

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

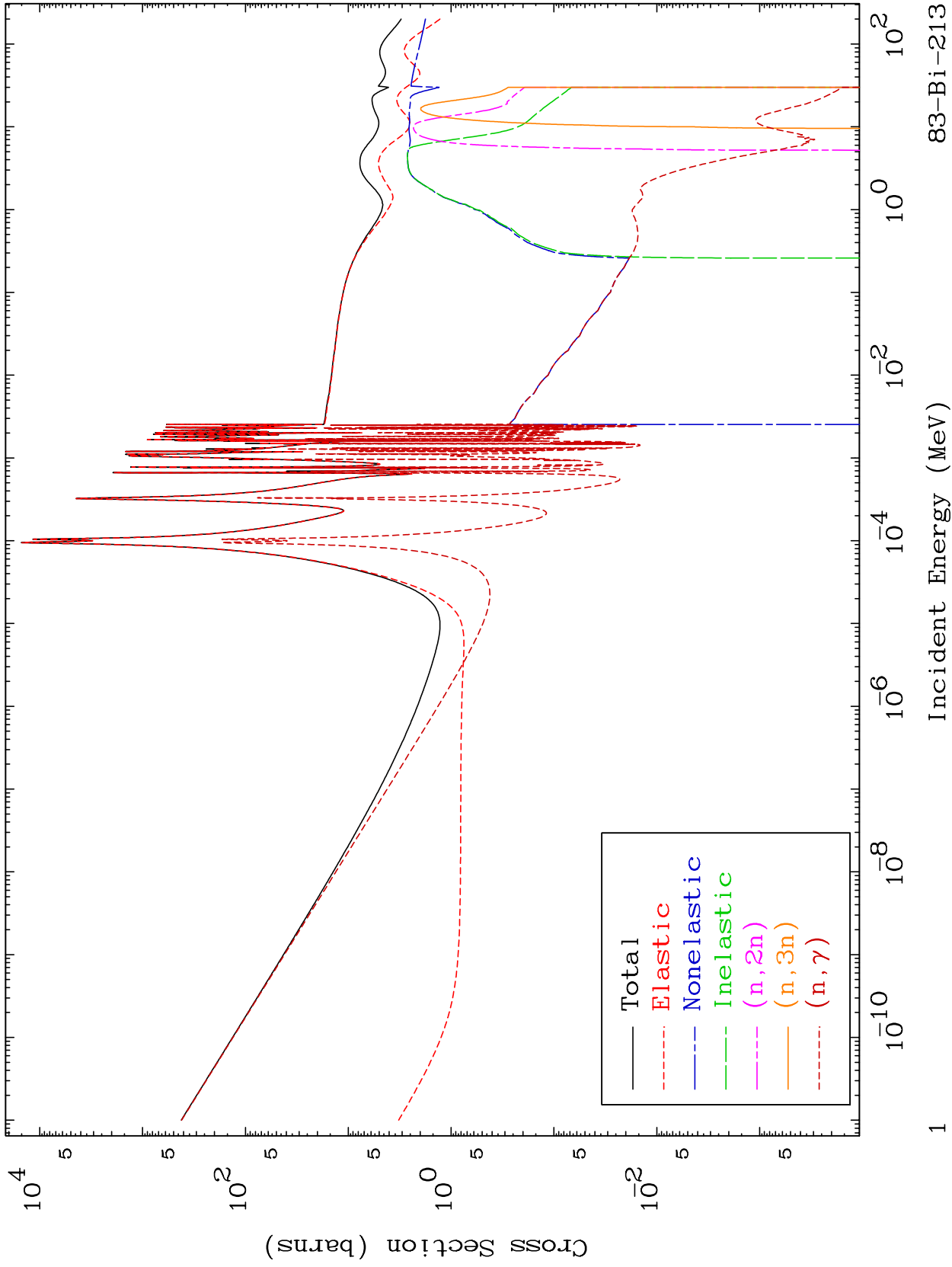
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Press Mouse Button to Start

MAT 8337

Neutron Major  
293 Kelvin Cross Sections

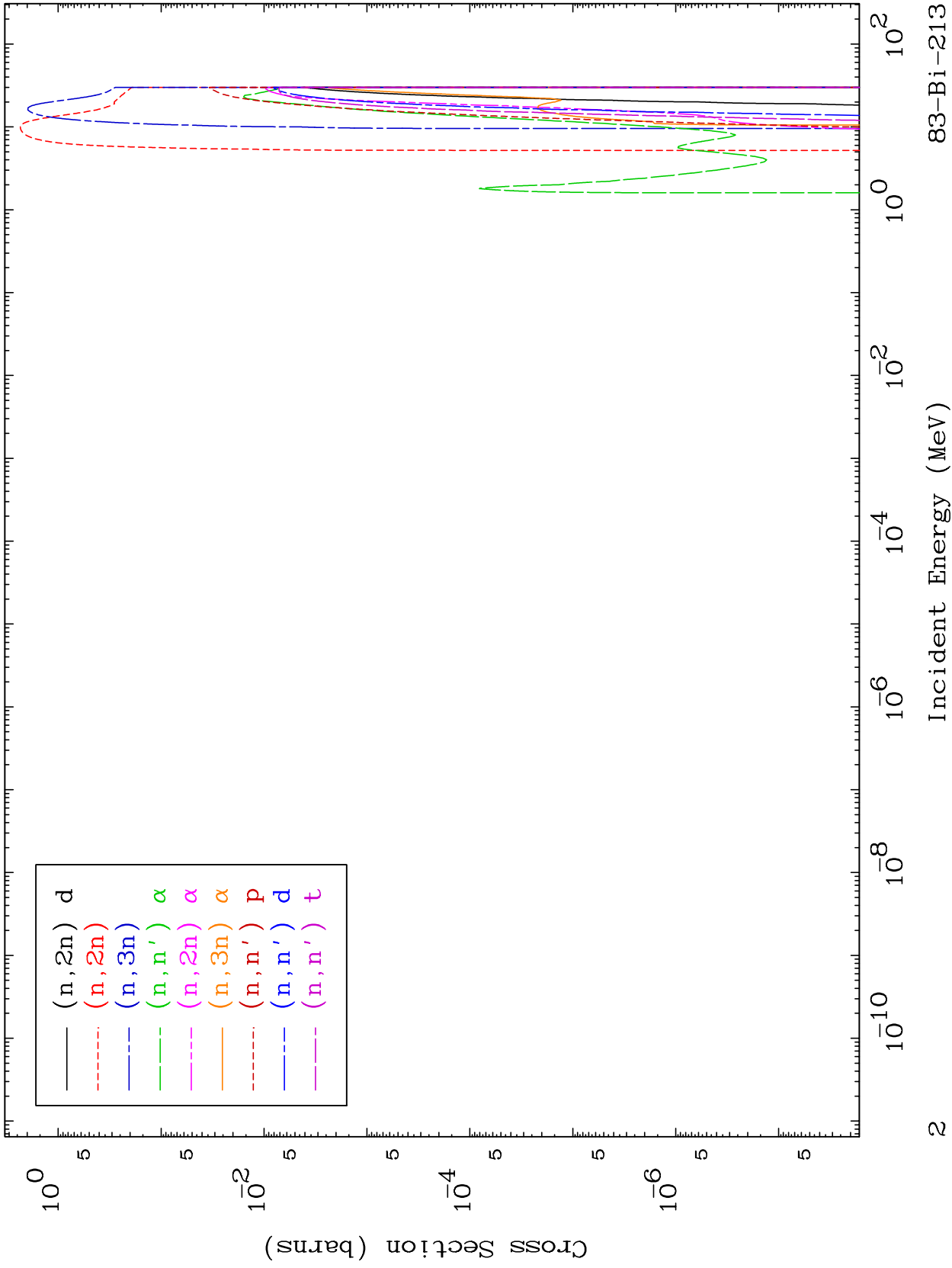
83-Bi-213



MAT 8337

Neutron Absorption  
293 Kelvin Cross Sections

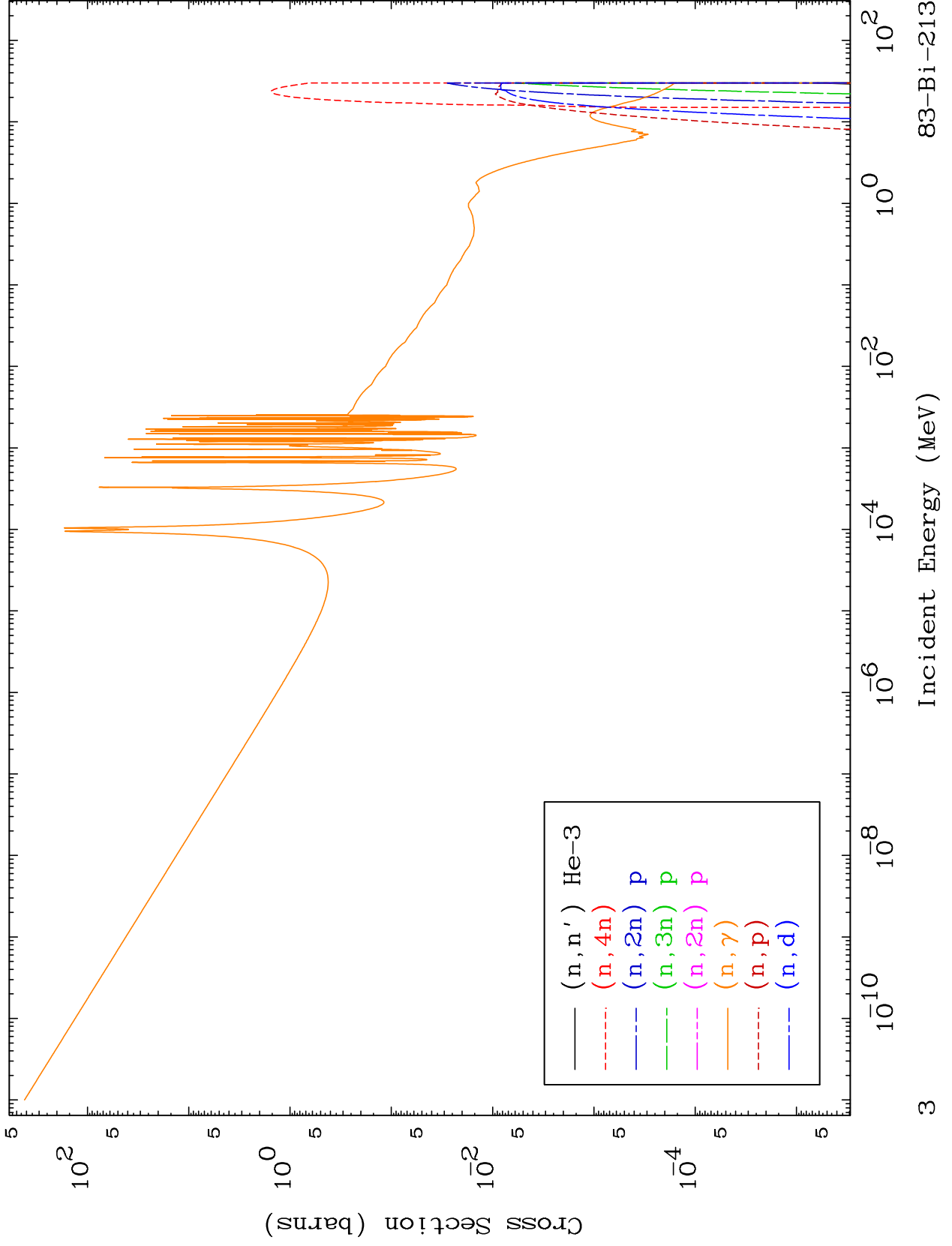
83-Bi-213



MAT 8337

Neutron Absorption  
293 Kelvin Cross Sections

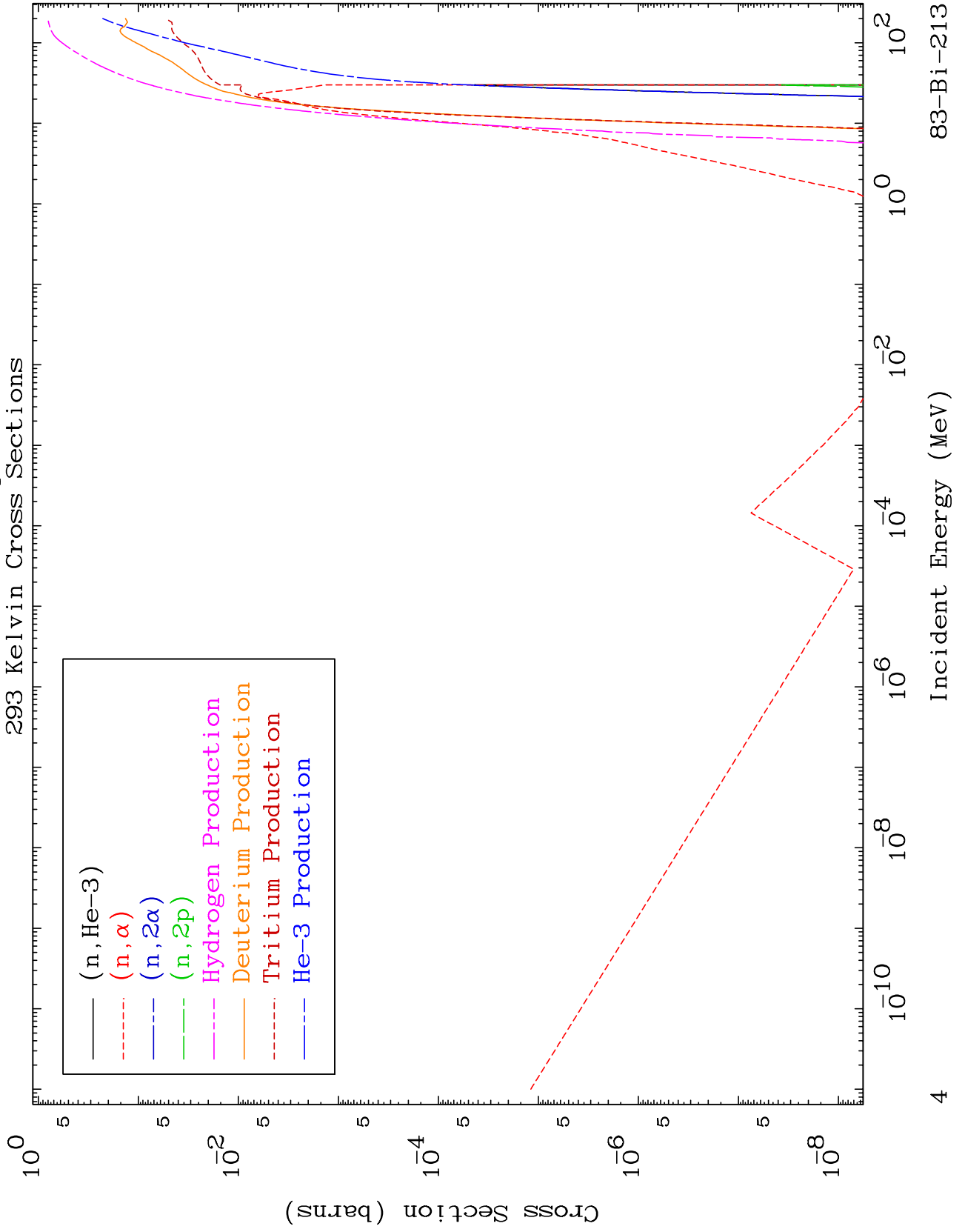
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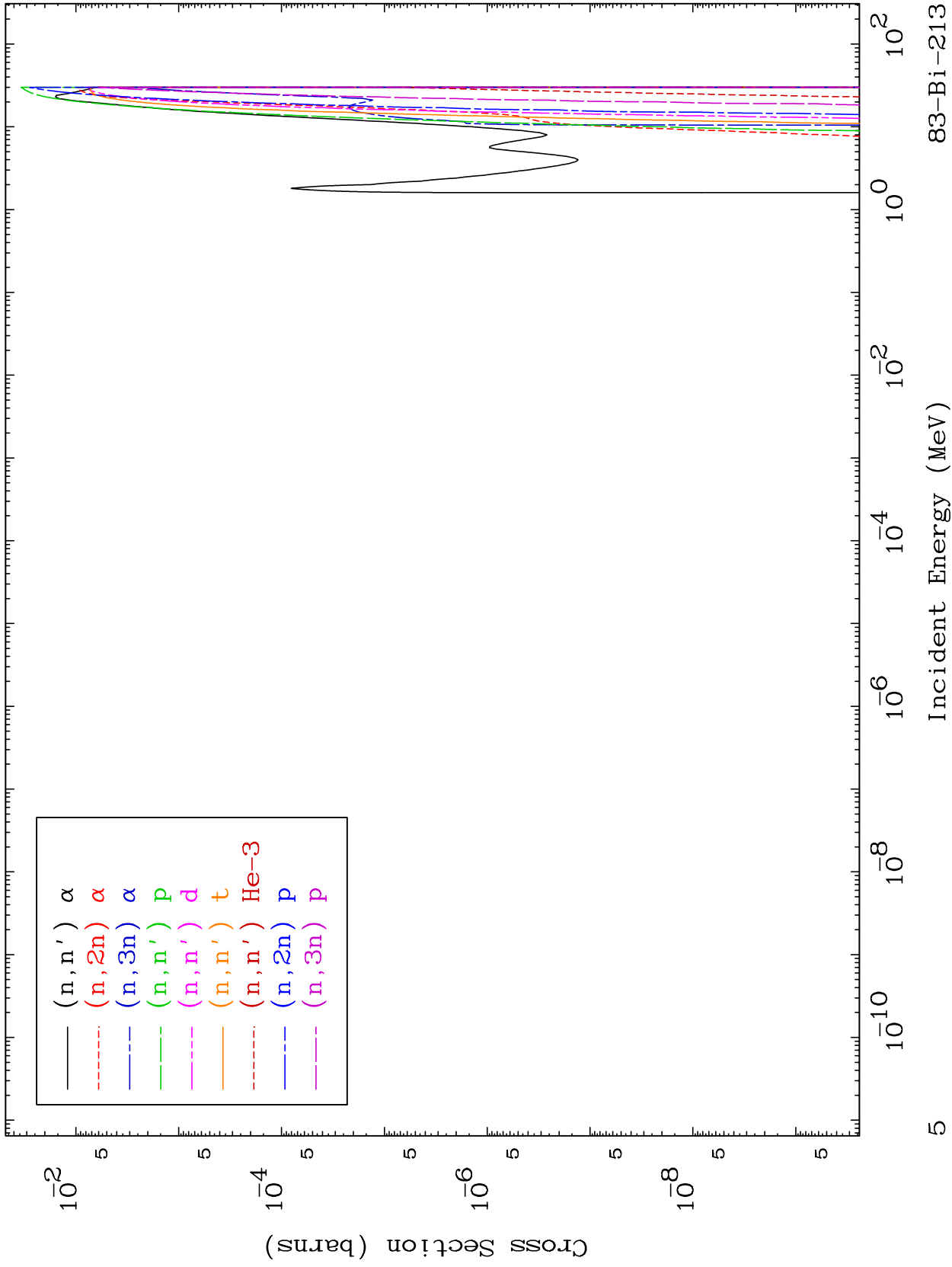


MAT 8337

Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-213

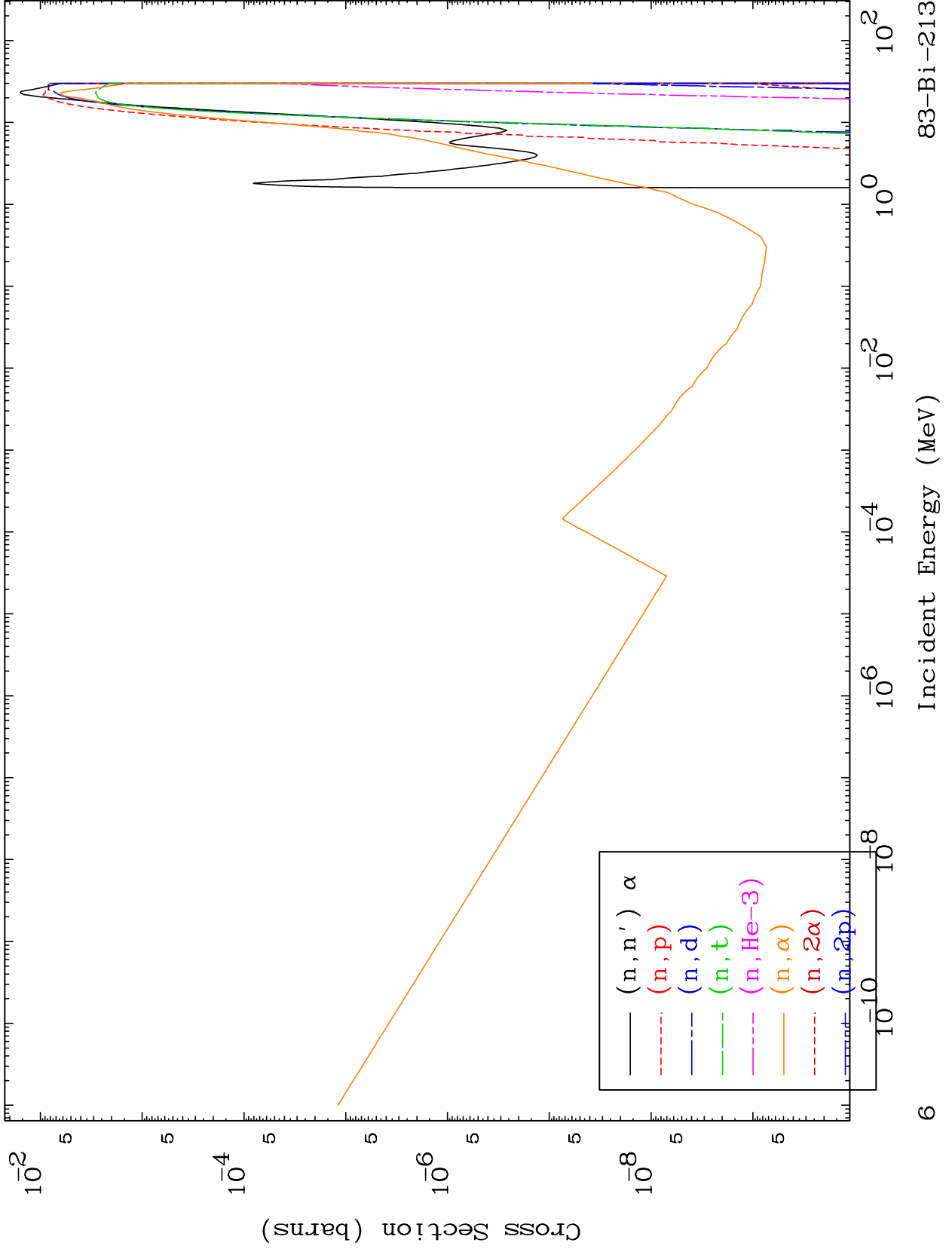




MAT 8337

Charged Particle  
293 Kelvin Cross Sections

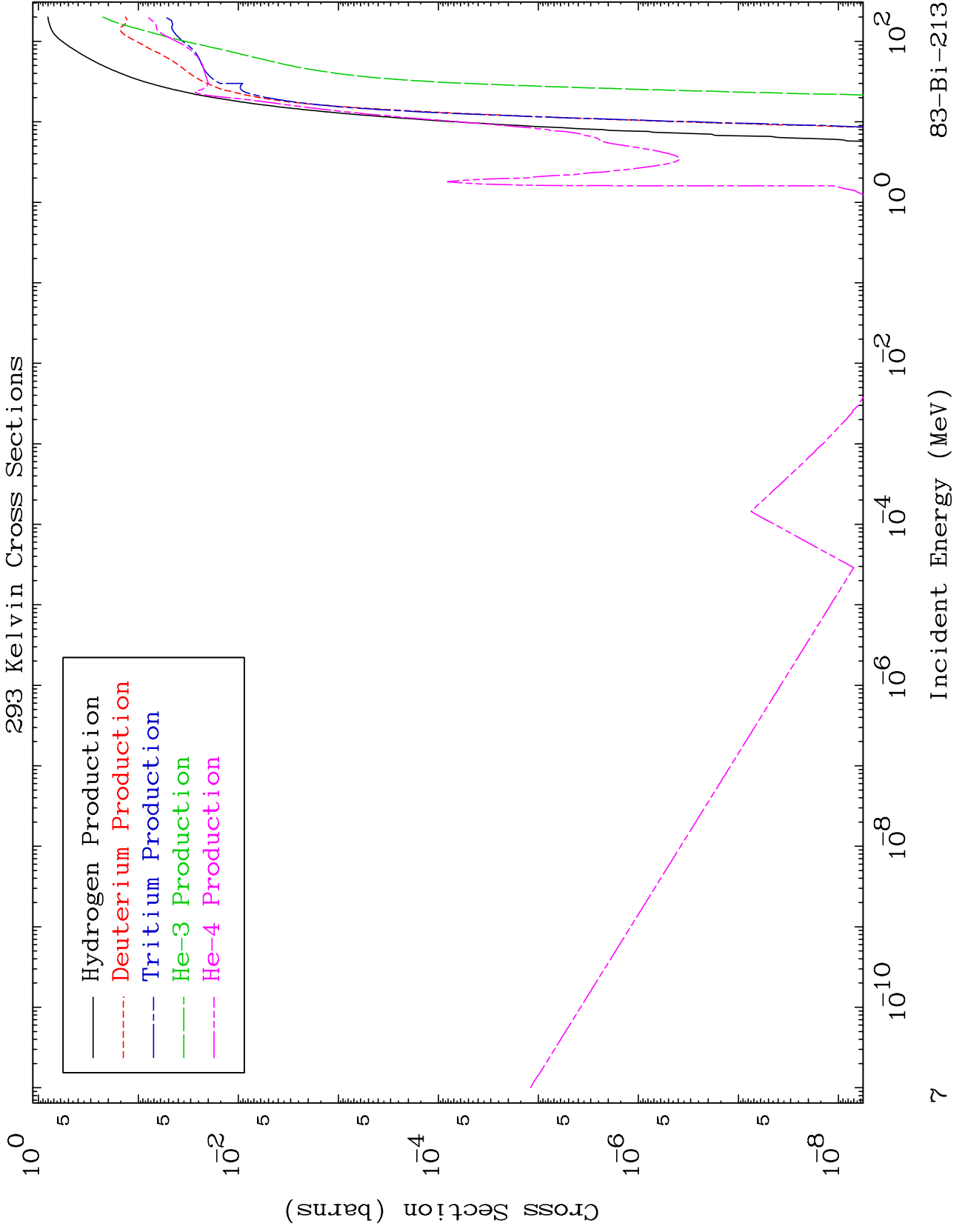
83-Bi-213



MAT 8337

Particle Production  
293 Kelvin Cross Sections

83-Bi-213



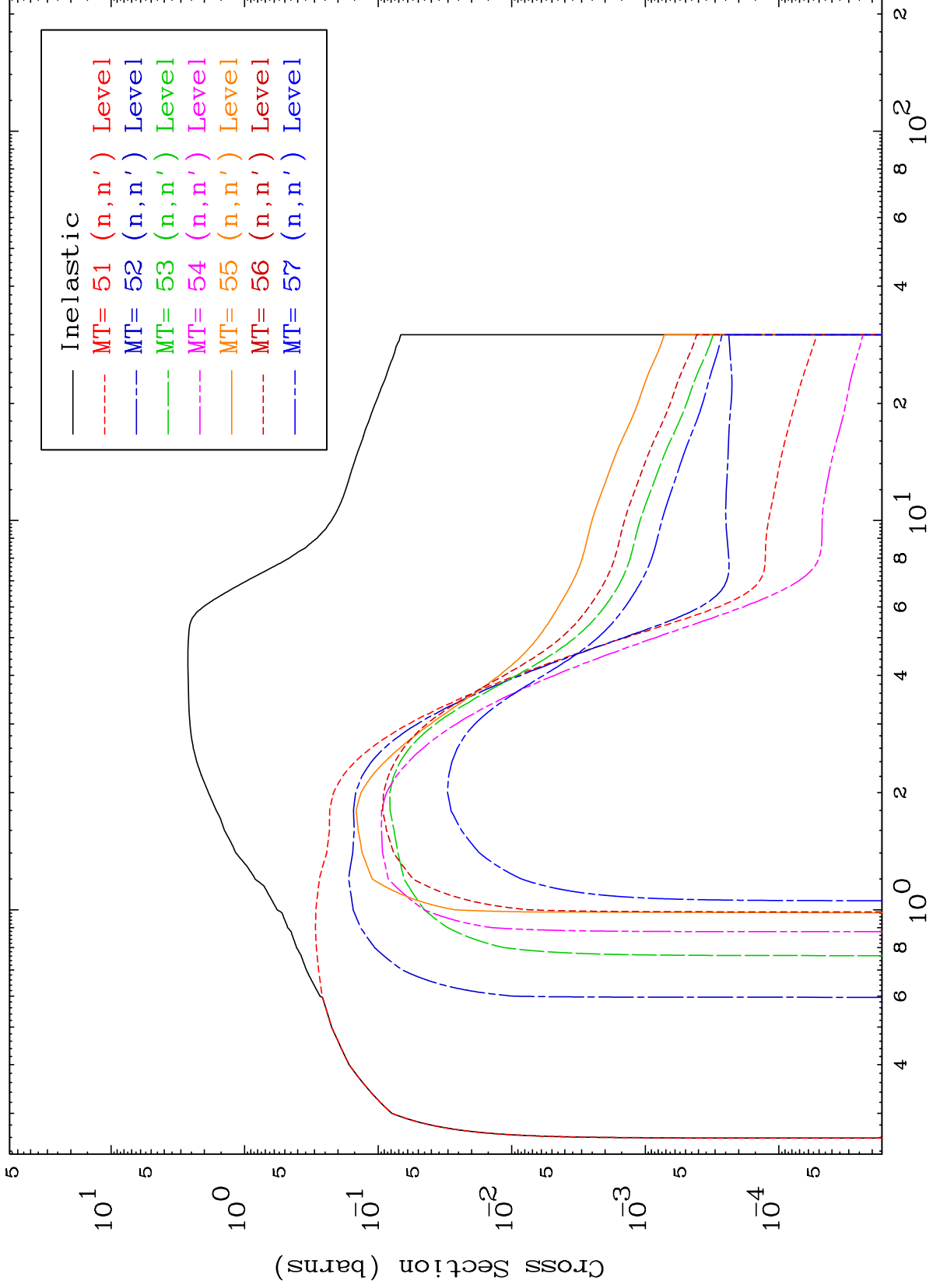


MAT 8337

(n,n') Levels

83-Bi-213

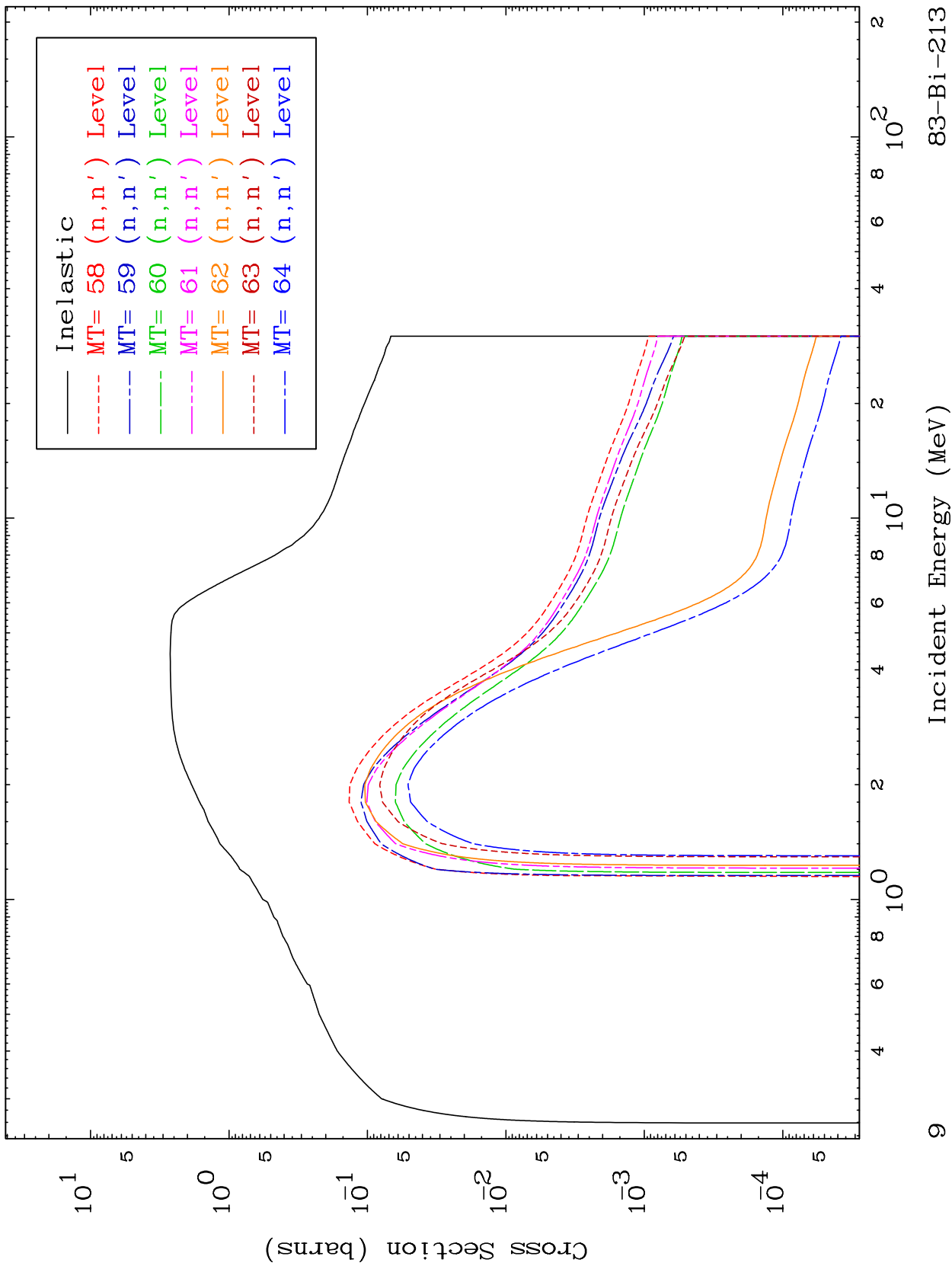
293 Kelvin Cross Sections



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Incident Energy (MeV)

83-Bi-213

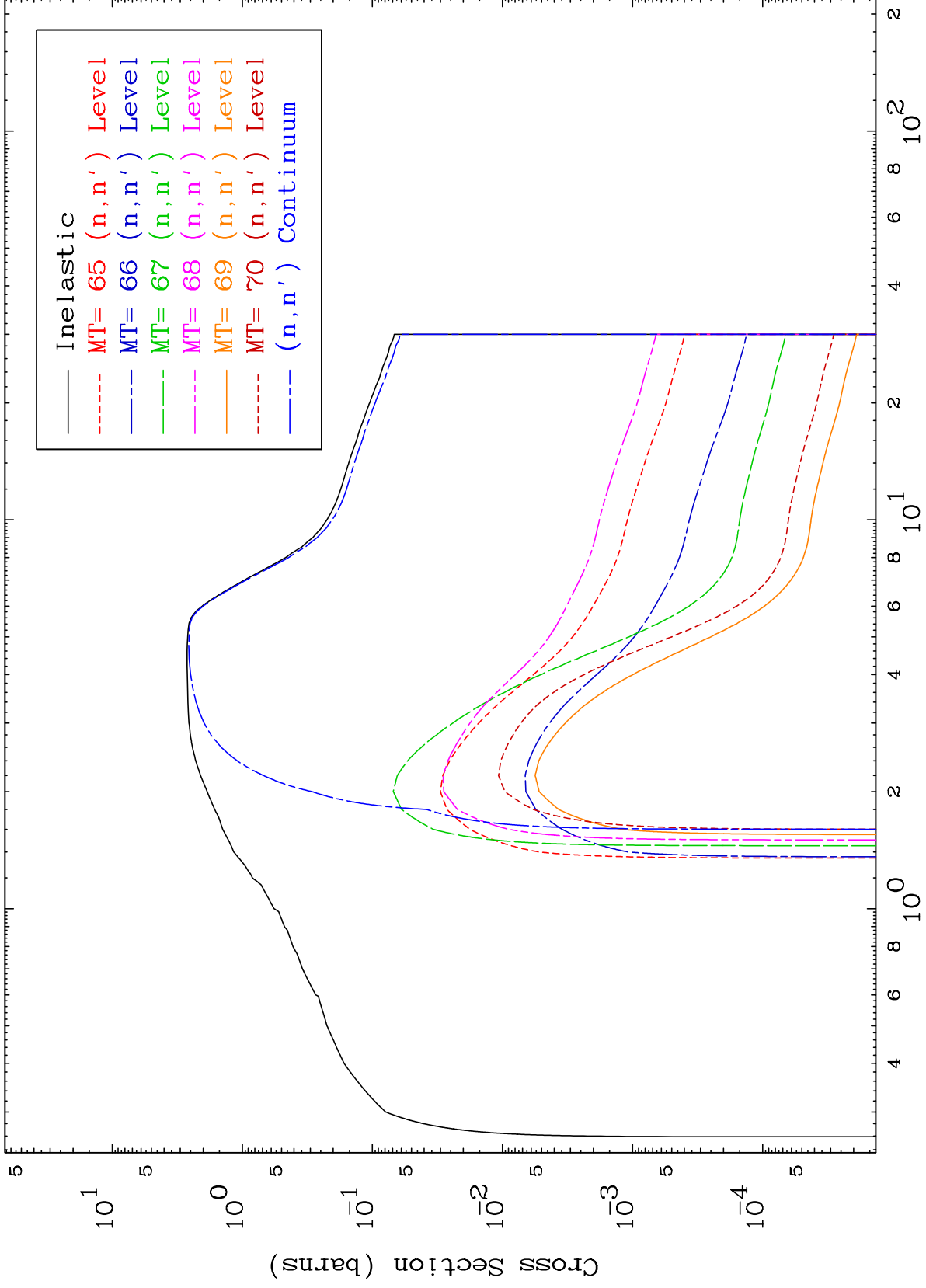


MAT 8337

(n,n') Levels

83-Bi-213

293 Kelvin Cross Sections



10

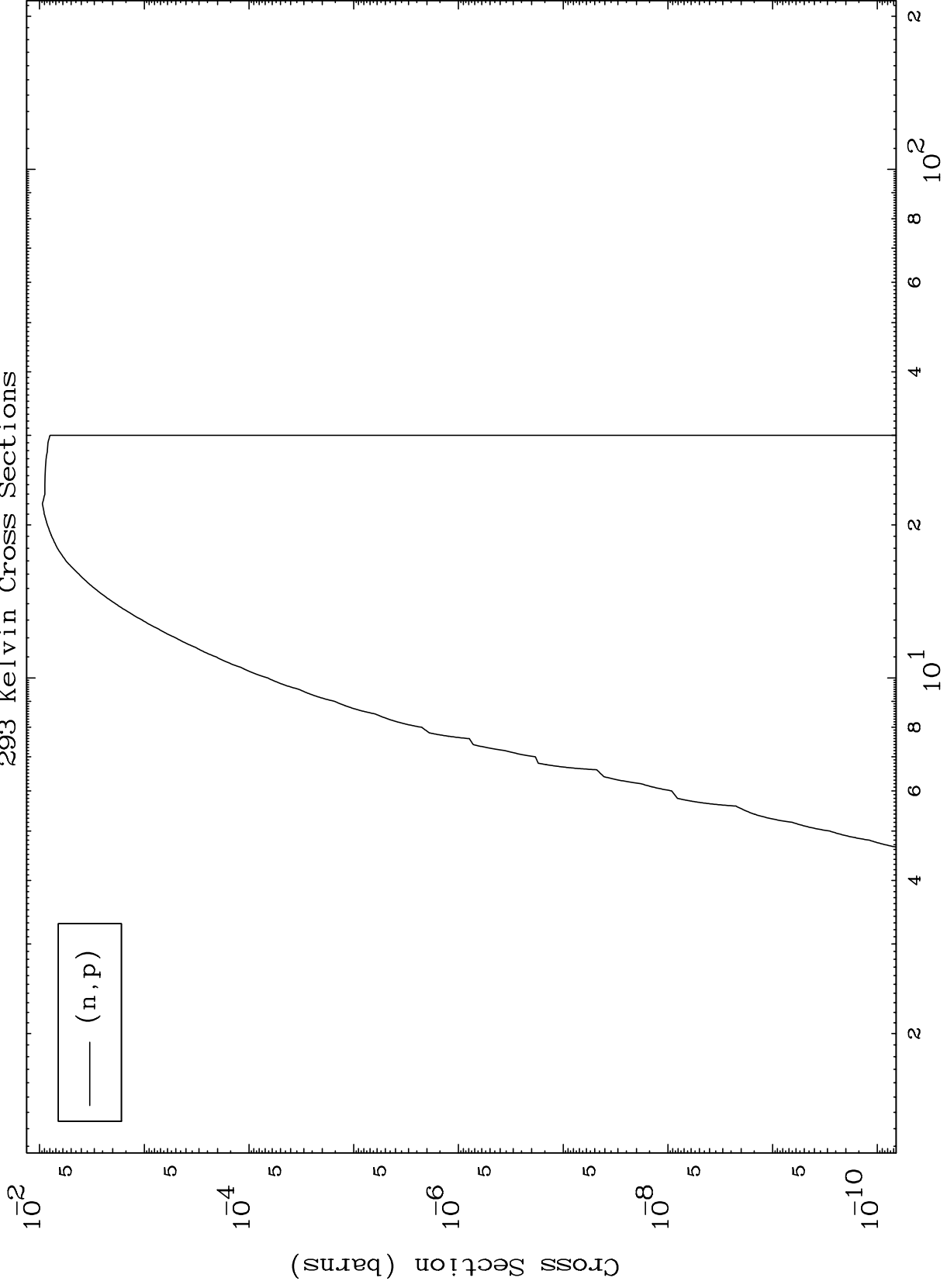
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,p) Levels  
293 Kelvin Cross Sections

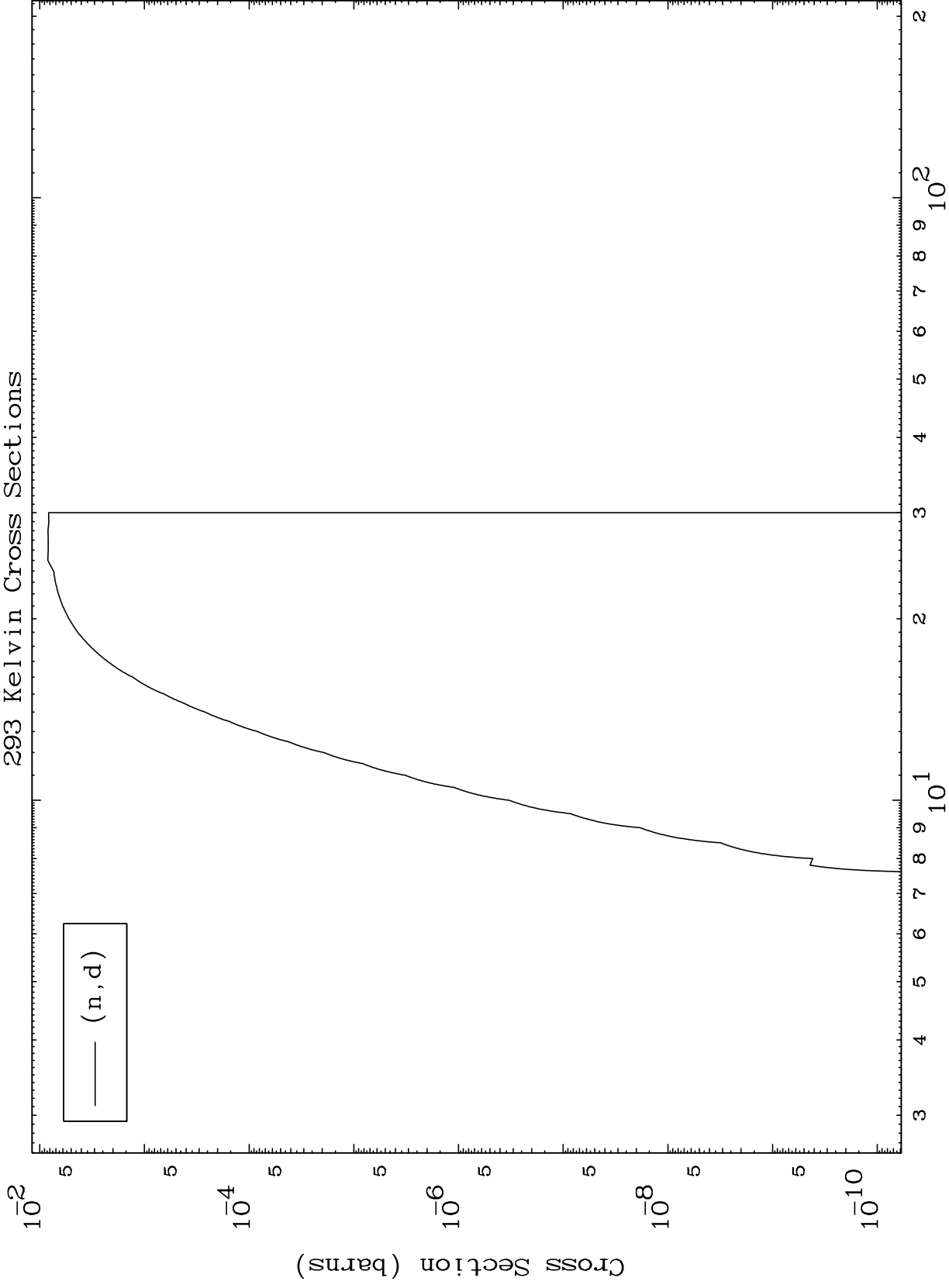
83-Bi-213



MAT 8337

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-213



12

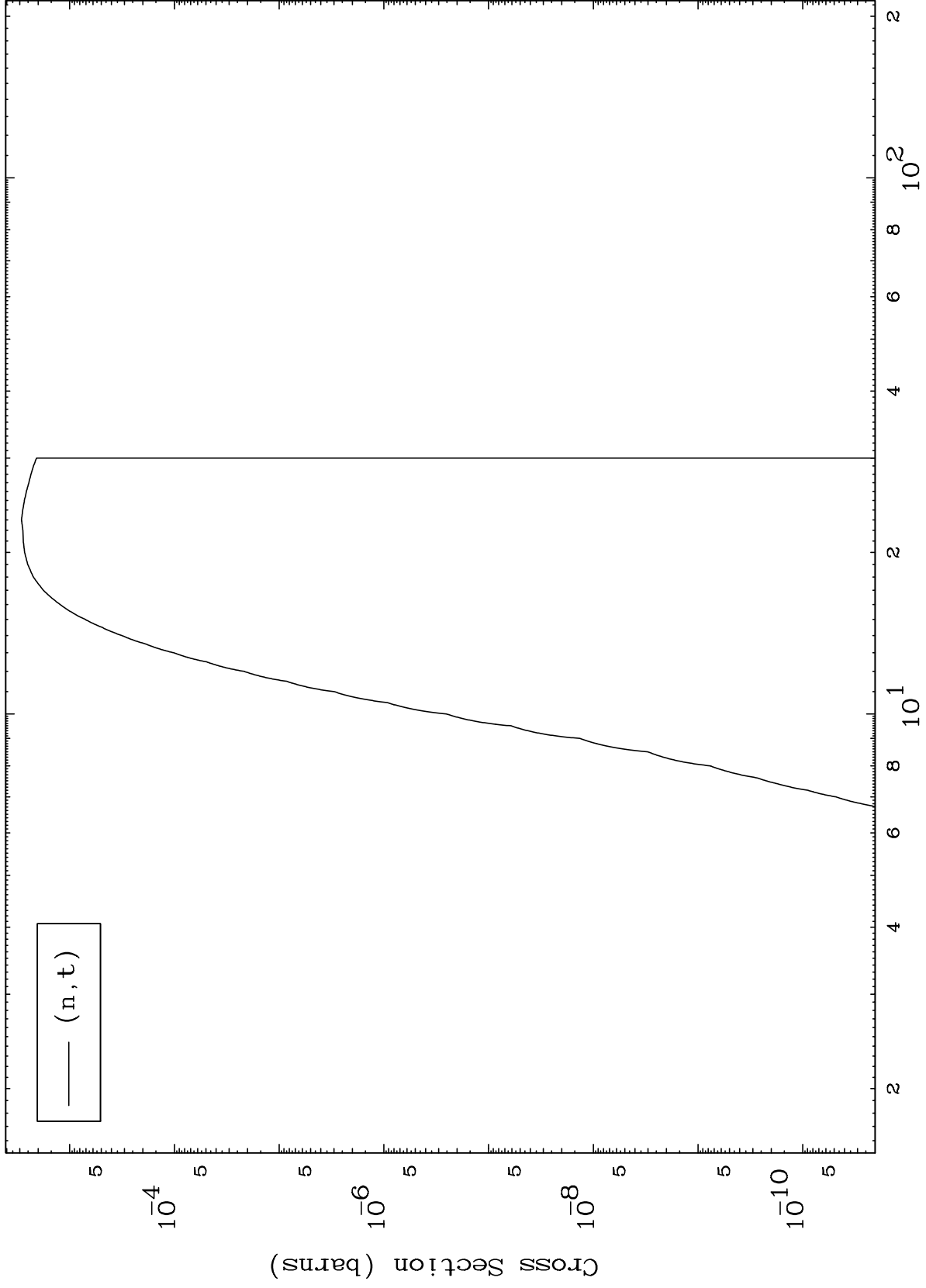
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-213



