

Program EVALPLOT
(Version 2018-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

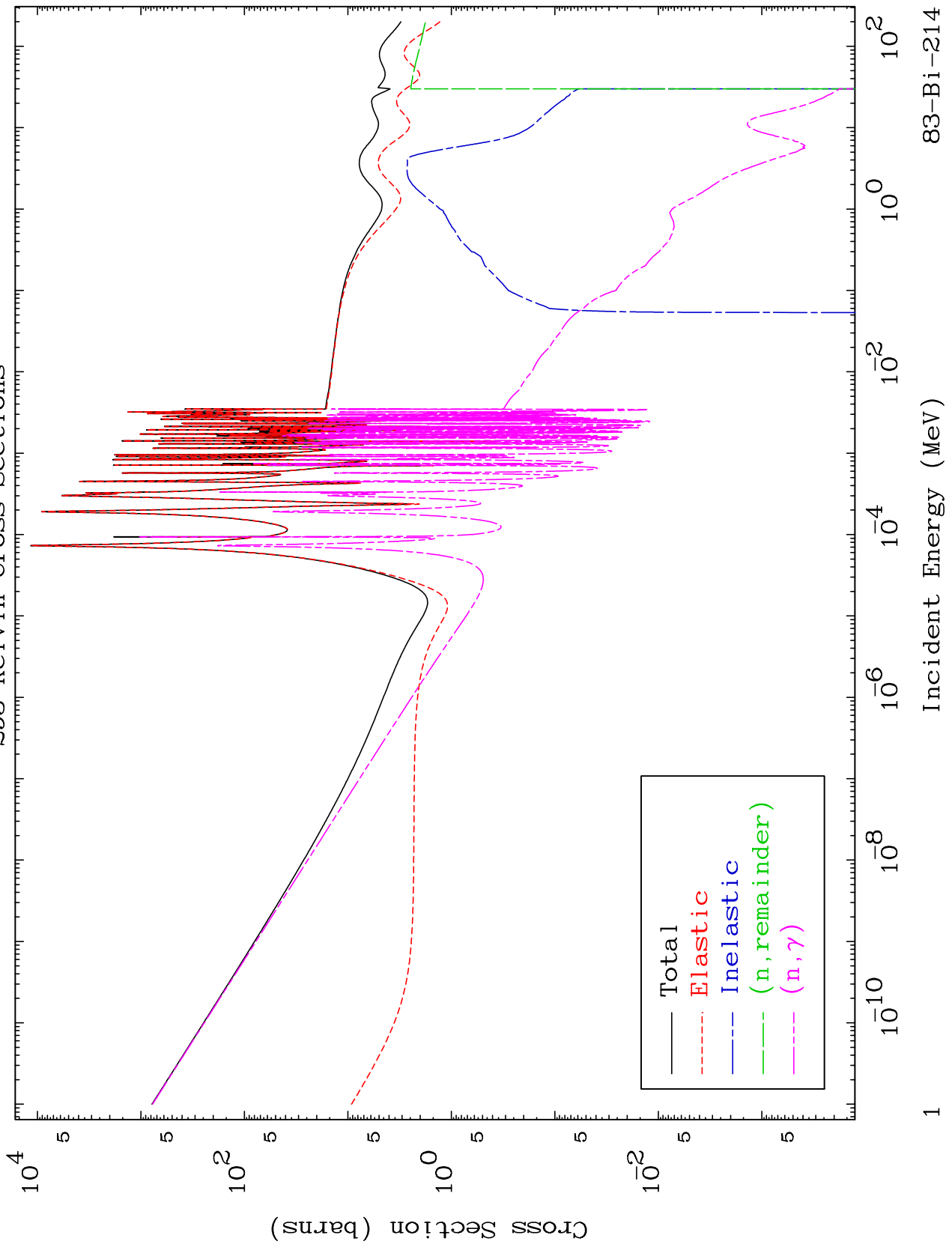
Press Mouse Button to Start

MAT 8340

Major

293 Kelvin Cross Sections

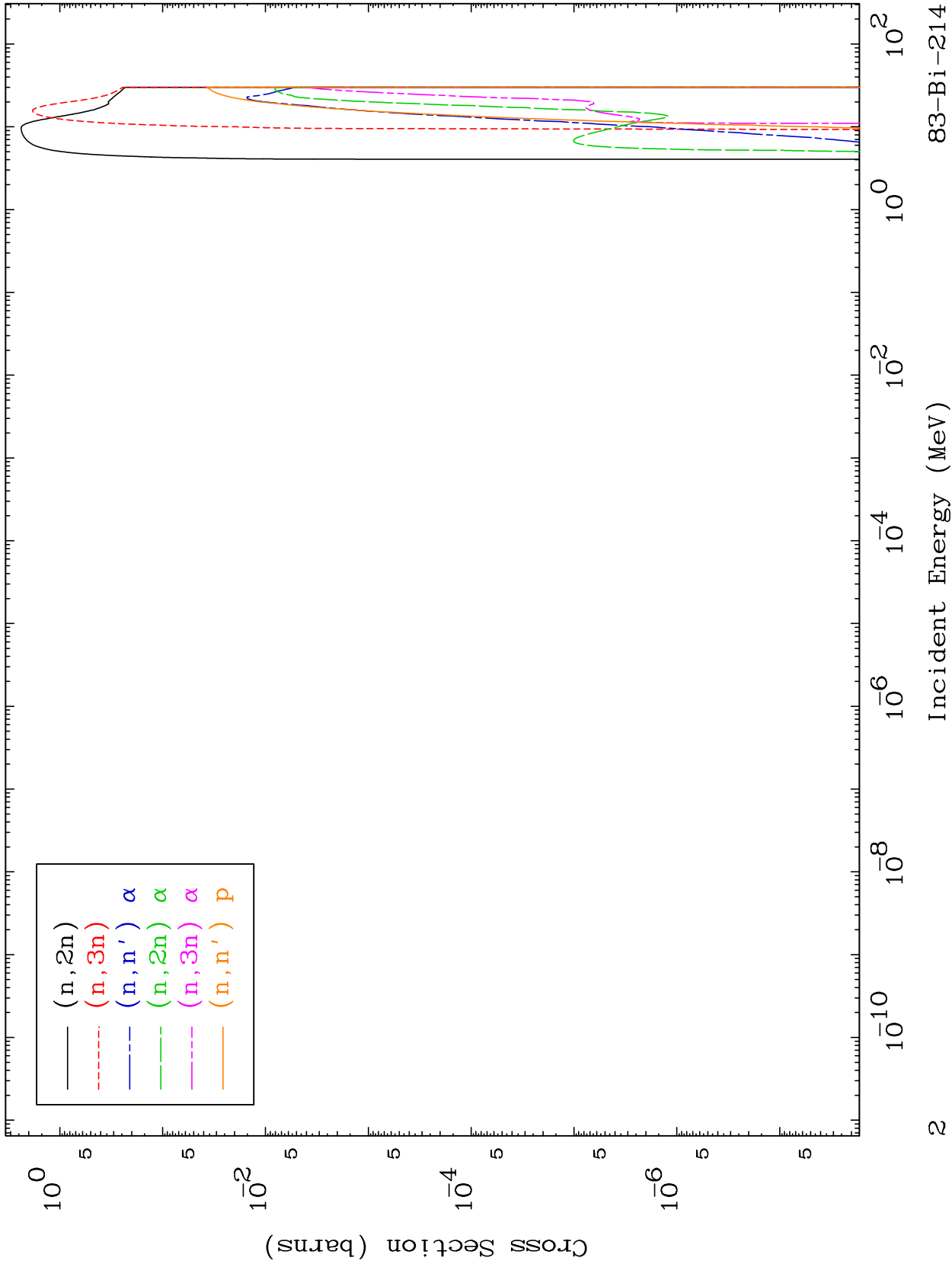
83-Bi-214

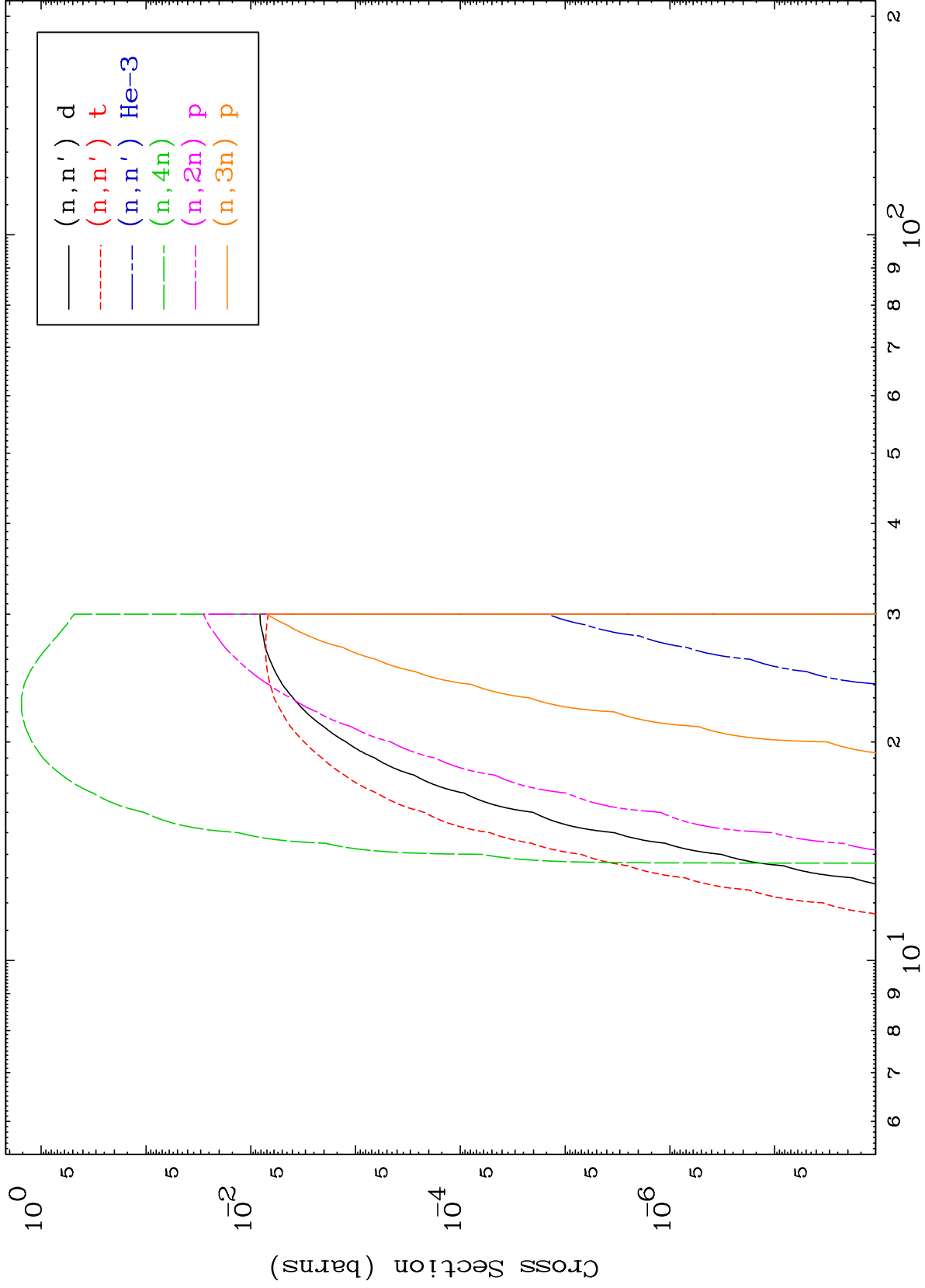


MAT 8340

Neutron Production
293 Kelvin Cross Sections

83-Bi-214

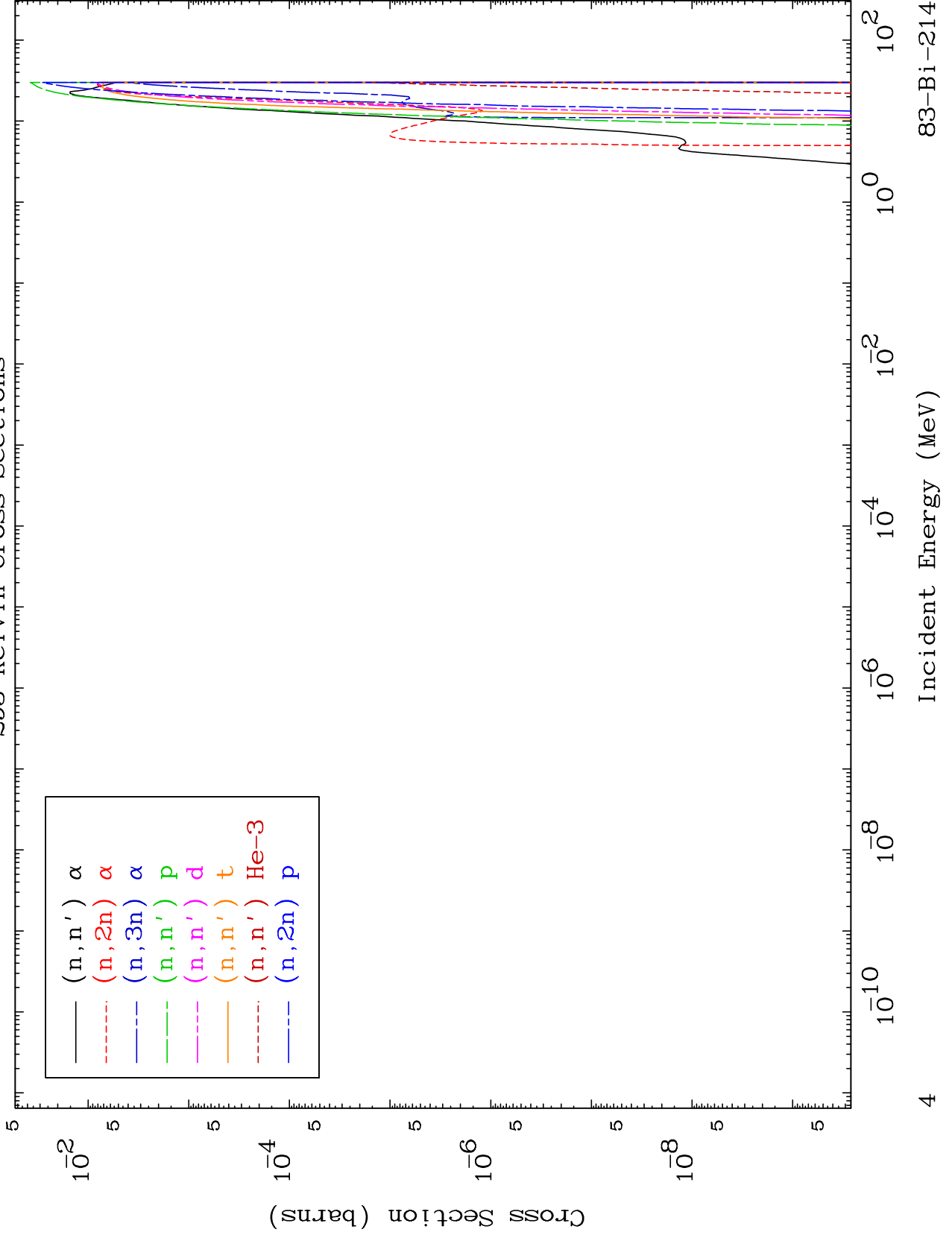




MAT 8340

Charged Particle
293 Kelvin Cross Sections

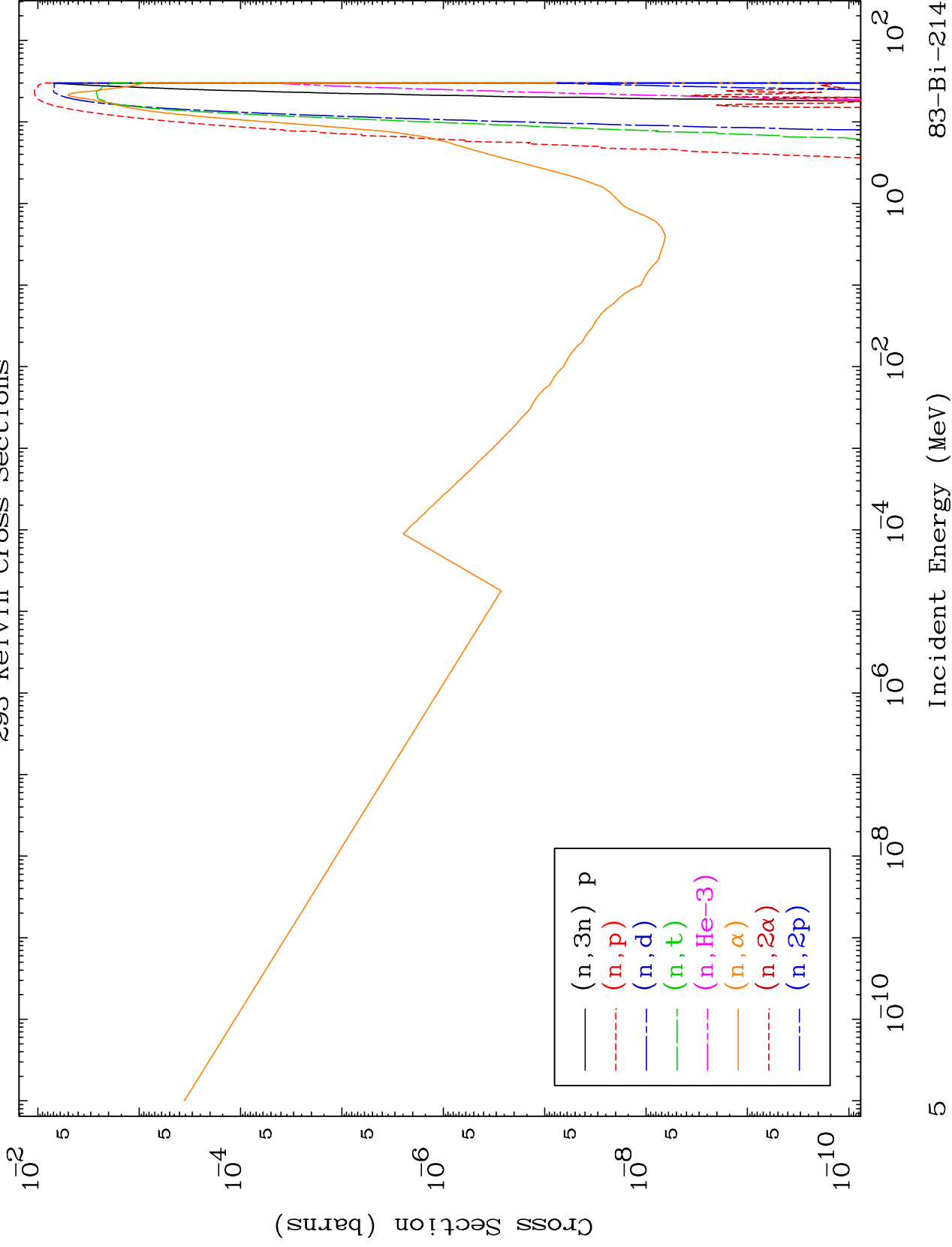
83-Bi-214



MAT 8340

Charged Particle
293 Kelvin Cross Sections

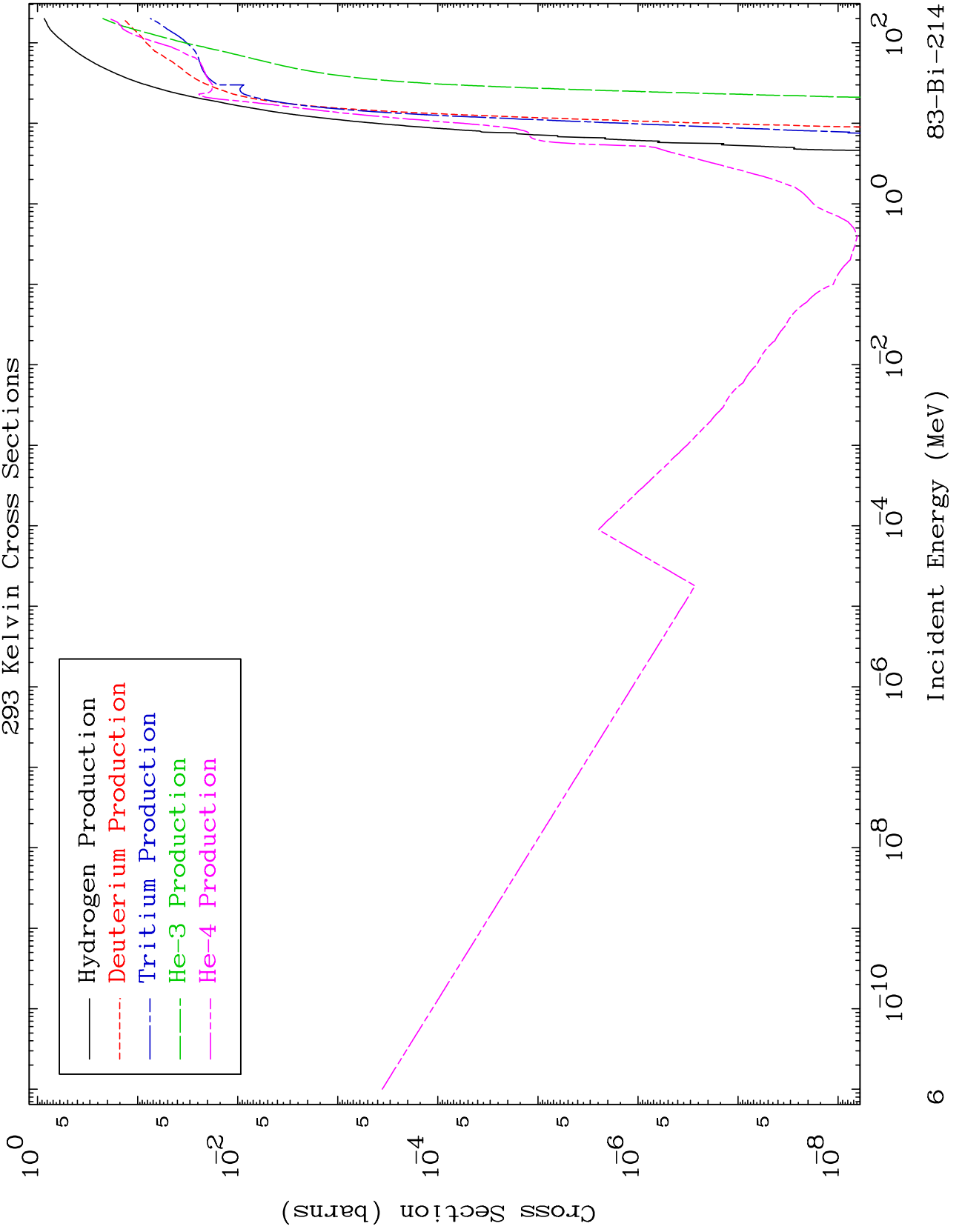
83-Bi-214



MAT 8340

Particle Production
293 Kelvin Cross Sections

83-Bi-214

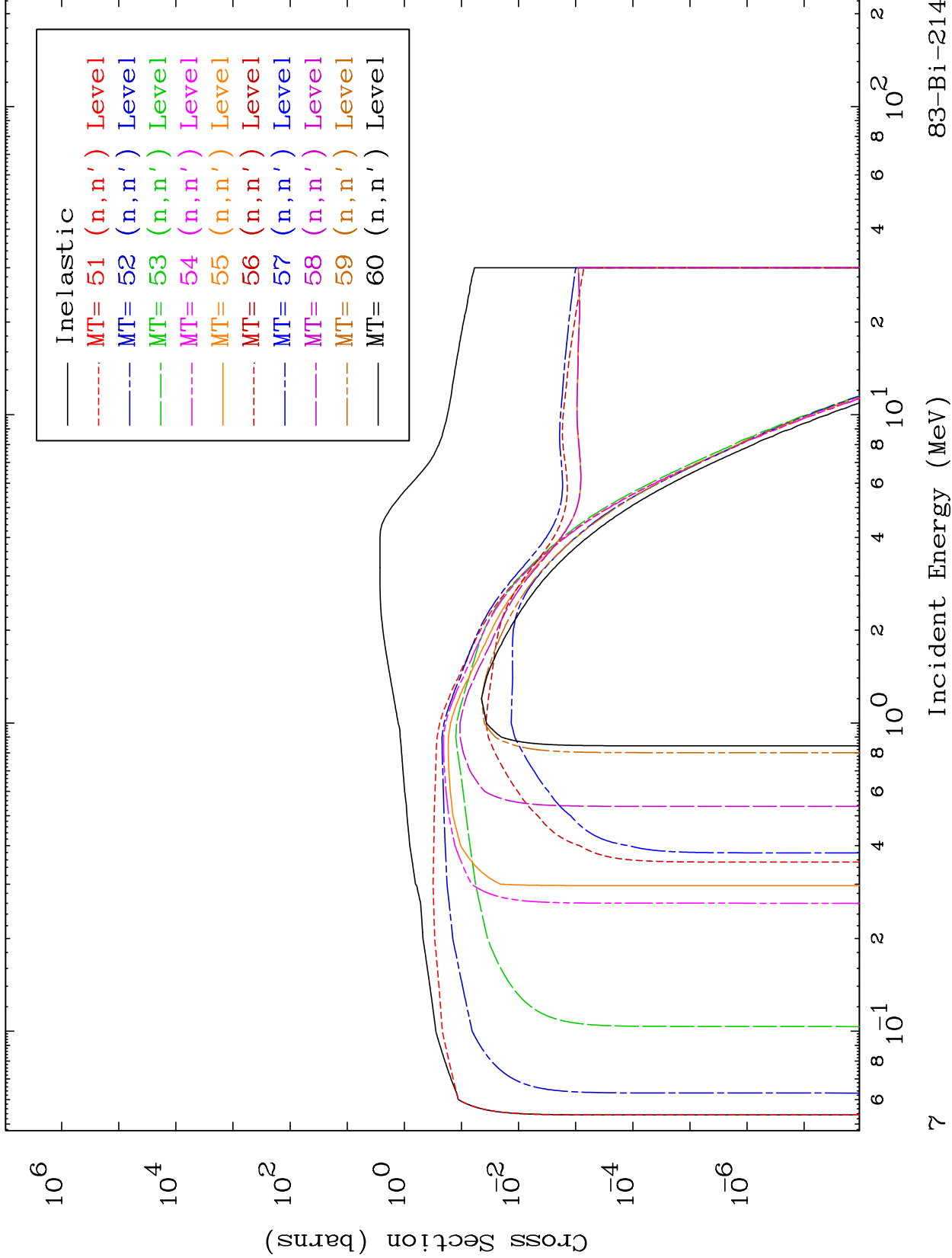


MAT 8340

(n,n') Level

83-Bi-214

293 Kelvin Cross Sections

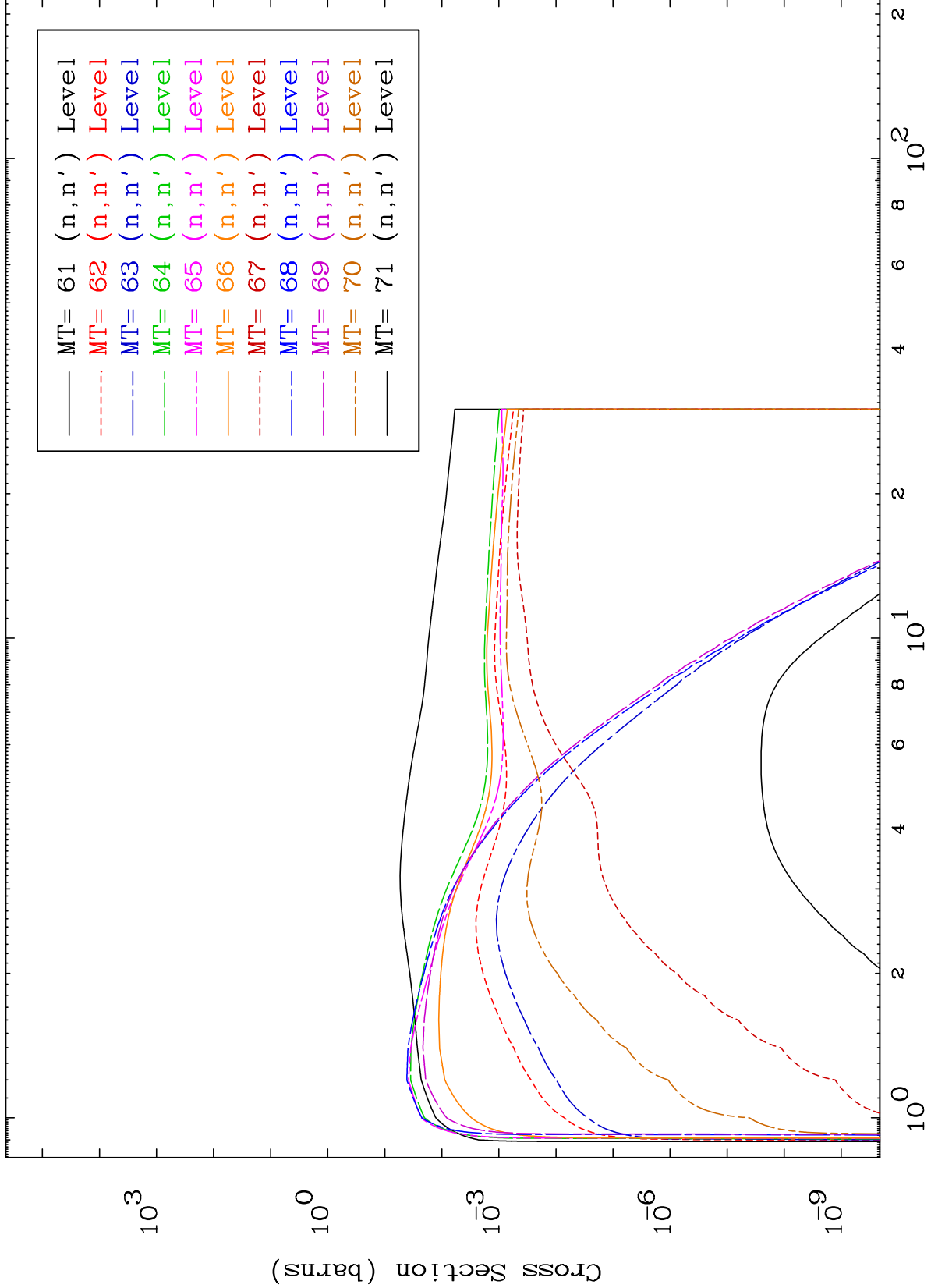


MAT 8340

(n,n') Level

83-Bi-214

293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-214

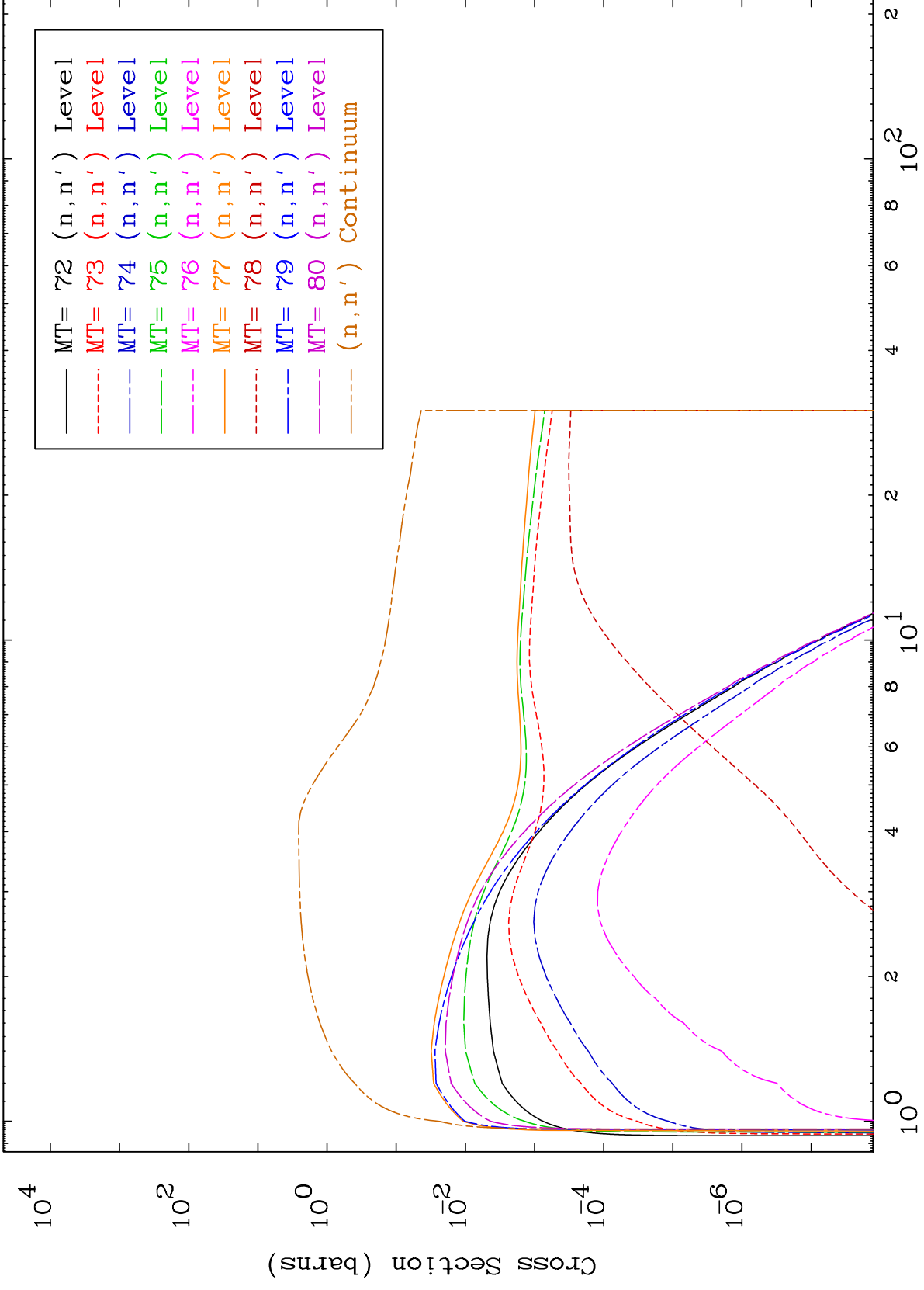
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MAT 8340

(n,n') Level

83-Bi-214

293 Kelvin Cross Sections



Incident Energy (MeV)

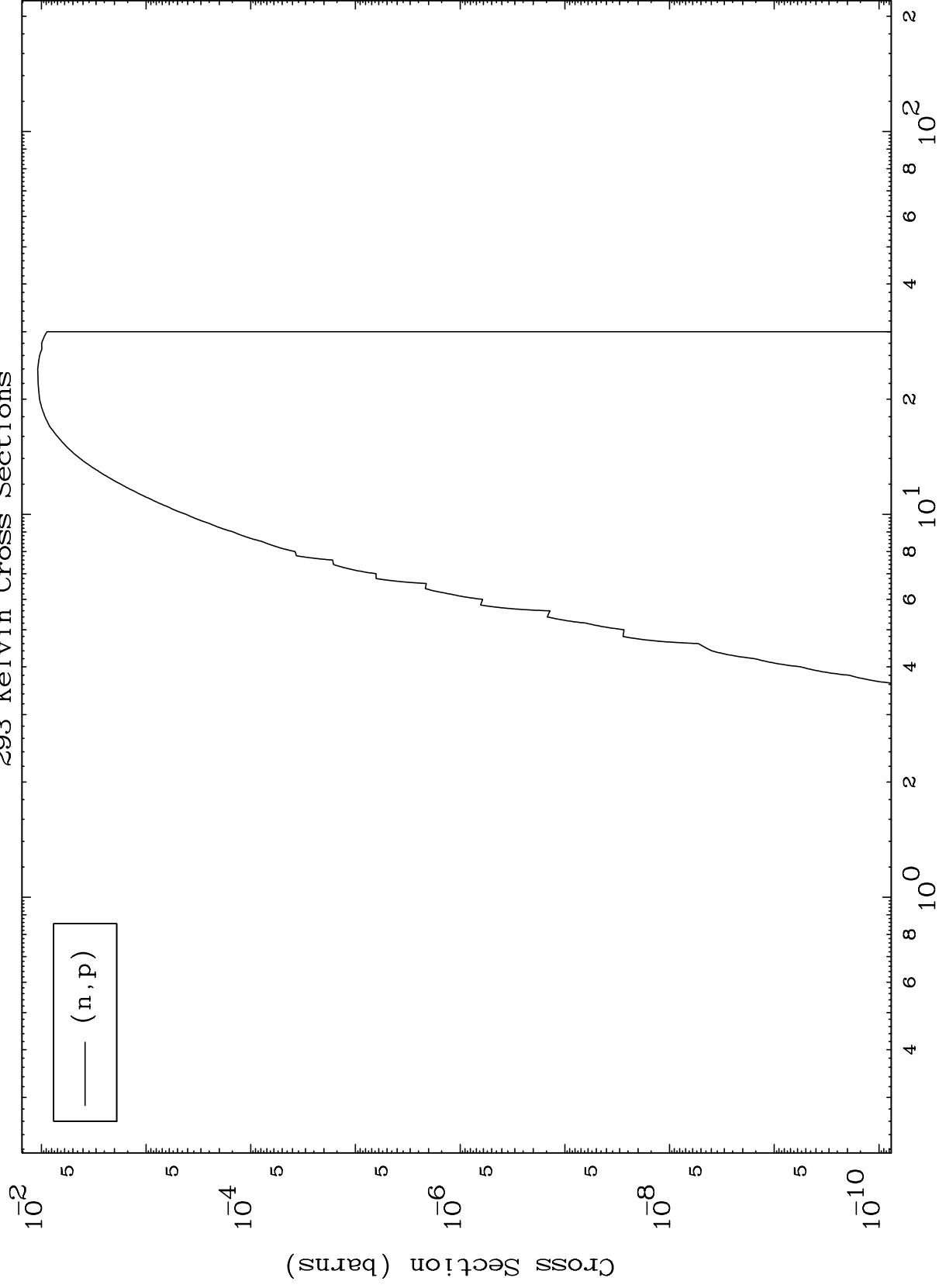
83-Bi-214

9

MAT 8340

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-214



10

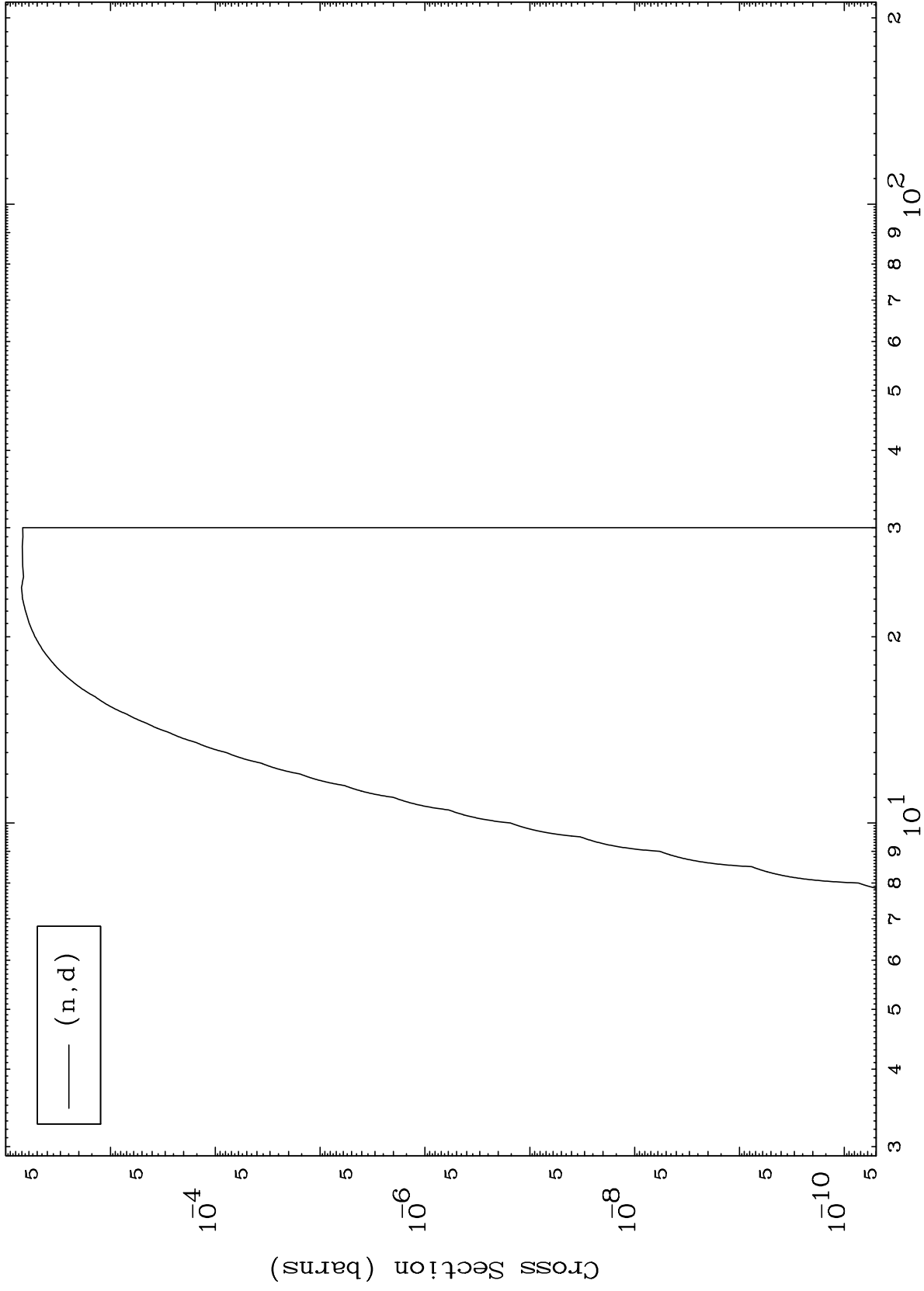
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-214



11

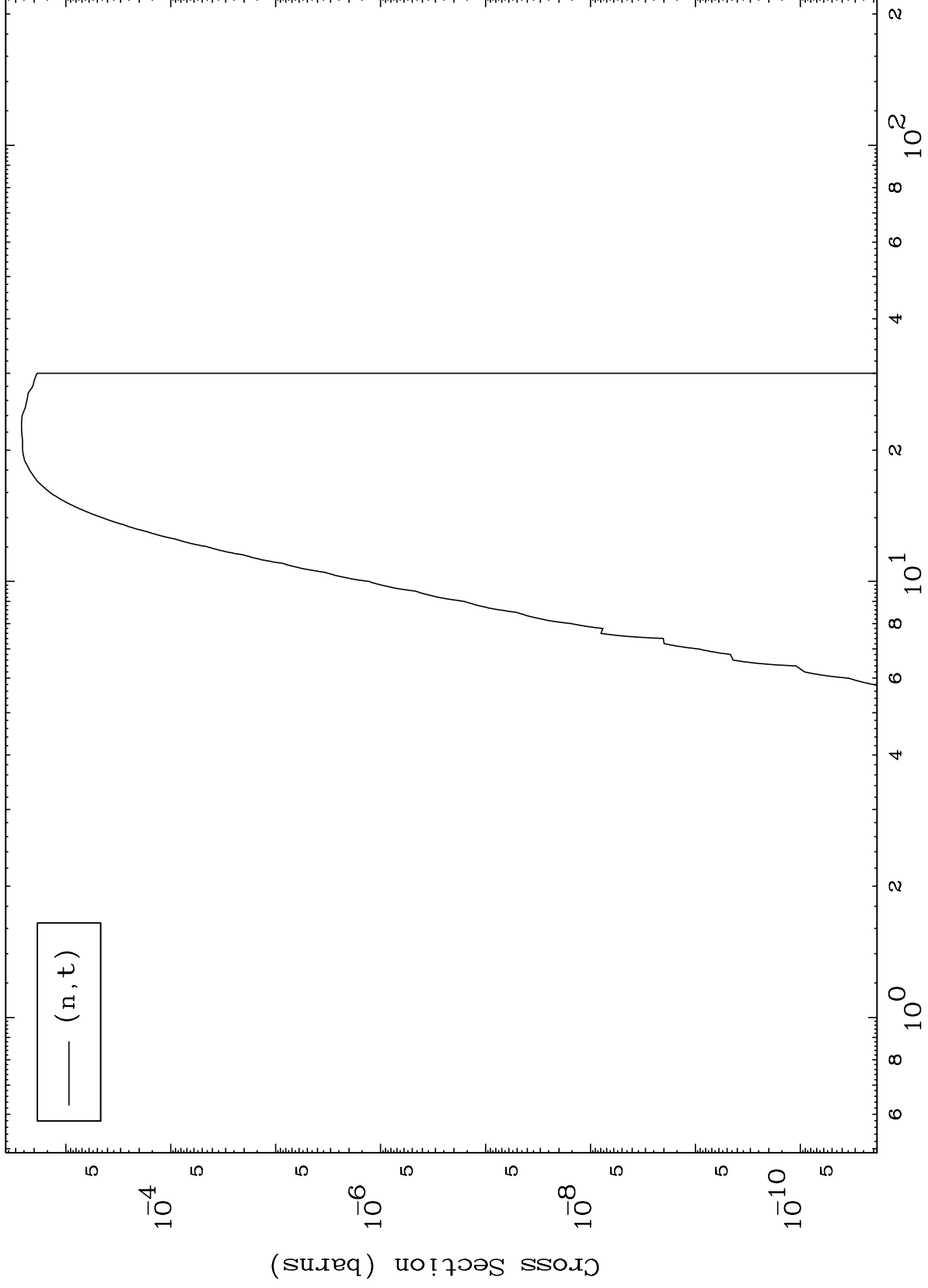
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-214



12

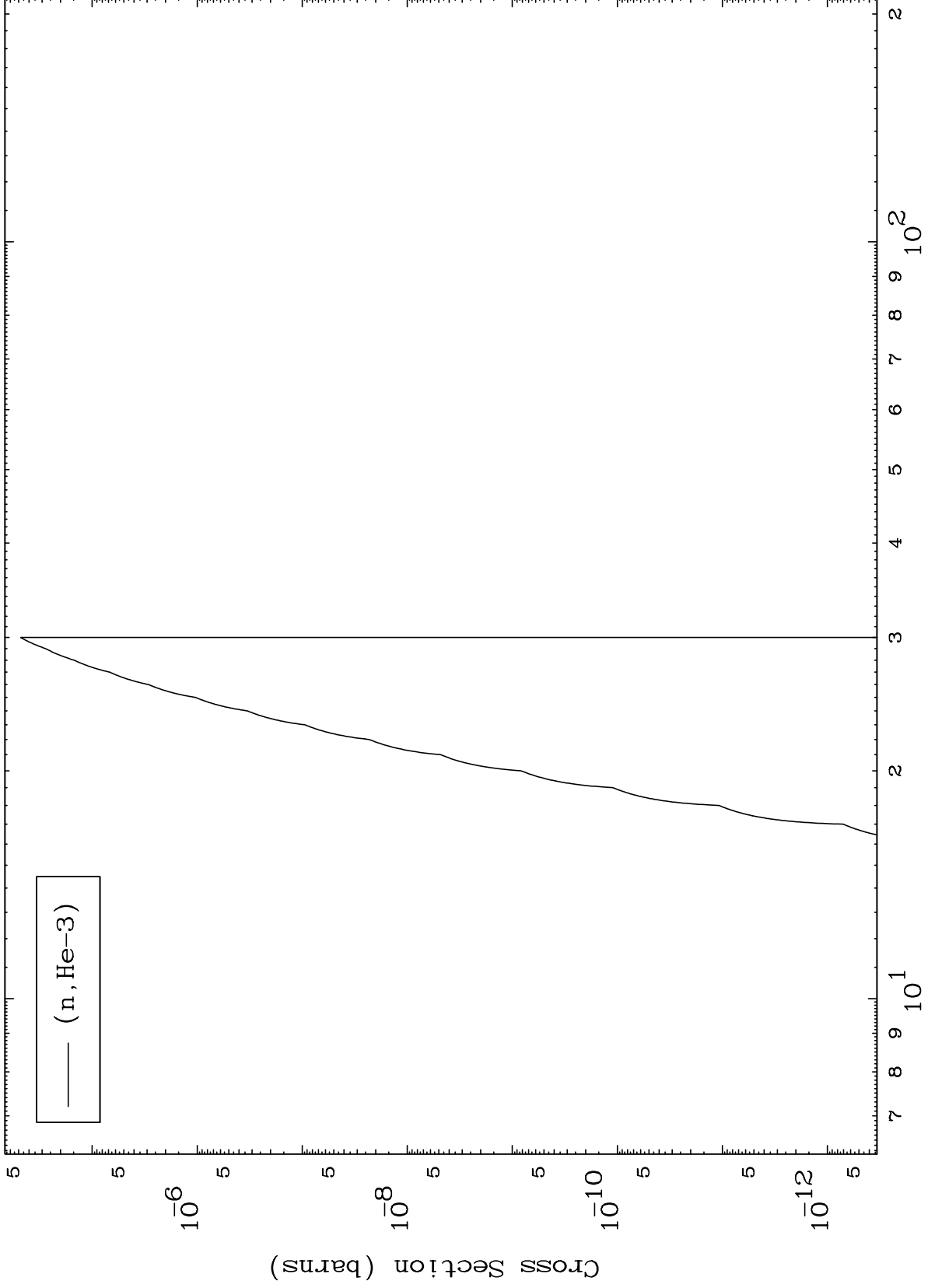
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-214



13

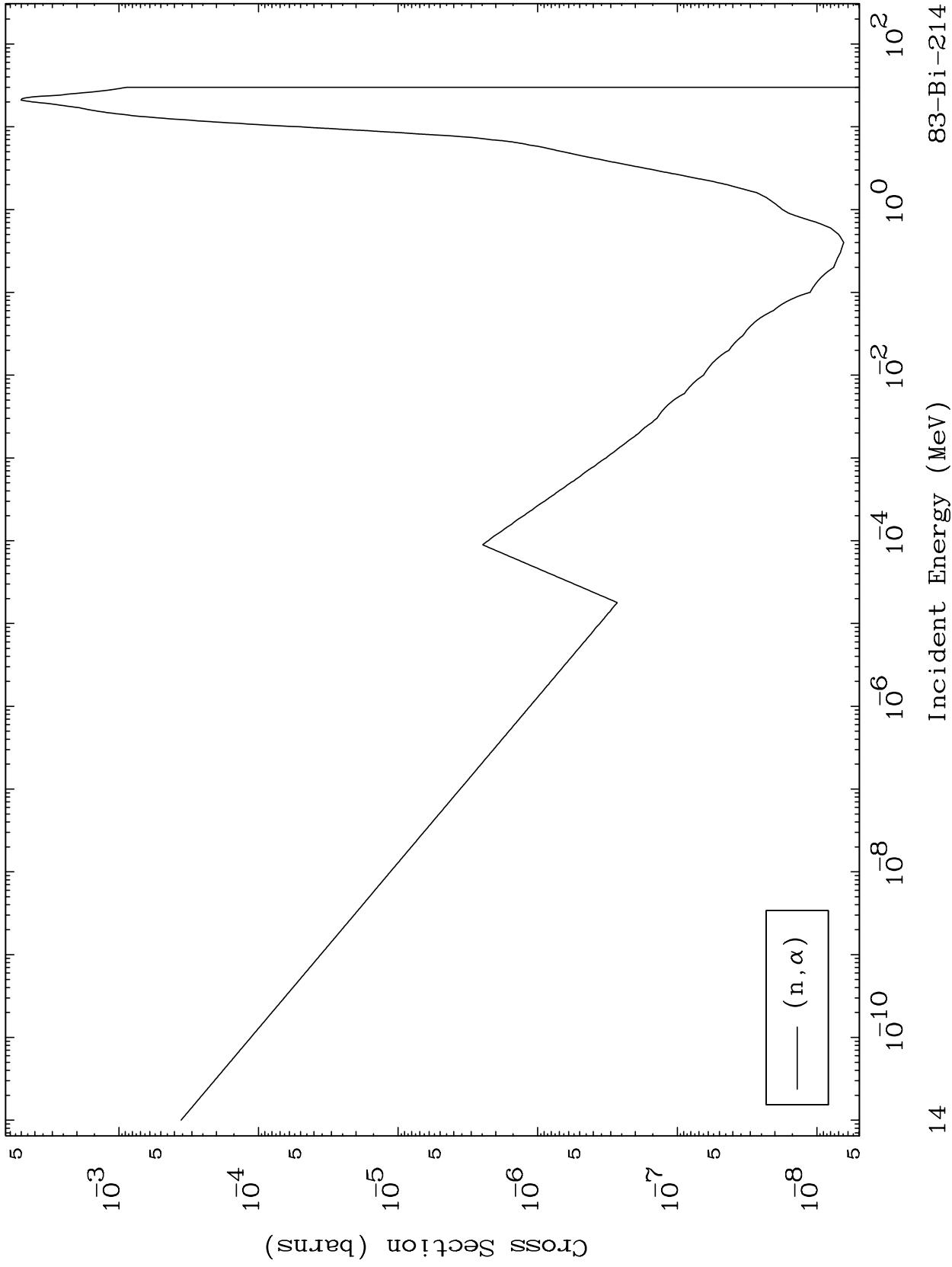
Incident Energy (MeV)

