

Program EVALPLOT
(Version 2018-1)

by

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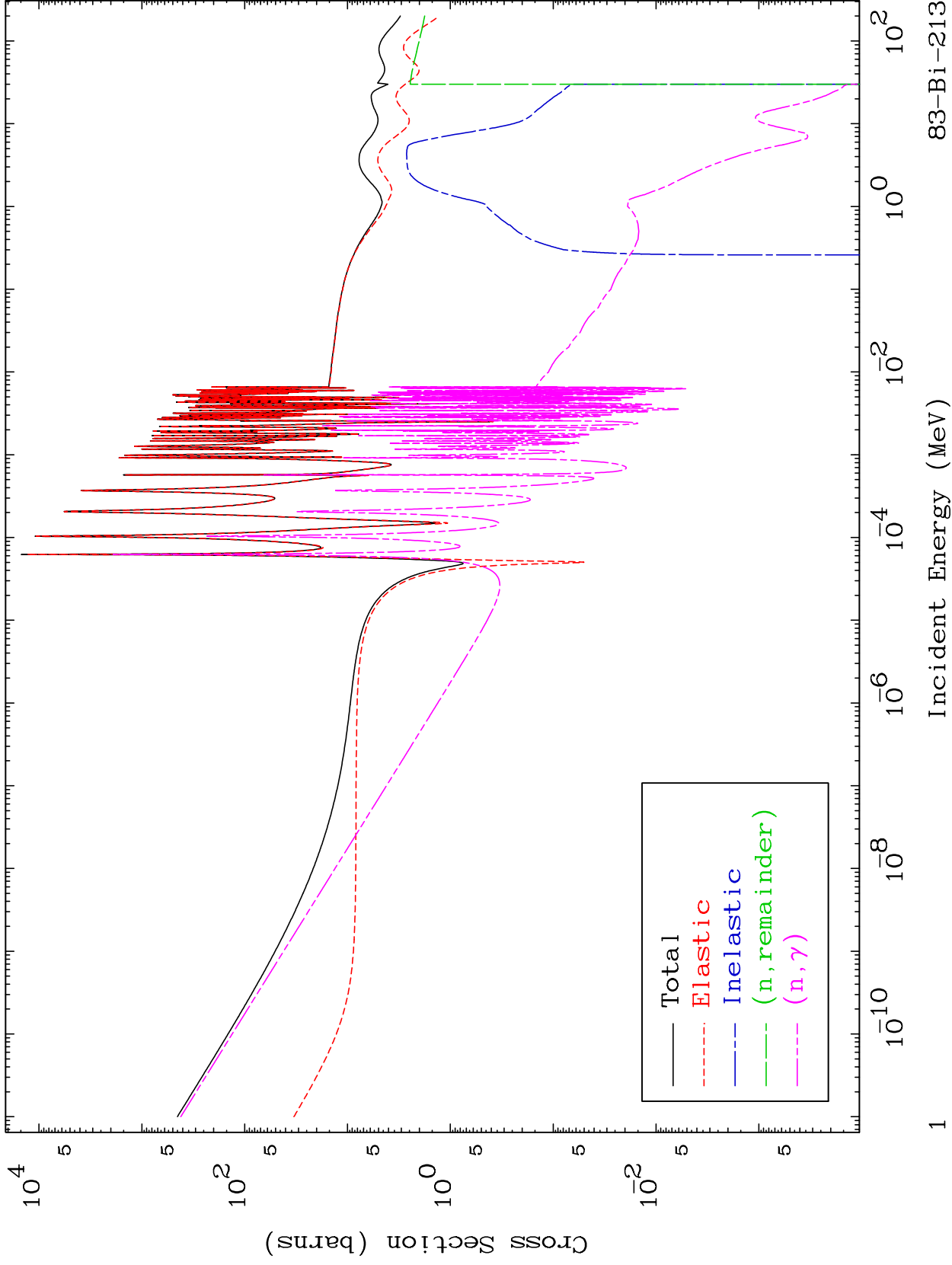
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Press Mouse Button to Start

MAT 8337

Major
293 Kelvin Cross Sections

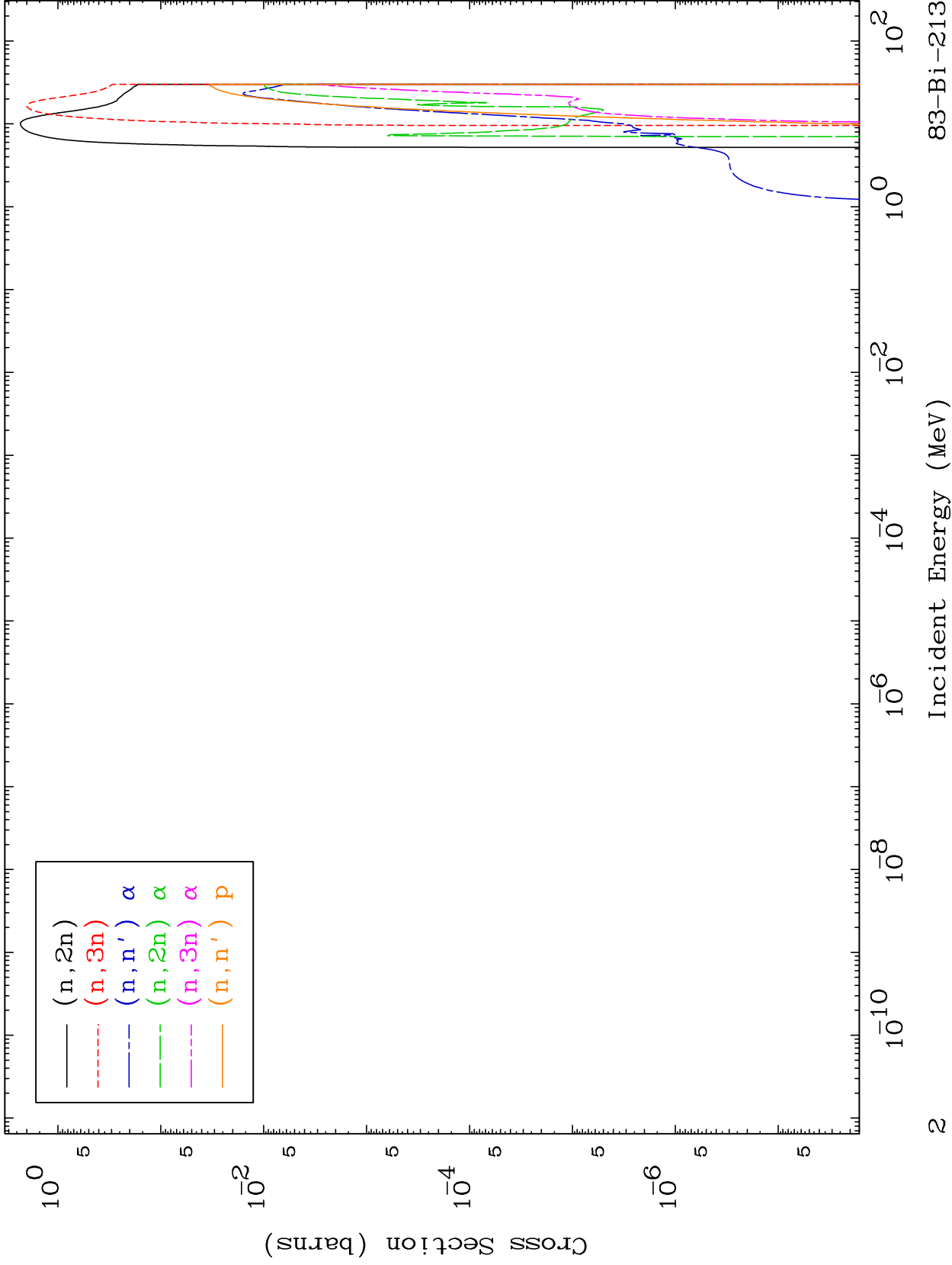
83-Bi-213

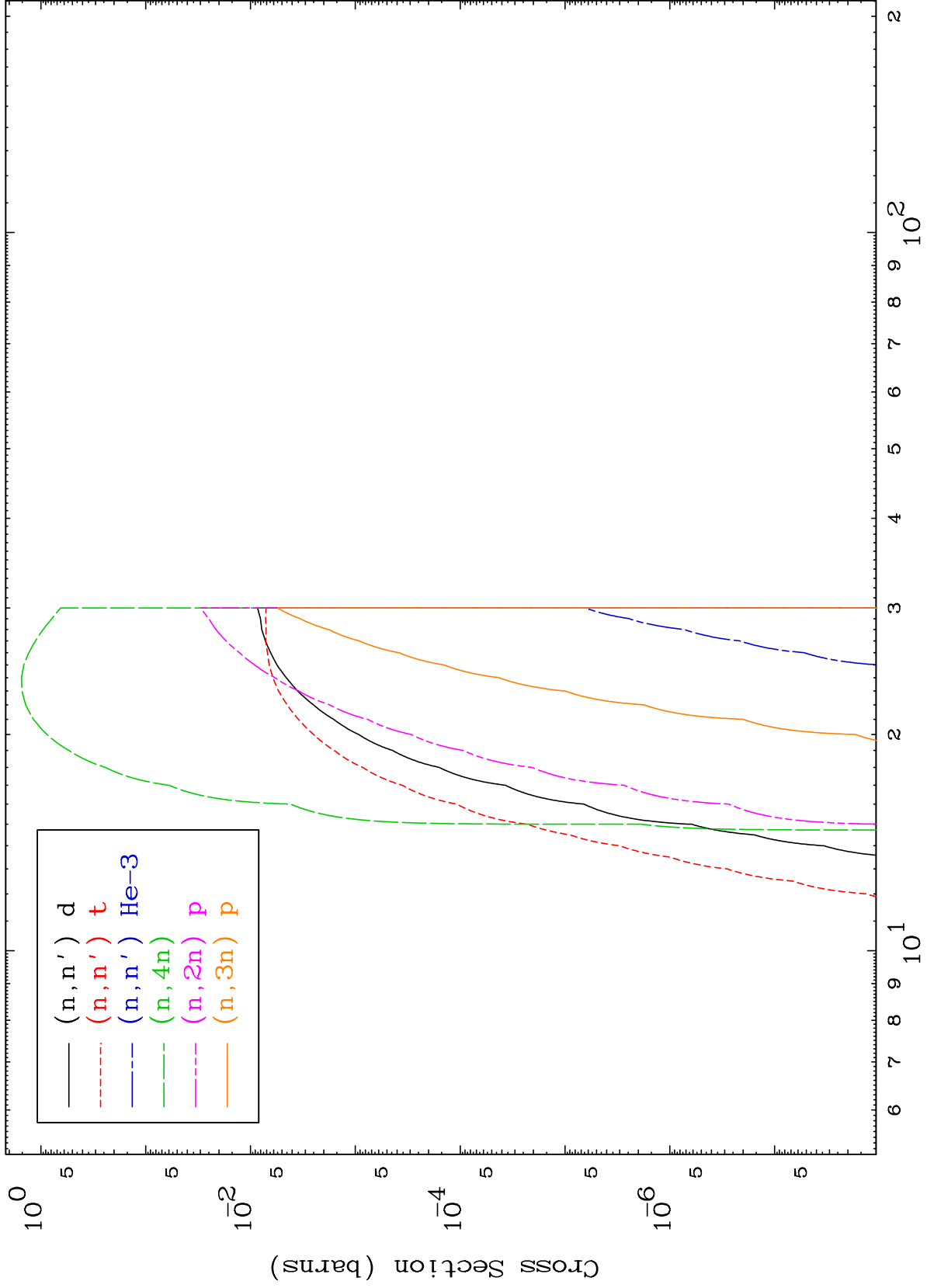


MAT 8337

Neutron Production
293 Kelvin Cross Sections

83-Bi-213

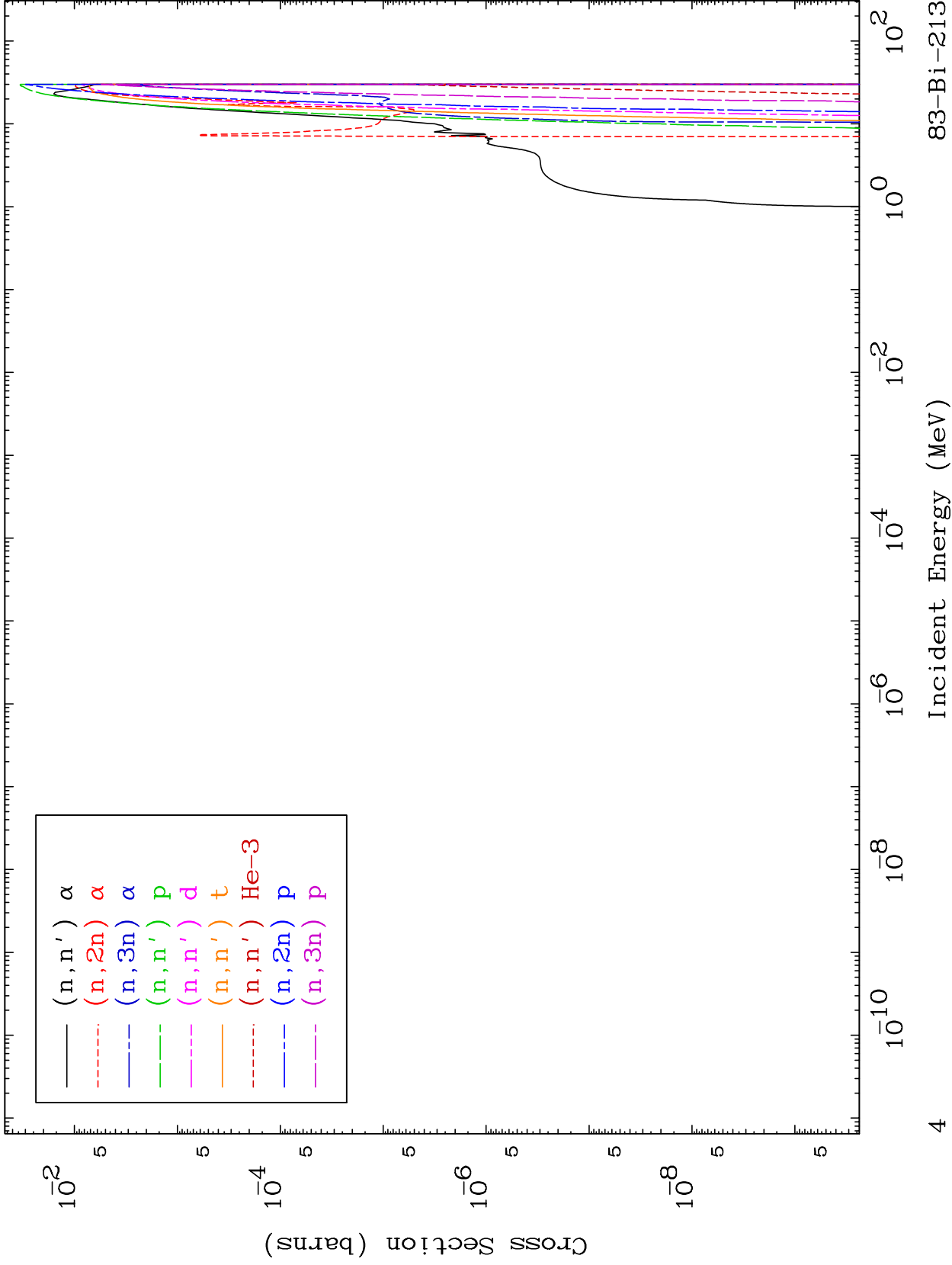




MAT 8337

Charged Particle
293 Kelvin Cross Sections

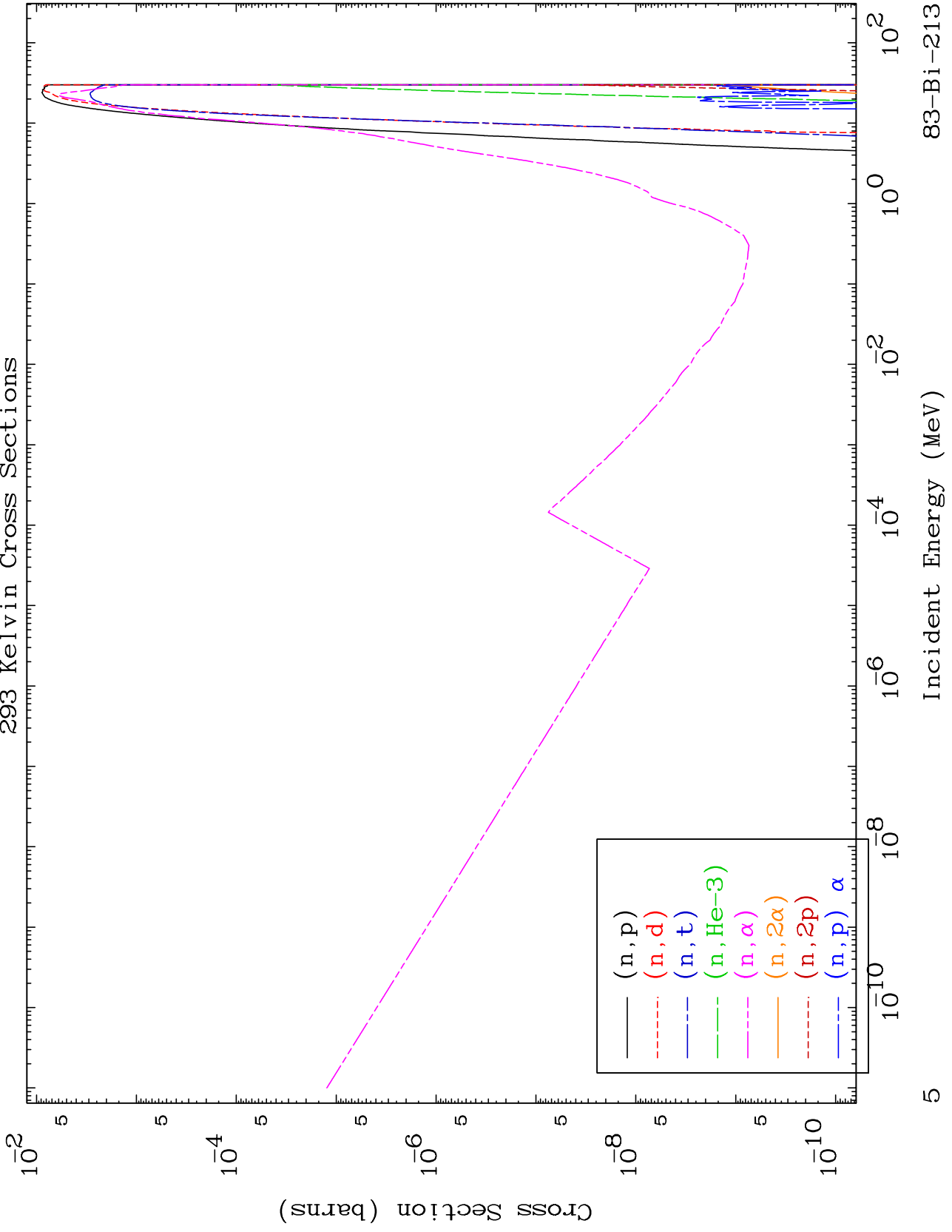
83-Bi-213



MAT 8337

Charged Particle
293 Kelvin Cross Sections

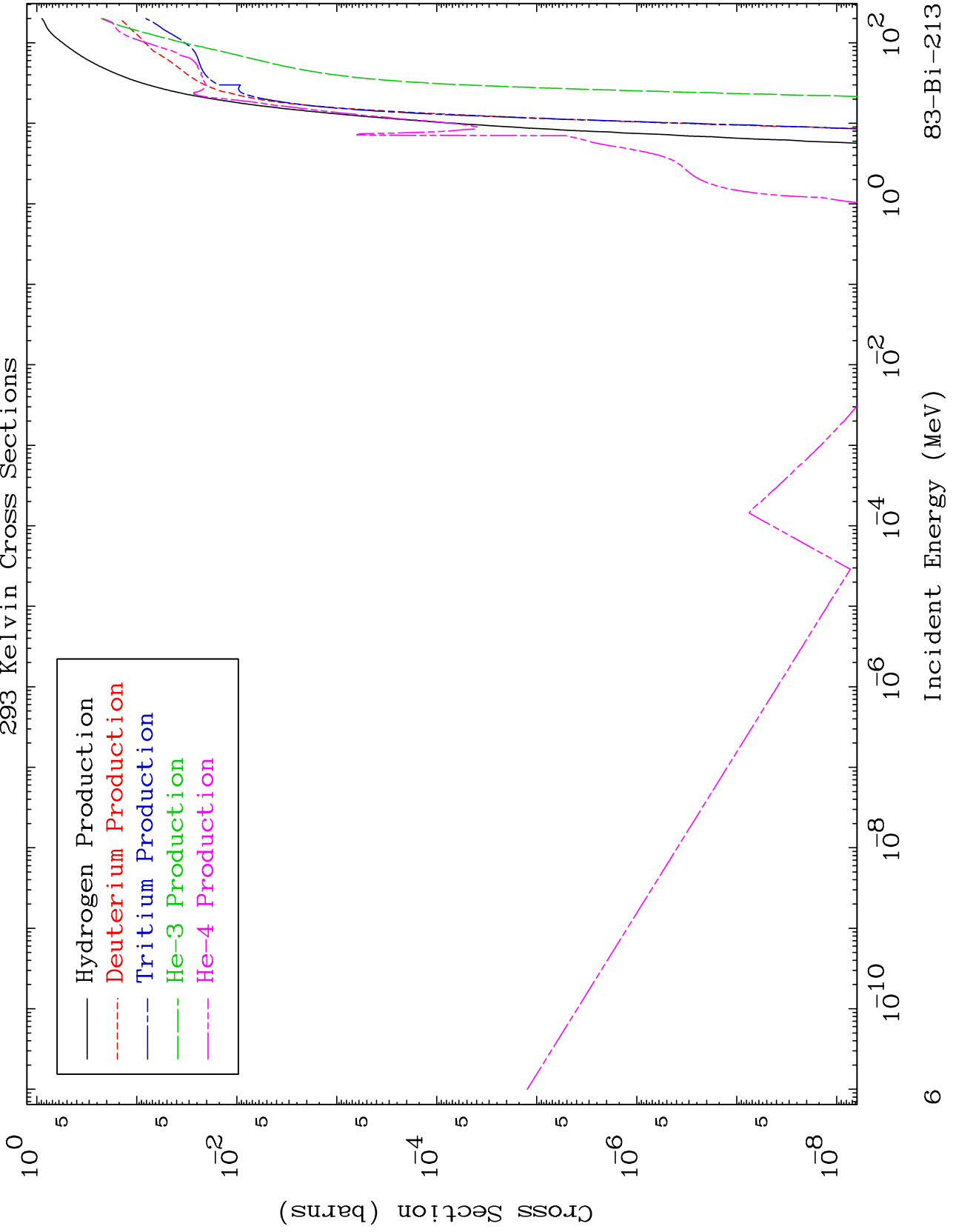
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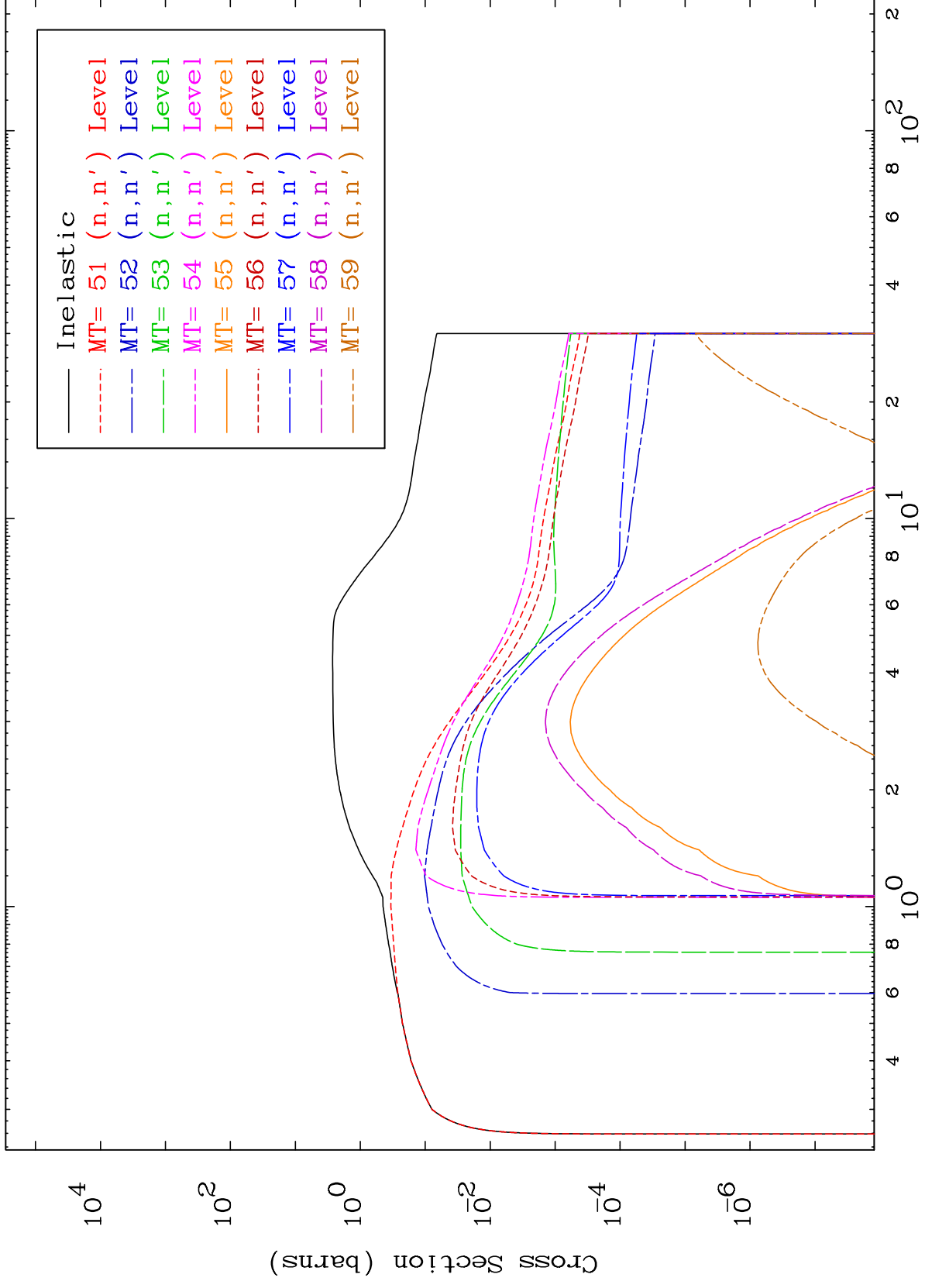
MAT 8337

Particle Production
293 Kelvin Cross Sections

83-Bi-213



293 Kelvin Cross Sections

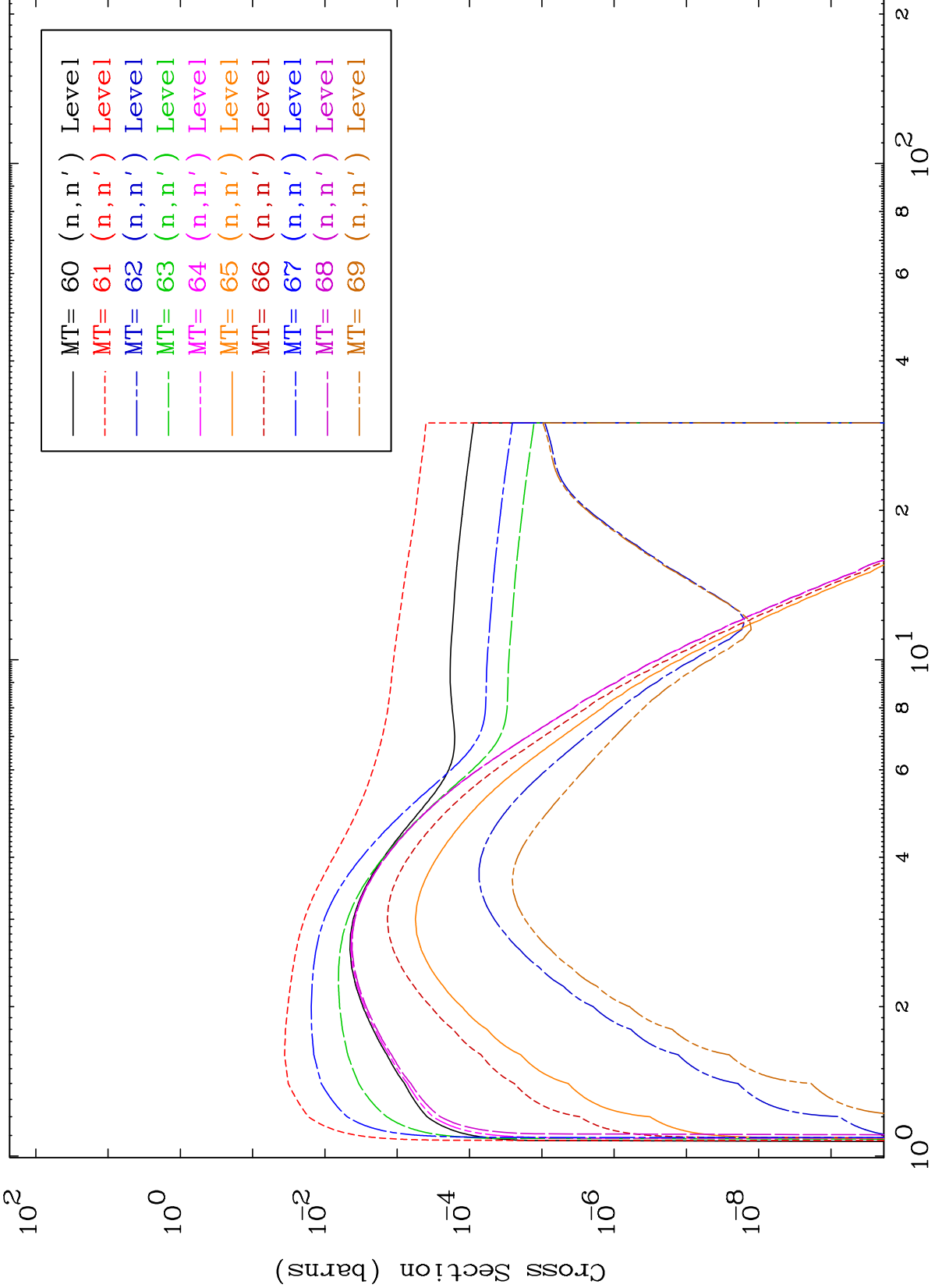


MAT 8337

(n,n') Level

83-Bi-213

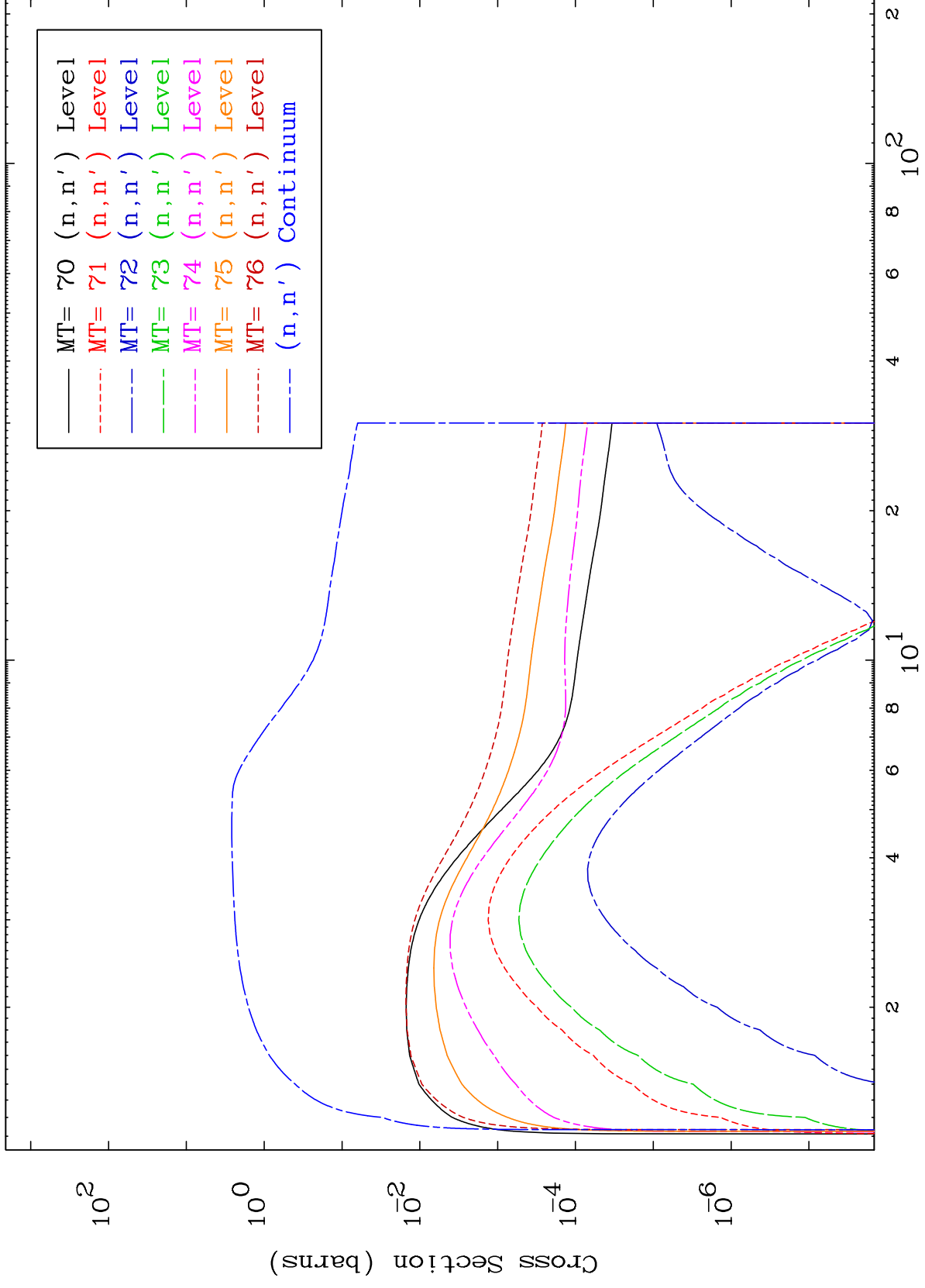
293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-213

293 Kelvin Cross Sections

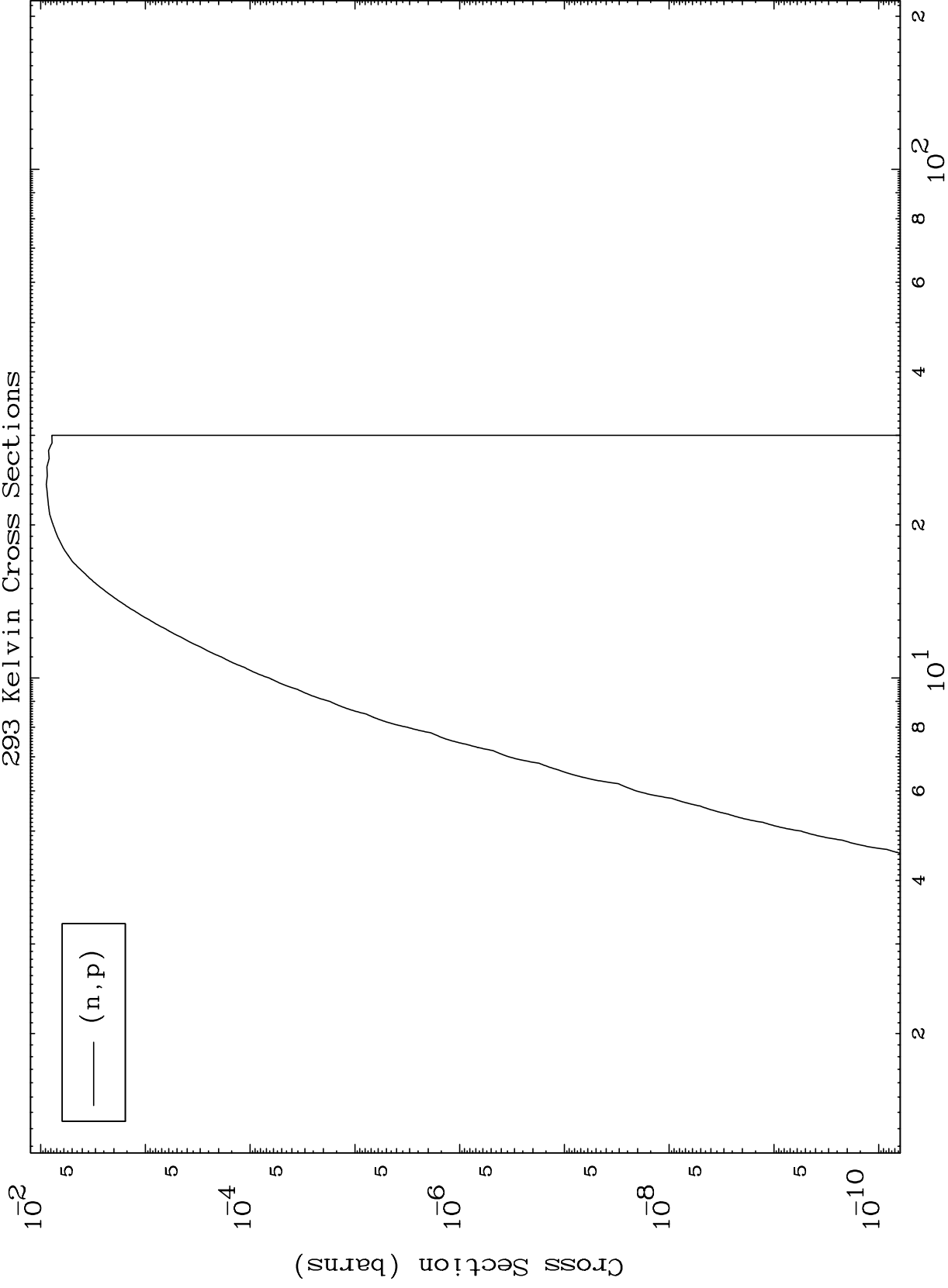


—	MT= 70	(n, n')	Level
- - -	MT= 71	(n, n')	Level
- . - .	MT= 72	(n, n')	Level
- - -	MT= 73	(n, n')	Level
- . - .	MT= 74	(n, n')	Level
—	MT= 75	(n, n')	Level
- - -	MT= 76	(n, n')	Level
- . - .	(n, n')	Continuum	

MAT 8337

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-213



10

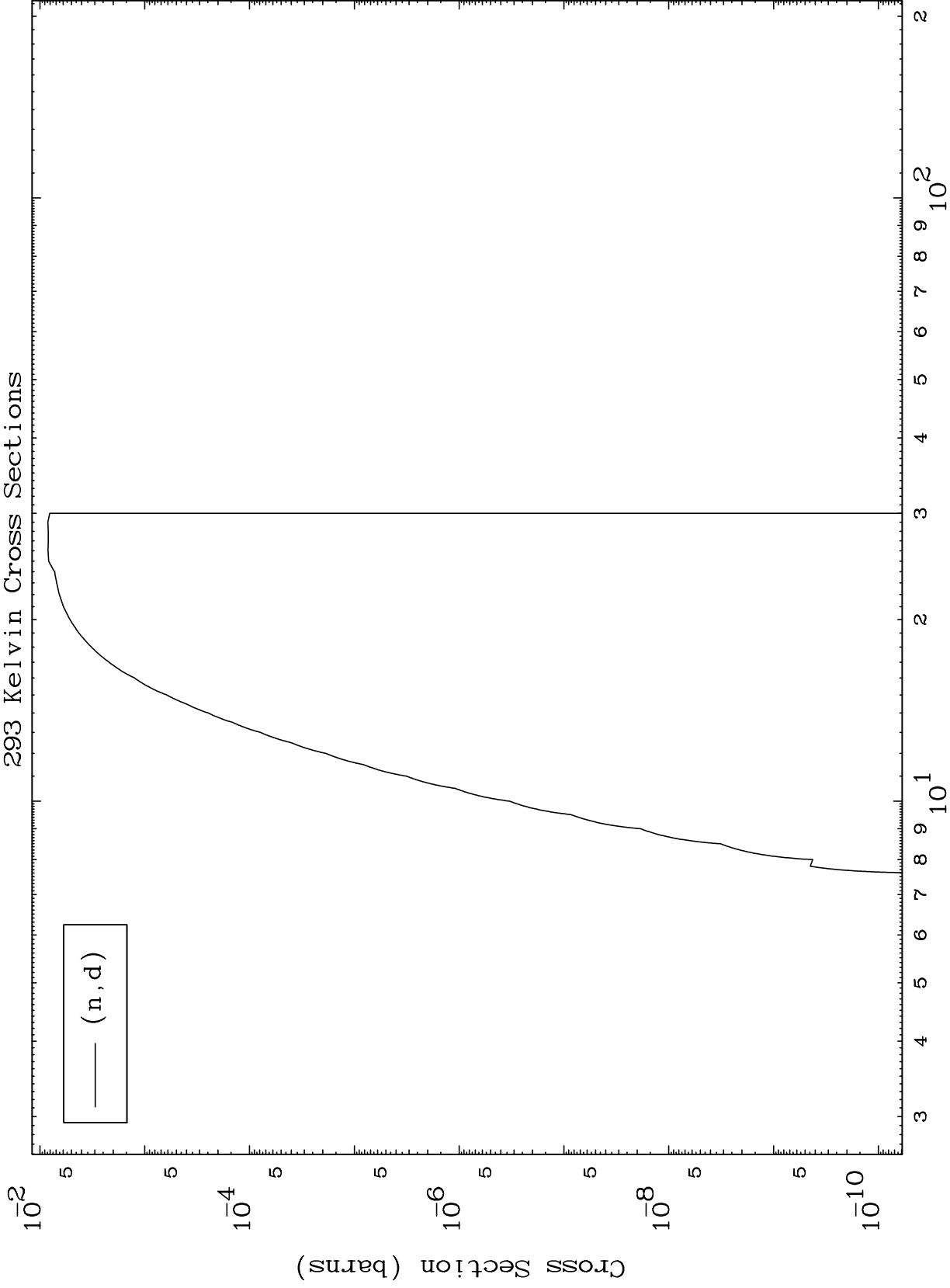
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-213



11

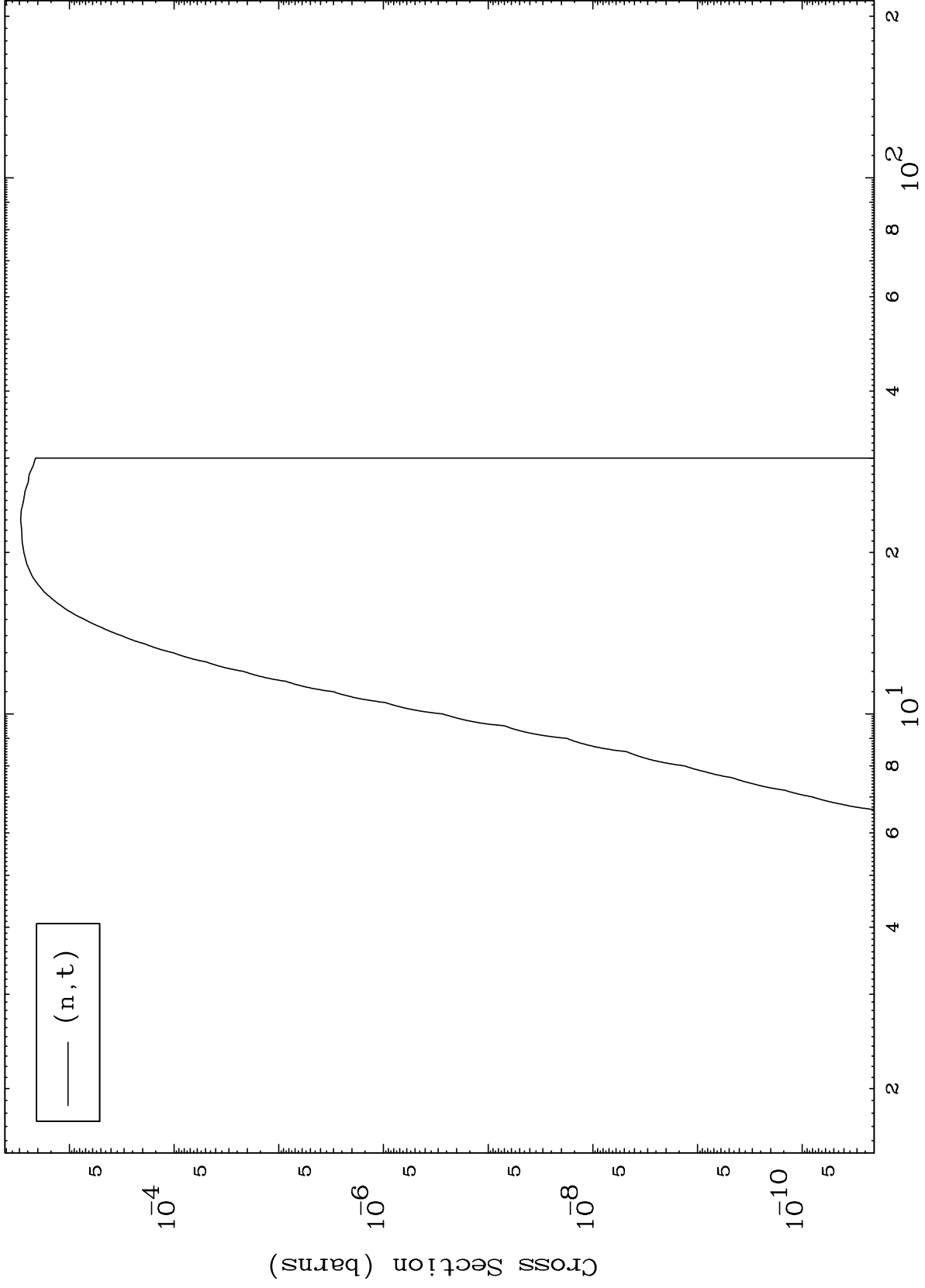
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-213



12

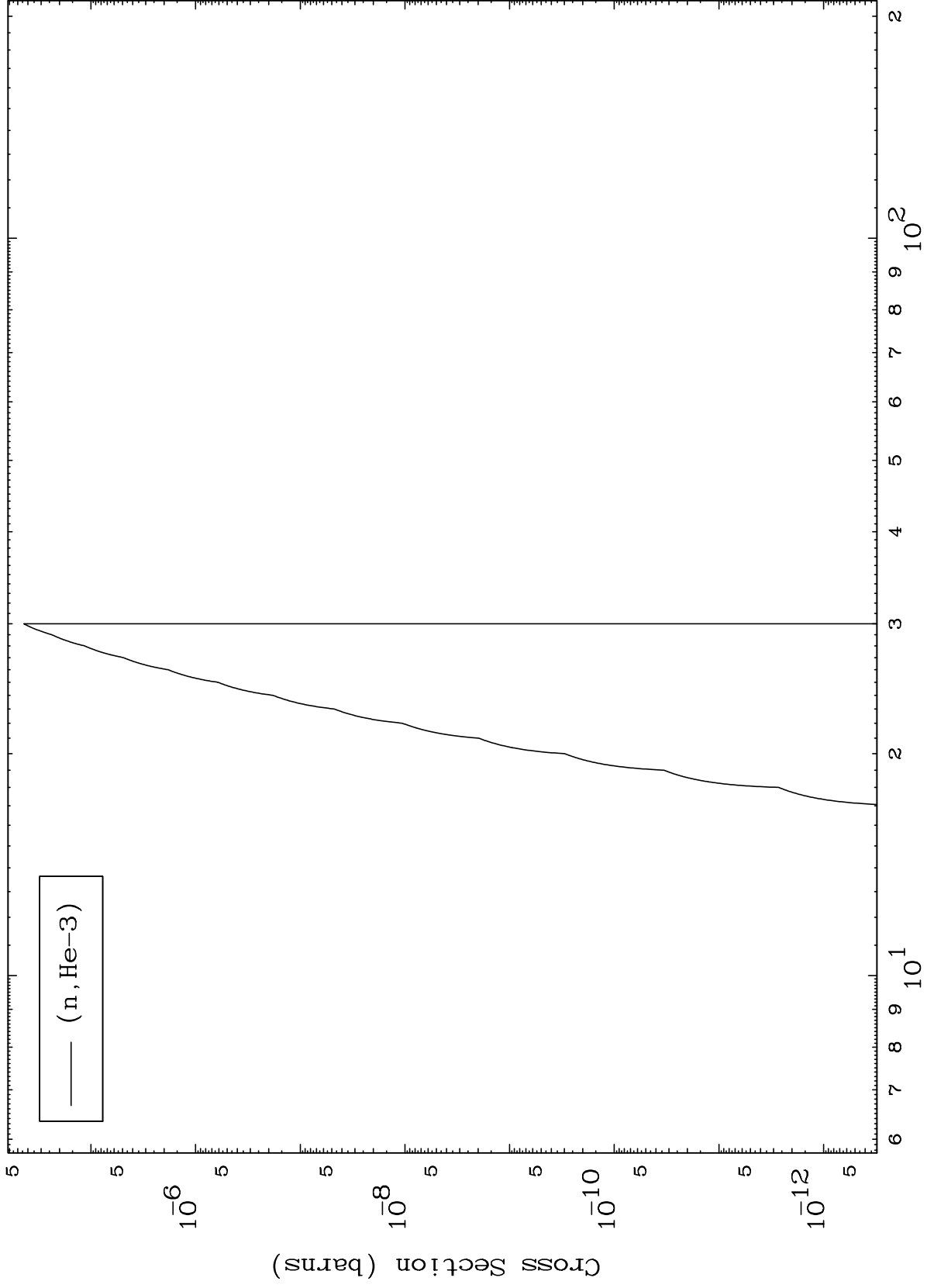
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-213



13

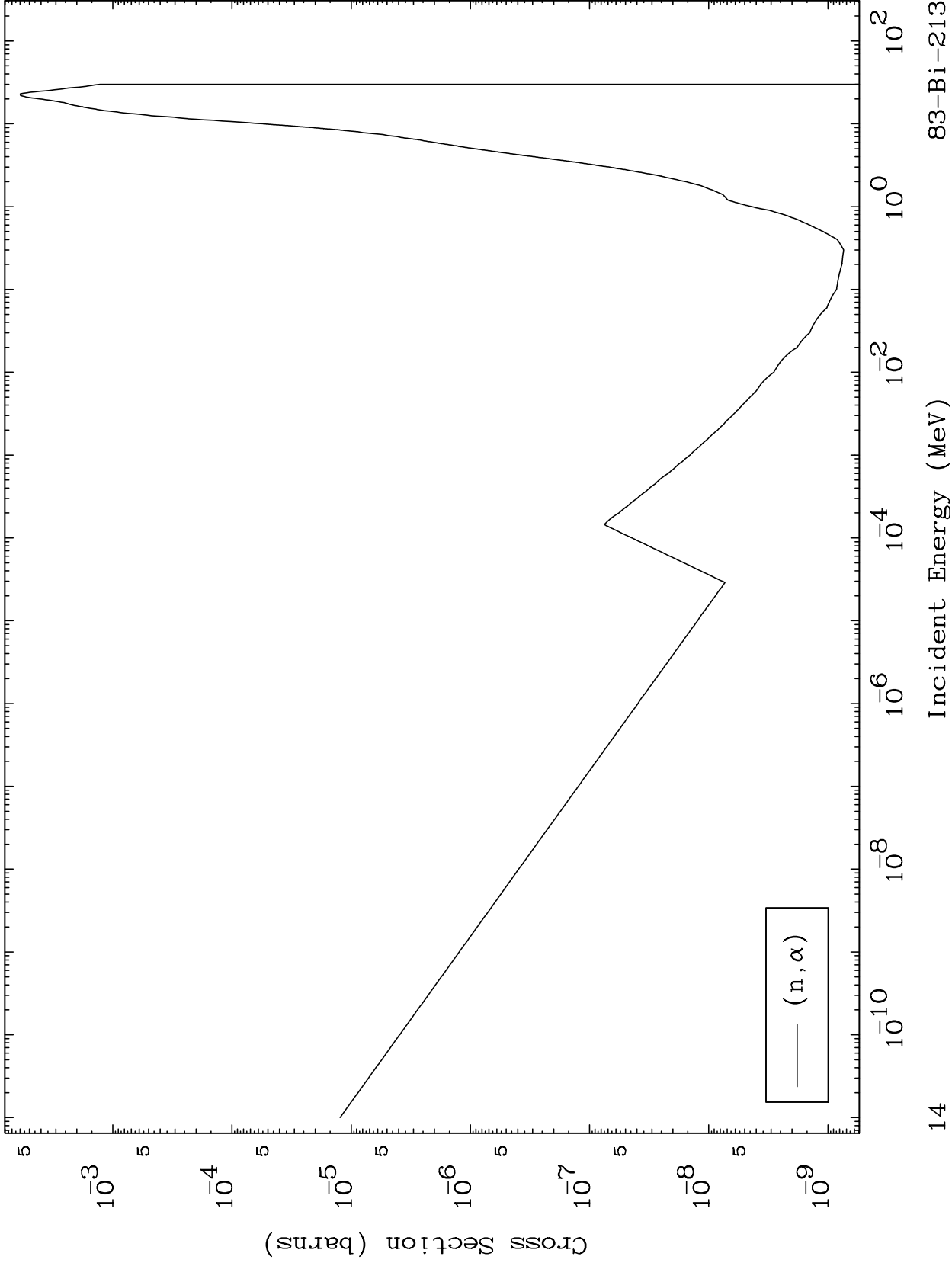
Incident Energy (MeV)

