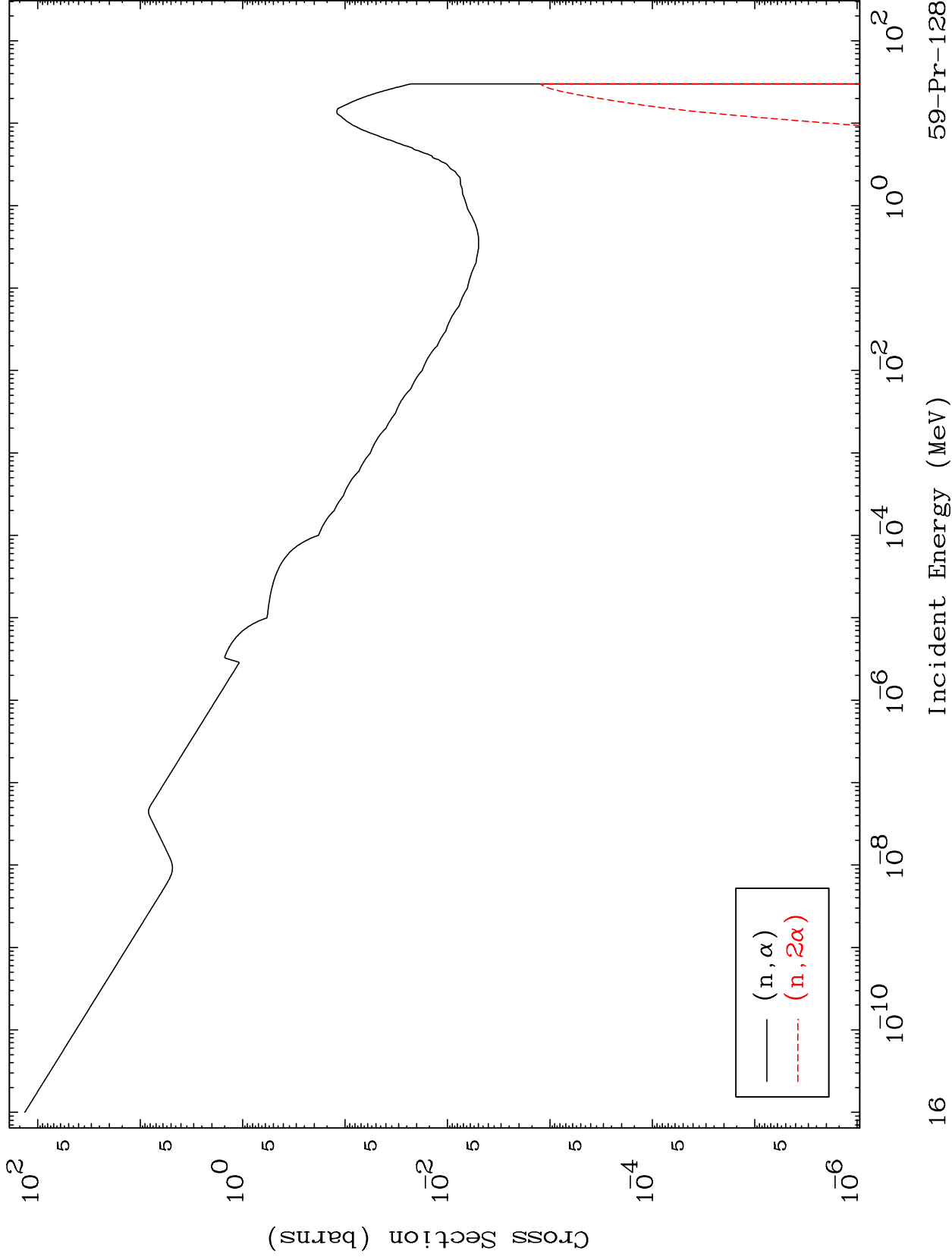
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MAT 5886

(n,α) Levels
293 Kelvin Cross Sections

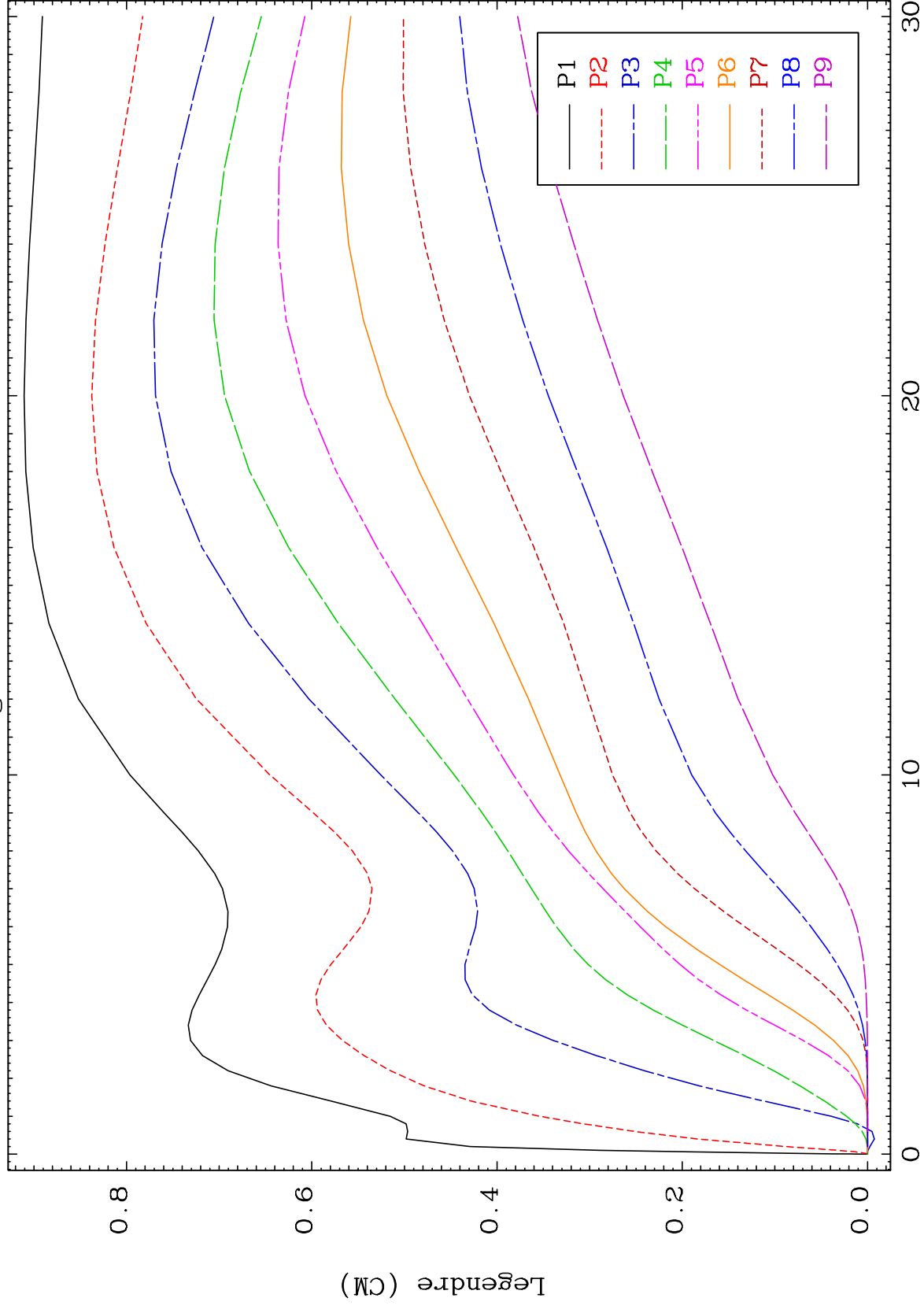
59-Pr-128



MAT 5886

Elastic Legendre Coefficients

59-Pr-128



17

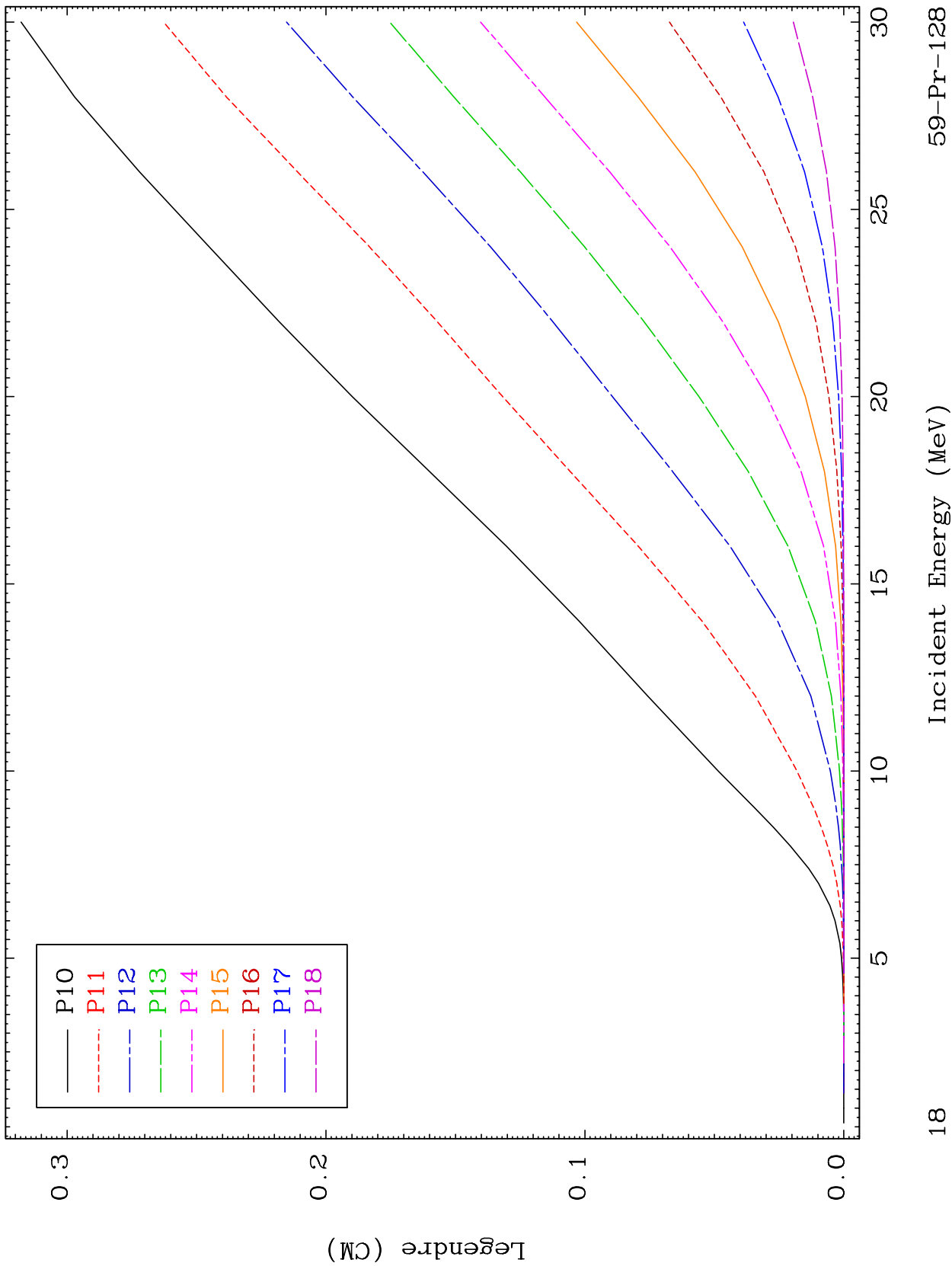
Incident Energy (MeV)

59-Pr-128

MAT 5886

Elastic Legendre Coefficients

59-Pr-128



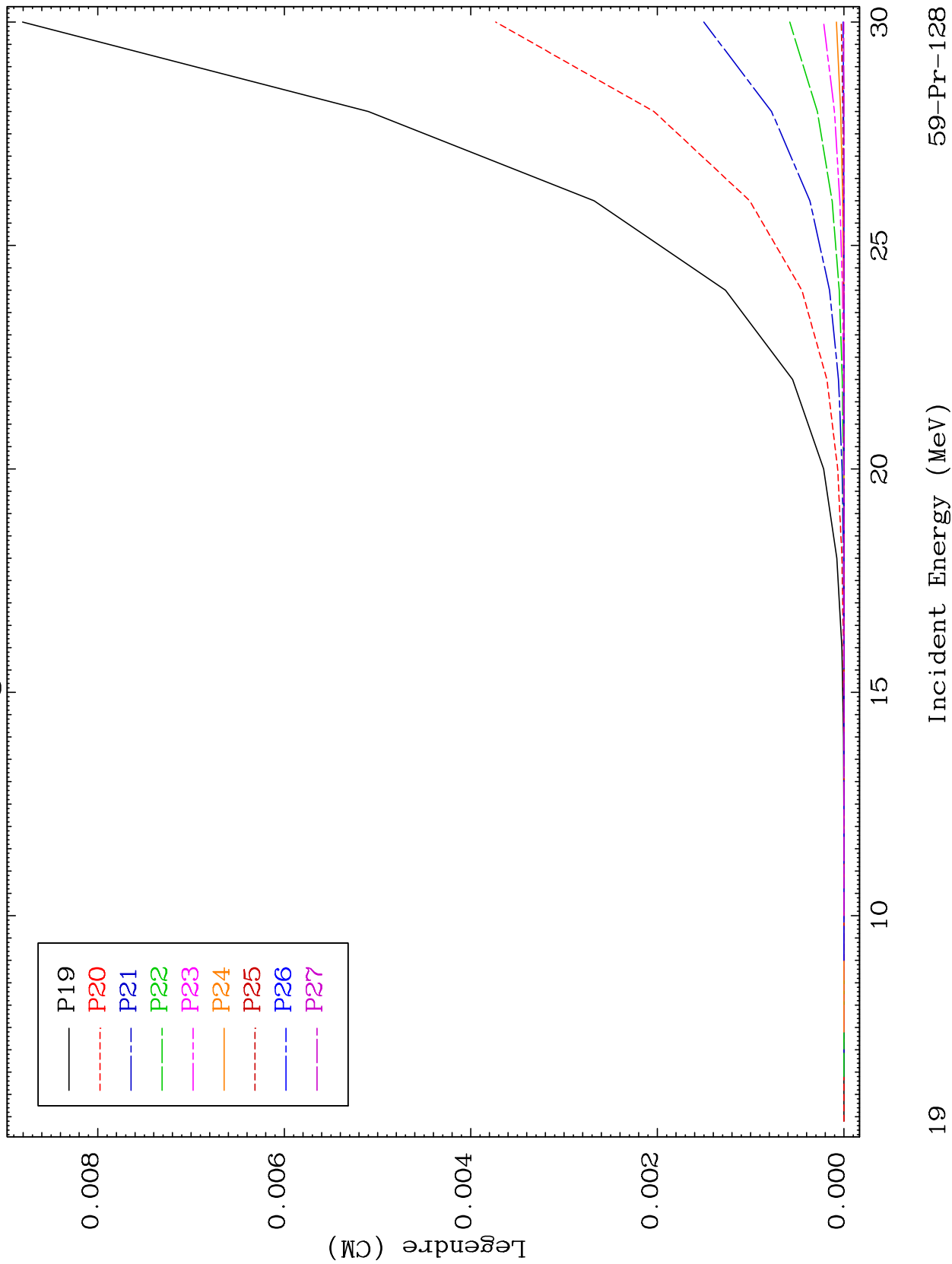
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59-Pr-128

MAT 5886

Elastic Legendre Coefficients

59-Pr-128



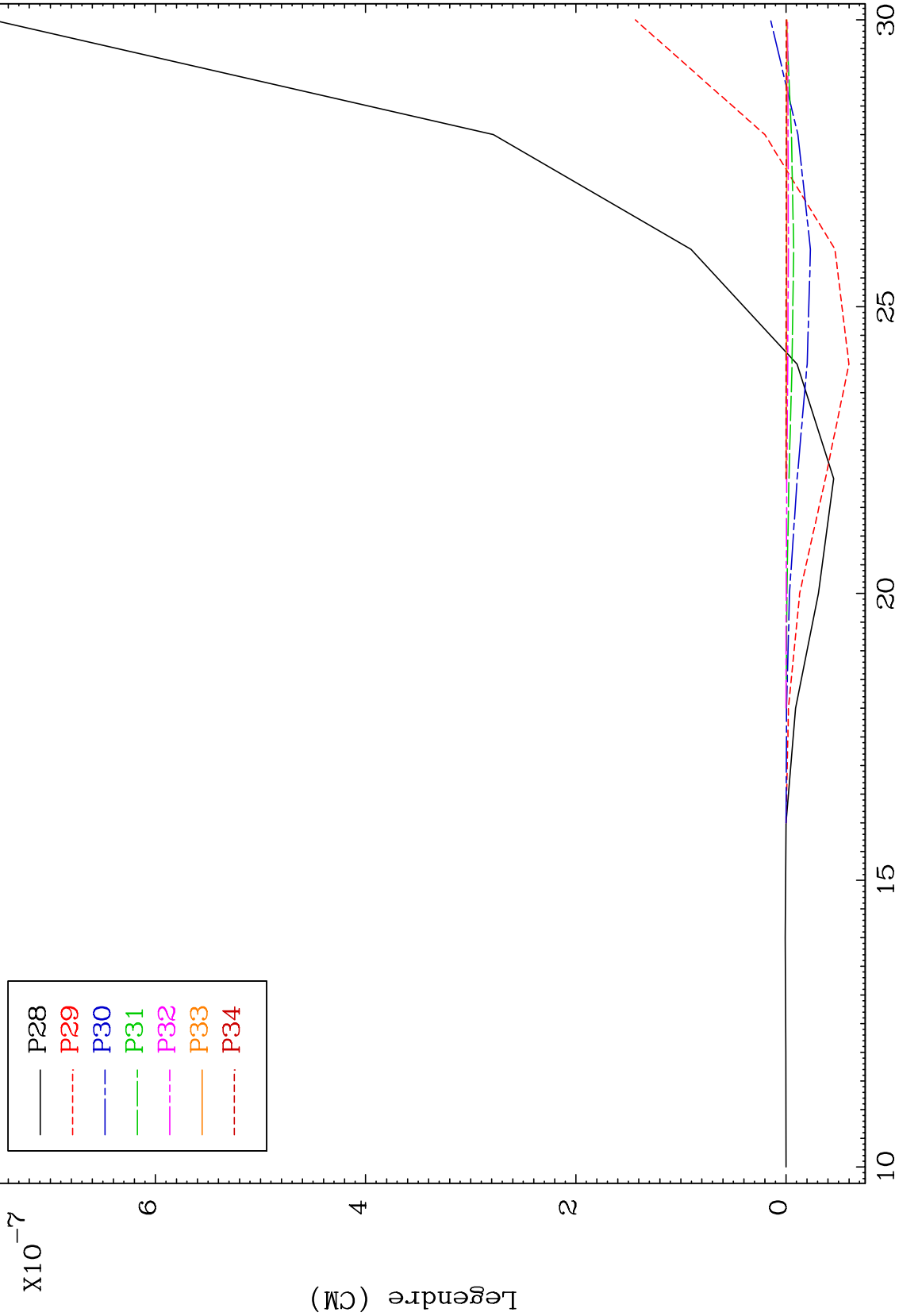
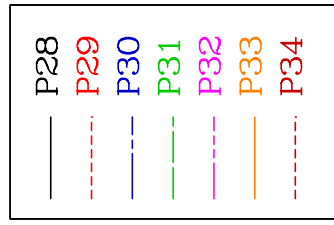
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59-Pr-128

MAT 5886

Elastic Legendre Coefficients

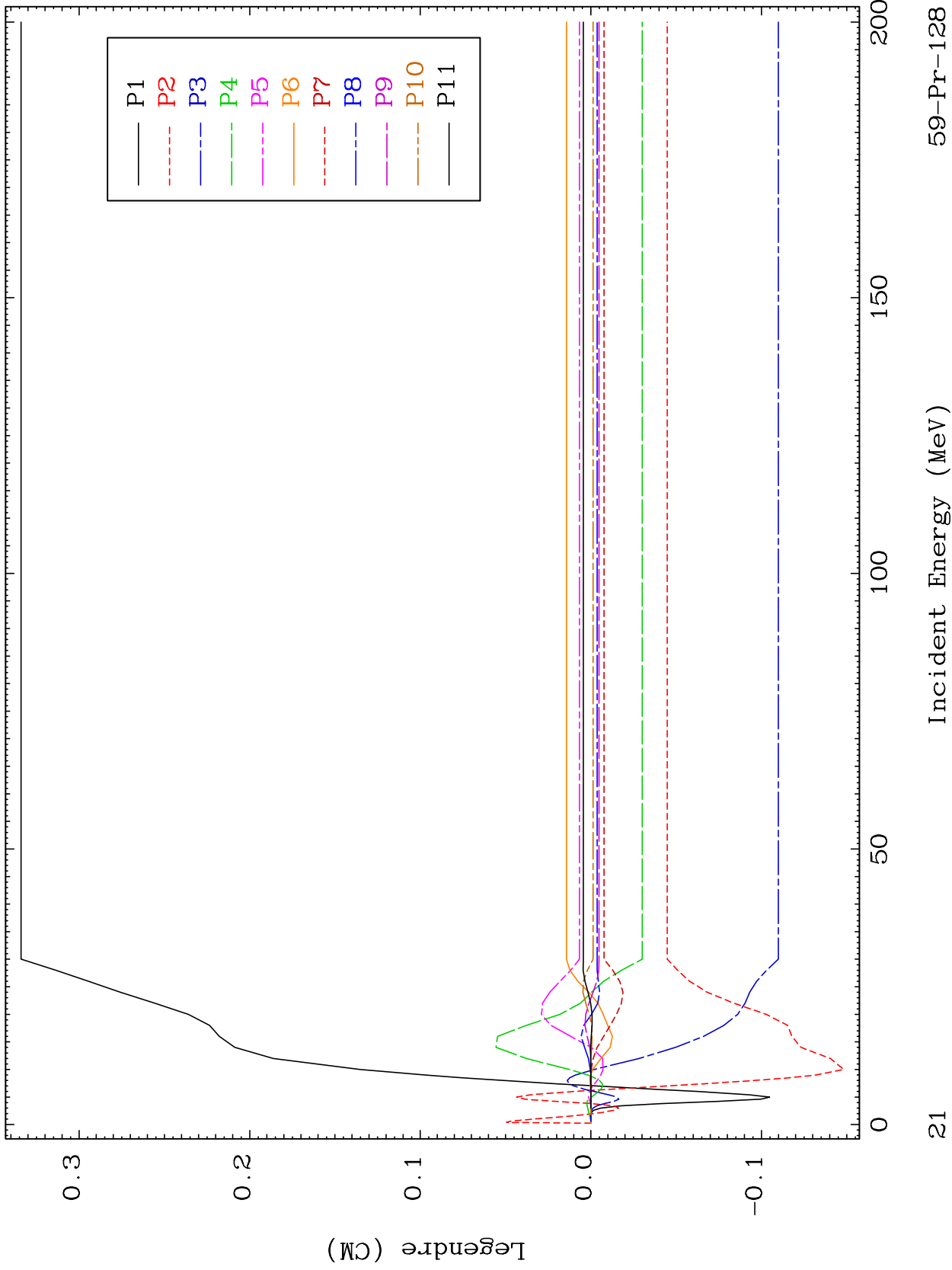
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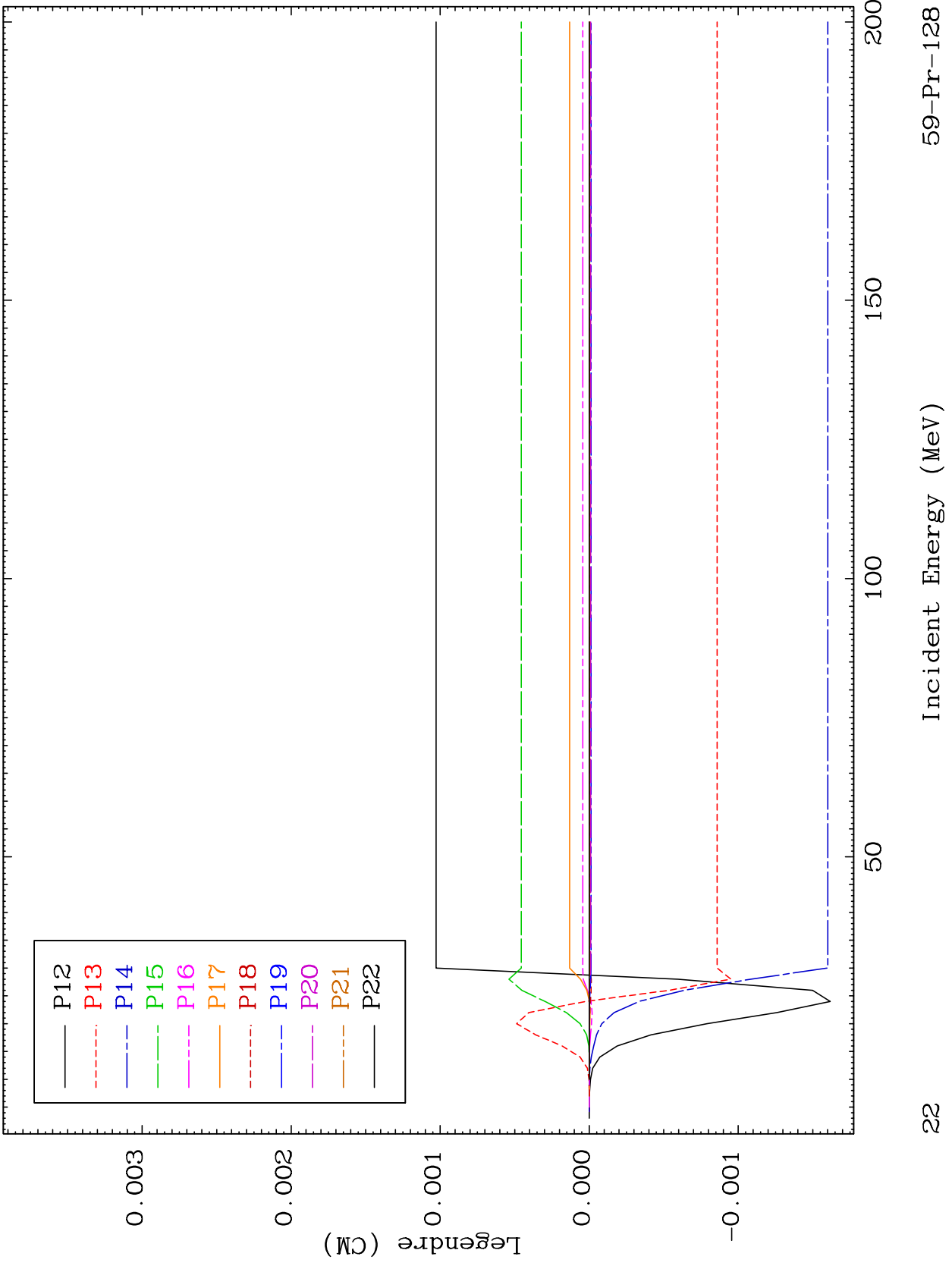


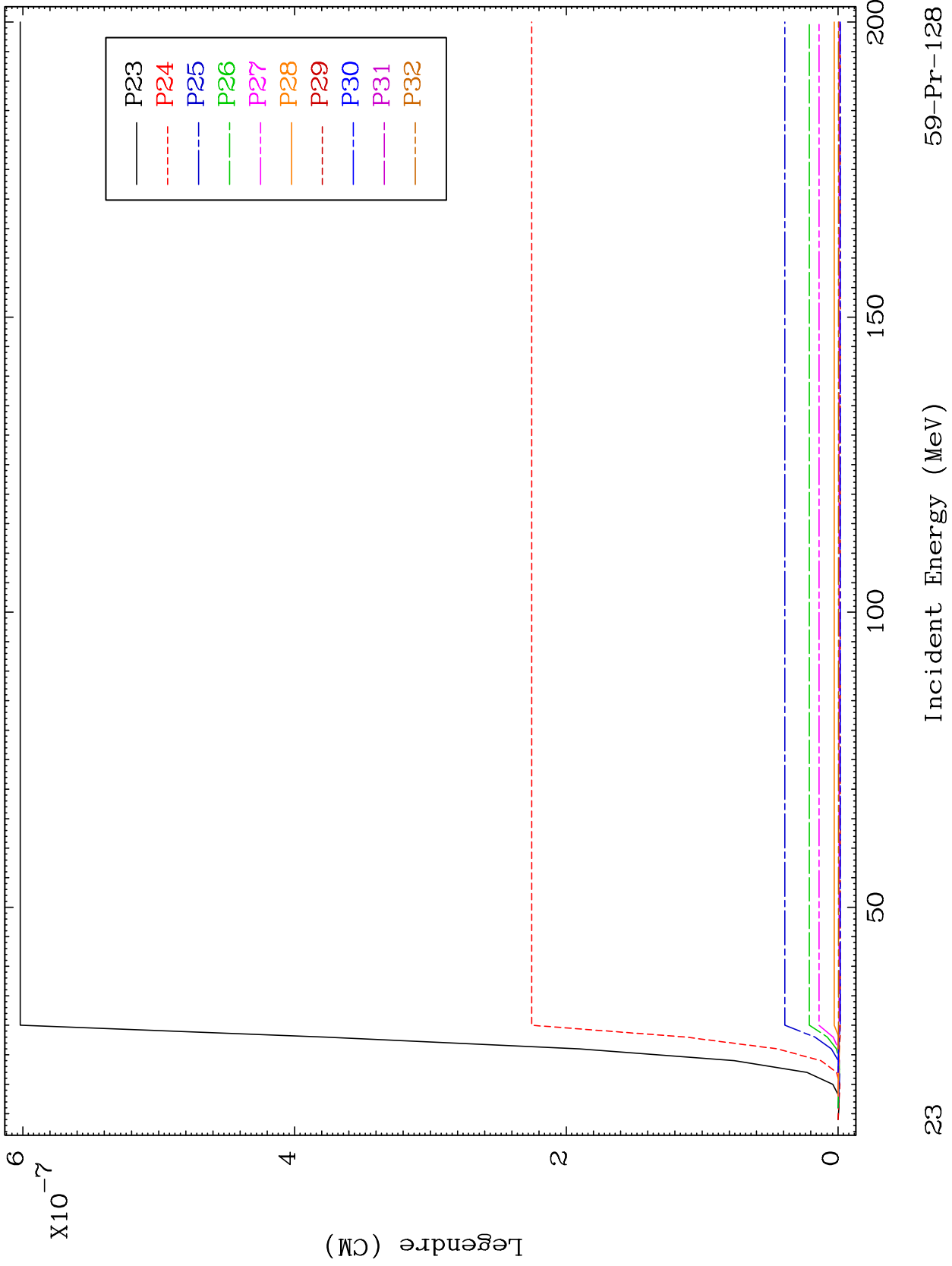
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Incident Energy (MeV)

20



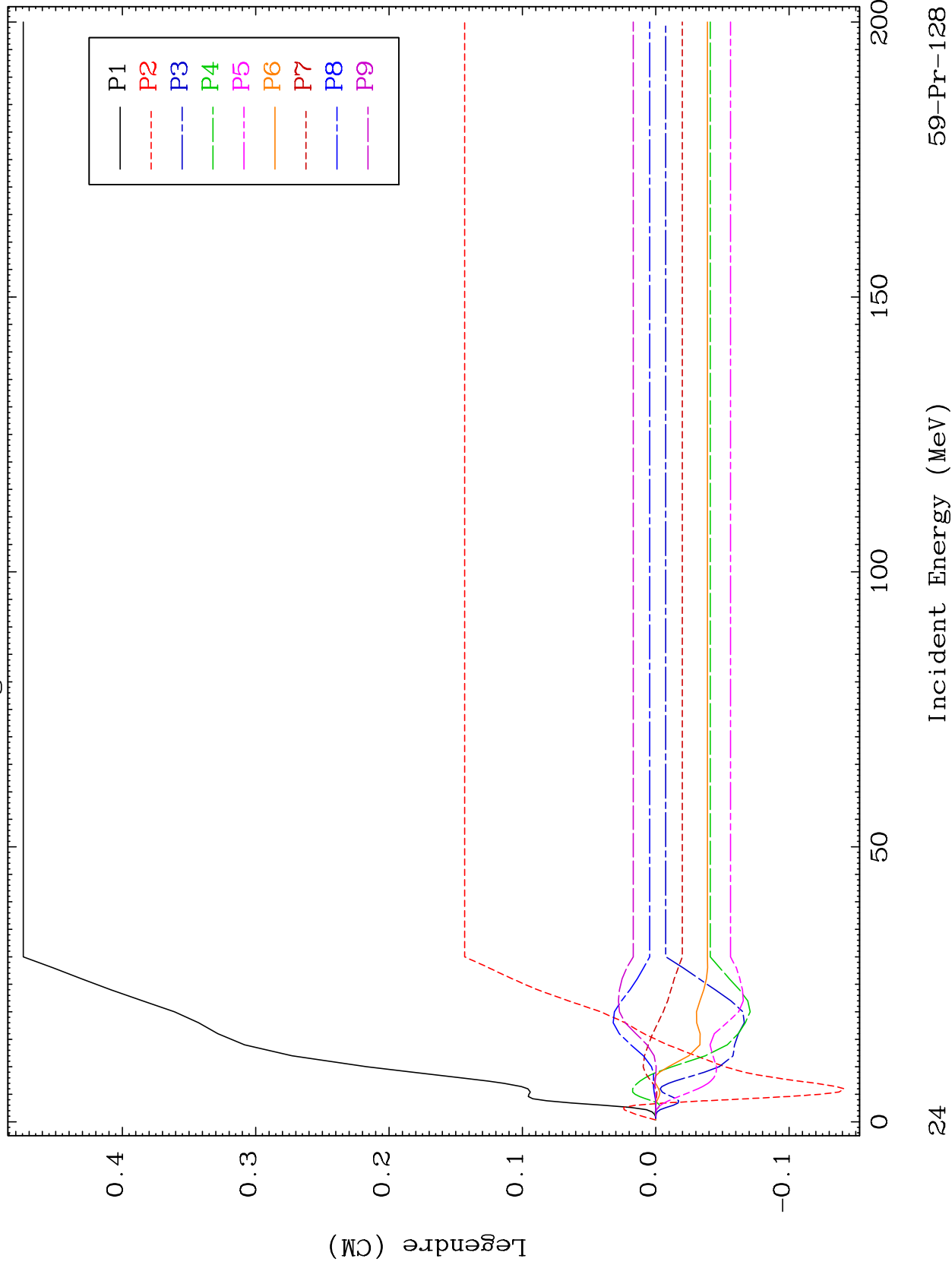




MAT 5886

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

59-Pr-128



59-Pr-128

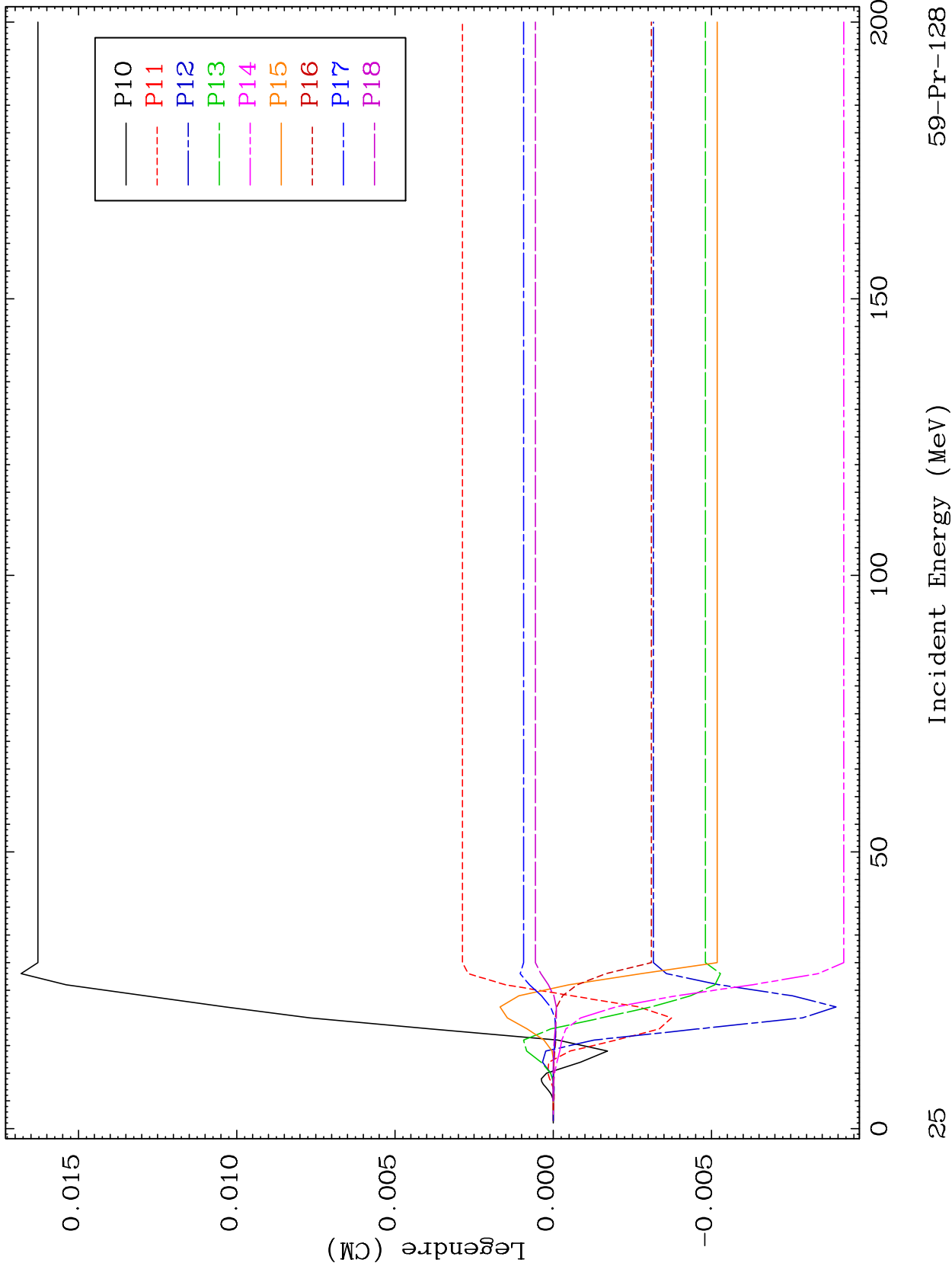
Incident Energy (MeV)

24

MAT 5886

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

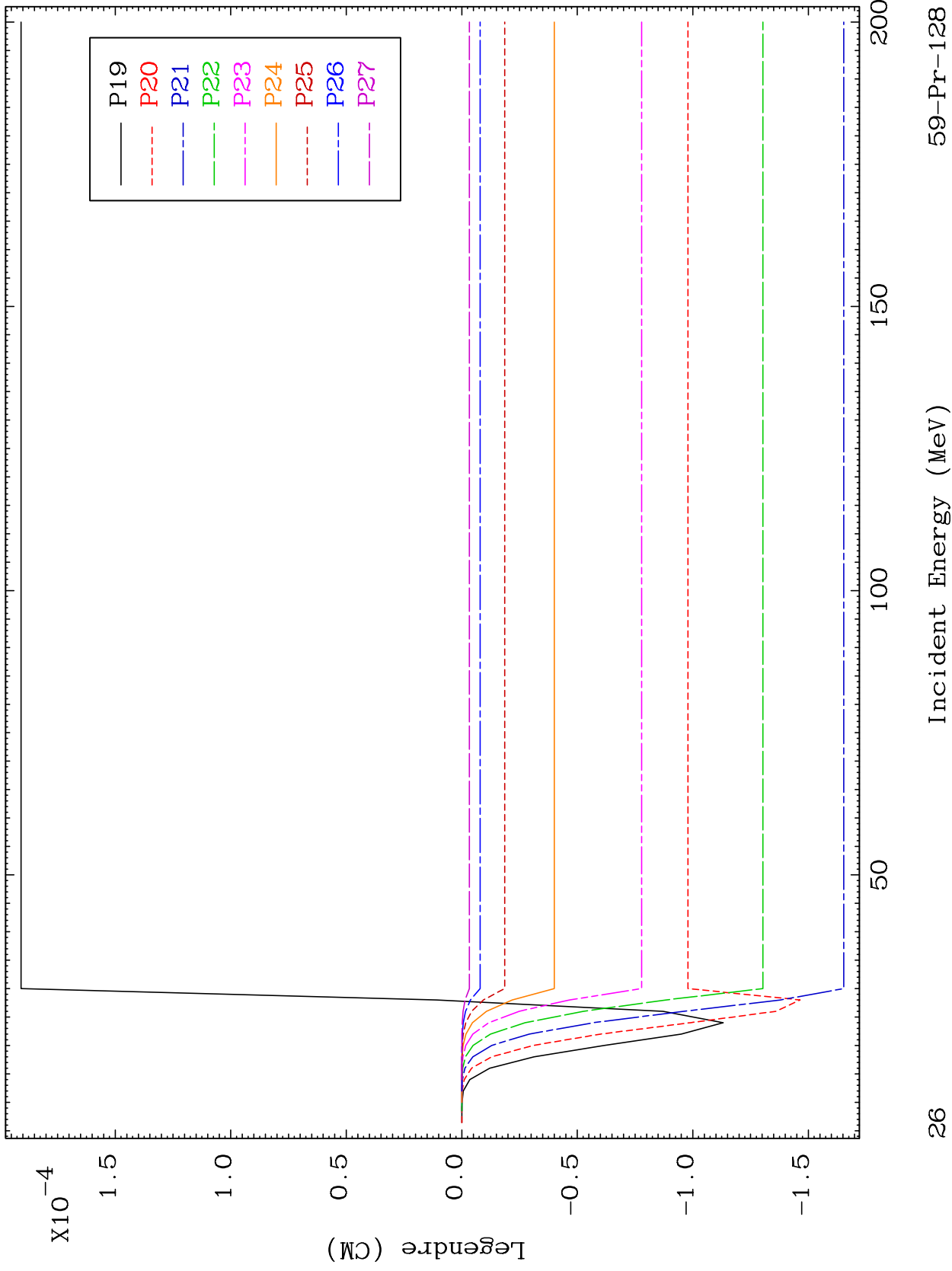
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59-Pr-128

Incident Energy (MeV)

