

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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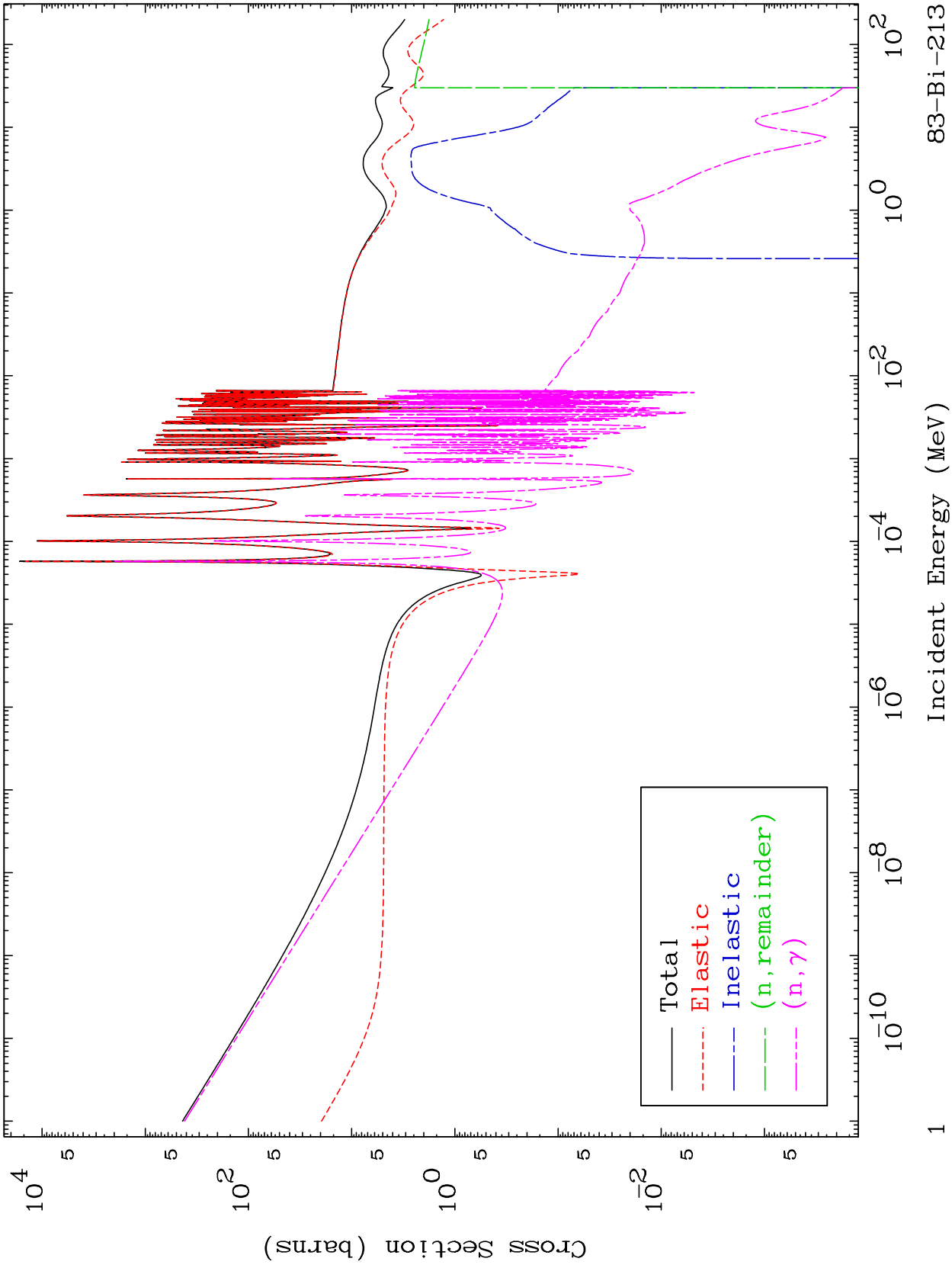
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8337

Major
293 Kelvin Cross Sections

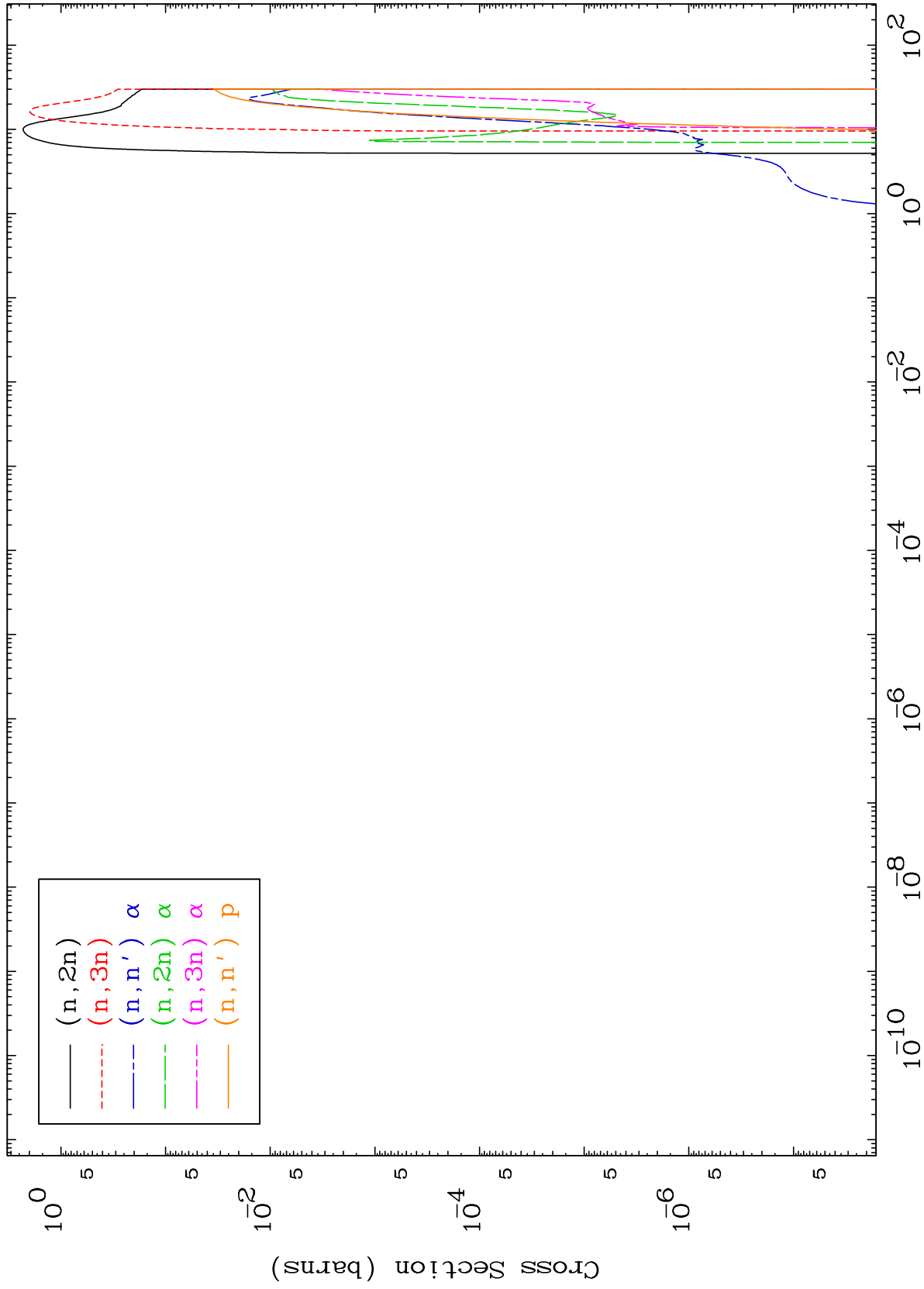
83-Bi-213



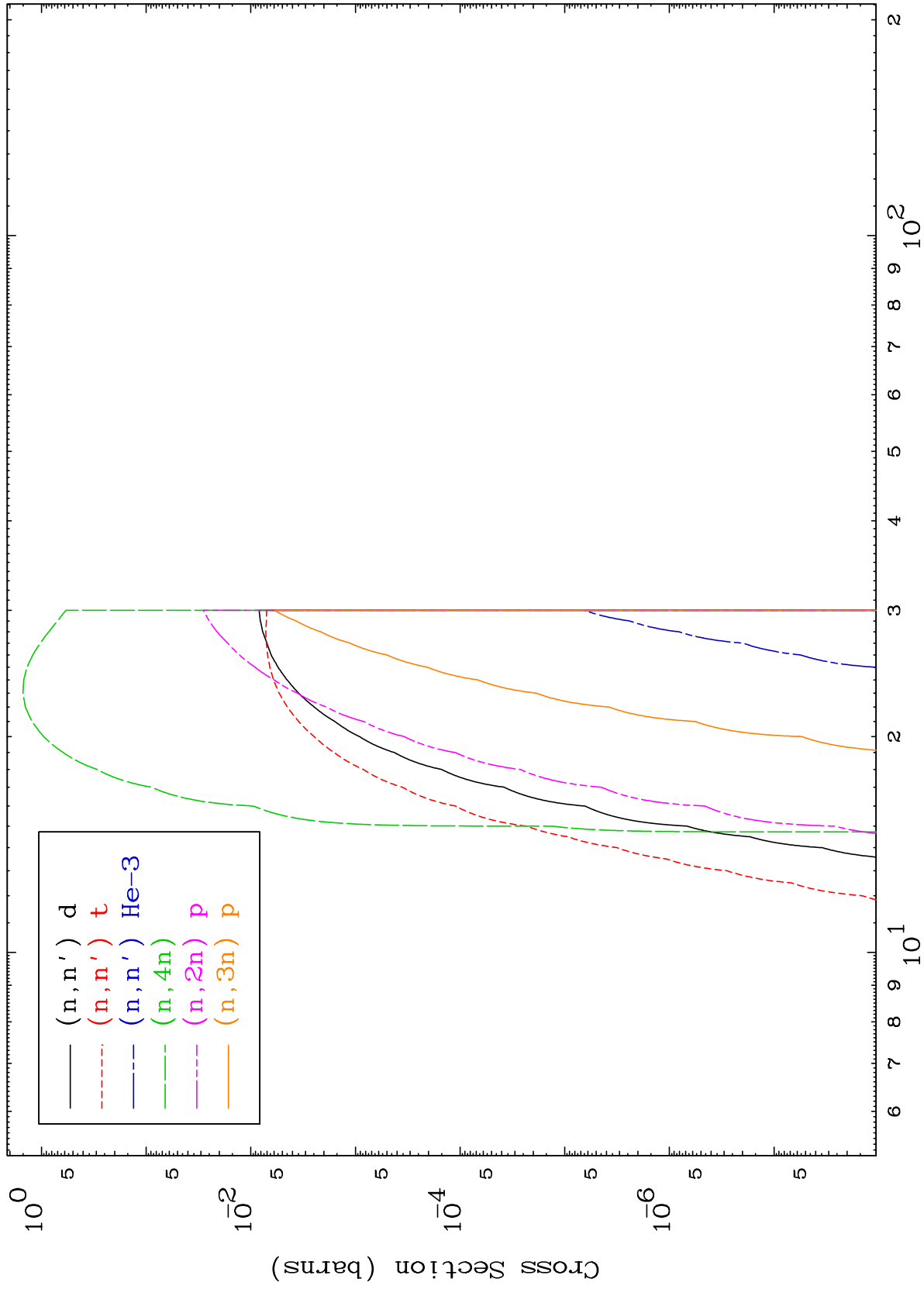
MAT 8337

Neutron Production
293 Kelvin Cross Sections

83-Bi-213



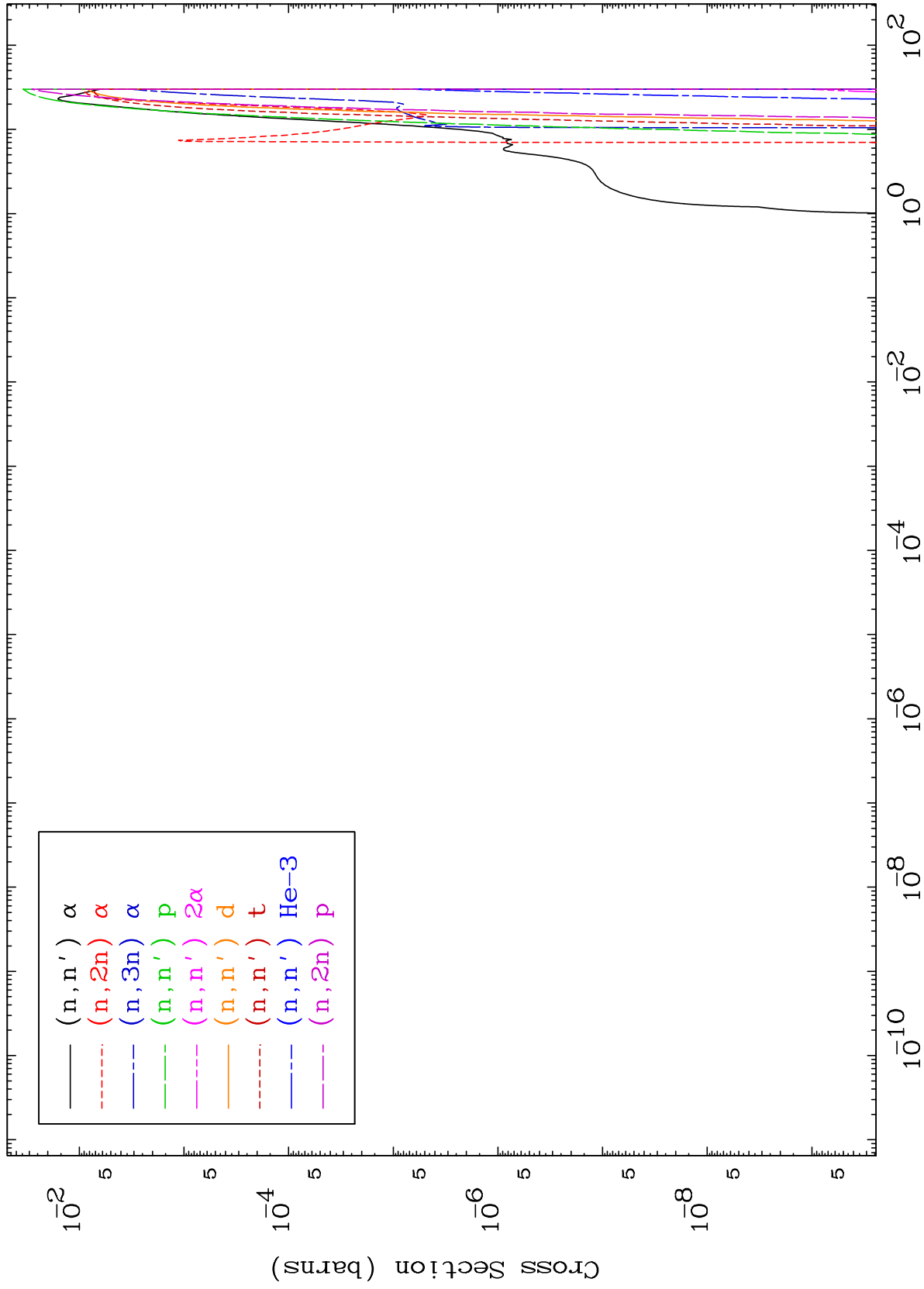
83-Bi-213



MAT 8337

Charged Particle
293 Kelvin Cross Sections

83-Bi-213

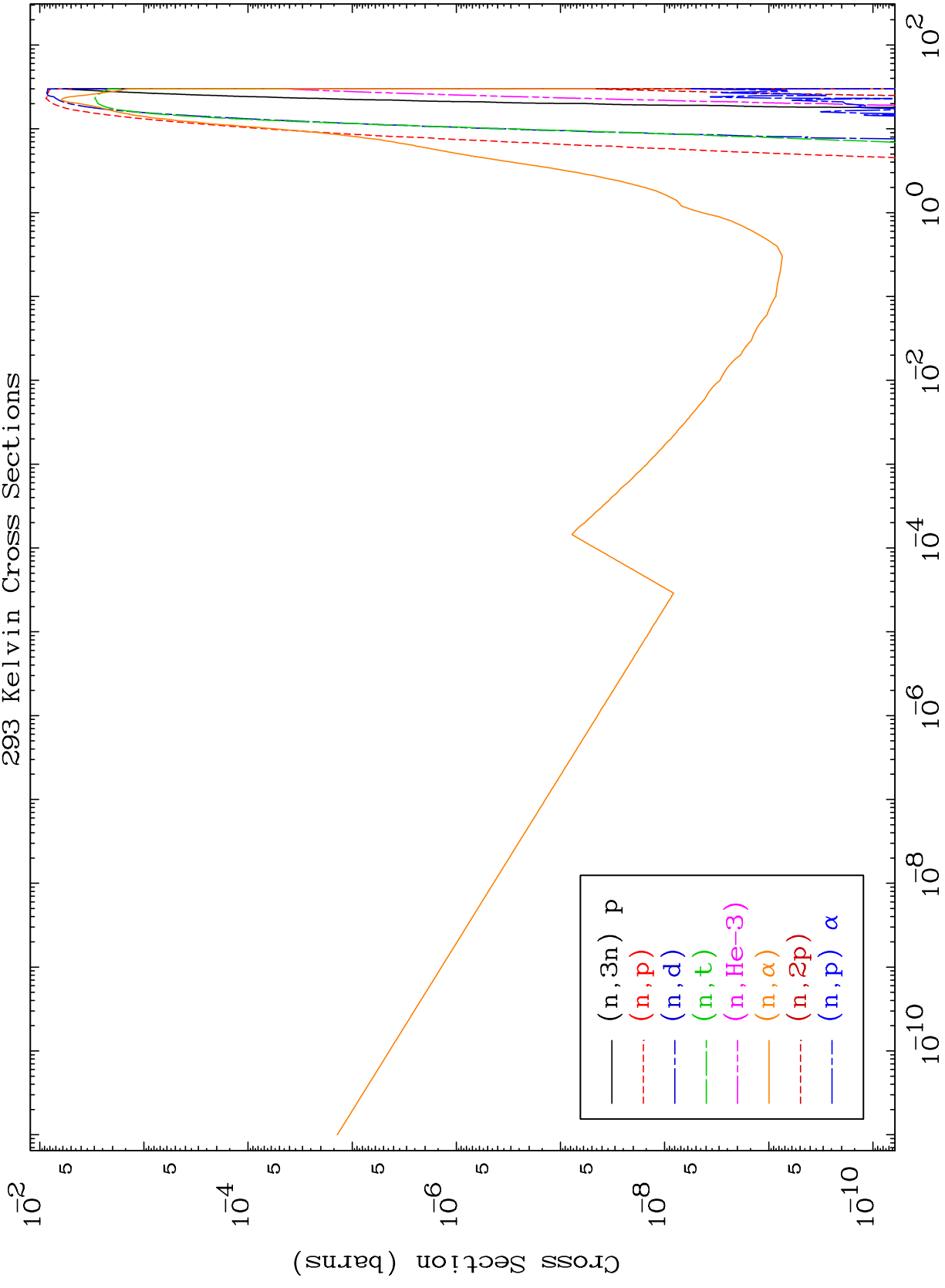


83-Bi-213

MAT 8337

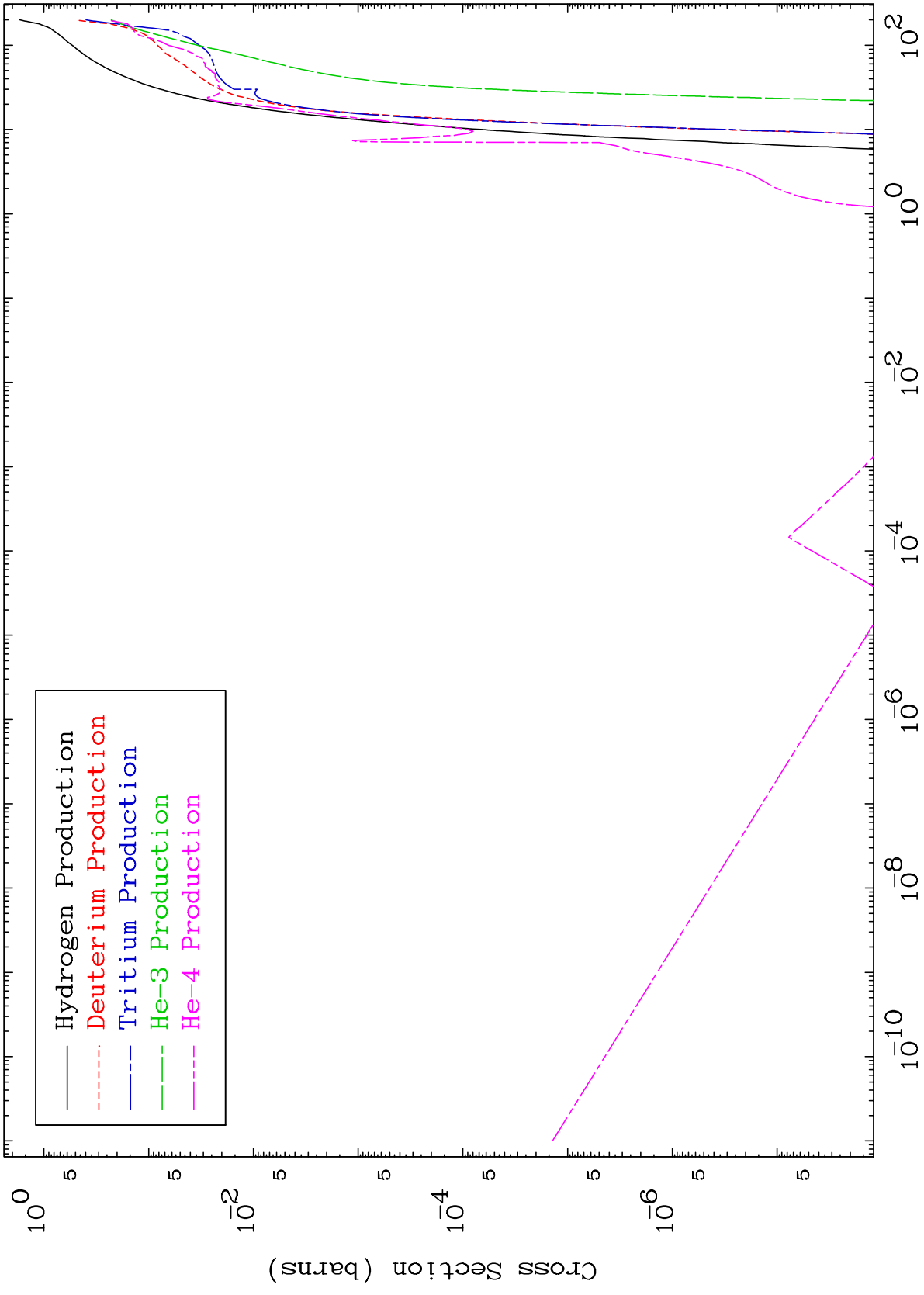
Charged Particle
293 Kelvin Cross Sections

83-Bi-213



83-Bi-213

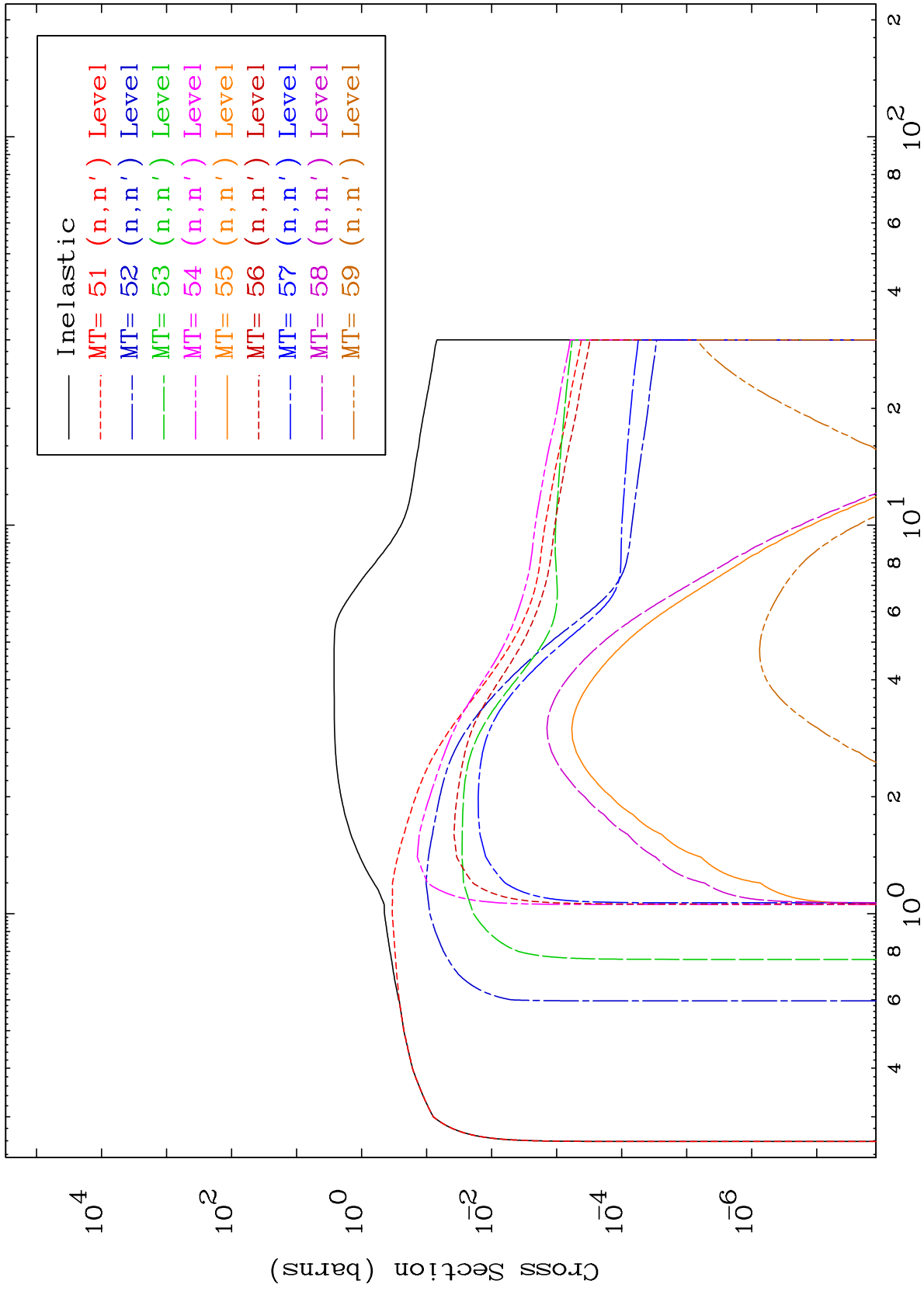
Incident Energy (MeV)



MAT 8337

(n,n') Level
293 Kelvin Cross Sections

83-Bi-213



7

Incident Energy (MeV)

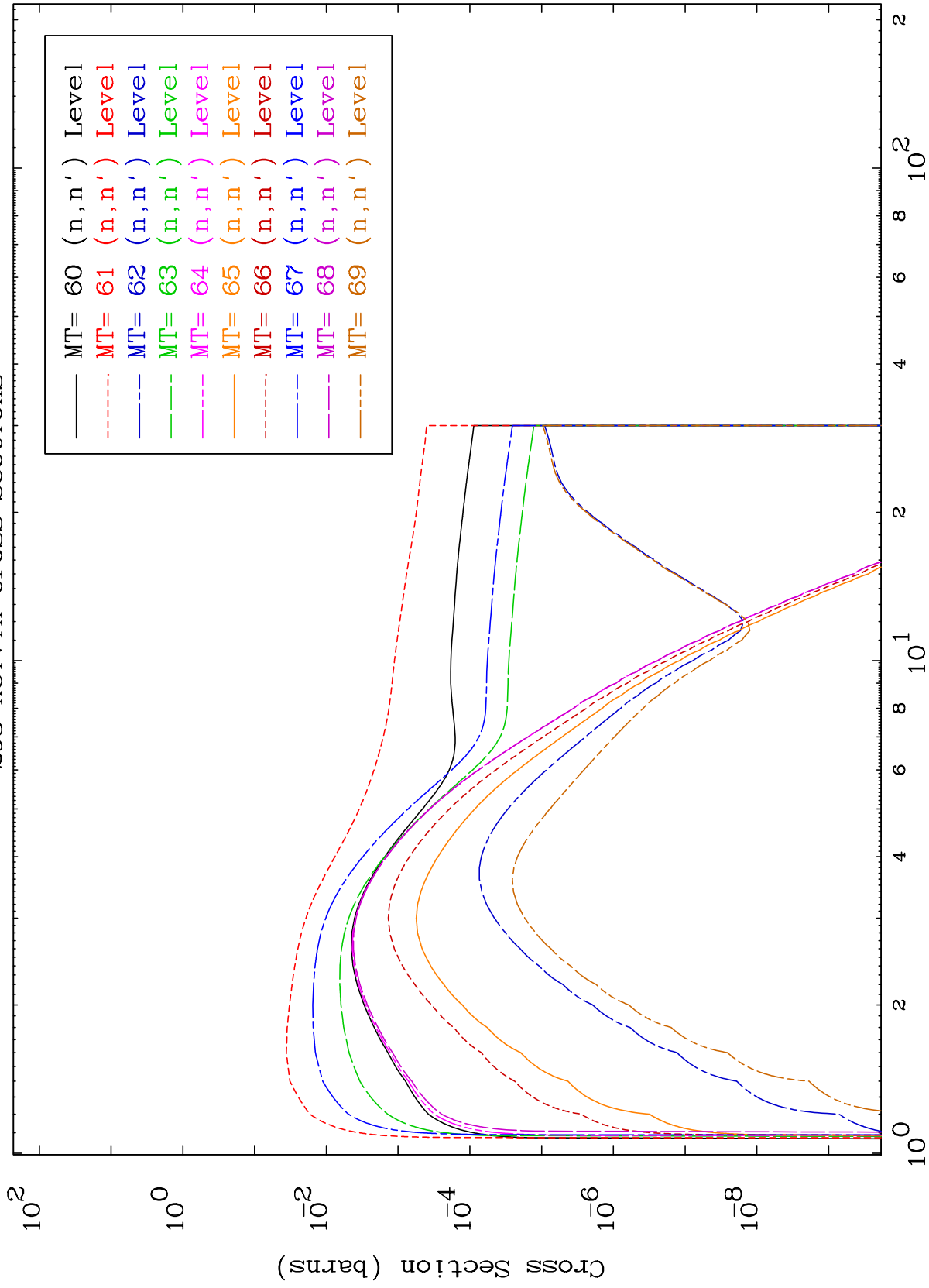
83-Bi-213

MAT 8337

(n,n') Level

83-Bi-213

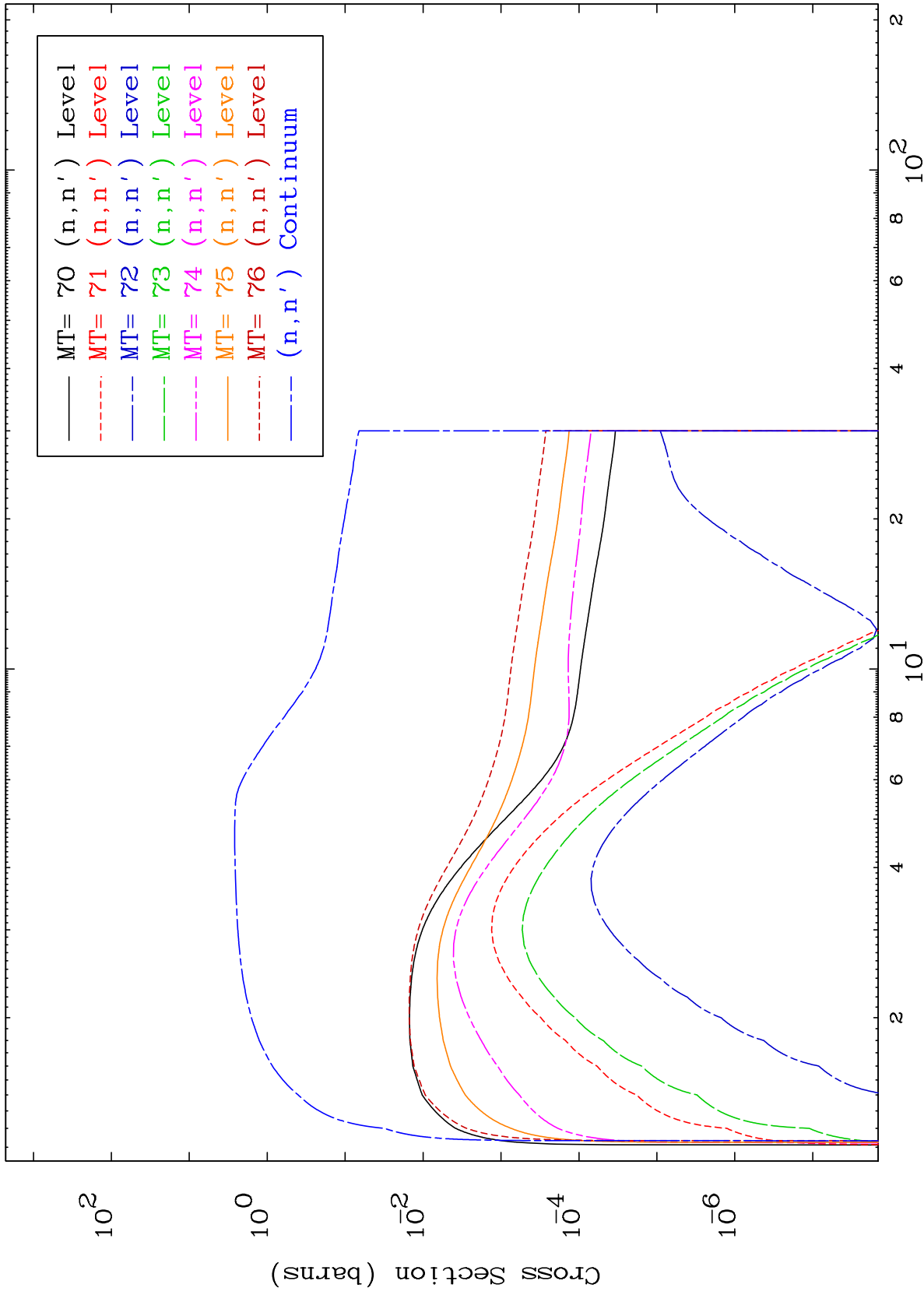
293 Kelvin Cross Sections



8

Incident Energy (MeV)

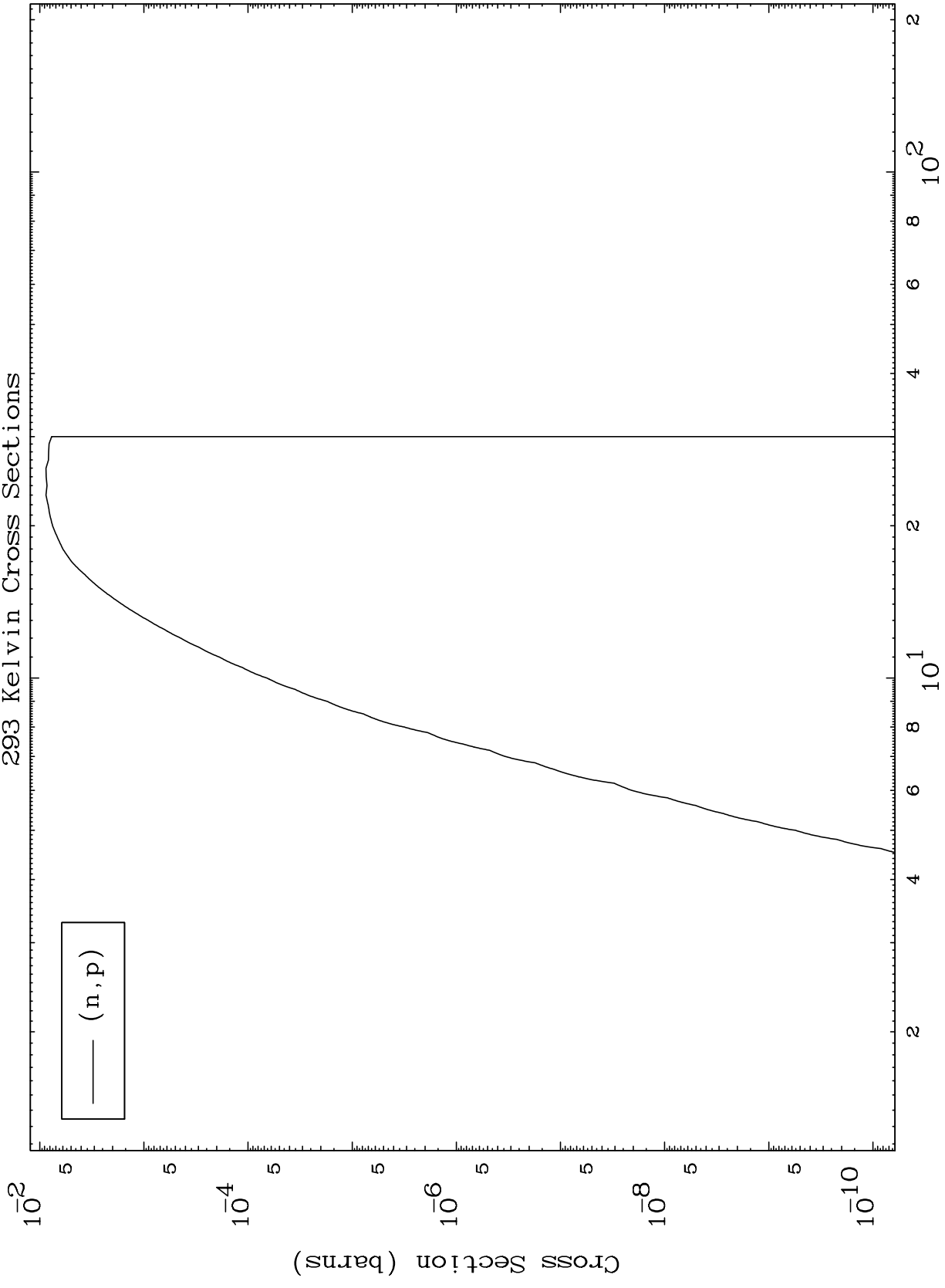
83-Bi-213



MAT 8337

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-213



10

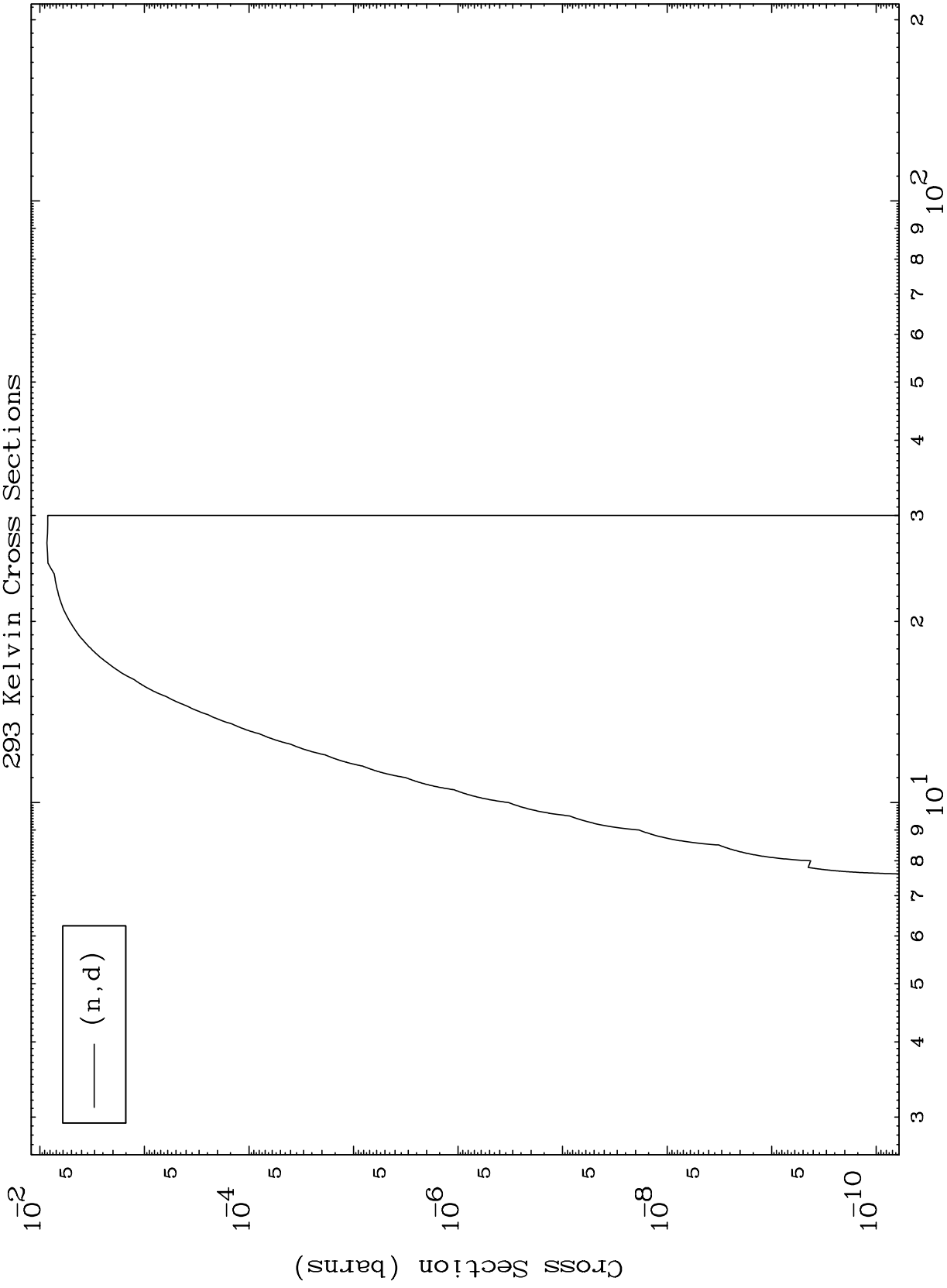
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-213



11

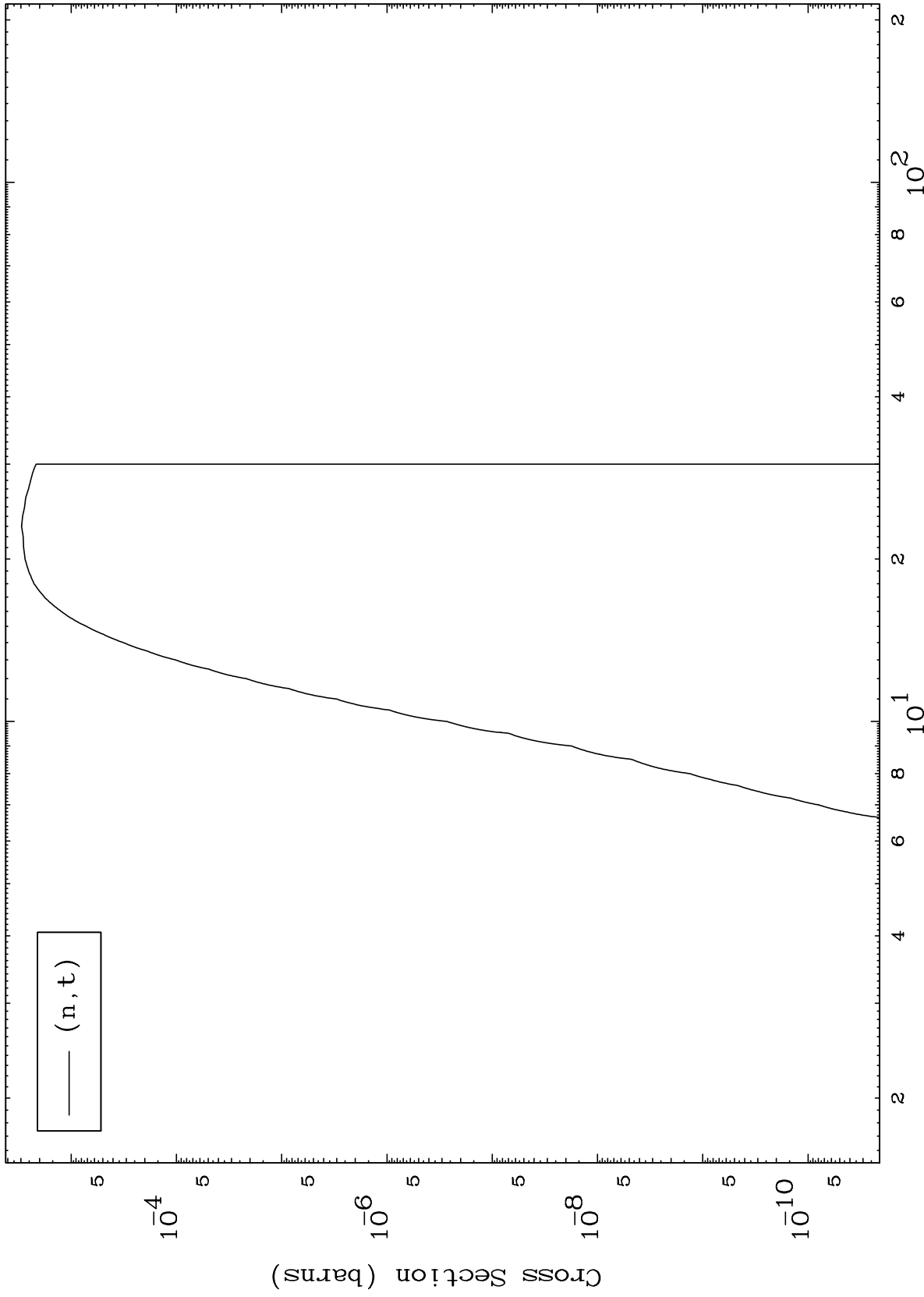
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-213



12

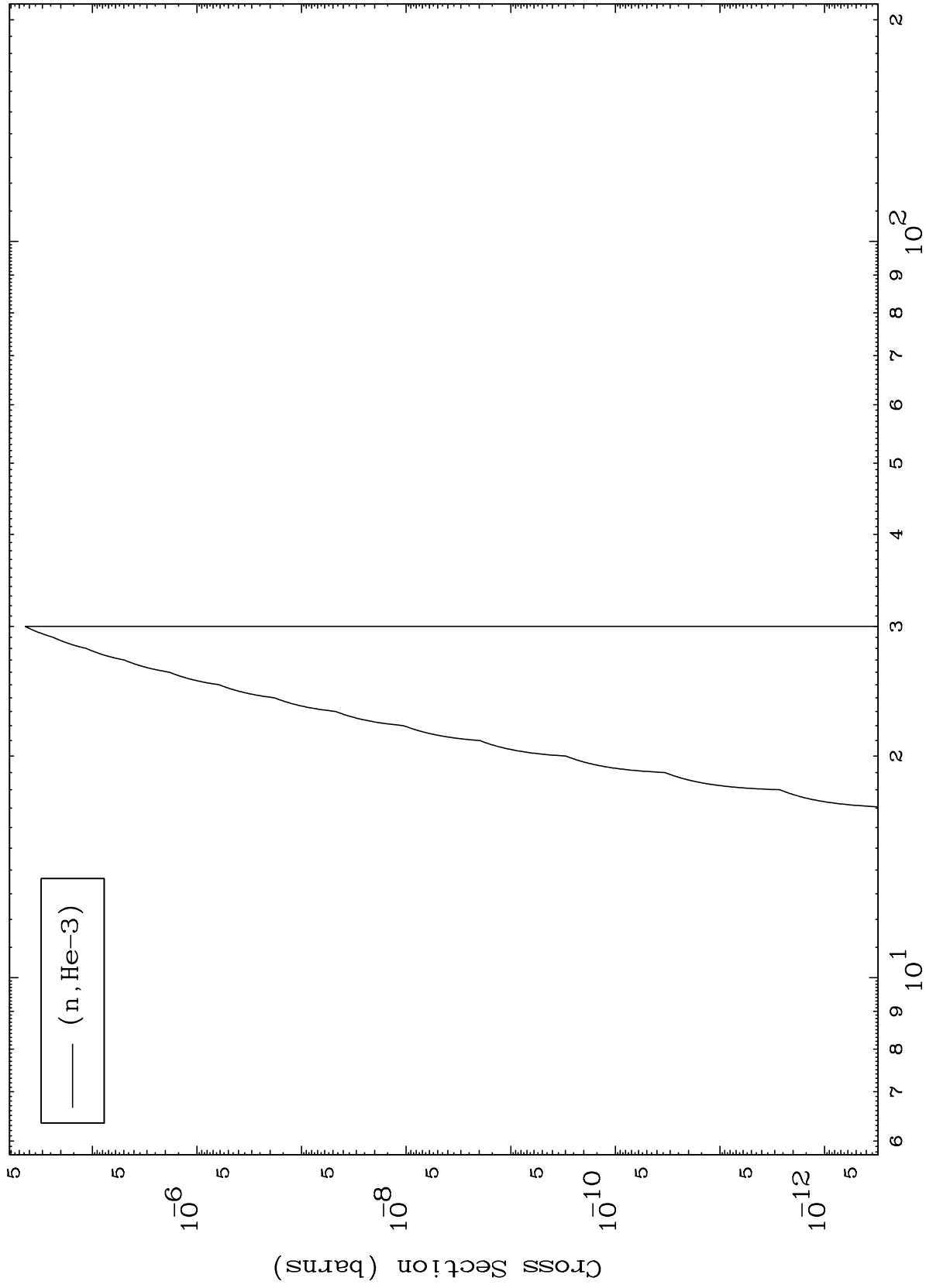
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-213