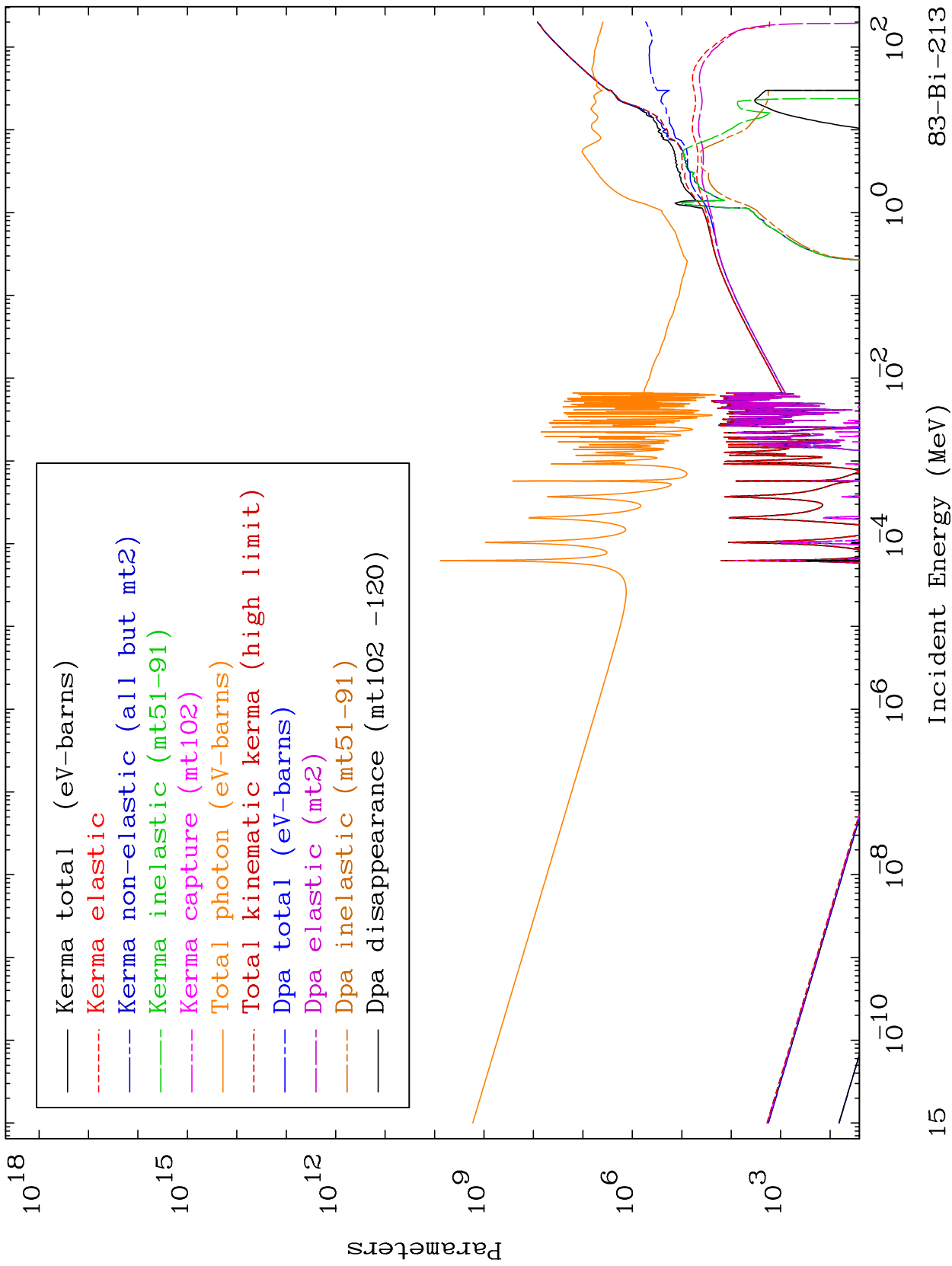
83-Bi-213

MAT 8337

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-213

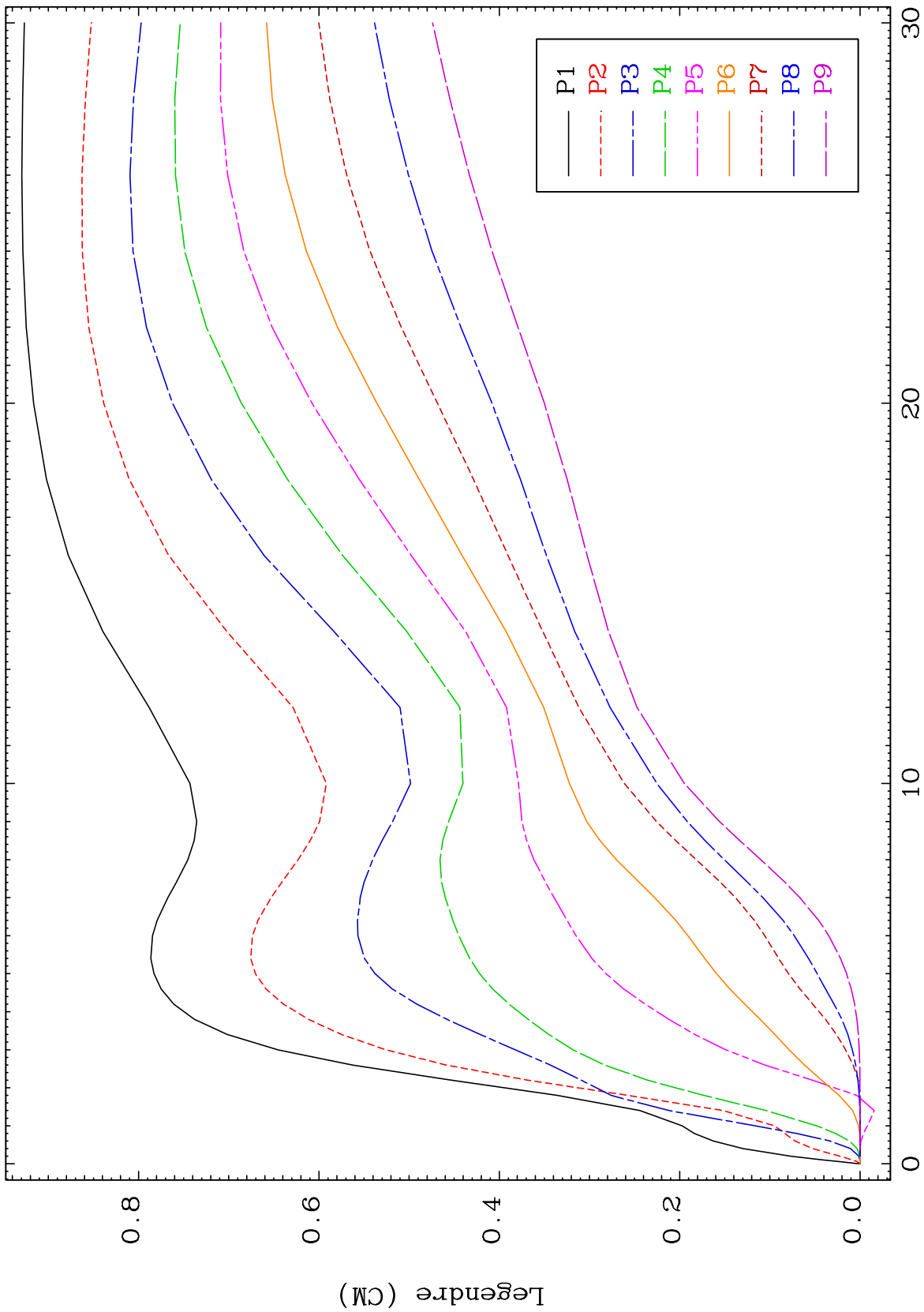




MAT 8337

83-Bi-213

Elastic Legendre Coefficients



83-Bi-213

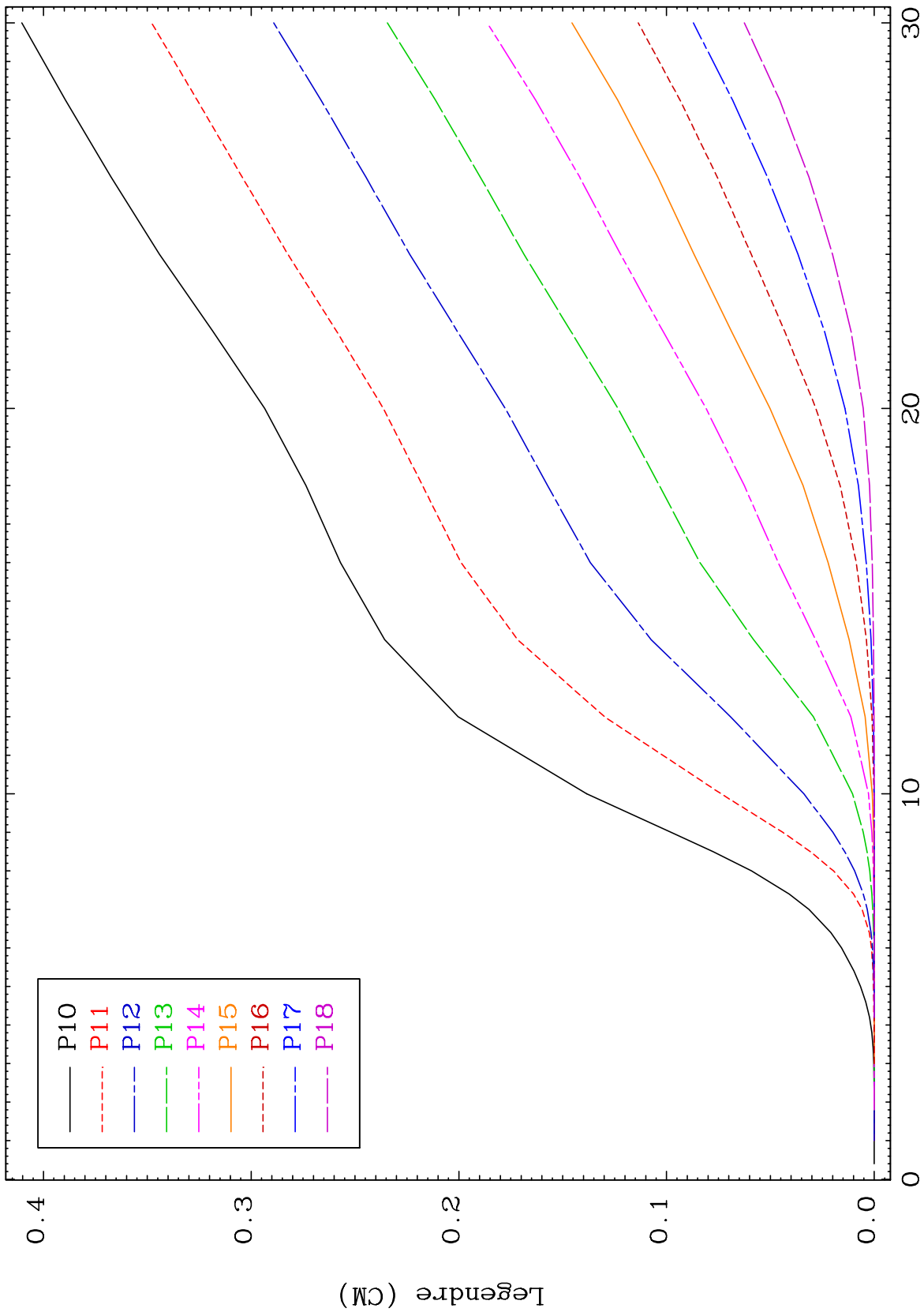
Incident Energy (MeV)

16

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



17

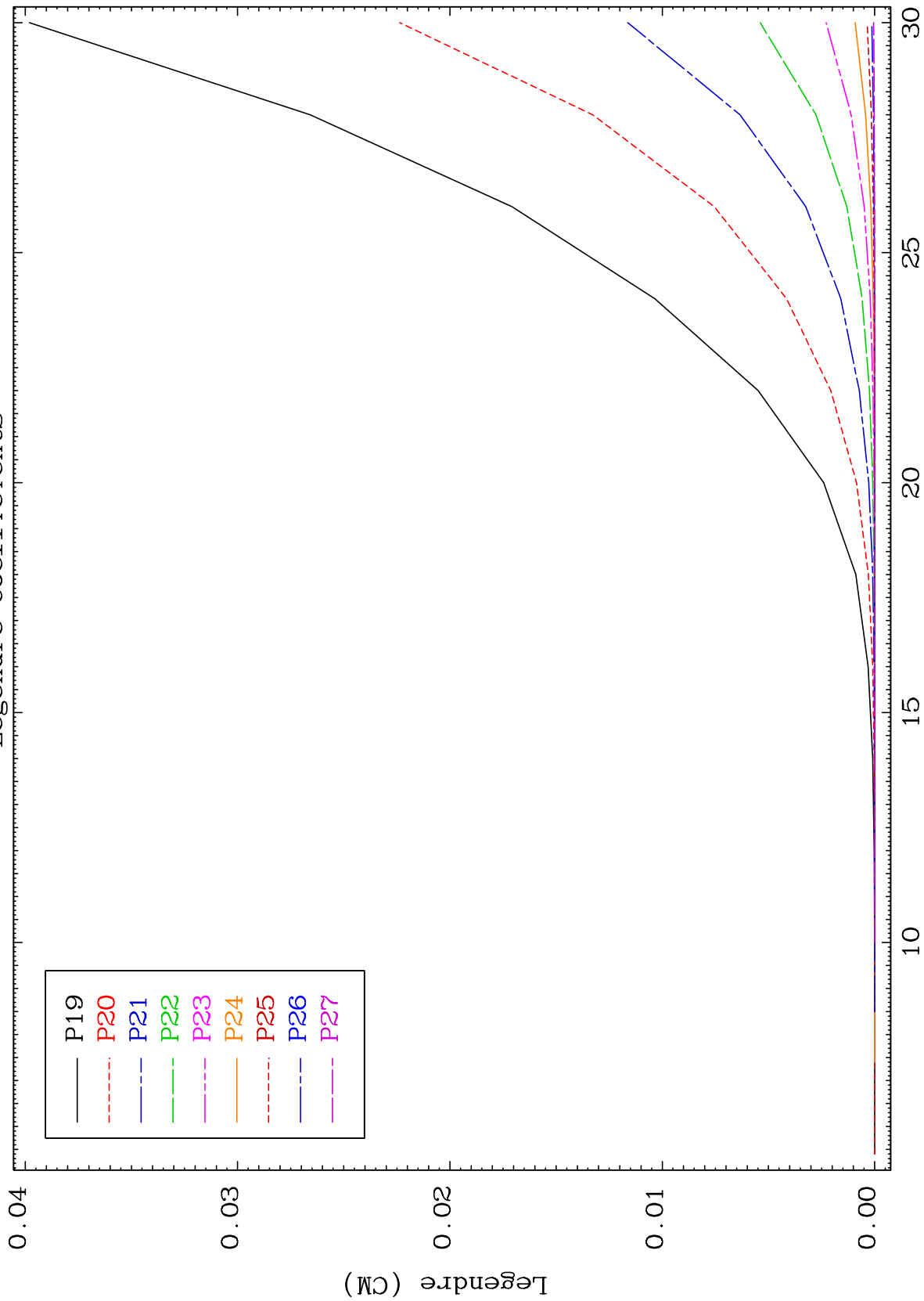
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic
Legendre Coefficients

83-Bi-213



18

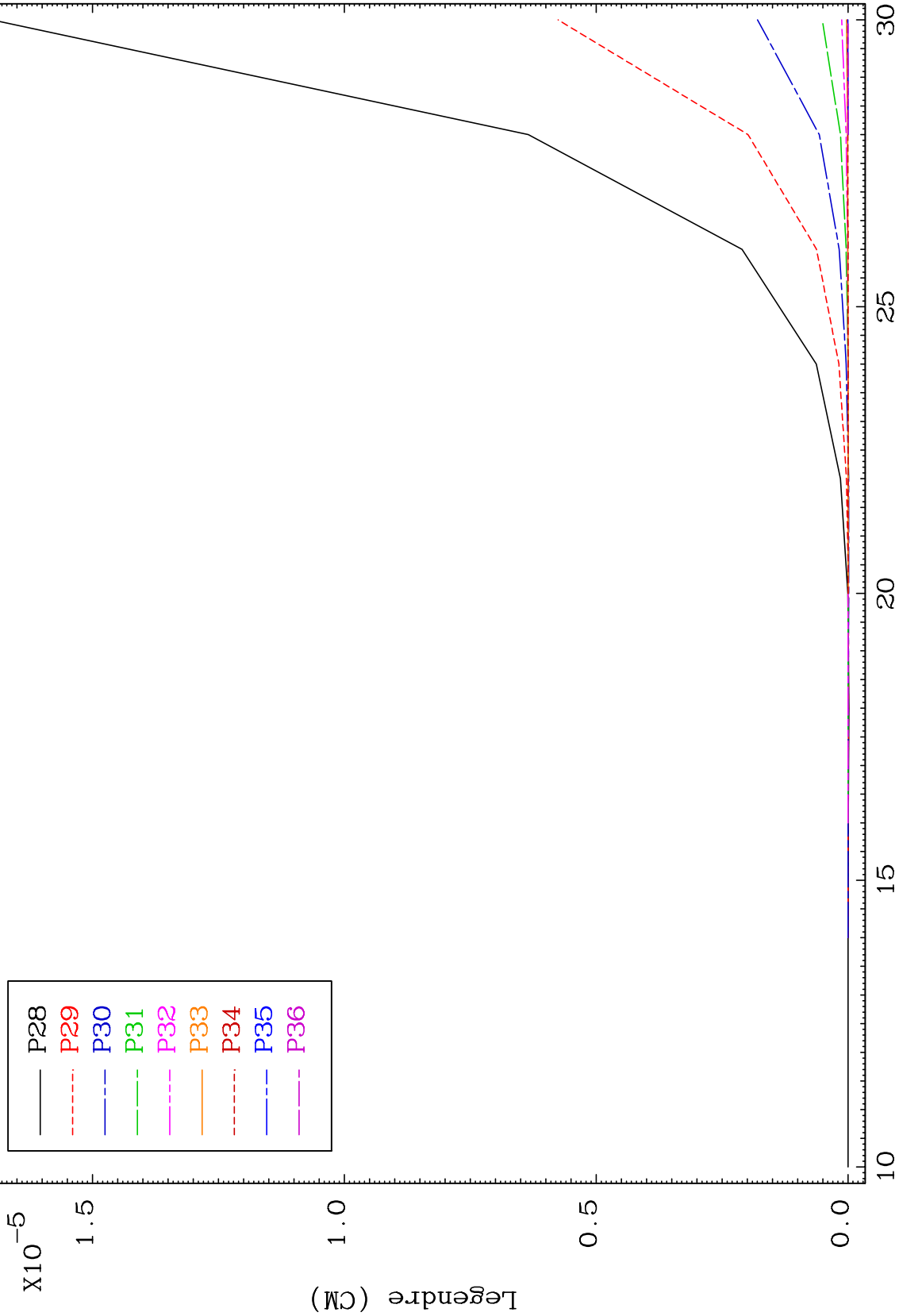
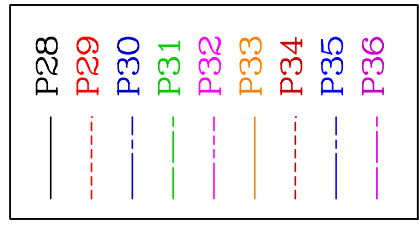
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



83-Bi-213

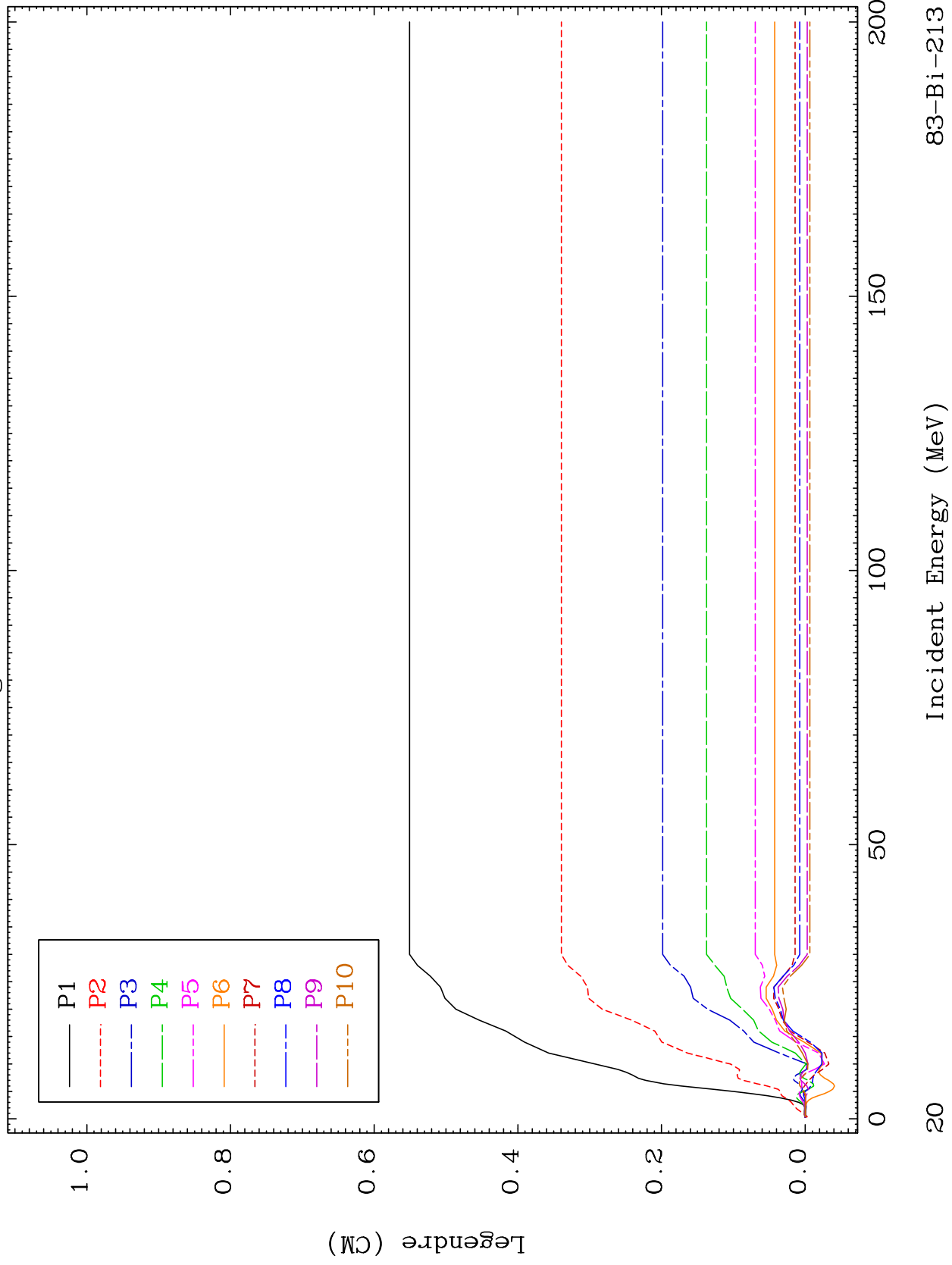
Incident Energy (MeV)

19

MAT 8337

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

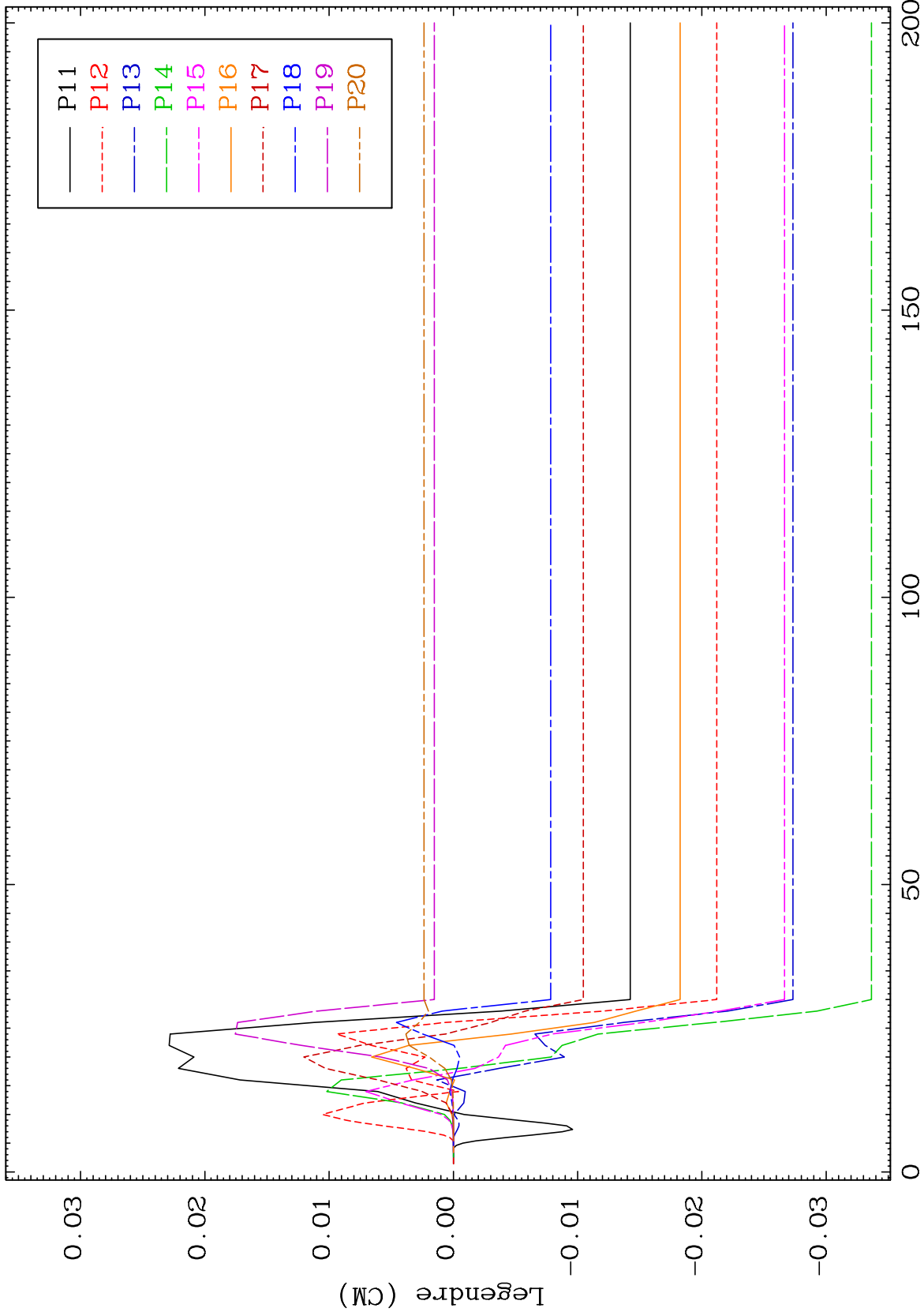
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MAT 8337

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

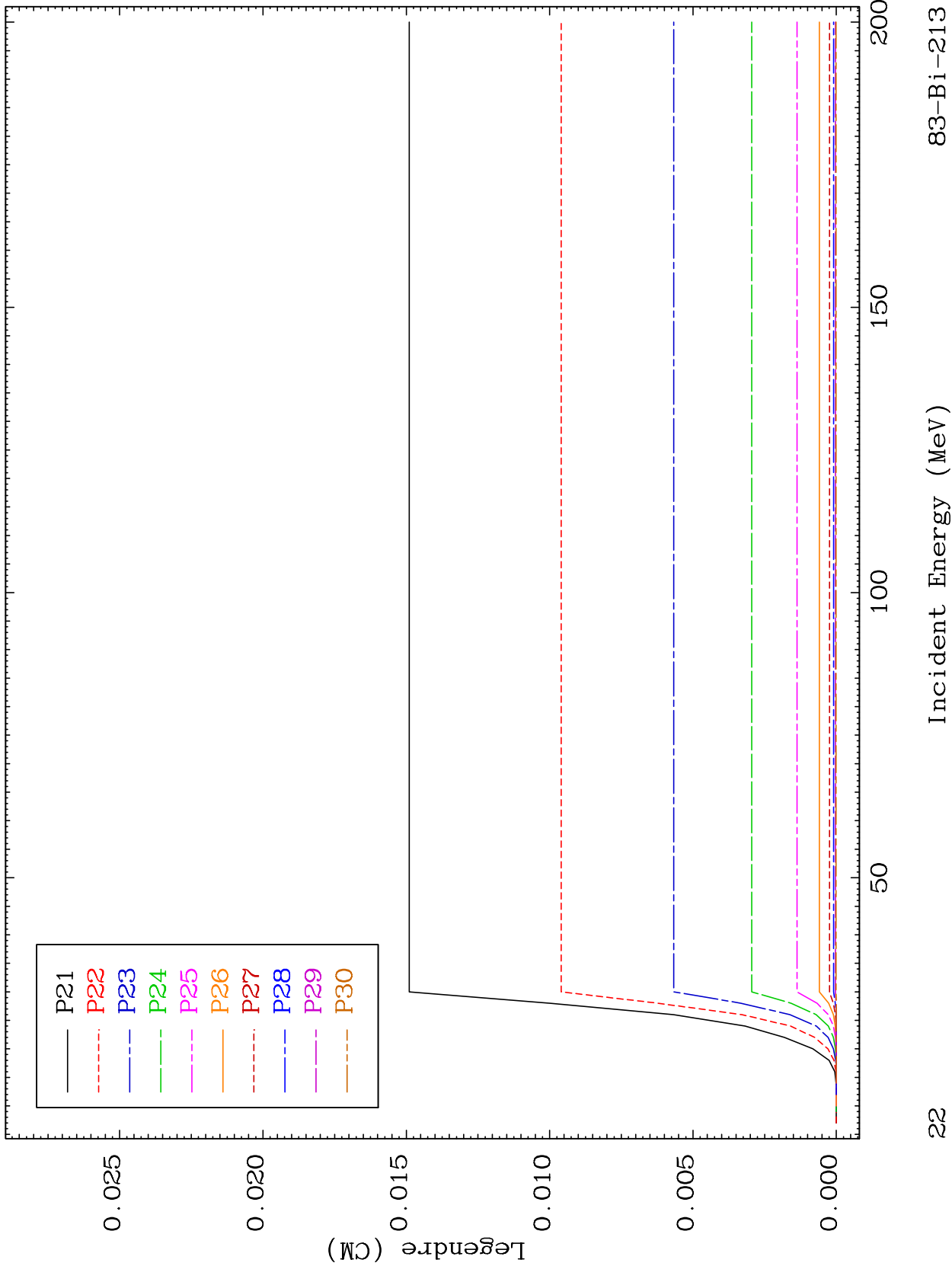
83-Bi-213



21

Incident Energy (MeV)

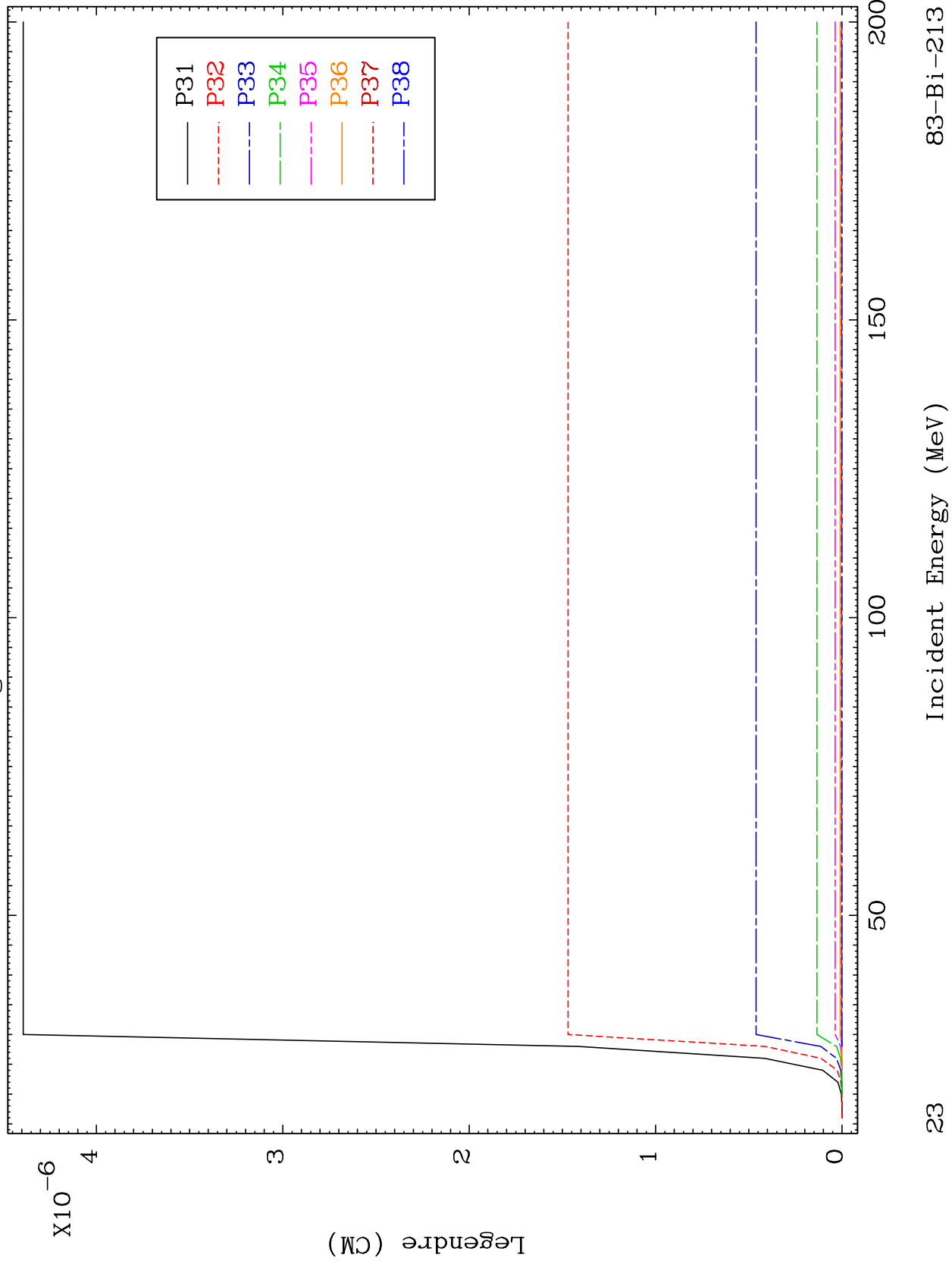
83-Bi-213



MAT 8337

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

83-Bi-213



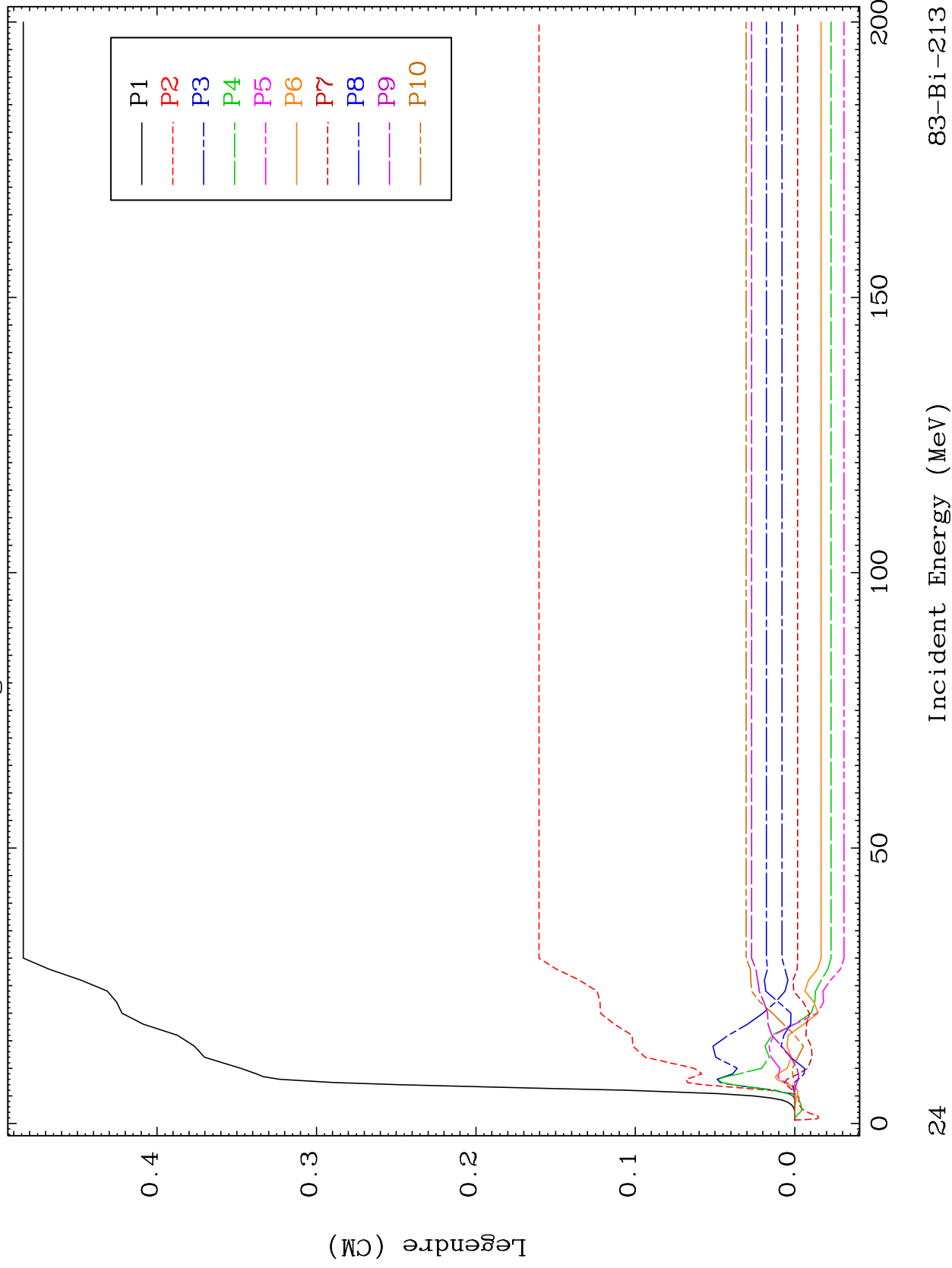
23

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

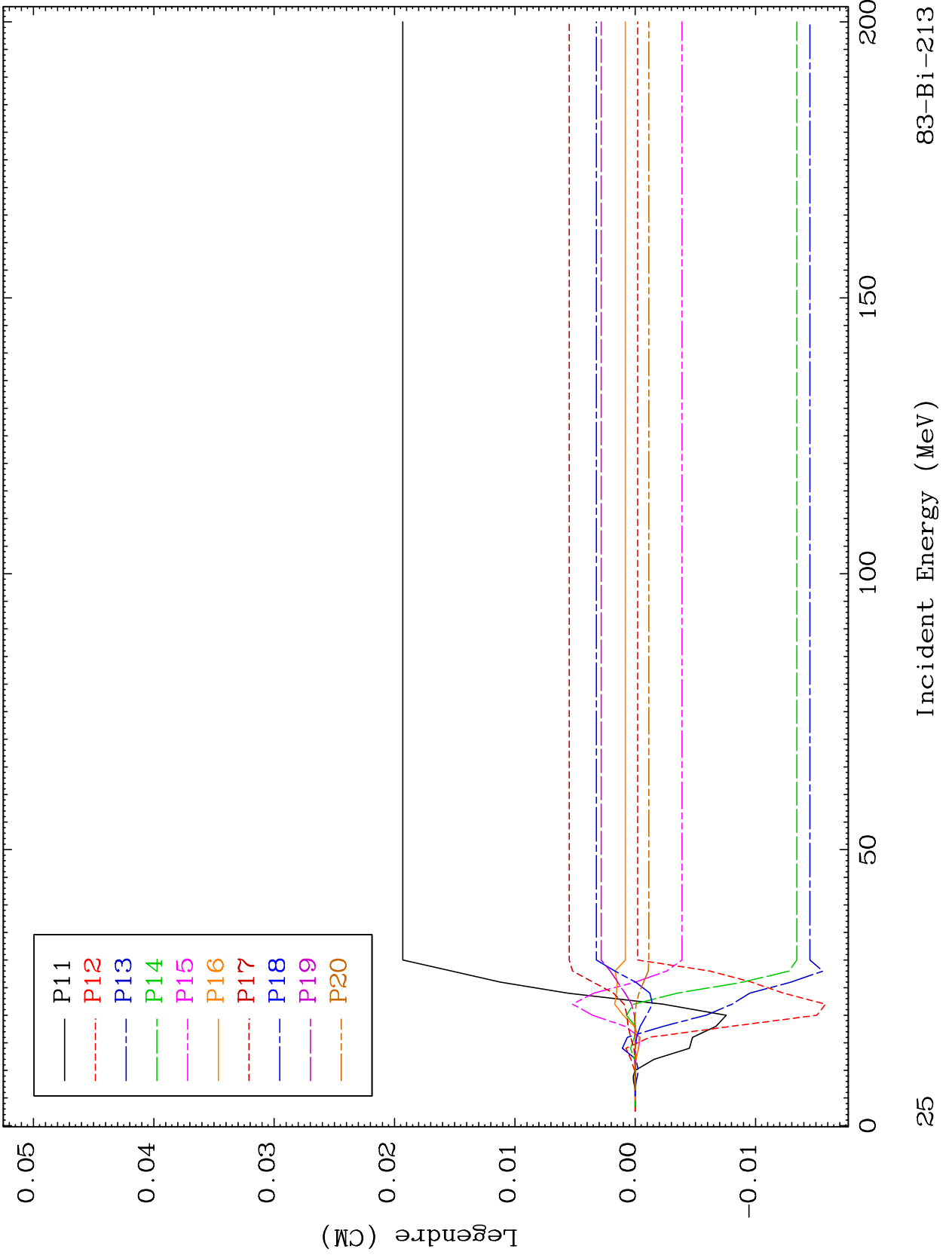
Incident Energy (MeV)

24

MAT 8337

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

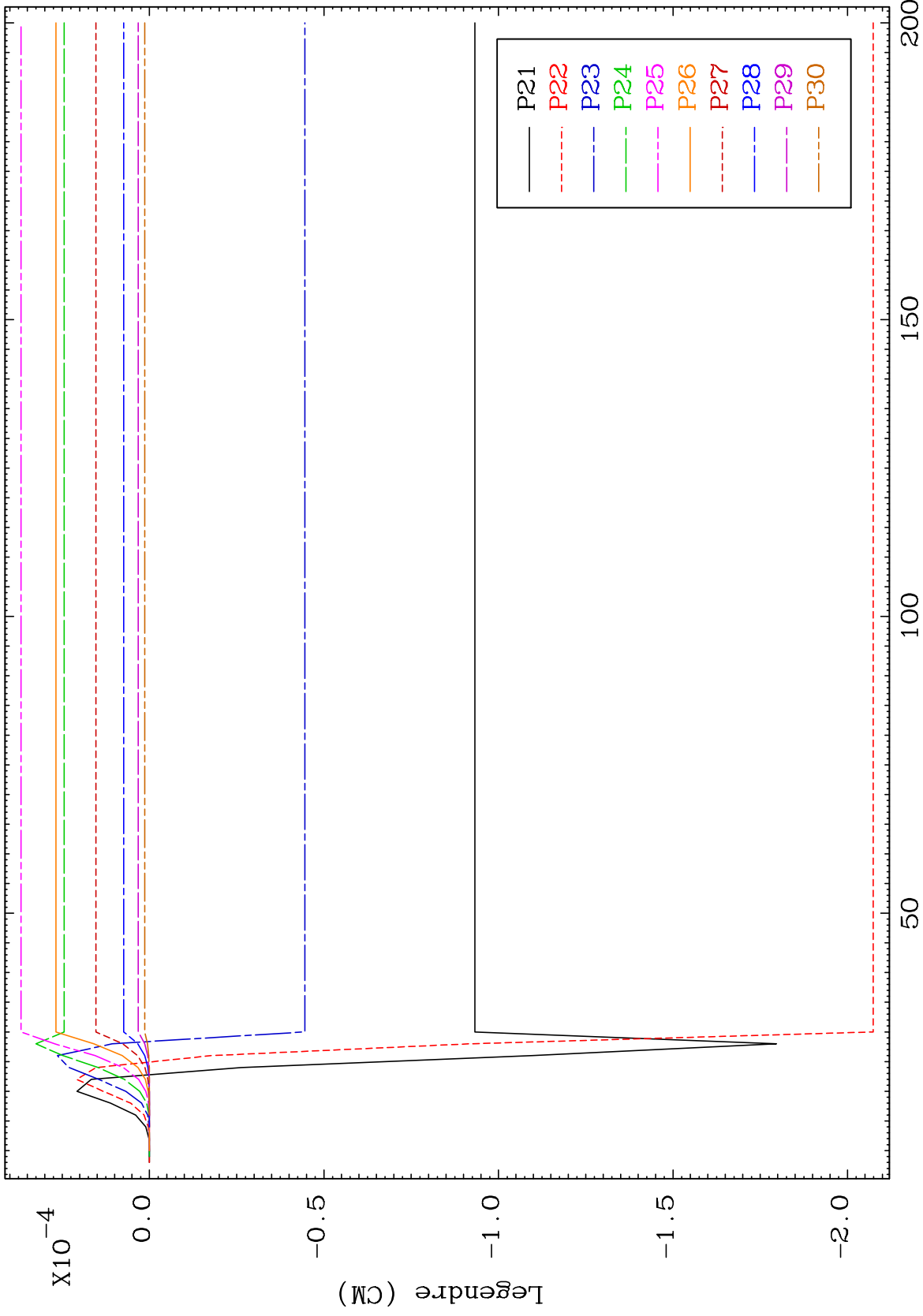
83-Bi-213



83-Bi-213

Incident Energy (MeV)

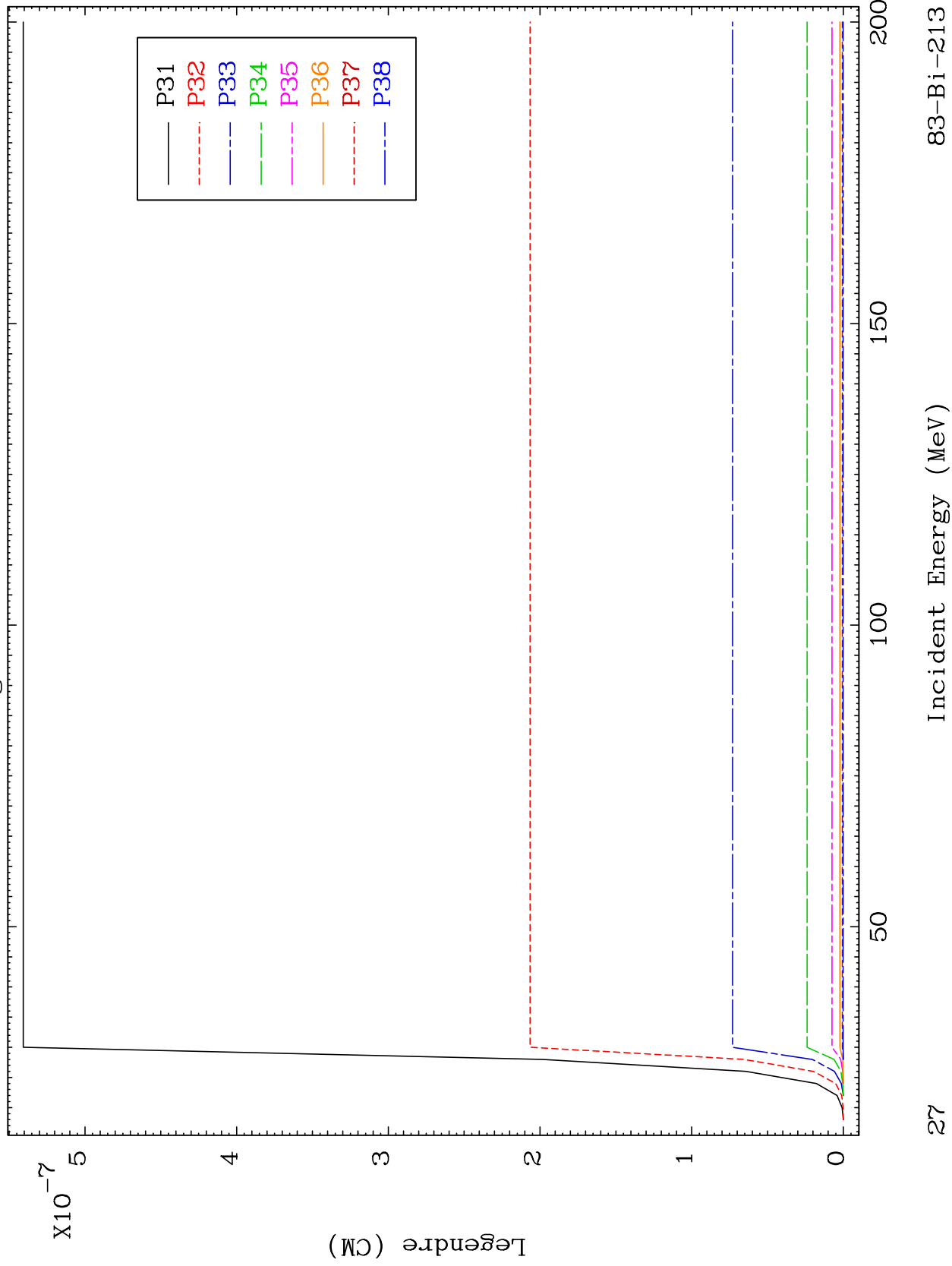
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MAT 8337