13

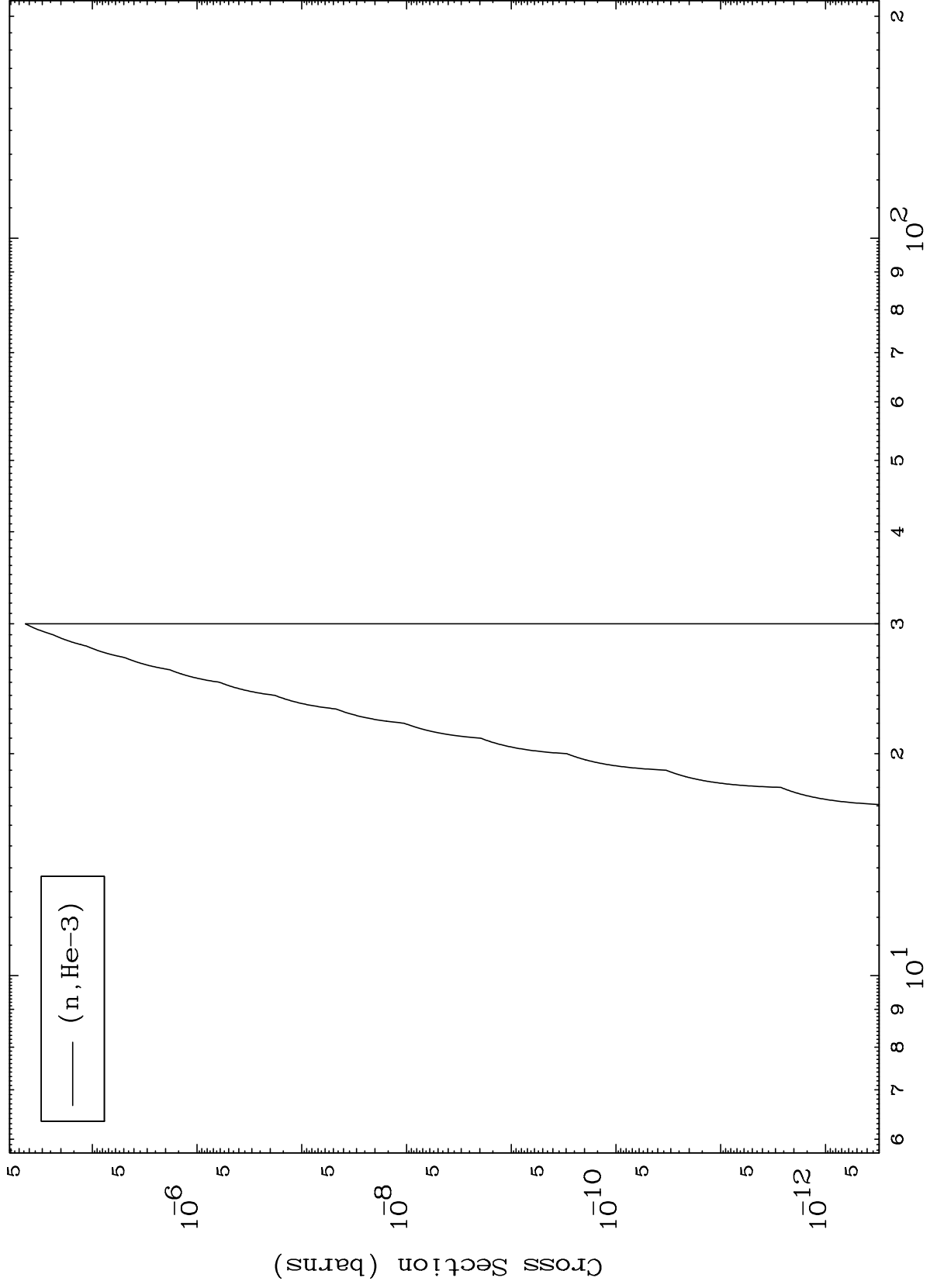
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-213



14

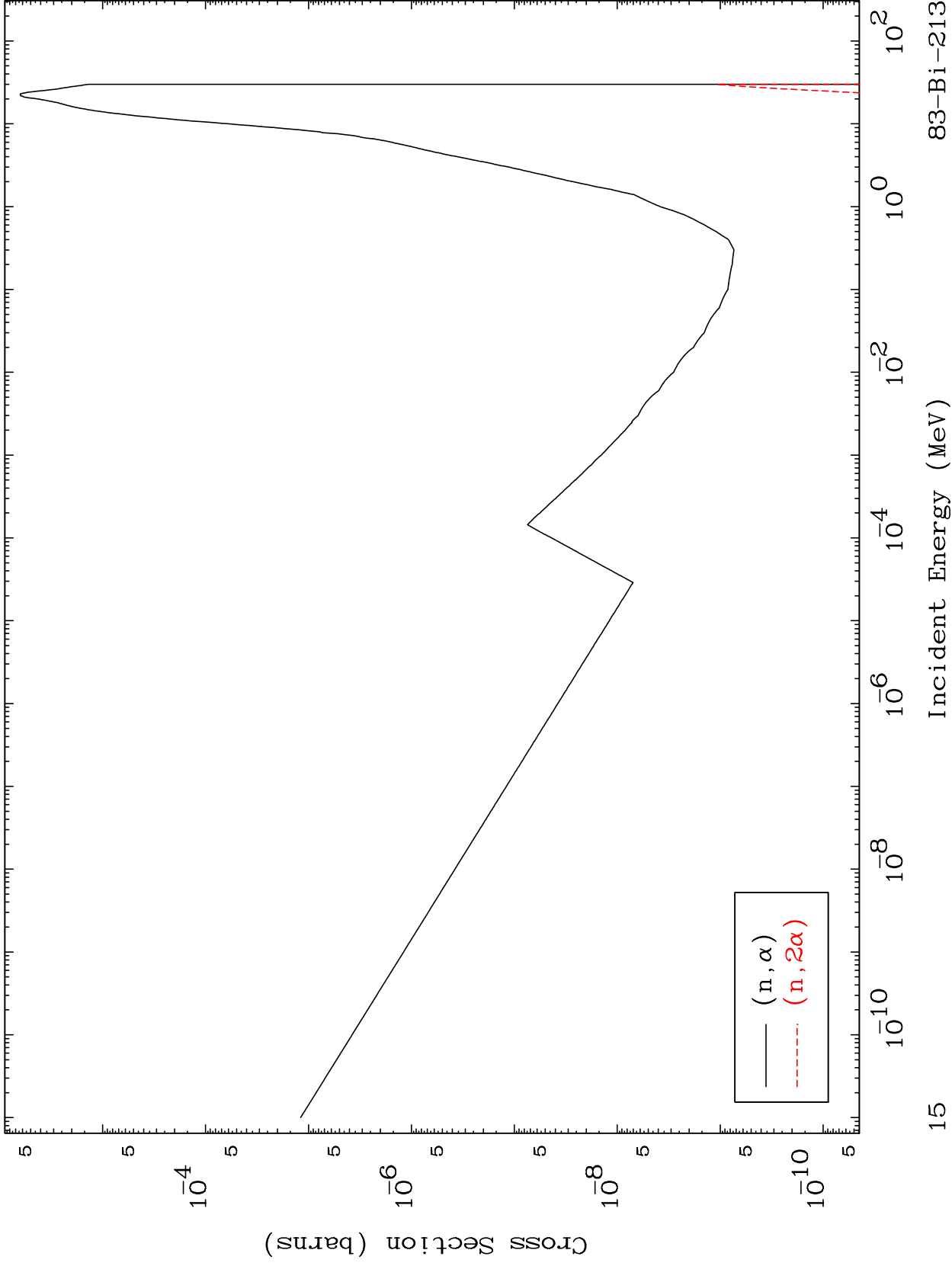
Incident Energy (MeV)

83-Bi-213

MAT 8337

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

83-Bi-213

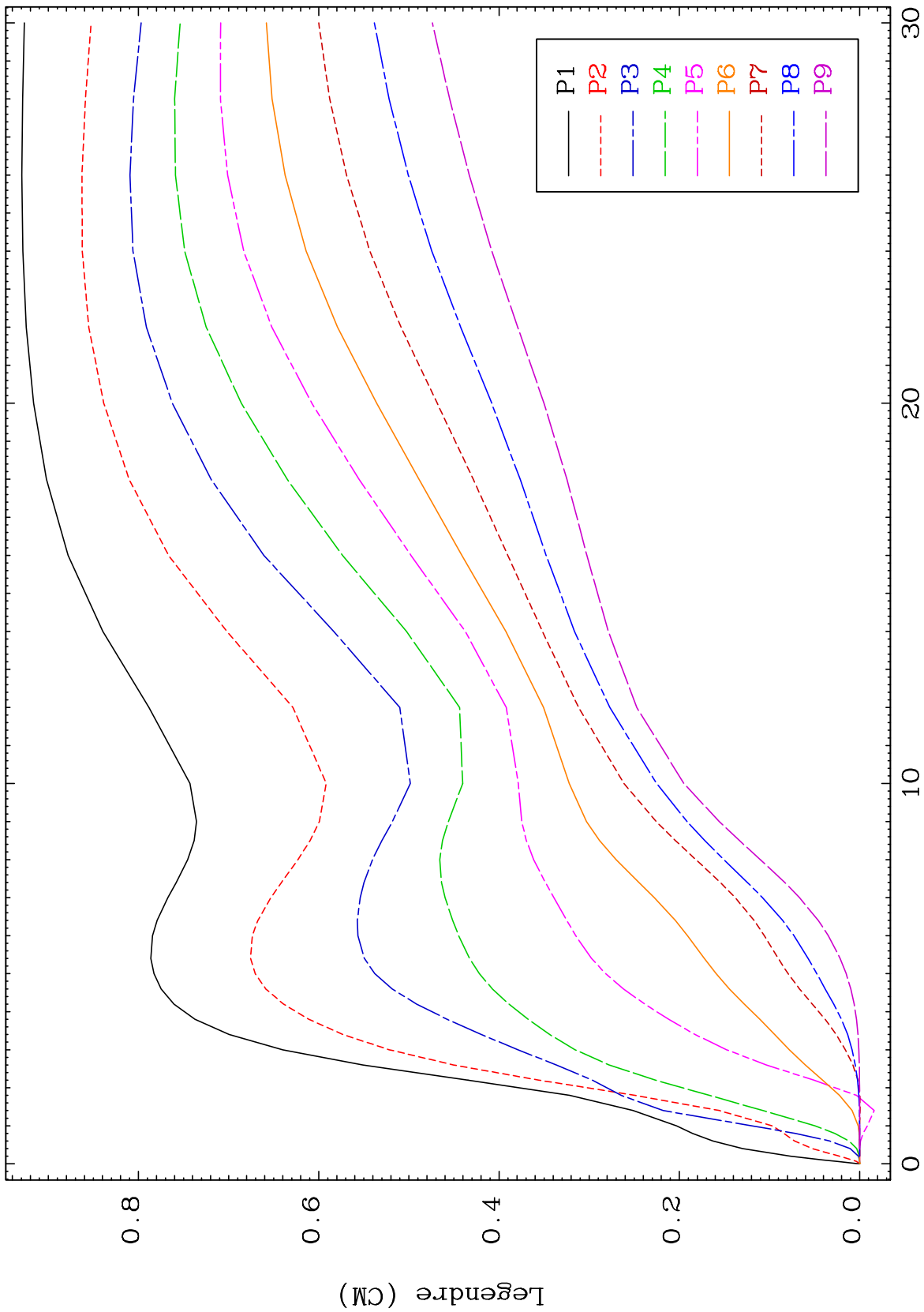




MAT 8337

83-Bi-213

Elastic Legendre Coefficients



83-Bi-213

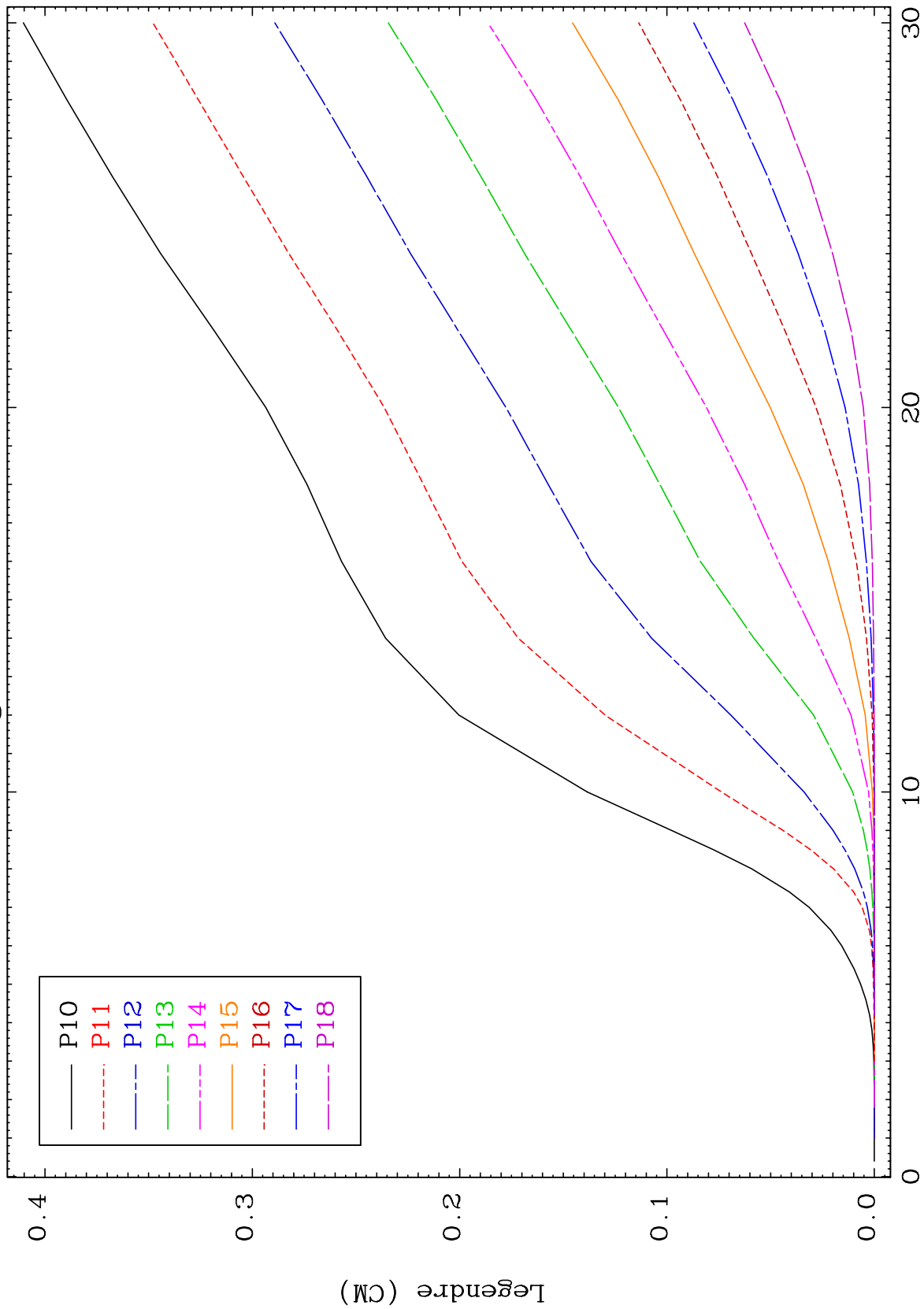
Incident Energy (MeV)

16

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



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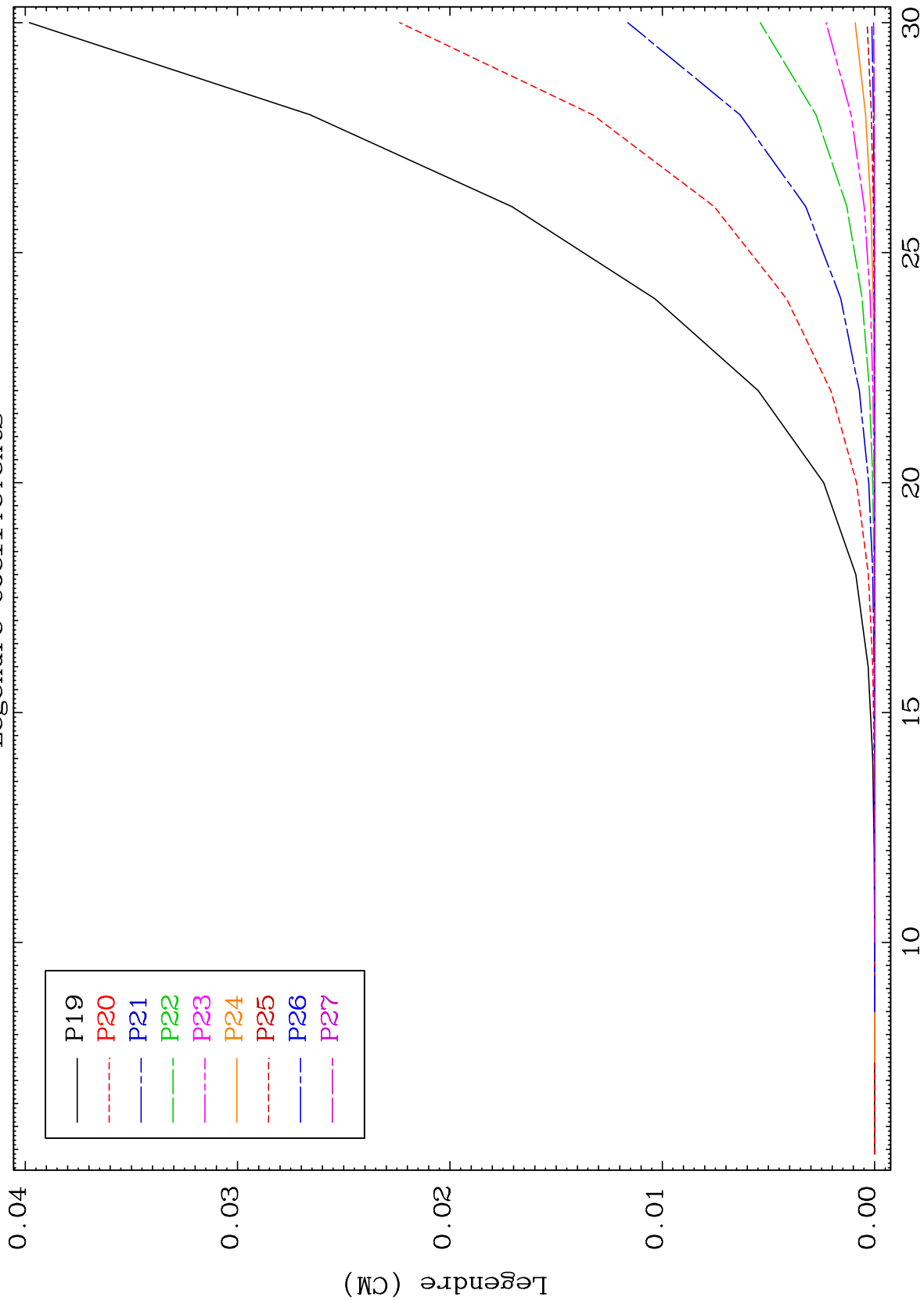
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic  
Legendre Coefficients

83-Bi-213



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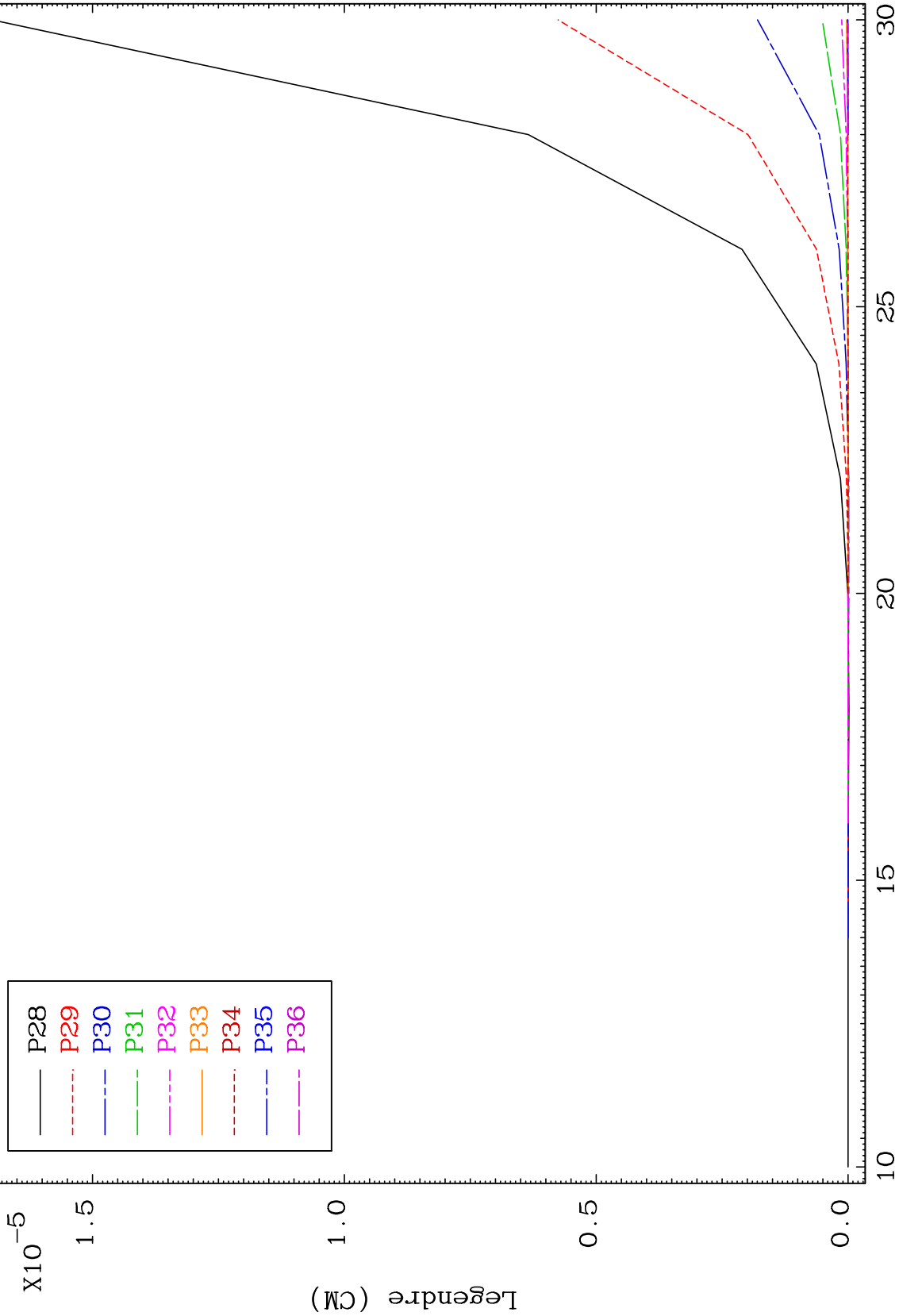
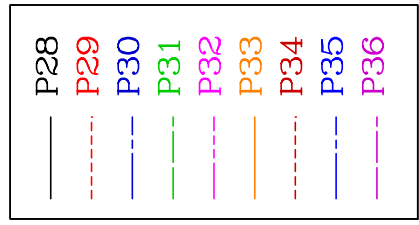
Incident Energy (MeV)

83-Bi-213

MAT 8337

Elastic Legendre Coefficients

83-Bi-213



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Incident Energy (MeV)

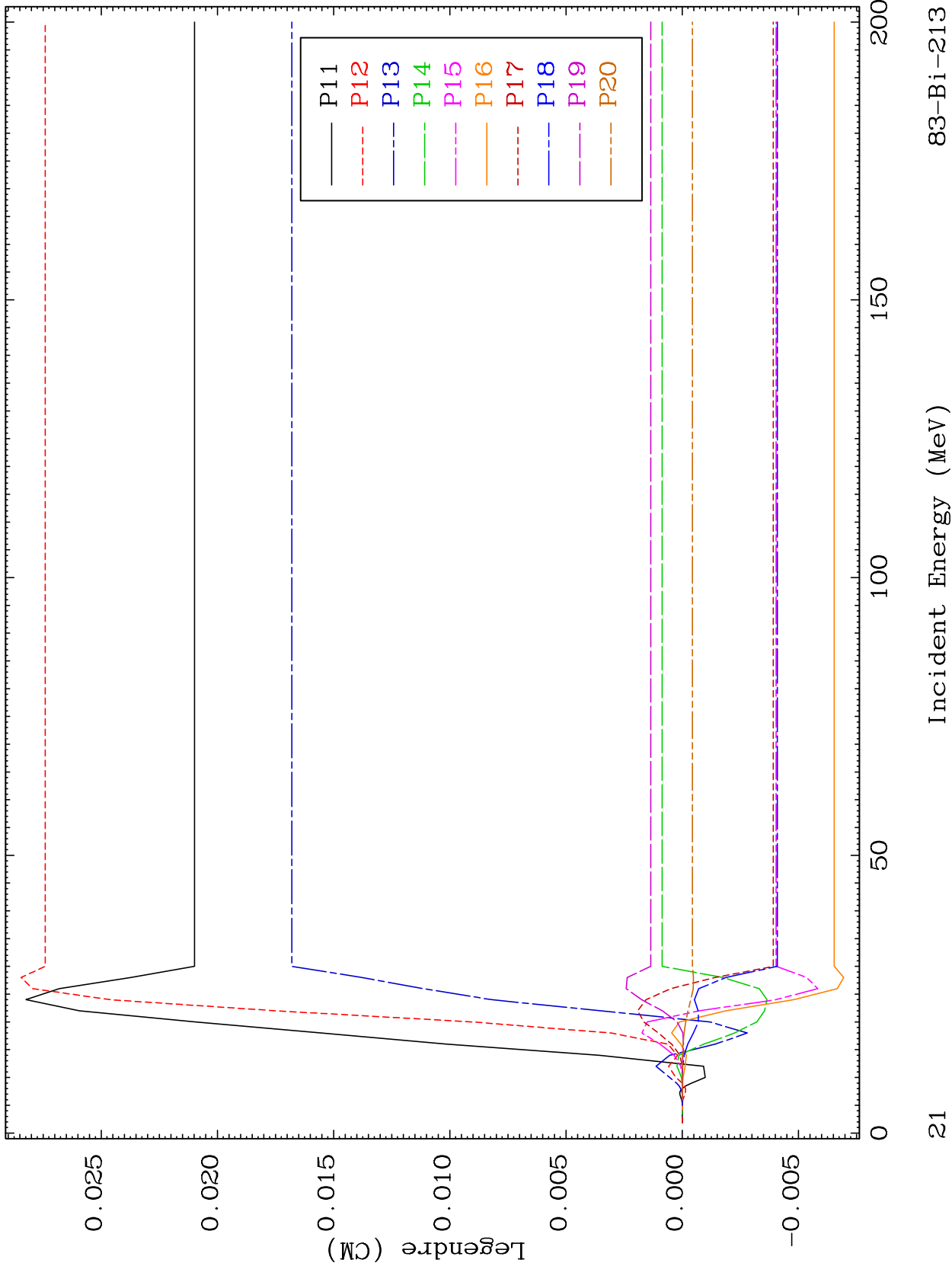
83-Bi-213



MAT 8337

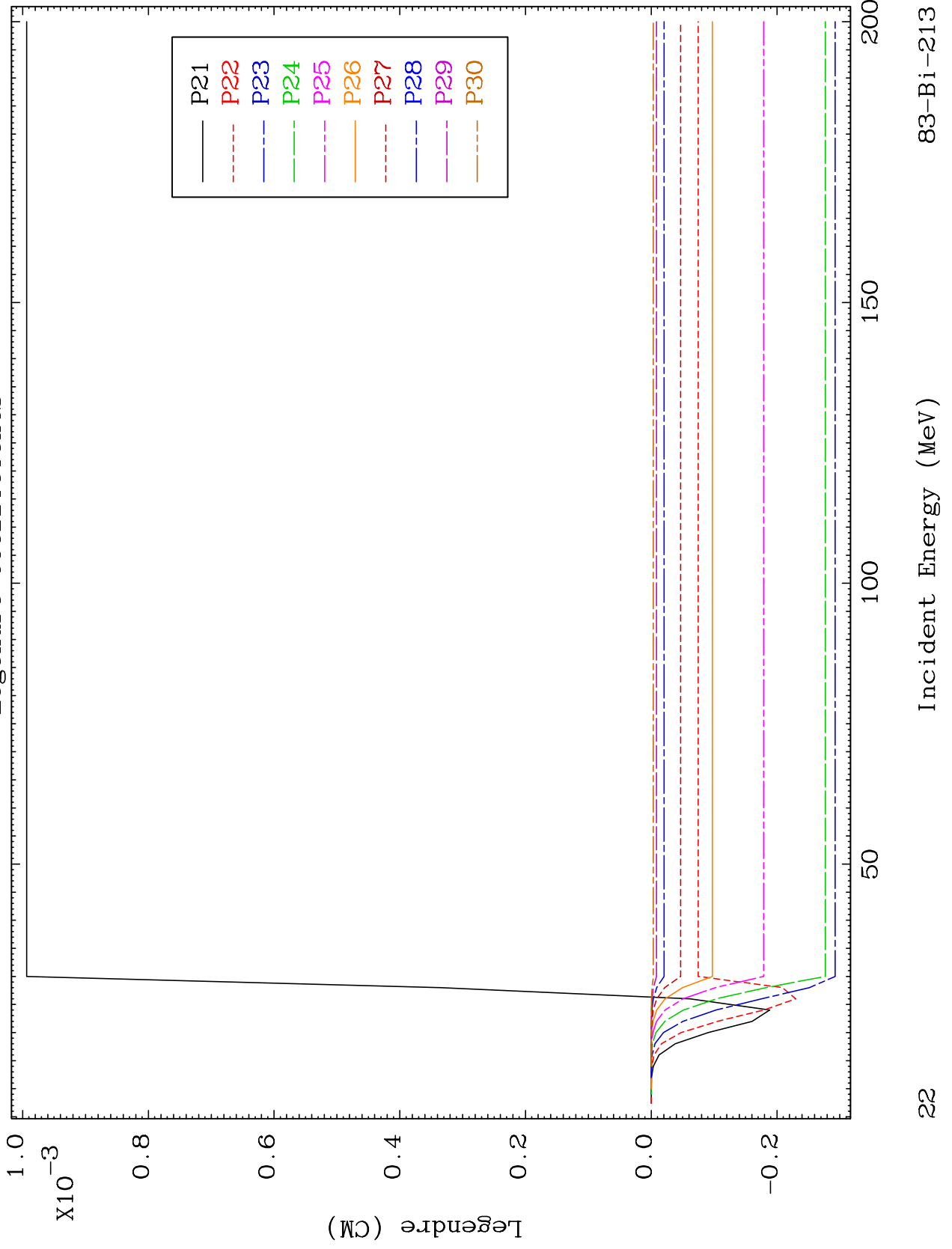
MT= 51 (n,n') Level  
Legendre Coefficients

83-Bi-213



21

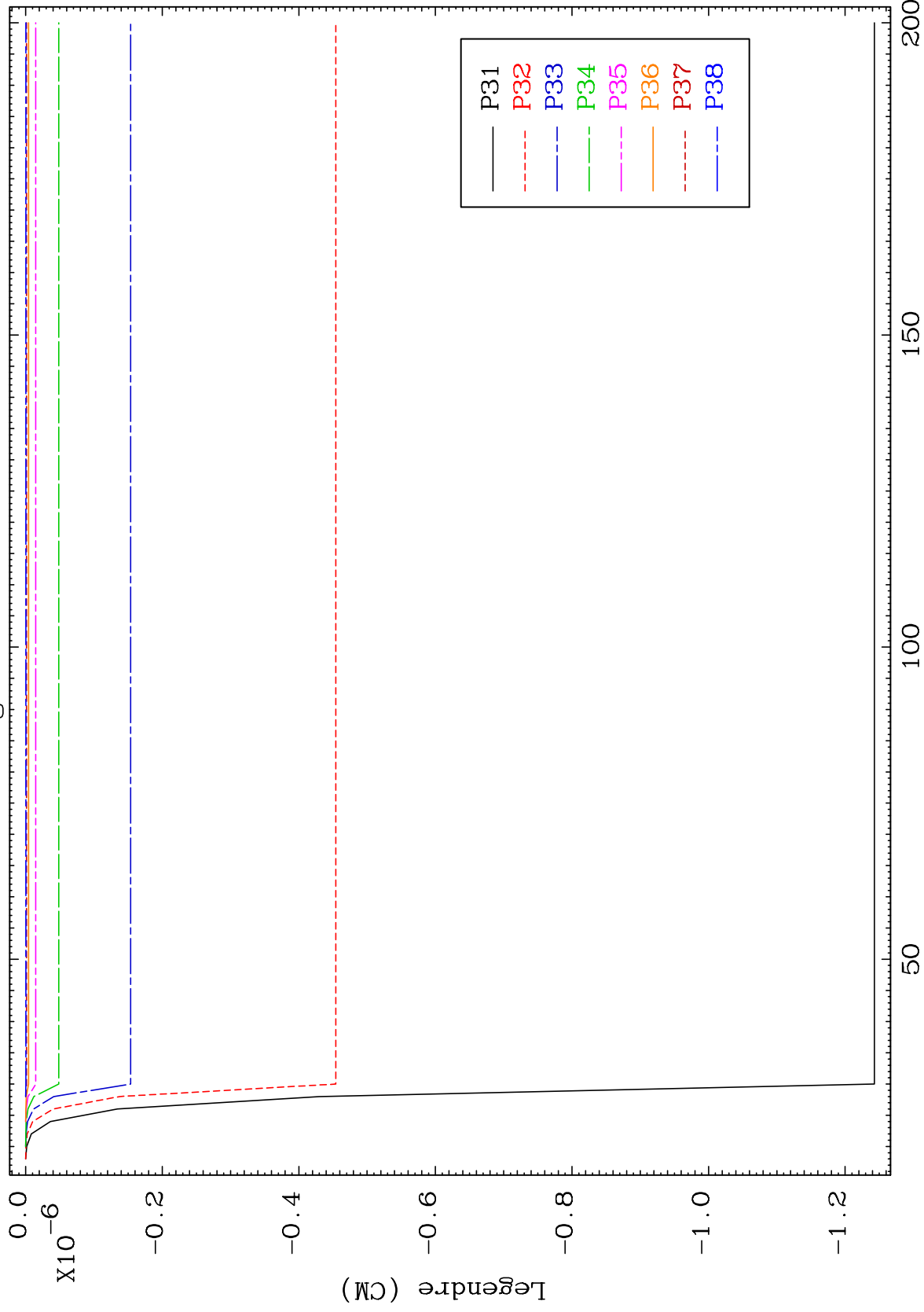
83-Bi-213



MAT 8337

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

83-Bi-213



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83-Bi-213

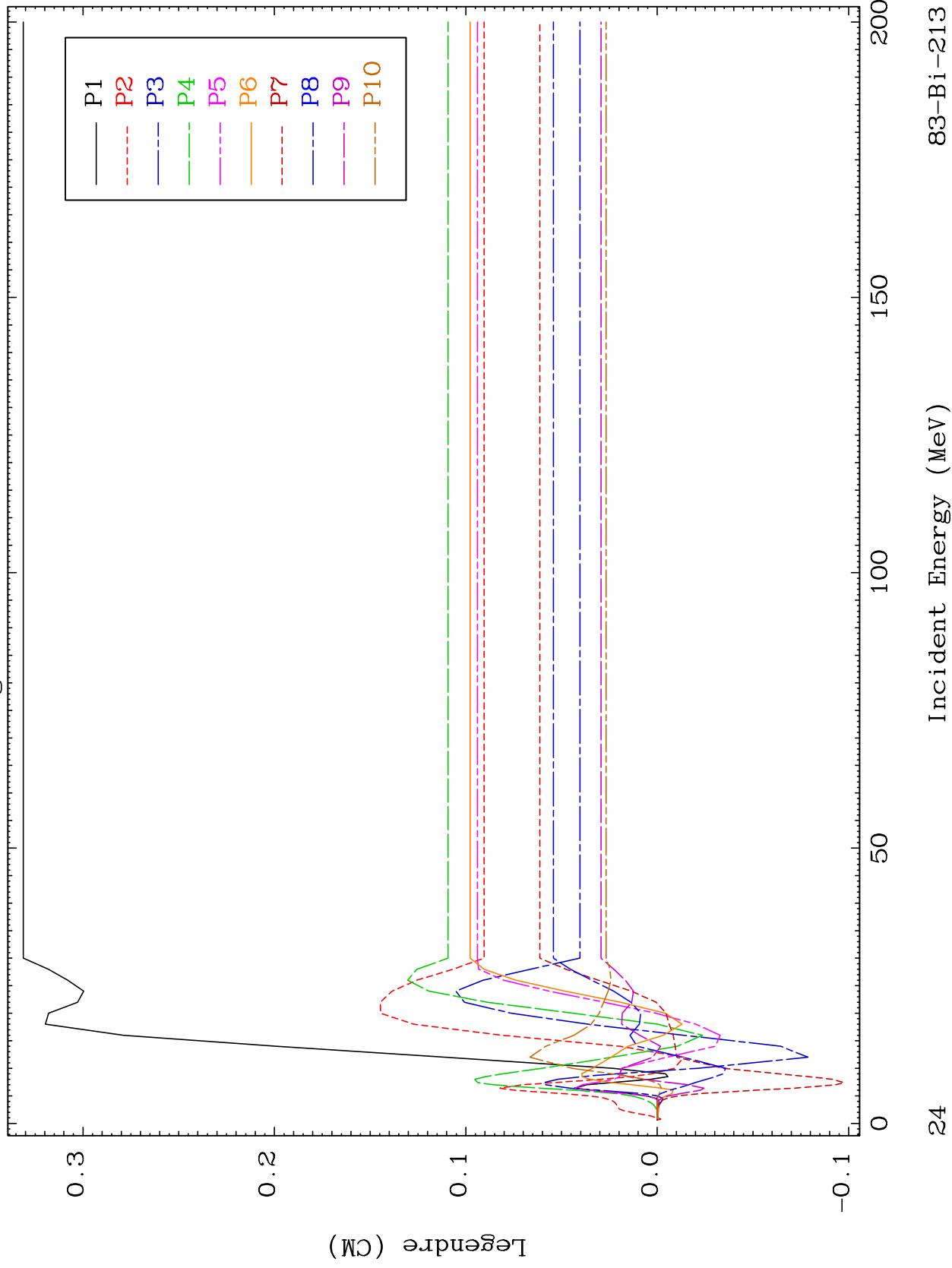
83-Bi-213



MAT 8337

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

83-Bi-213



24

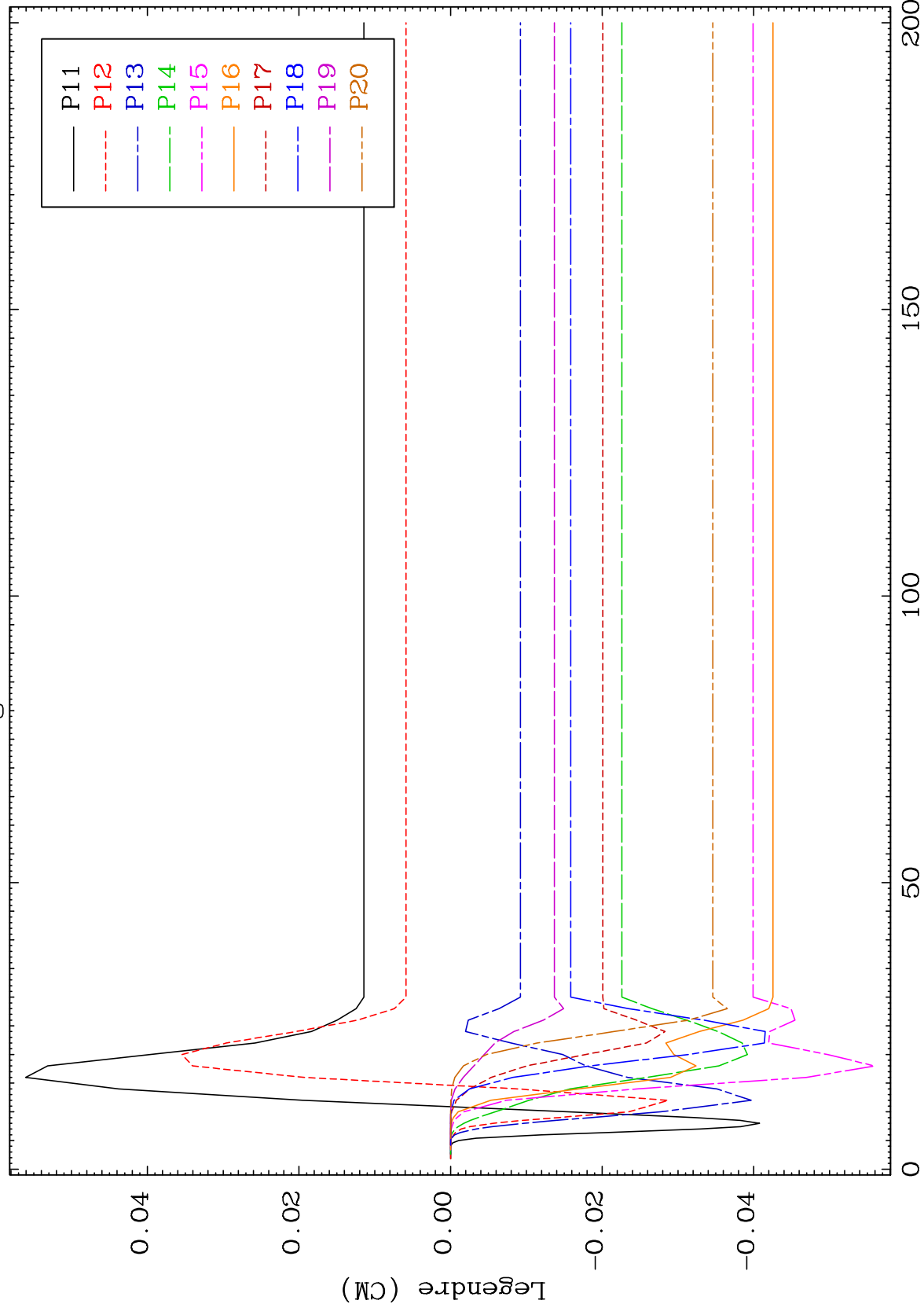
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

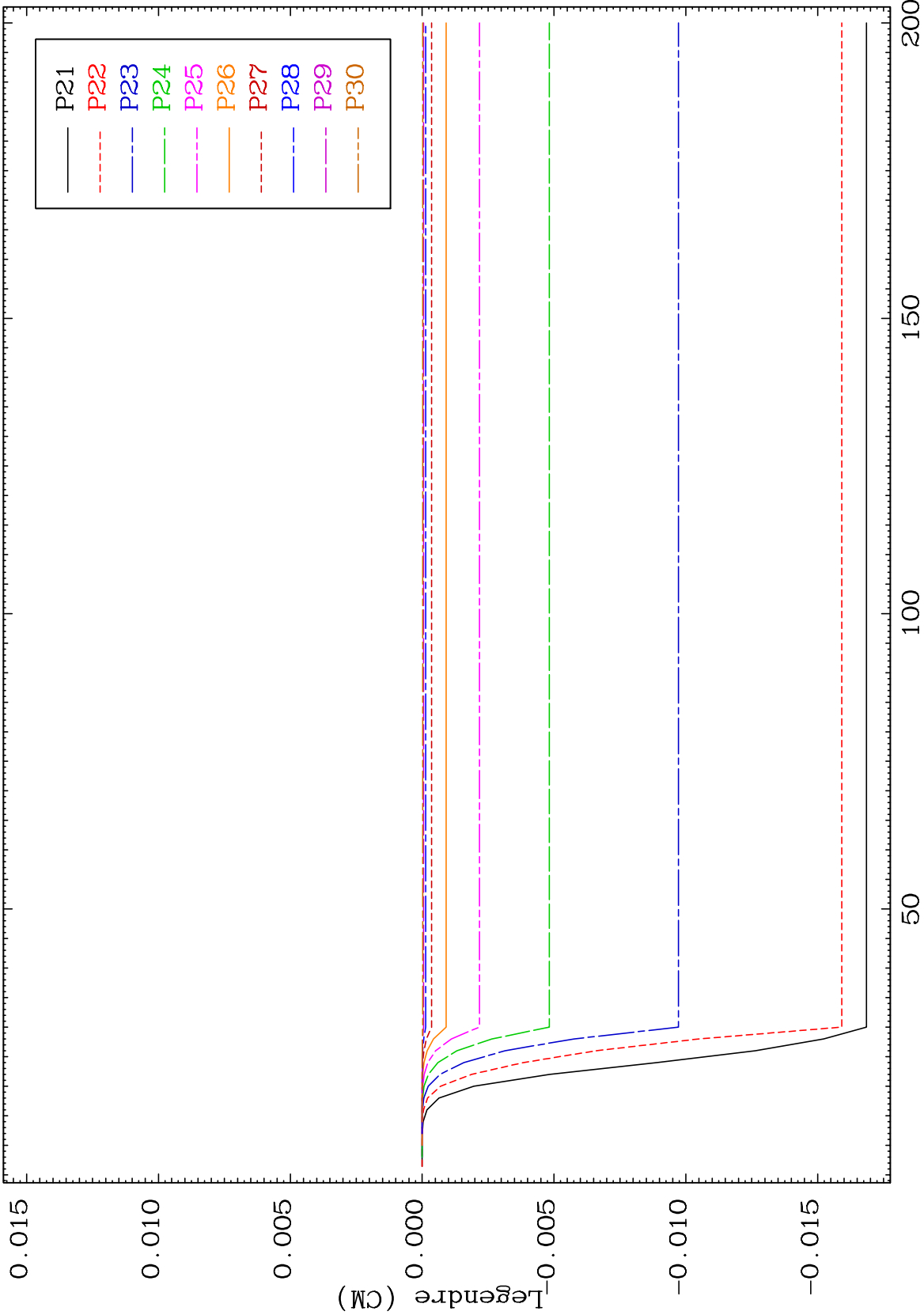
Incident Energy (MeV)

25

MAT 8337

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

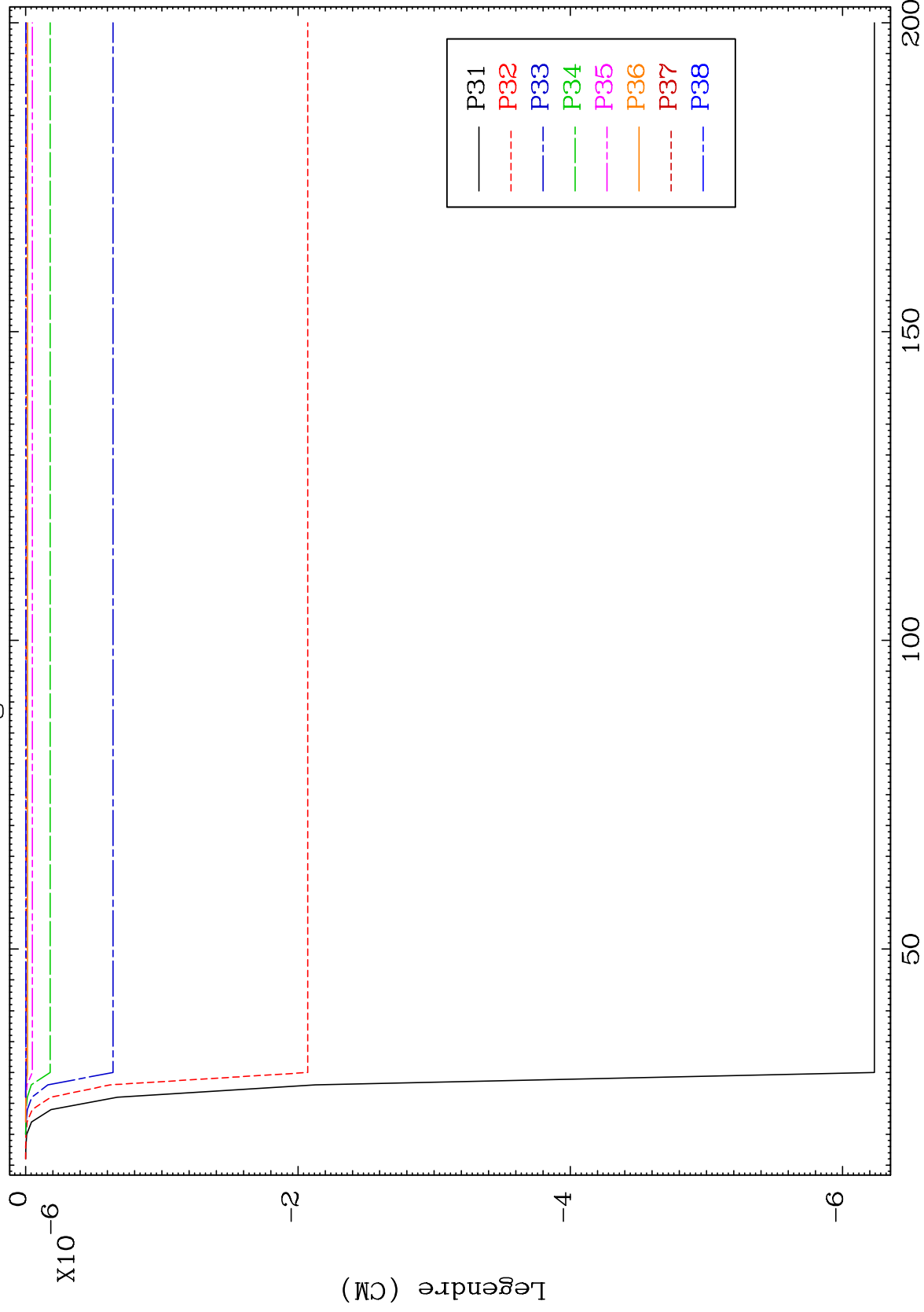
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MAT 8337

