

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

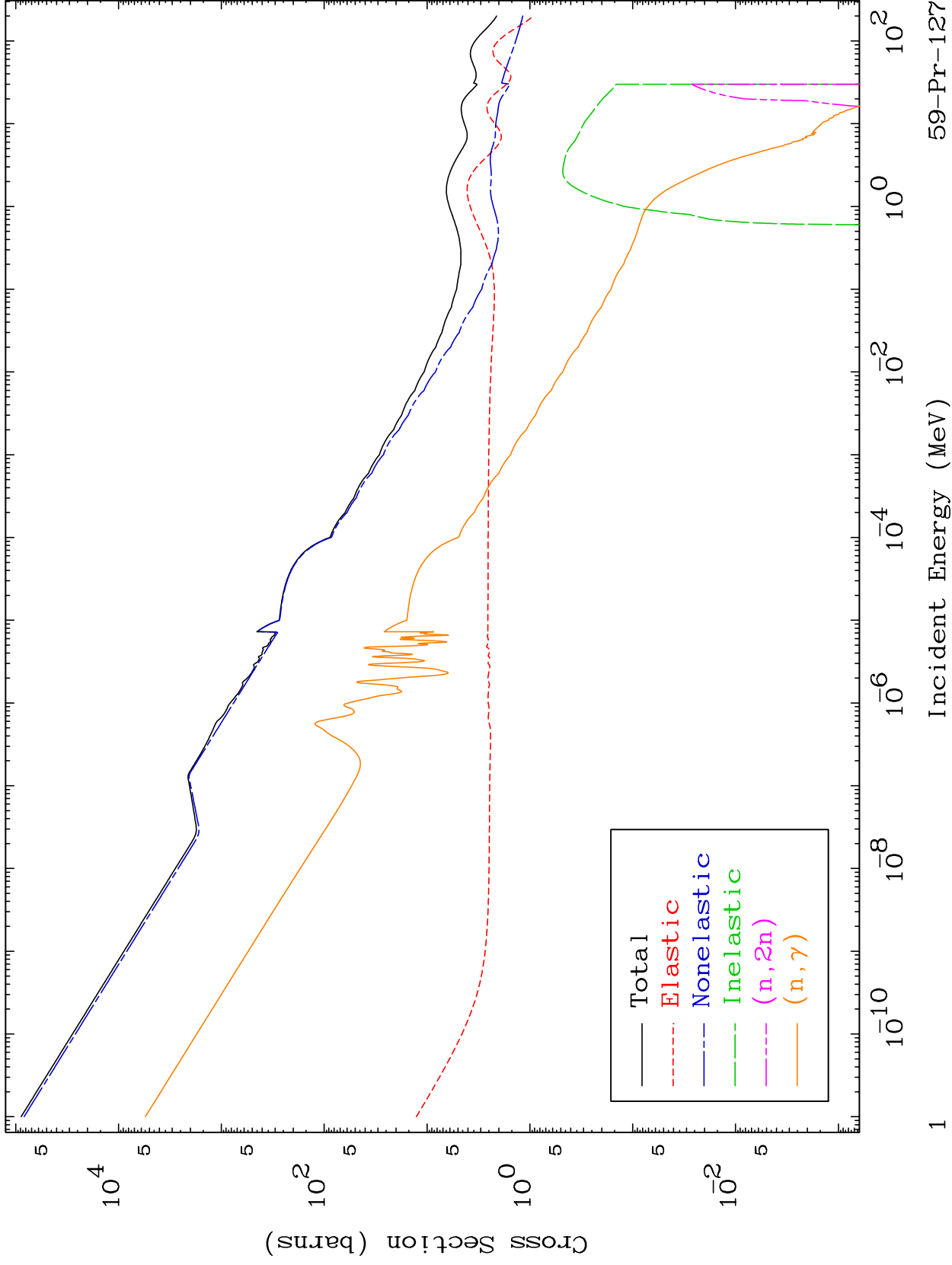
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Press Mouse Button to Start

MAT 5883

Neutron Major
293 Kelvin Cross Sections

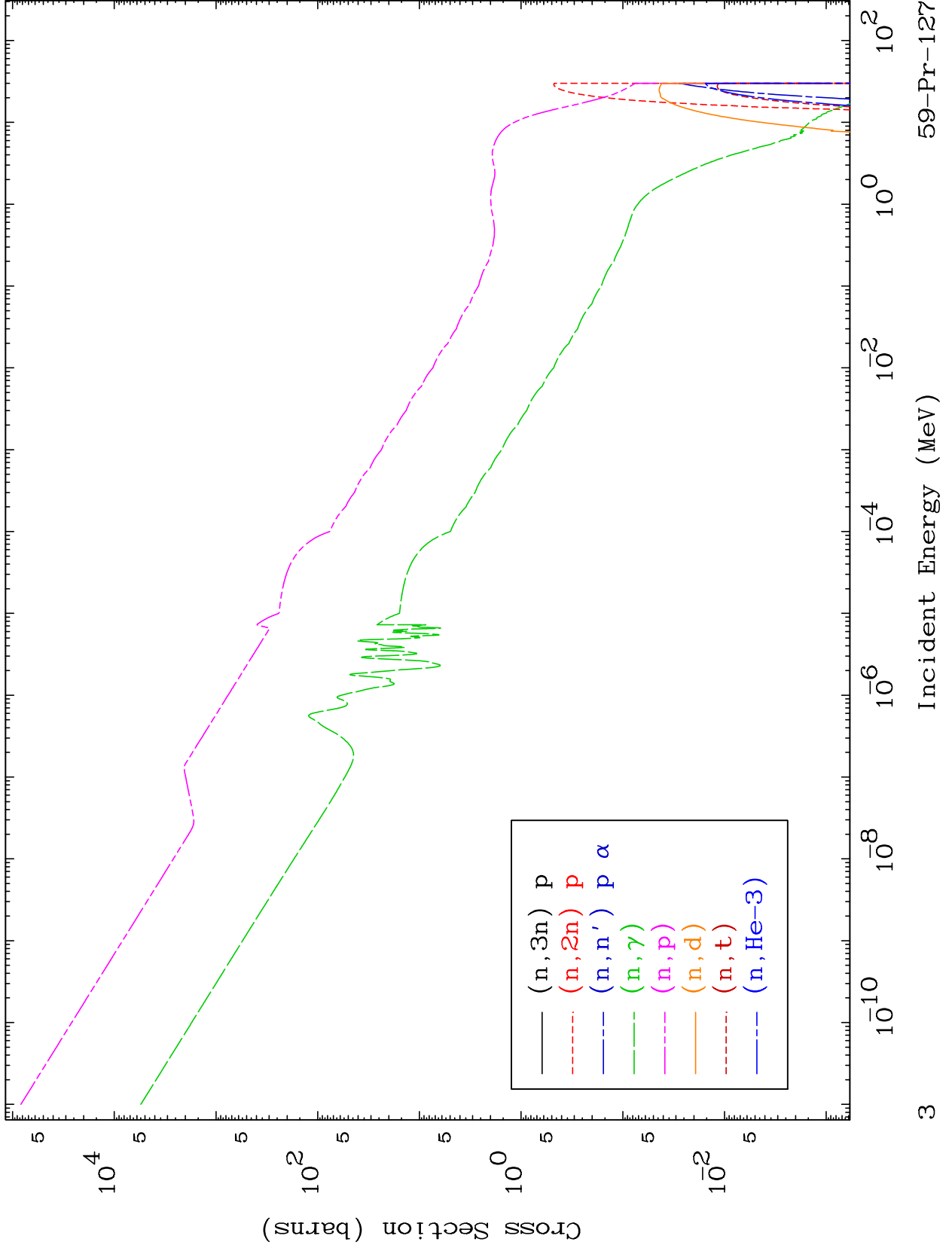
59-Pr-127

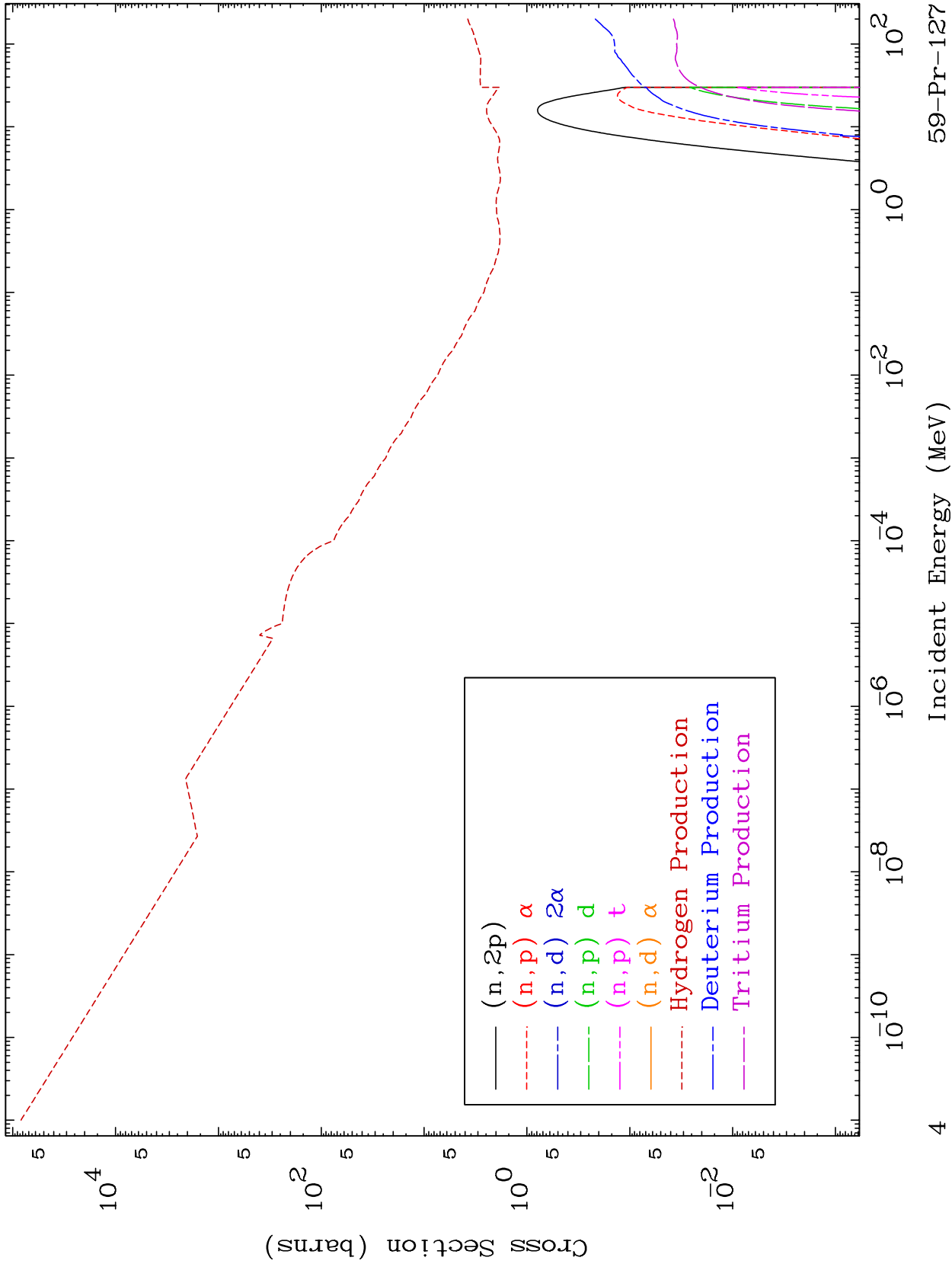


MAT 5883

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-127

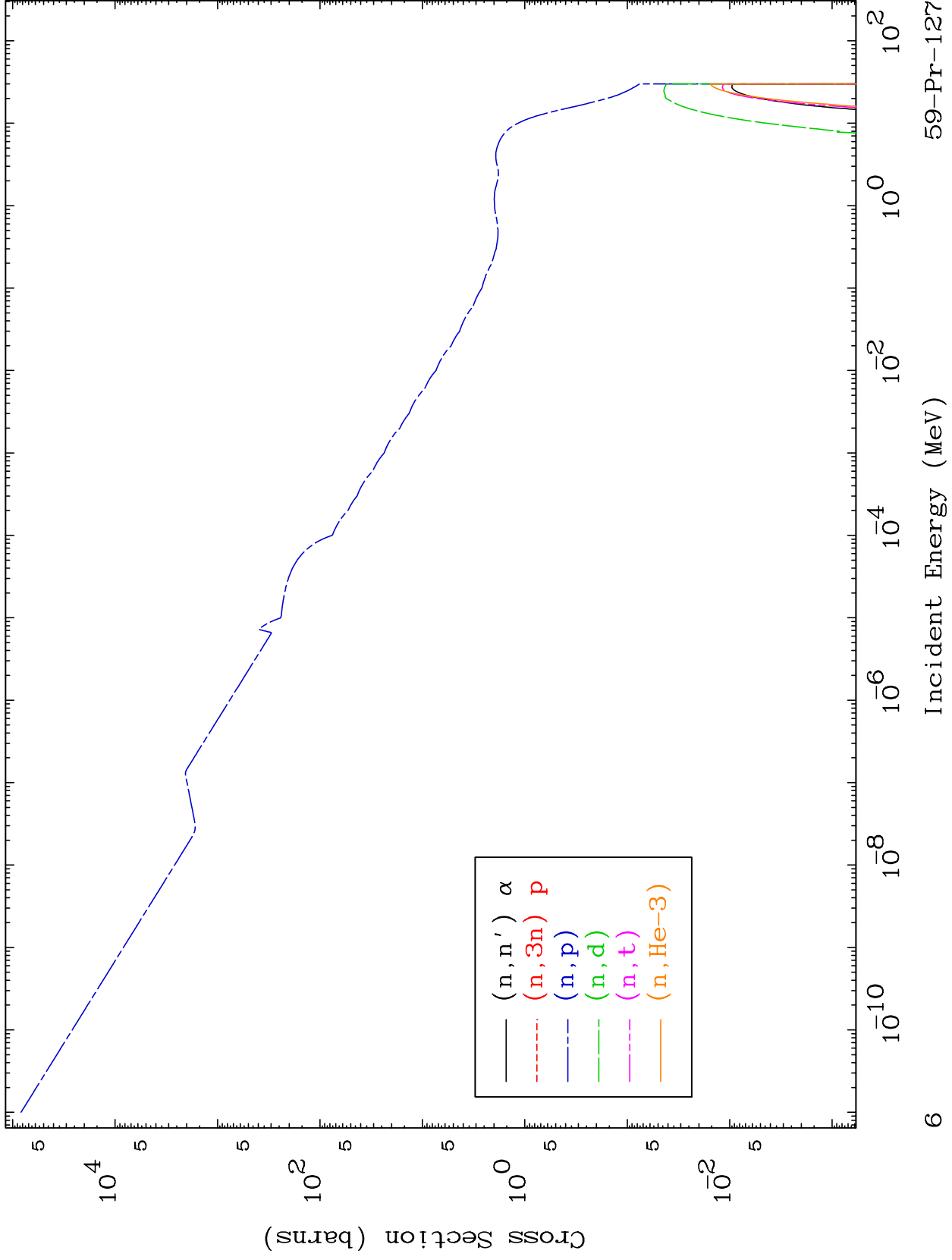




MAT 5883

Charged Particle
293 Kelvin Cross Sections

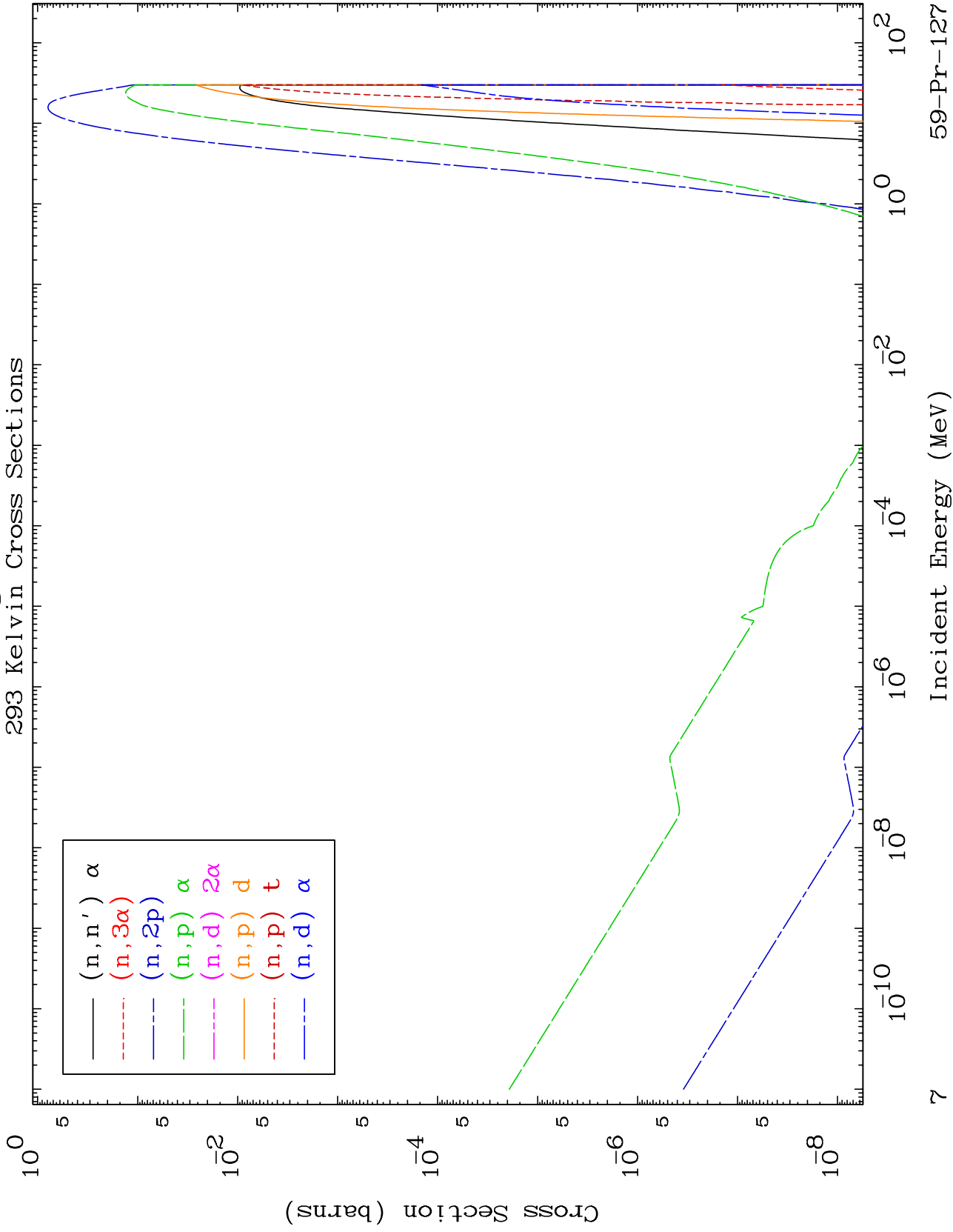
59-Pr-127



MAT 5883

Charged Particle
293 Kelvin Cross Sections

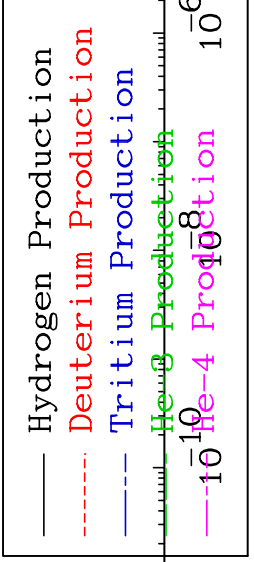
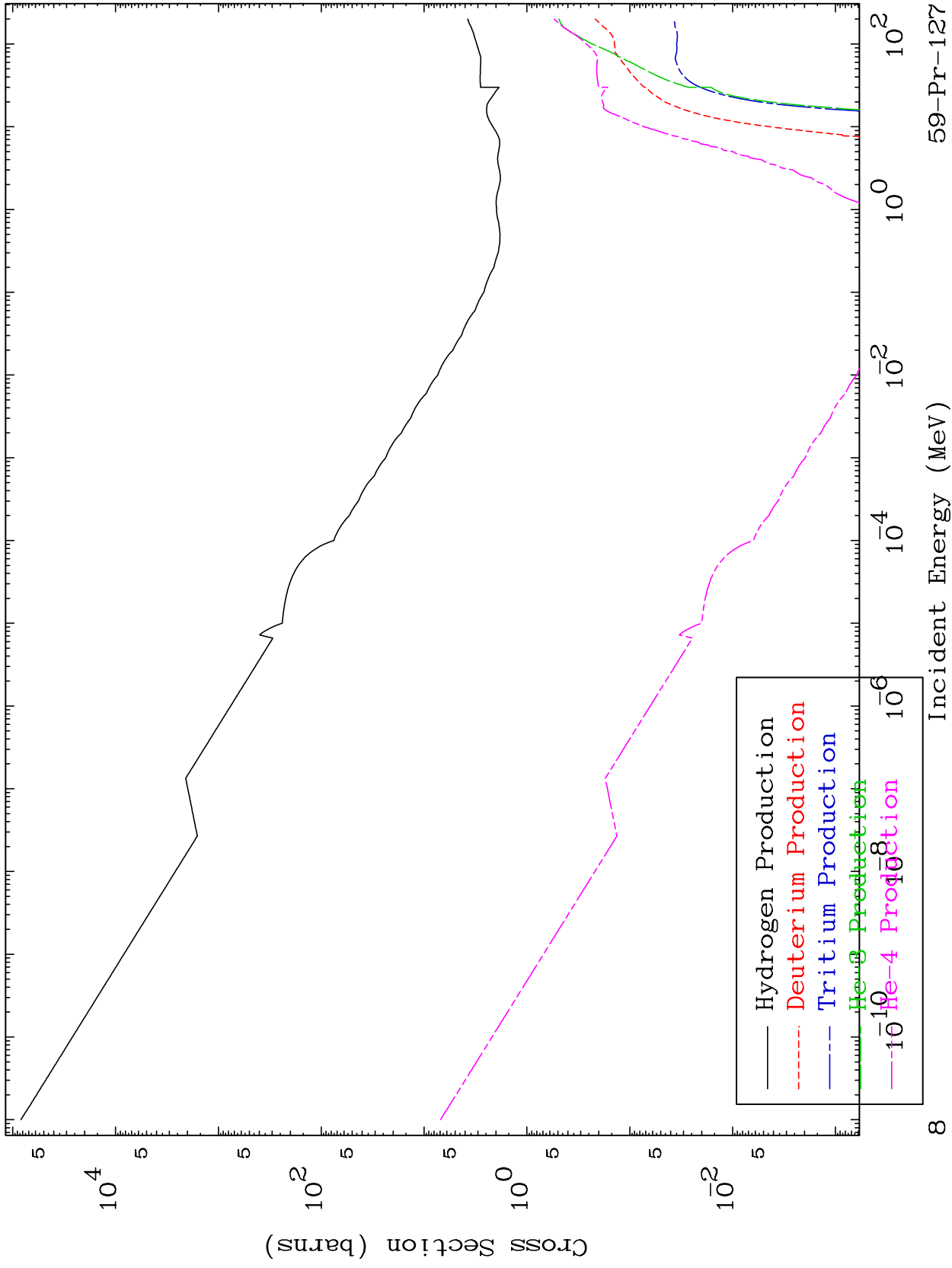
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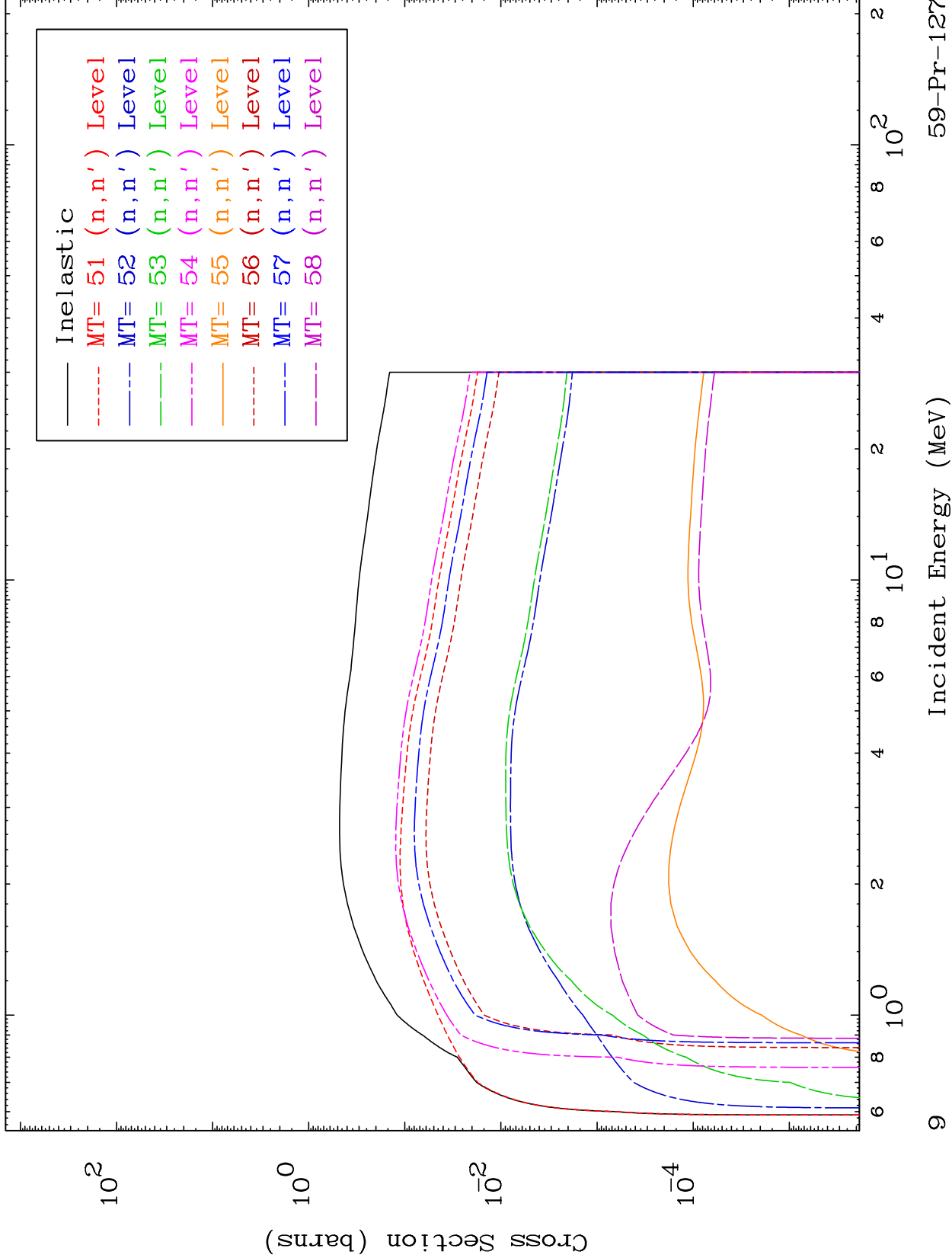


MAT 5883

Particle Production
293 Kelvin Cross Sections

59-Pr-127



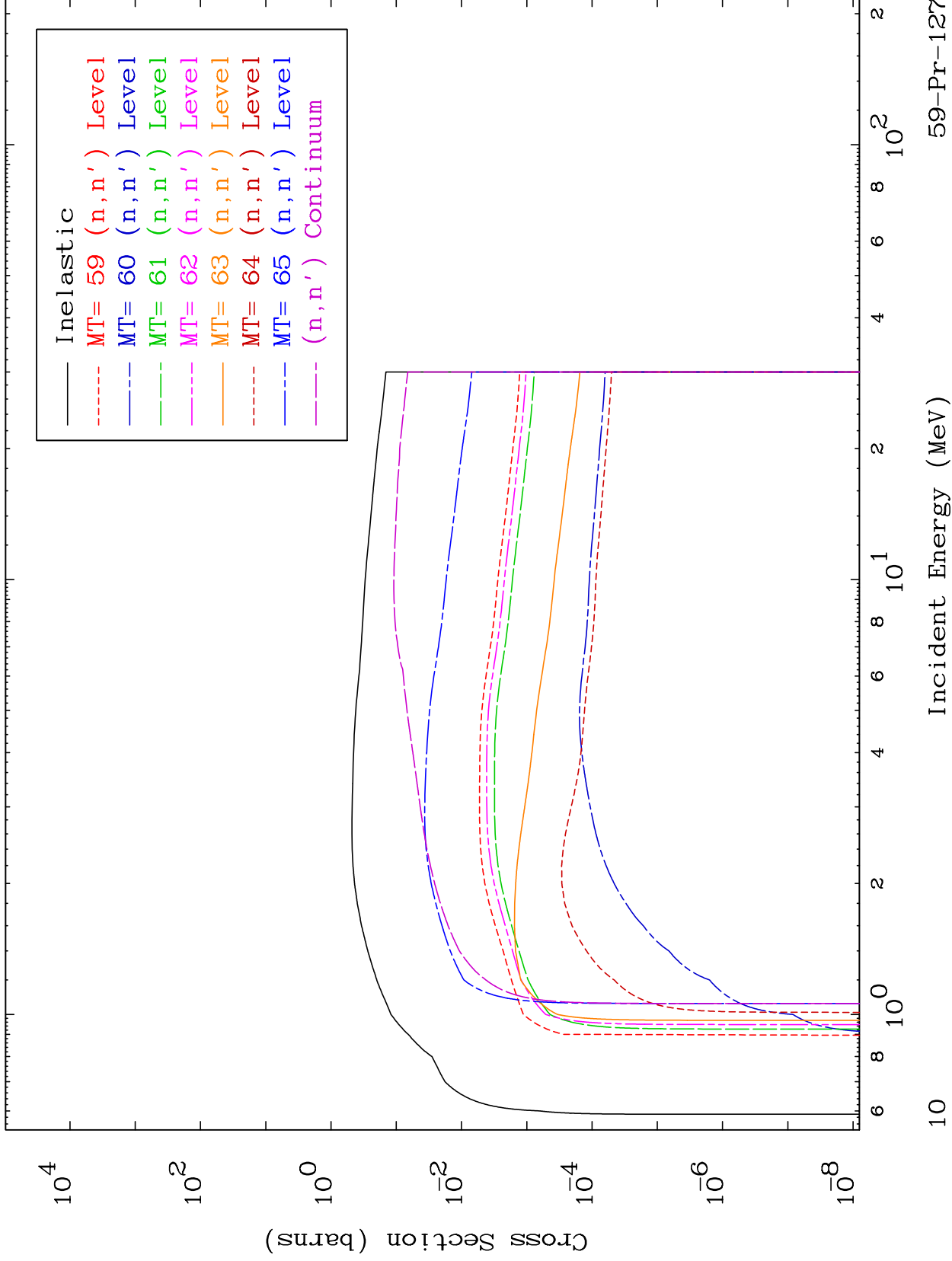


MAT 5883

(n,n') Levels

59-Pr-127

293 Kelvin Cross Sections



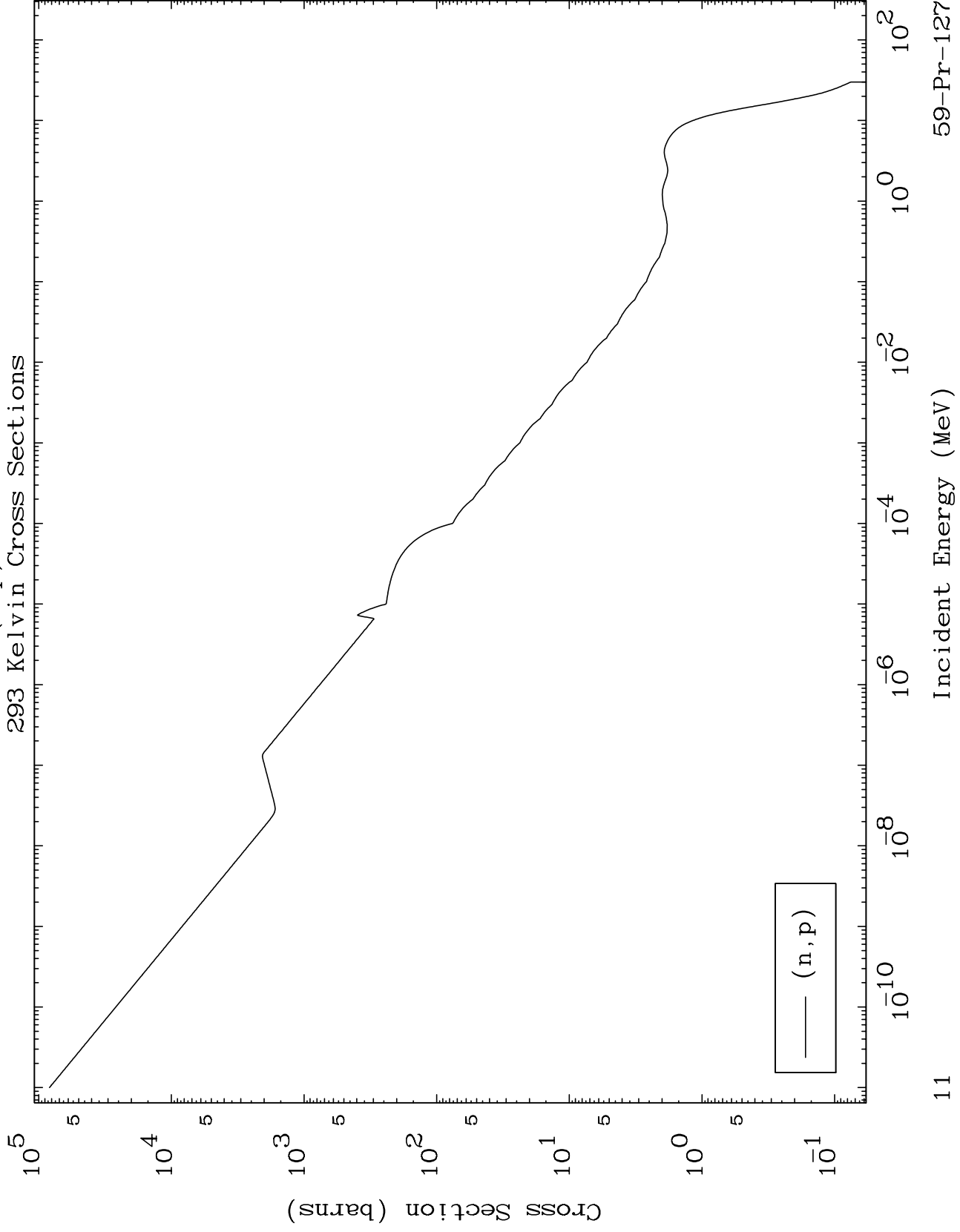
59-Pr-127

Incident Energy (MeV)

MAT 5883

(n,p) Levels
293 Kelvin Cross Sections

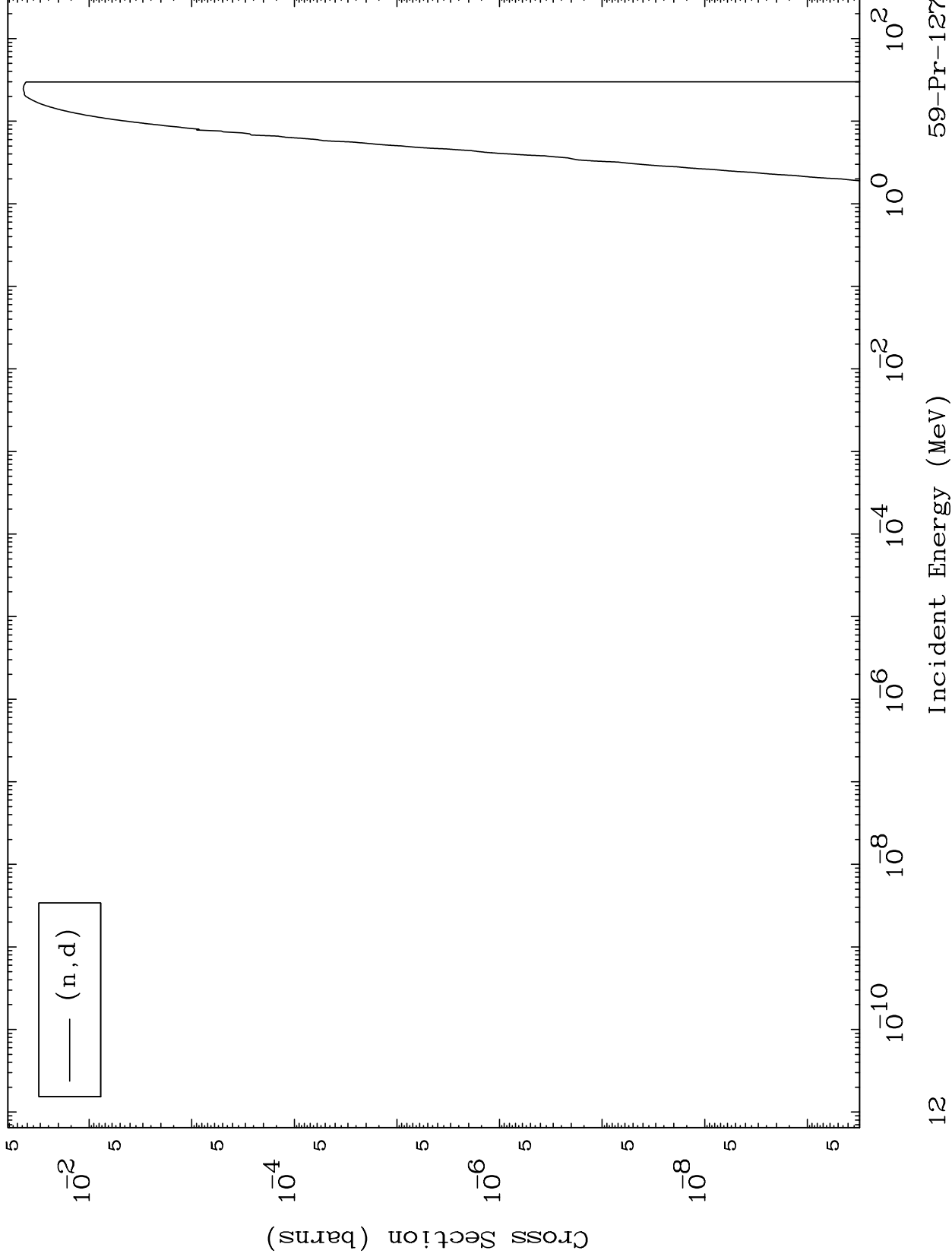
59-Pr-127



MAT 5883

(n,d) Levels
293 Kelvin Cross Sections

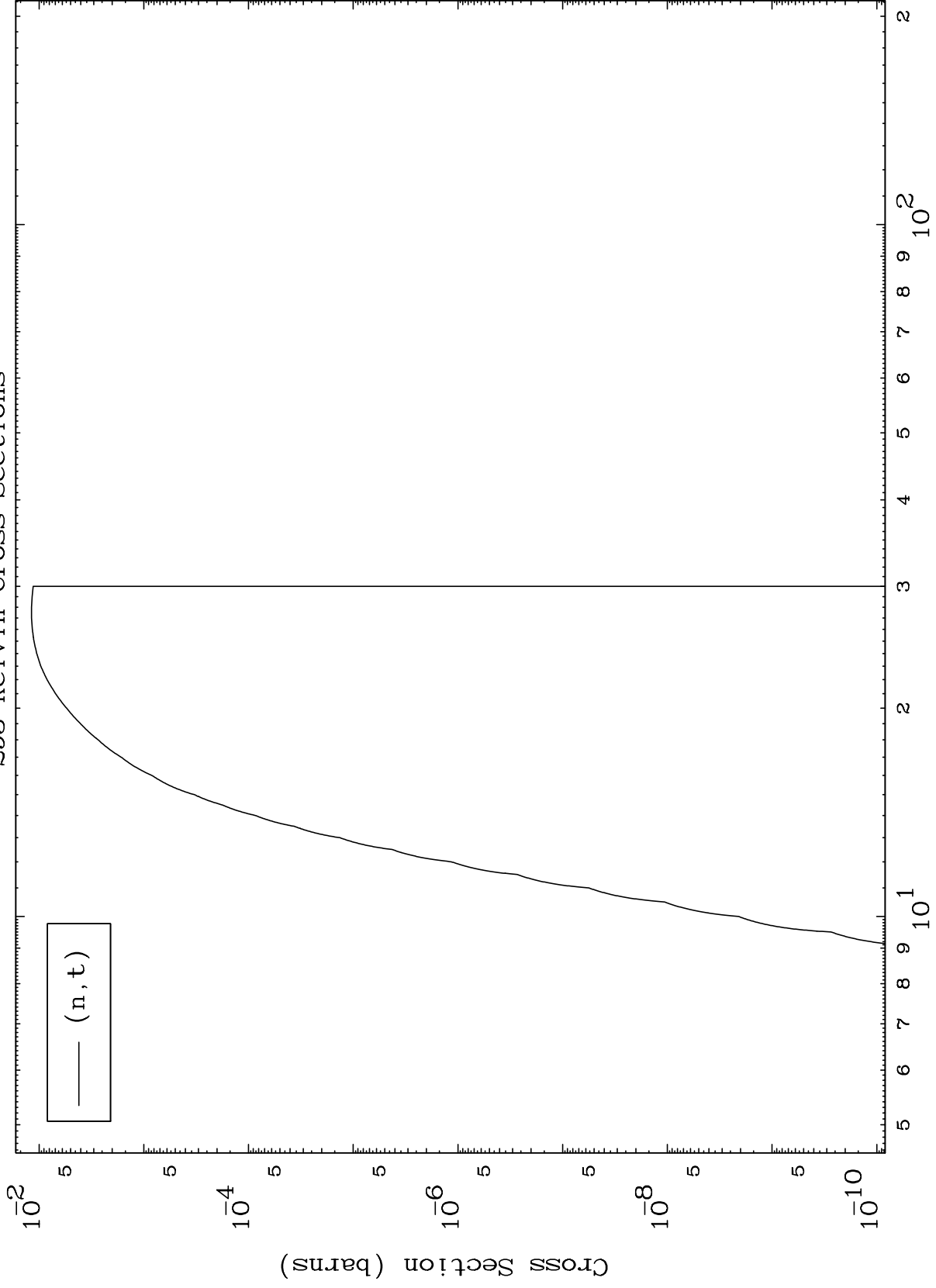
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MAT 5883

