

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

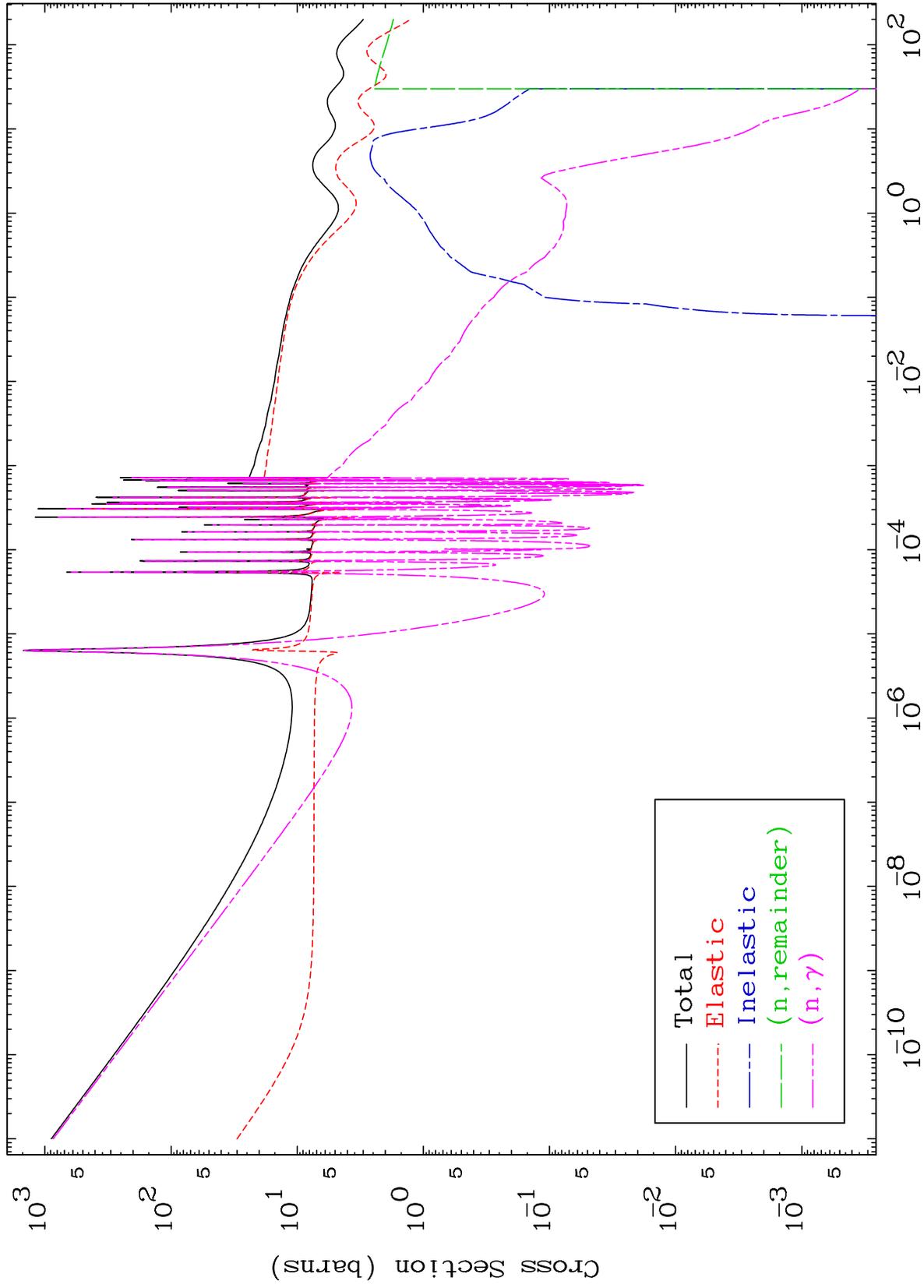
Press Mouse Button to Start

MAT 8316

Major

293 Kelvin Cross Sections

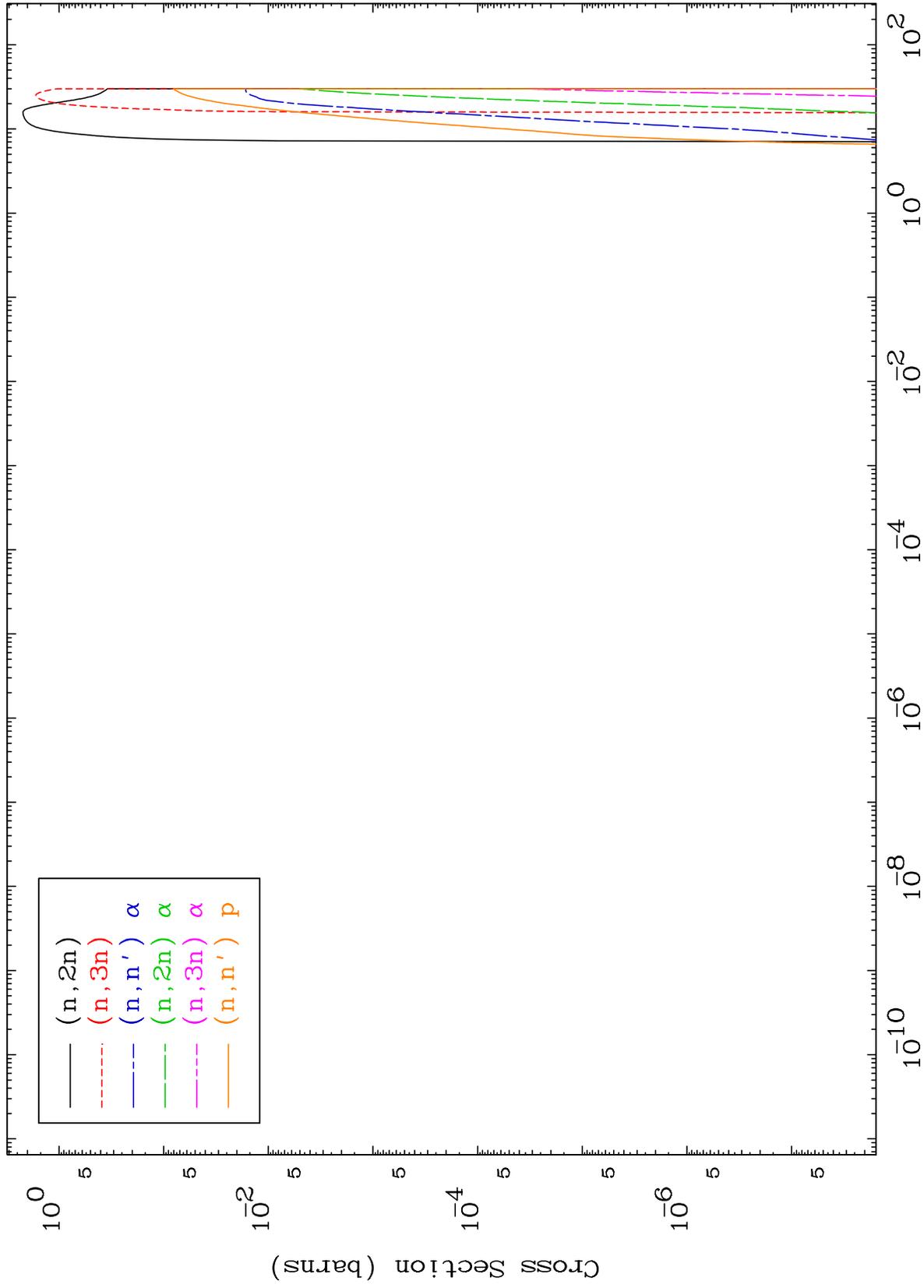
83-Bi-206



MAT 8316

Neutron Production
293 Kelvin Cross Sections

83-Bi-206



2

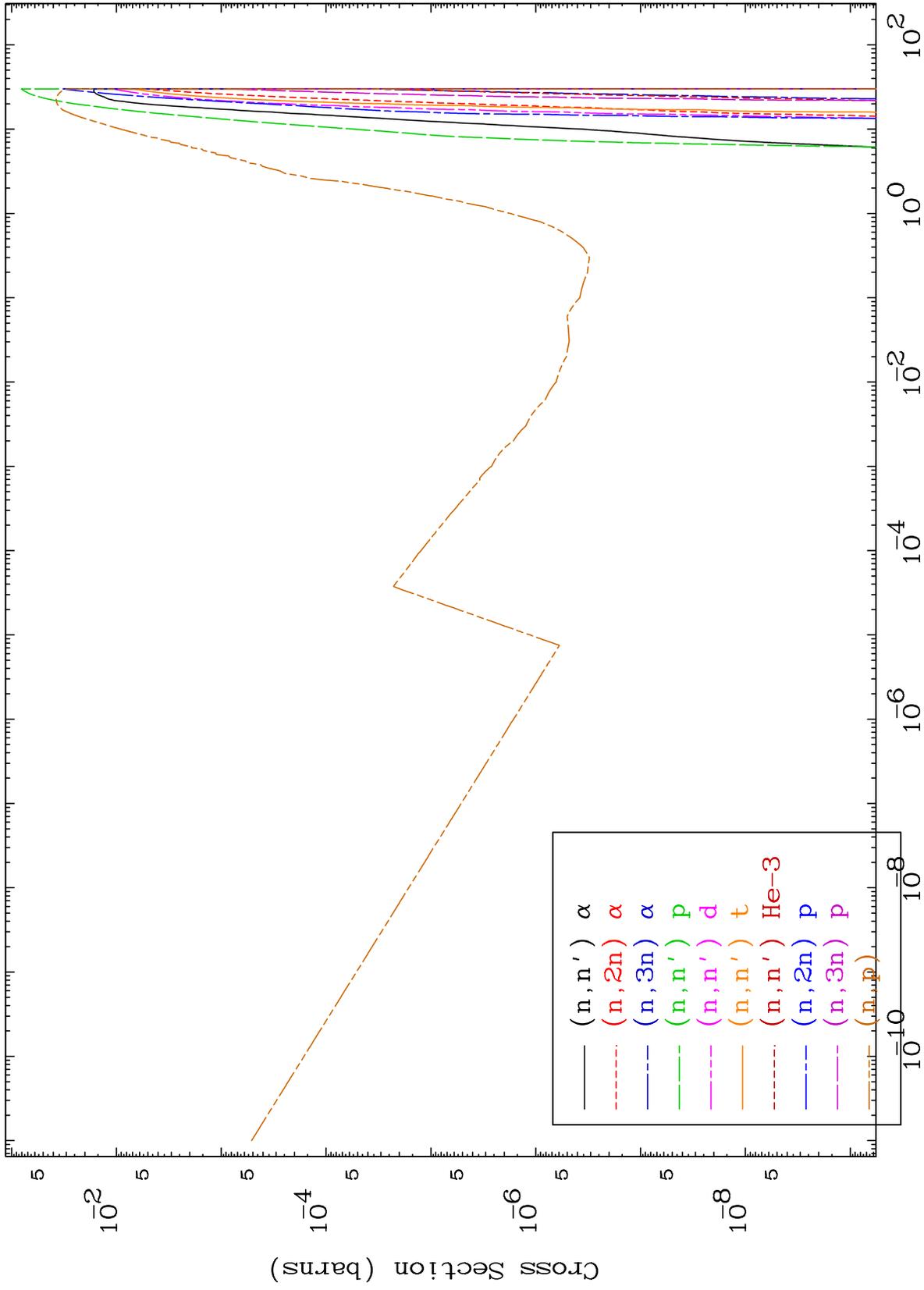
Incident Energy (MeV)

83-Bi-206

MAT 8316

Charged Particle
293 Kelvin Cross Sections

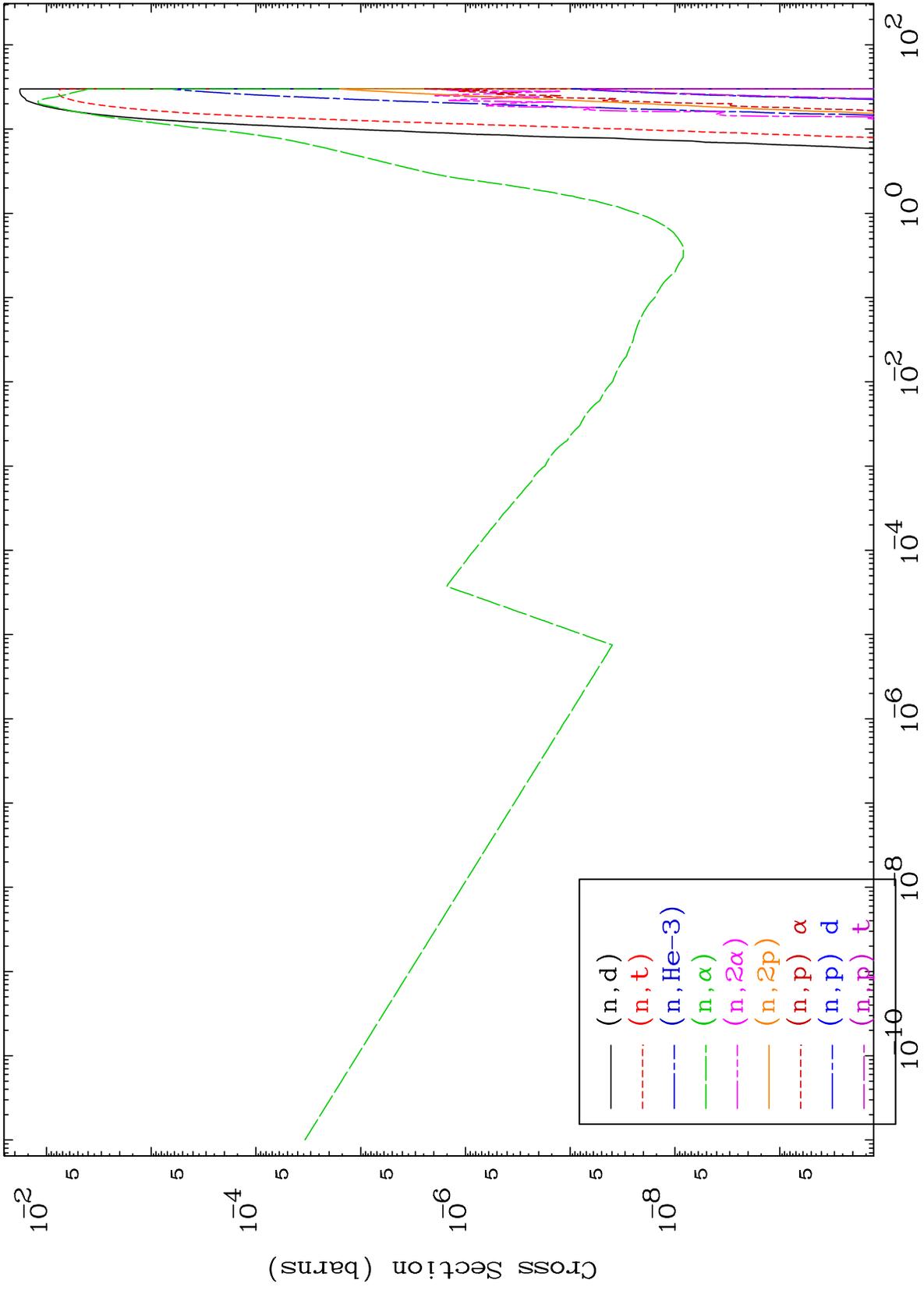
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MAT 8316

Charged Particle
293 Kelvin Cross Sections

83-Bi-206

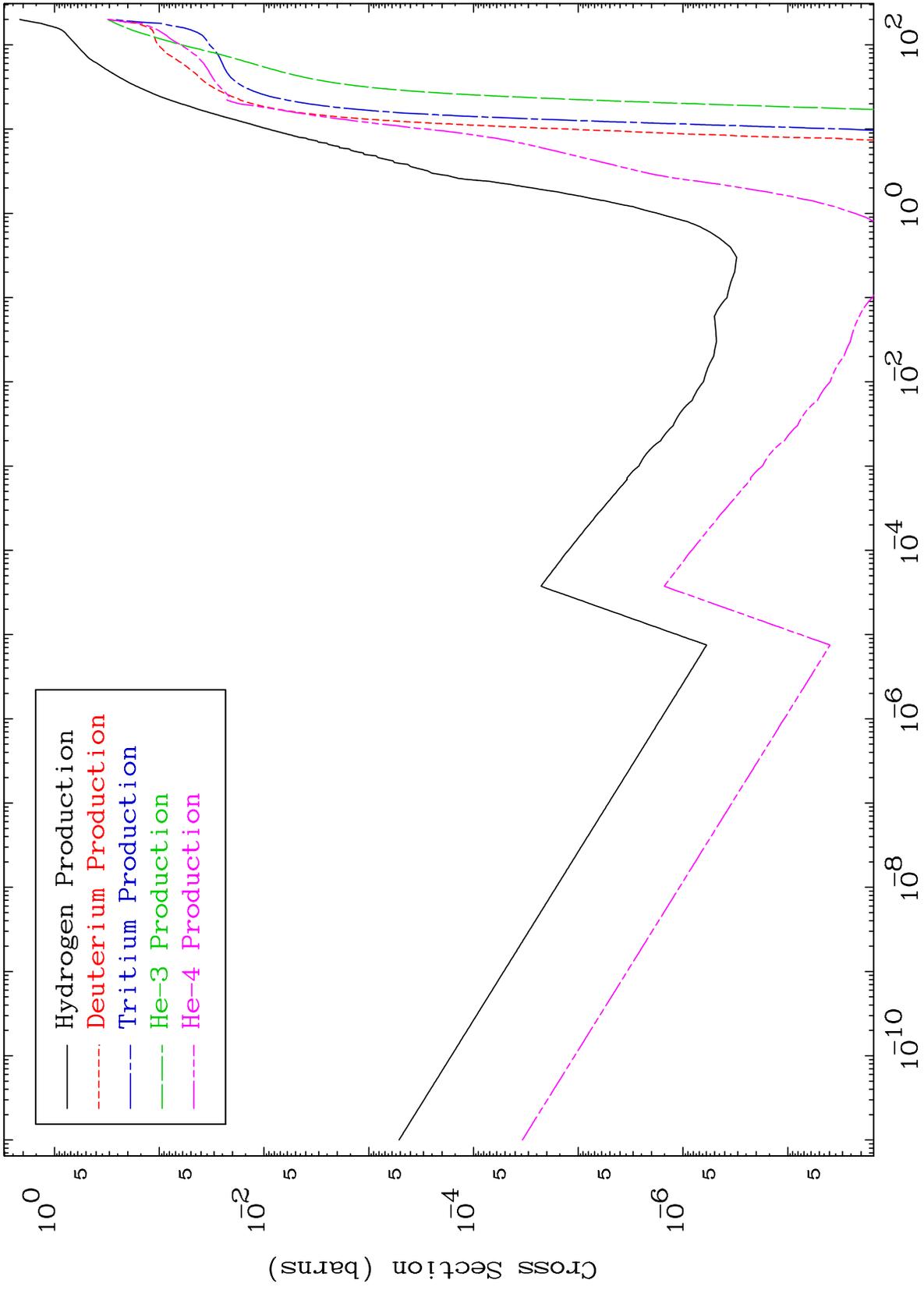


83-Bi-206

MAT 8316

Particle Production
293 Kelvin Cross Sections

83-Bi-206



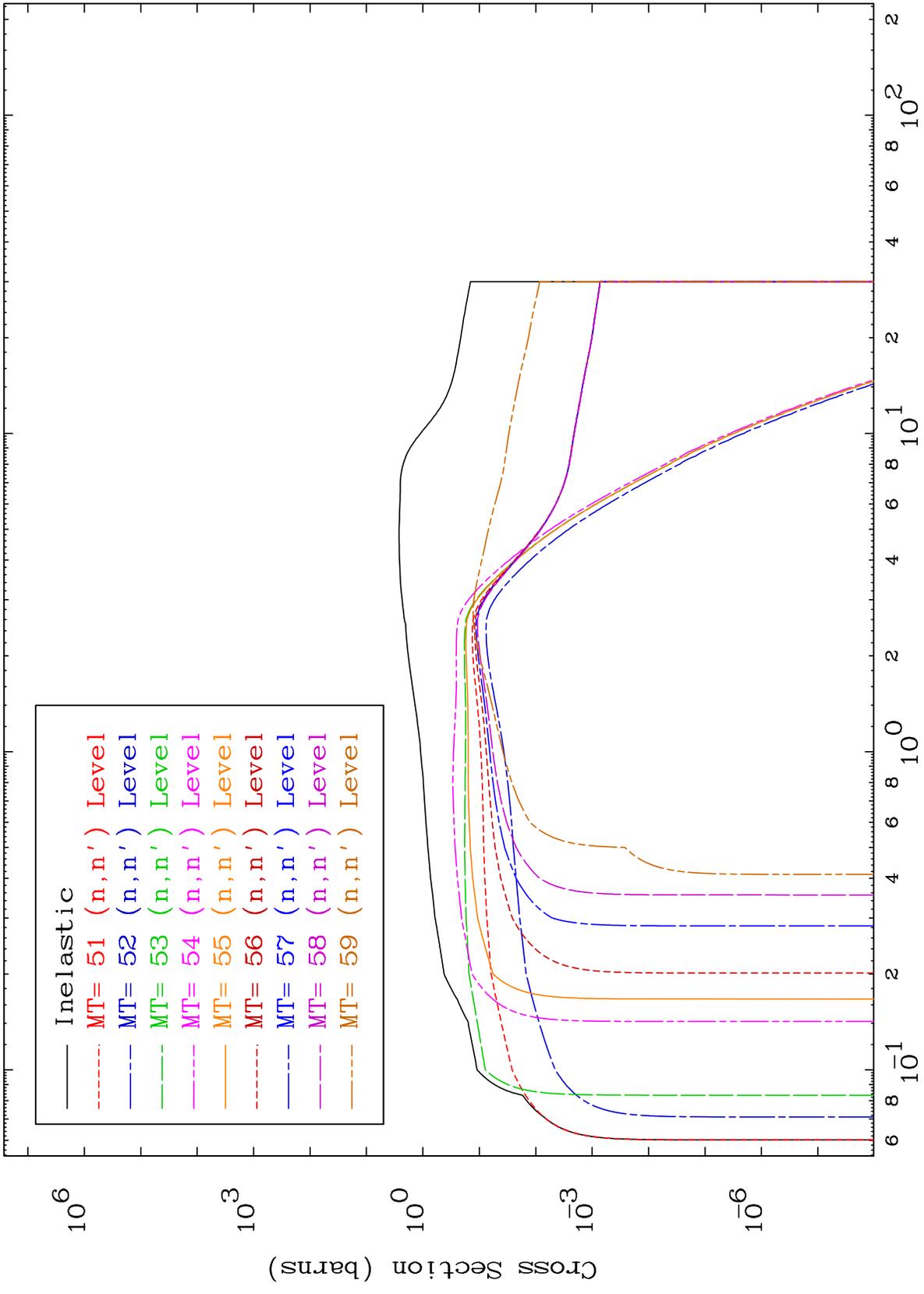
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83-Bi-206

MAT 8316

(n,n') Level
293 Kelvin Cross Sections

83-Bi-206



7

Incident Energy (MeV)

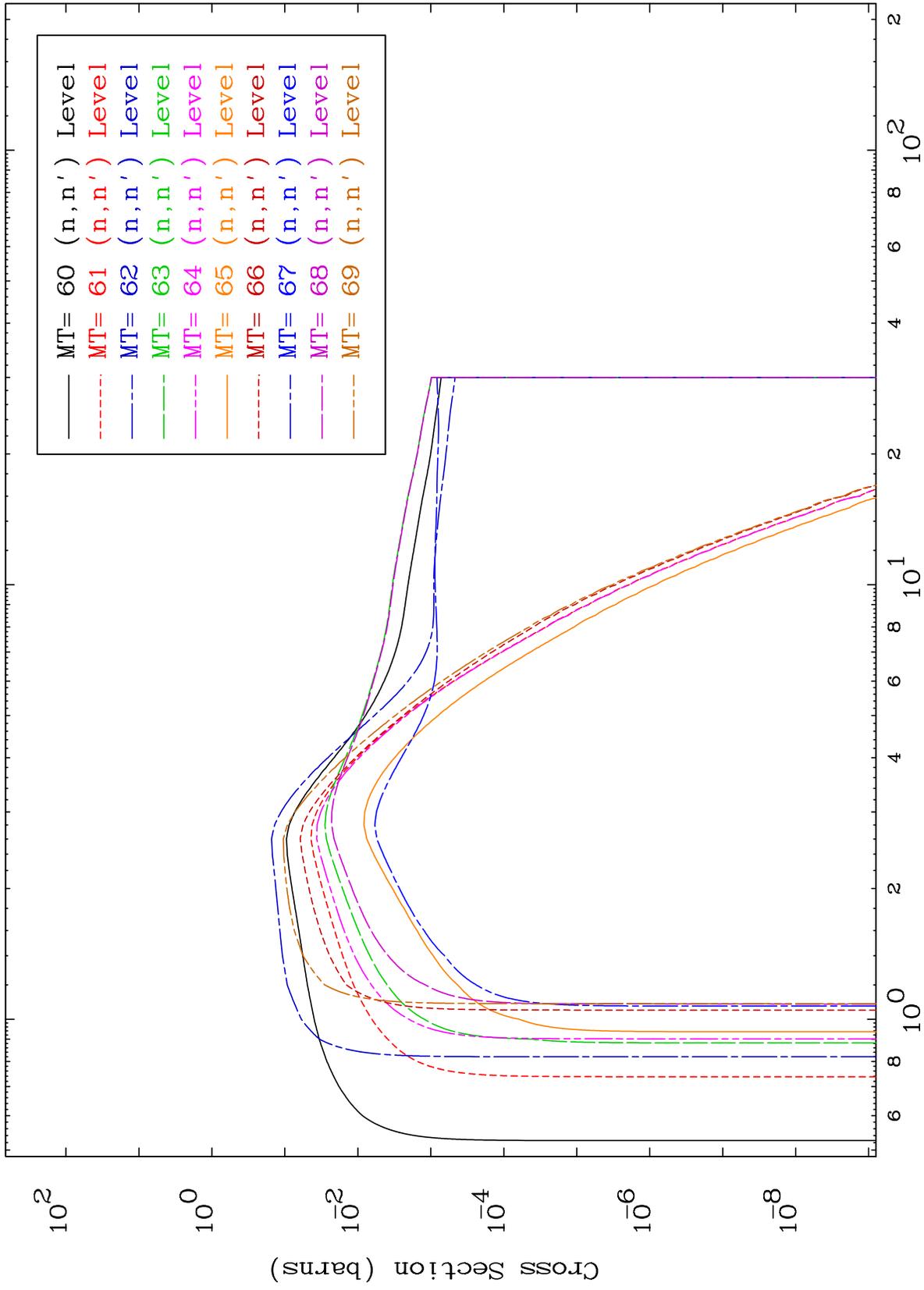
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MAT 8316

(n,n') Level

83-Bi-206

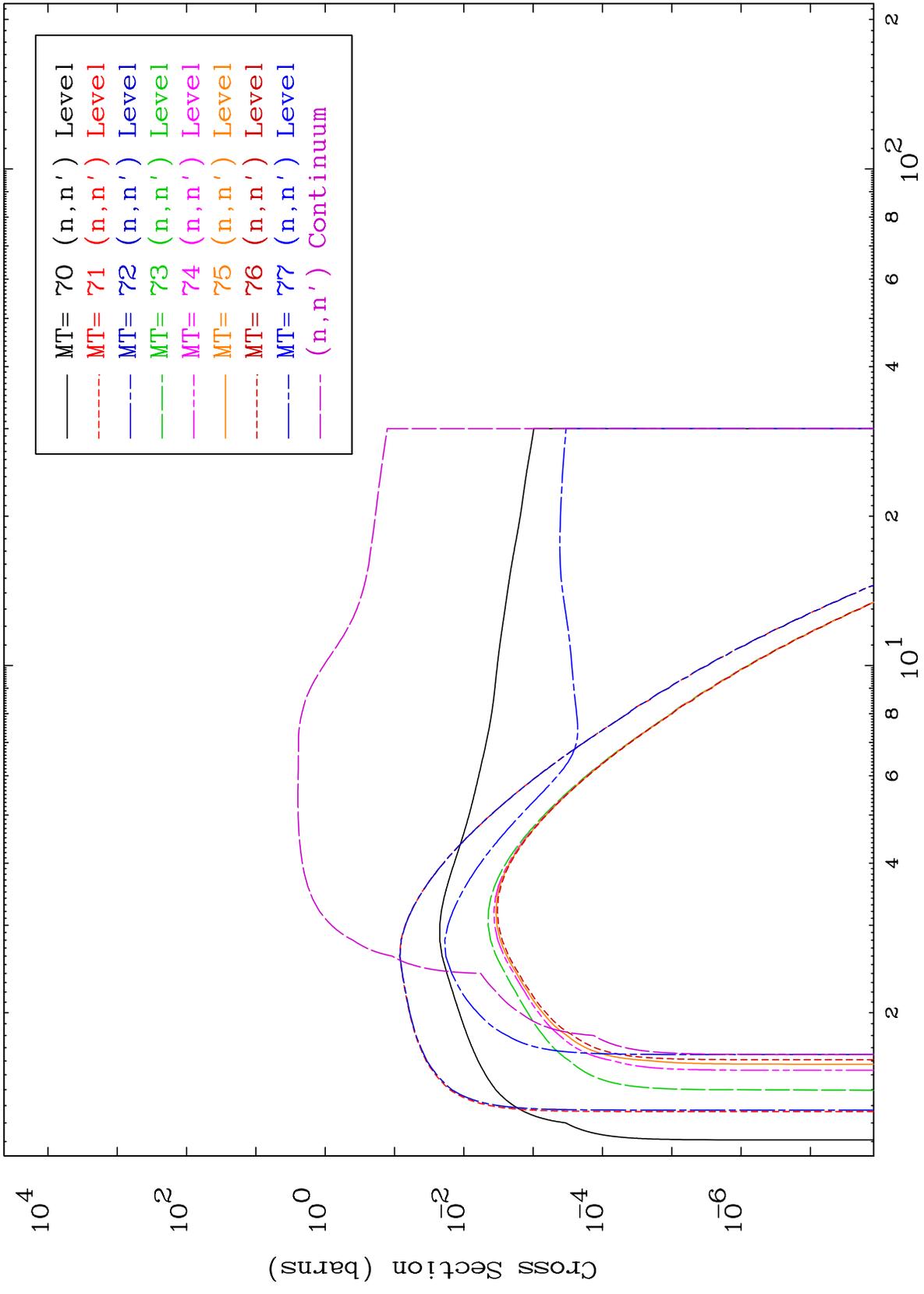
293 Kelvin Cross Sections



8

Incident Energy (MeV)

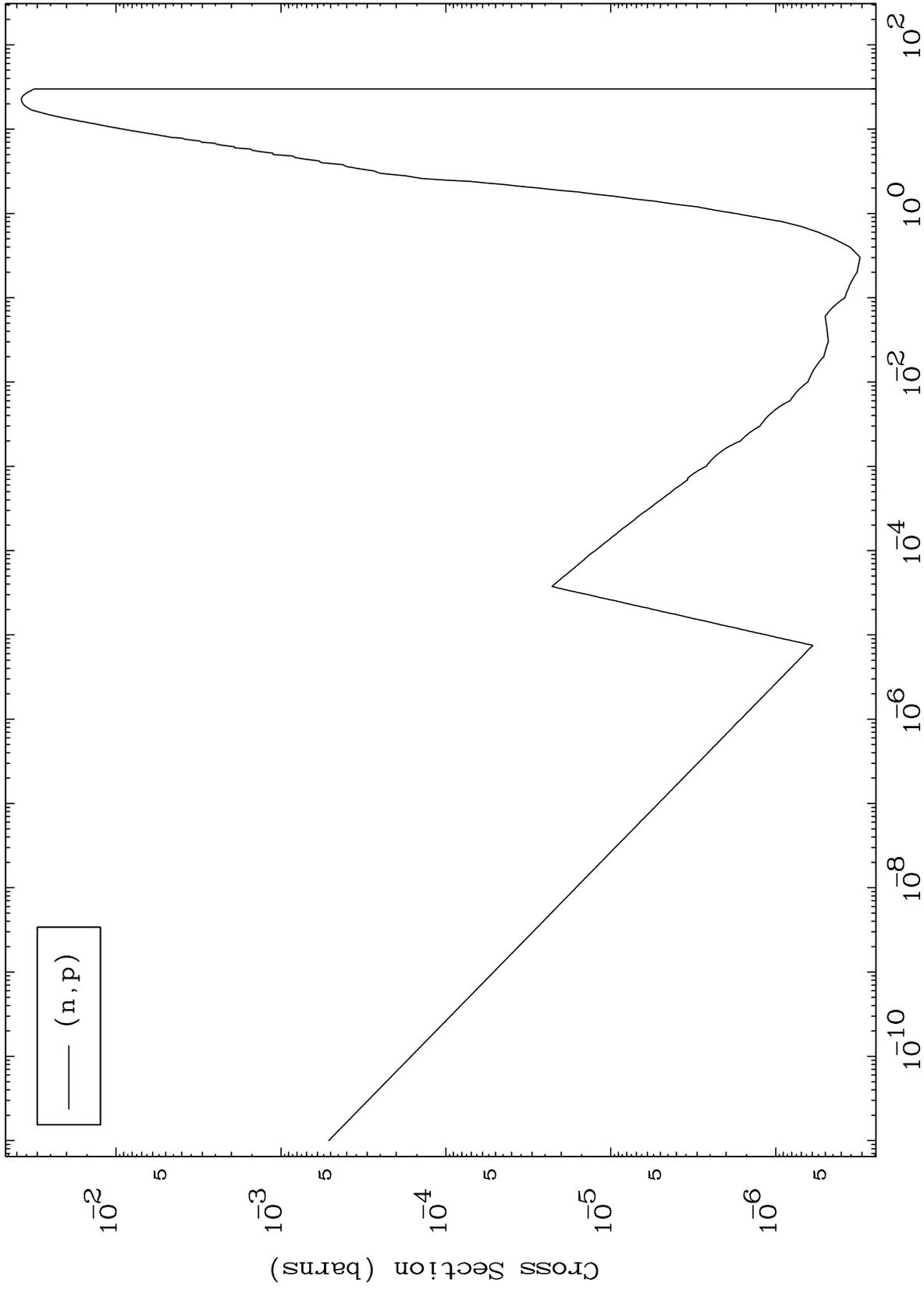
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MAT 8316

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-206



10

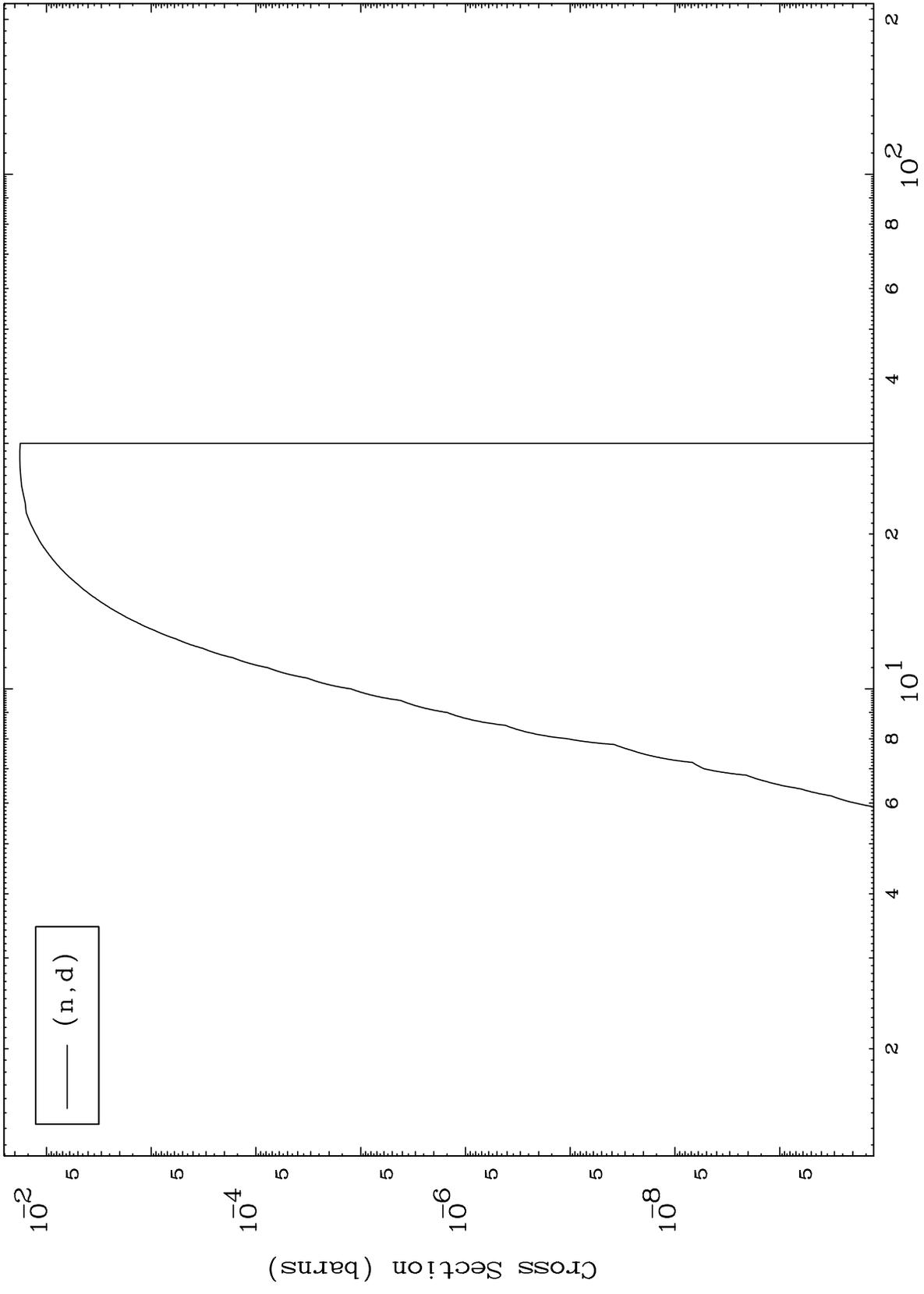
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83-Bi-206