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

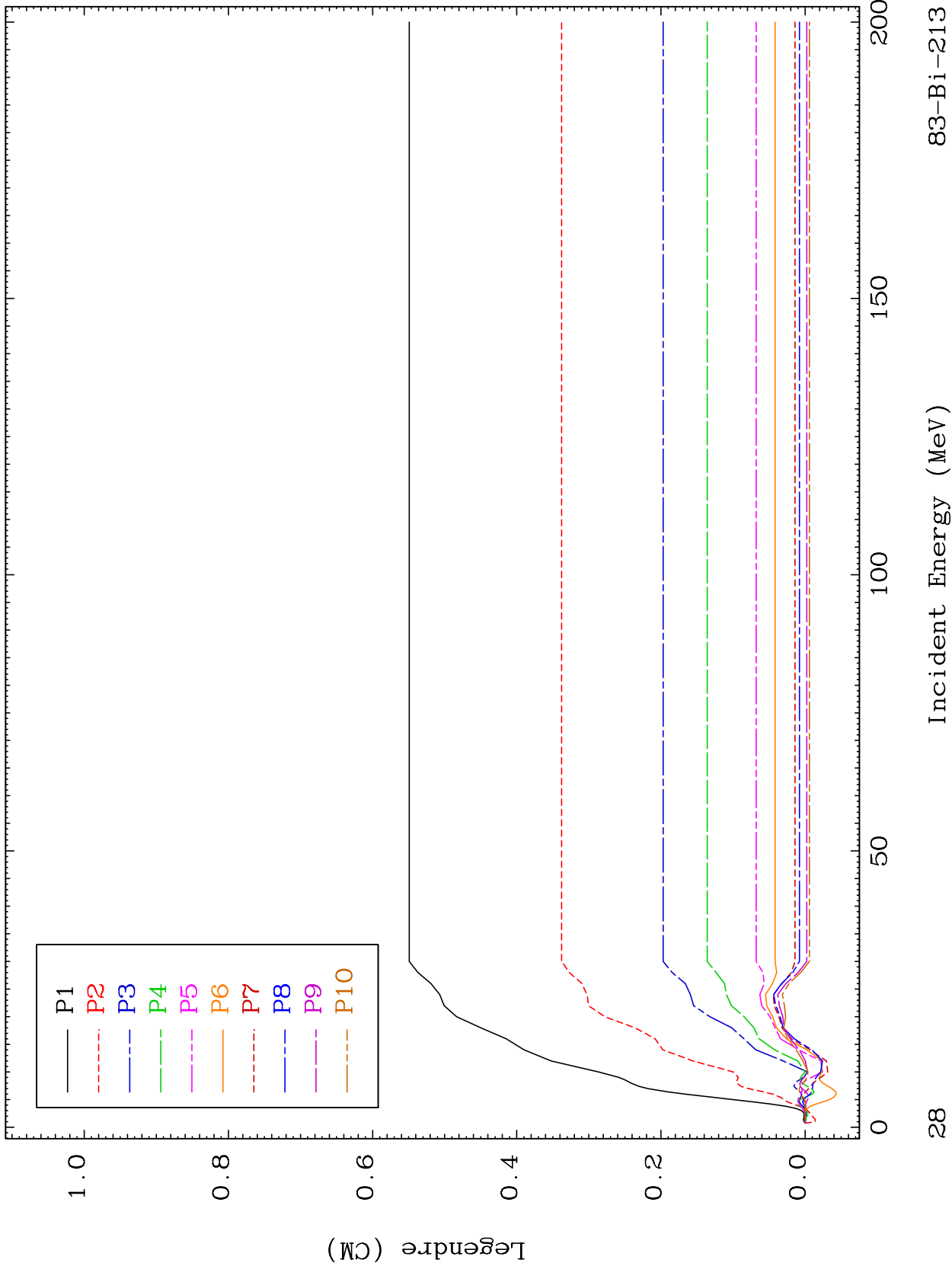
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MAT 8337

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

83-Bi-213

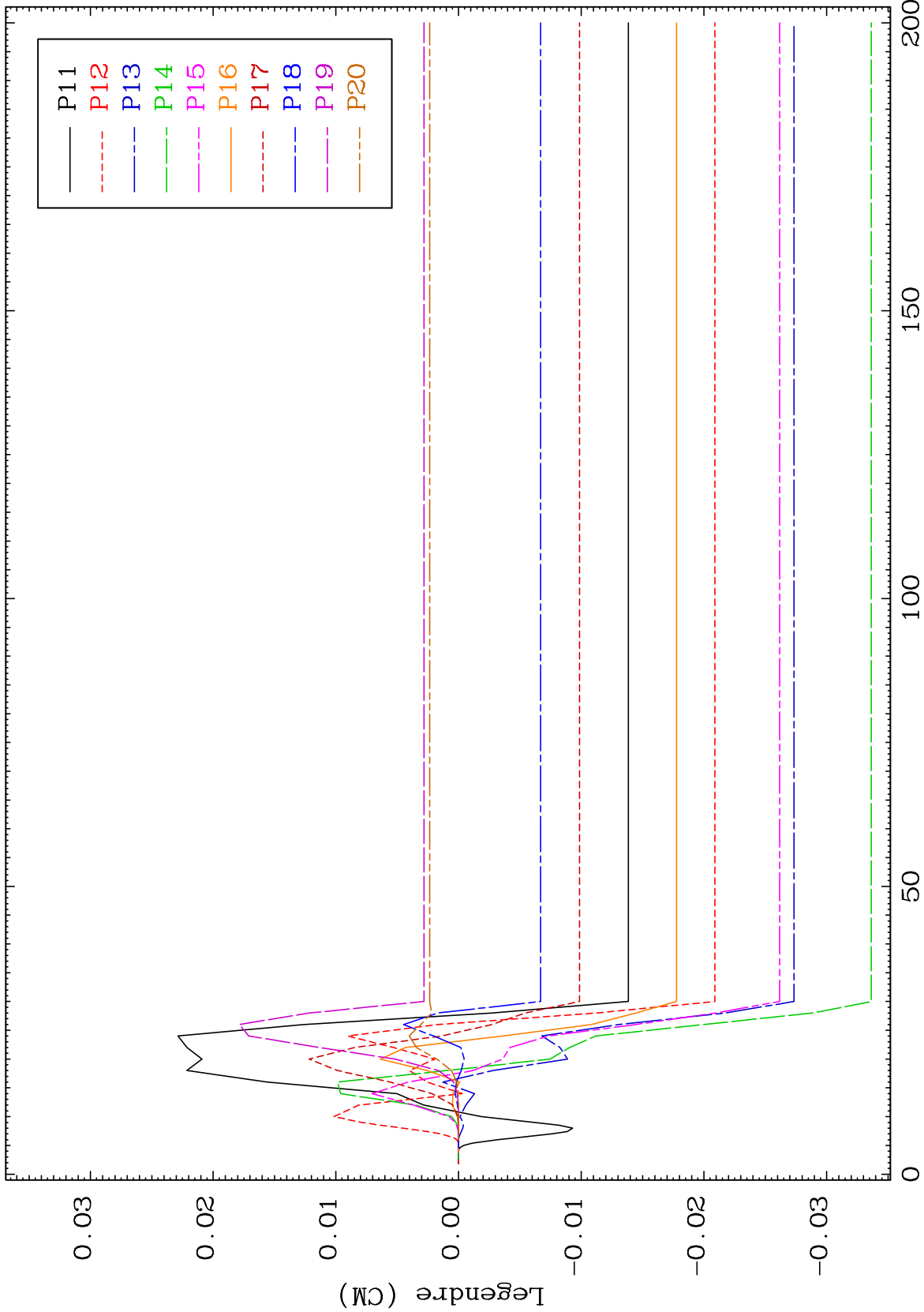


28

MAT 8337

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

83-Bi-213



29

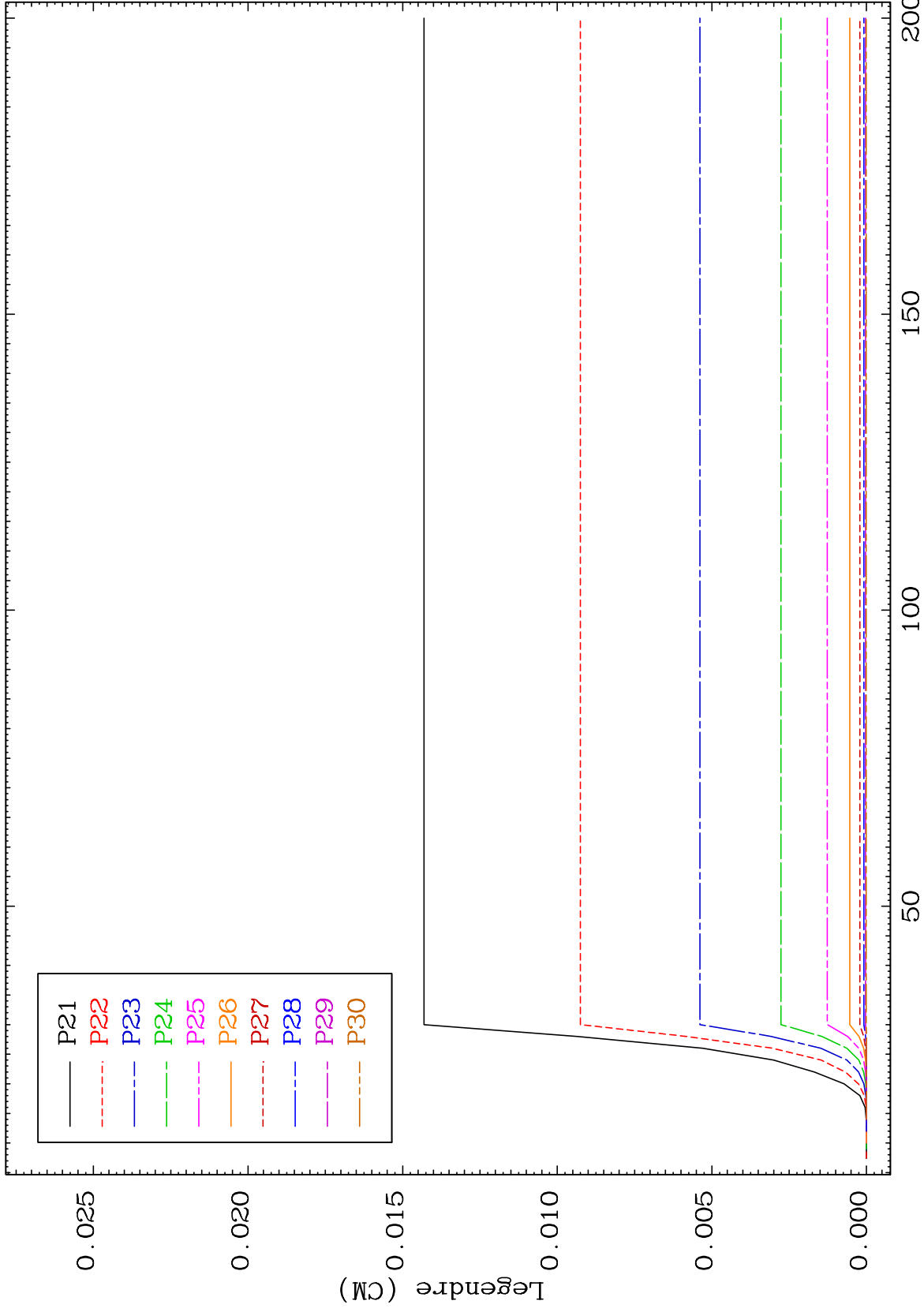
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



30

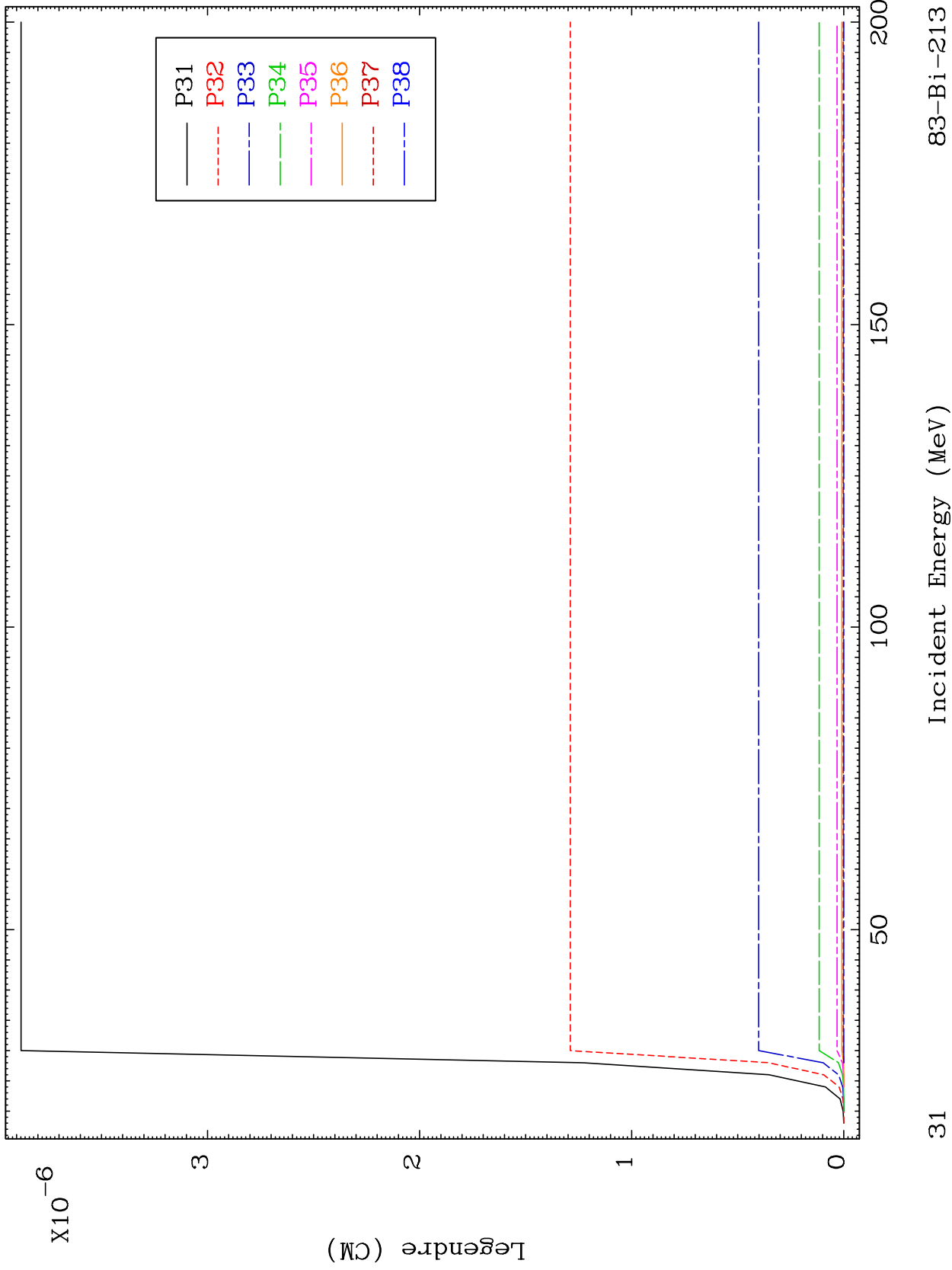
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

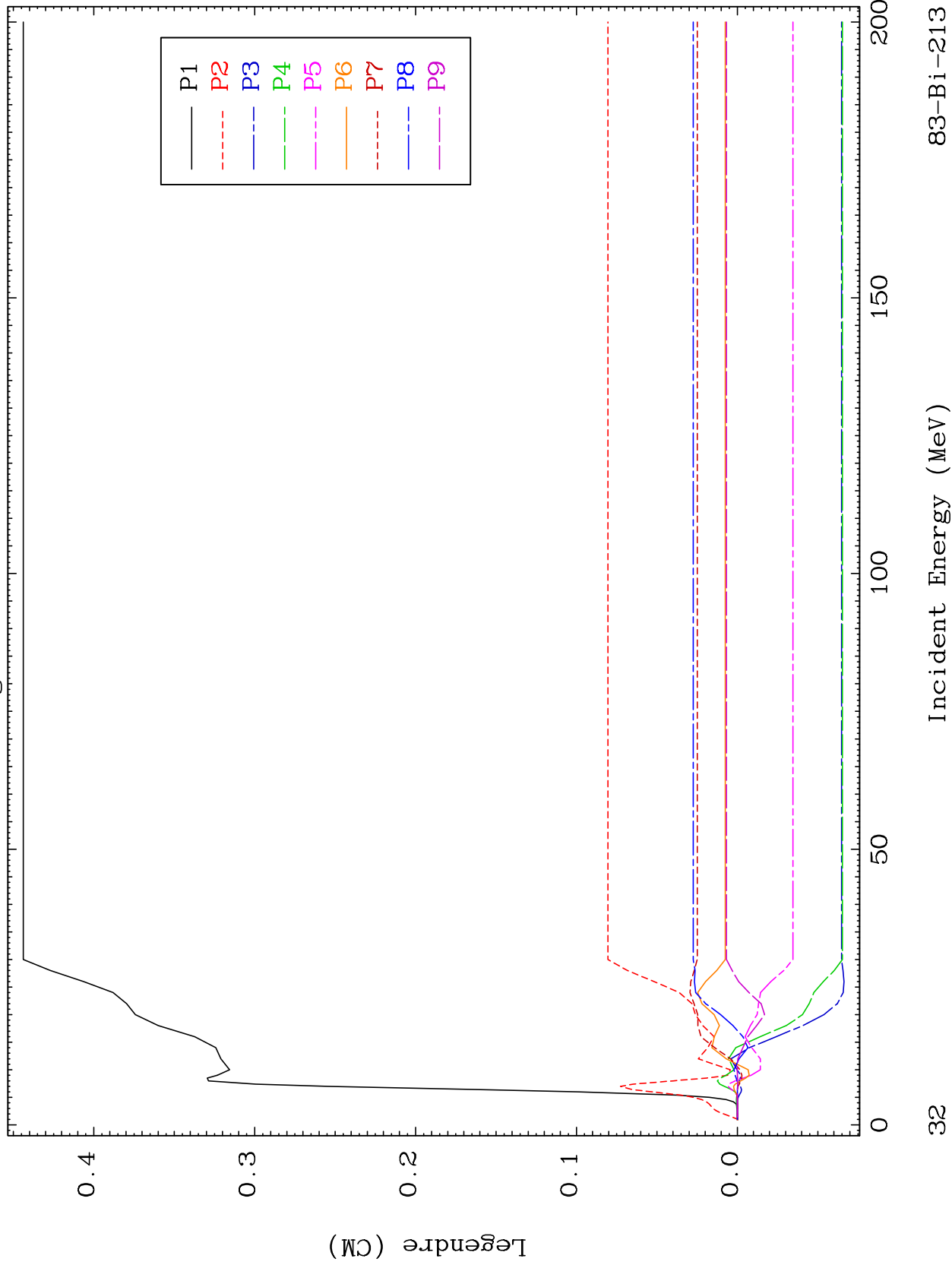




MAT 8337

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

83-Bi-213



32

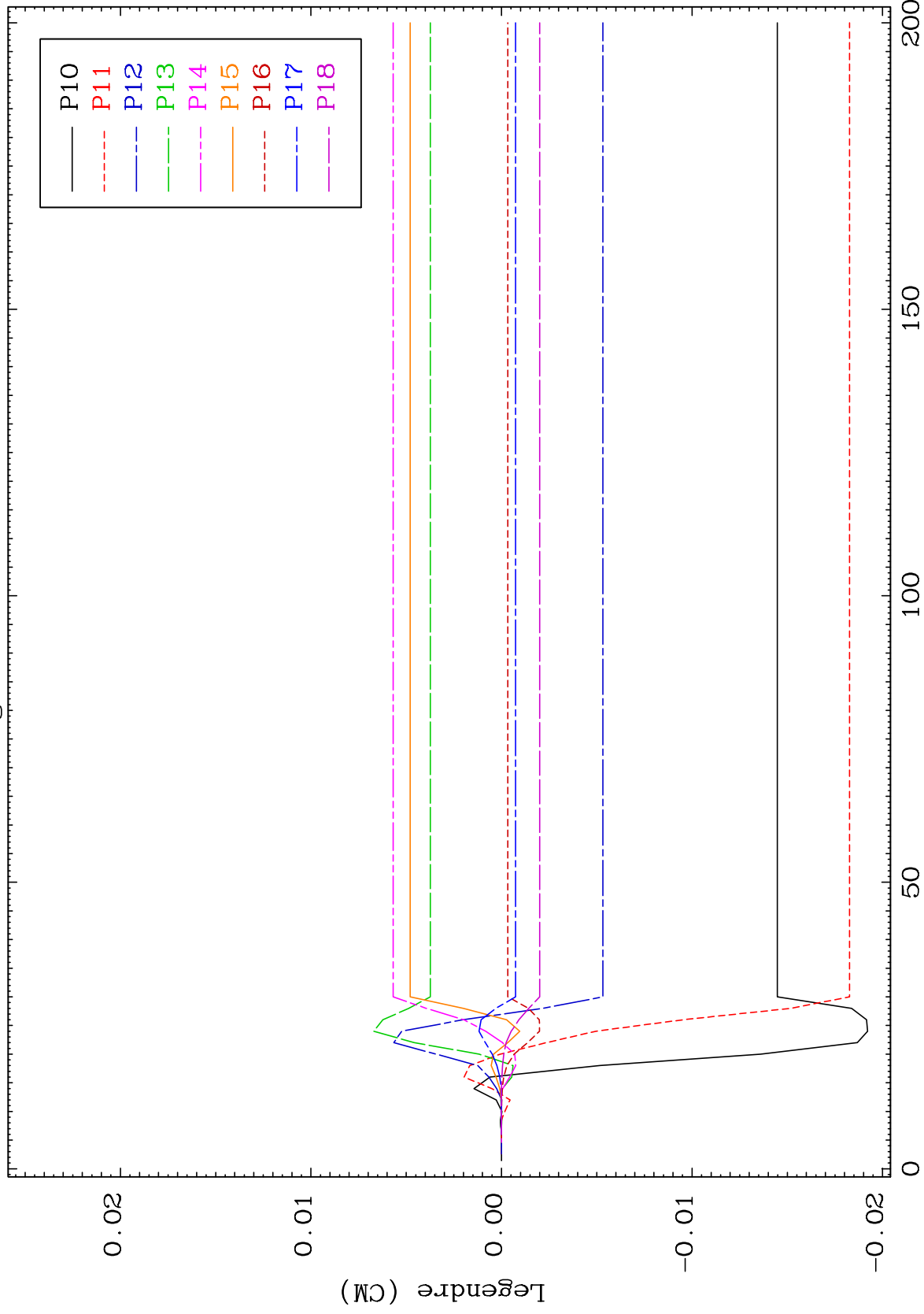
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



33

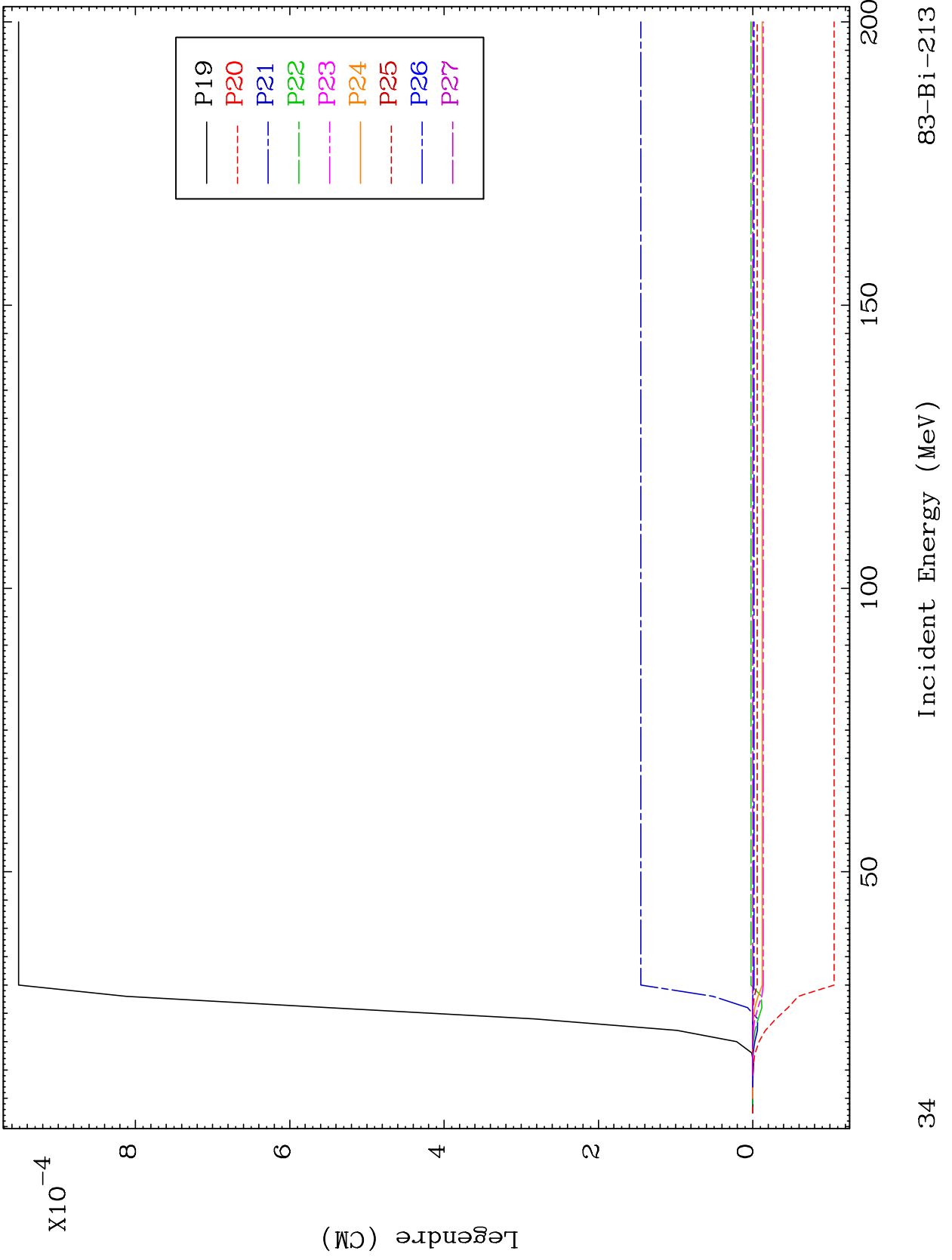
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

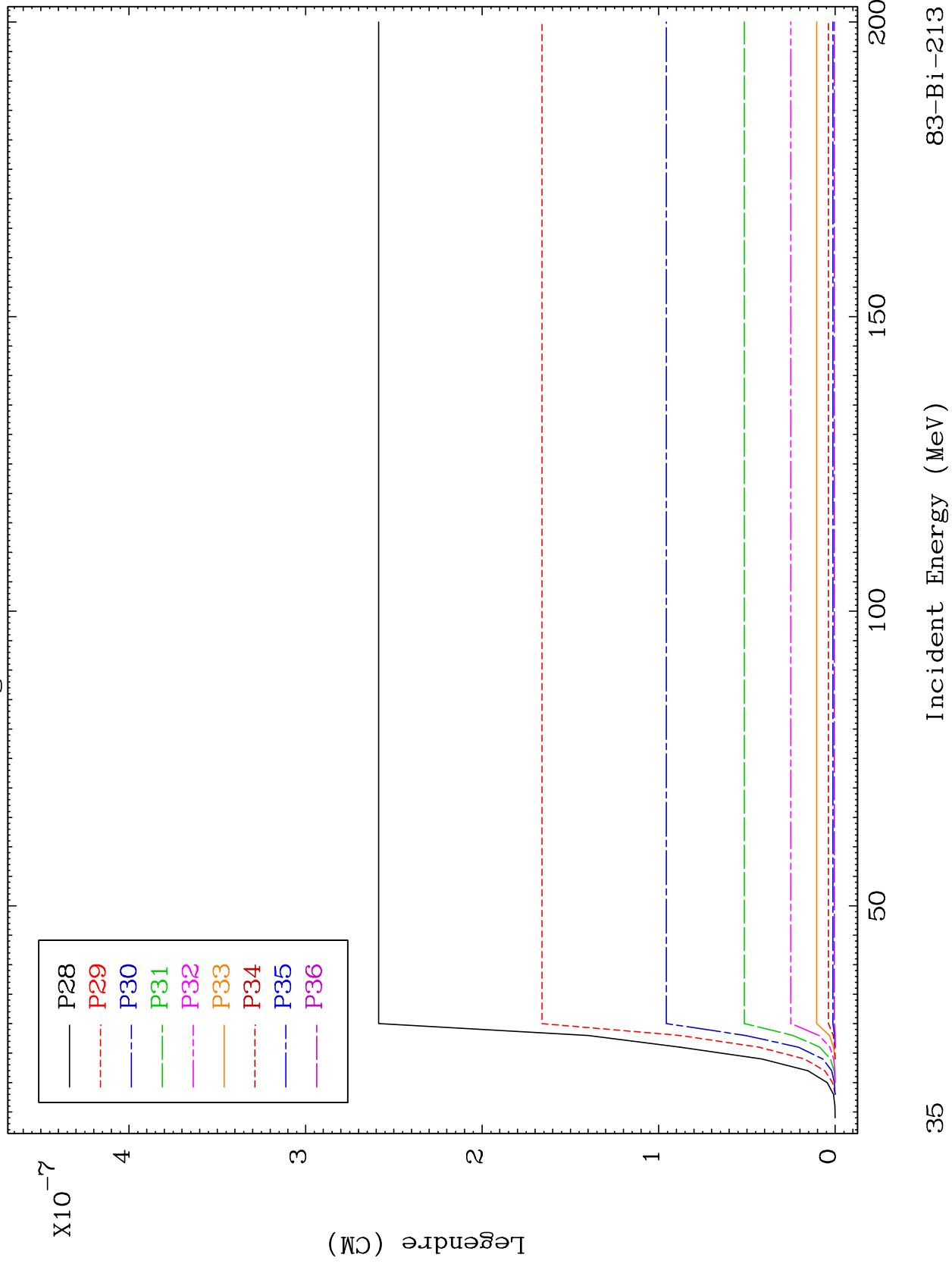


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MAT 8337

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

83-Bi-213



35

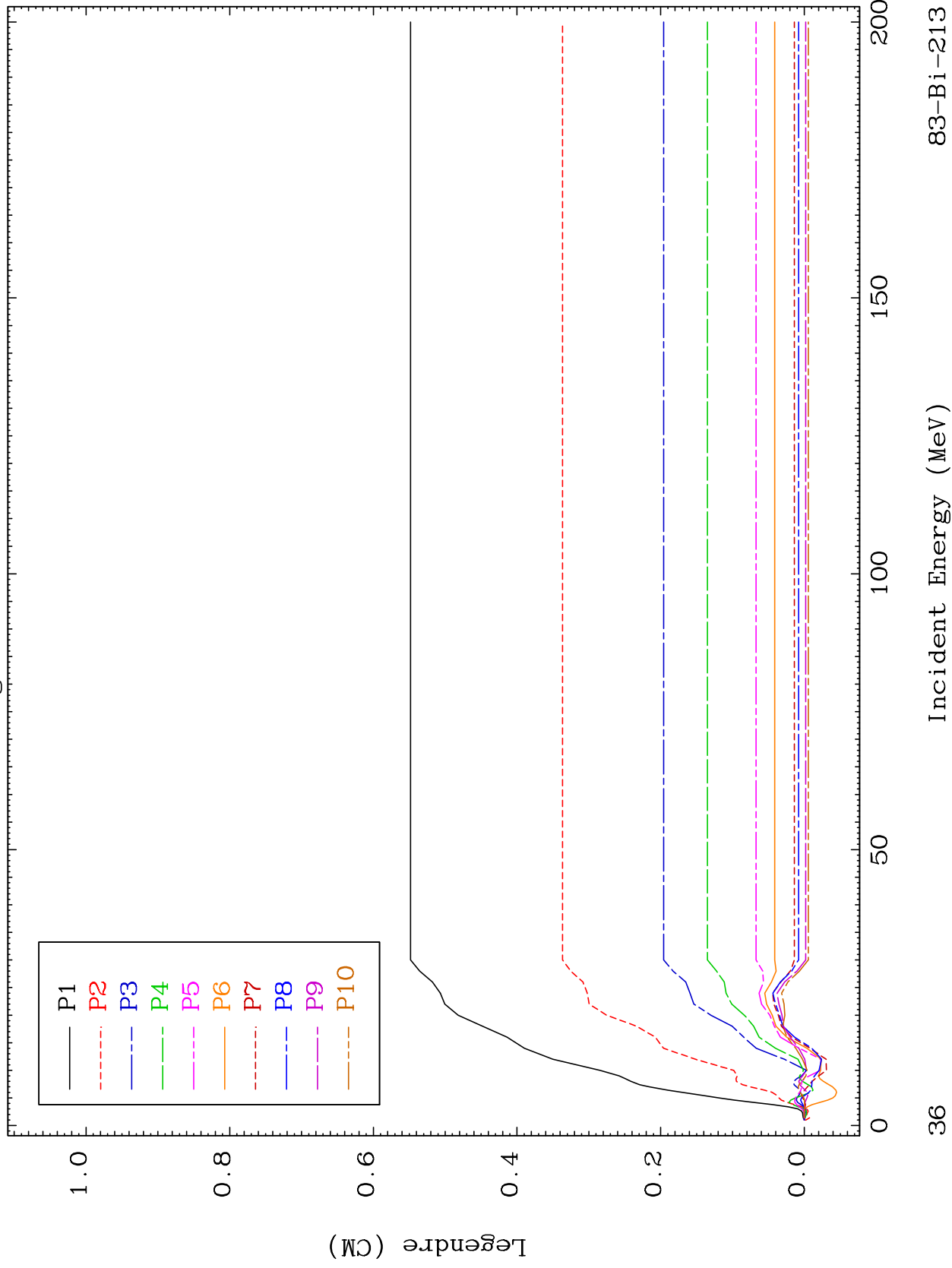
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



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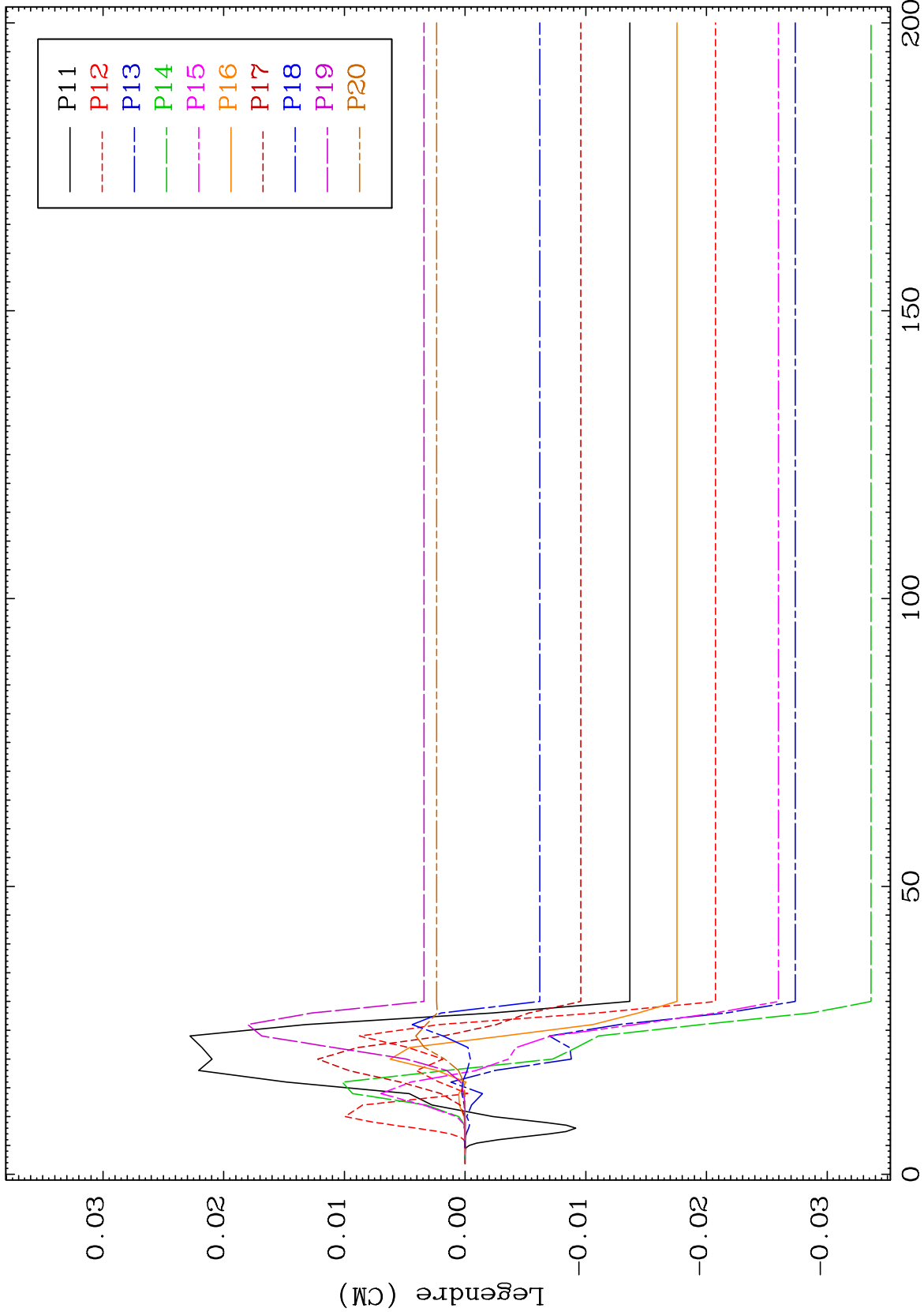
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

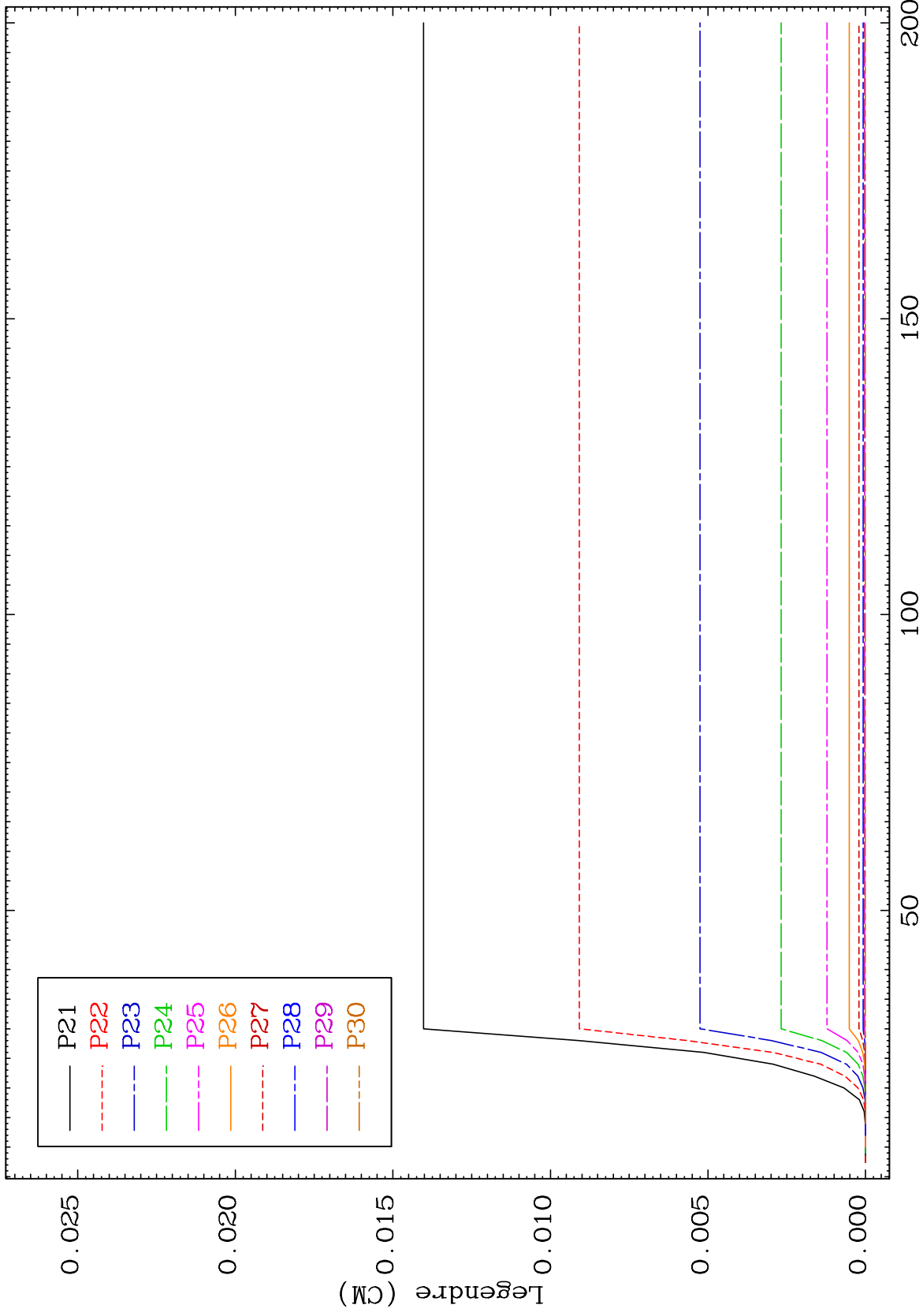
83-Bi-213



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Incident Energy (MeV)

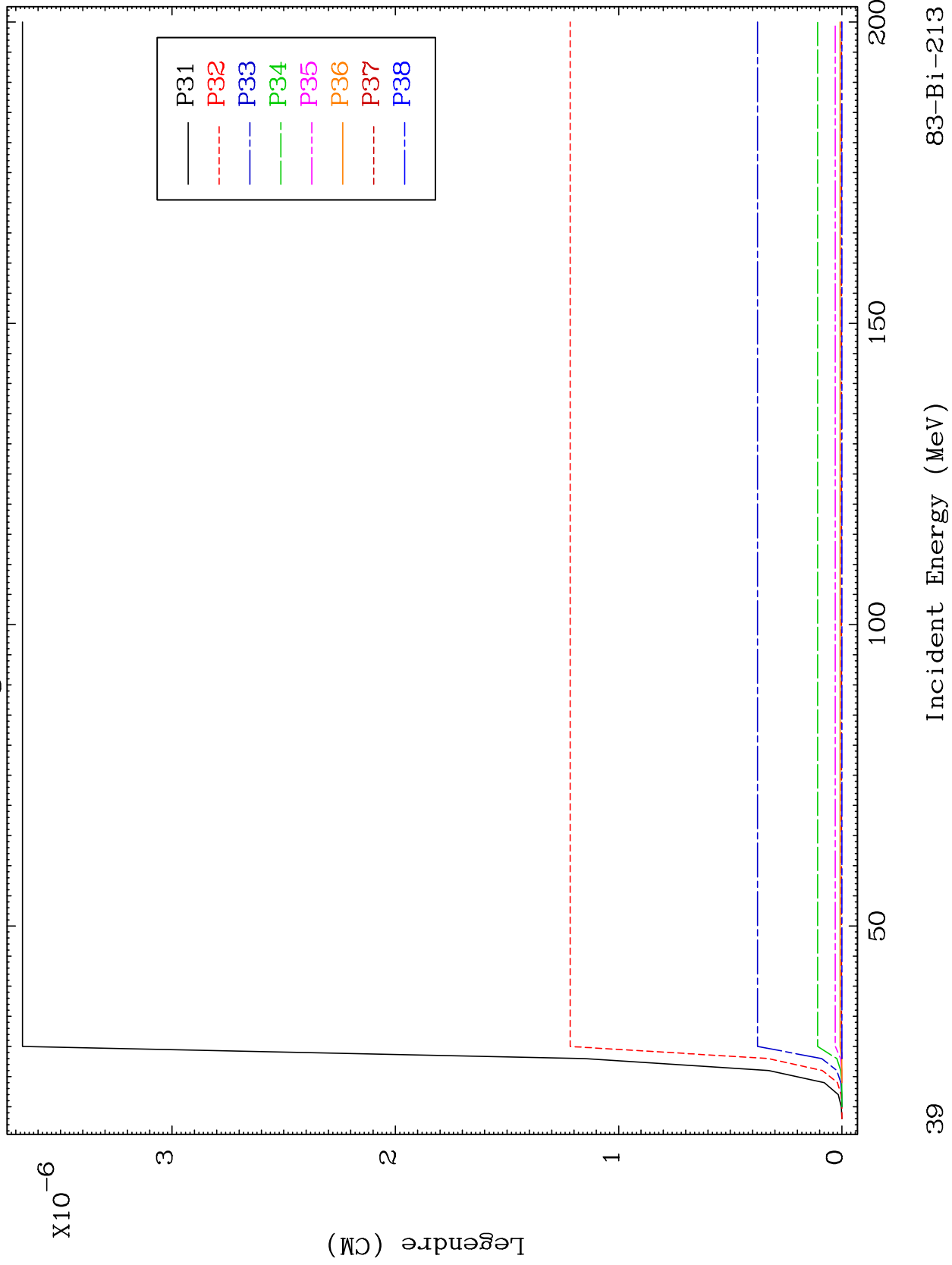
83-Bi-213



MAT 8337

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

83-Bi-213



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Incident Energy (MeV)

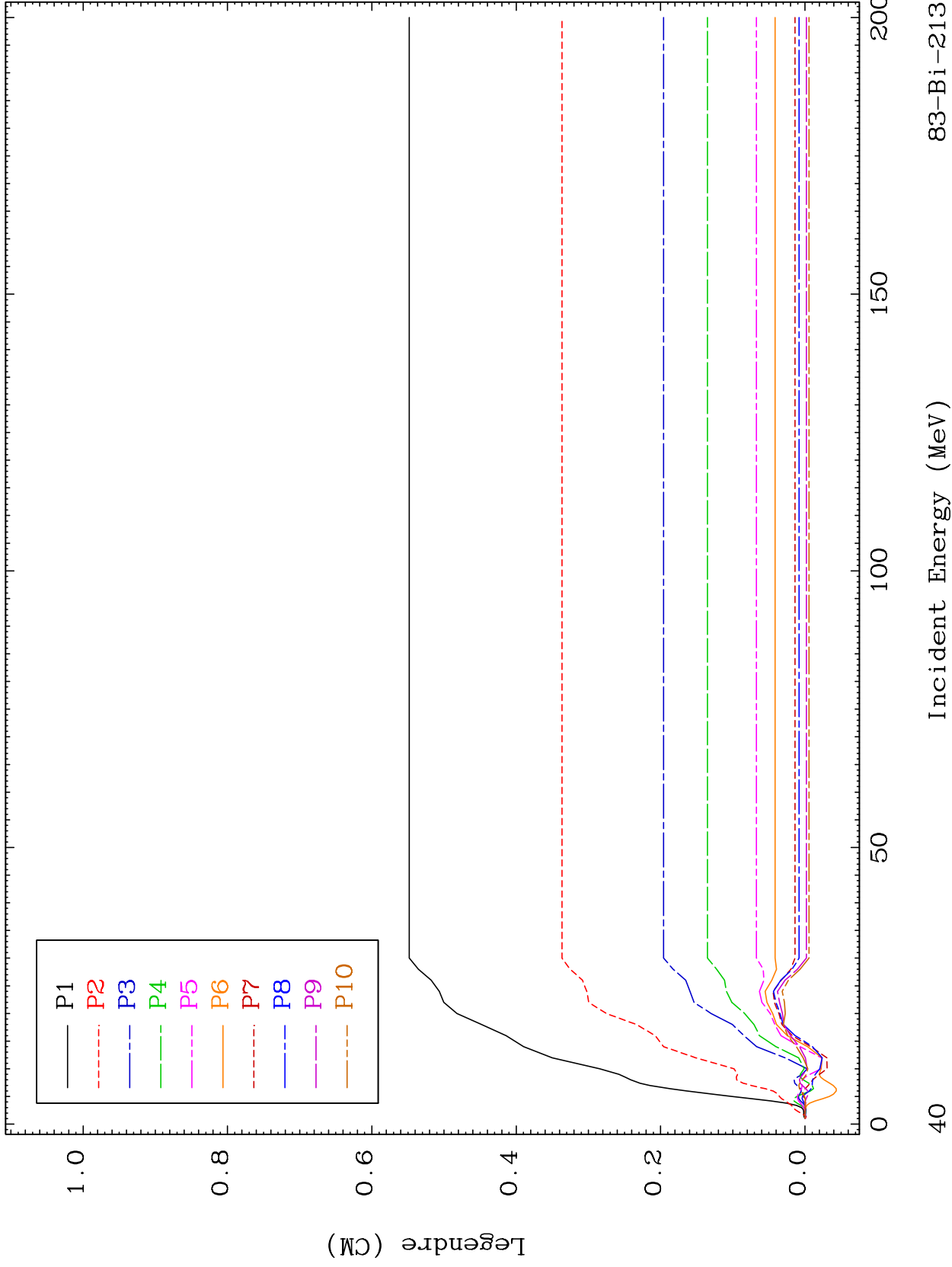
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MAT 8337