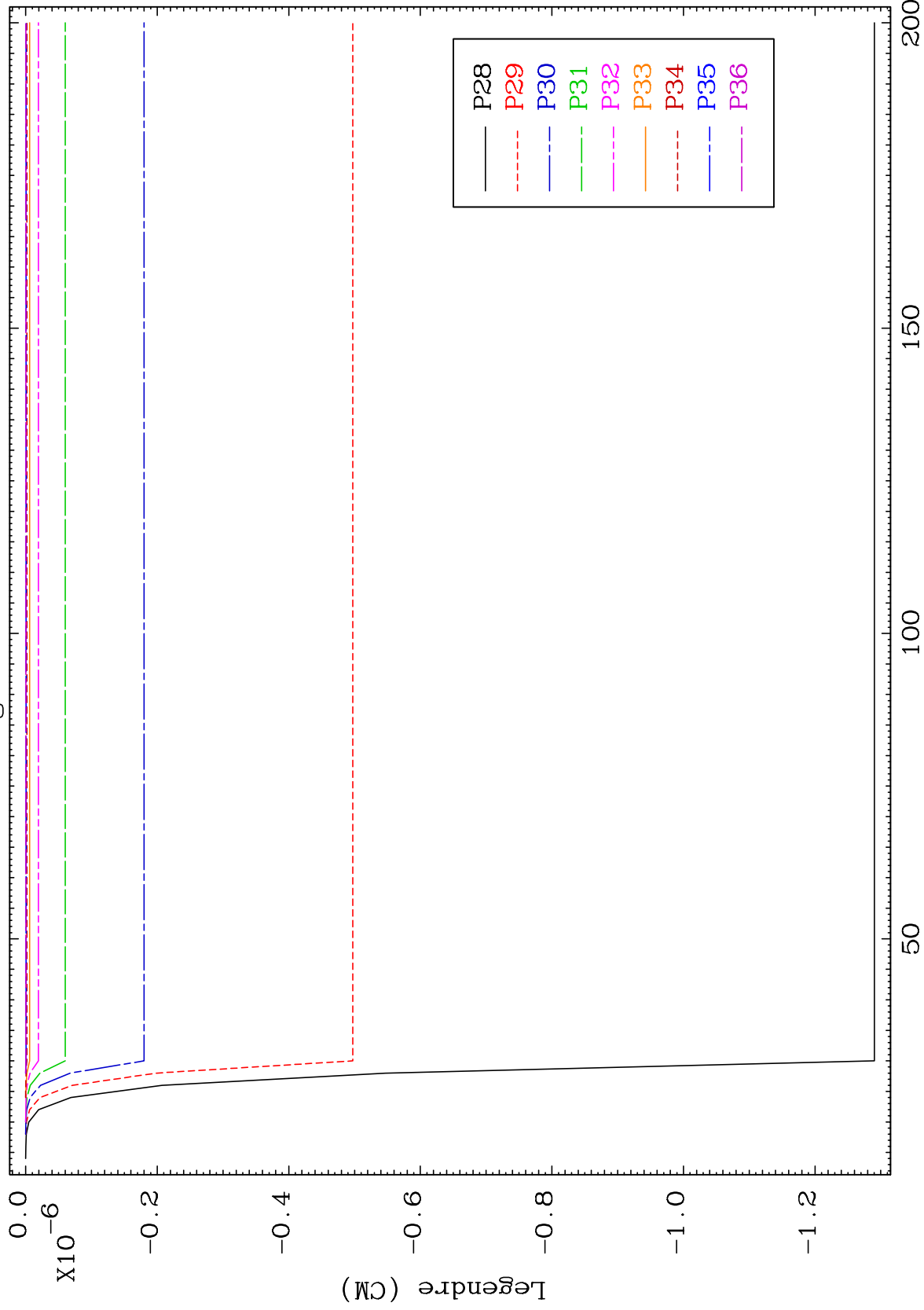
25



MAT 5886

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

59-Pr-128



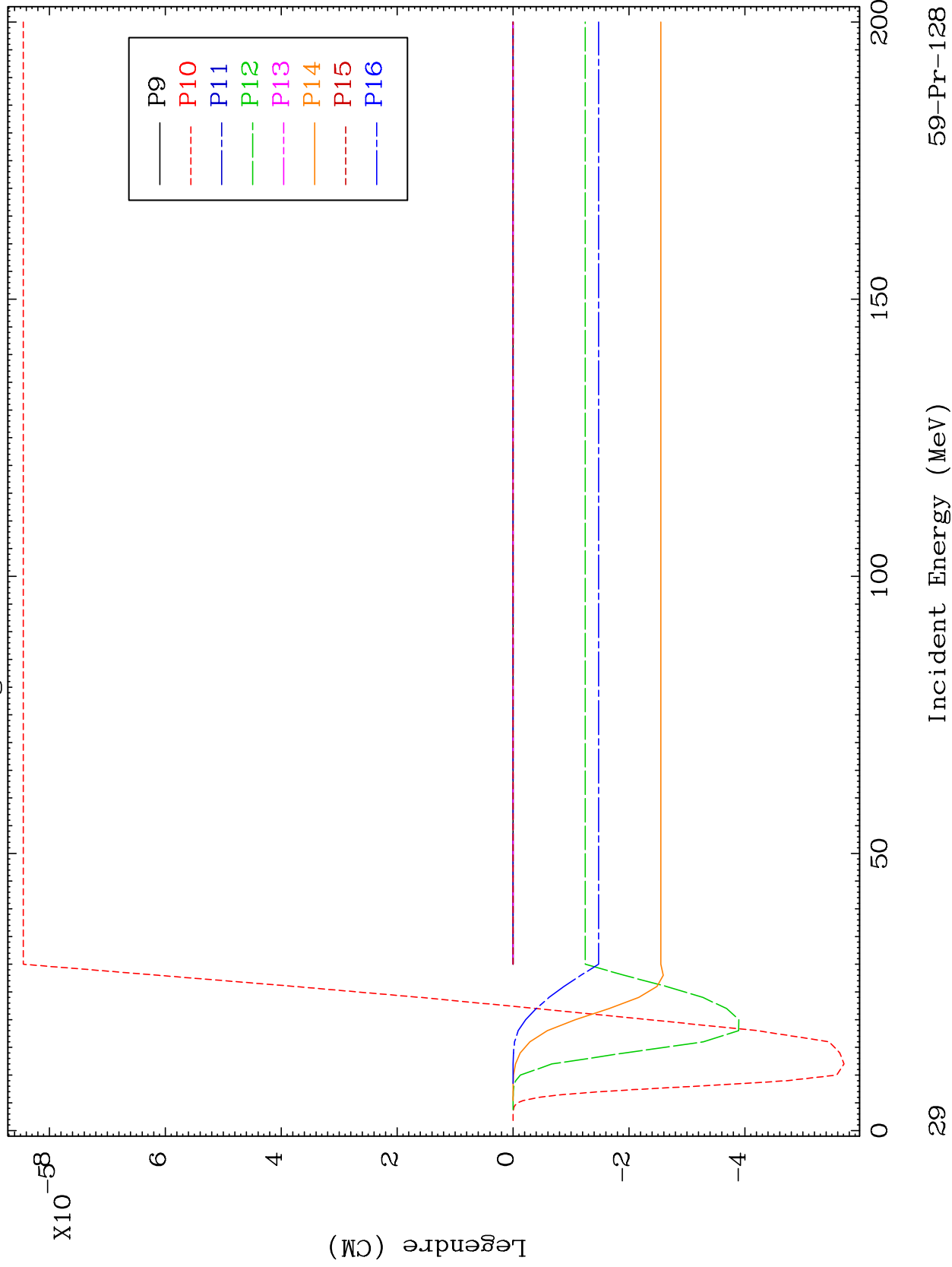
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59-Pr-128

MAT 5886

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

59-Pr-128

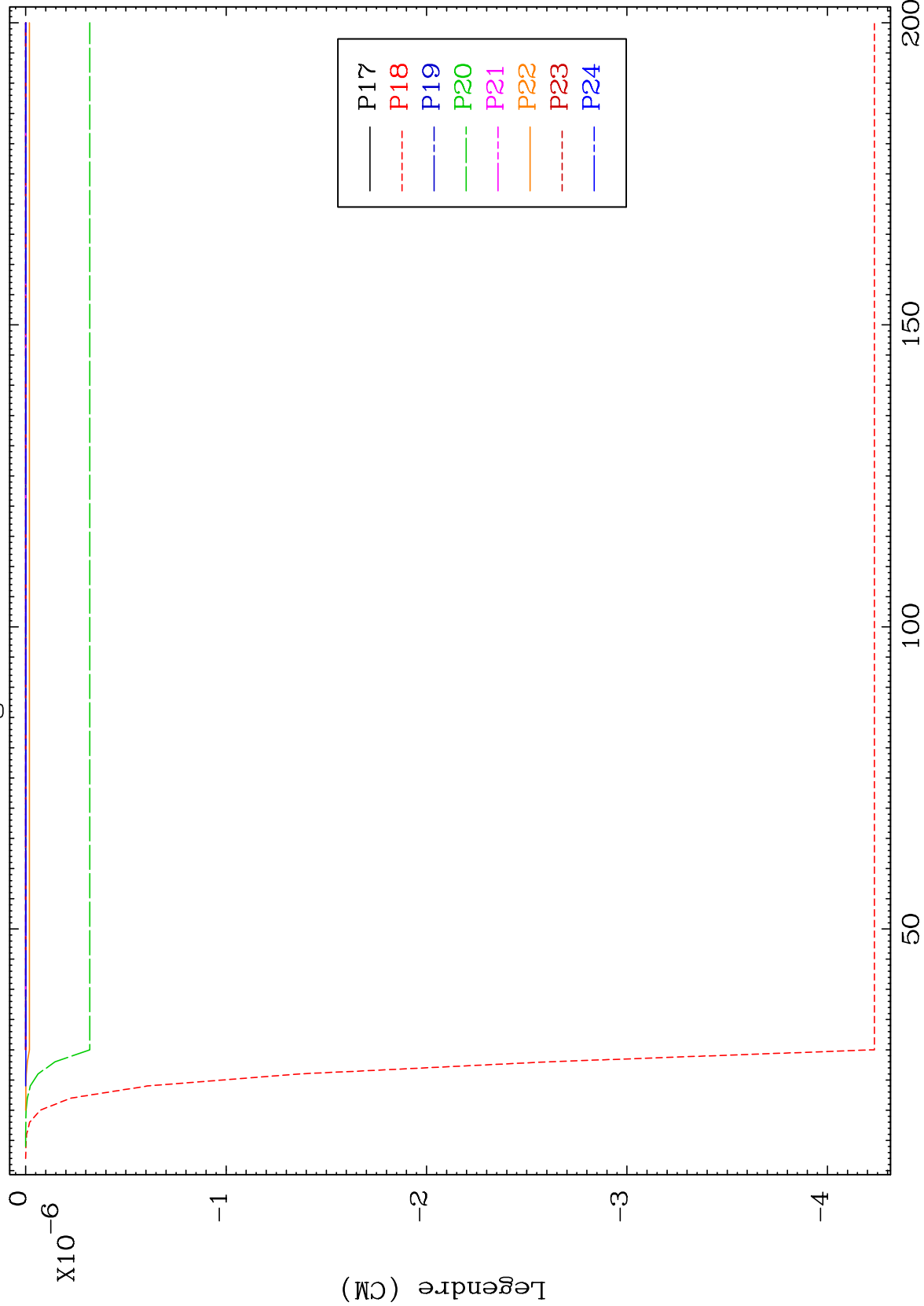


MAT 5886

MT= 53 (n,n') Level

59-Pr-128

Legendre Coefficients



59-Pr-128

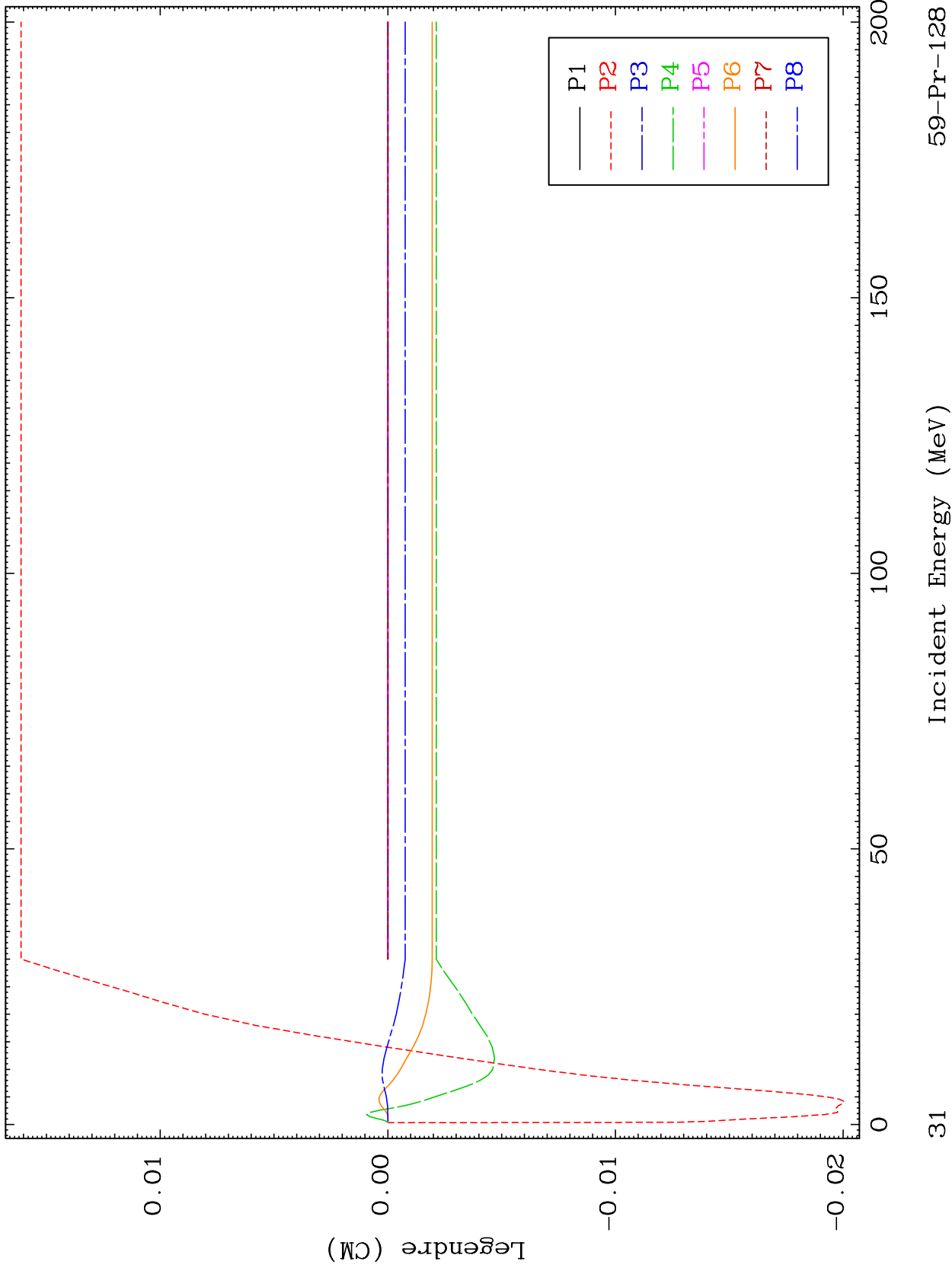
Incident Energy (MeV)

30

MAT 5886

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

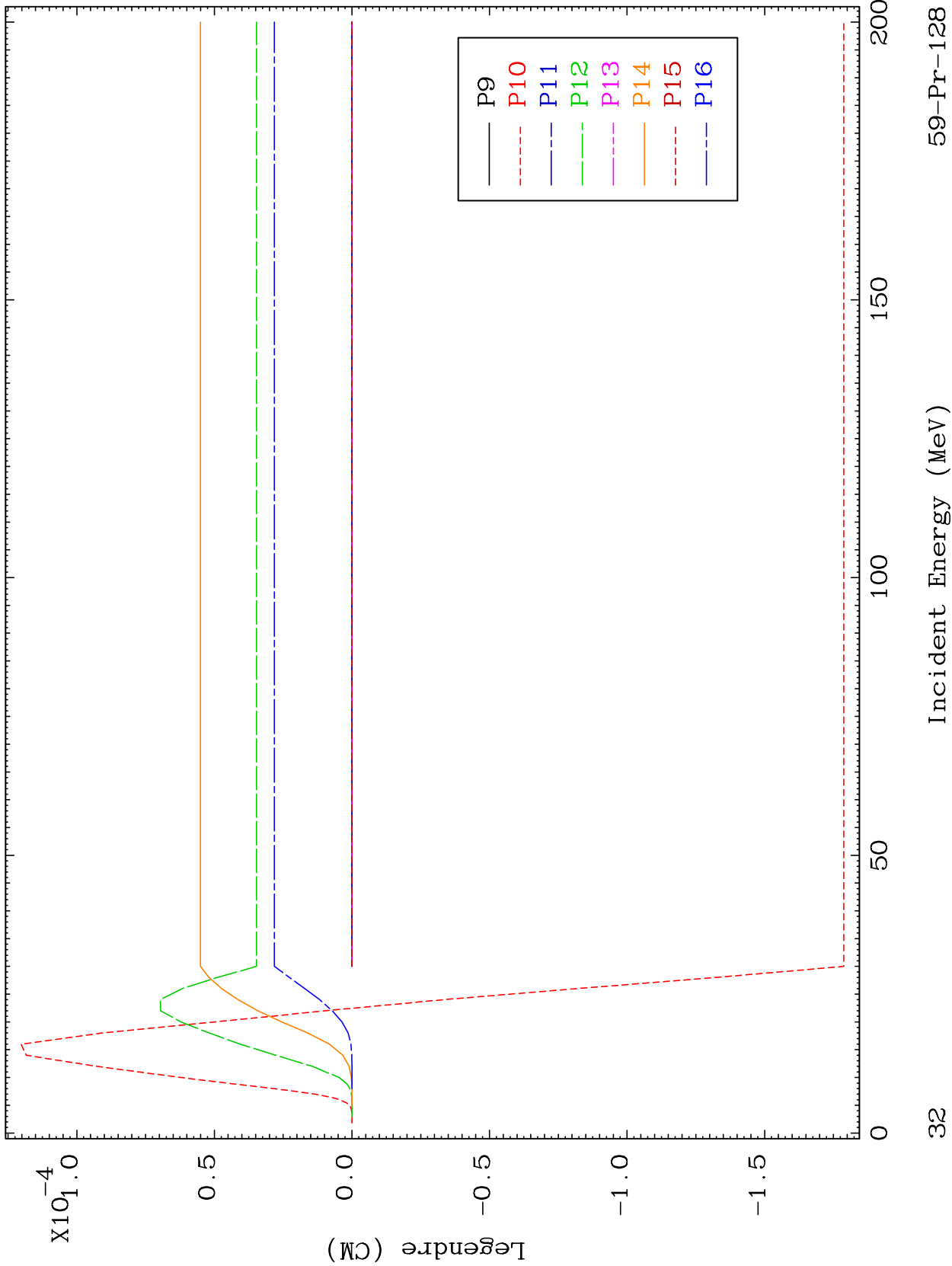
59-Pr-128



31

Incident Energy (MeV)

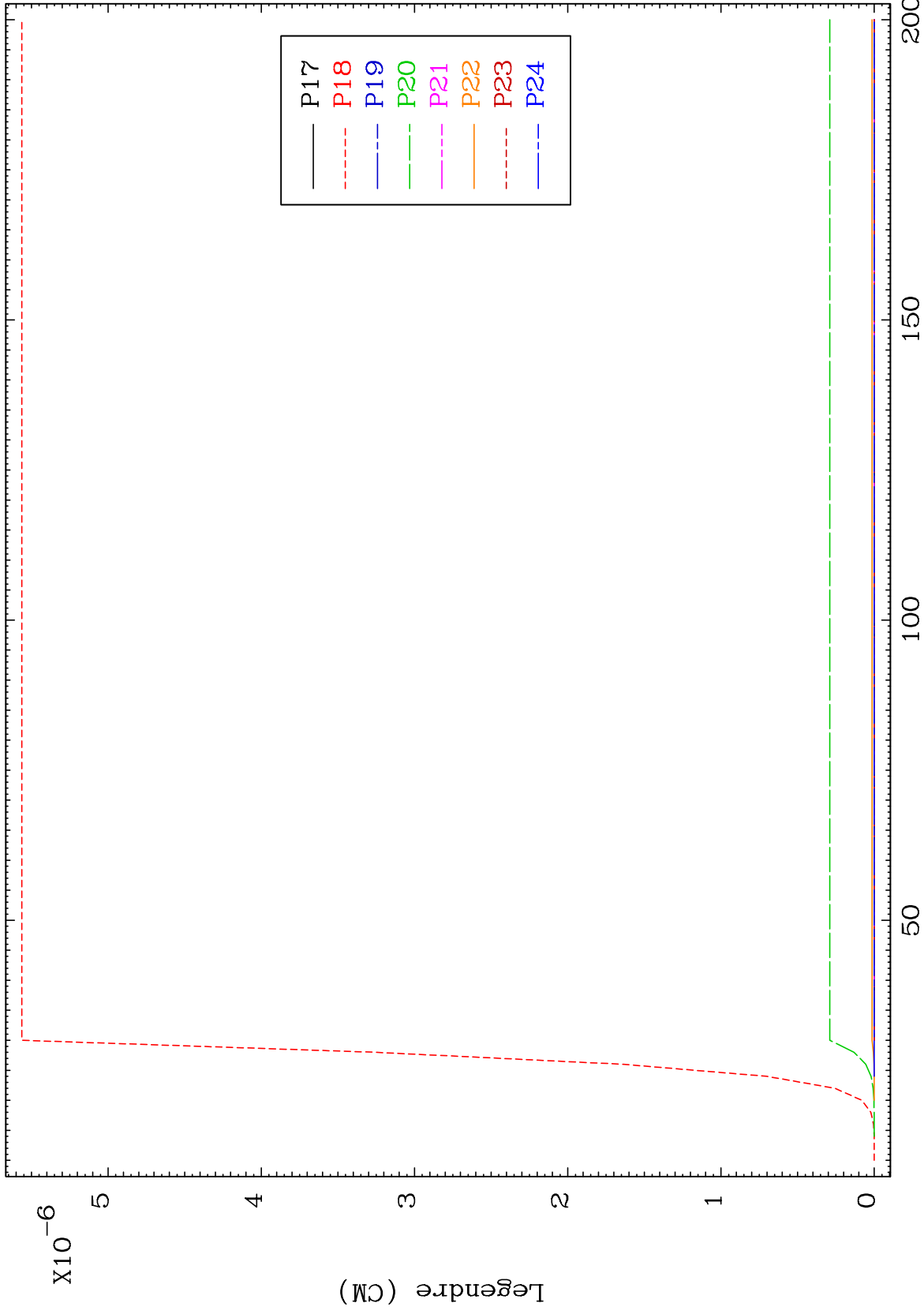
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MAT 5886

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

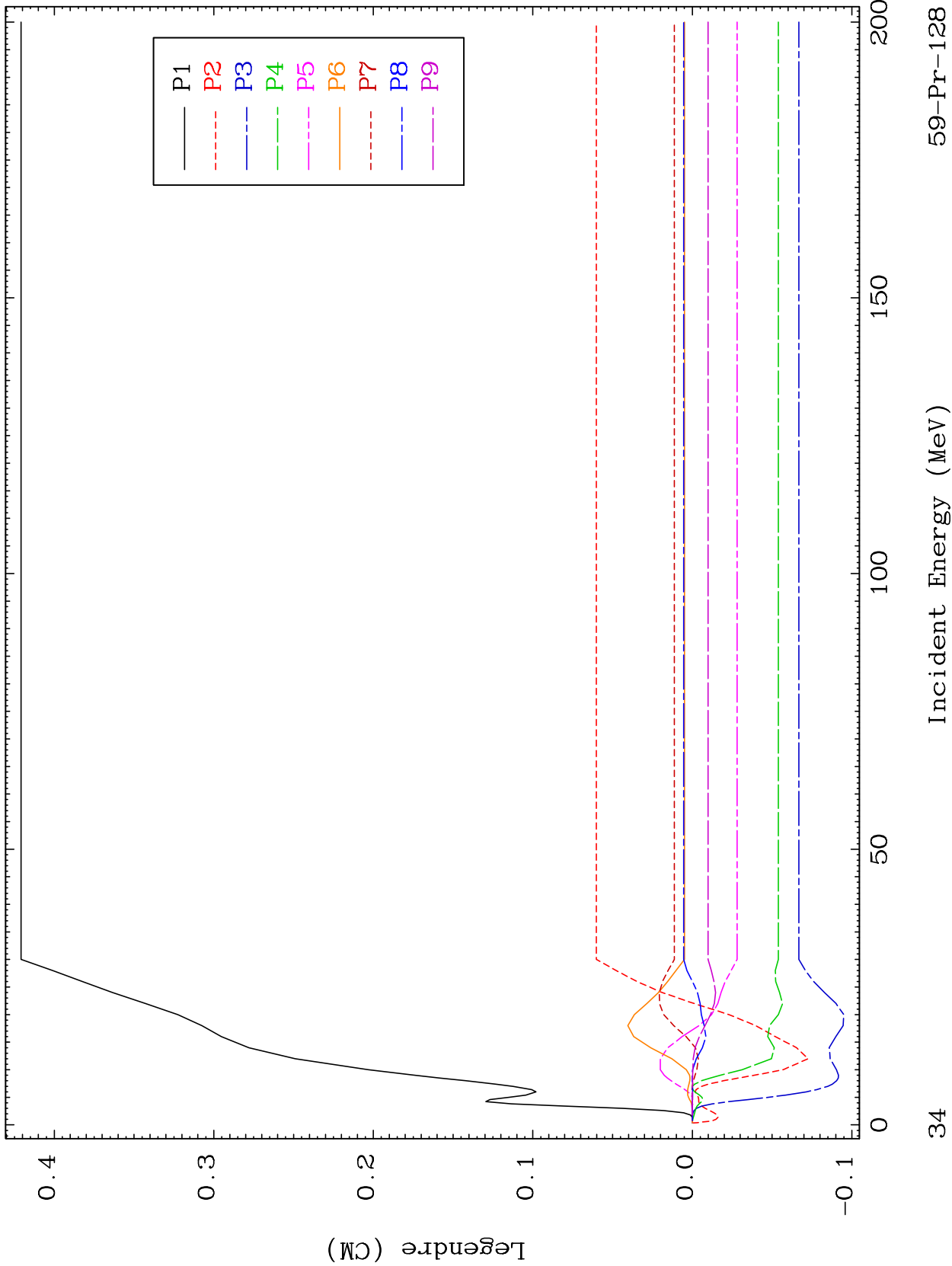
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33

Incident Energy (MeV)

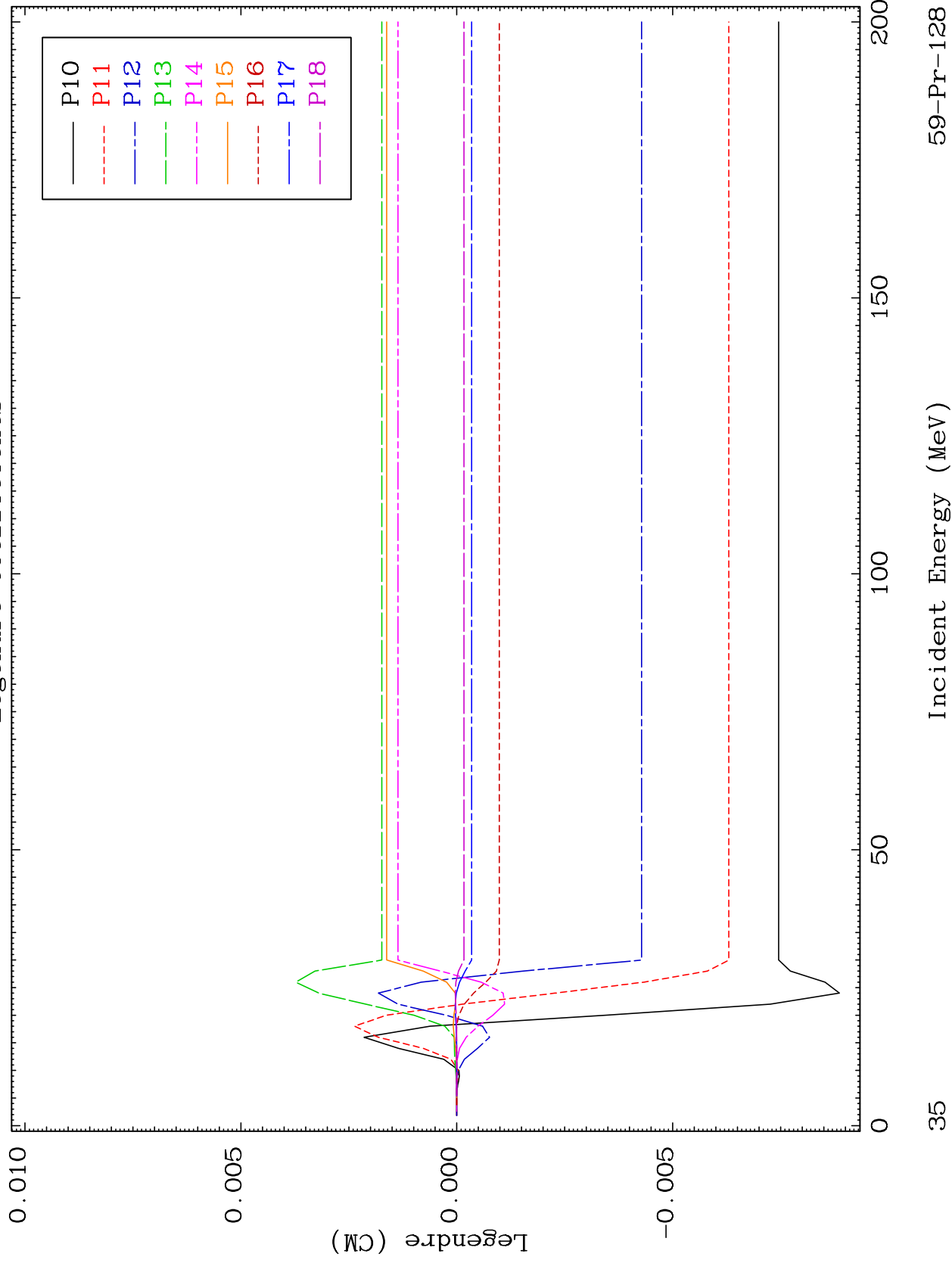
59-Pr-128



MAT 5886

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

59-Pr-128



59-Pr-128

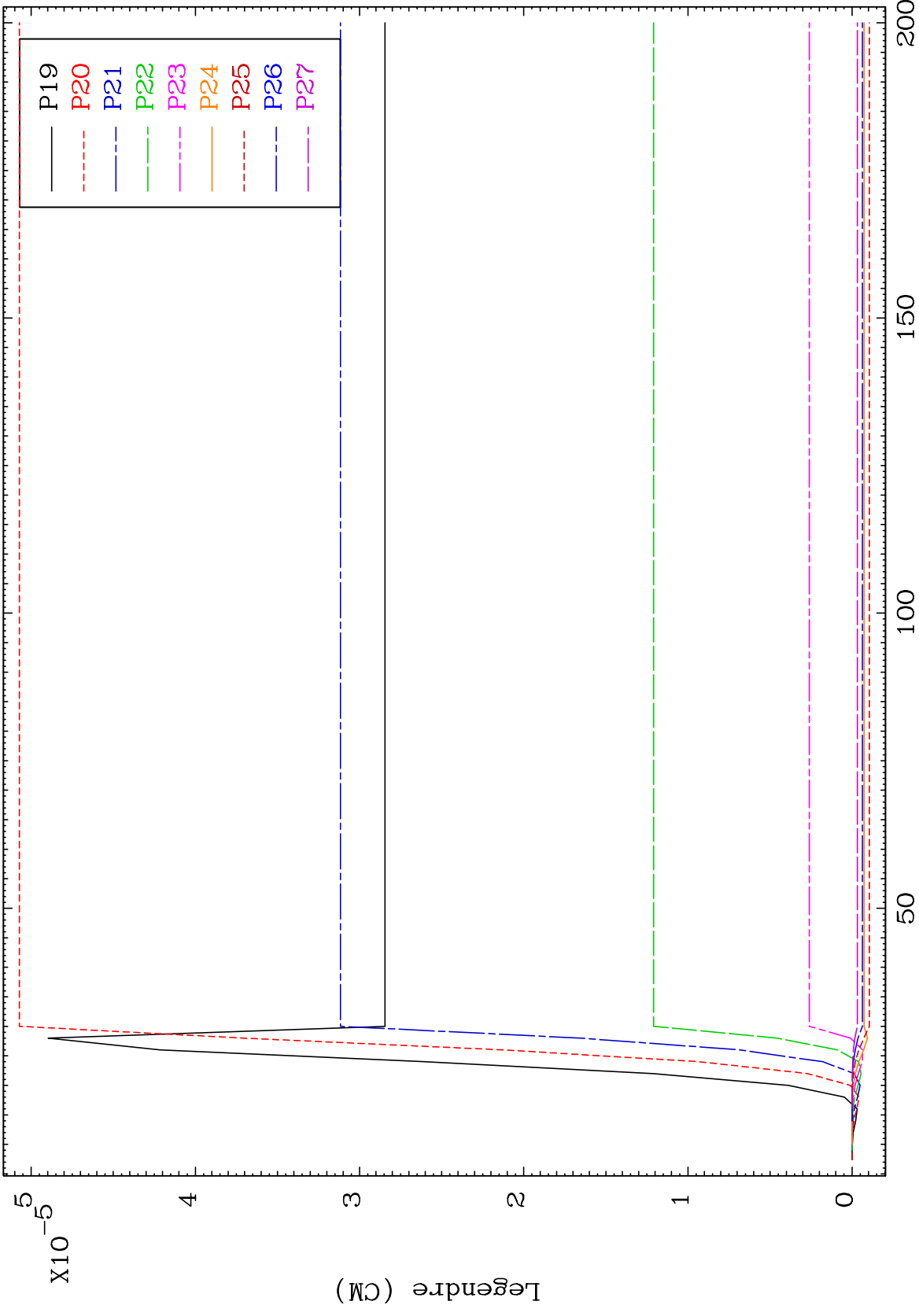
Incident Energy (MeV)

35

MAT 5886

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

59-Pr-128



36

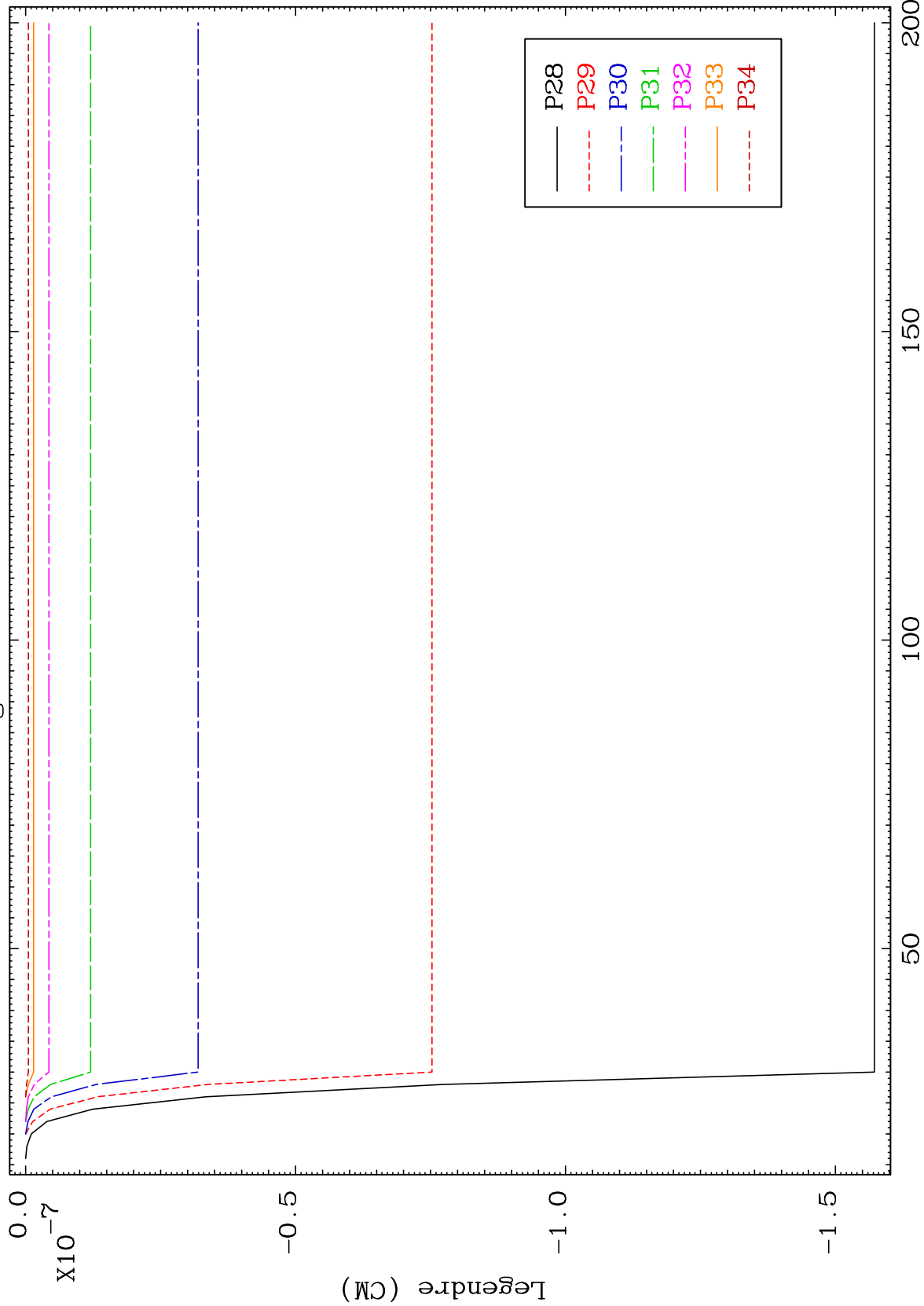
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

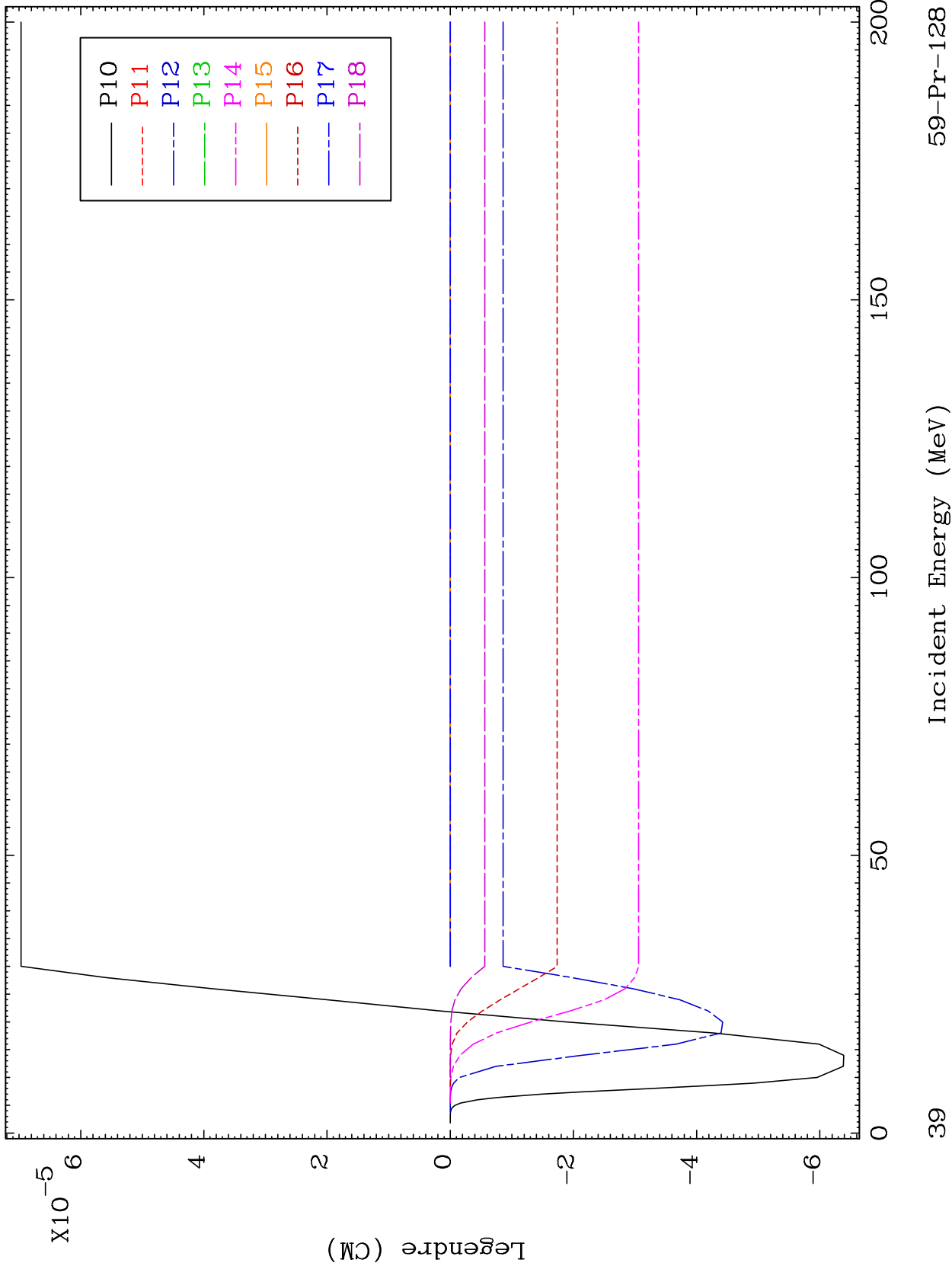
59-Pr-128



MAT 5886

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

59-Pr-128



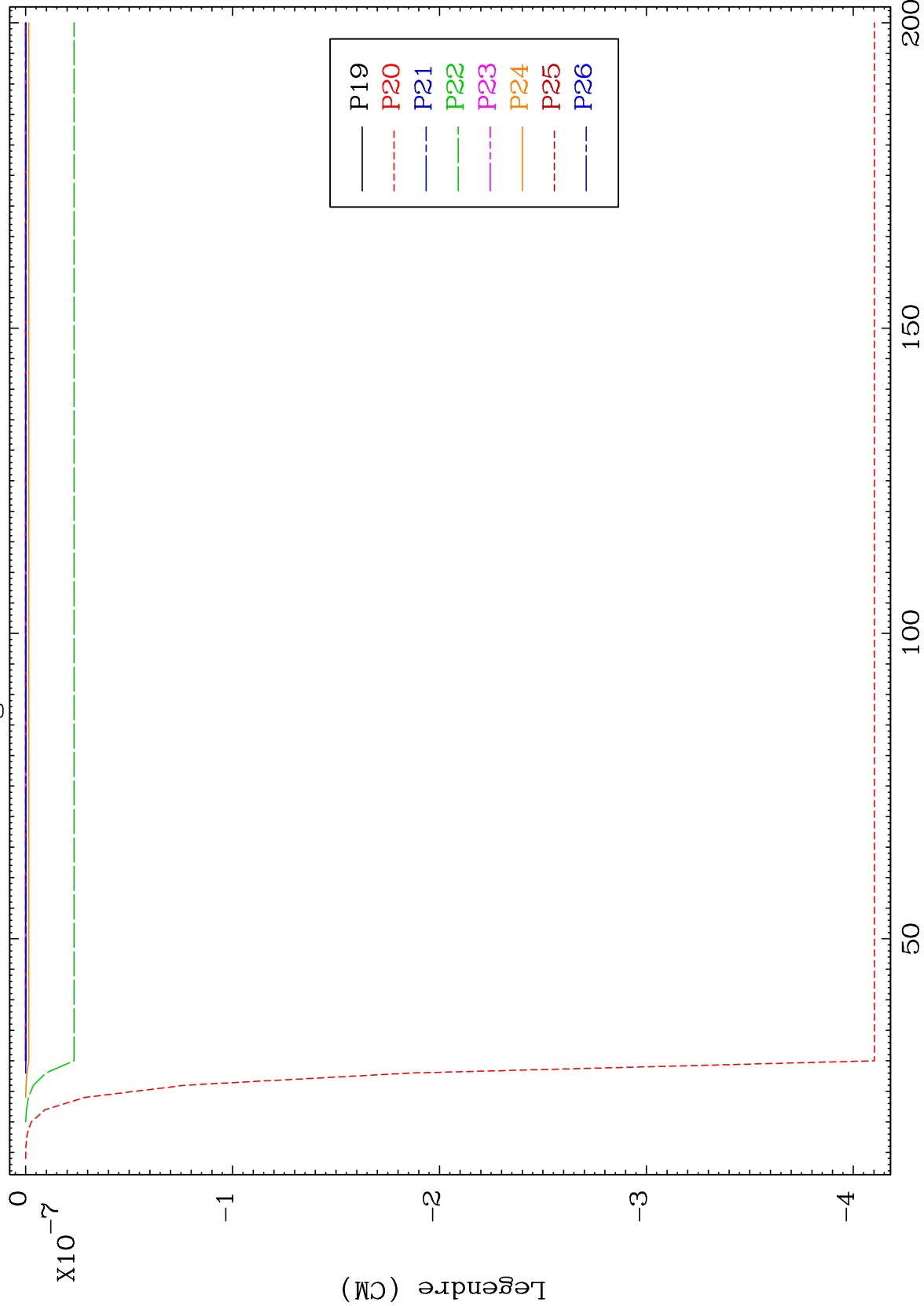
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59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