13

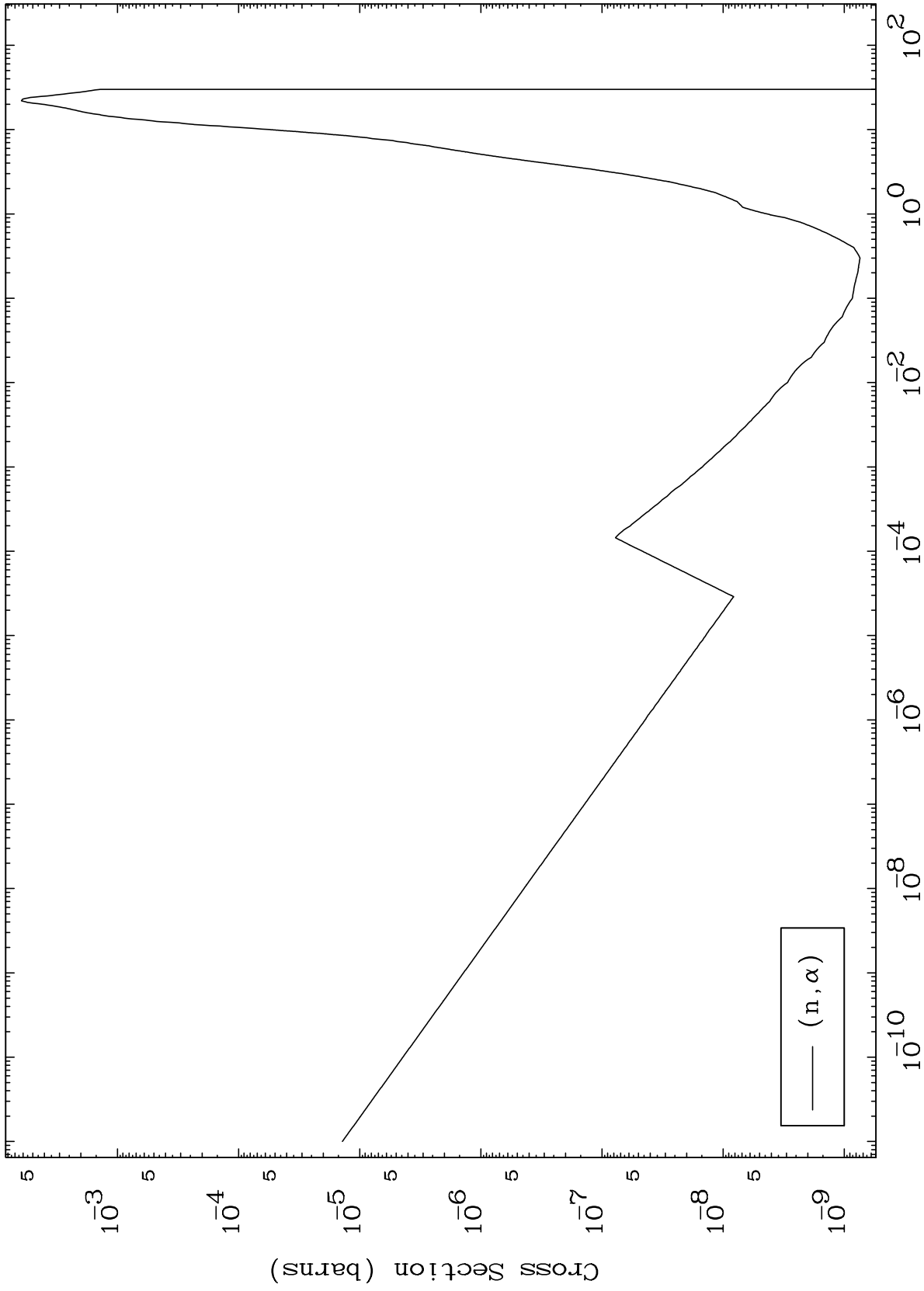
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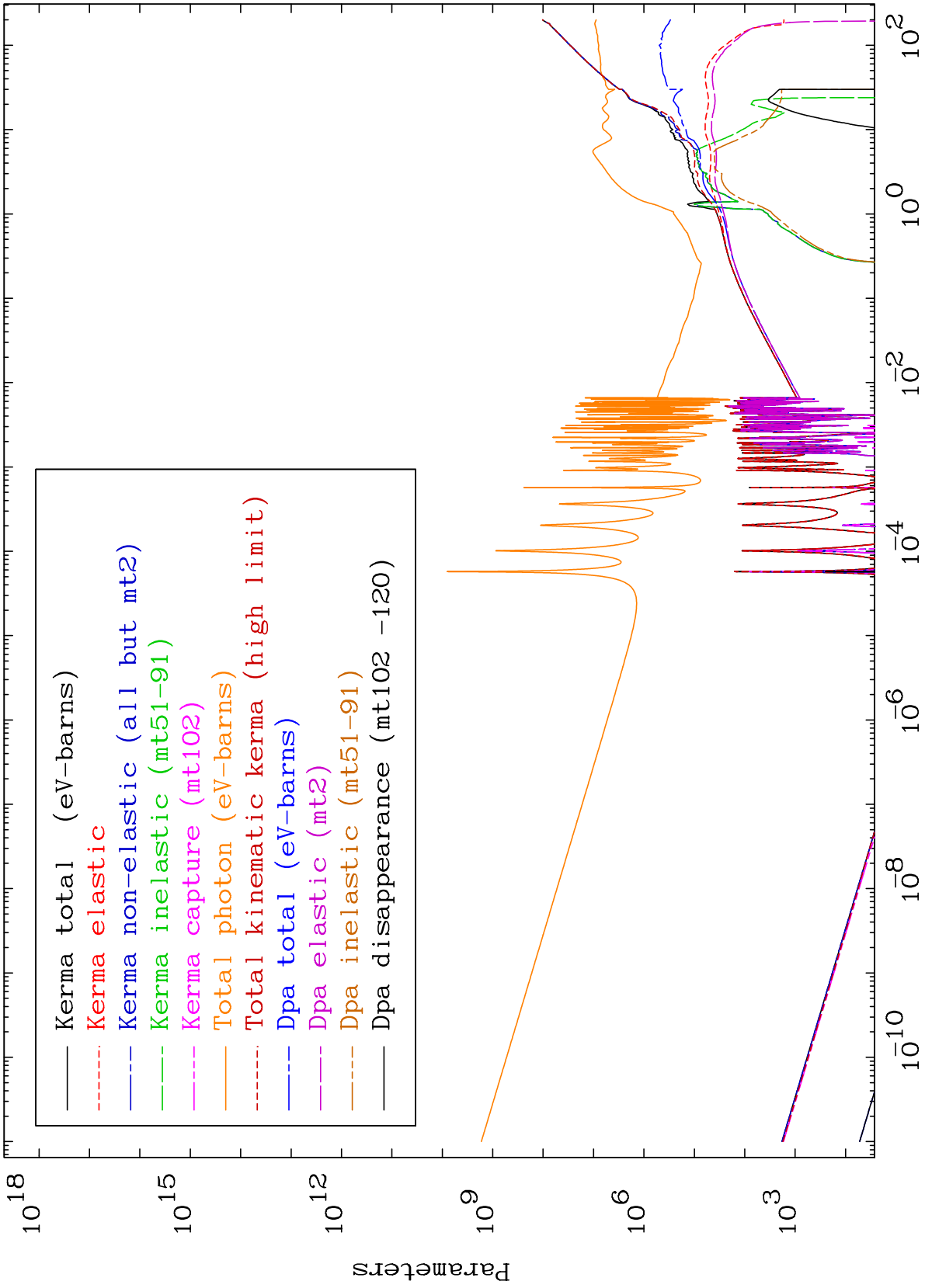
83-Bi-213

MAT 8337

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-213

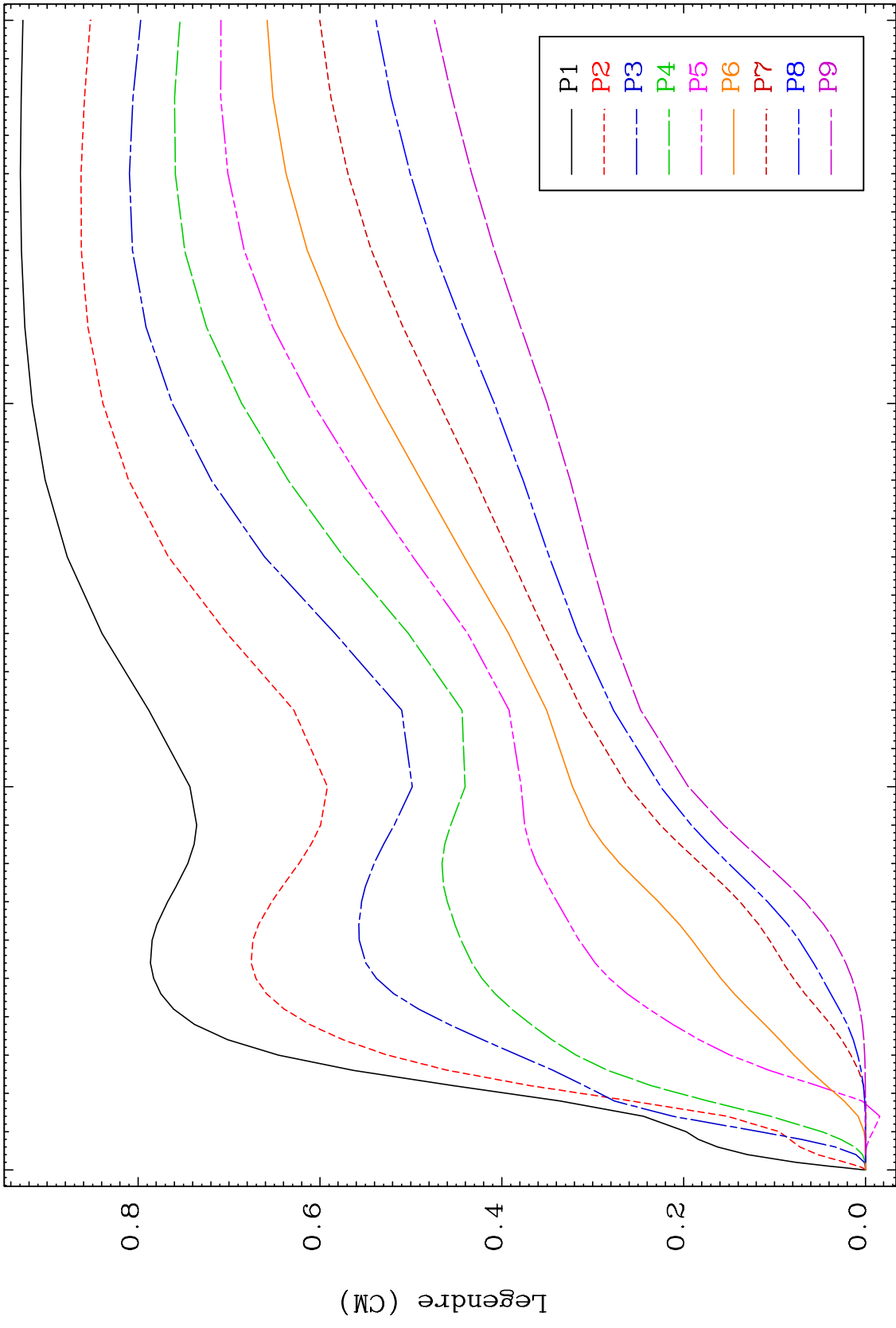




MAT 8337

83-Bi-213

Elastic Legendre Coefficients



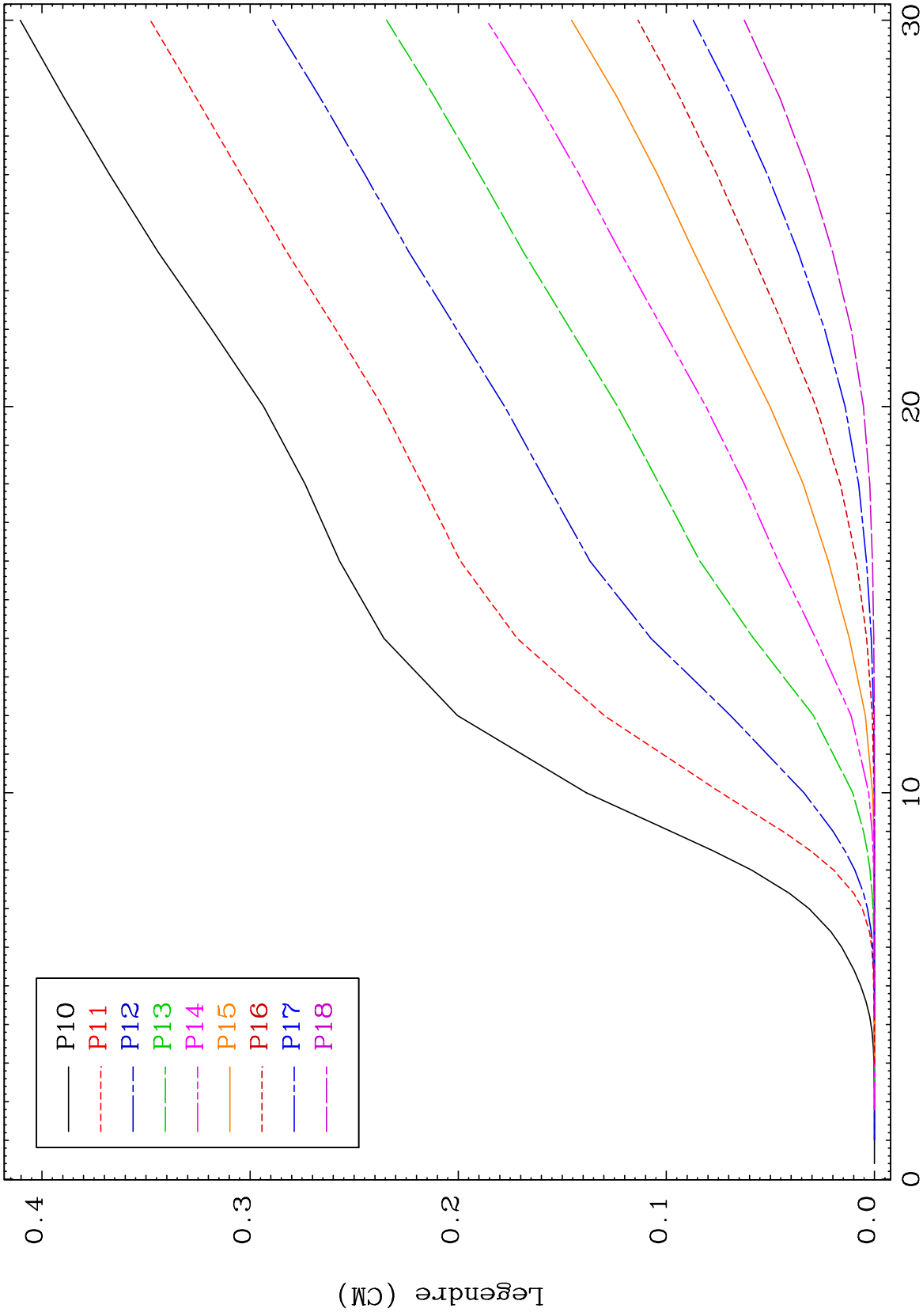
16

83-Bi-213

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



17

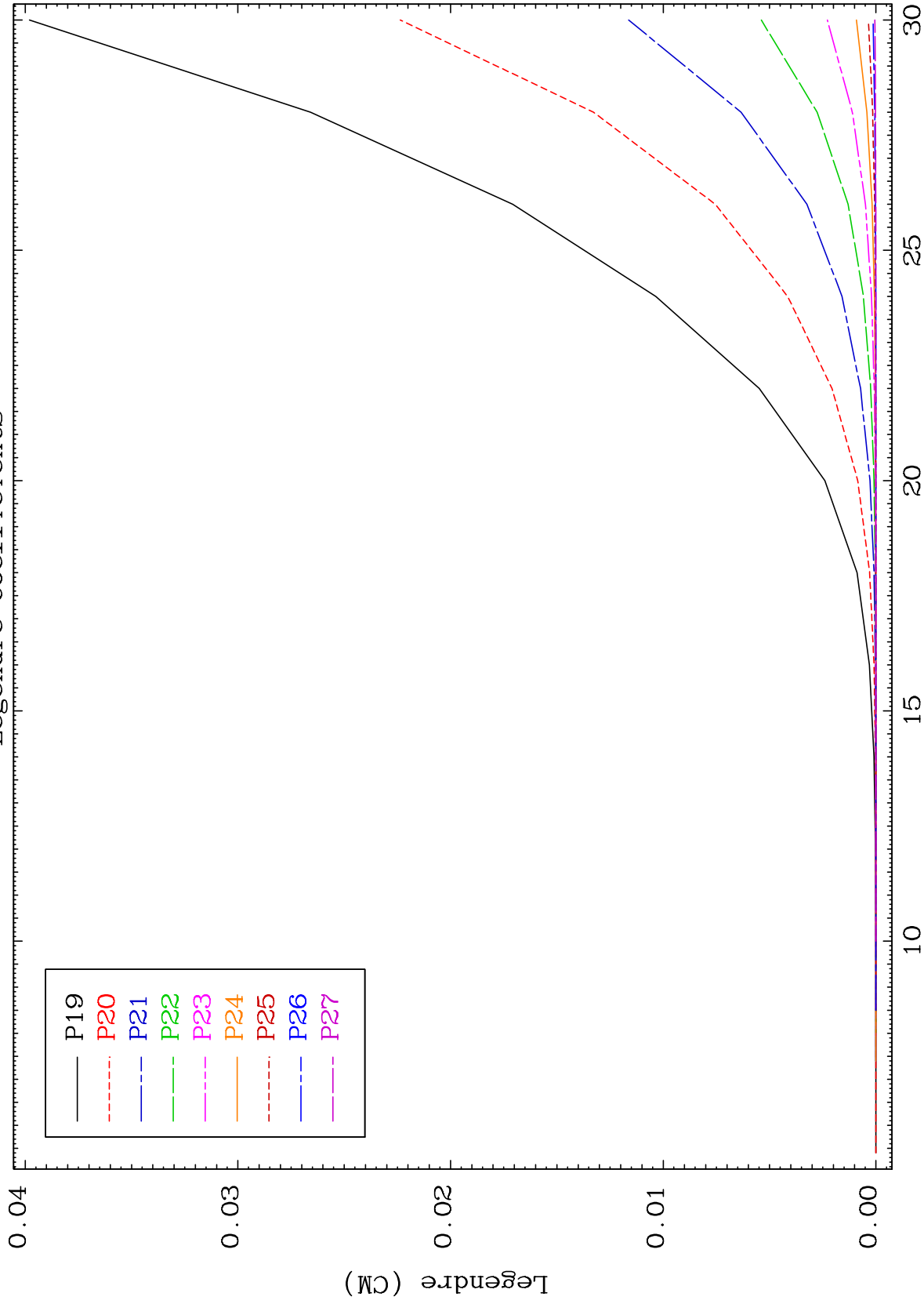
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



18

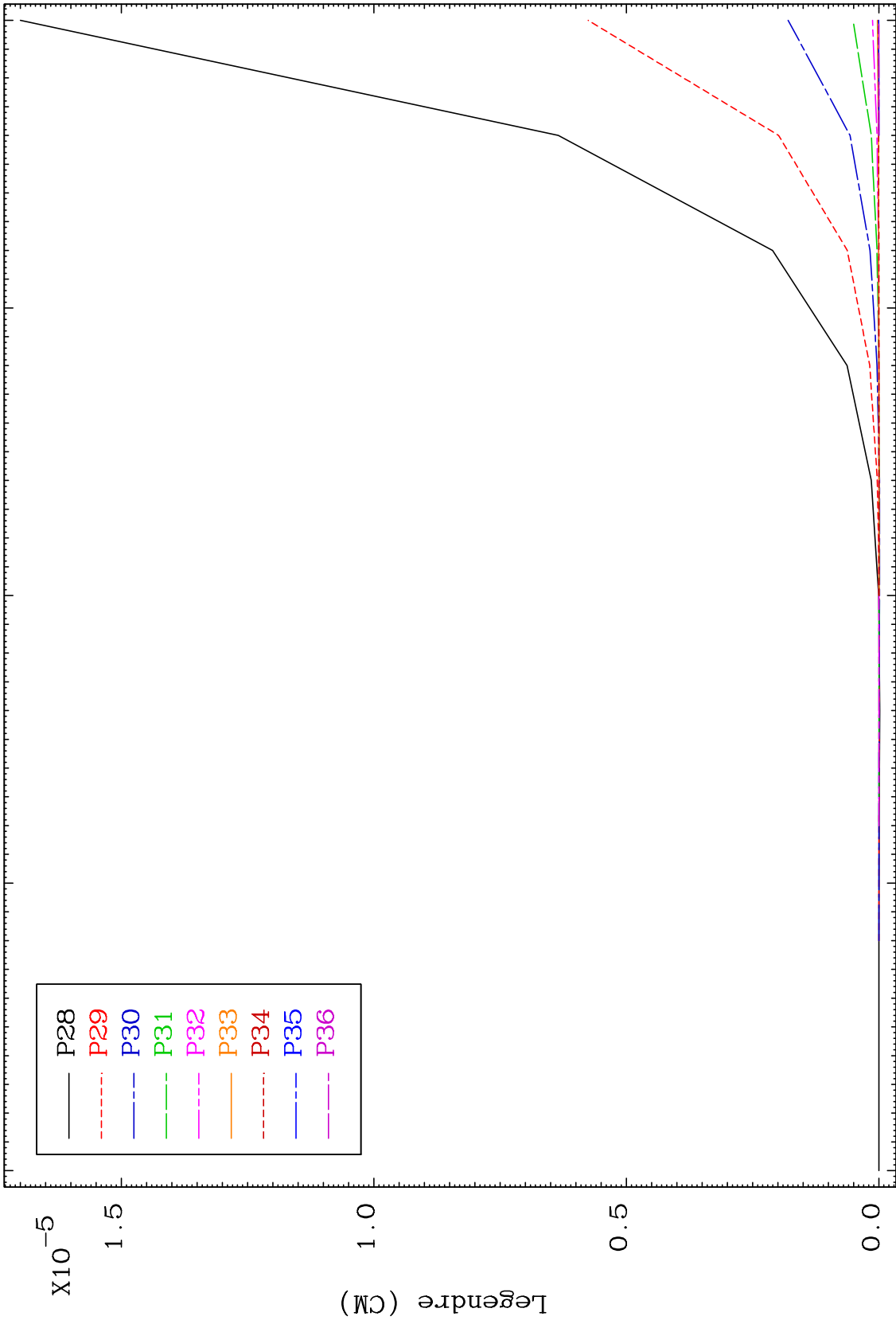
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



19

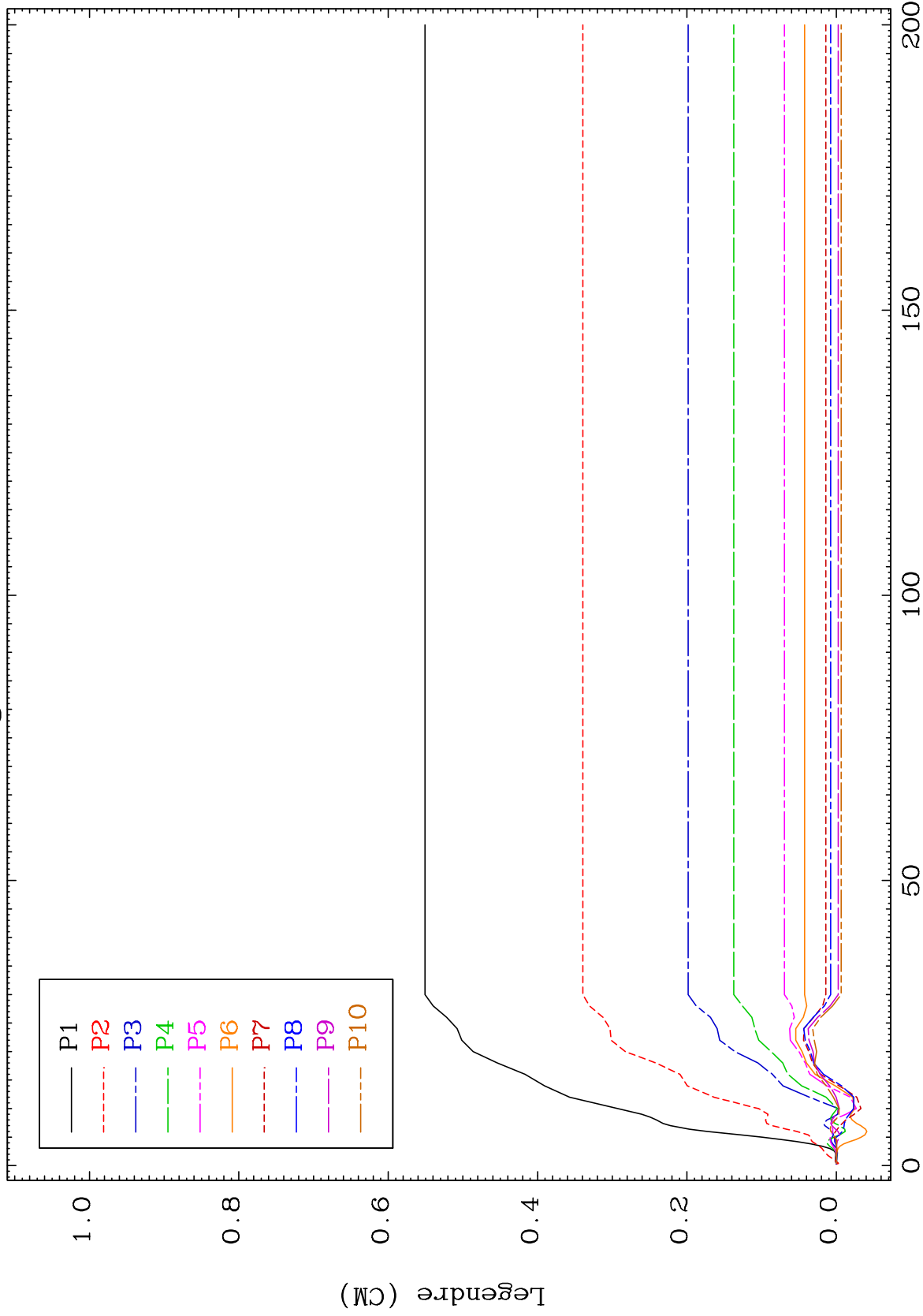
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

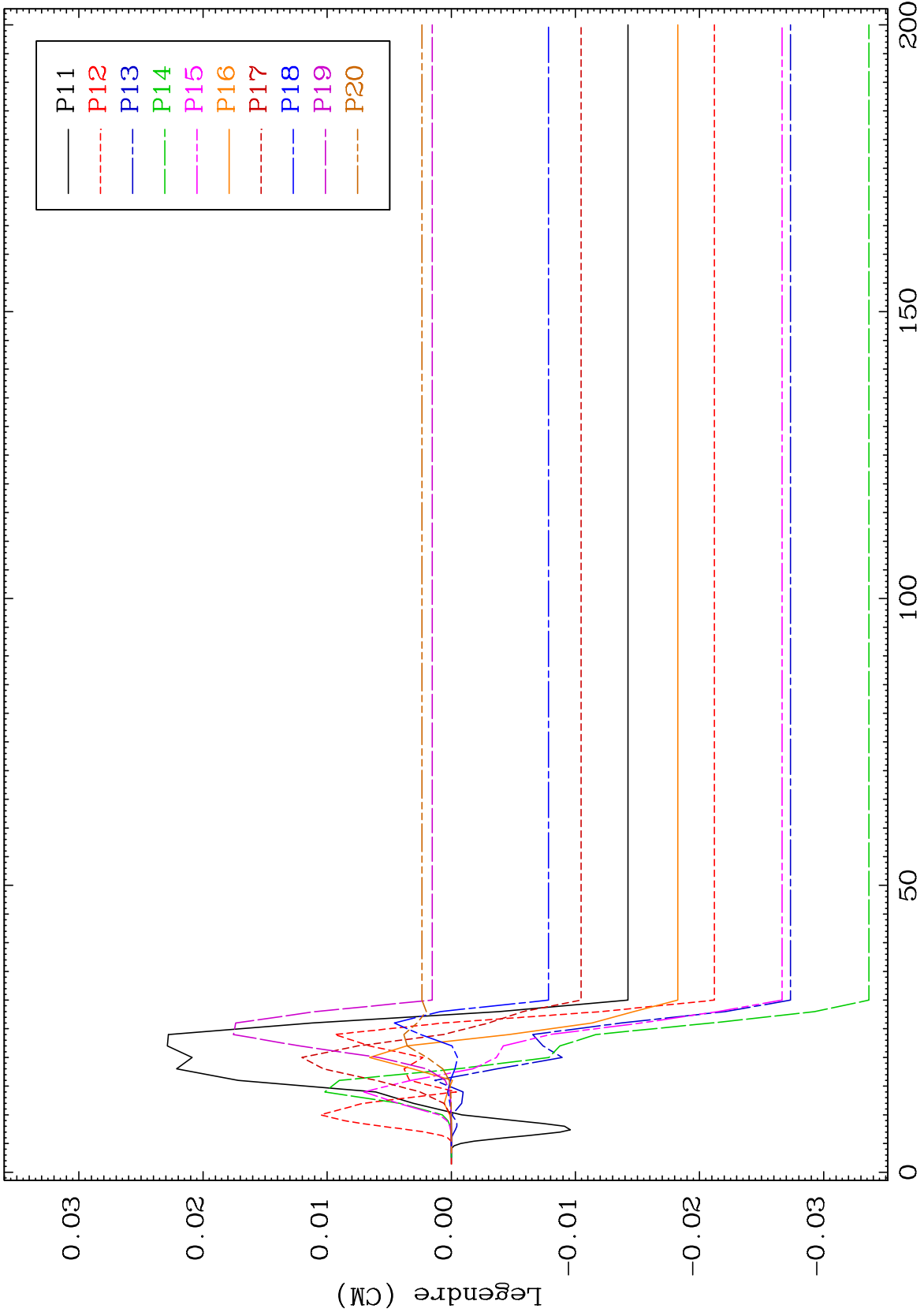
Incident Energy (MeV)

20

MAT 8337

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

83-Bi-213



21

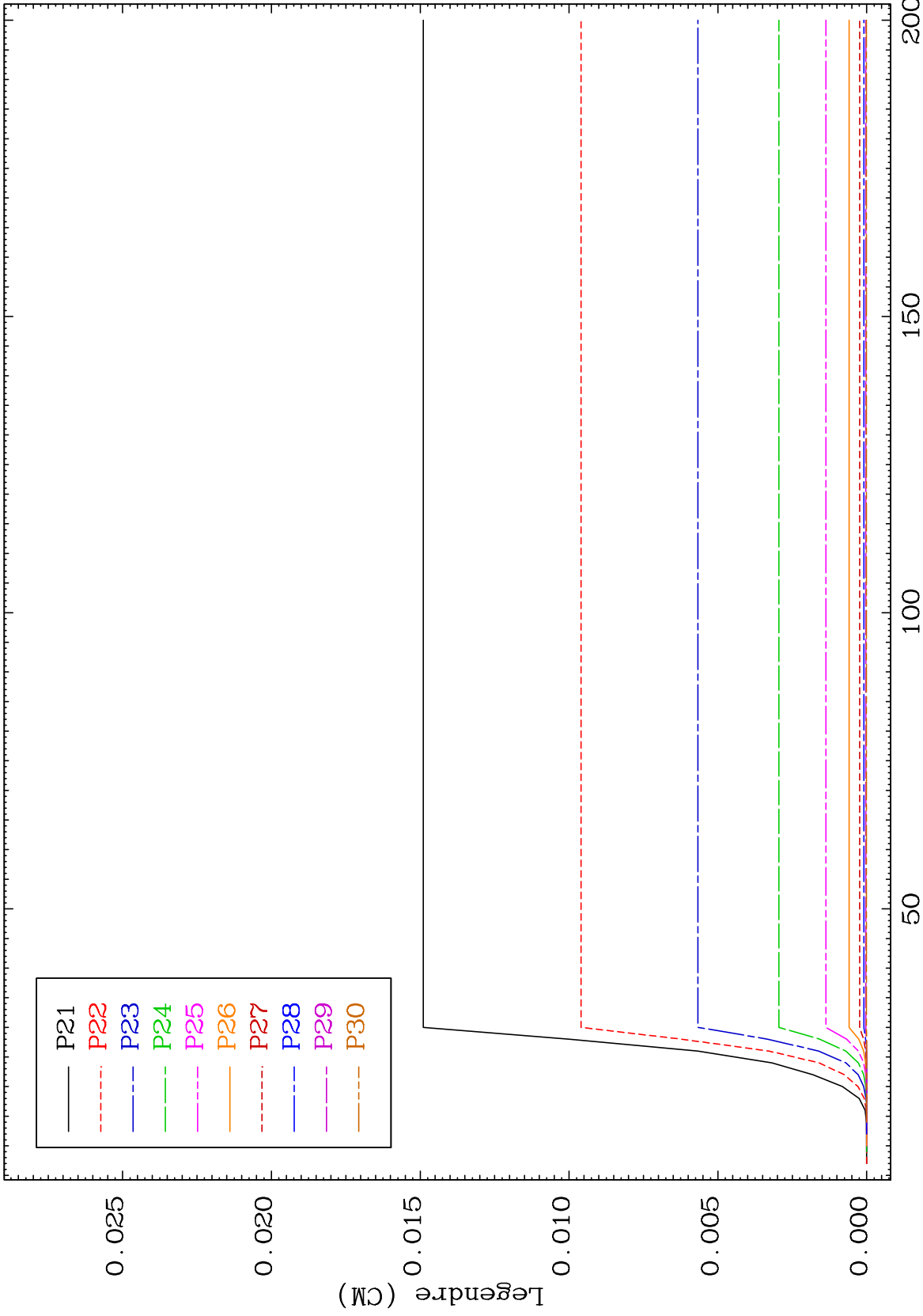
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



22

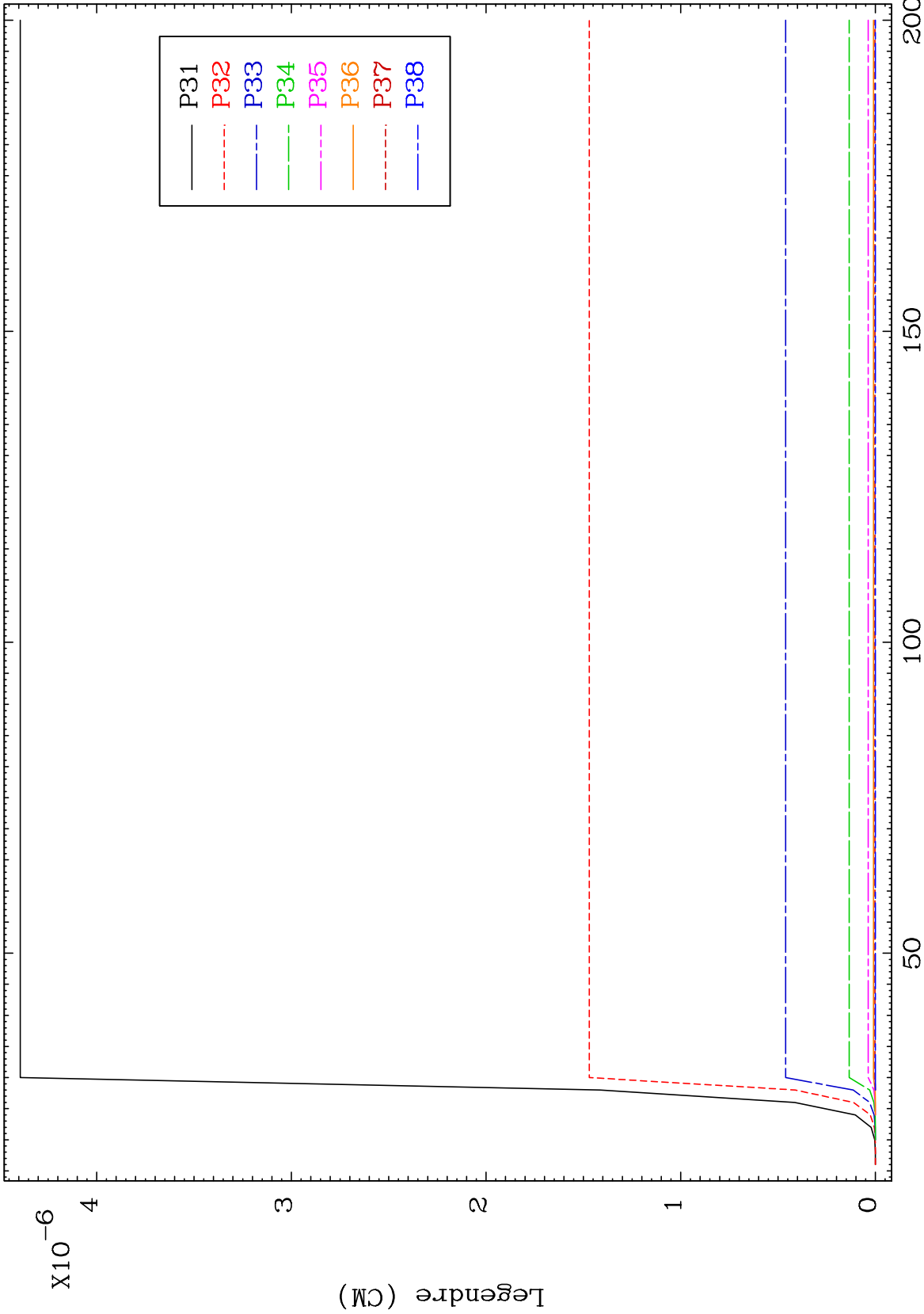
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



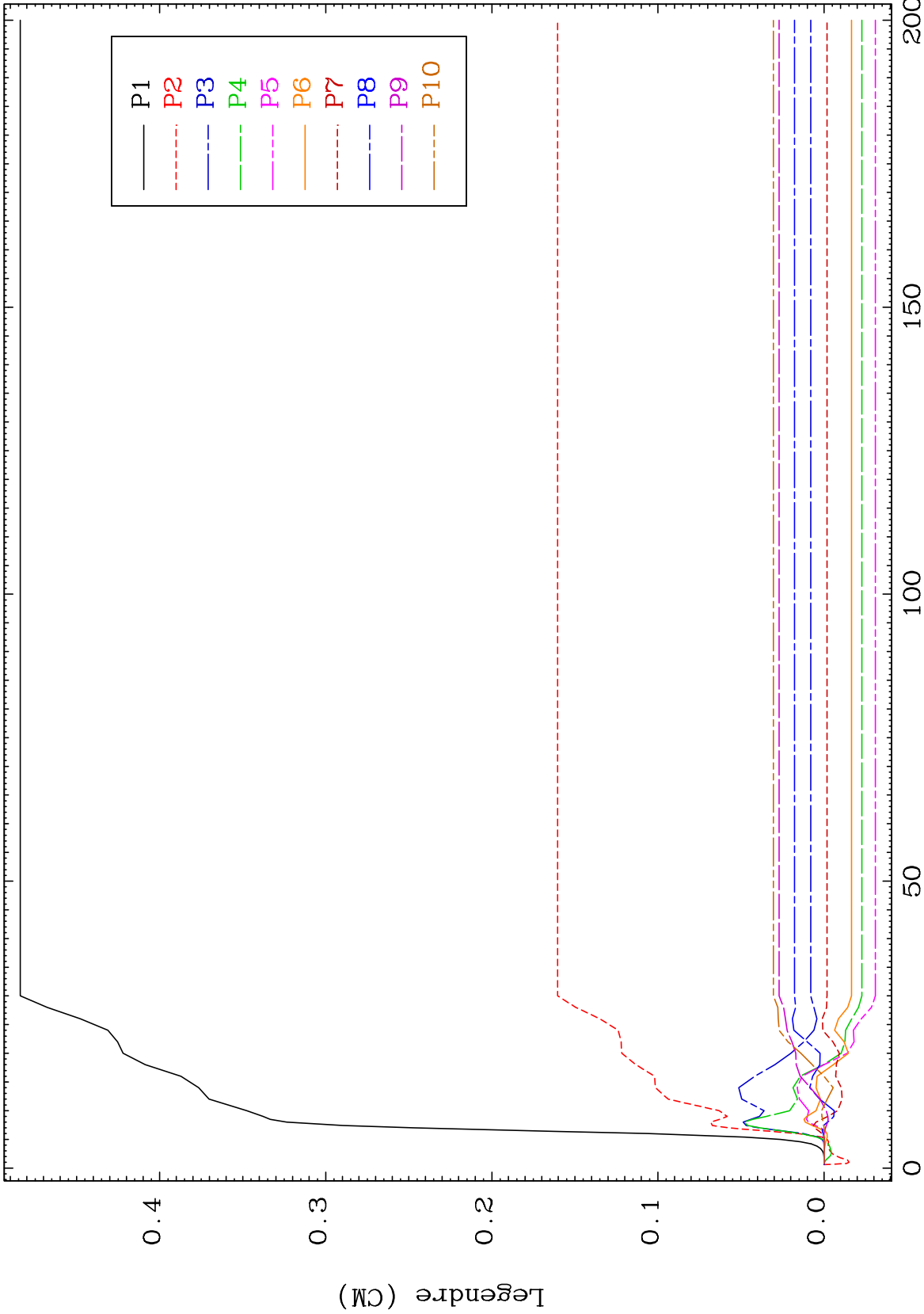
23

83-Bi-213

MAT 8337

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

83-Bi-213



24

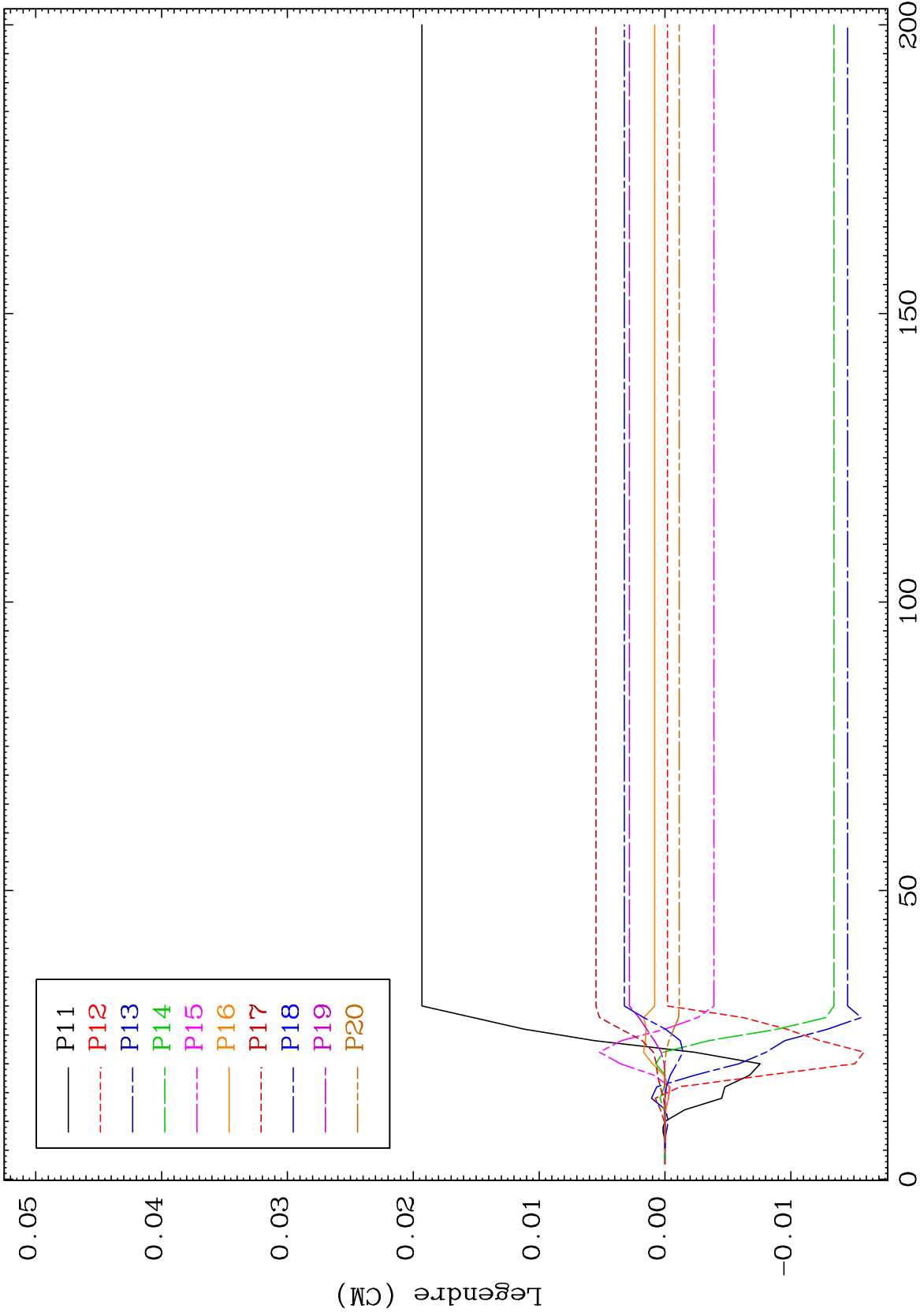
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



25

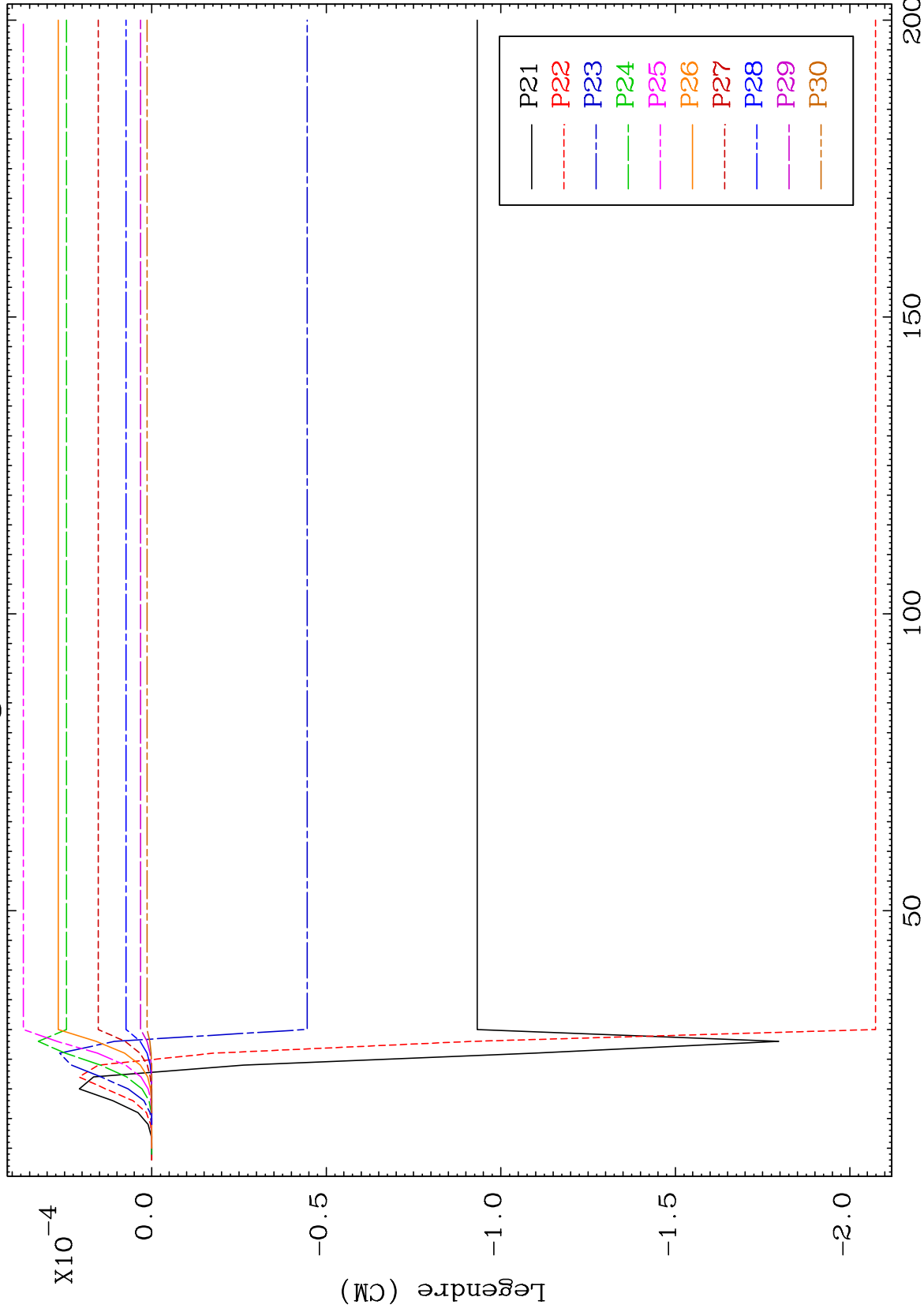
Incident Energy (MeV)

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MAT 8337

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

83-Bi-213



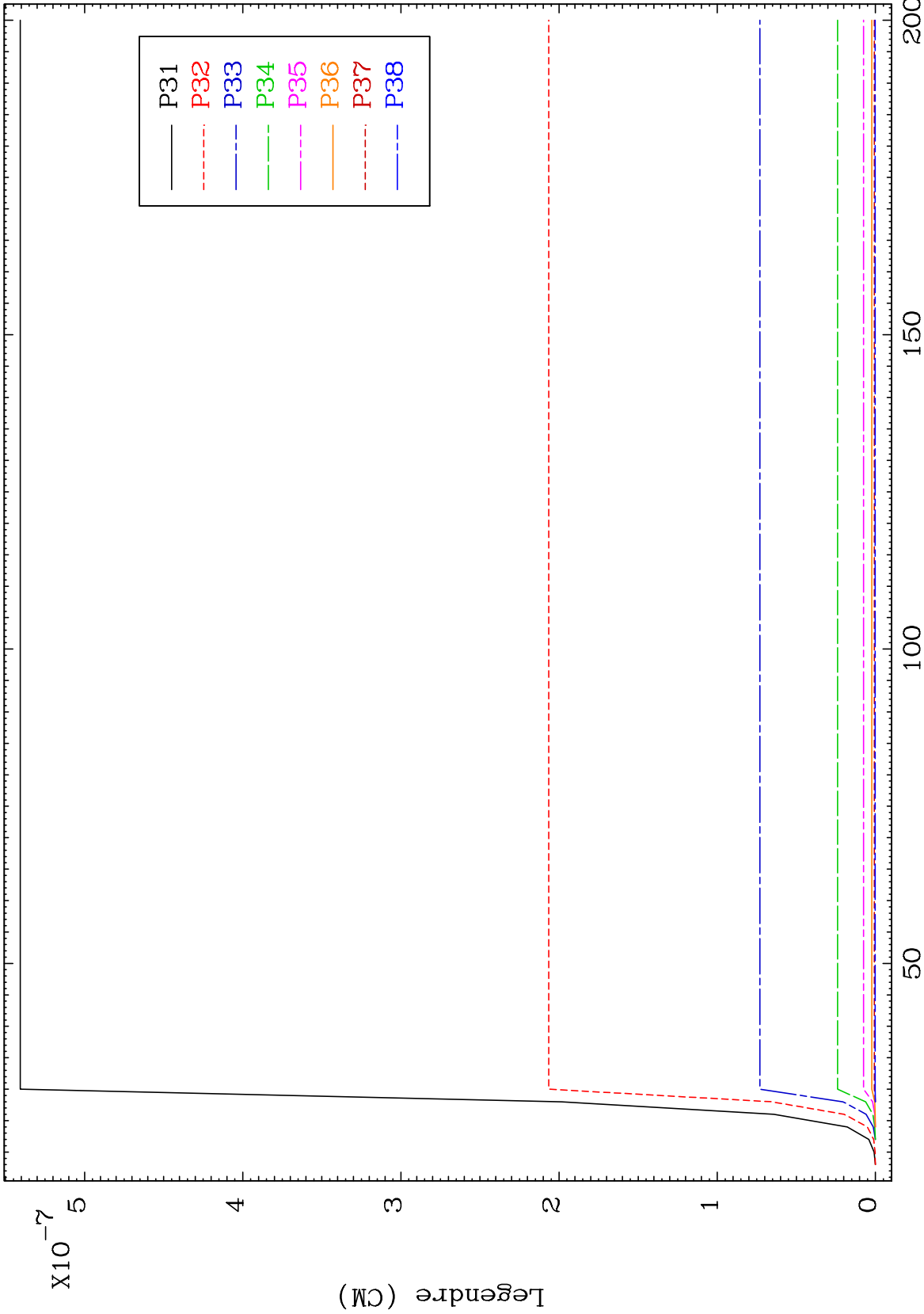
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83-Bi-213

MAT 8337

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

83-Bi-213



27

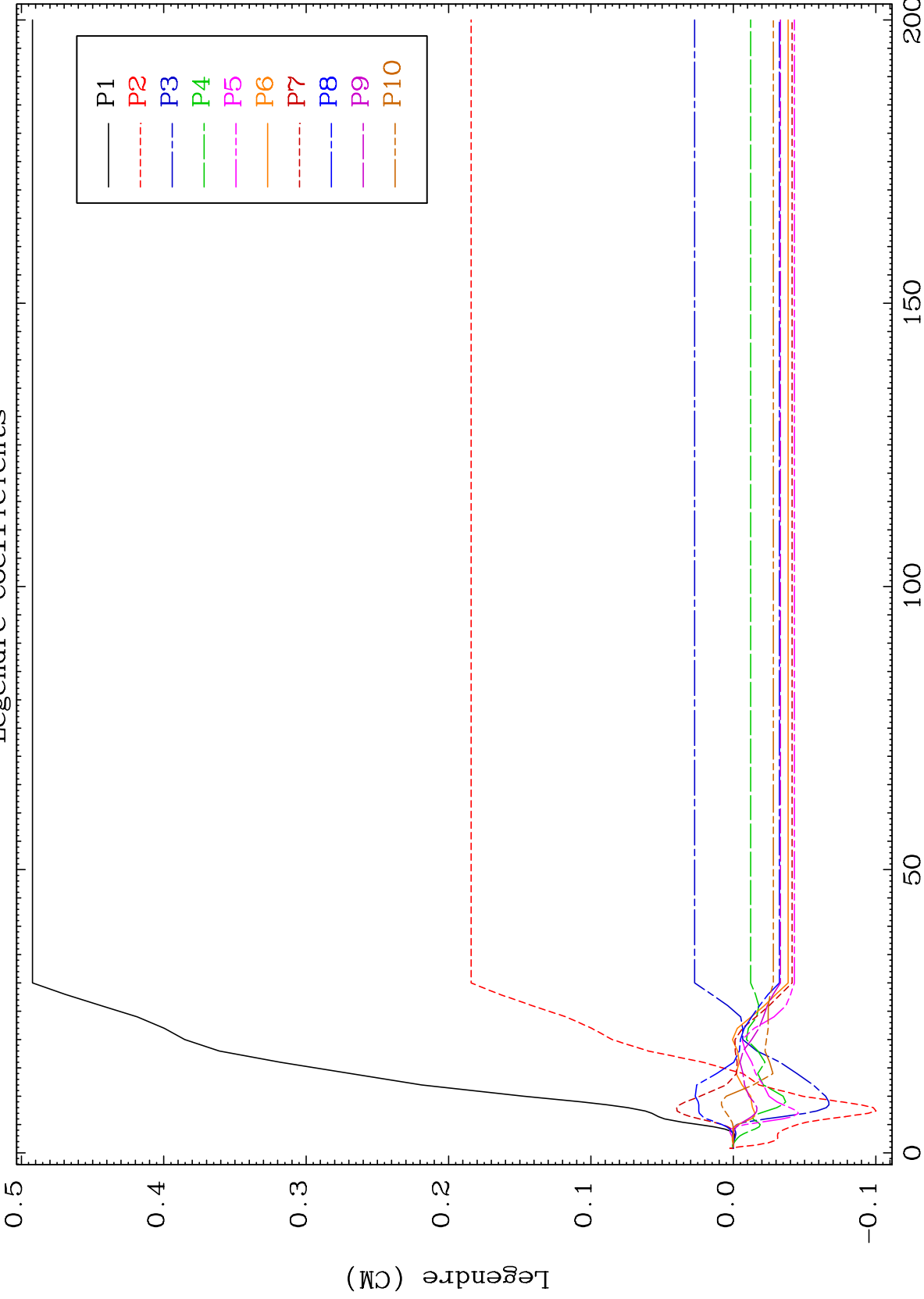
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