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

83-Bi-213



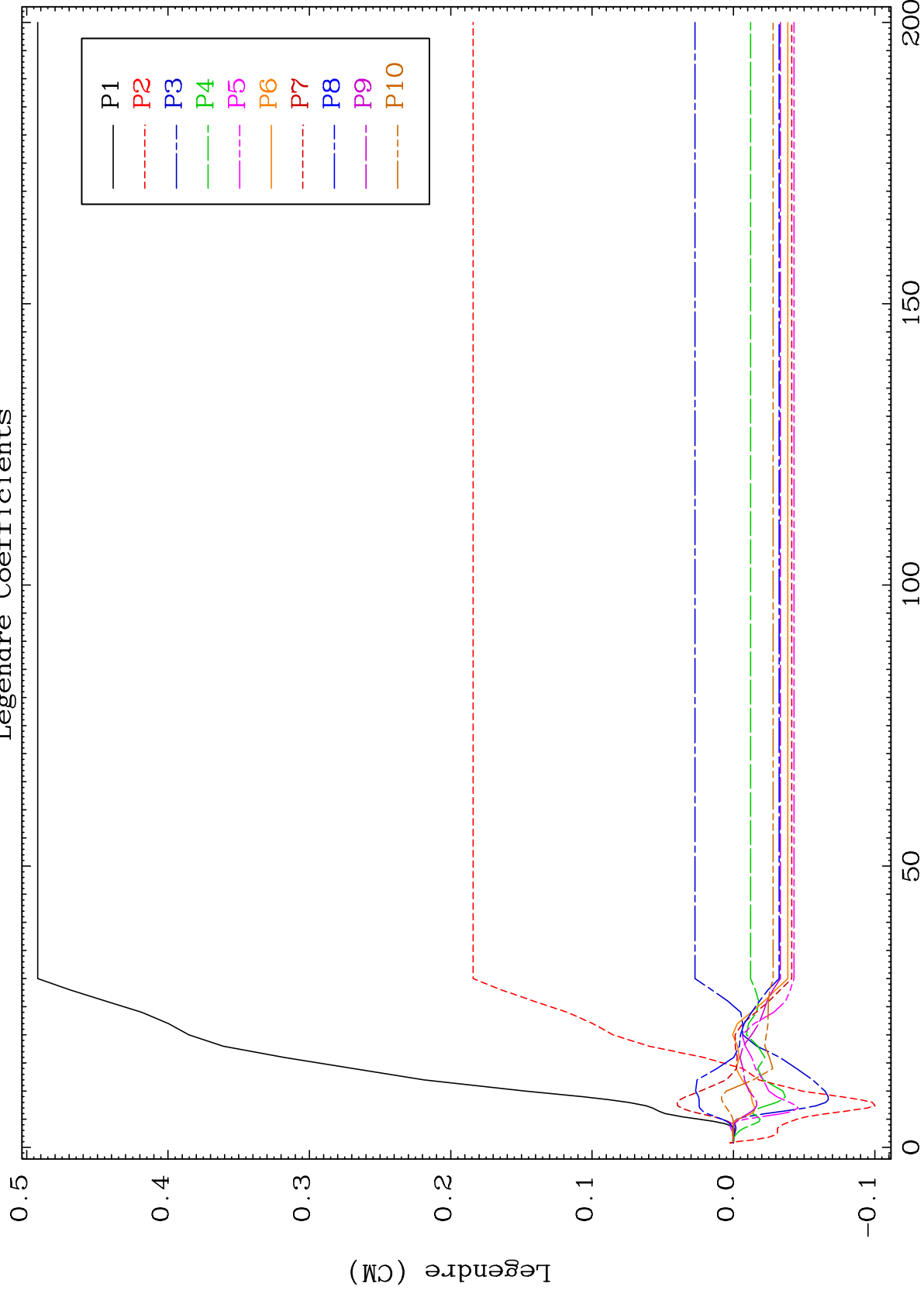
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83-Bi-213

MAT 8337

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

83-Bi-213



28

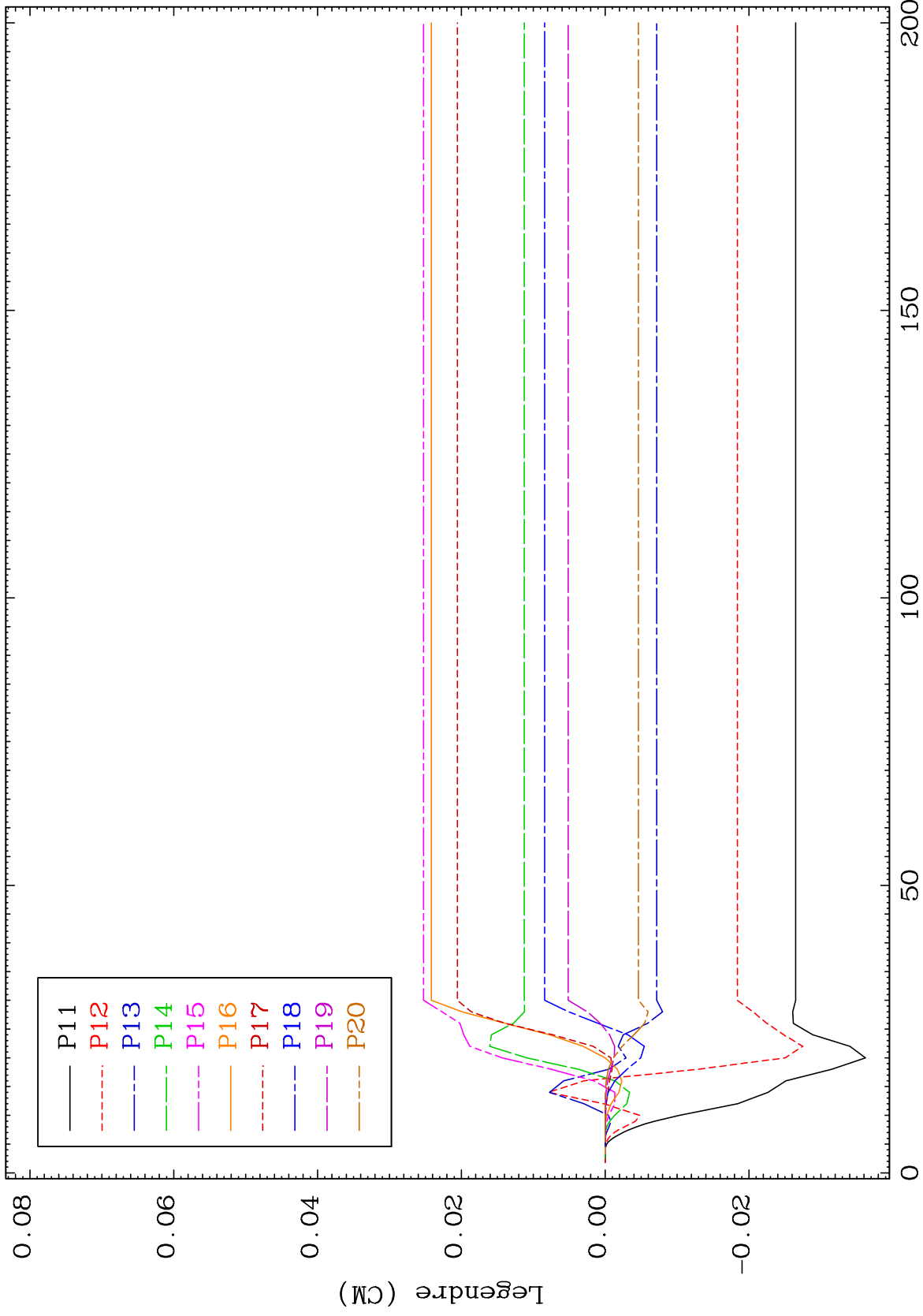
83-Bi-213

83-Bi-213

MAT 8337

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

83-Bi-213



29

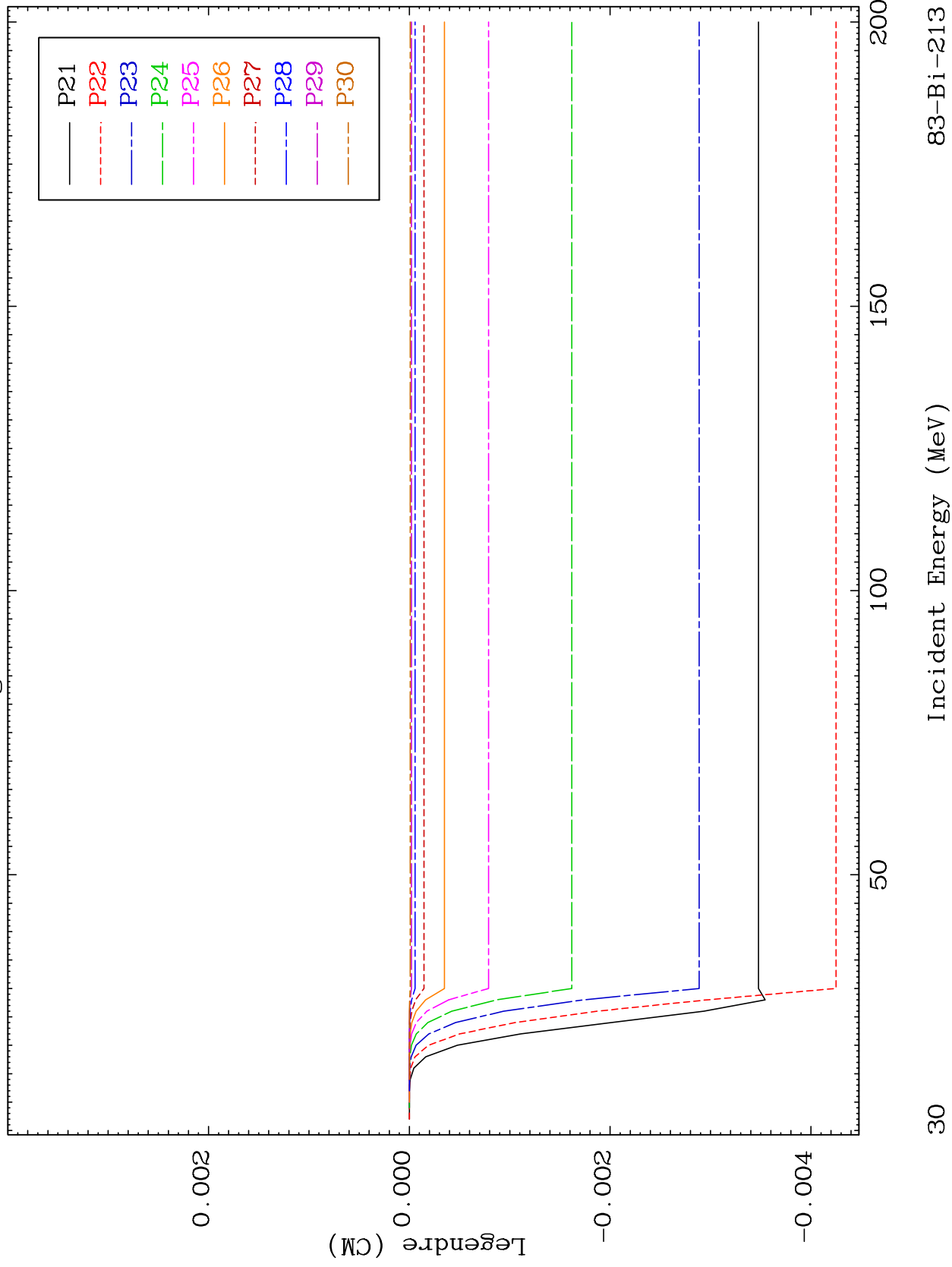
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

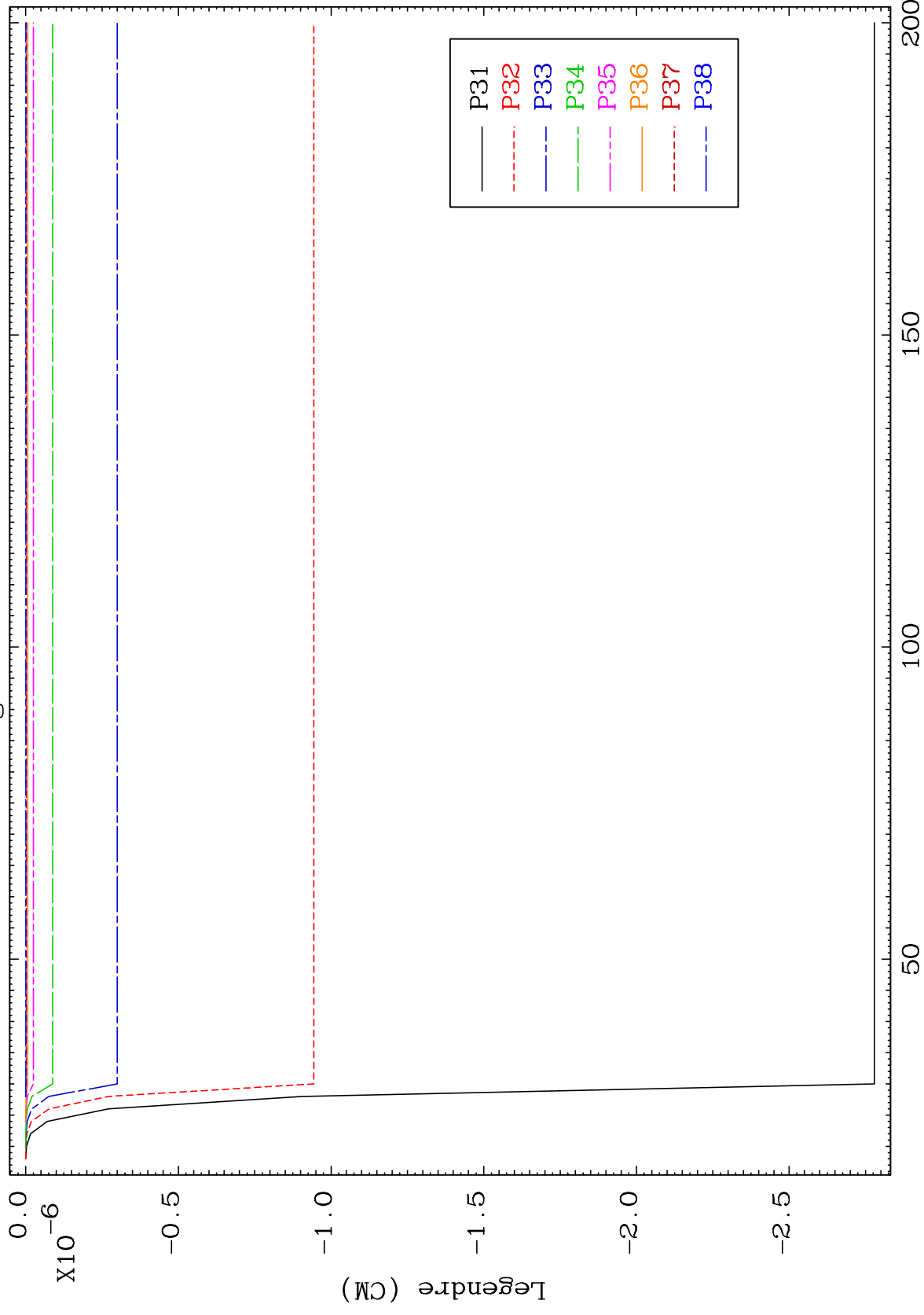
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MAT 8337

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

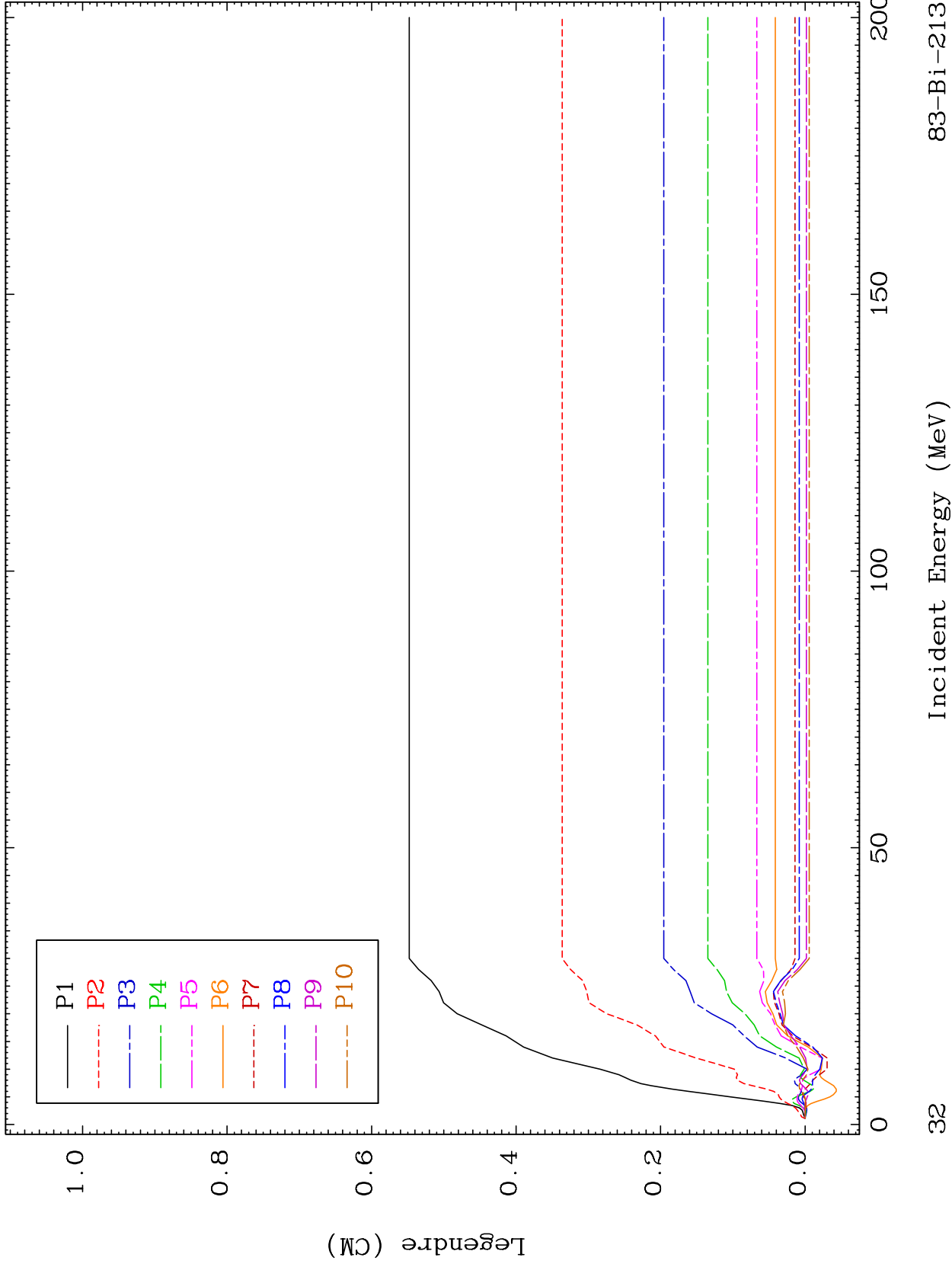
83-Bi-213



MAT 8337

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

83-Bi-213



32

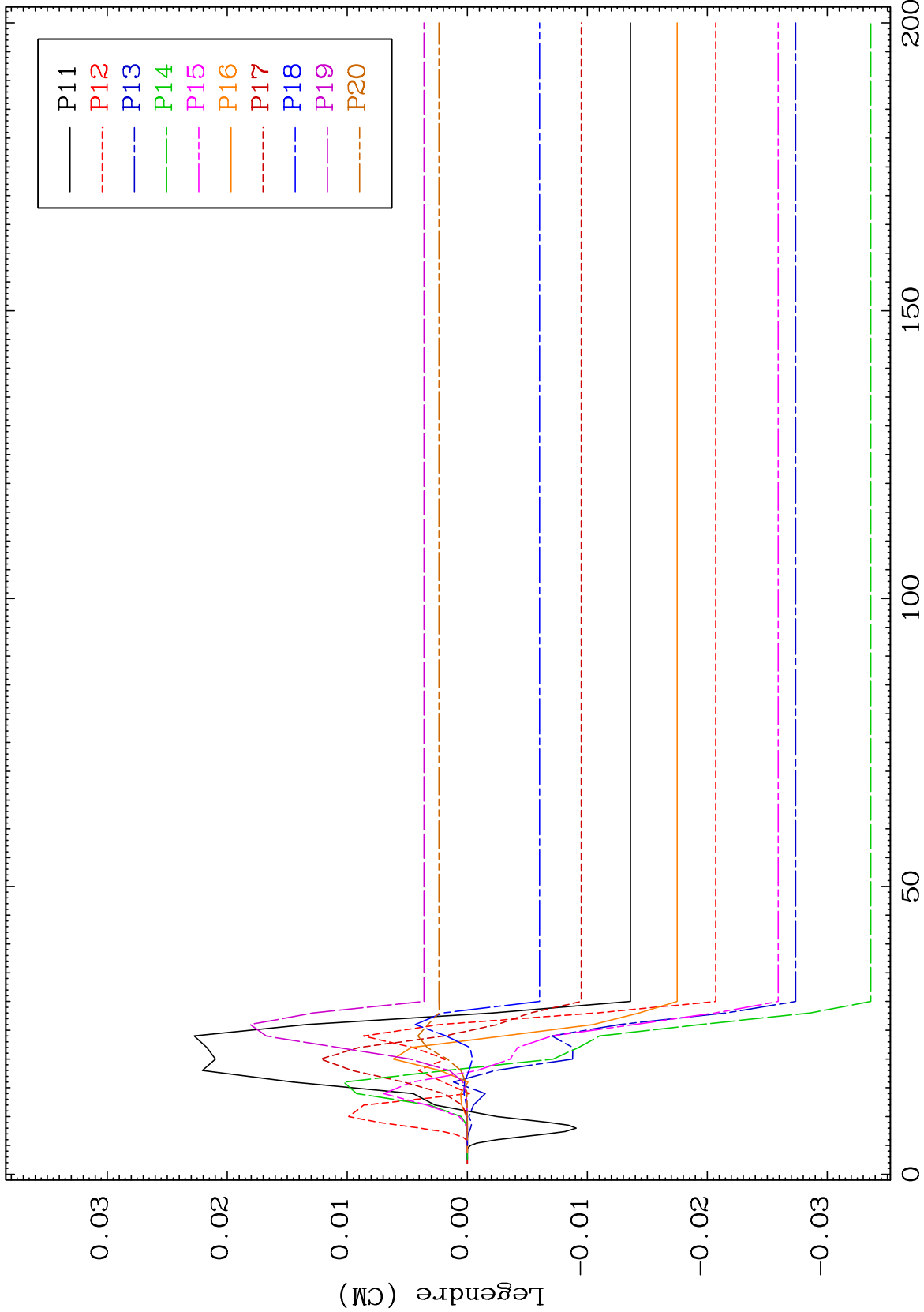
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

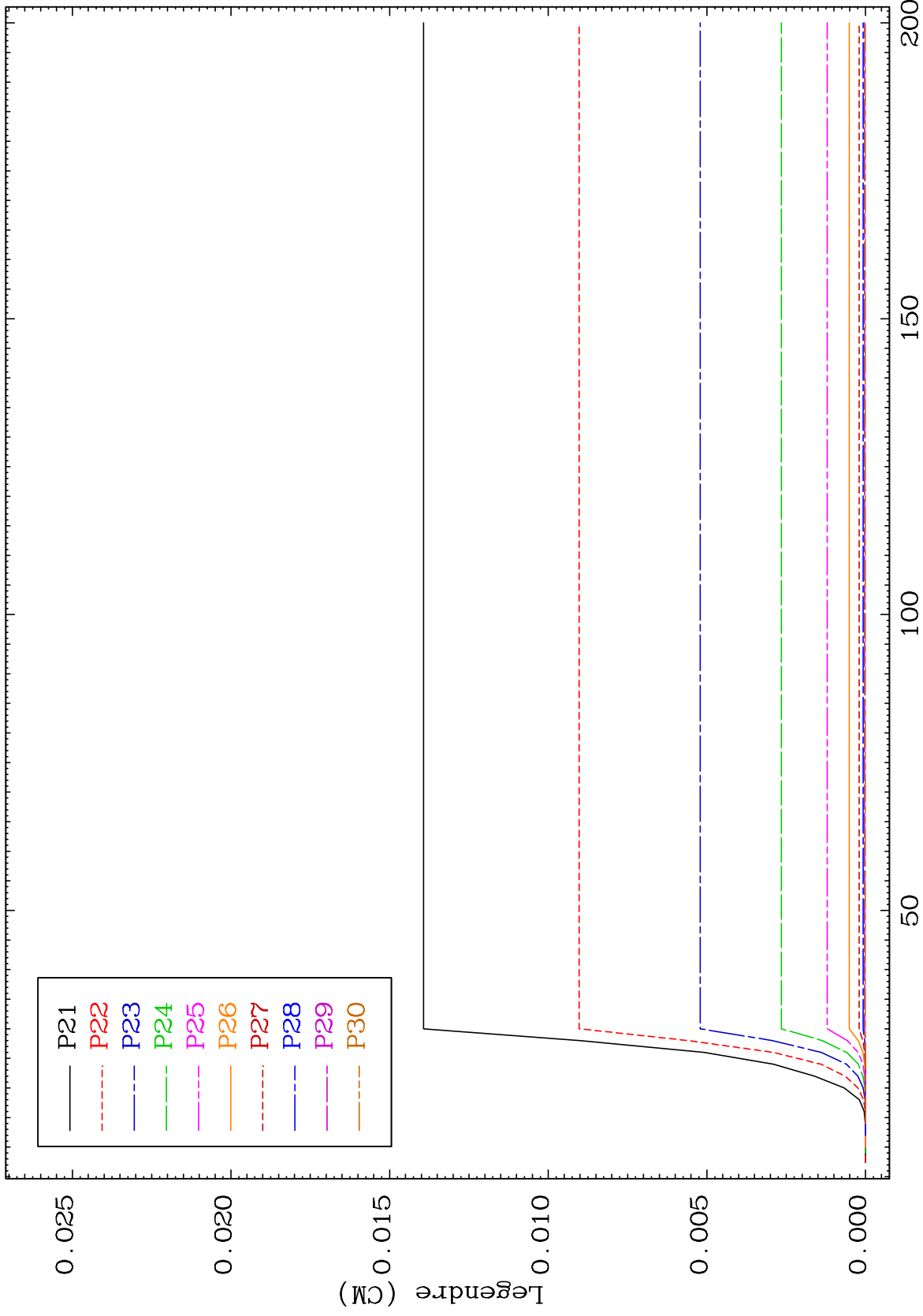
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33

Incident Energy (MeV)

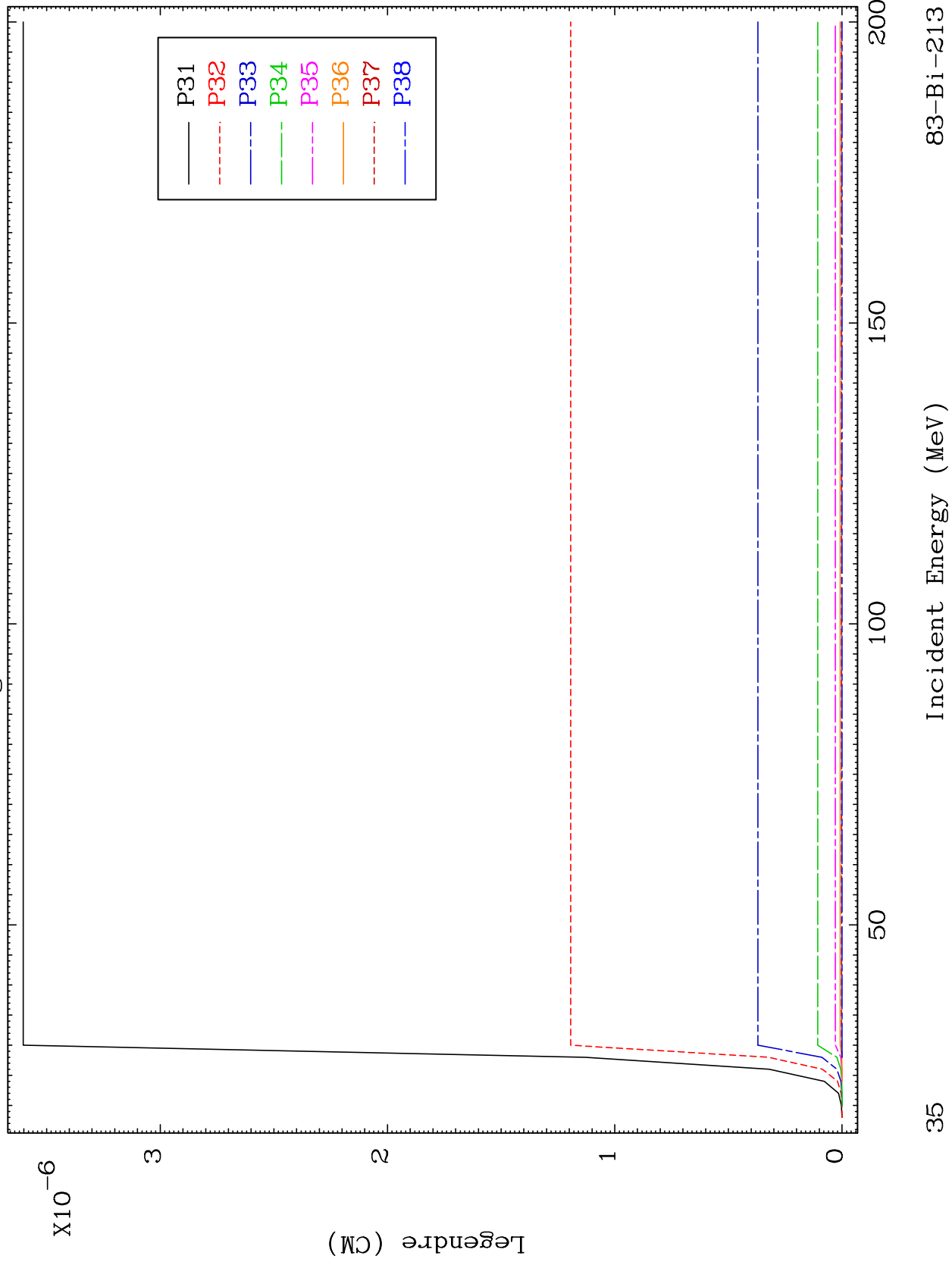
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MAT 8337

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

83-Bi-213



35

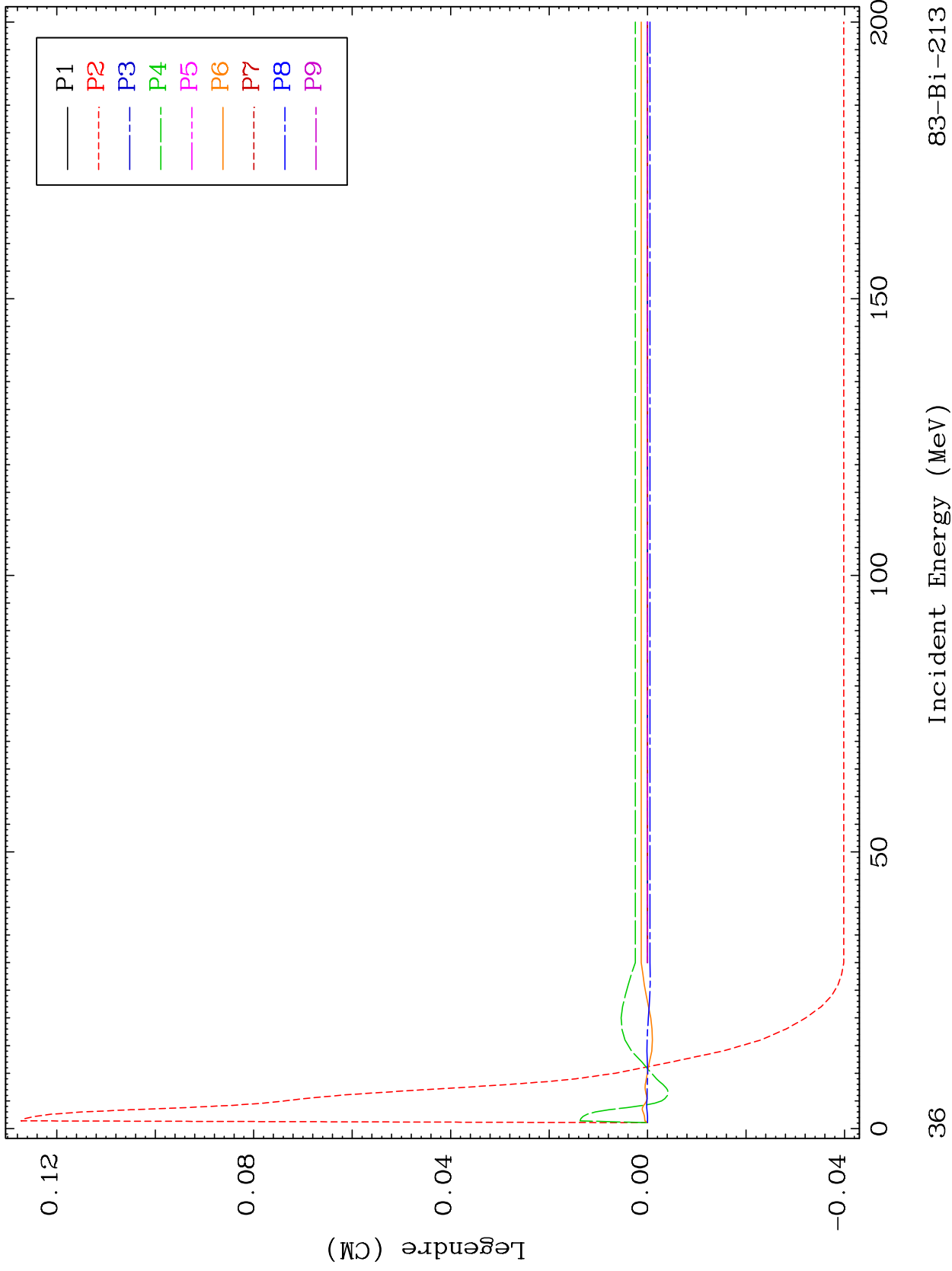
Incident Energy (MeV)

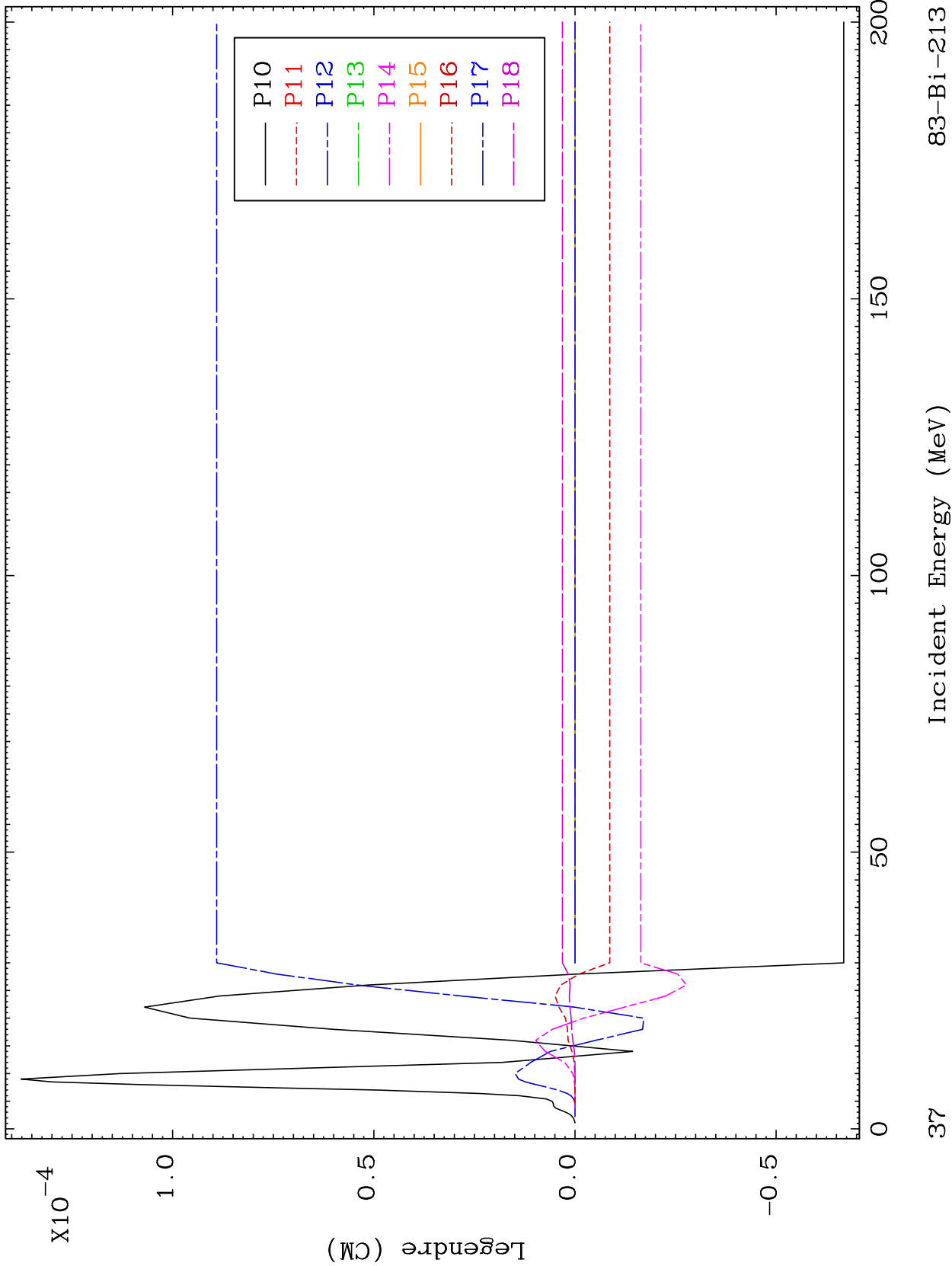
83-Bi-213

MAT 8337

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

83-Bi-213

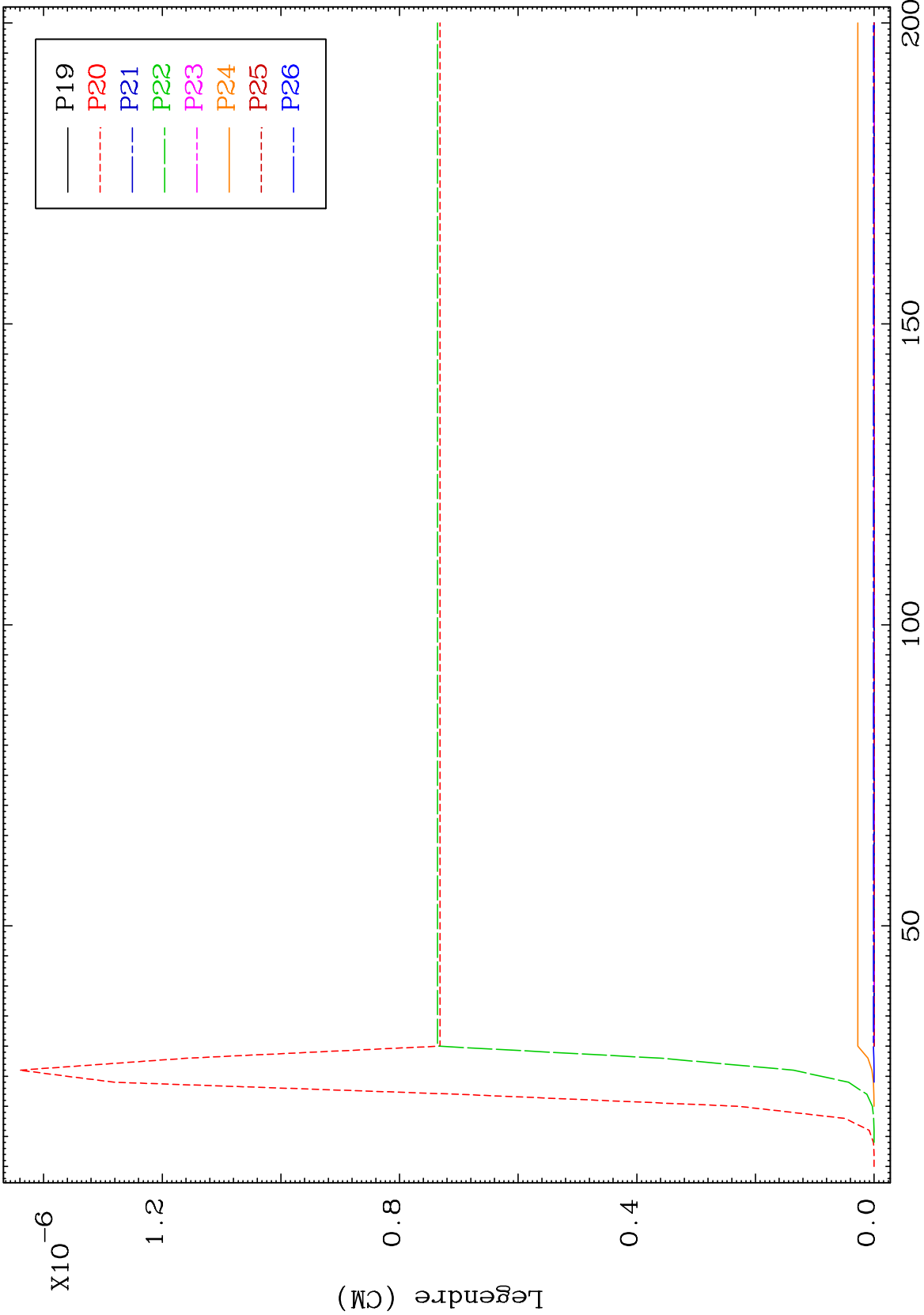




MAT 8337

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

83-Bi-213



38

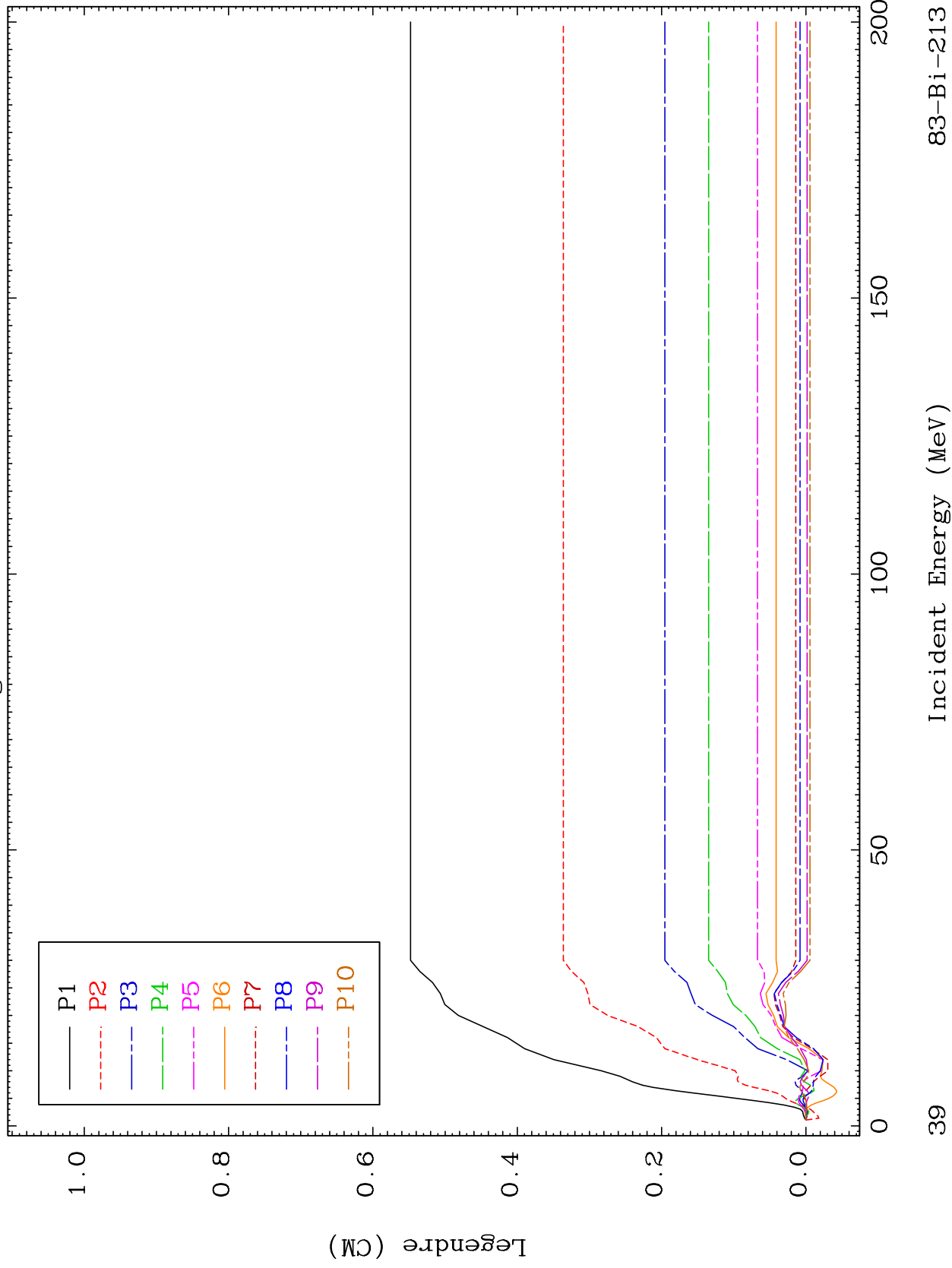
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



39

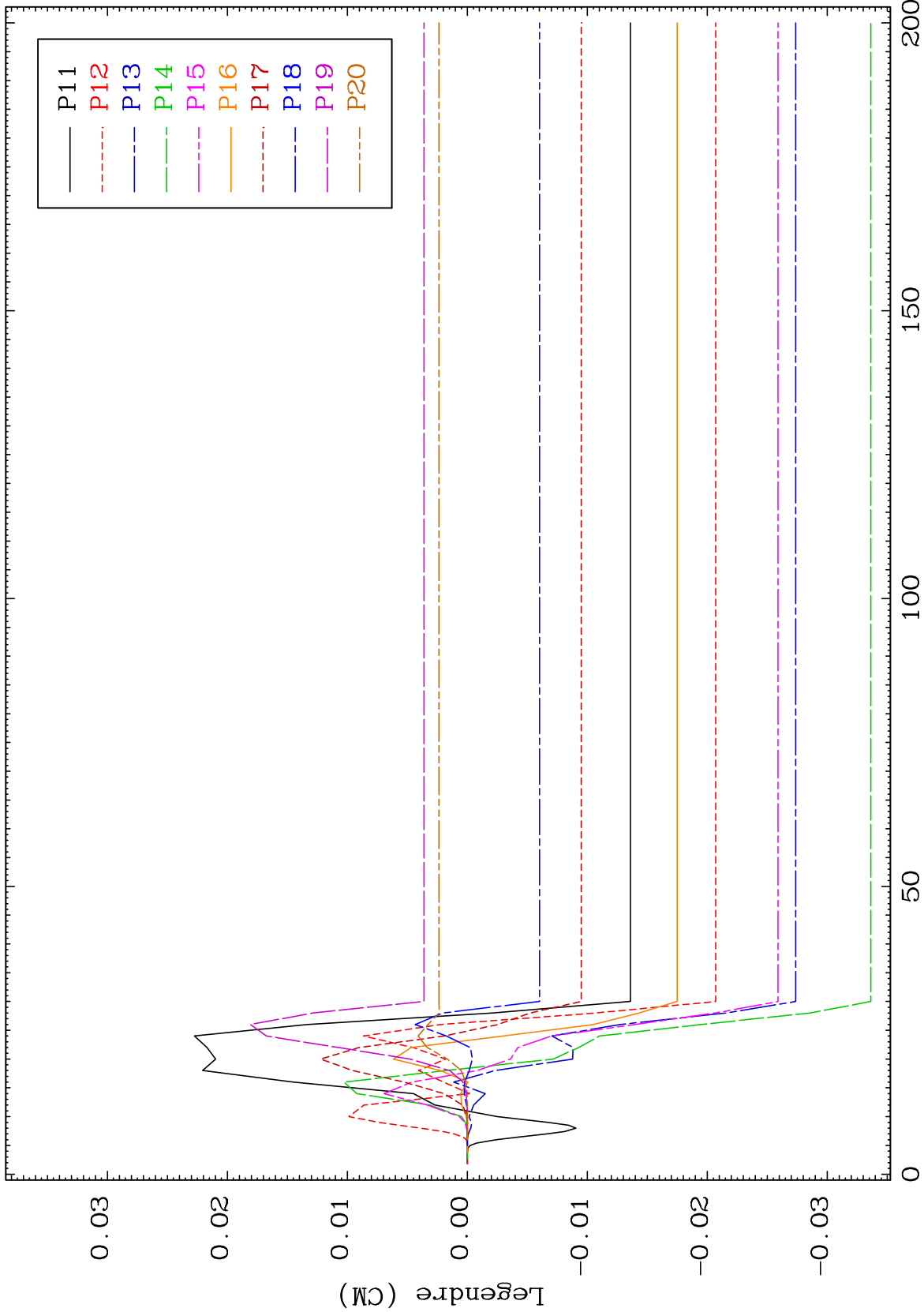
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

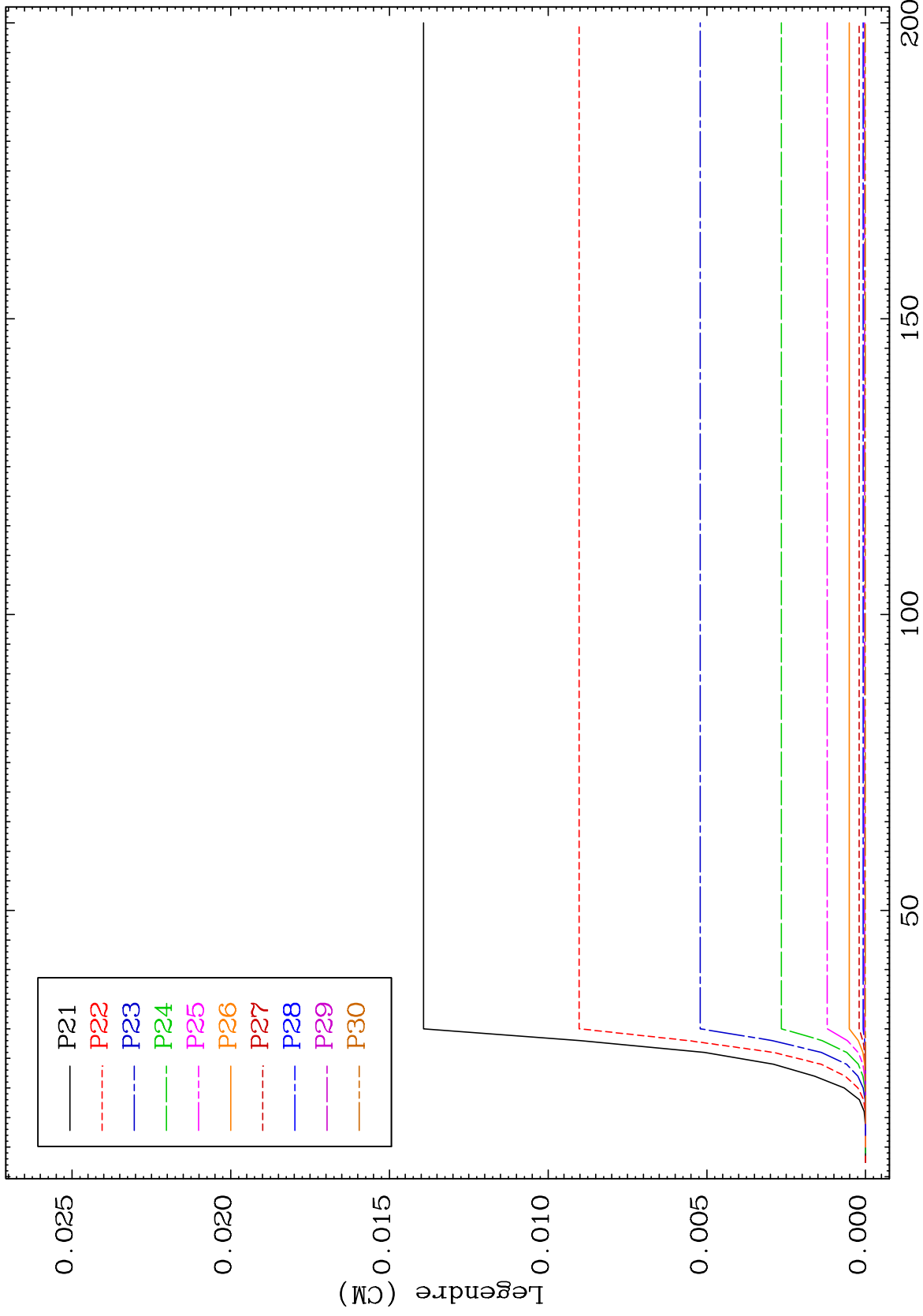
83-Bi-213



83-Bi-213

Incident Energy (MeV)