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-127



13

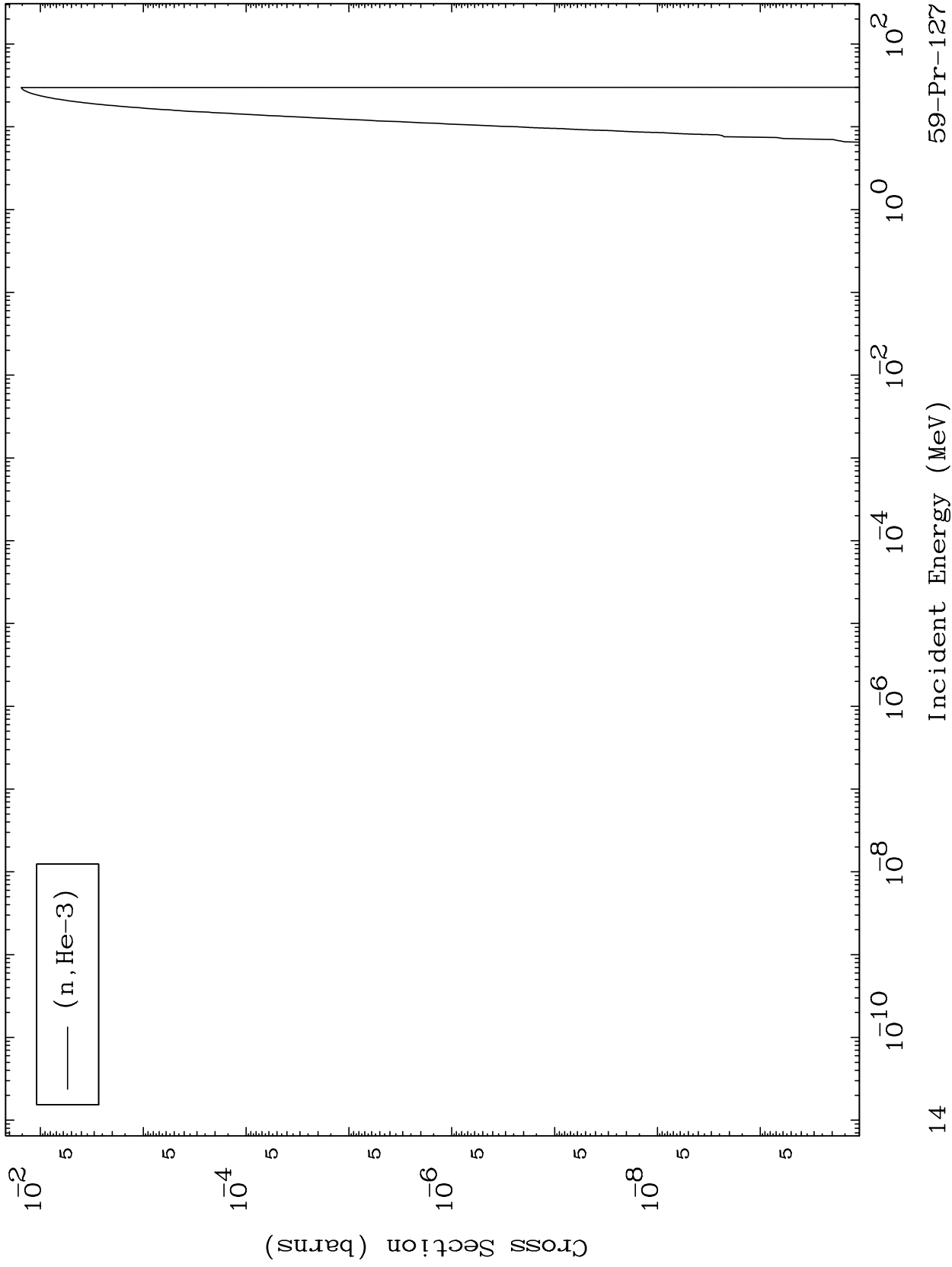
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,He3) Levels
293 Kelvin Cross Sections

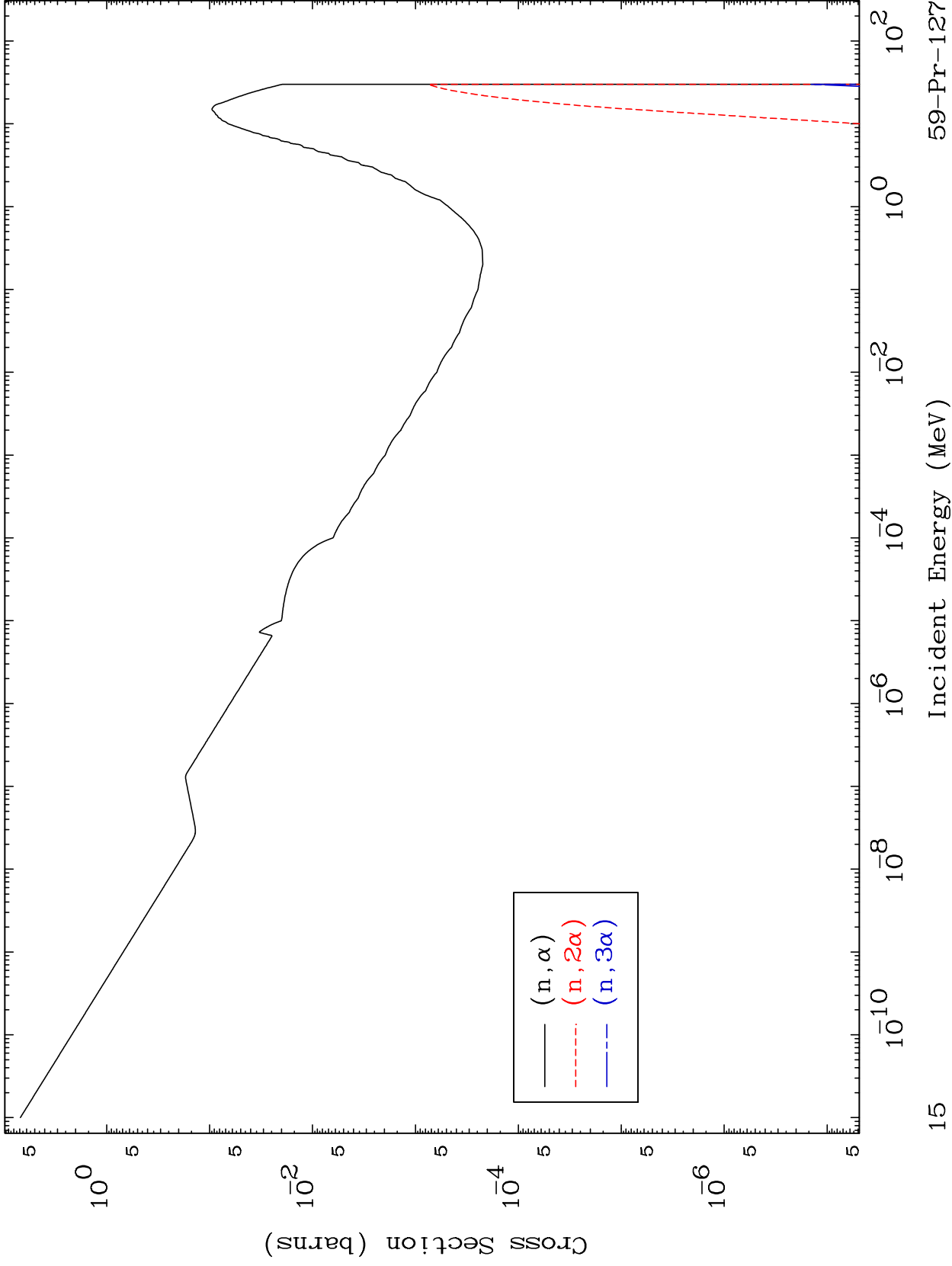
59-Pr-127



MAT 5883

(n,α) Levels
293 Kelvin Cross Sections

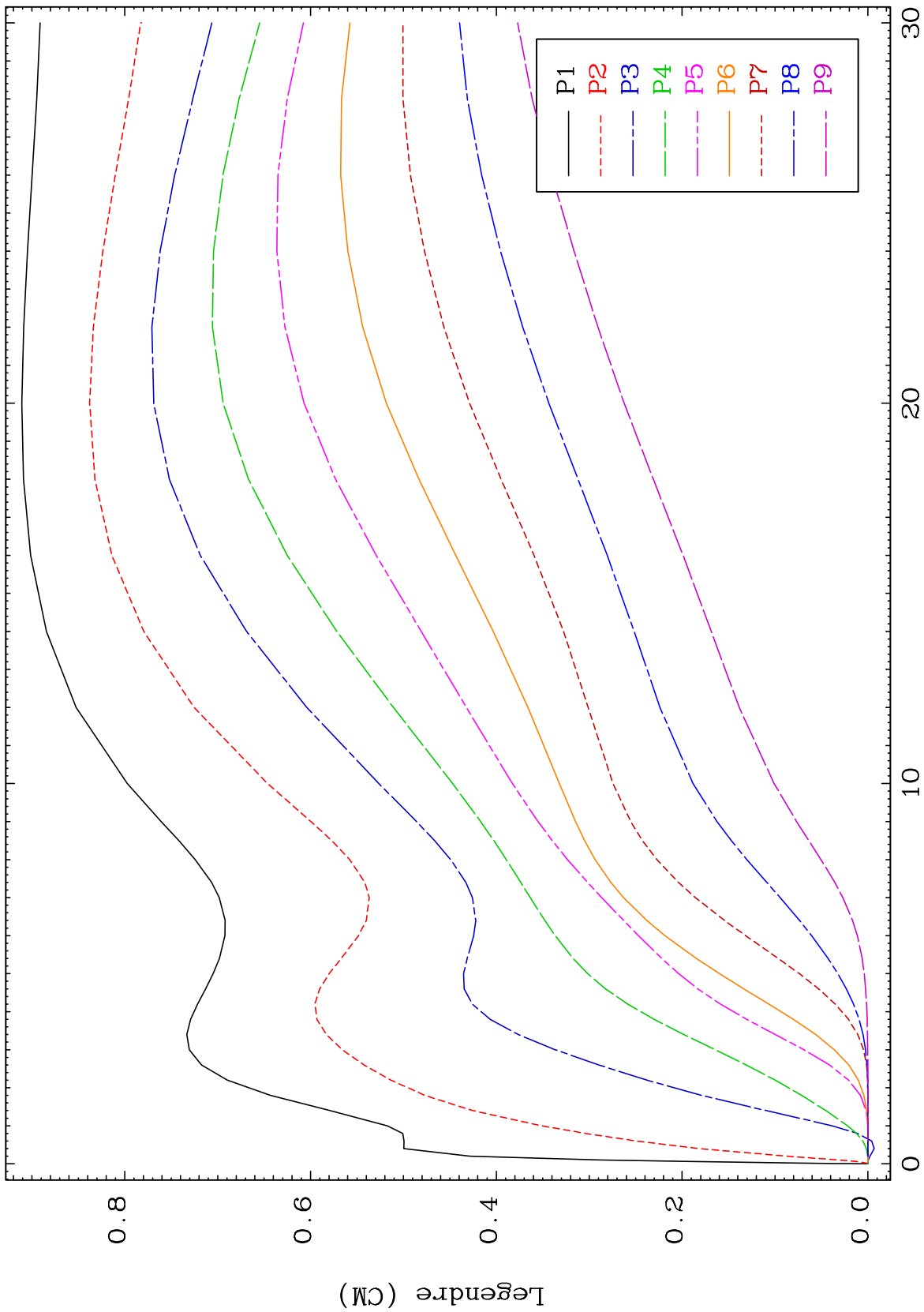
59-Pr-127



MAT 5883

Elastic Legendre Coefficients

59-Pr-127



16

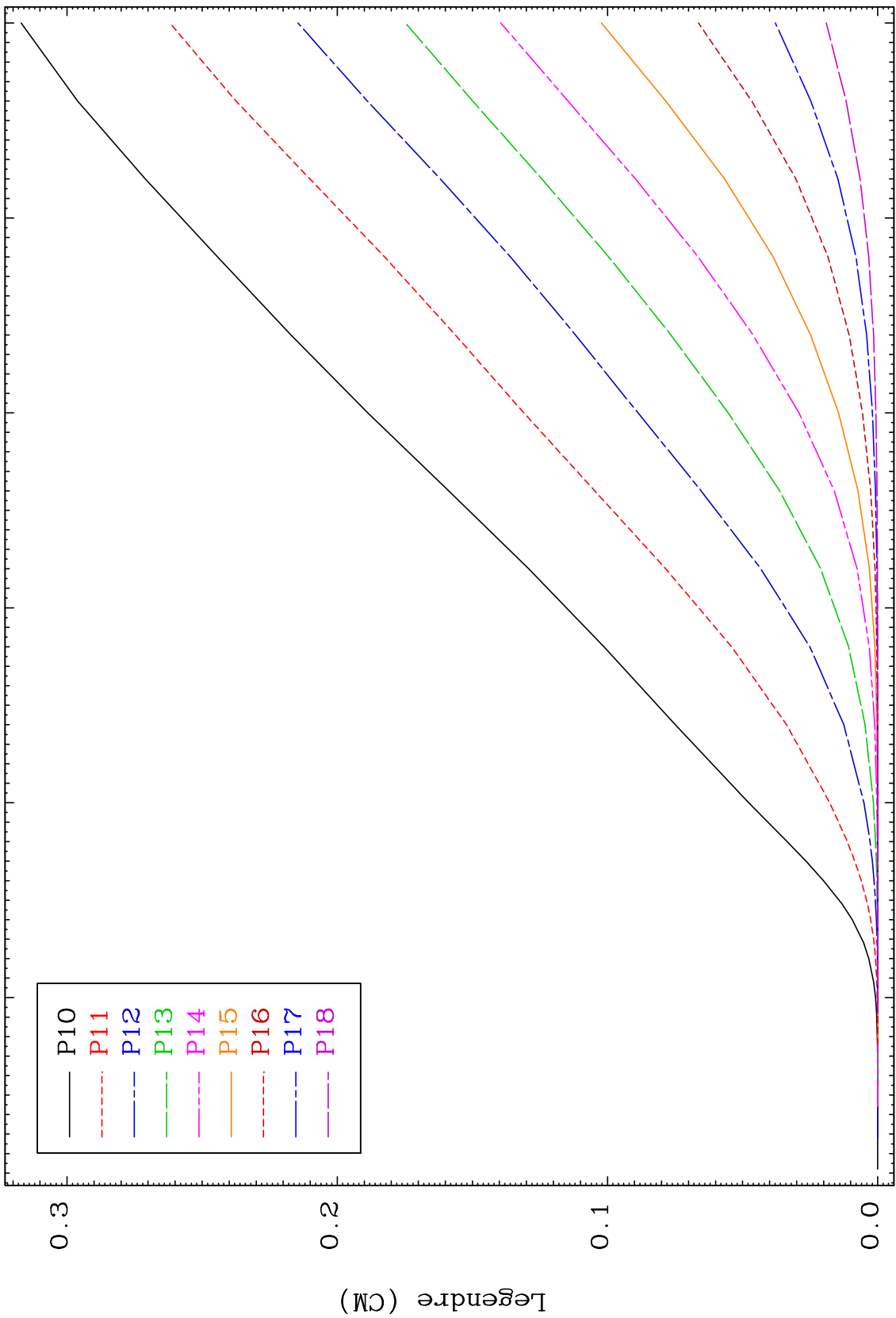
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic
Legendre Coefficients

59-Pr-127



17

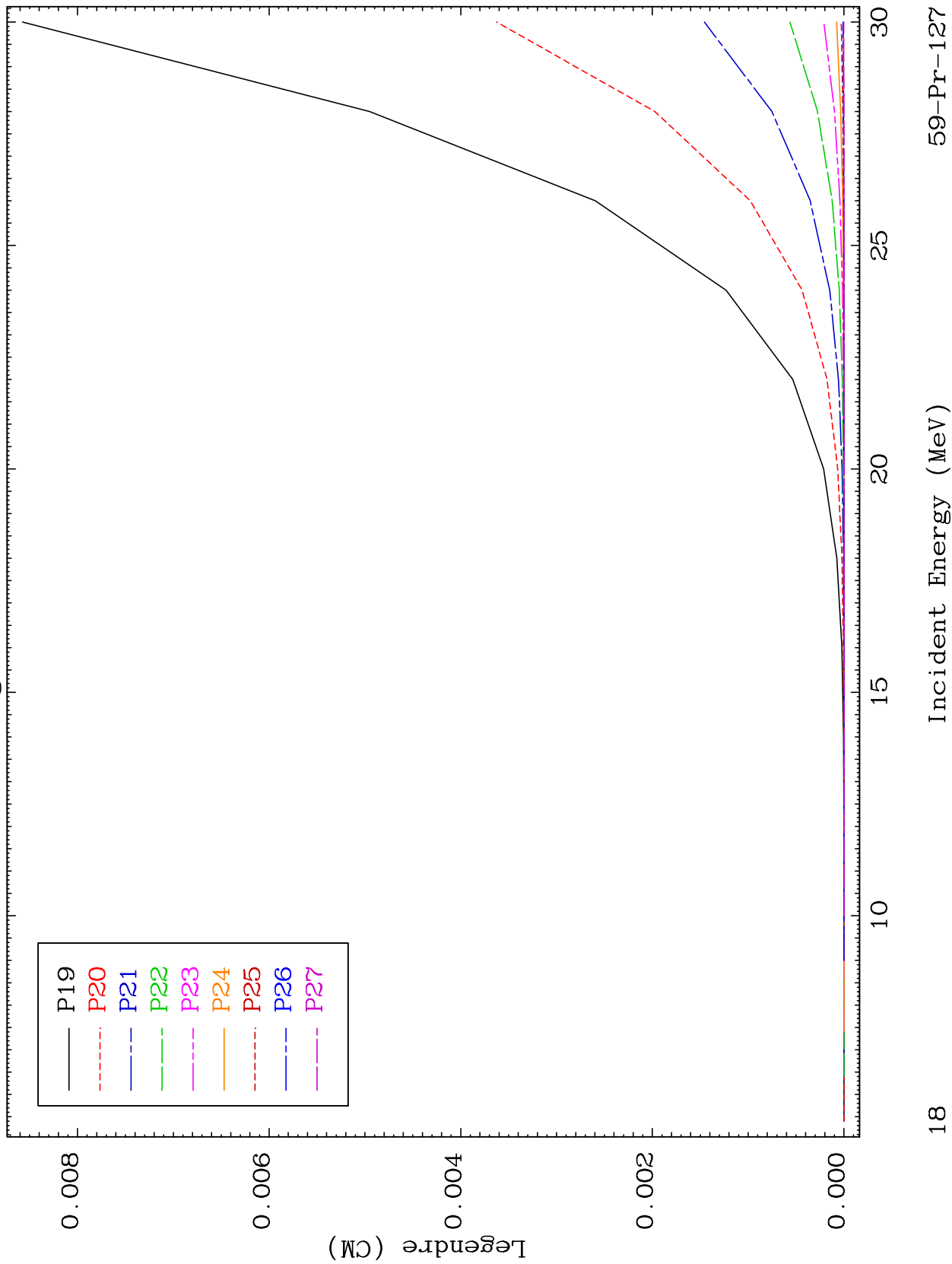
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



18

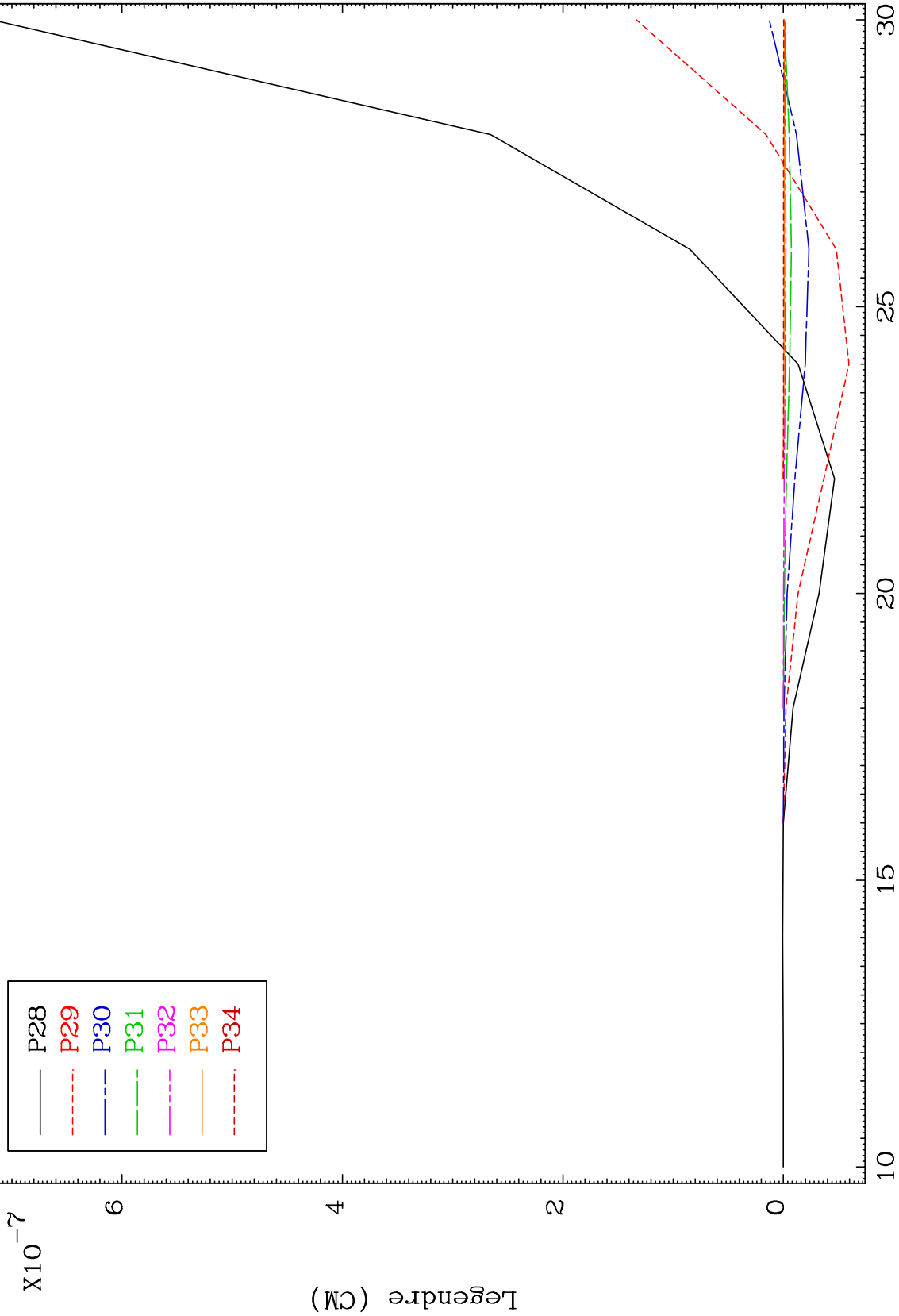
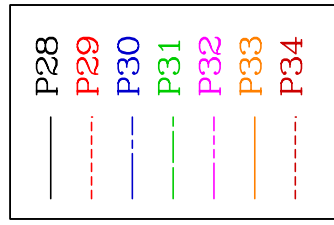
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



19

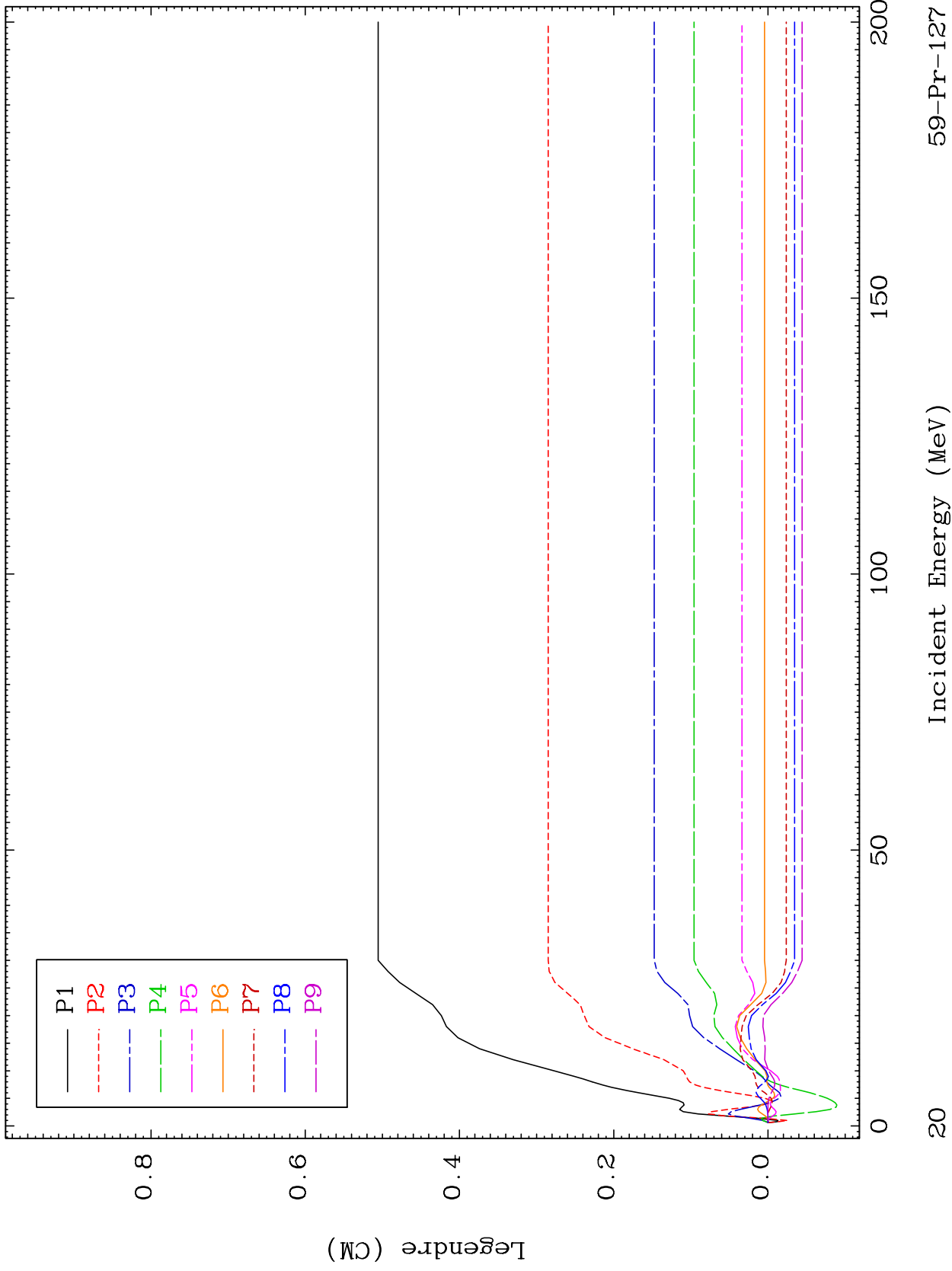
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



59-Pr-127

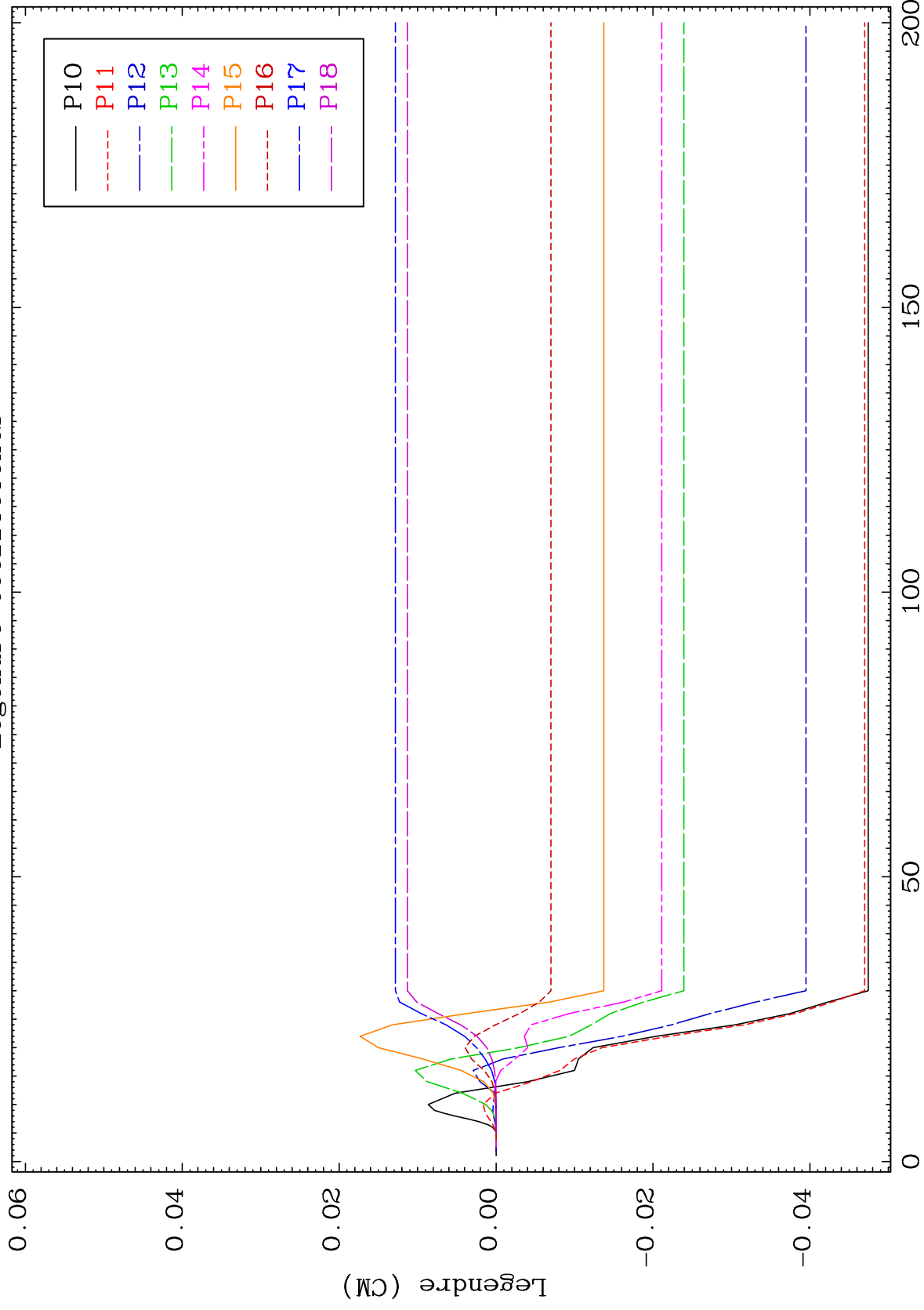
Incident Energy (MeV)

20

MAT 5883

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

59-Pr-127



21

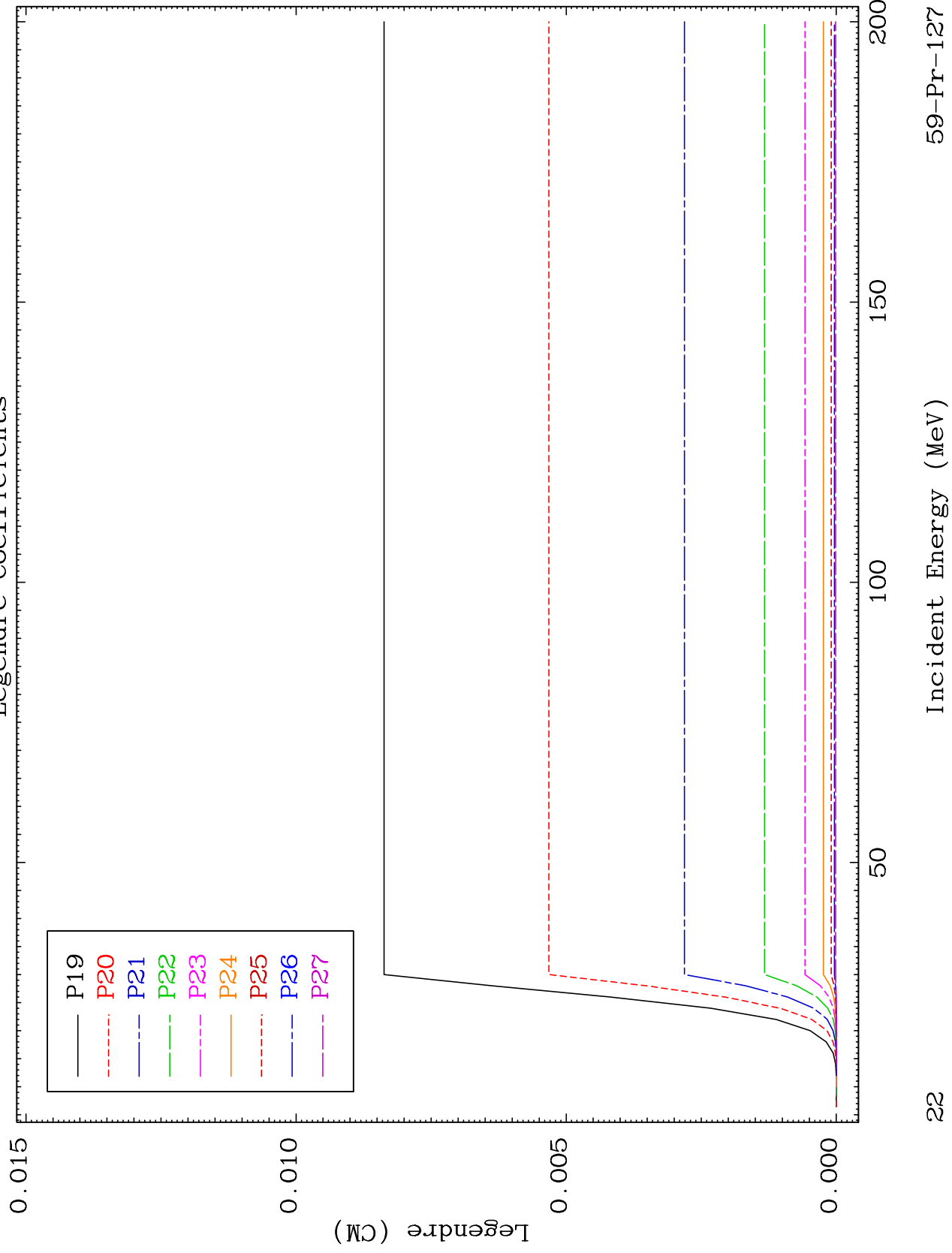
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

