

Program EVALPLOT
(Version 2021-1)

by

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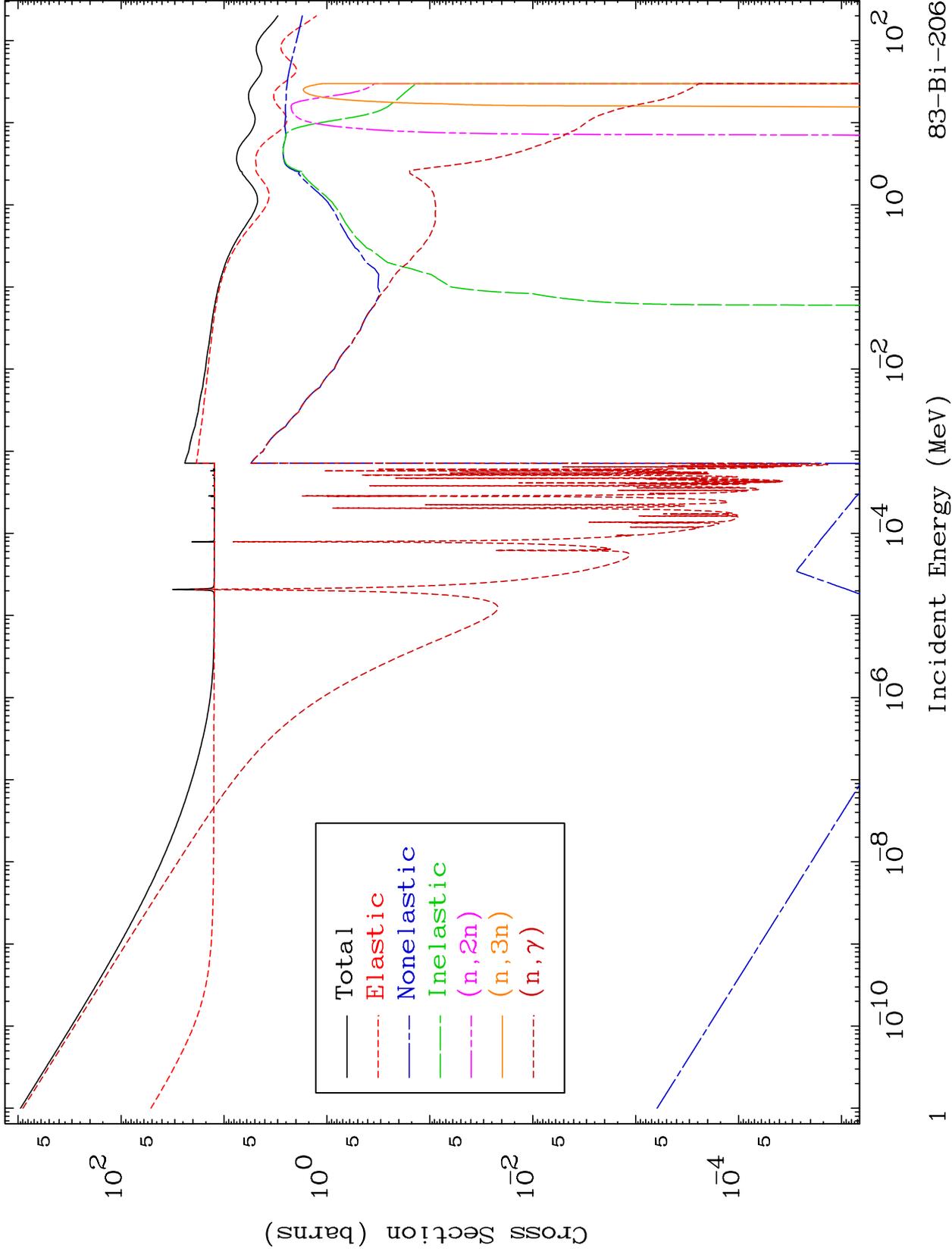
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Press Mouse Button to Start

MAT 8316

Neutron Major
293 Kelvin Cross Sections

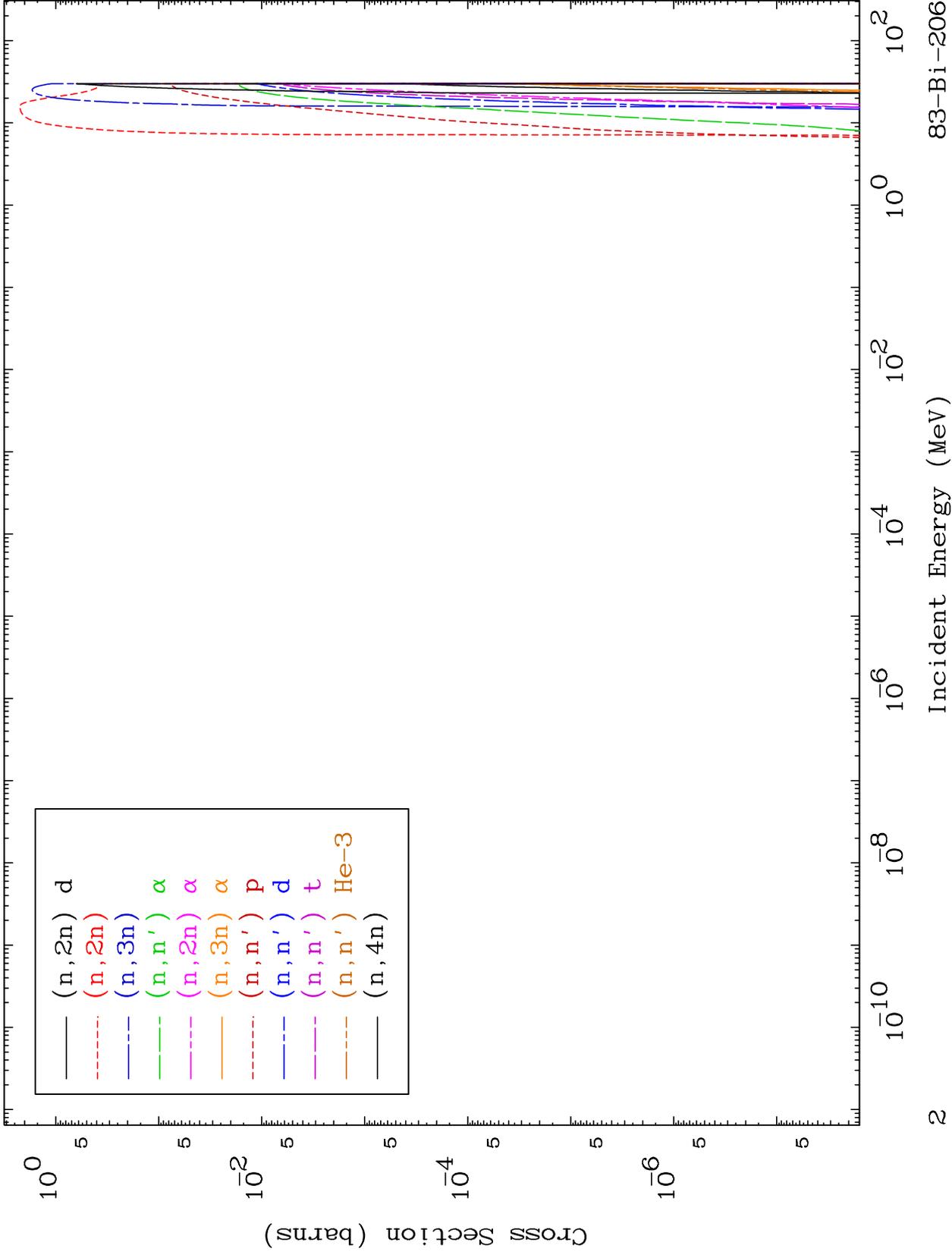
83-Bi-206

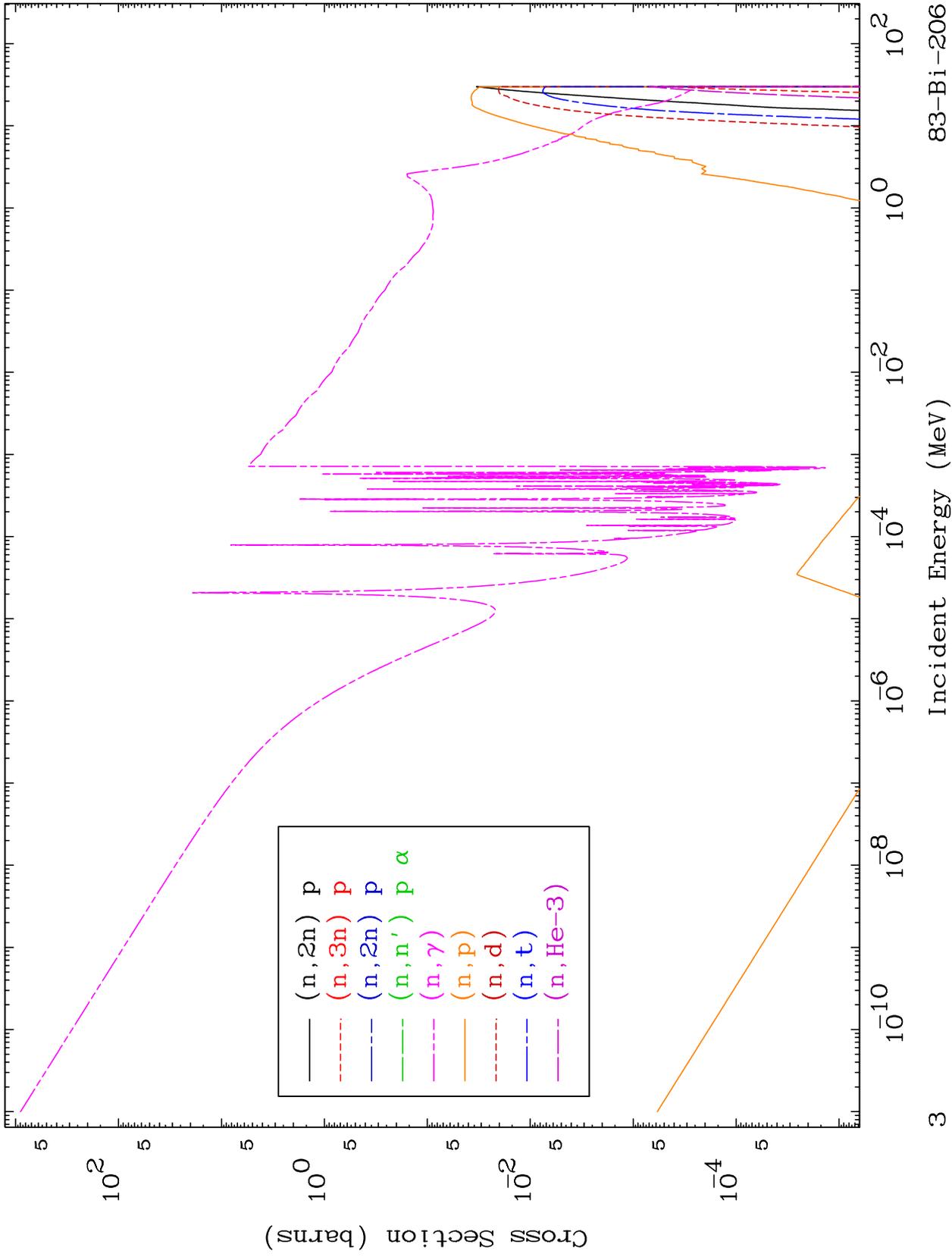


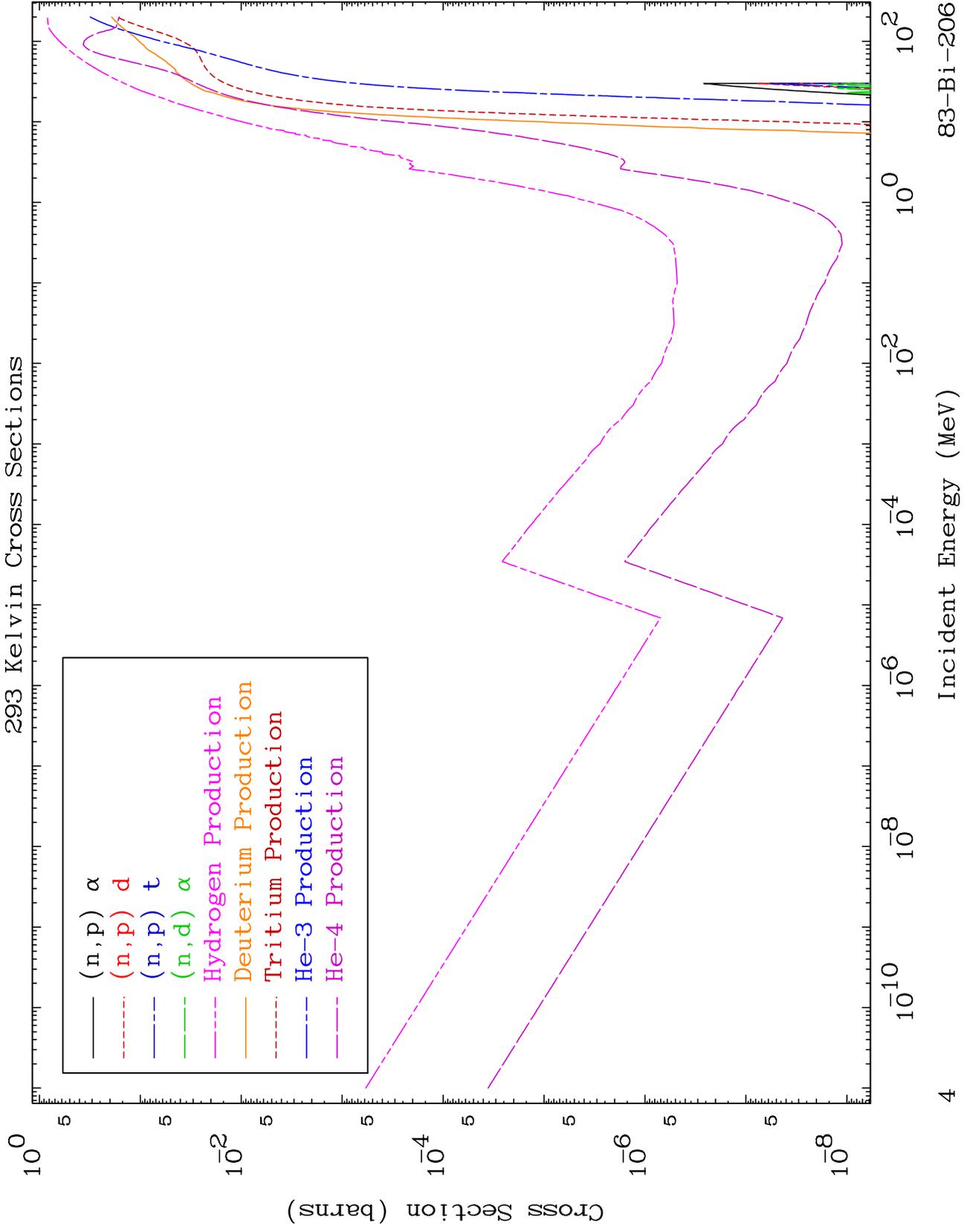
MAT 8316

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-206



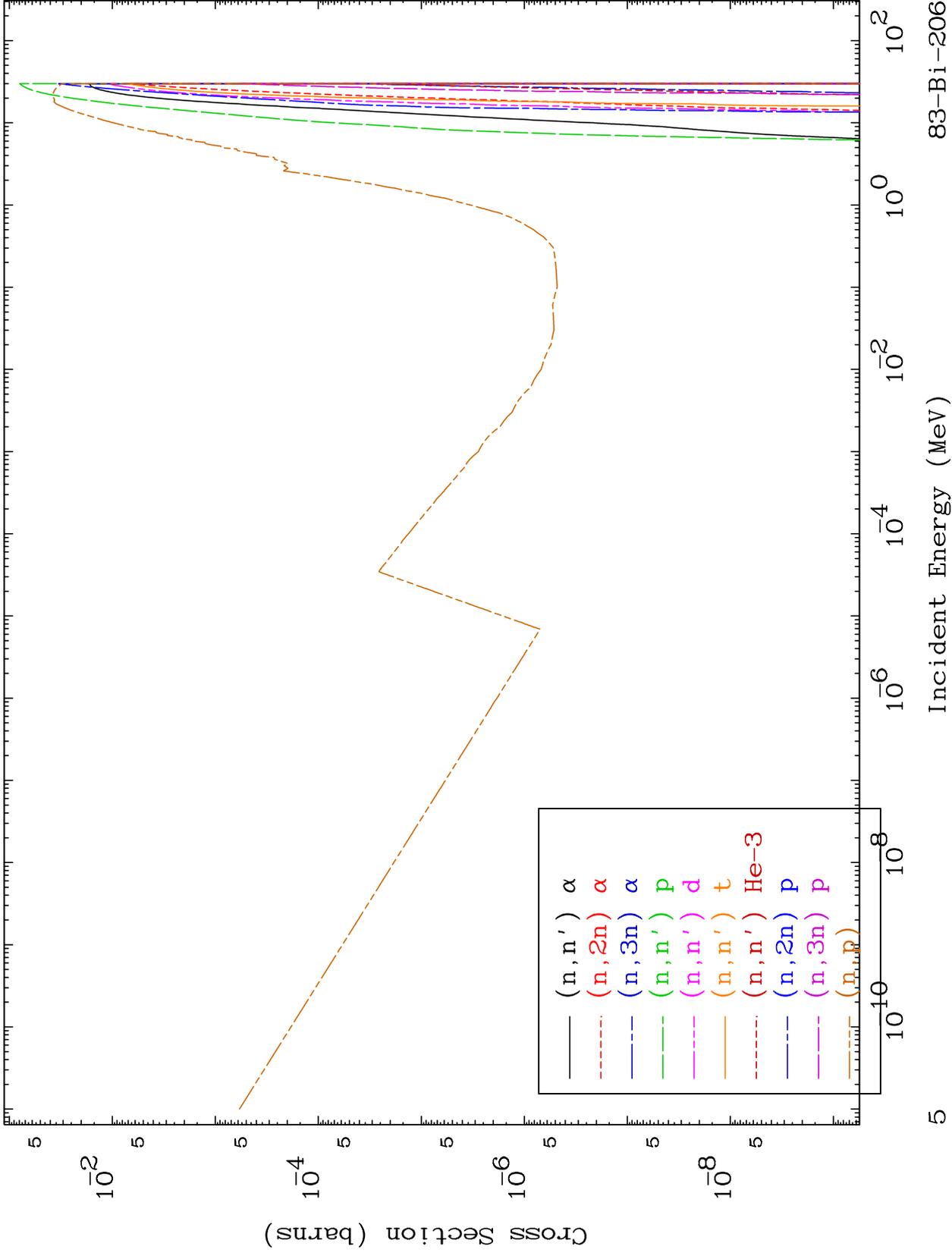




MAT 8316

Charged Particle
293 Kelvin Cross Sections

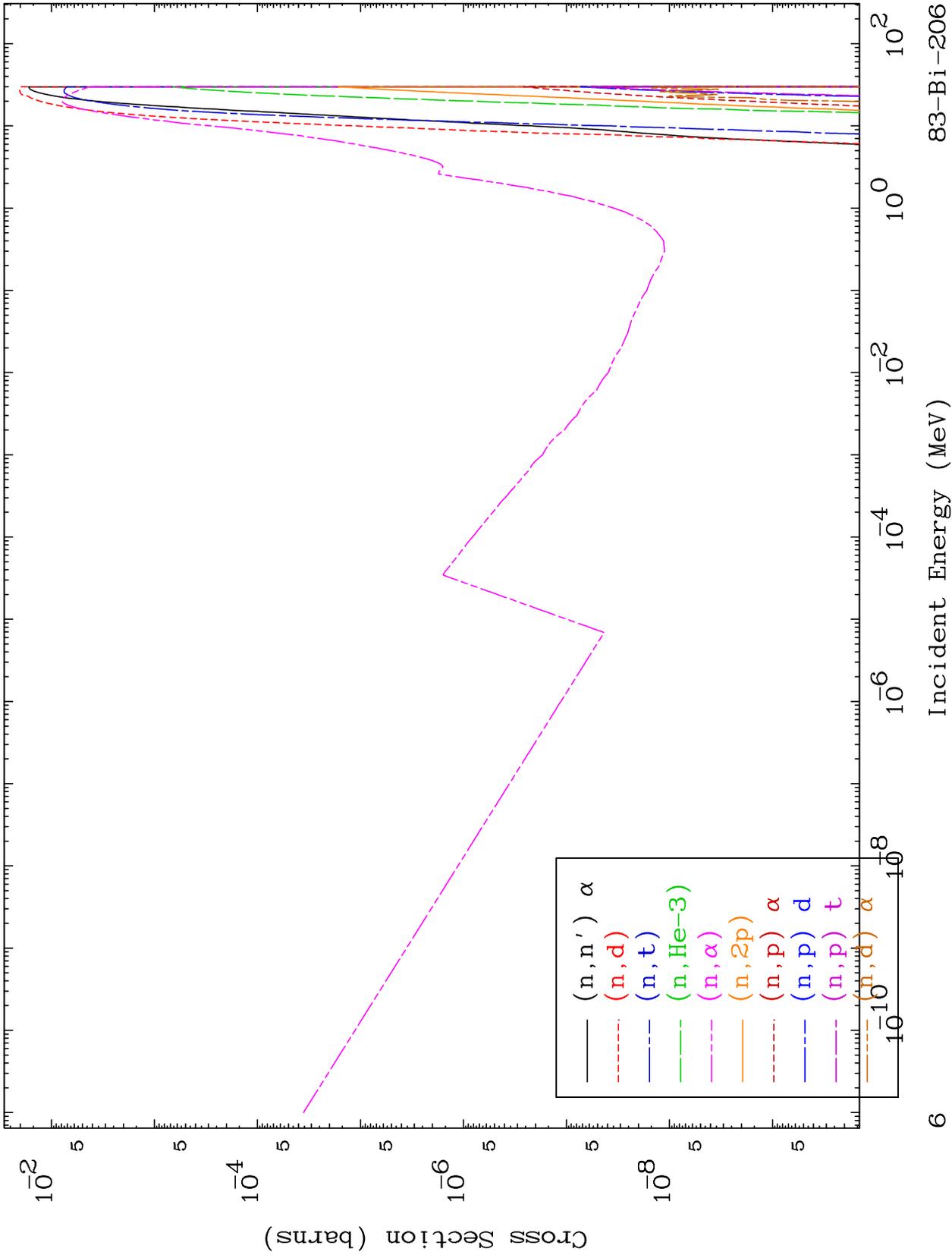
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MAT 8316

Charged Particle
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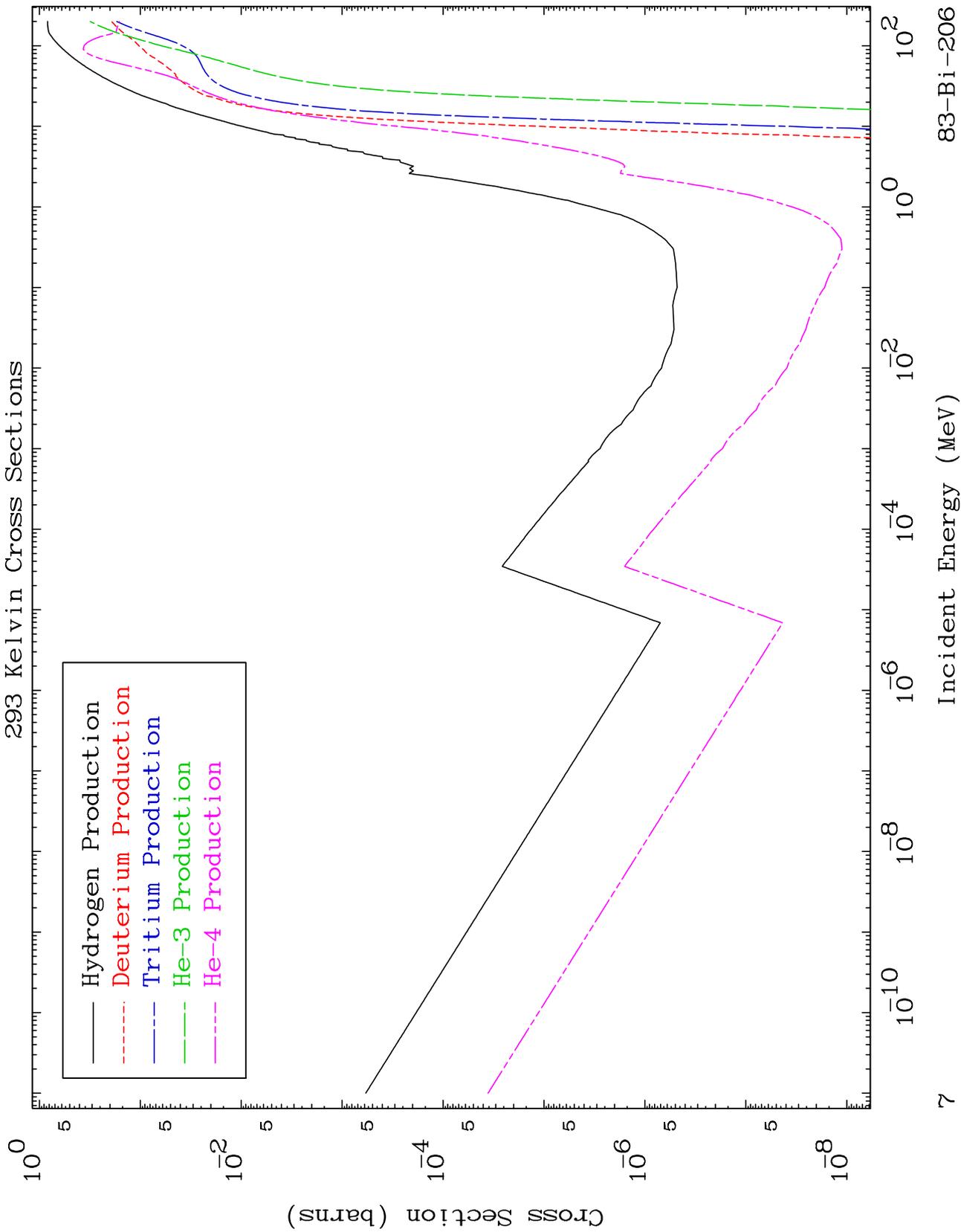
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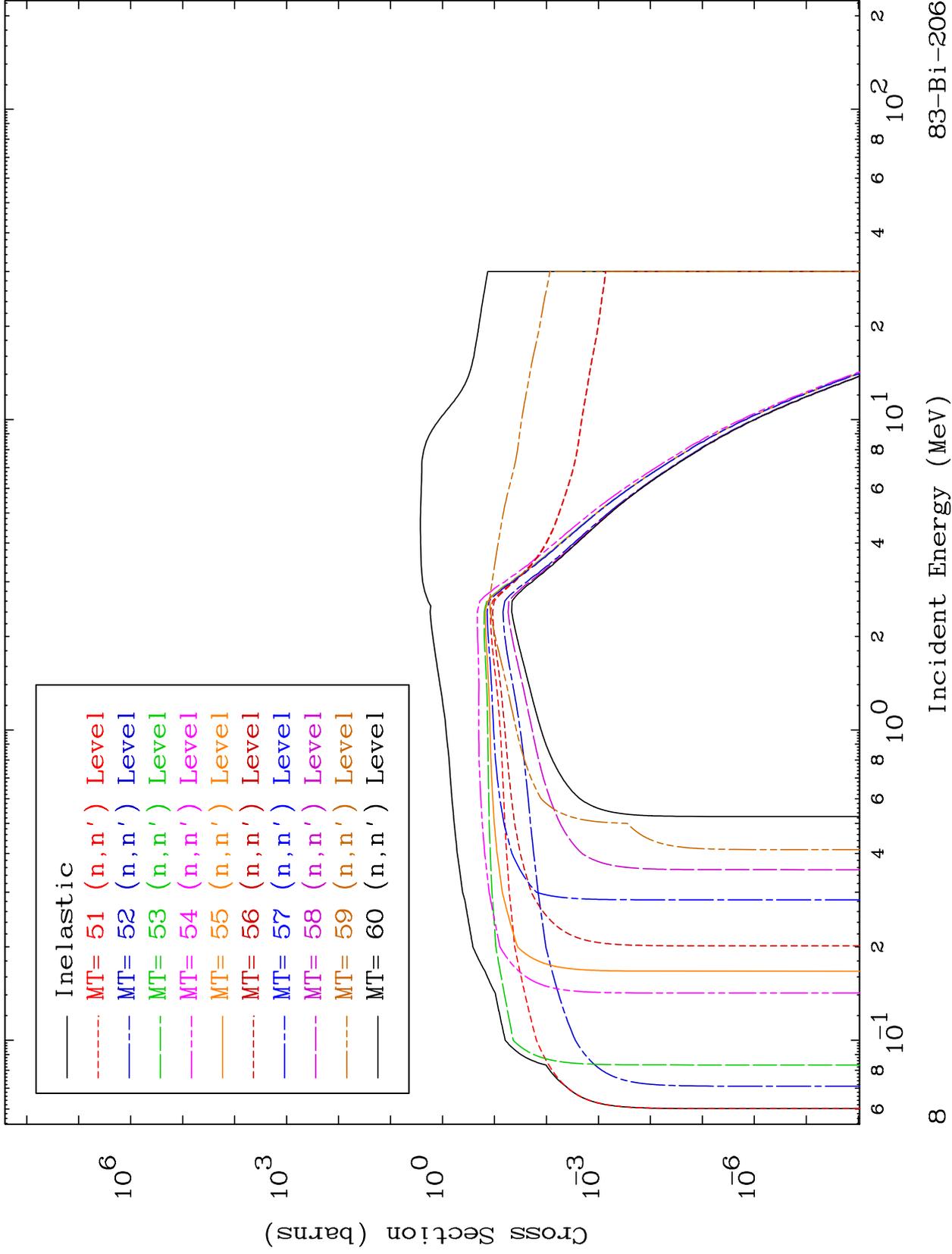


MAT 8316

Particle Production
293 Kelvin Cross Sections

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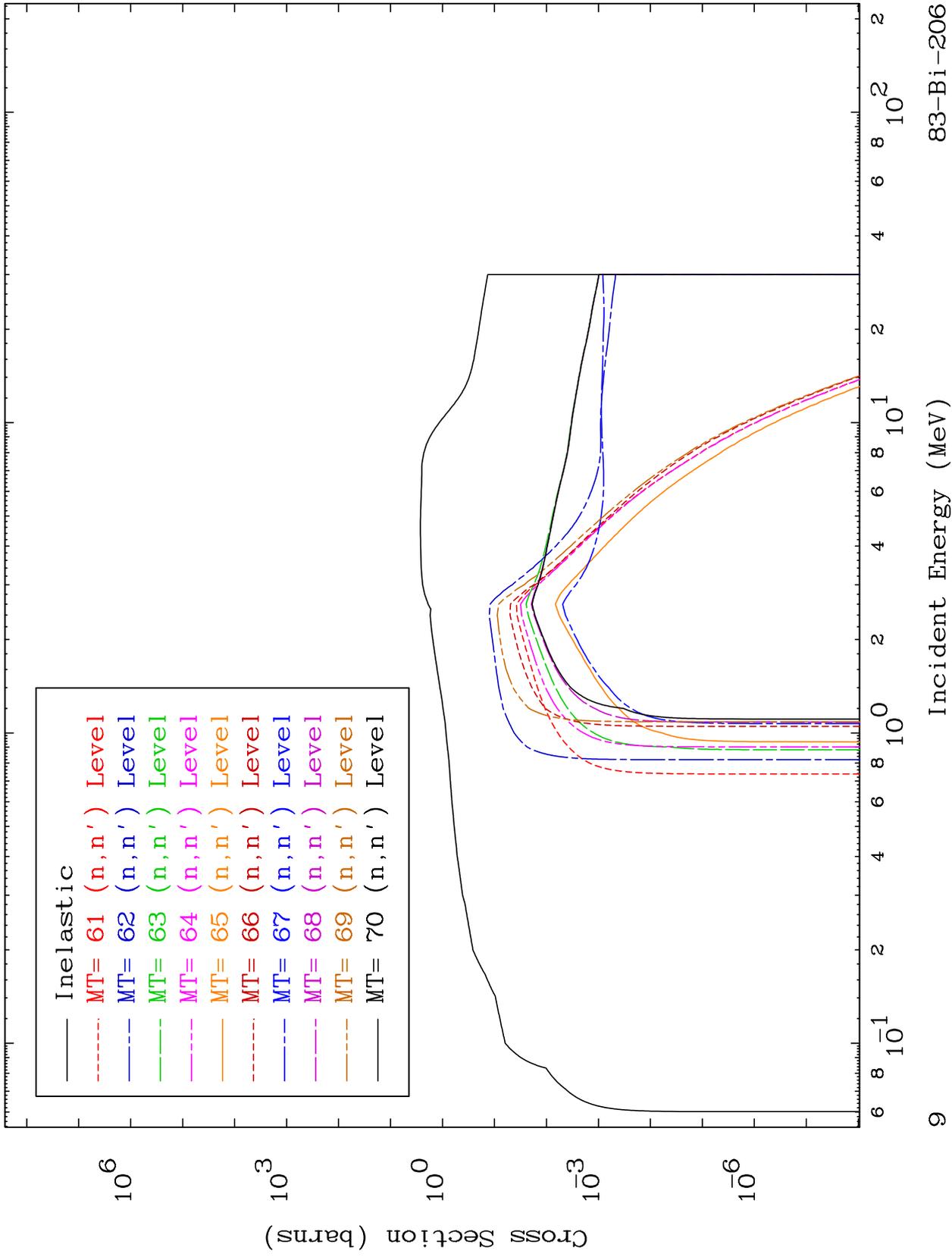




MAT 8316

(n,n') Levels
293 Kelvin Cross Sections

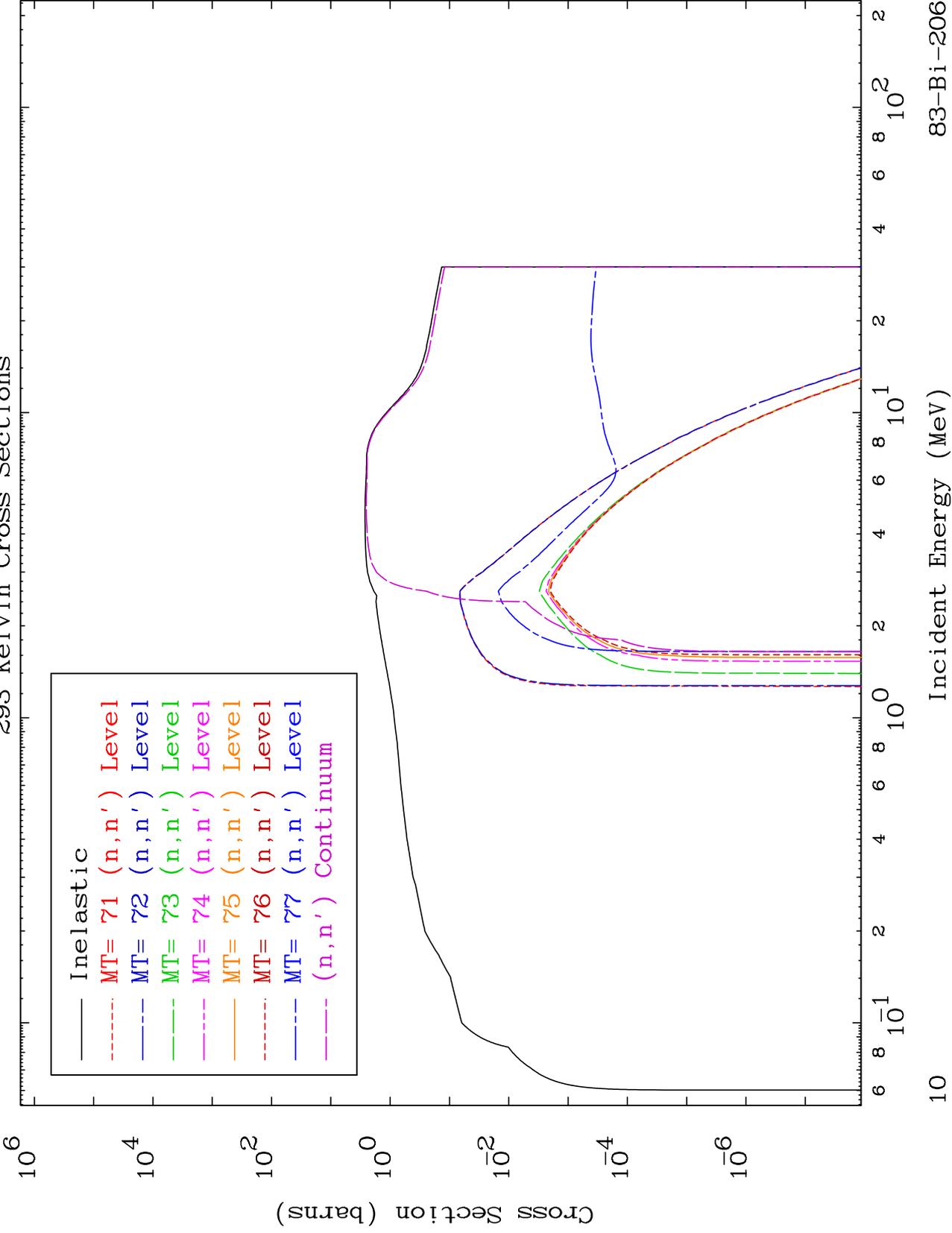
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MAT 8316

(n,n') Levels
293 Kelvin Cross Sections

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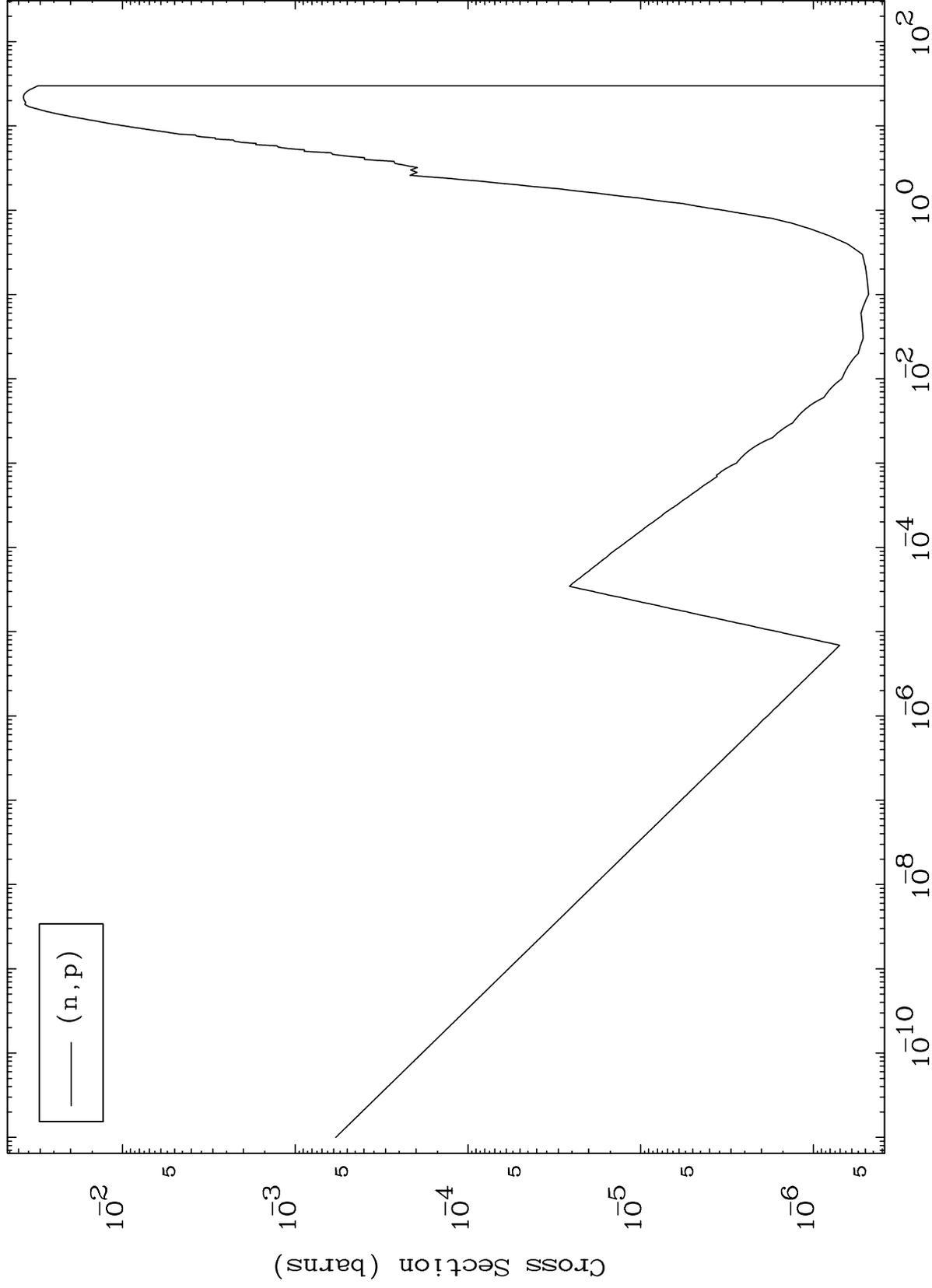


10

MAT 8316

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-206



11

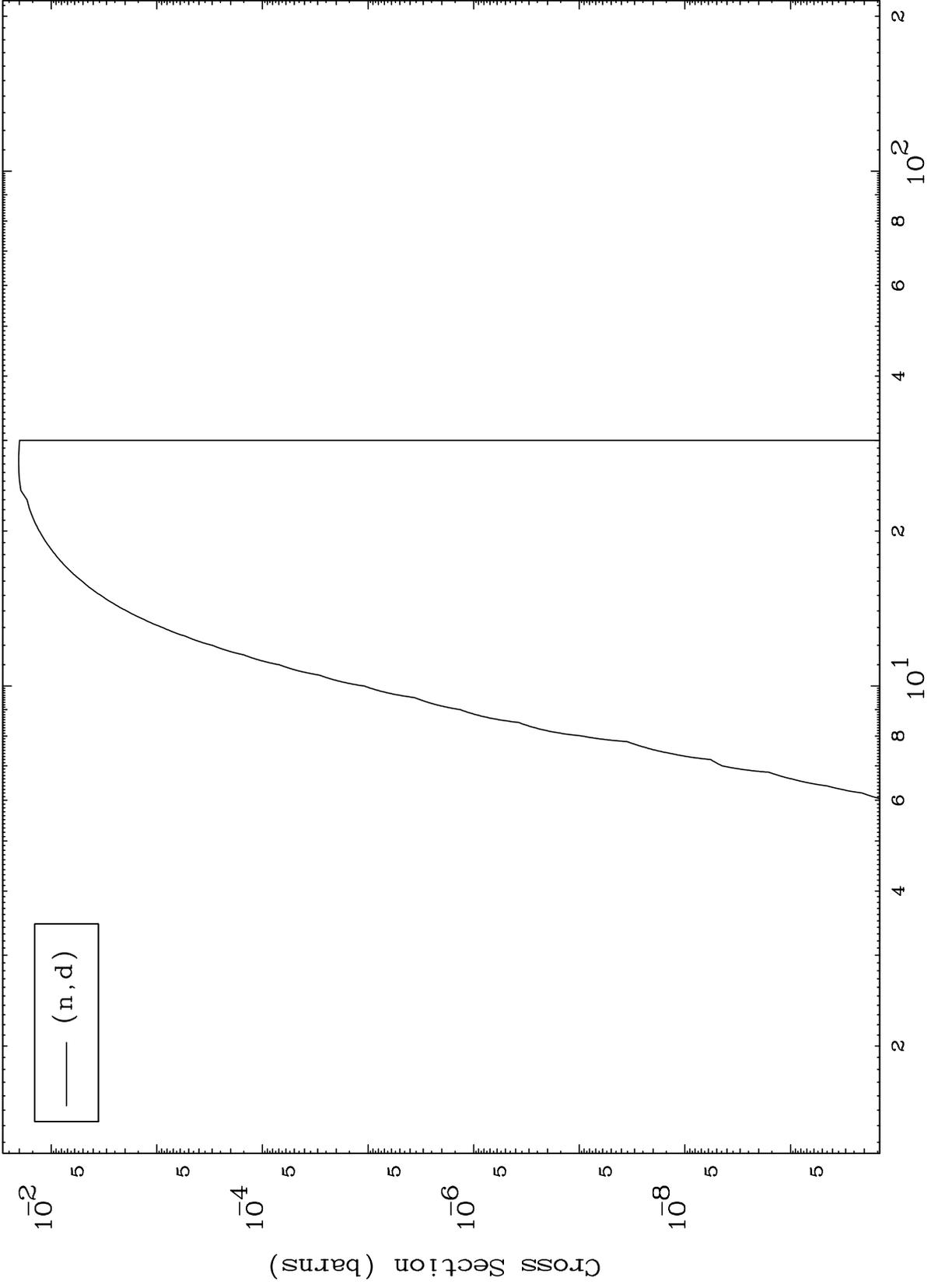
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83-Bi-206

MAT 8316

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-206



12

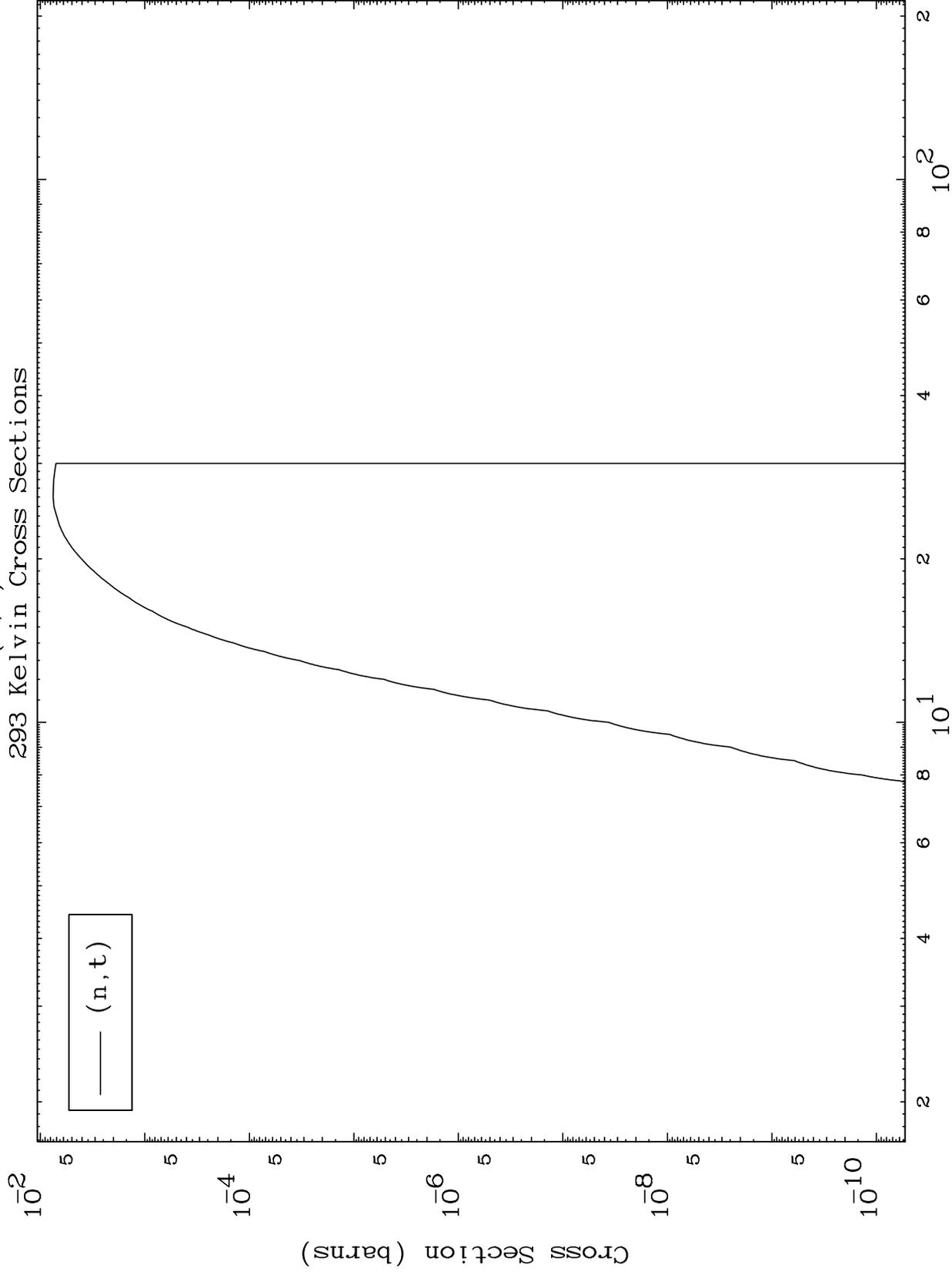
Incident Energy (MeV)

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MAT 8316

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-206



13

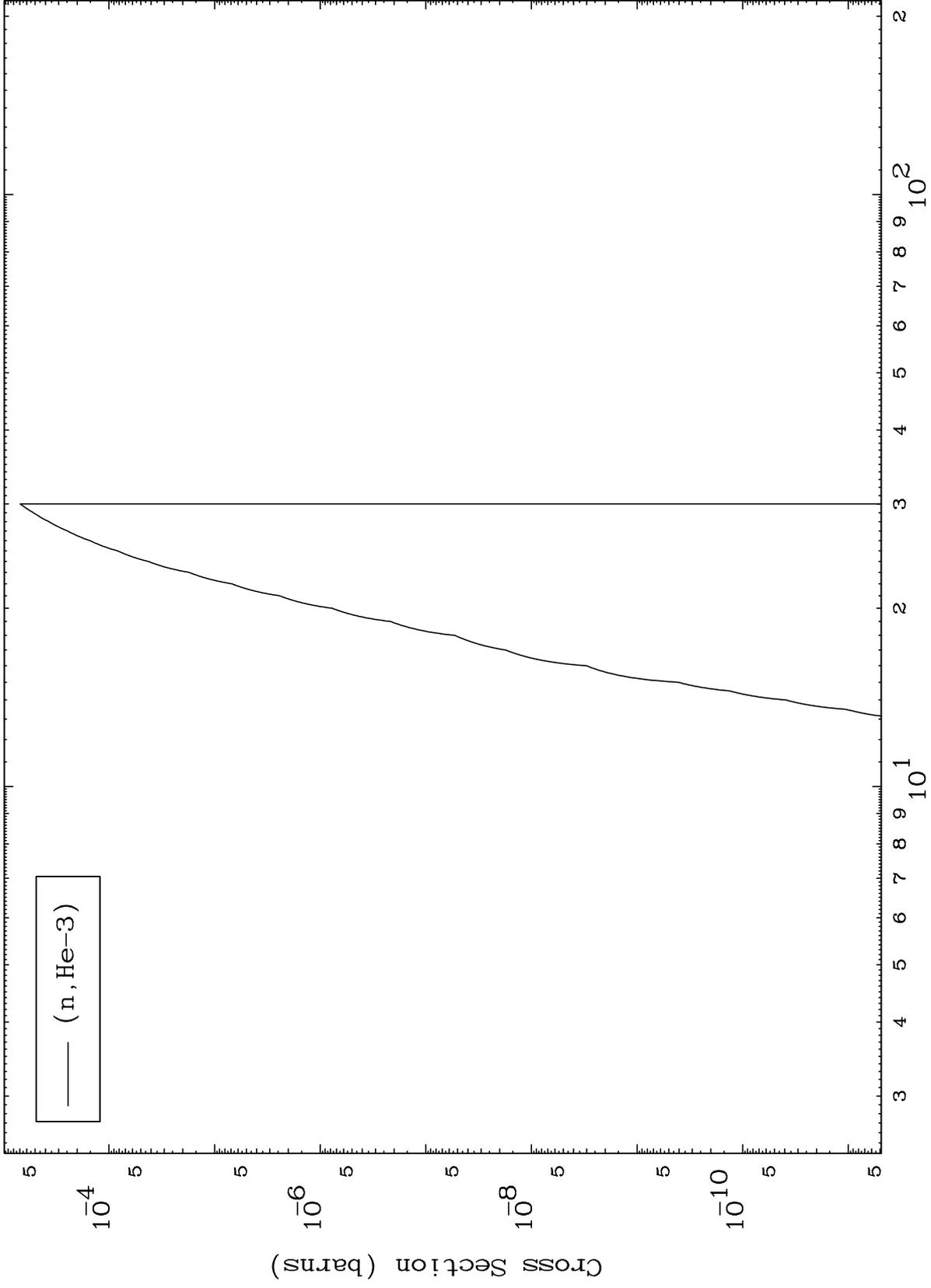
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MAT 8316