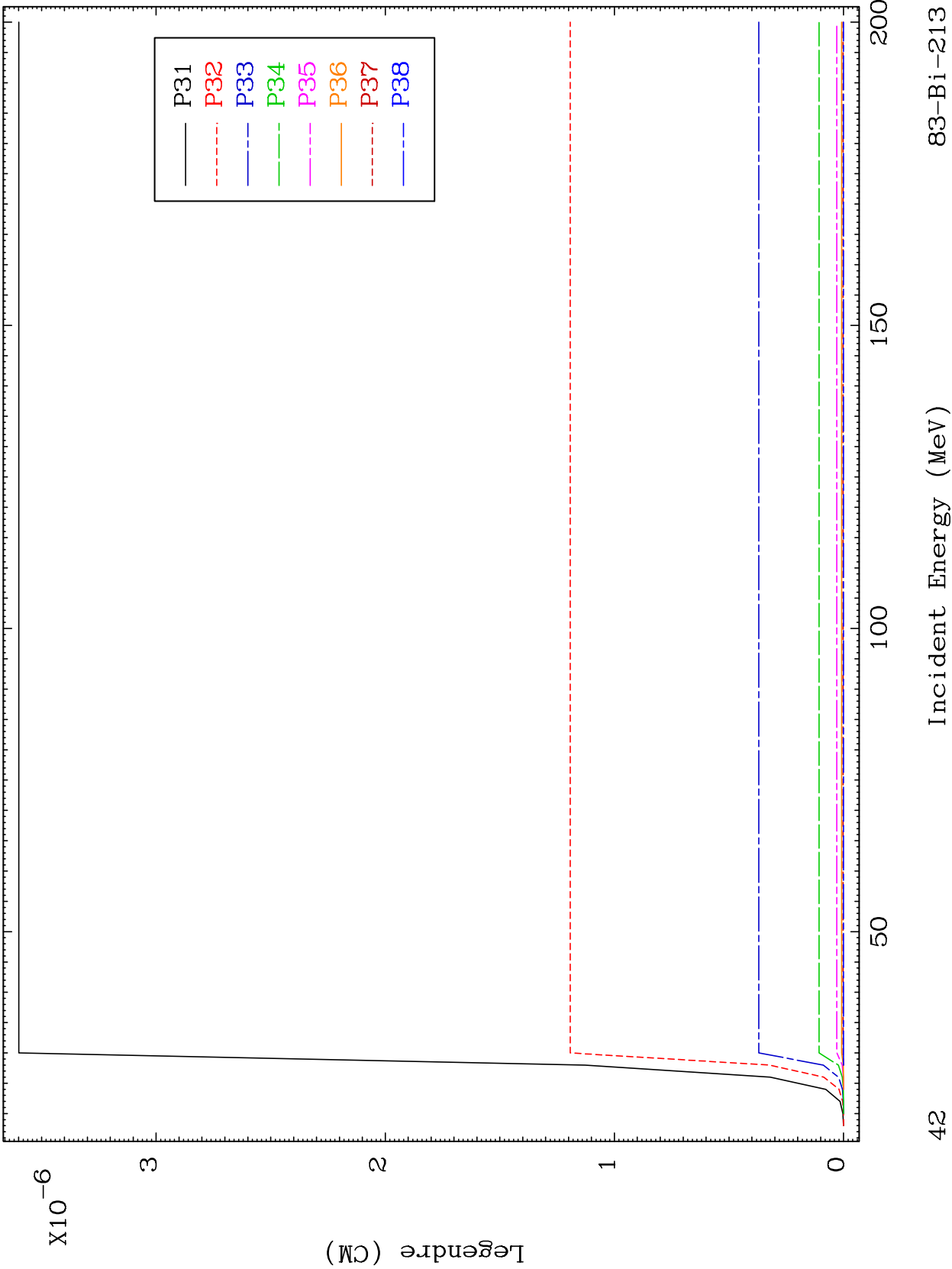
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MAT 8337

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

83-Bi-213



42

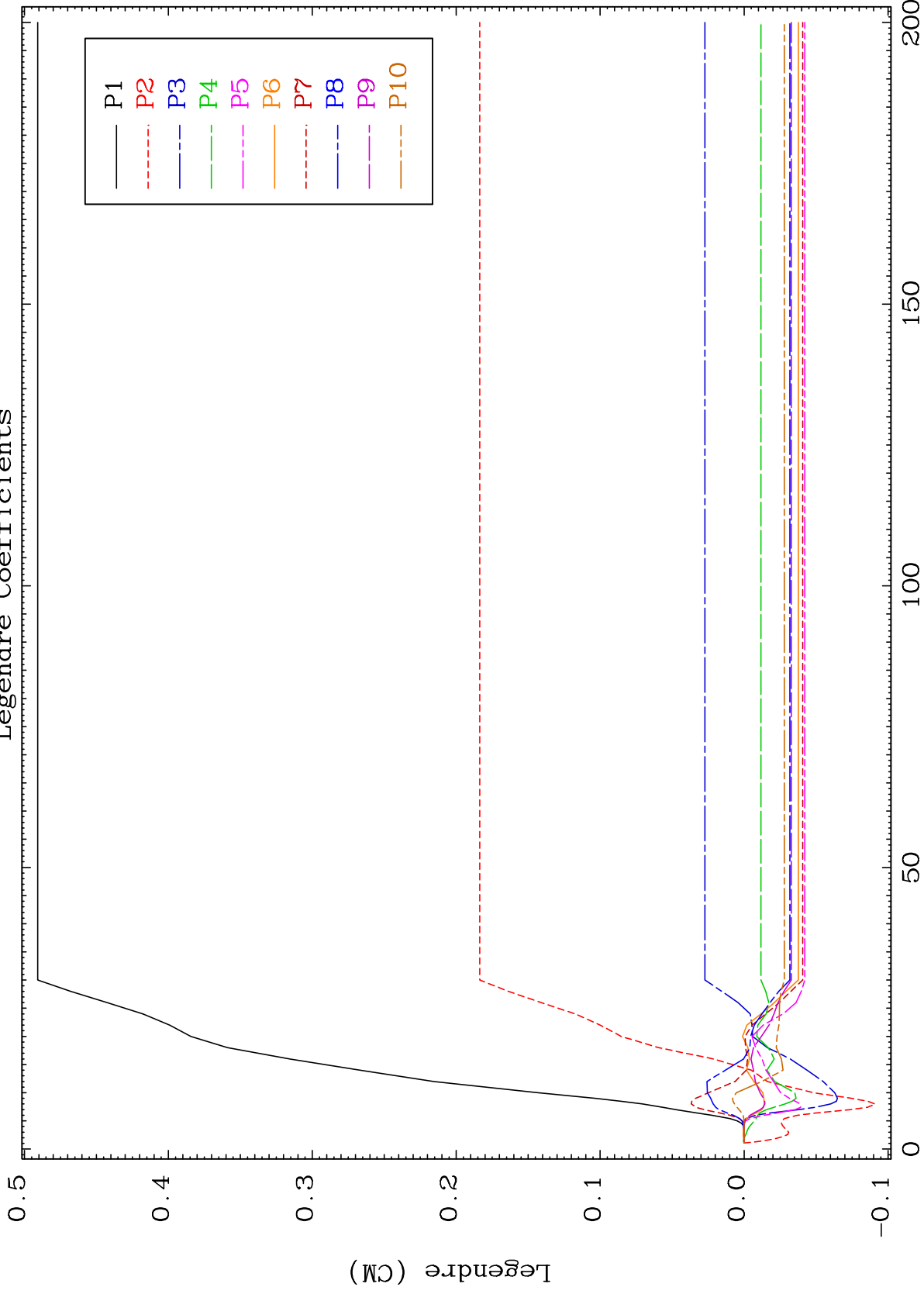
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



43

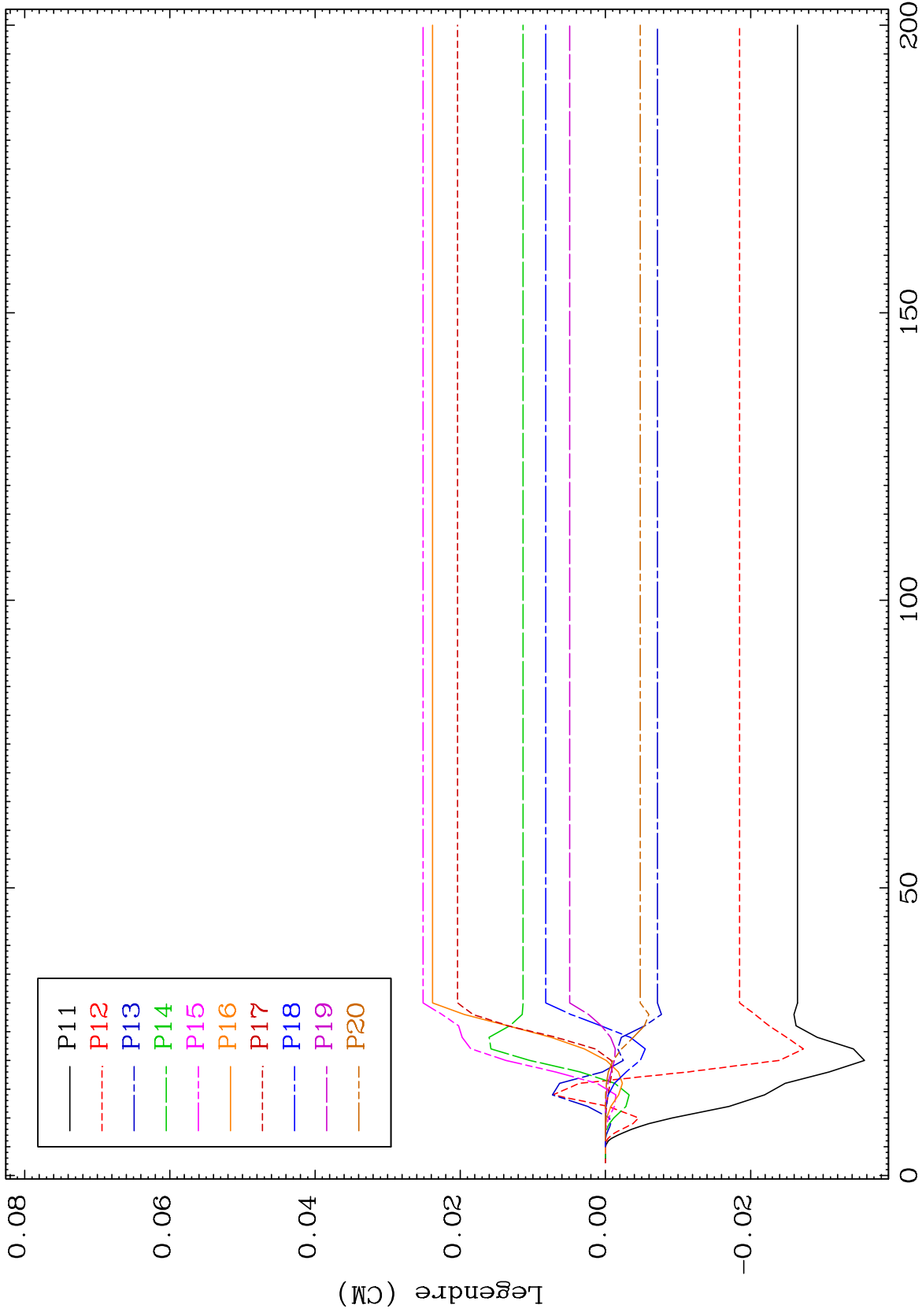
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



44

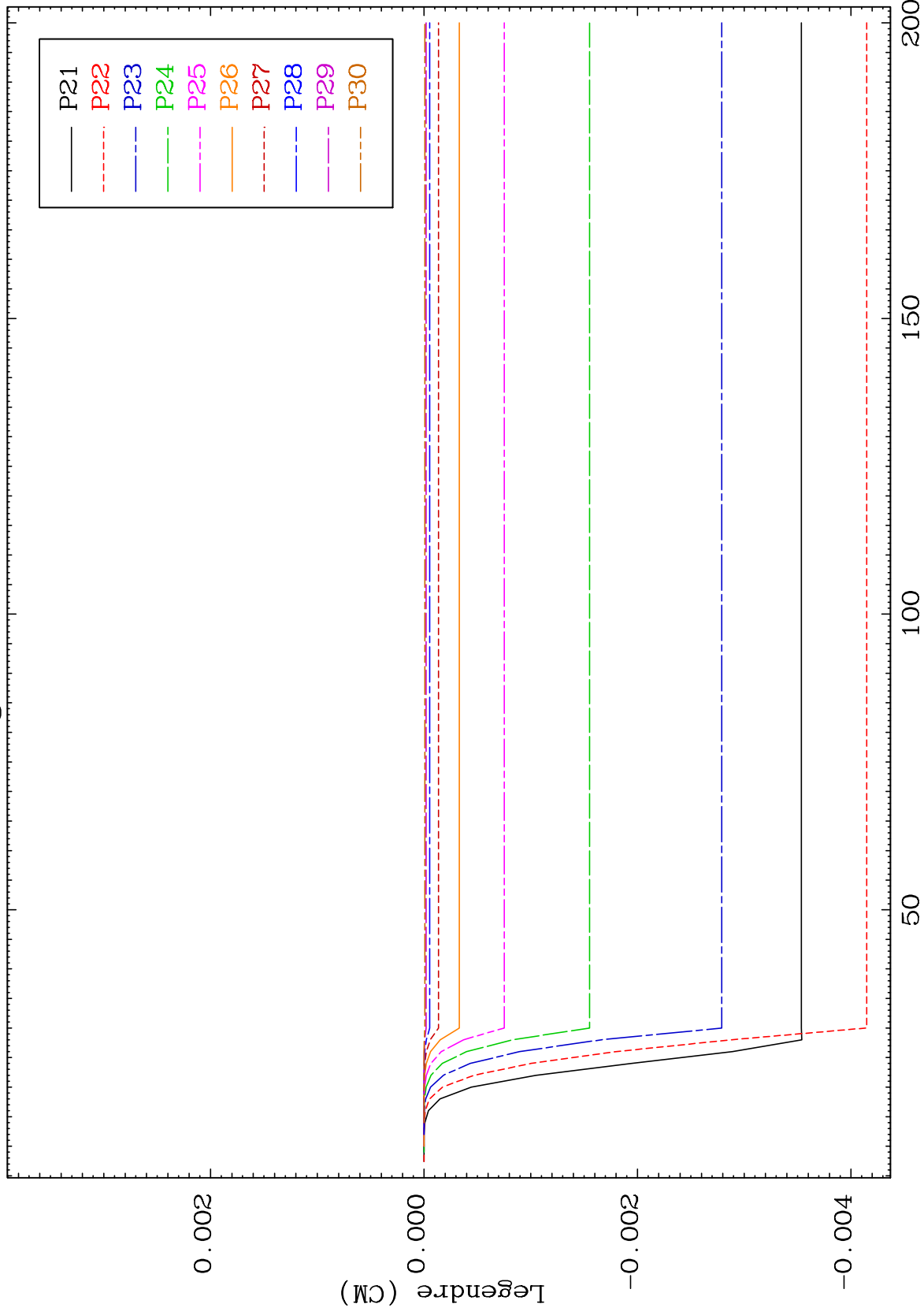
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



45

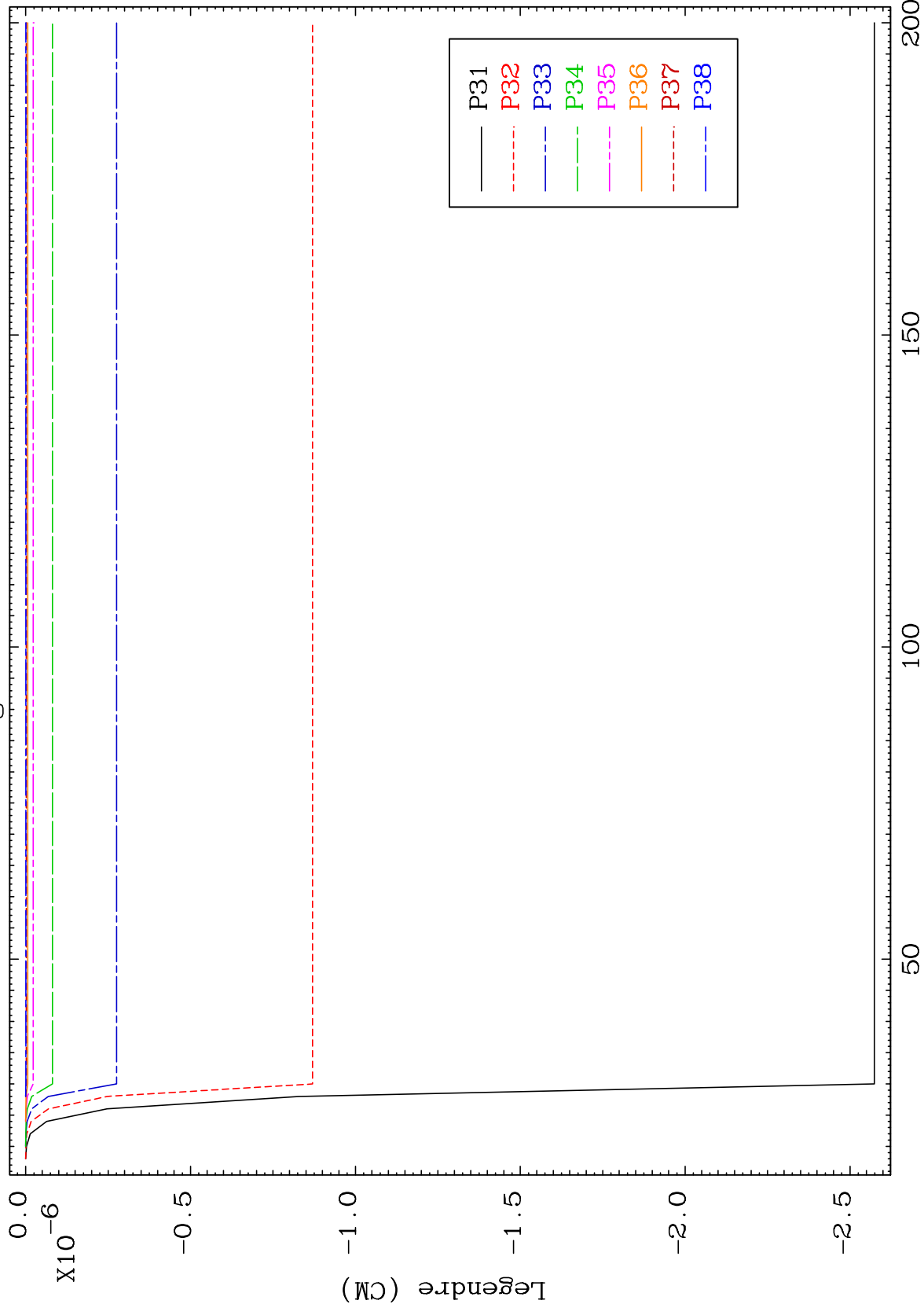
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



46

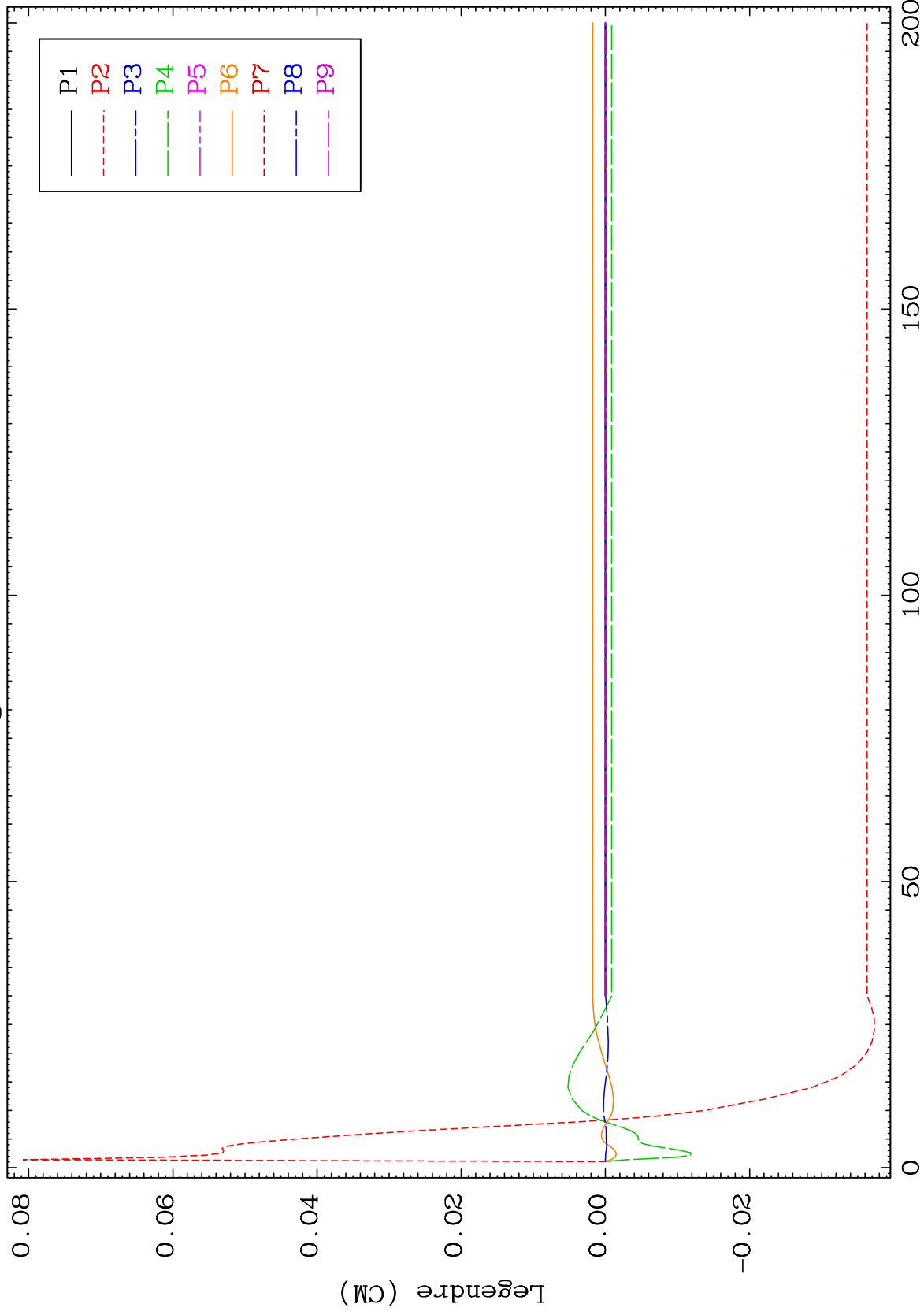
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



47

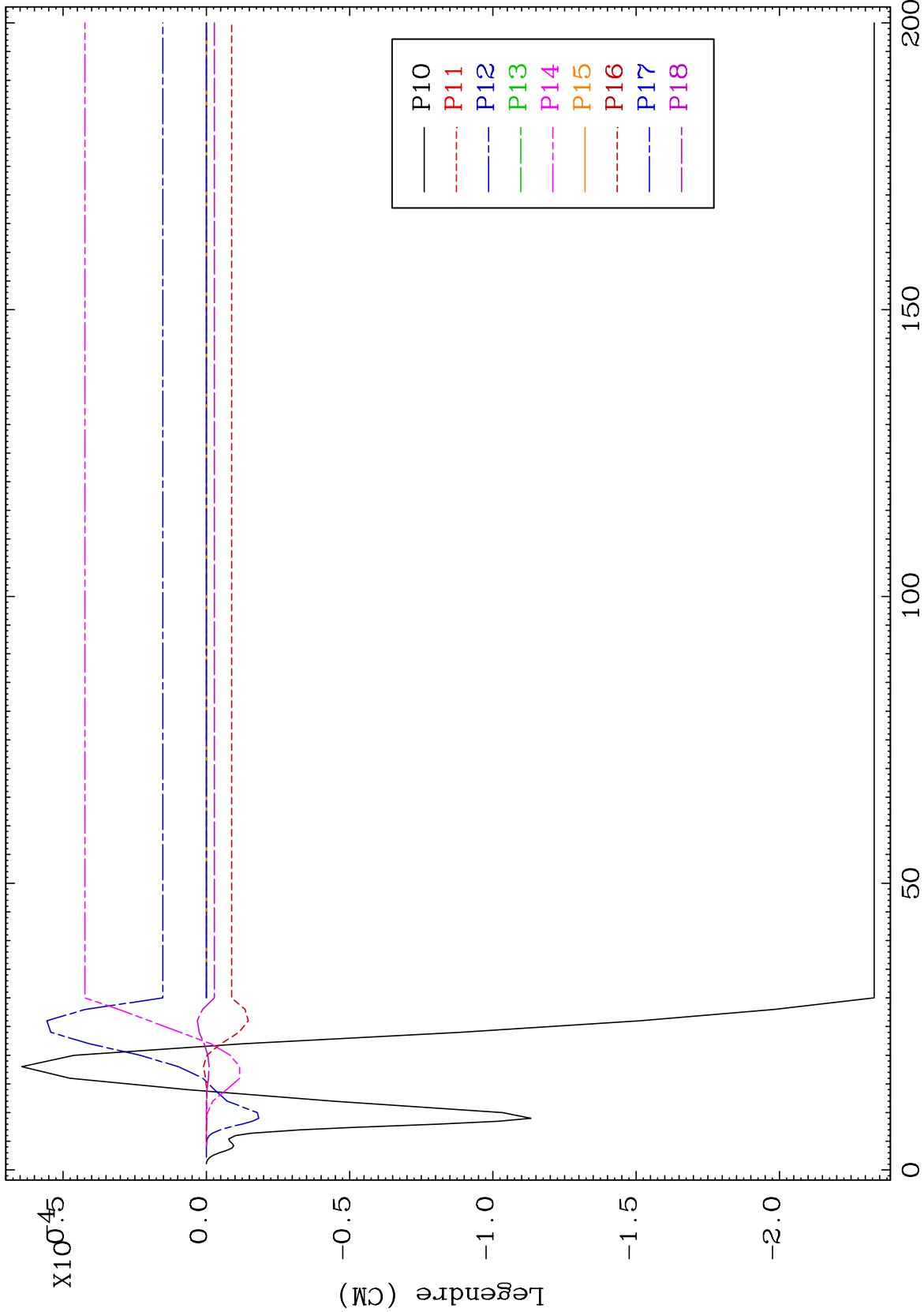
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



48

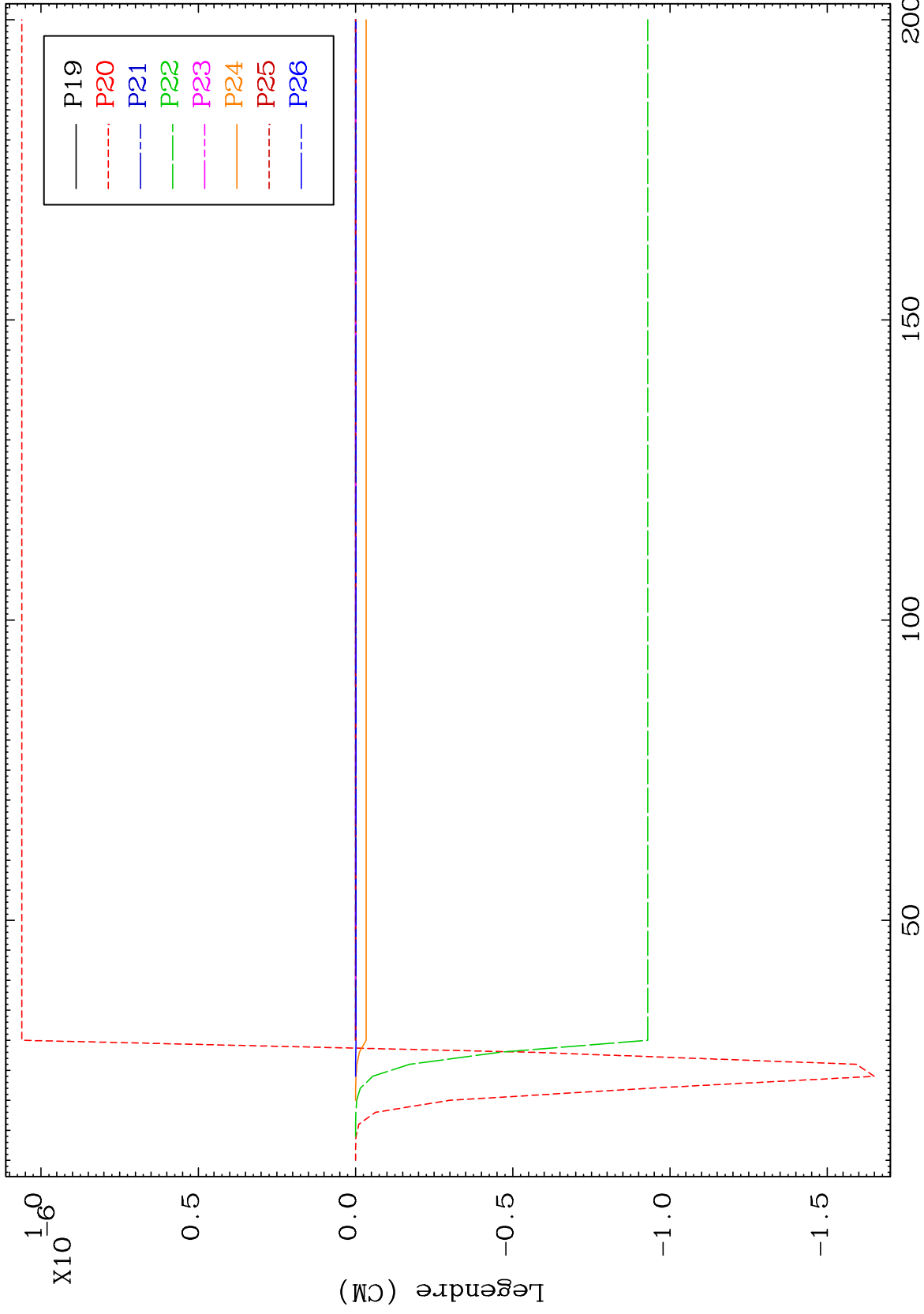
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



49

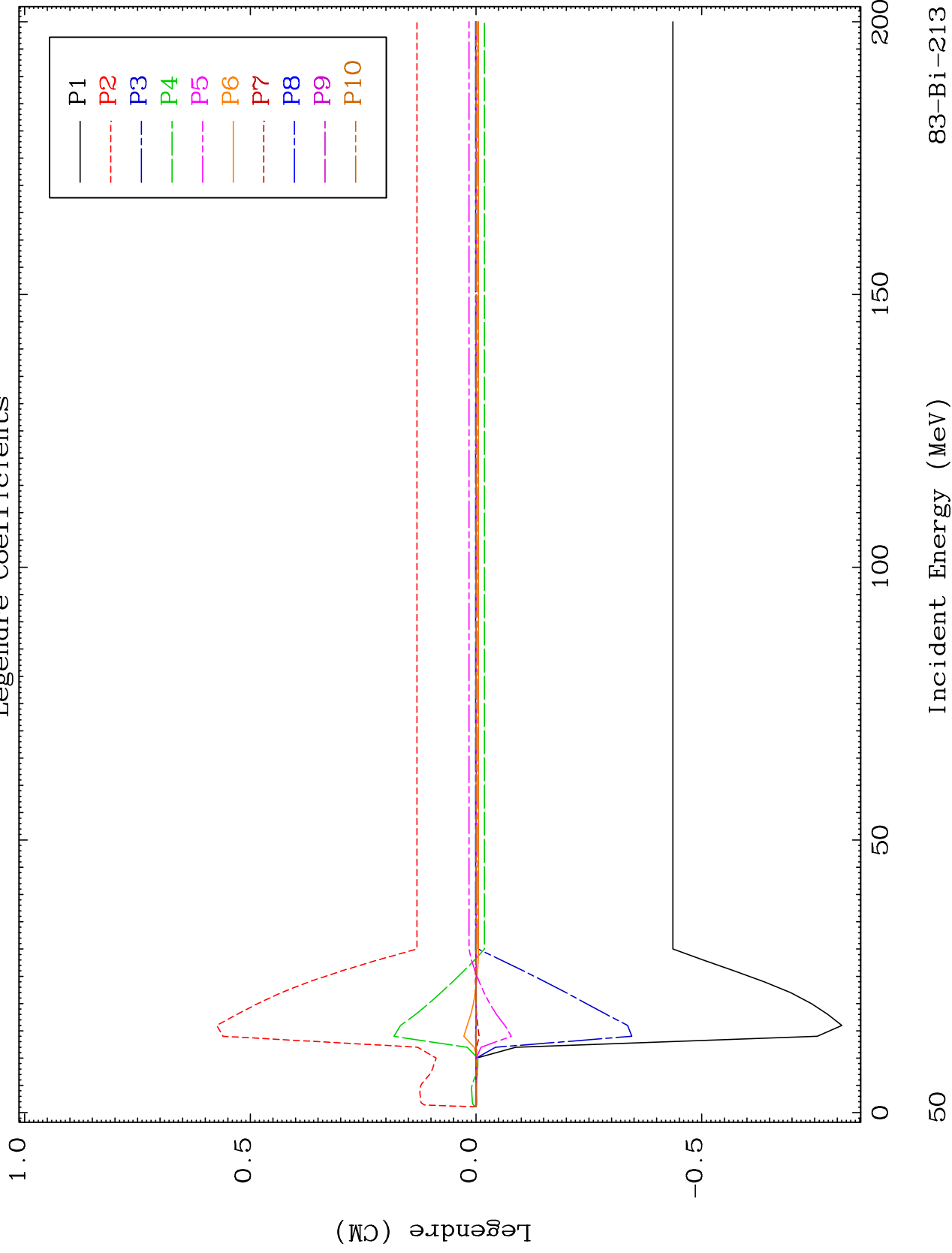
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



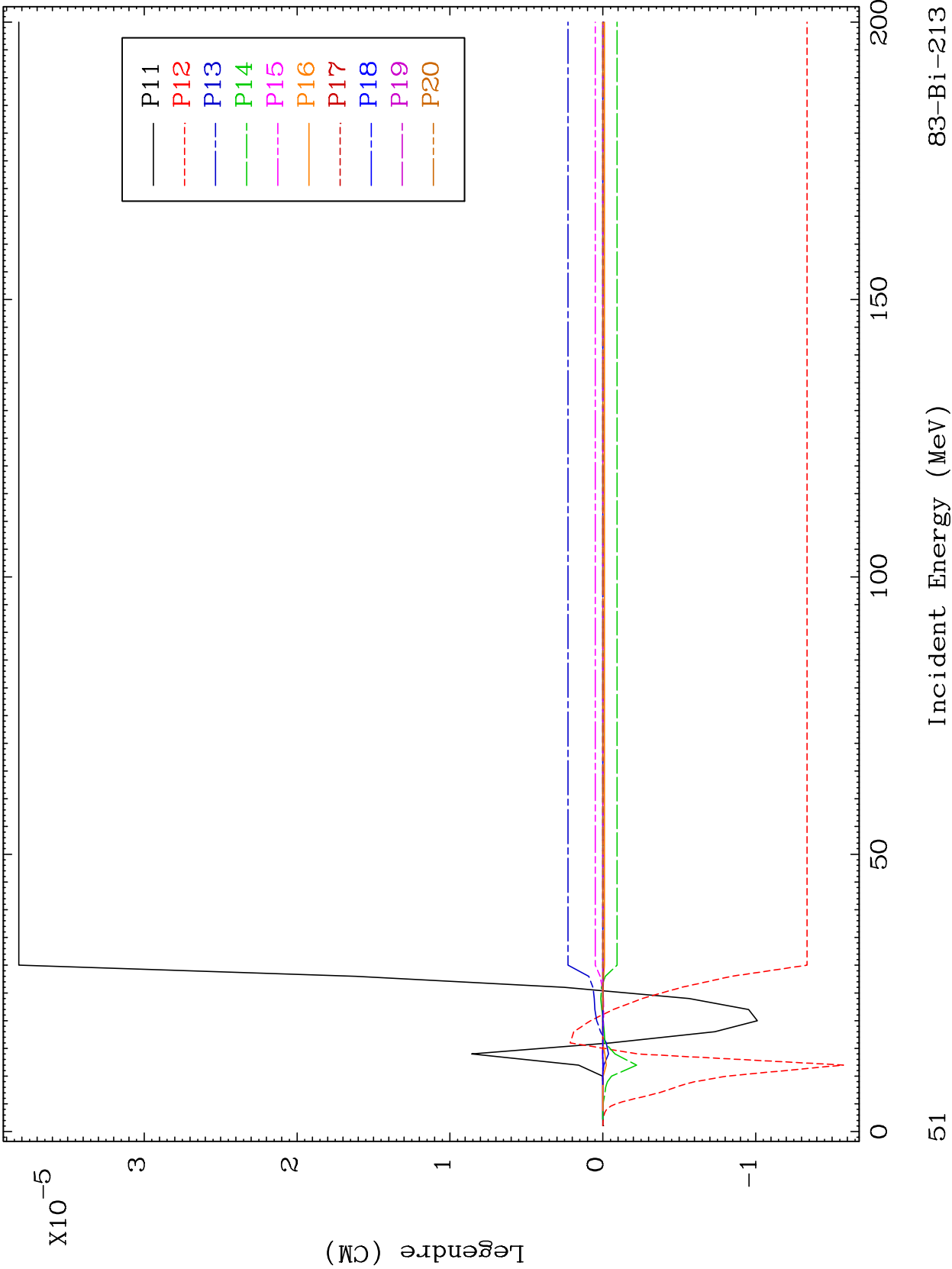
83-Bi-213

Incident Energy (MeV)

MAT 8337

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

83-Bi-213



51

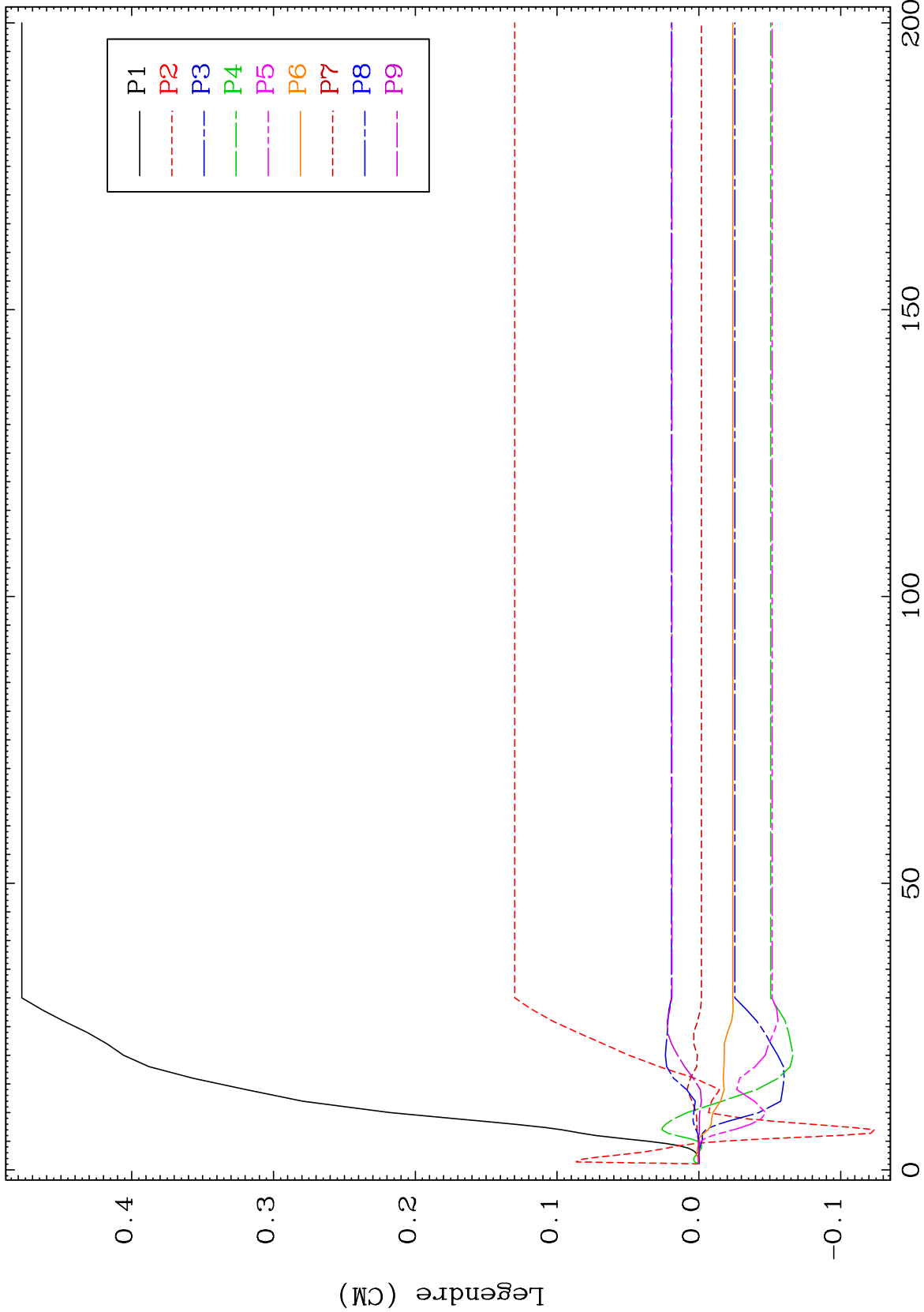
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



52

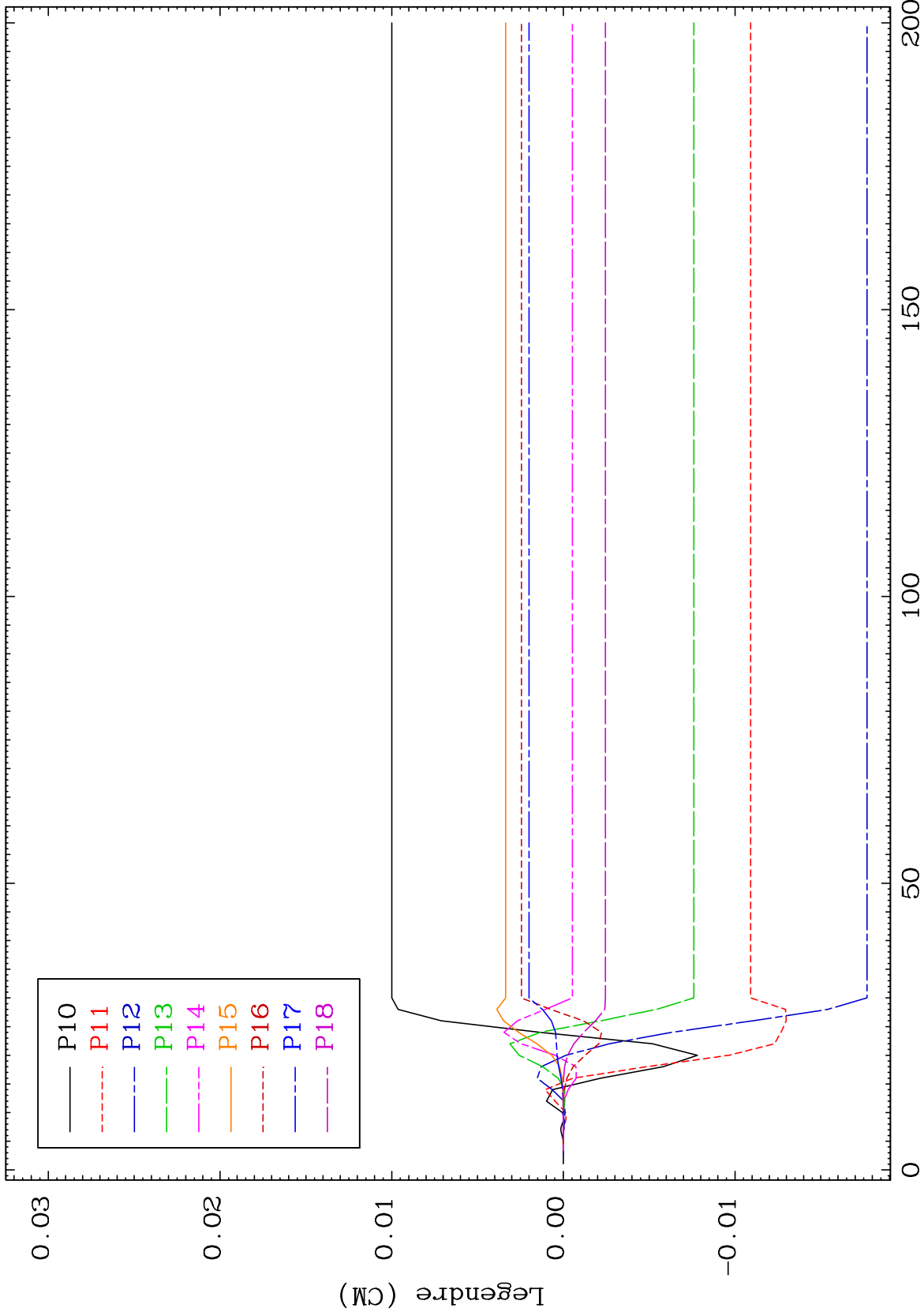
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



53

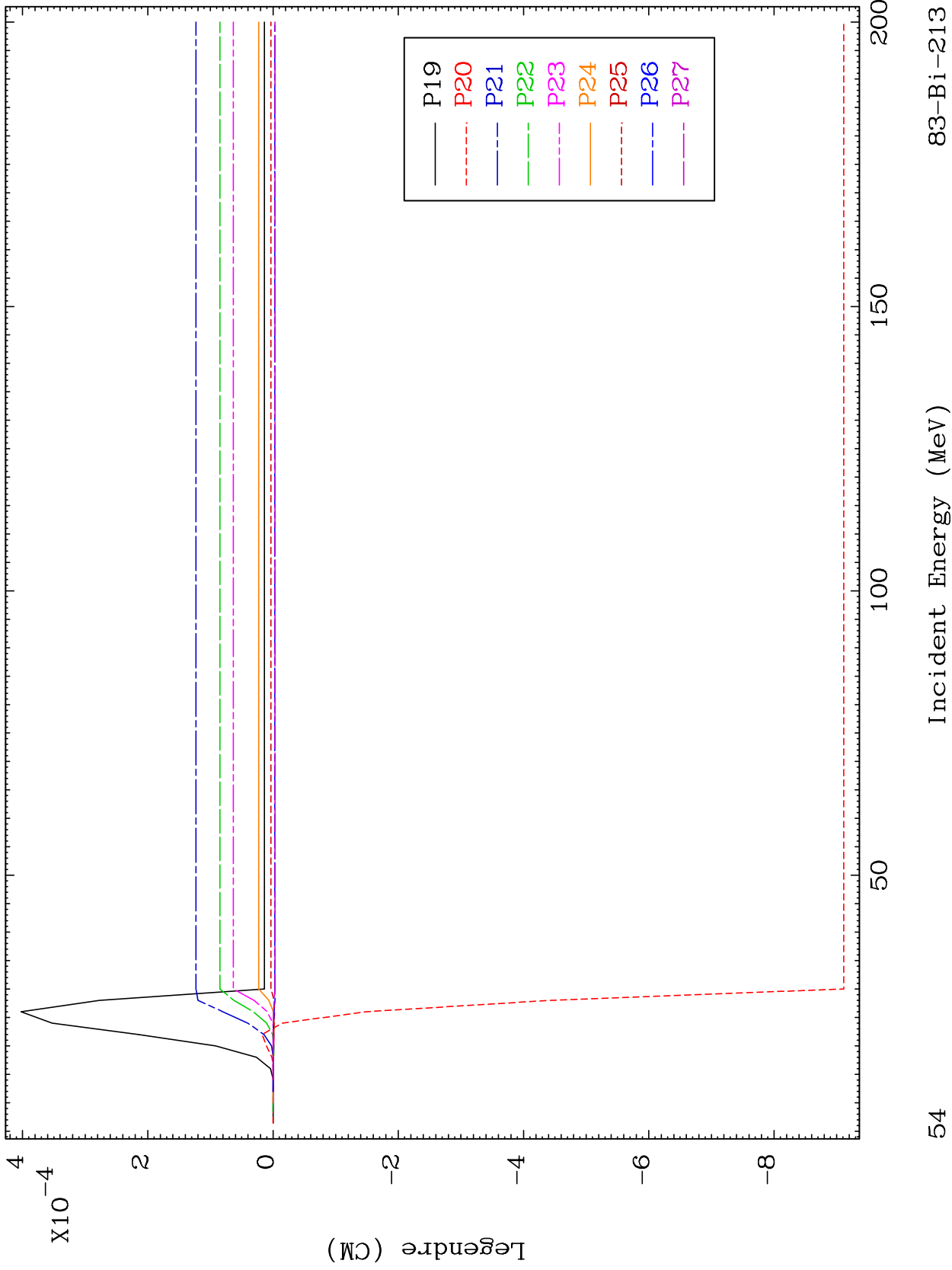
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



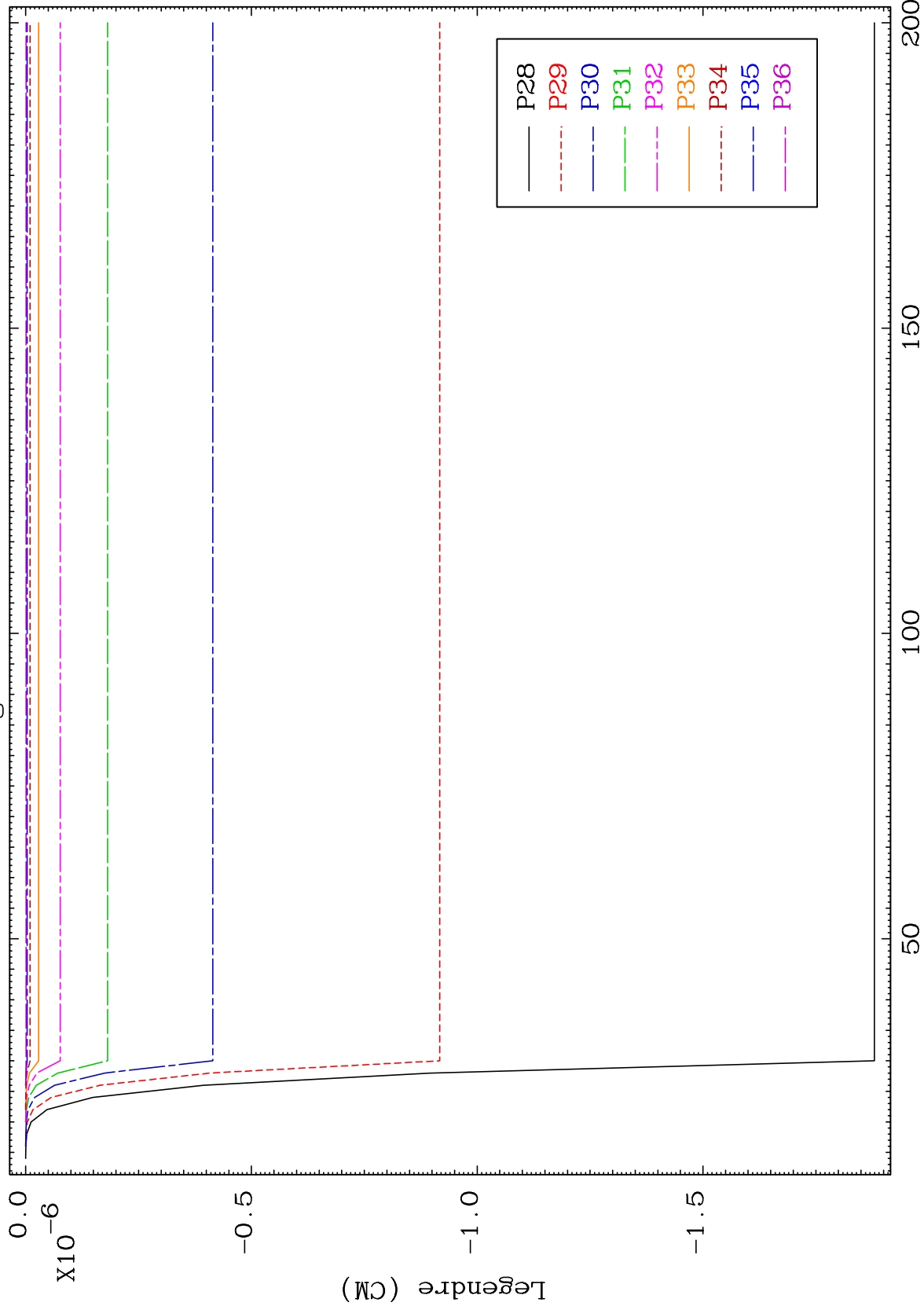
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83-Bi-213