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

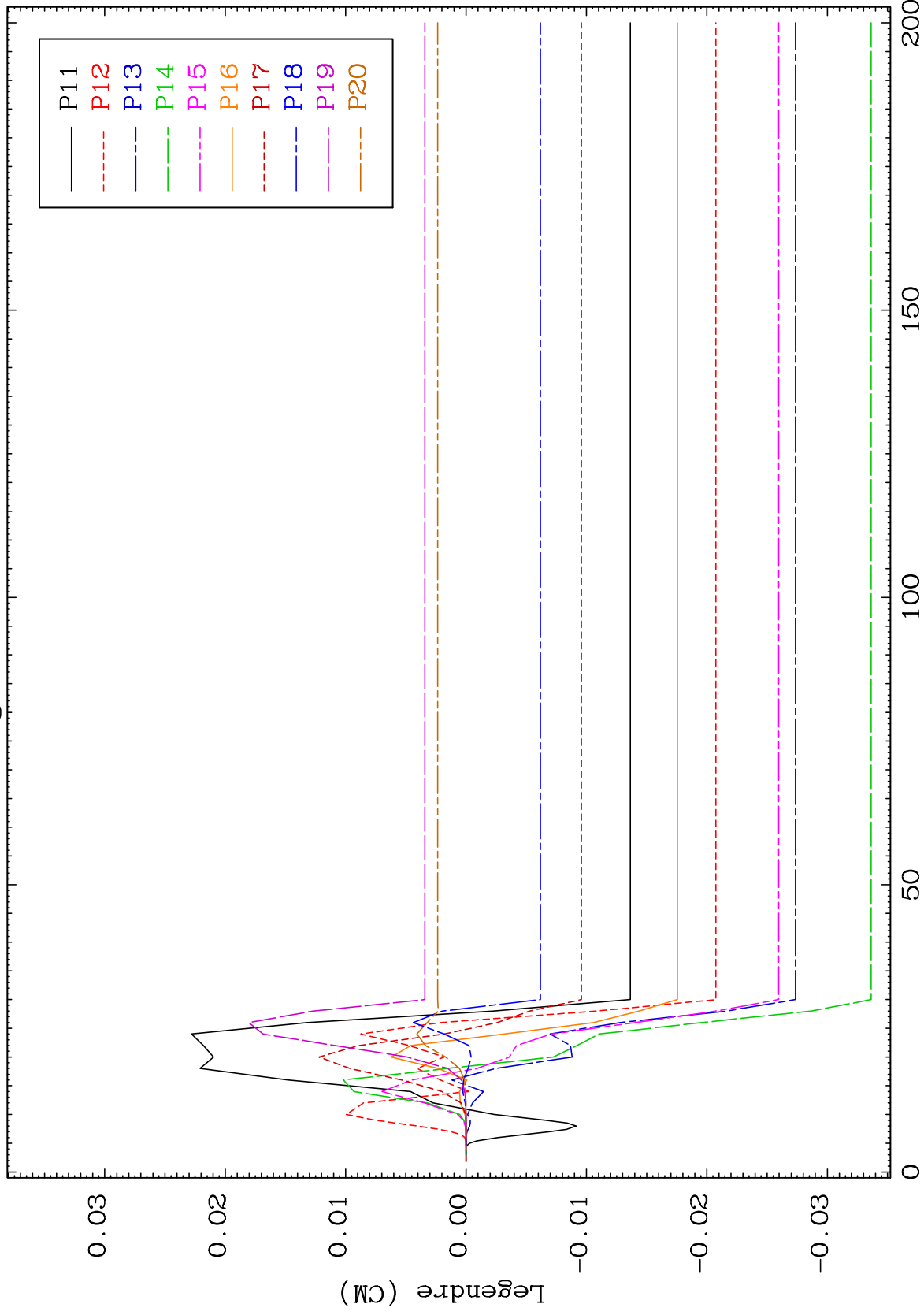
83-Bi-213



MAT 8337

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

83-Bi-213



41

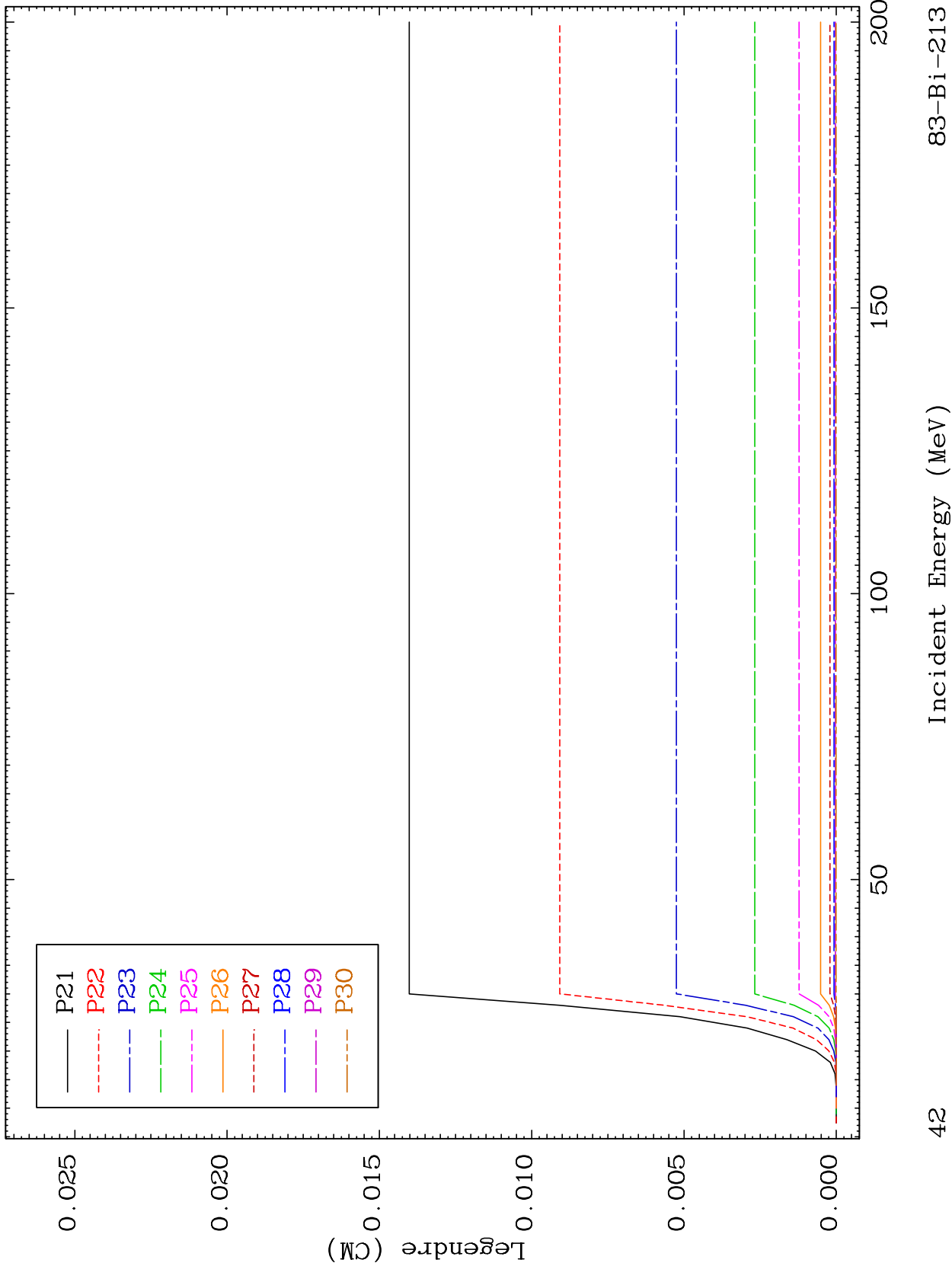
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



42

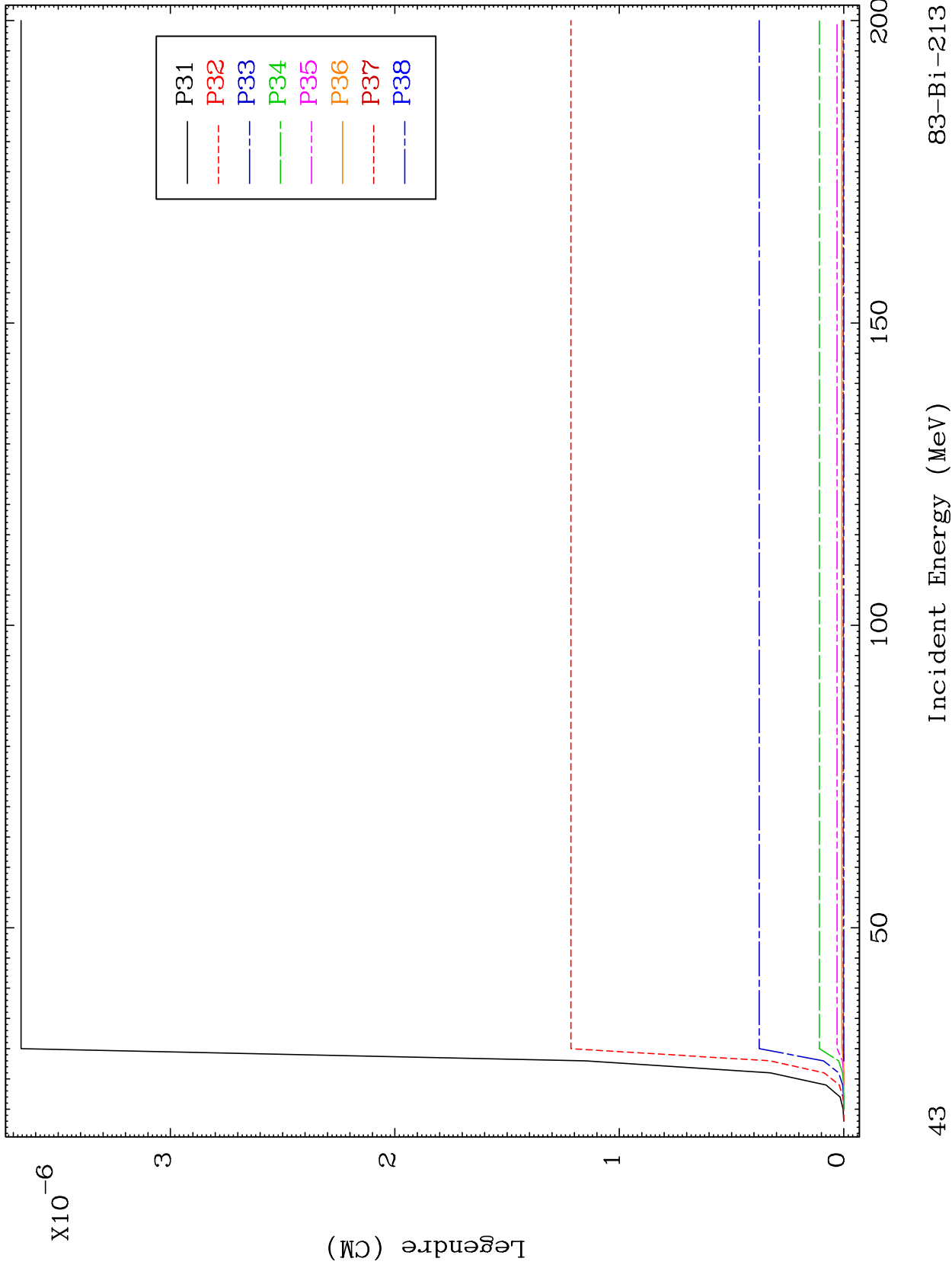
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

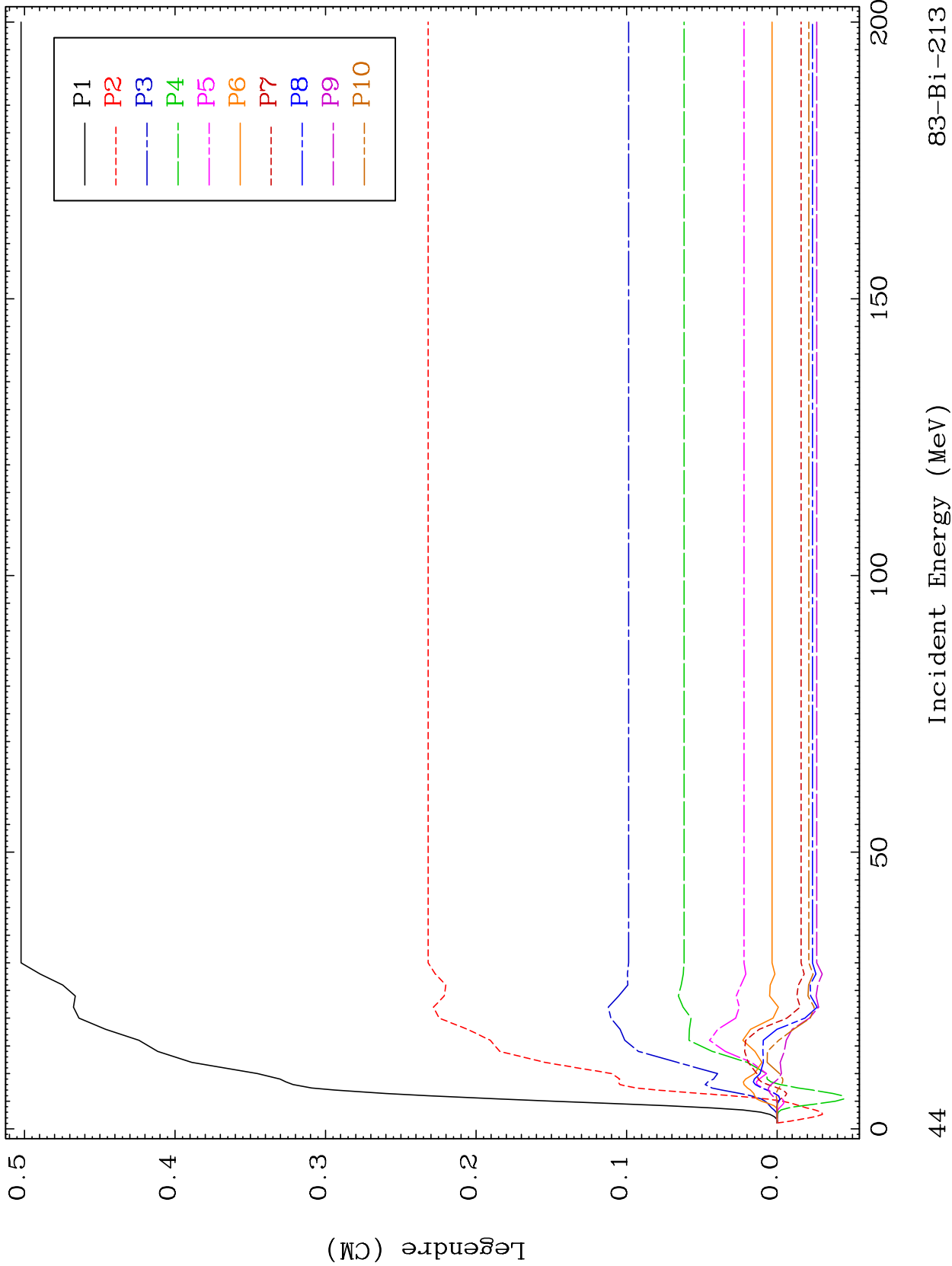
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MAT 8337

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

83-Bi-213



83-Bi-213

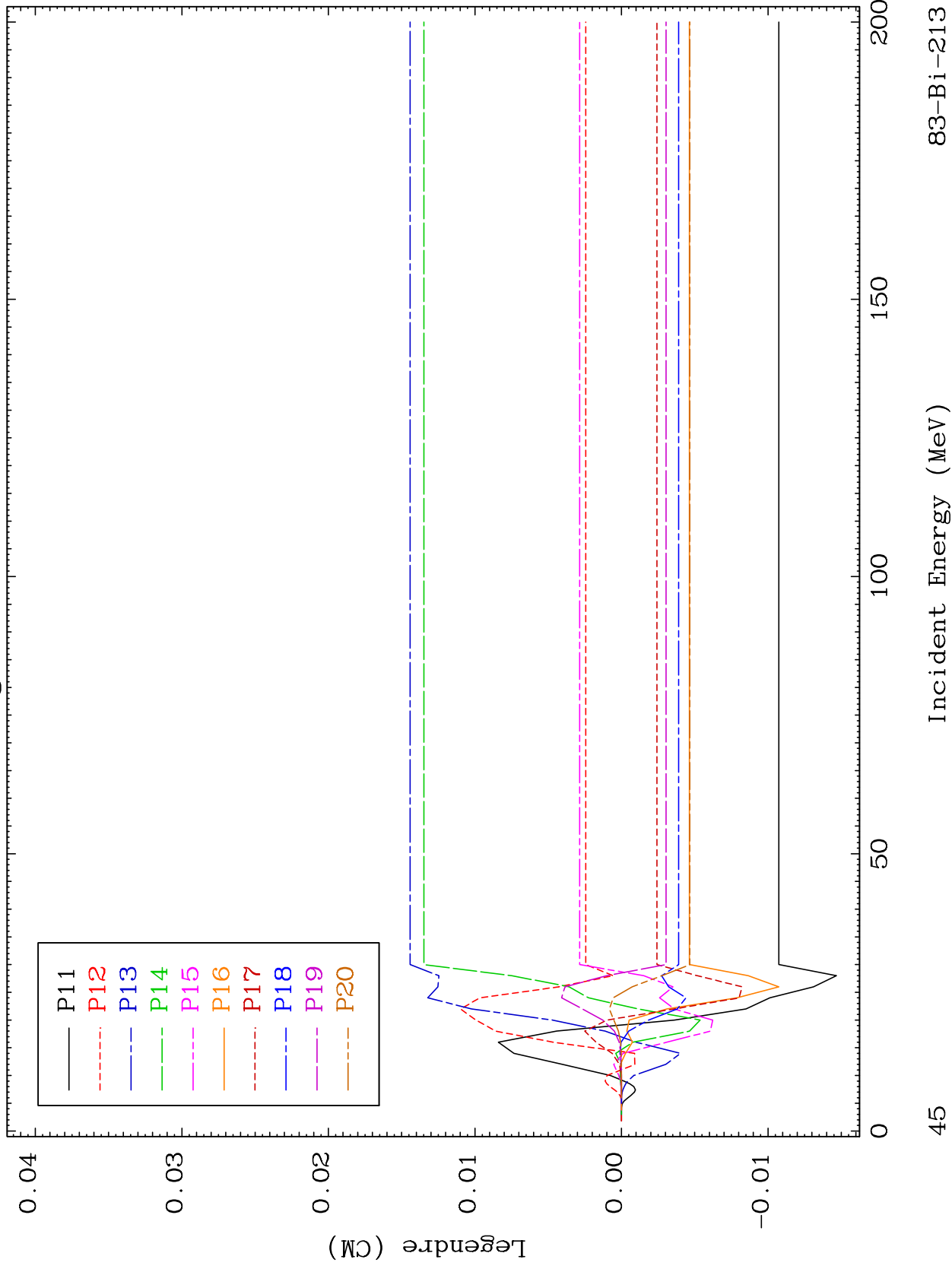
Incident Energy (MeV)

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MAT 8337

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

83-Bi-213



83-Bi-213

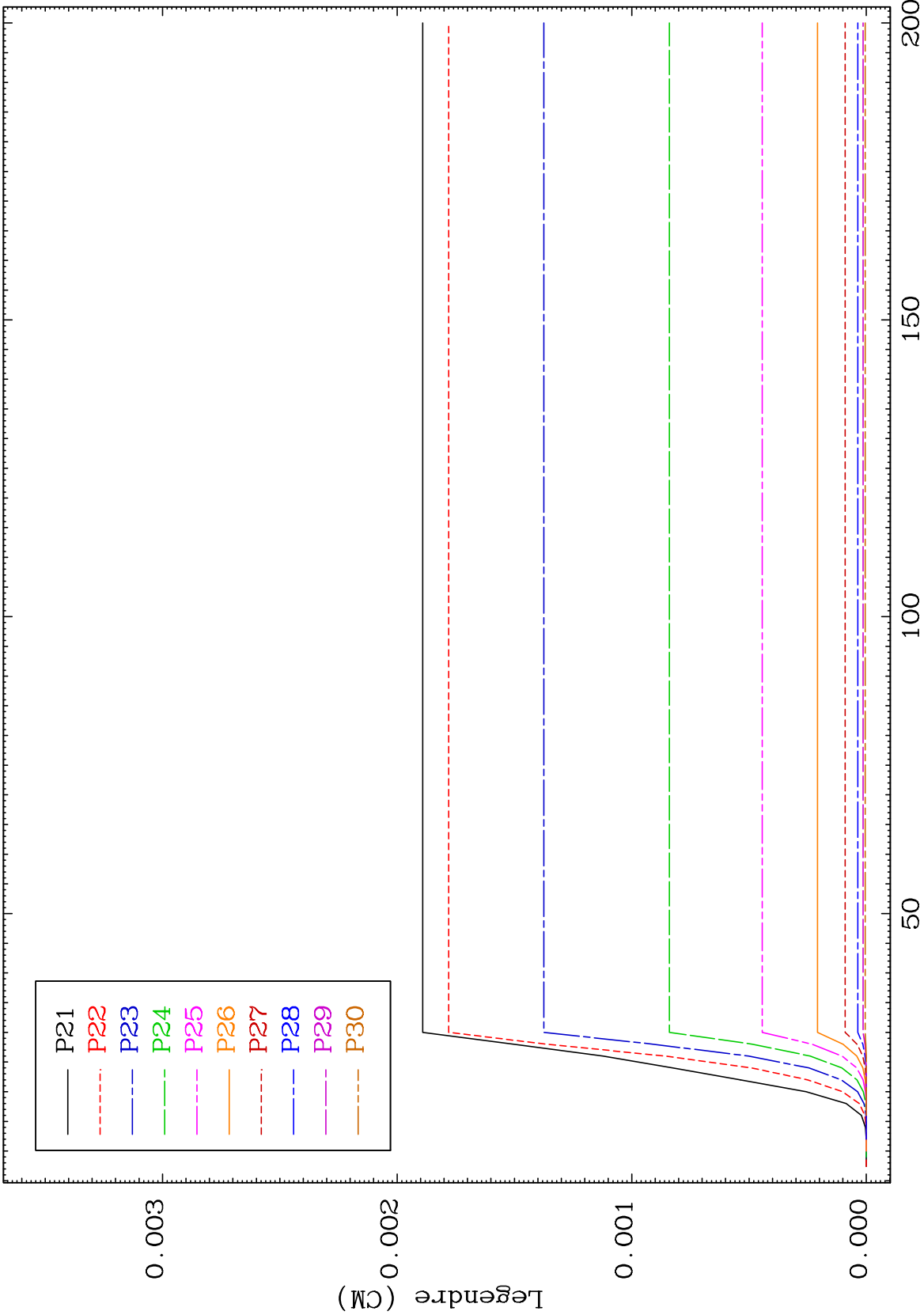
Incident Energy (MeV)

45

MAT 8337

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

83-Bi-213



46

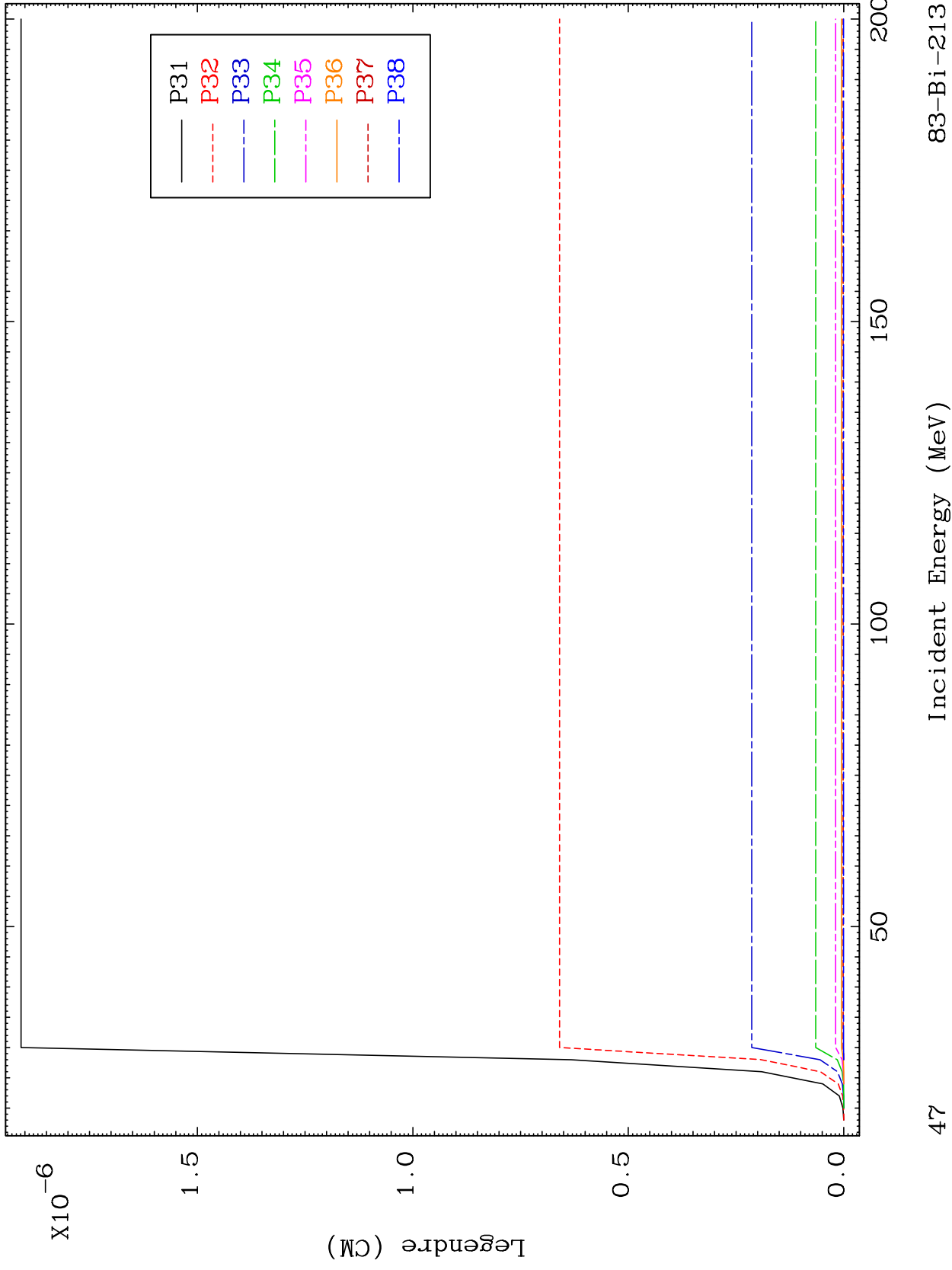
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



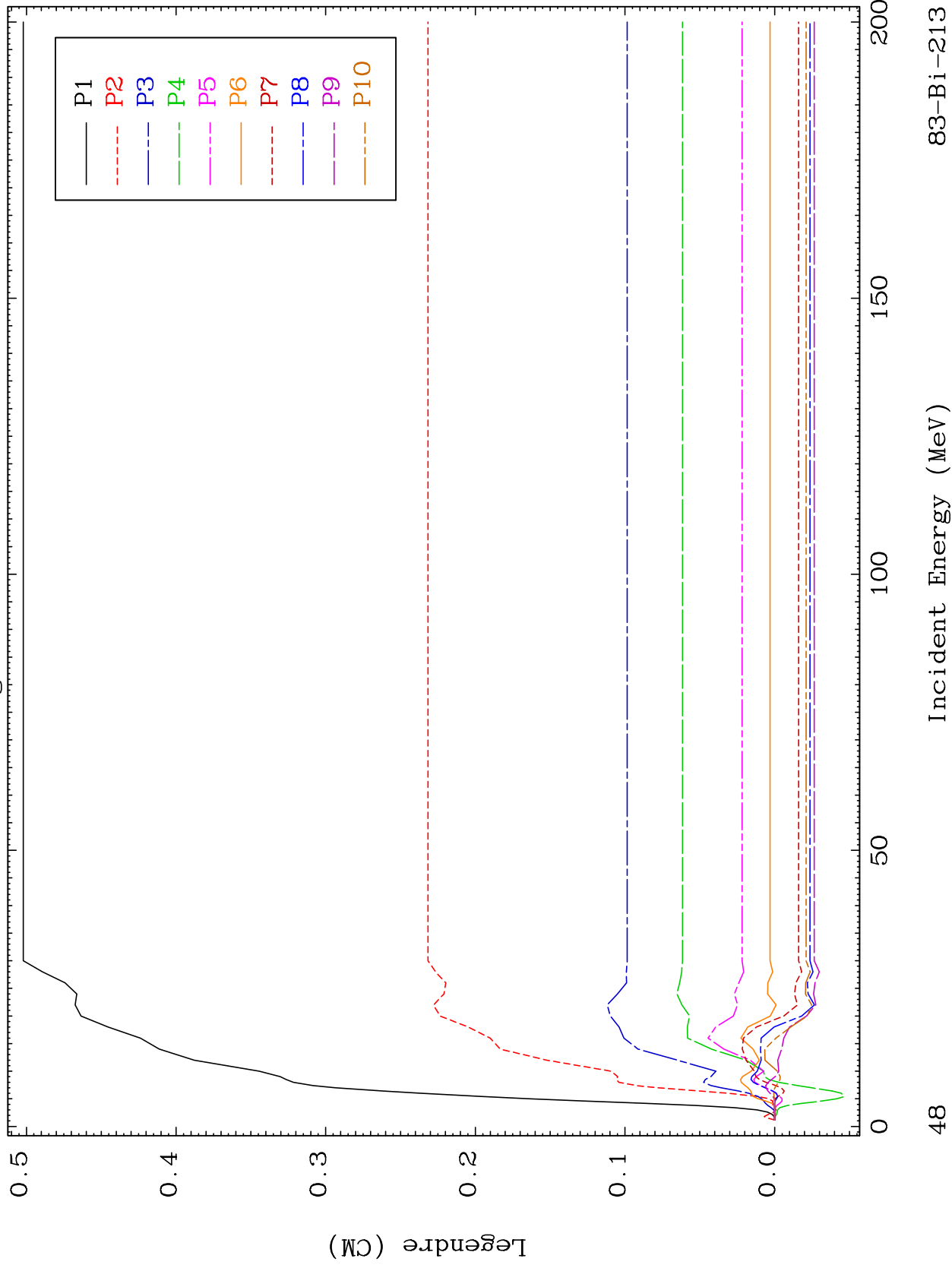


MAT 8337

MT= 58 (n,n') Level

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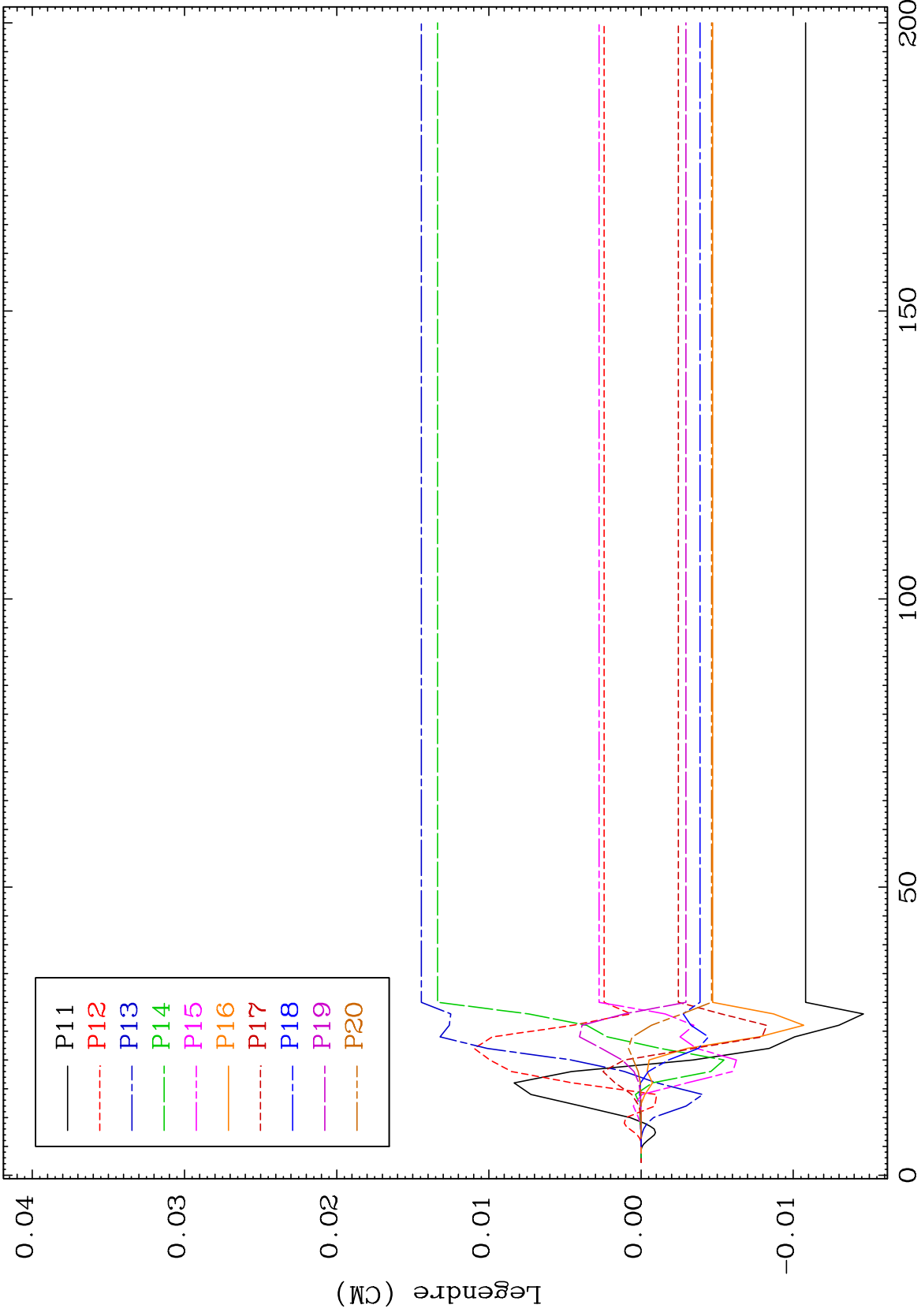
Legendre Coefficients



MAT 8337

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

83-Bi-213



49

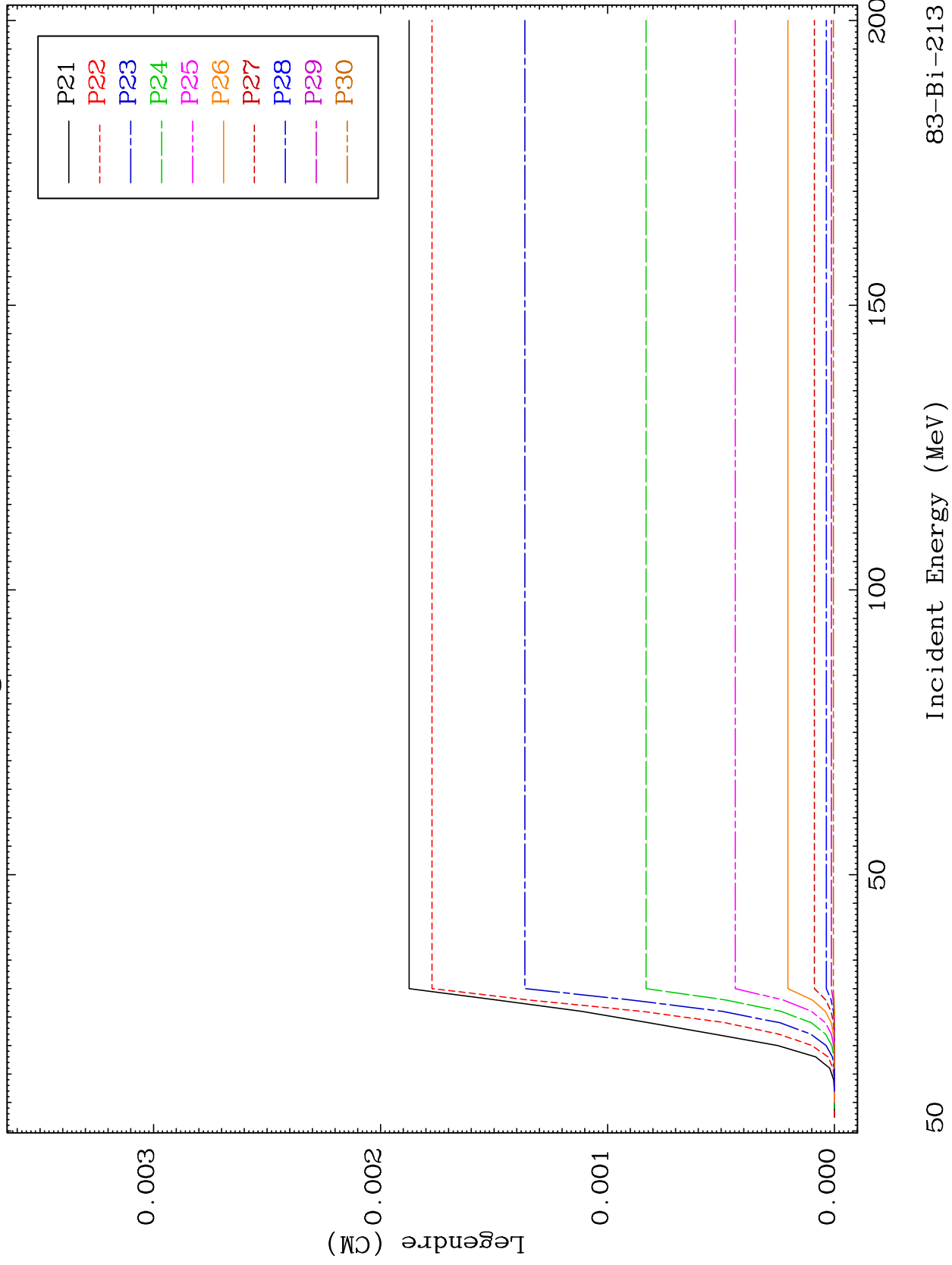
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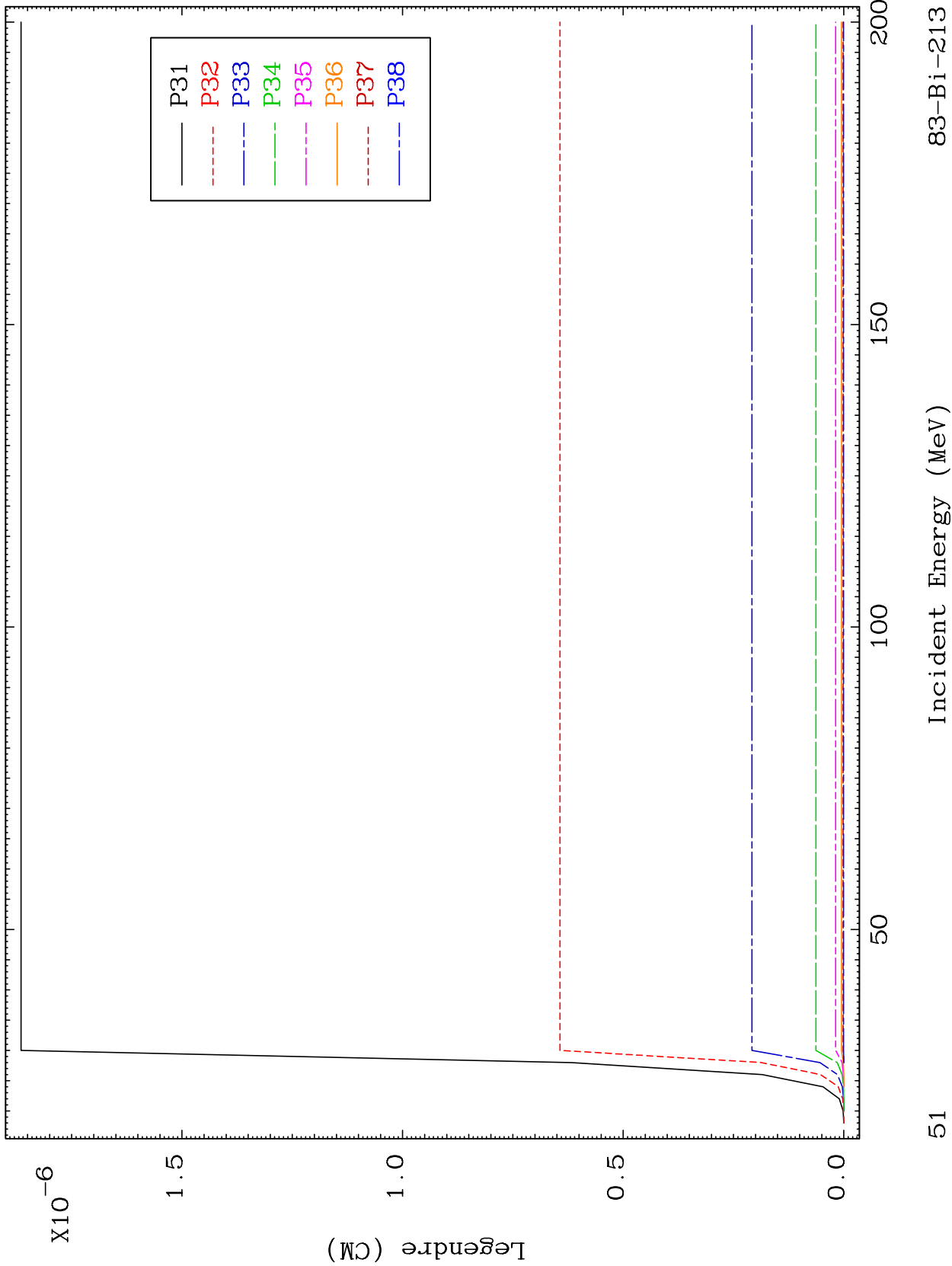
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MAT 8337

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

83-Bi-213

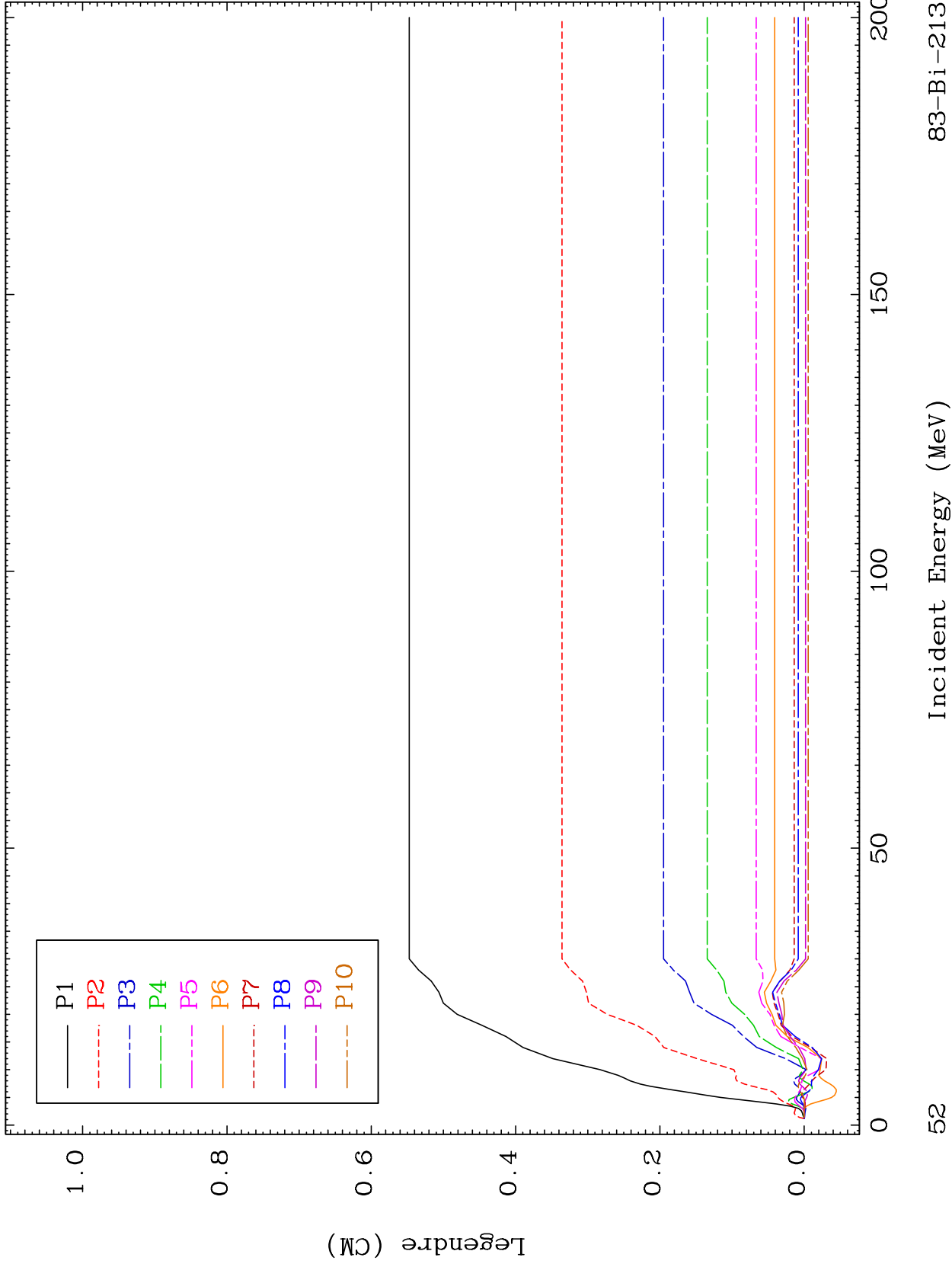




MAT 8337

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

83-Bi-213

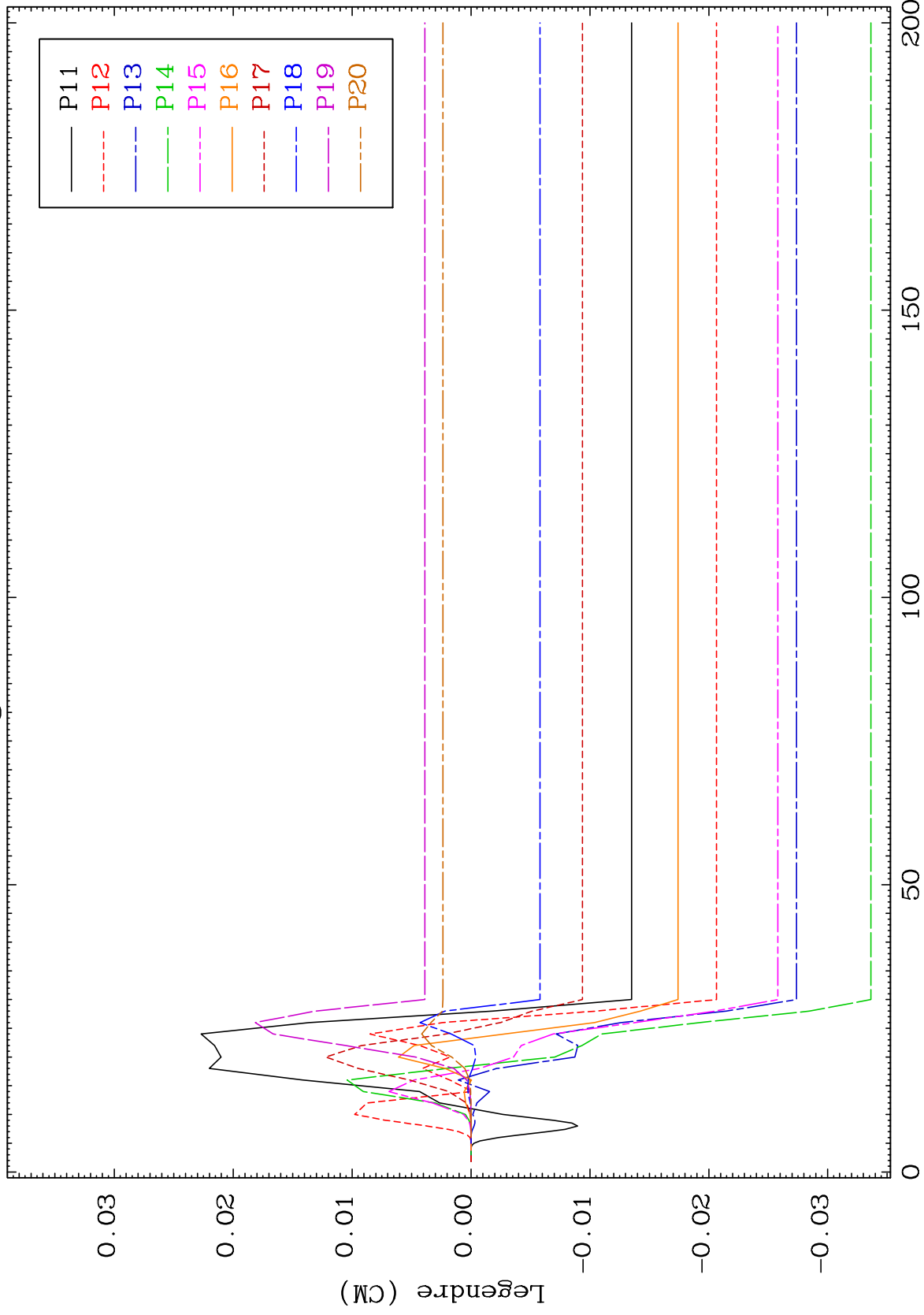


52

MAT 8337

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

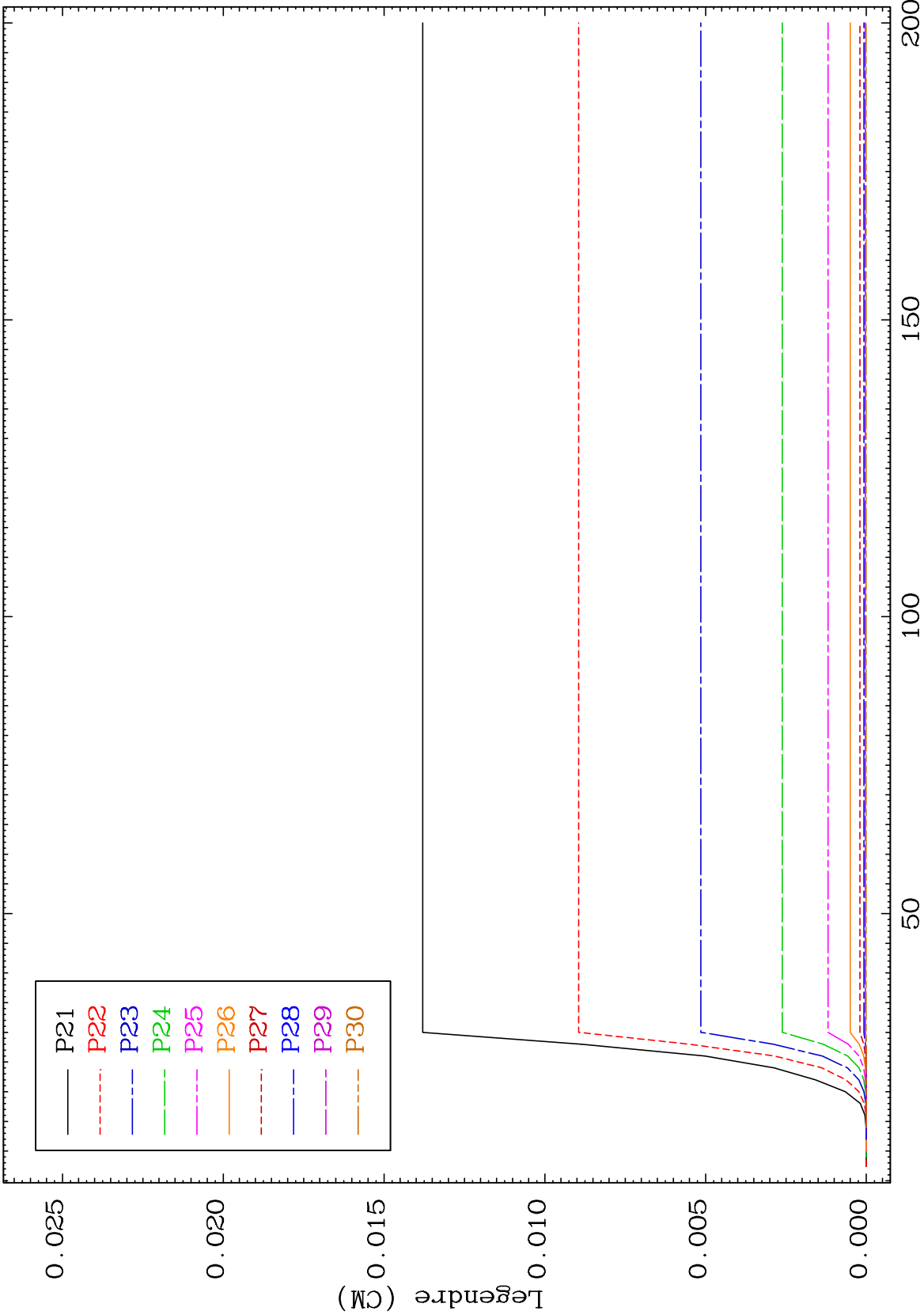
83-Bi-213



53

Incident Energy (MeV)