MAT 8316

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-206



11

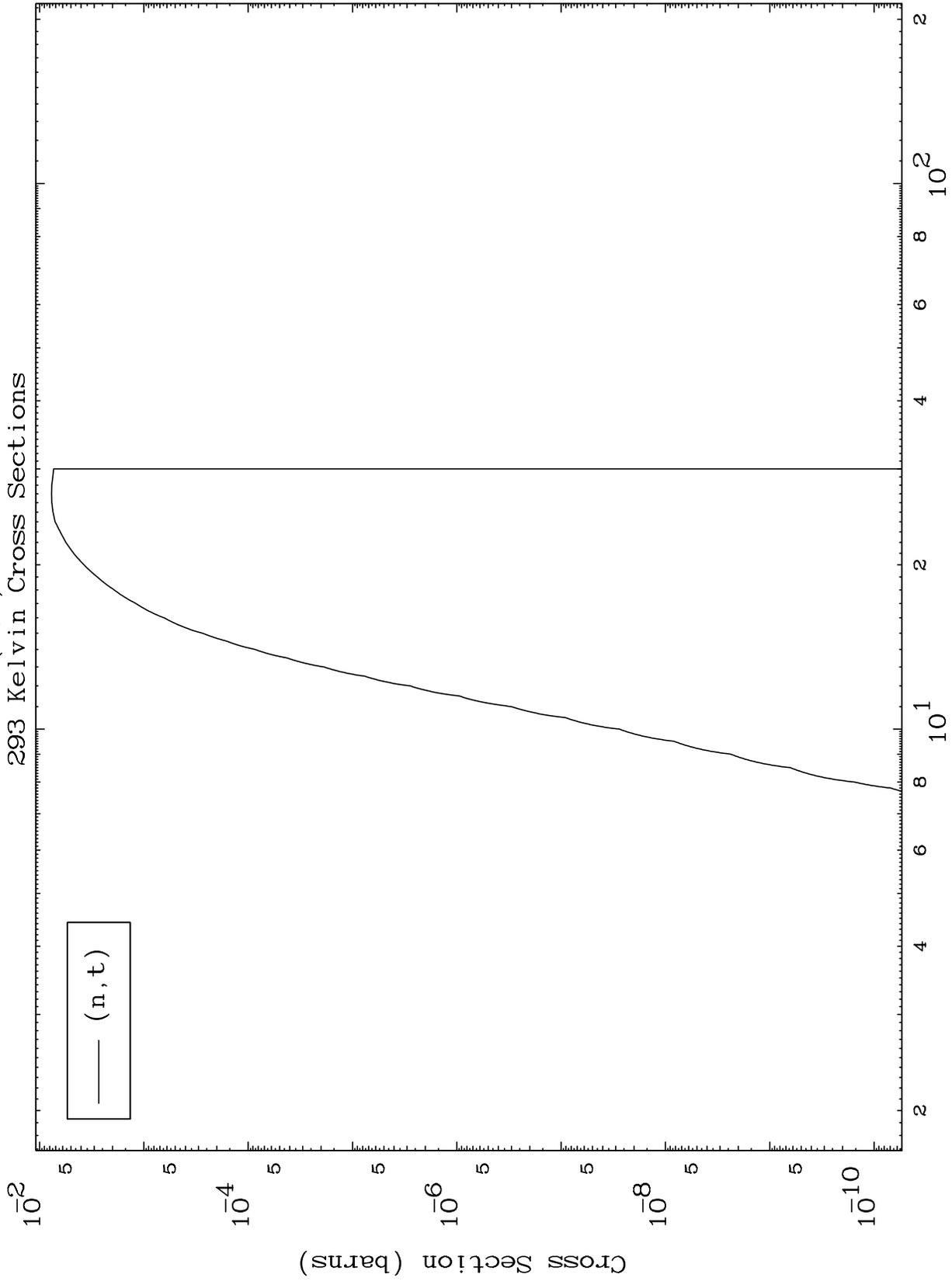
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(n,t) Levels
293 Kelvin Cross Sections

83-Bi-206



12

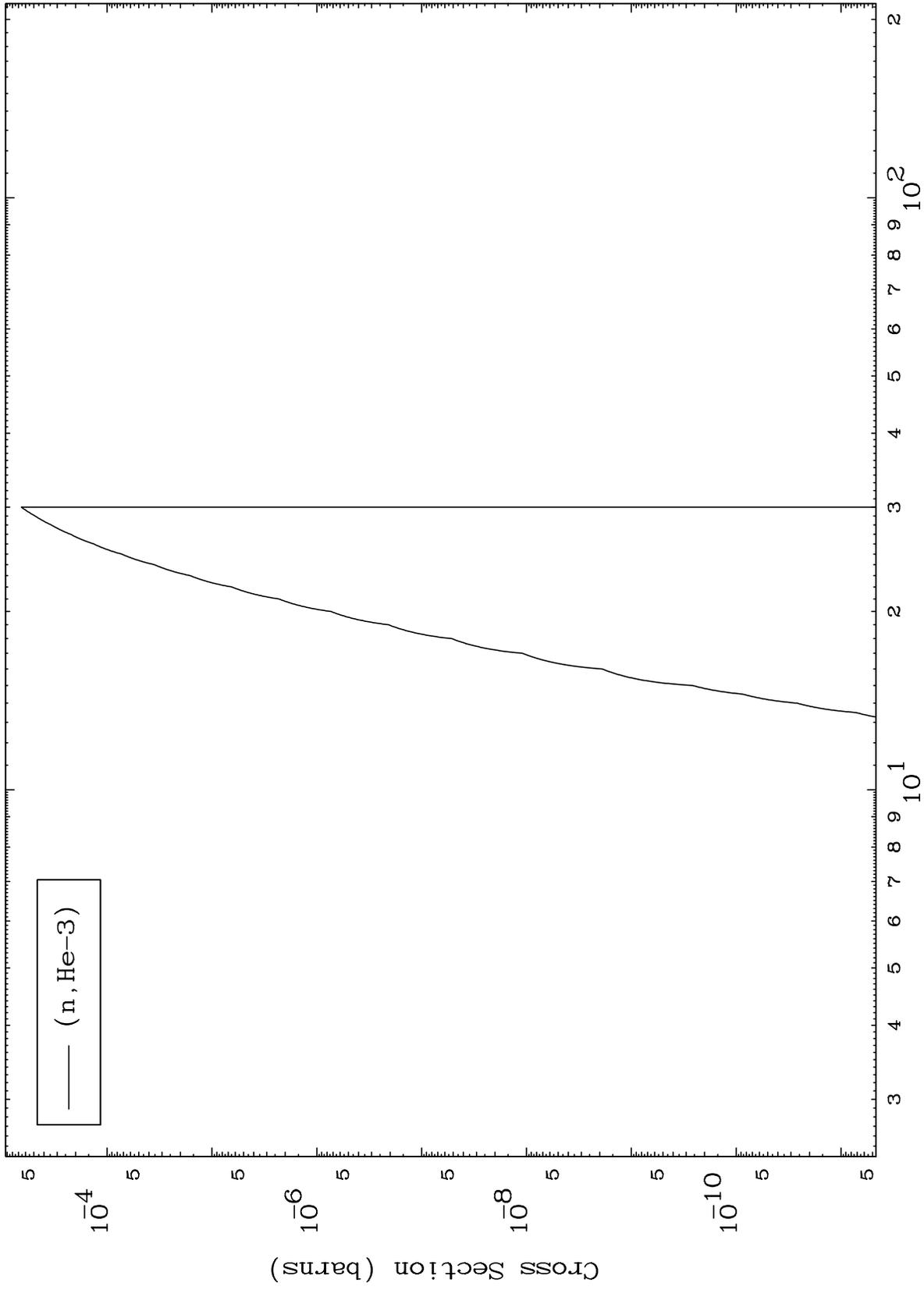
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MAT 8316

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-206



13

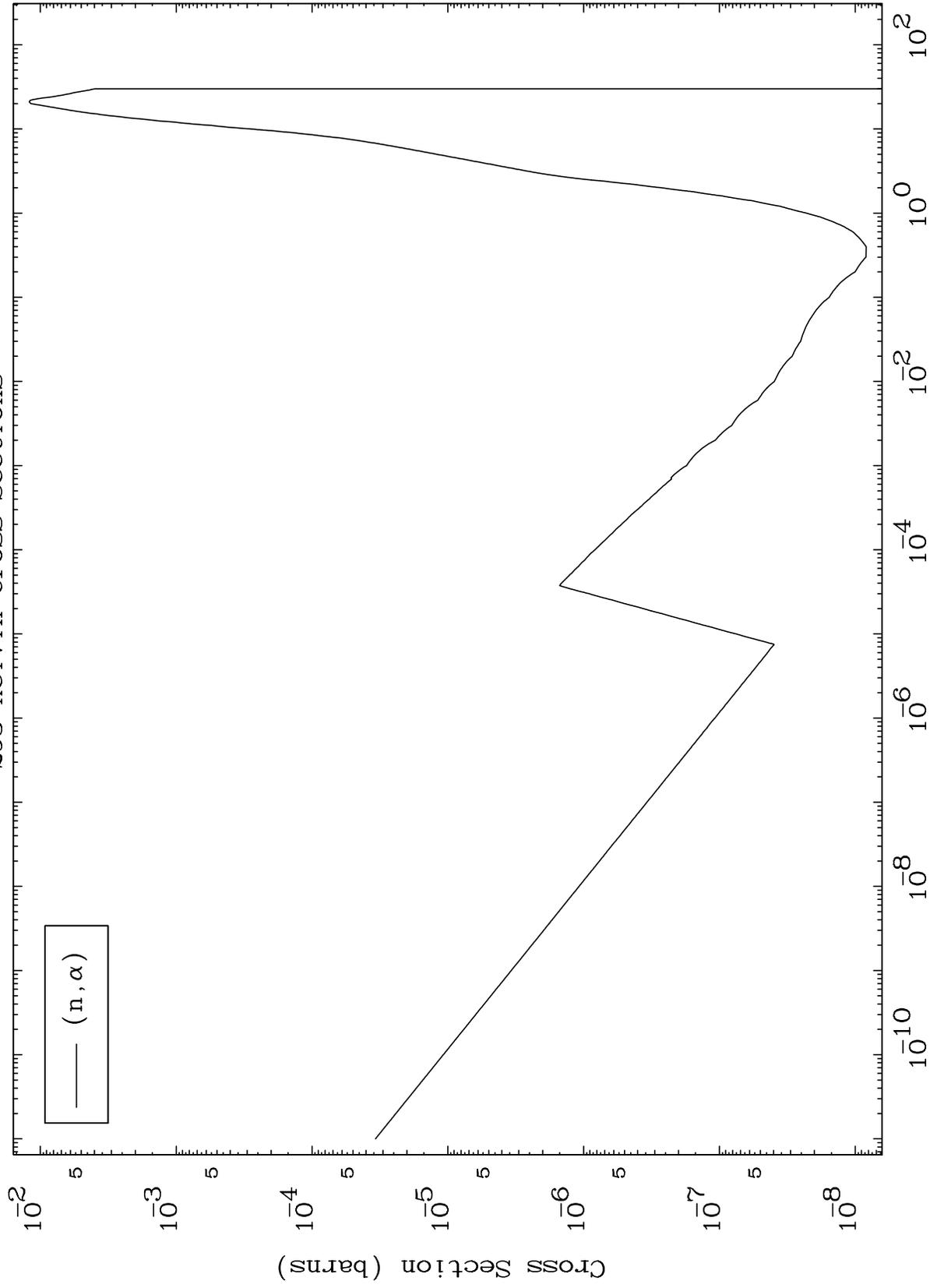
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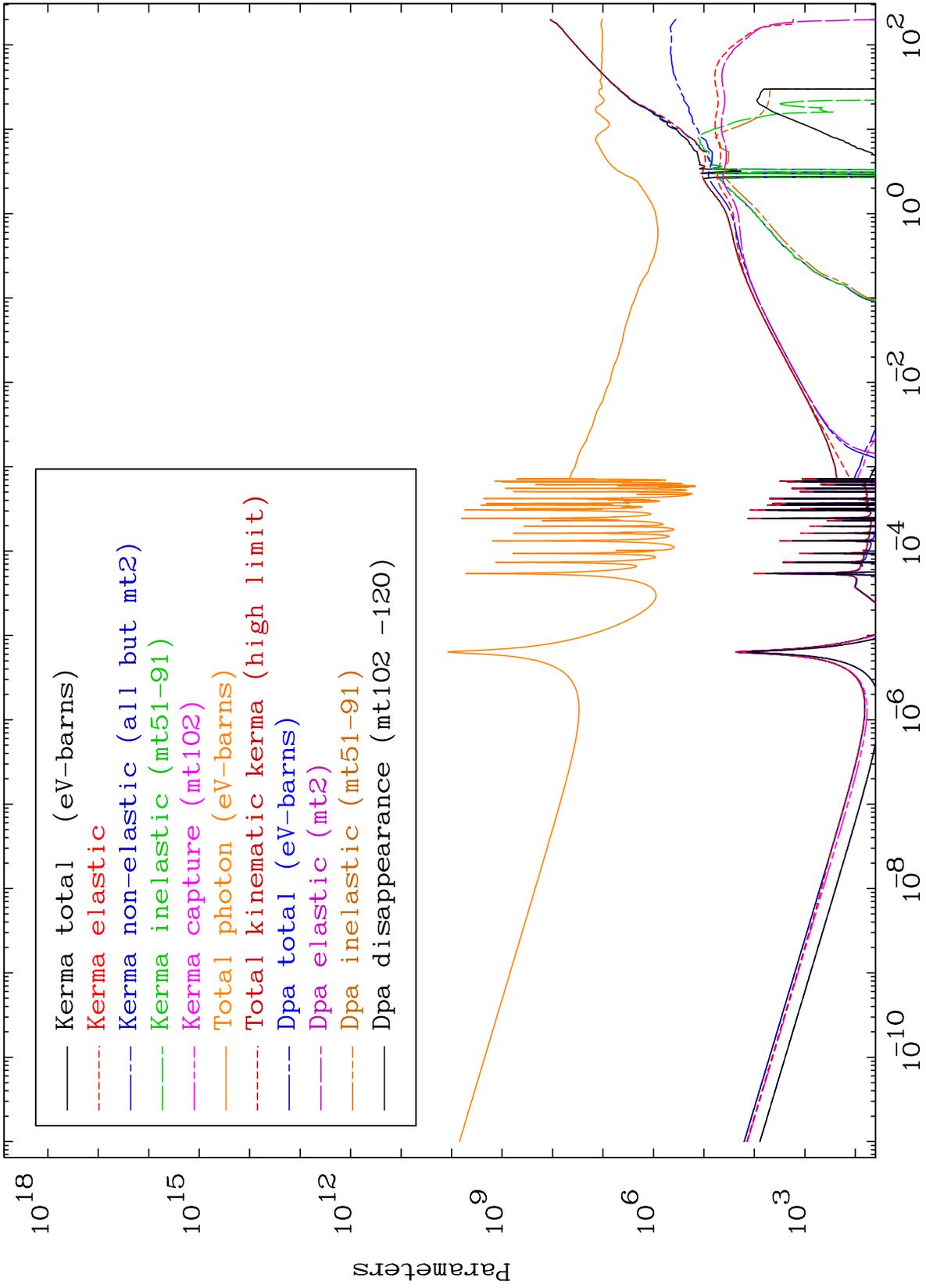
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MAT 8316

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-206

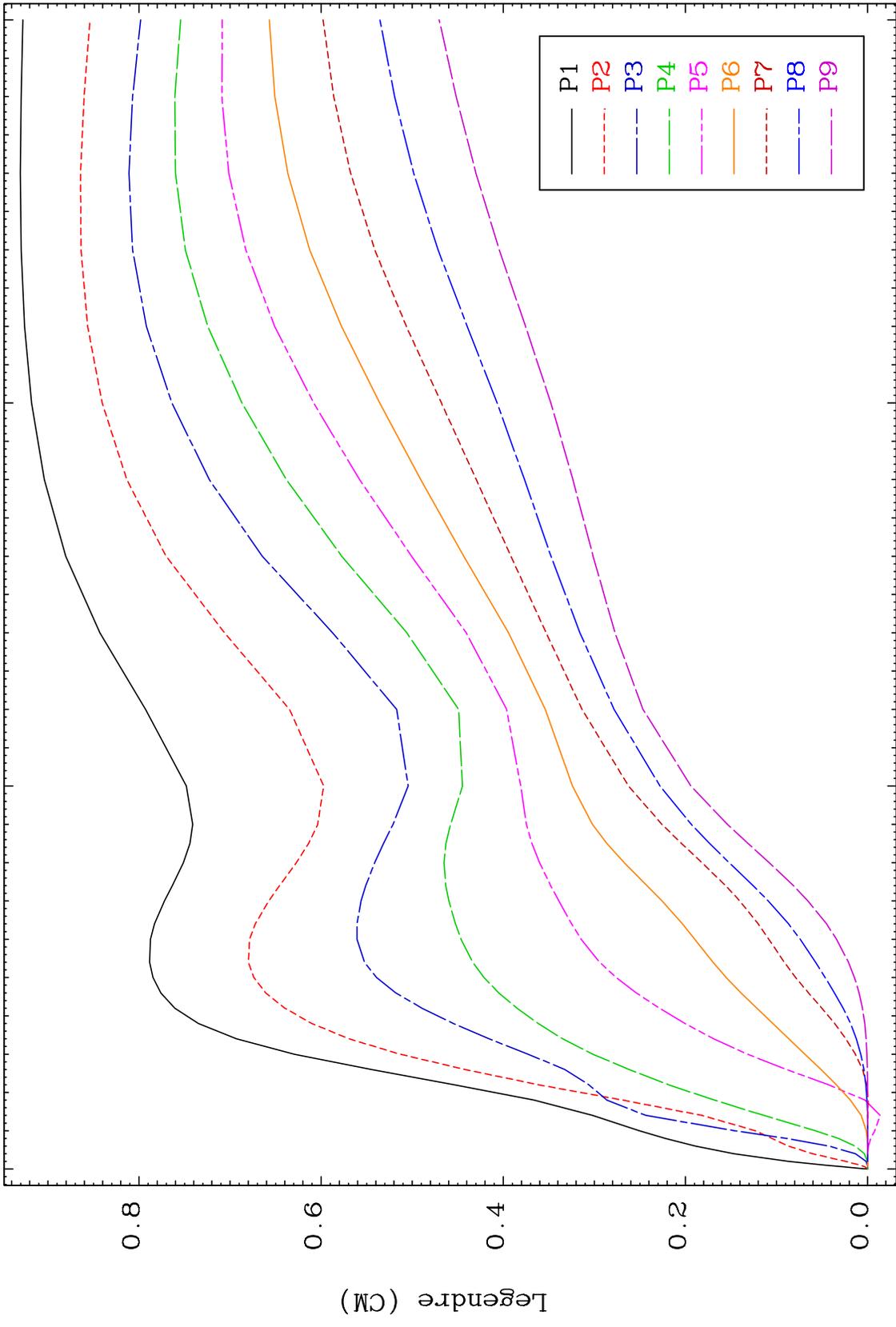




MAT 8316

83-Bi-206

Elastic Legendre Coefficients



83-Bi-206

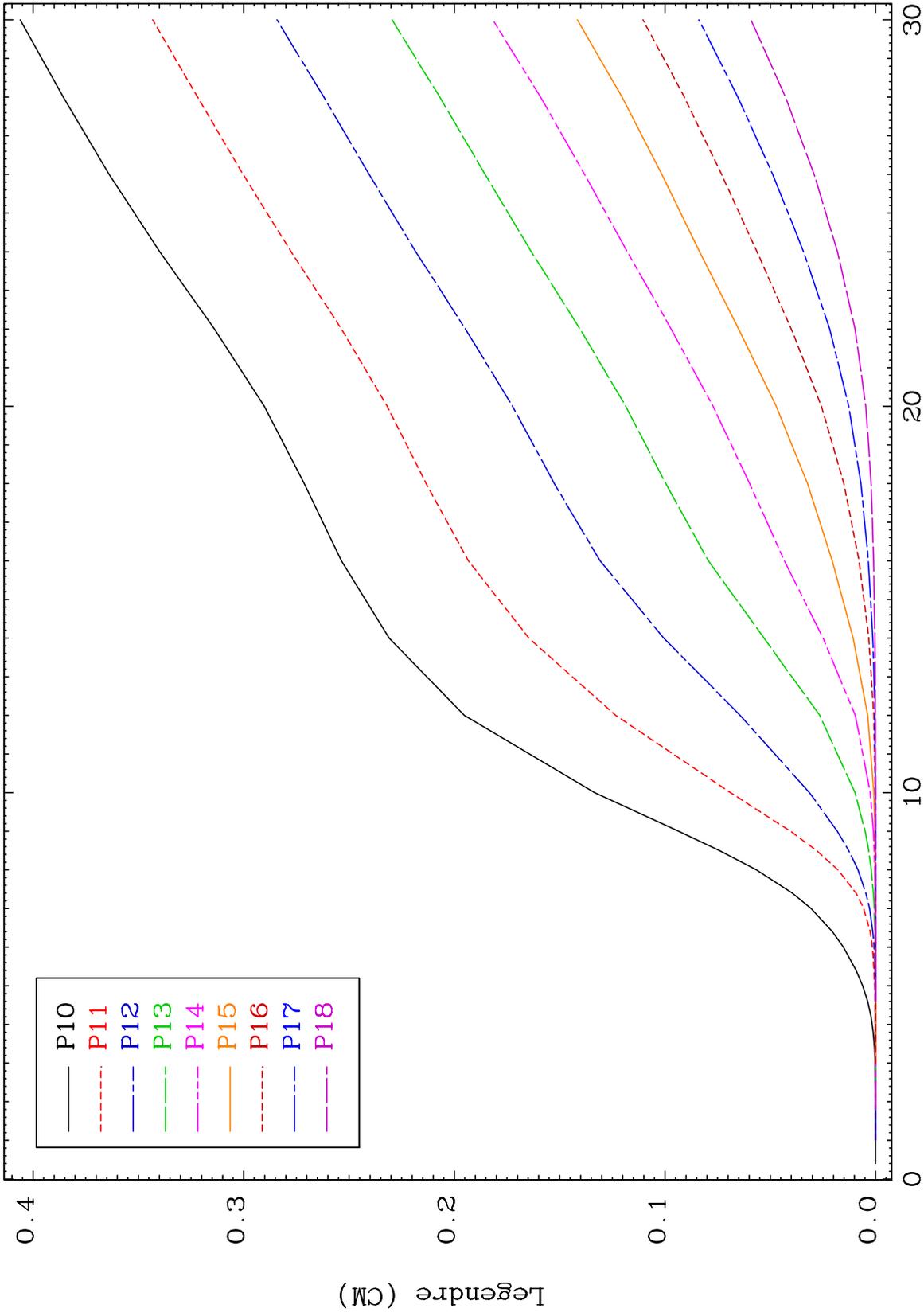
Incident Energy (MeV)

16

MAT 8316

Elastic Legendre Coefficients

83-Bi-206



17

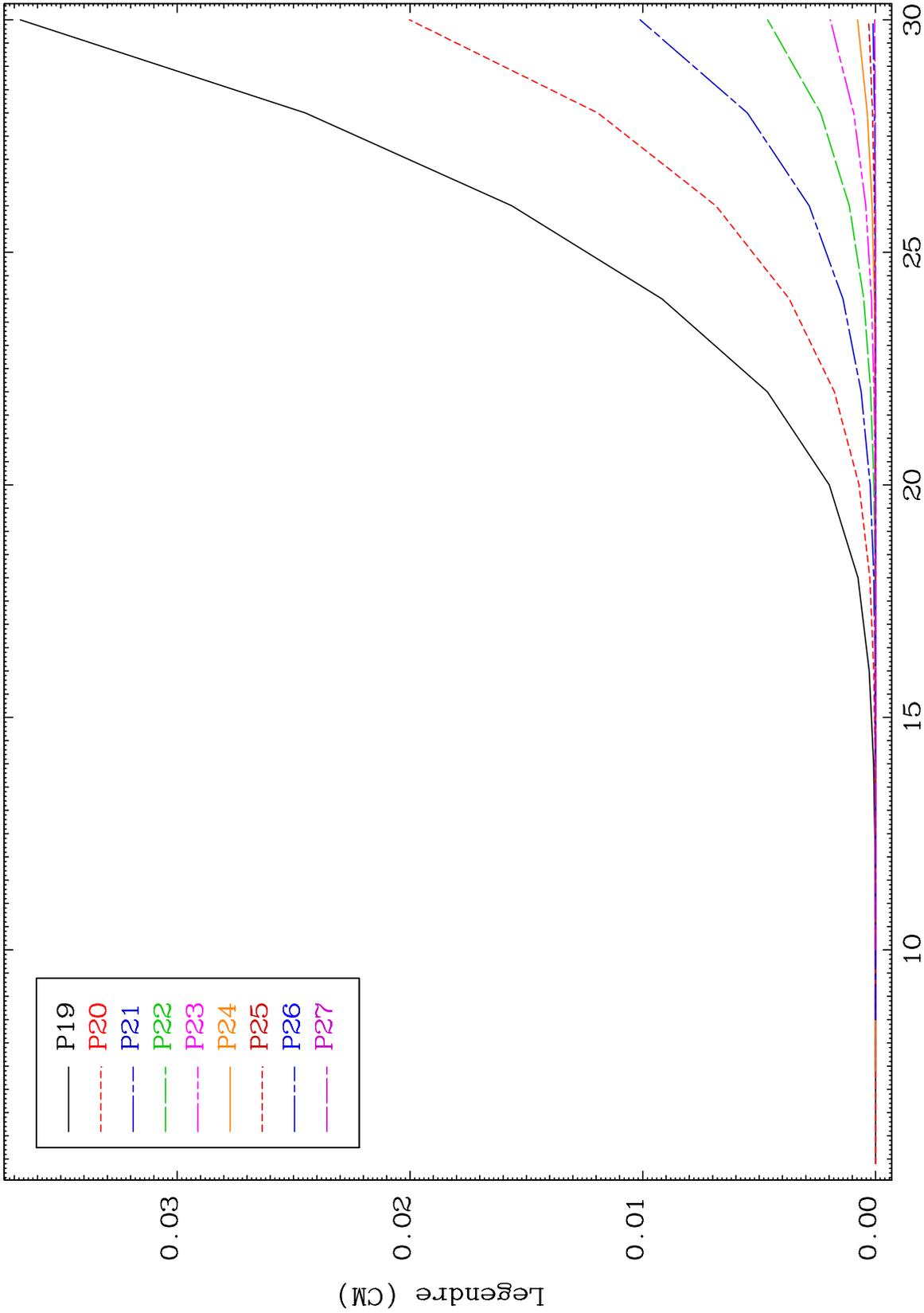
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83-Bi-206

MAT 8316

Elastic Legendre Coefficients

83-Bi-206



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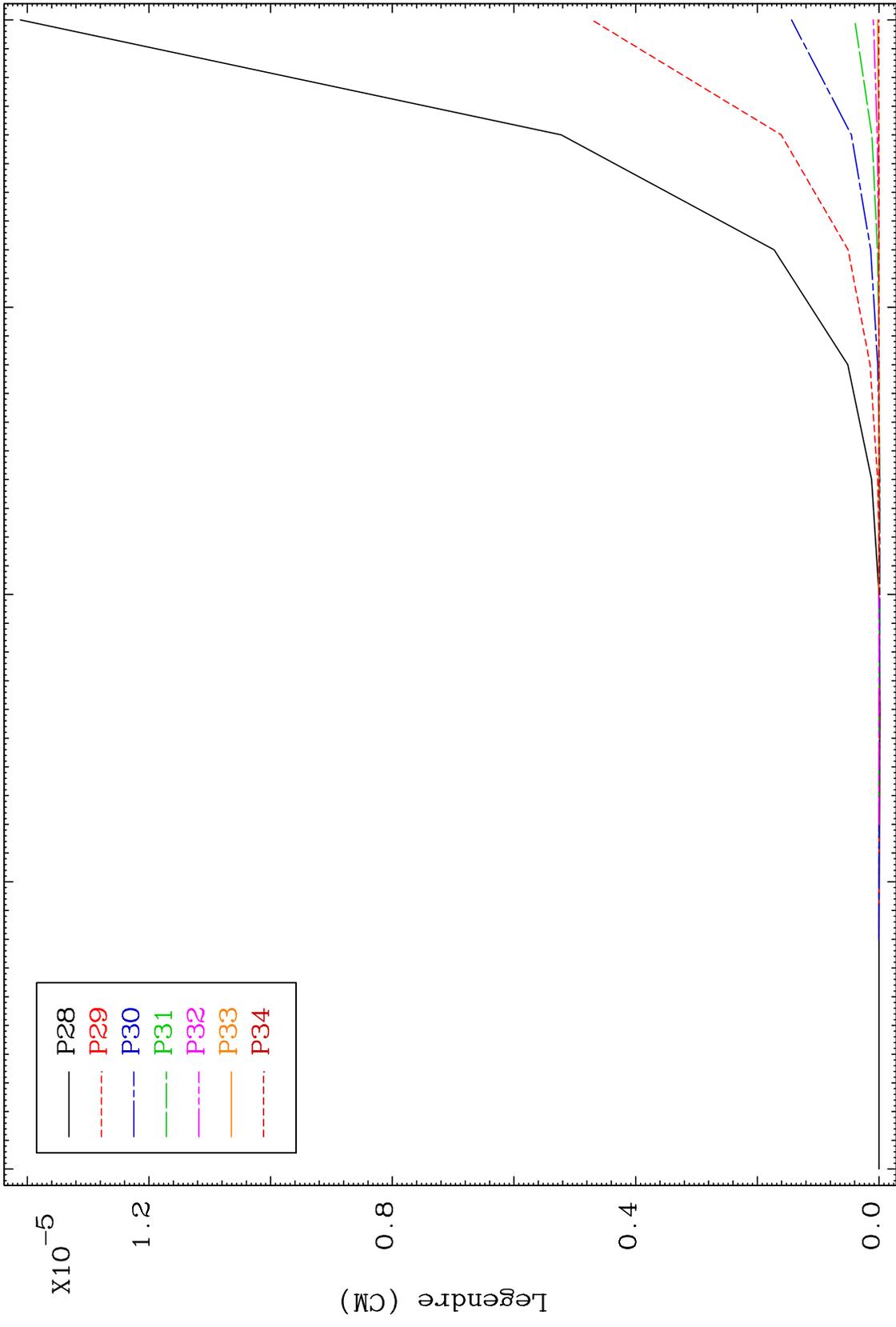
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83-Bi-206

MAT 8316

Elastic Legendre Coefficients

83-Bi-206



19

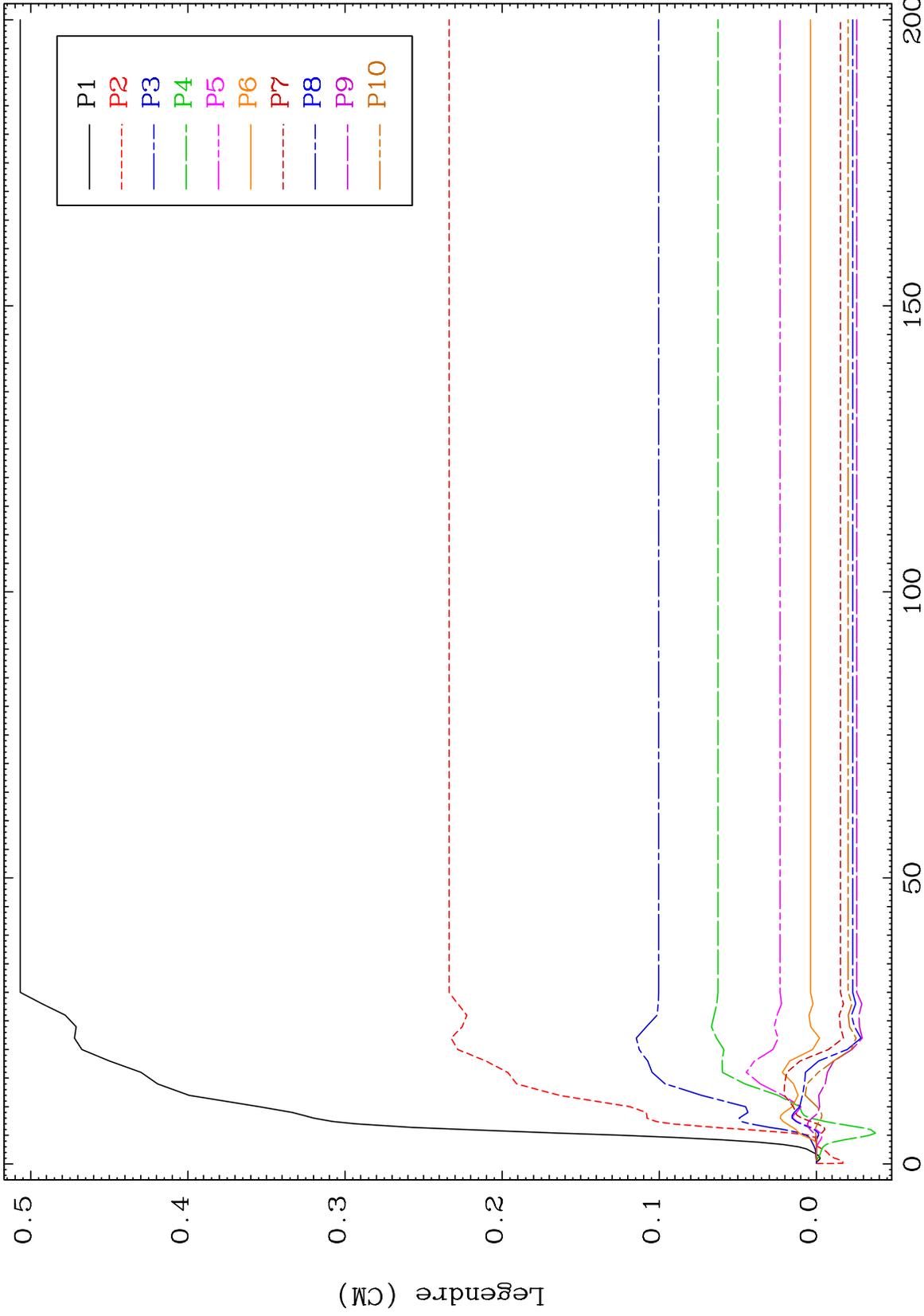
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206

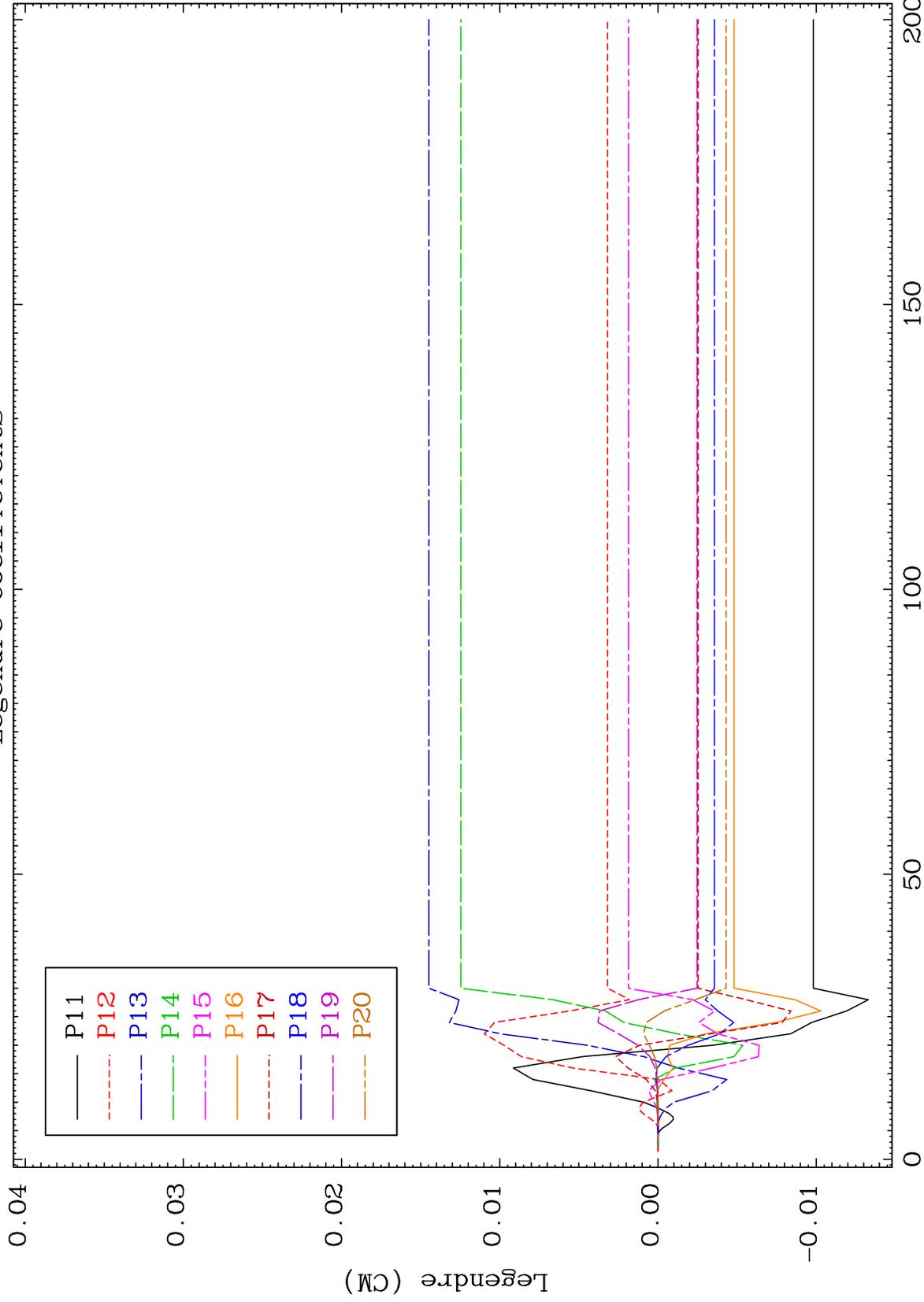


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MAT 8316

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

83-Bi-206



21

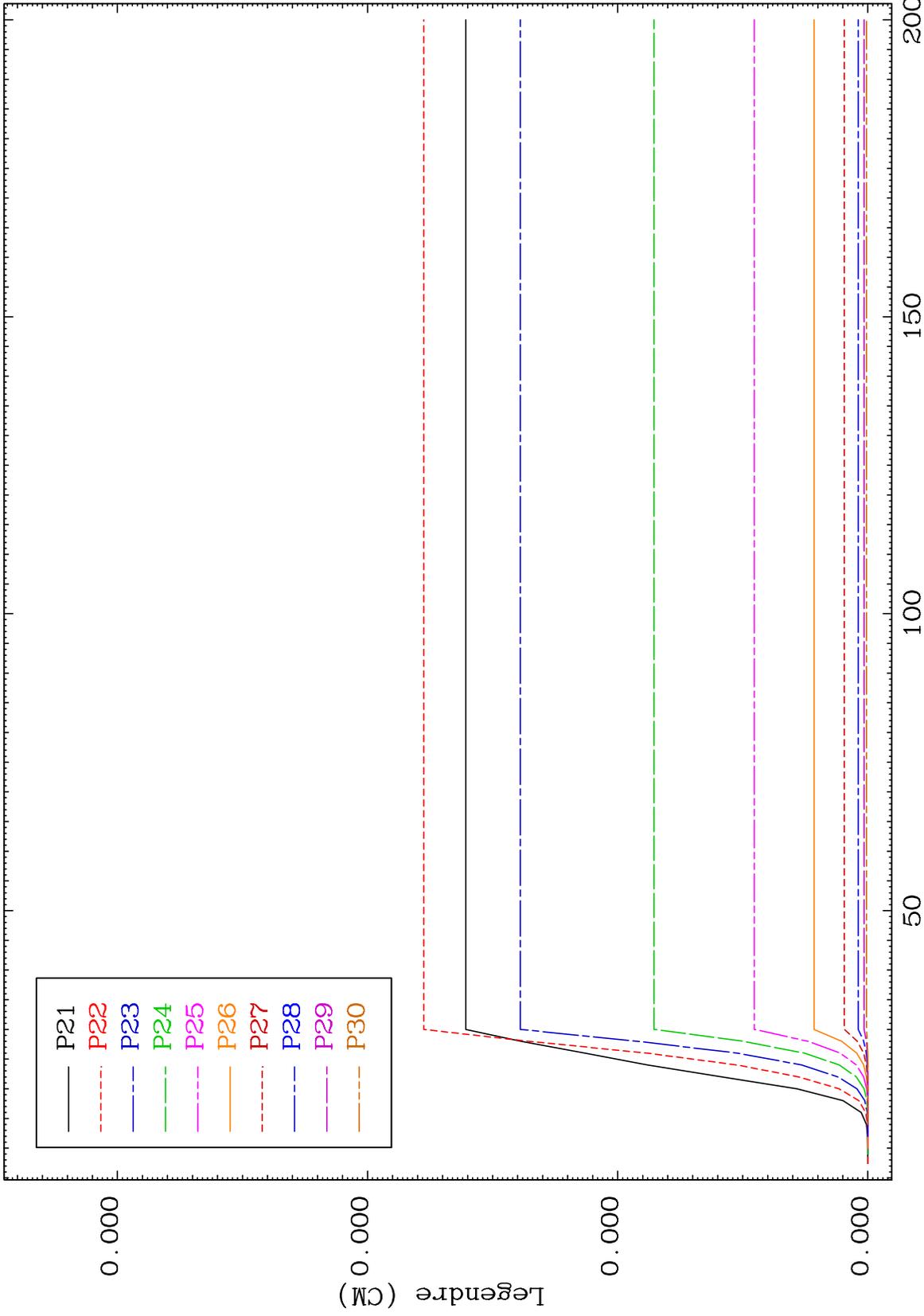
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