MAT 8337

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

83-Bi-213



55

Incident Energy (MeV)

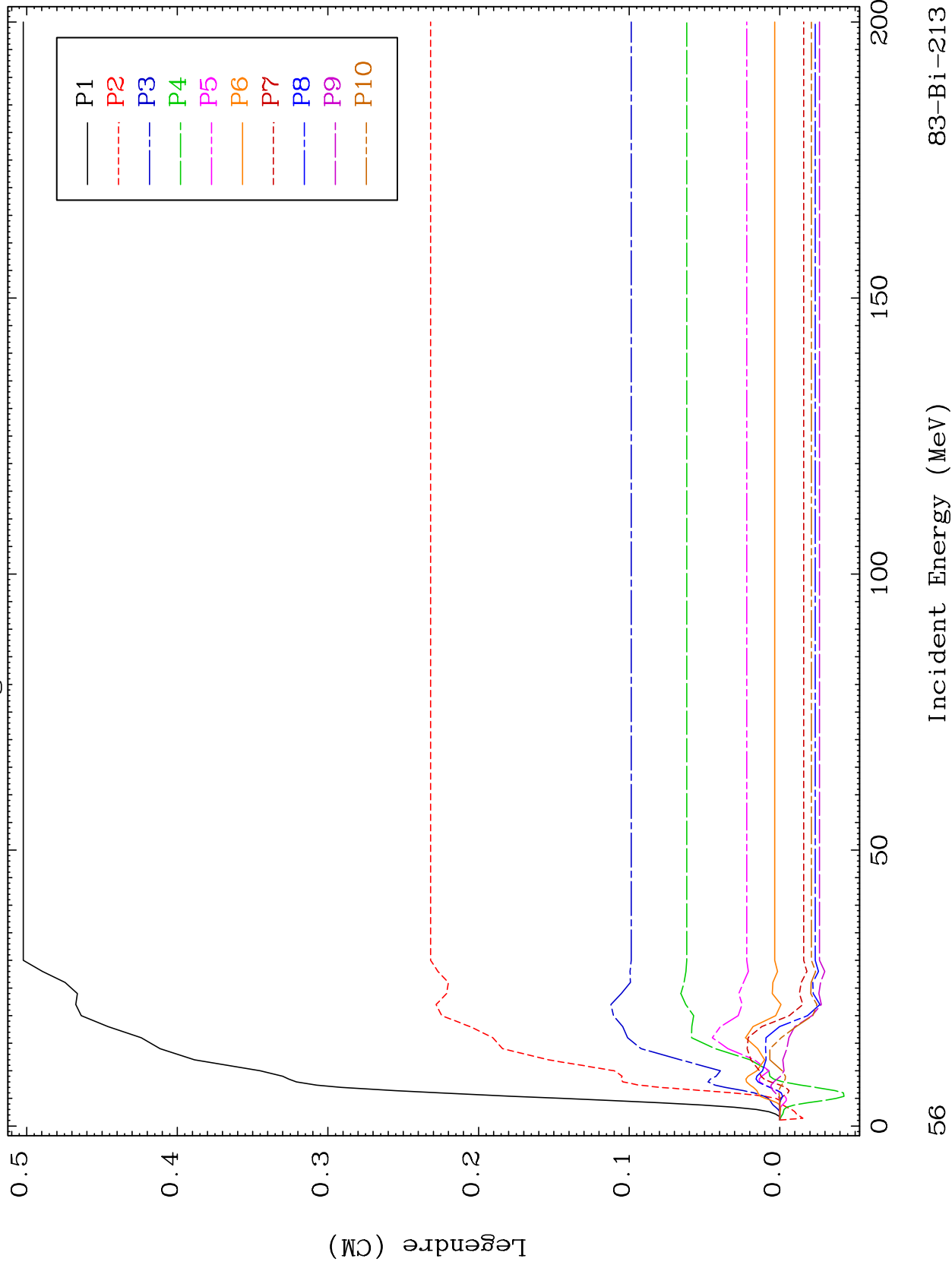
83-Bi-213

MAT 8337

MT= 61 (n,n') Level

83-Bi-213

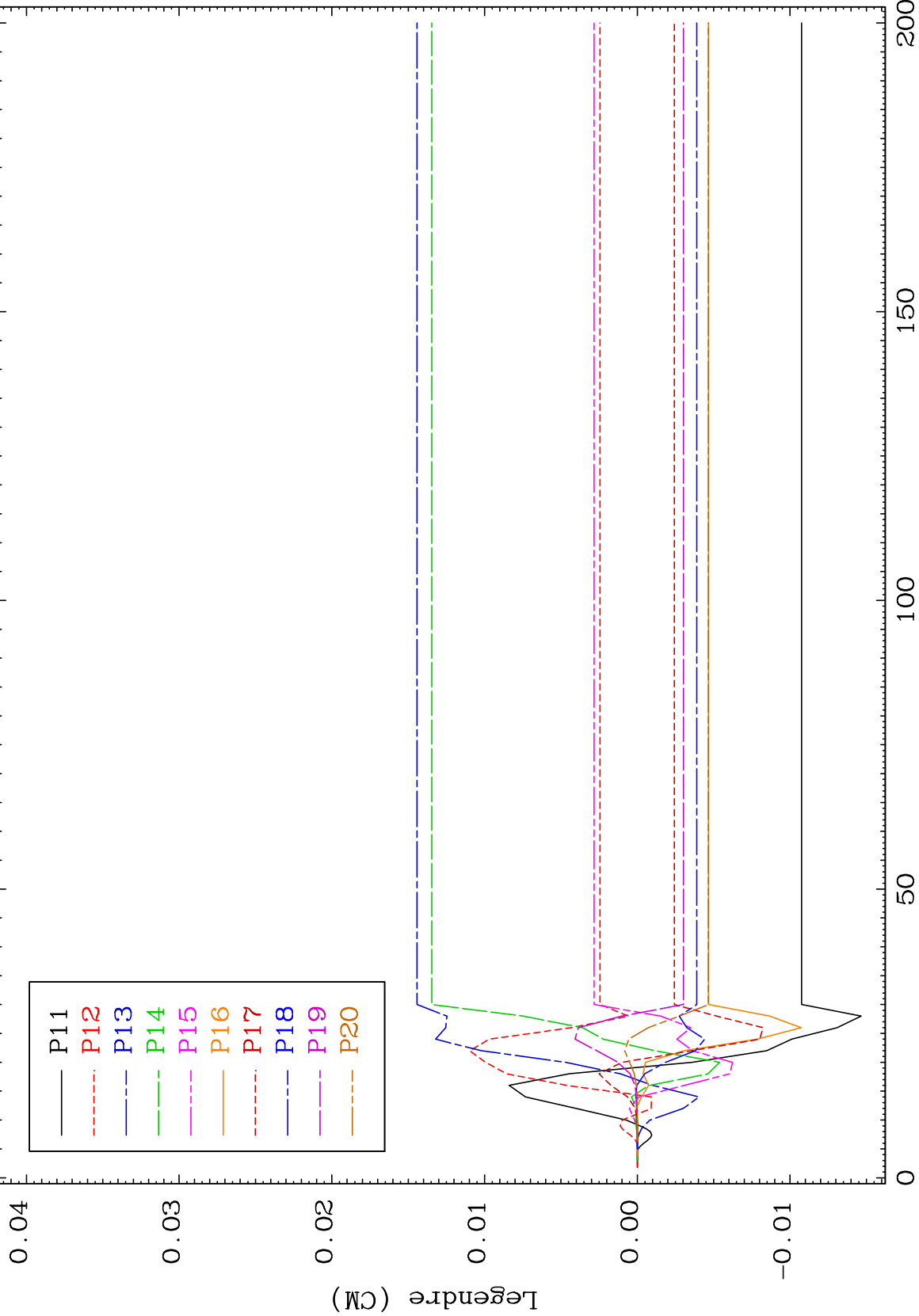
Legendre Coefficients



MAT 8337

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

83-Bi-213



57

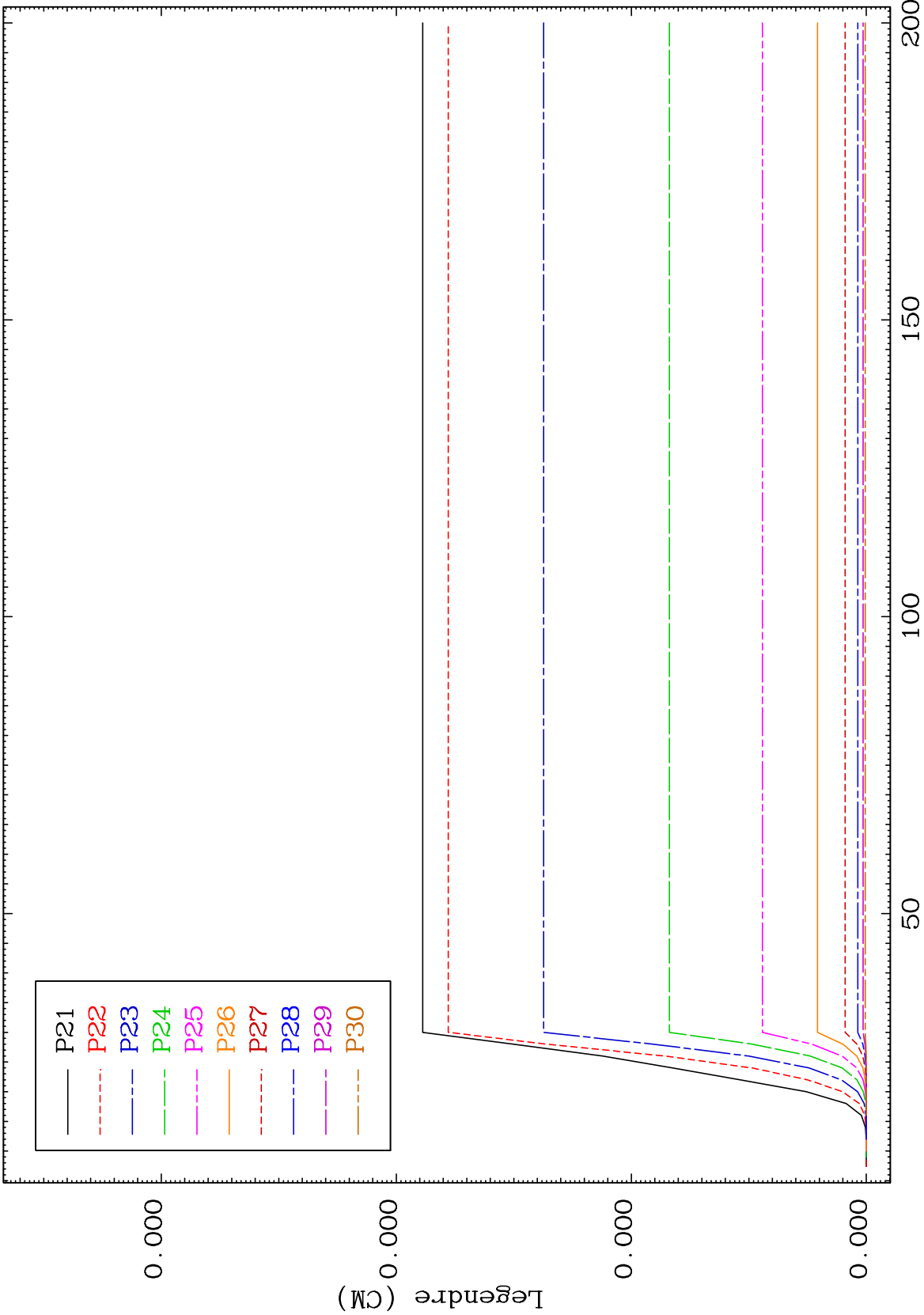
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



58

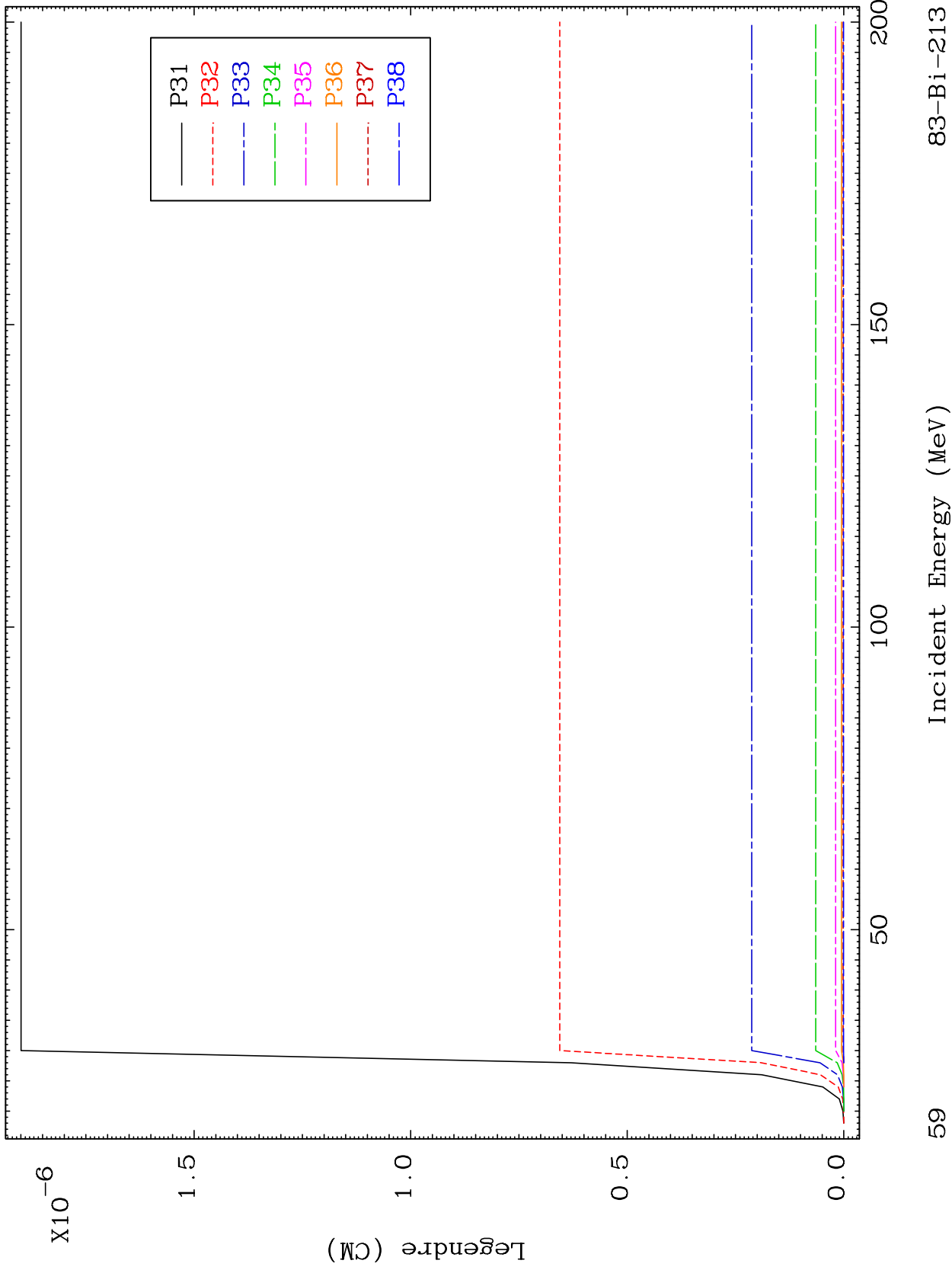
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



59

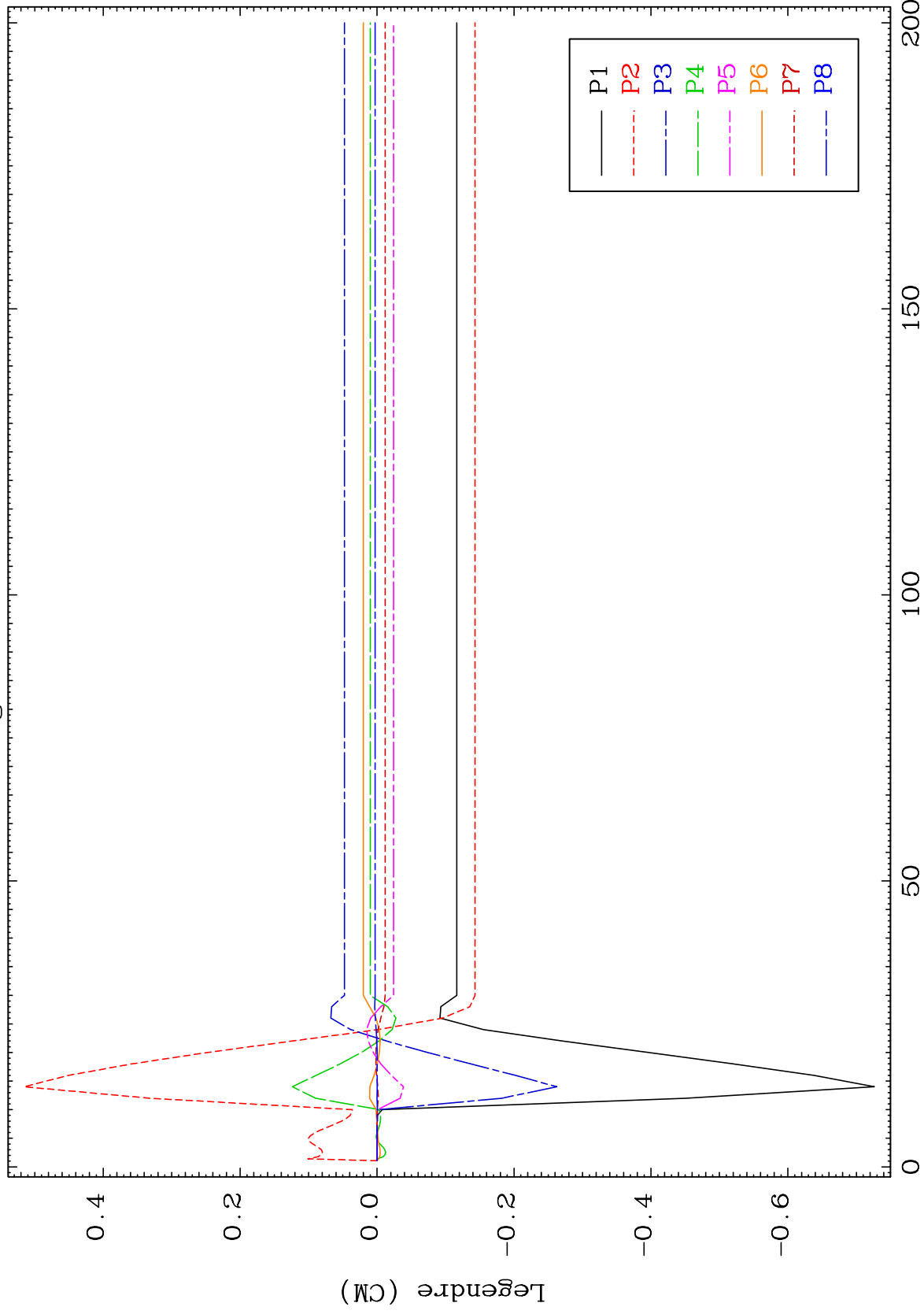
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

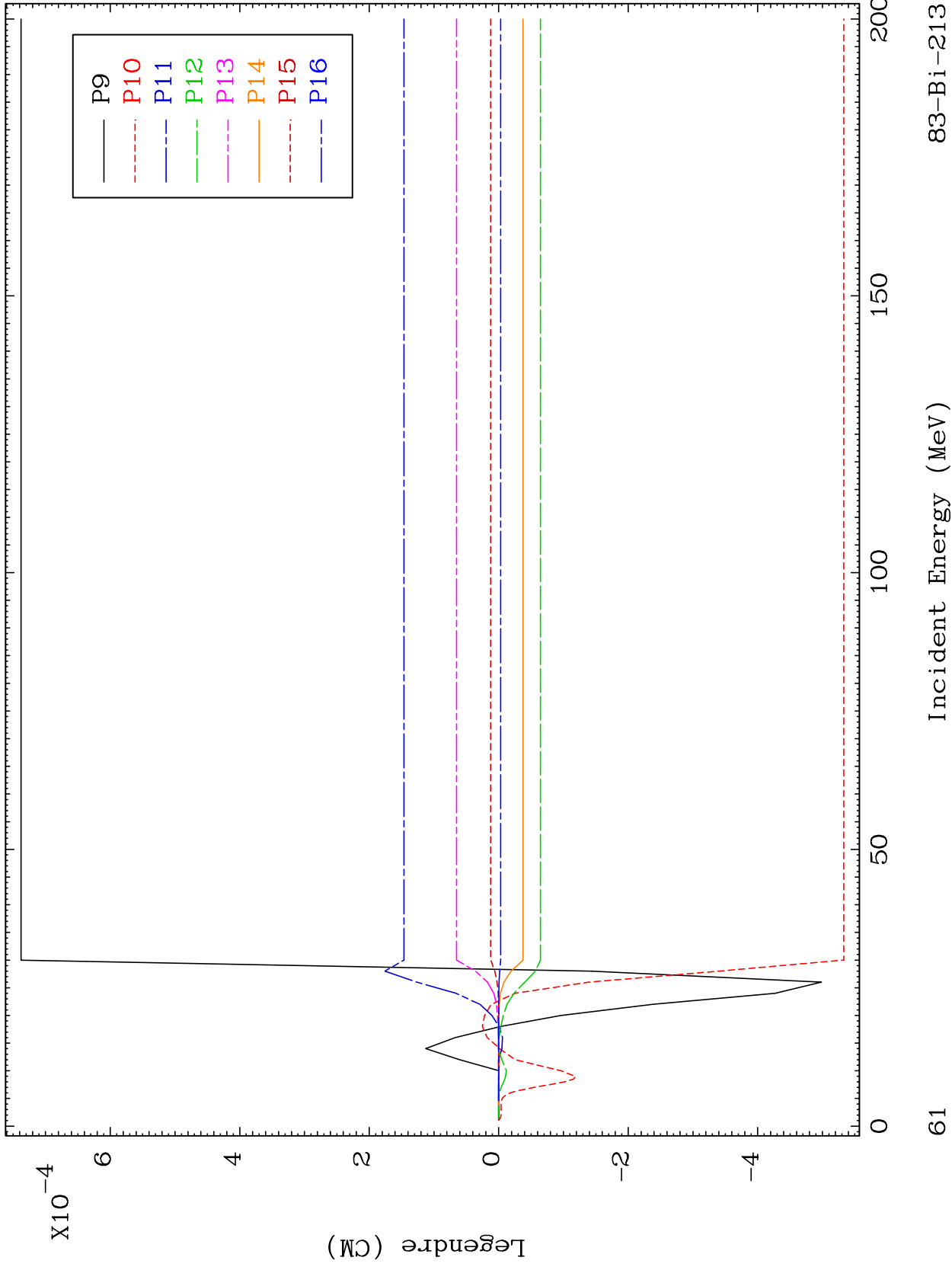
Incident Energy (MeV)

60

MAT 8337

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

83-Bi-213



83-Bi-213

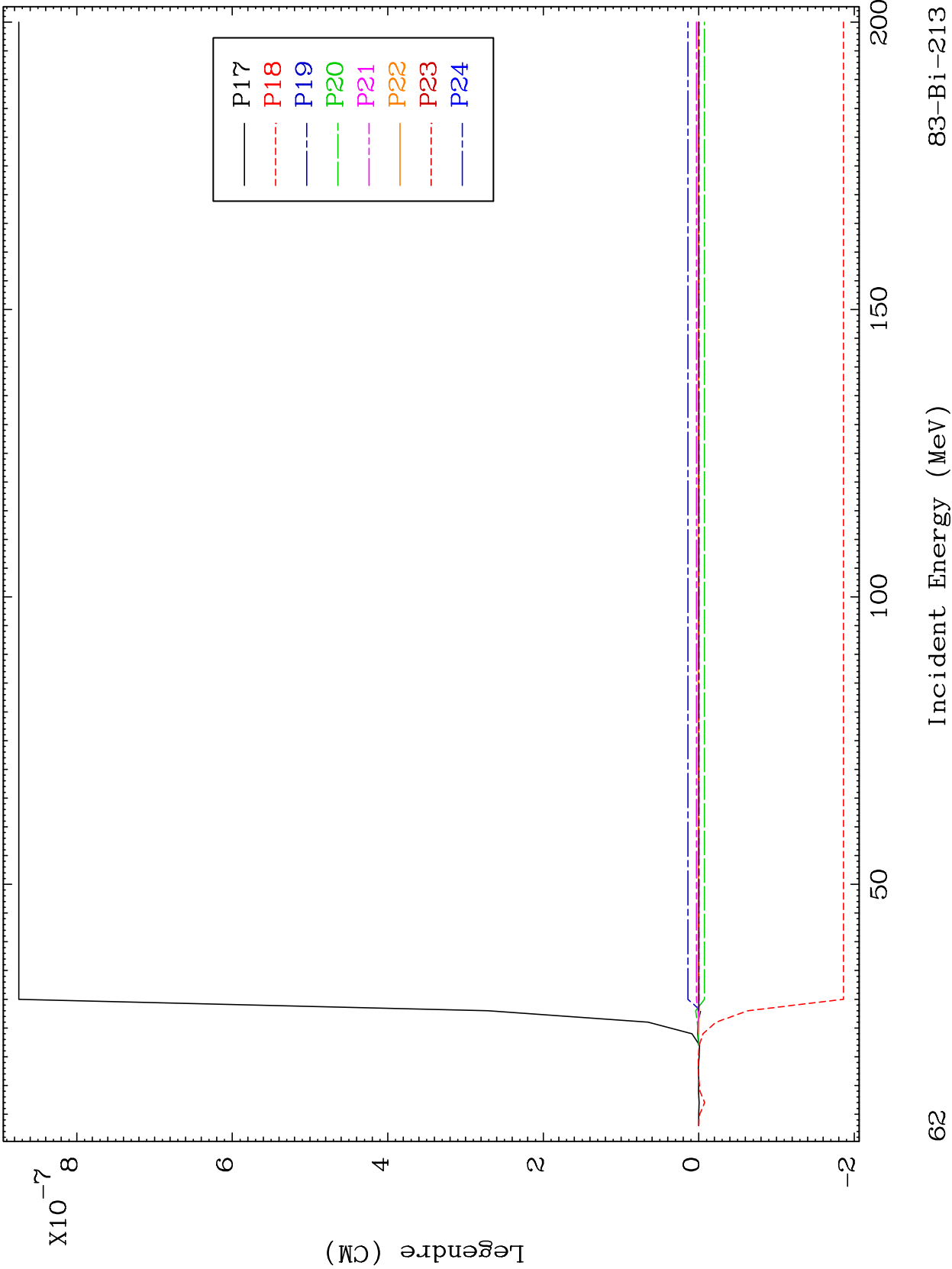
Incident Energy (MeV)

61

MAT 8337

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

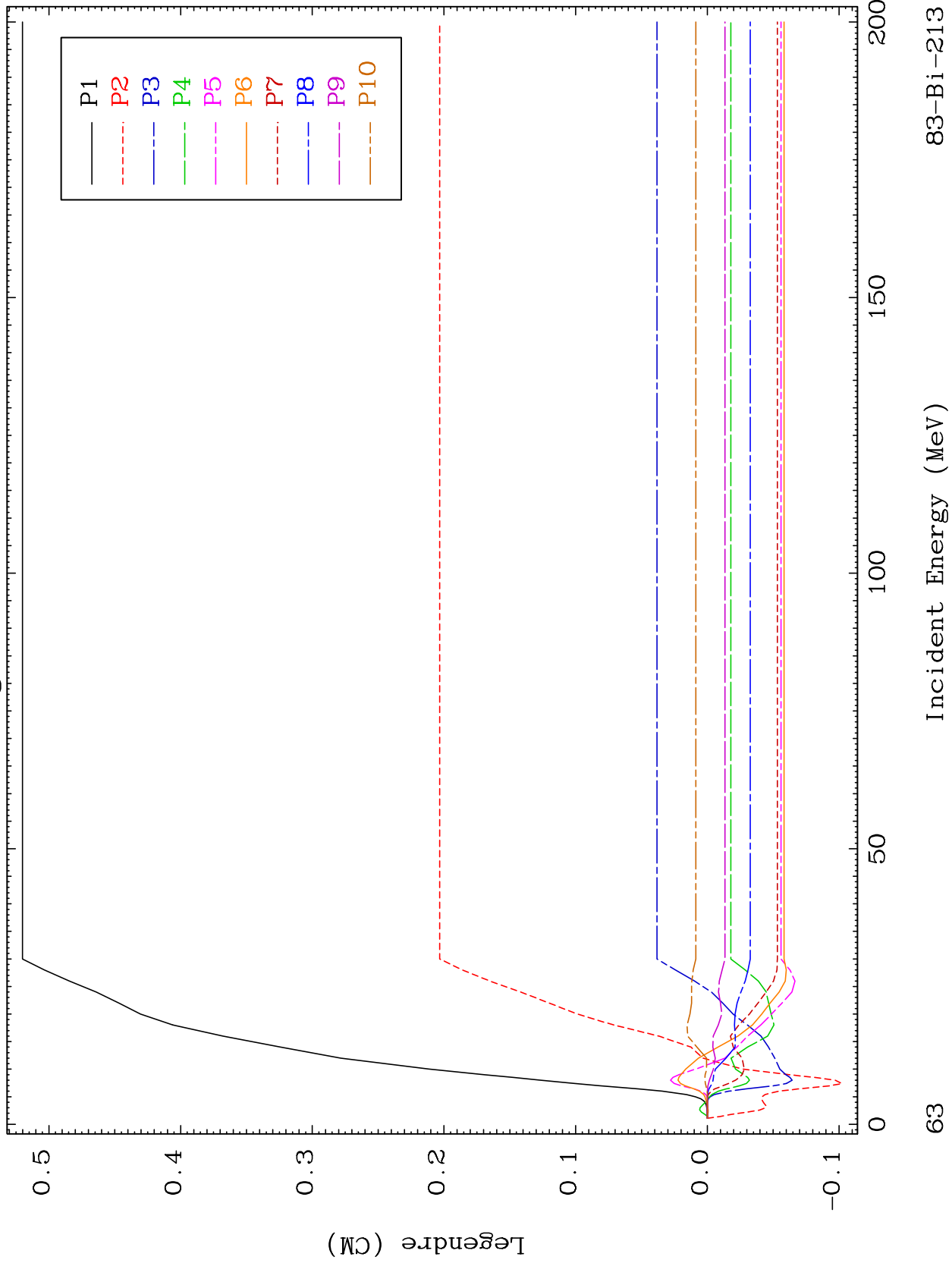
83-Bi-213



MAT 8337

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

83-Bi-213



83-Bi-213

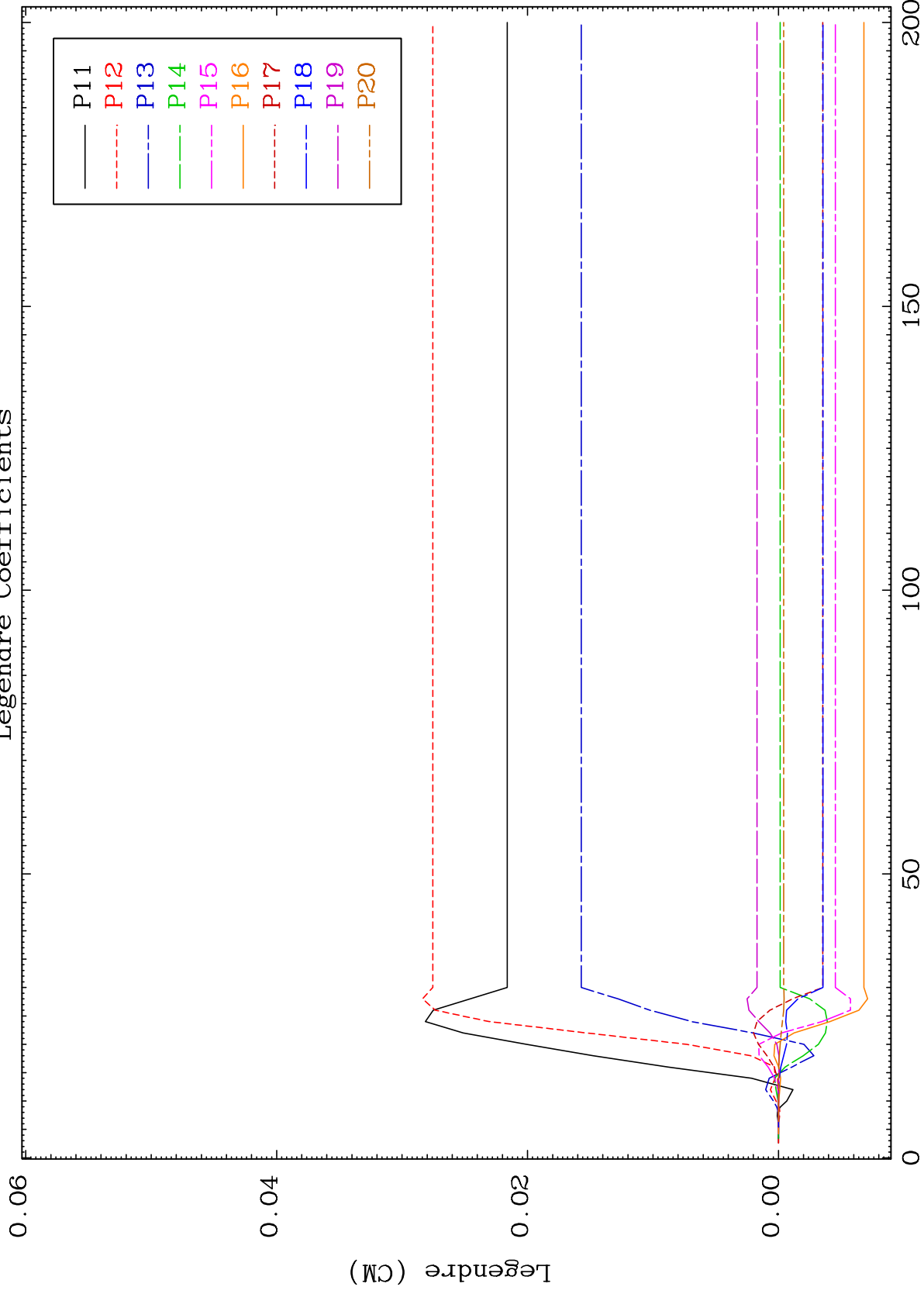
Incident Energy (MeV)

63

MAT 8337

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

83-Bi-213



64

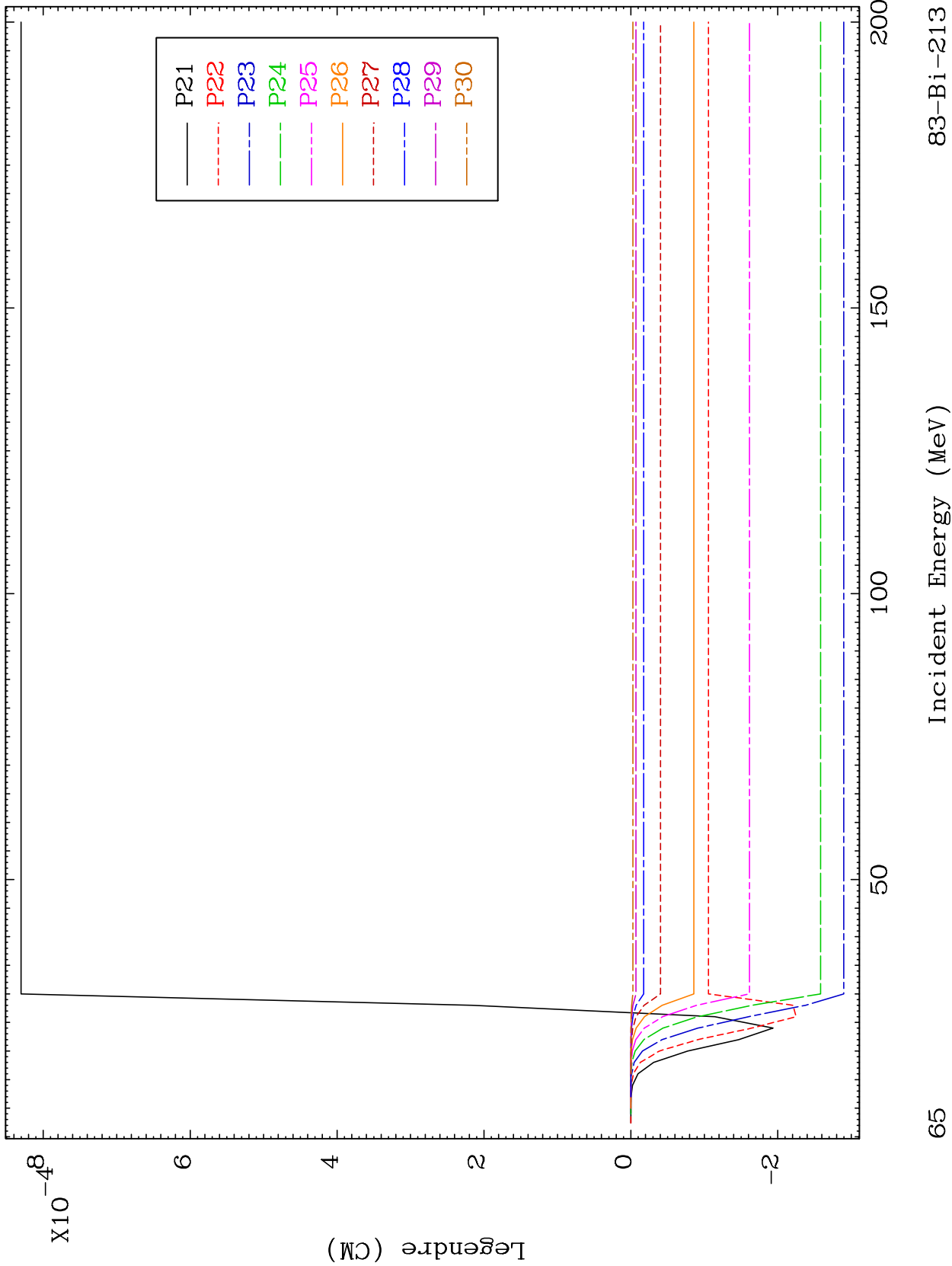
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

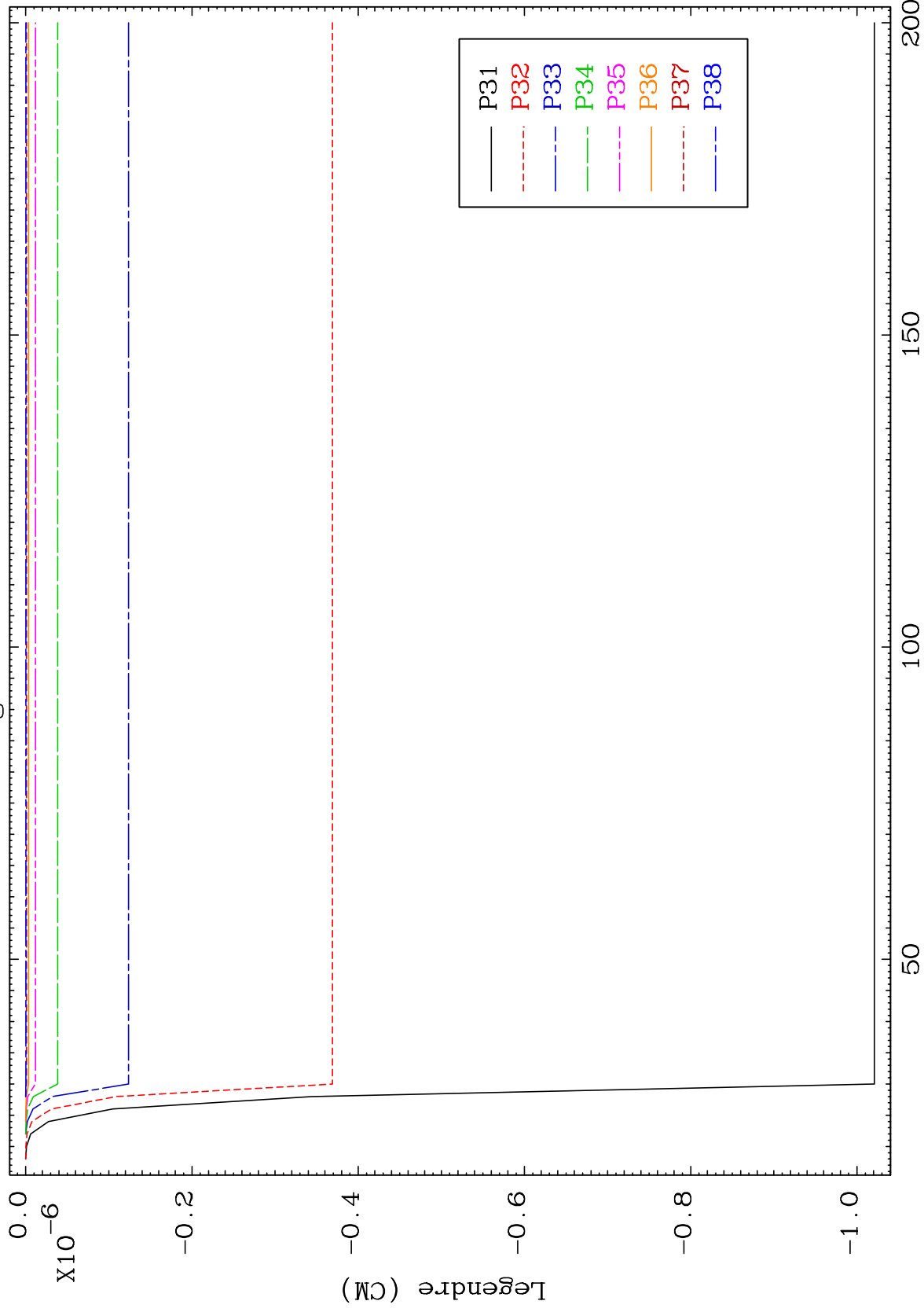
83-Bi-213



MAT 8337

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

83-Bi-213



66

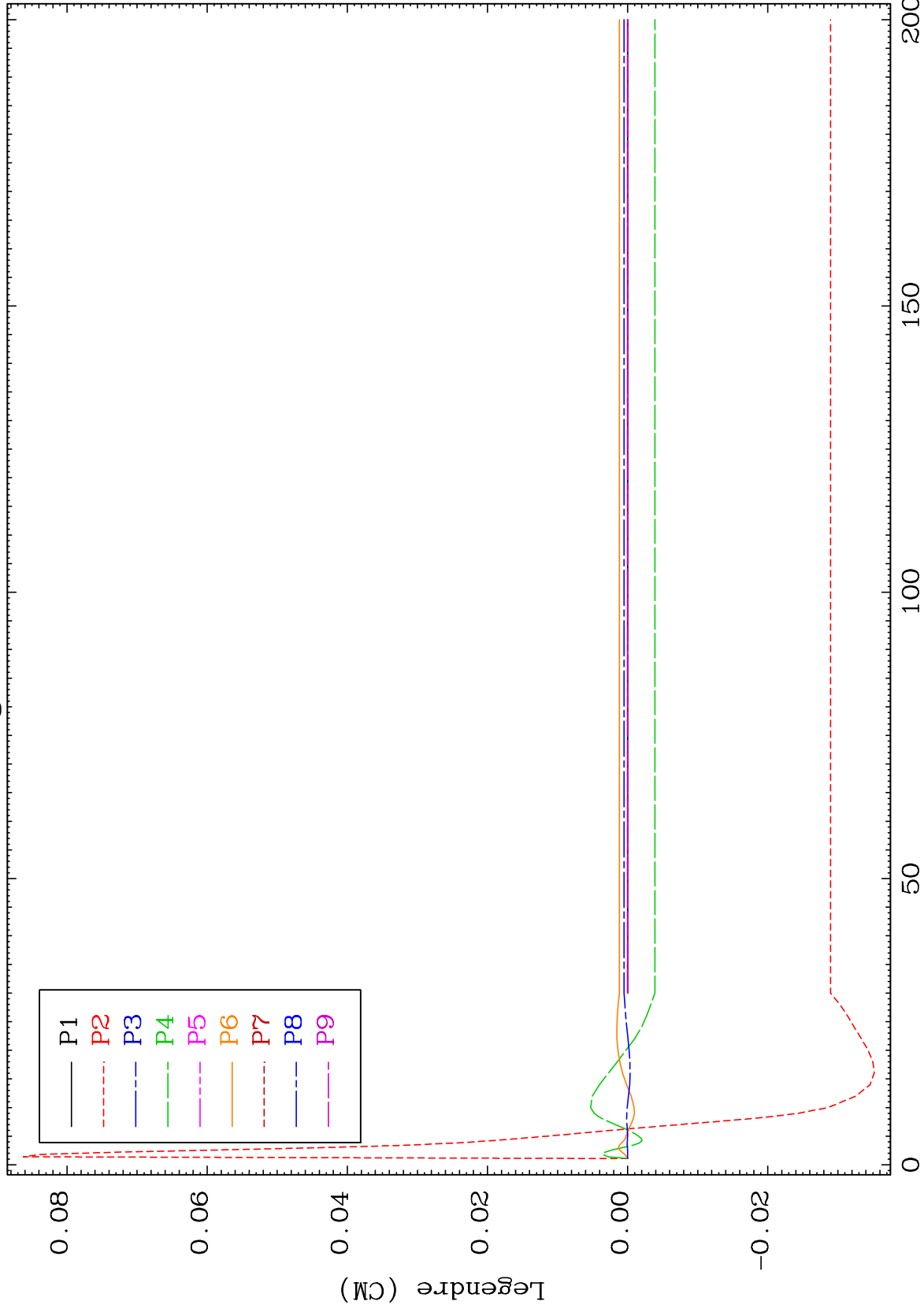
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



67

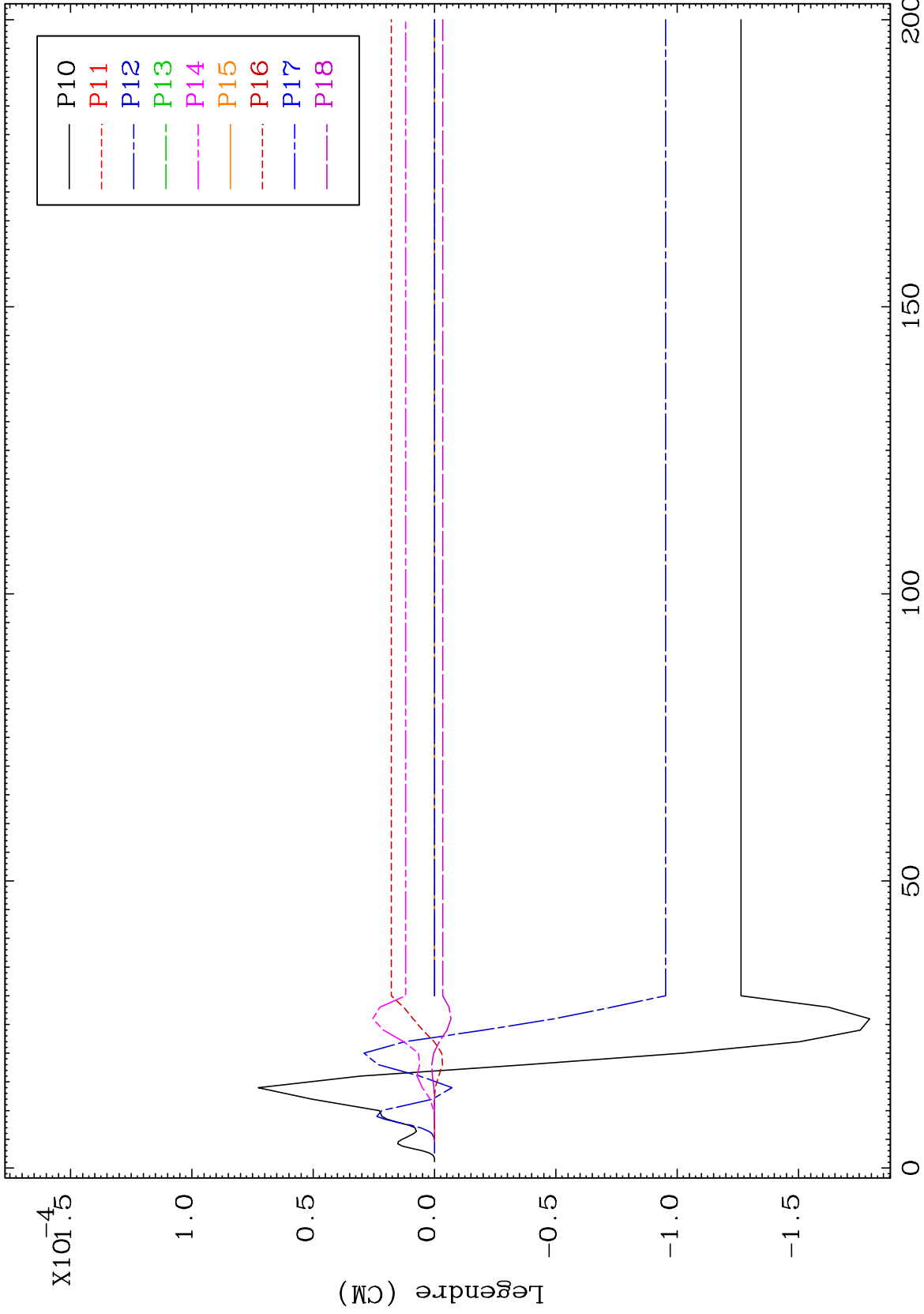
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