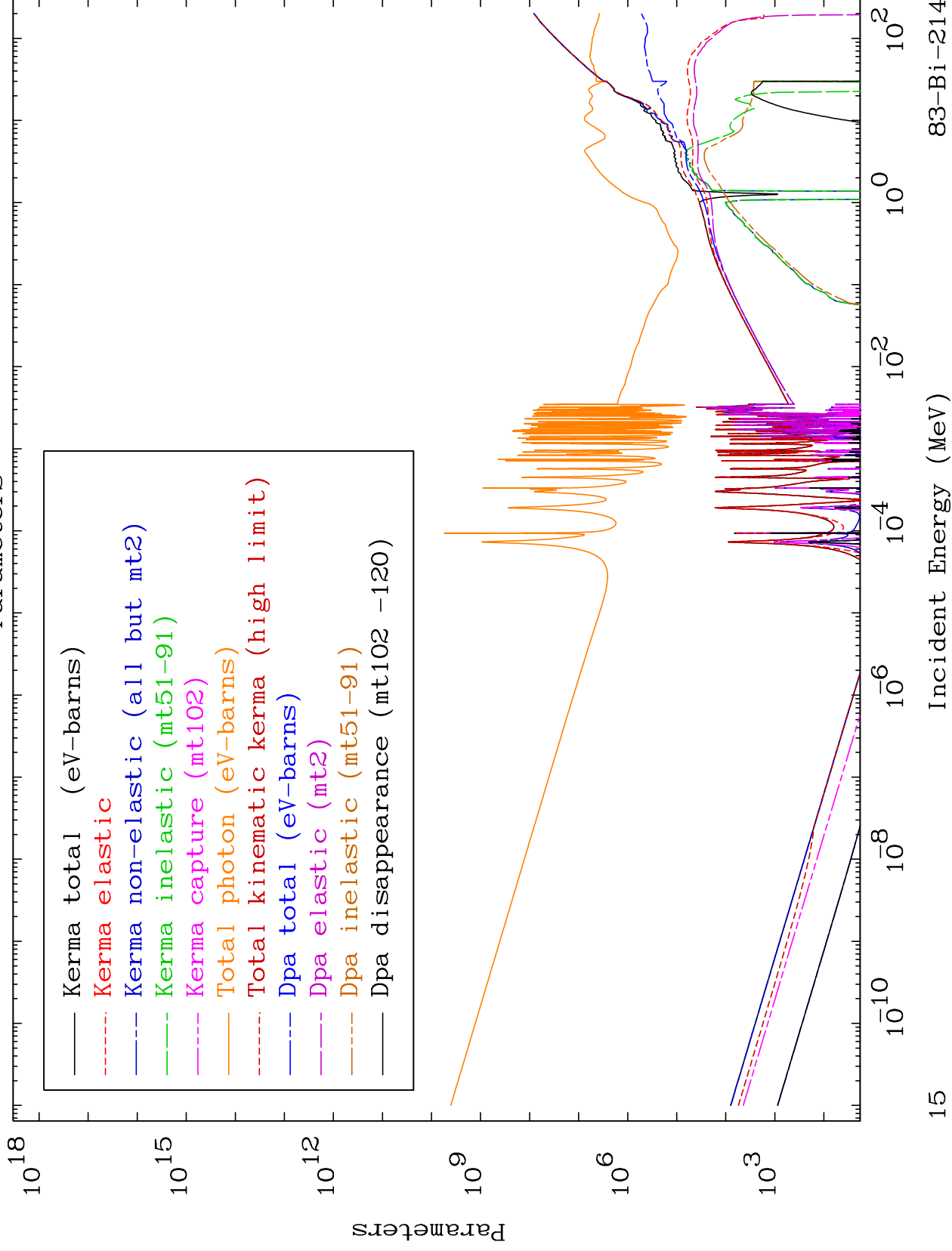
83-Bi-214

MAT 8340

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-214

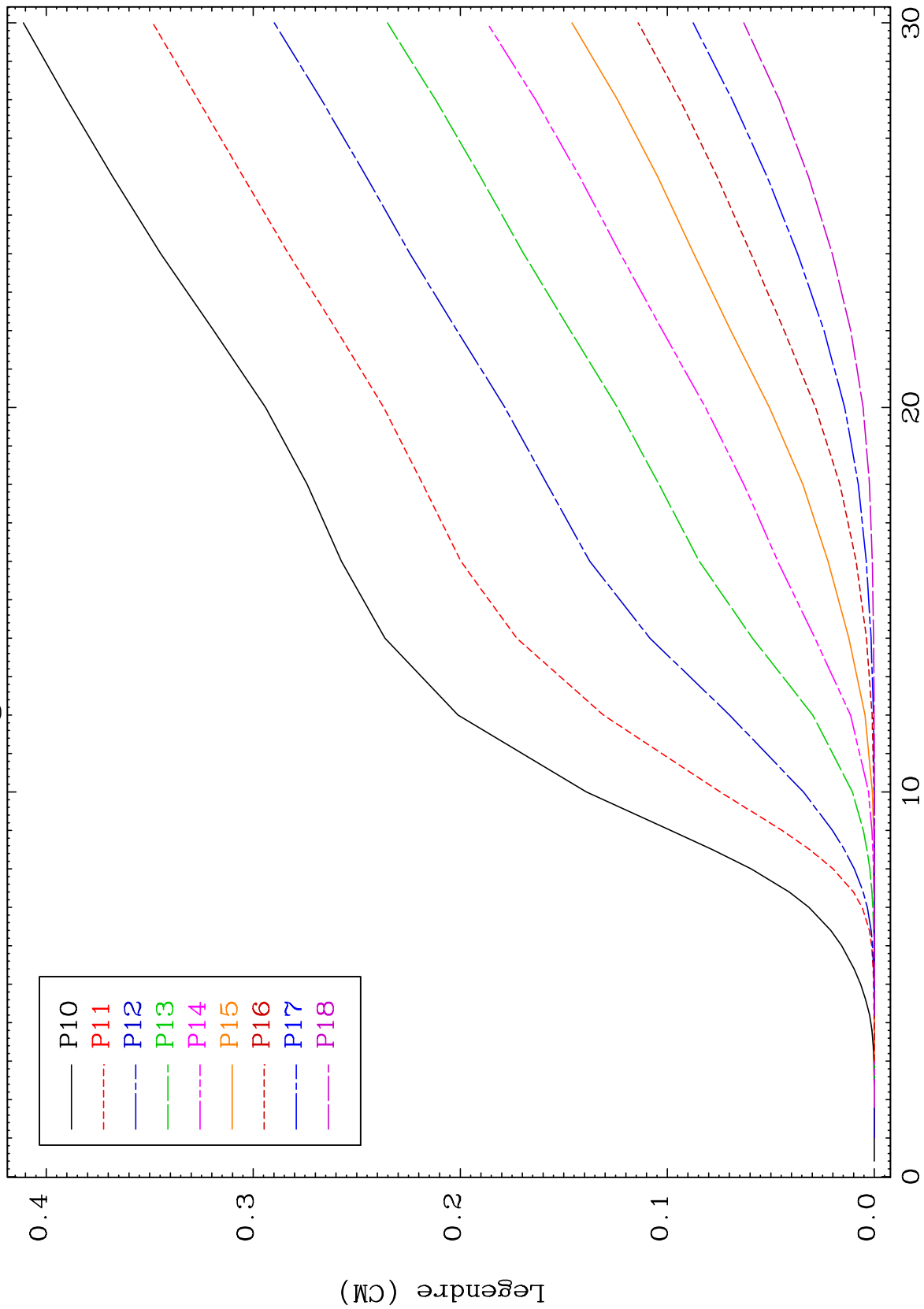




MAT 8340

Elastic Legendre Coefficients

83-Bi-214



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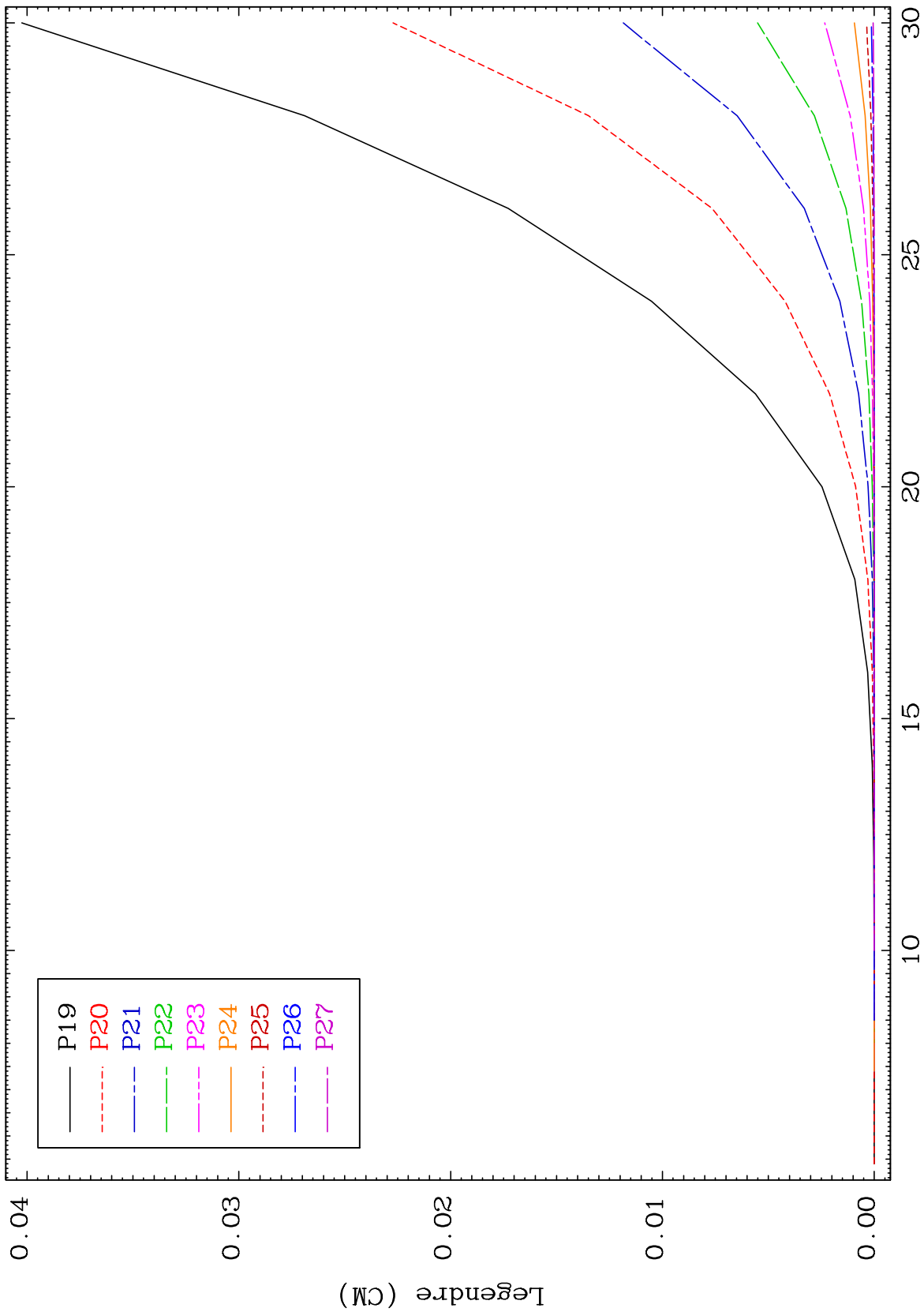
Incident Energy (MeV)

83-Bi-214

MAT 8340

Elastic
Legendre Coefficients

83-Bi-214



18

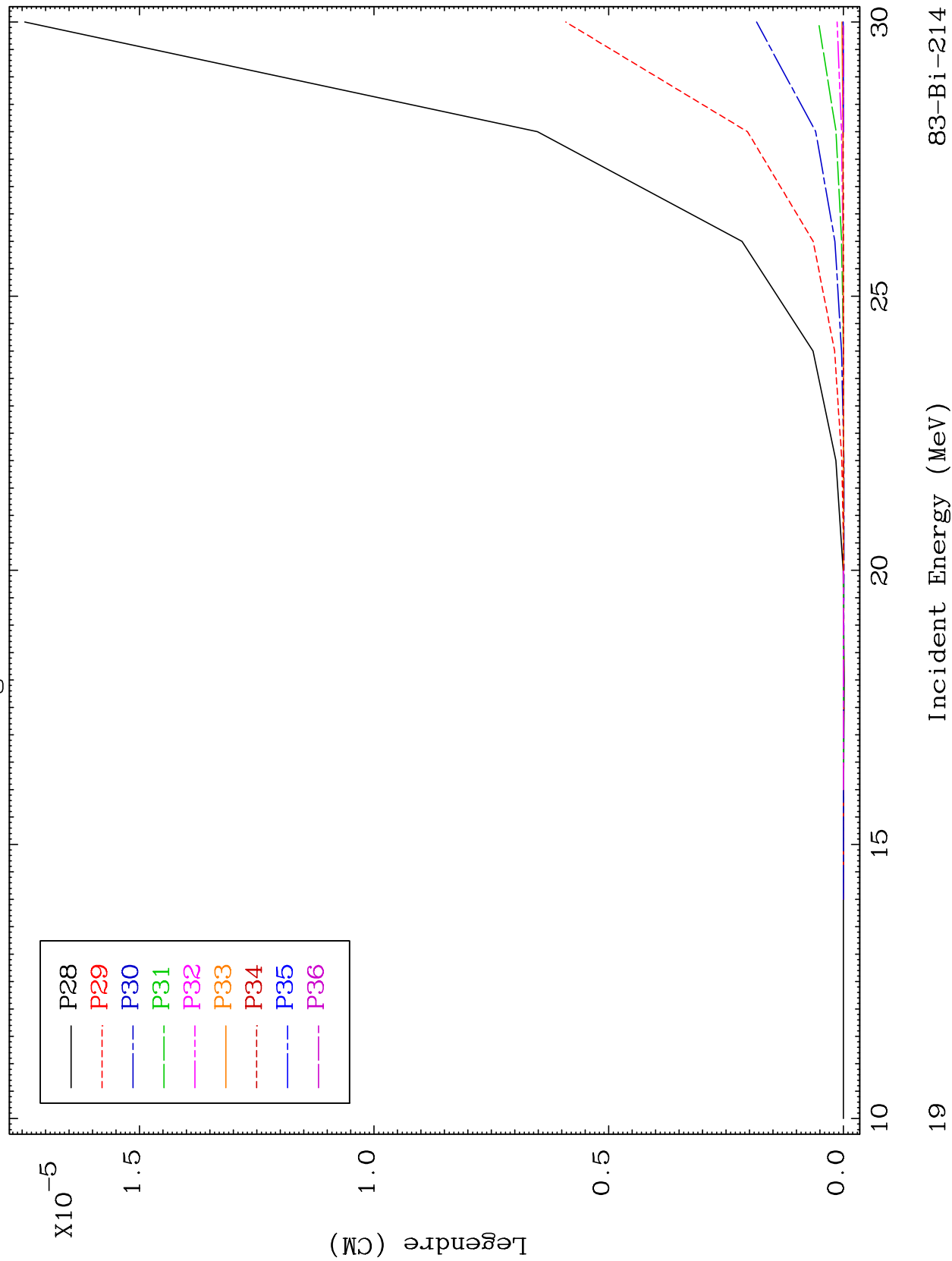
Incident Energy (MeV)

83-Bi-214

MAT 8340

Elastic
Legendre Coefficients

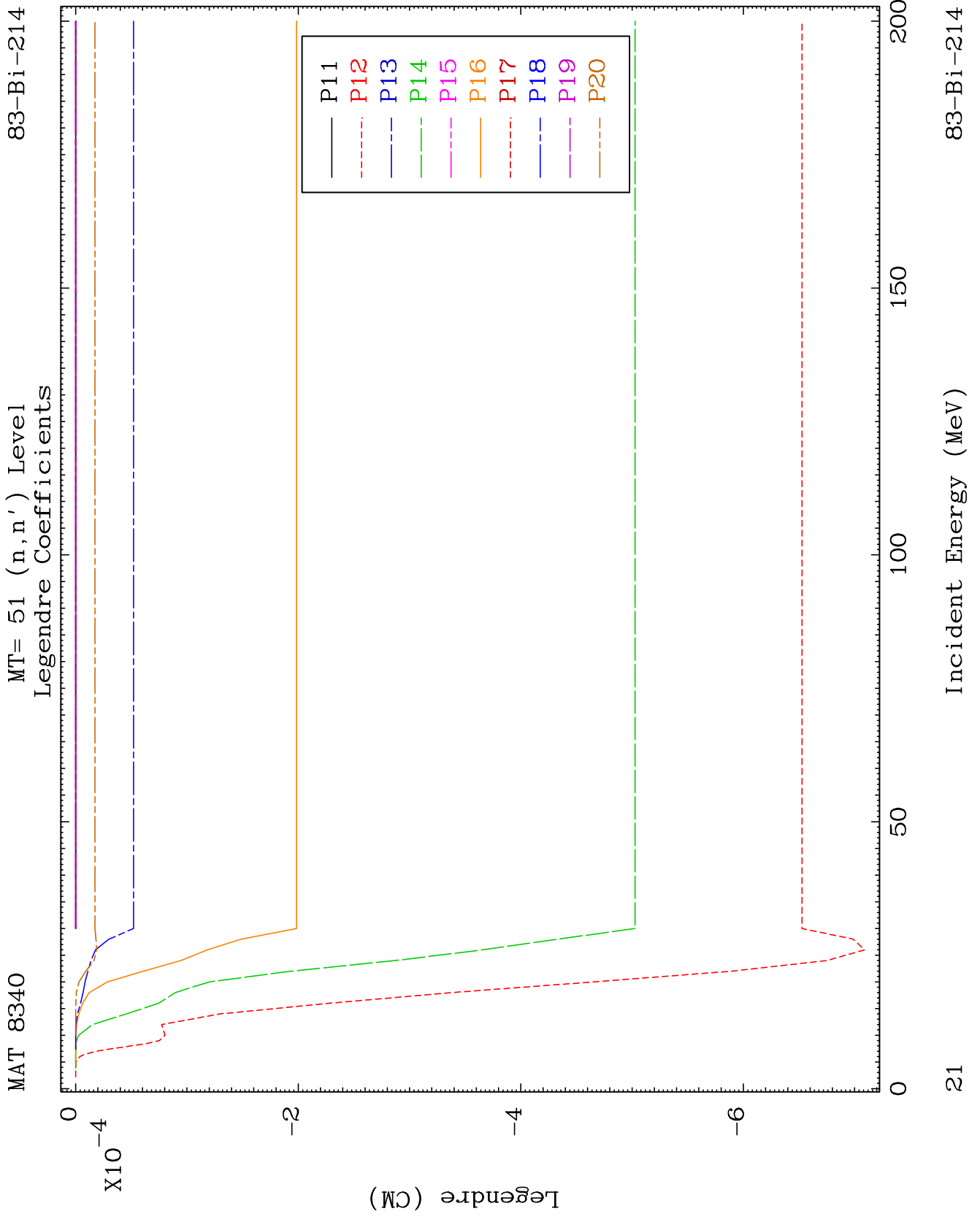
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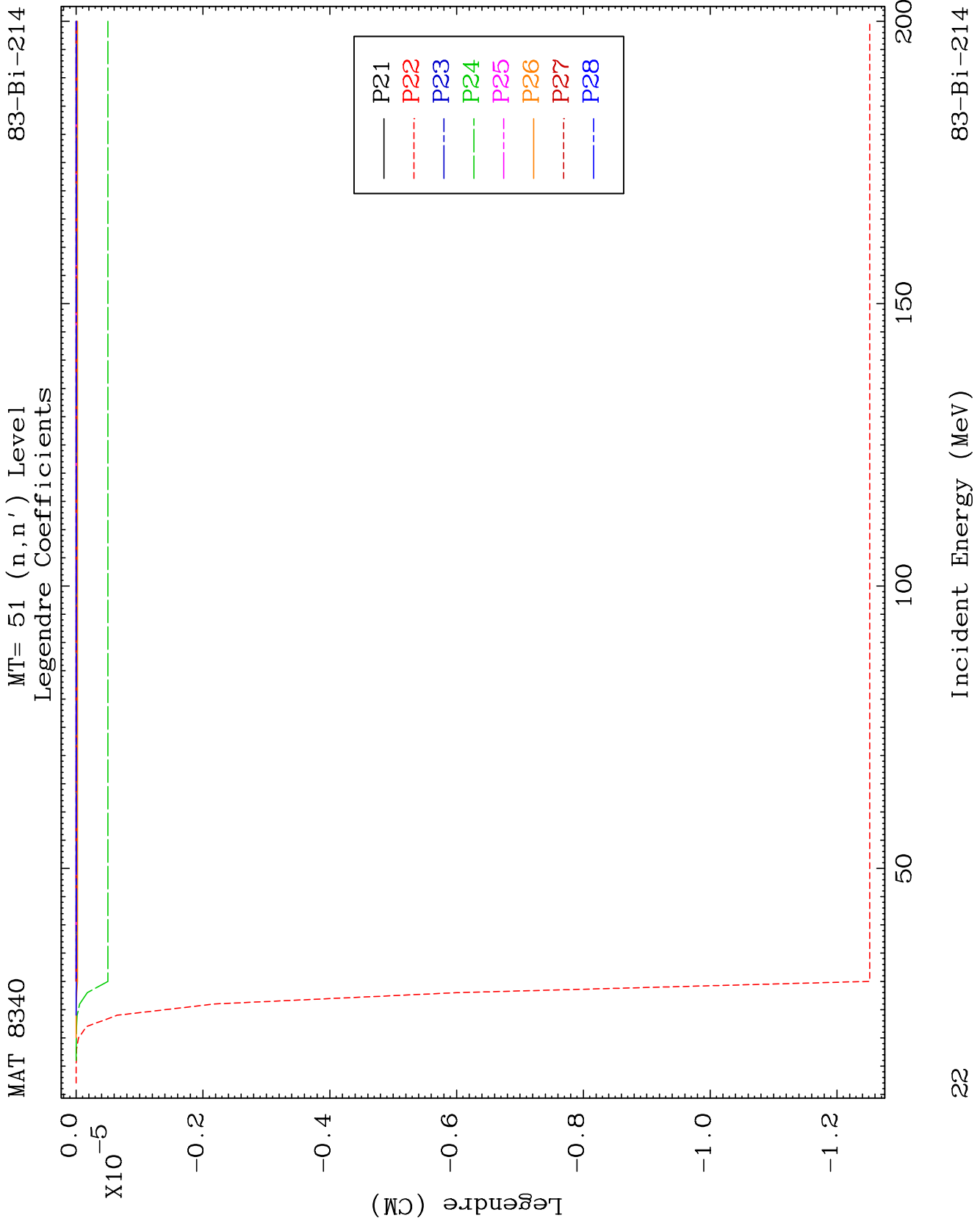


19

Incident Energy (MeV)

83-Bi-214

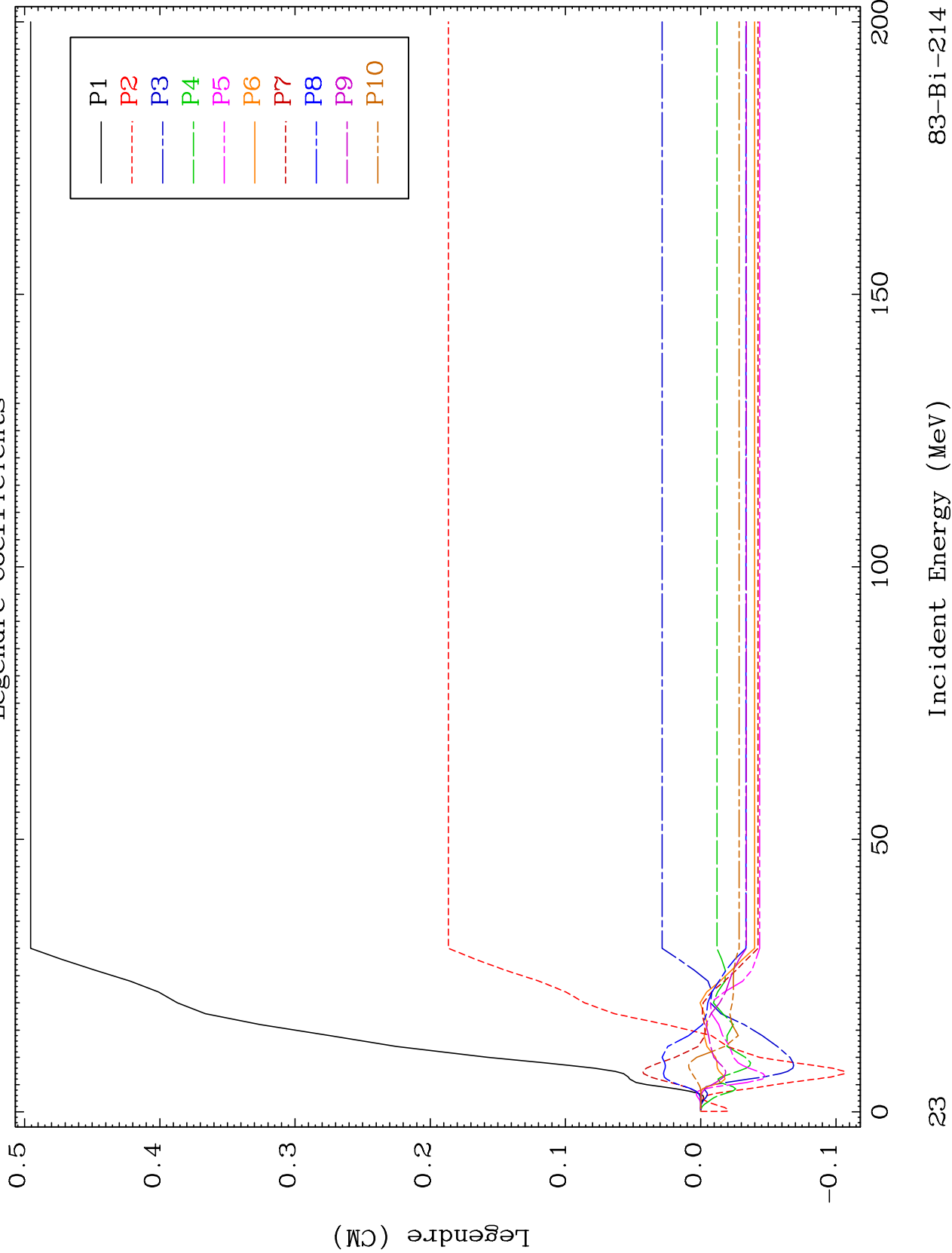




MAT 8340

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

83-Bi-214



83-Bi-214

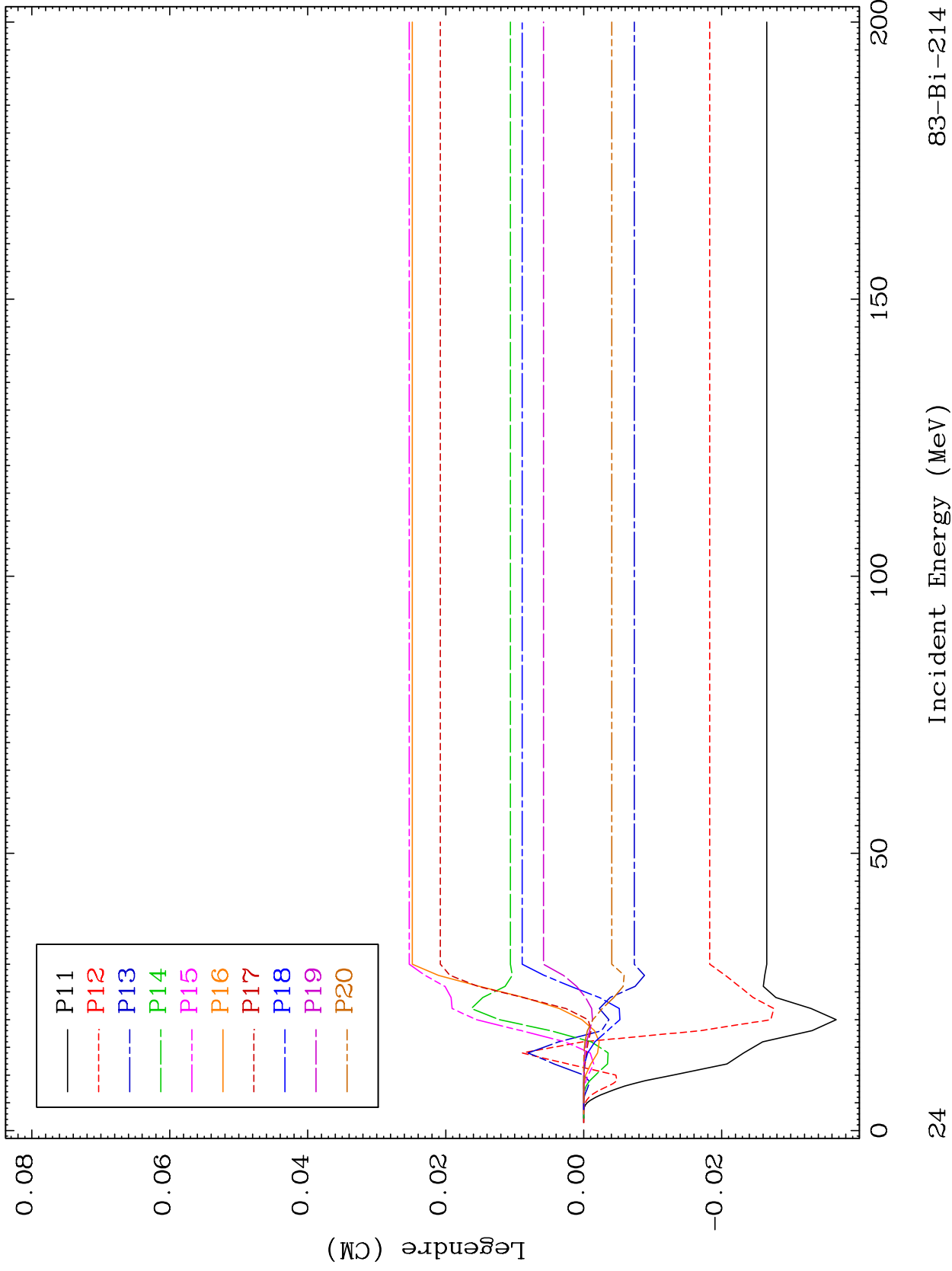
Incident Energy (MeV)

23

MAT 8340

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

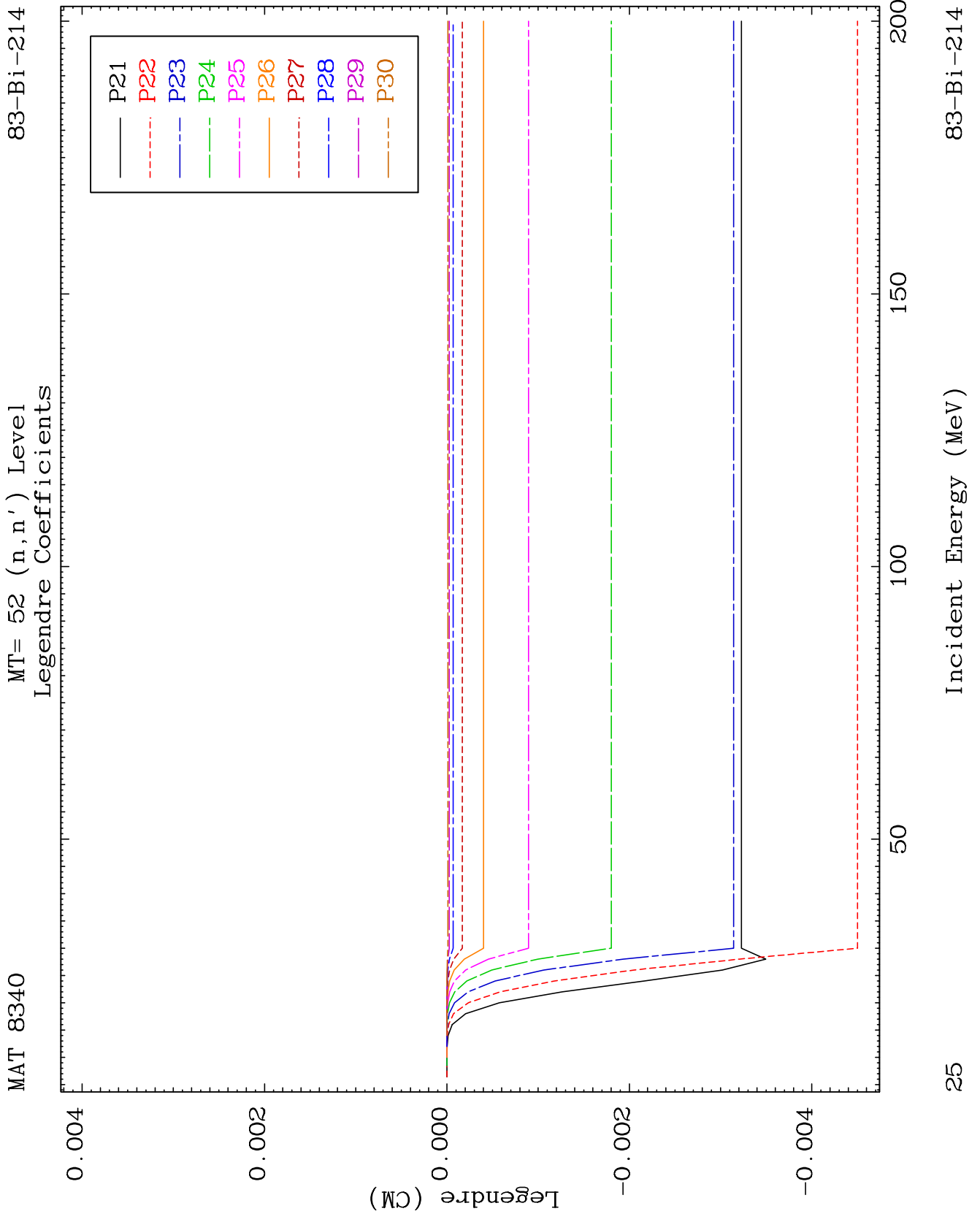
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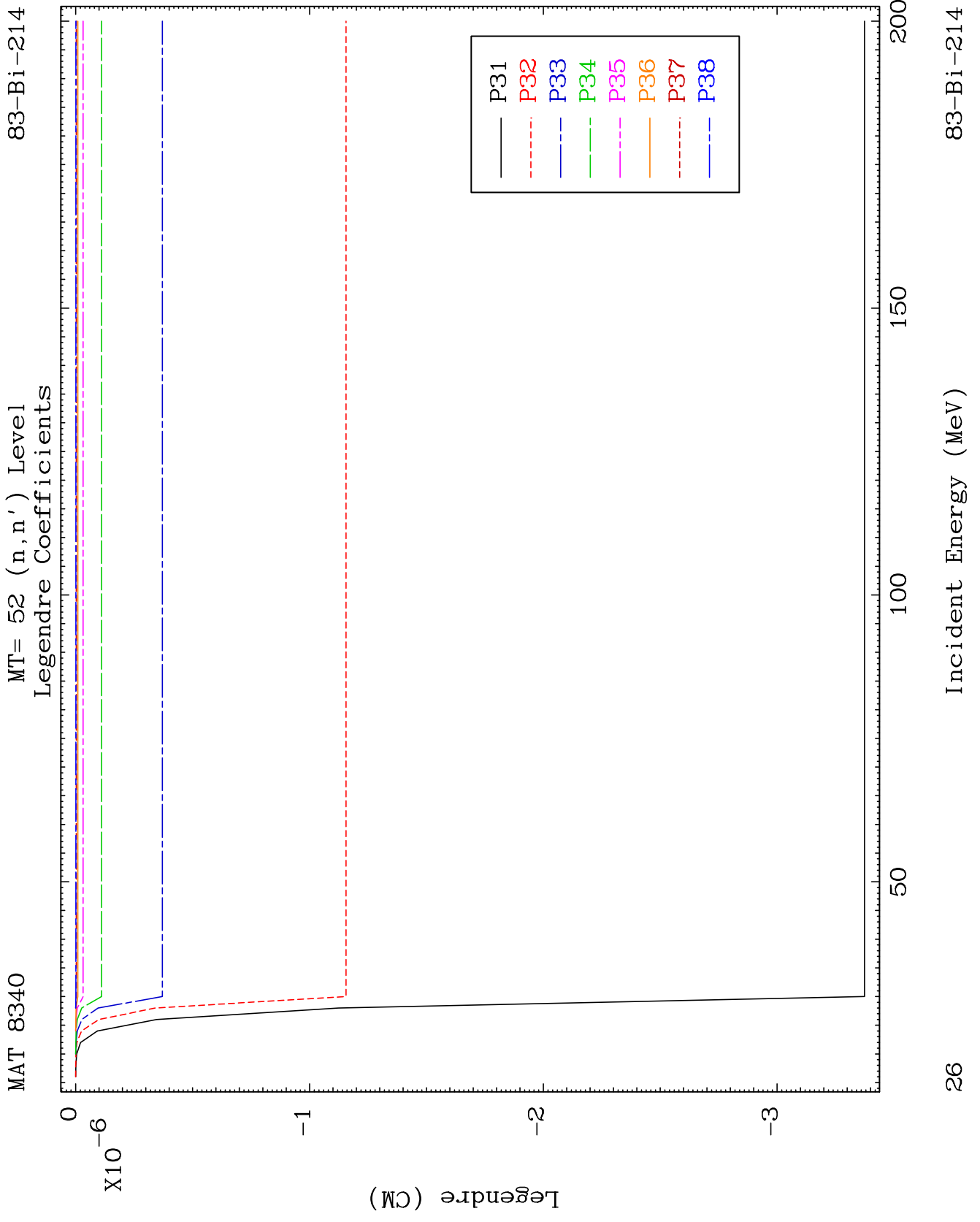


24

Incident Energy (MeV)

83-Bi-214

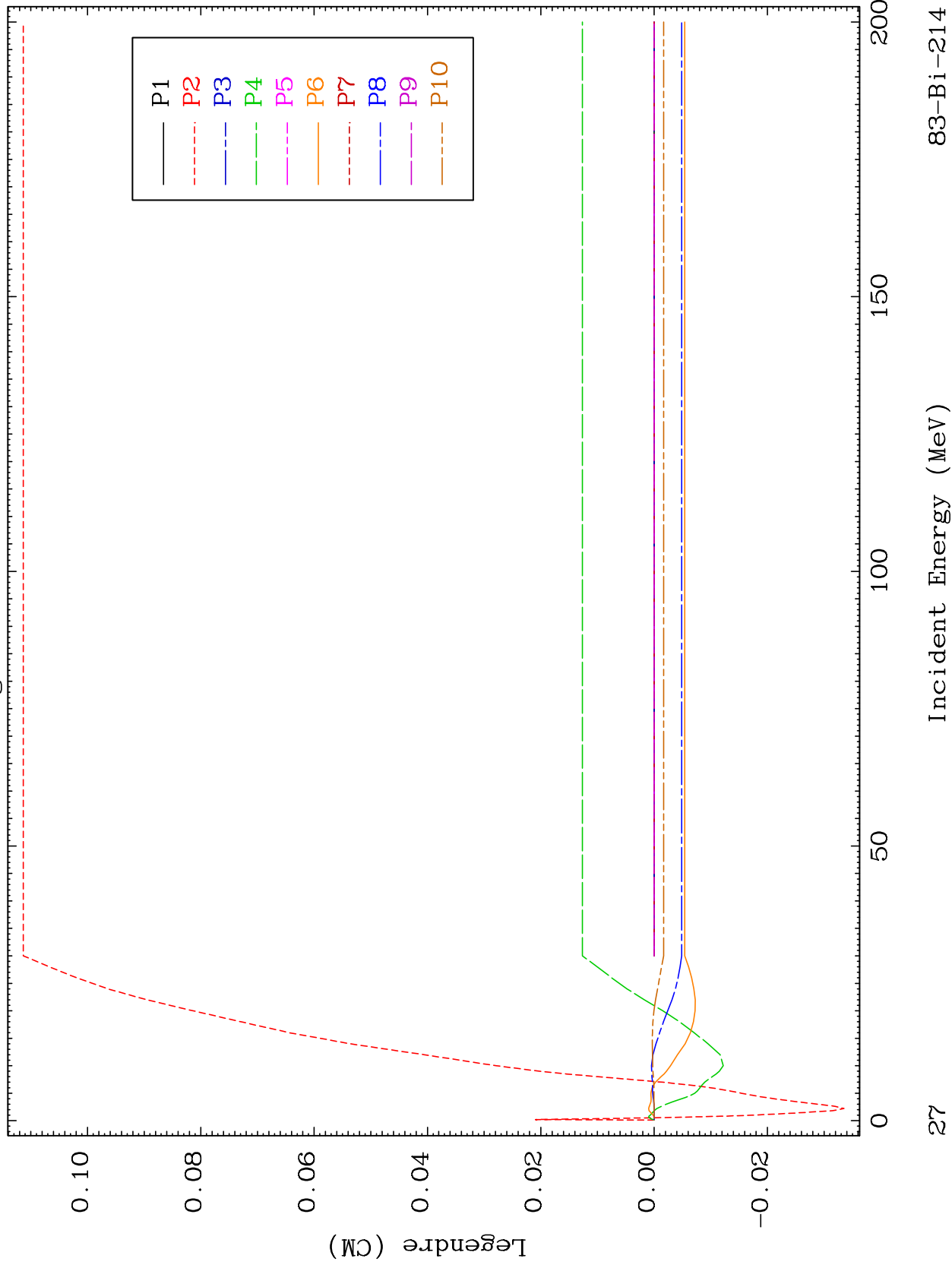




MAT 8340

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

83-Bi-214



83-Bi-214

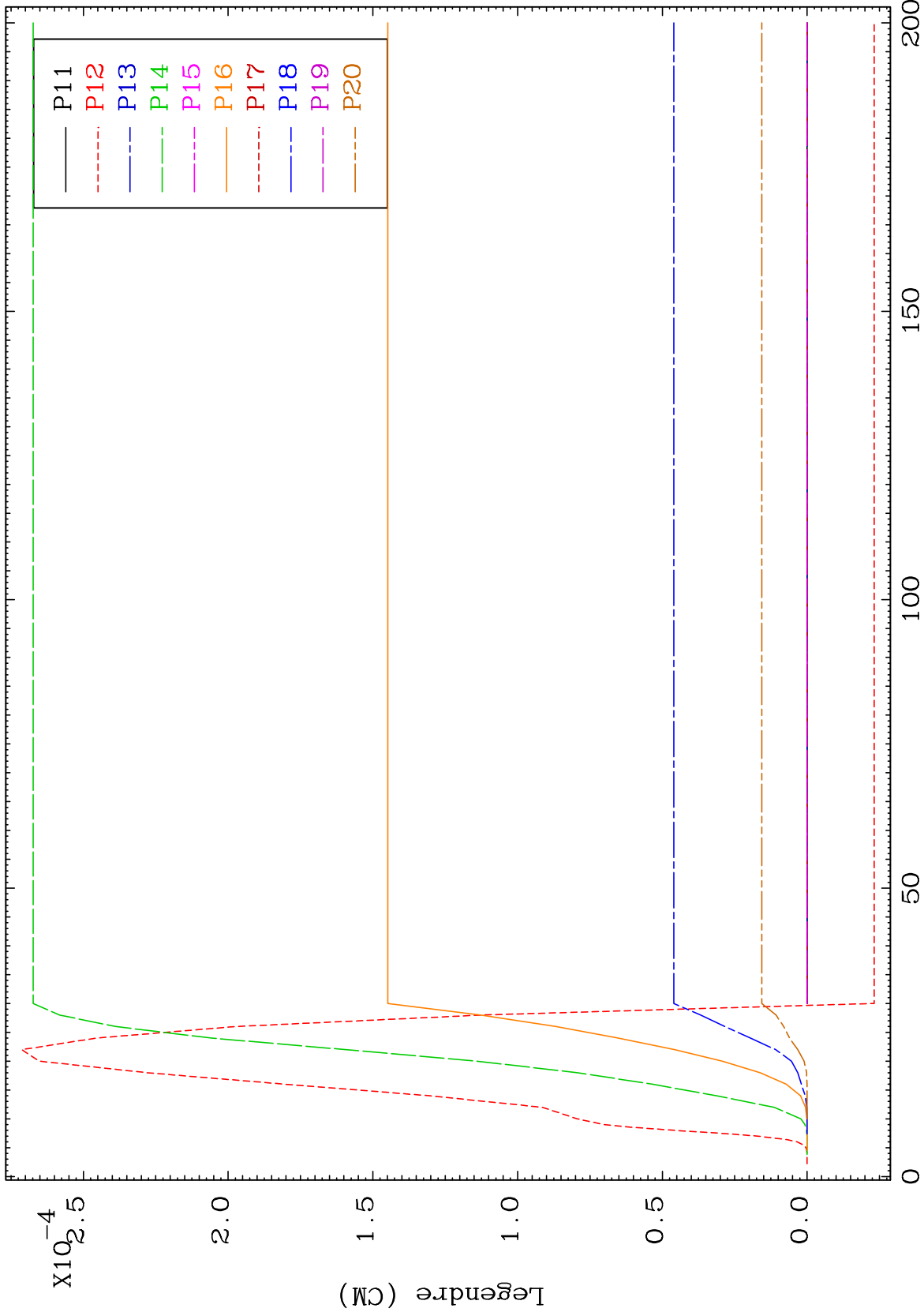
Incident Energy (MeV)

27

MAT 8340

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

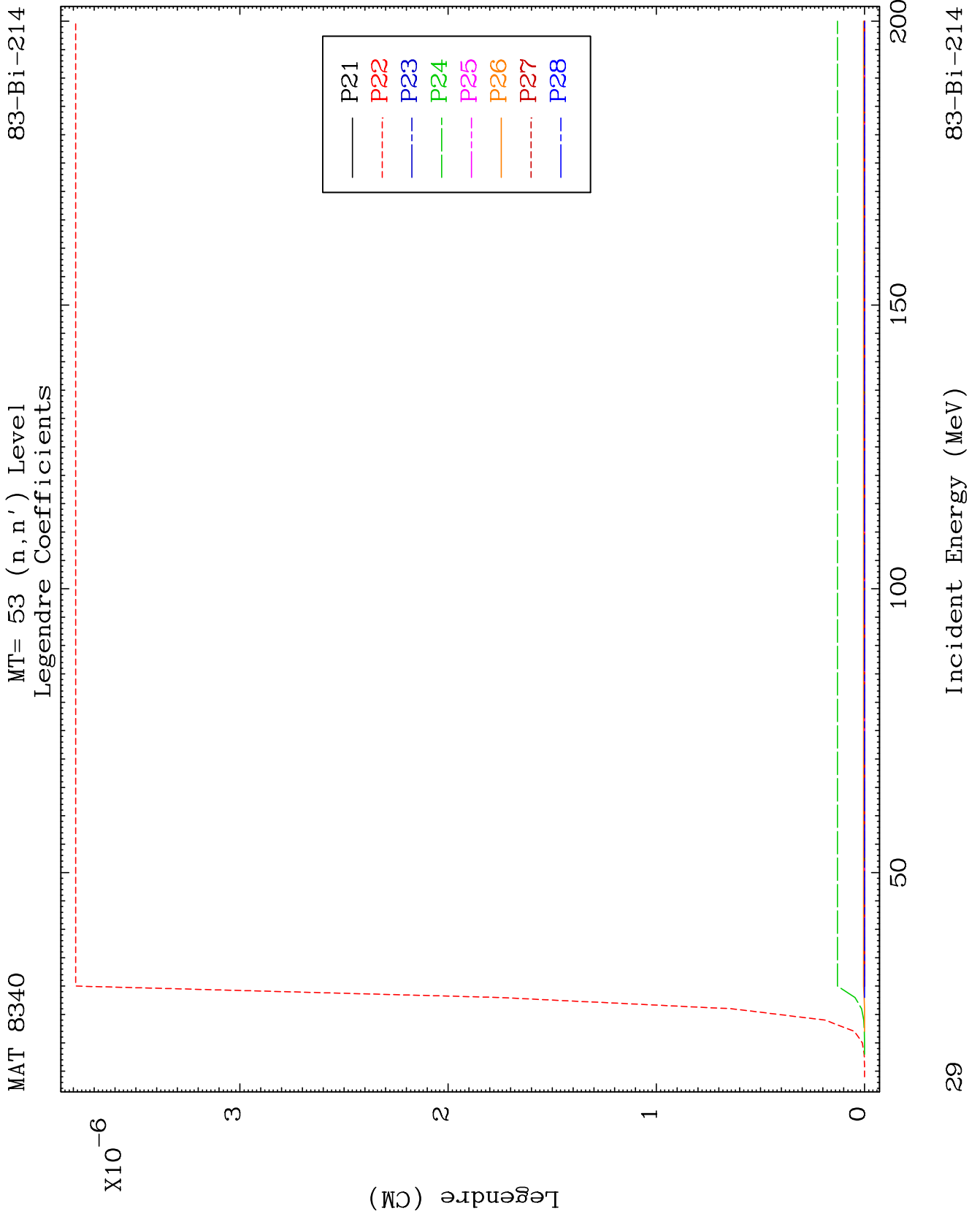
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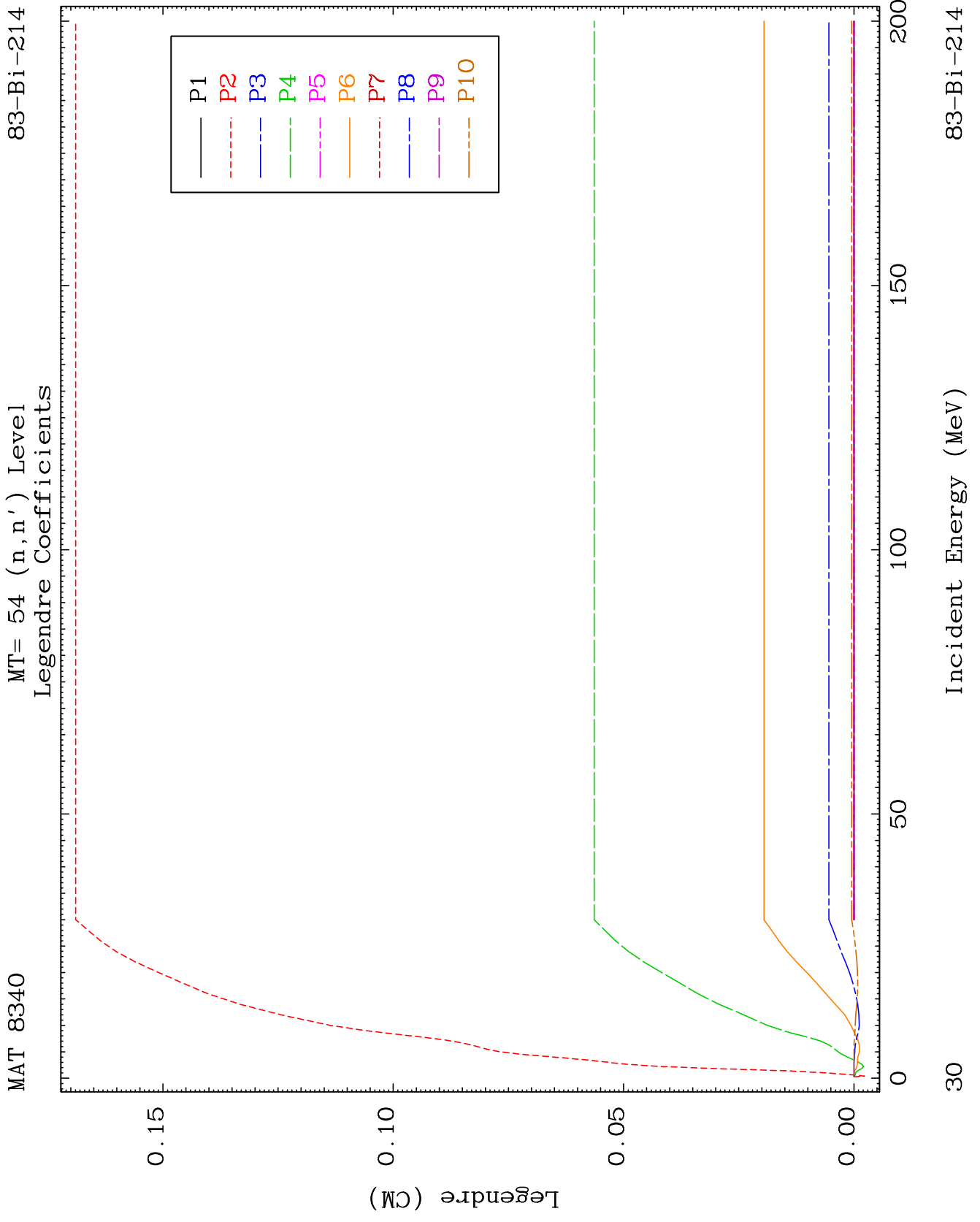


28

Incident Energy (MeV)