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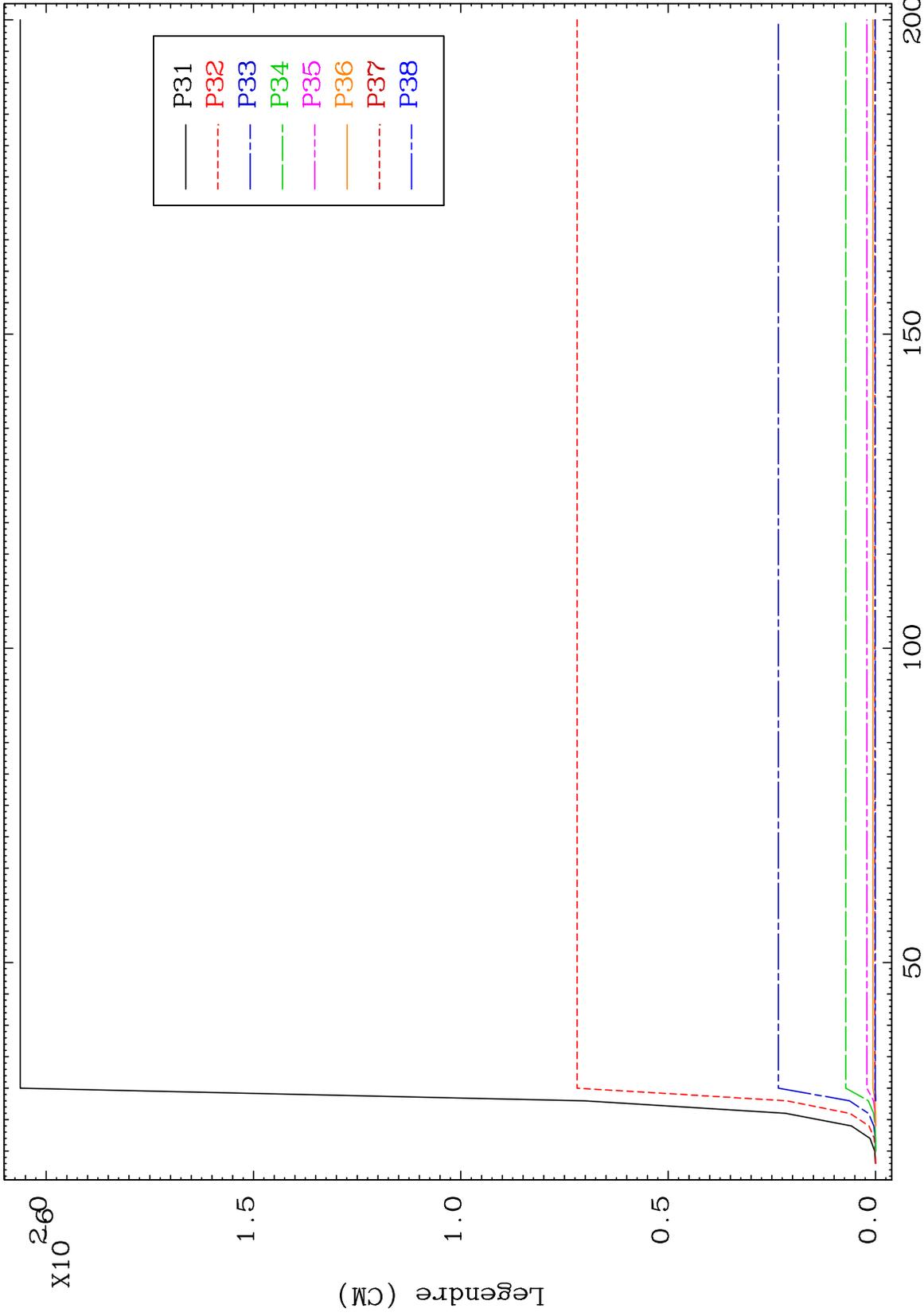
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



23

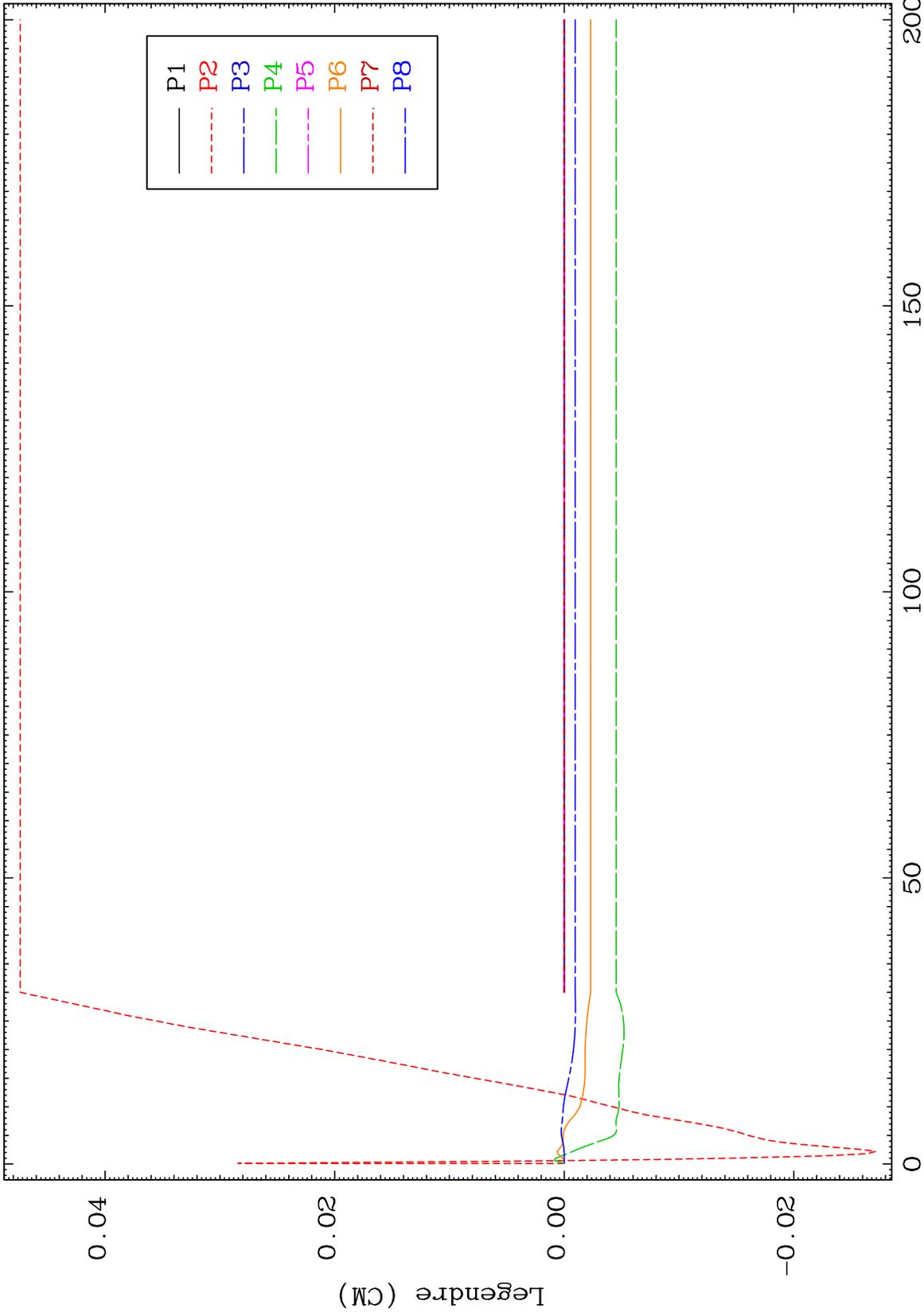
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



24

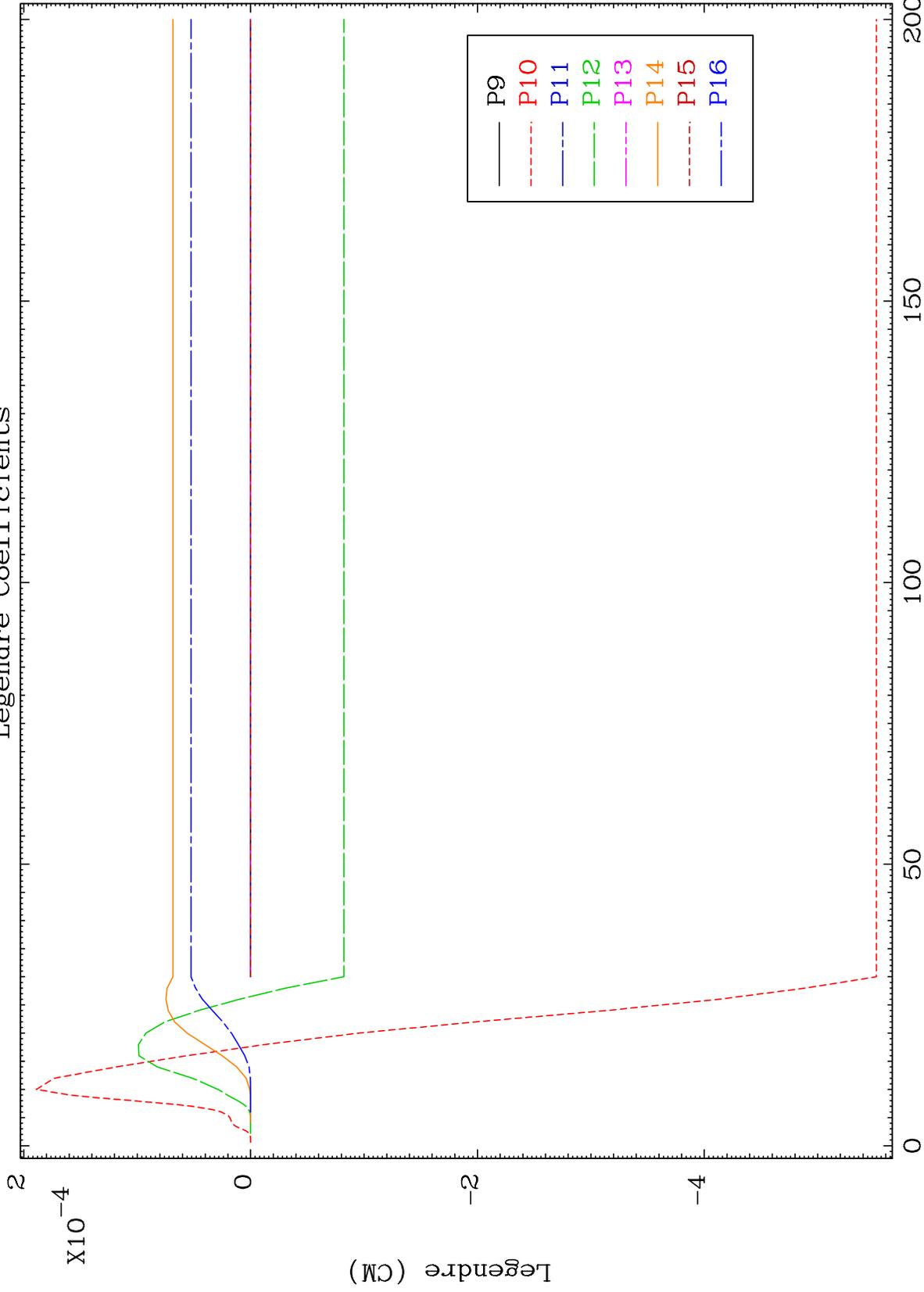
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MAT 8316

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

83-Bi-206



25

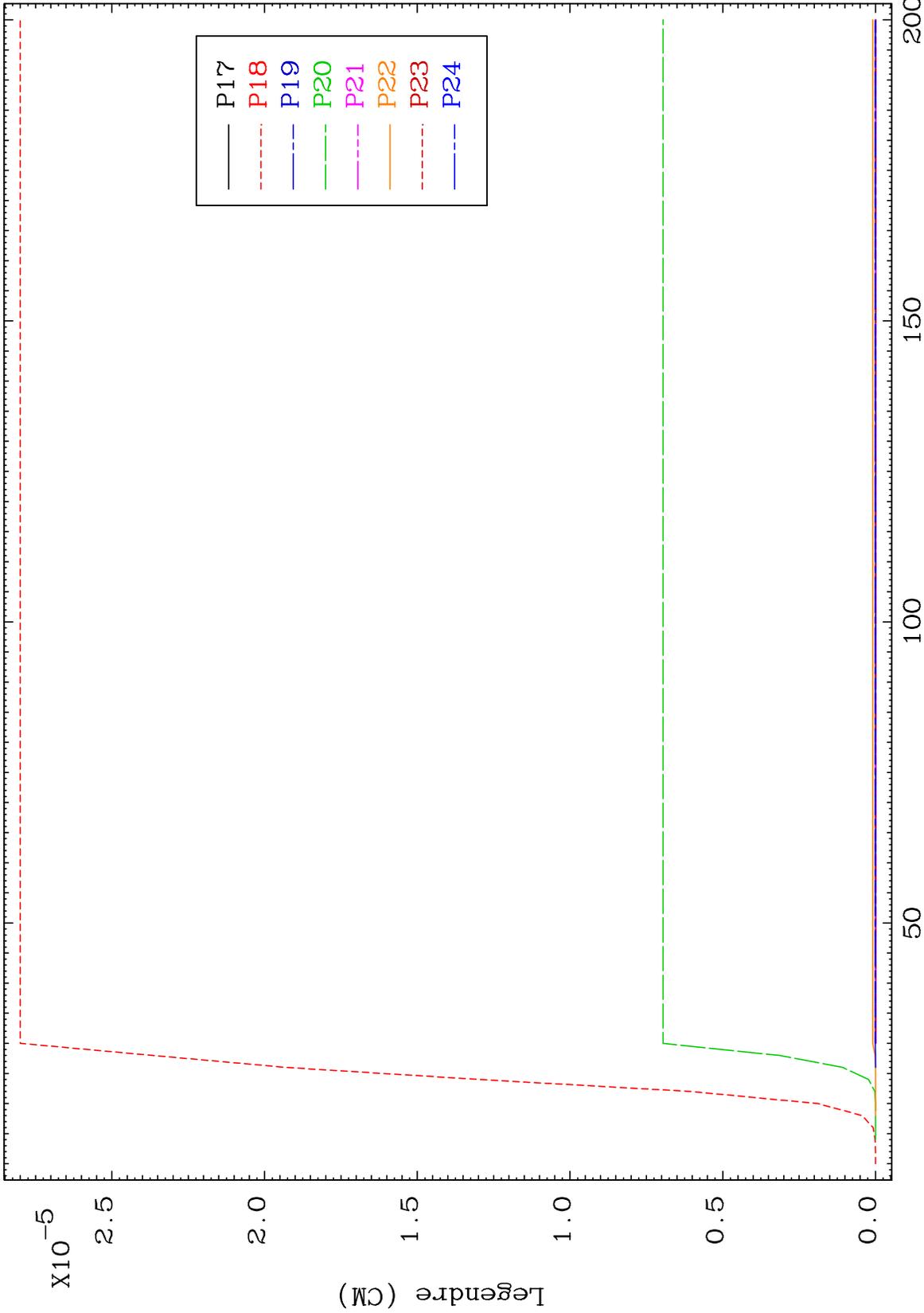
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



26

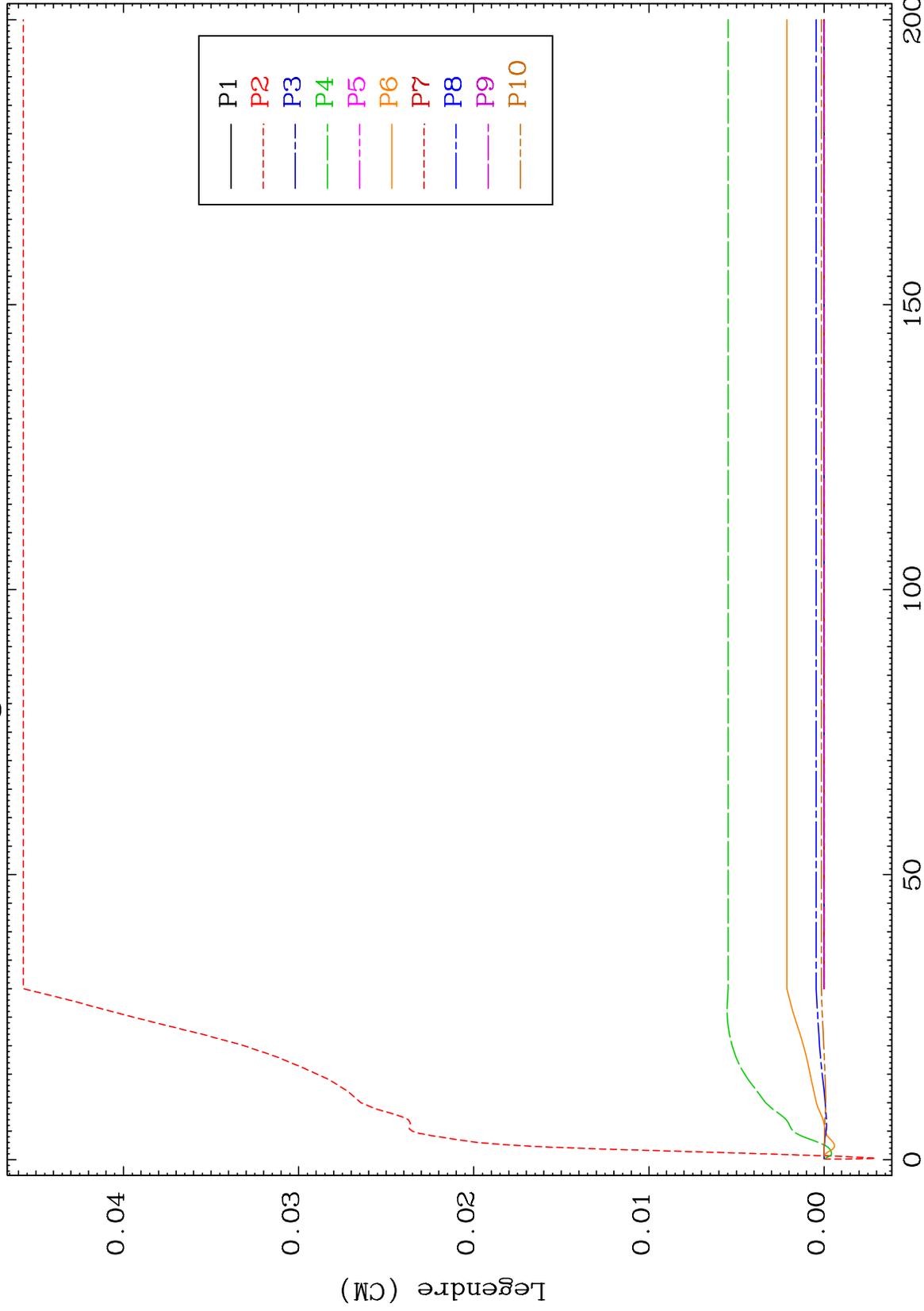
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



27

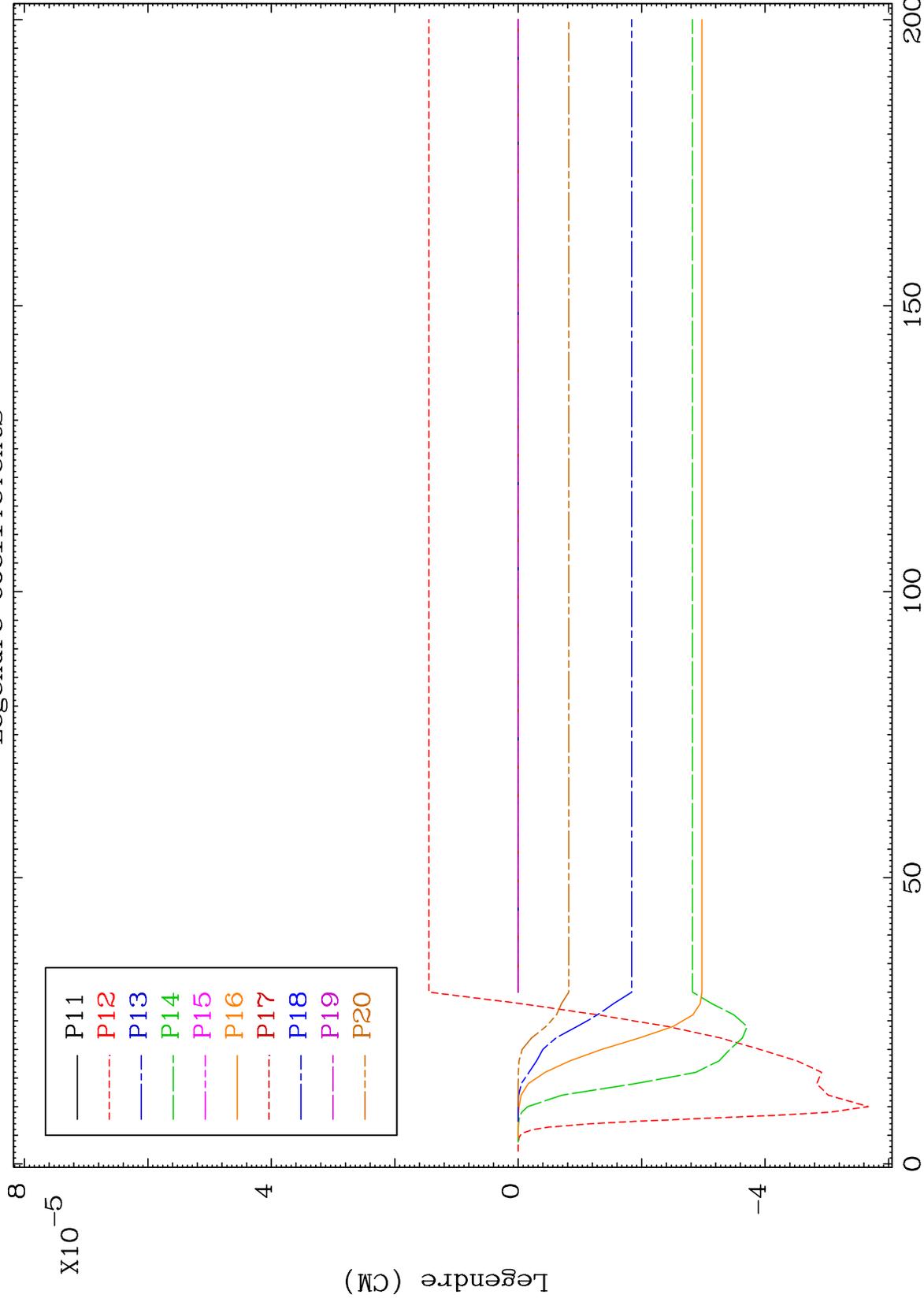
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



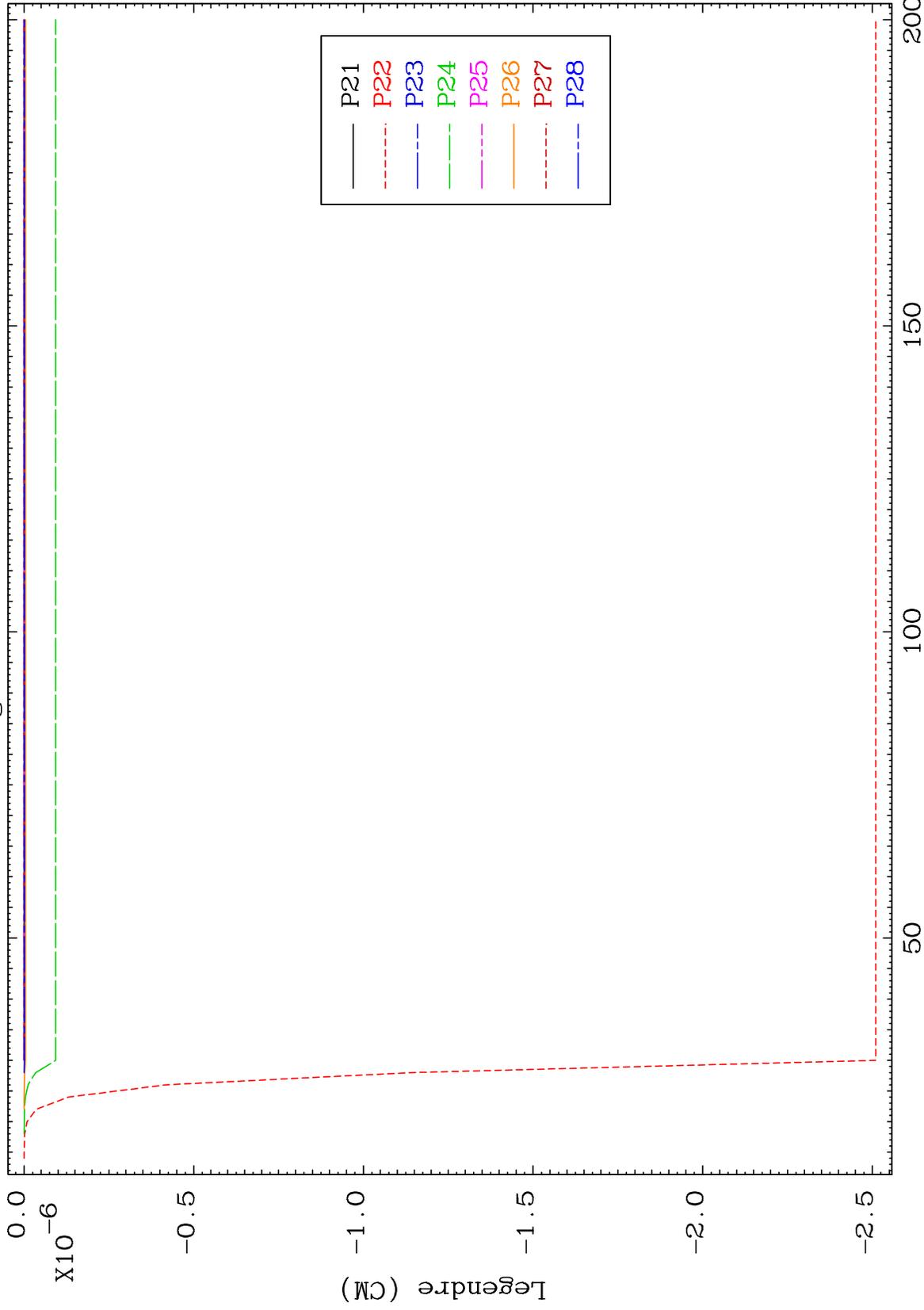
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MAT 8316

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

83-Bi-206



29

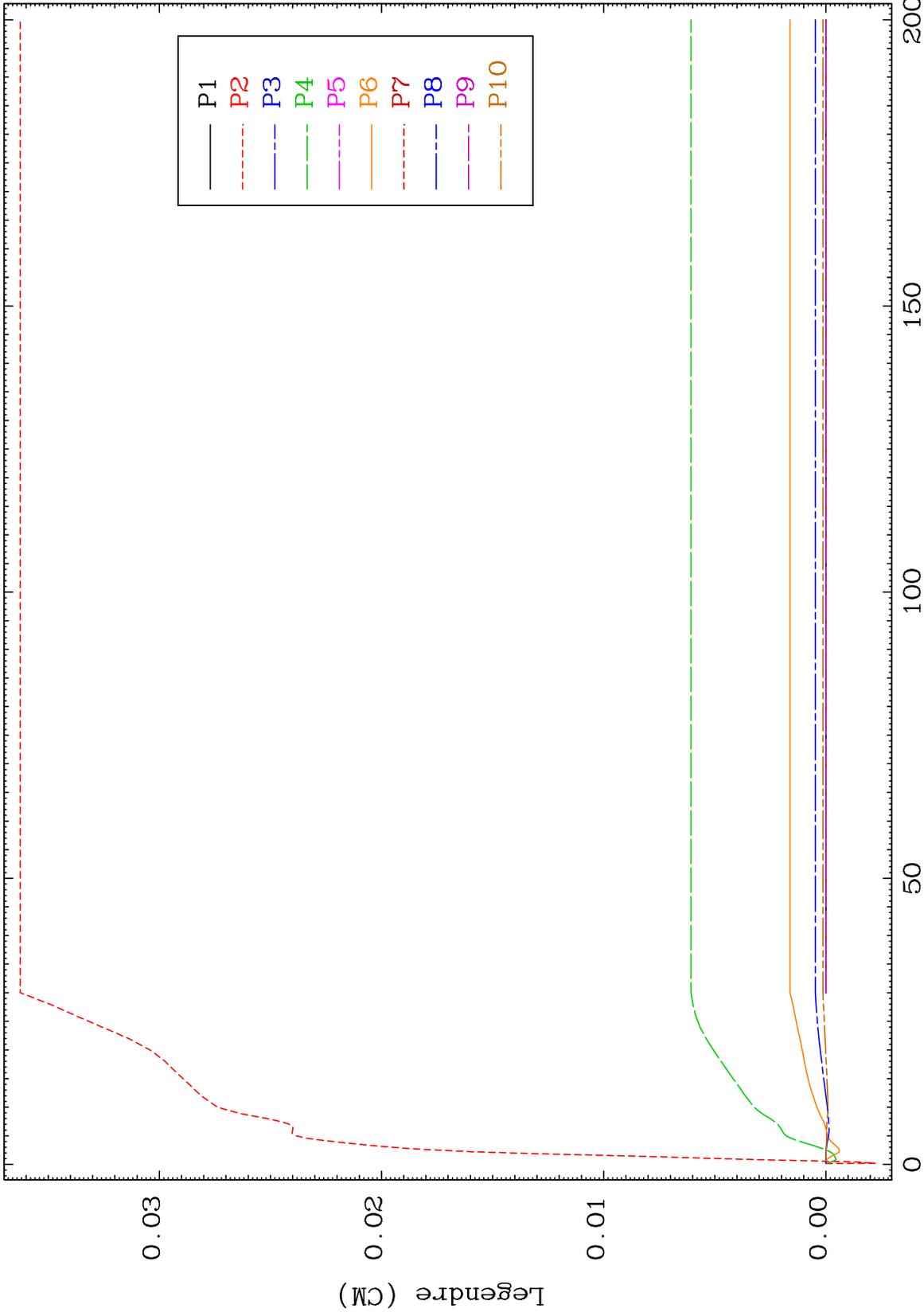
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



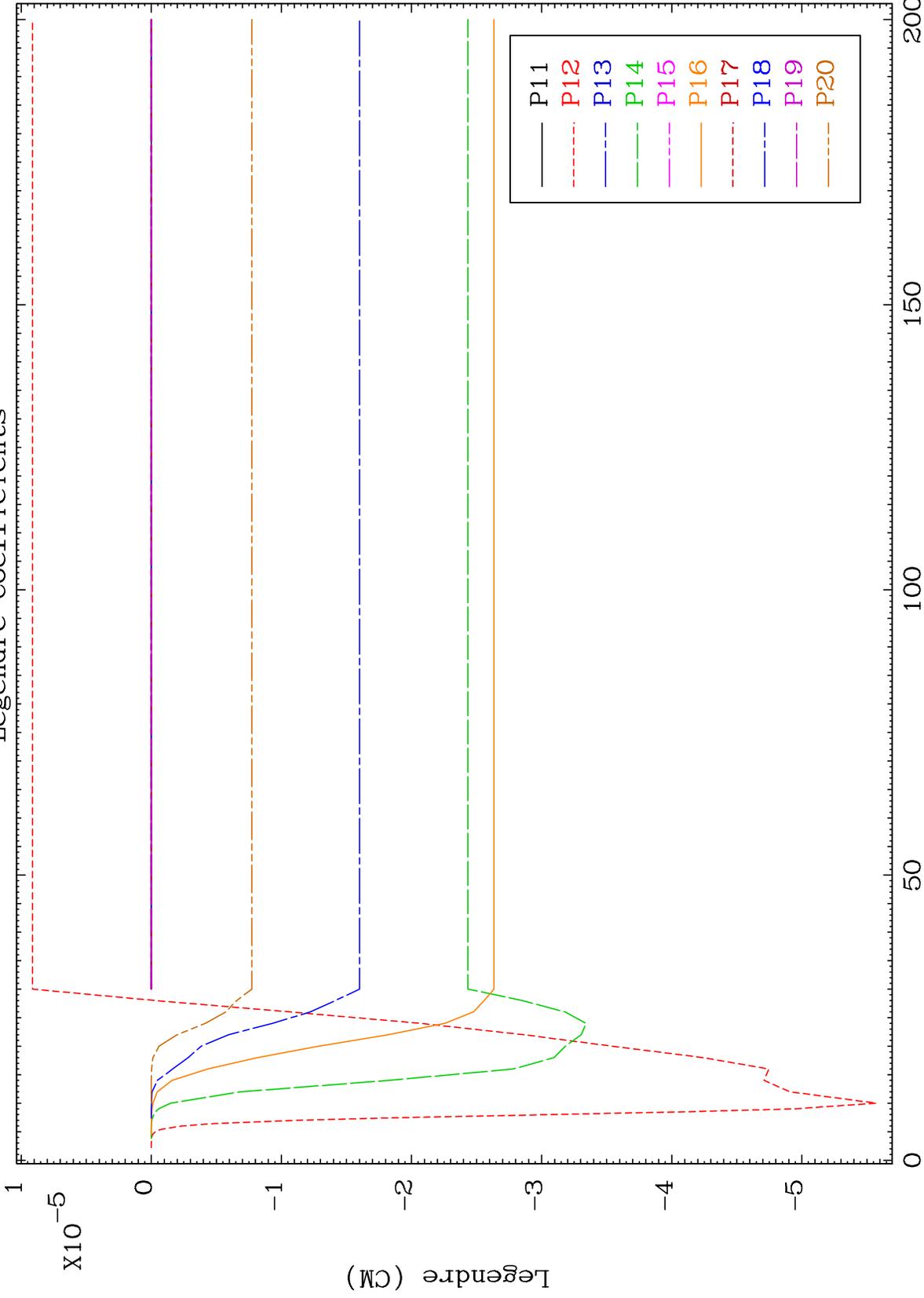
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Incident Energy (MeV)

MAT 8316

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

83-Bi-206



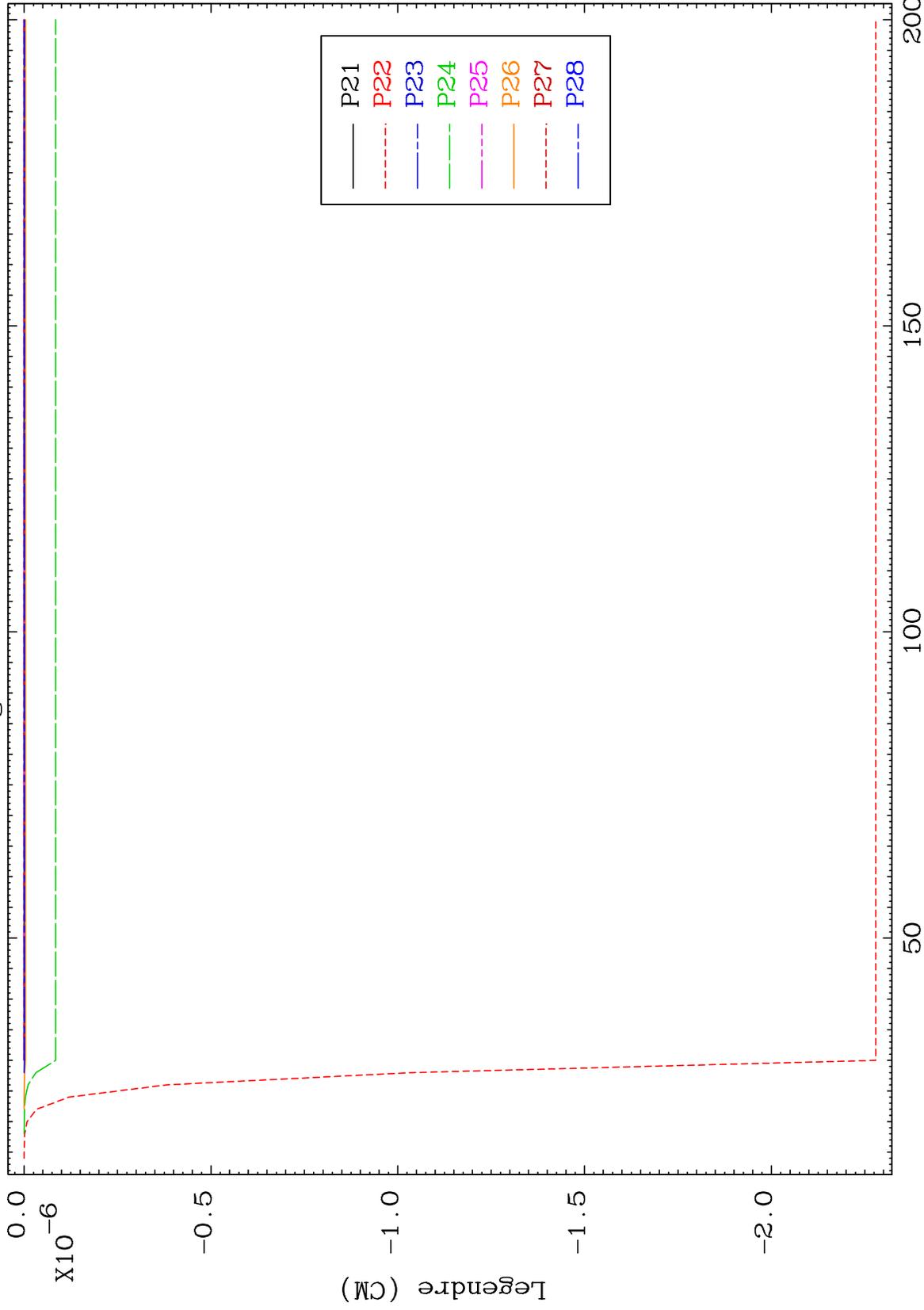
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83-Bi-206