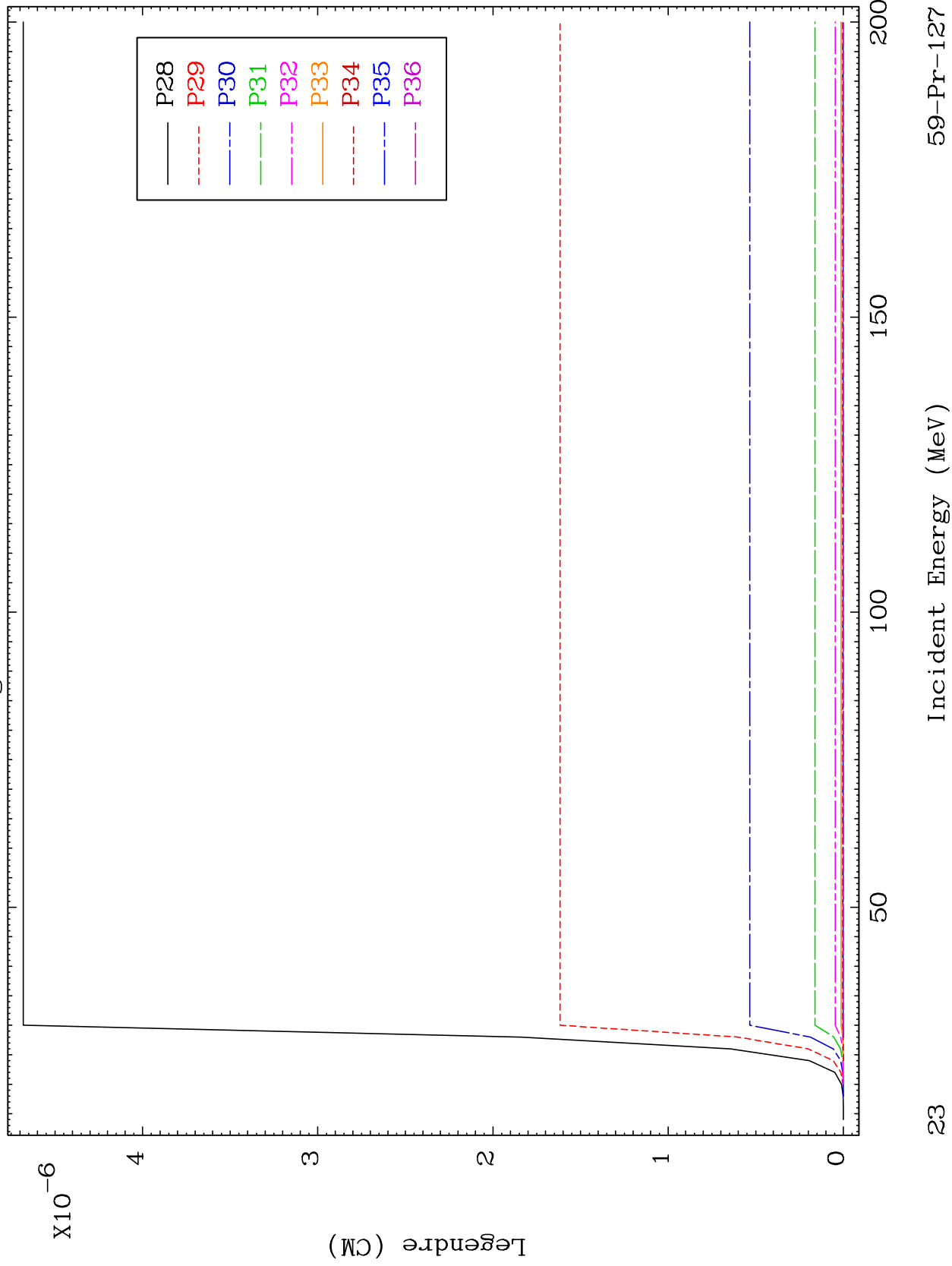
59-Pr-127



MAT 5883

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

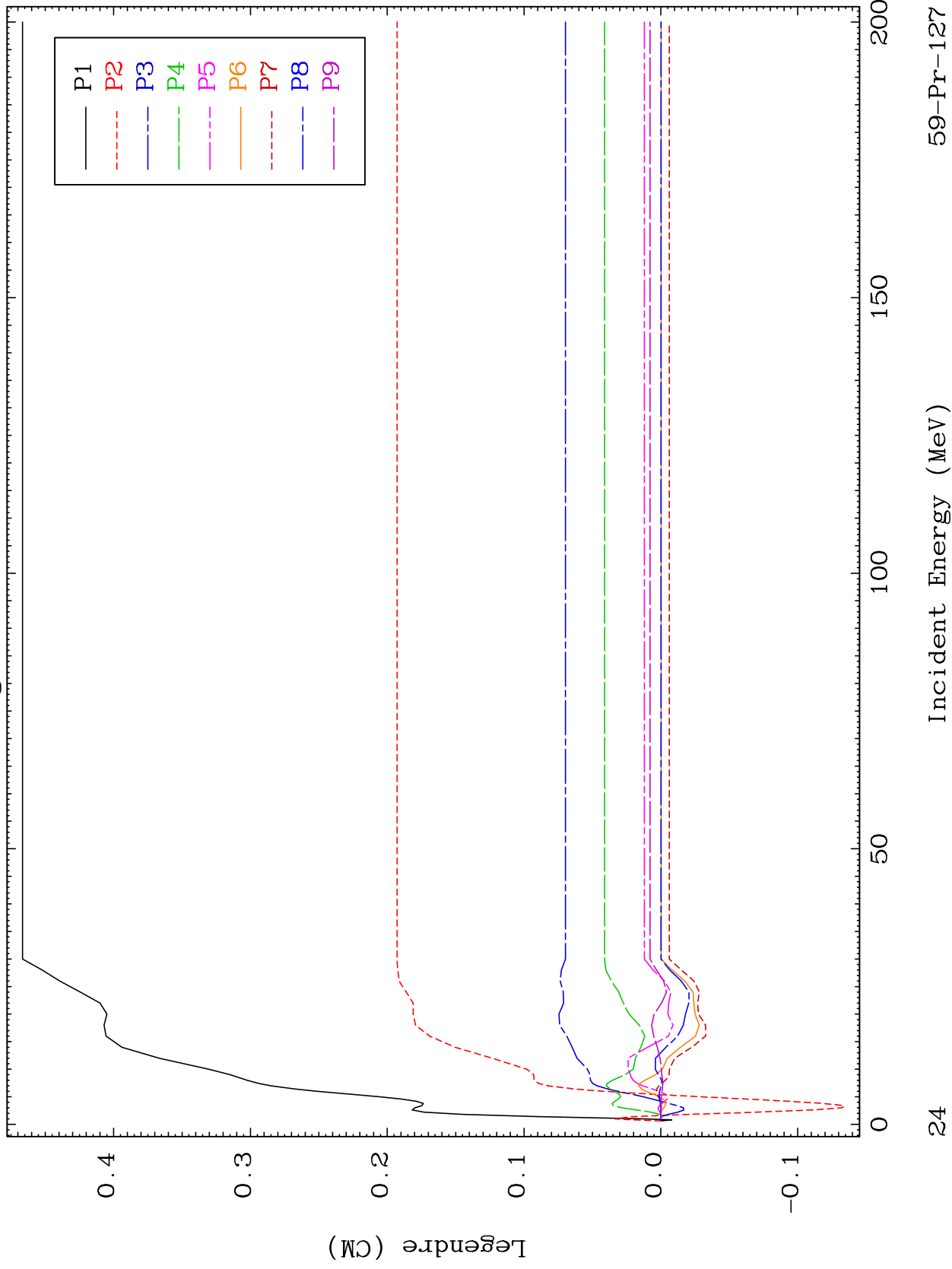
59-Pr-127



MAT 5883

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

59-Pr-127



59-Pr-127

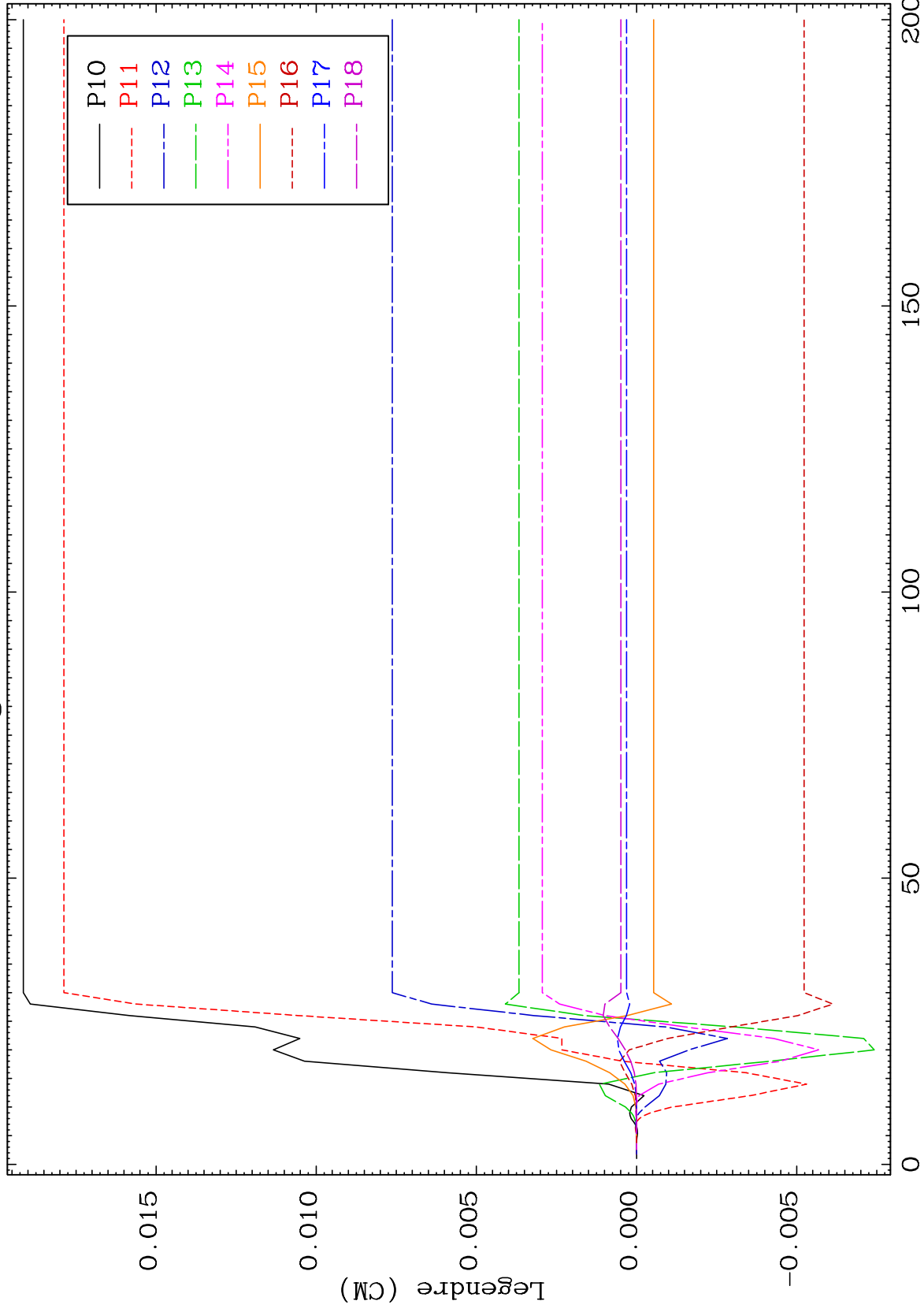
Incident Energy (MeV)

24

MAT 5883

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

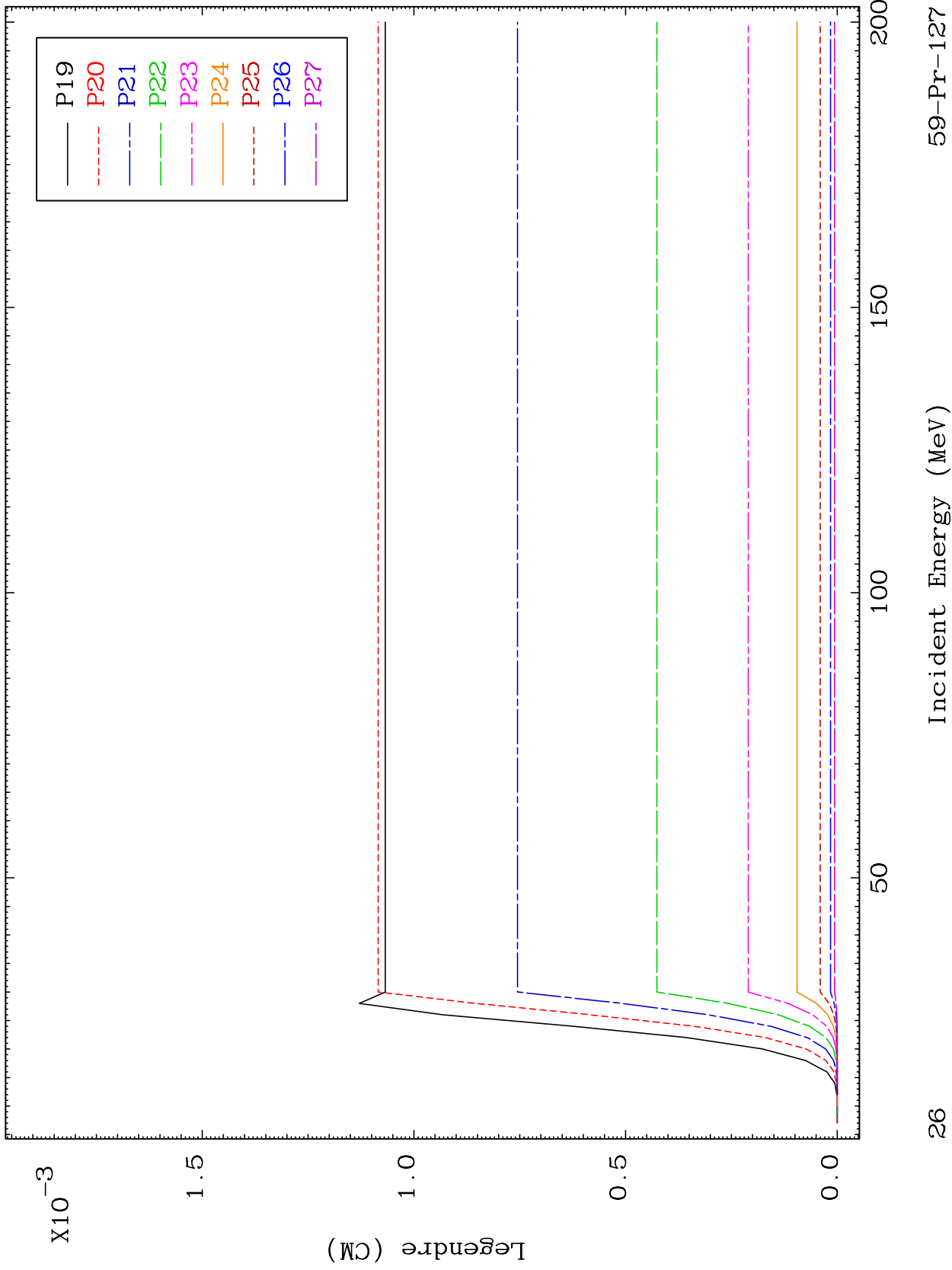
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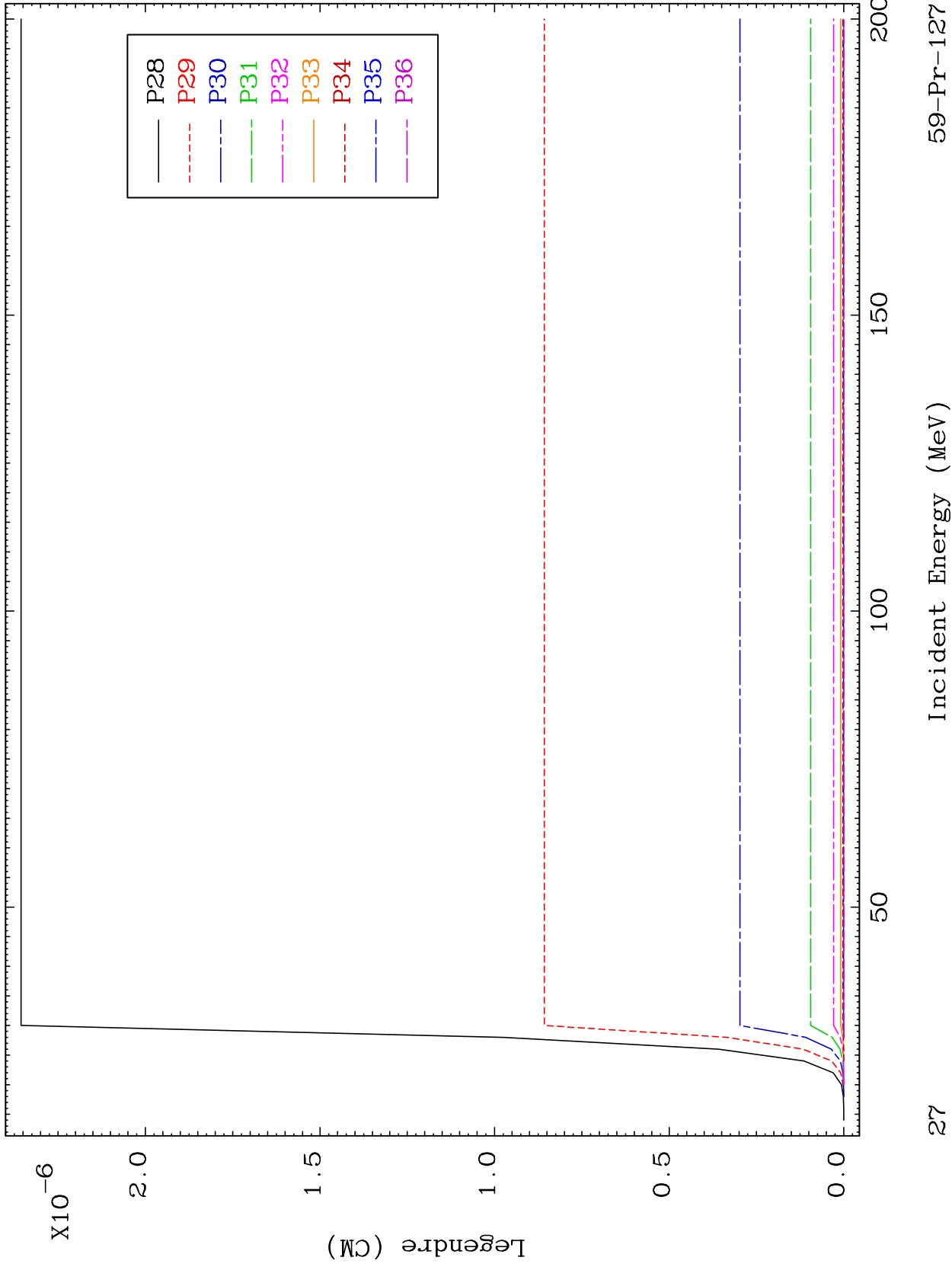


25

Incident Energy (MeV)

59-Pr-127

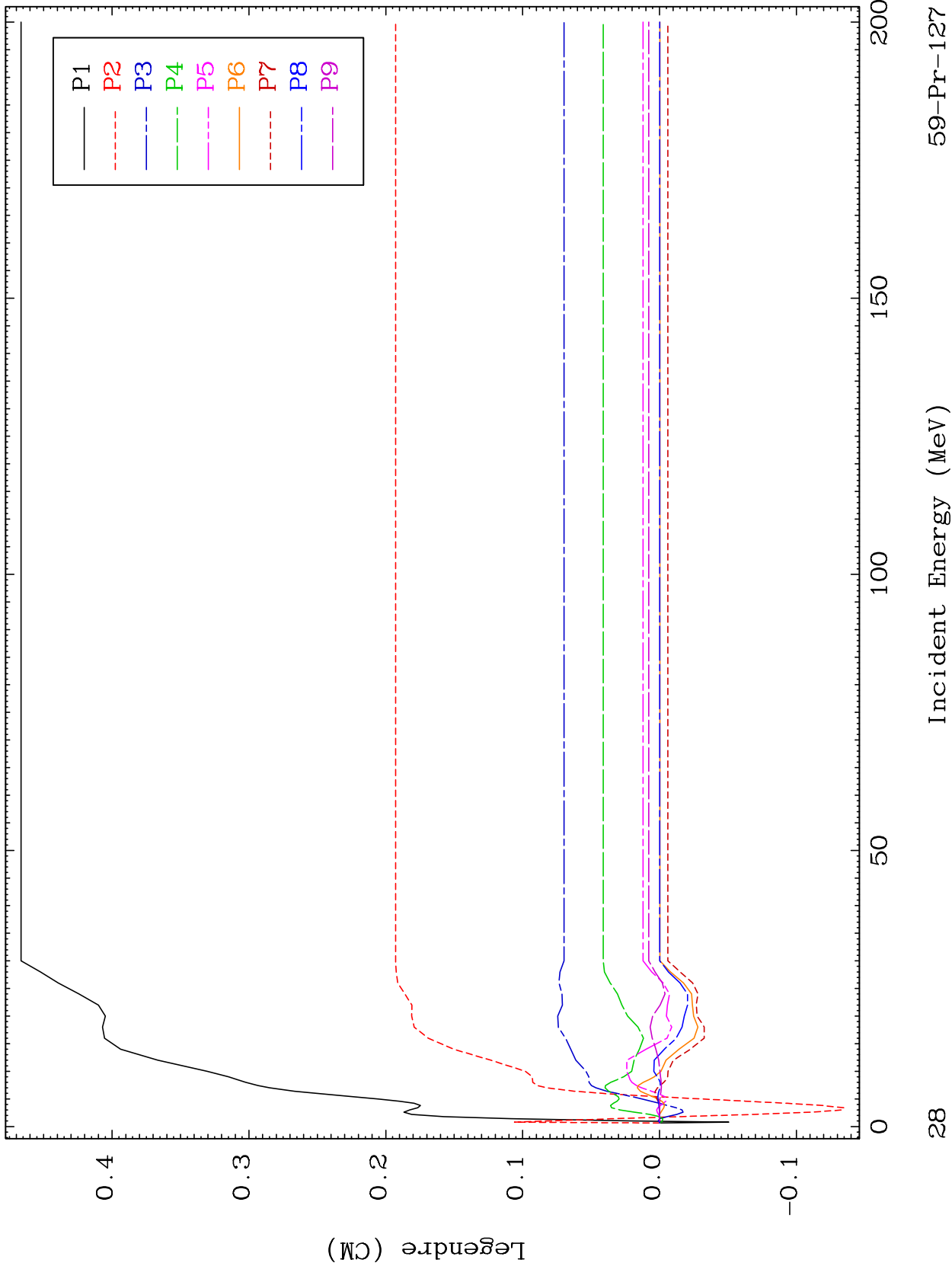




MAT 5883

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

59-Pr-127



59-Pr-127

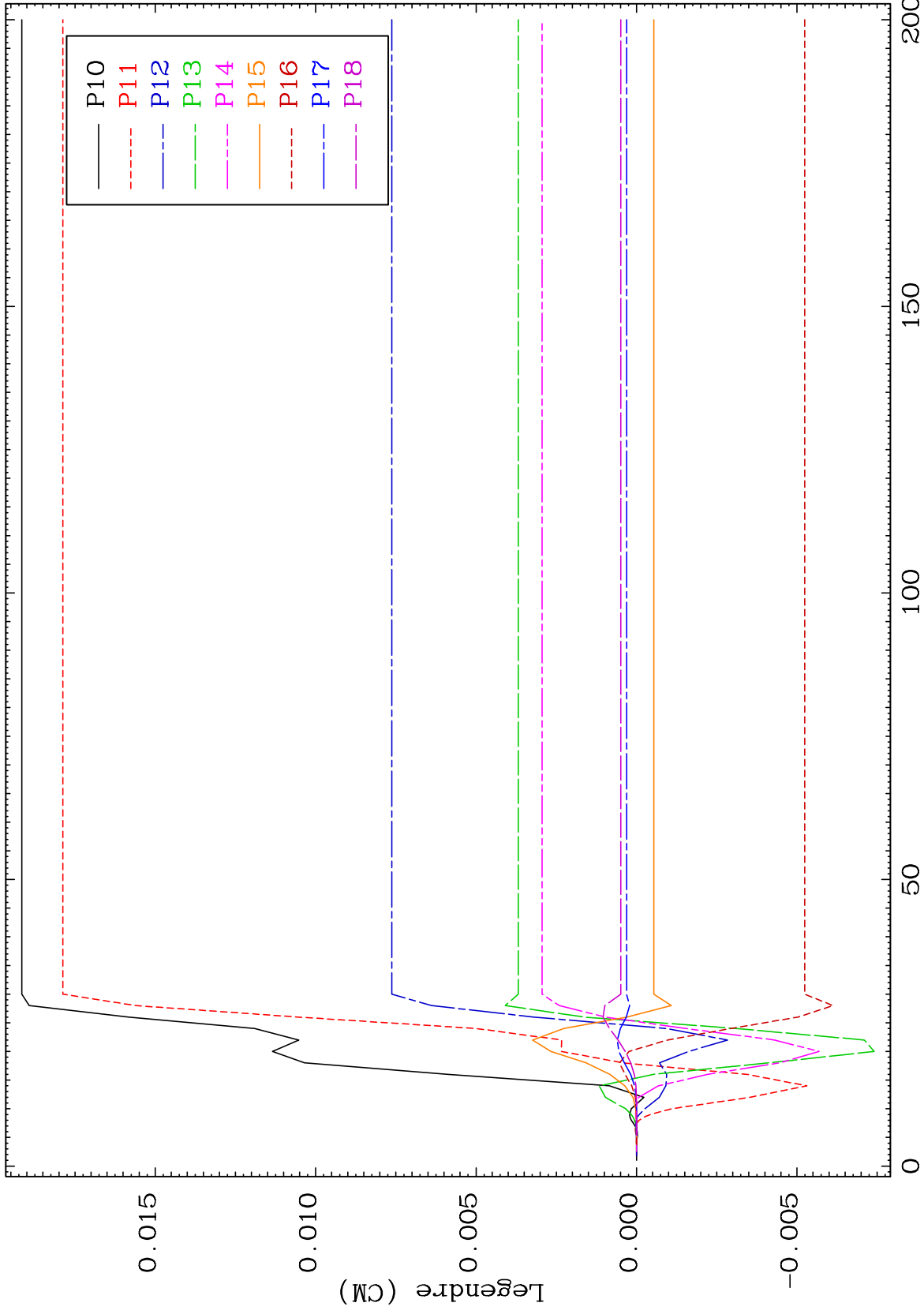
Incident Energy (MeV)

28

MAT 5883

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

59-Pr-127



29

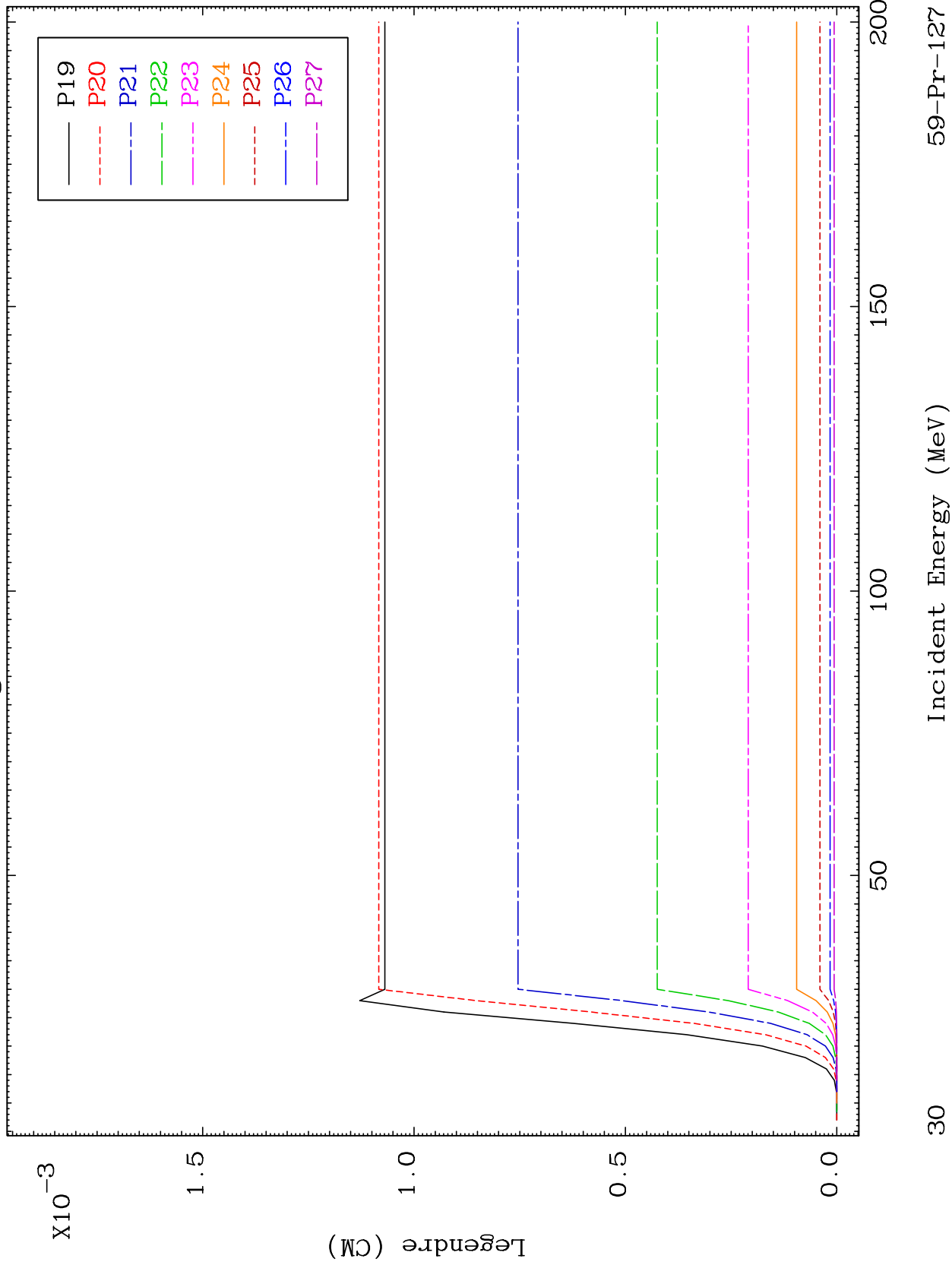
Incident Energy (MeV)

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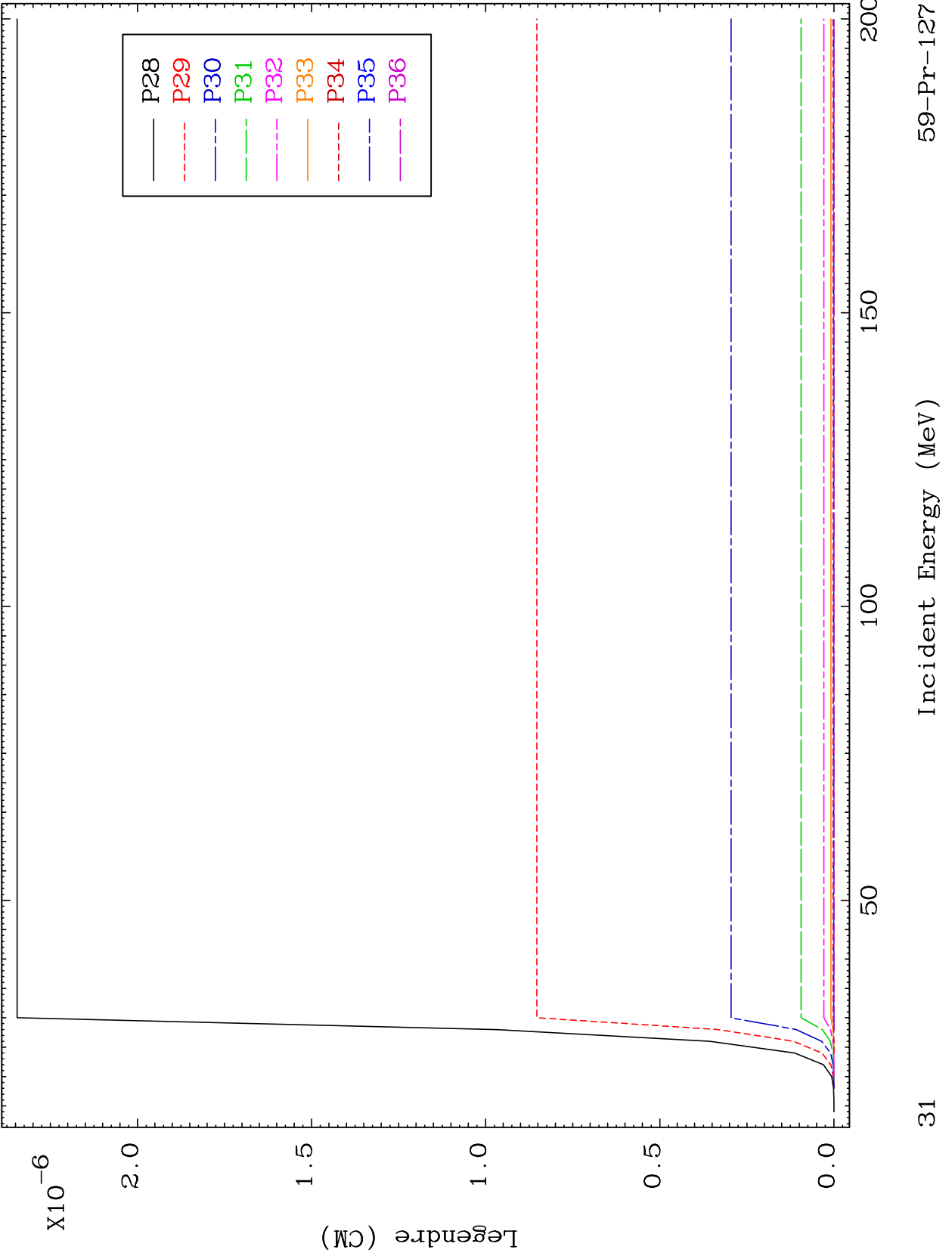
MAT 5883

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

59-Pr-127



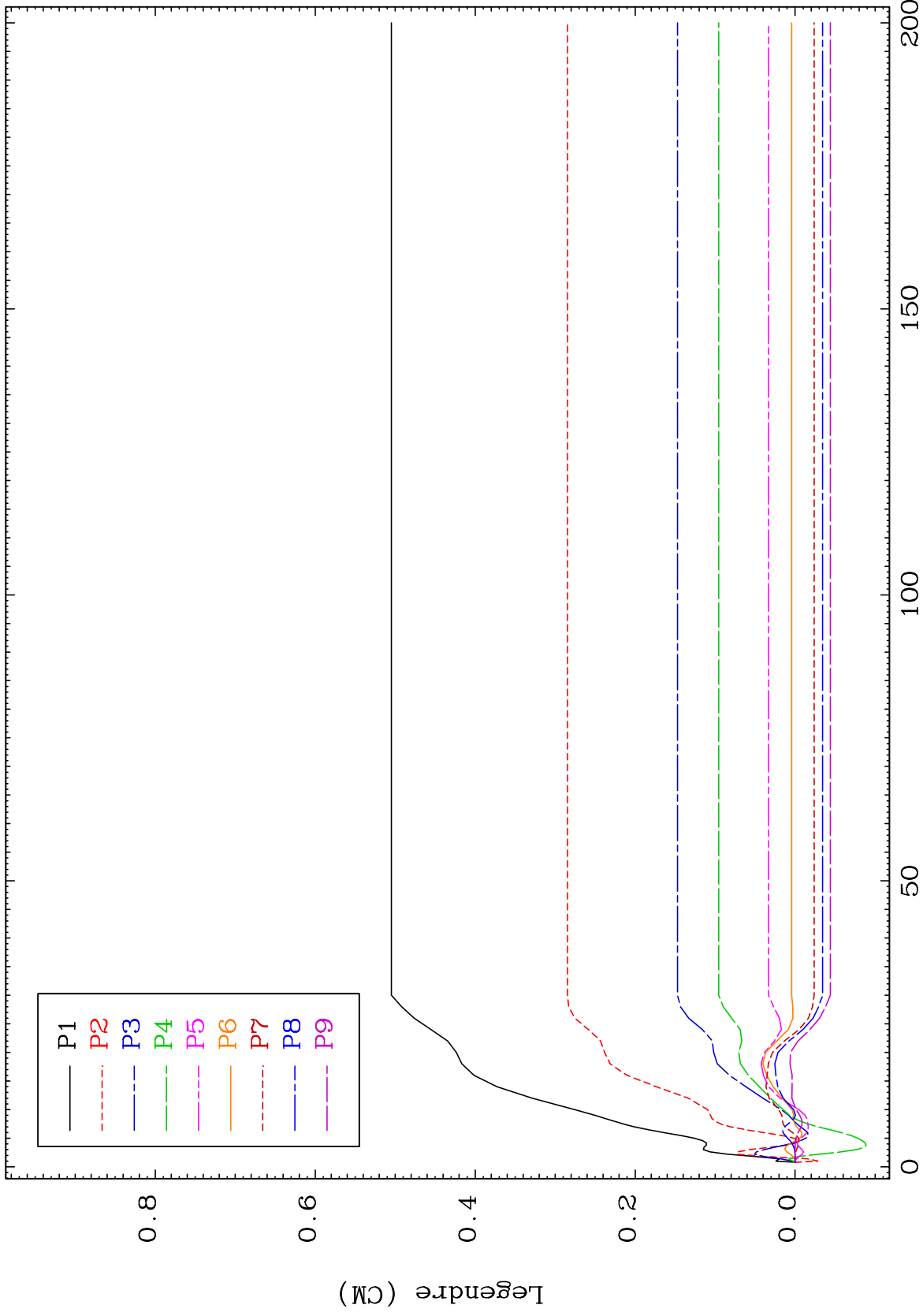
59-Pr-127



MAT 5883

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

59-Pr-127



32

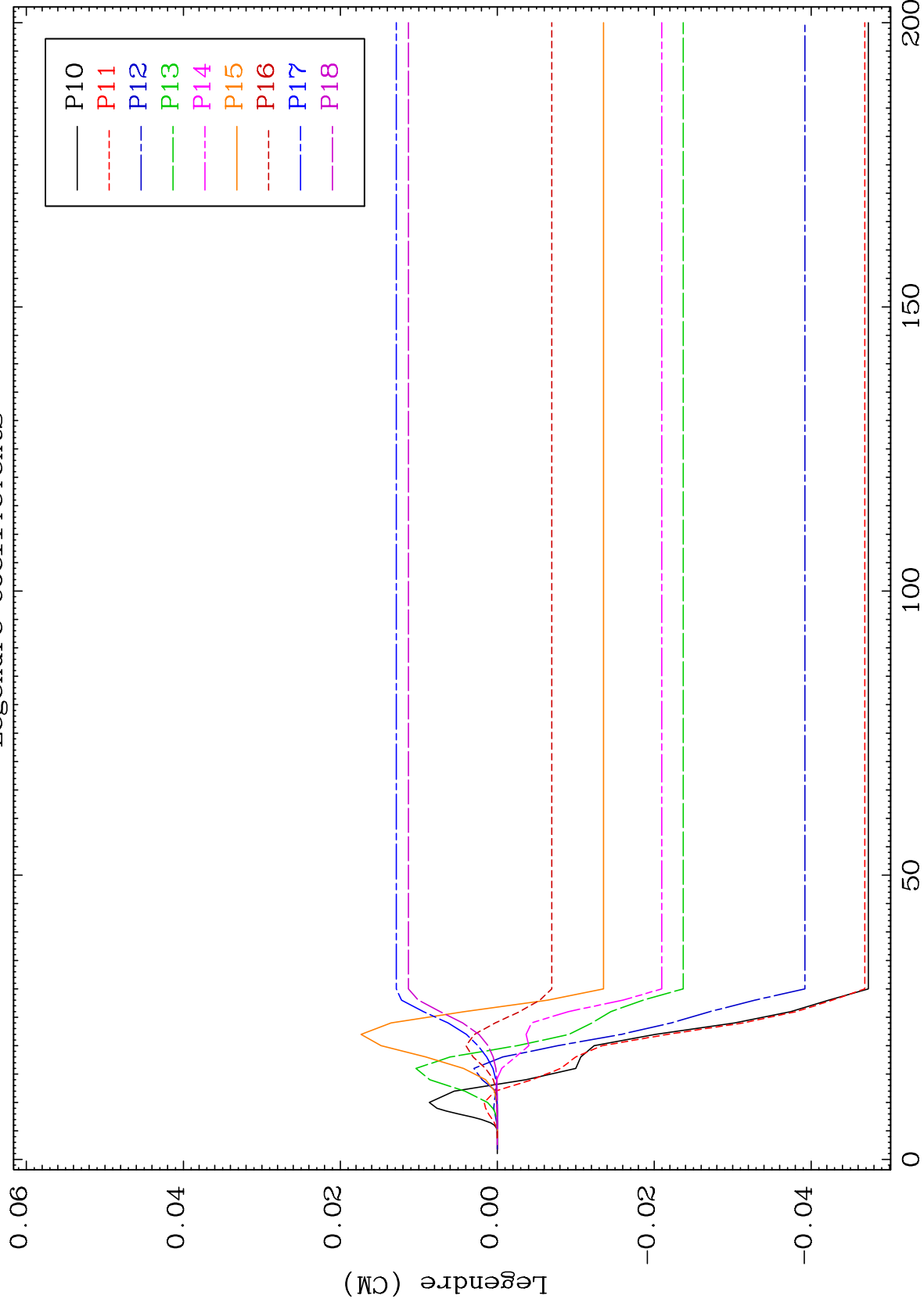
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