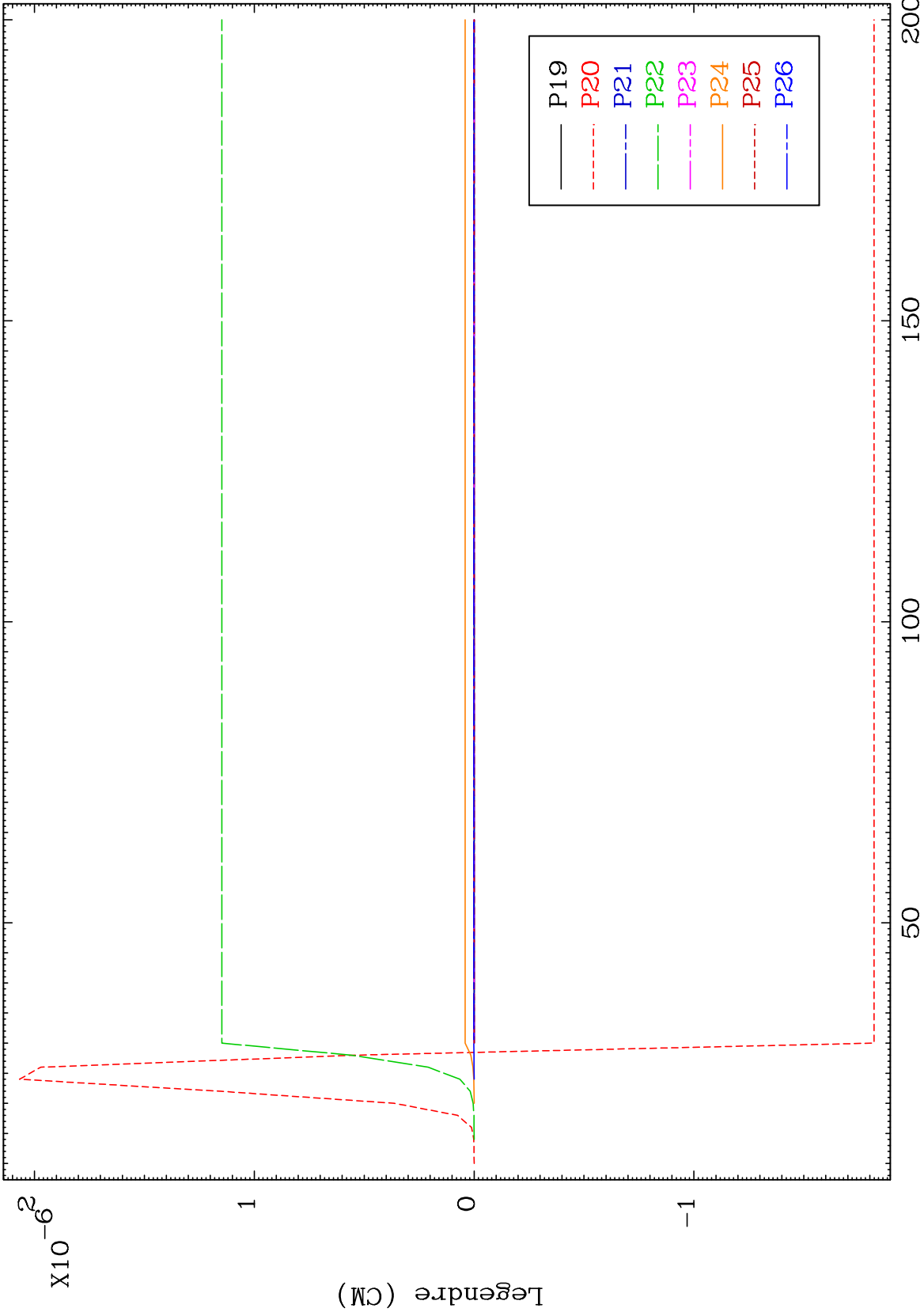
83-Bi-213

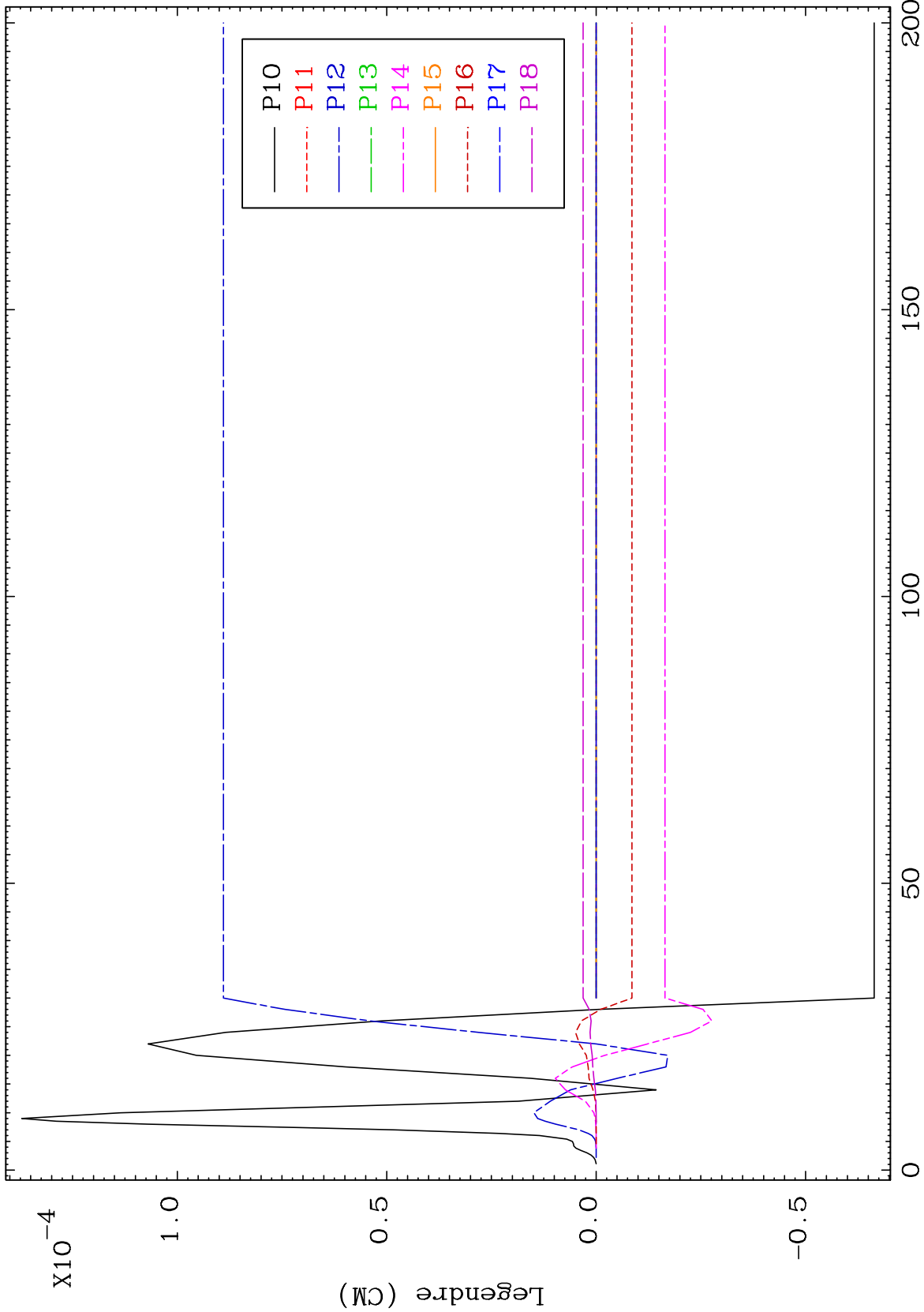


68

Incident Energy (MeV)

83-Bi-213

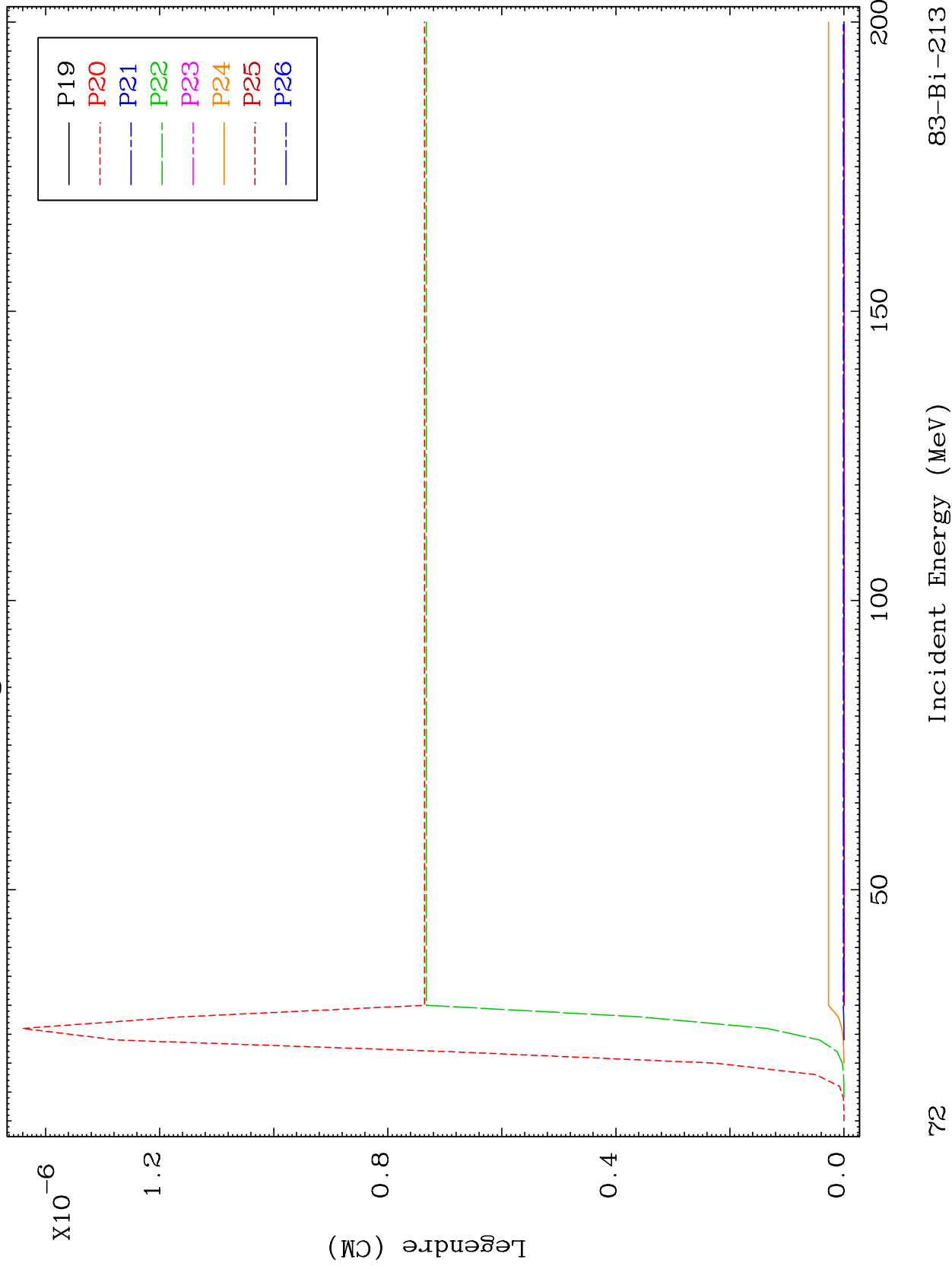




MAT 8337

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

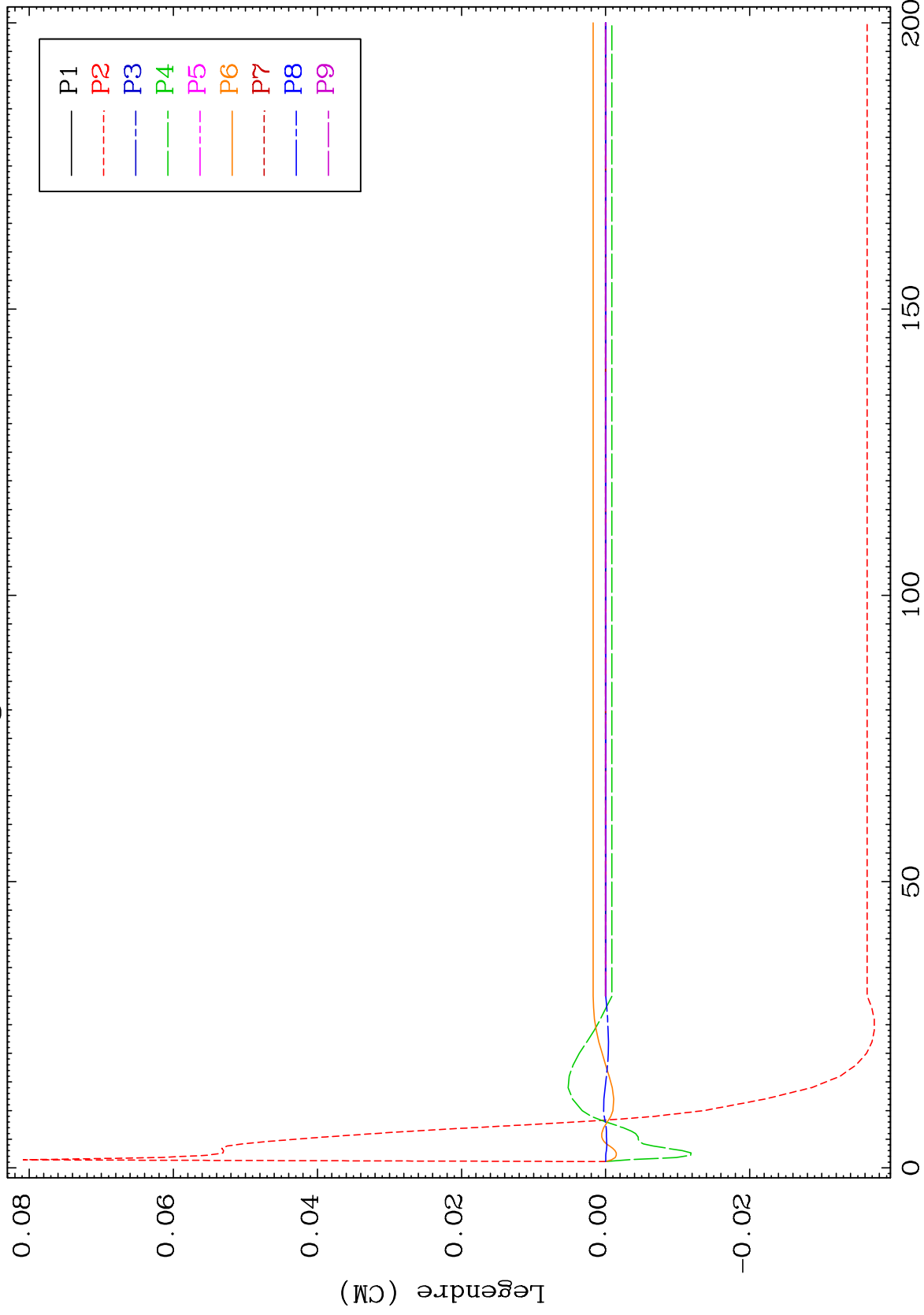
83-Bi-213



MAT 8337

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

83-Bi-213



73

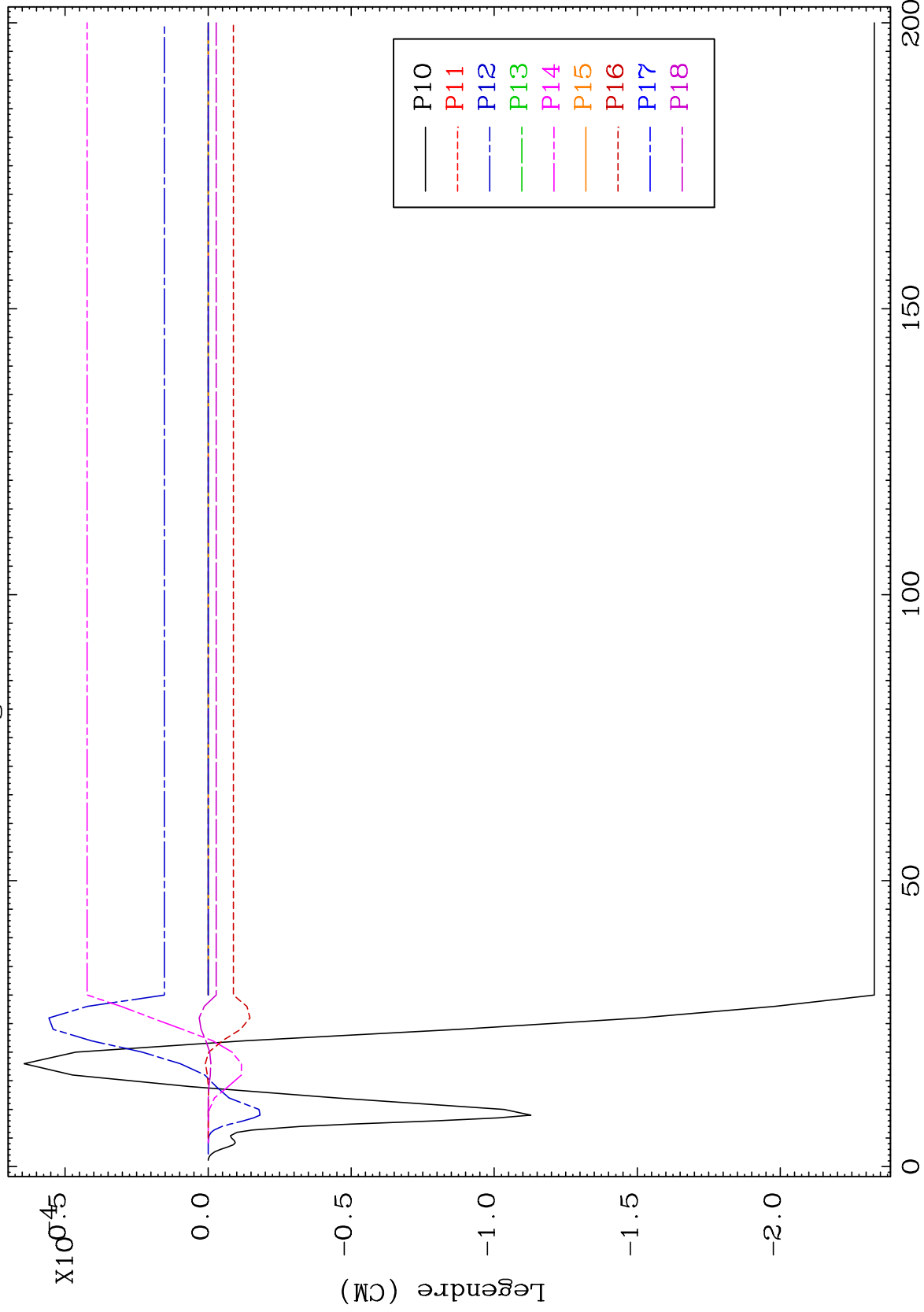
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



74

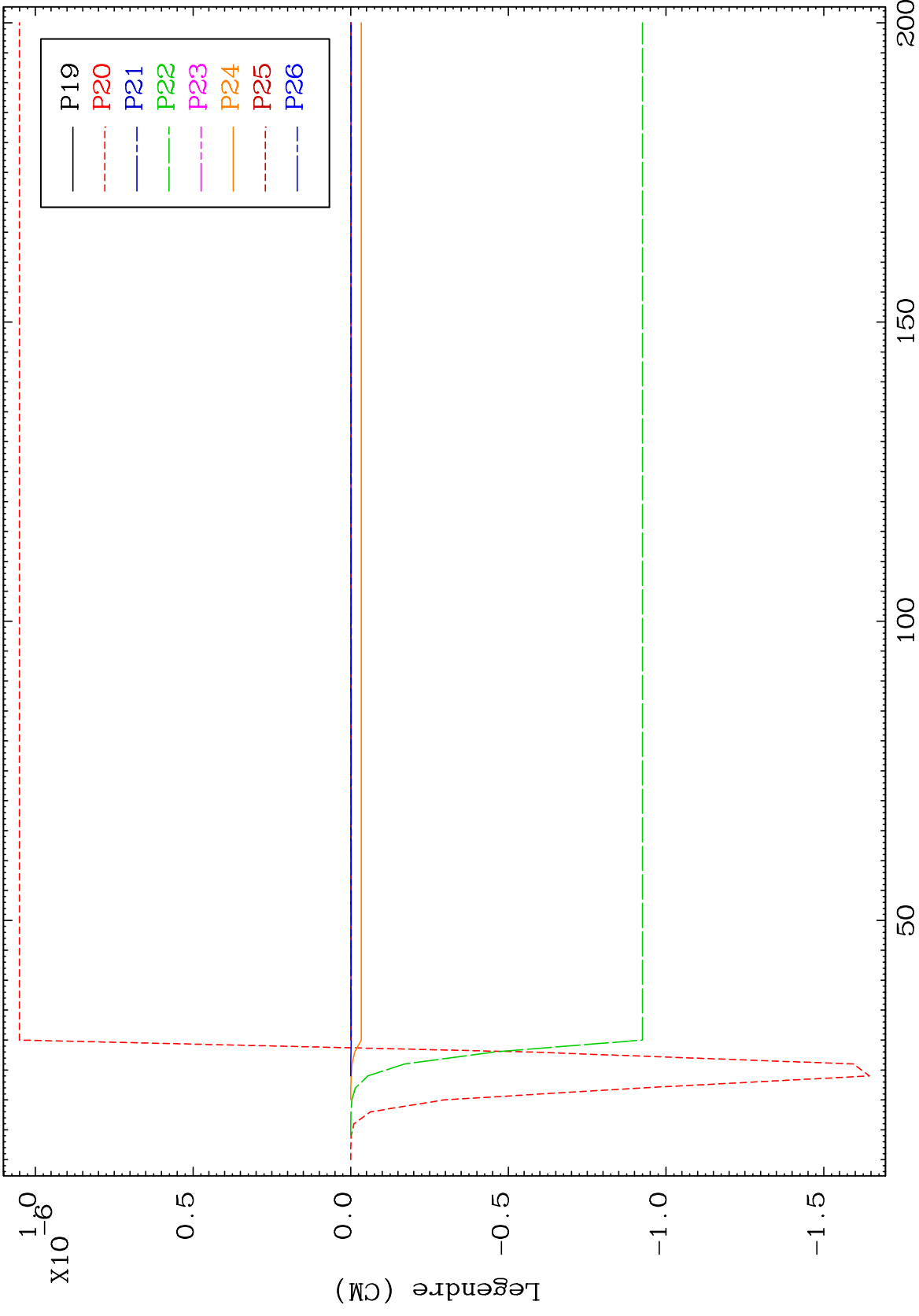
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



75

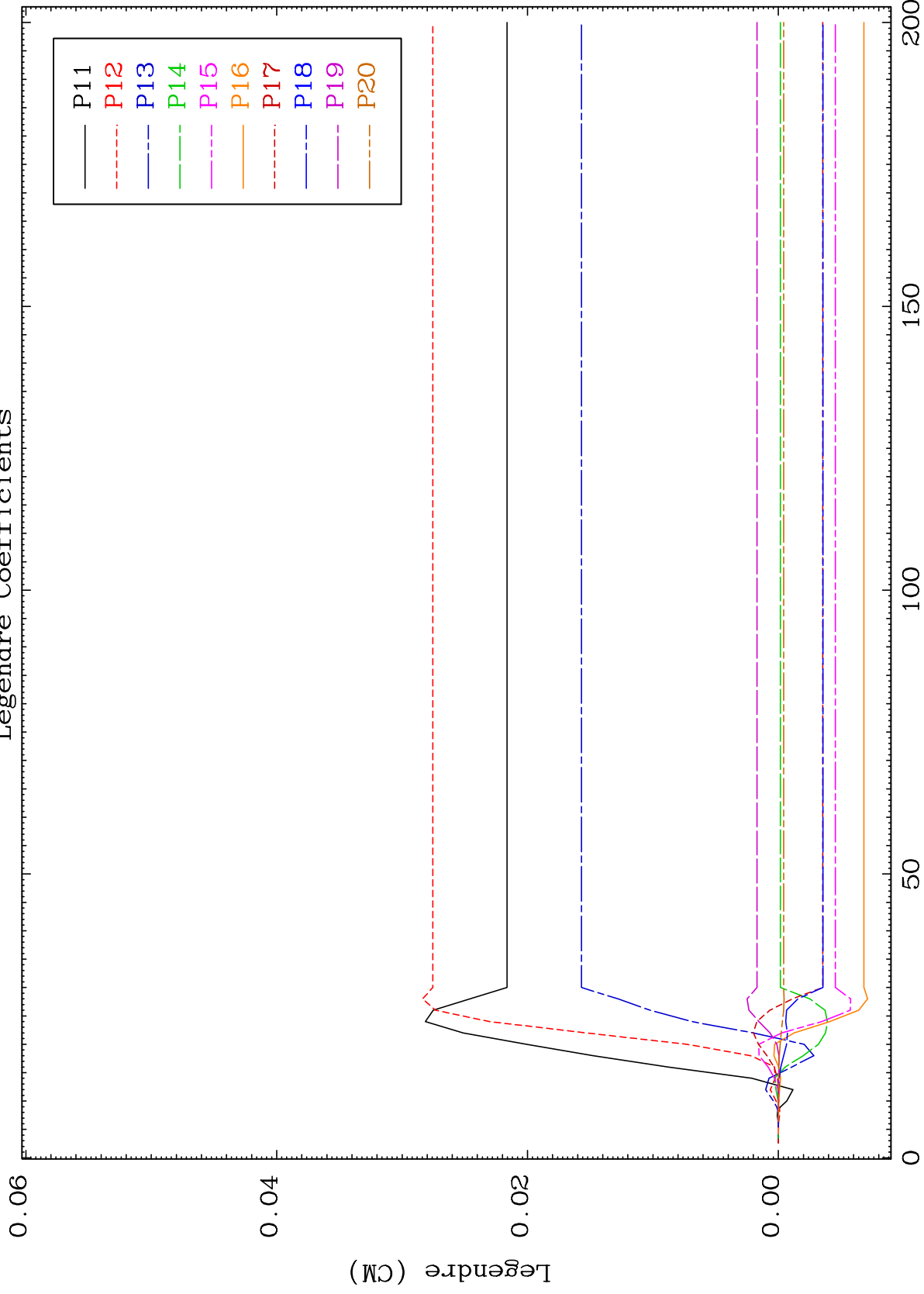
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



77

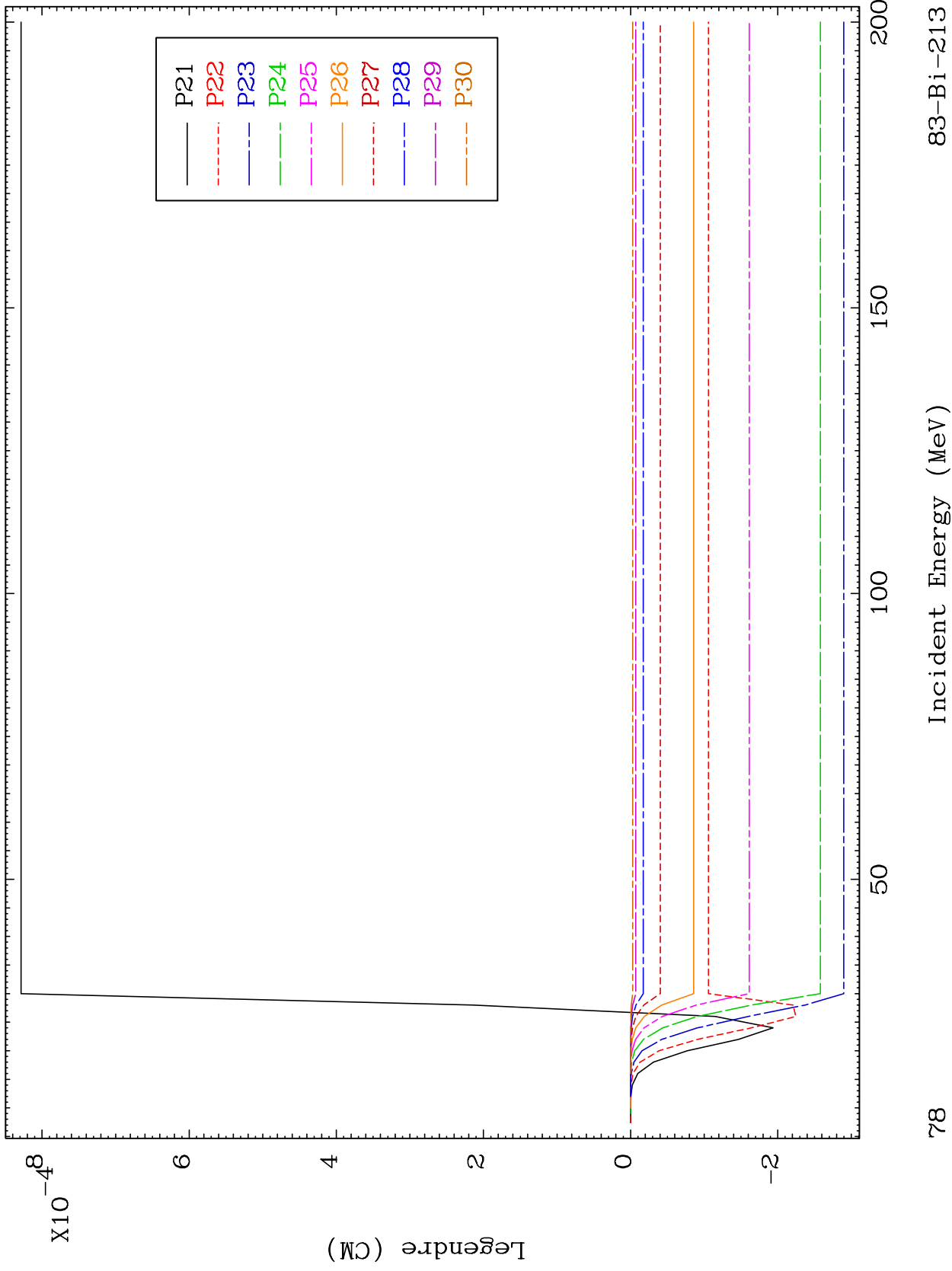
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



78

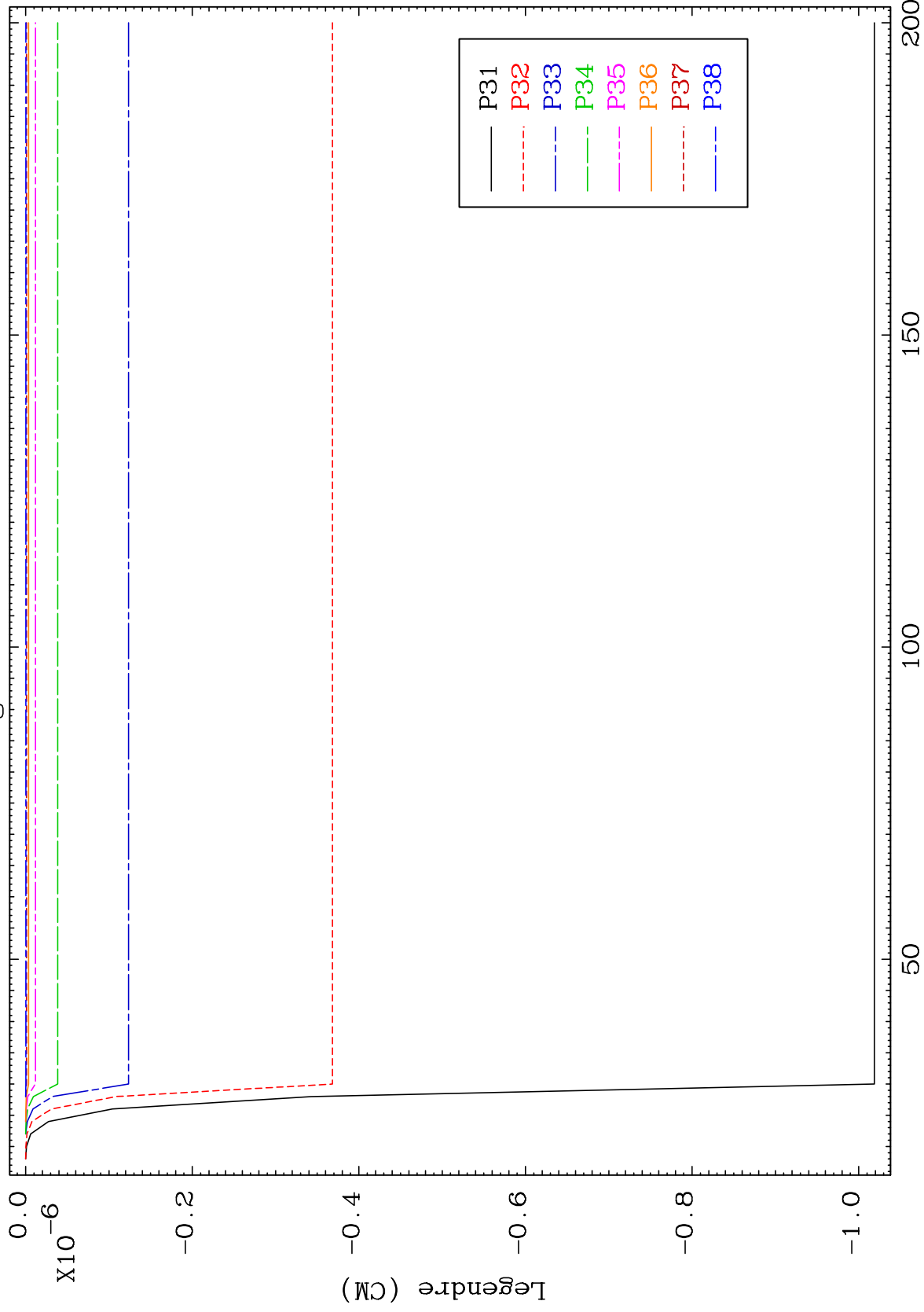
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



79

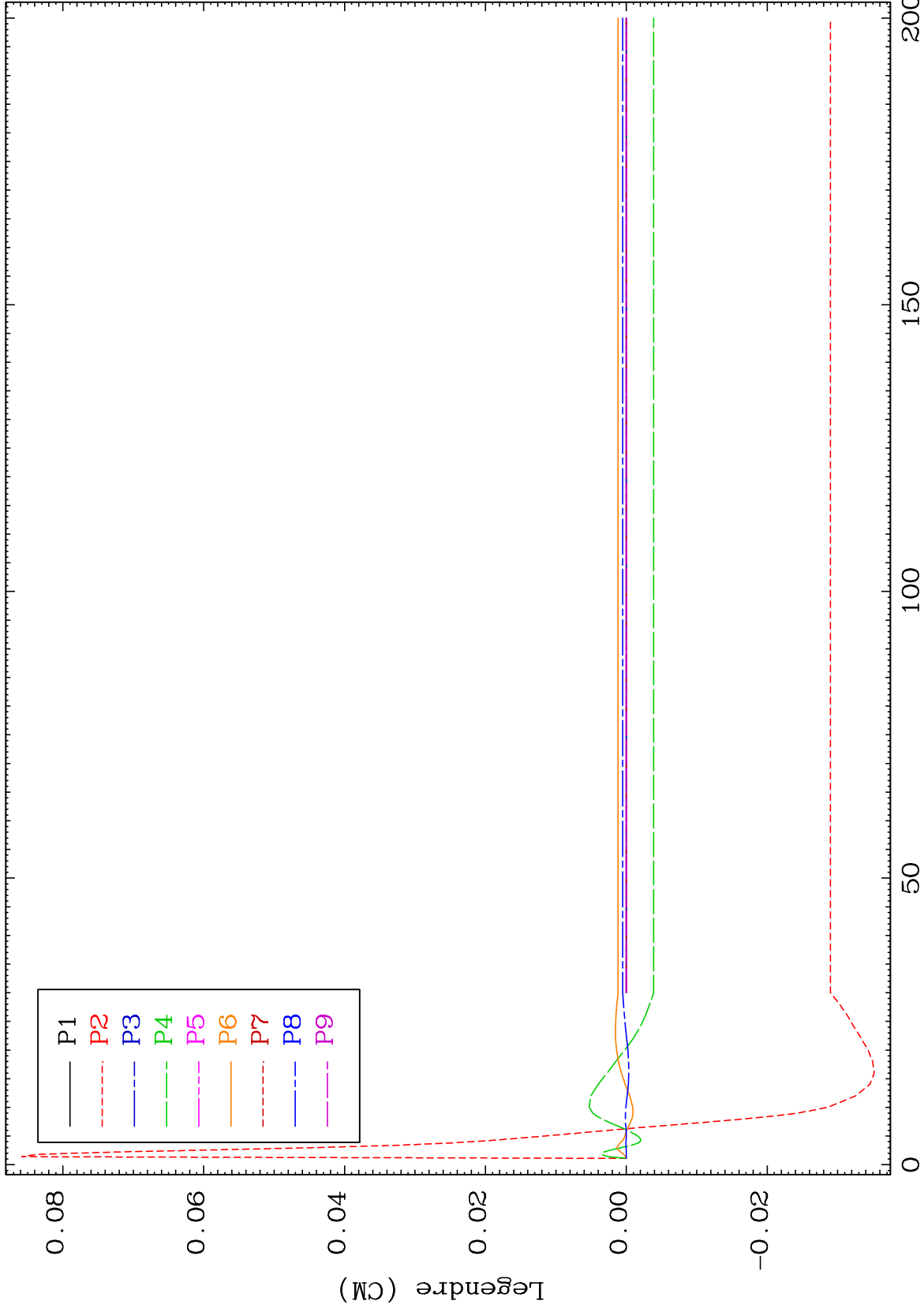
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



80

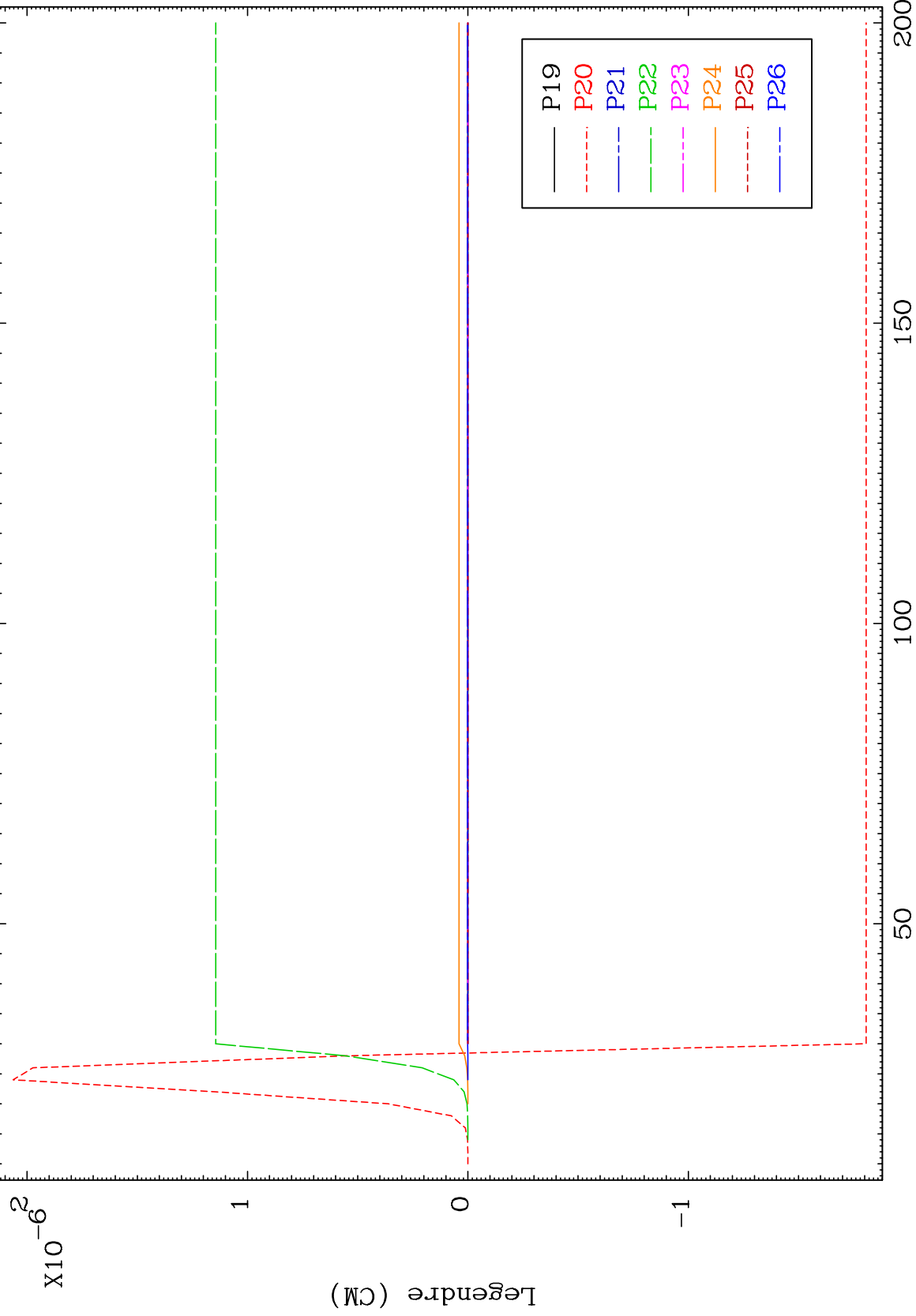
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



82

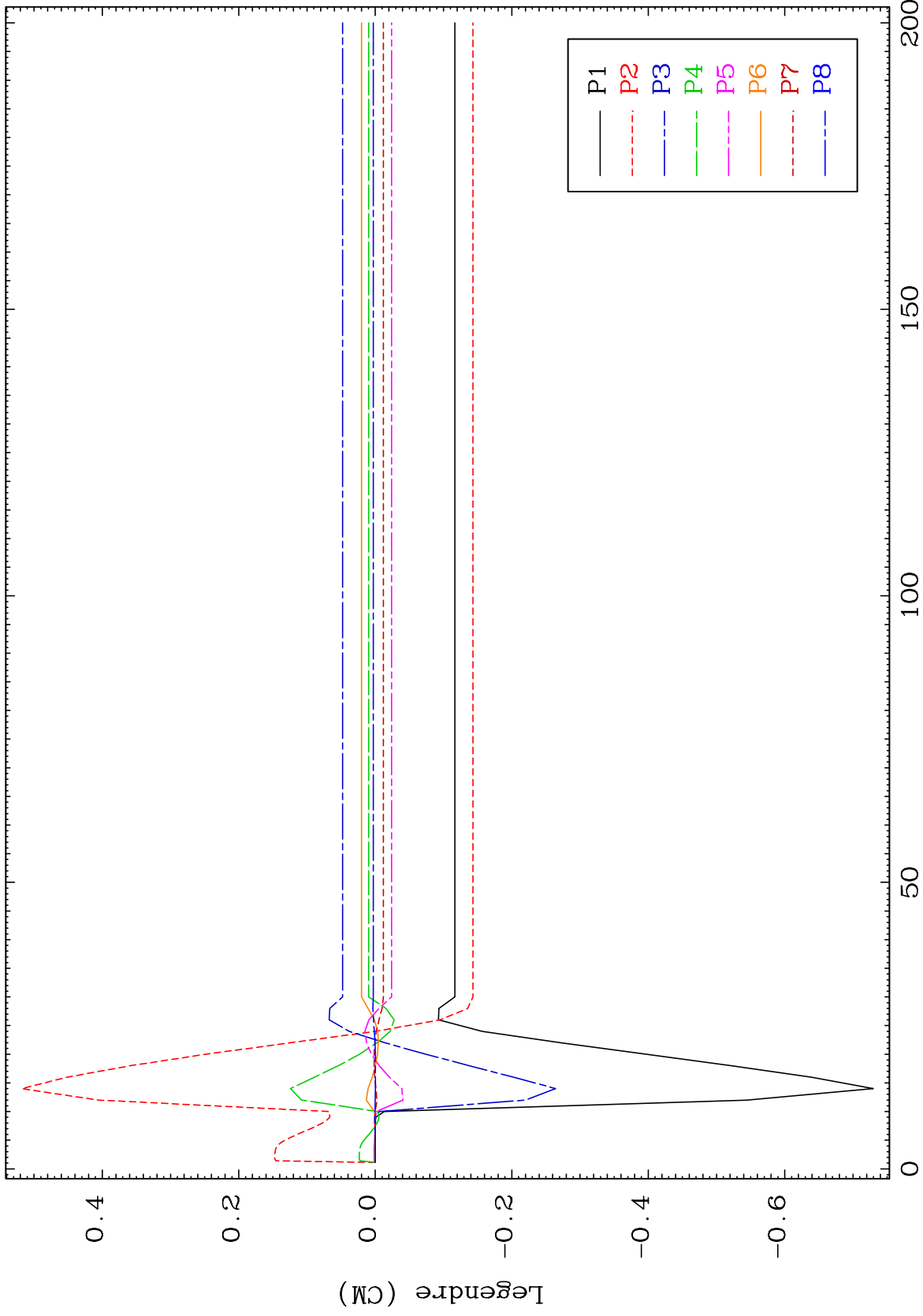
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83

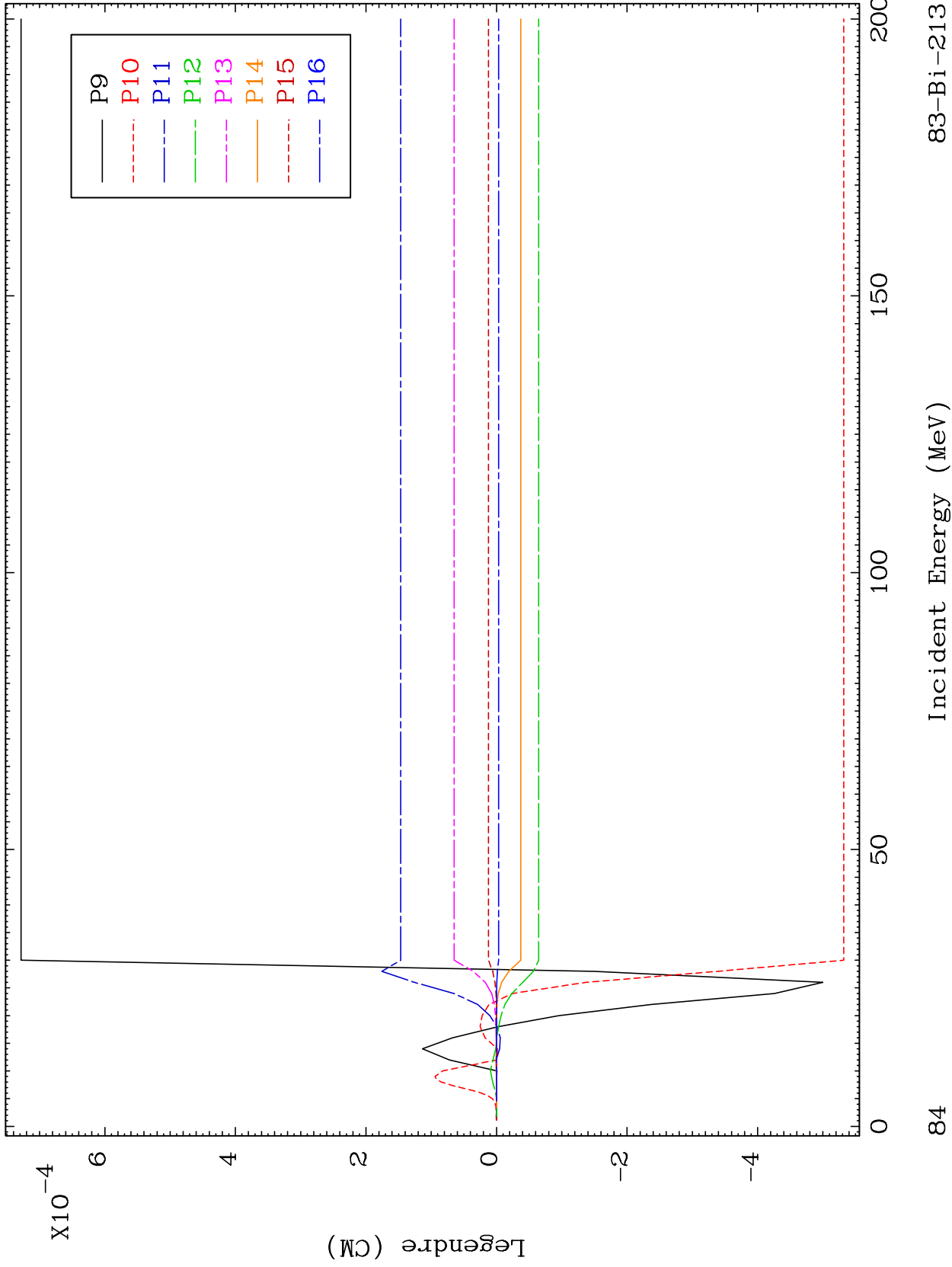
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



84

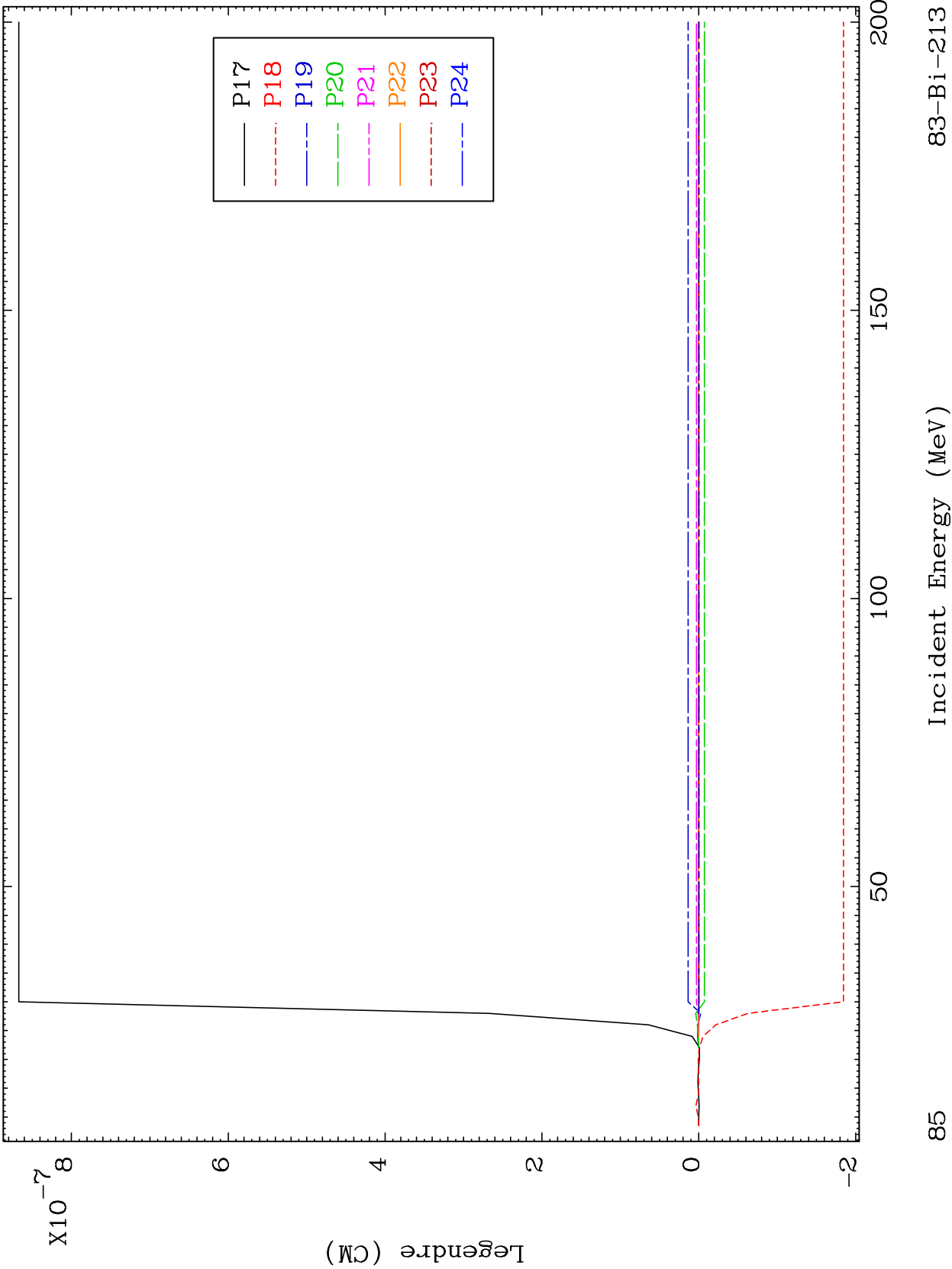
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