MAT 8316

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

83-Bi-206



32

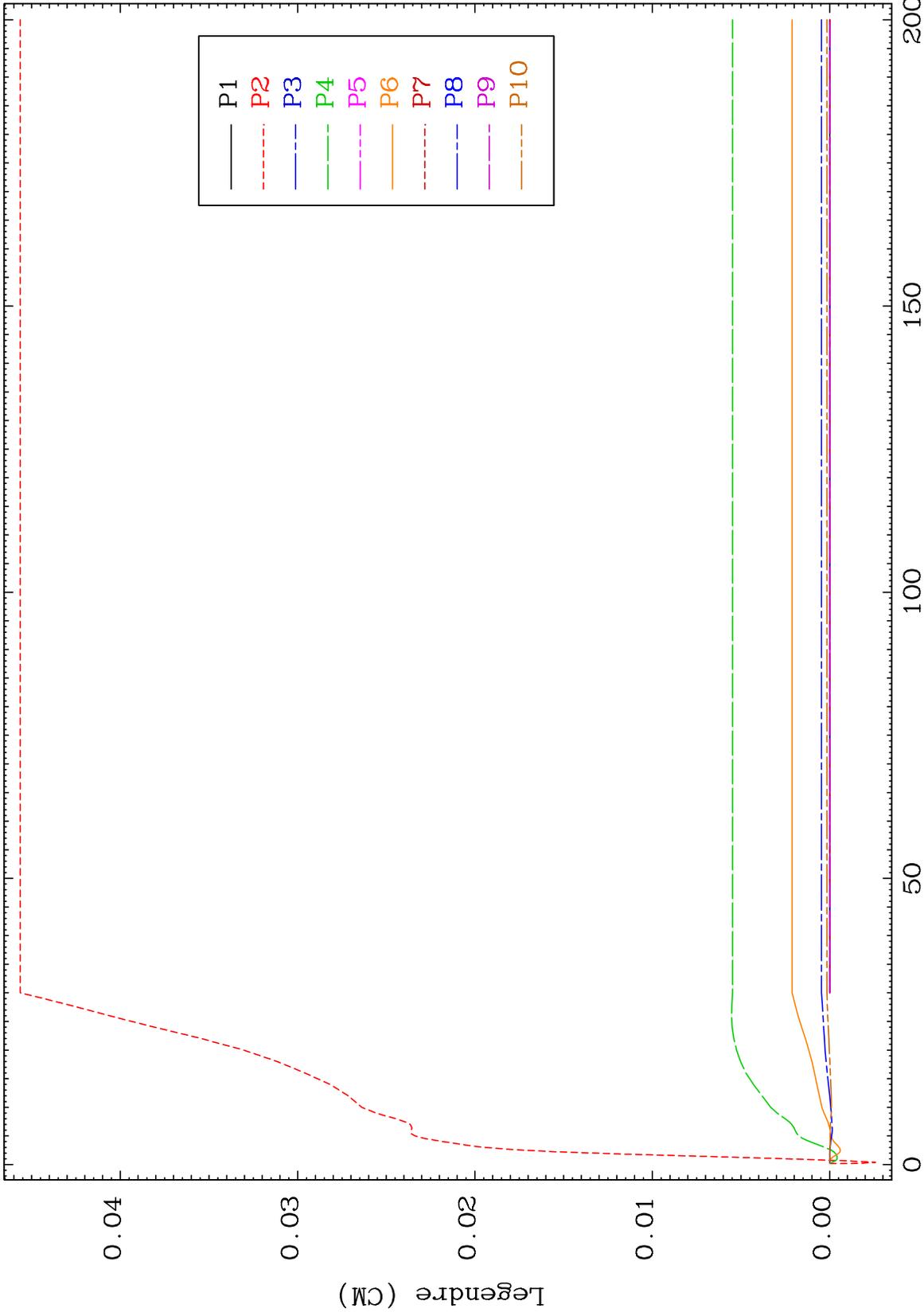
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



33

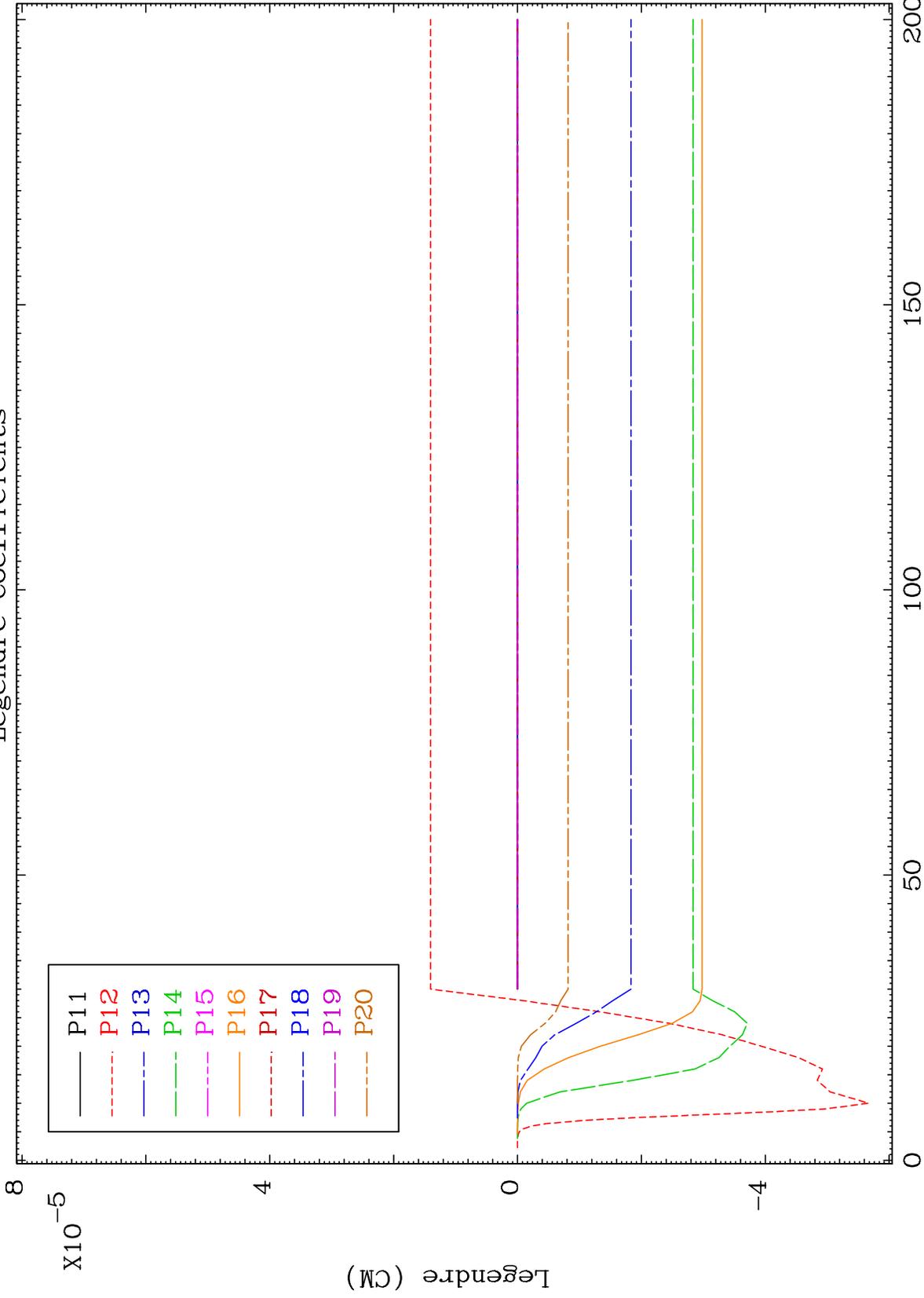
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



34

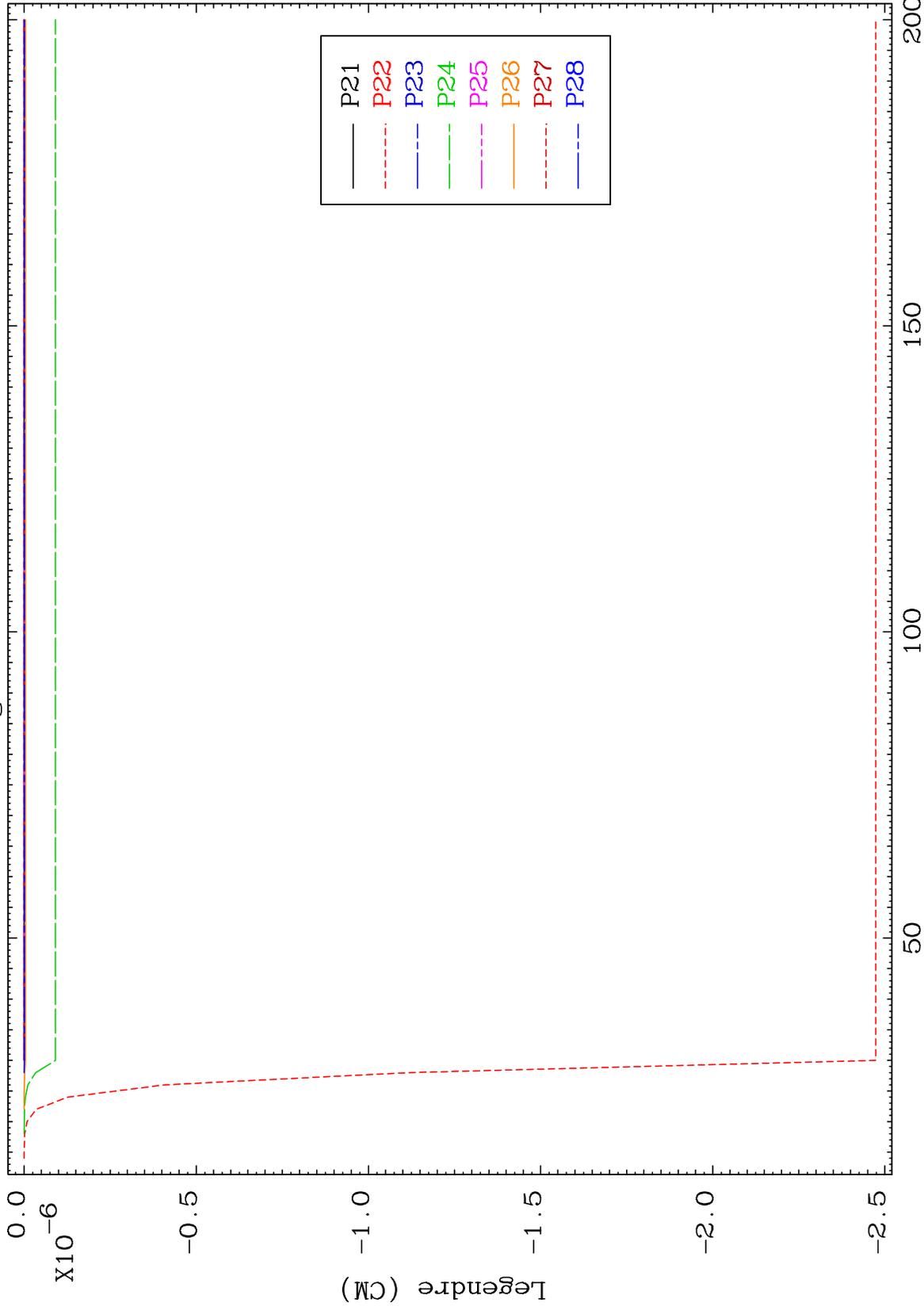
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



35

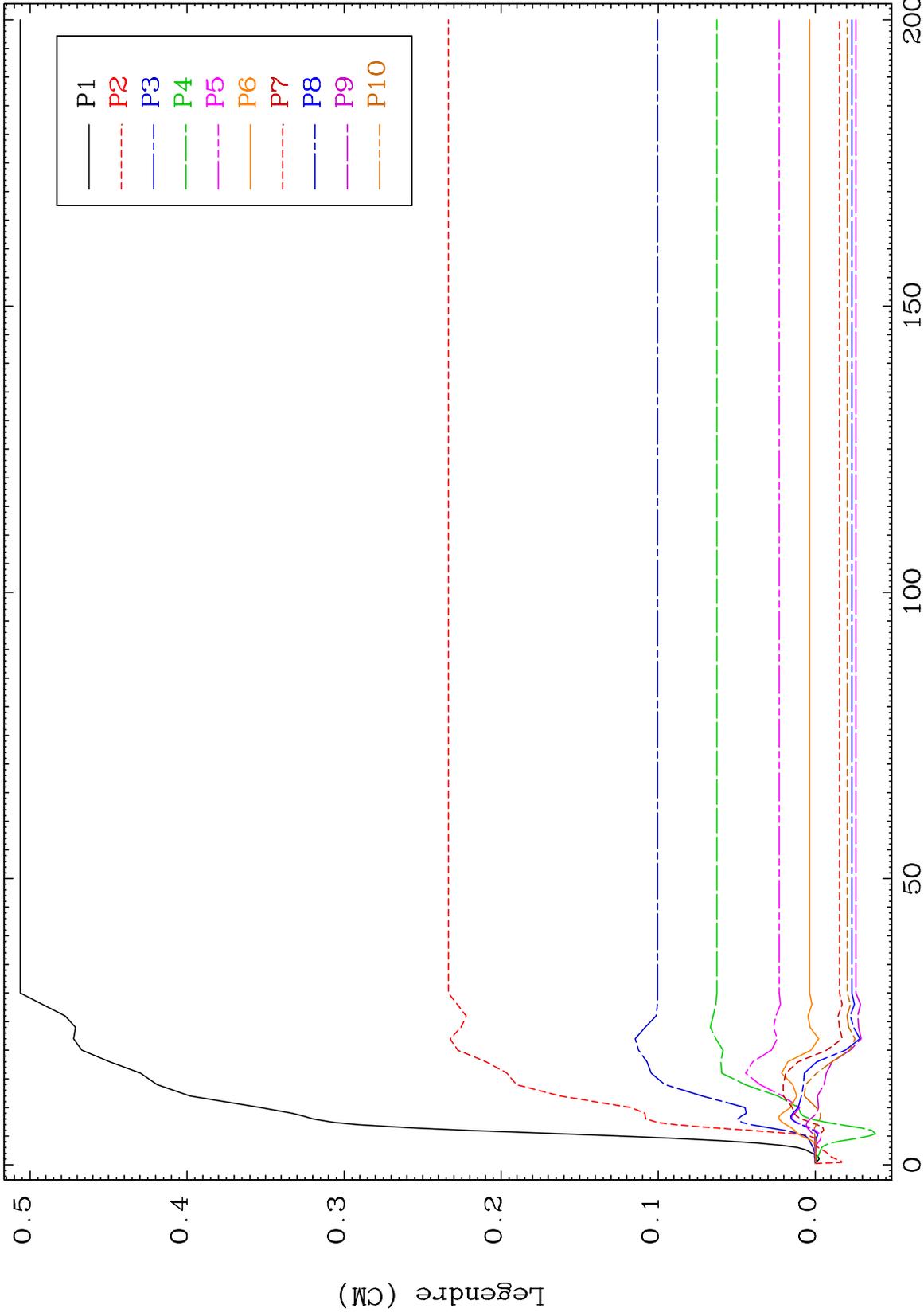
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



36

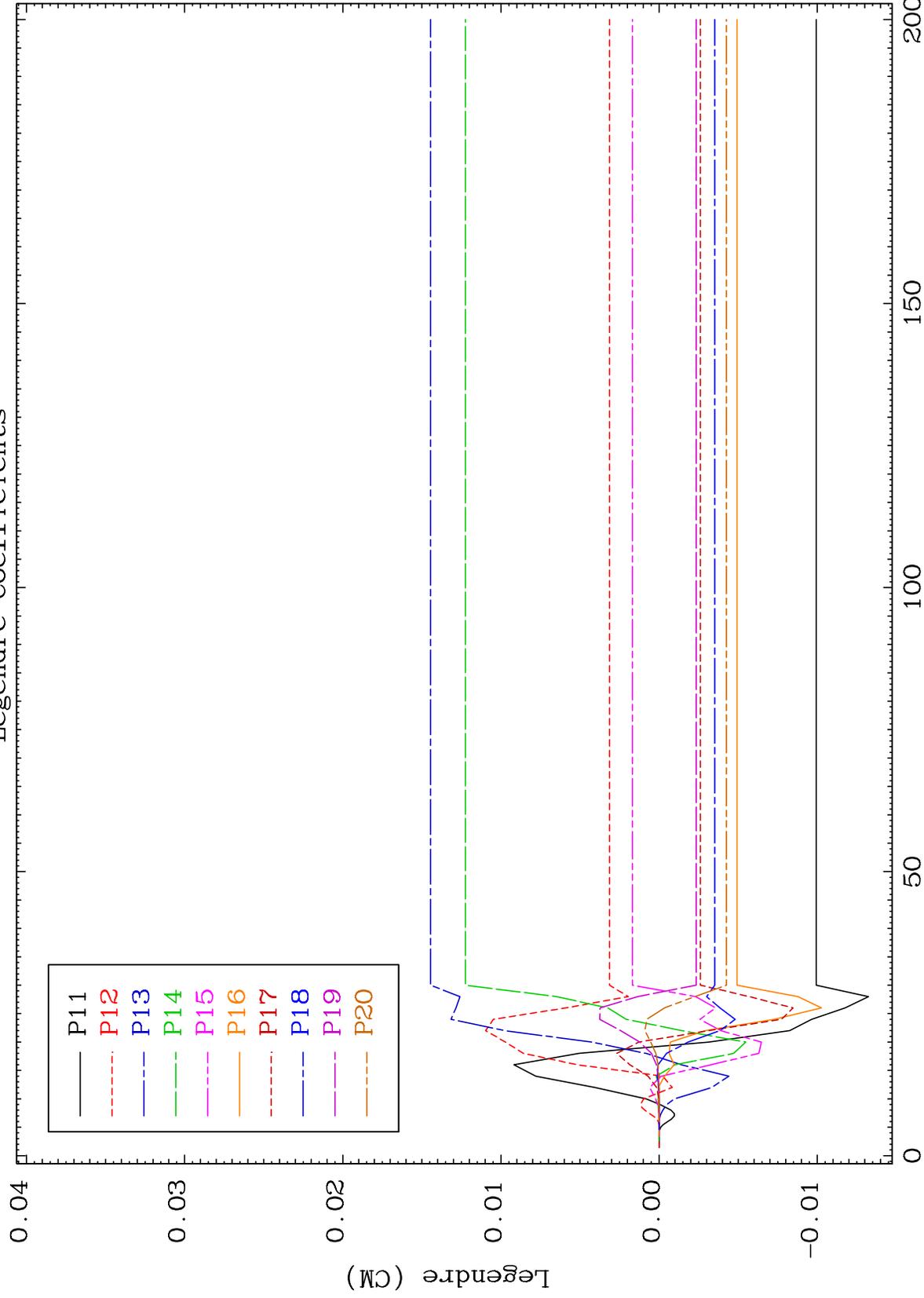
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



37

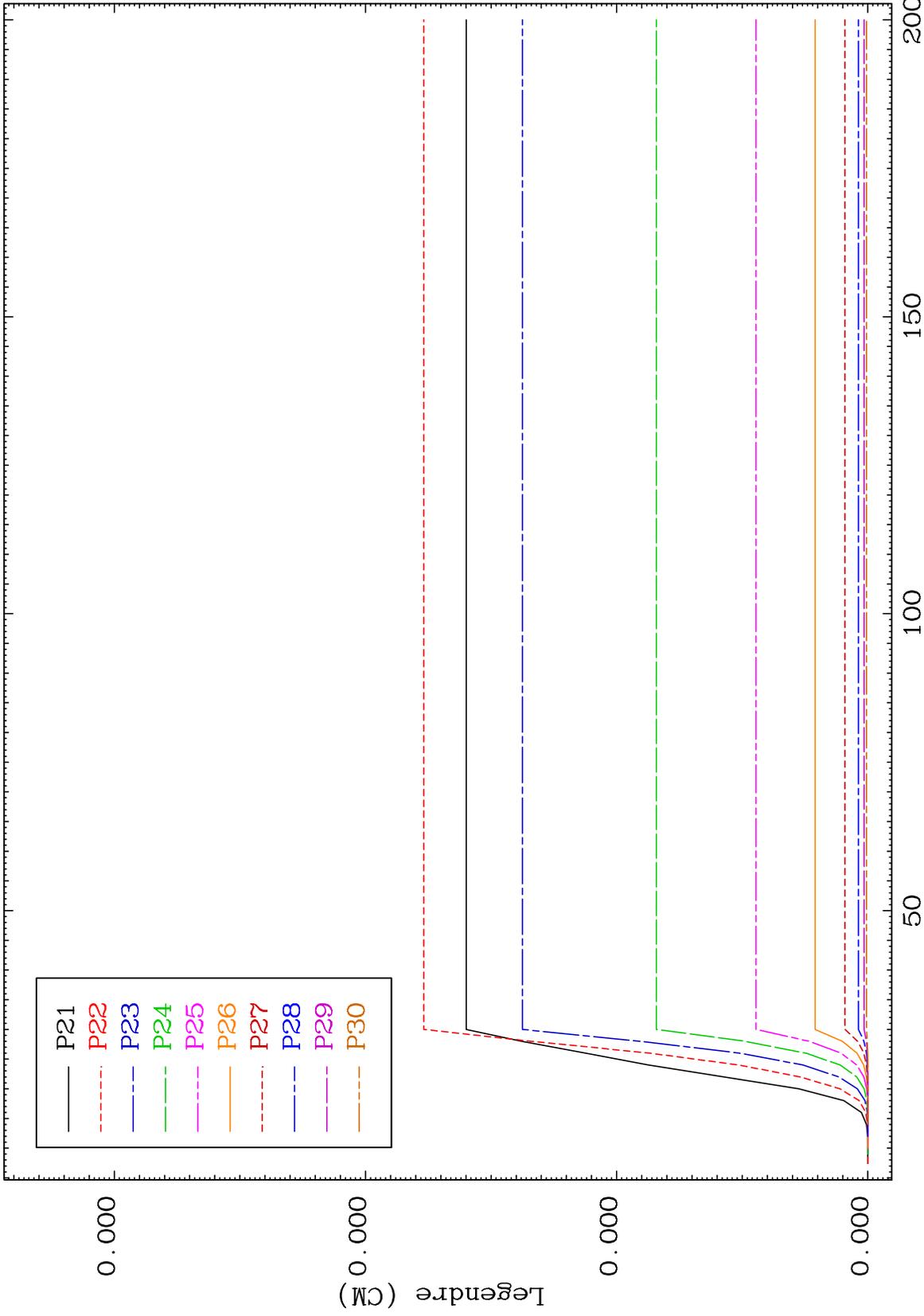
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



38

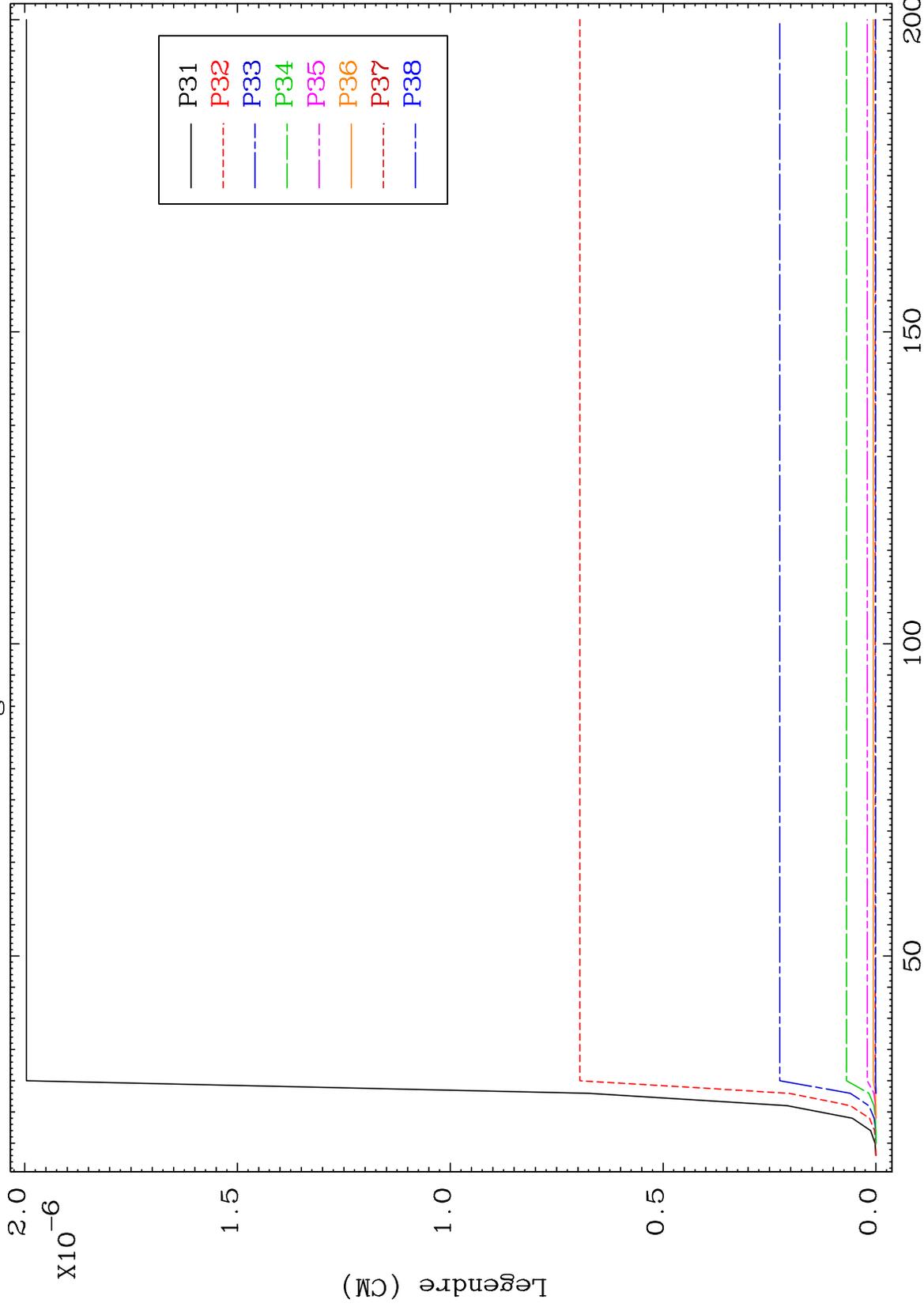
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



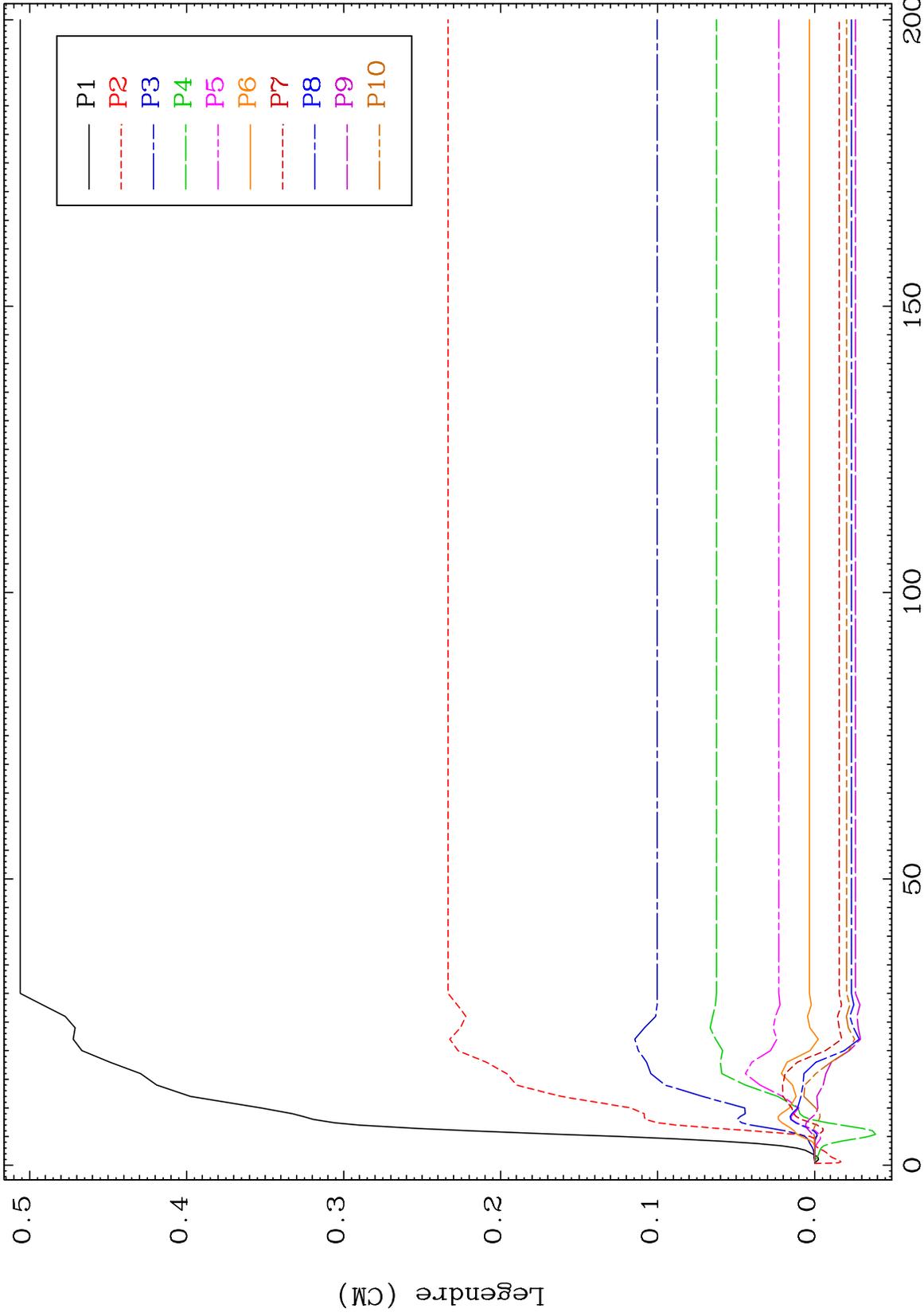
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83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

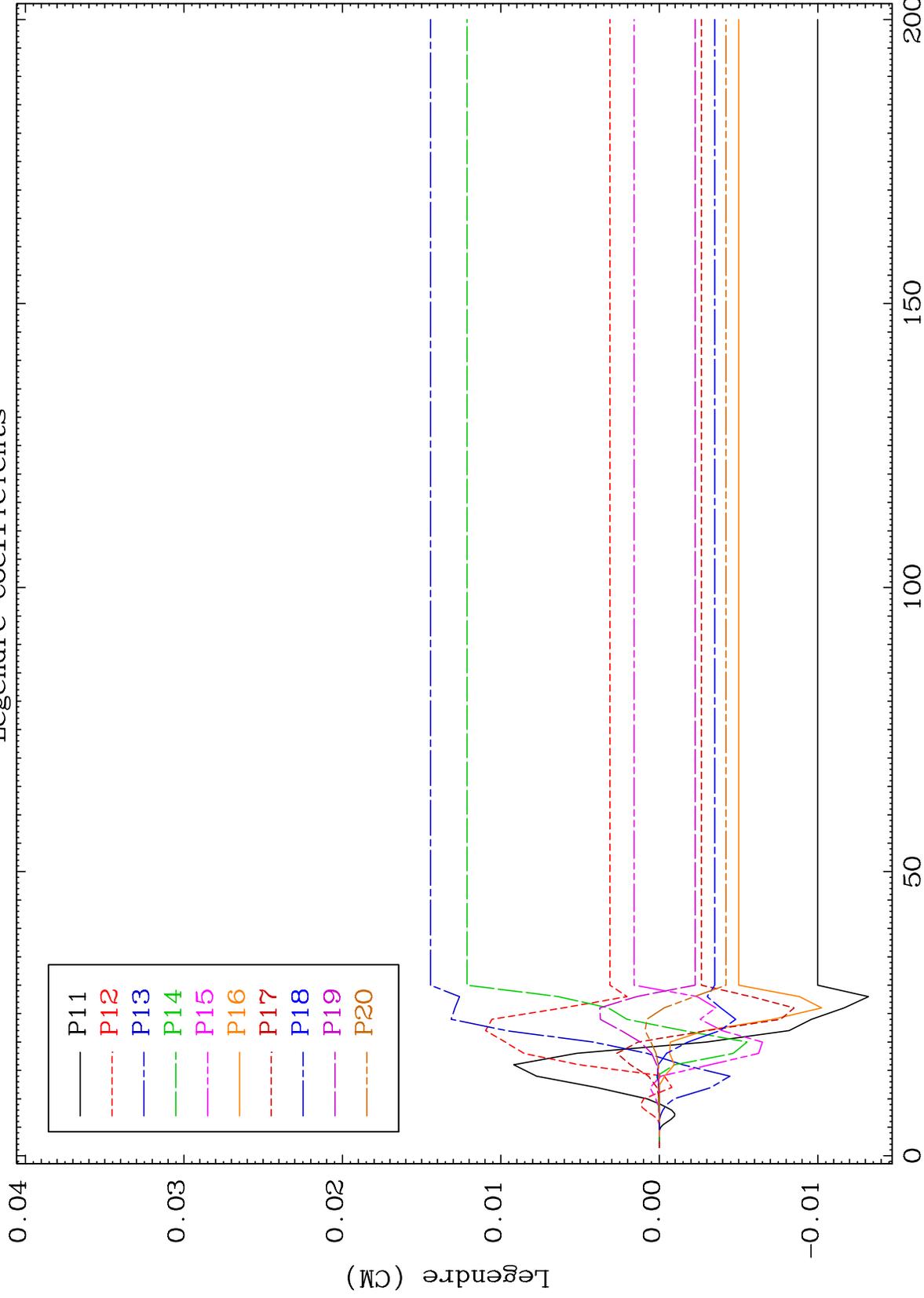
Incident Energy (MeV)

40

MAT 8316

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

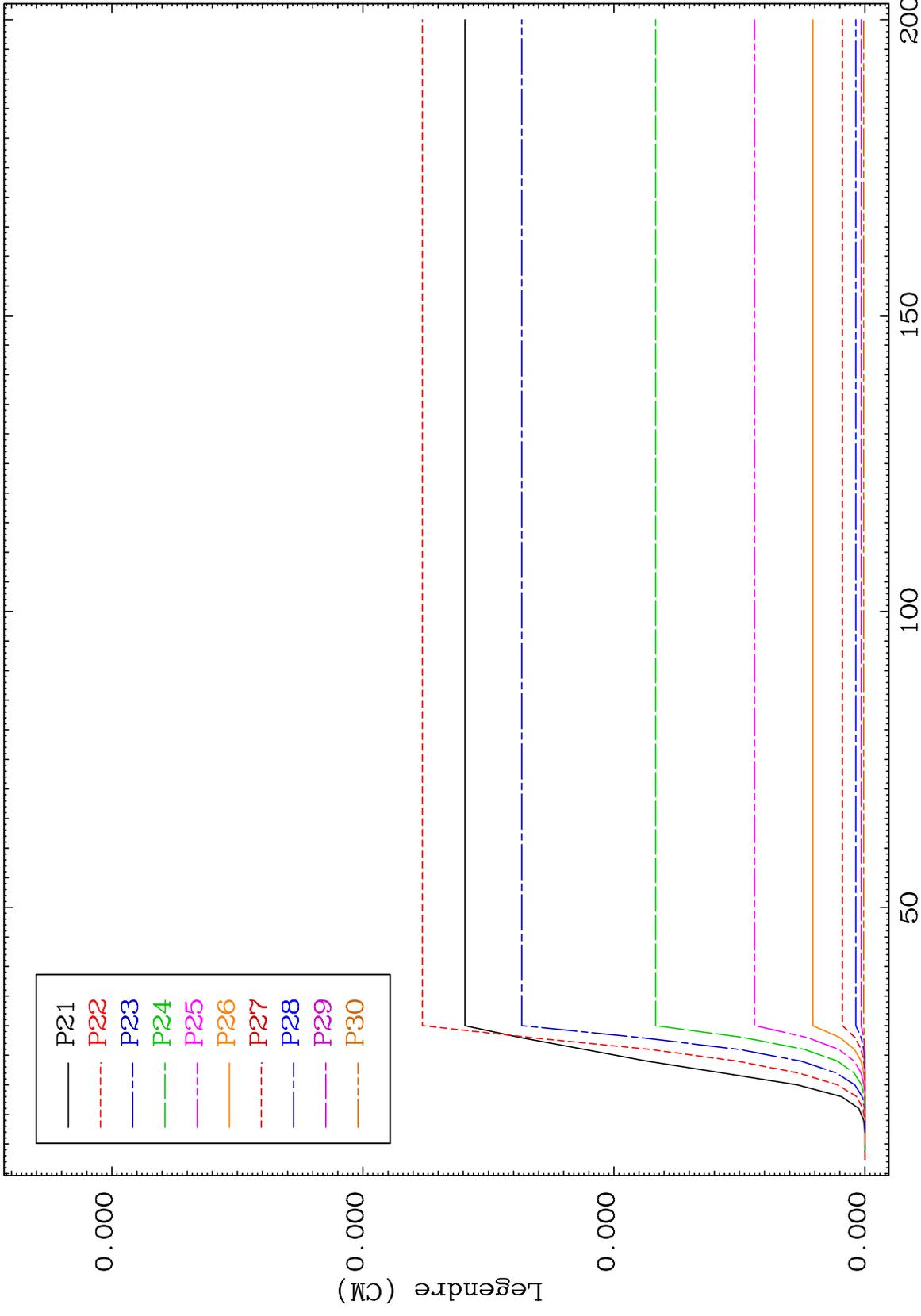
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MAT 8316