83-Bi-214



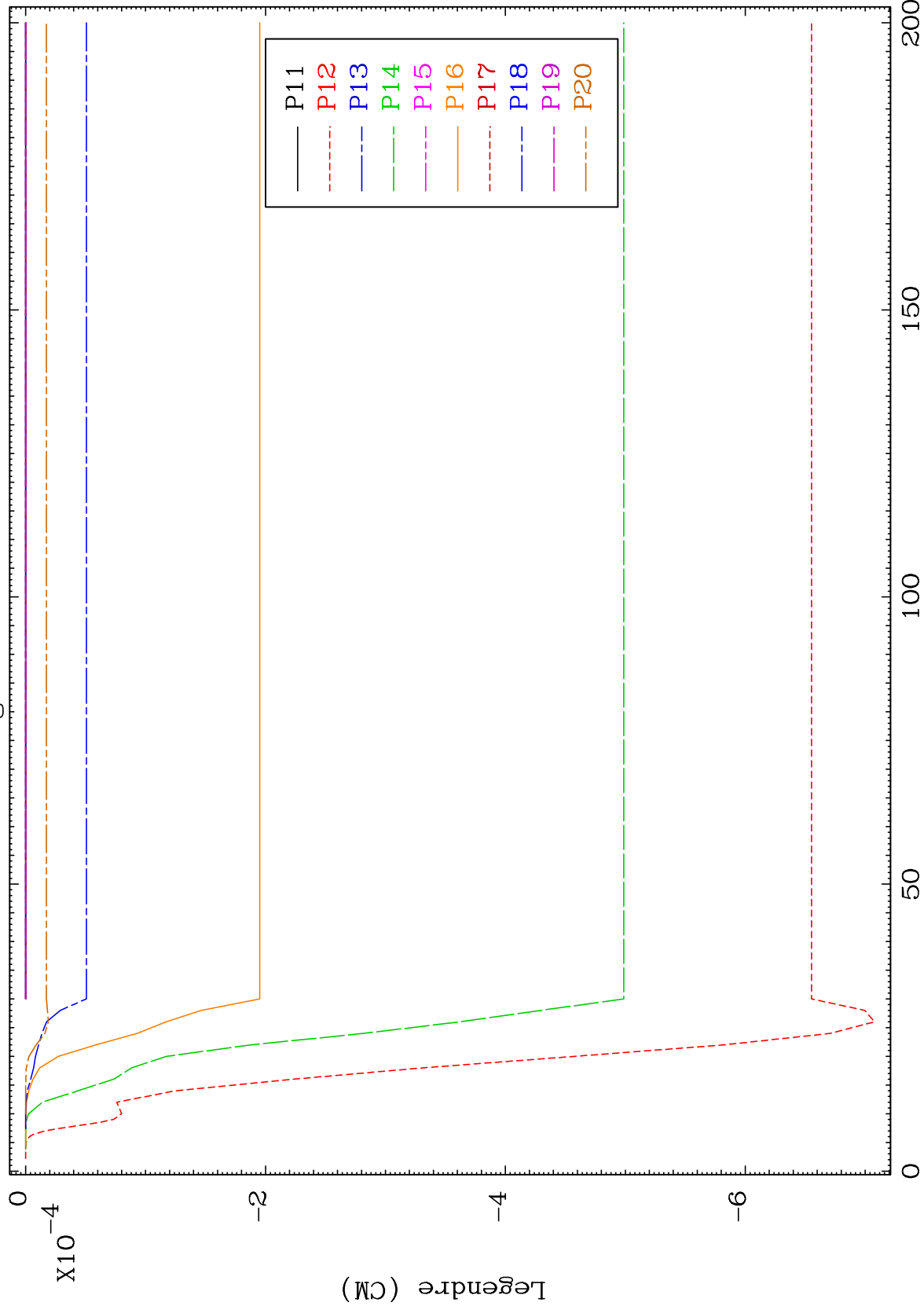


MAT 8340

MT= 54 (n,n') Level

83-Bi-214

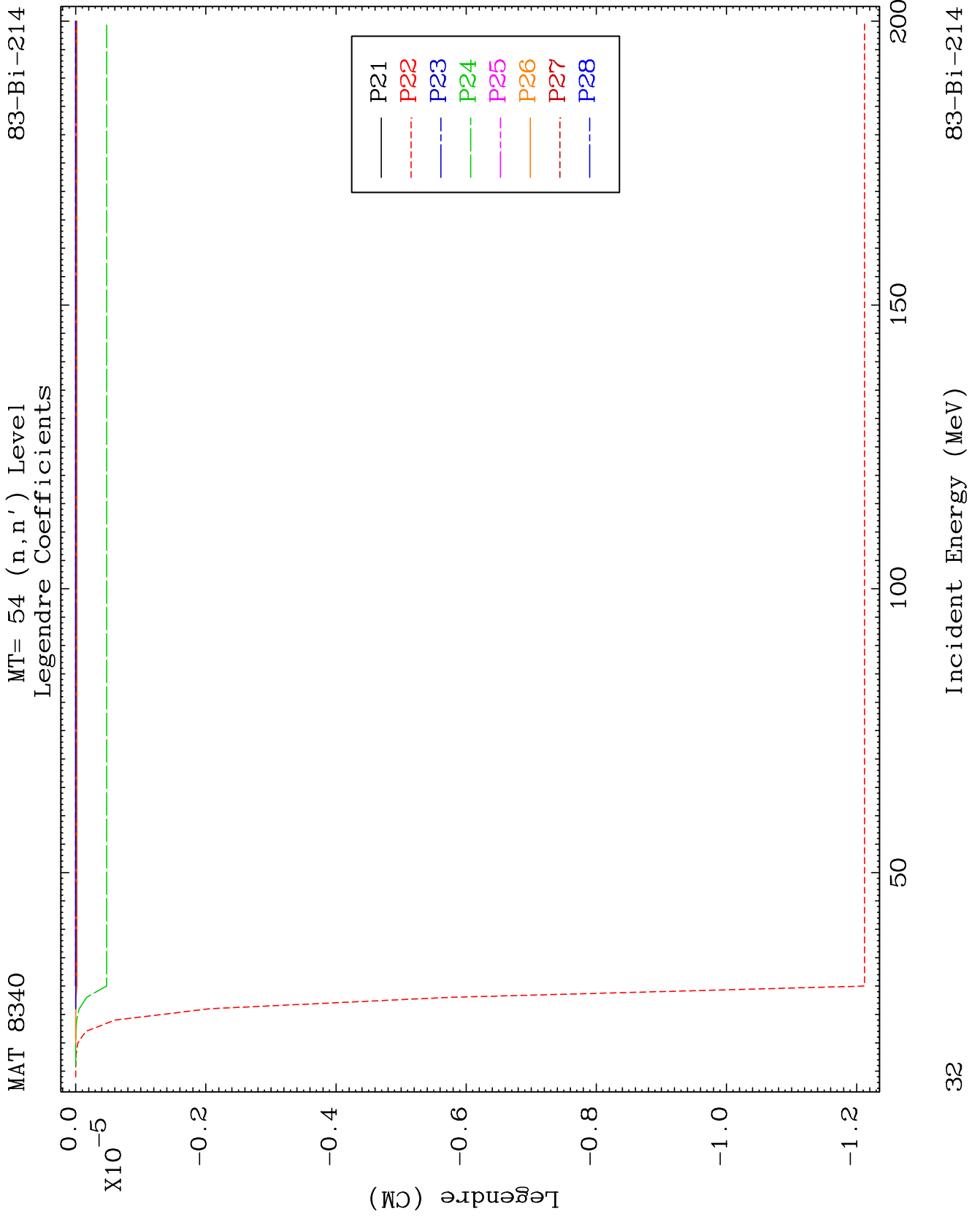
Legendre Coefficients



83-Bi-214

Incident Energy (MeV)

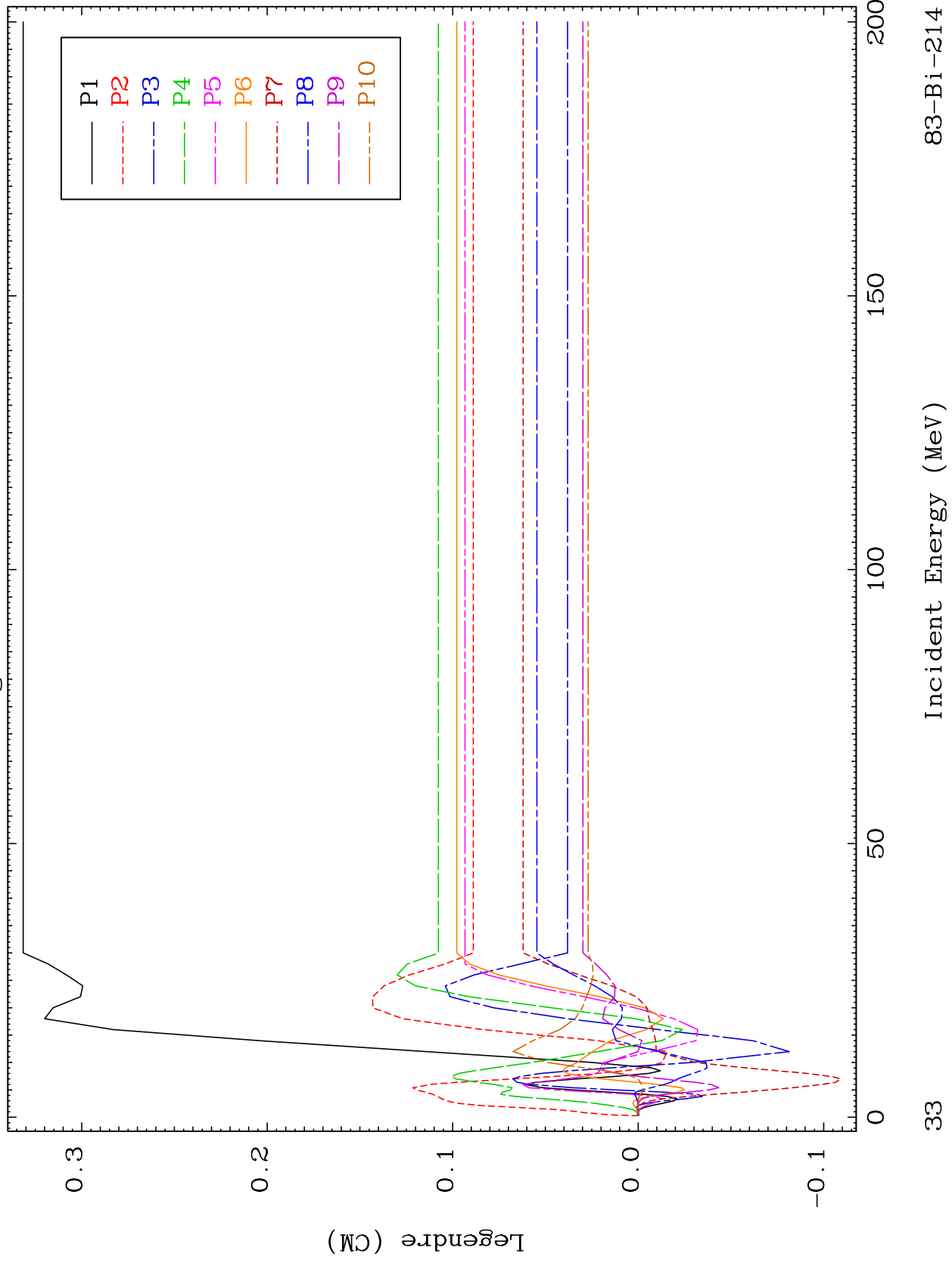
31



MAT 8340

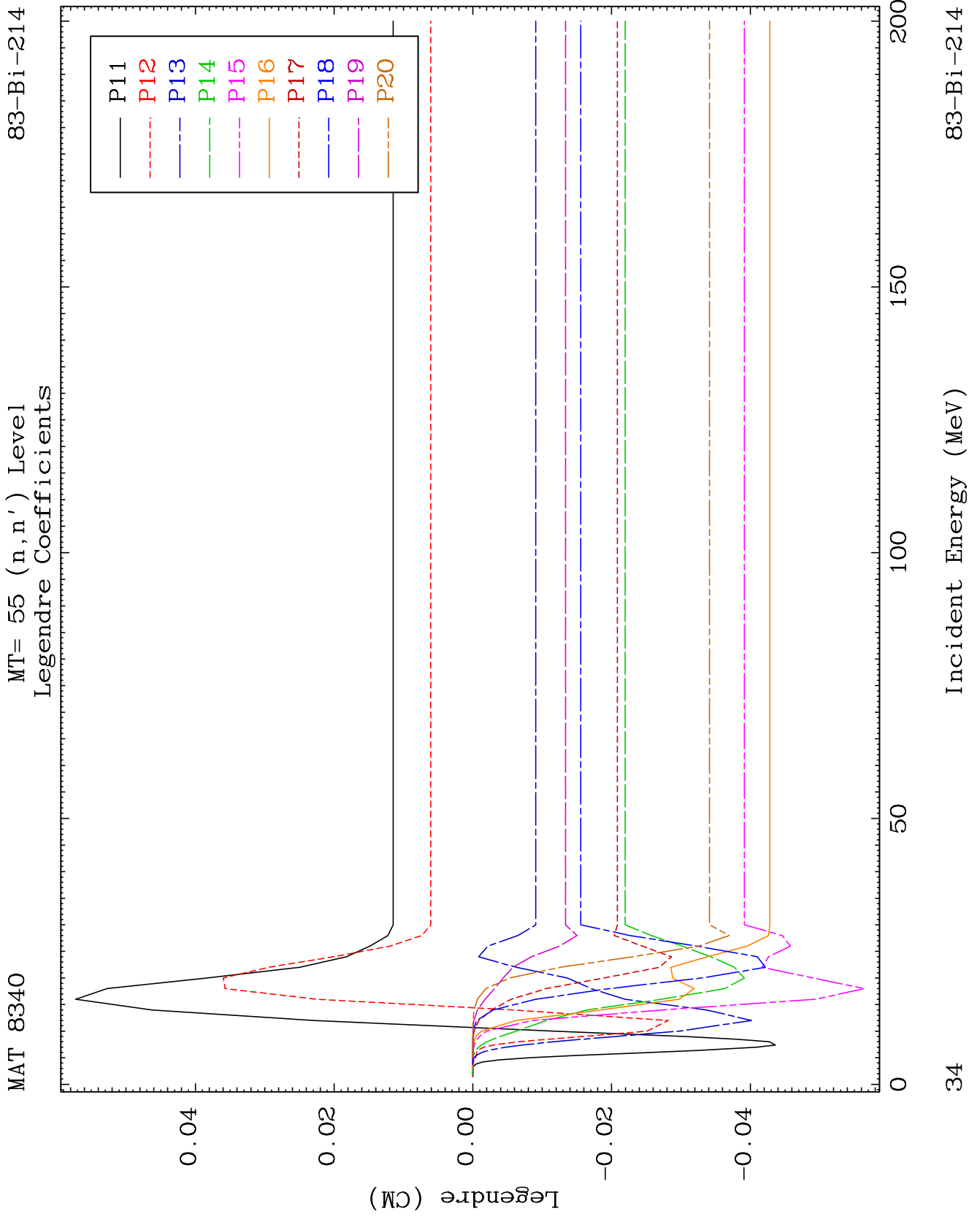
MT= 55 (n,n') Level
Legendre Coefficients

83-Bi-214



33

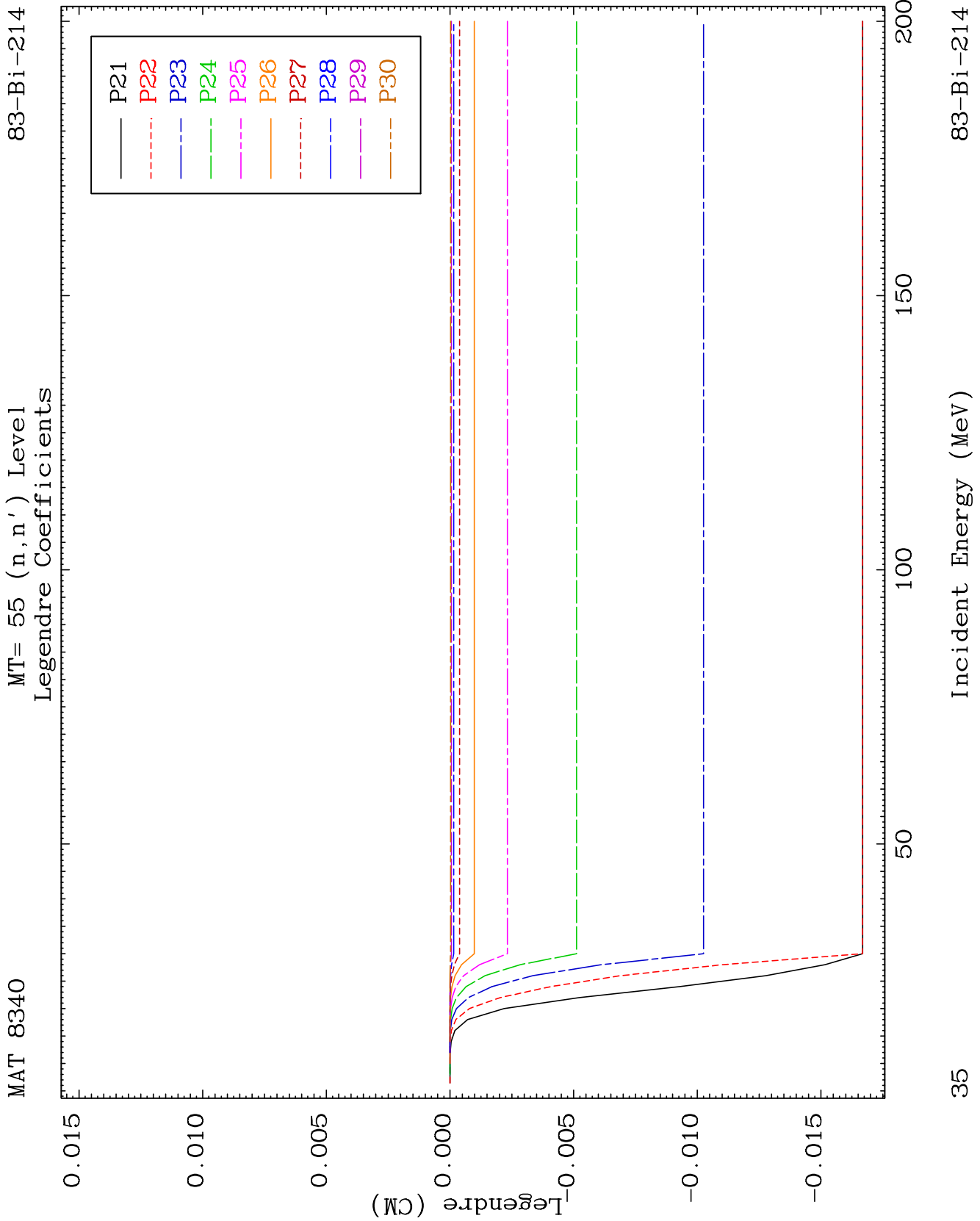
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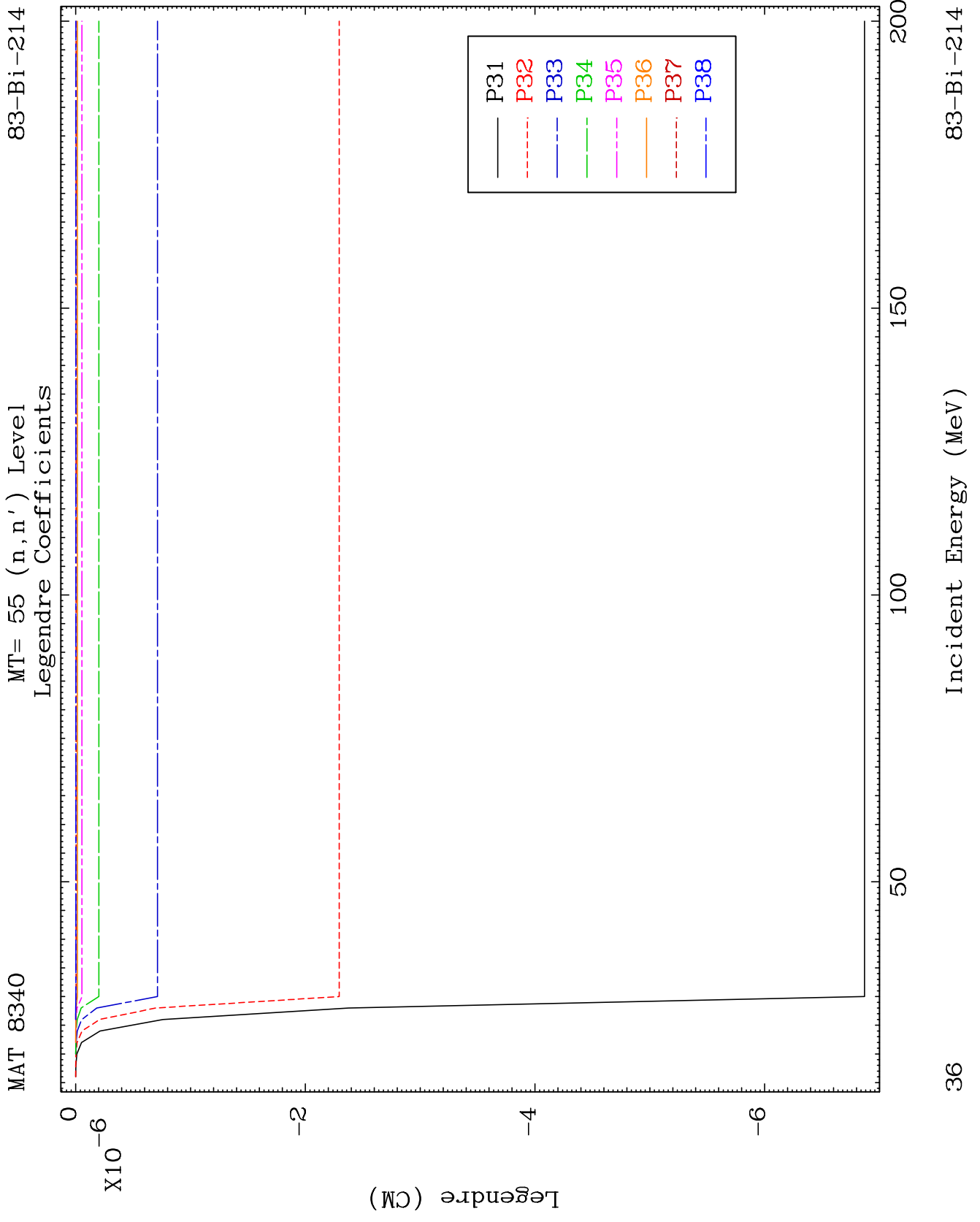


83-Bi-214

Incident Energy (MeV)

34

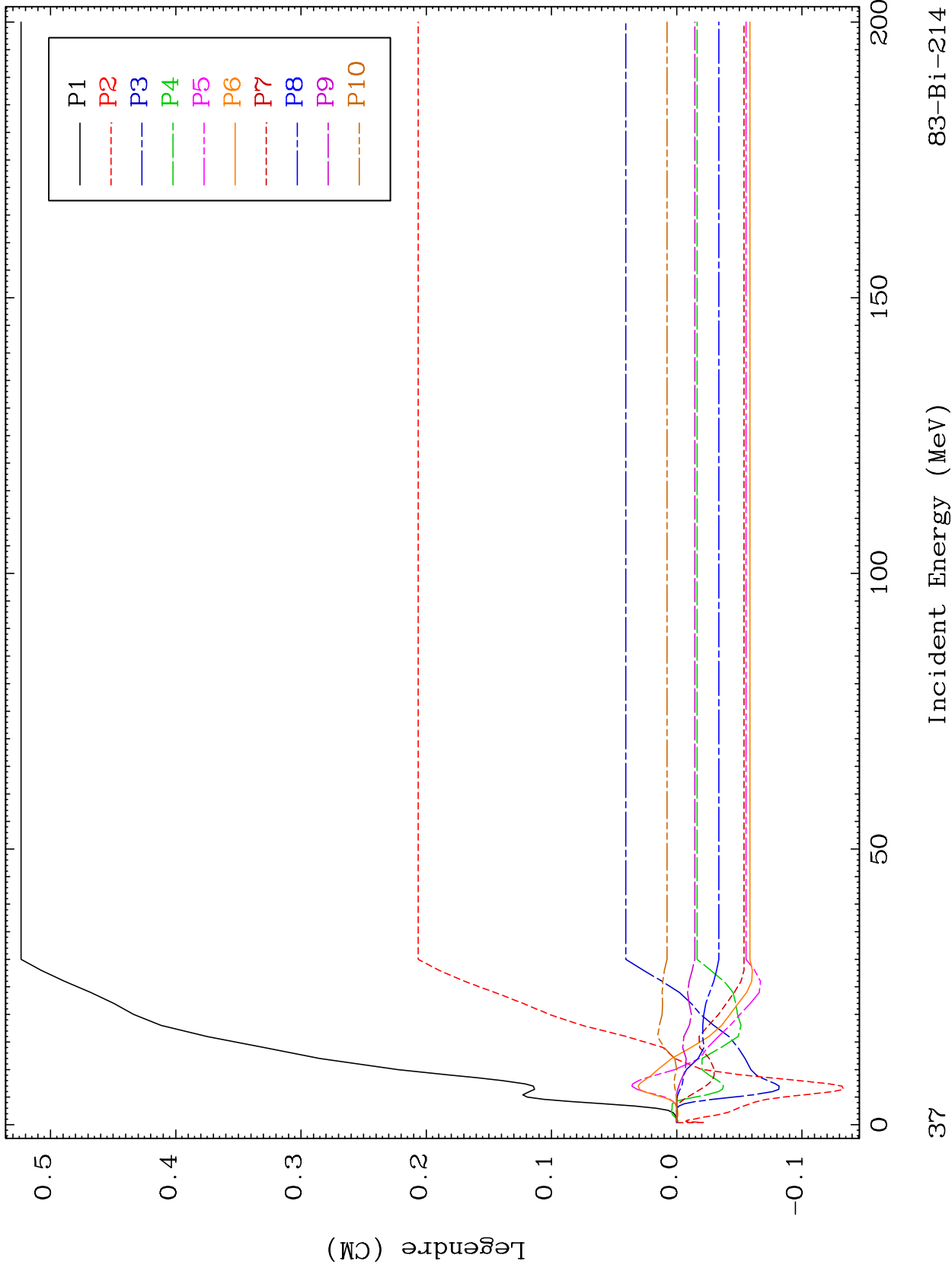




MAT 8340

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

83-Bi-214



37

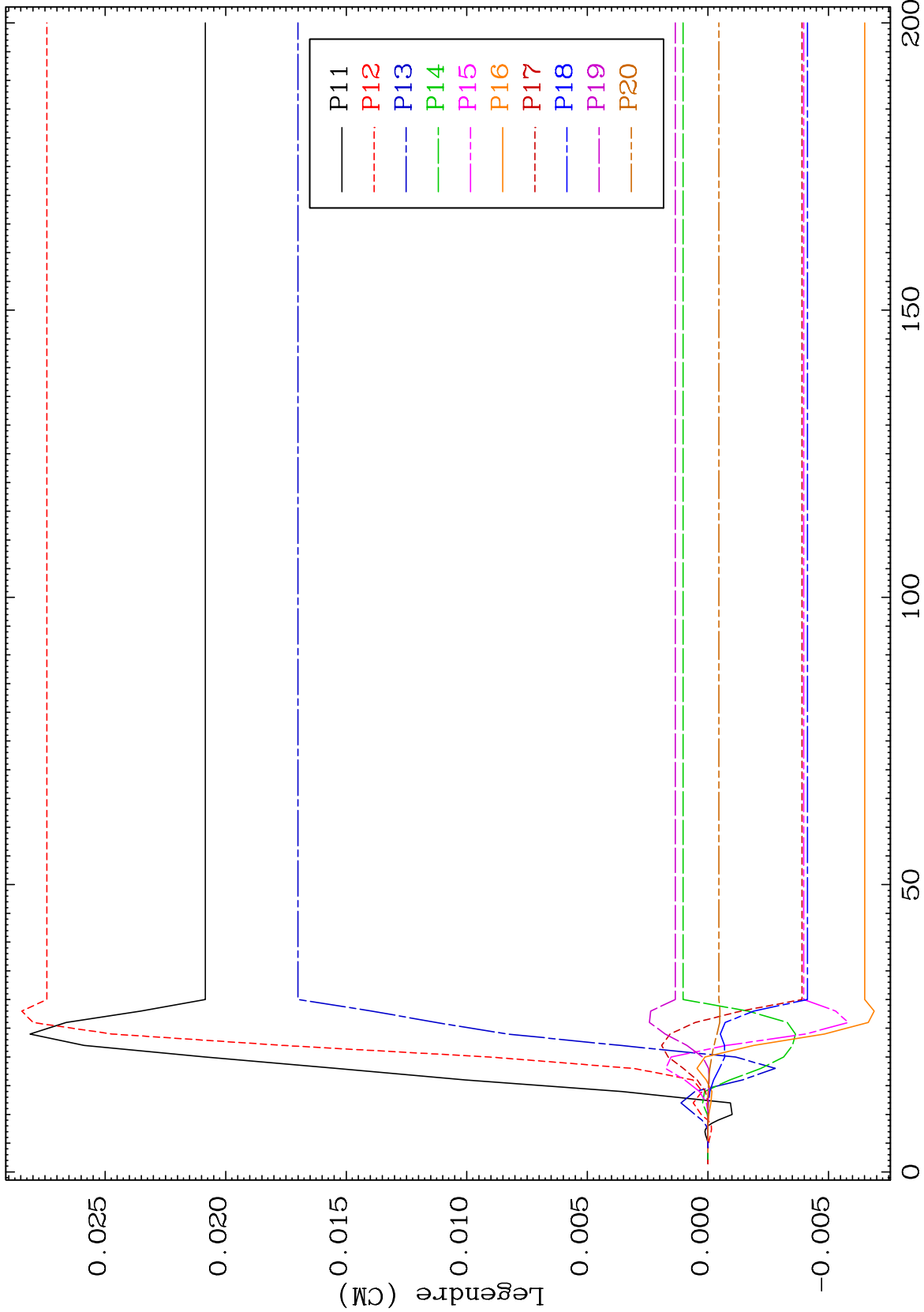
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



38

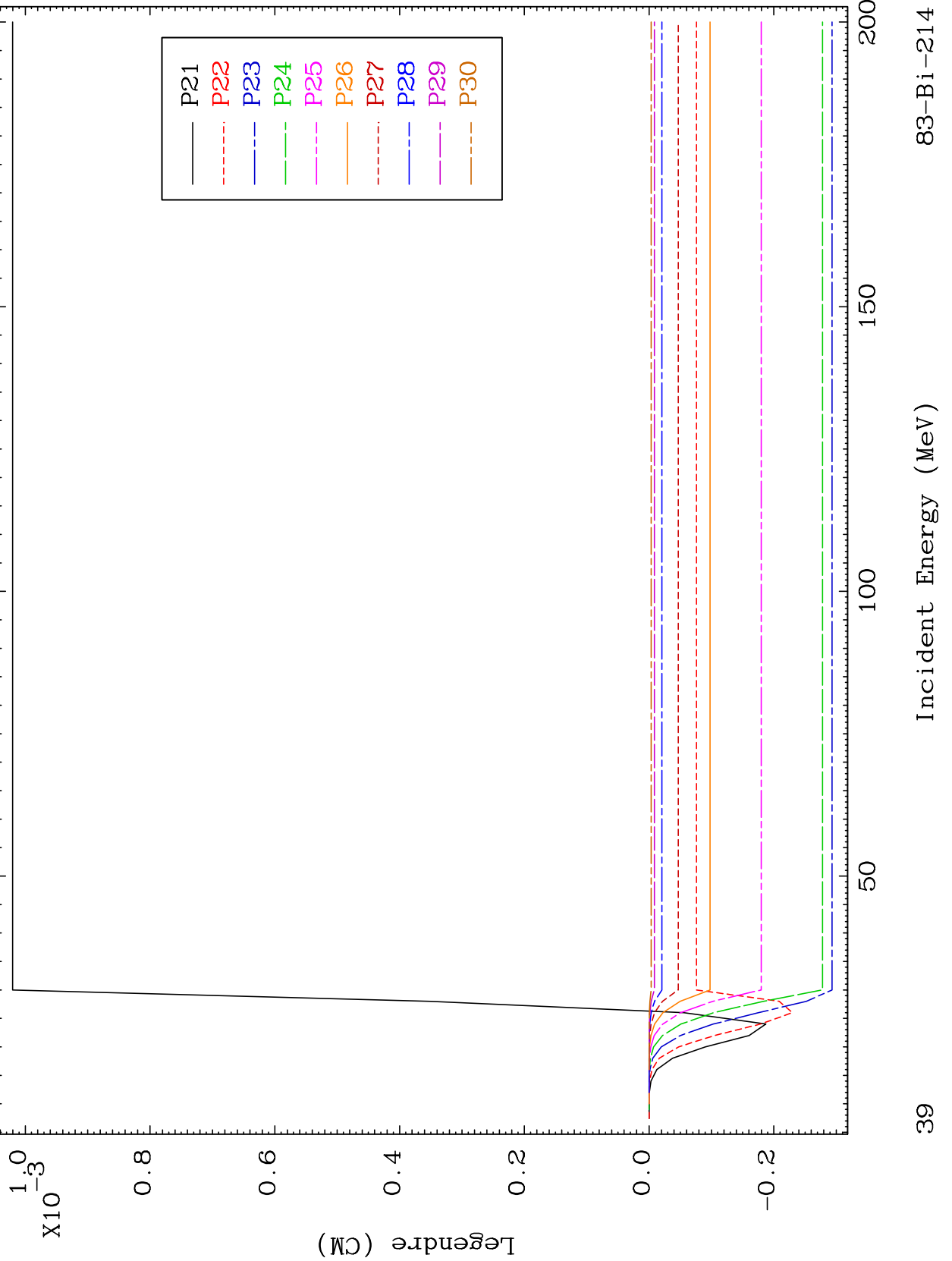
Incident Energy (MeV)

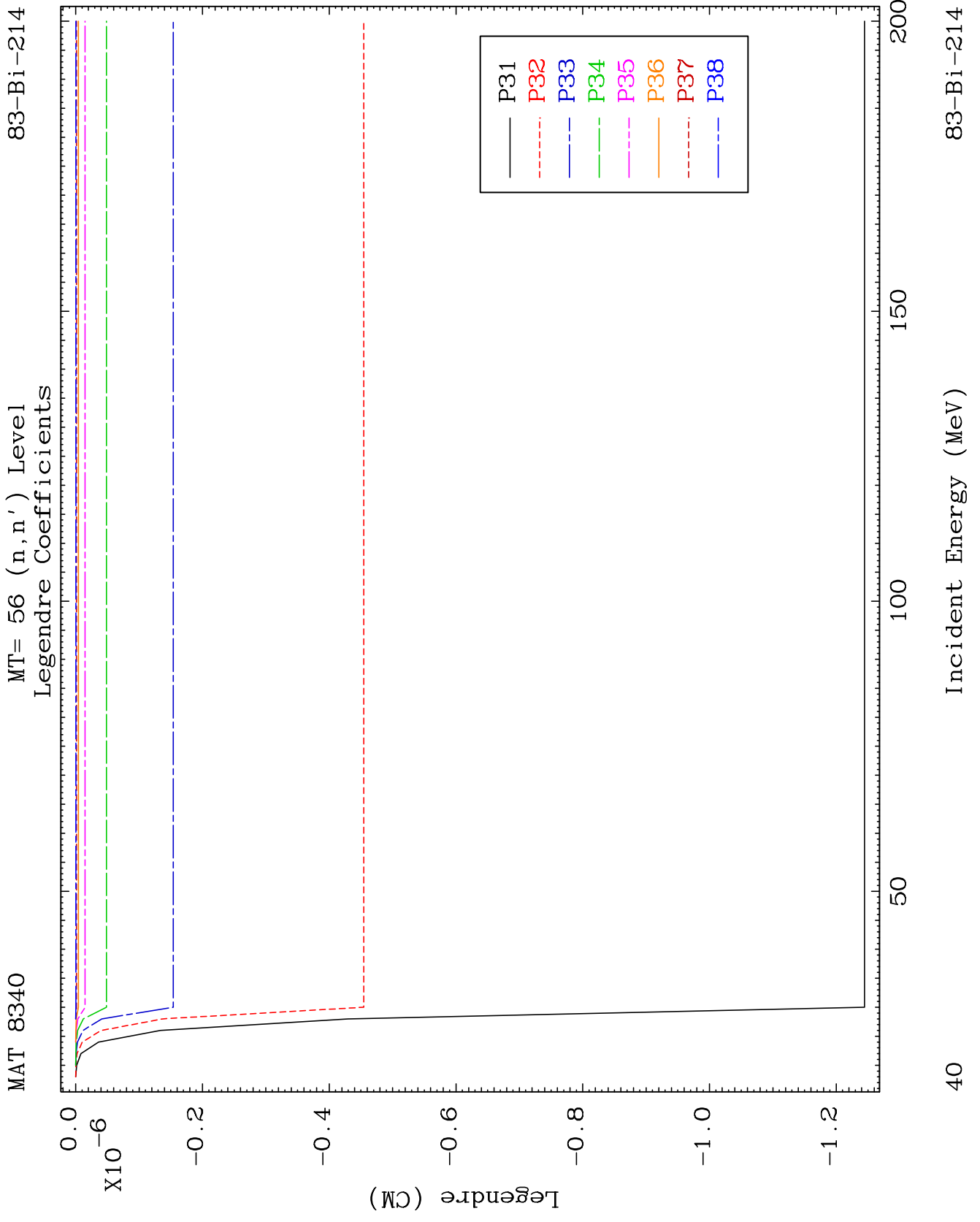
83-Bi-214

MAT 8340

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

83-Bi-214

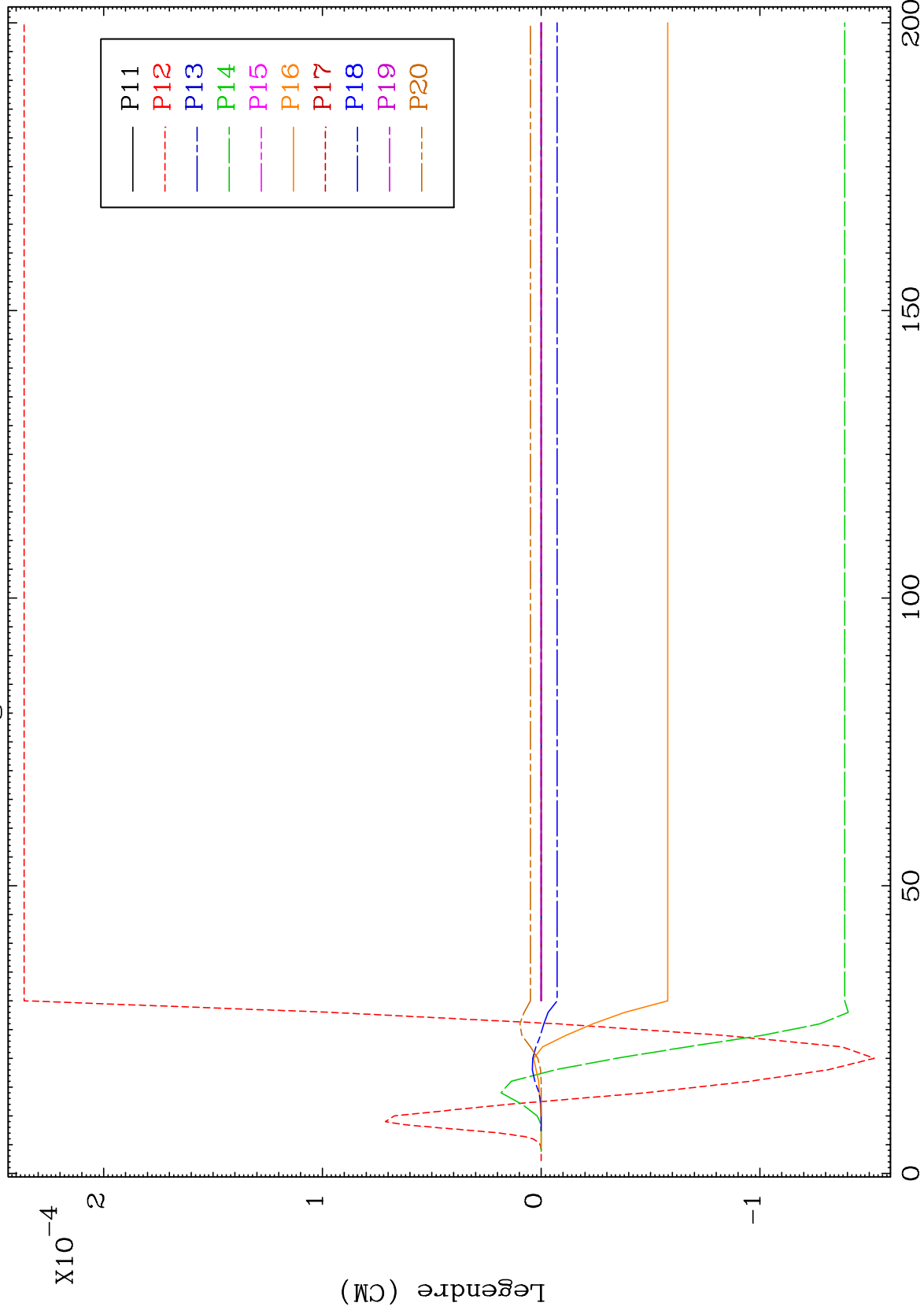




MAT 8340

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

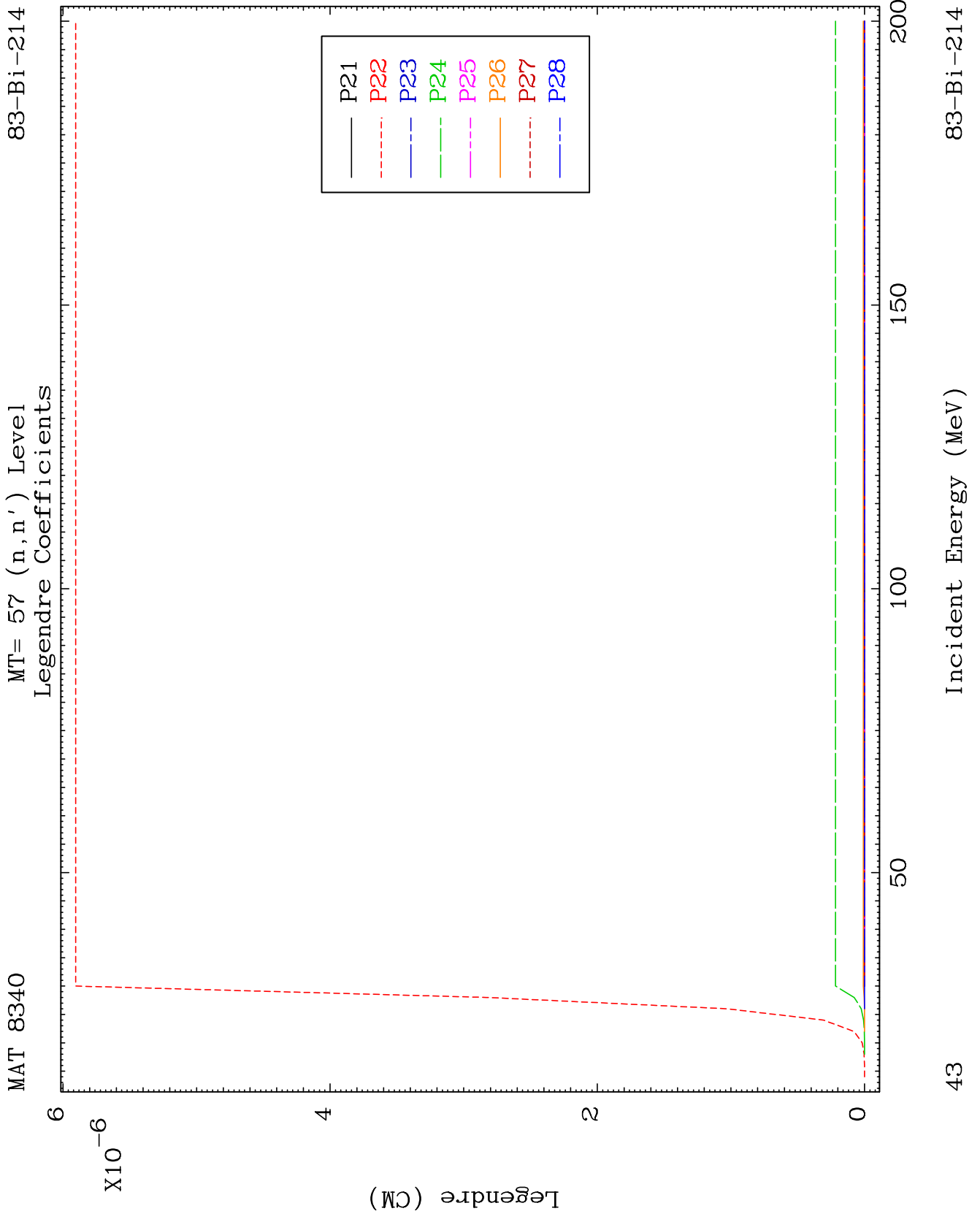
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42

Incident Energy (MeV)

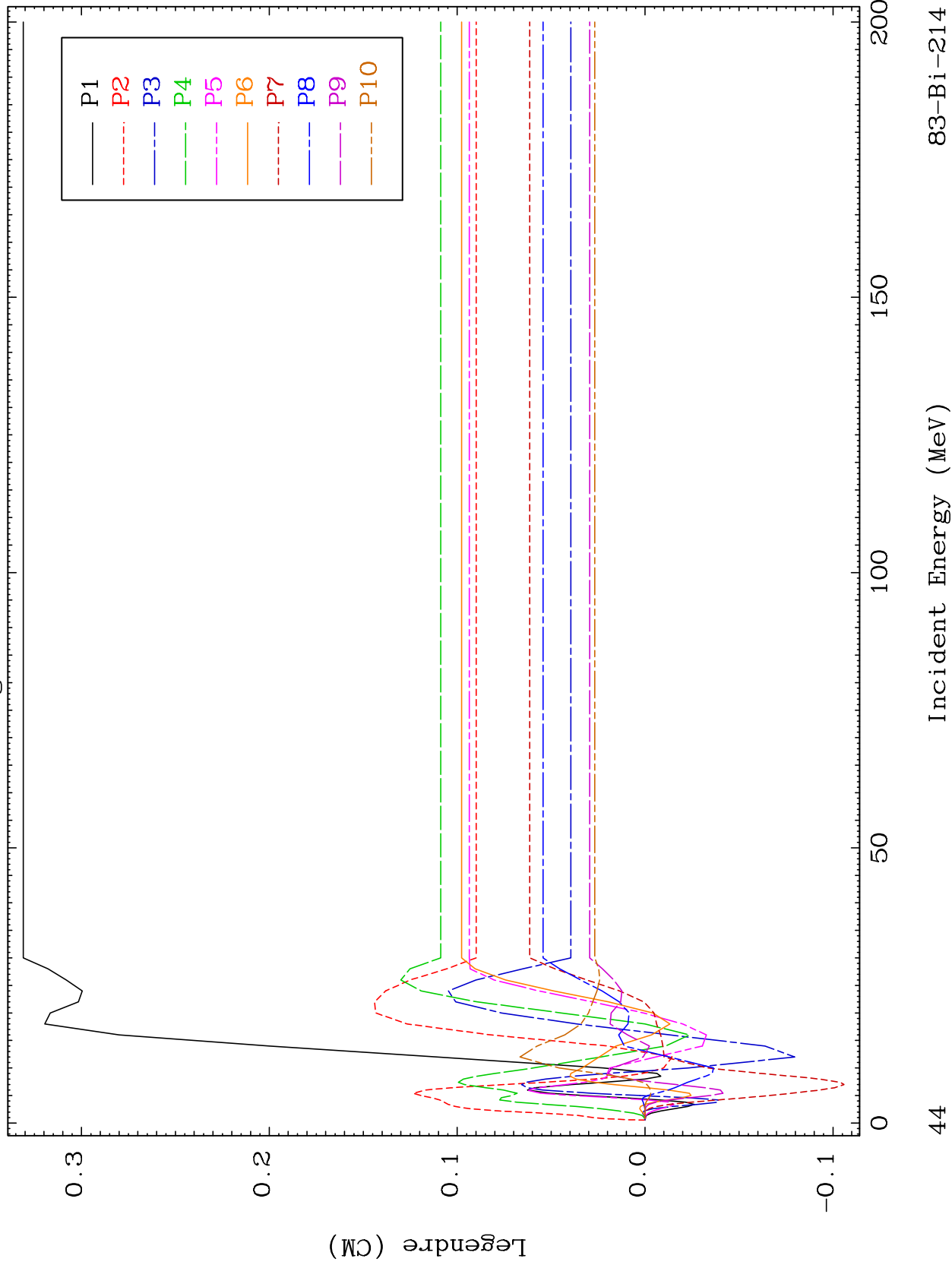
83-Bi-214



MAT 8340

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

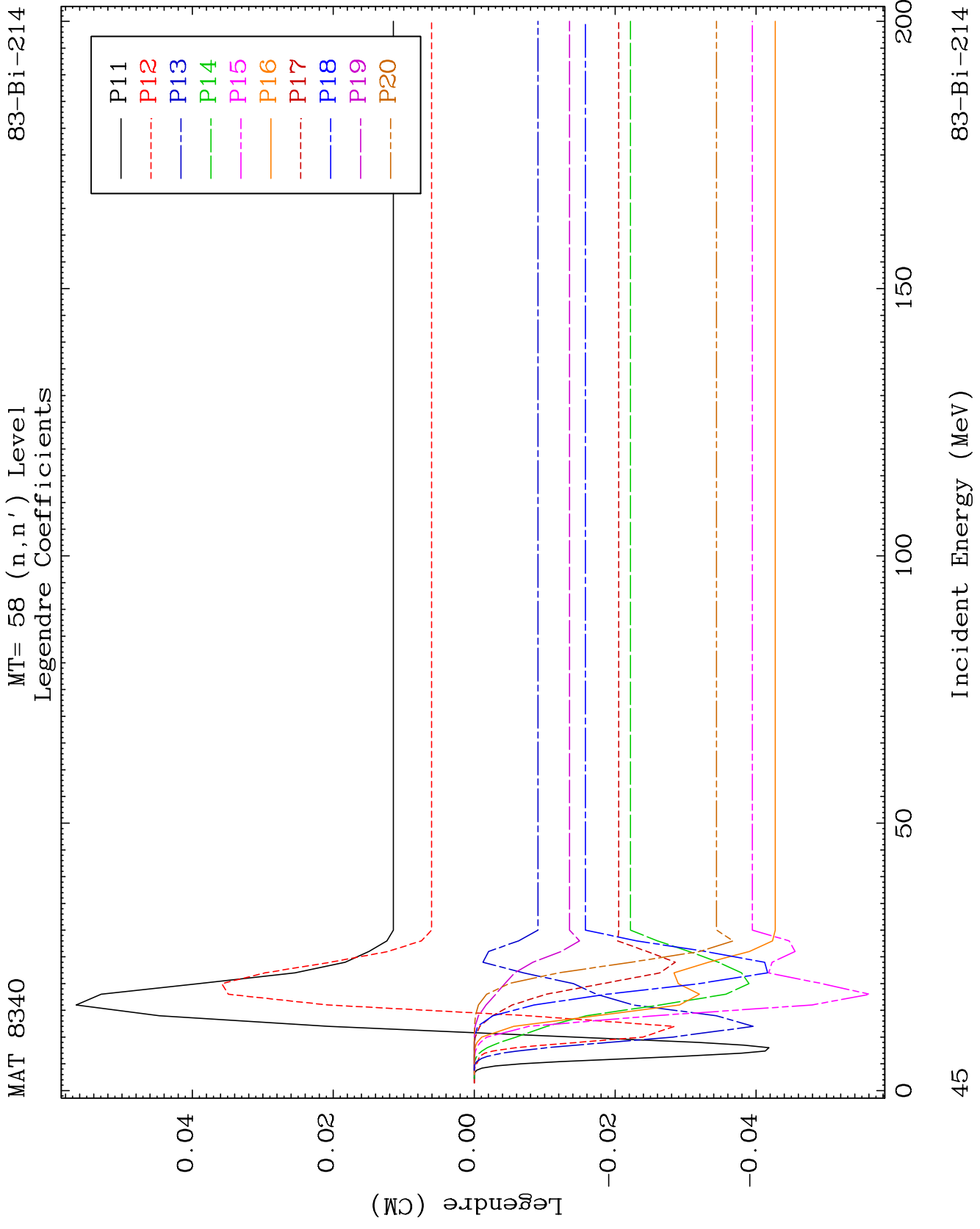
83-Bi-214



44

Incident Energy (MeV)

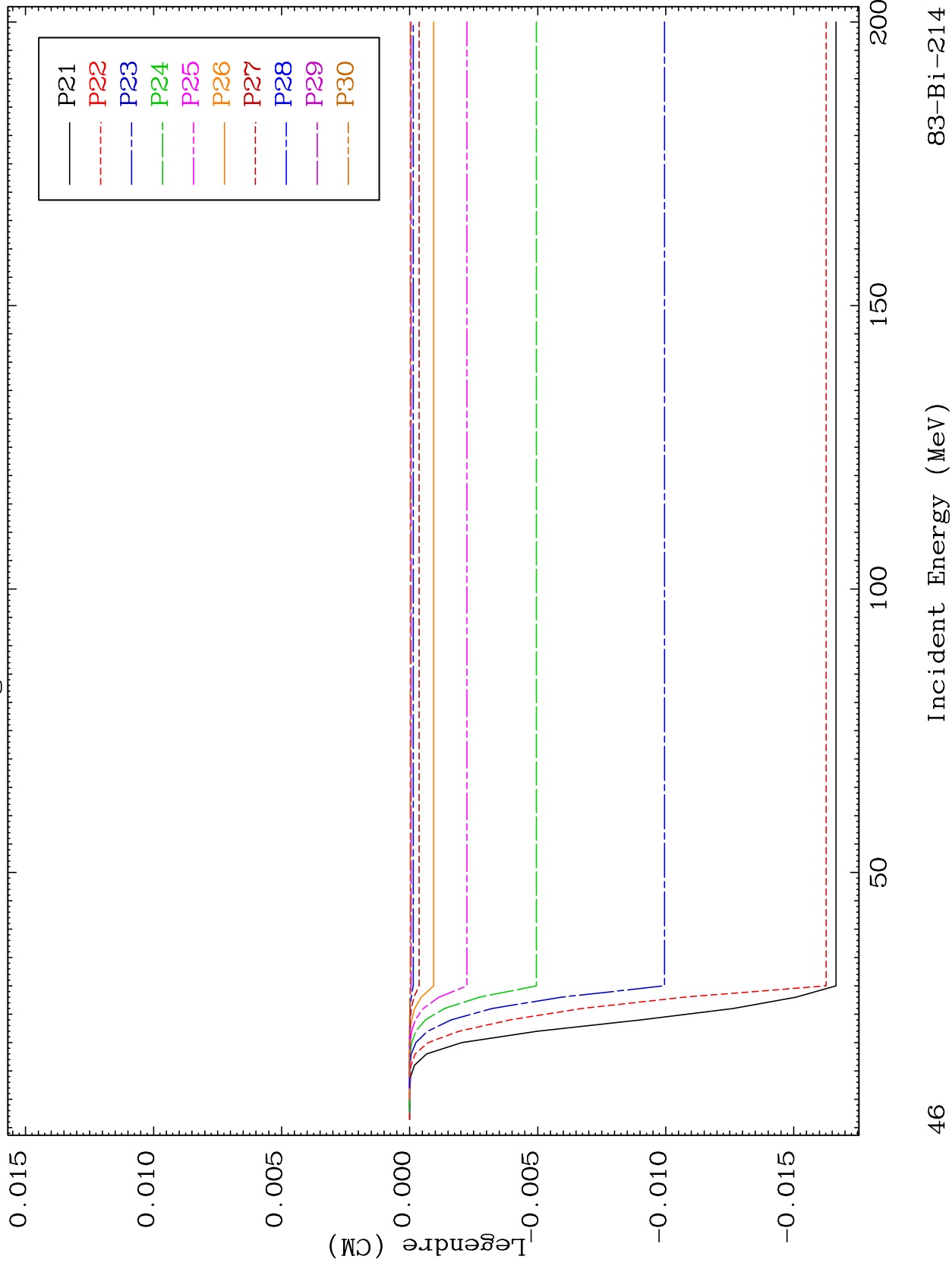
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MAT 8340