28

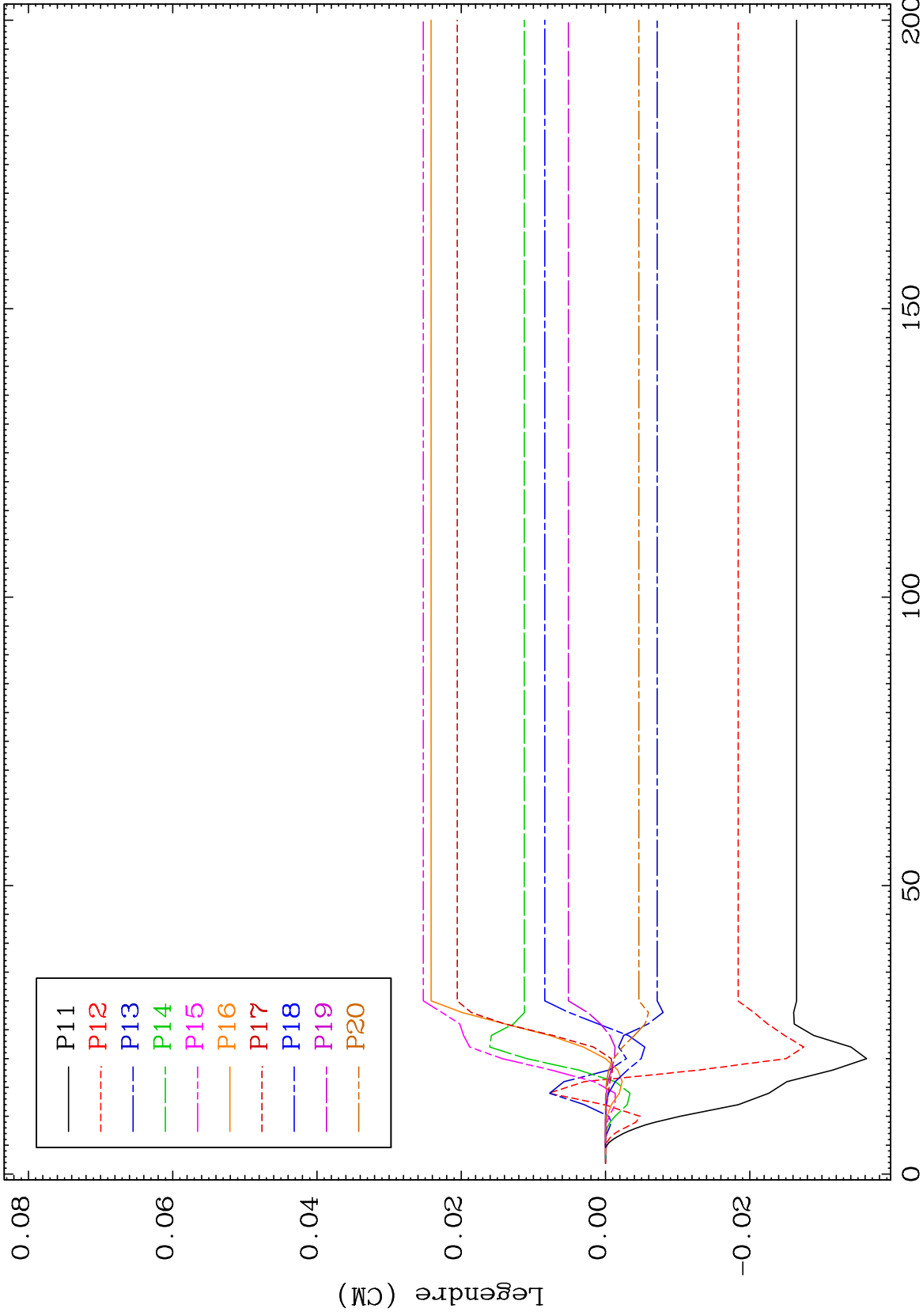
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



29

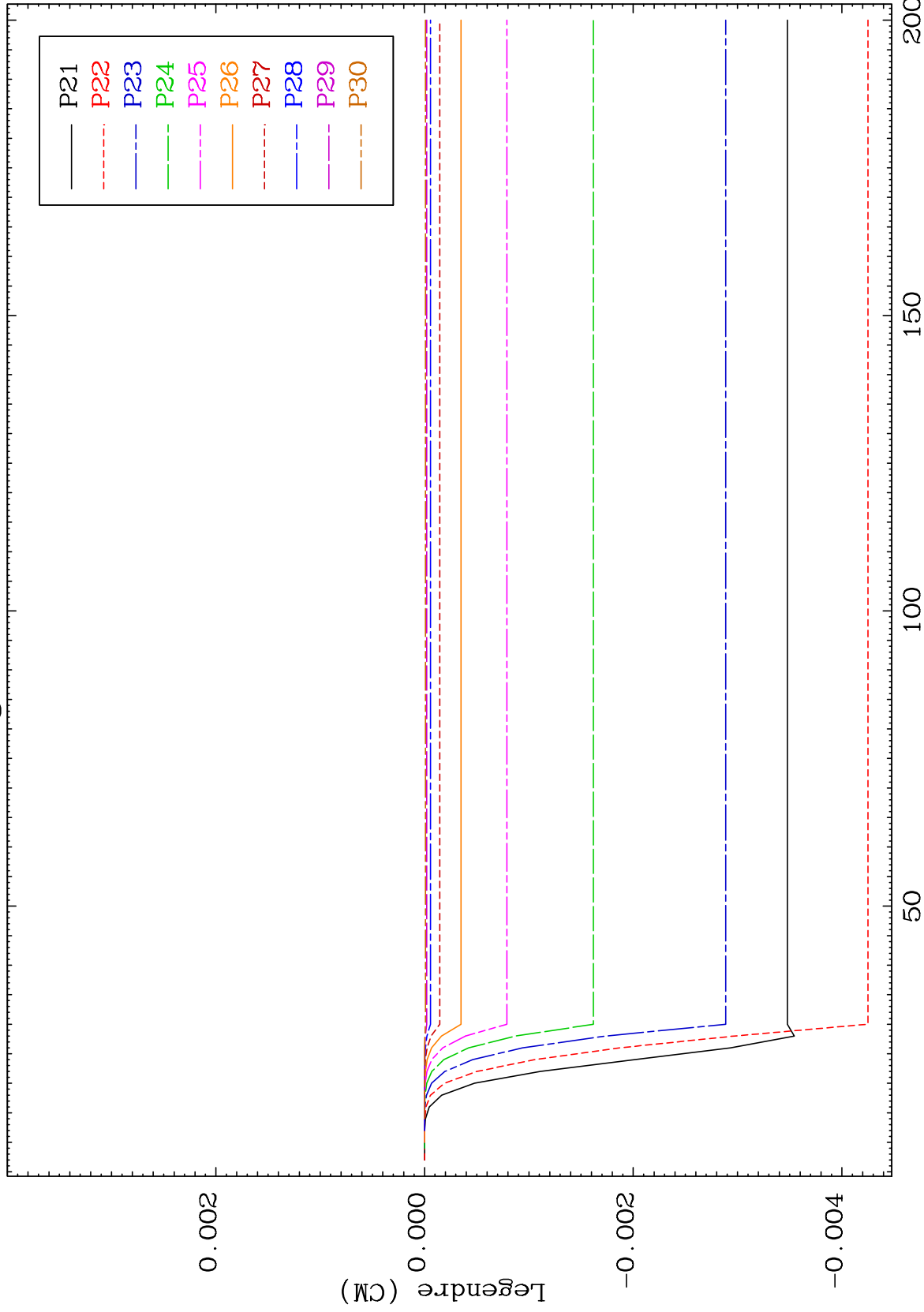
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



30

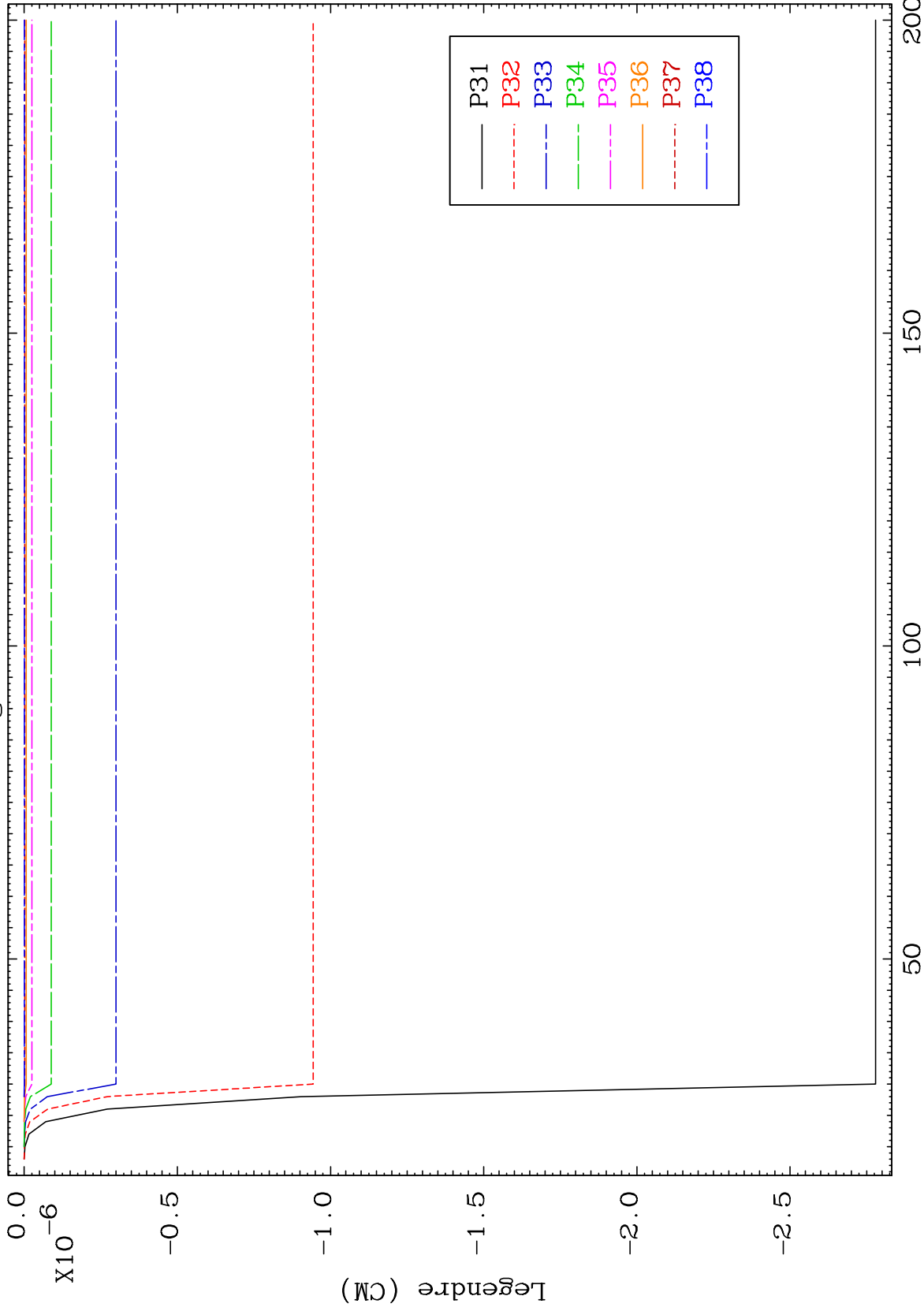
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



31

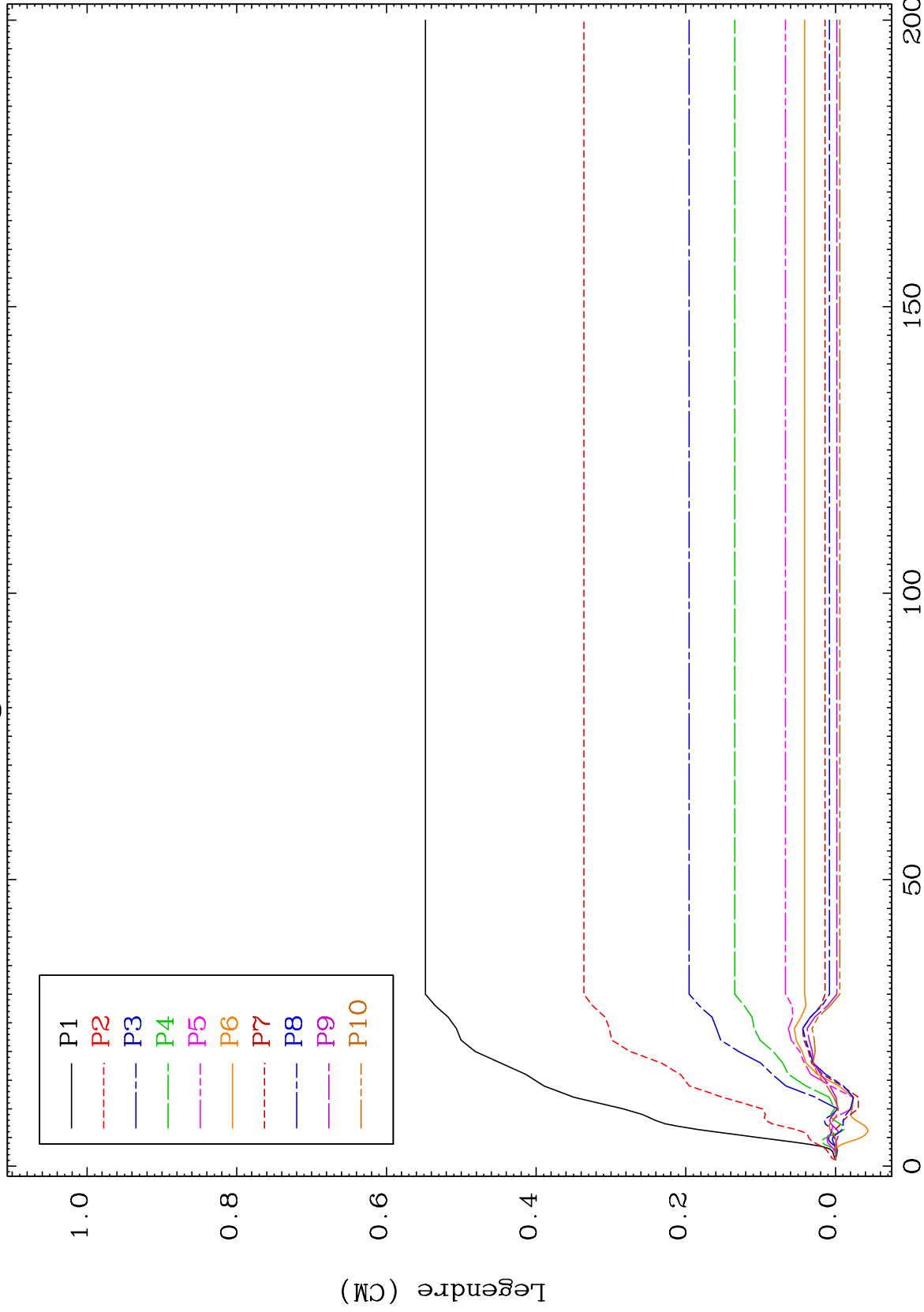
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



32

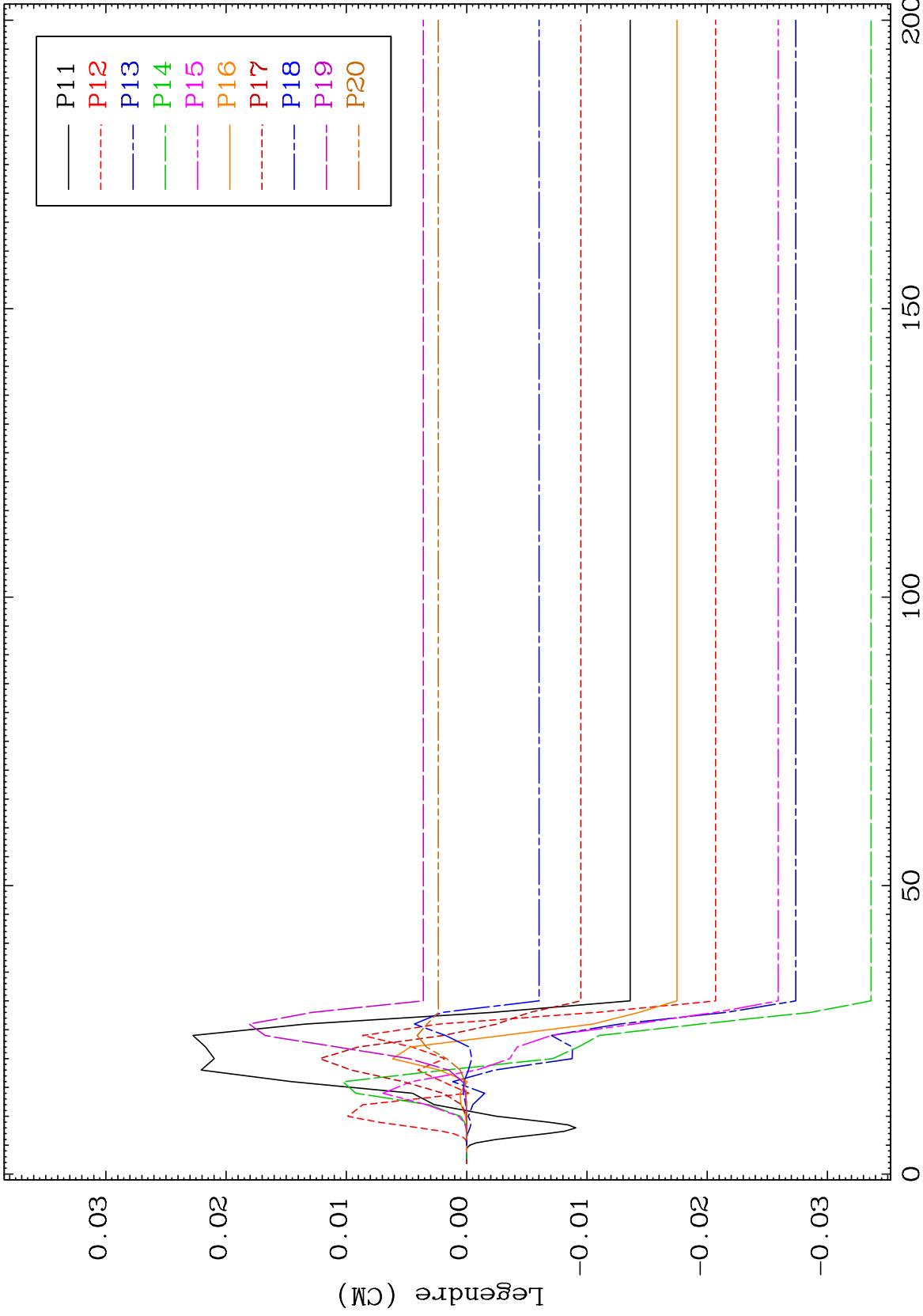
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



33

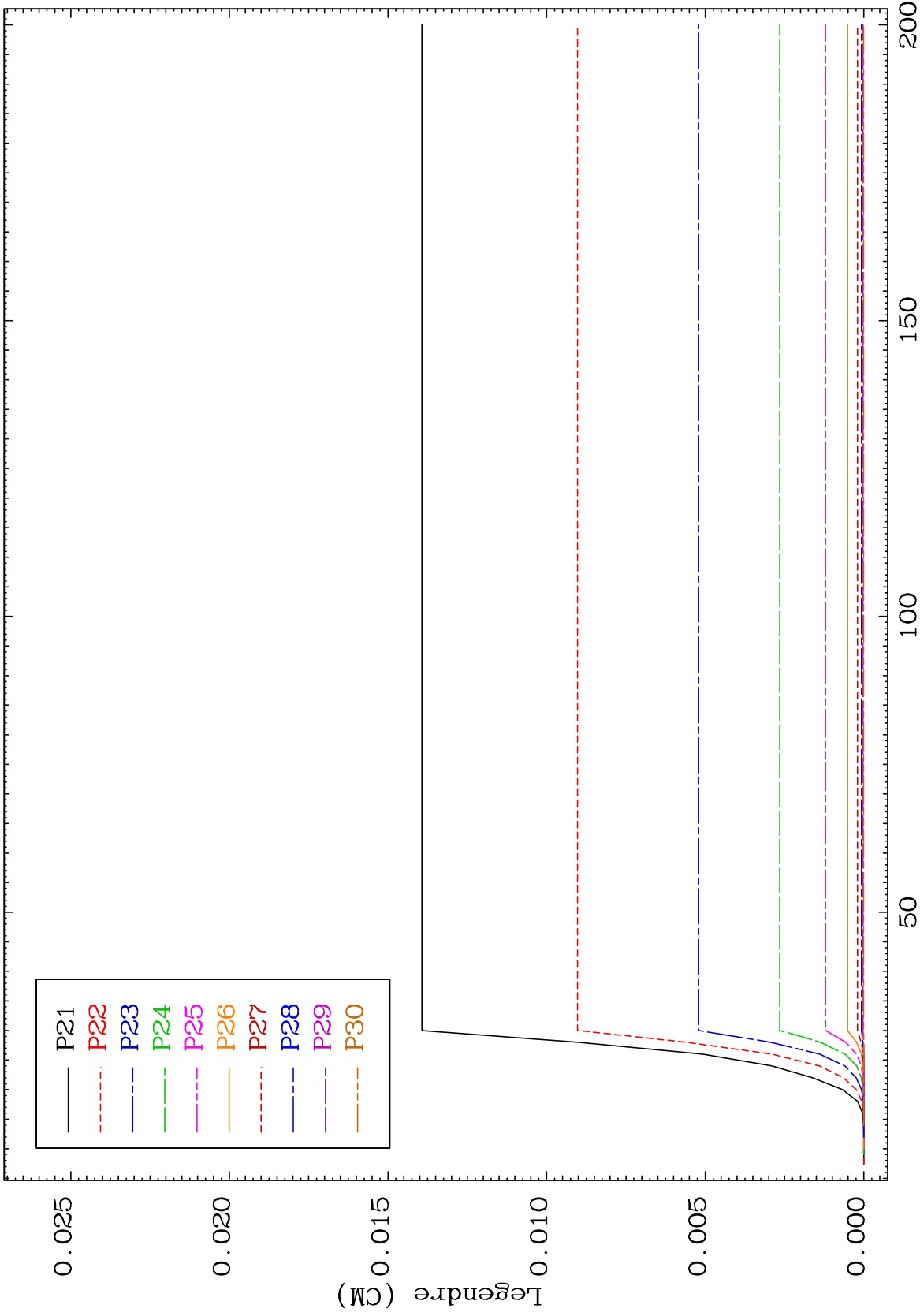
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



34

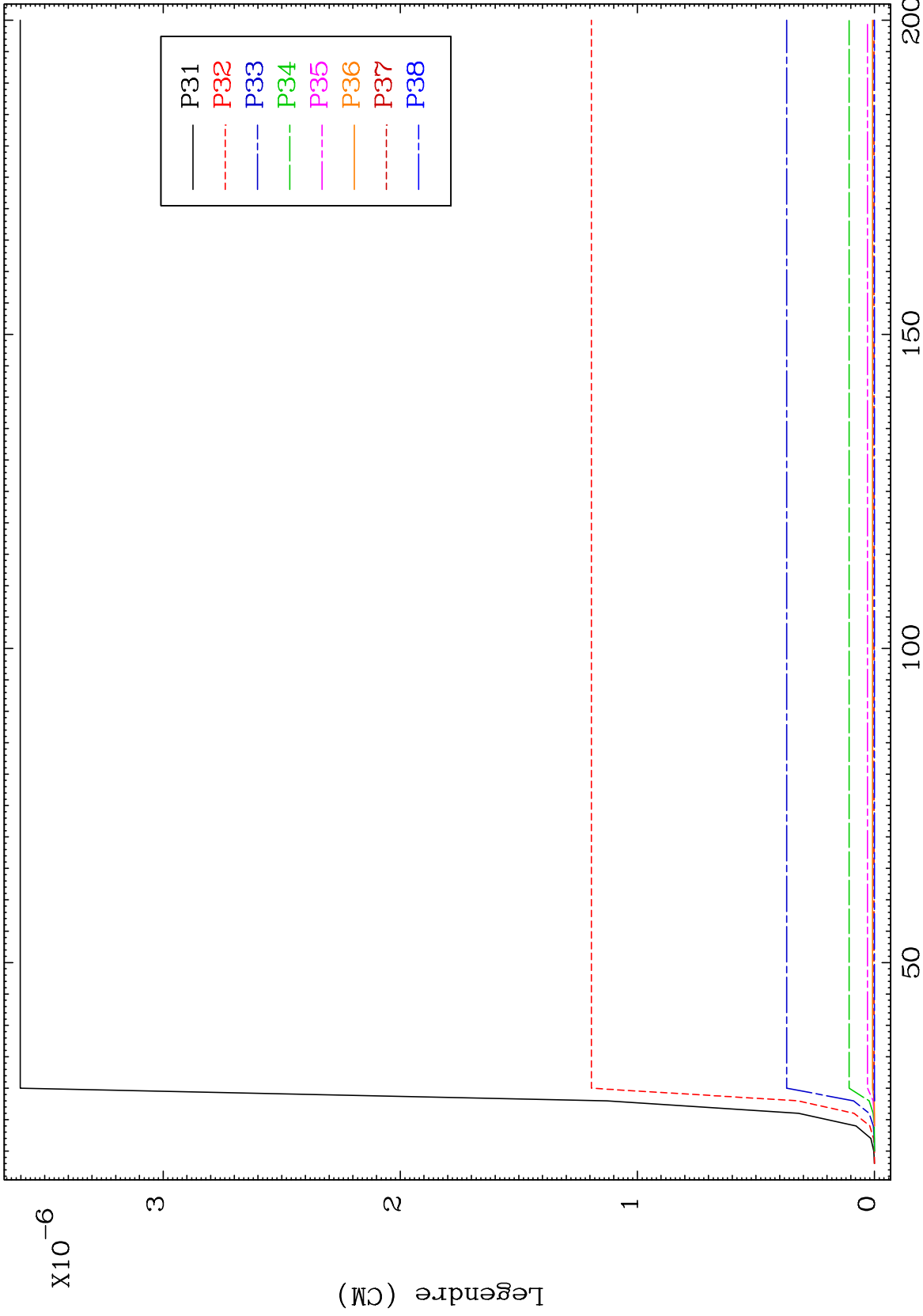
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



35

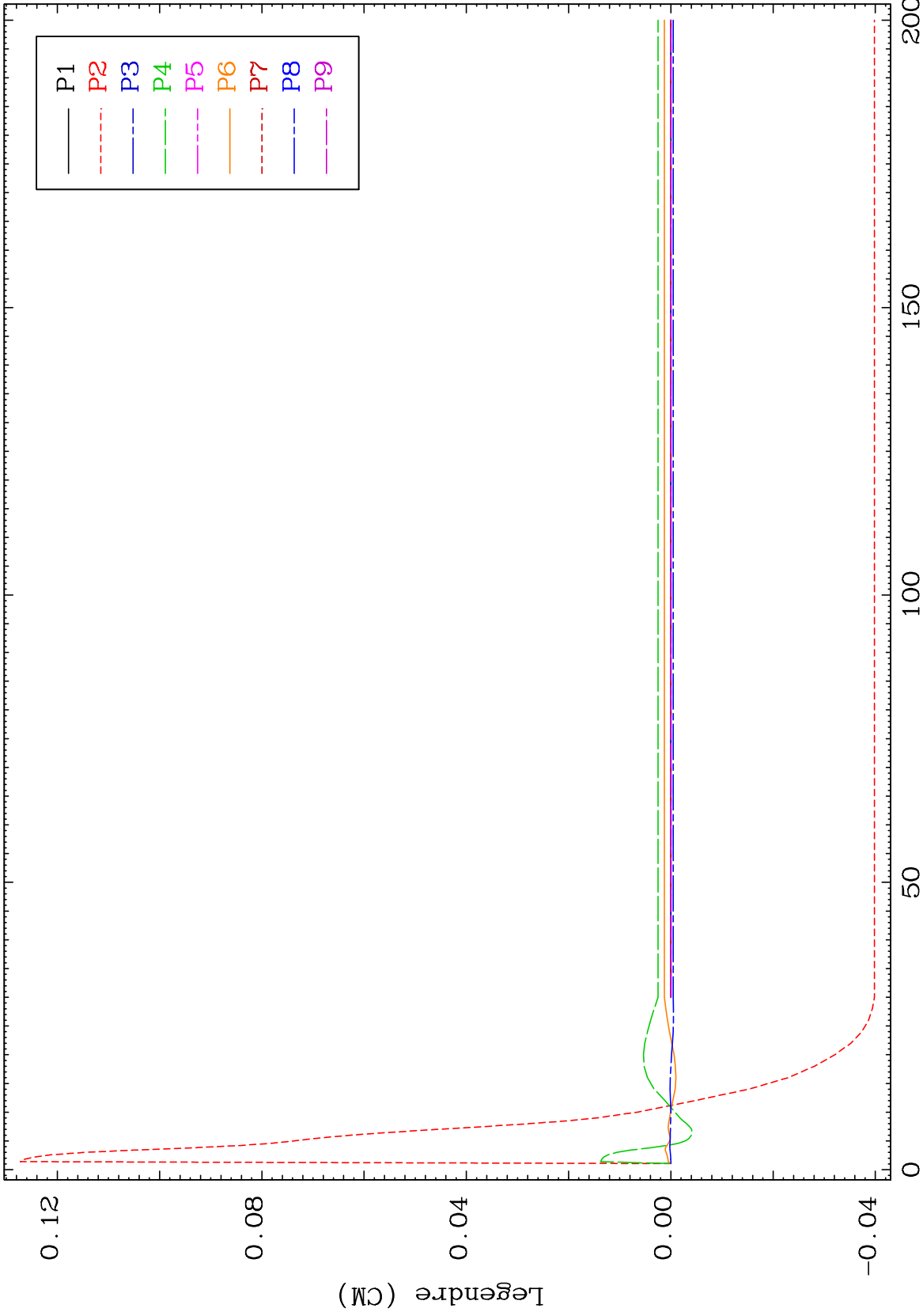
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



36

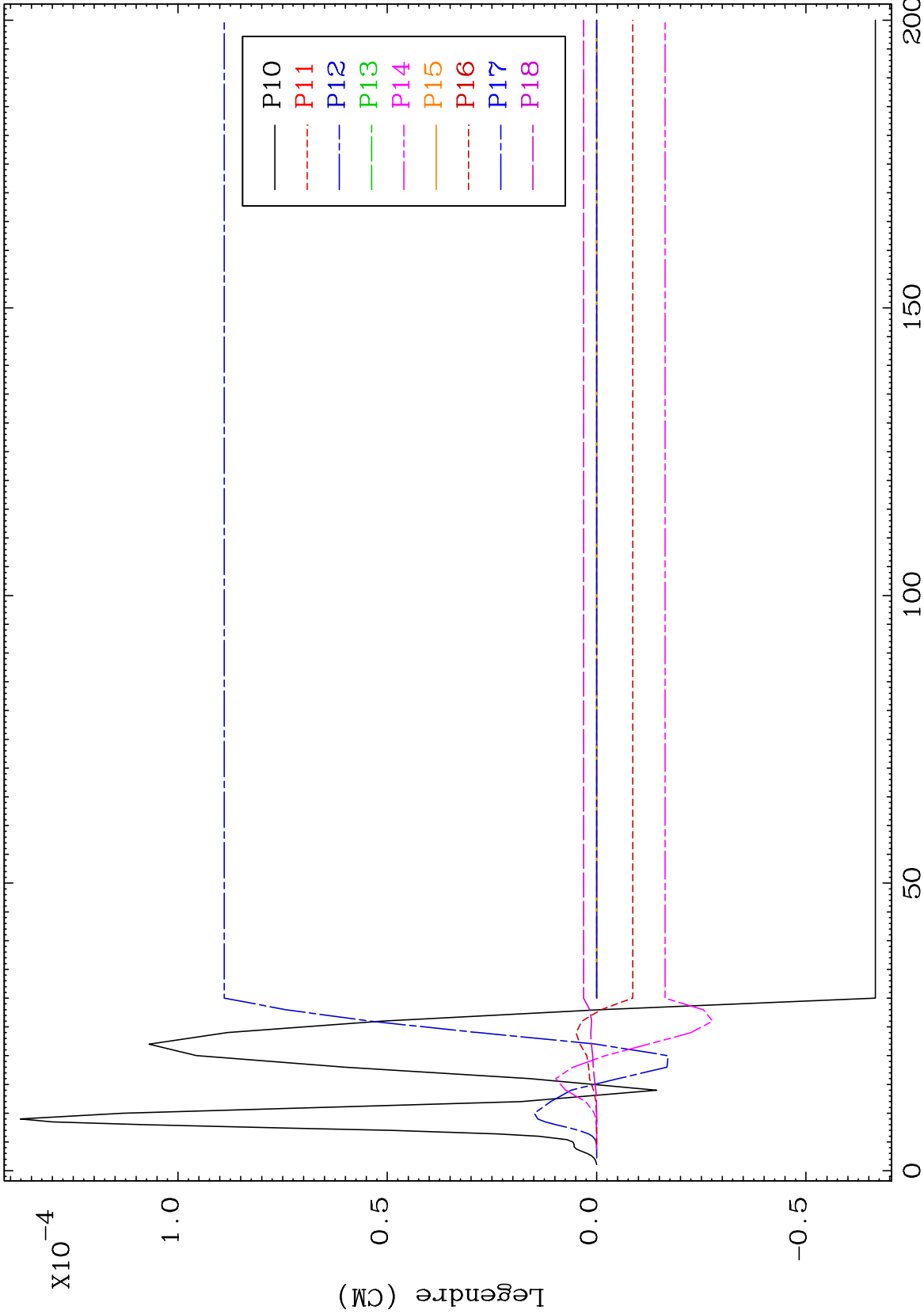
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



37

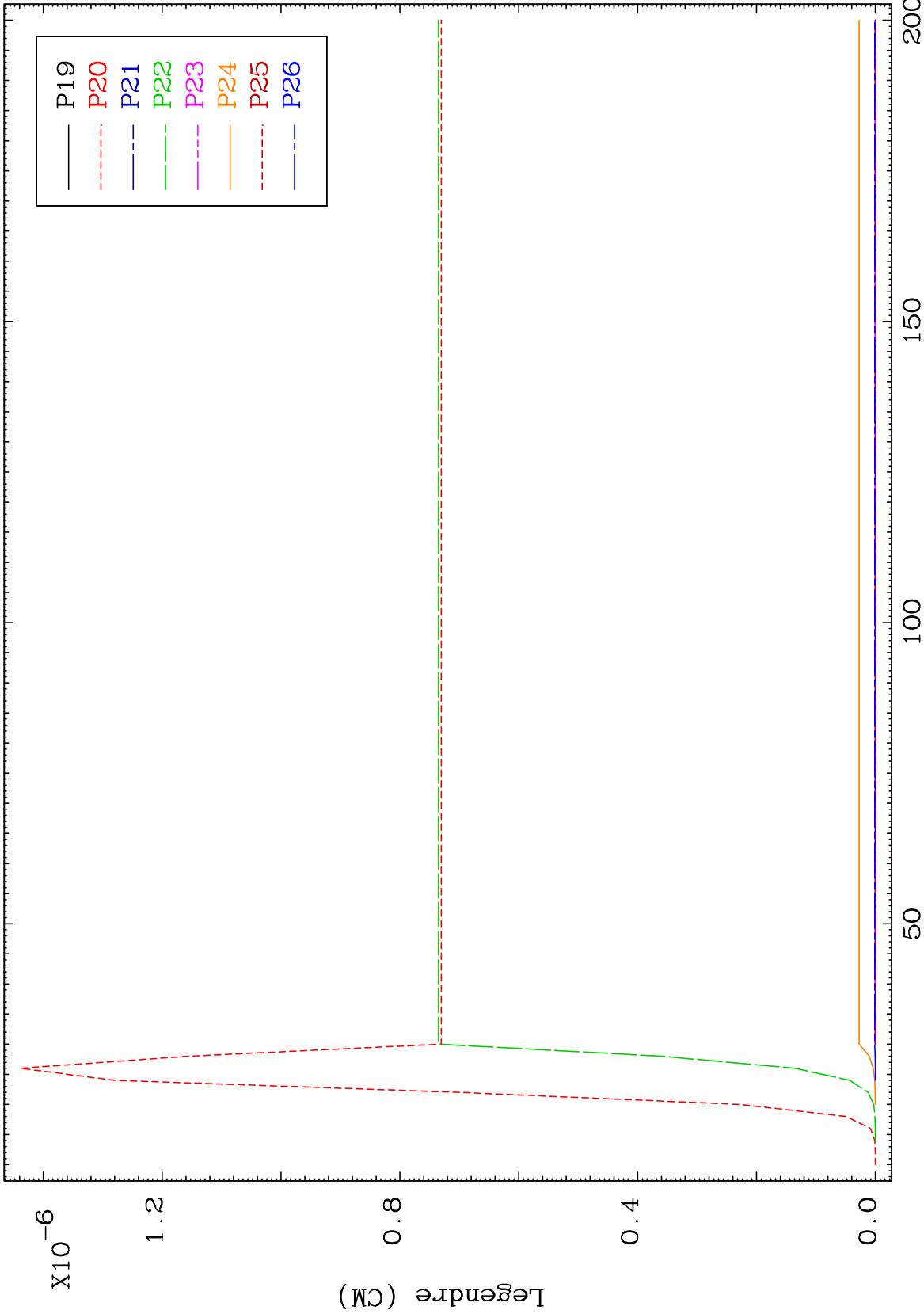
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



38

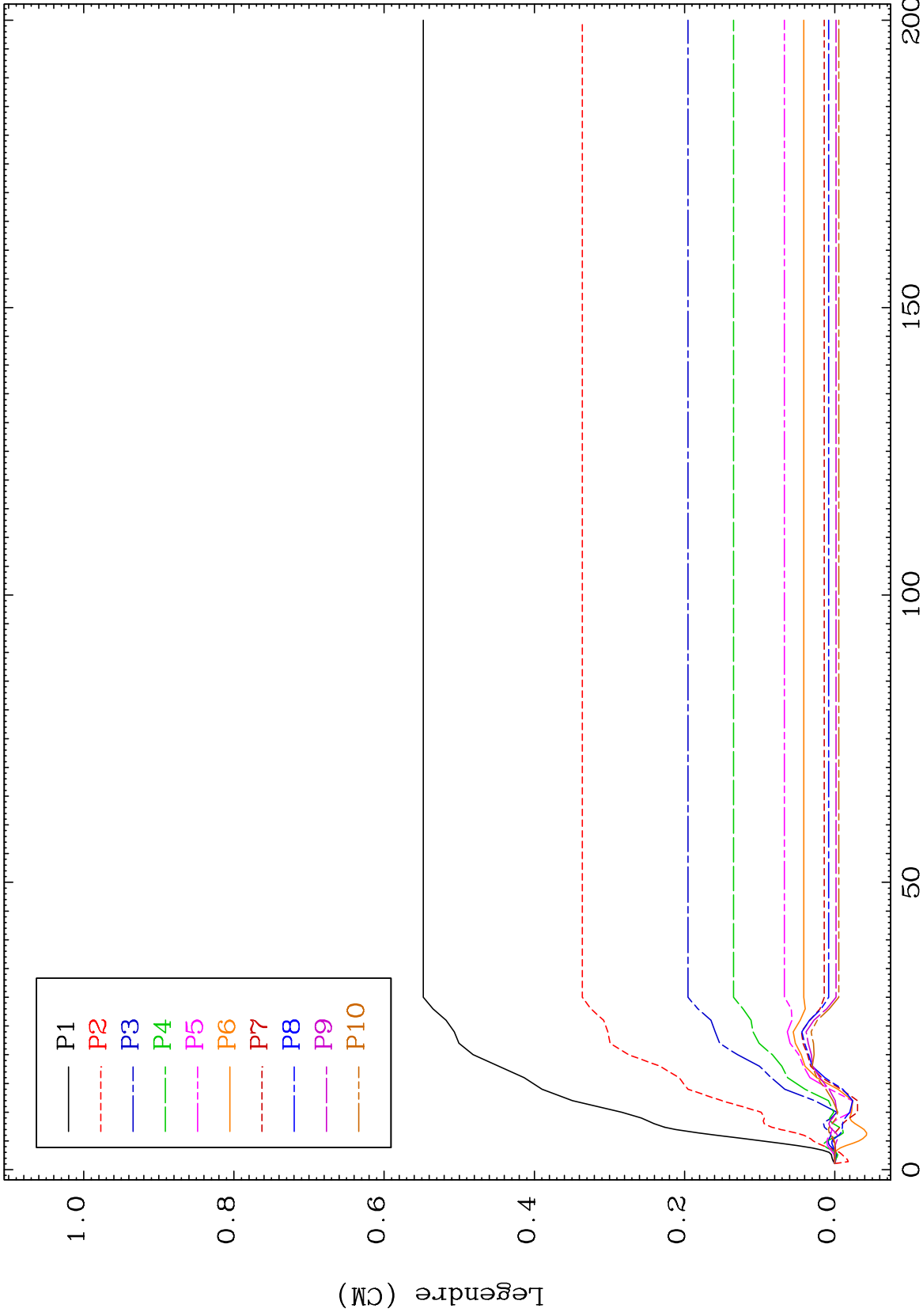
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



39

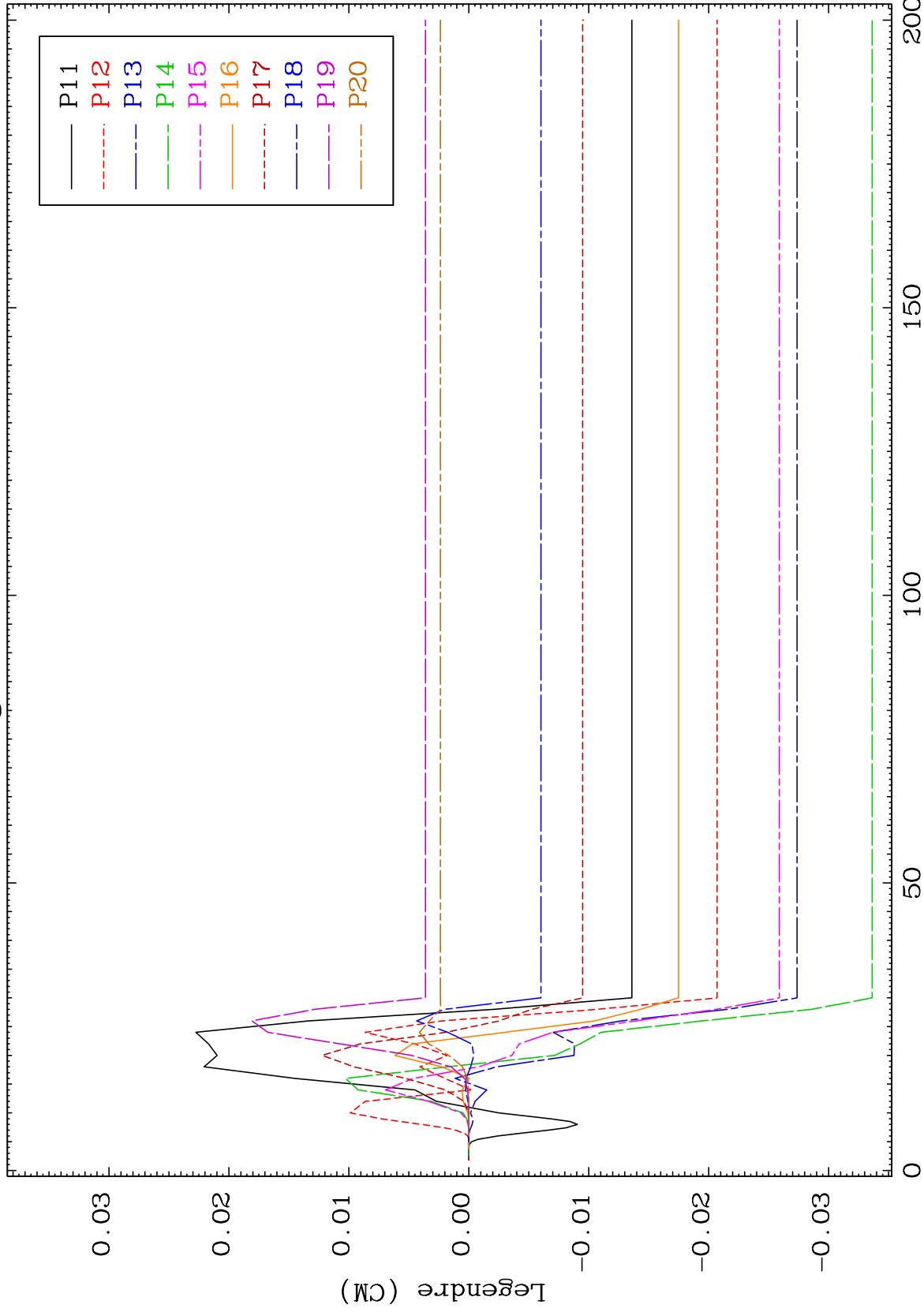
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

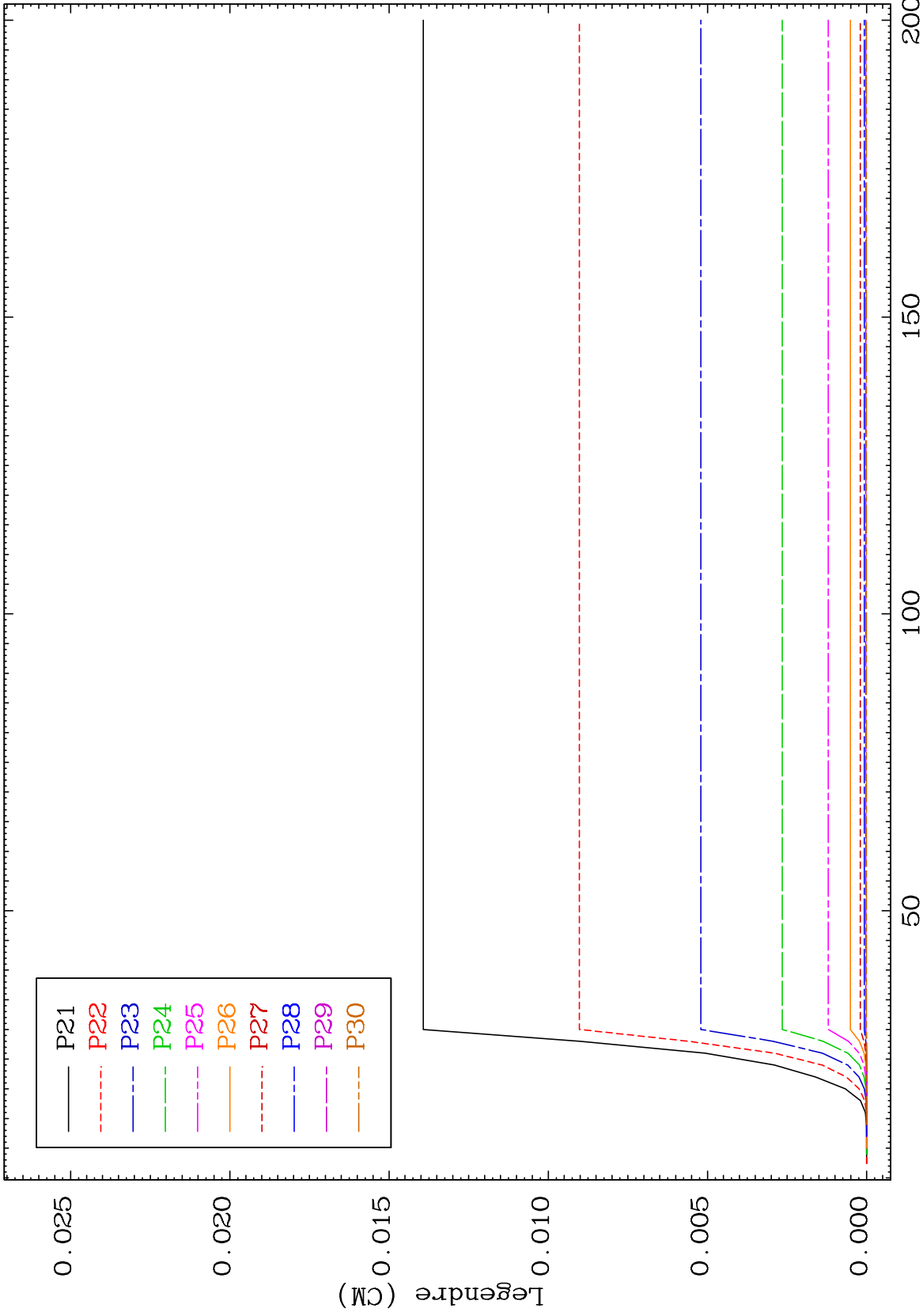
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40

Incident Energy (MeV)

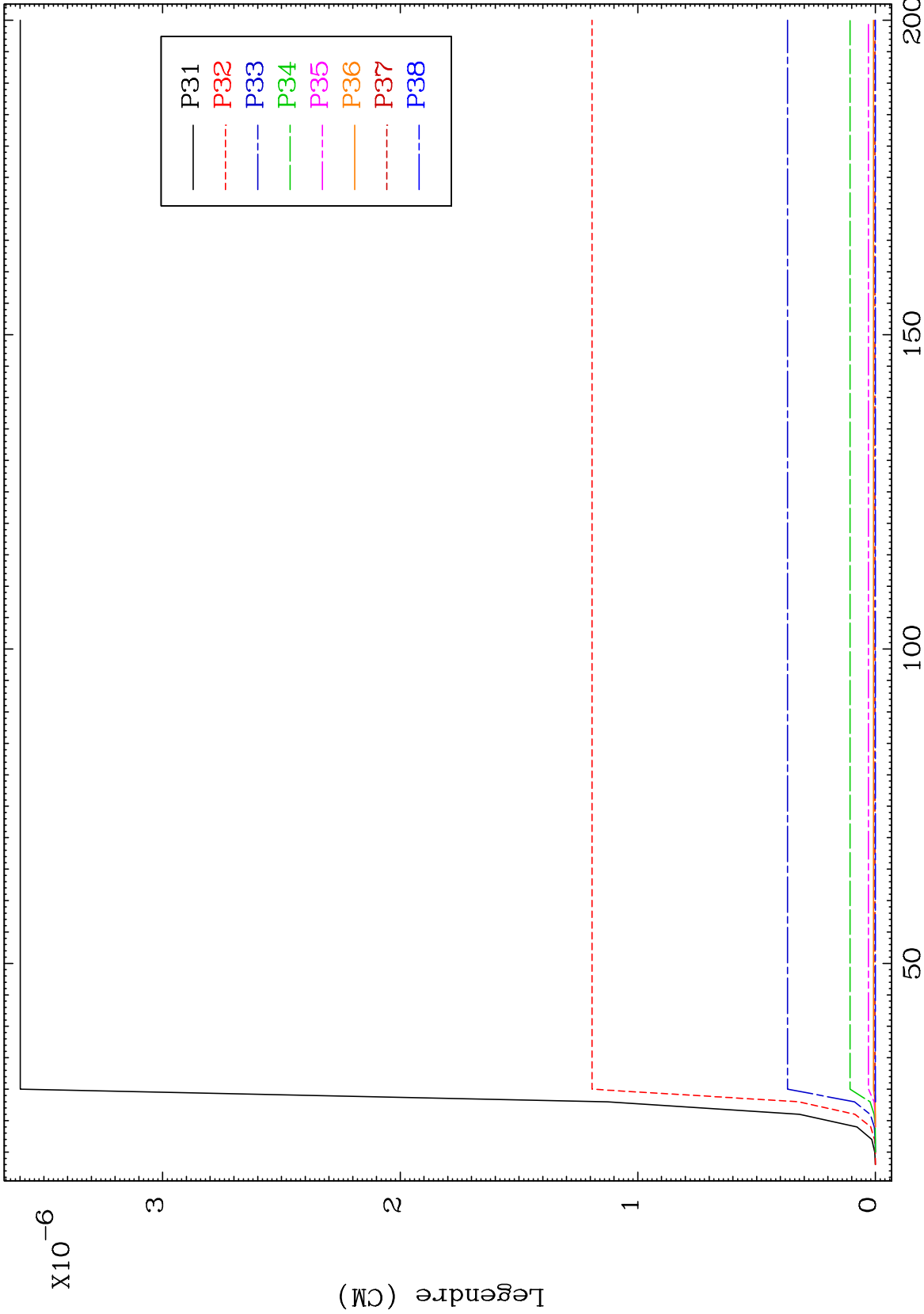
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MAT 8337

