

Program EVALPLOT  
(Version 2017-1)

by

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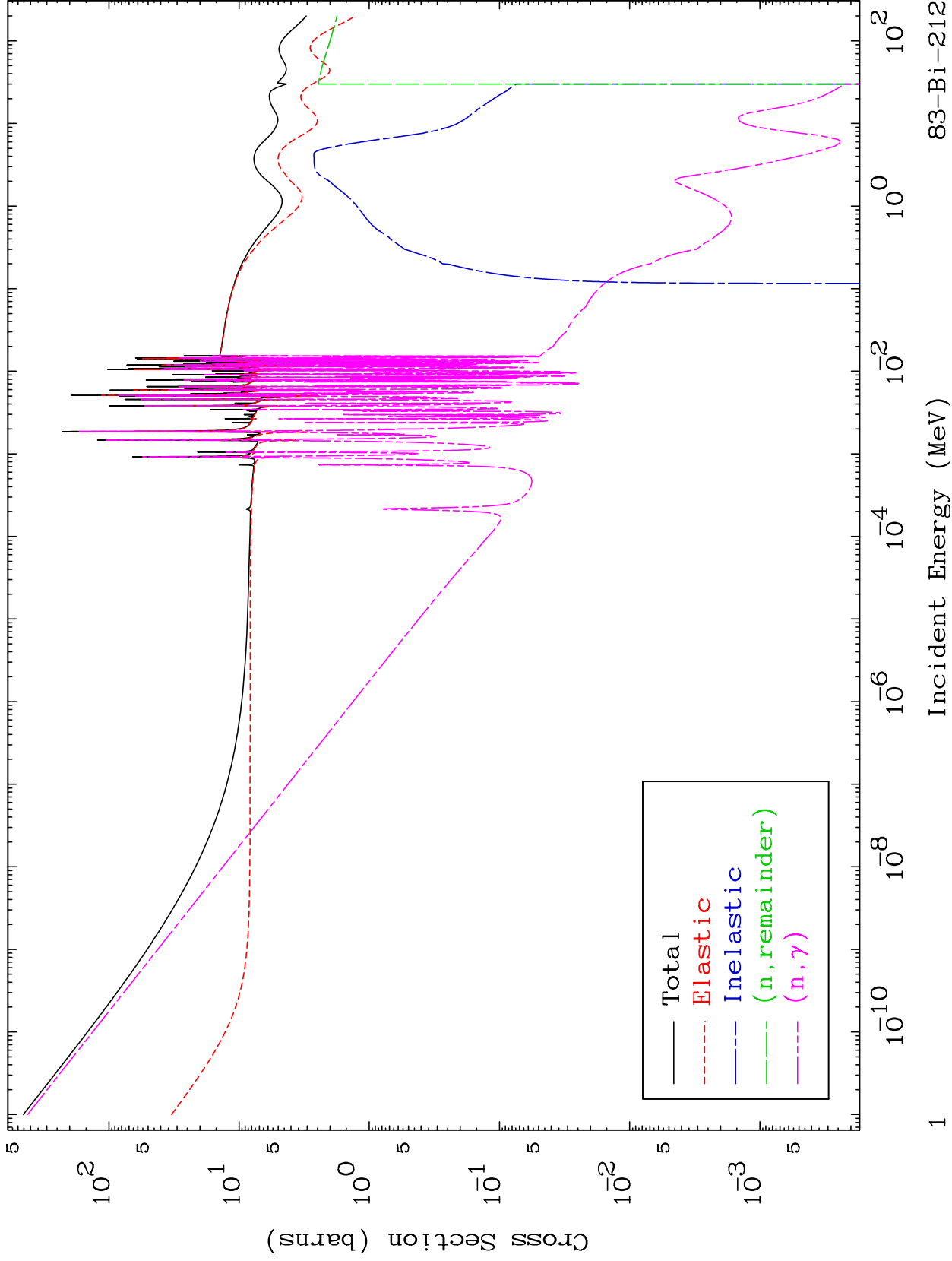
Press Mouse Button to Start

MAT 8334

Major

293 Kelvin Cross Sections

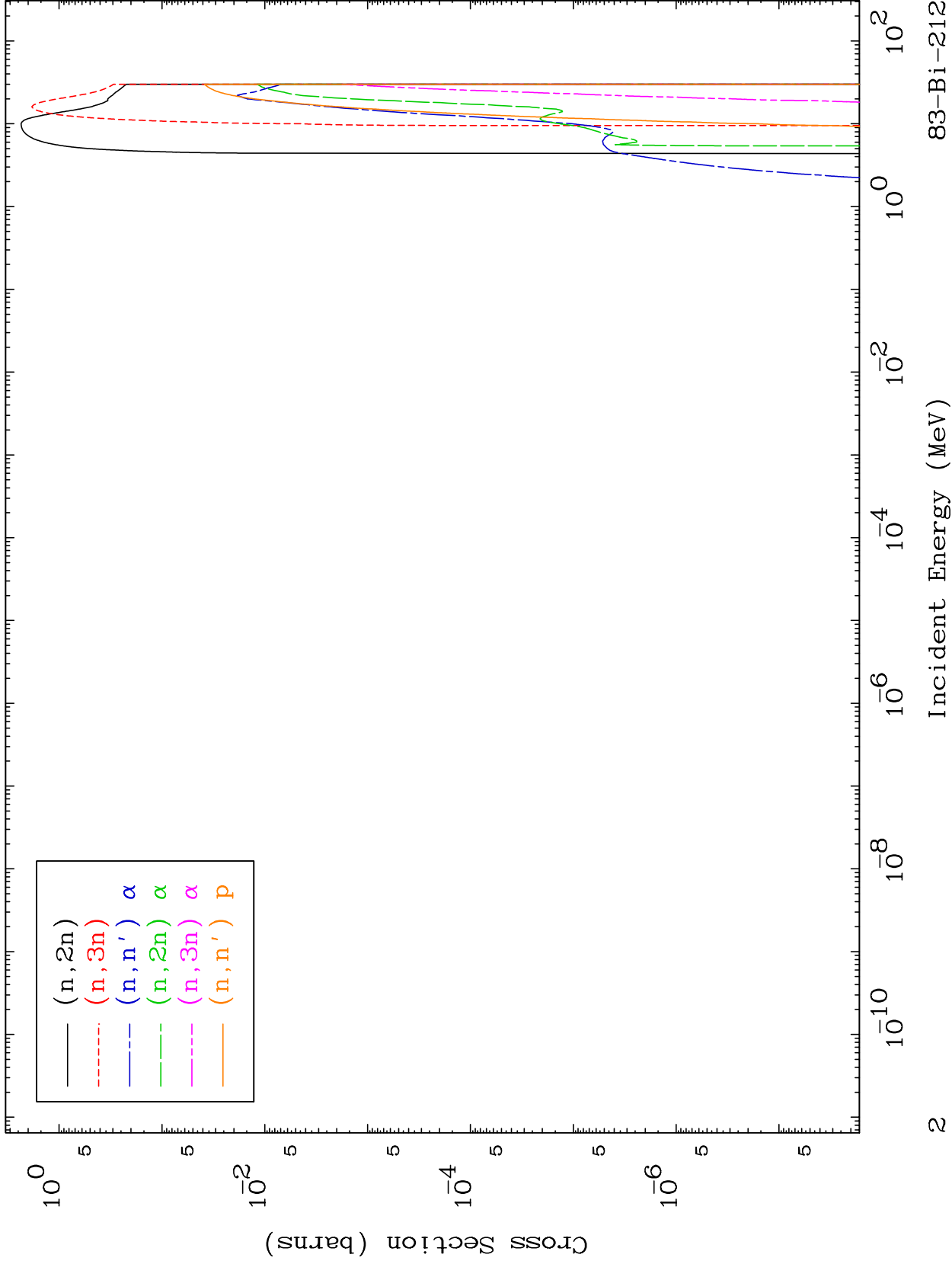
83-Bi-212

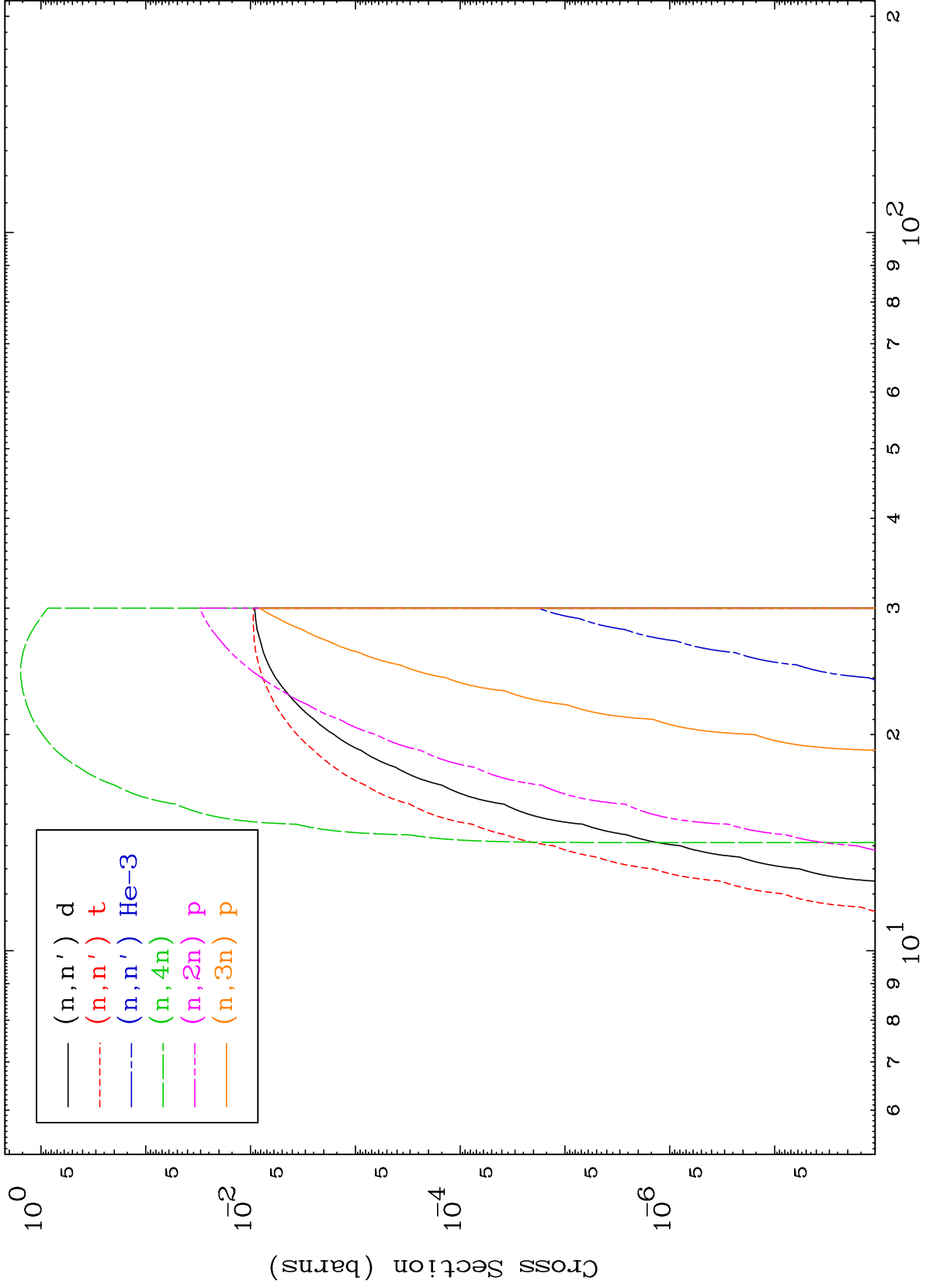


MAT 8334

Neutron Production  
293 Kelvin Cross Sections

83-Bi-212

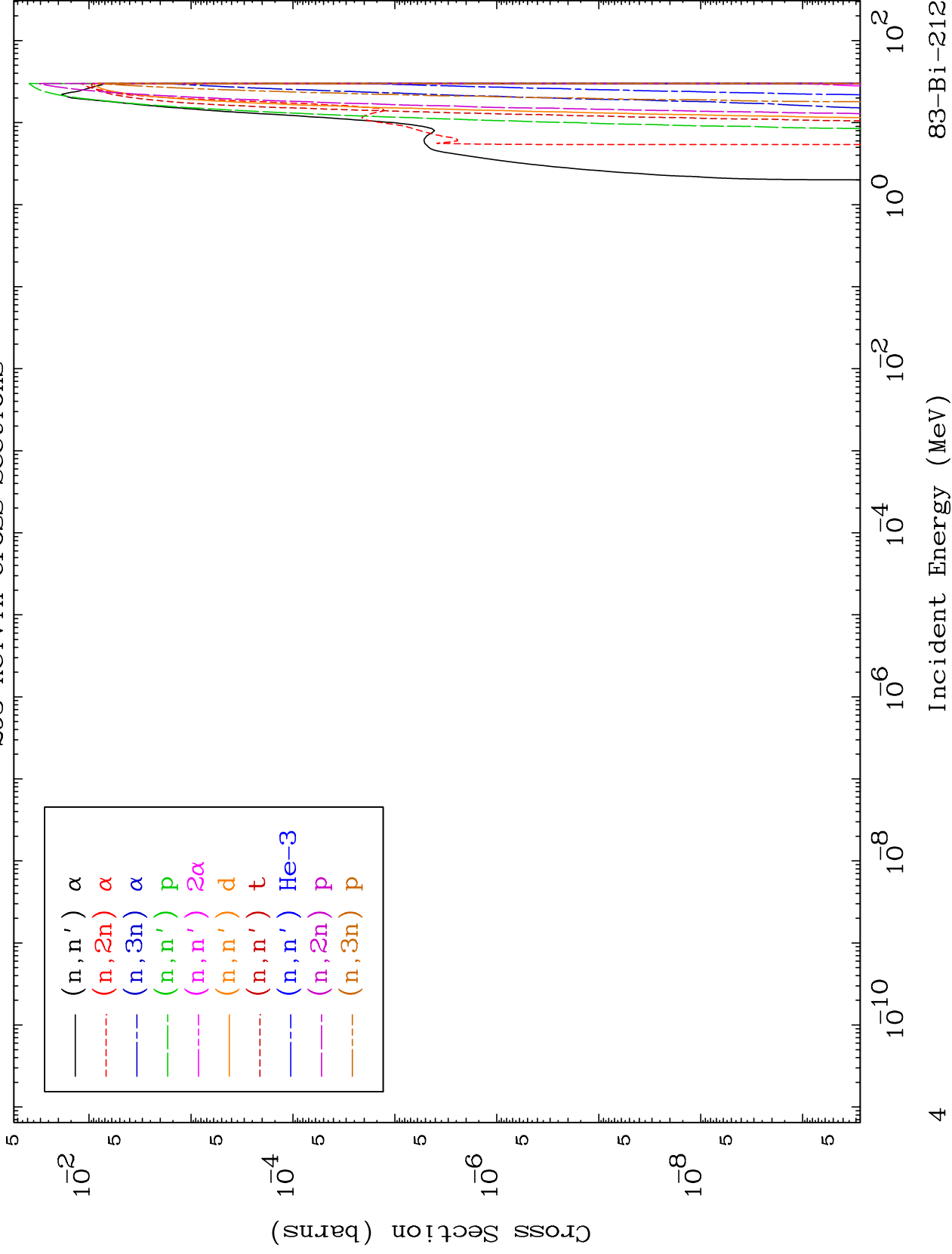




MAT 8334

Charged Particle  
293 Kelvin Cross Sections

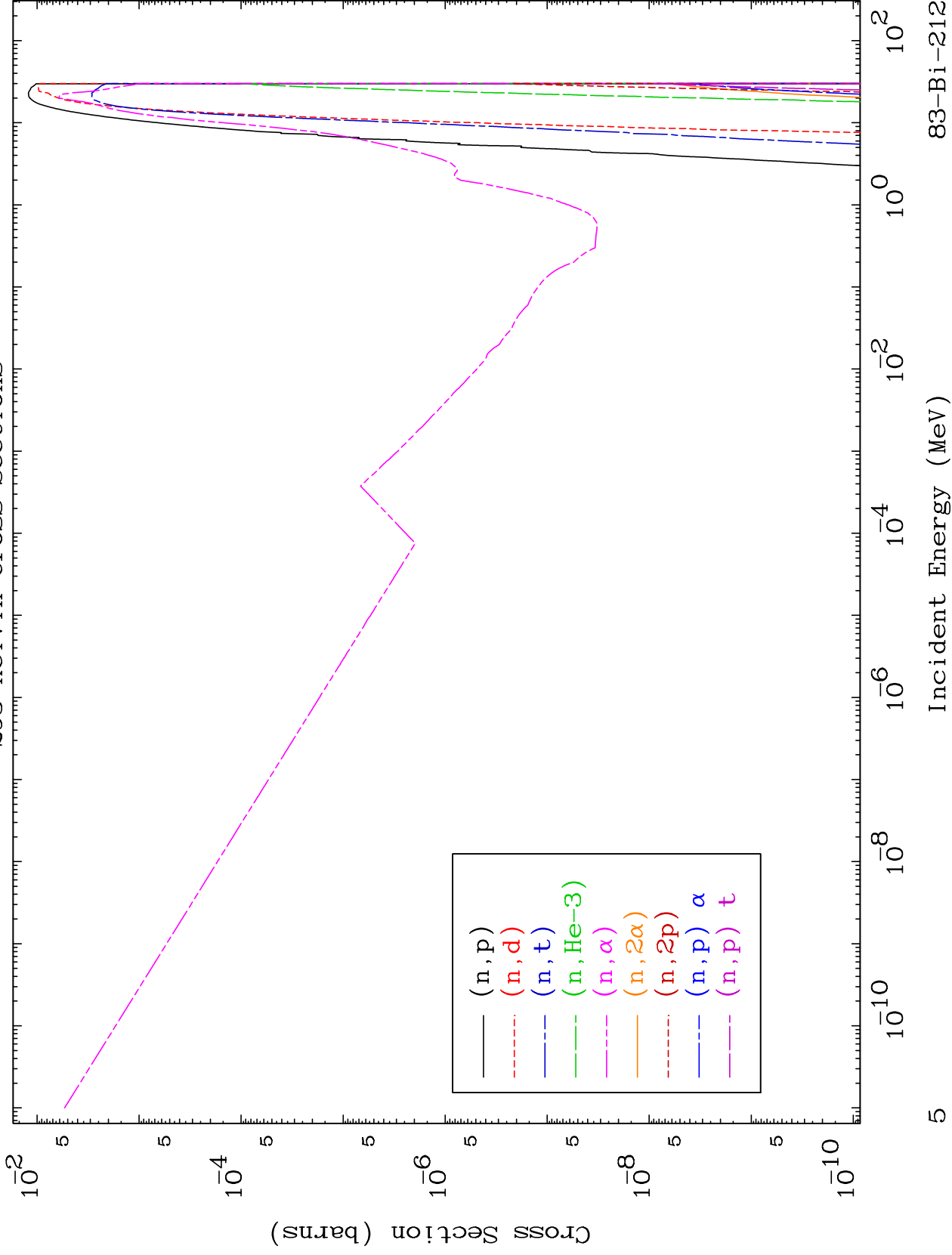
83-Bi-212

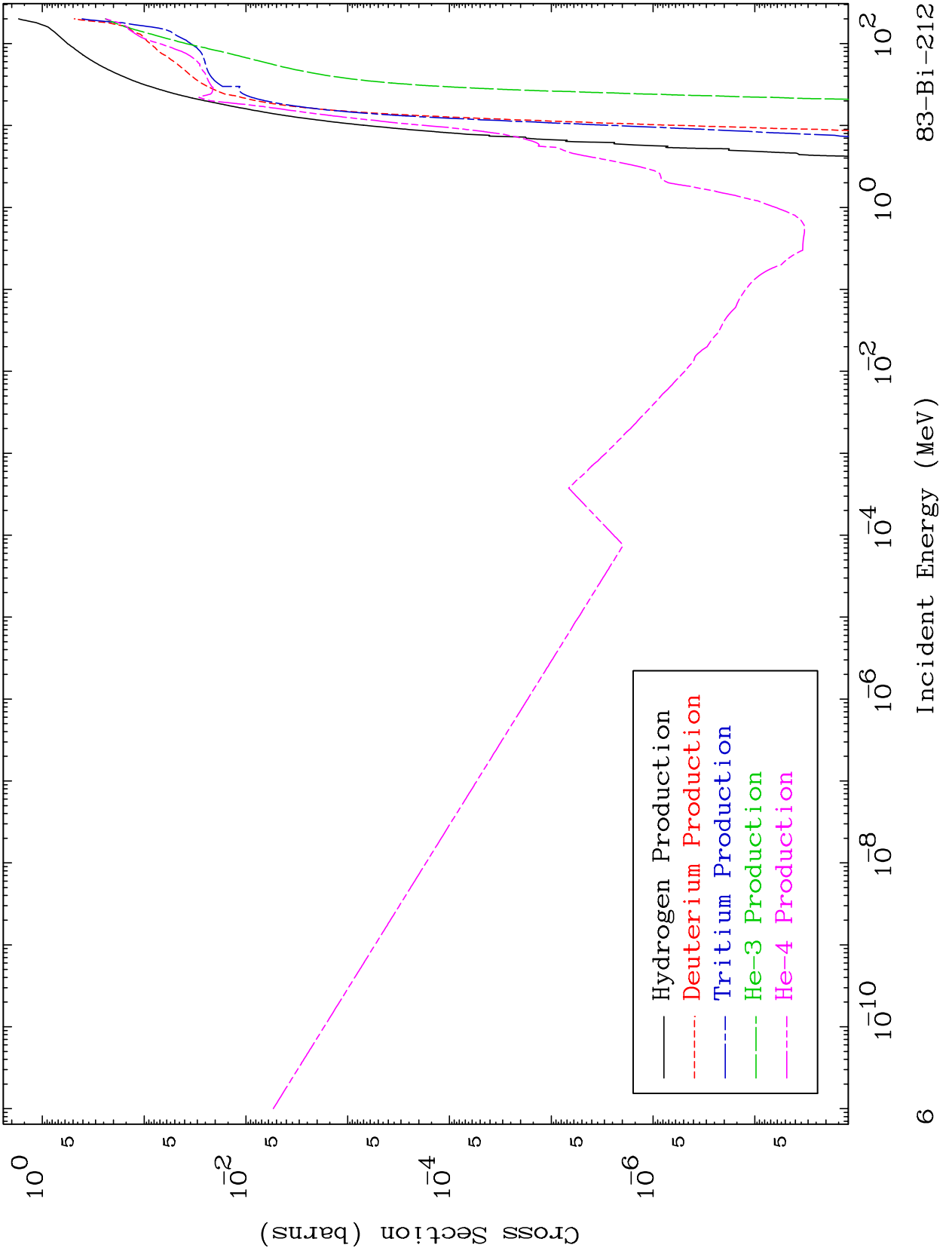


MAT 8334

Charged Particle  
293 Kelvin Cross Sections

83-Bi-212



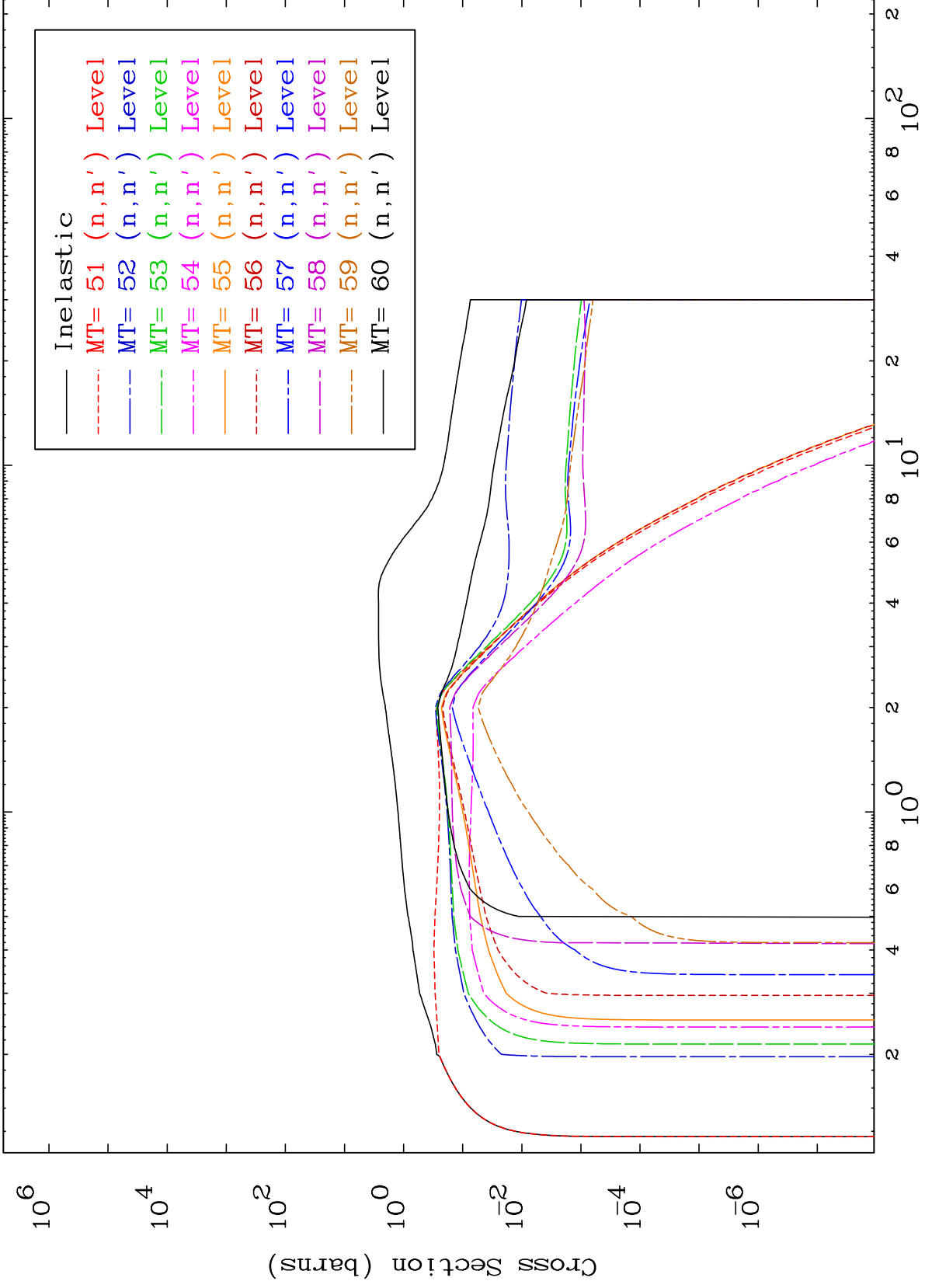


MAT 8334

(n,n') Level

83-Bi-212

293 Kelvin Cross Sections





MAT 8334

(n,n') Level

83-Bi-212

293 Kelvin Cross Sections

83-Bi-212

10<sup>6</sup>

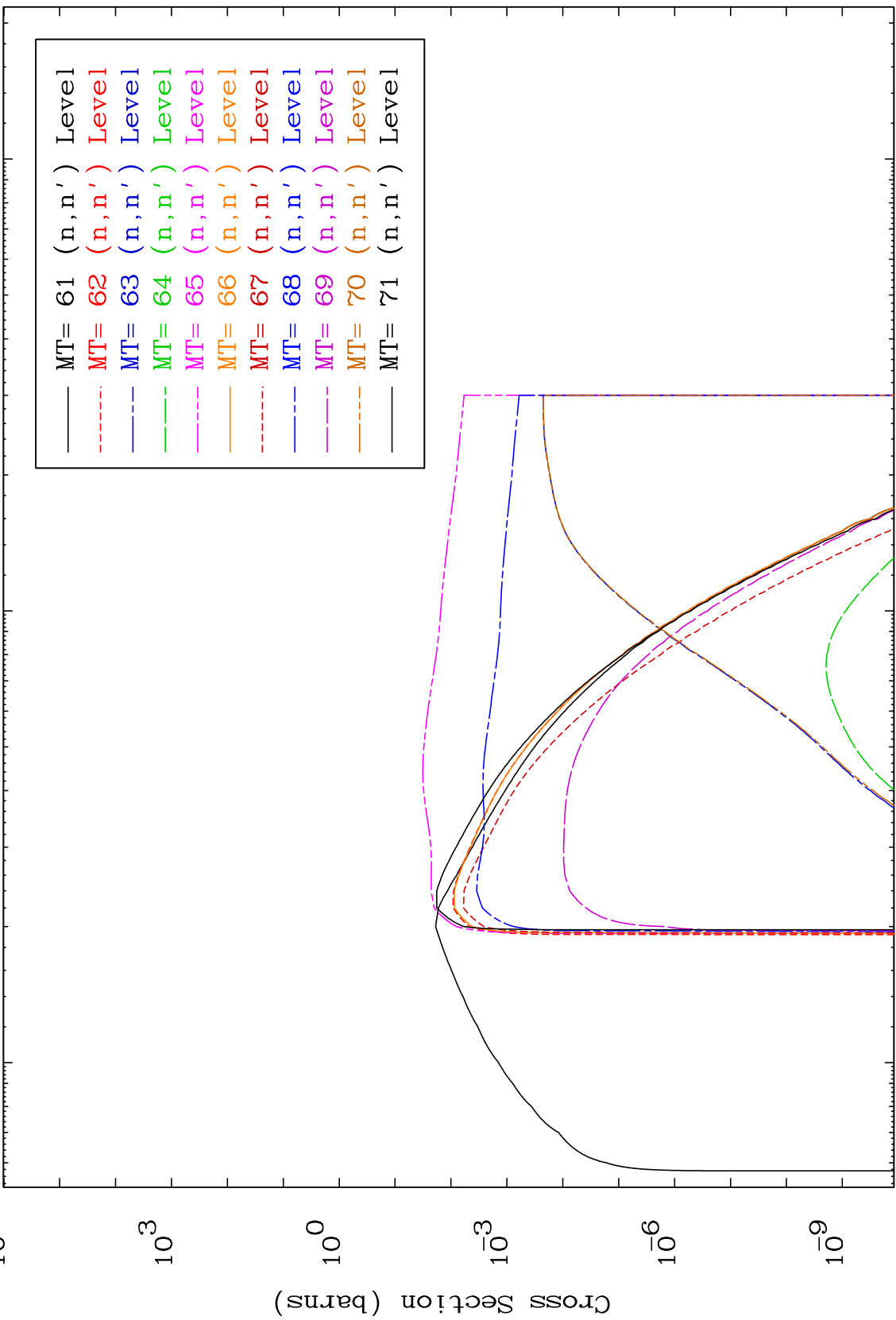
10<sup>3</sup>

10<sup>0</sup>

10<sup>-3</sup>

10<sup>-6</sup>

10<sup>-9</sup>



—	MT= 61	(n, n')	Level
- - -	MT= 62	(n, n')	Level
- · - ·	MT= 63	(n, n')	Level
- - -	MT= 64	(n, n')	Level
- · - ·	MT= 65	(n, n')	Level
—	MT= 66	(n, n')	Level
- - -	MT= 67	(n, n')	Level
- · - ·	MT= 68	(n, n')	Level
- · - ·	MT= 69	(n, n')	Level
- - -	MT= 70	(n, n')	Level
—	MT= 71	(n, n')	Level

8

Incident Energy (MeV)

83-Bi-212

10<sup>2</sup>

10<sup>1</sup>

10<sup>0</sup>

10<sup>-3</sup>

10<sup>-6</sup>

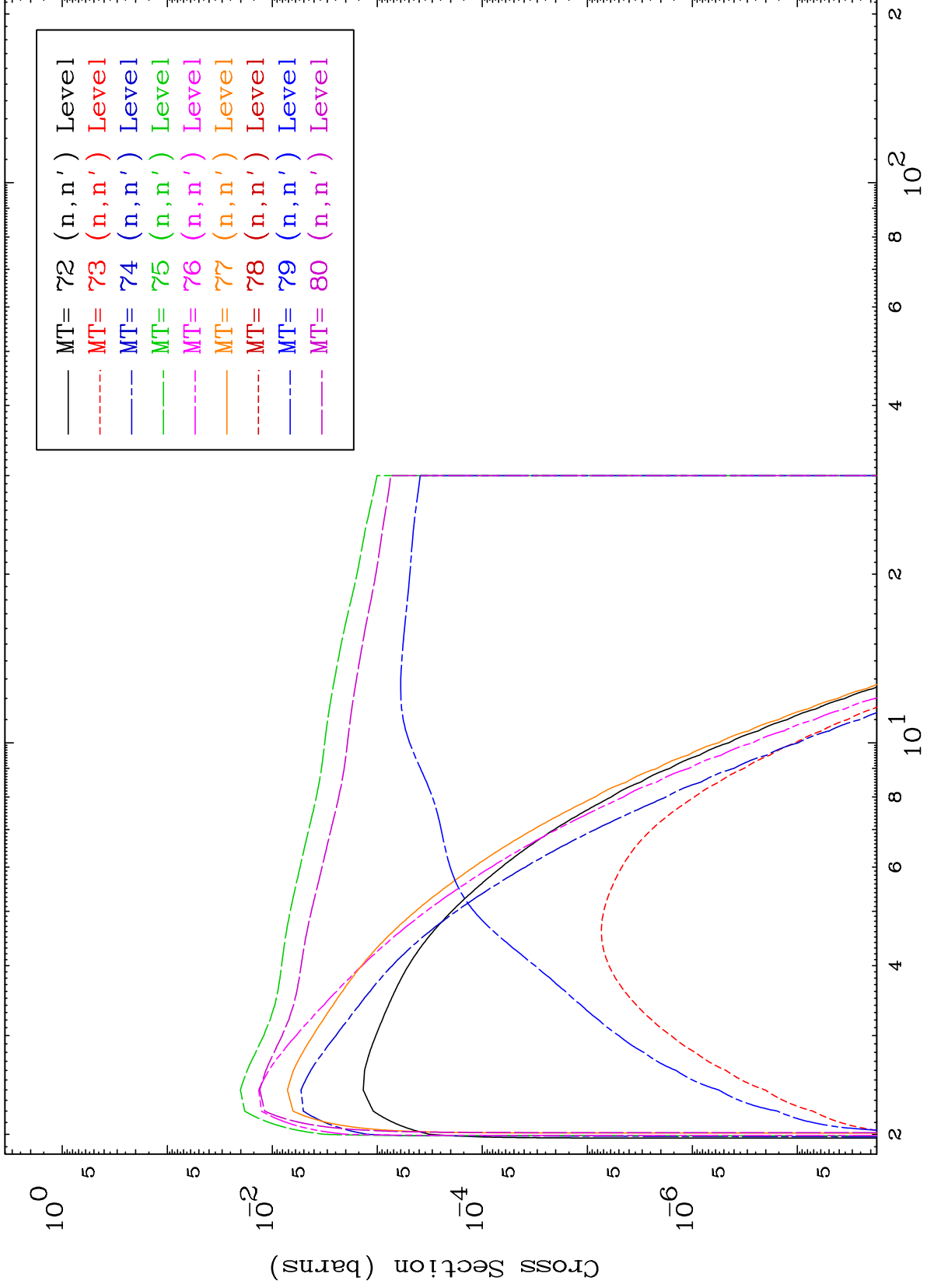
10<sup>-9</sup>

MAT 8334

(n,n') Level

83-Bi-212

293 Kelvin Cross Sections



9

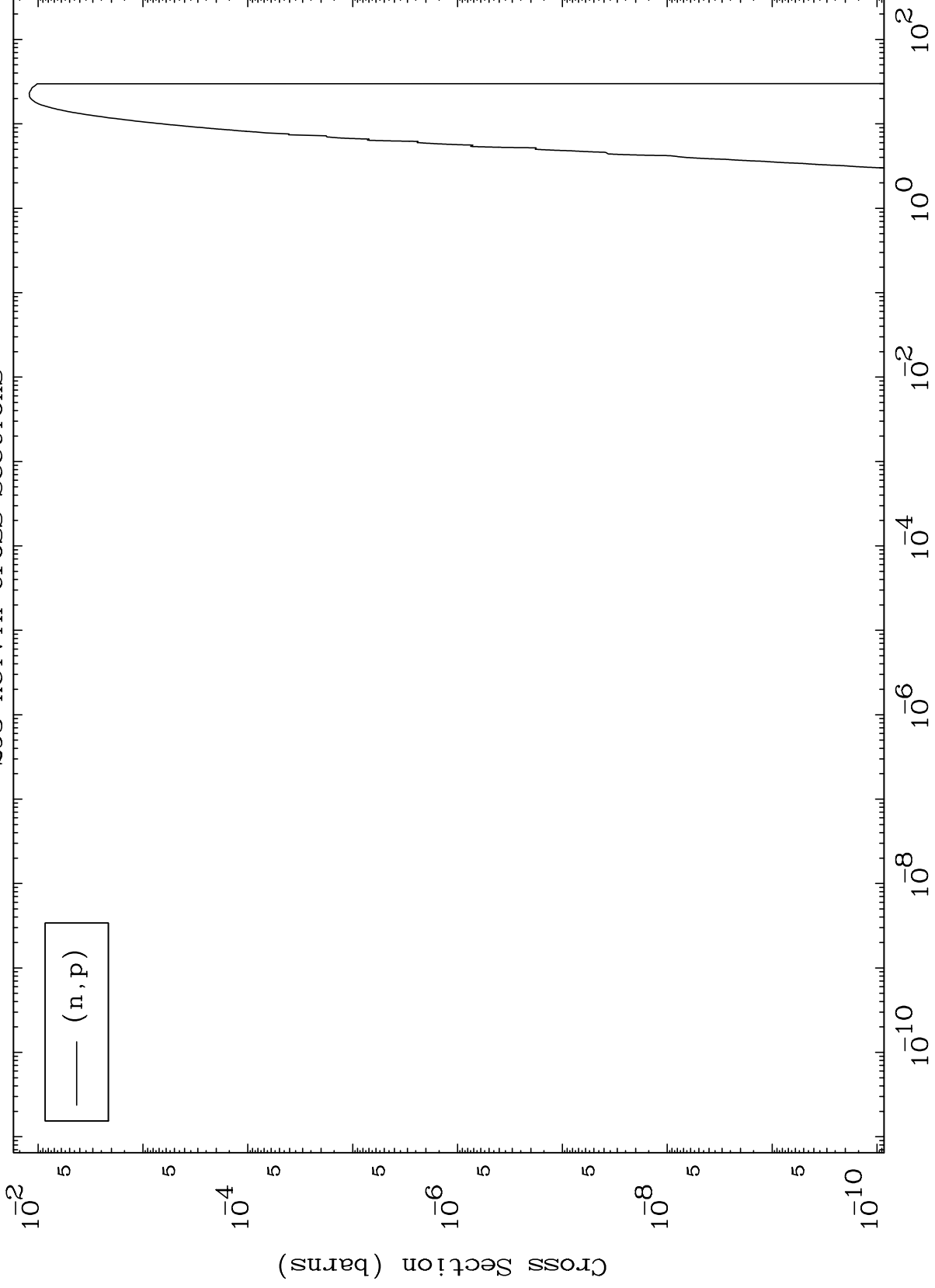
Incident Energy (MeV)

83-Bi-212

MAT 8334

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-212



10

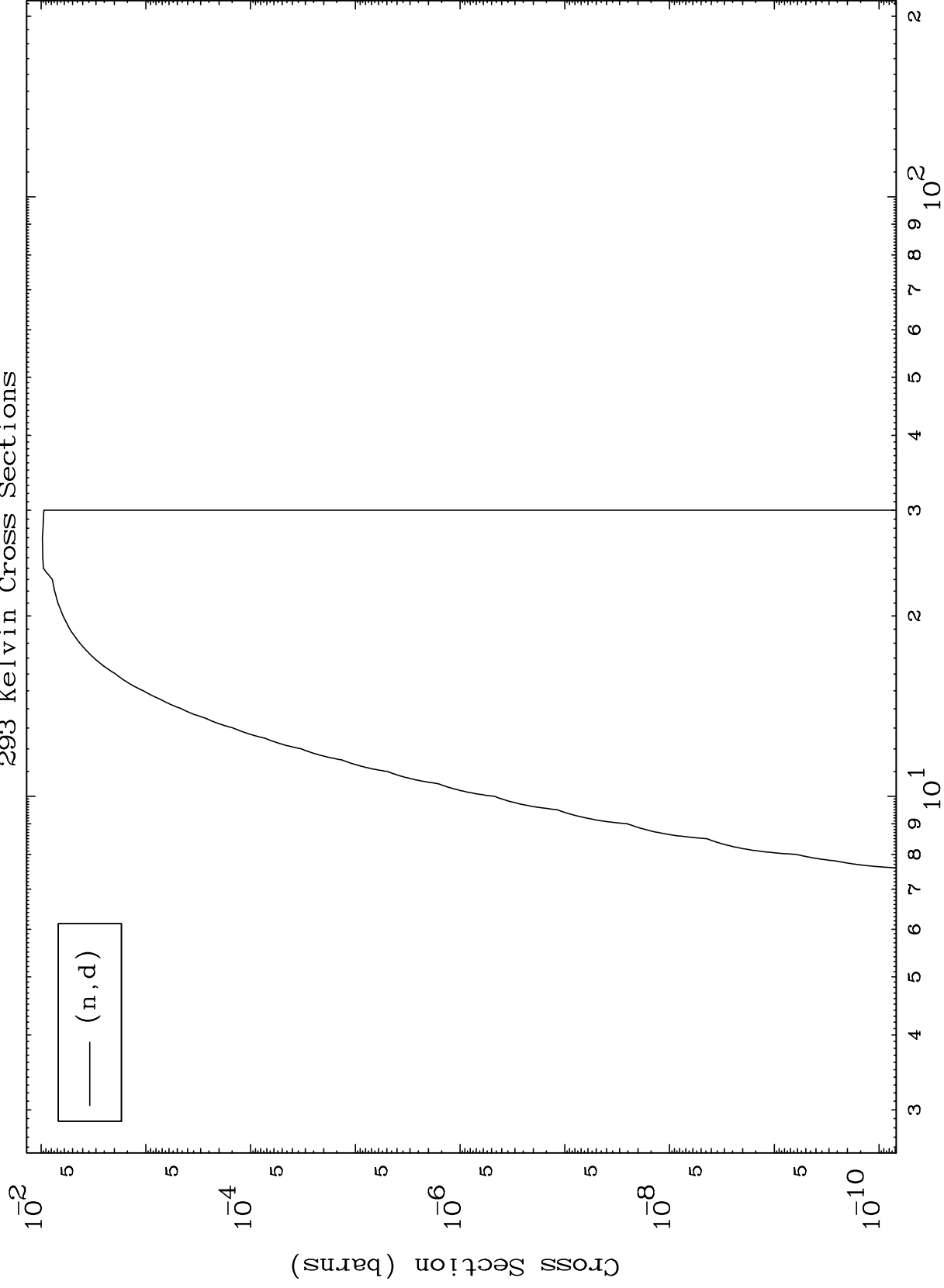
Incident Energy (MeV)

83-Bi-212

MAT 8334

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-212



11

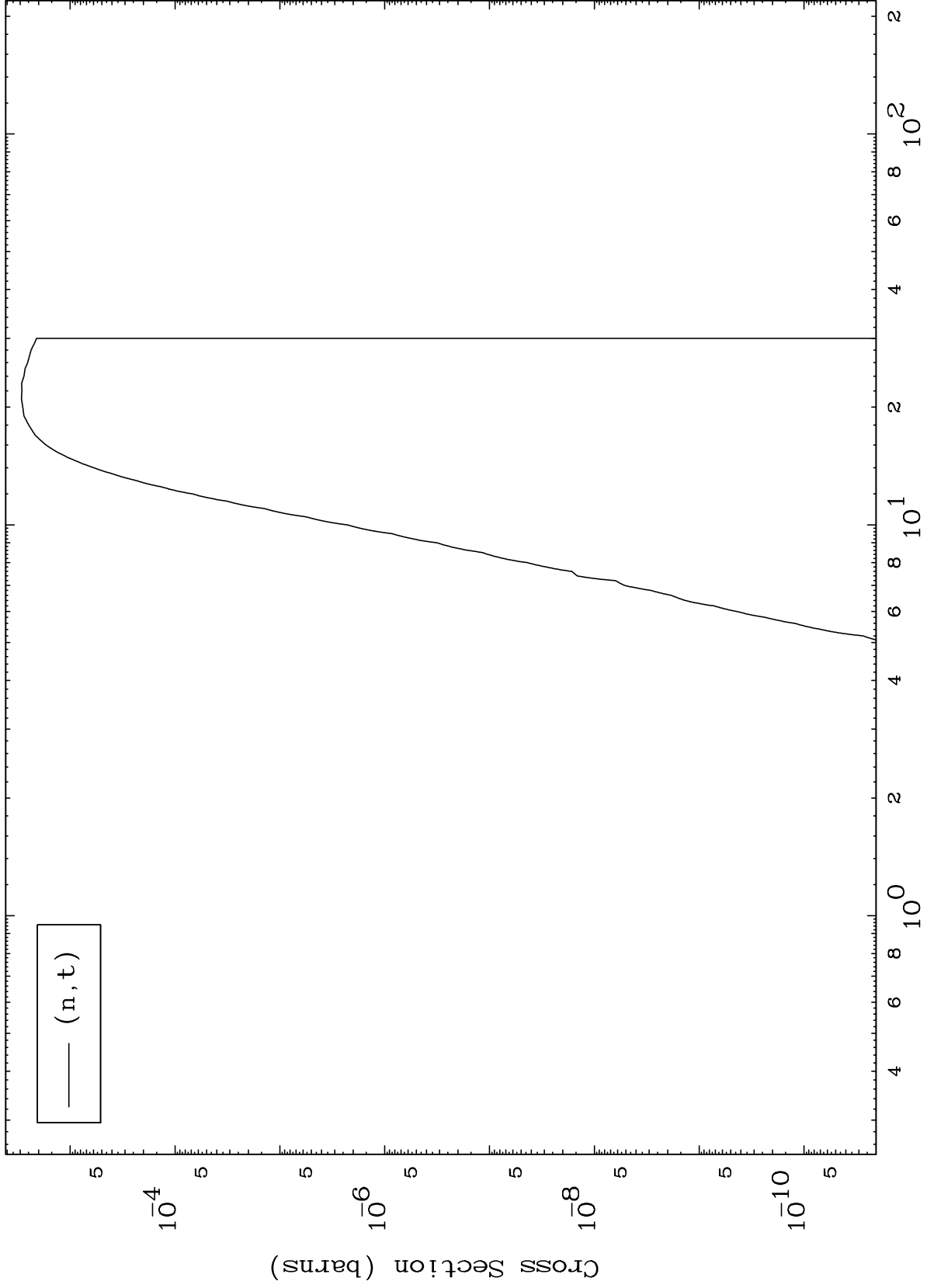
Incident Energy (MeV)

83-Bi-212

MAT 8334

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-212



12

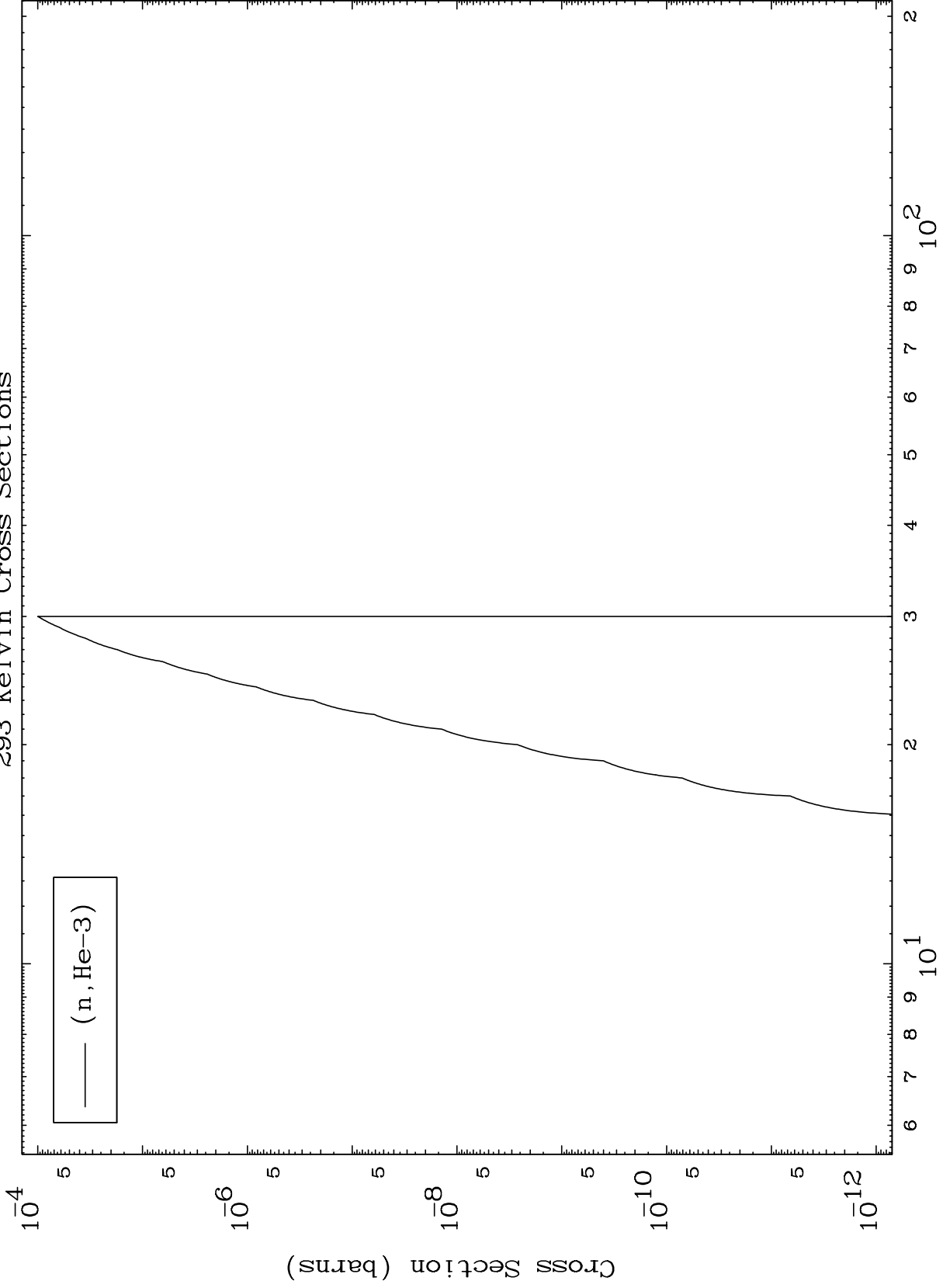
Incident Energy (MeV)

83-Bi-212

MAT 8334

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-212



13

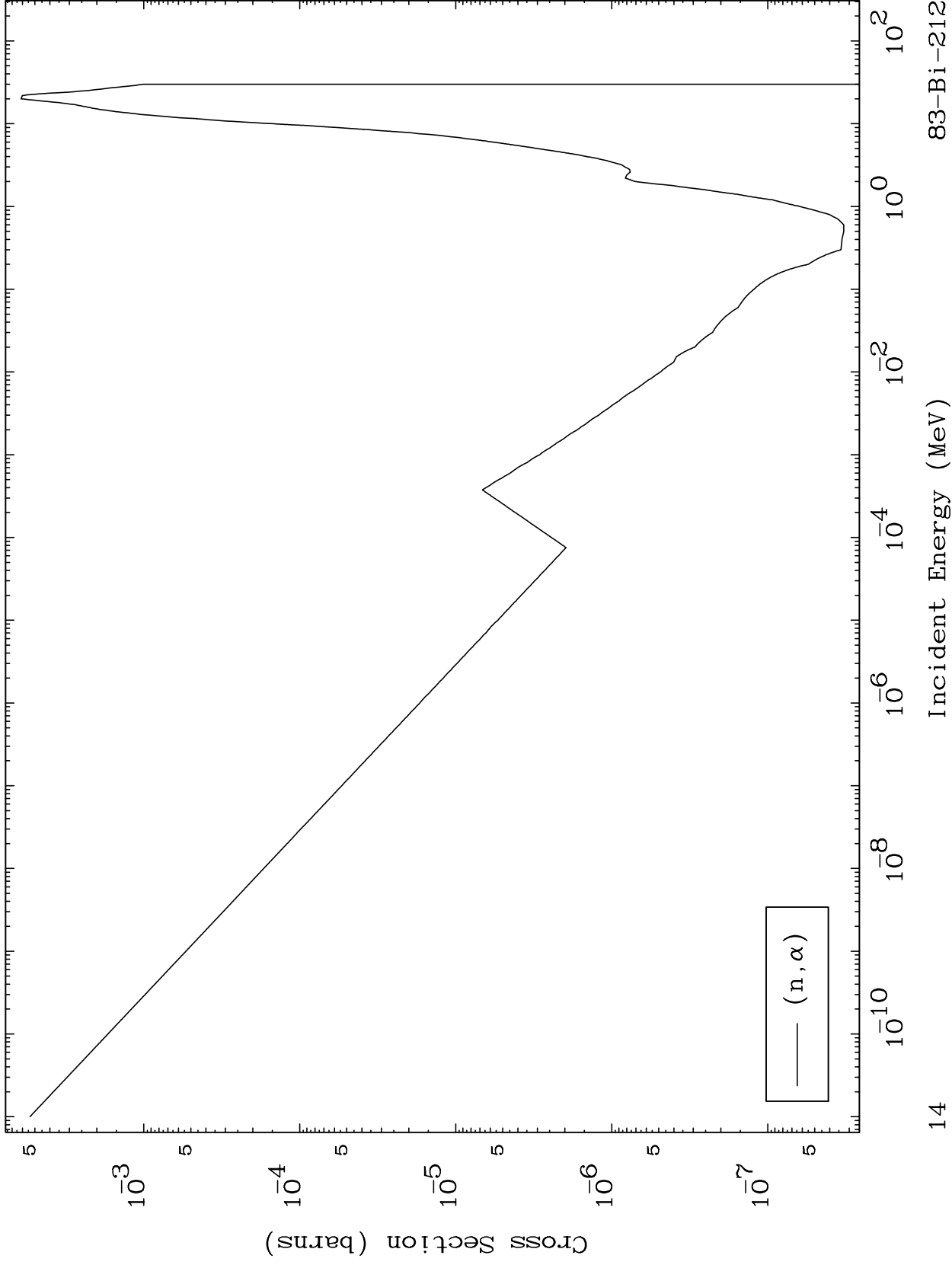
Incident Energy (MeV)