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

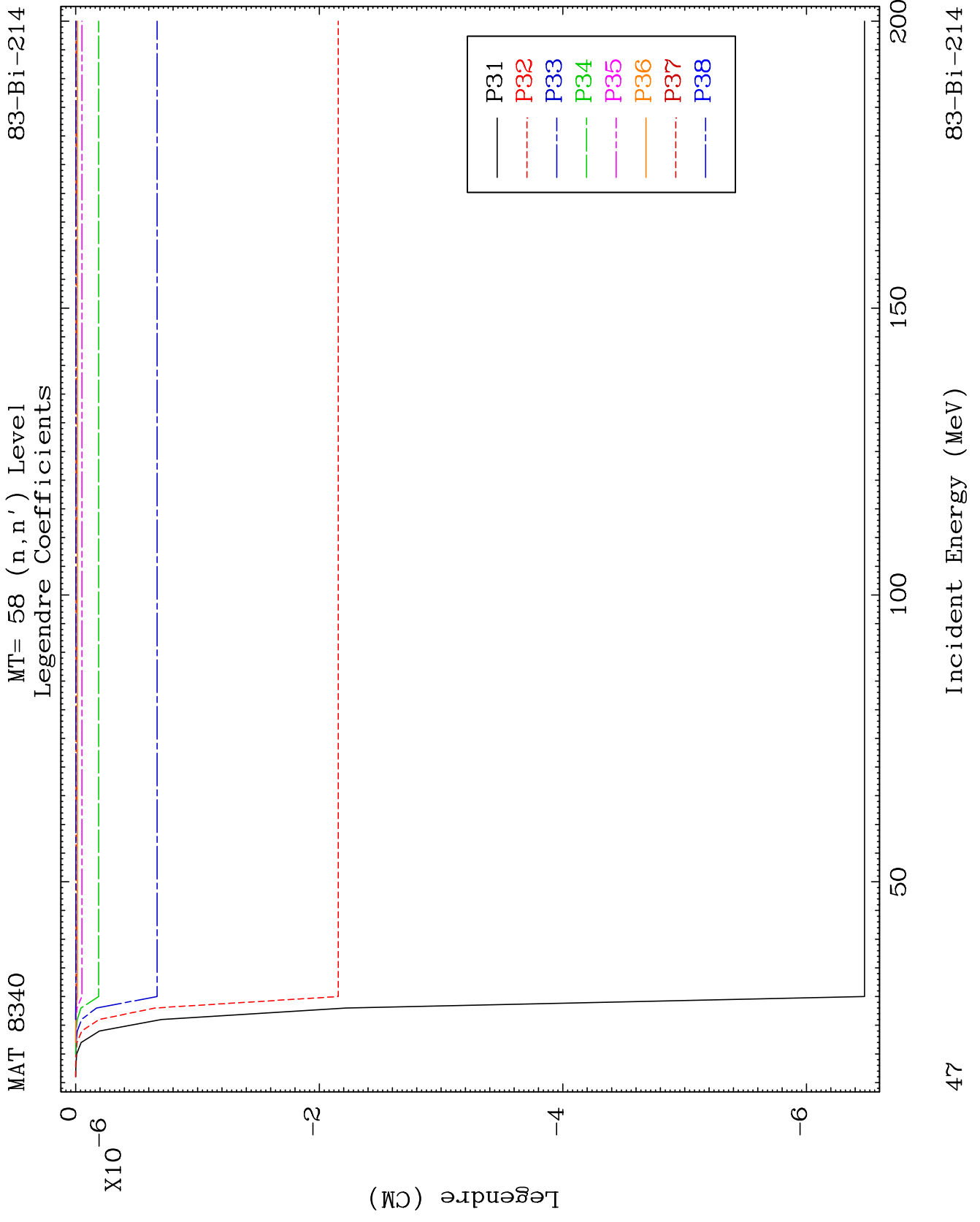
83-Bi-214



46

Incident Energy (MeV)

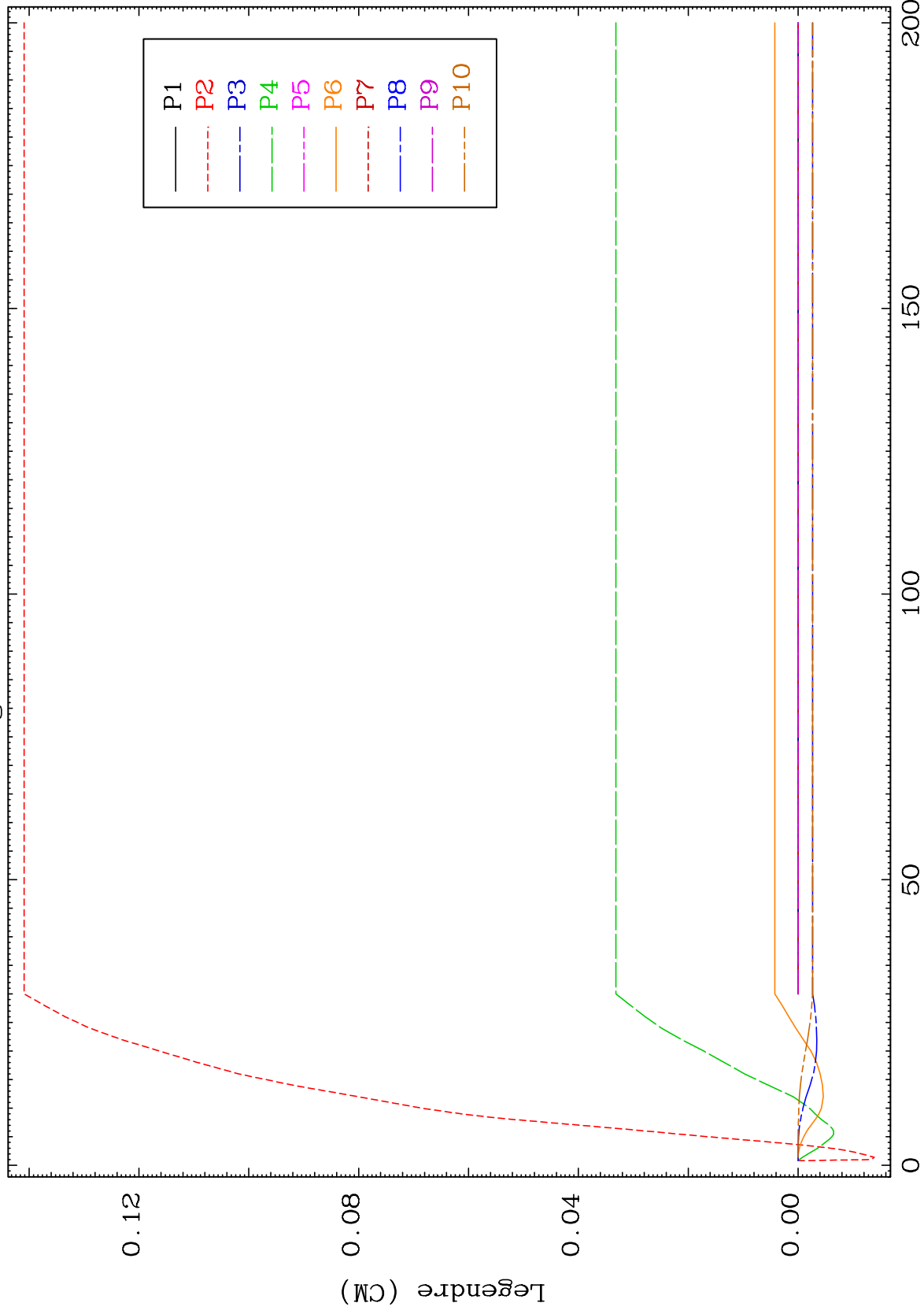
83-Bi-214



MAT 8340

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

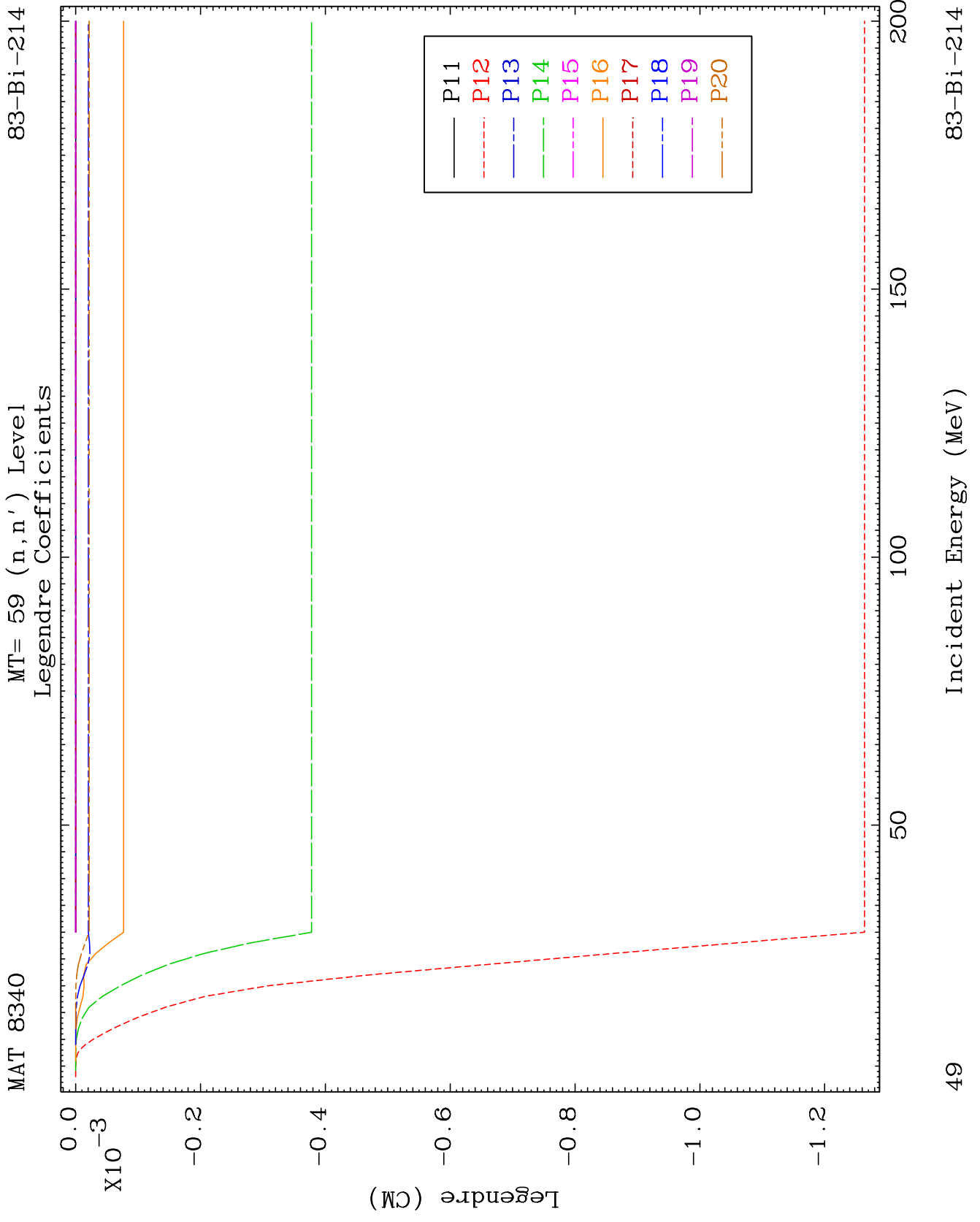
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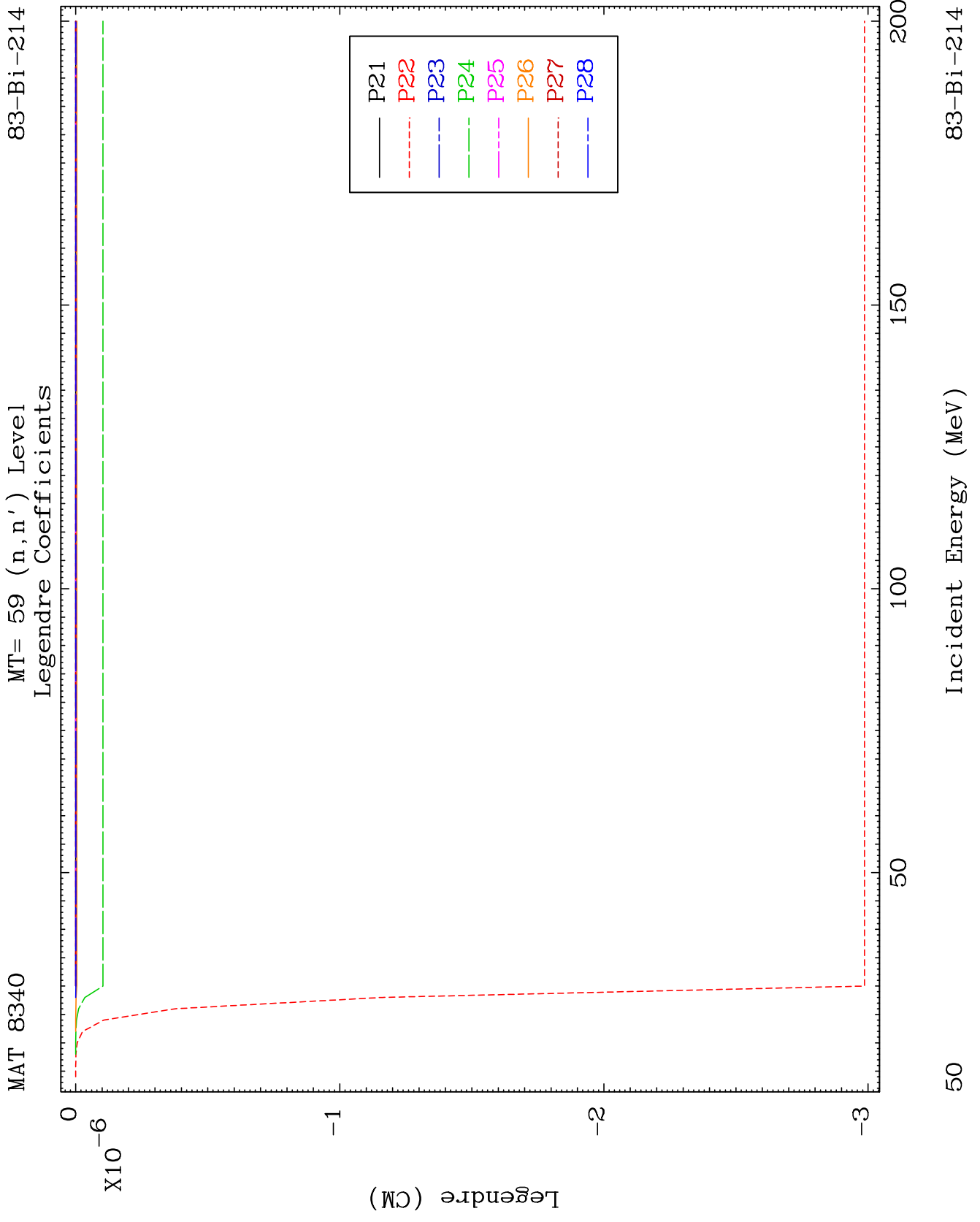


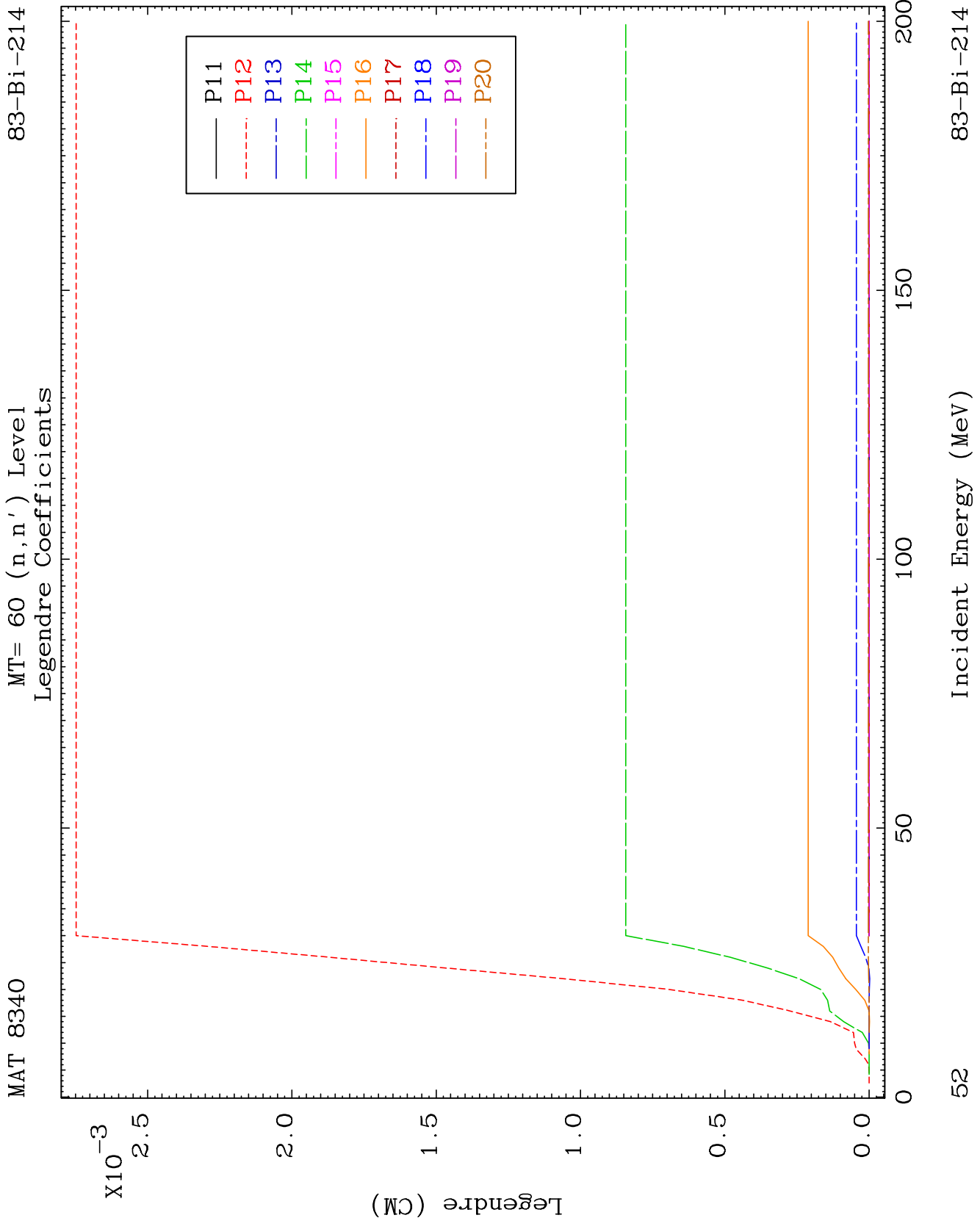
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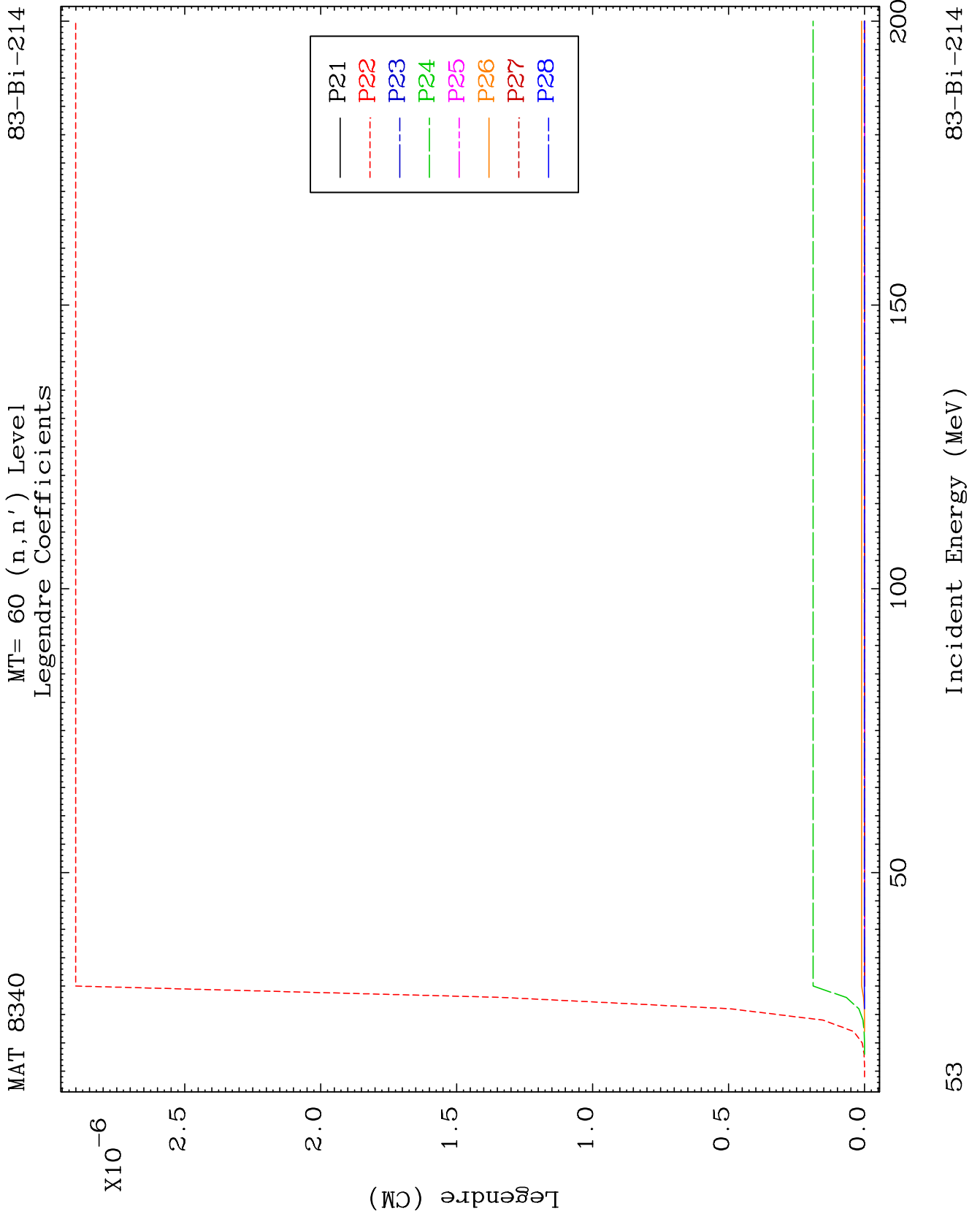
Incident Energy (MeV)

83-Bi-214







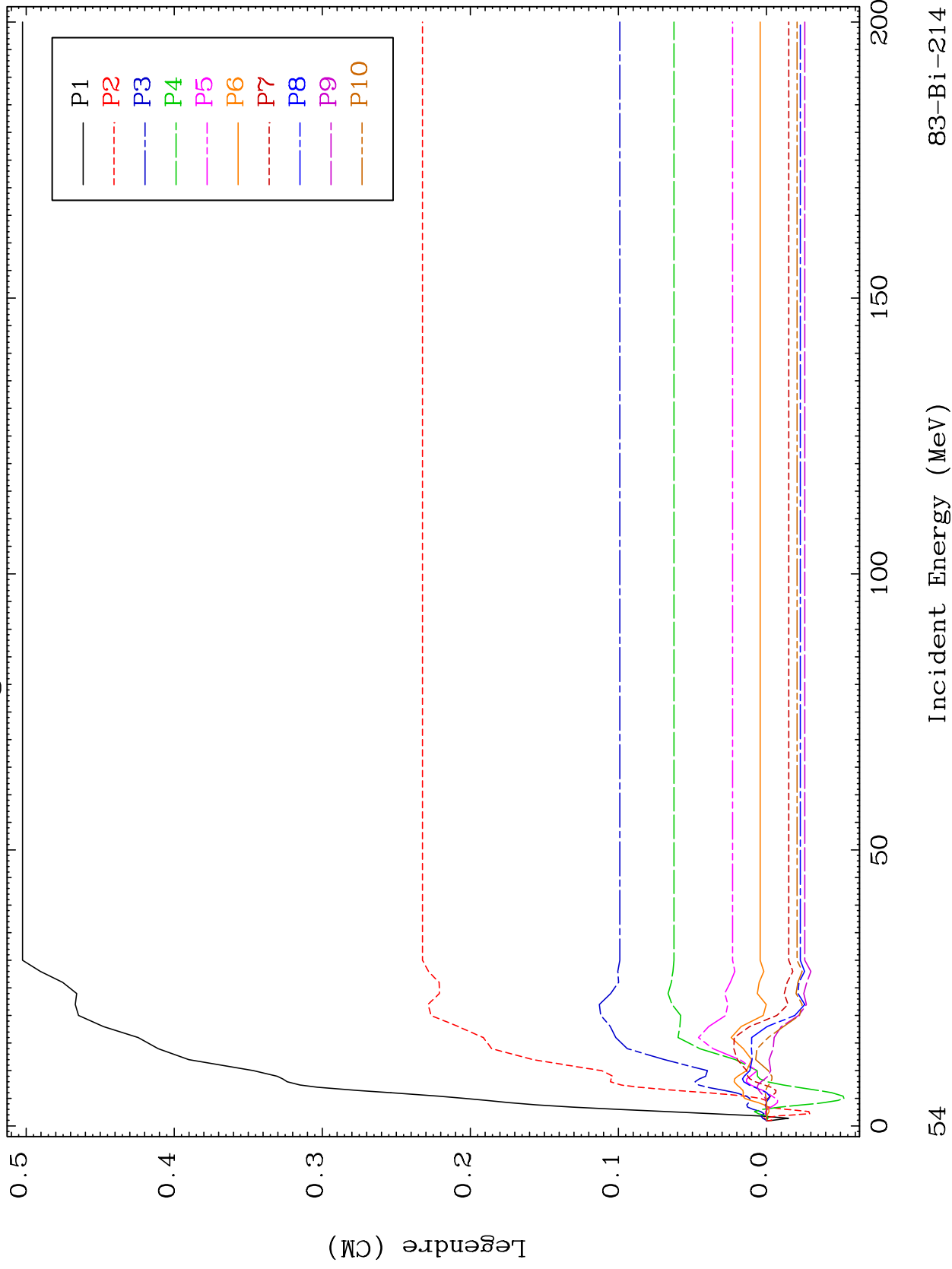


MAT 8340

MT= 61 (n,n') Level

83-Bi-214

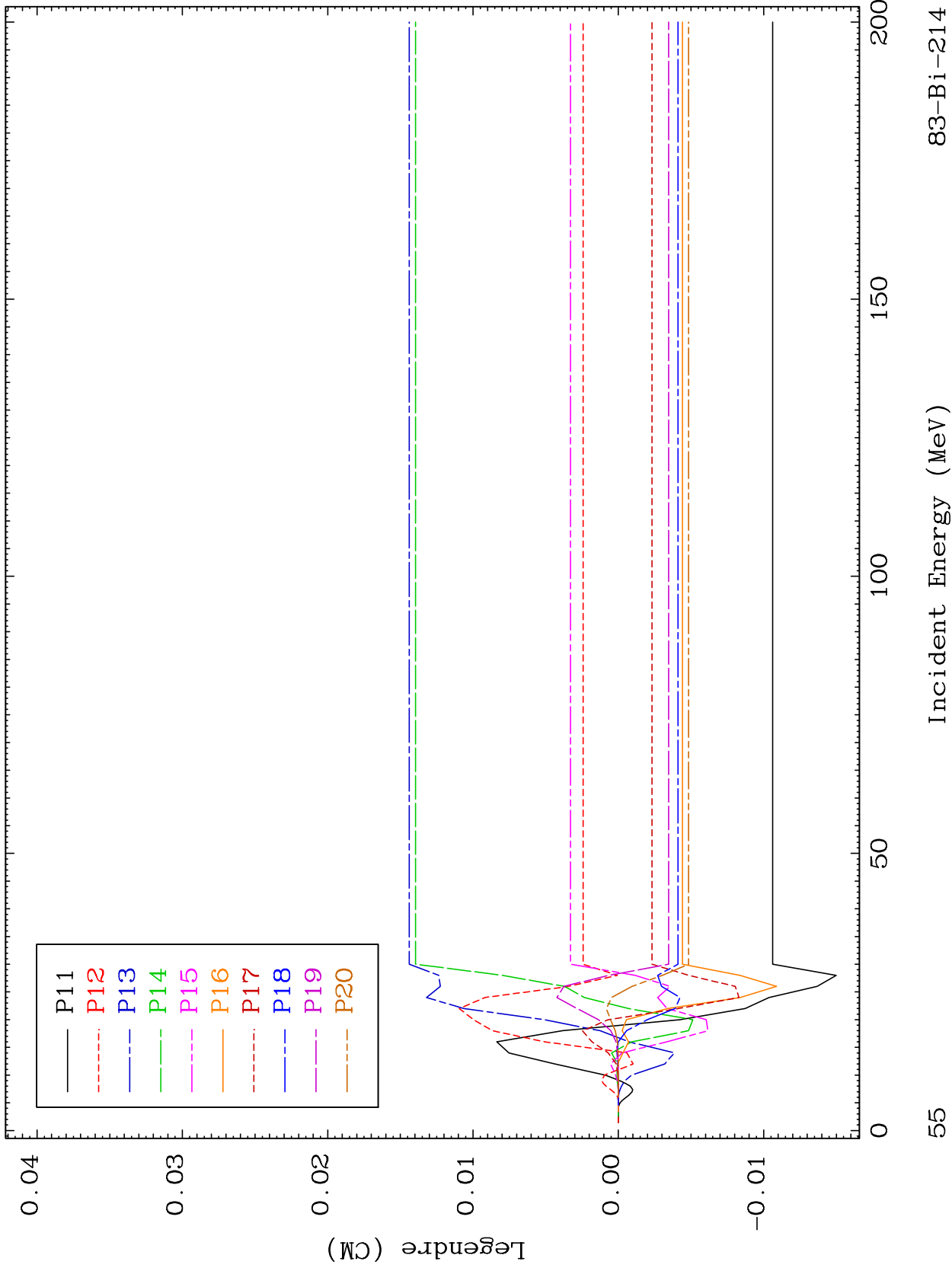
Legendre Coefficients



MAT 8340

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

83-Bi-214



83-Bi-214

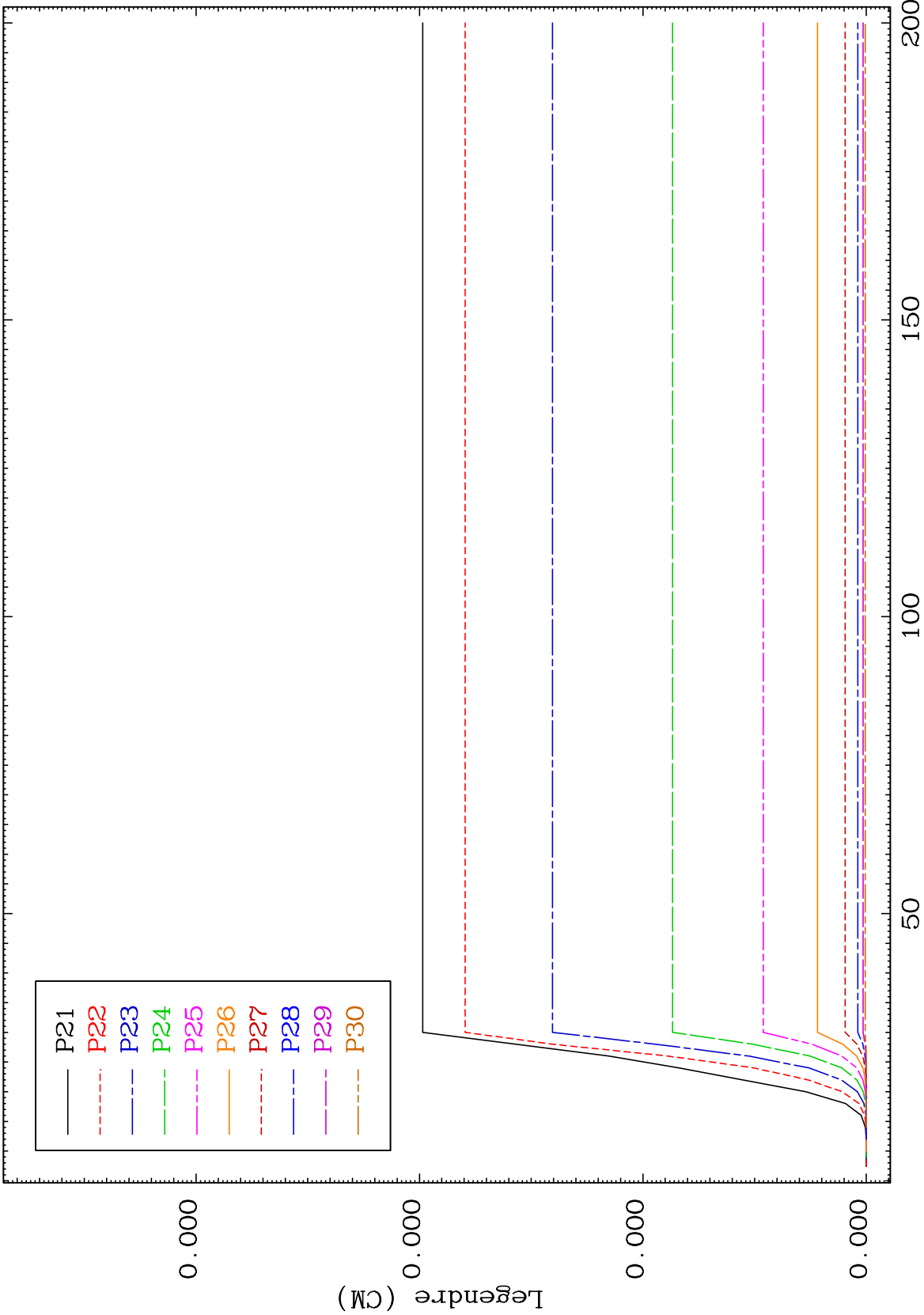
Incident Energy (MeV)

55

MAT 8340

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

83-Bi-214



56

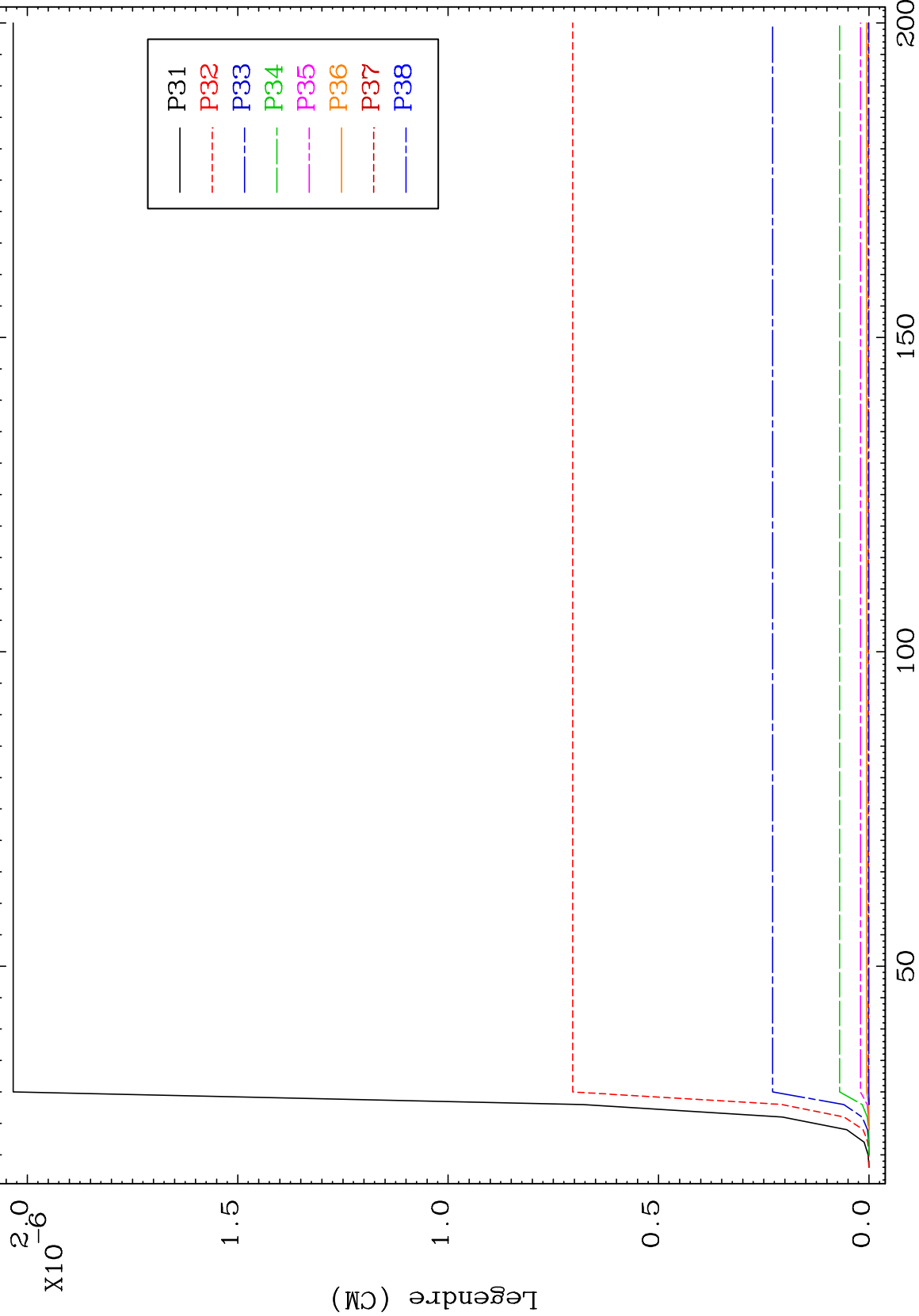
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



57

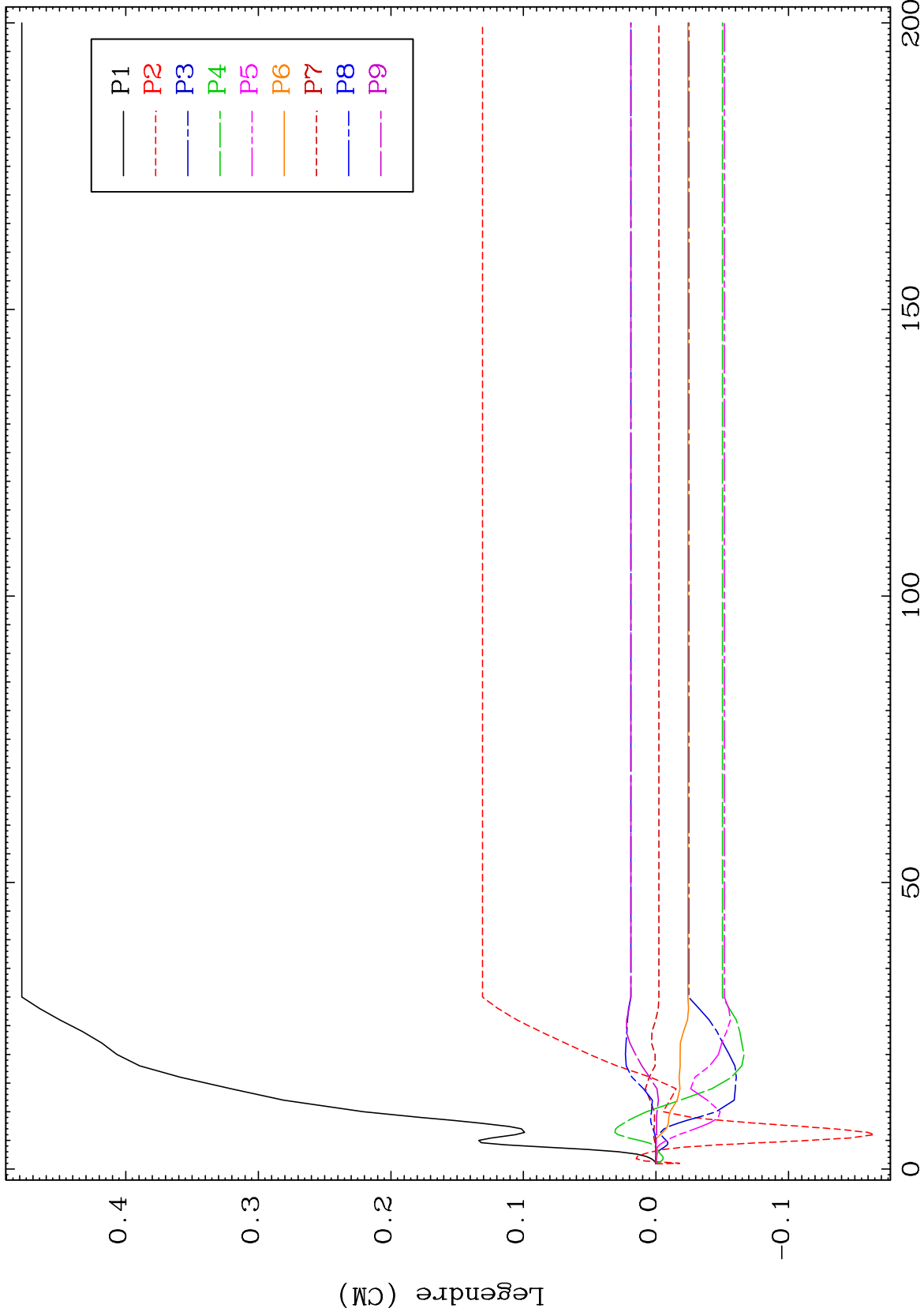
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



58

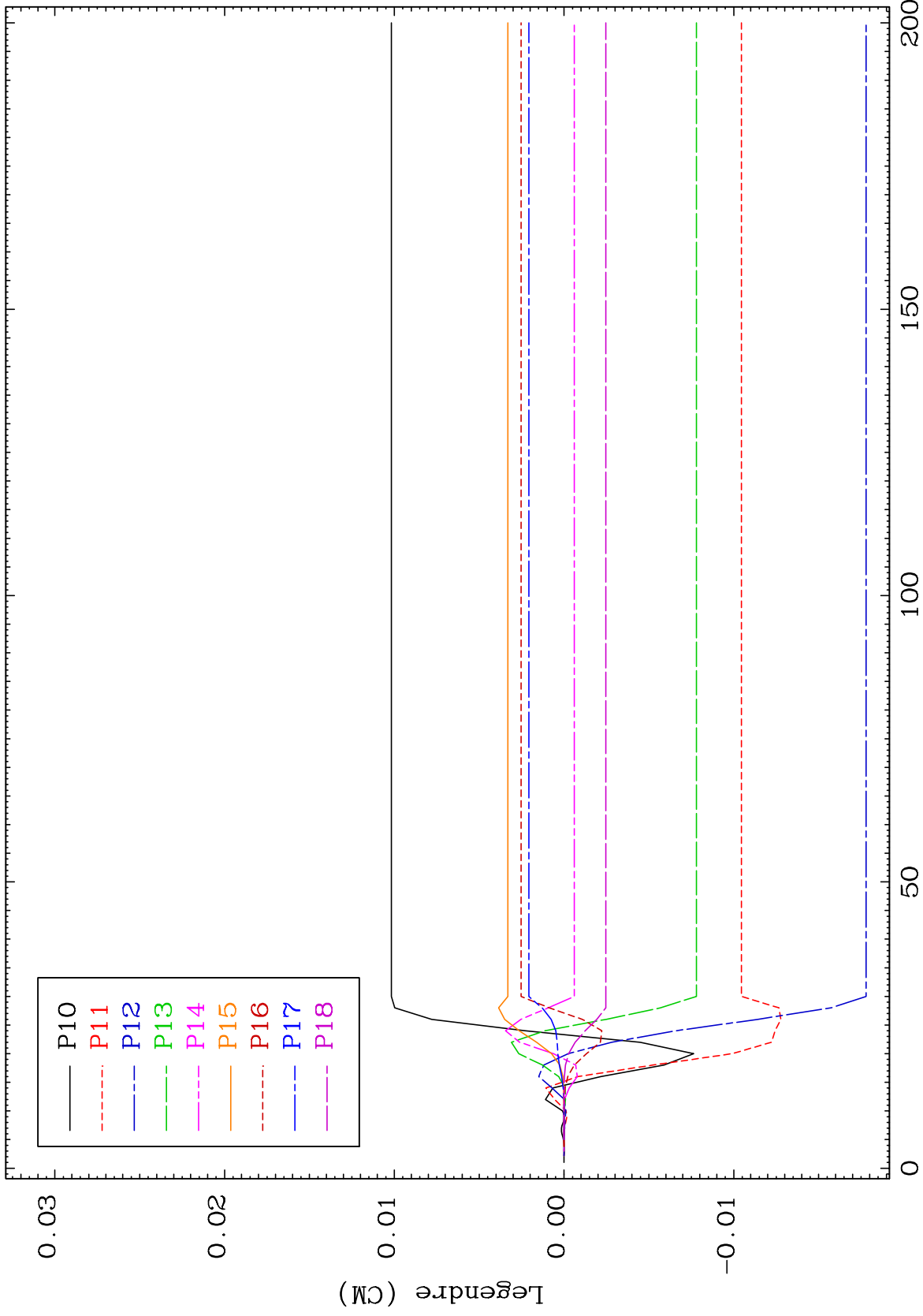
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



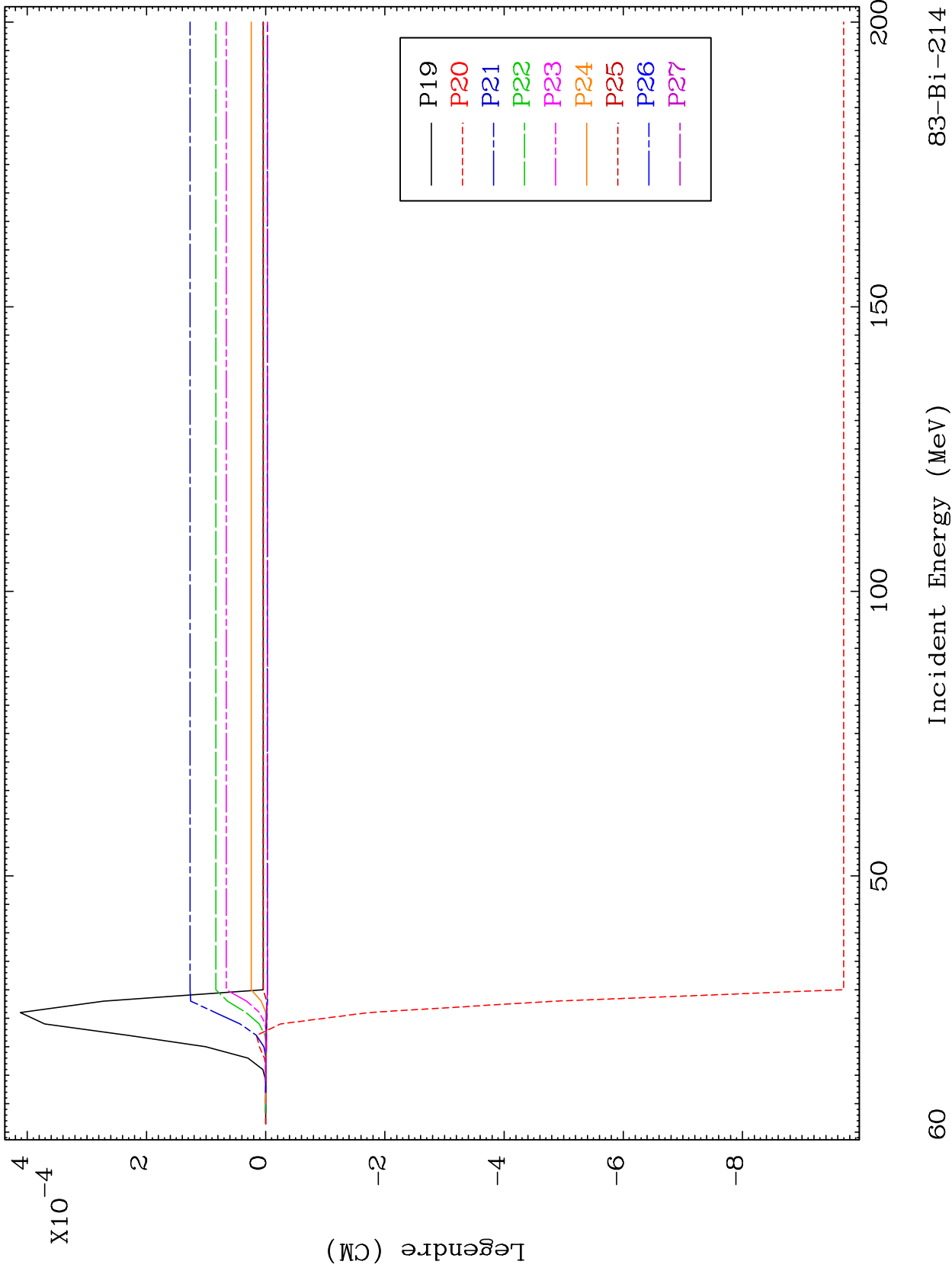
59

83-Bi-214

MAT 8340

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

83-Bi-214



60

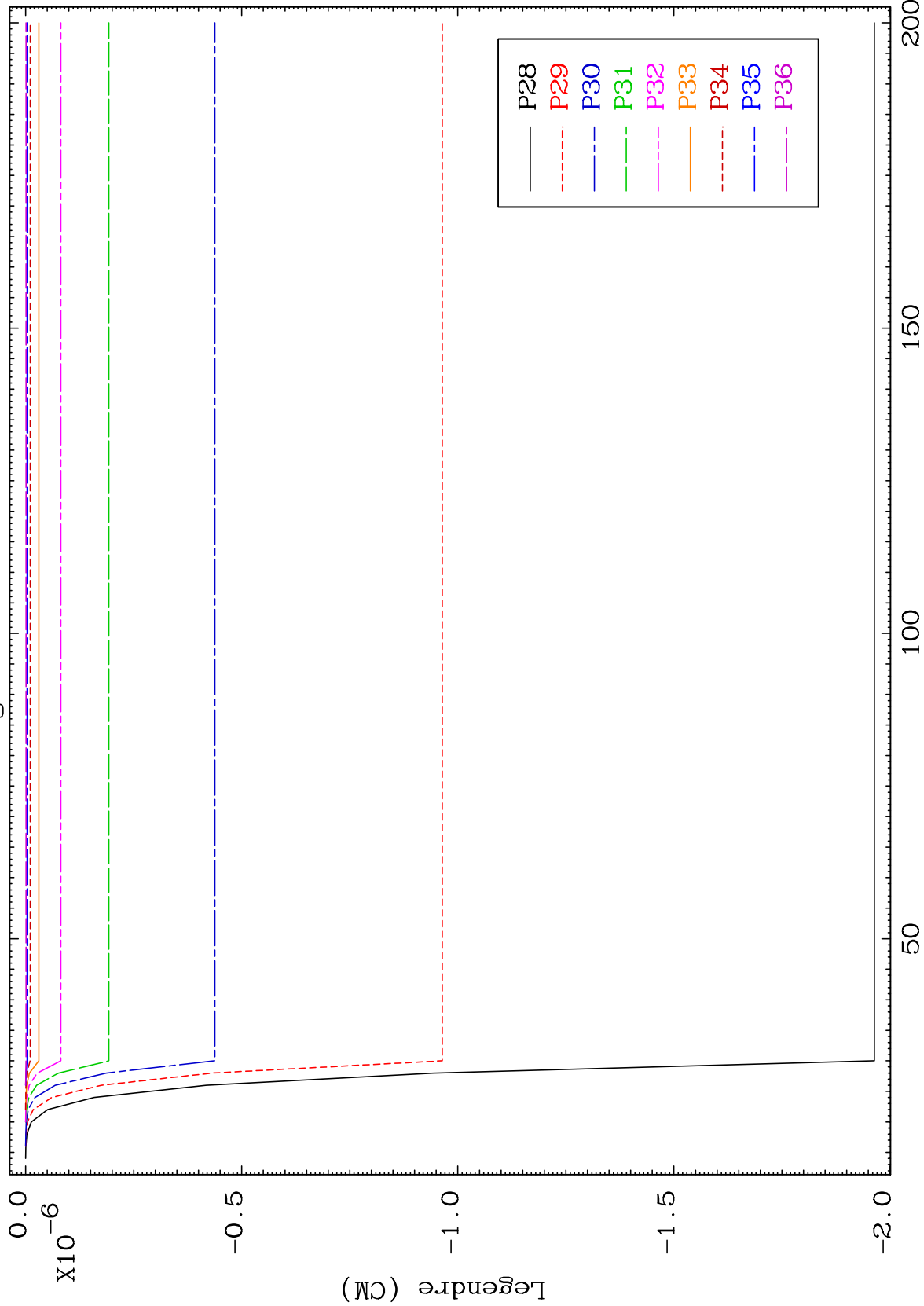
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