(n,He3) Levels
293 Kelvin Cross Sections

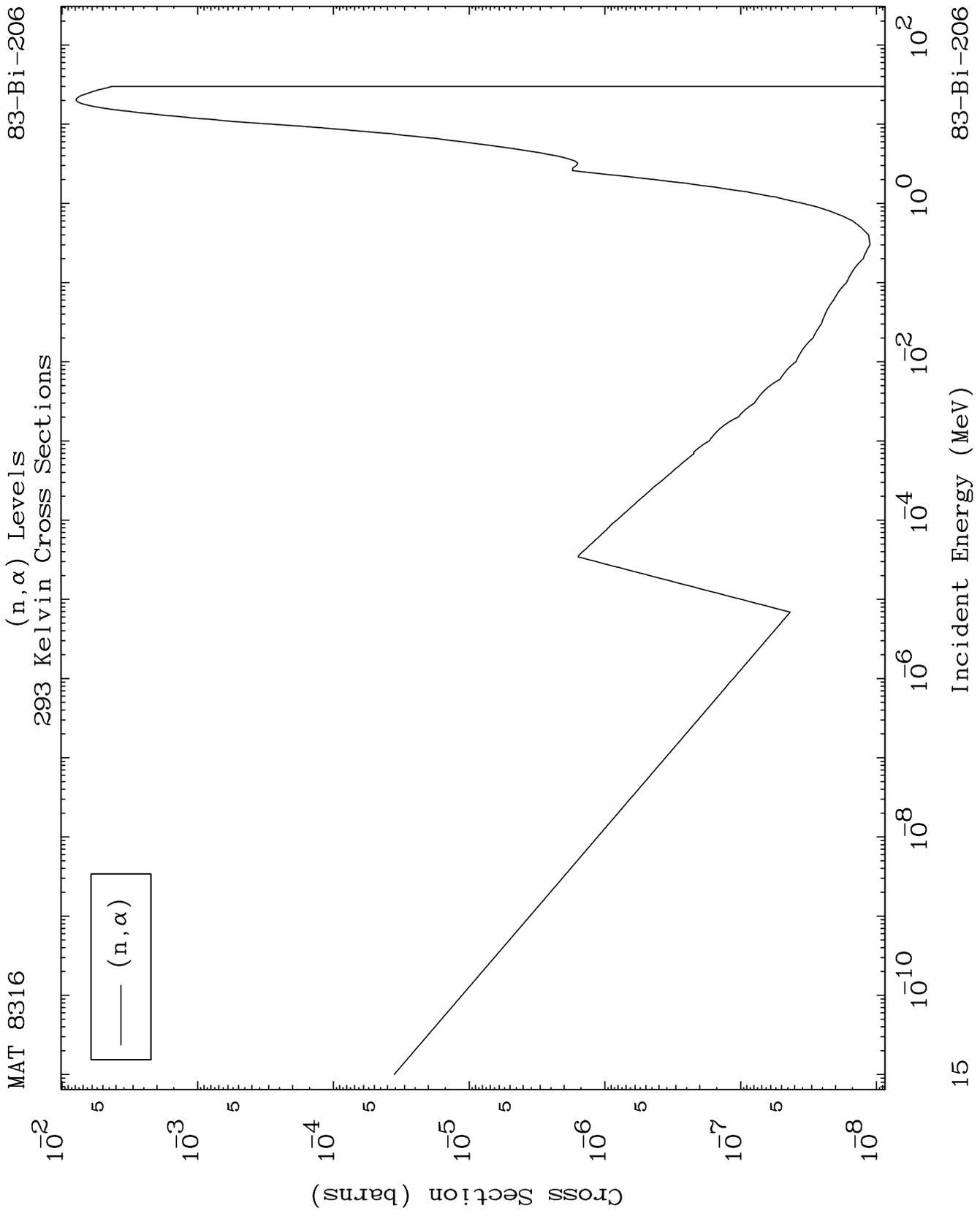
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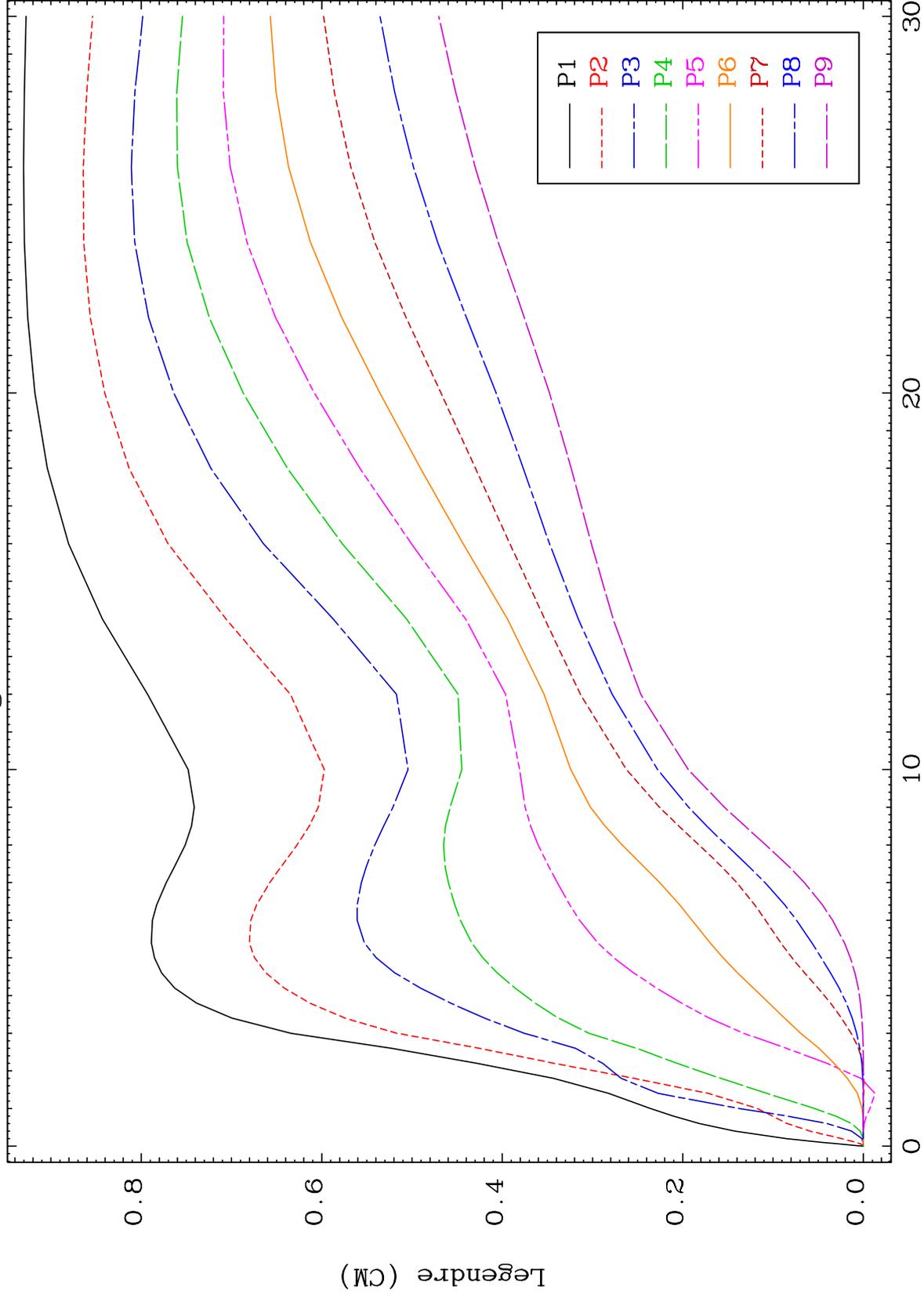
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MAT 8316

83-Bi-206

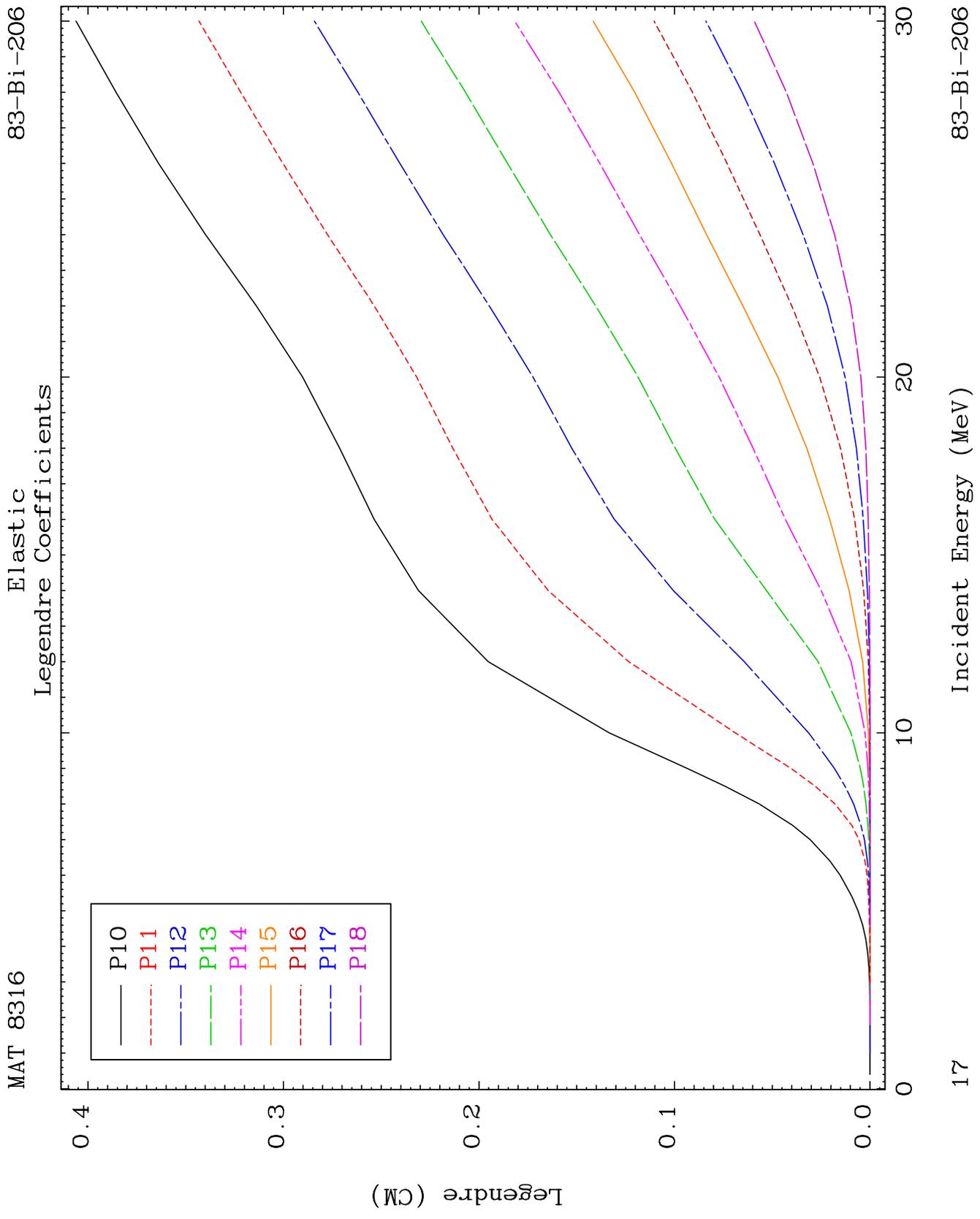
Elastic Legendre Coefficients



16

Incident Energy (MeV)

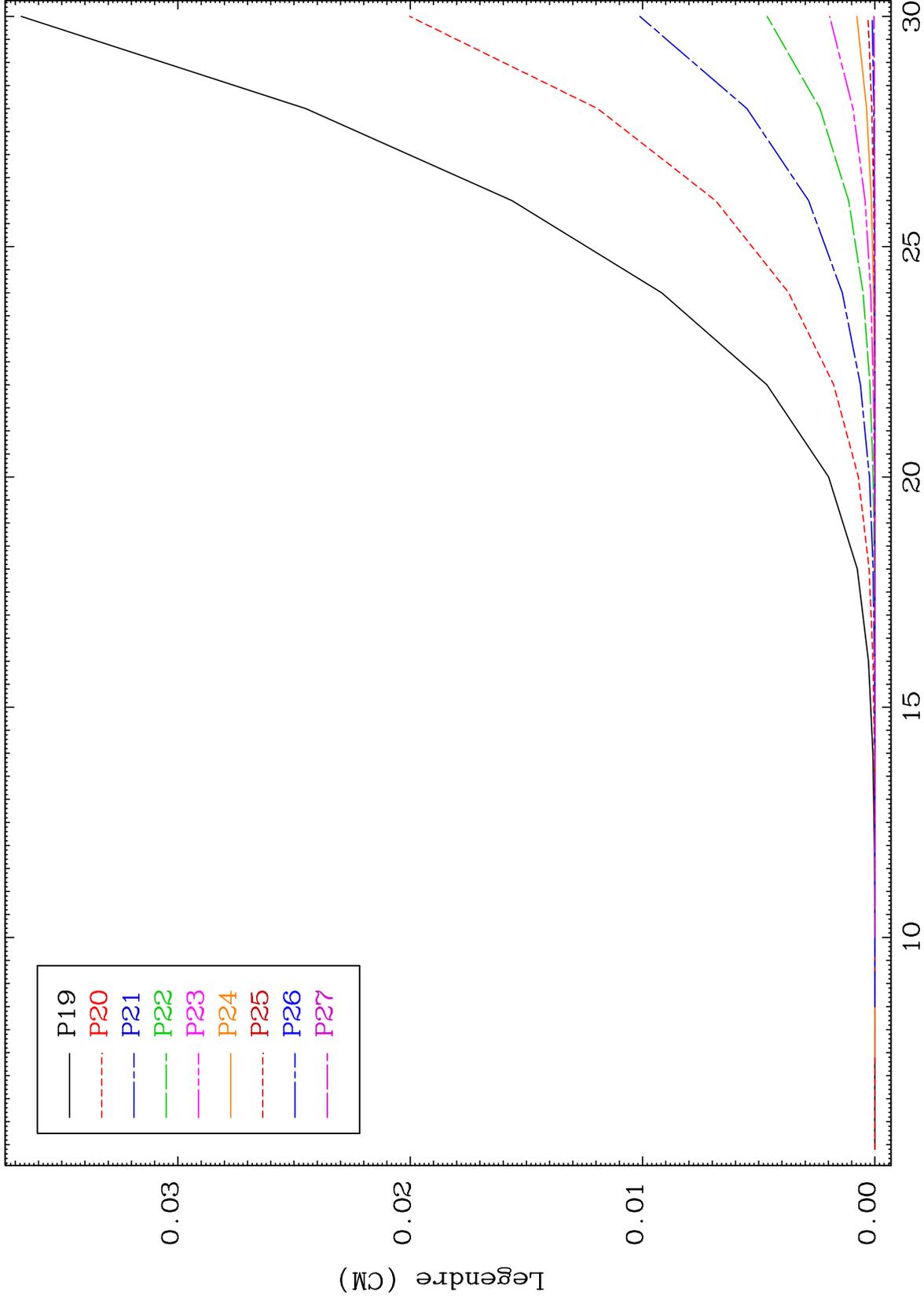
83-Bi-206



MAT 8316

Elastic Legendre Coefficients

83-Bi-206



18

Incident Energy (MeV)

83-Bi-206

30

25

20

15

10

Legendre (CM)

0.03

0.02

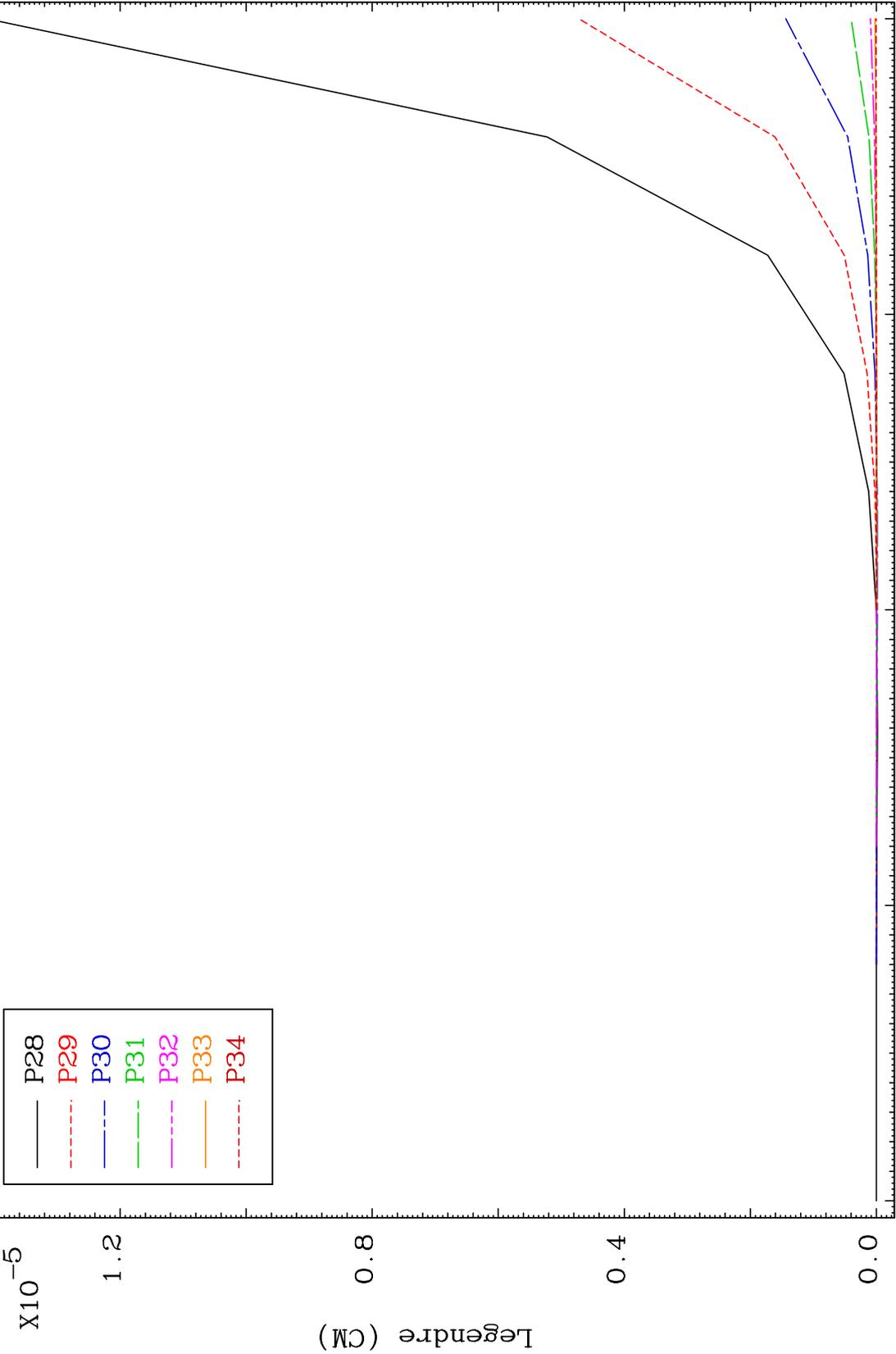
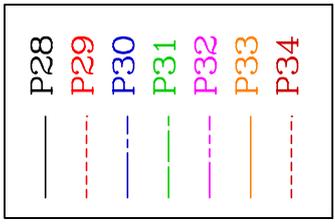
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MAT 8316

Elastic Legendre Coefficients

83-Bi-206



19

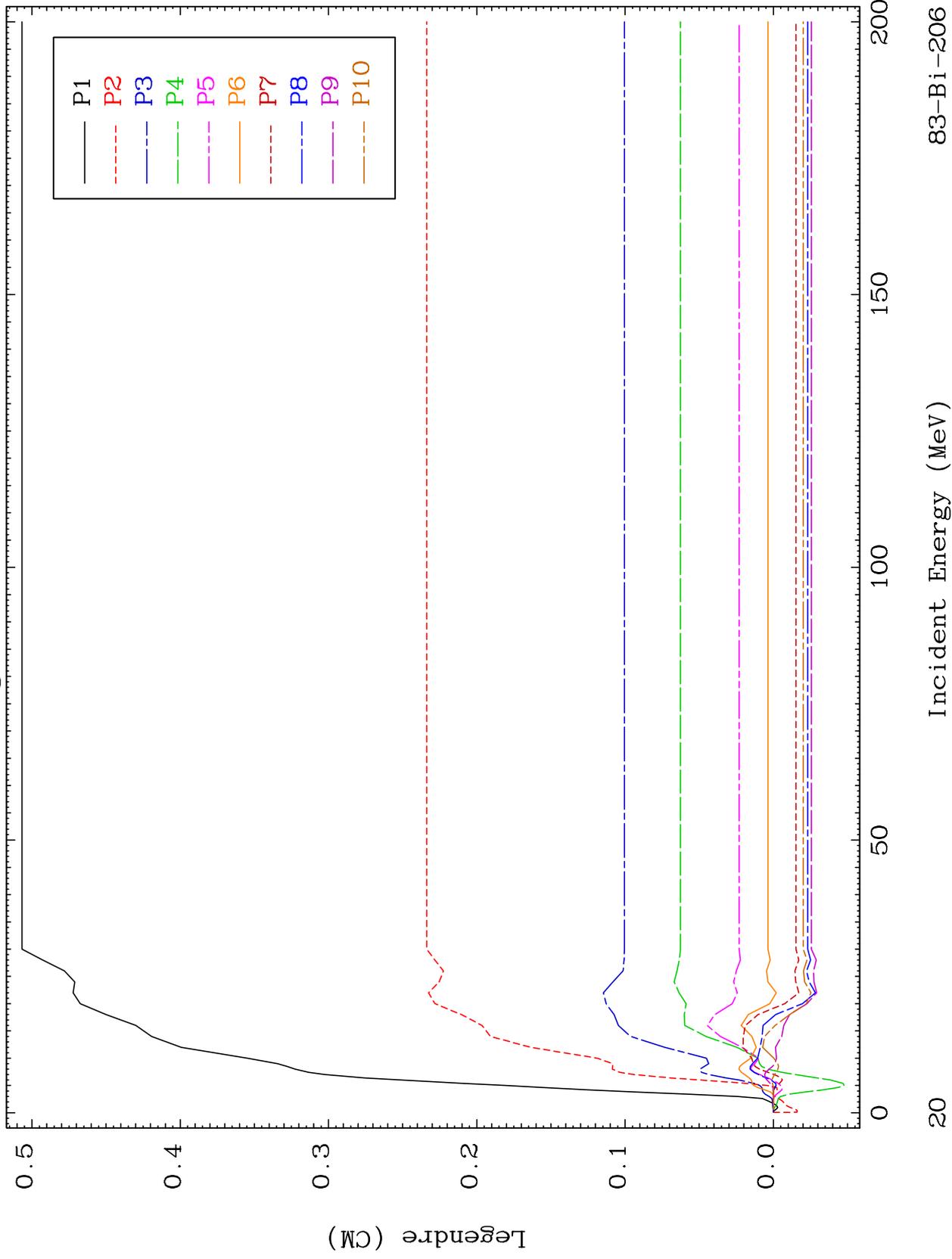
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

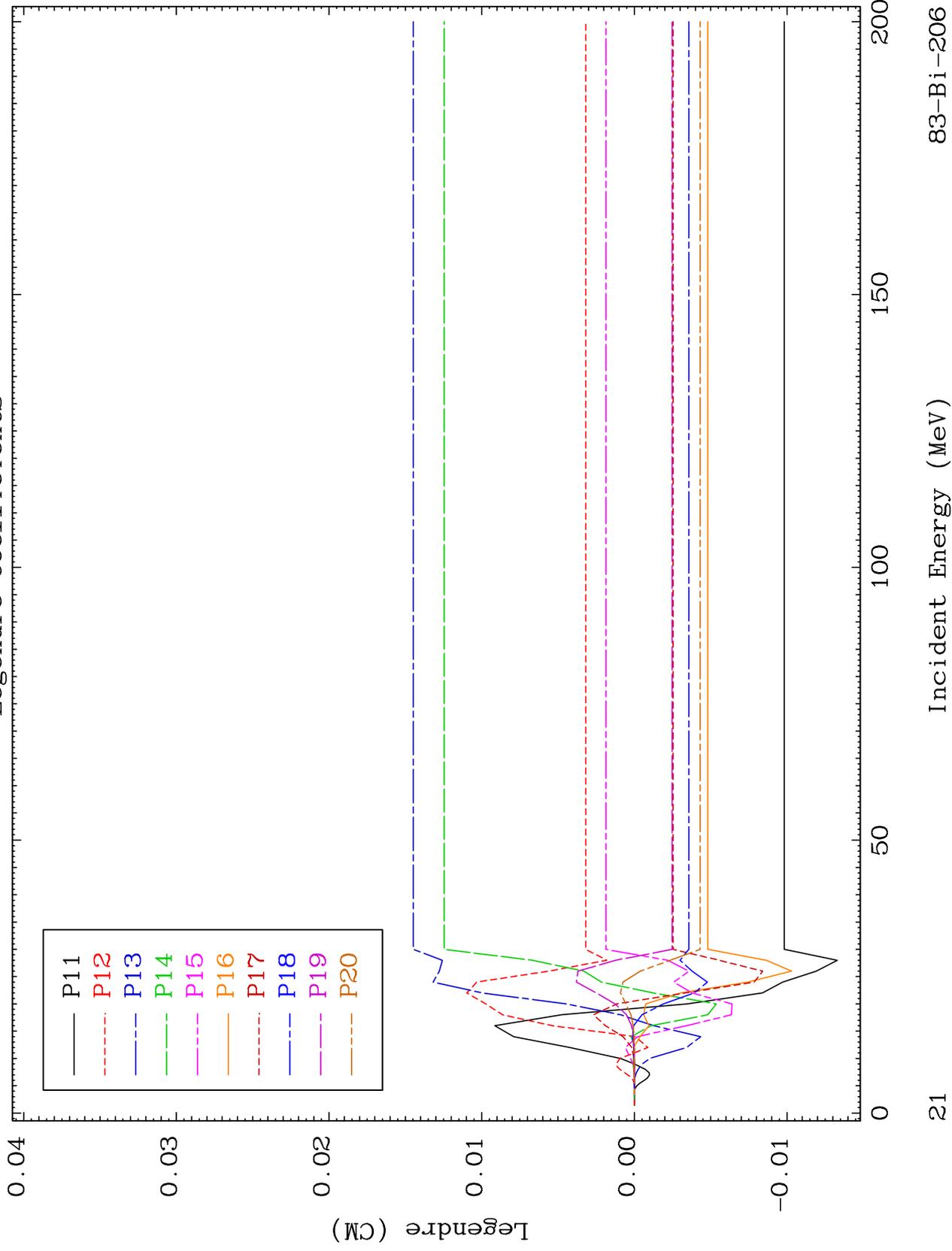
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



83-Bi-206

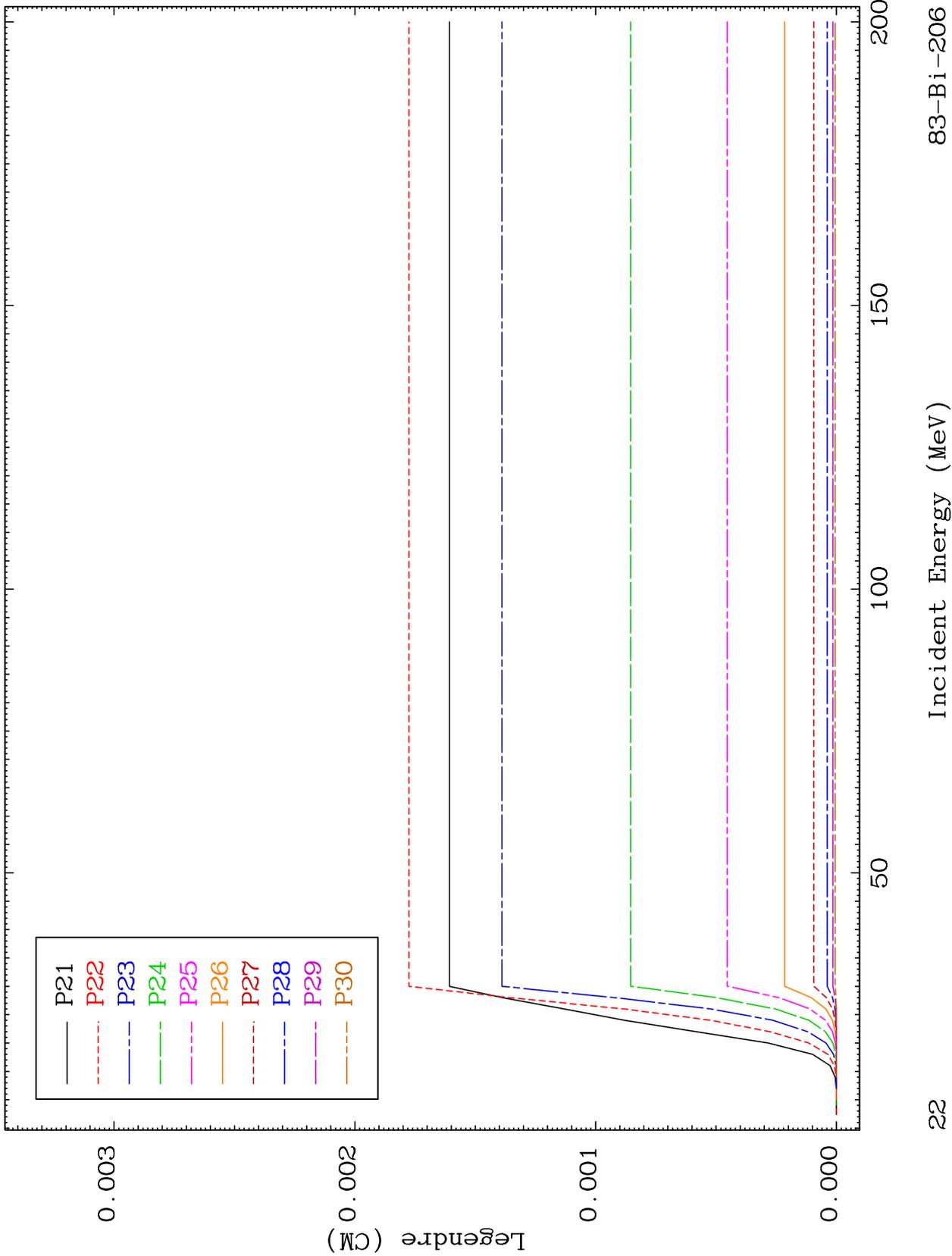
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



22

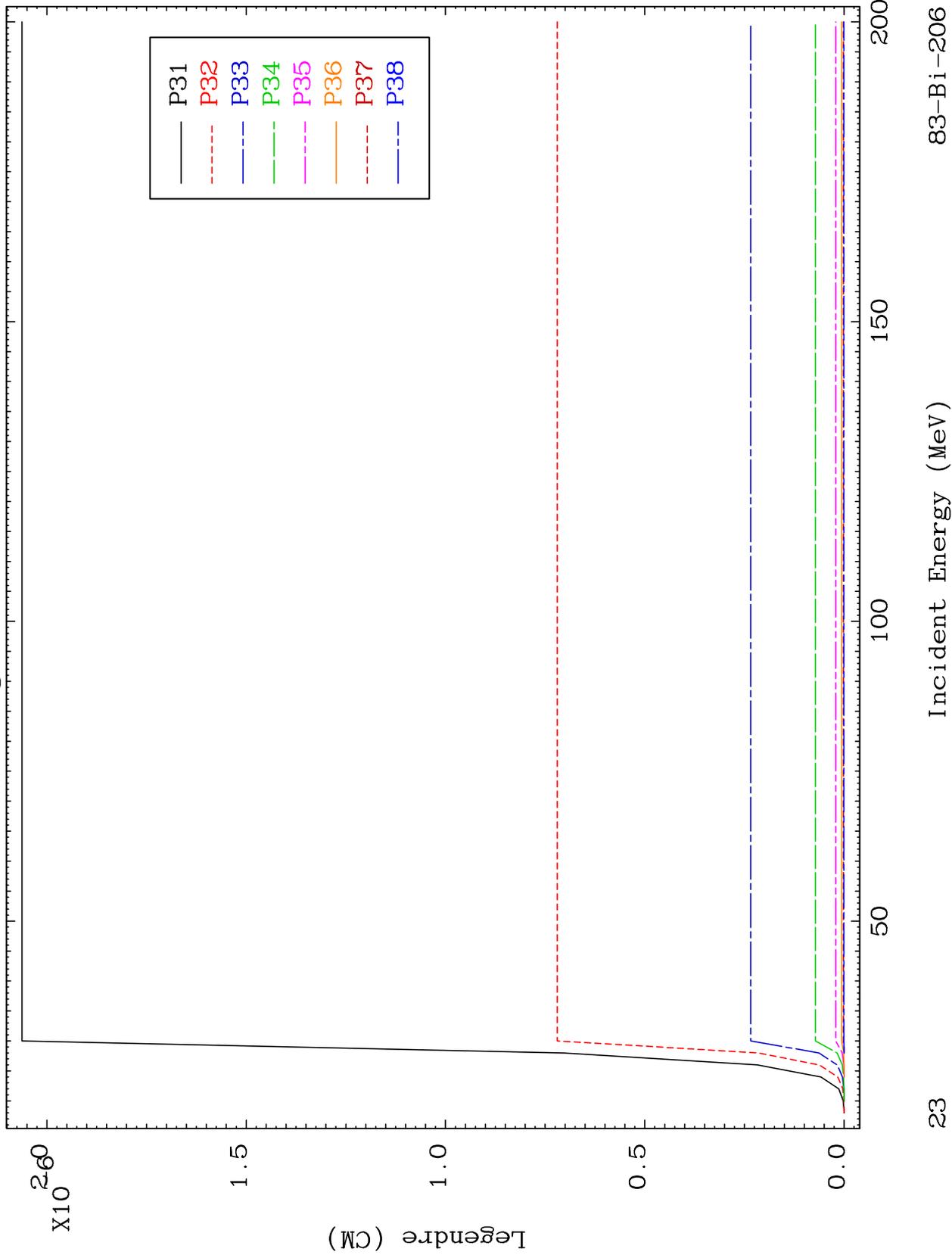
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

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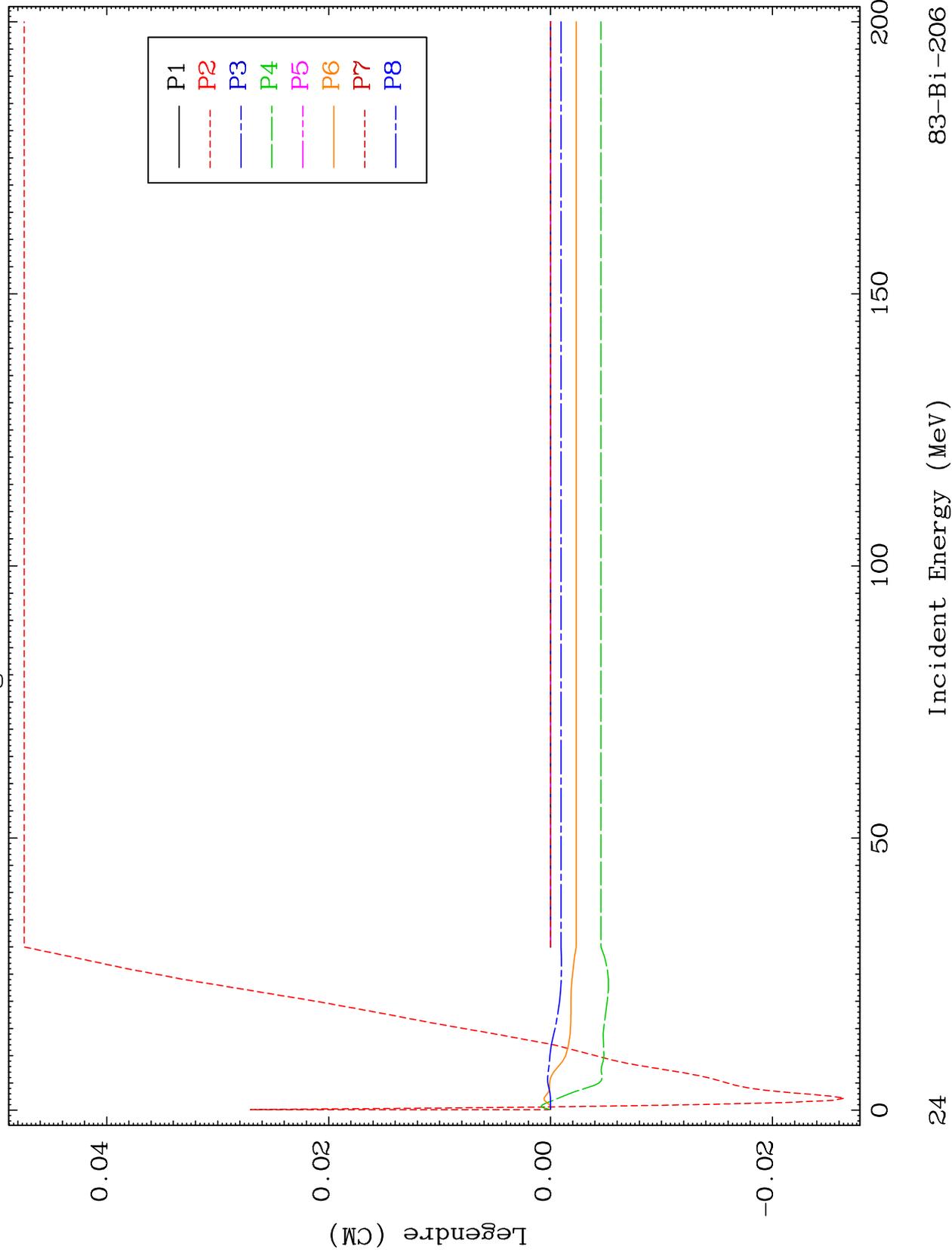
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83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

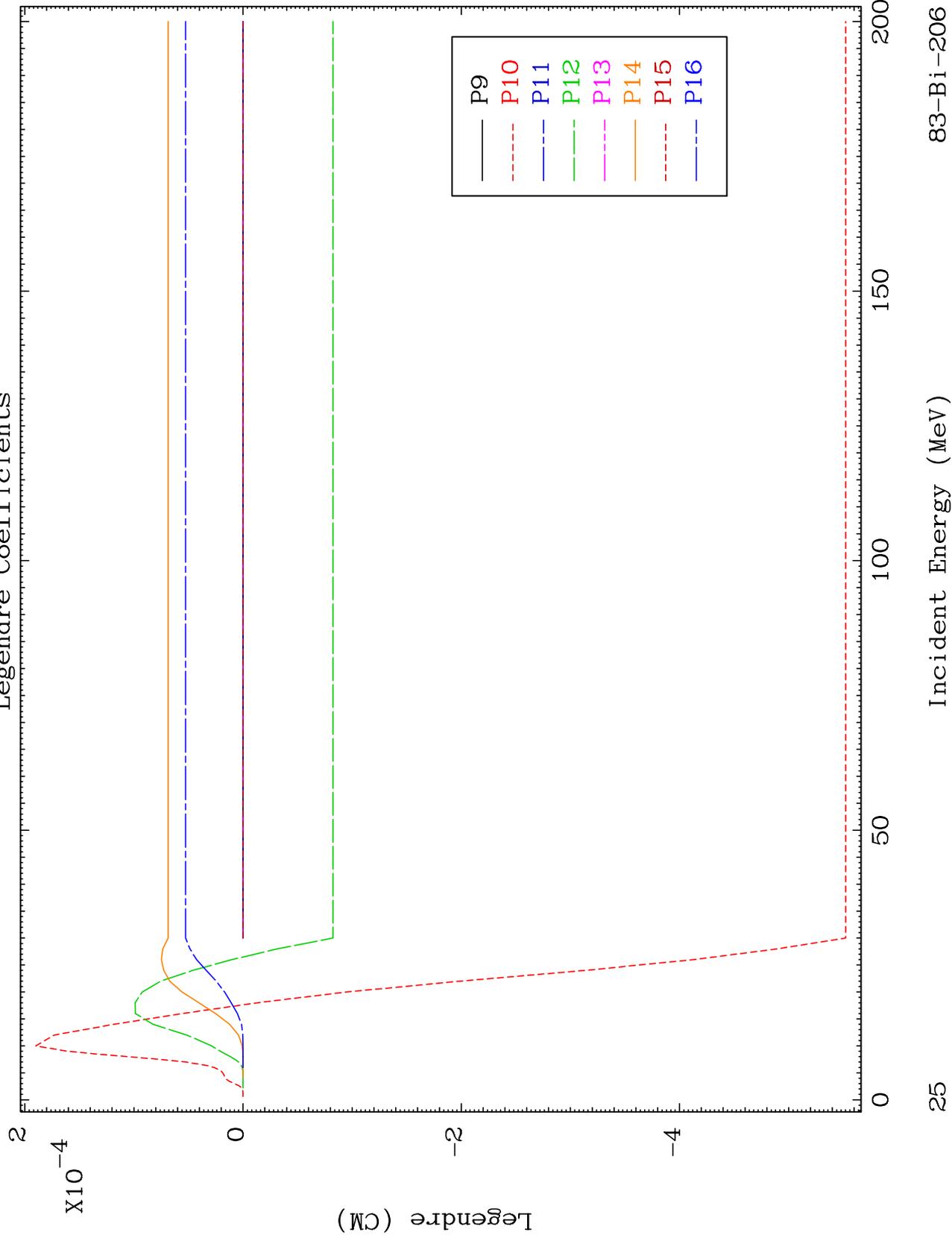
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MAT 8316

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

83-Bi-206



83-Bi-206

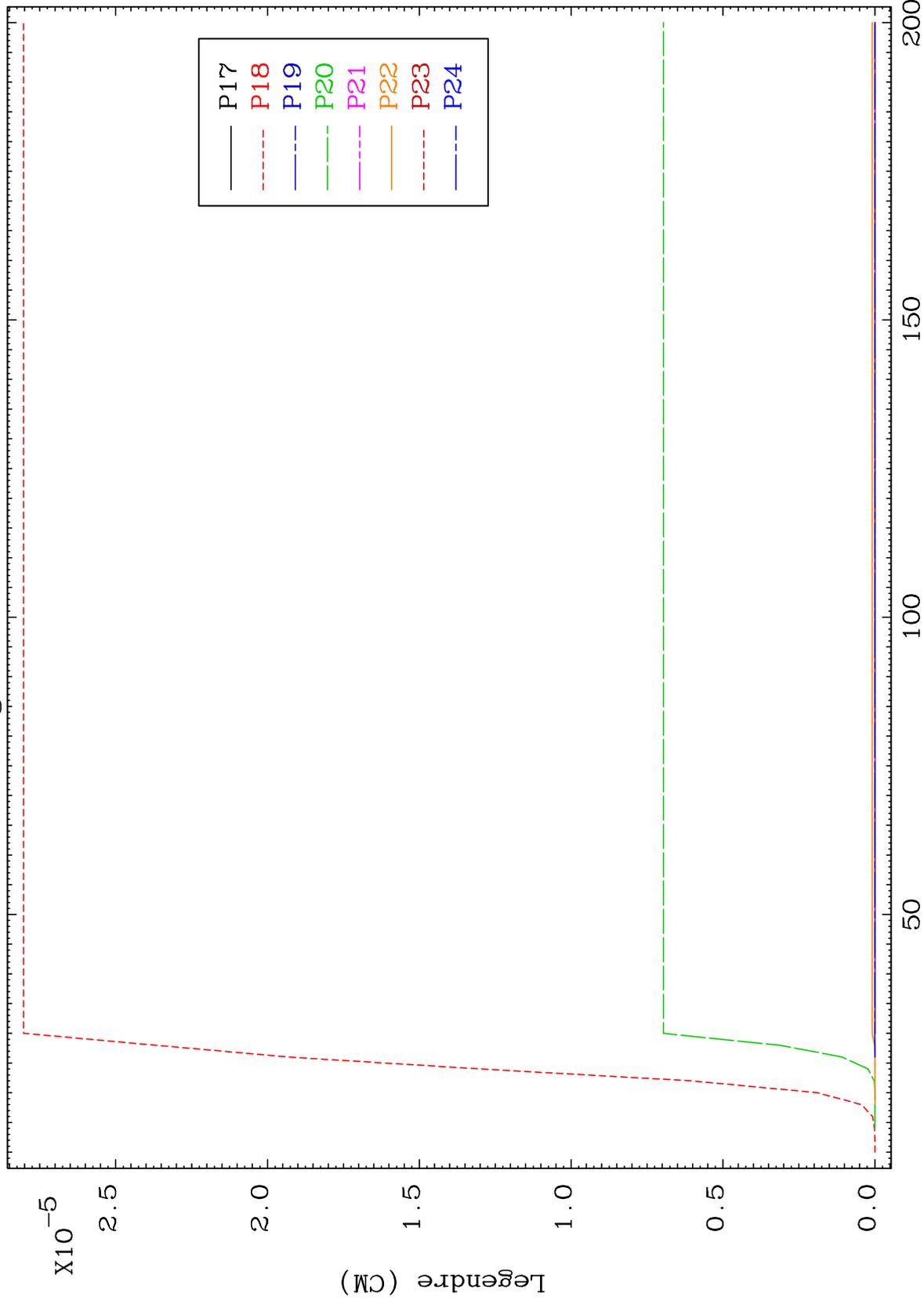
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



26

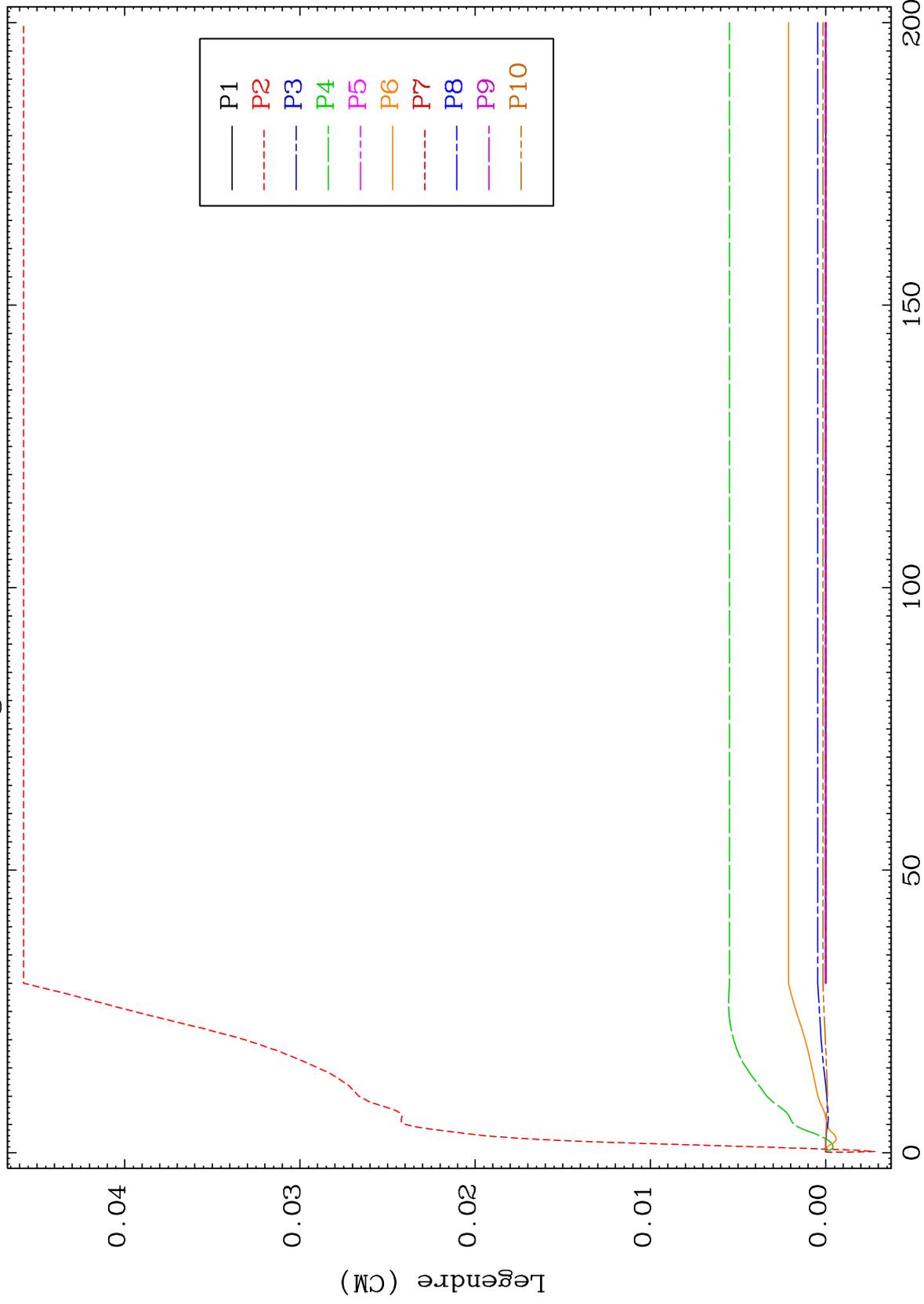
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MAT 8316

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

83-Bi-206



27

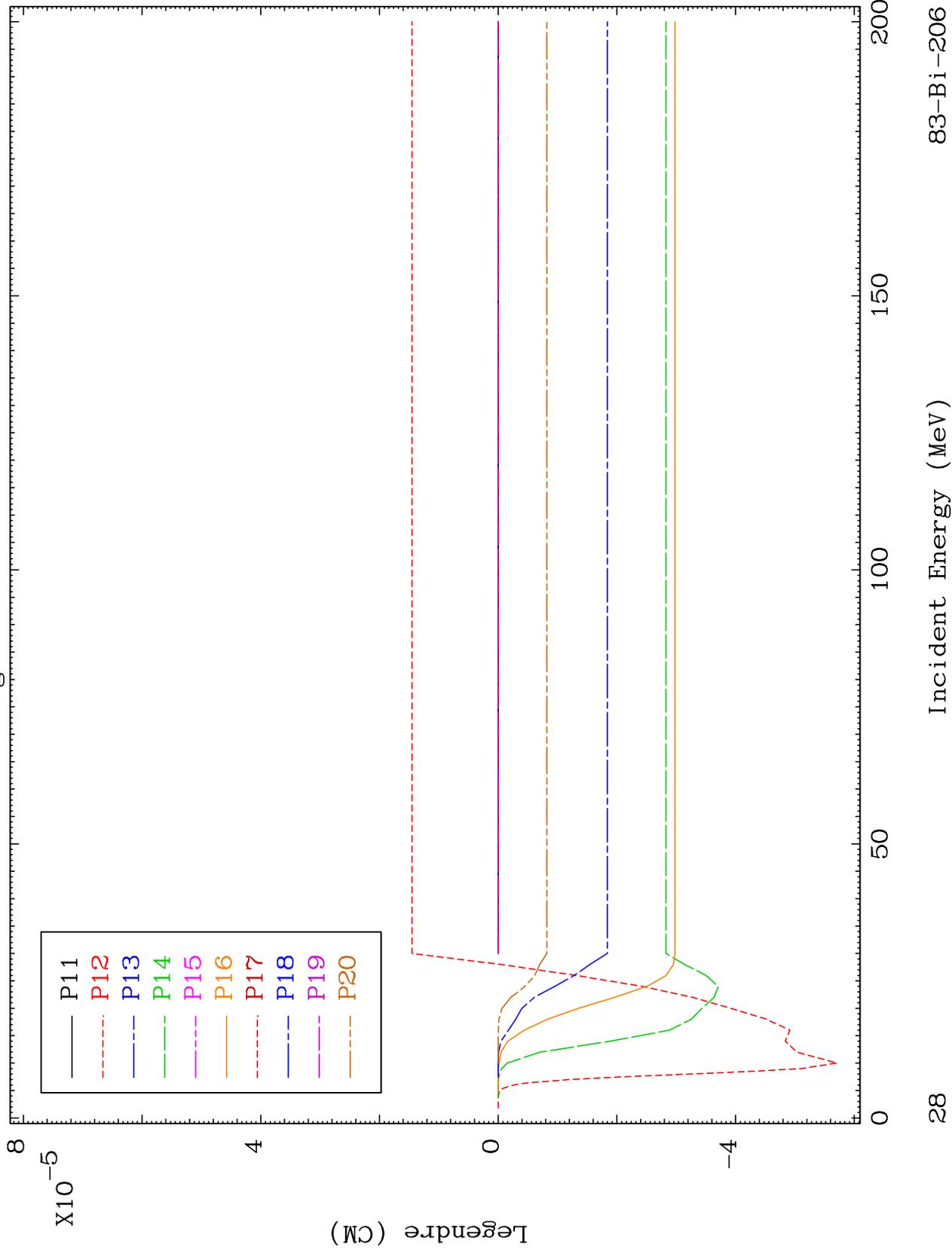
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MAT 8316

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

83-Bi-206



28

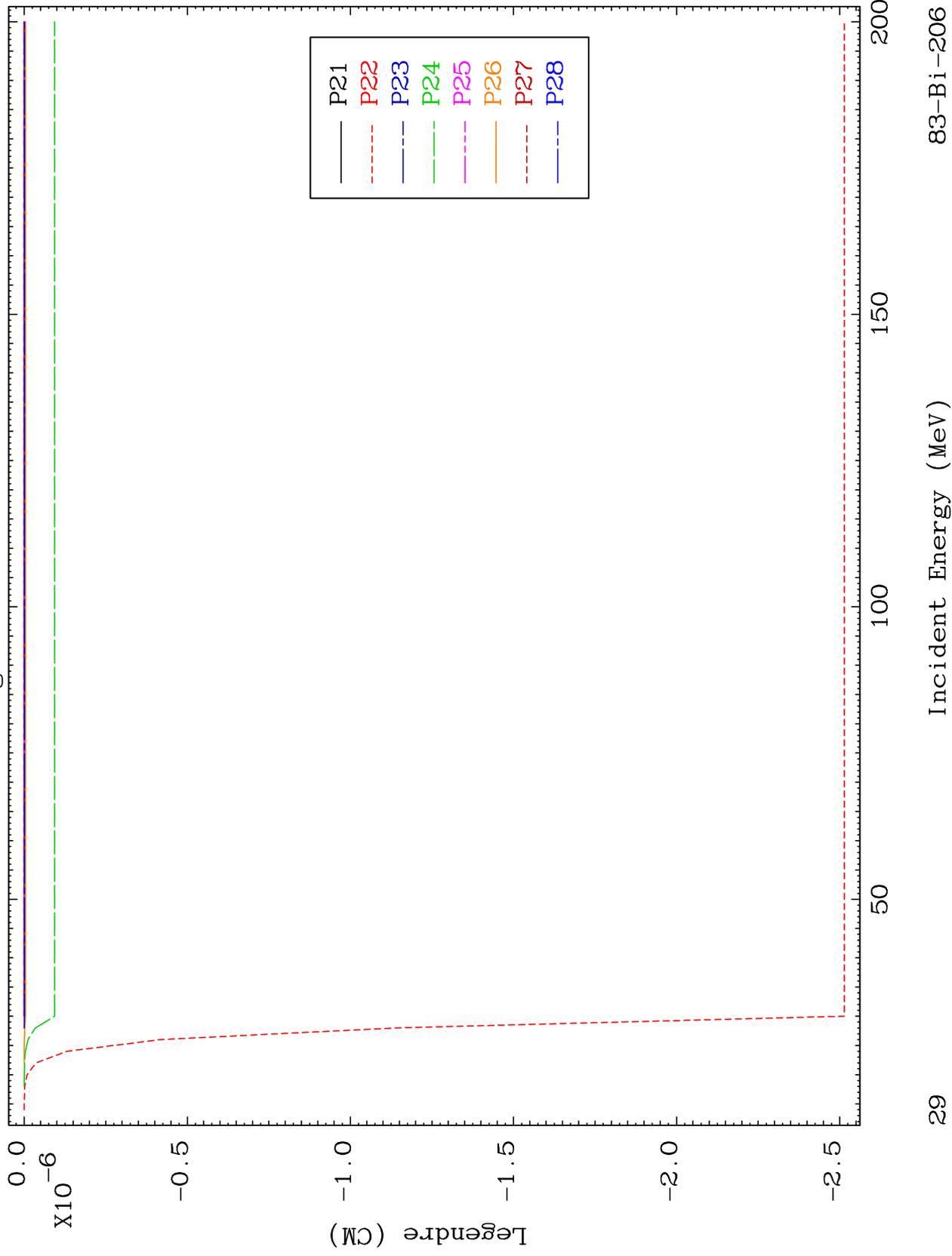
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MAT 8316