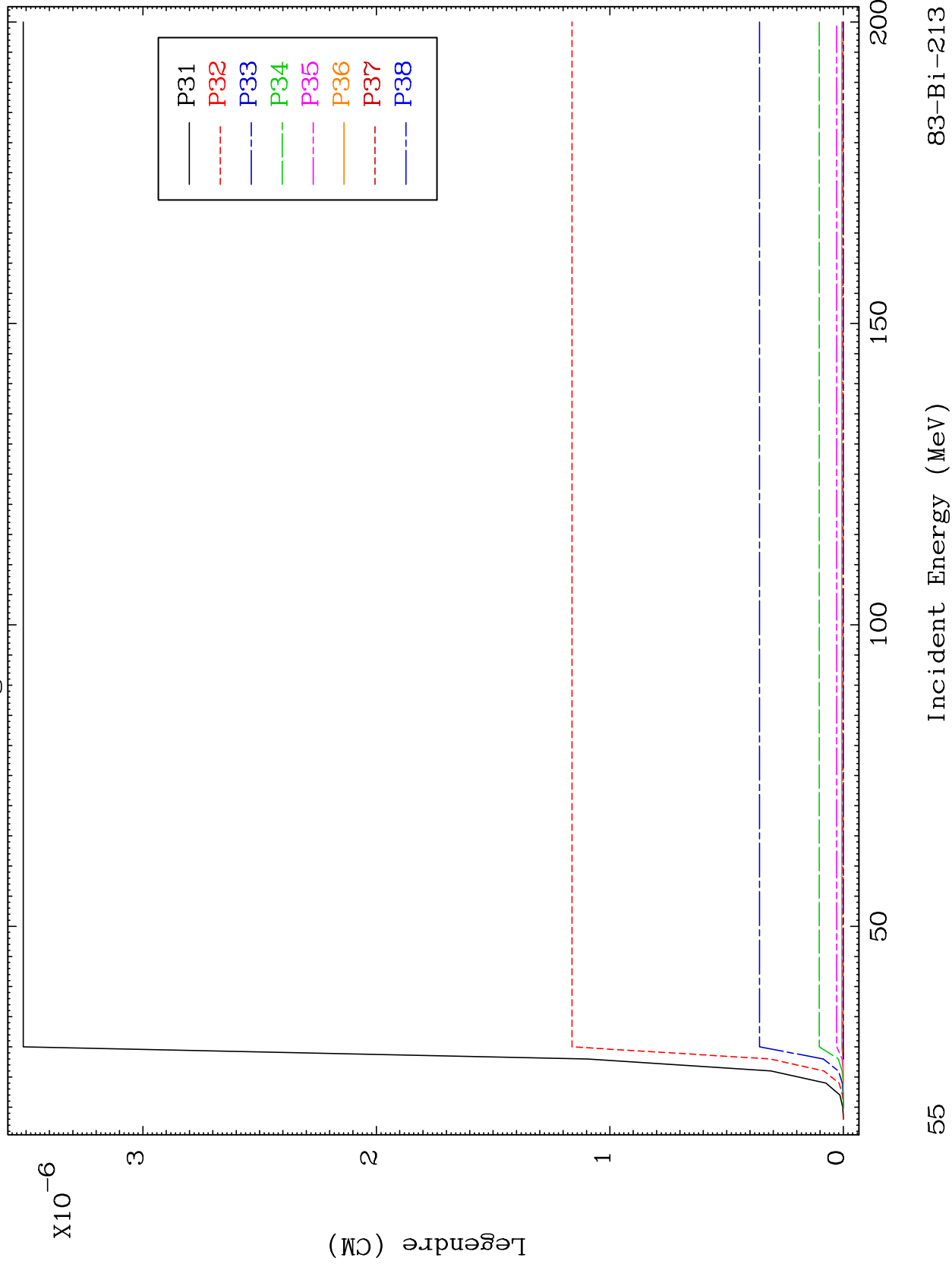
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MAT 8337

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

83-Bi-213



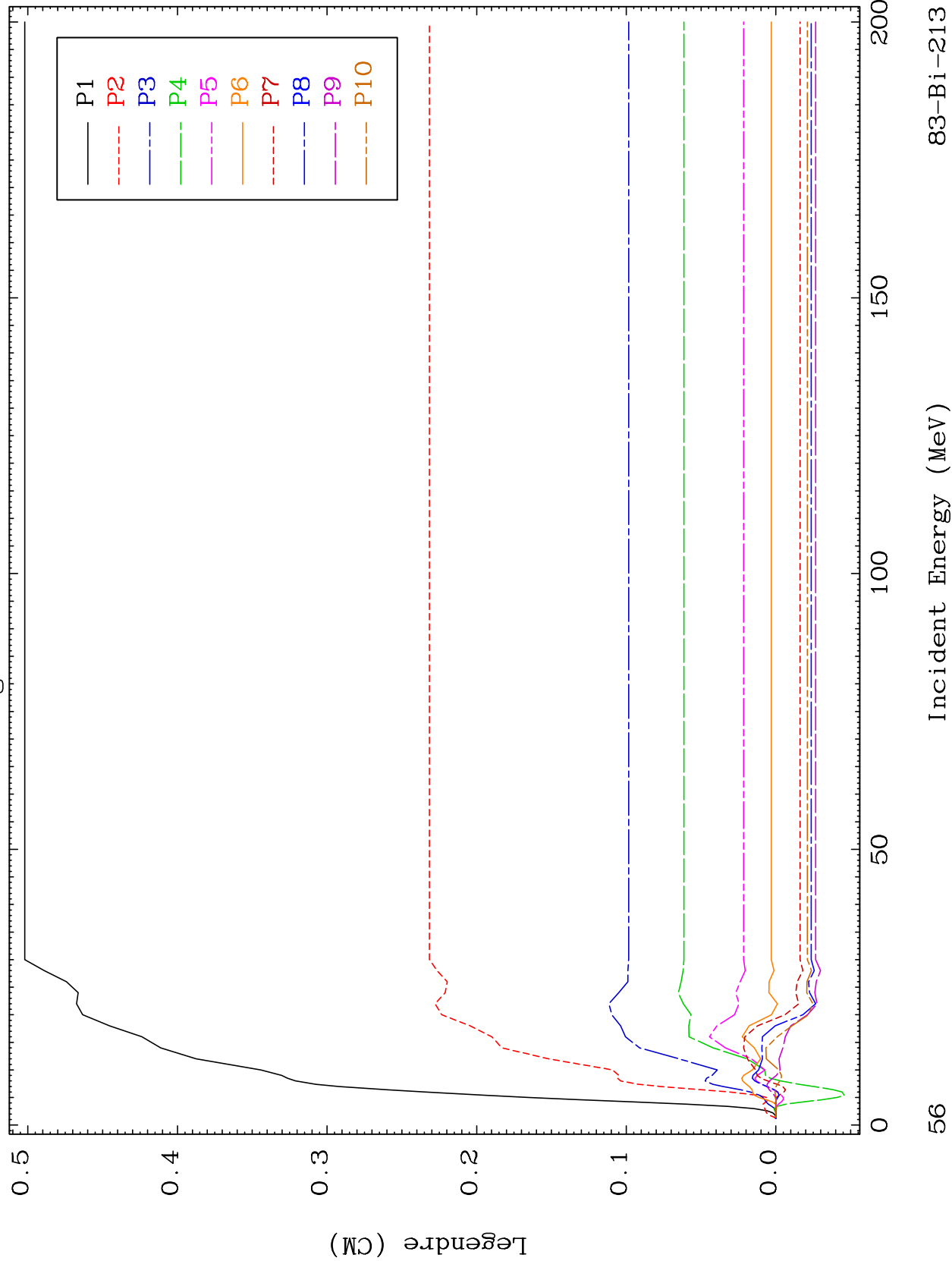
83-Bi-213



MAT 8337

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

83-Bi-213



83-Bi-213

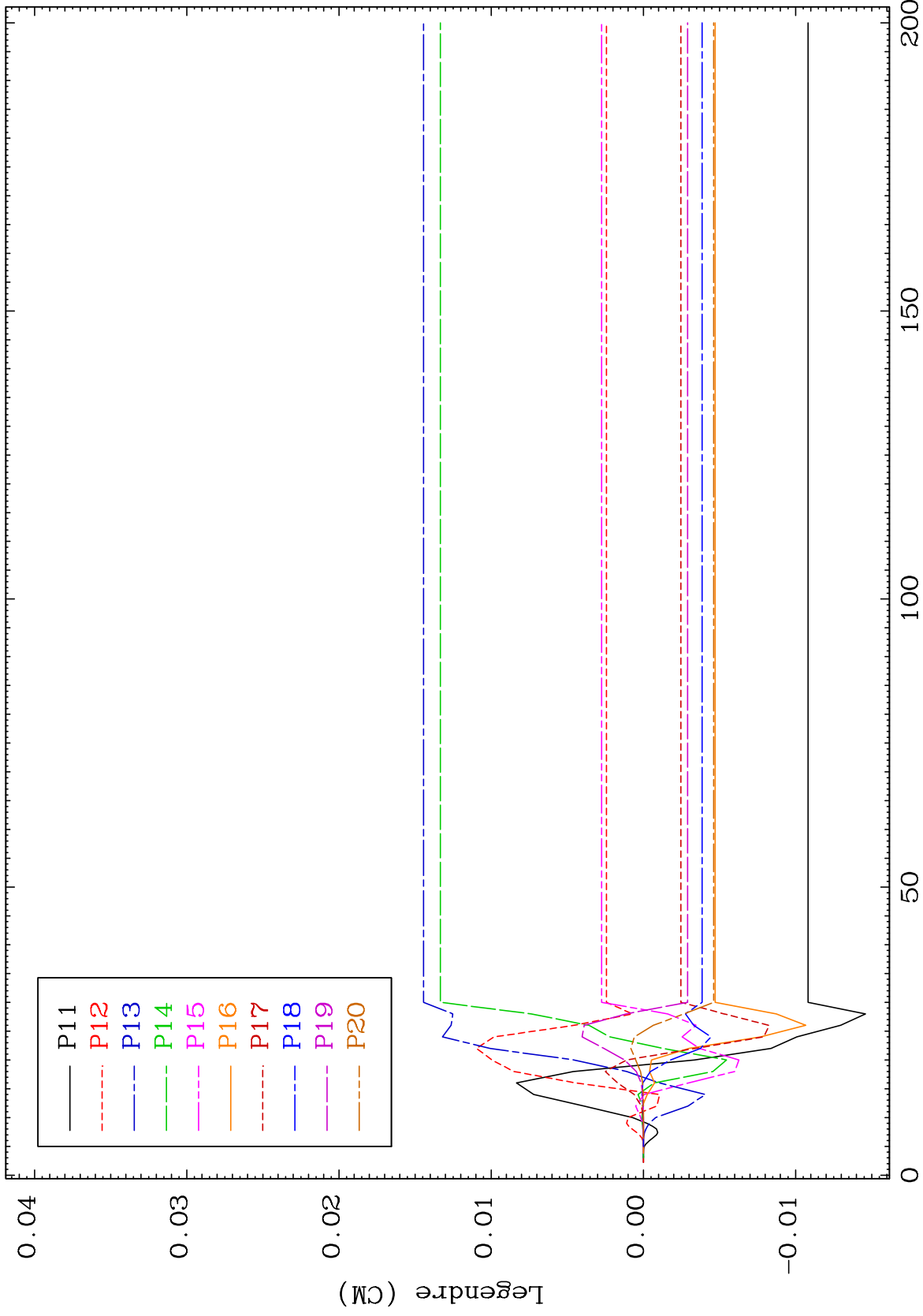
Incident Energy (MeV)

56

MAT 8337

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

83-Bi-213



57

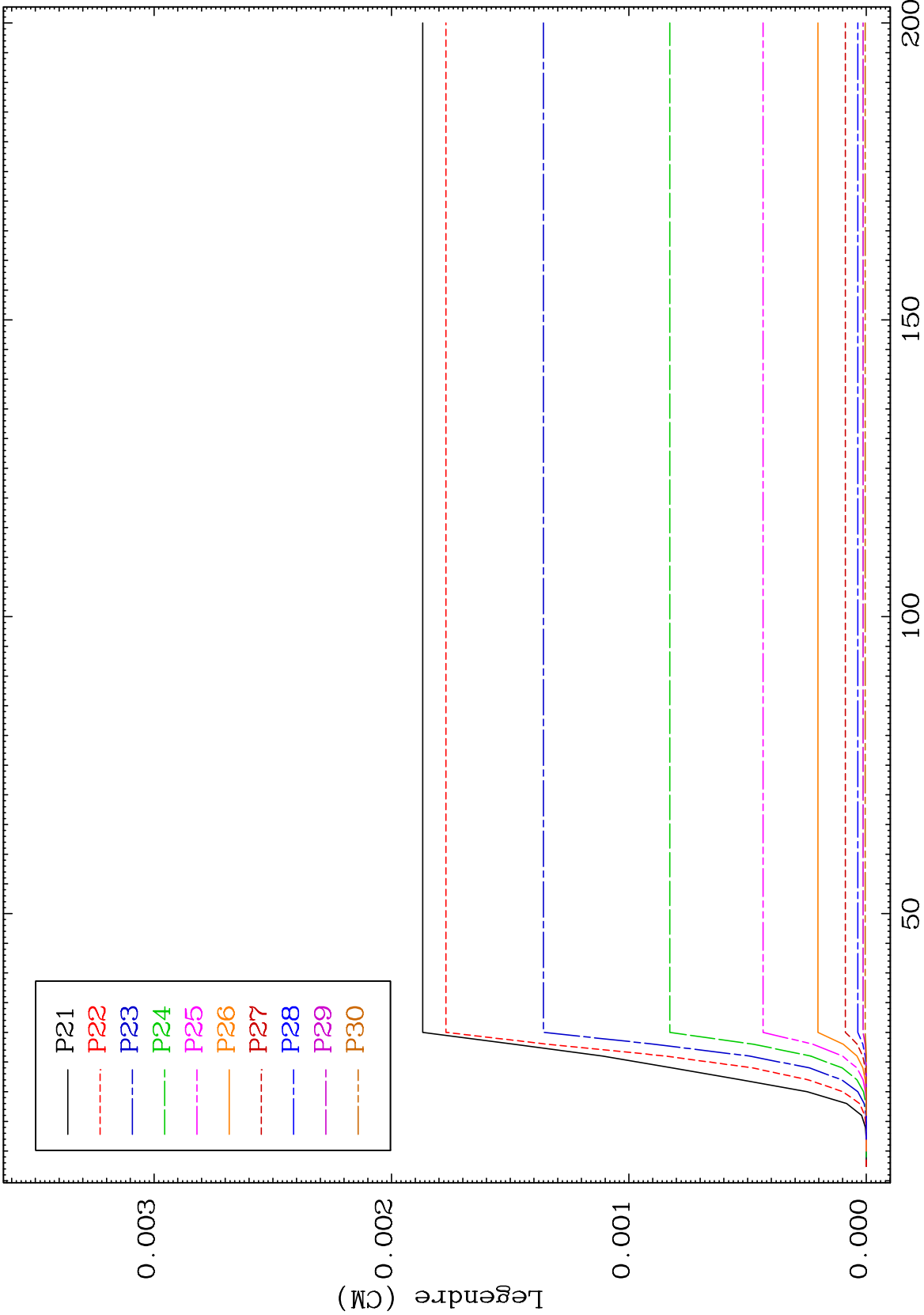
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



58

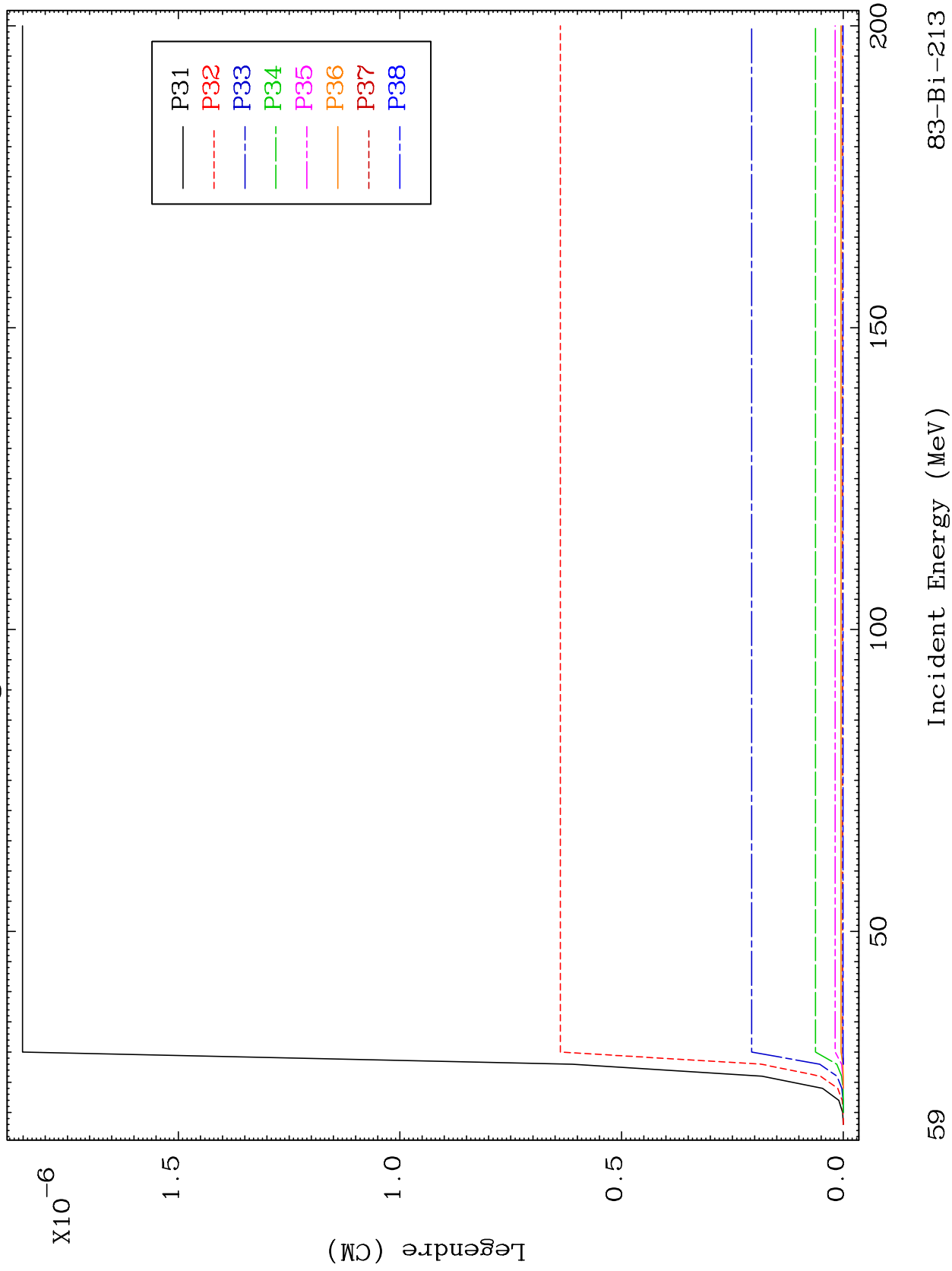
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



59

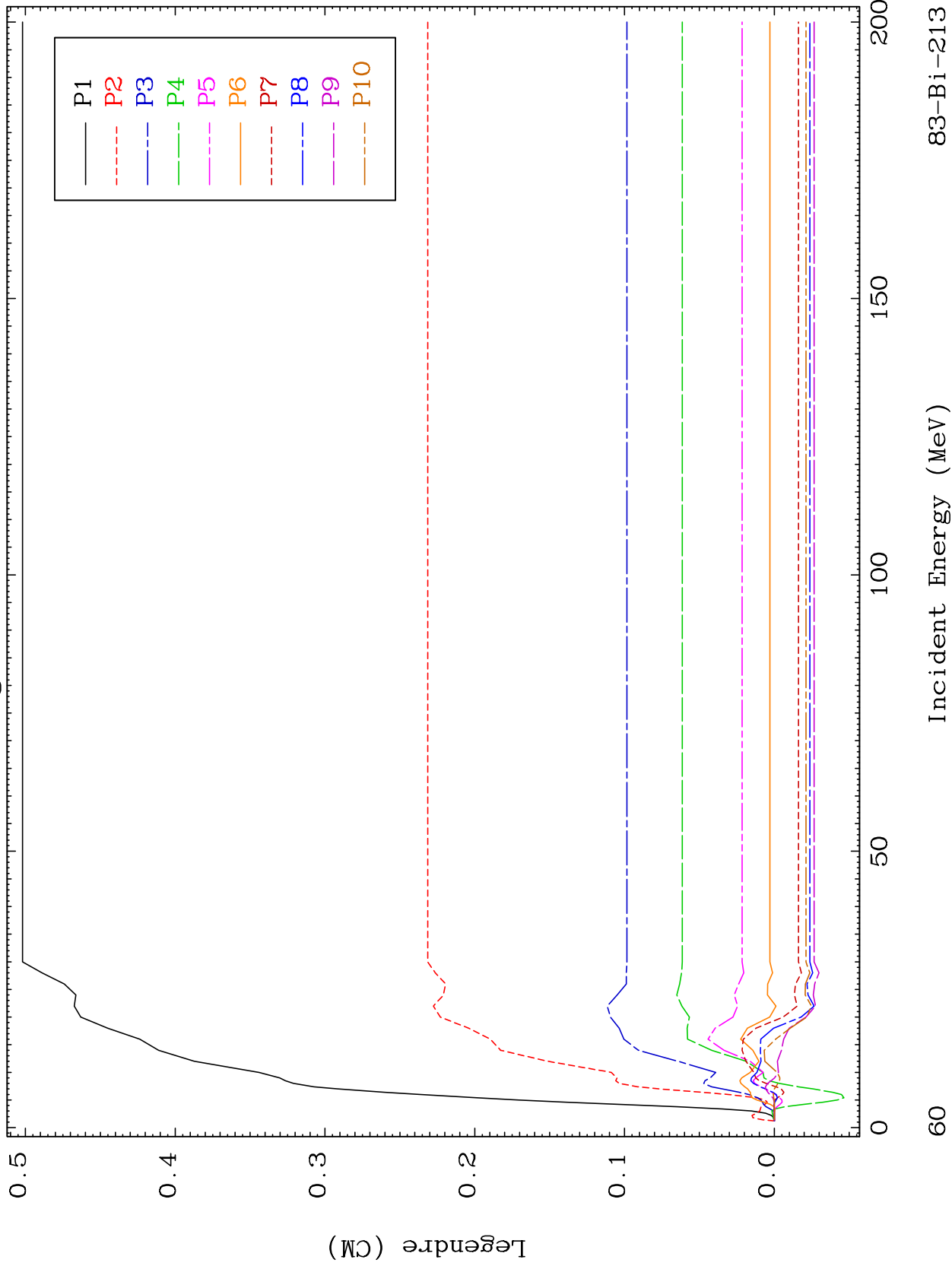
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

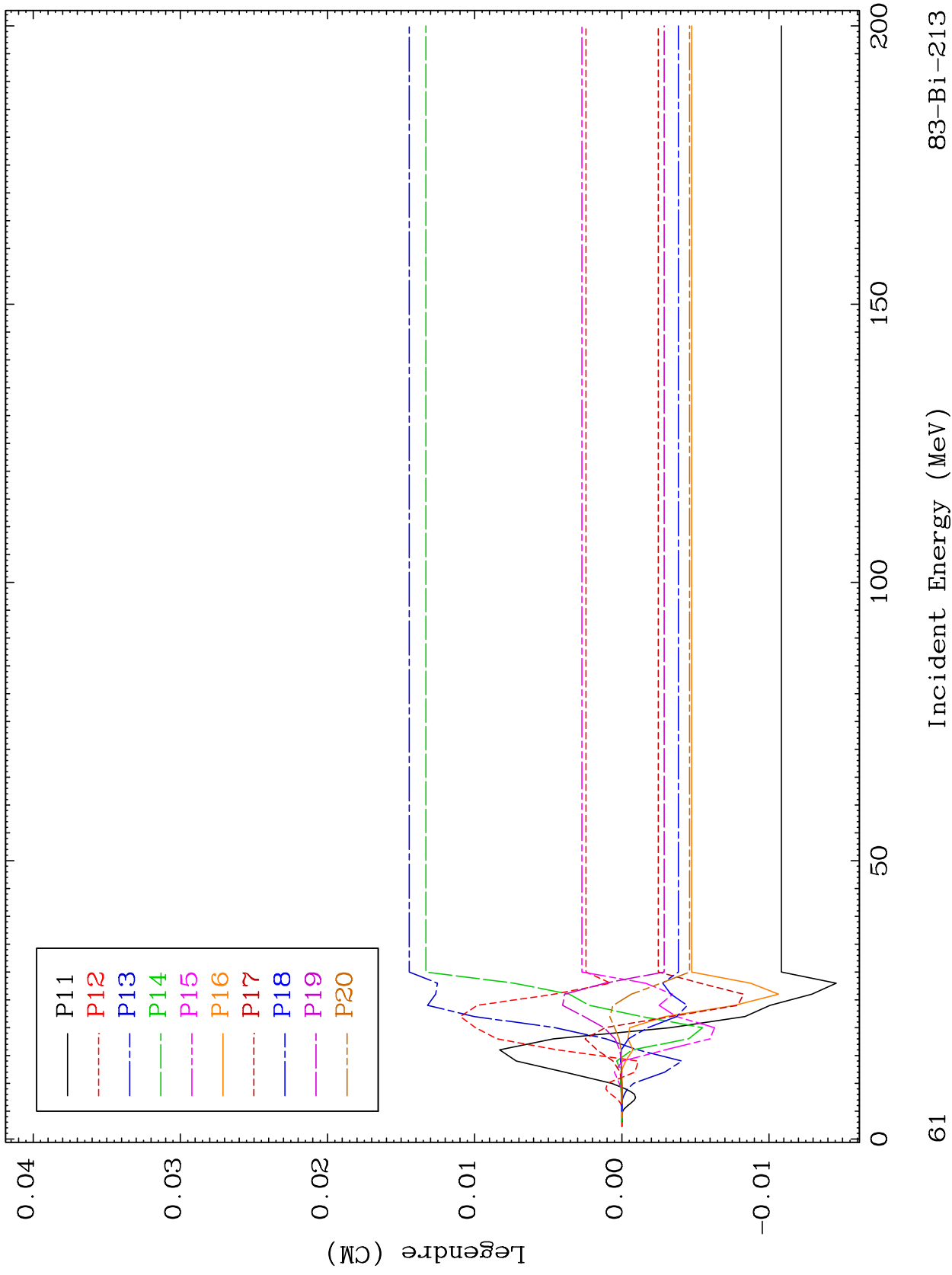
83-Bi-213



MAT 8337

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

83-Bi-213



61

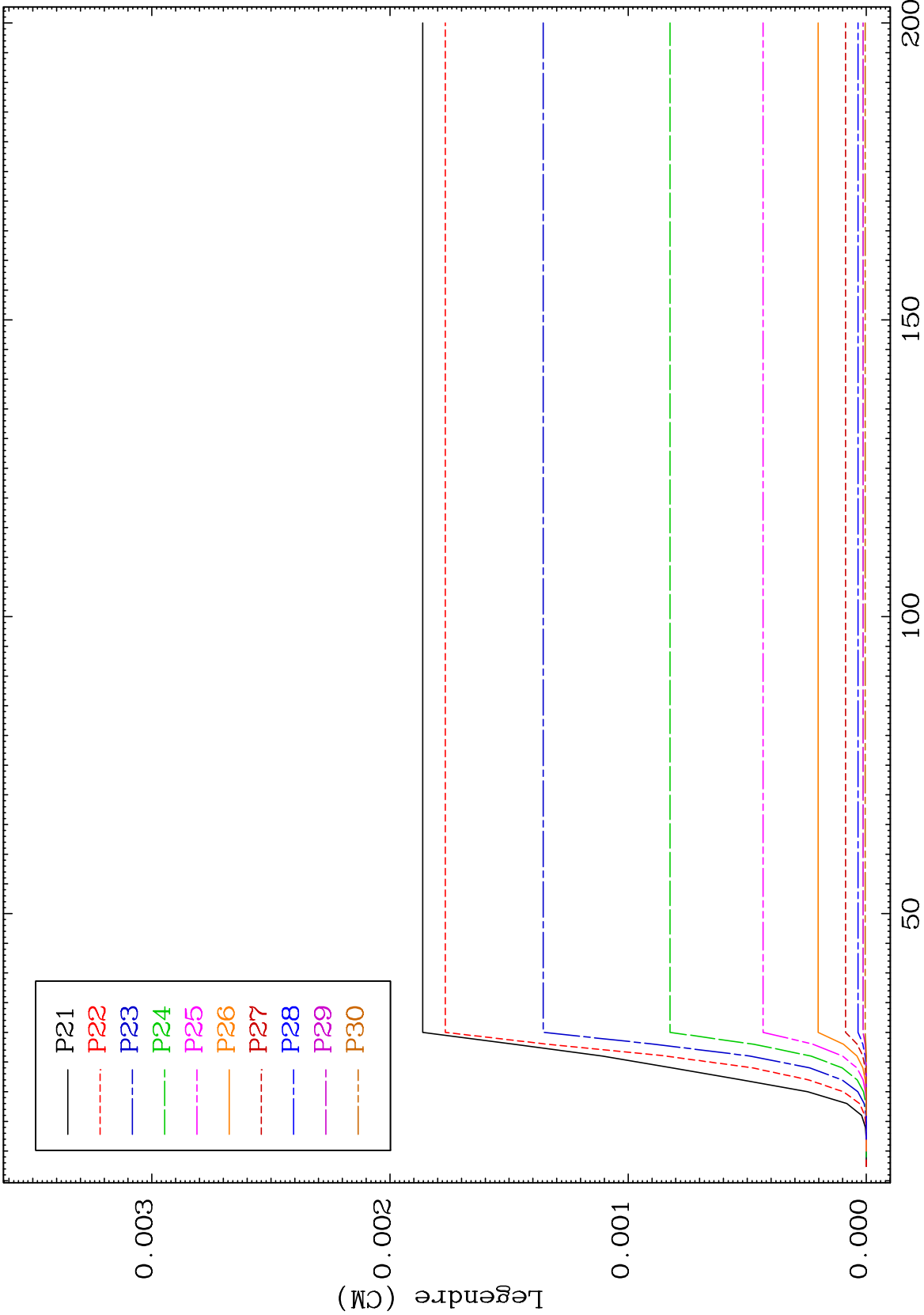
Incident Energy (MeV)

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MAT 8337

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

83-Bi-213



62

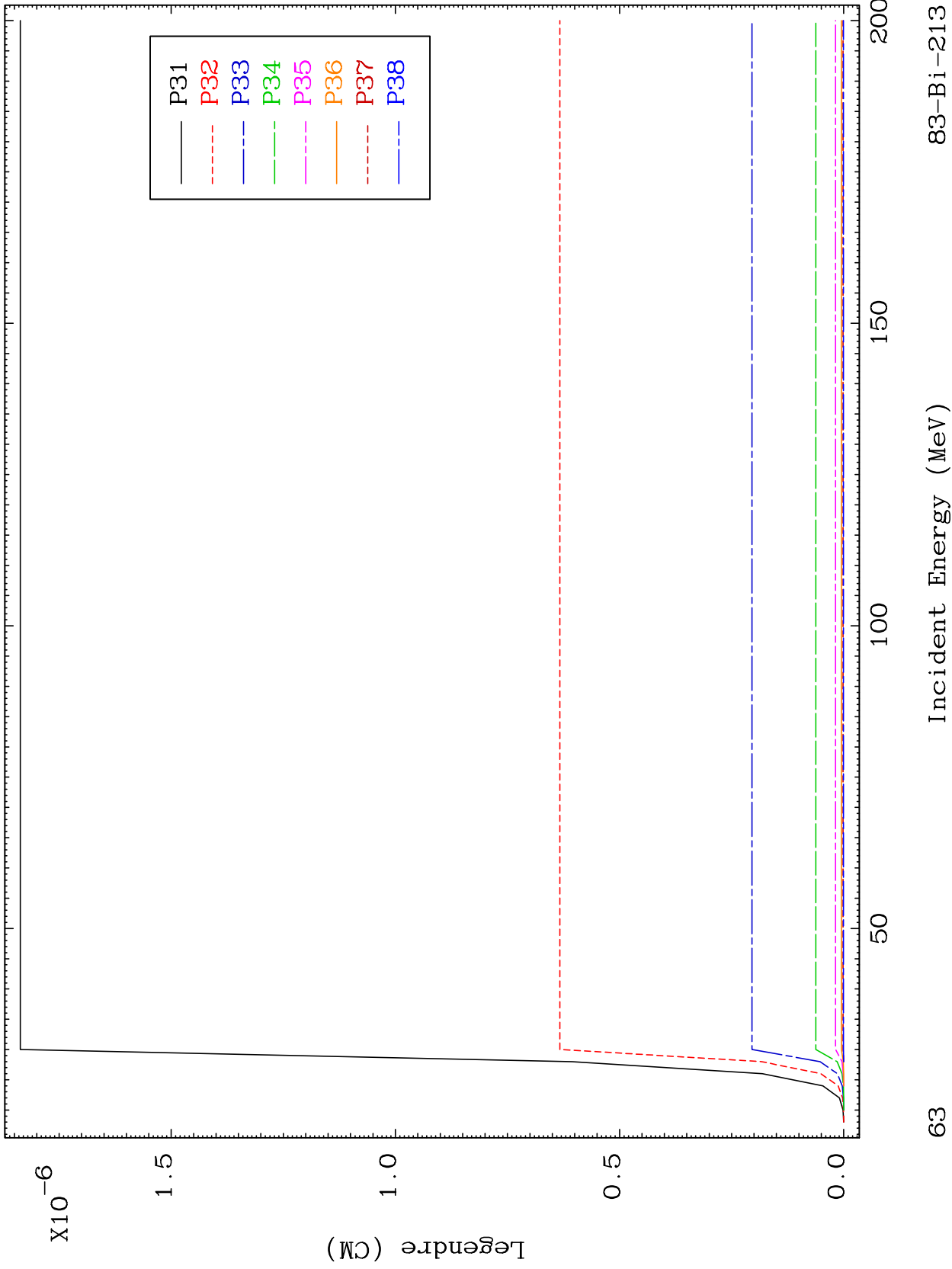
Incident Energy (MeV)

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MAT 8337

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

83-Bi-213



63

Incident Energy (MeV)

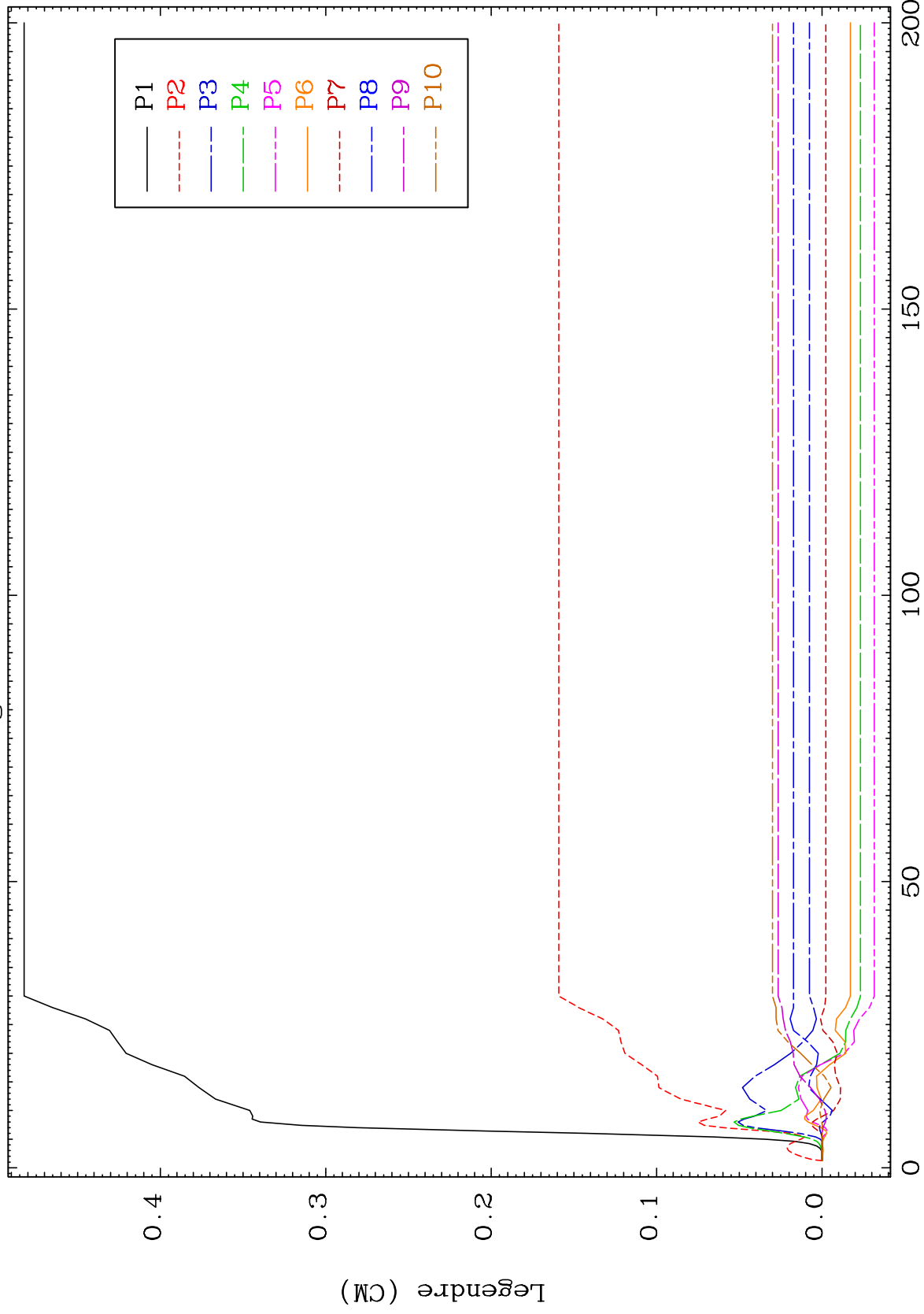
83-Bi-213



MAT 8337

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

83-Bi-213



64

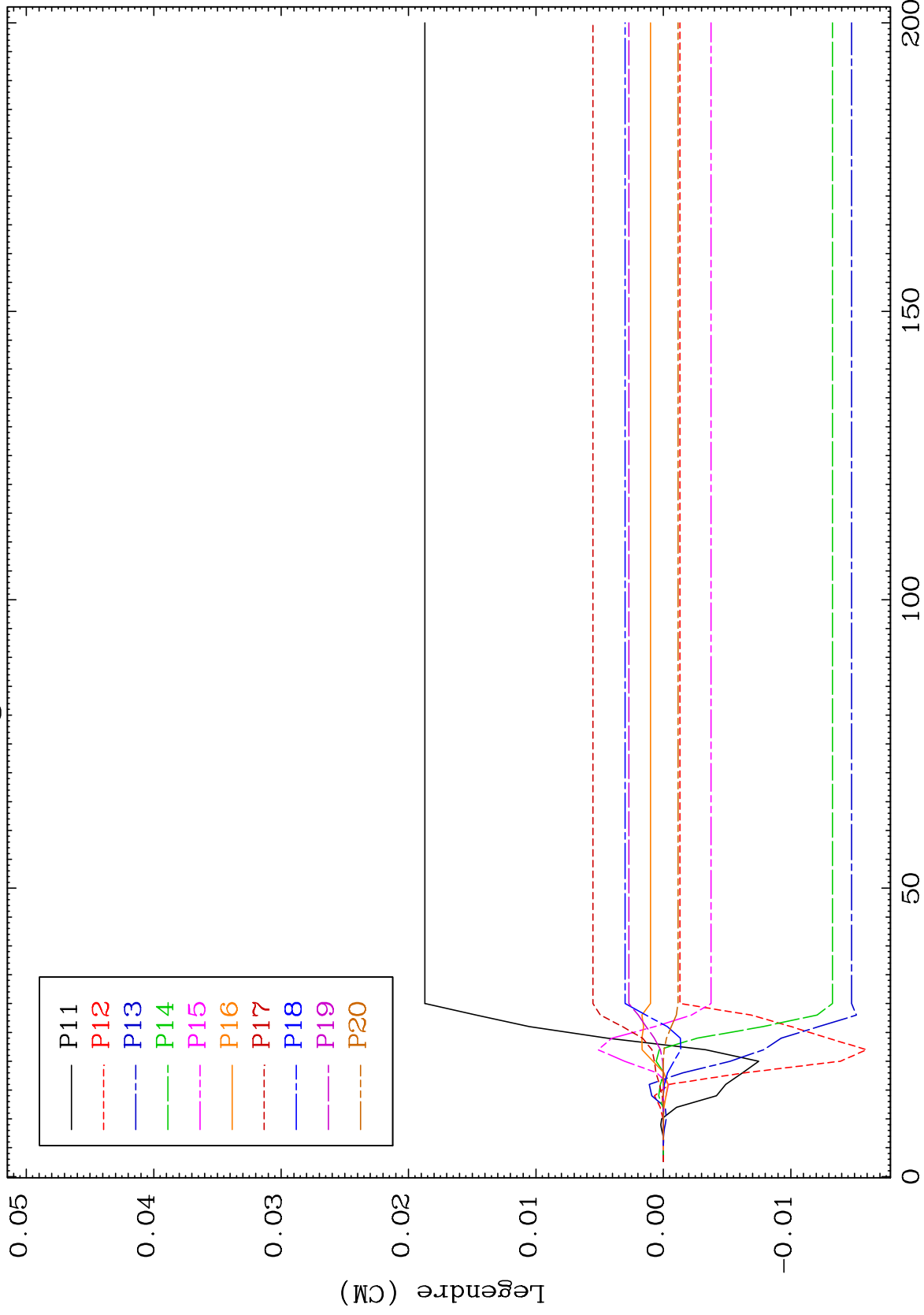
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