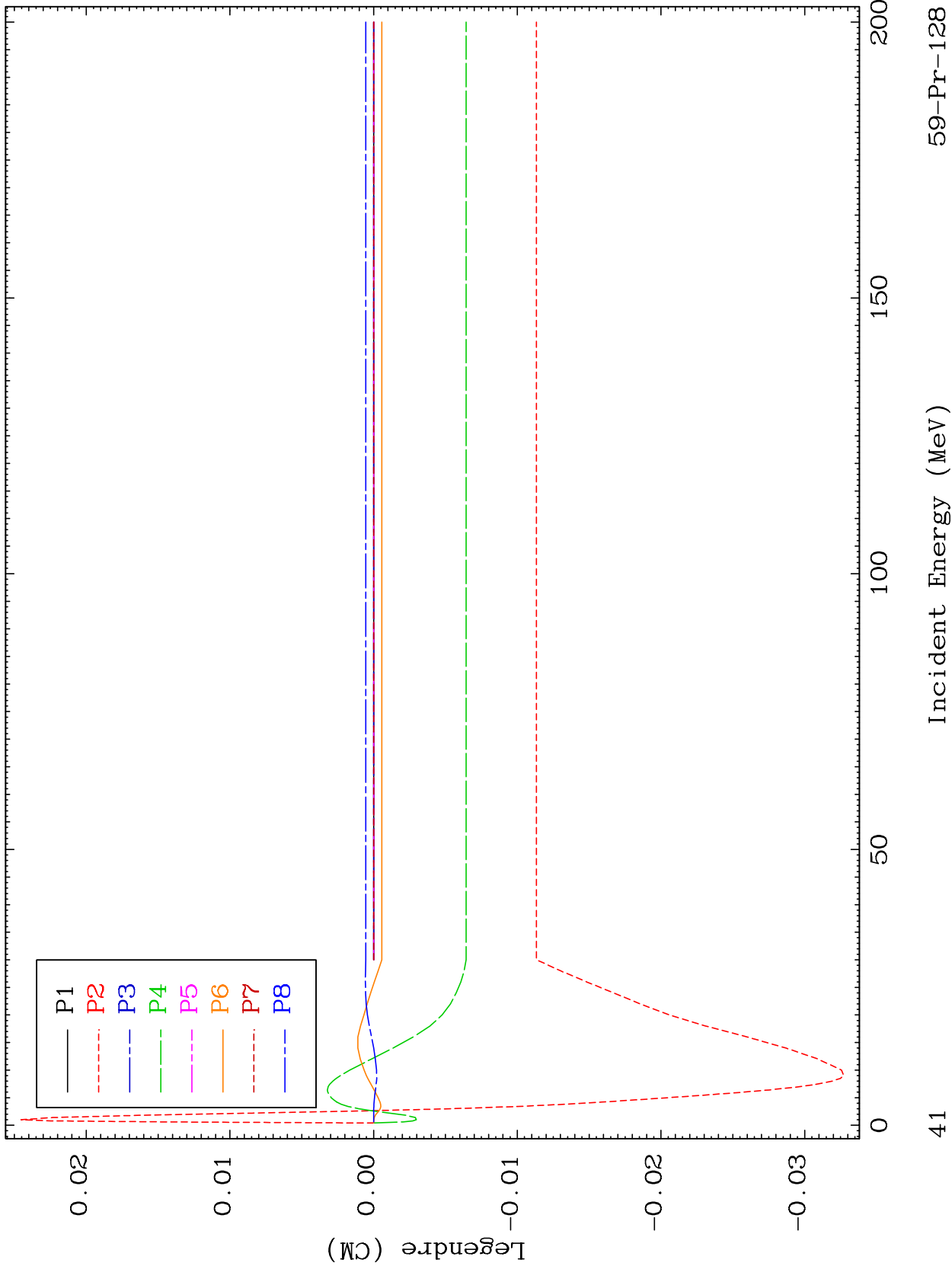
Incident Energy (MeV)

40

MAT 5886

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

59-Pr-128



41

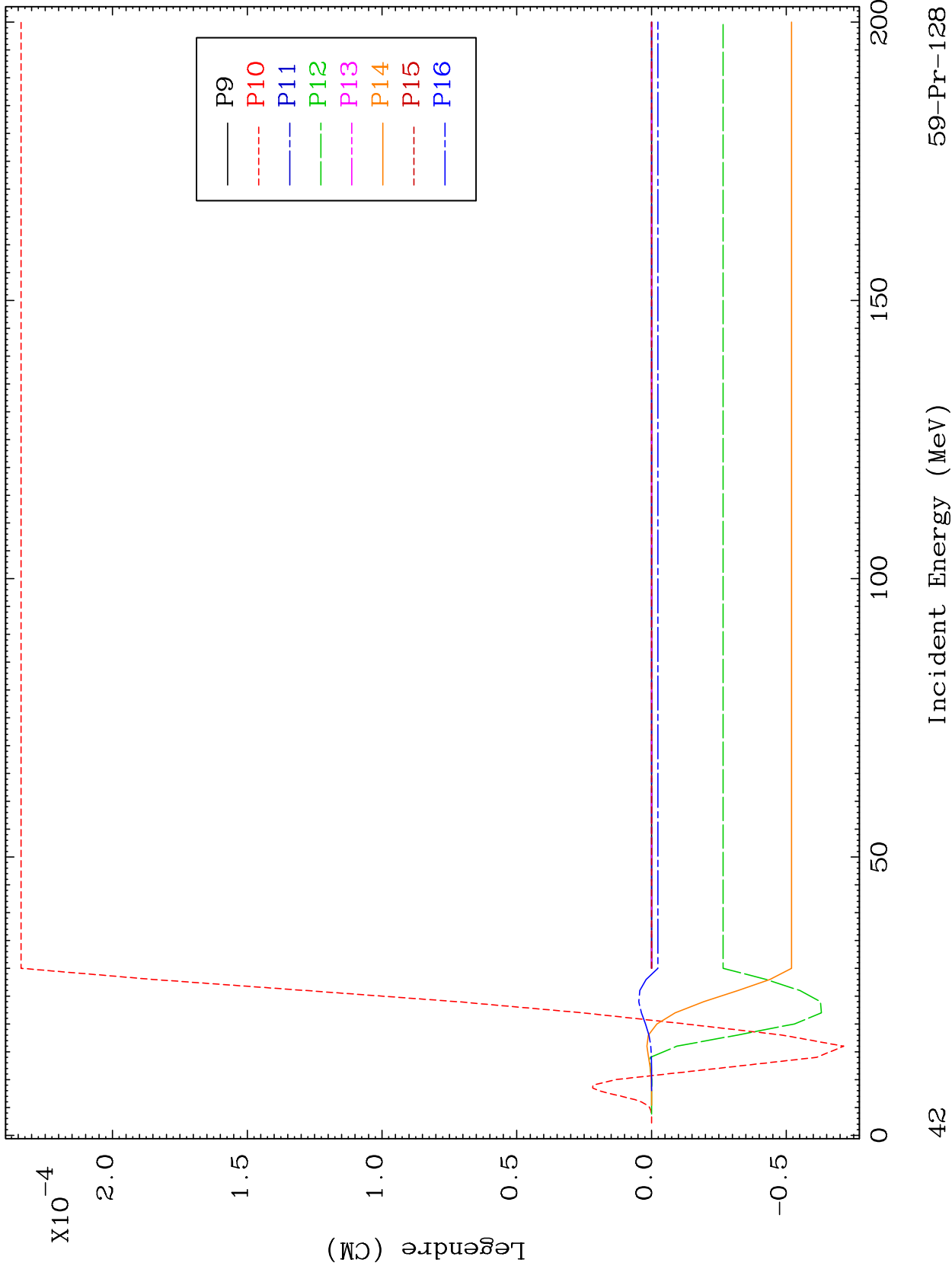
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

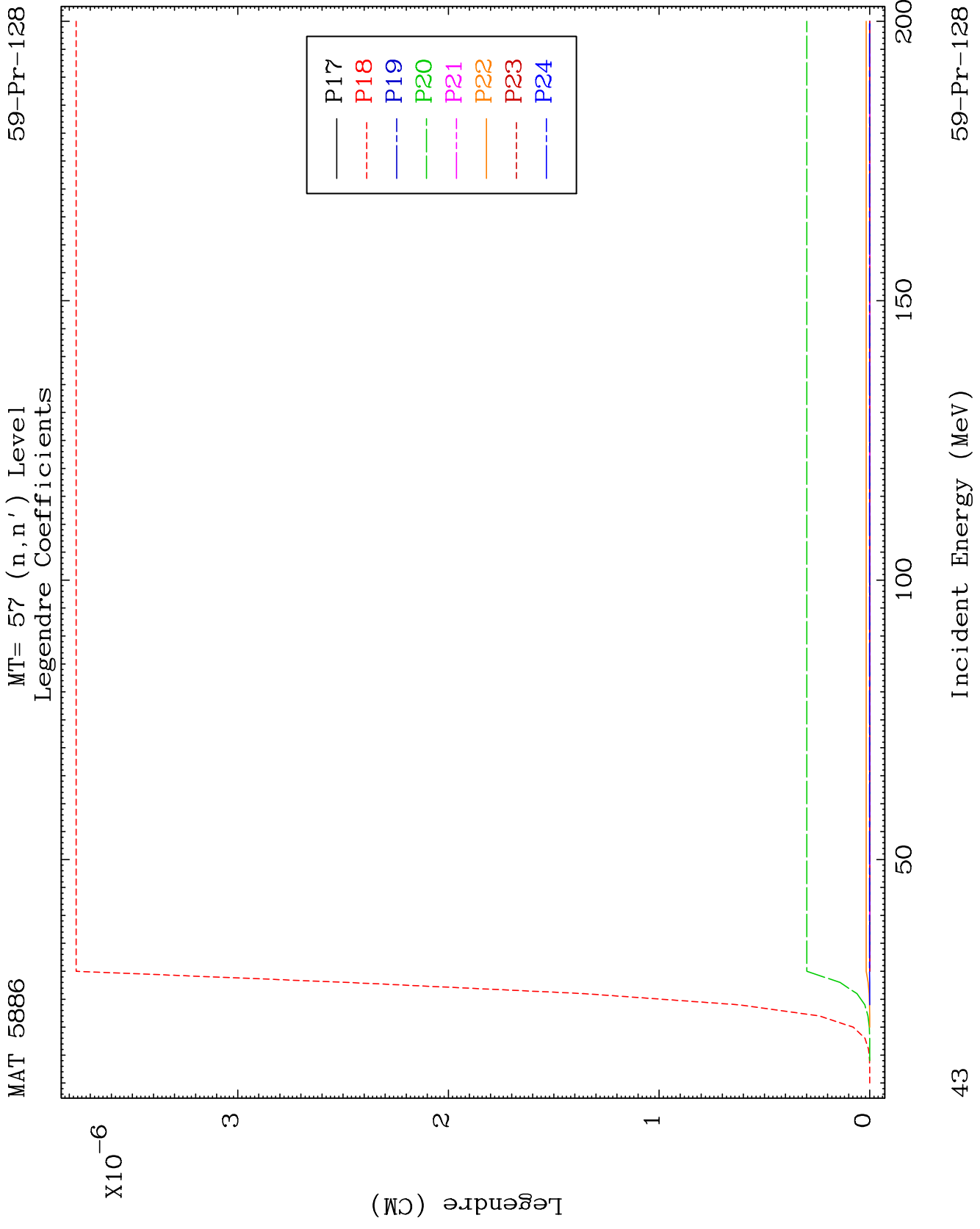
59-Pr-128



59-Pr-128

Incident Energy (MeV)

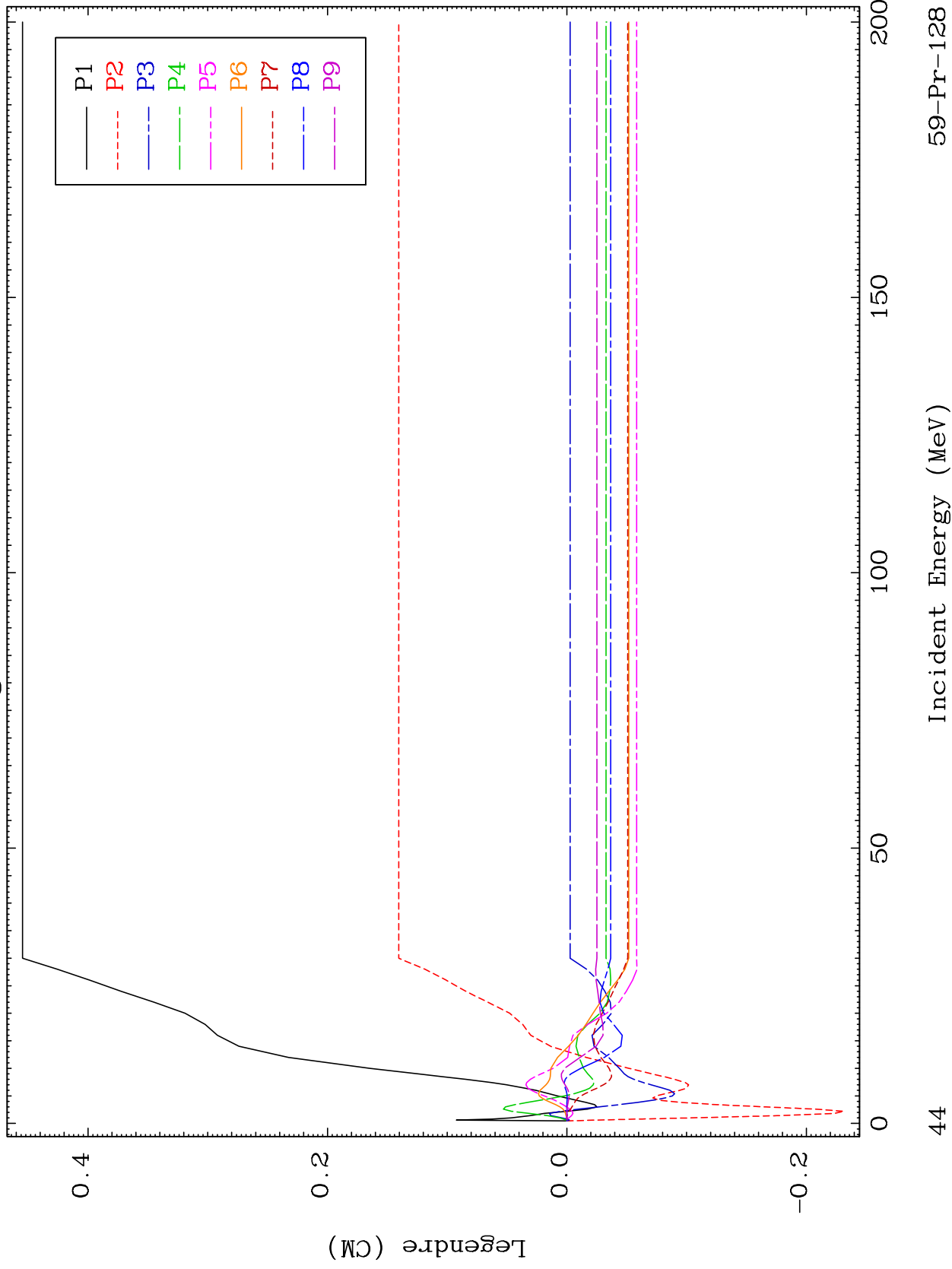
42



MAT 5886

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

59-Pr-128



59-Pr-128

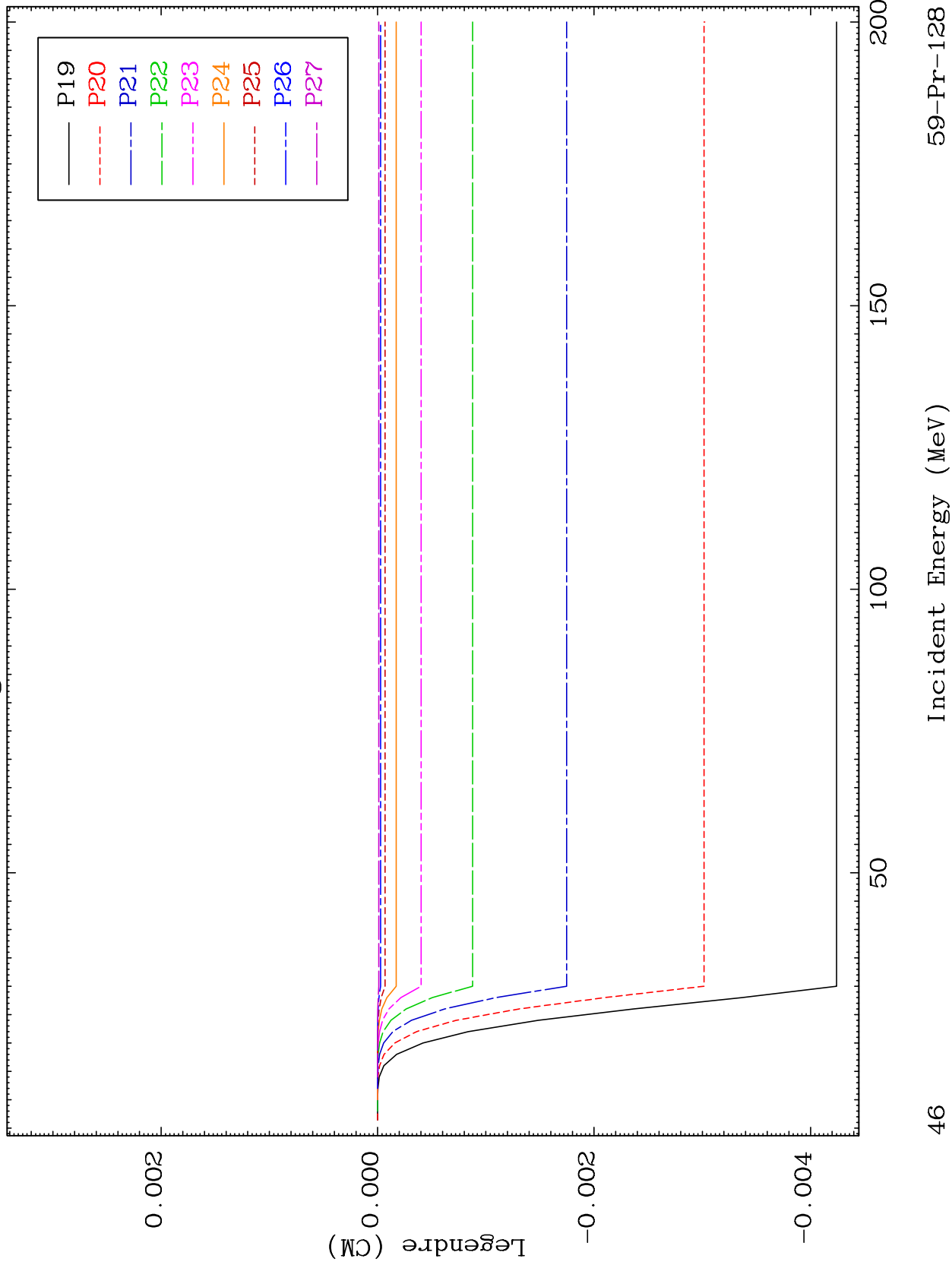
Incident Energy (MeV)

44

MAT 5886

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

59-Pr-128



46

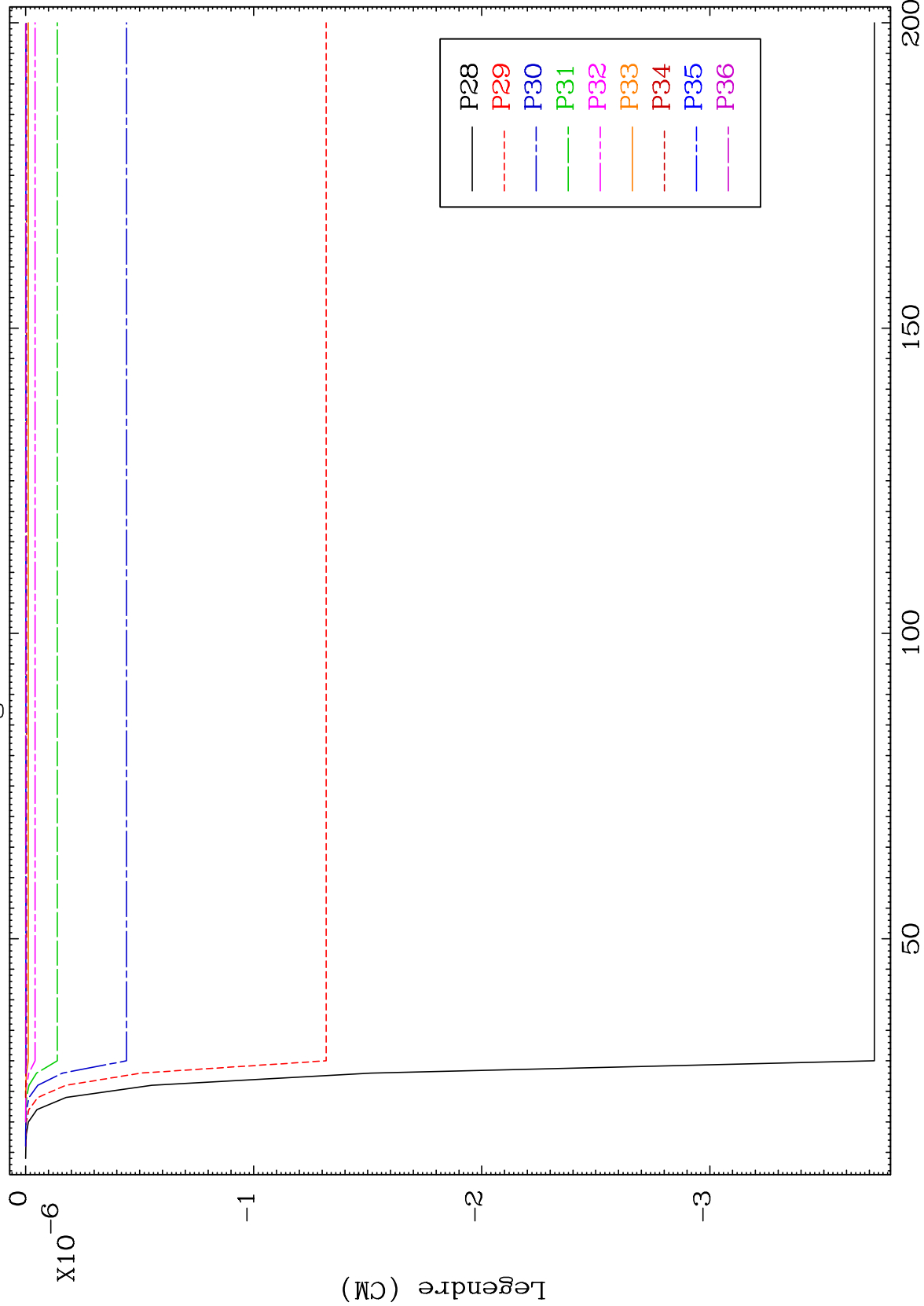
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



47

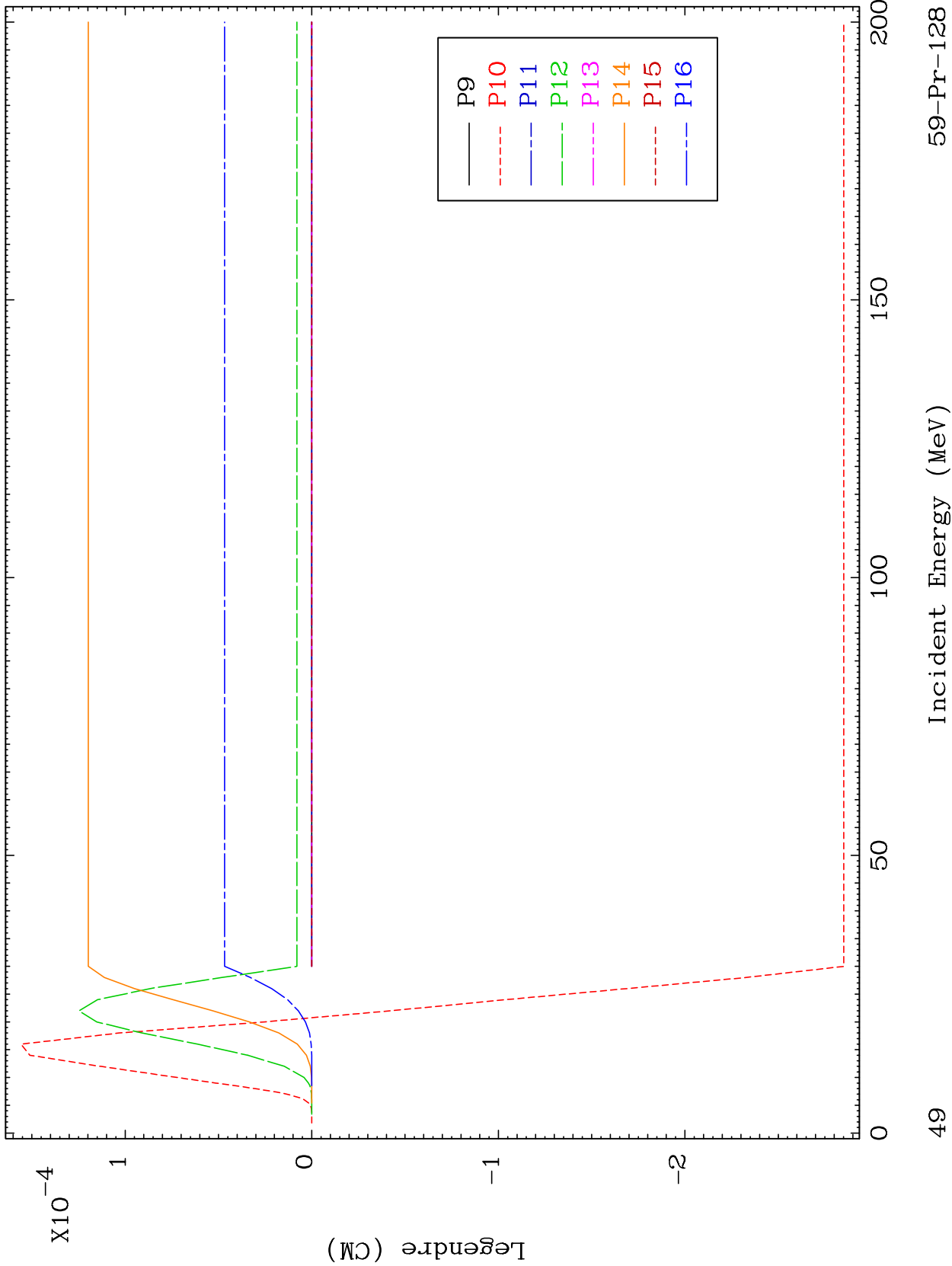
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

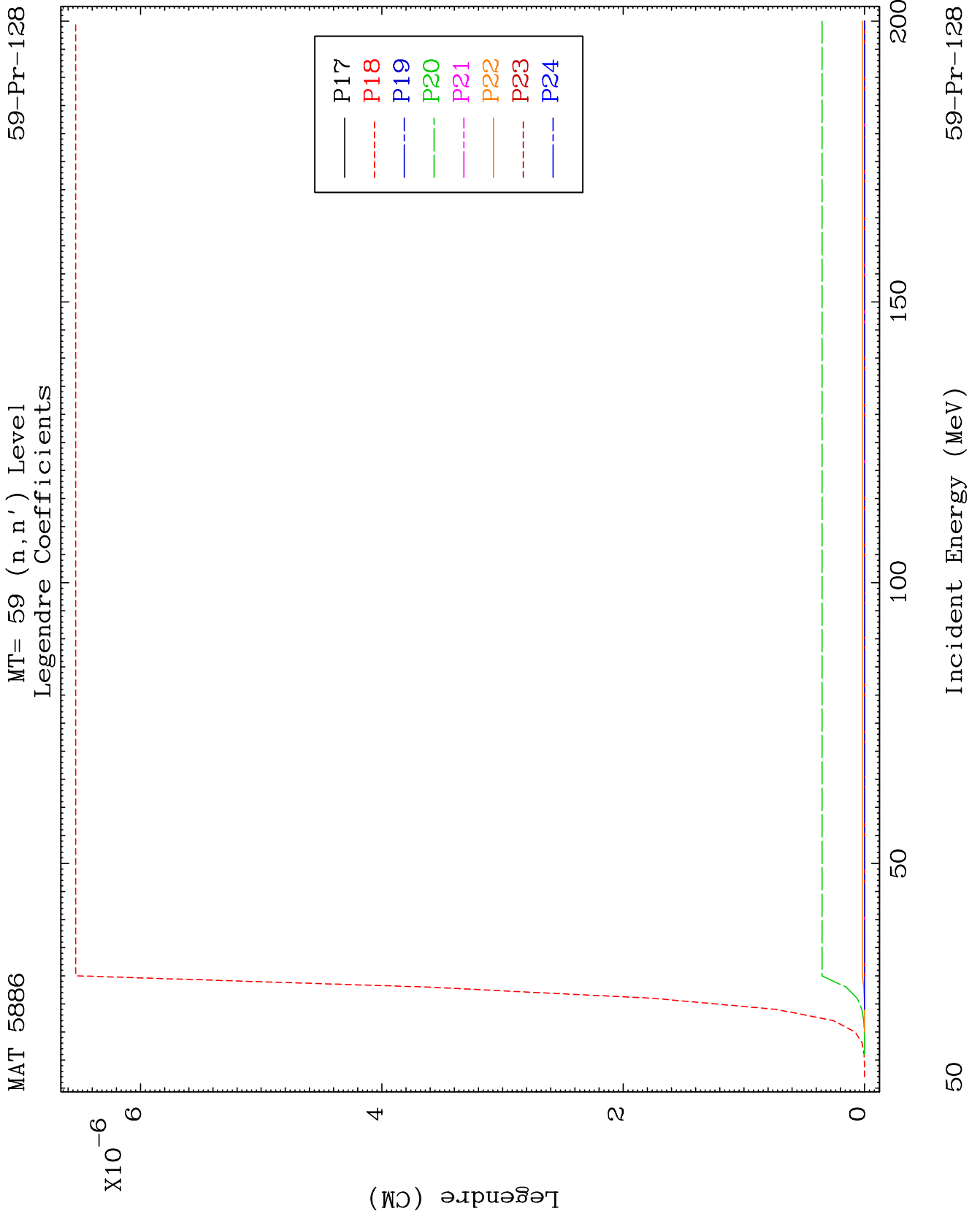
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59-Pr-128

Incident Energy (MeV)

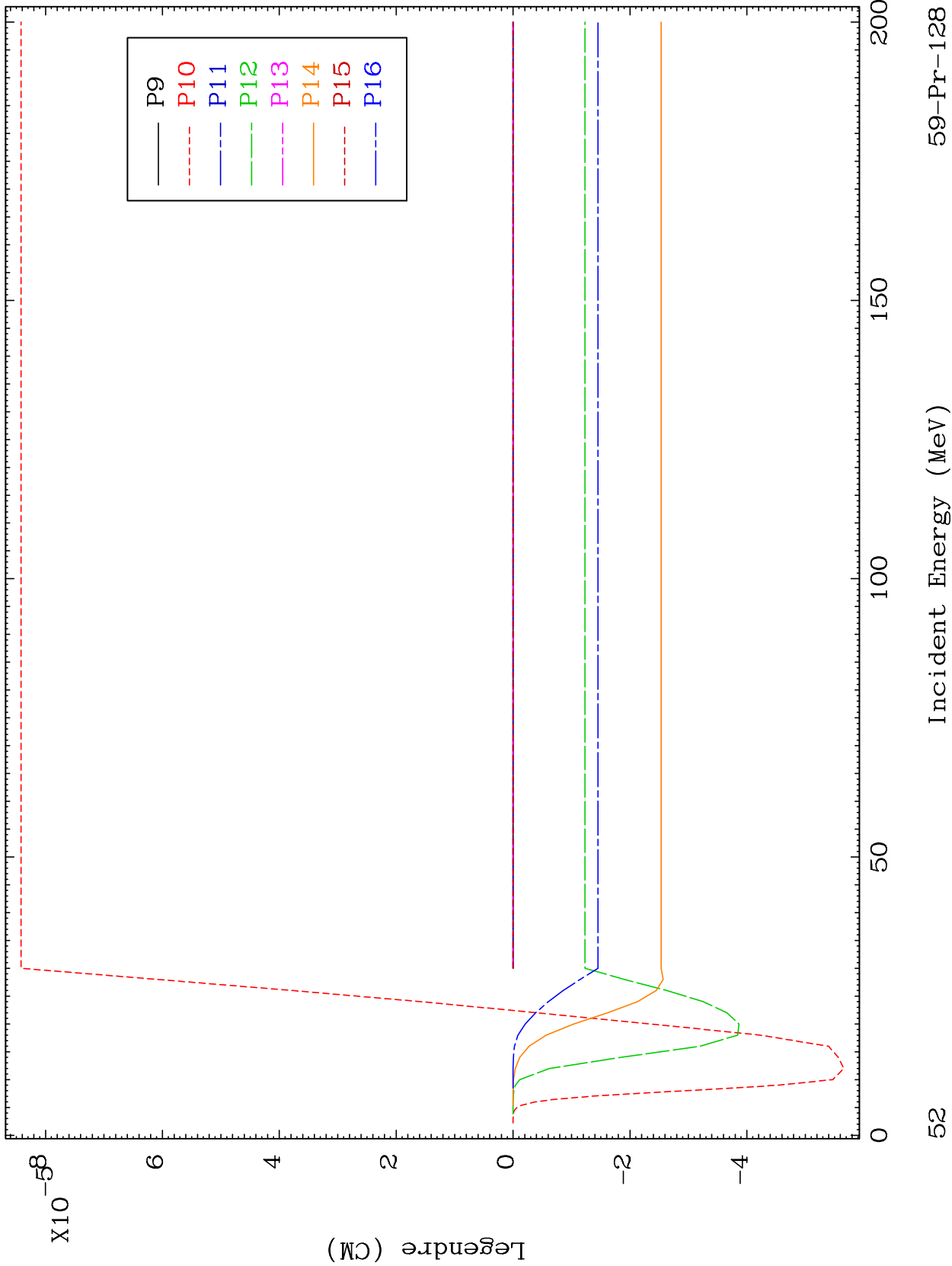
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MAT 5886

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

59-Pr-128



59-Pr-128

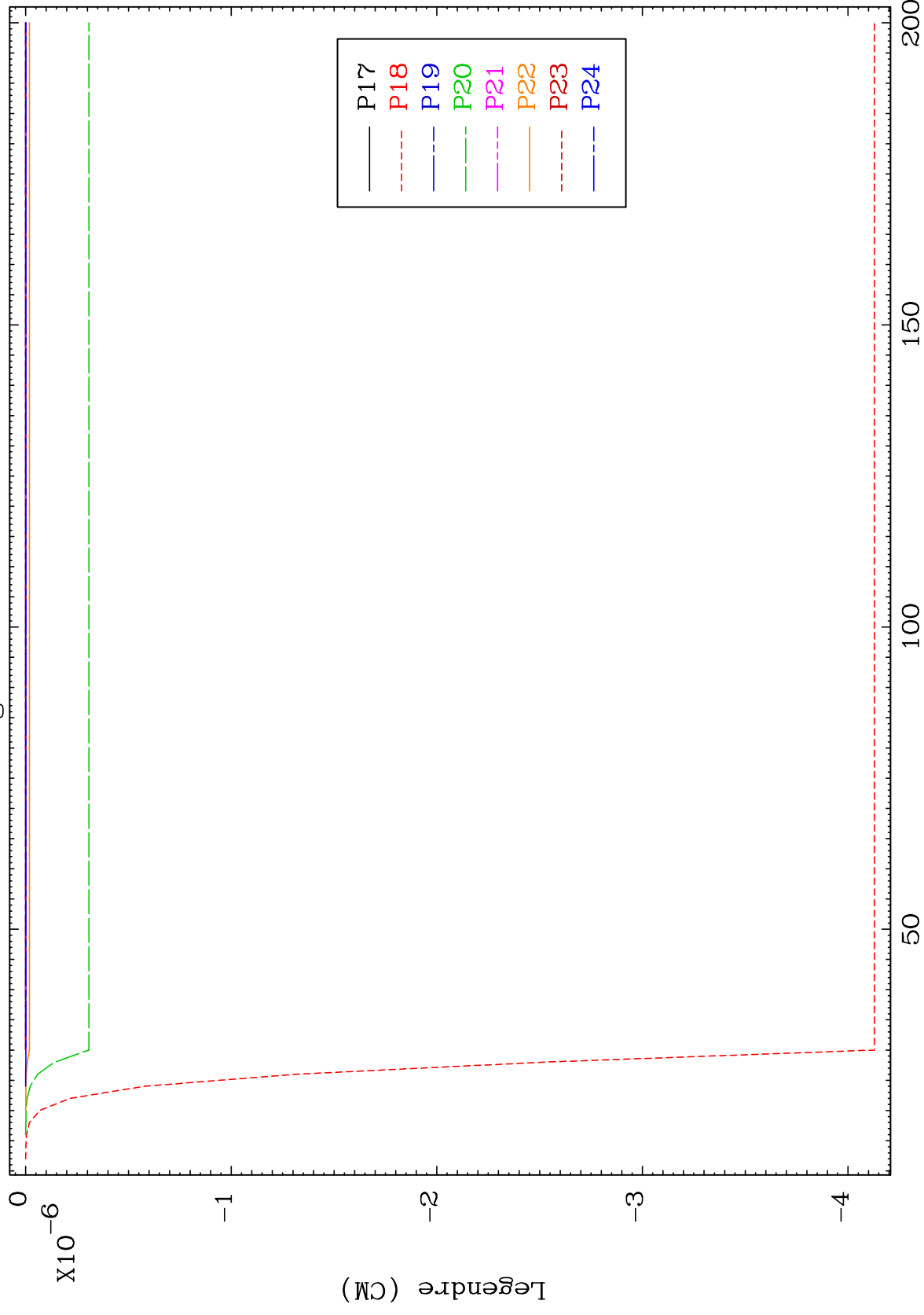
Incident Energy (MeV)

52

MAT 5886

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

59-Pr-128



53

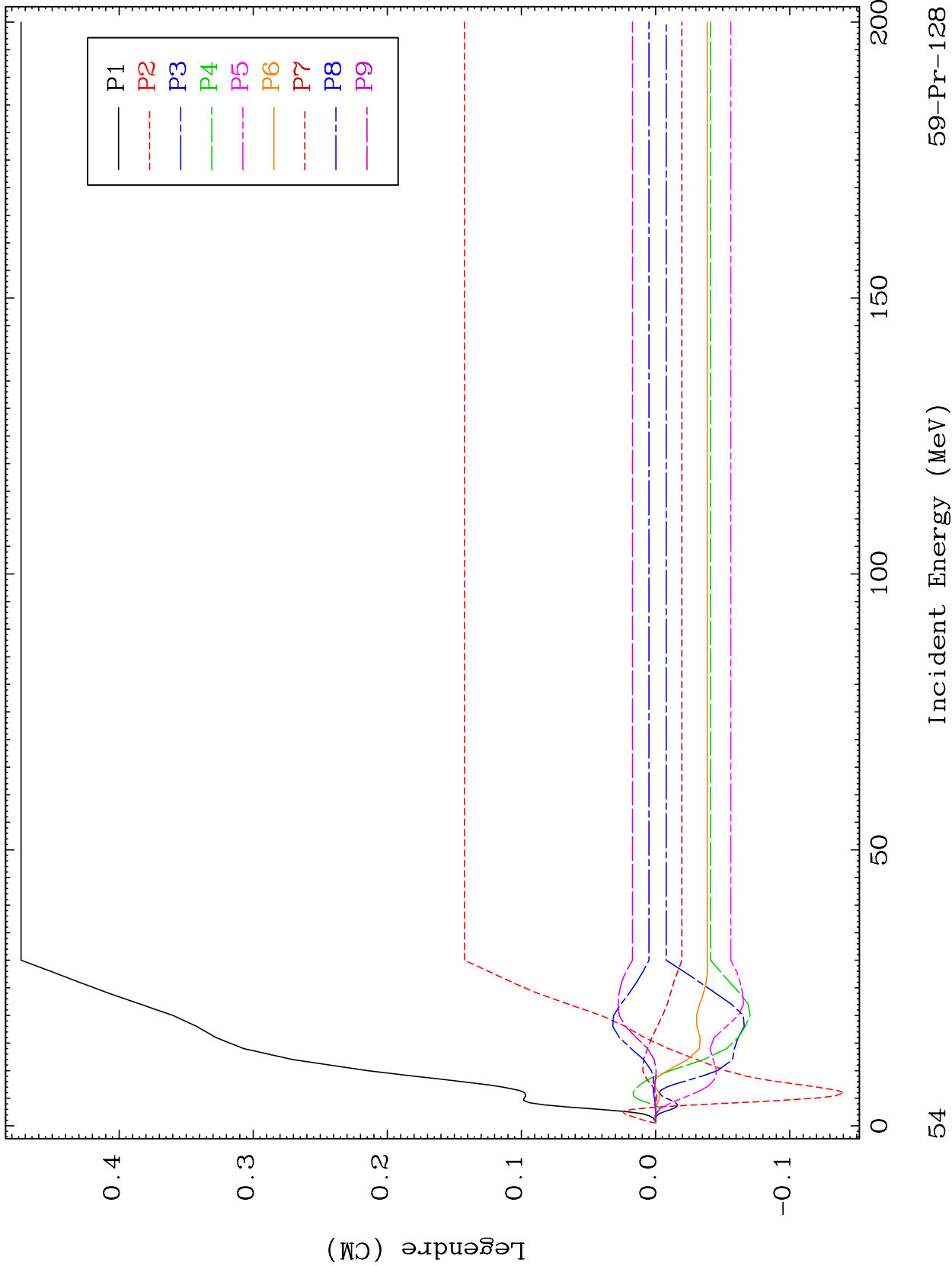
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



54

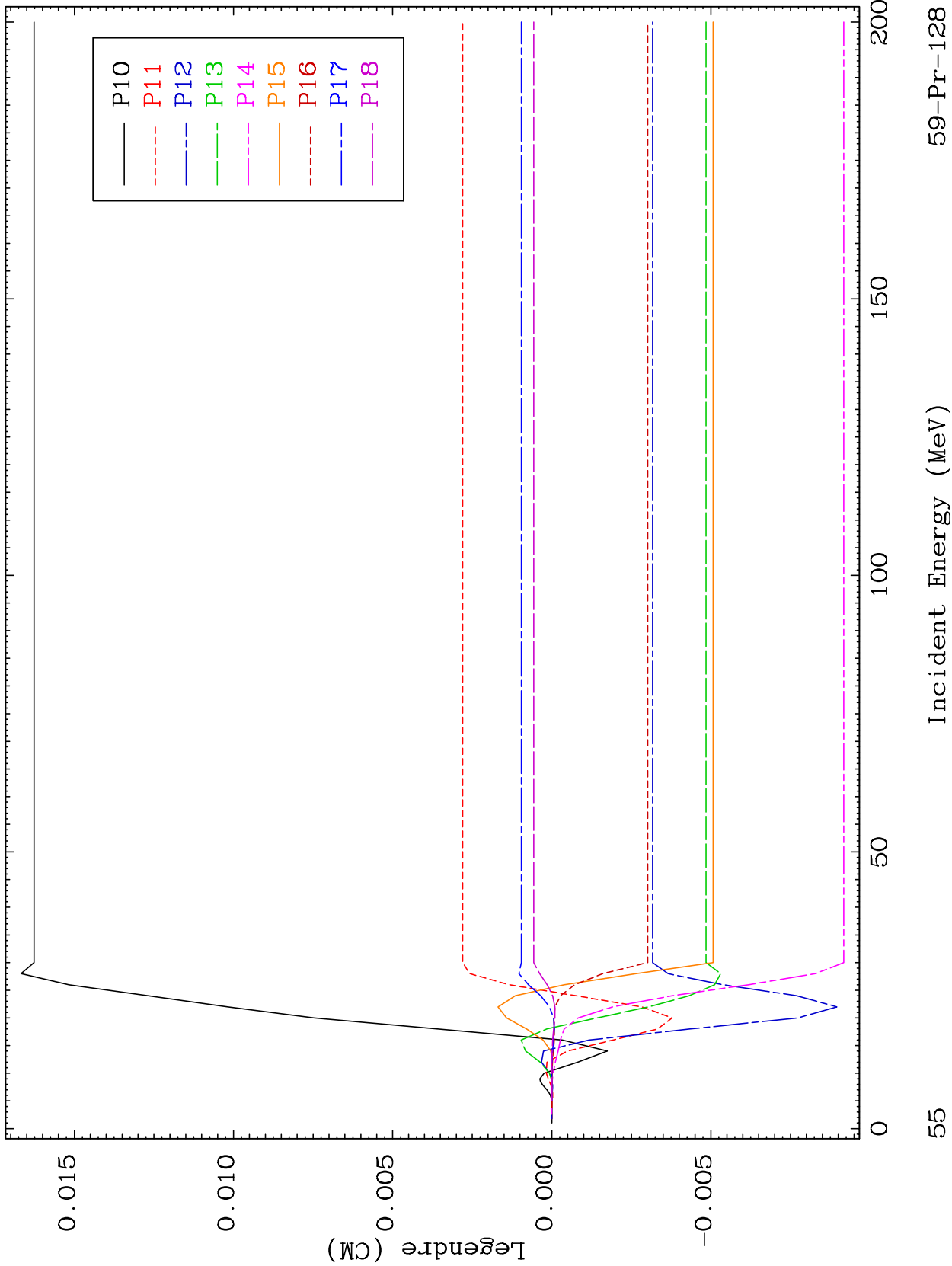
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