61

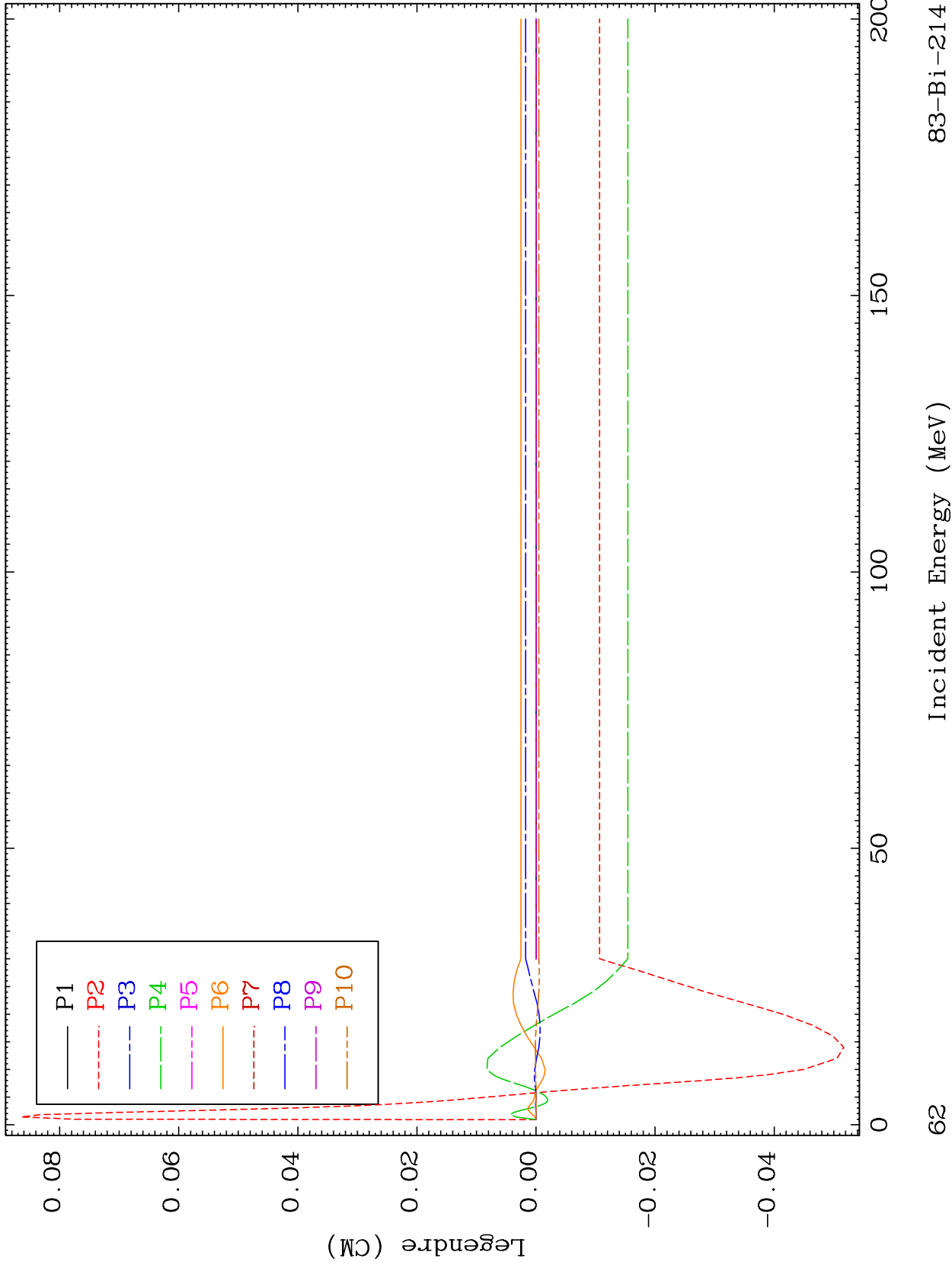
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



83-Bi-214

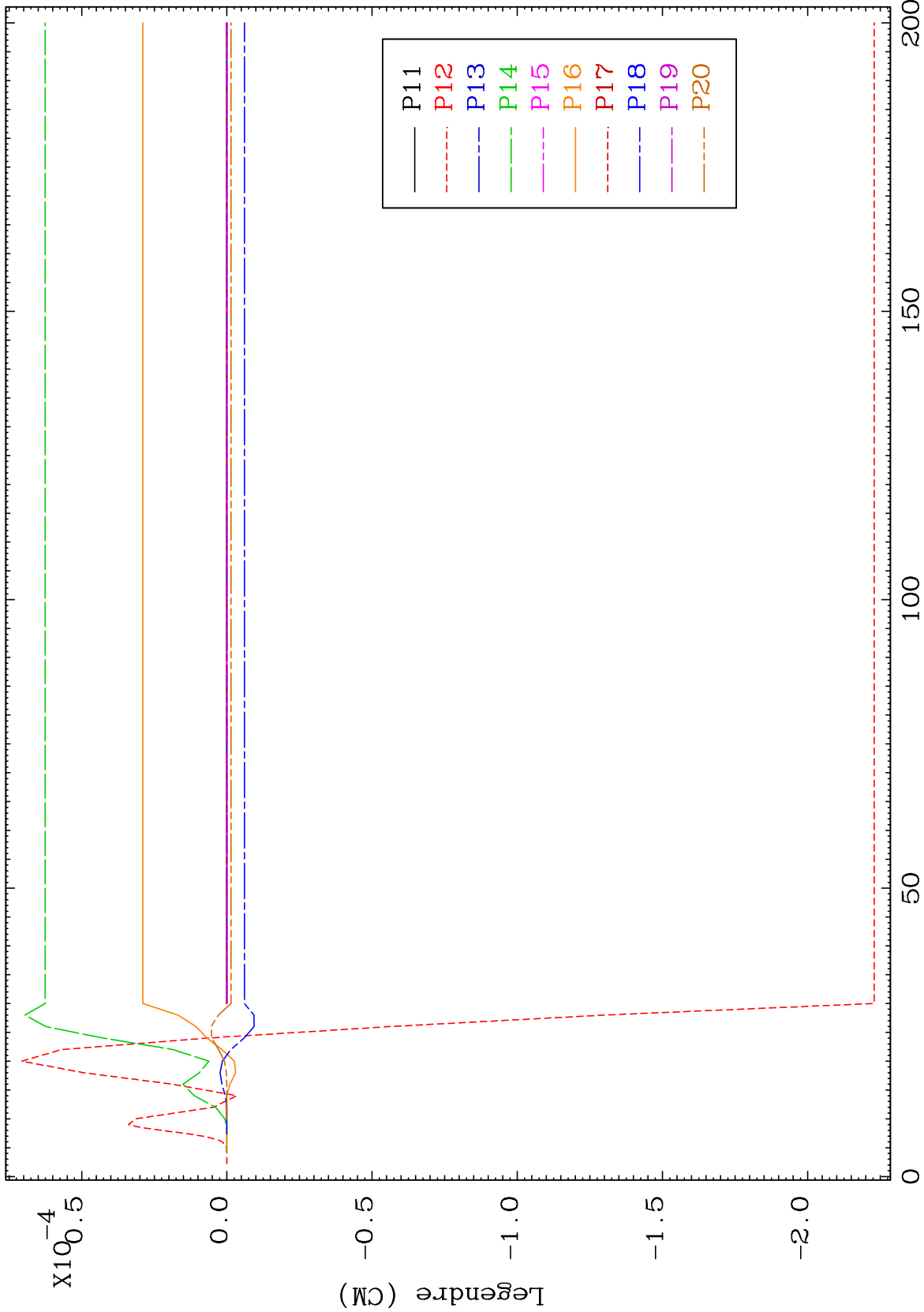
Incident Energy (MeV)

62

MAT 8340

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

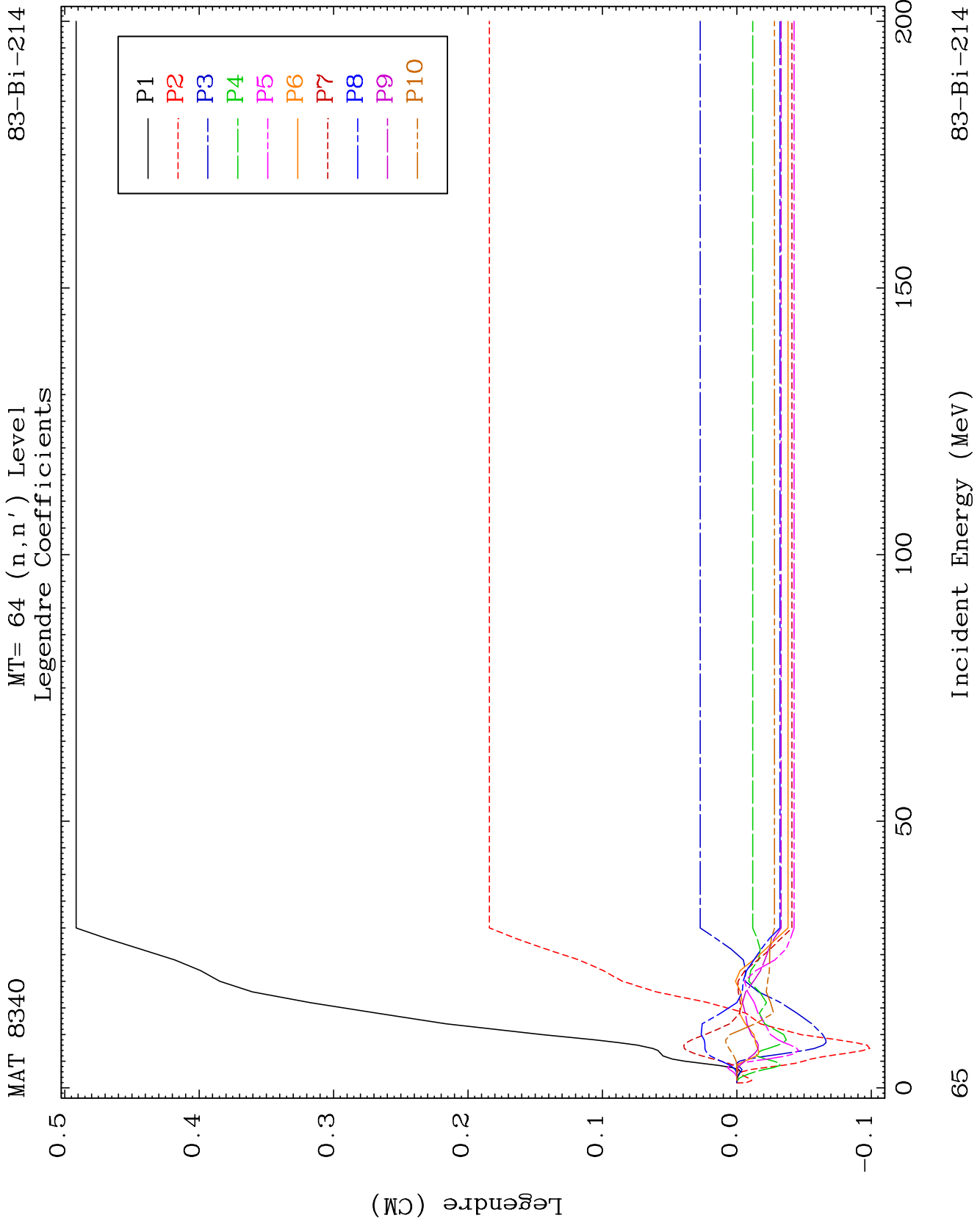
83-Bi-214



63

Incident Energy (MeV)

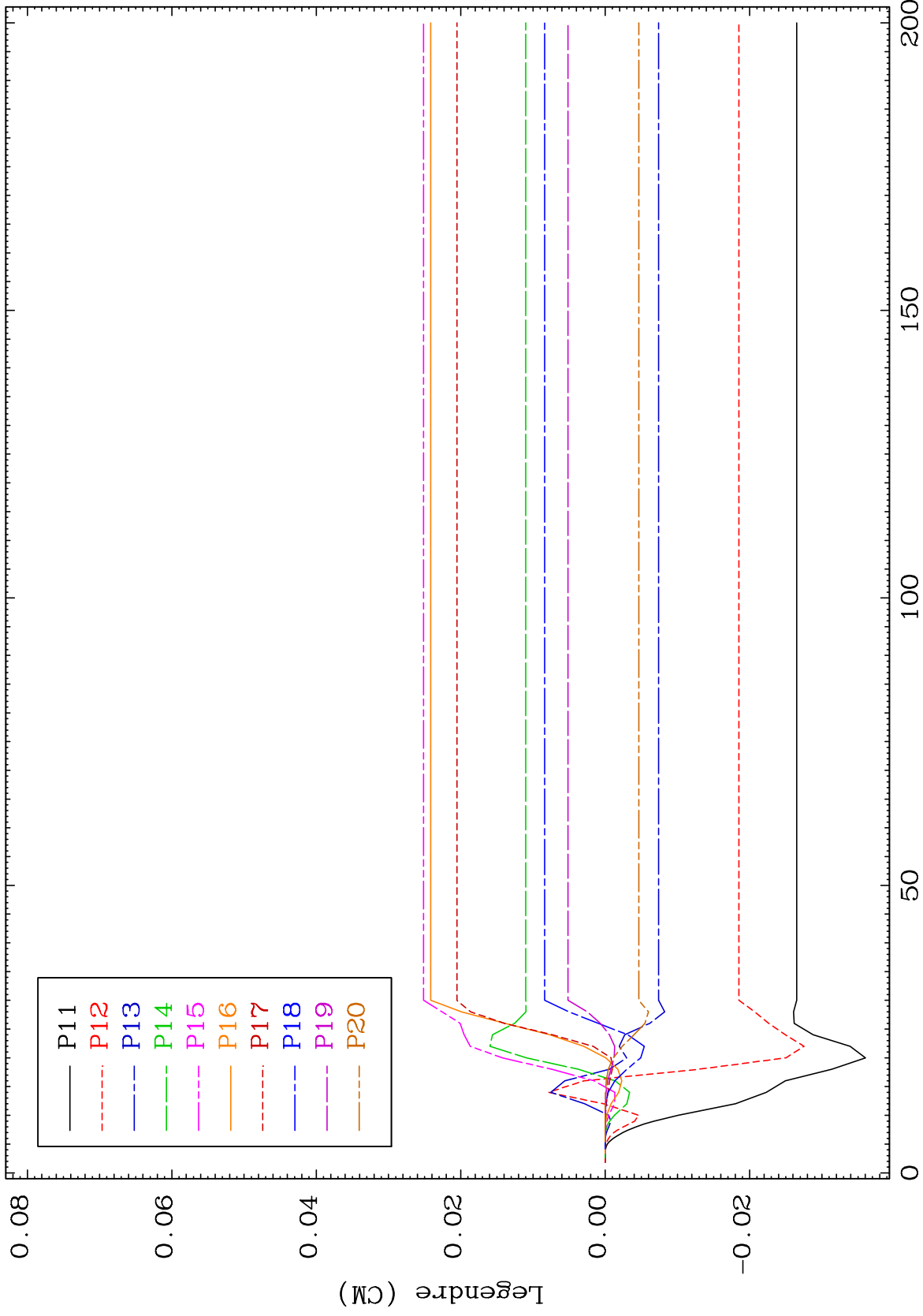
83-Bi-214



MAT 8340

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

83-Bi-214



66

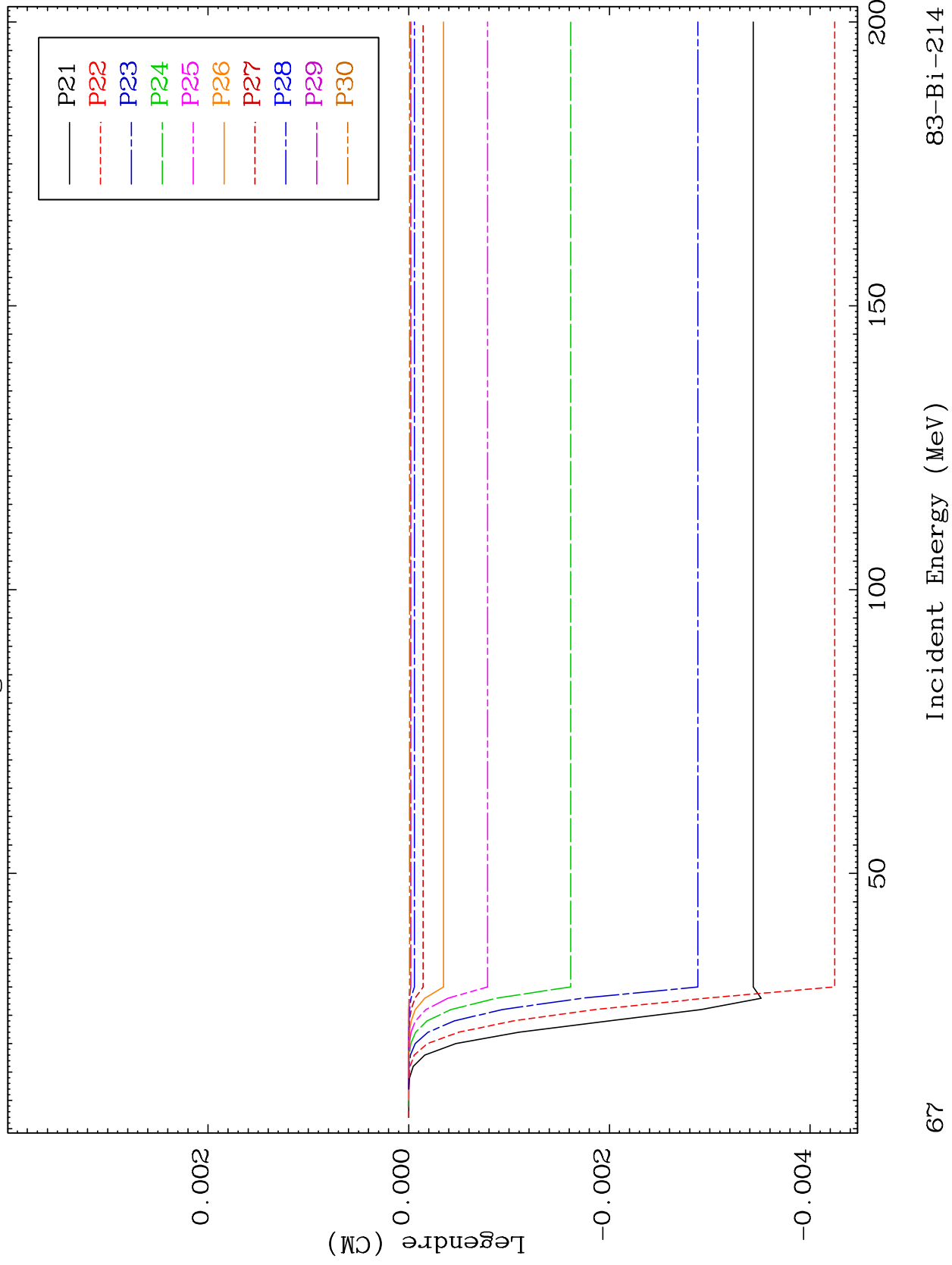
Incident Energy (MeV)

83-Bi-214

MAT 8340

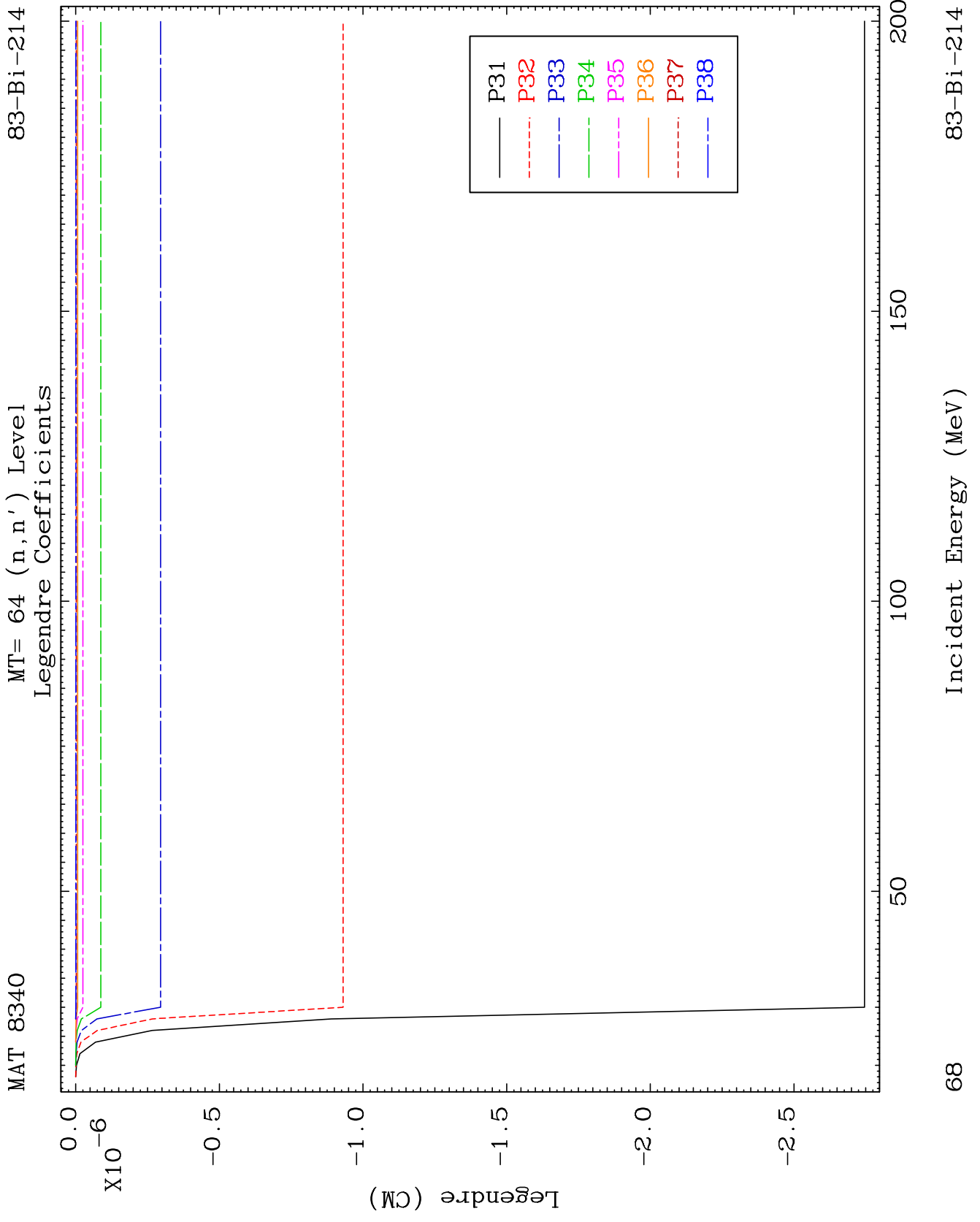
MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-214



67

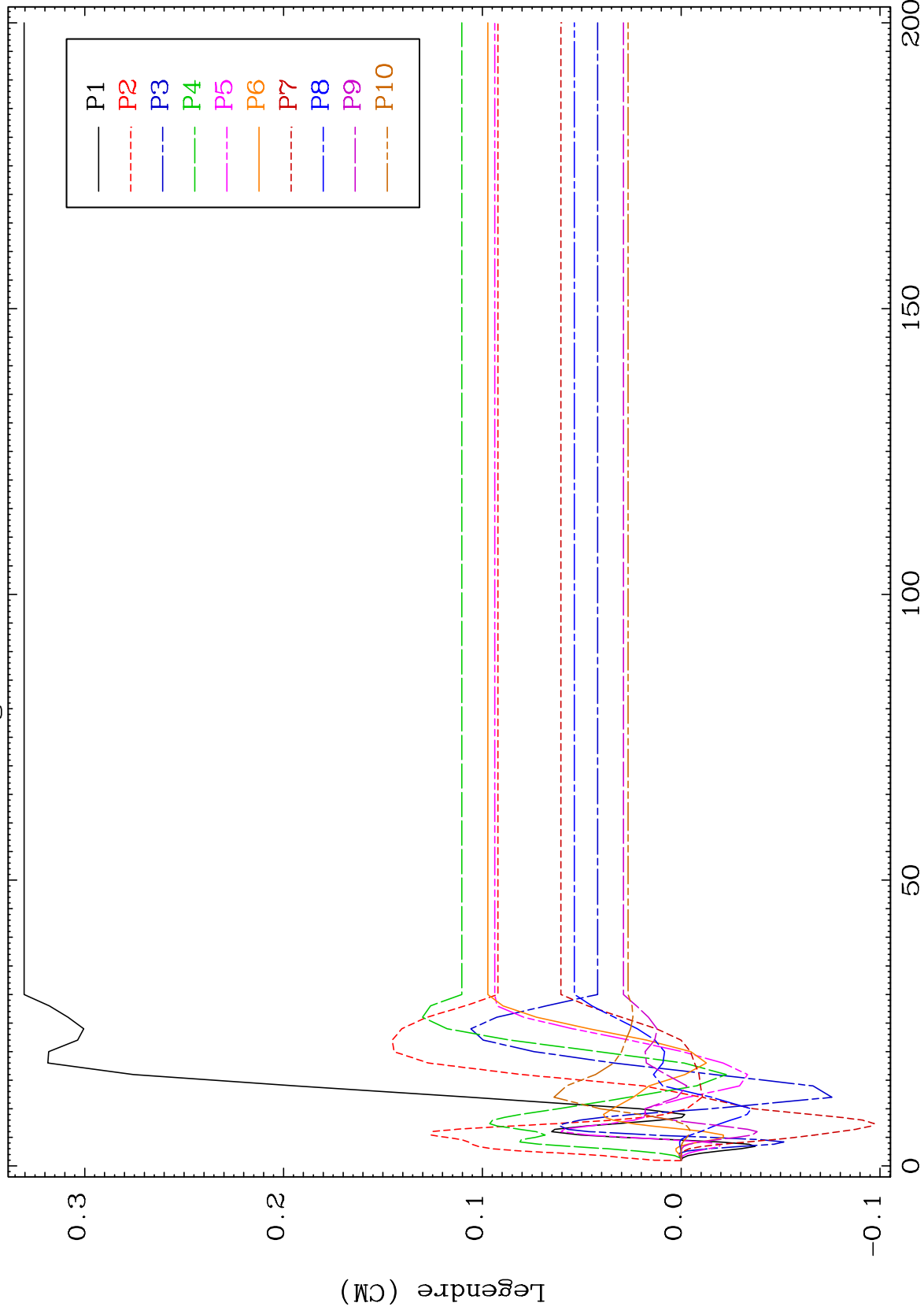
83-Bi-214



MAT 8340

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

83-Bi-214



69

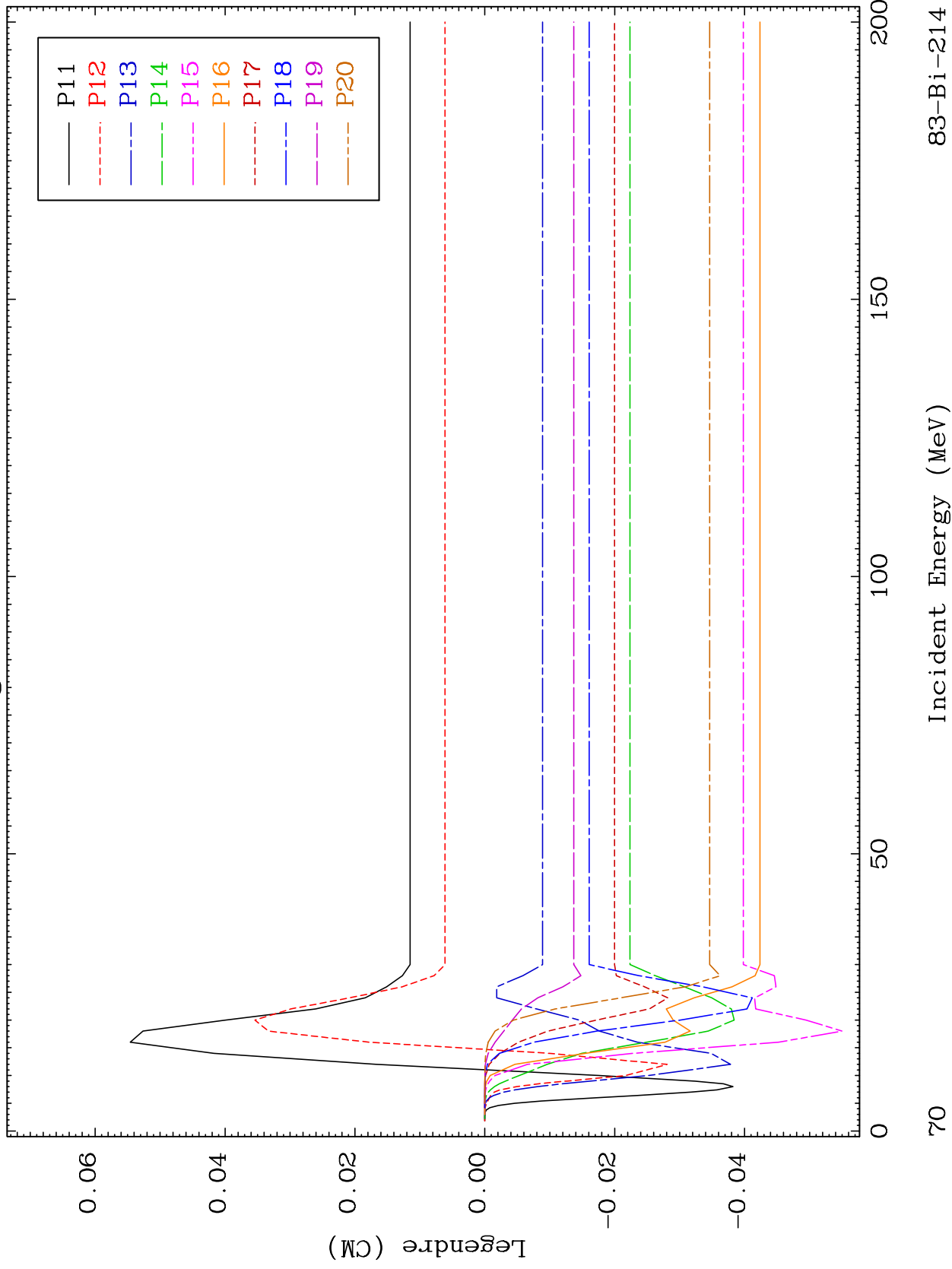
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

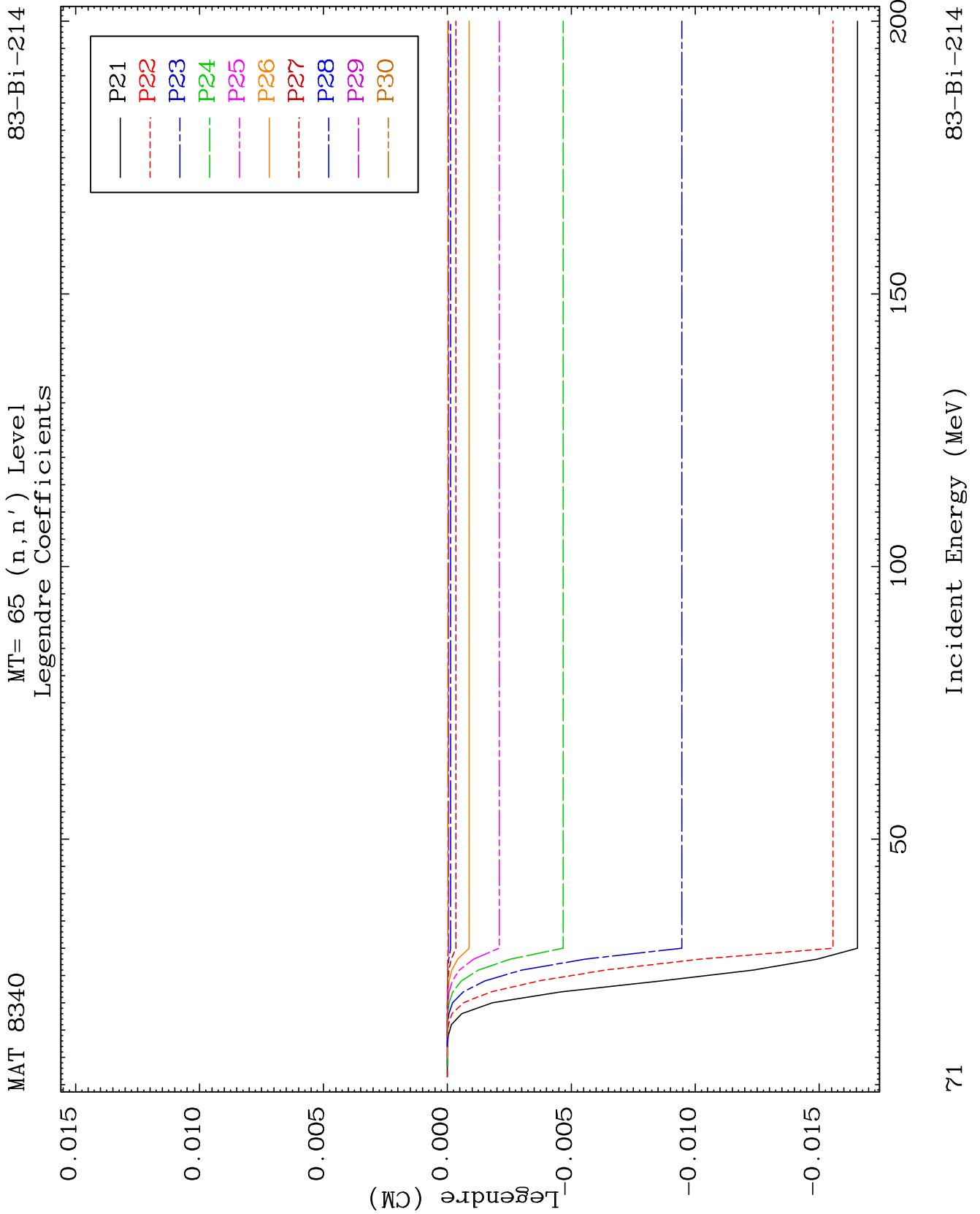
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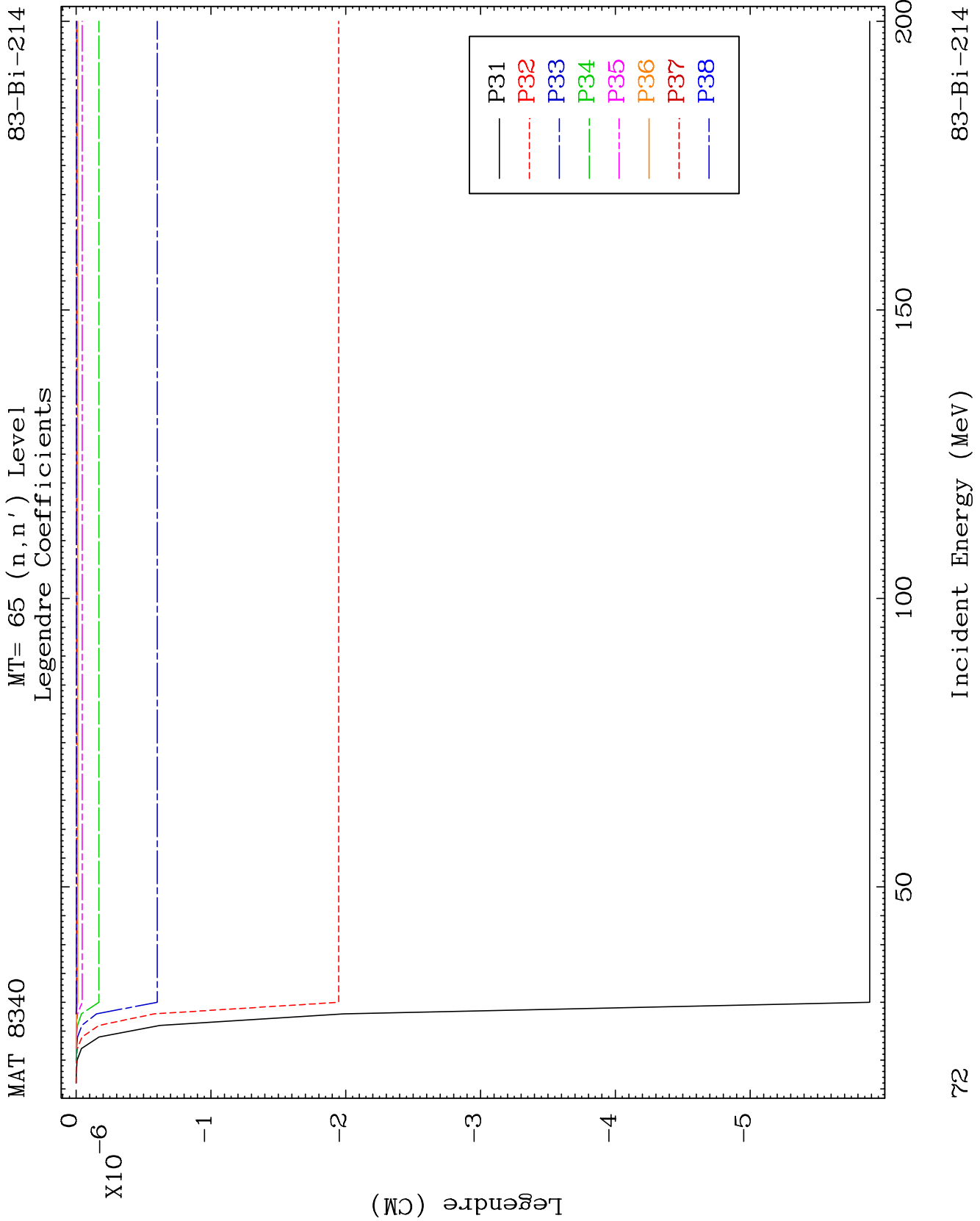


83-Bi-214

Incident Energy (MeV)

70

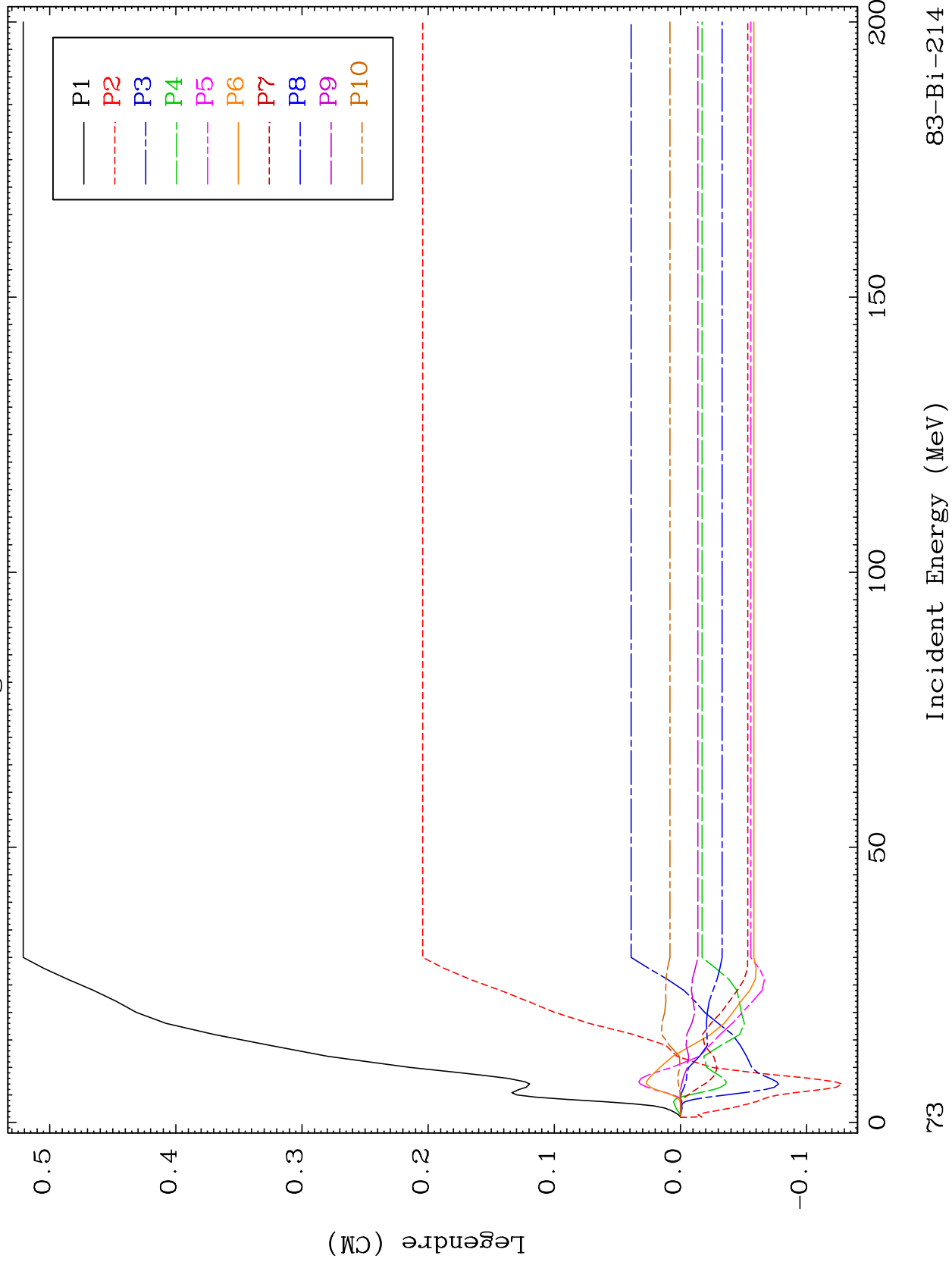




MAT 8340

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

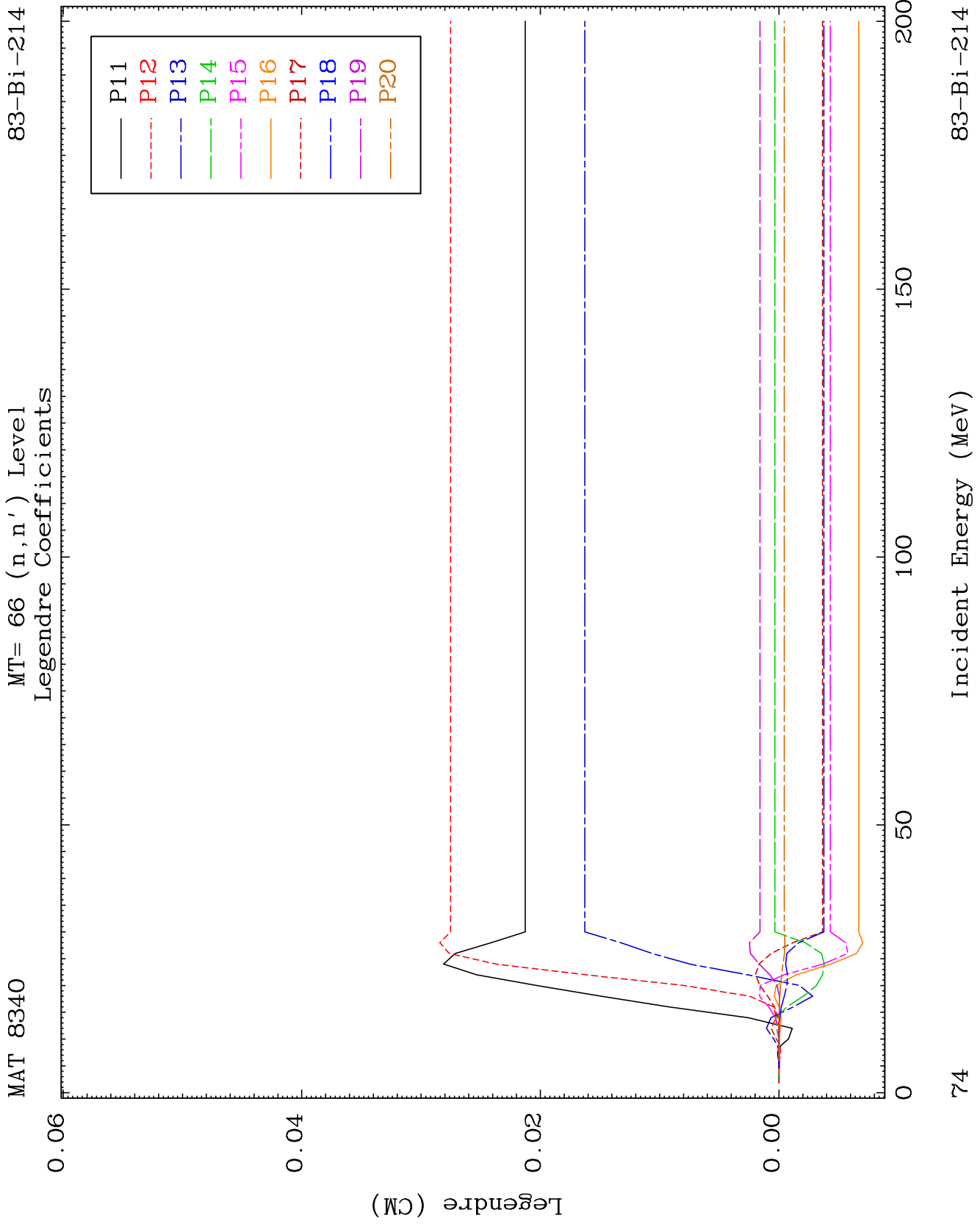
83-Bi-214



83-Bi-214

Incident Energy (MeV)

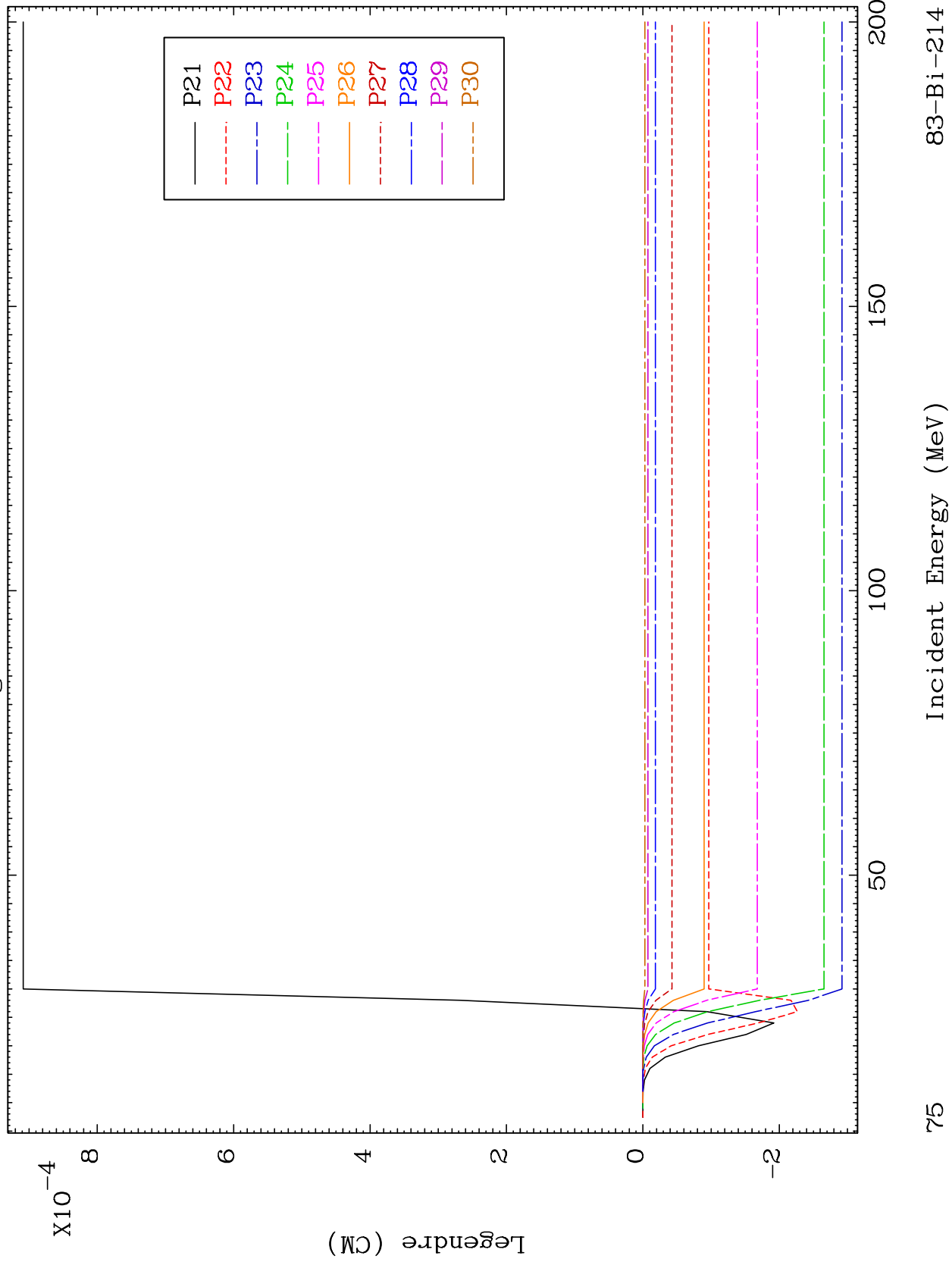
73

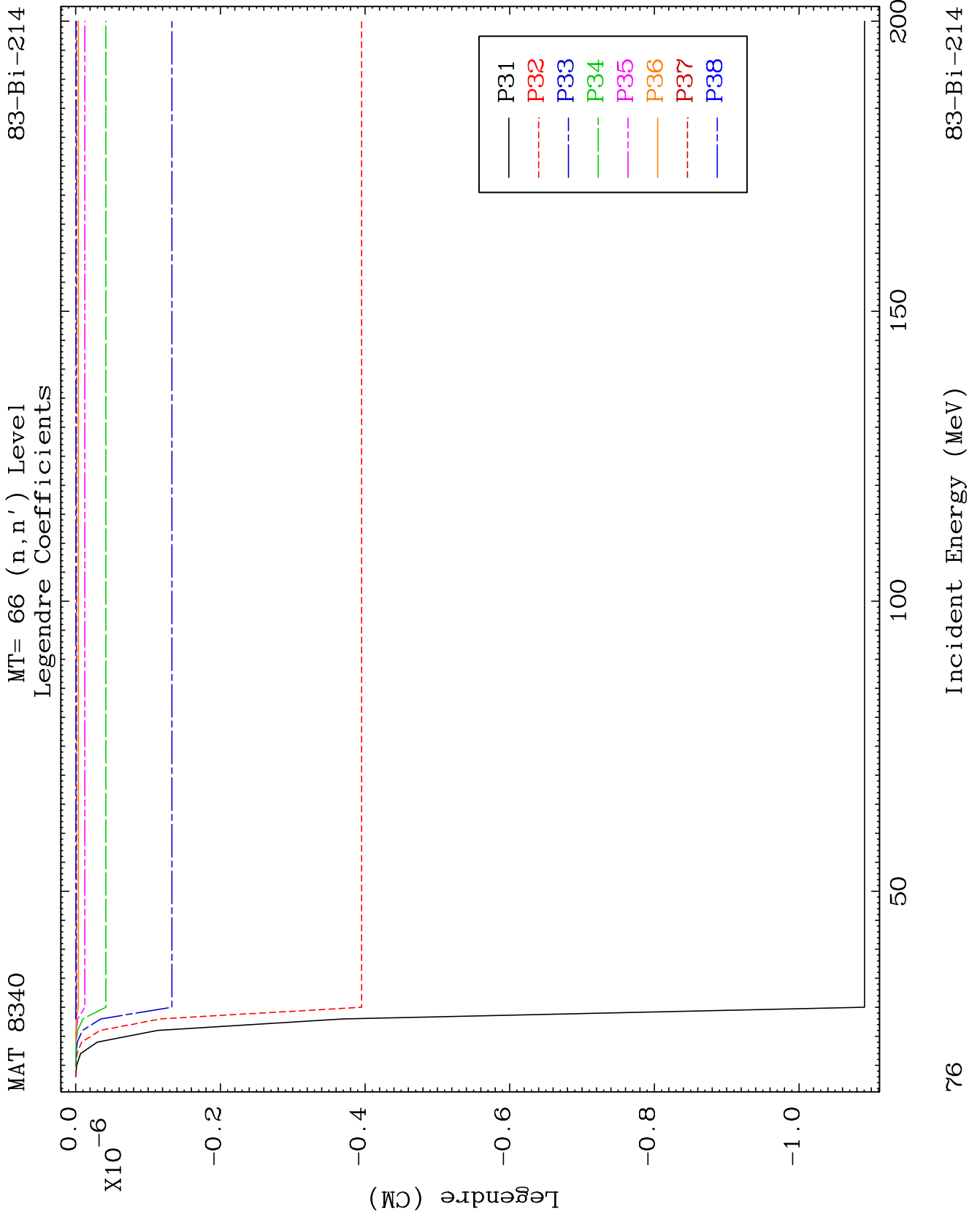


MAT 8340

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

83-Bi-214

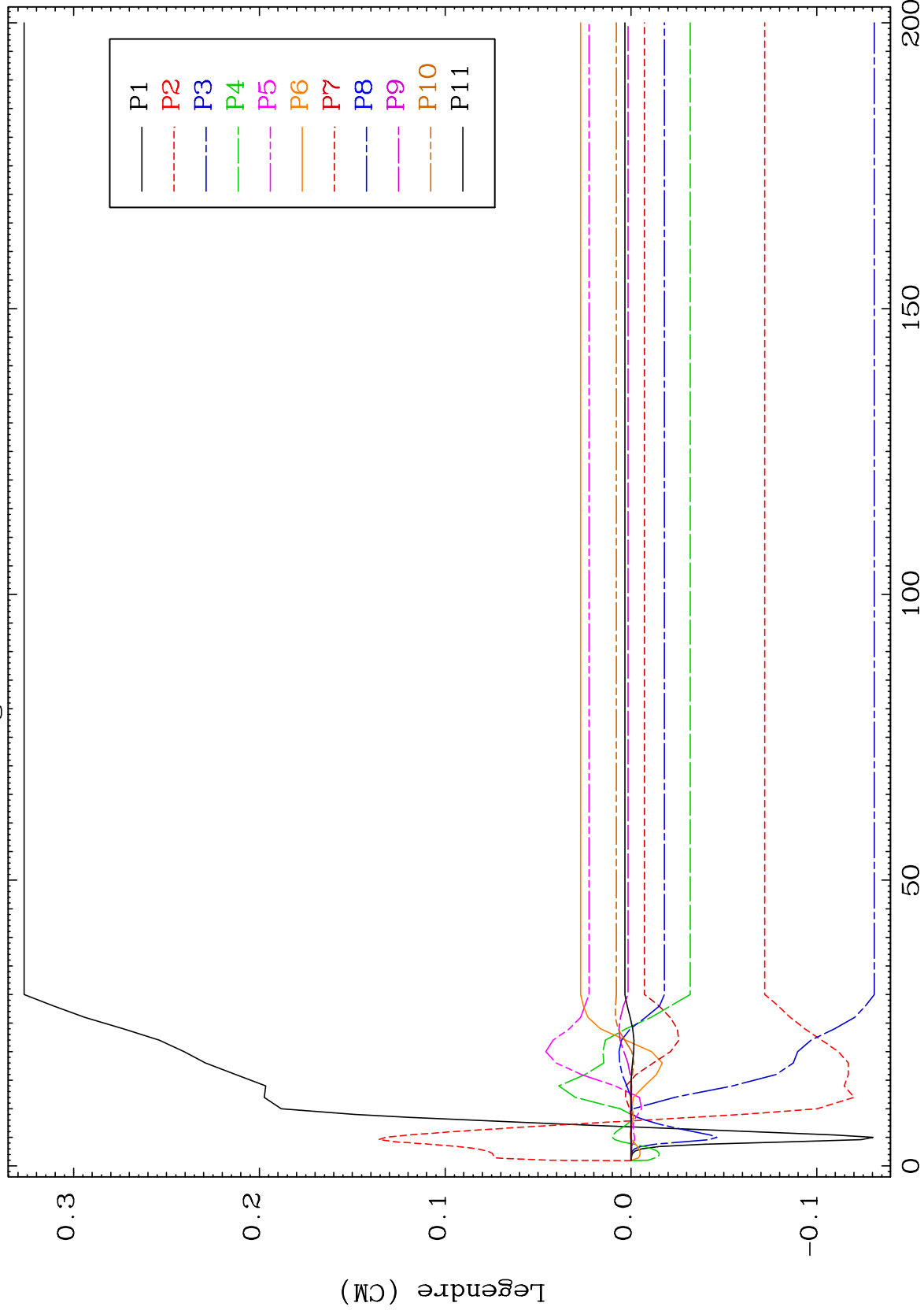




MAT 8340

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

83-Bi-214



77

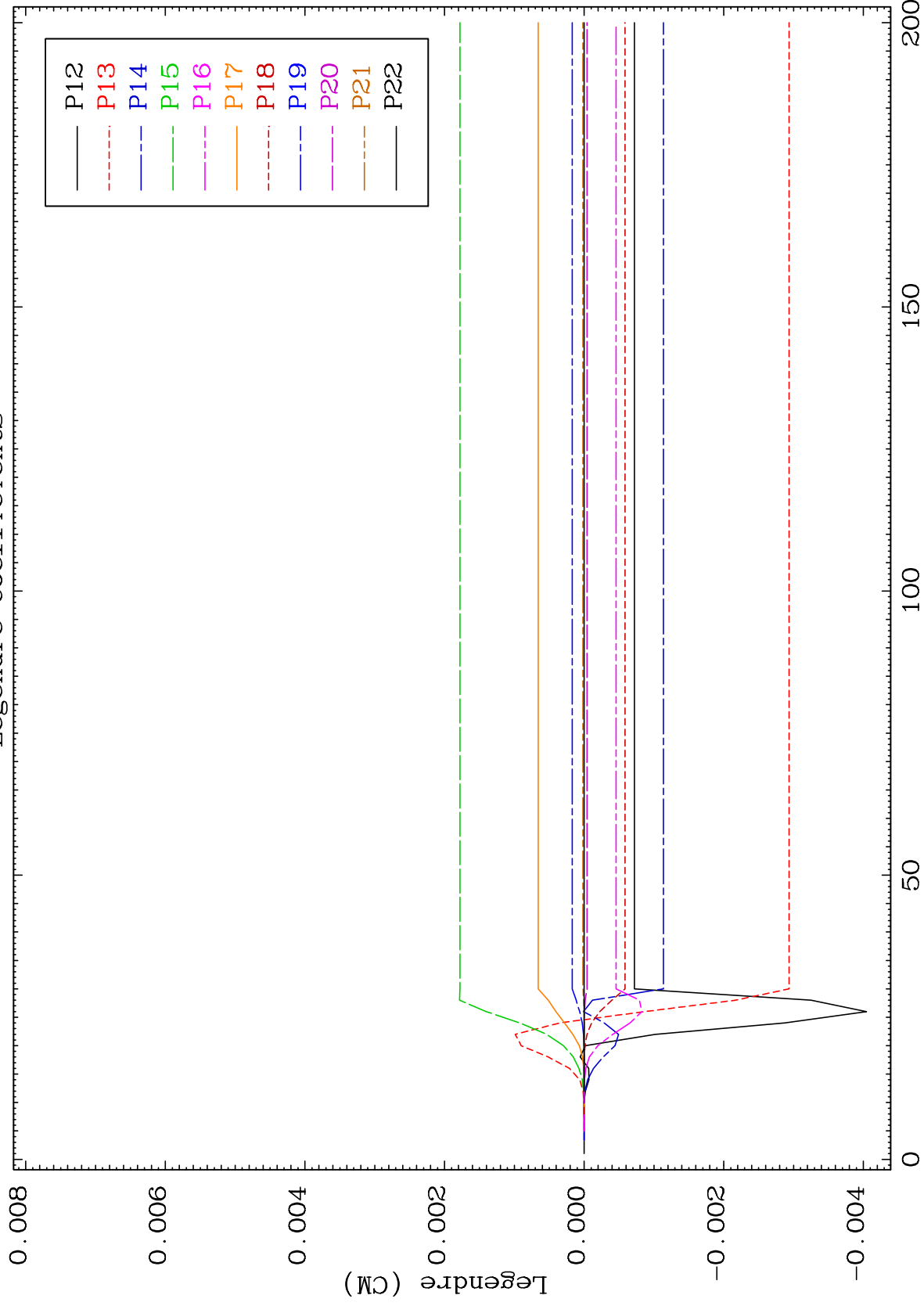
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