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

83-Bi-213



42

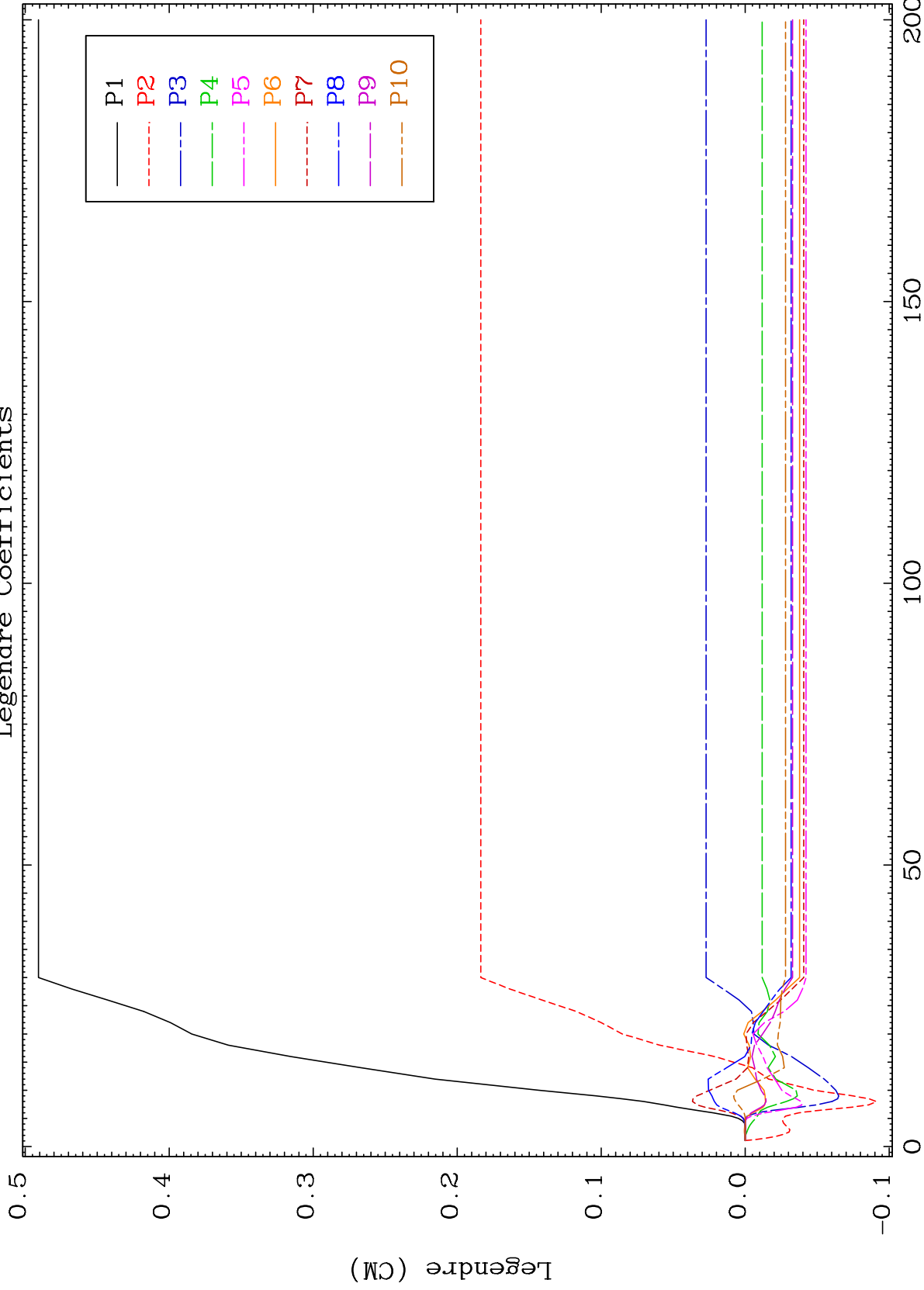
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



43

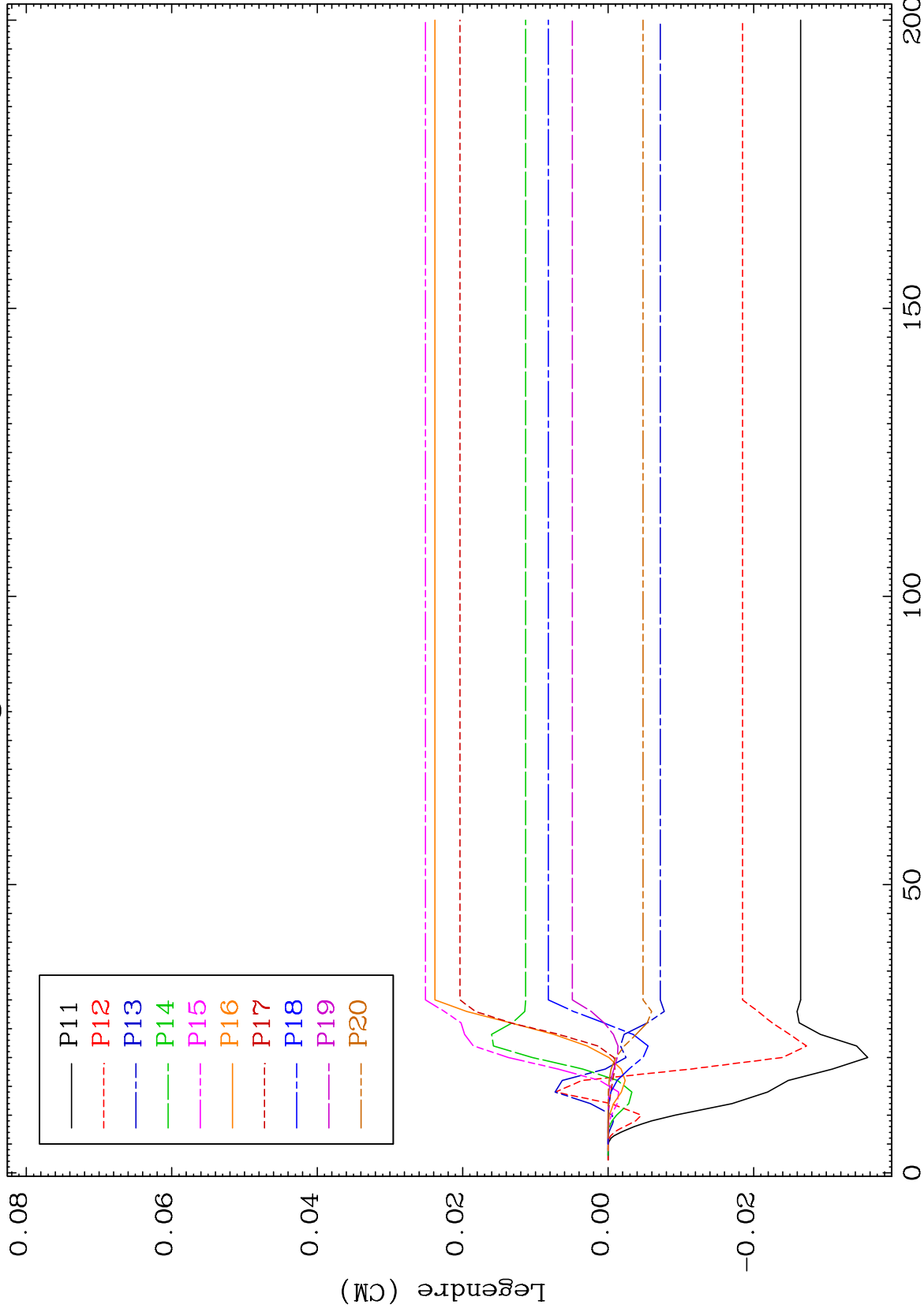
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



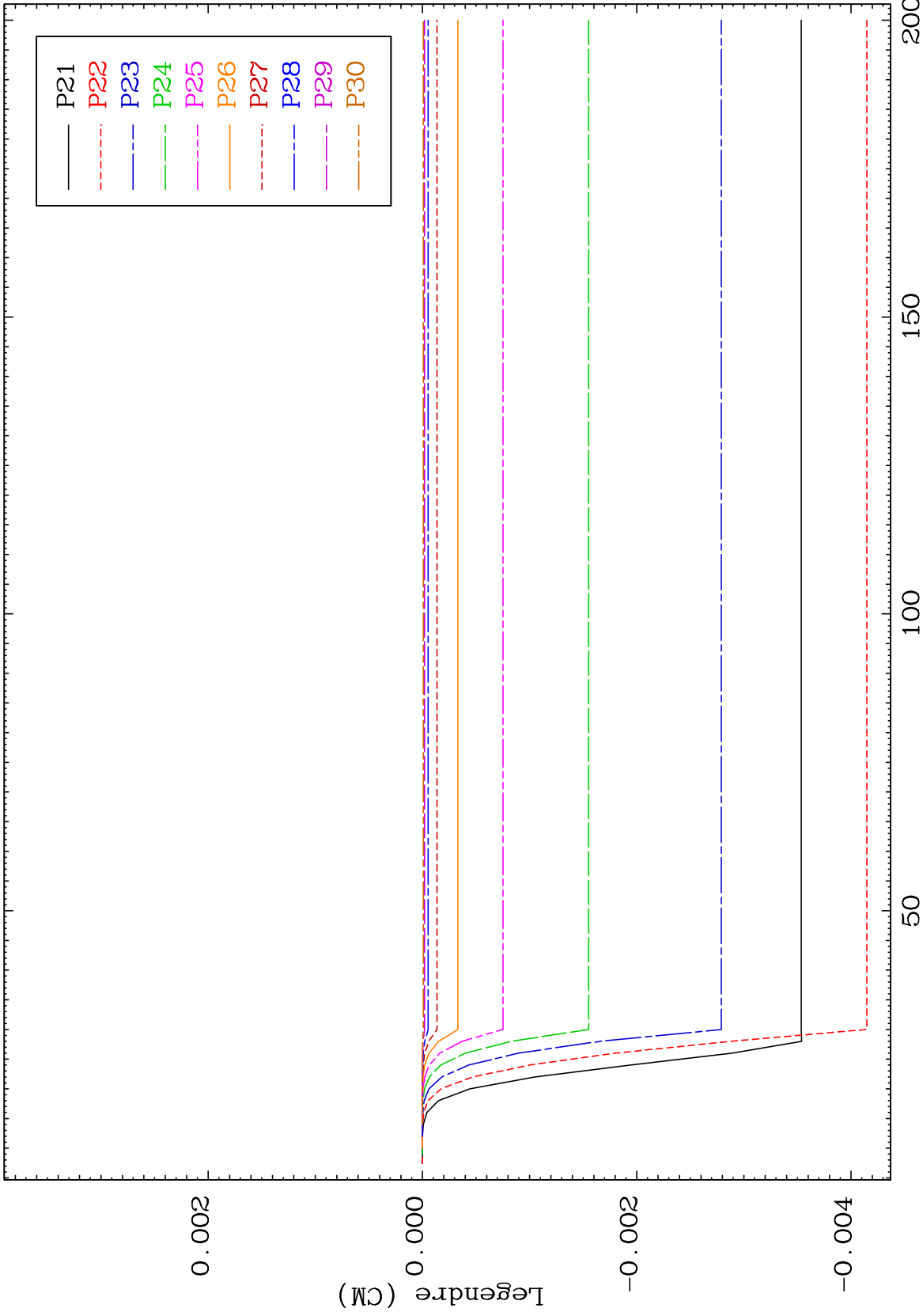
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83-Bi-213

MAT 8337

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

83-Bi-213



45

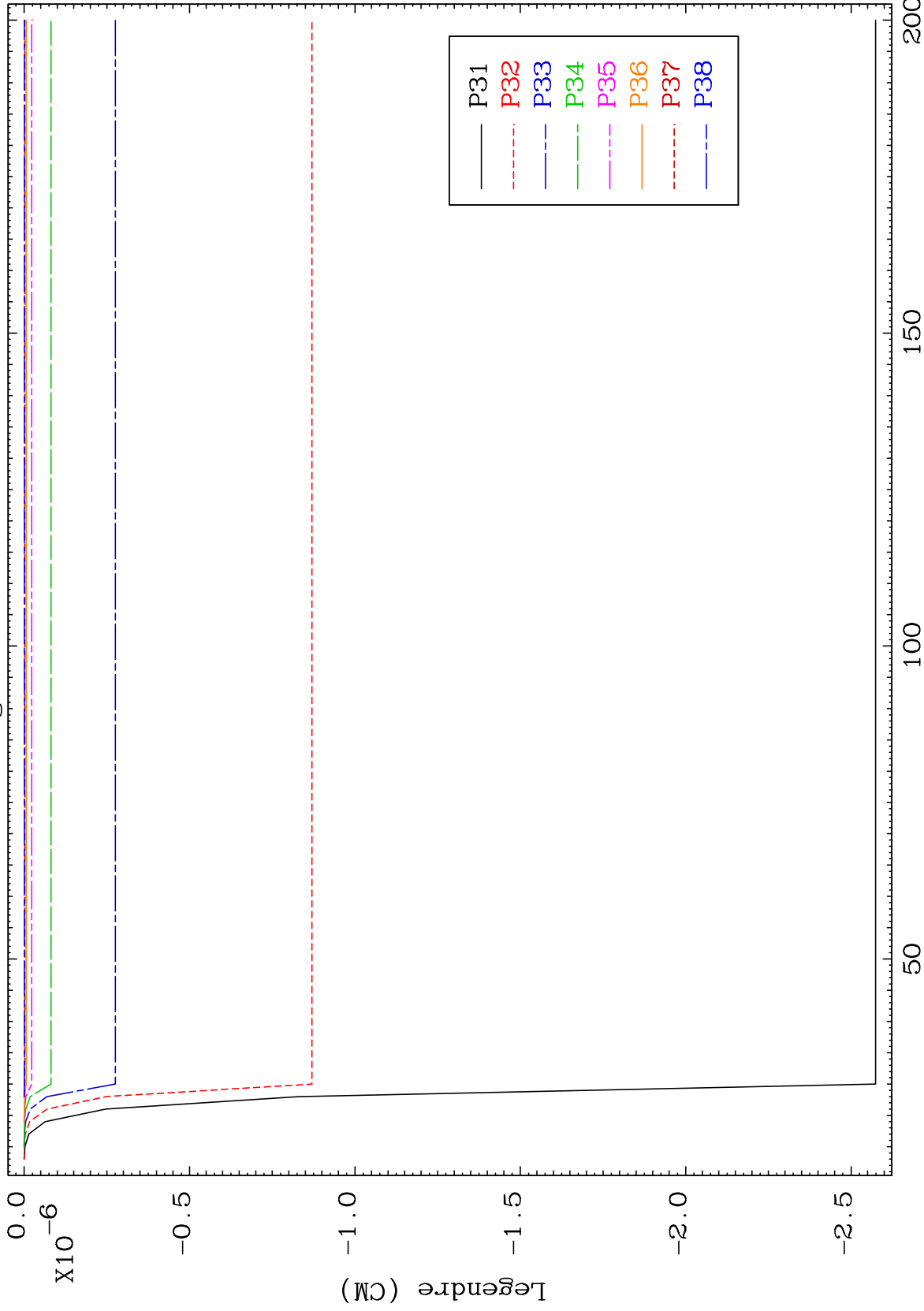
Incident Energy (MeV)

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MAT 8337

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

83-Bi-213



46

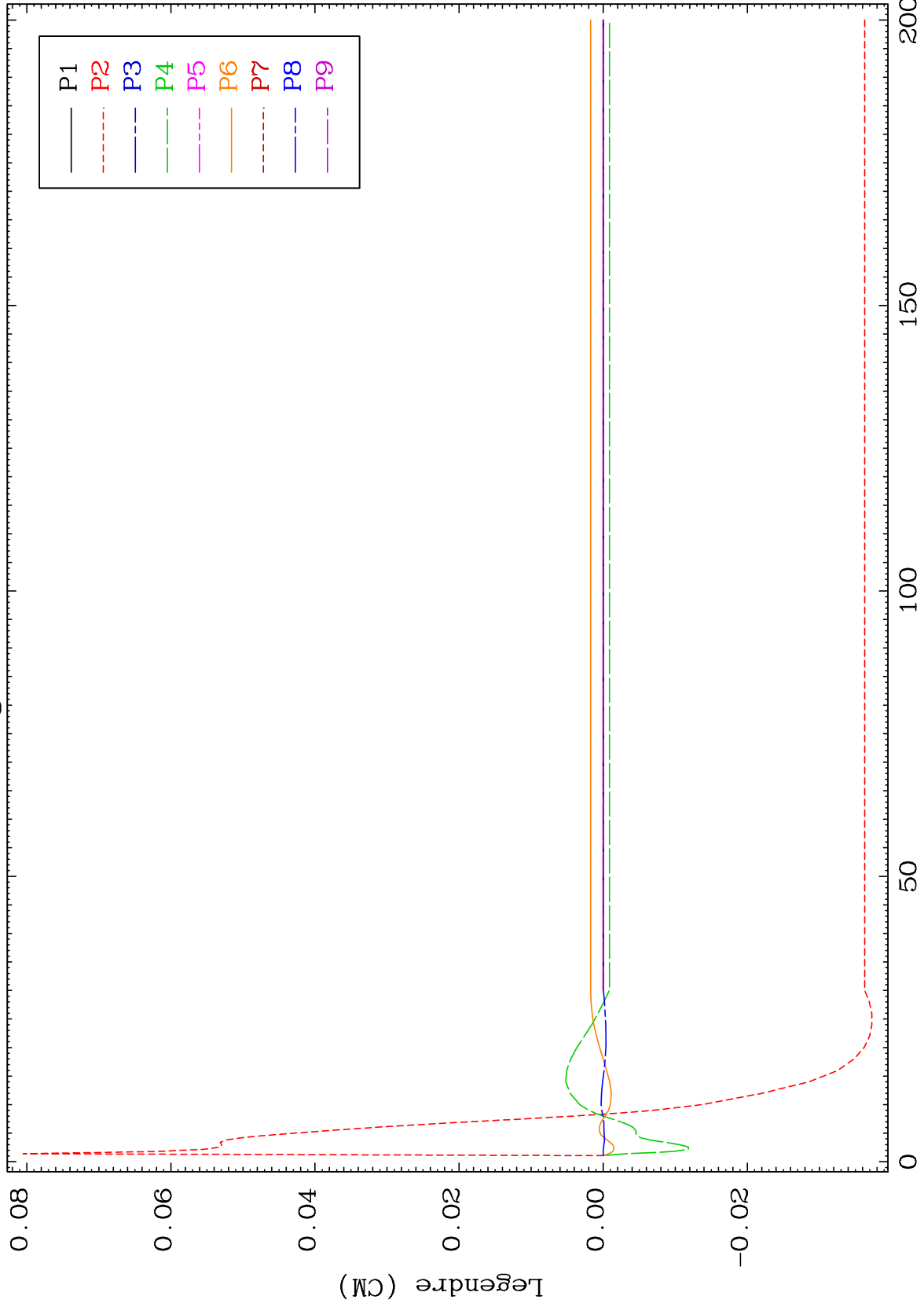
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



47

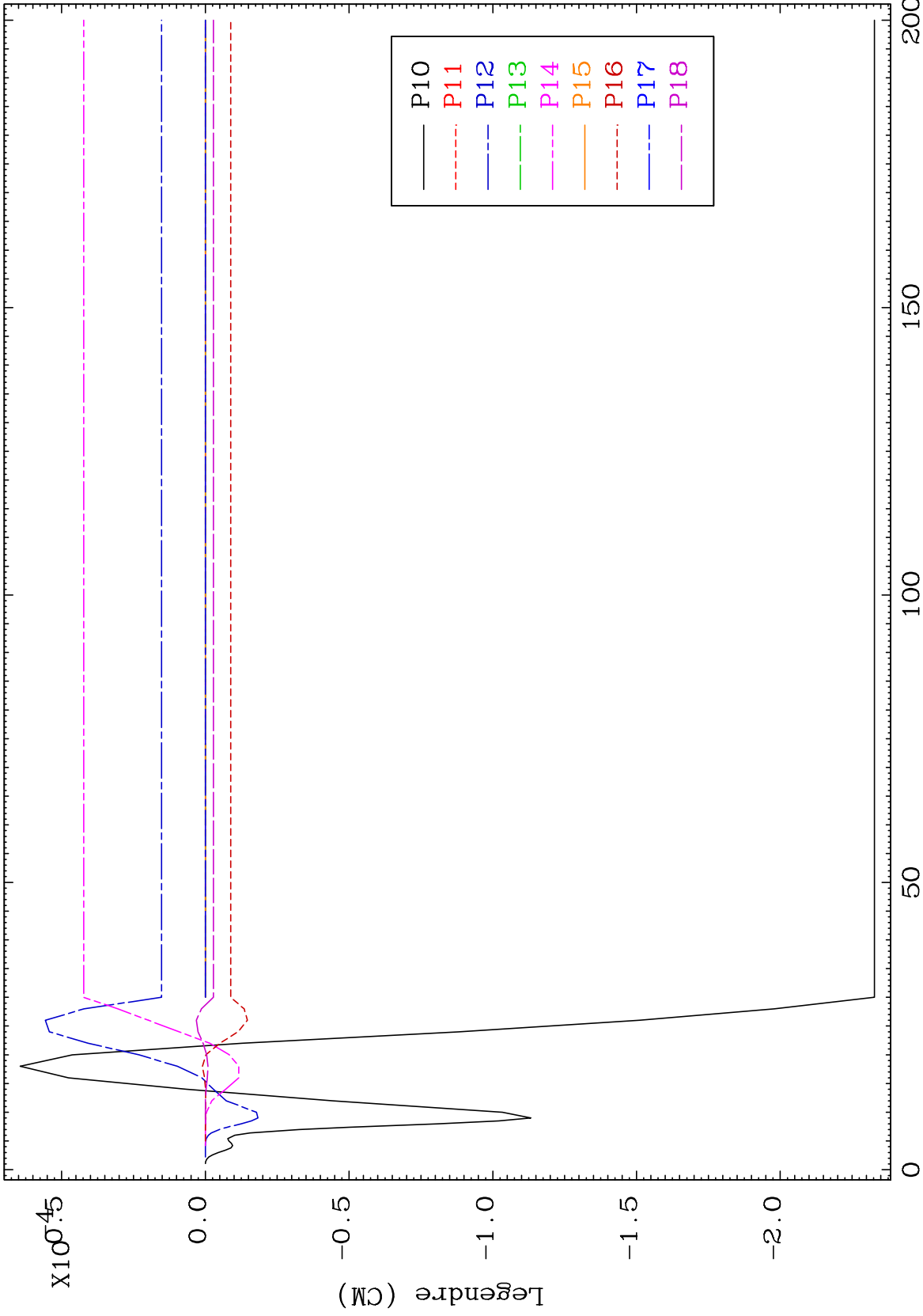
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



48

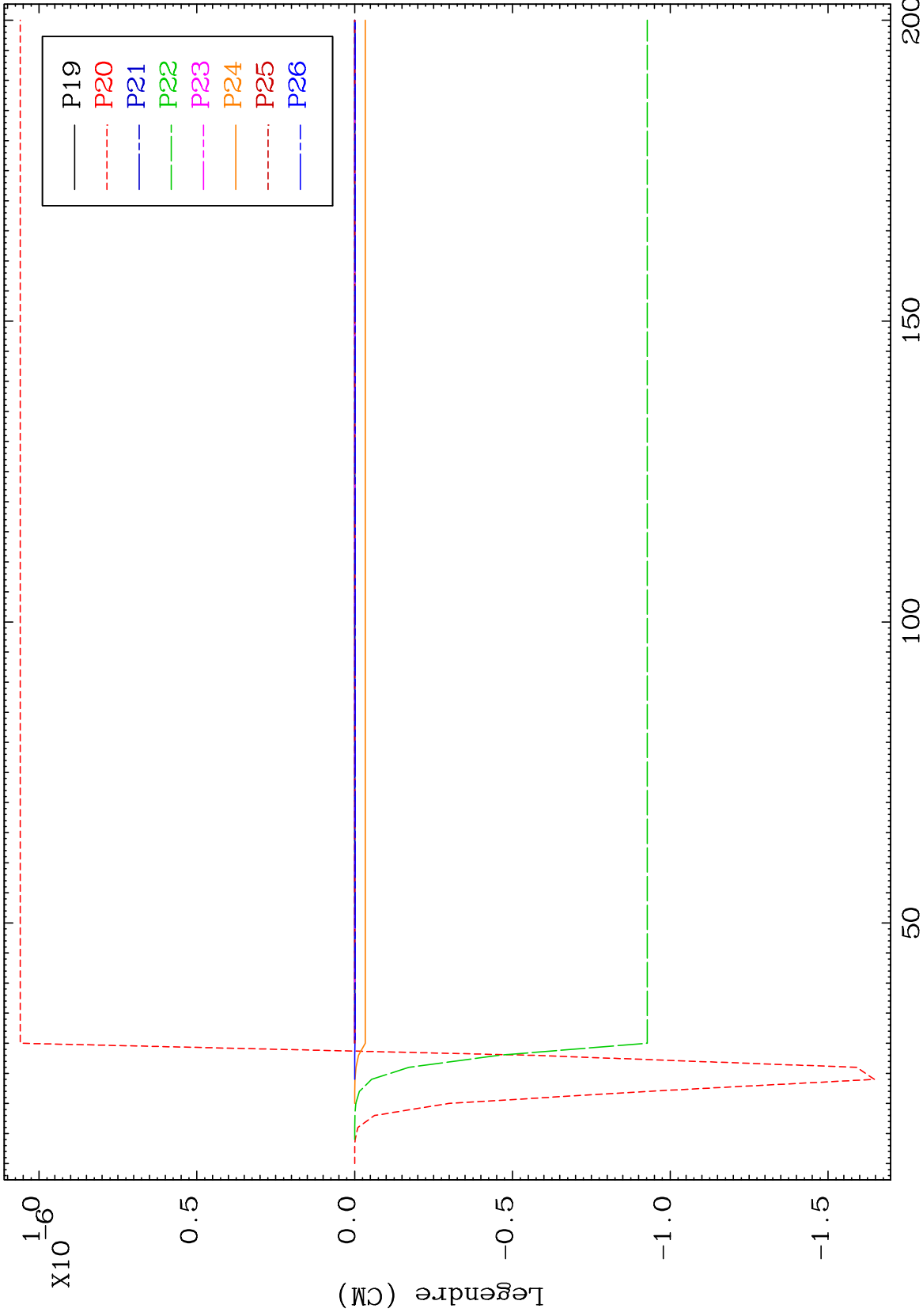
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



49

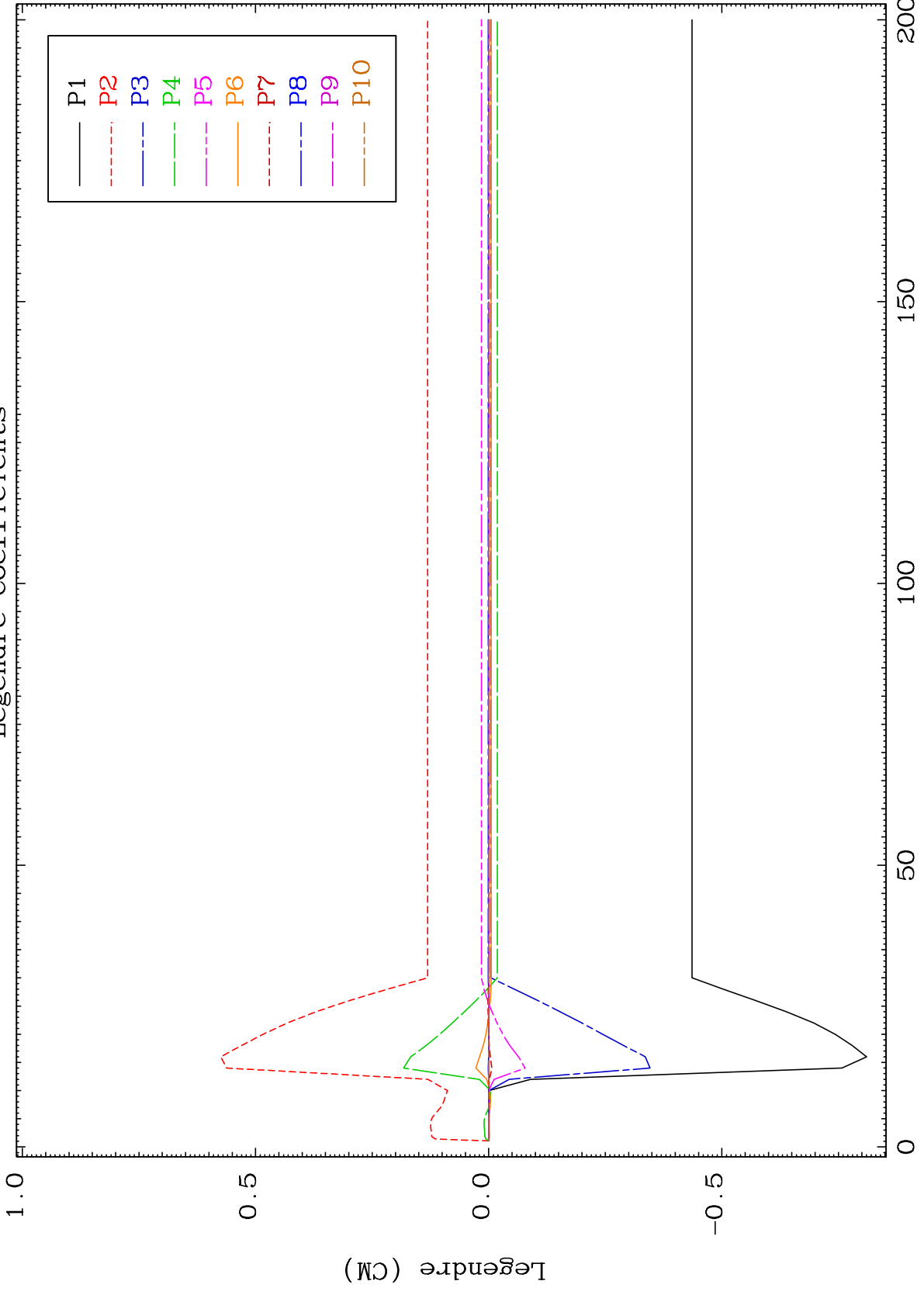
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

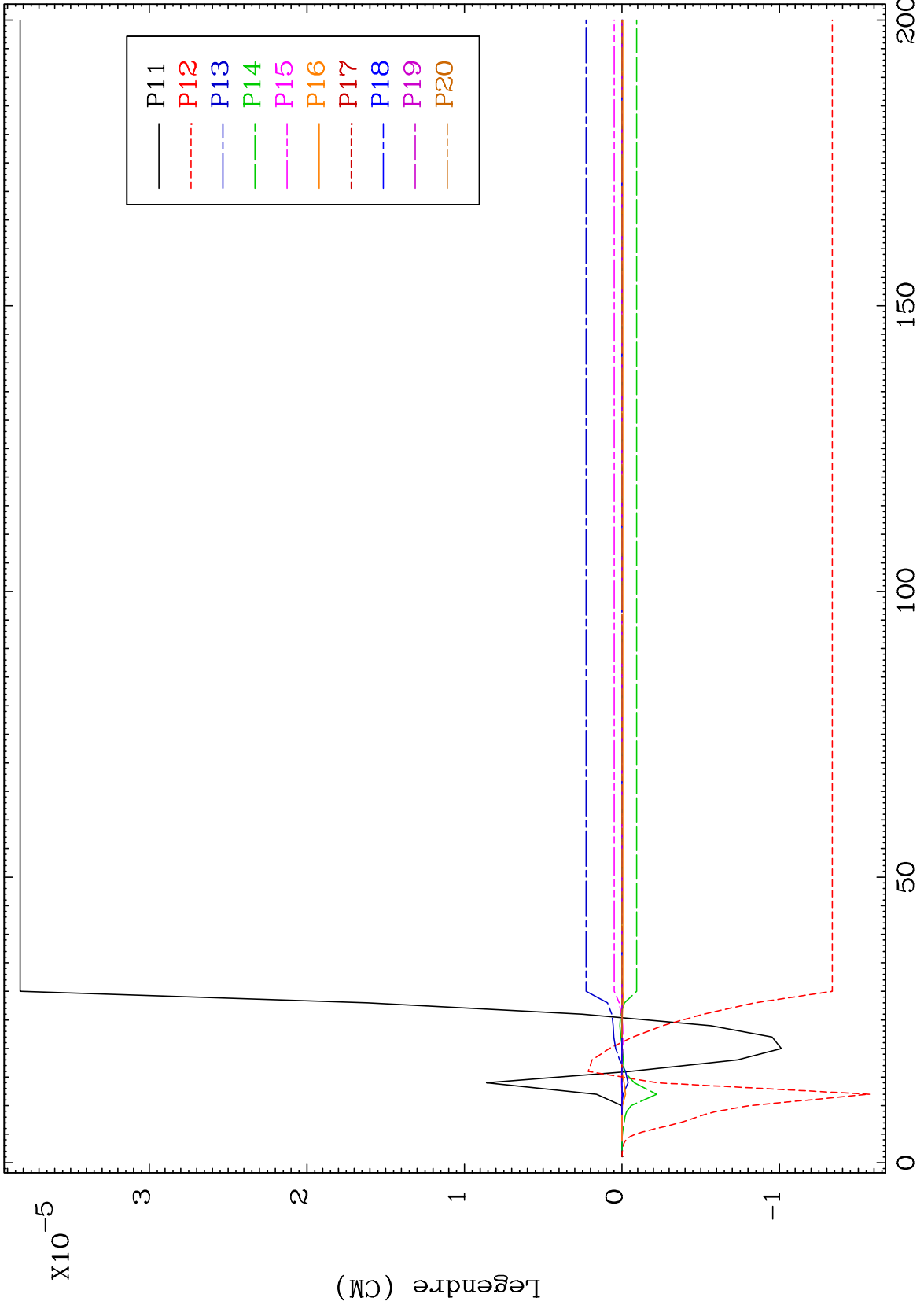
83-Bi-213



83-Bi-213

Incident Energy (MeV)

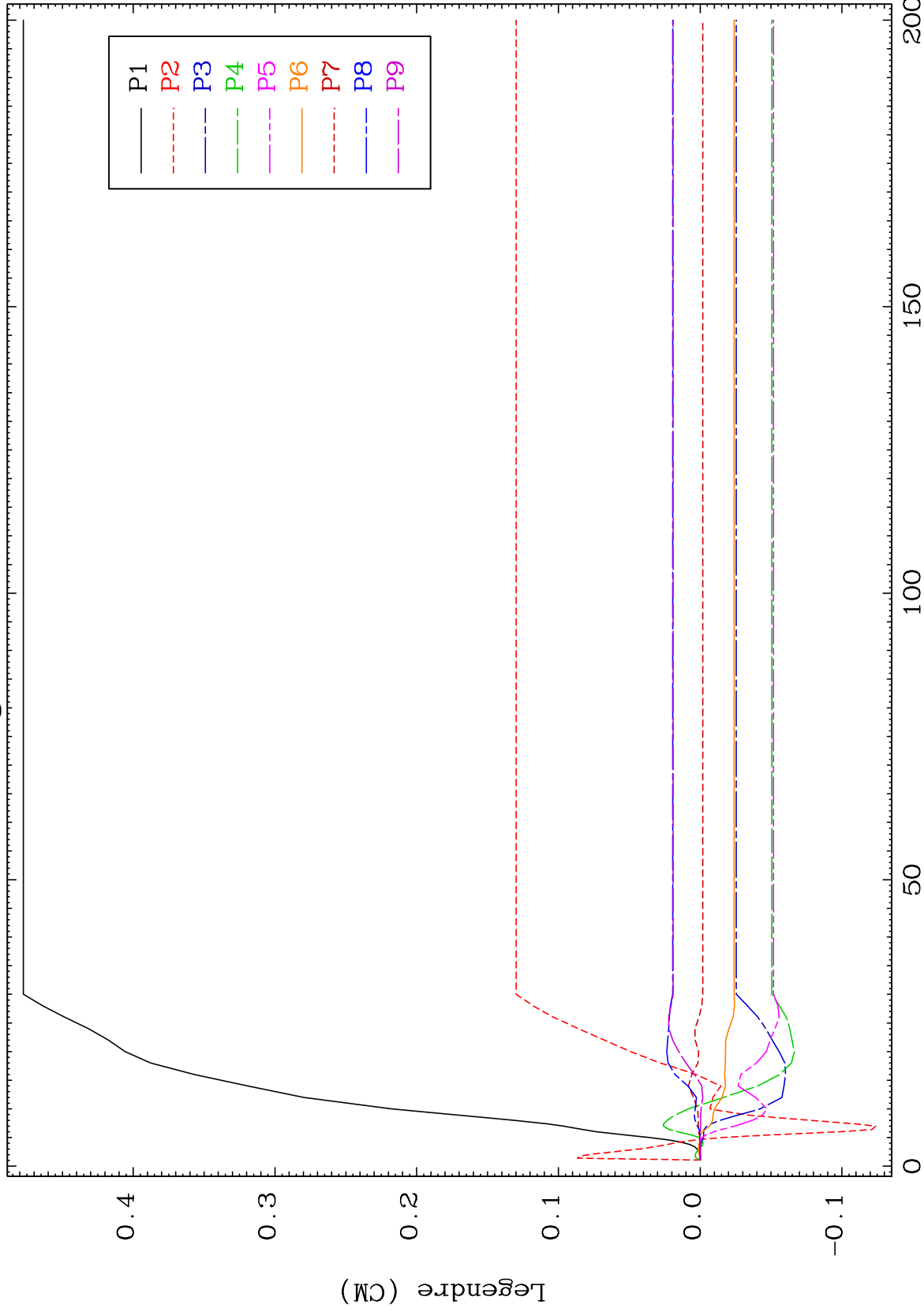
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MAT 8337

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

83-Bi-213



52

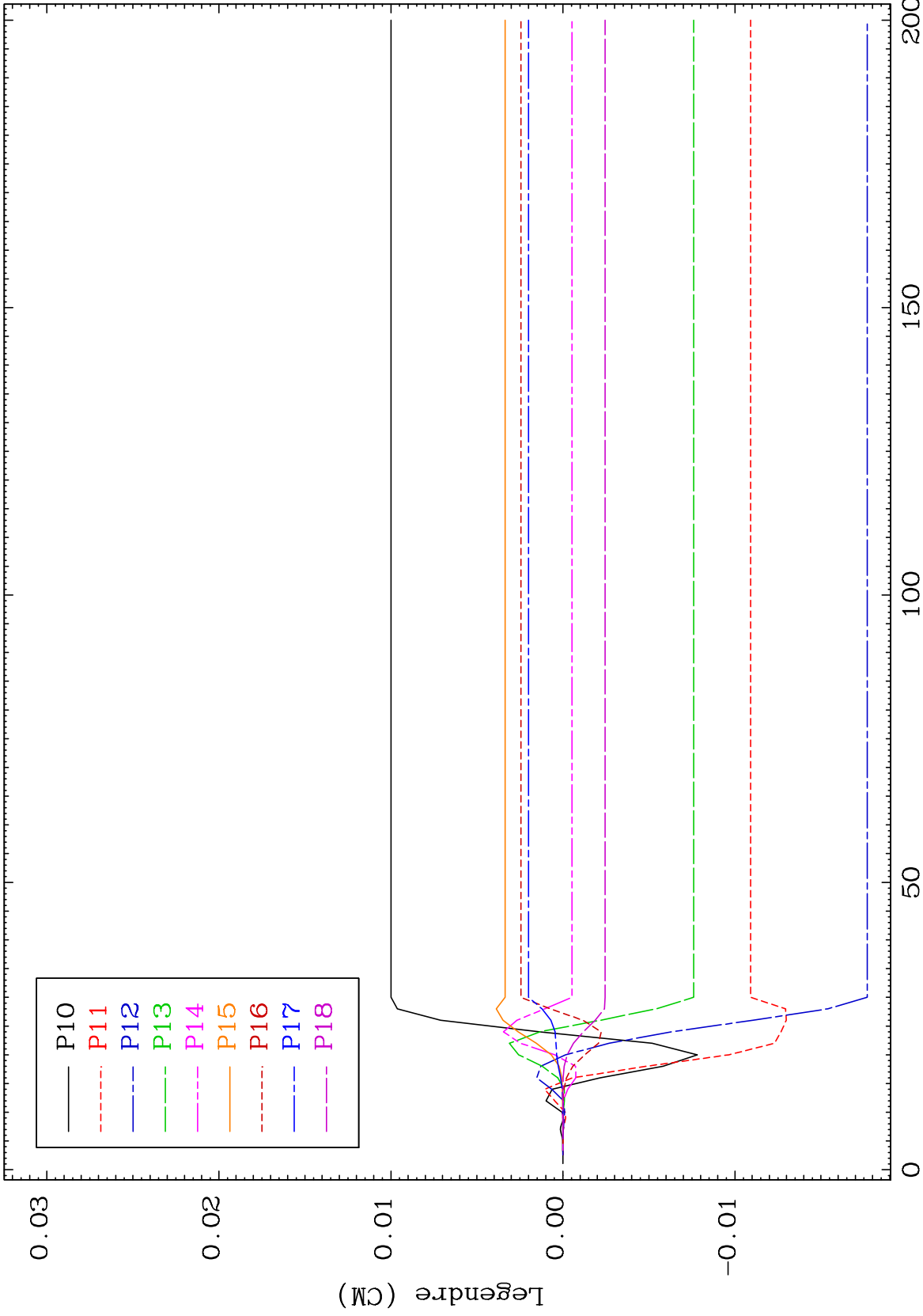
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



53

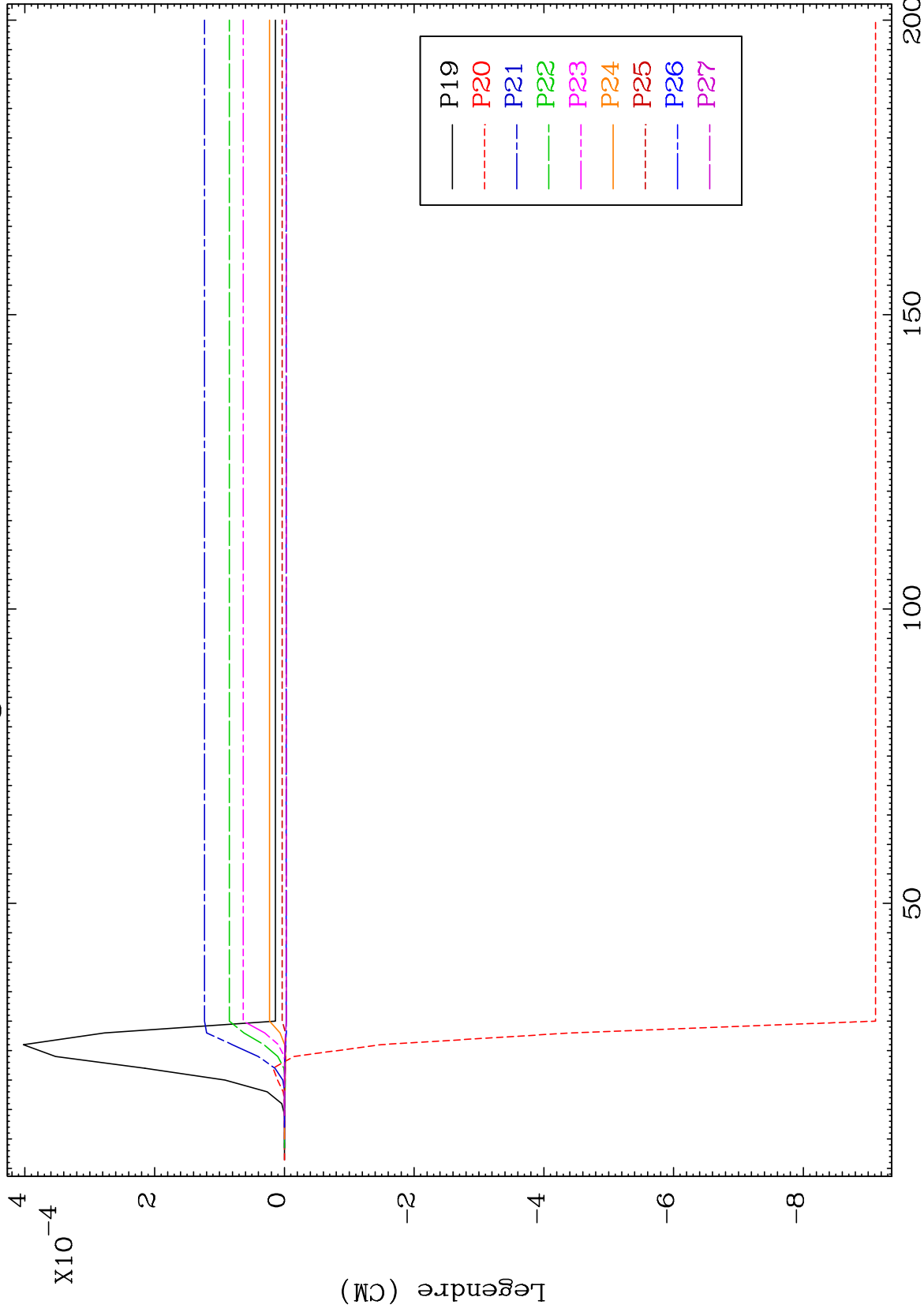
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



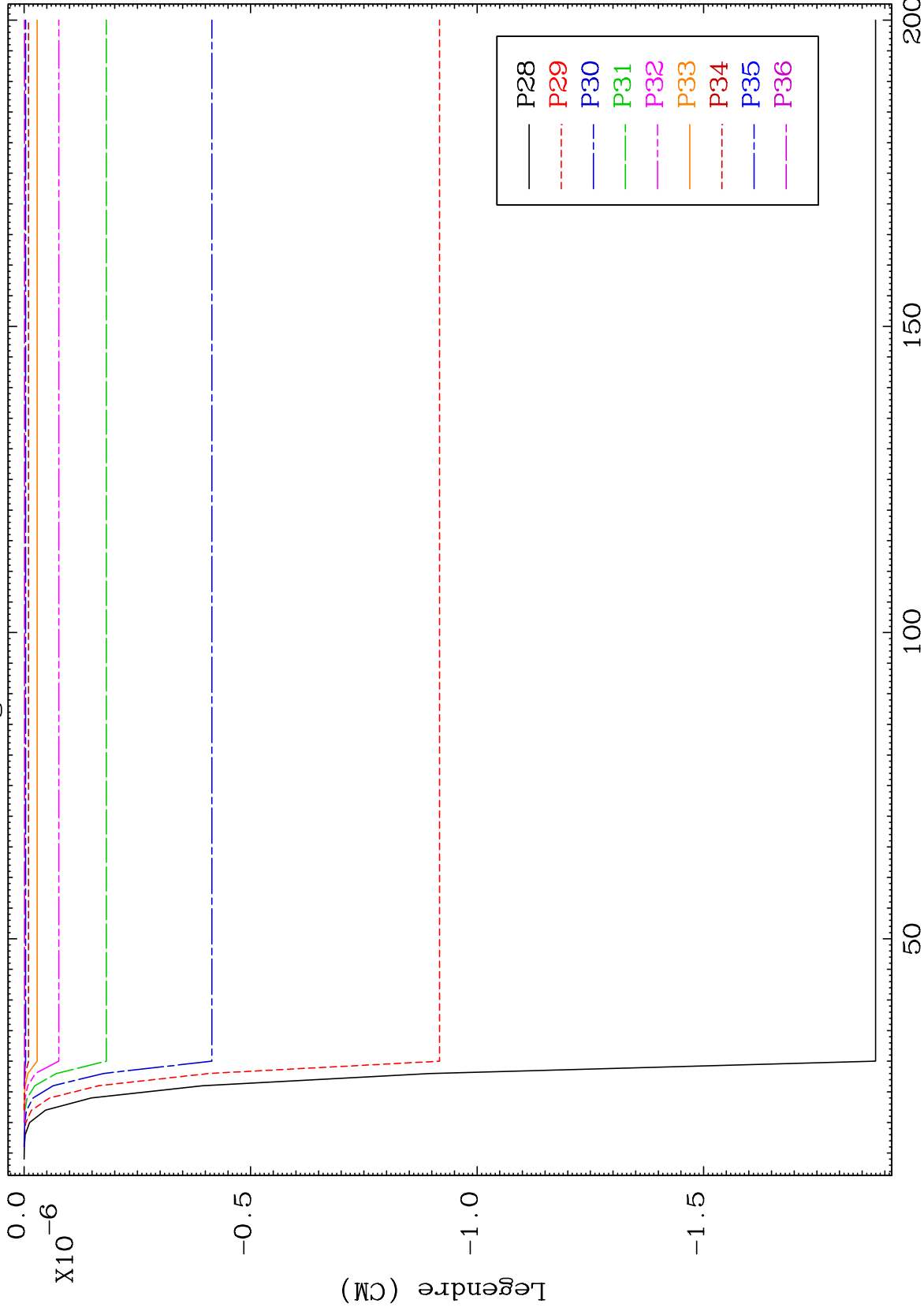
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83-Bi-213

MAT 8337

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

83-Bi-213



55

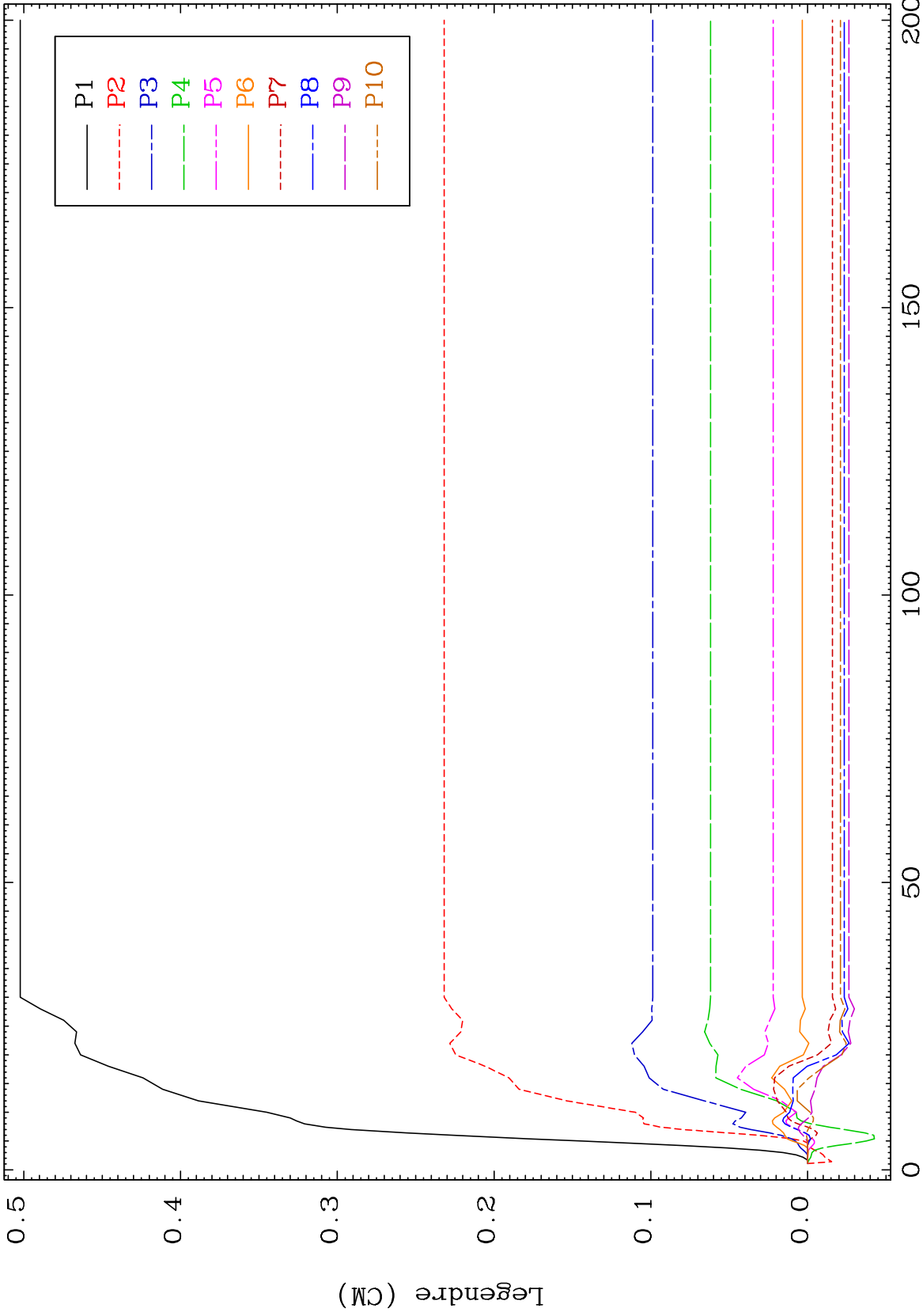
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