33

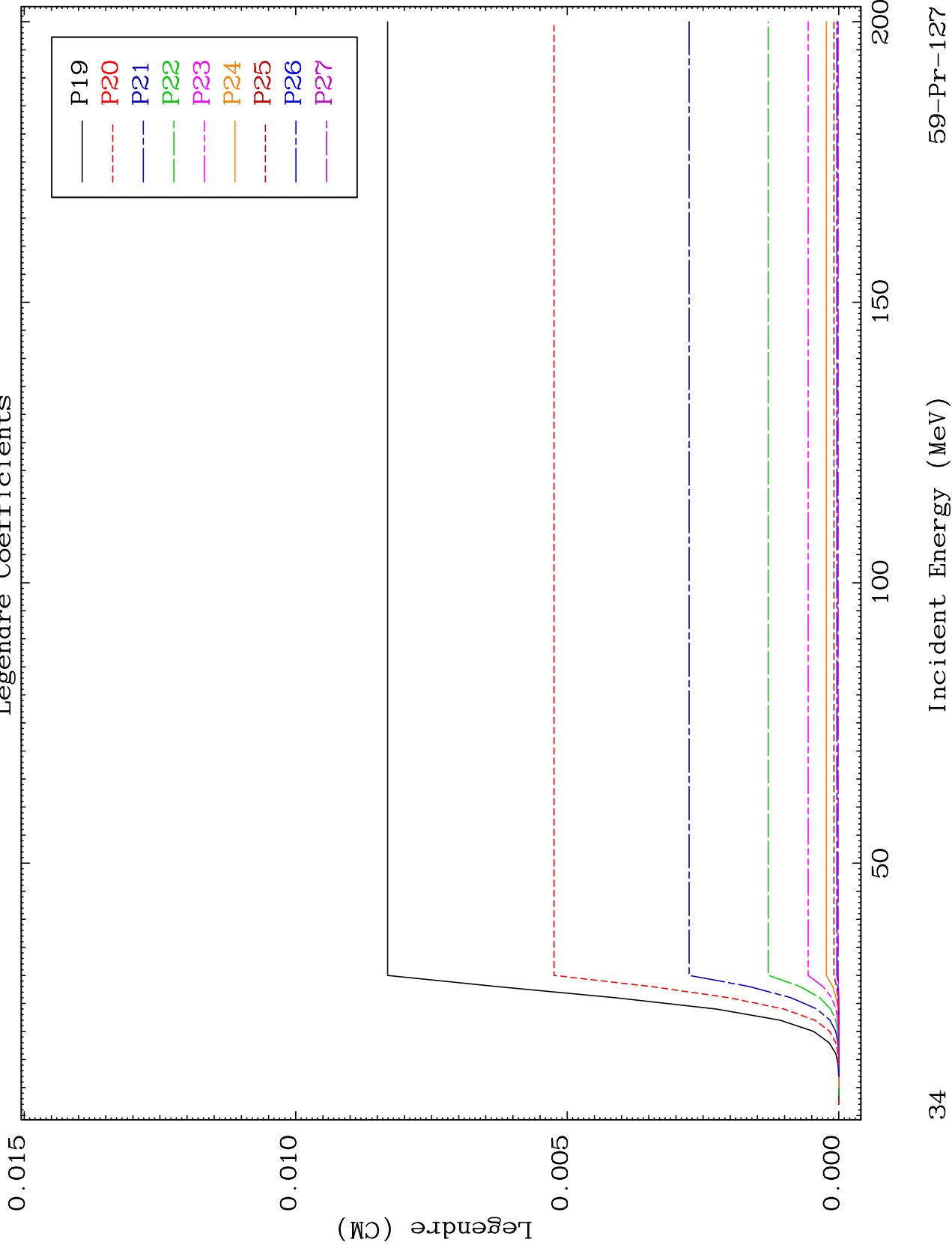
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



34

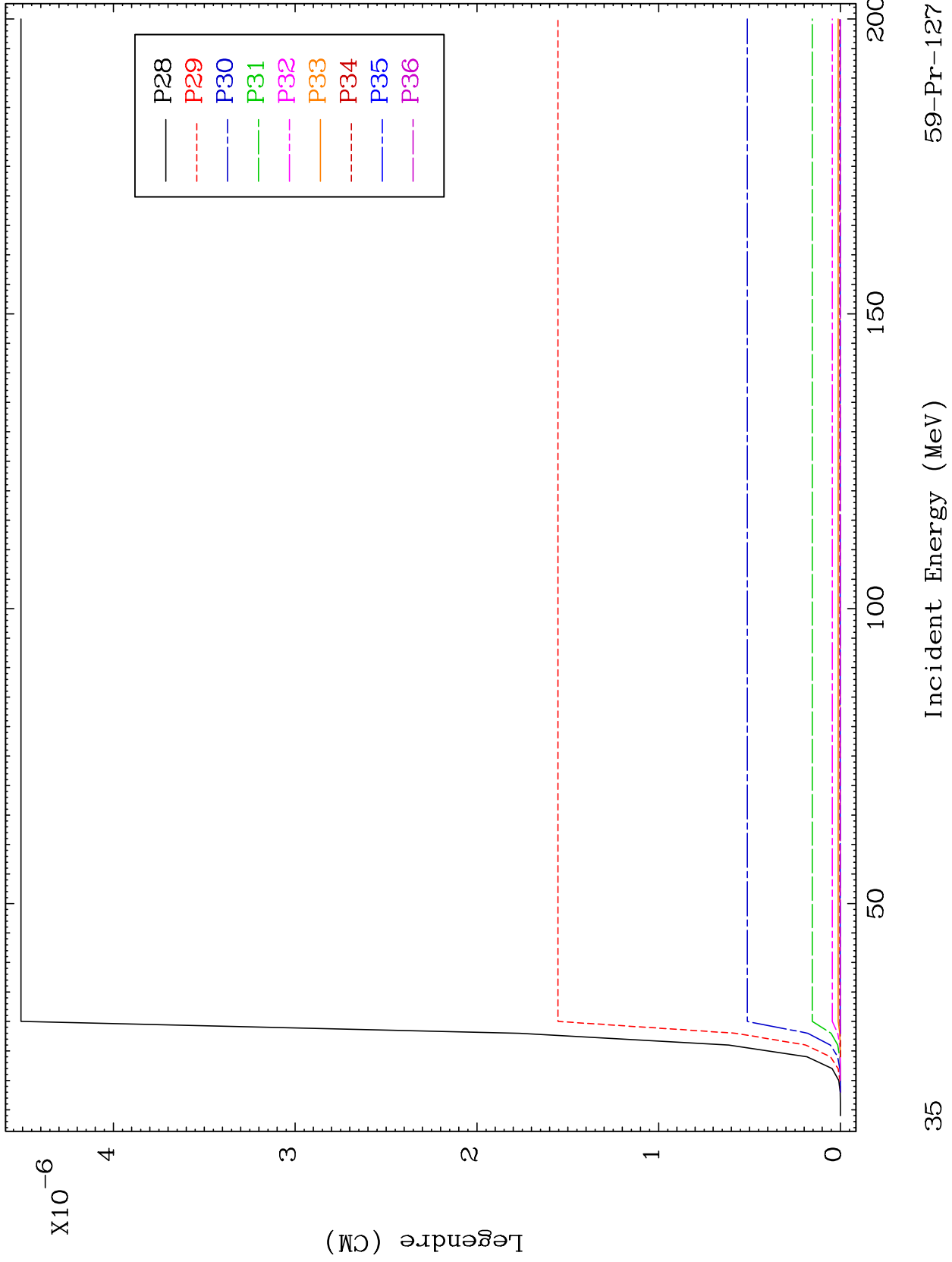
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



35

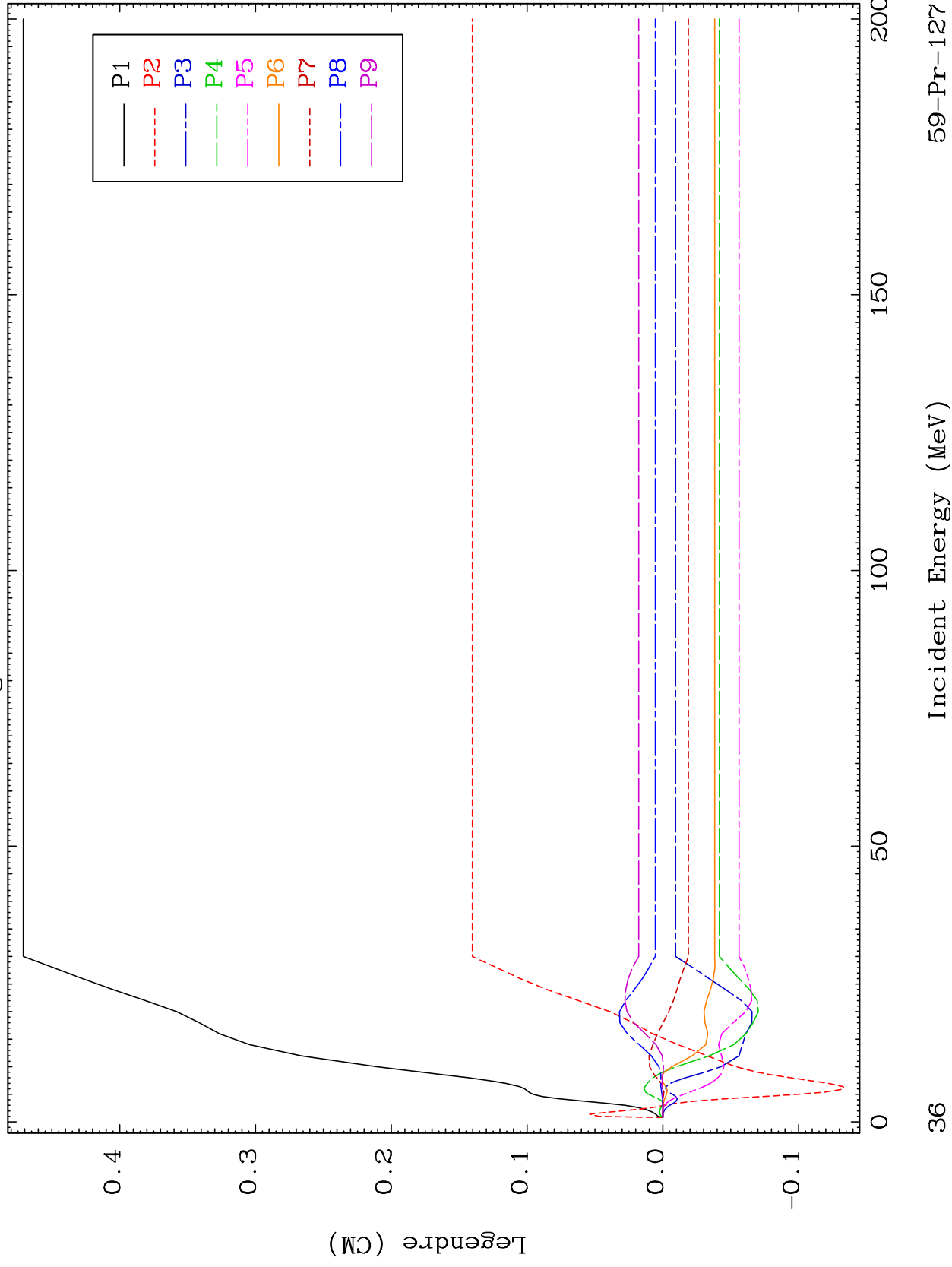
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

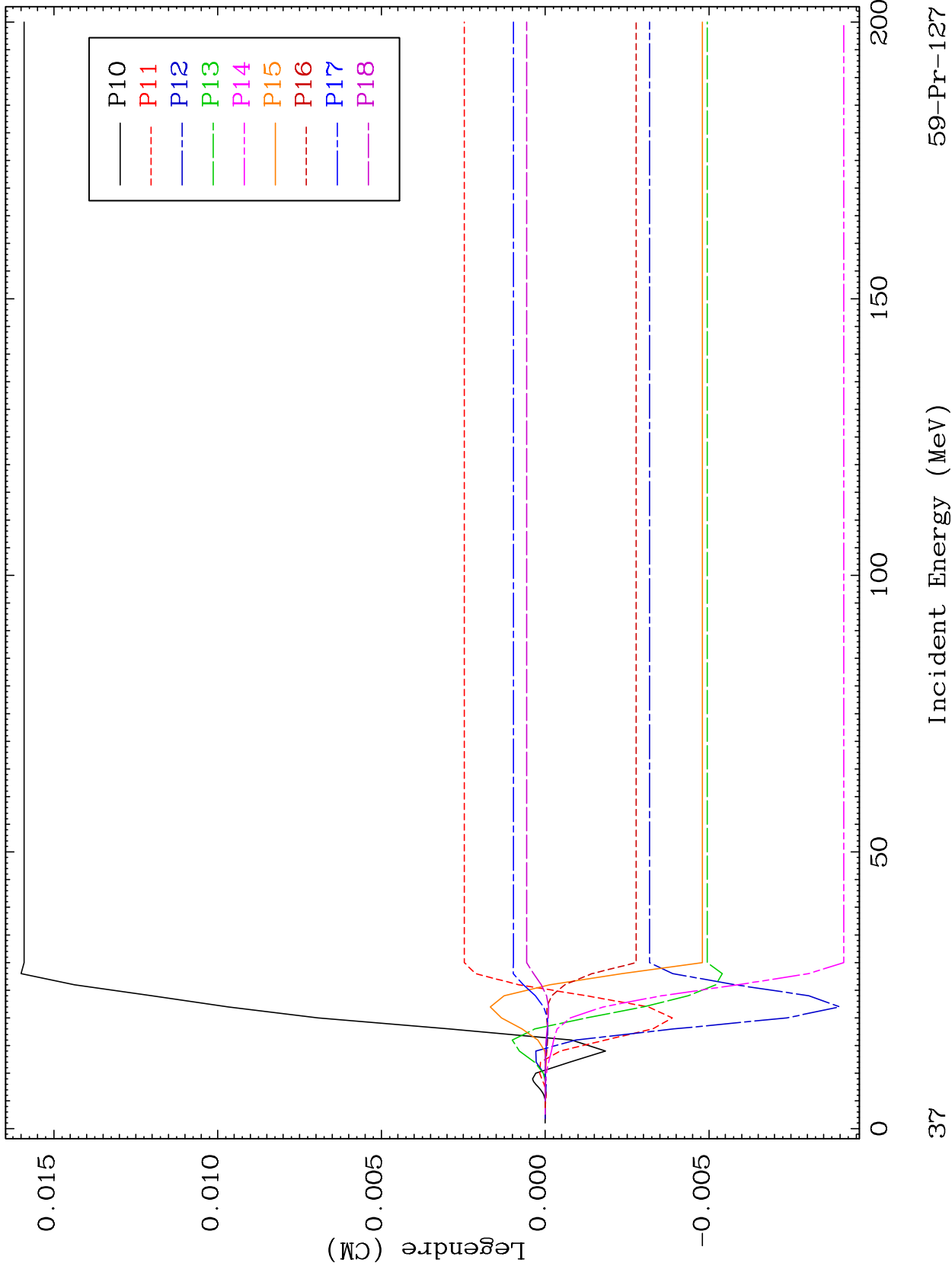
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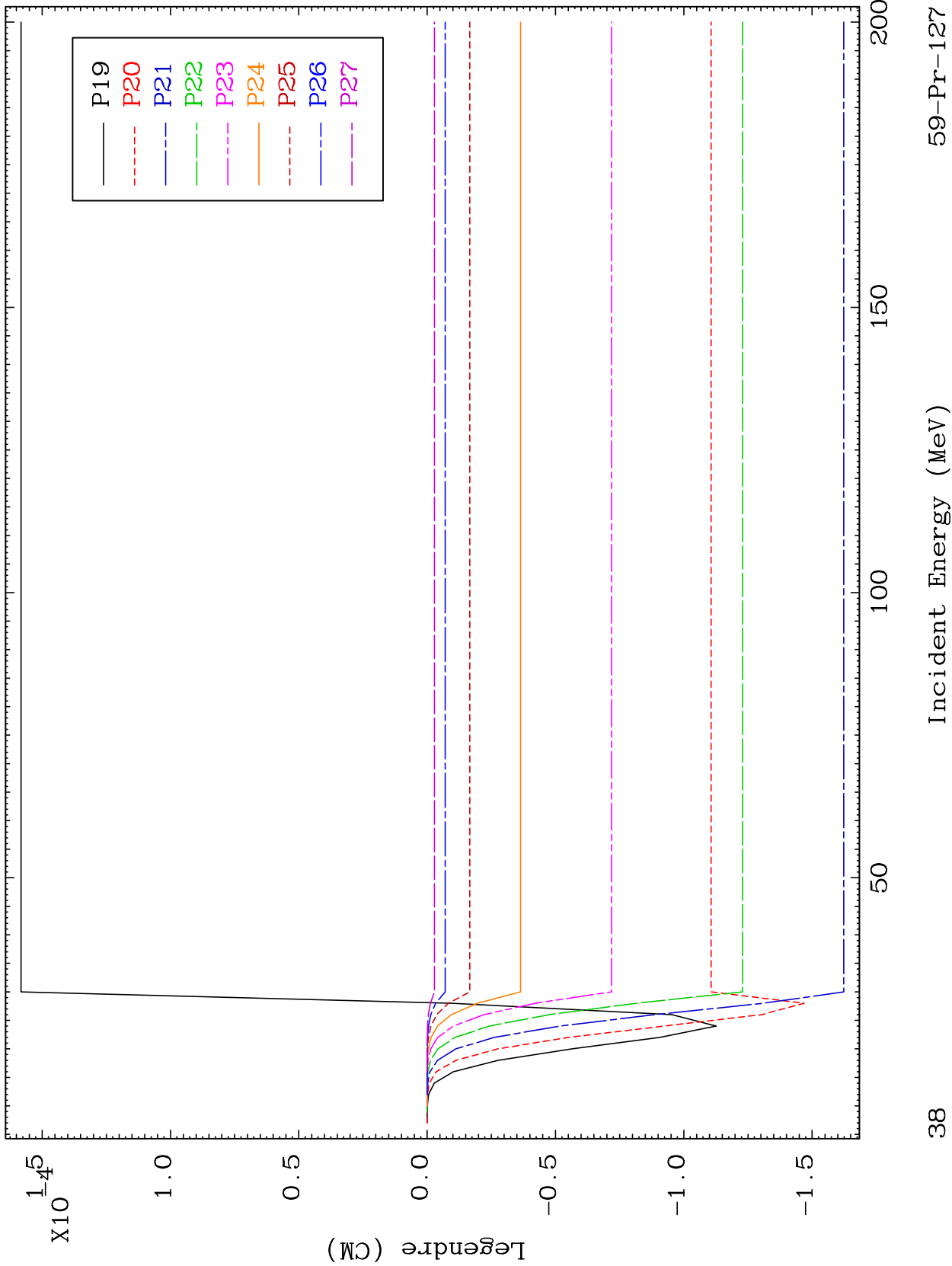


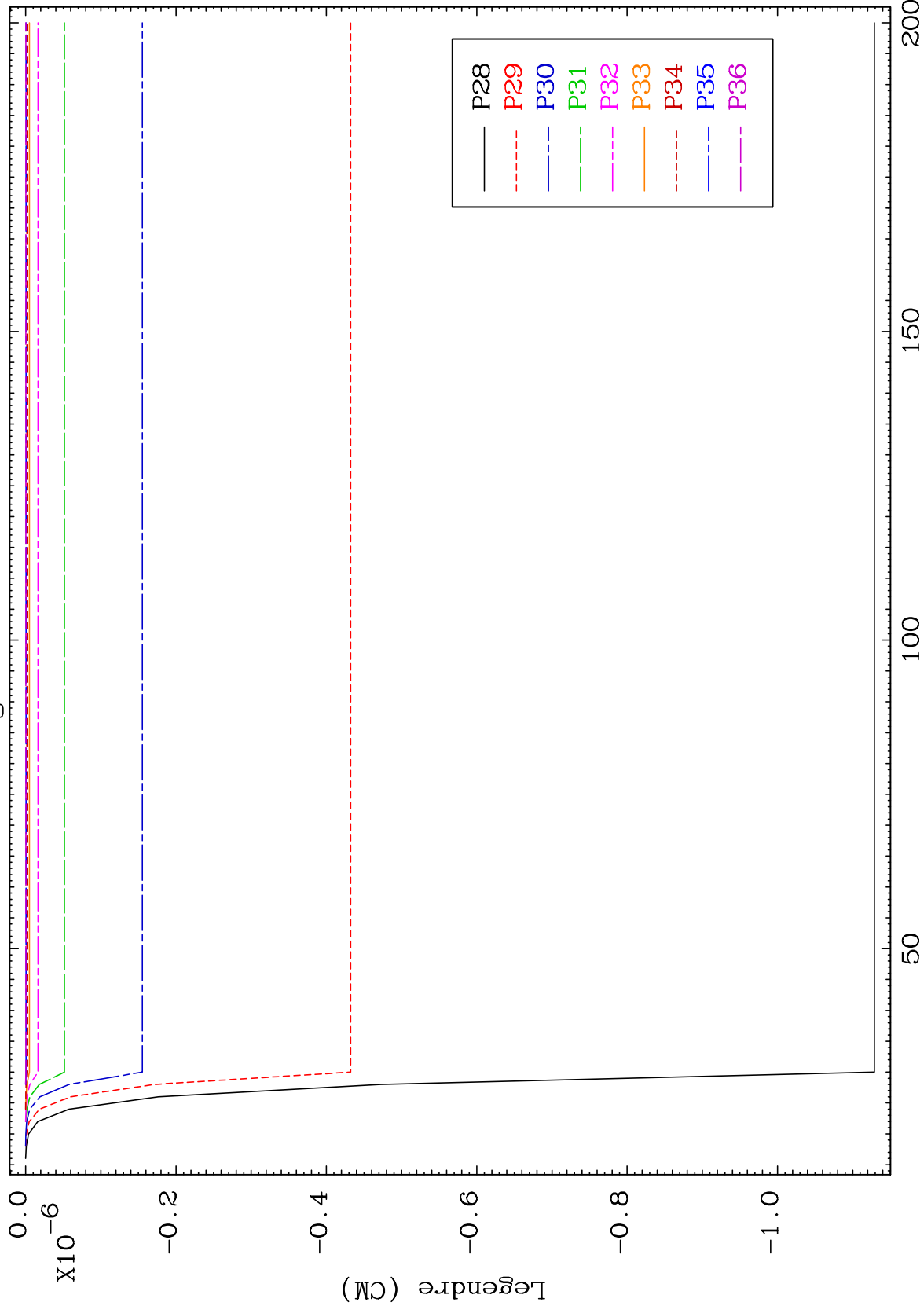
59-Pr-127

Incident Energy (MeV)

36



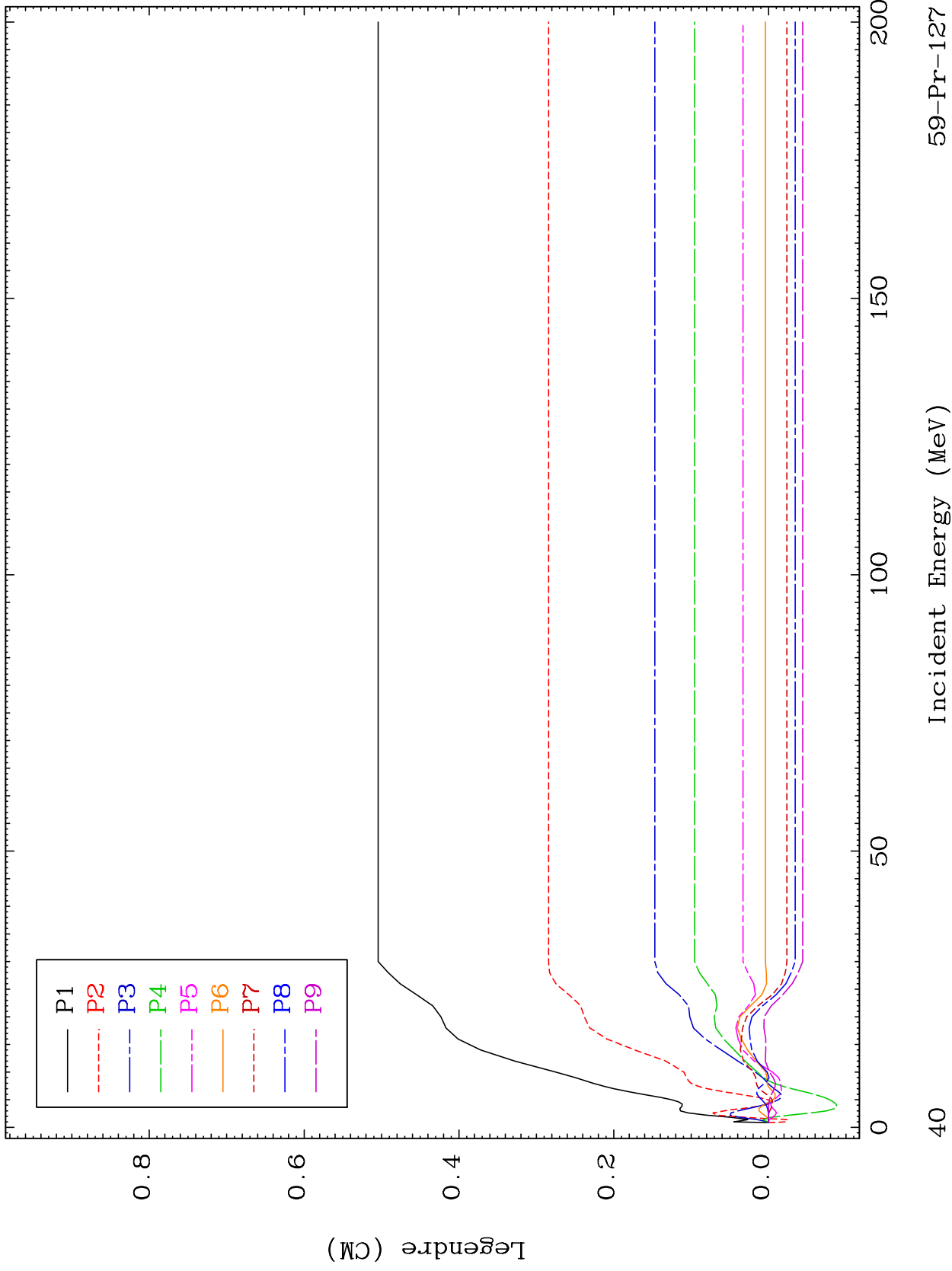




MAT 5883

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

59-Pr-127



59-Pr-127

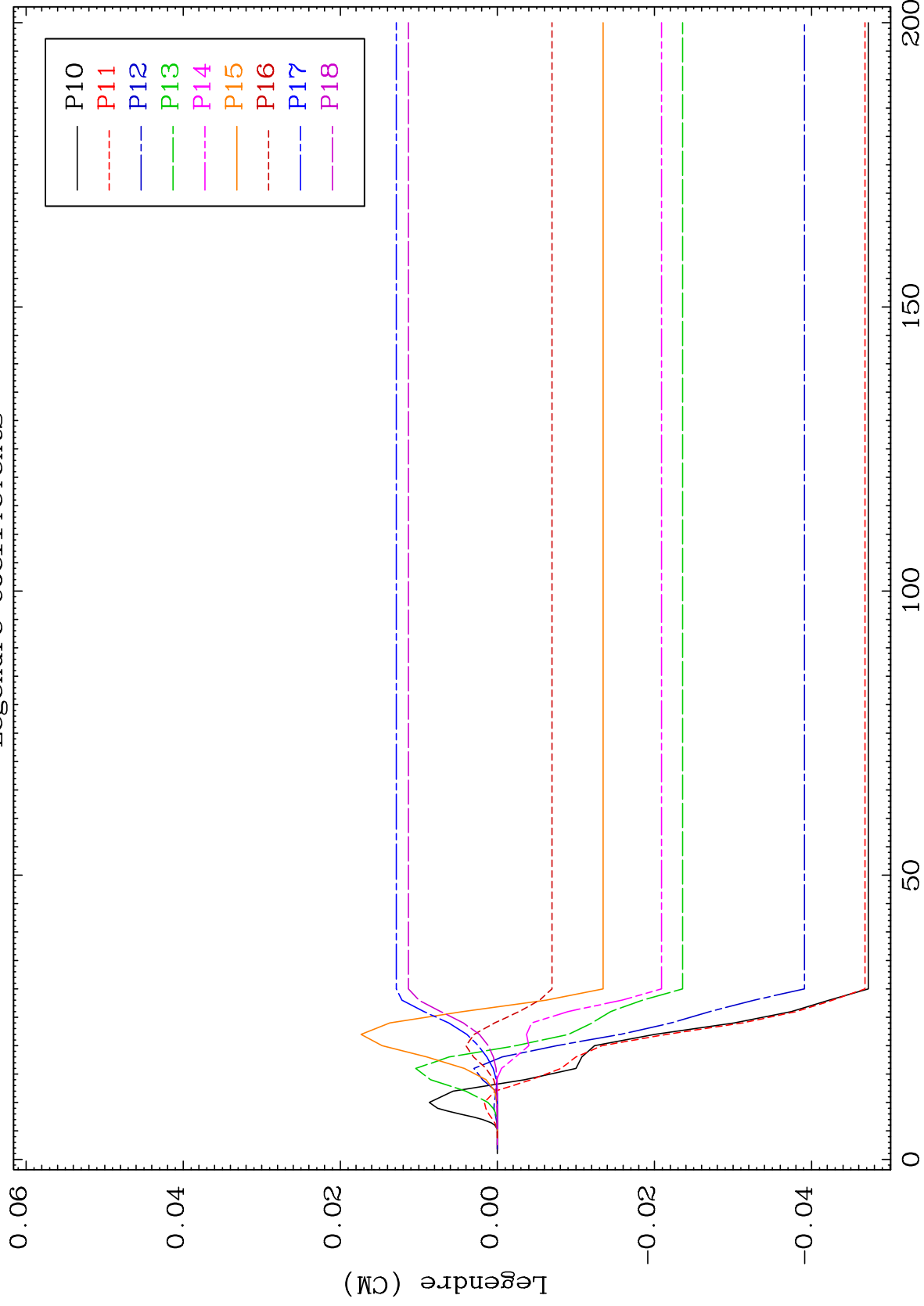
Incident Energy (MeV)

40

MAT 5883

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

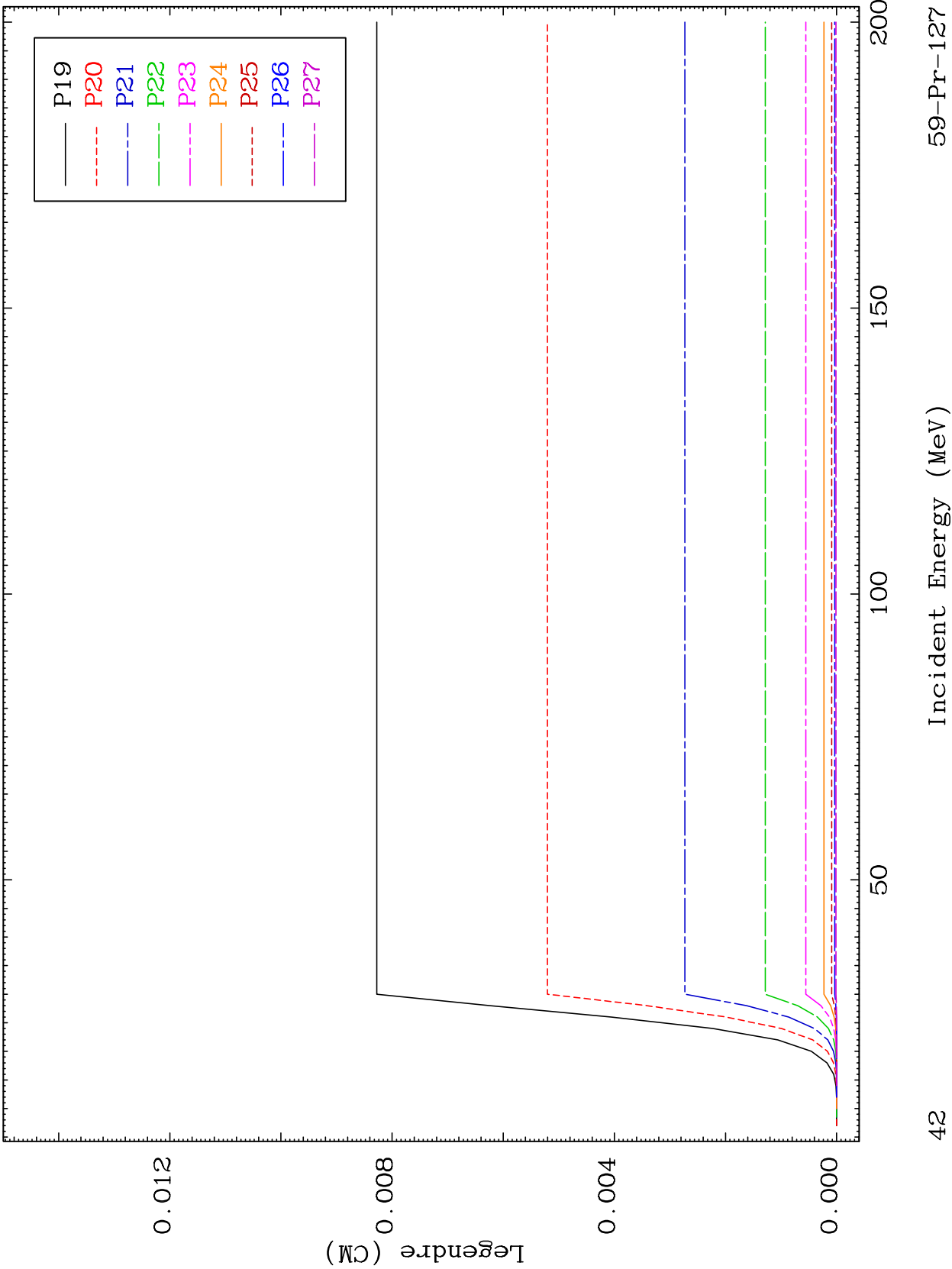
59-Pr-127



MAT 5883

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

59-Pr-127



42

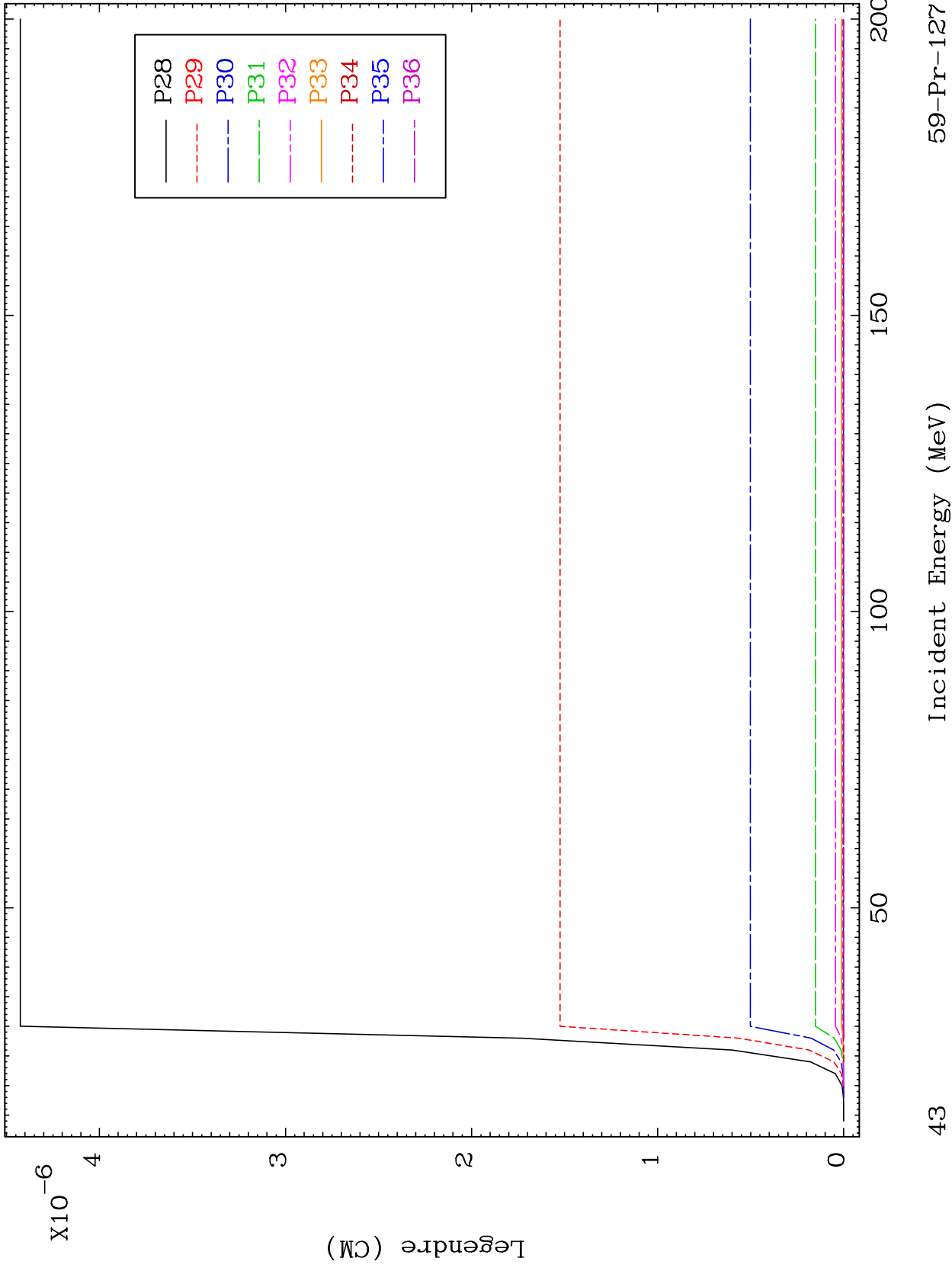
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



43

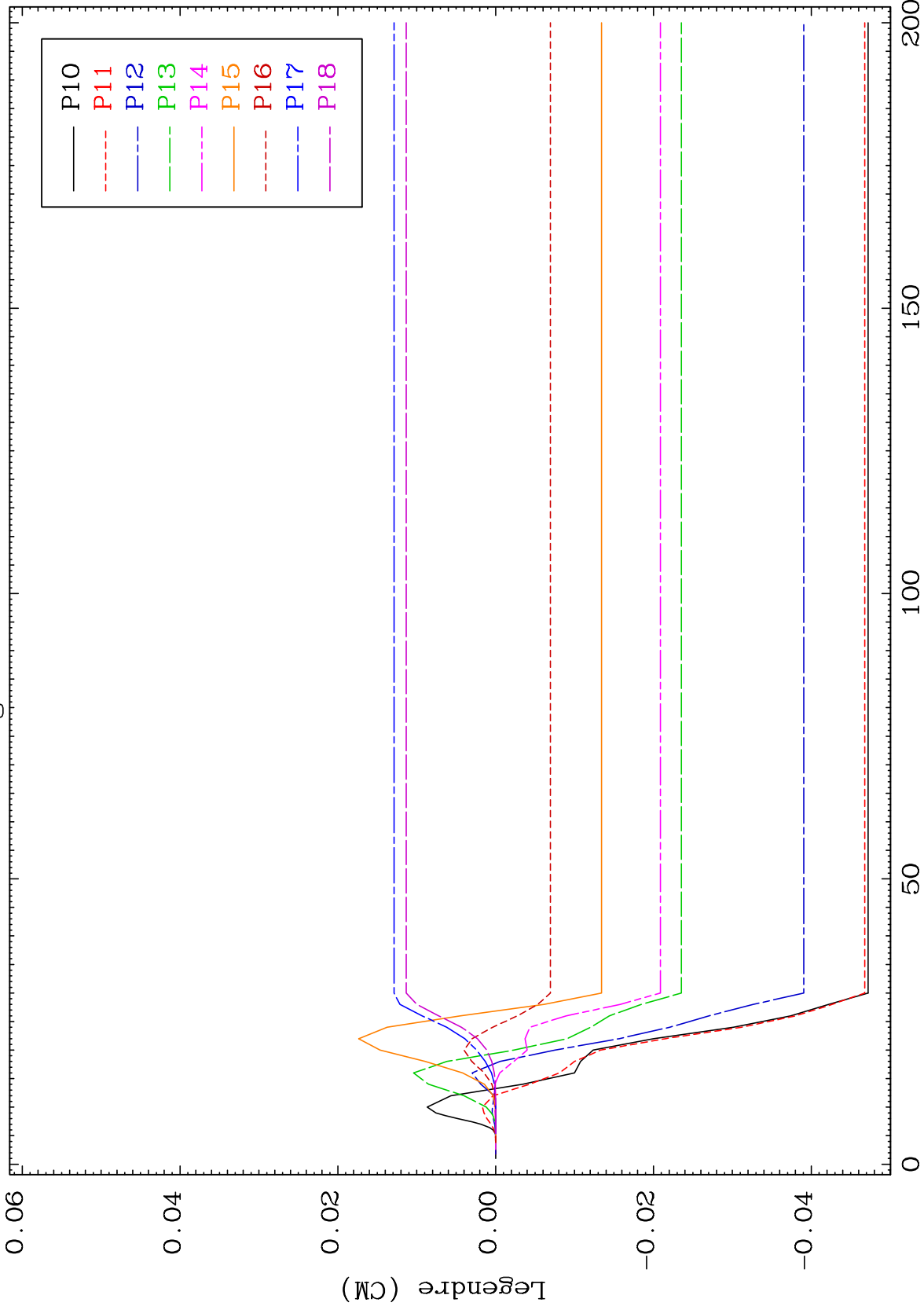
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