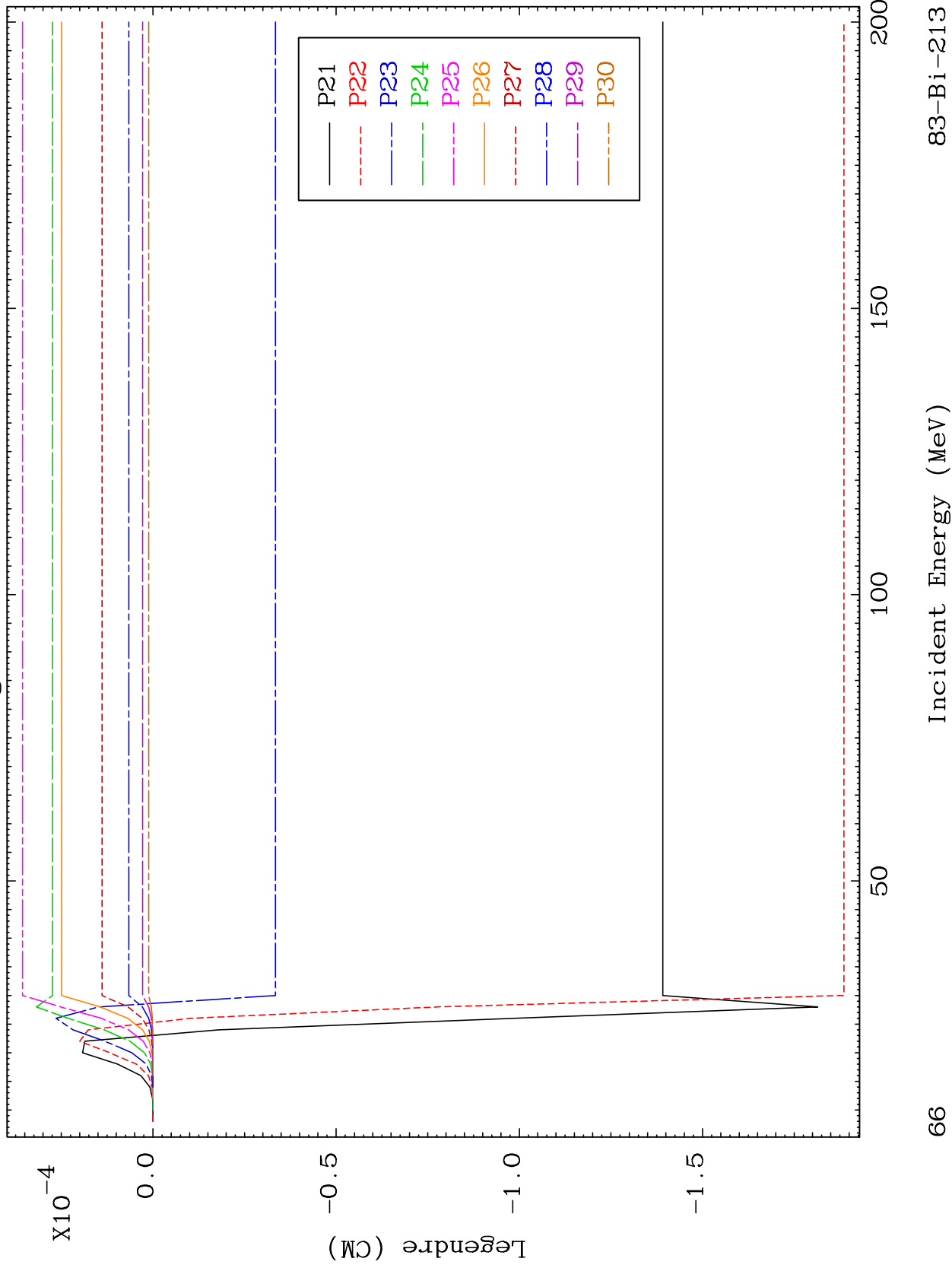
83-Bi-213



65

Incident Energy (MeV)

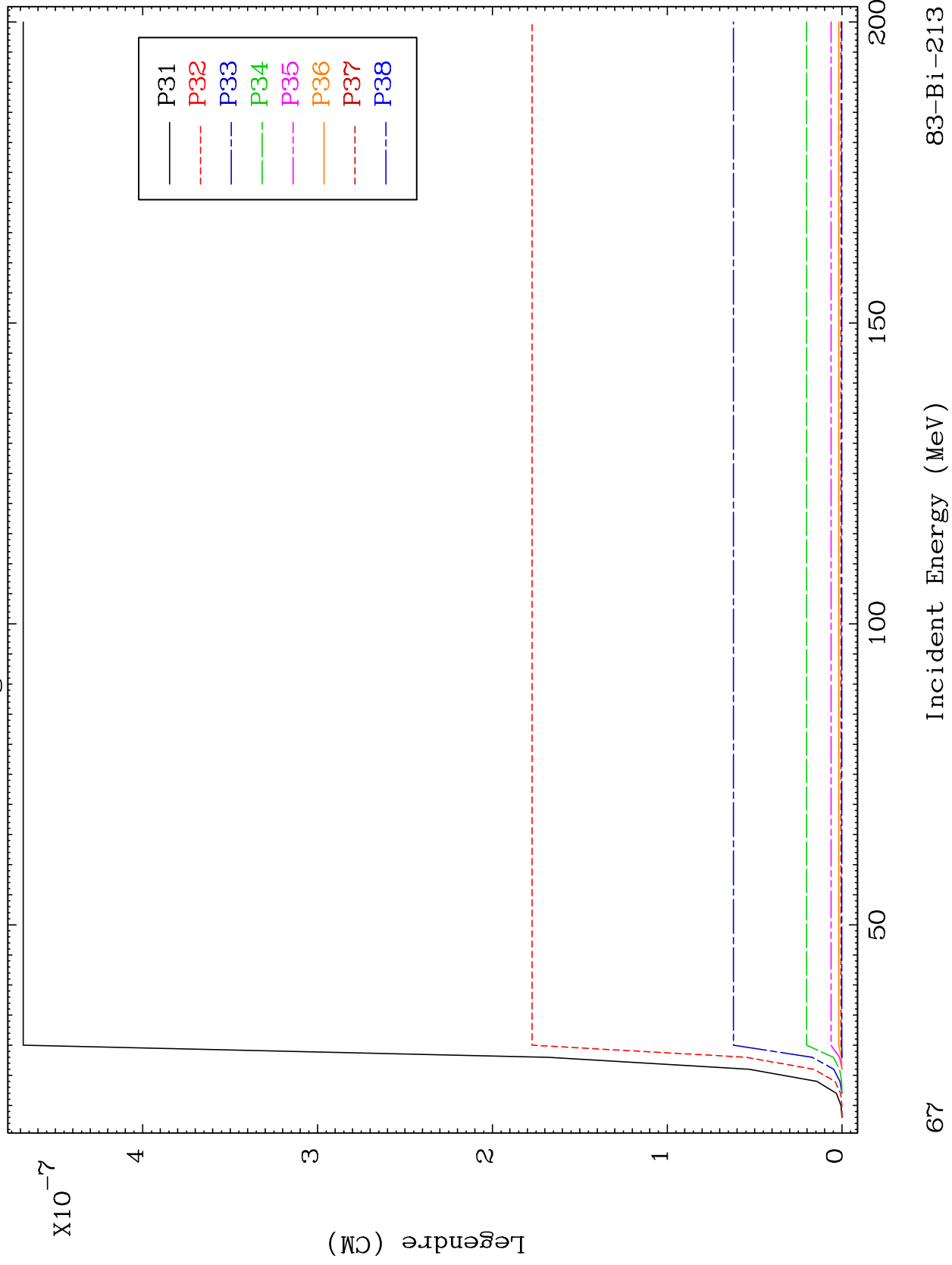
83-Bi-213



MAT 8337

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

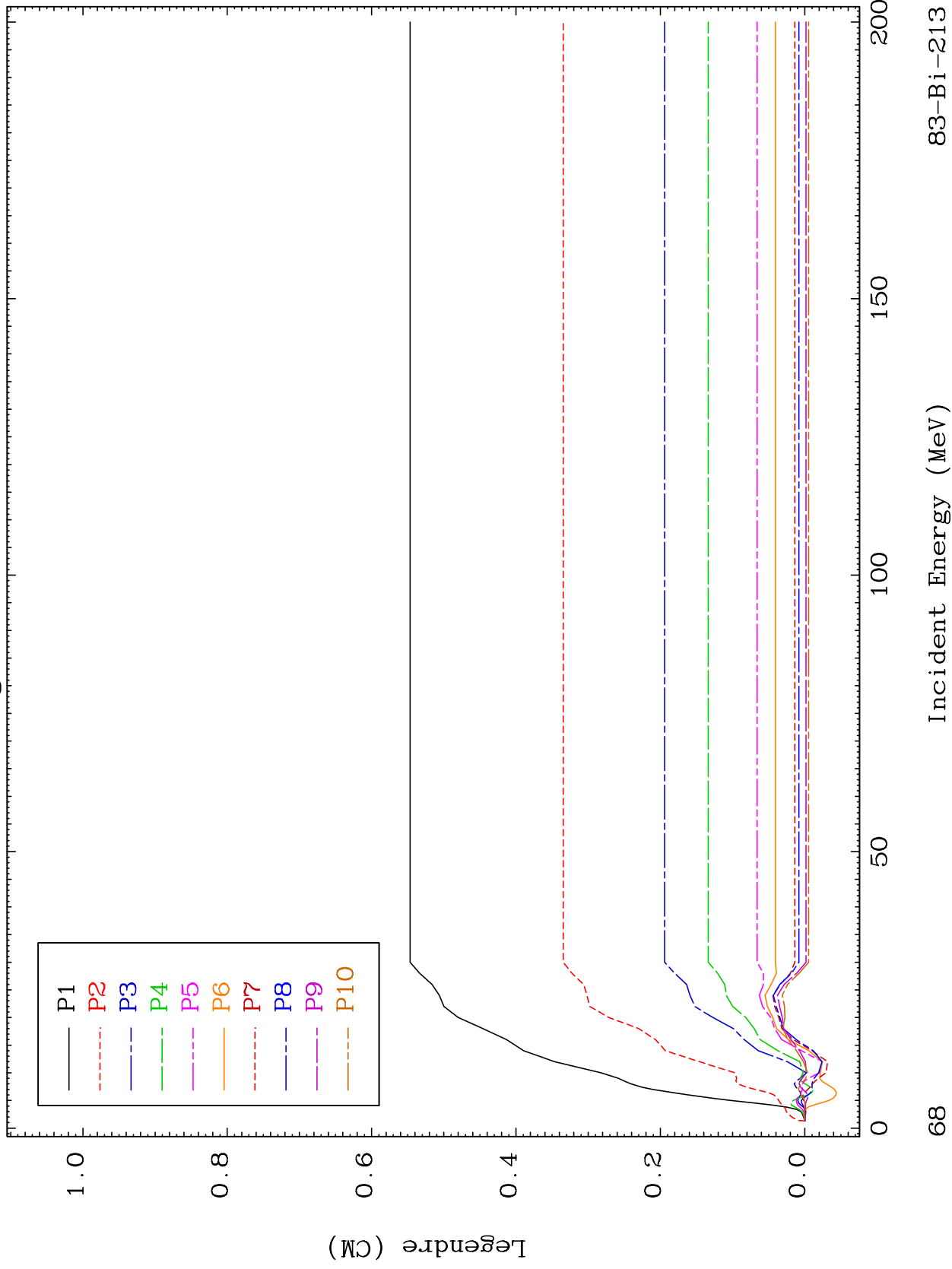
83-Bi-213



MAT 8337

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

83-Bi-213



68

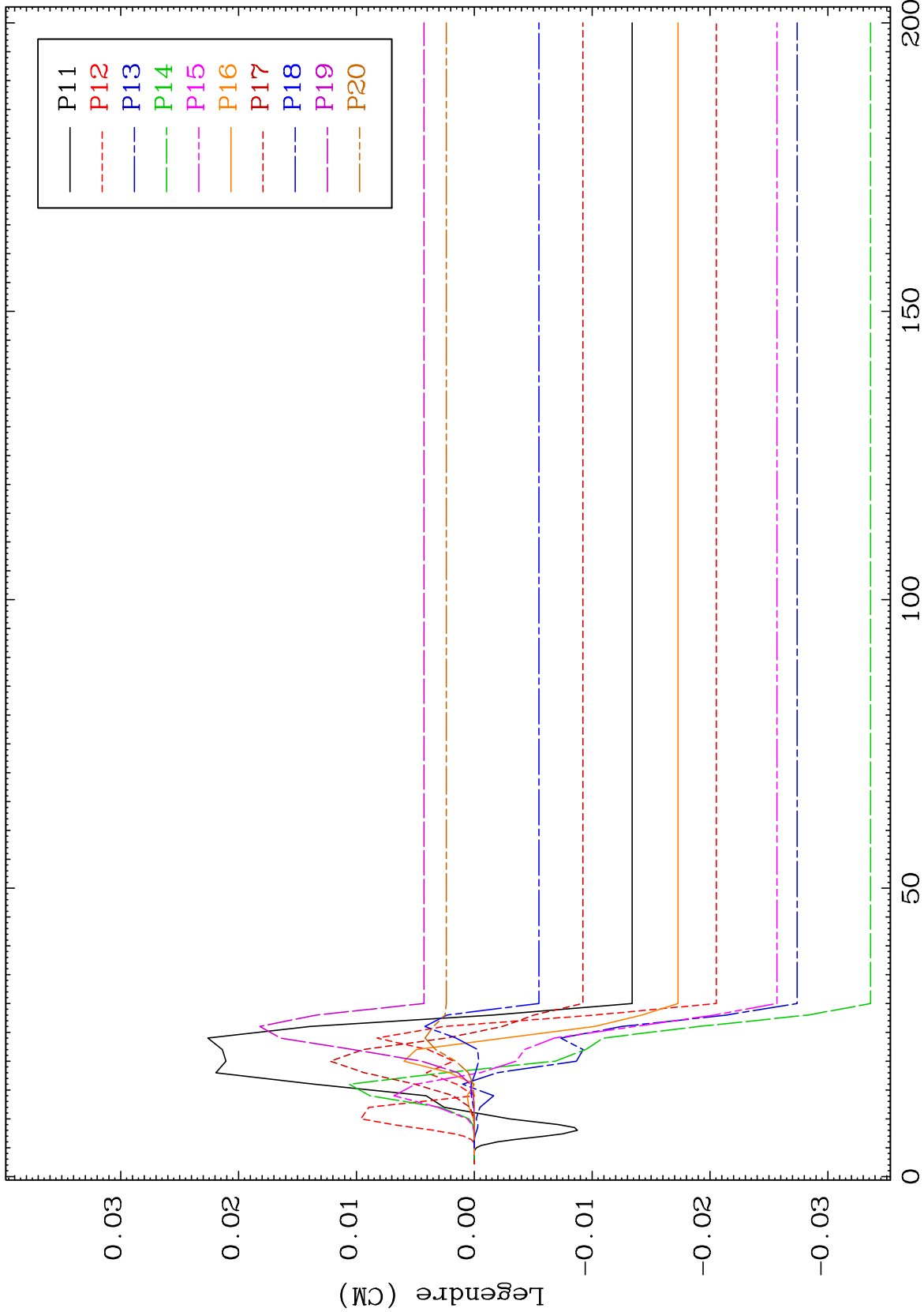
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



69

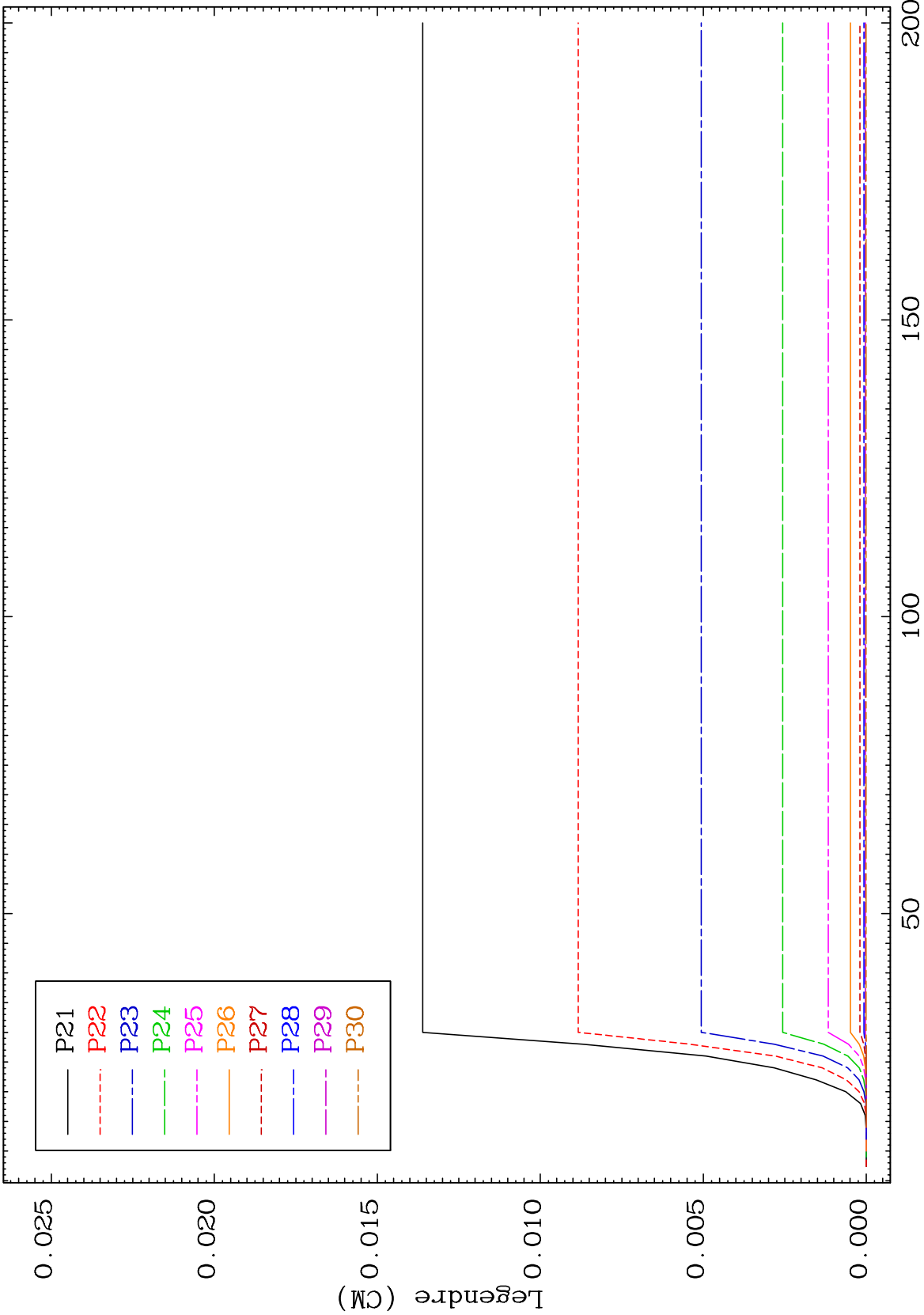
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



70

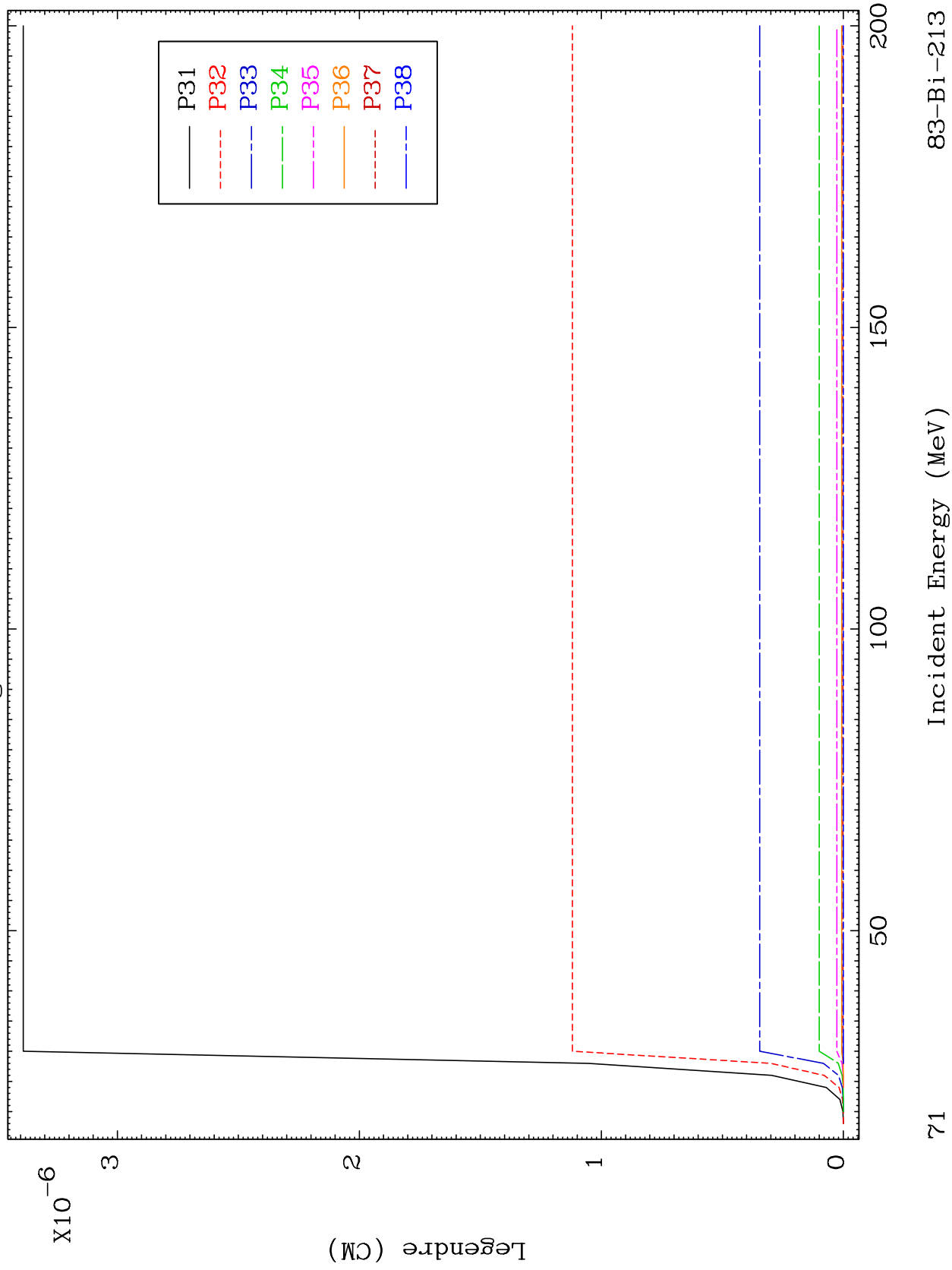
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

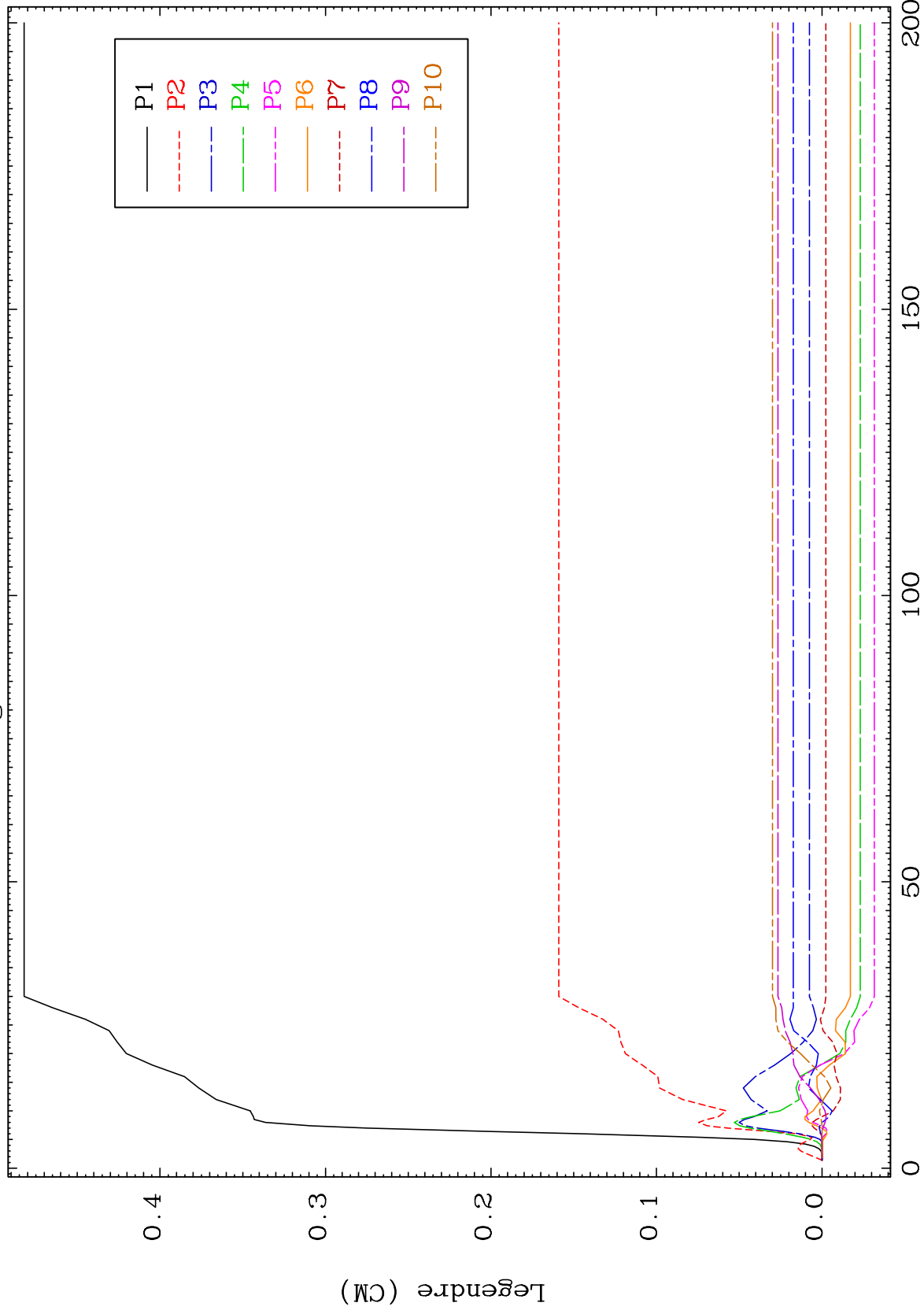




MAT 8337

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

83-Bi-213



72

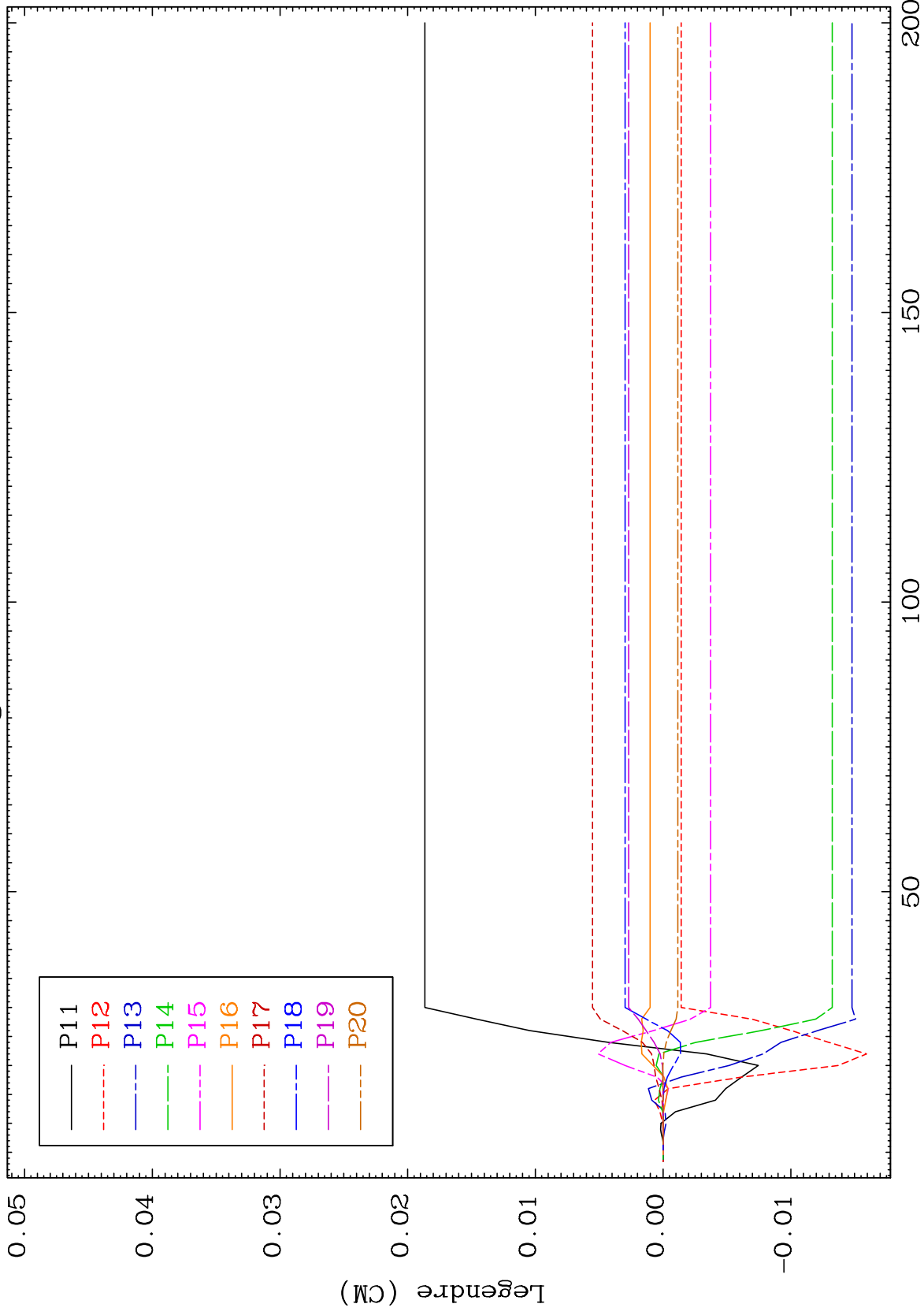
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



73

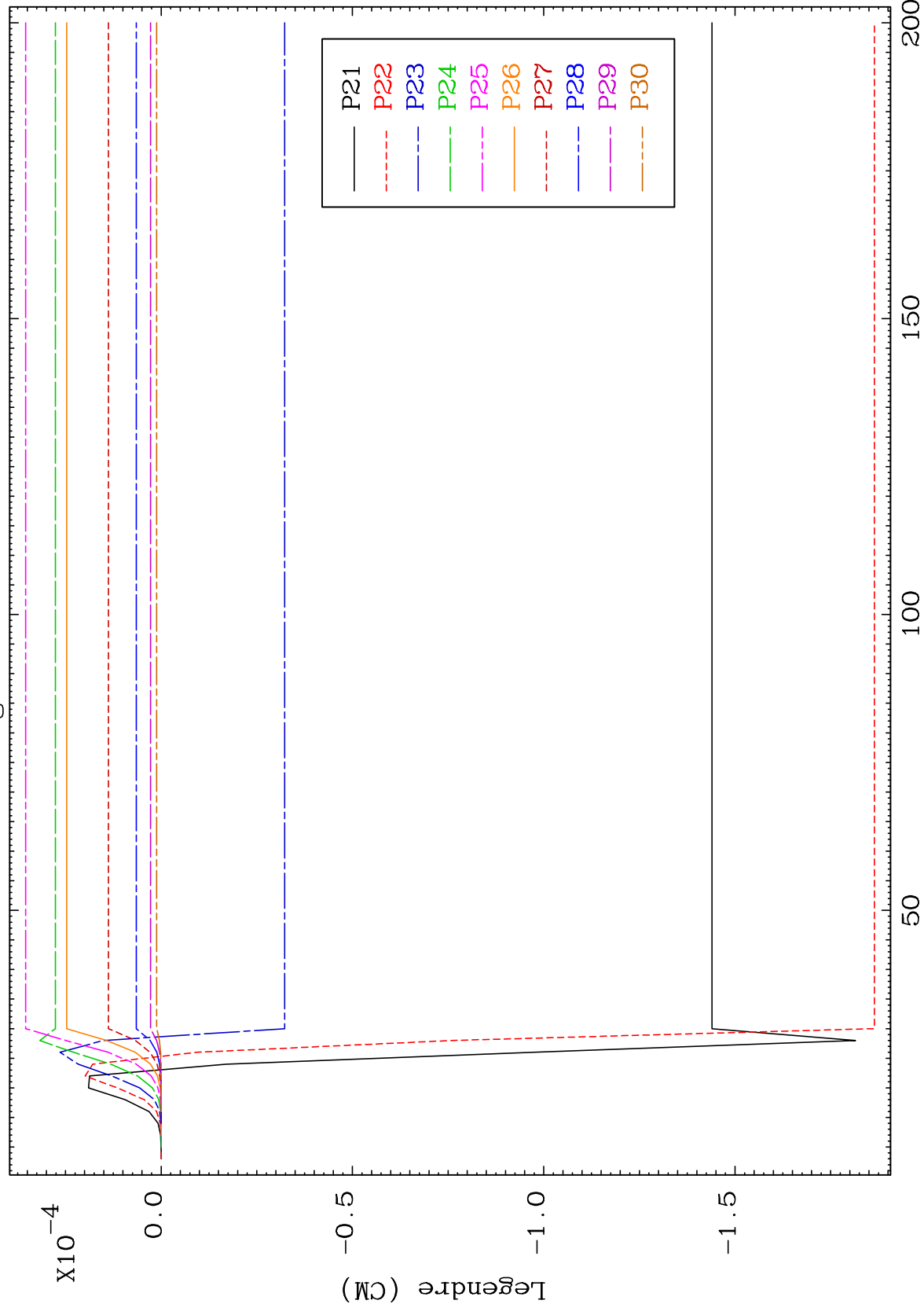
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



74

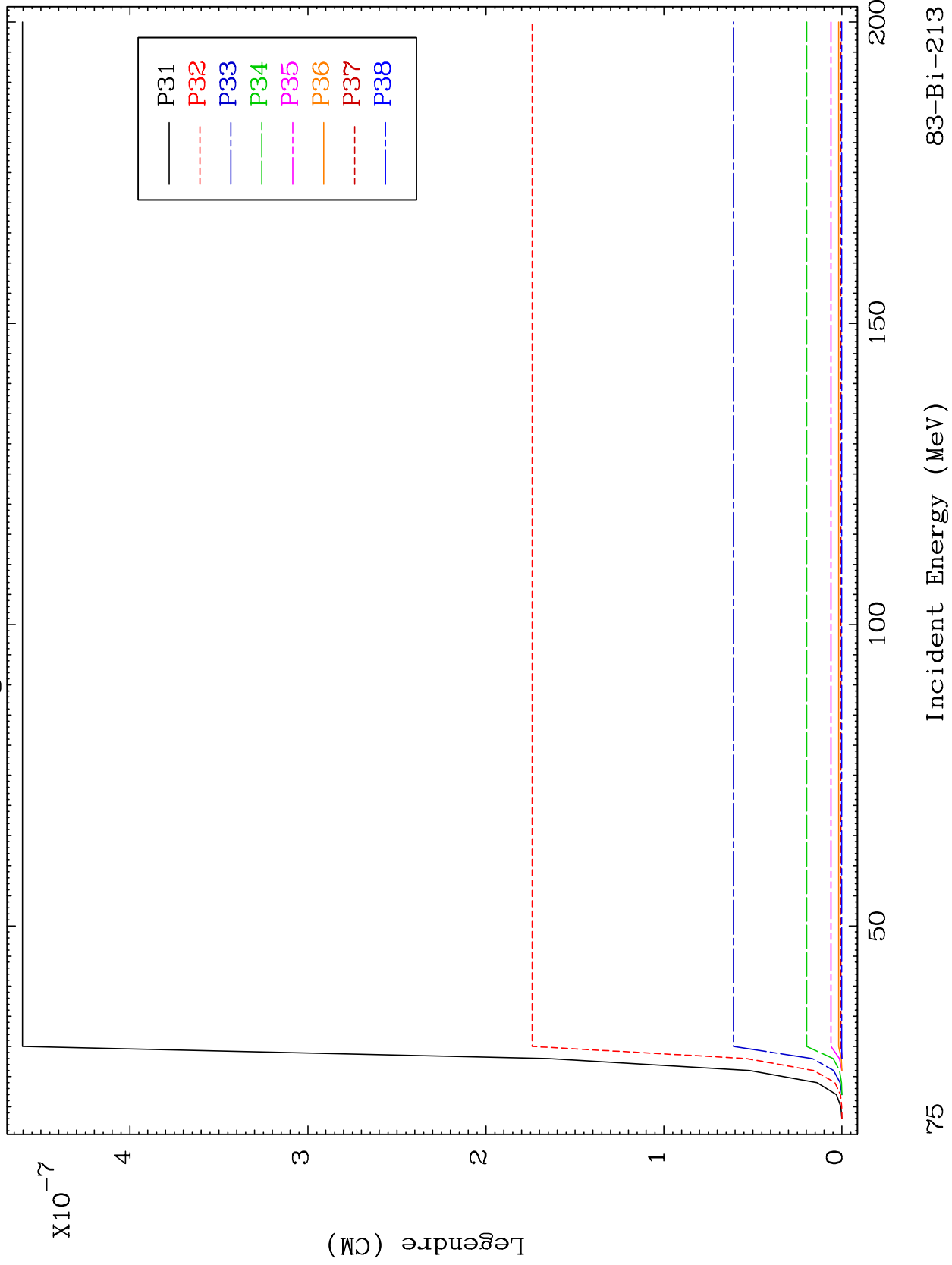
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

Incident Energy (MeV)

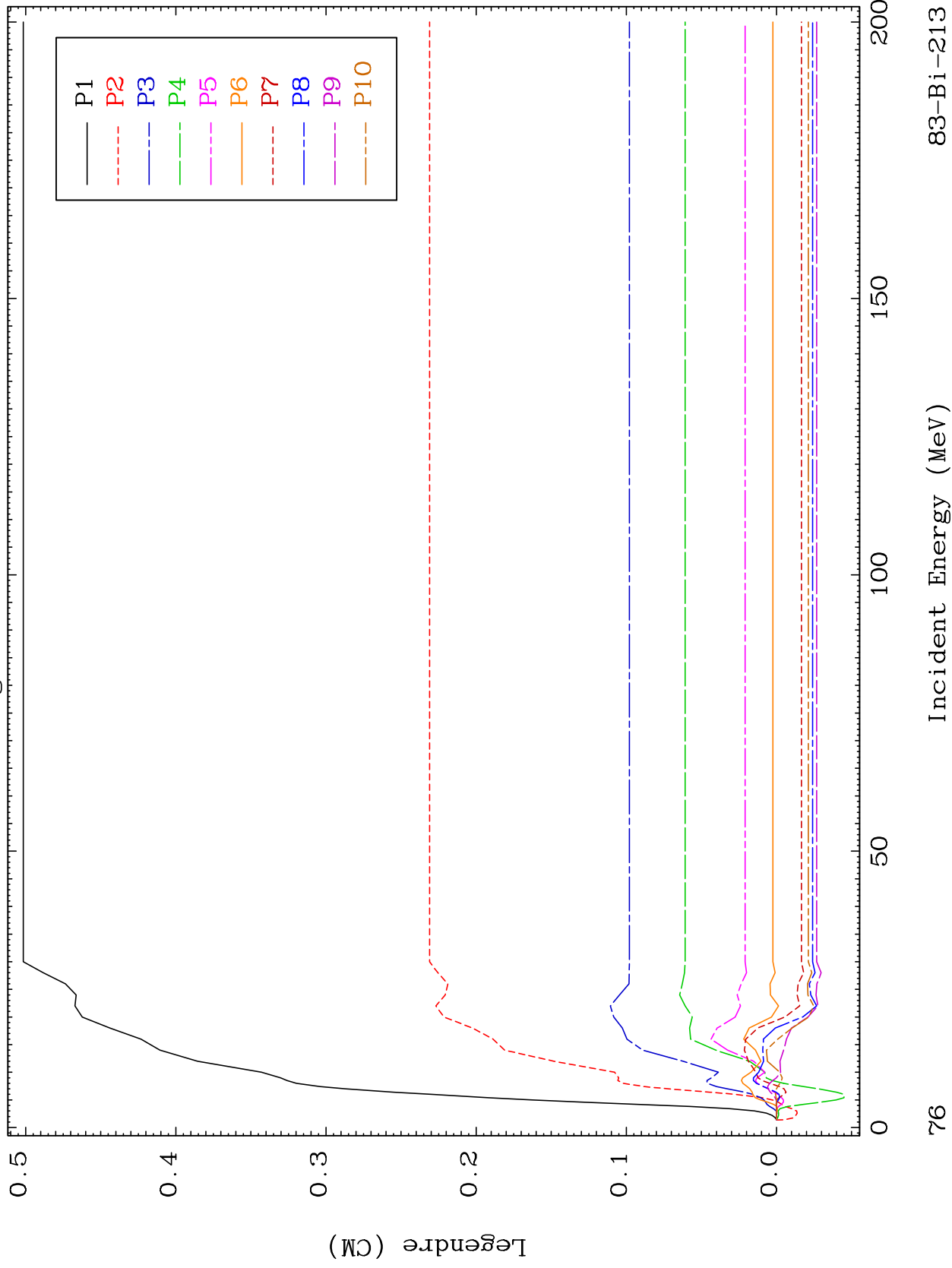
75

MAT 8337

MT= 65 (n,n') Level

83-Bi-213

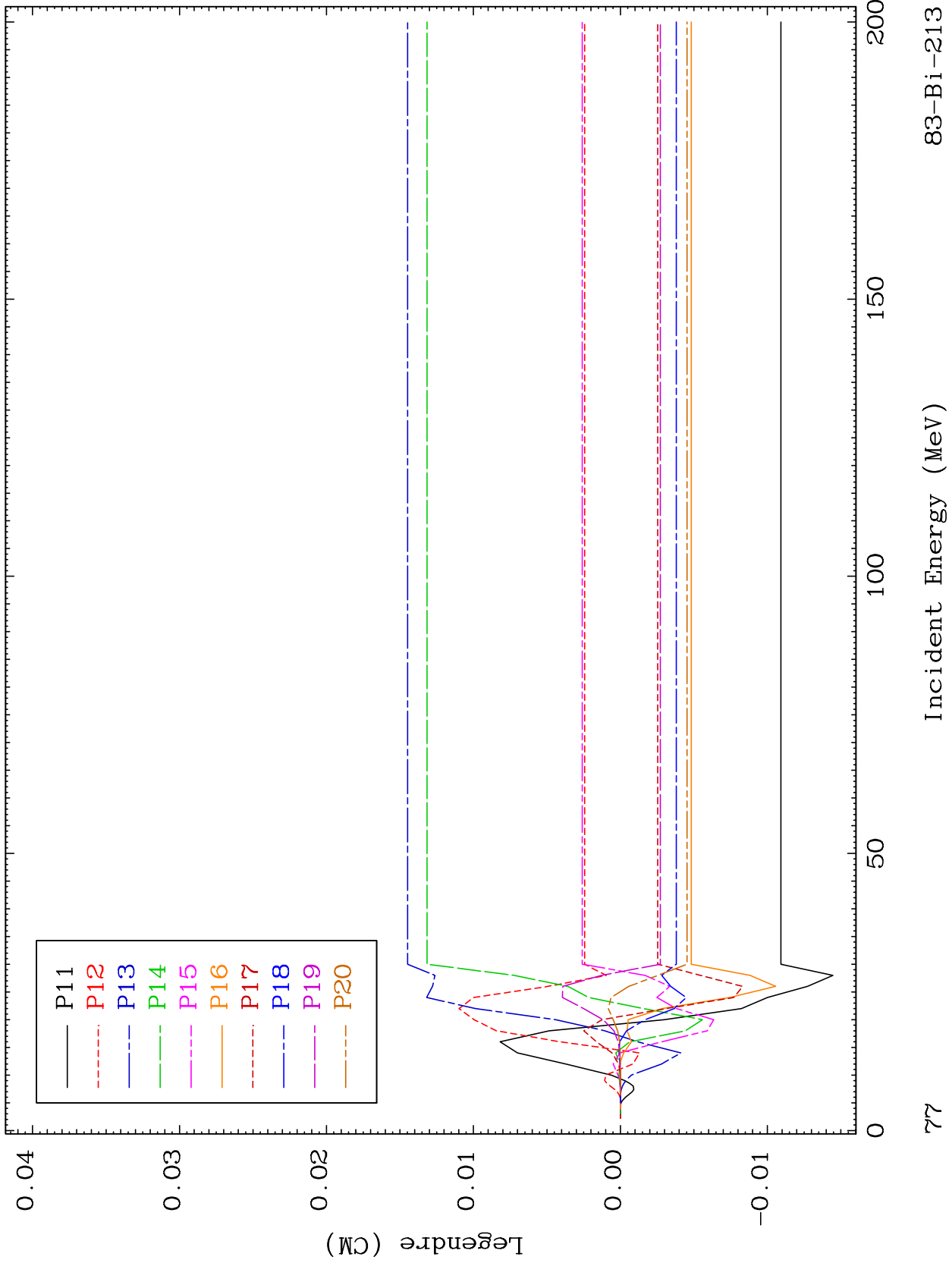
Legendre Coefficients



MAT 8337

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

83-Bi-213



77

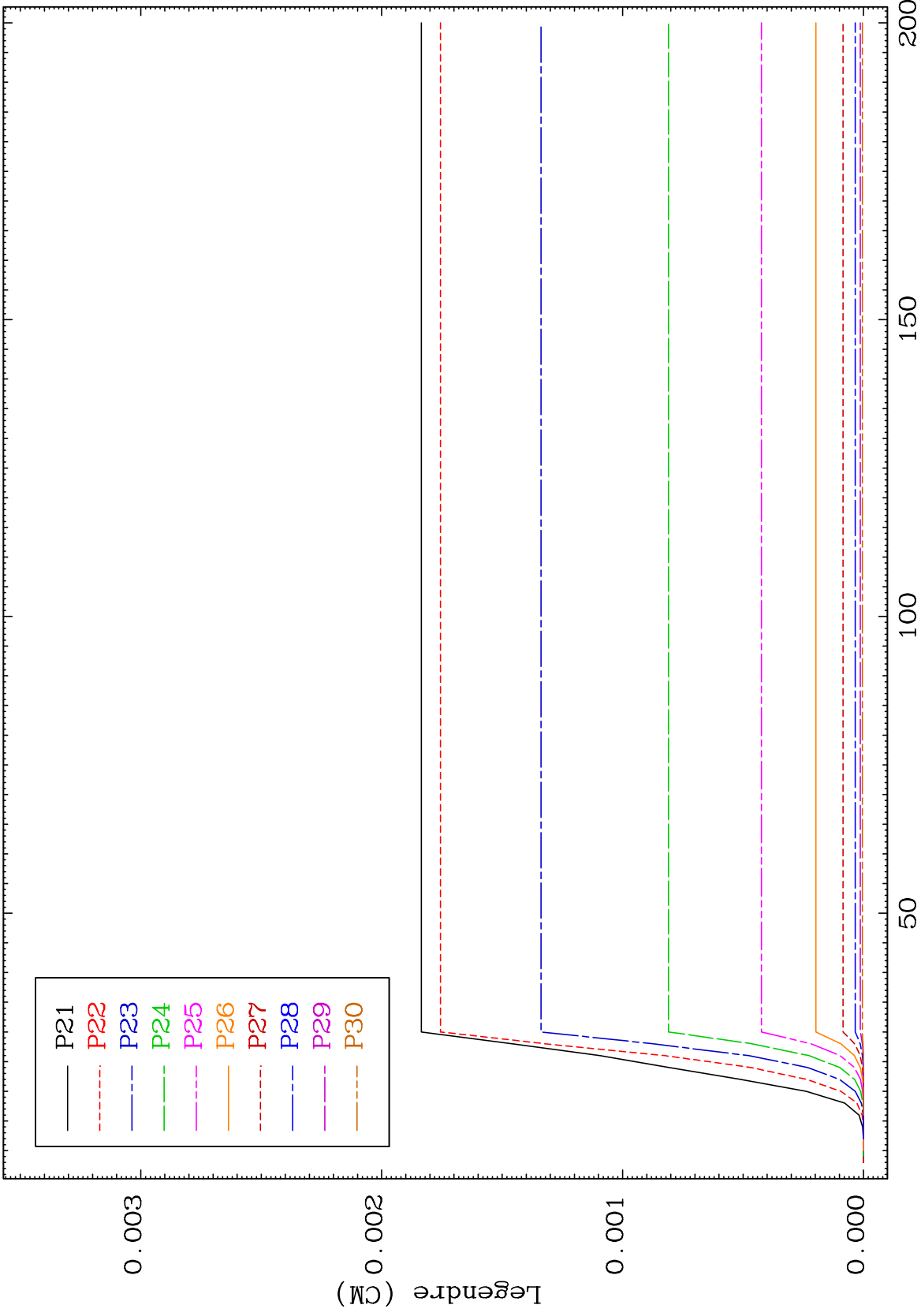
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