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

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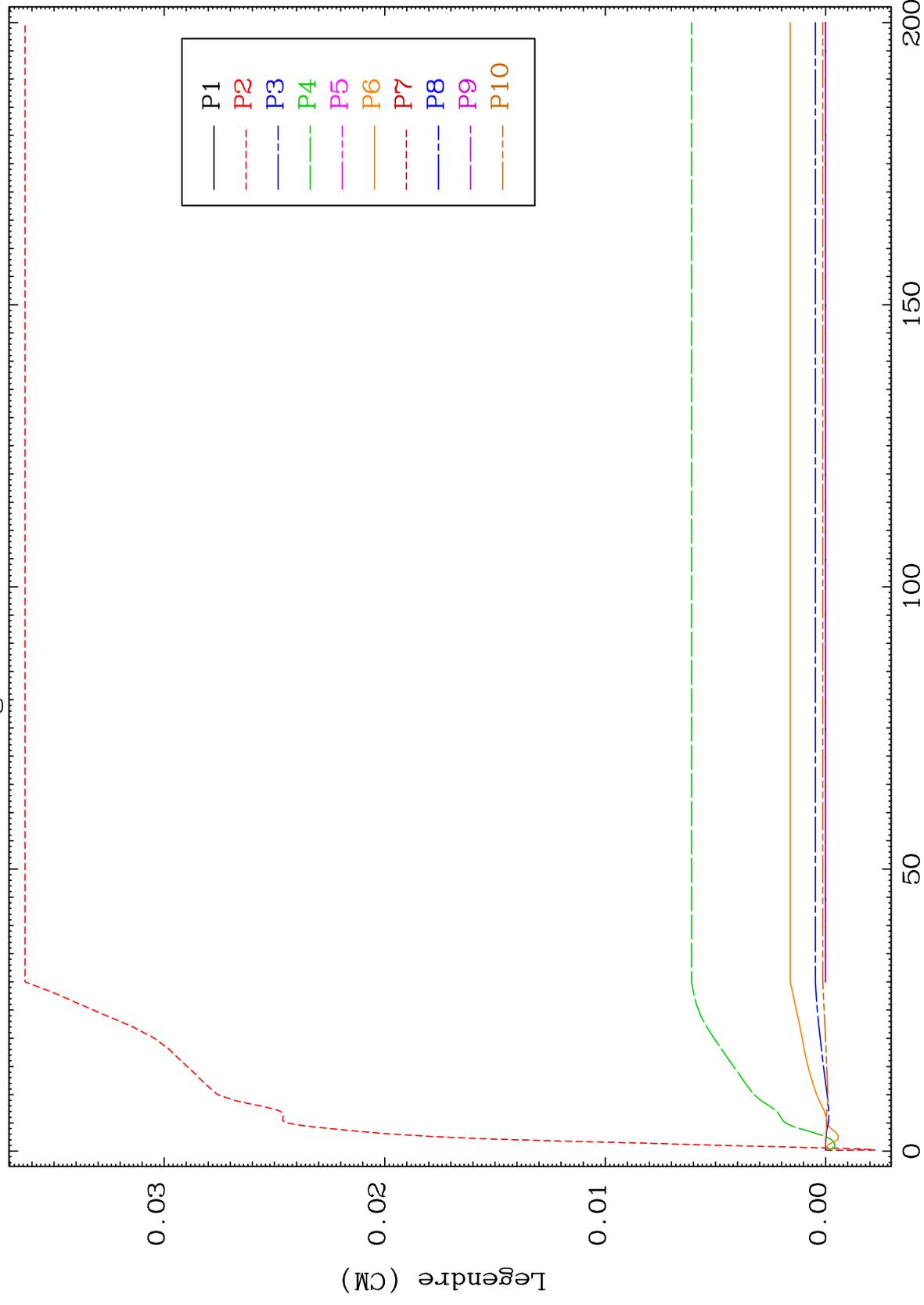
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MAT 8316

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

83-Bi-206



83-Bi-206

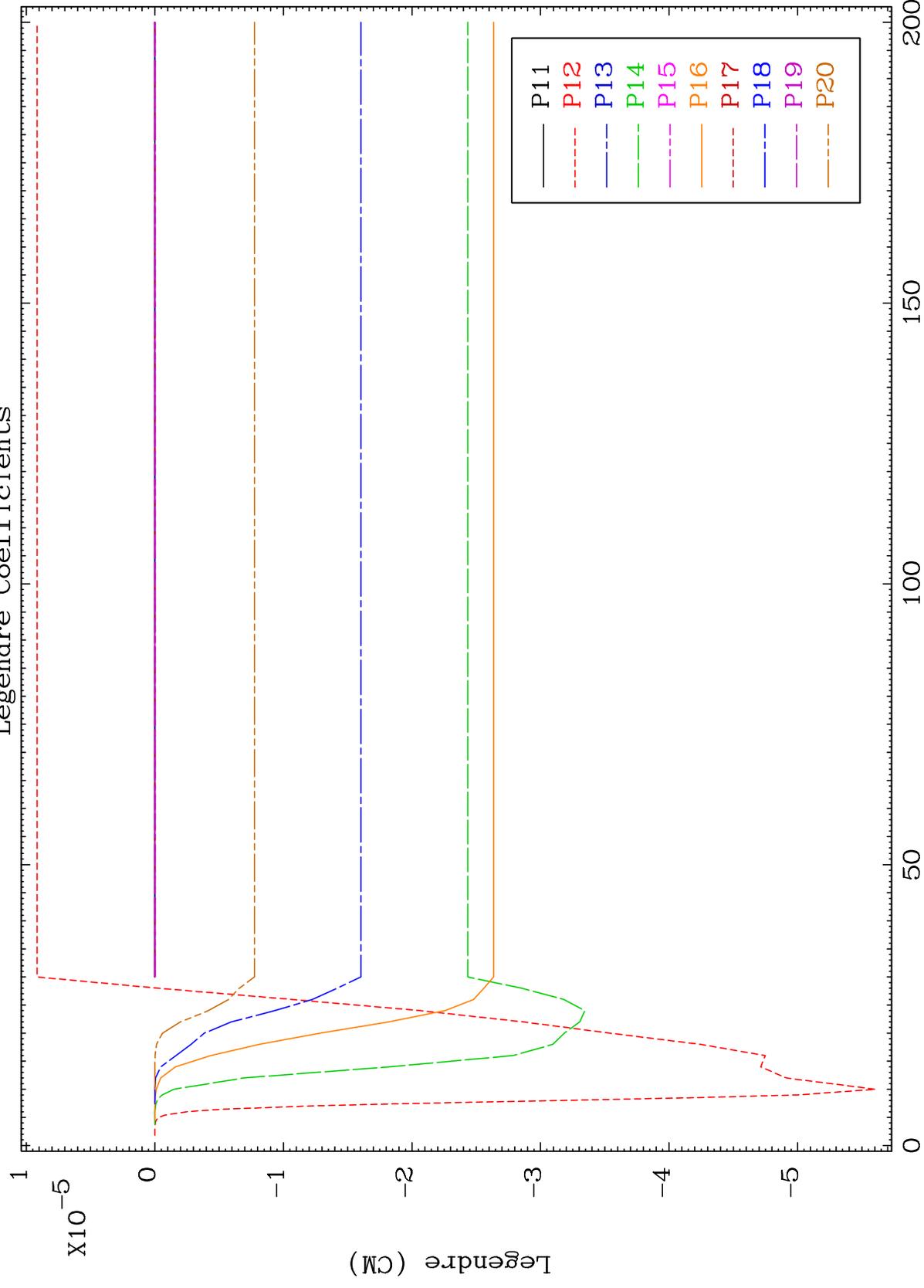
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



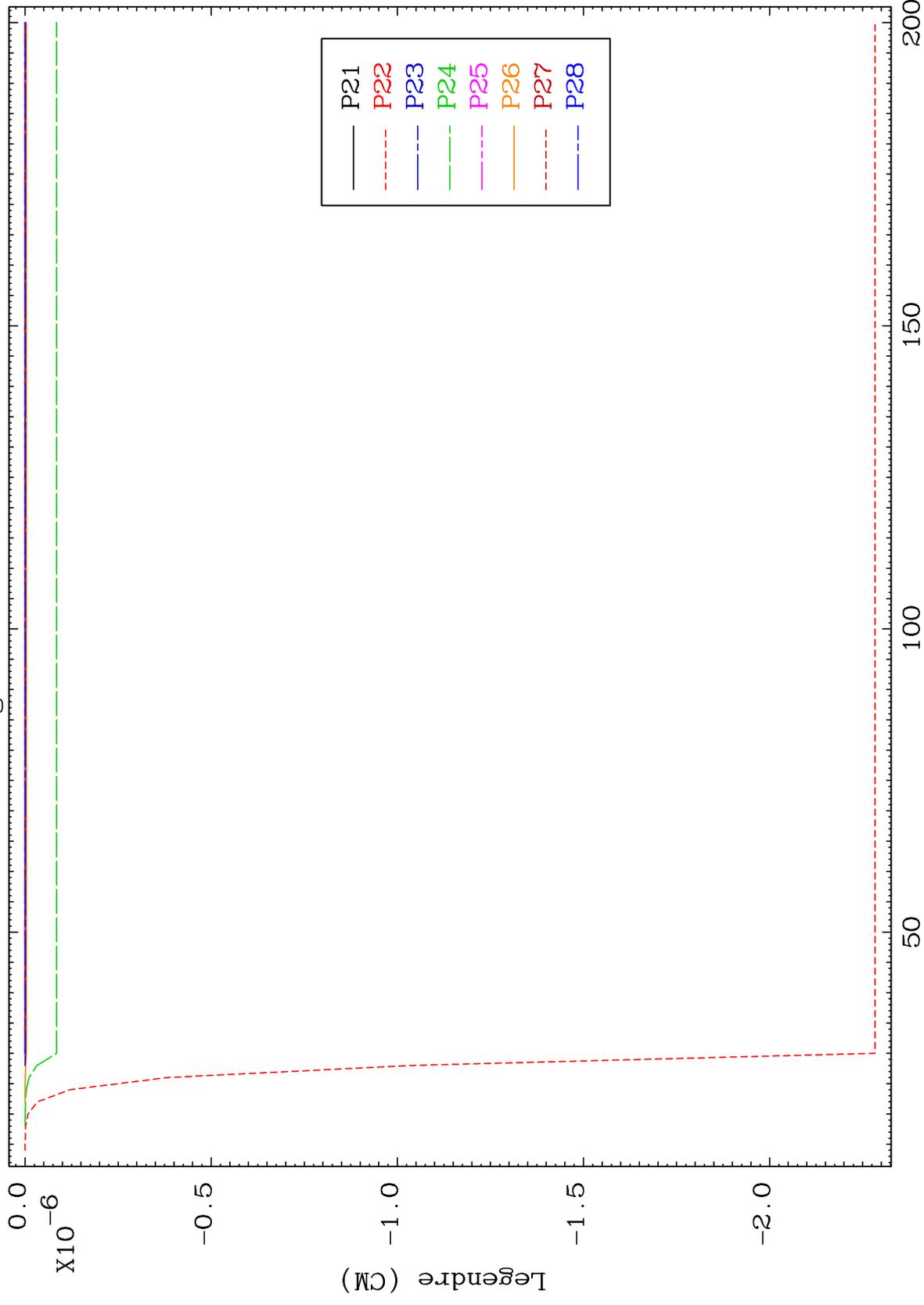
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MAT 8316

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

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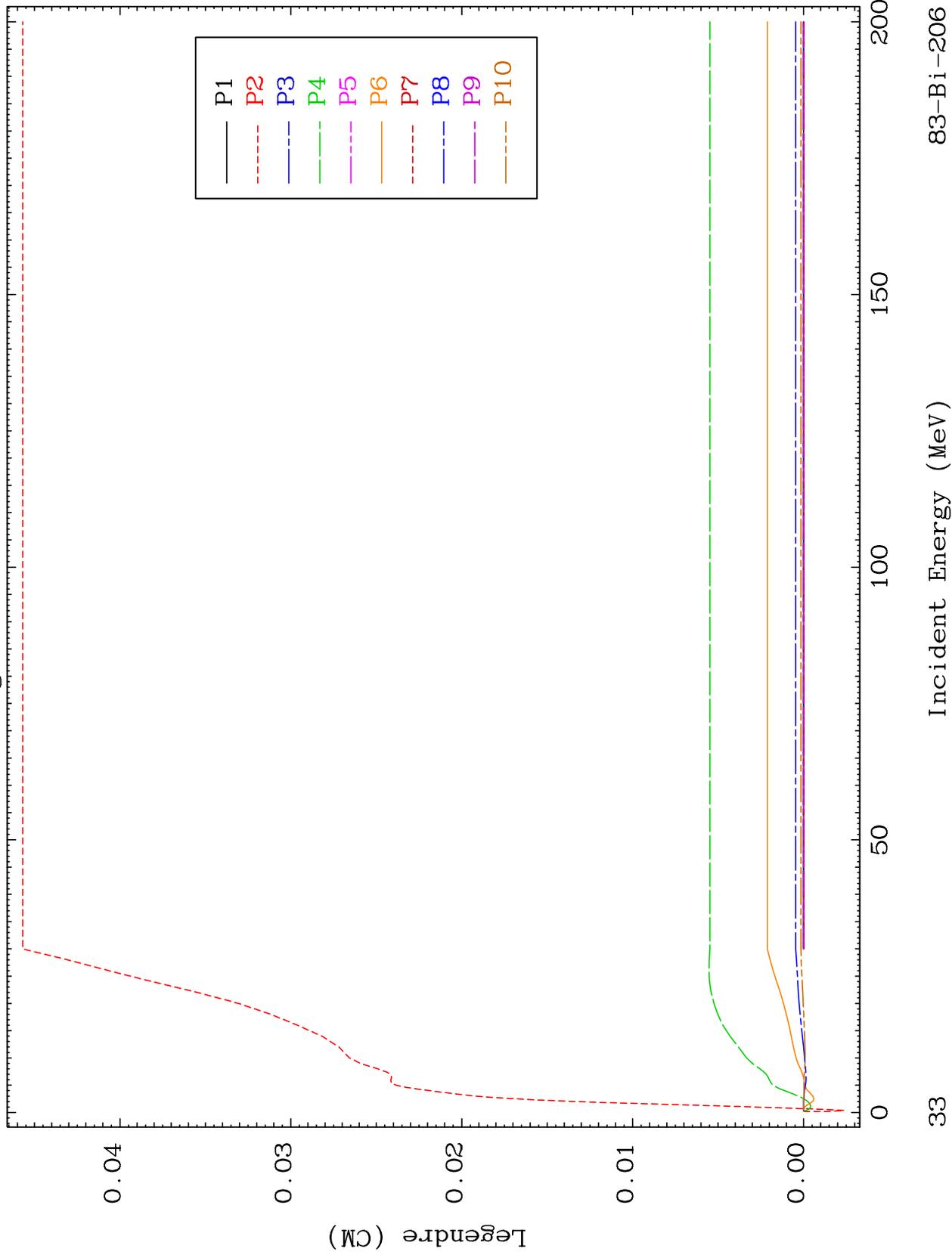
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MAT 8316

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

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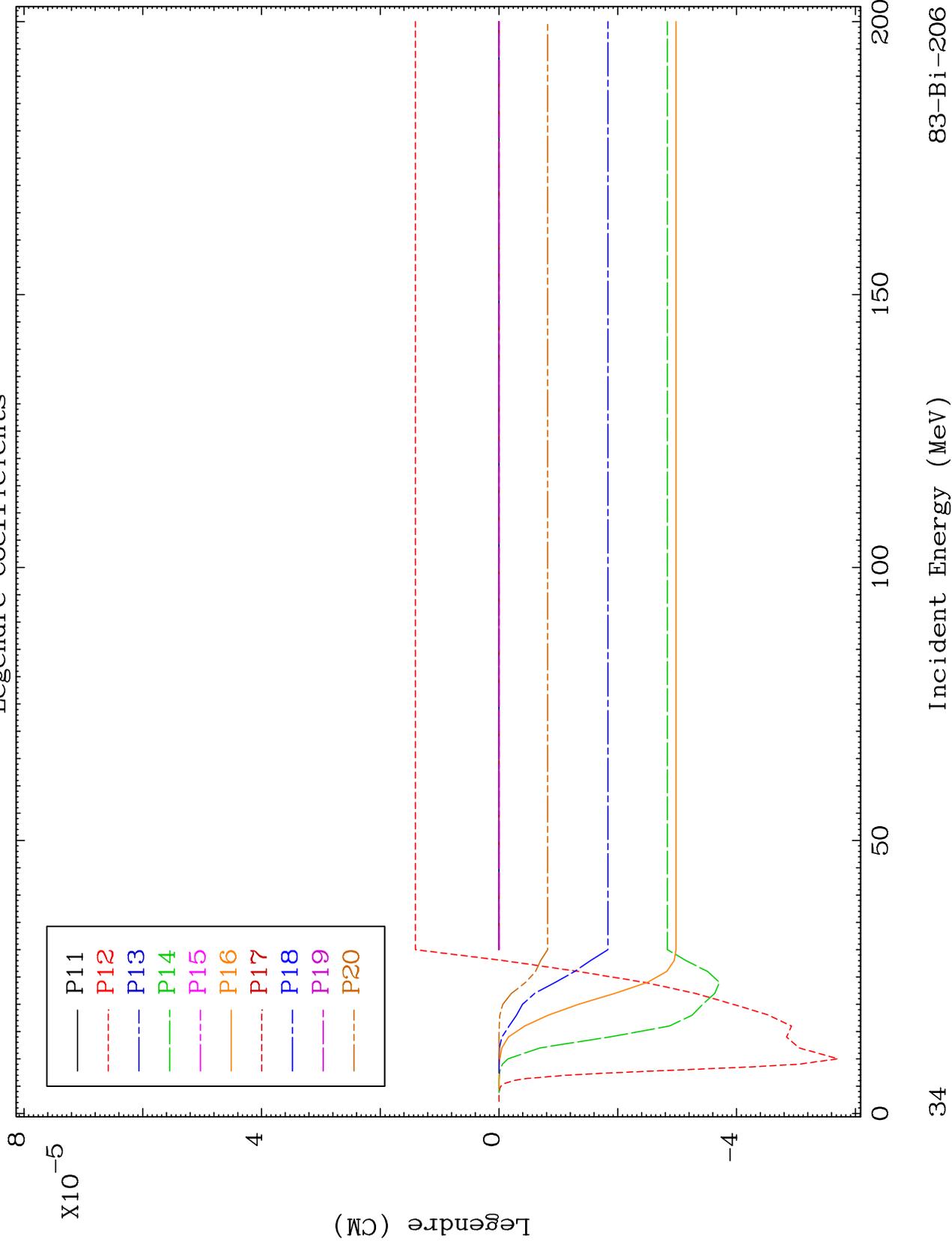


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MAT 8316

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

83-Bi-206



34

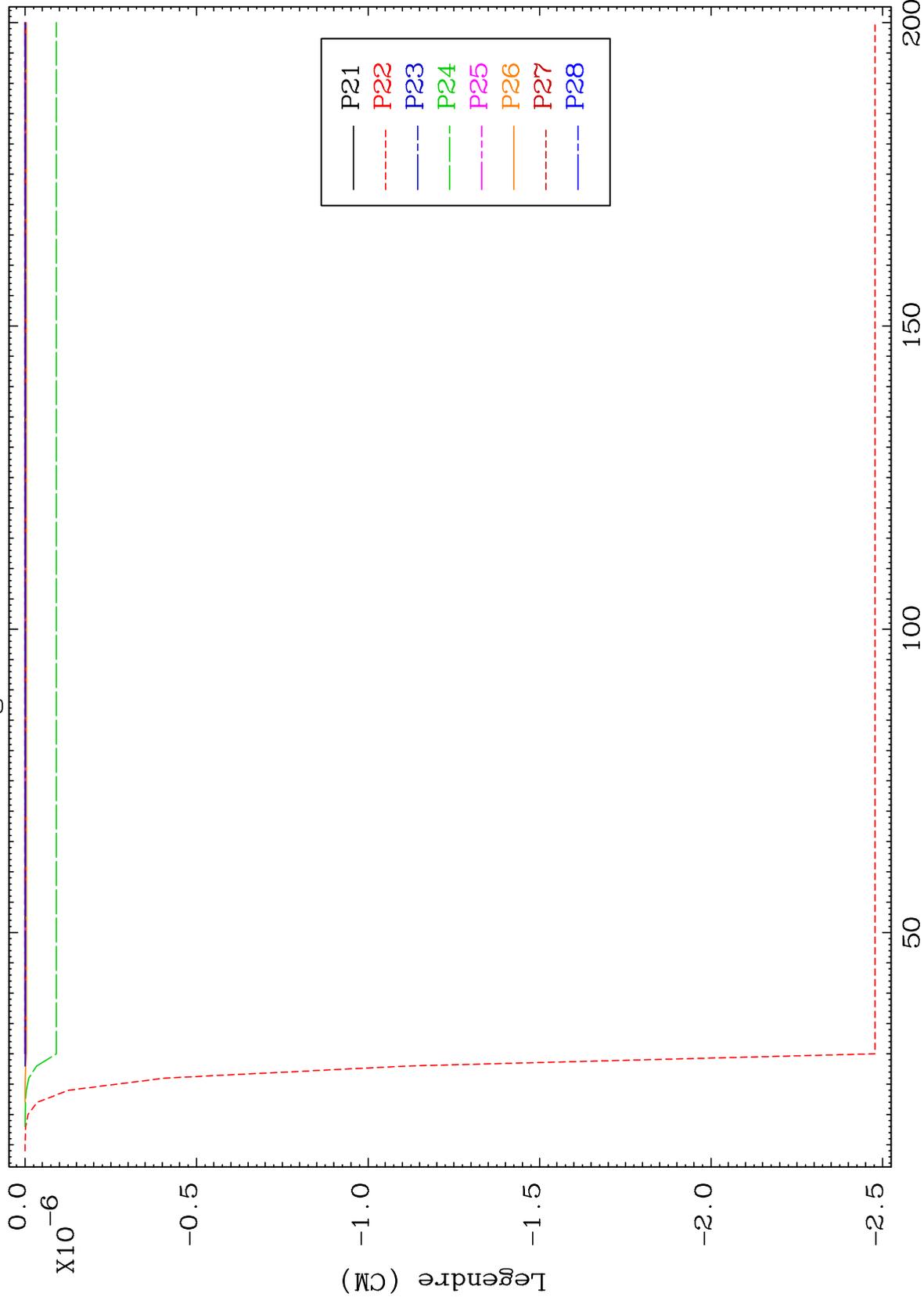
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

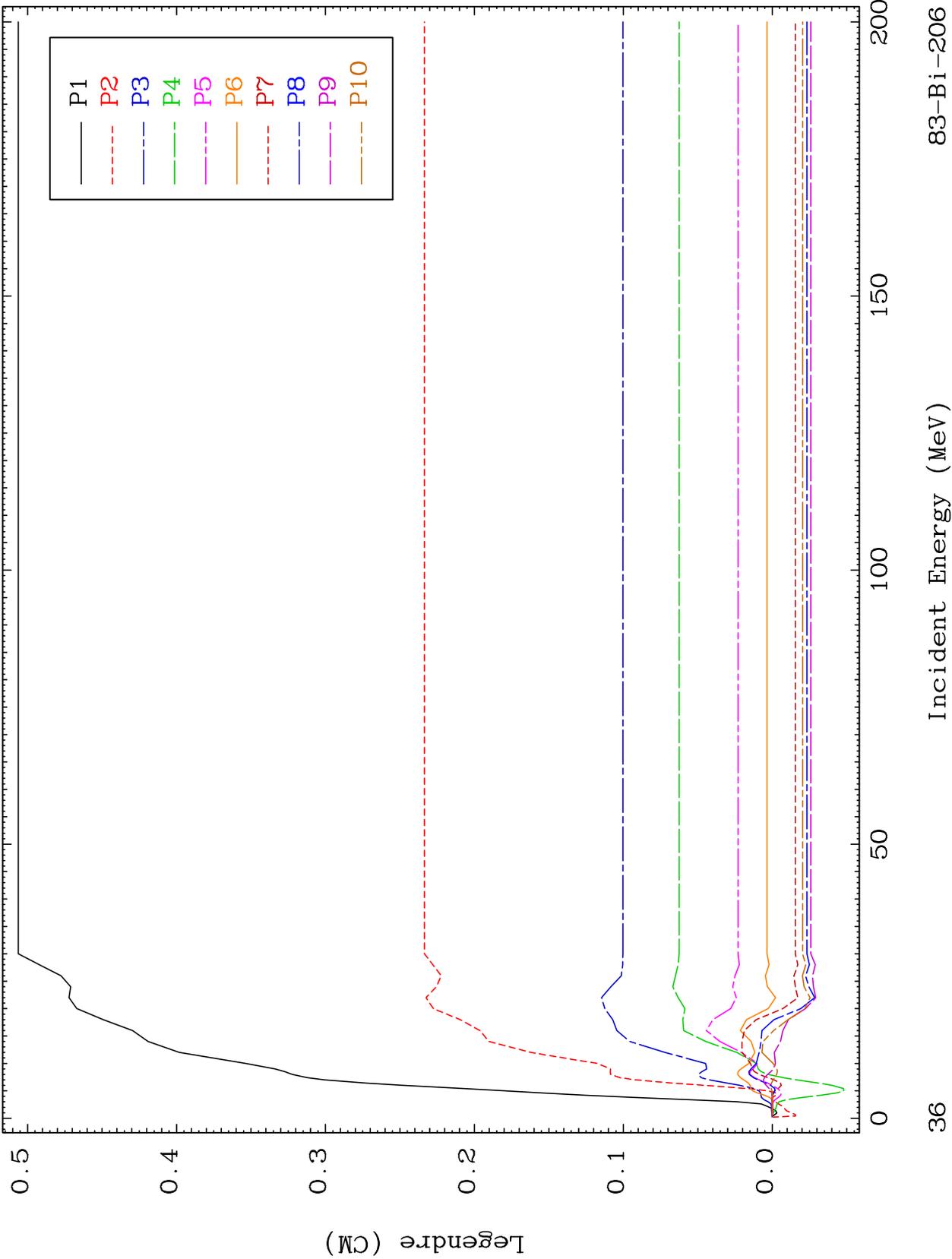
Incident Energy (MeV)

35

MAT 8316

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

83-Bi-206



36

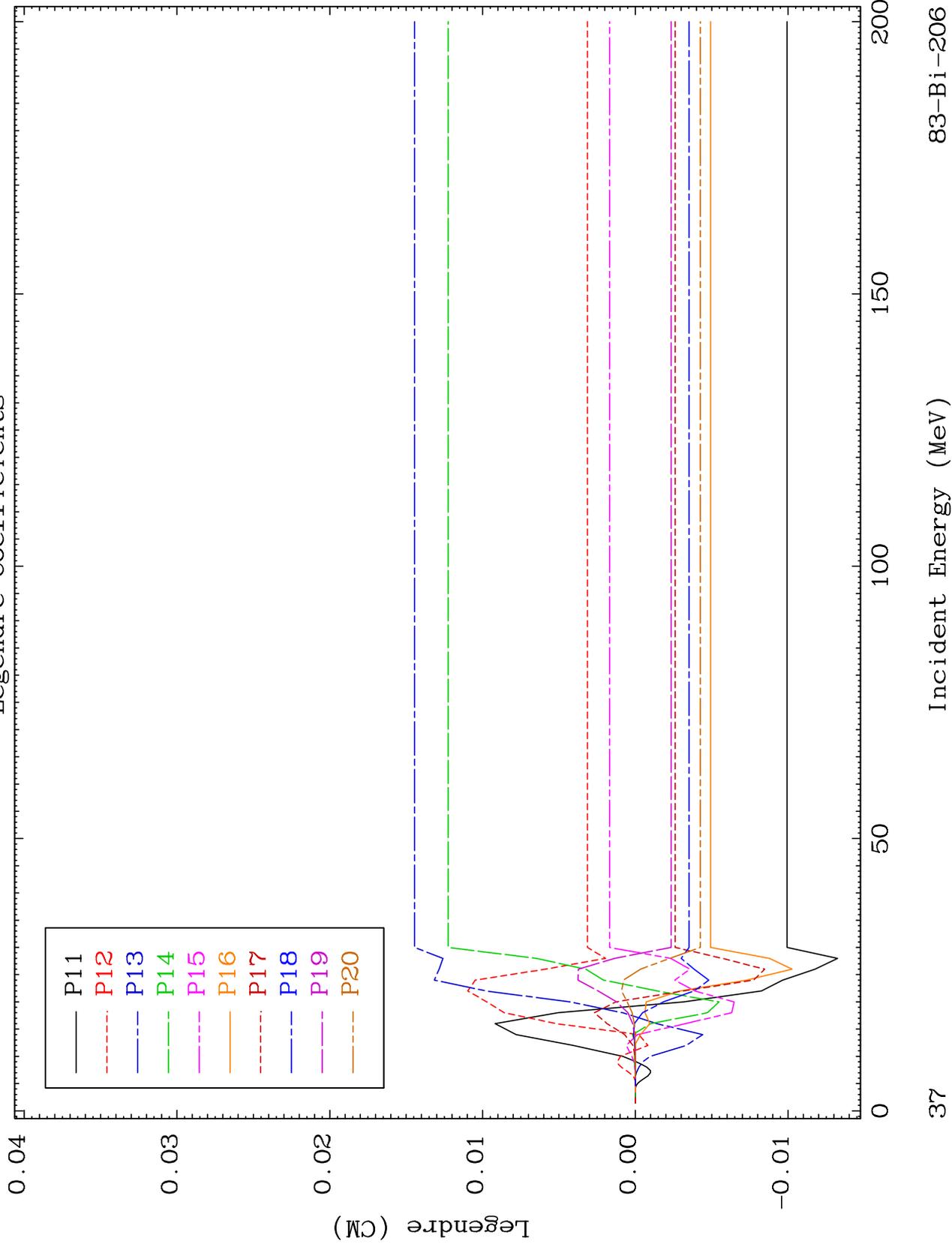
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



37

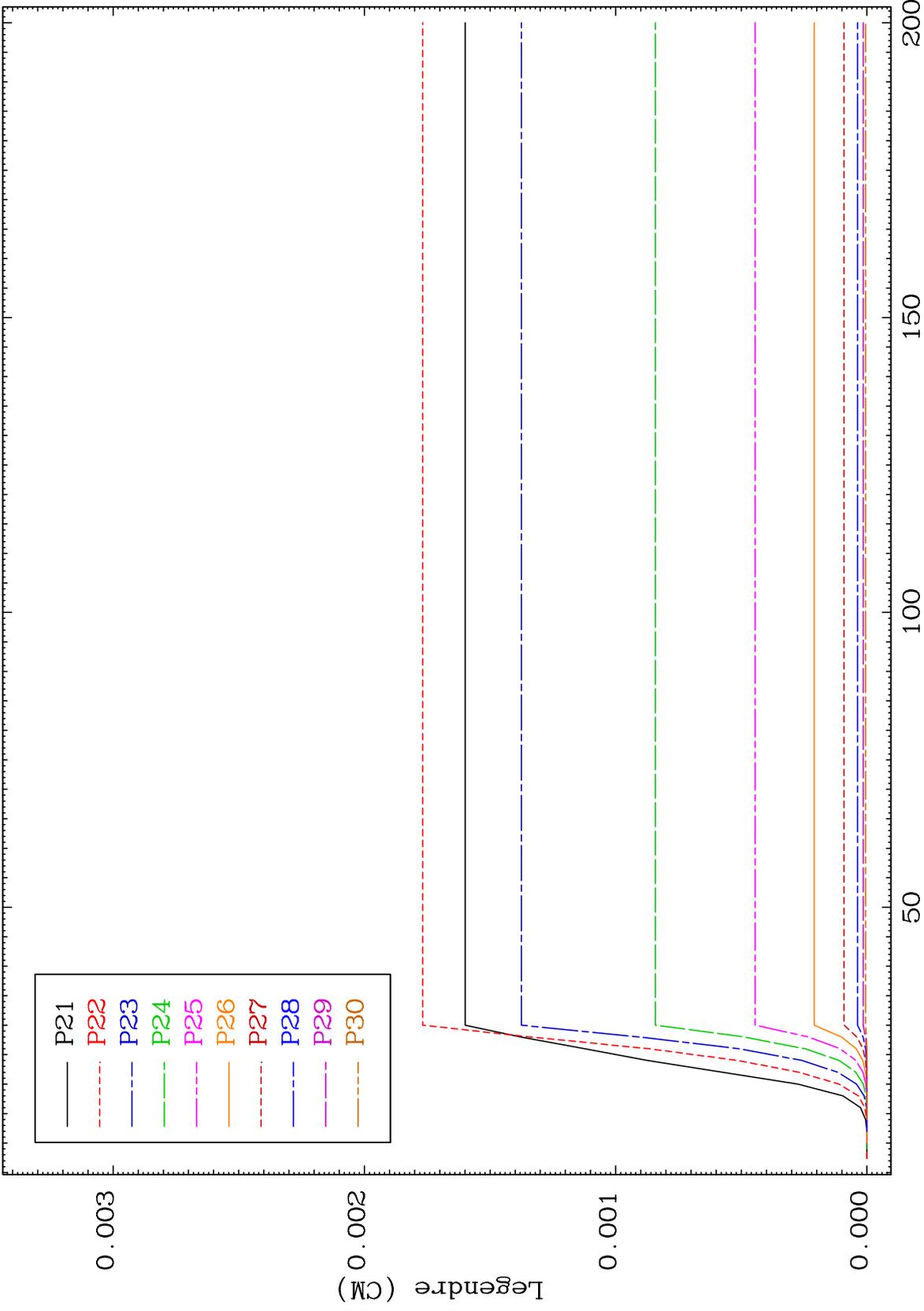
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MAT 8316

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

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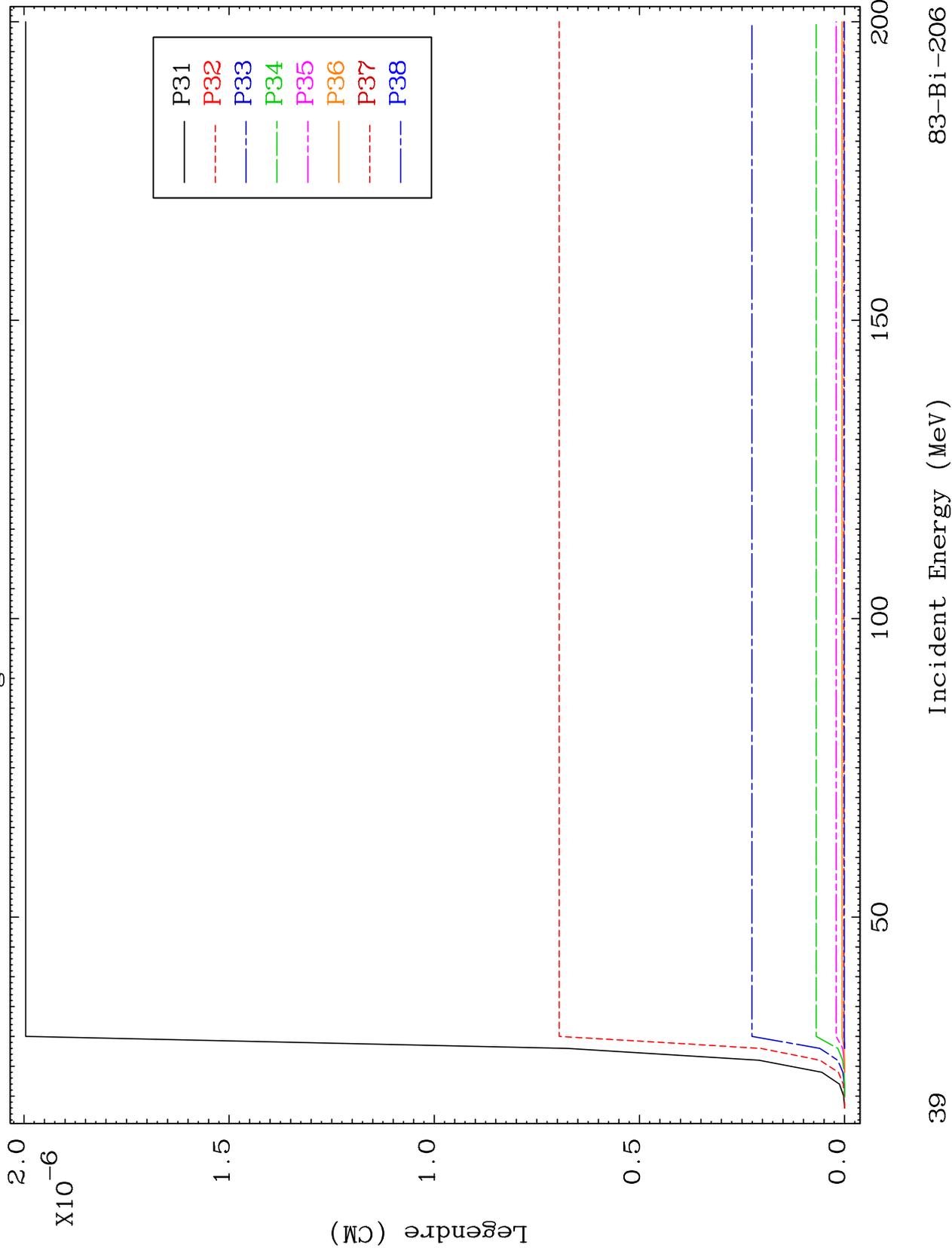
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MAT 8316

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

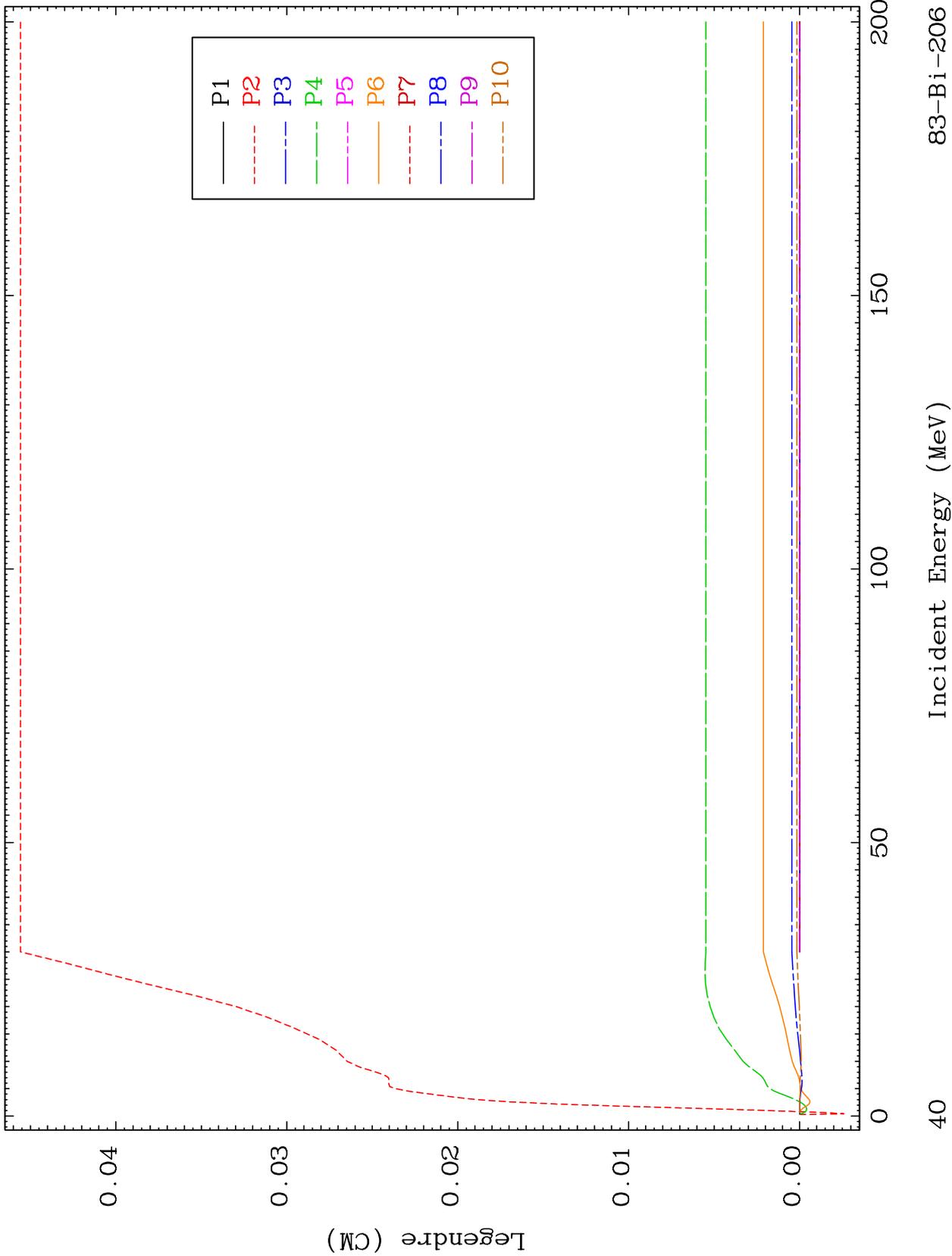
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MAT 8316

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

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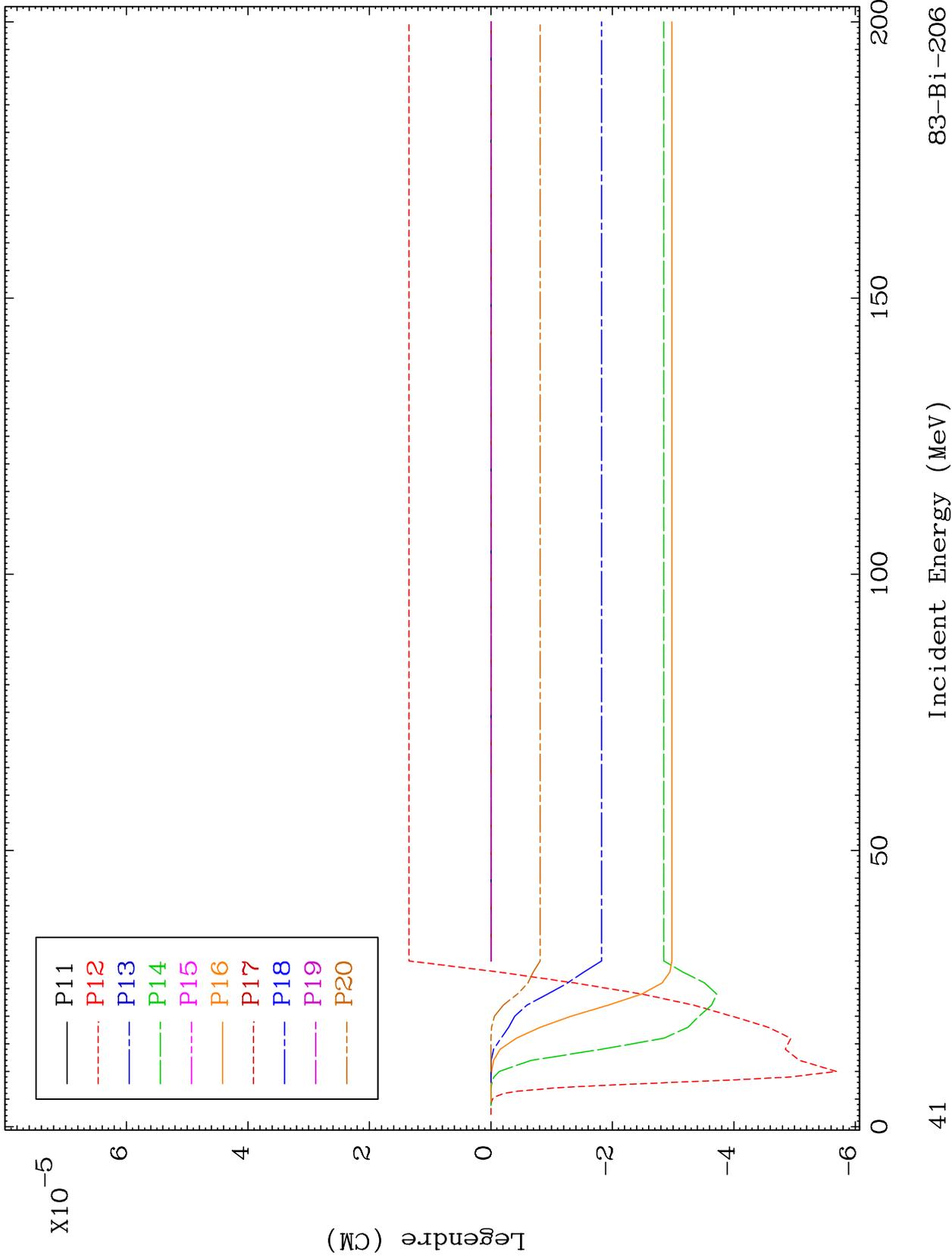


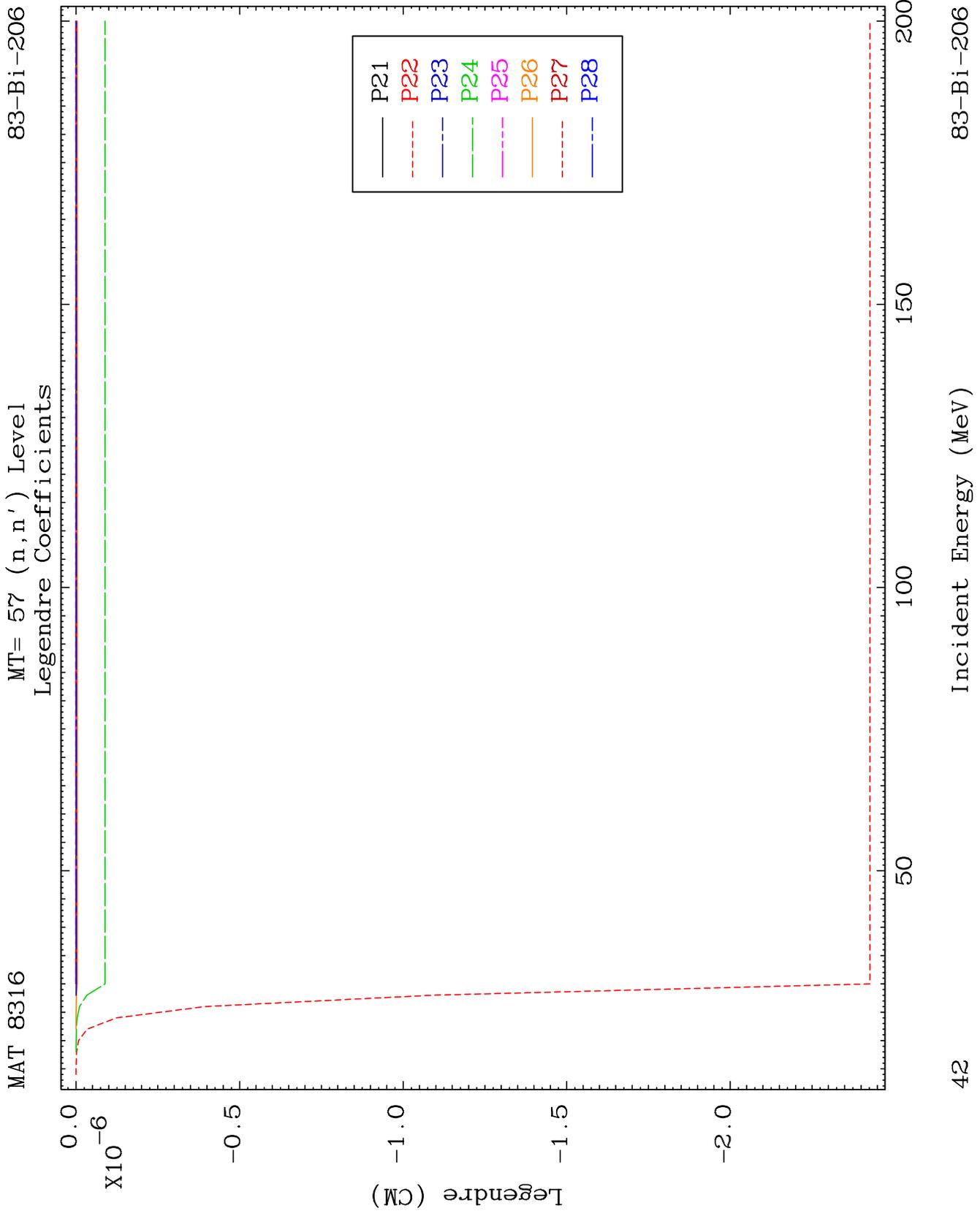
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MAT 8316

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

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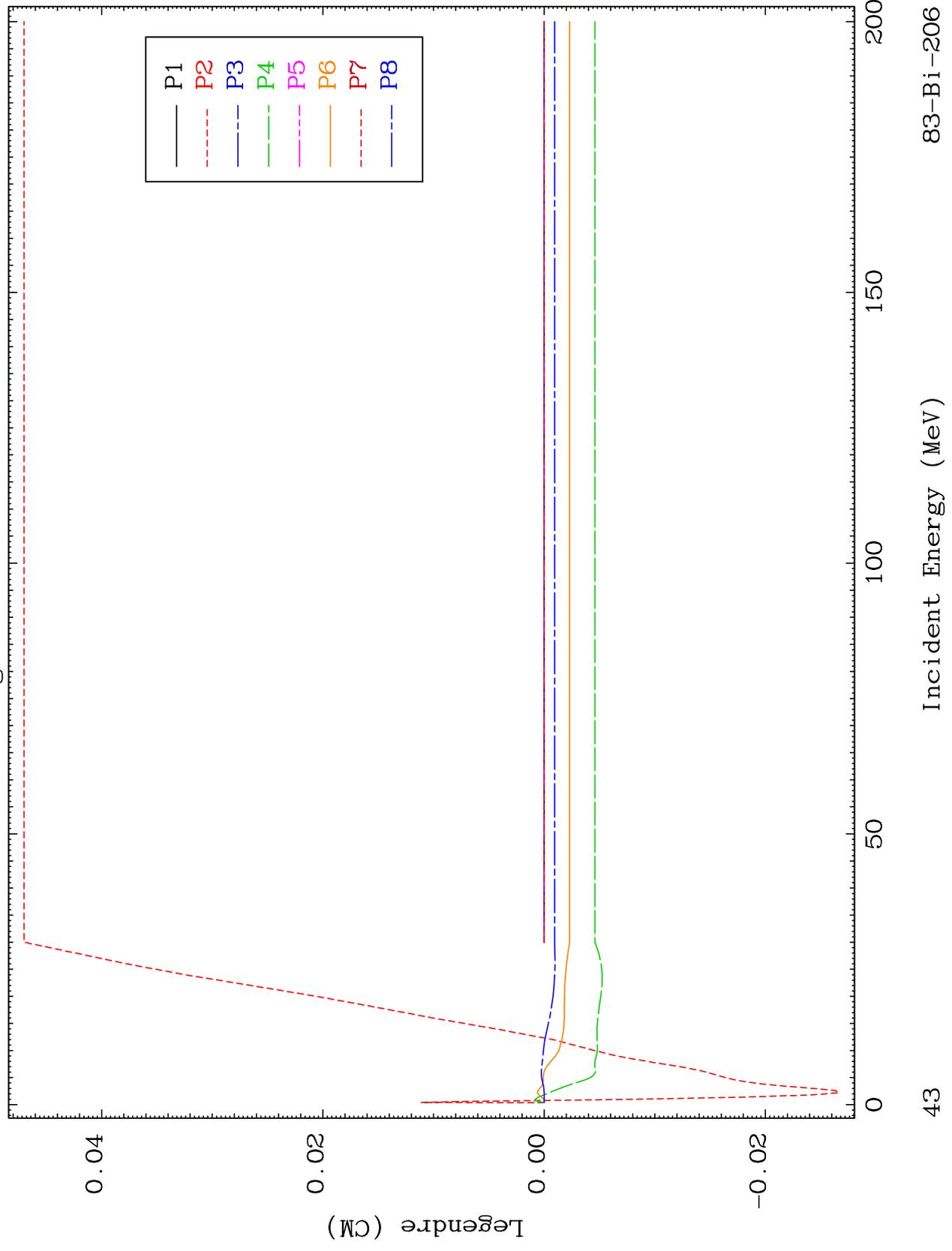