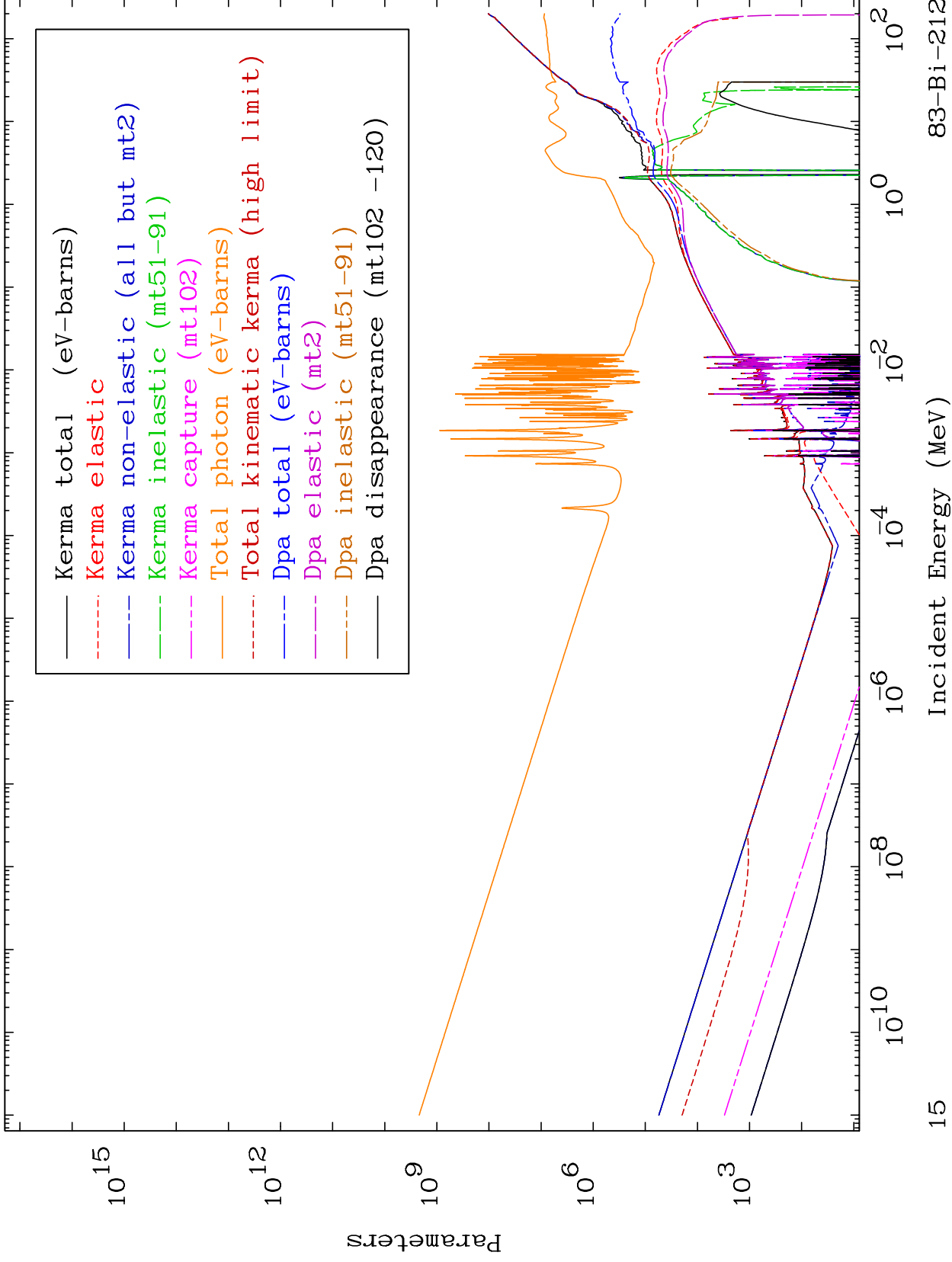
83-Bi-212

MAT 8334

(n,α) Levels  
293 Kelvin Cross Sections

83-Bi-212



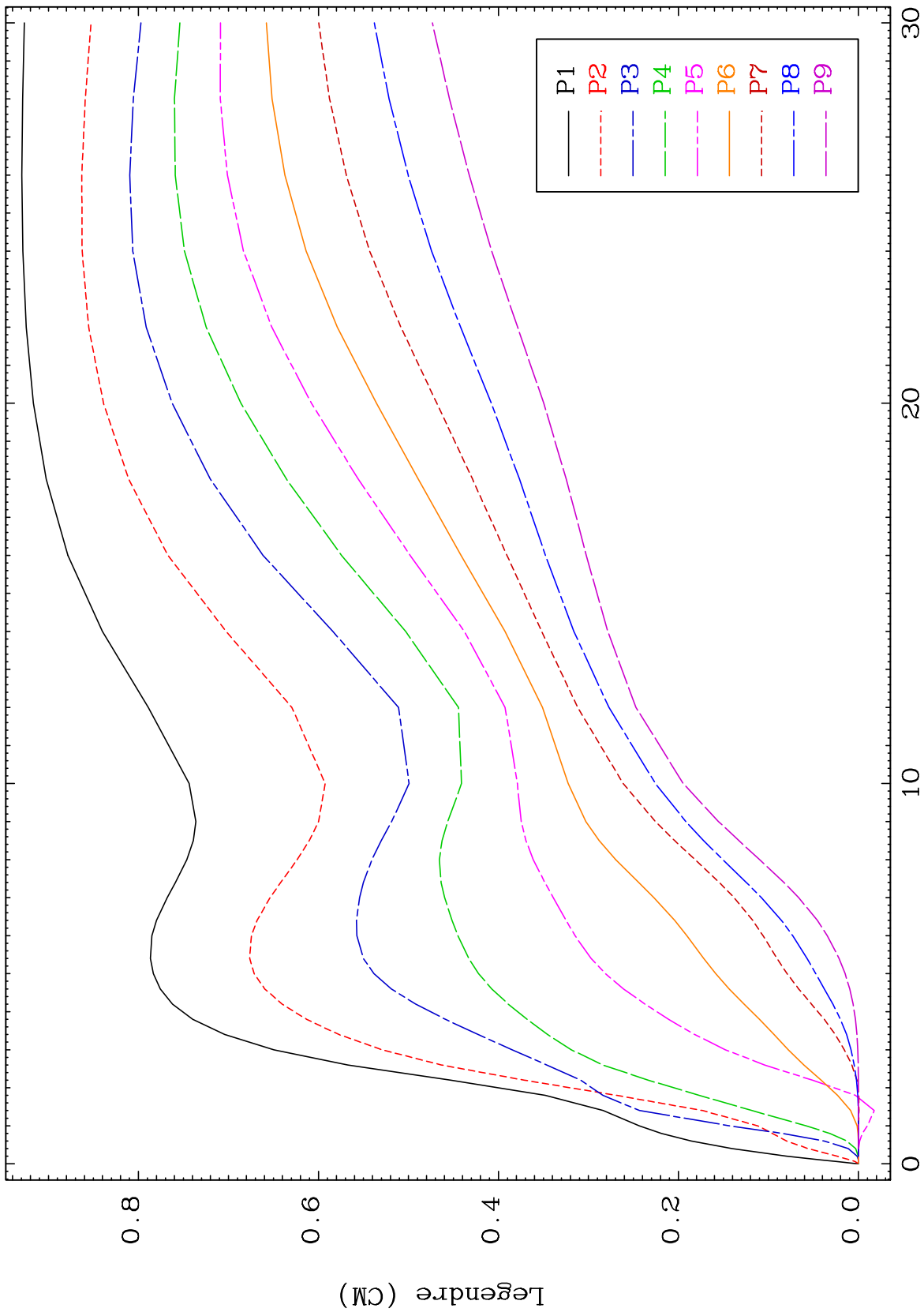




MAT 8334

83-Bi-212

Elastic Legendre Coefficients



83-Bi-212

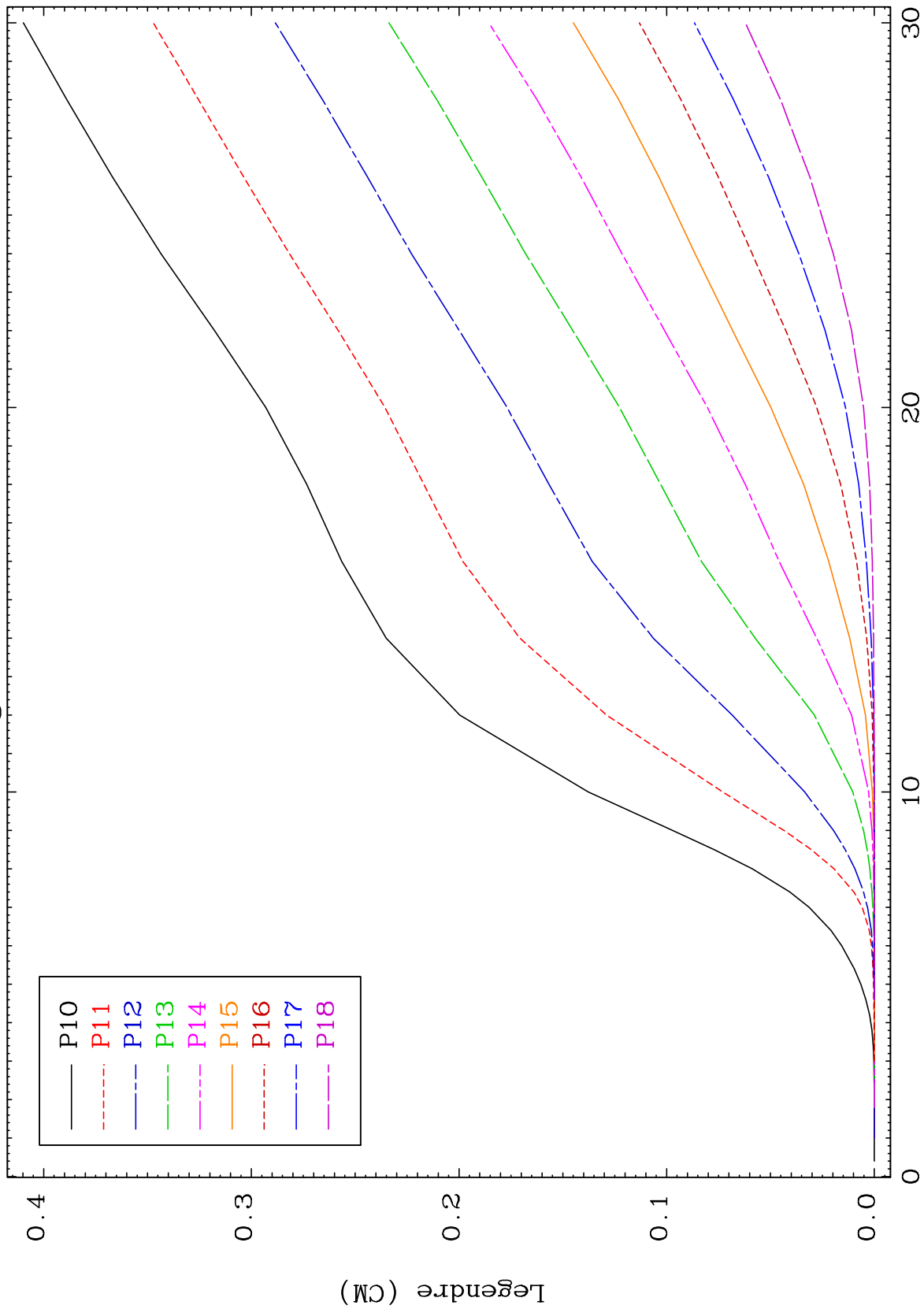
Incident Energy (MeV)

16

MAT 8334

Elastic Legendre Coefficients

83-Bi-212



17

Incident Energy (MeV)

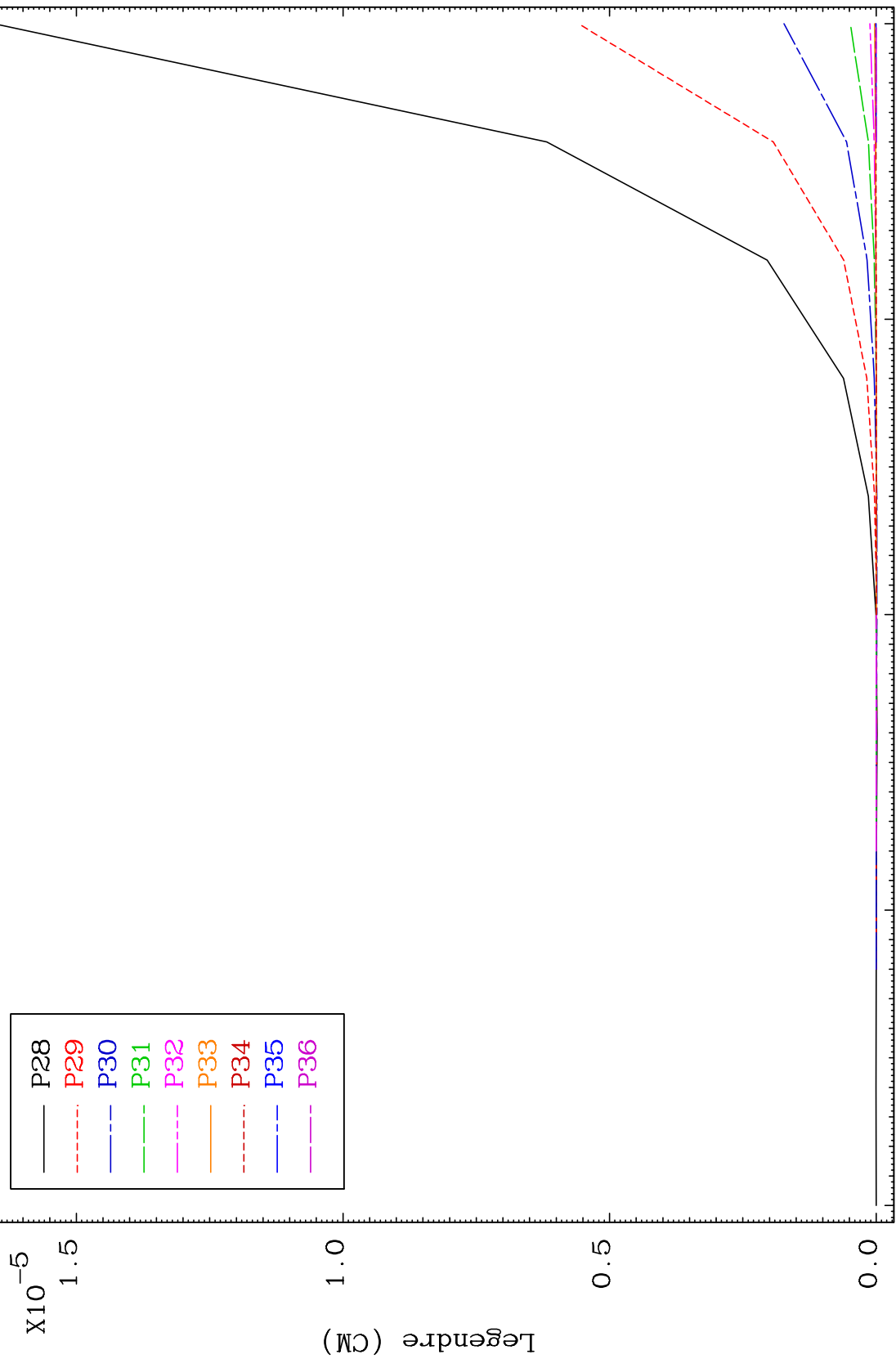
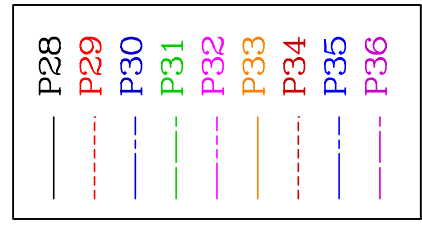
83-Bi-212



MAT 8334

Elastic Legendre Coefficients

83-Bi-212



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Incident Energy (MeV)

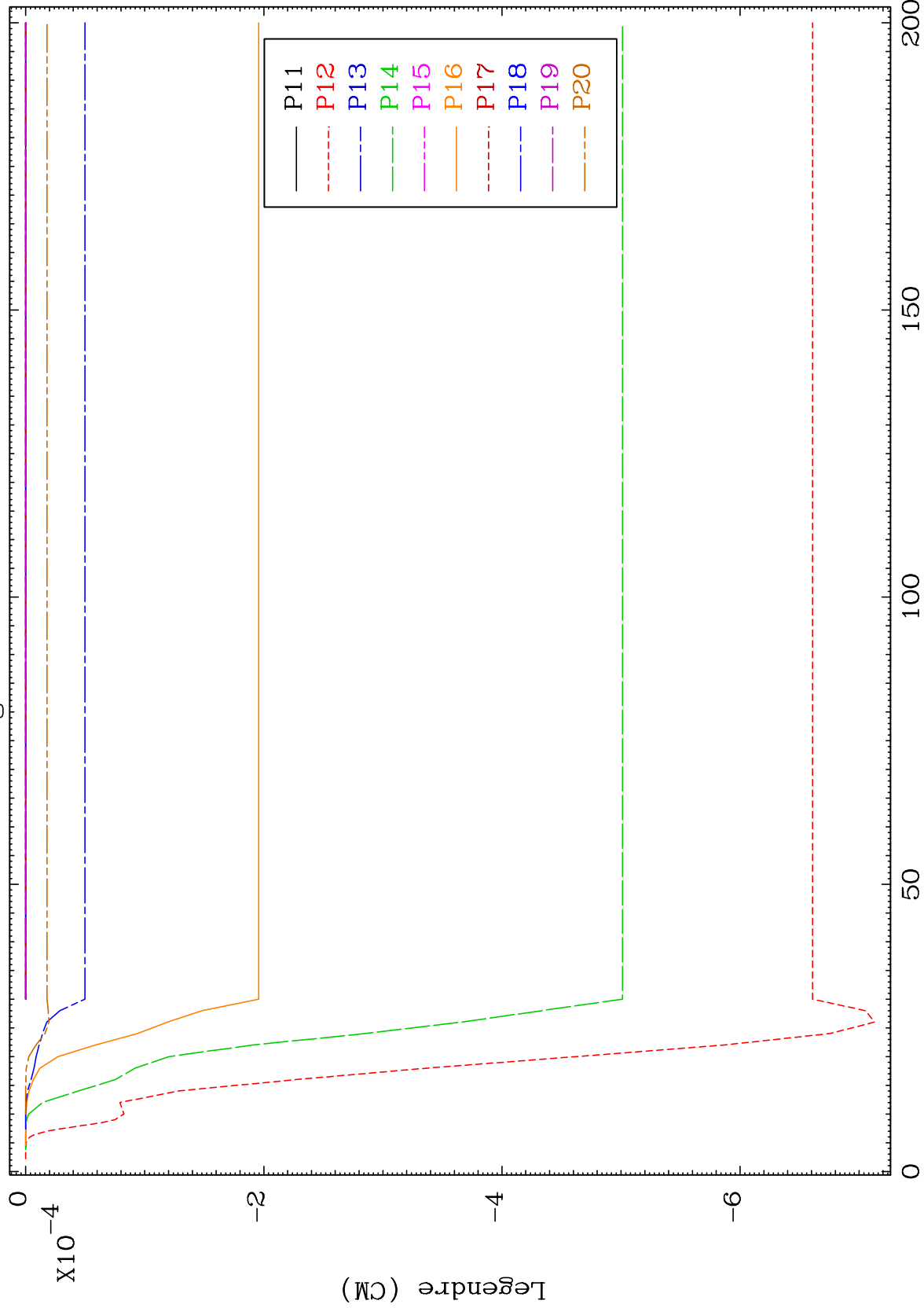
83-Bi-212



MAT 8334

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

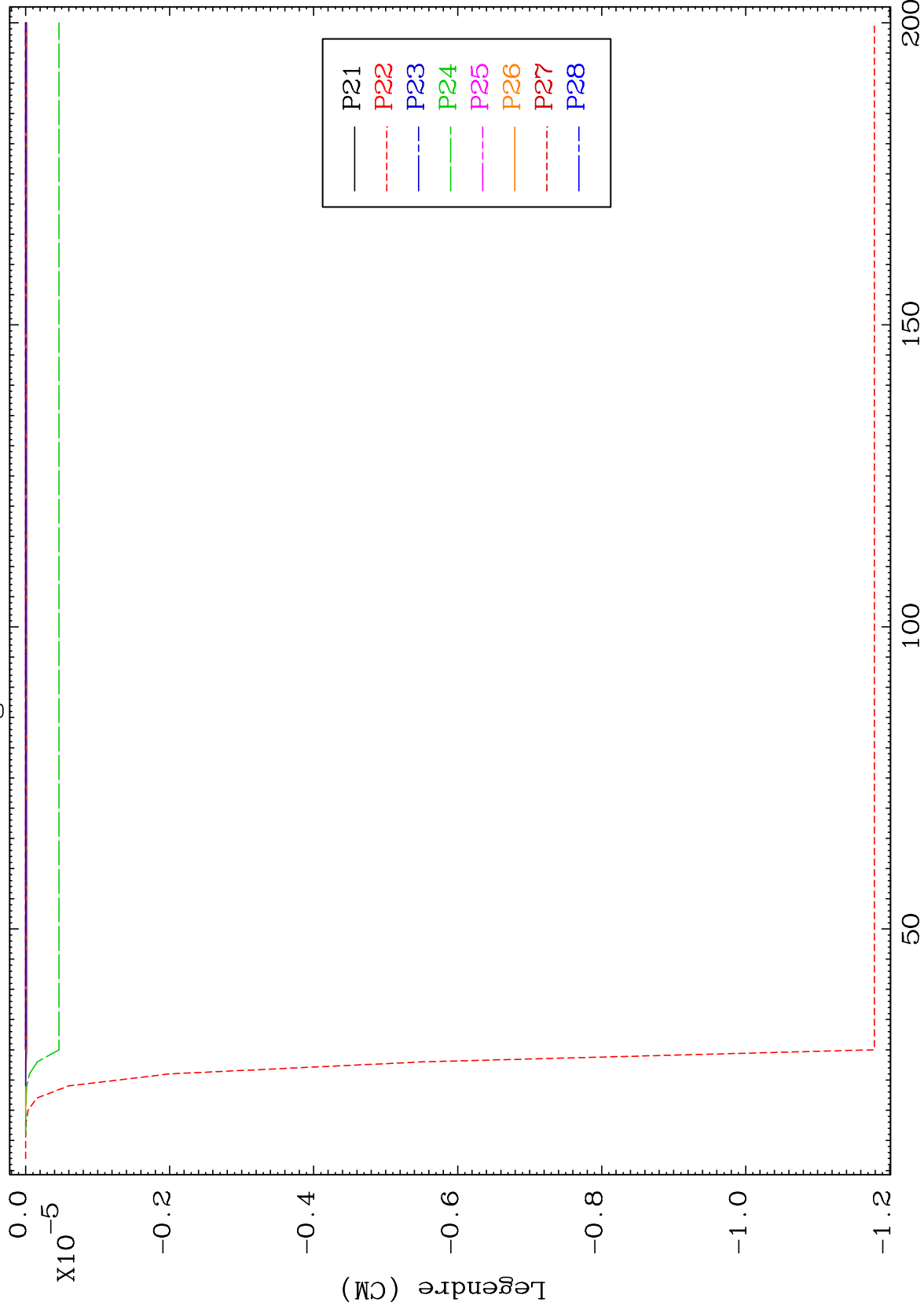
83-Bi-212



21

Incident Energy (MeV)

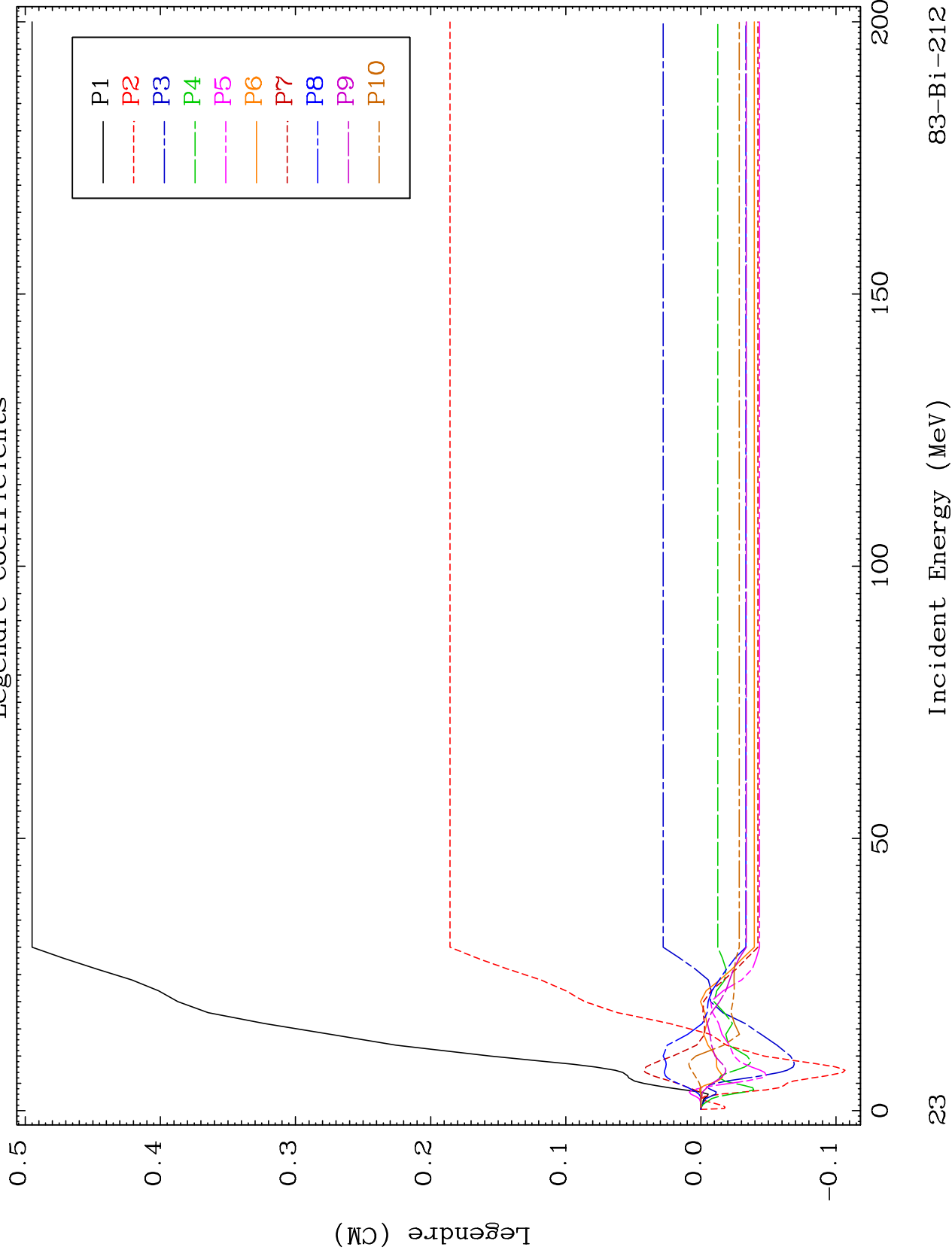
83-Bi-212



MAT 8334

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

83-Bi-212



83-Bi-212

Incident Energy (MeV)

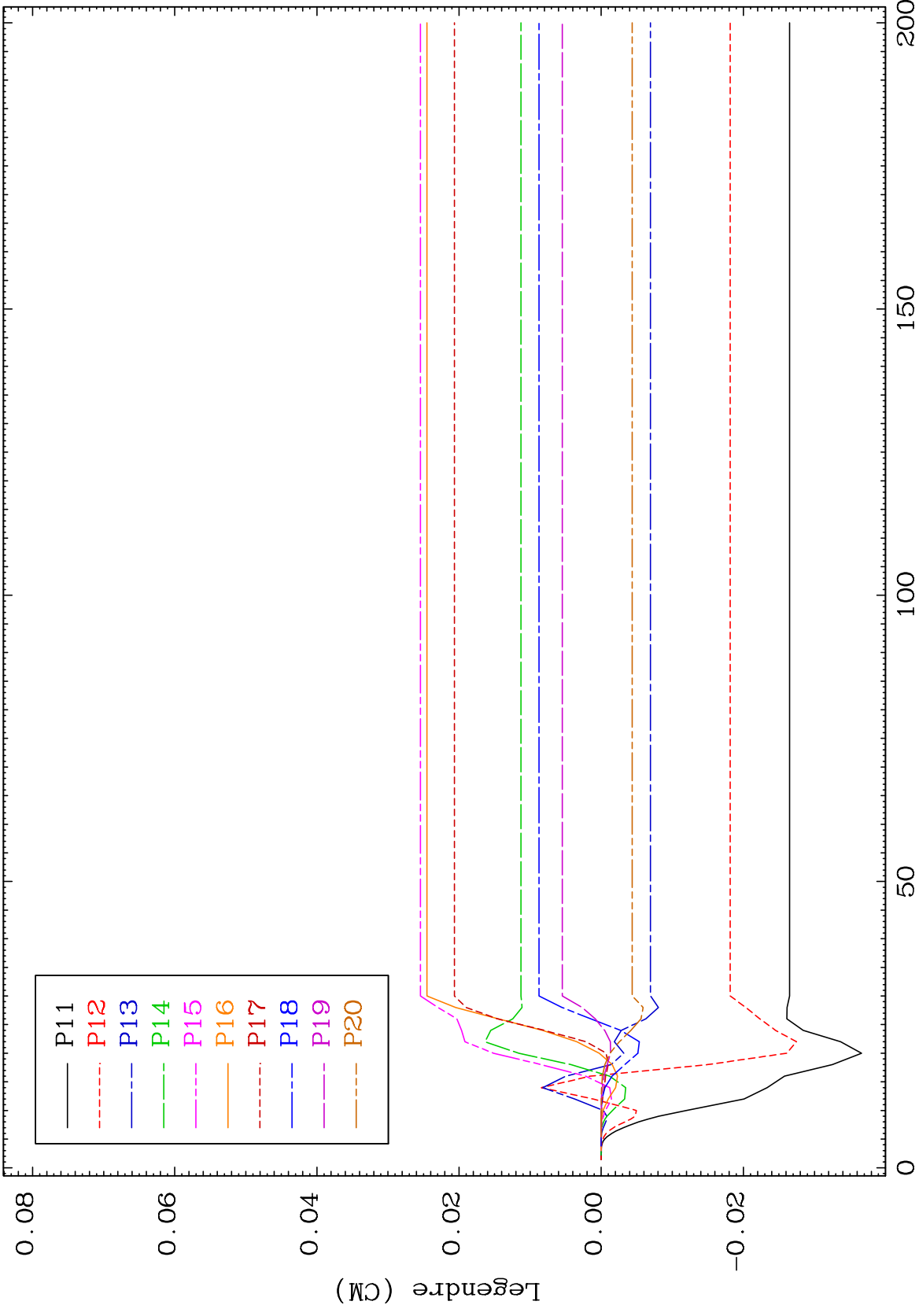
23



MAT 8334

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

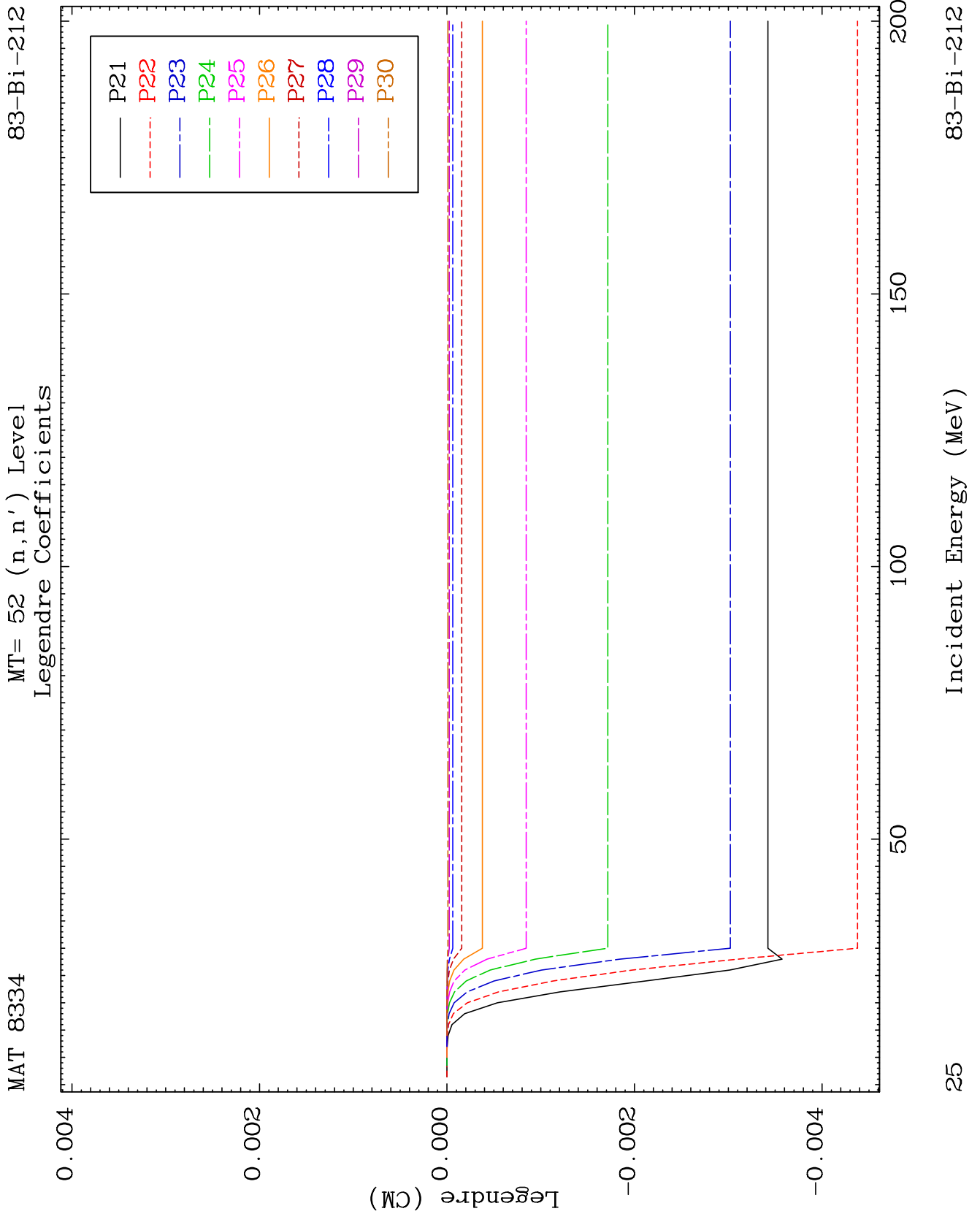
83-Bi-212



24

Incident Energy (MeV)

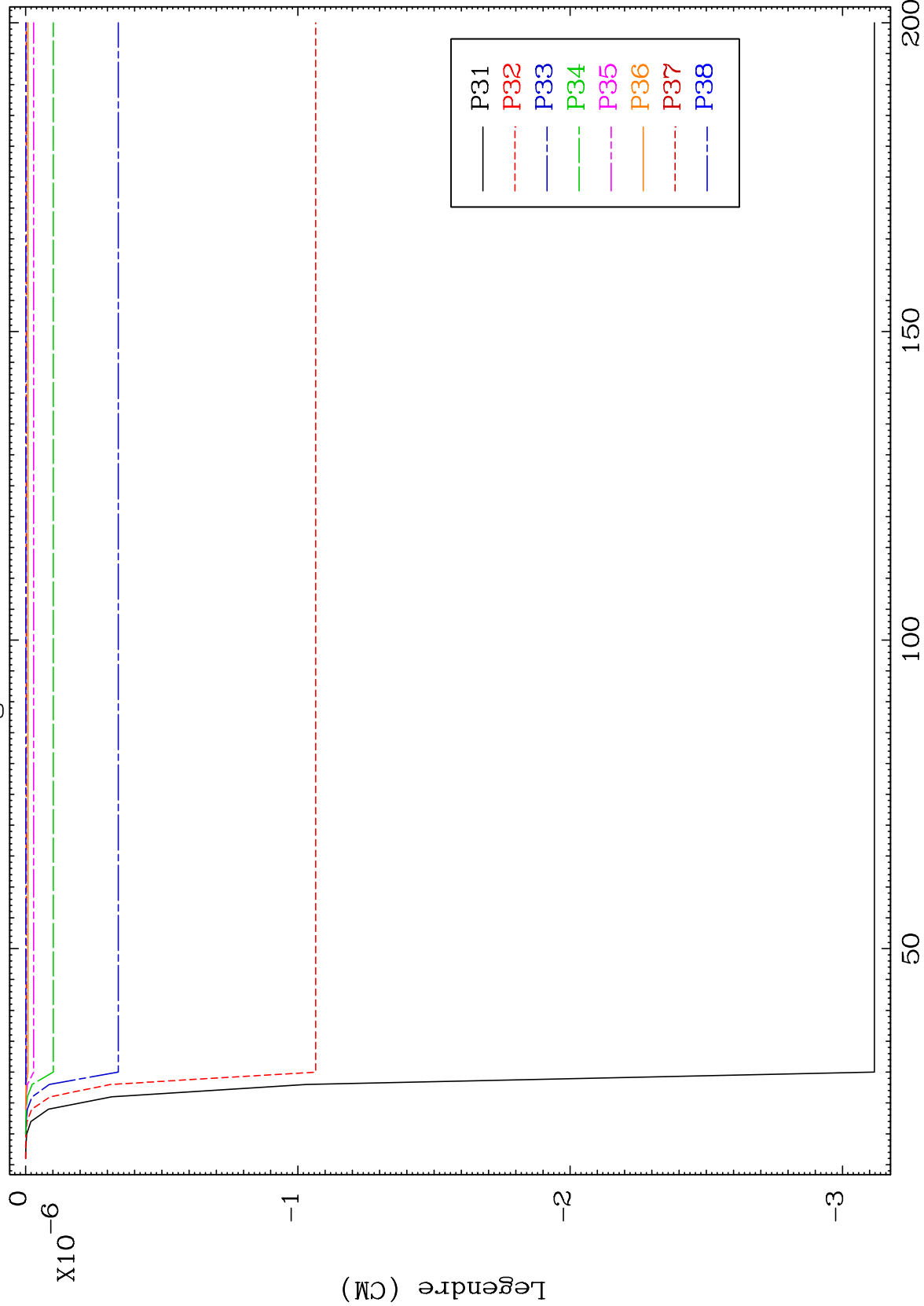
83-Bi-212



MAT 8334

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

83-Bi-212



26

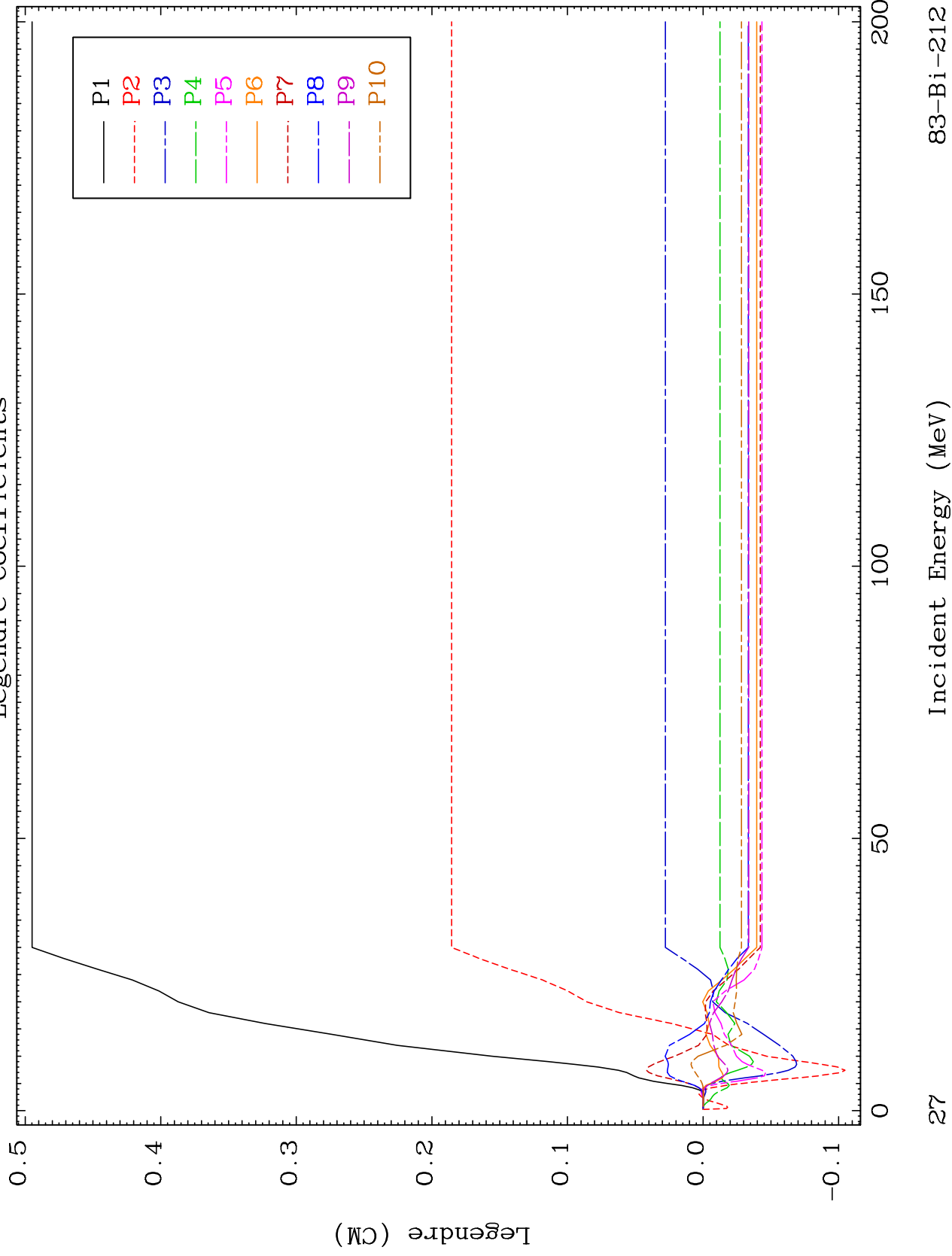
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



27

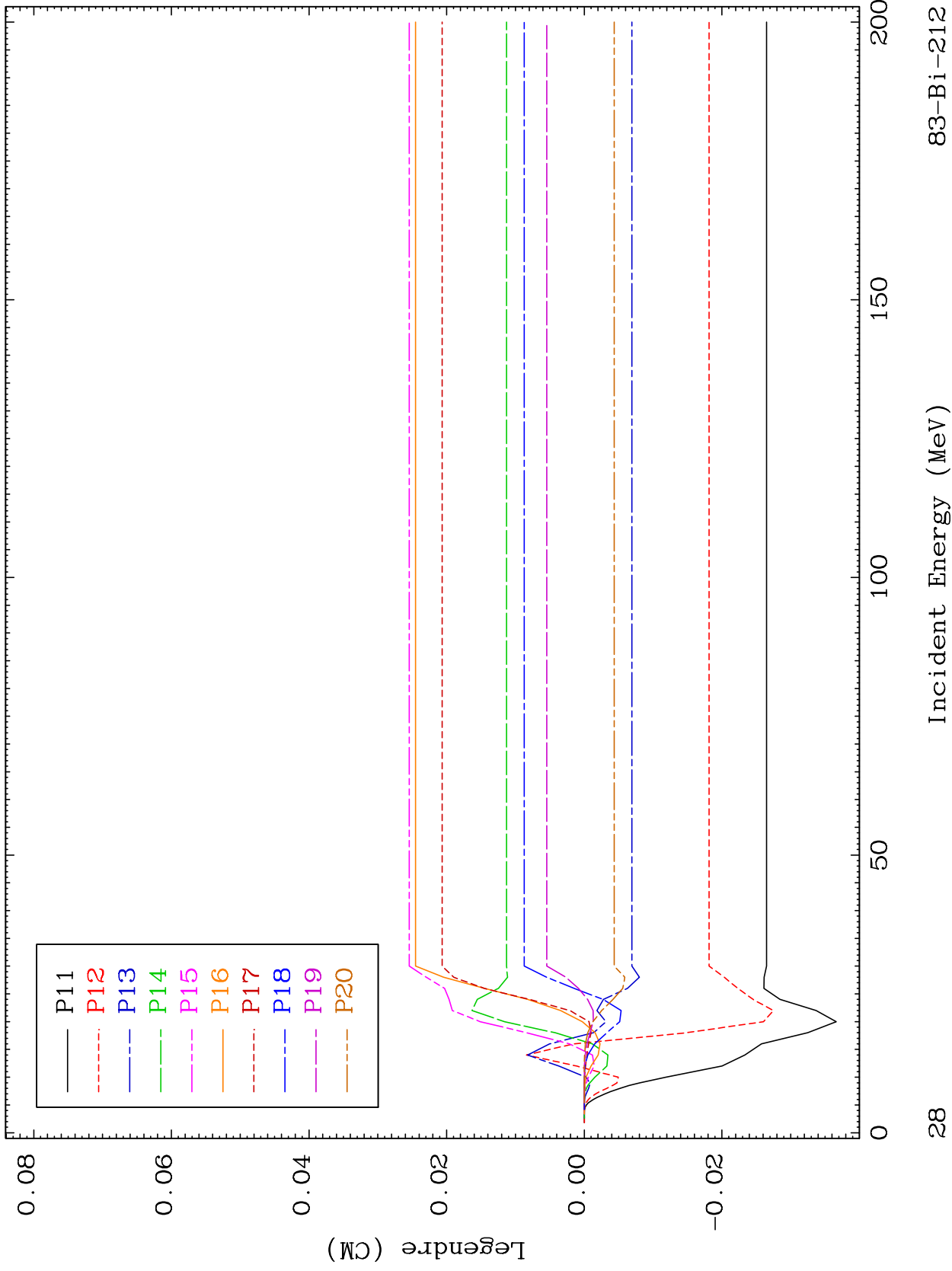
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

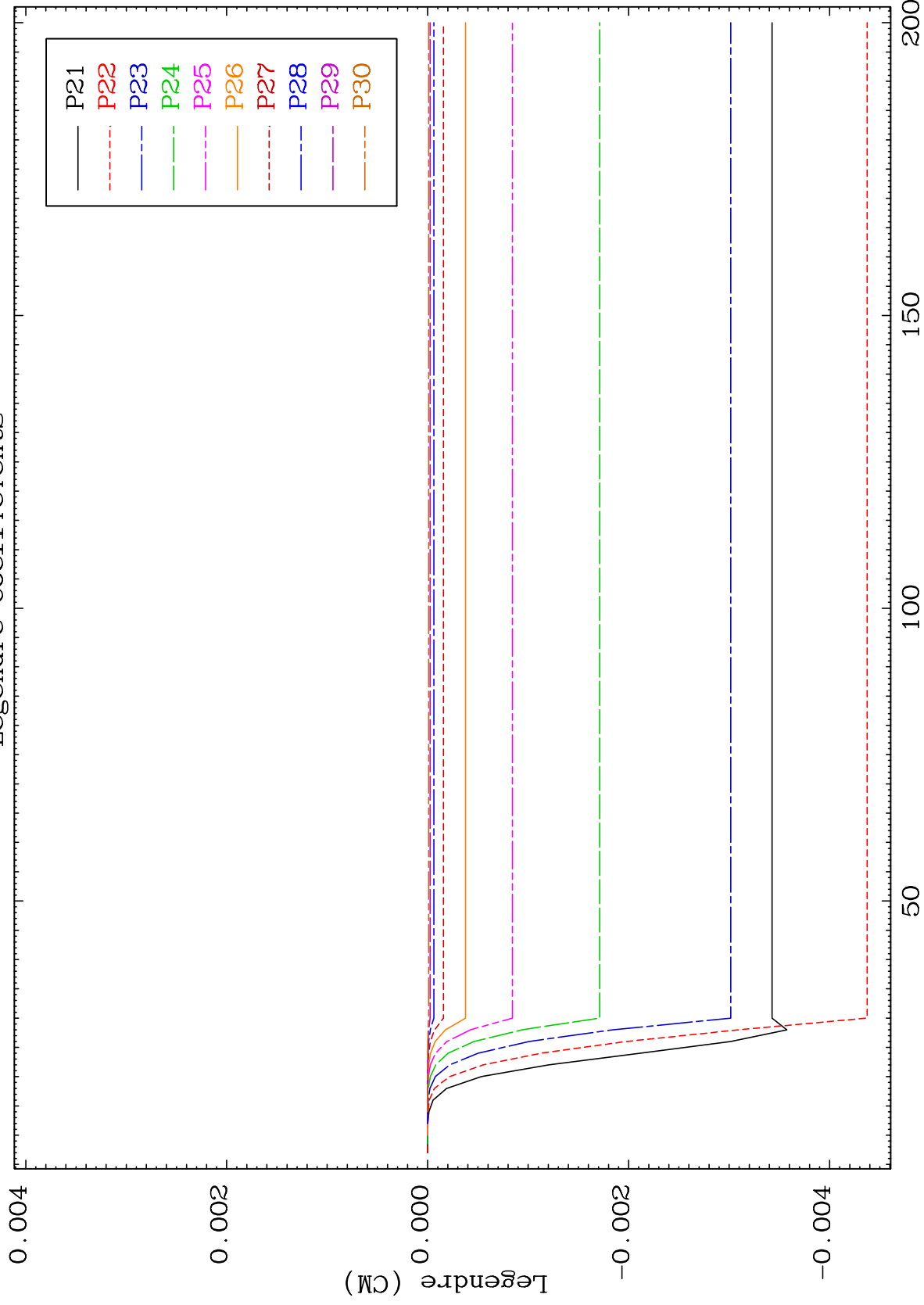
Incident Energy (MeV)

28

MAT 8334

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

83-Bi-212



29

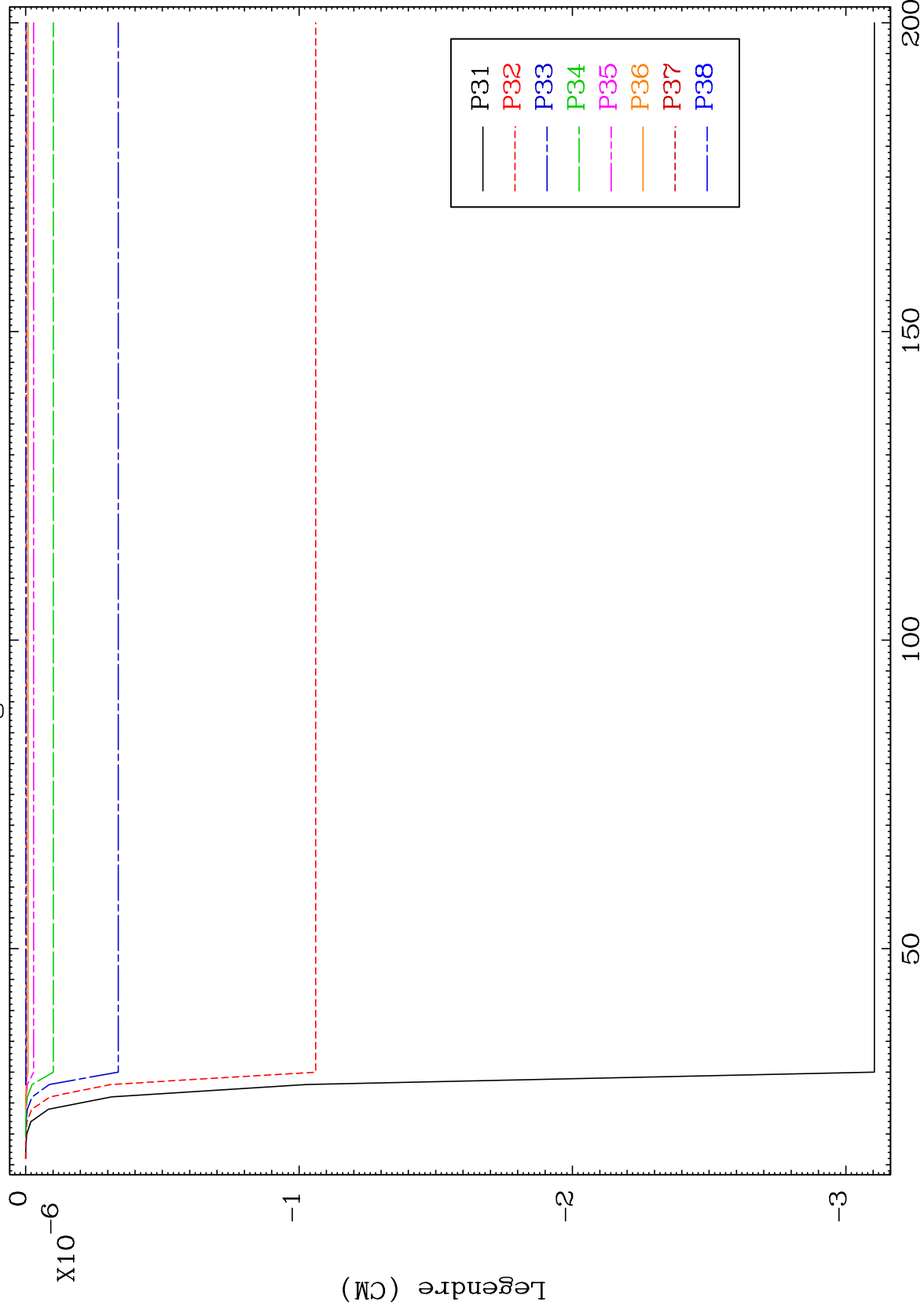
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



30

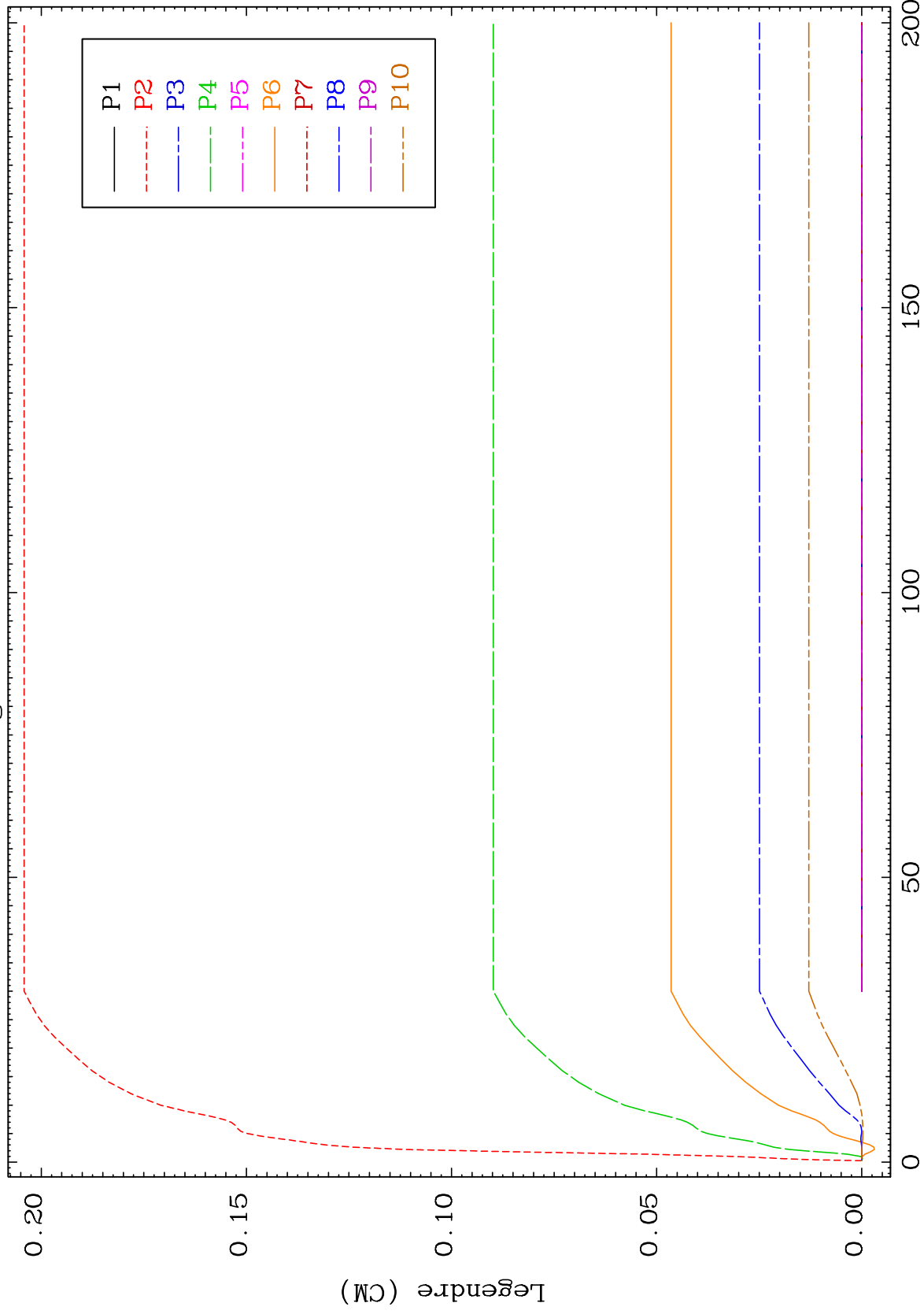
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212

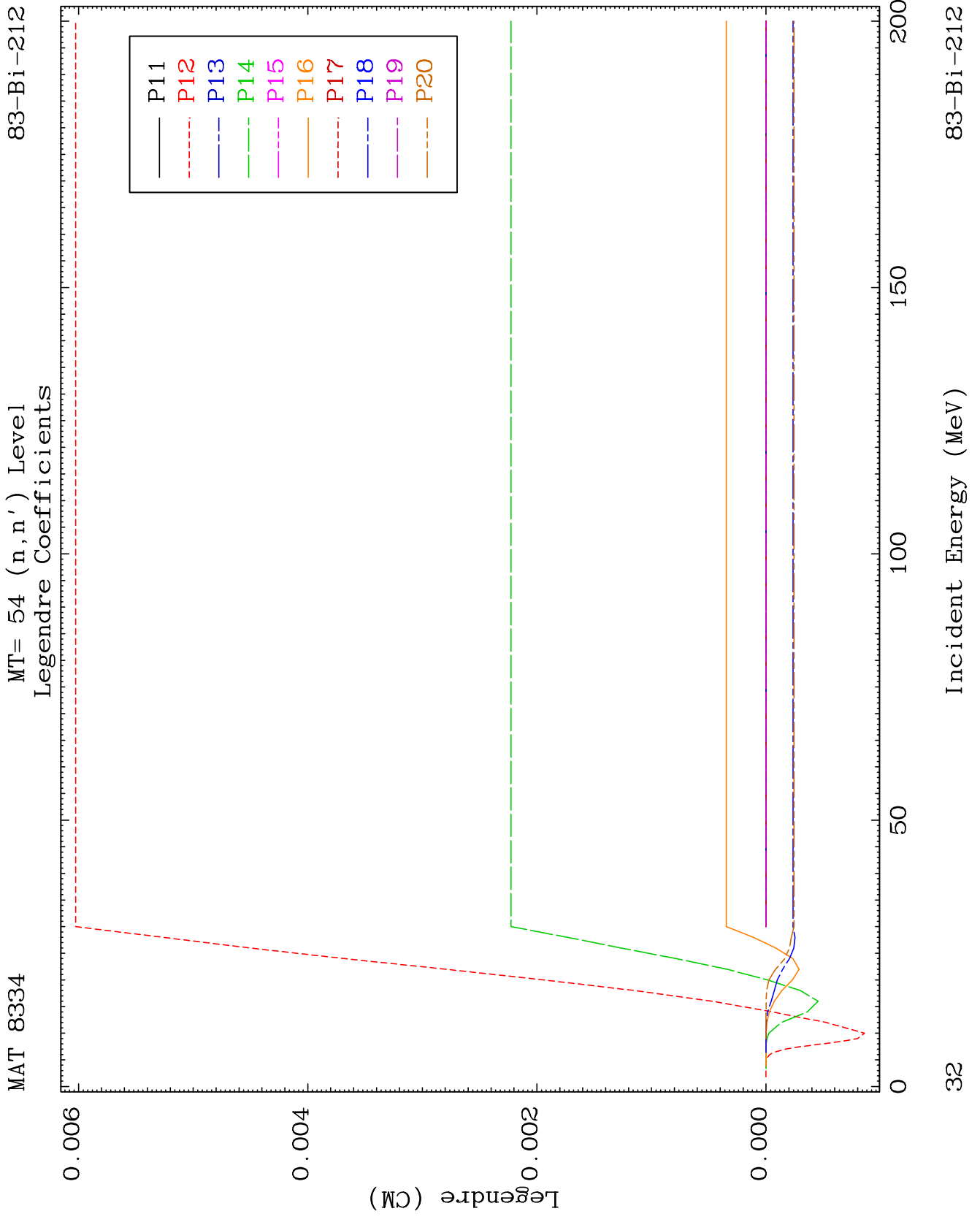


31

Incident Energy (MeV)