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

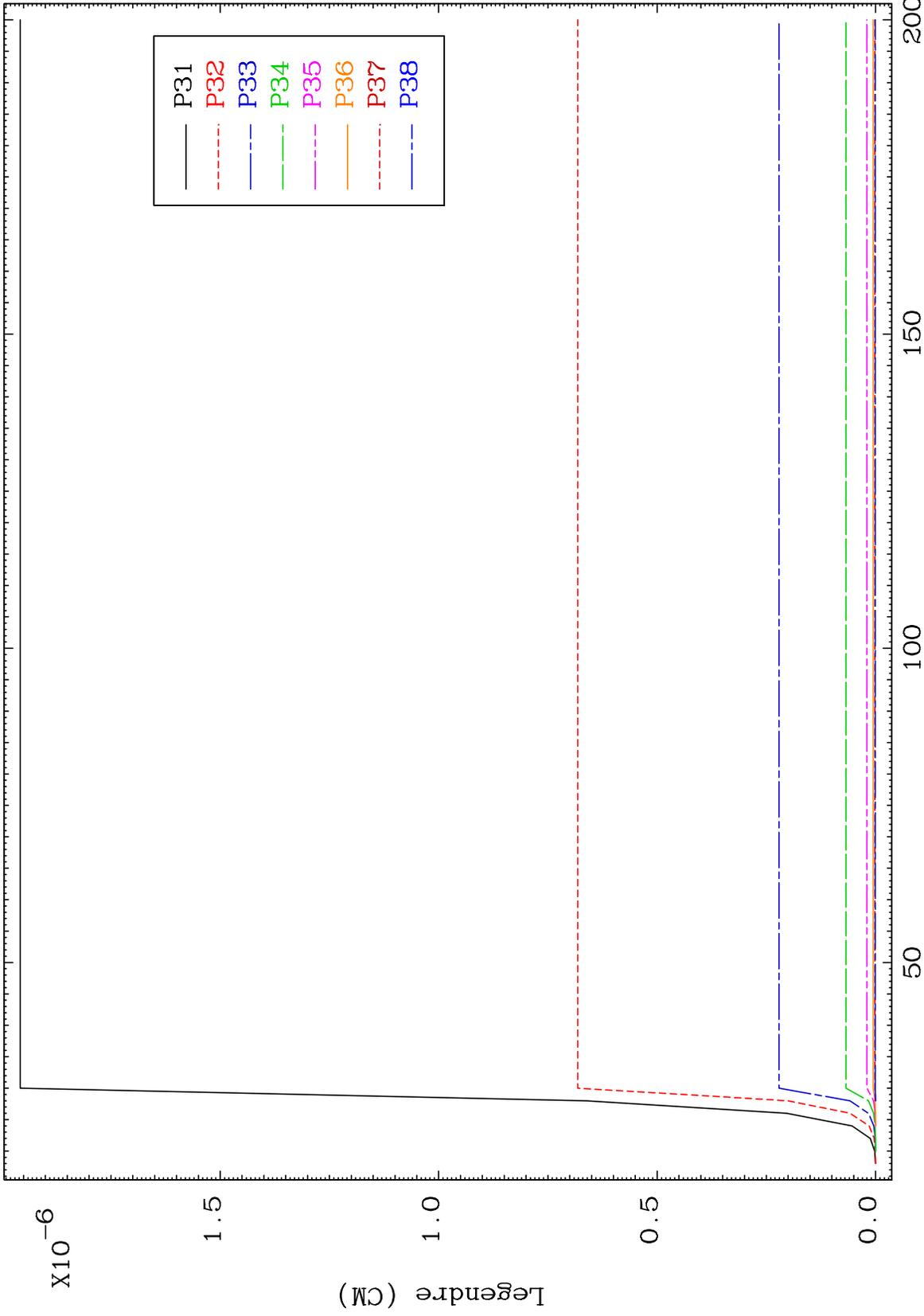
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MAT 8316

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

83-Bi-206



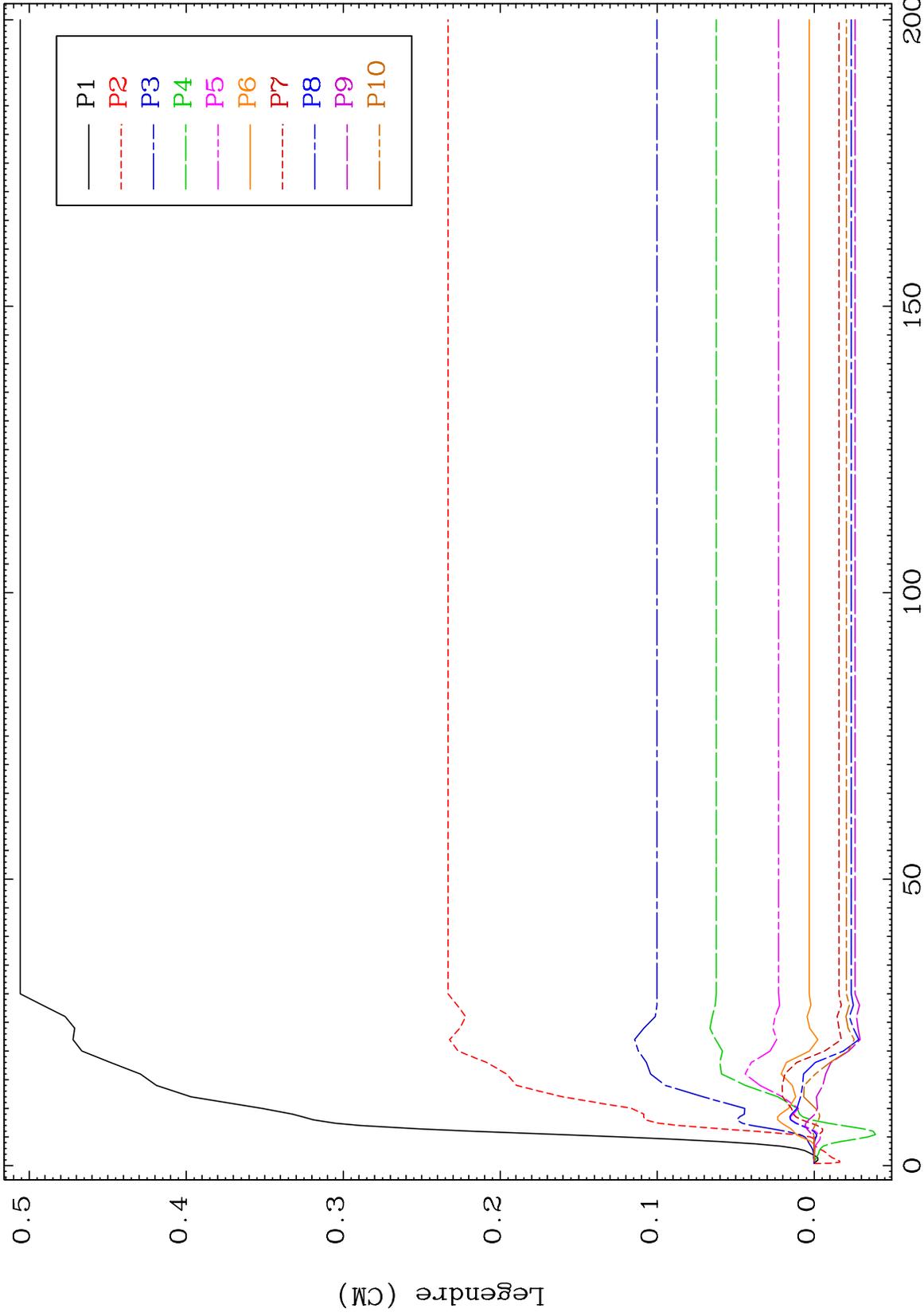
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MAT 8316

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

83-Bi-206



44

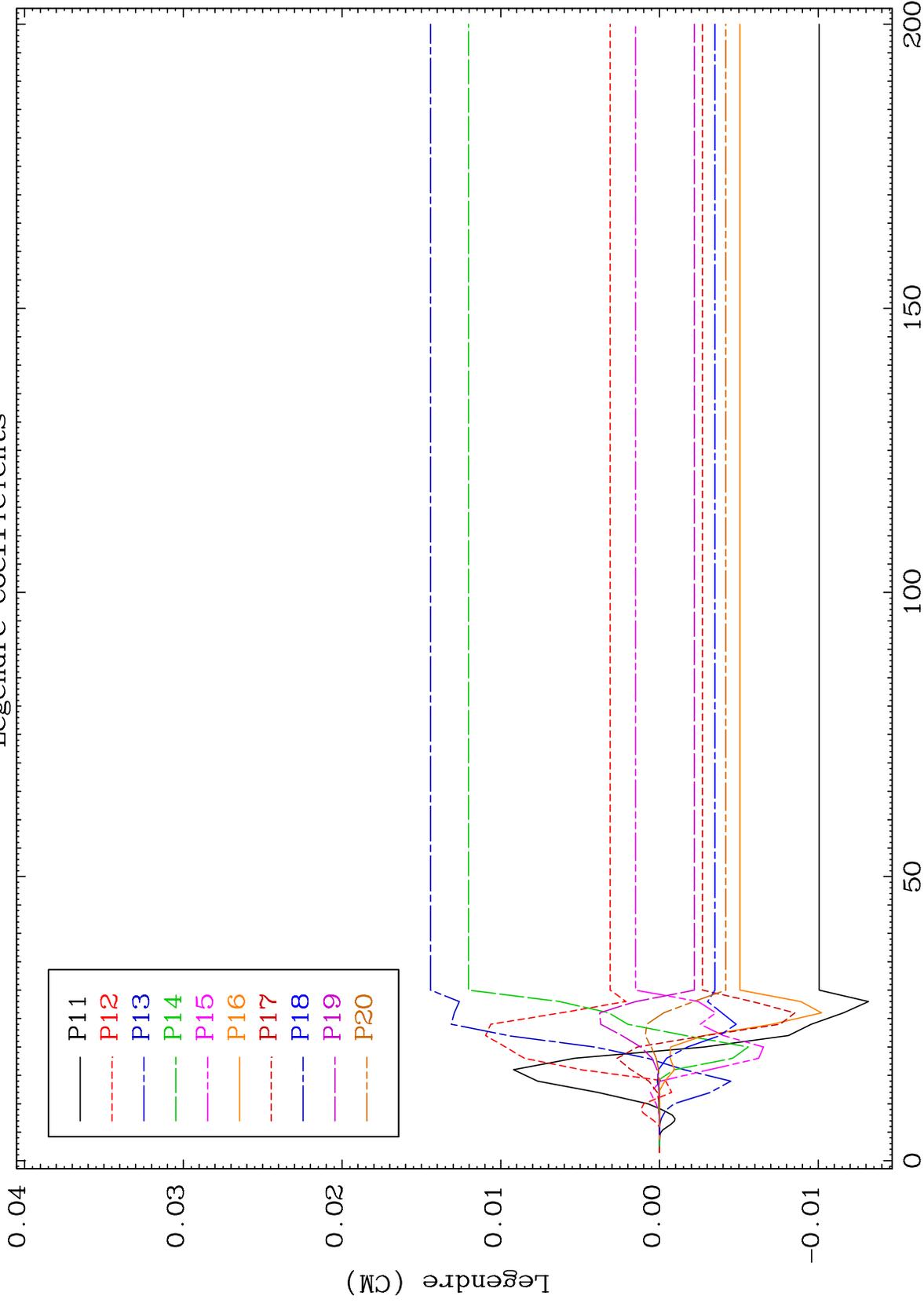
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MAT 8316

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

83-Bi-206



45

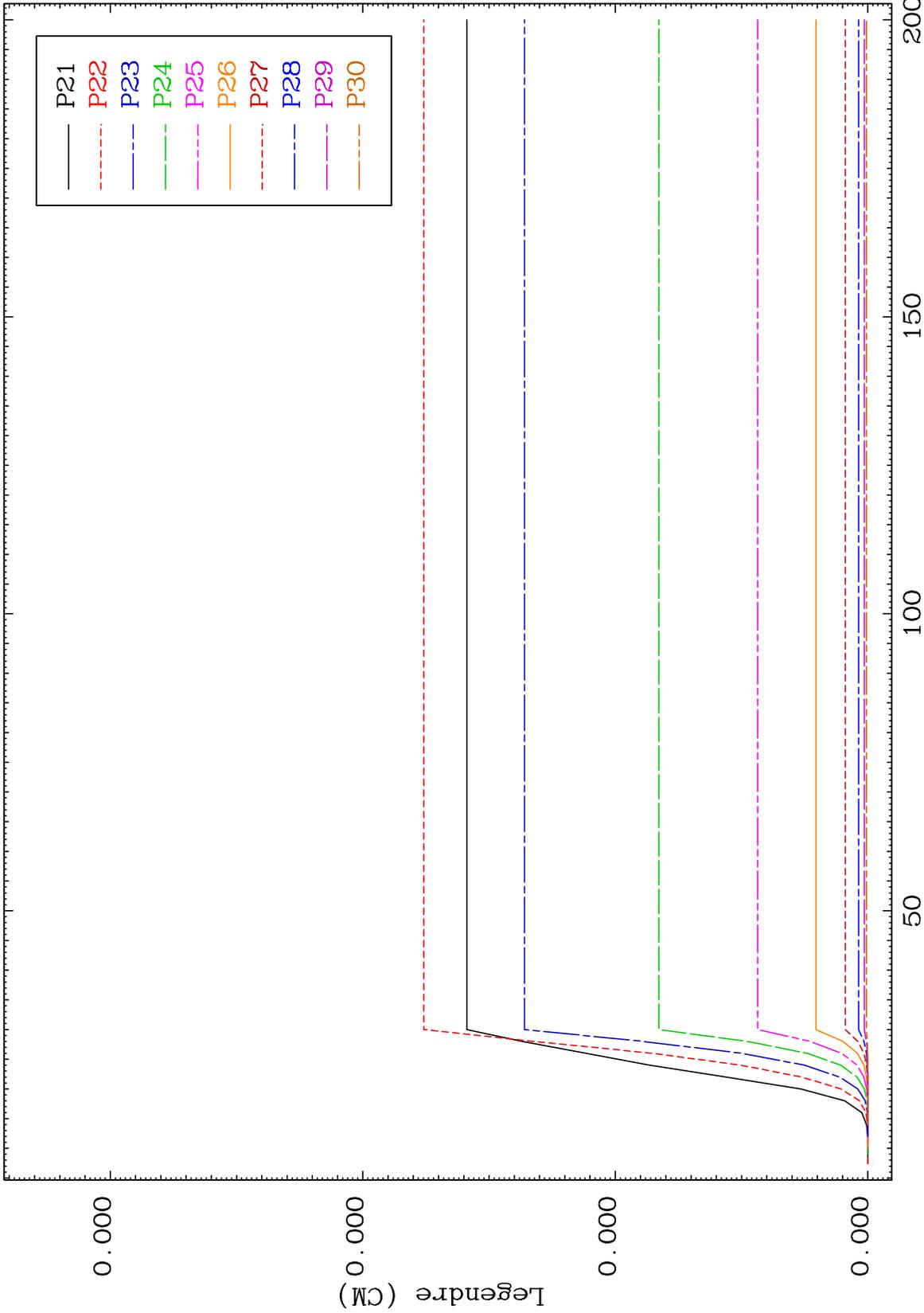
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MAT 8316

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

83-Bi-206



46

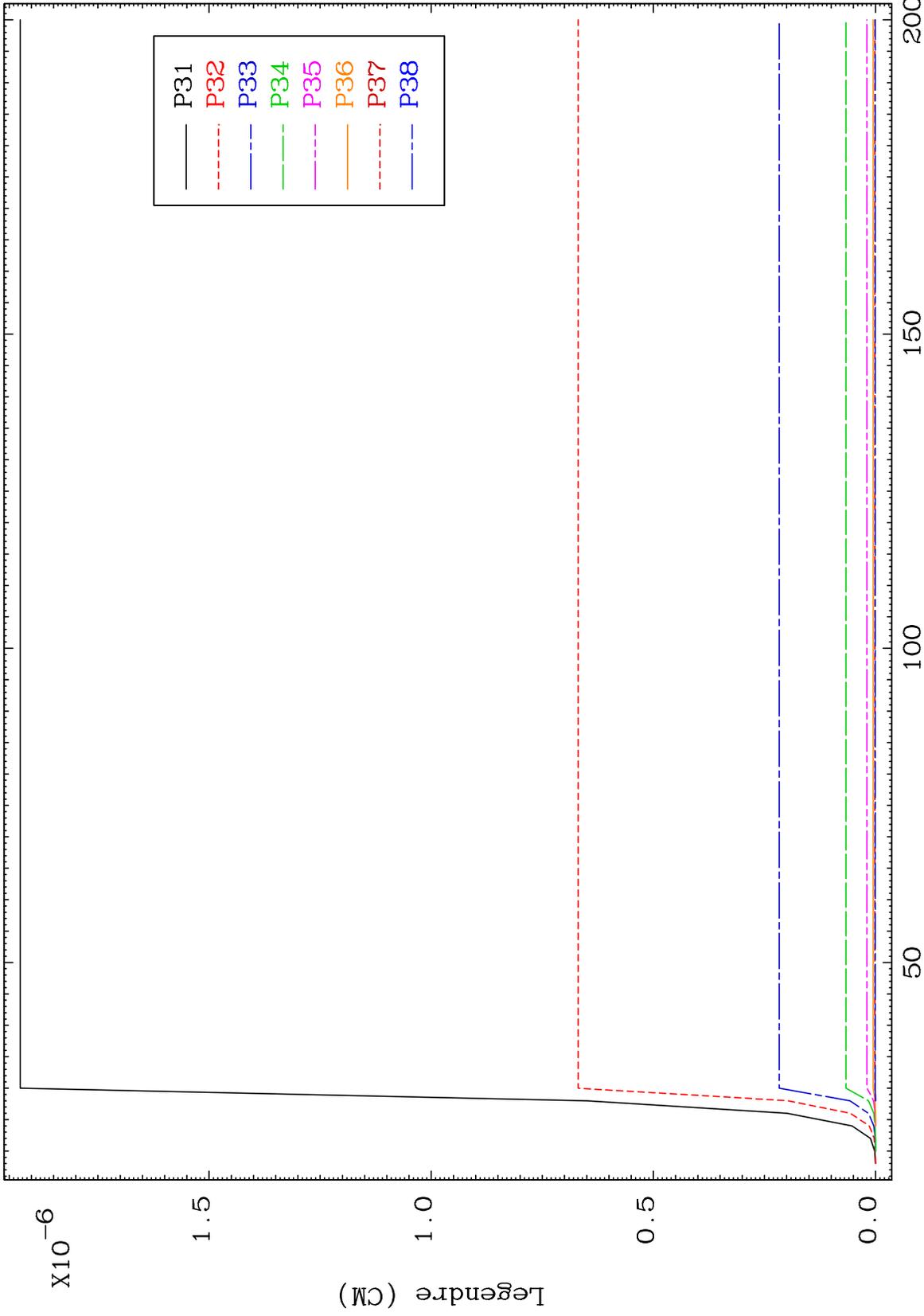
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



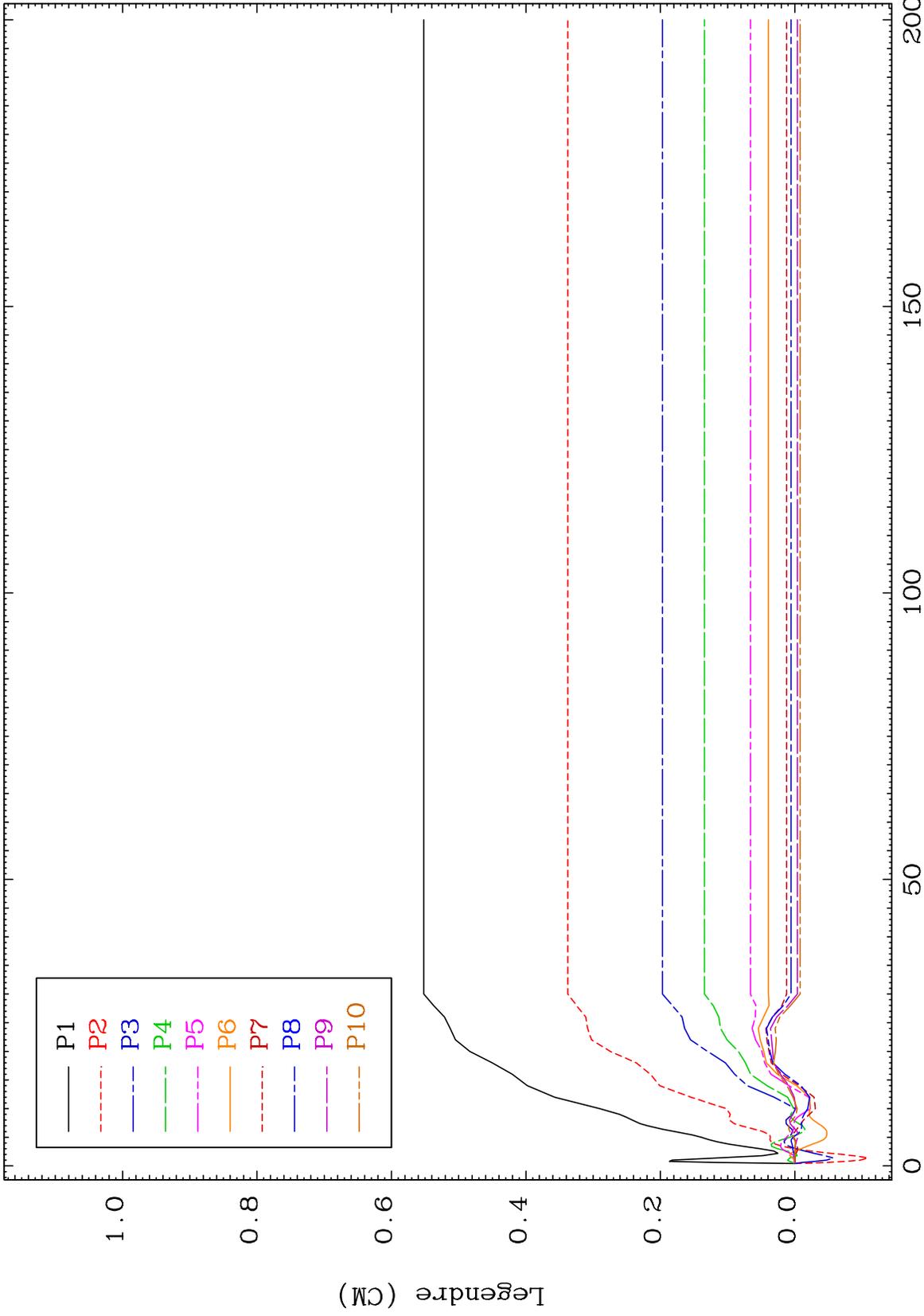
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MAT 8316

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

83-Bi-206



48

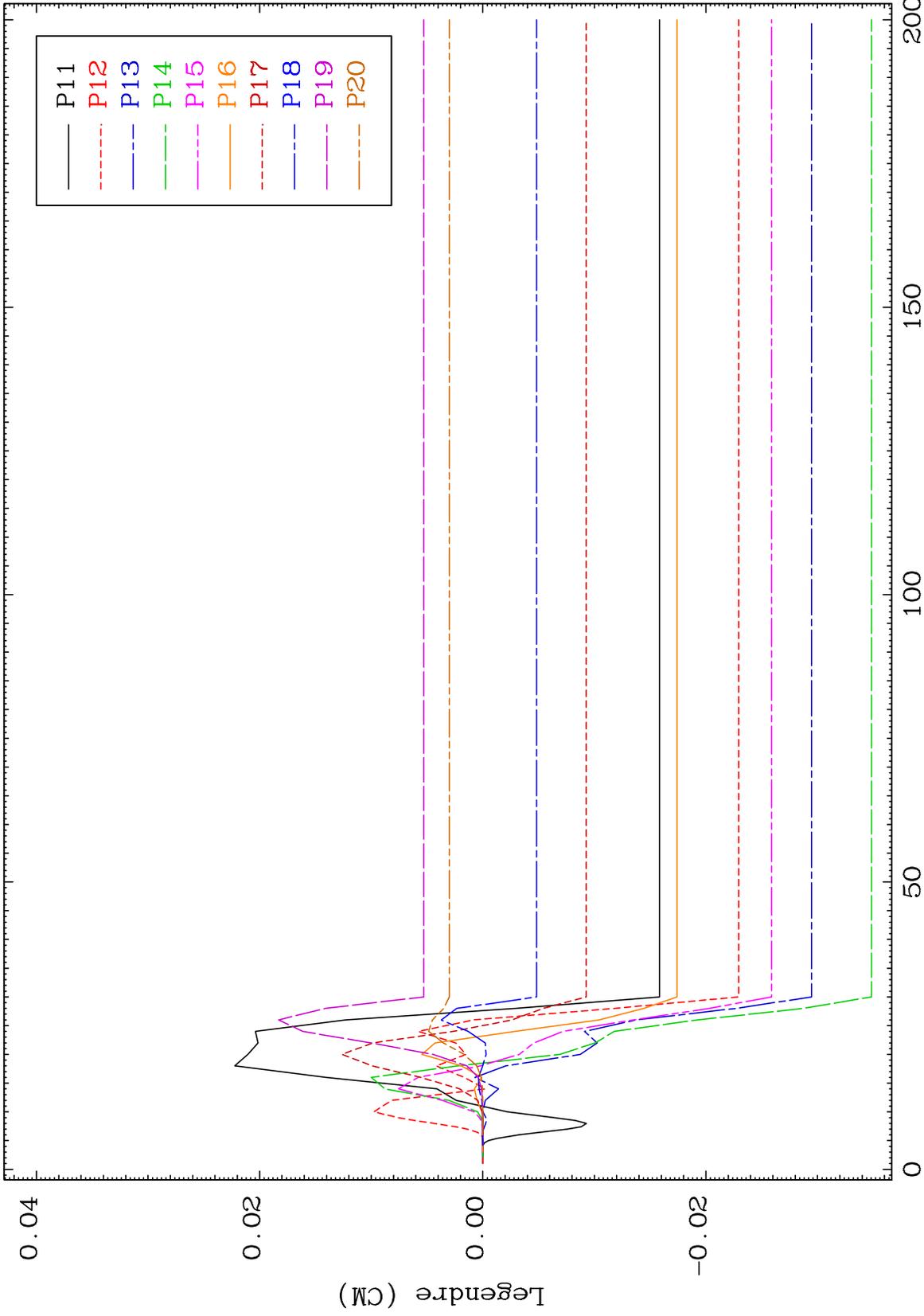
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MAT 8316

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

83-Bi-206



49

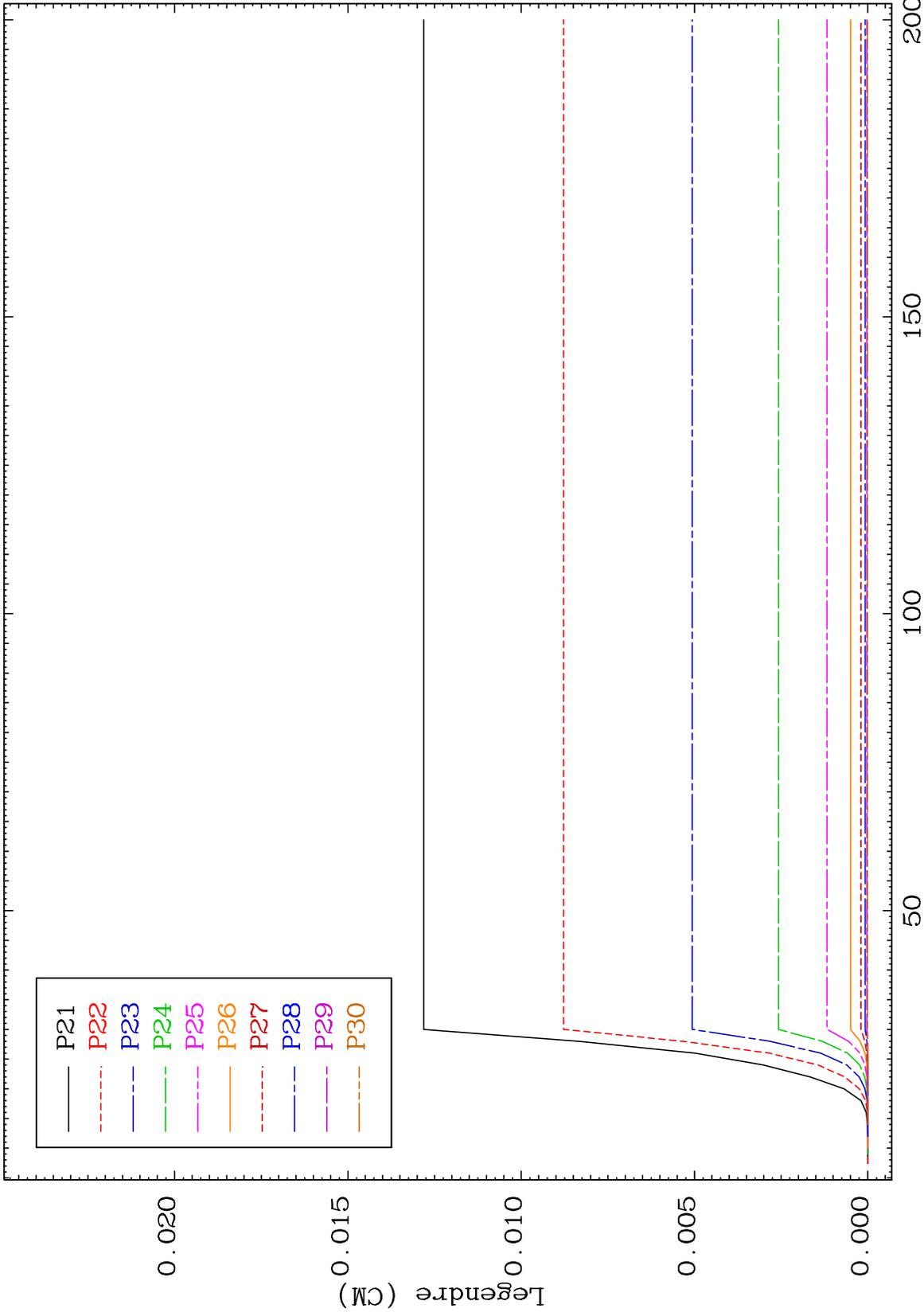
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MAT 8316

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

83-Bi-206



50

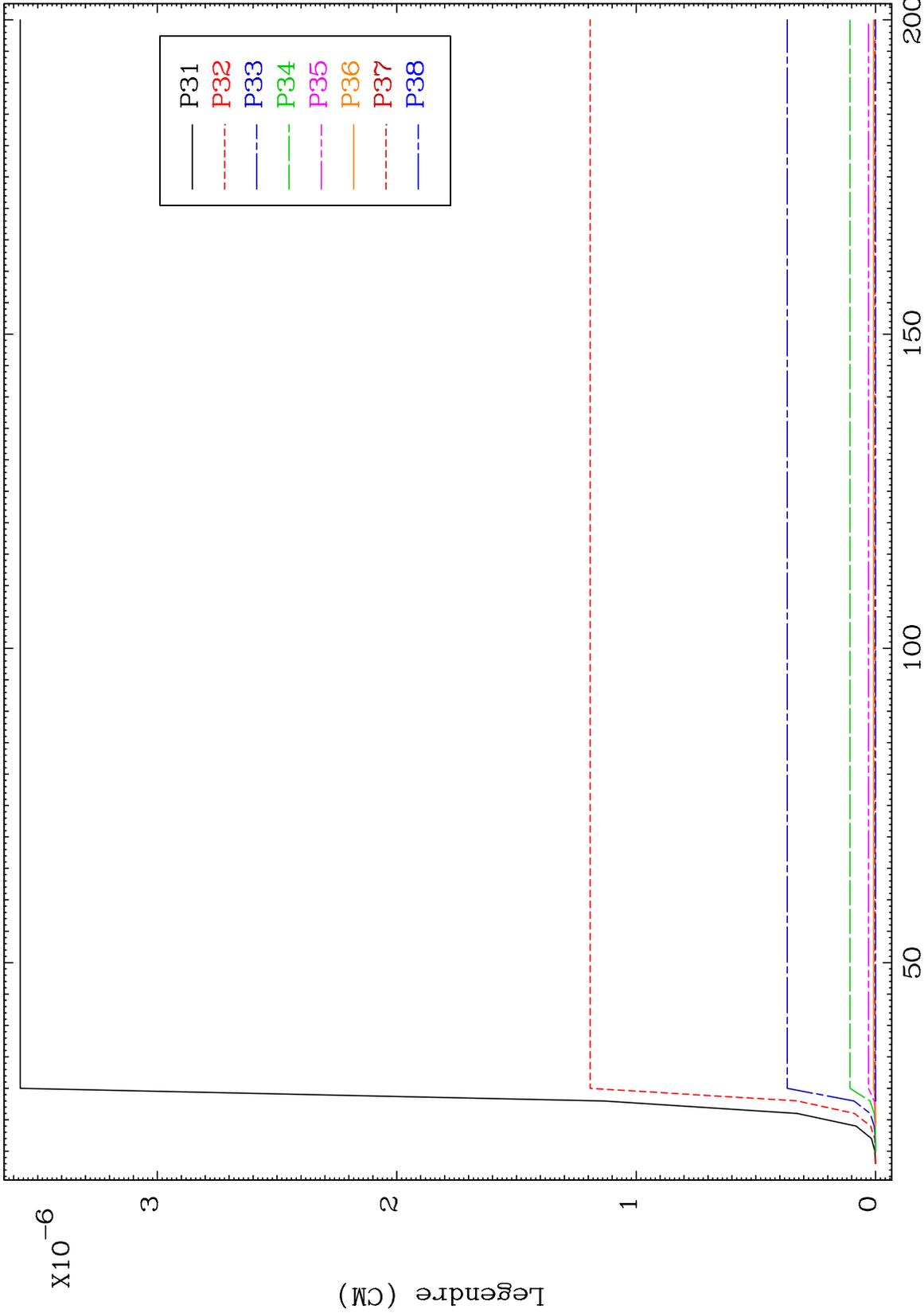
Incident Energy (MeV)

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MAT 8316

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

83-Bi-206



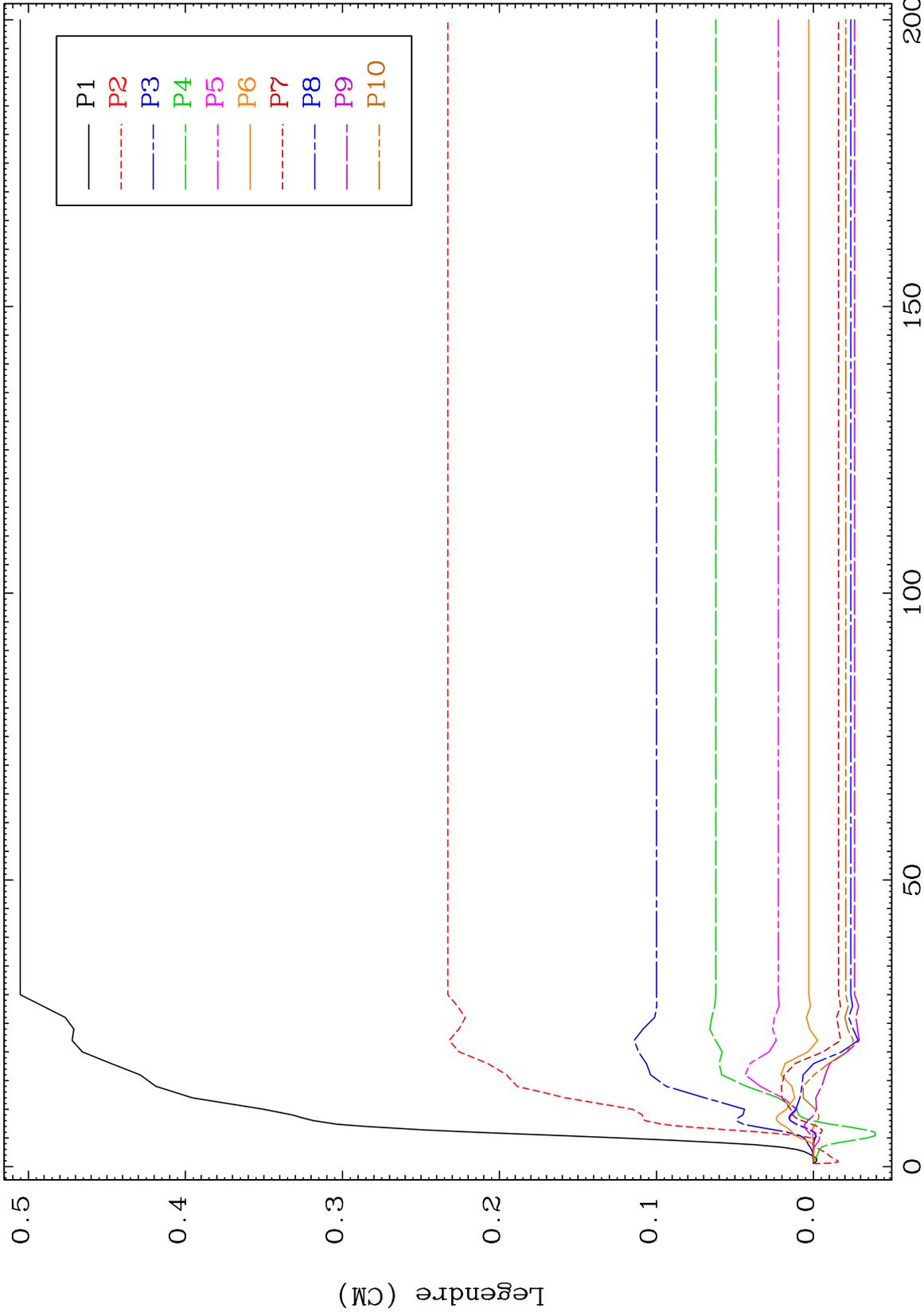
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83-Bi-206

MAT 8316

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

83-Bi-206



52

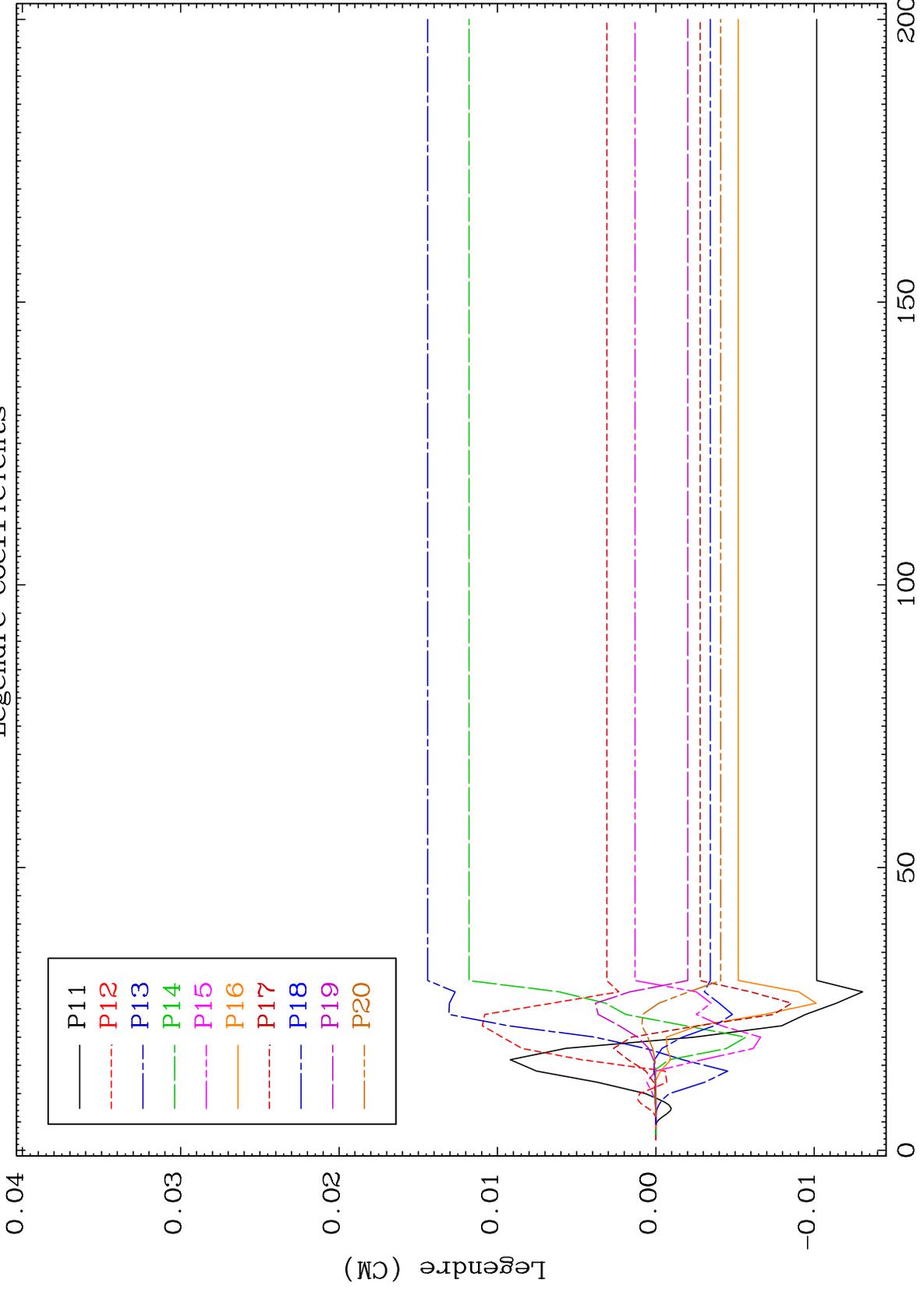
Incident Energy (MeV)