MAT 8316

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

83-Bi-206

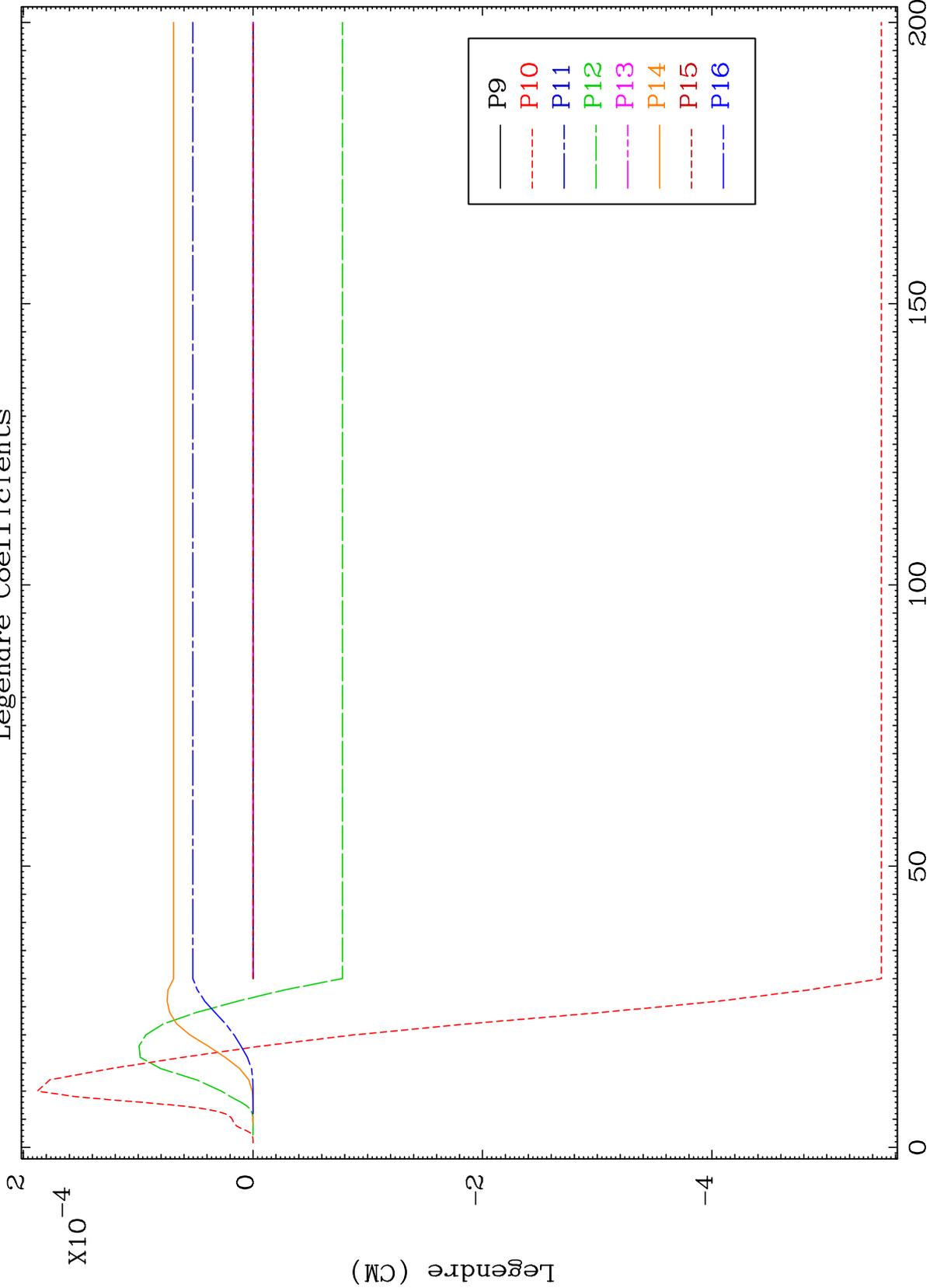


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MAT 8316

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

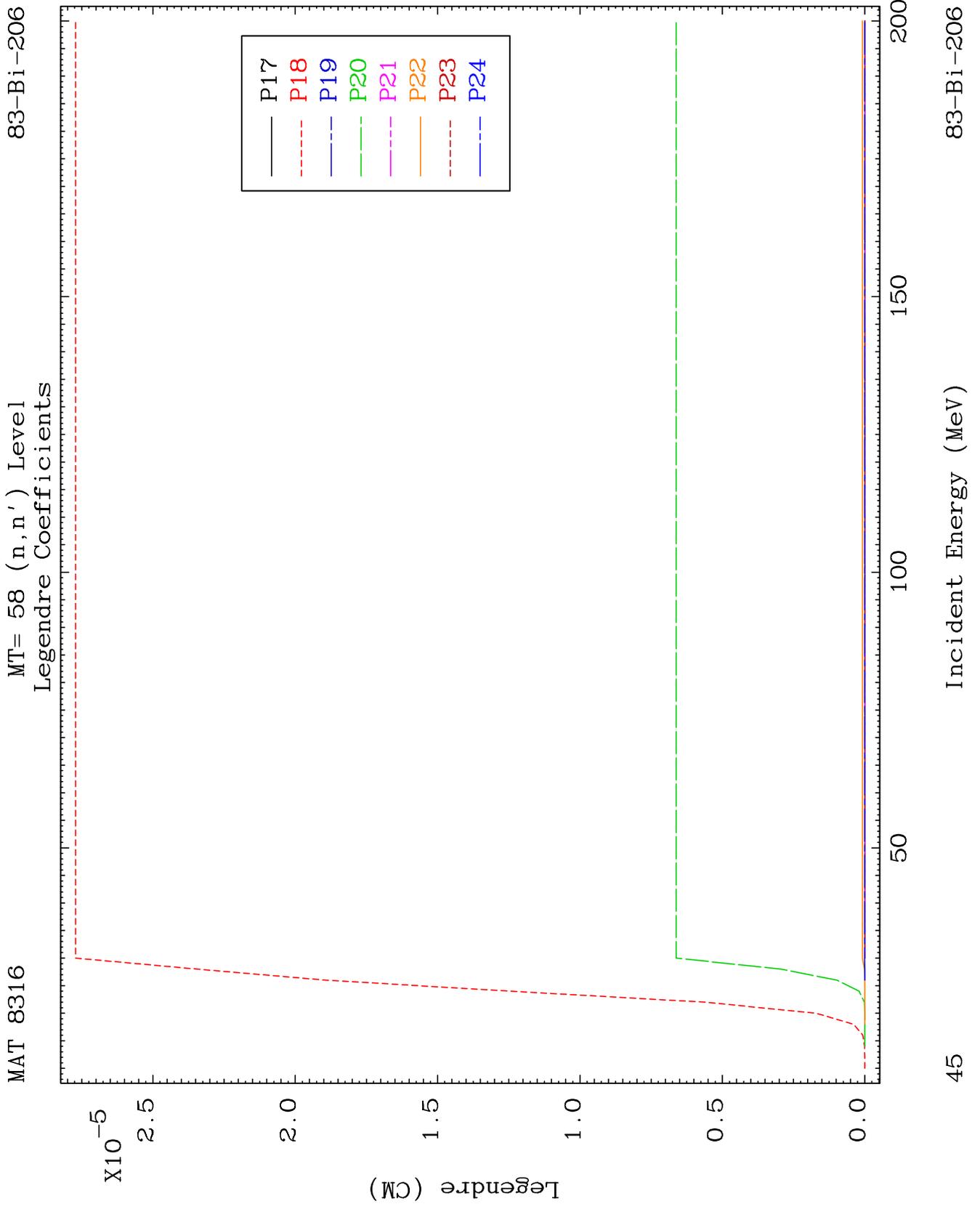
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Incident Energy (MeV)

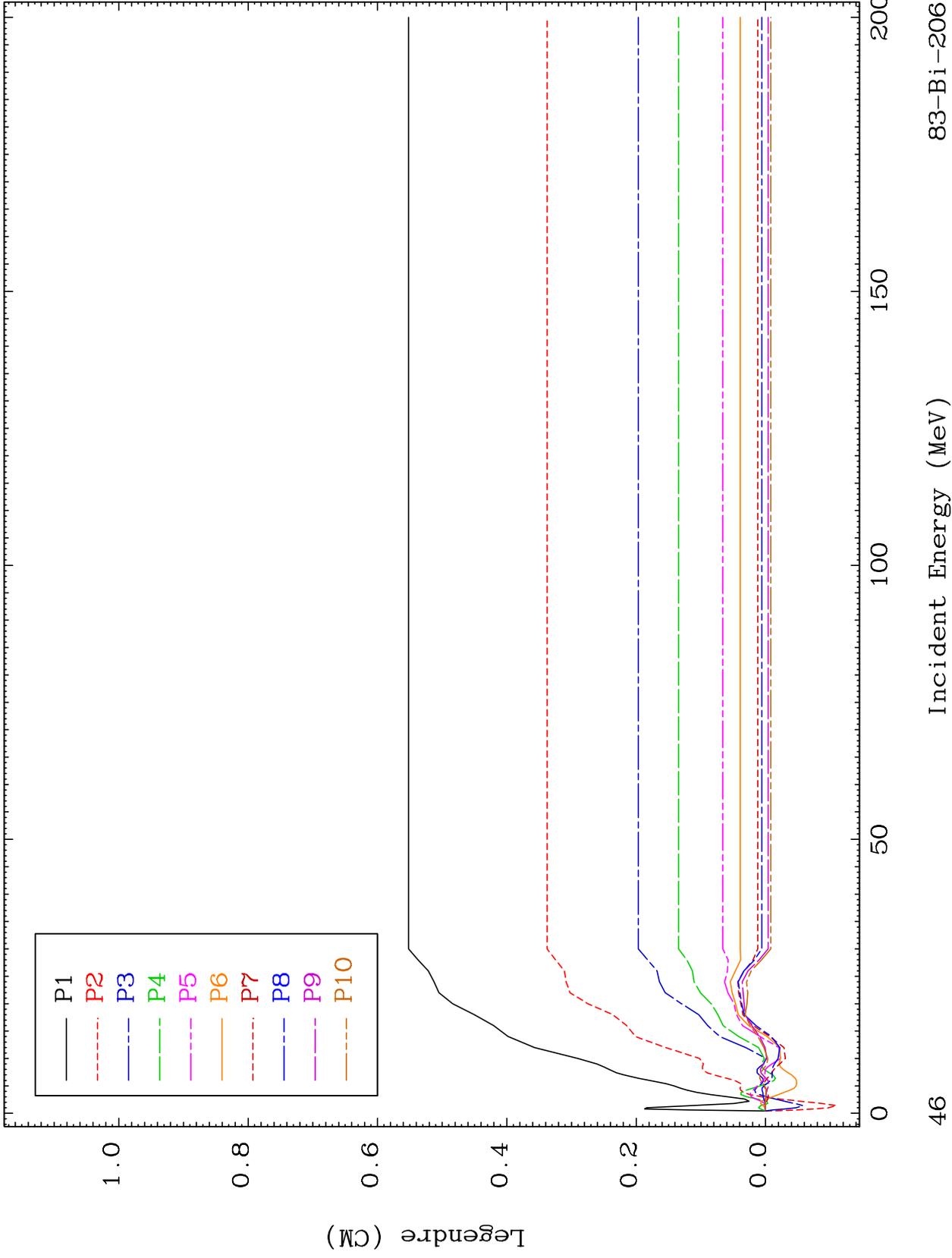
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MAT 8316

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

83-Bi-206



83-Bi-206

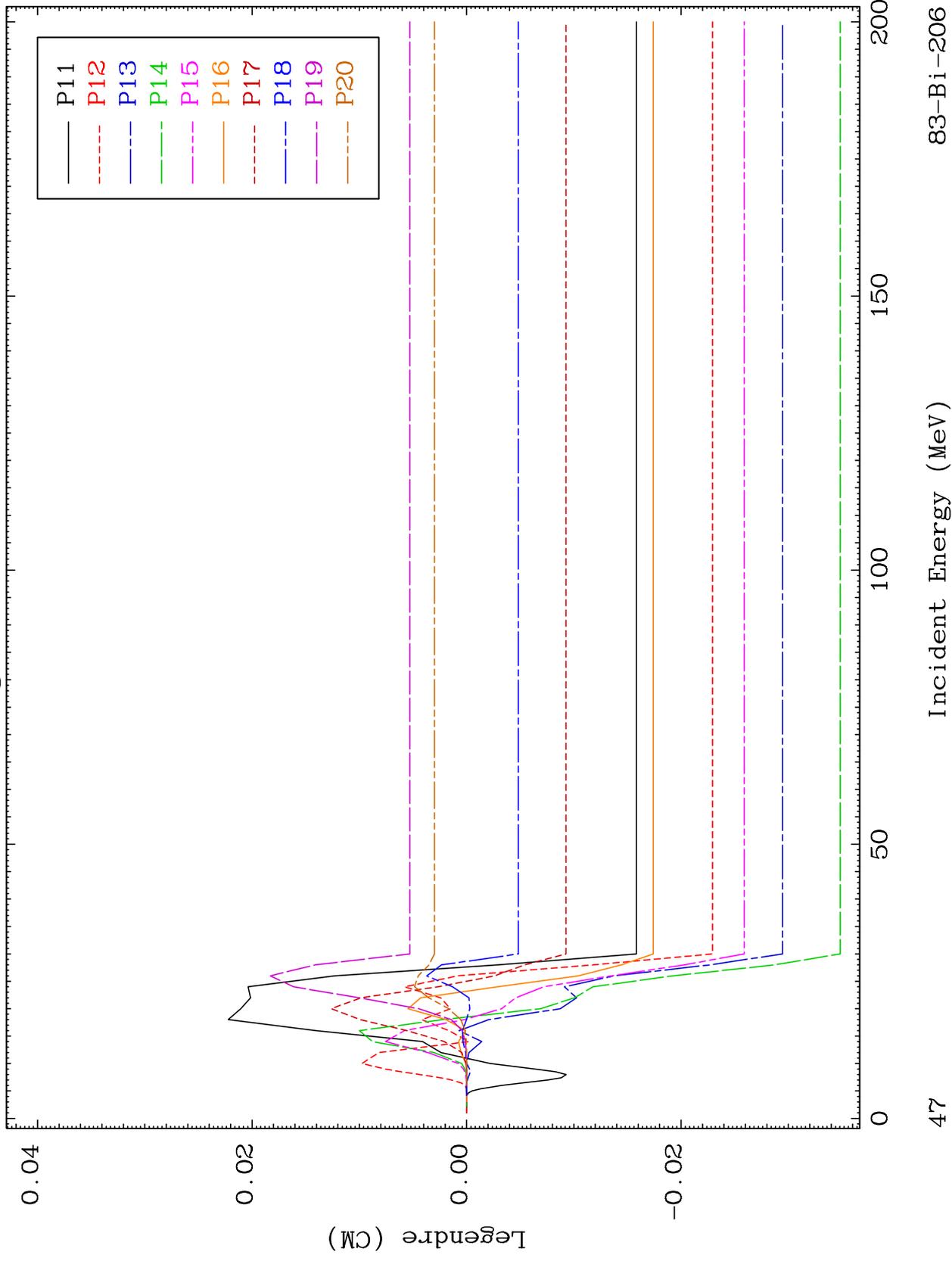
Incident Energy (MeV)

46

MAT 8316

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

83-Bi-206



47

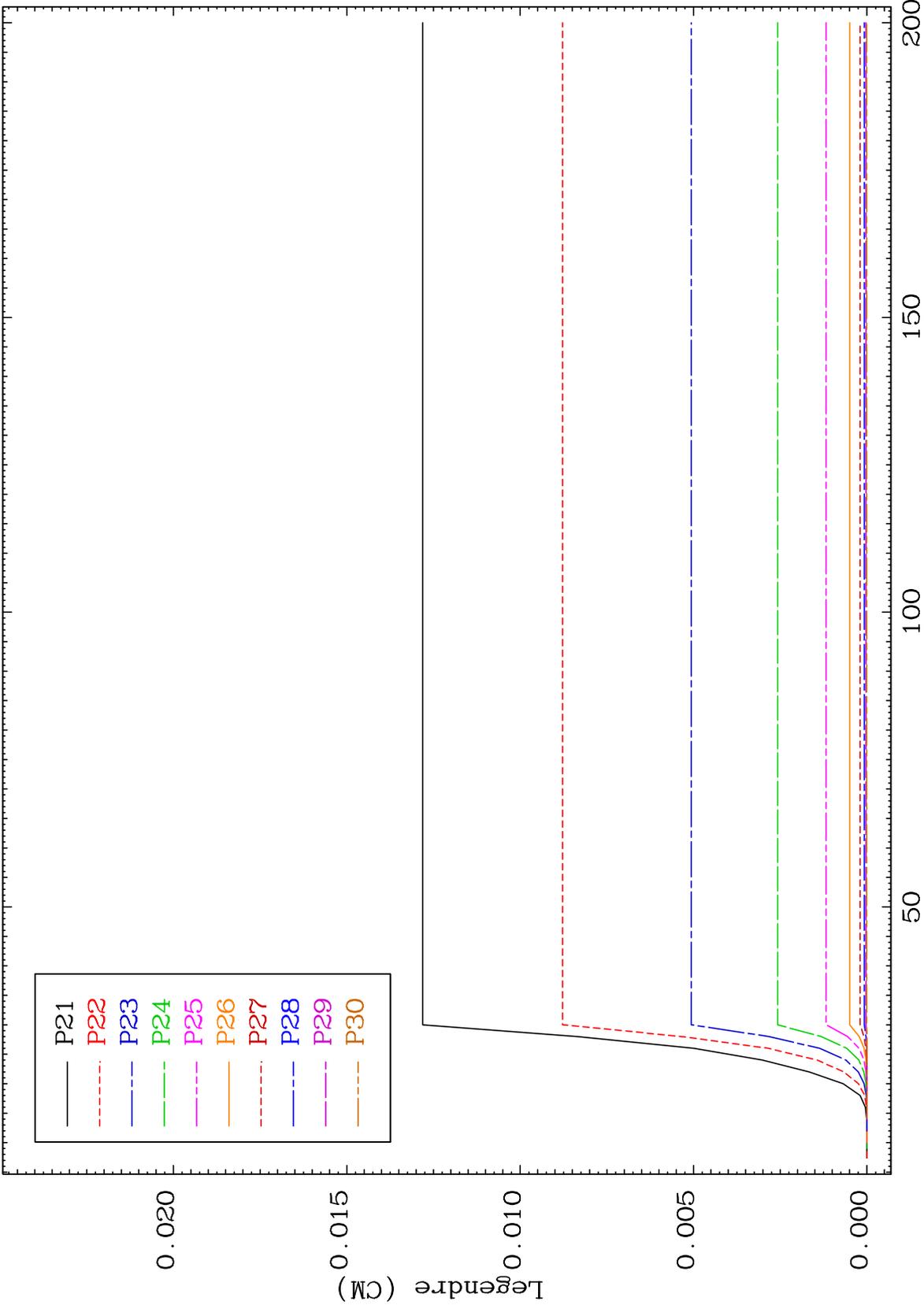
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MAT 8316

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

83-Bi-206



48

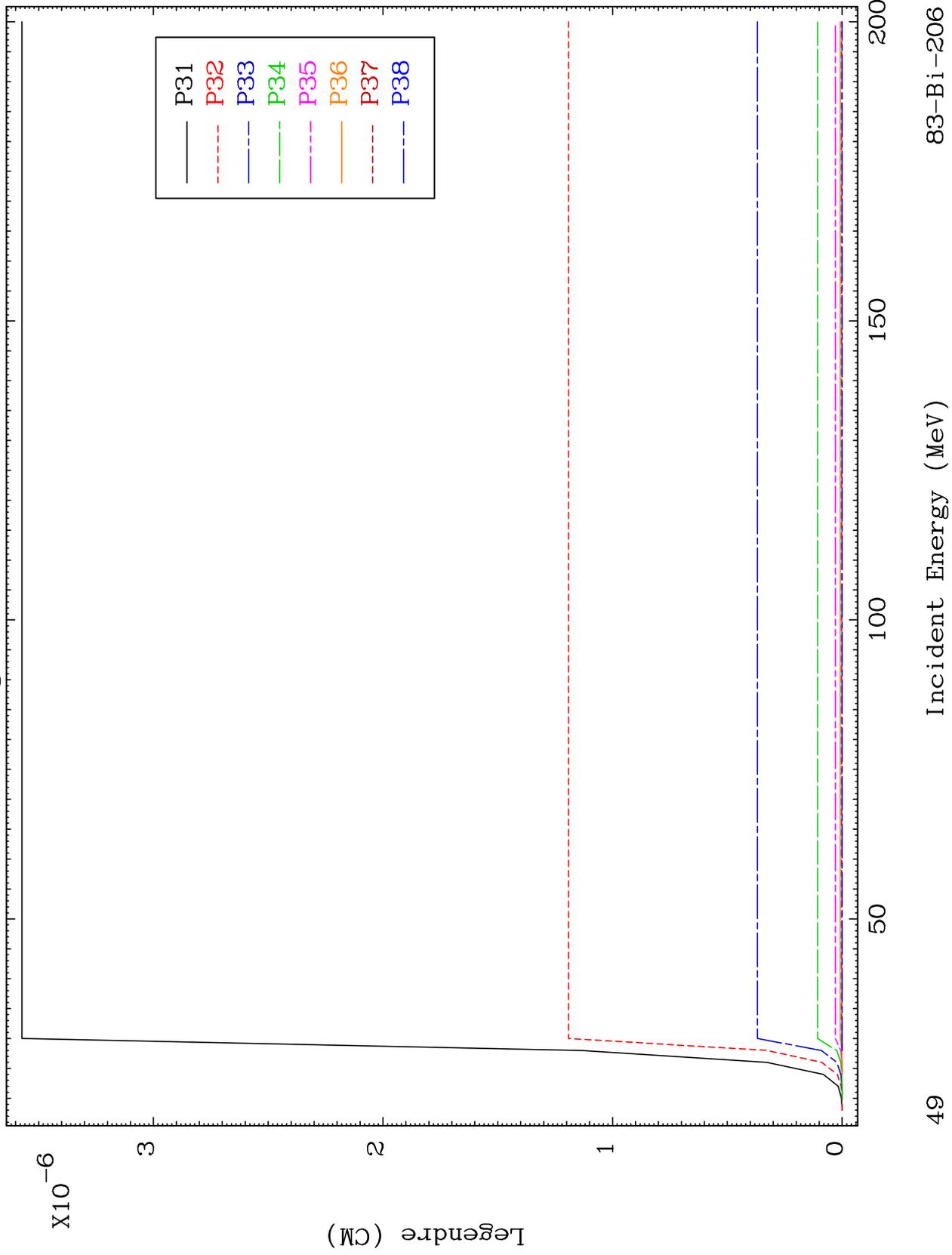
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MT= 59 (n,n') Level
Legendre Coefficients

83-Bi-206



49

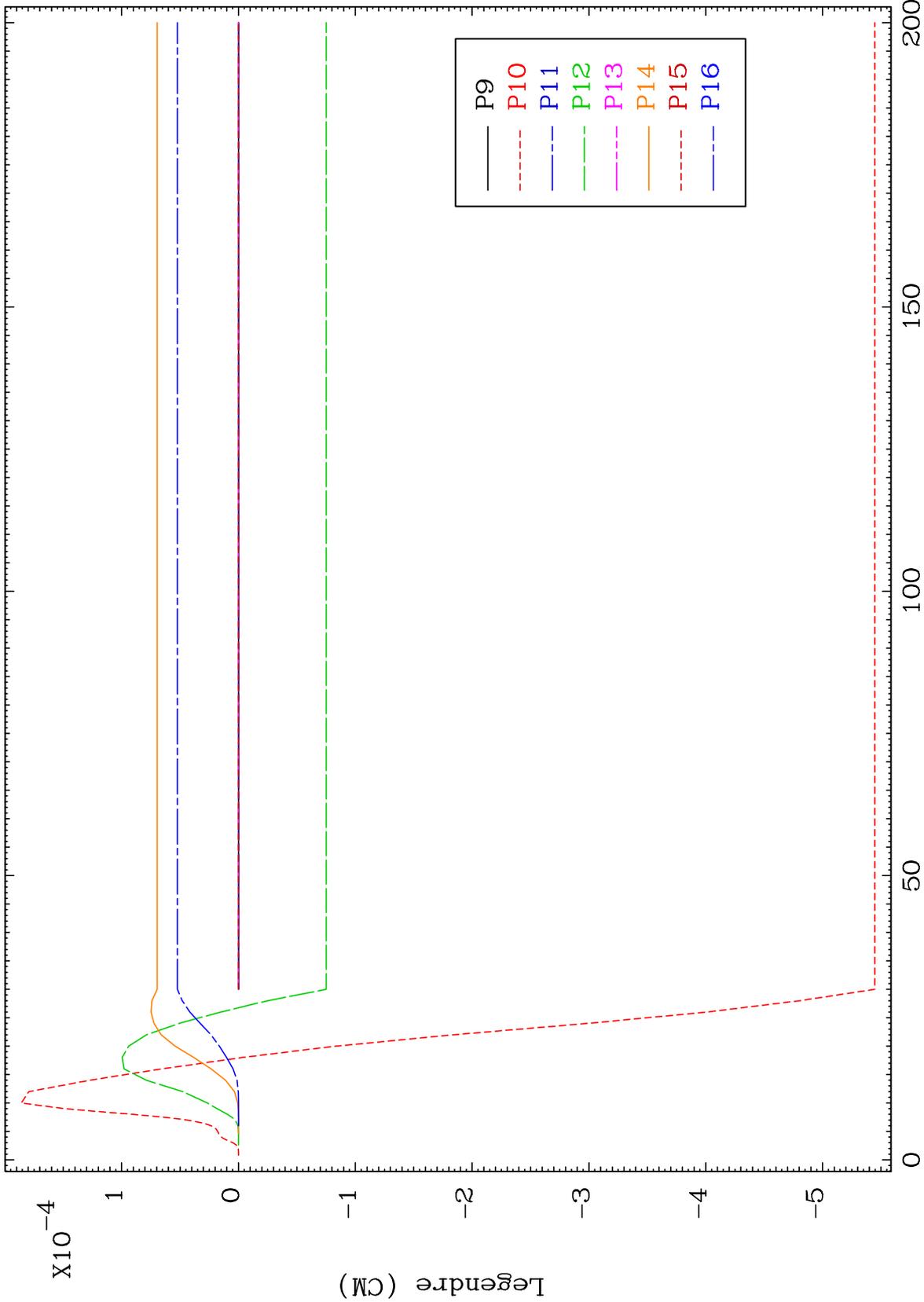
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MAT 8316

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

83-Bi-206



51

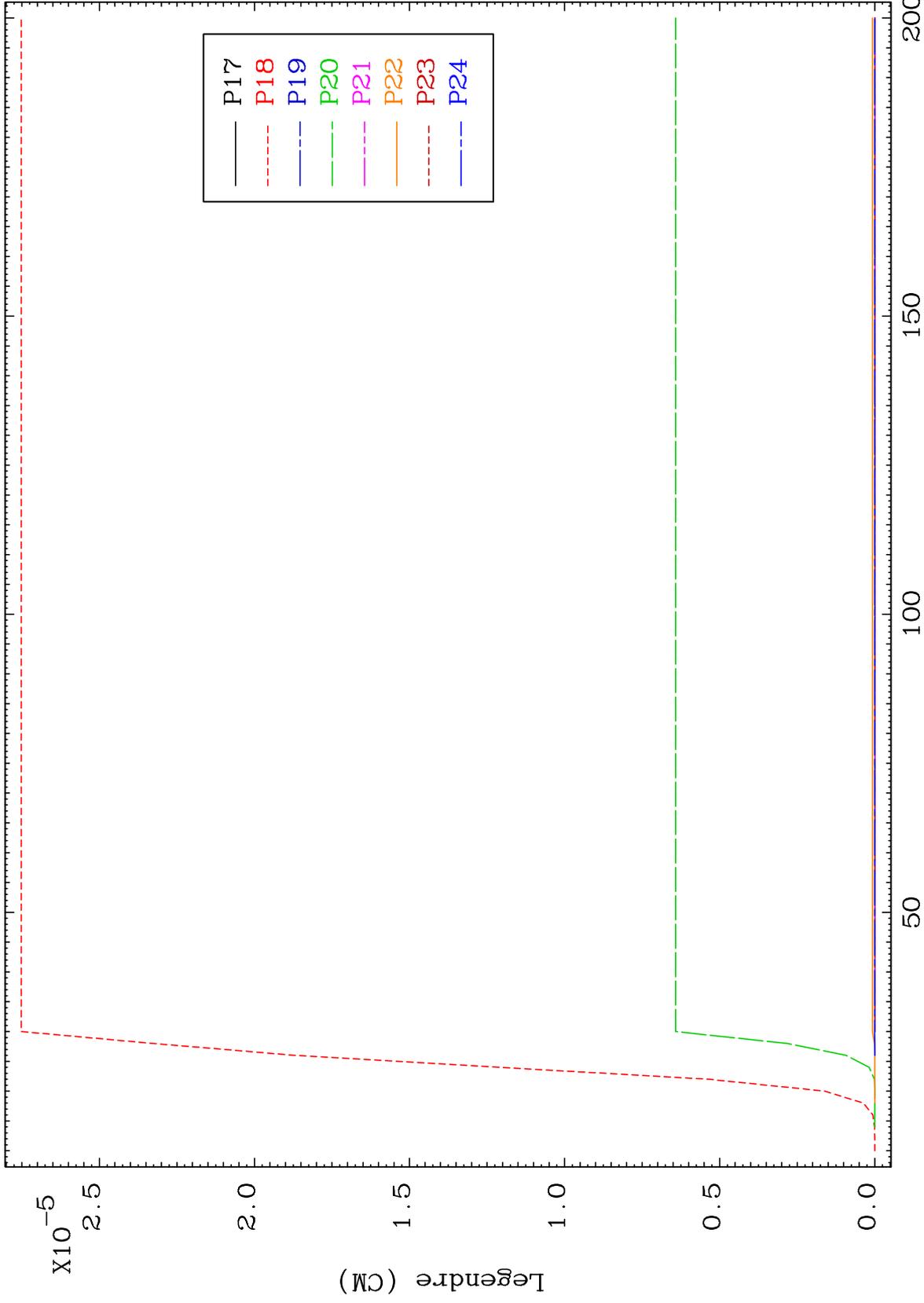
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MT= 60 (n,n') Level
Legendre Coefficients

83-Bi-206



52

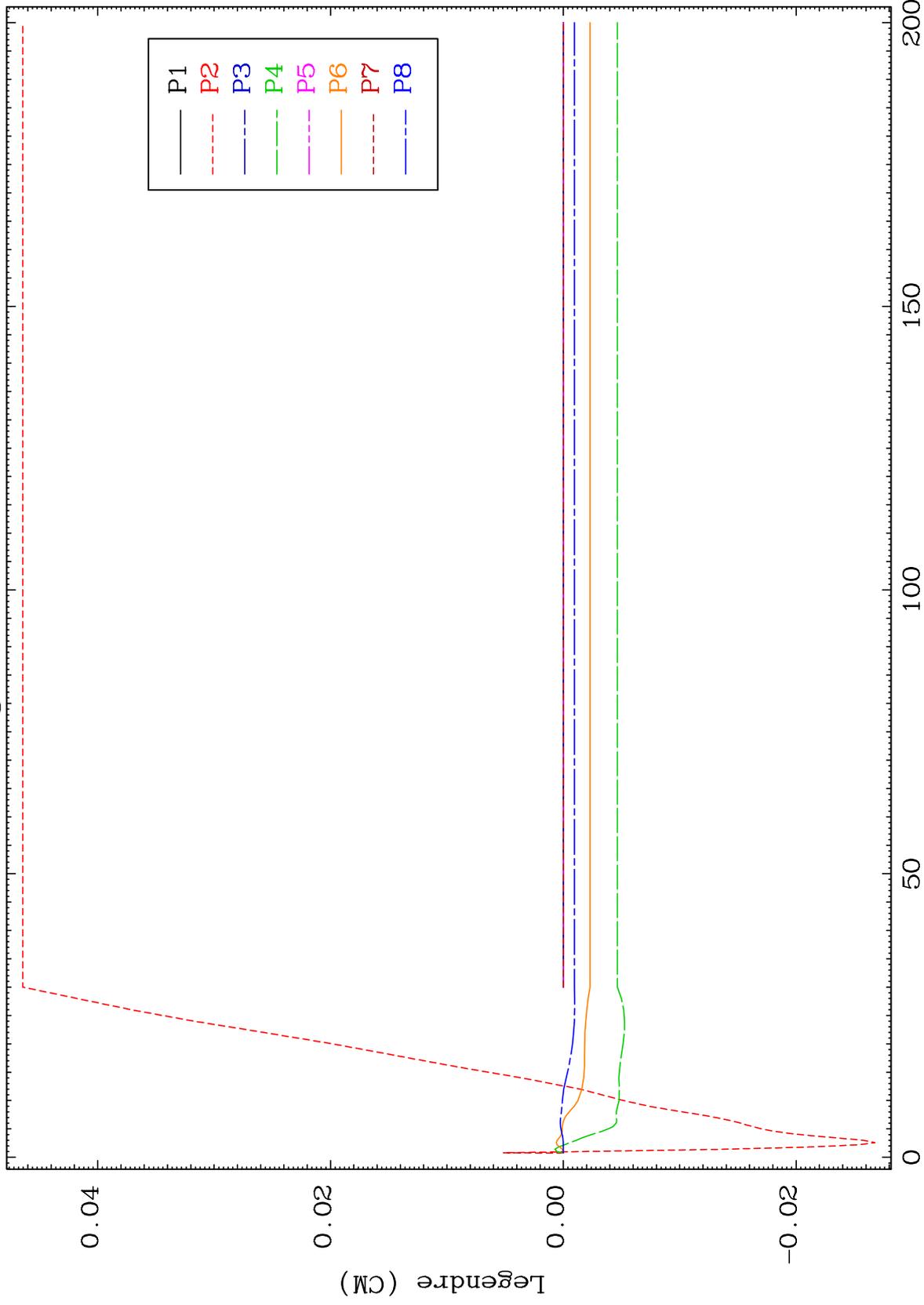
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MAT 8316

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

83-Bi-206



53

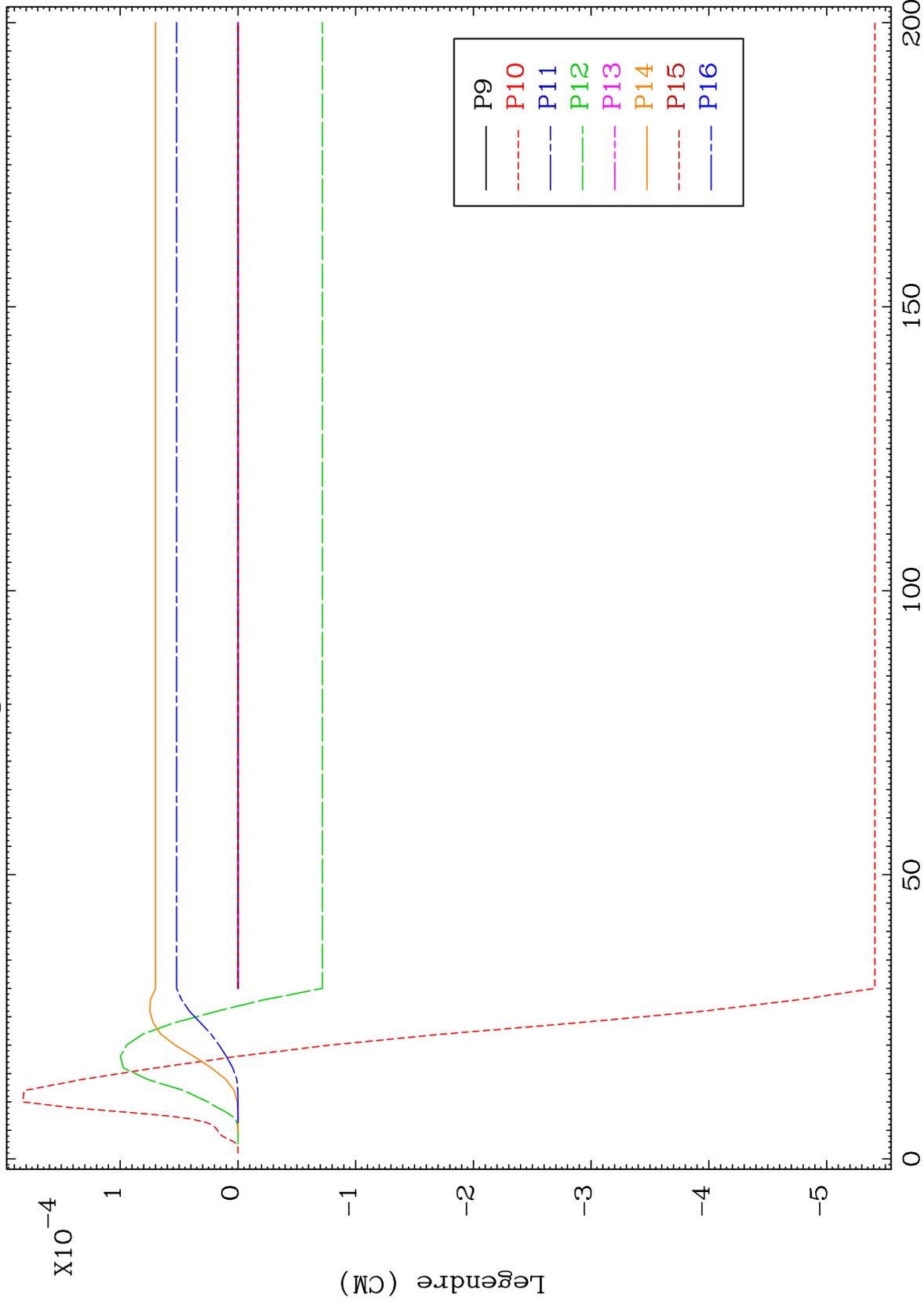
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MAT 8316

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

83-Bi-206



54

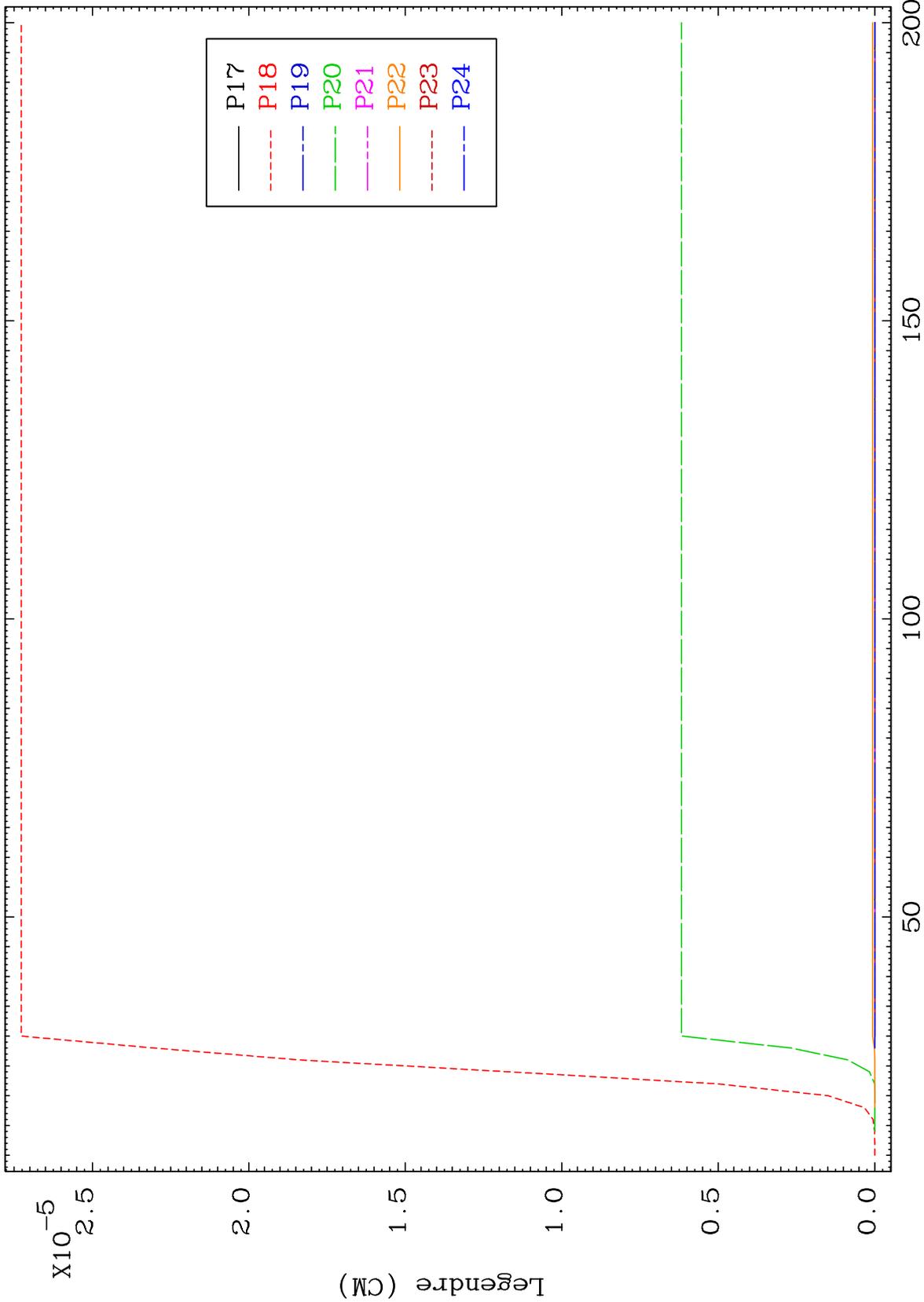
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



83-Bi-206

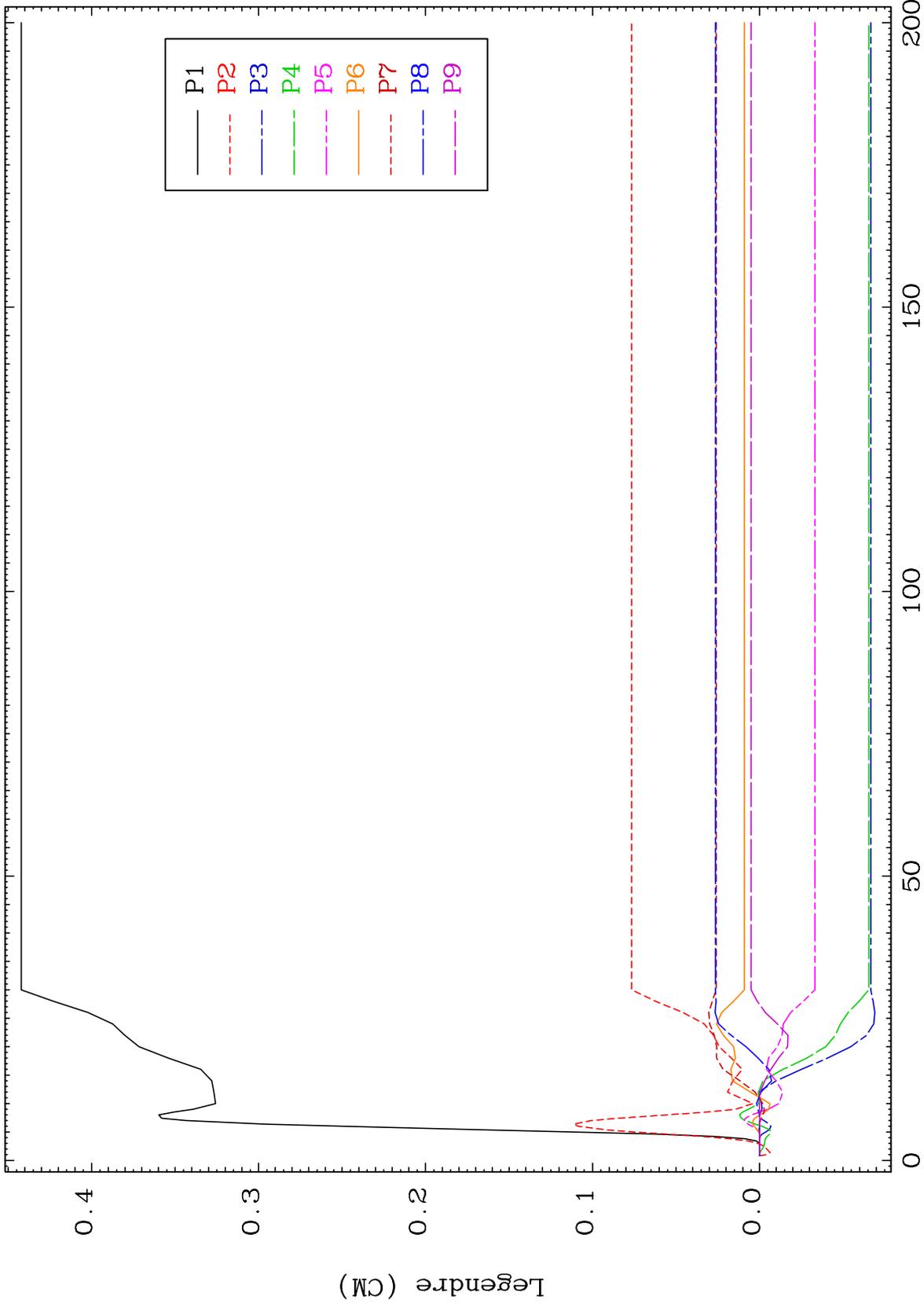
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



56

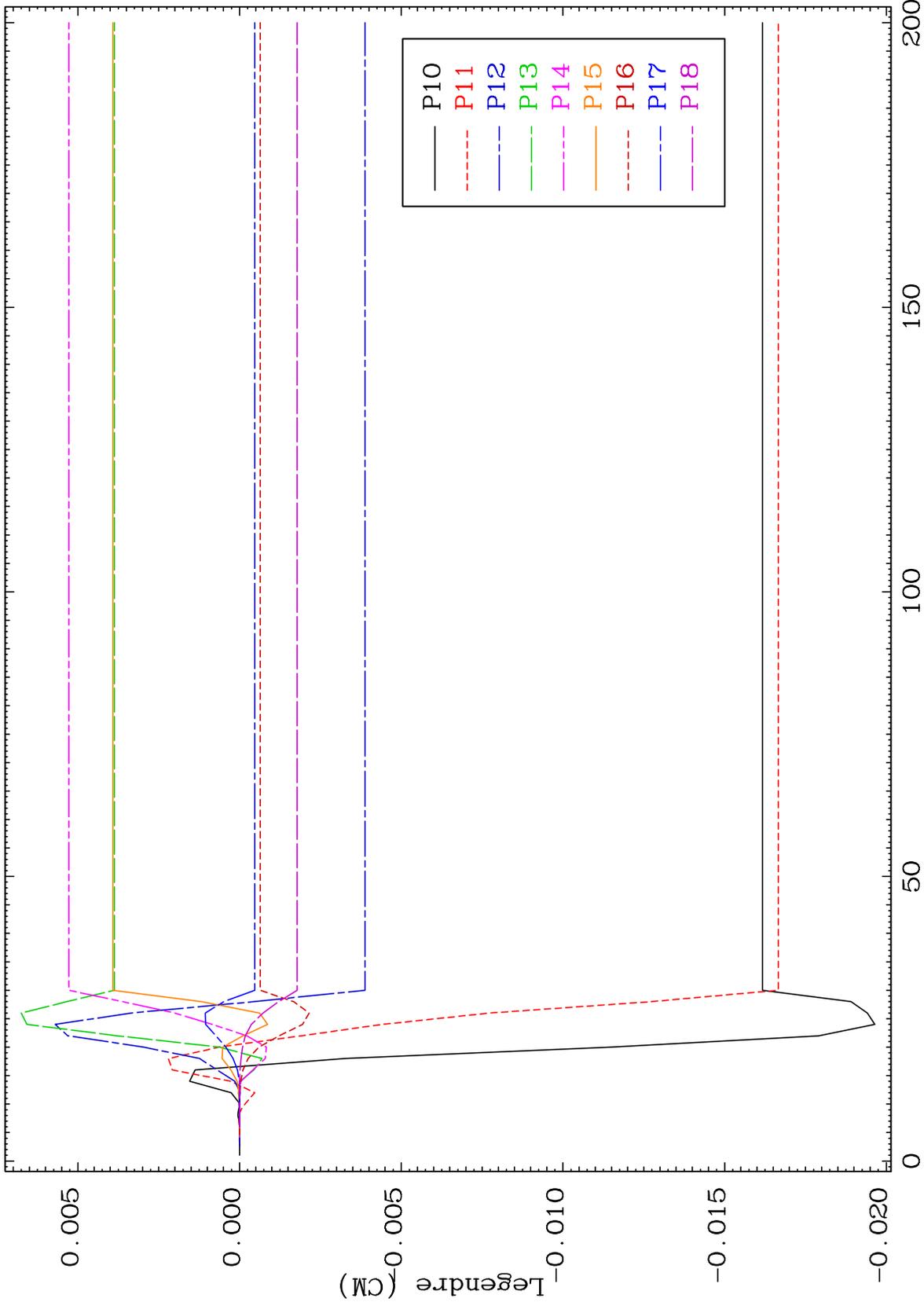
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



57

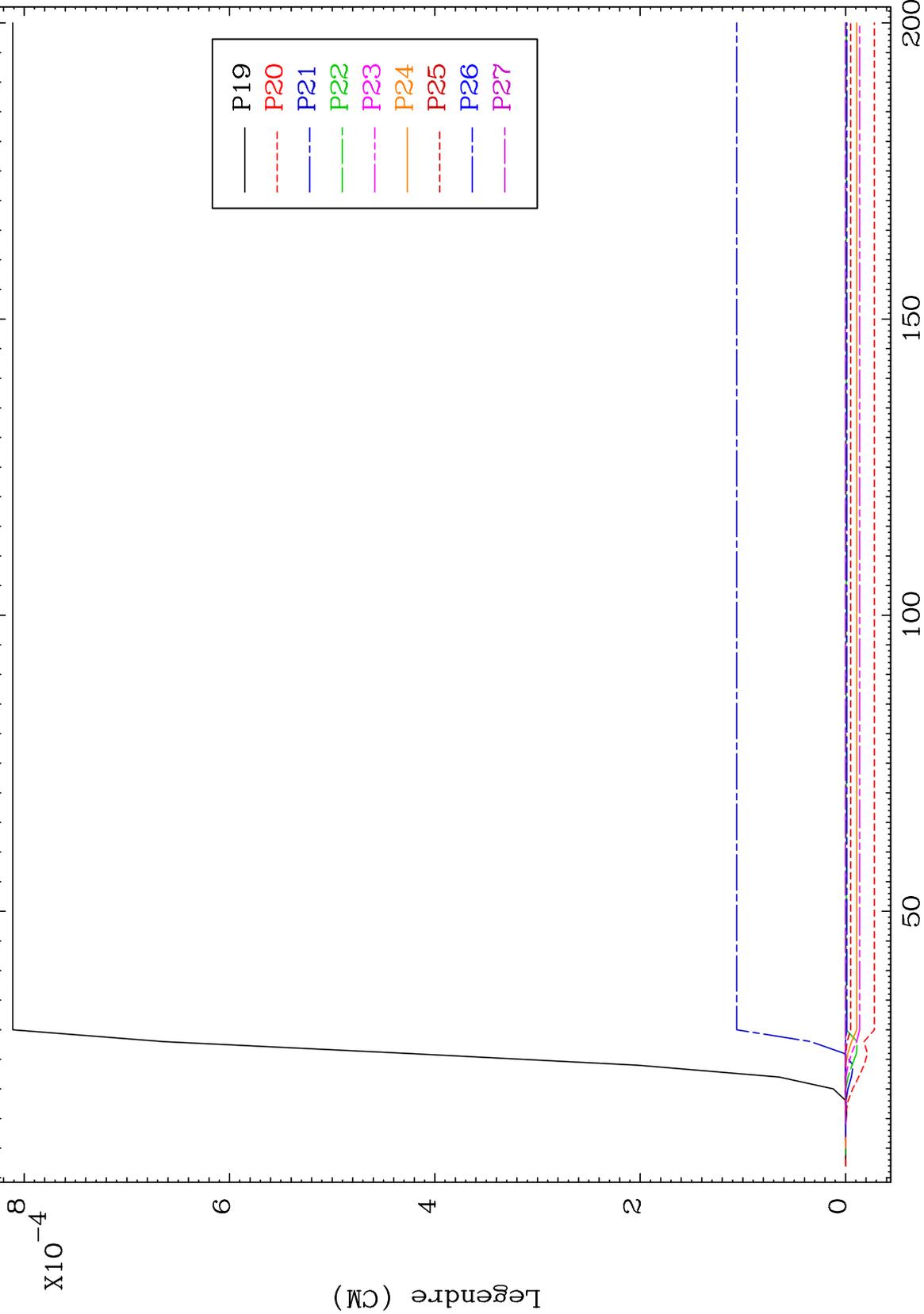
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