83-Bi-212

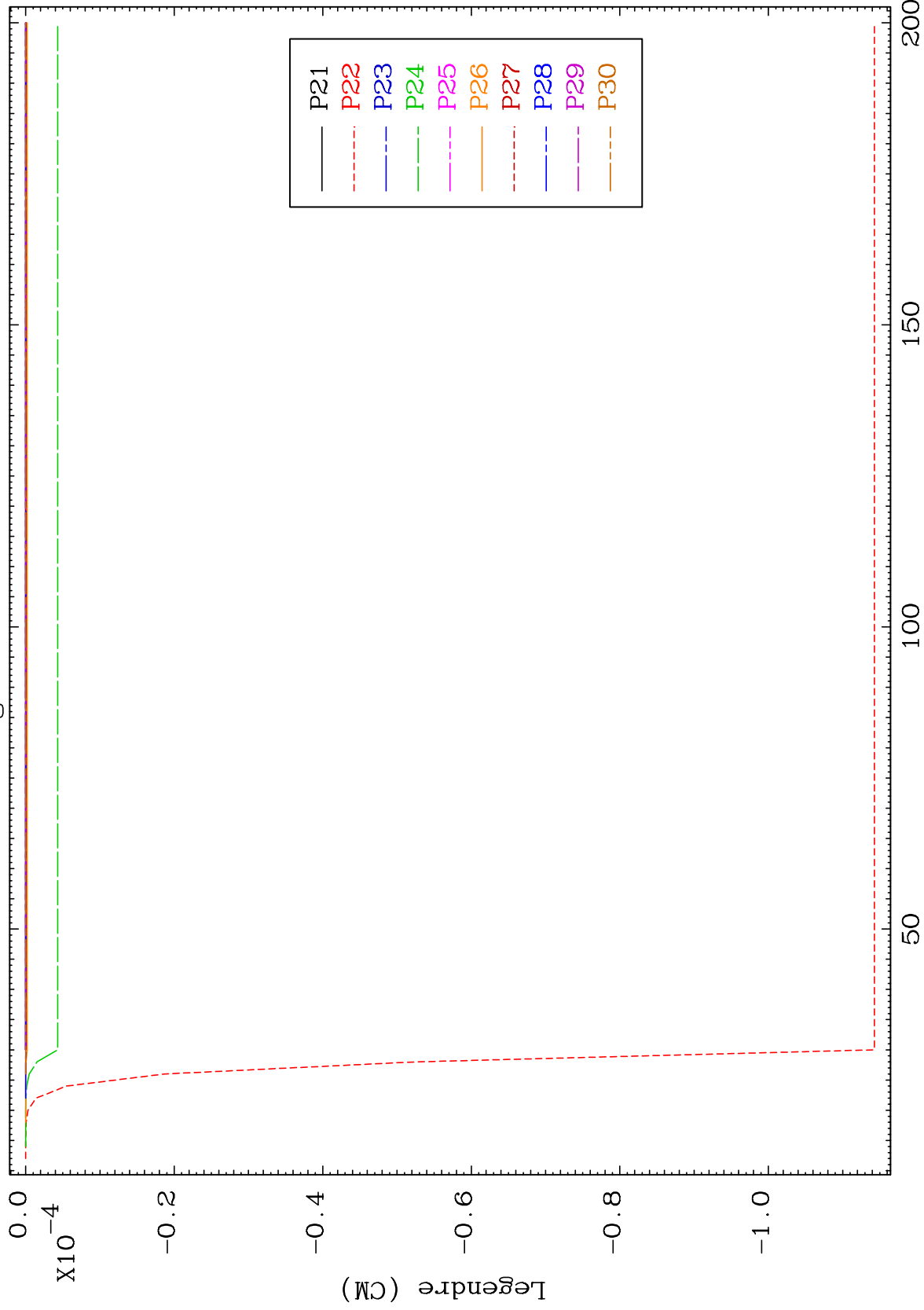




MAT 8334

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

83-Bi-212



33

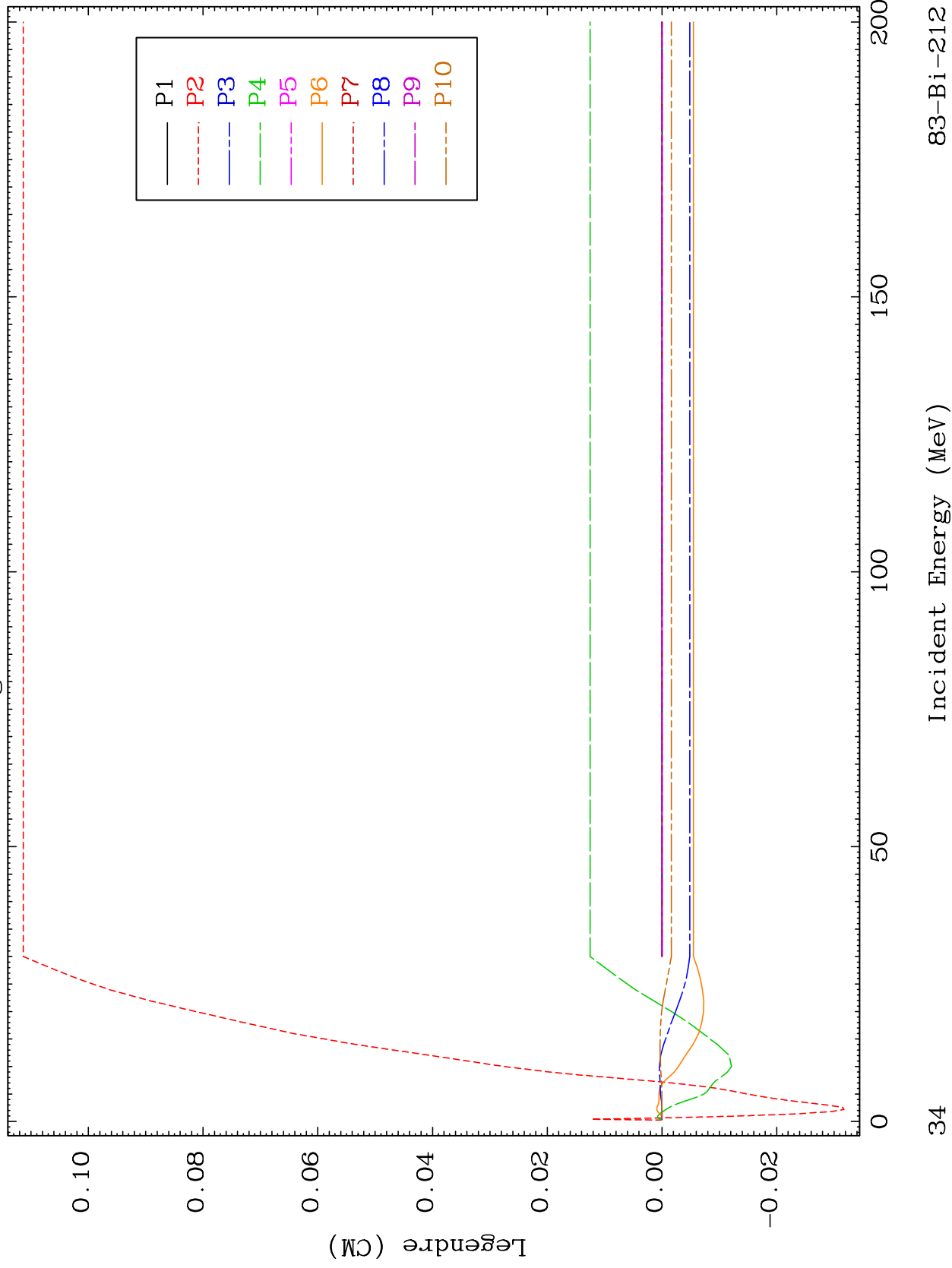
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

Incident Energy (MeV)

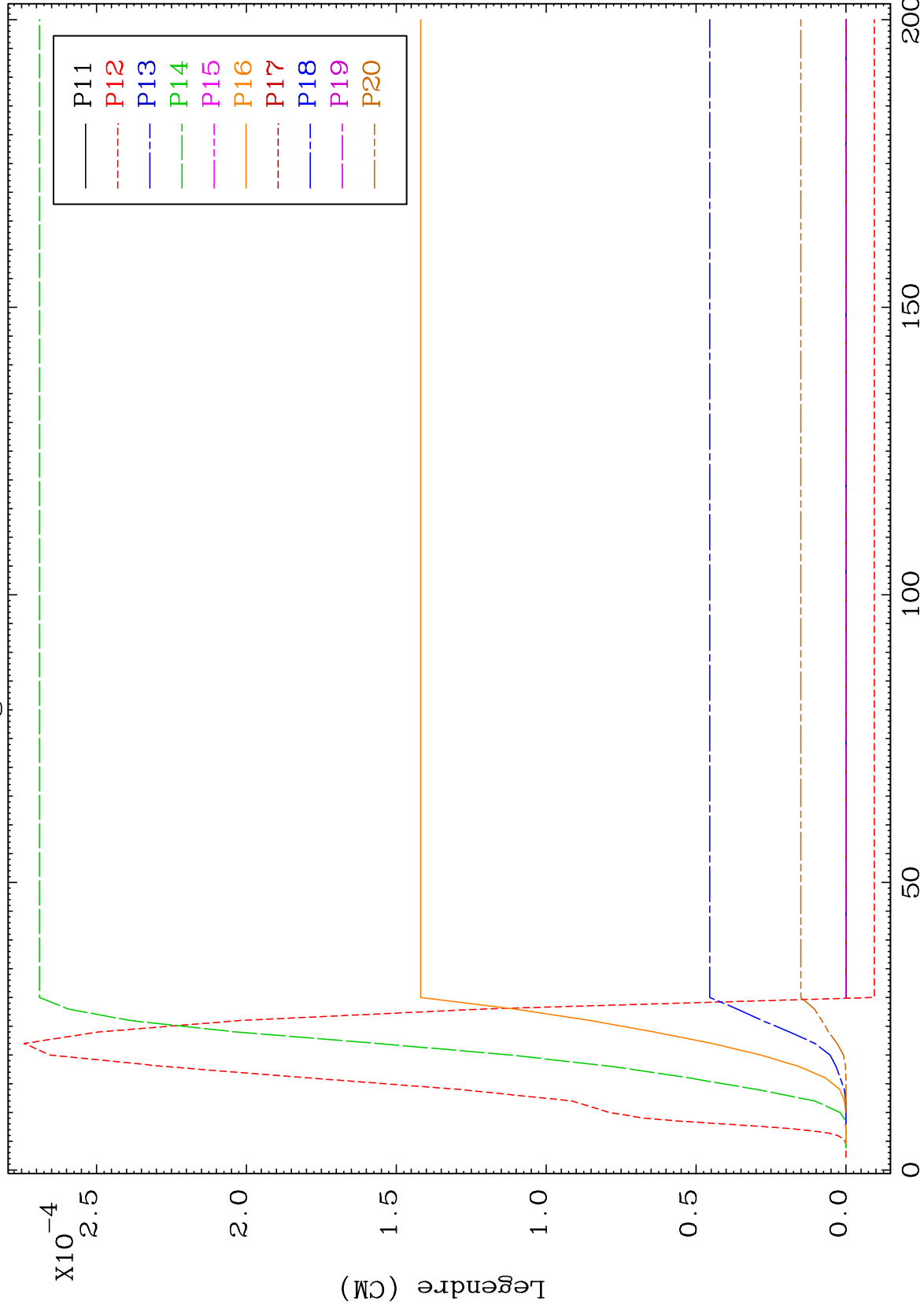
34

MAT 8334

MT= 55 (n,n') Level

83-Bi-212

Legendre Coefficients



35

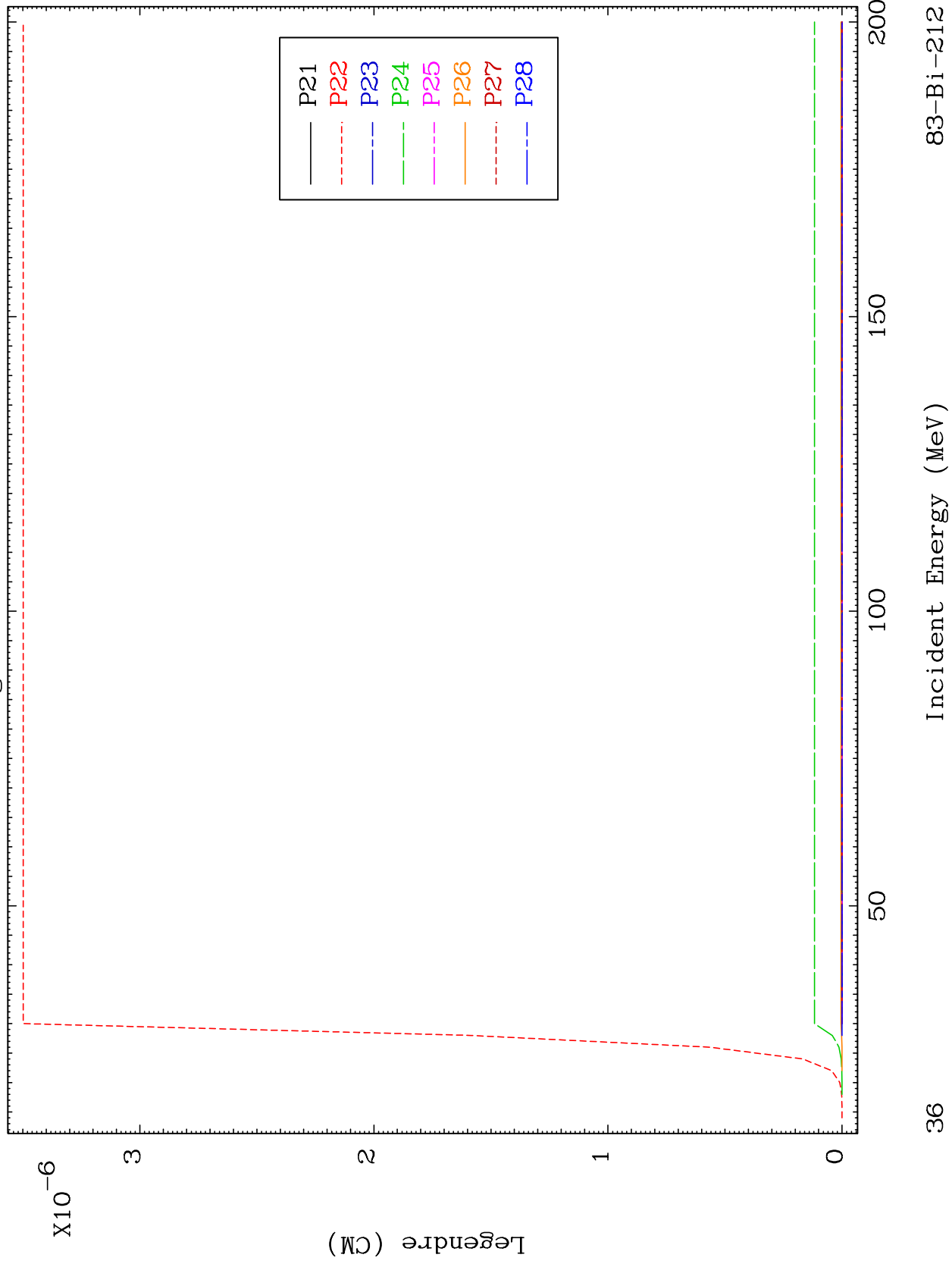
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



36

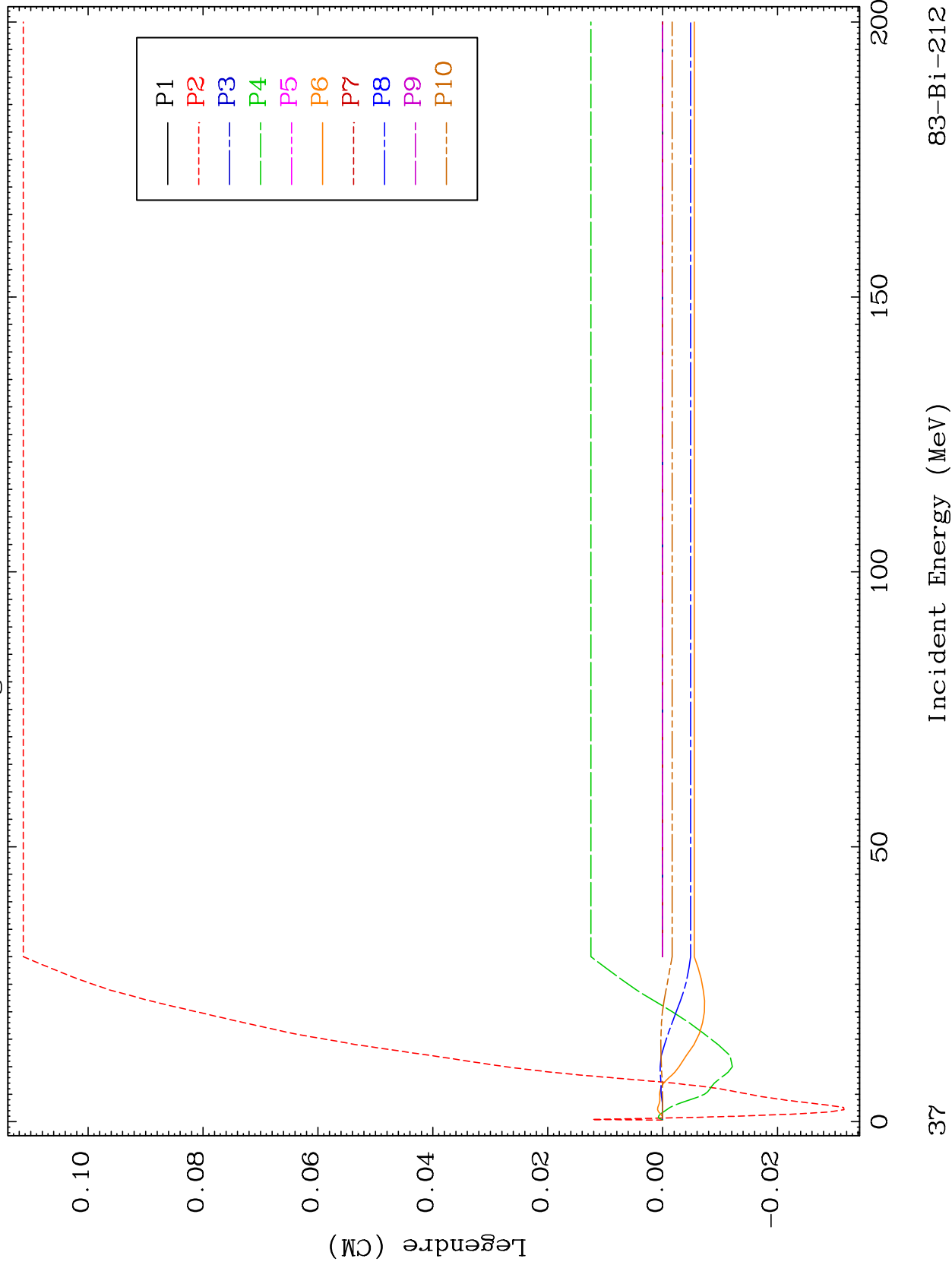
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

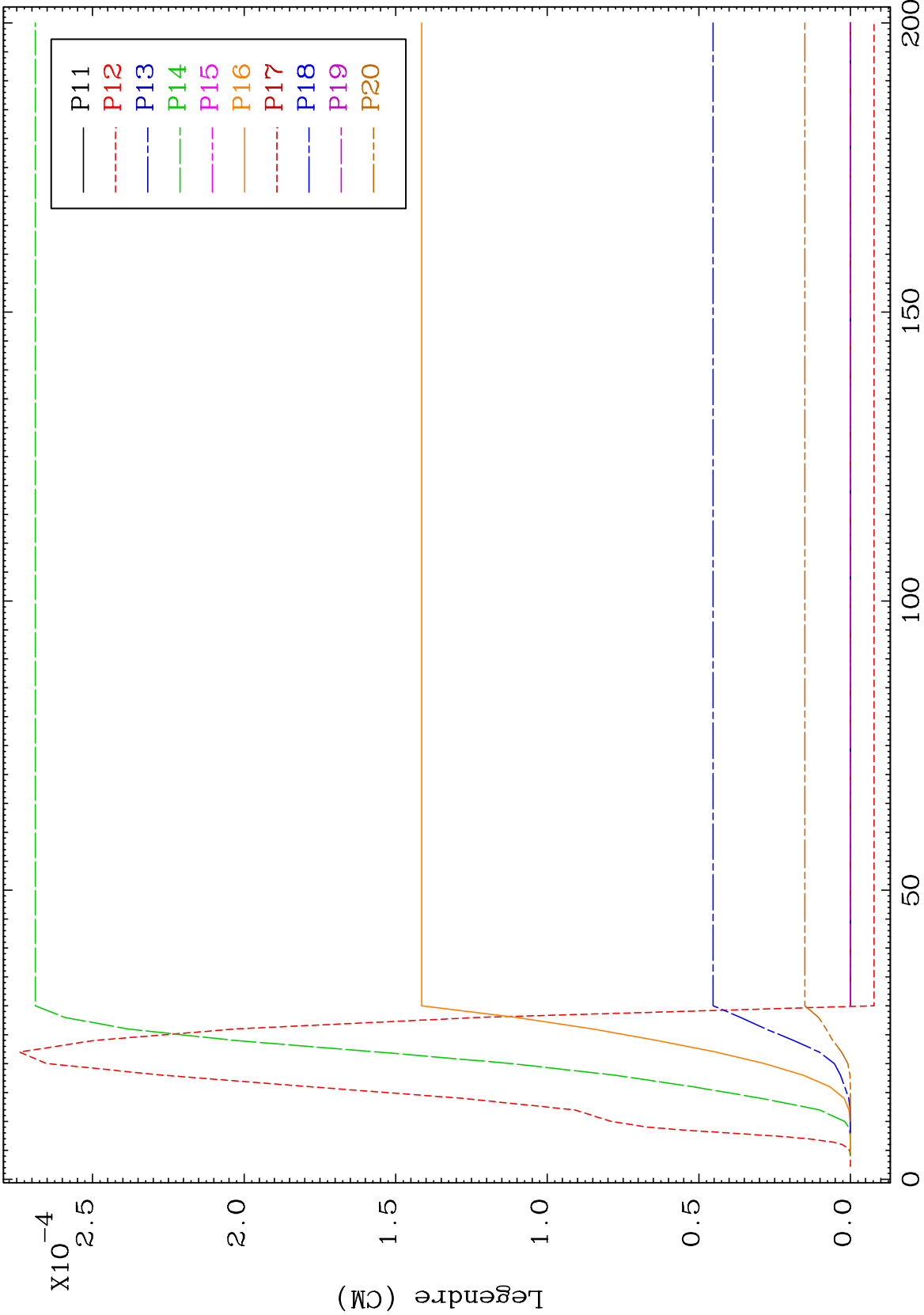
Incident Energy (MeV)

37

MAT 8334

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

83-Bi-212



38

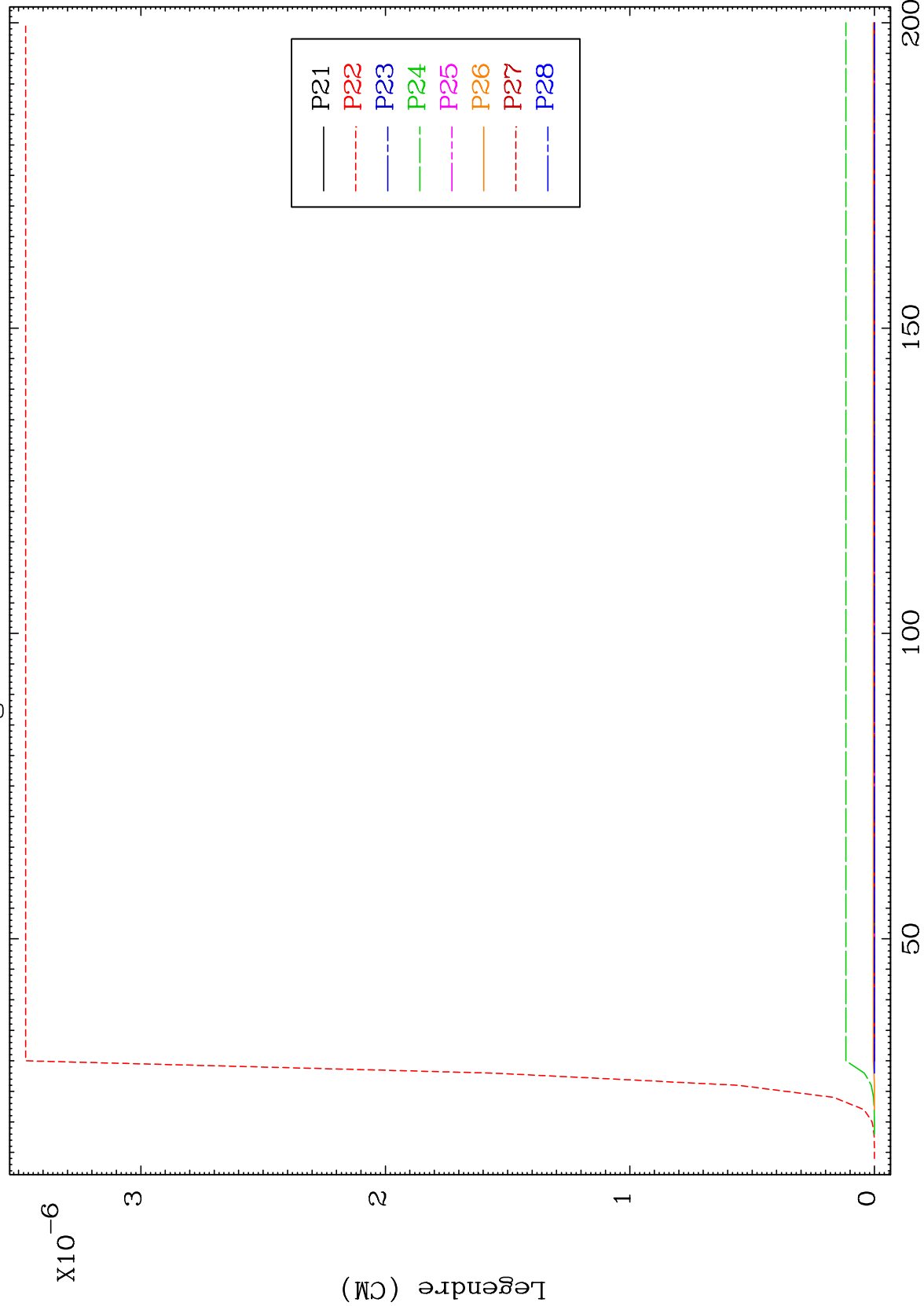
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



39

Incident Energy (MeV)

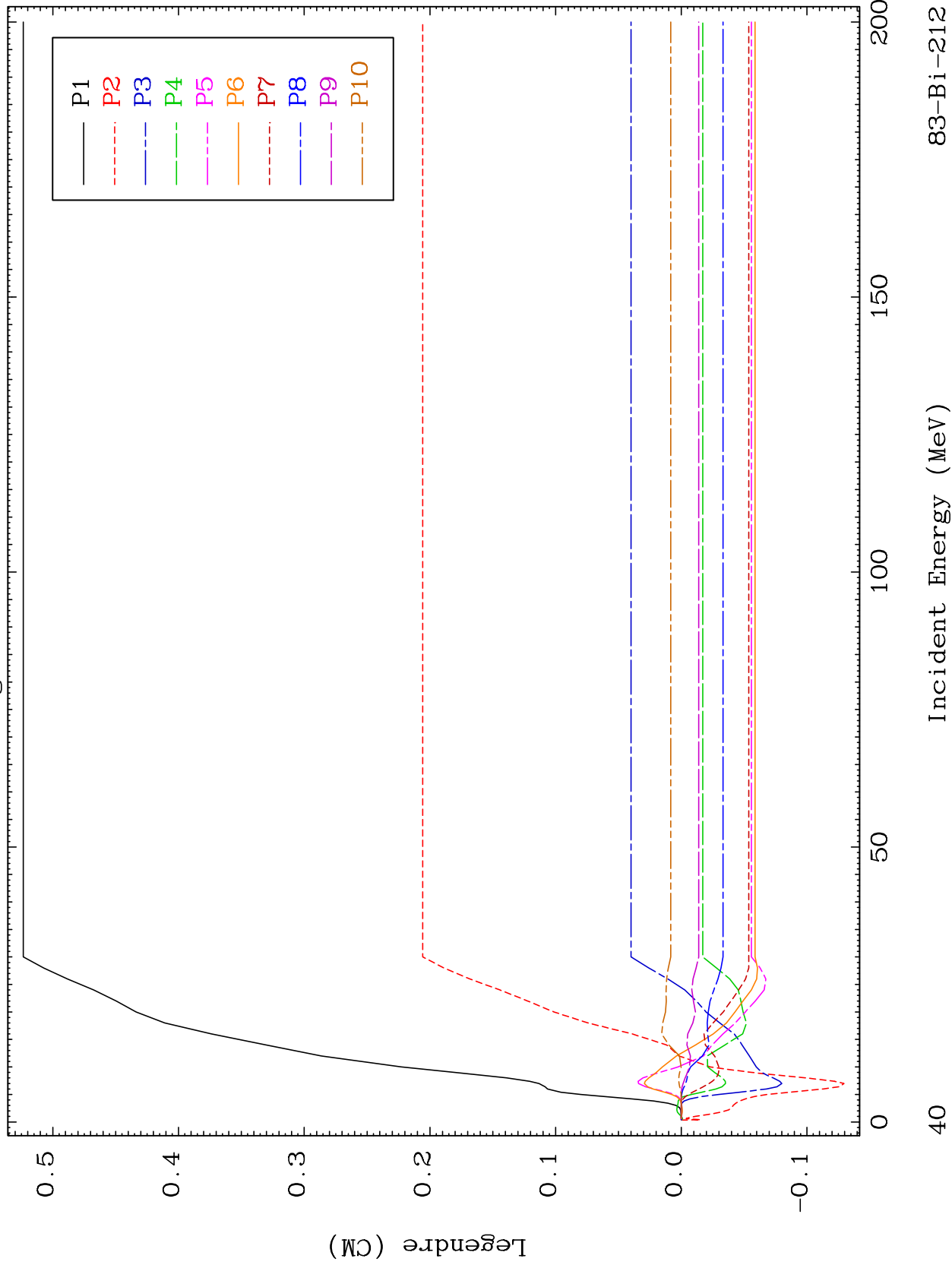
83-Bi-212



MAT 8334

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

83-Bi-212

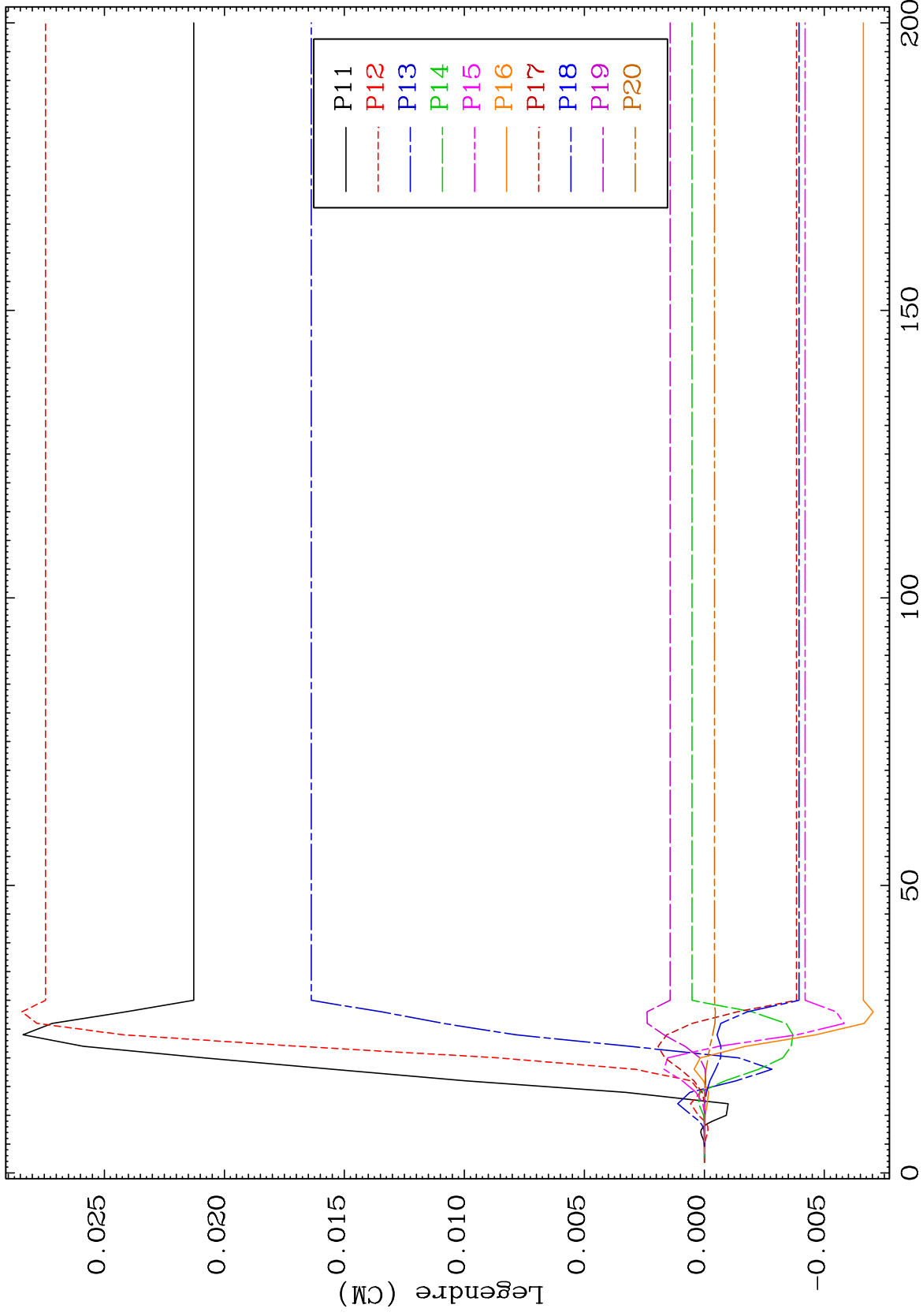


83-Bi-212

MAT 8334

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

83-Bi-212



41

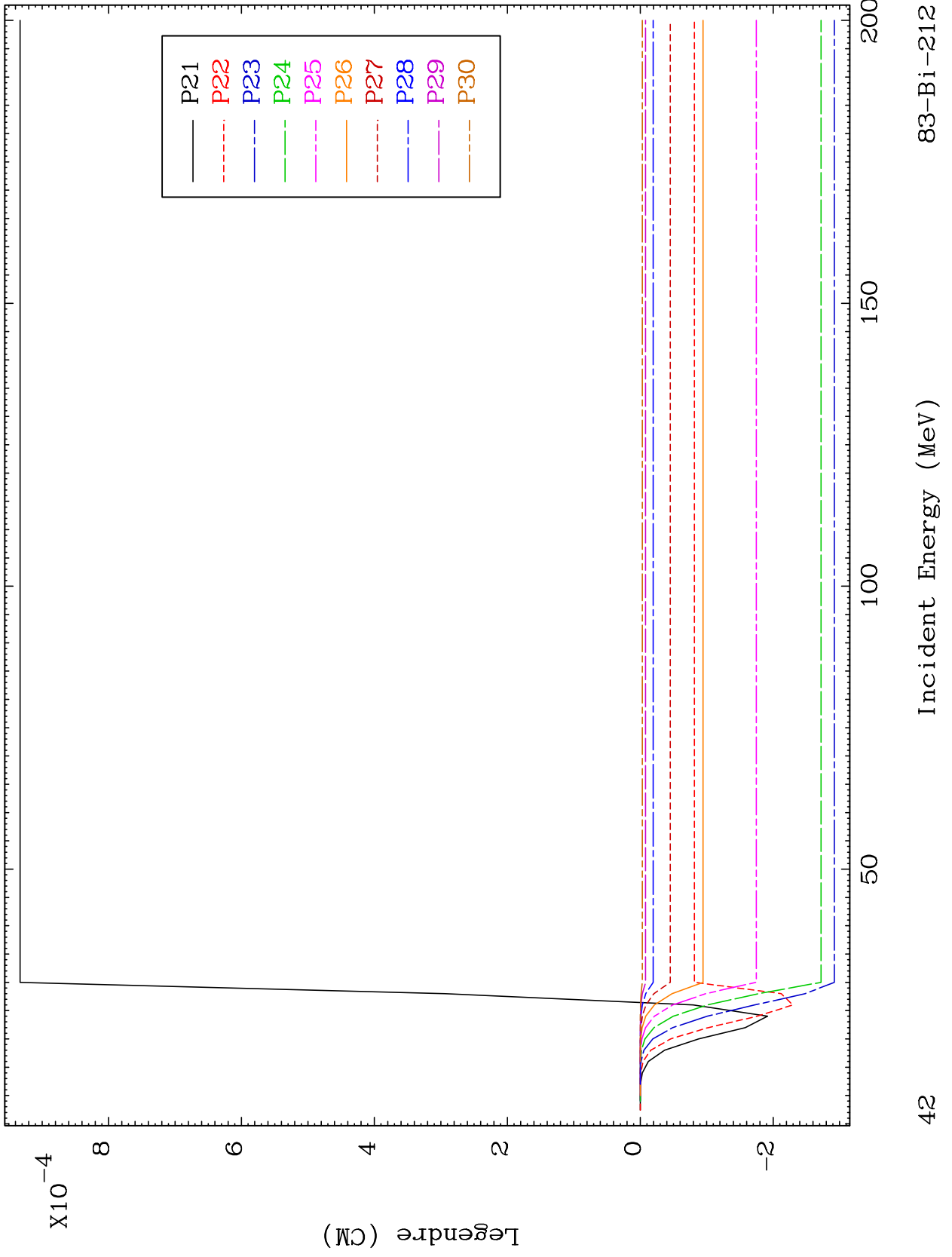
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



42

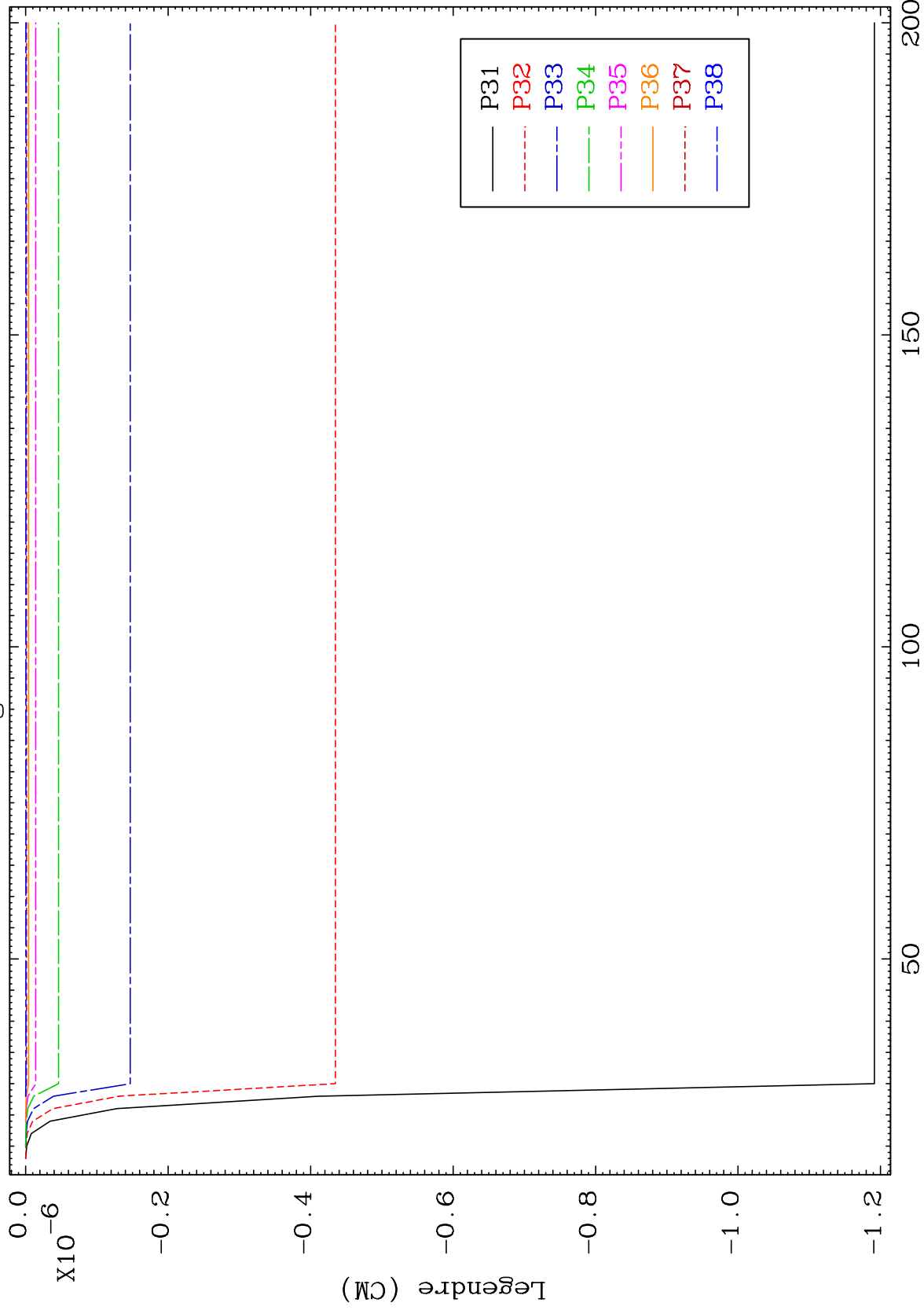
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



43

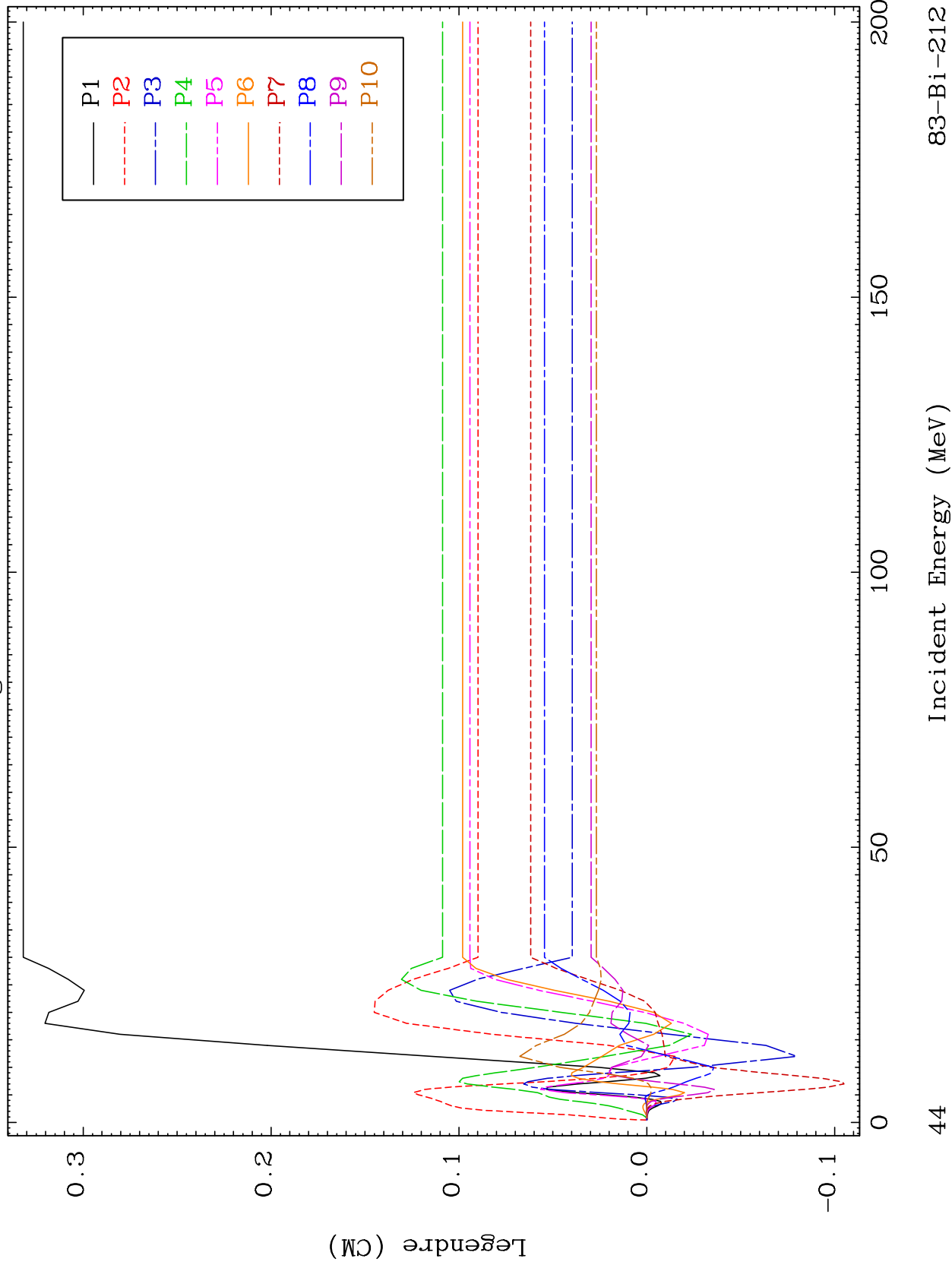
83-Bi-212

83-Bi-212

MAT 8334

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

83-Bi-212



44

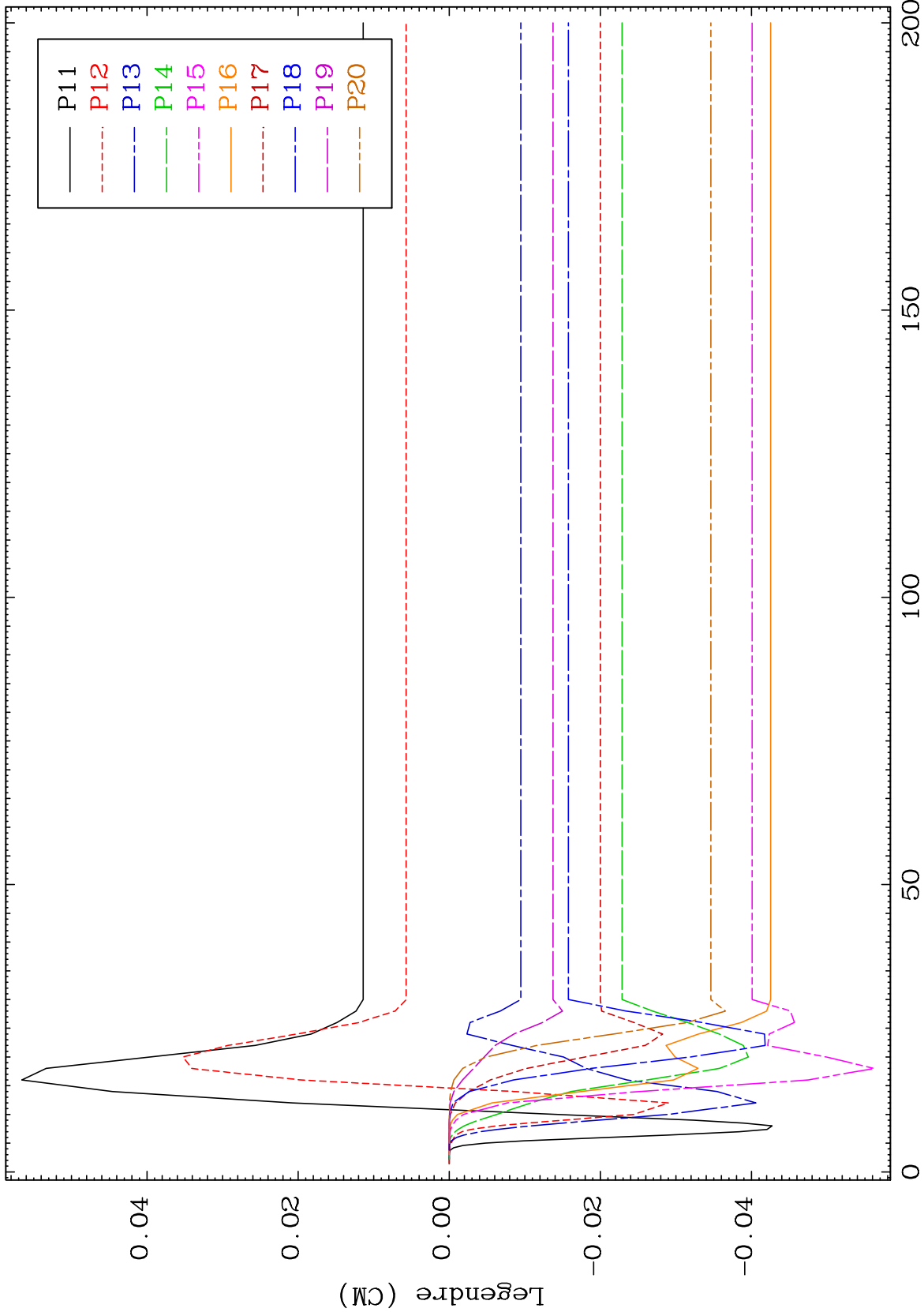
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

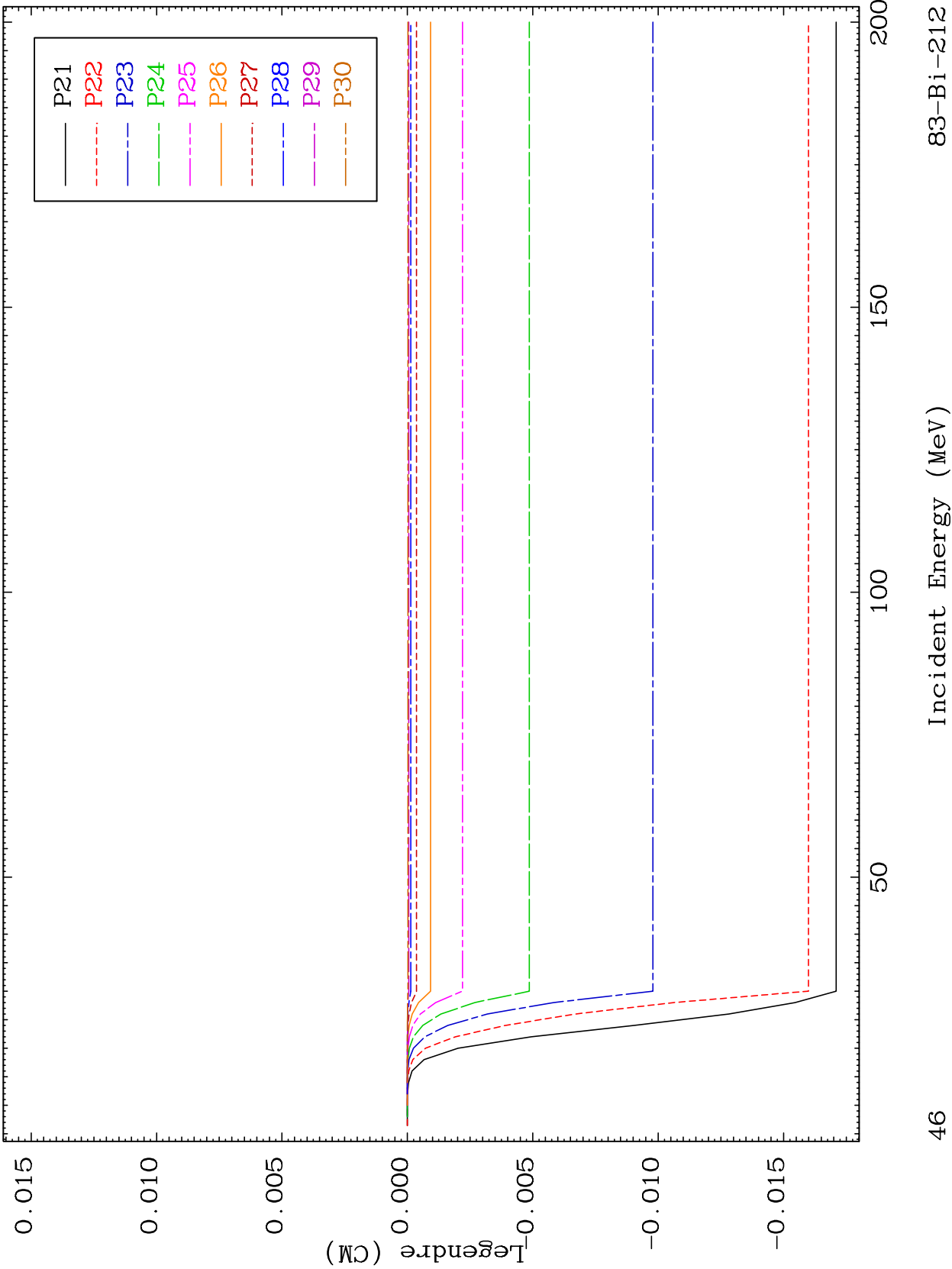
Incident Energy (MeV)

45

MAT 8334

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

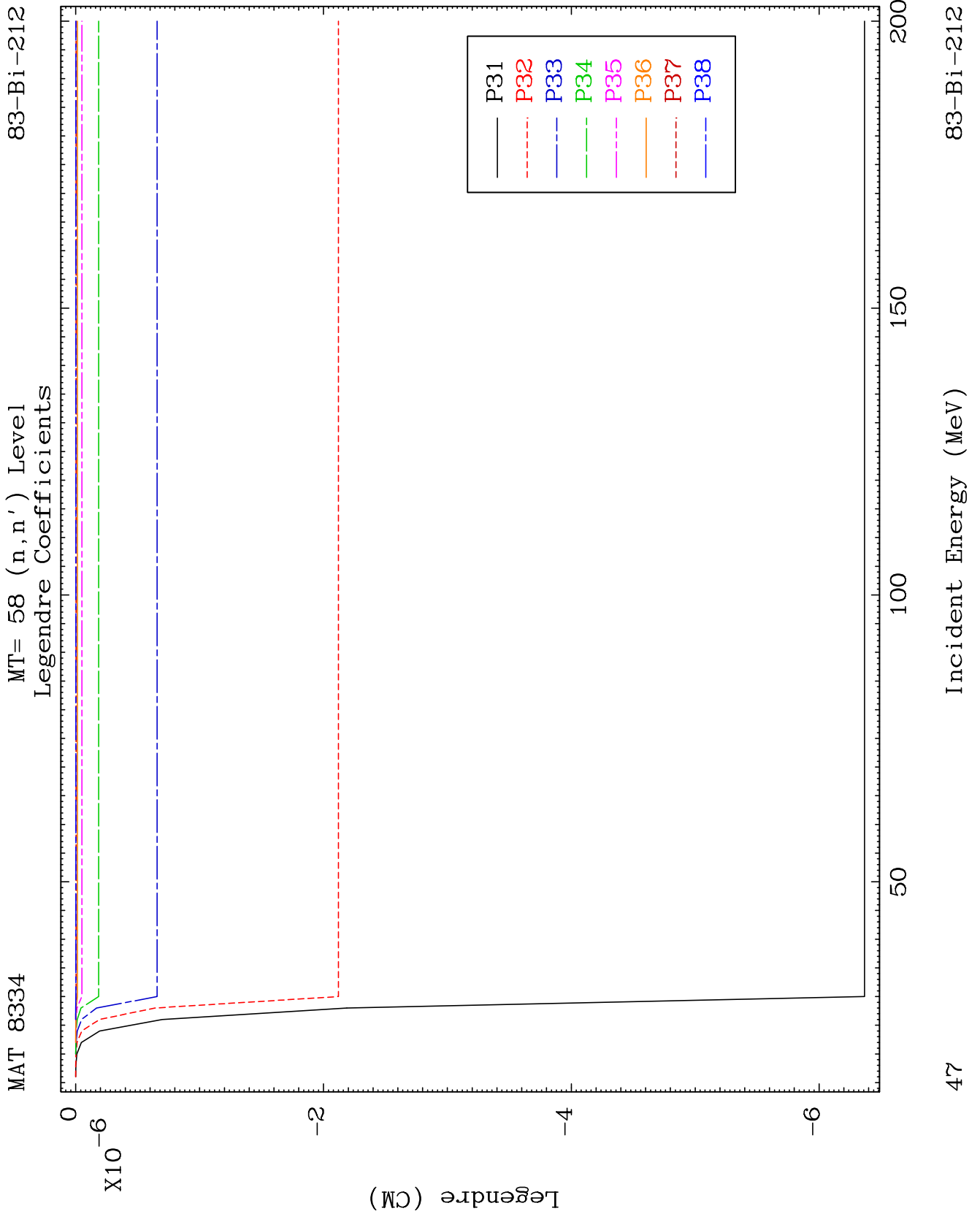
83-Bi-212



46

Incident Energy (MeV)