59-Pr-127

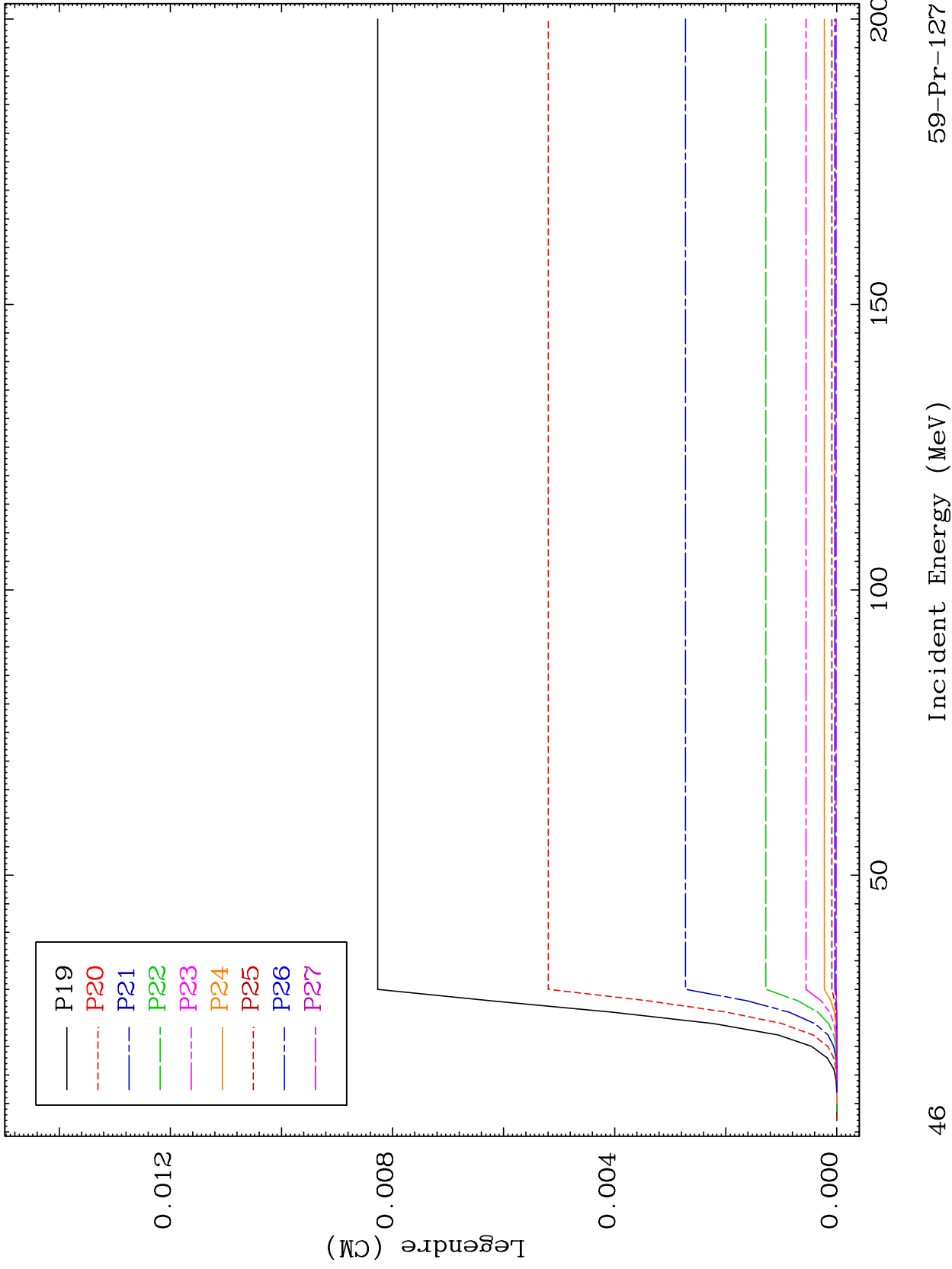
Incident Energy (MeV)

45

MAT 5883

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

59-Pr-127



46

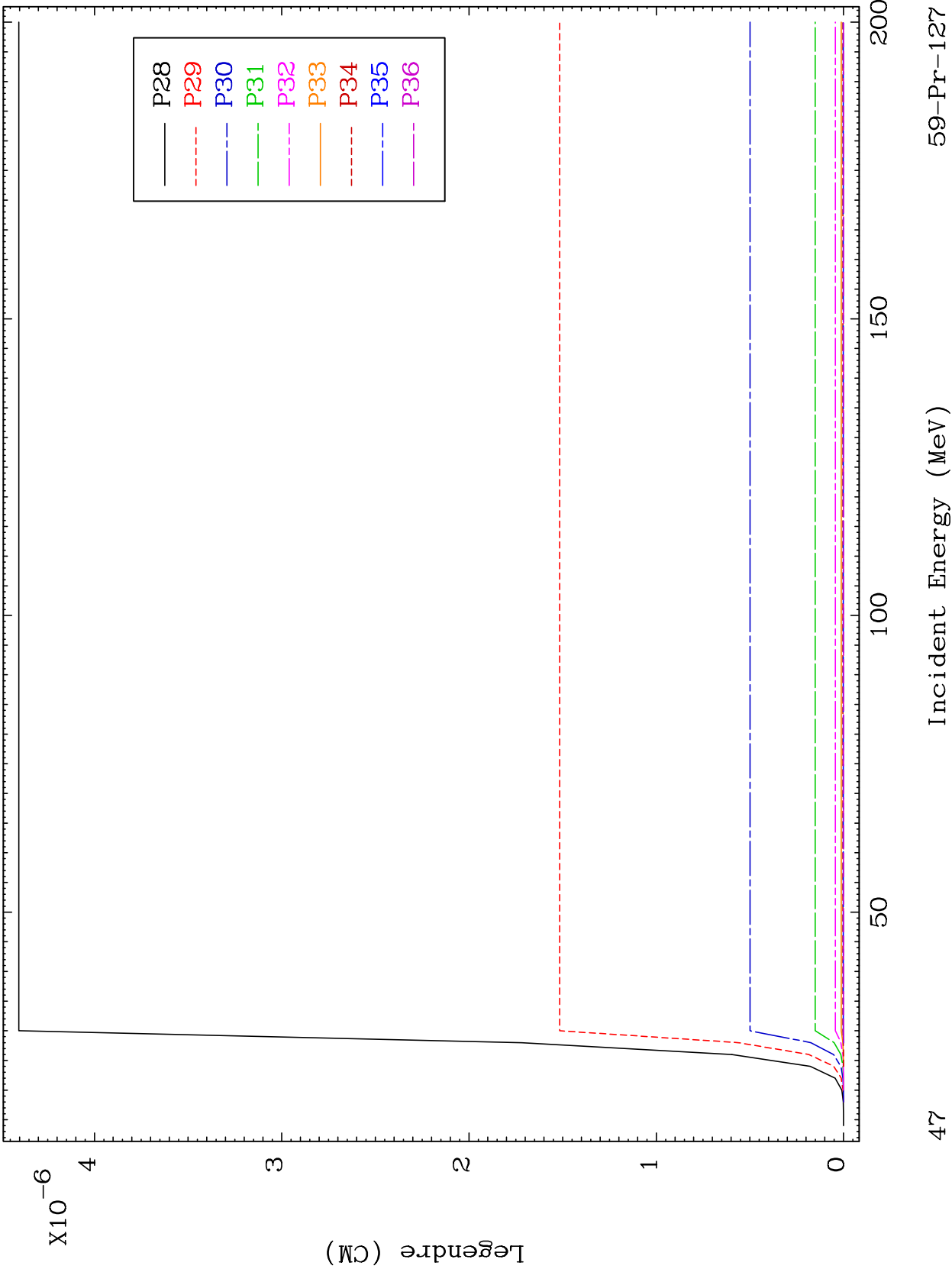
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



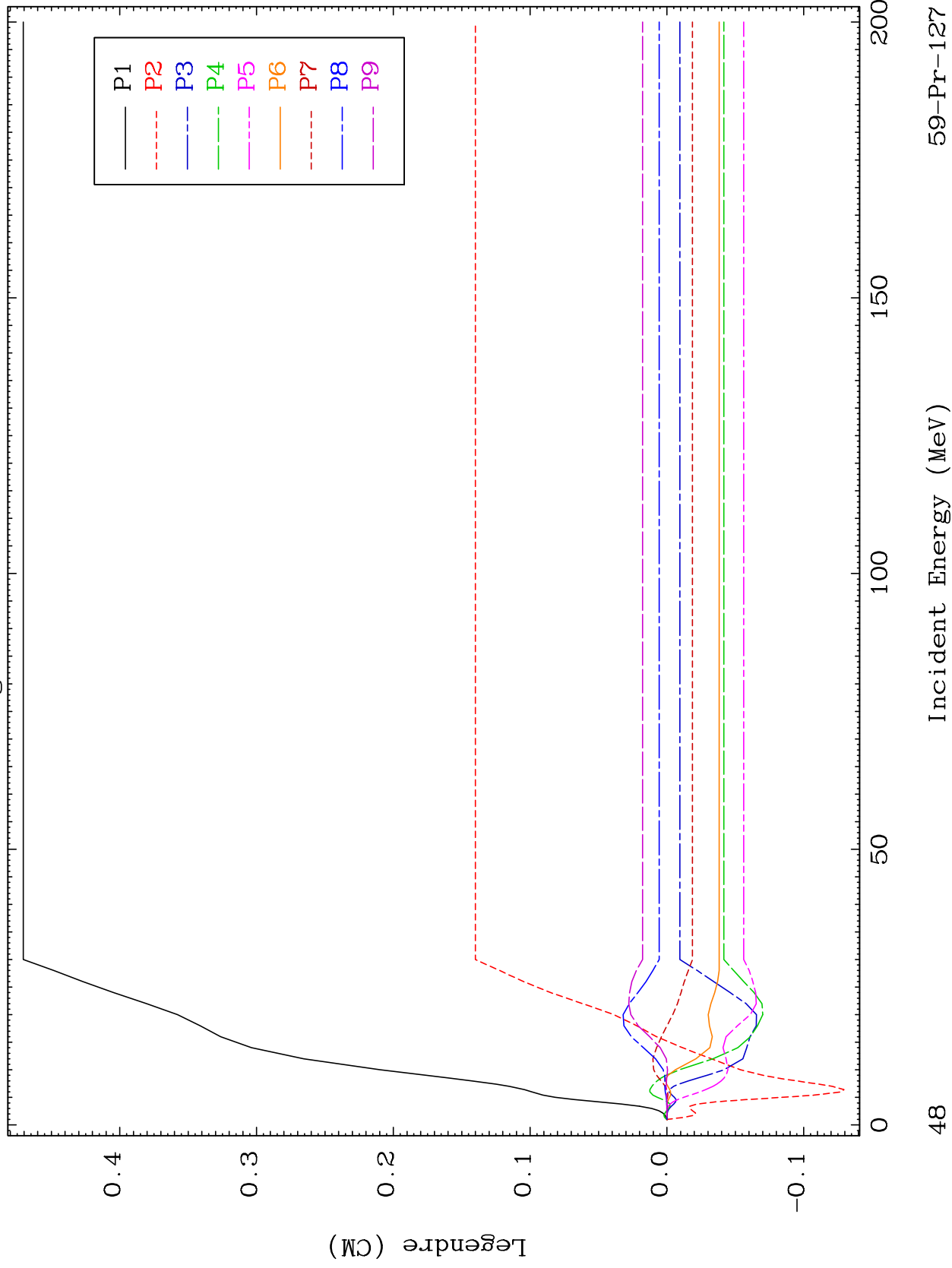
47

59-Pr-127

MAT 5883

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

59-Pr-127



59-Pr-127

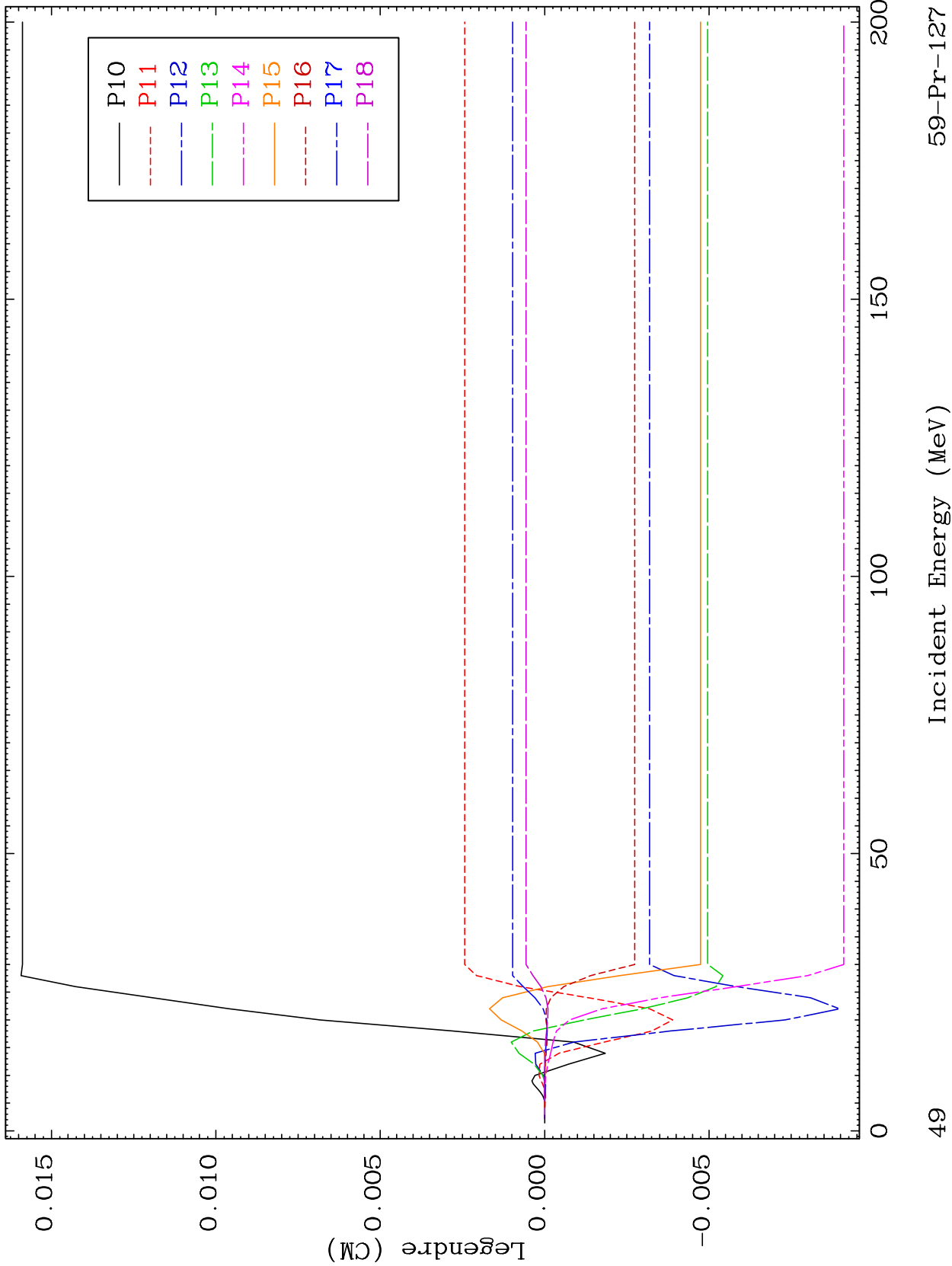
Incident Energy (MeV)

48

MAT 5883

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

59-Pr-127



59-Pr-127

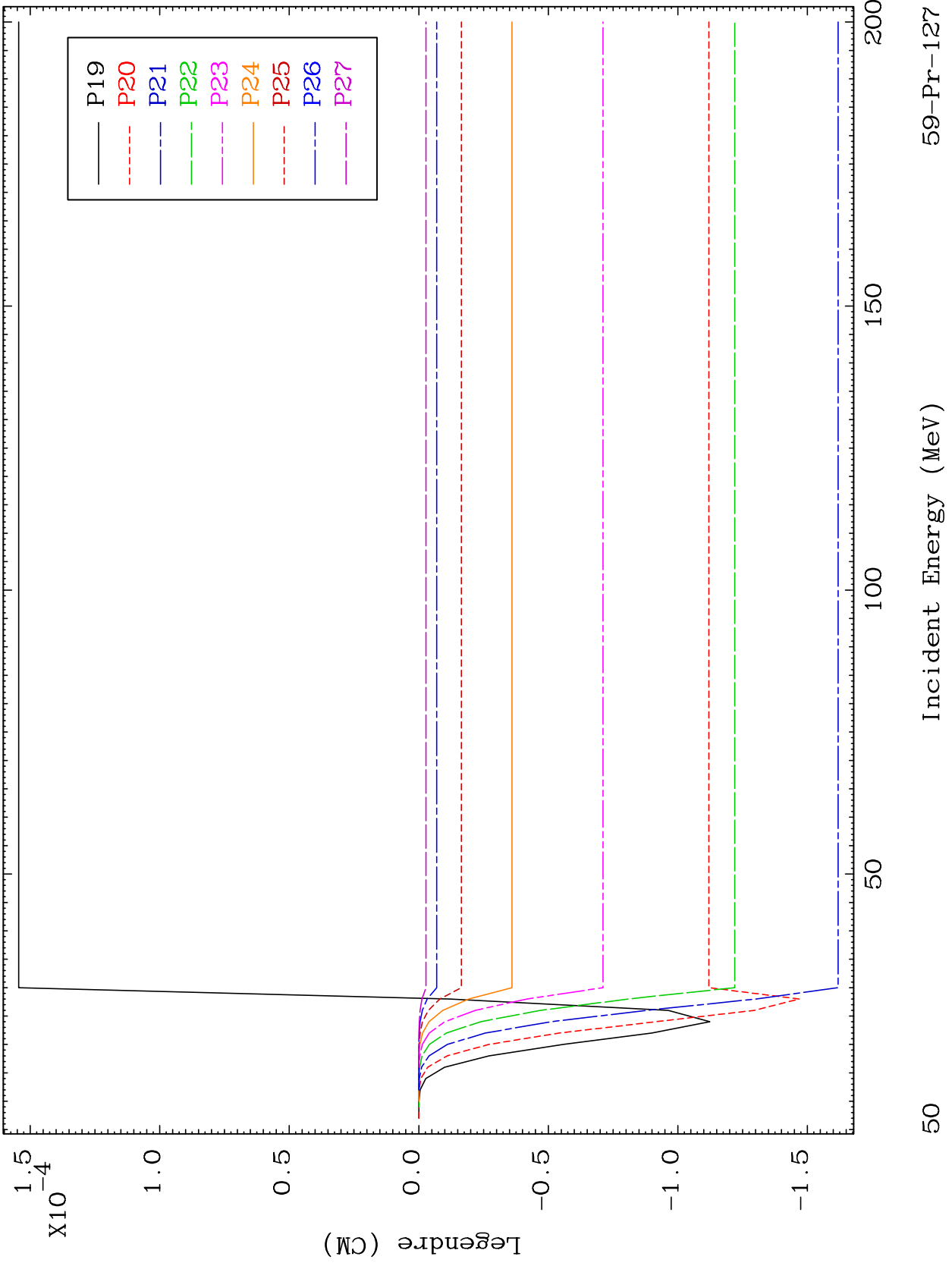
Incident Energy (MeV)

49

MAT 5883

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

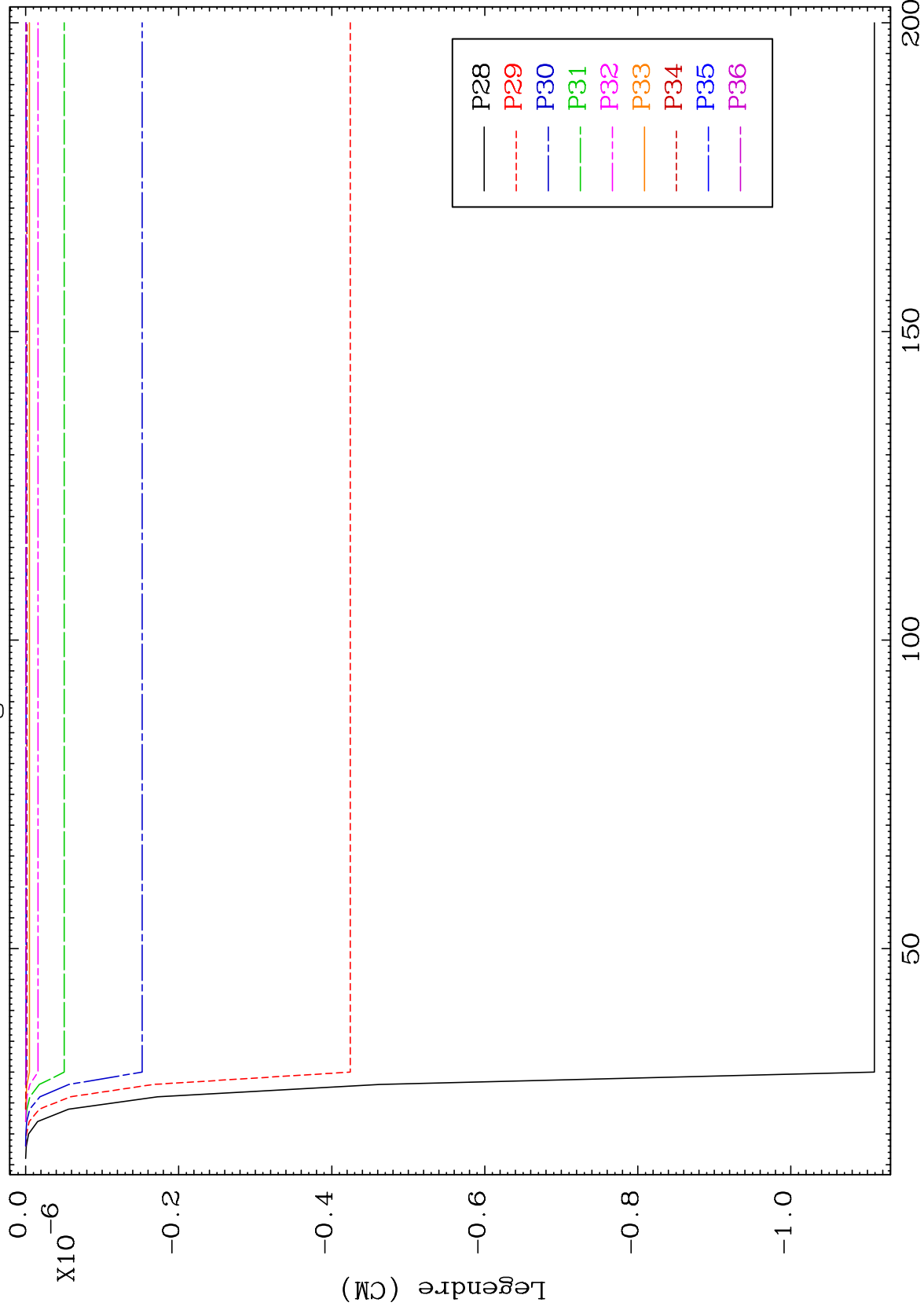
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59-Pr-127

Incident Energy (MeV)

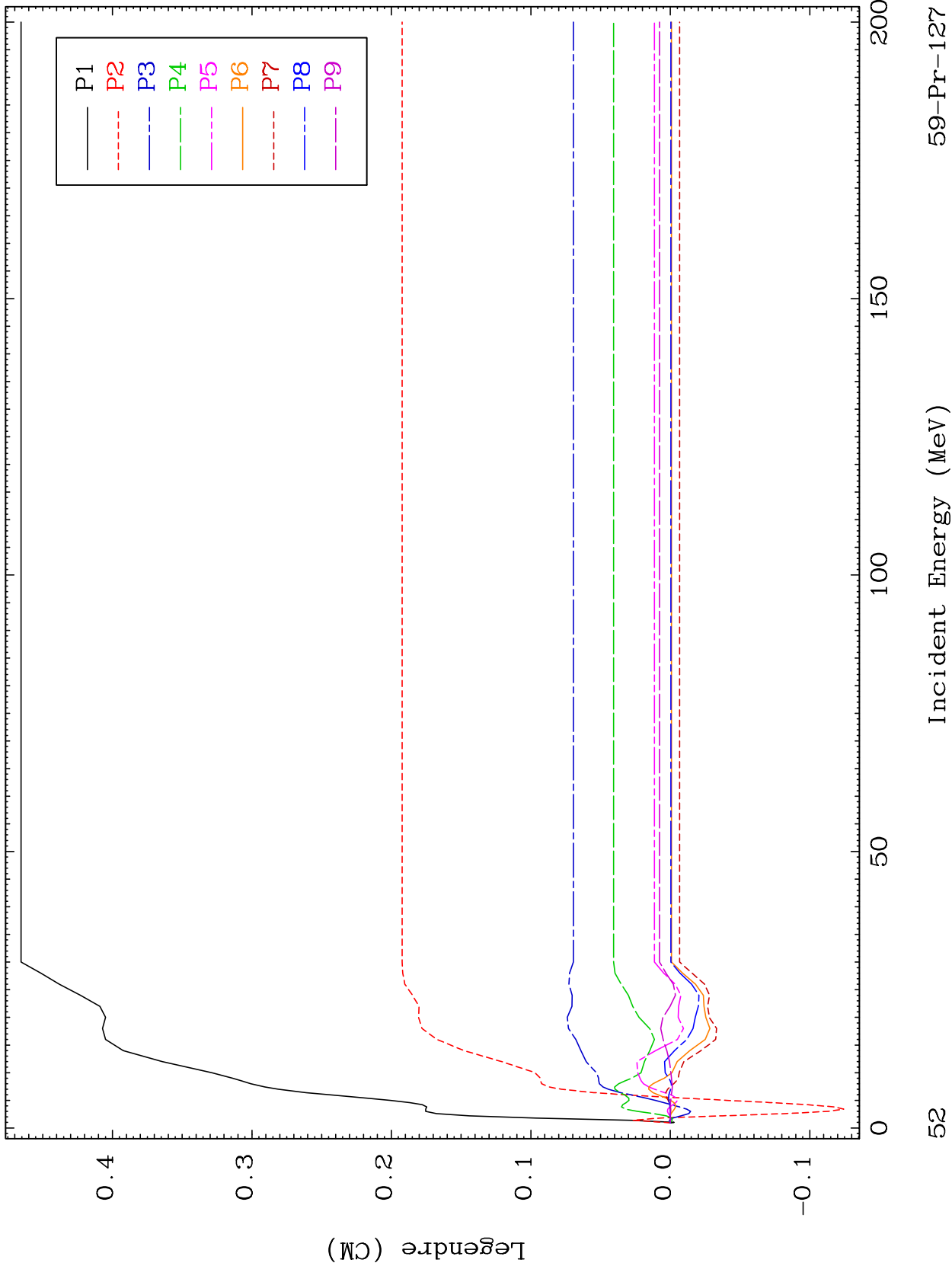
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MAT 5883

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

59-Pr-127



59-Pr-127

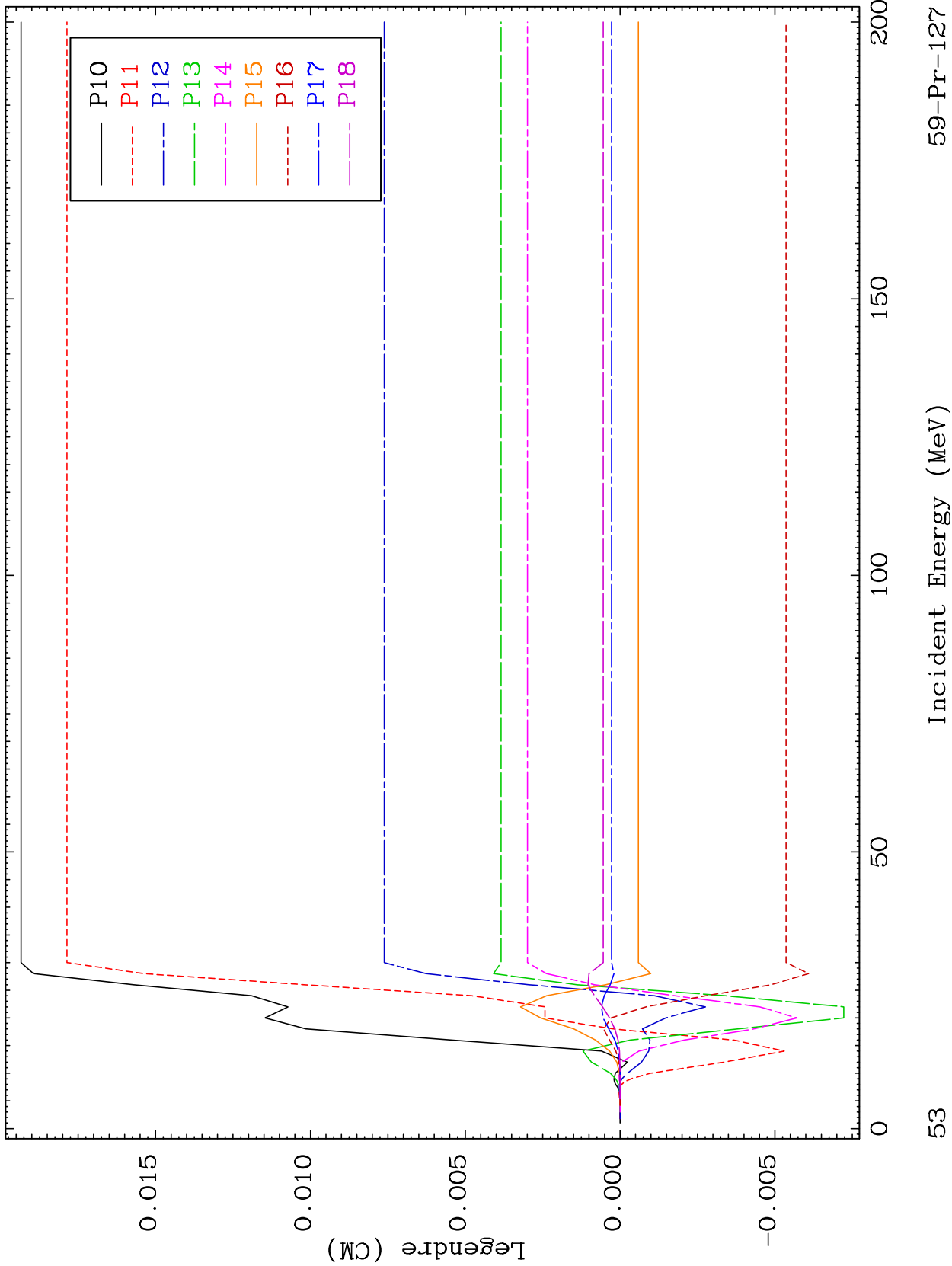
Incident Energy (MeV)

52

MAT 5883

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

59-Pr-127



53

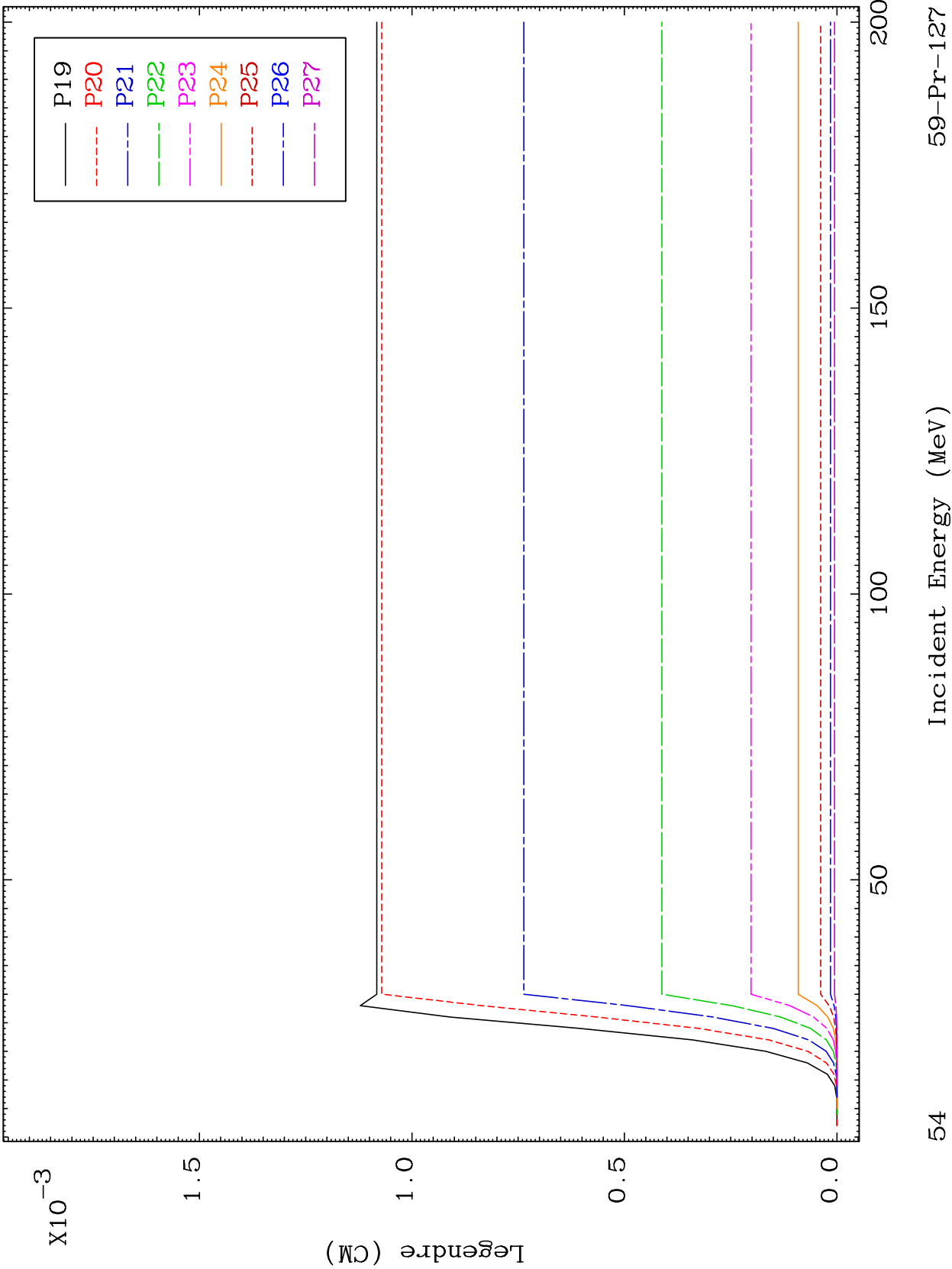
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



54

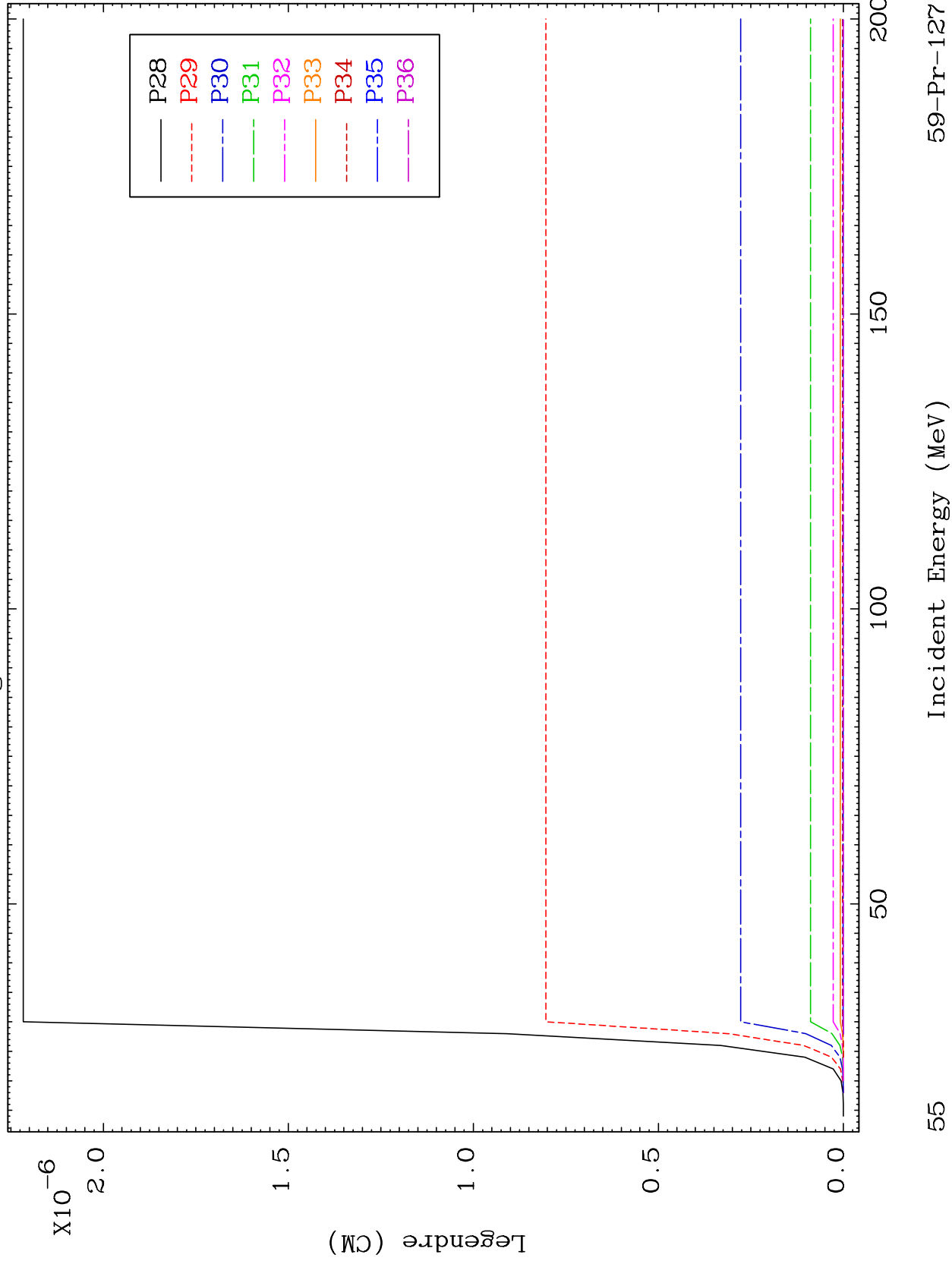
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



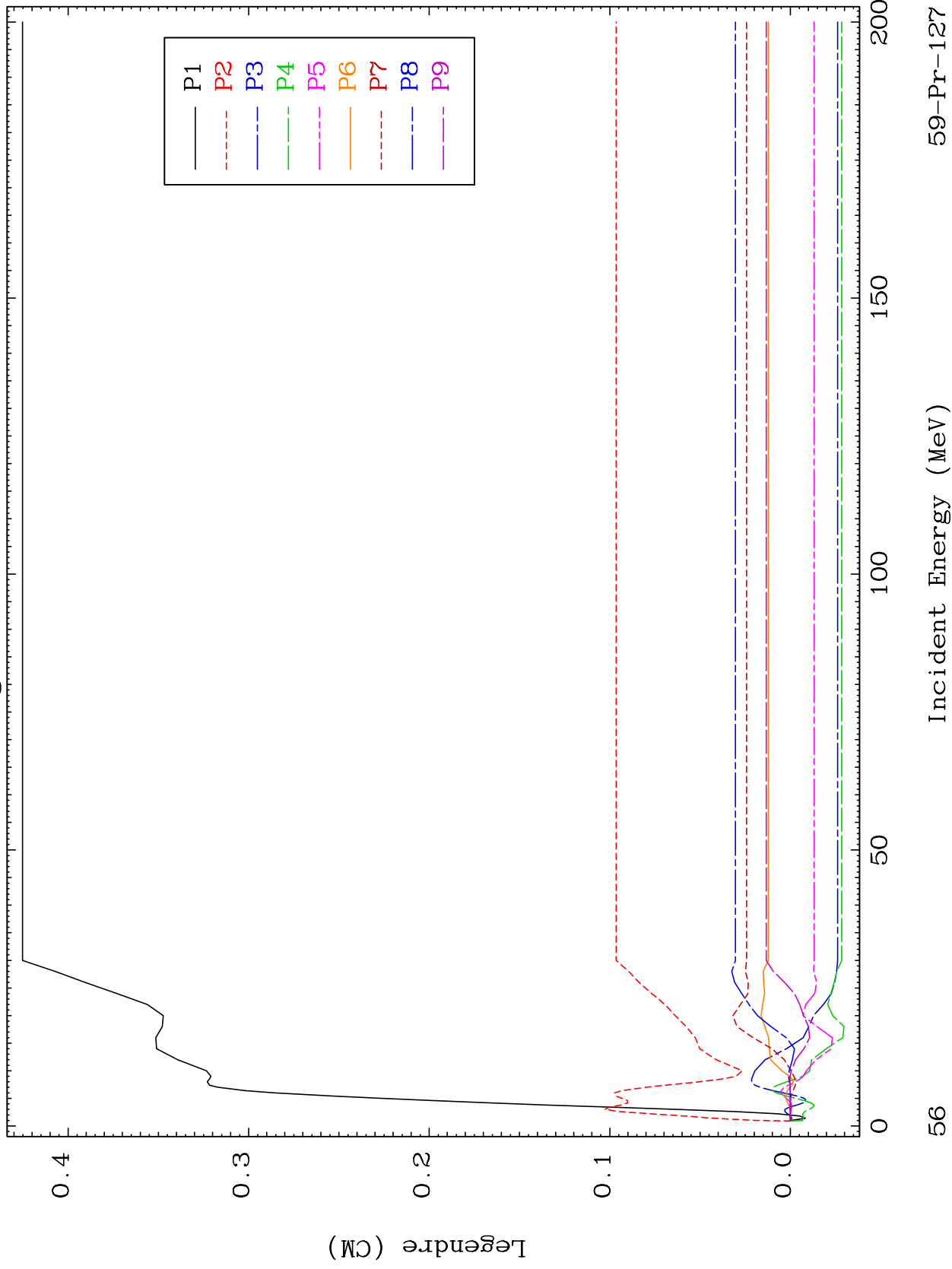
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59-Pr-127