58

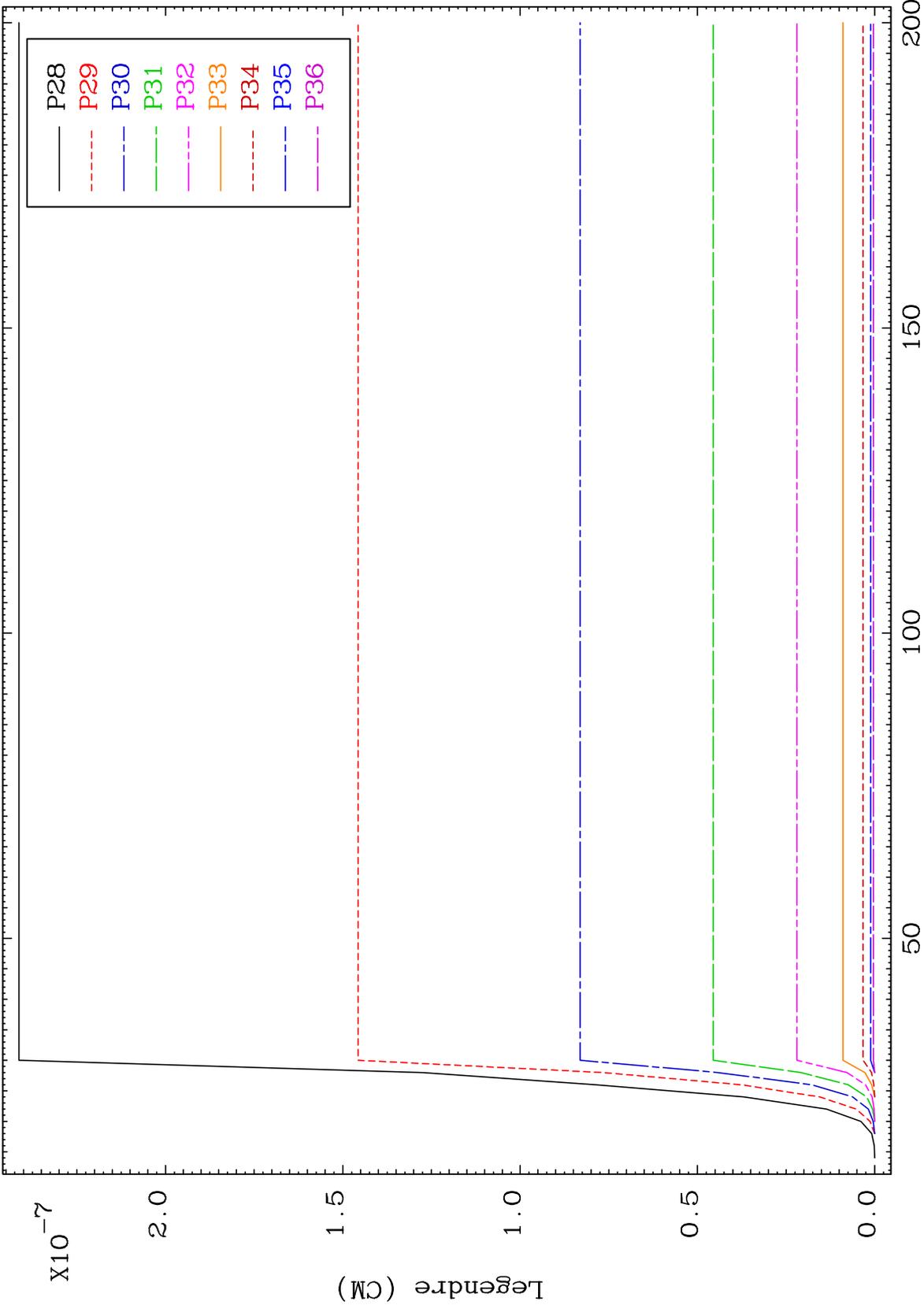
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



59

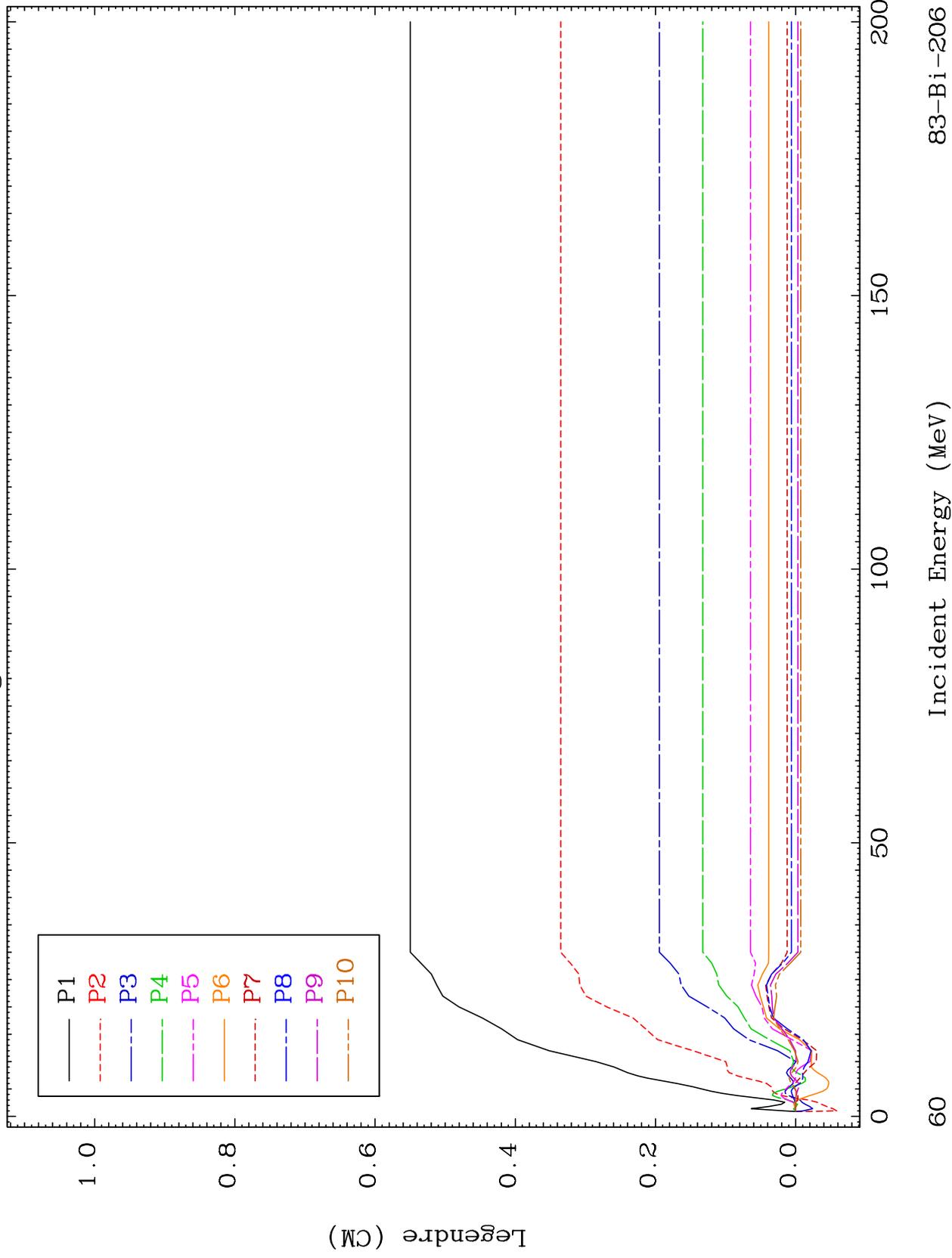
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

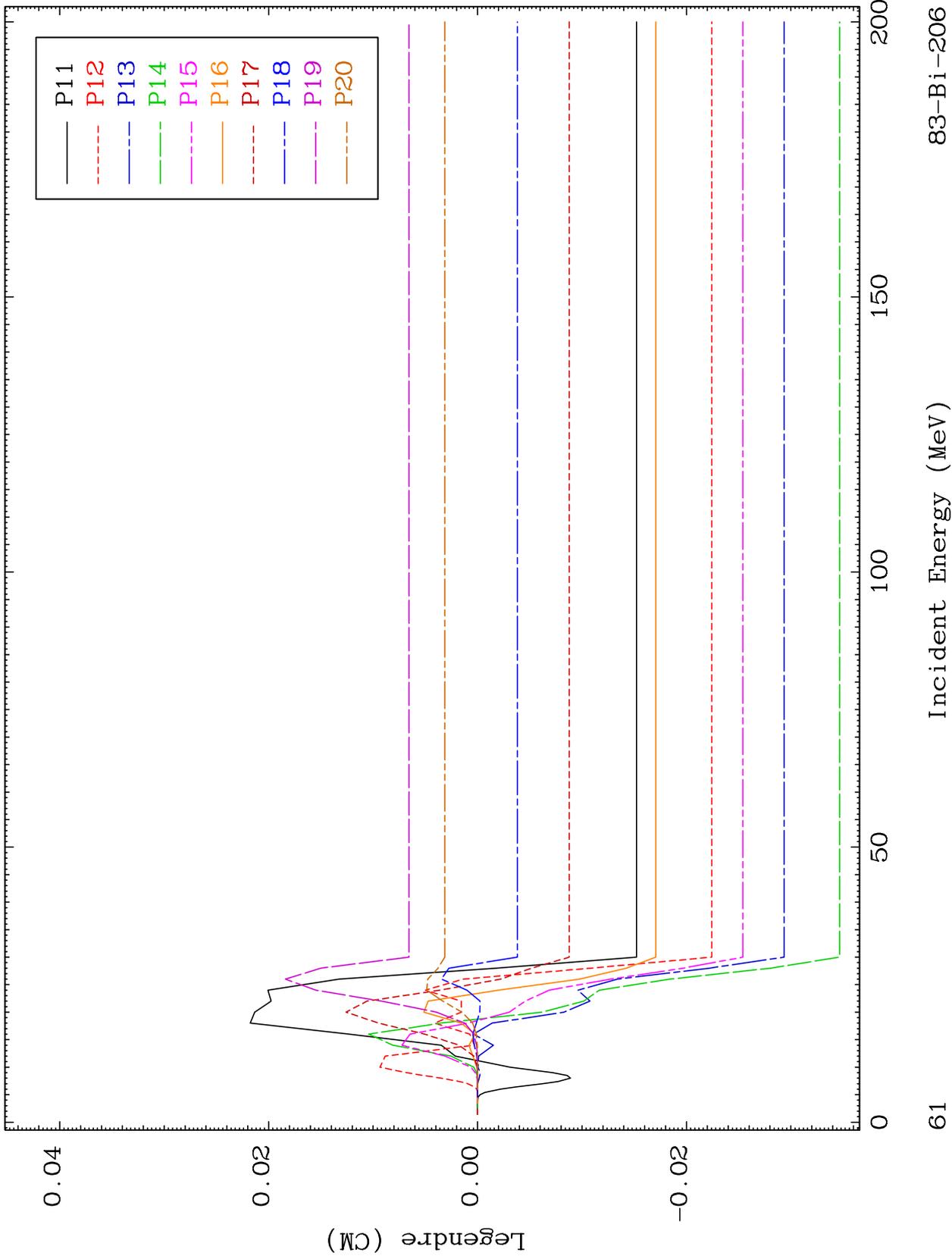
Incident Energy (MeV)

60

MAT 8316

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

83-Bi-206



61

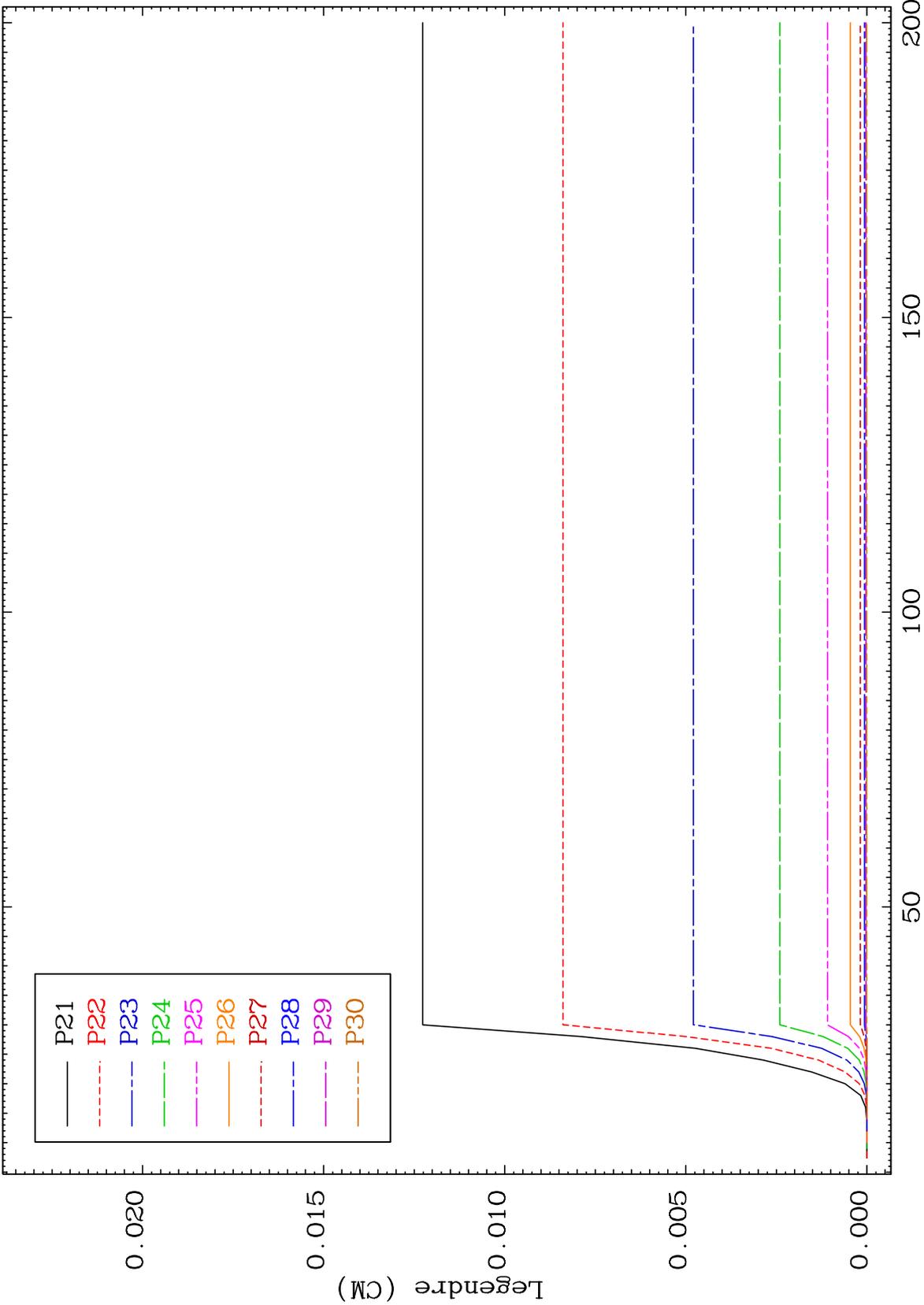
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



62

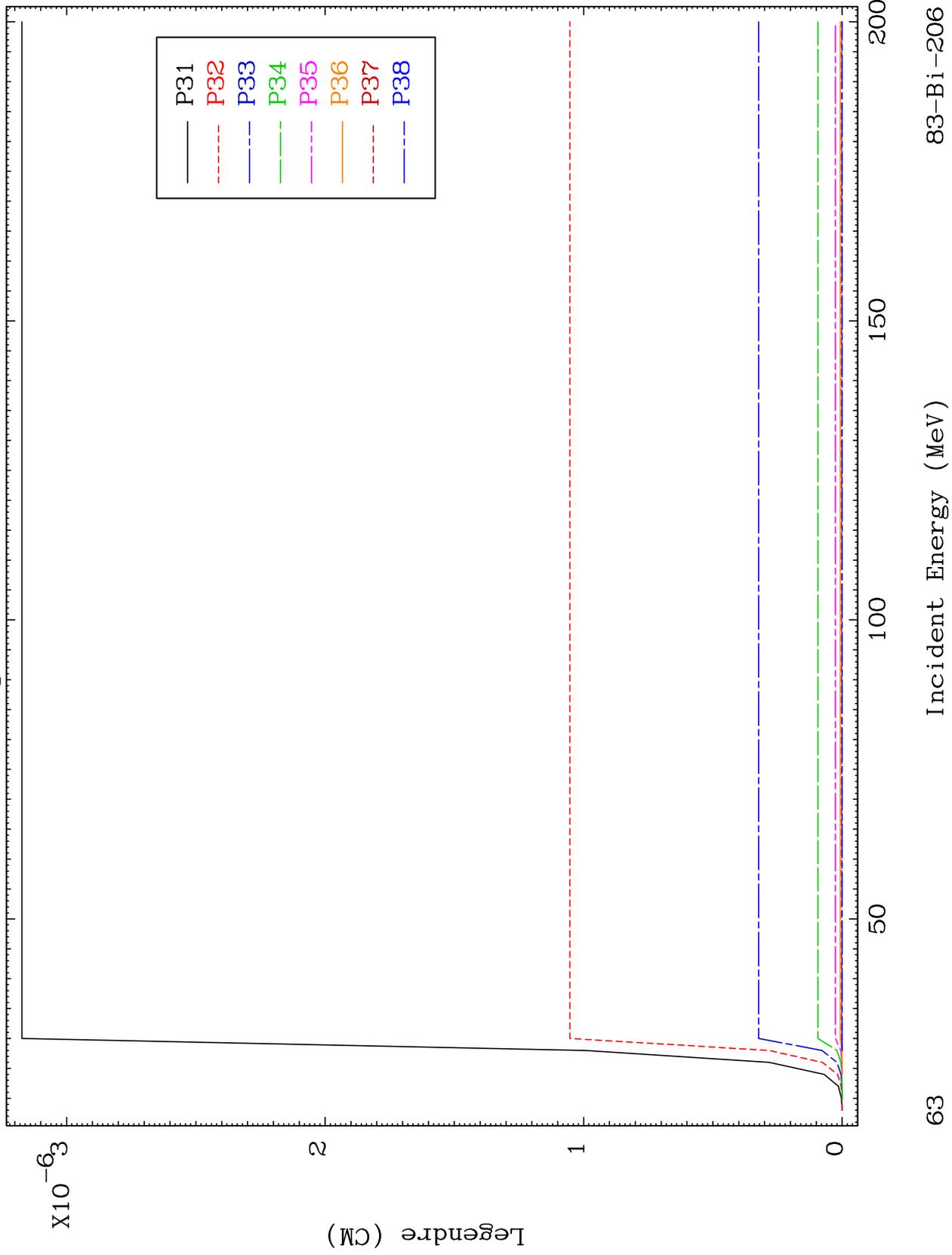
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



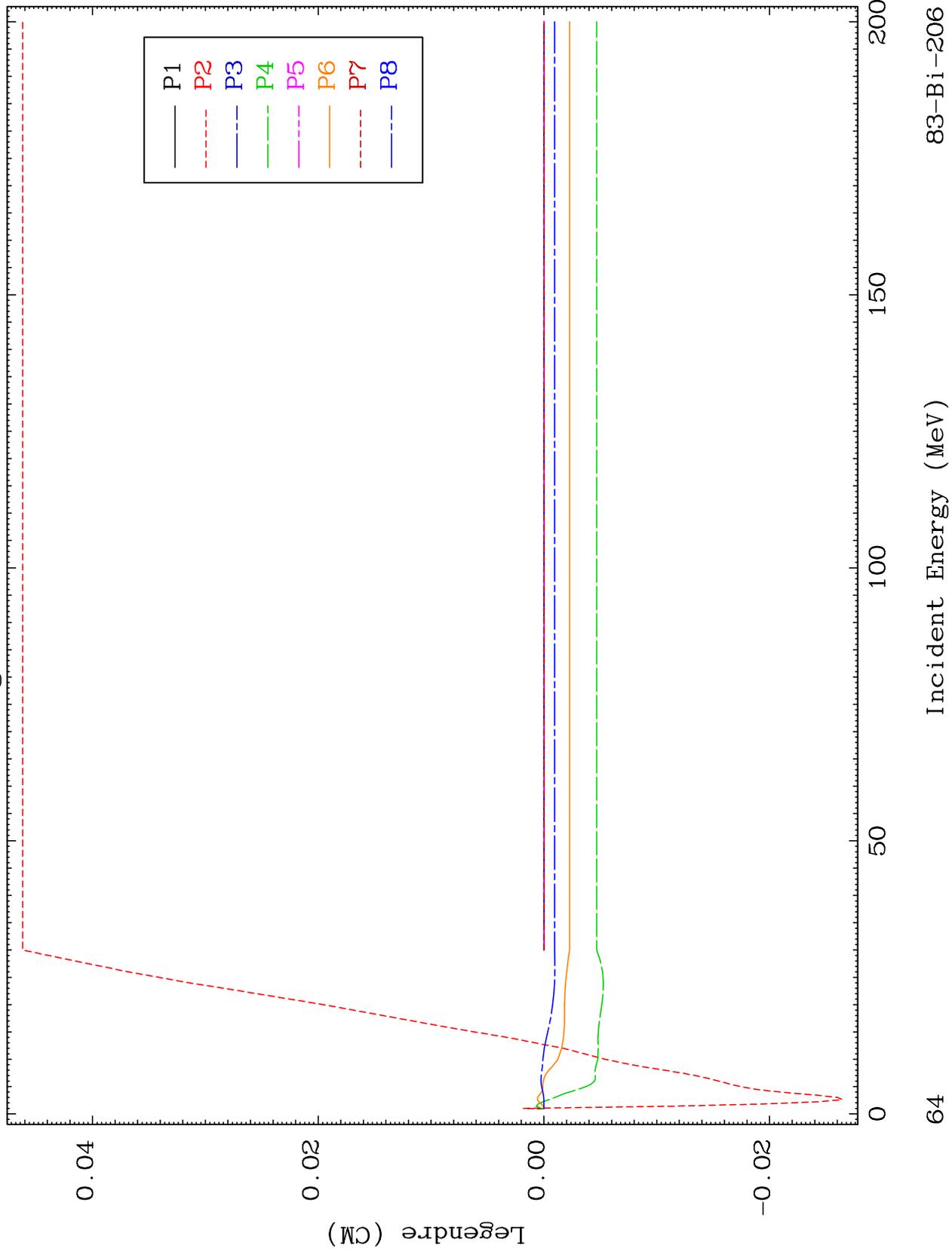
63

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

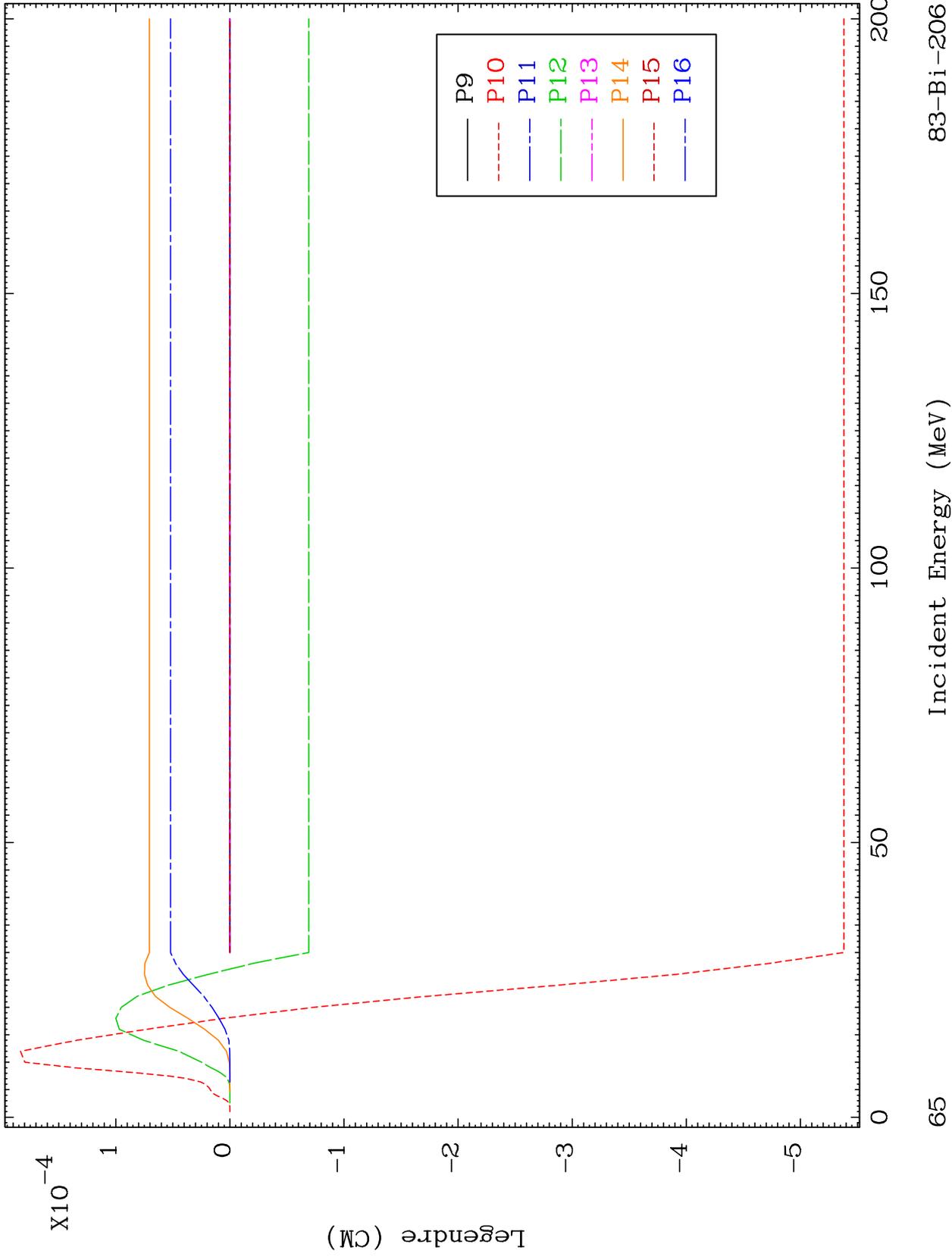
Incident Energy (MeV)

64

MAT 8316

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

83-Bi-206



83-Bi-206

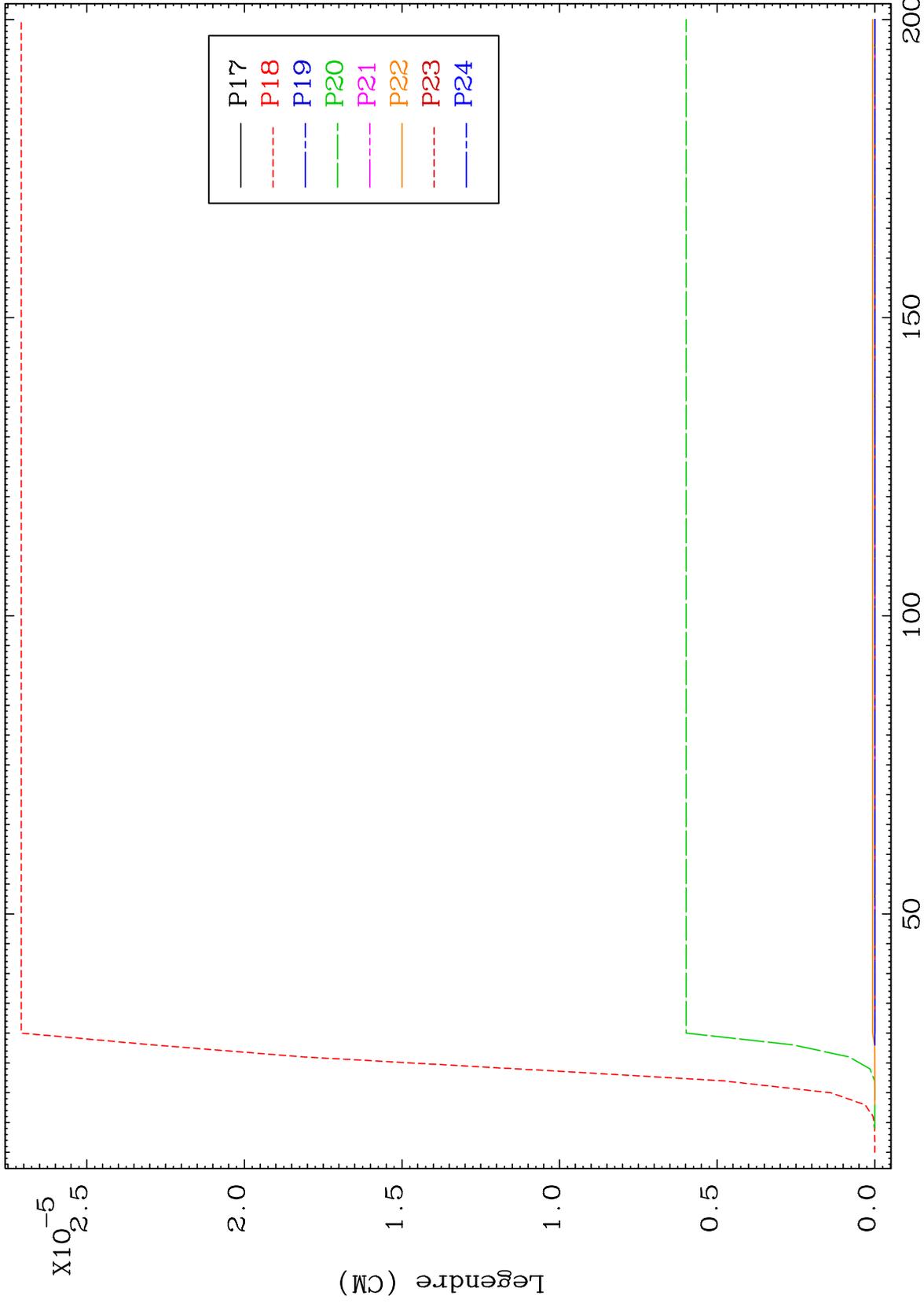
Incident Energy (MeV)

65

MAT 8316

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

83-Bi-206



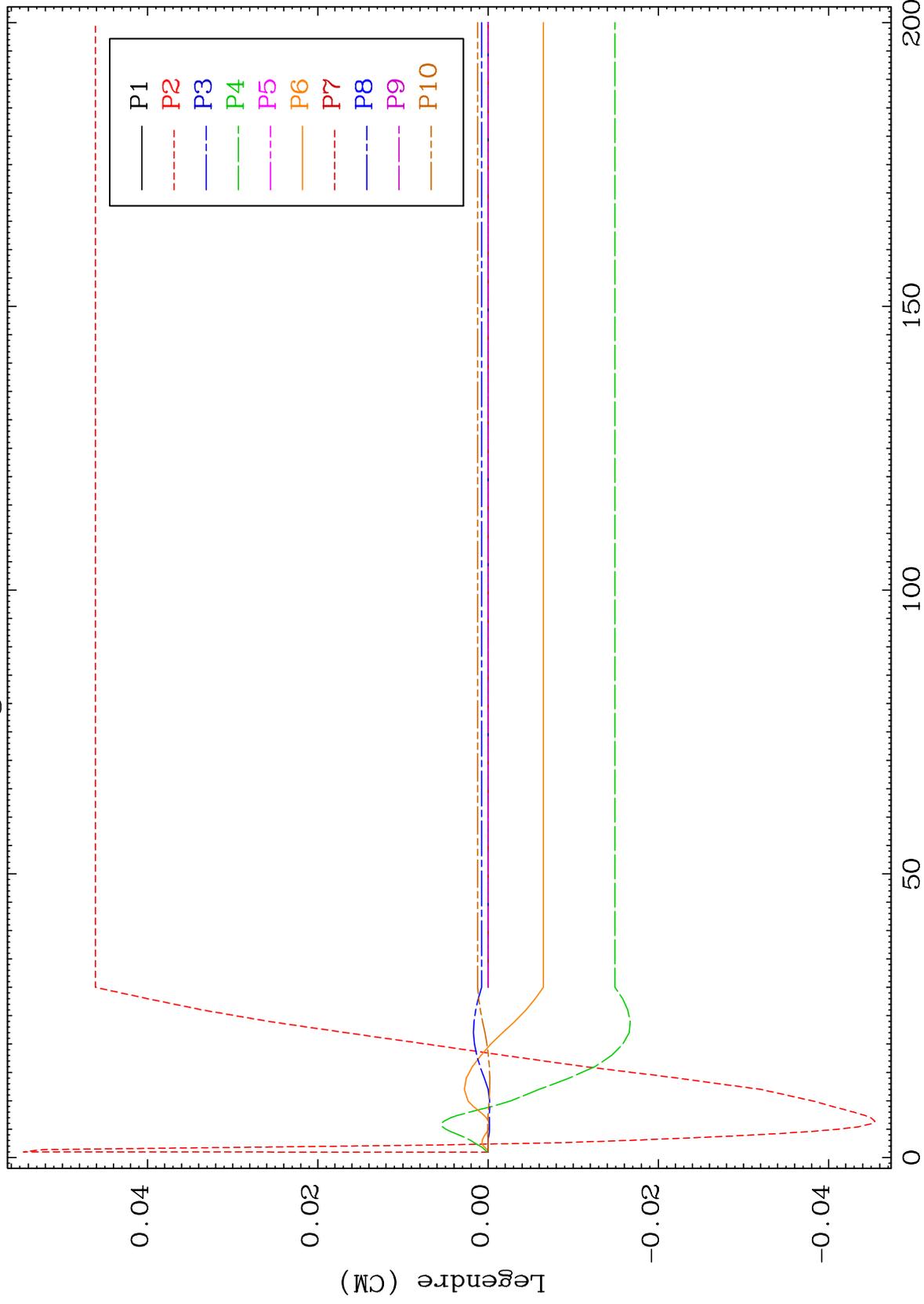
66

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

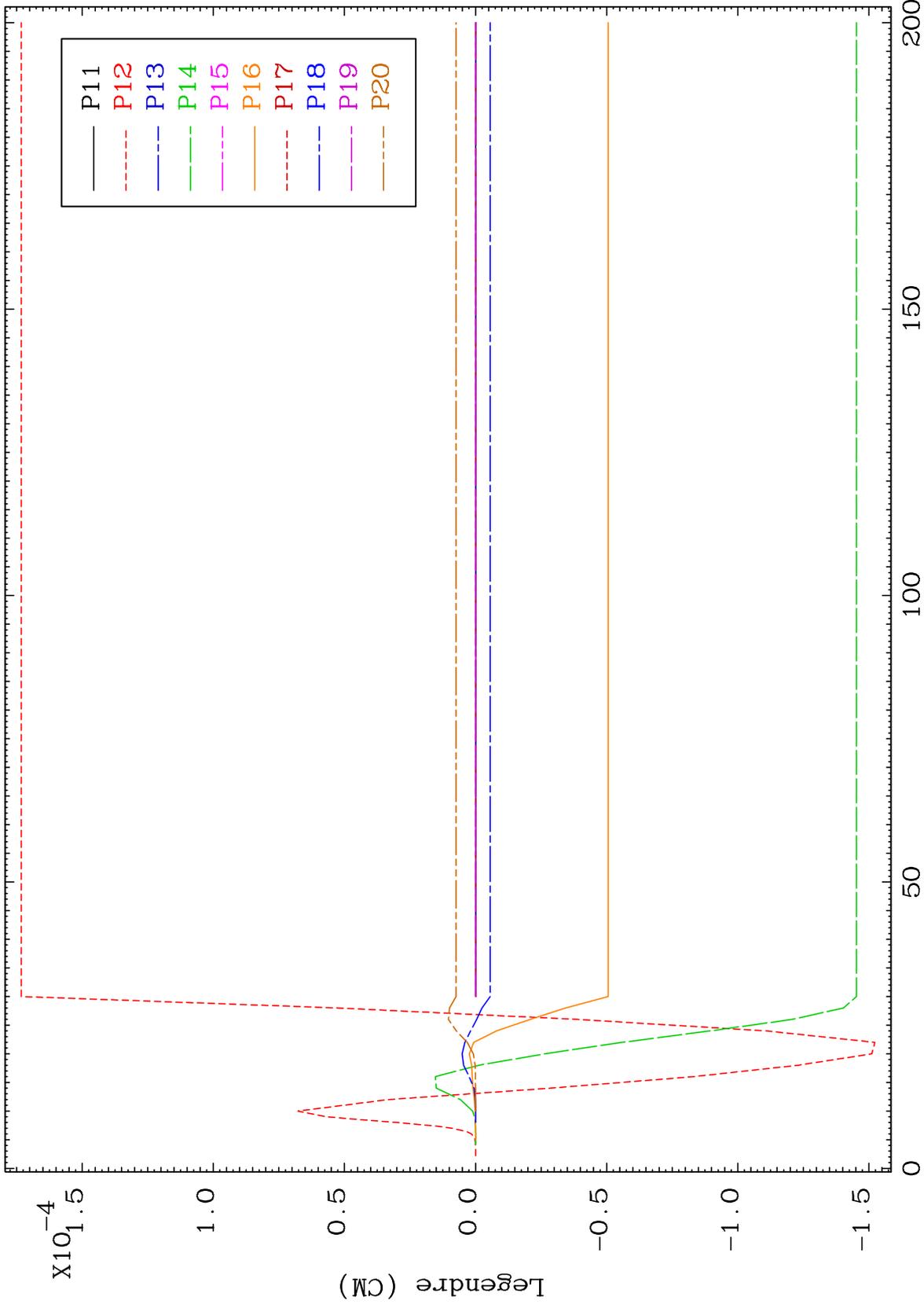
Incident Energy (MeV)

67

MAT 8316

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

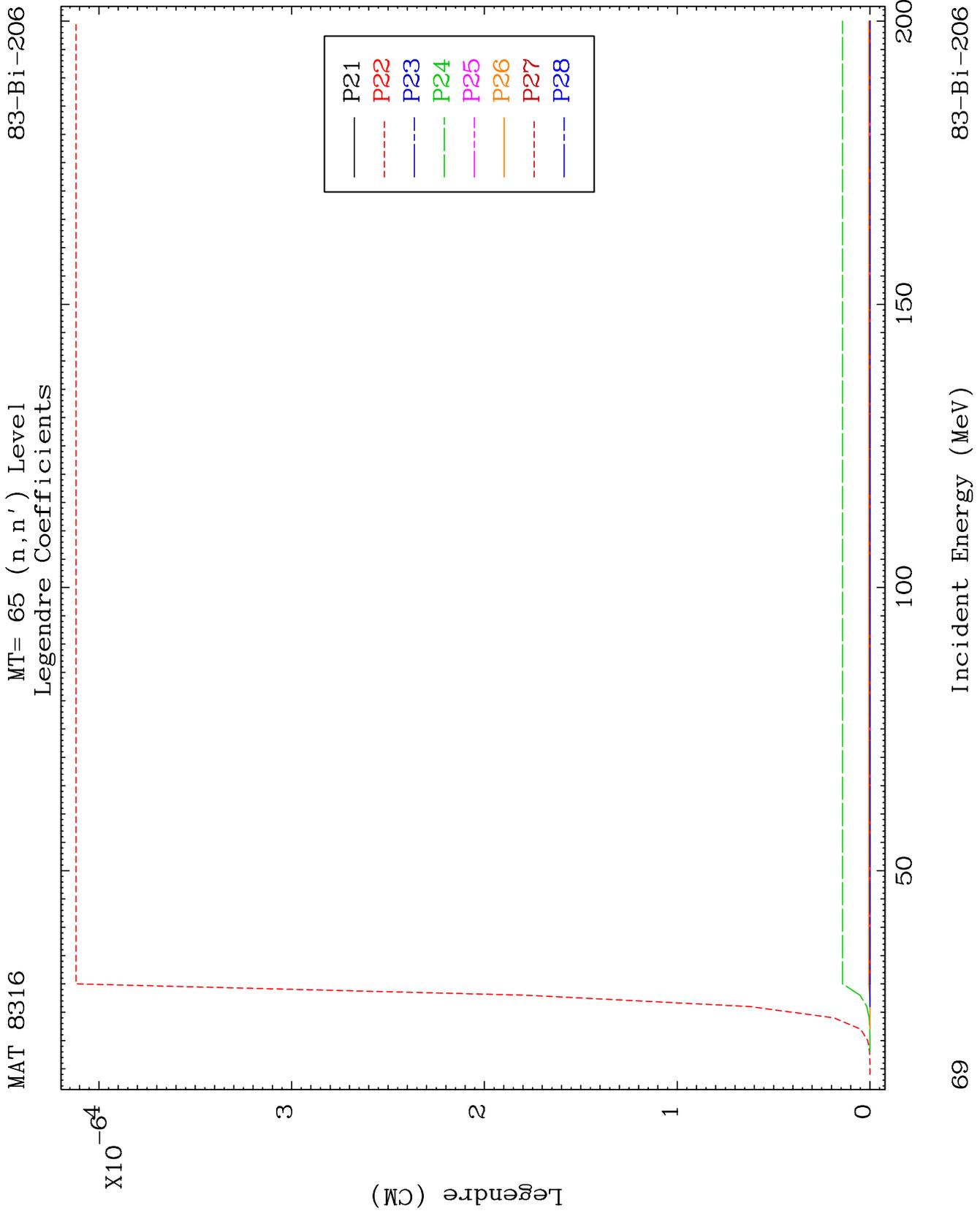
83-Bi-206



68

Incident Energy (MeV)

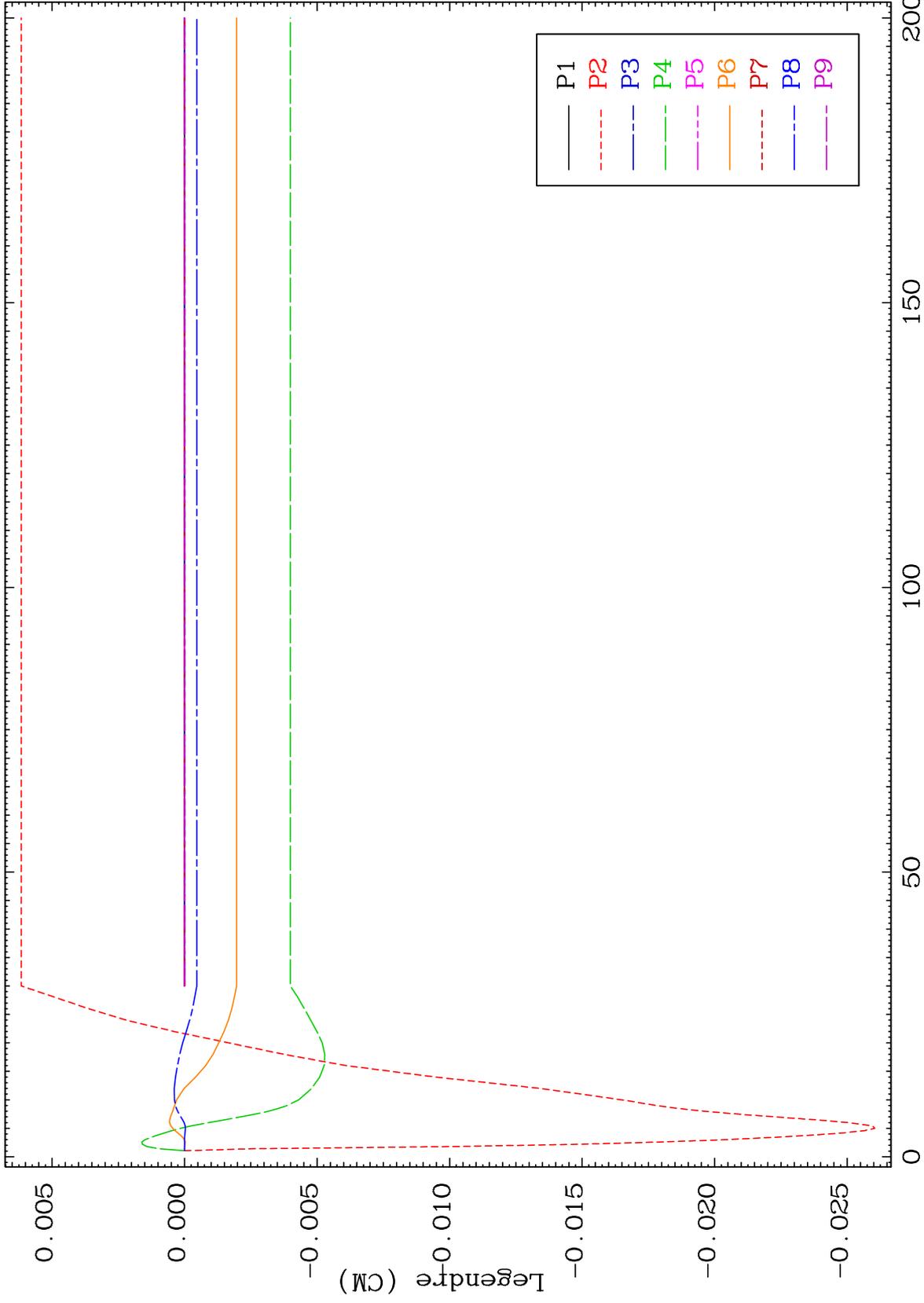
83-Bi-206



MAT 8316

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

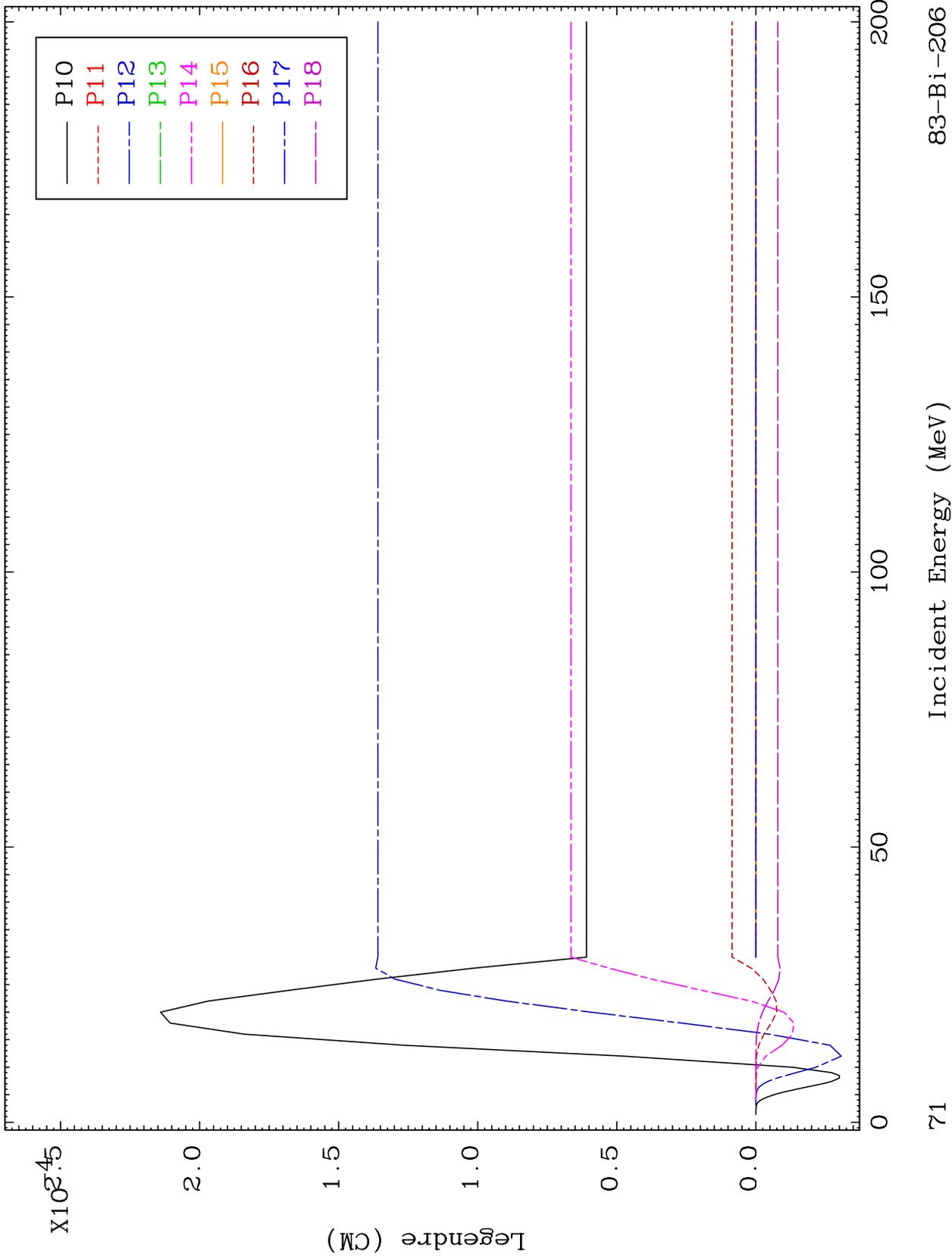
83-Bi-206



83-Bi-206

Incident Energy (MeV)

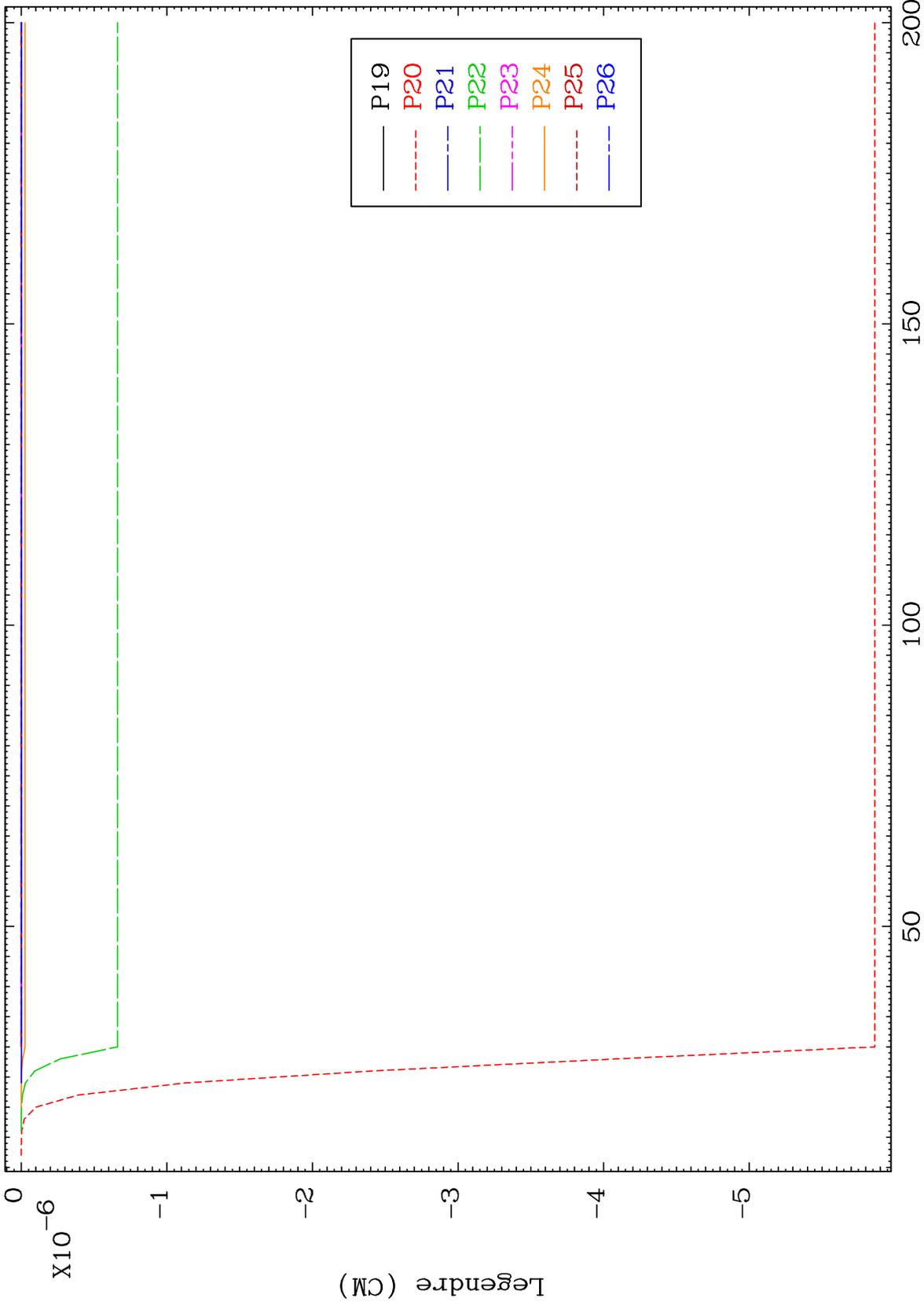
70



MAT 8316

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

83-Bi-206



72

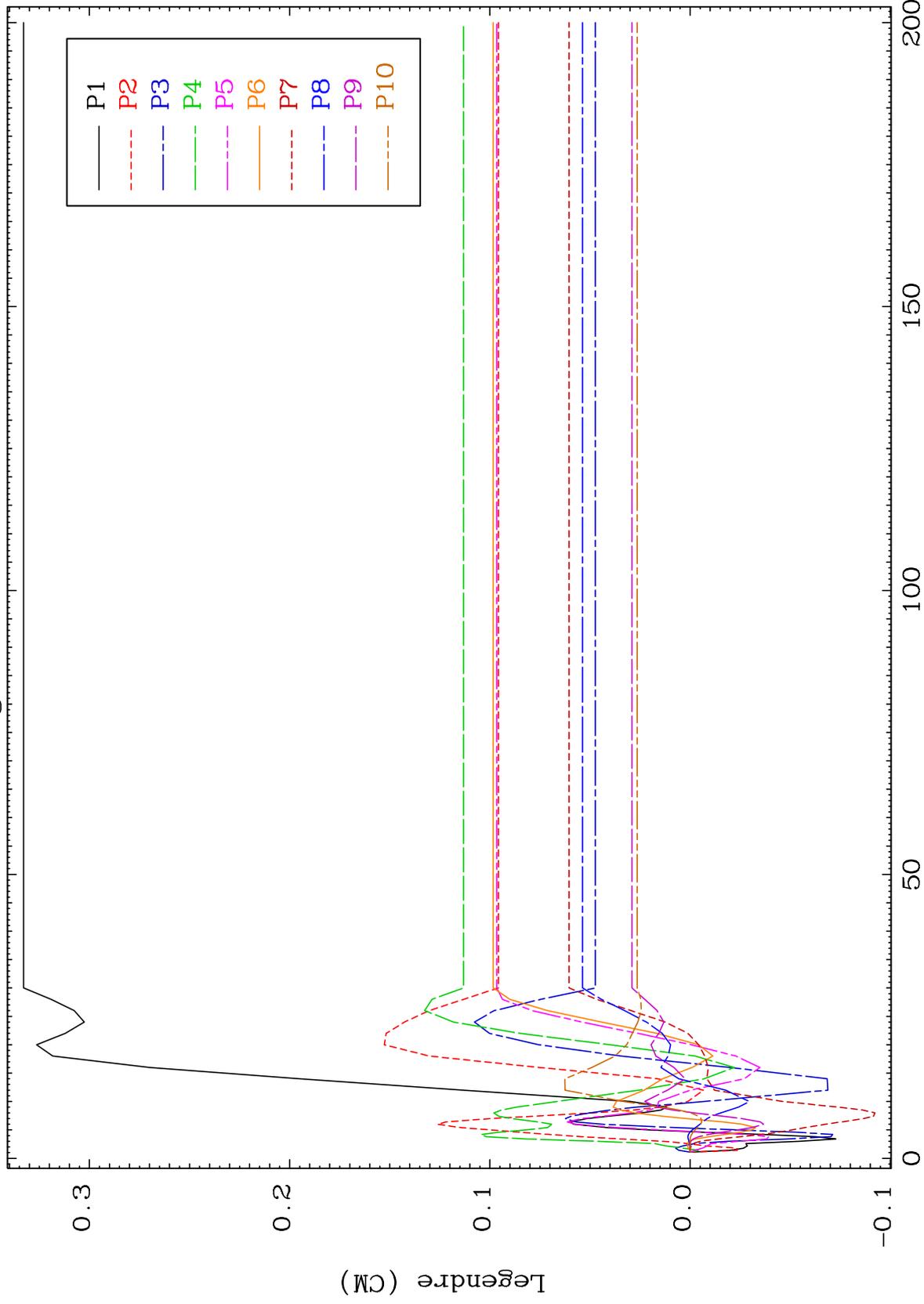
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