83-Bi-212



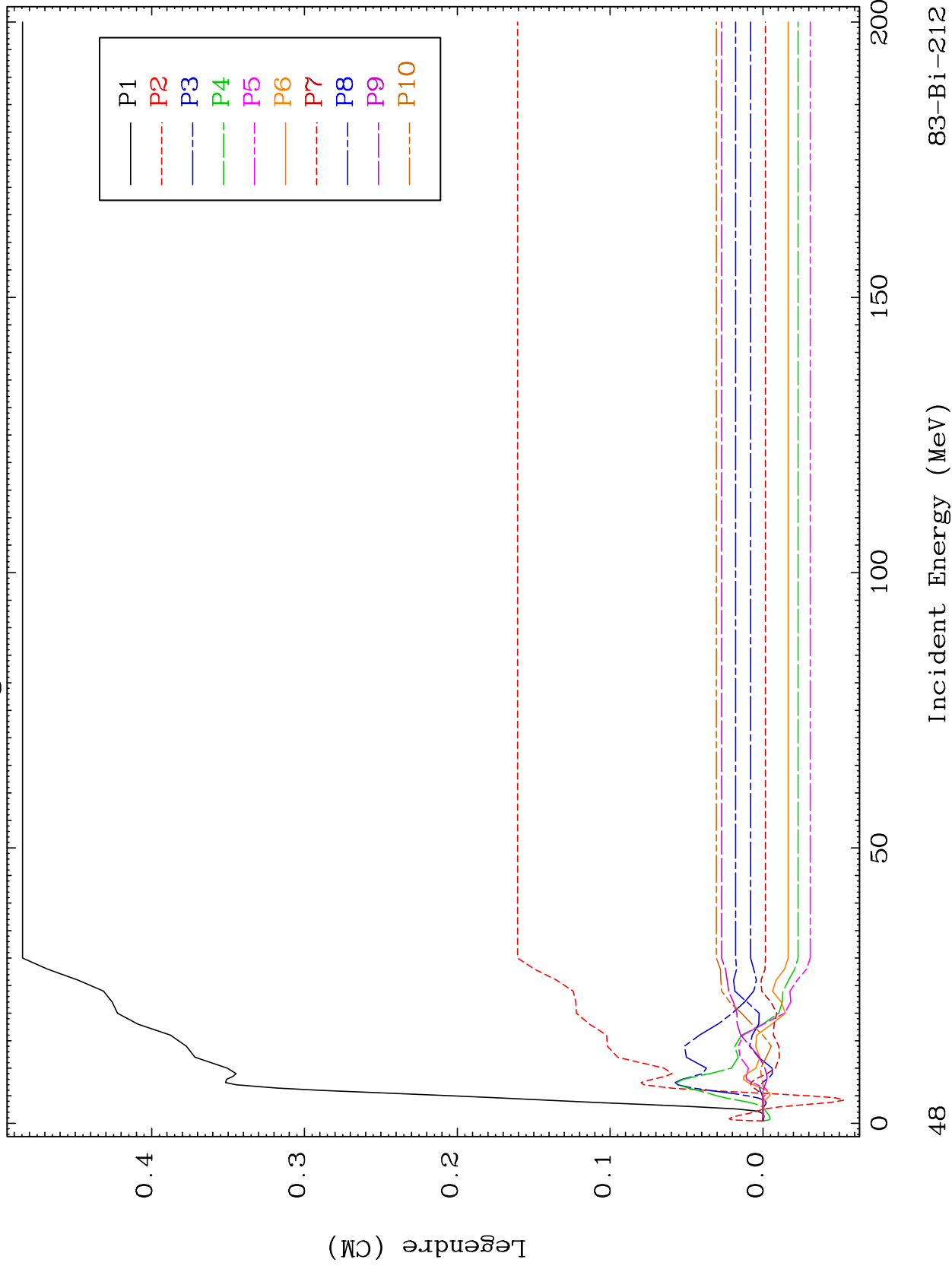


MAT 8334

MT= 59 (n,n') Level

83-Bi-212

Legendre Coefficients



83-Bi-212

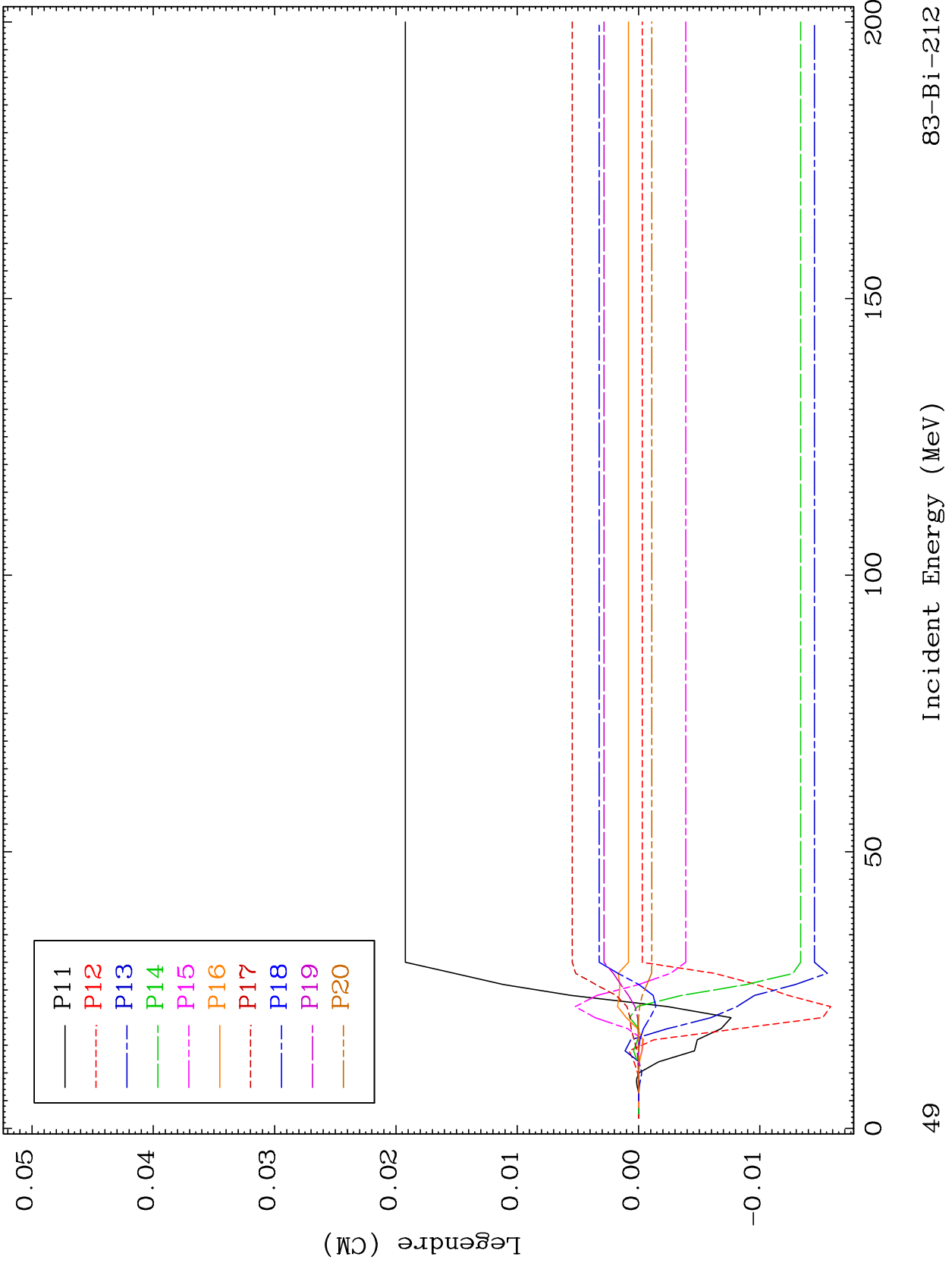
Incident Energy (MeV)

48

MAT 8334

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

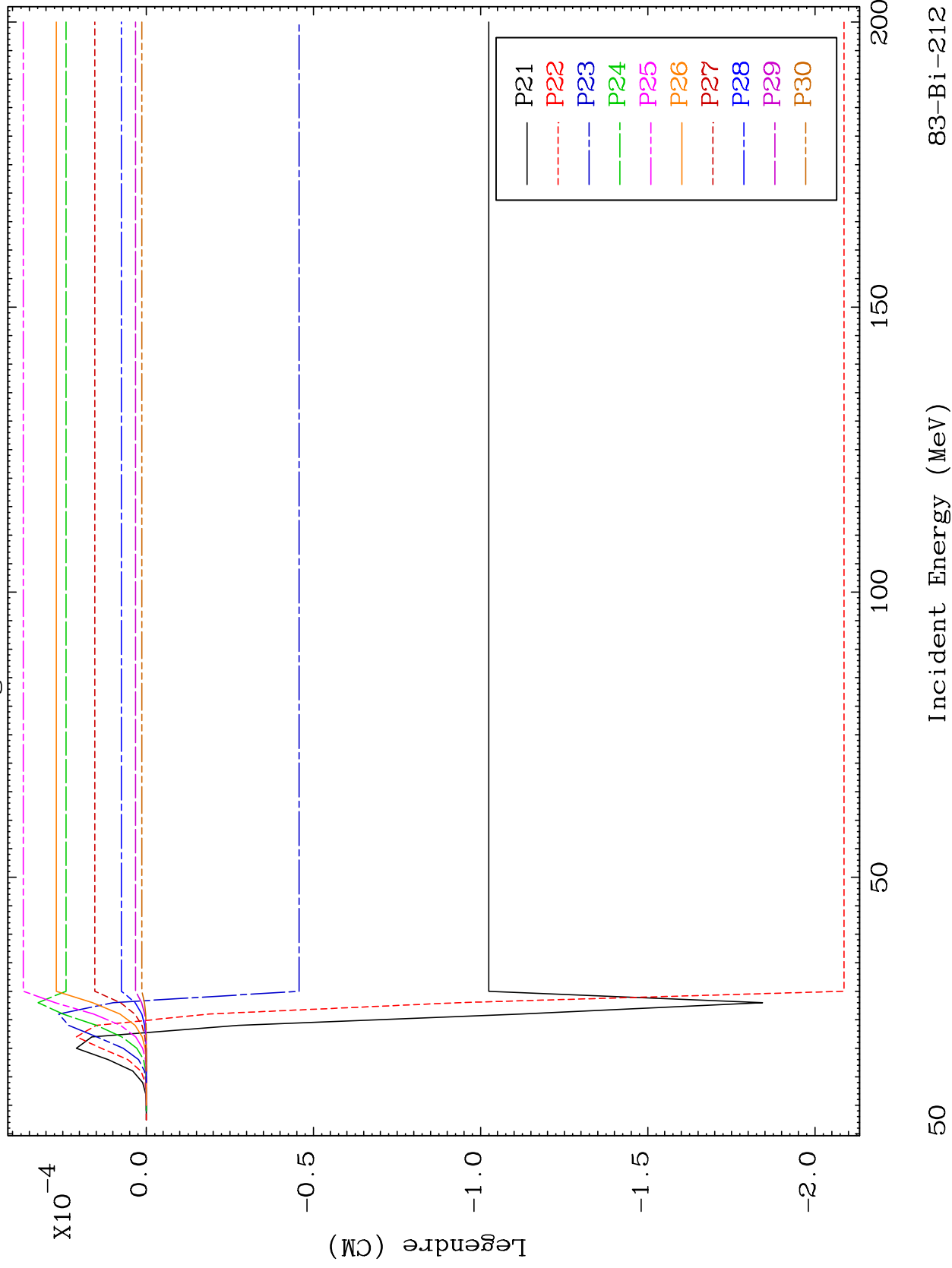
83-Bi-212



MAT 8334

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

83-Bi-212



83-Bi-212

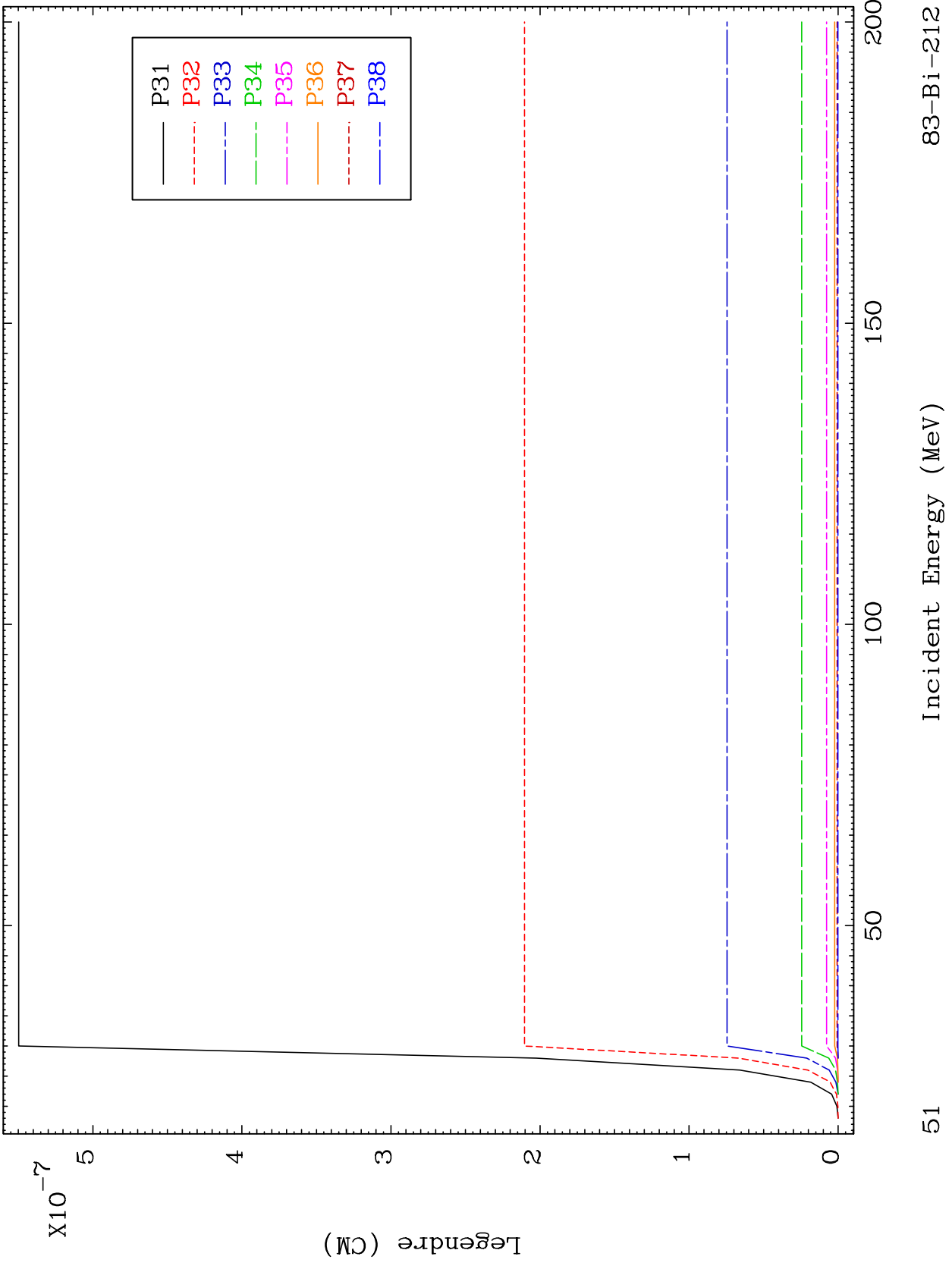
Incident Energy (MeV)

50

MAT 8334

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

83-Bi-212



51

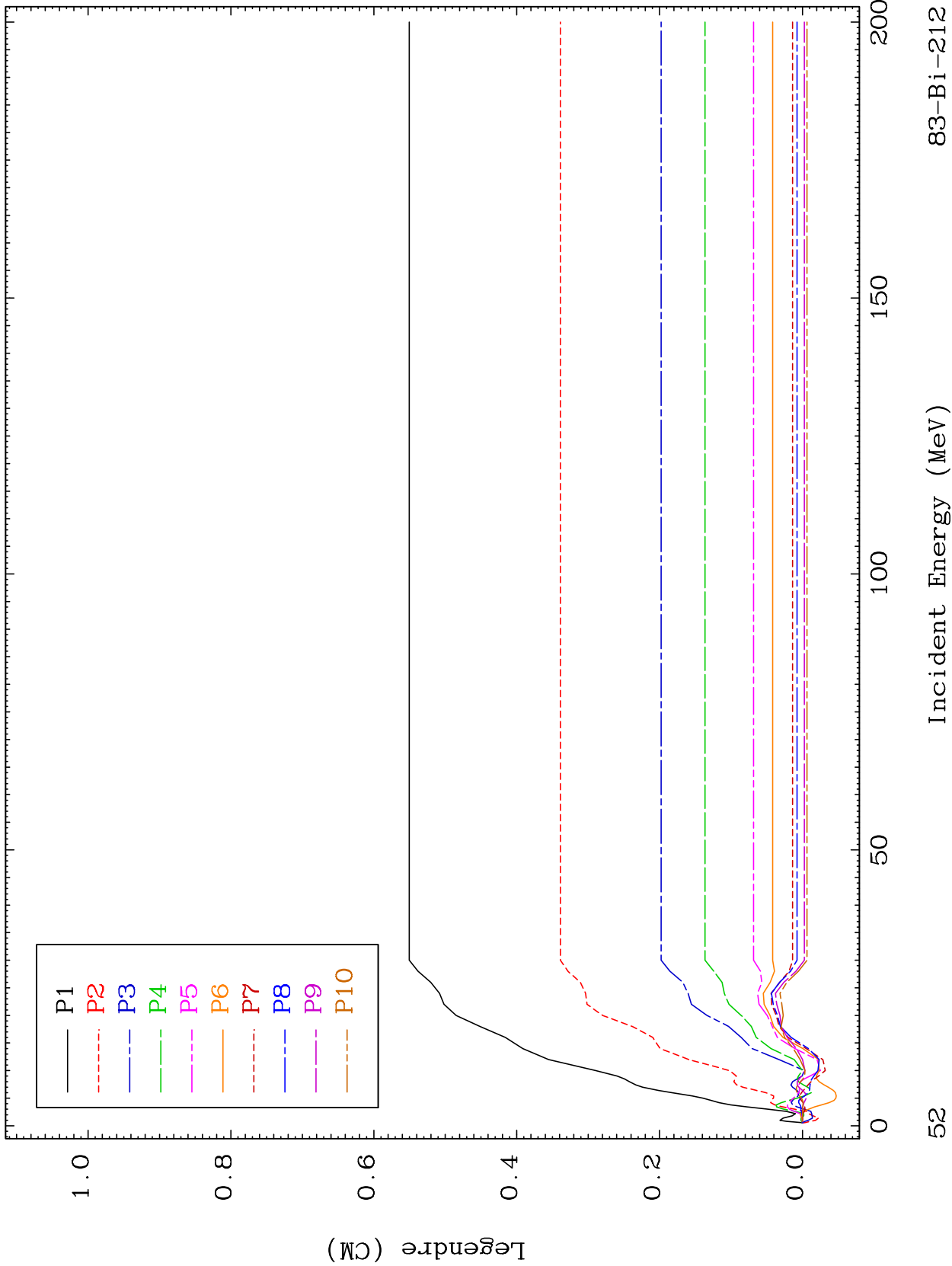
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



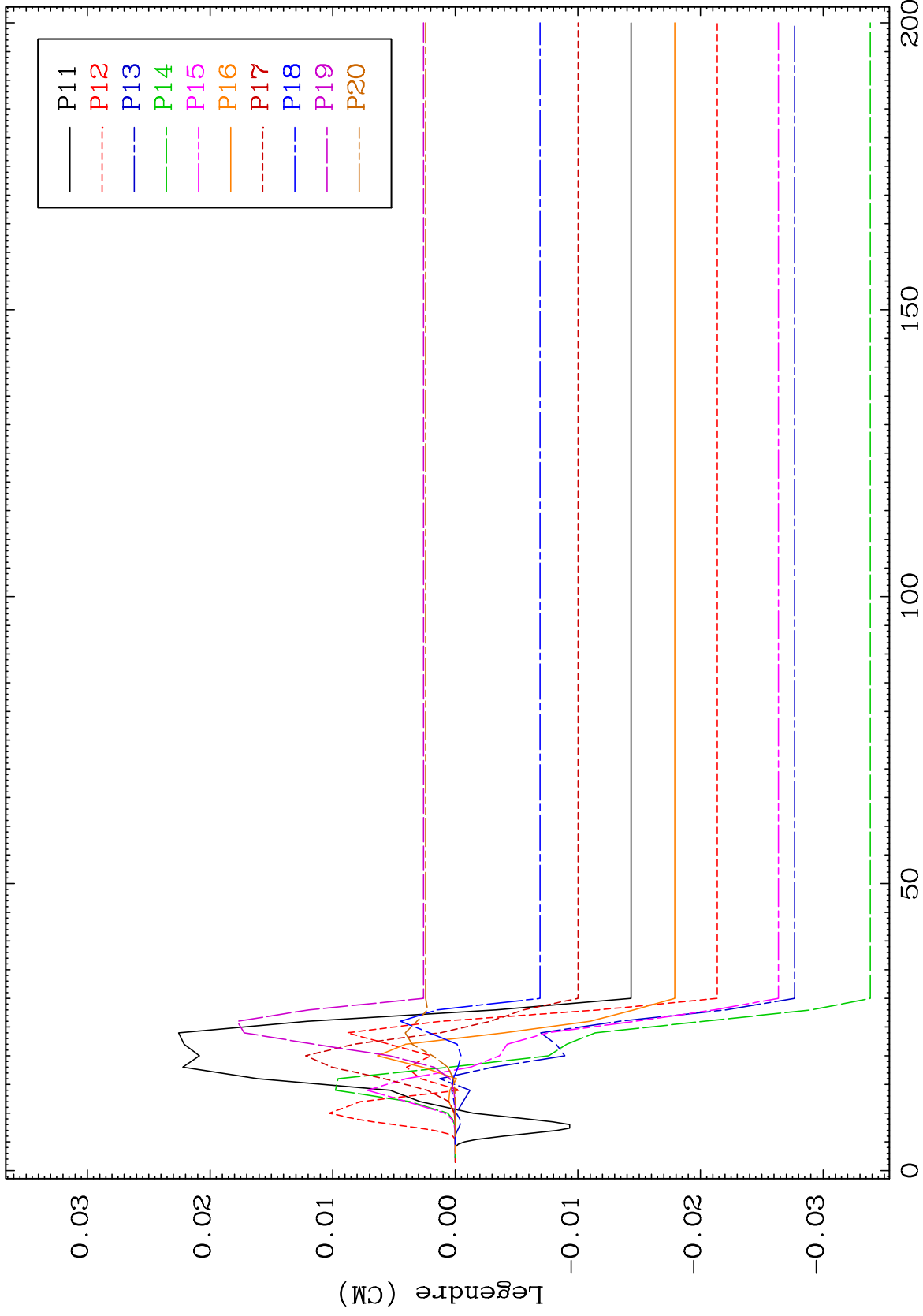
52

83-Bi-212

MAT 8334

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

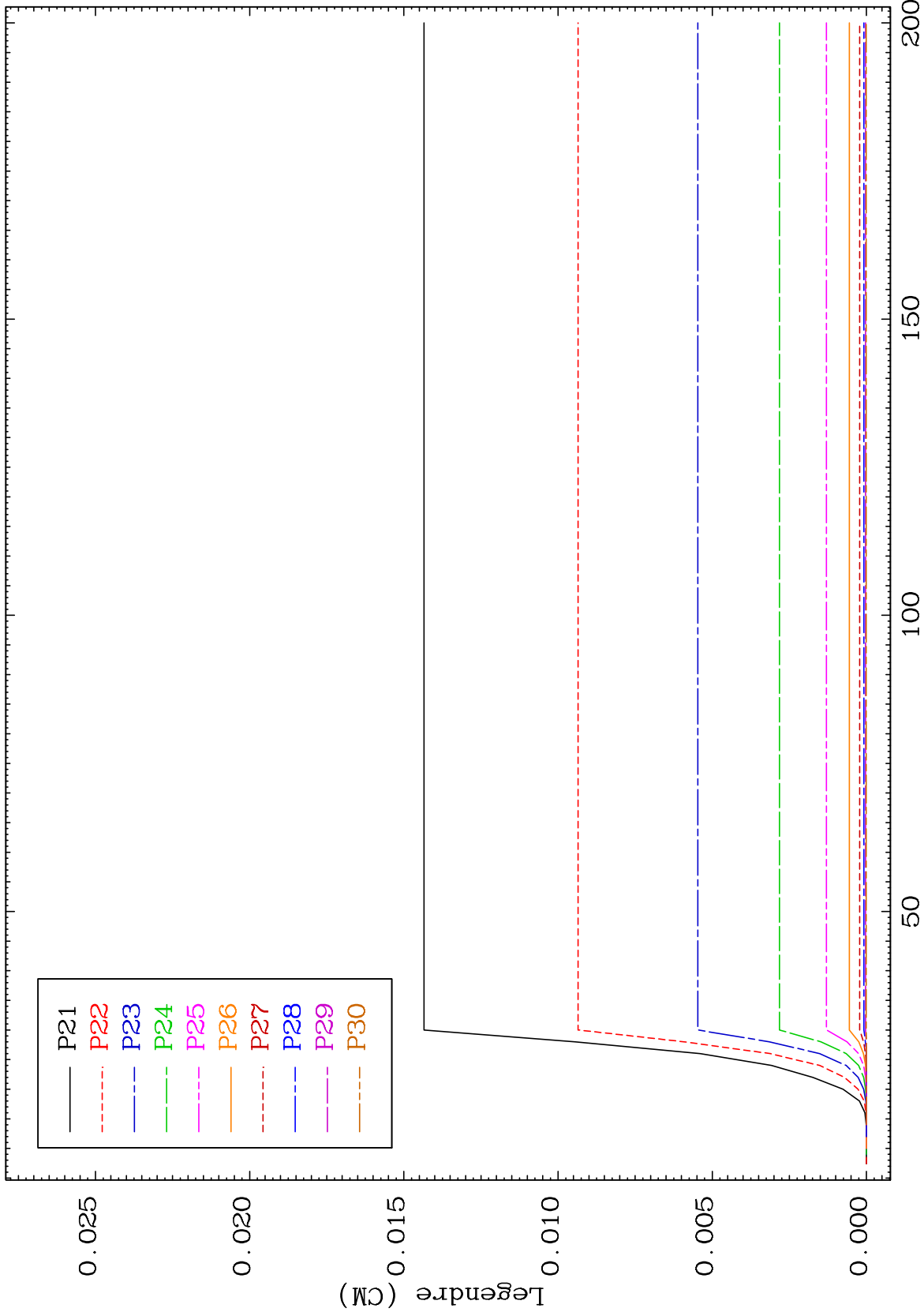
83-Bi-212



53

Incident Energy (MeV)

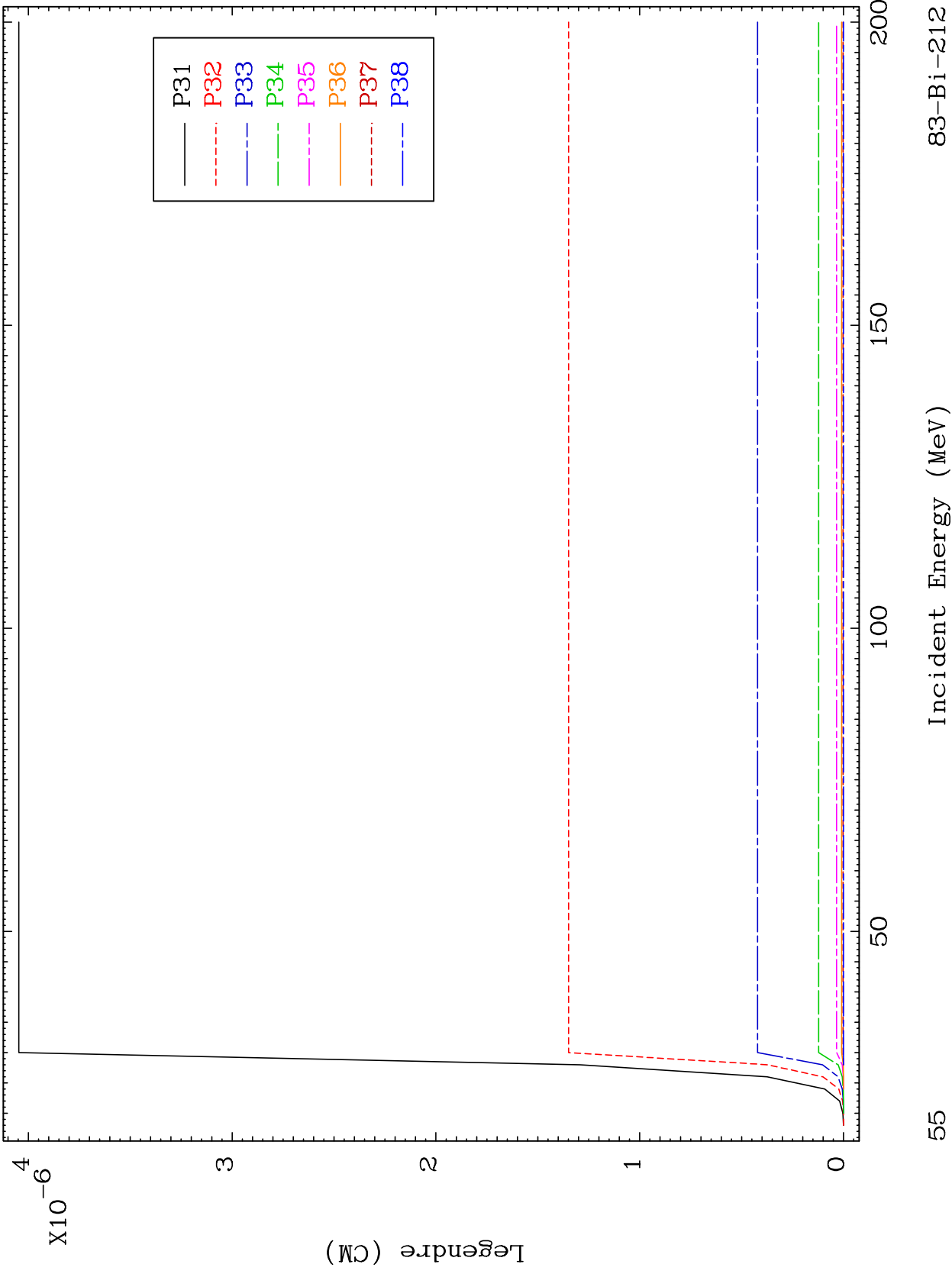
83-Bi-212



MAT 8334

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

83-Bi-212



55

Incident Energy (MeV)

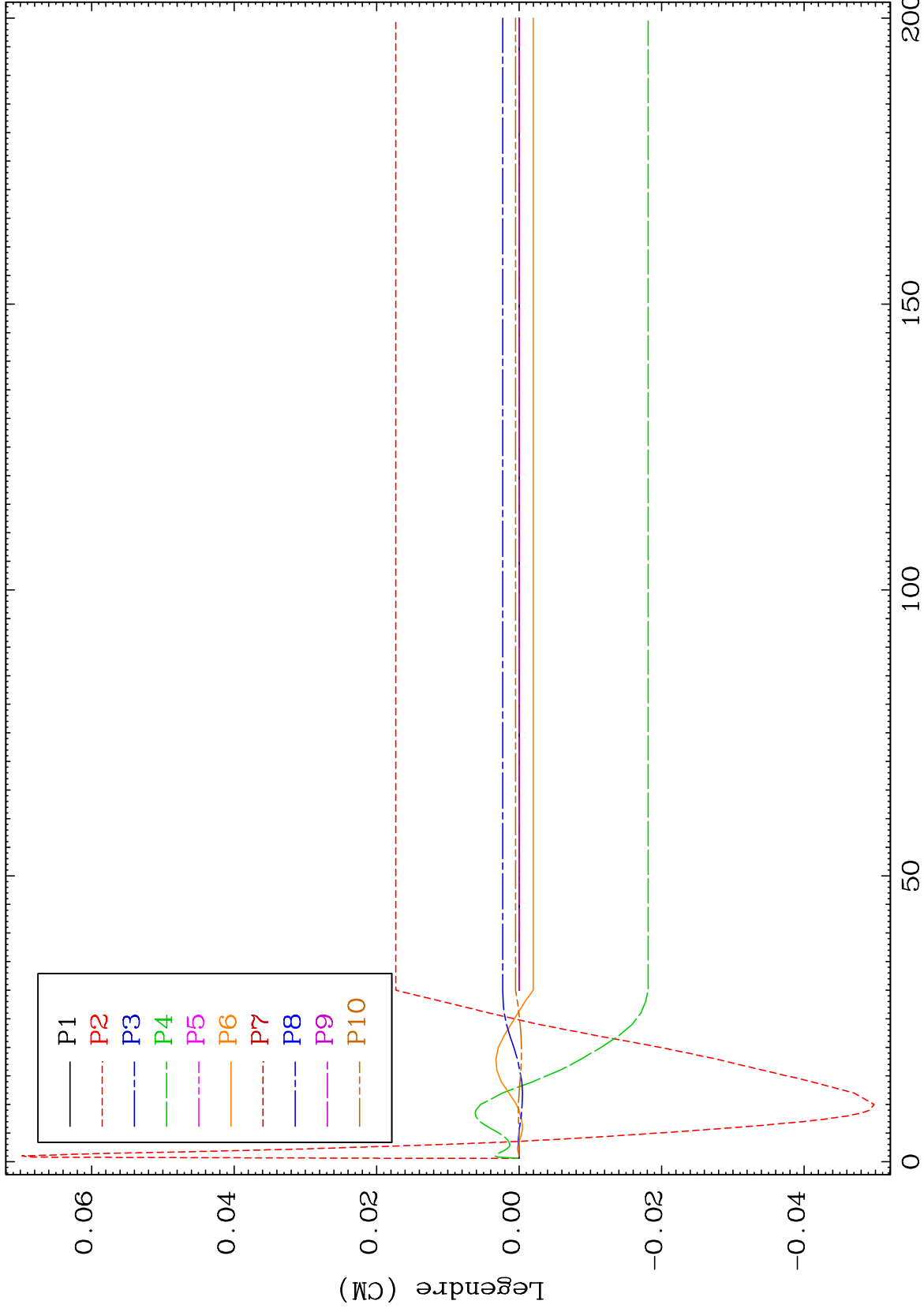
83-Bi-212



MAT 8334

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

83-Bi-212



56

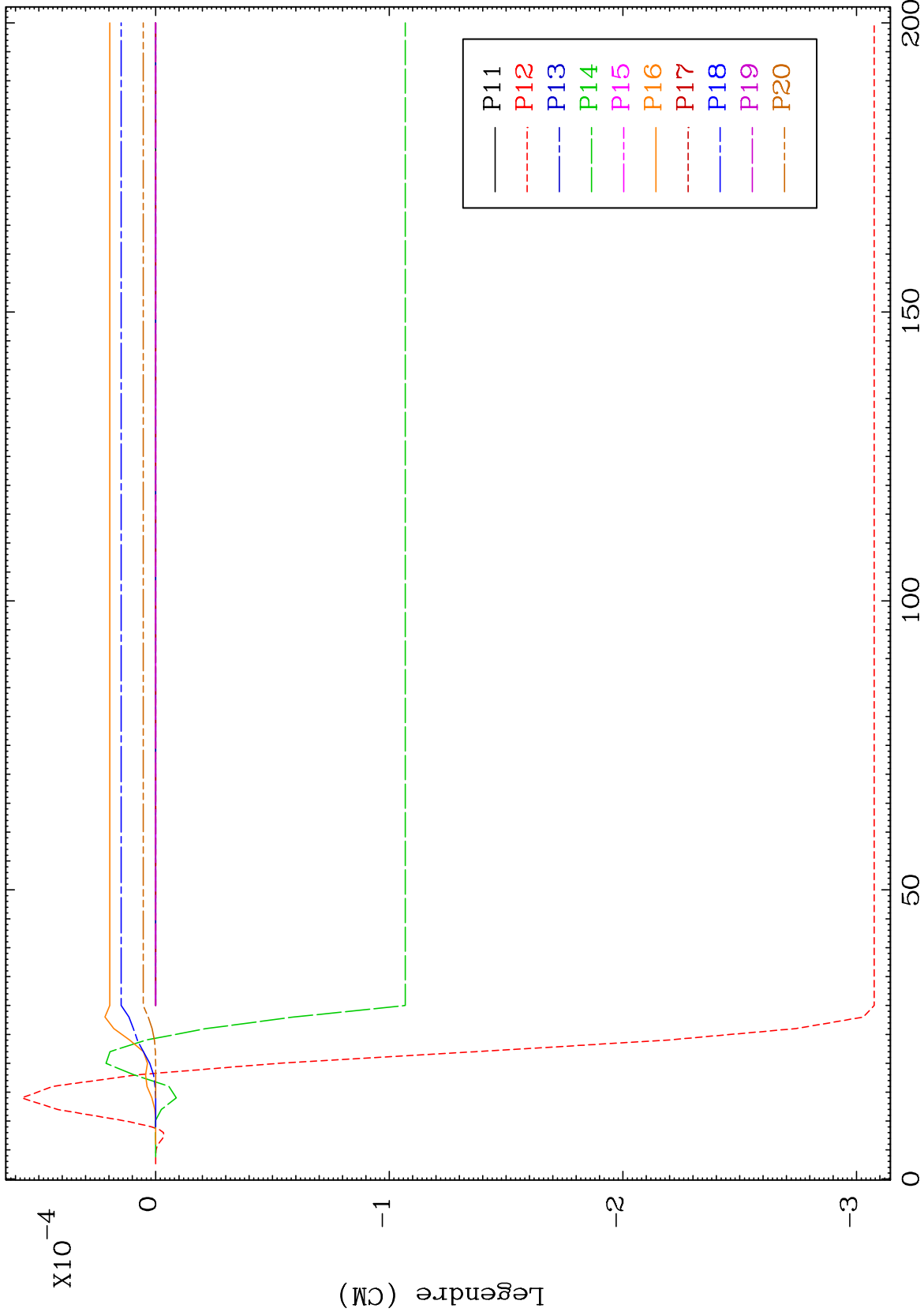
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



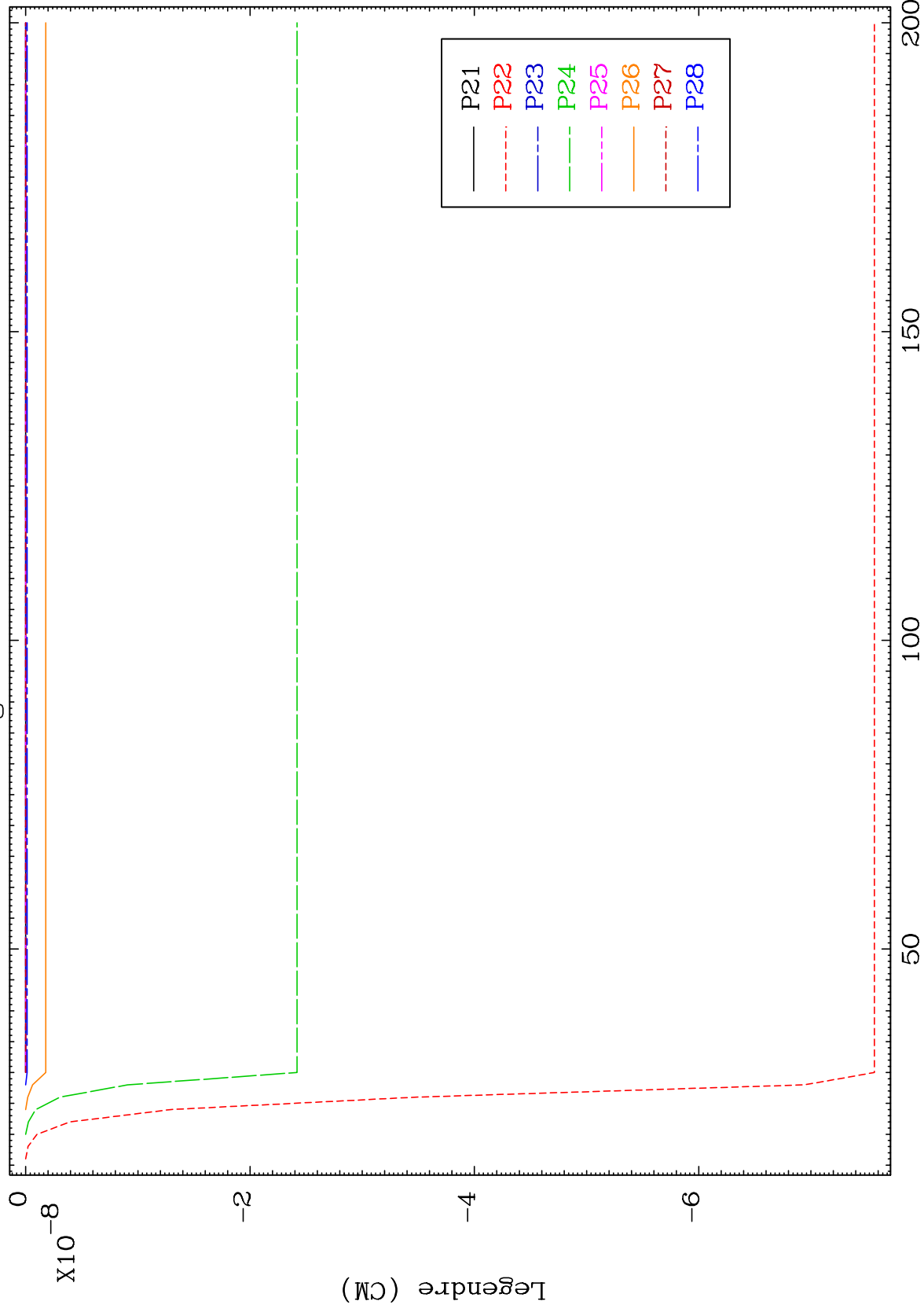
57

83-Bi-212

MAT 8334

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

83-Bi-212



58

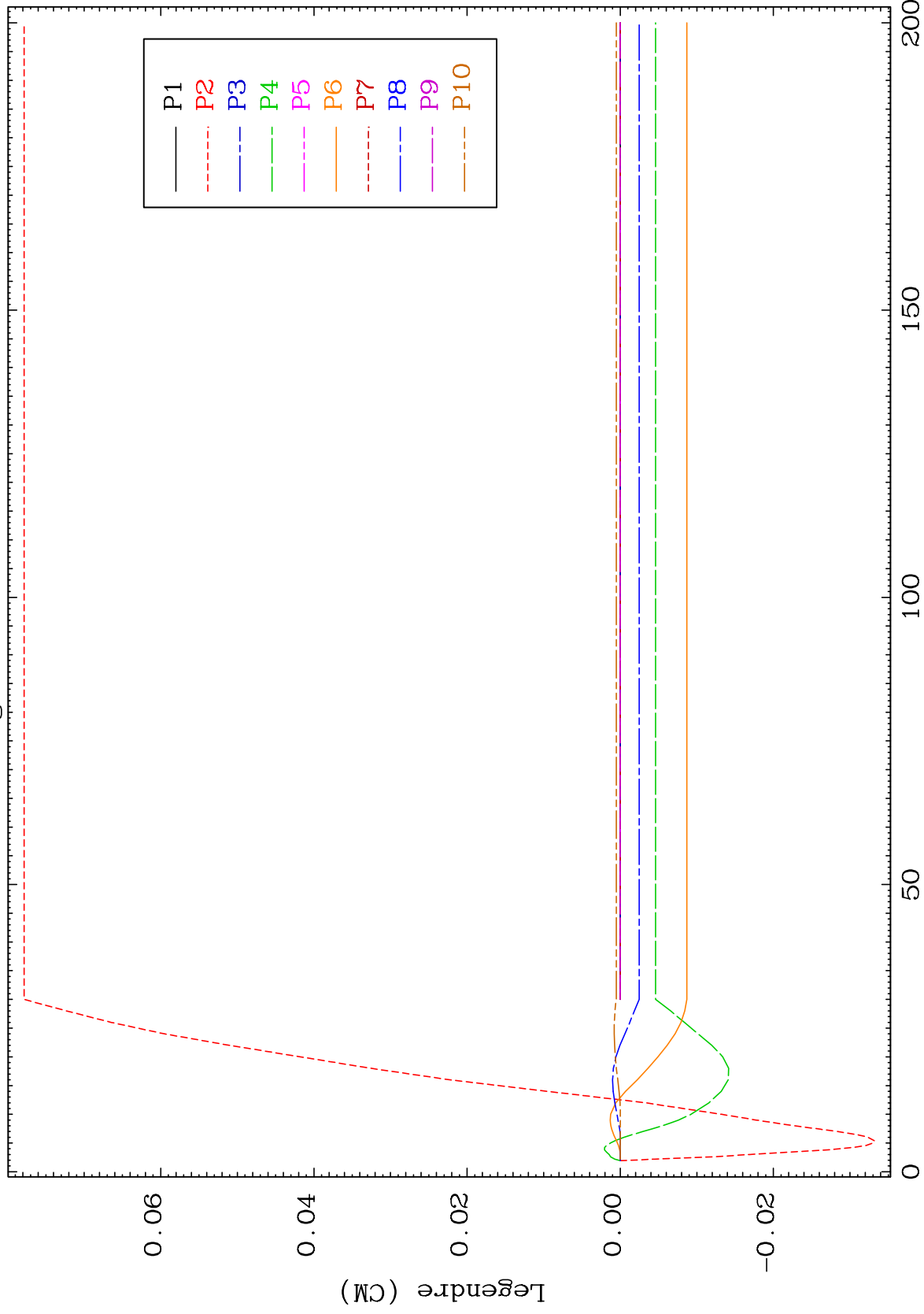
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



59

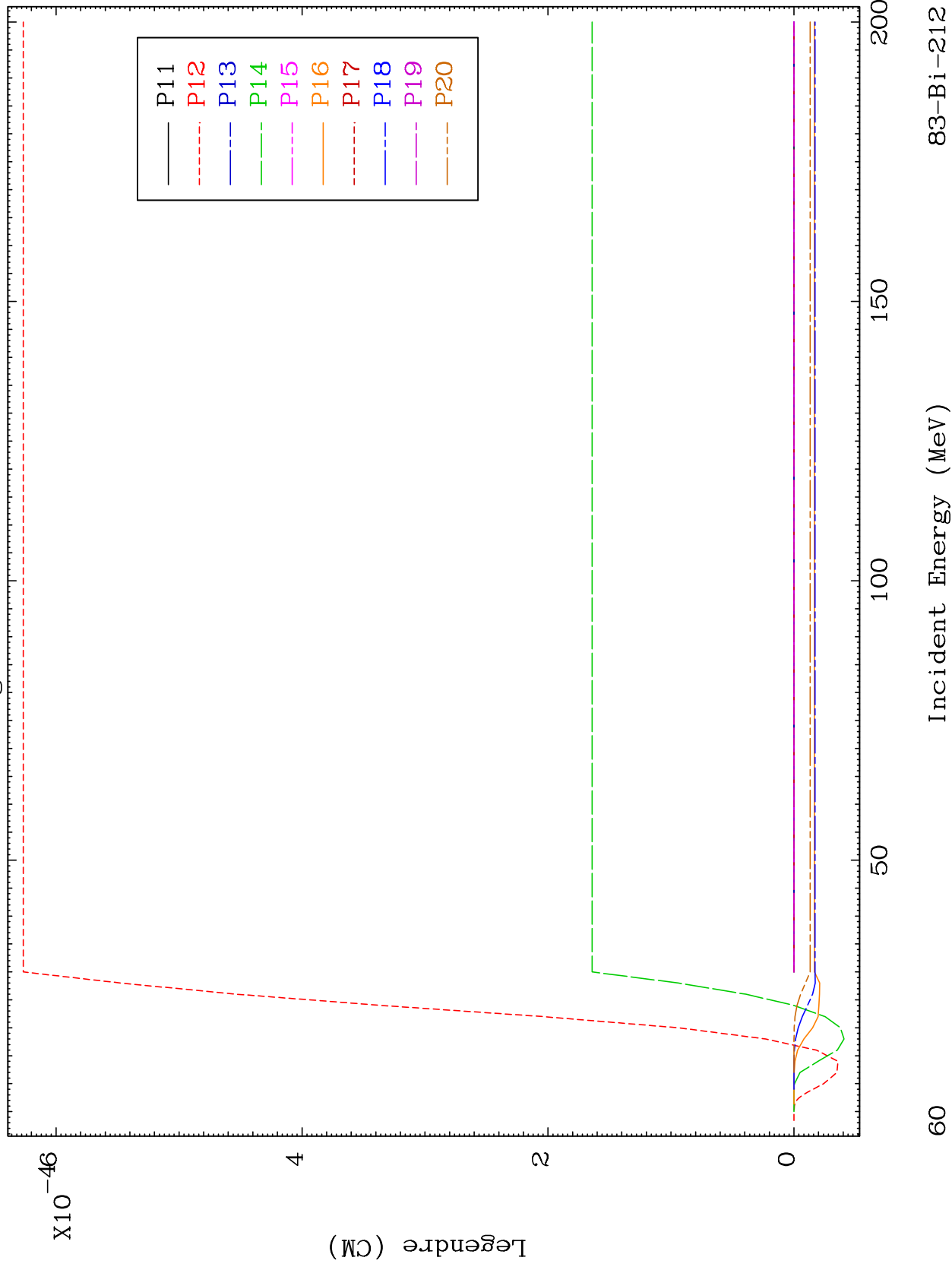
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

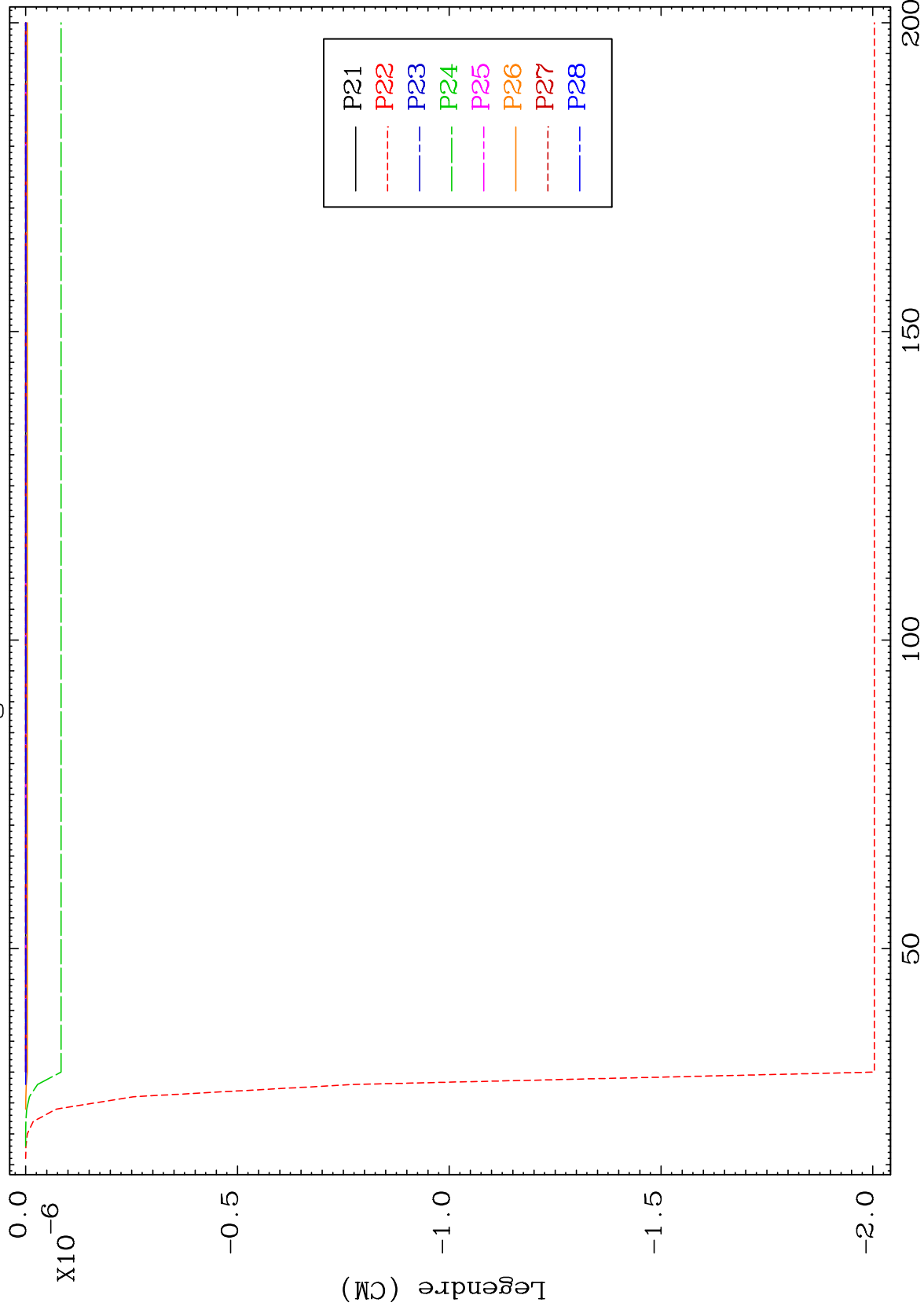
Incident Energy (MeV)

60

MAT 8334

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

83-Bi-212



61

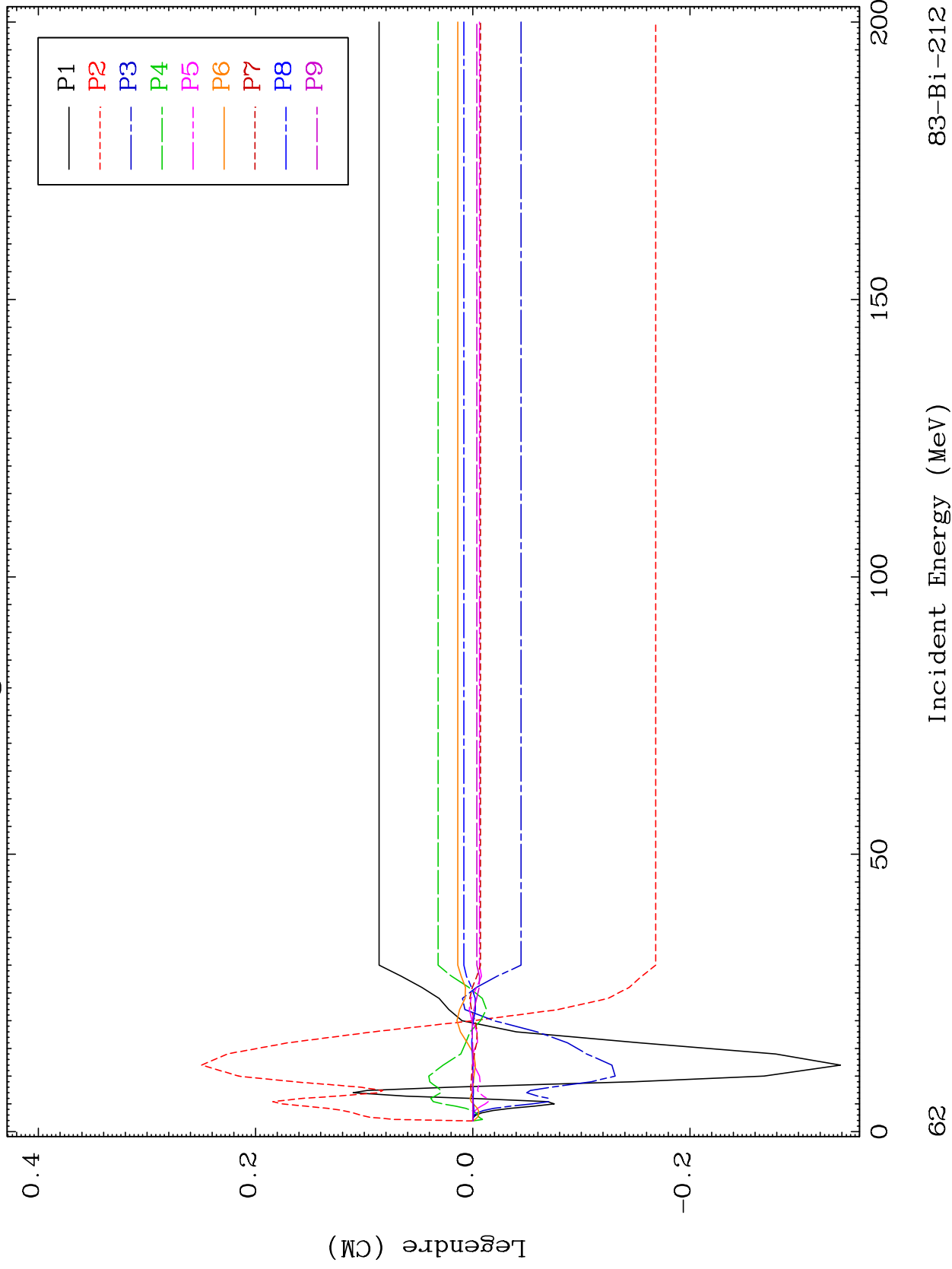
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

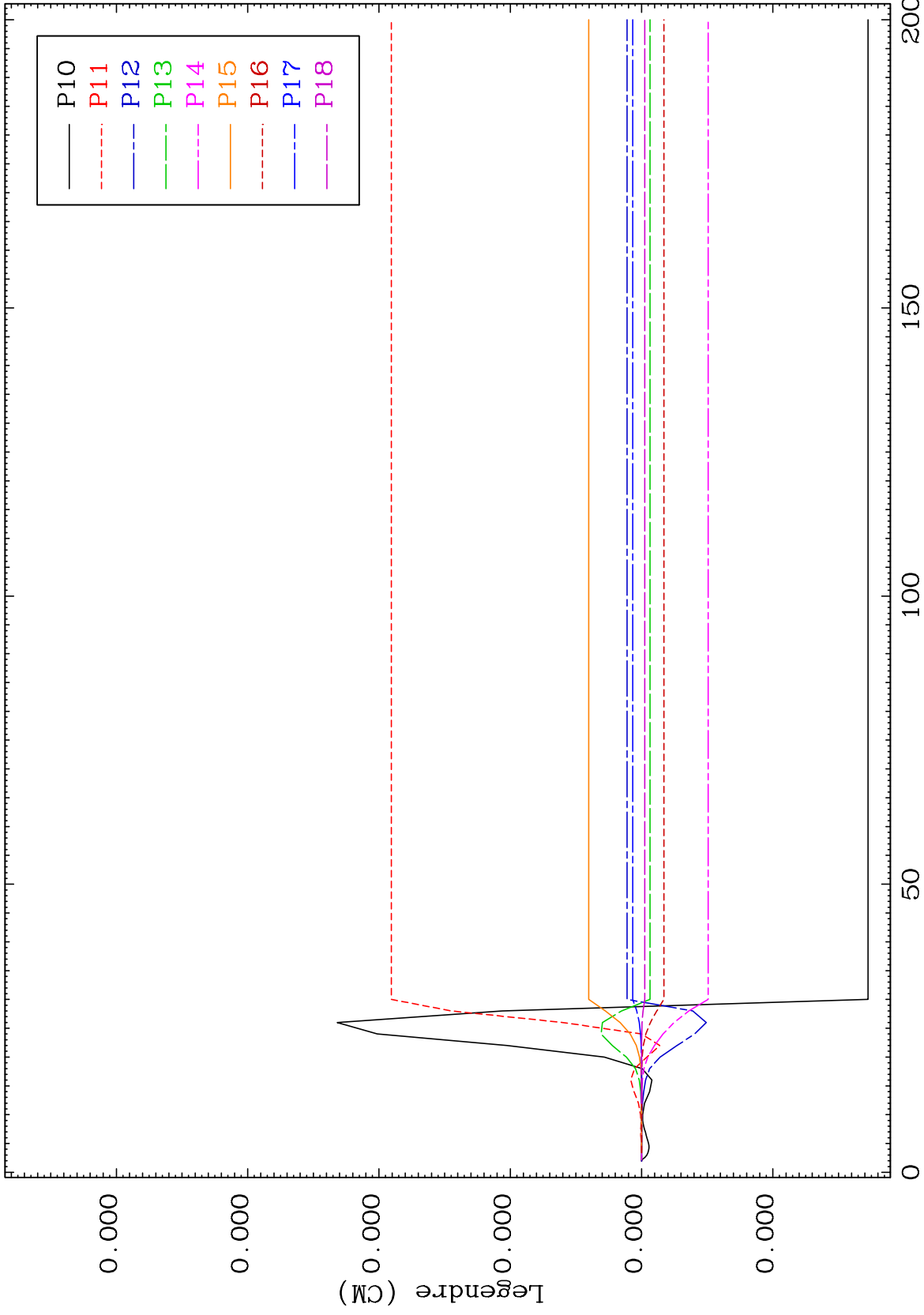
Incident Energy (MeV)