83-Bi-206

MAT 8316 MT= 60 (n,n') Level Legendre Coefficients

83-Bi-206

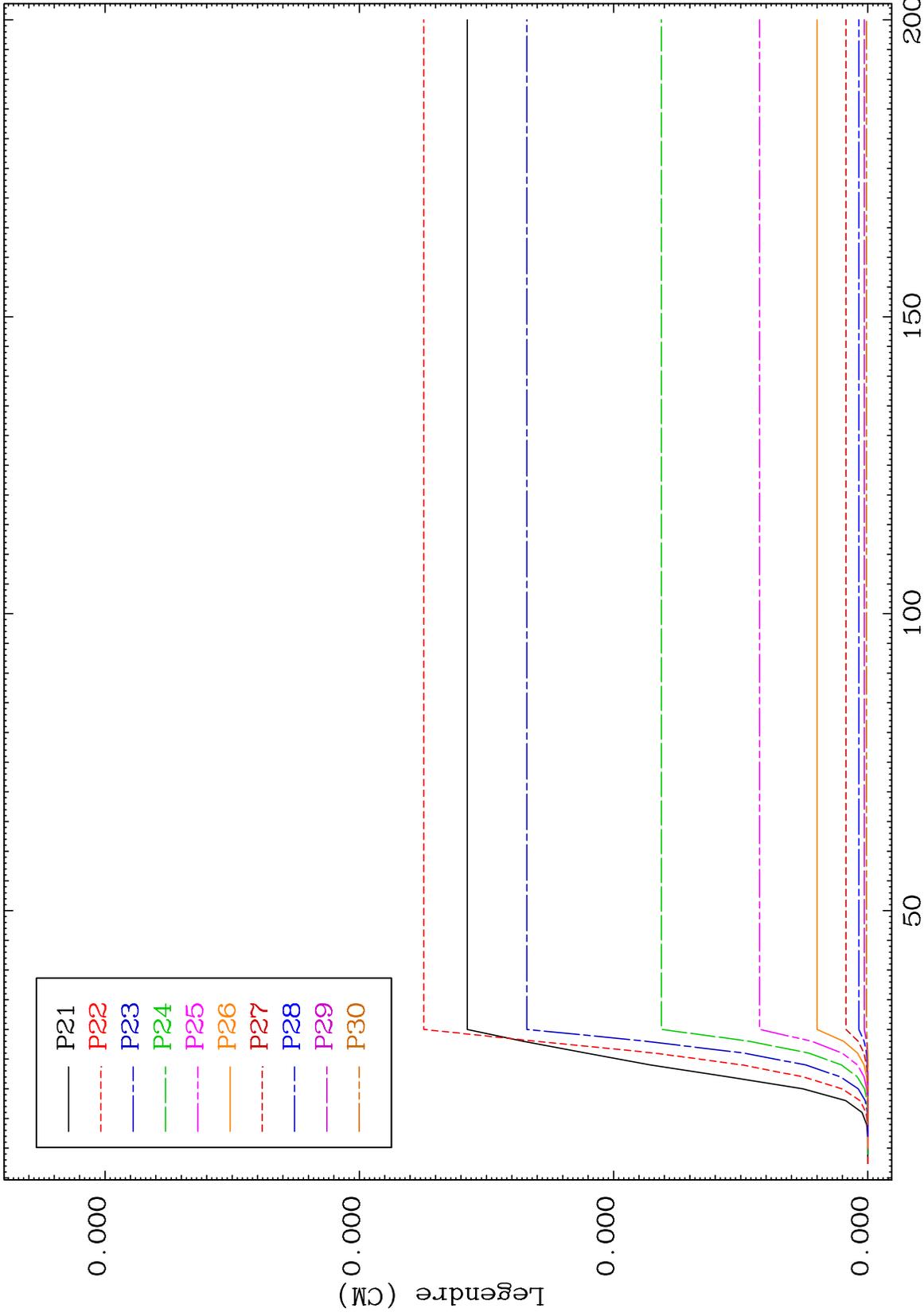
83-Bi-206



MAT 8316

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

83-Bi-206



54

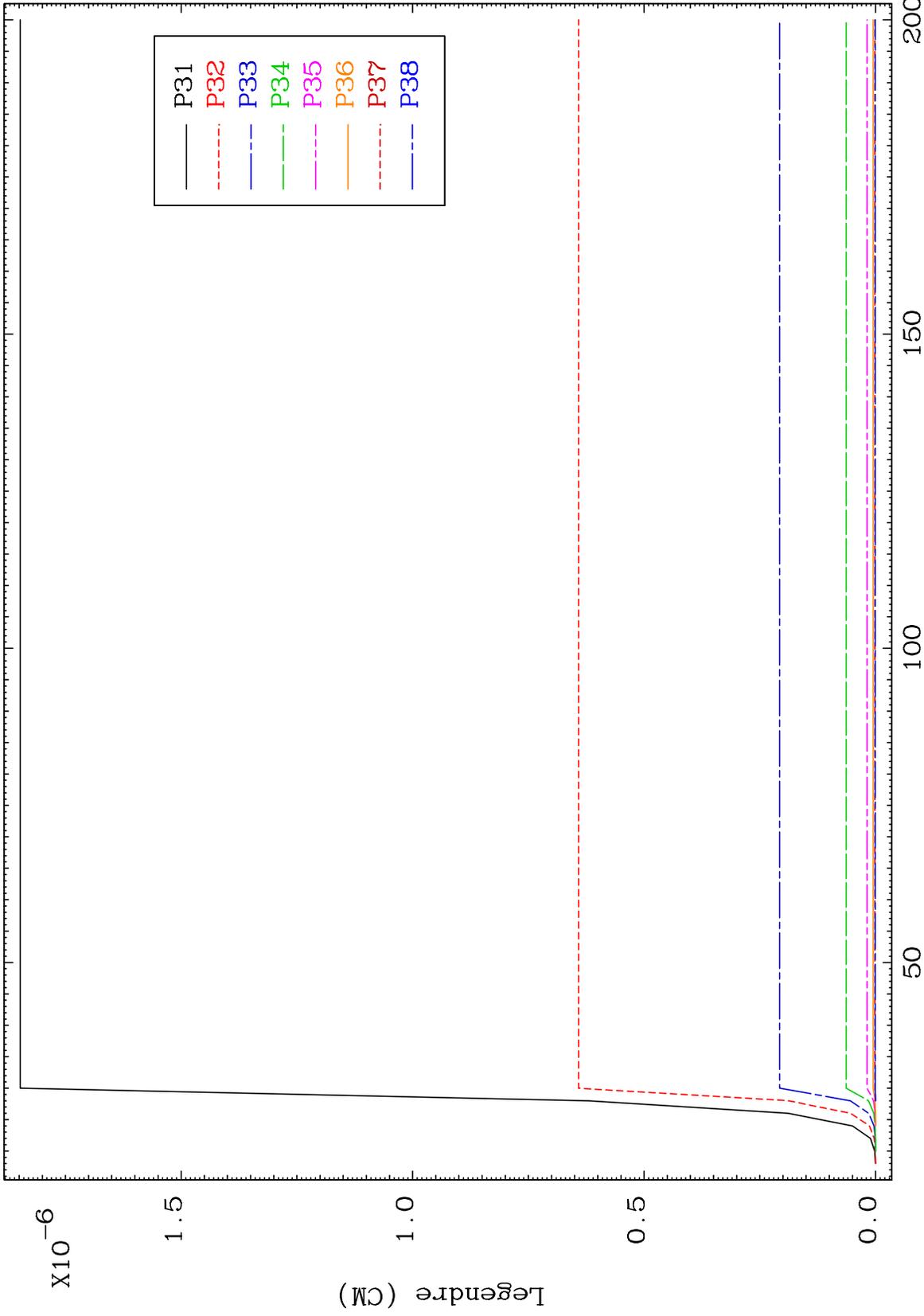
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



55

Incident Energy (MeV)

50

100

150

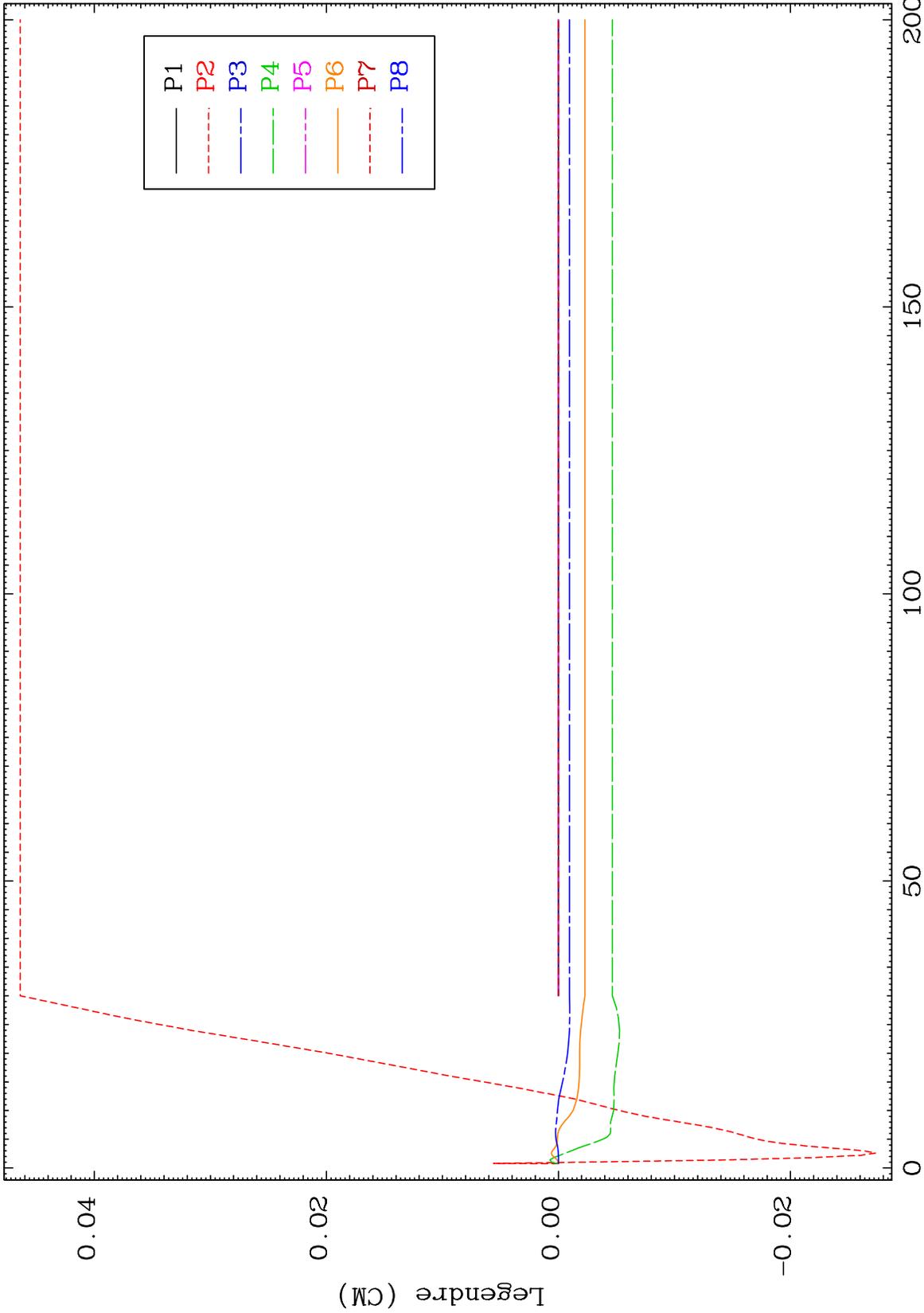
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83-Bi-206

MAT 8316

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

83-Bi-206



56

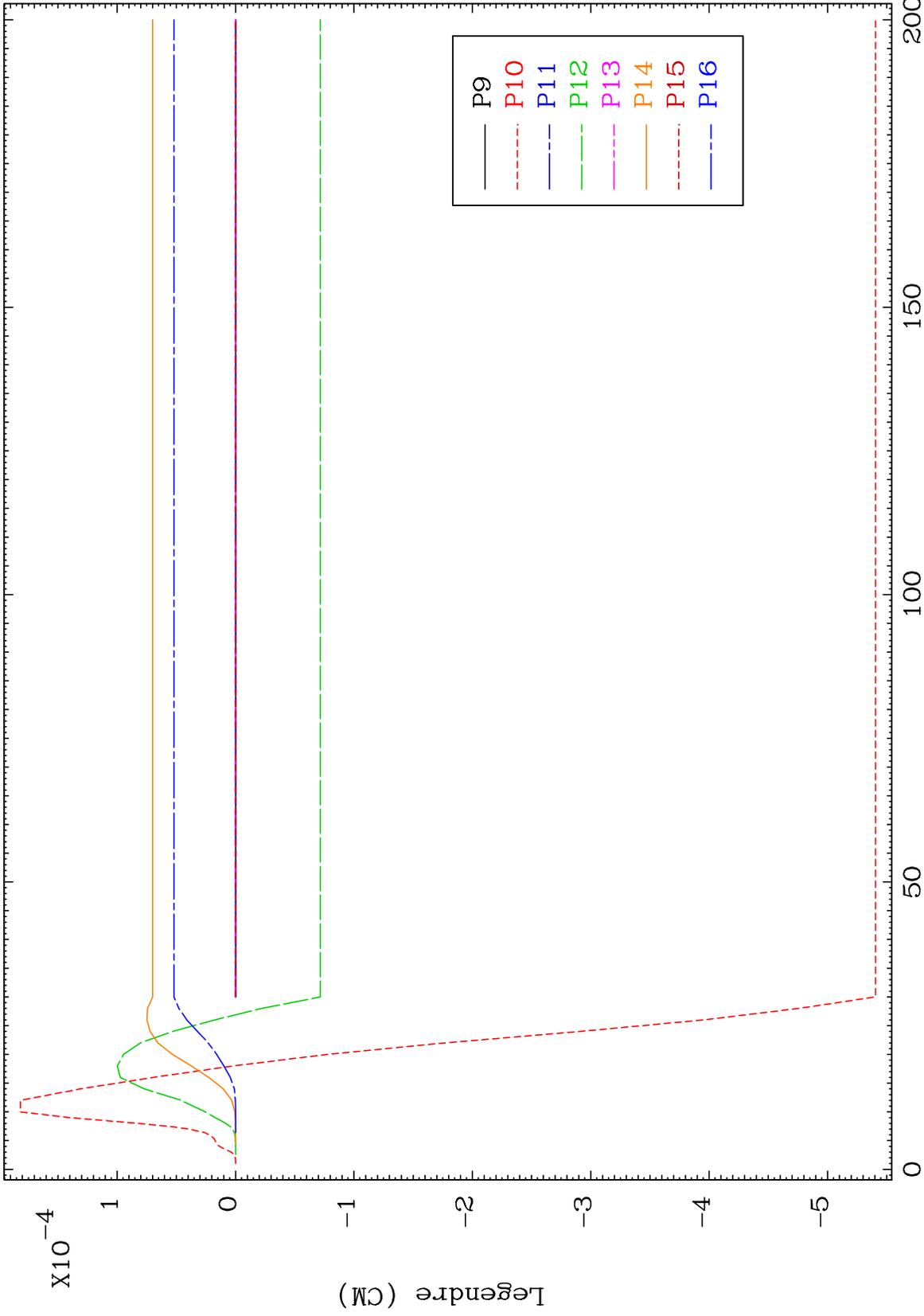
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



57

Incident Energy (MeV)

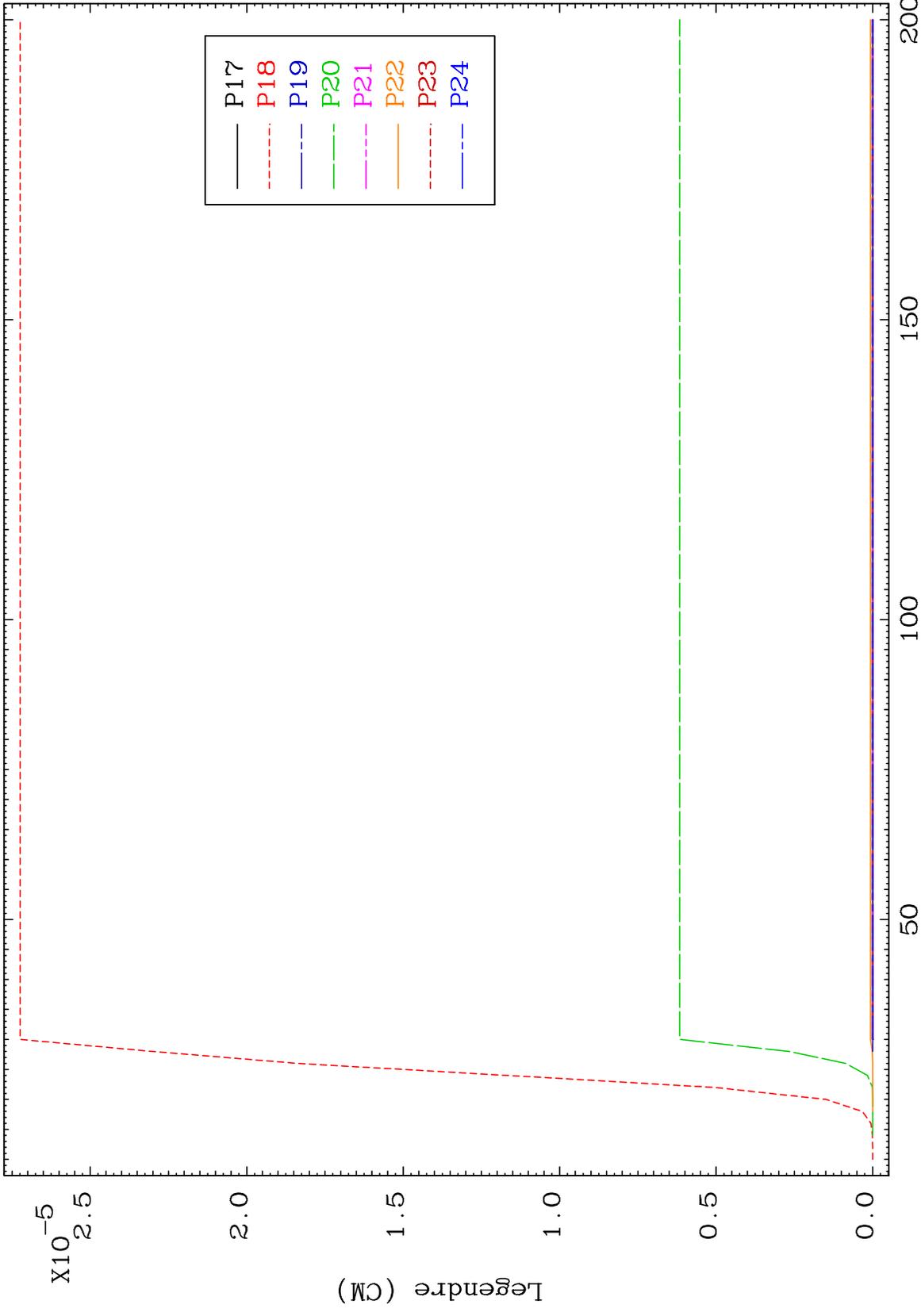
83-Bi-206

MAT 8316

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

83-Bi-206

83-Bi-206

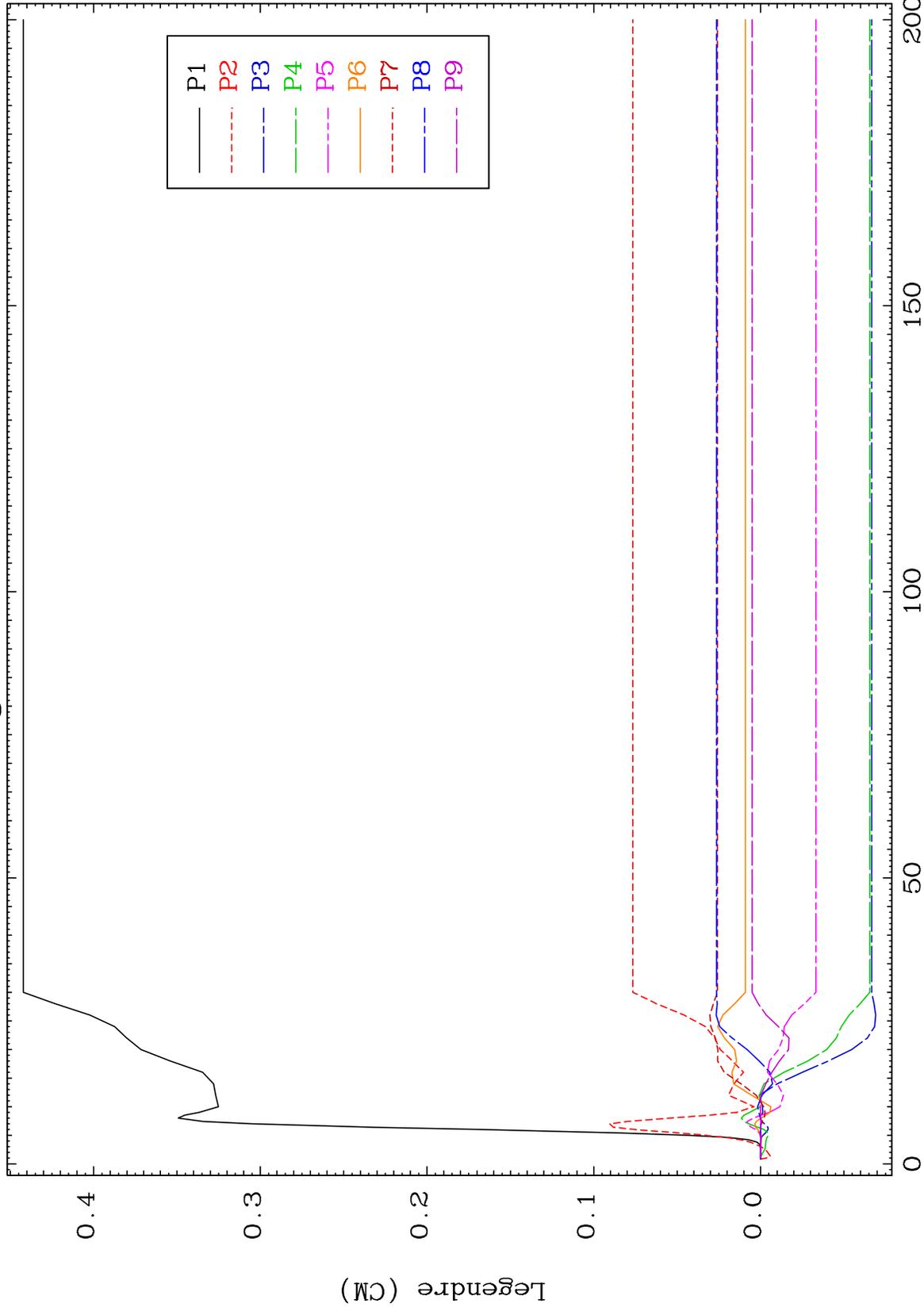


58

MAT 8316

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

83-Bi-206



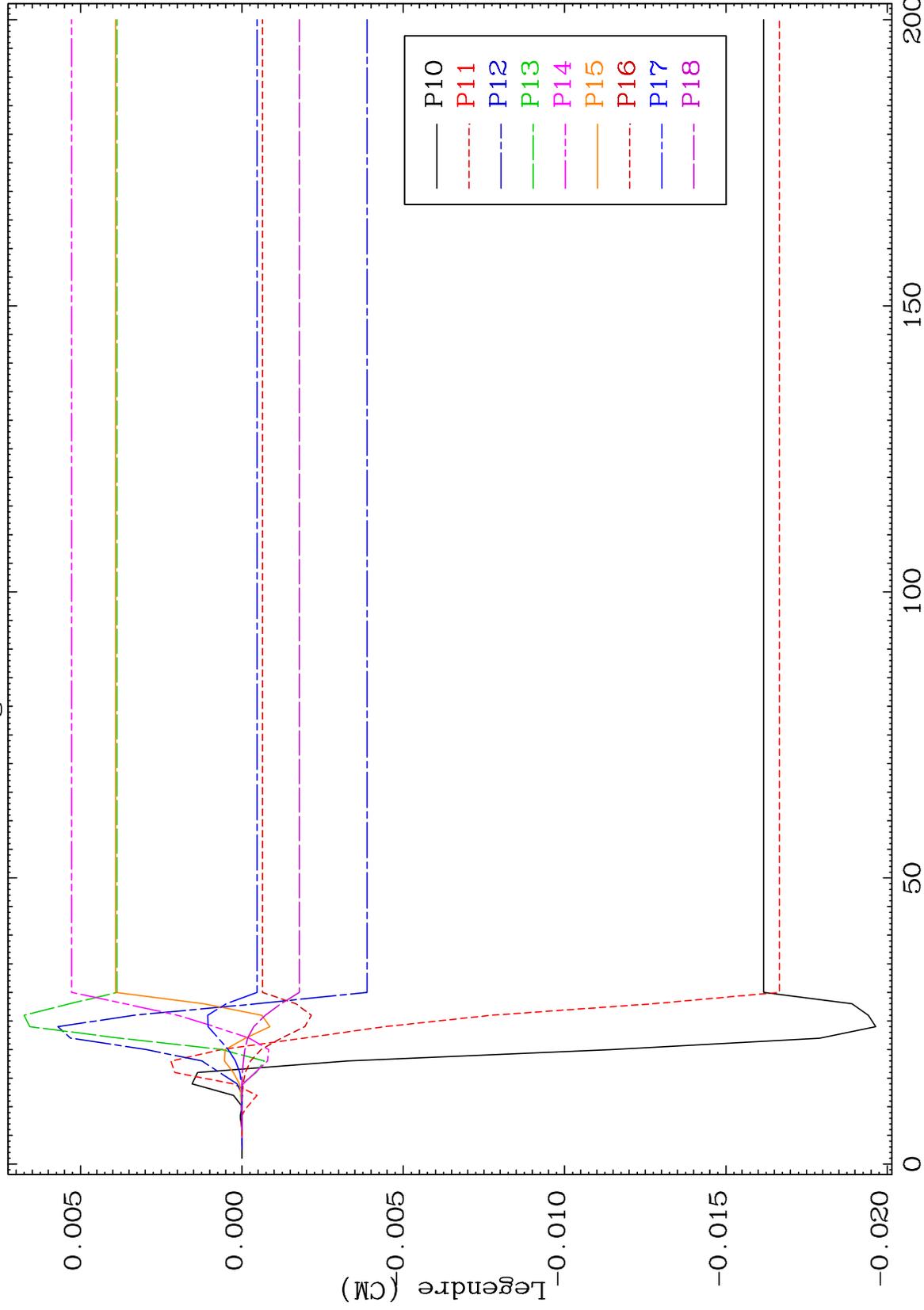
59

83-Bi-206

MAT 8316

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

83-Bi-206



60

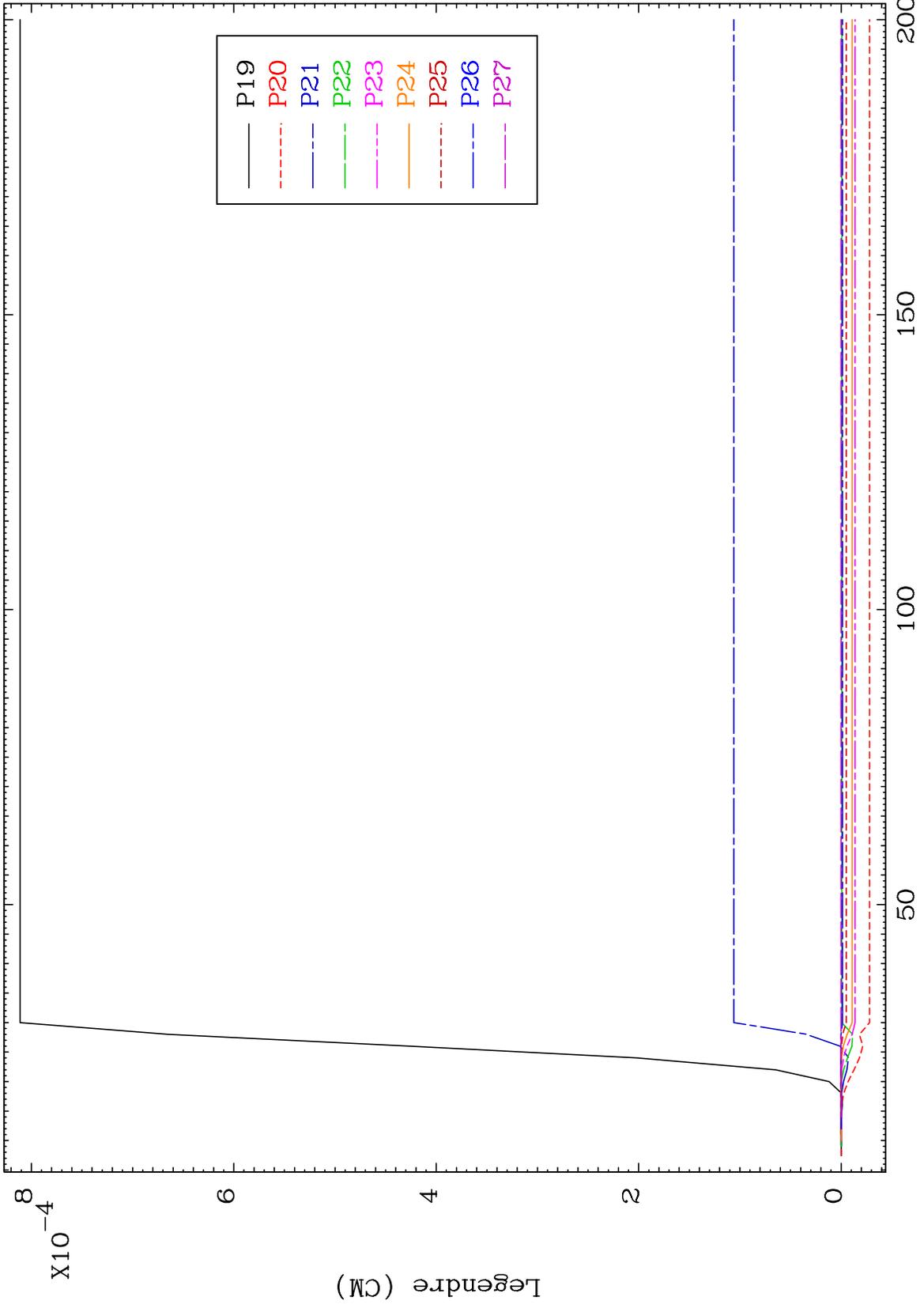
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



61

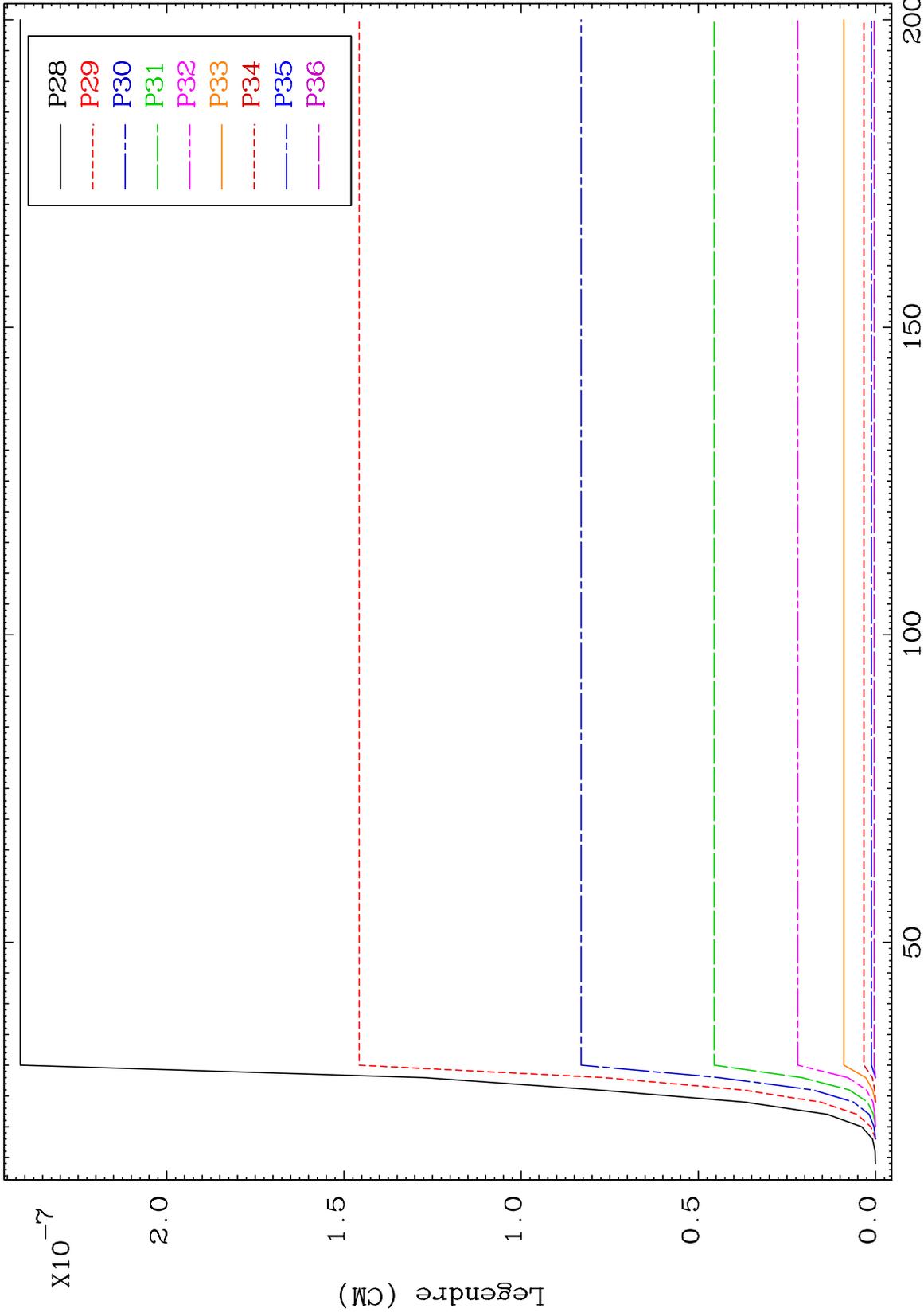
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



62

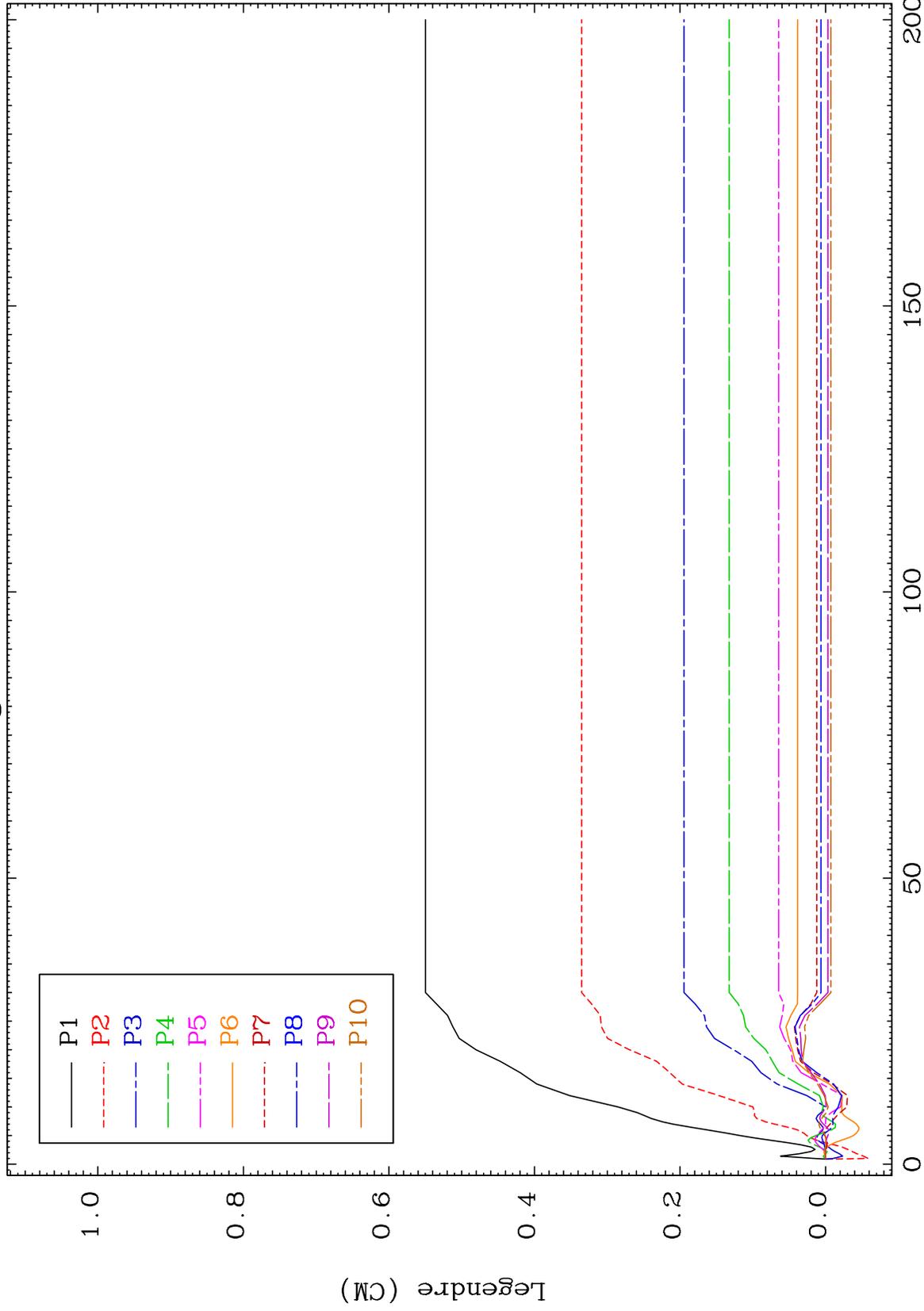
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