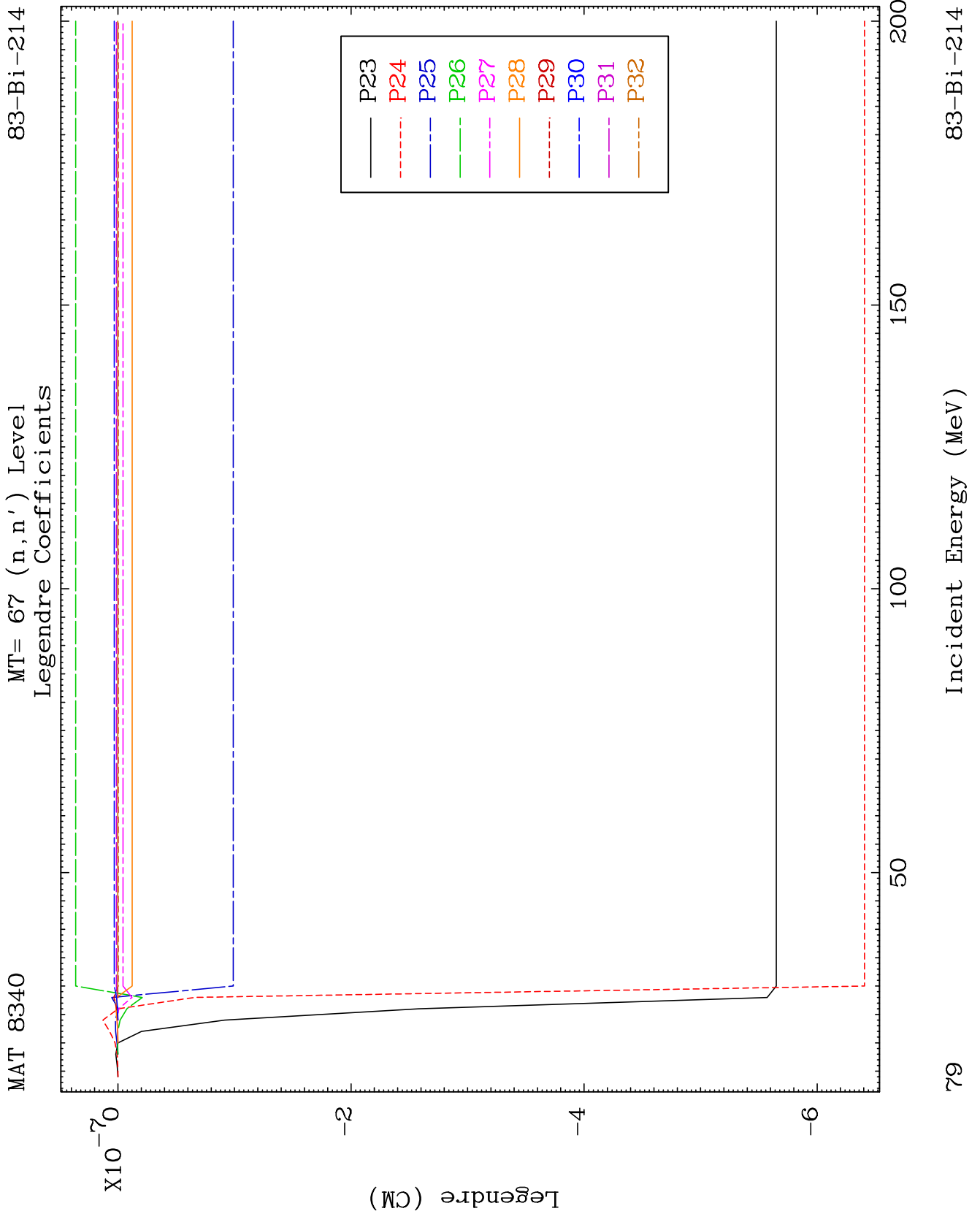
83-Bi-214

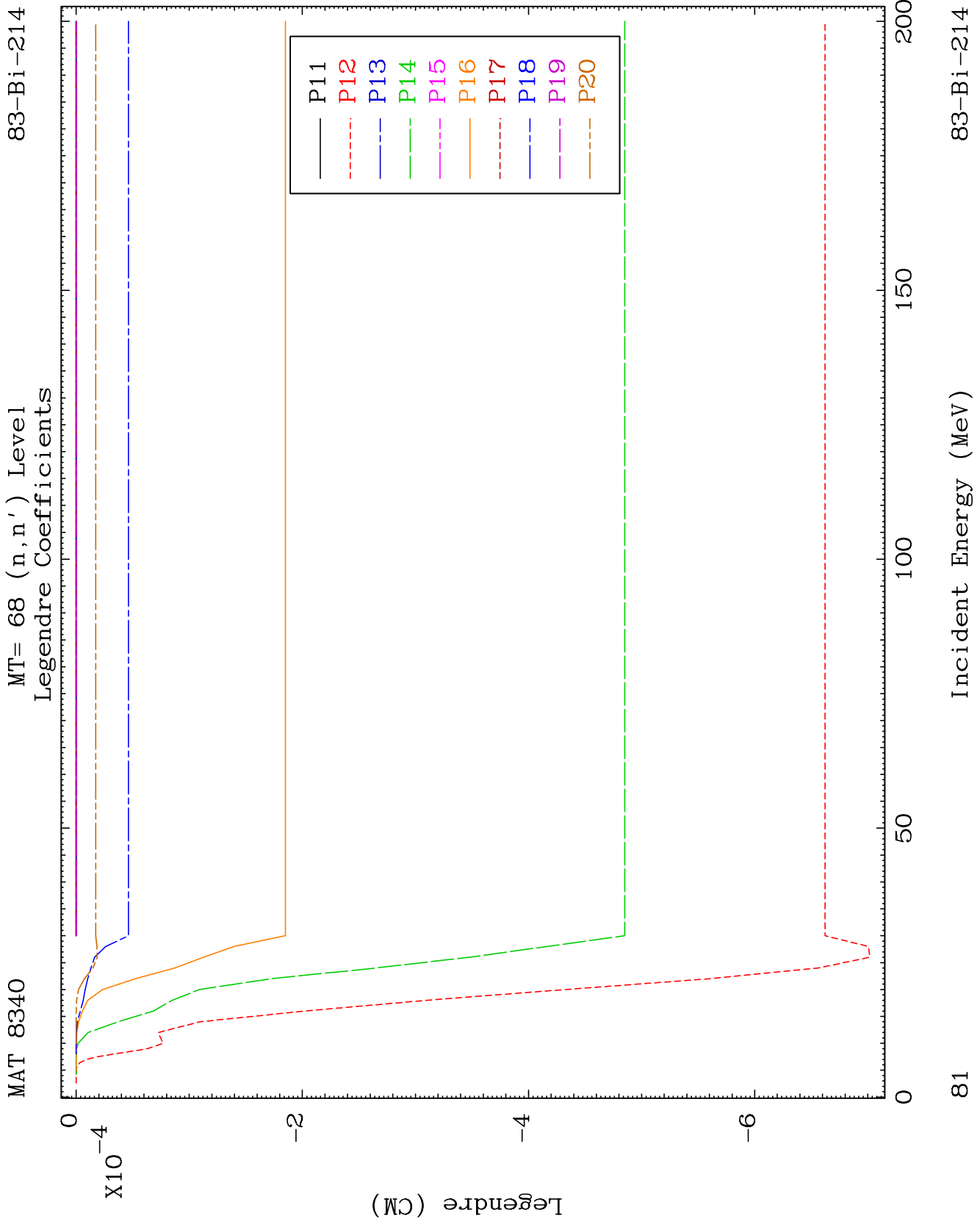


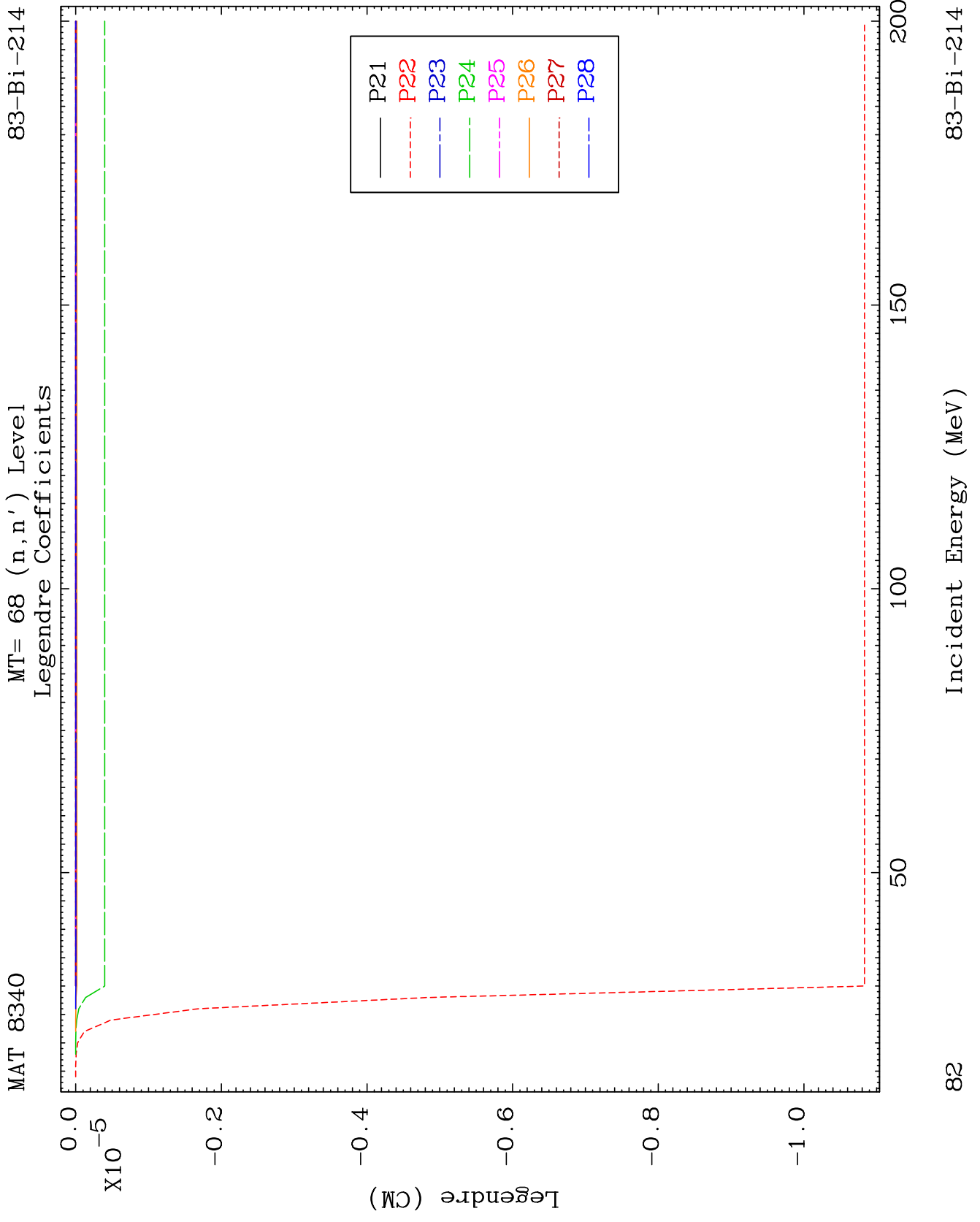
78

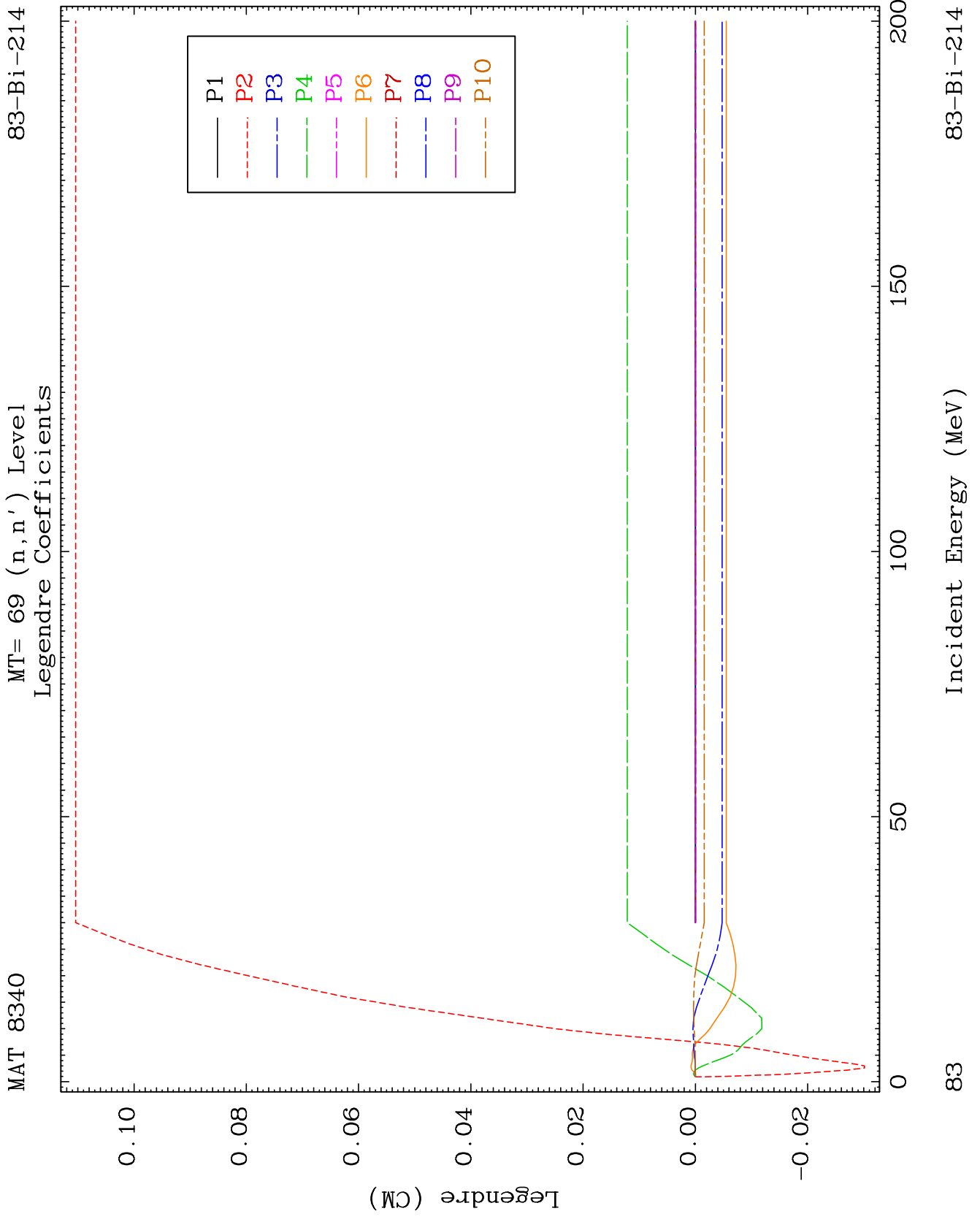
Incident Energy (MeV)

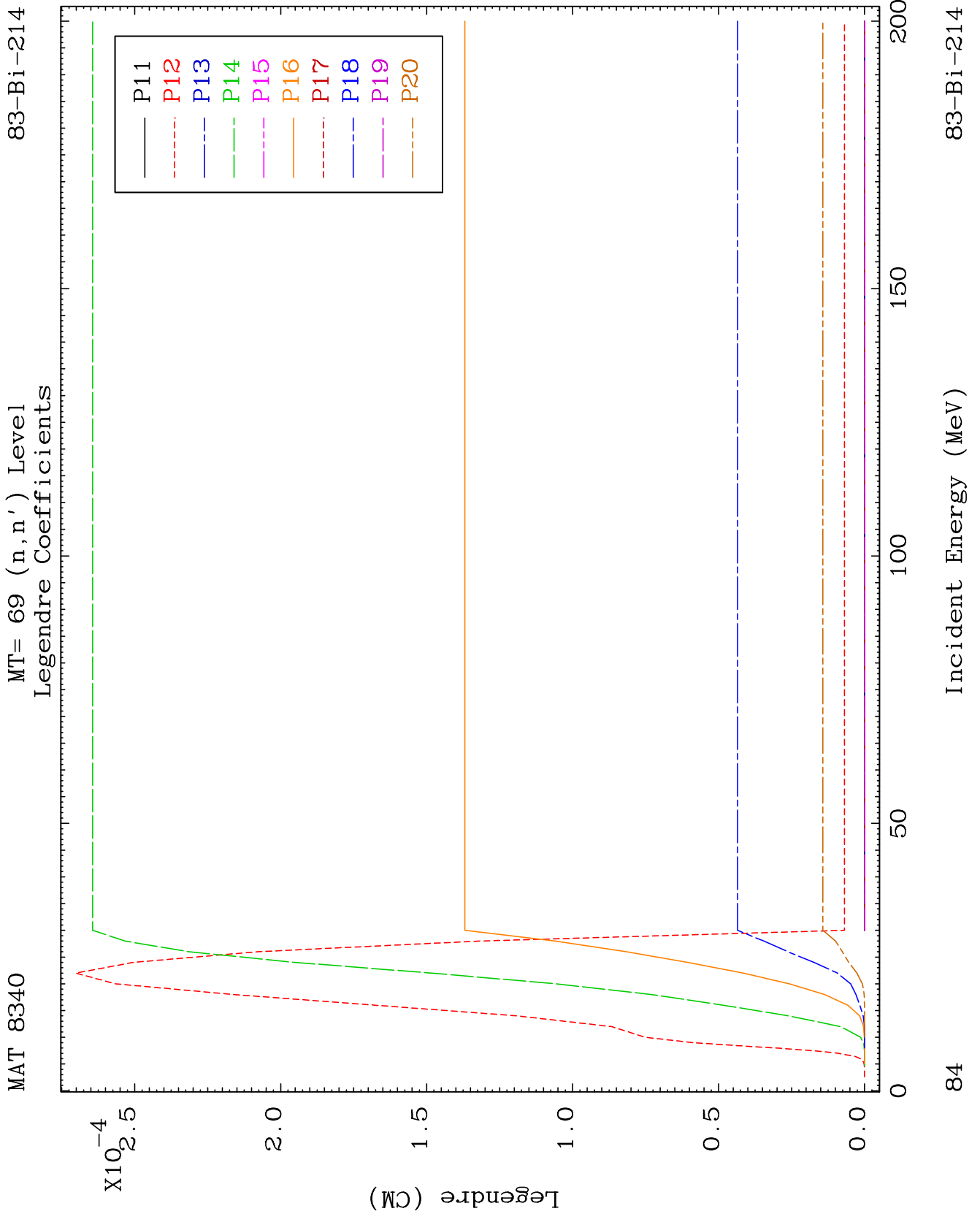
83-Bi-214







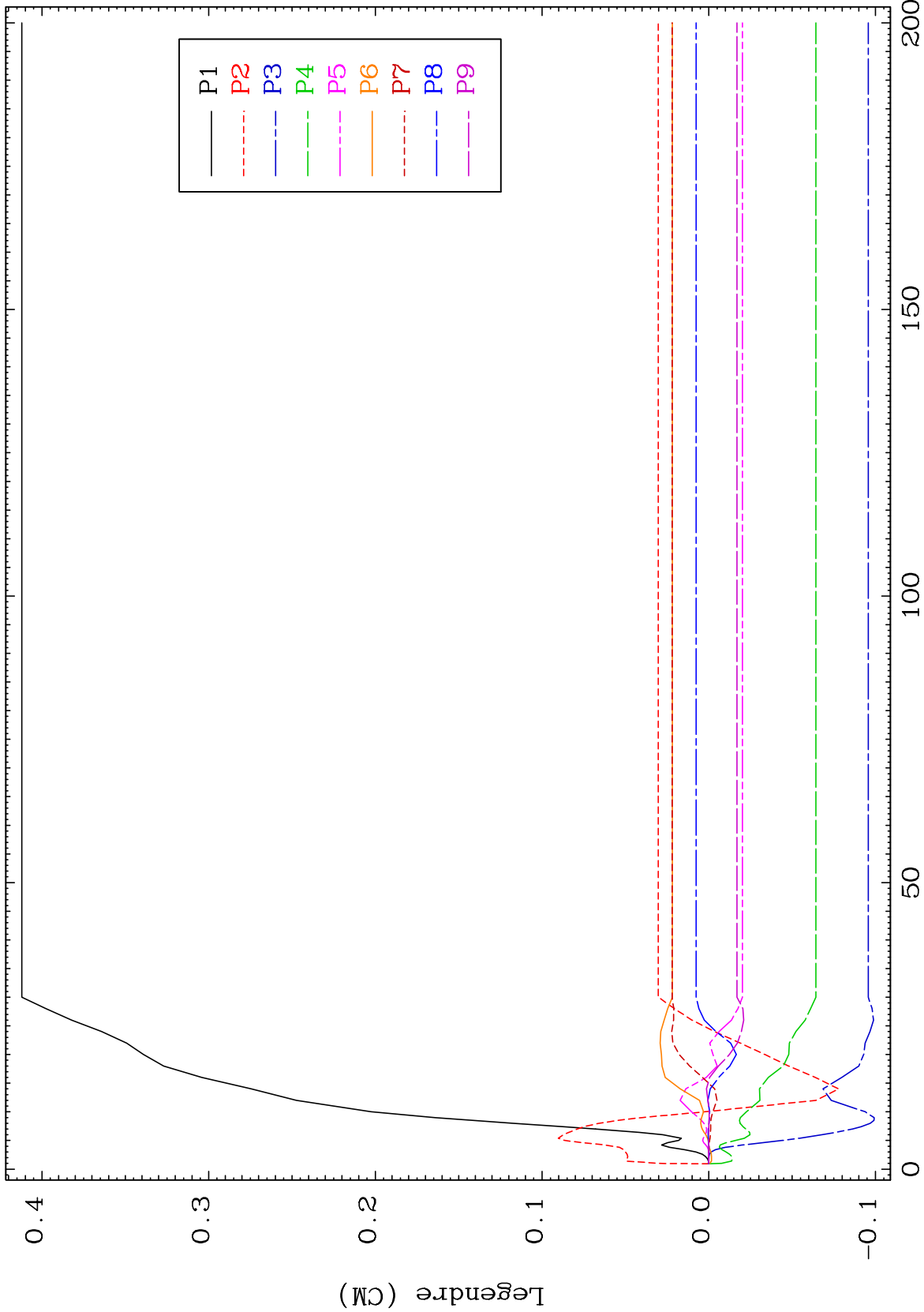




MAT 8340

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

83-Bi-214



86

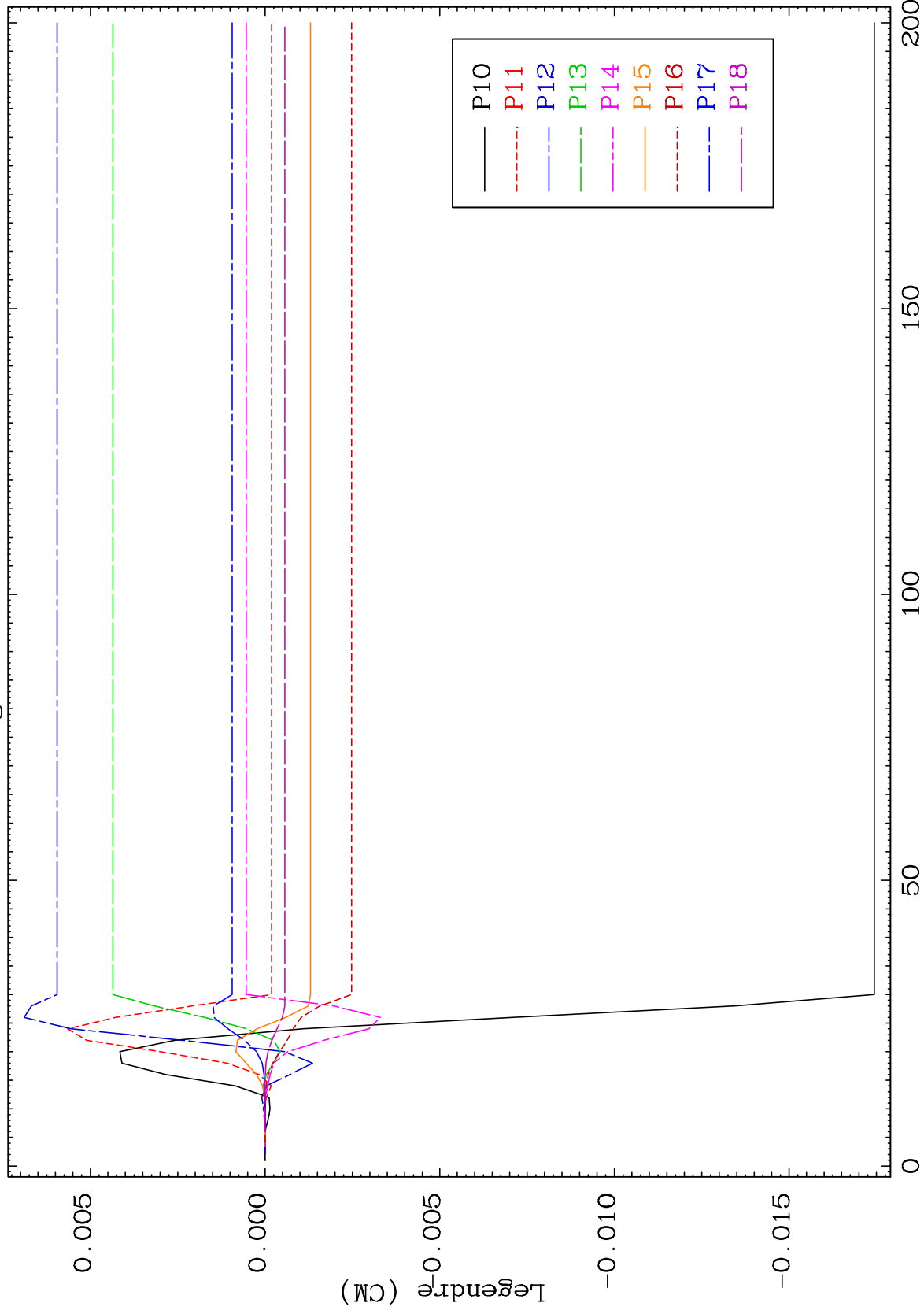
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

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



87

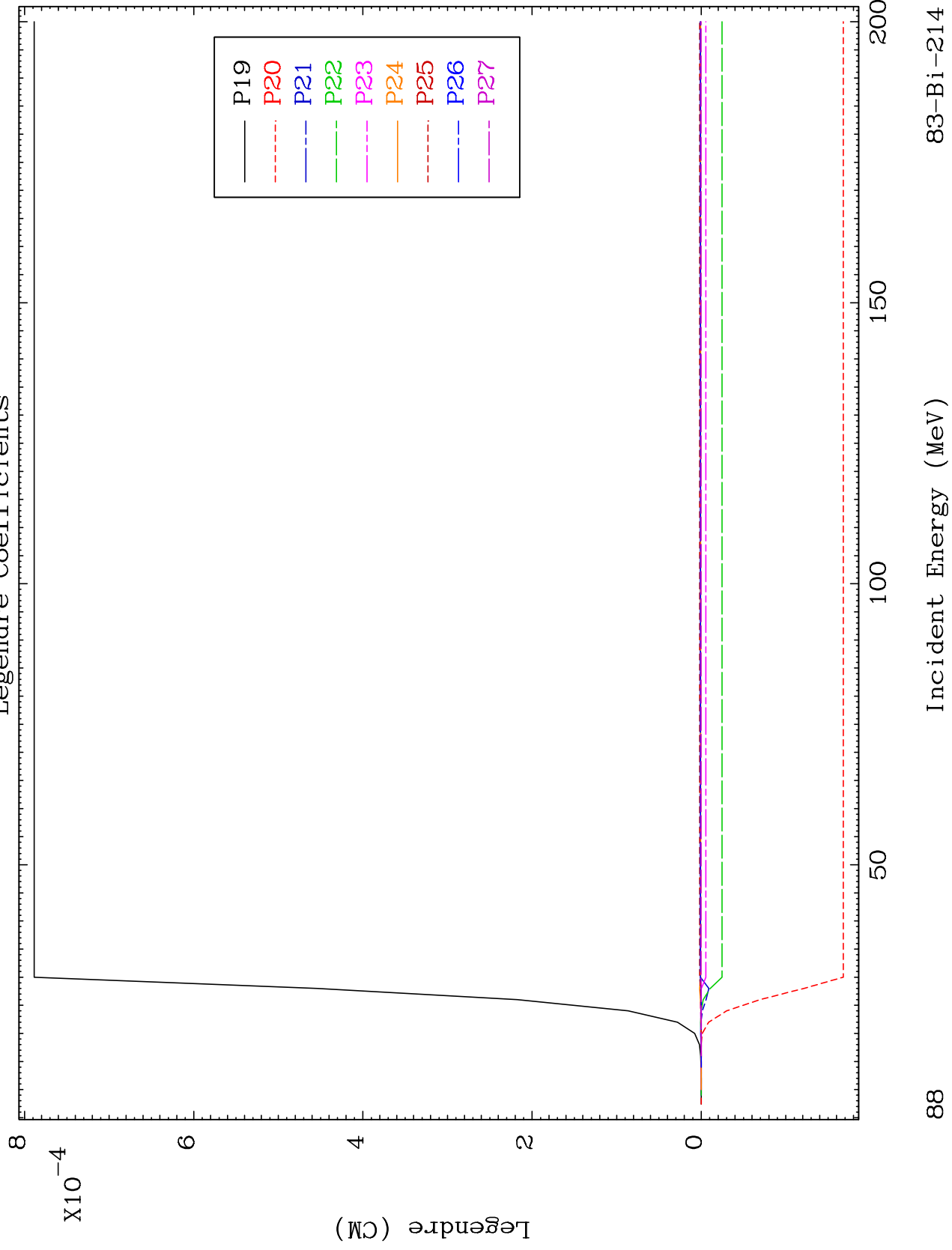
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

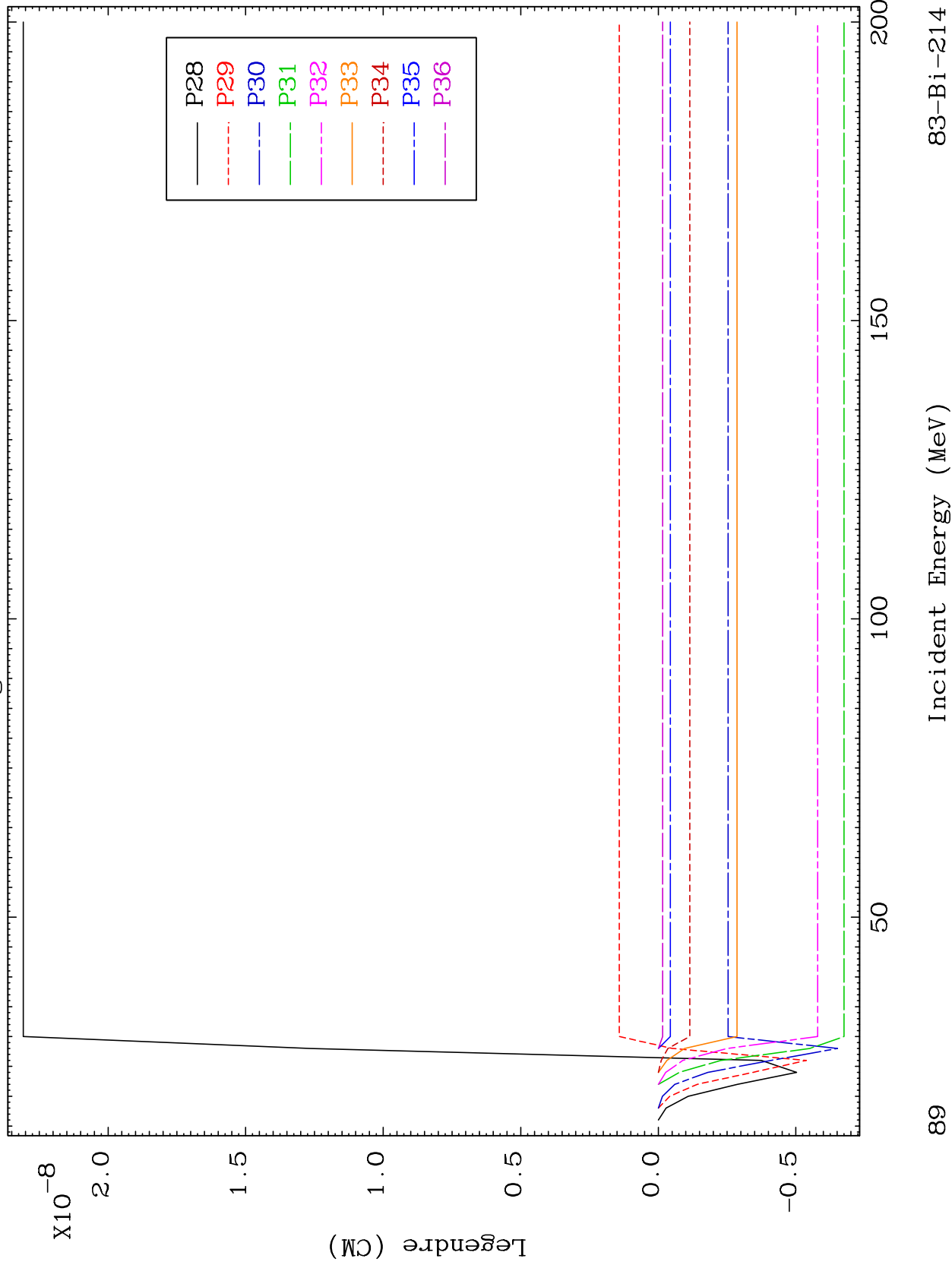
83-Bi-214



MAT 8340

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

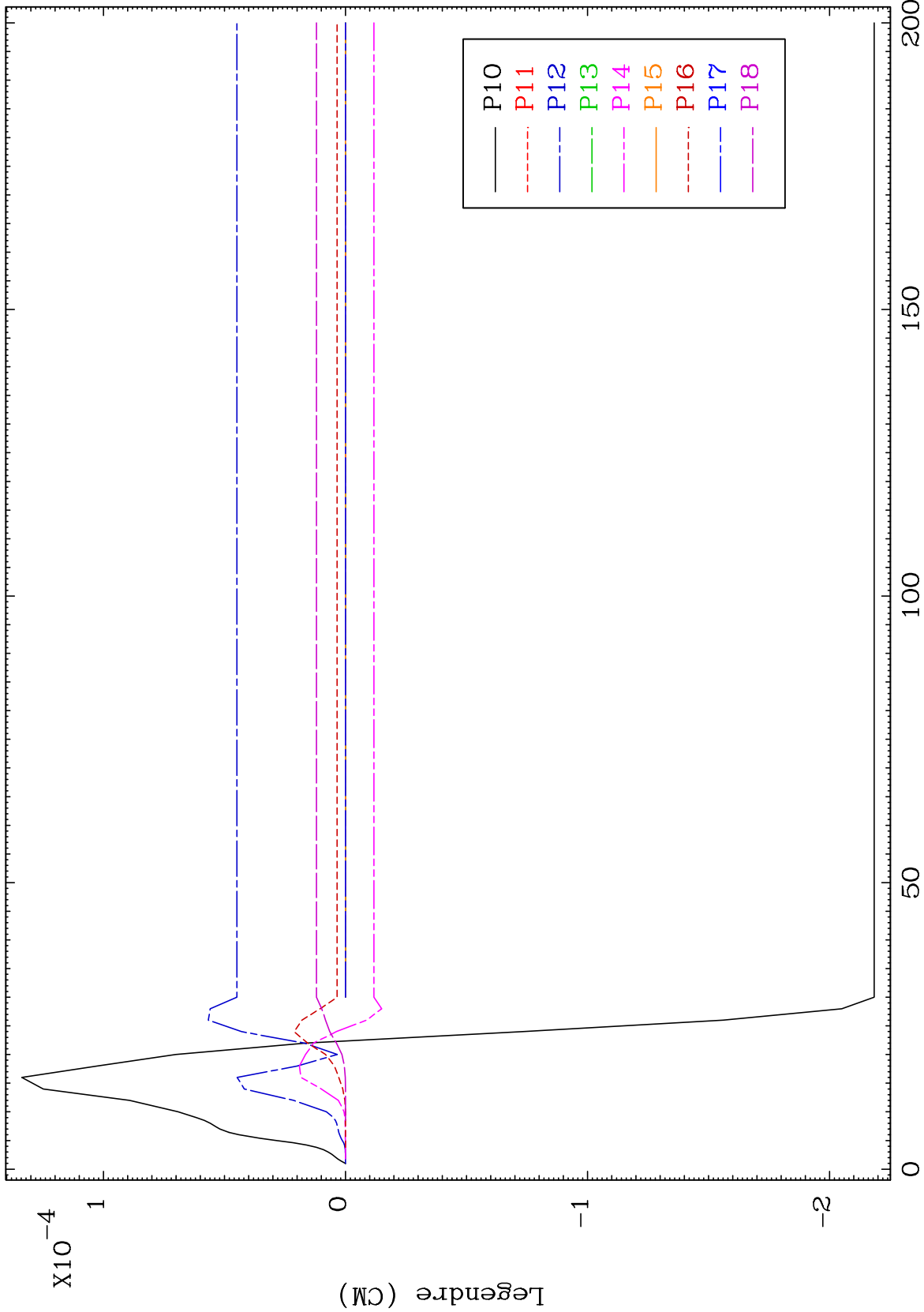
83-Bi-214



MAT 8340

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

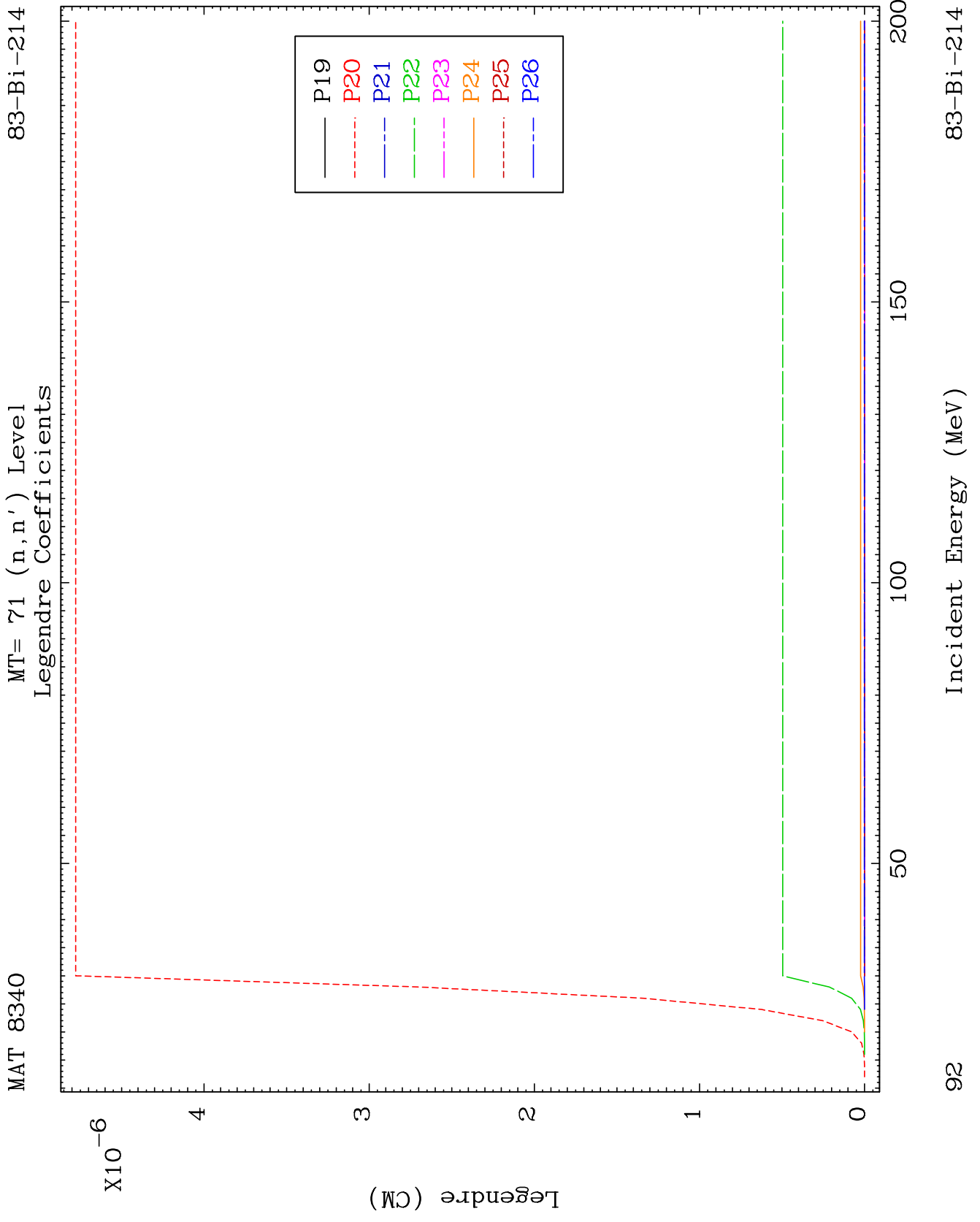
83-Bi-214



91

Incident Energy (MeV)

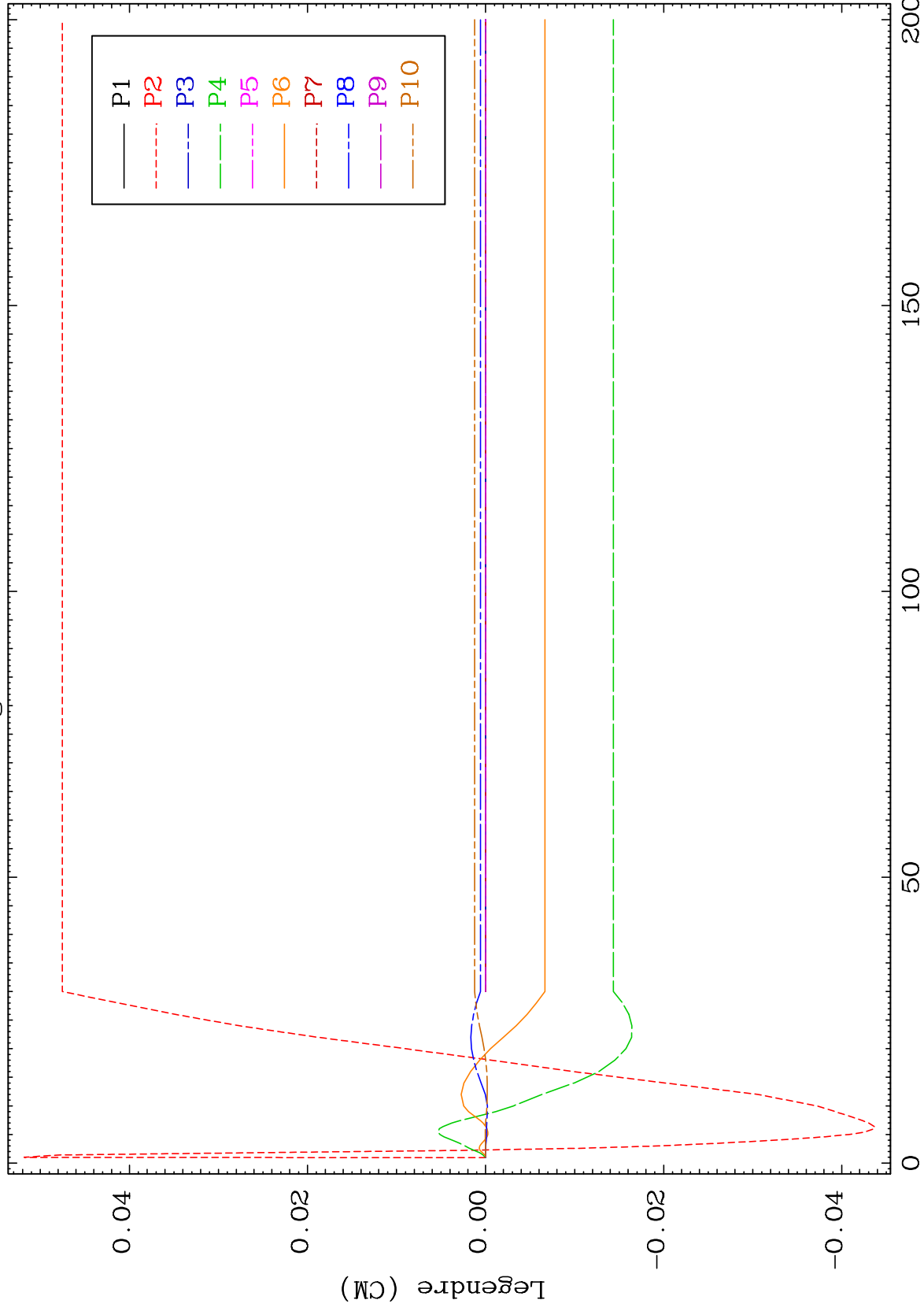
83-Bi-214



MAT 8340

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

83-Bi-214



93

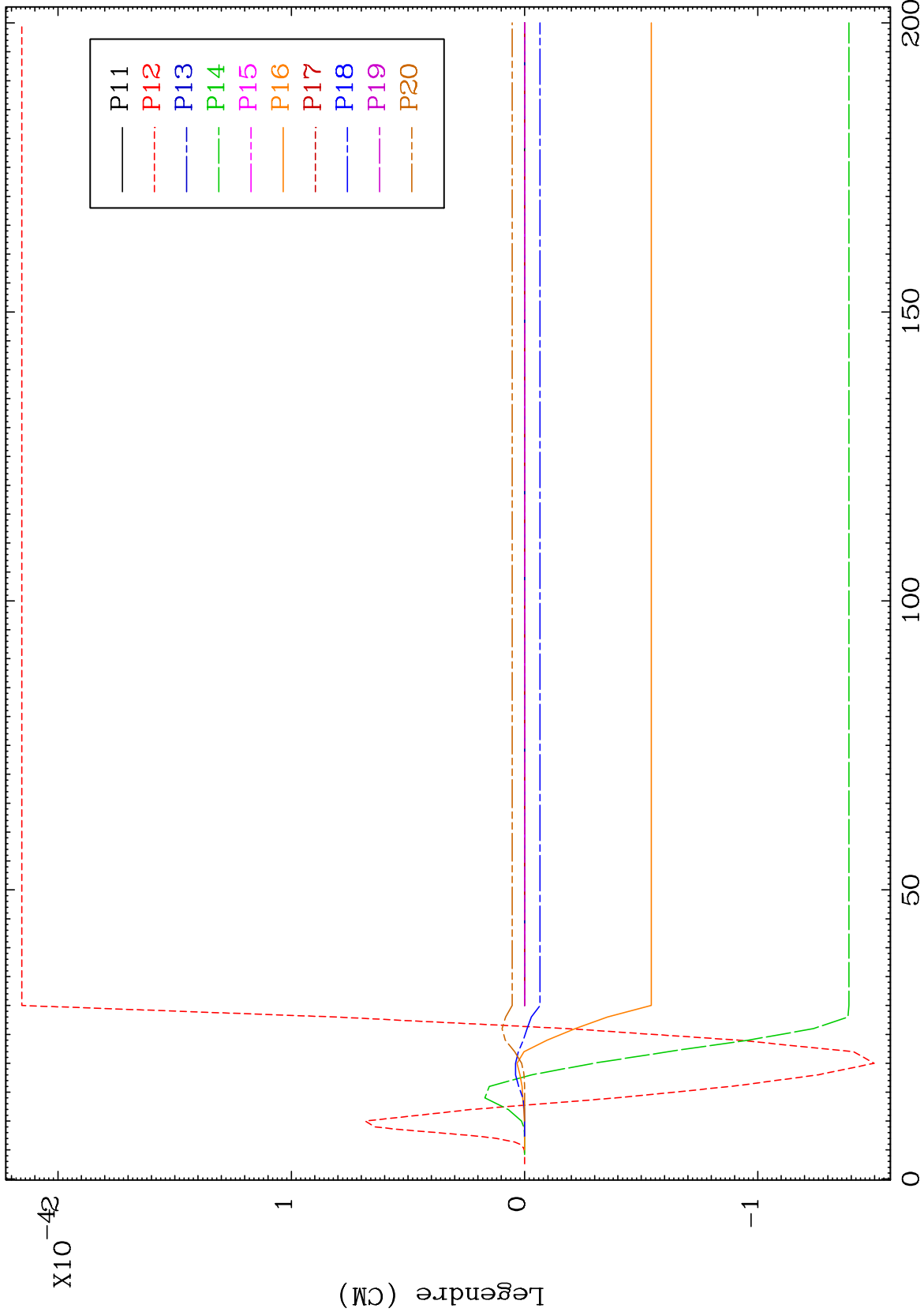
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