56

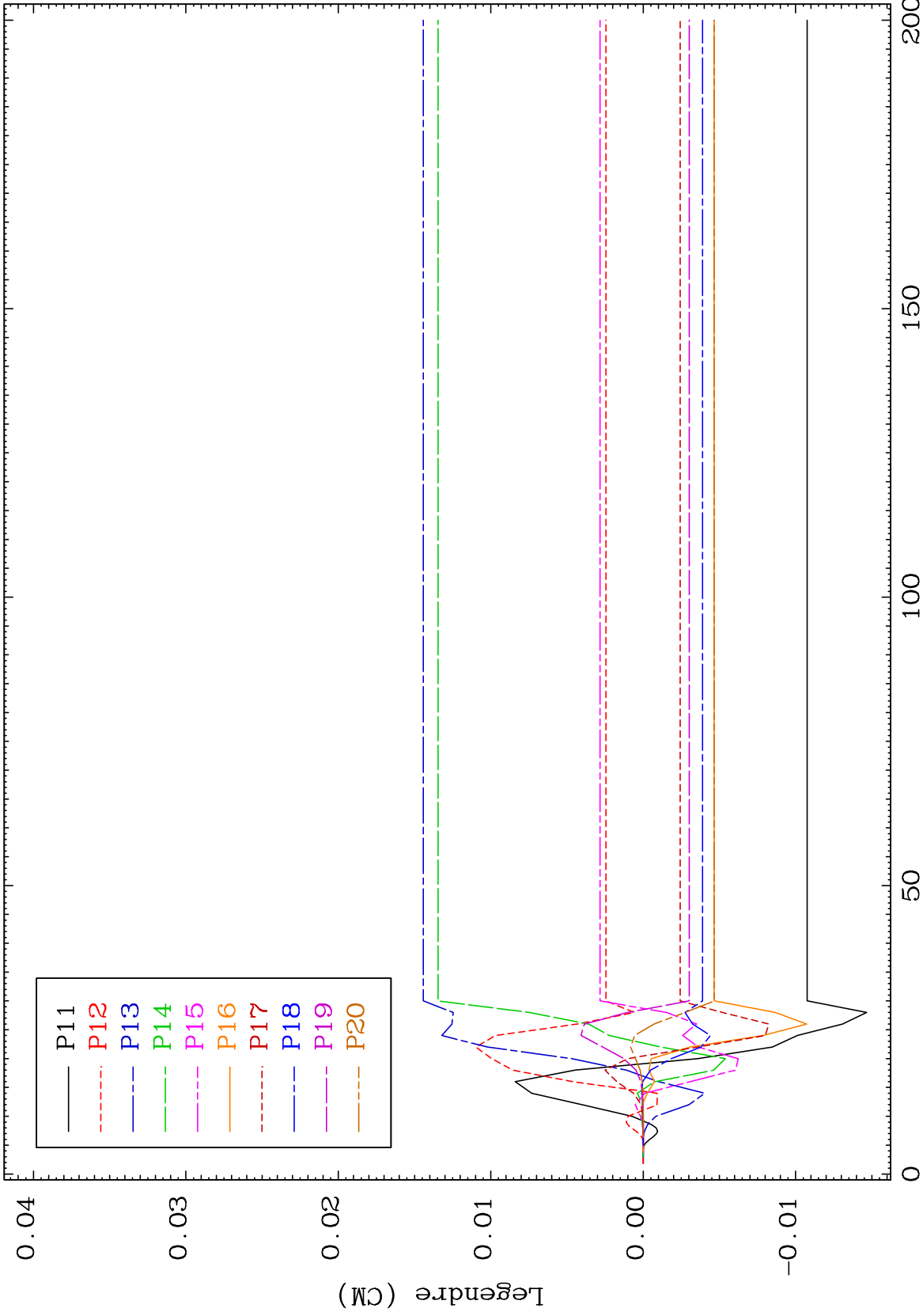
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



57

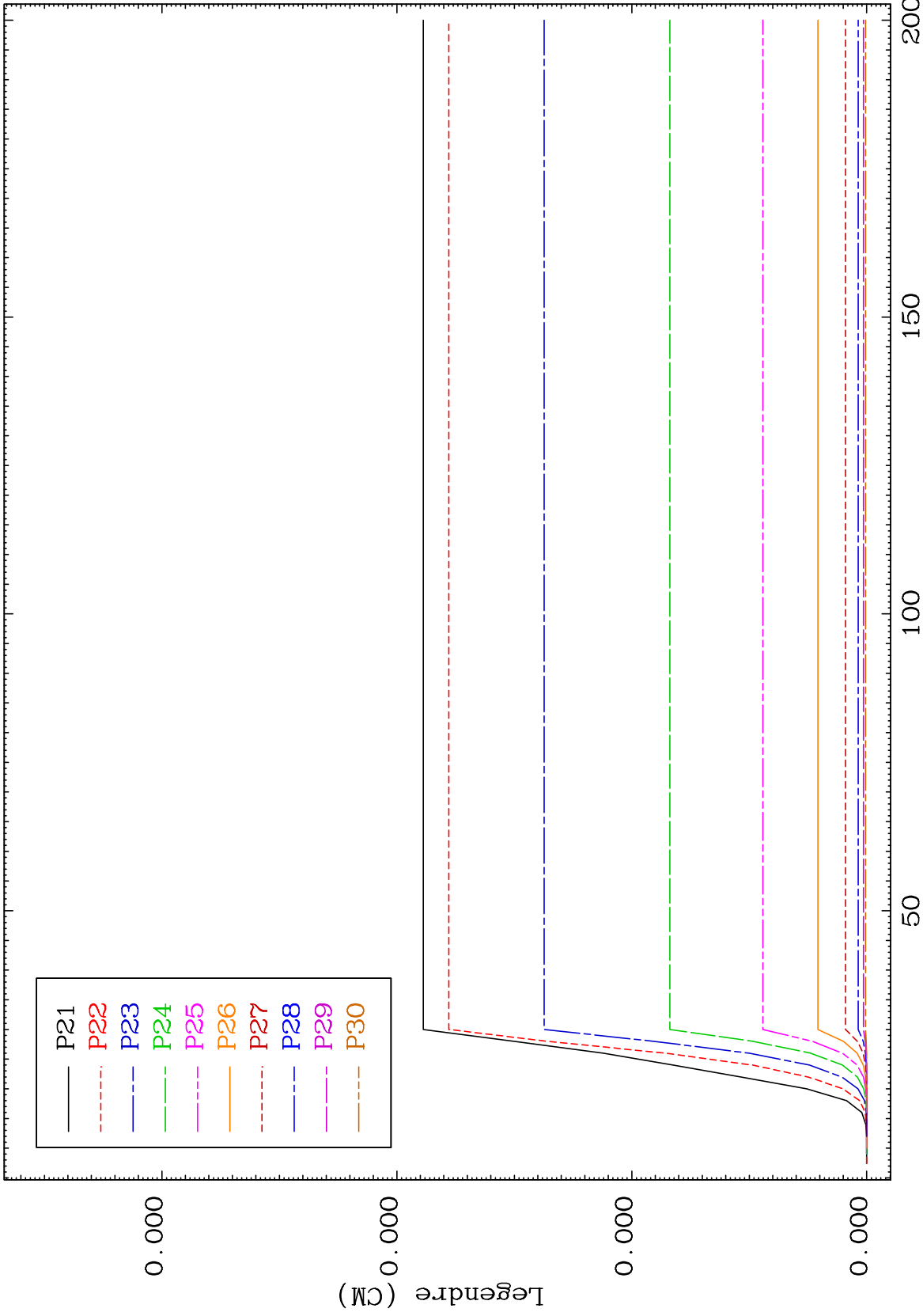
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



58

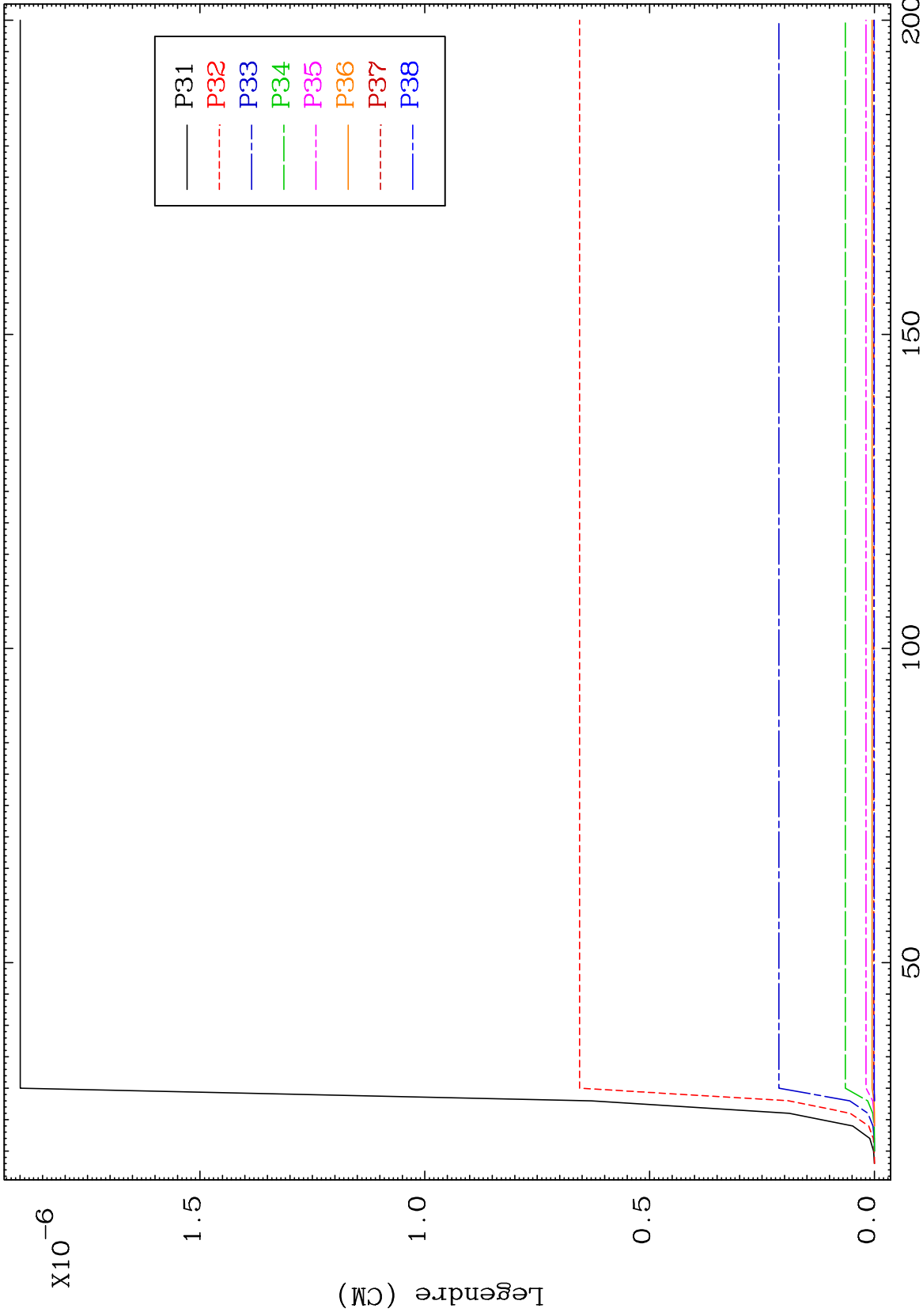
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



59

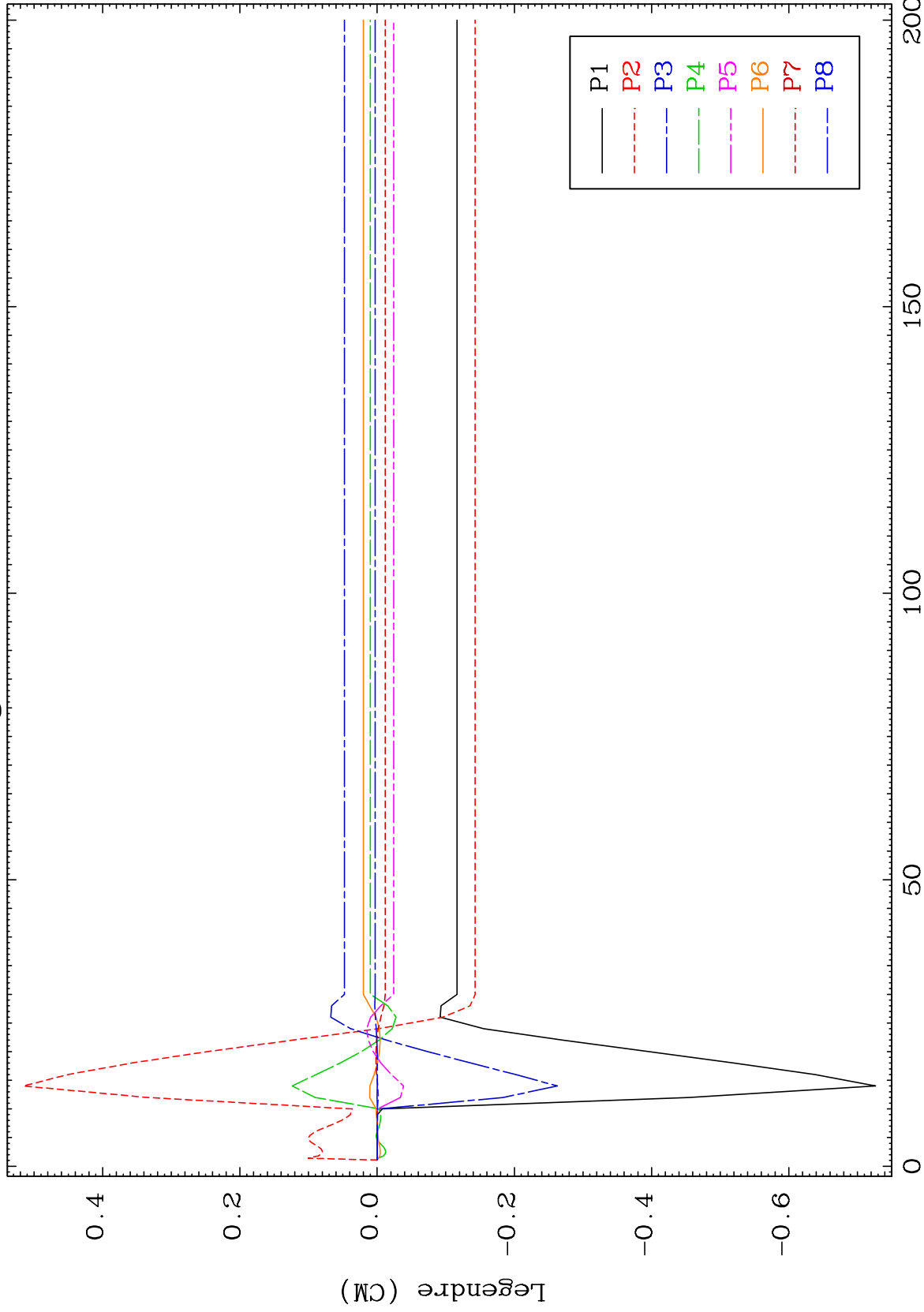
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



60

Incident Energy (MeV)

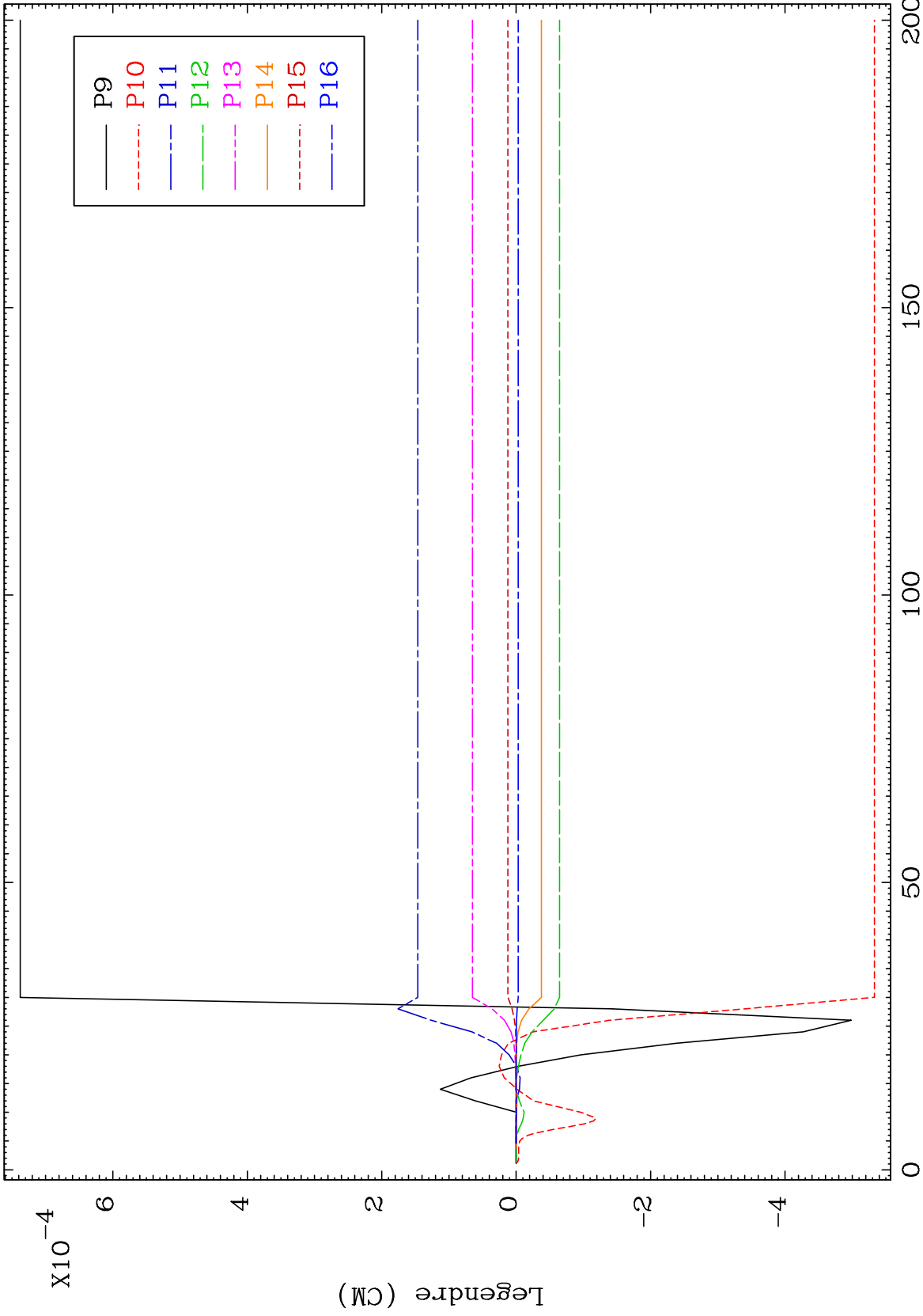
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83-Bi-213

MAT 8337

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

83-Bi-213



61

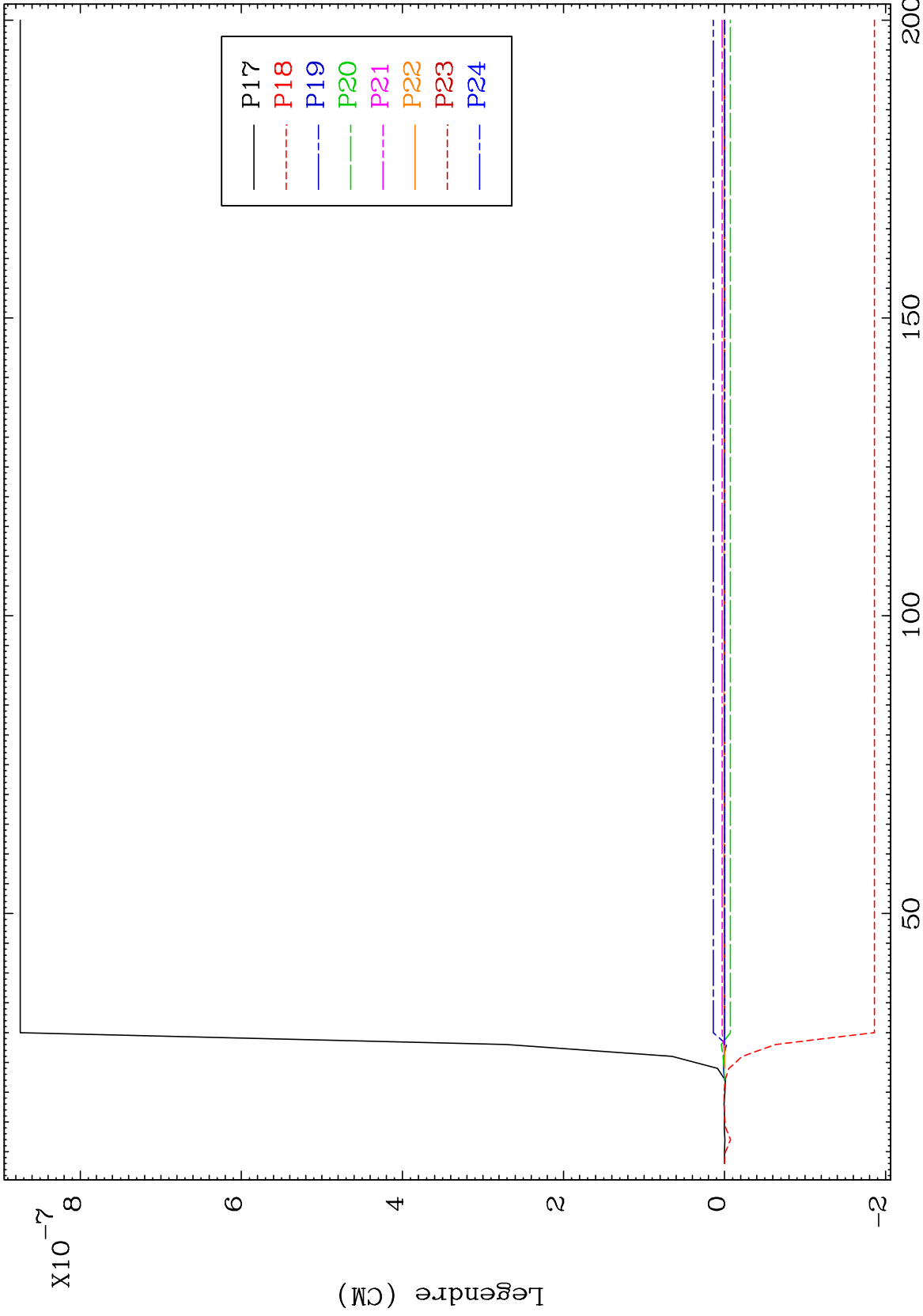
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



62

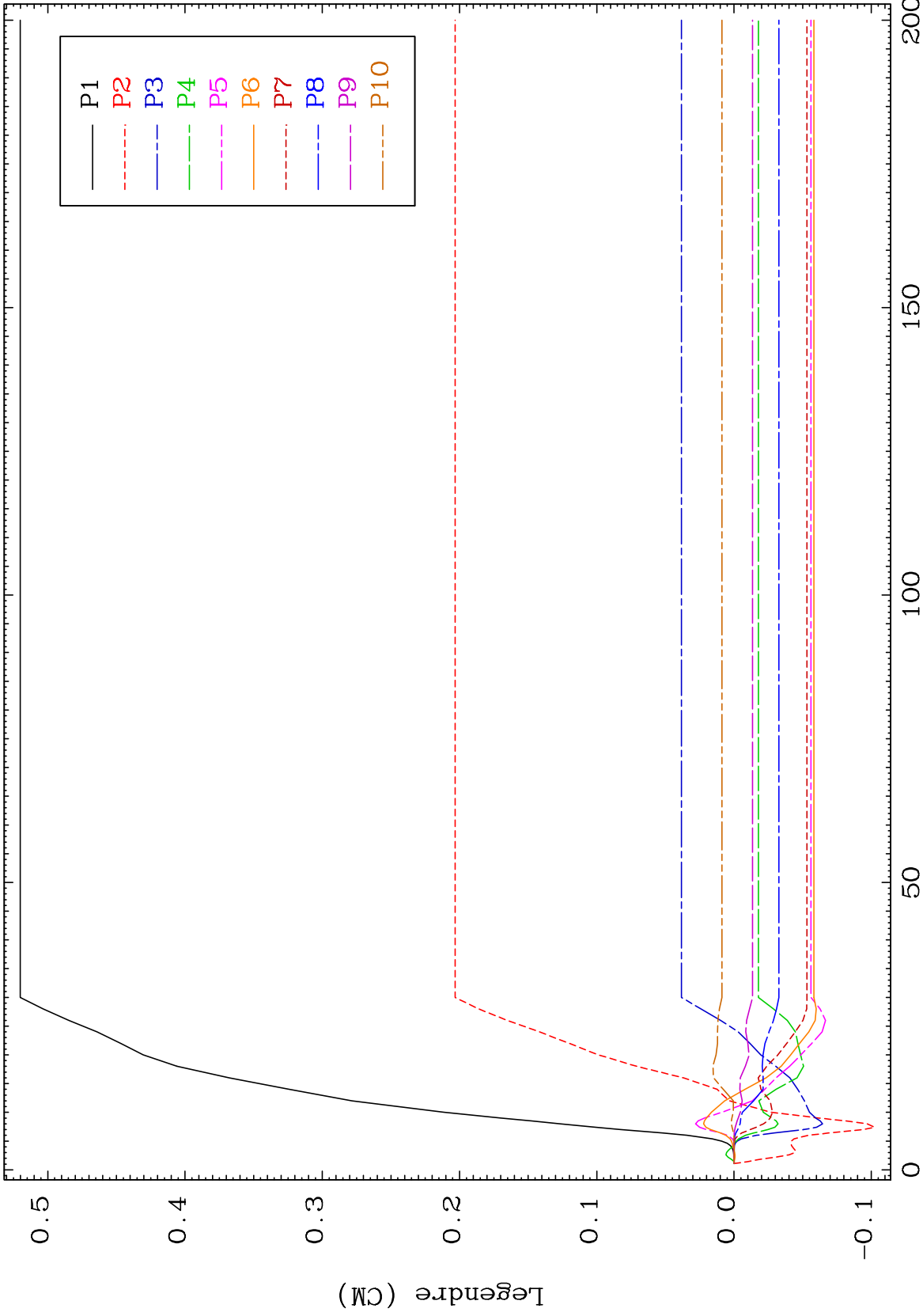
83-Bi-213

83-Bi-213

MAT 8337

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

83-Bi-213



63

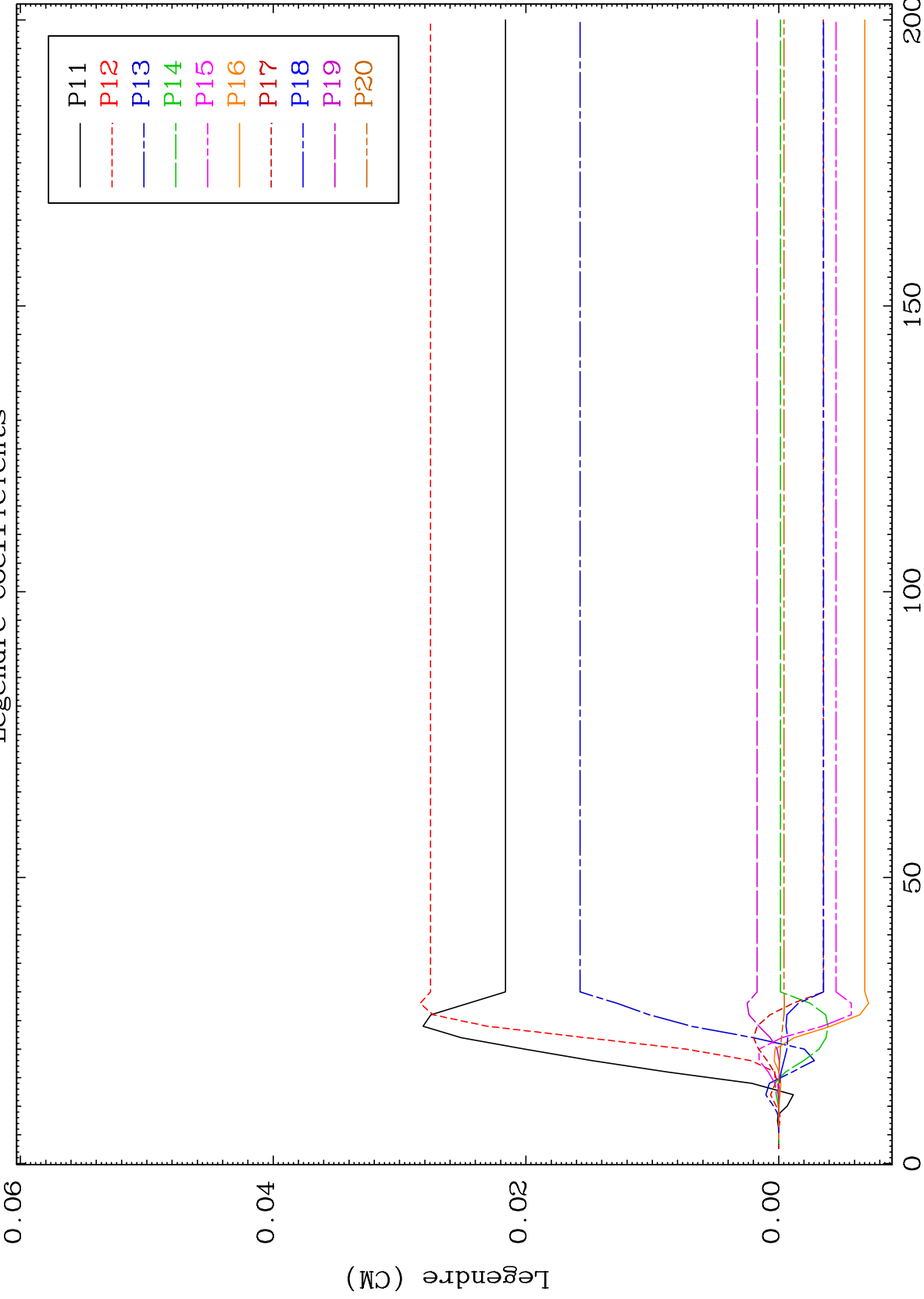
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



64

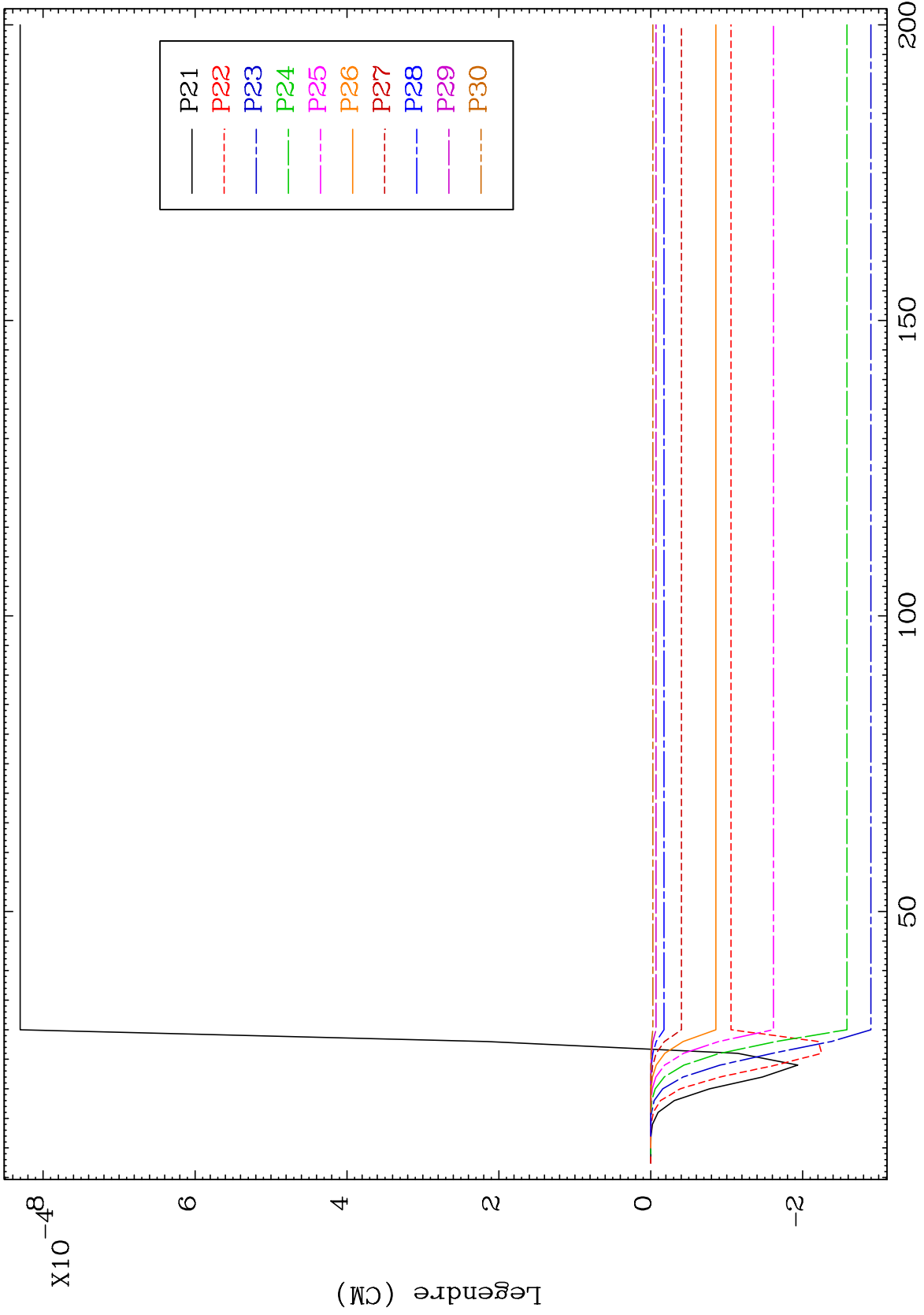
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



65

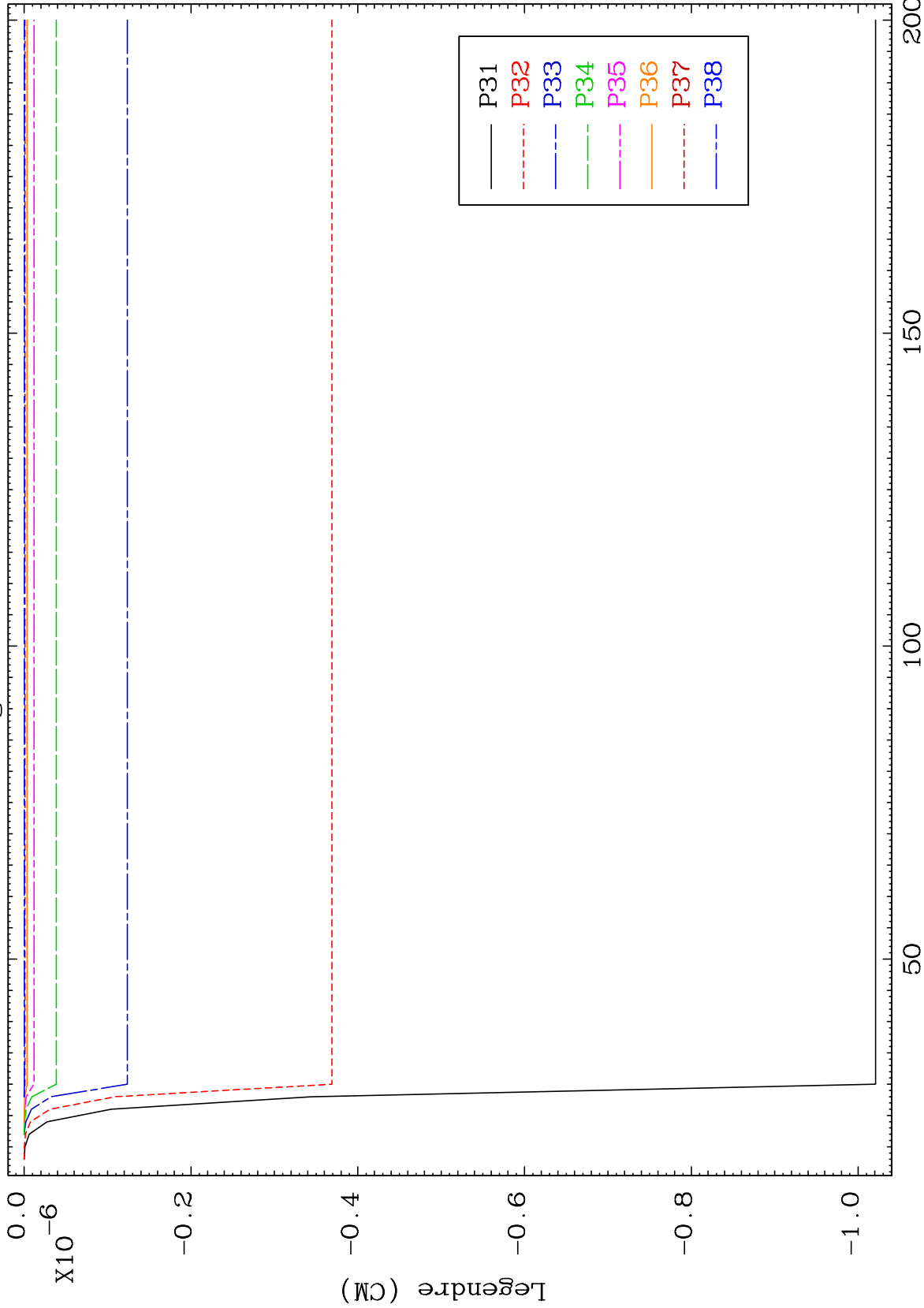
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



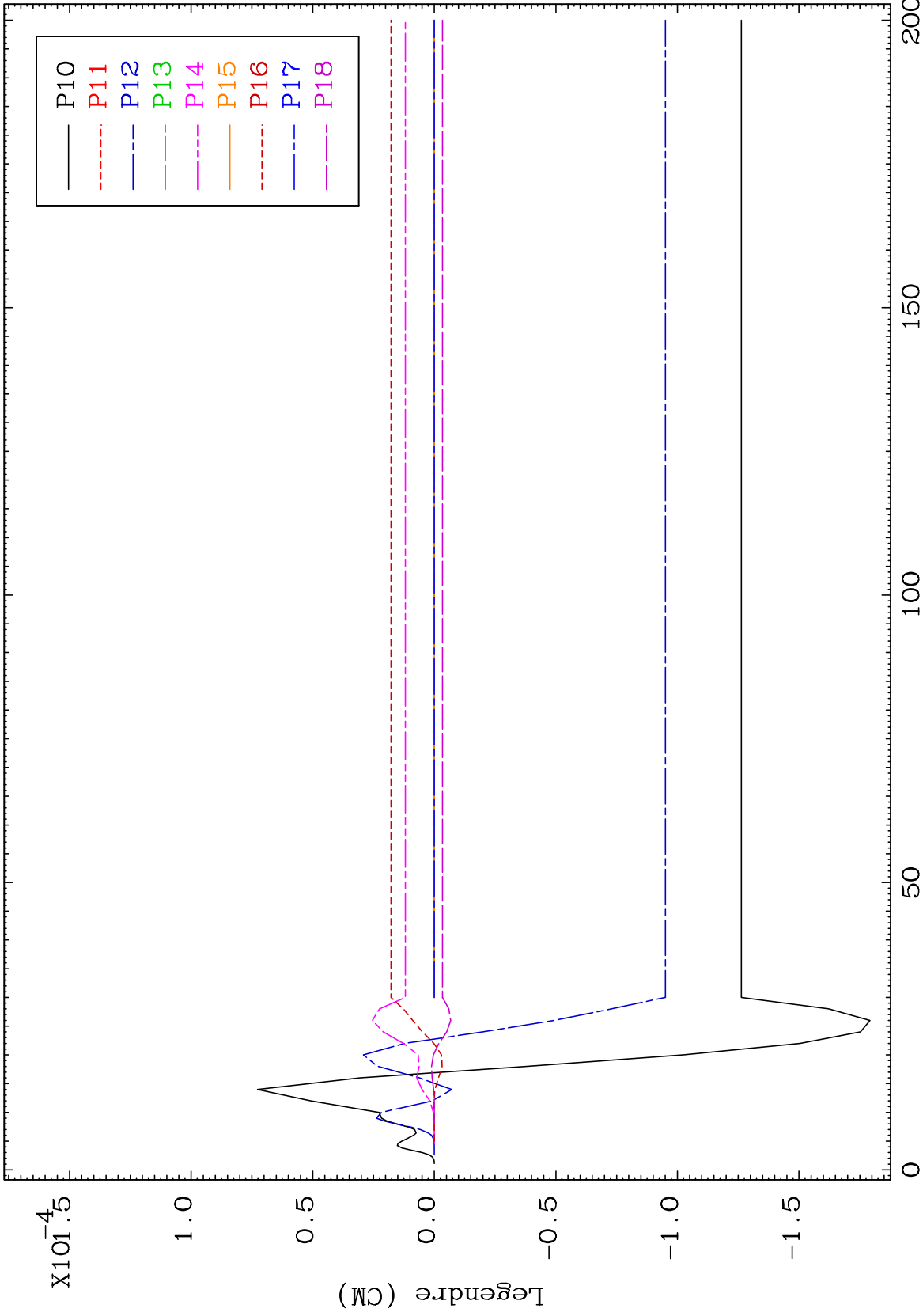
66

83-Bi-213

MAT 8337

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

83-Bi-213



68

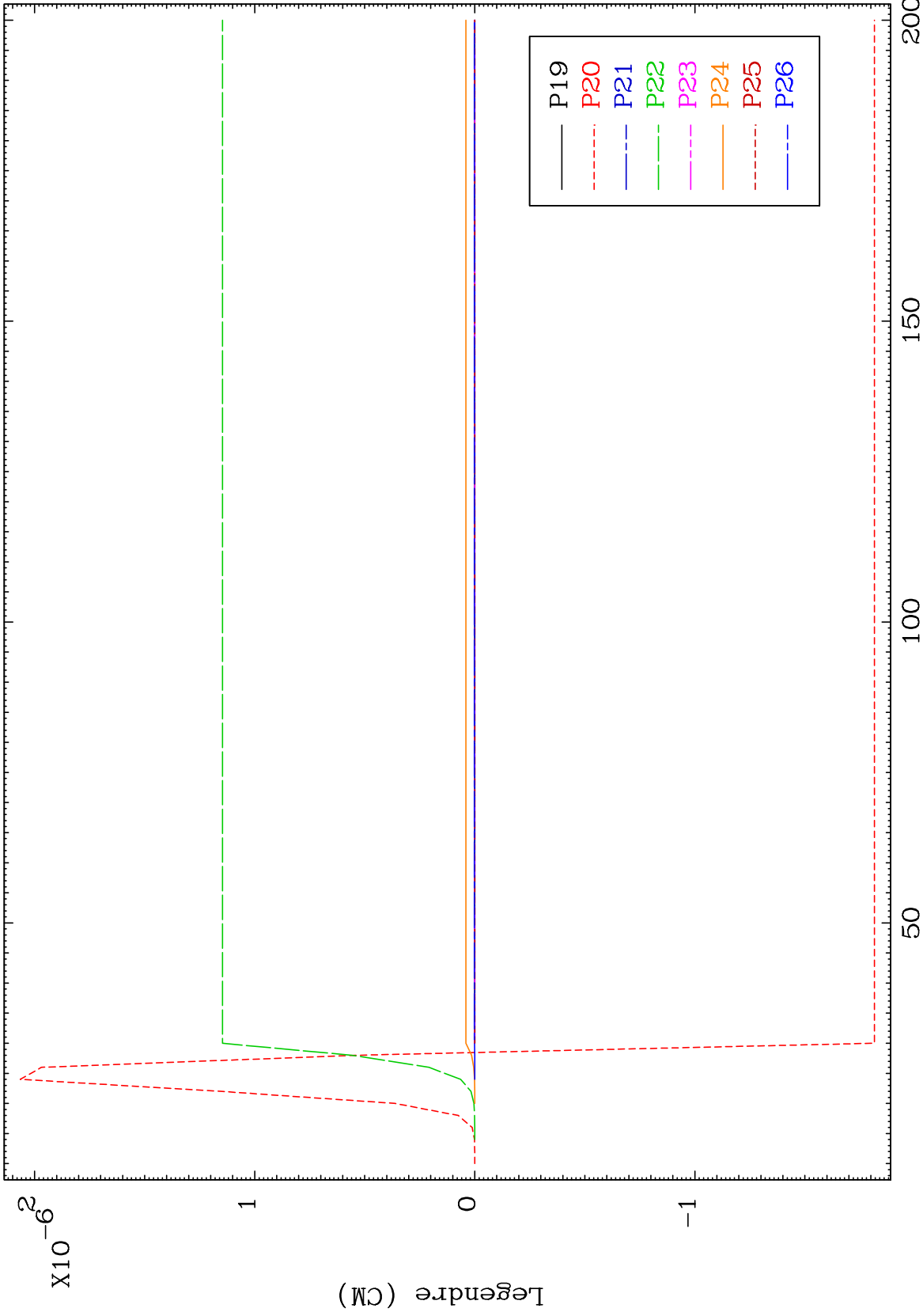
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



69

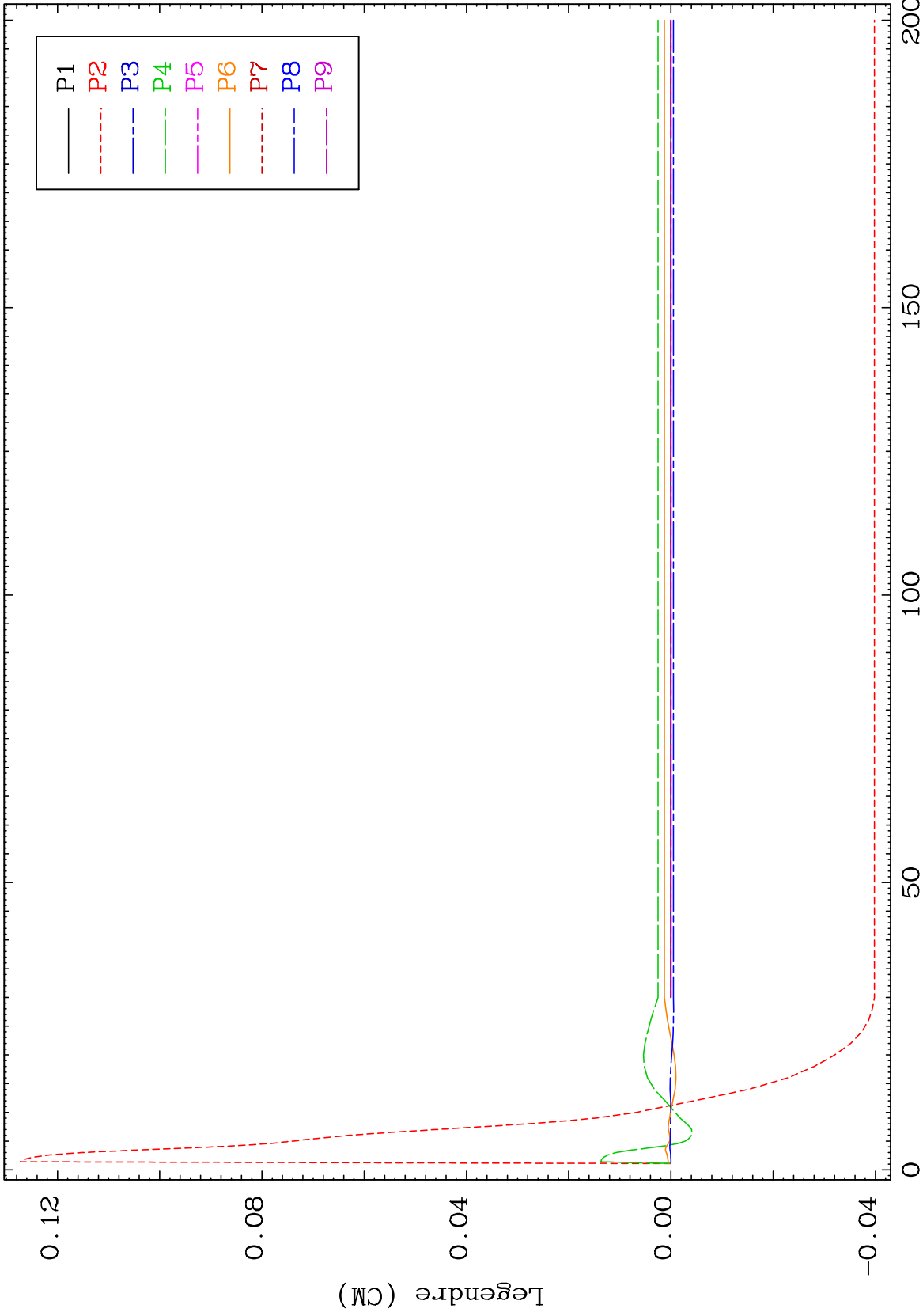
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



70

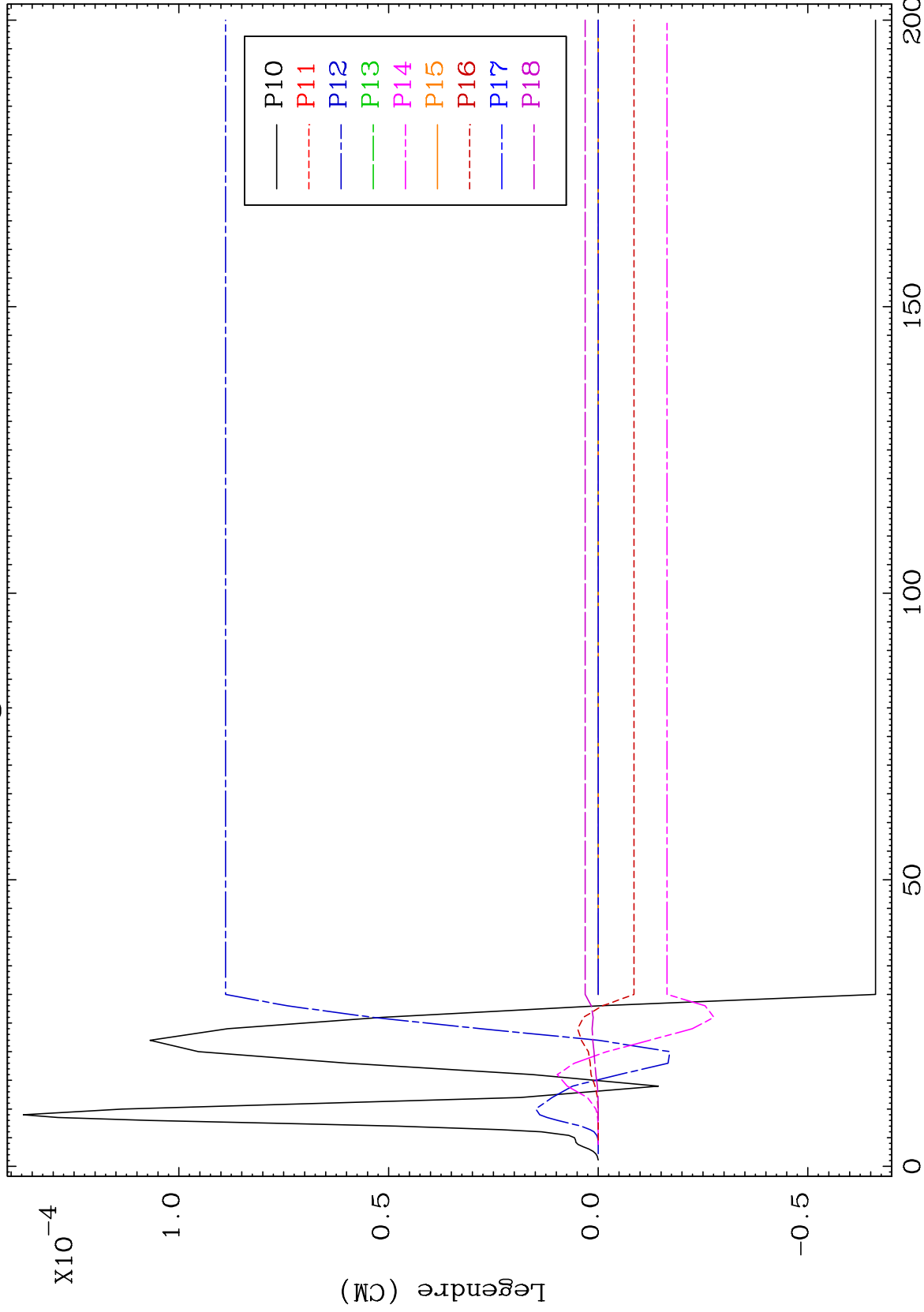
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



71

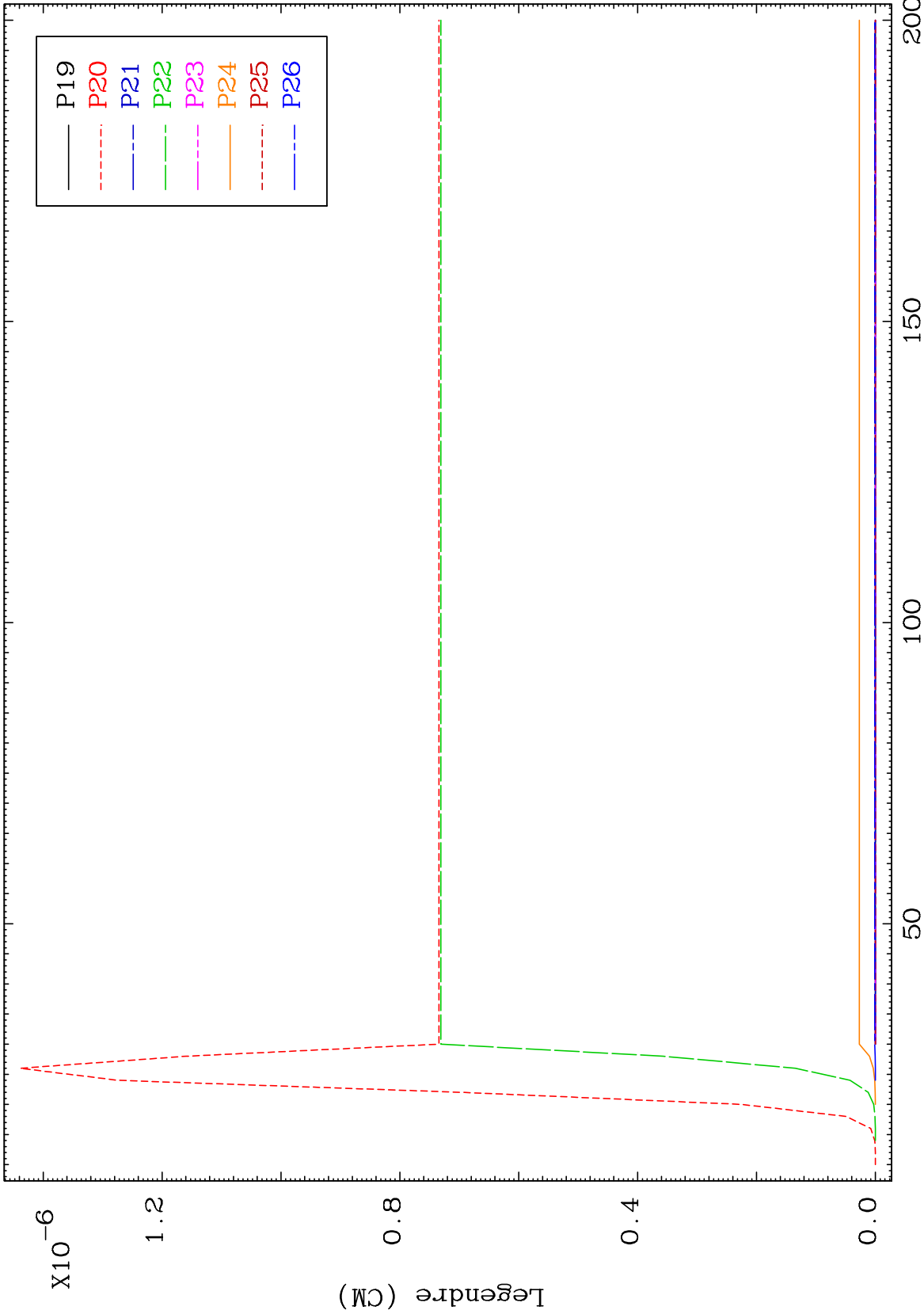
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