78

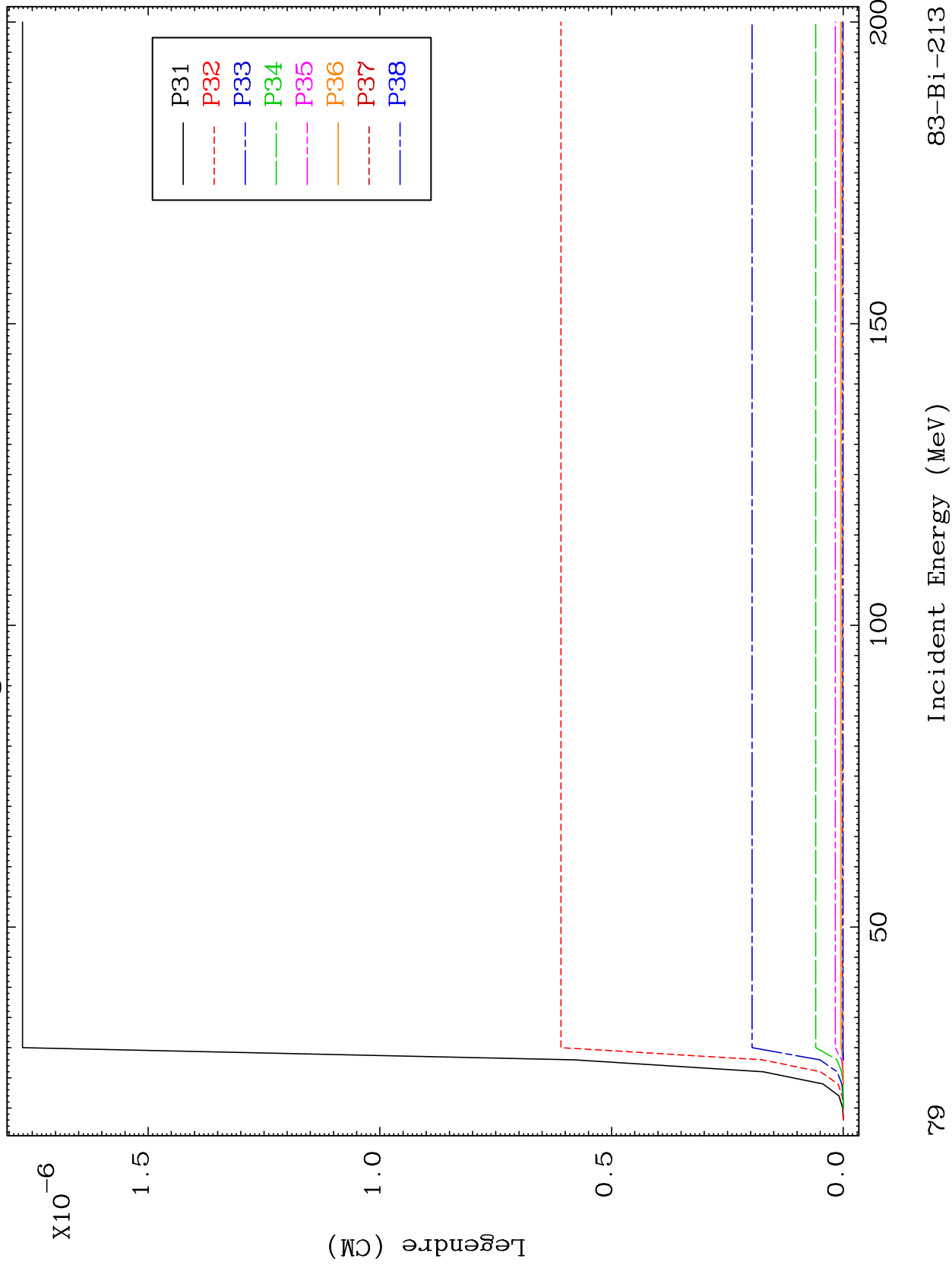
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

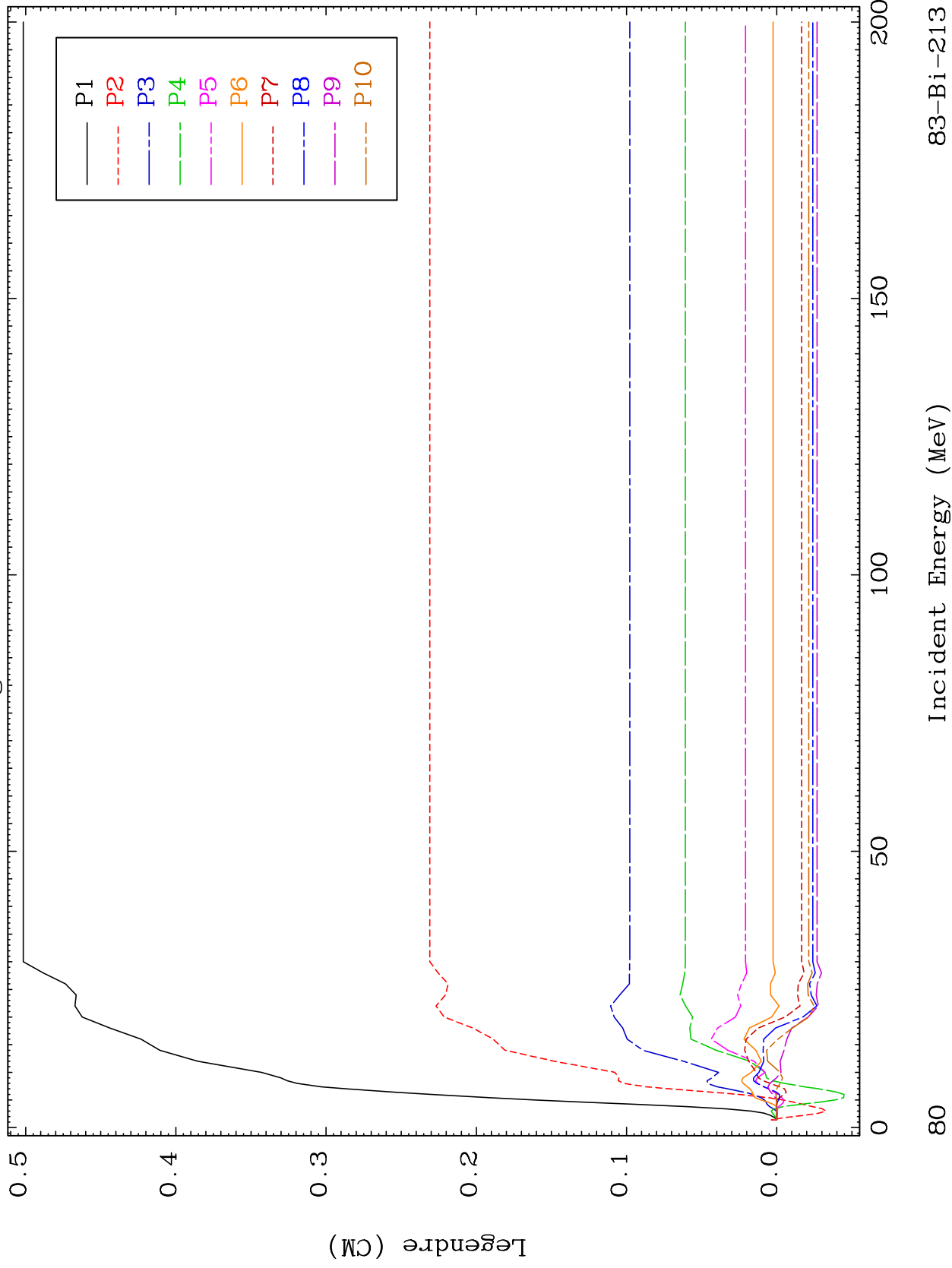




MAT 8337

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

83-Bi-213

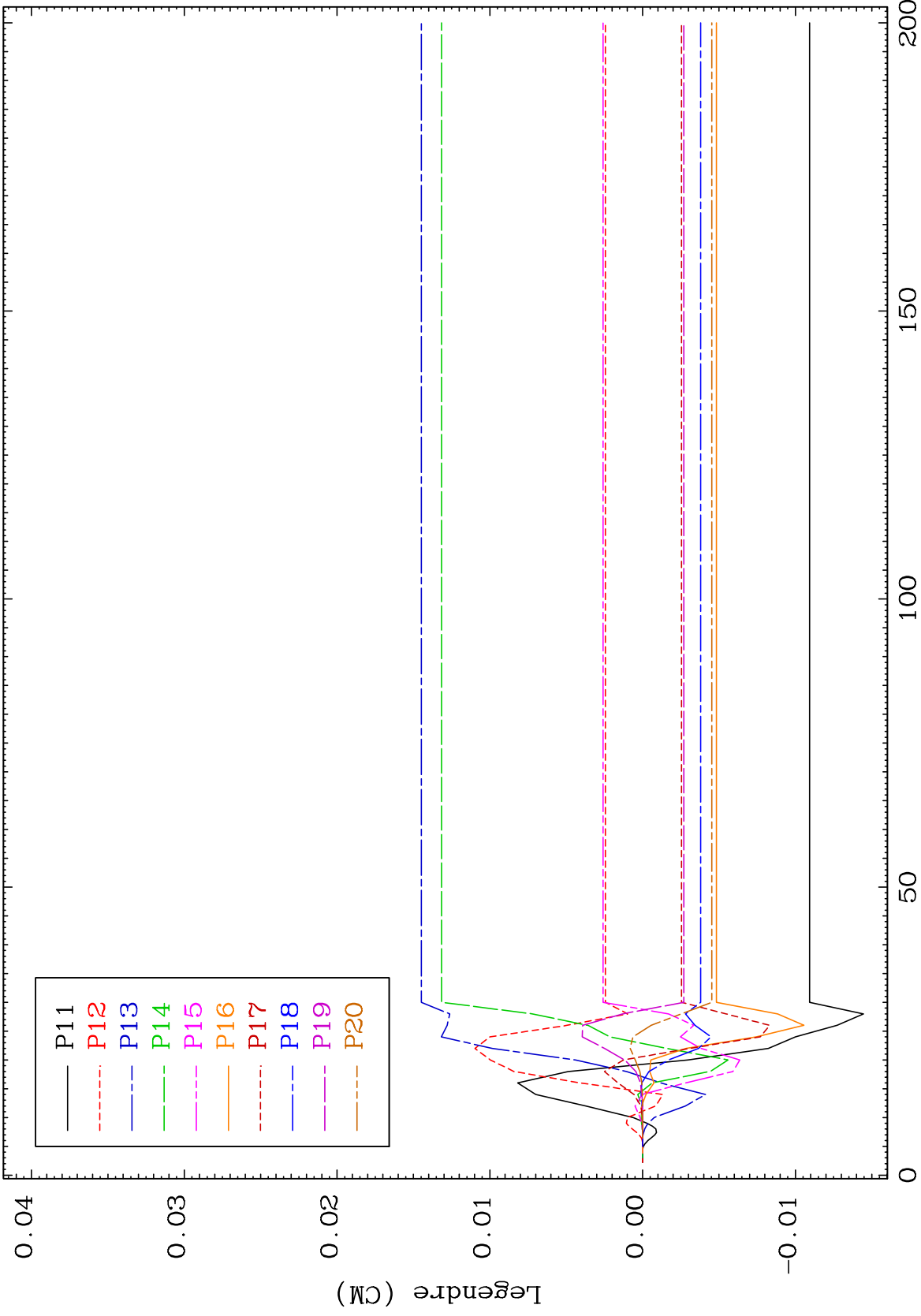


83-Bi-213

MAT 8337

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

83-Bi-213



81

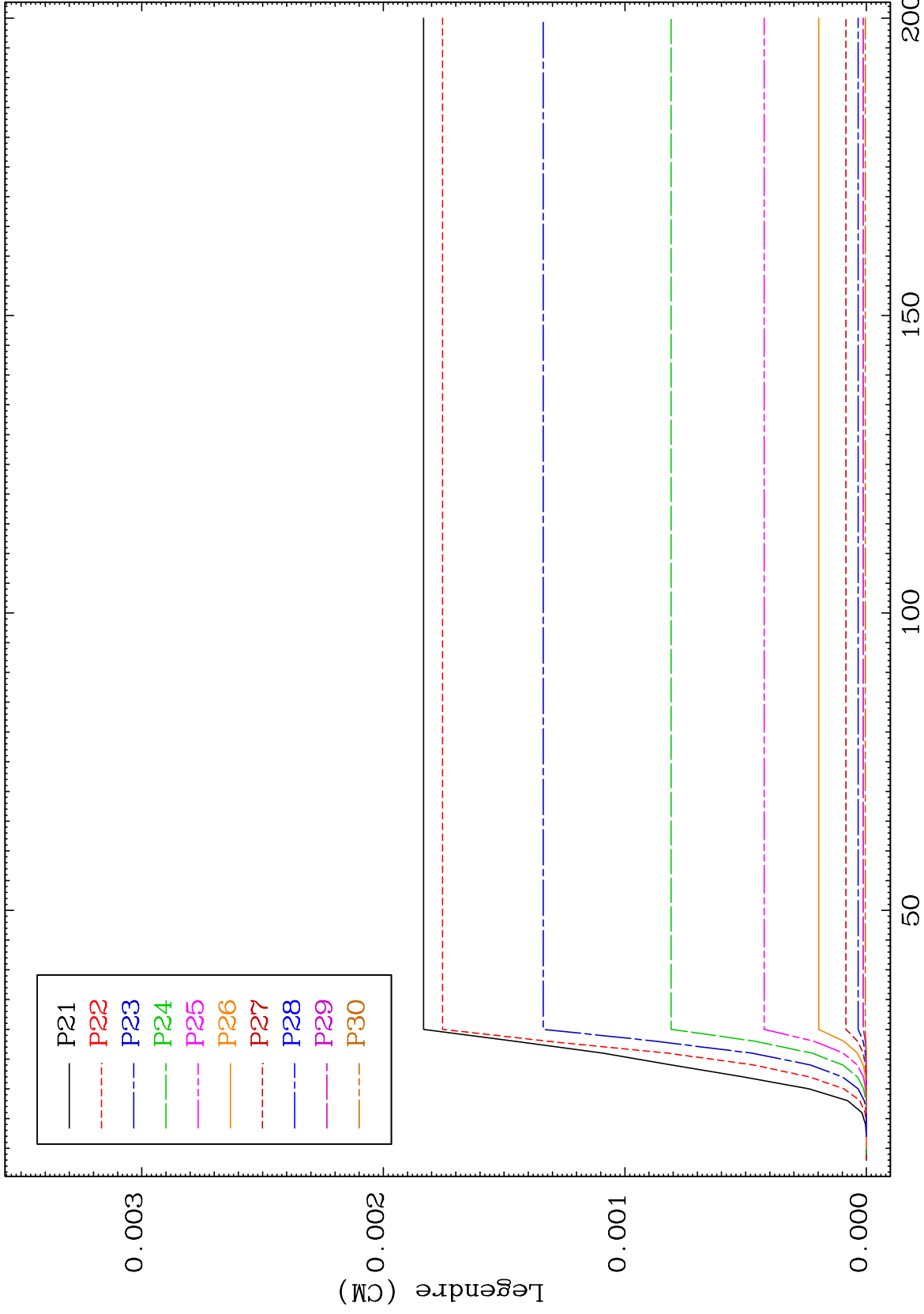
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



82

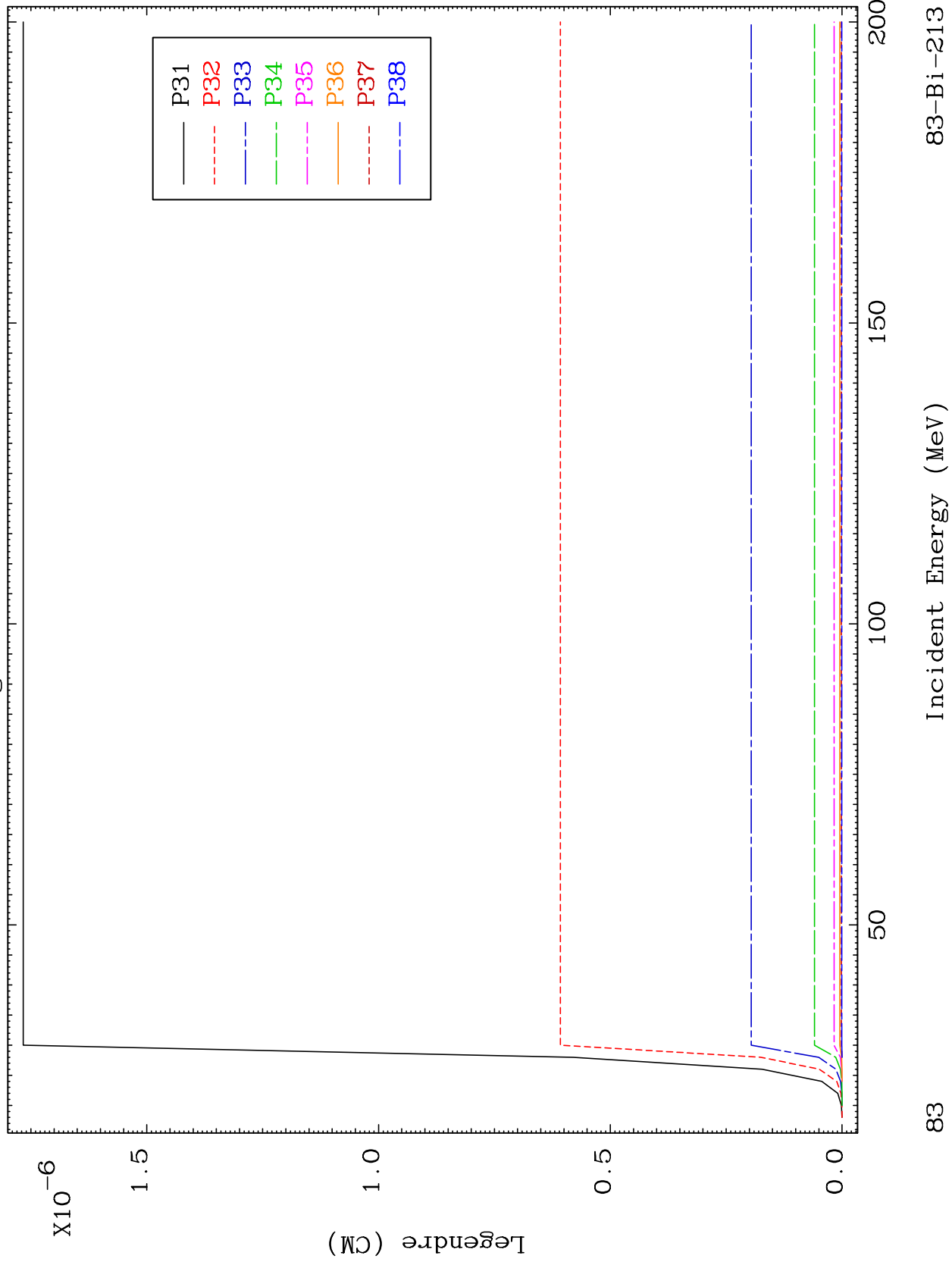
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

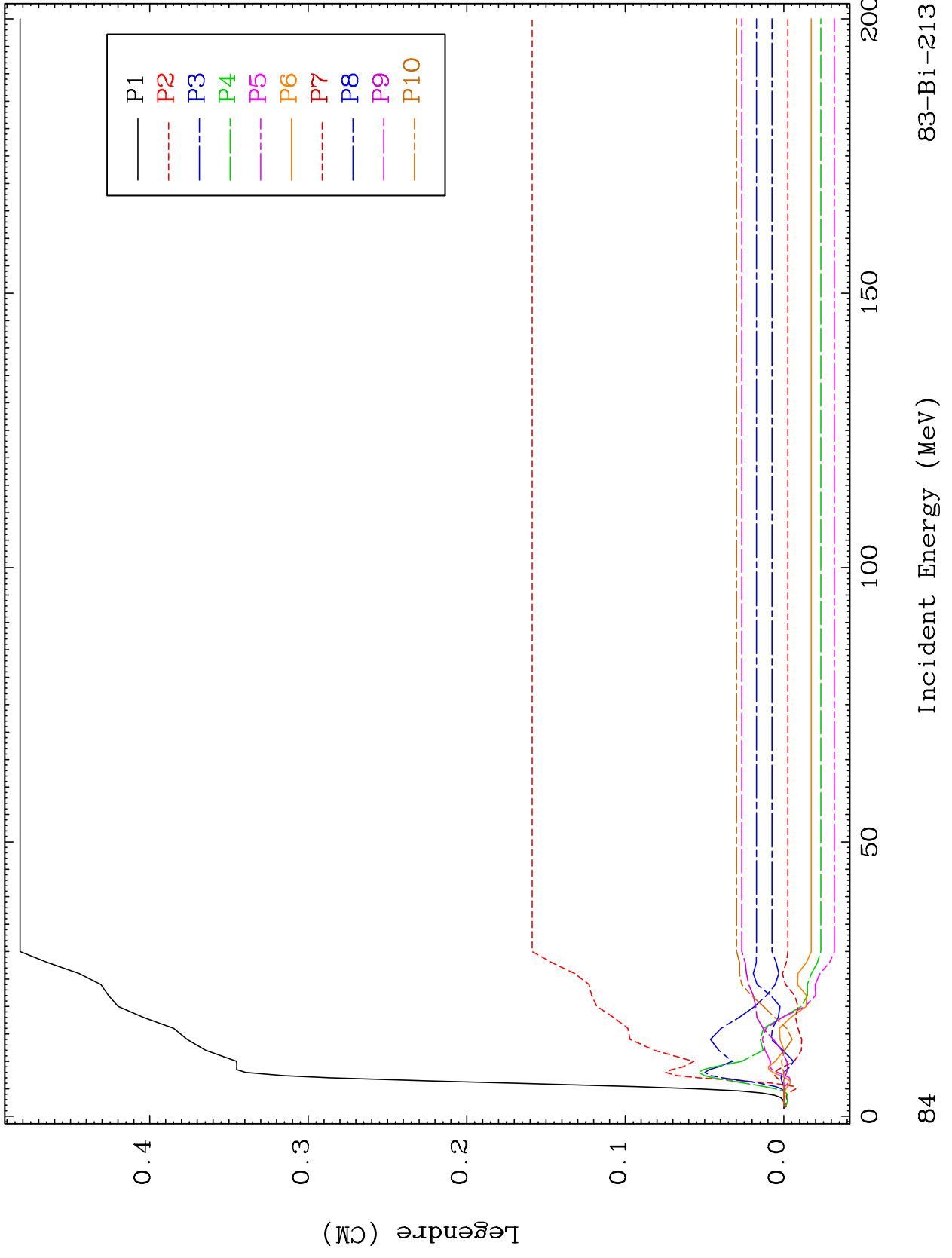
83-Bi-213



MAT 8337

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

83-Bi-213



84

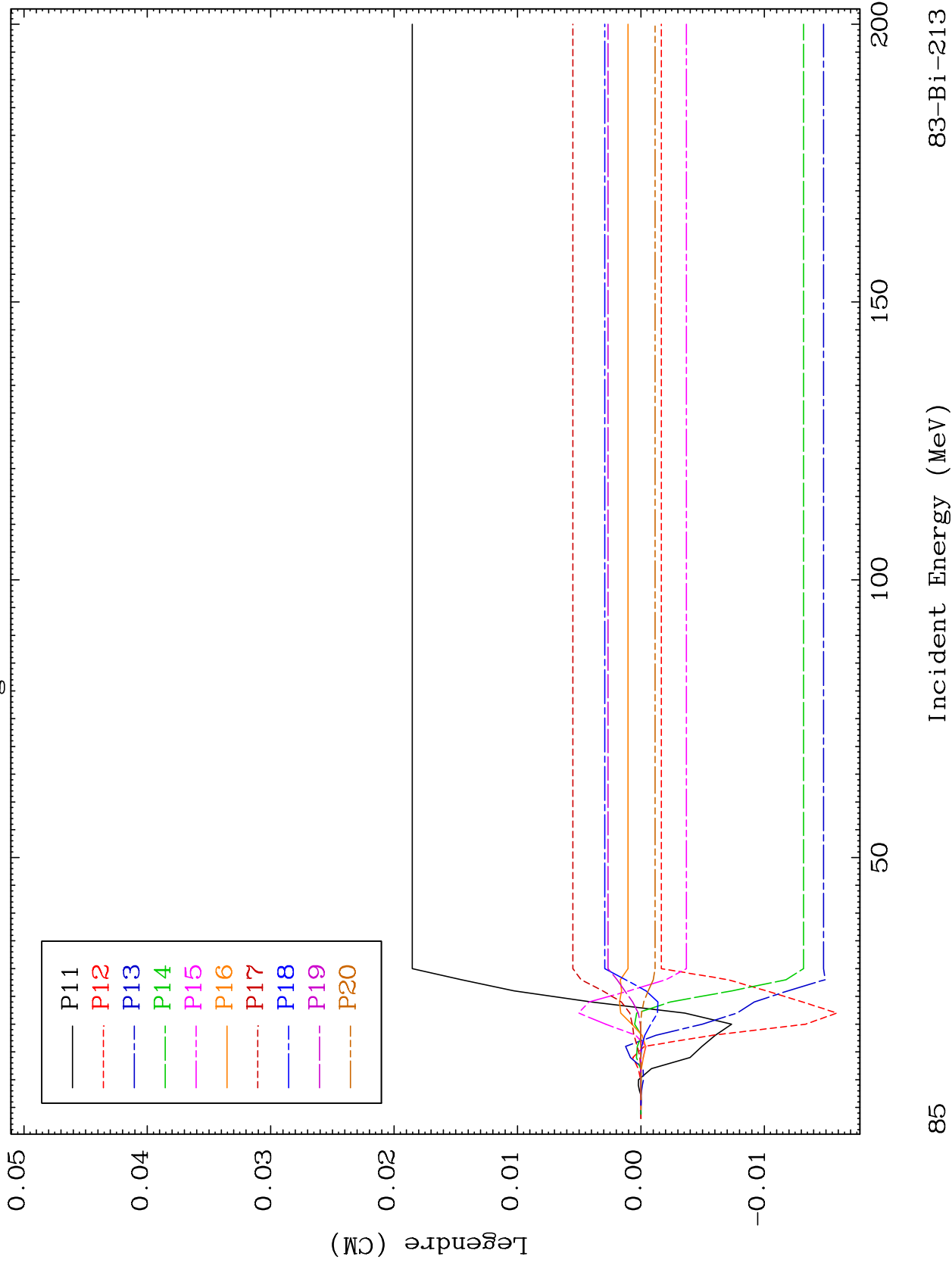
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



85

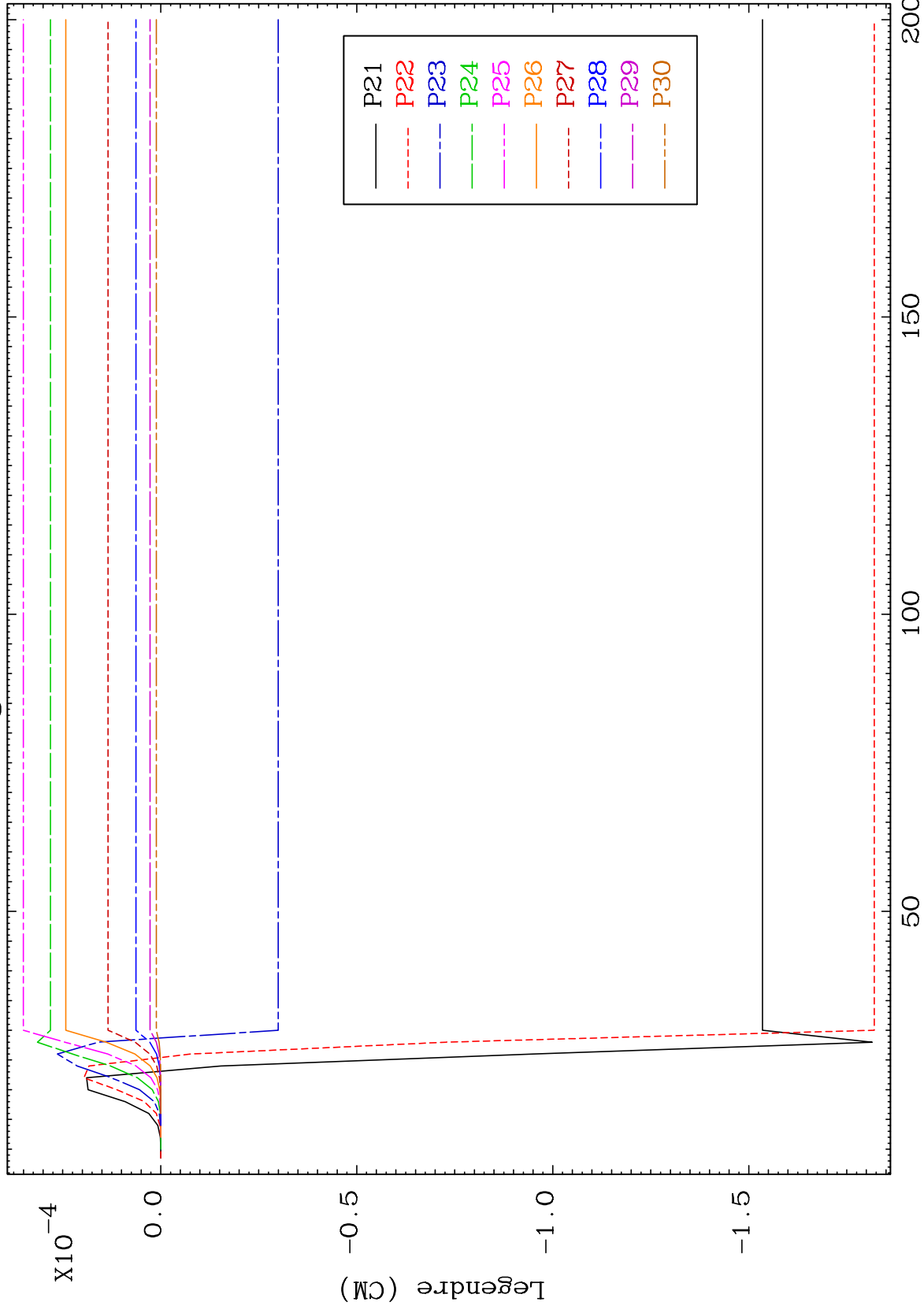
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



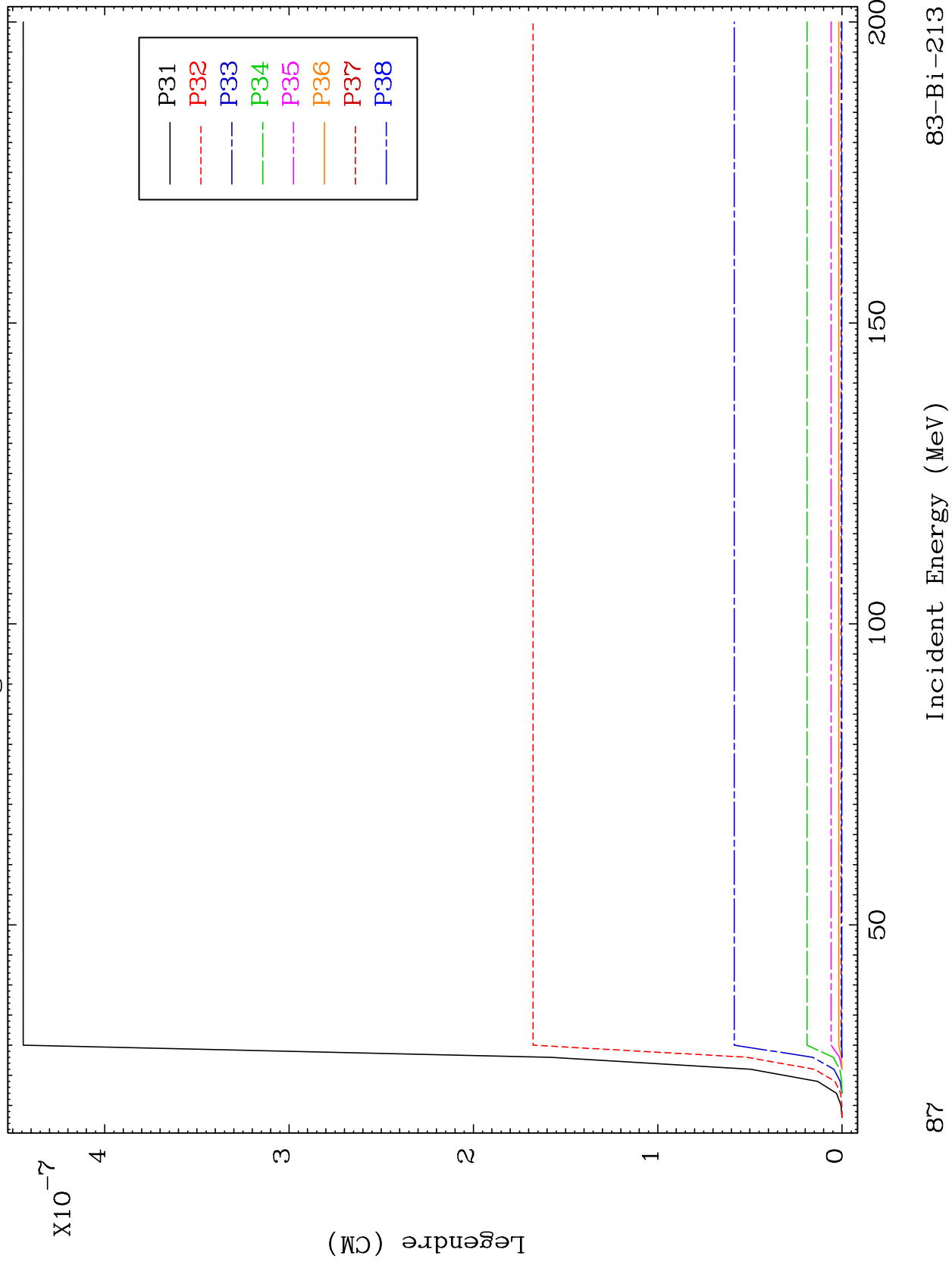
86

83-Bi-213

MAT 8337

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

83-Bi-213

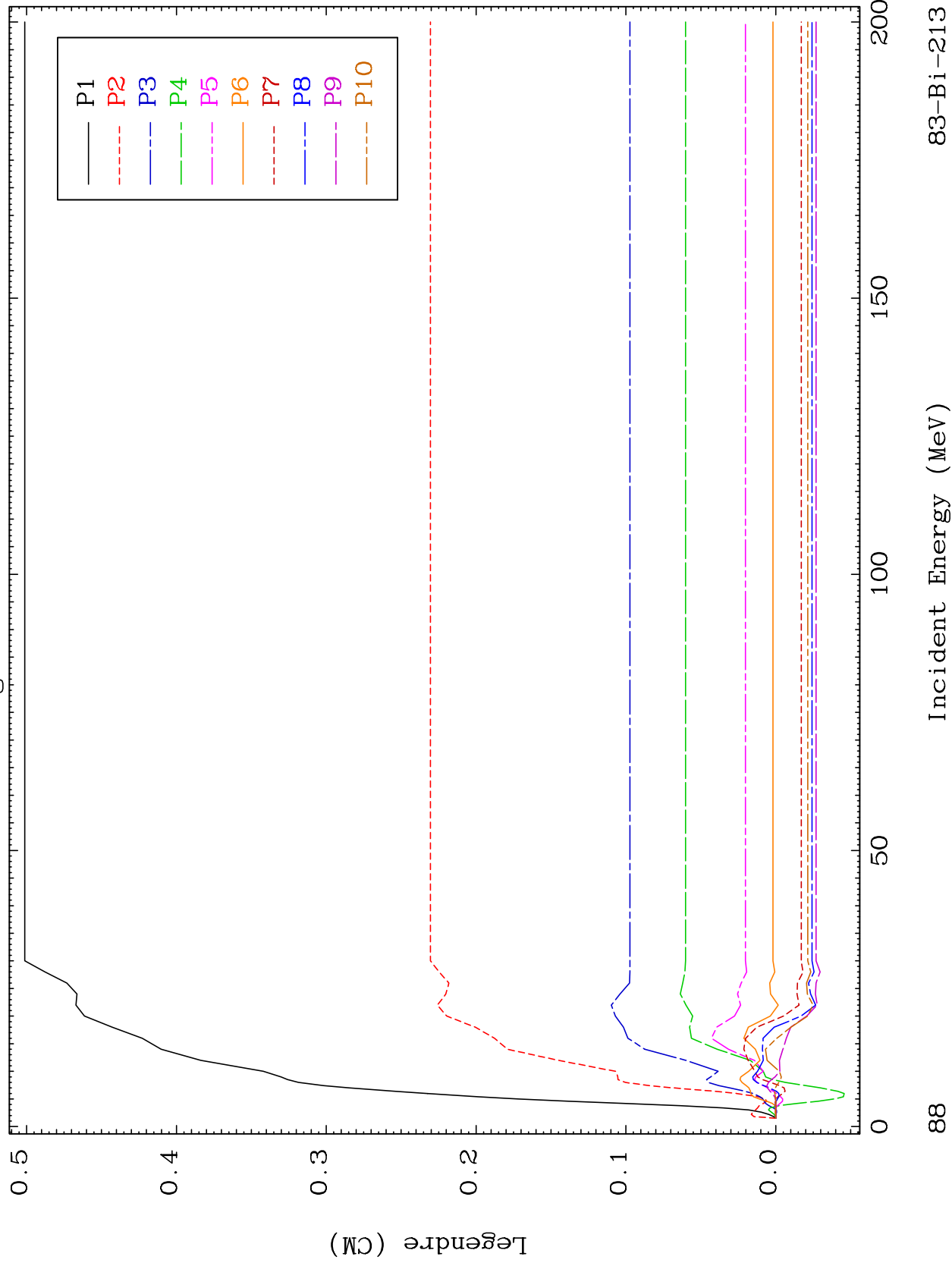




MAT 8337

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

83-Bi-213



83-Bi-213

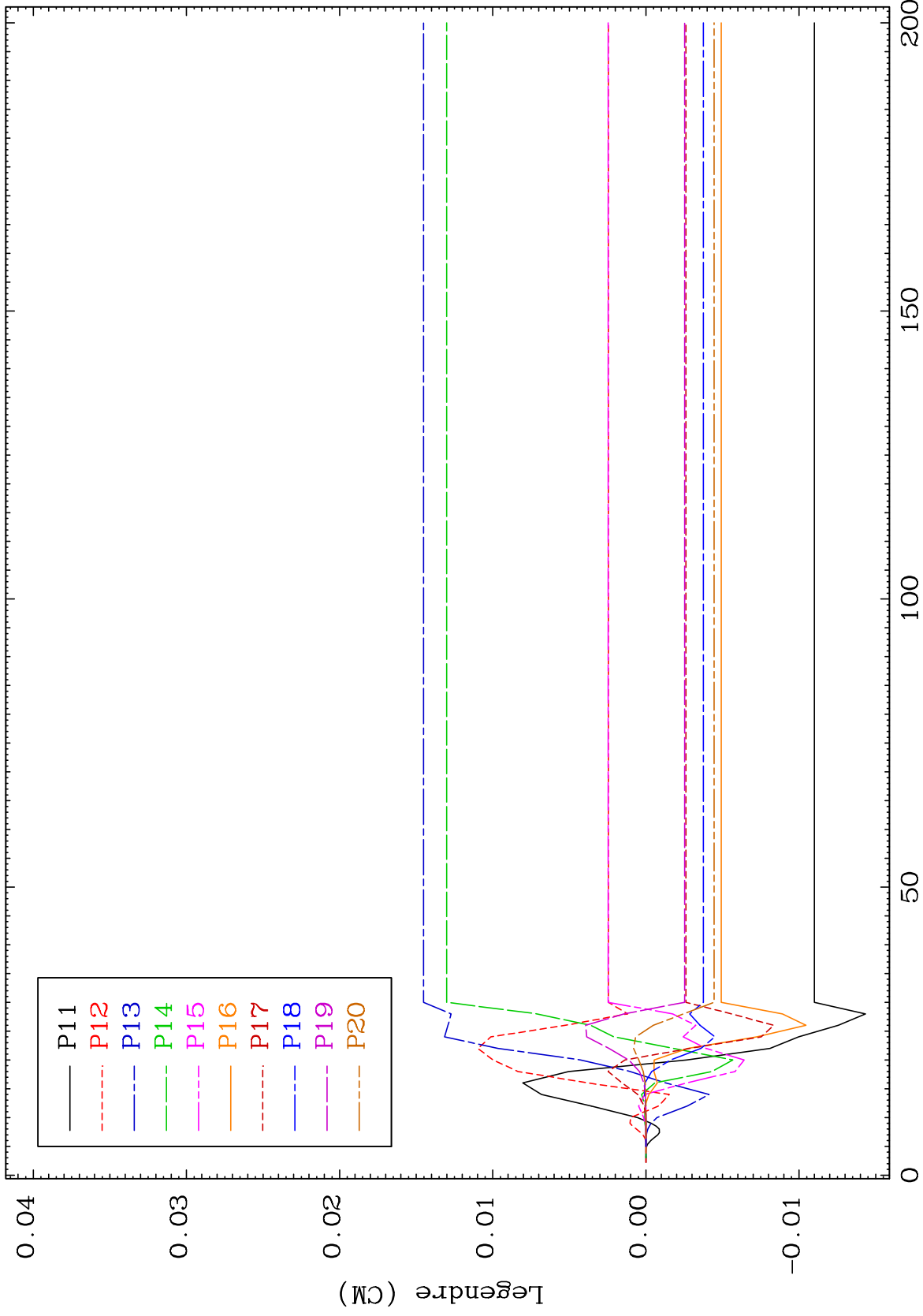
Incident Energy (MeV)

88

MAT 8337

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

83-Bi-213



89

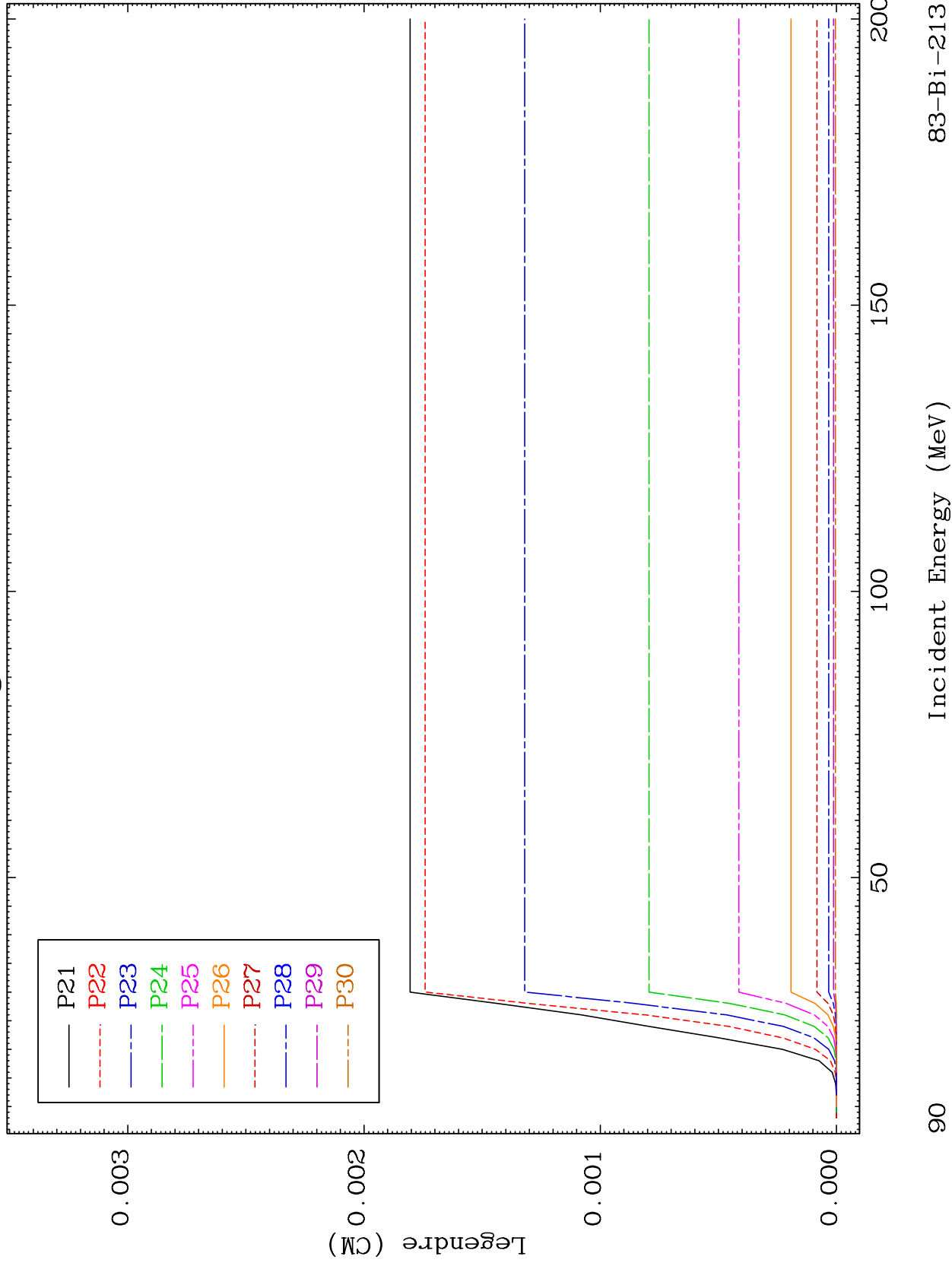
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



83-Bi-213

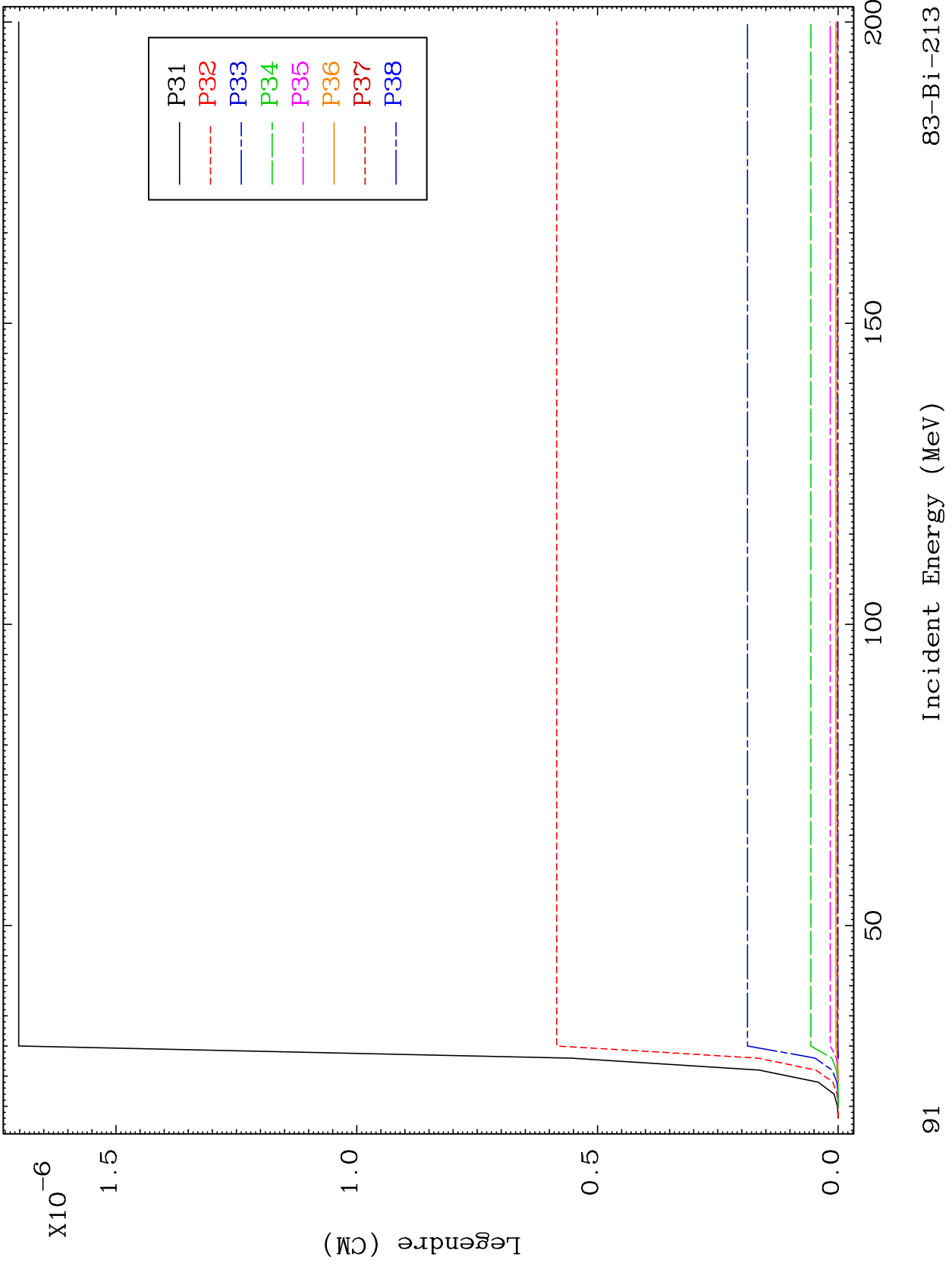
Incident Energy (MeV)