94

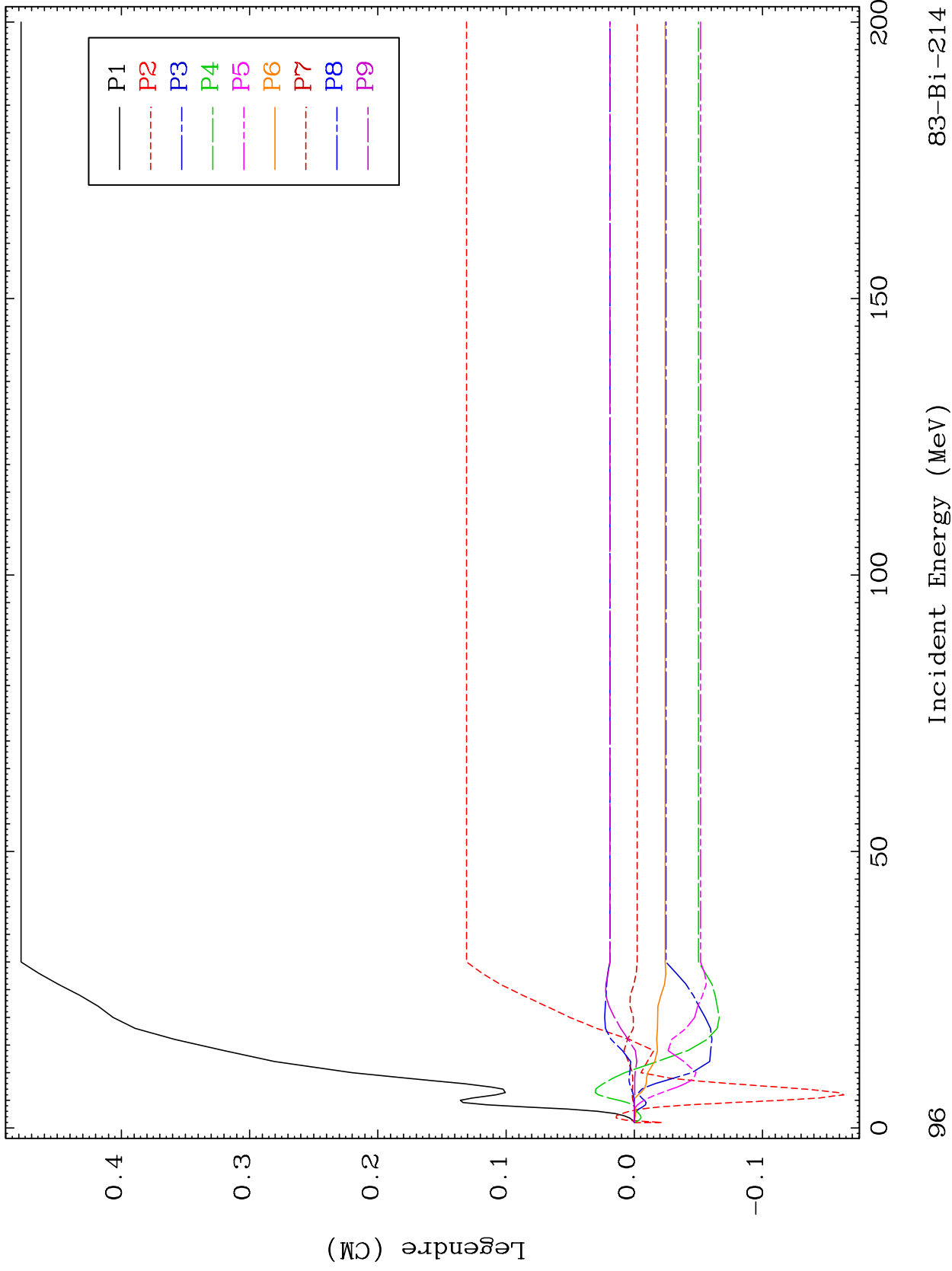
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



83-Bi-214

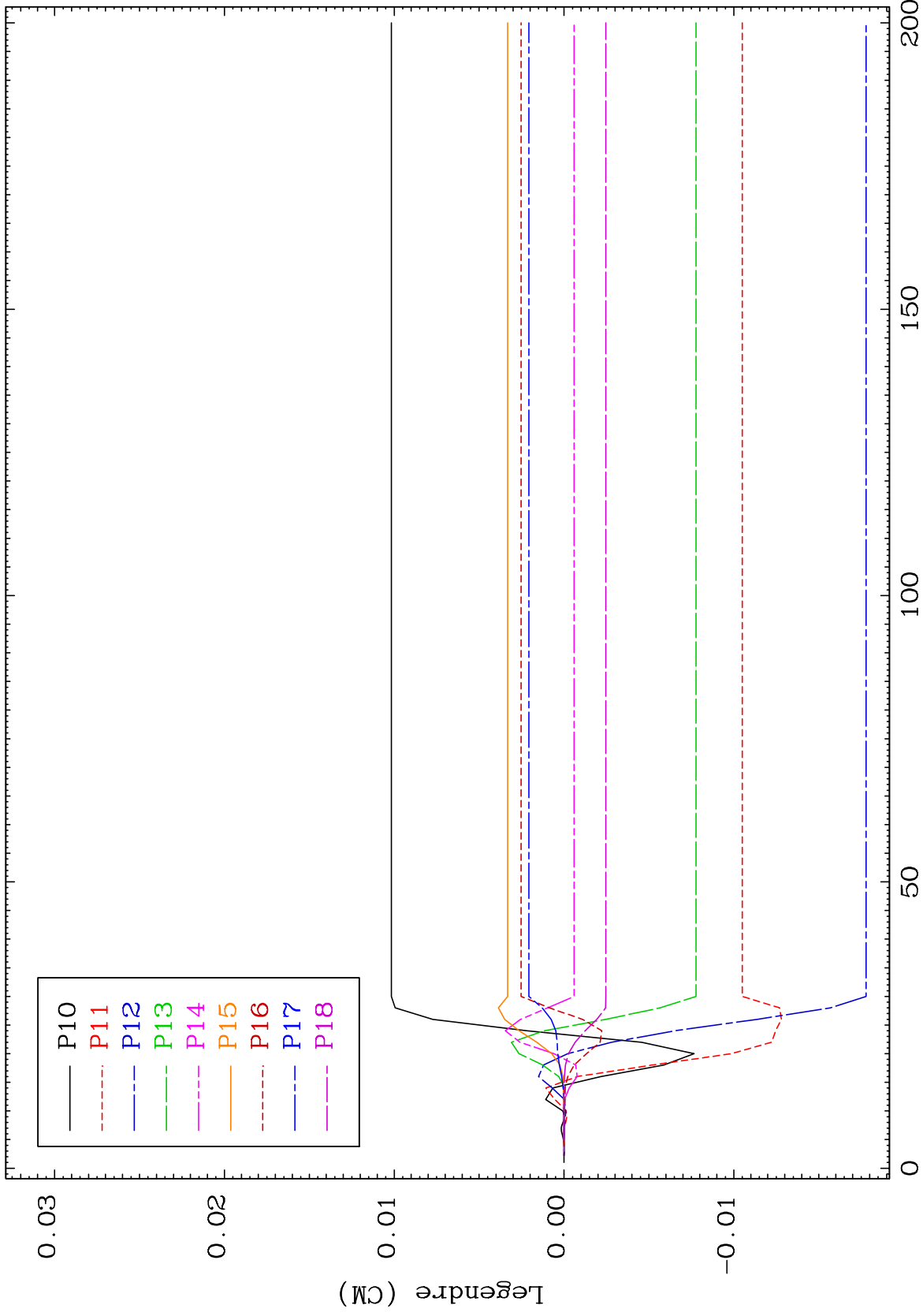
Incident Energy (MeV)

96

MAT 8340

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

83-Bi-214



97

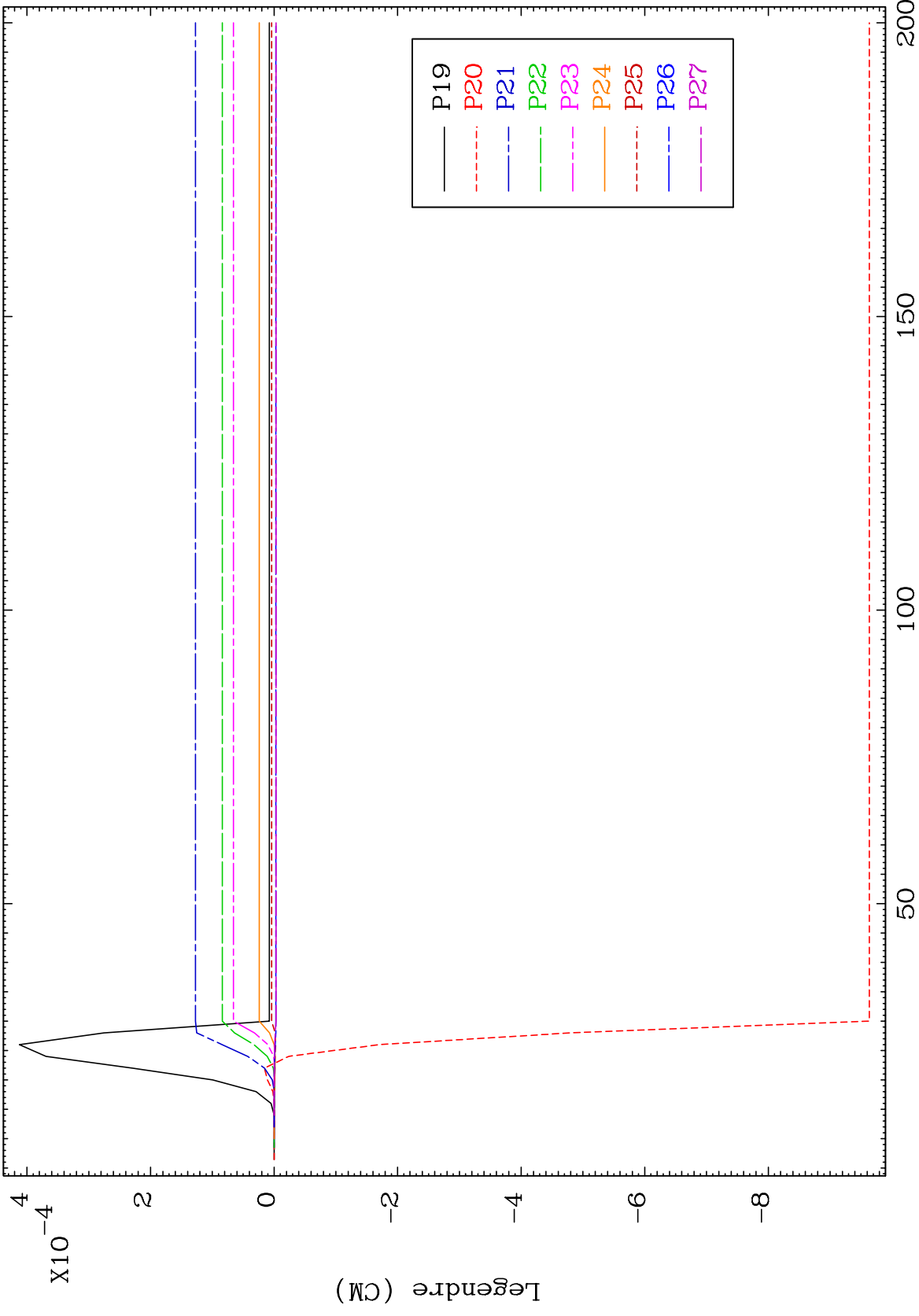
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



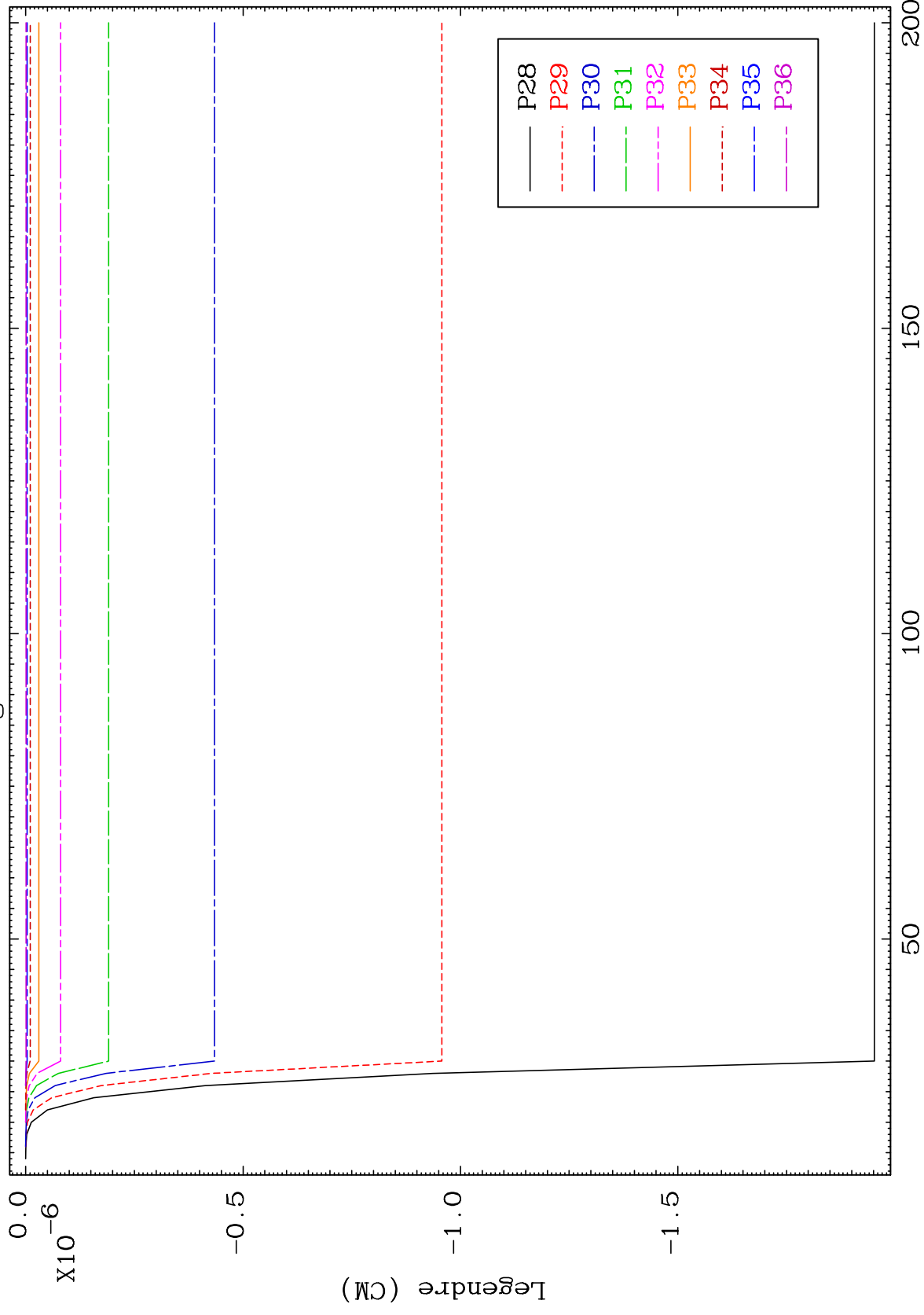
98

83-Bi-214

MAT 8340

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

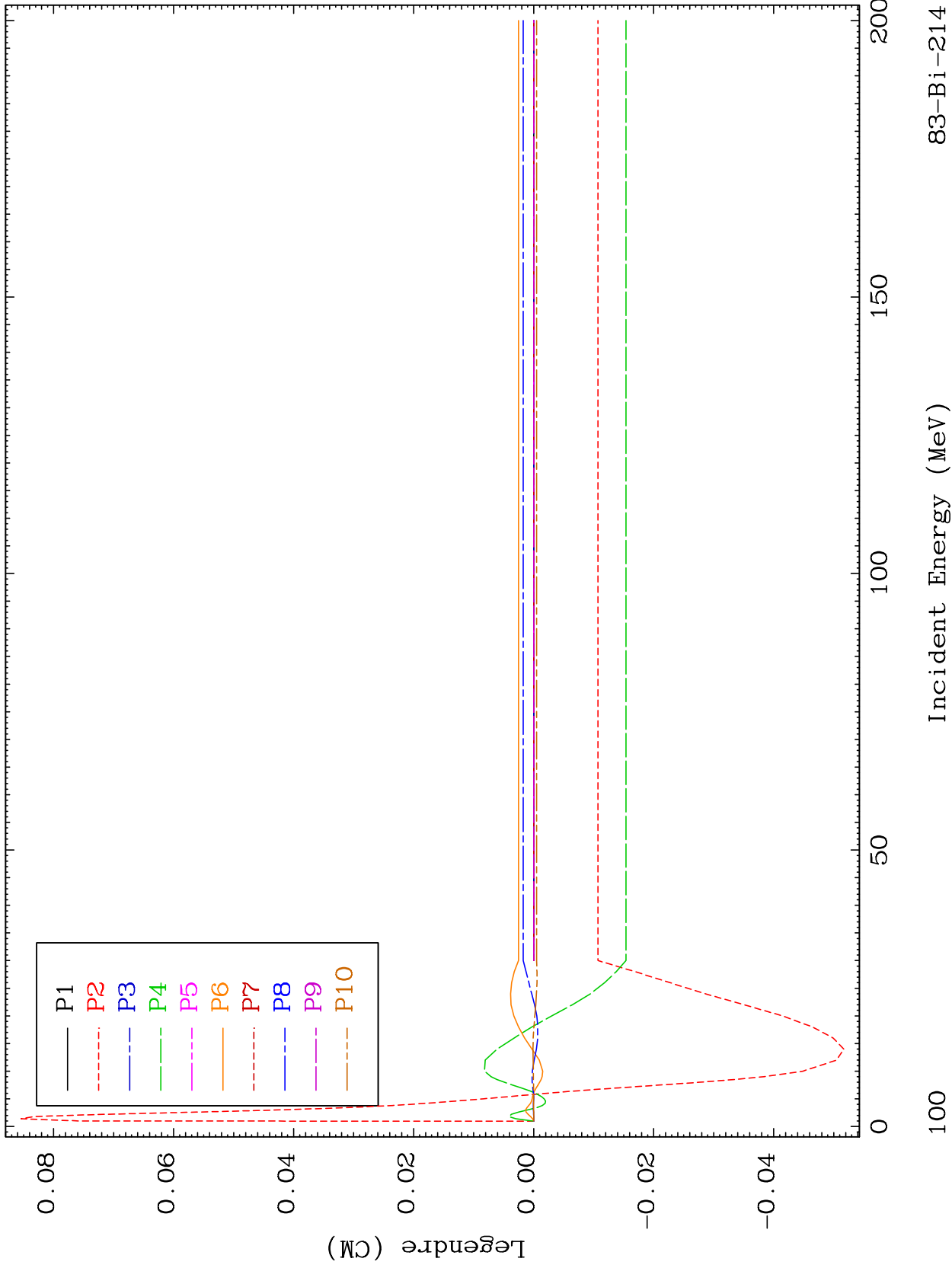
83-Bi-214



MAT 8340

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

83-Bi-214



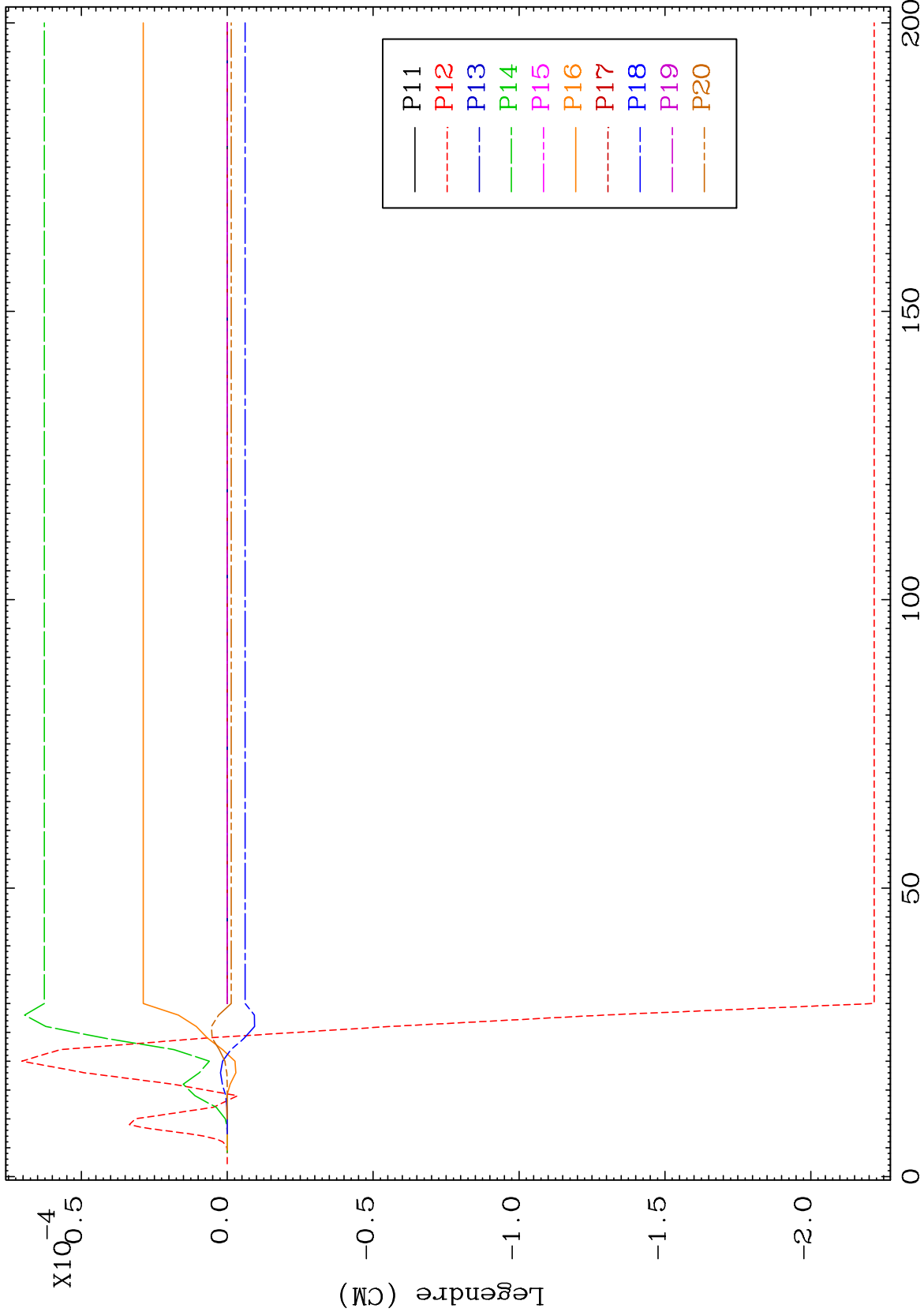
83-Bi-214

MAT 8340

MT= 74 (n,n') Level

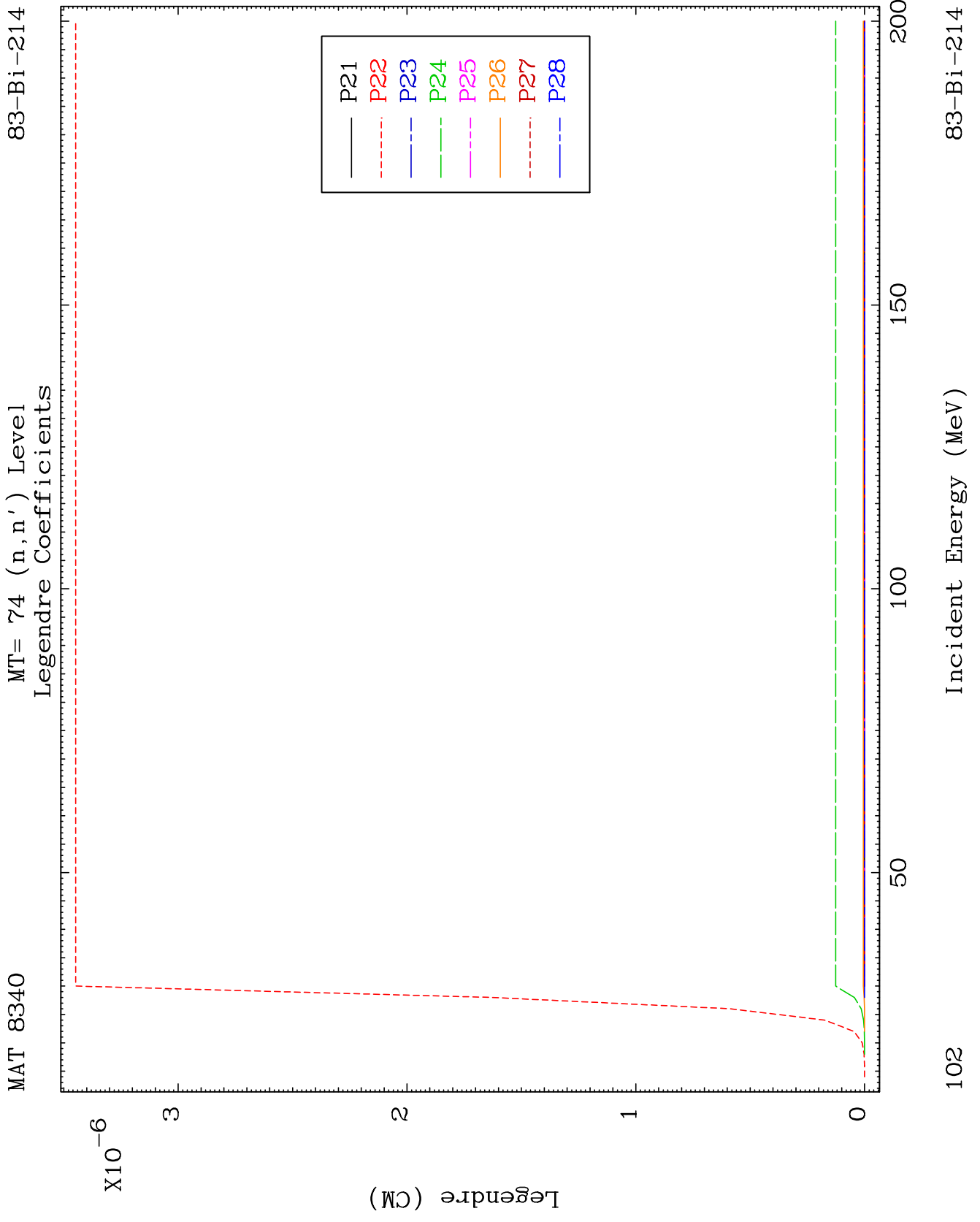
83-Bi-214

Legendre Coefficients



101

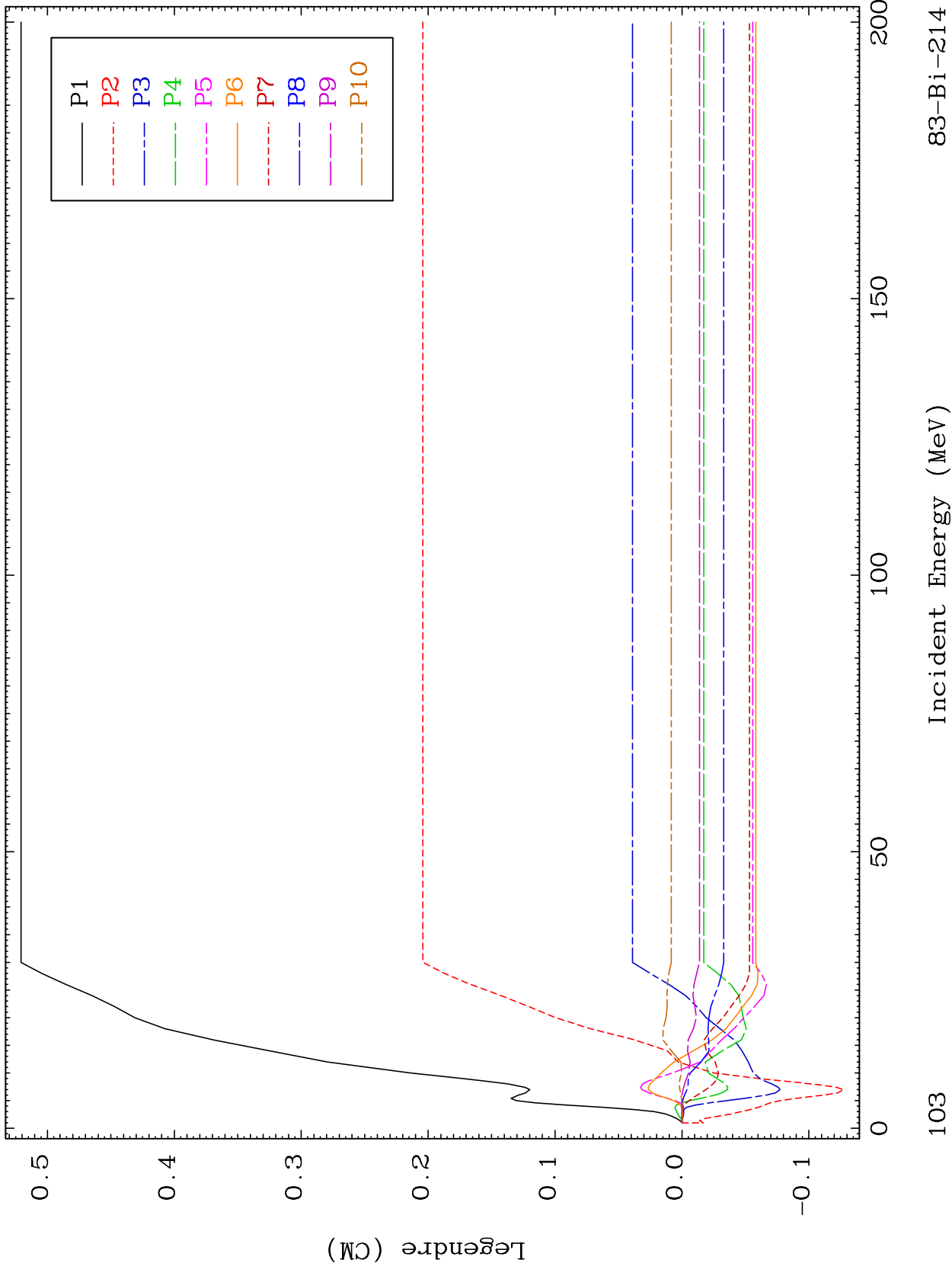
83-Bi-214



MAT 8340

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

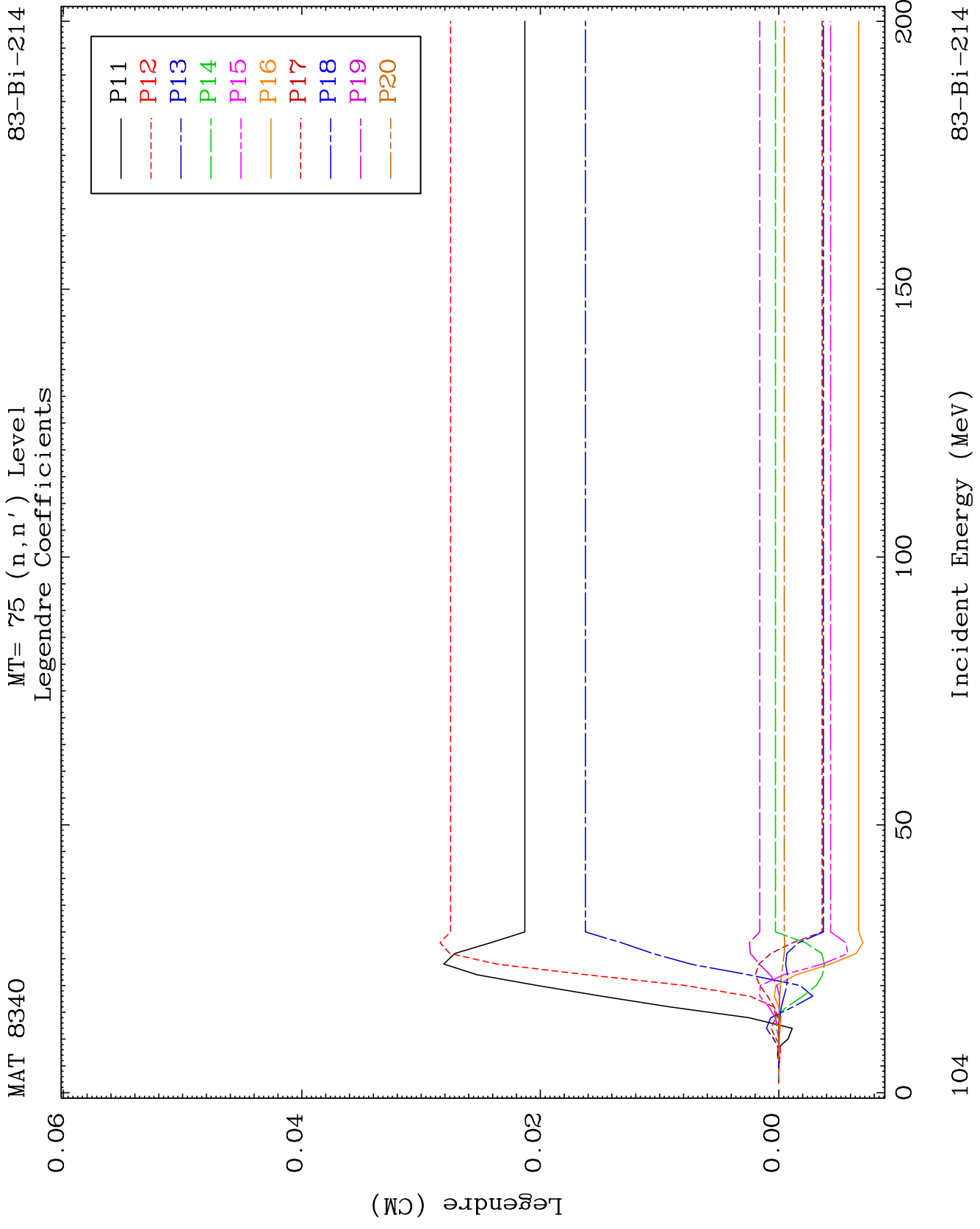
83-Bi-214



83-Bi-214

Incident Energy (MeV)

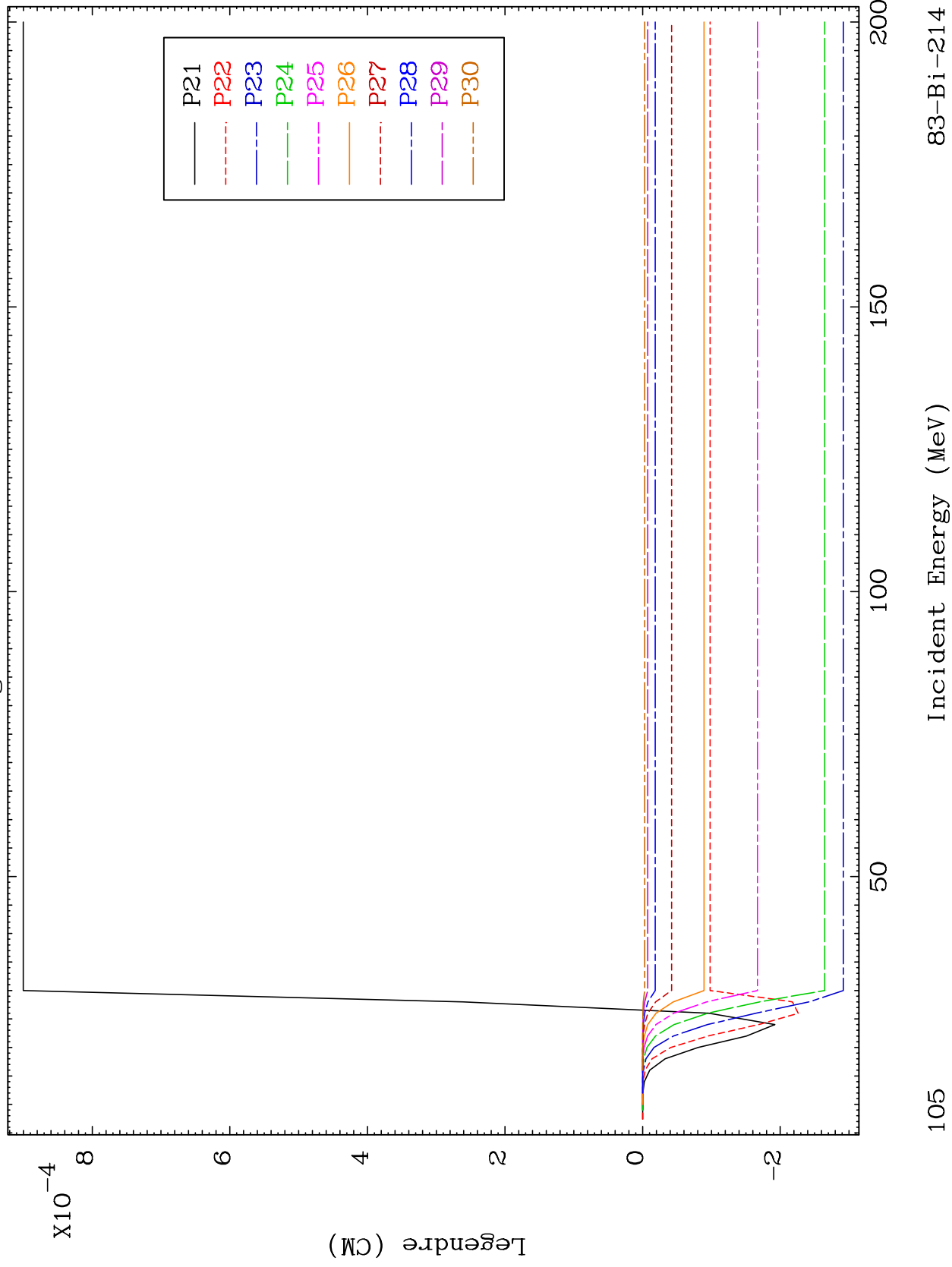
103



MAT 8340

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

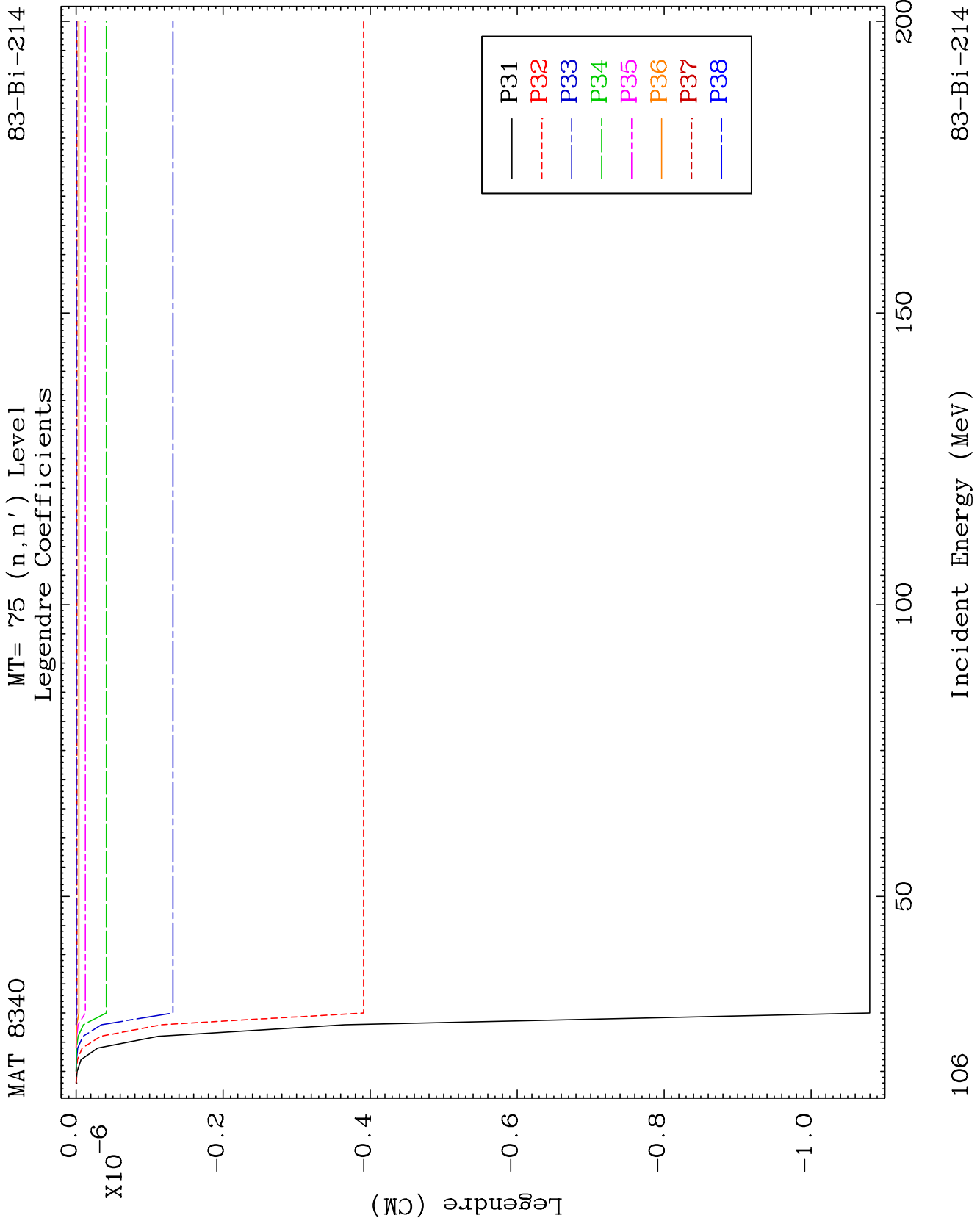
83-Bi-214



105

Incident Energy (MeV)

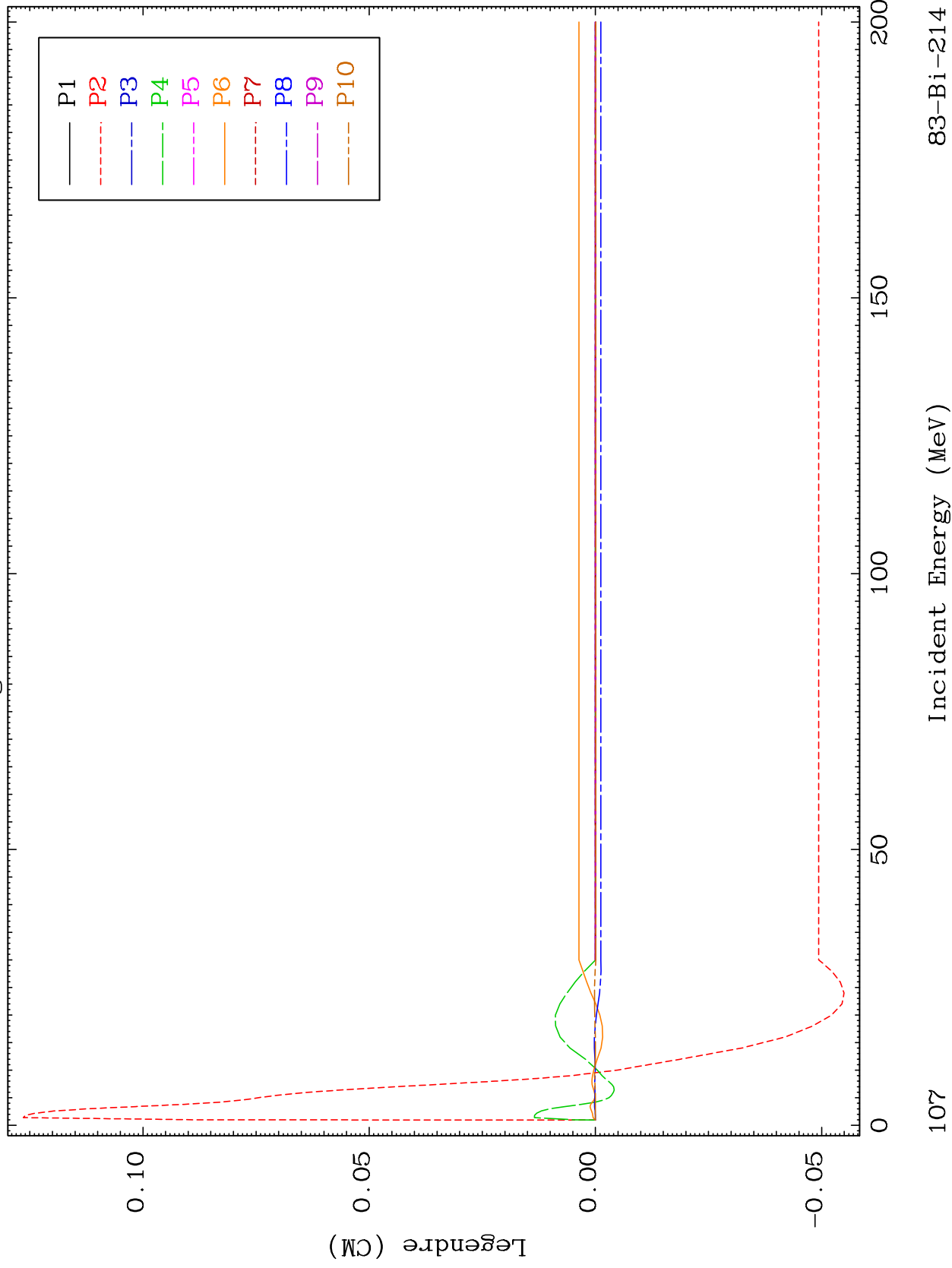
83-Bi-214



MAT 8340

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

83-Bi-214



83-Bi-214

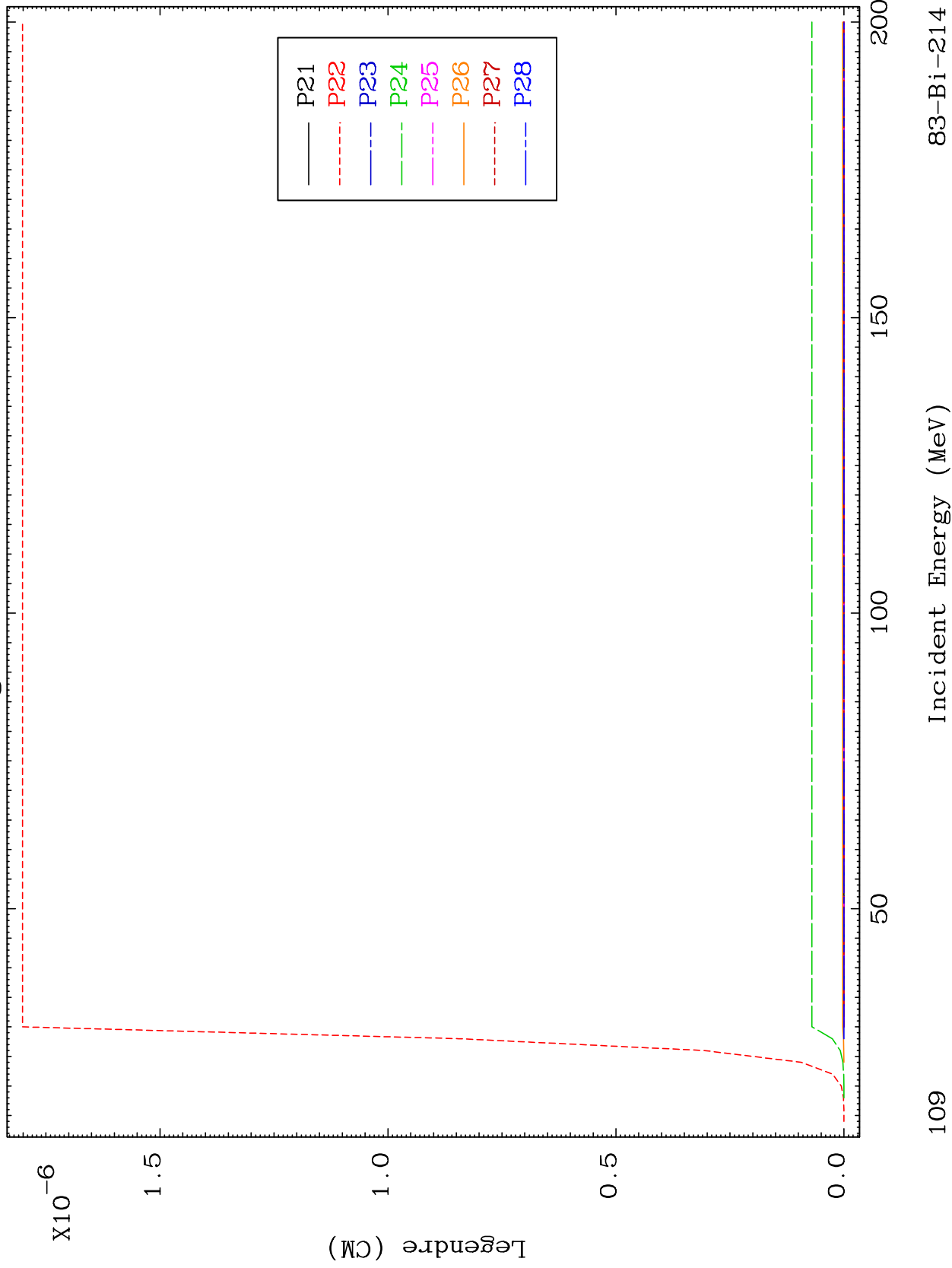
Incident Energy (MeV)