62

MAT 8334

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

83-Bi-212



63

Incident Energy (MeV)

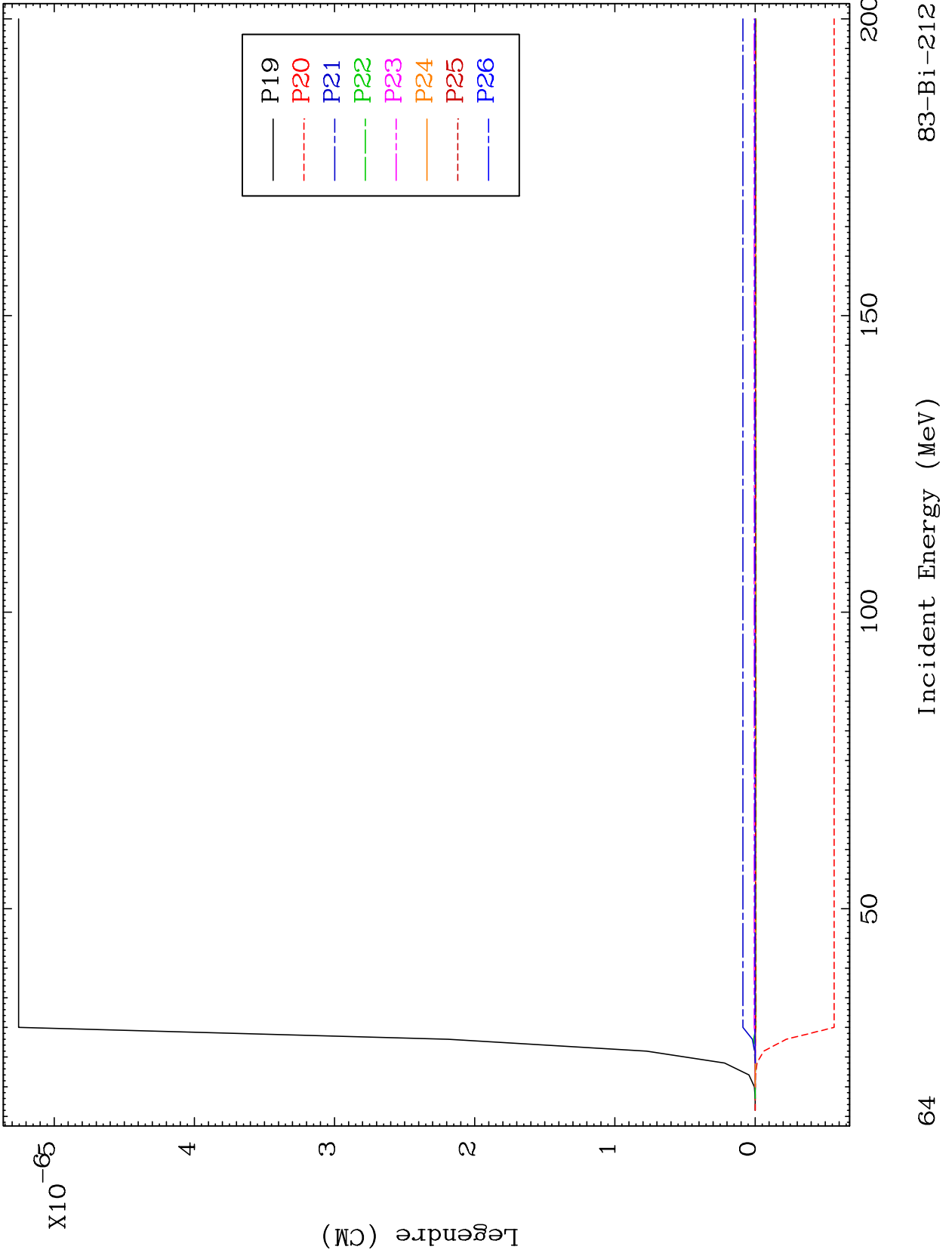
83-Bi-212



MAT 8334

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

83-Bi-212

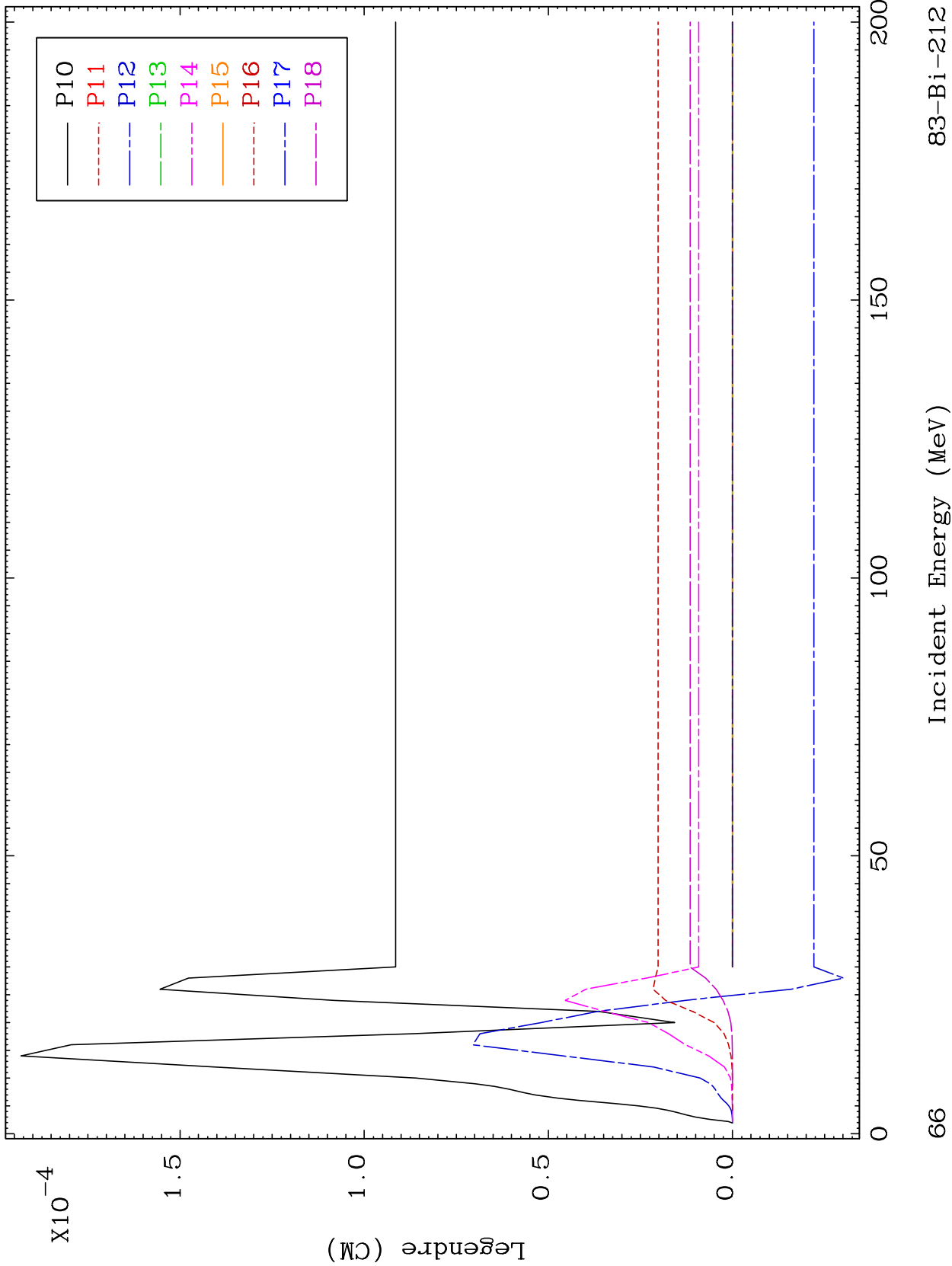




MAT 8334

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

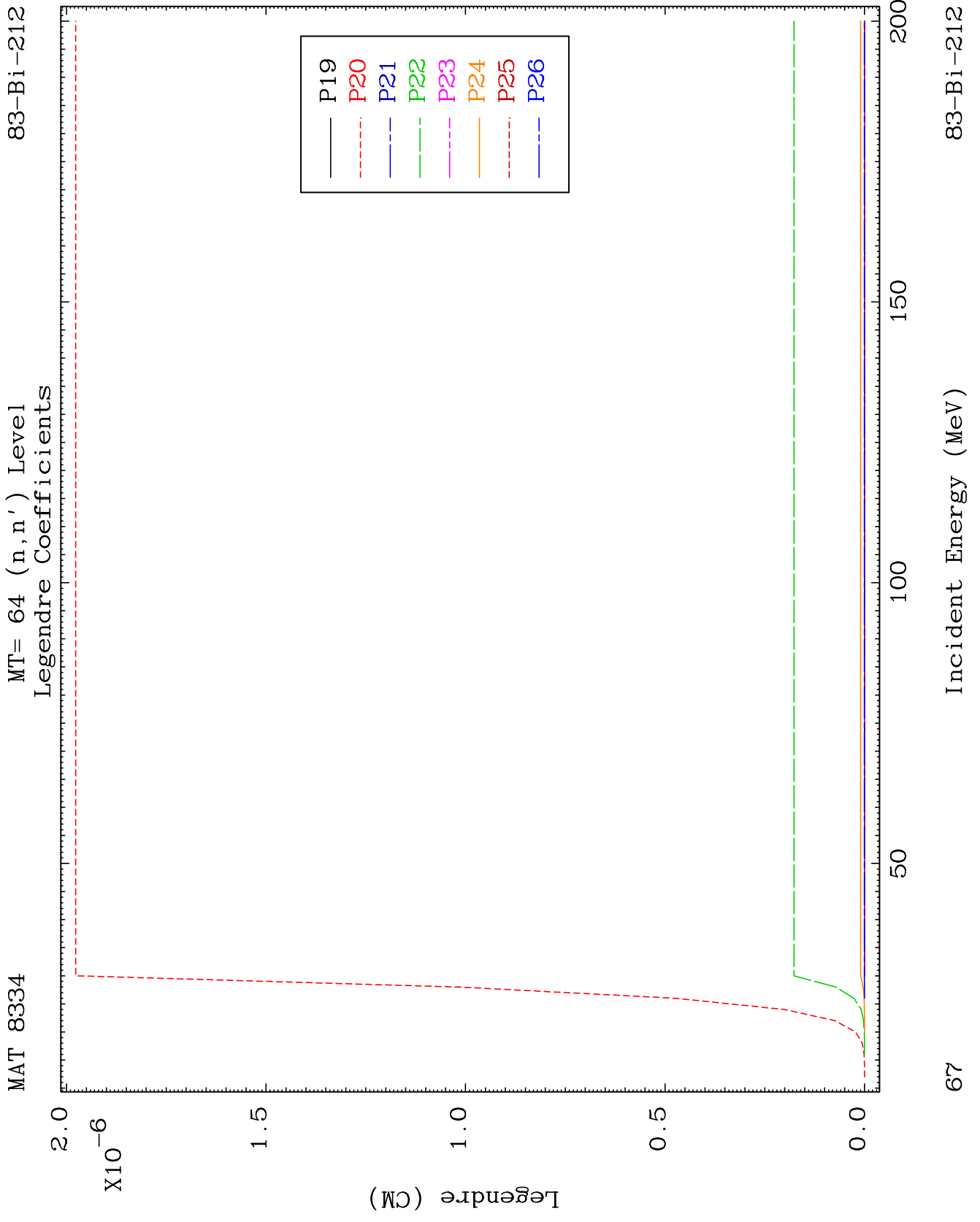
83-Bi-212



66

Incident Energy (MeV)

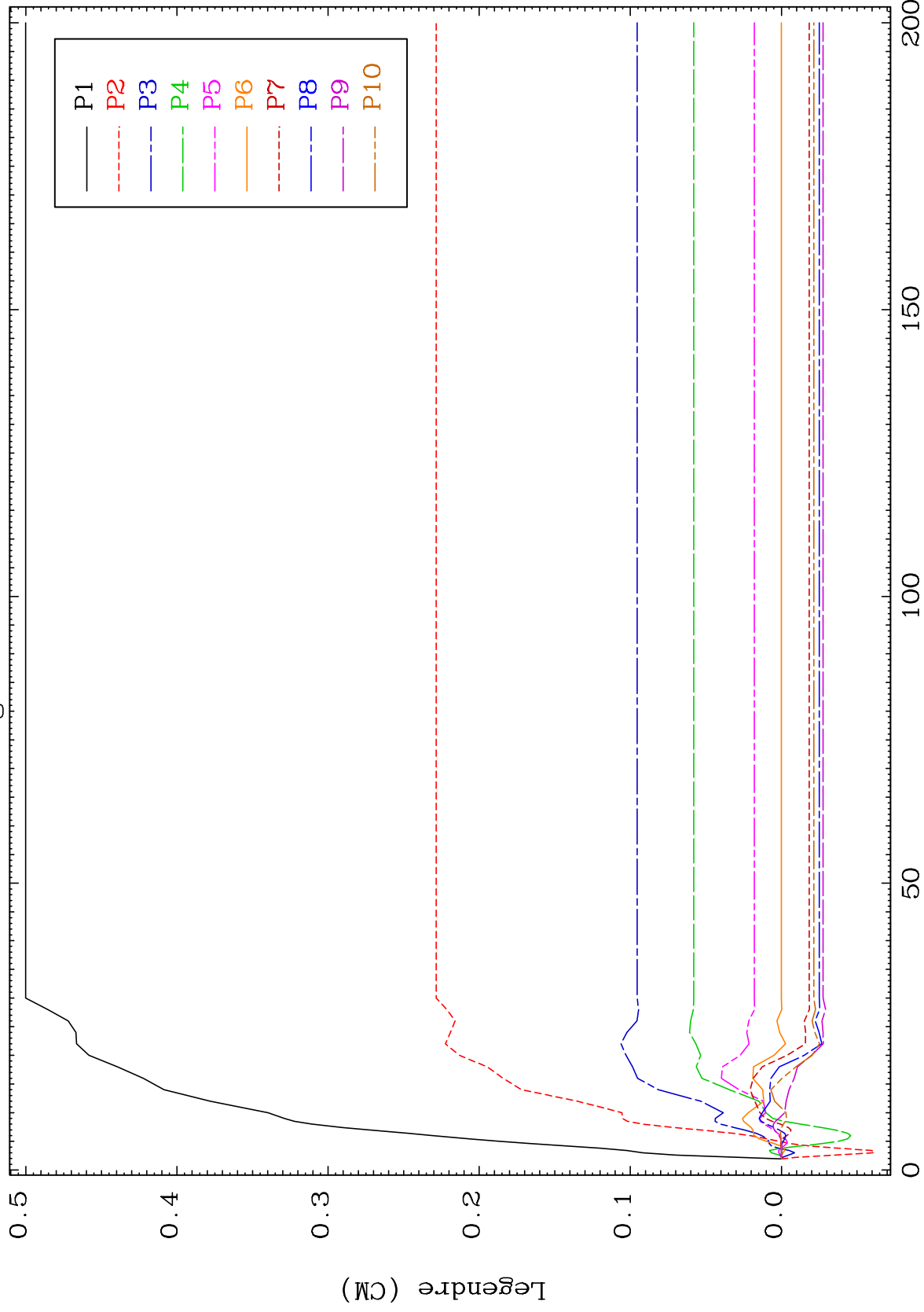
83-Bi-212



MAT 8334

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

83-Bi-212



83-Bi-212

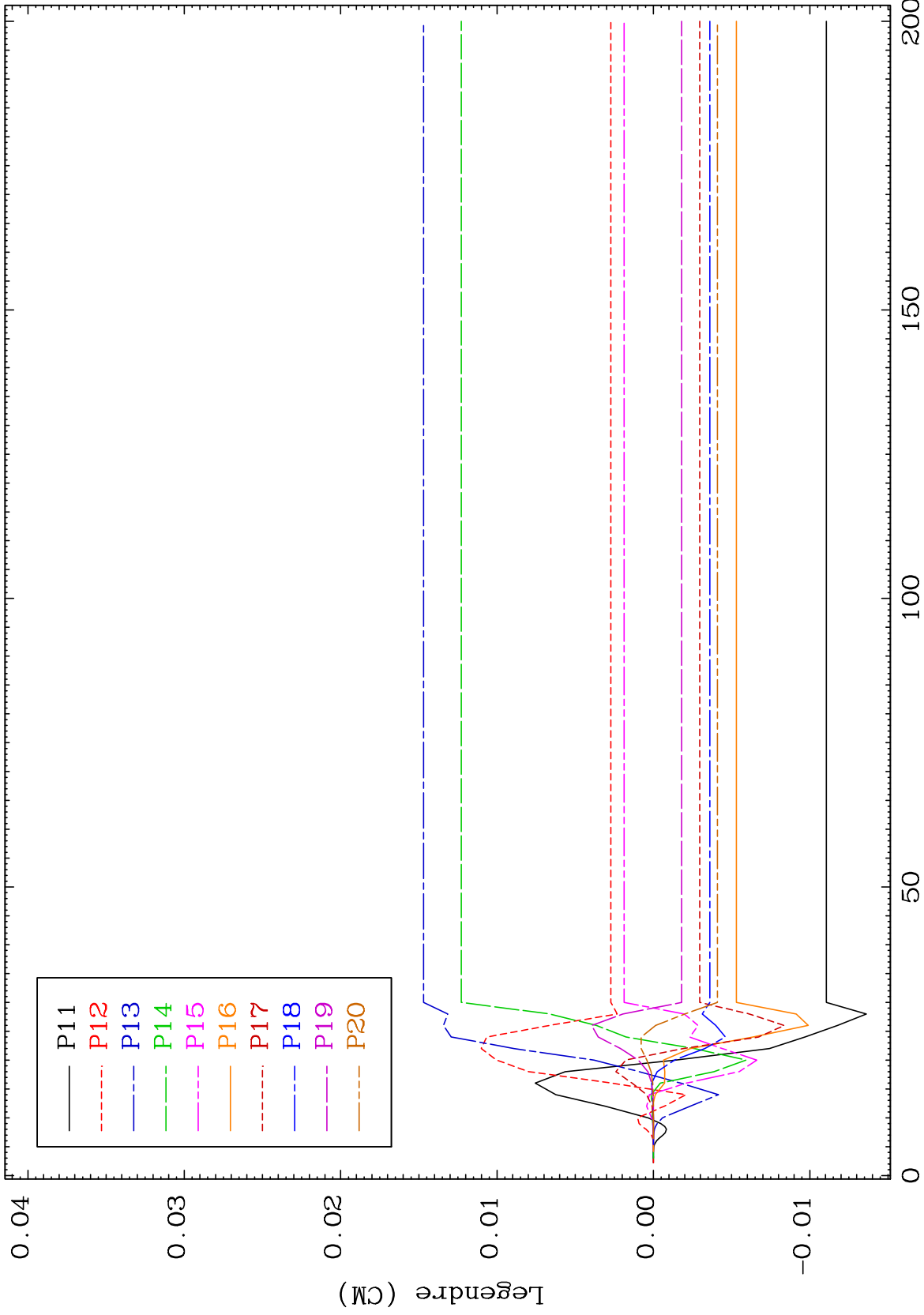
Incident Energy (MeV)

68

MAT 8334

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

83-Bi-212



69

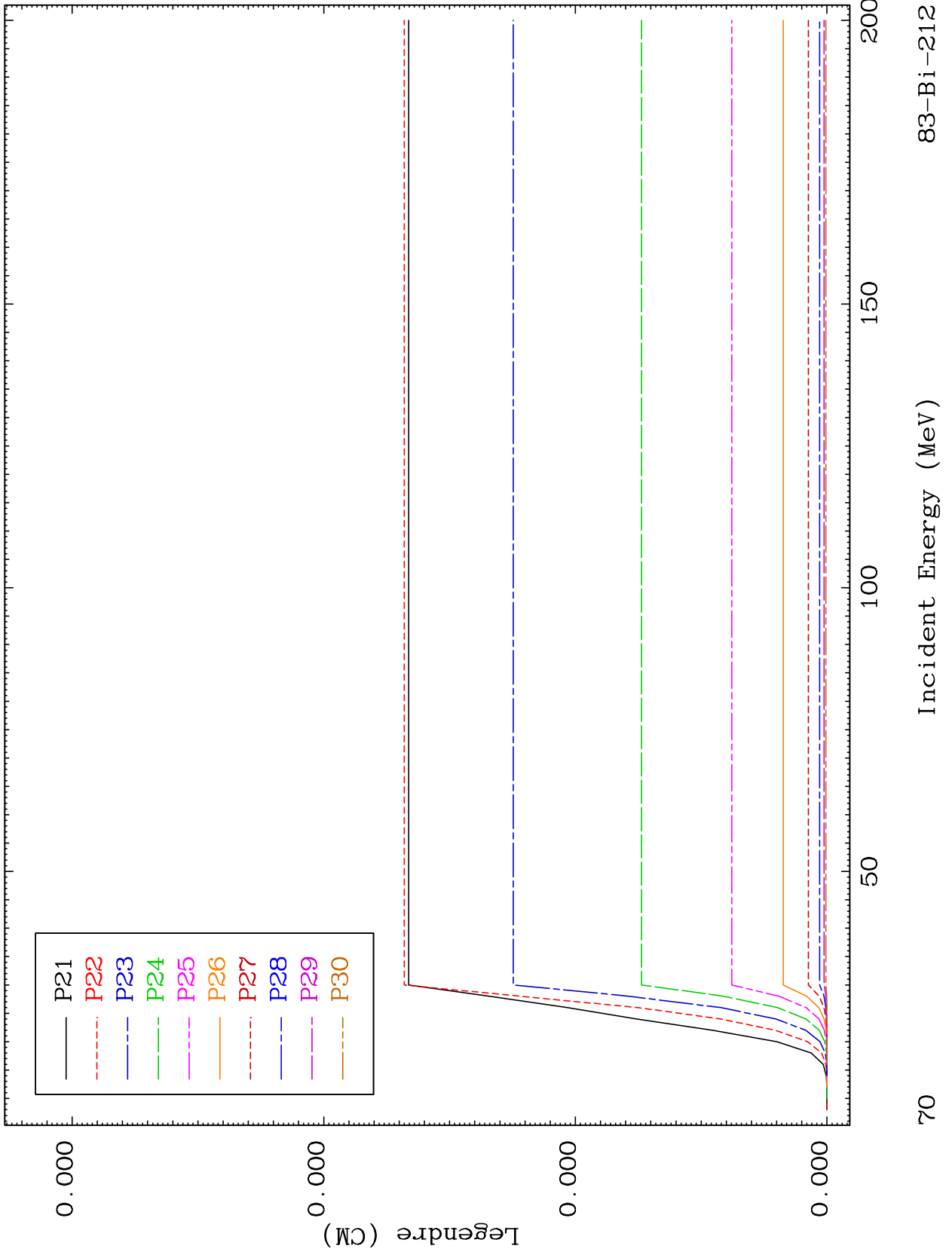
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212

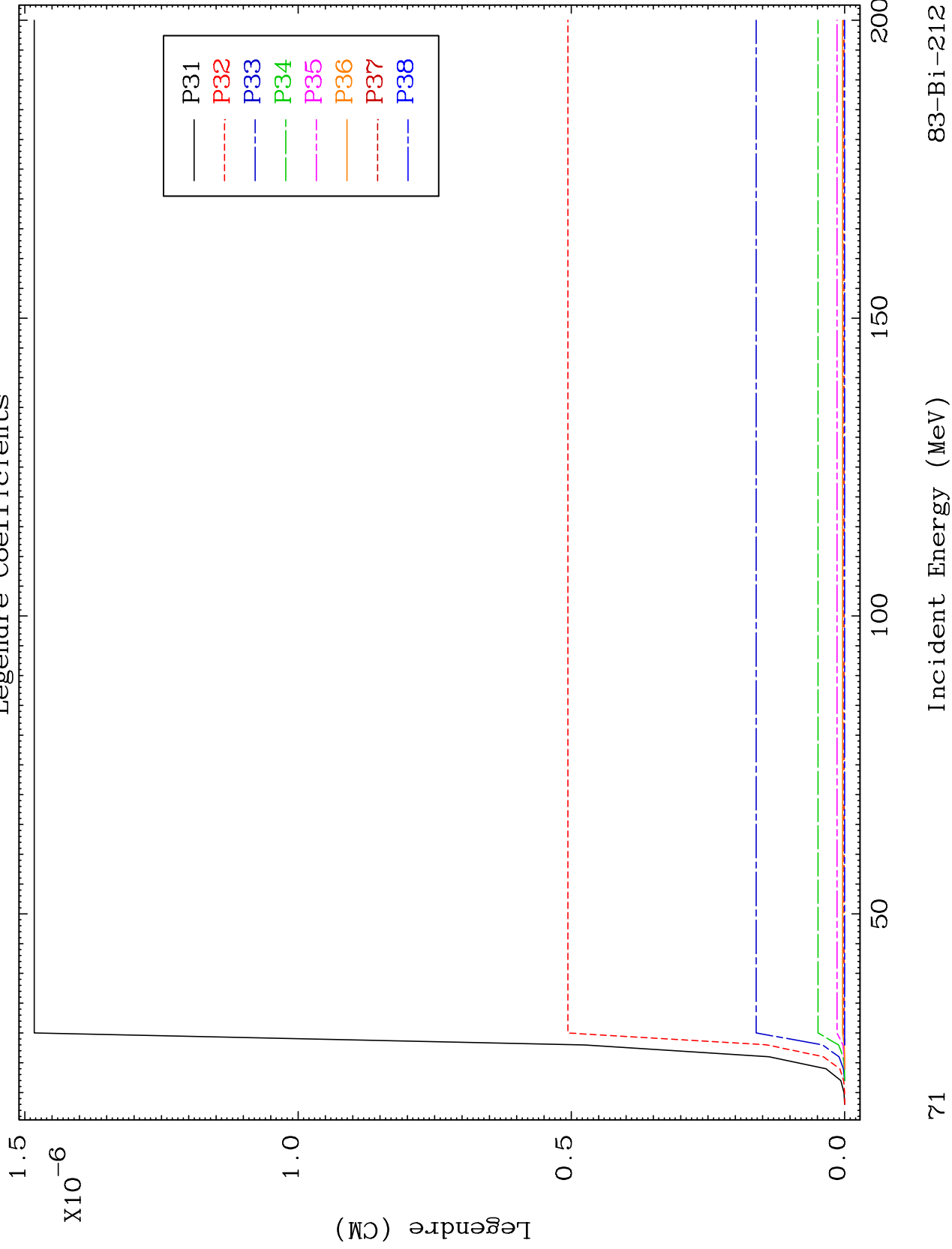


70

MAT 8334

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

83-Bi-212



71

Incident Energy (MeV)

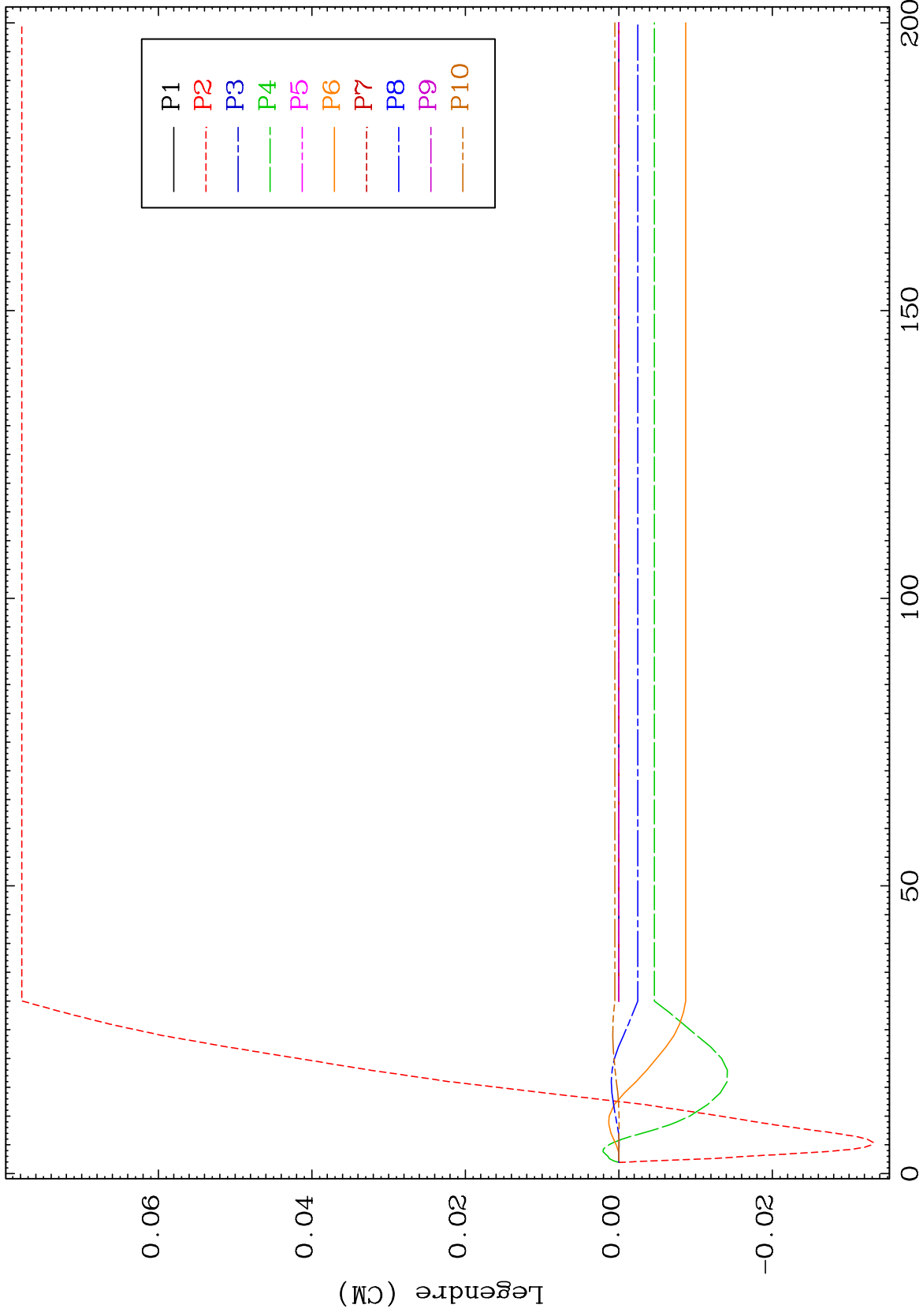
83-Bi-212



MAT 8334

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

83-Bi-212



72

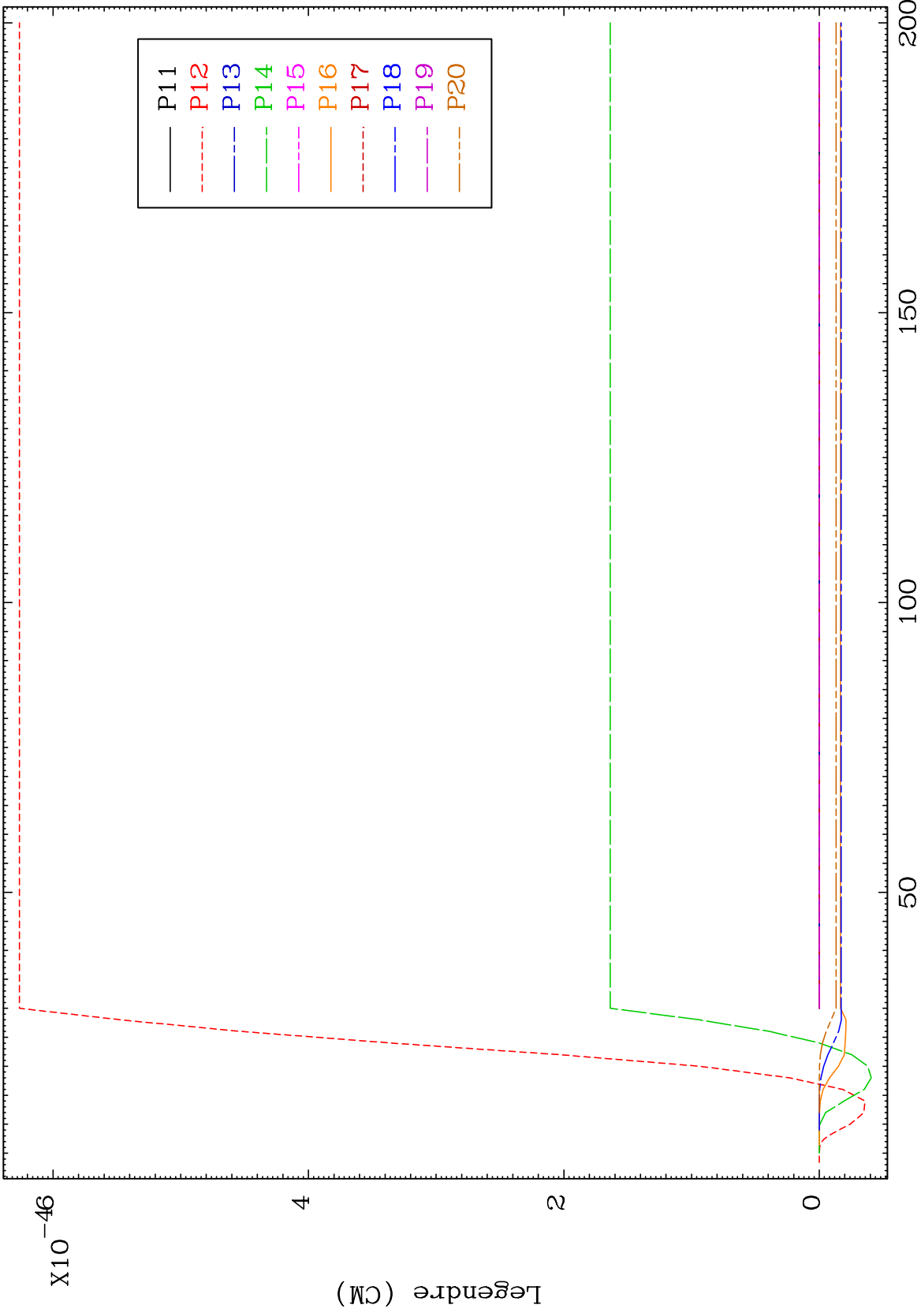
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



73

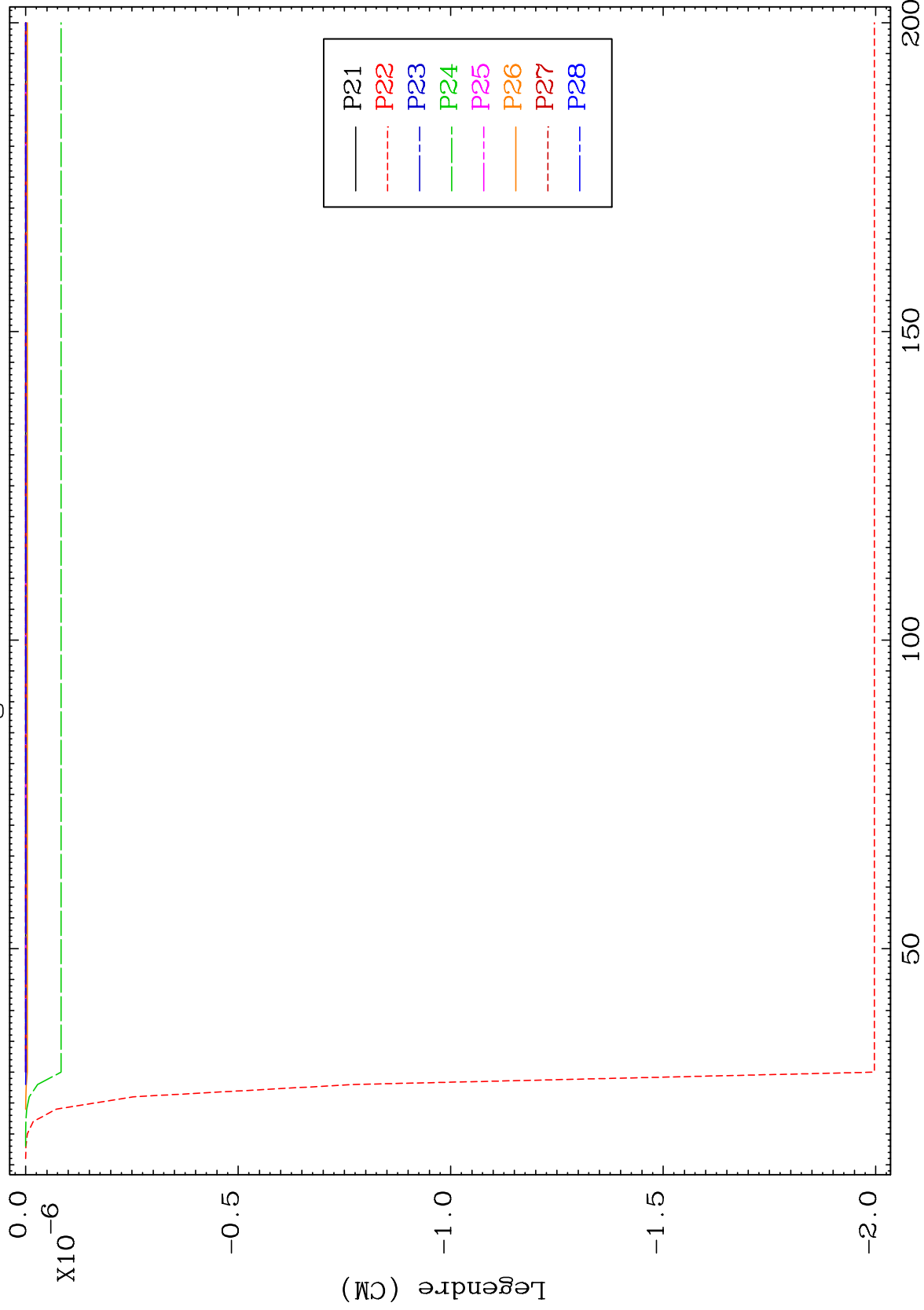
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



74

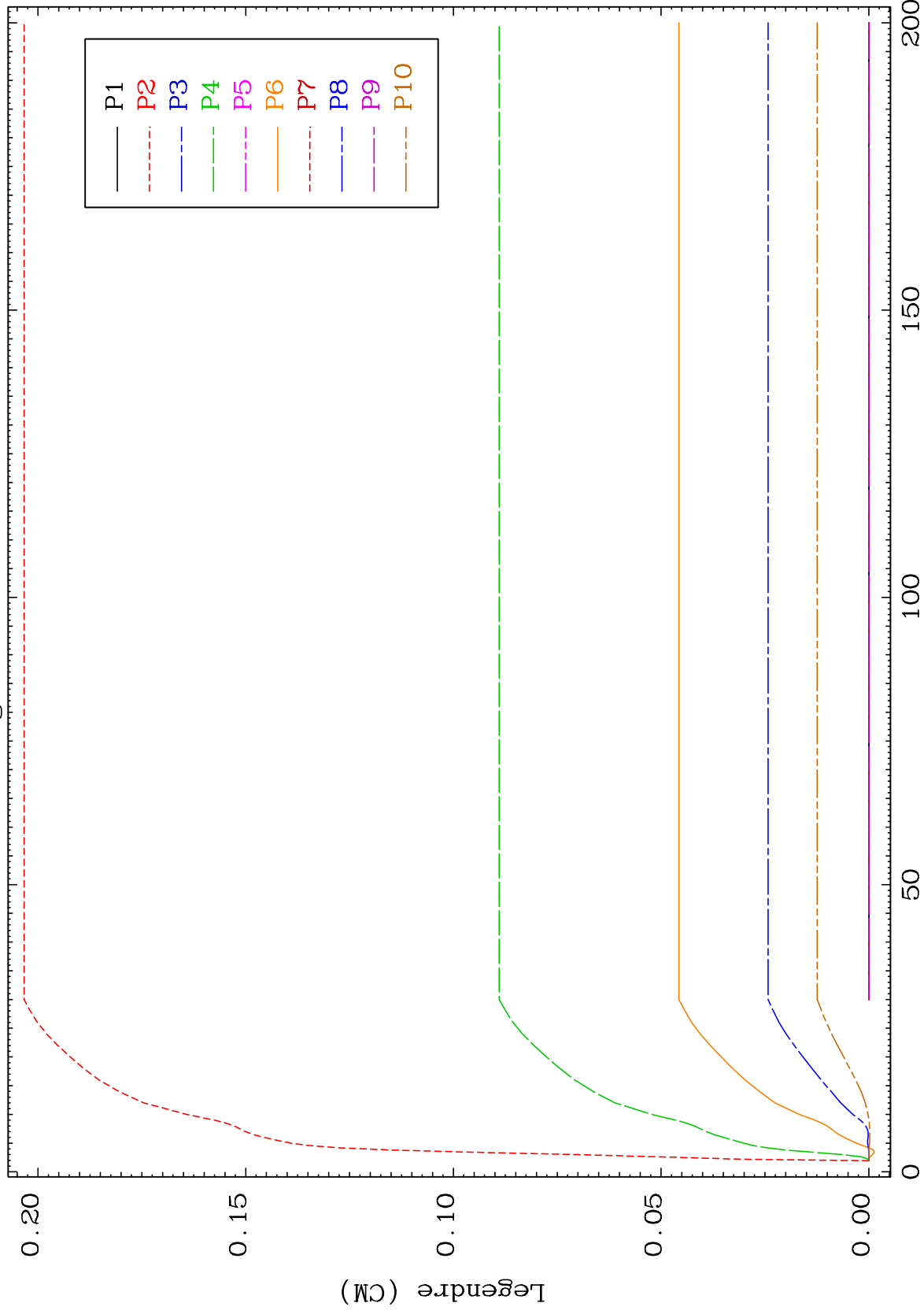
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



75

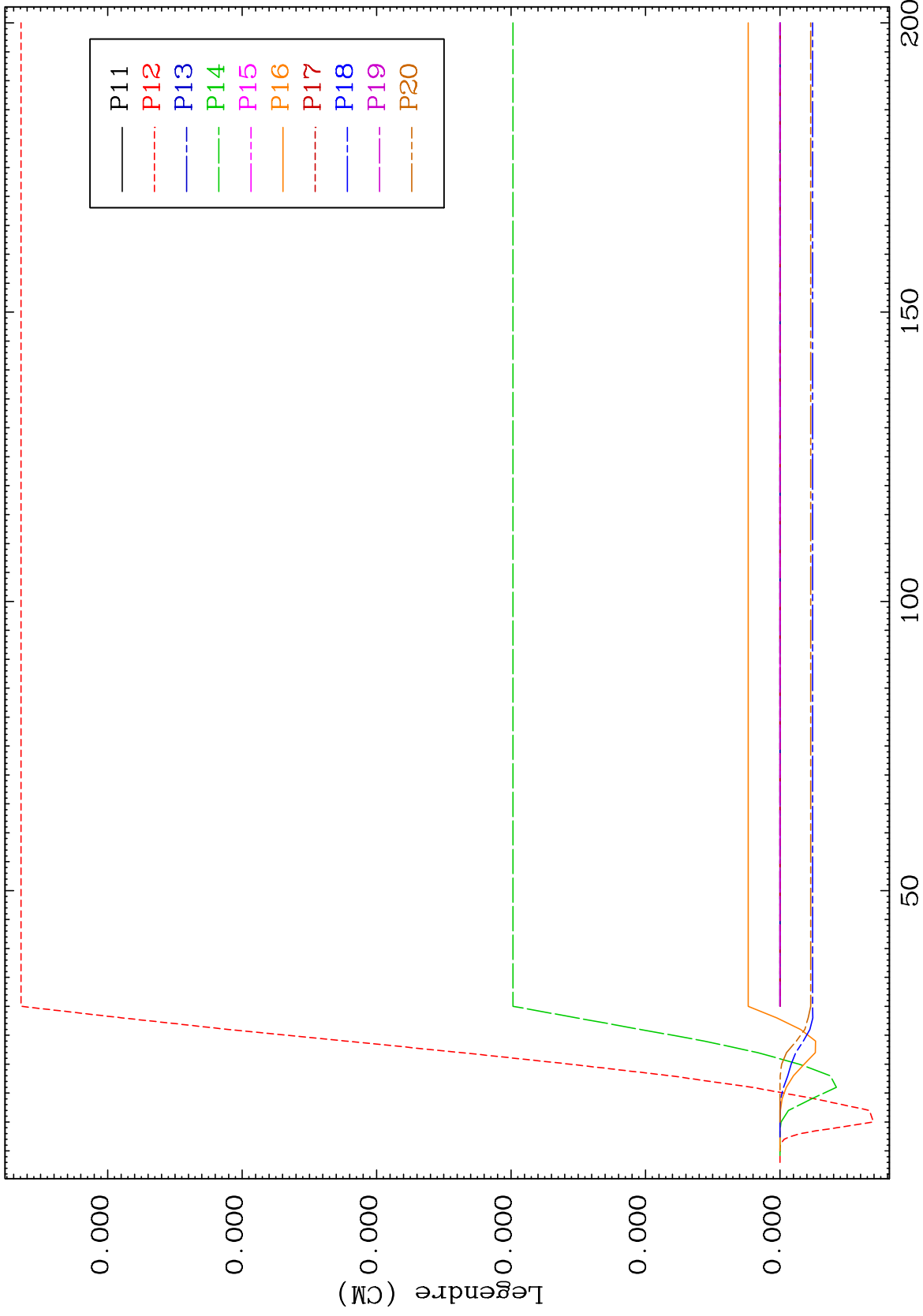
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



76

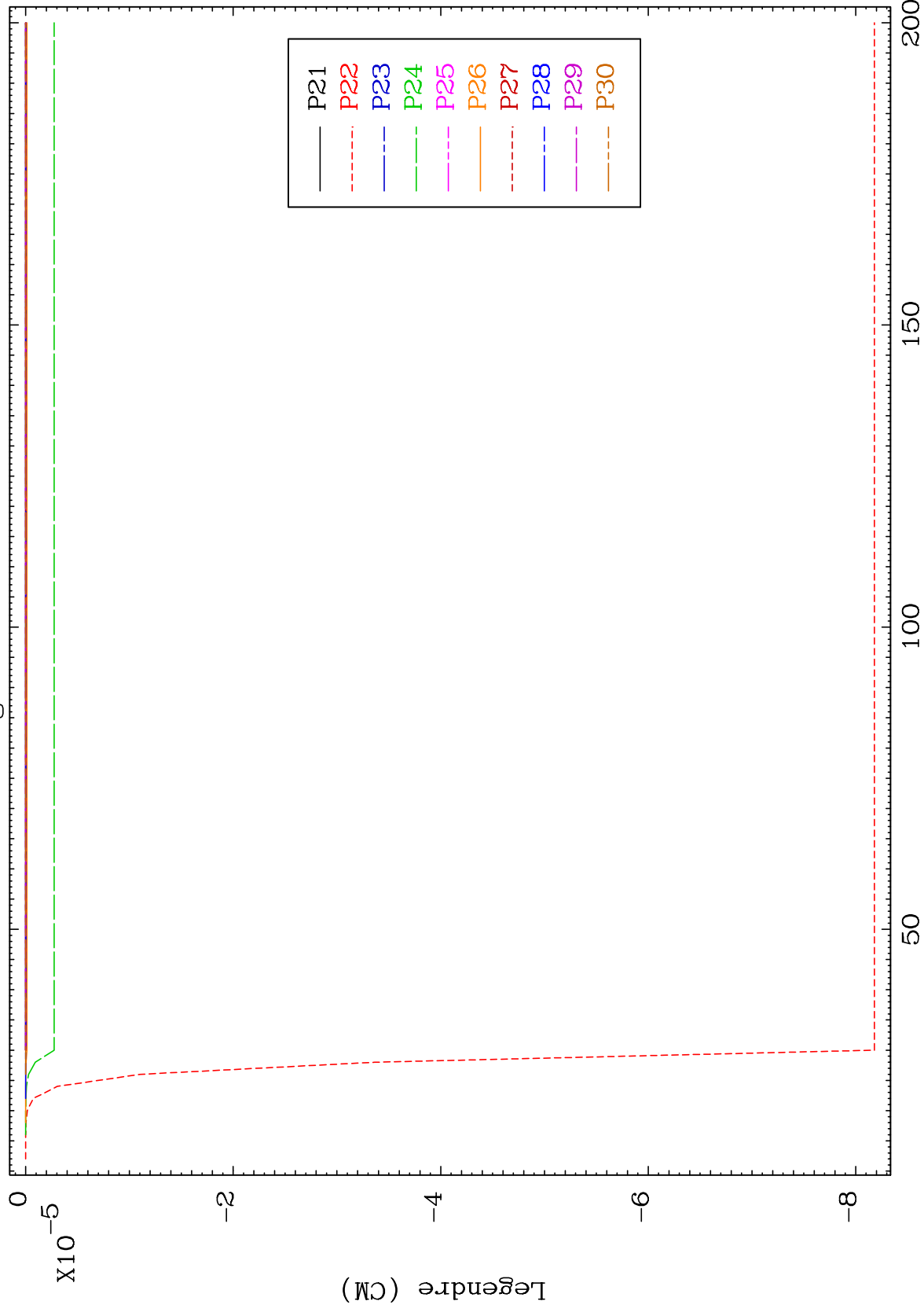
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



77

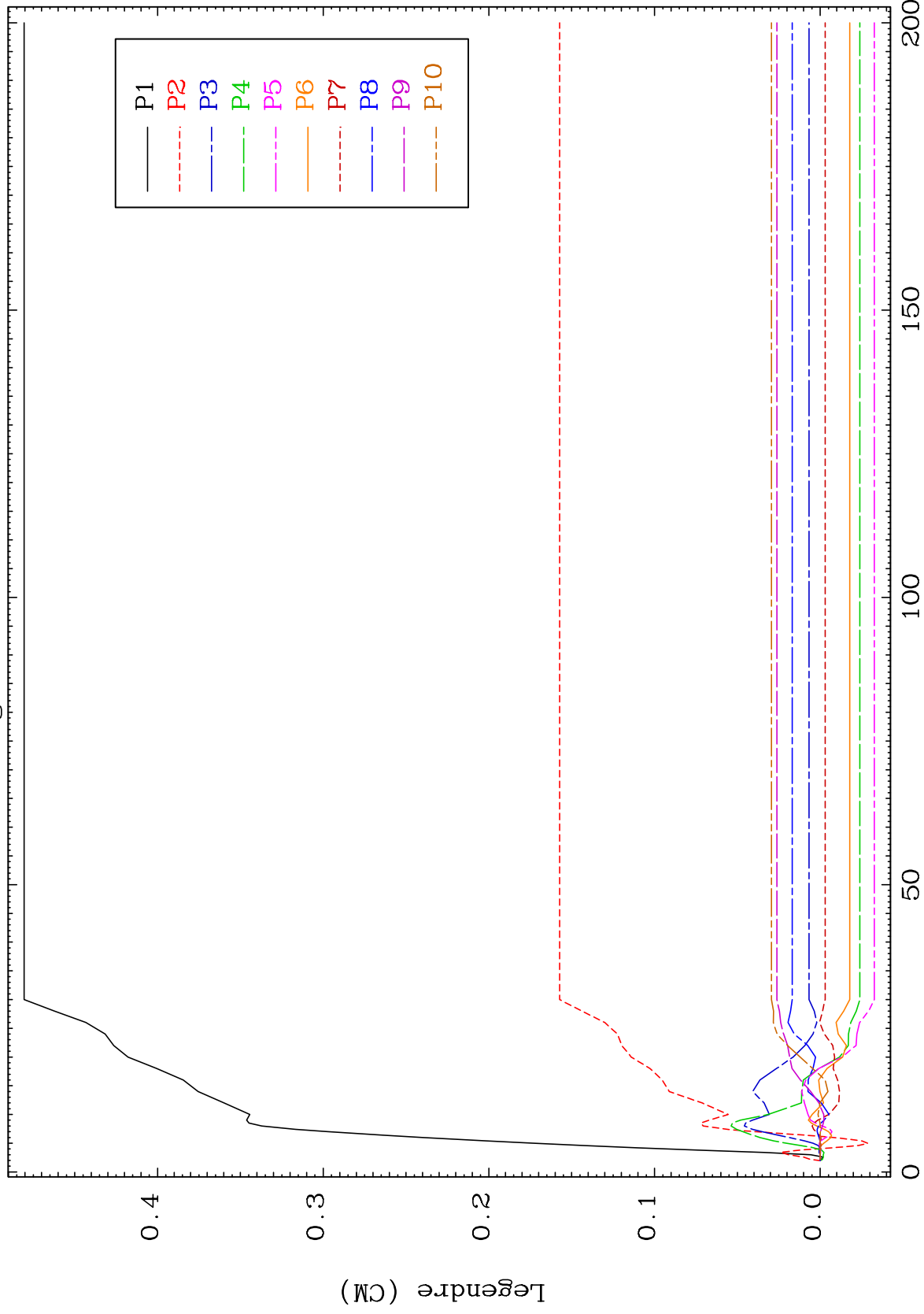
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



78

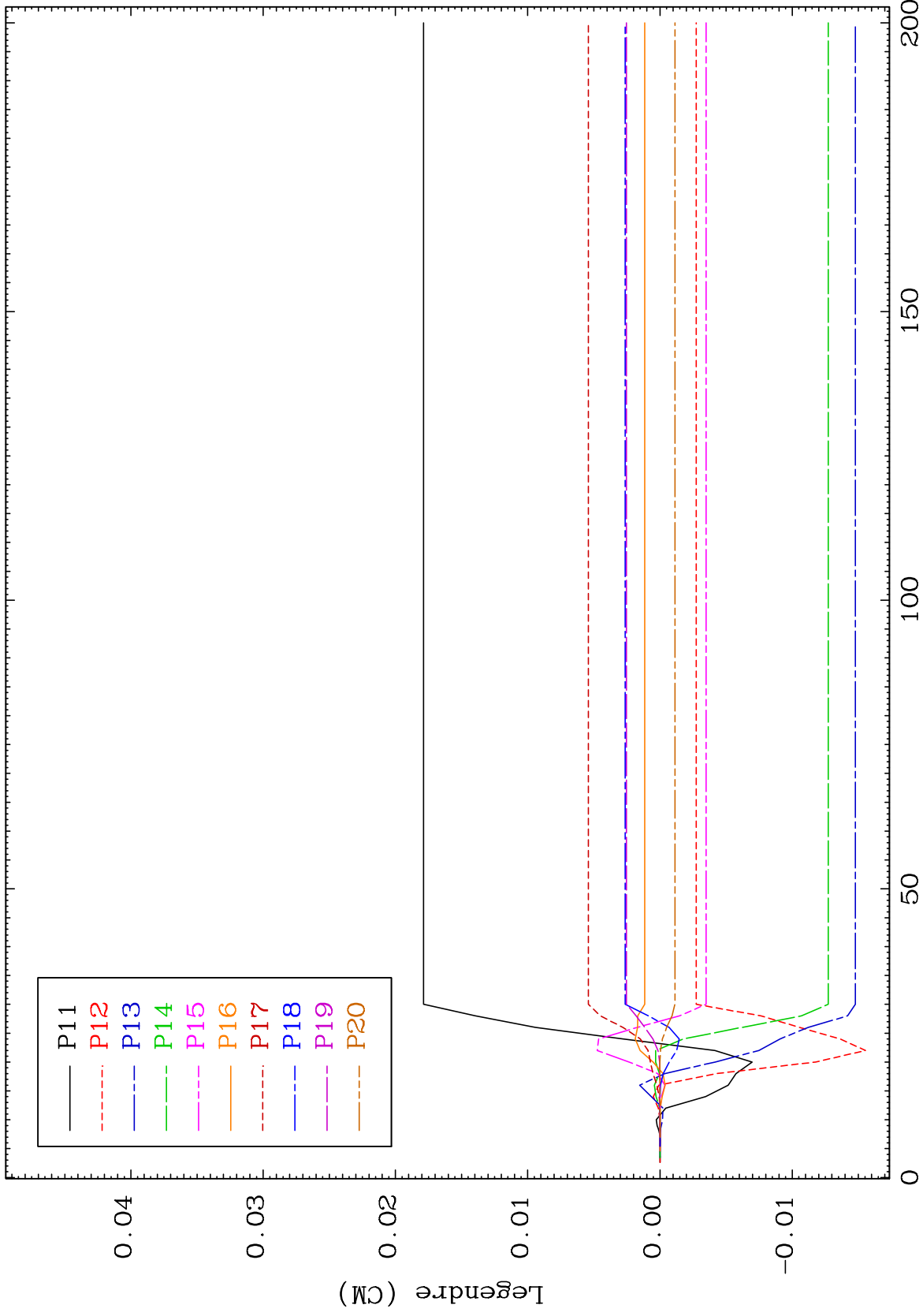
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



79

Incident Energy (MeV)