73

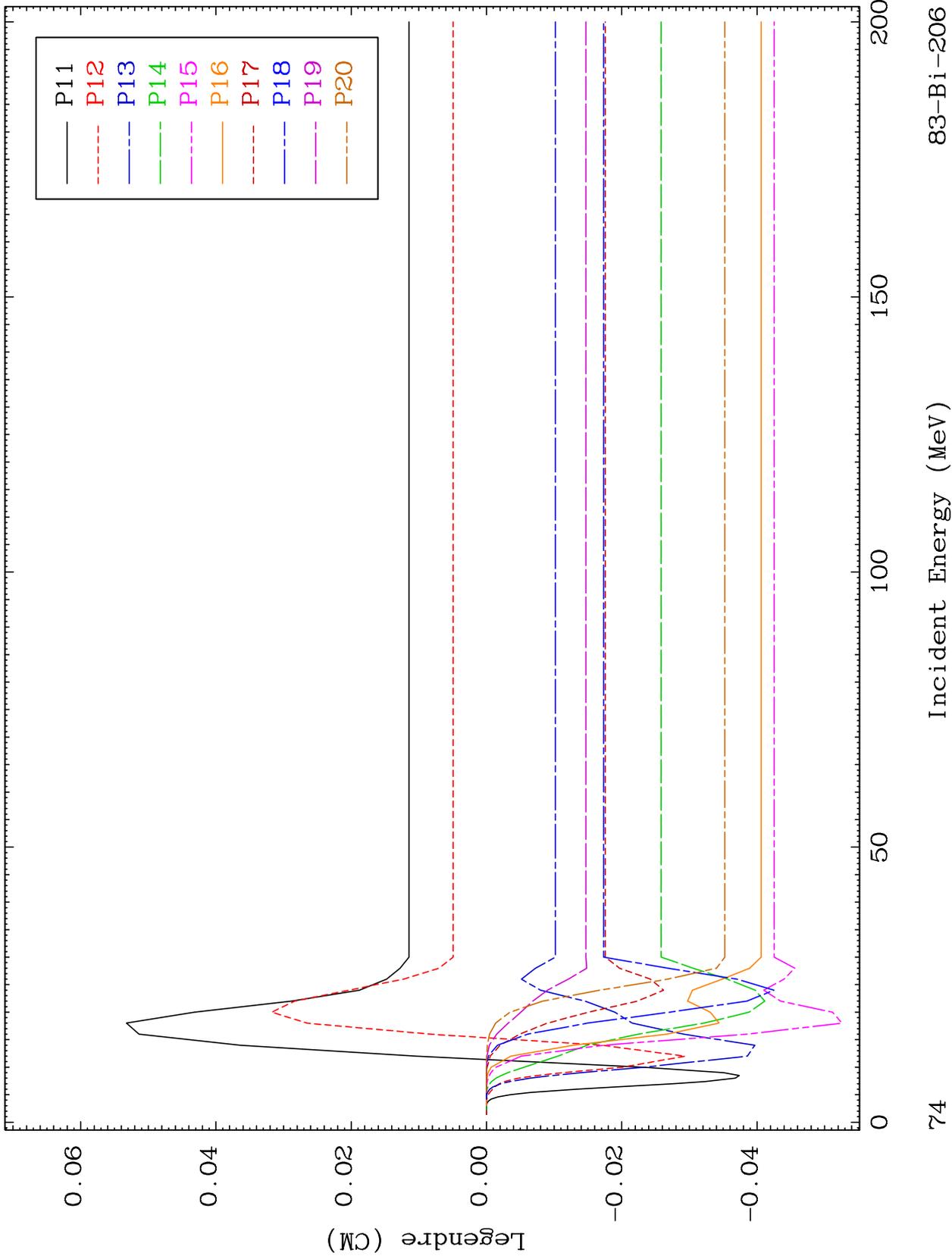
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



74

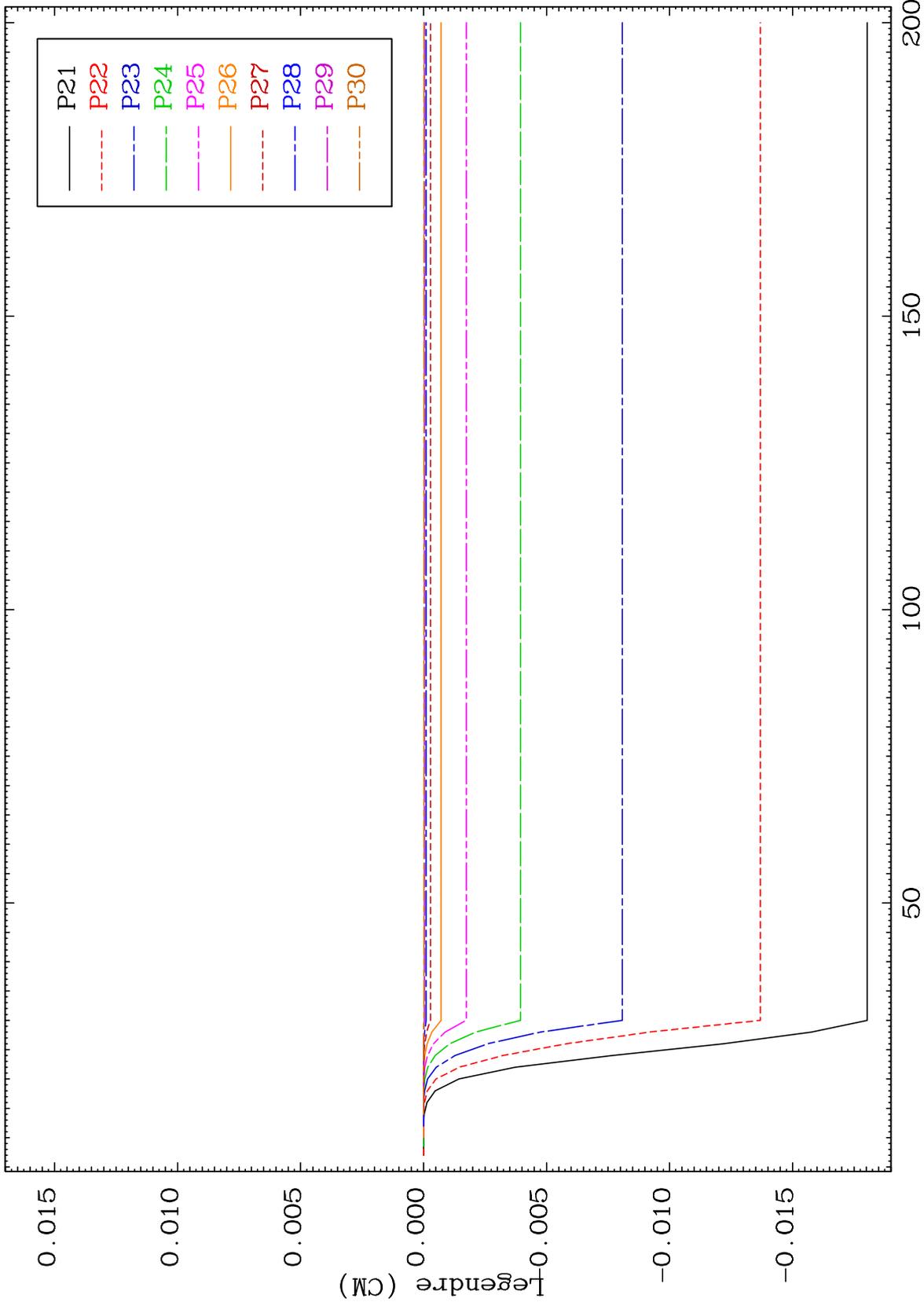
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



75

Incident Energy (MeV)

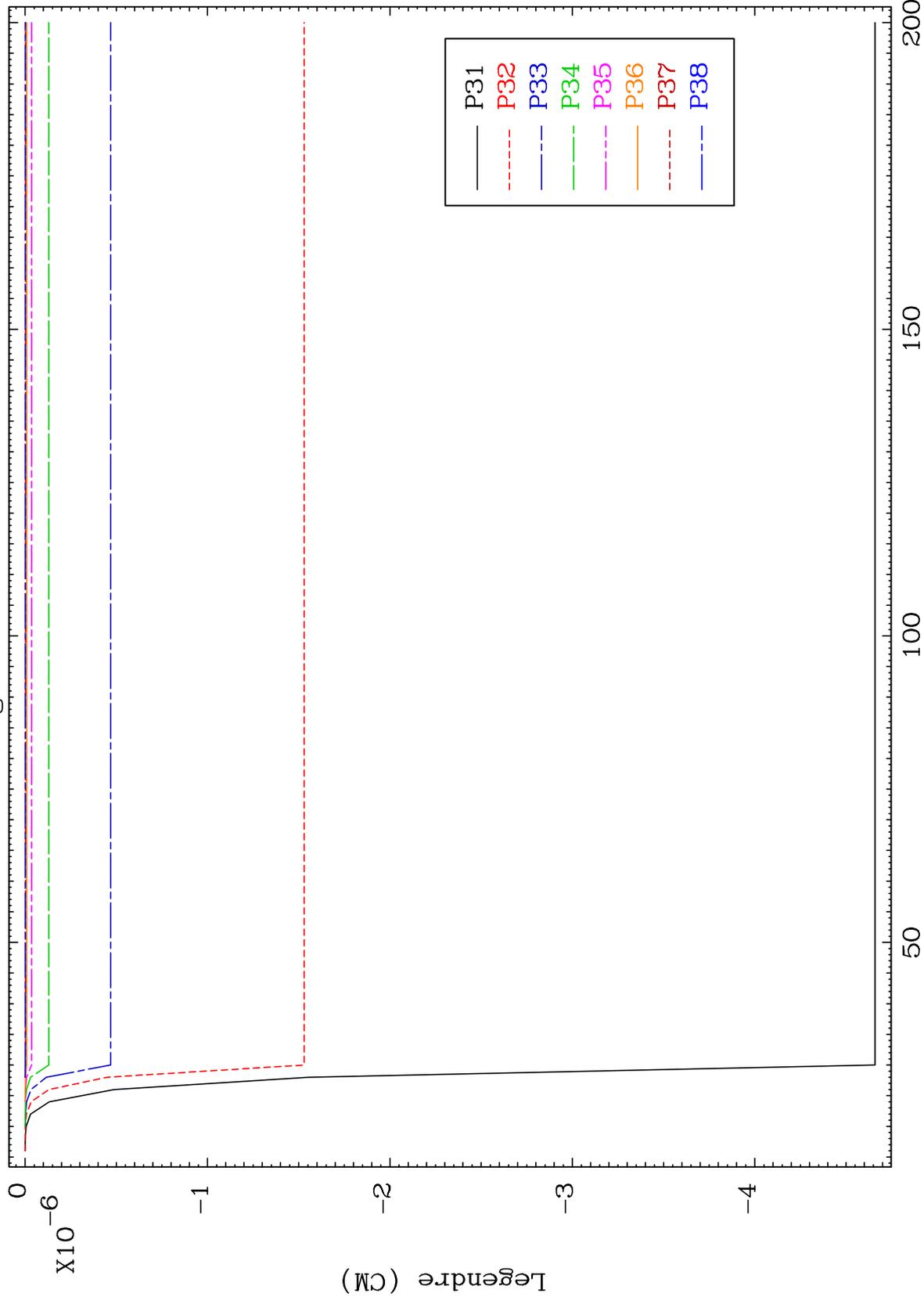
83-Bi-206

MAT 8316

MT= 67 (n,n') Level

83-Bi-206

Legendre Coefficients



76

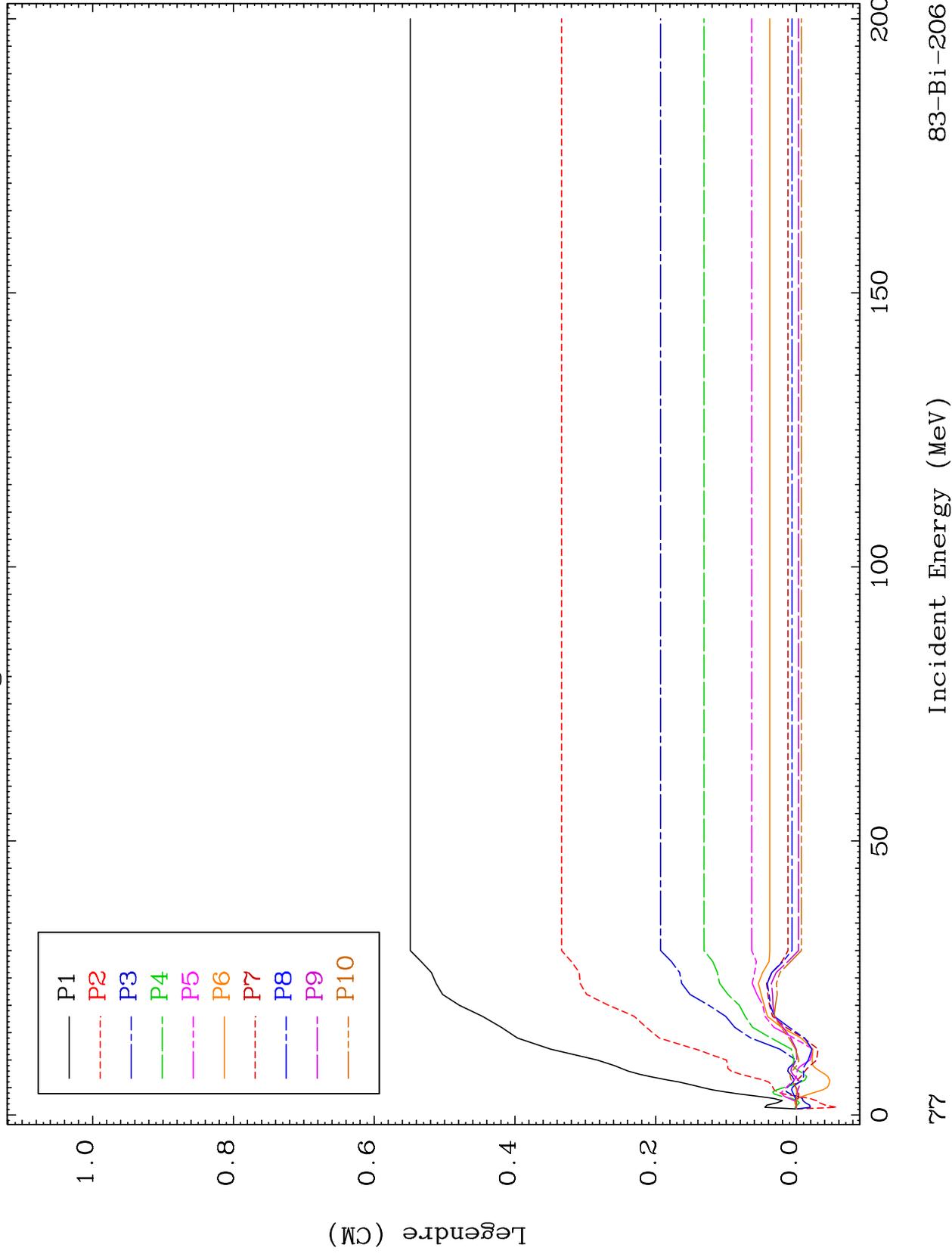
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



77

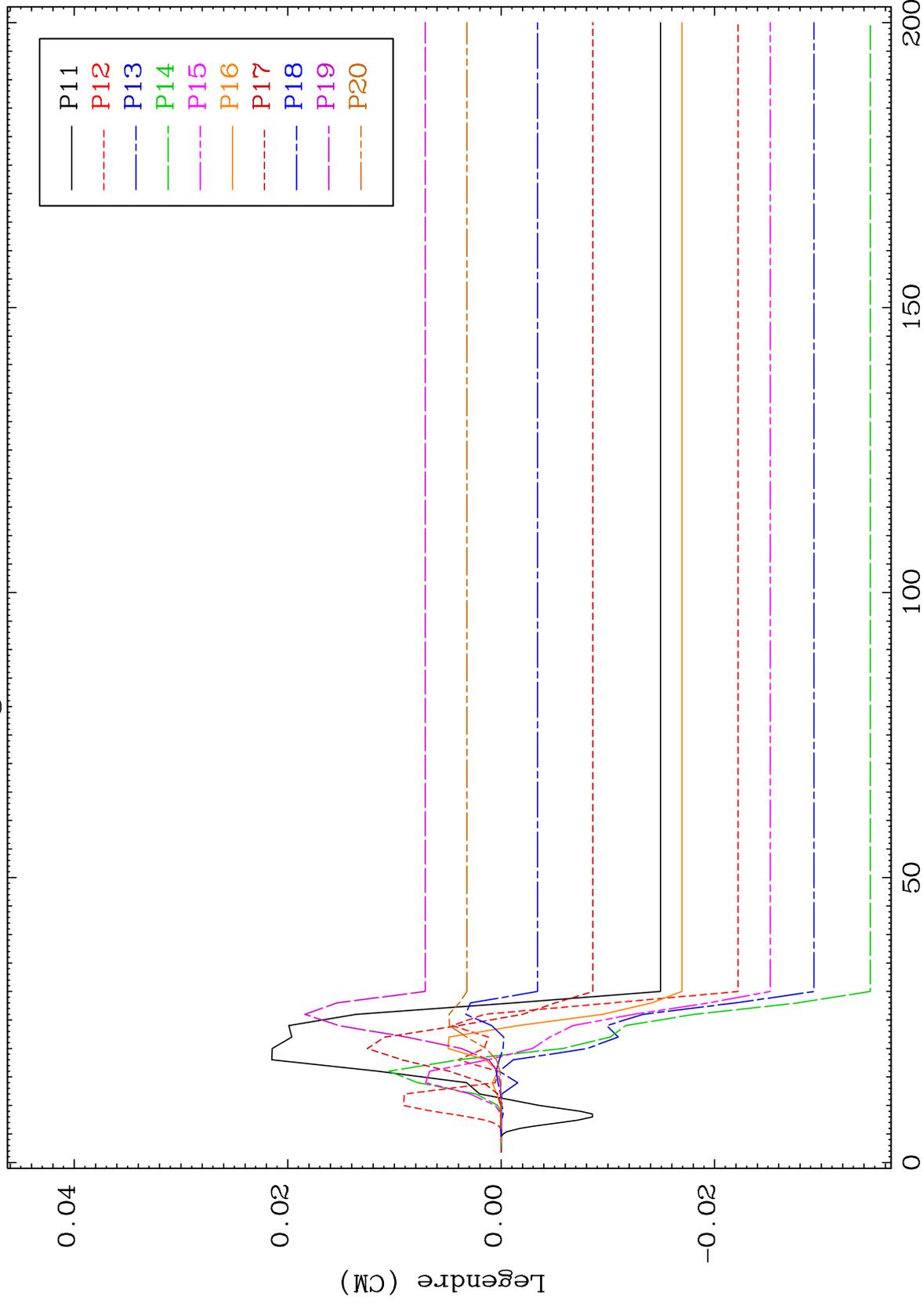
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

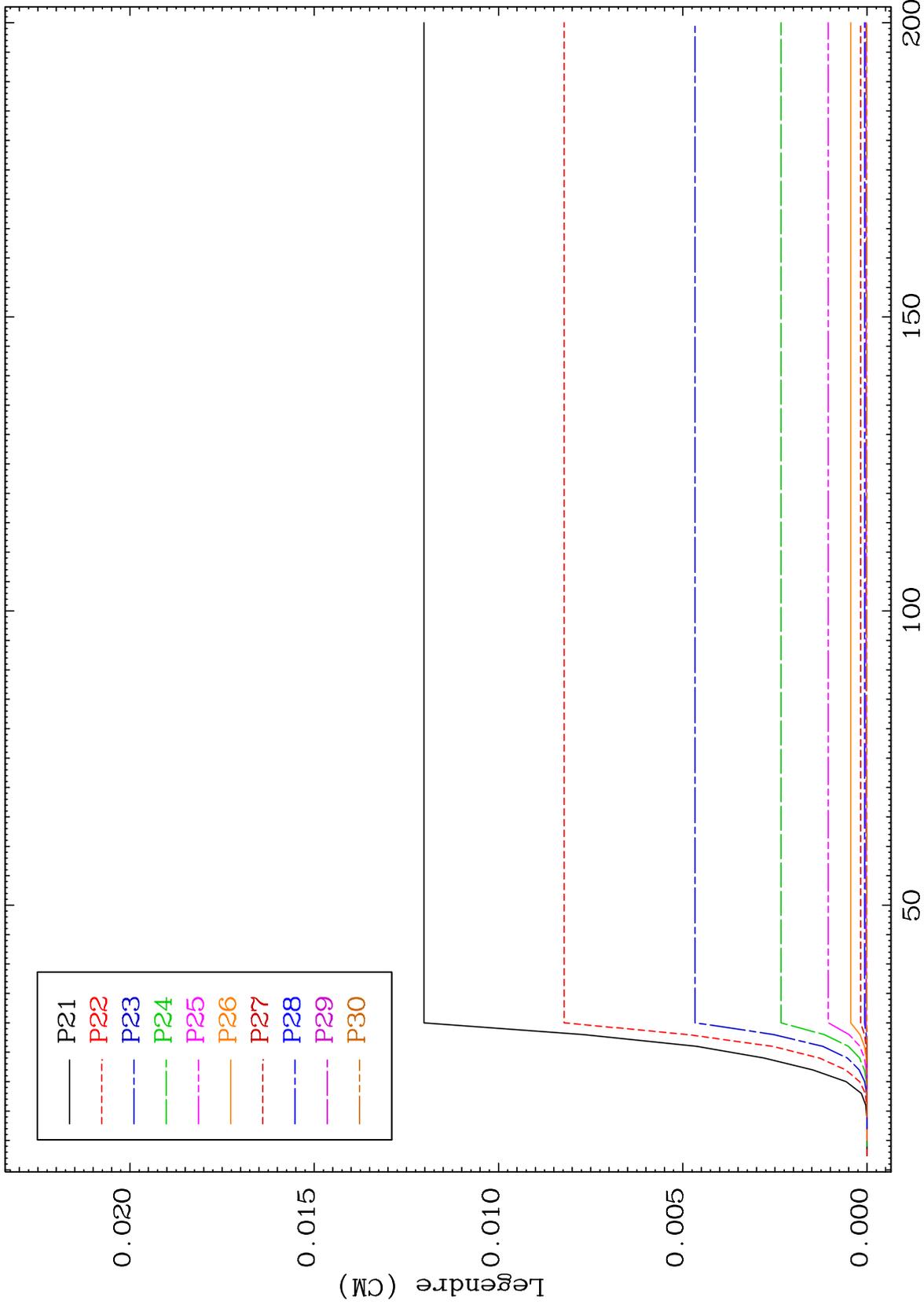
83-Bi-206



78

Incident Energy (MeV)

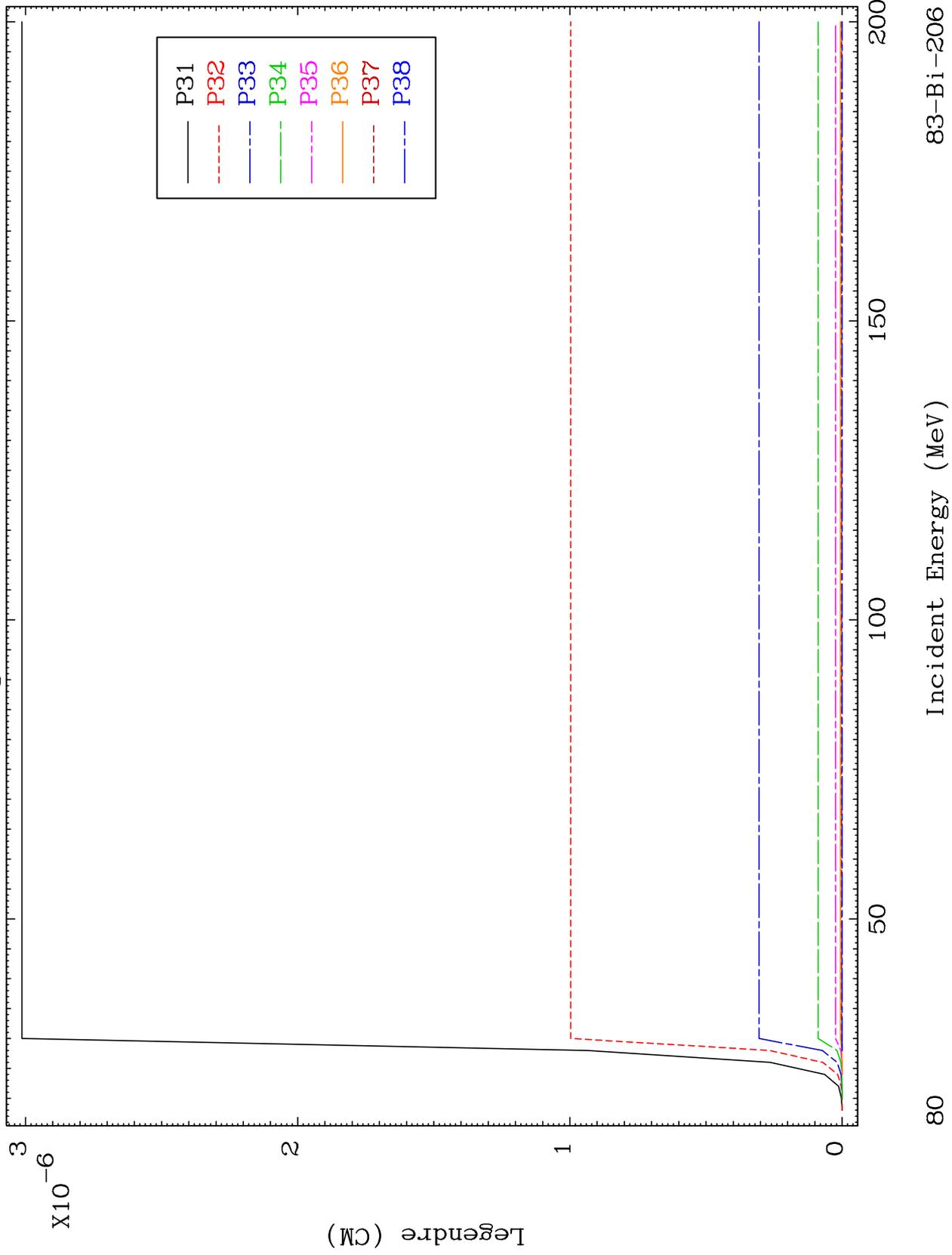
83-Bi-206



MAT 8316

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

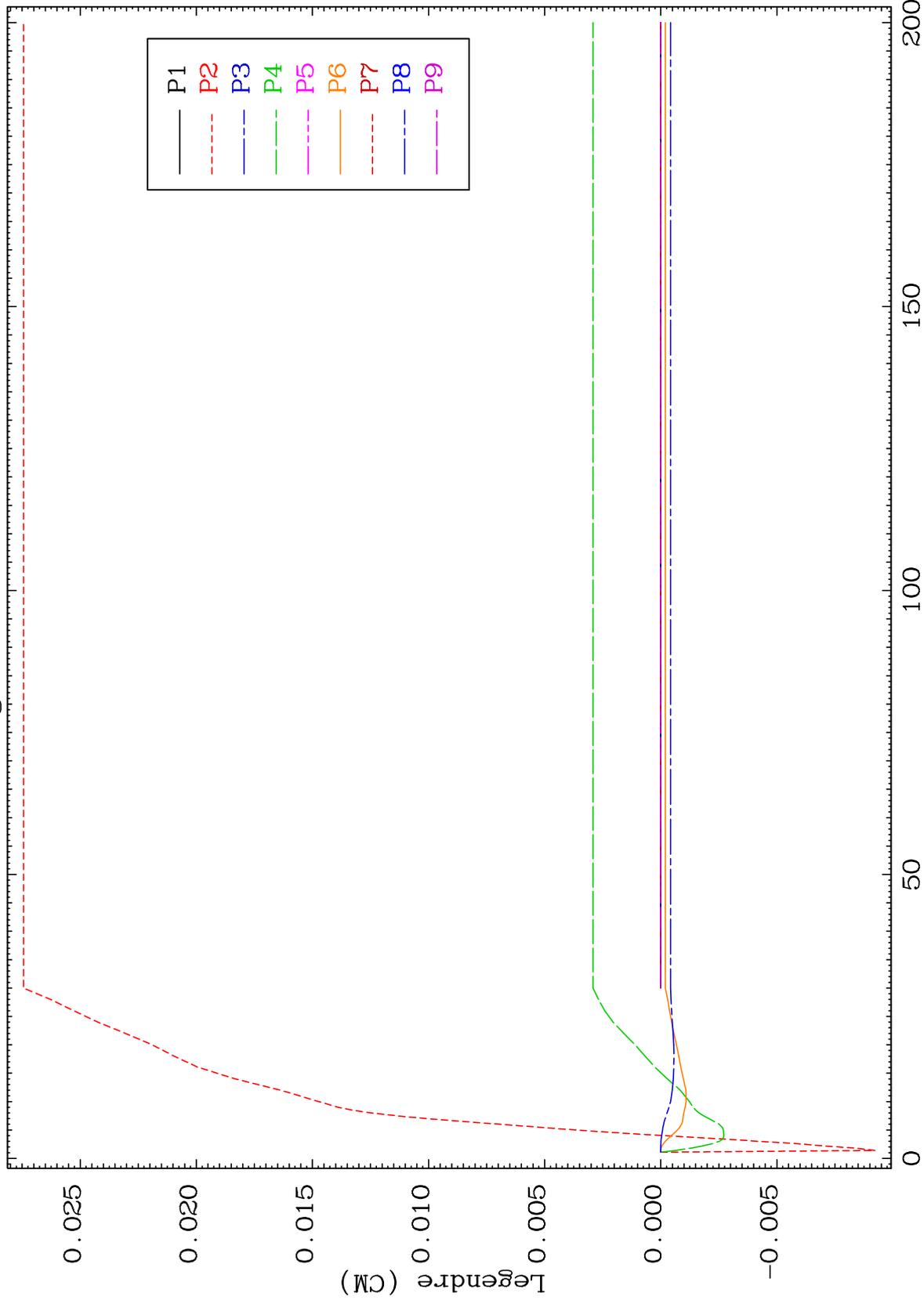
83-Bi-206



MAT 8316

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

83-Bi-206



81

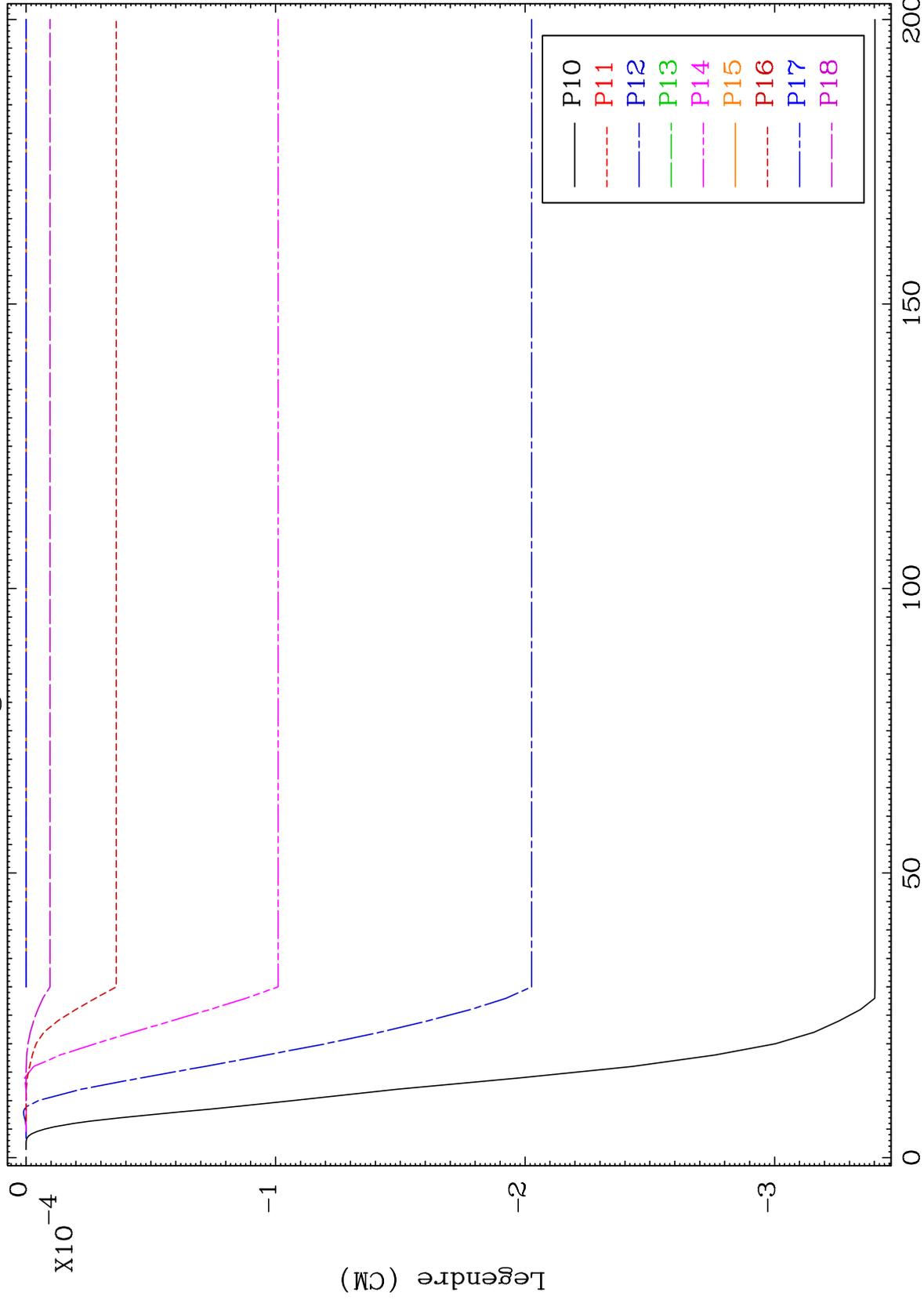
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



82

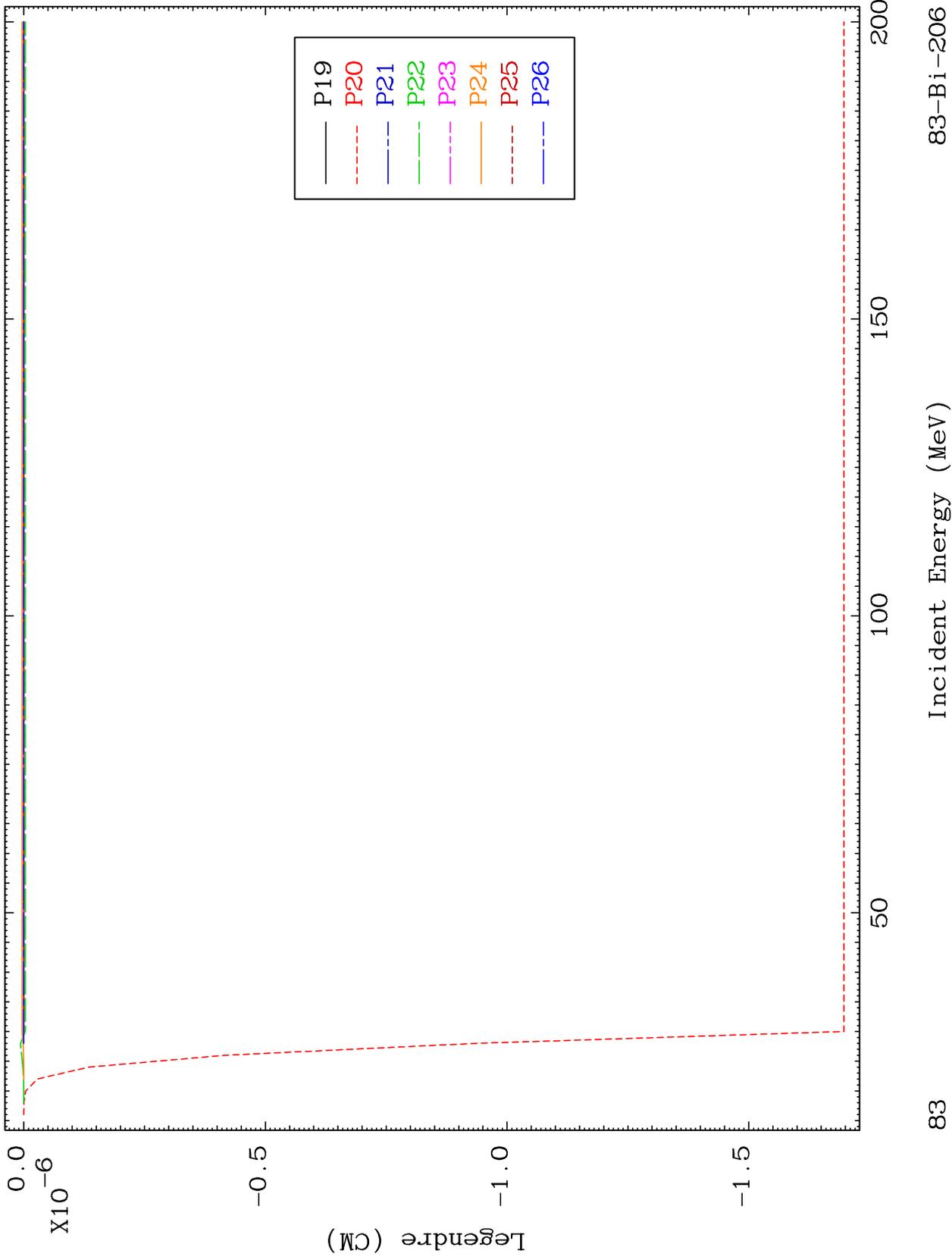
Incident Energy (MeV)

83-Bi-206

MAT 8316

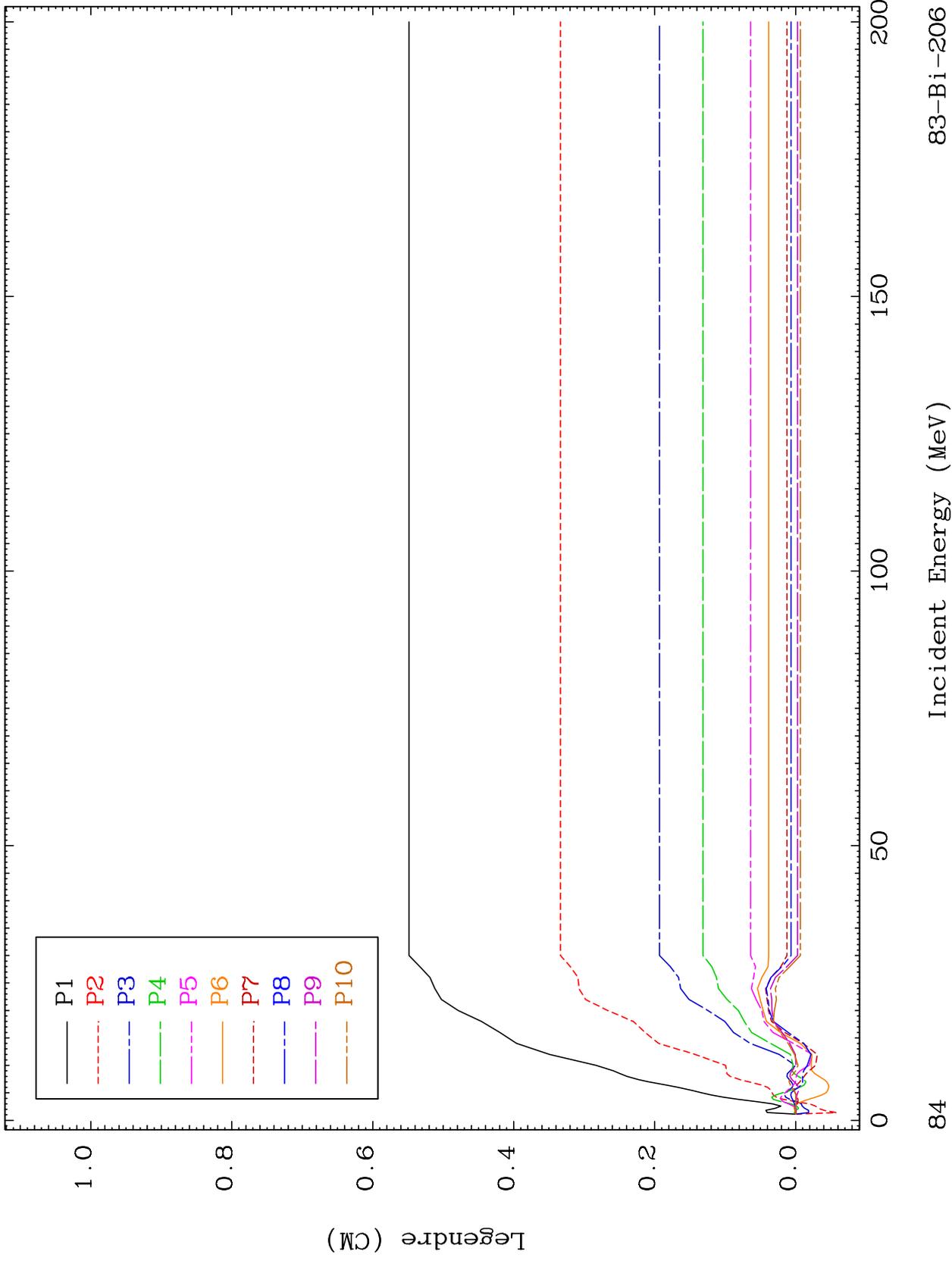
MT= 69 (n,n') Level
Legendre Coefficients

83-Bi-206



83

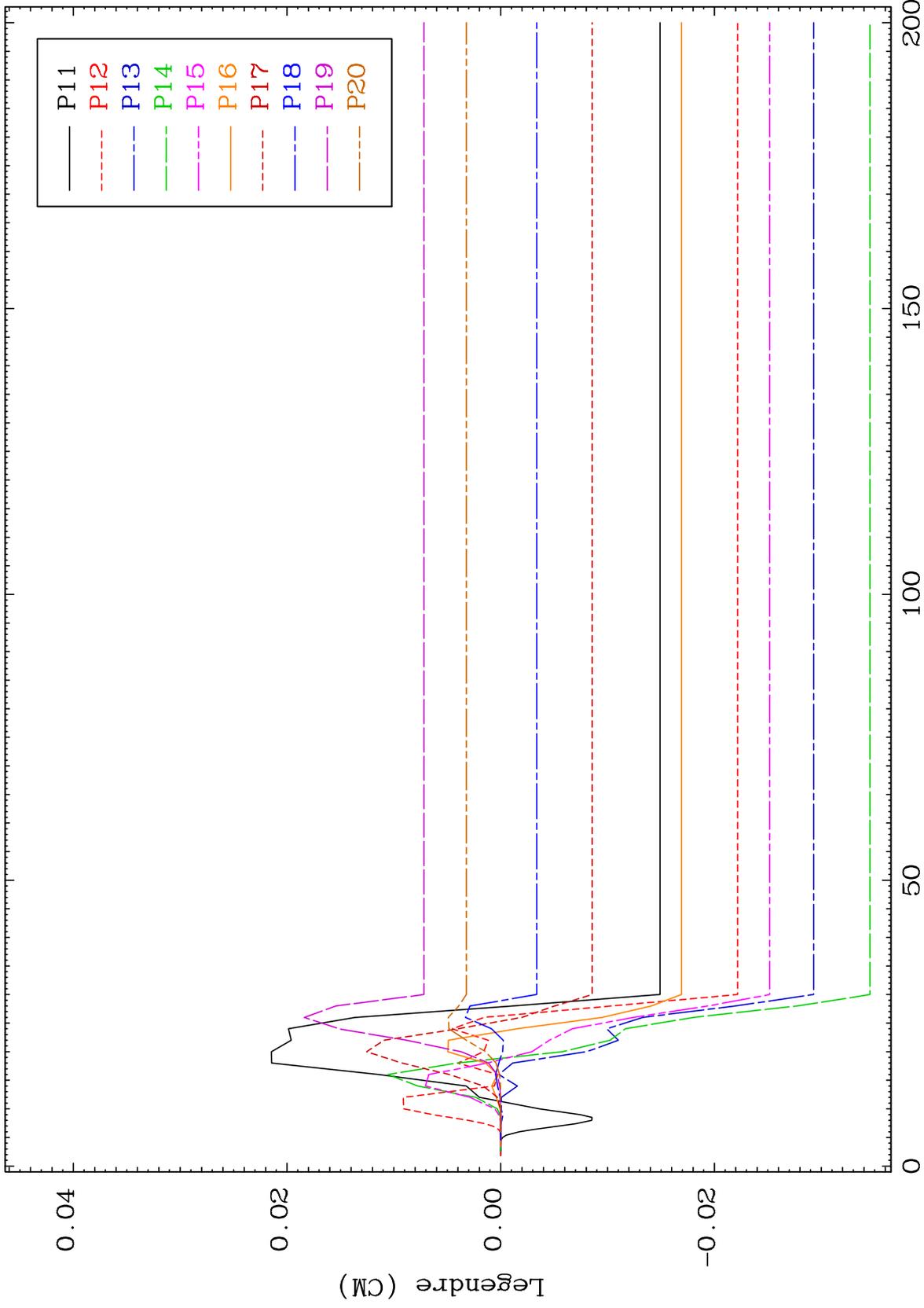
83-Bi-206



MAT 8316

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

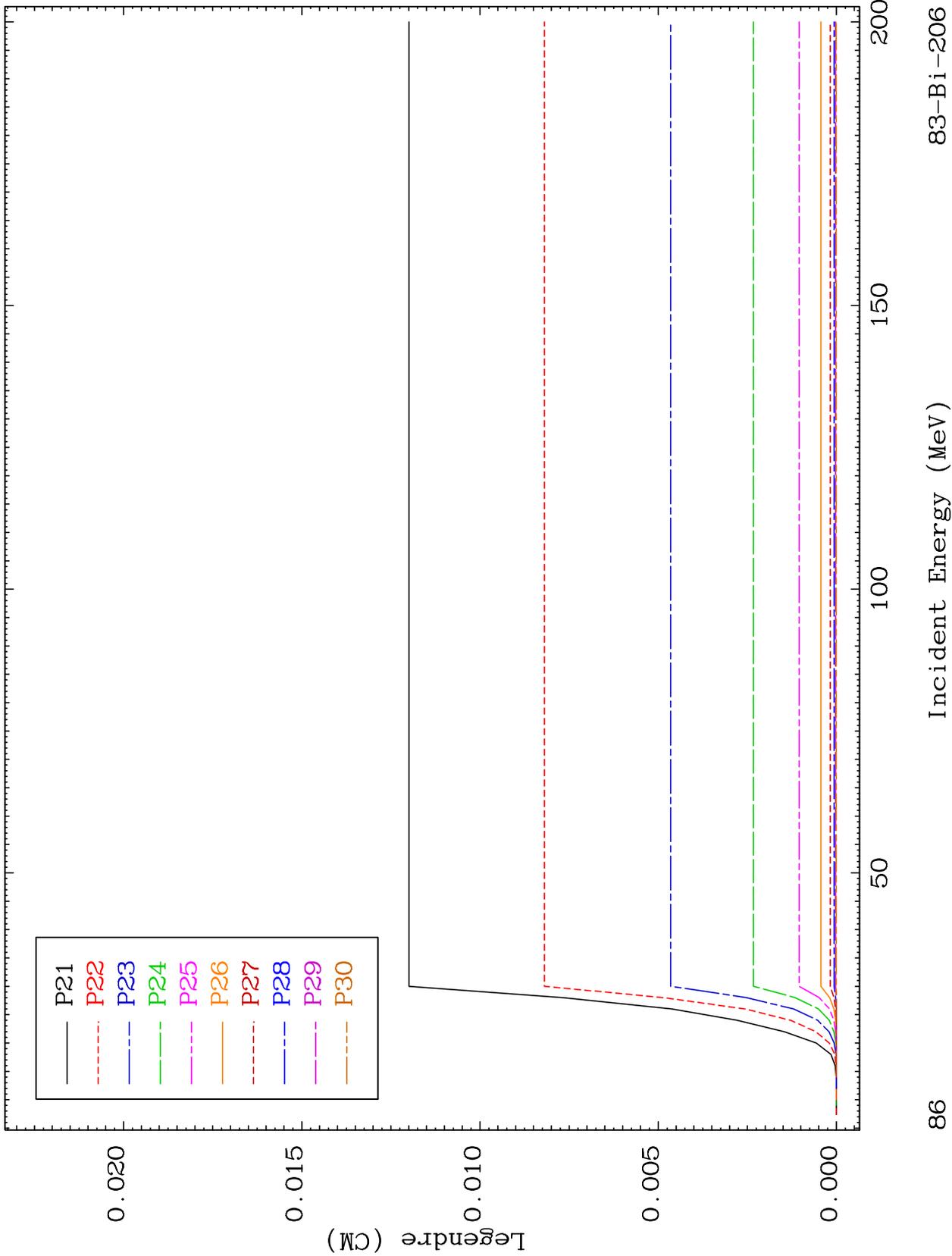
83-Bi-206



85

Incident Energy (MeV)