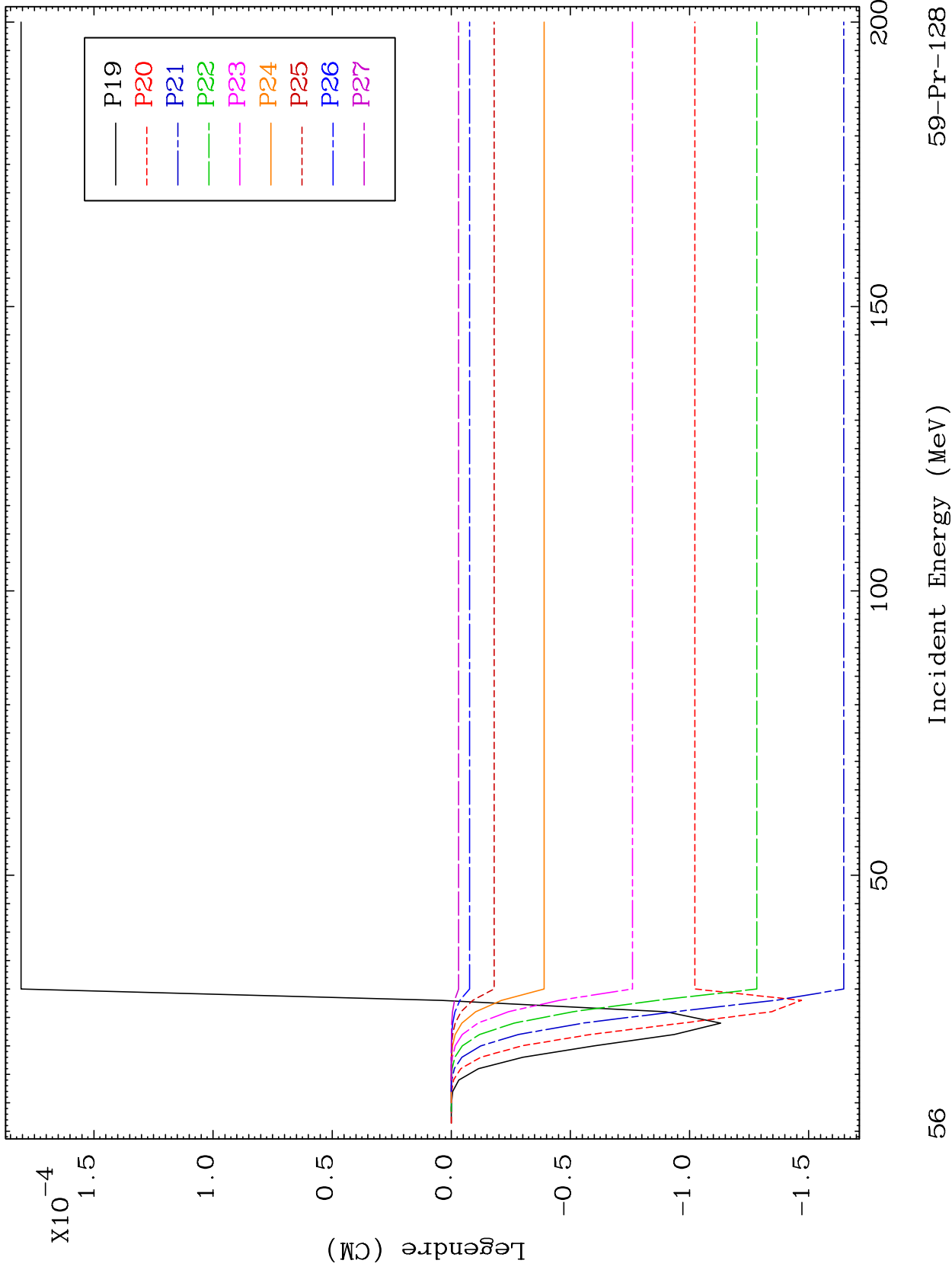
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59-Pr-128

Incident Energy (MeV)

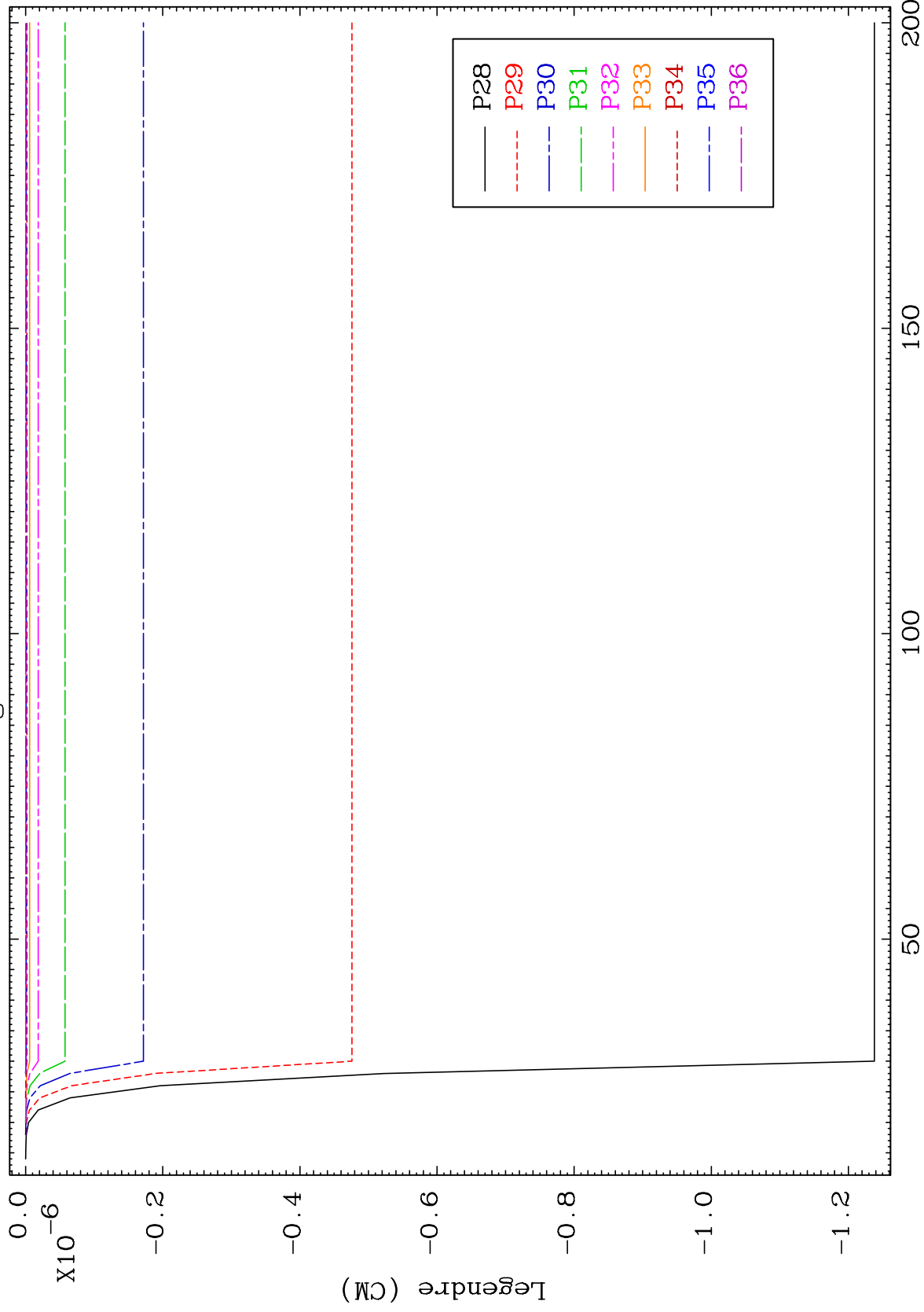
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MAT 5886

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

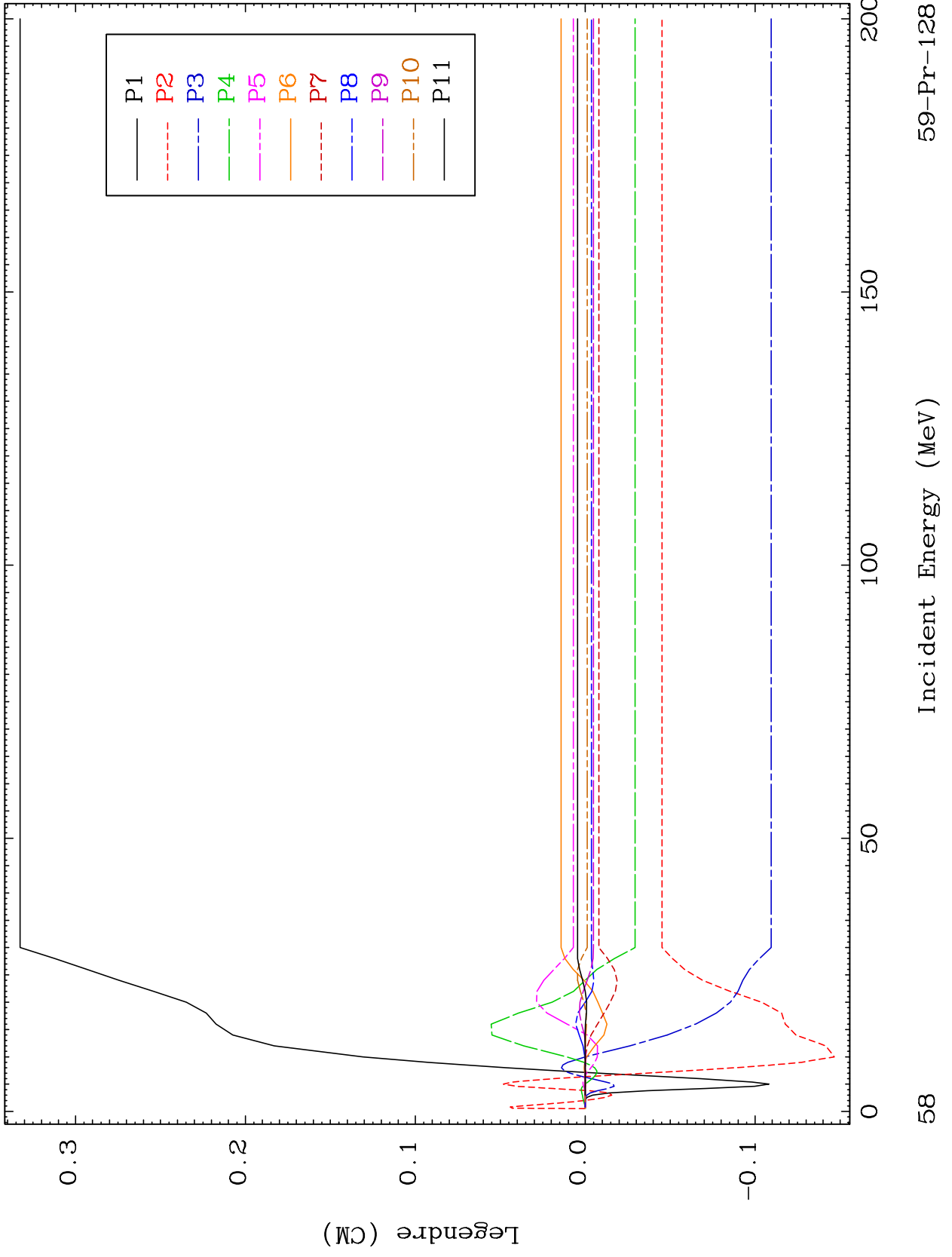
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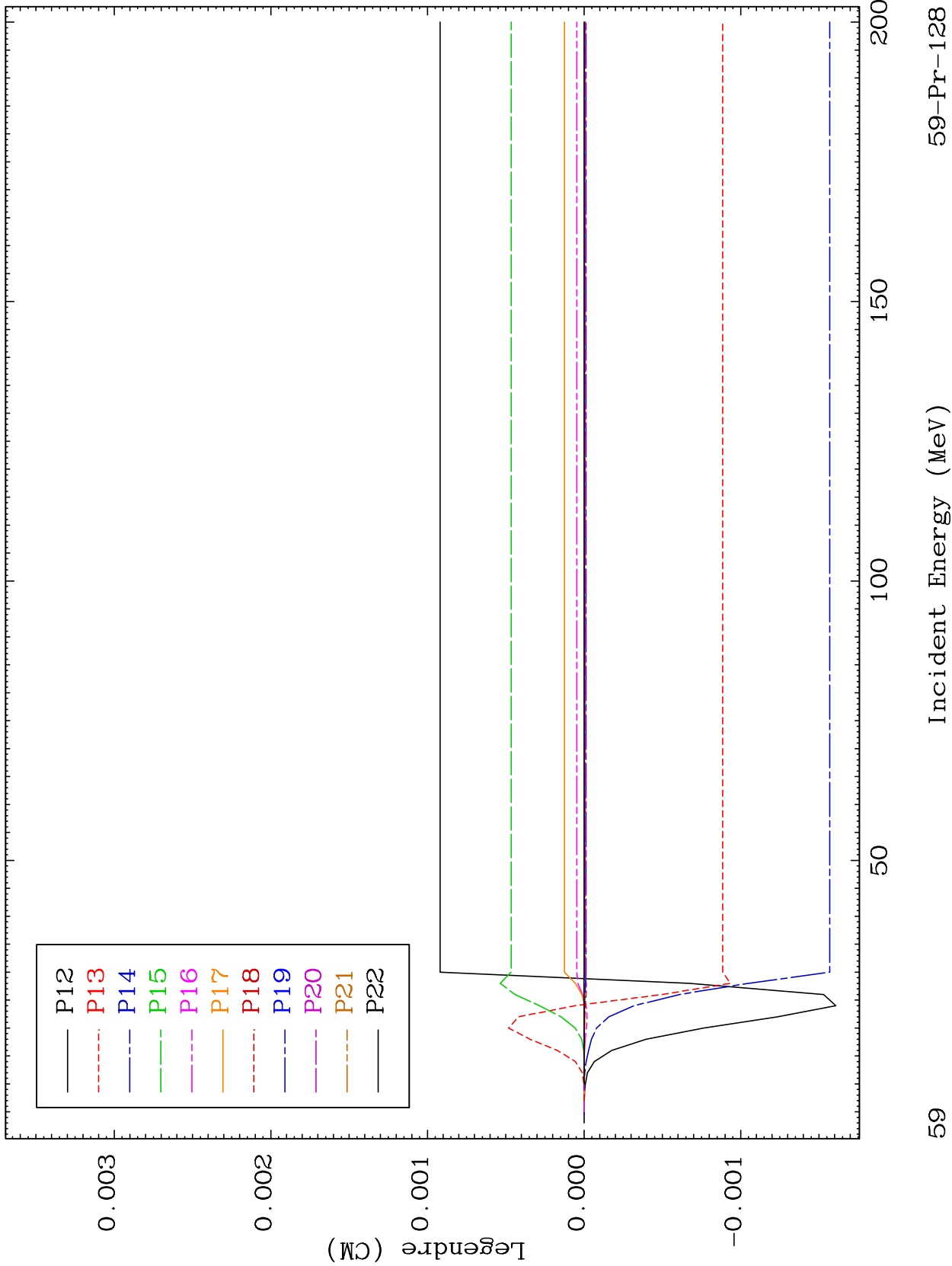


57

Incident Energy (MeV)

59-Pr-128

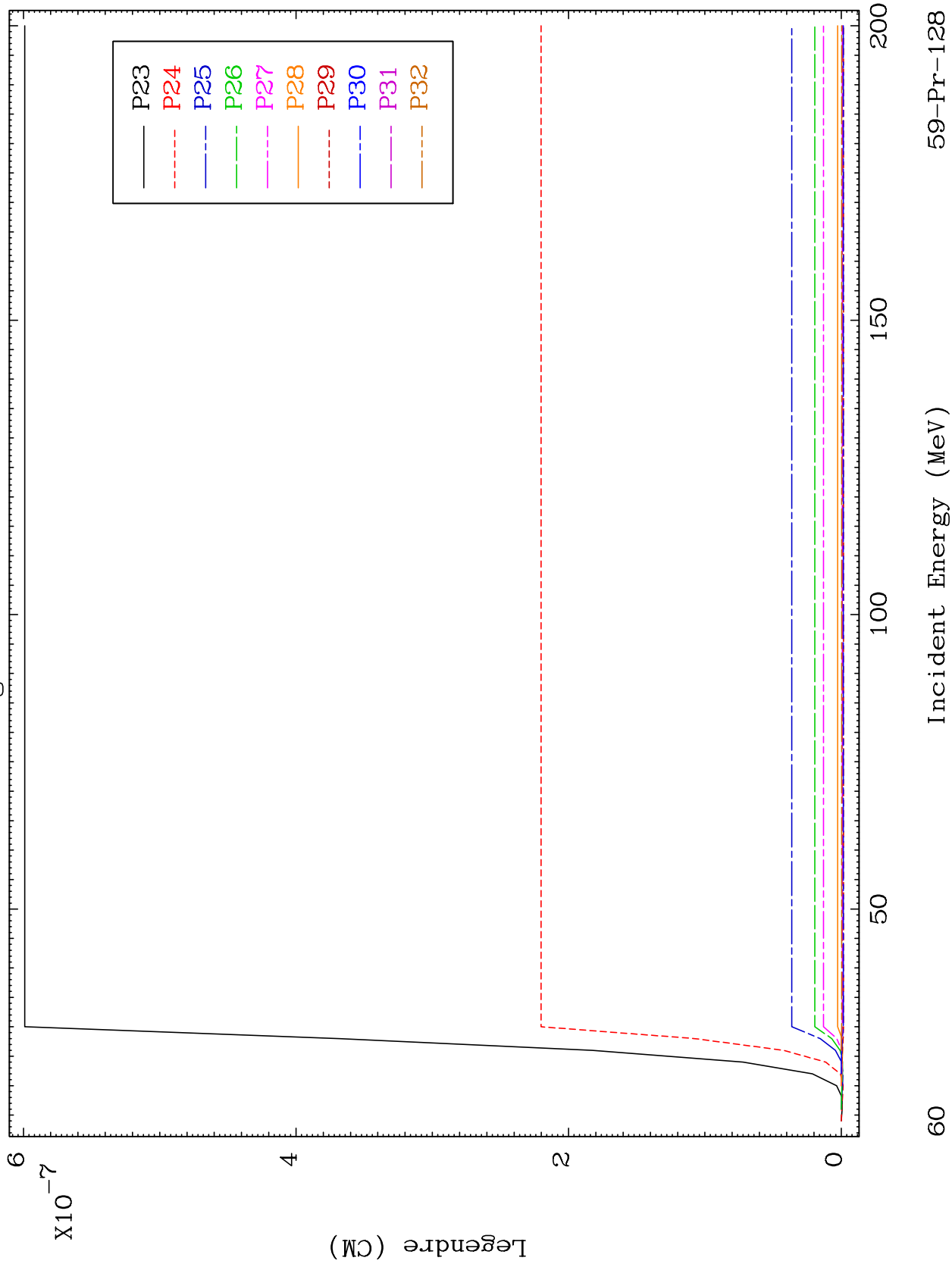




MAT 5886

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

59-Pr-128

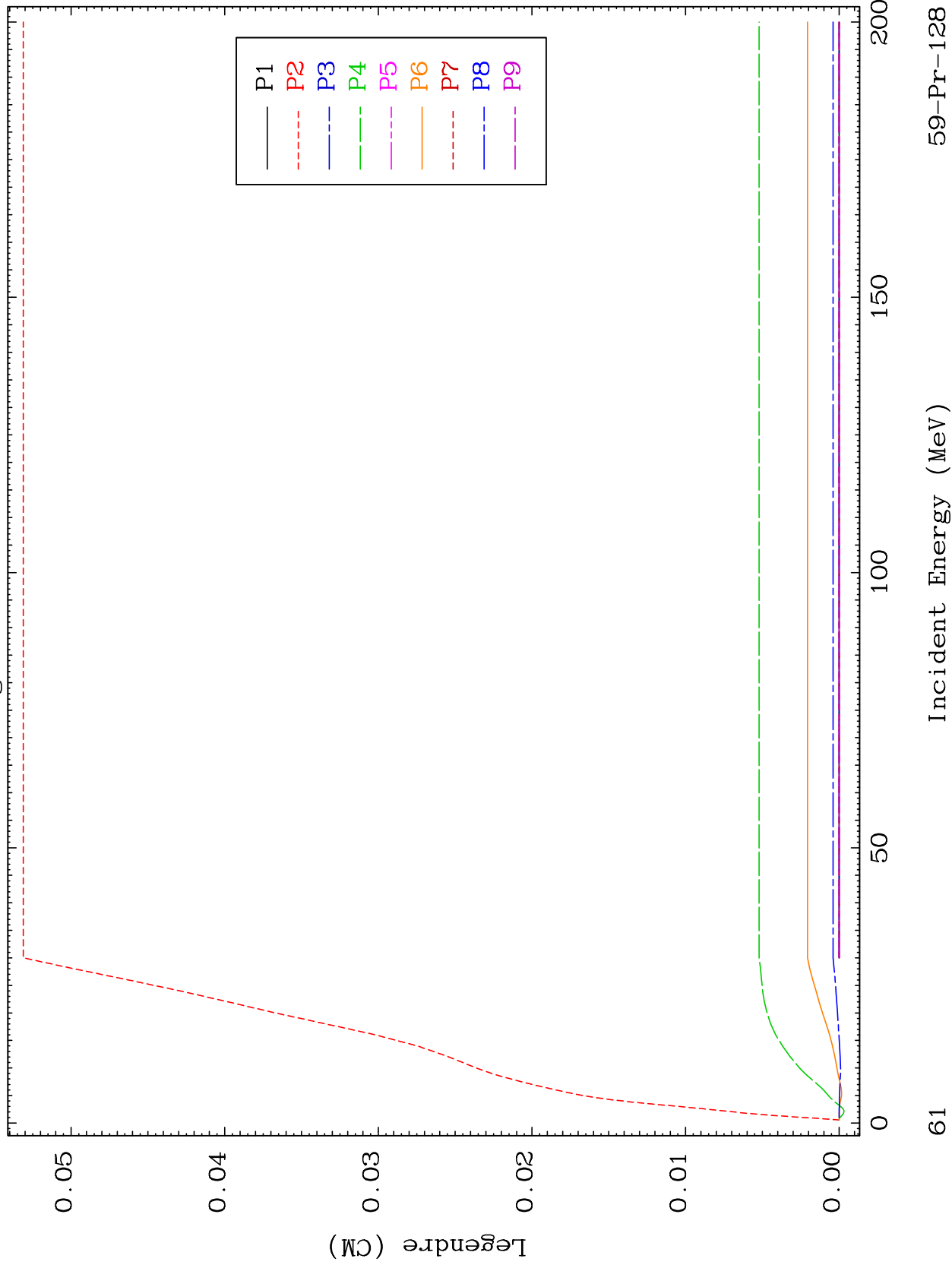


59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

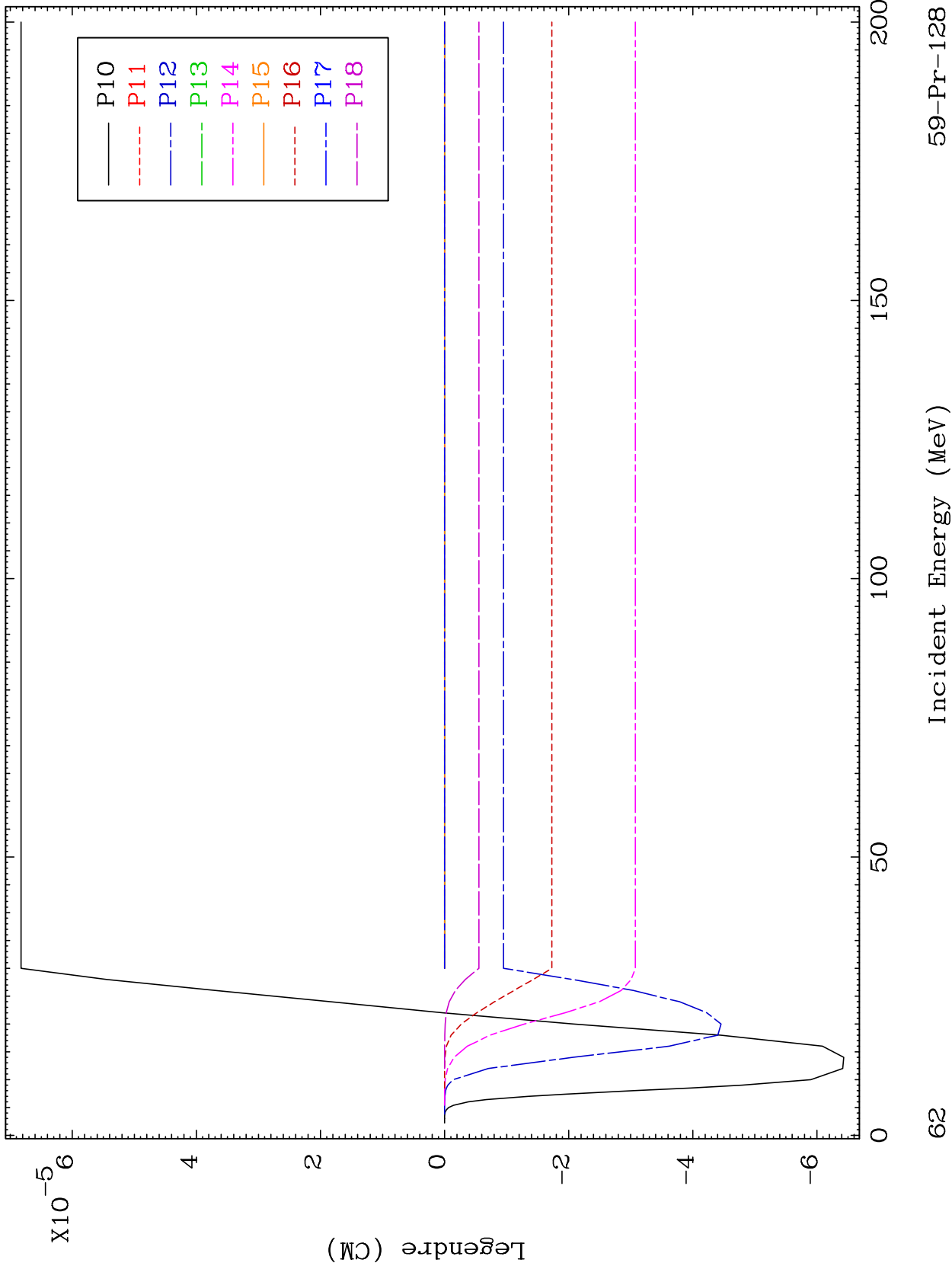
Incident Energy (MeV)

61

MAT 5886

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

59-Pr-128



59-Pr-128

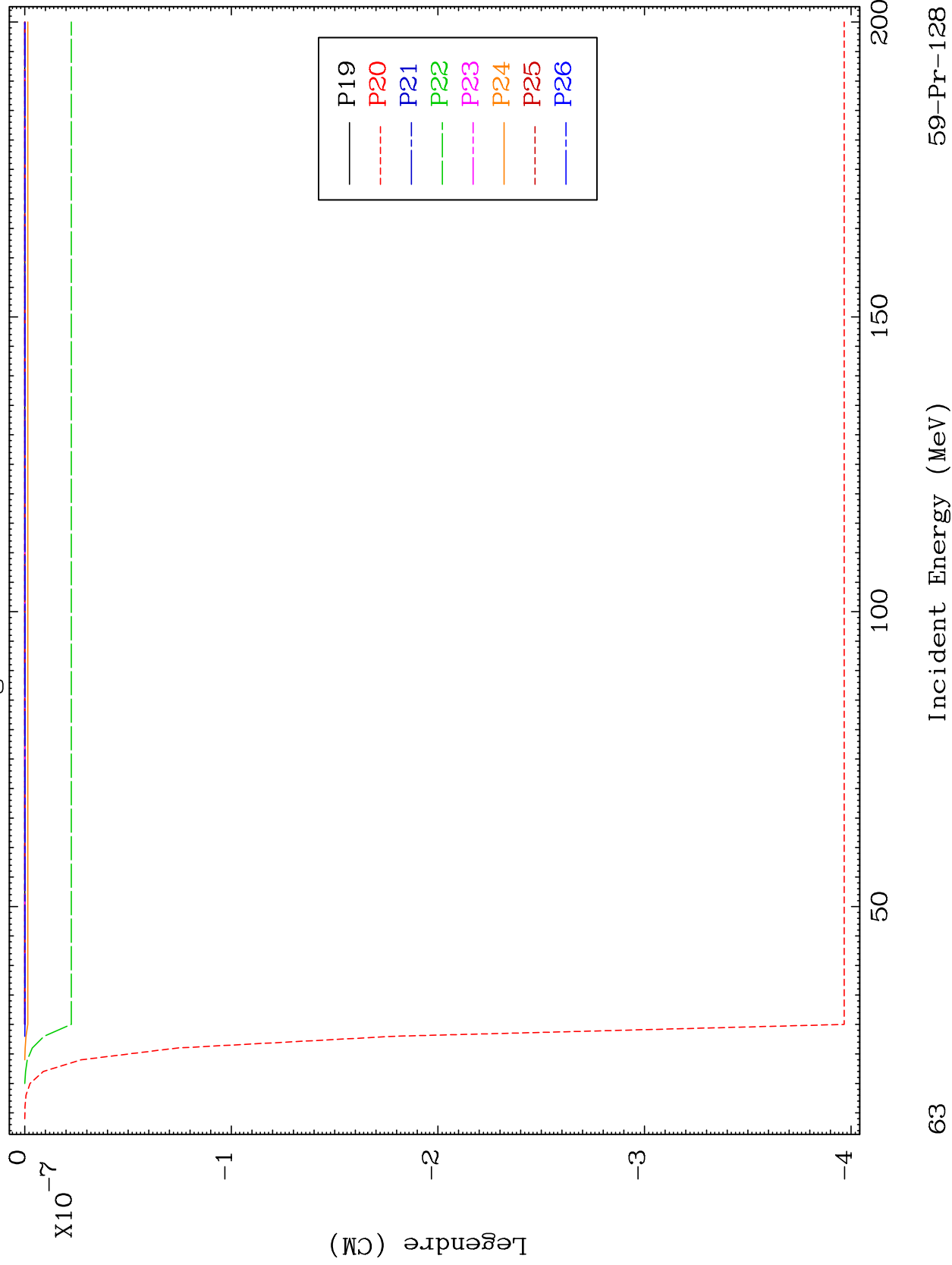
Incident Energy (MeV)

62

MAT 5886

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

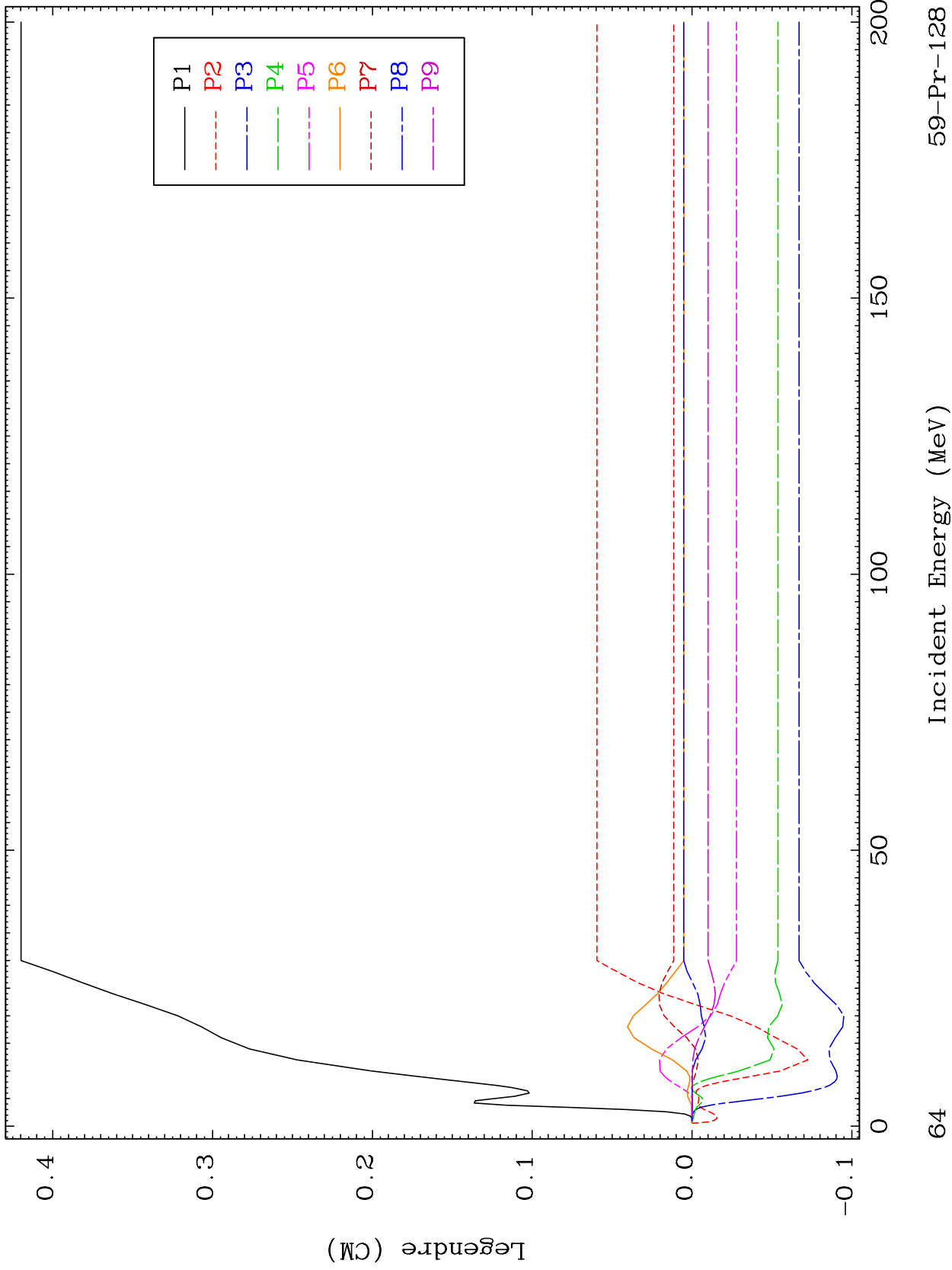
59-Pr-128



63

Incident Energy (MeV)

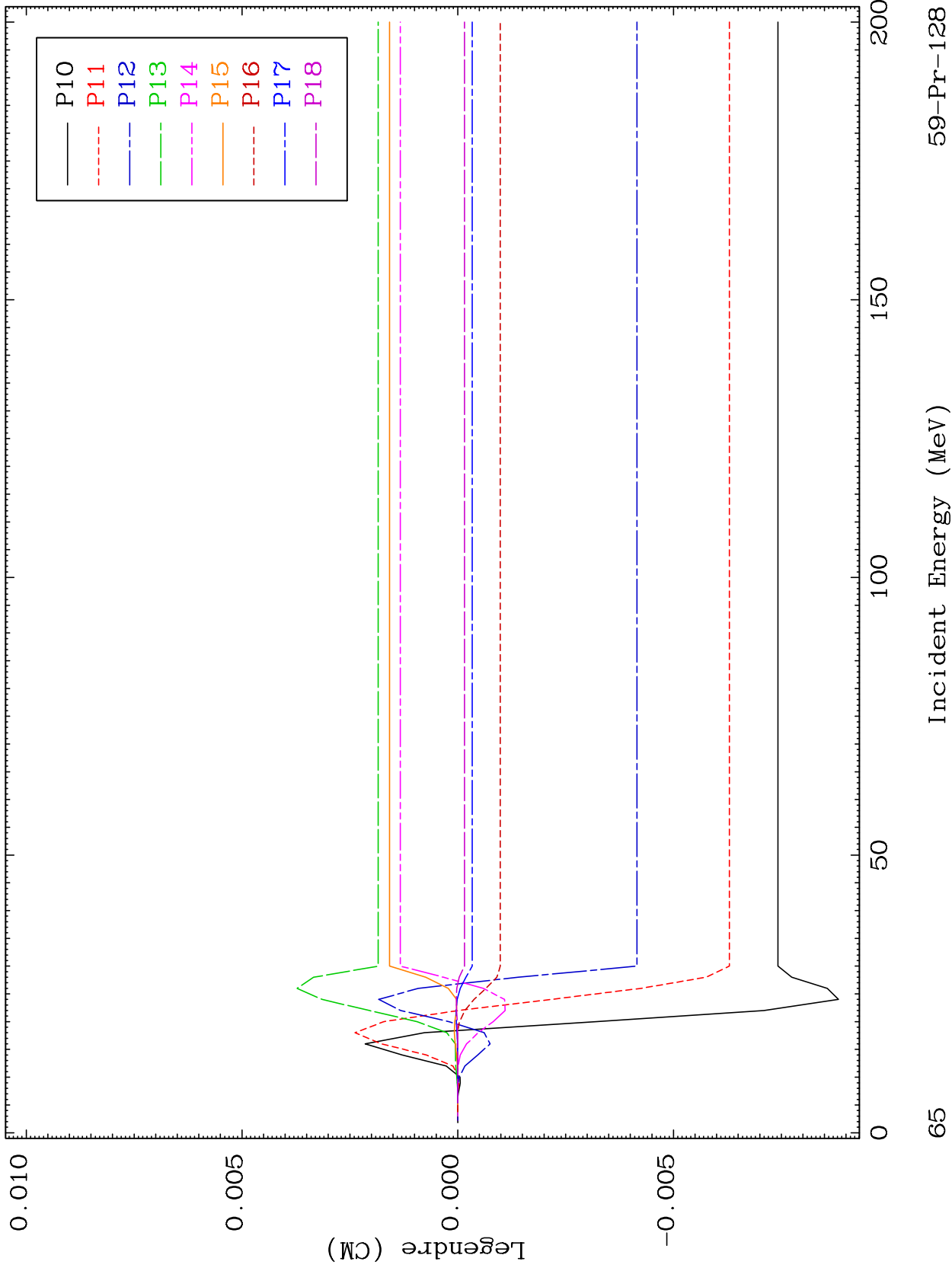
59-Pr-128



MAT 5886

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

59-Pr-128



59-Pr-128

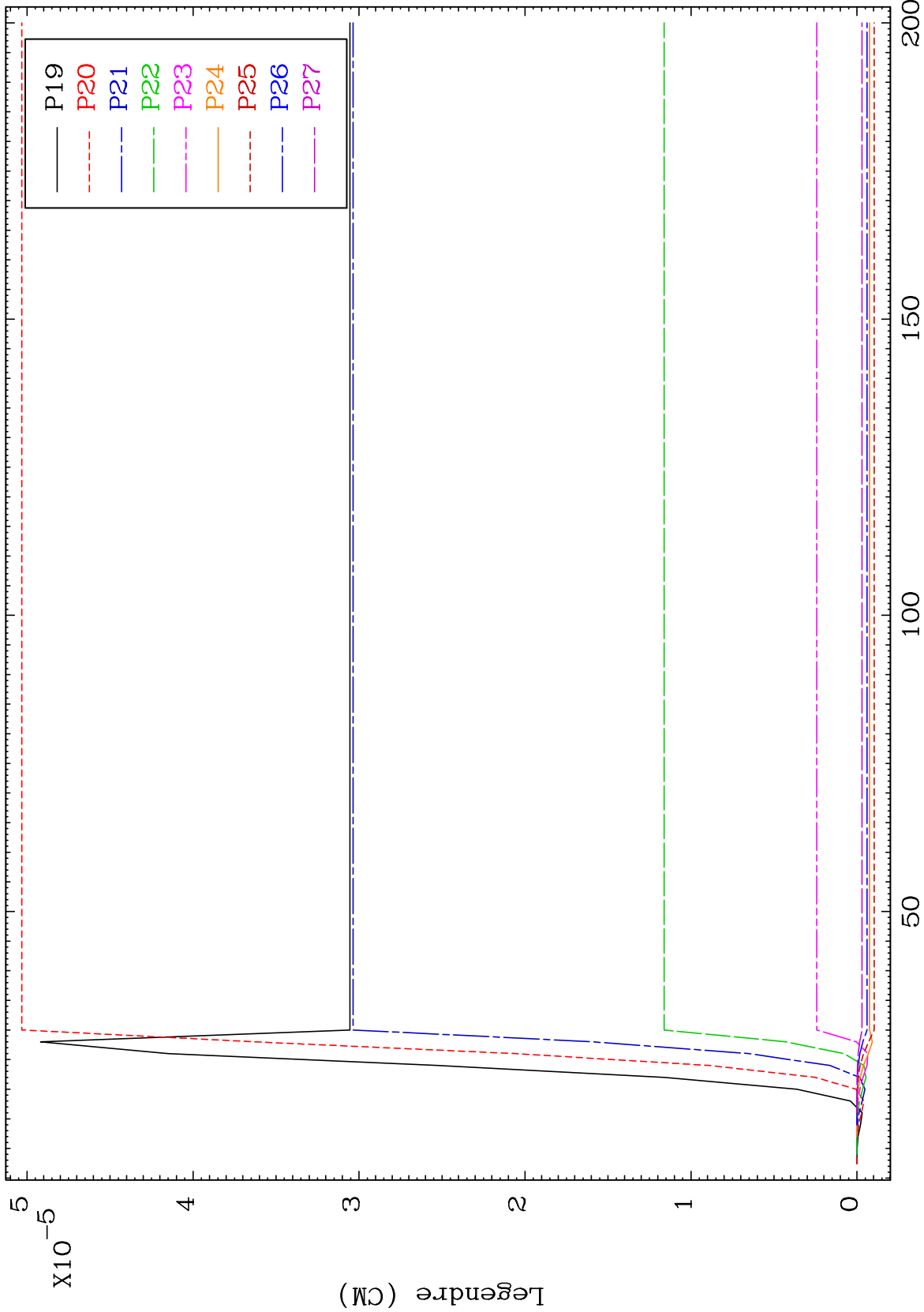
Incident Energy (MeV)

65

MAT 5886

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

59-Pr-128



66

Incident Energy (MeV)