MAT 5883

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

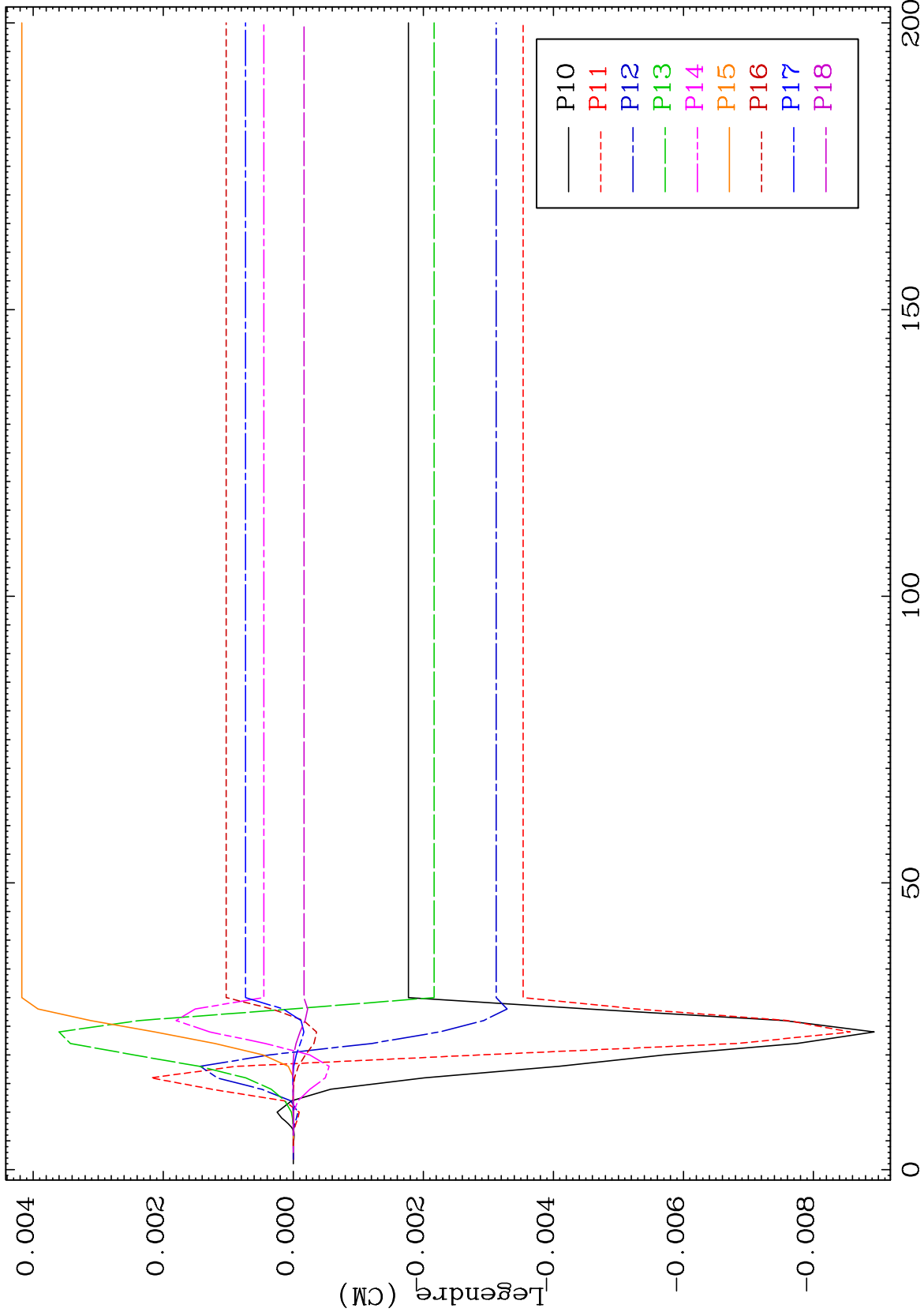
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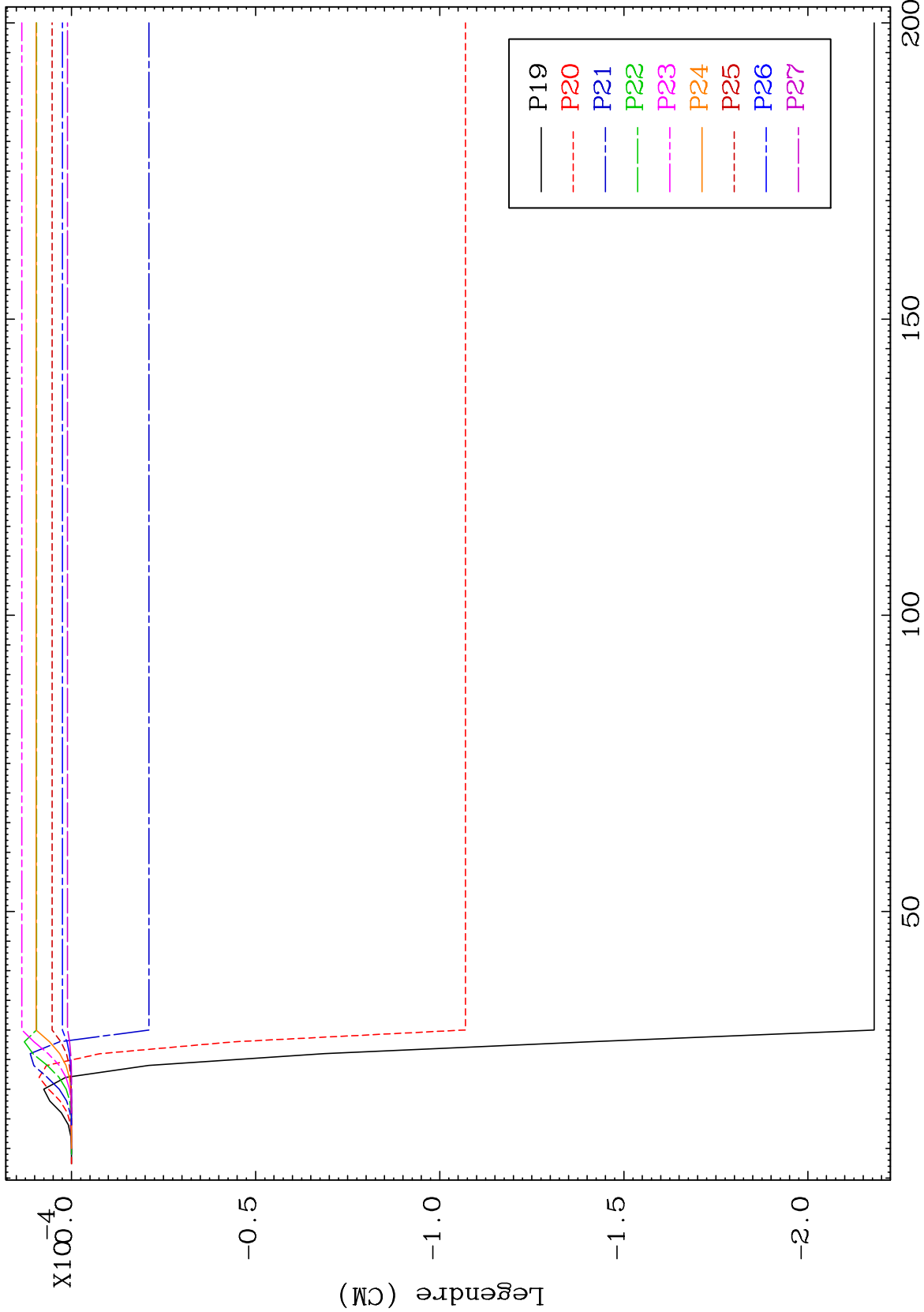


59-Pr-127

Incident Energy (MeV)

56

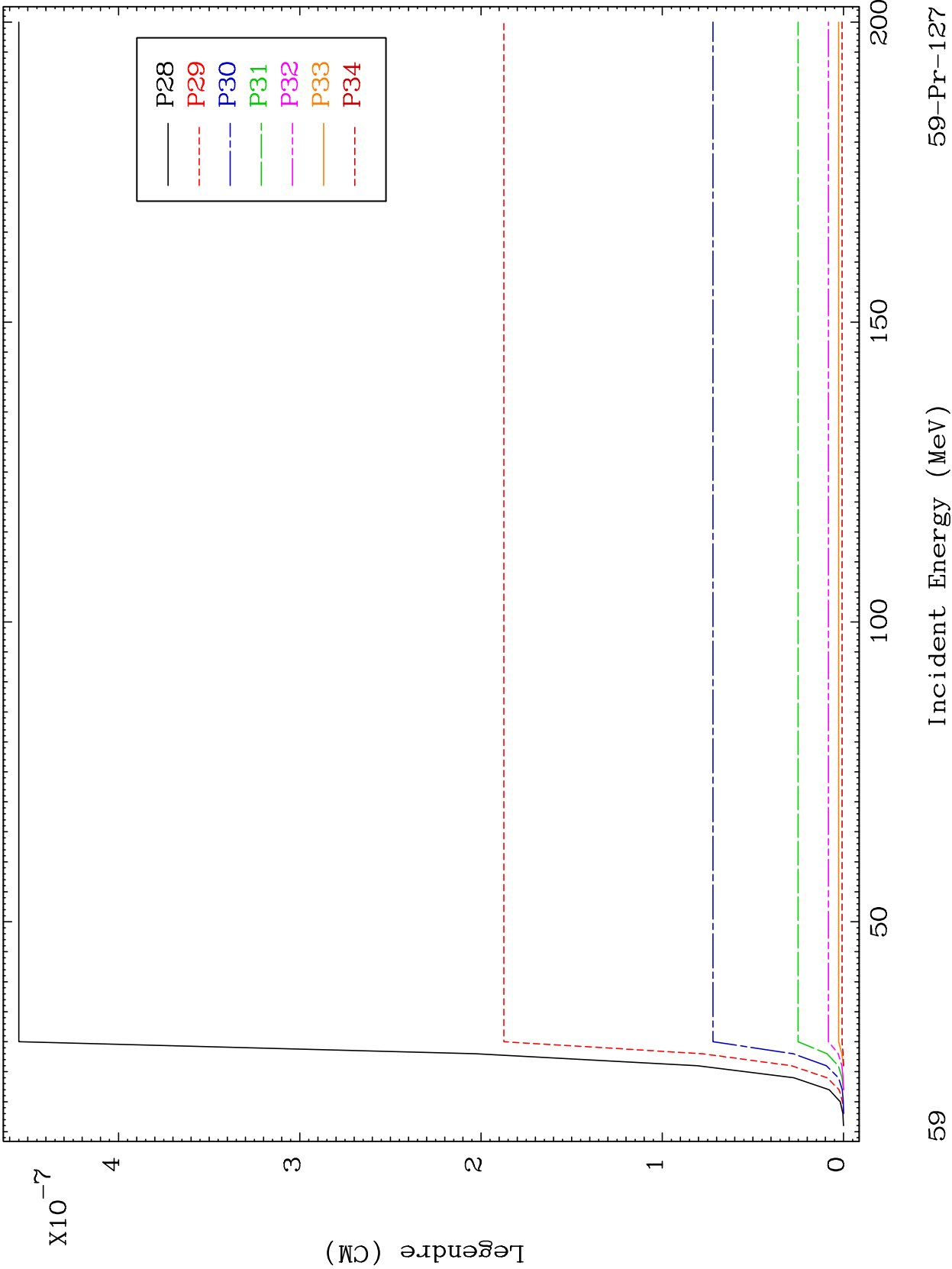




MAT 5883

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

59-Pr-127



59

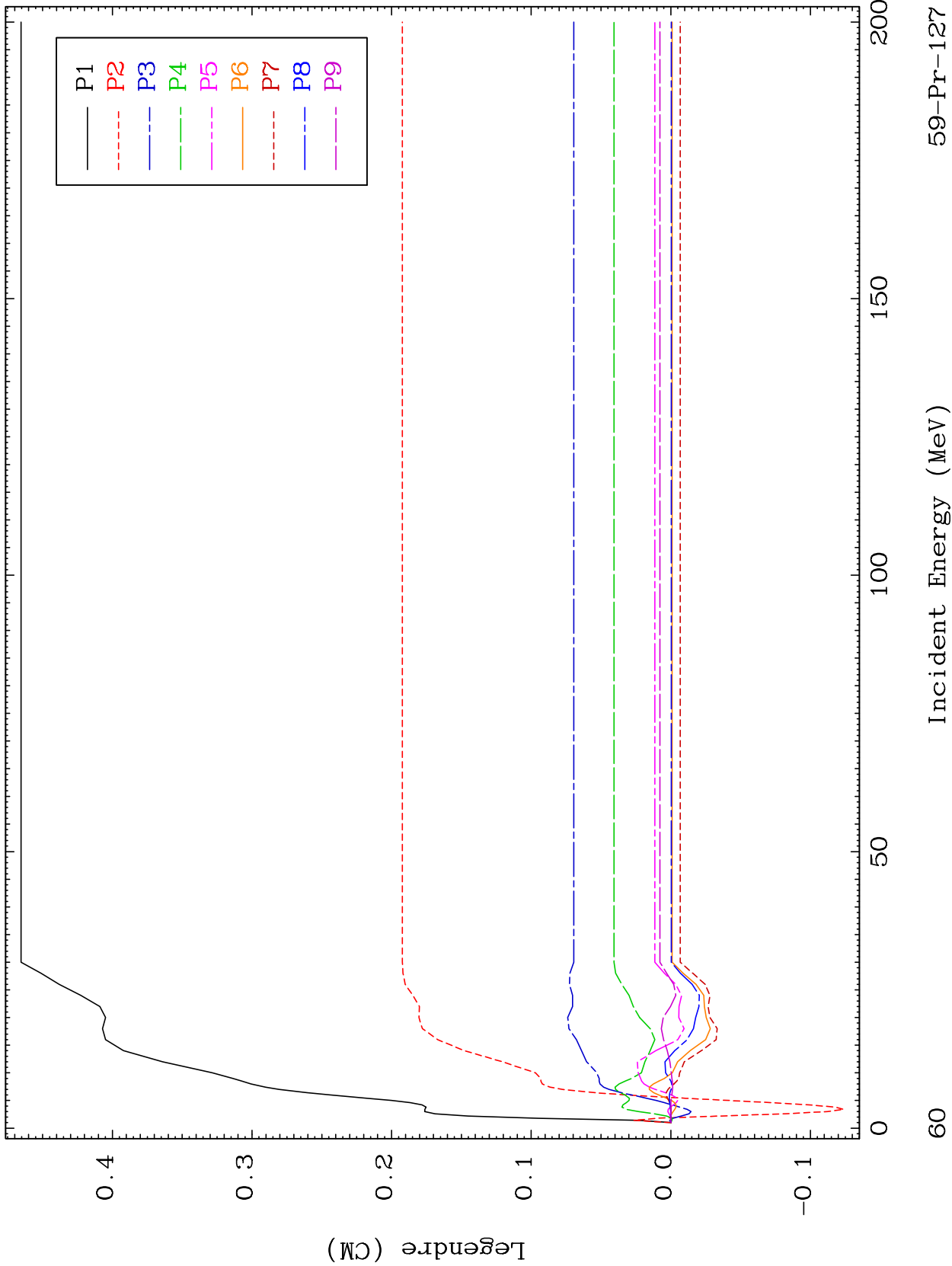
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127

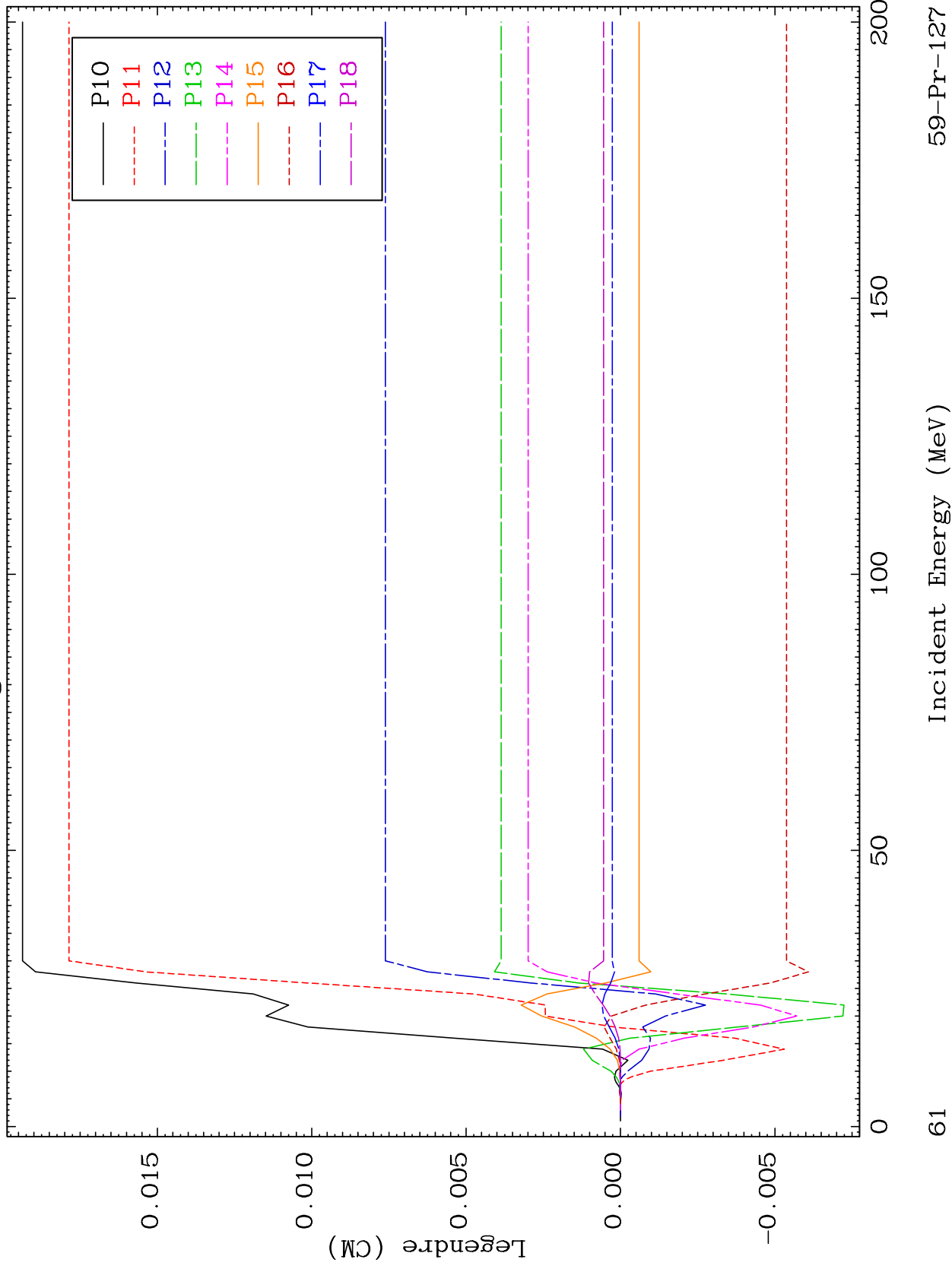


59-Pr-127

MAT 5883

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

59-Pr-127



59-Pr-127

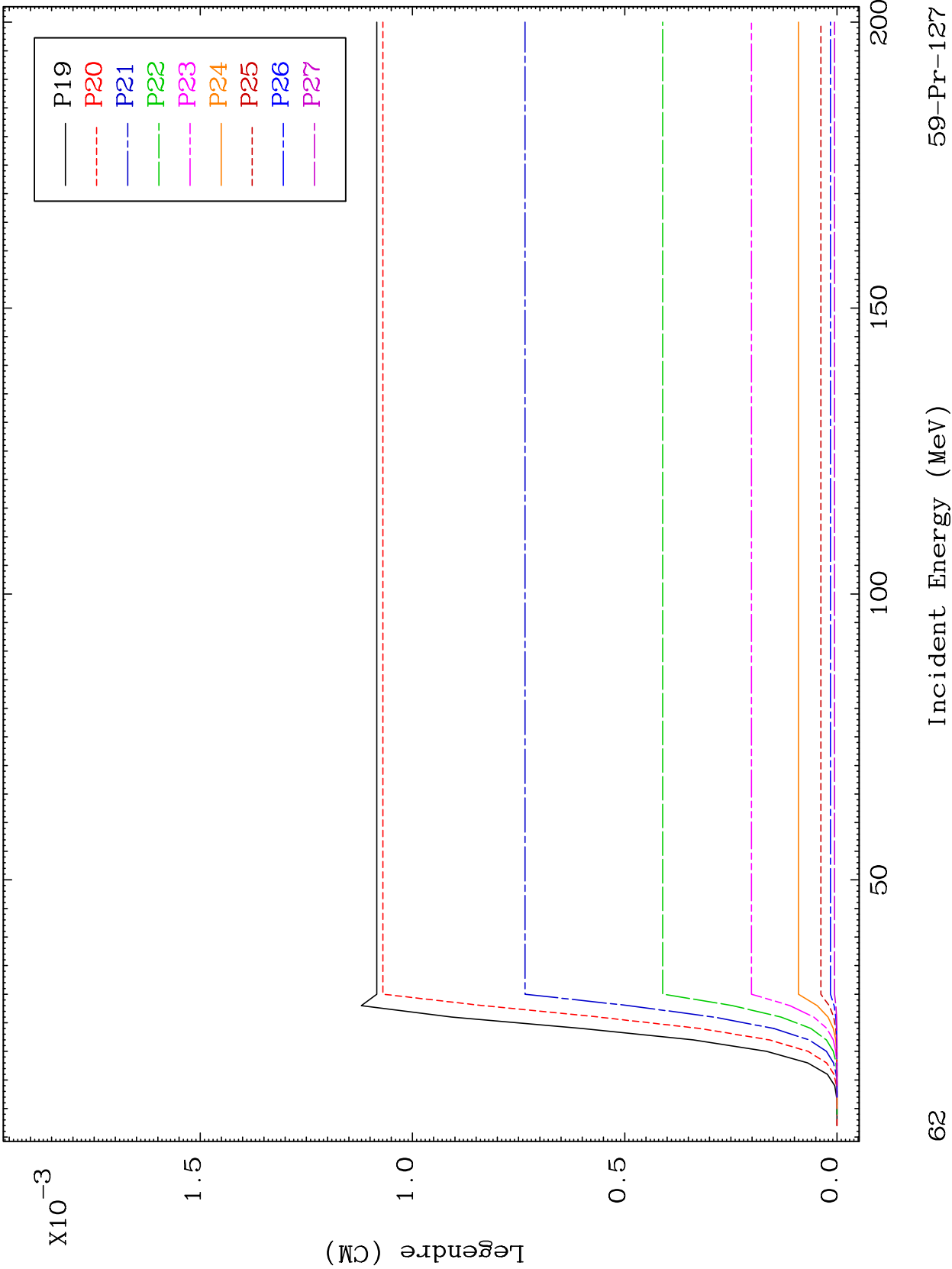
Incident Energy (MeV)

61

MAT 5883

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

59-Pr-127



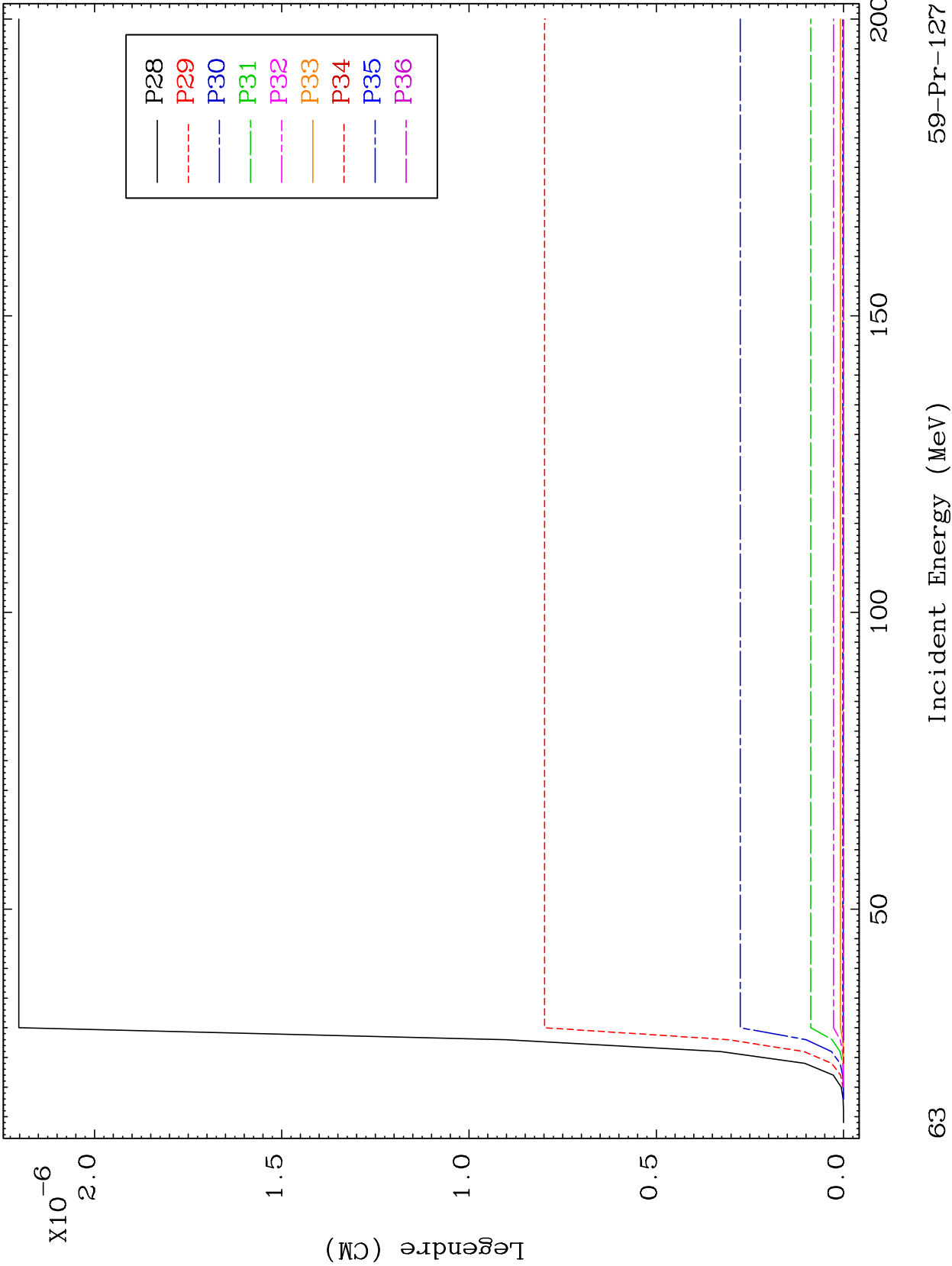
62

59-Pr-127

MAT 5883

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

59-Pr-127



63

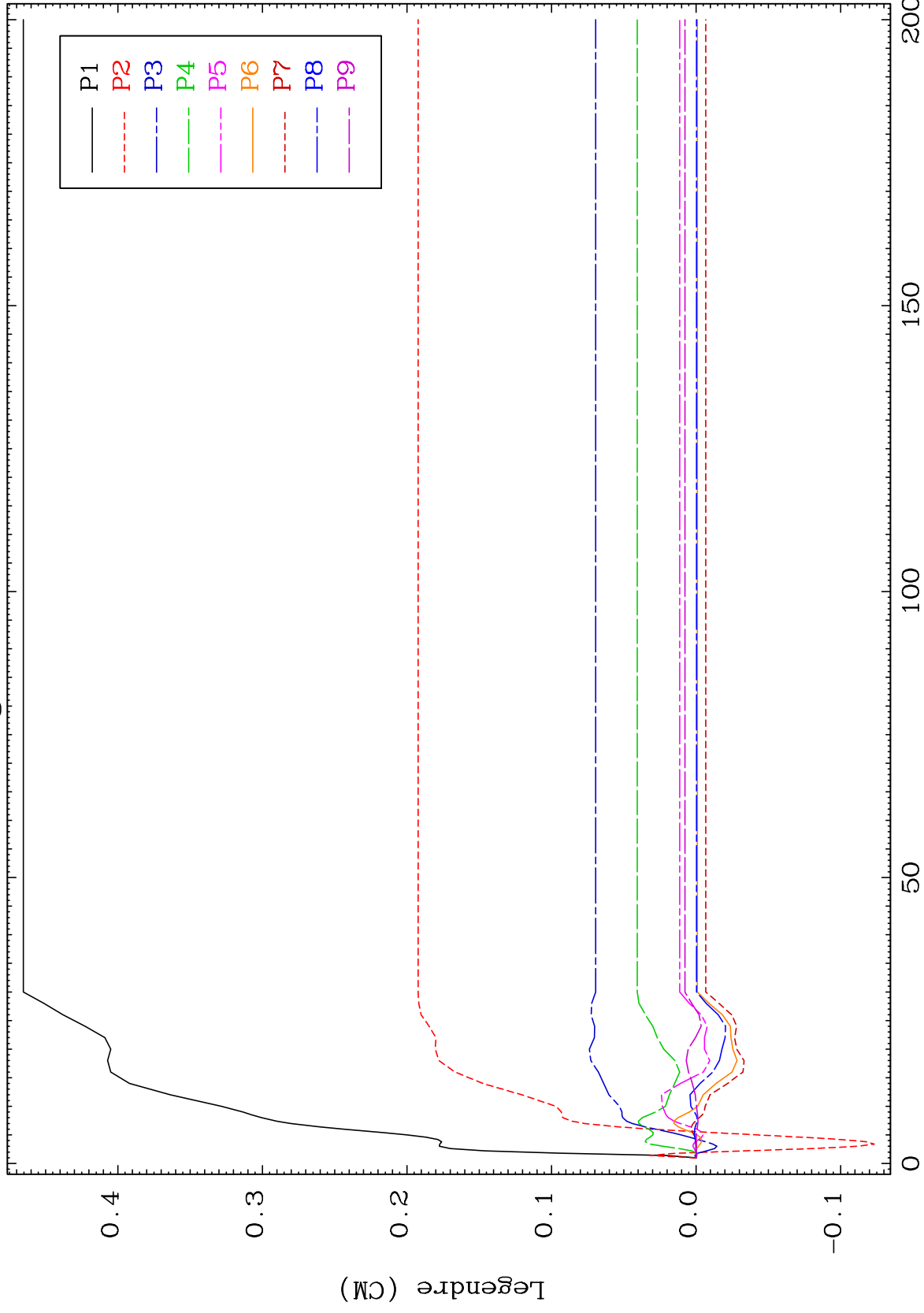
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



64

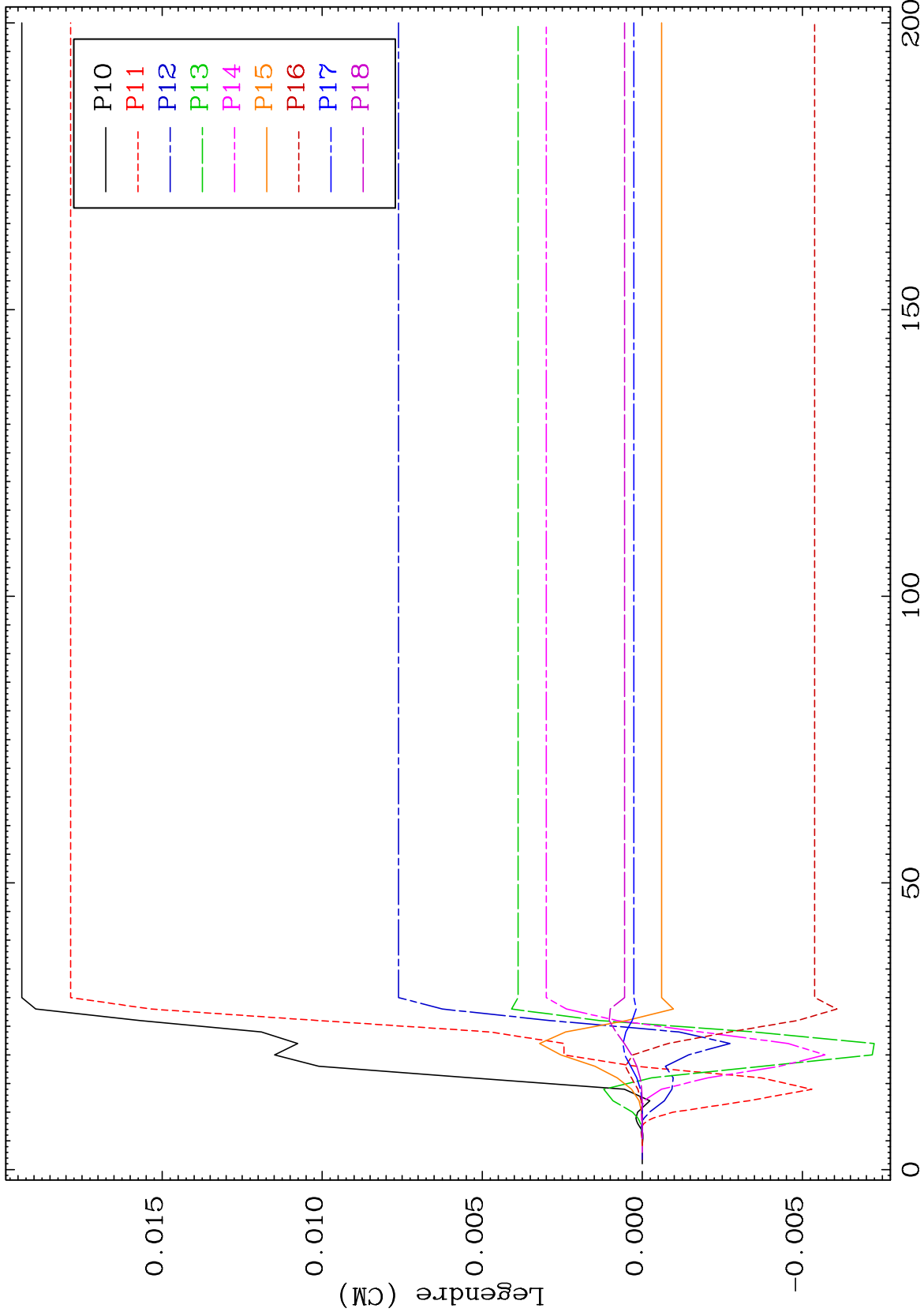
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



65

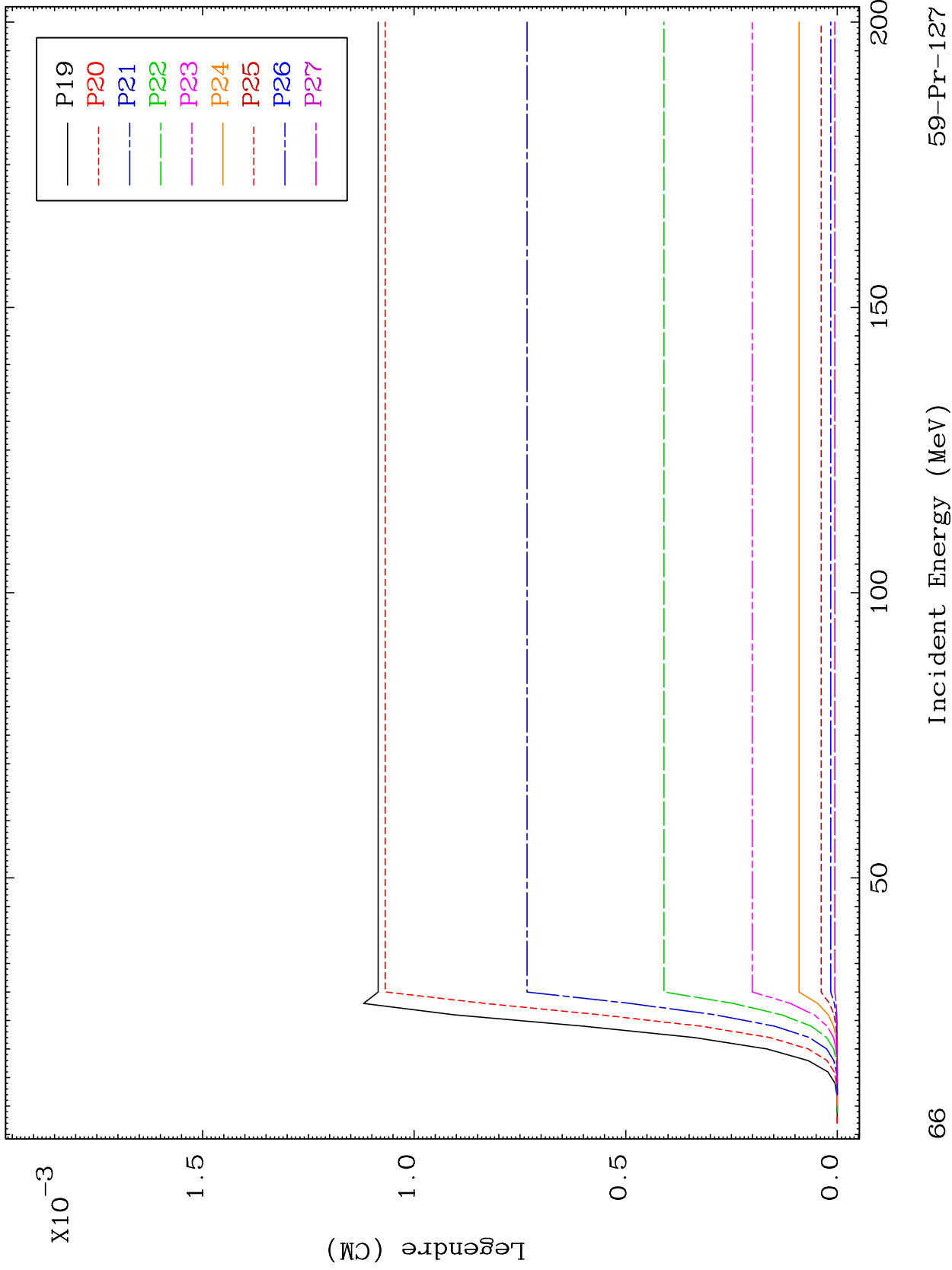
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