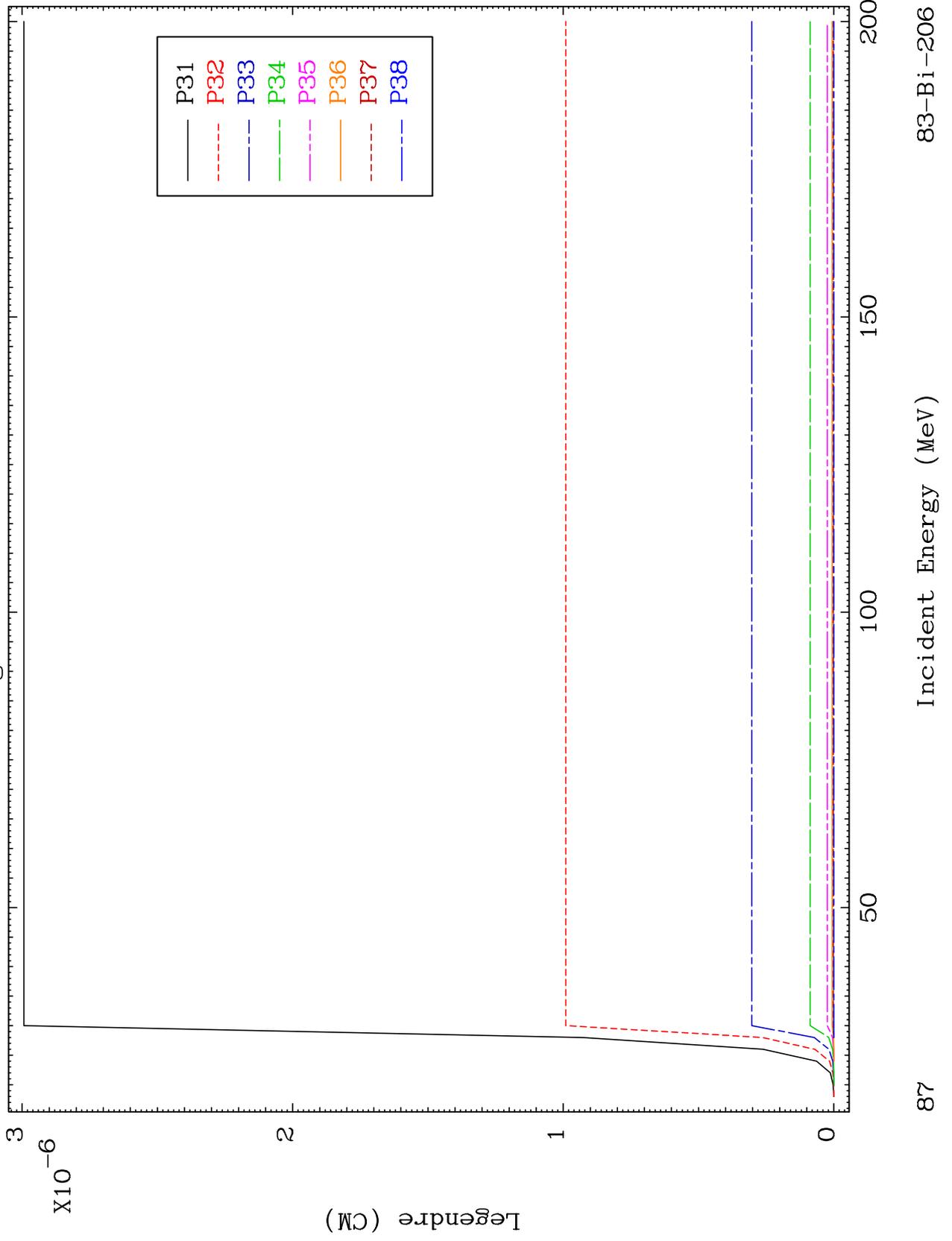
83-Bi-206



MAT 8316

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

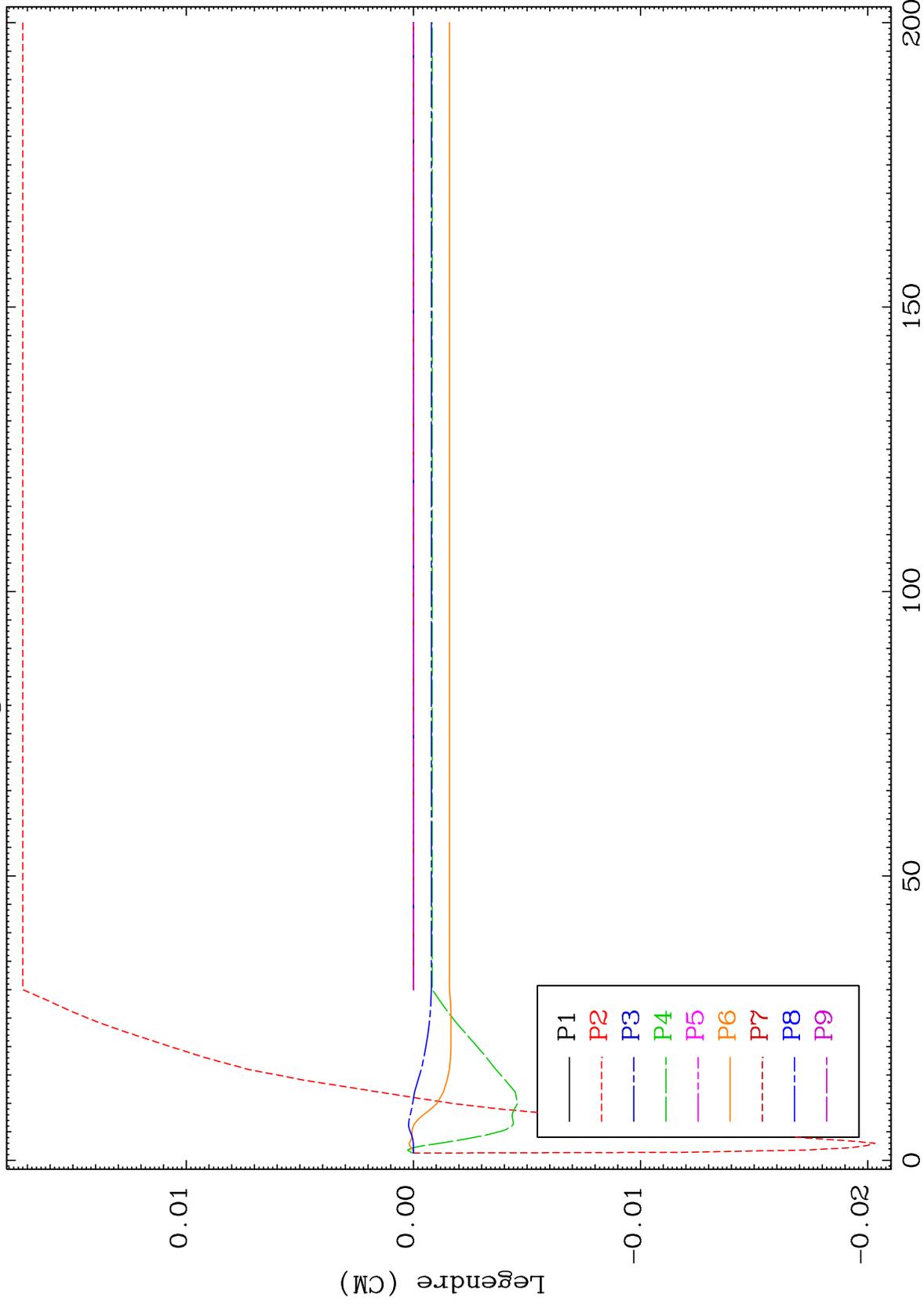
83-Bi-206



MAT 8316

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

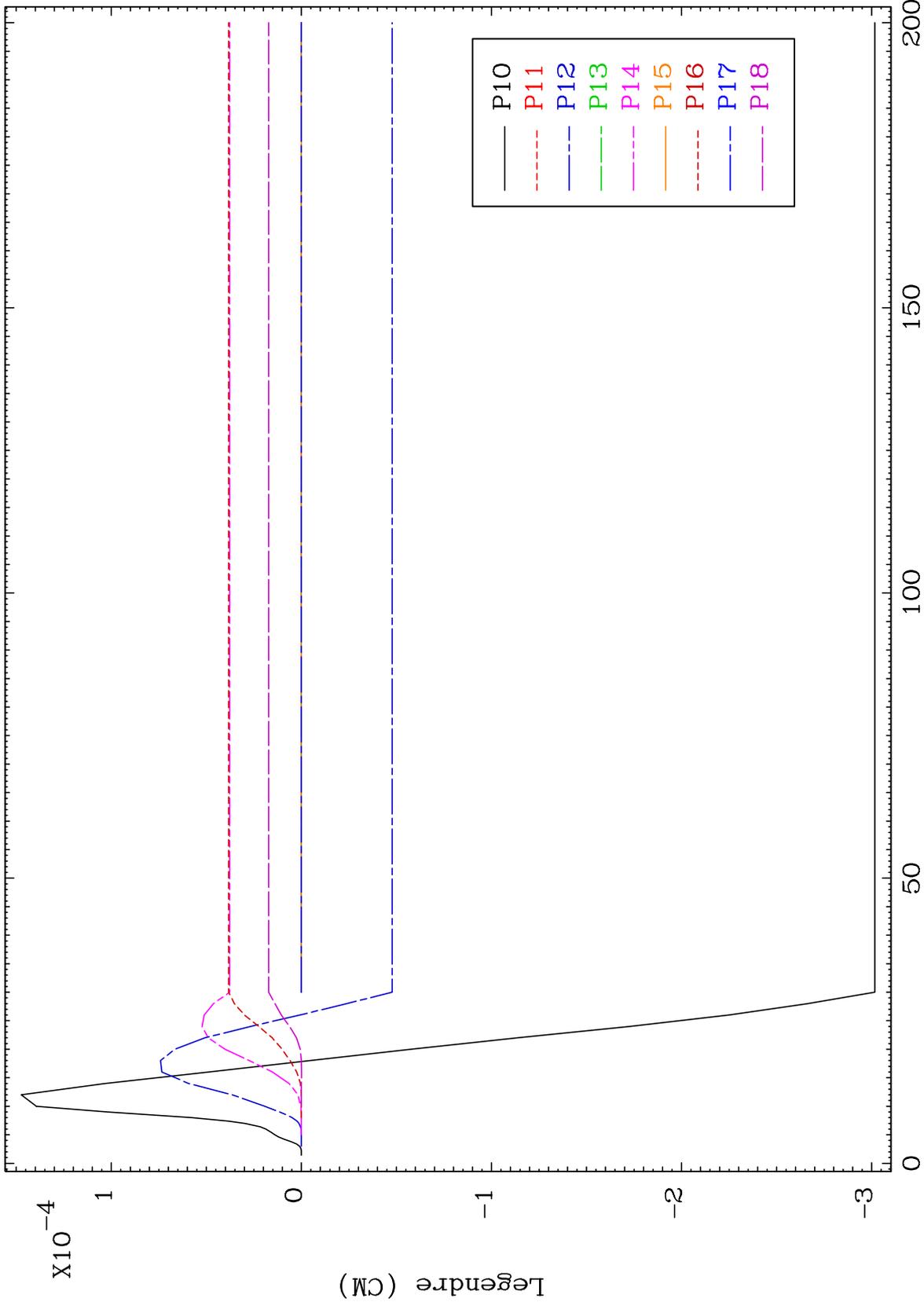
83-Bi-206

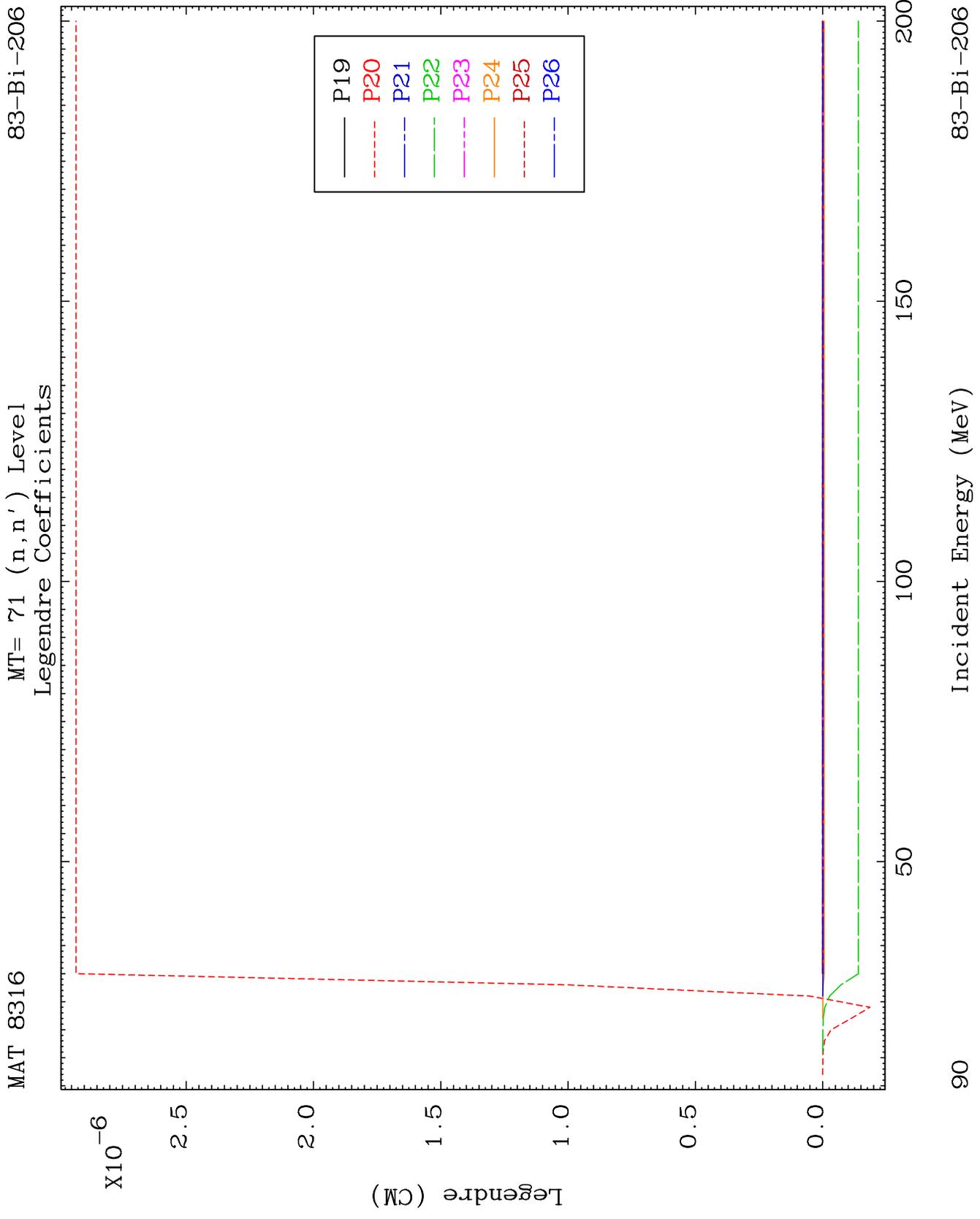


88

Incident Energy (MeV)

83-Bi-206

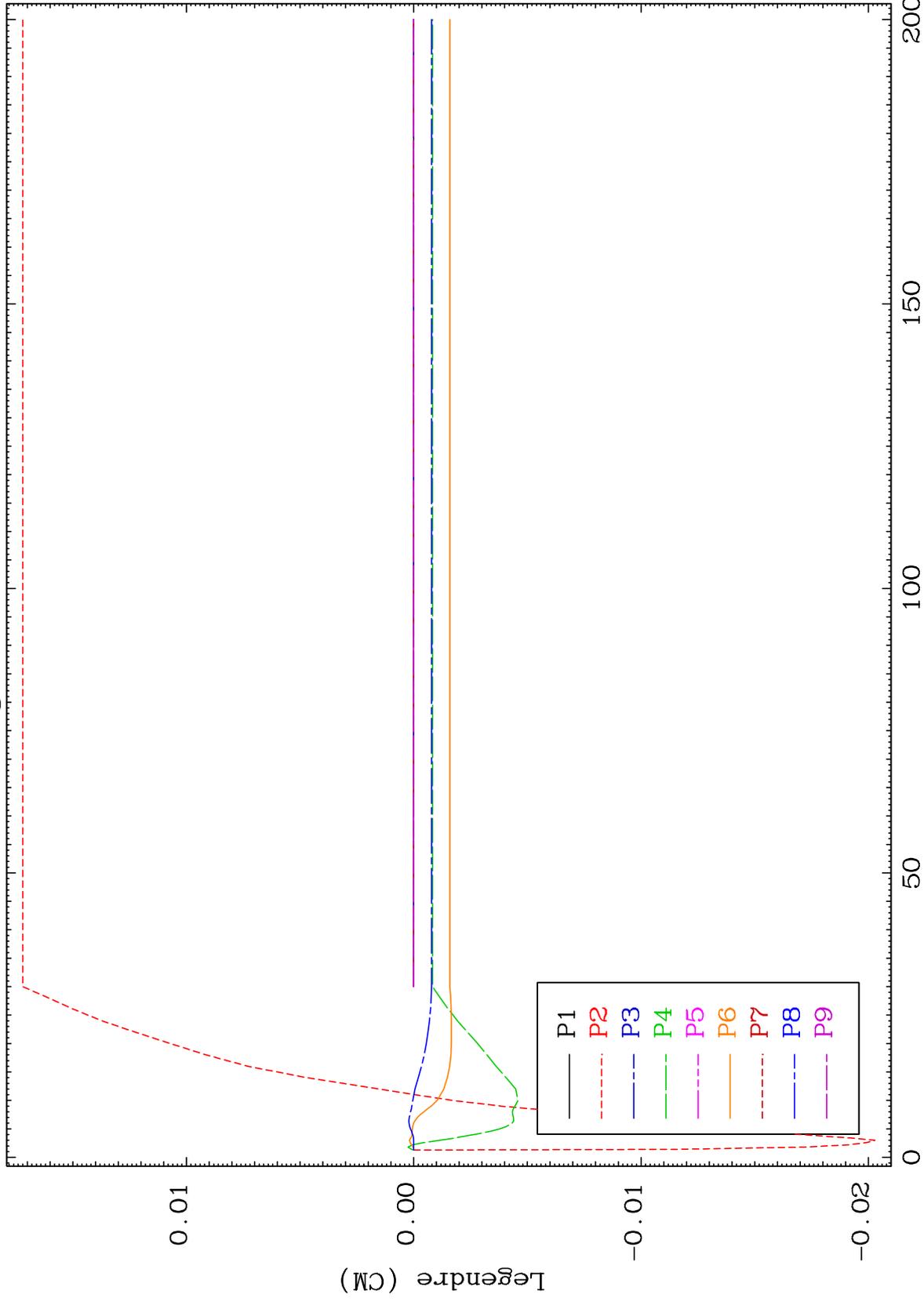




MAT 8316

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

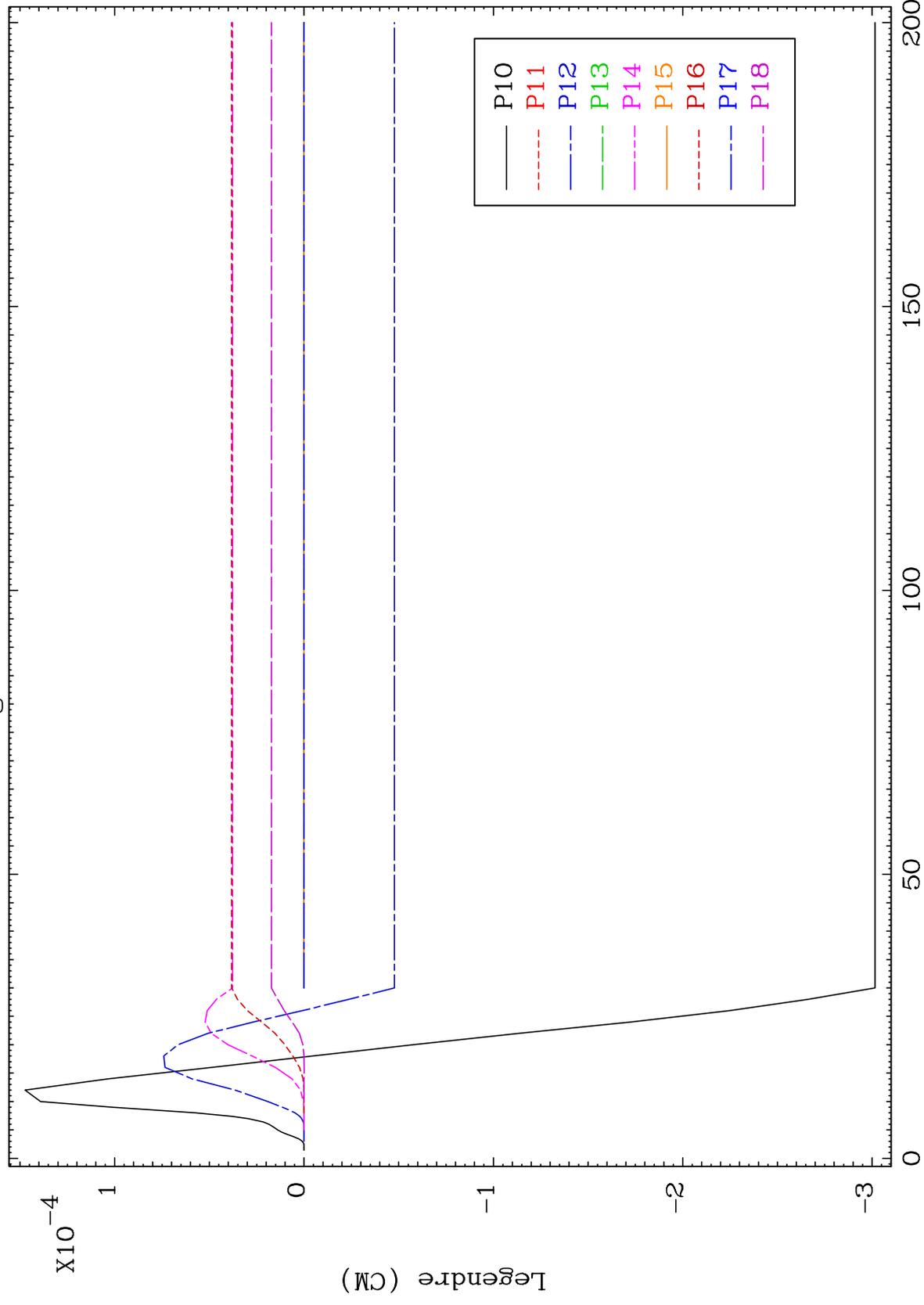
83-Bi-206



91

Incident Energy (MeV)

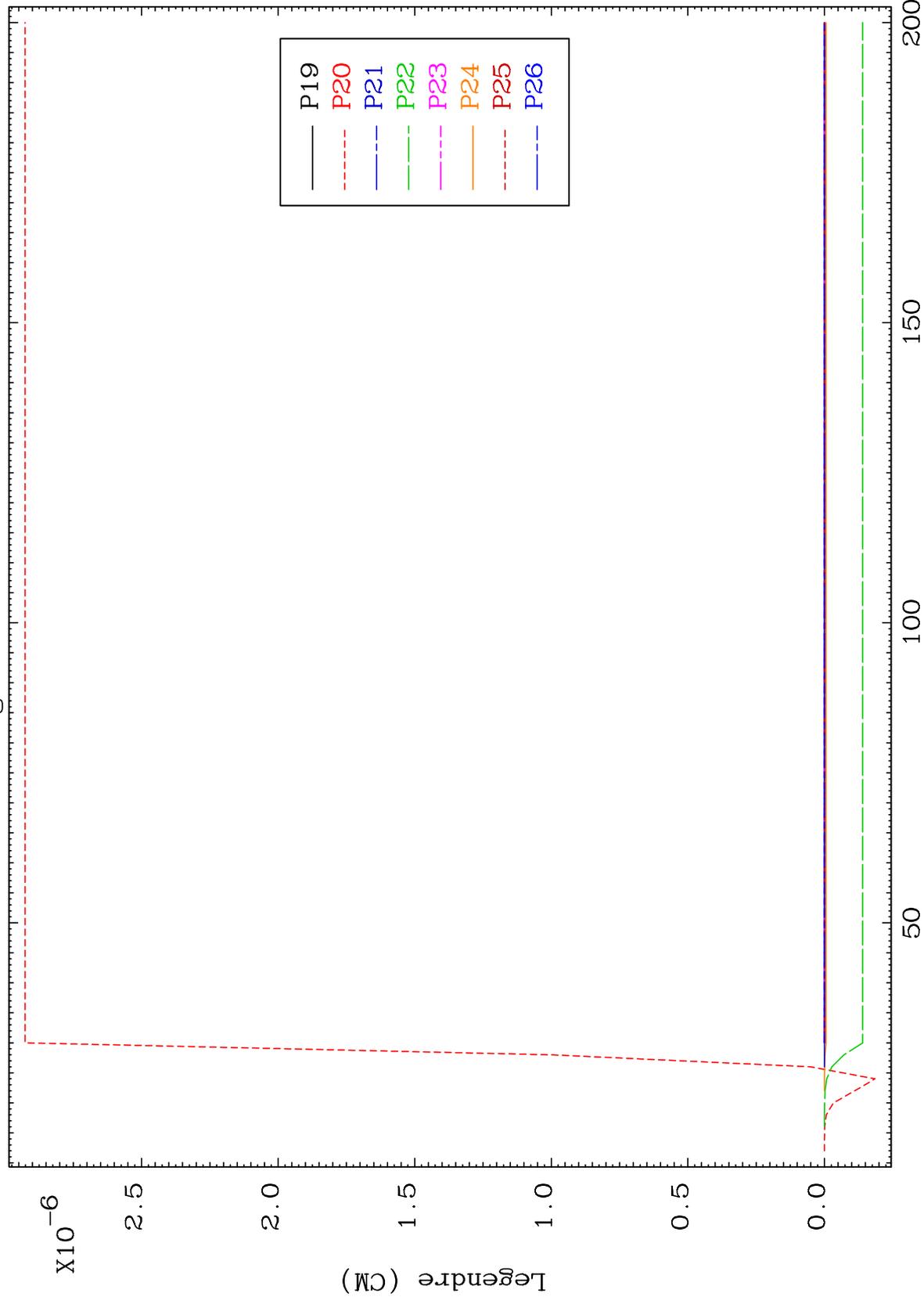
83-Bi-206



MAT 8316

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

83-Bi-206



83-Bi-206

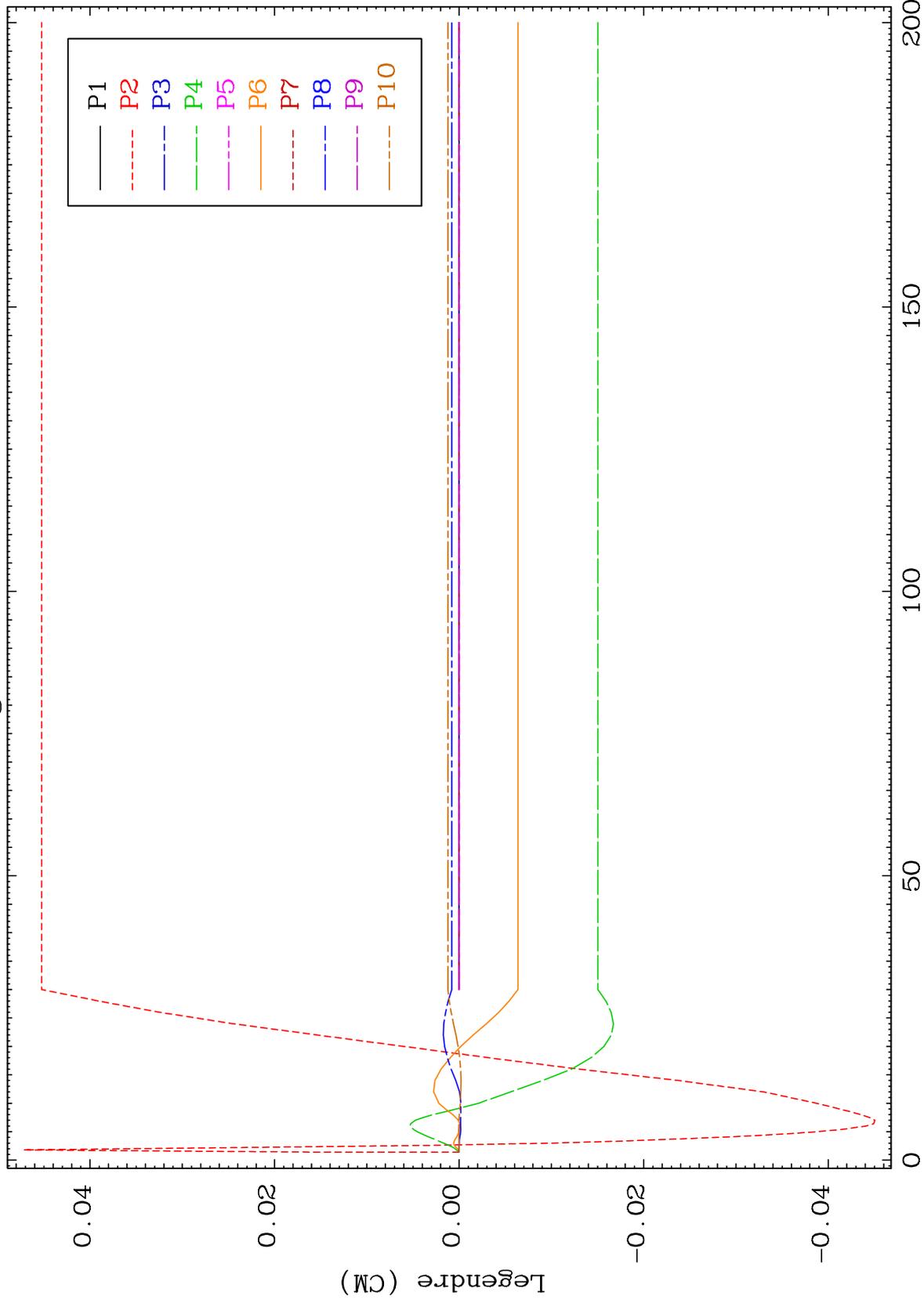
Incident Energy (MeV)

93

MAT 8316

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

83-Bi-206



94

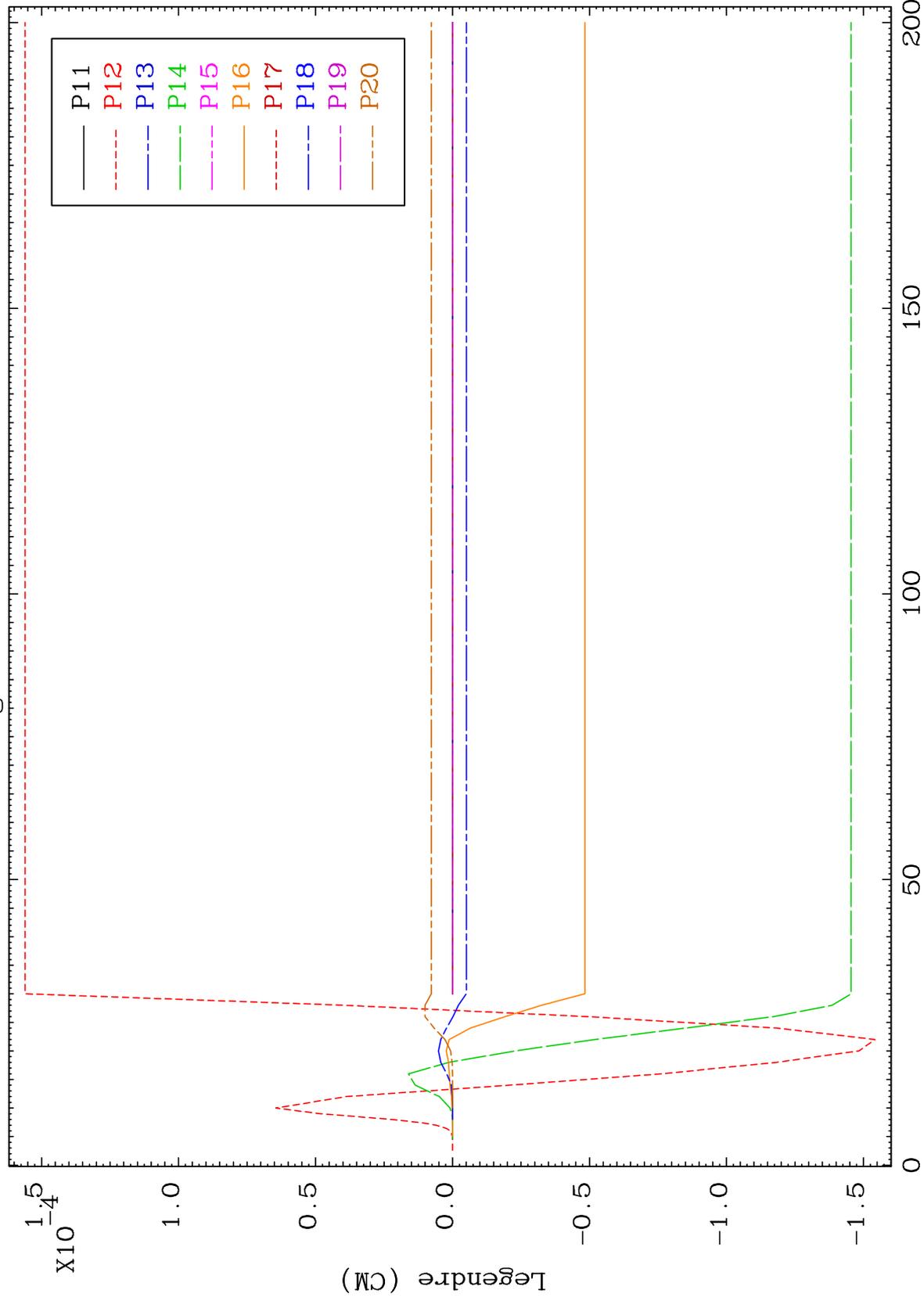
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



95

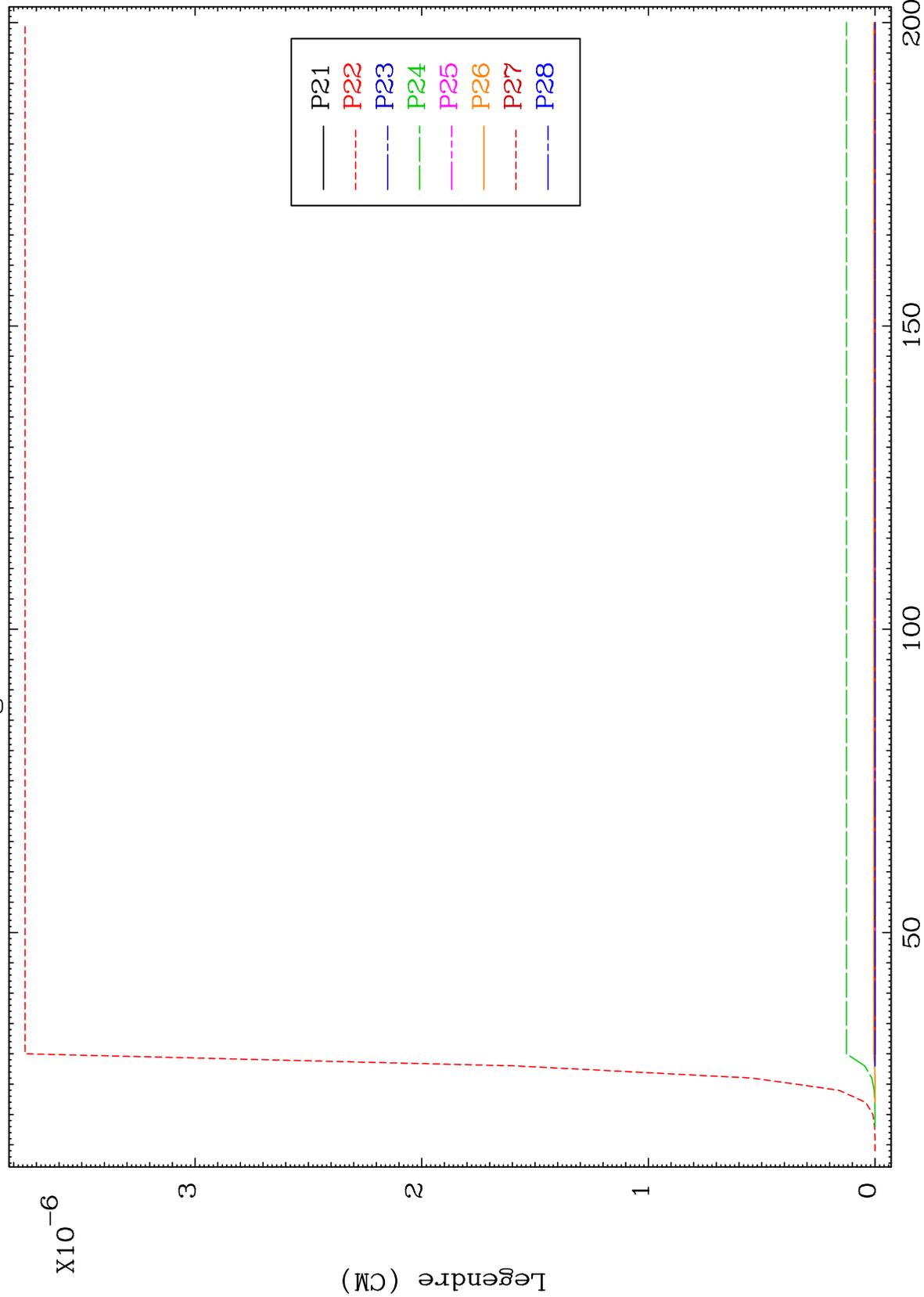
Incident Energy (MeV)

83-Bi-206

83-Bi-206

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

MAT 8316



83-Bi-206

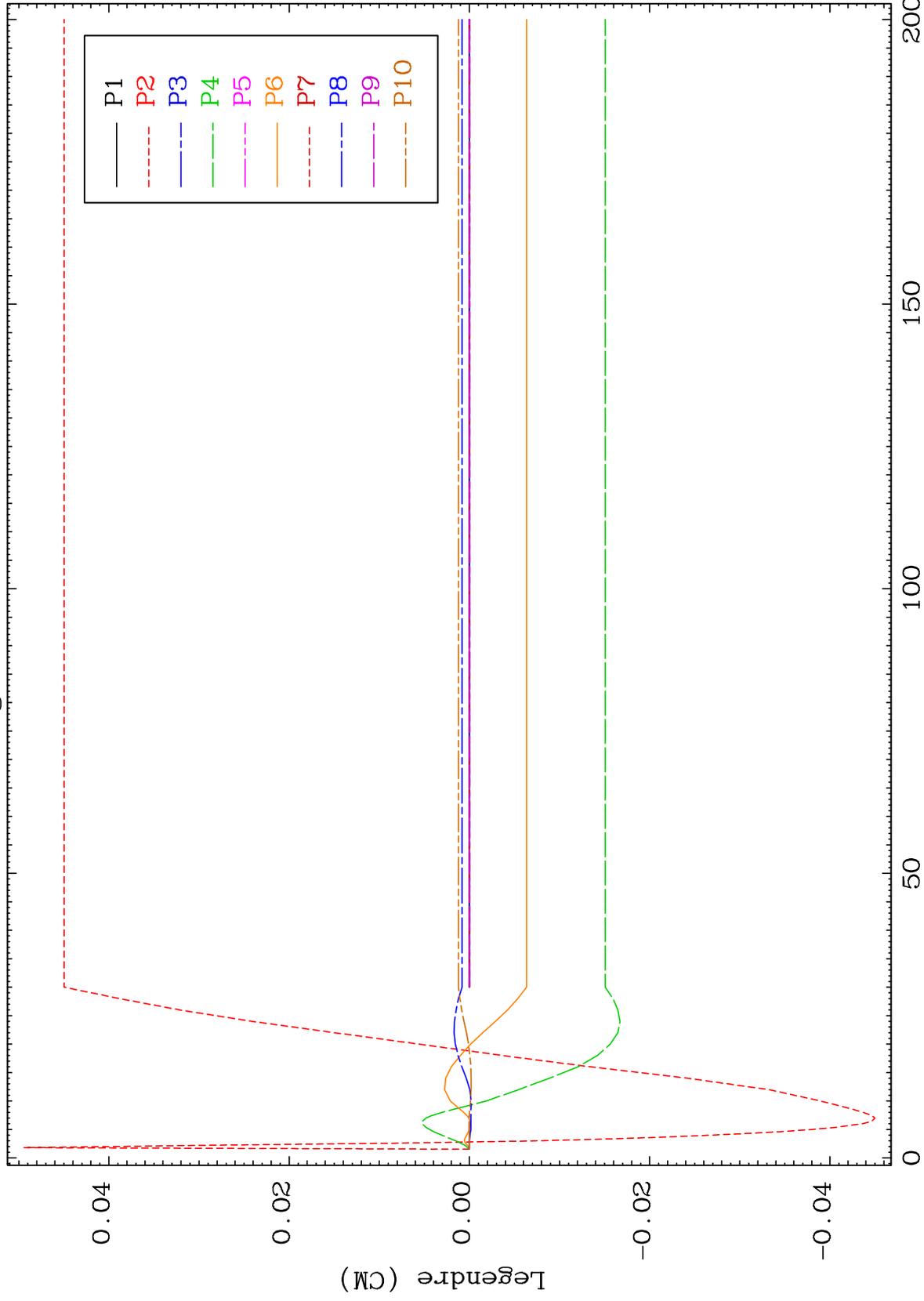
Incident Energy (MeV)

96

MAT 8316

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

83-Bi-206



97

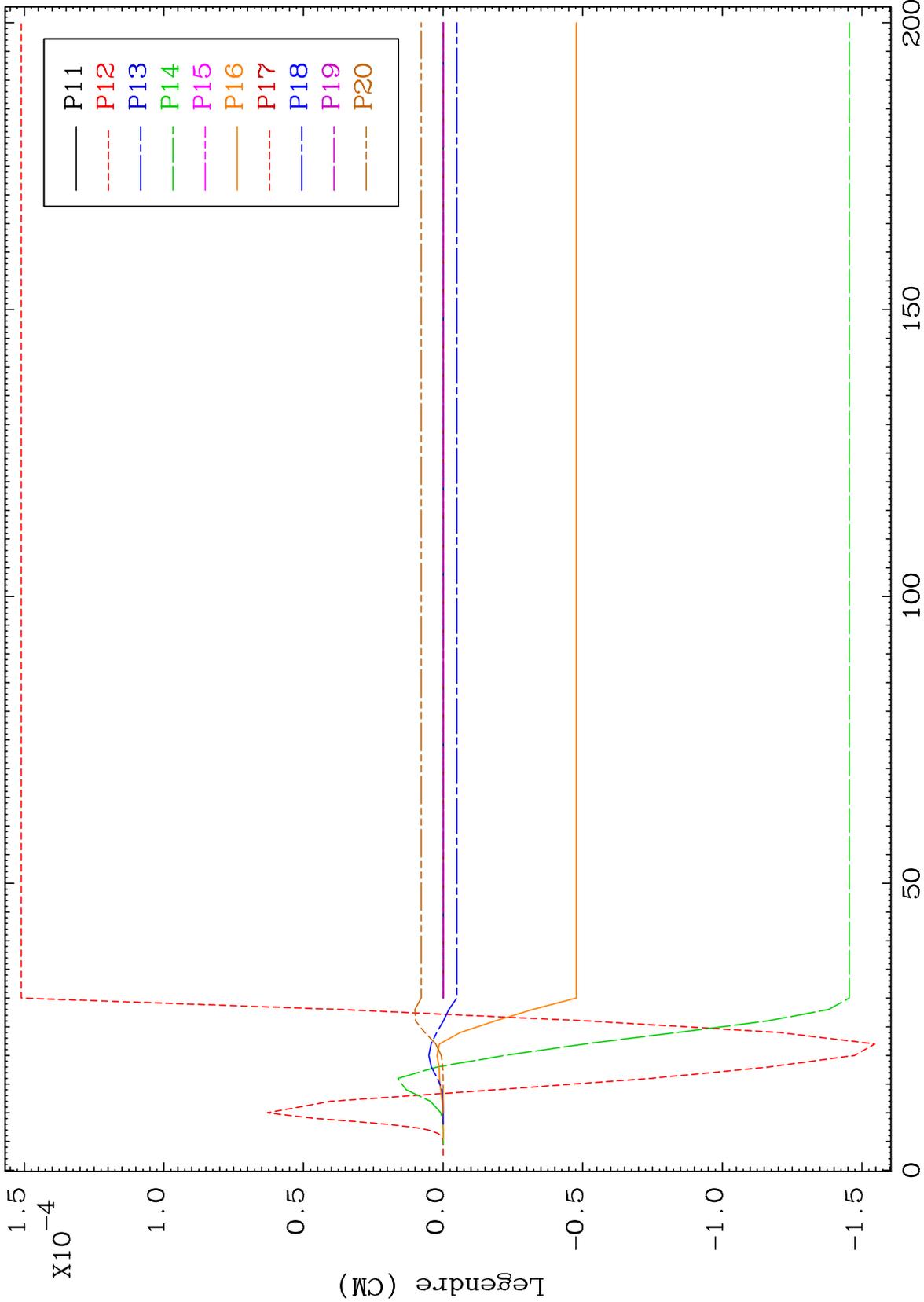
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



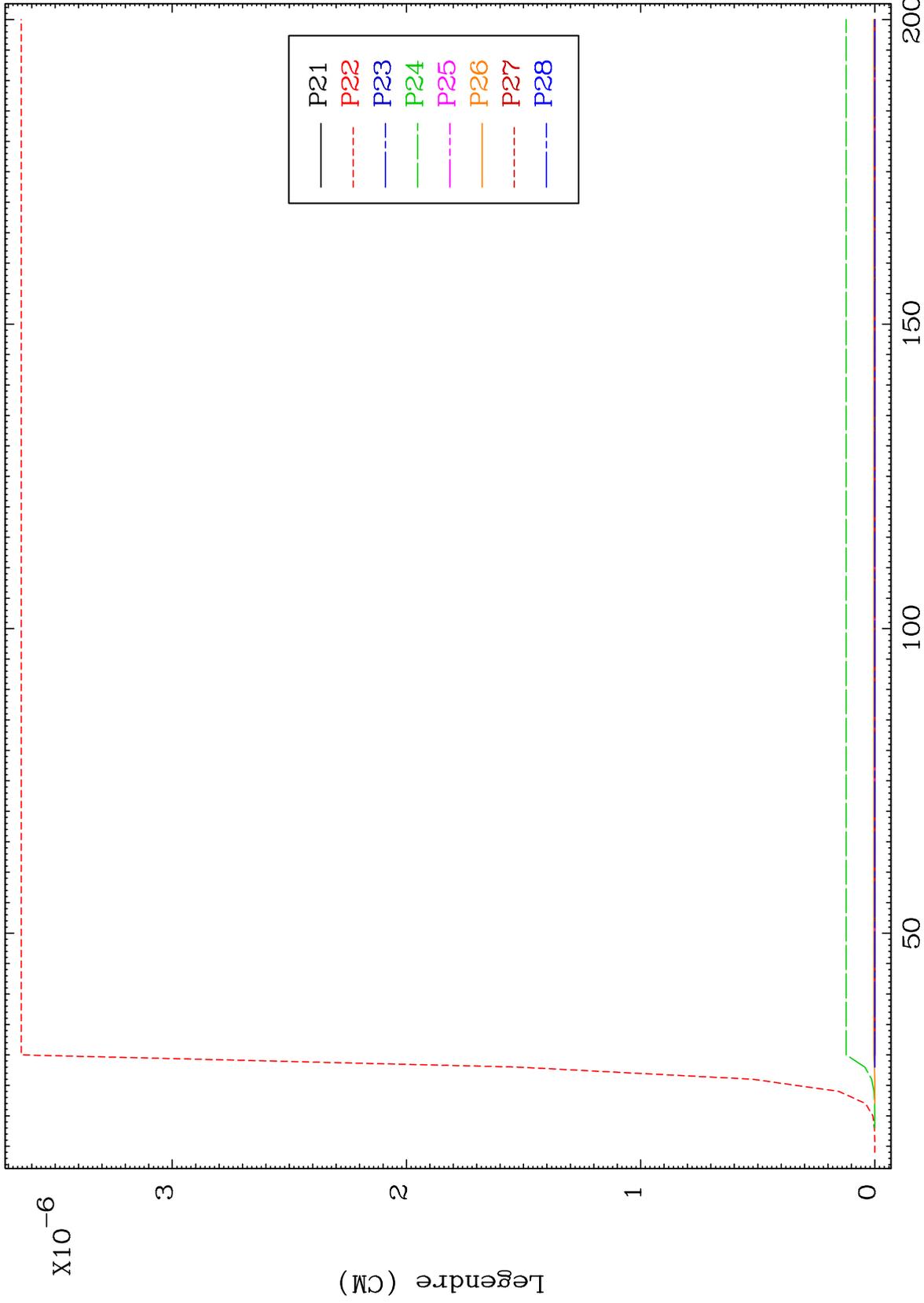
98

83-Bi-206

MAT 8316

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

83-Bi-206



99

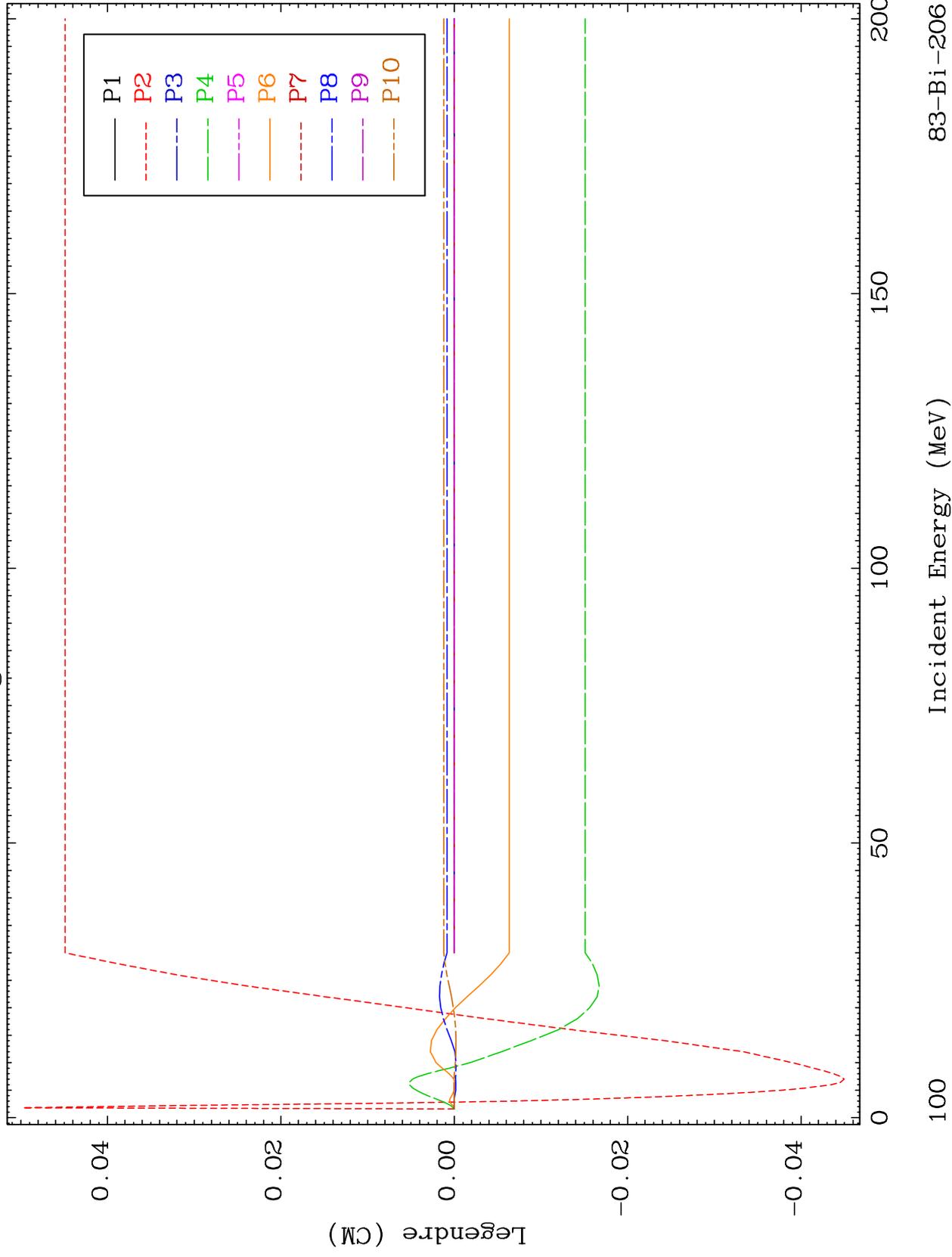
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206