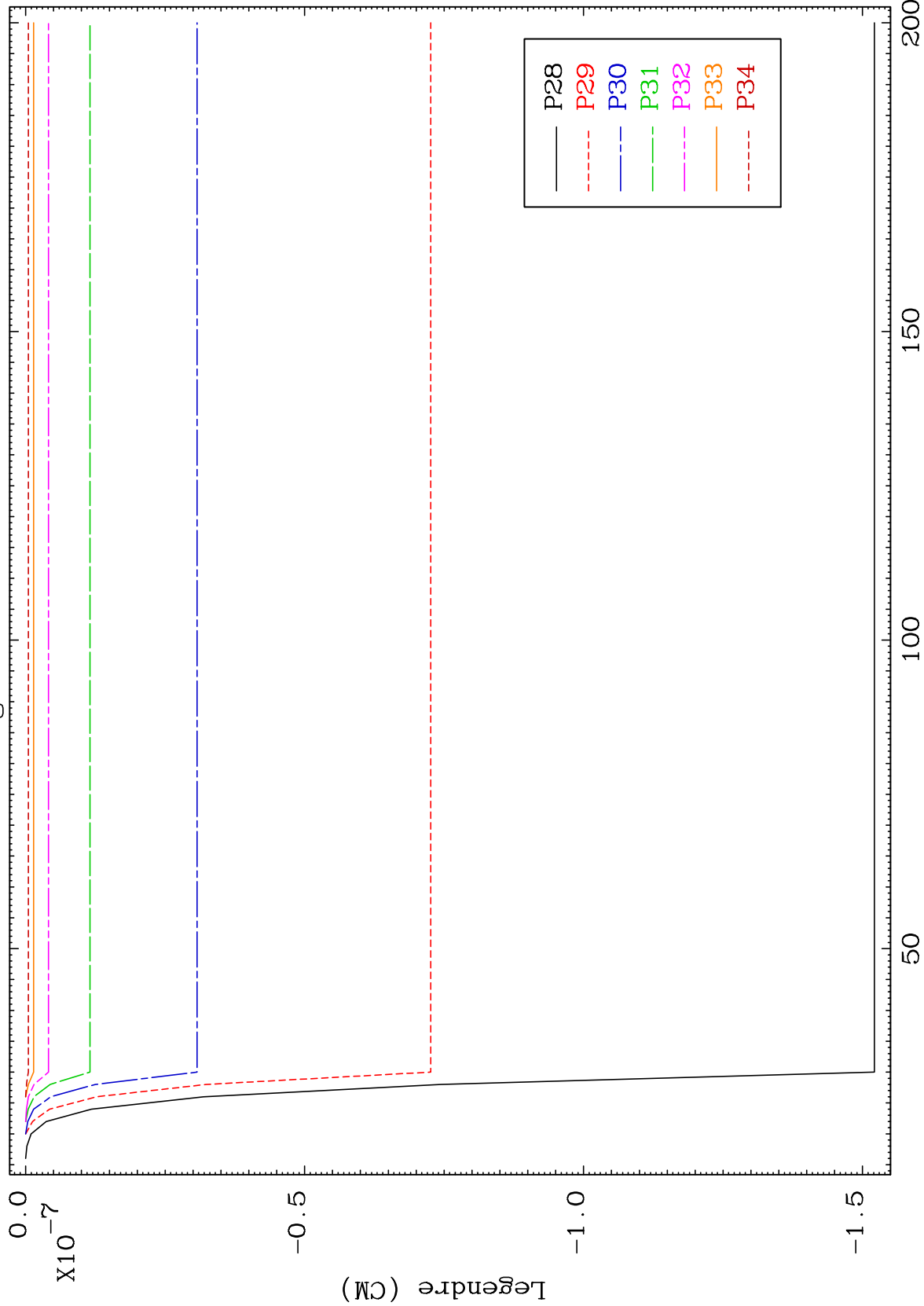
59-Pr-128

MAT 5886

MT= 64 (n,n') Level

59-Pr-128

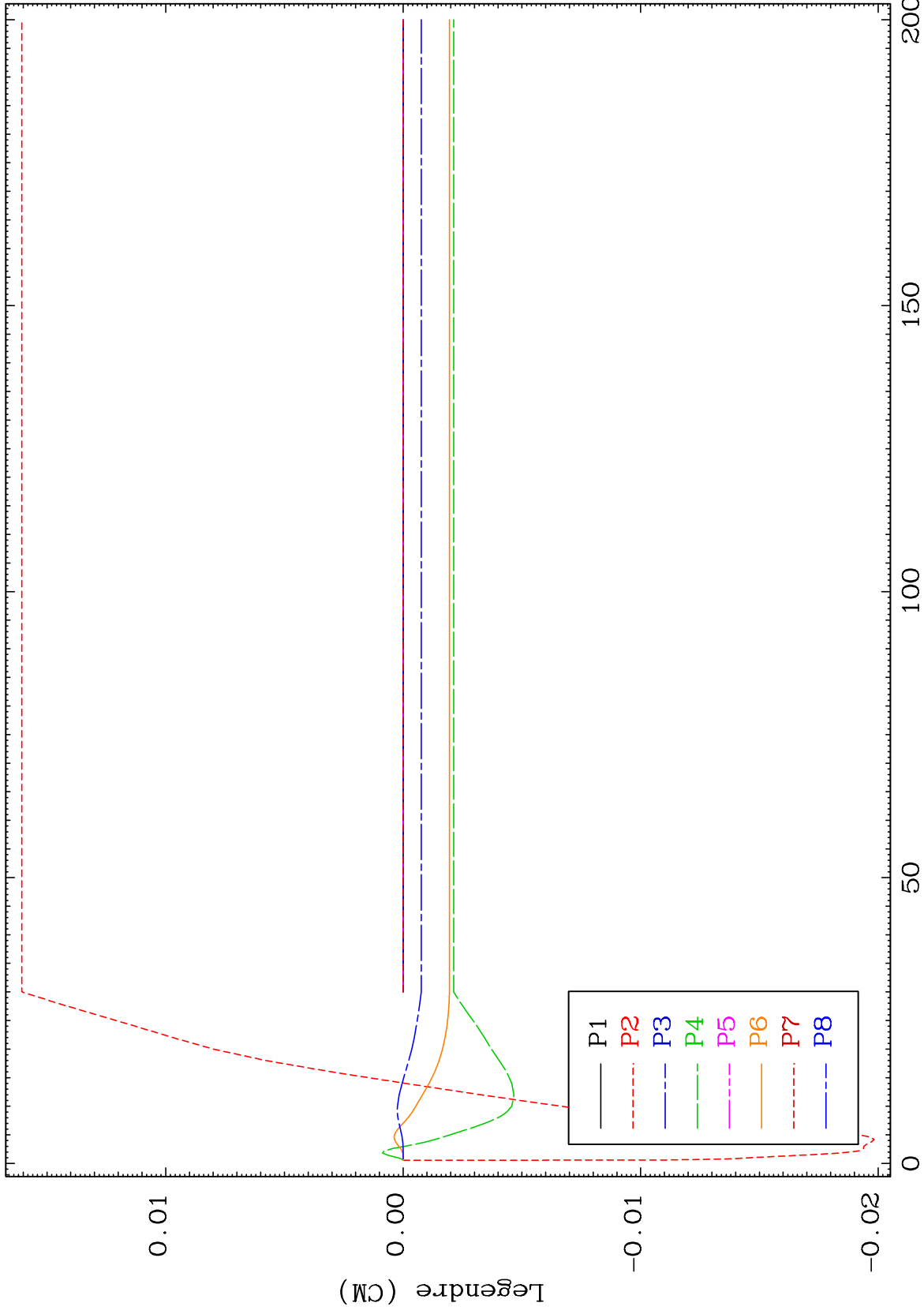
Legendre Coefficients



MAT 5886

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

59-Pr-128



68

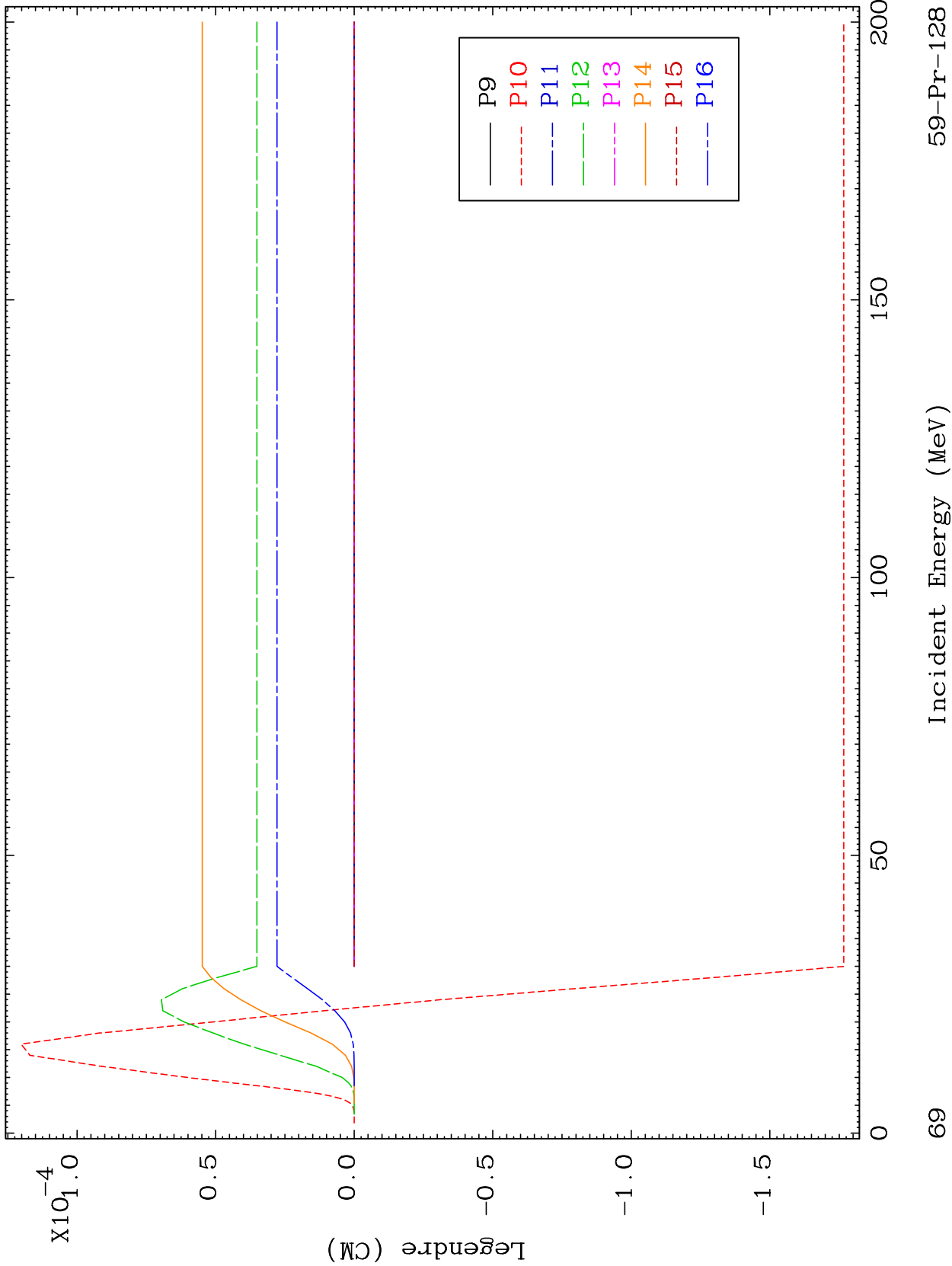
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



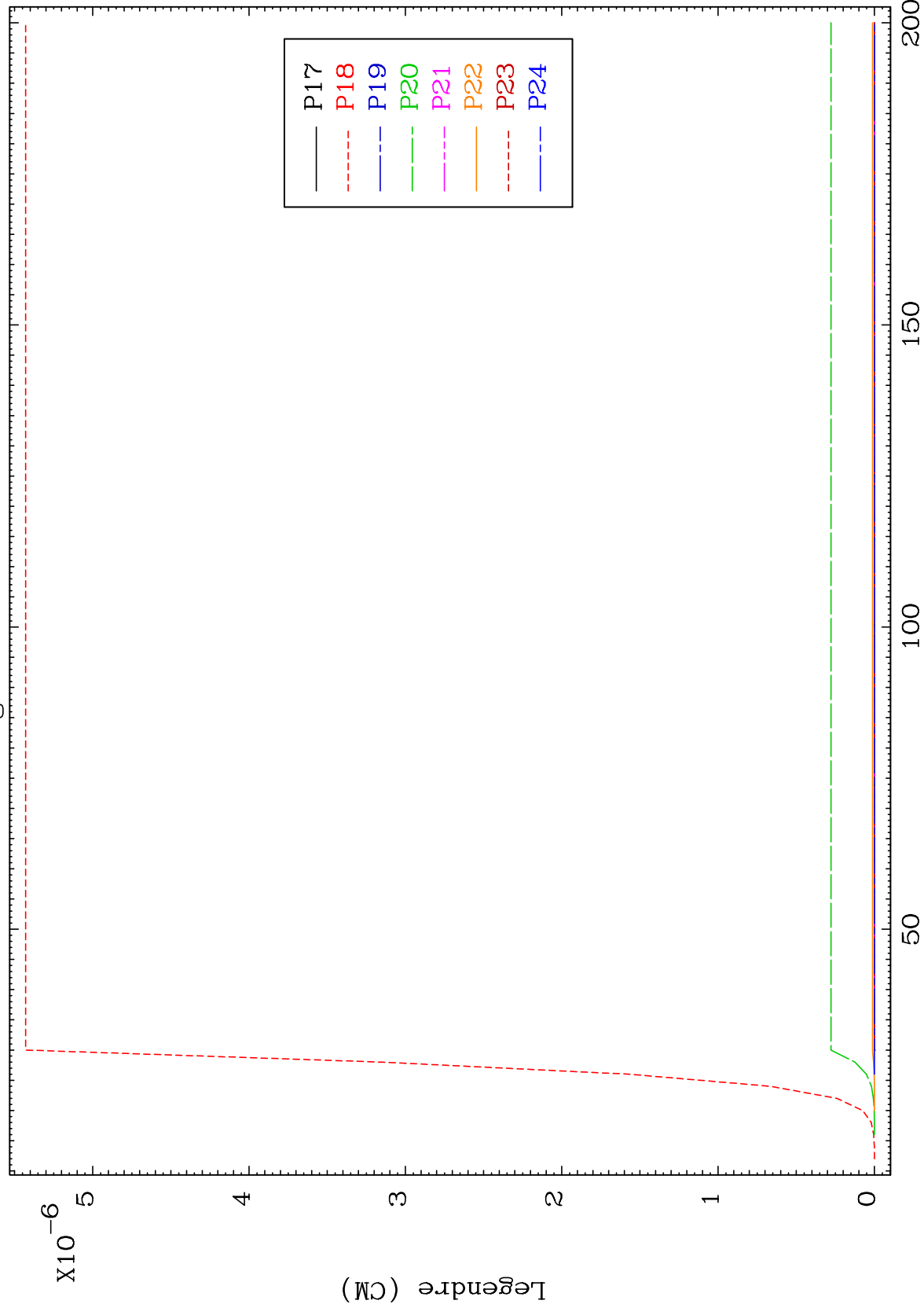
69

59-Pr-128

MAT 5886

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

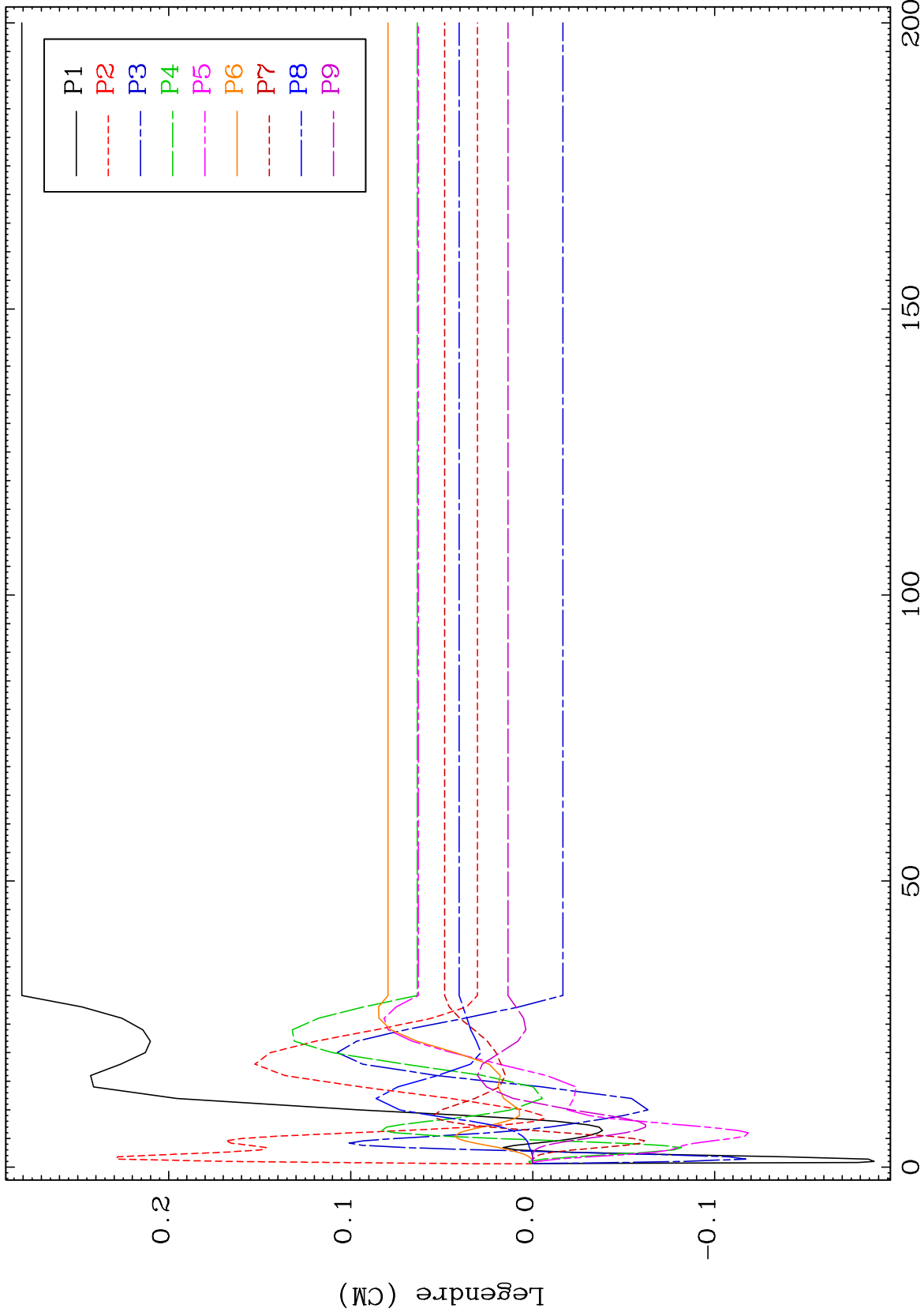
59-Pr-128



70

Incident Energy (MeV)

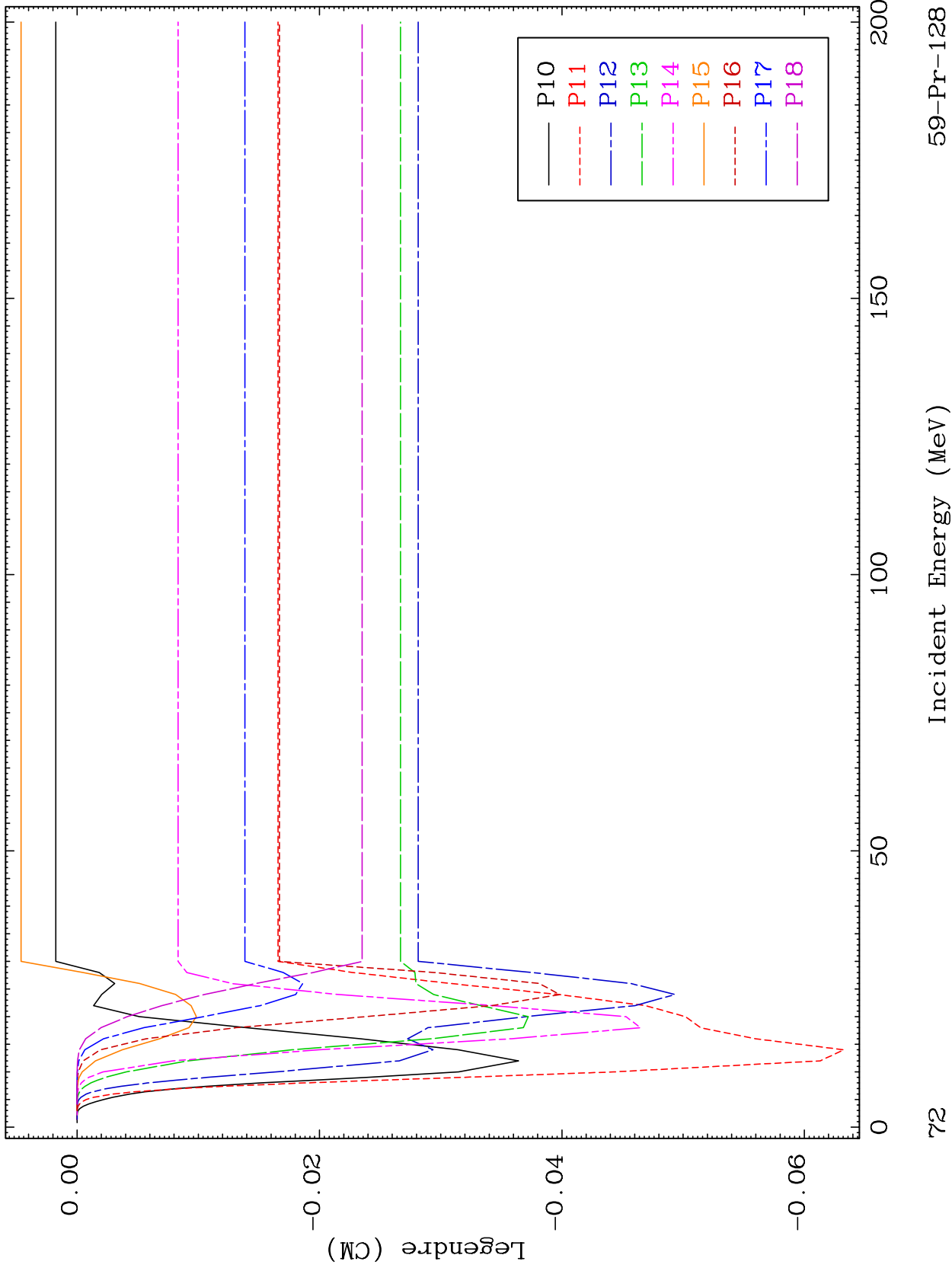
59-Pr-128



MAT 5886

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

59-Pr-128



72

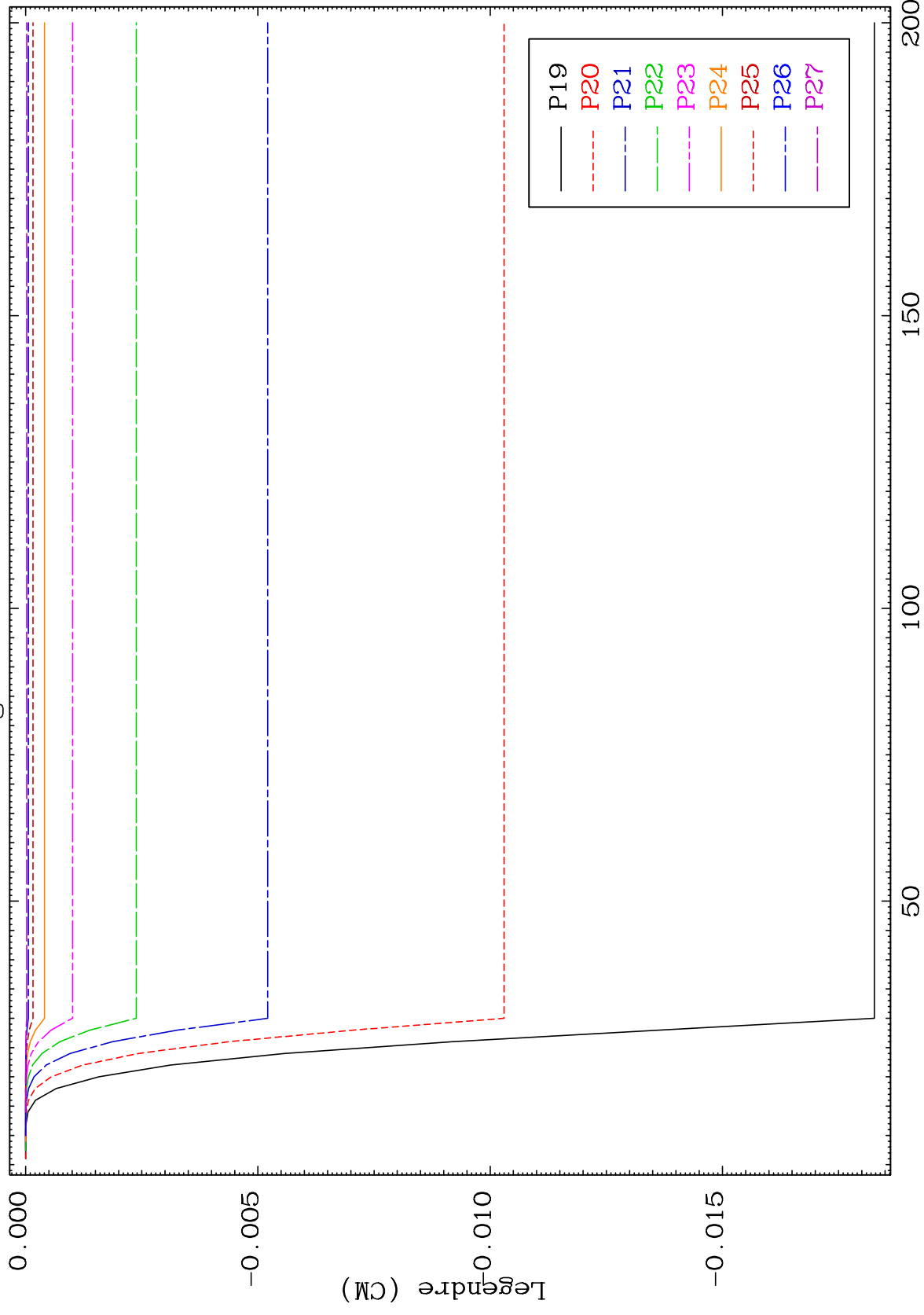
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



73

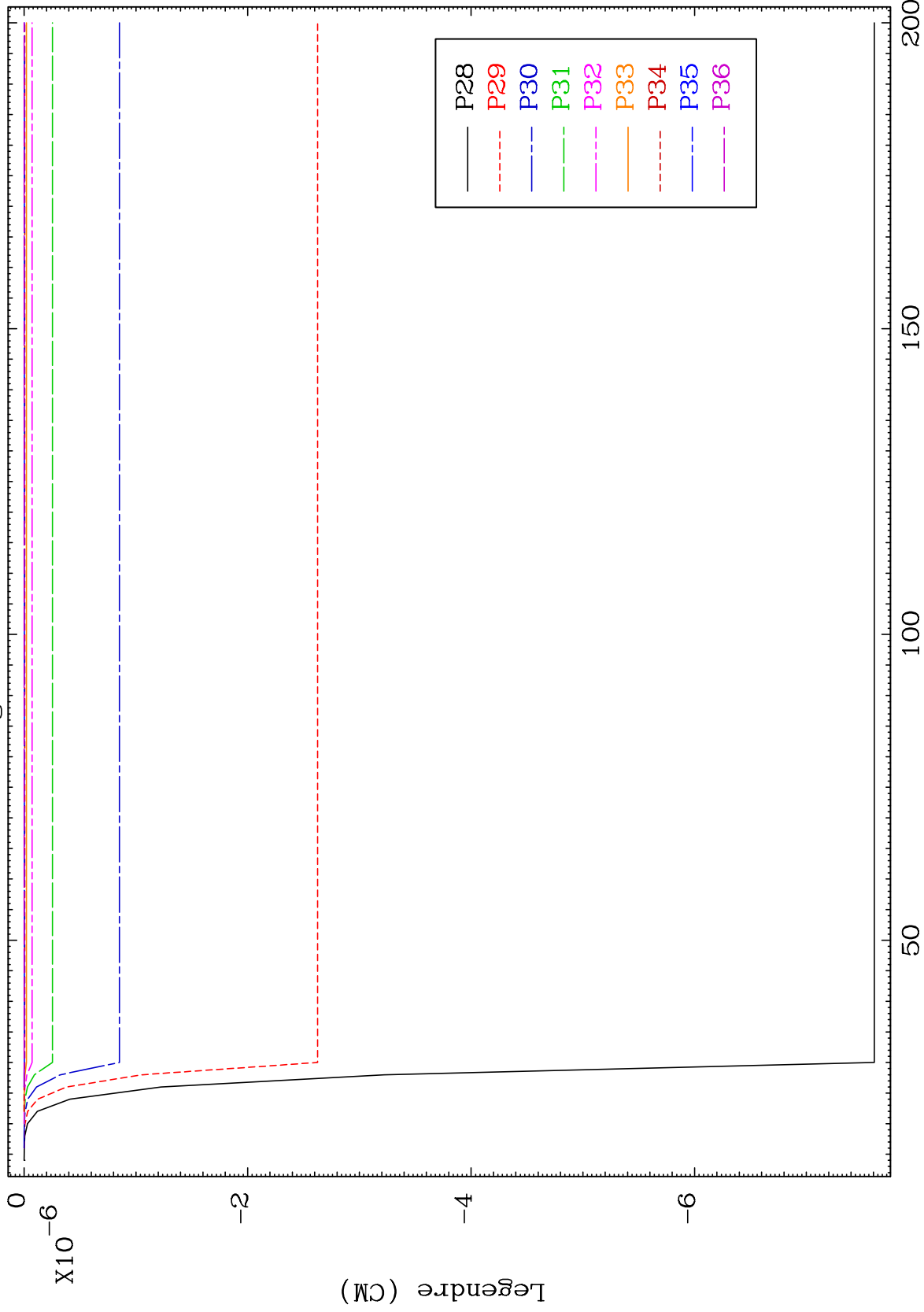
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



74

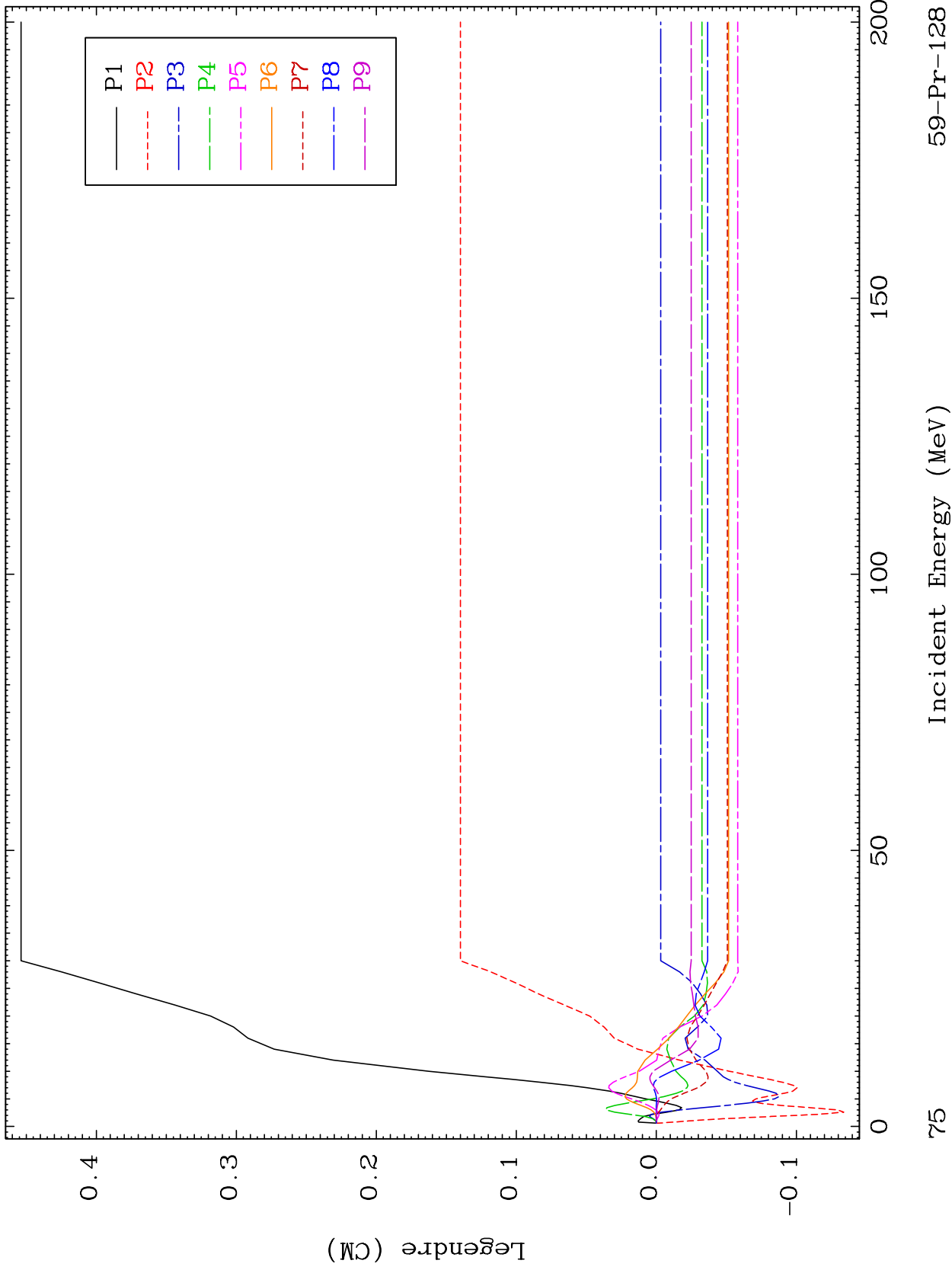
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

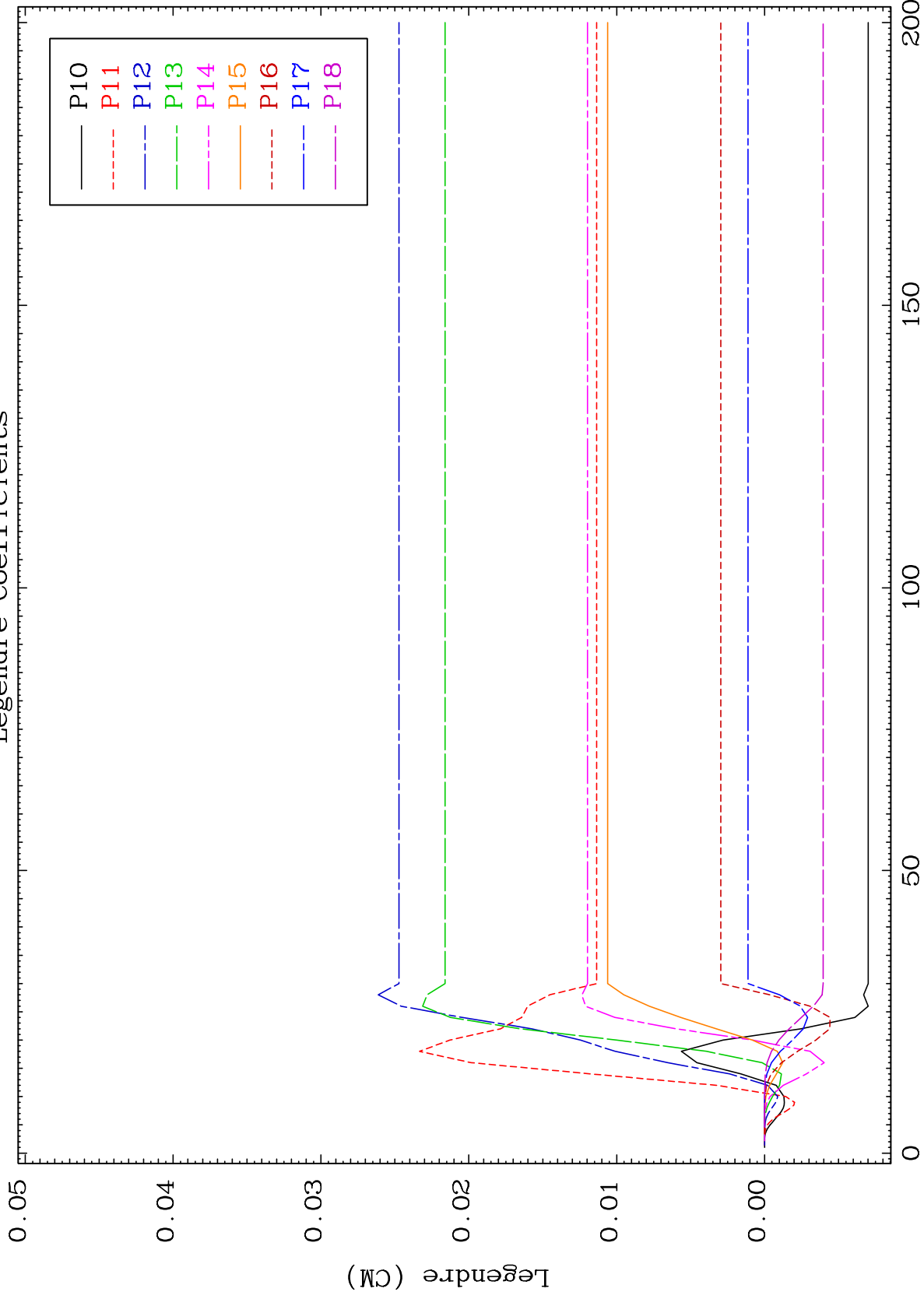
Incident Energy (MeV)

75

MAT 5886

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

59-Pr-128



76

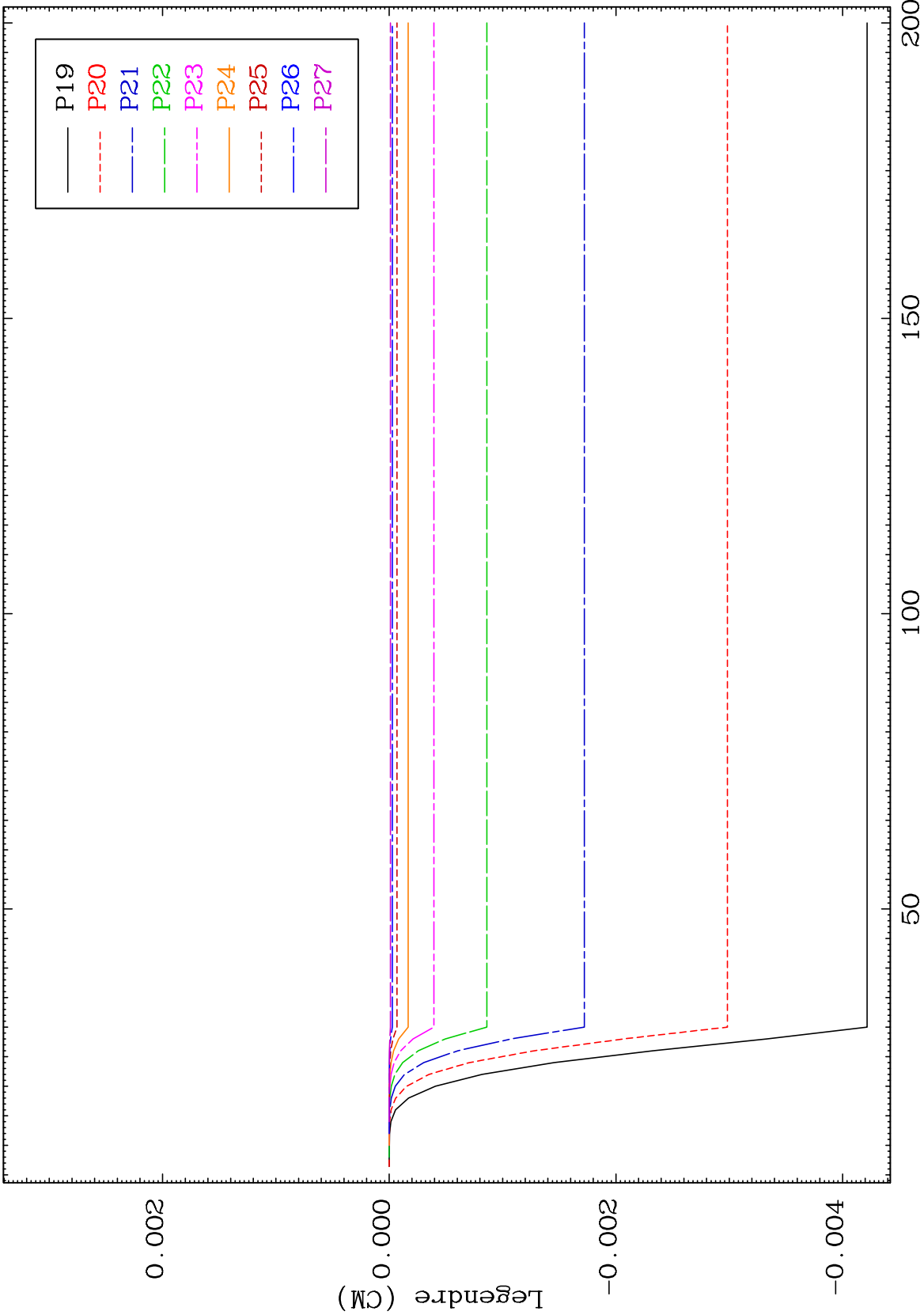
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



77

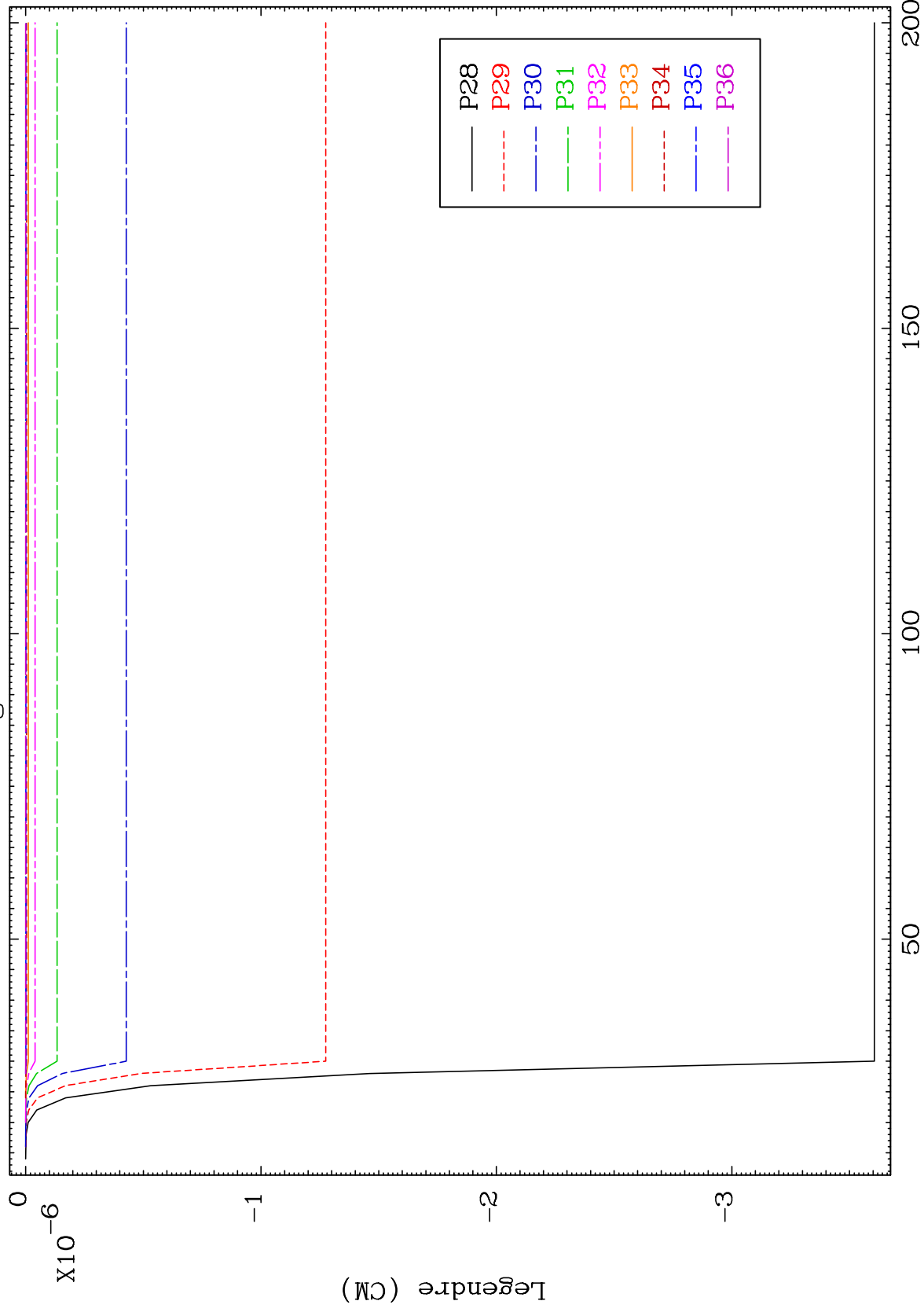
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