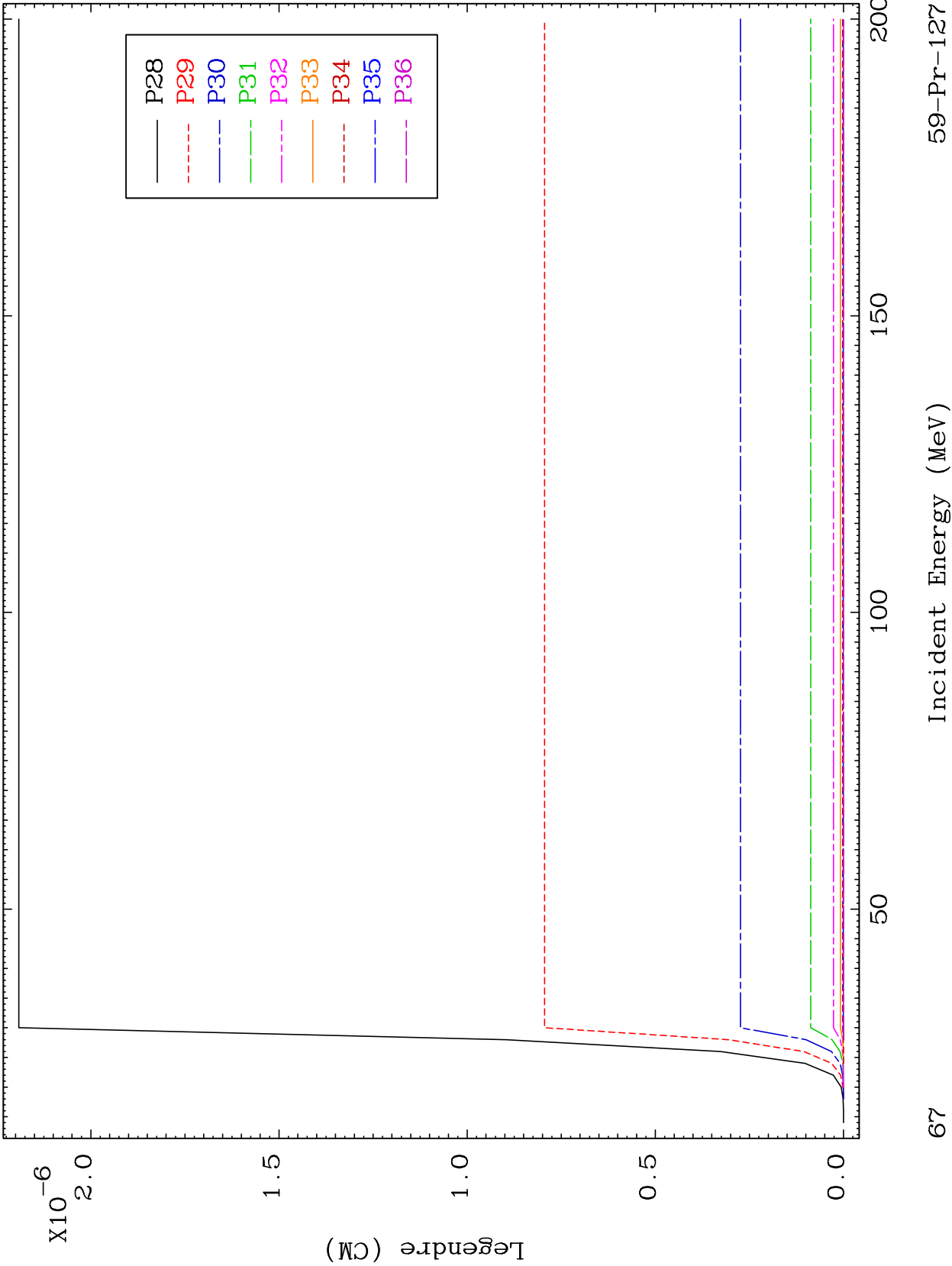
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59-Pr-127

MAT 5883

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

59-Pr-127



67

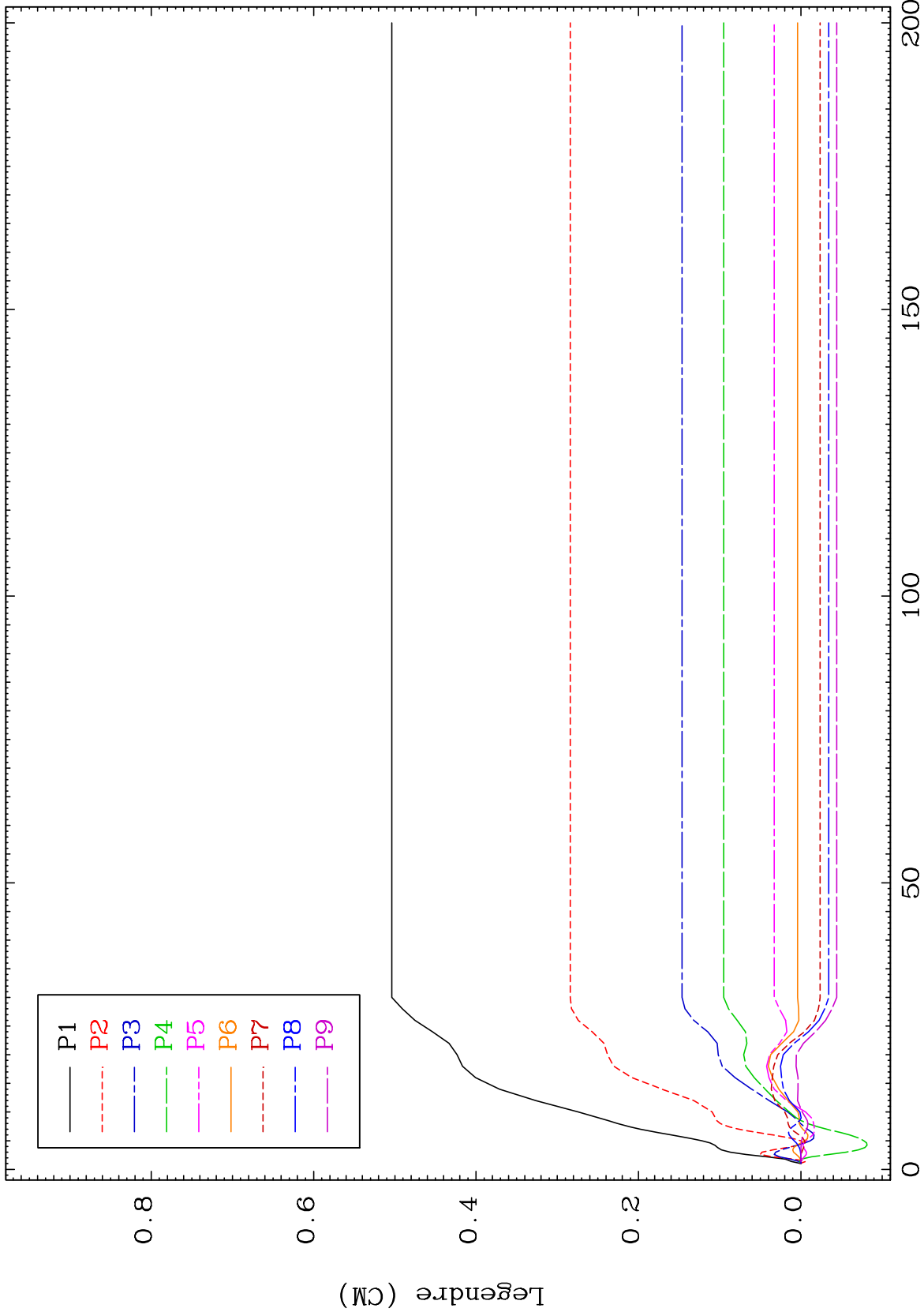
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



68

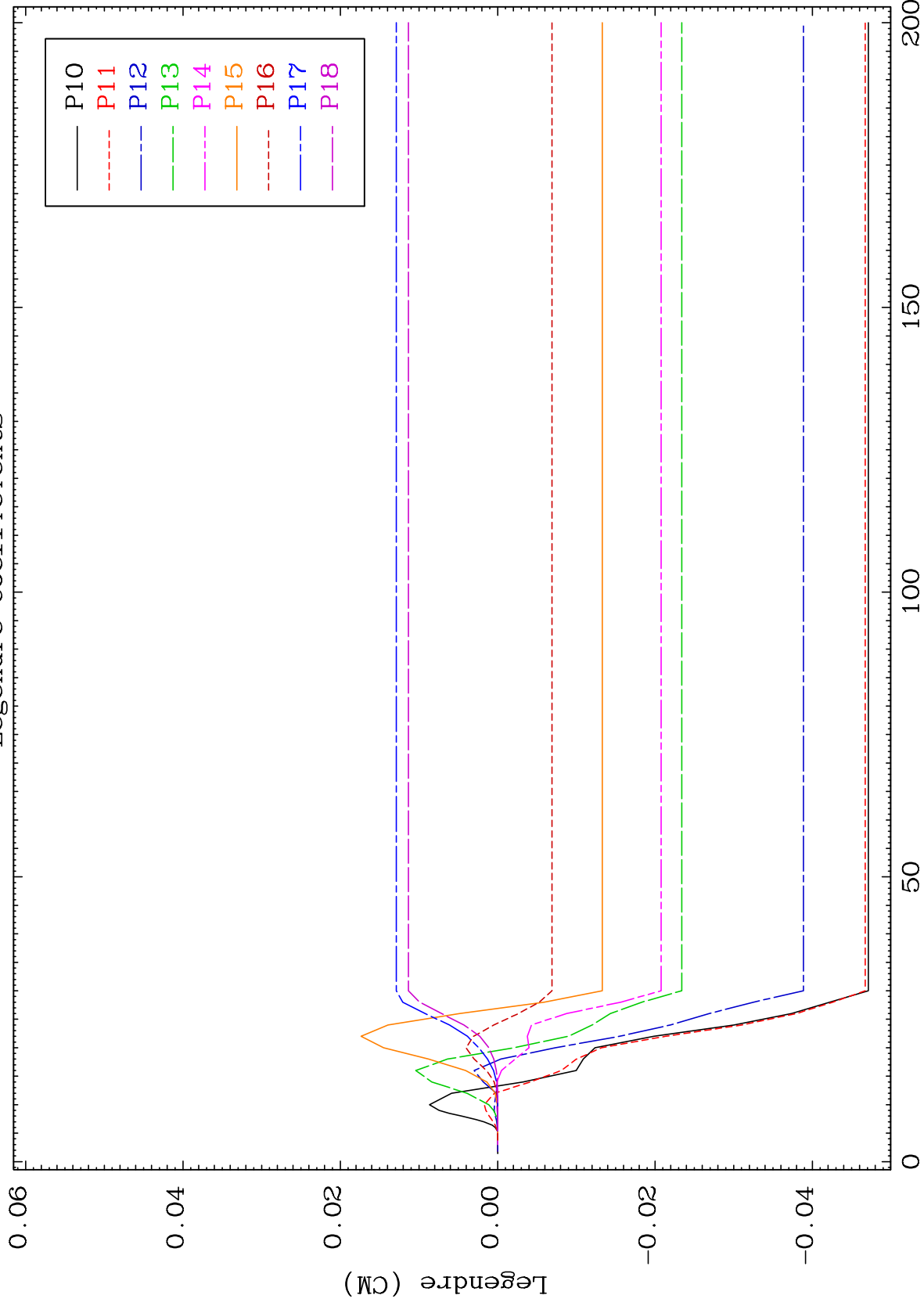
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



69

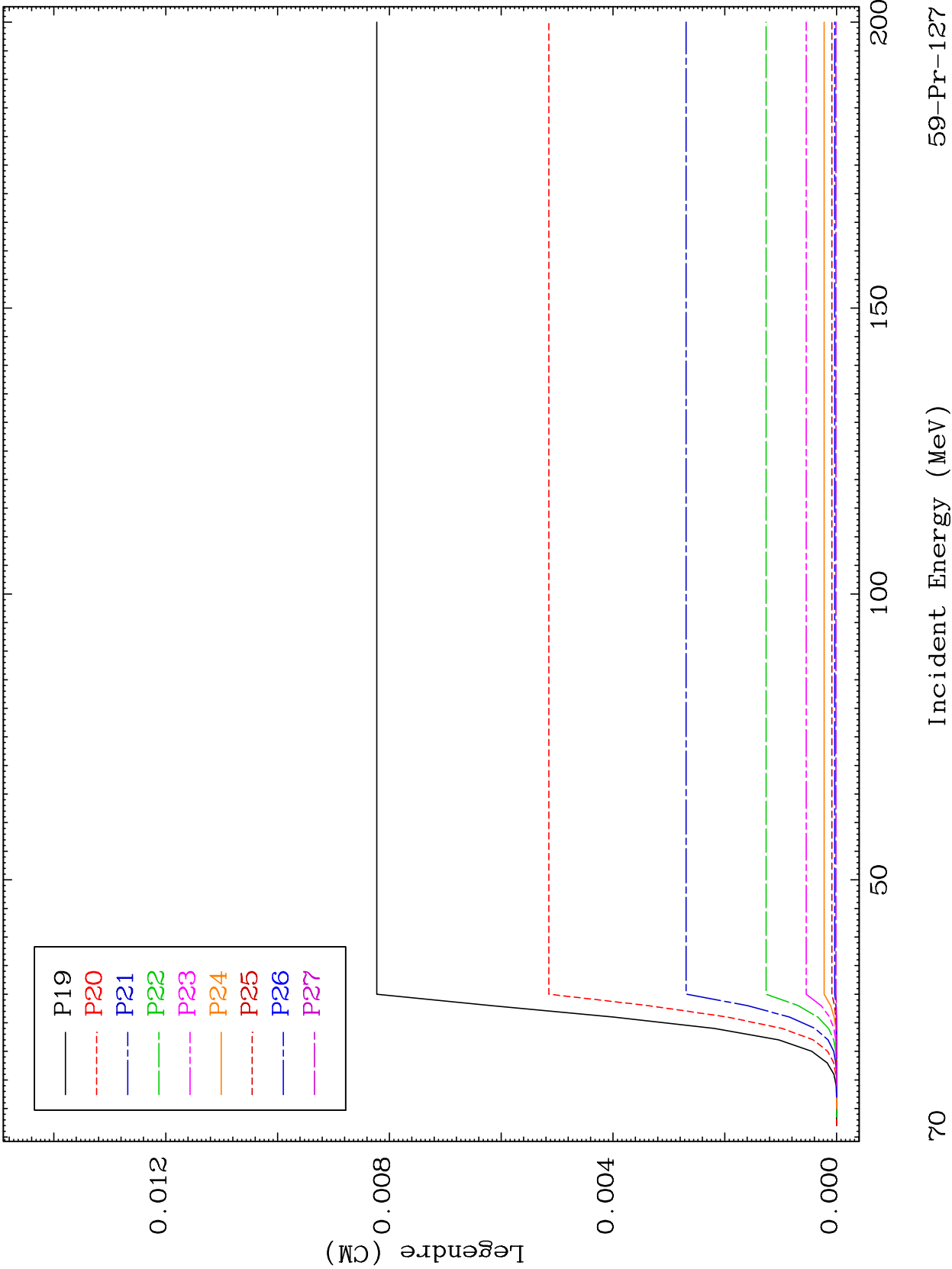
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



70

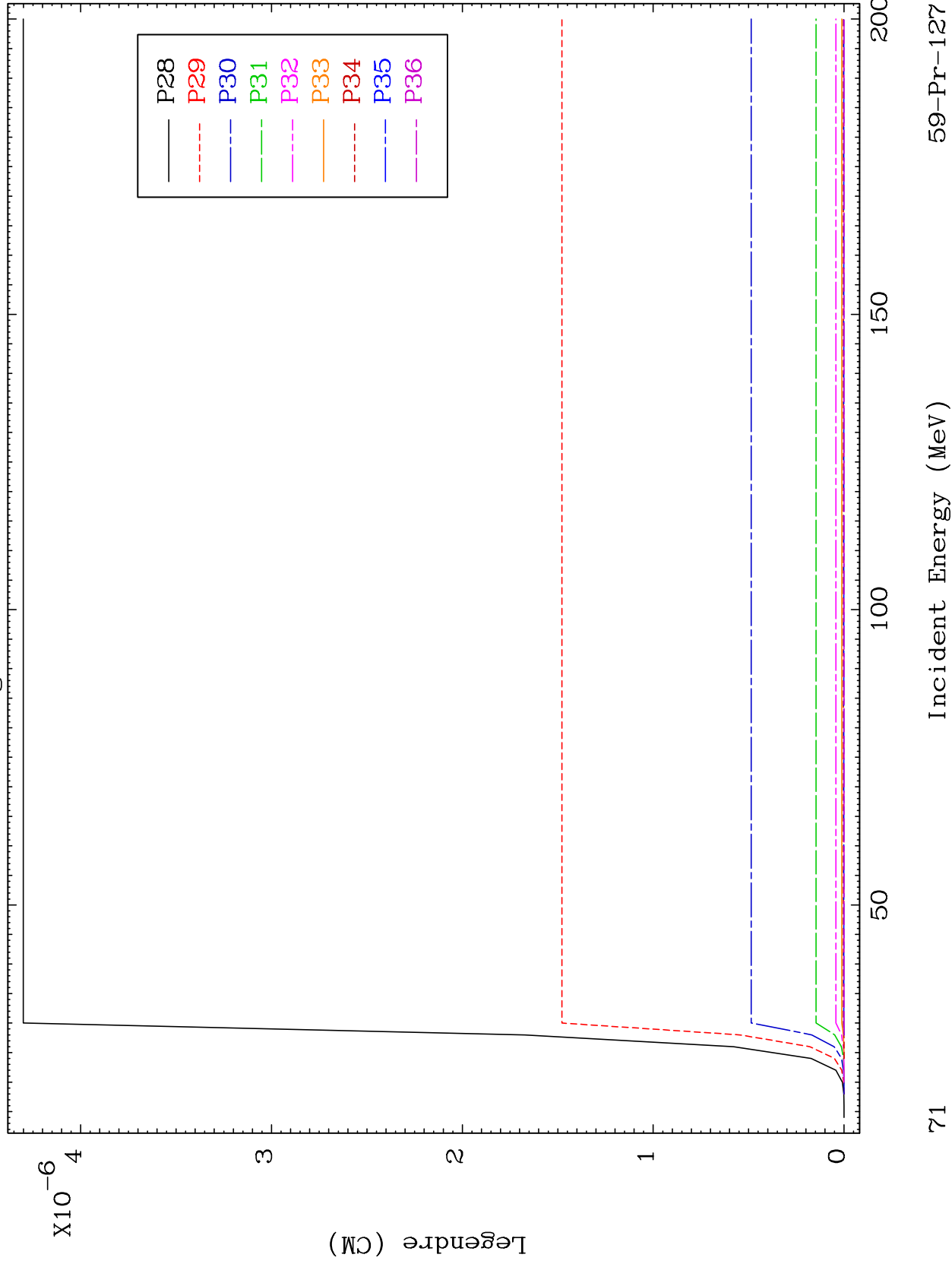
Incident Energy (MeV)

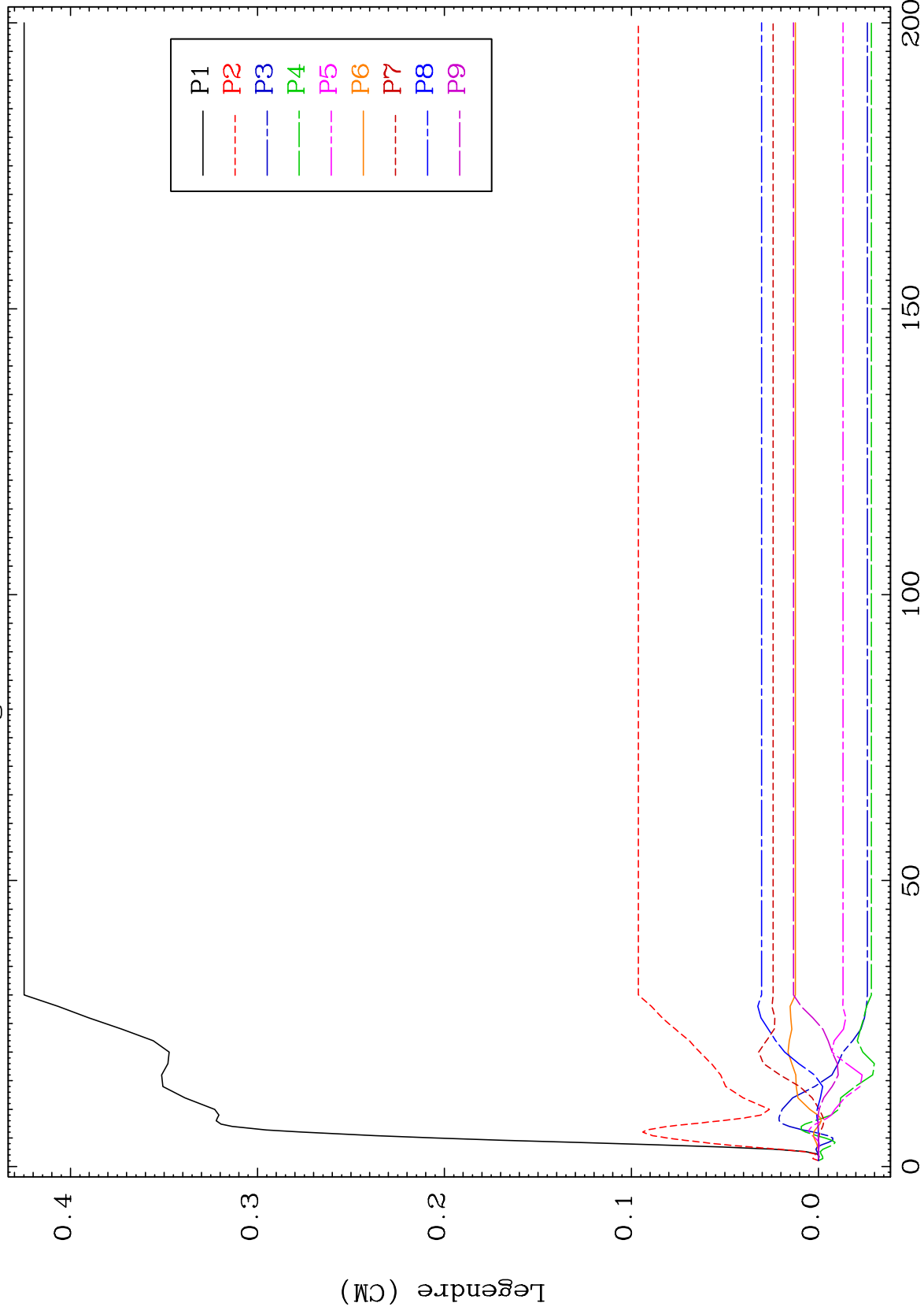
59-Pr-127

MAT 5883

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

59-Pr-127

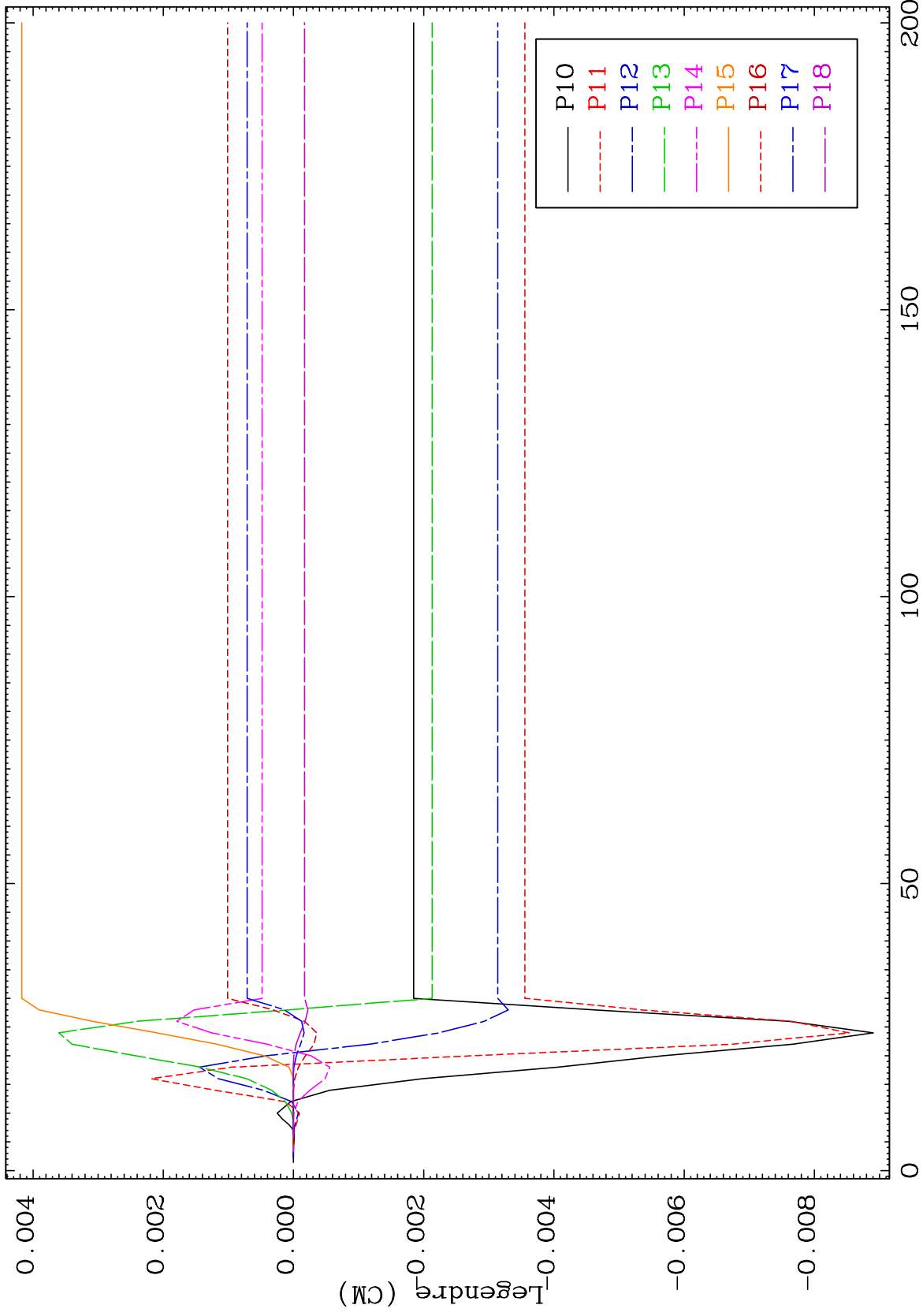




MAT 5883

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

59-Pr-127



73

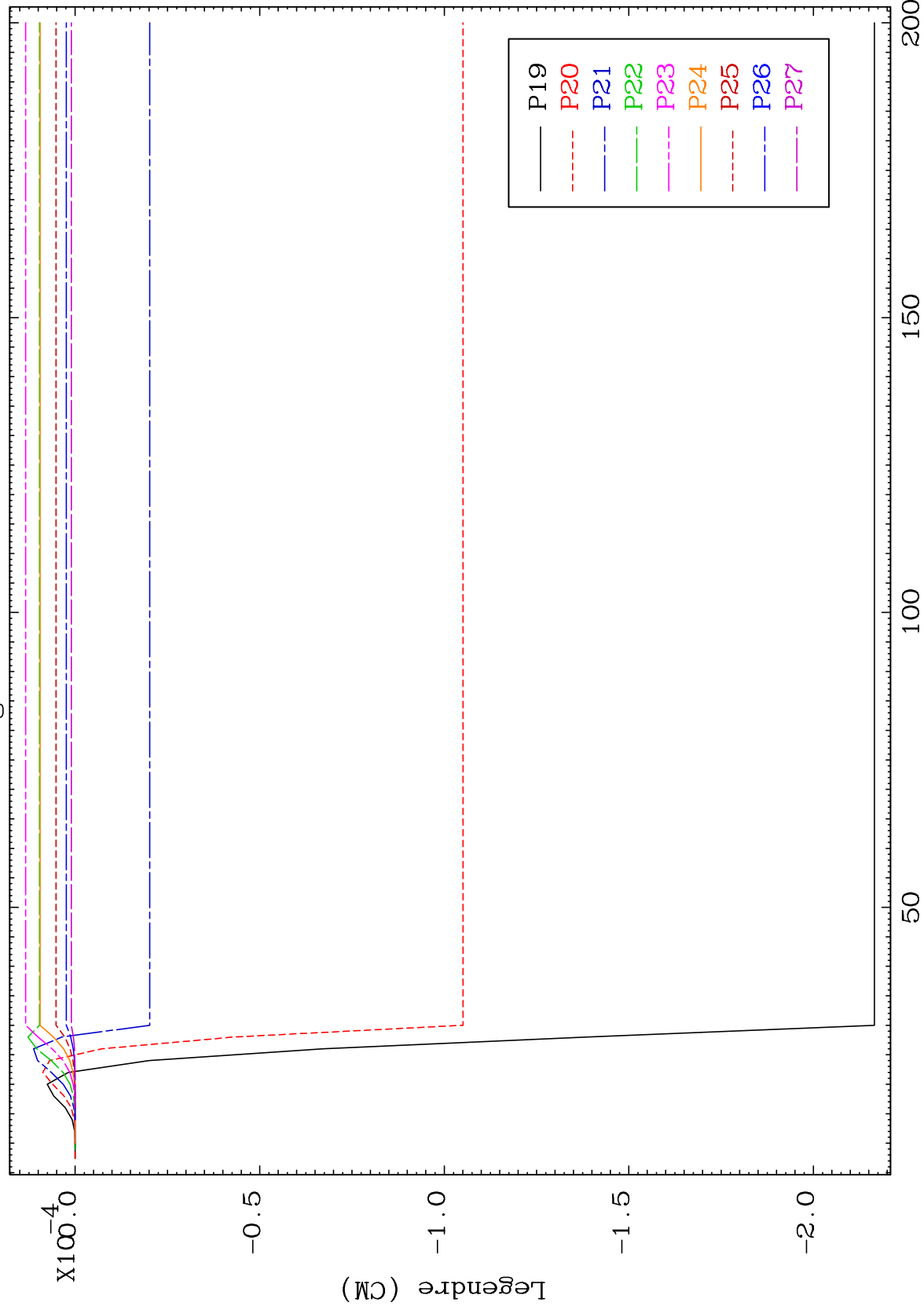
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



74

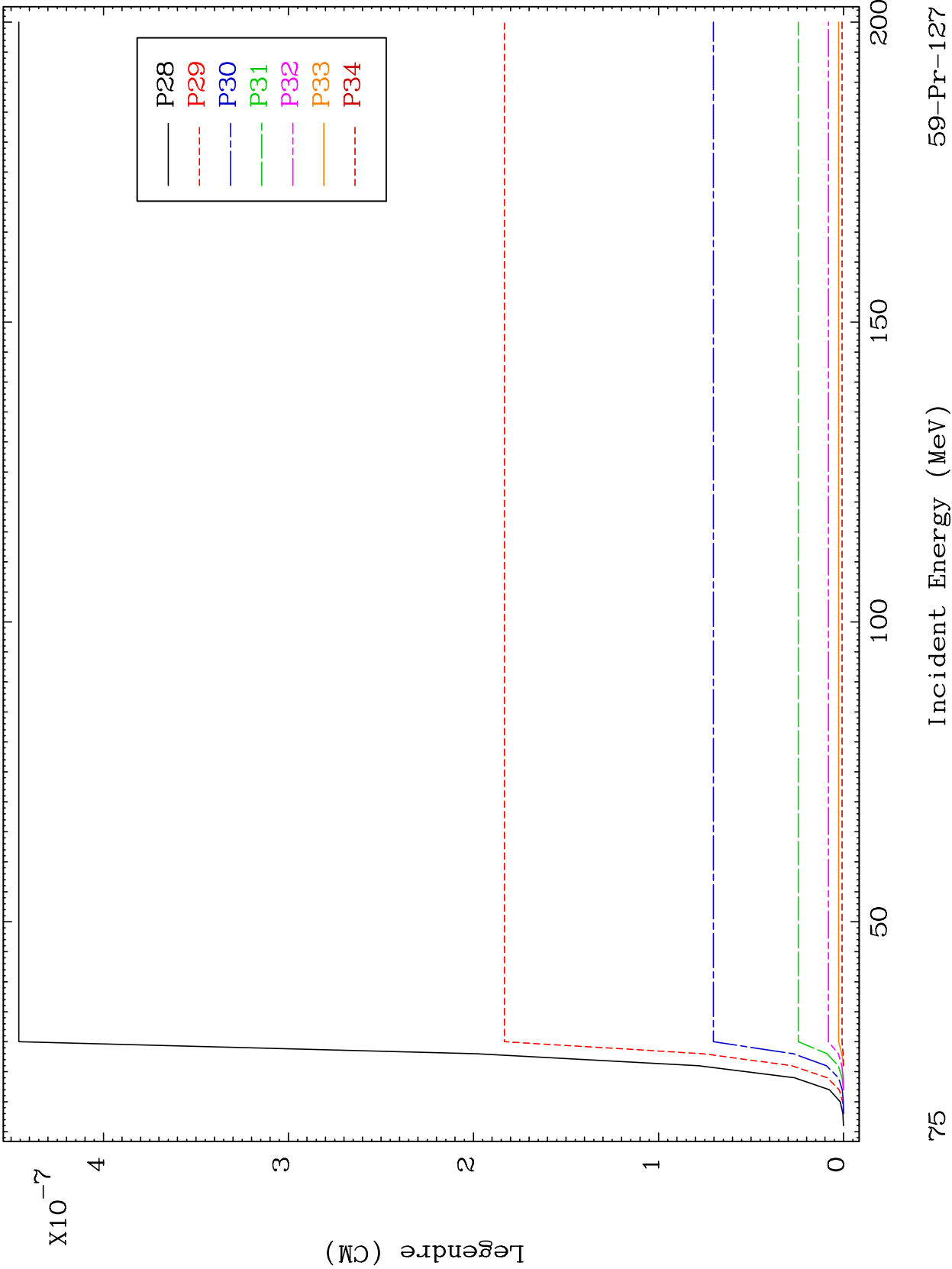
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



59-Pr-127

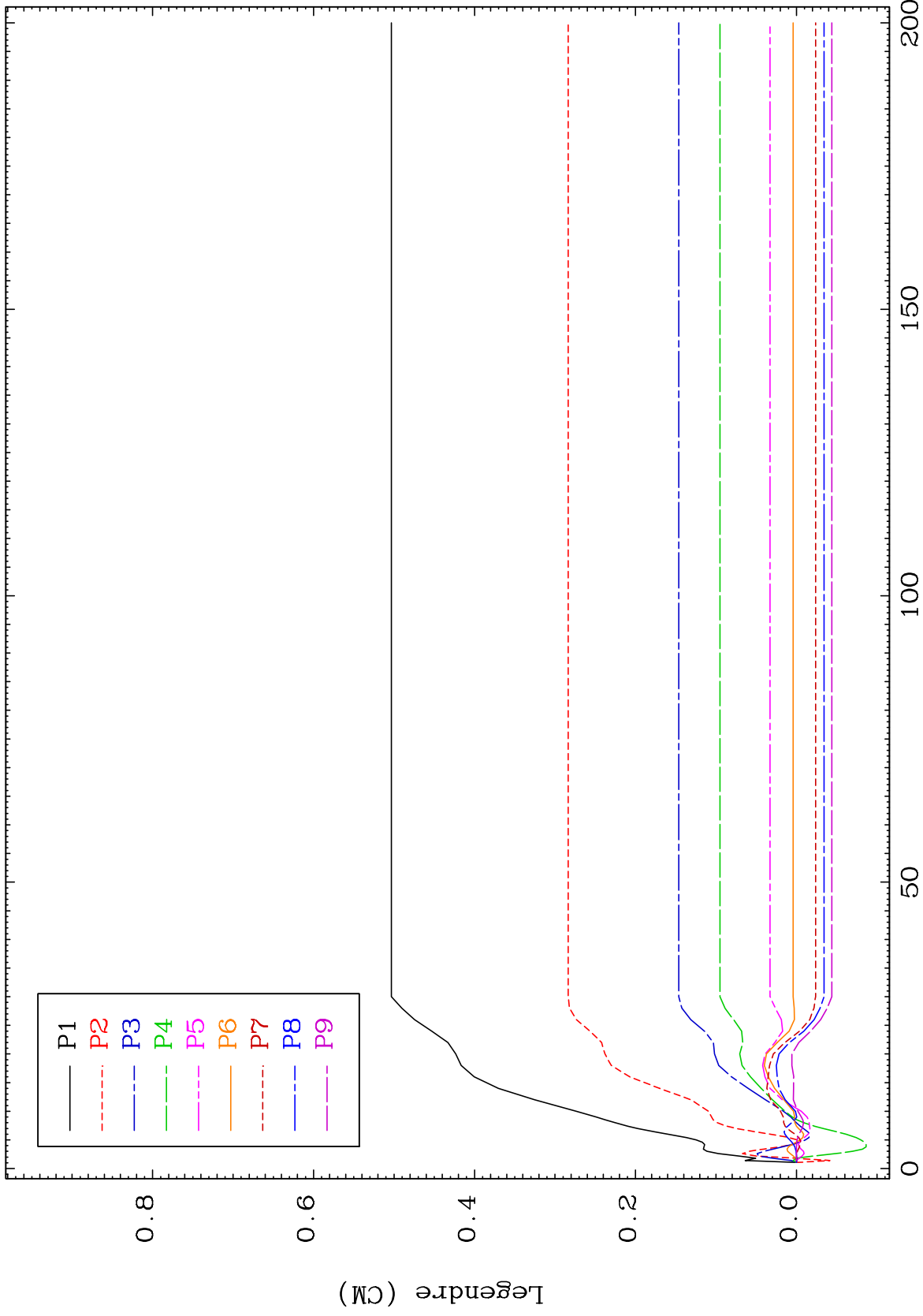
Incident Energy (MeV)

75

MAT 5883

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

59-Pr-127



76

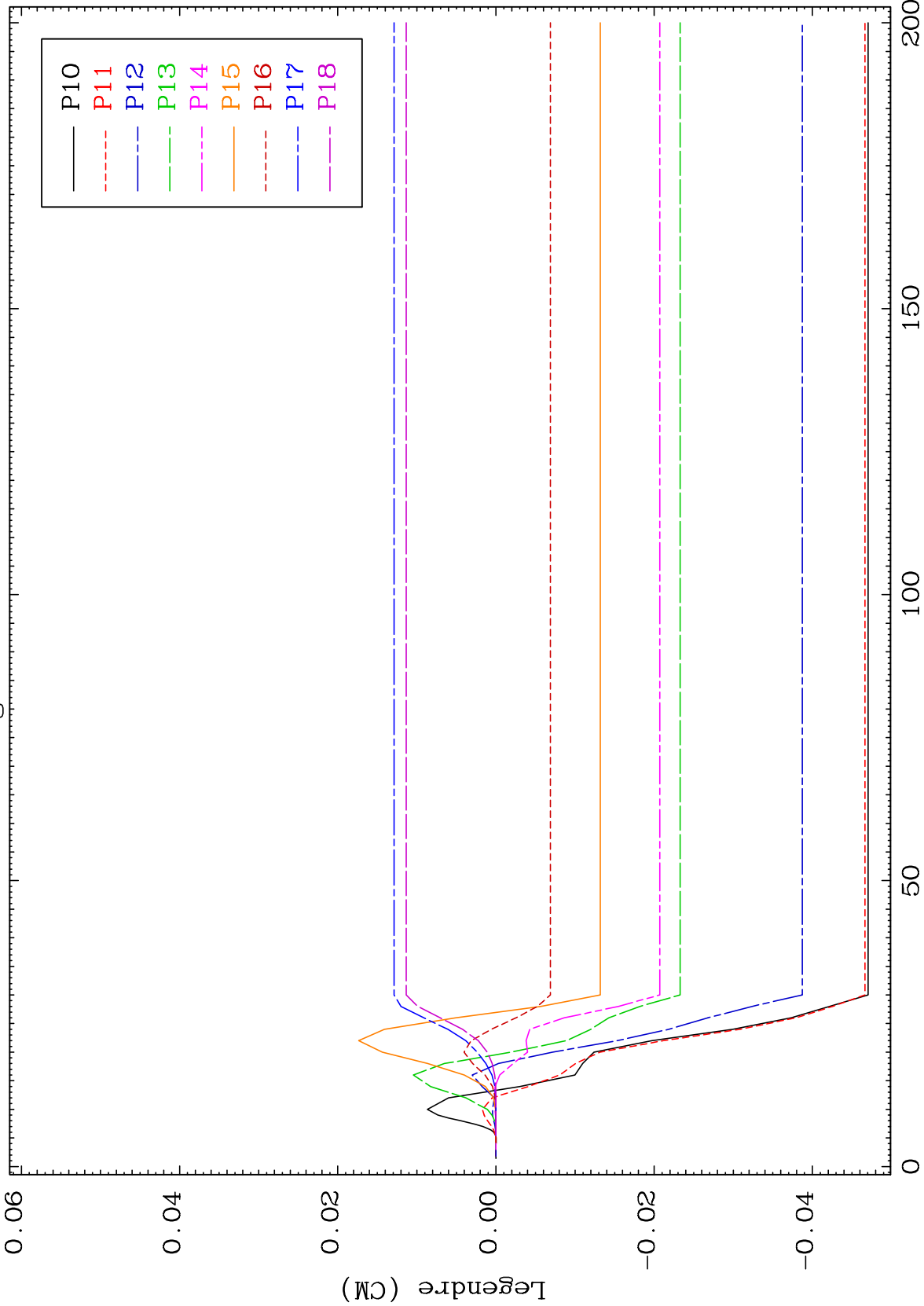
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