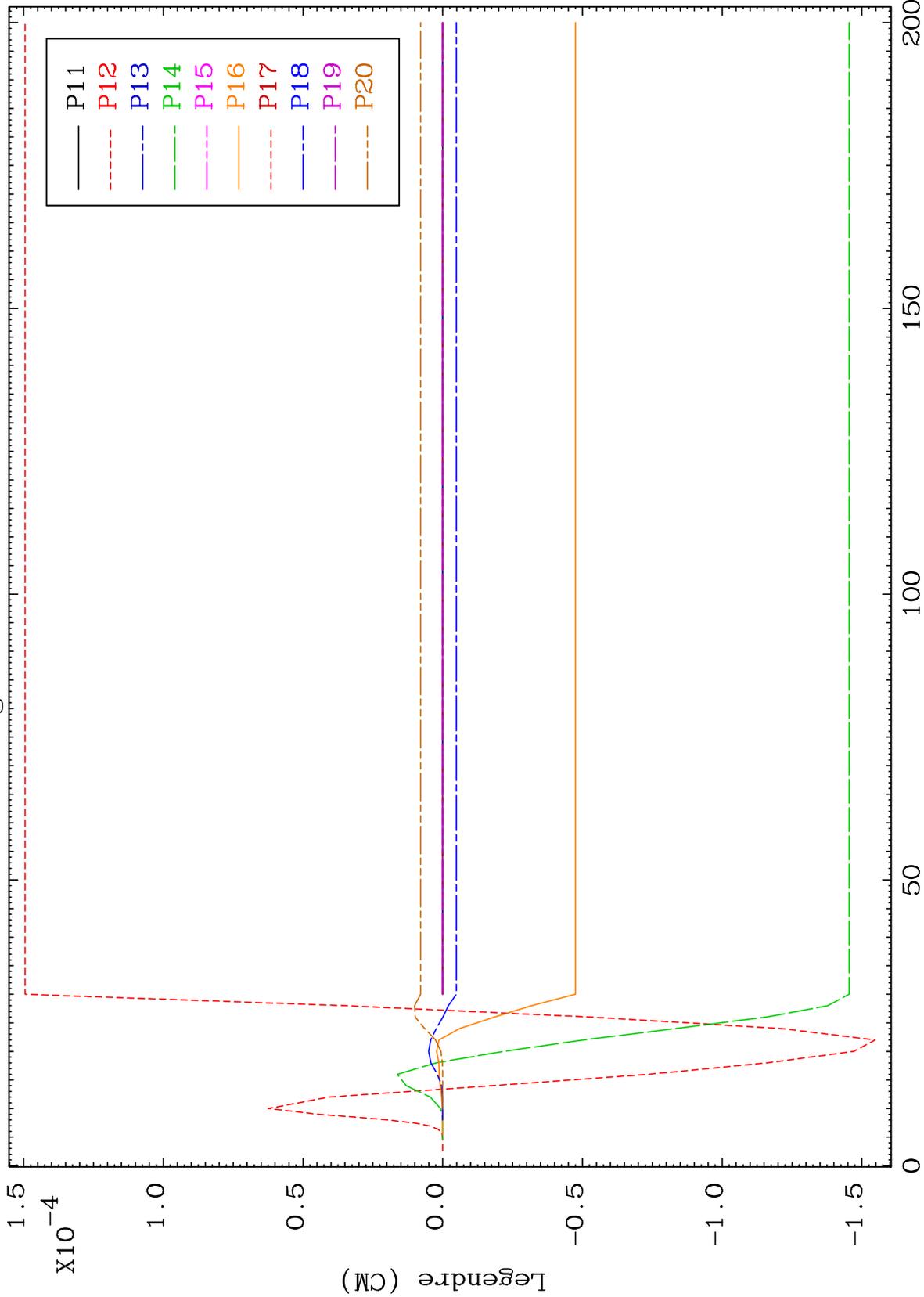


83-Bi-206

MAT 8316

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

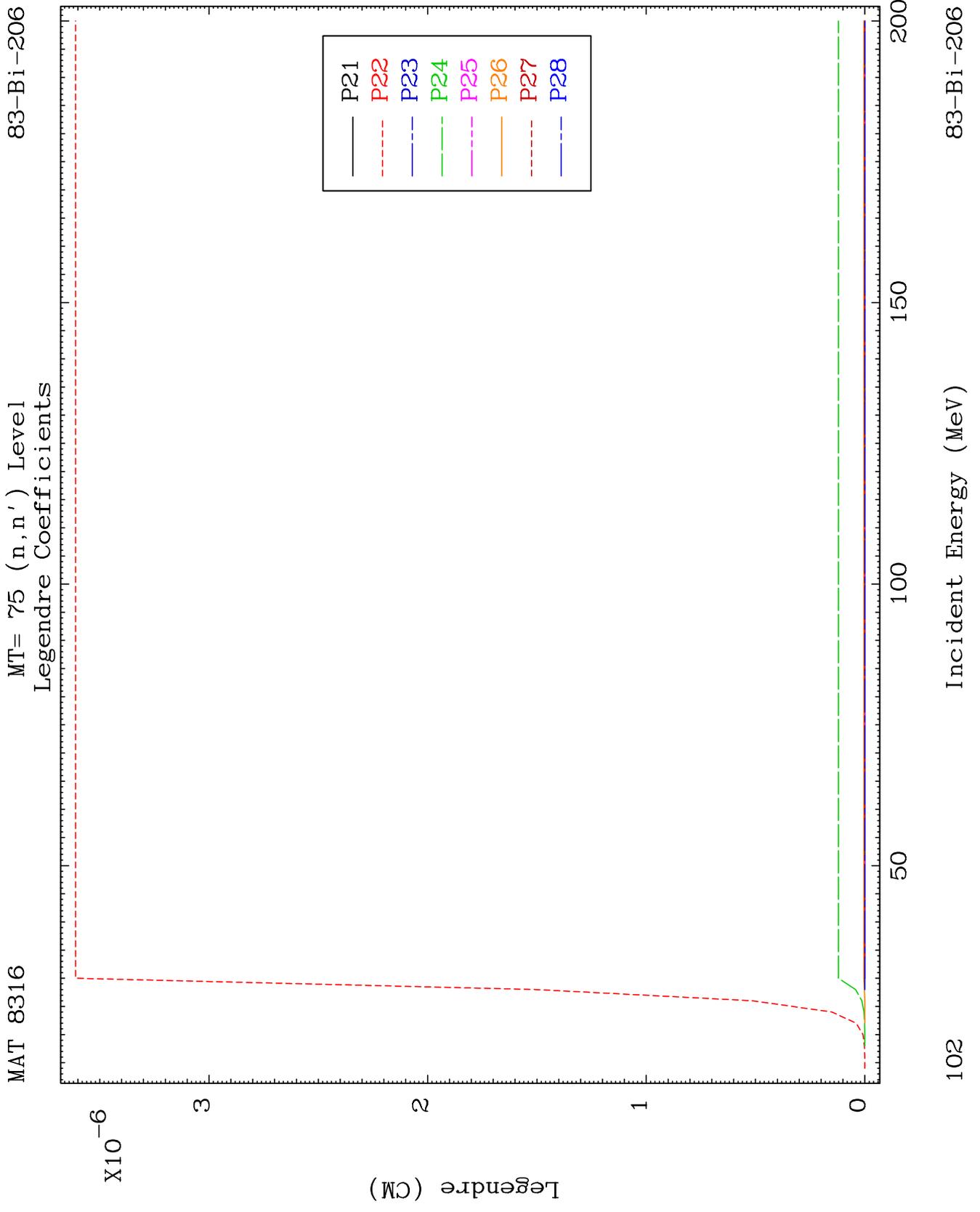
83-Bi-206



101

Incident Energy (MeV)

83-Bi-206

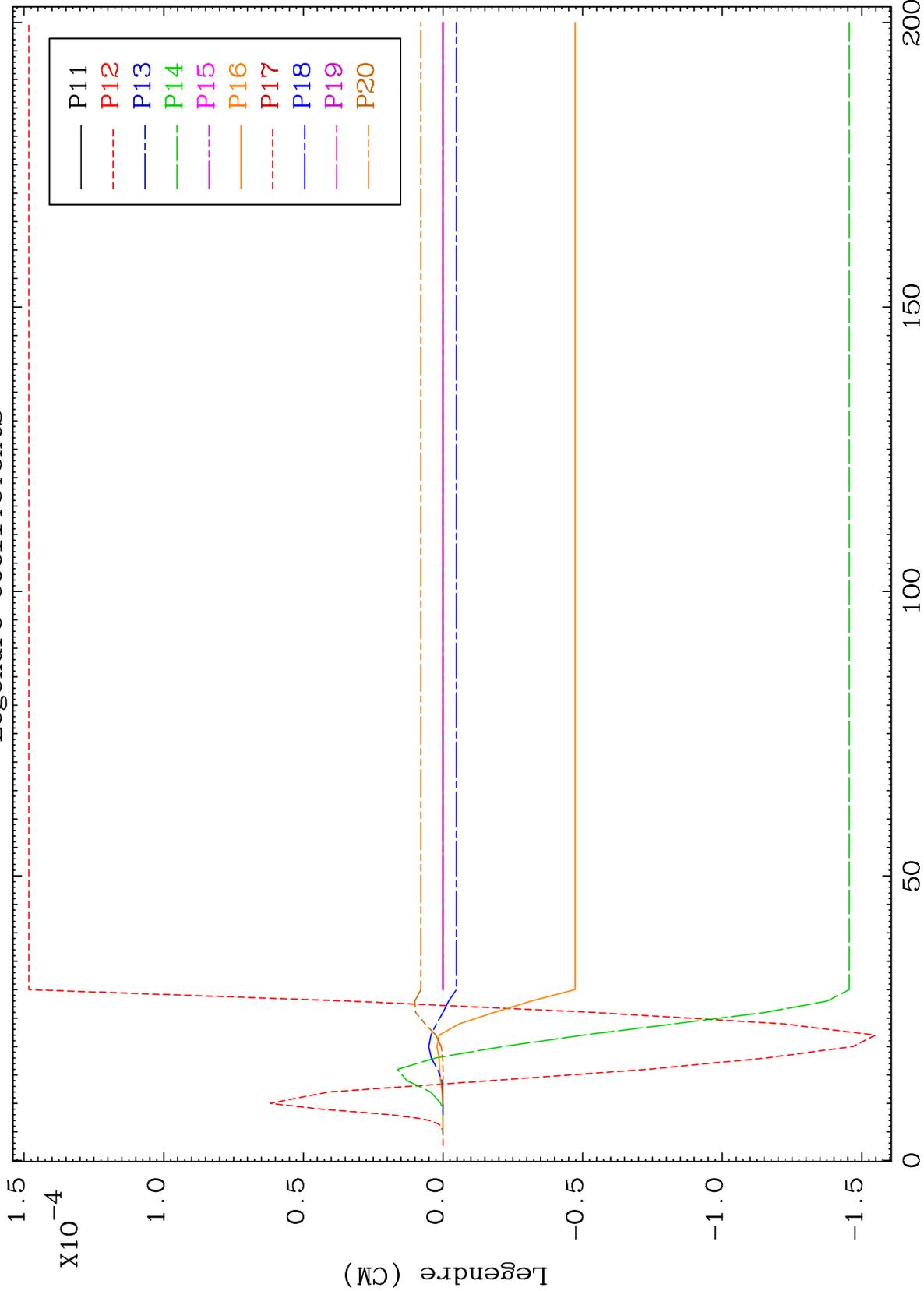


MAT 8316

MT= 76 (n,n') Level

83-Bi-206

Legendre Coefficients



104

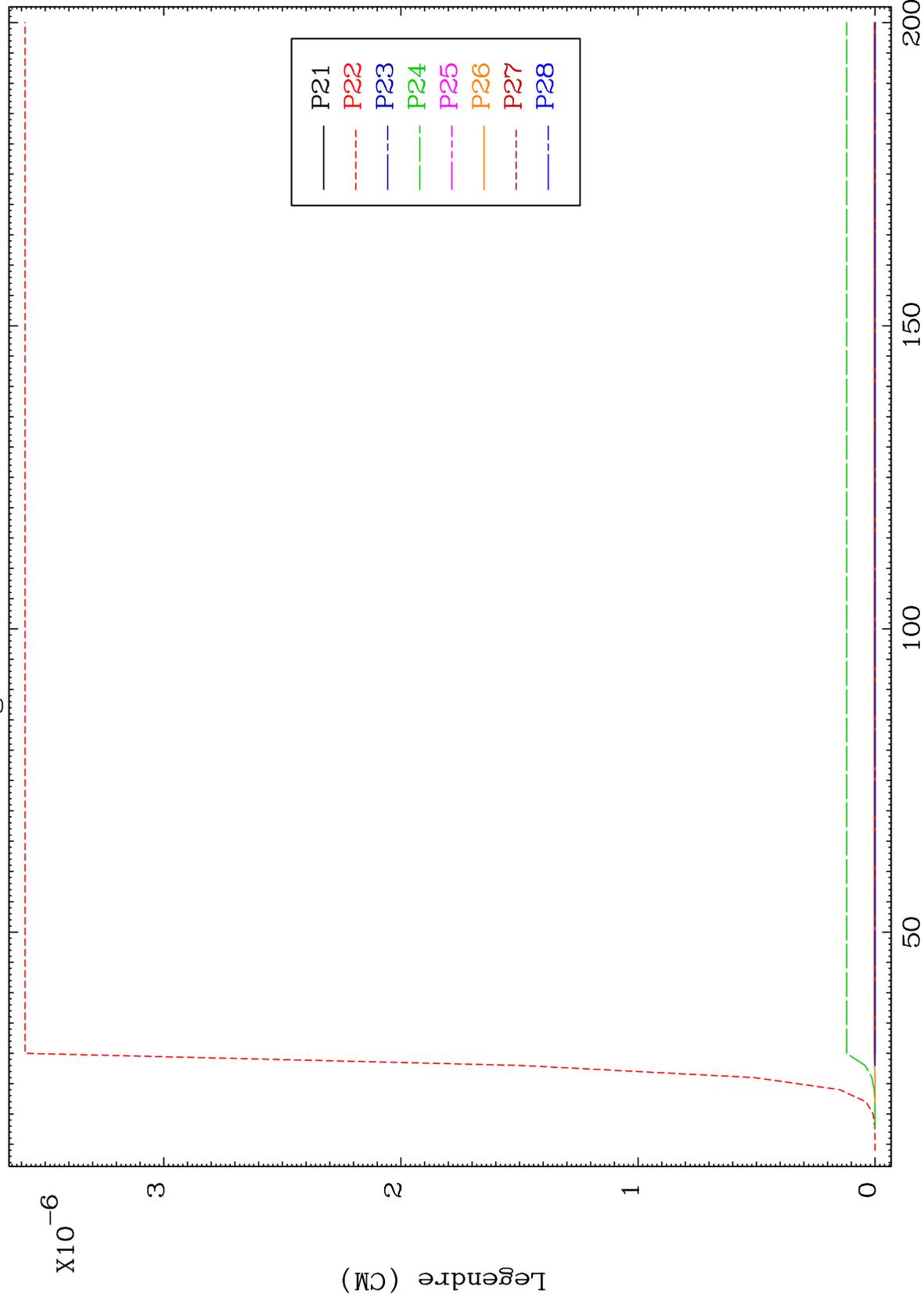
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



105

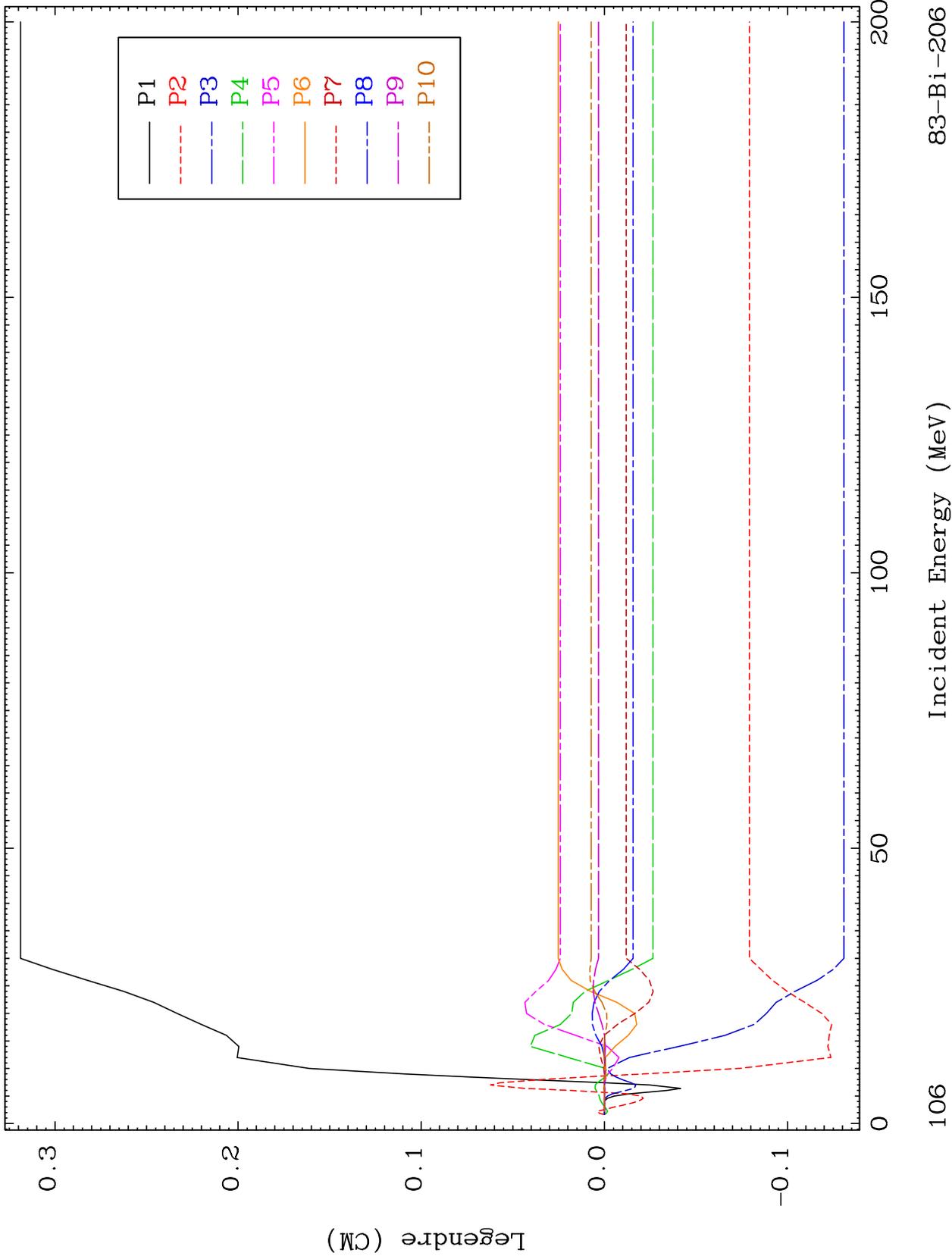
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

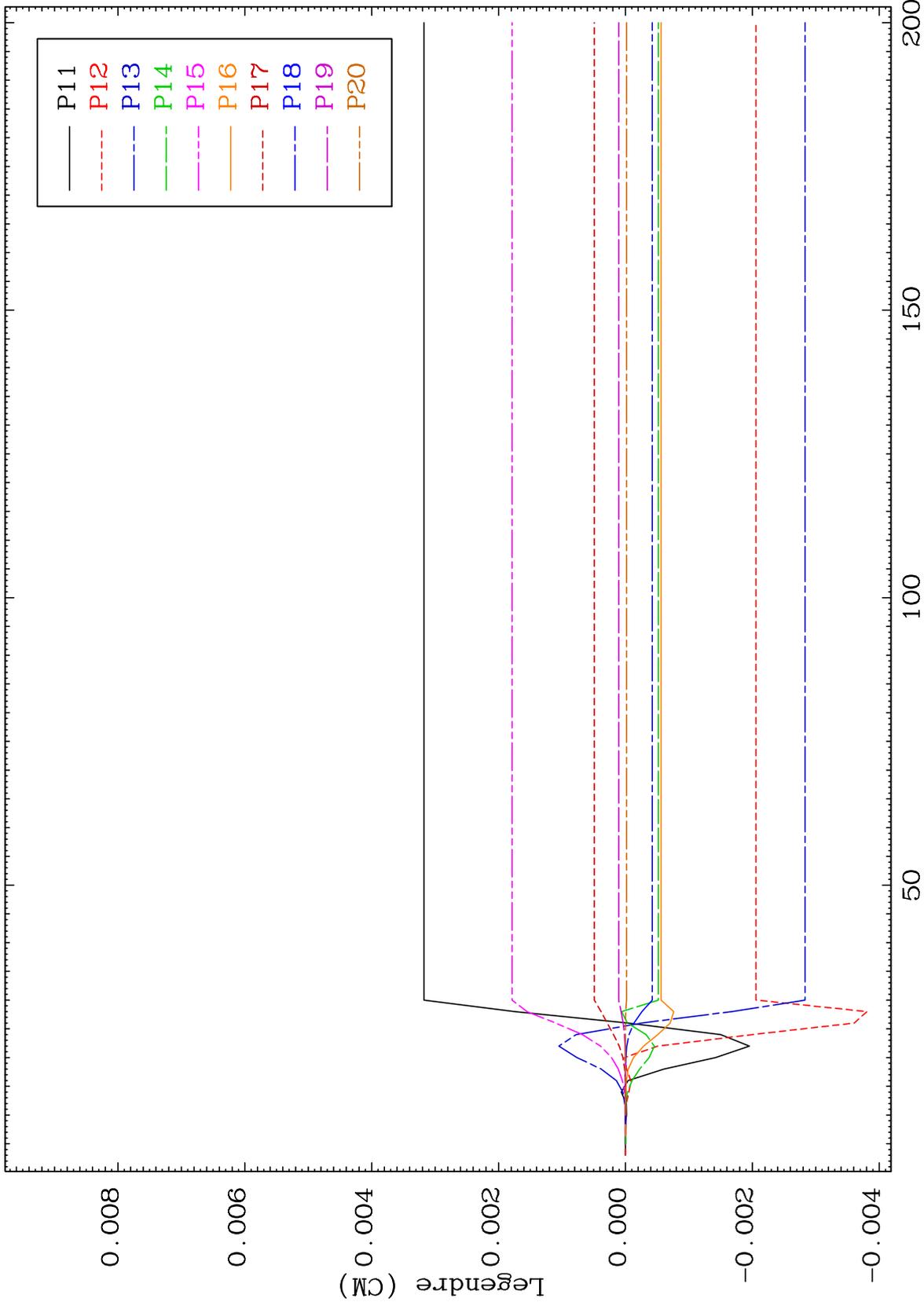
Incident Energy (MeV)

106

MAT 8316

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

83-Bi-206



107

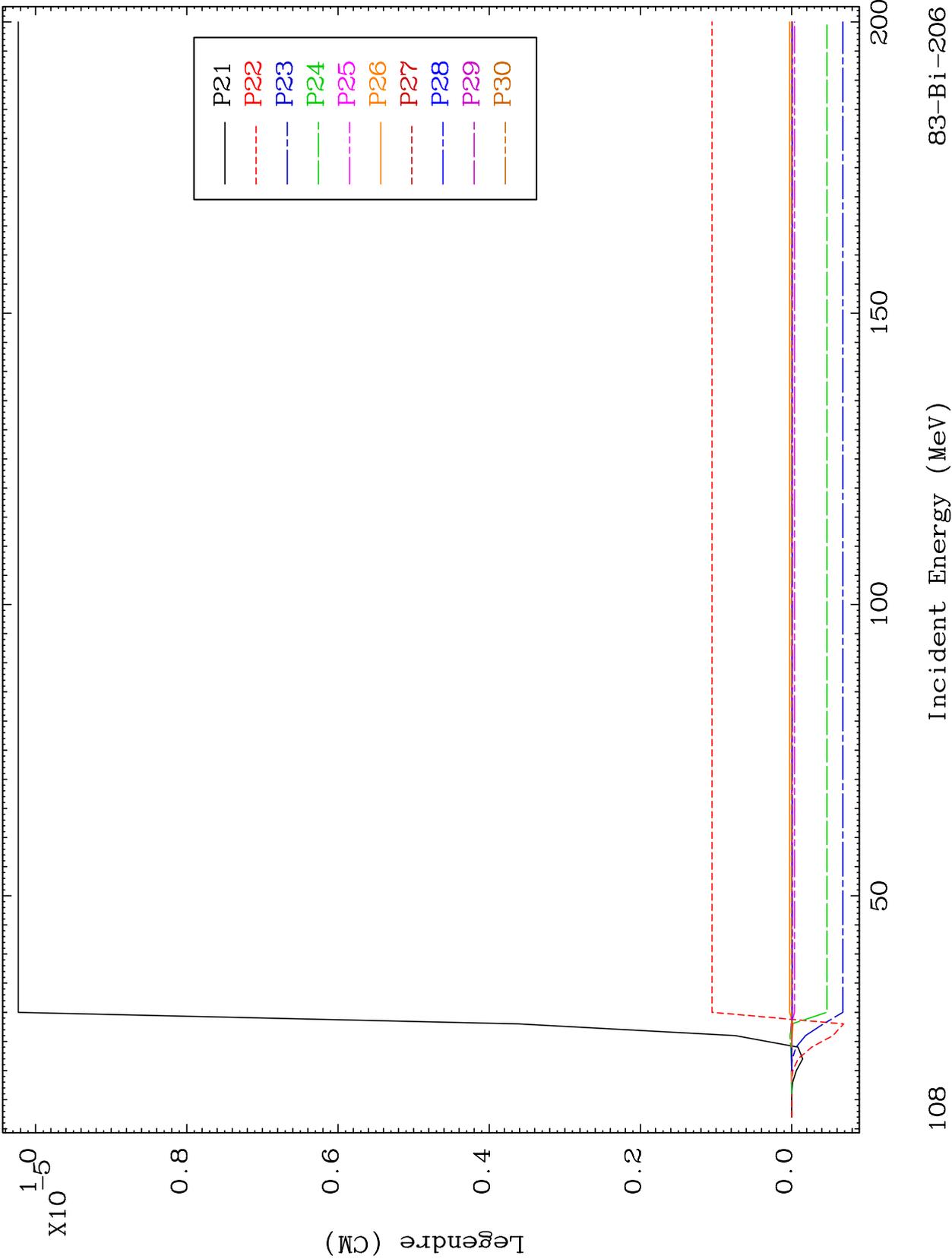
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206

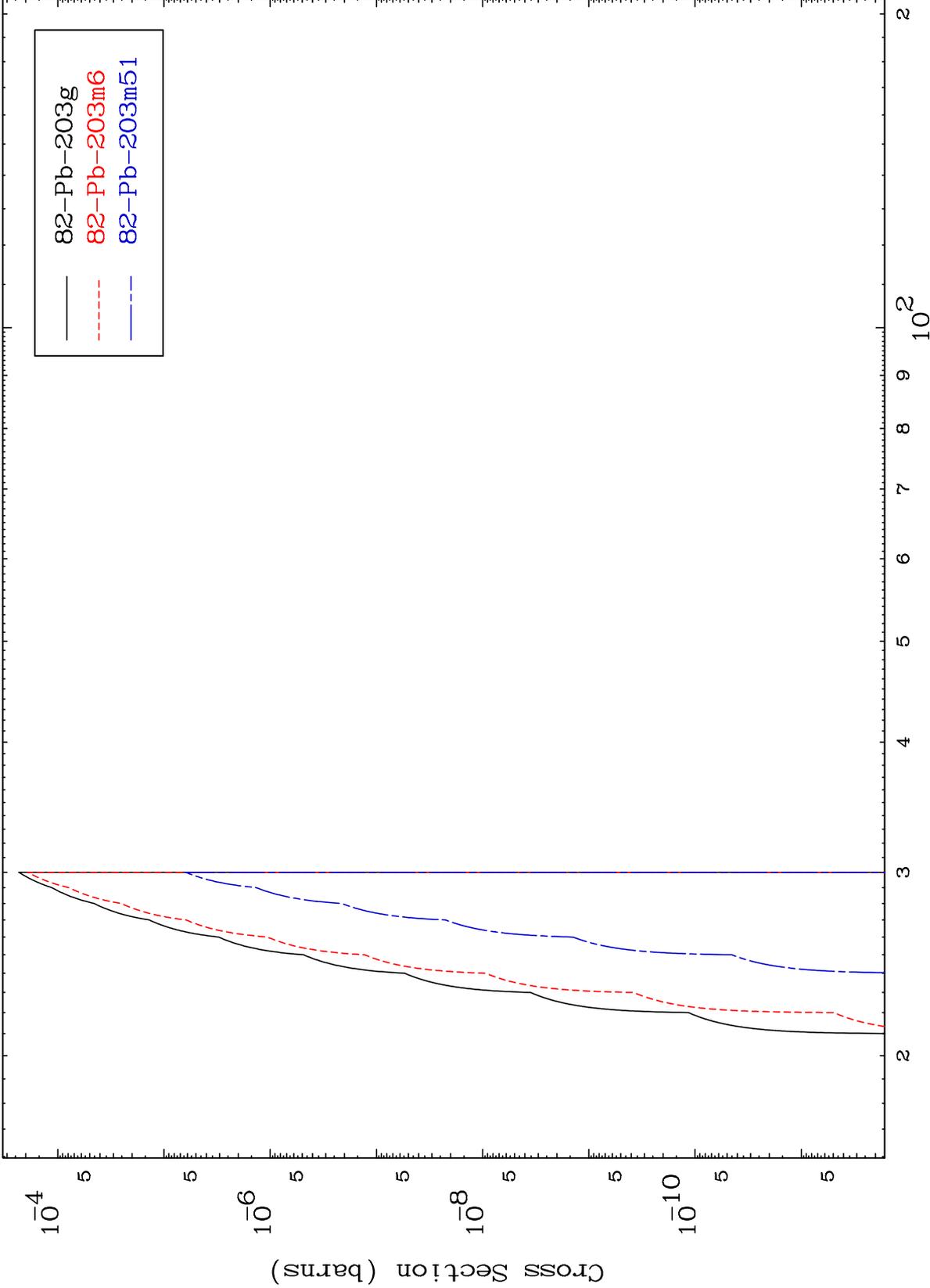


108

Incident Energy (MeV)

83-Bi-206

Radionuclide Production Cross Section

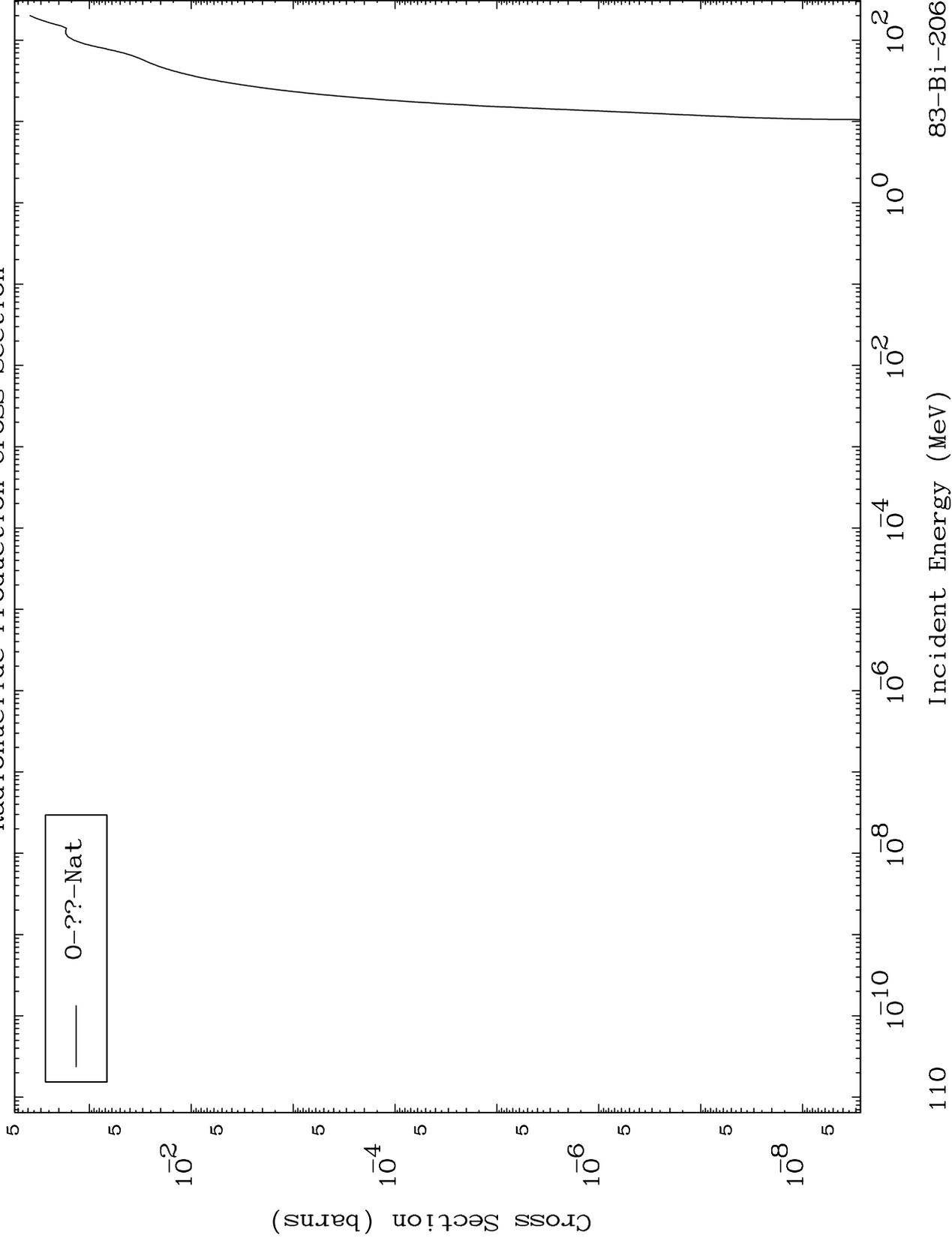


MAT 8316

Fission

83-Bi-206

Radionuclide Production Cross Section



110

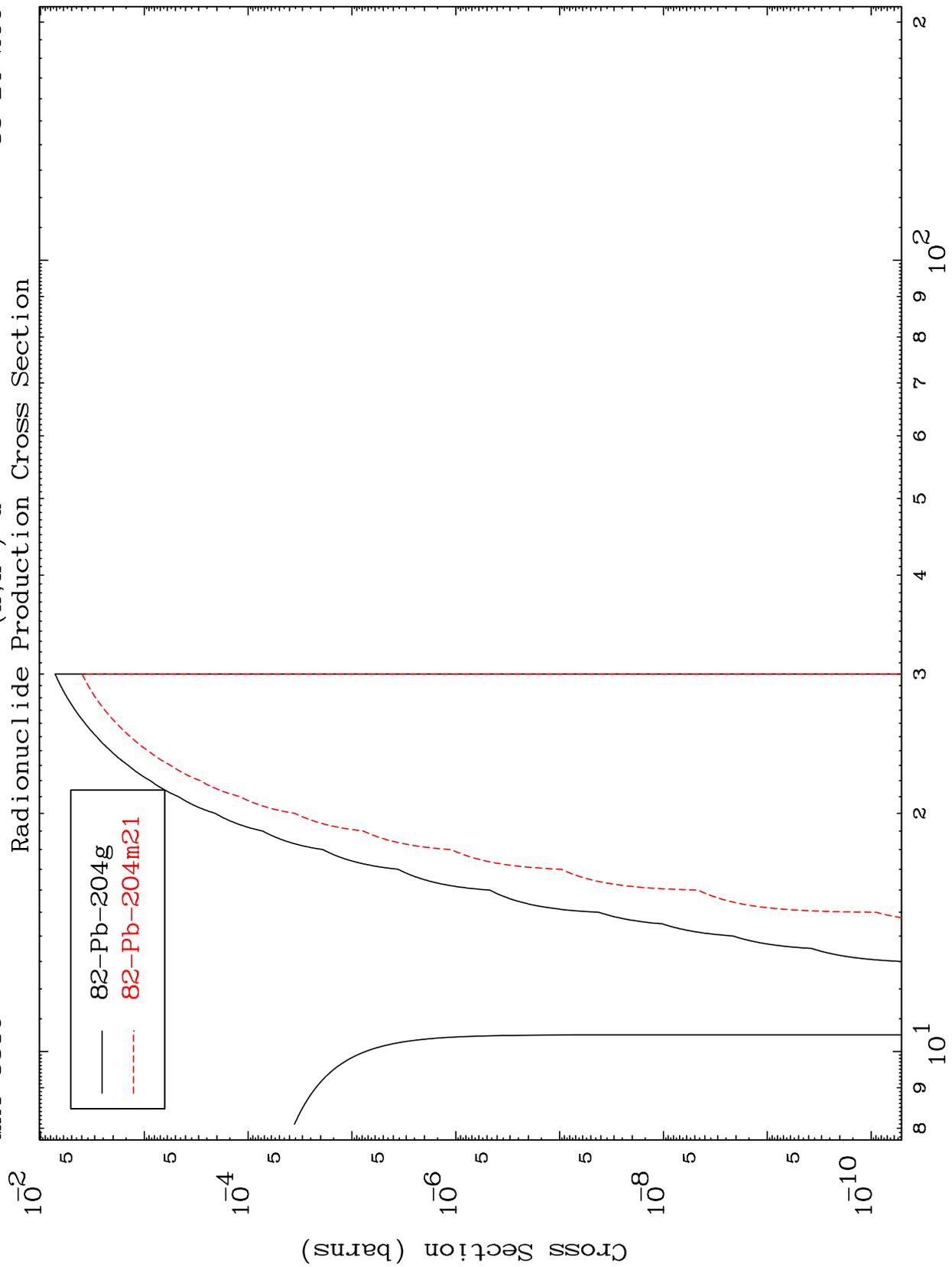
83-Bi-206

MAT 8316

(n,n') d

83-Bi-206

Radionuclide Production Cross Section



111

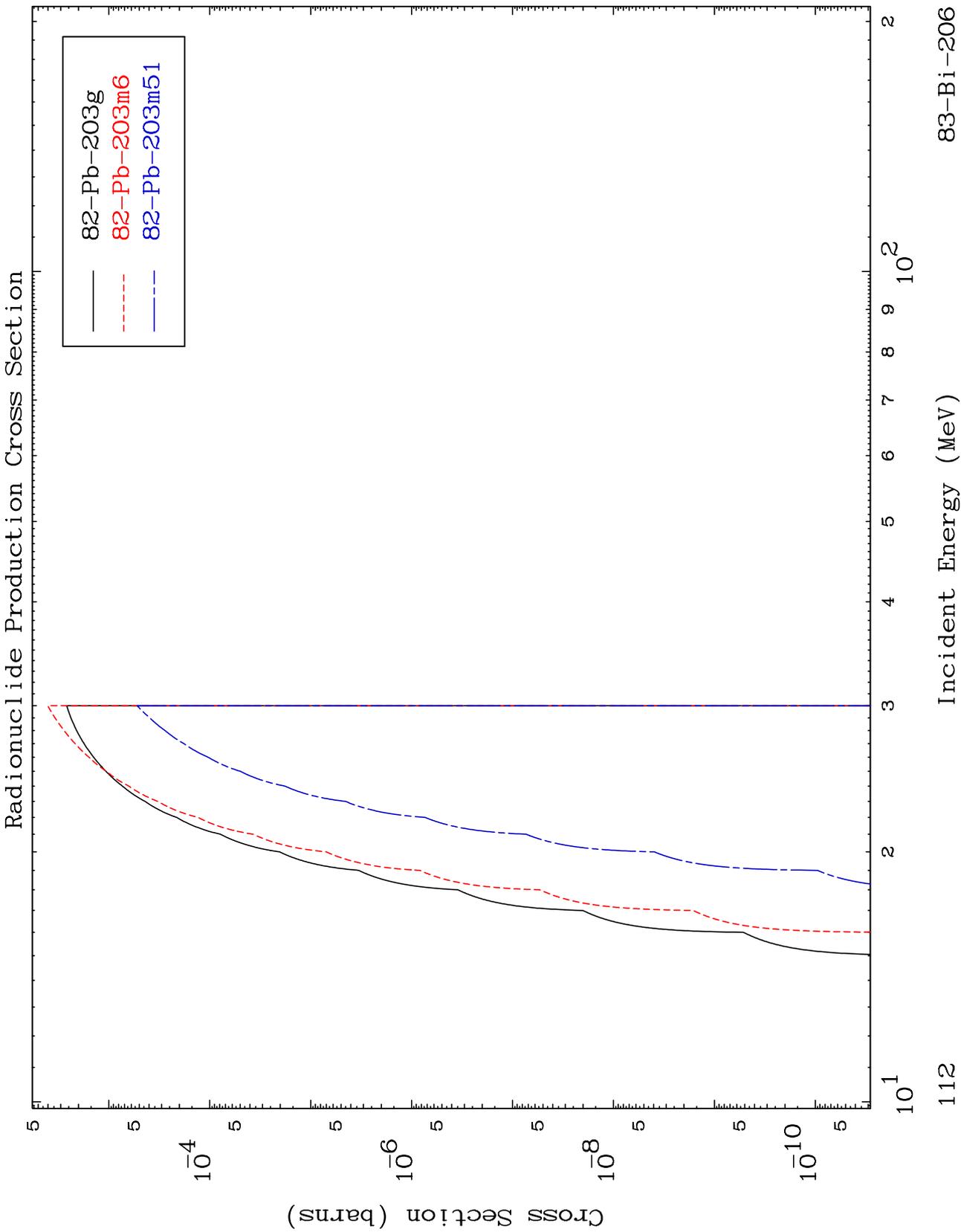
Incident Energy (MeV)

83-Bi-206

MAT 8316

(n,n') t

83-Bi-206

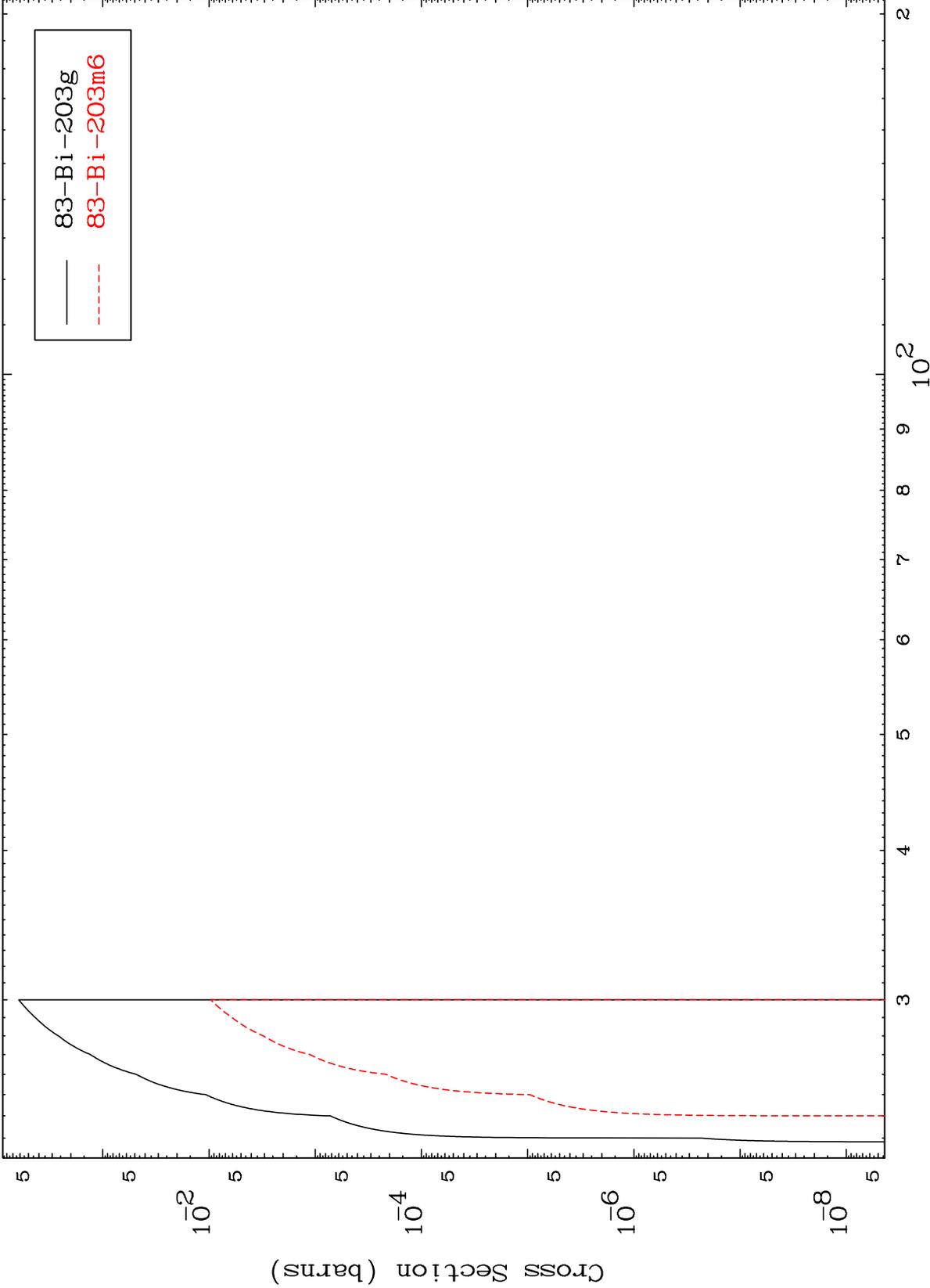


83-Bi-206

Incident Energy (MeV)

112

Radionuclide Production Cross Section



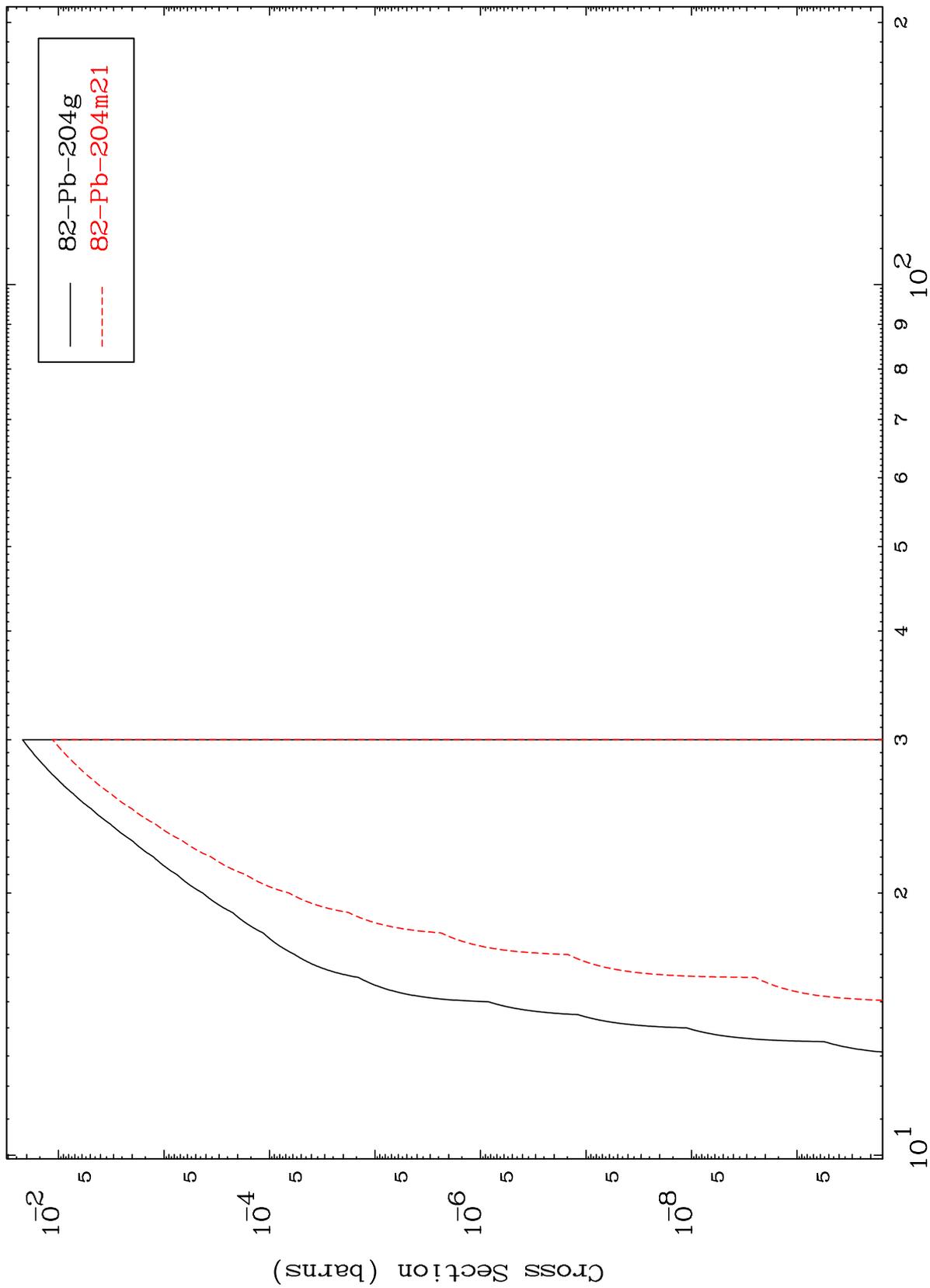
83-Bi-203g
83-Bi-203m6

MAT 8316

(n,2n) p

83-Bi-206

Radionuclide Production Cross Section

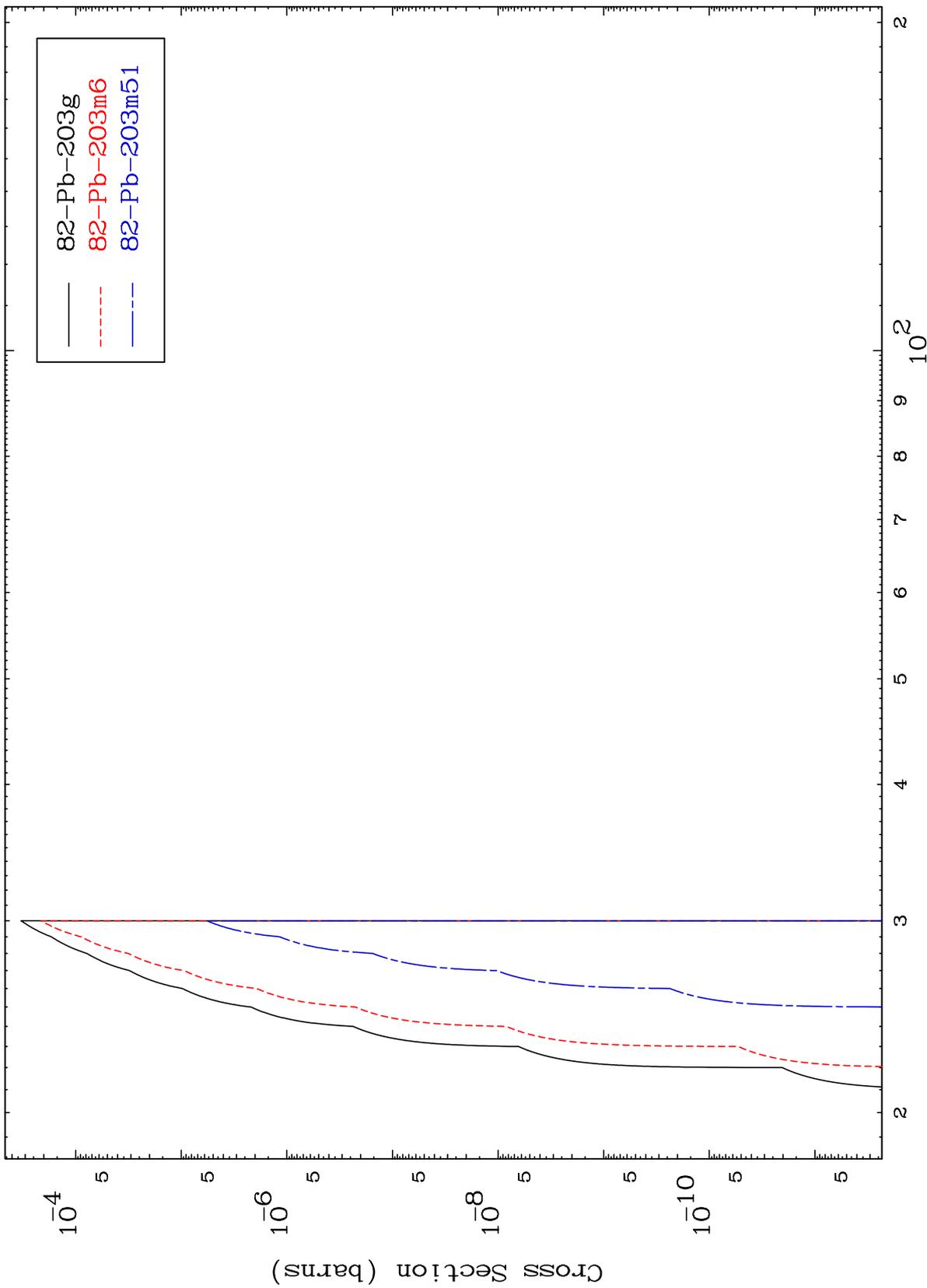


114

Incident Energy (MeV)

83-Bi-206

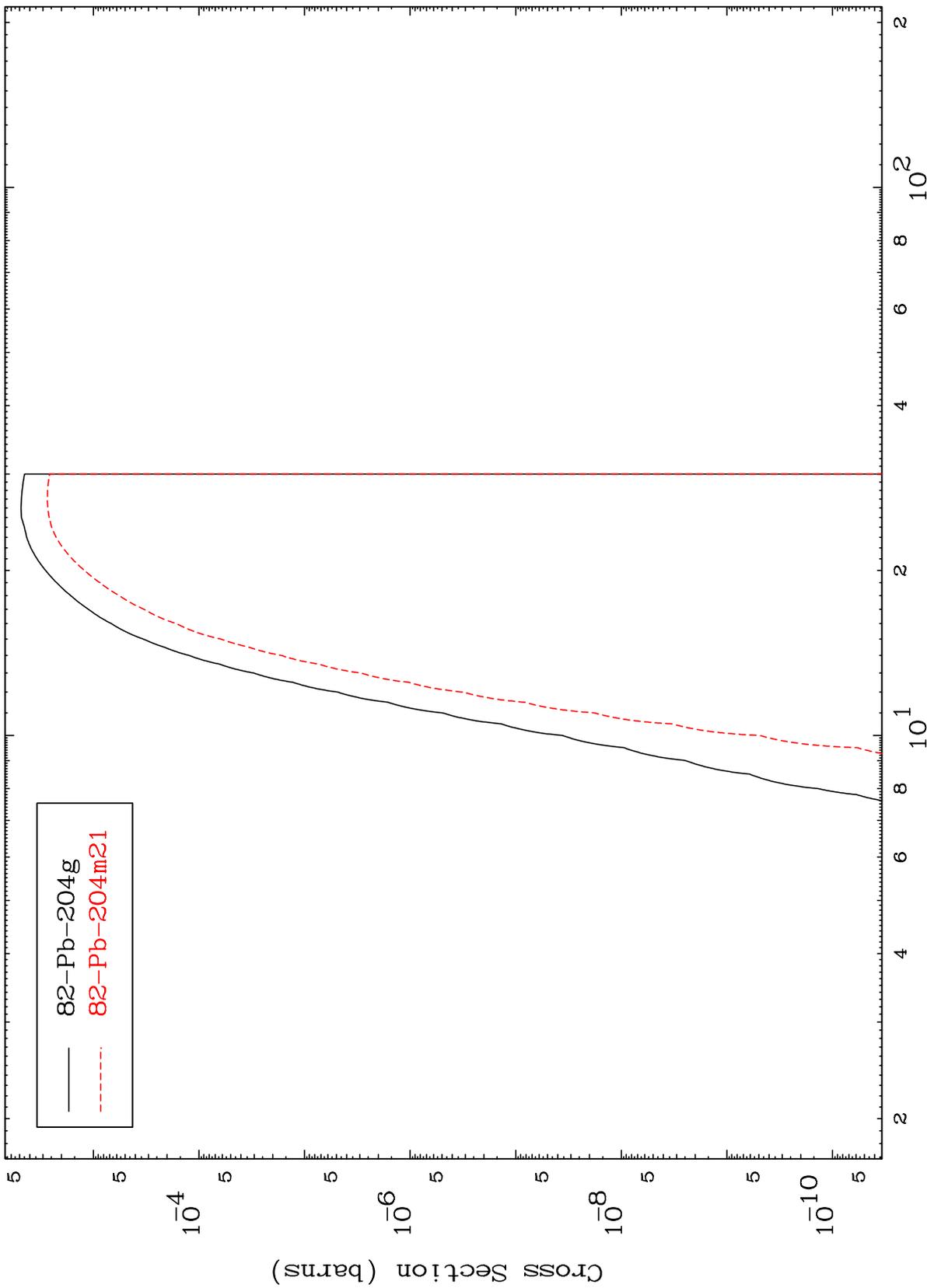
Radionuclide Production Cross Section



MAT 8316

83-Bi-206

(n, t)
Radionuclide Production Cross Section



— 82-Pb-204g
- - - 82-Pb-204m21

116

83-Bi-206

Incident Energy (MeV)