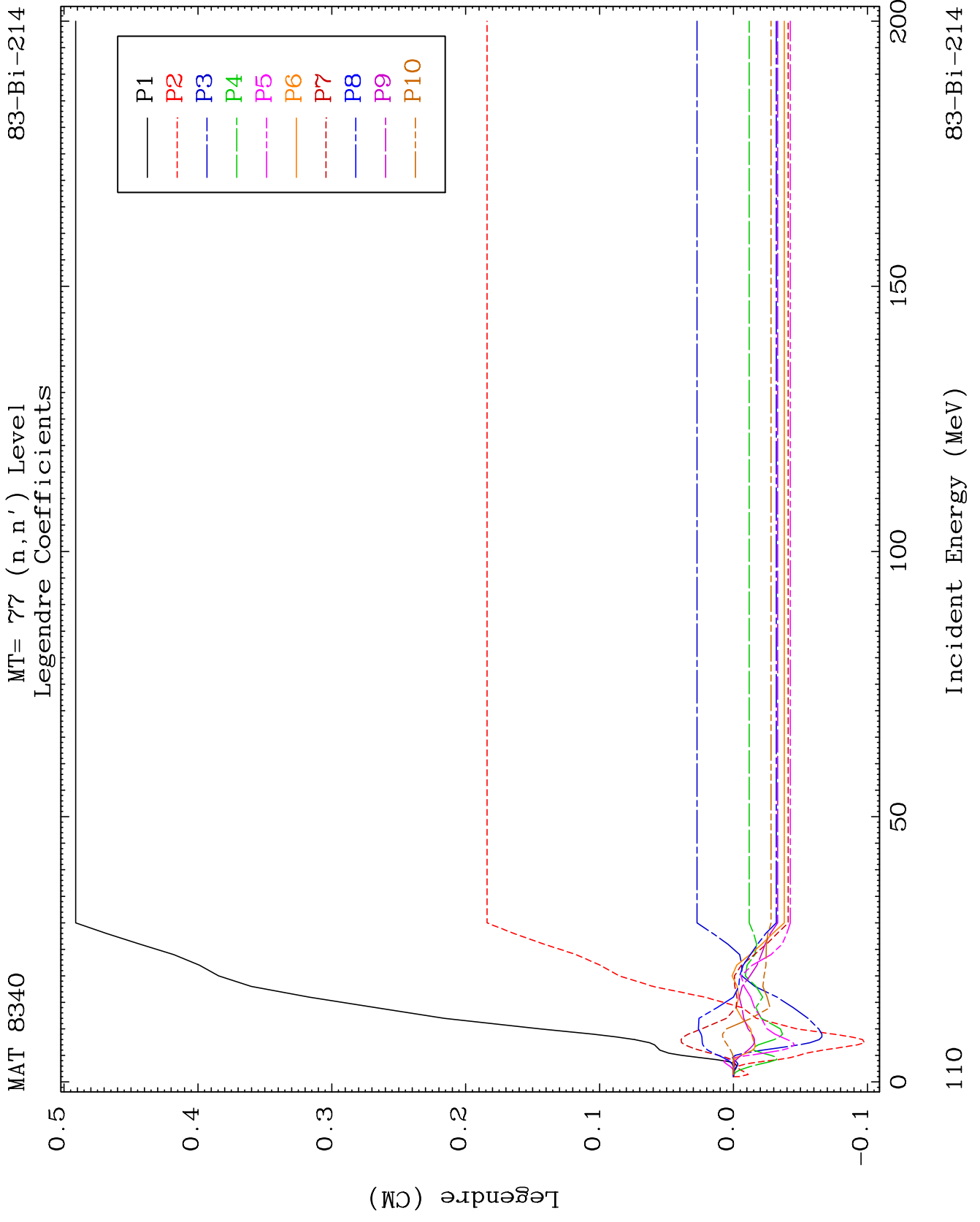
107

MAT 8340

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

83-Bi-214

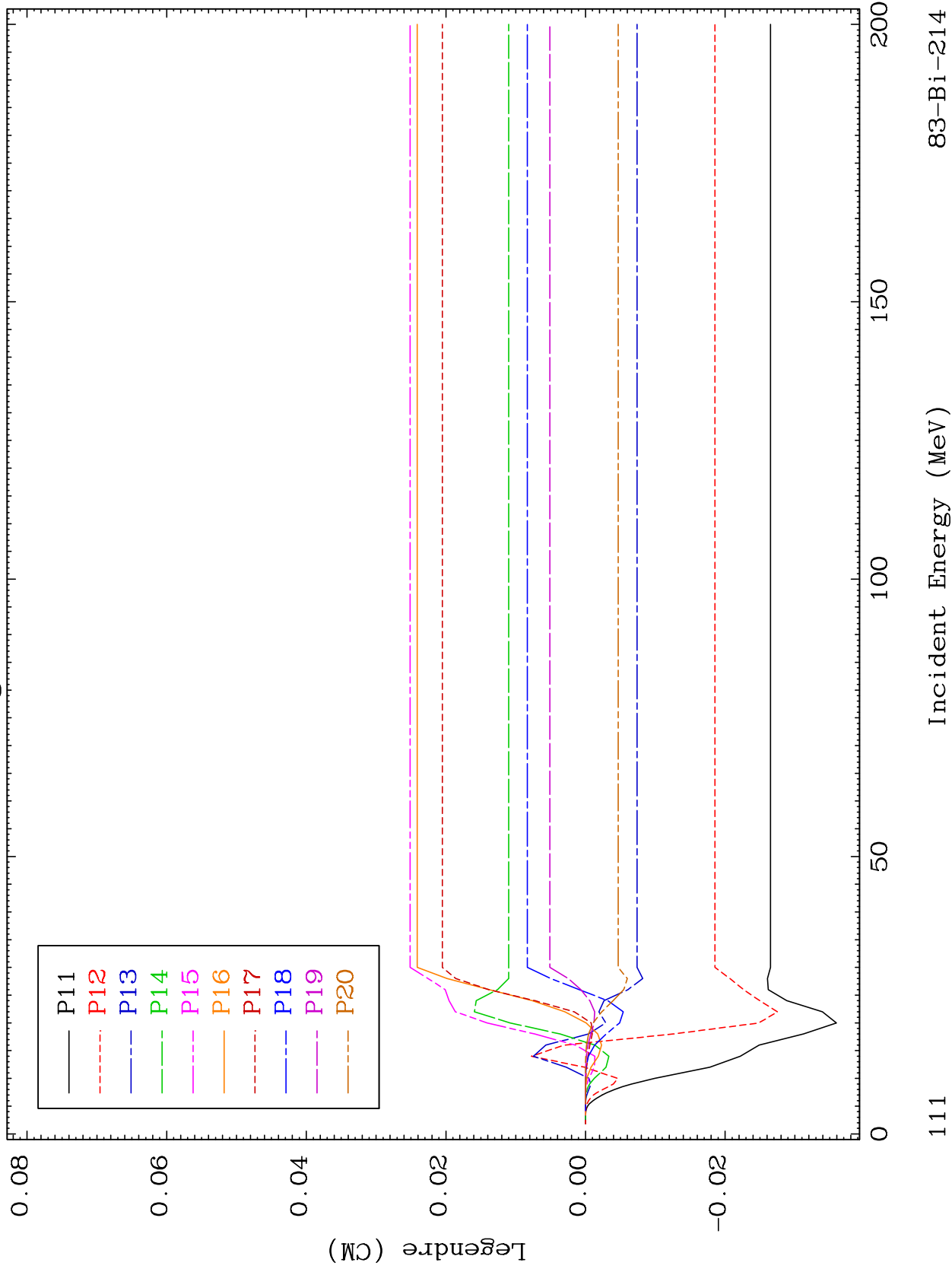




MAT 8340

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

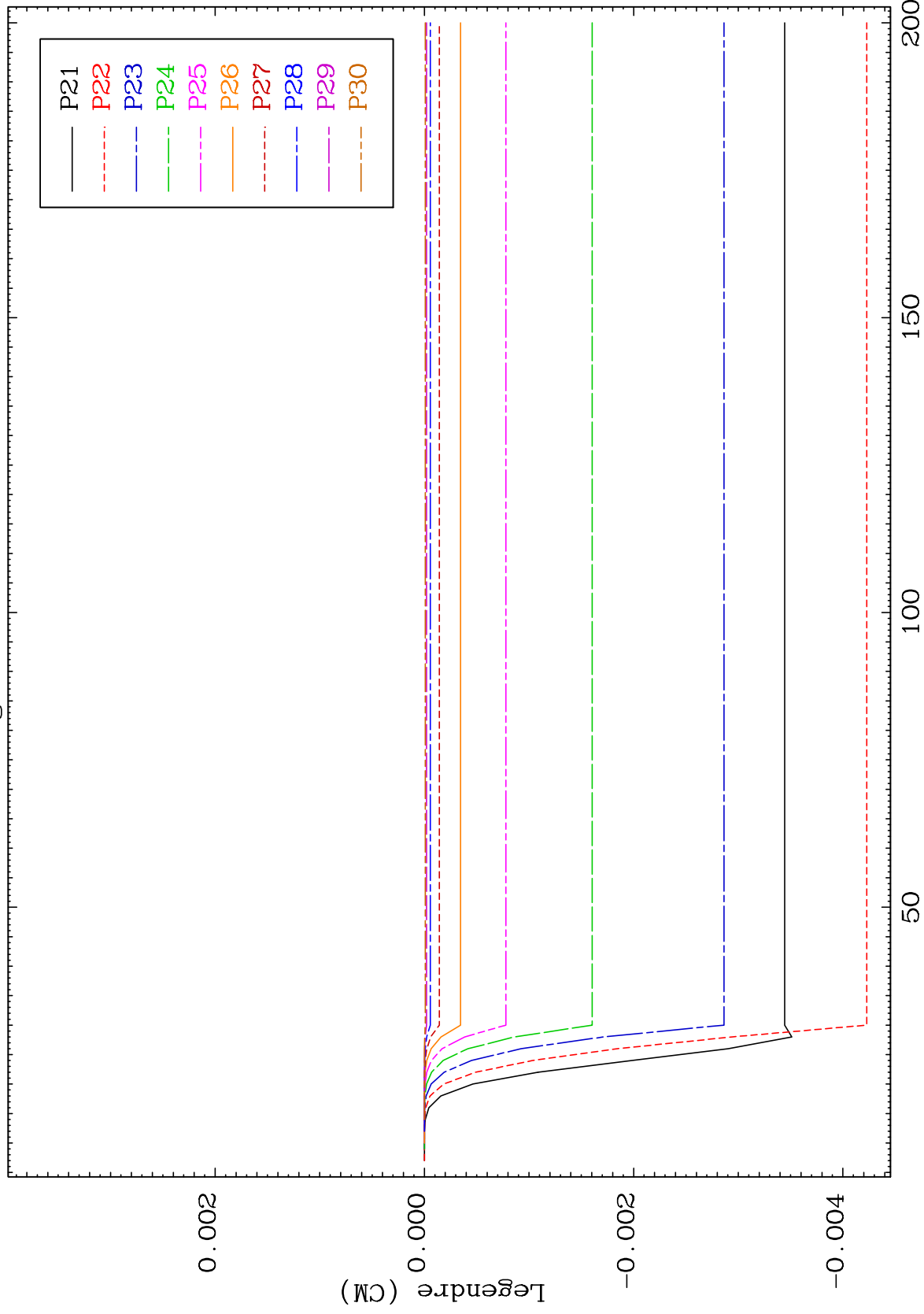
83-Bi-214



MAT 8340

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

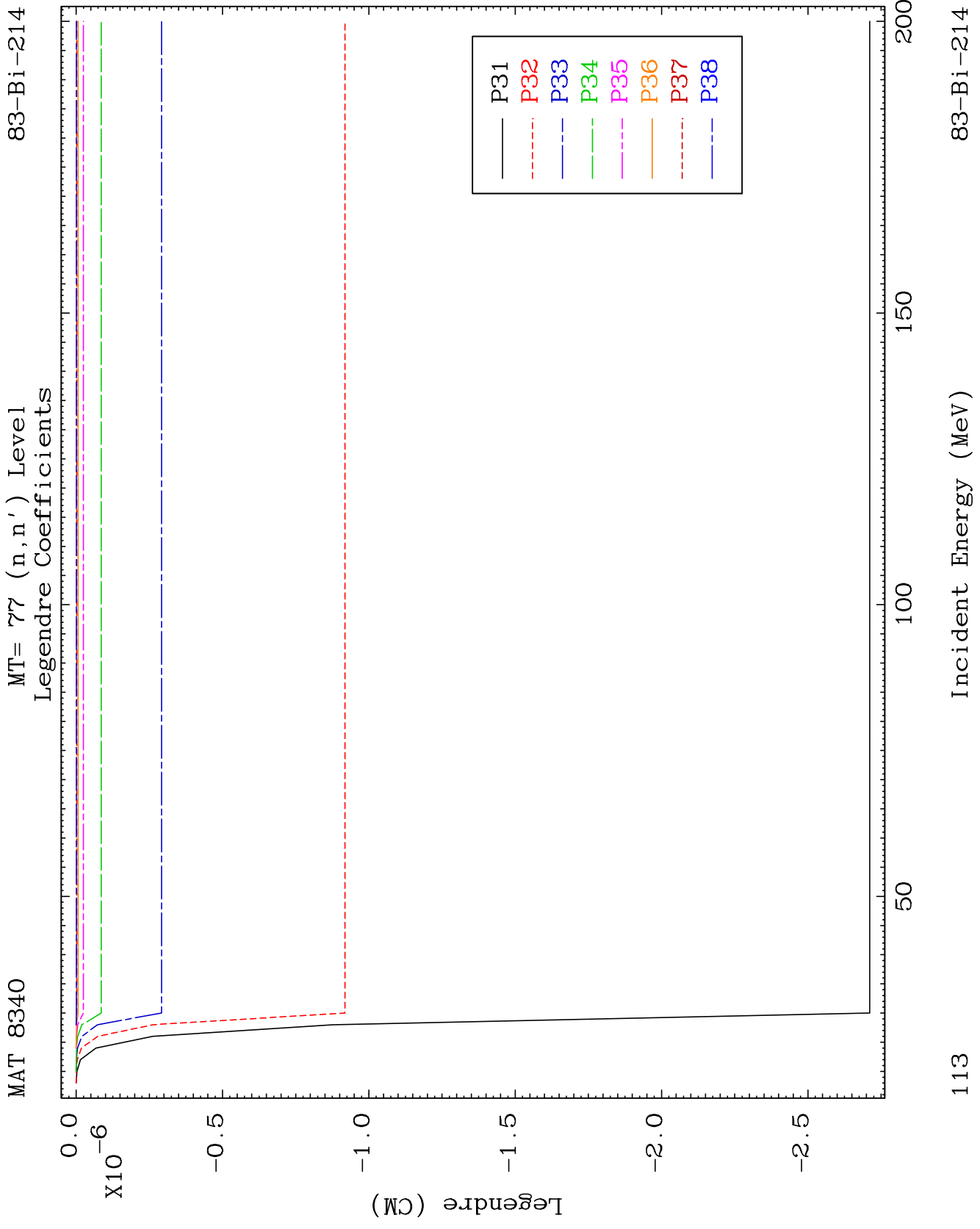
83-Bi-214



112

Incident Energy (MeV)

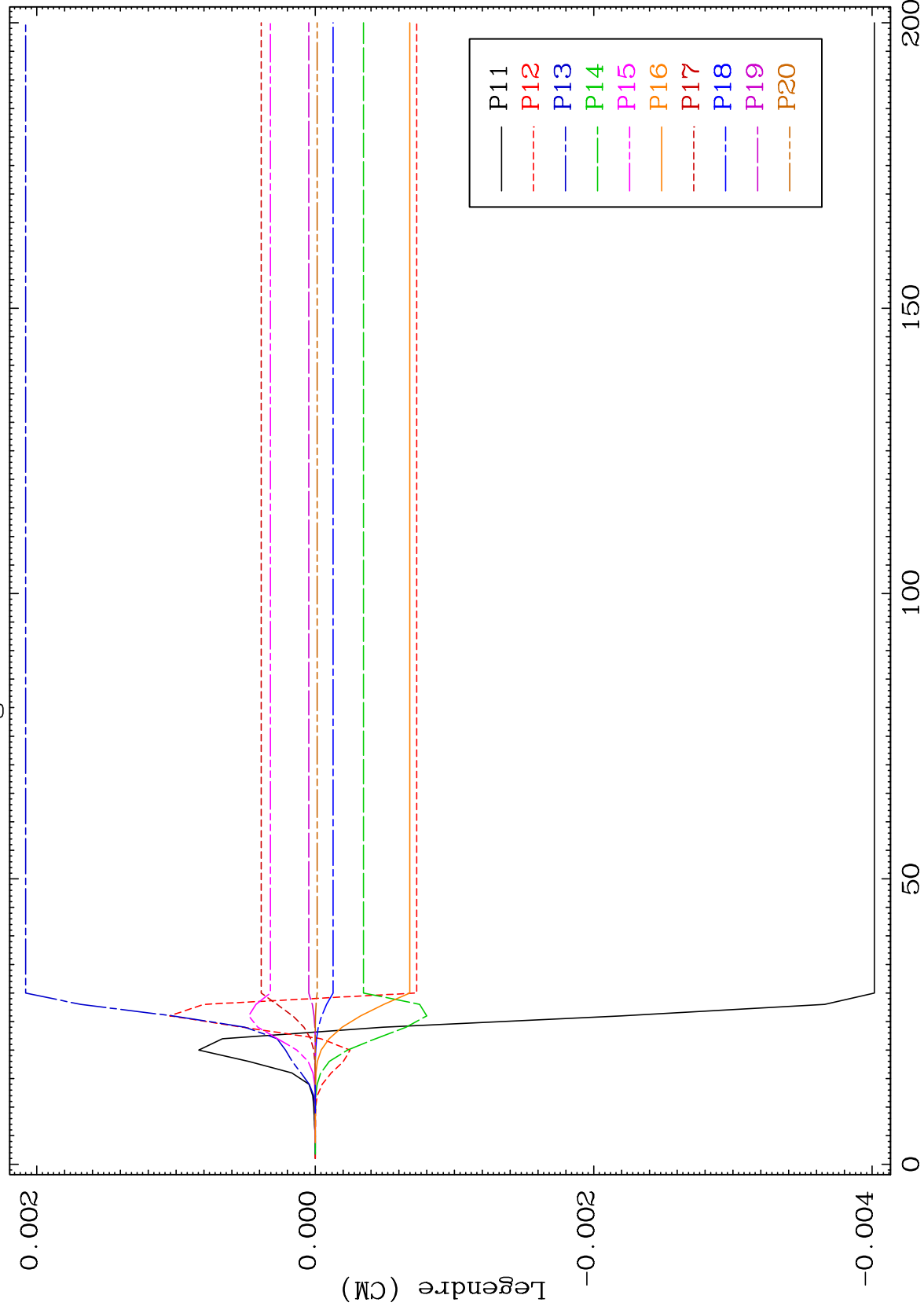
83-Bi-214



MAT 8340

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

83-Bi-214



115

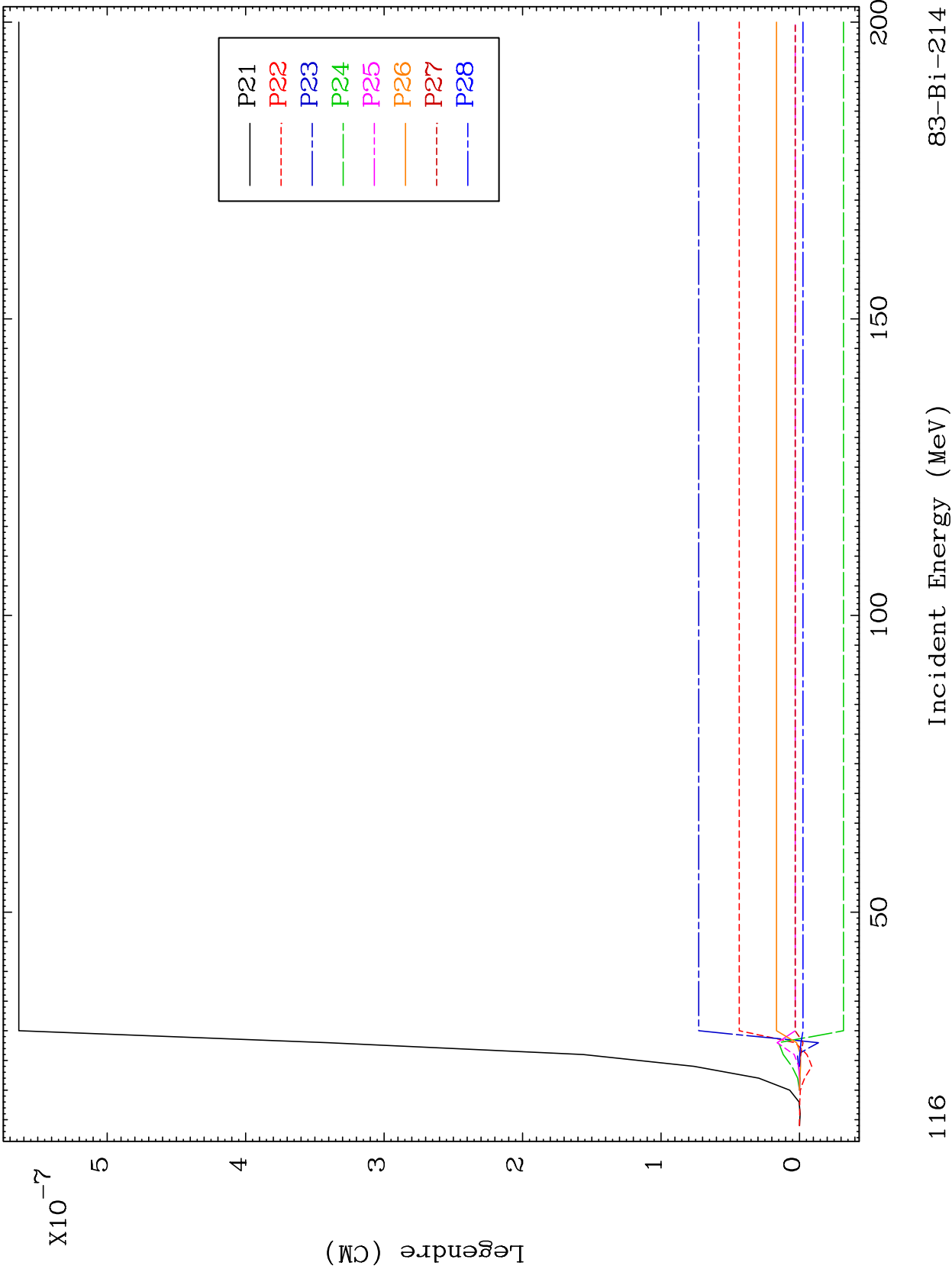
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



116

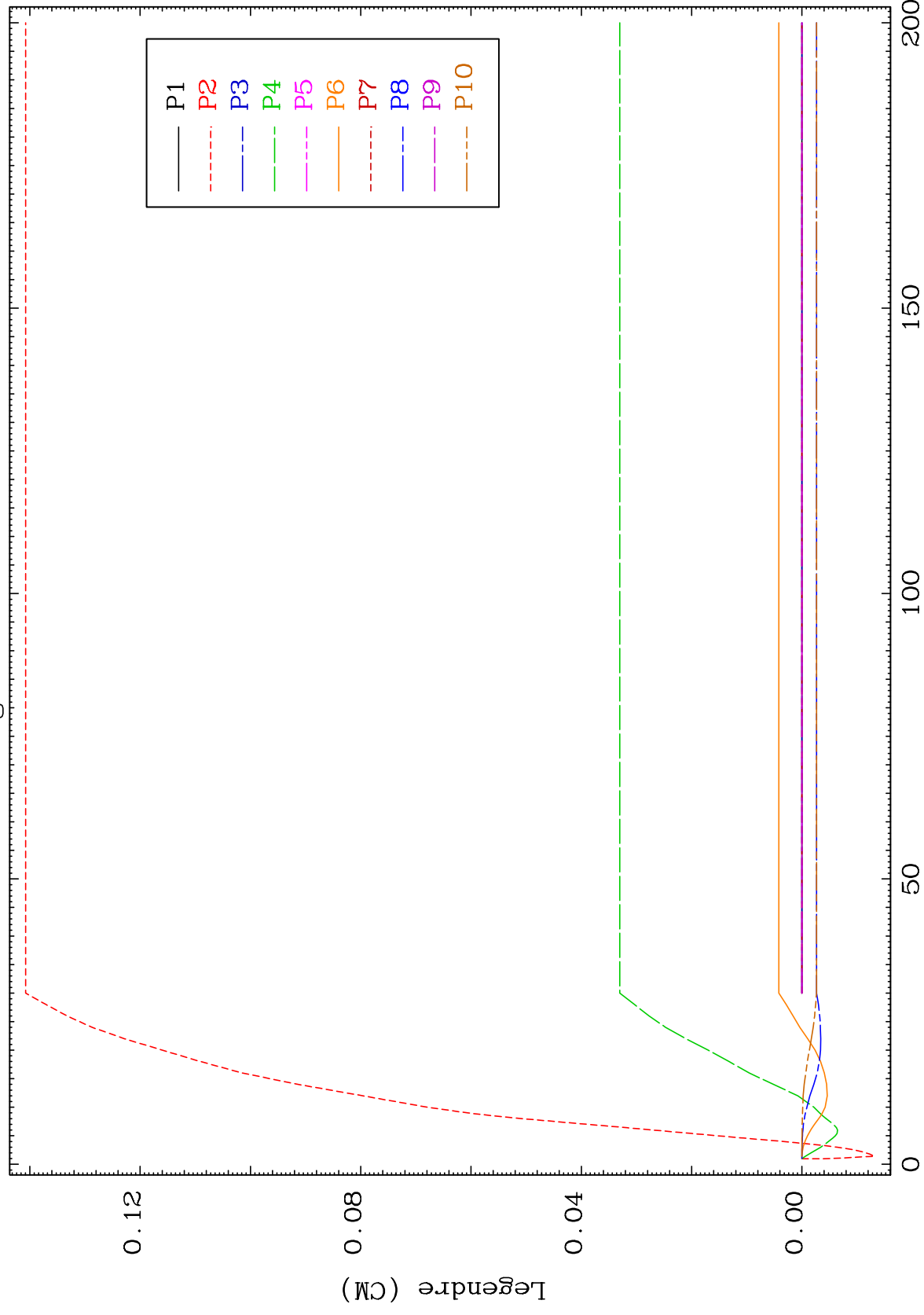
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

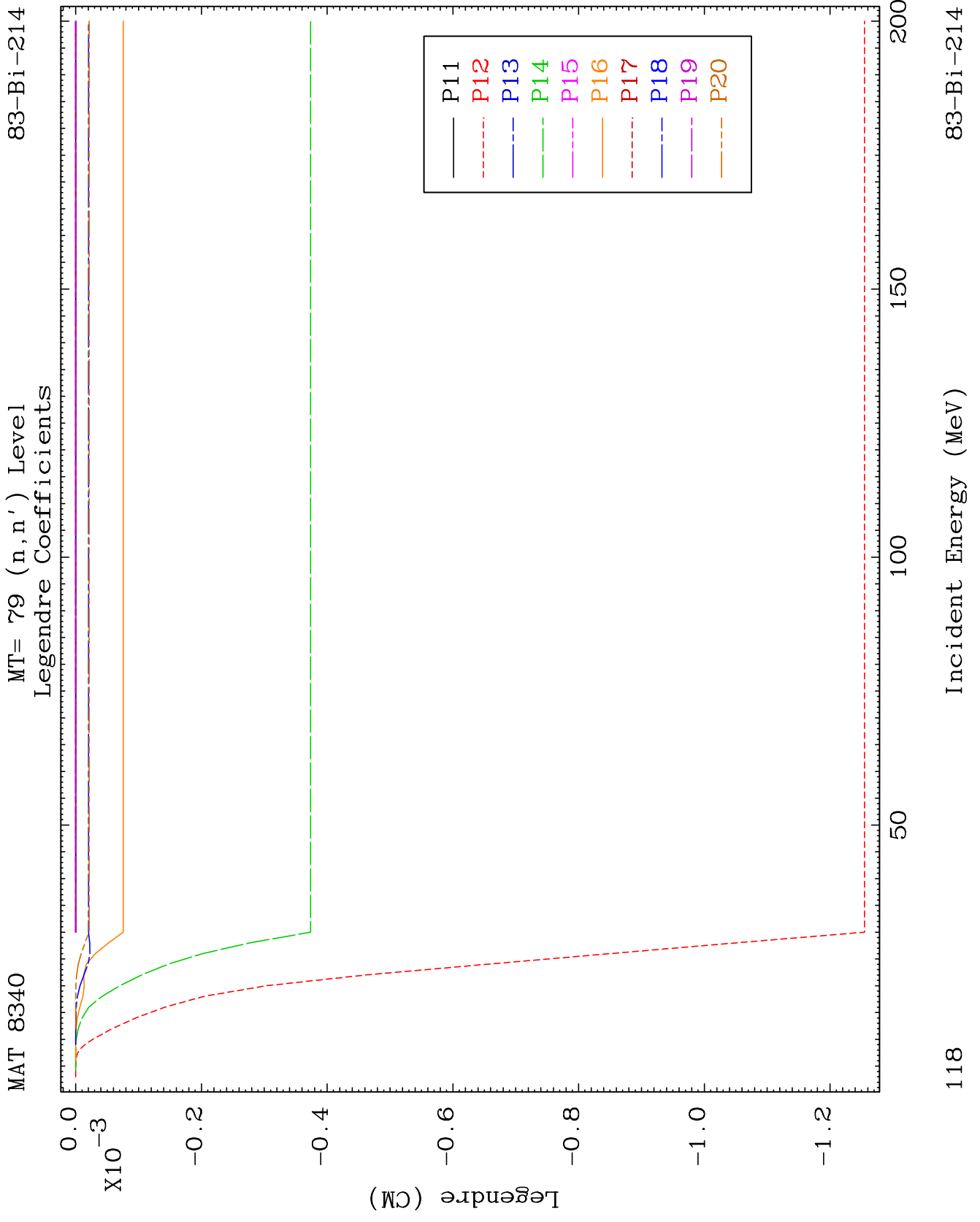
83-Bi-214

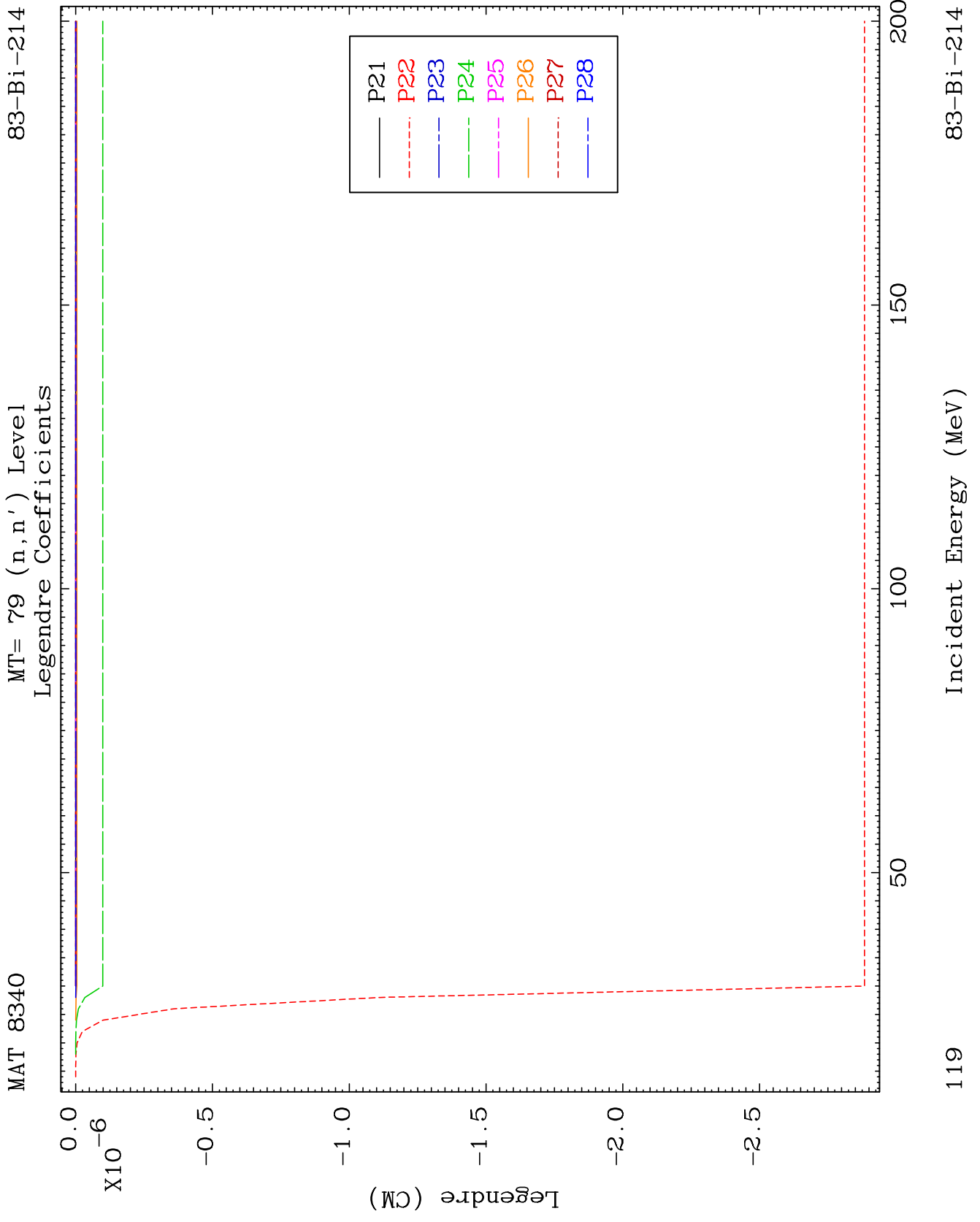


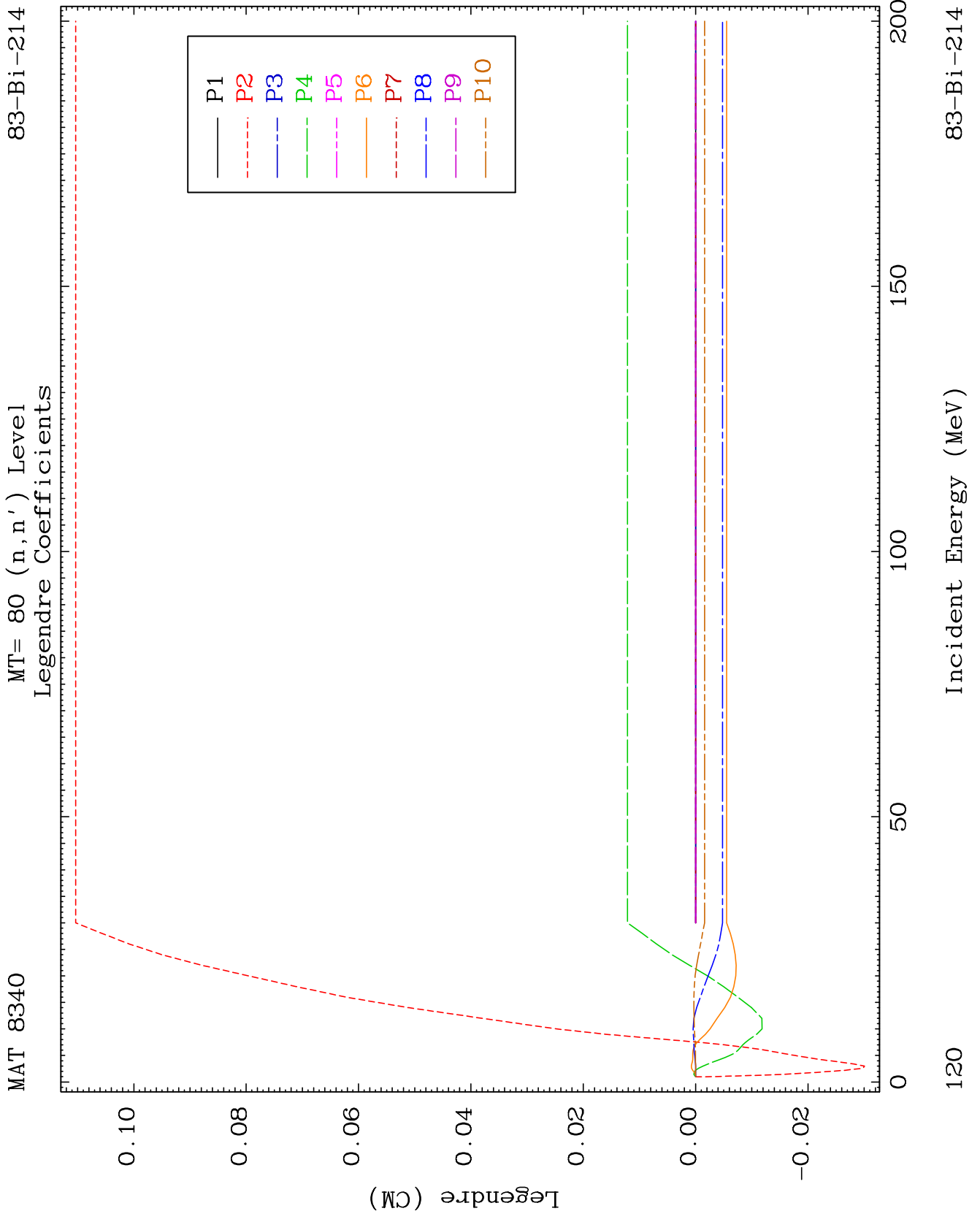
117

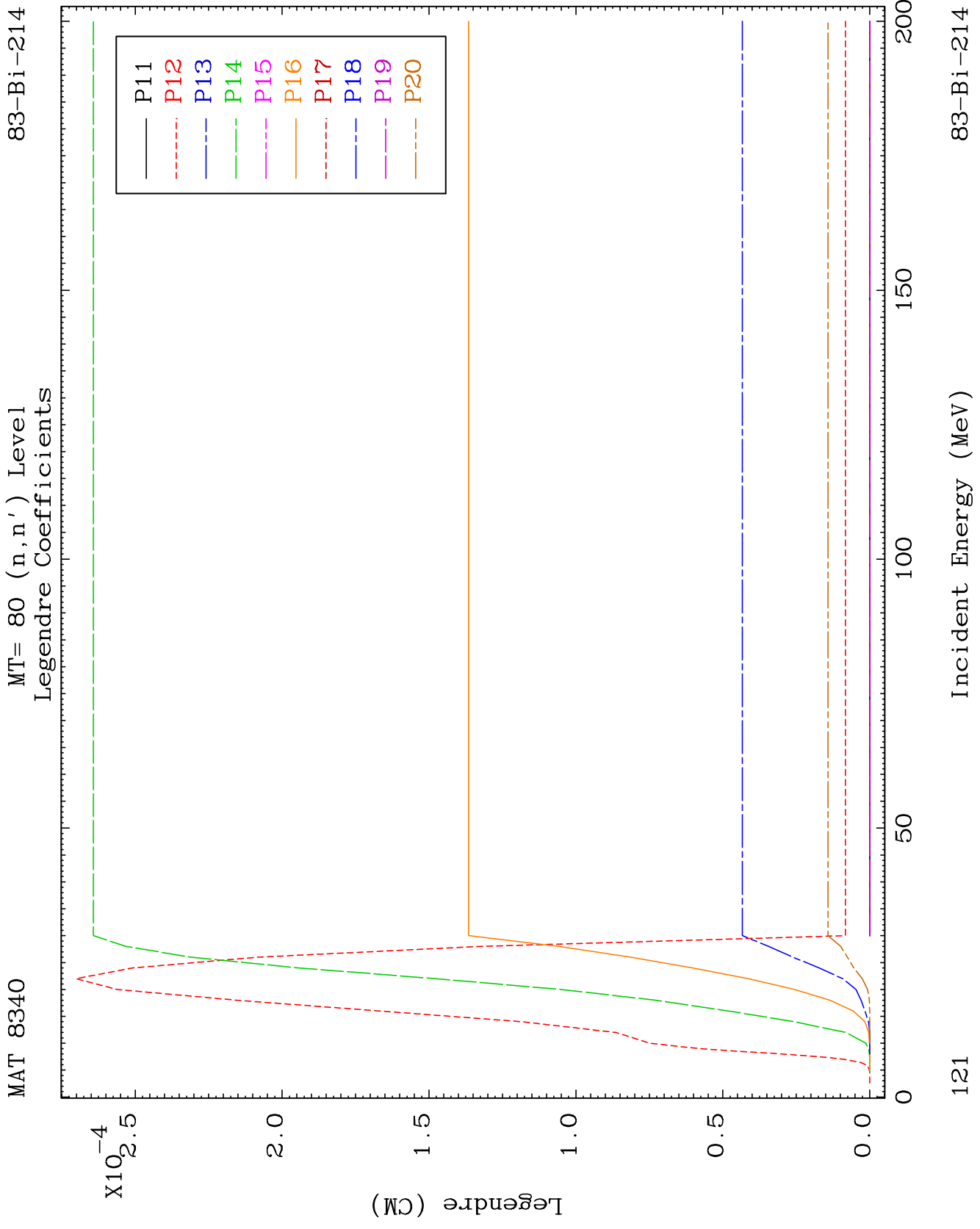
Incident Energy (MeV)

83-Bi-214





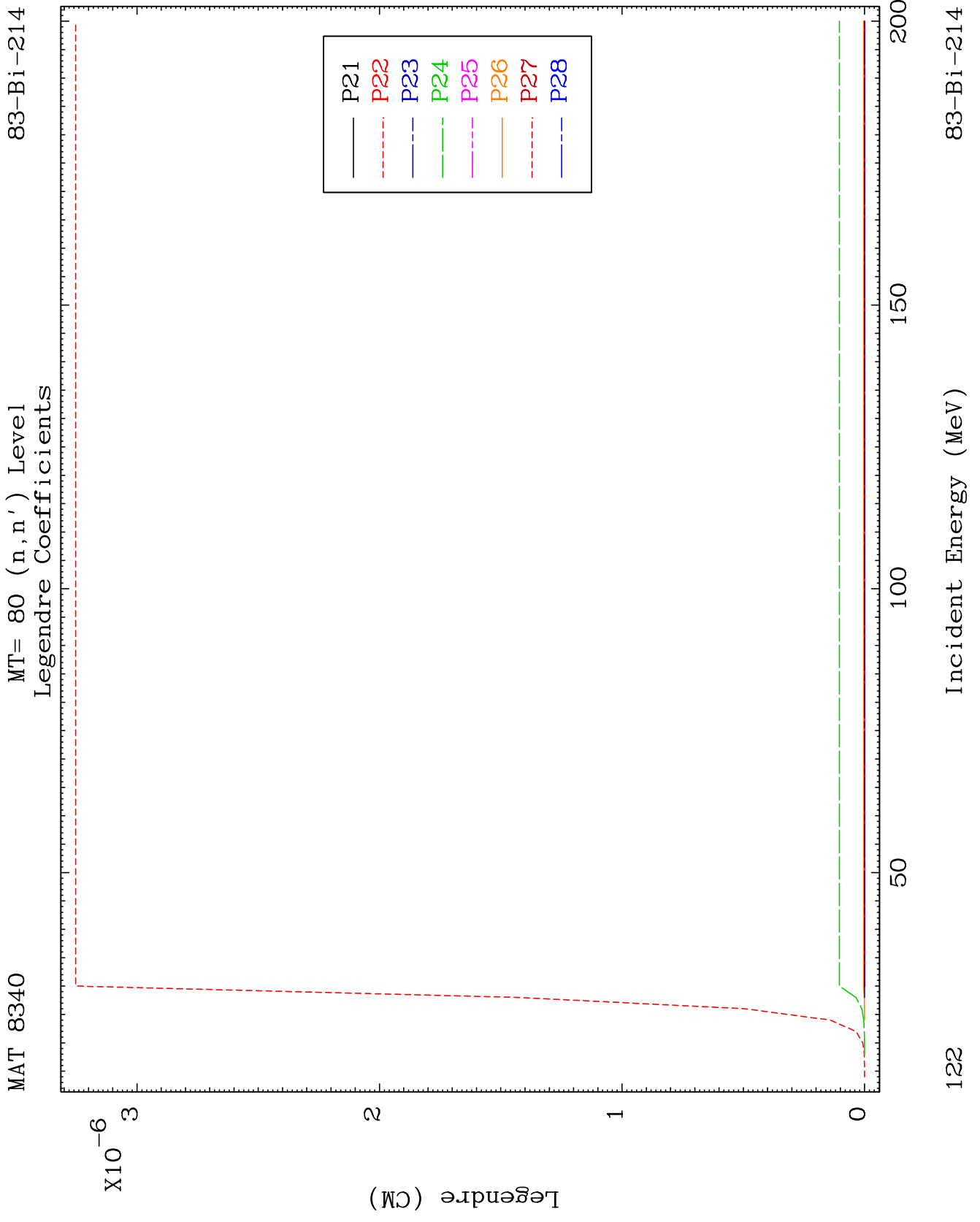




83-Bi-214

83-Bi-214

121

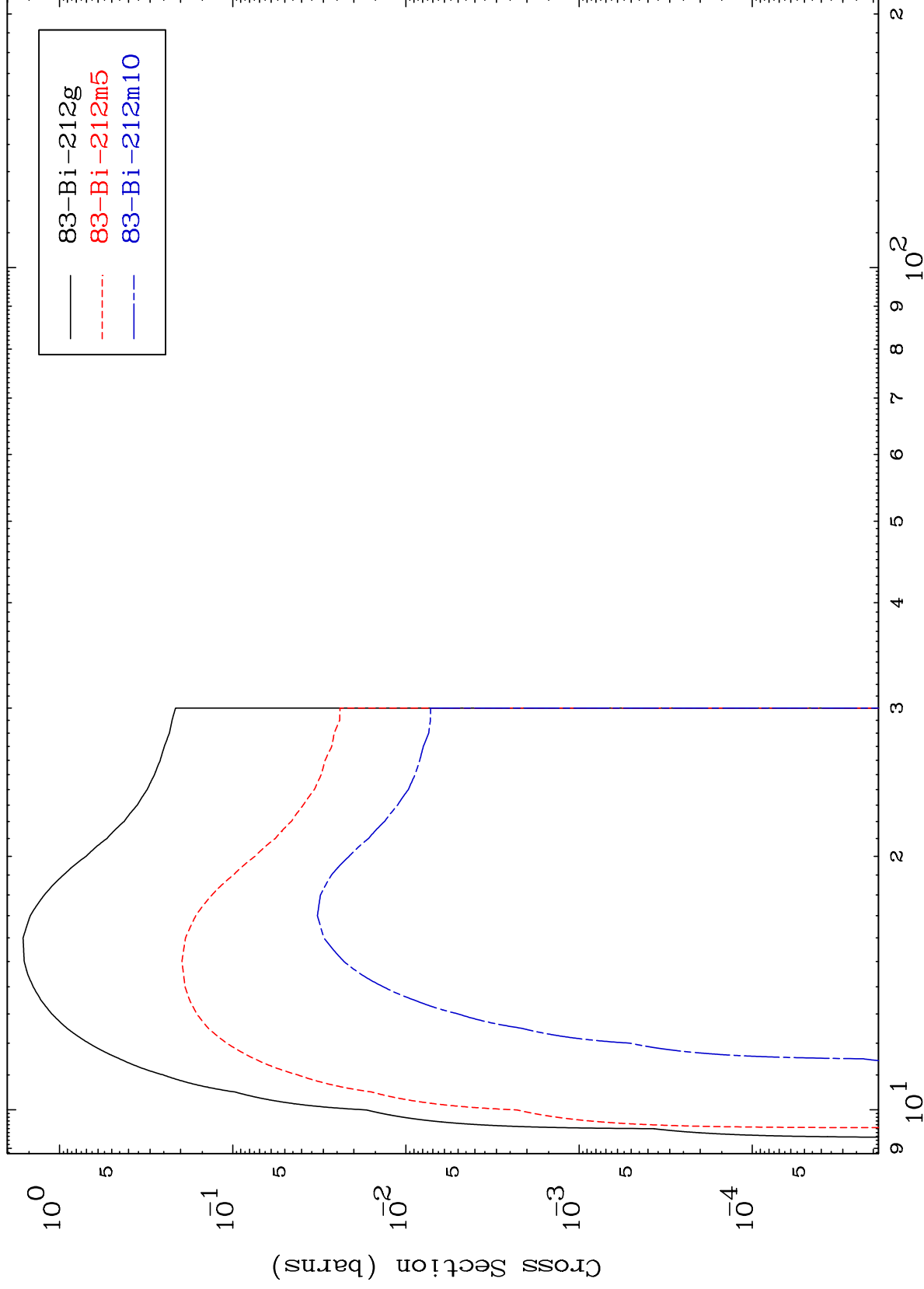


MAT 8340

(n,3n)

83-Bi-214

Radionuclide Production Cross Section



123

Incident Energy (MeV)

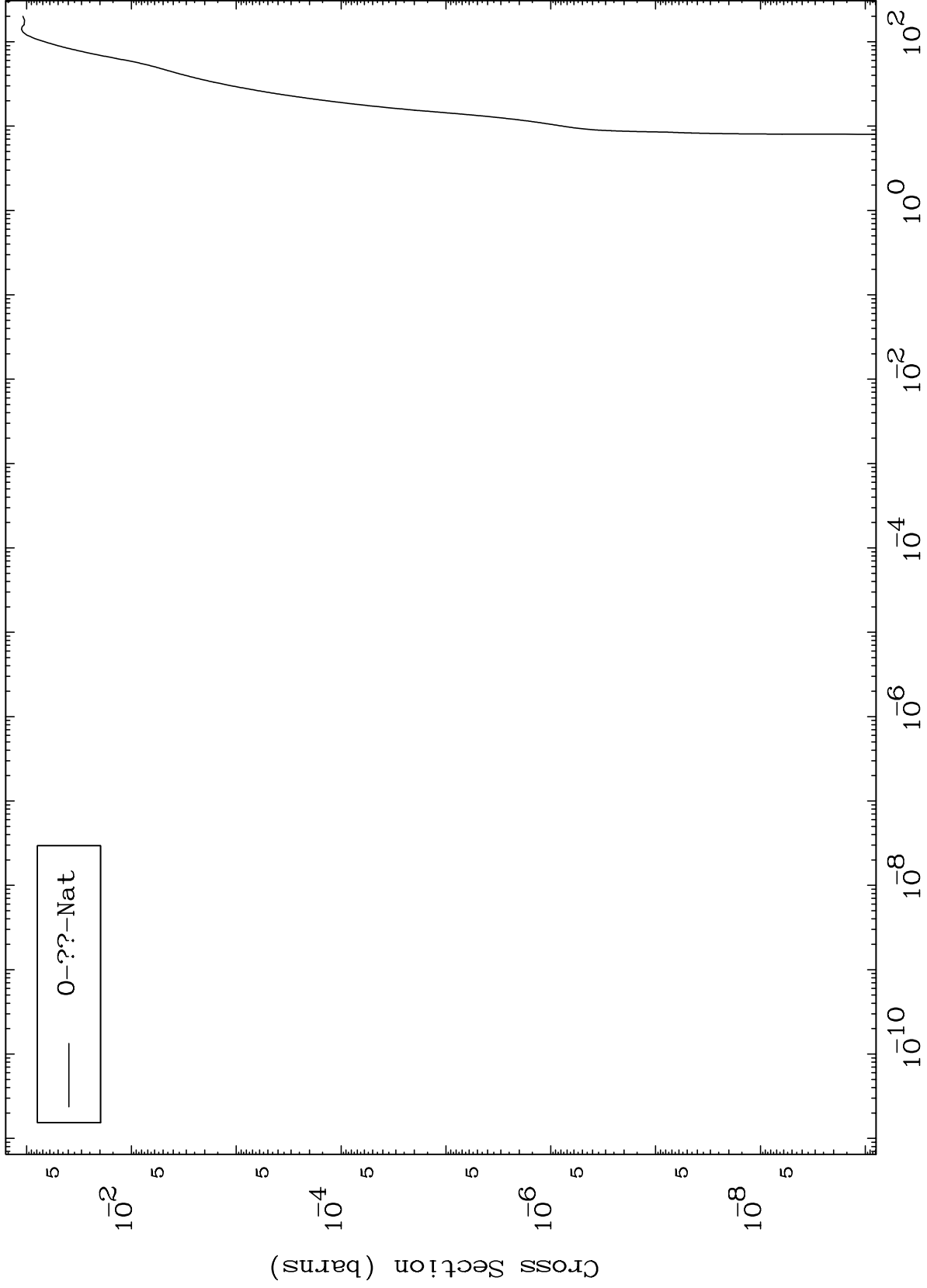
83-Bi-214

MAT 8340

Fission

83-Bi-214

Radionuclide Production Cross Section



124

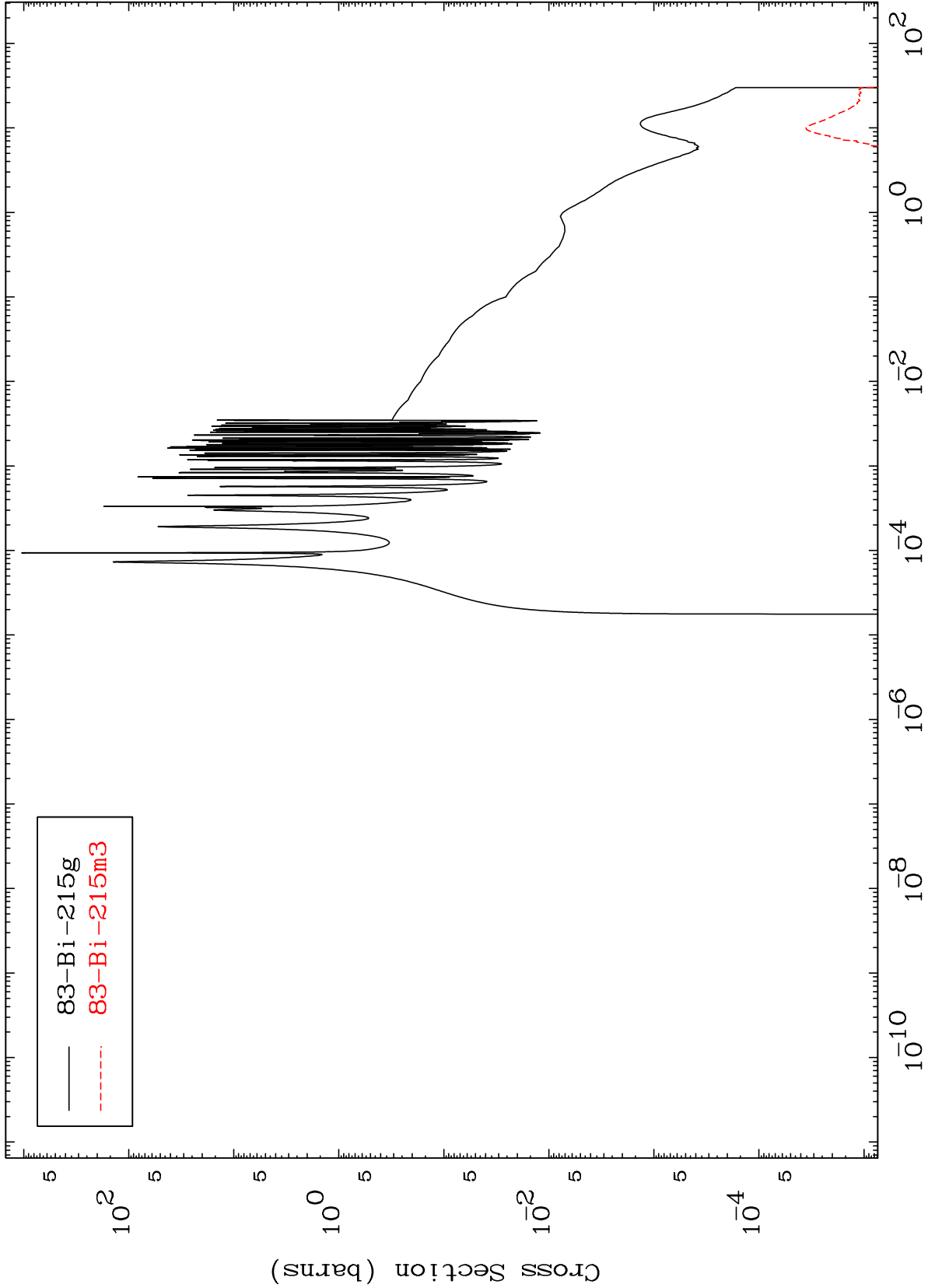
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

(n,γ)
Radionuclide Production Cross Section



— 83-Bi-215g
- - - 83-Bi-215m3

83-Bi-214

Incident Energy (MeV)

125