77

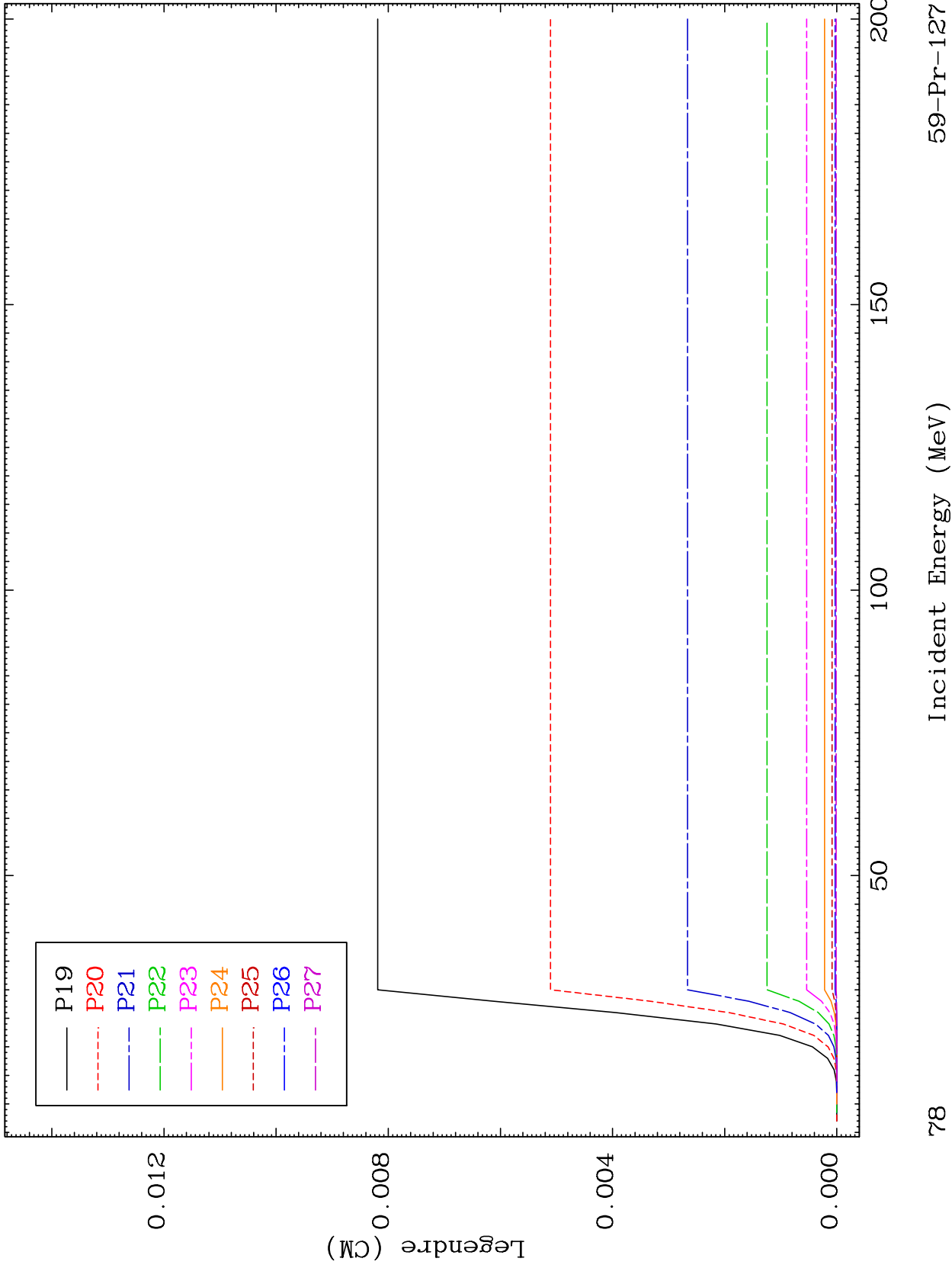
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



78

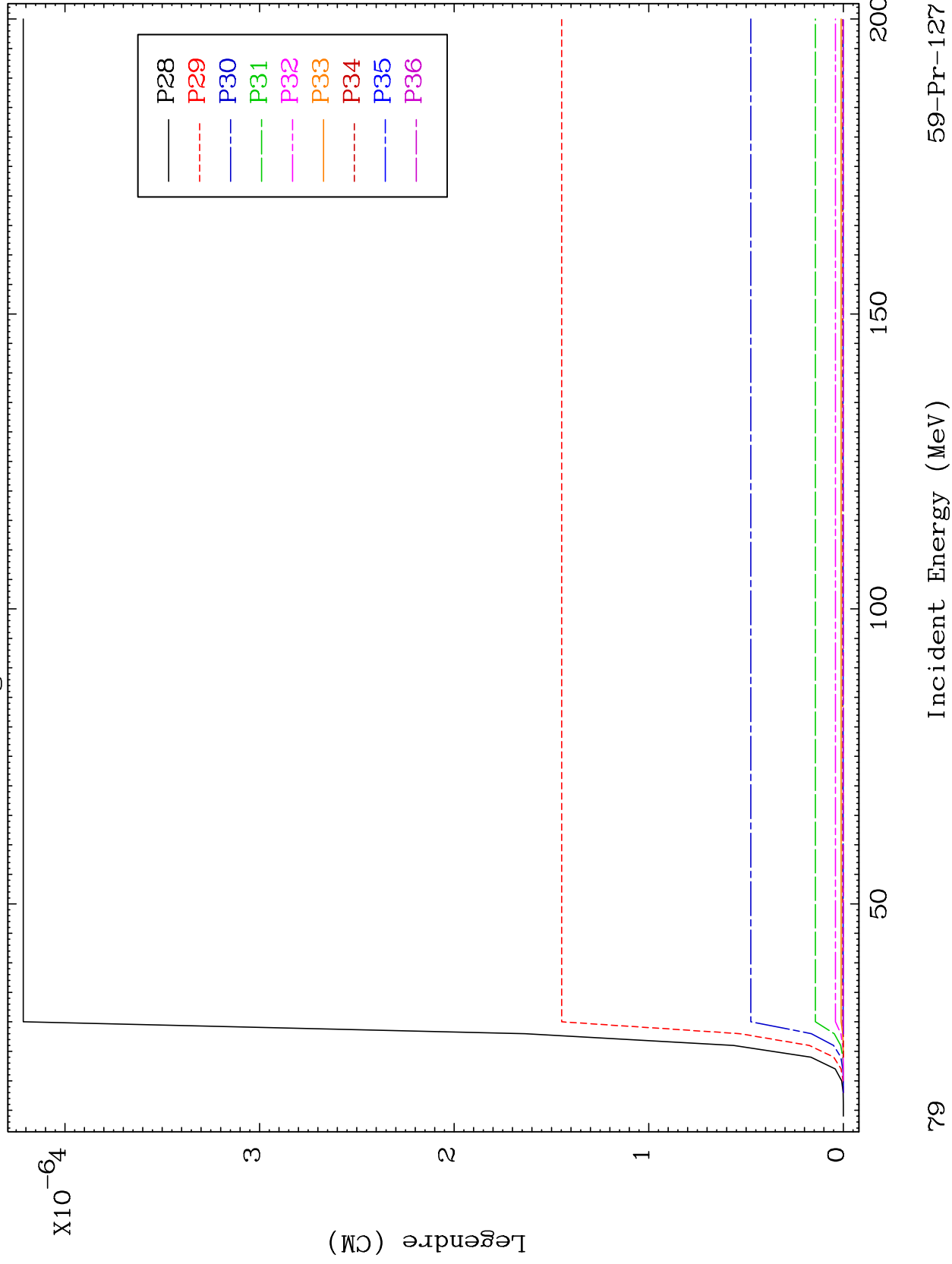
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



79

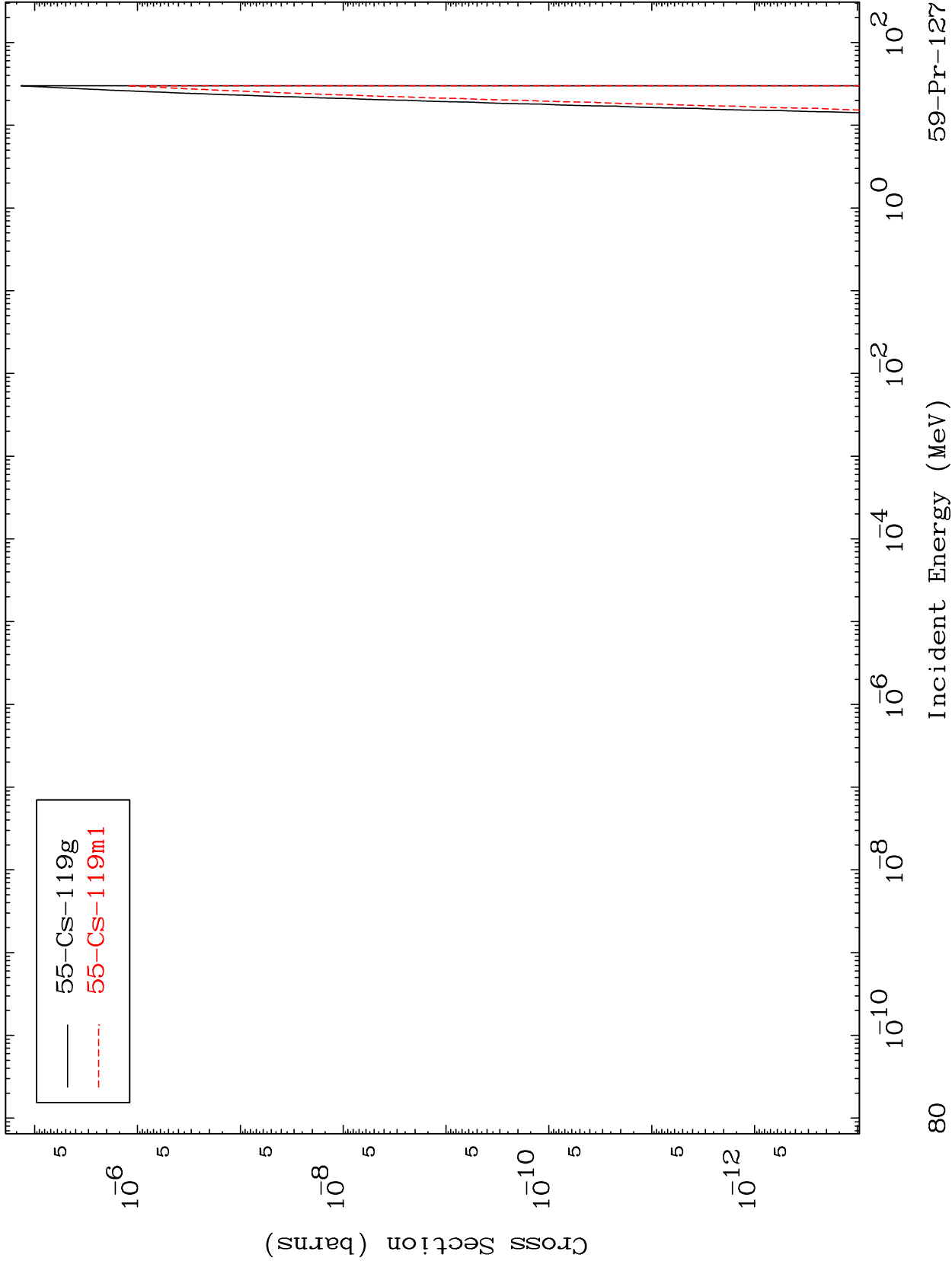
59-Pr-127

MAT 5883

(n,n') 2 α

59-Pr-127

Radionuclide Production Cross Section



80

Incident Energy (MeV)

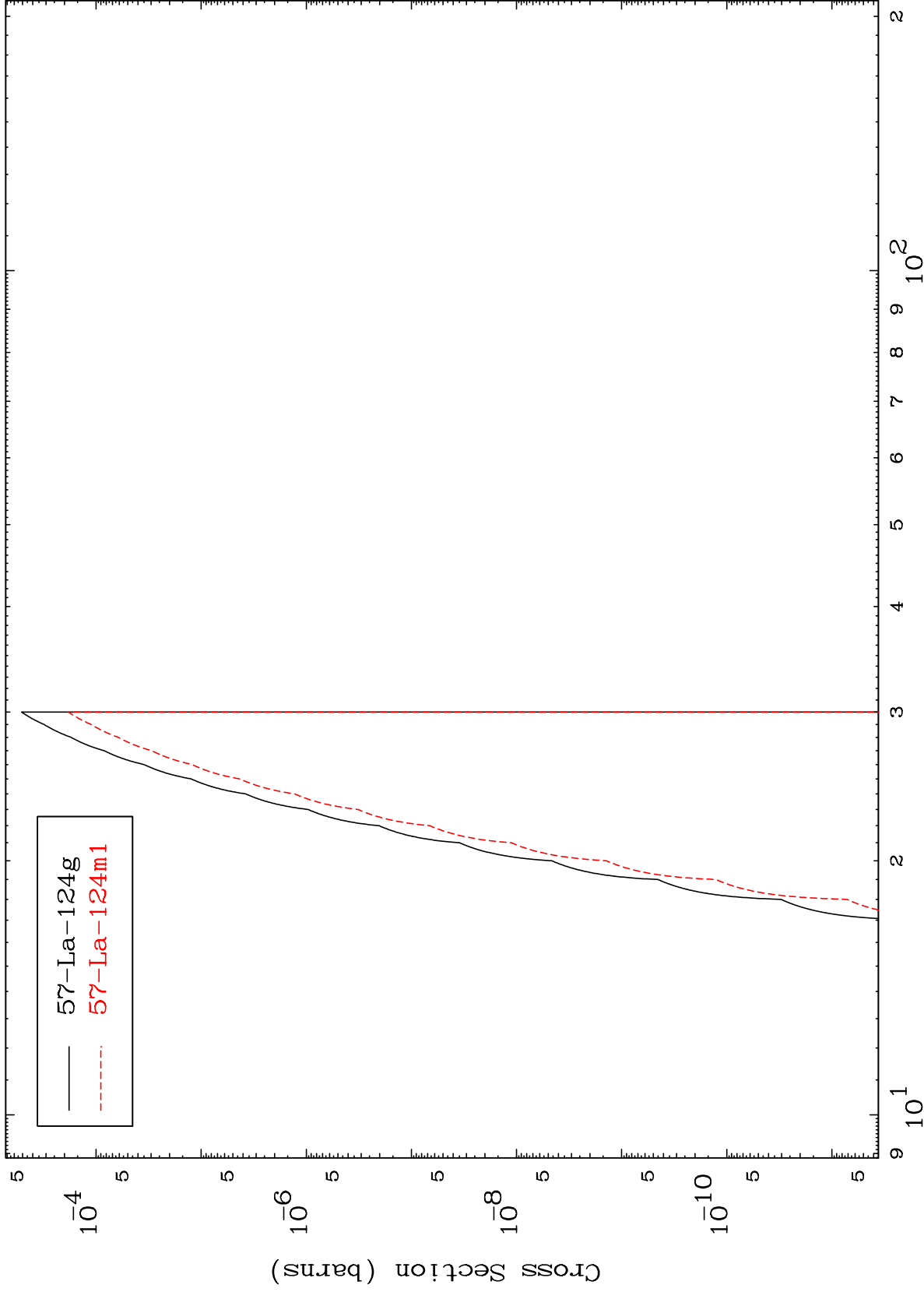
59-Pr-127

MAT 5883

(n,n') He-3

59-Pr-127

Radionuclide Production Cross Section



81

Incident Energy (MeV)

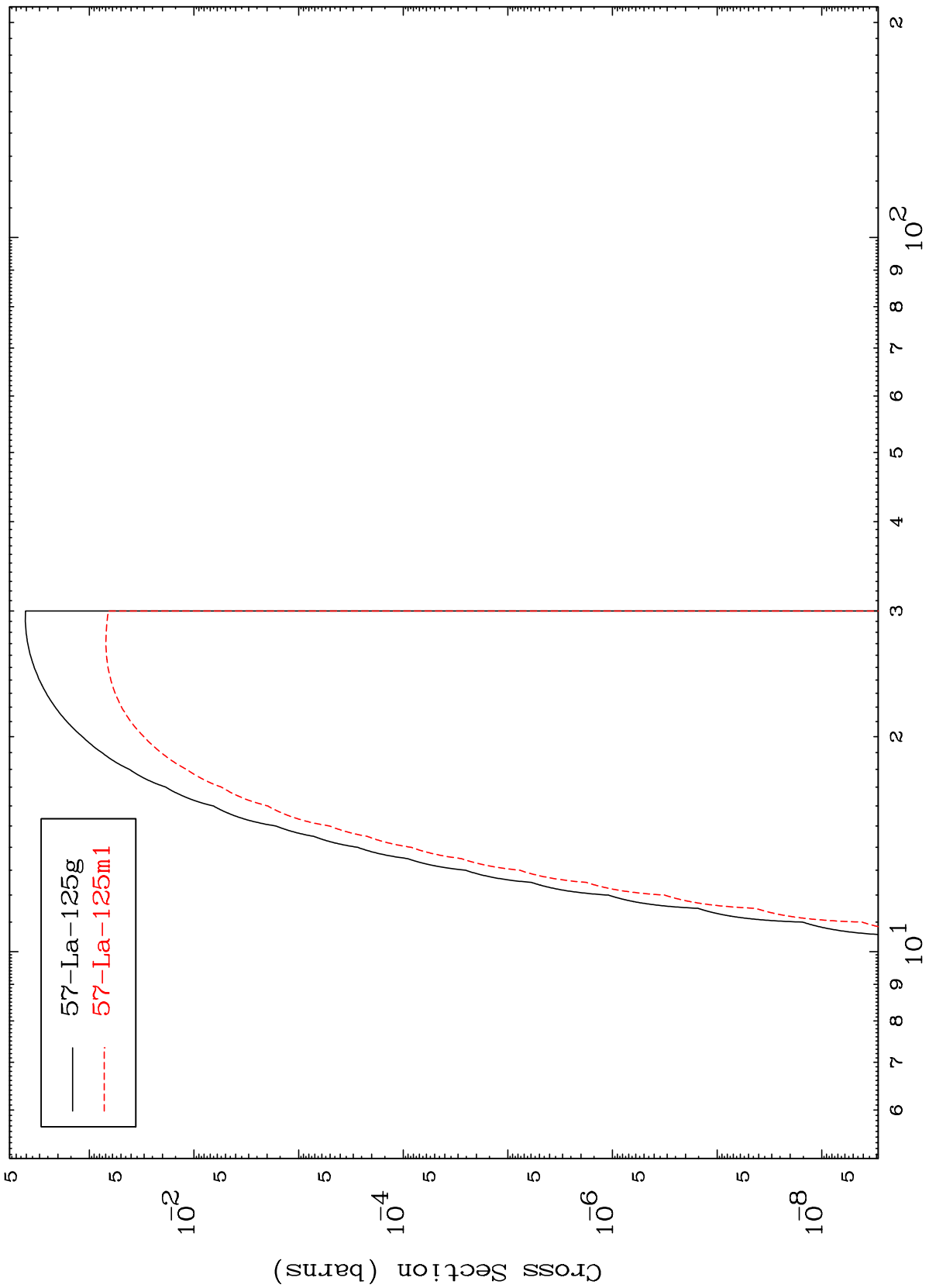
59-Pr-127

MAT 5883

(n,2n) p

59-Pr-127

Radionuclide Production Cross Section



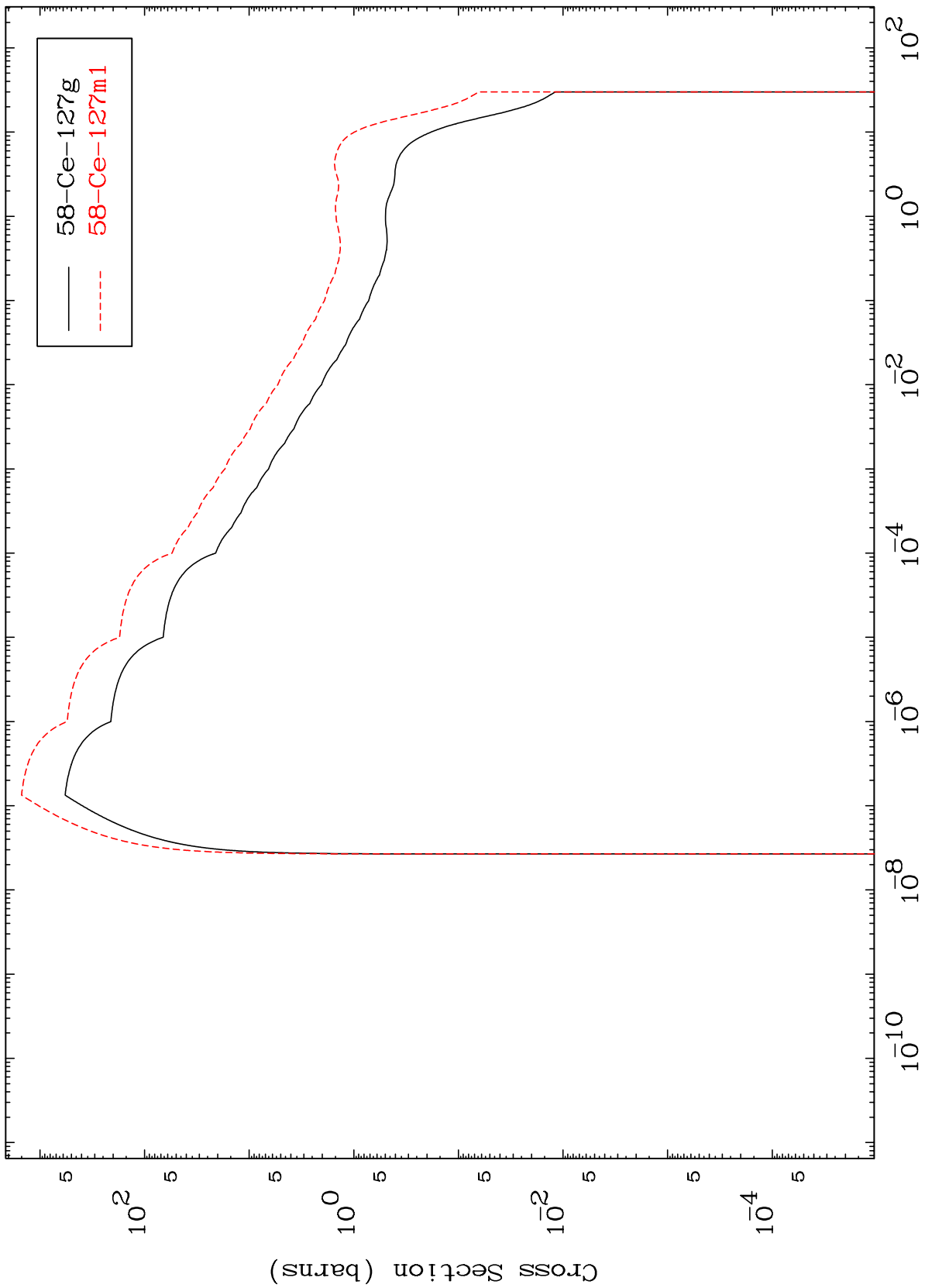
57-La-125g
57-La-125m1

82

Incident Energy (MeV)

59-Pr-127

(n,p)
Radionuclide Production Cross Section

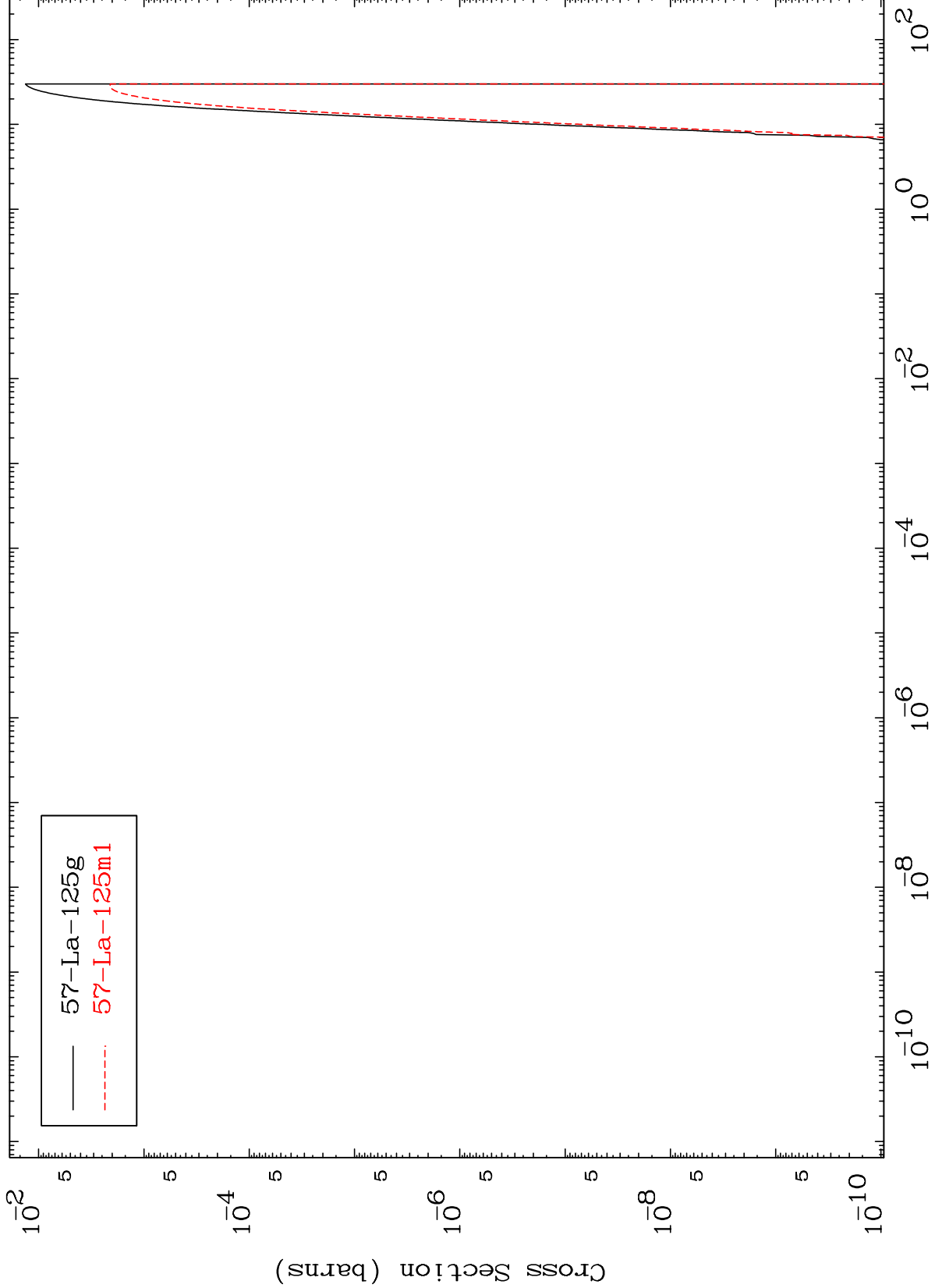


MAT 5883

(n,He-3)

59-Pr-127

Radionuclide Production Cross Section



84

Incident Energy (MeV)

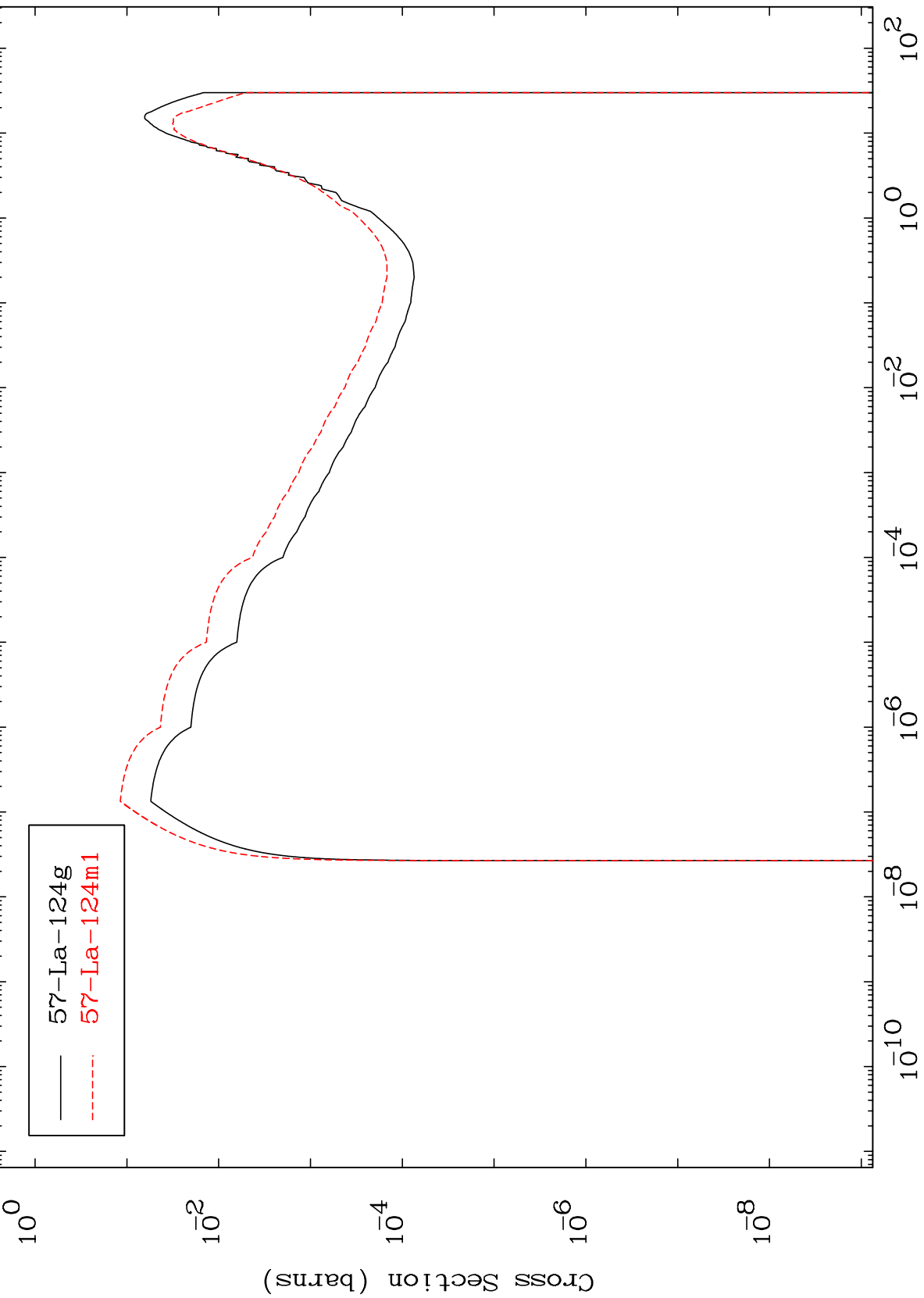
59-Pr-127

MAT 5883

(n, α)

59-Pr-127

Radionuclide Production Cross Section

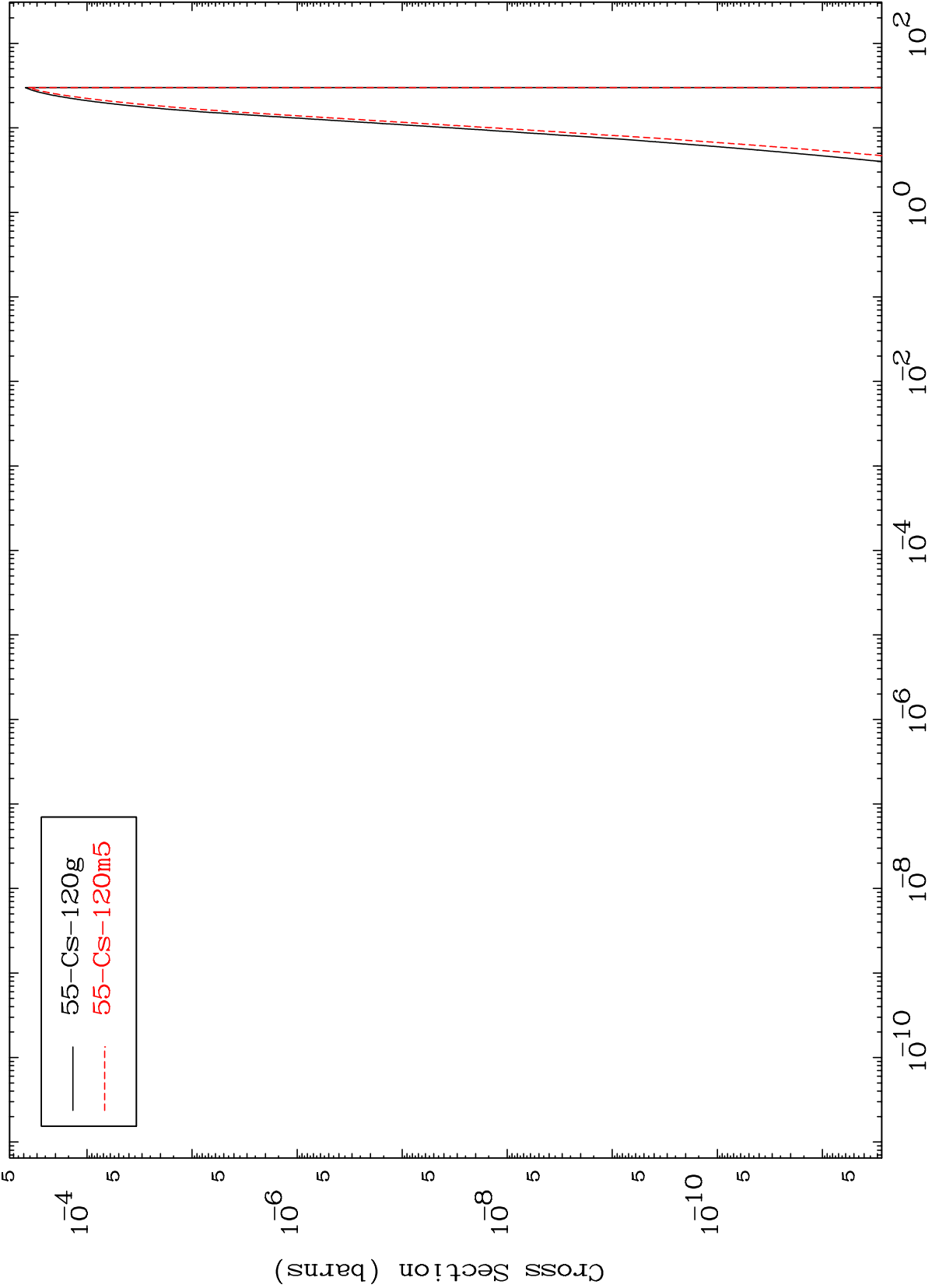


MAT 5883

(n,2α)

59-Pr-127

Radionuclide Production Cross Section

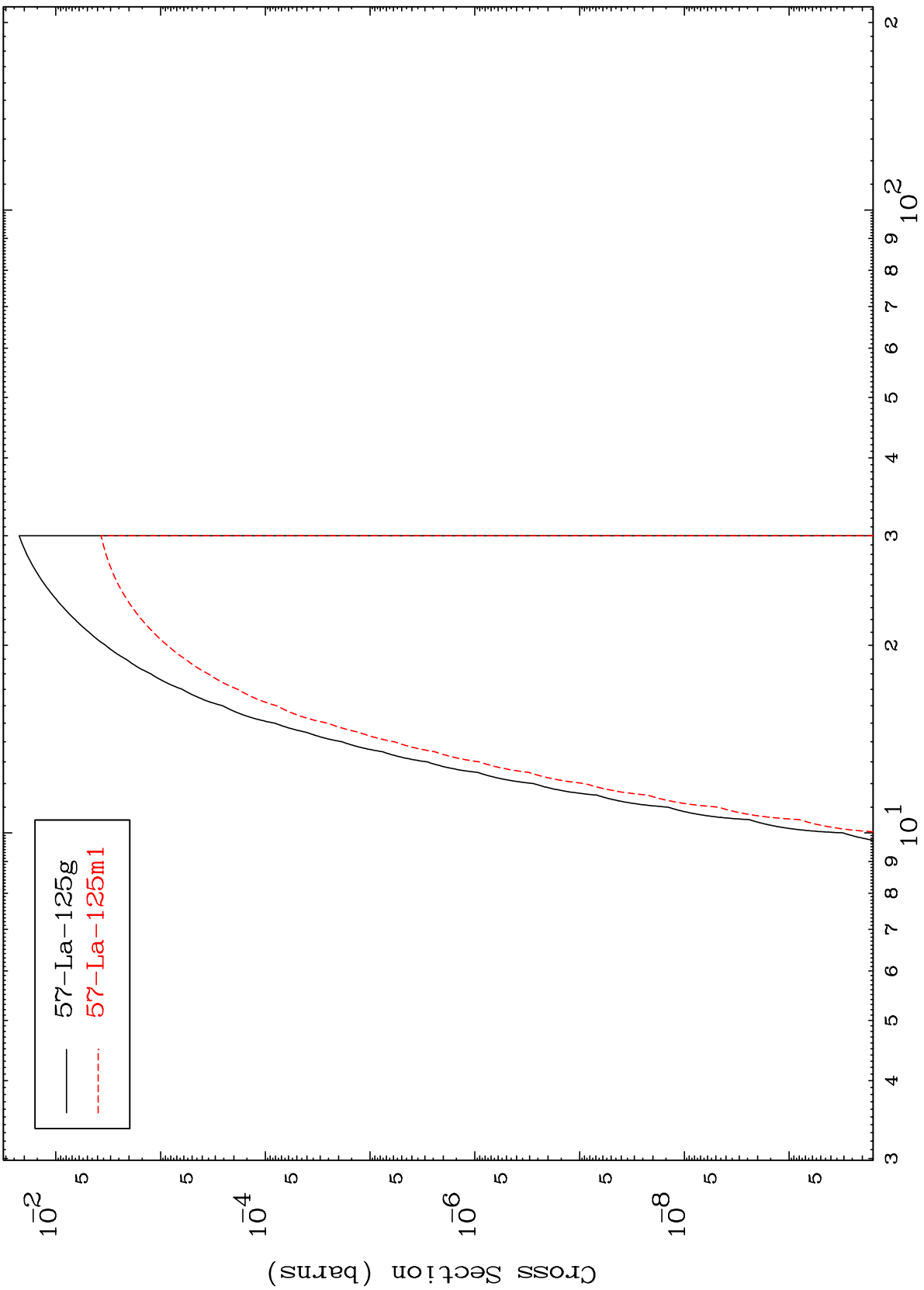


MAT 5883

(n,p) d

59-Pr-127

Radionuclide Production Cross Section



Legend:
— 57-La-125g
- - - 57-La-125m1

87

Incident Energy (MeV)

59-Pr-127

Radionuclide Production Cross Section