90

MAT 8337

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

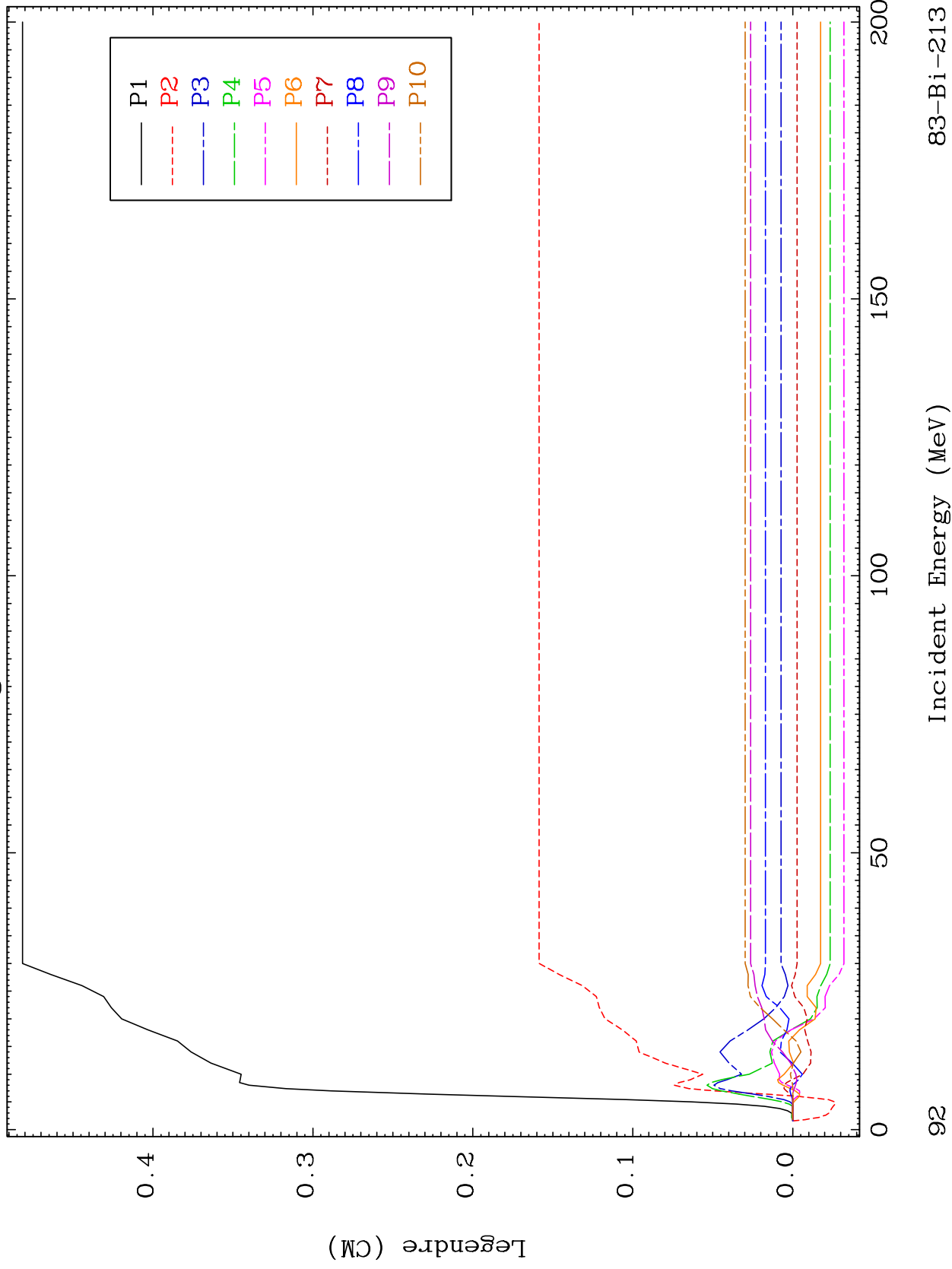
83-Bi-213



MAT 8337

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

83-Bi-213



83-Bi-213

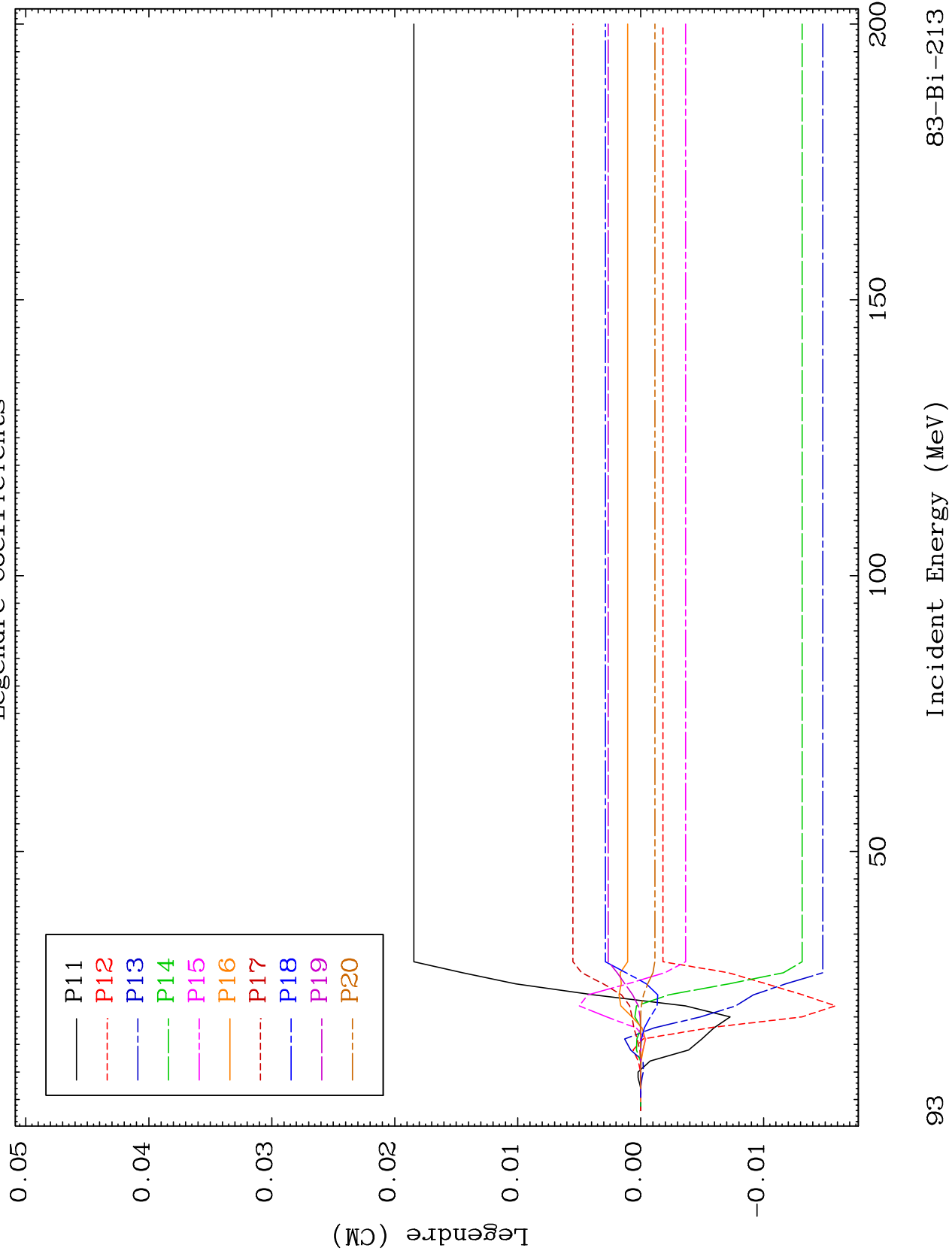
Incident Energy (MeV)

92

MAT 8337

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

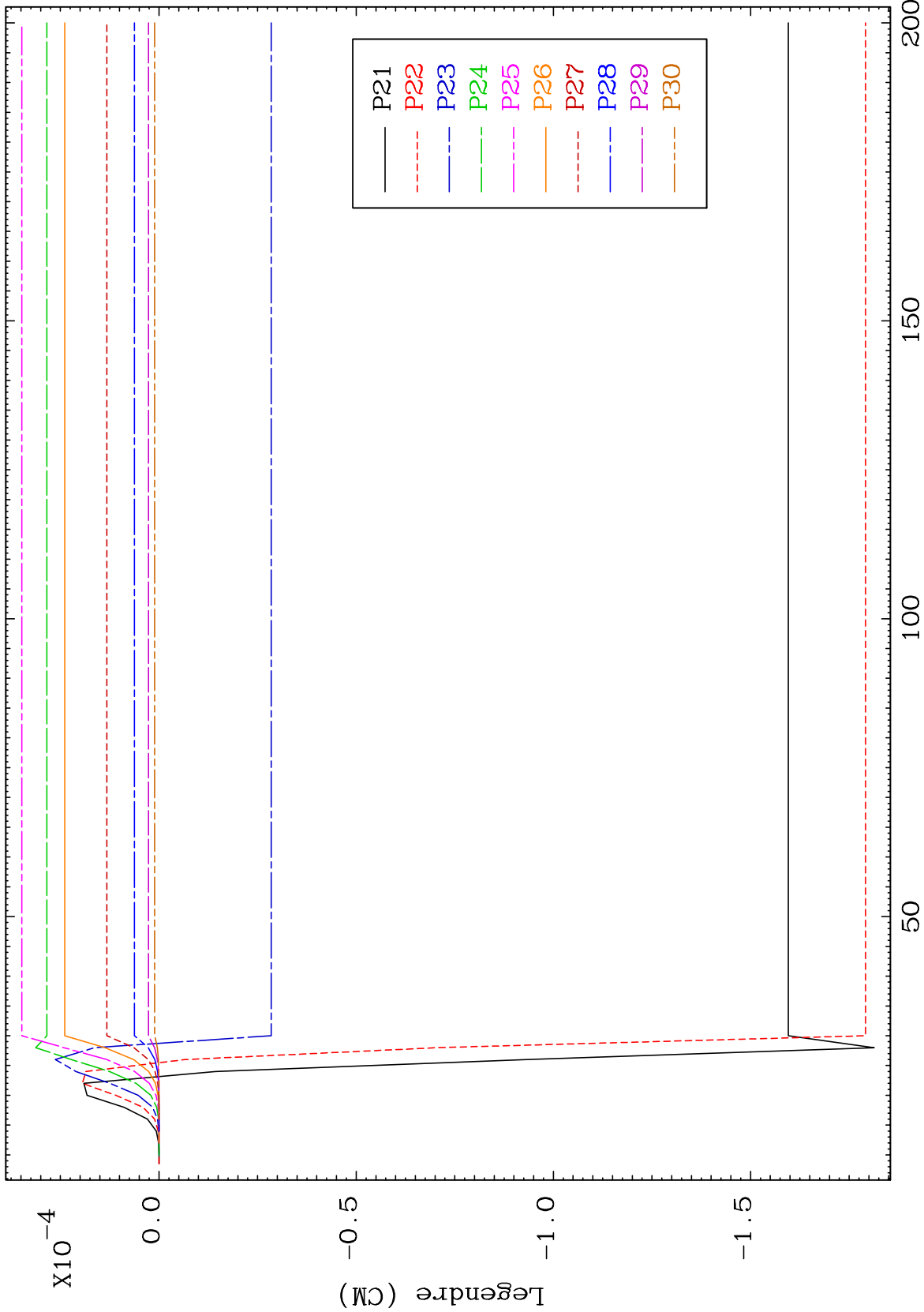
83-Bi-213



93

Incident Energy (MeV)

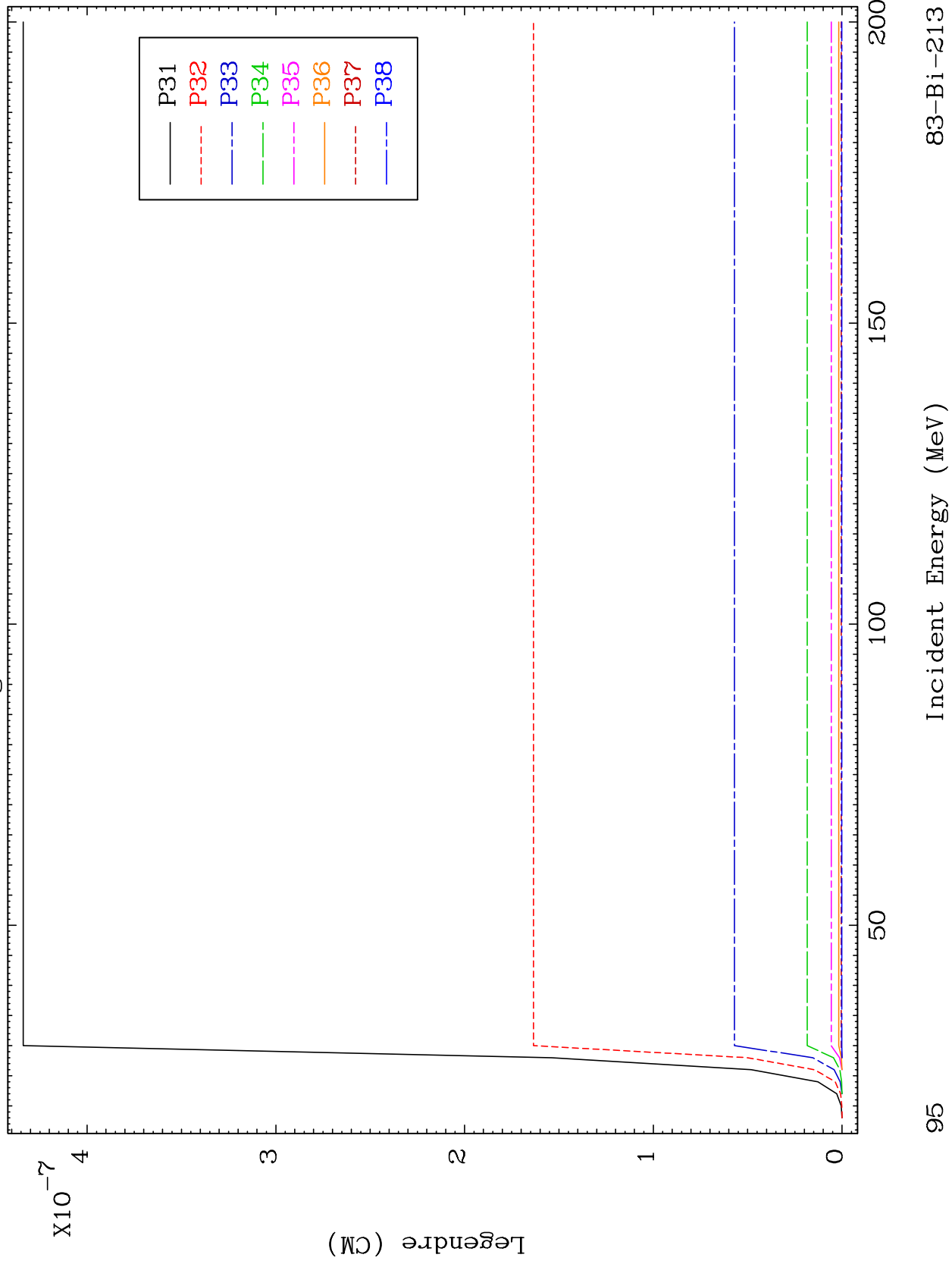
83-Bi-213



MAT 8337

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

83-Bi-213



95

Incident Energy (MeV)

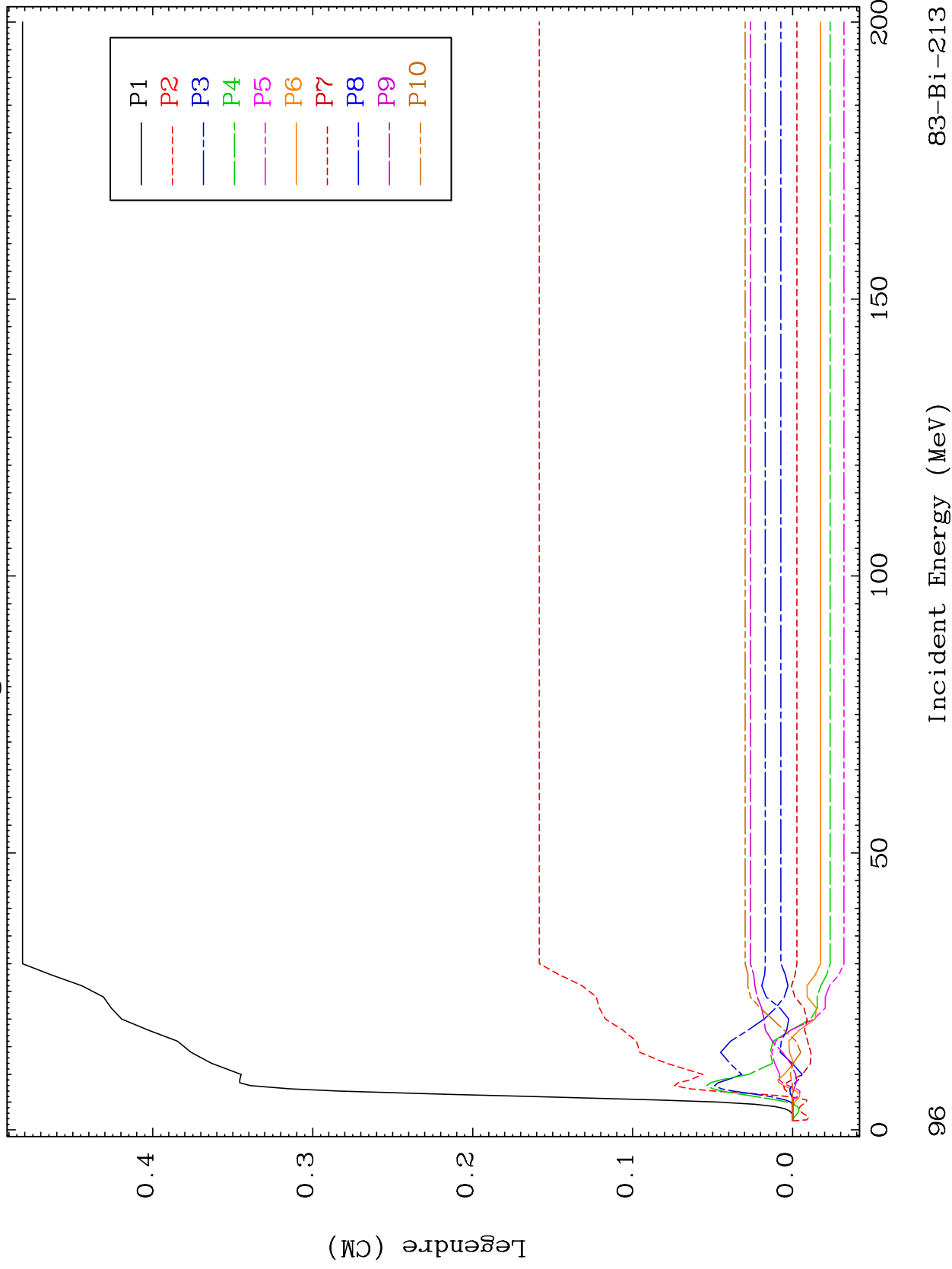
83-Bi-213



MAT 8337

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

83-Bi-213



96

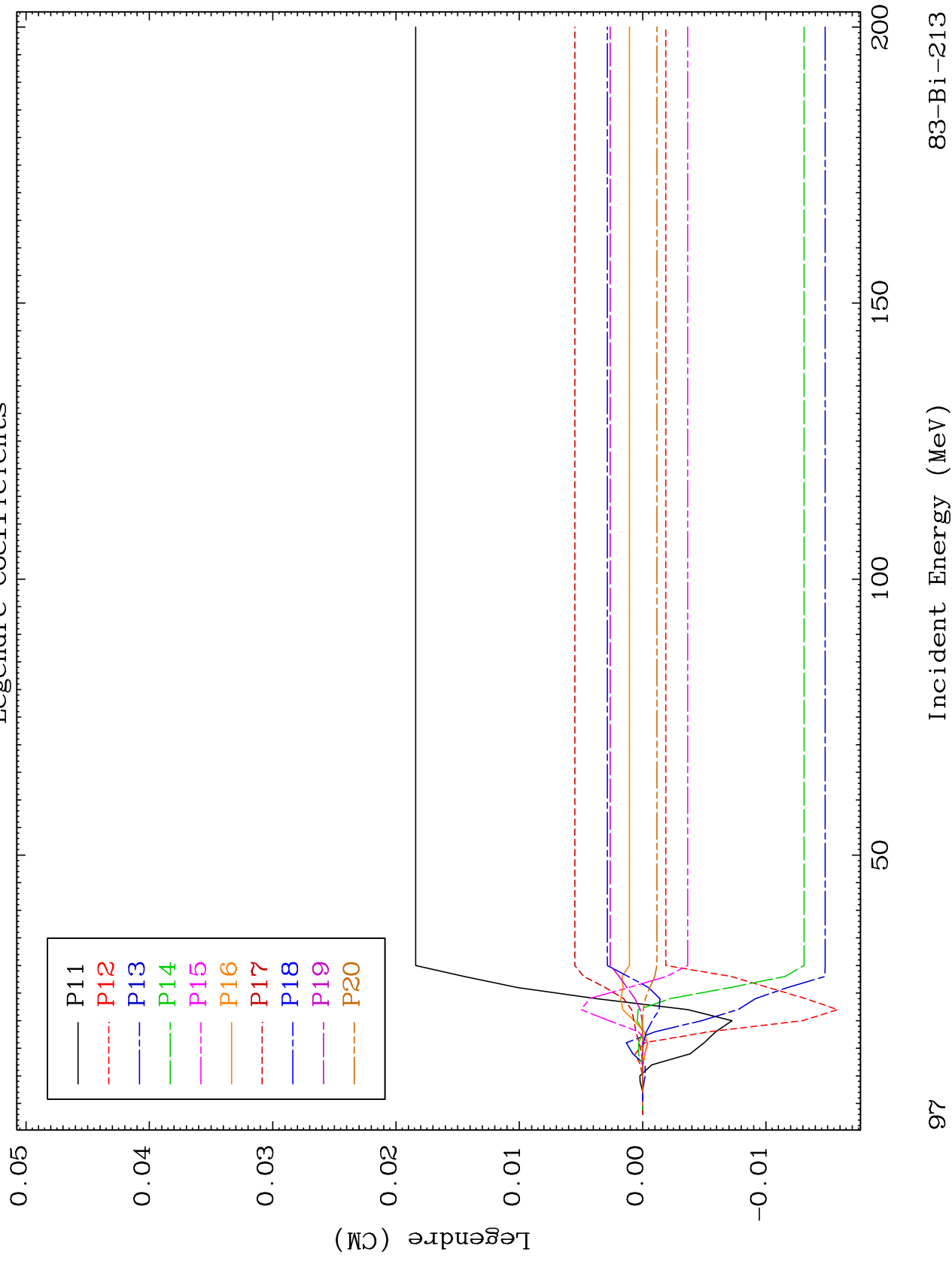
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



97

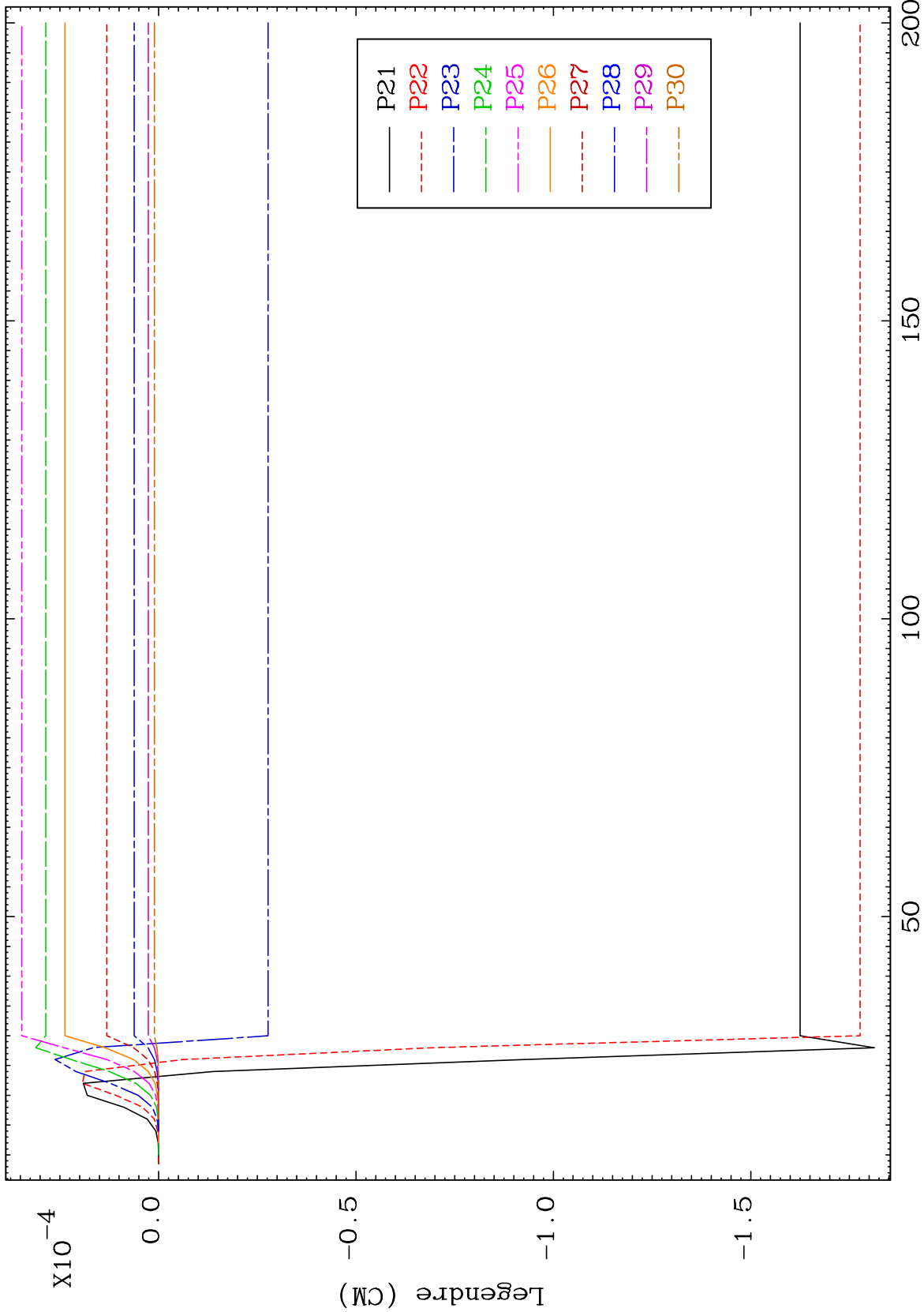
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213



98

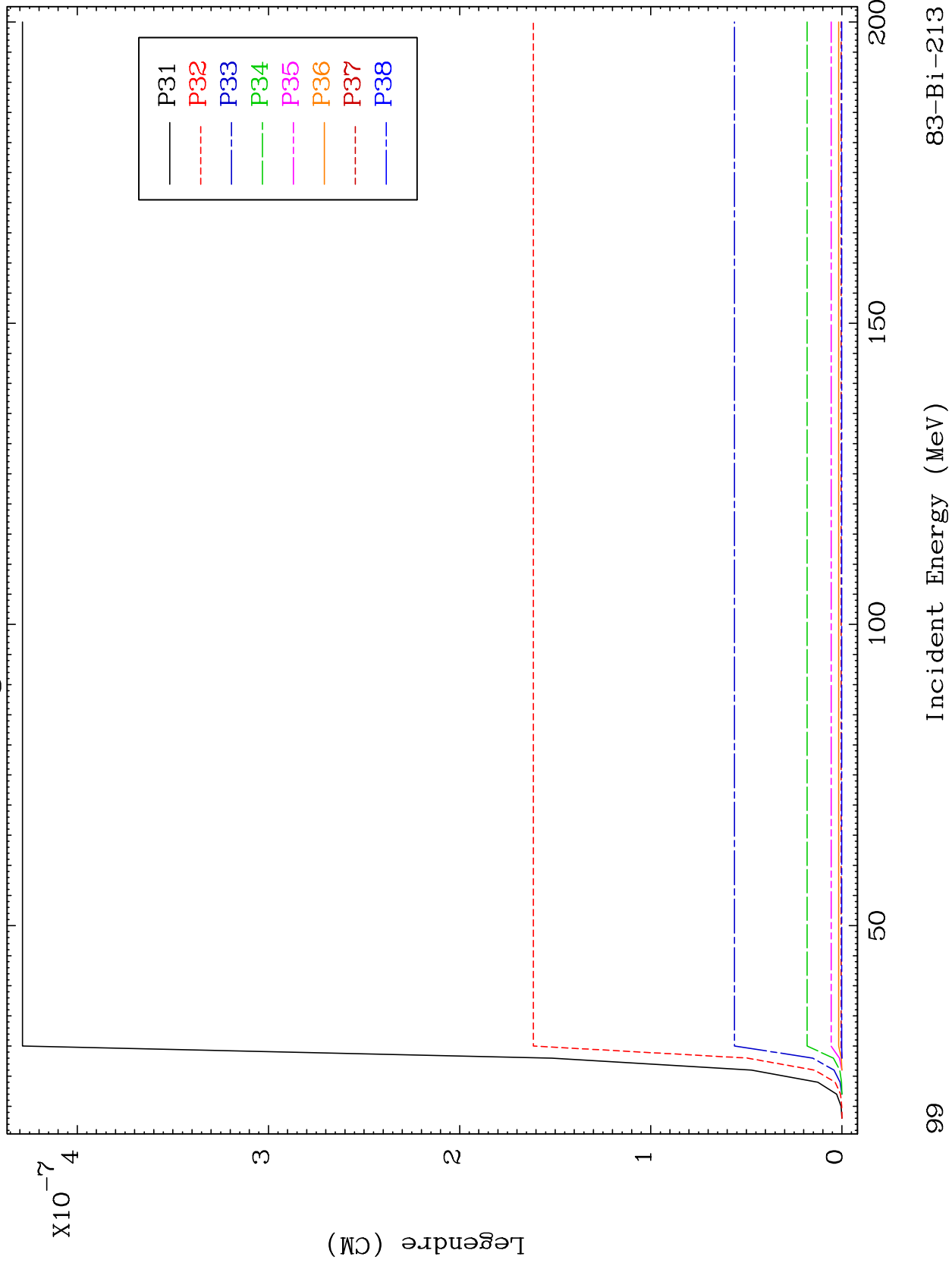
Incident Energy (MeV)

83-Bi-213

MAT 8337

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

83-Bi-213

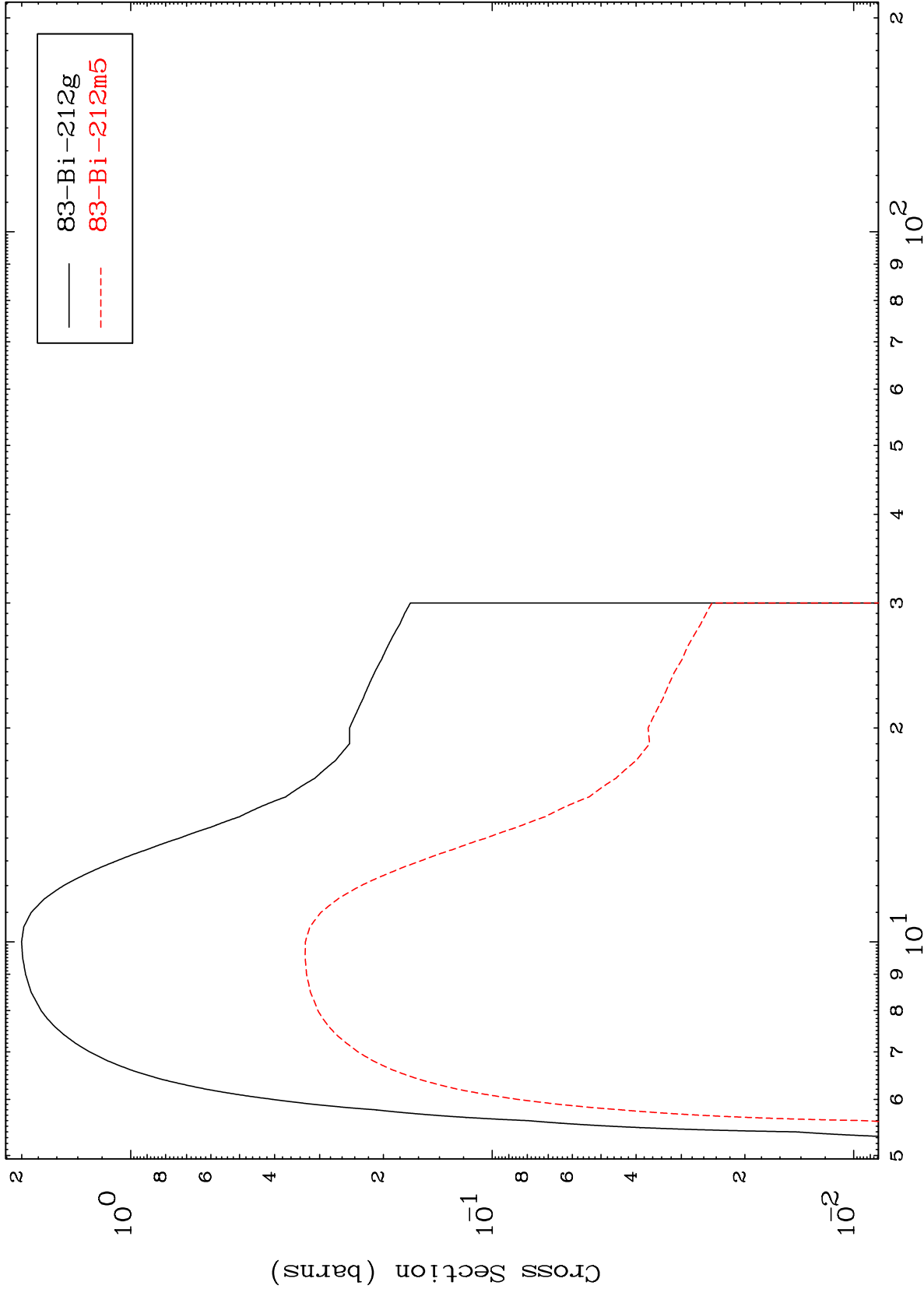


MAT 8337

(n,2n)

83-Bi-213

Radionuclide Production Cross Section



100

Incident Energy (MeV)

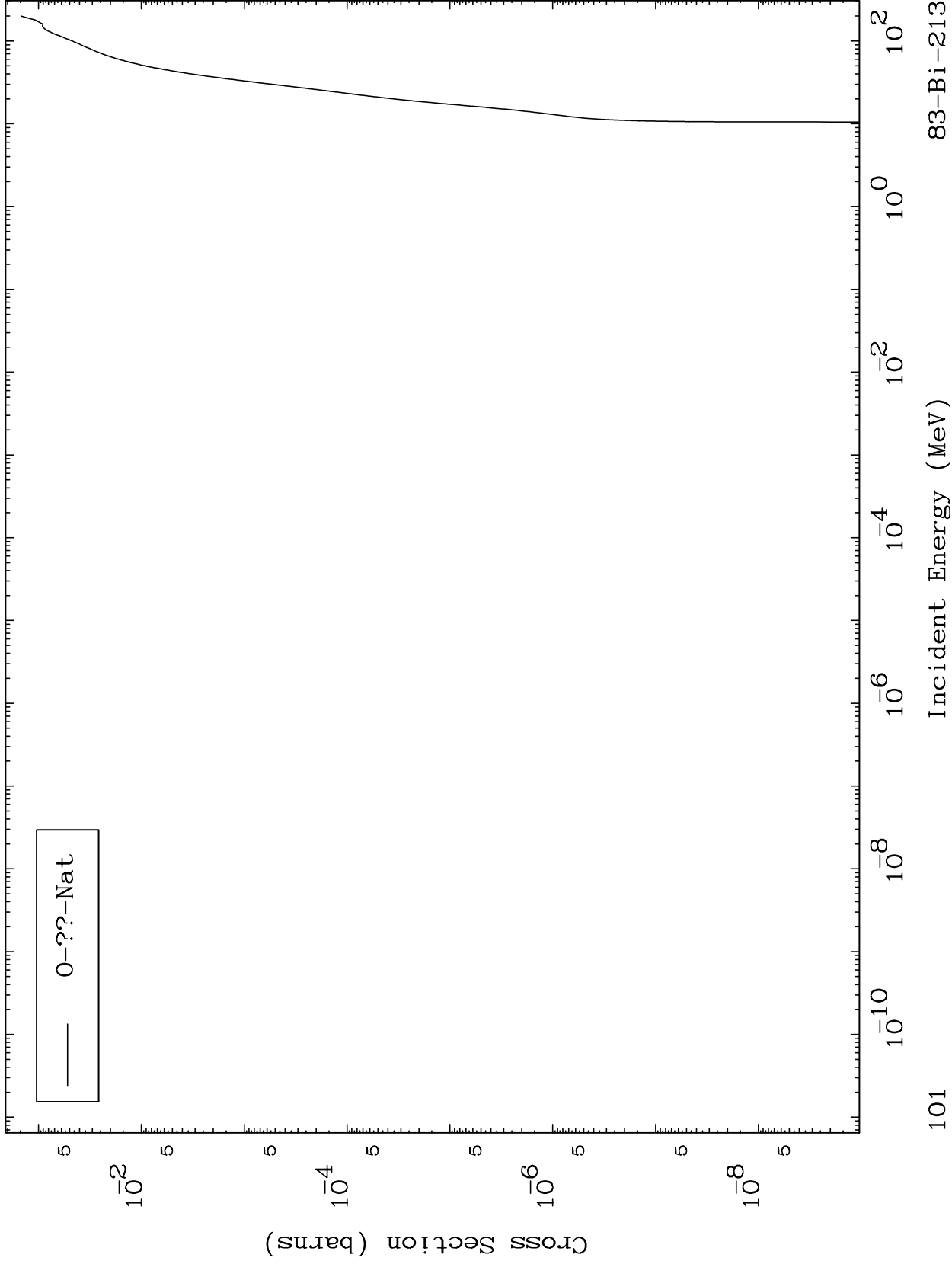
83-Bi-213

MAT 8337

Fission

83-Bi-213

Radionuclide Production Cross Section



101

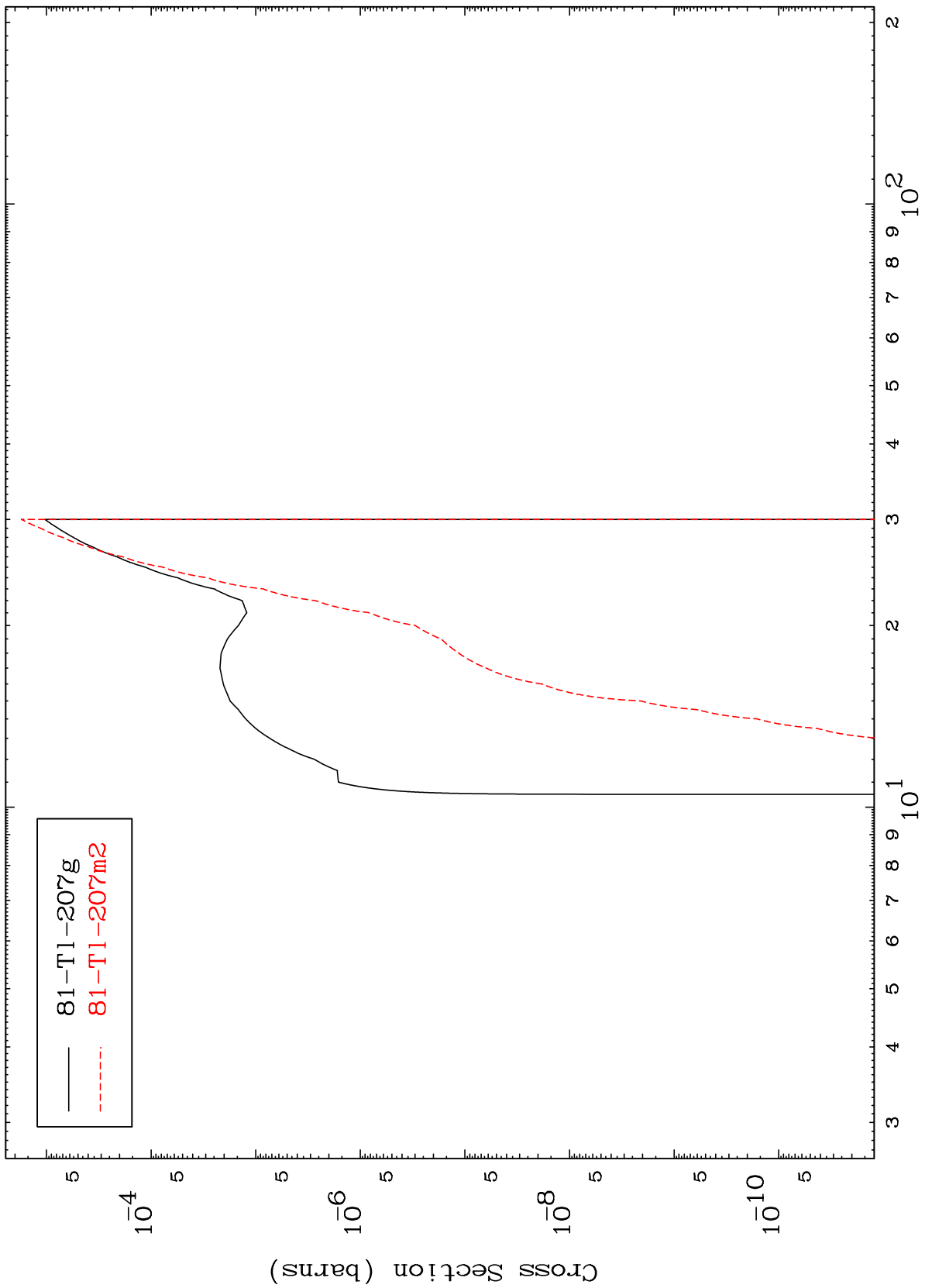
83-Bi-213

MAT 8337

$(n,3n) \alpha$

83-Bi-213

Radionuclide Production Cross Section



102

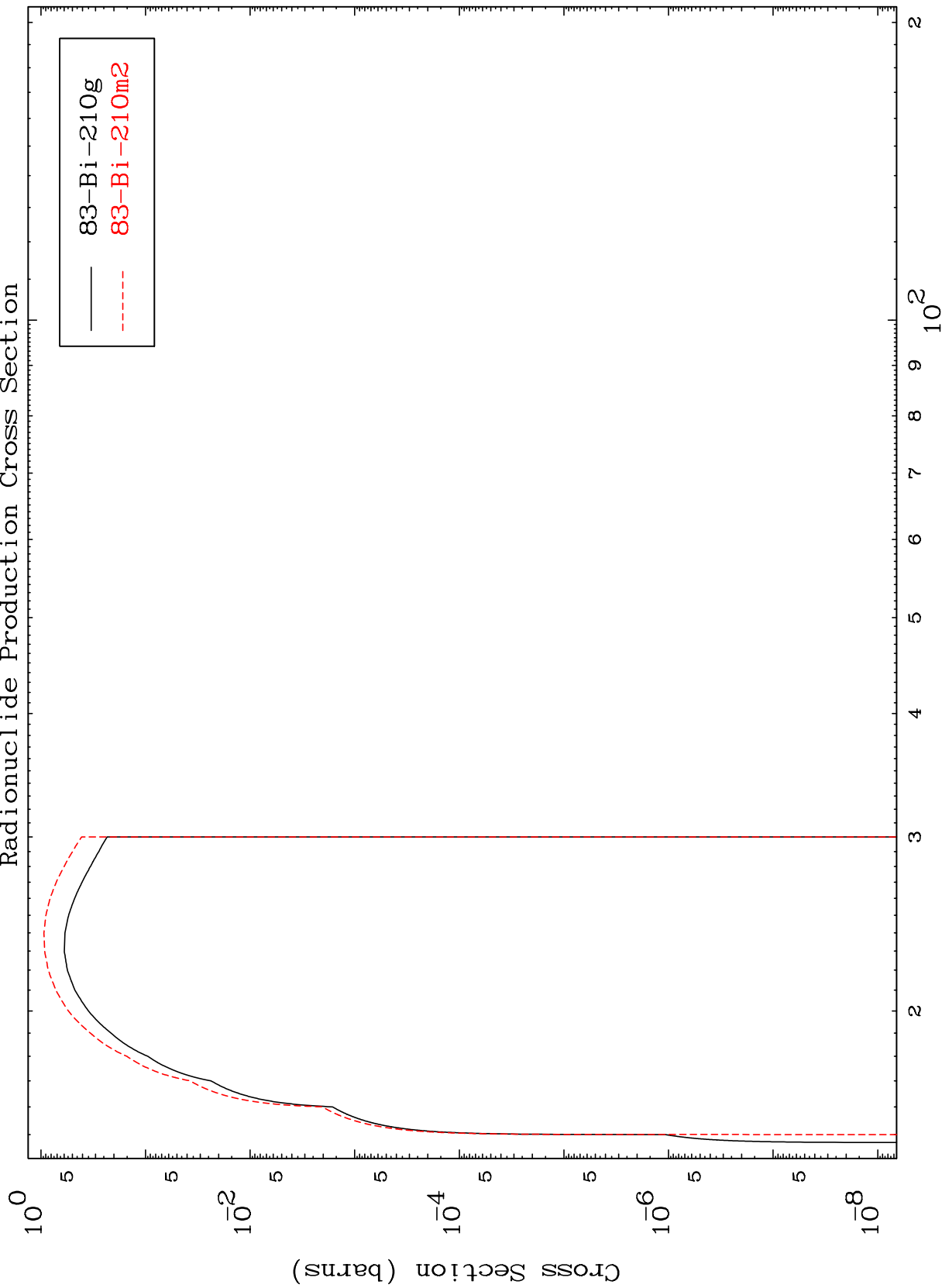
Incident Energy (MeV)

83-Bi-213

MAT 8337

83-Bi-213

(n,4n)  
Radionuclide Production Cross Section



103

Incident Energy (MeV)

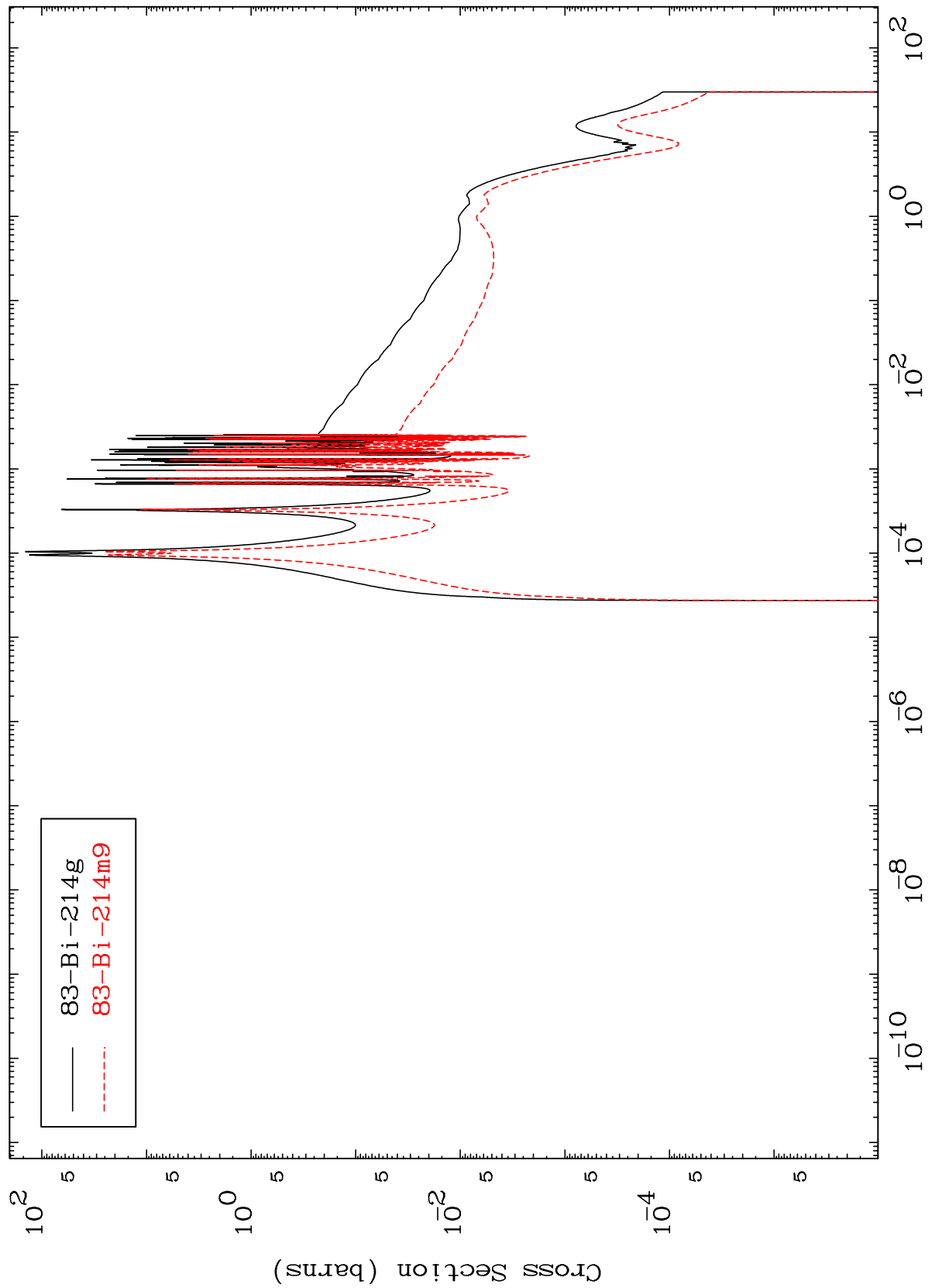
83-Bi-213



MAT 8337

83-Bi-213

(n,γ)  
Radionuclide Production Cross Section



— 83-Bi-214g  
- - - 83-Bi-214m9

83-Bi-213

Incident Energy (MeV)

104