72

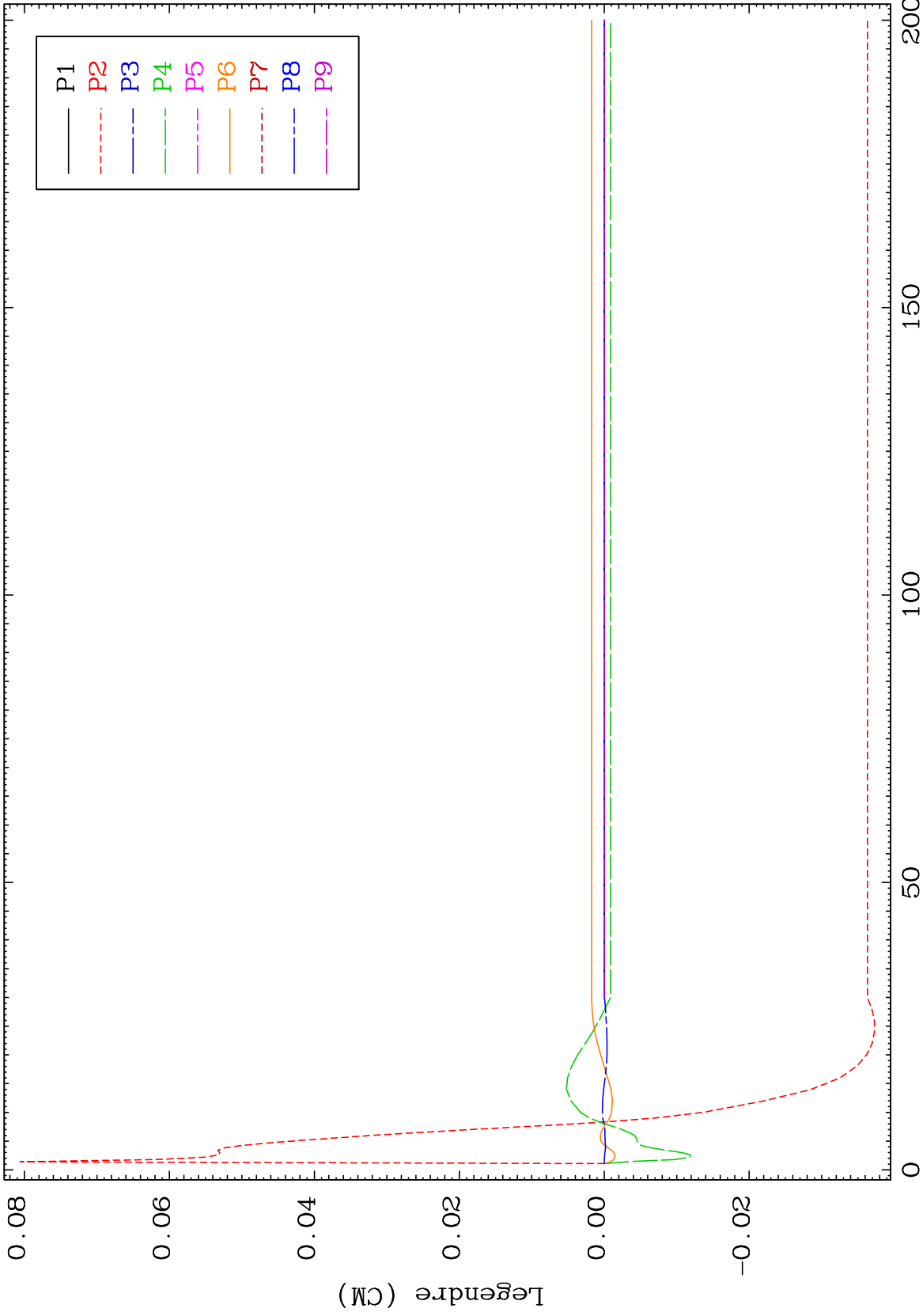
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



73

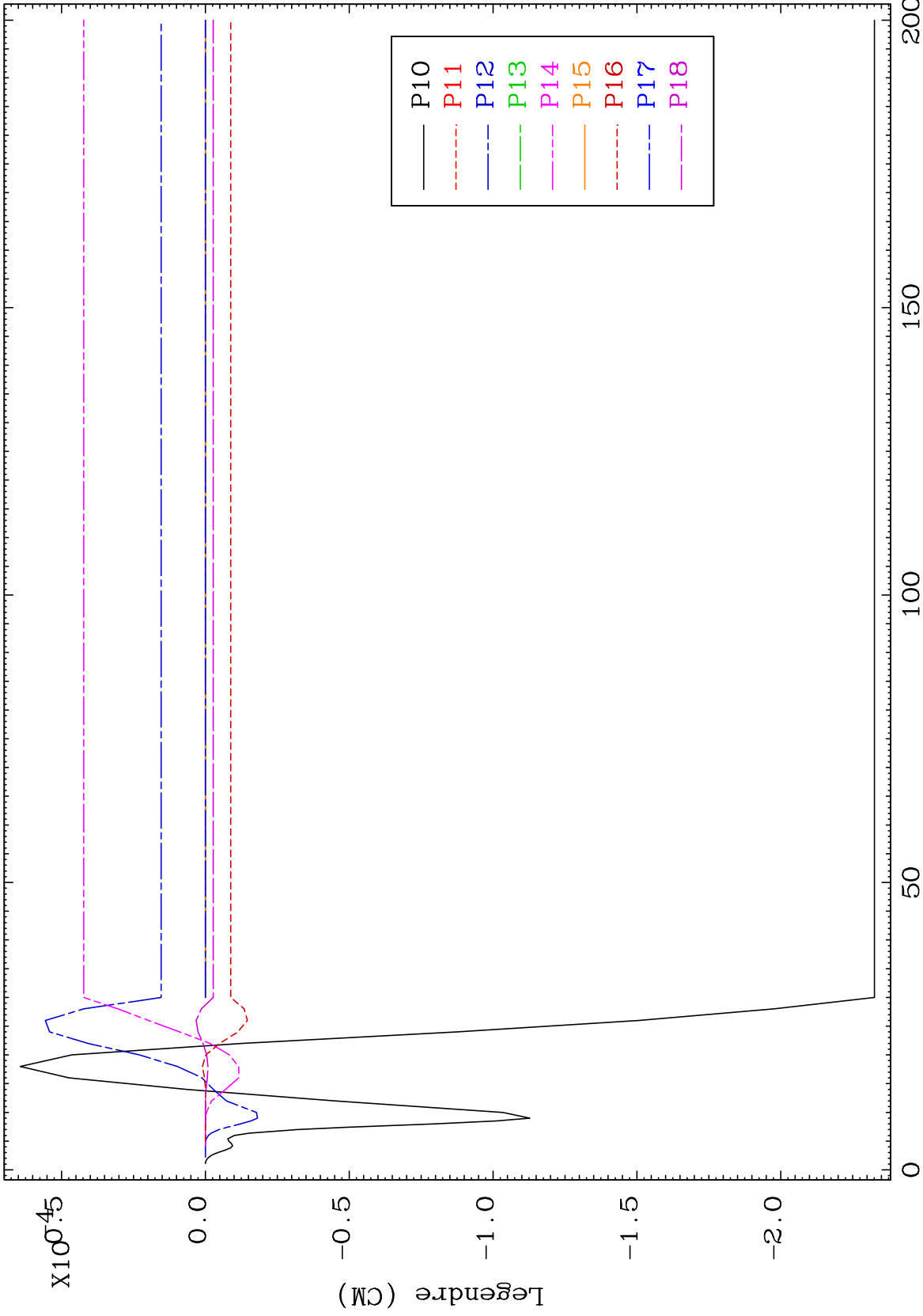
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



74

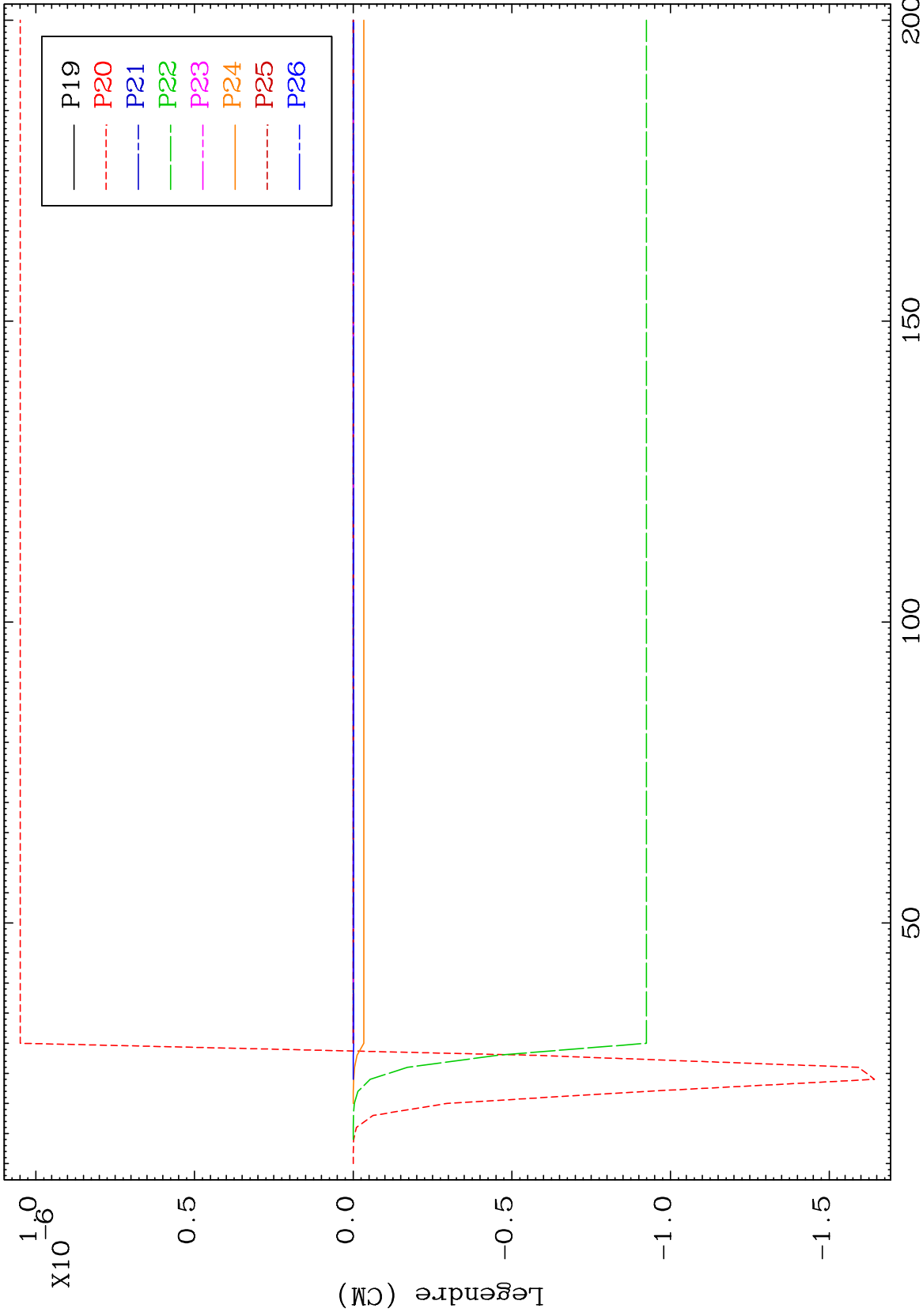
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



75

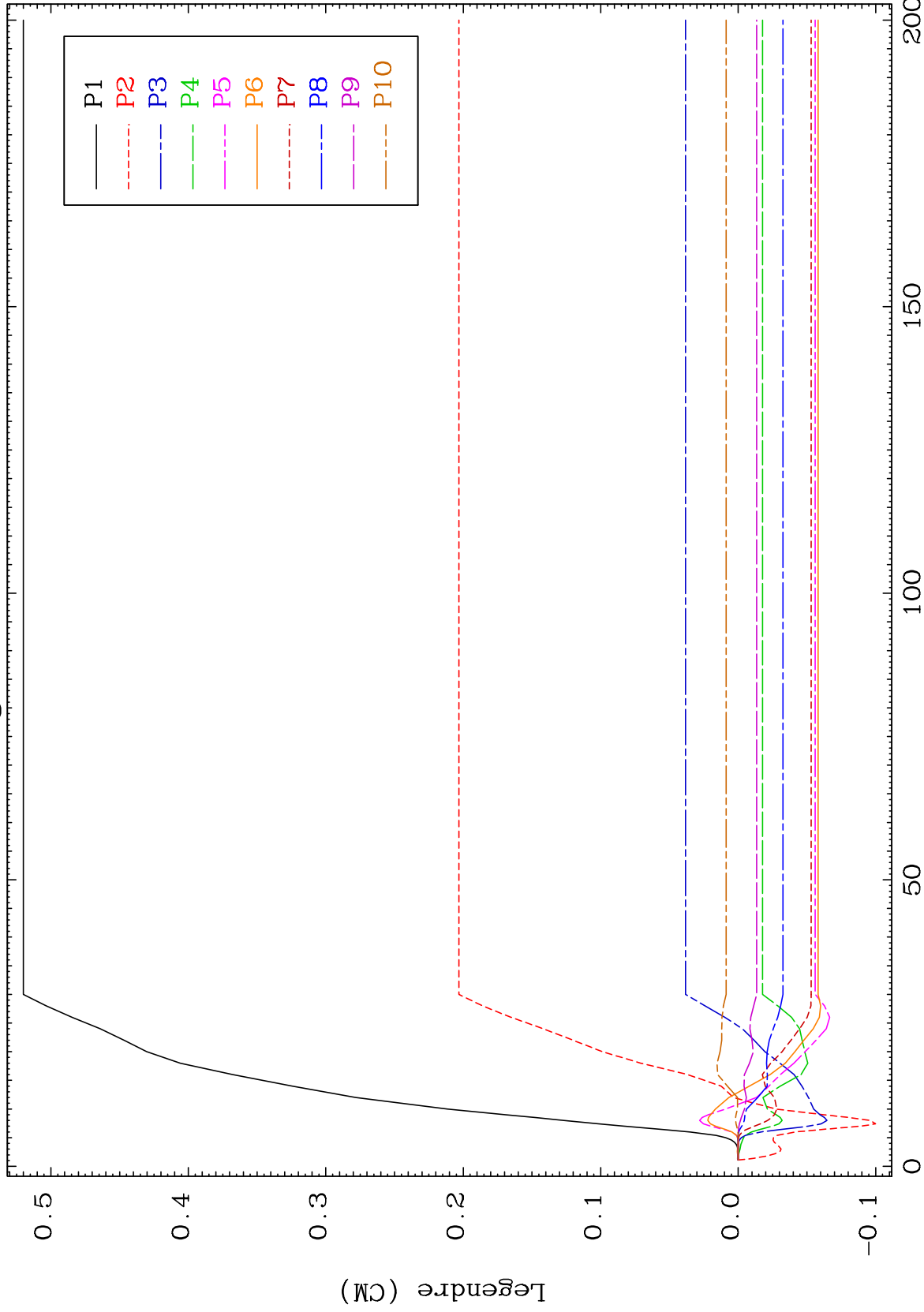
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



76

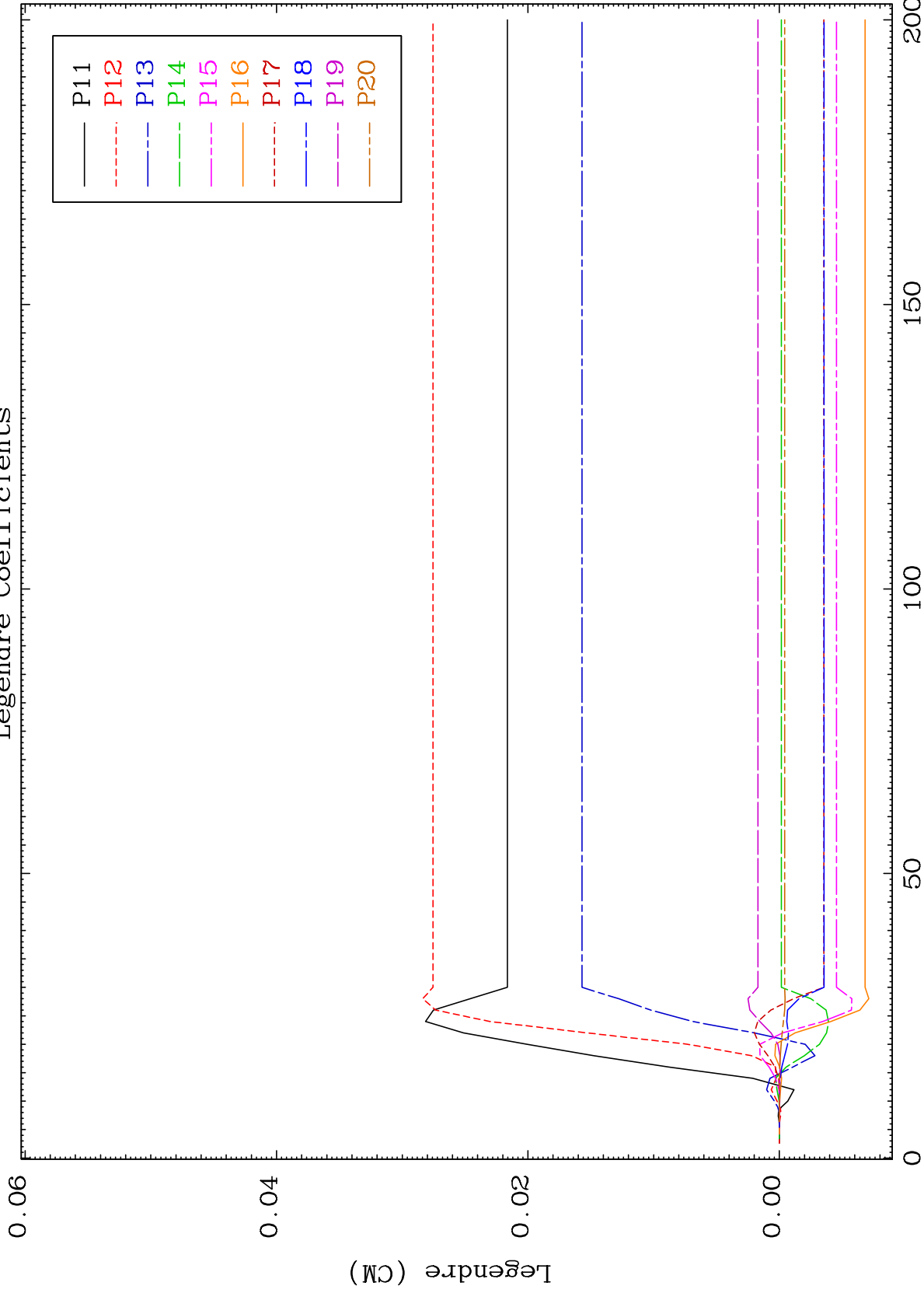
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



77

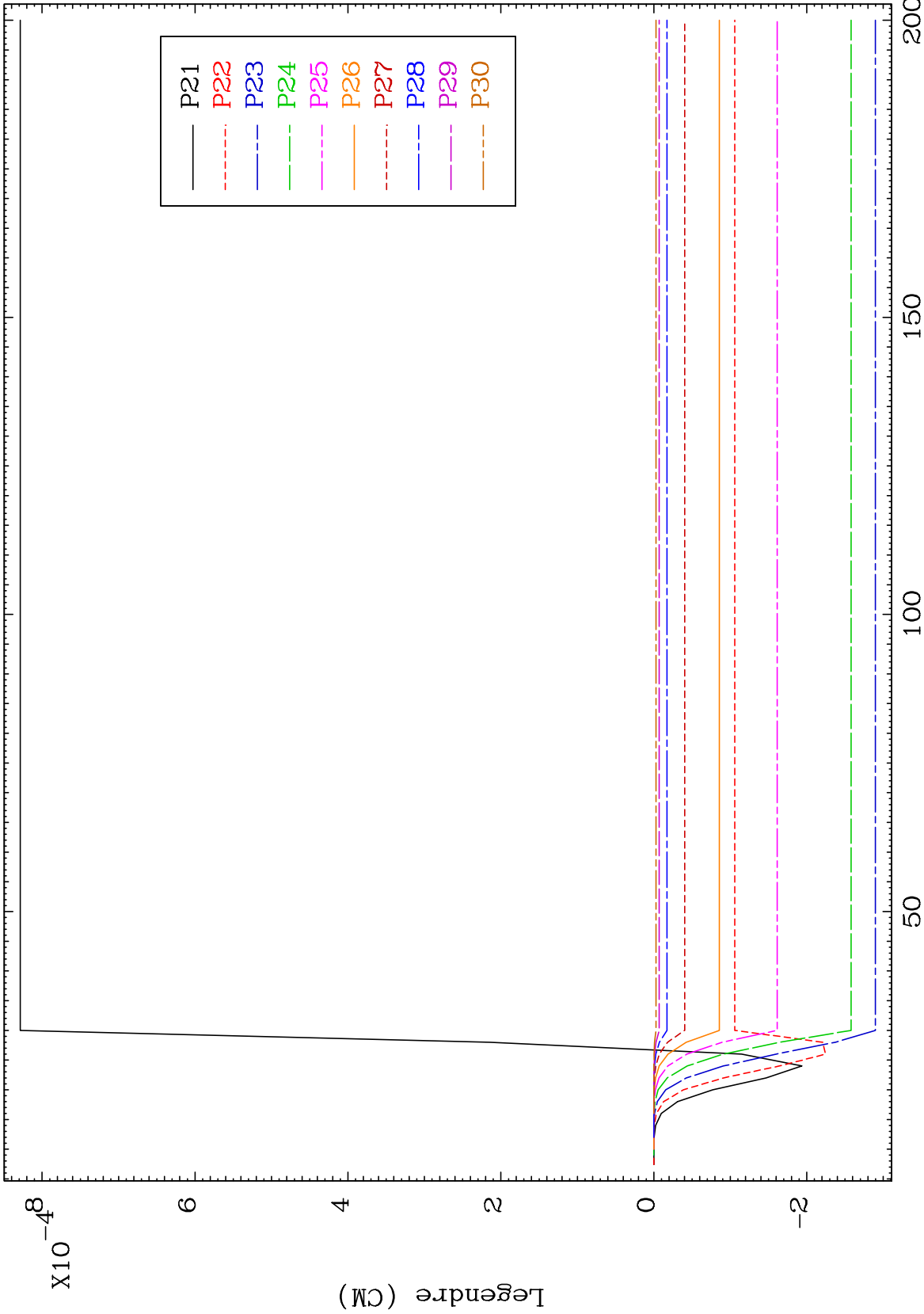
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



78

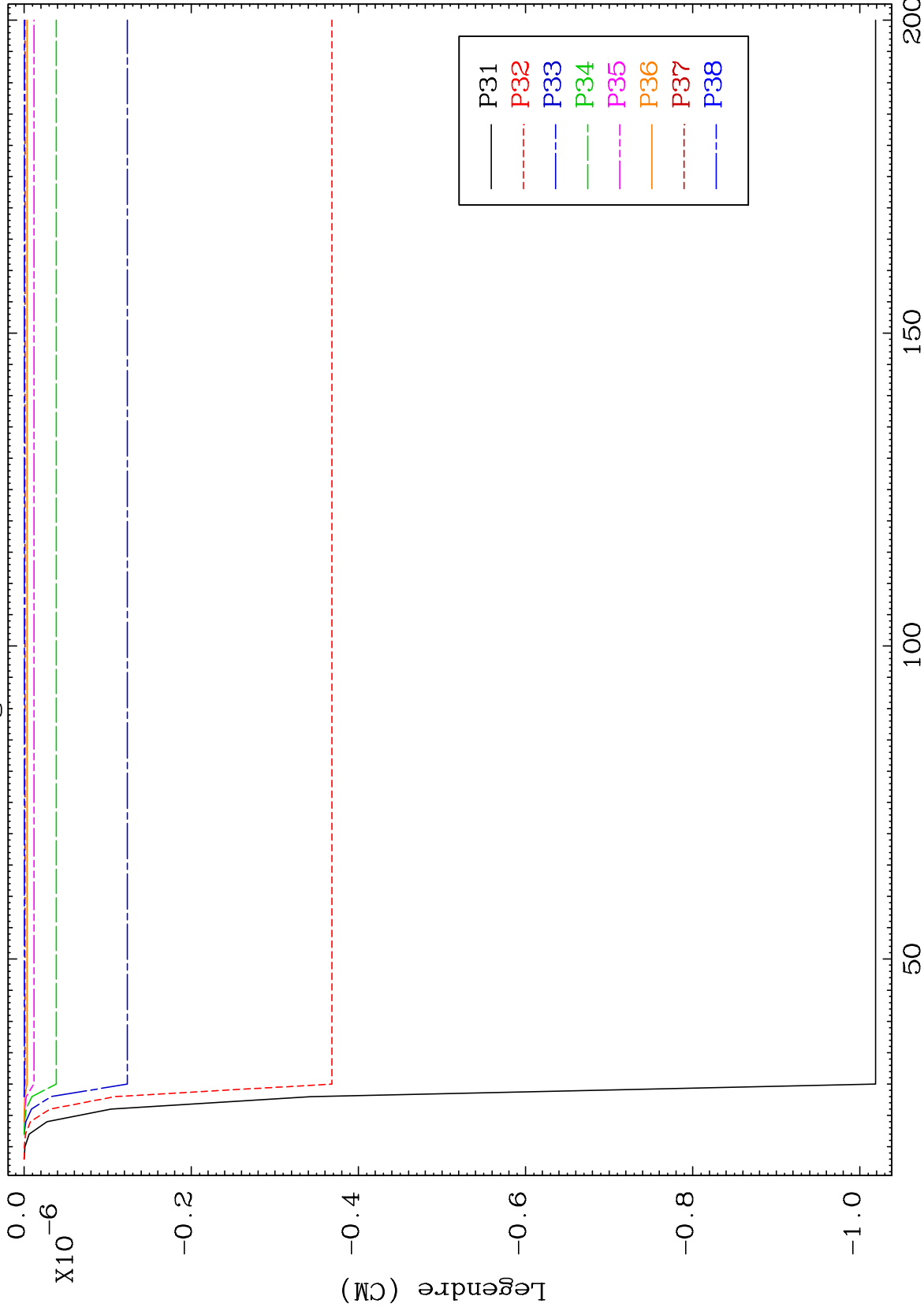
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



79

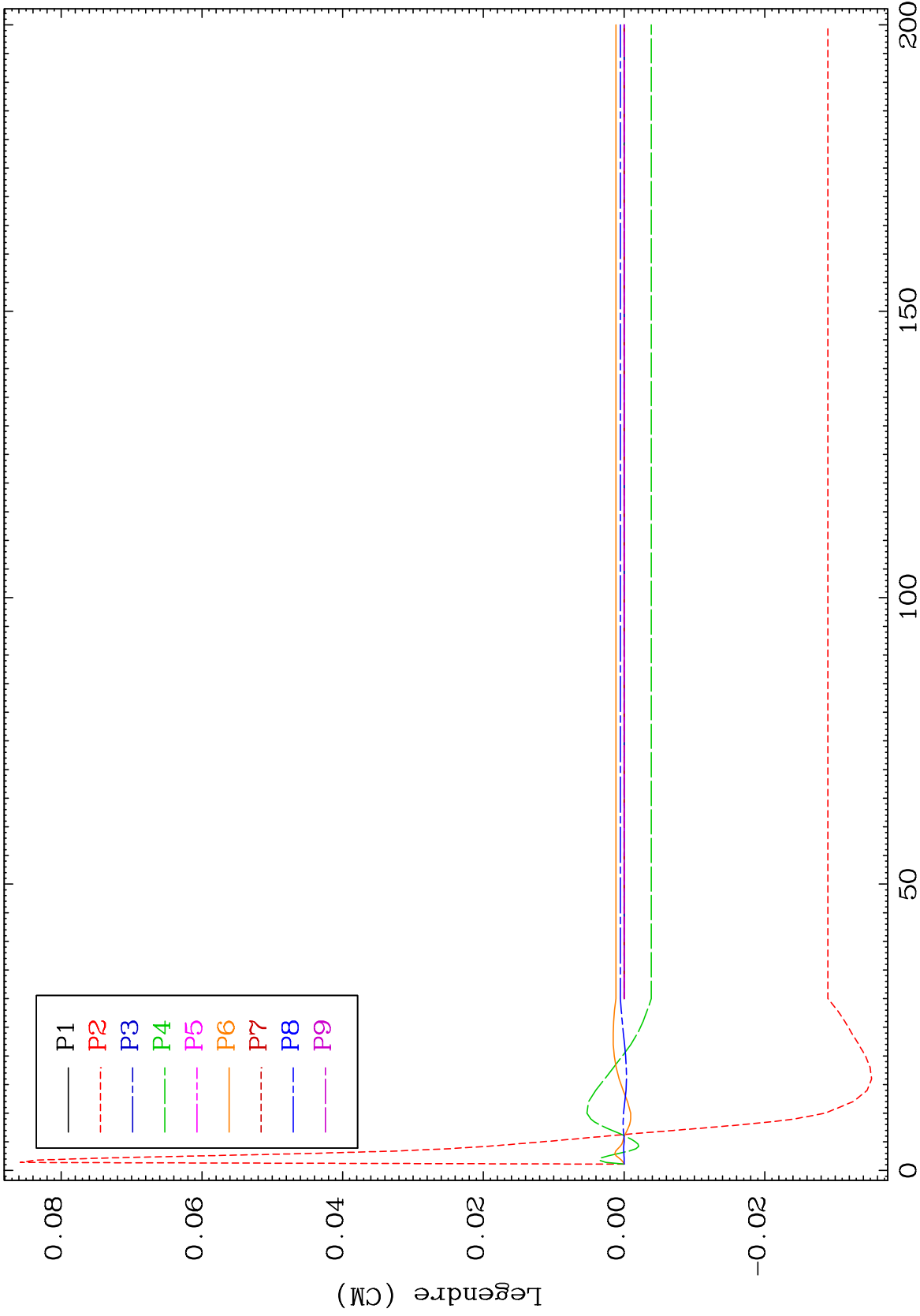
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

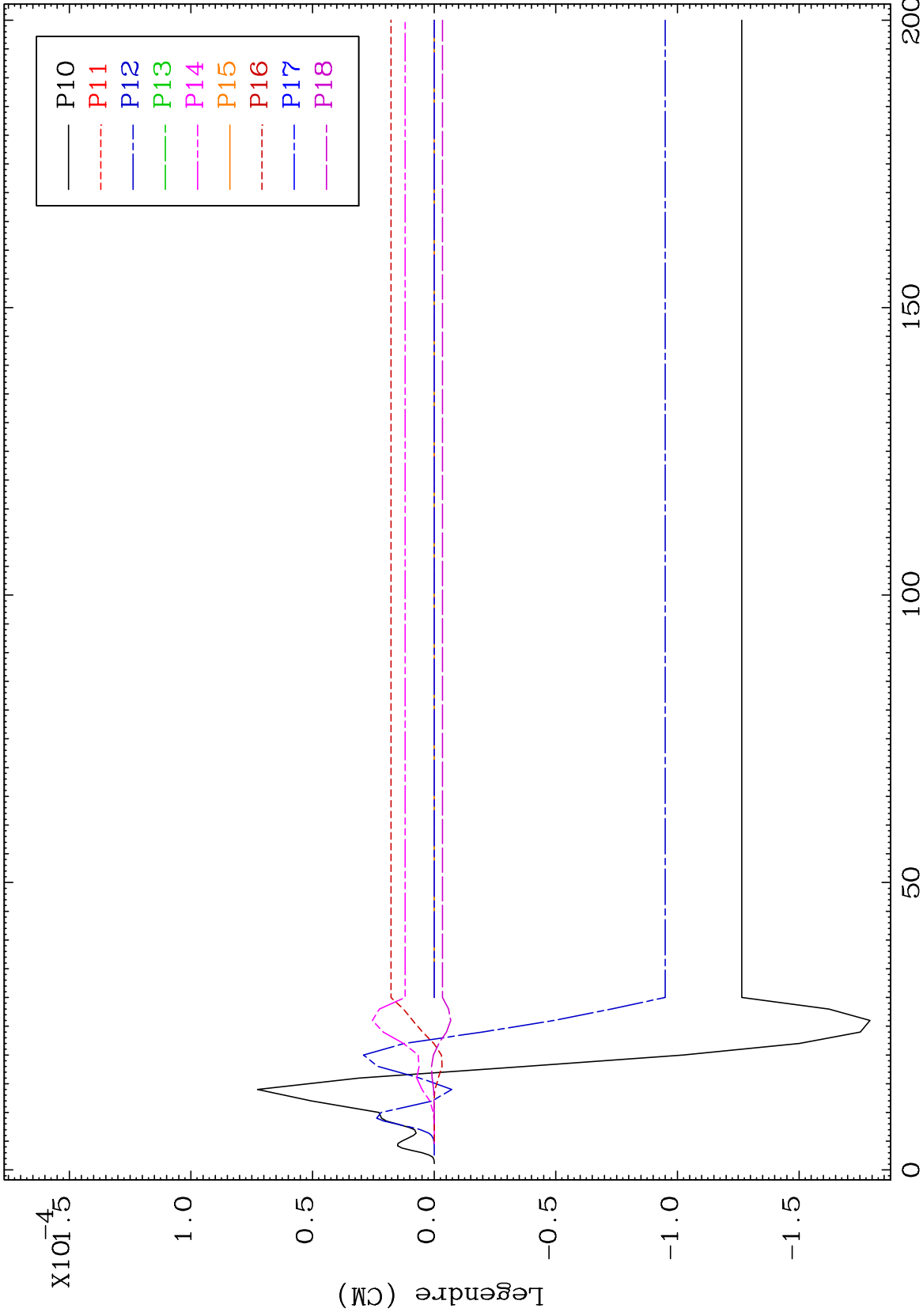


83-Bi-213

MAT 8337

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

83-Bi-213



81

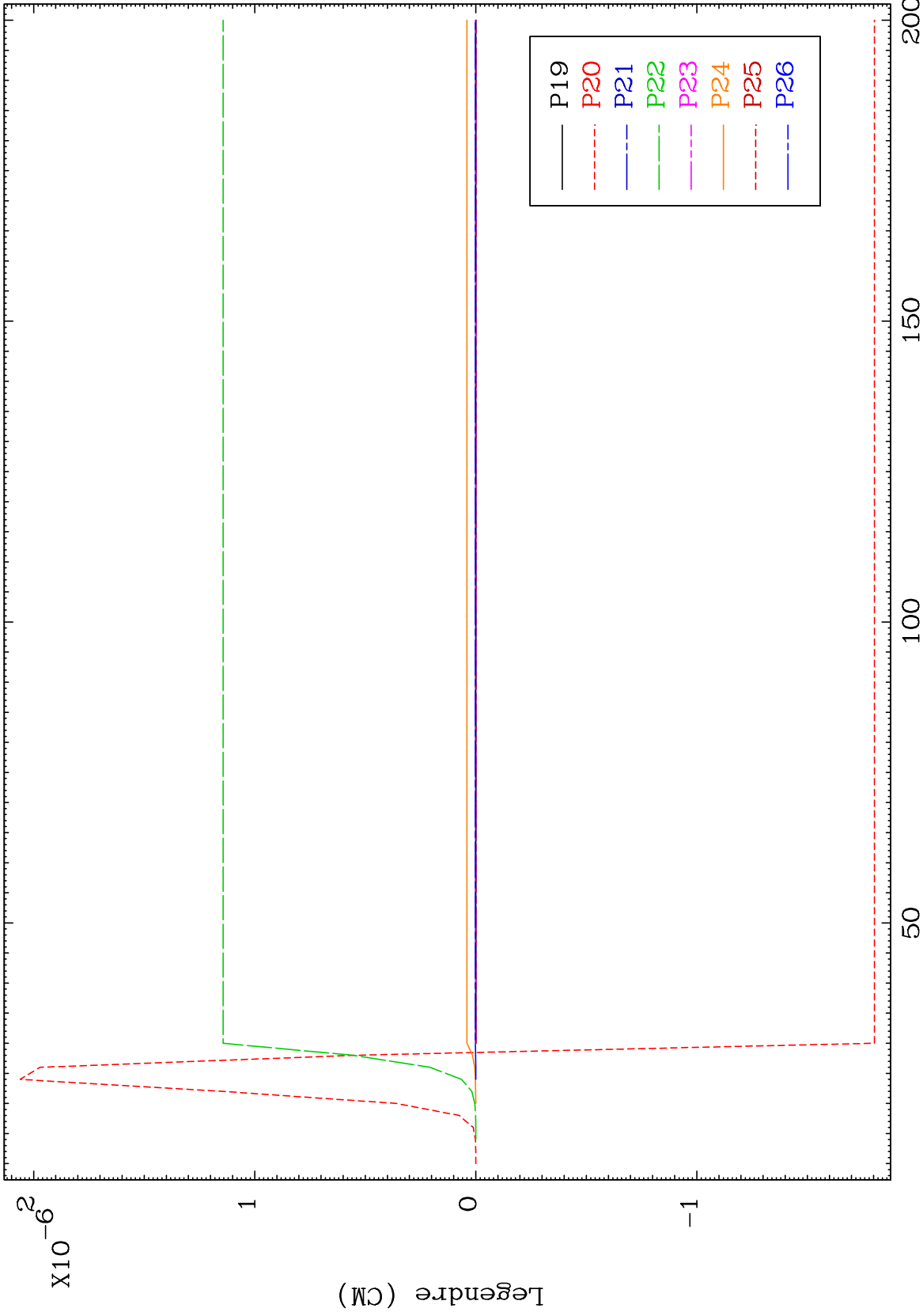
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



82

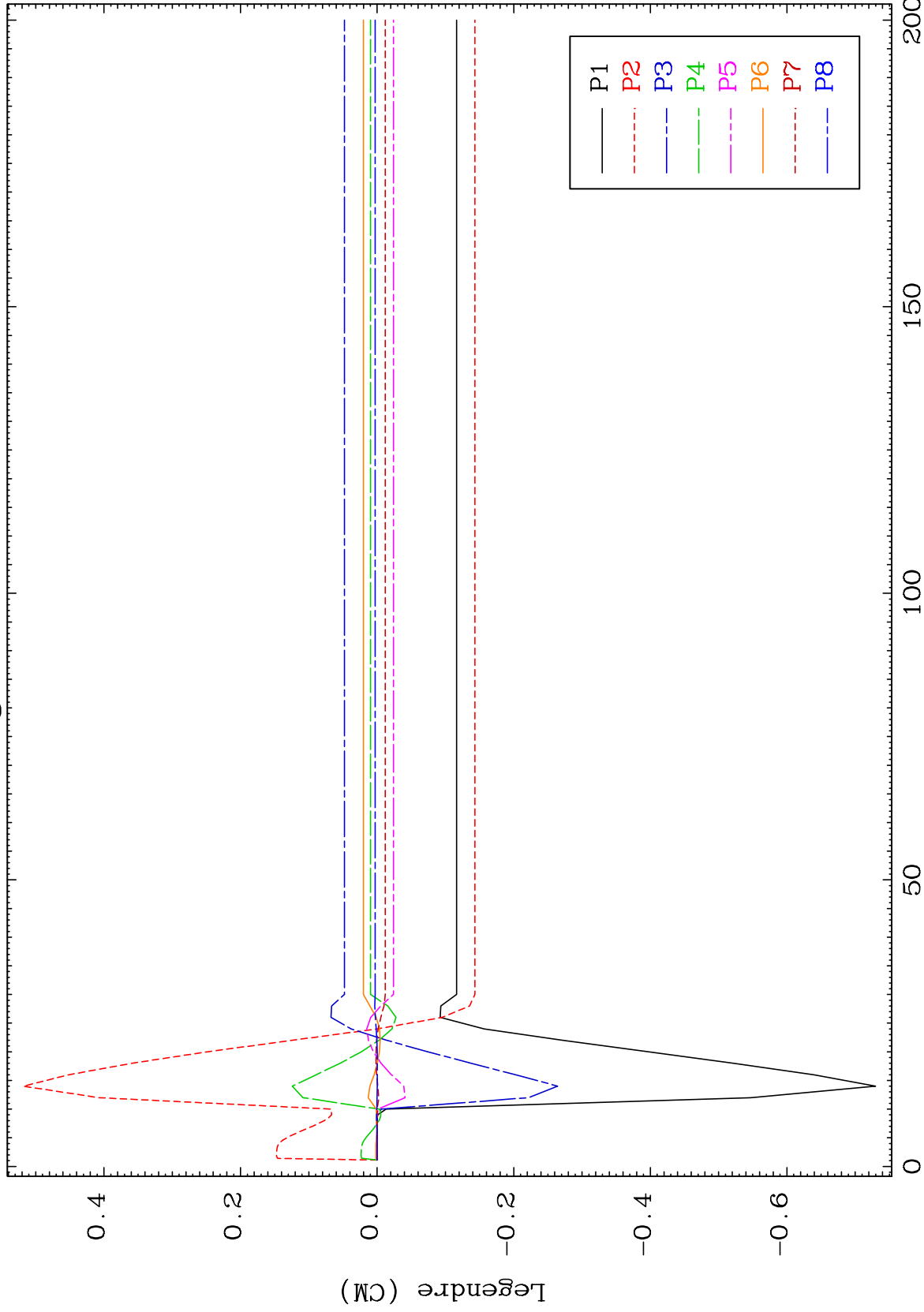
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83

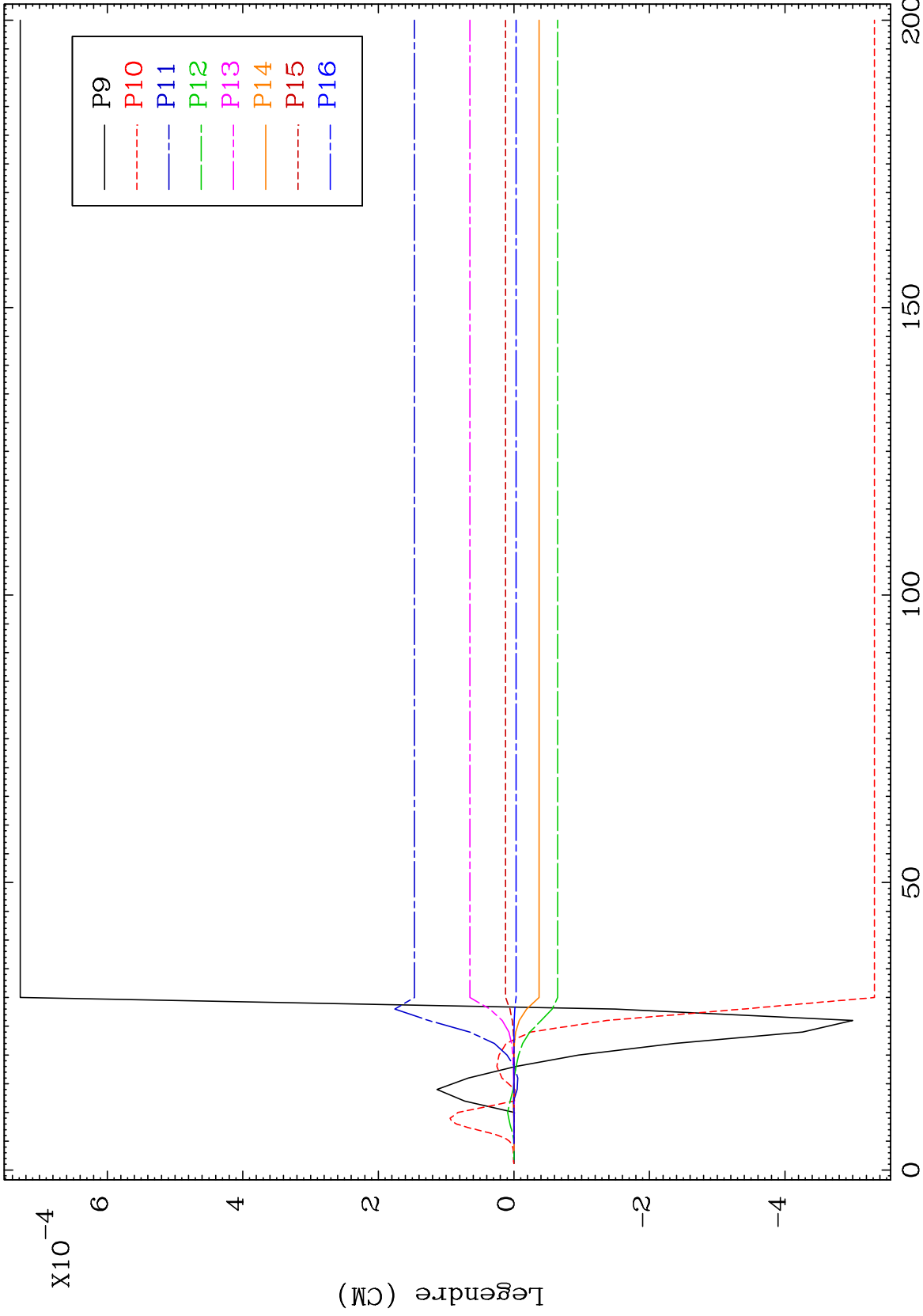
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



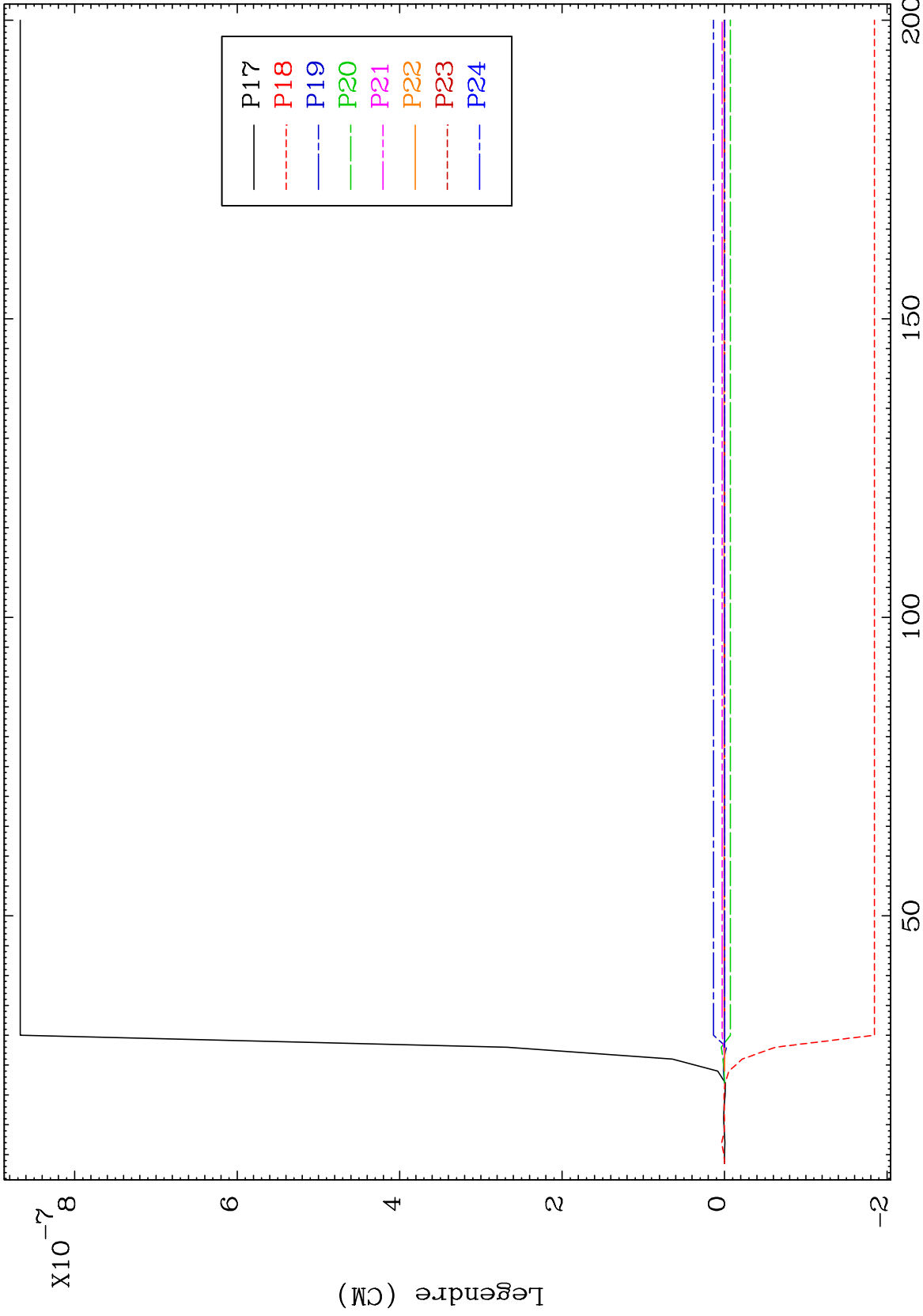
84

83-Bi-213

MAT 8337

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

83-Bi-213



85

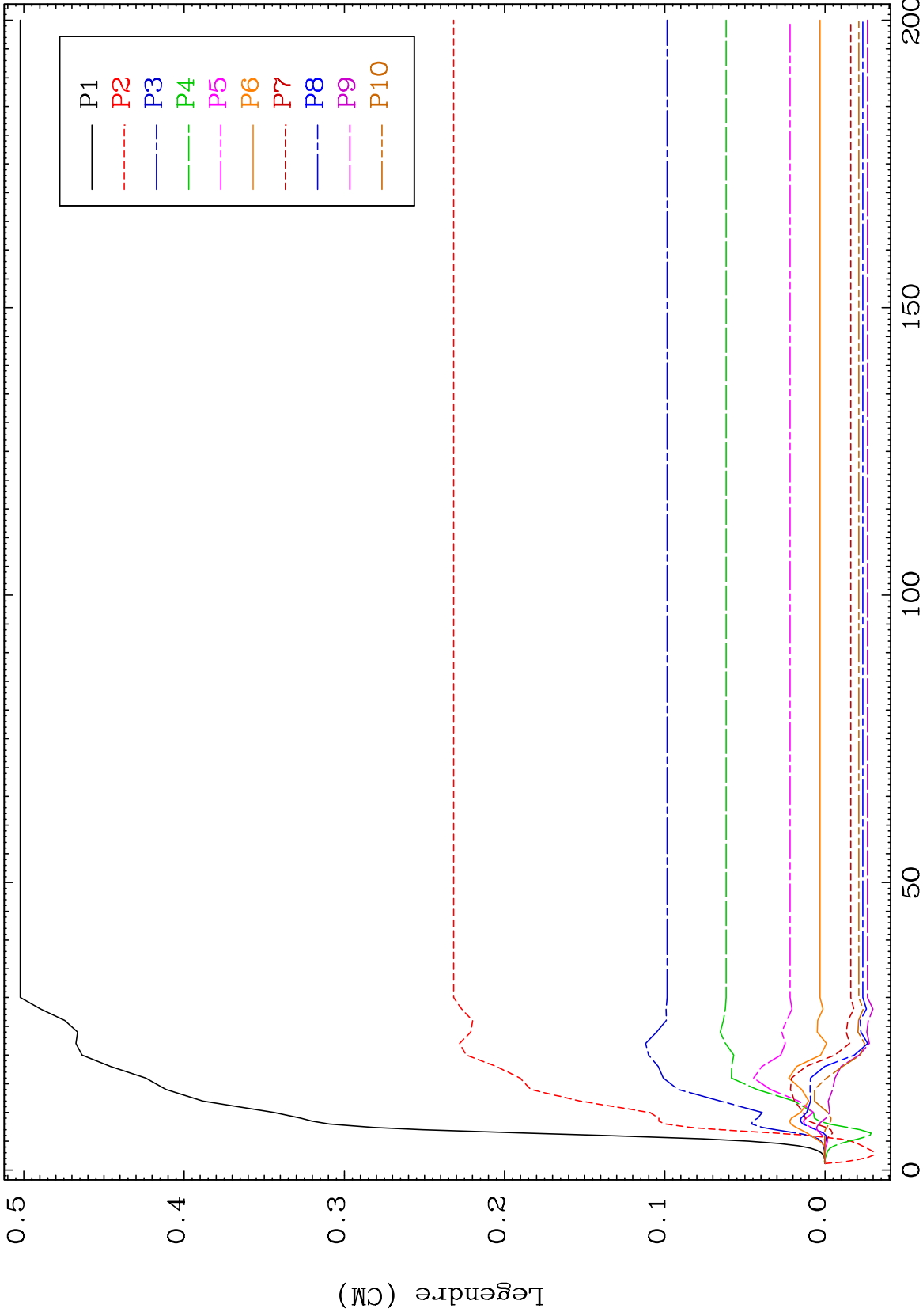
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