63

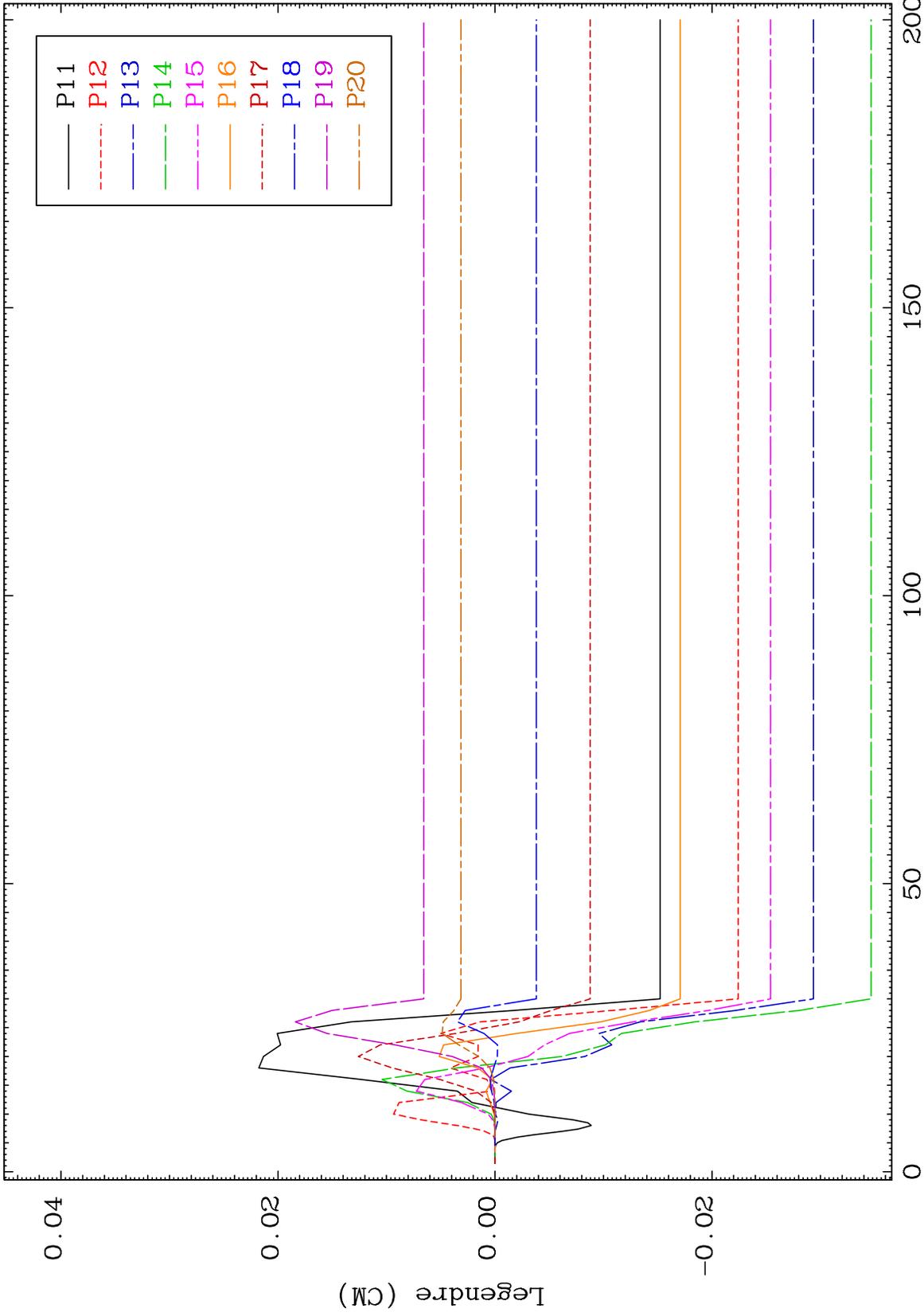
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



64

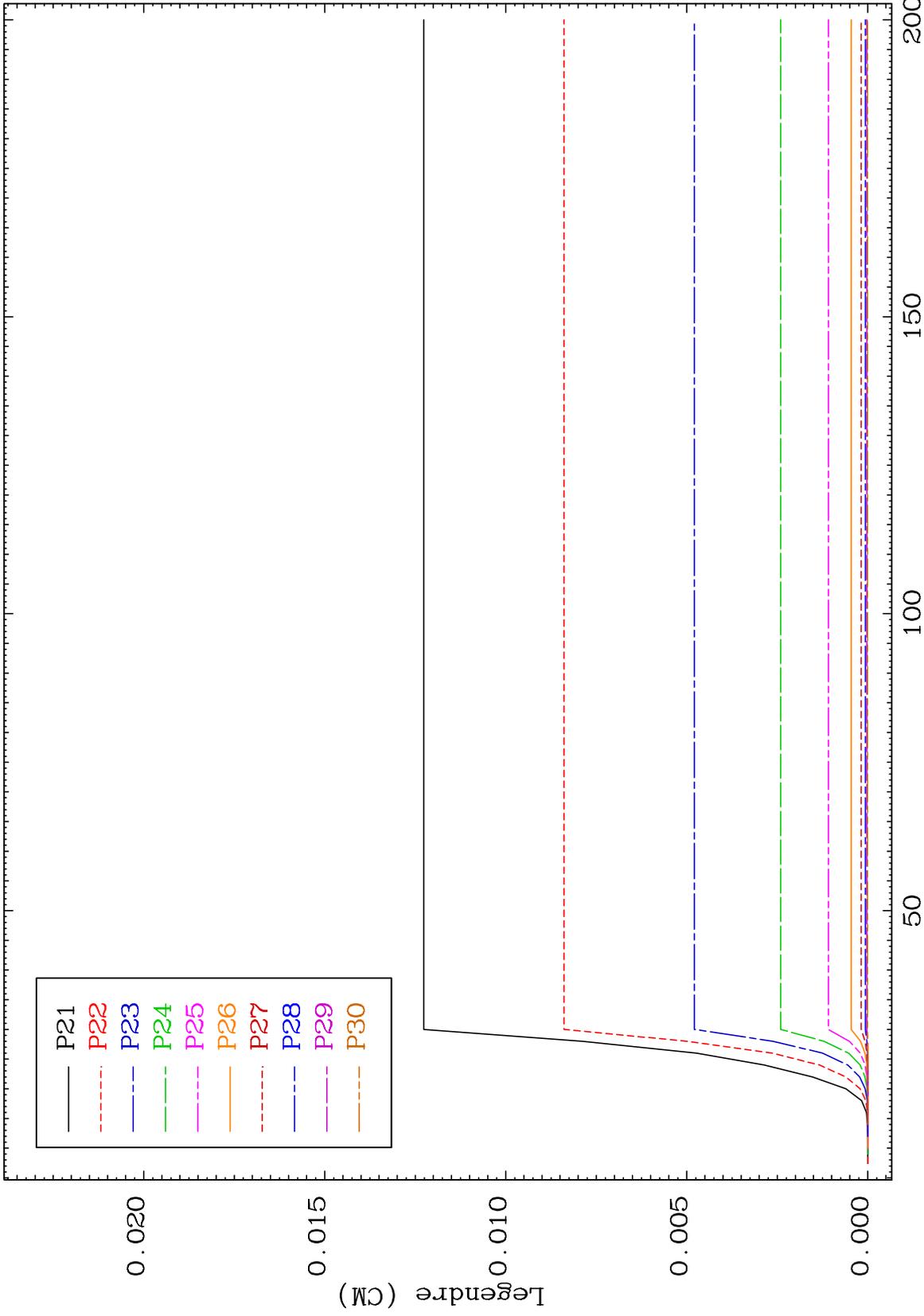
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



65

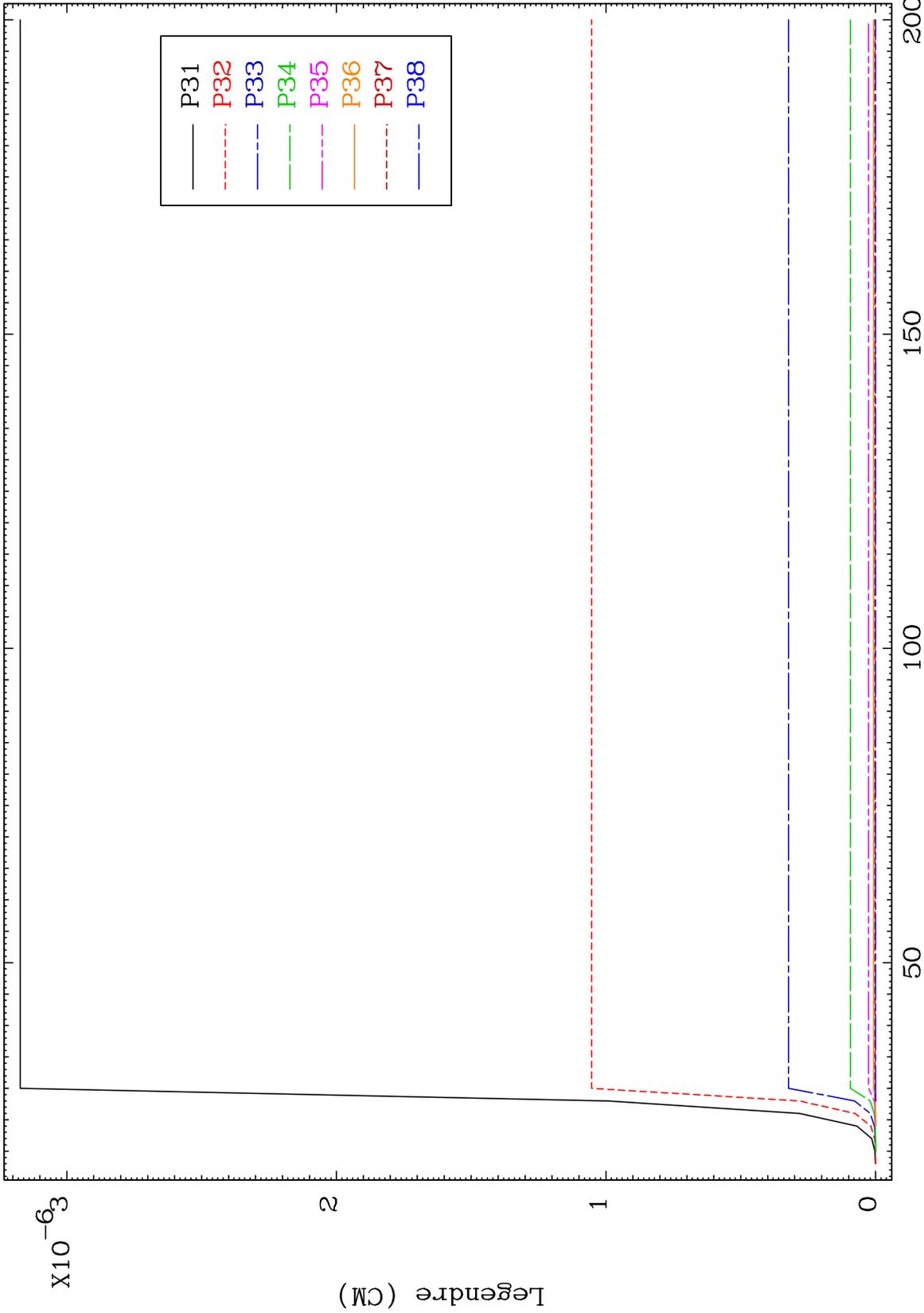
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



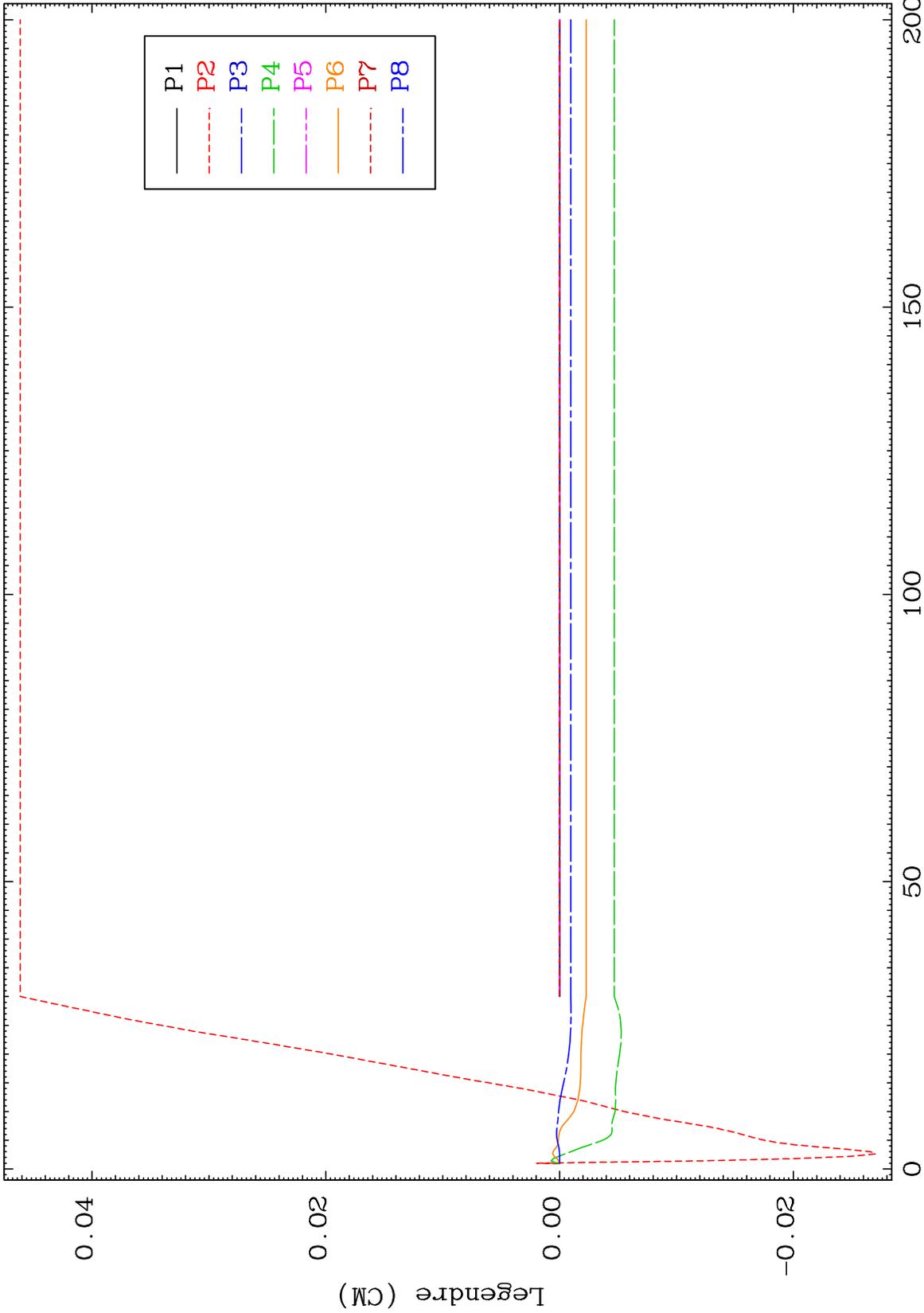
66

83-Bi-206

MAT 8316

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

83-Bi-206



67

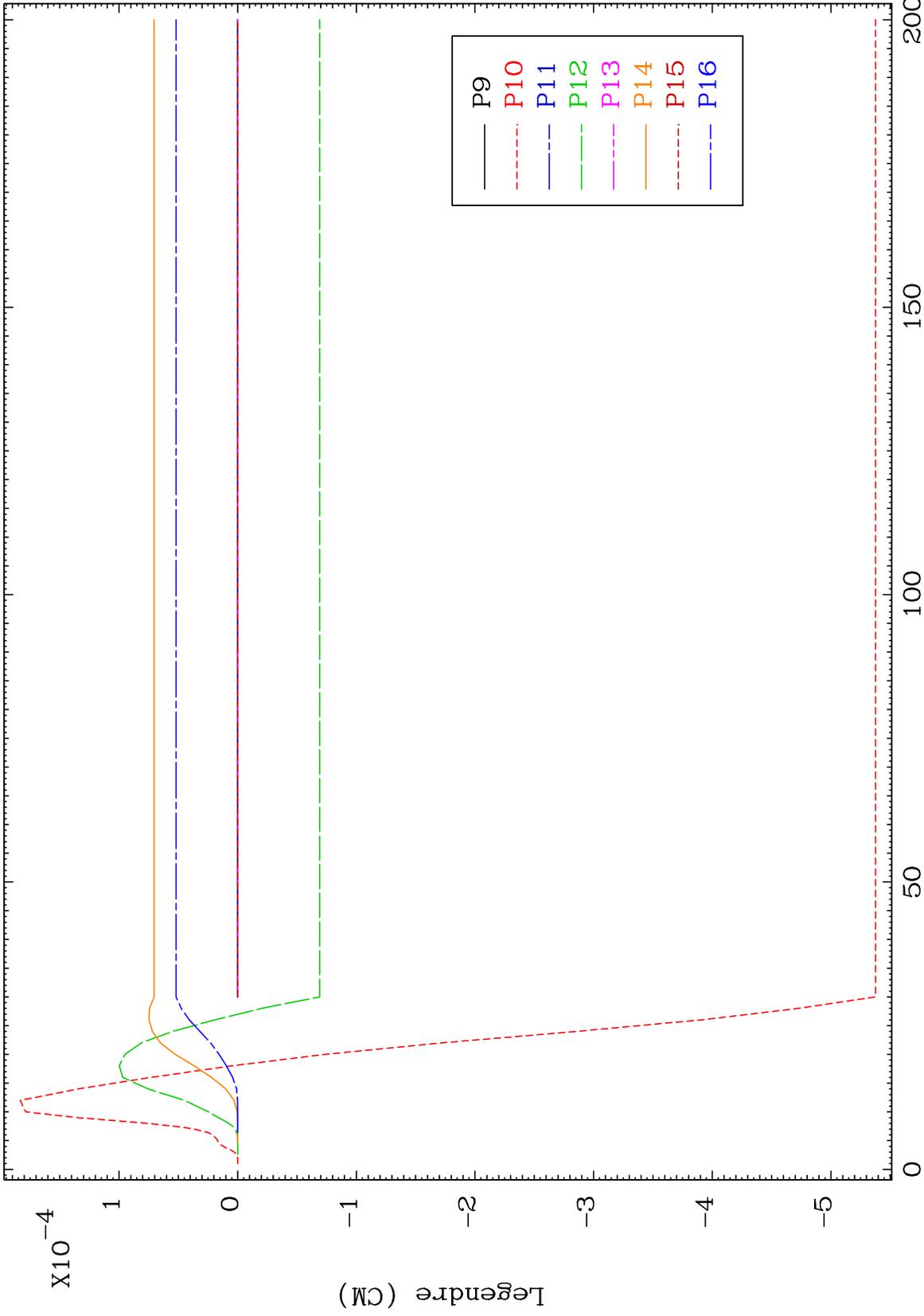
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



68

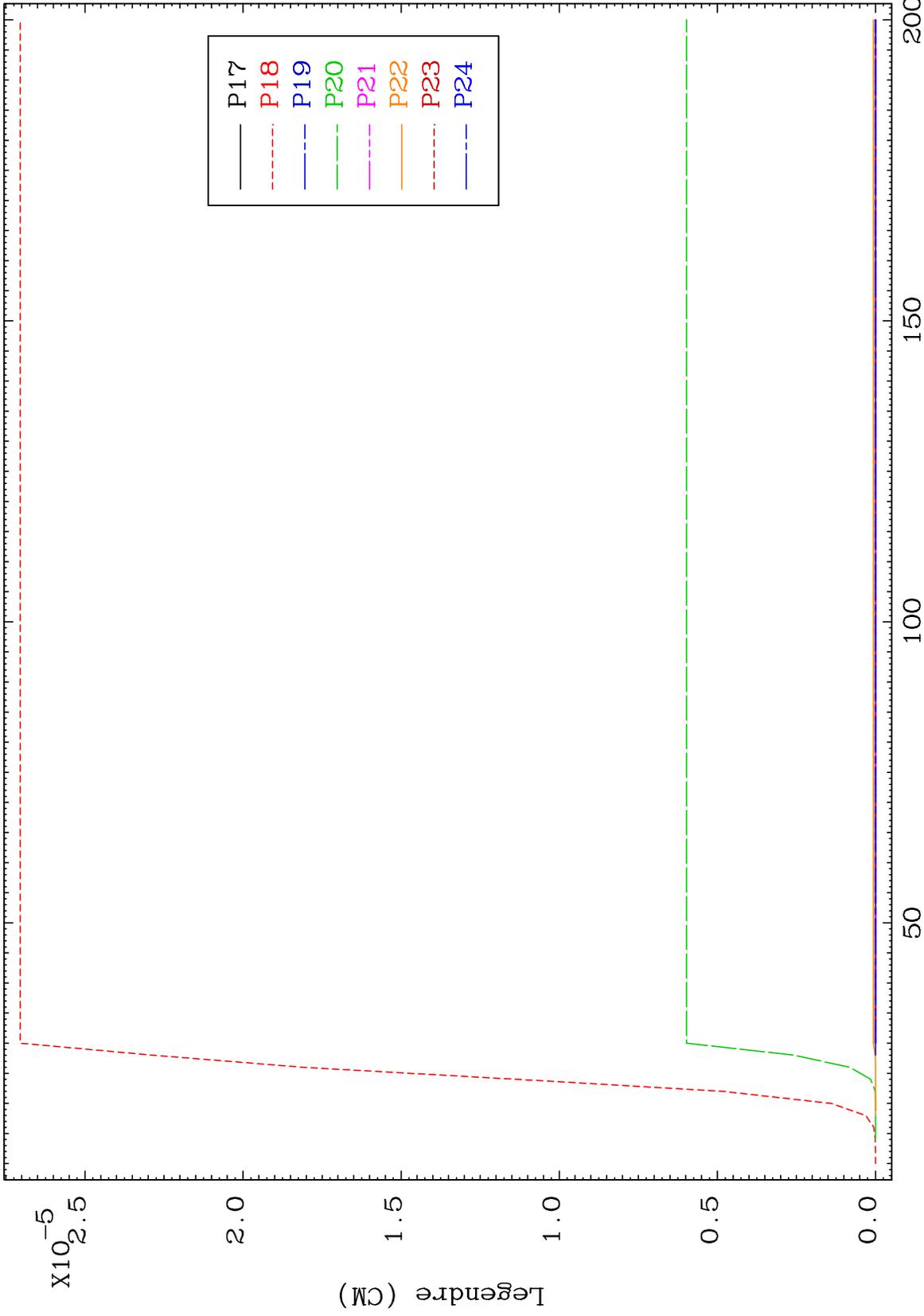
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



69

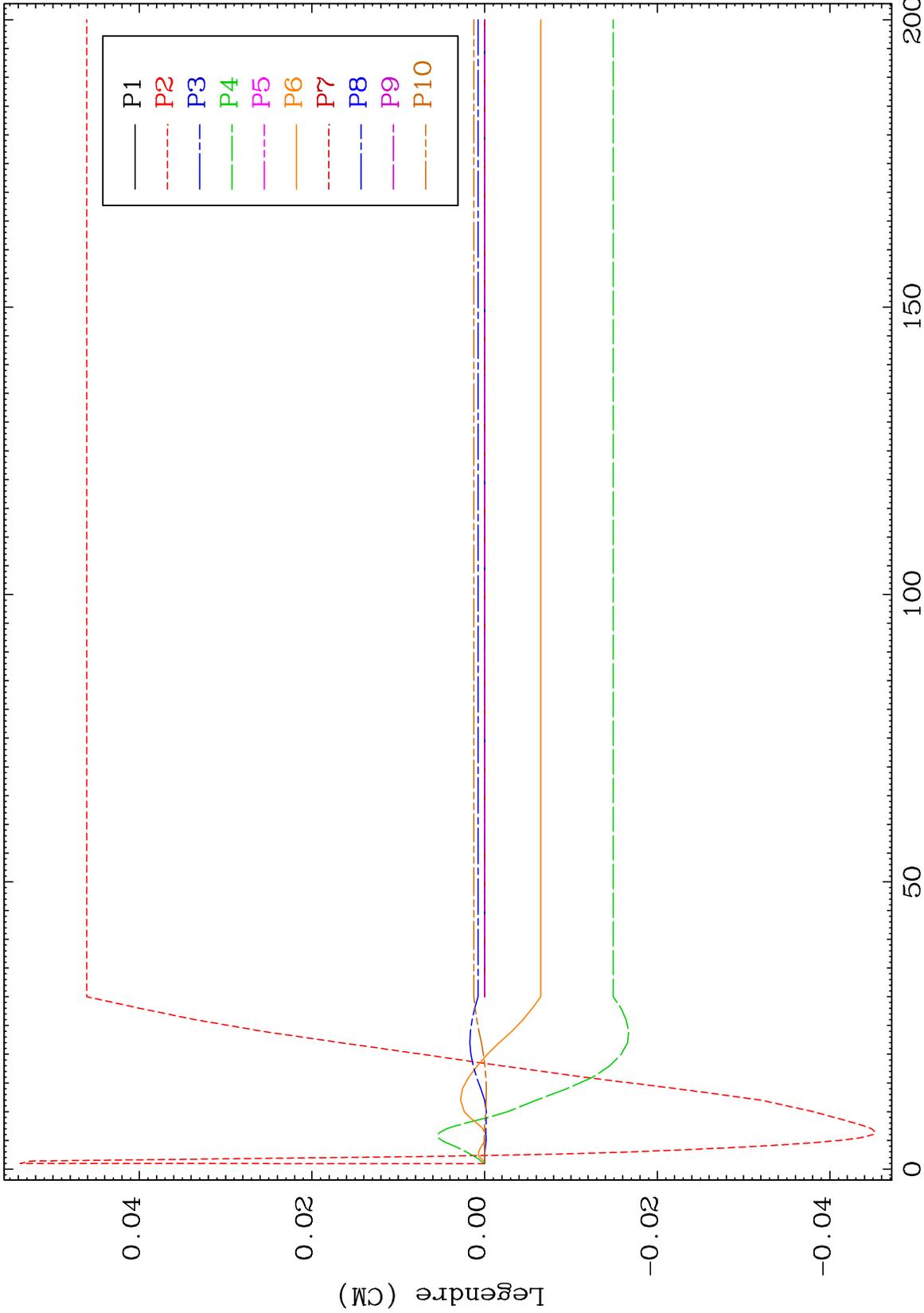
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

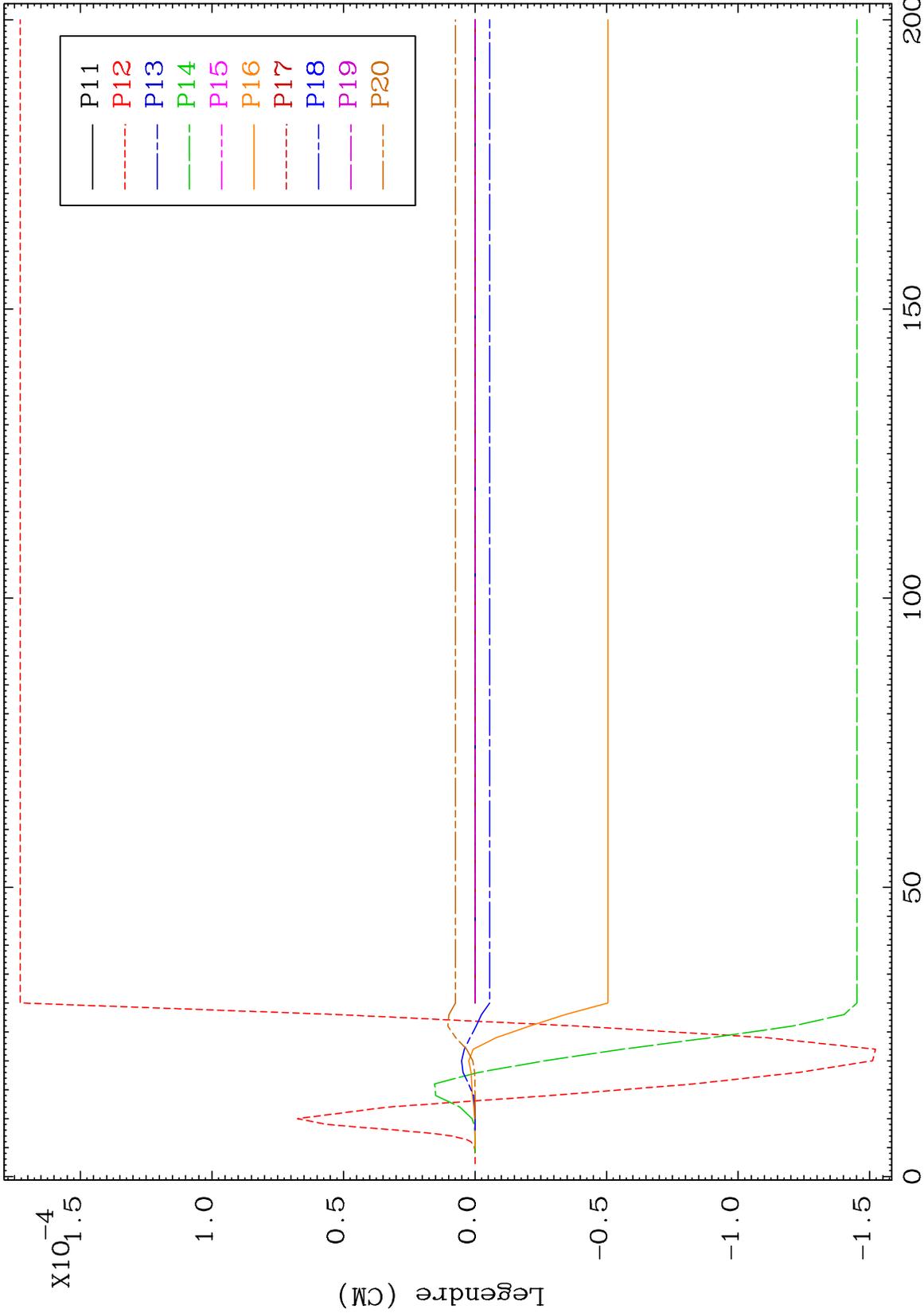
Incident Energy (MeV)

70

MAT 8316

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

83-Bi-206



71

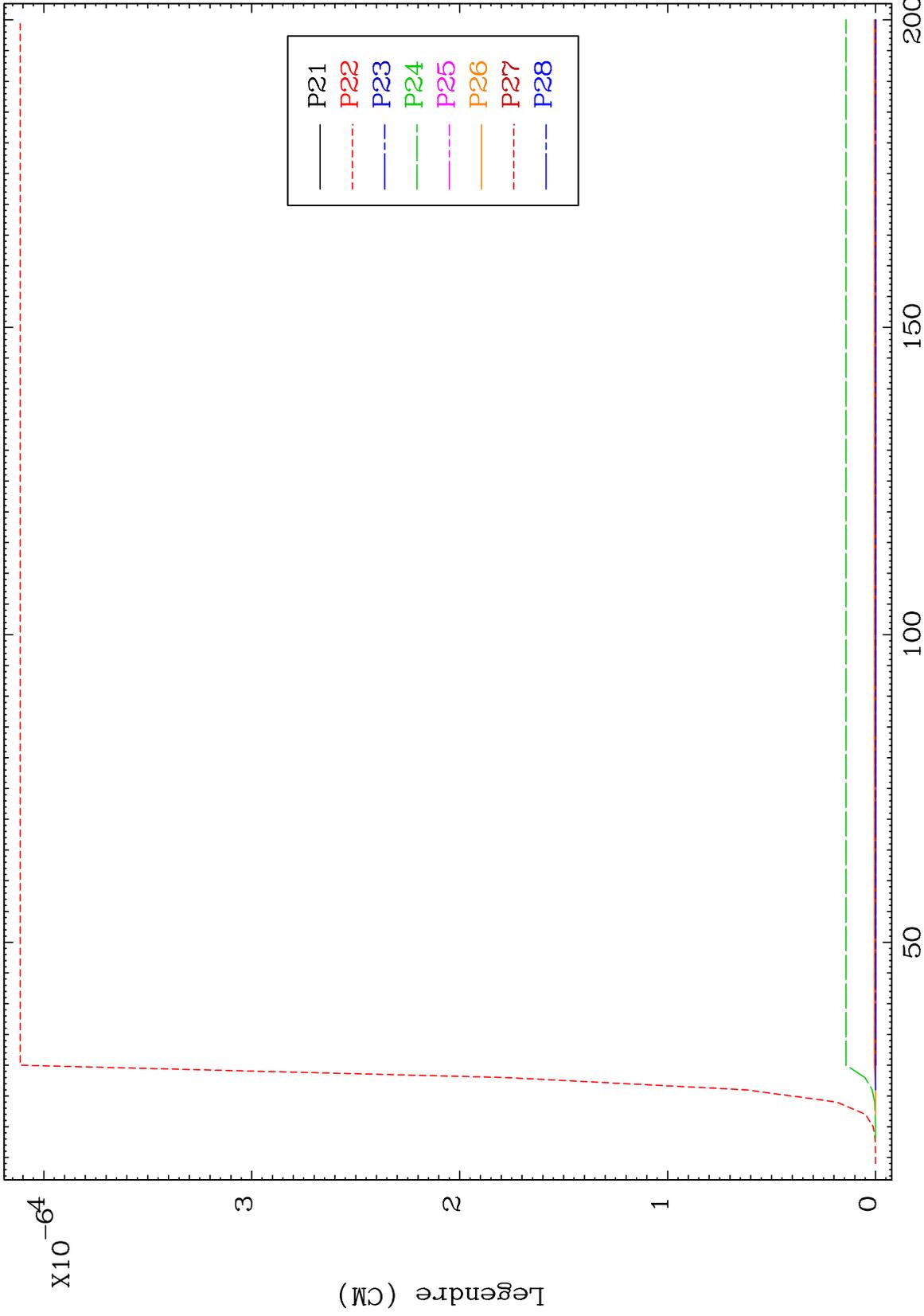
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



72

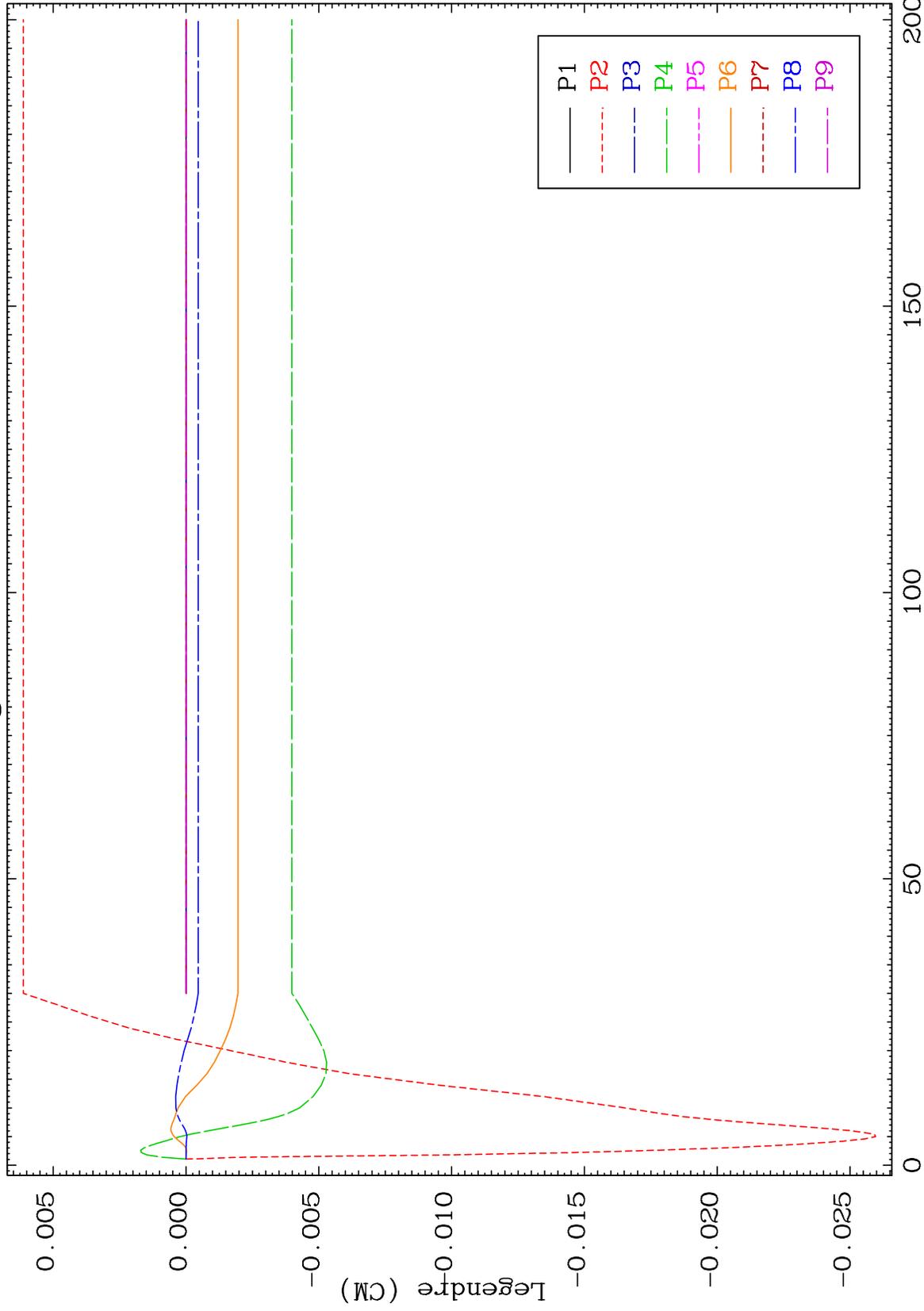
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



73

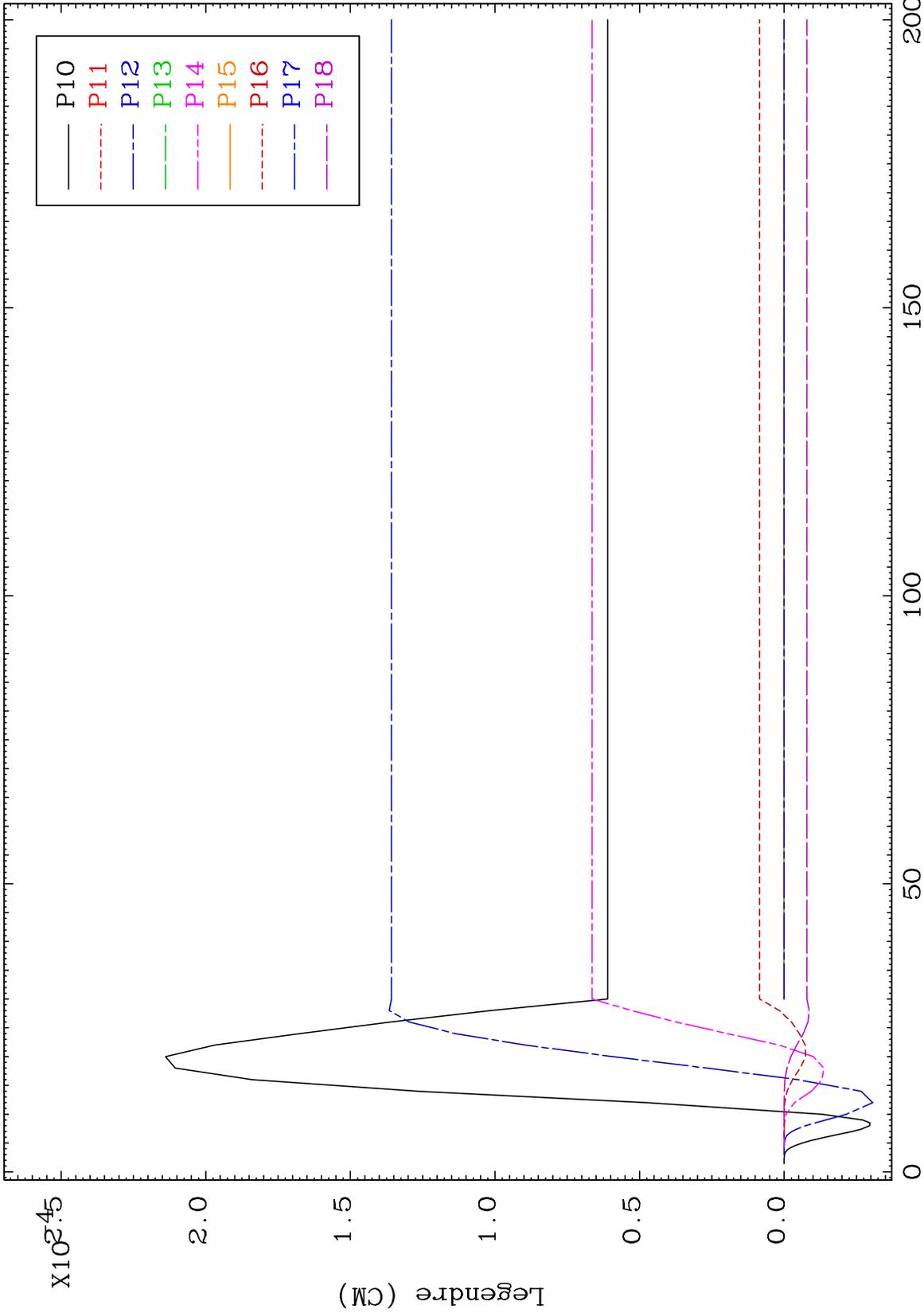
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