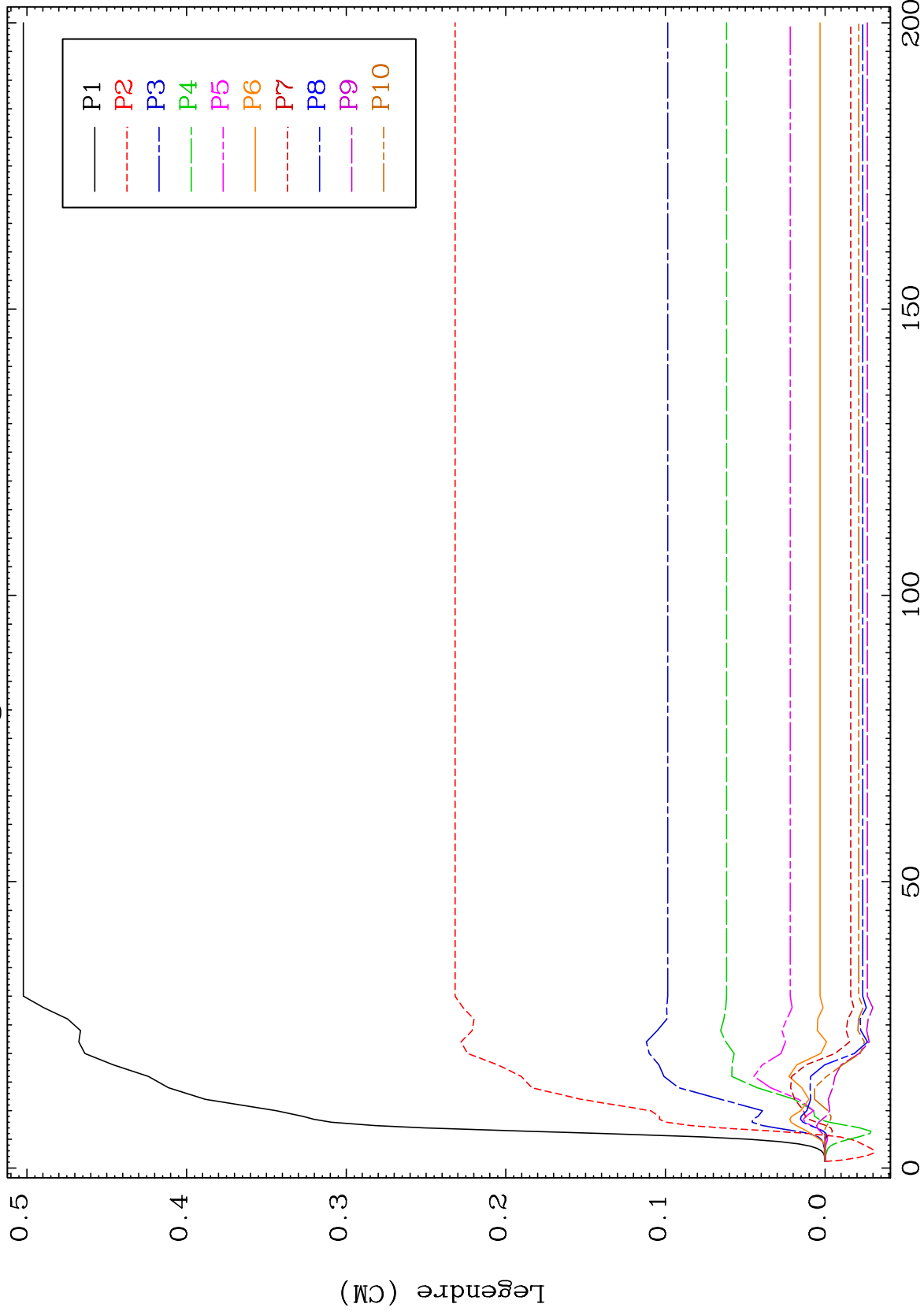
83-Bi-213



MAT 8337

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

83-Bi-213



86

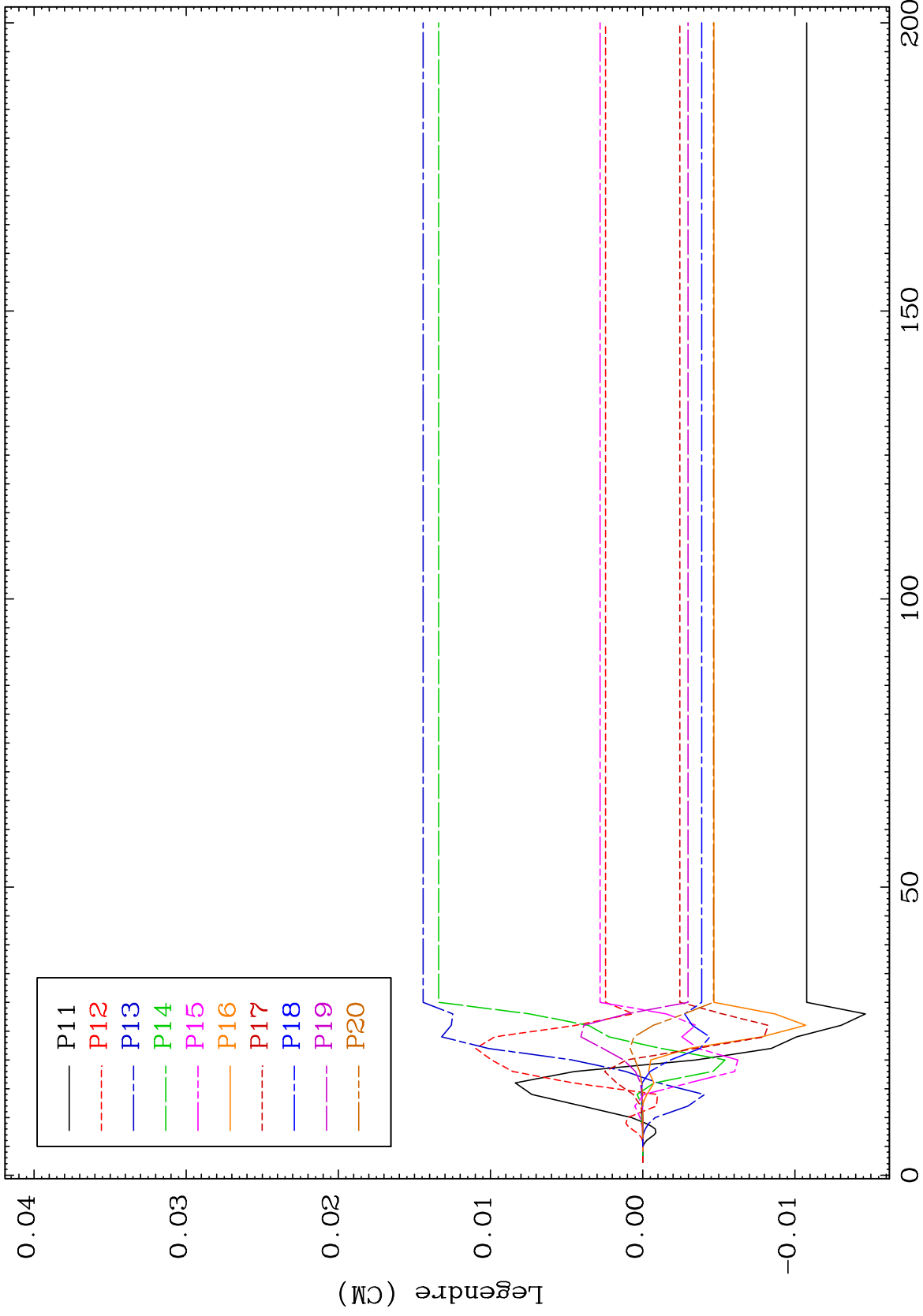
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



87

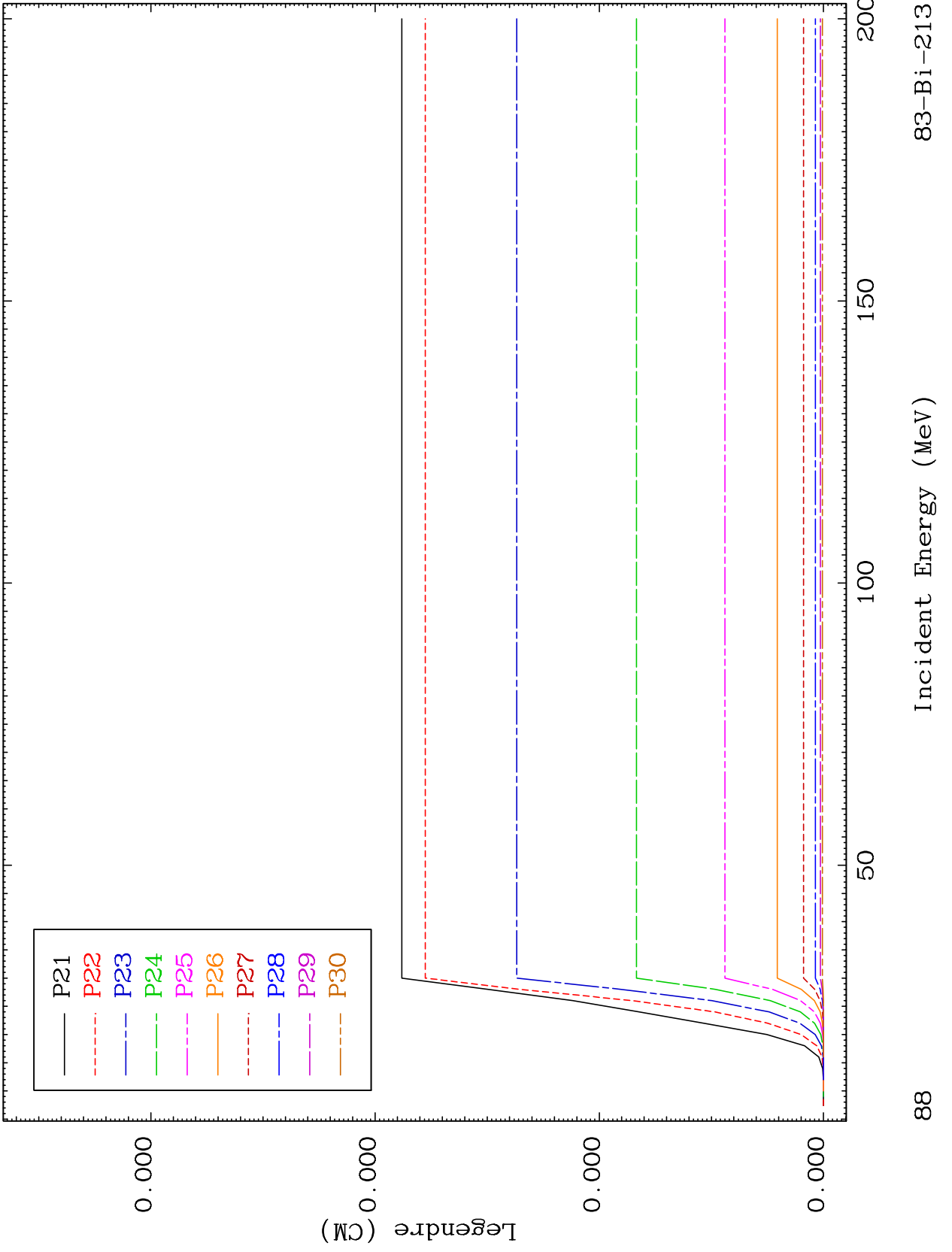
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

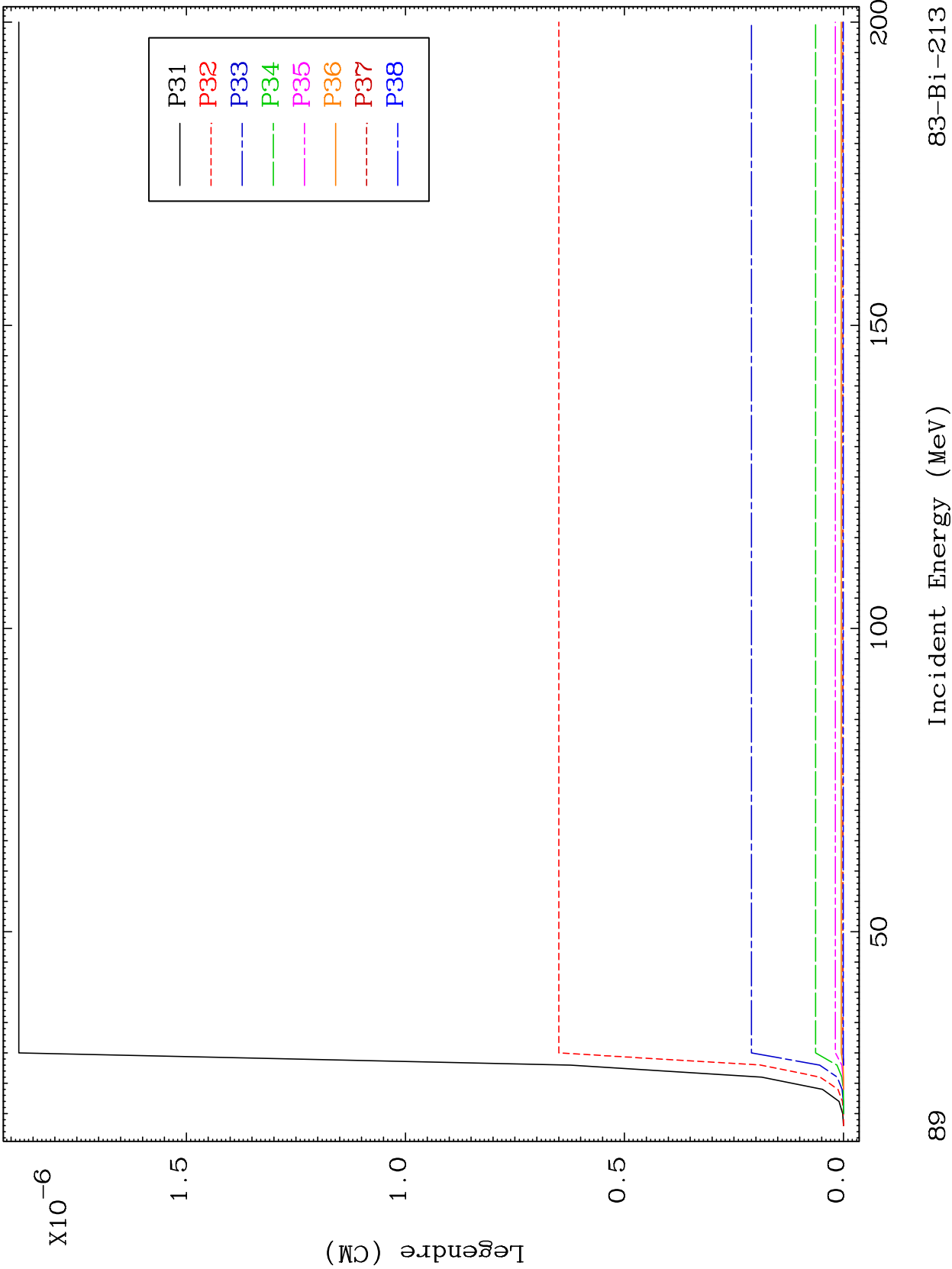


88

MAT 8337

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

83-Bi-213



89

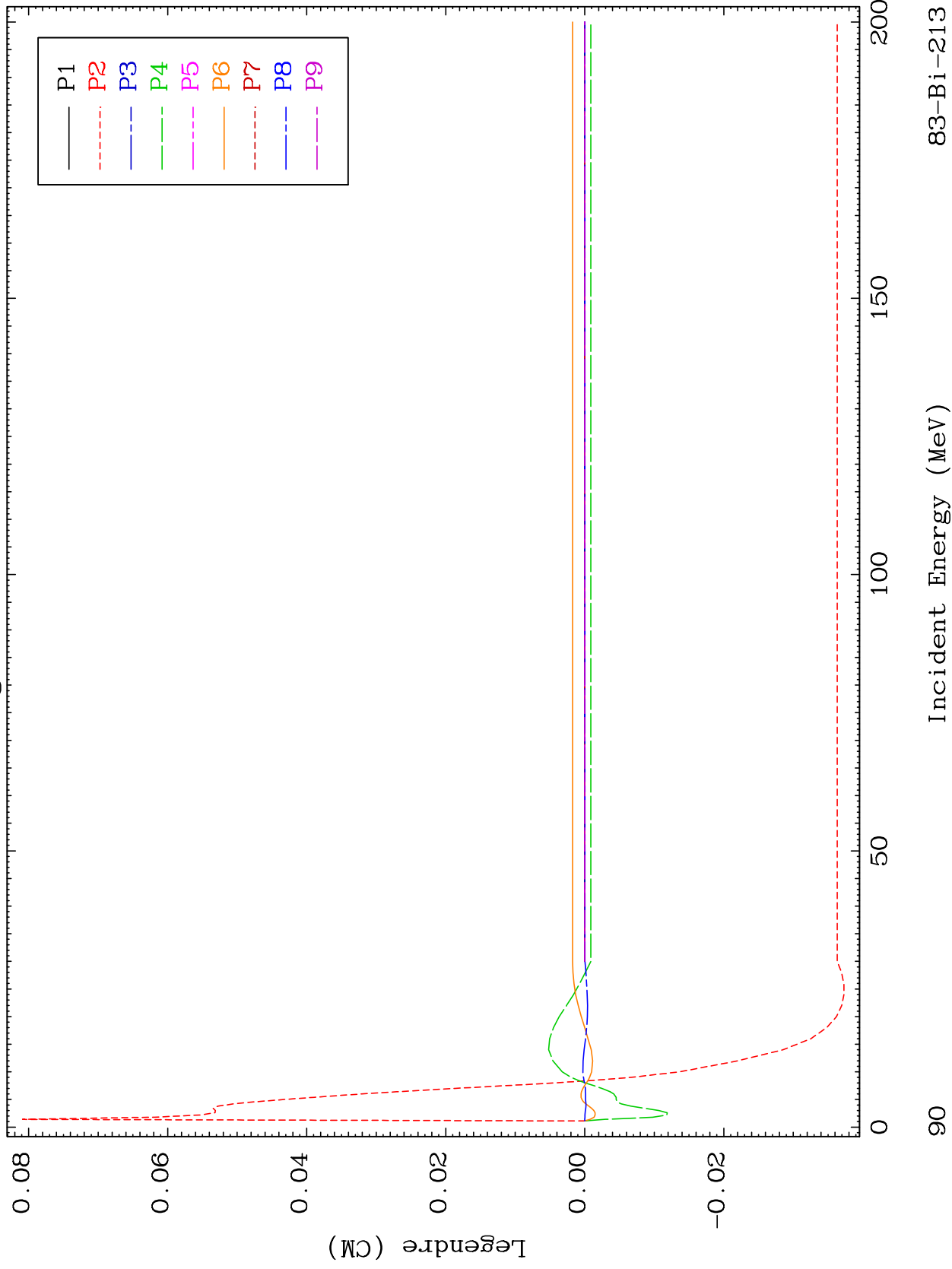
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

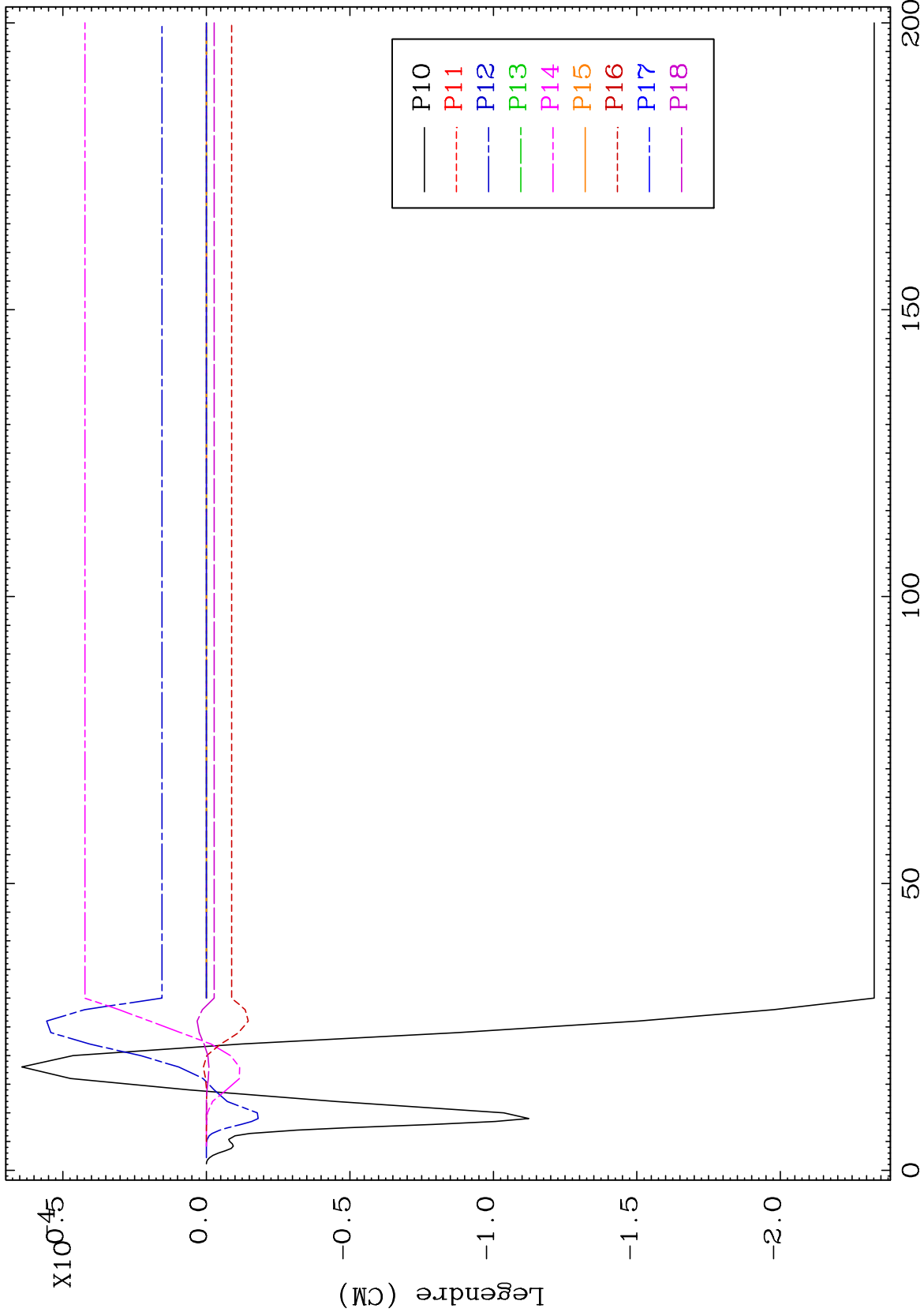


83-Bi-213

MAT 8337

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

83-Bi-213



91

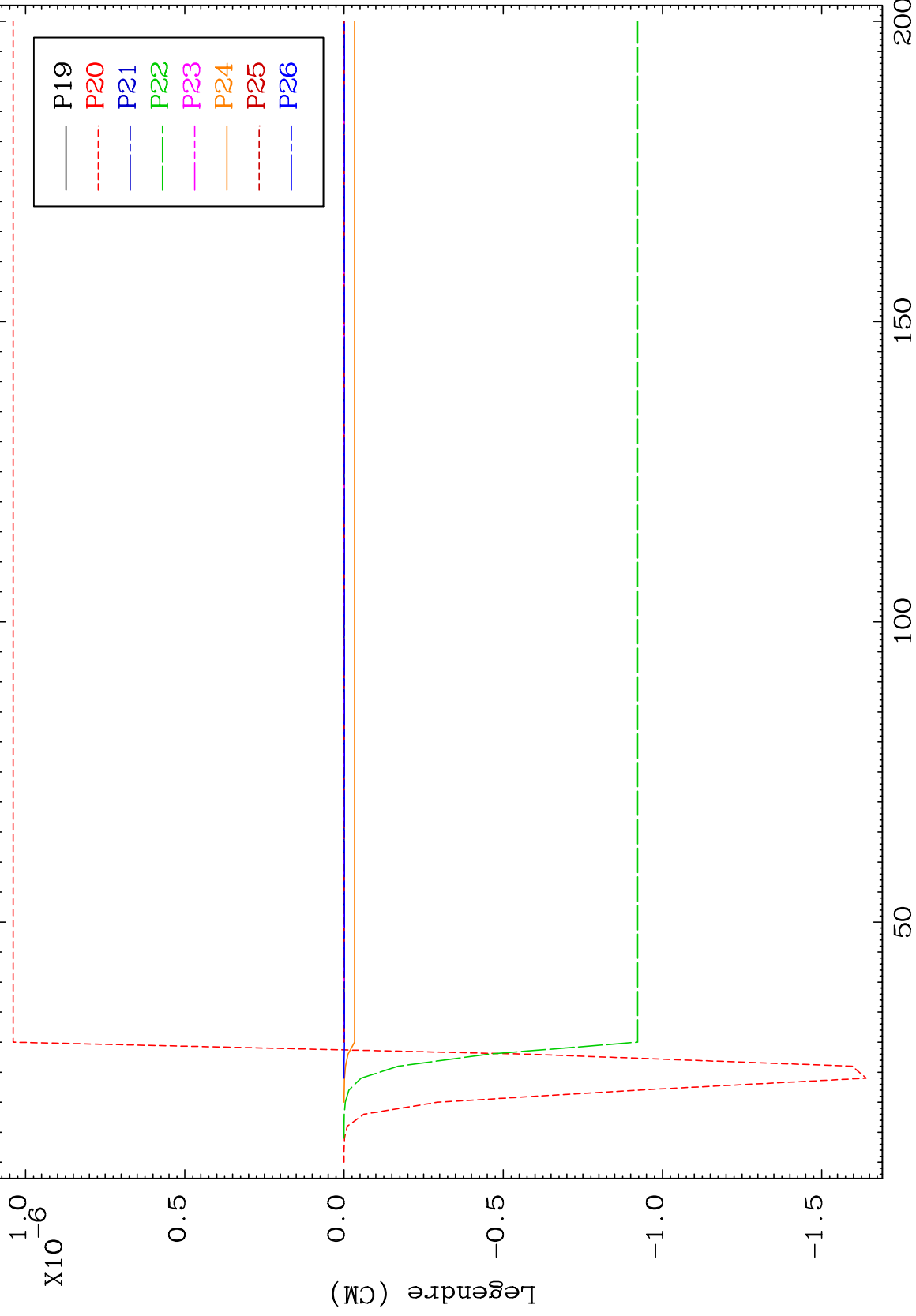
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



92

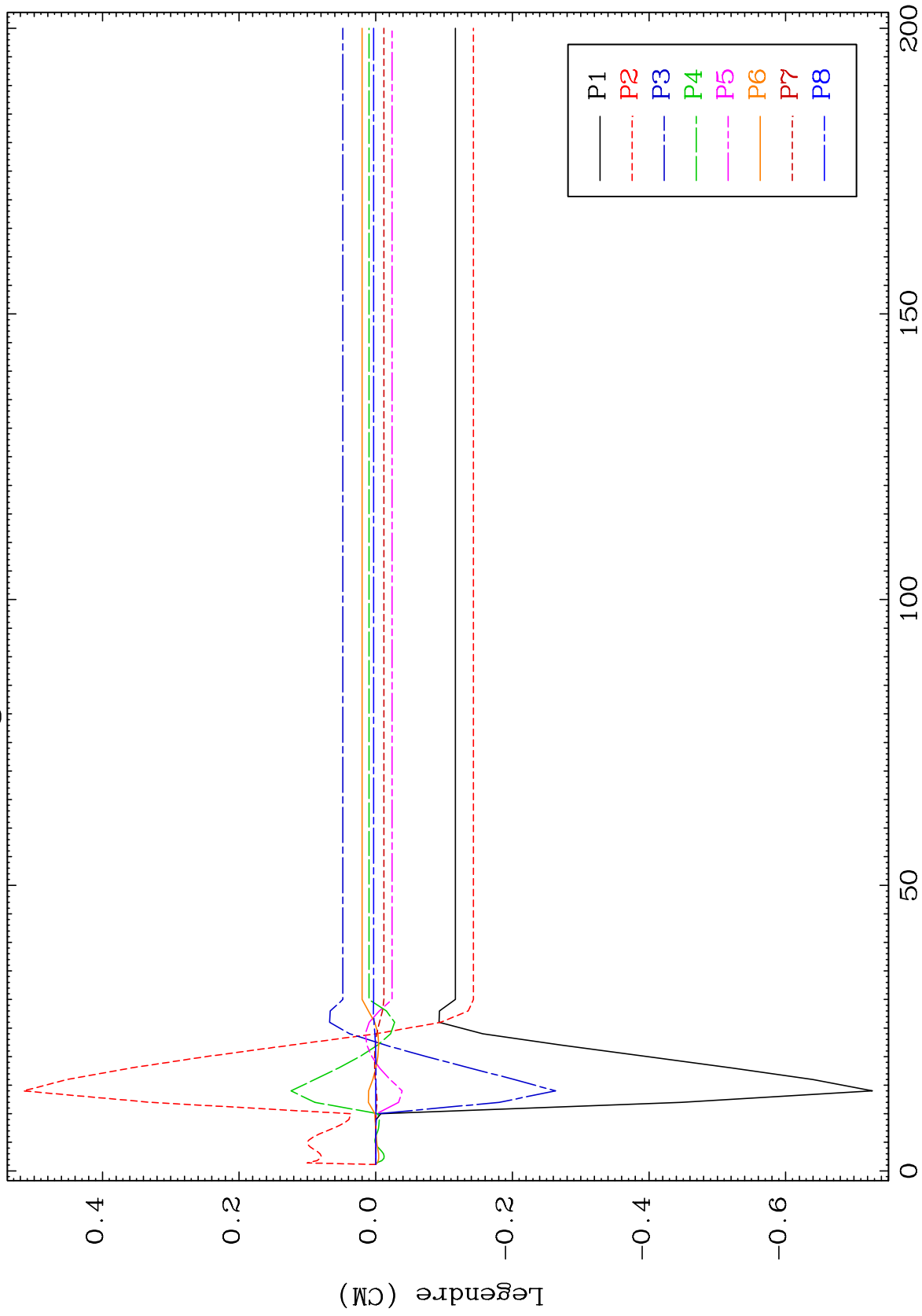
Incident Energy (MeV)

83-Bi-213

MAT 8337

83-Bi-213

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



93

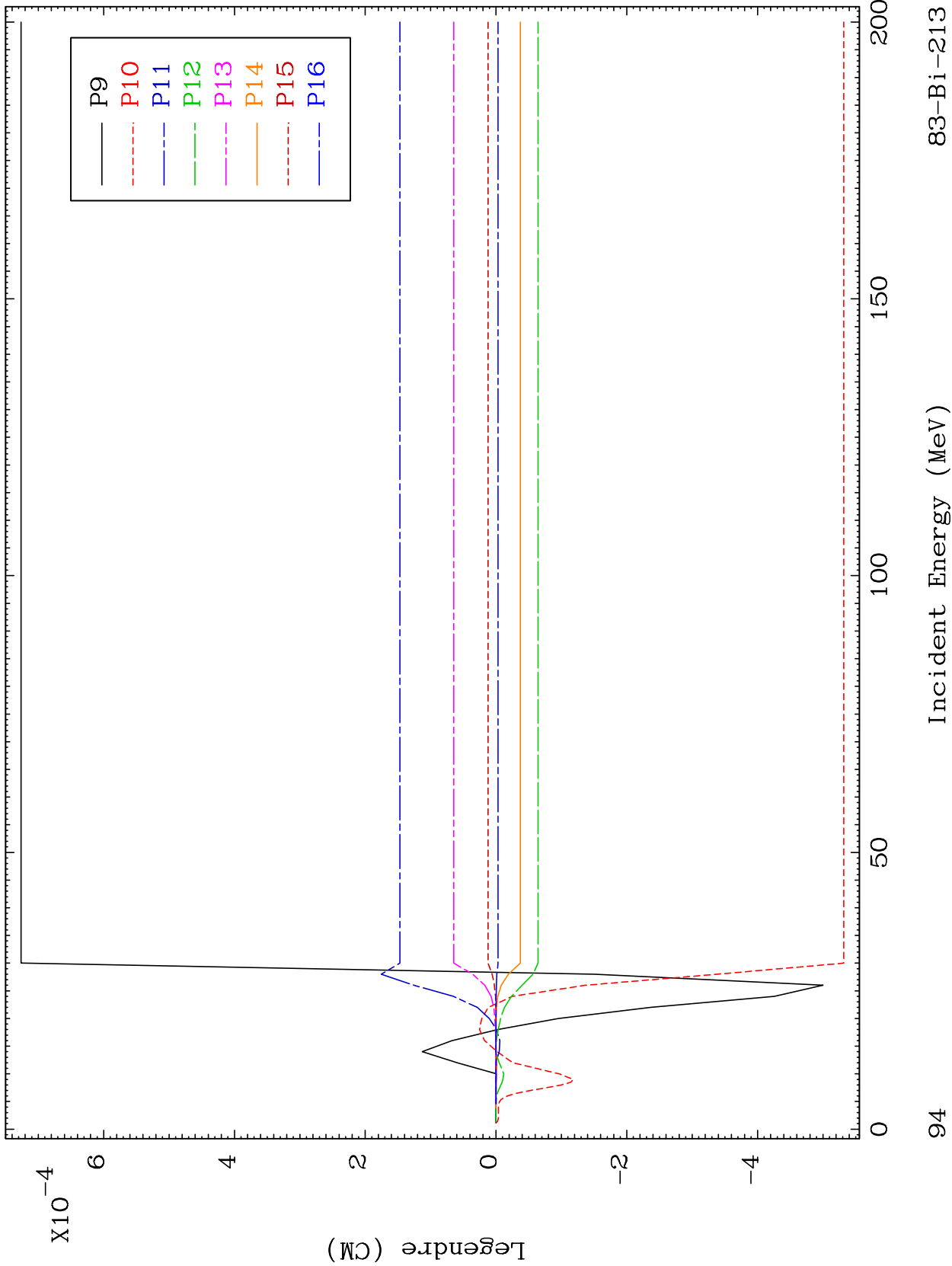
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



94

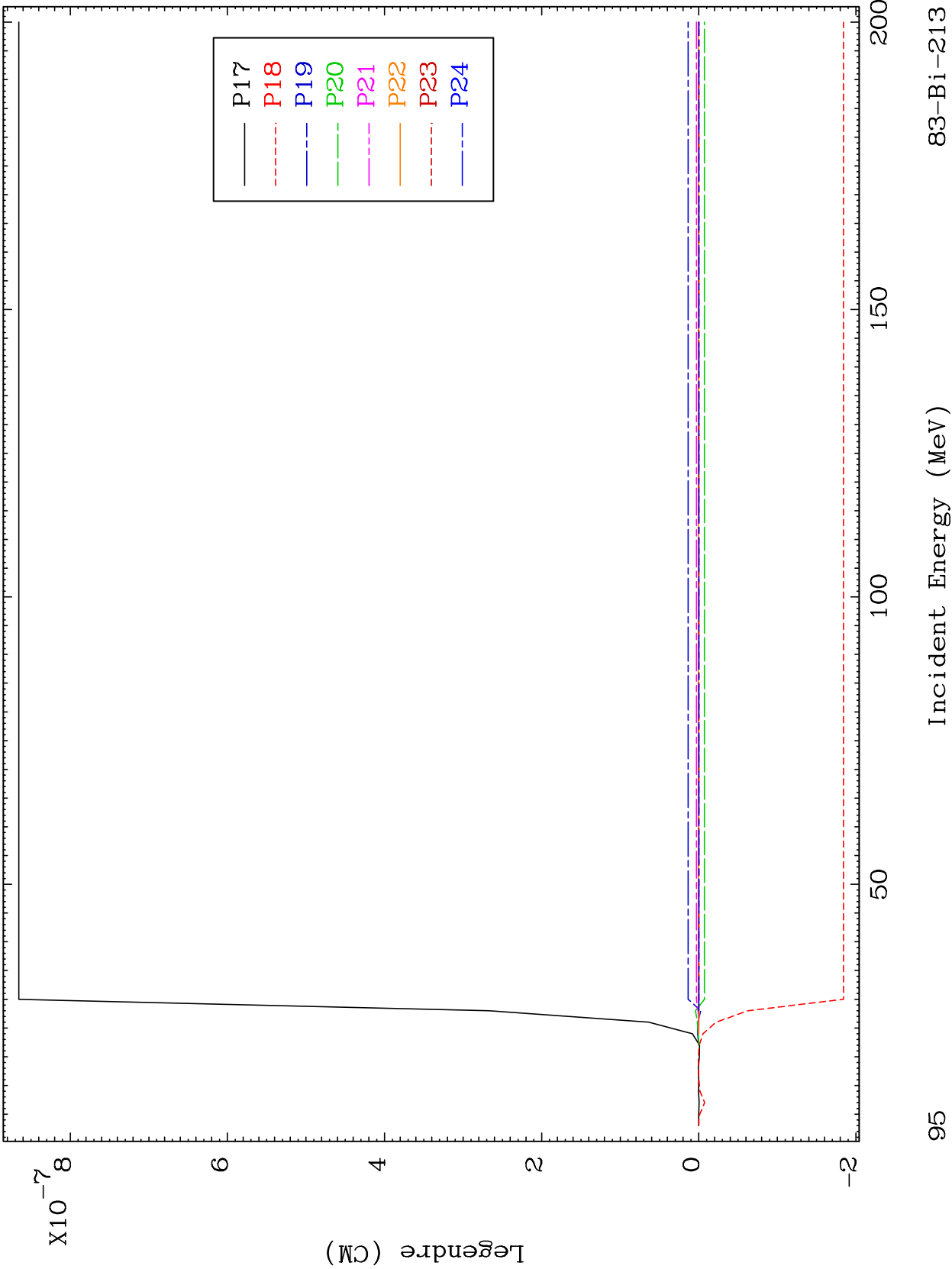
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

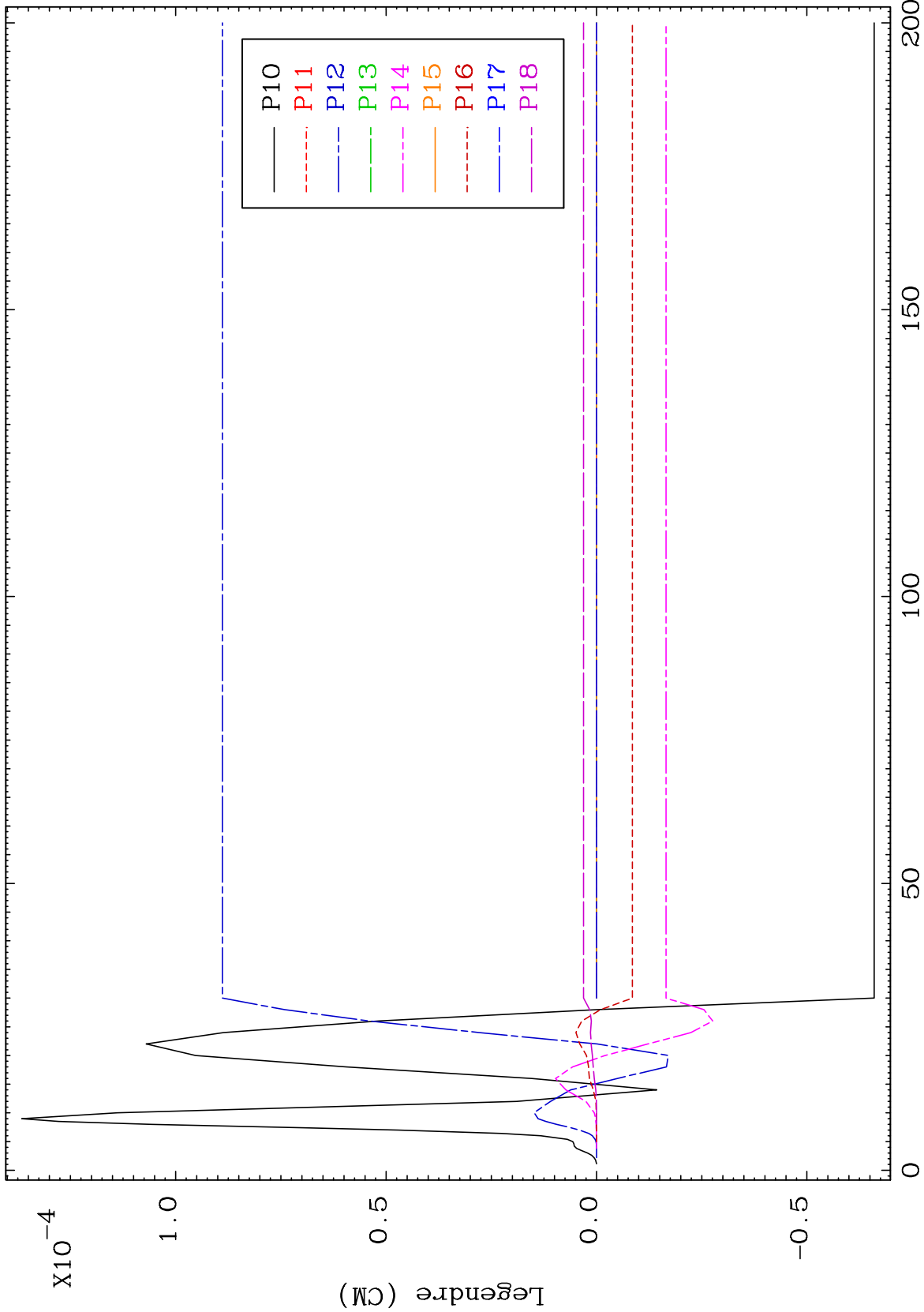
83-Bi-213



95

Incident Energy (MeV)

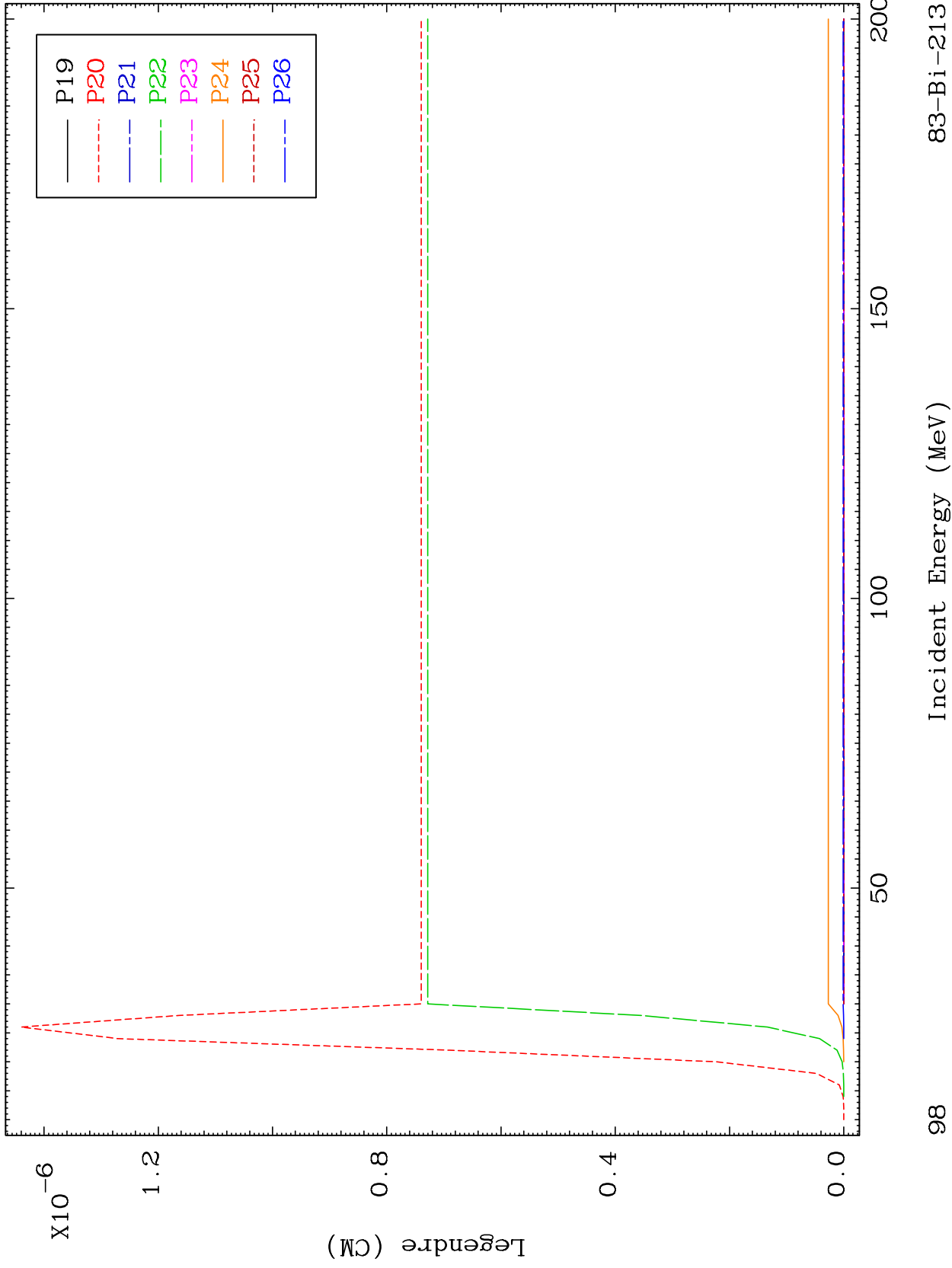
83-Bi-213



MAT 8337

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

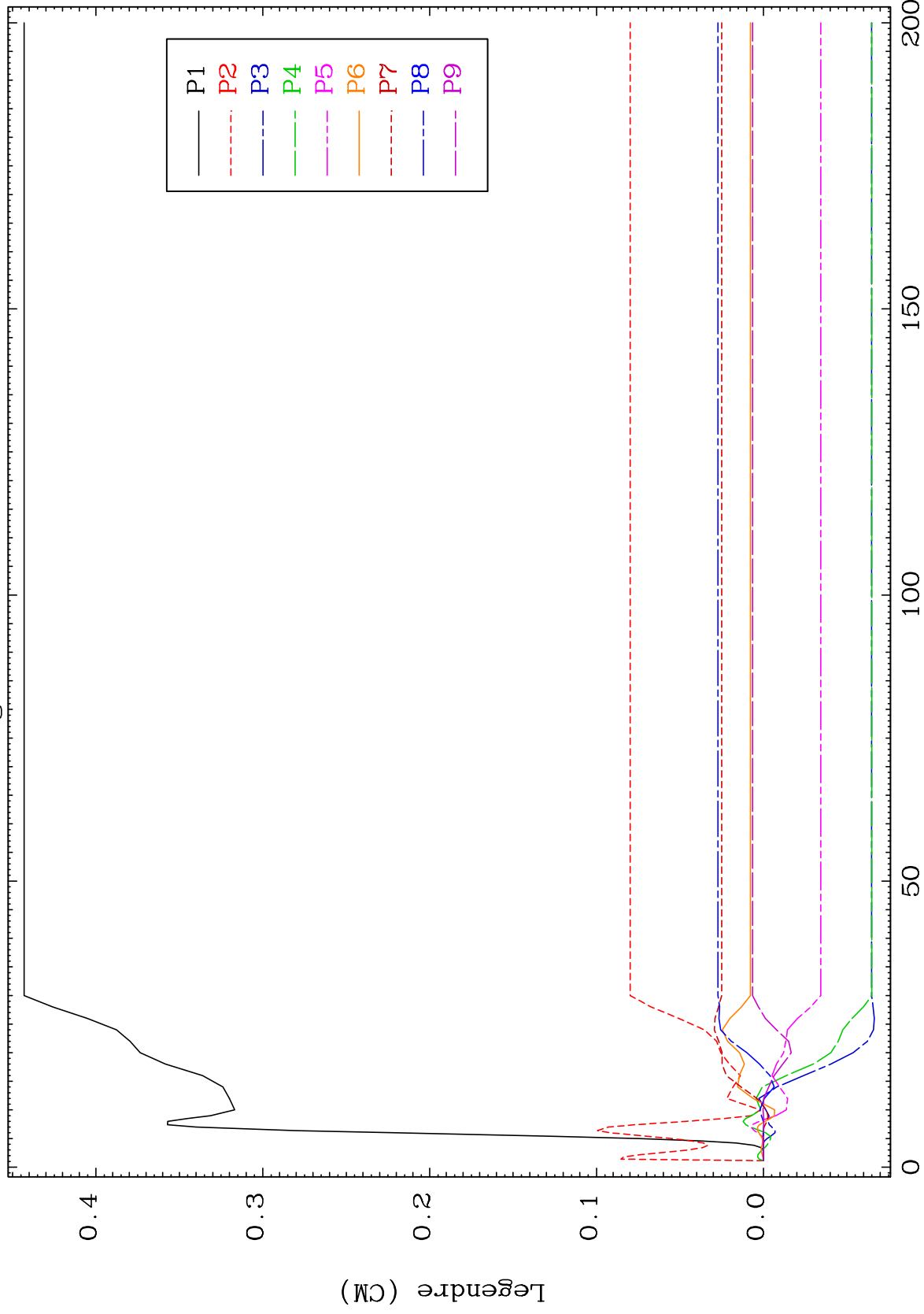
83-Bi-213



MAT 8337

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

83-Bi-213



99

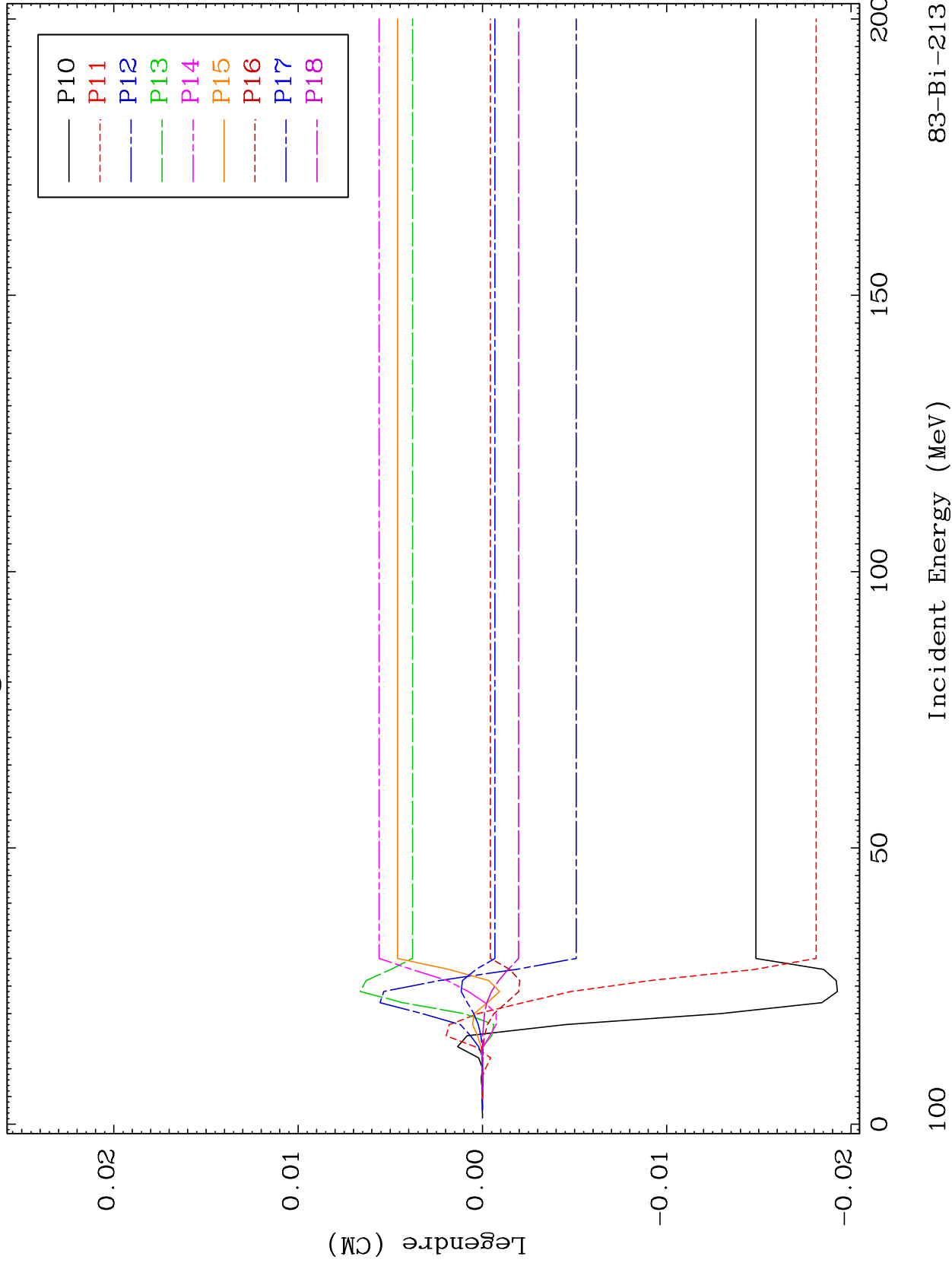
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