86

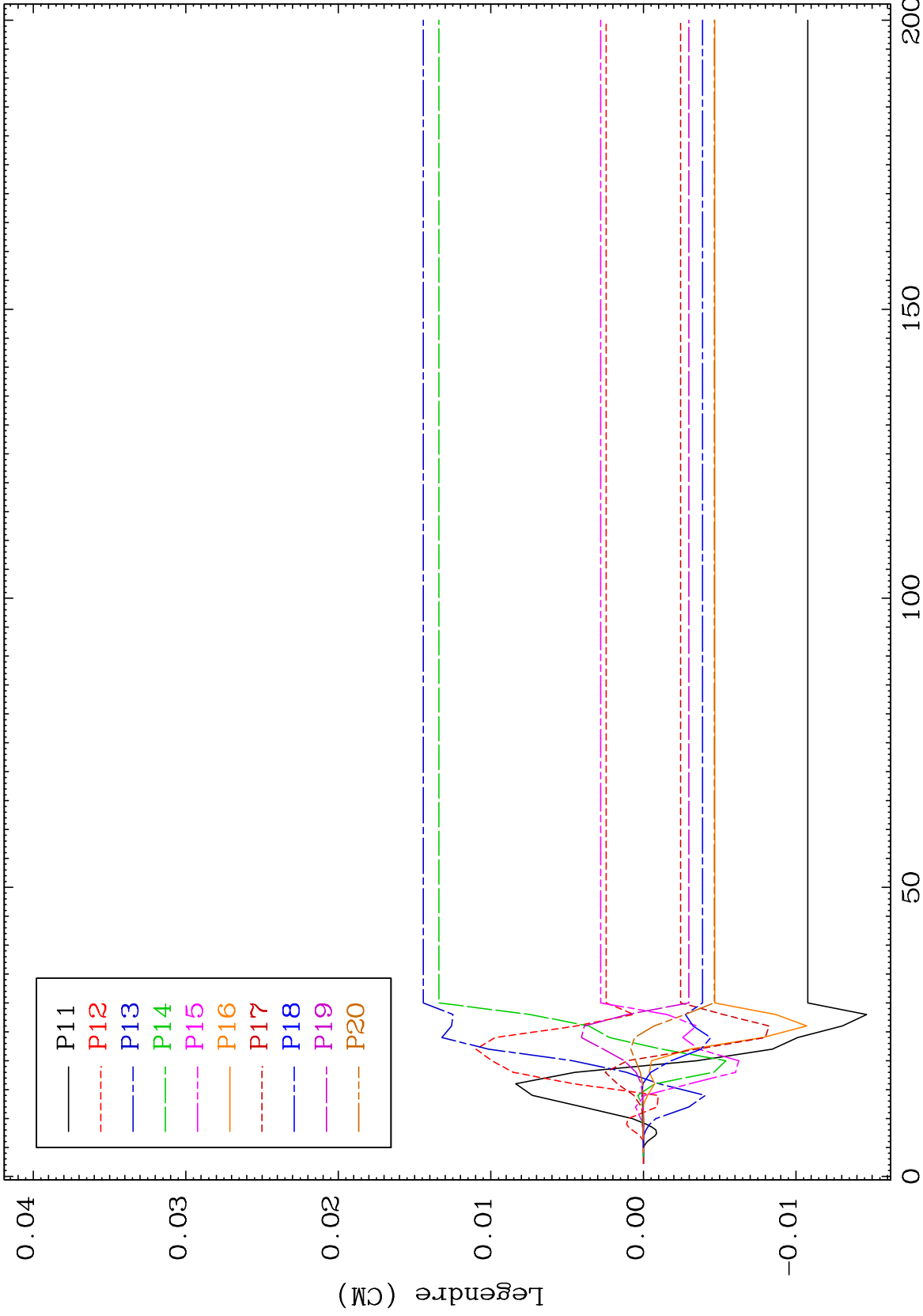
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



87

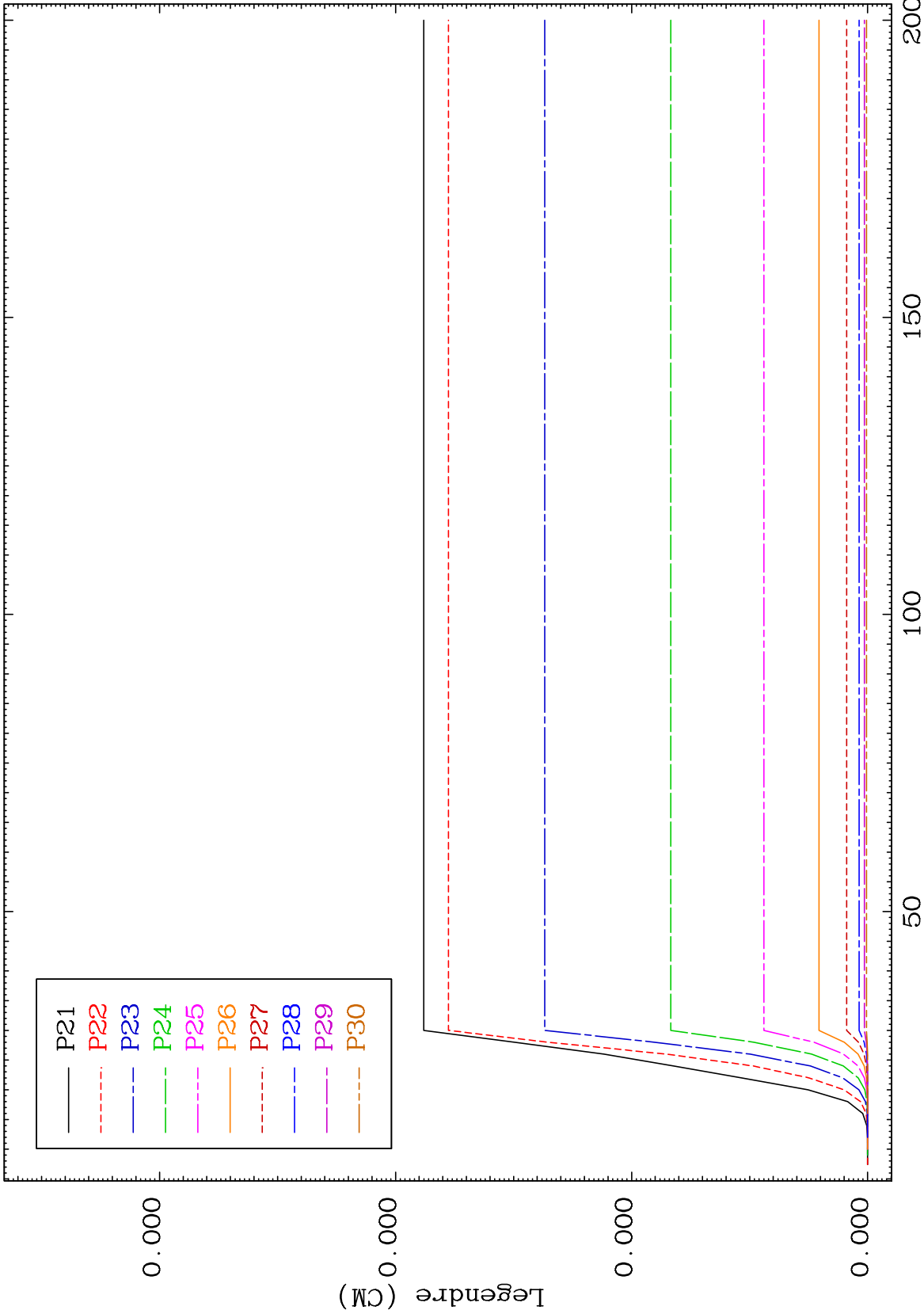
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



88

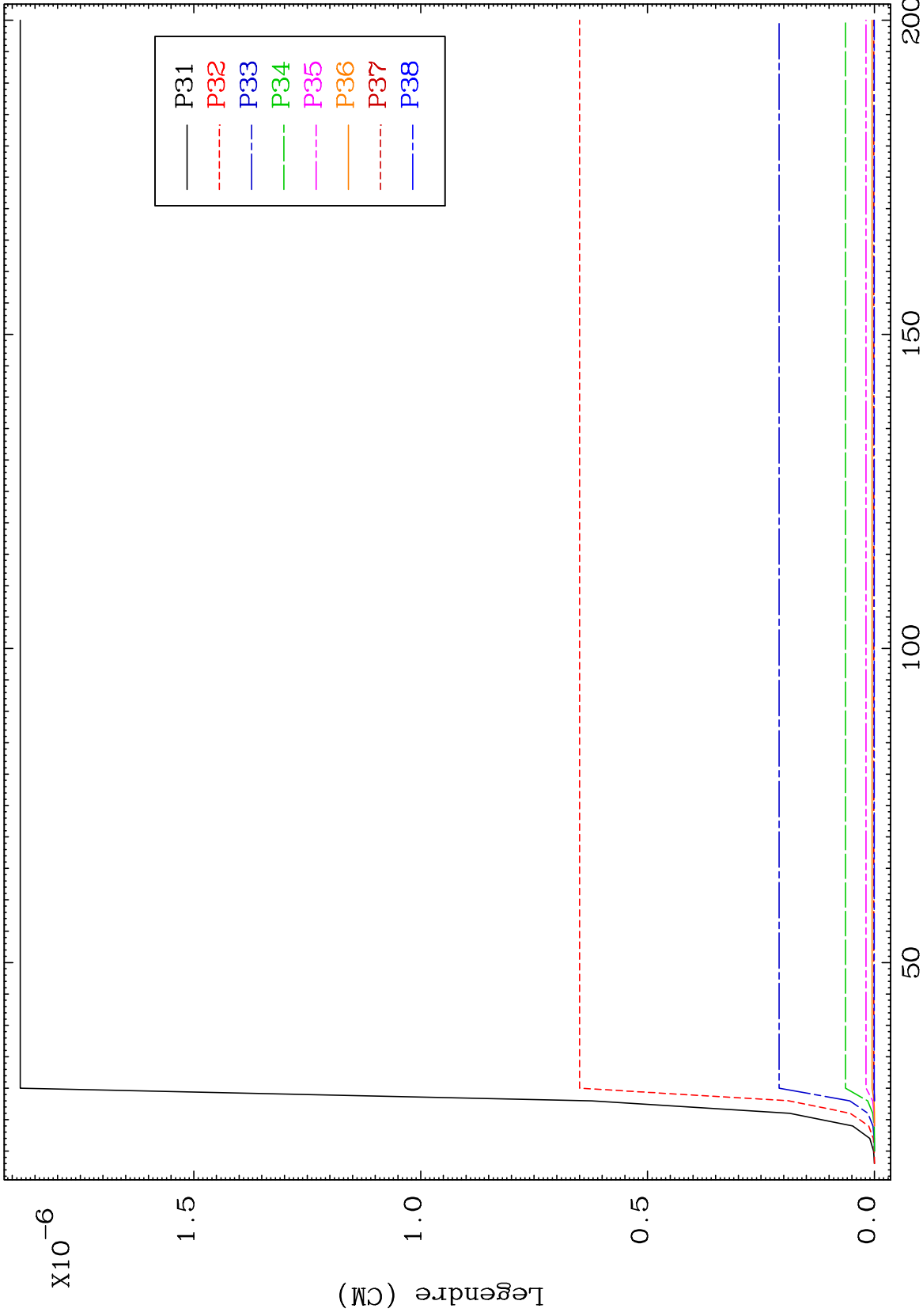
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



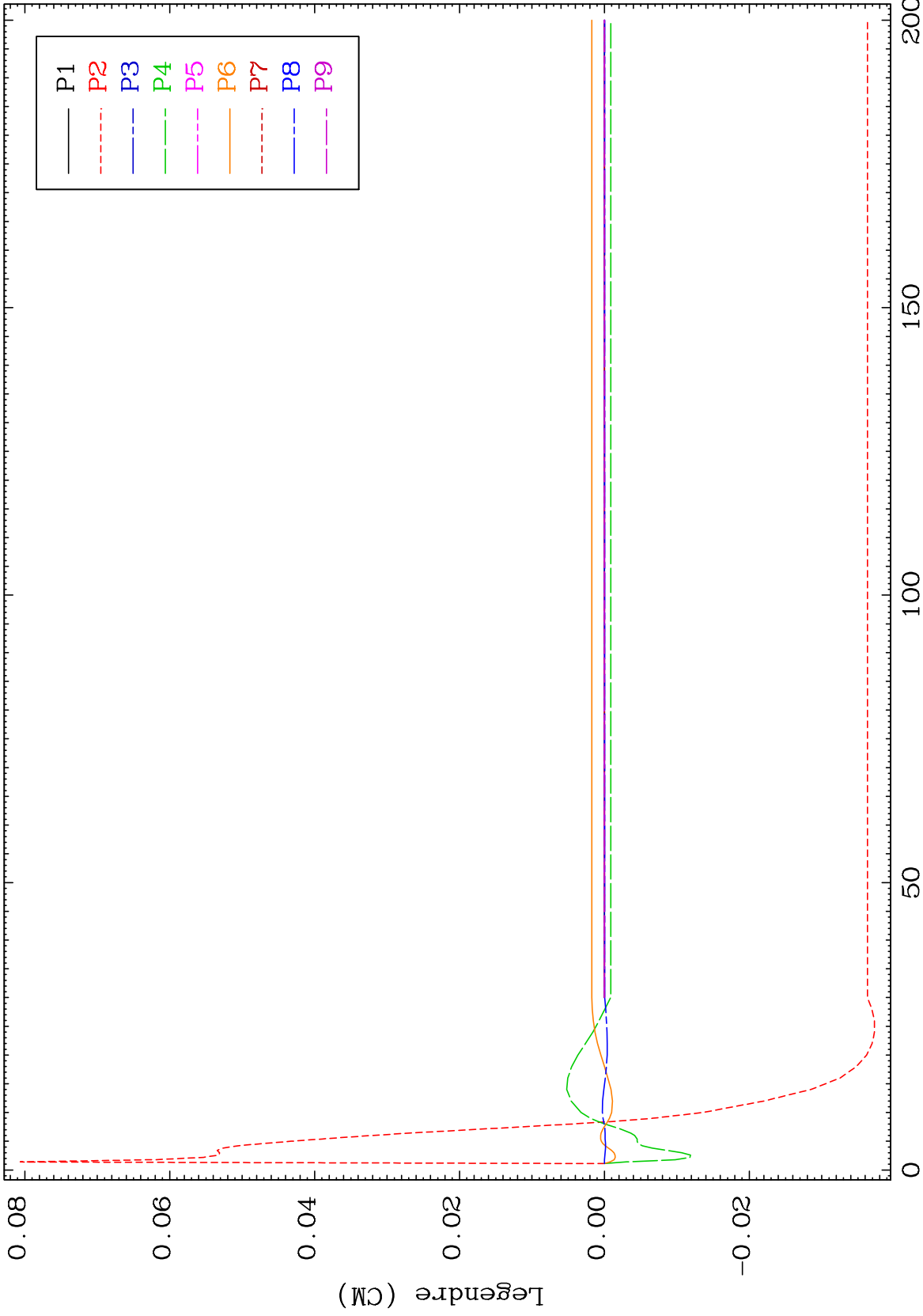
89

83-Bi-213

MAT 8337

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

83-Bi-213

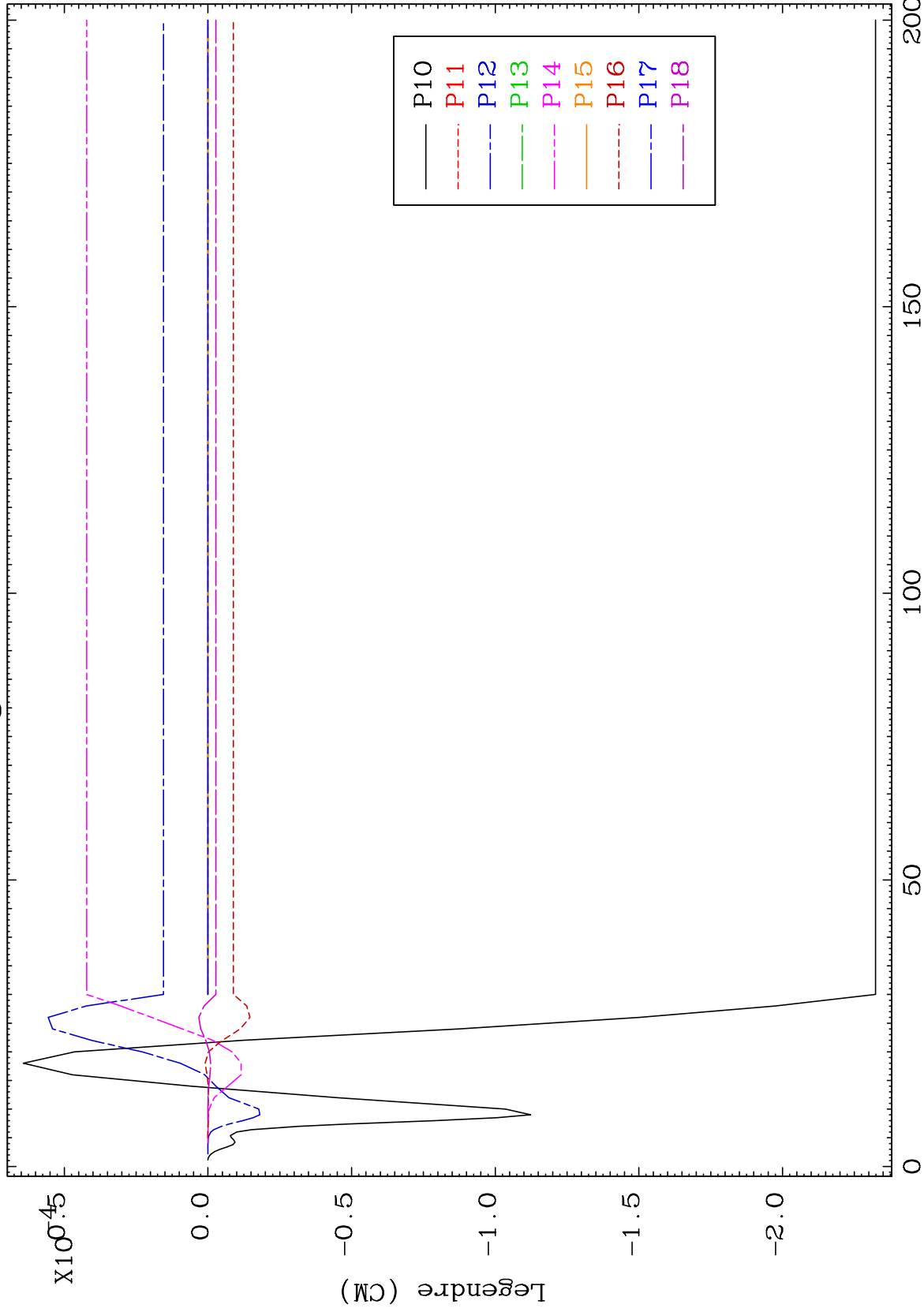


83-Bi-213

MAT 8337

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

83-Bi-213



91

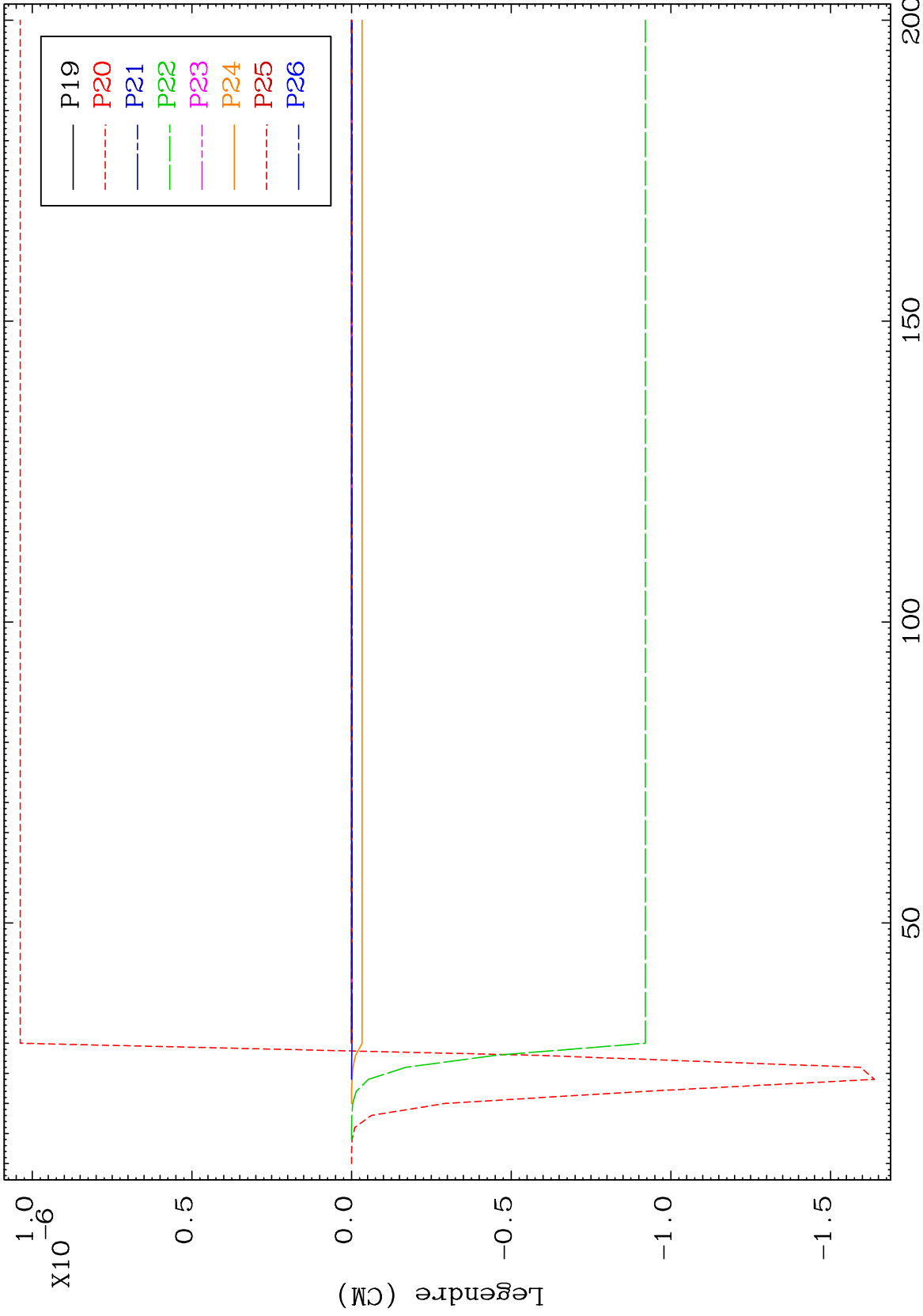
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



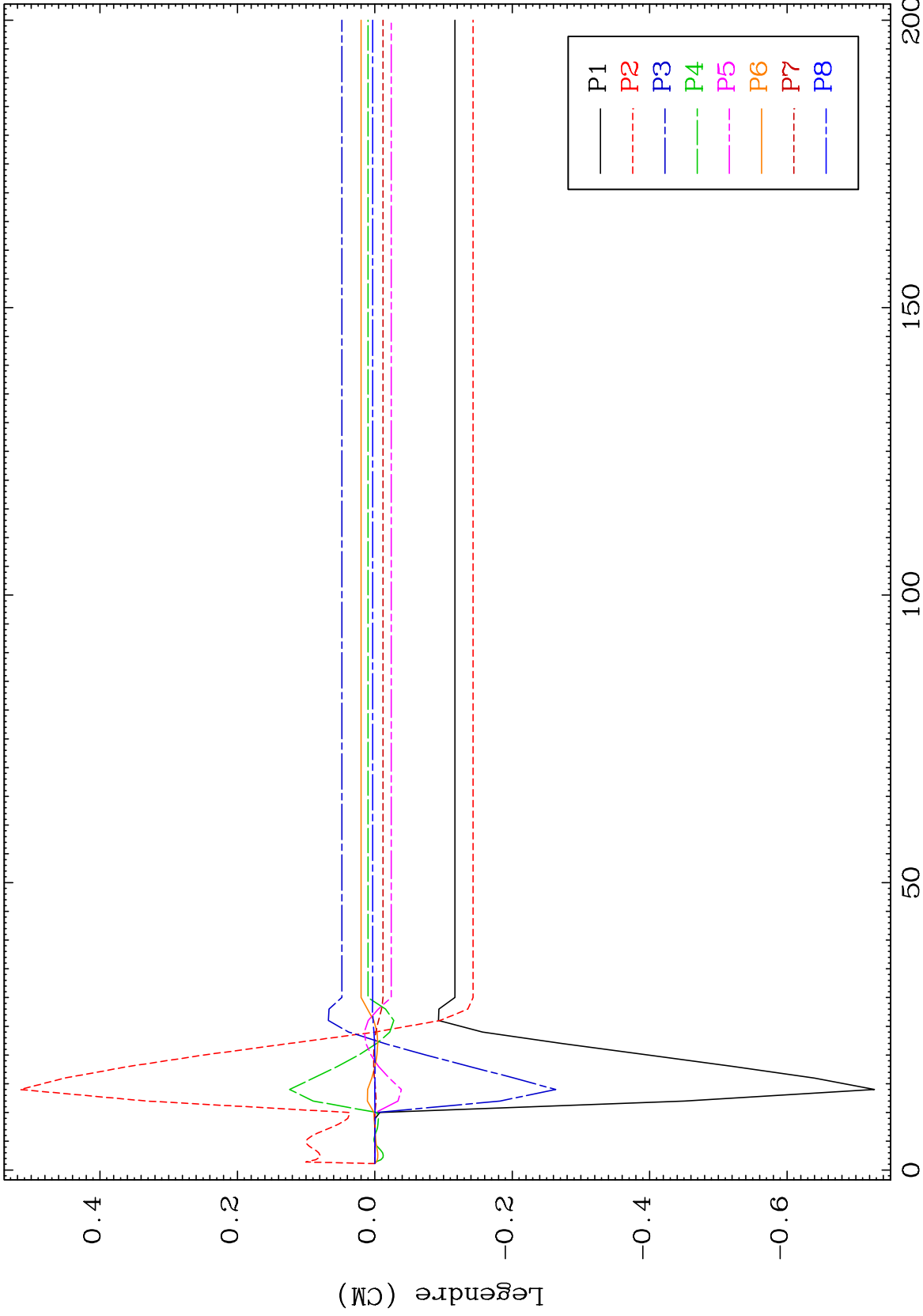
92

83-Bi-213

MAT 8337

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

83-Bi-213



93

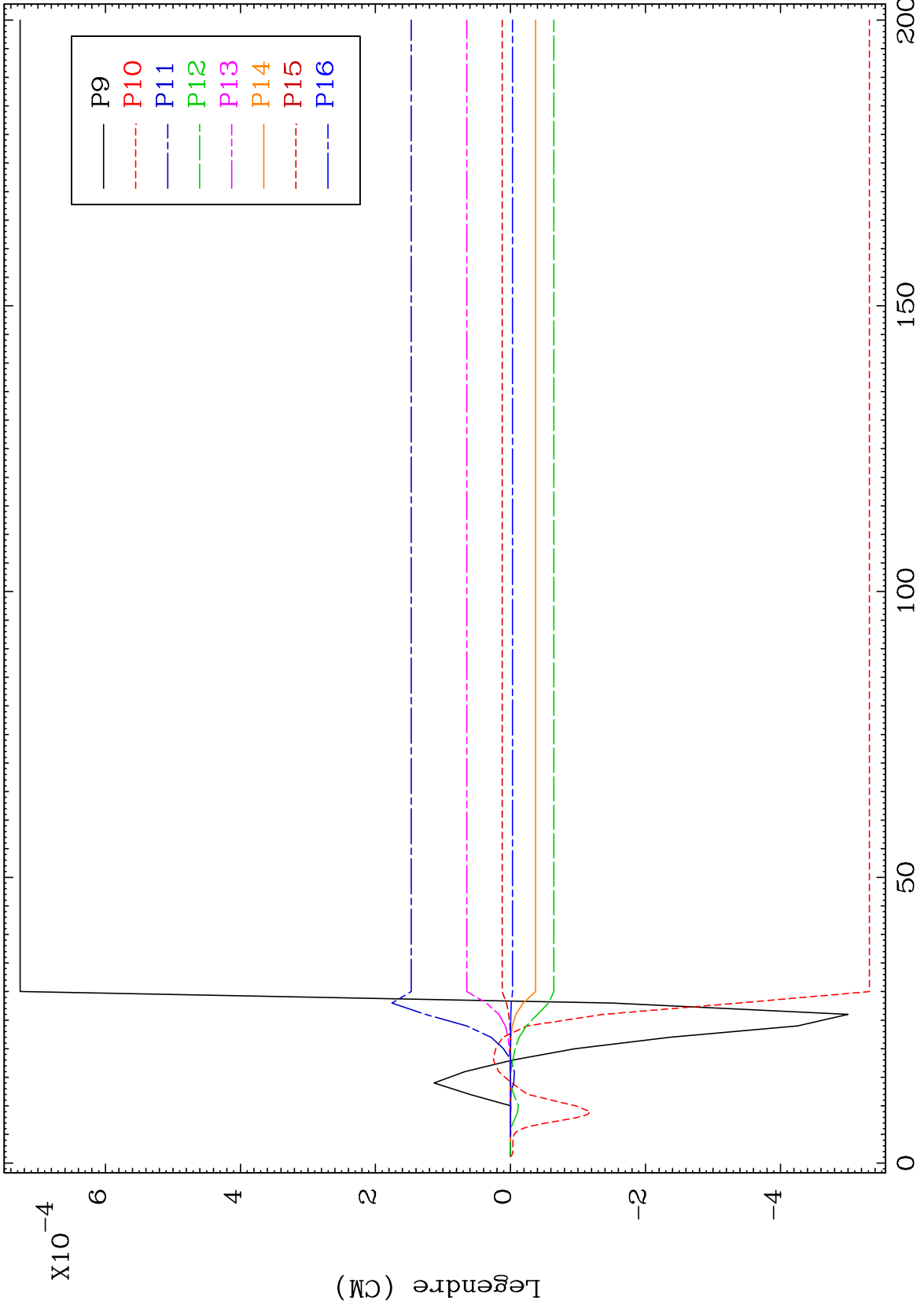
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



94

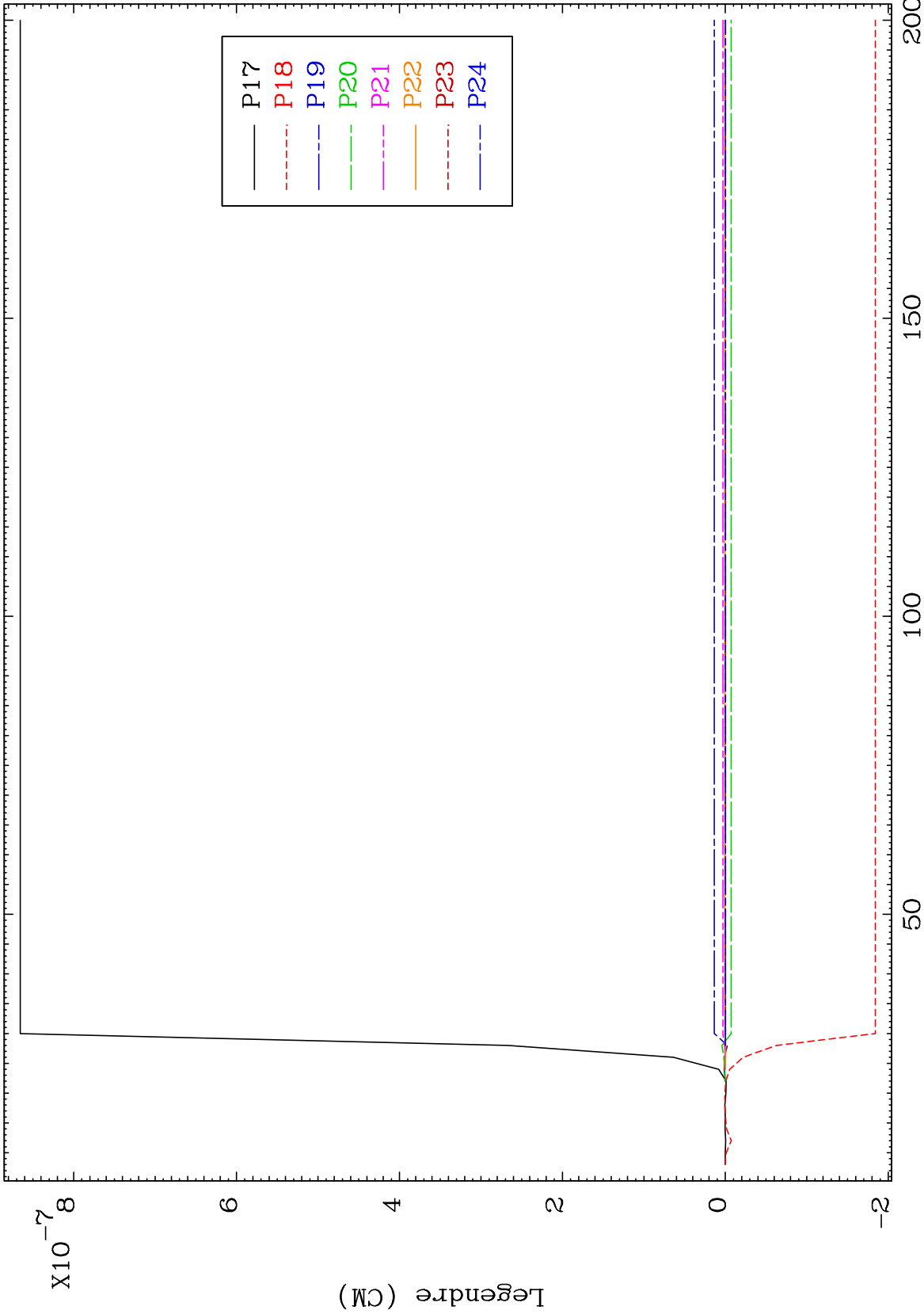
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



95

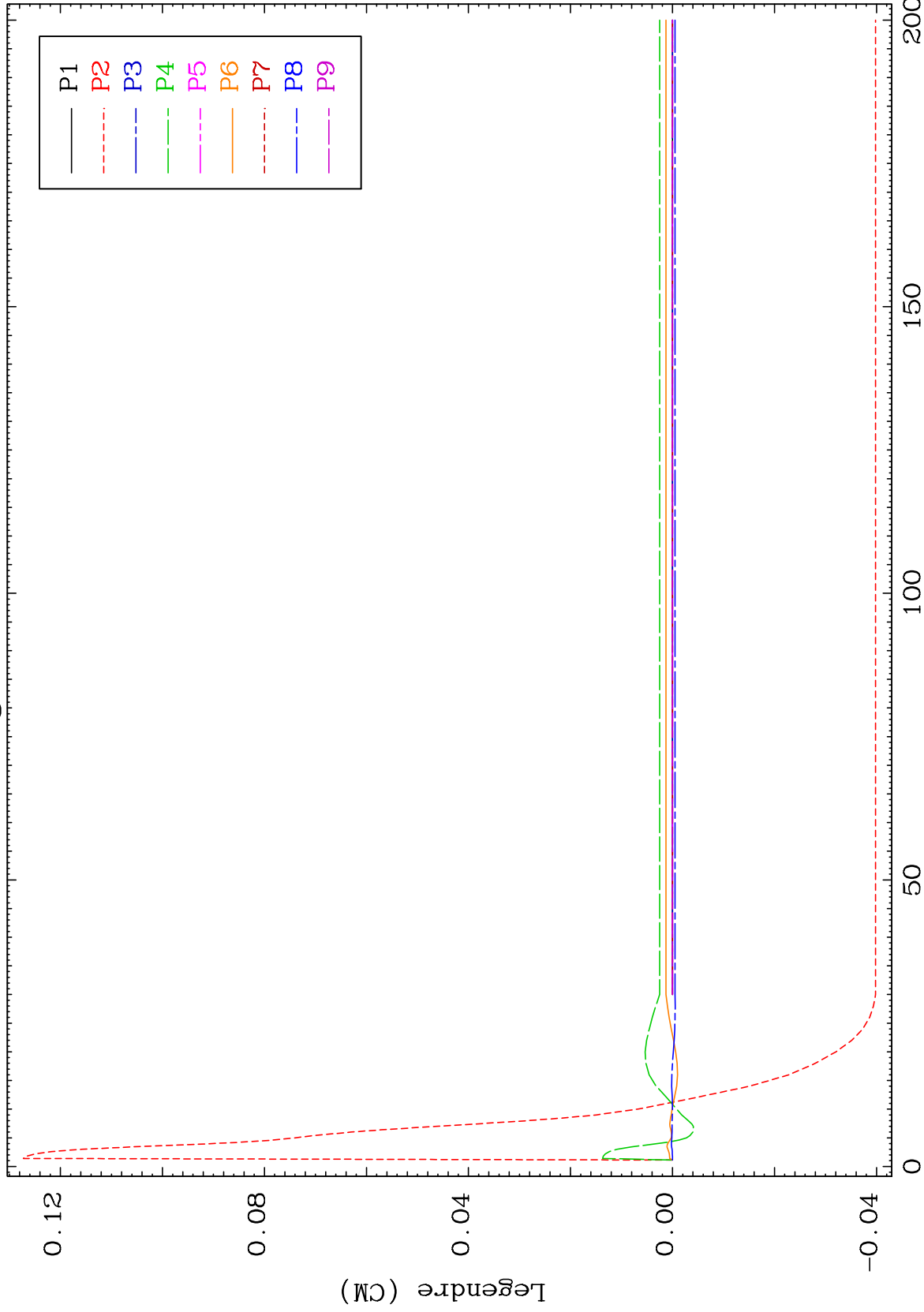
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



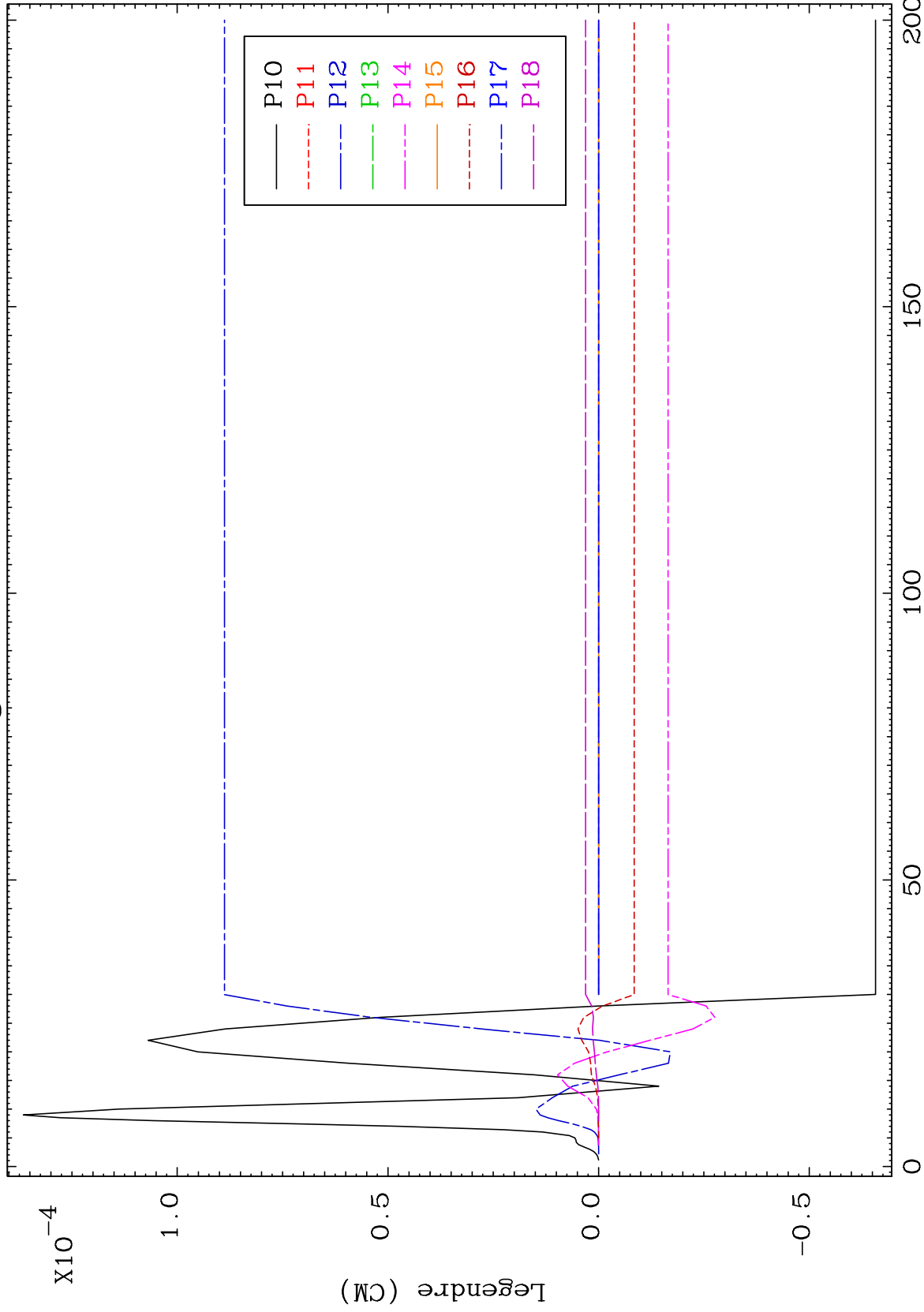
96

83-Bi-213

MAT 8337

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

83-Bi-213



97

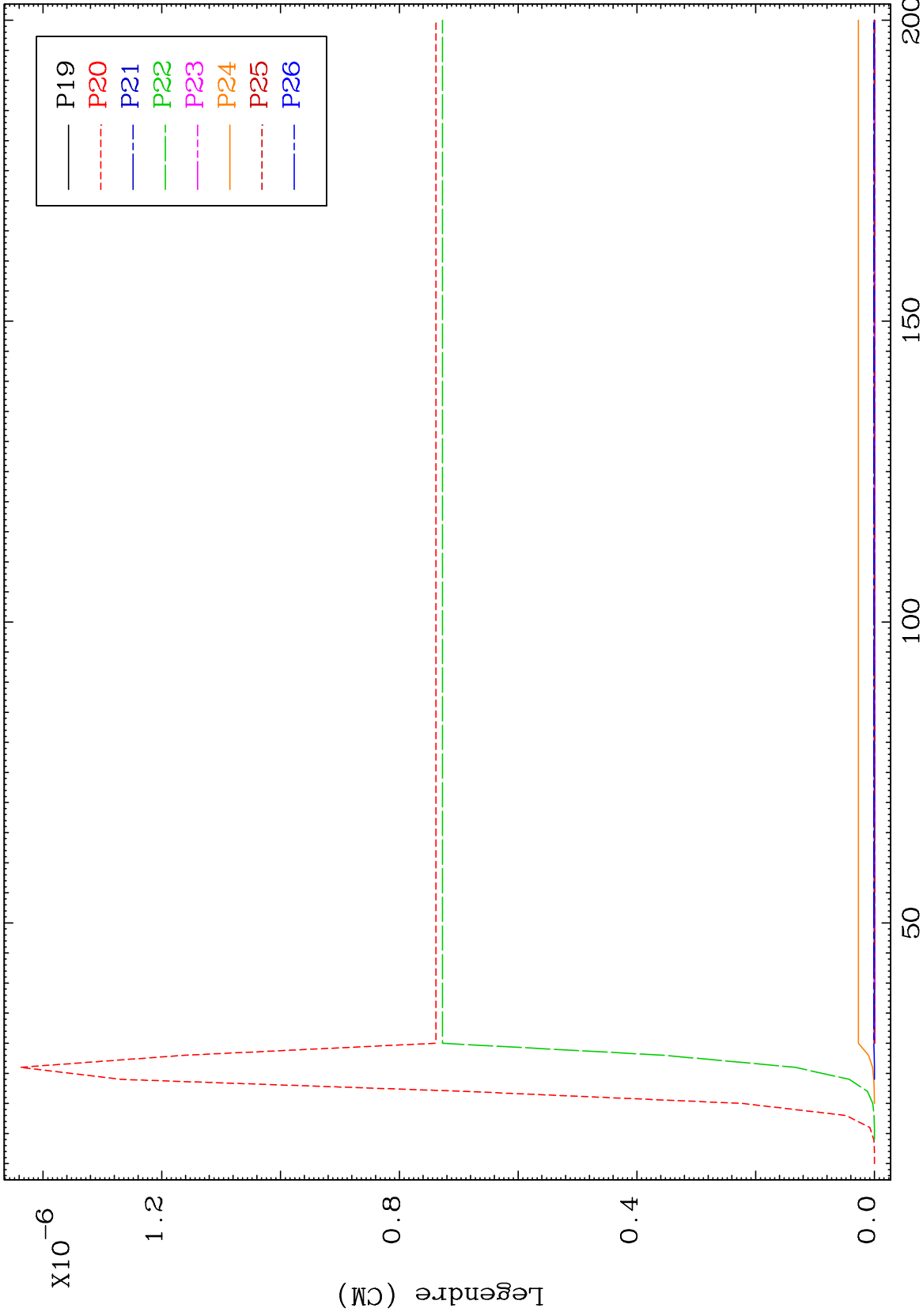
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



98

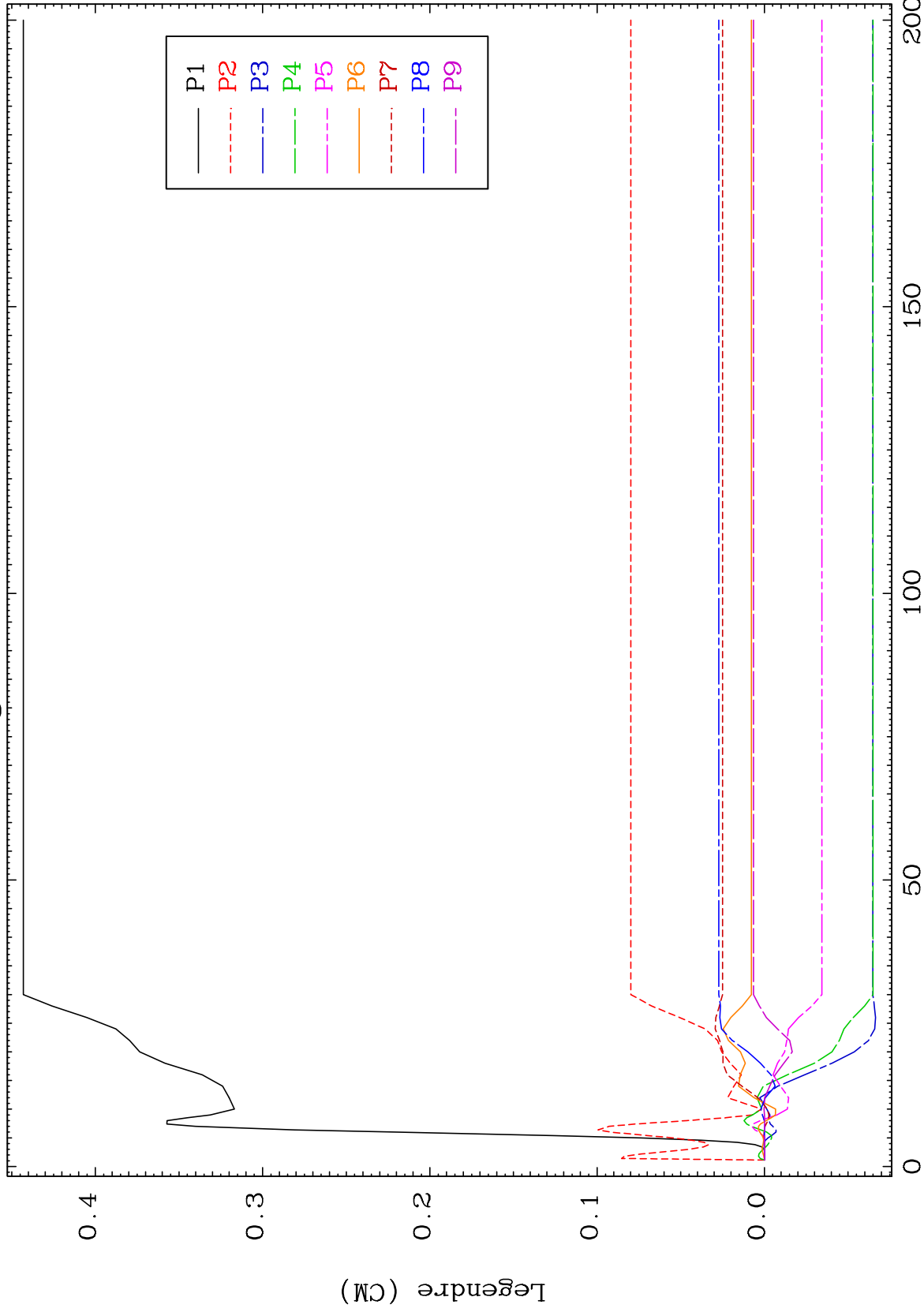
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



99

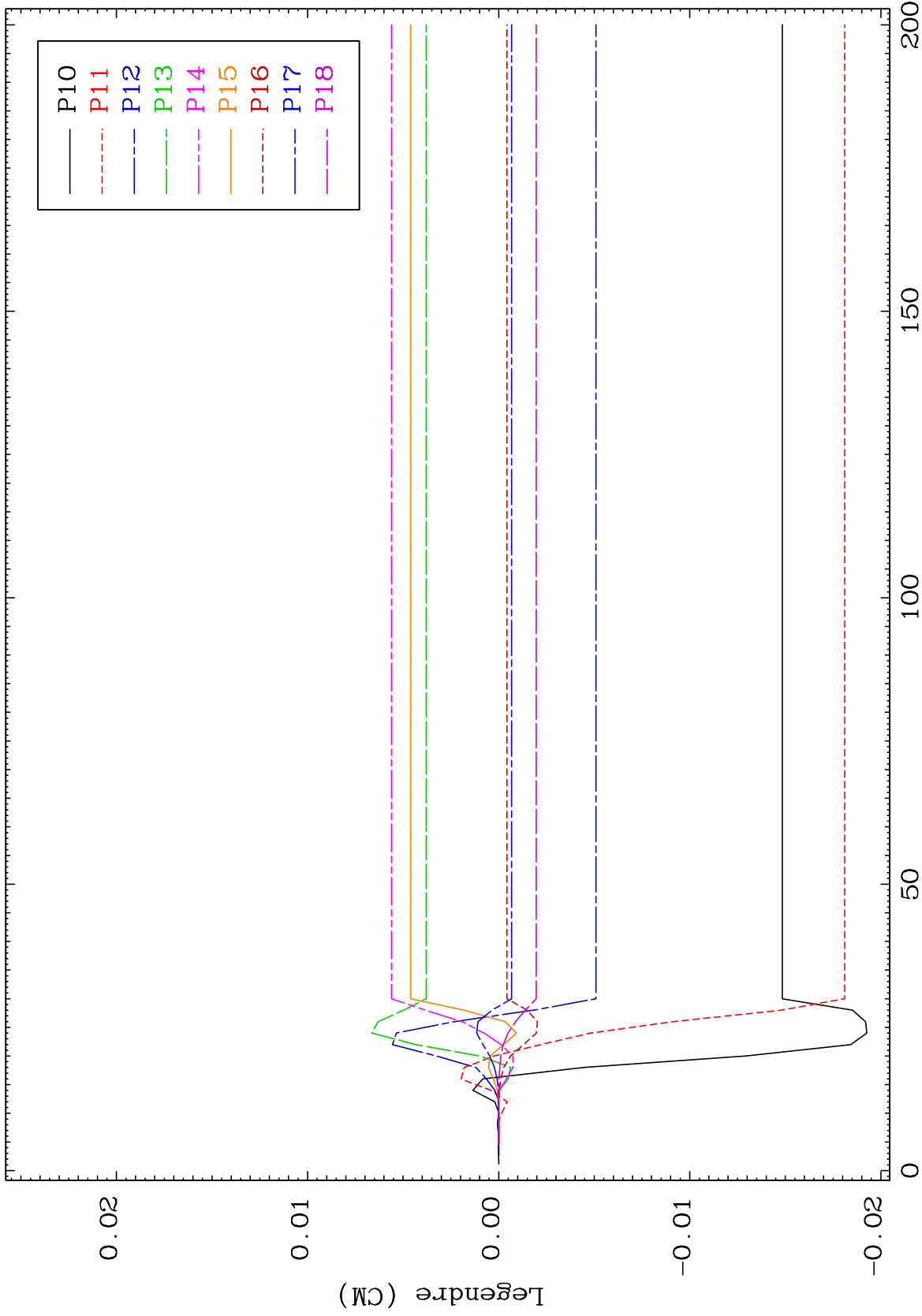
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