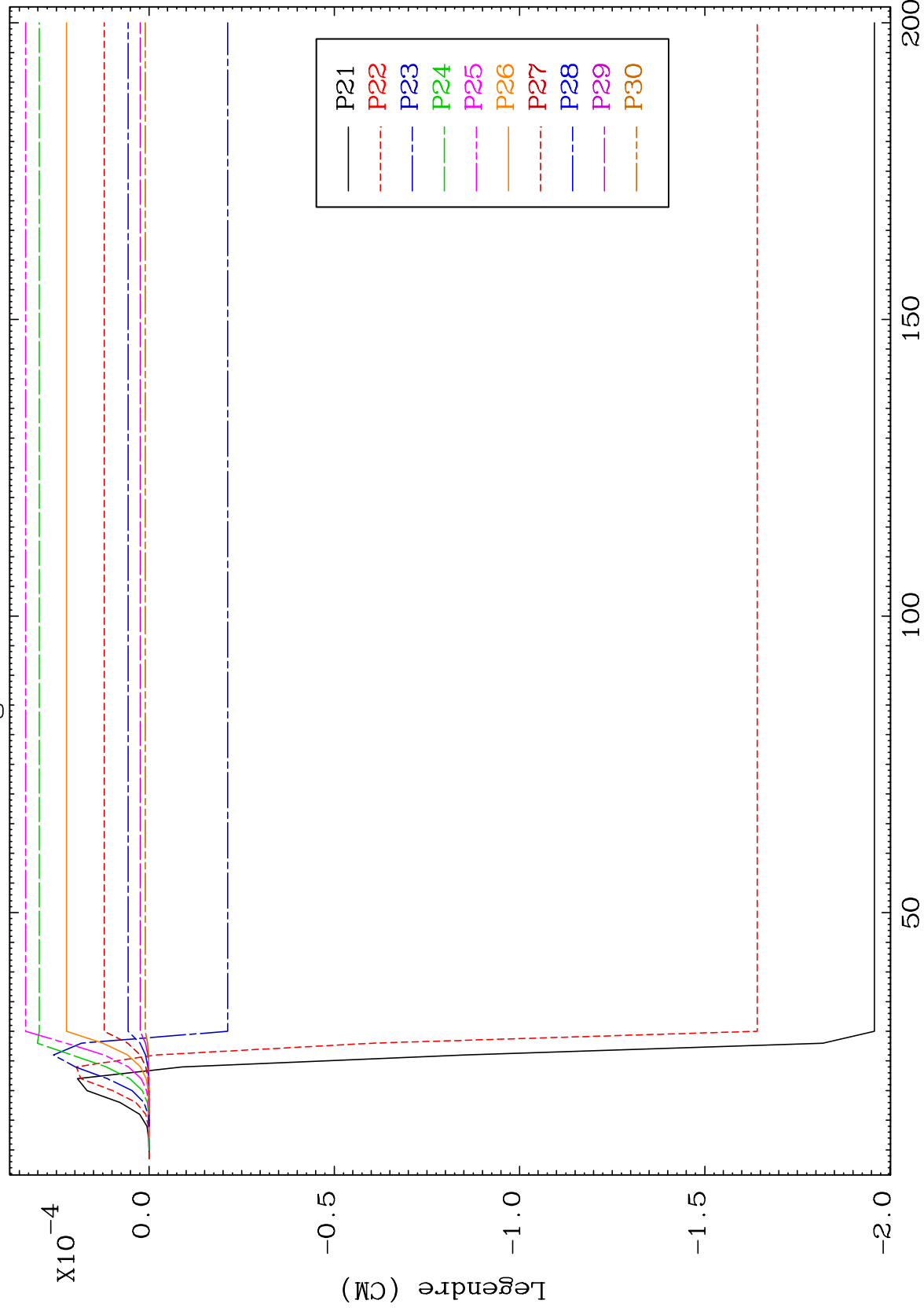
83-Bi-212



MAT 8334

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

83-Bi-212



80

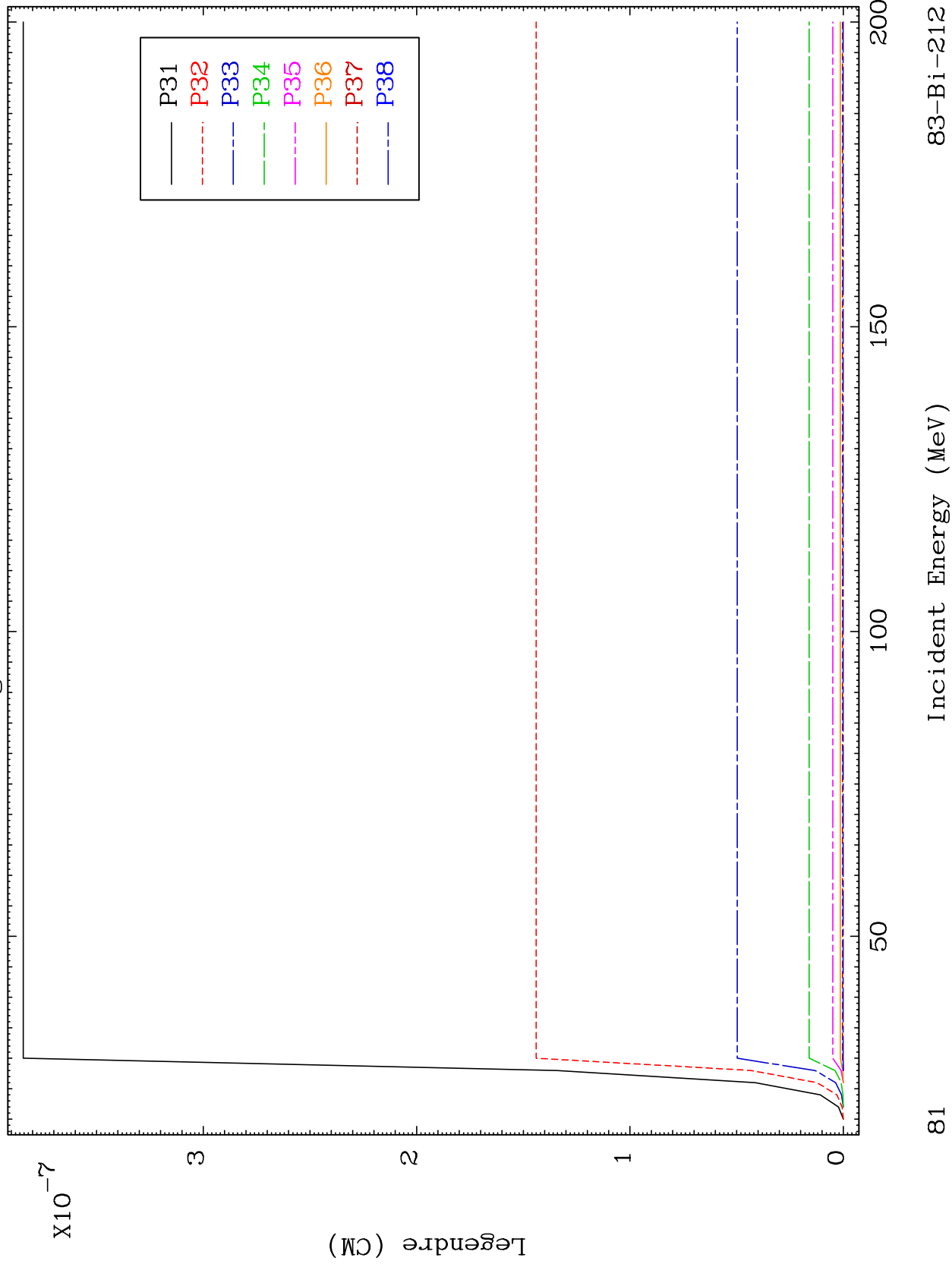
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

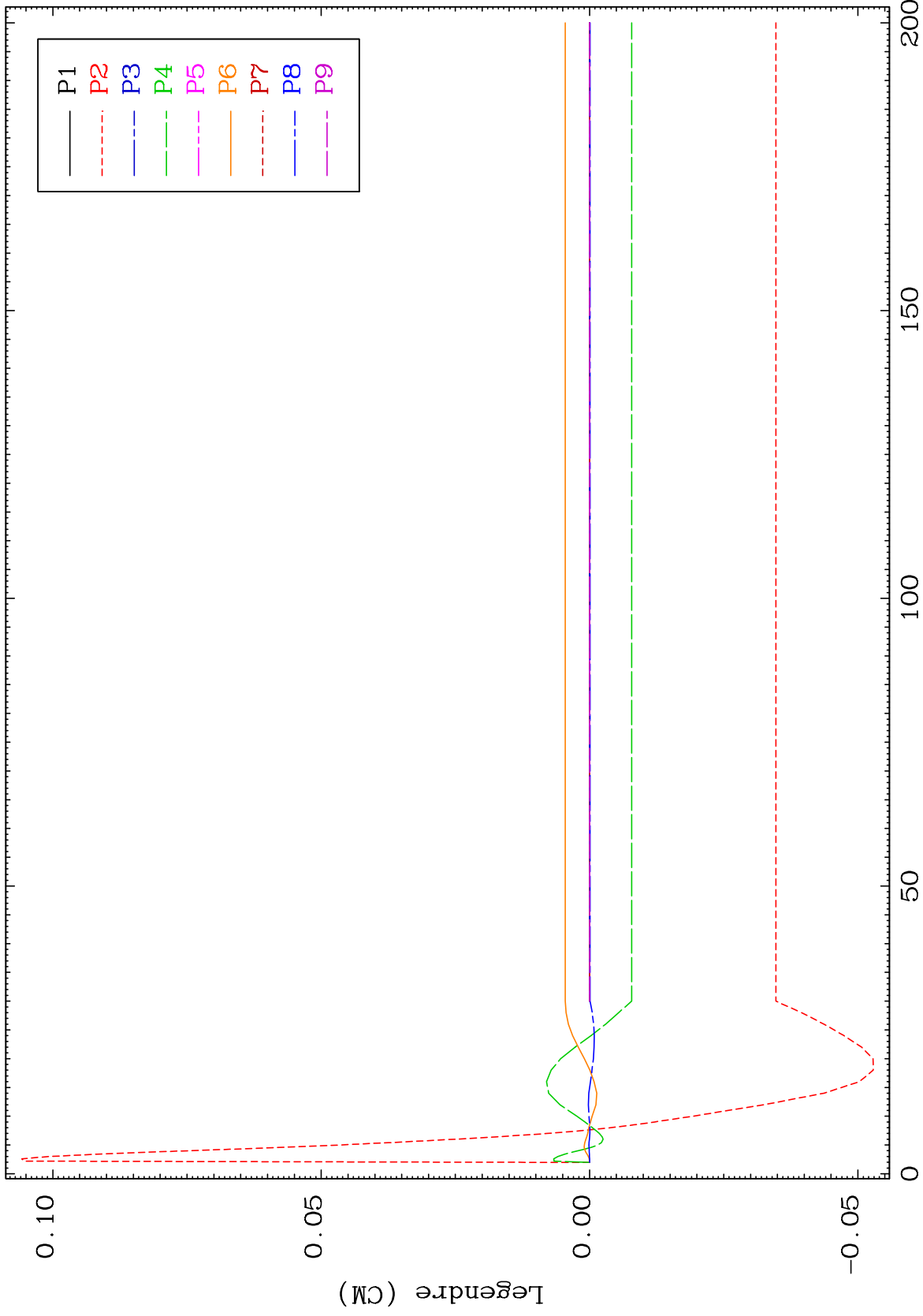
83-Bi-212



MAT 8334

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

83-Bi-212



82

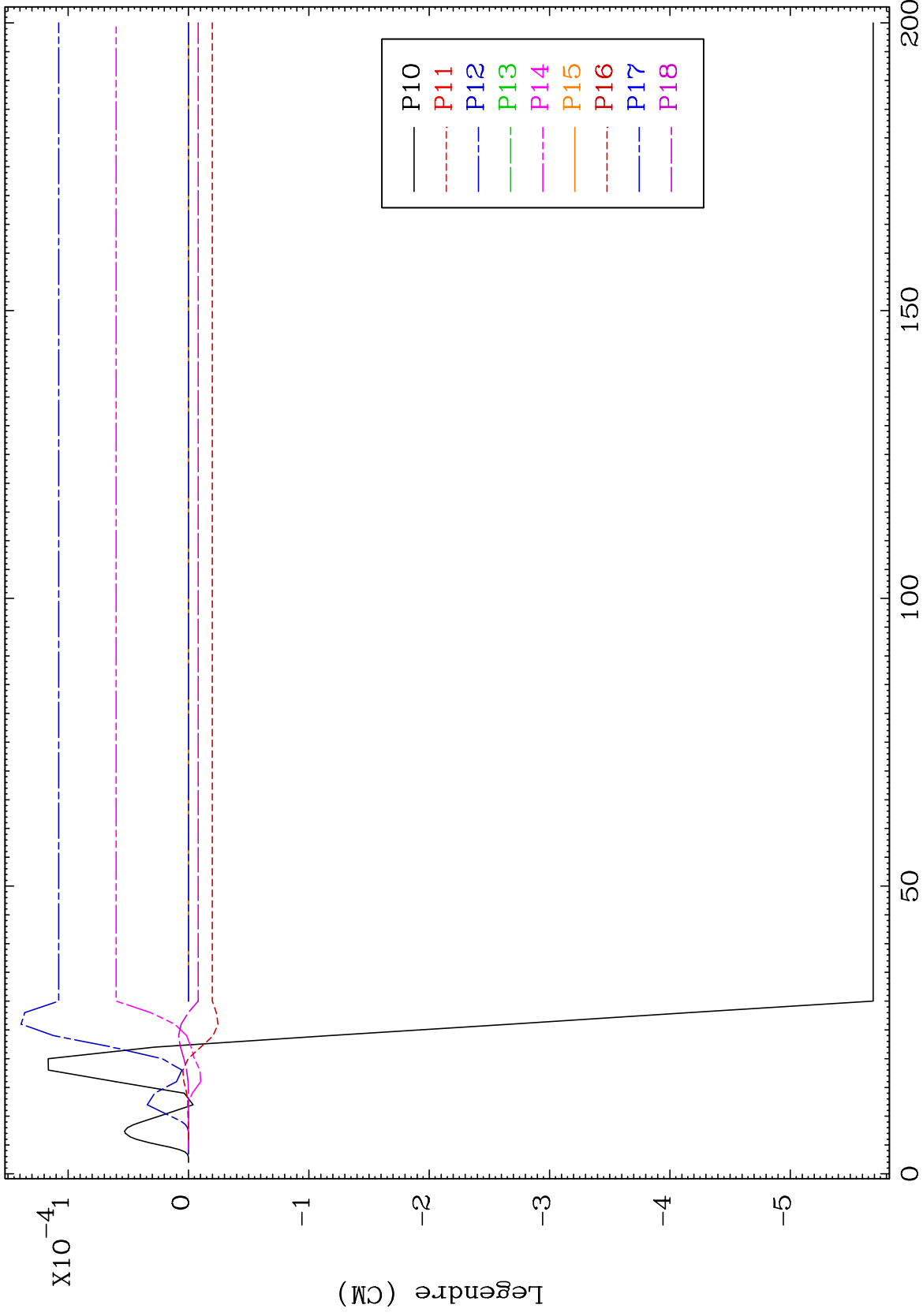
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83

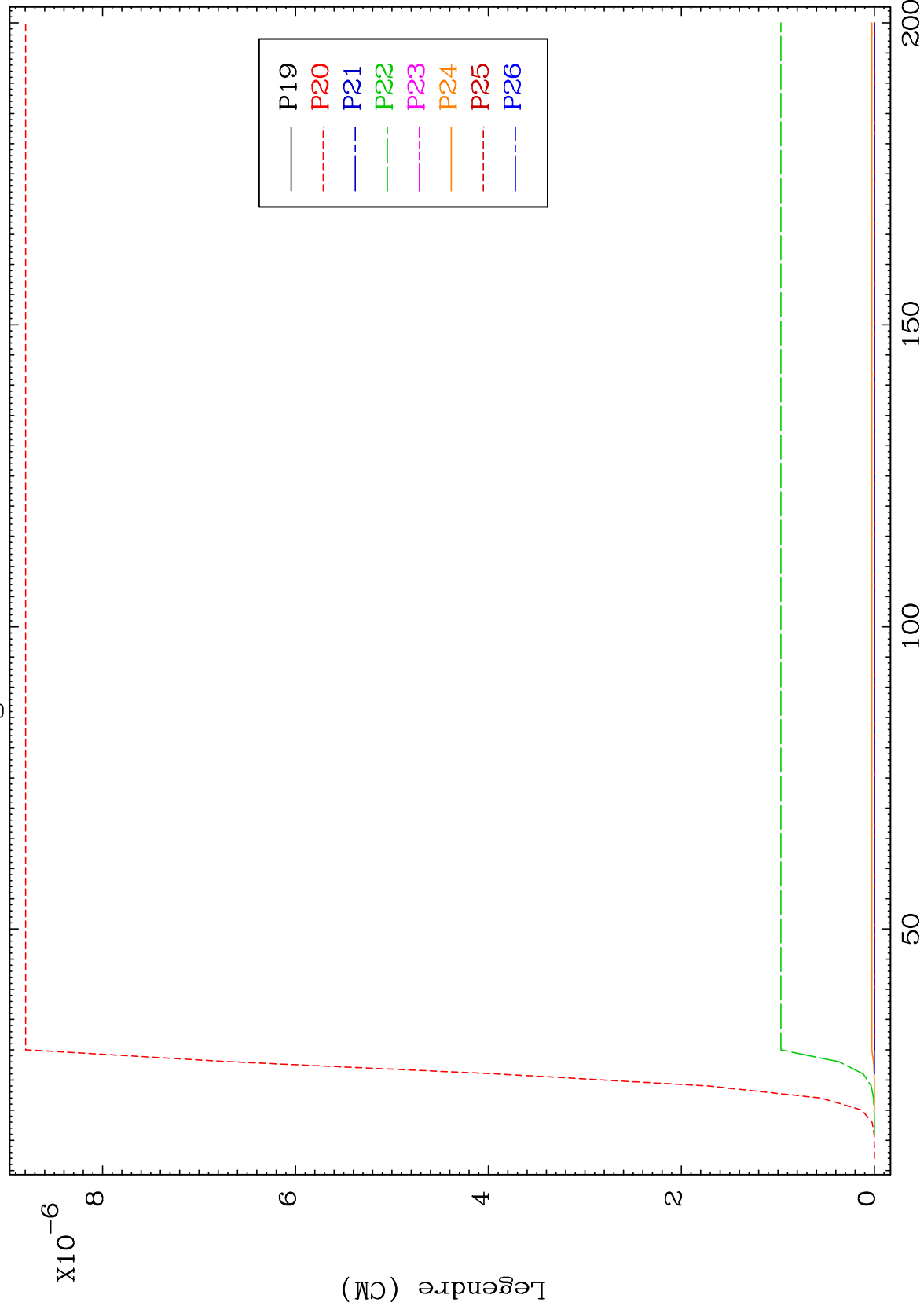
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



84

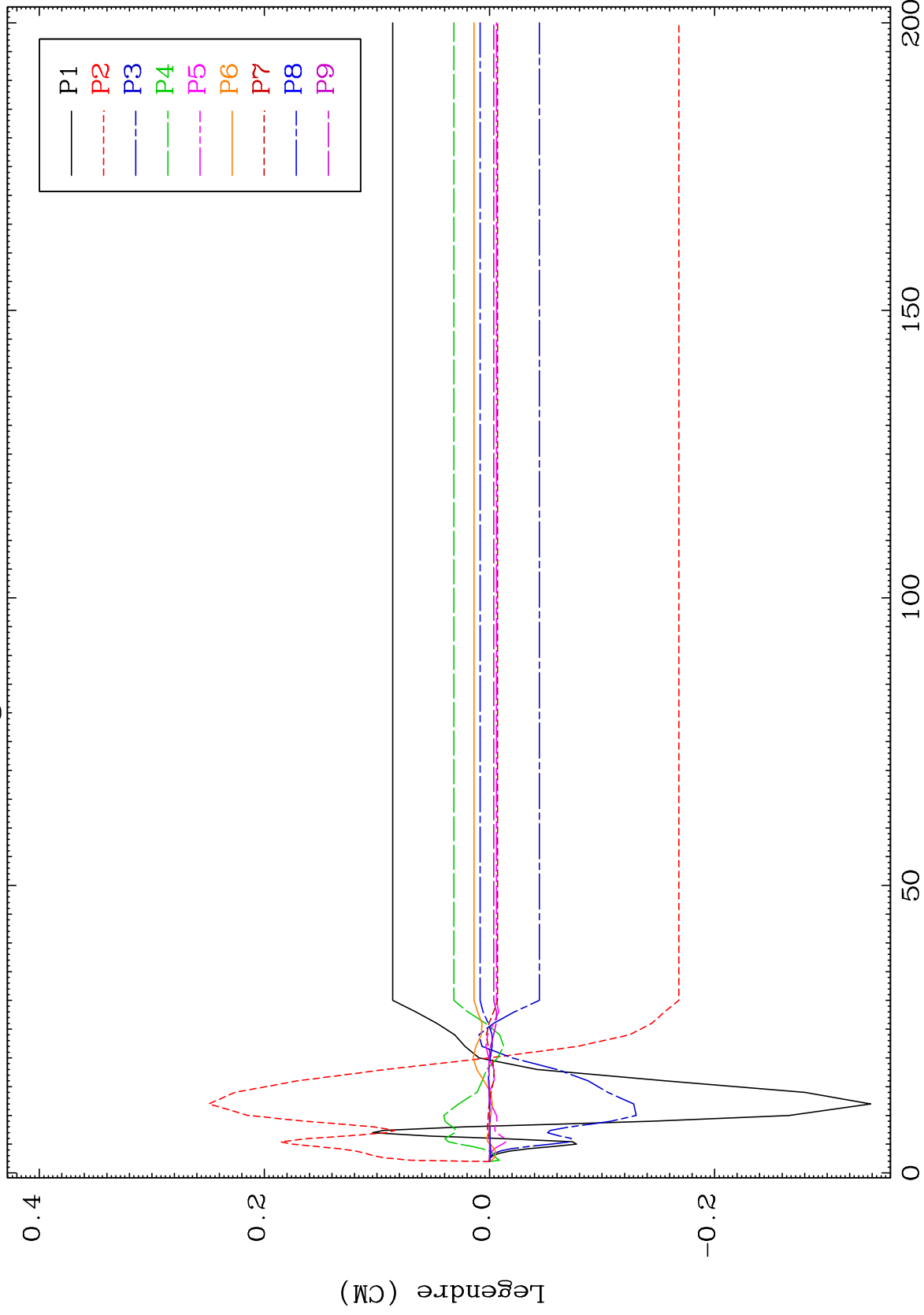
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



85

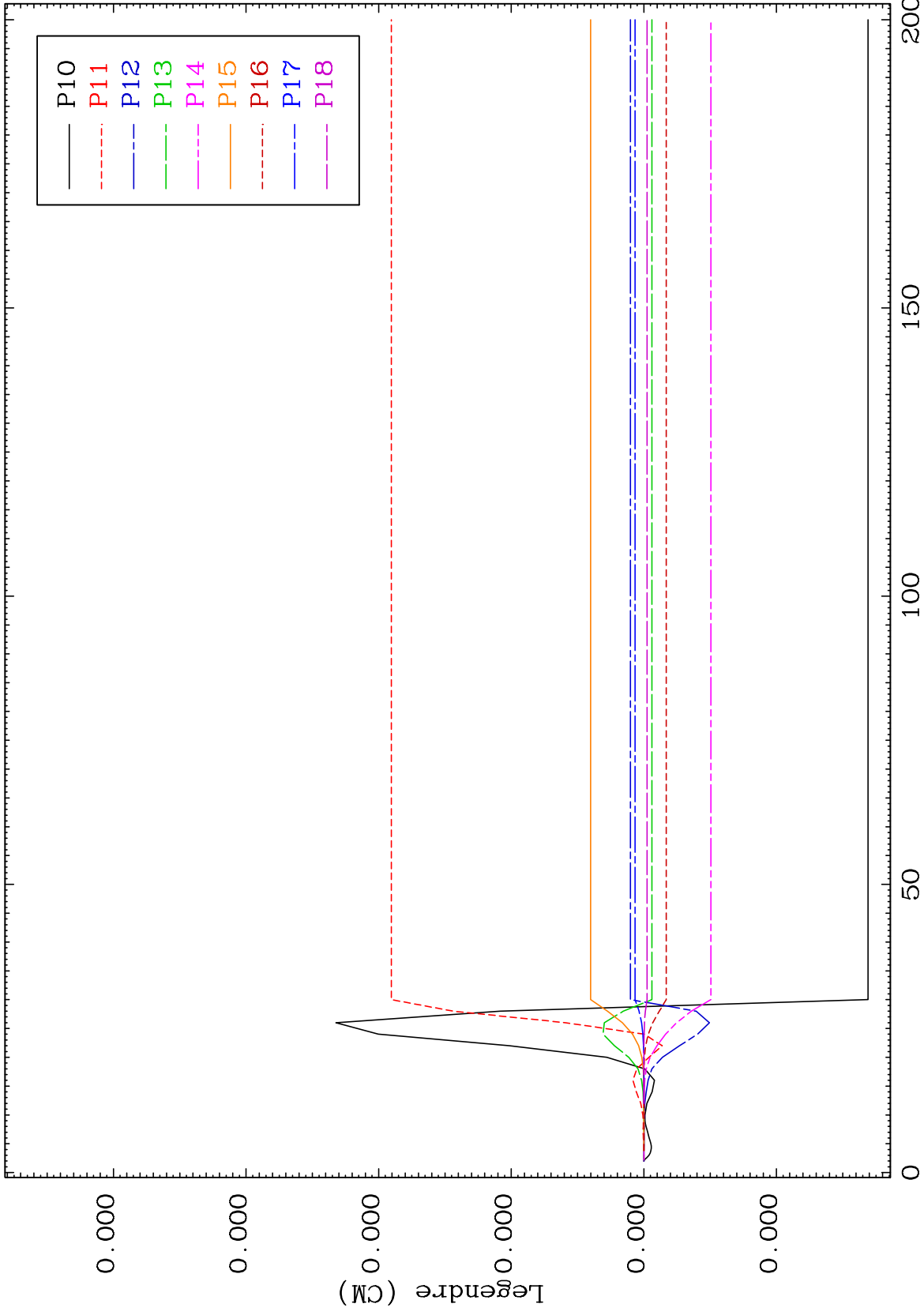
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



86

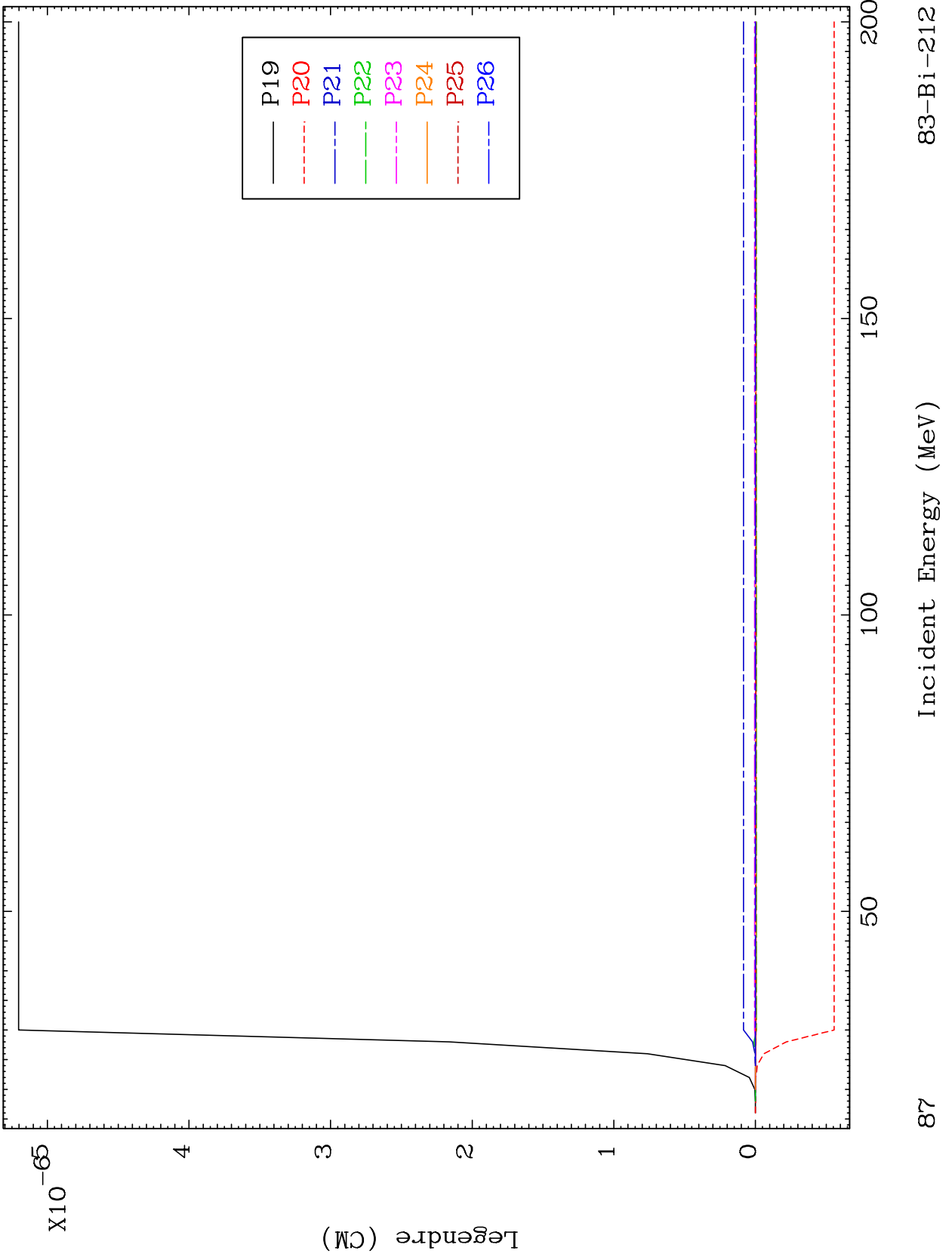
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212

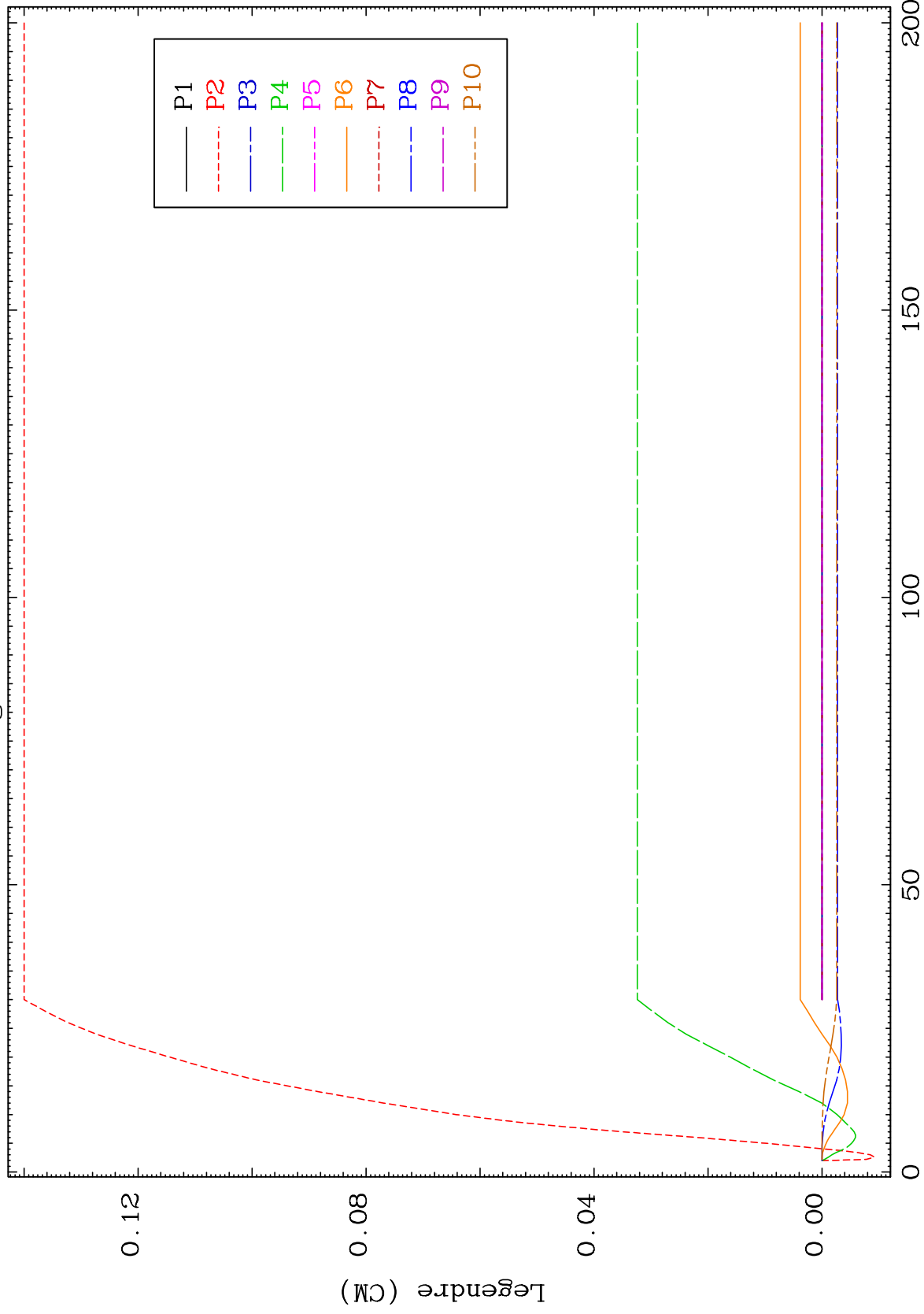




MAT 8334

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

83-Bi-212



88

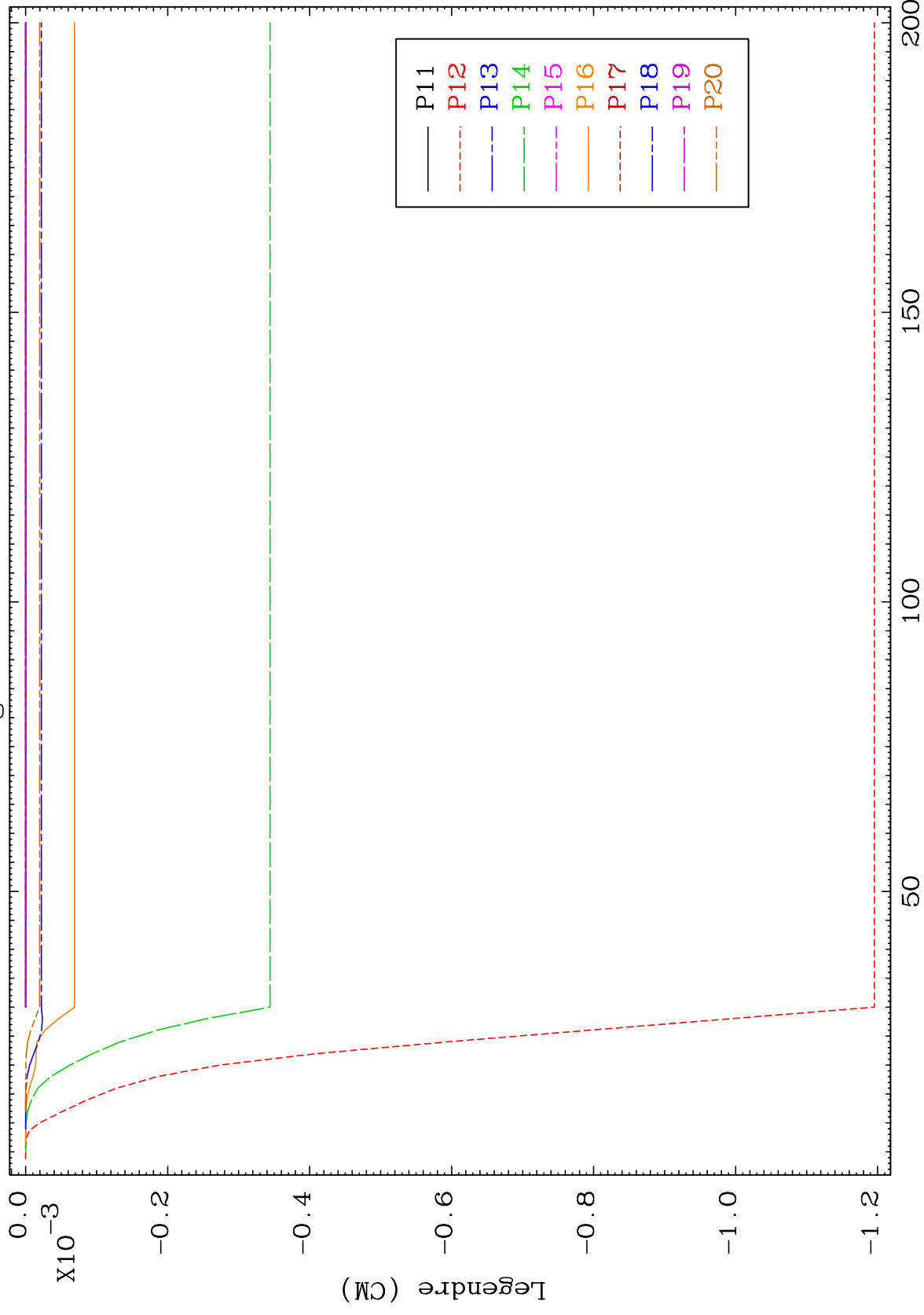
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

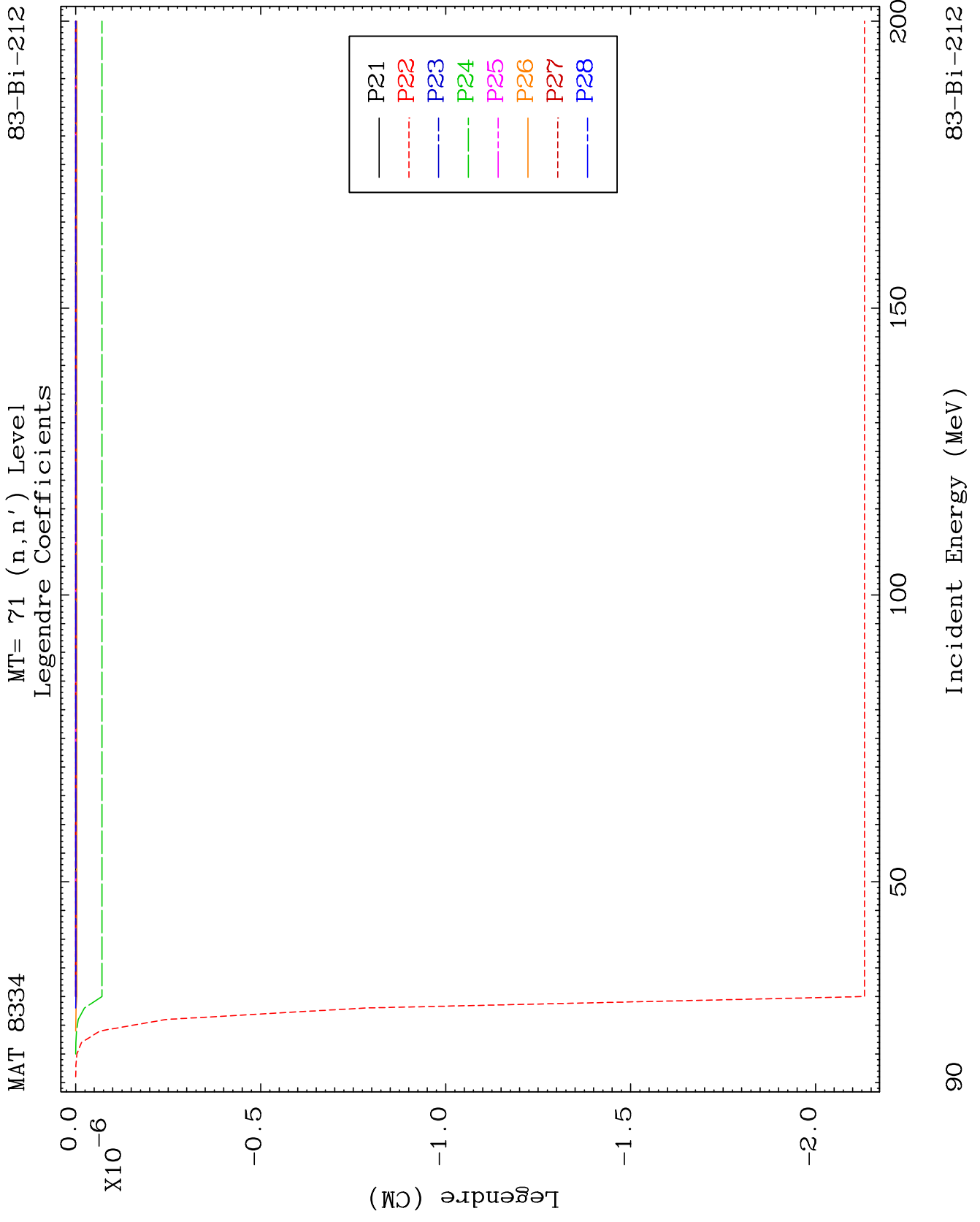
83-Bi-212



89

Incident Energy (MeV)

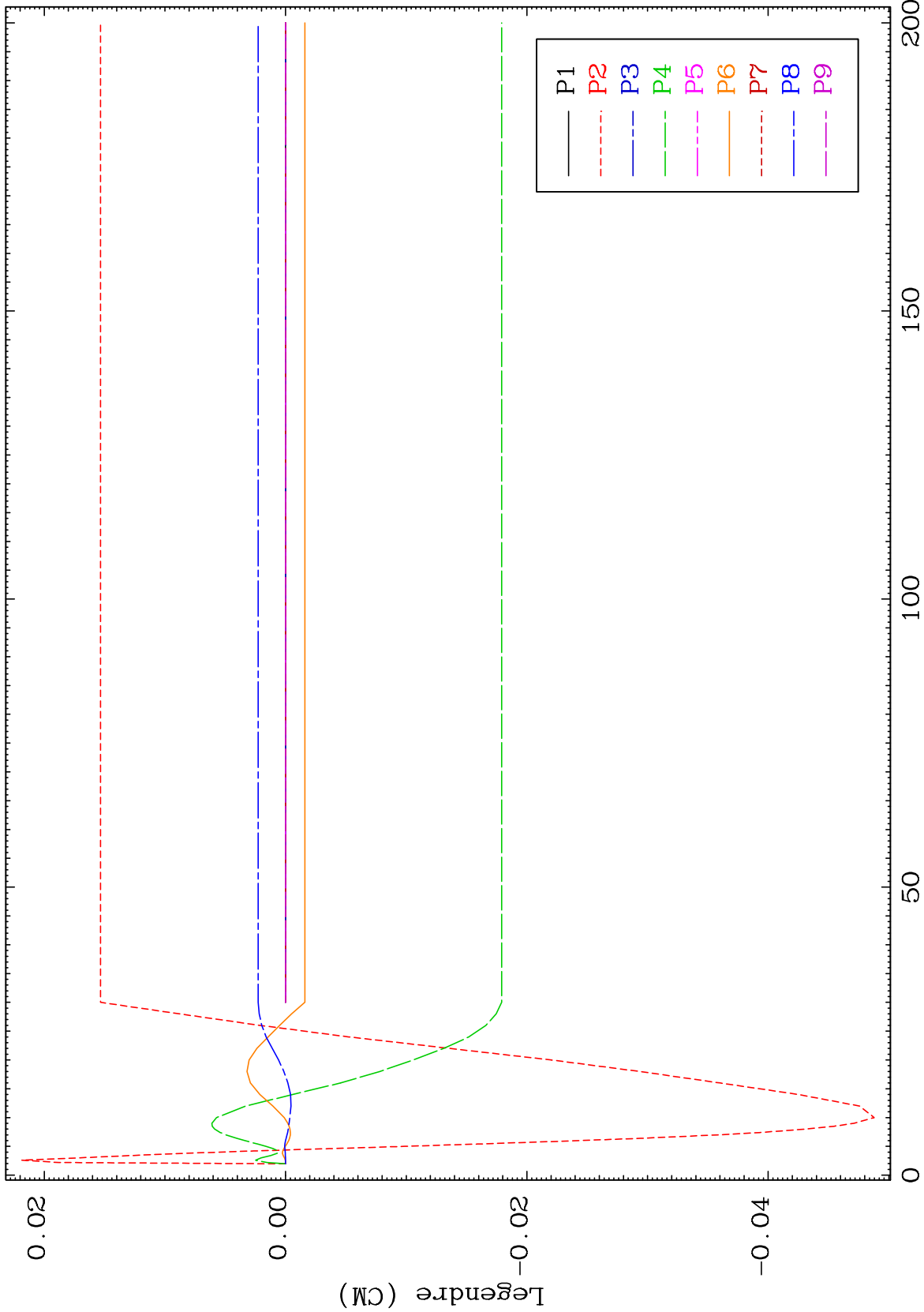
83-Bi-212



MAT 8334

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

83-Bi-212



91

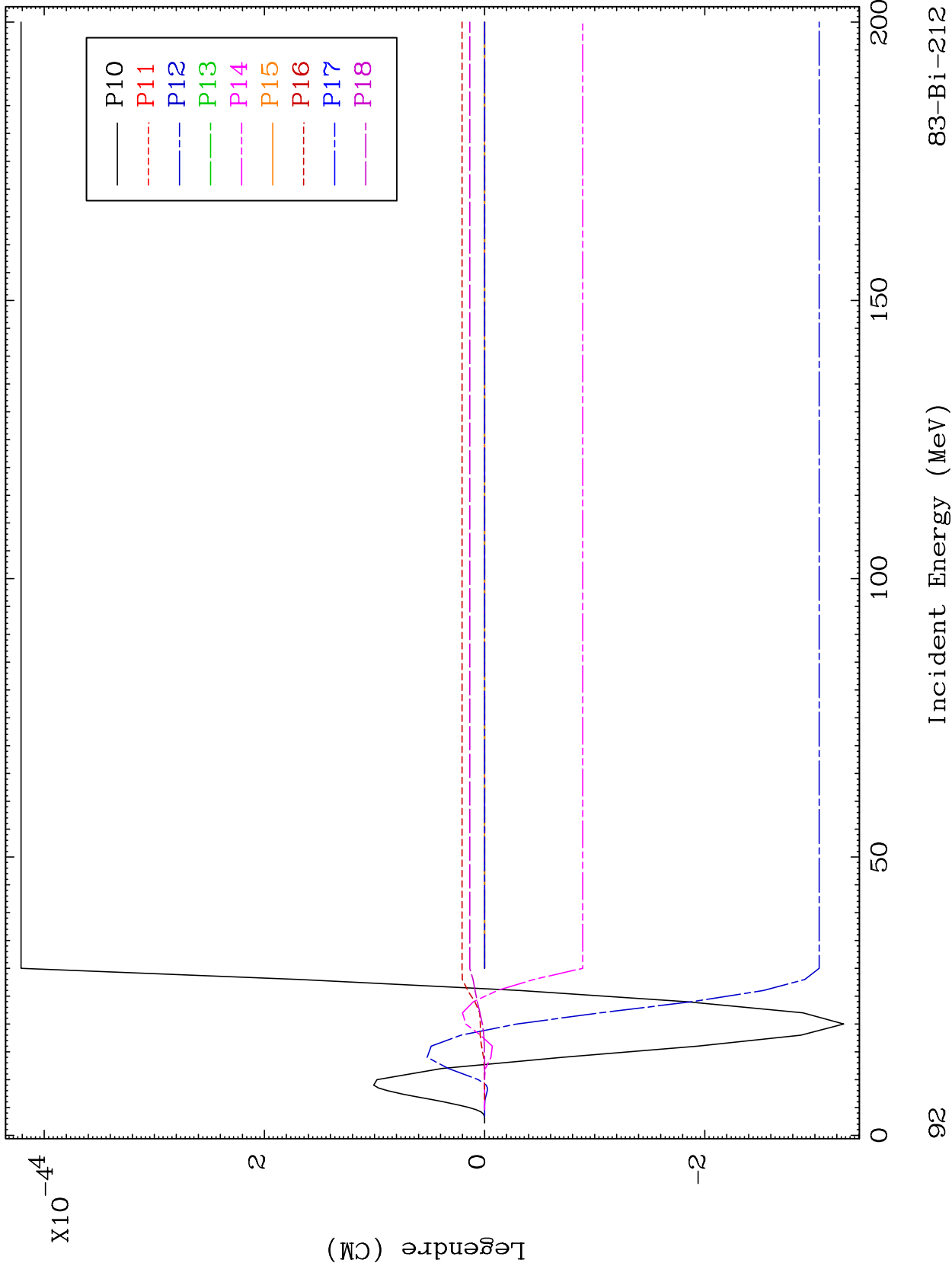
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



92

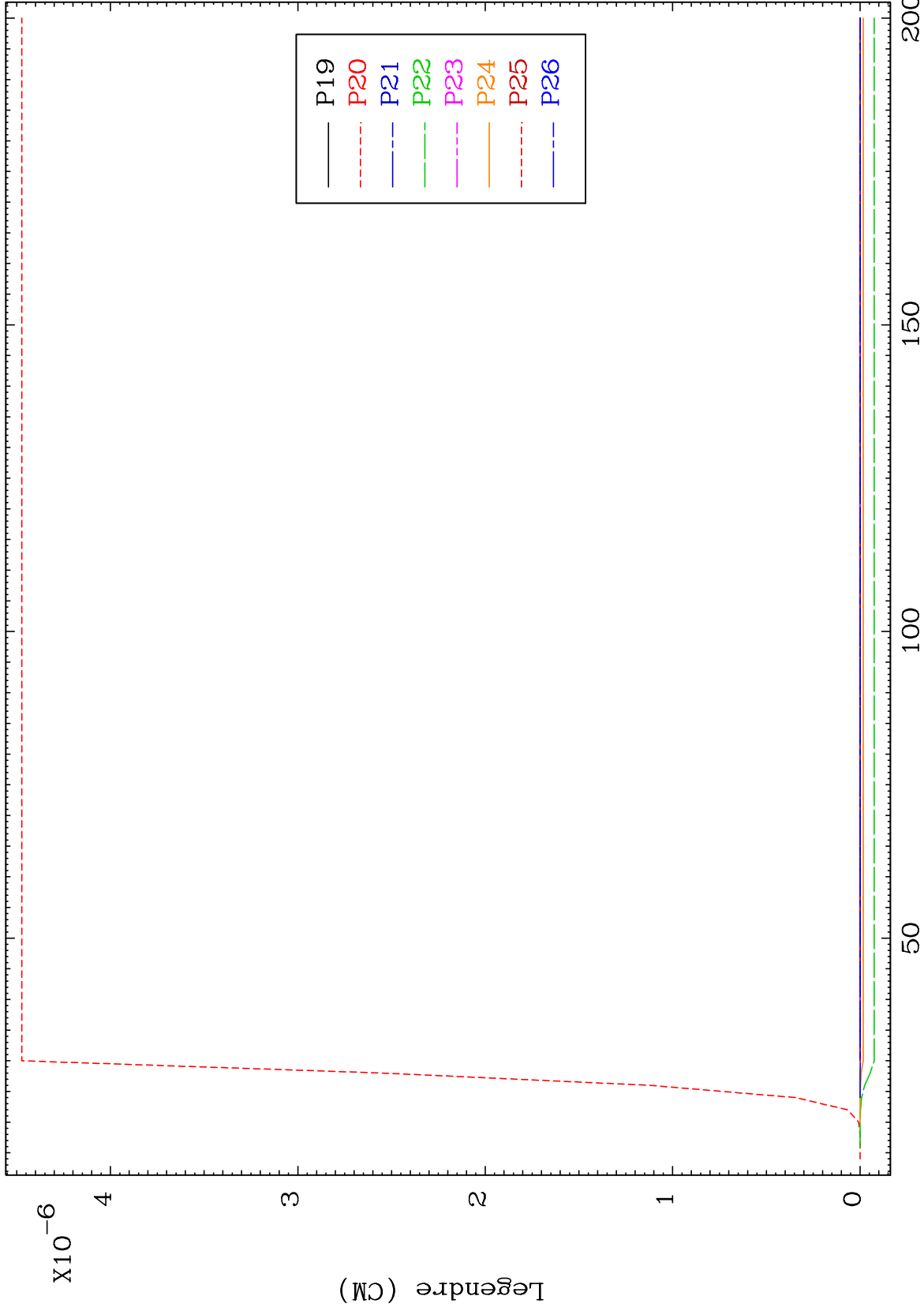
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



93

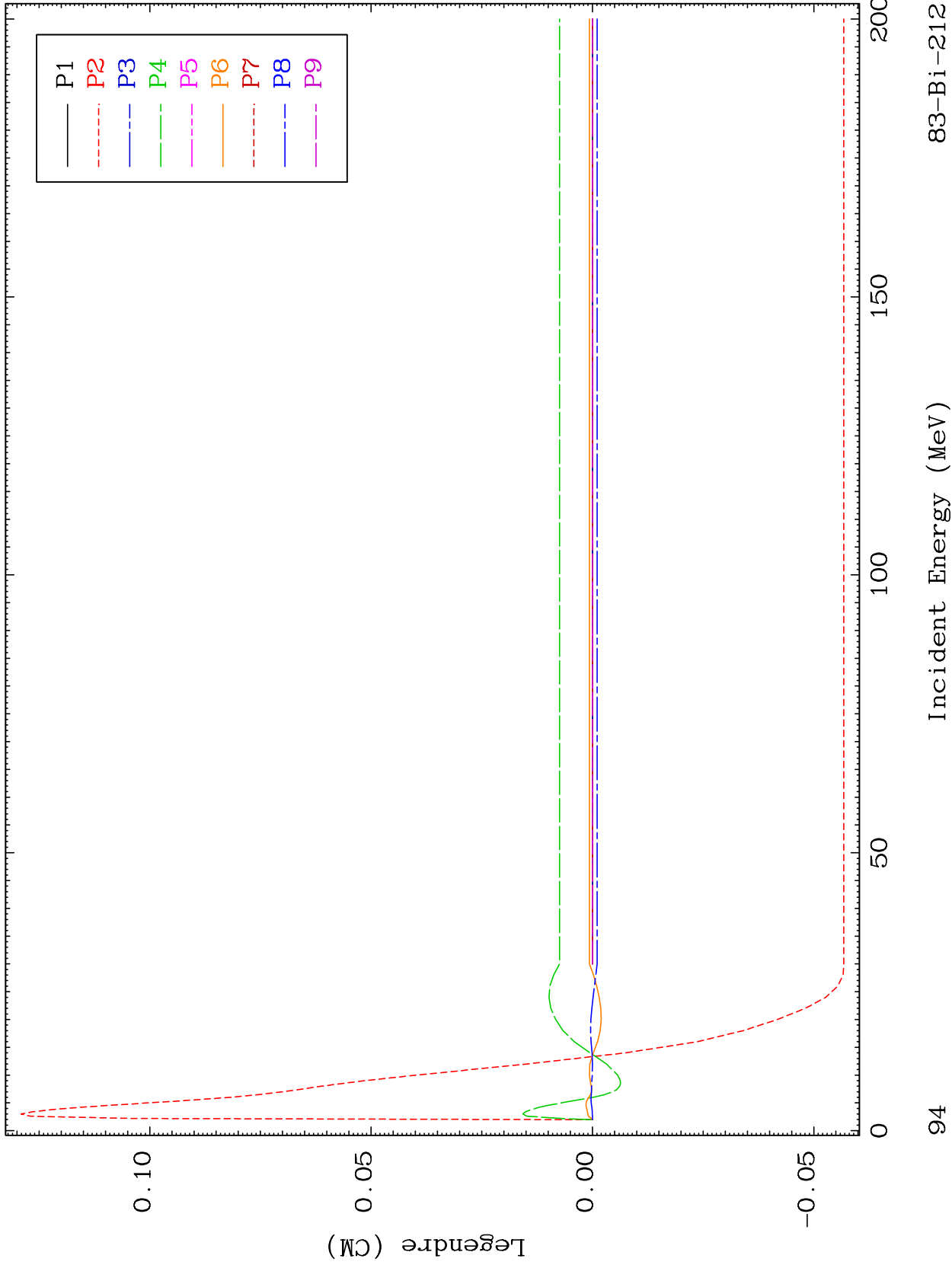
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



83-Bi-212

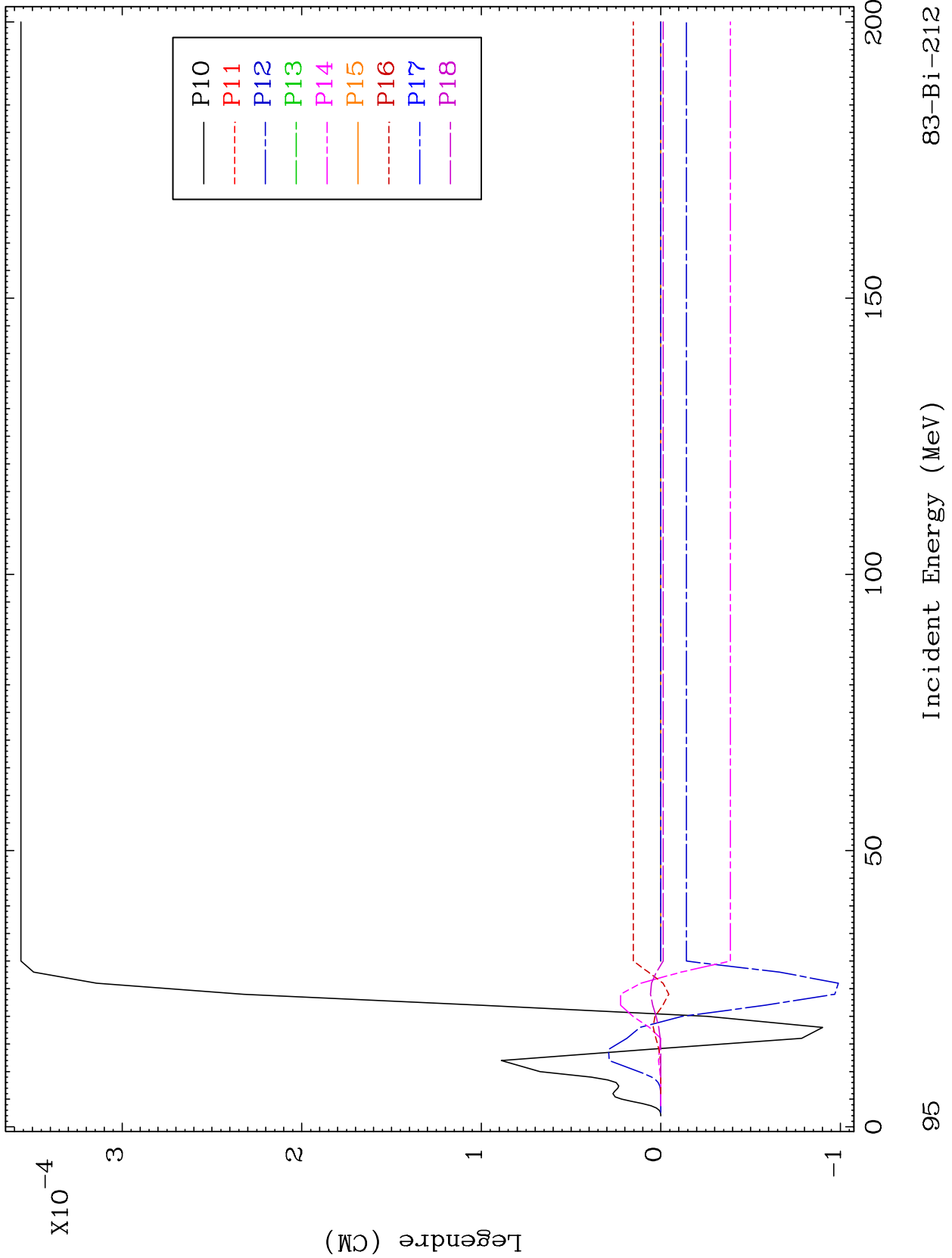
Incident Energy (MeV)