78

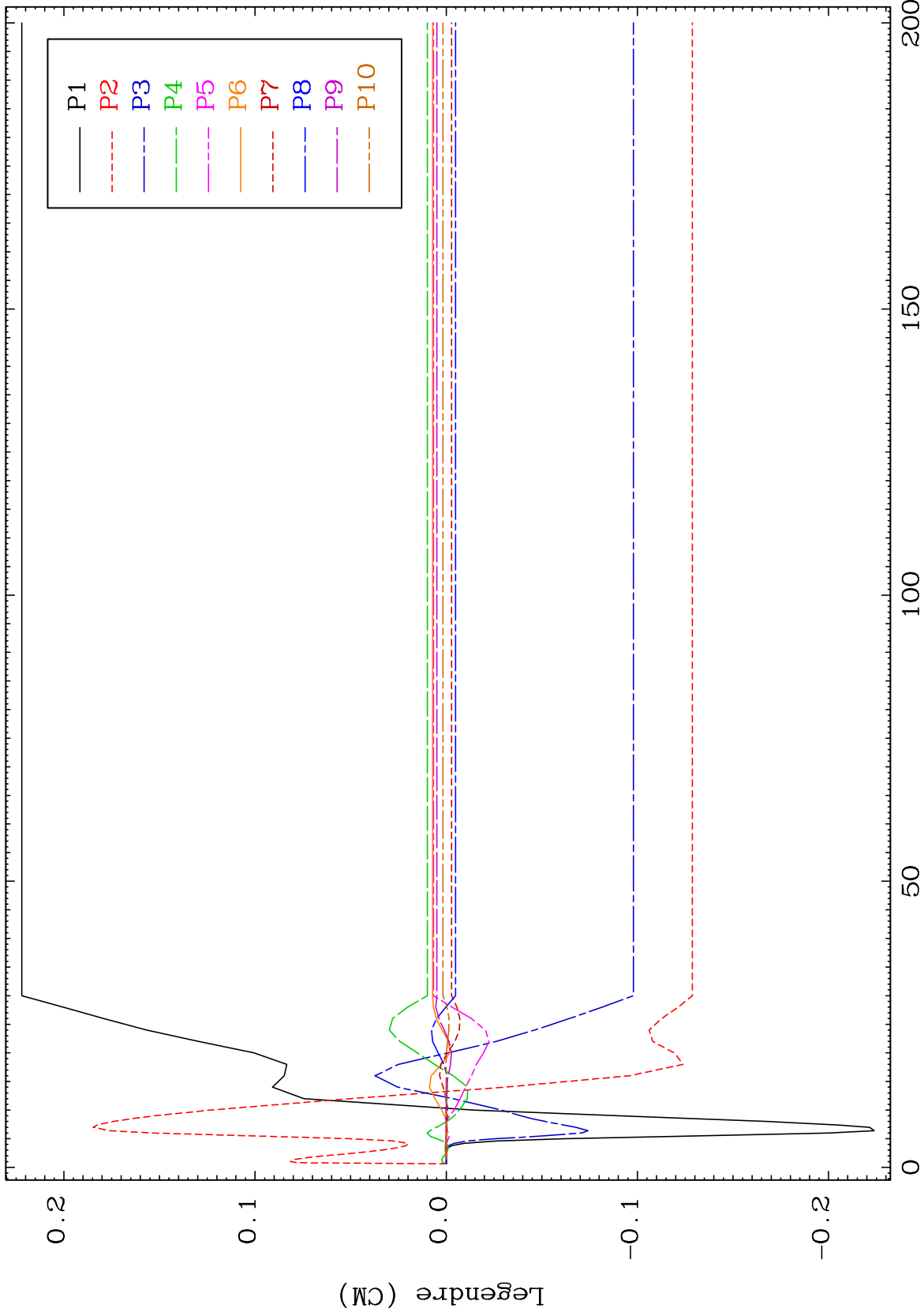
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



79

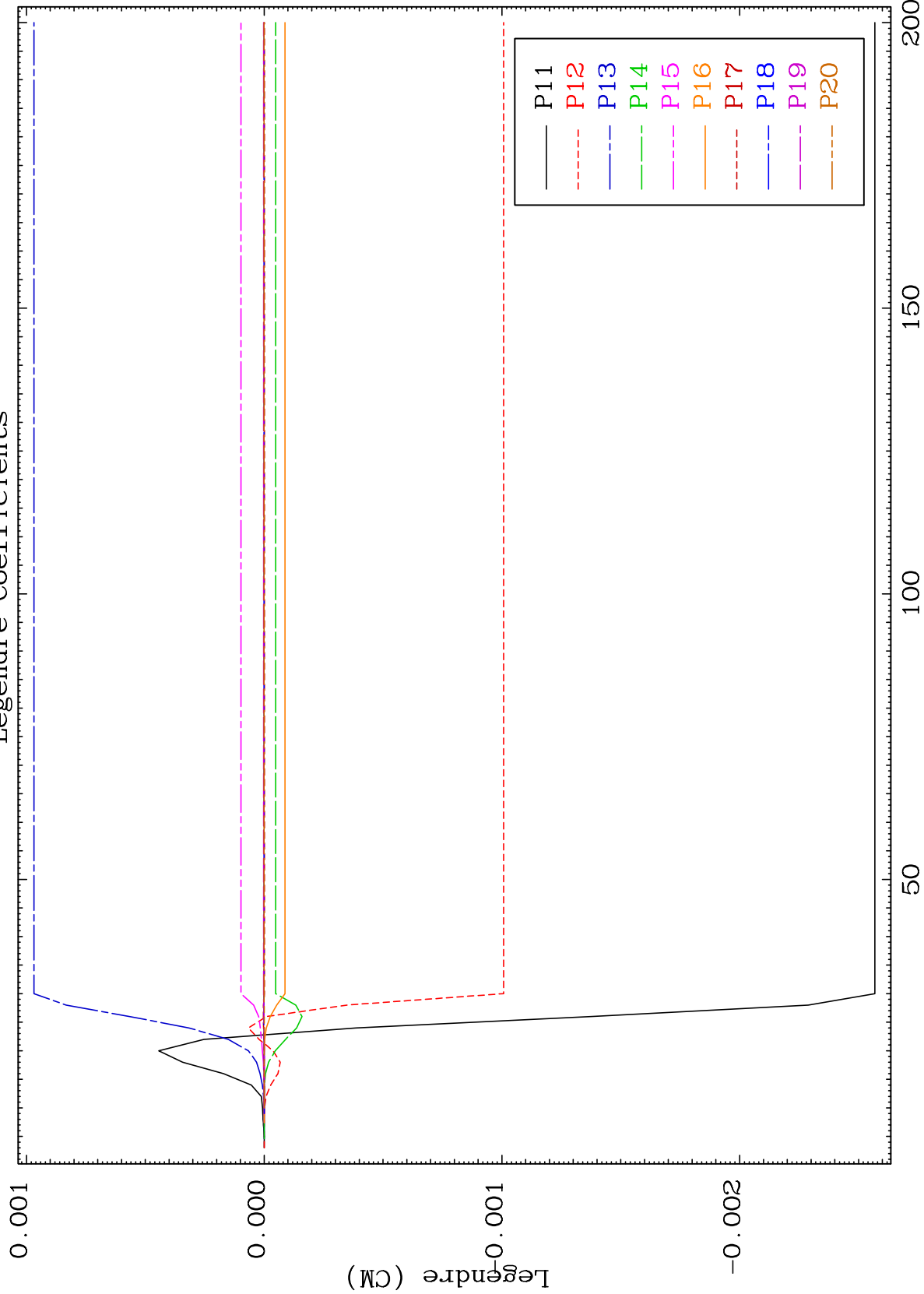
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

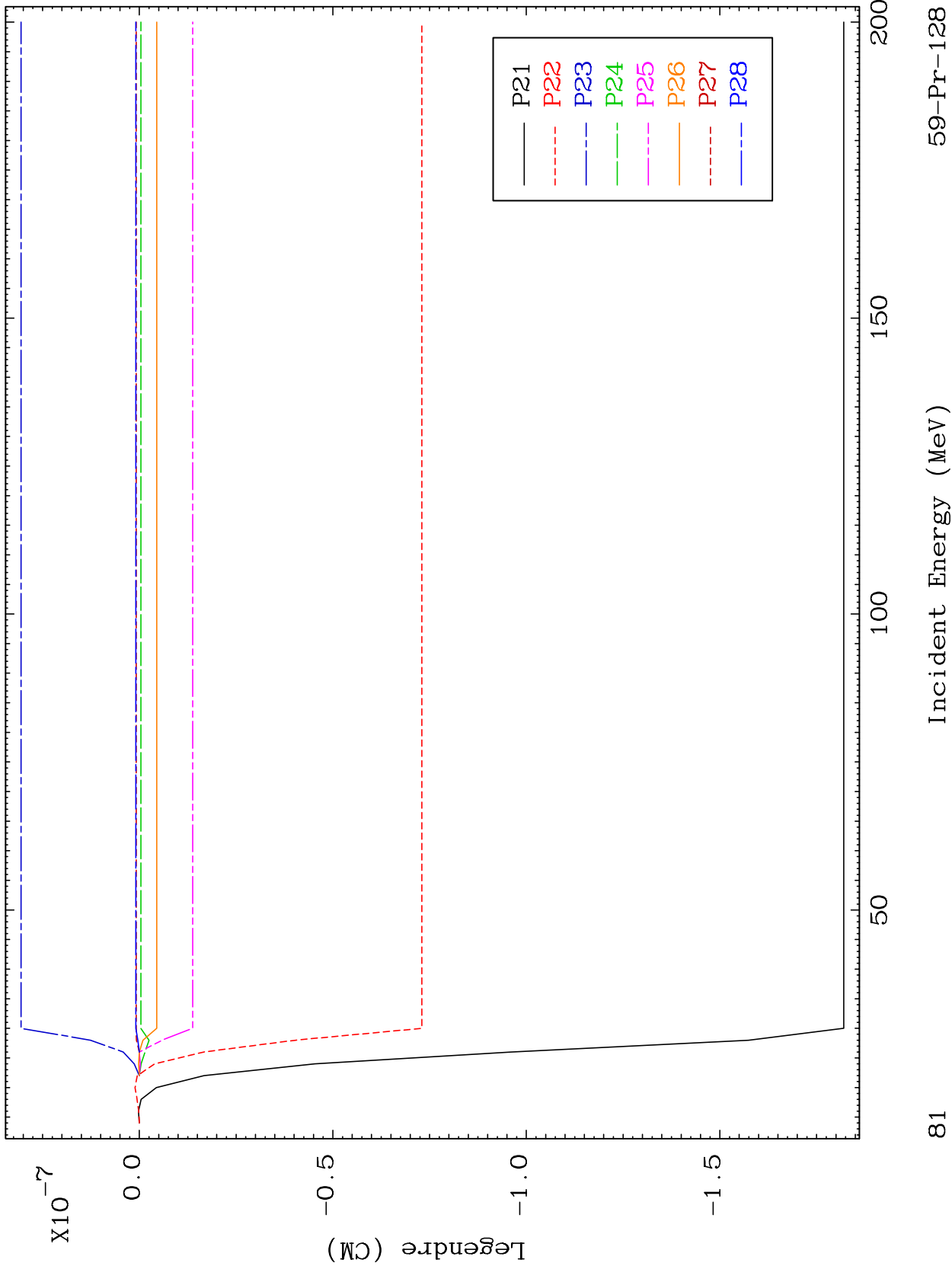
59-Pr-128



80

Incident Energy (MeV)

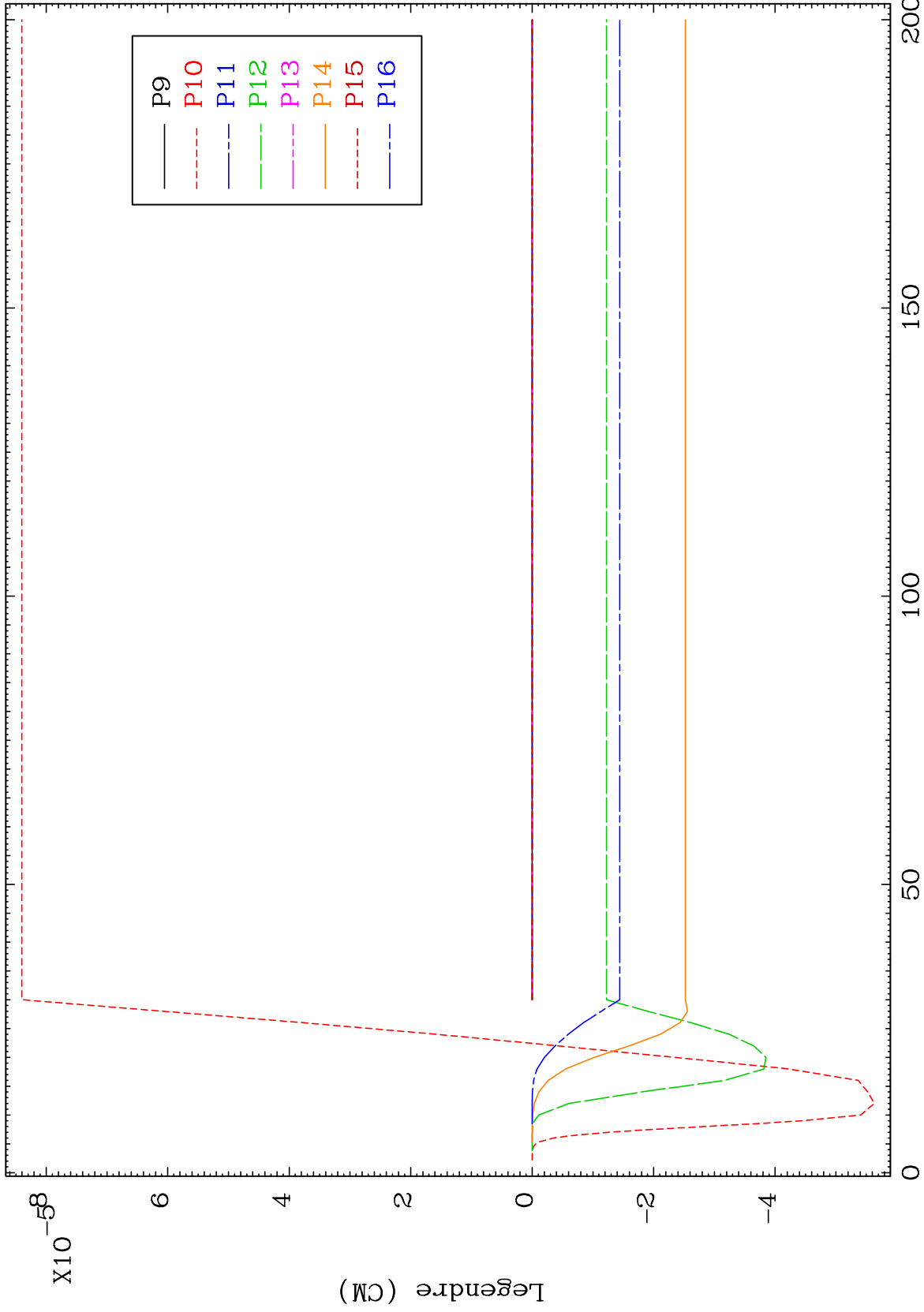
59-Pr-128



MAT 5886

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

59-Pr-128



83

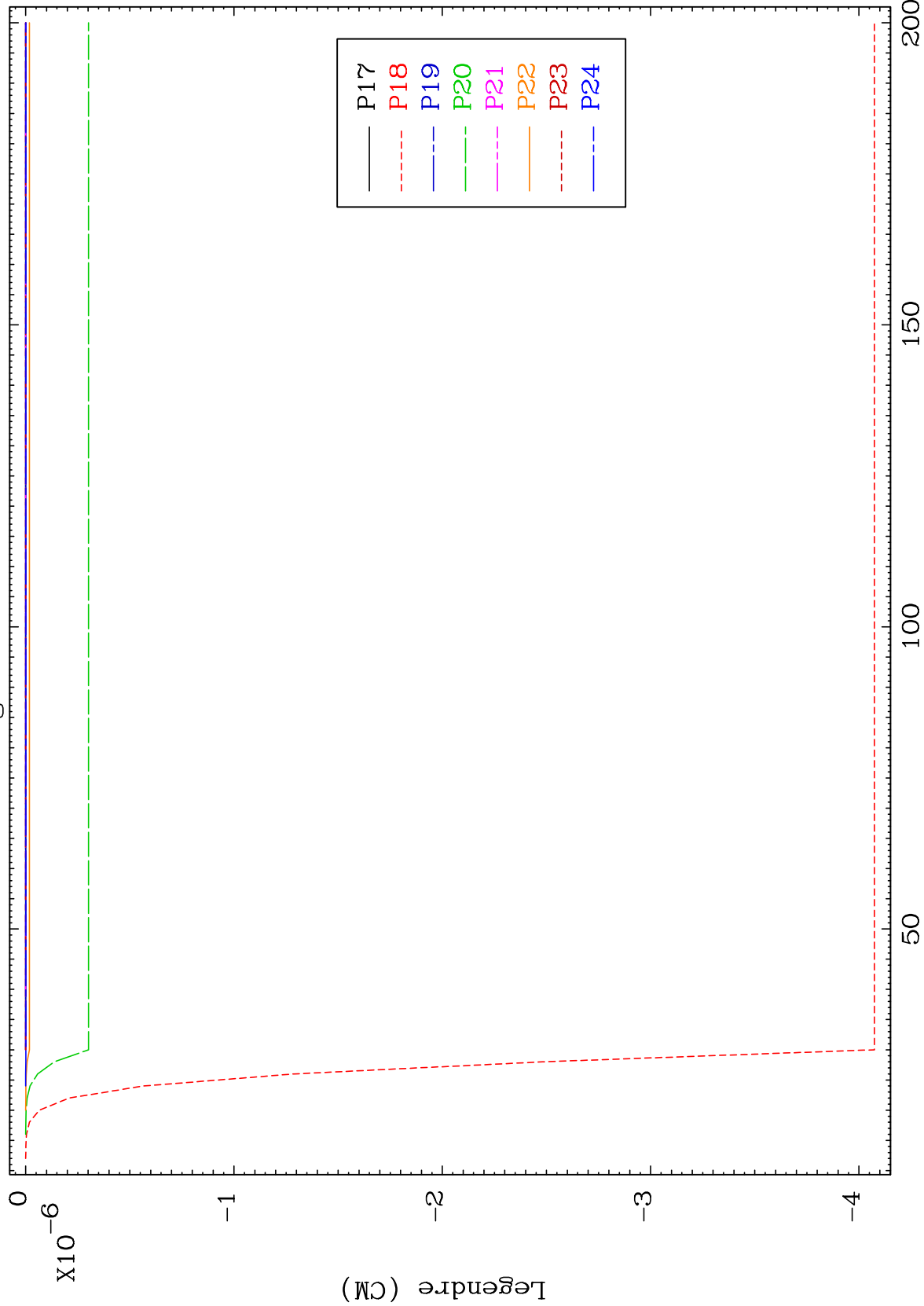
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



84

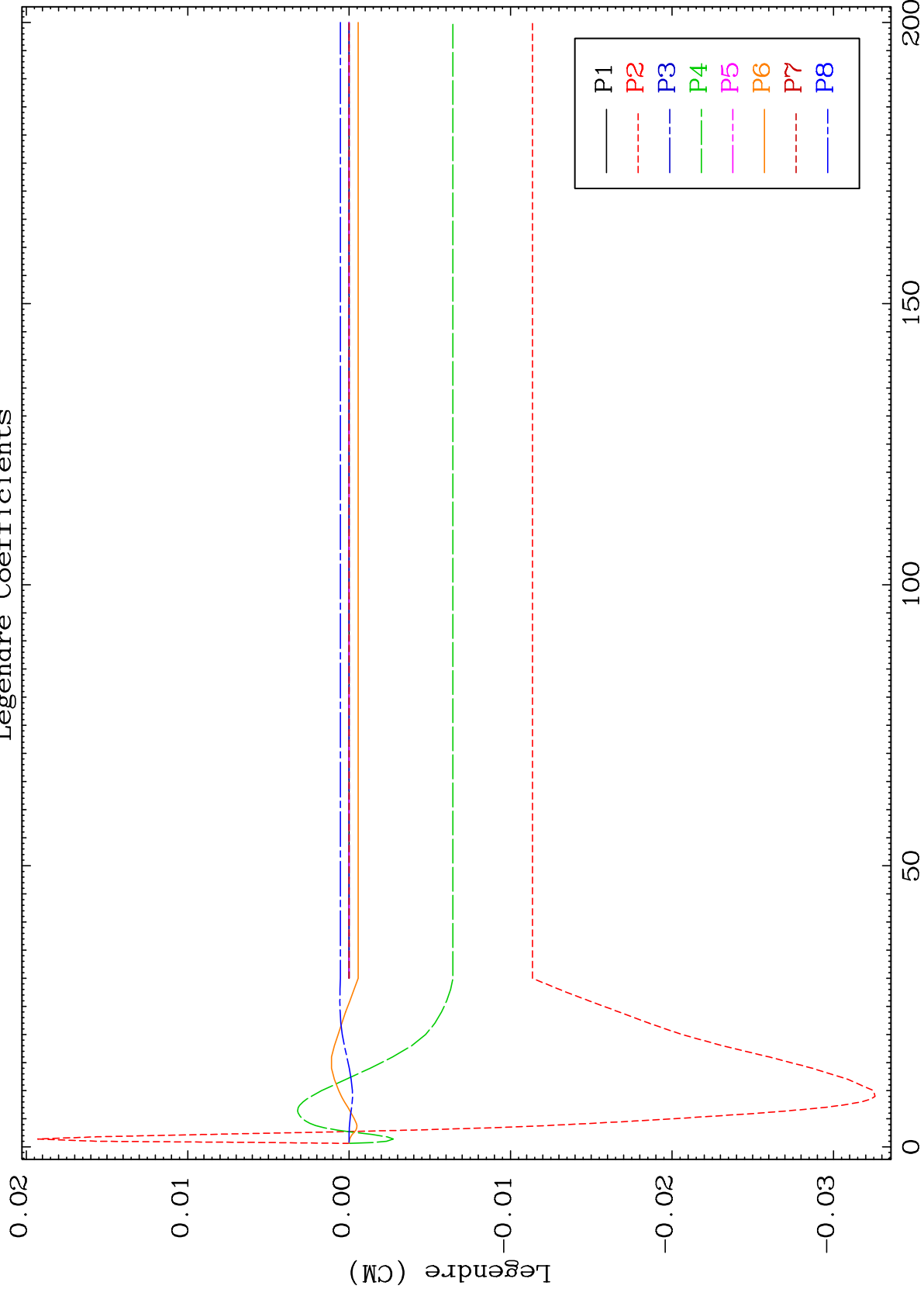
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



85

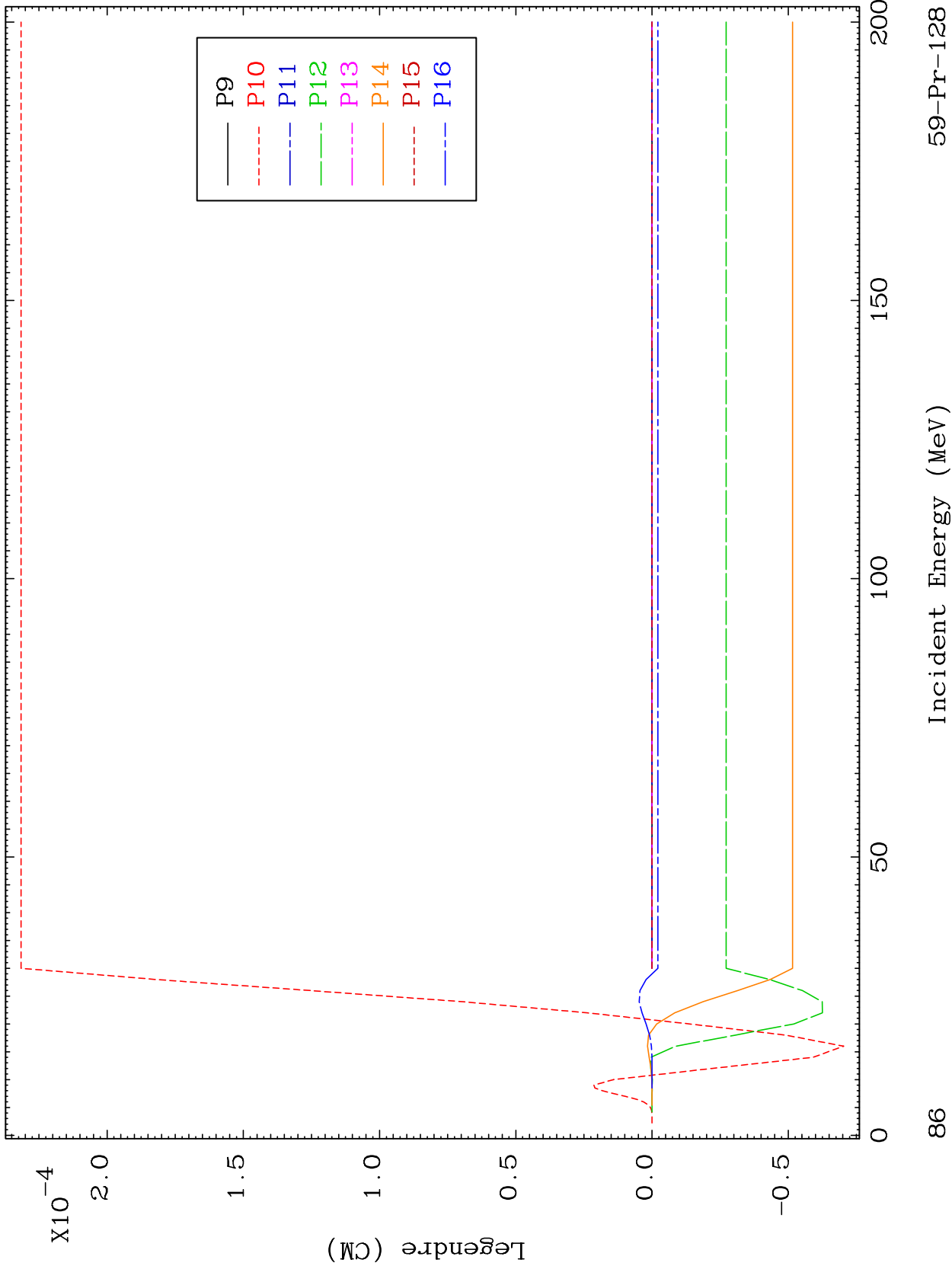
Incident Energy (MeV)

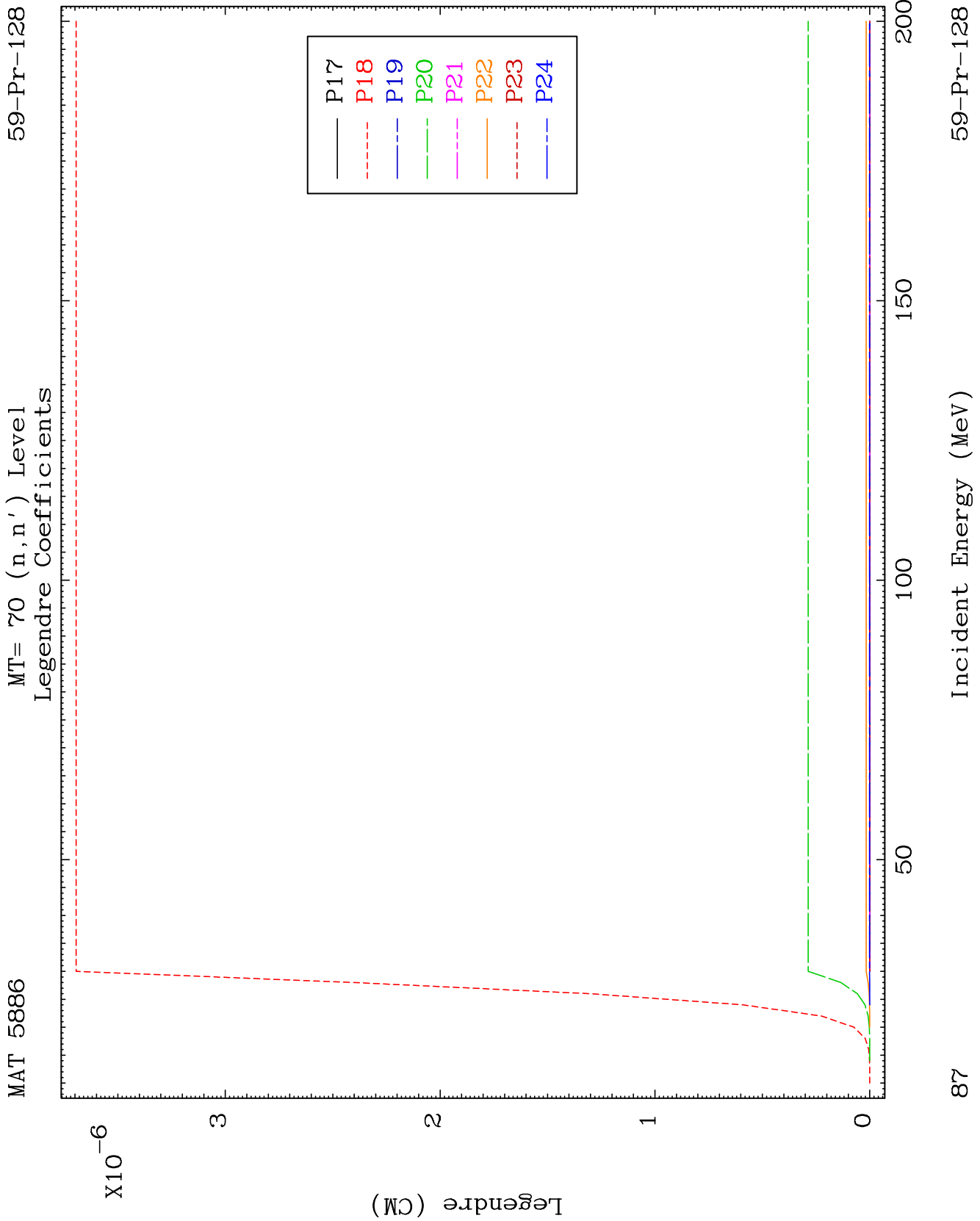
59-Pr-128

MAT 5886

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

59-Pr-128

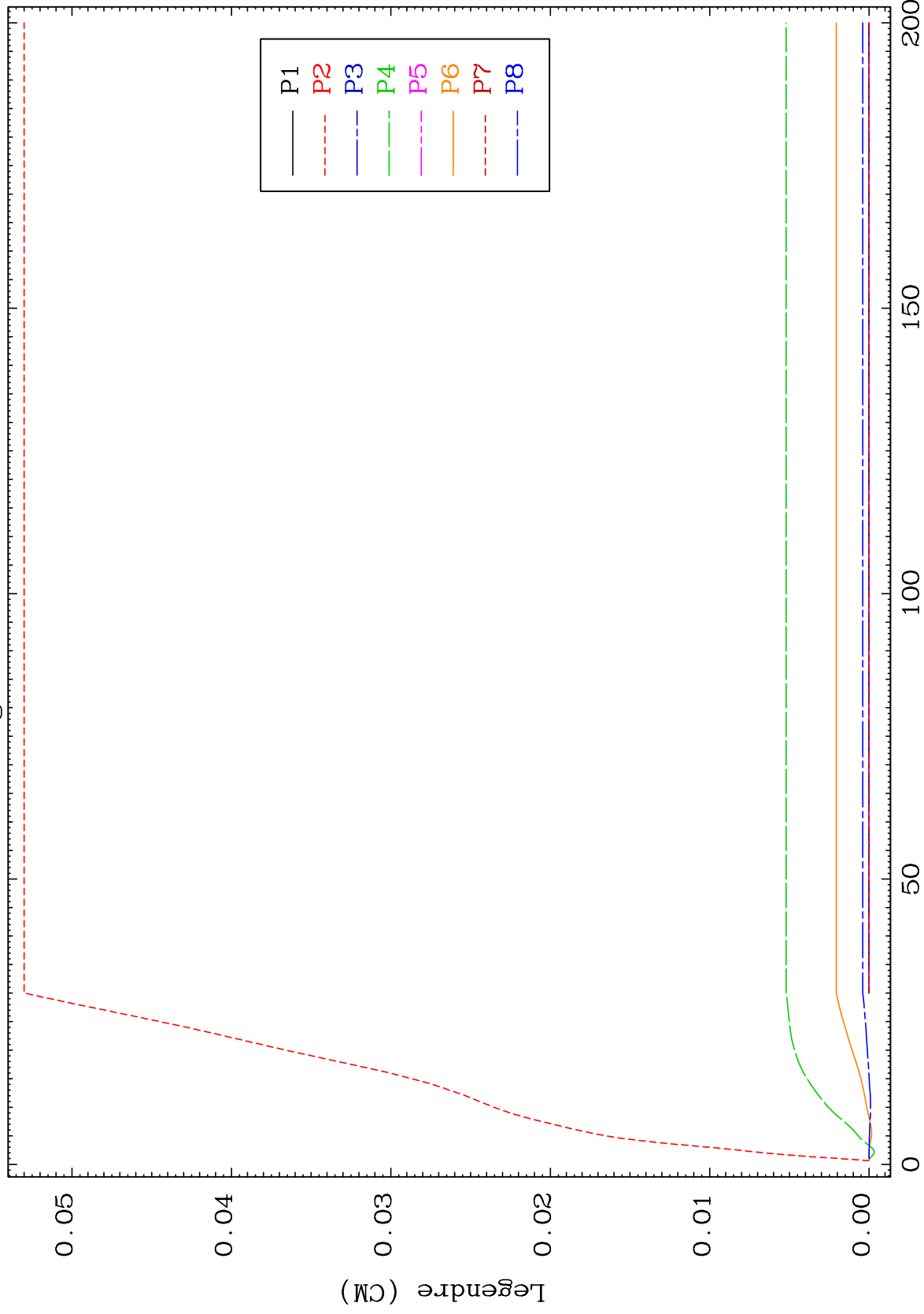




MAT 5886

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

59-Pr-128



88

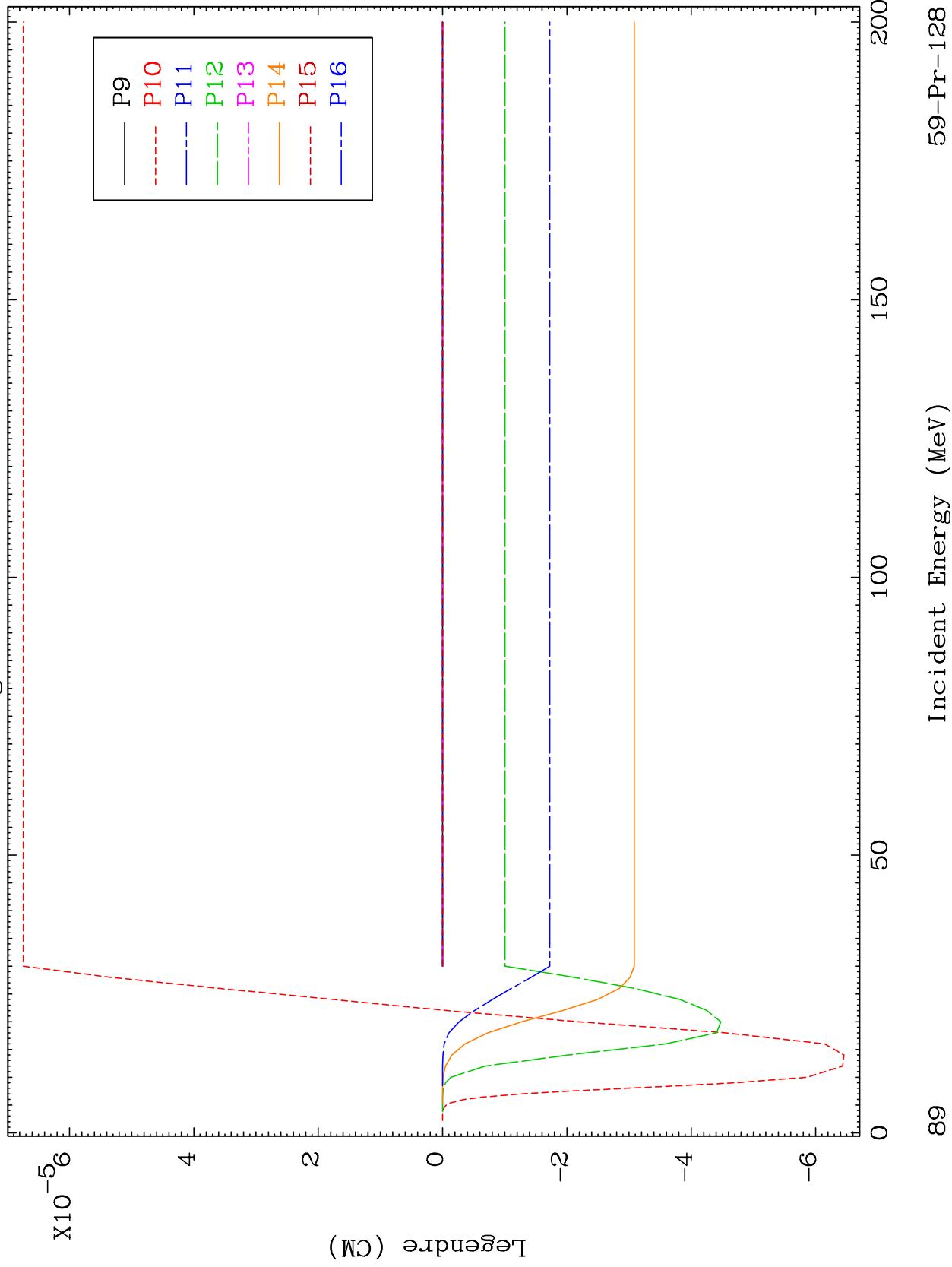
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

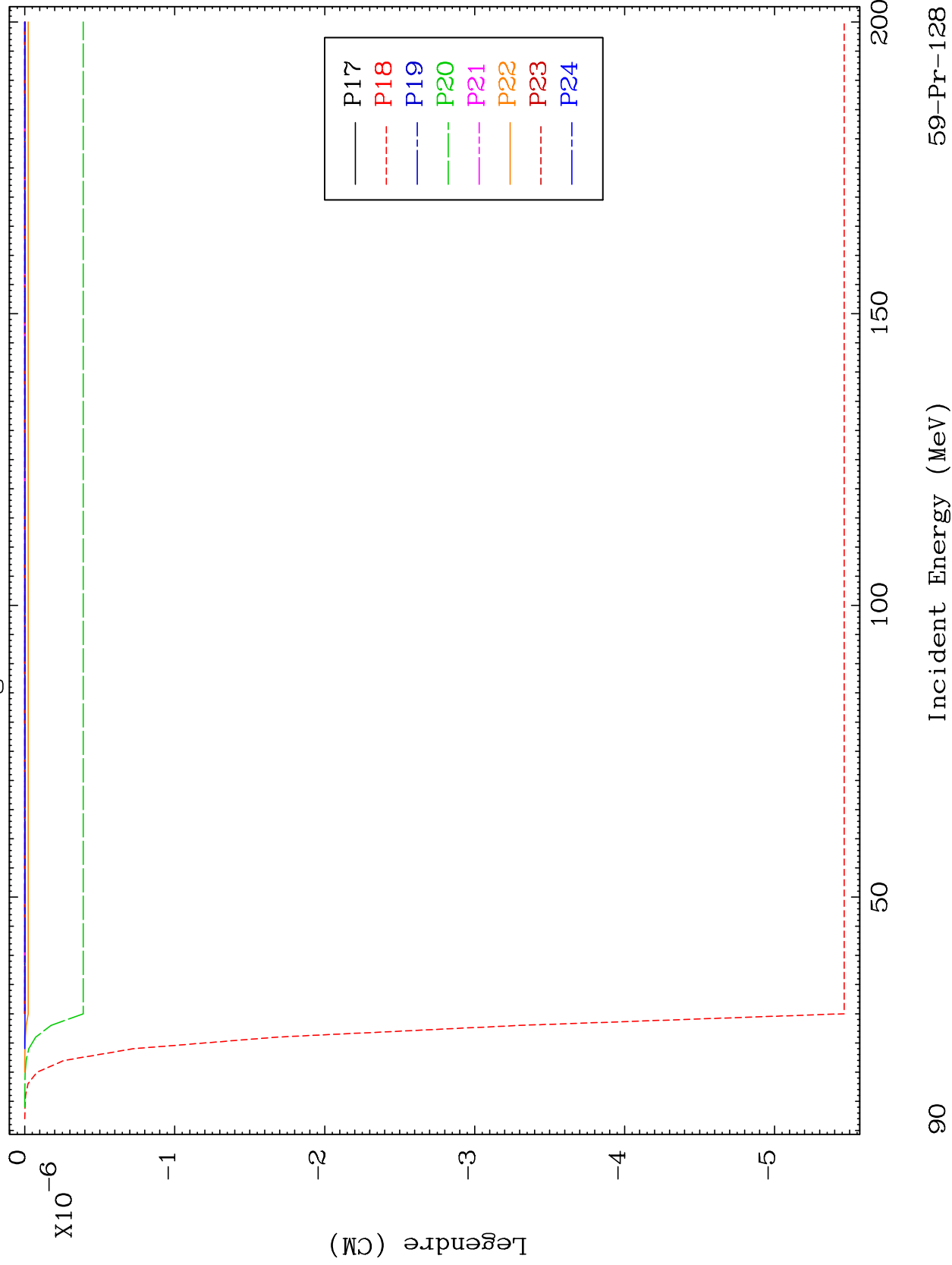
Incident Energy (MeV)

89

MAT 5886

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

59-Pr-128



59-Pr-128

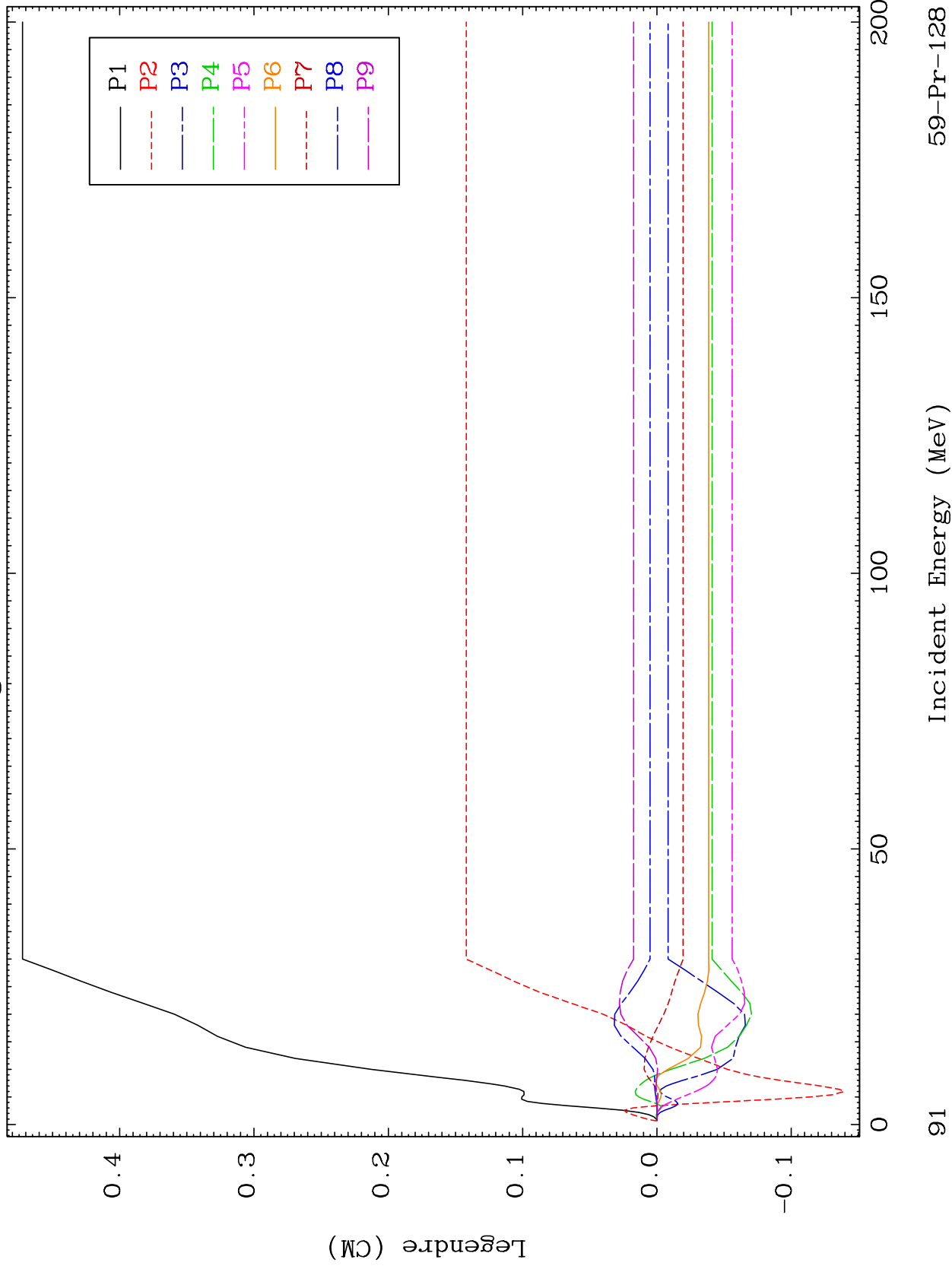
Incident Energy (MeV)