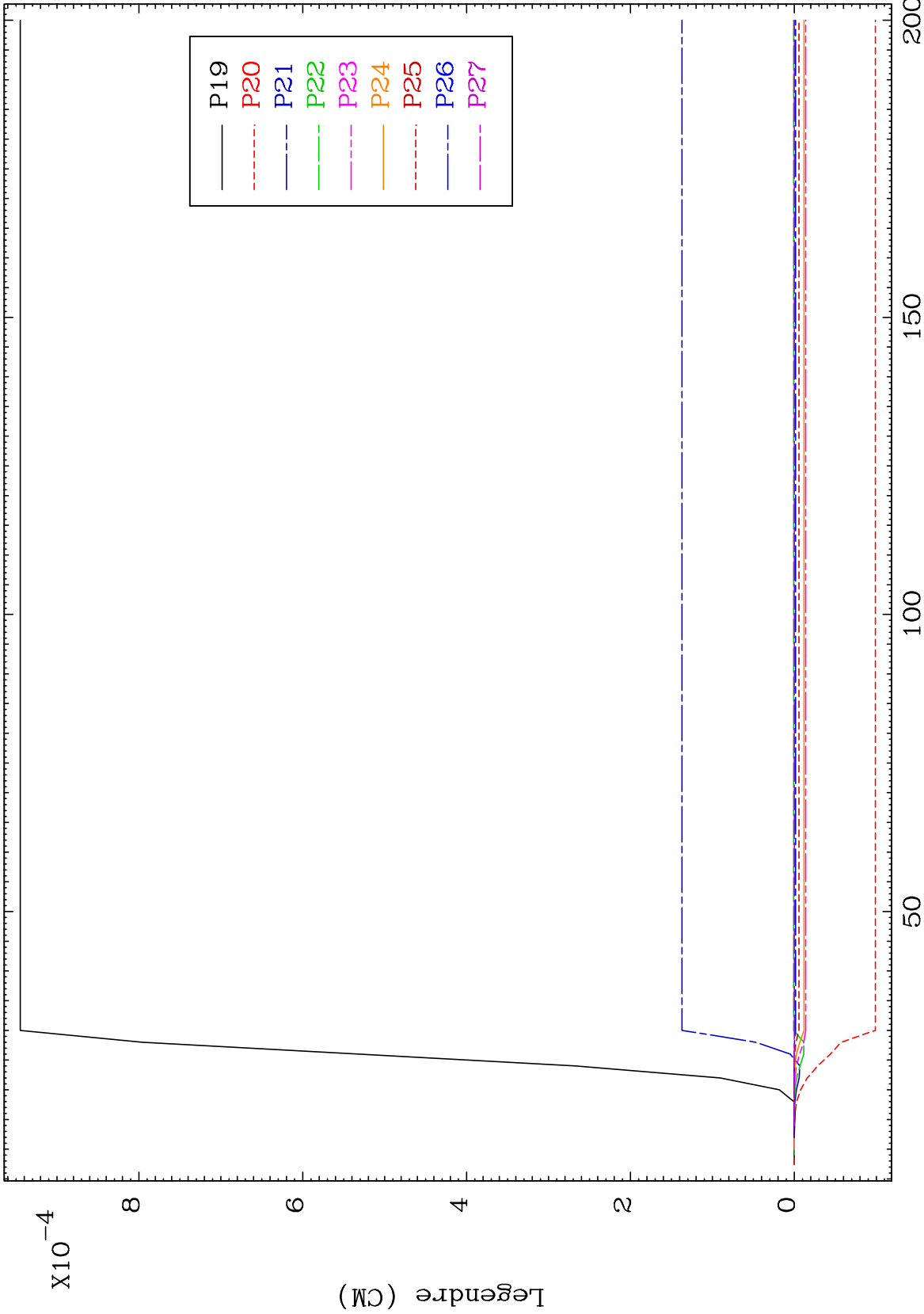
Incident Energy (MeV)

100

MAT 8337

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

83-Bi-213



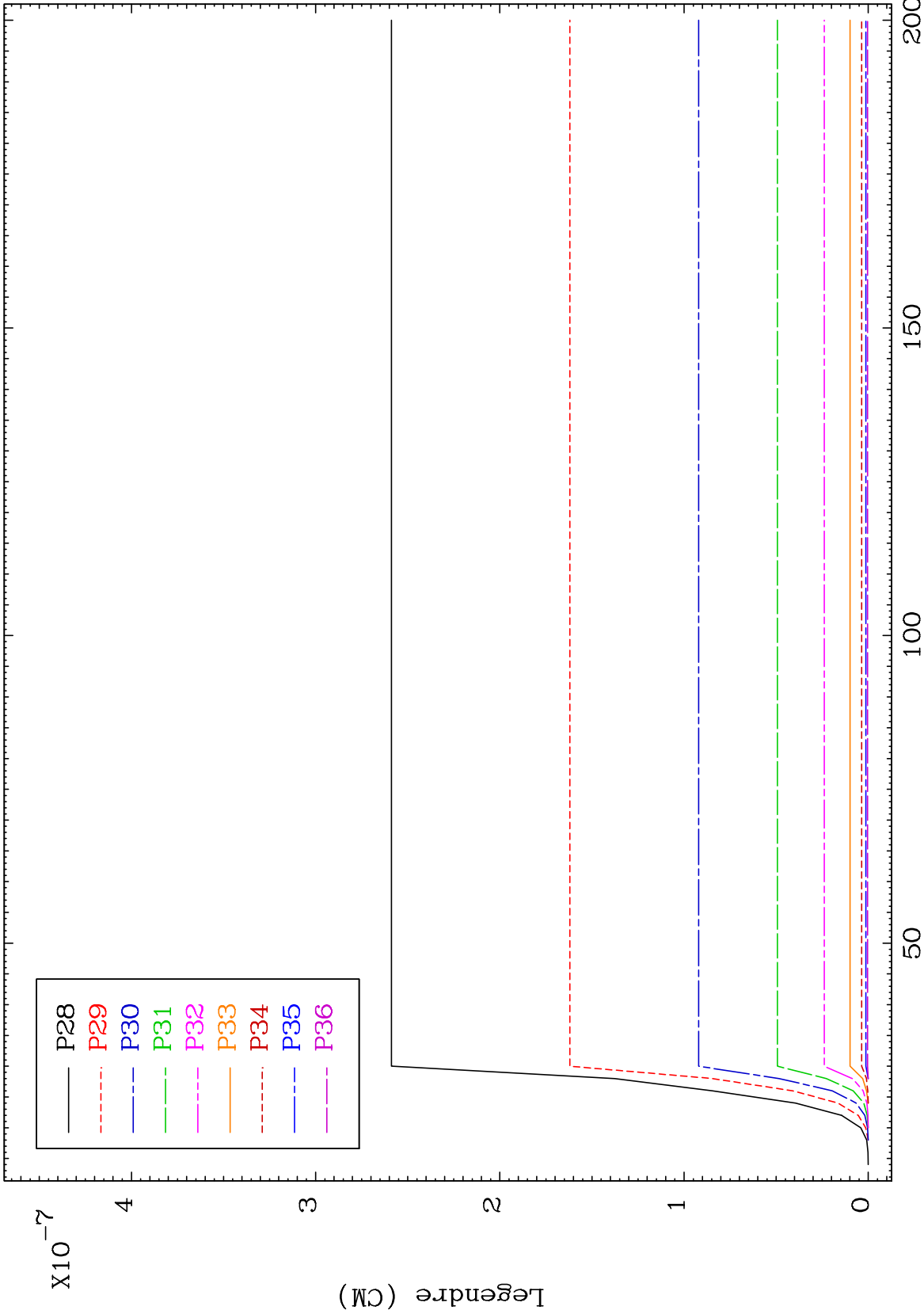
101

83-Bi-213

MAT 8337

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

83-Bi-213



102

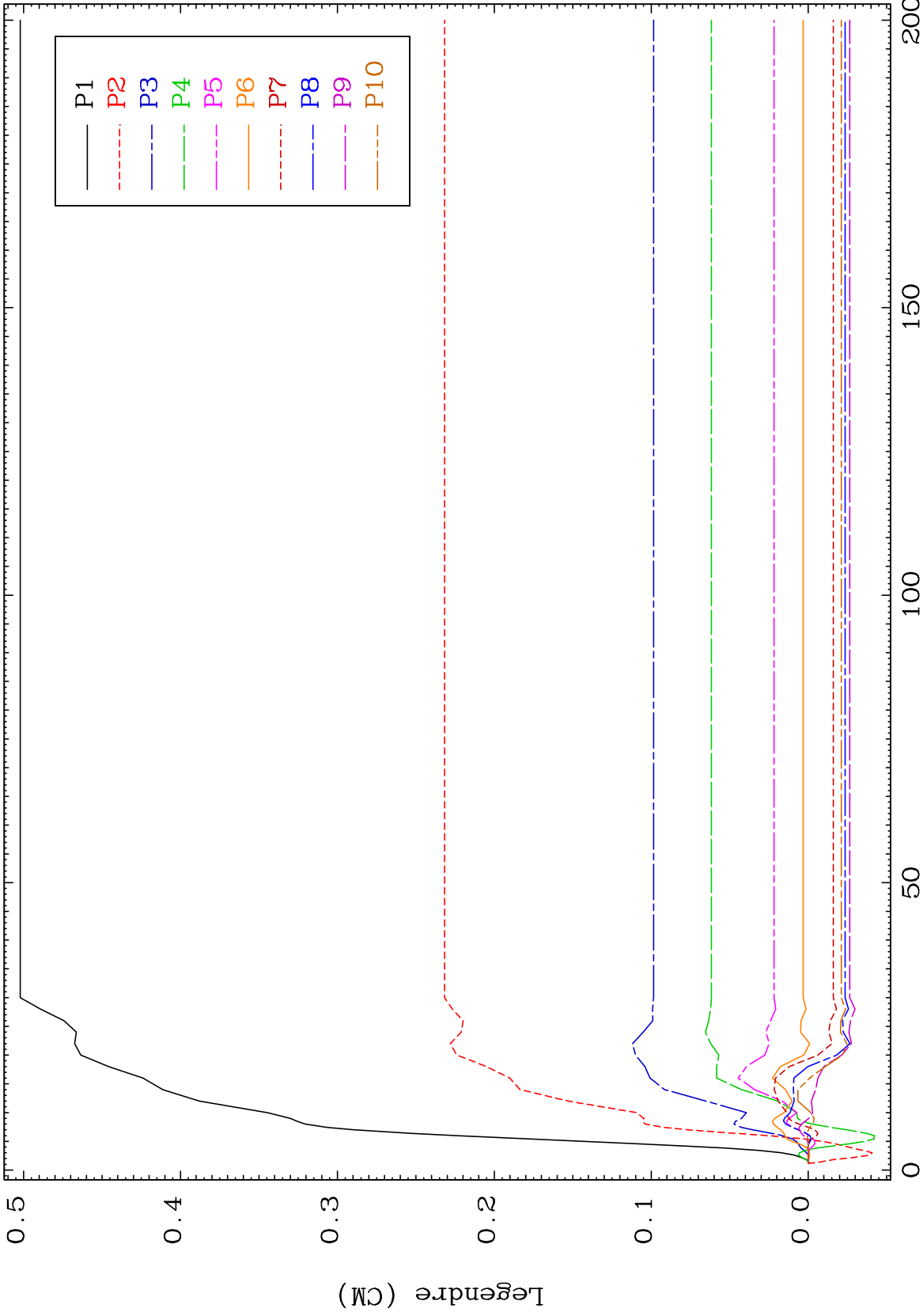
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



103

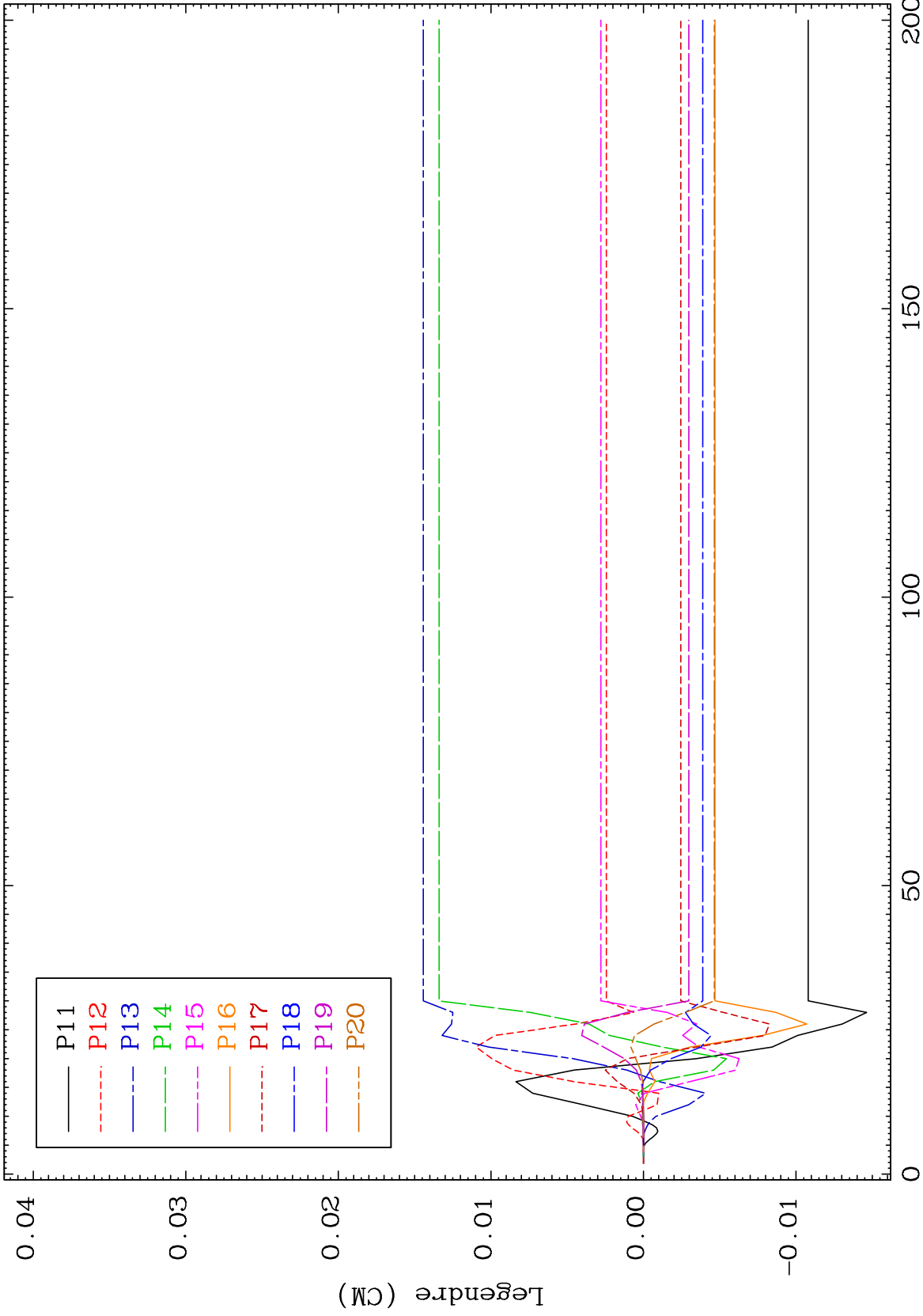
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



104

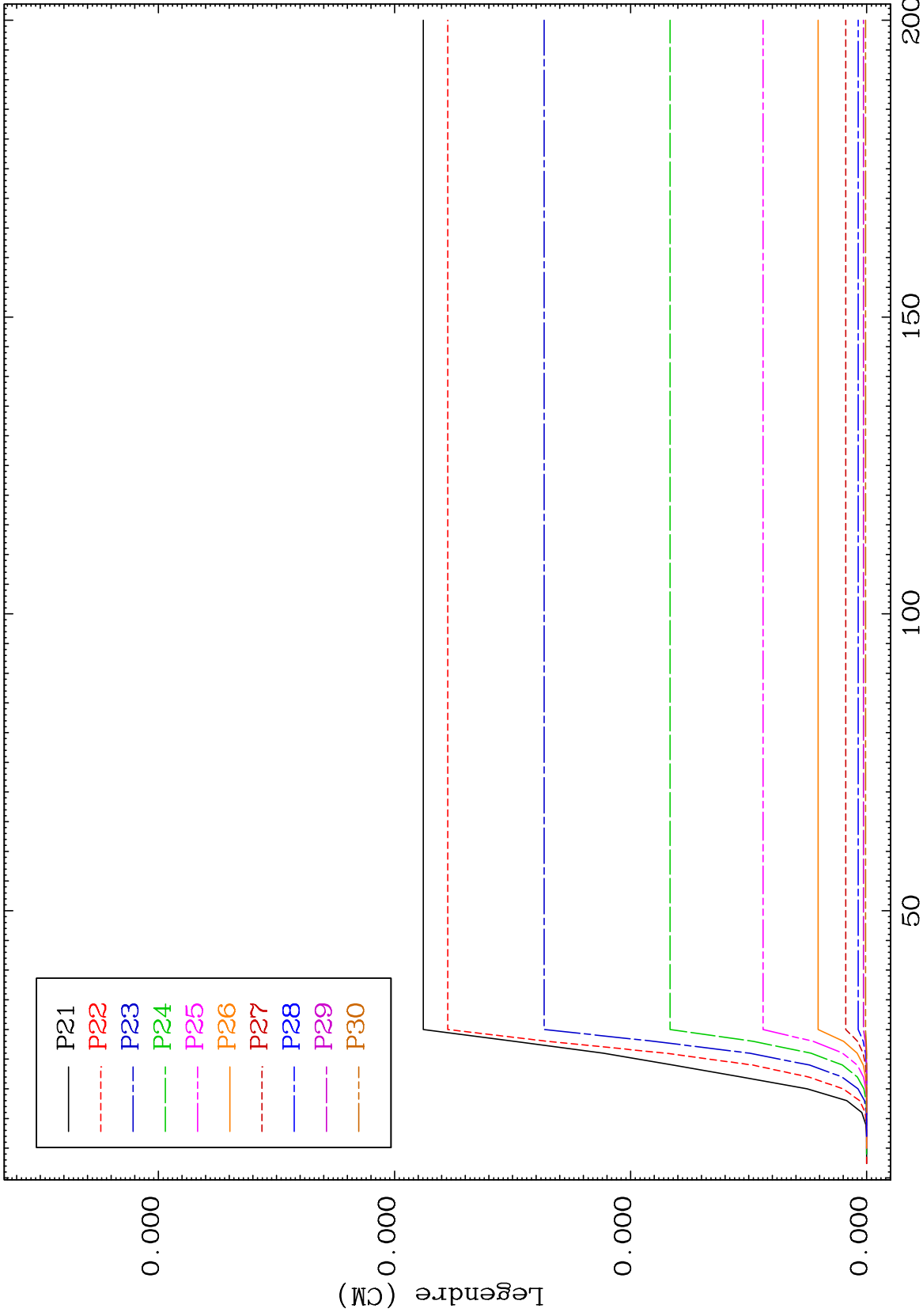
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



105

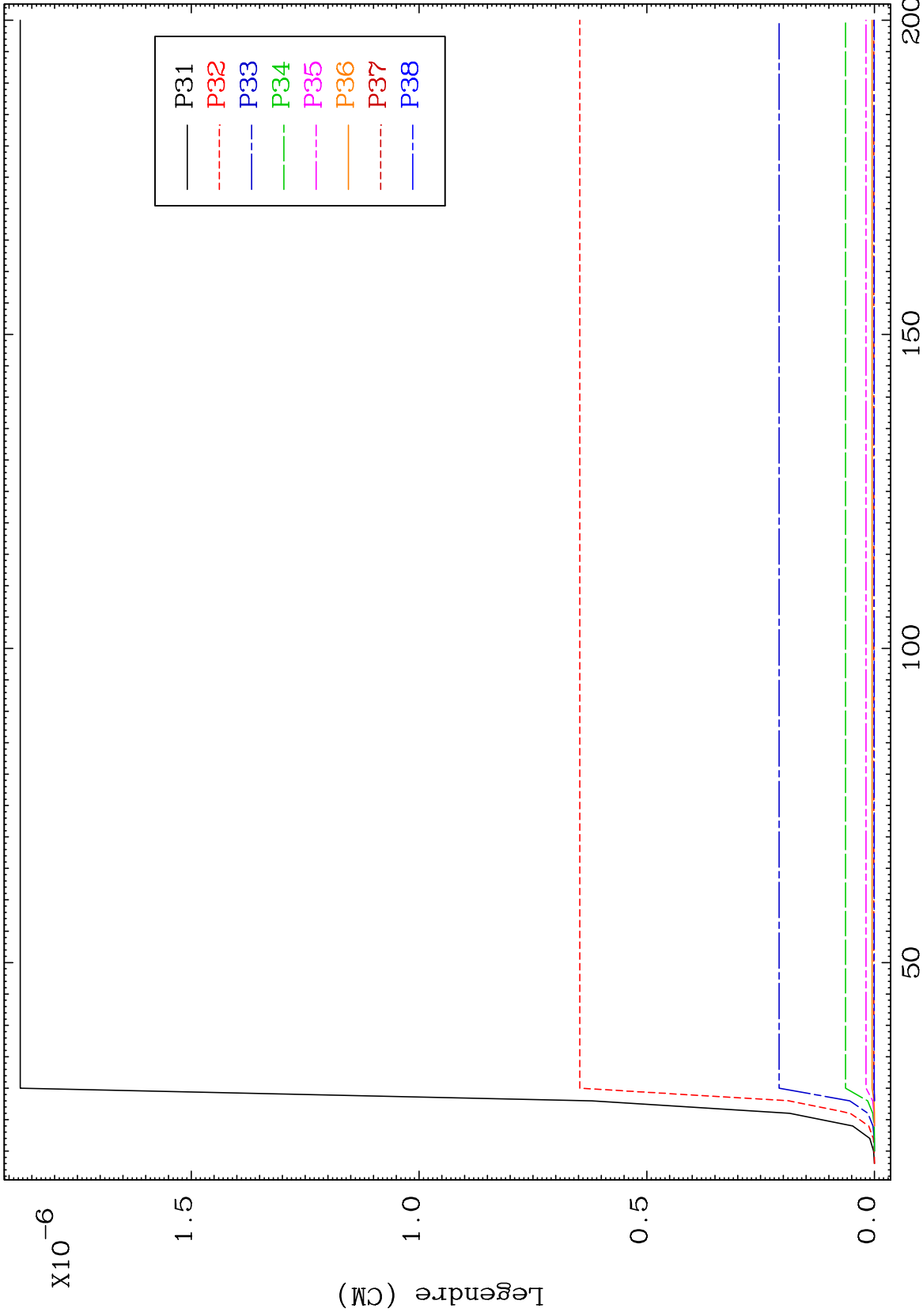
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



106

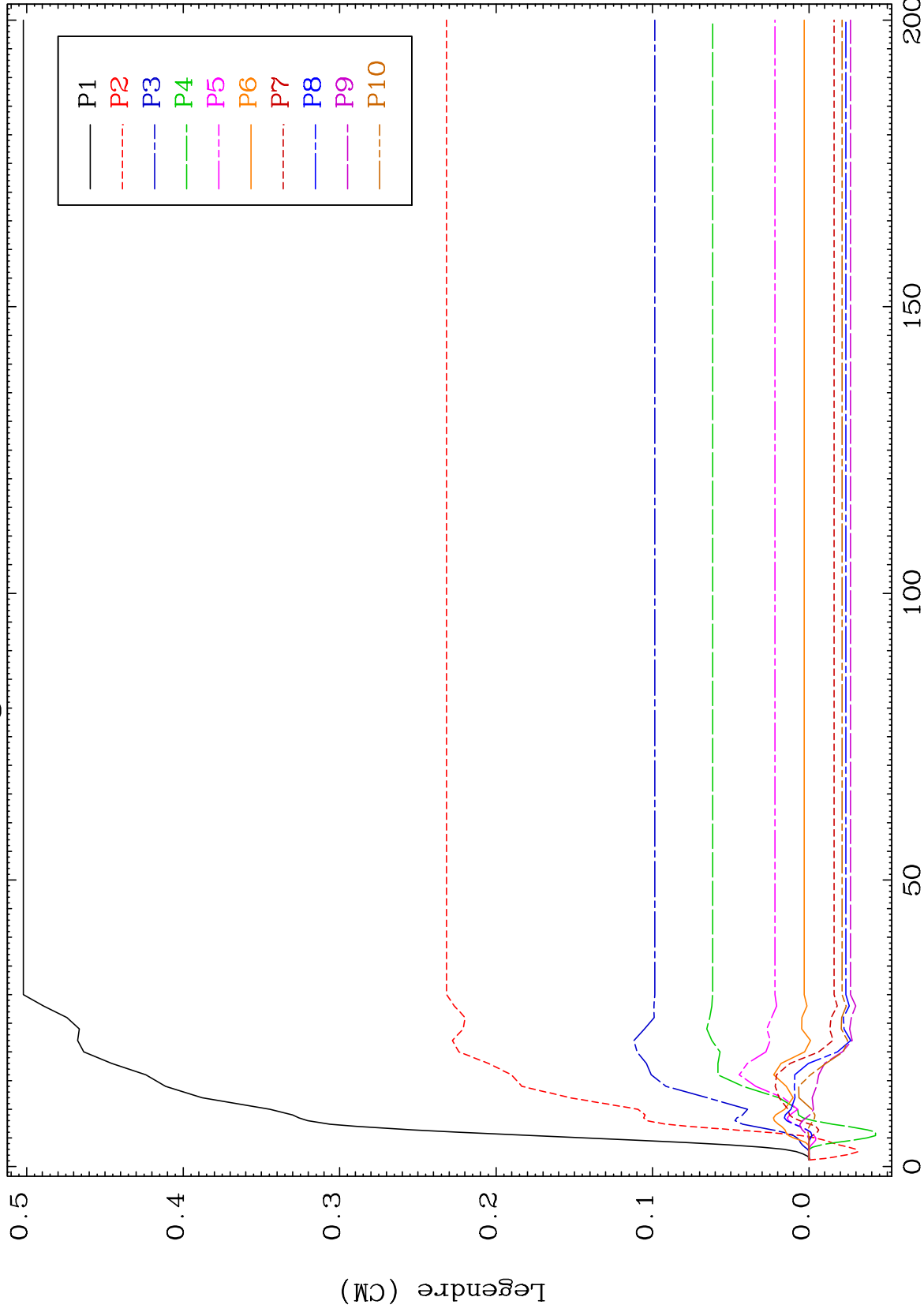
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

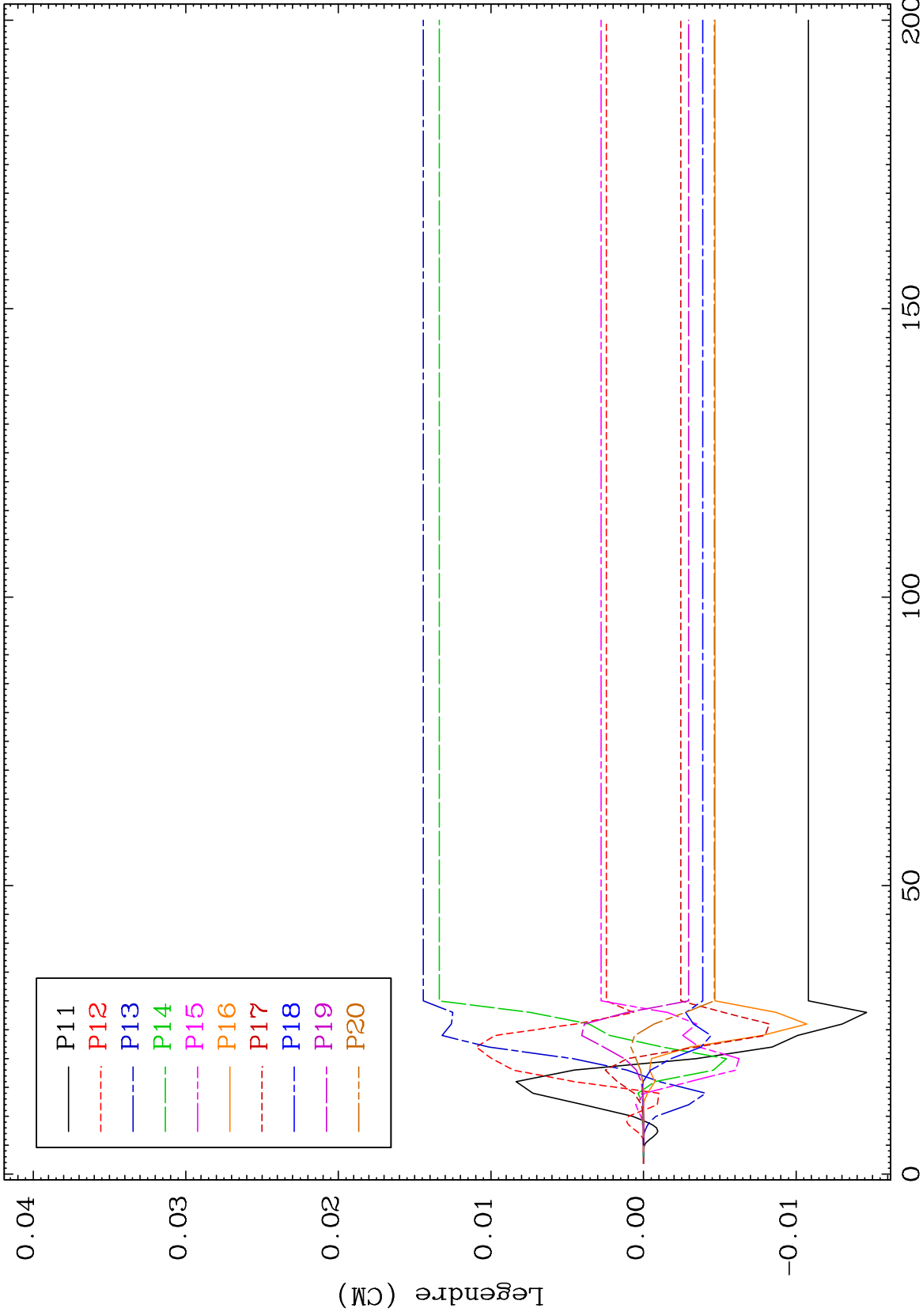
Incident Energy (MeV)

107

MAT 8337

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

83-Bi-213



108

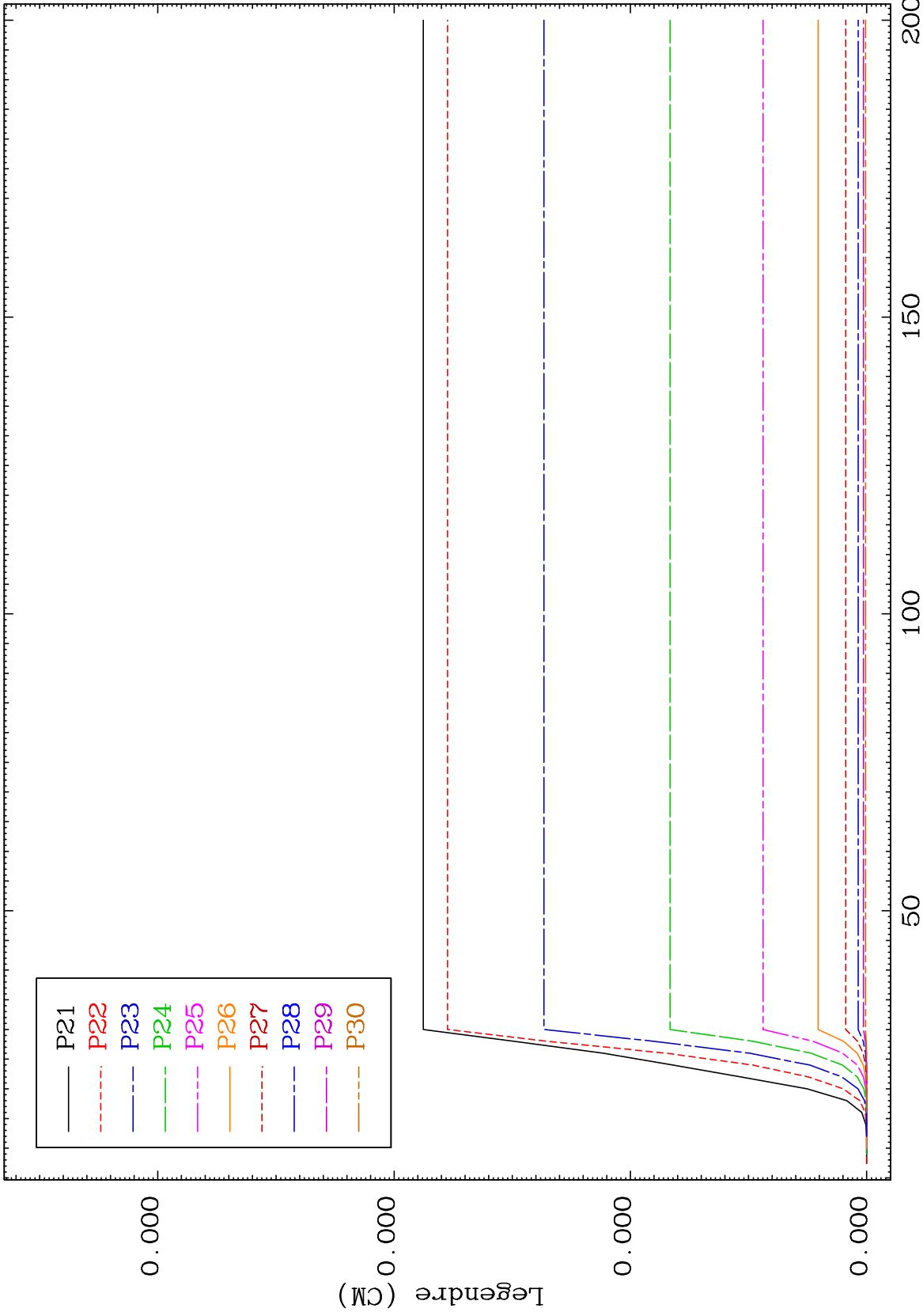
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



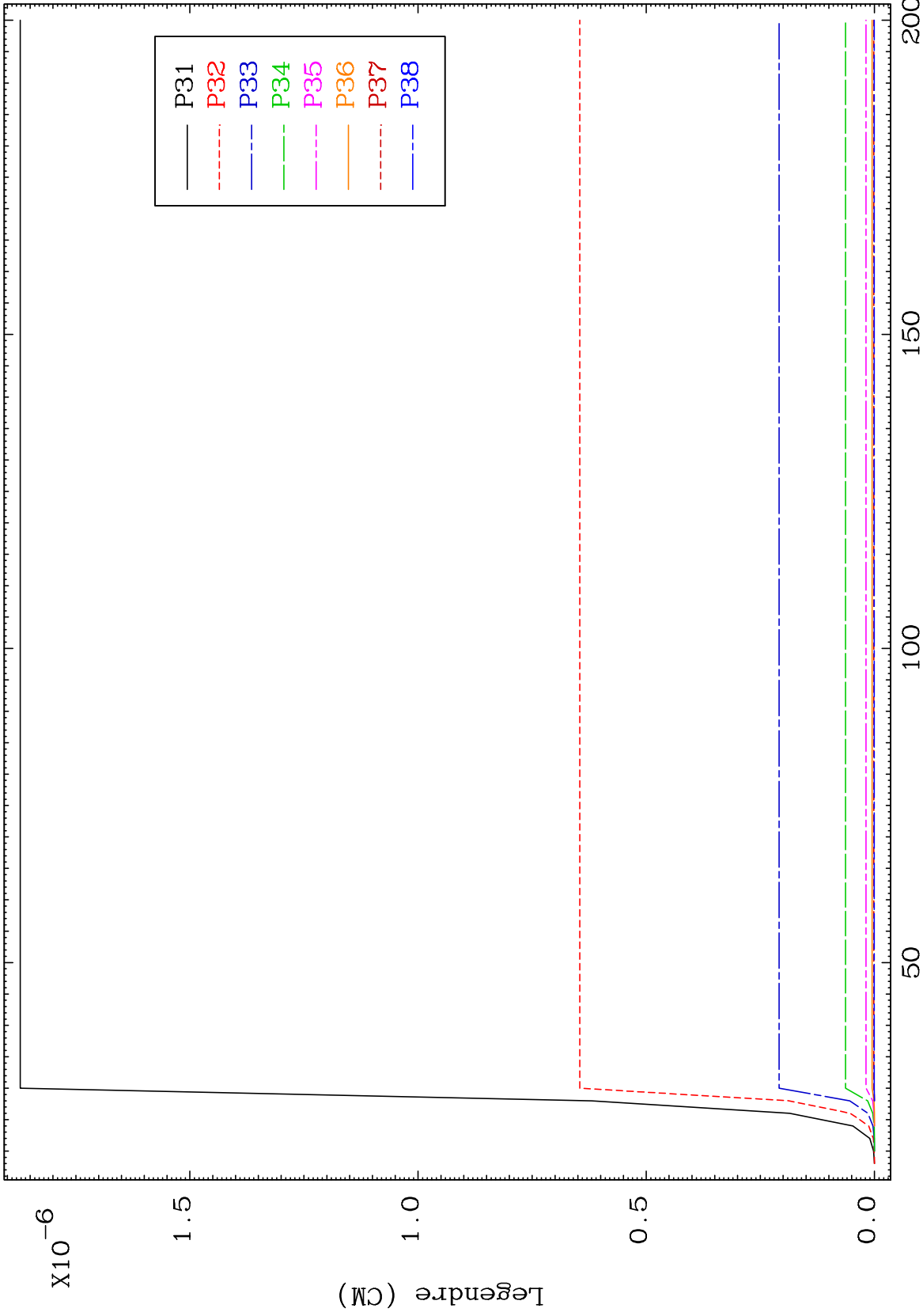
109

83-Bi-213

MAT 8337

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

83-Bi-213



110

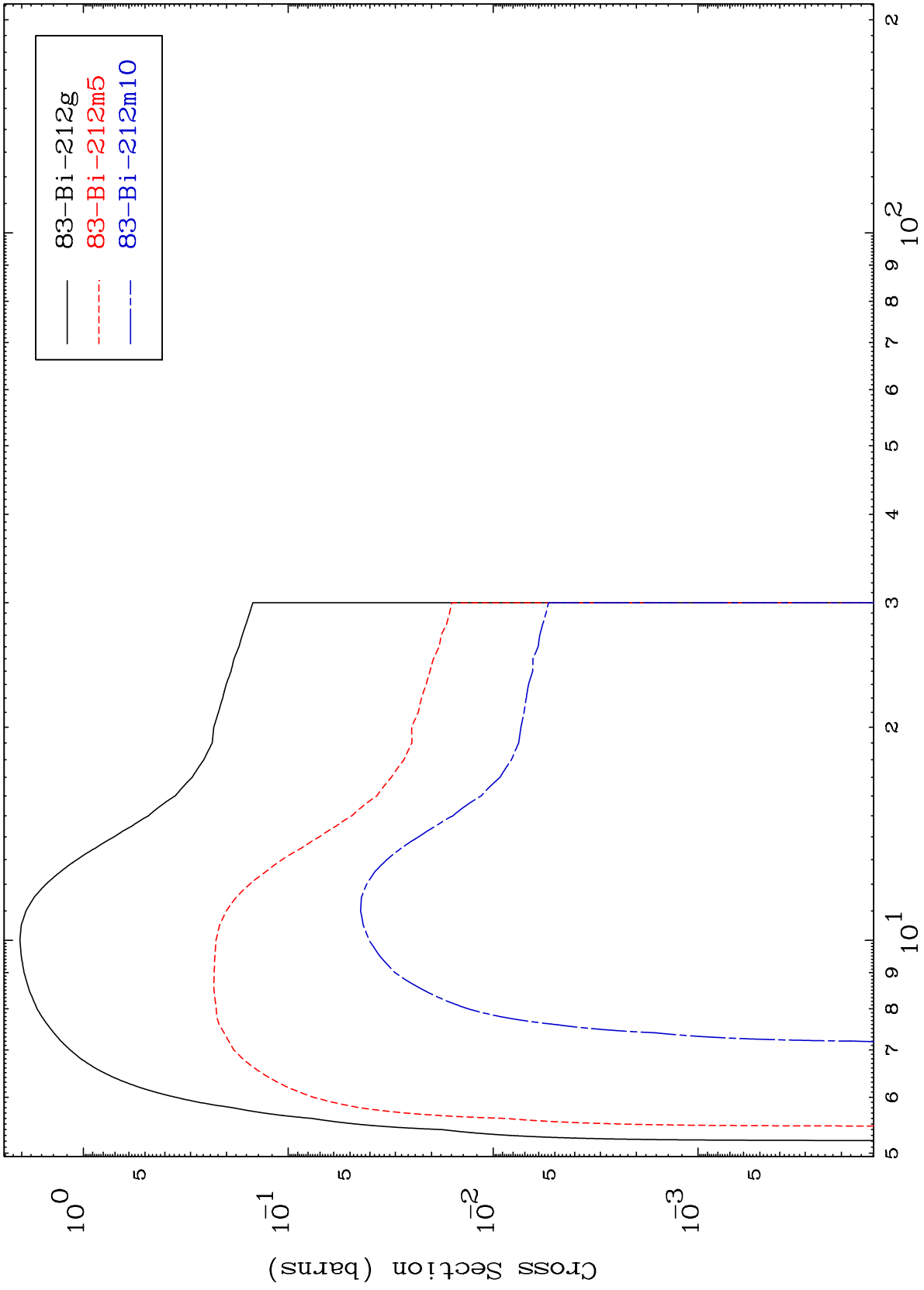
Incident Energy (MeV)

83-Bi-213

MAT 8337

83-Bi-213

(n,2n)
Radionuclide Production Cross Section



111

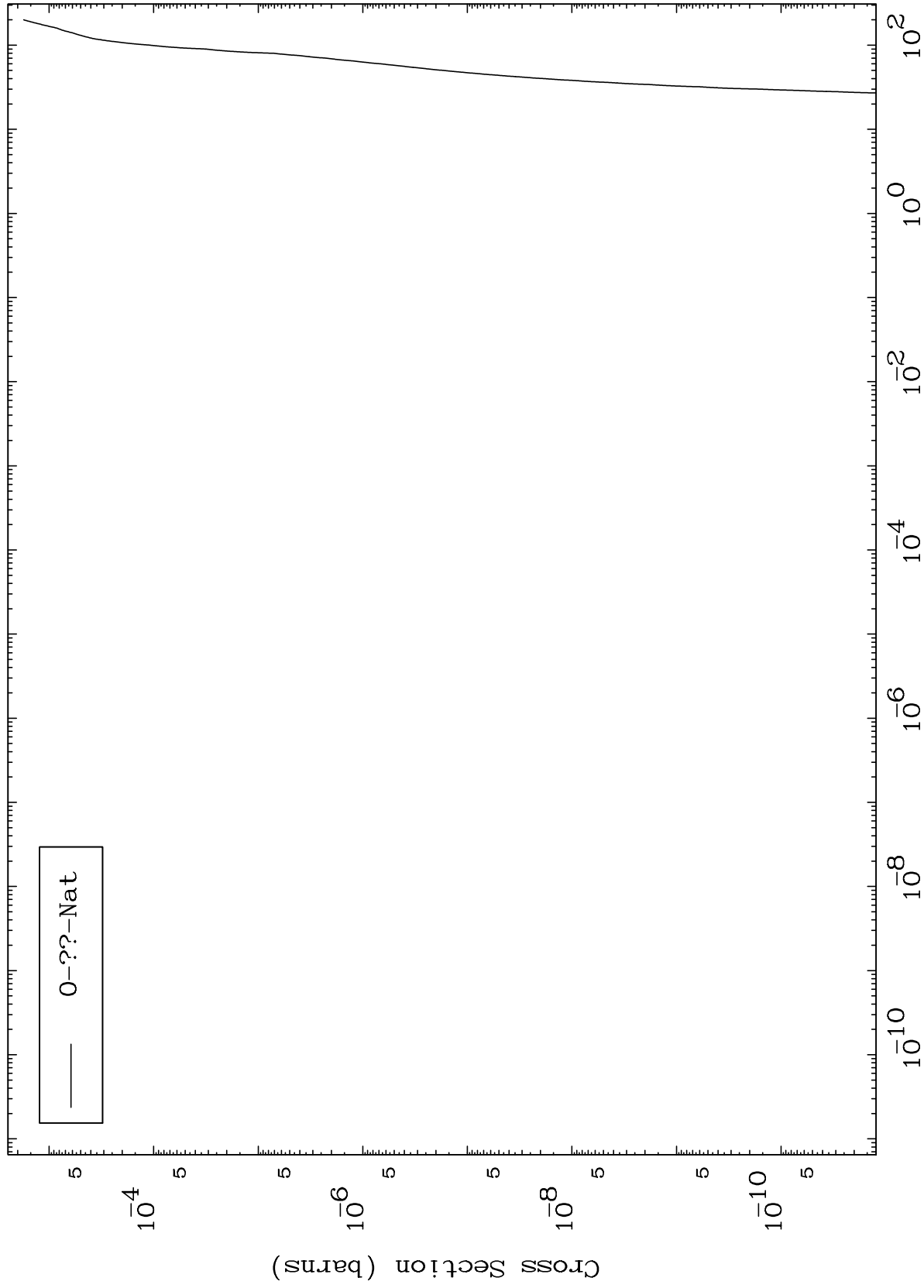
Incident Energy (MeV)

83-Bi-213

MAT 8337

Fission
Radionuclide Production Cross Section

83-Bi-213



112

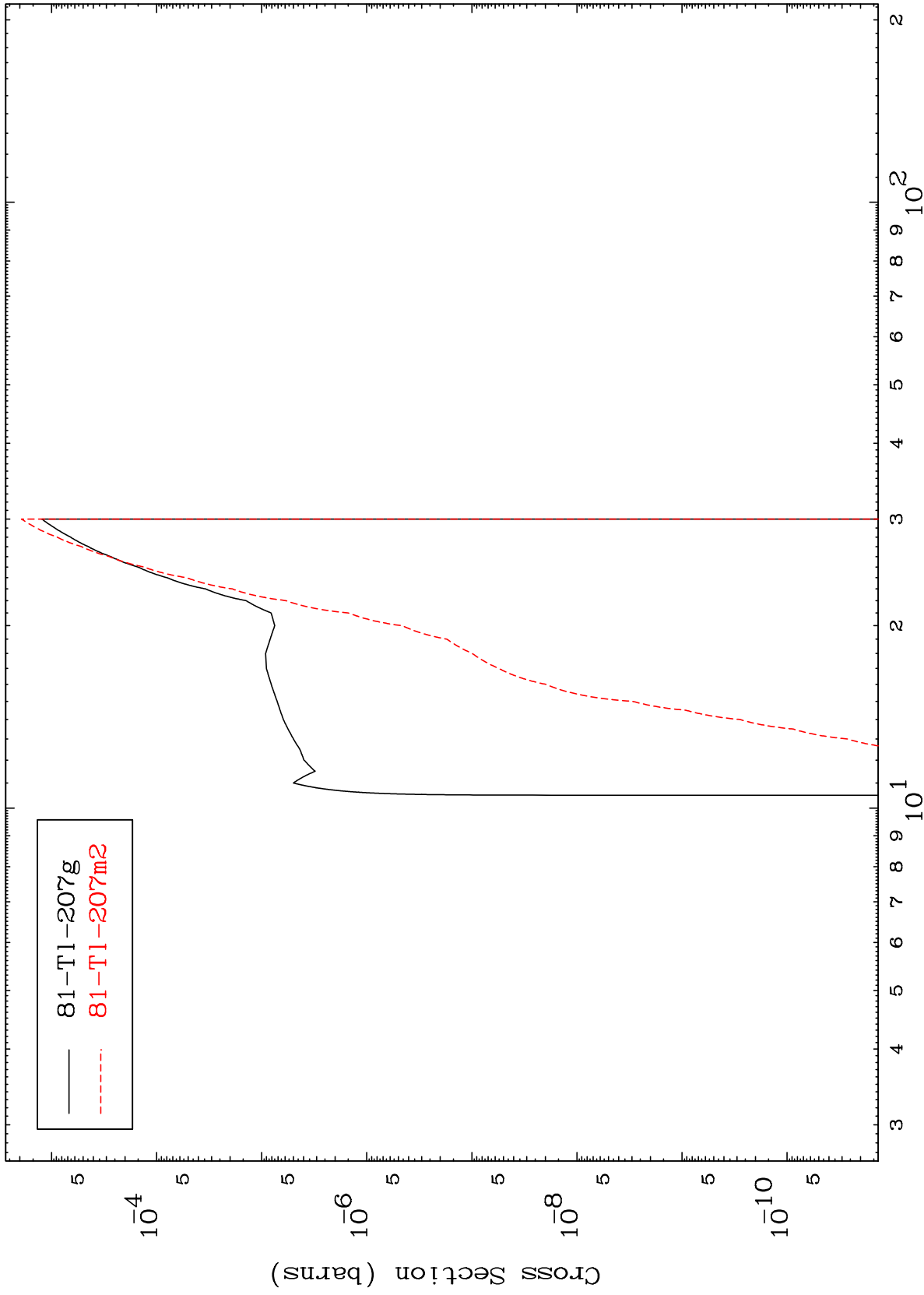
83-Bi-213

MAT 8337

(n,3n) α

83-Bi-213

Radionuclide Production Cross Section



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

113

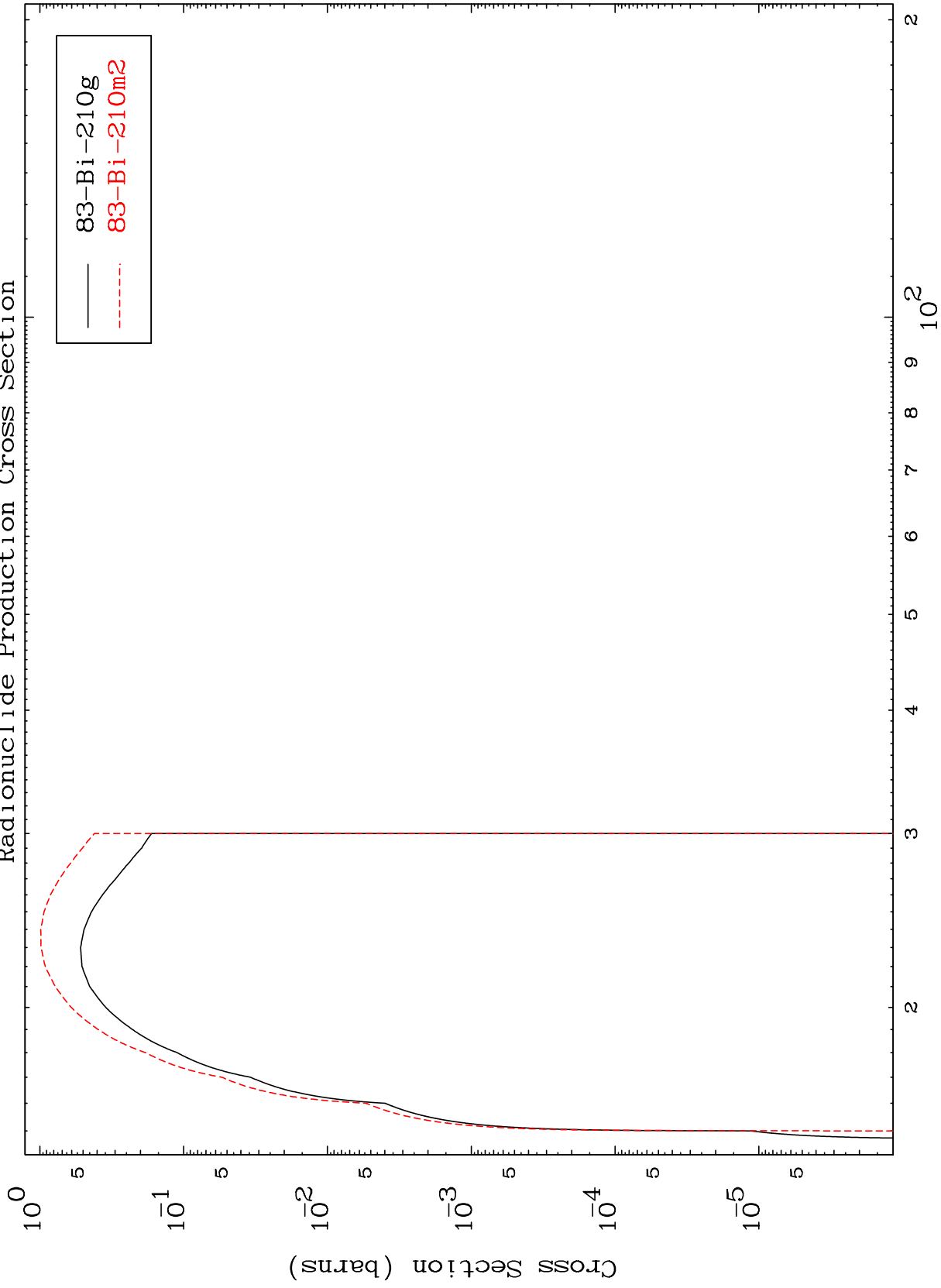
Incident Energy (MeV)

83-Bi-213

MAT 8337

83-Bi-213

(n,4n)
Radionuclide Production Cross Section



114

Incident Energy (MeV)

83-Bi-213