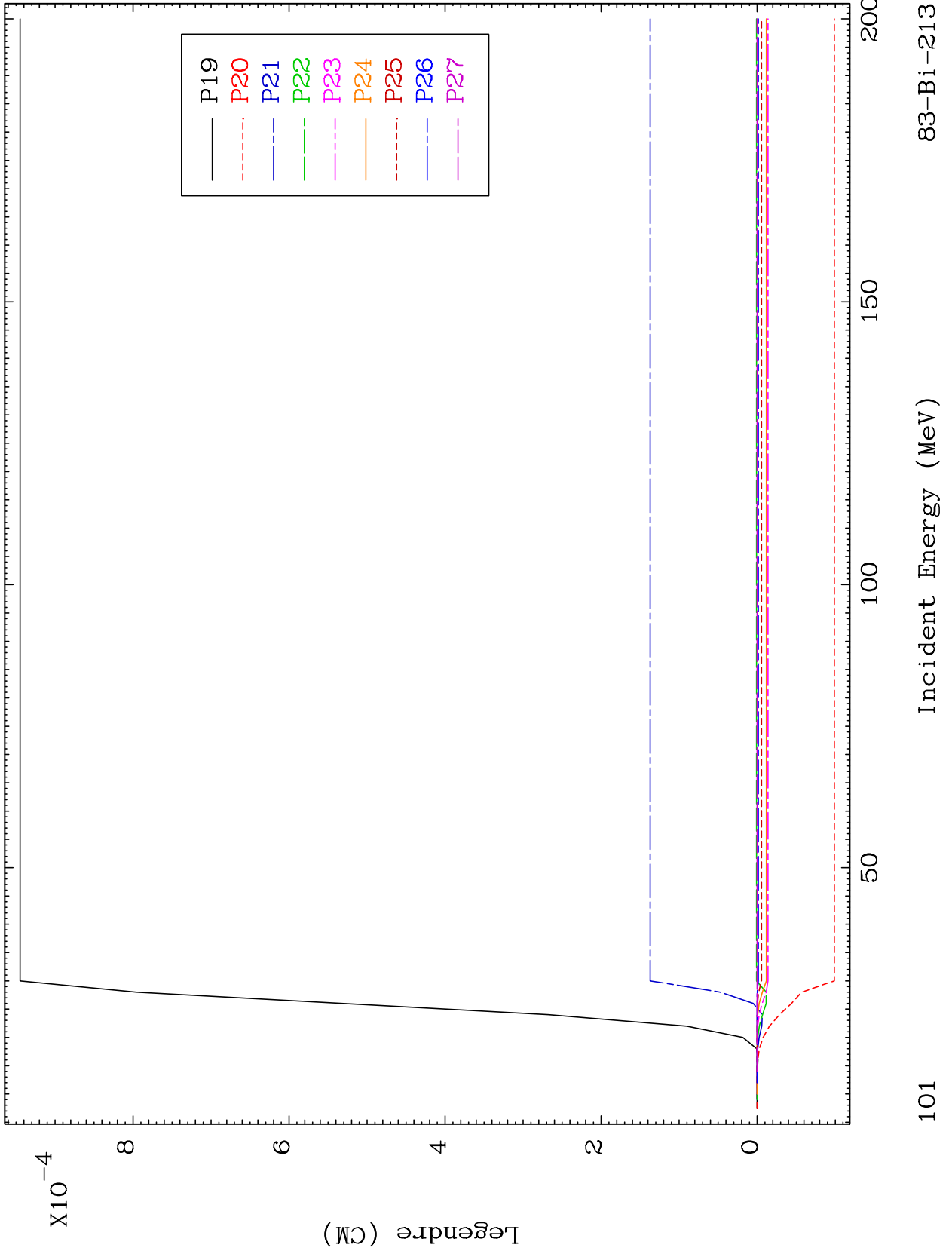
83-Bi-213



MAT 8337

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

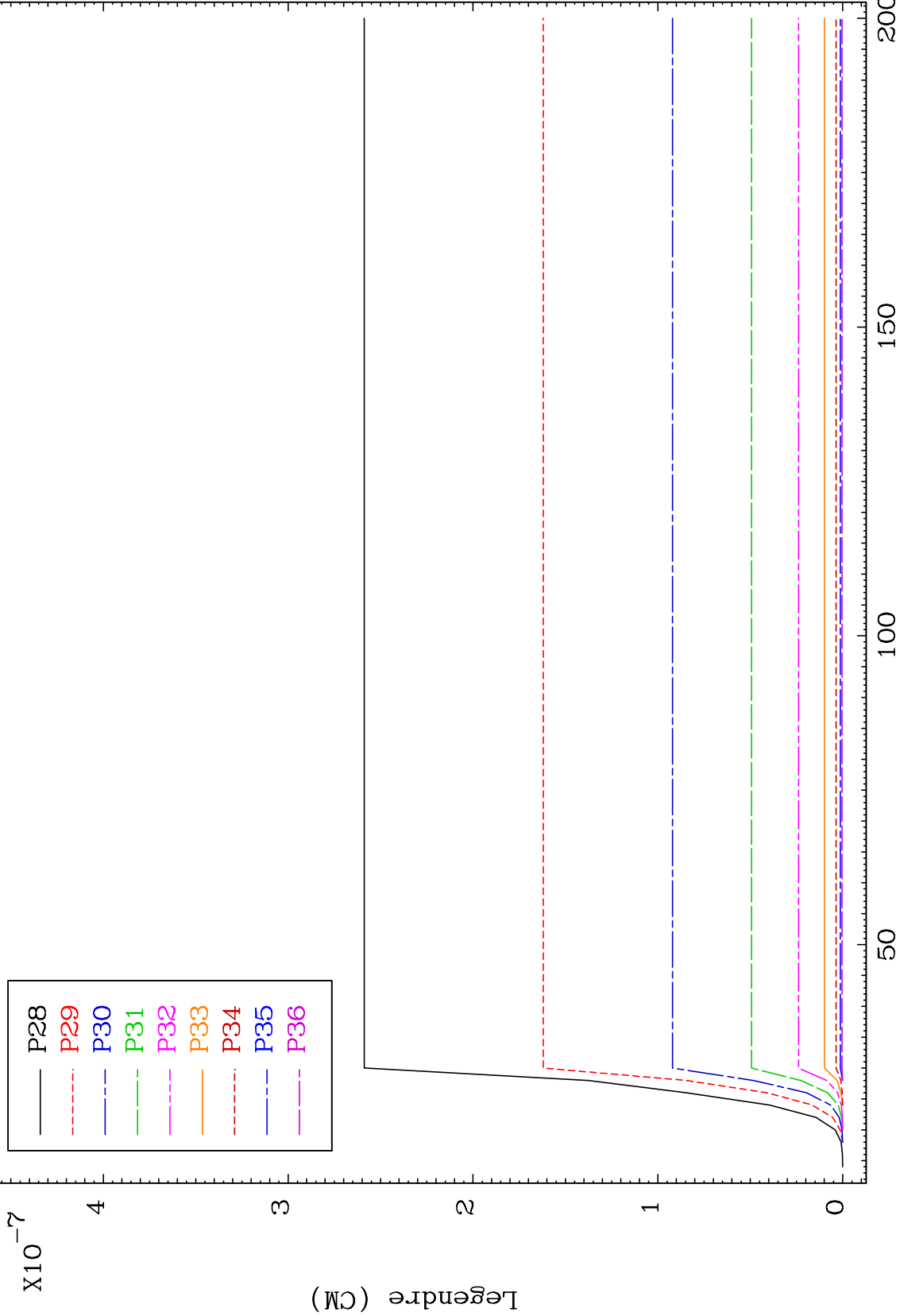
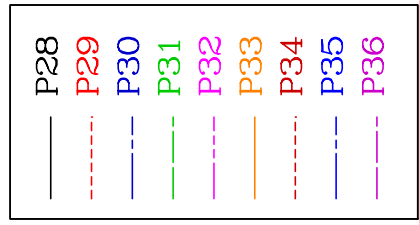
83-Bi-213



MAT 8337

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

83-Bi-213



102

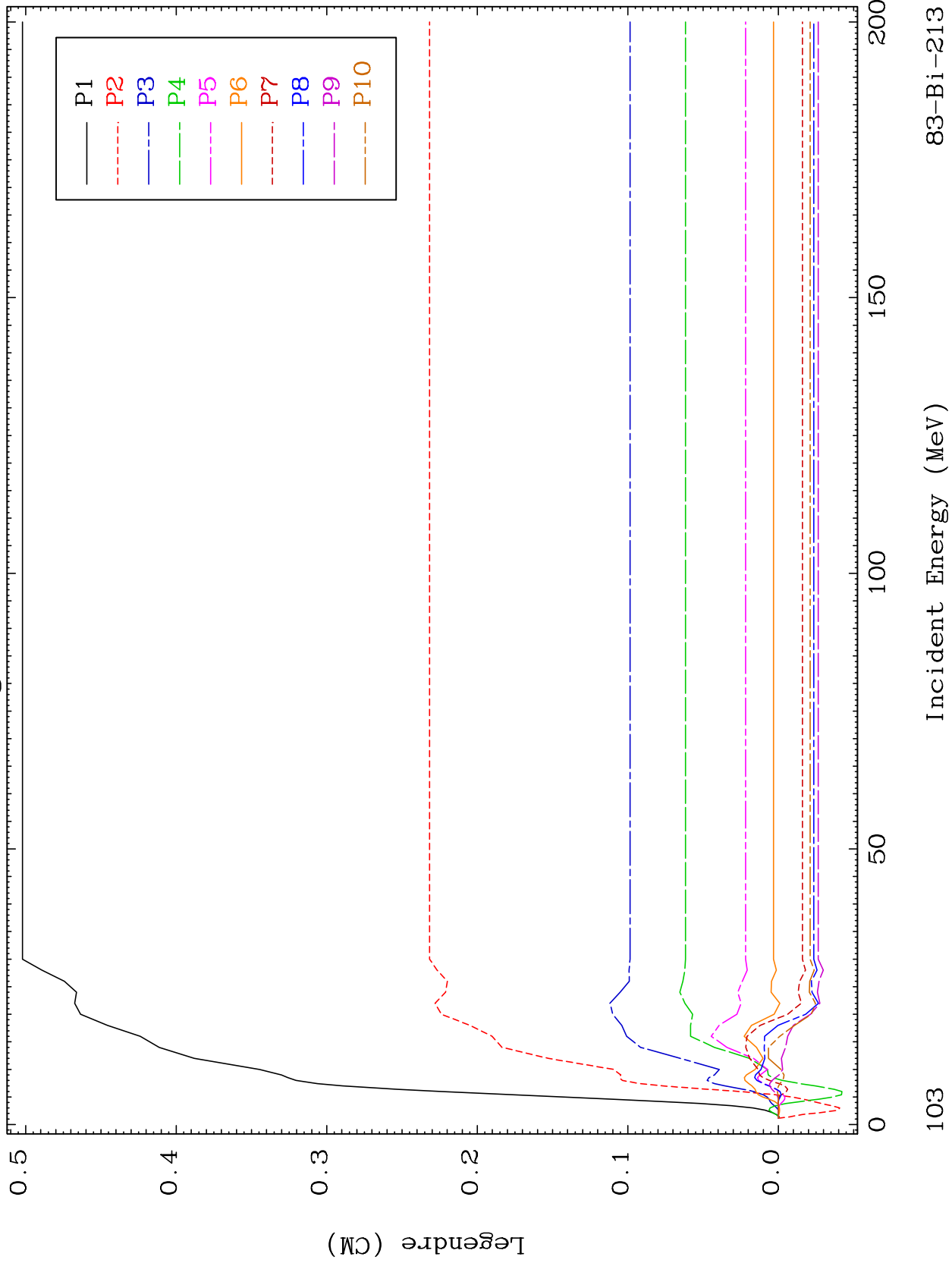
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

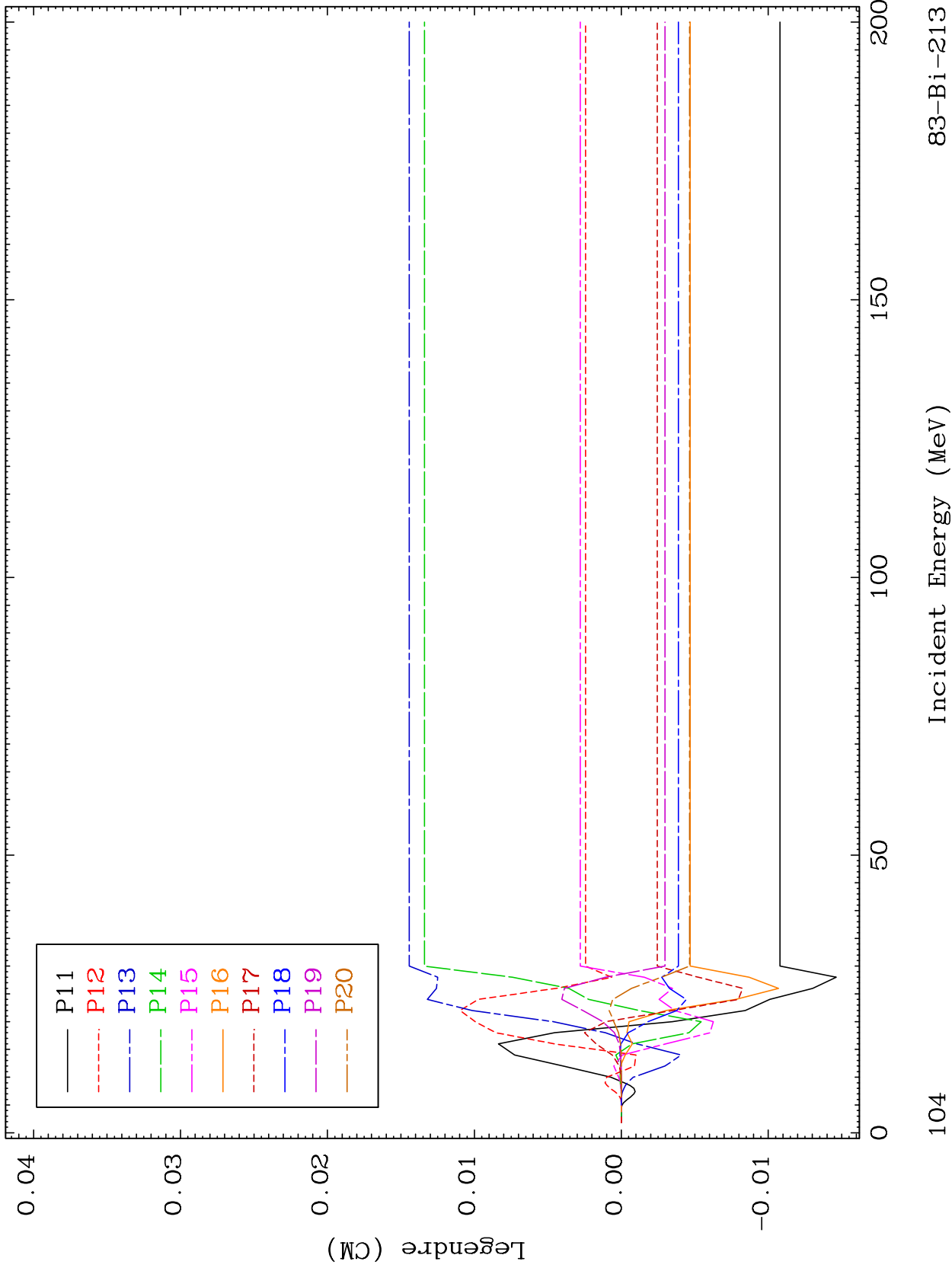
Incident Energy (MeV)

103

MAT 8337

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

83-Bi-213



104

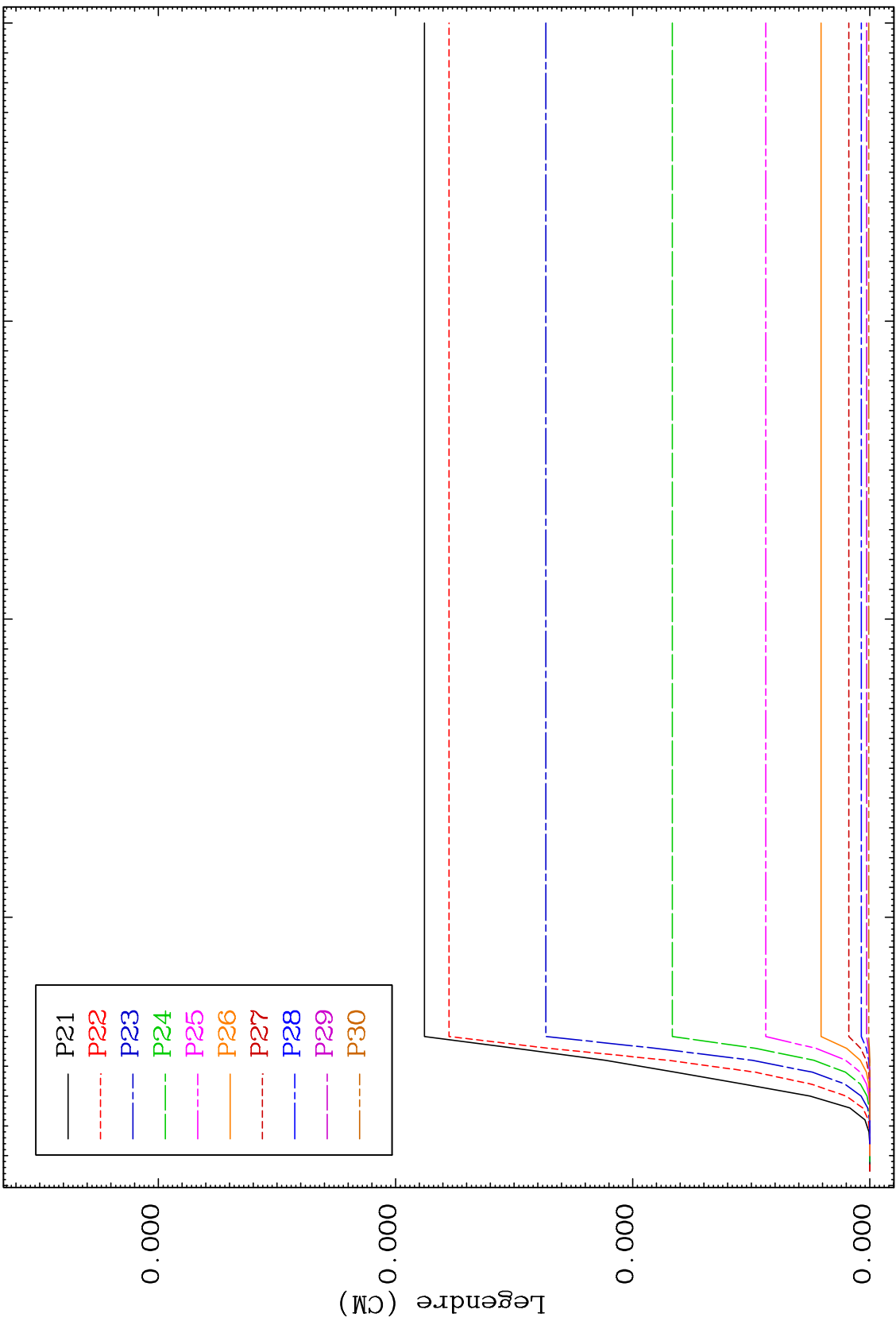
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



105

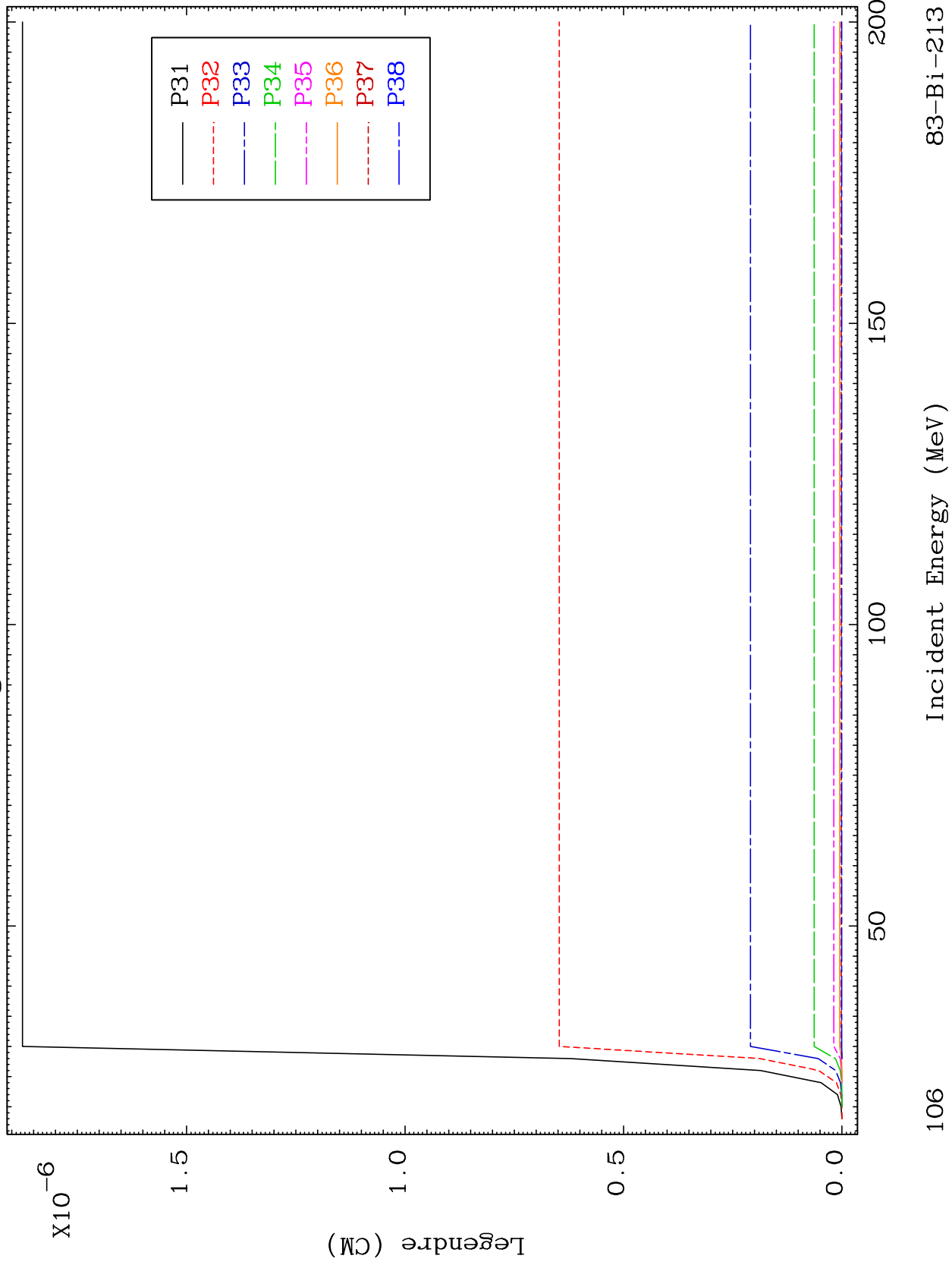
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



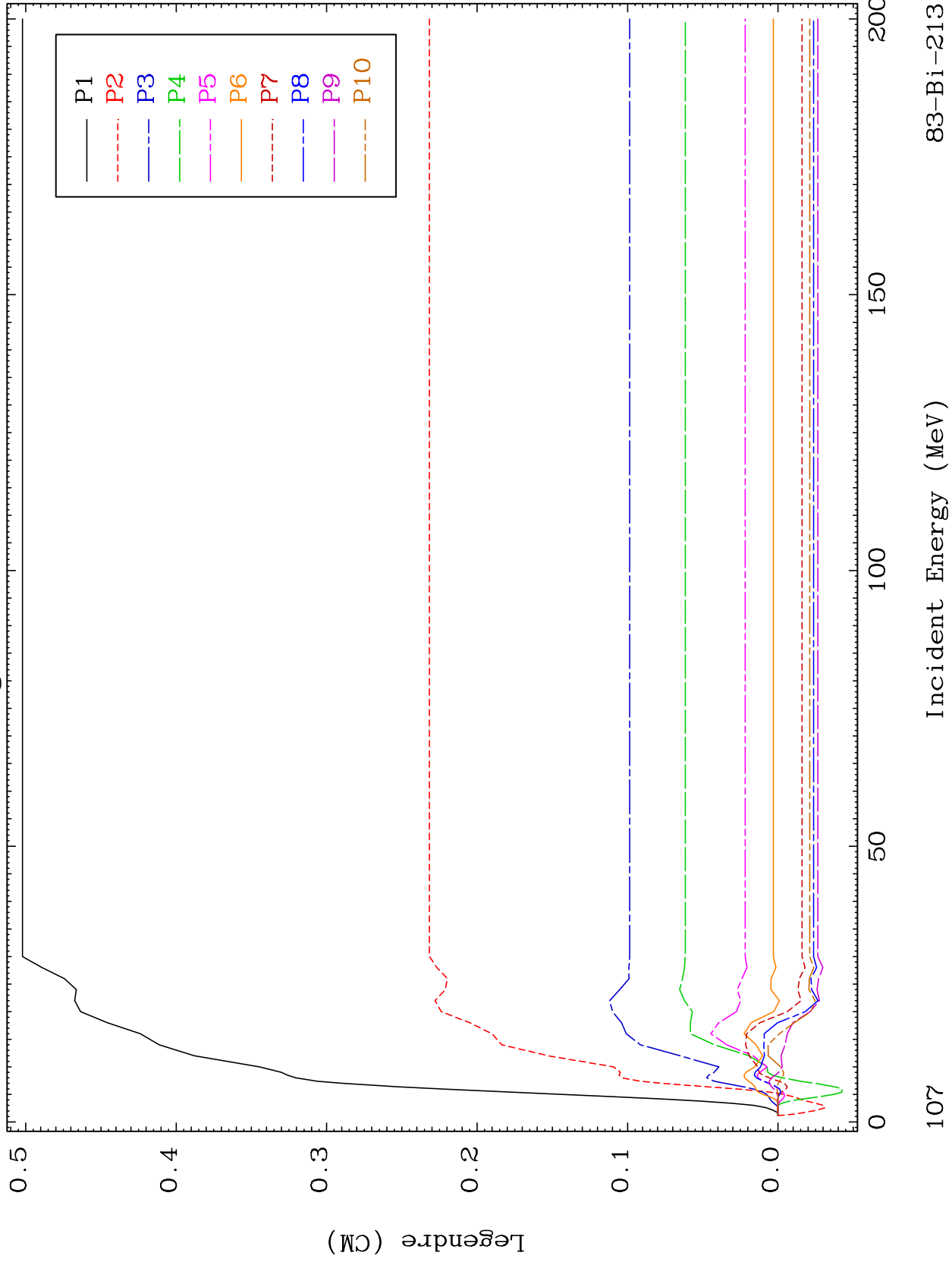
106

MAT 8337

MT= 76 (n,n') Level

83-Bi-213

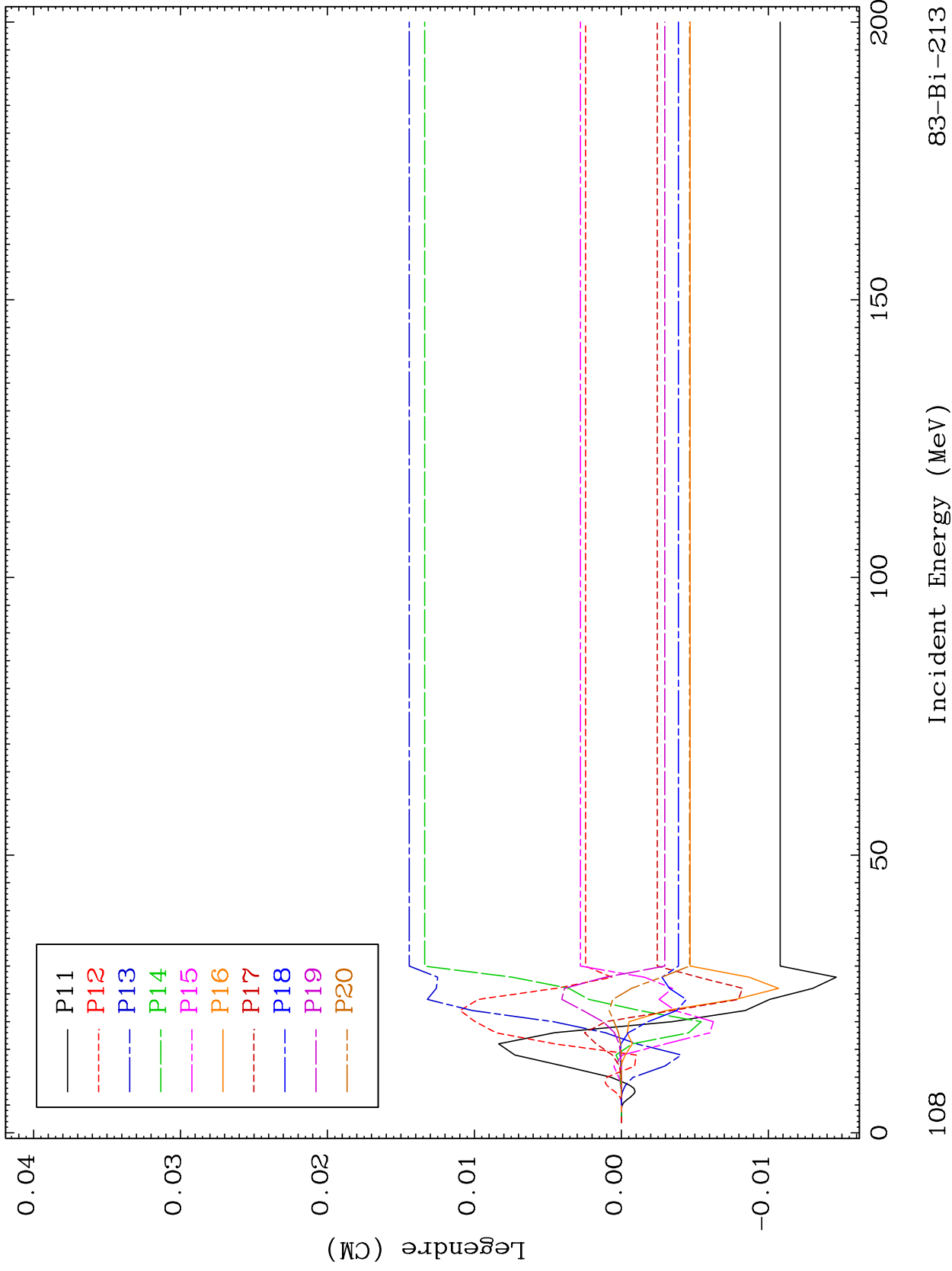
Legendre Coefficients



MAT 8337

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

83-Bi-213



108

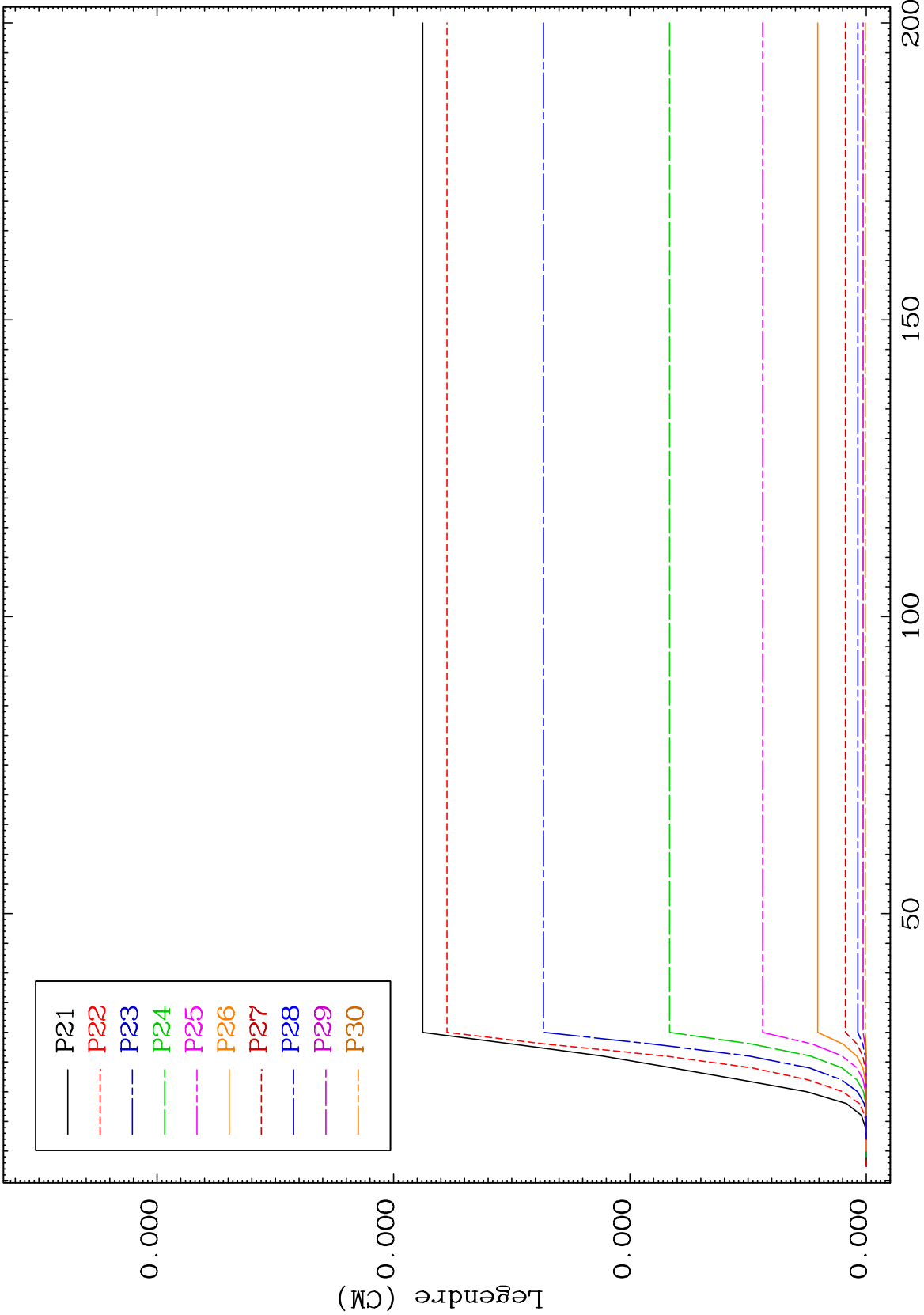
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



109

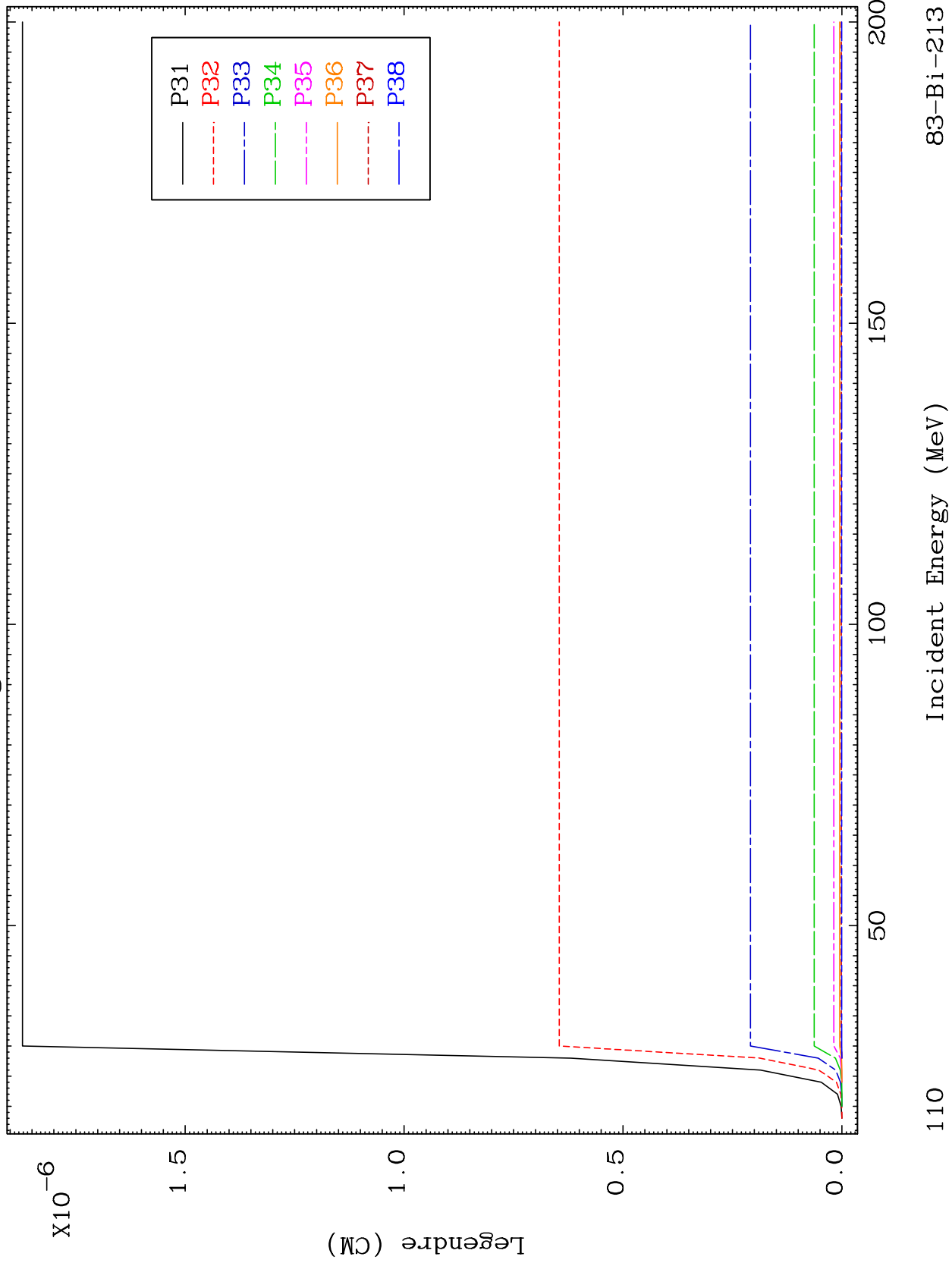
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

Incident Energy (MeV)

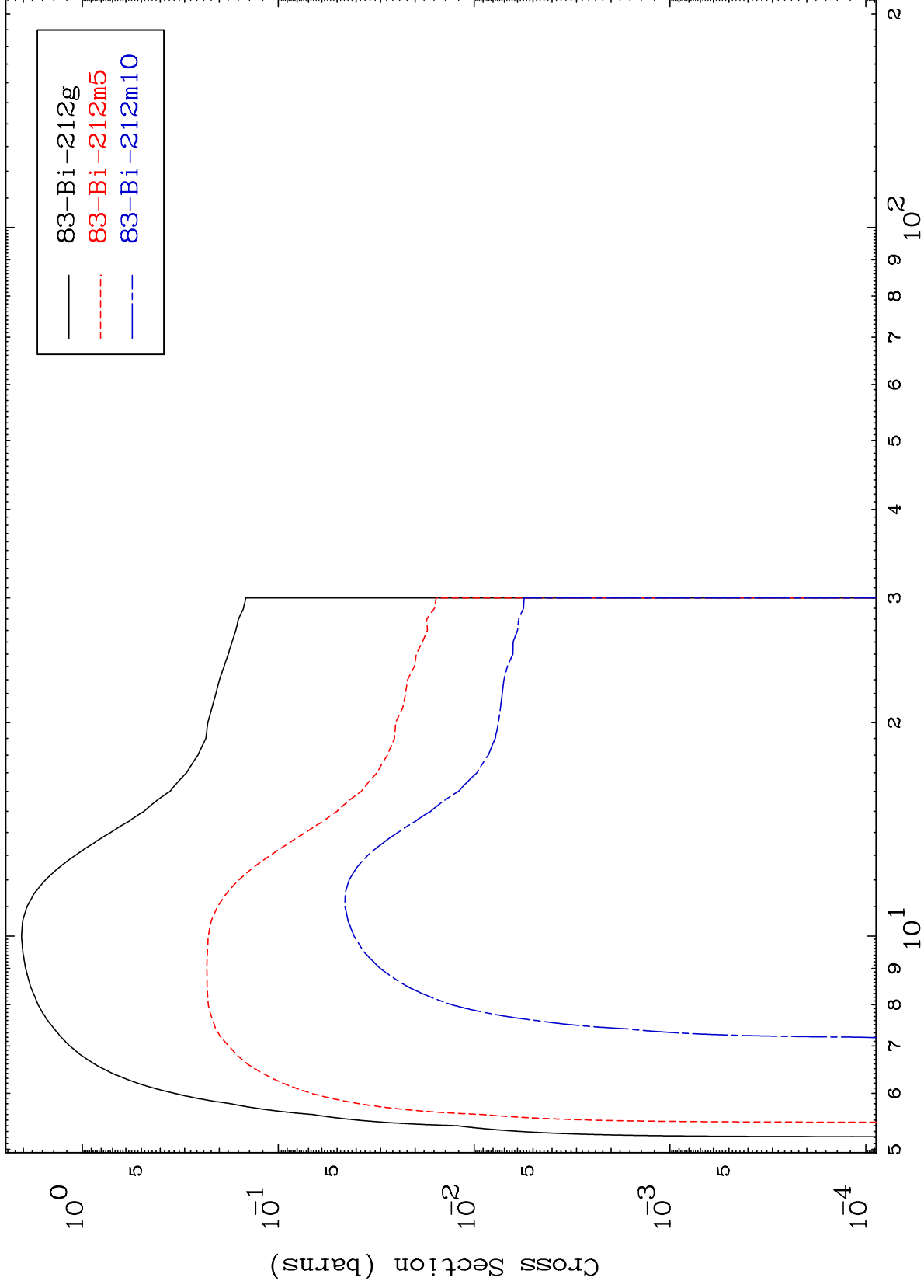
110

MAT 8337

(n,2n)

83-Bi-213

Radionuclide Production Cross Section



111

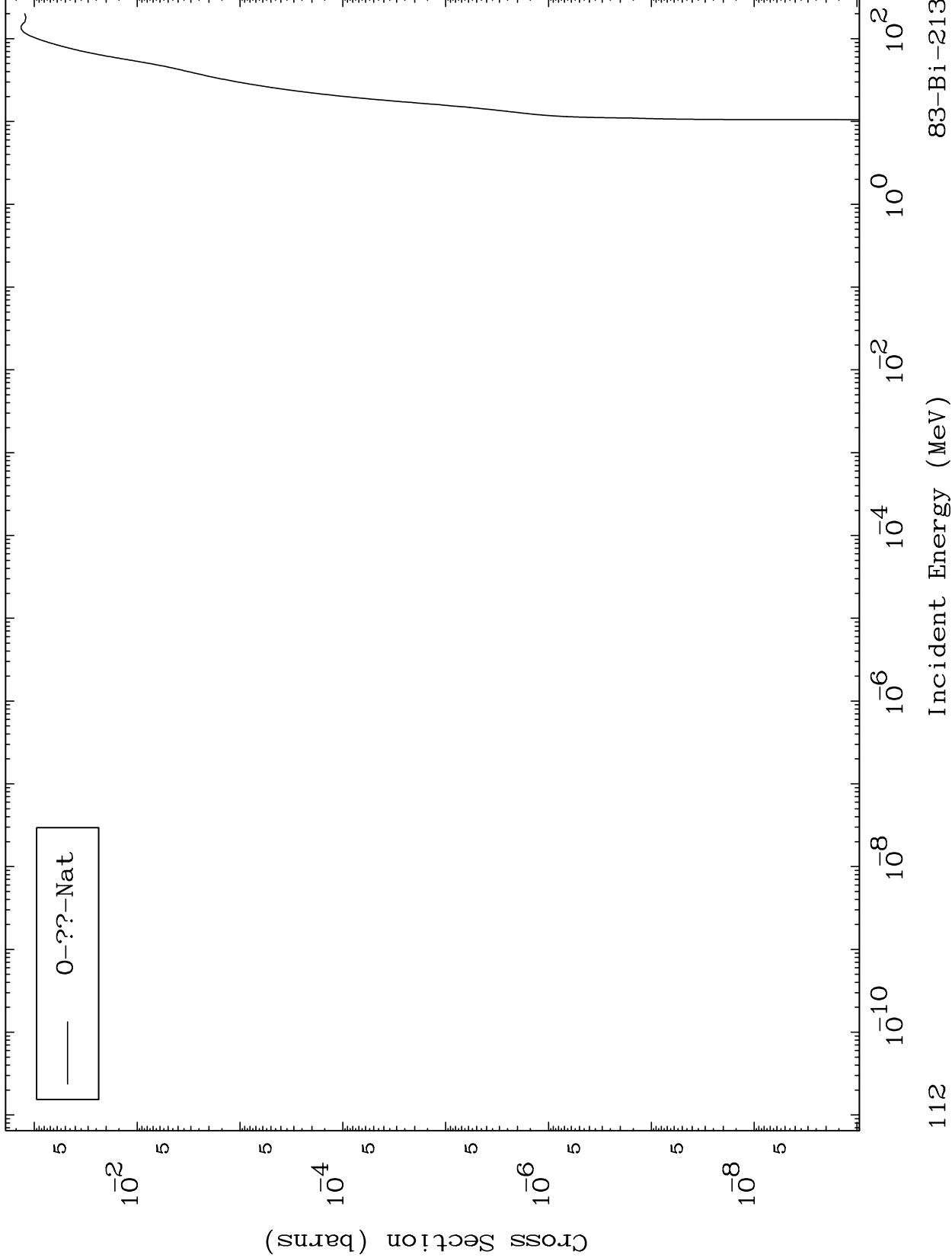
Incident Energy (MeV)

83-Bi-213

MAT 8337

Fission
Radionuclide Production Cross Section

83-Bi-213



112

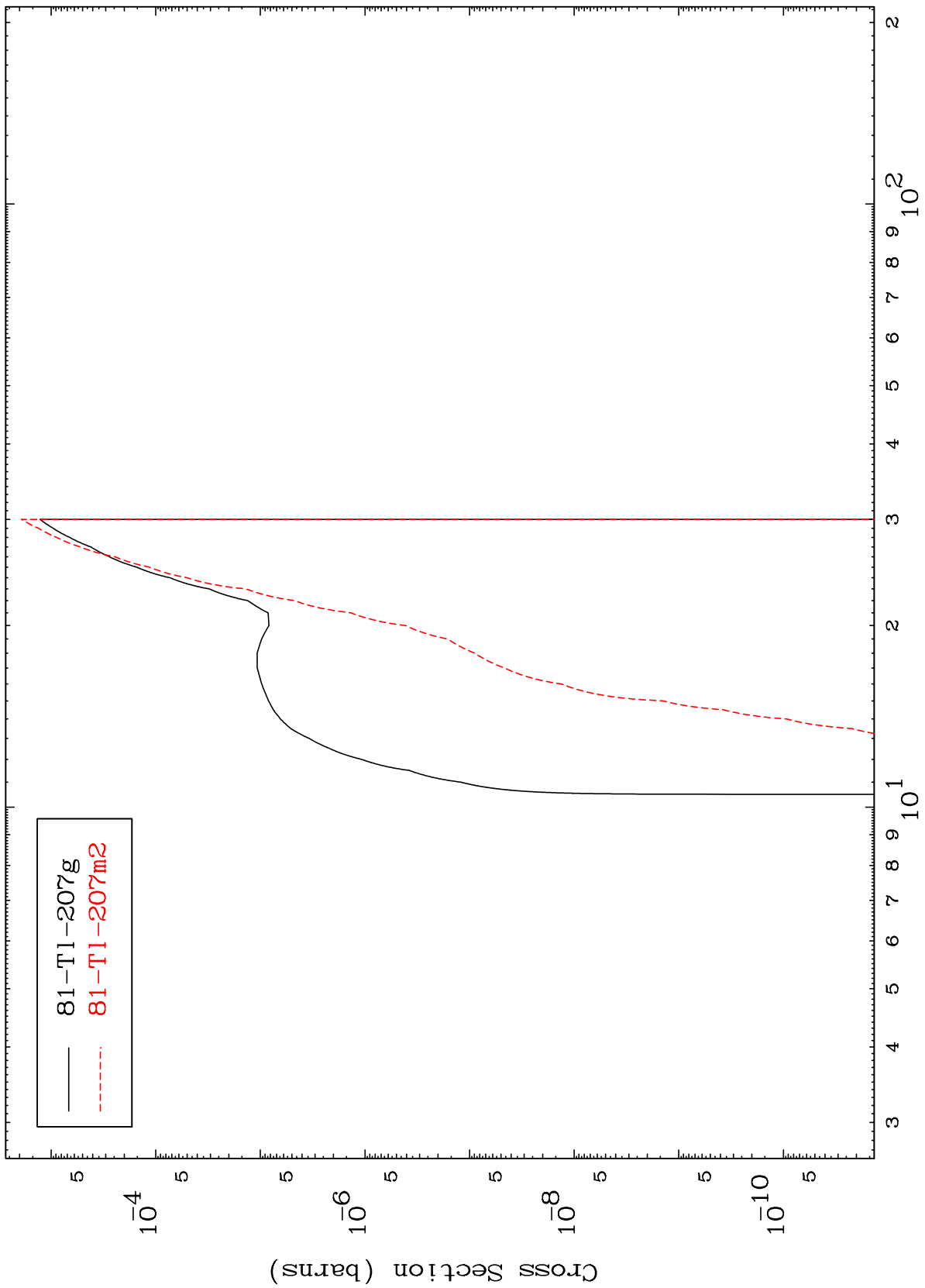
83-Bi-213

MAT 8337

$(n,3n) \alpha$

83-Bi-213

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2

113

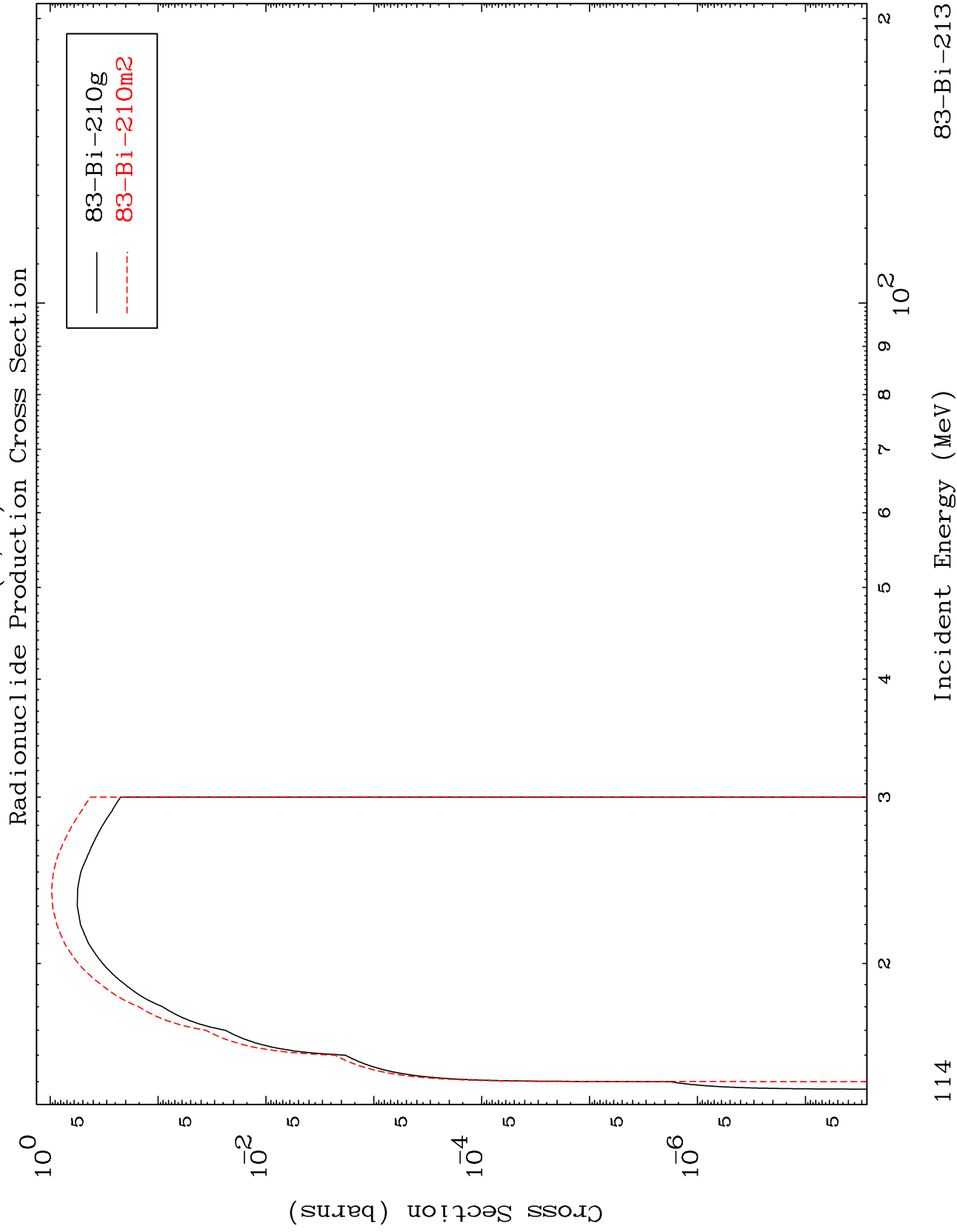
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,4n)

83-Bi-213



114

83-Bi-213