90

MAT 5886

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

59-Pr-128



59-Pr-128

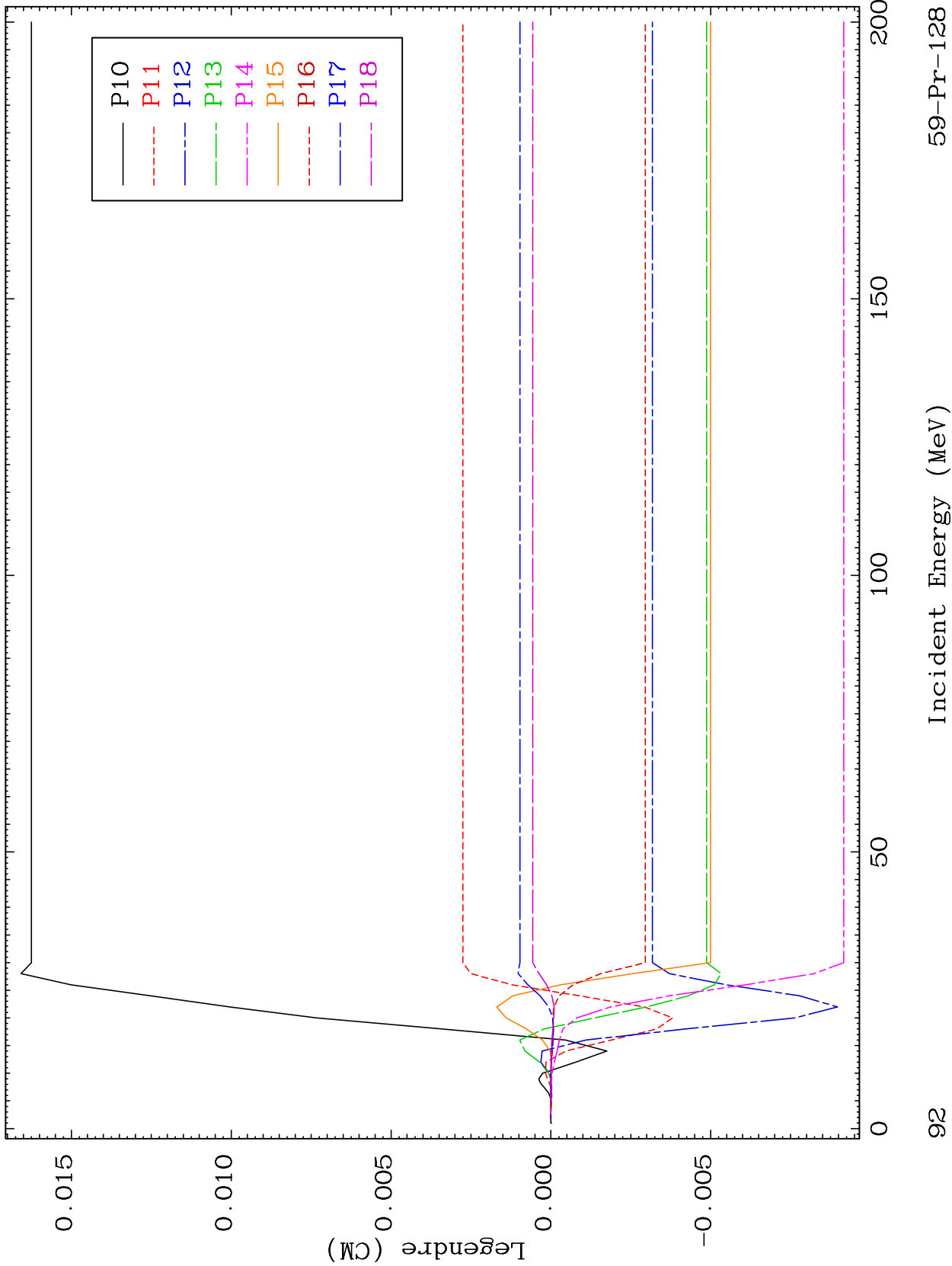
Incident Energy (MeV)

91

MAT 5886

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

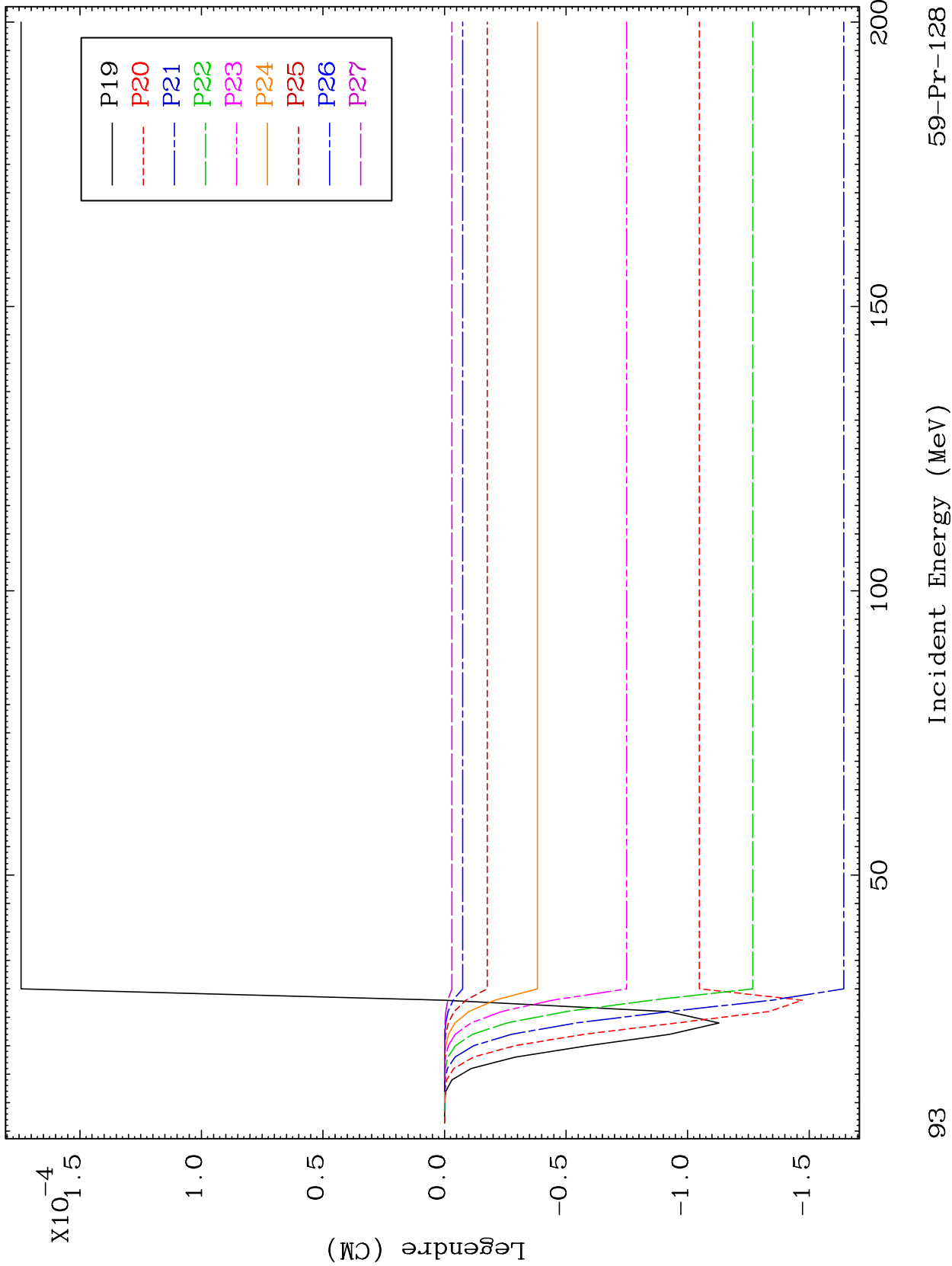
59-Pr-128

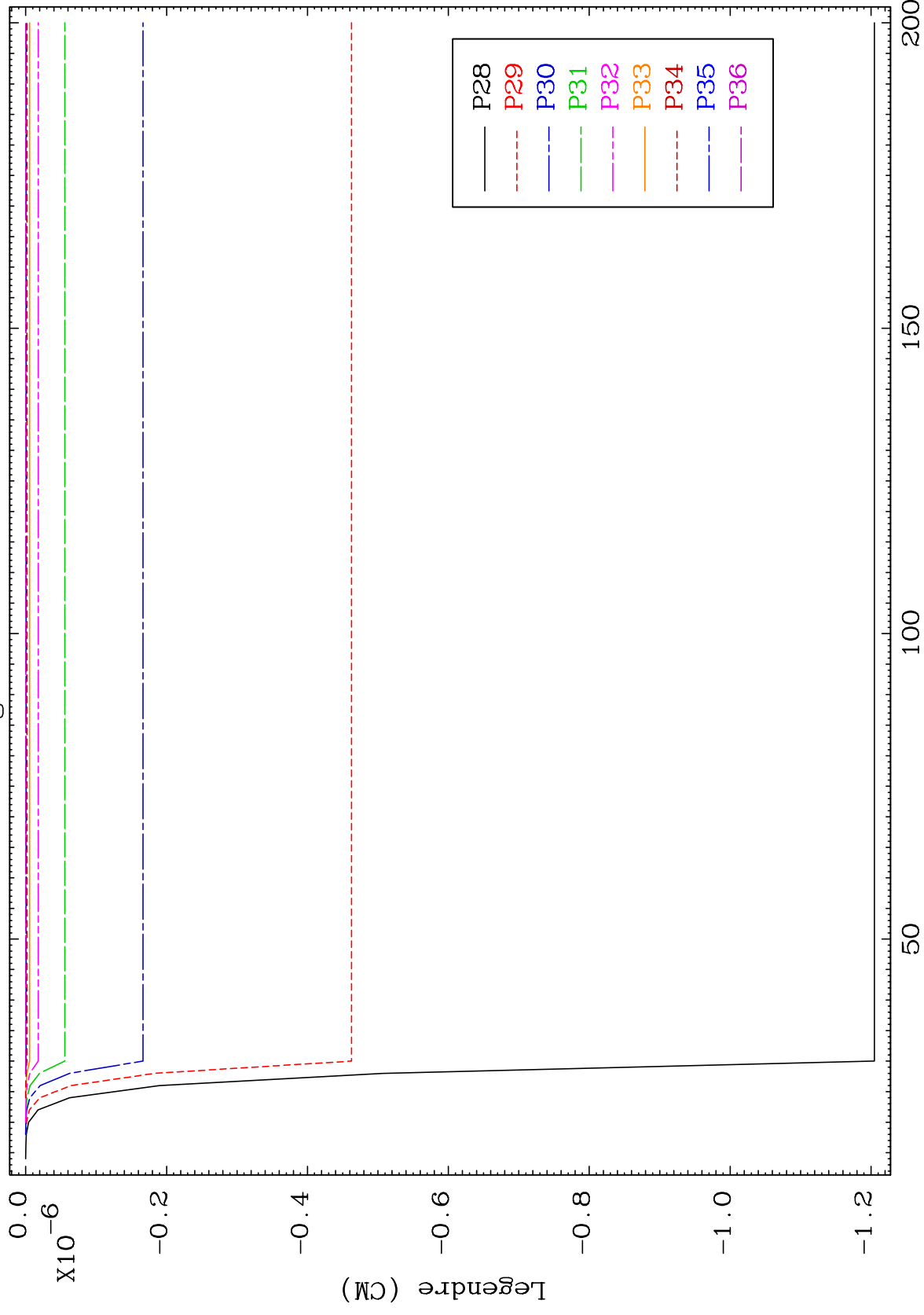


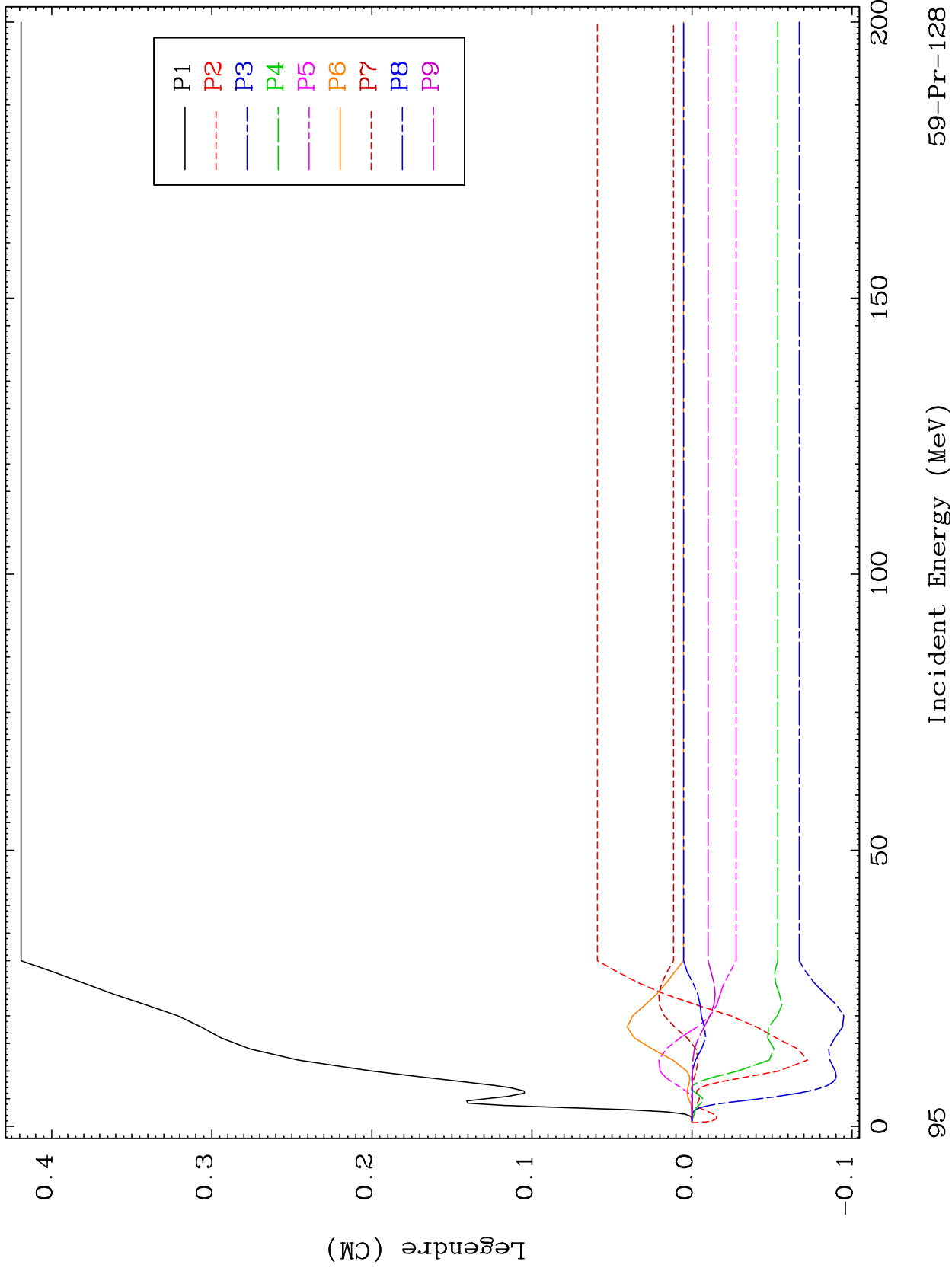
59-Pr-128

Incident Energy (MeV)

92



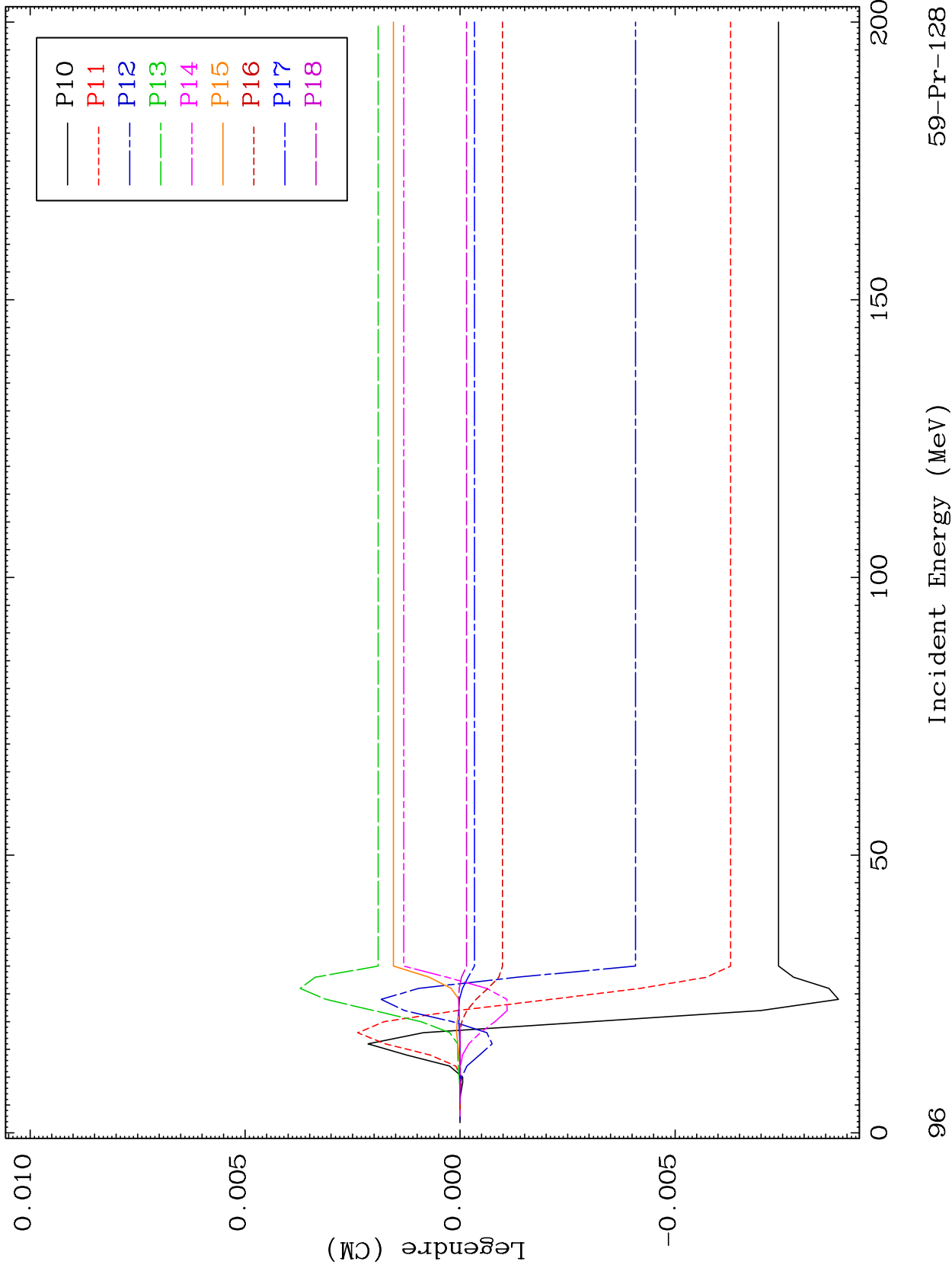




MAT 5886

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

59-Pr-128



96

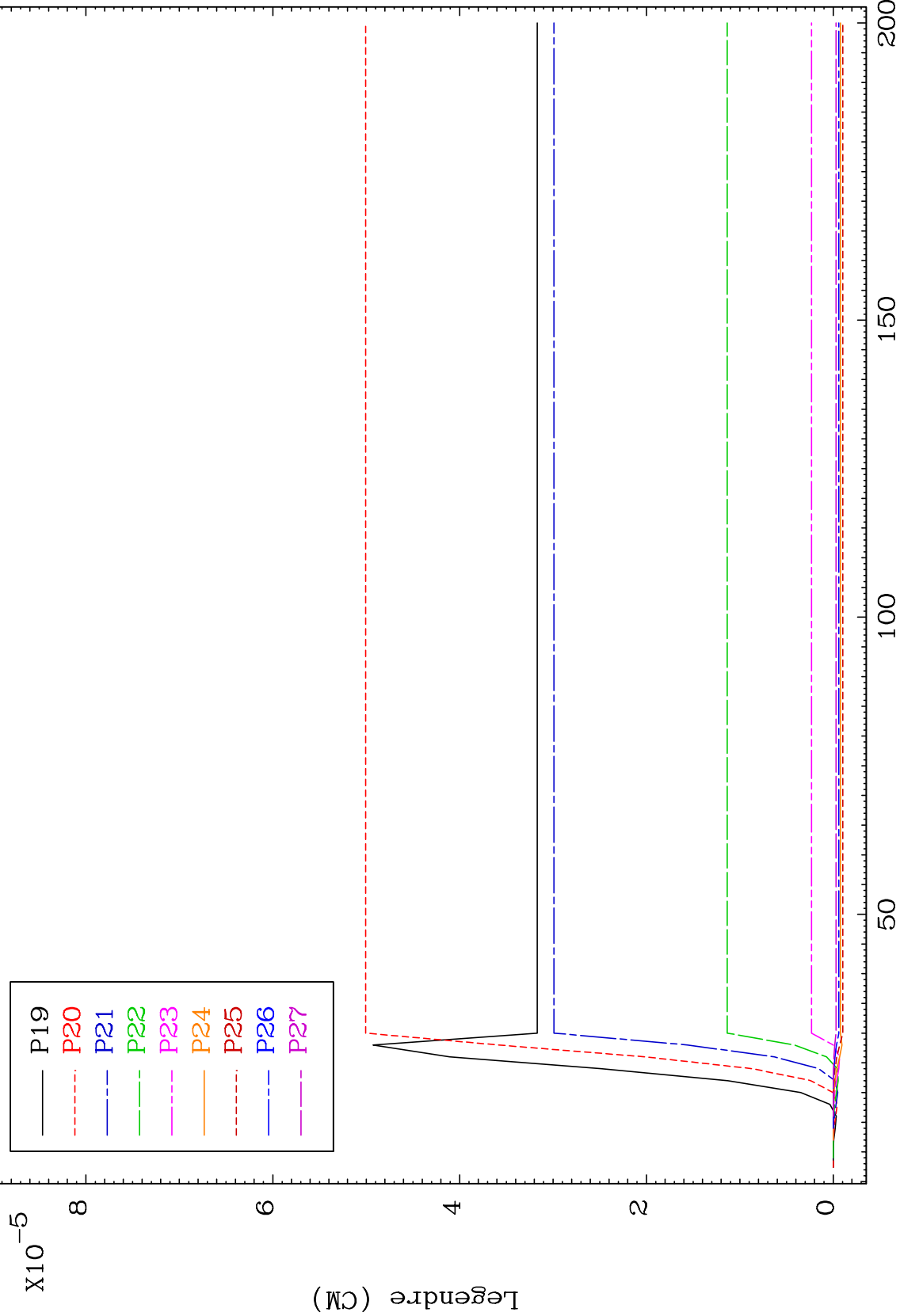
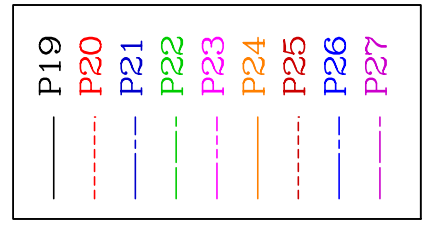
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



97

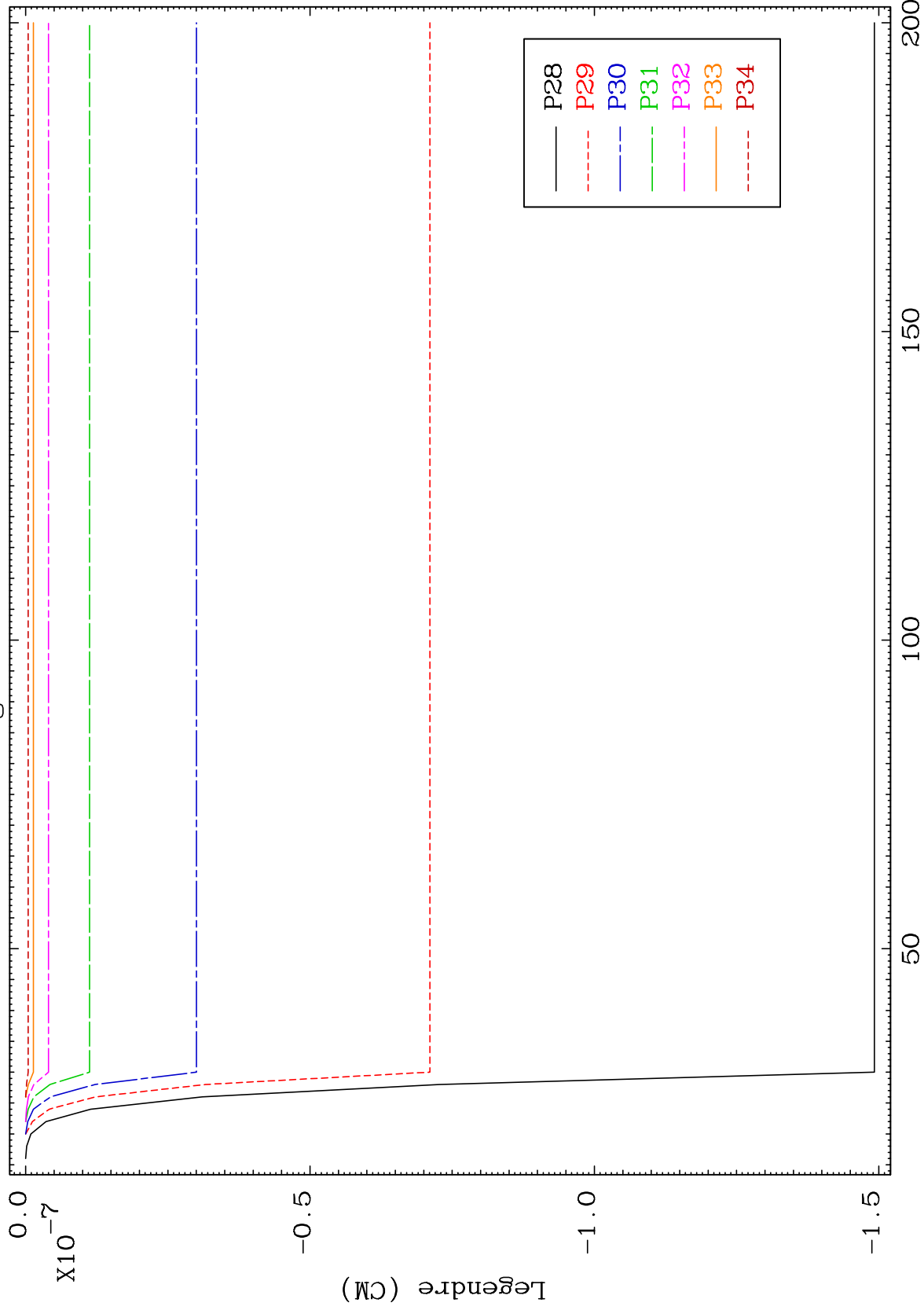
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



98

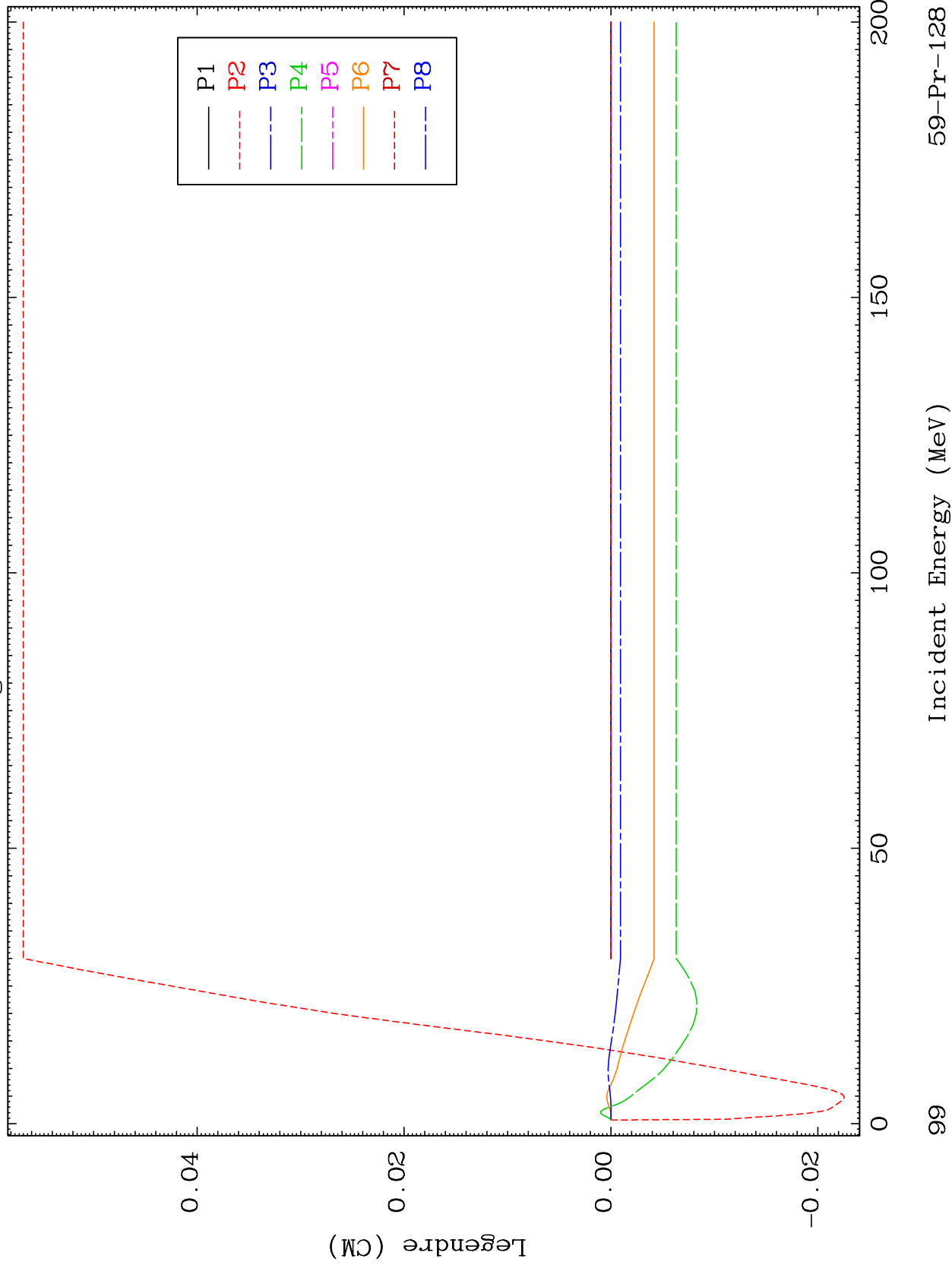
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

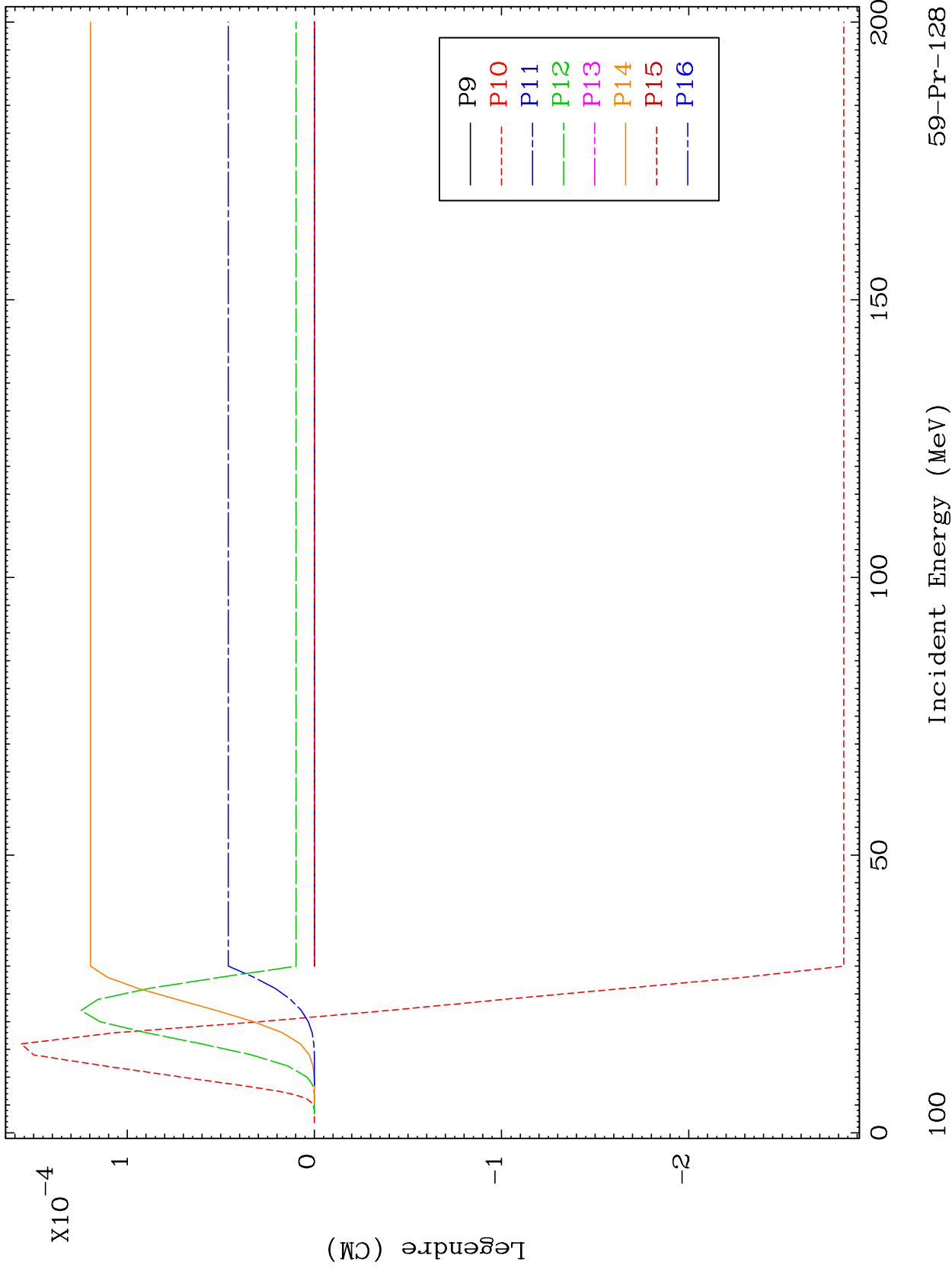
Incident Energy (MeV)

99

MAT 5886

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

59-Pr-128



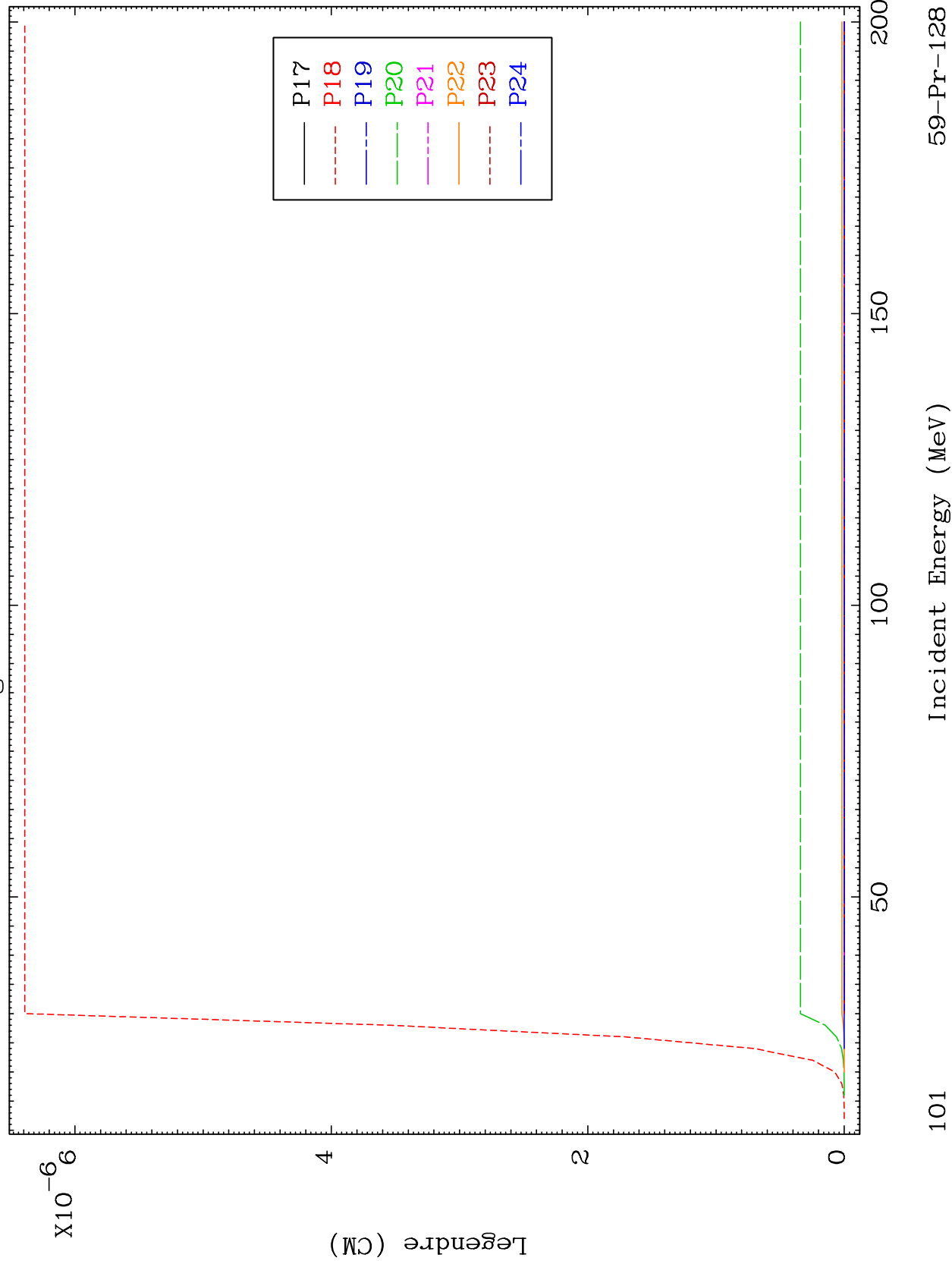
59-Pr-128

Incident Energy (MeV)

MAT 5886

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

59-Pr-128



101

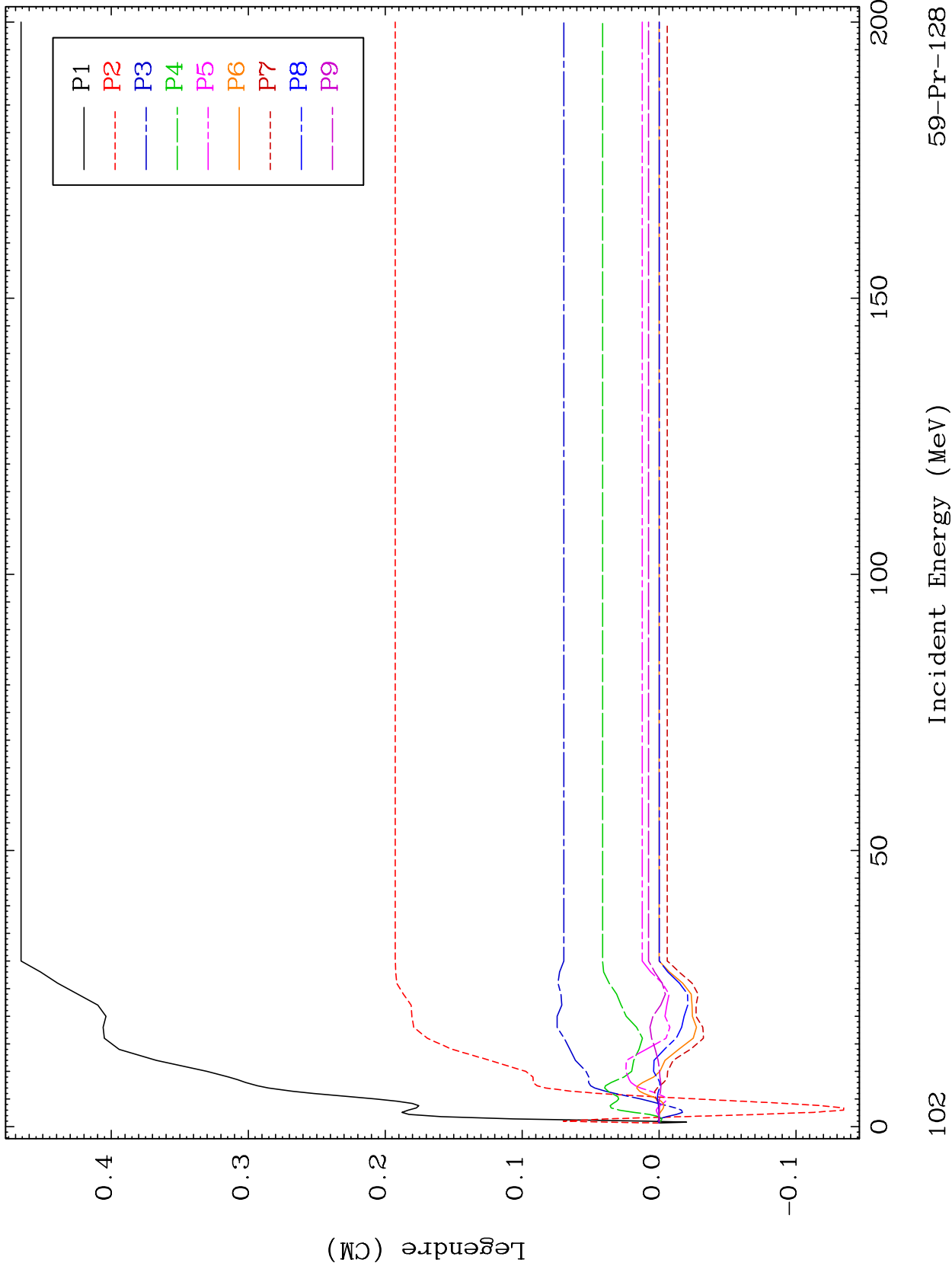
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

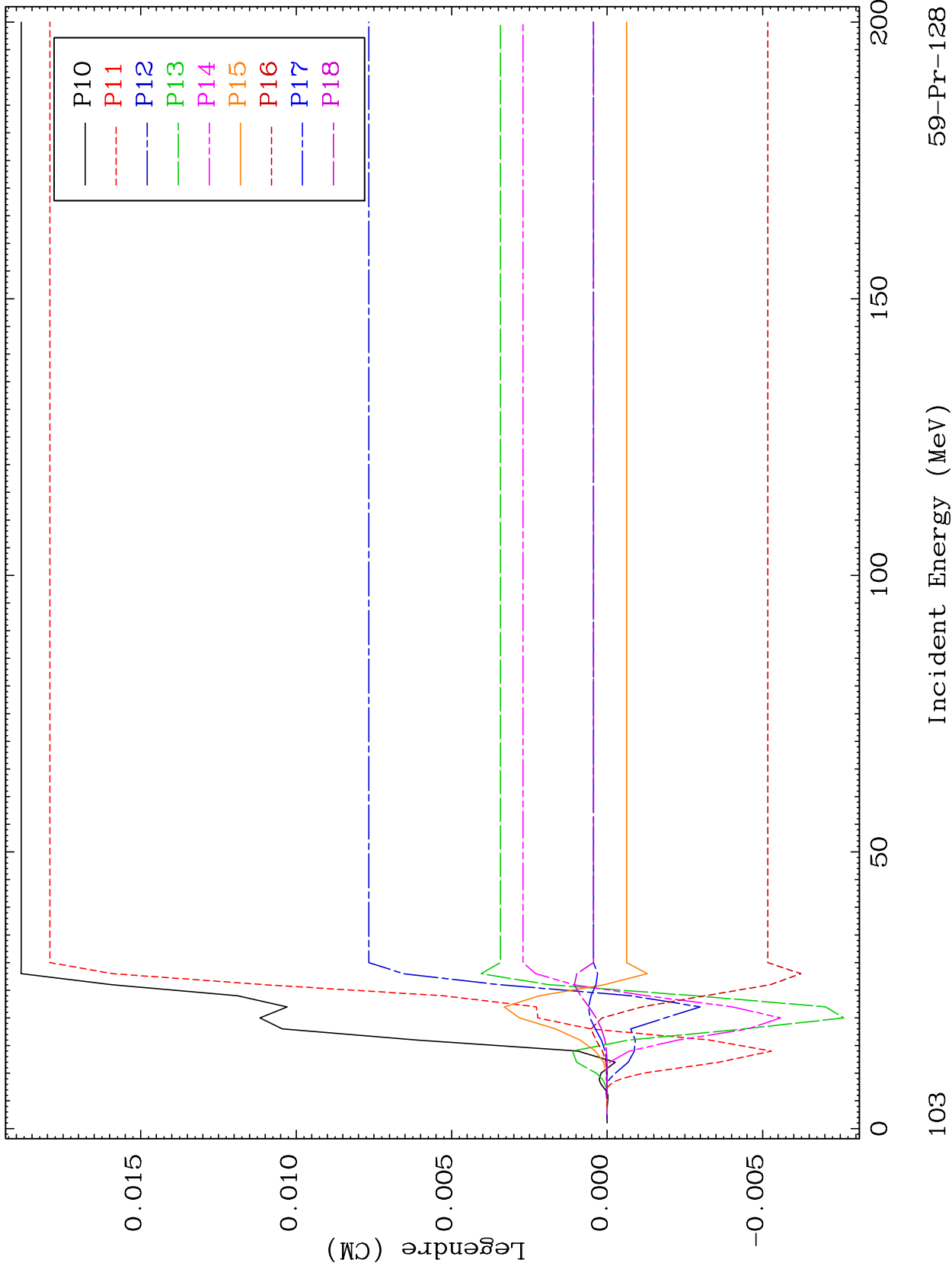
Incident Energy (MeV)