94

MAT 8334

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

83-Bi-212



83-Bi-212

Incident Energy (MeV)

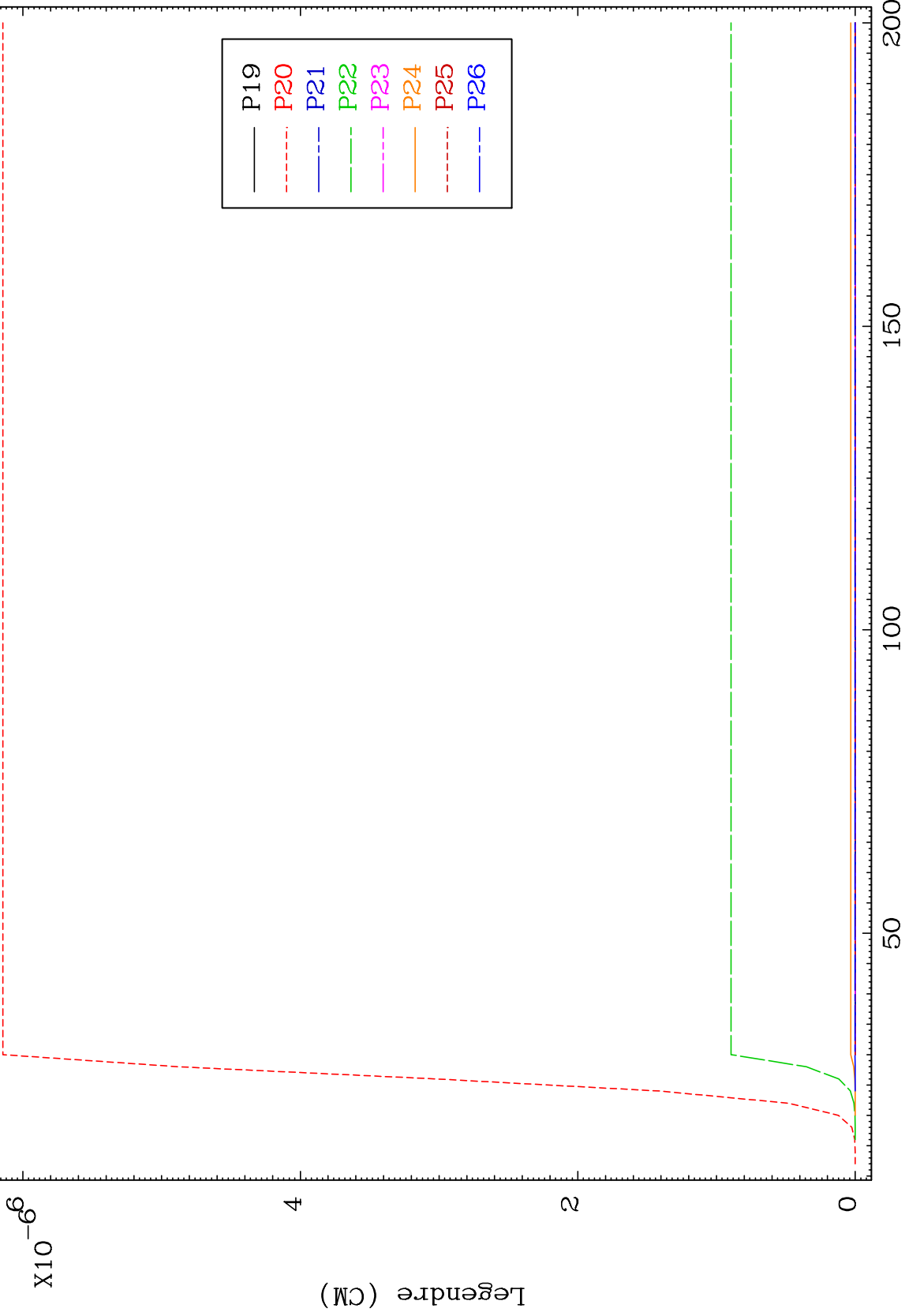
95



MAT 8334

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

83-Bi-212



96

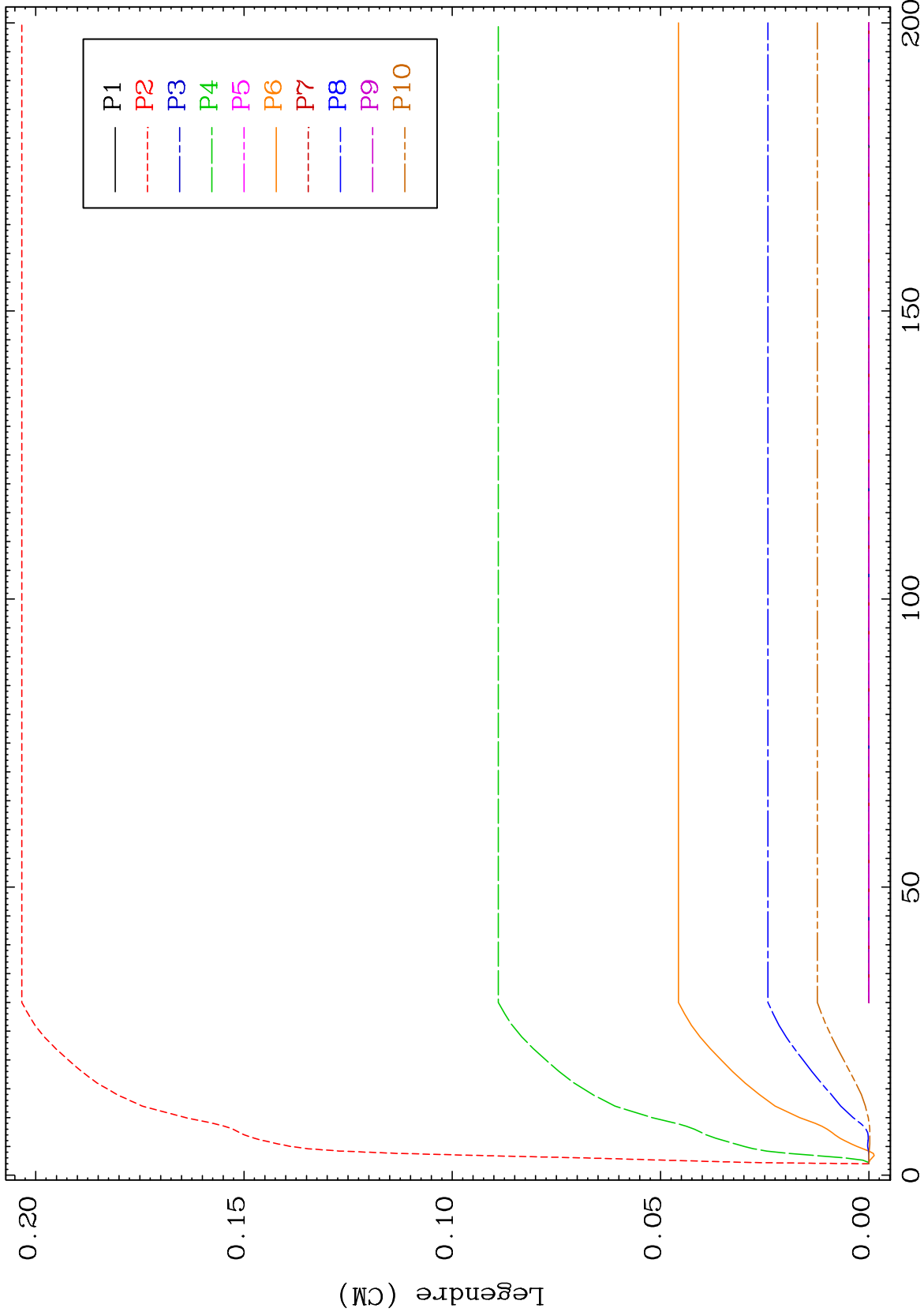
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



97

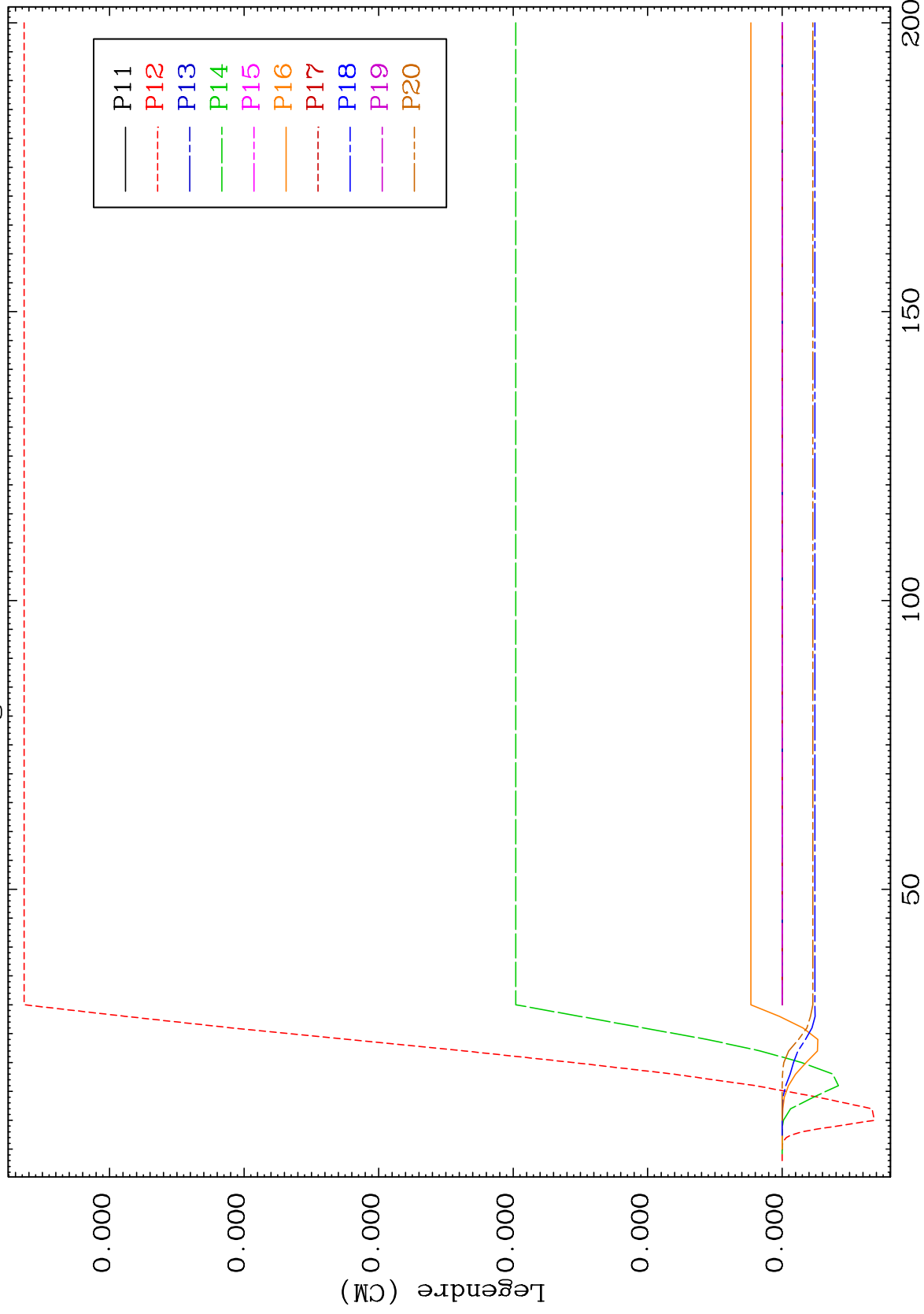
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212



98

Incident Energy (MeV)

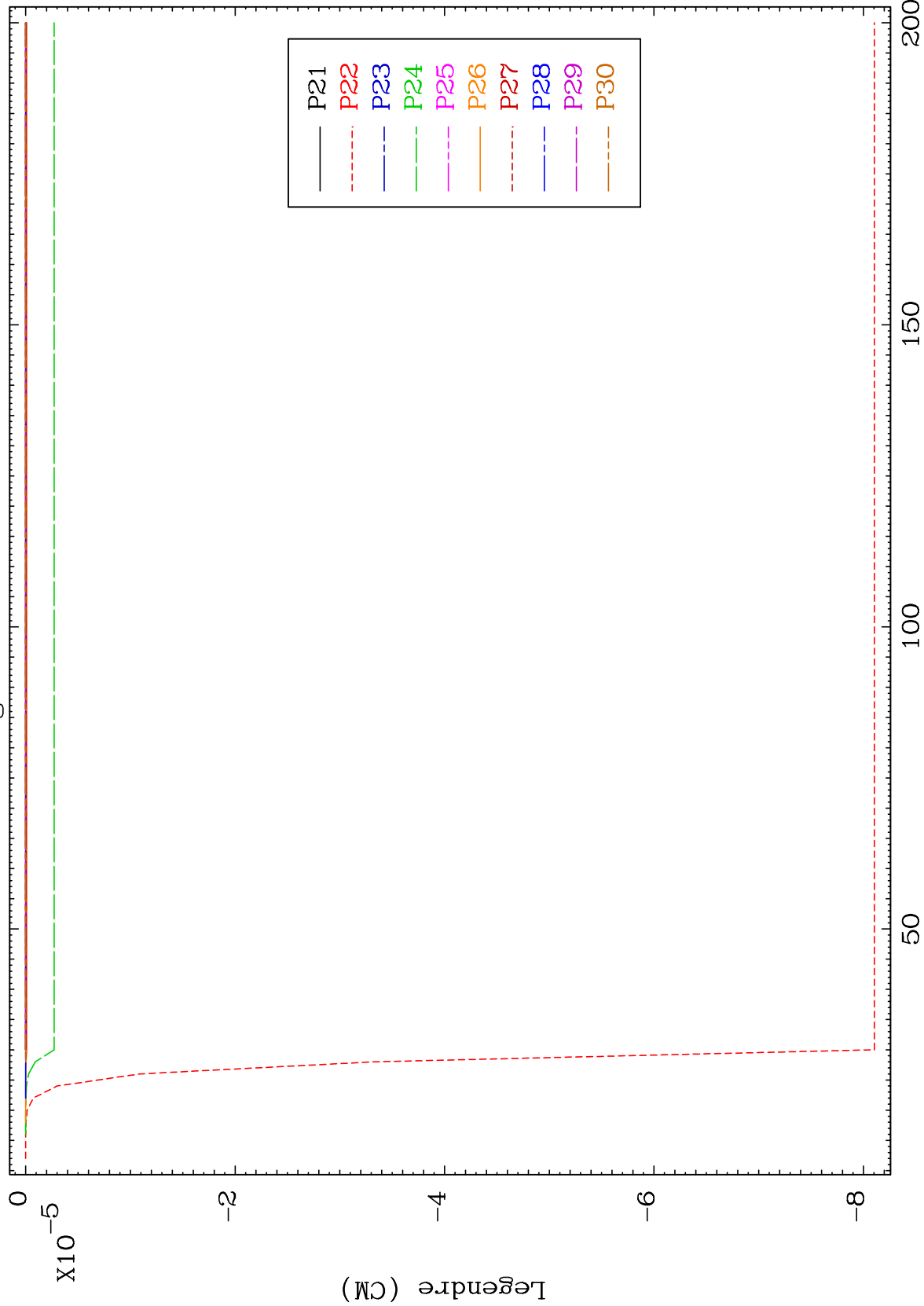
83-Bi-212

MAT 8334

MT= 74 (n,n') Level

83-Bi-212

Legendre Coefficients



99

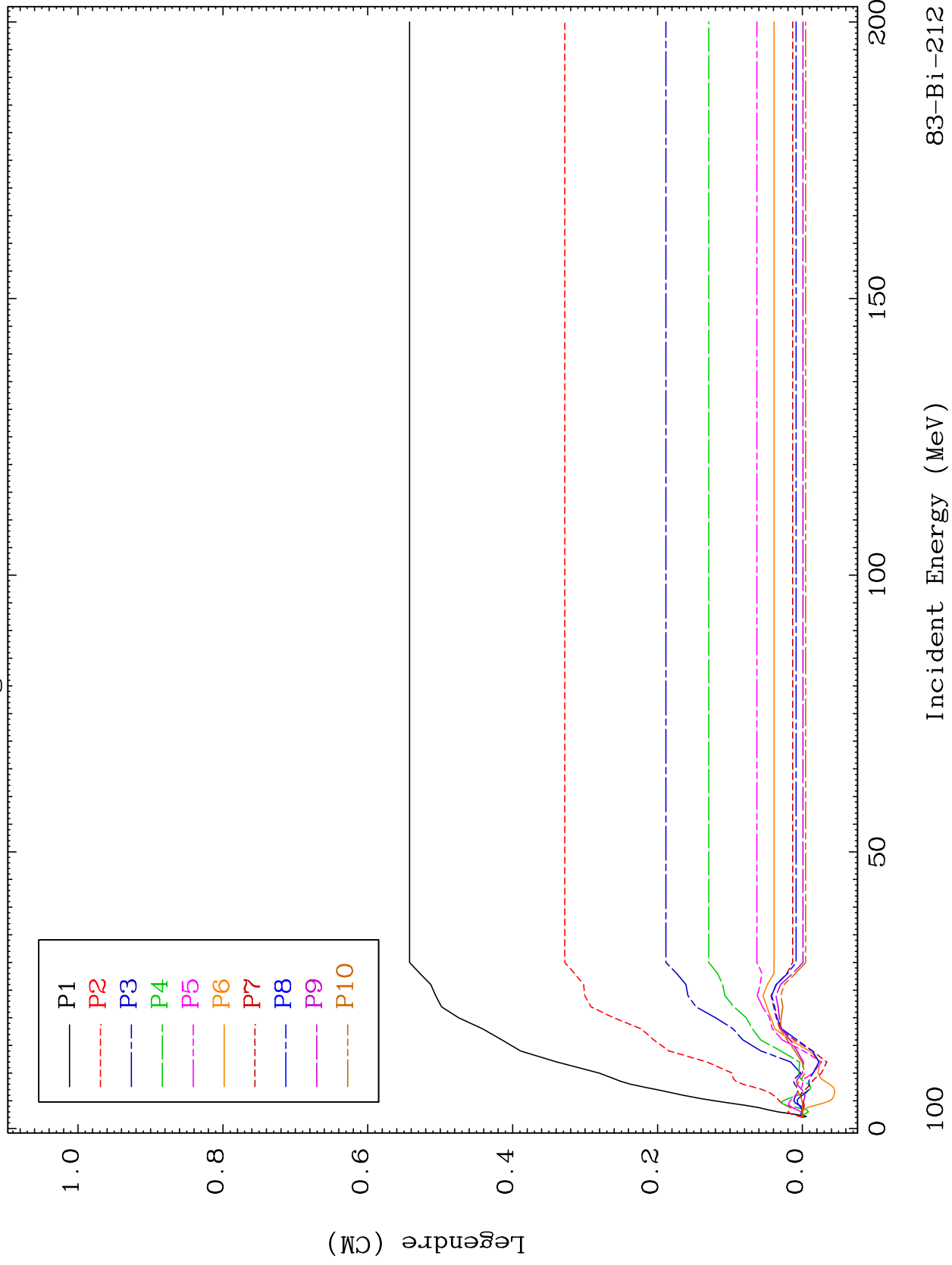
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

83-Bi-212

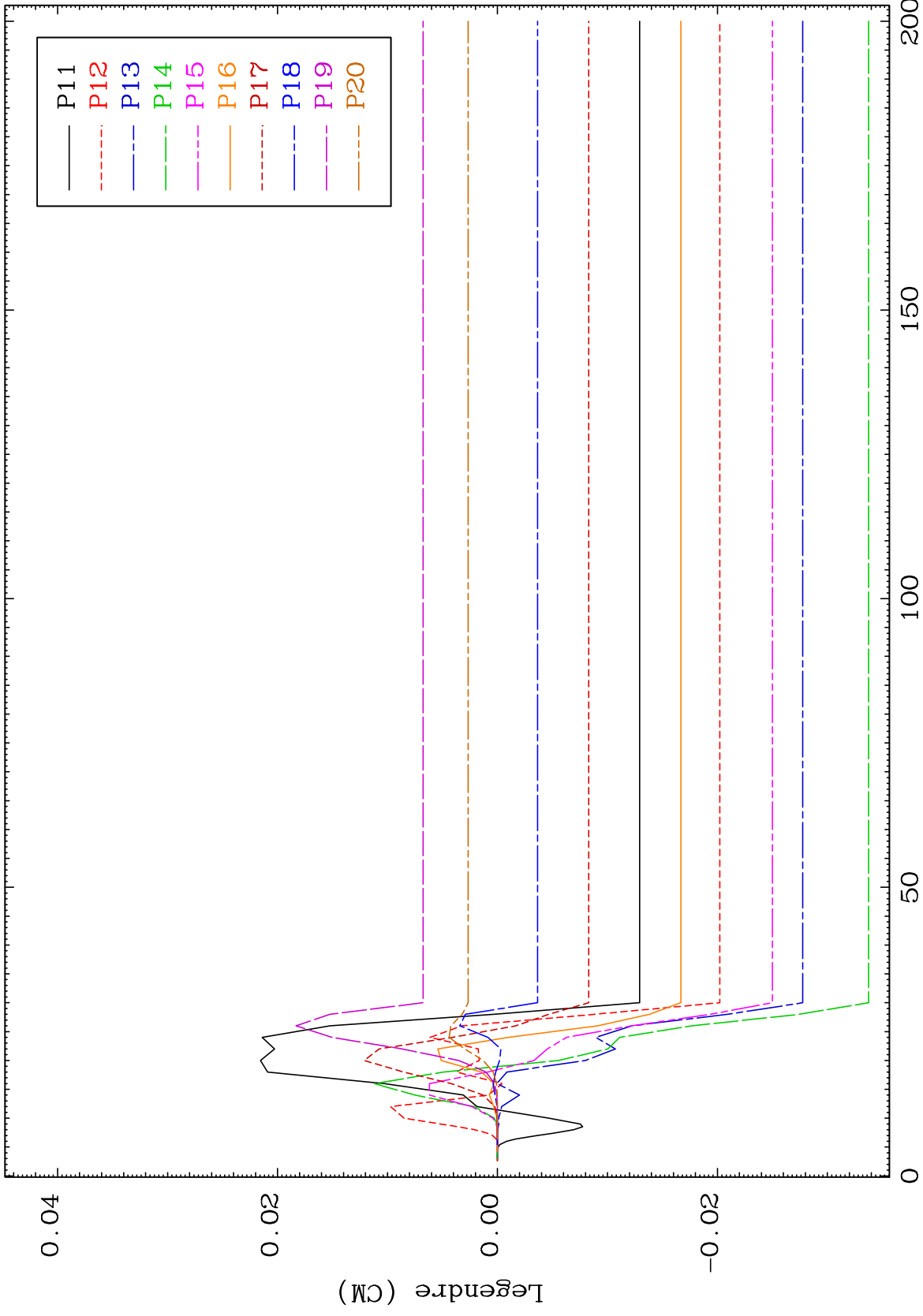


83-Bi-212

MAT 8334

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

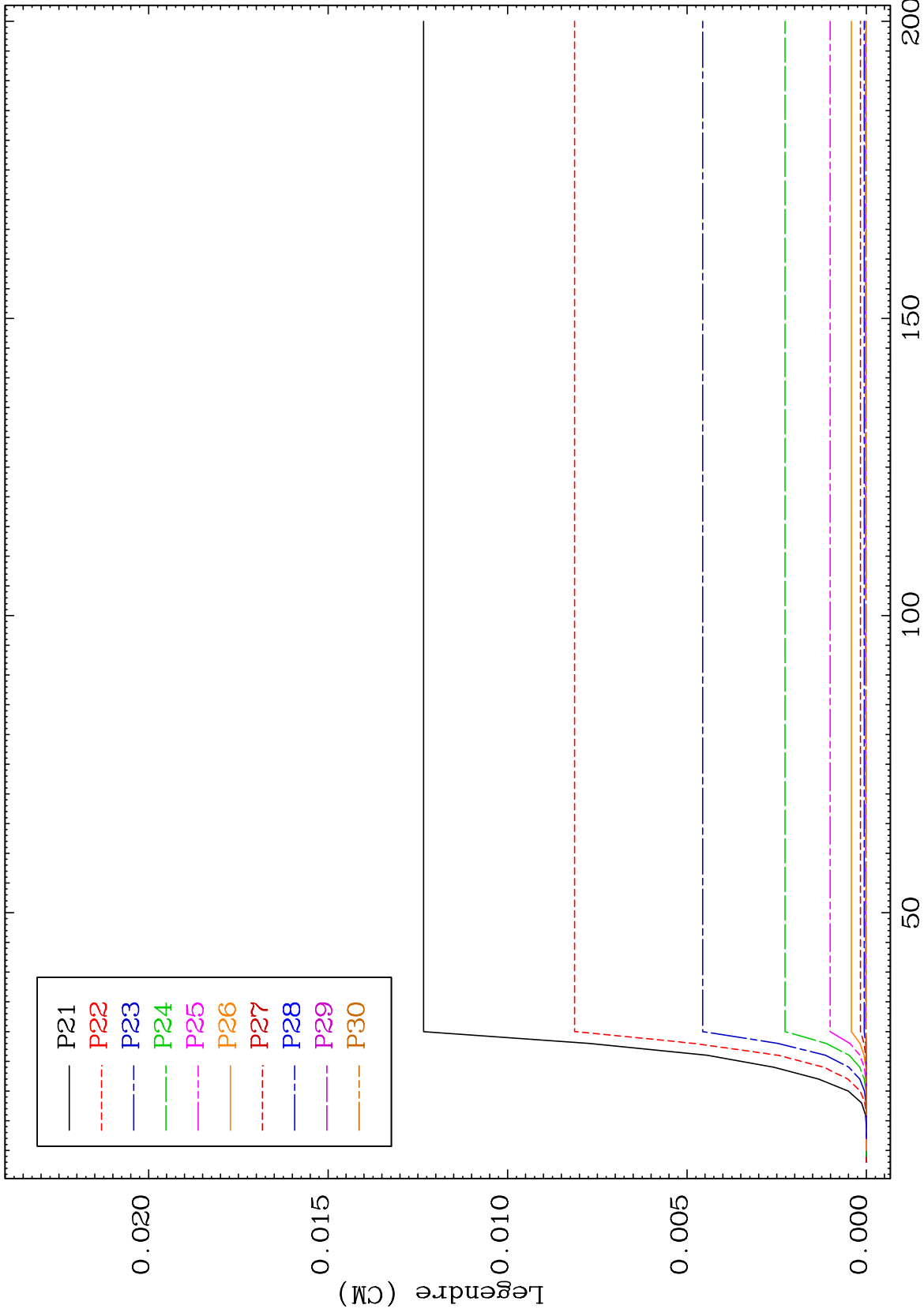
83-Bi-212



101

Incident Energy (MeV)

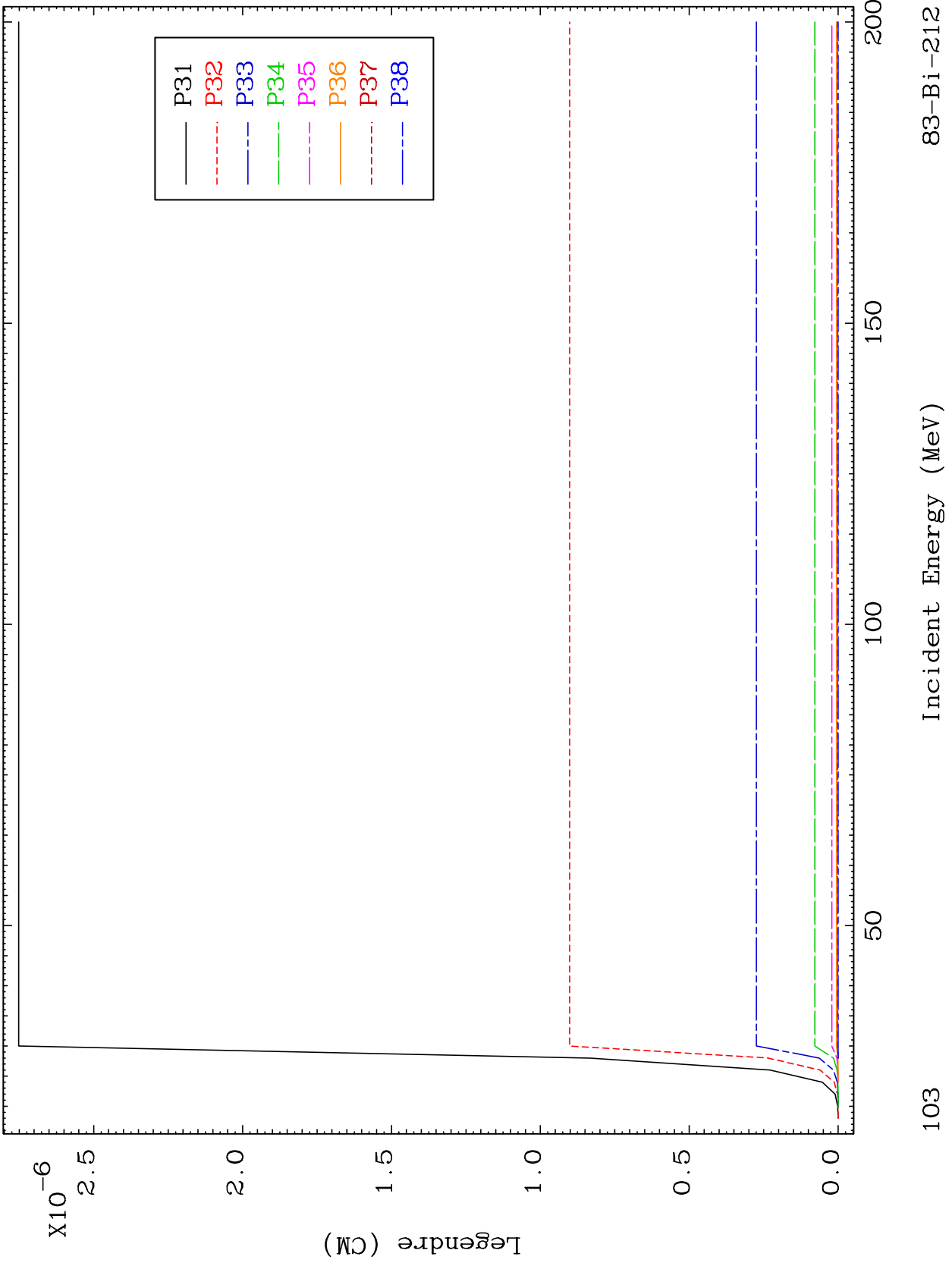
83-Bi-212



MAT 8334

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

83-Bi-212



103

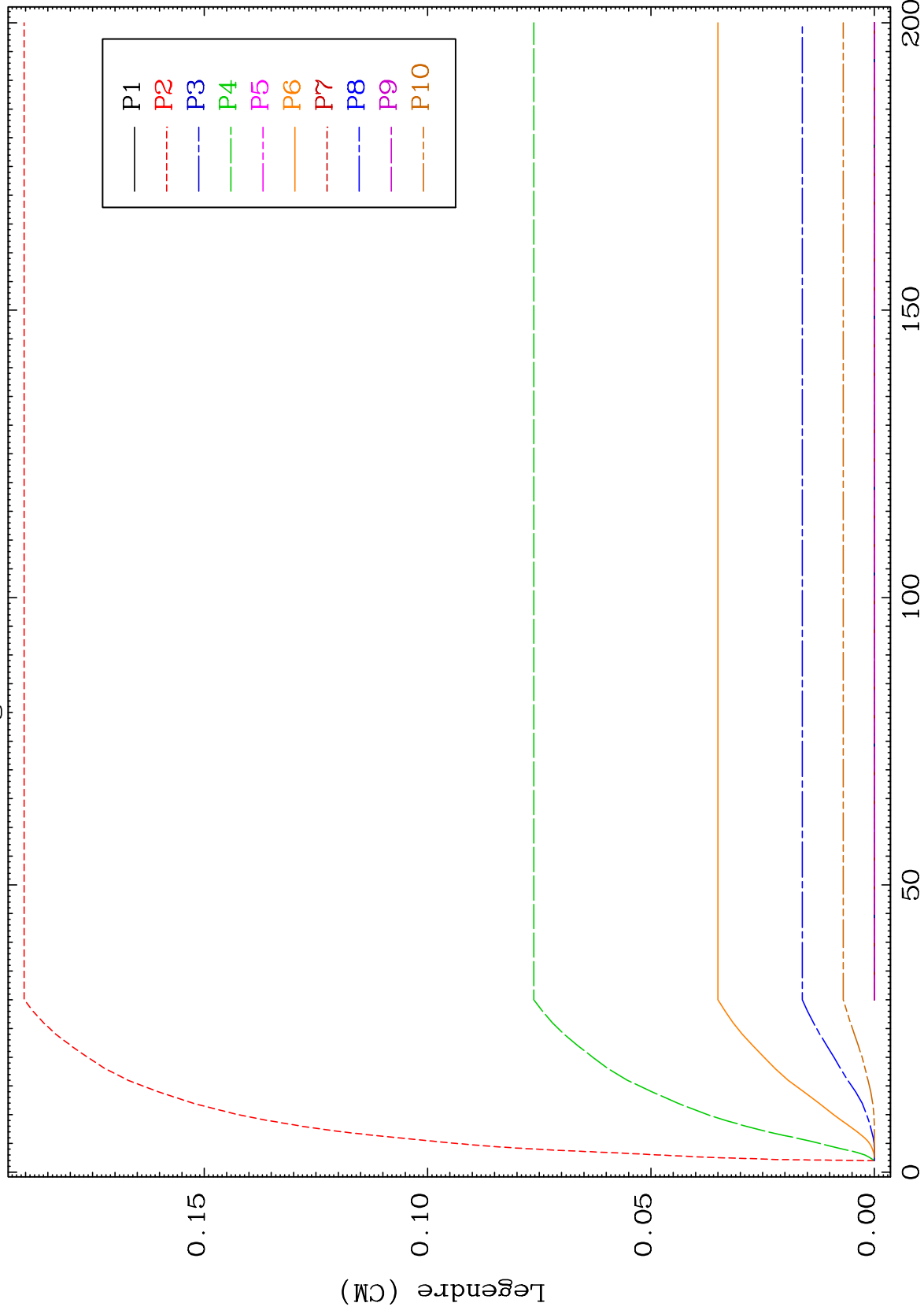
83-Bi-212



MAT 8334

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

83-Bi-212



104

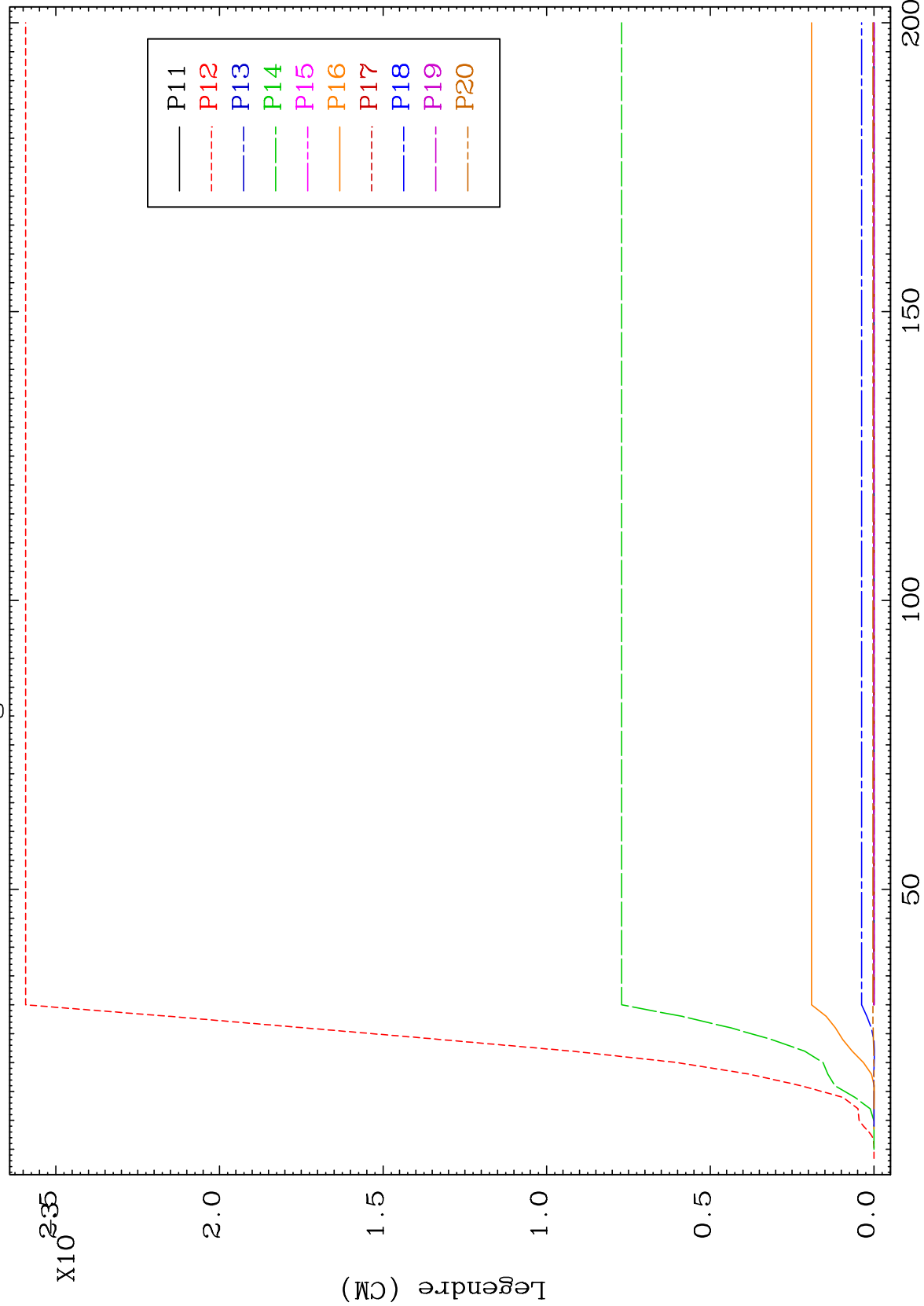
Incident Energy (MeV)

83-Bi-212

MAT 8334

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

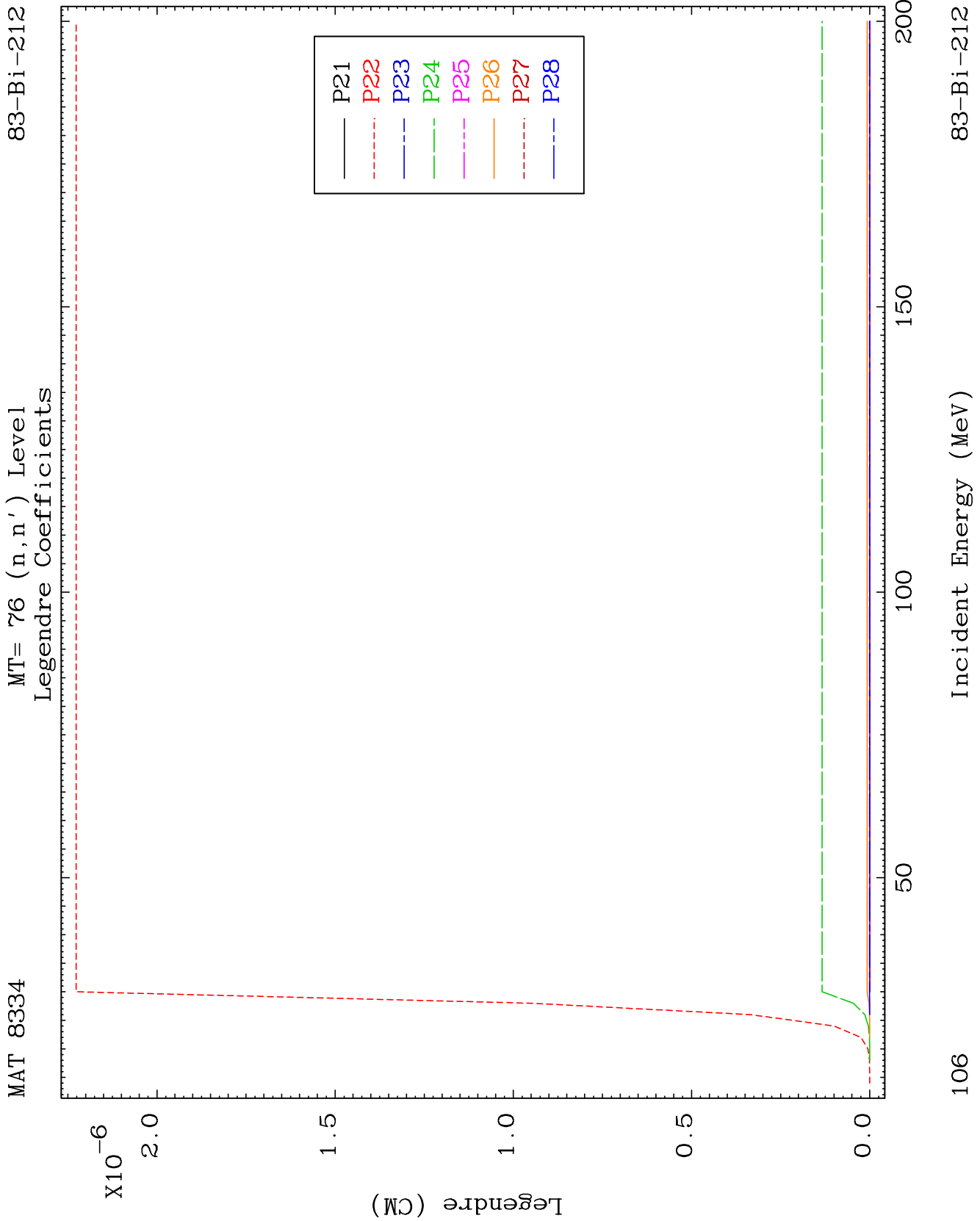
83-Bi-212



105

Incident Energy (MeV)

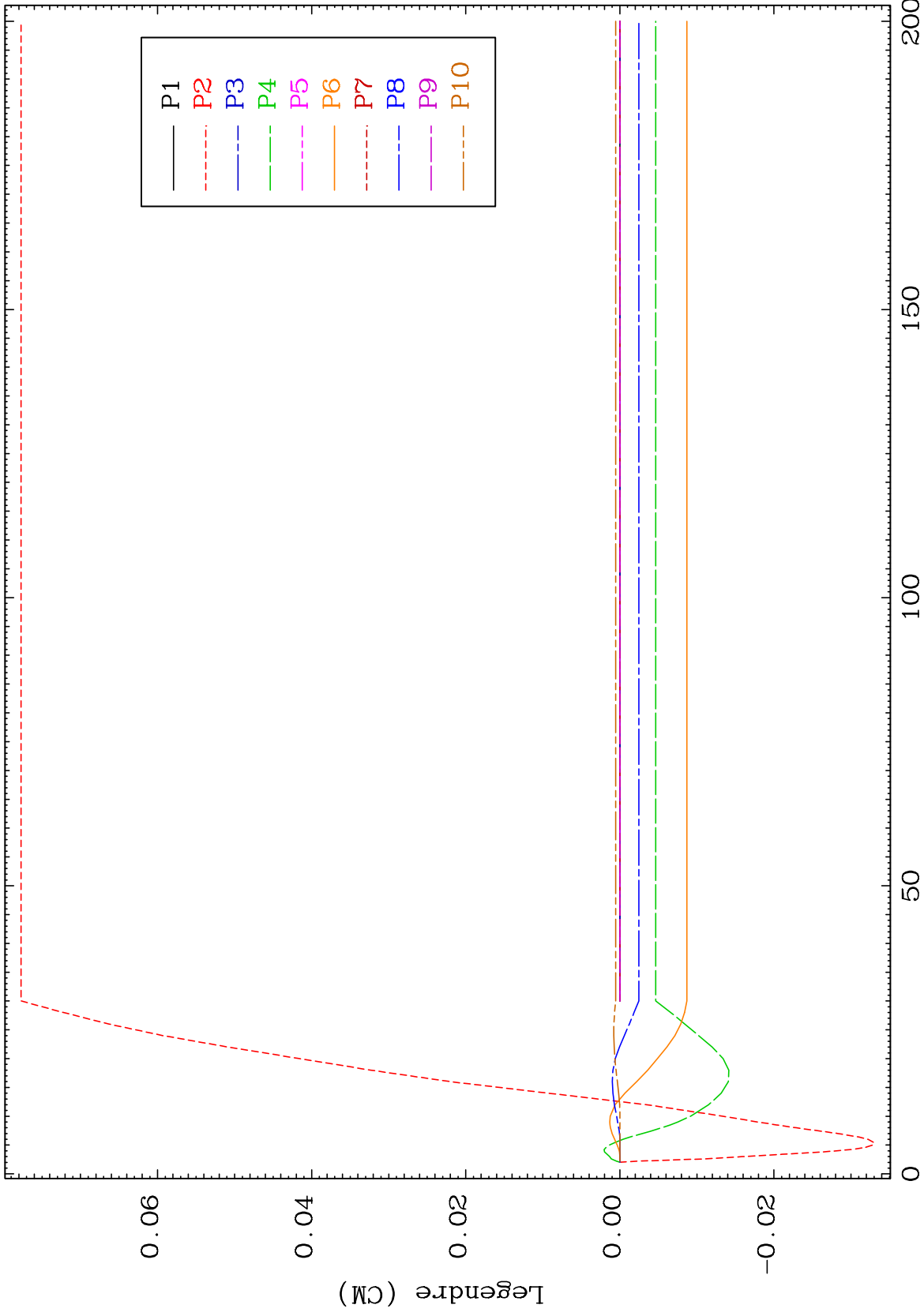
83-Bi-212



MAT 8334

MT= 77 (n,n') Level  
Legendre Coefficients

83-Bi-212



107

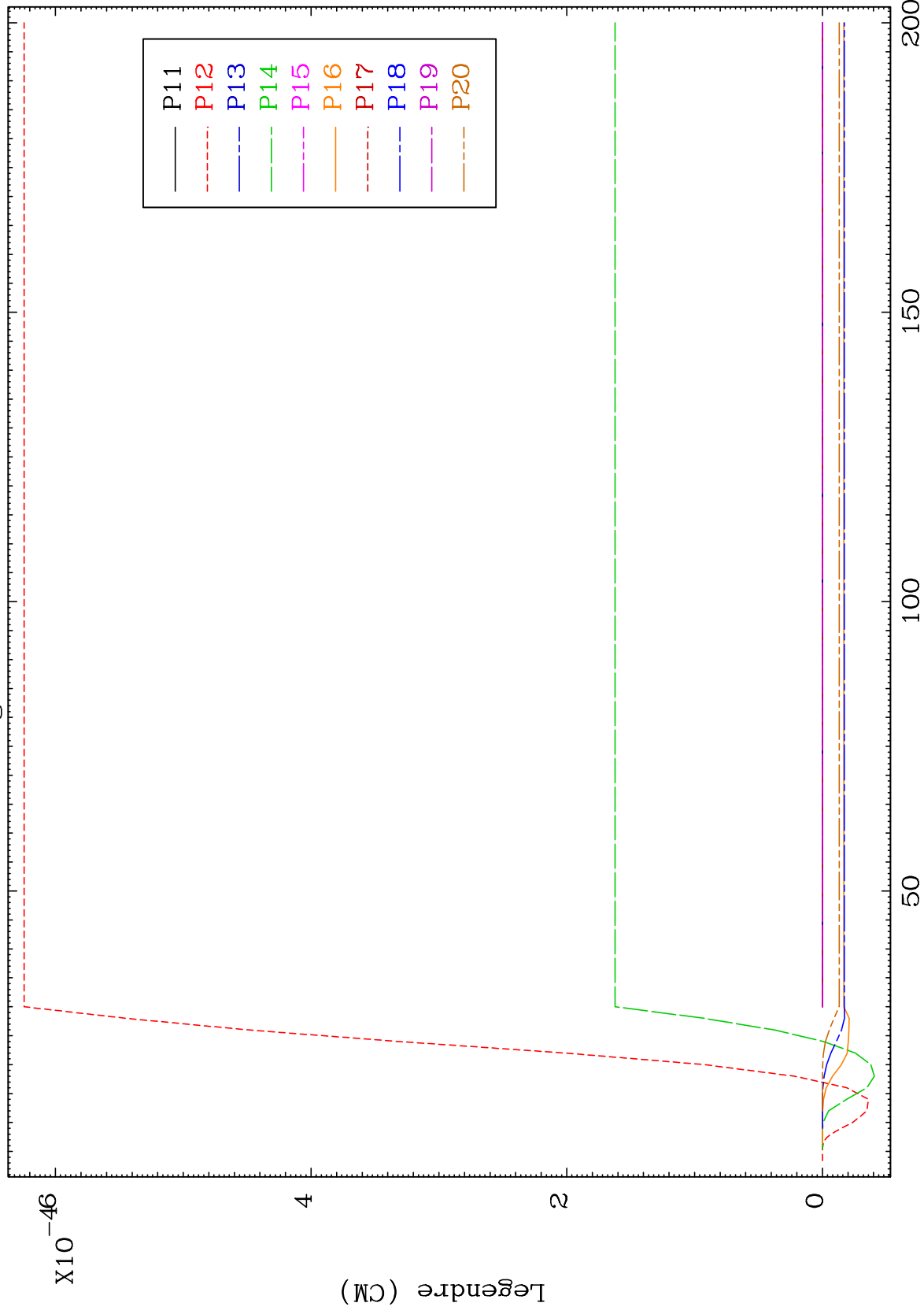
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 77 (n,n') Level  
Legendre Coefficients

83-Bi-212



108

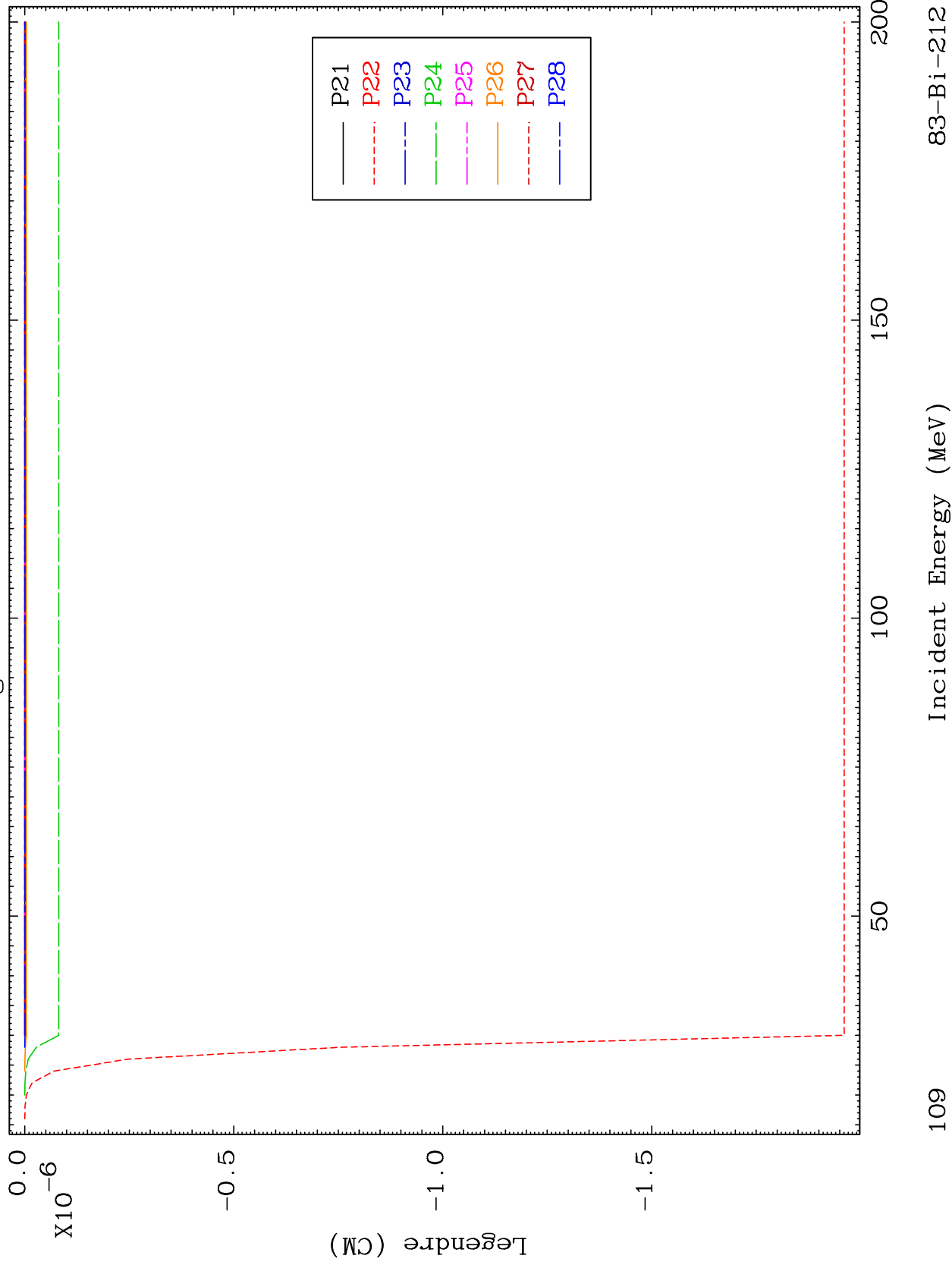
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 77 (n,n') Level  
Legendre Coefficients

83-Bi-212



109

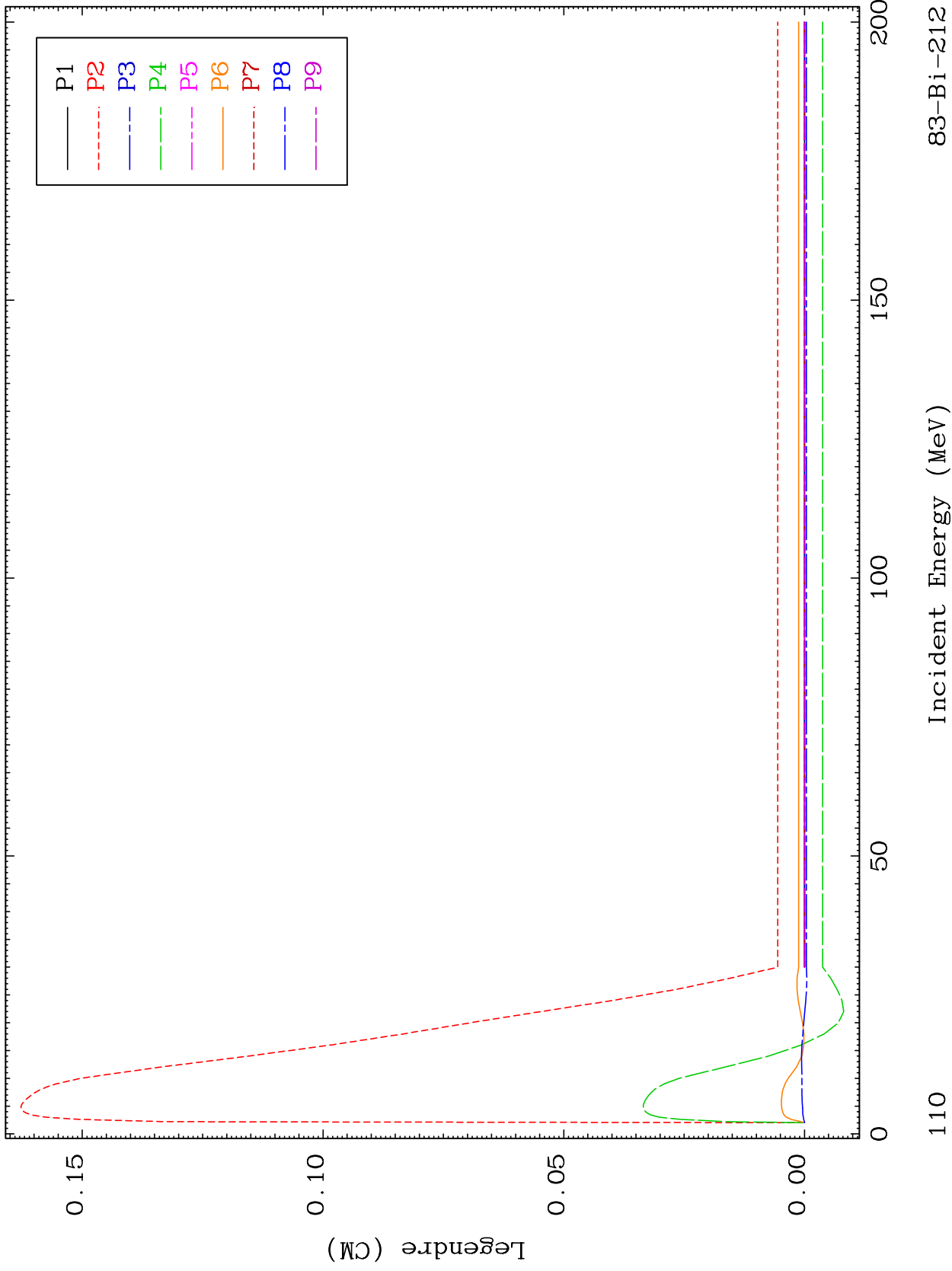
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 78 (n,n') Level  
Legendre Coefficients