102

MAT 5886

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

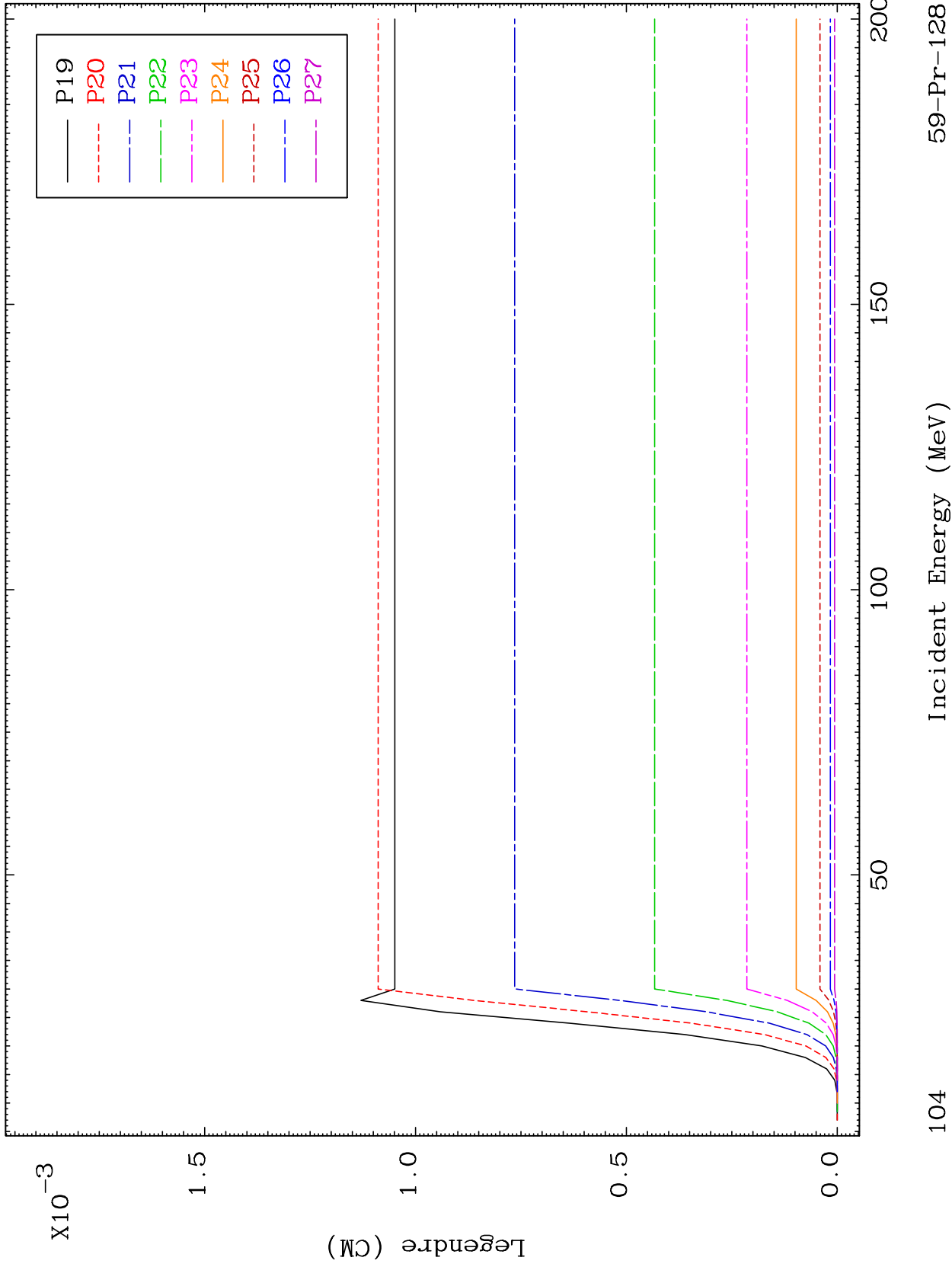
59-Pr-128



59-Pr-128

Incident Energy (MeV)

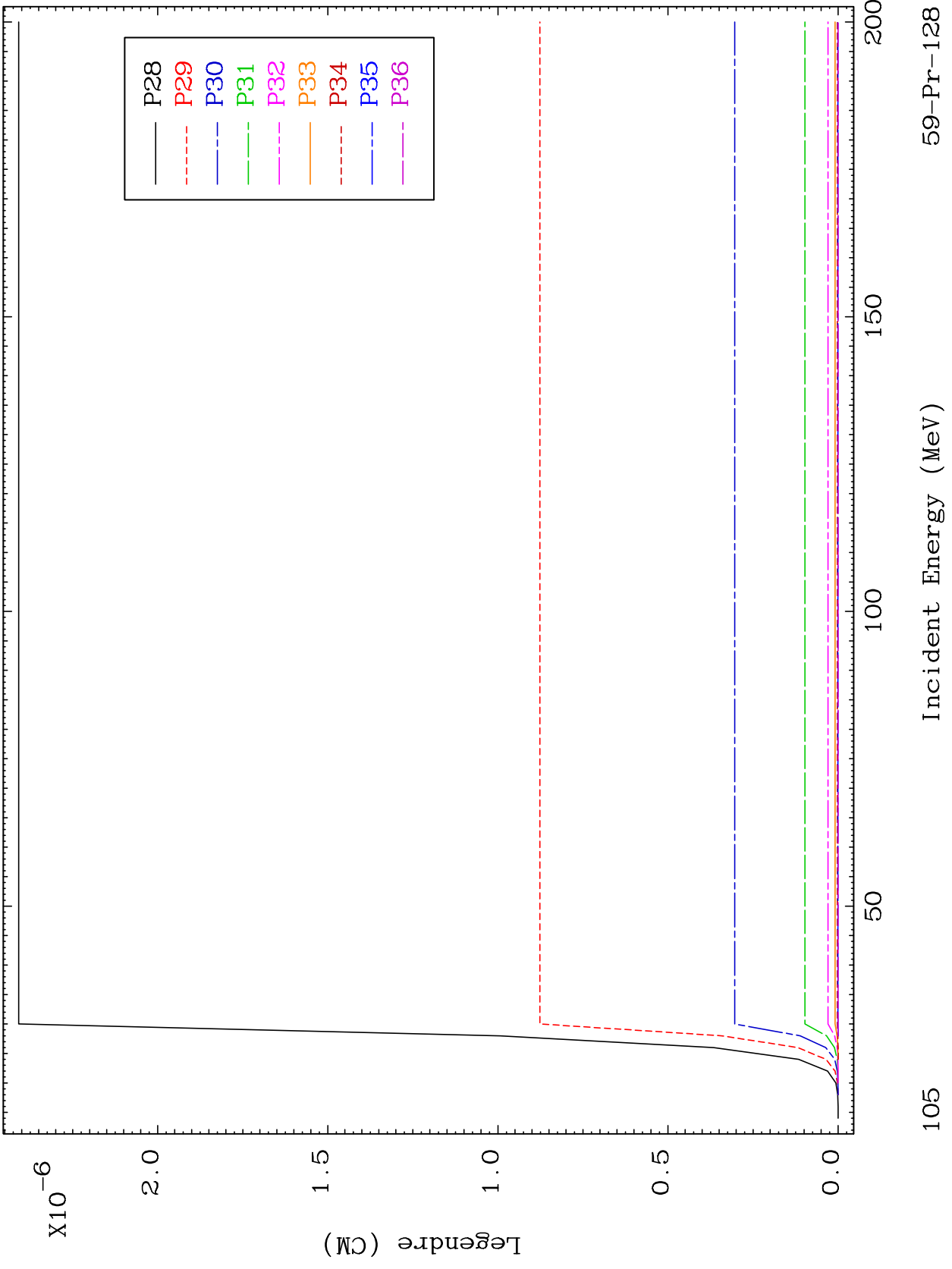
103



MAT 5886

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

59-Pr-128



59-Pr-128

Incident Energy (MeV)

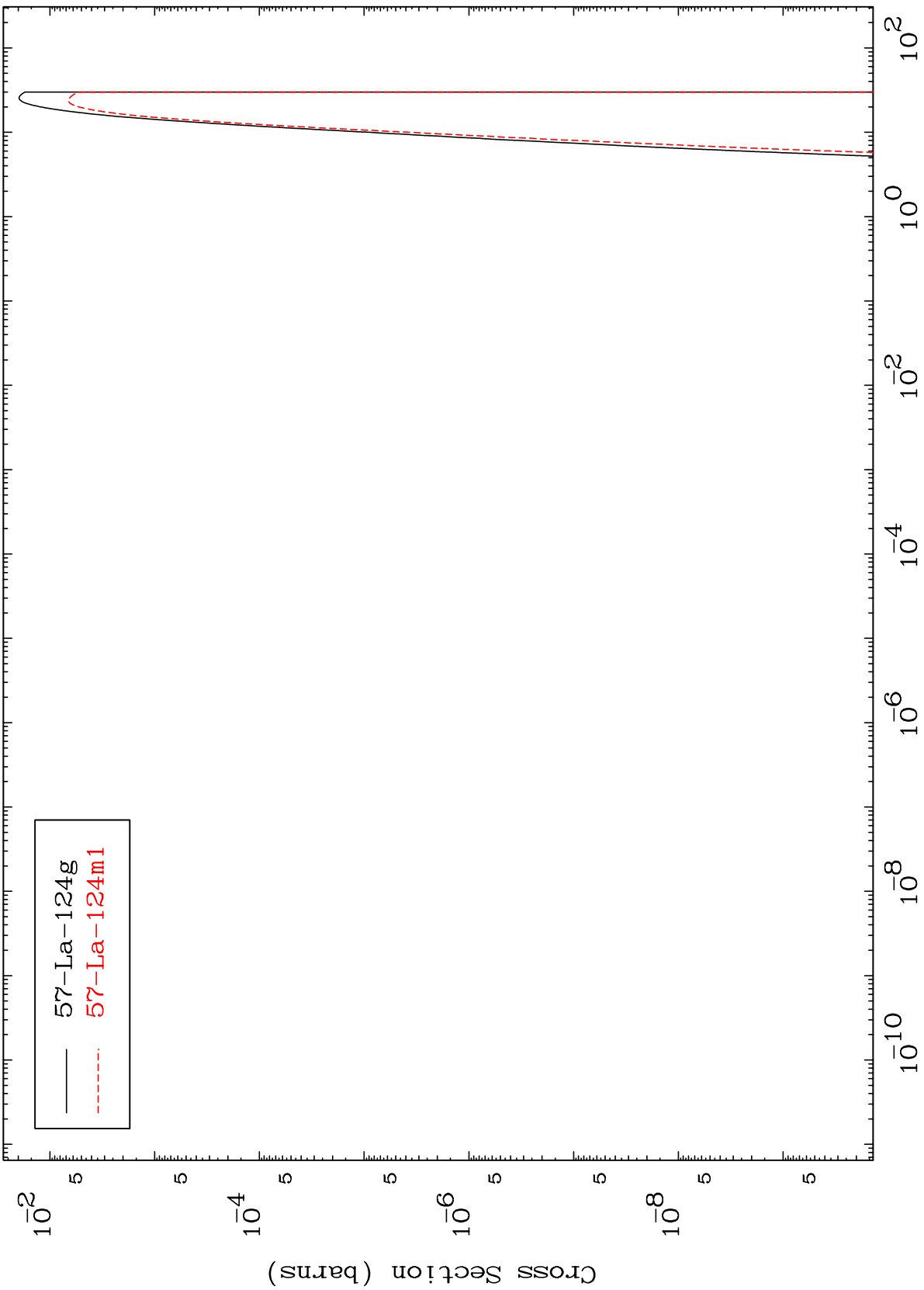
105

MAT 5886

$(n, n') \alpha$

59-Pr-128

Radionuclide Production Cross Section



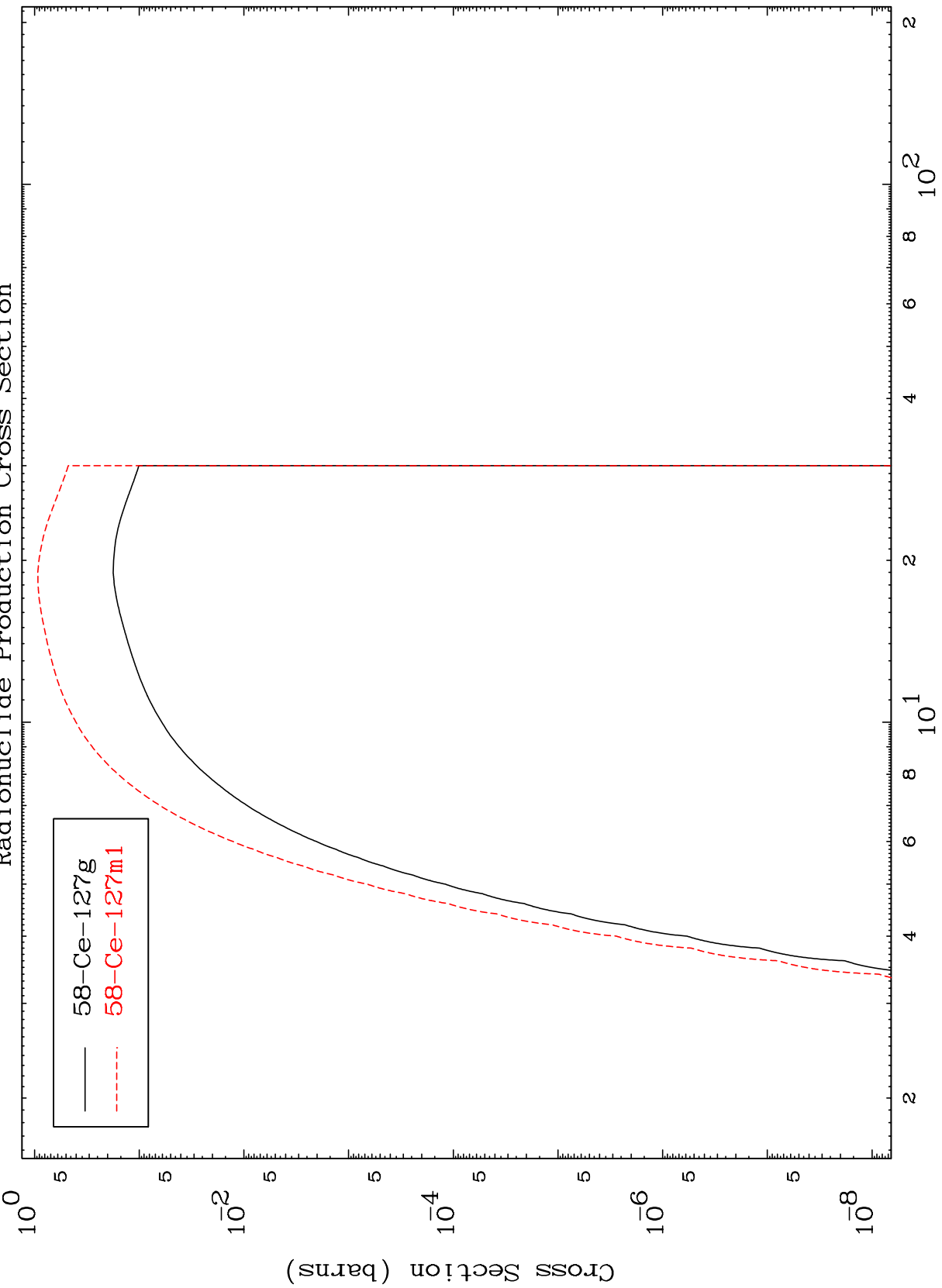
57-La-124g
57-La-124m1

MAT 5886

(n,n') p

59-Pr-128

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

107

Incident Energy (MeV)

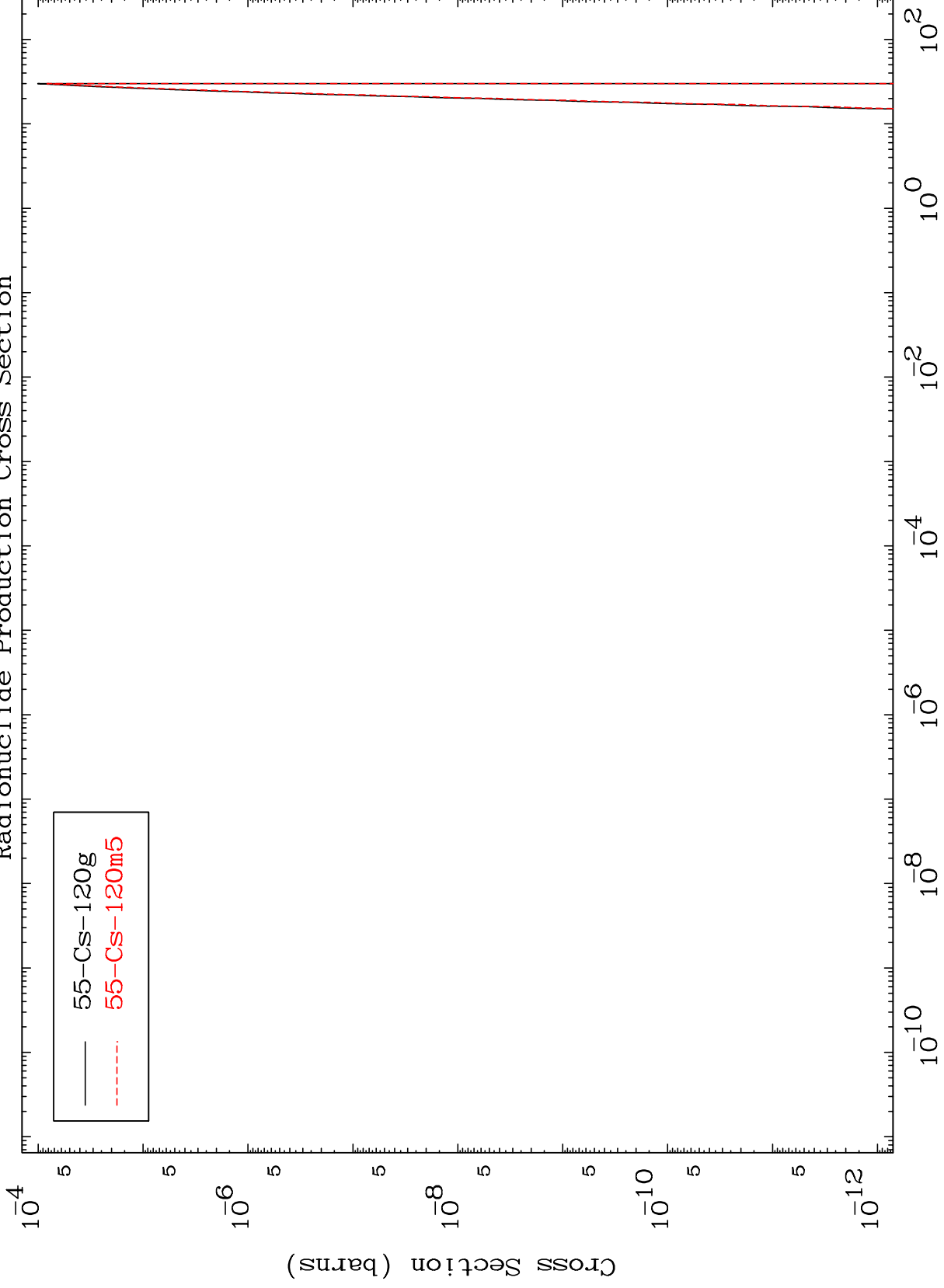
59-Pr-128

MAT 5886

(n,n') 2α

59-Pr-128

Radionuclide Production Cross Section



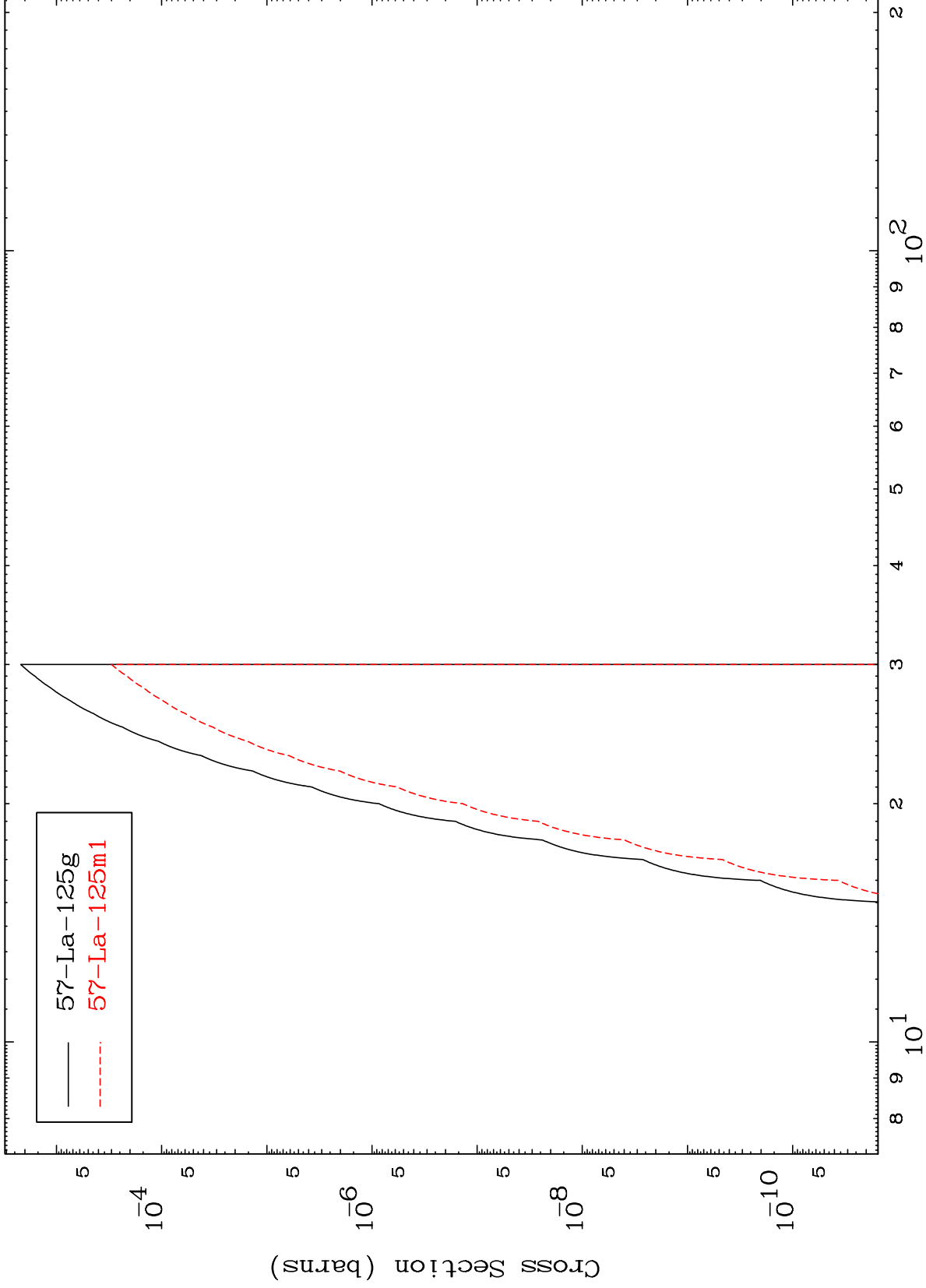
55-Cs-120g
55-Cs-120m5

MAT 5886

(n,n') He-3

59-Pr-128

Radionuclide Production Cross Section



57-La-125g
57-La-125m1

109

Incident Energy (MeV)

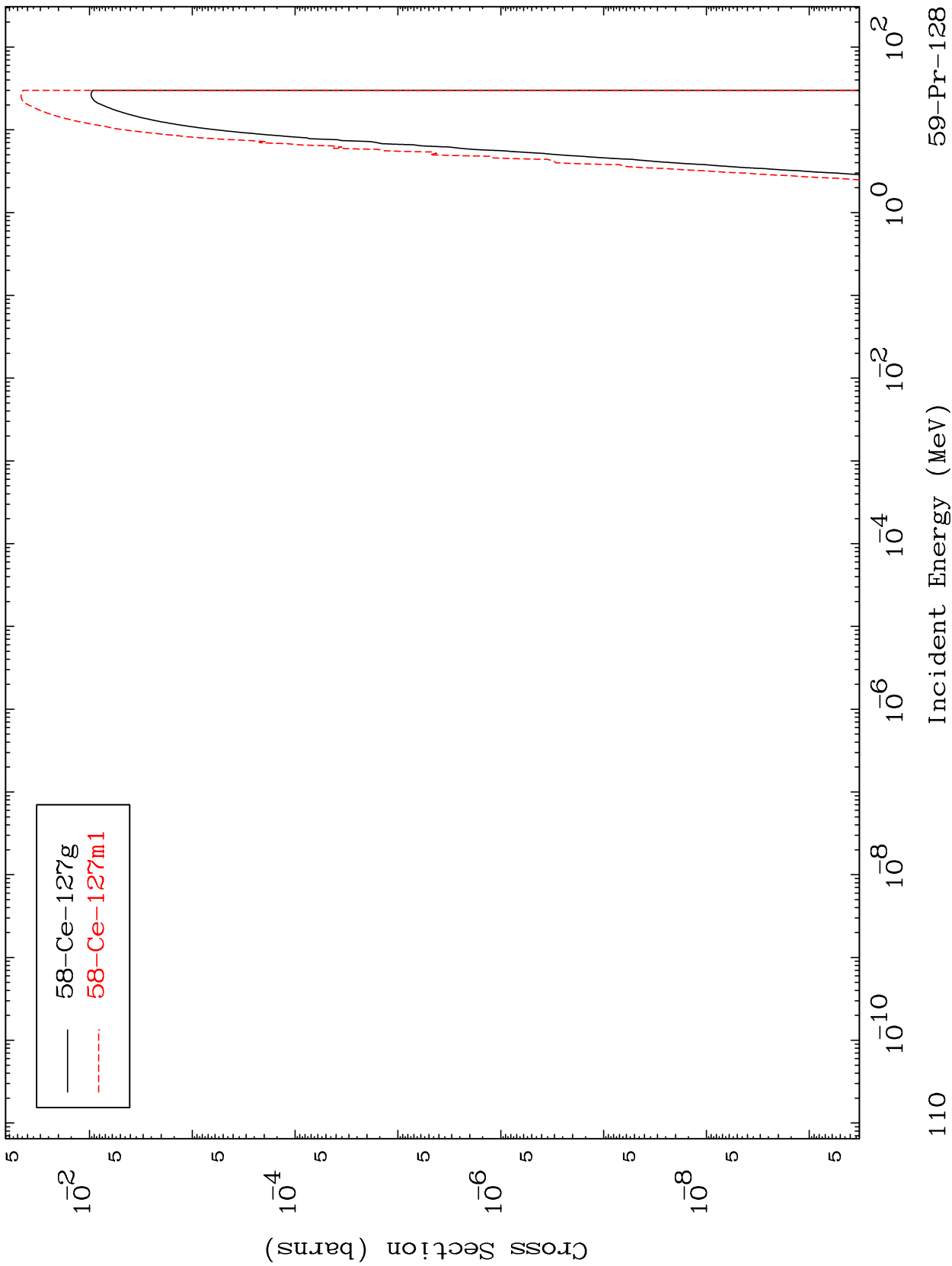
59-Pr-128

MAT 5886

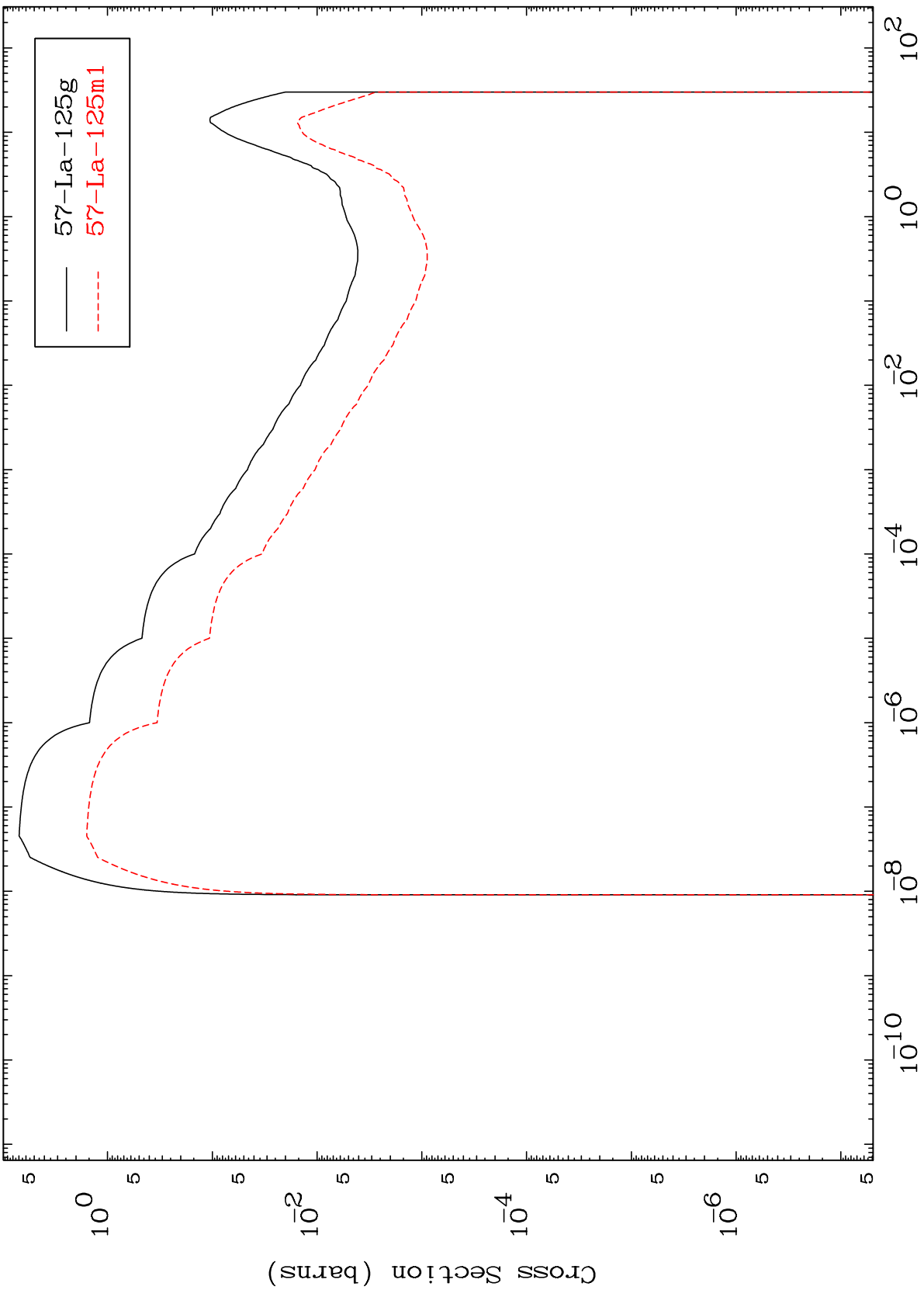
(n,d)

59-Pr-128

Radionuclide Production Cross Section



(n, α)
Radionuclide Production Cross Section



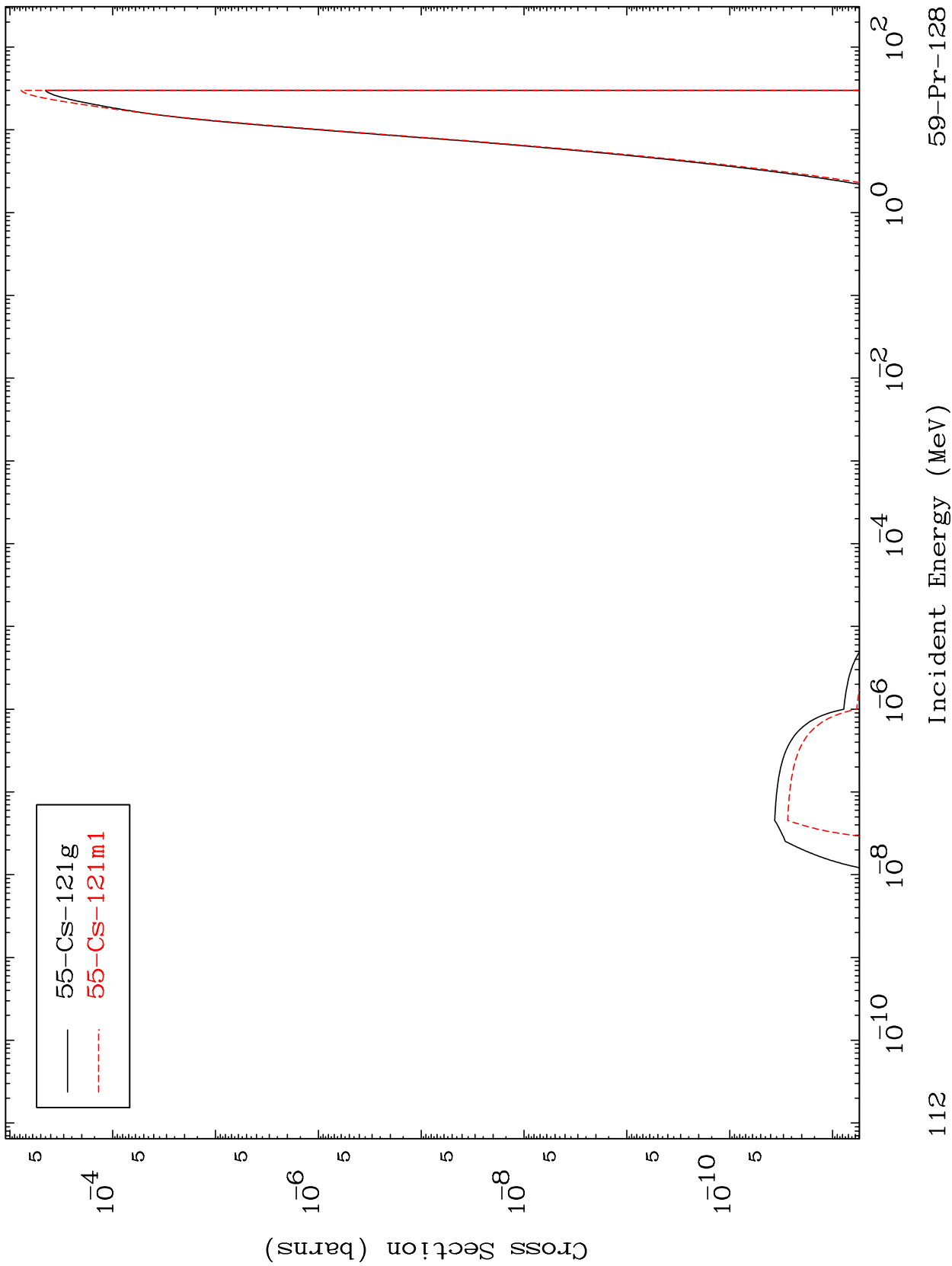
— 57-La-125g
- - - 57-La-125m1

MAT 5886

(n,2α)

59-Pr-128

Radionuclide Production Cross Section

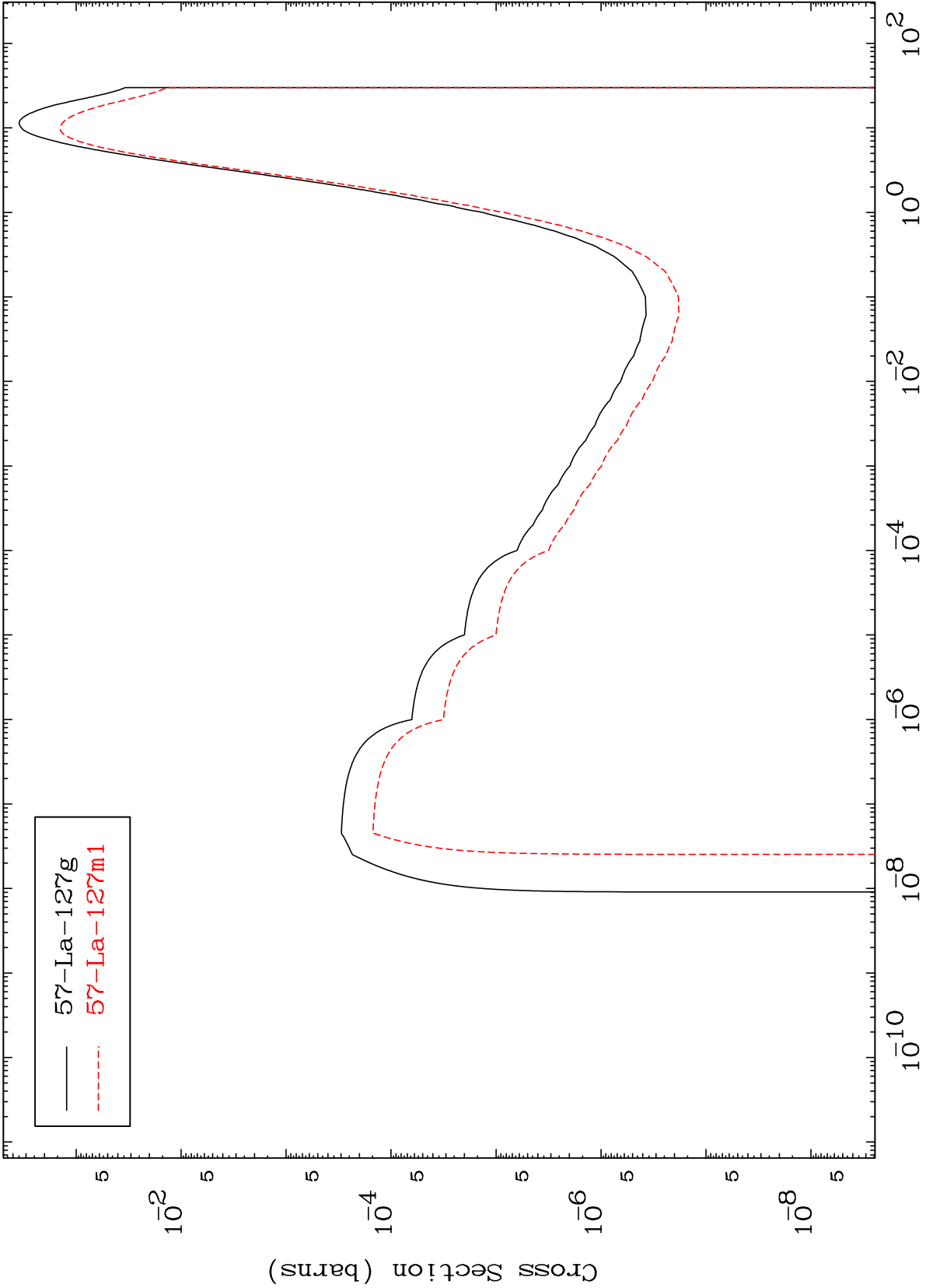


MAT 5886

(n,2p)

59-Pr-128

Radionuclide Production Cross Section

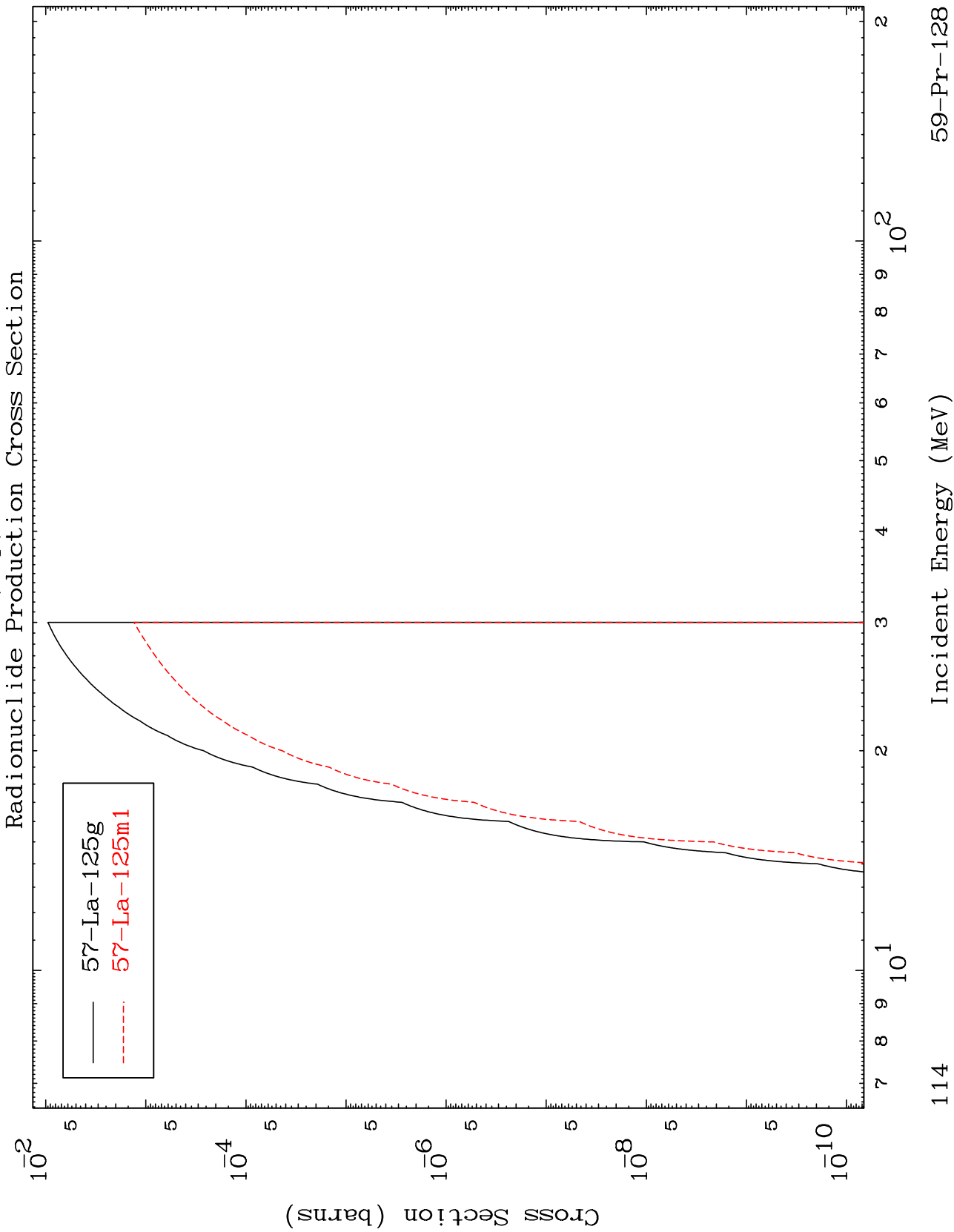


— 57-La-127g
- - - 57-La-127m1

MAT 5886

(n,p) t

59-Pr-128



114

59-Pr-128