83-Bi-212

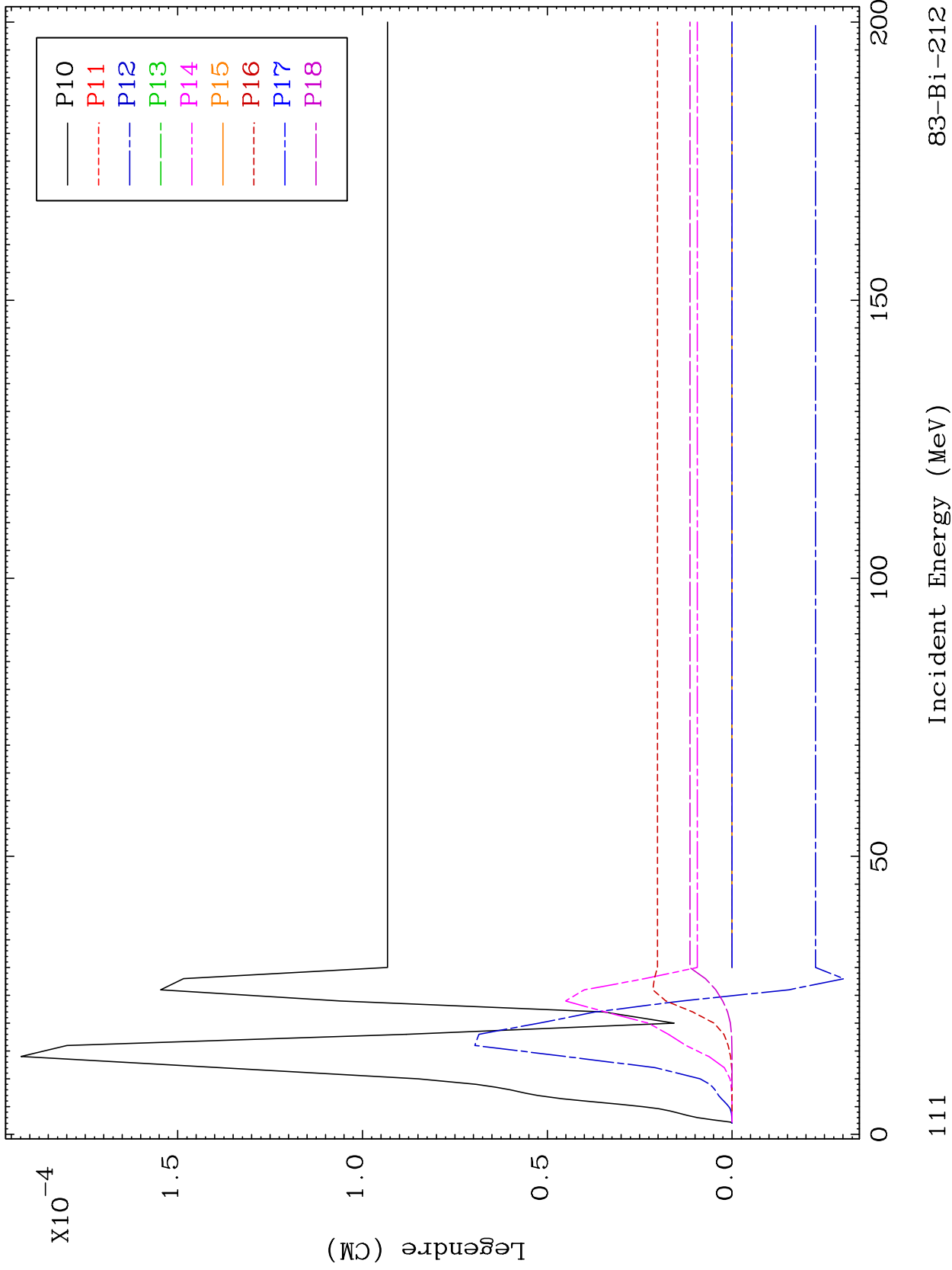


83-Bi-212

MAT 8334

MT= 78 (n,n') Level  
Legendre Coefficients

83-Bi-212

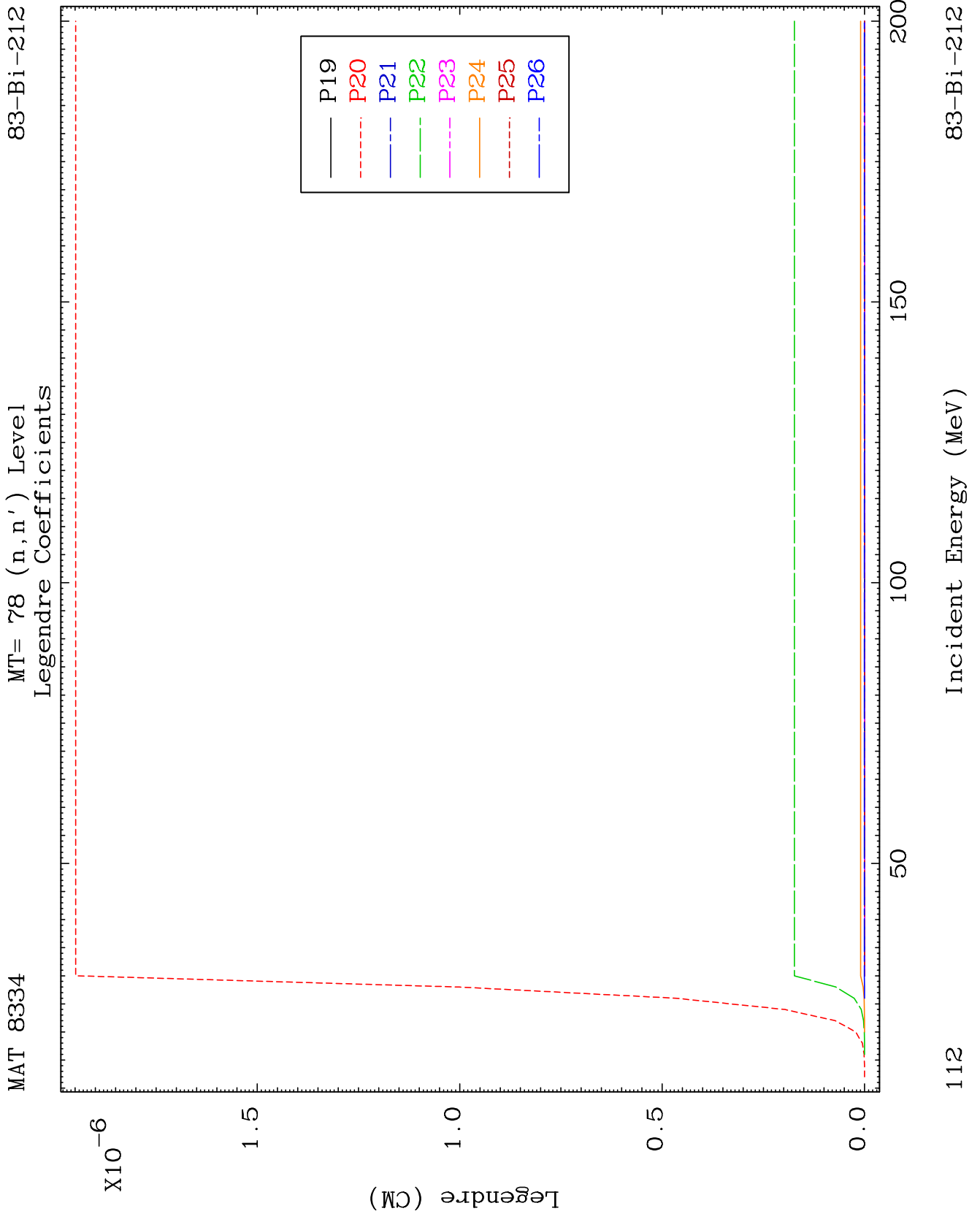


111

Incident Energy (MeV)

83-Bi-212





83-Bi-212

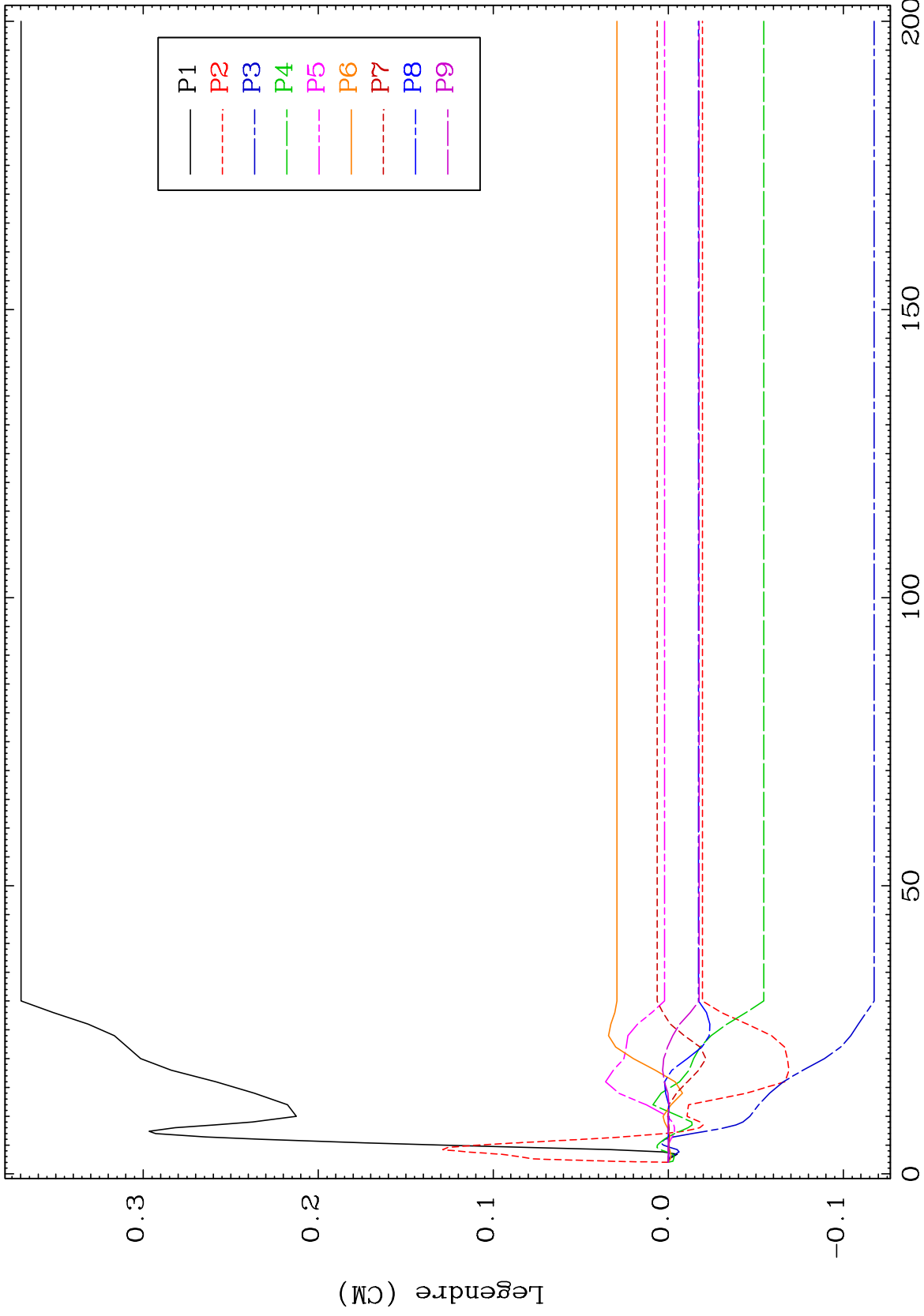
Incident Energy (MeV)

112

MAT 8334

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-212



113

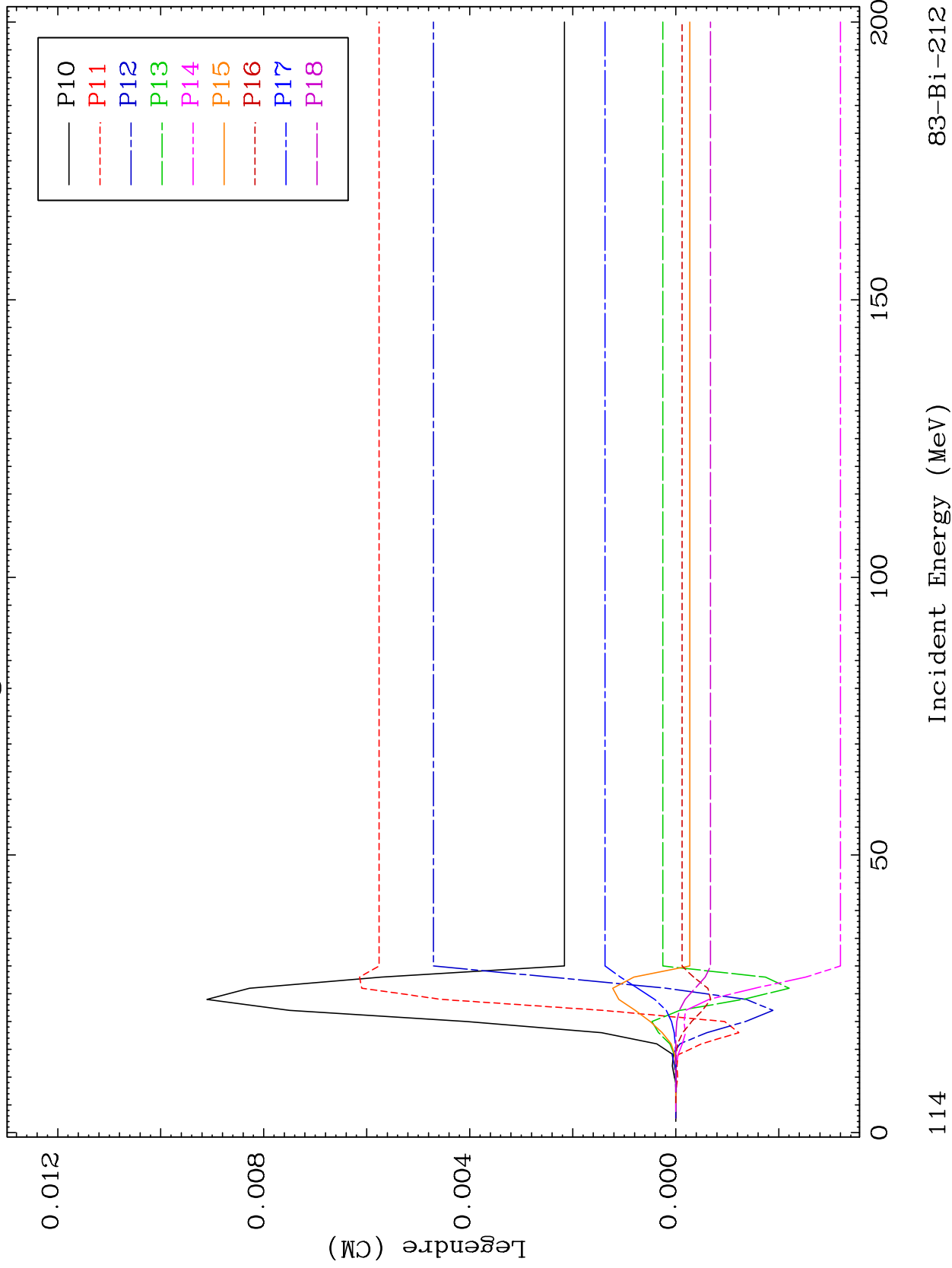
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-212



114

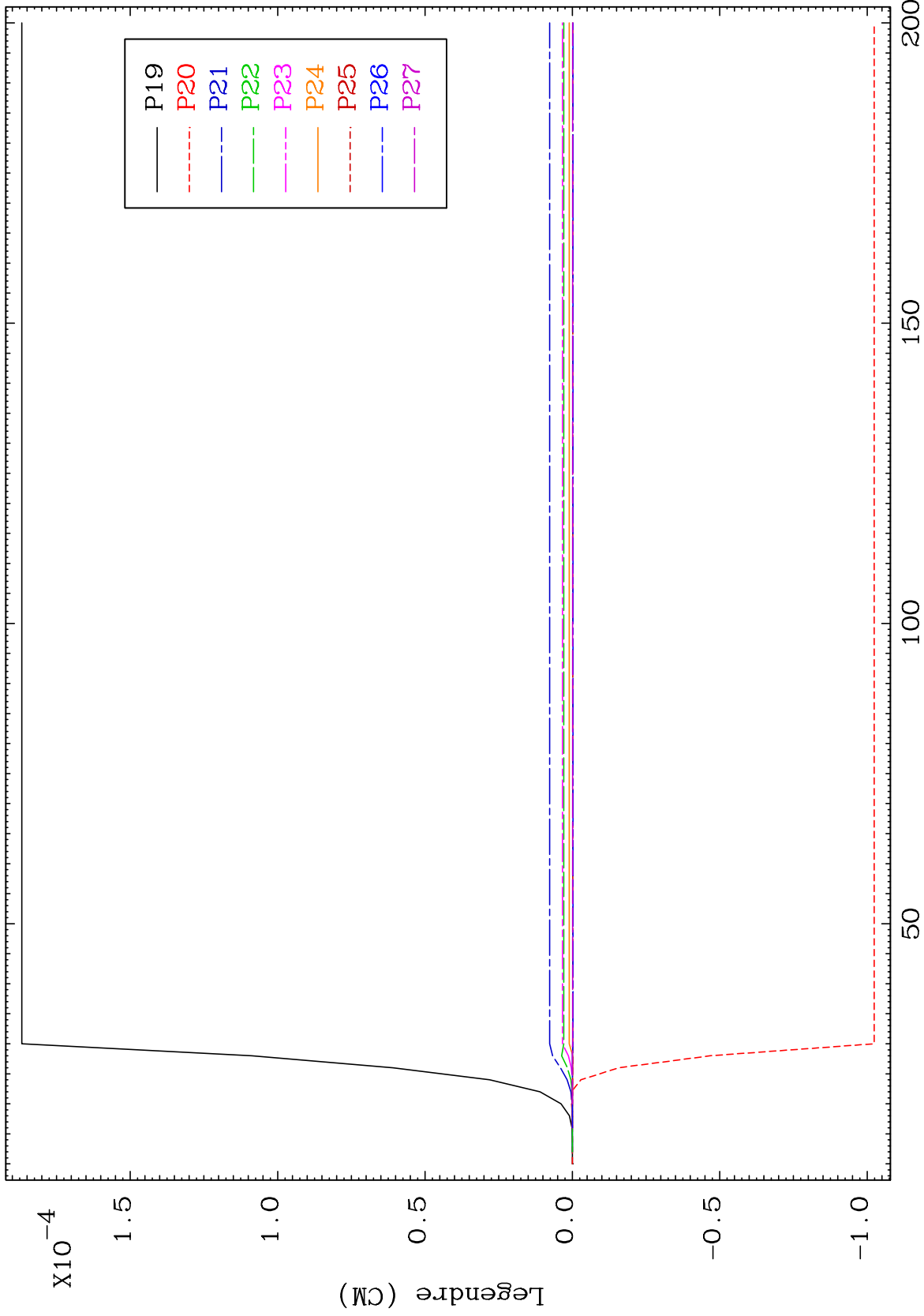
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-212



115

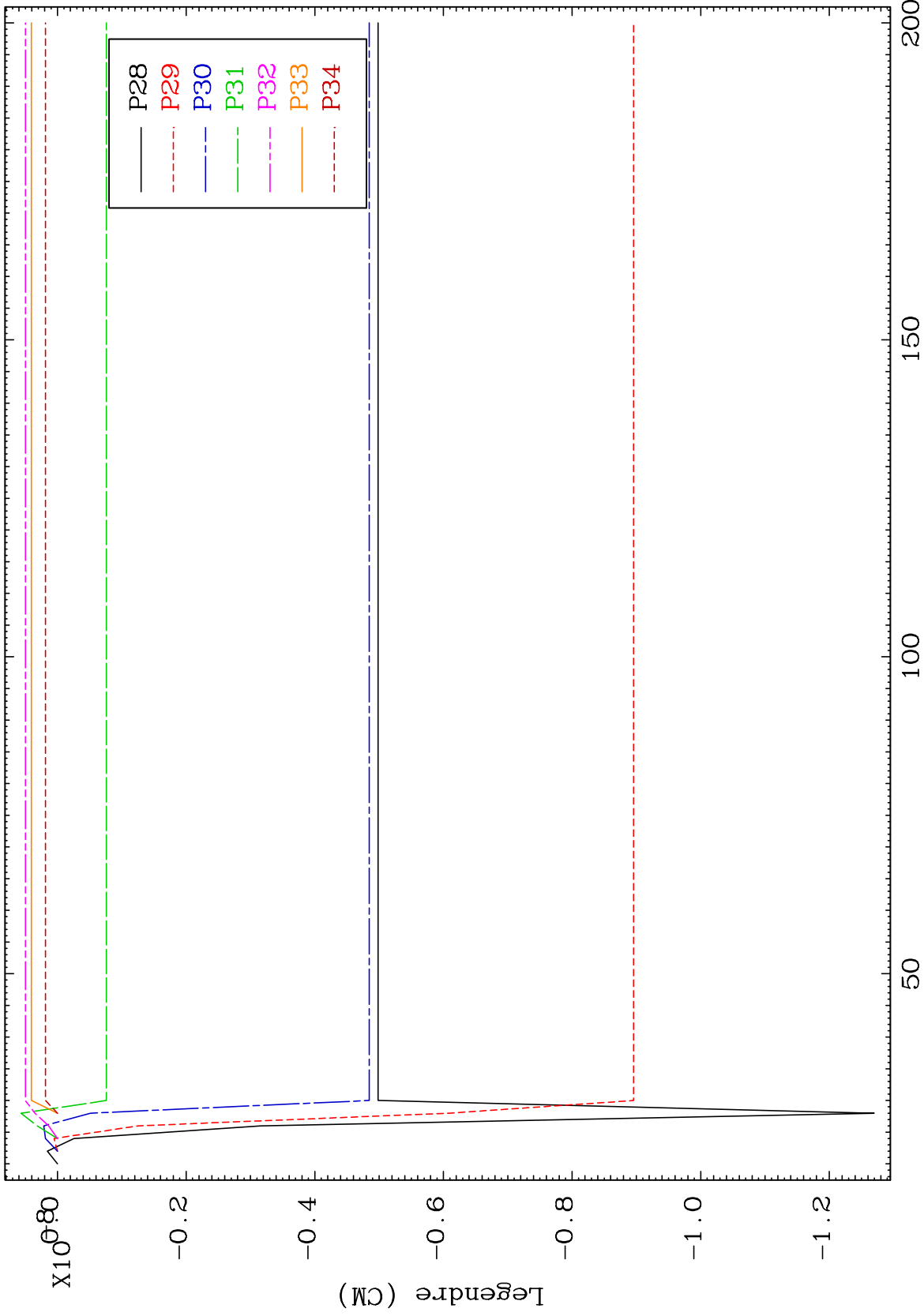
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 79 (n,n') Level  
Legendre Coefficients

83-Bi-212



116

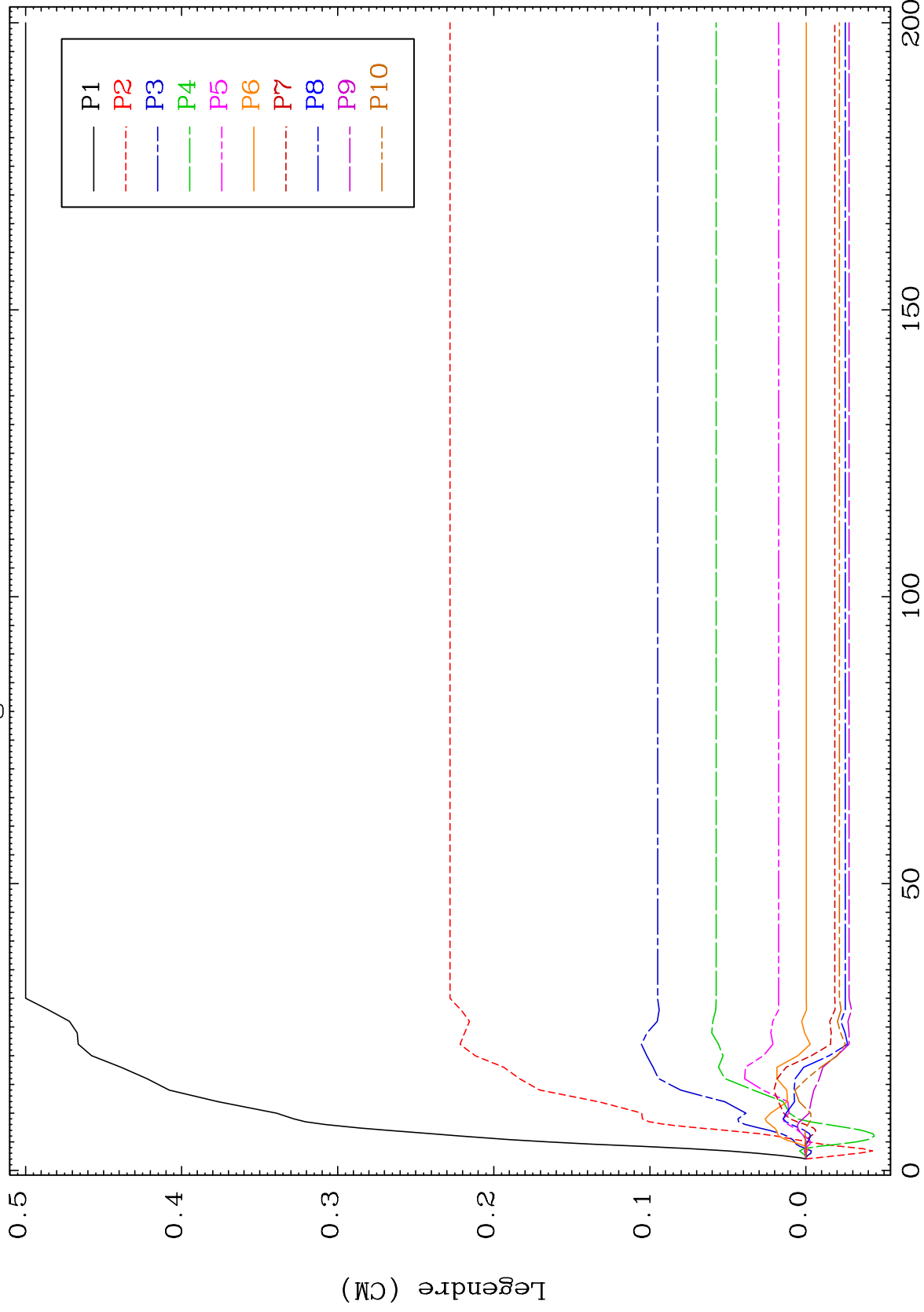
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-212



117

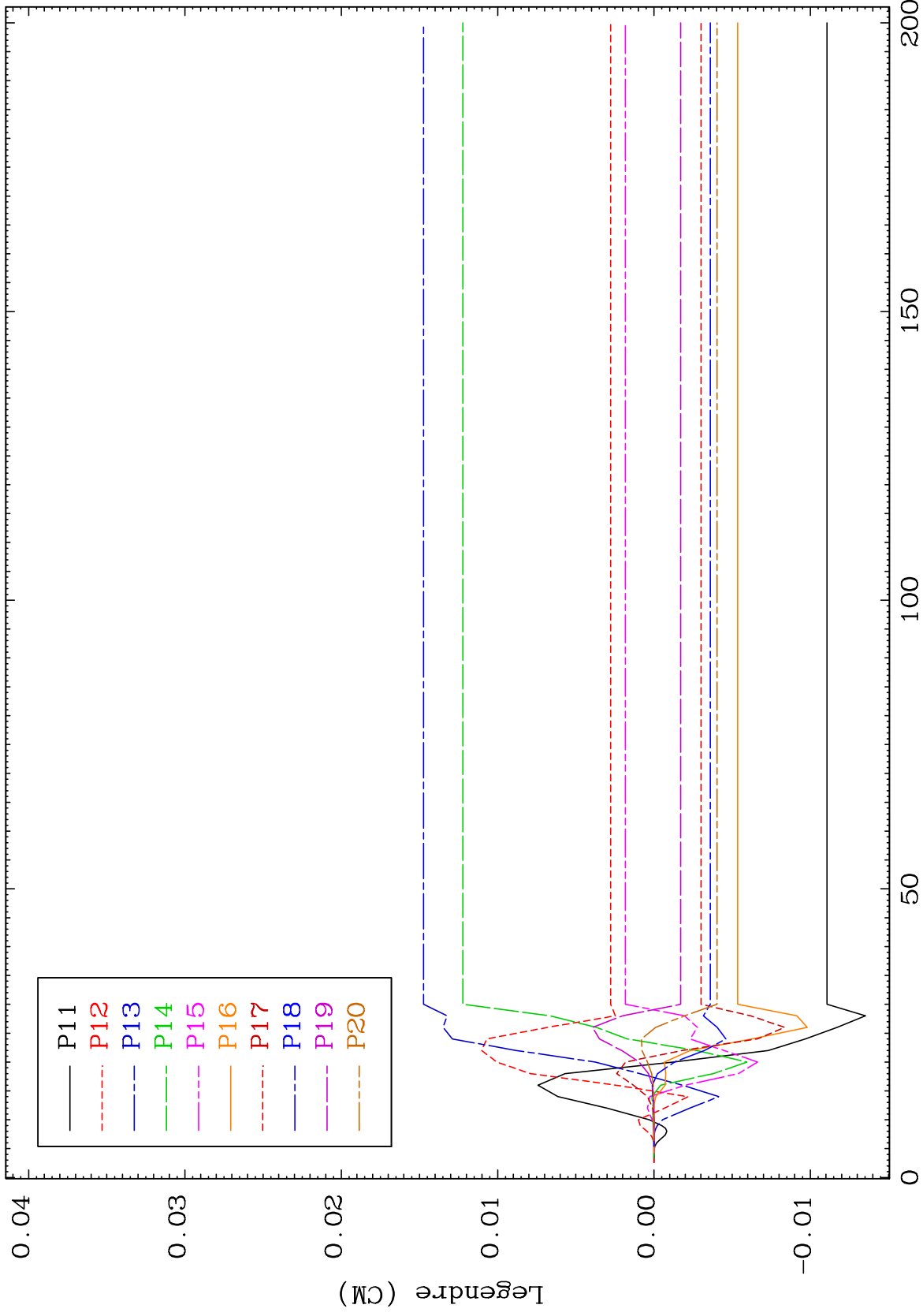
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-212



118

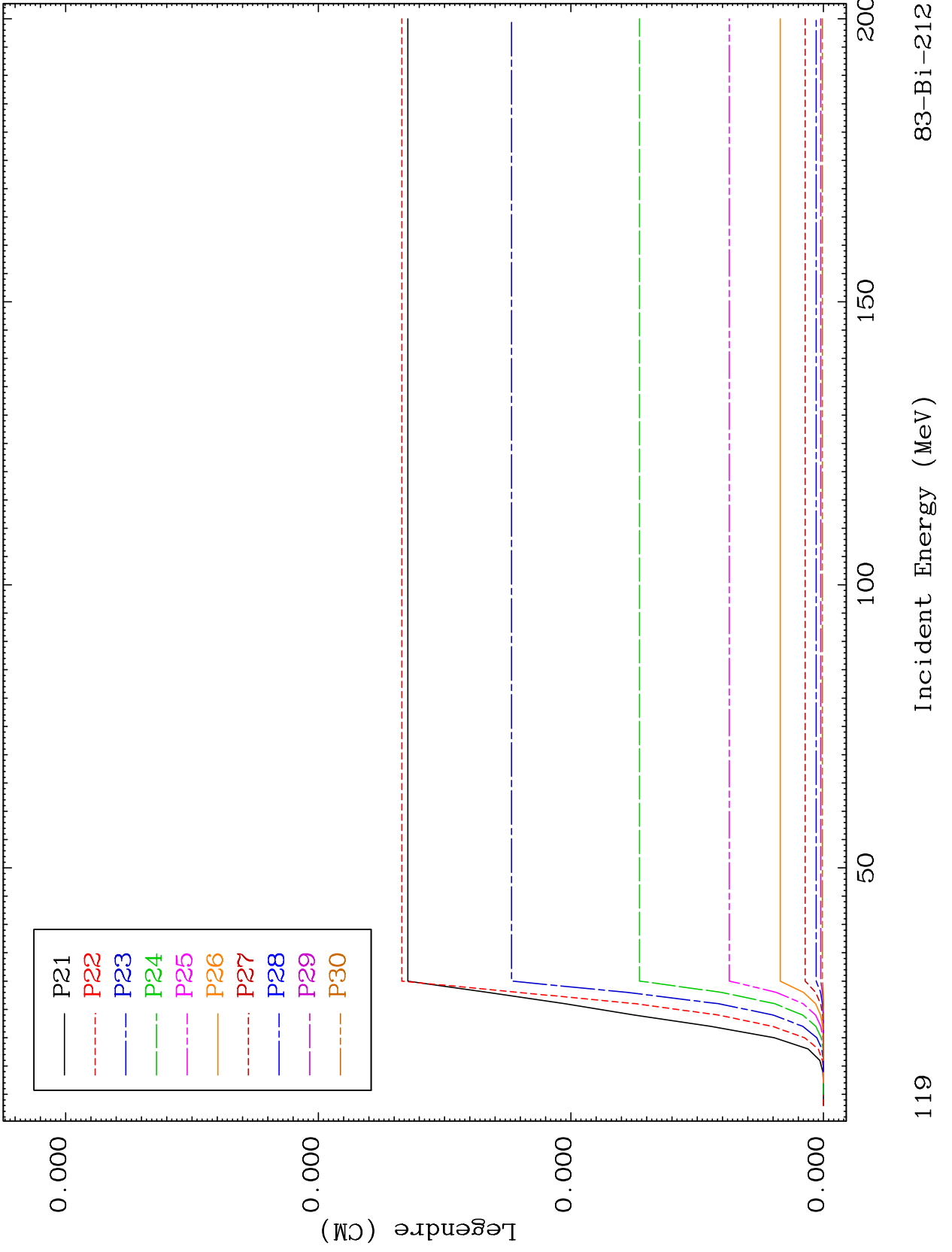
Incident Energy (MeV)

83-Bi-212

MAT 8334

MT= 80 (n,n') Level  
Legendre Coefficients

83-Bi-212



119

Incident Energy (MeV)

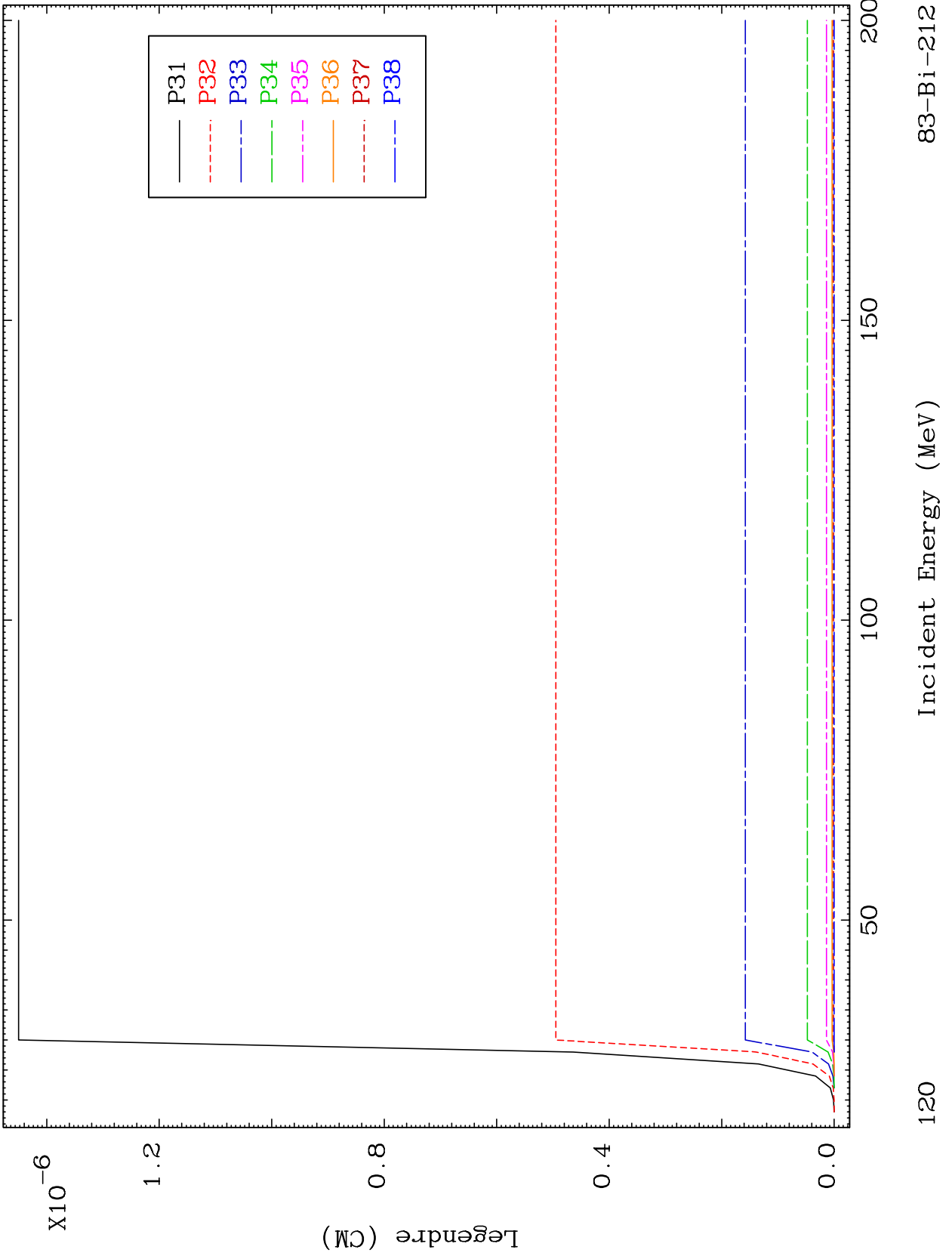
83-Bi-212



MAT 8334

MT= 80 (n,n') Level  
Legendre Coefficients

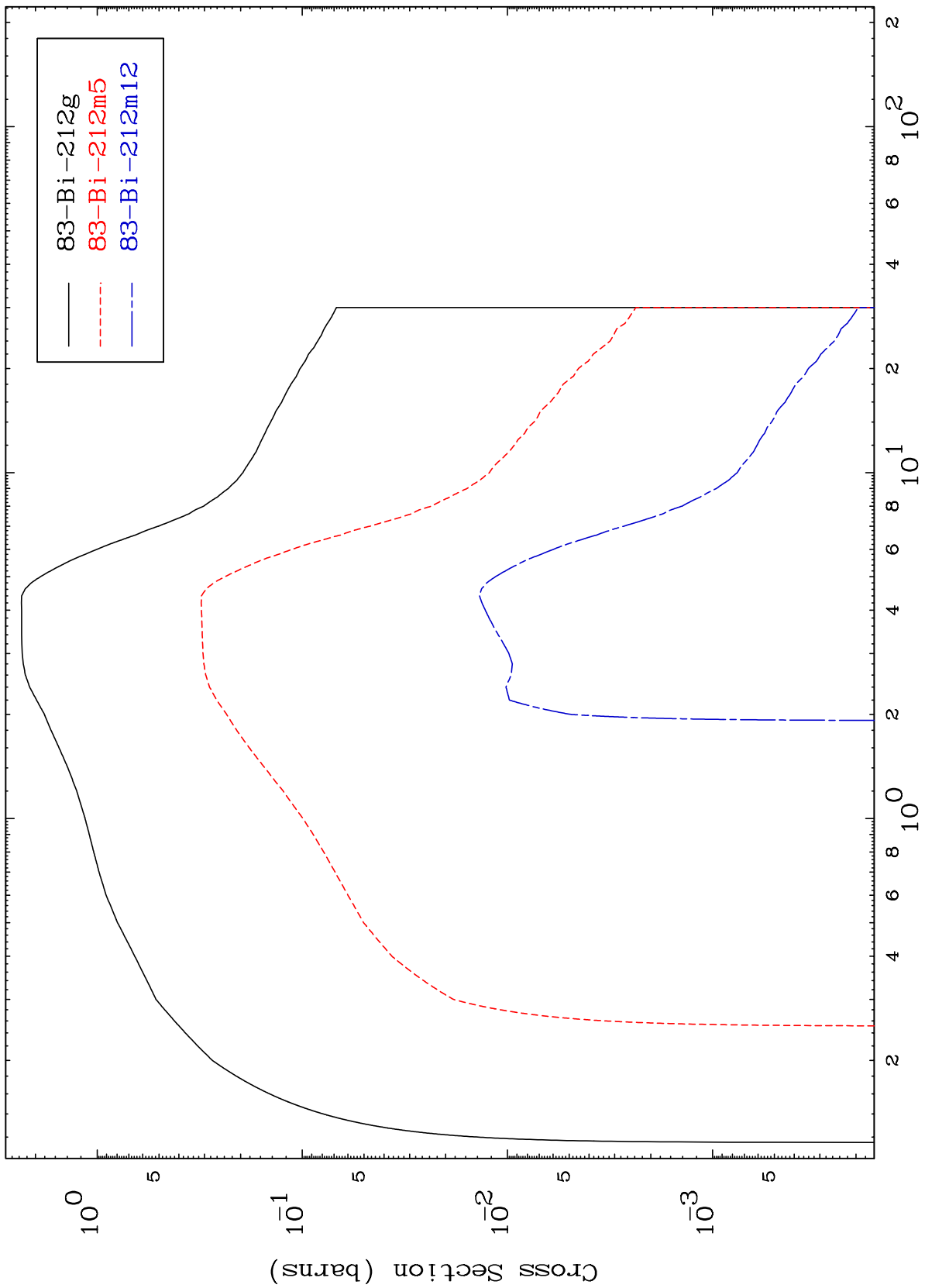
83-Bi-212



MAT 8334

83-Bi-212

Inelastic  
Radionuclide Production Cross Section



121

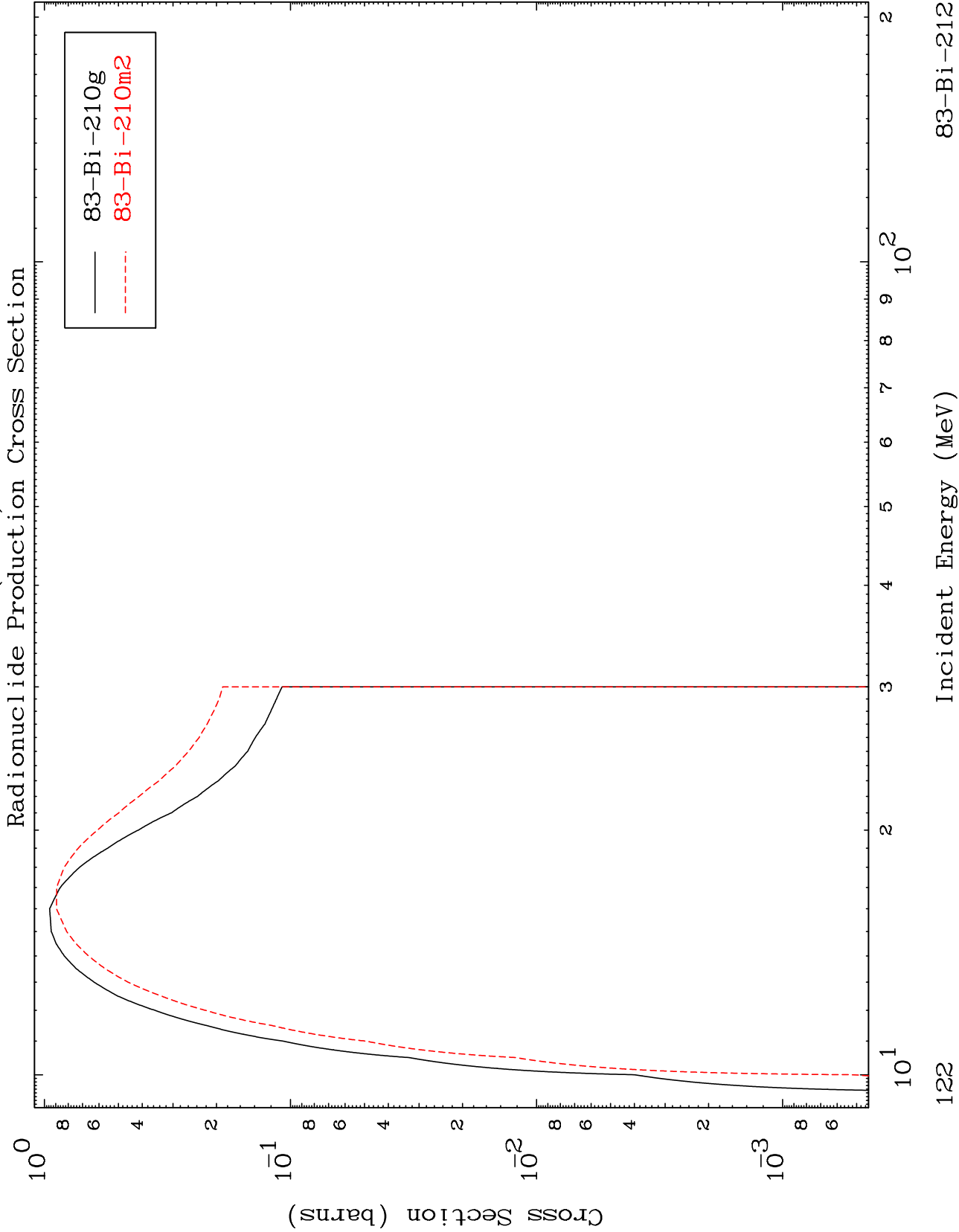
83-Bi-212

Incident Energy (MeV)

MAT 8334

(n,3n)

83-Bi-212



83-Bi-212

Incident Energy (MeV)

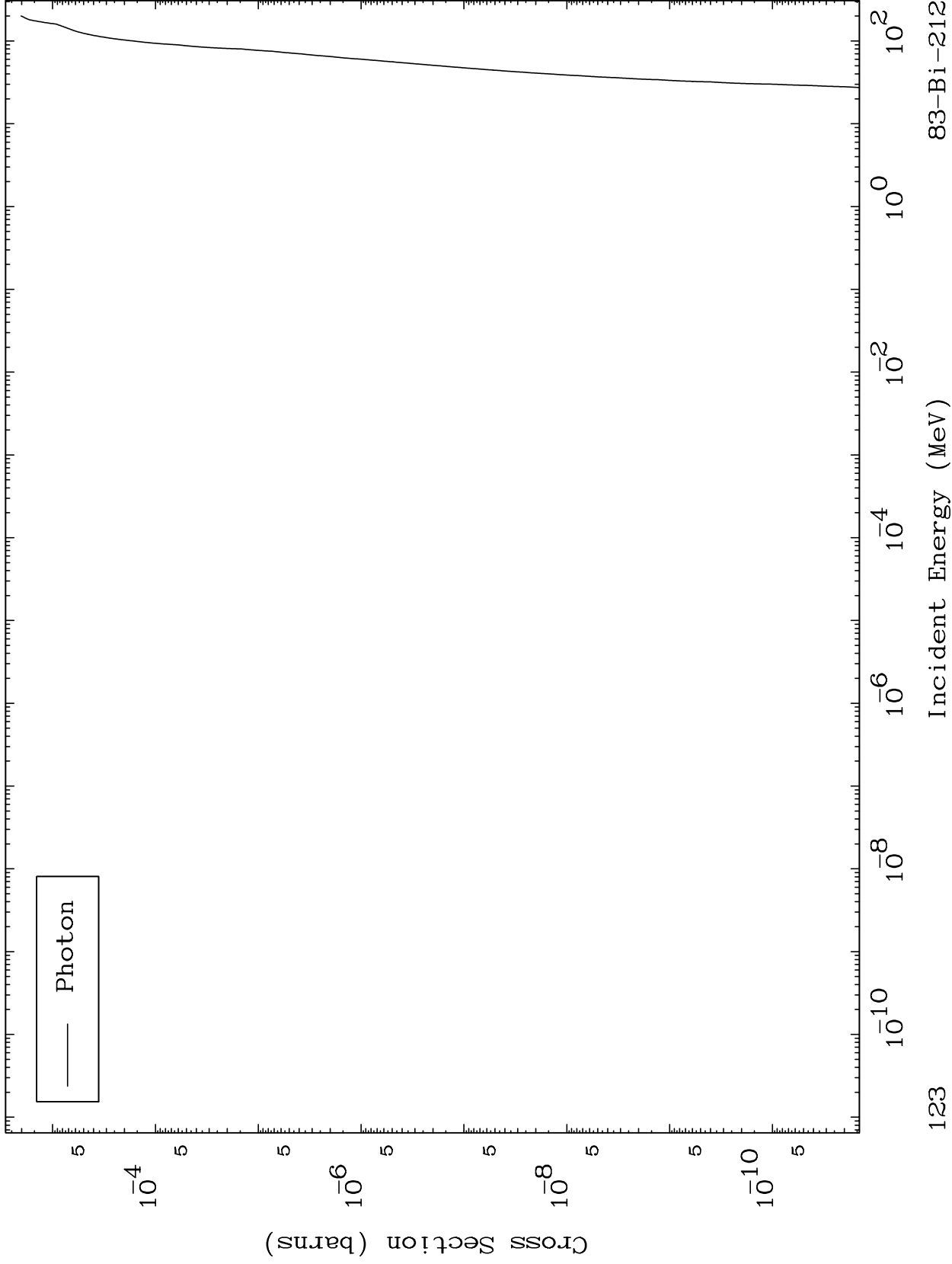
122

MAT 8334

Fission

83-Bi-212

Radionuclide Production Cross Section



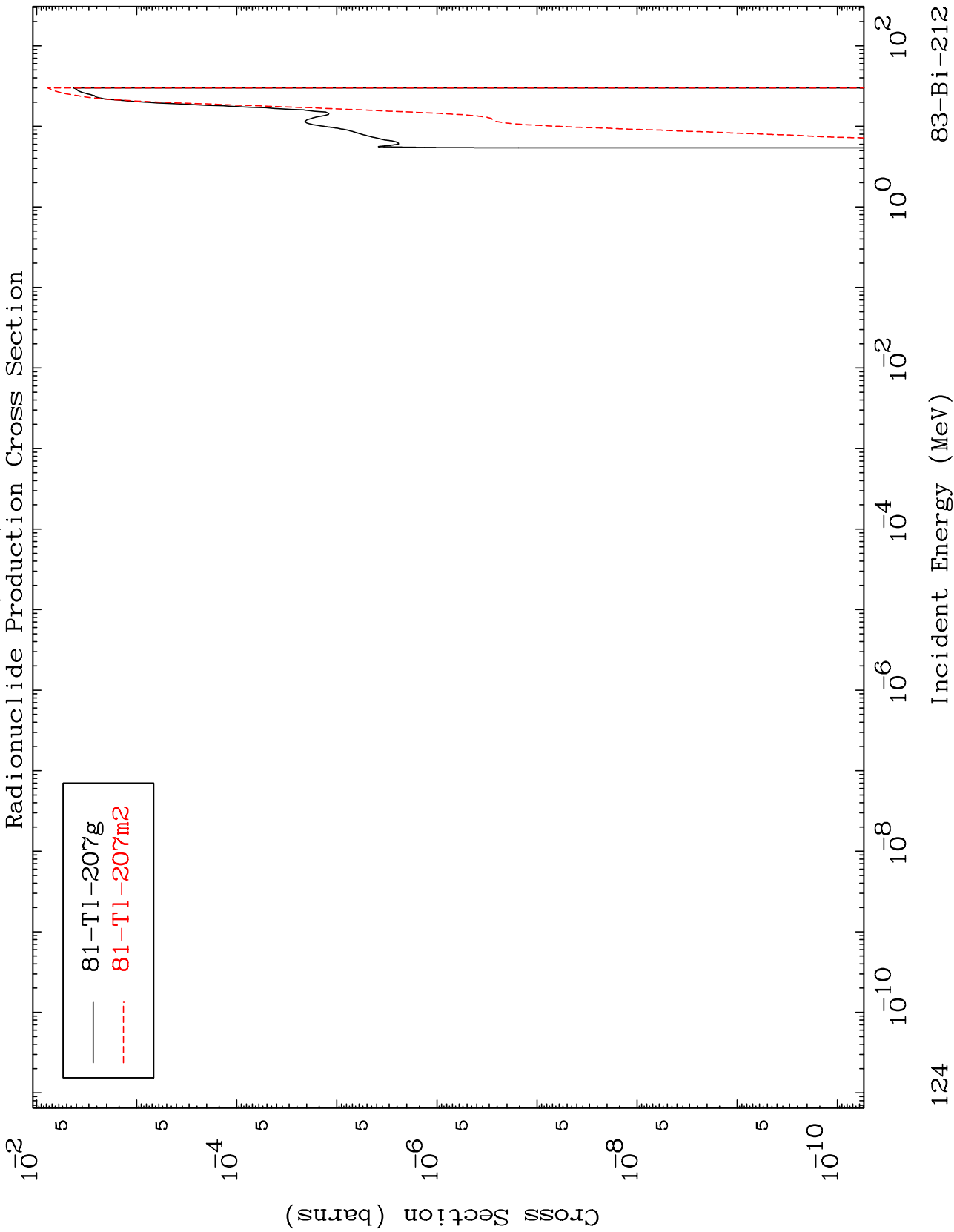
123

83-Bi-212

MAT 8334

$(n,2n) \alpha$

83-Bi-212

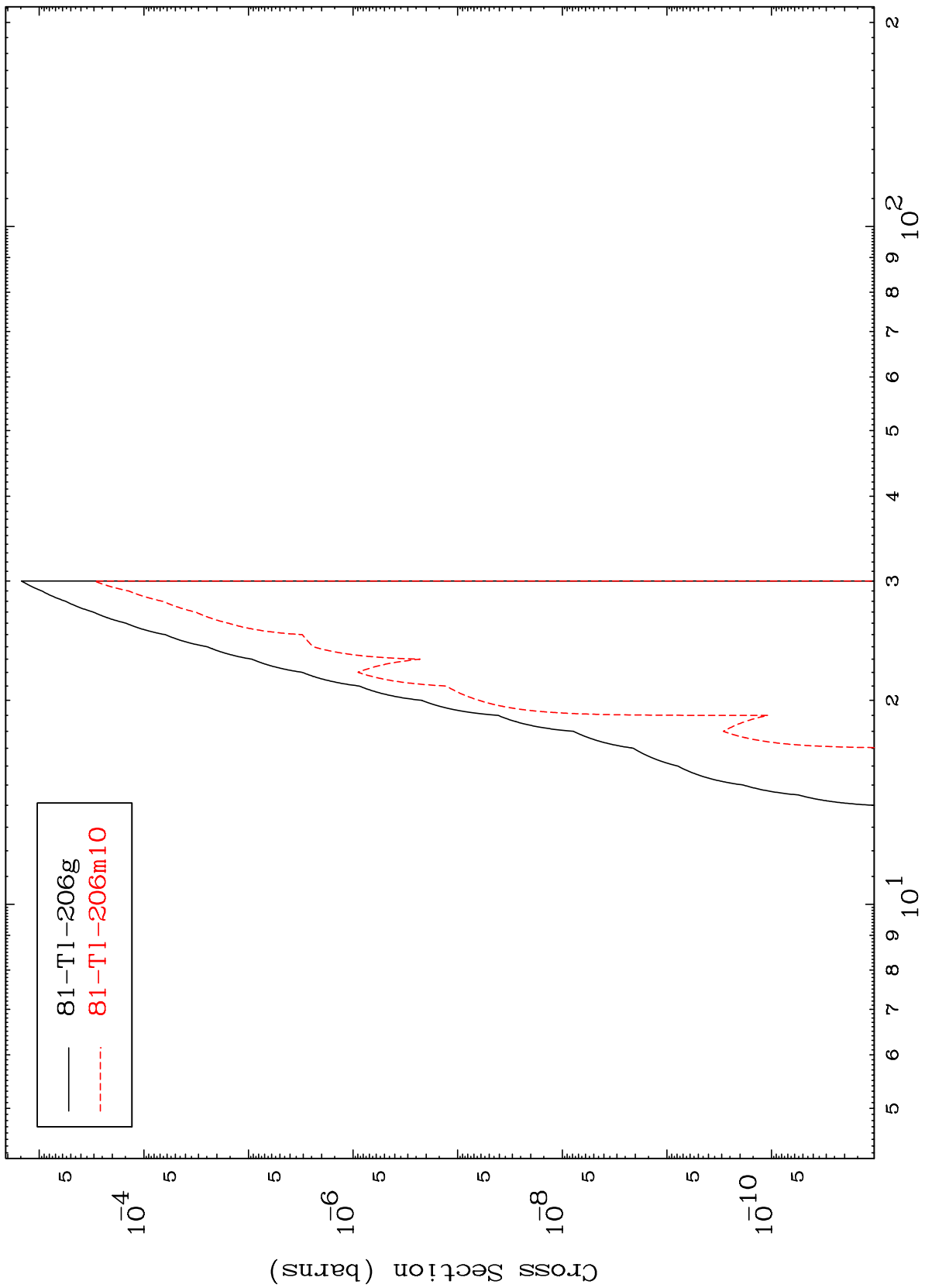


MAT 8334

$(n,3n) \alpha$

83-Bi-212

Radionuclide Production Cross Section



125

Incident Energy (MeV)

83-Bi-212