74

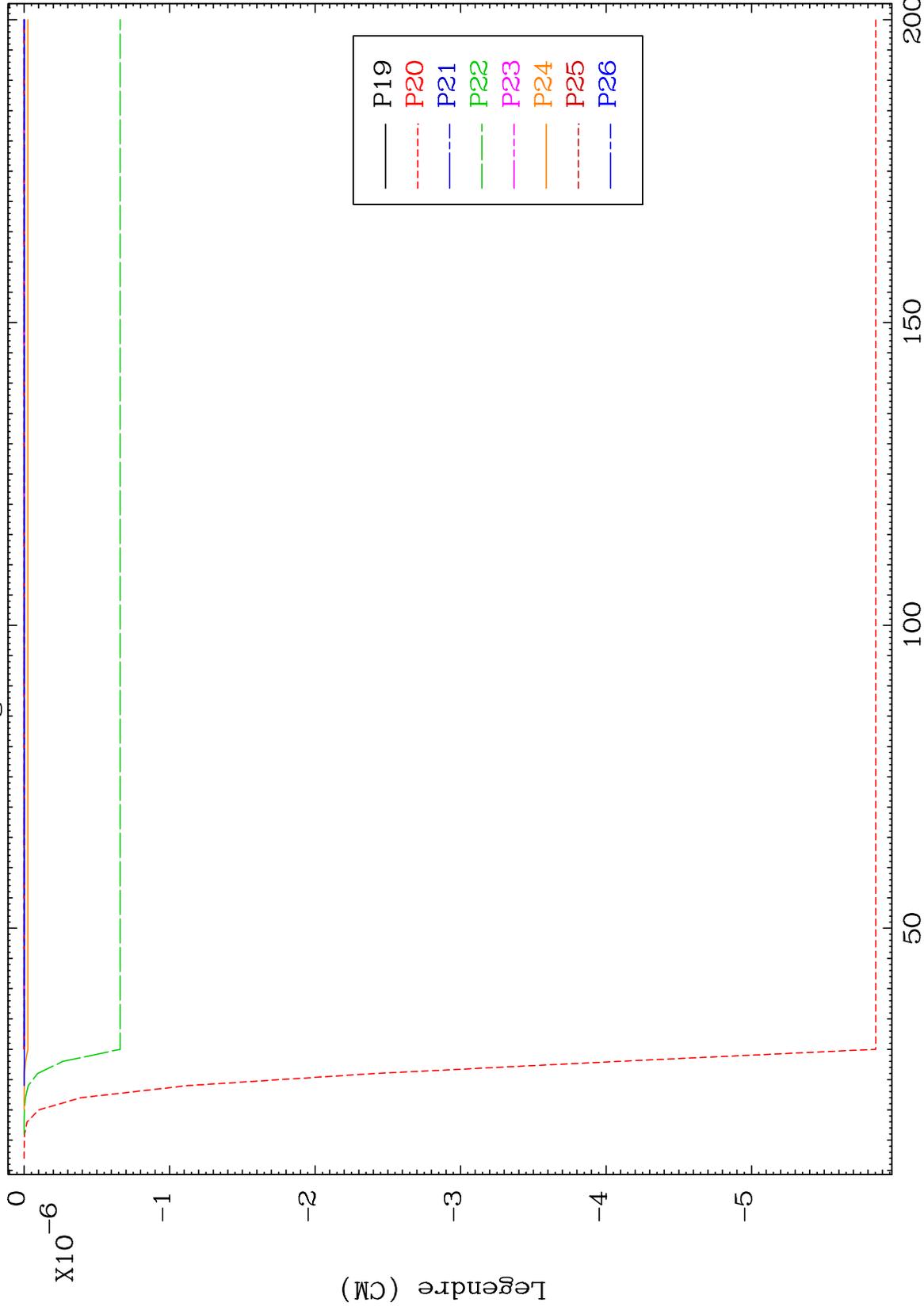
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



75

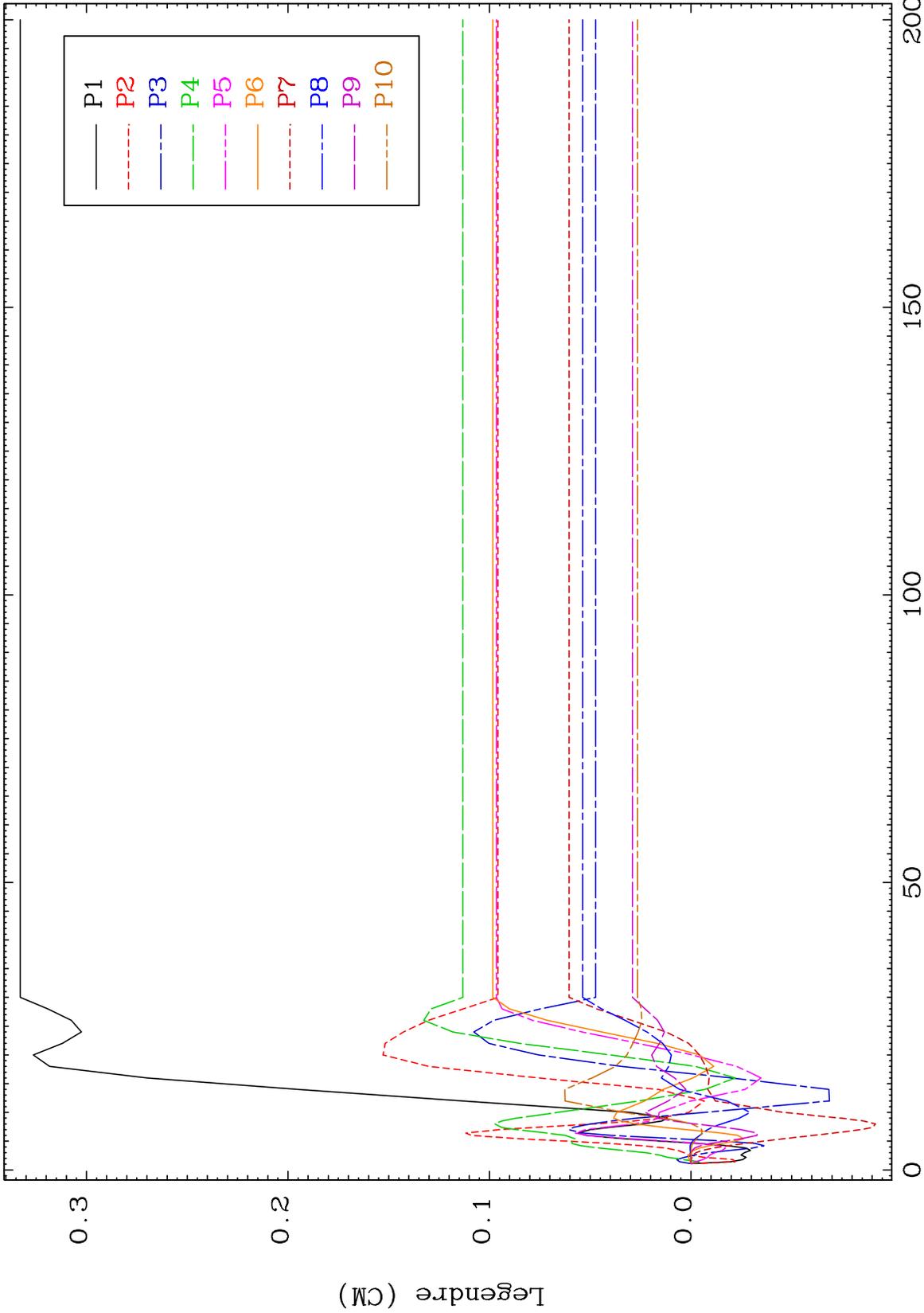
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



76

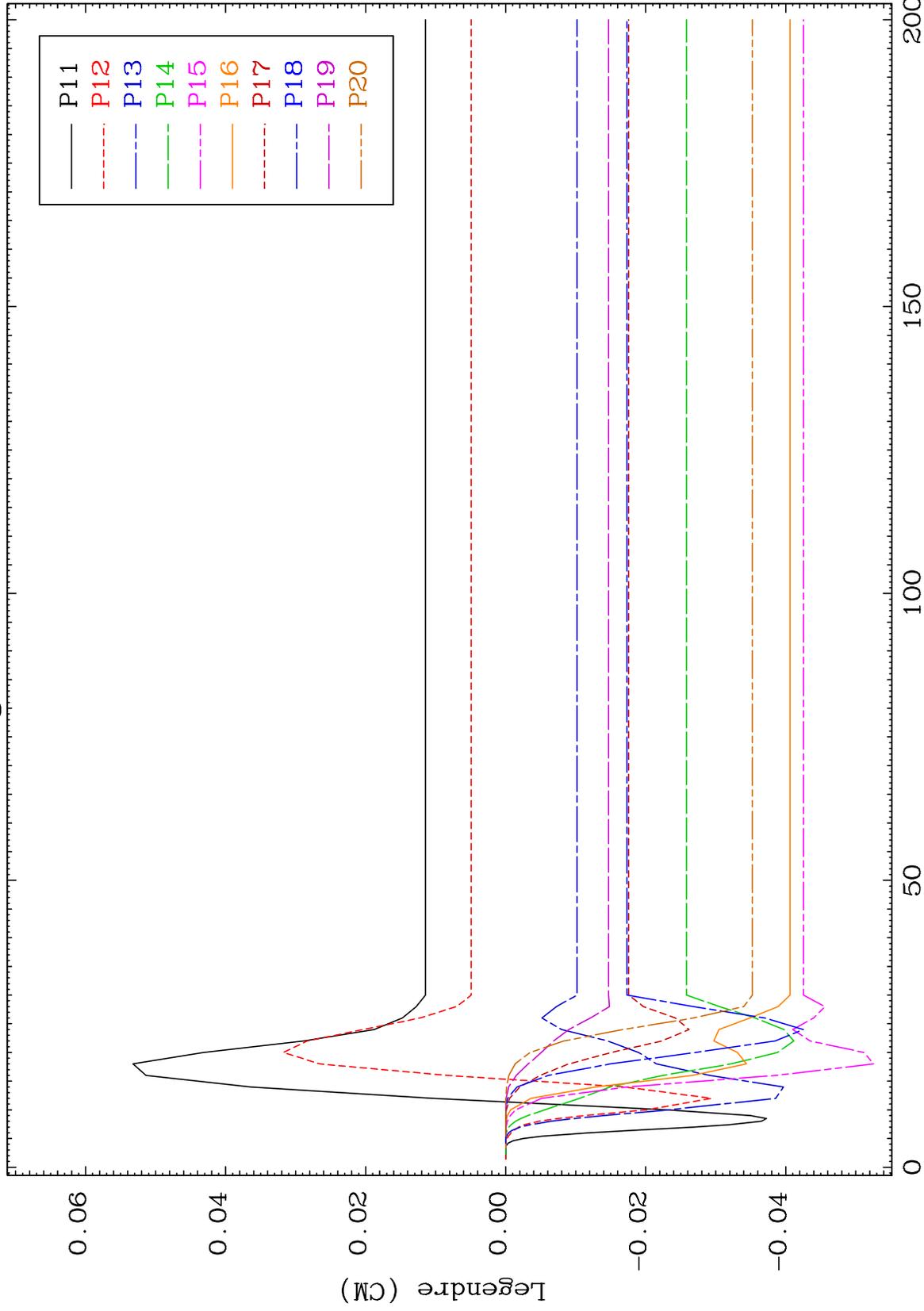
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



77

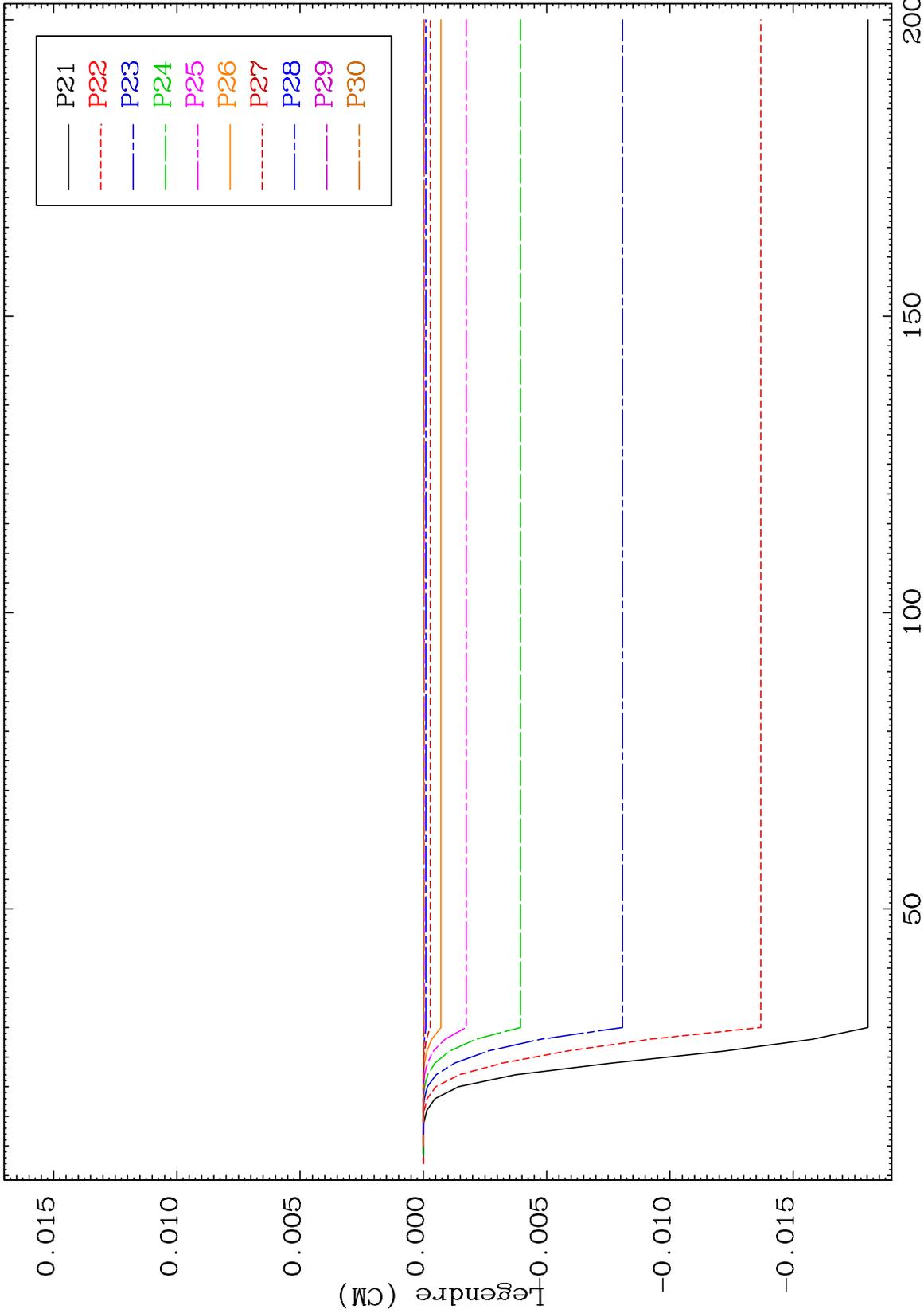
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



78

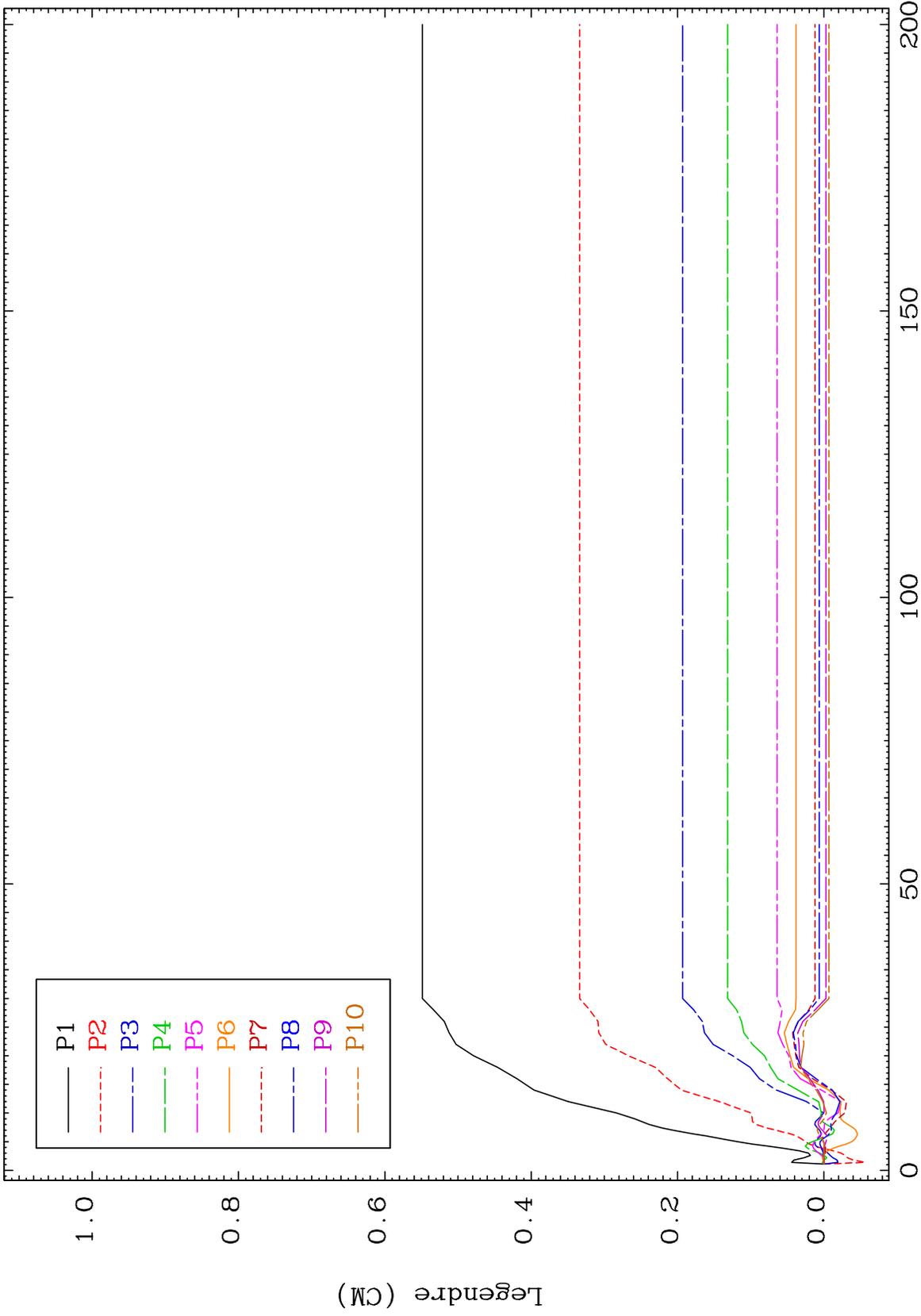
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



80

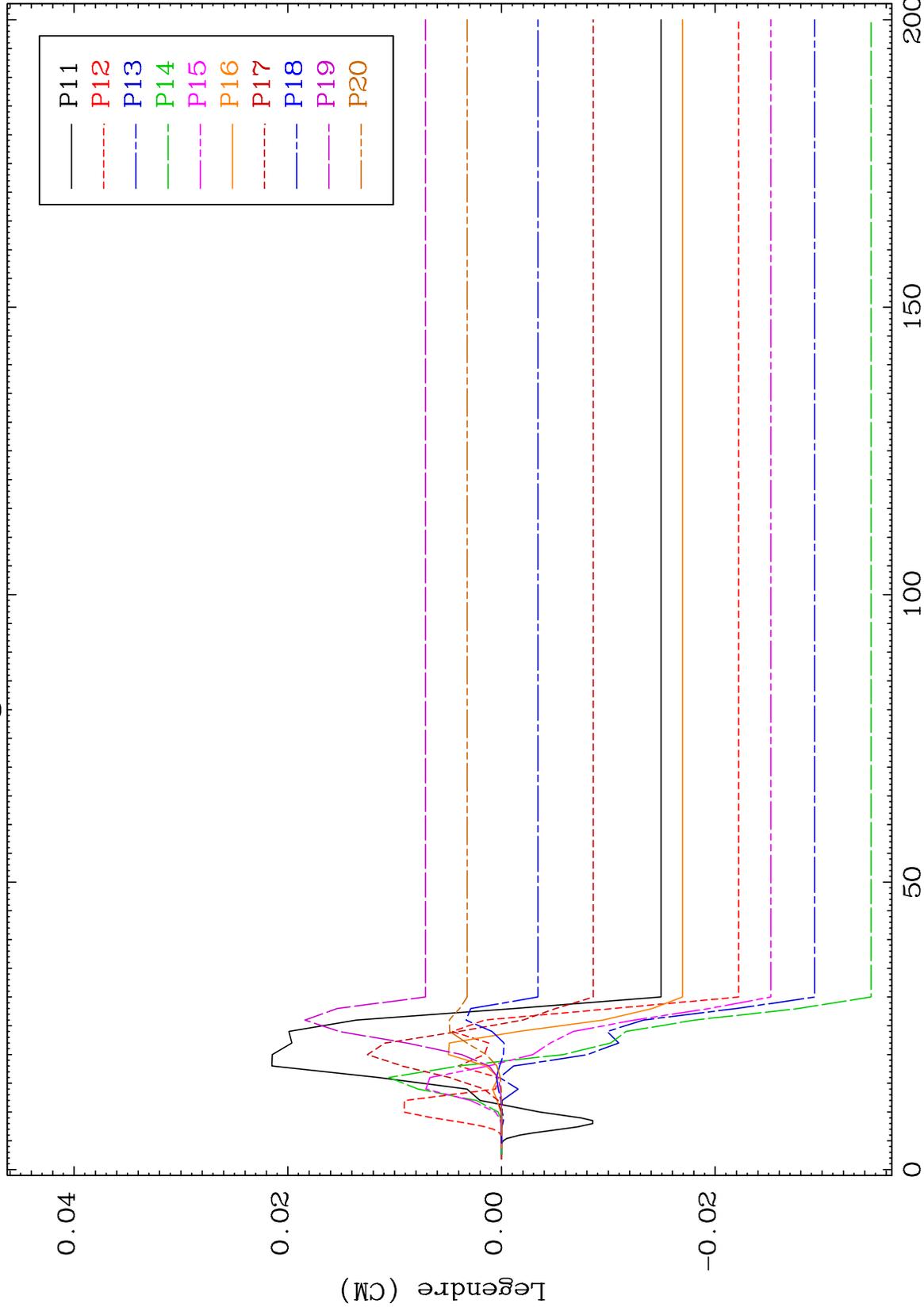
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



81

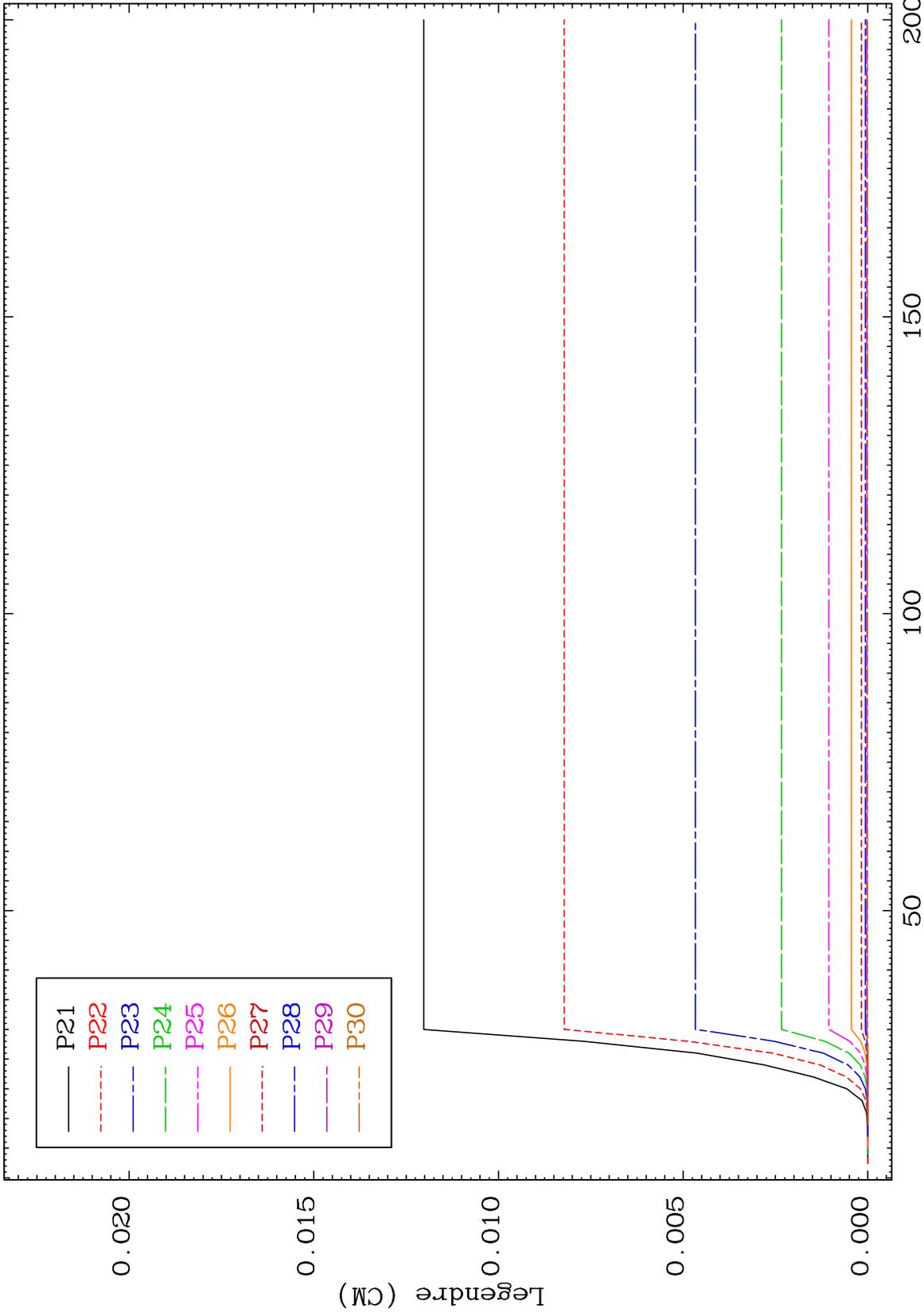
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



82

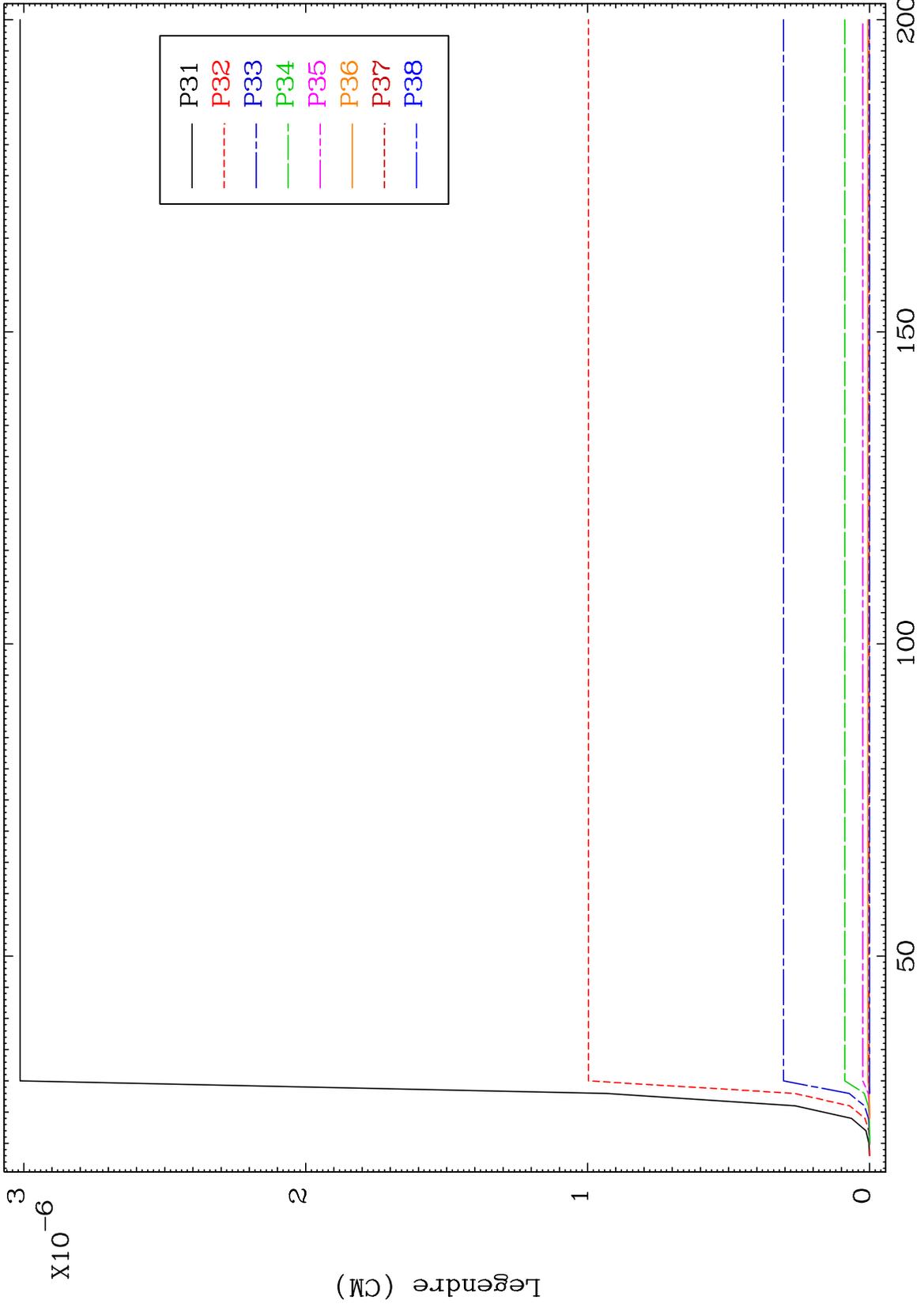
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83

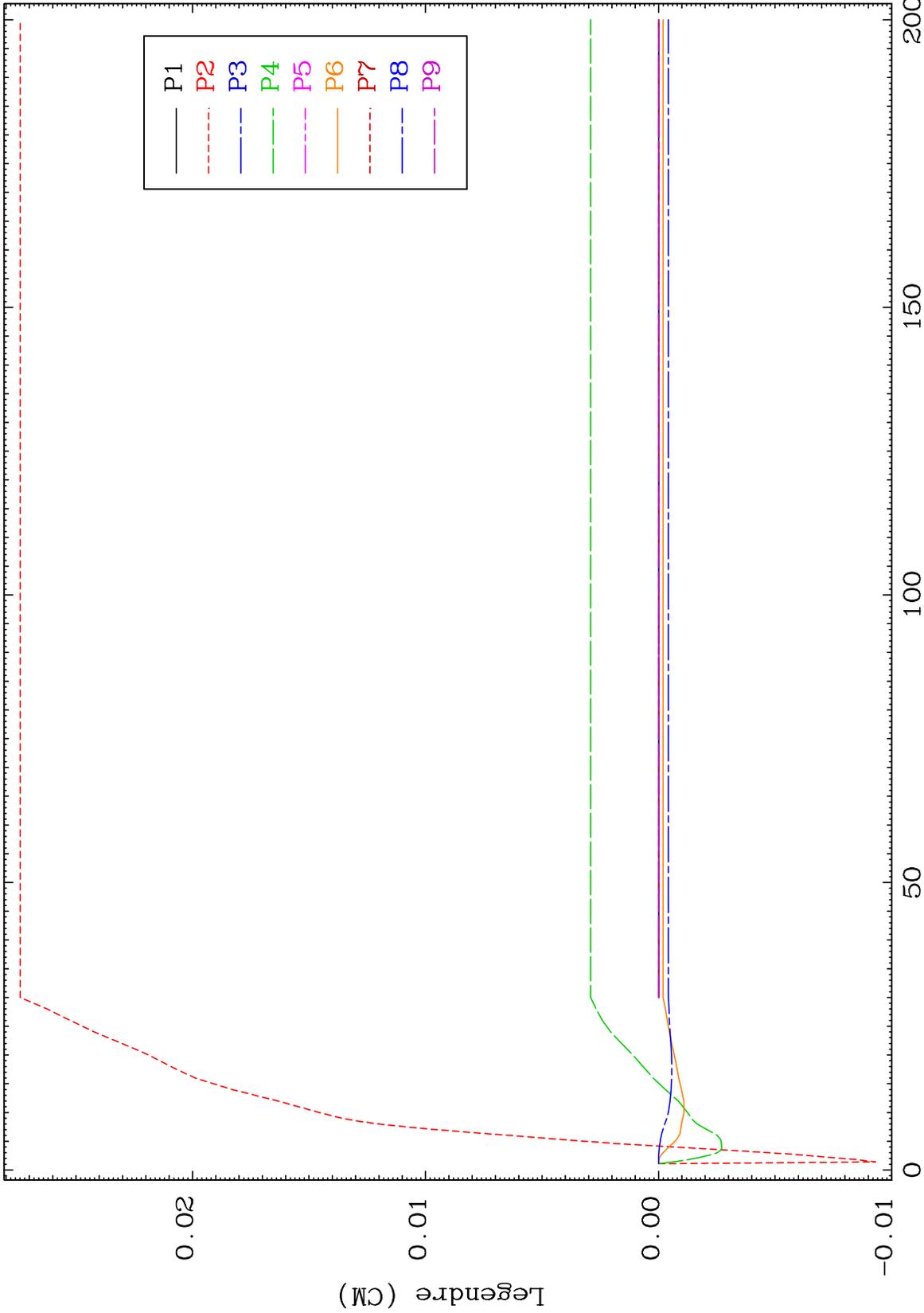
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



84

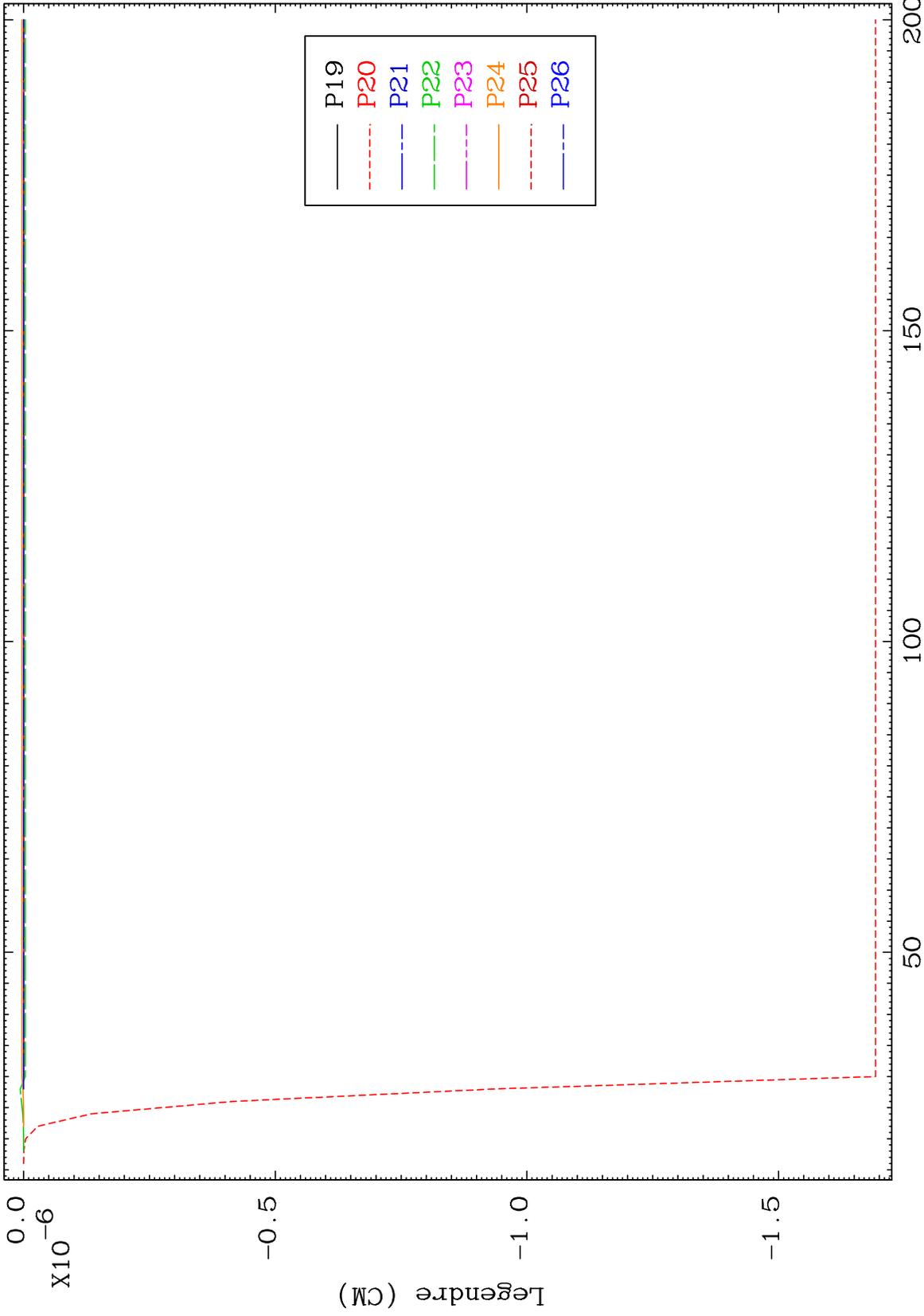
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



86

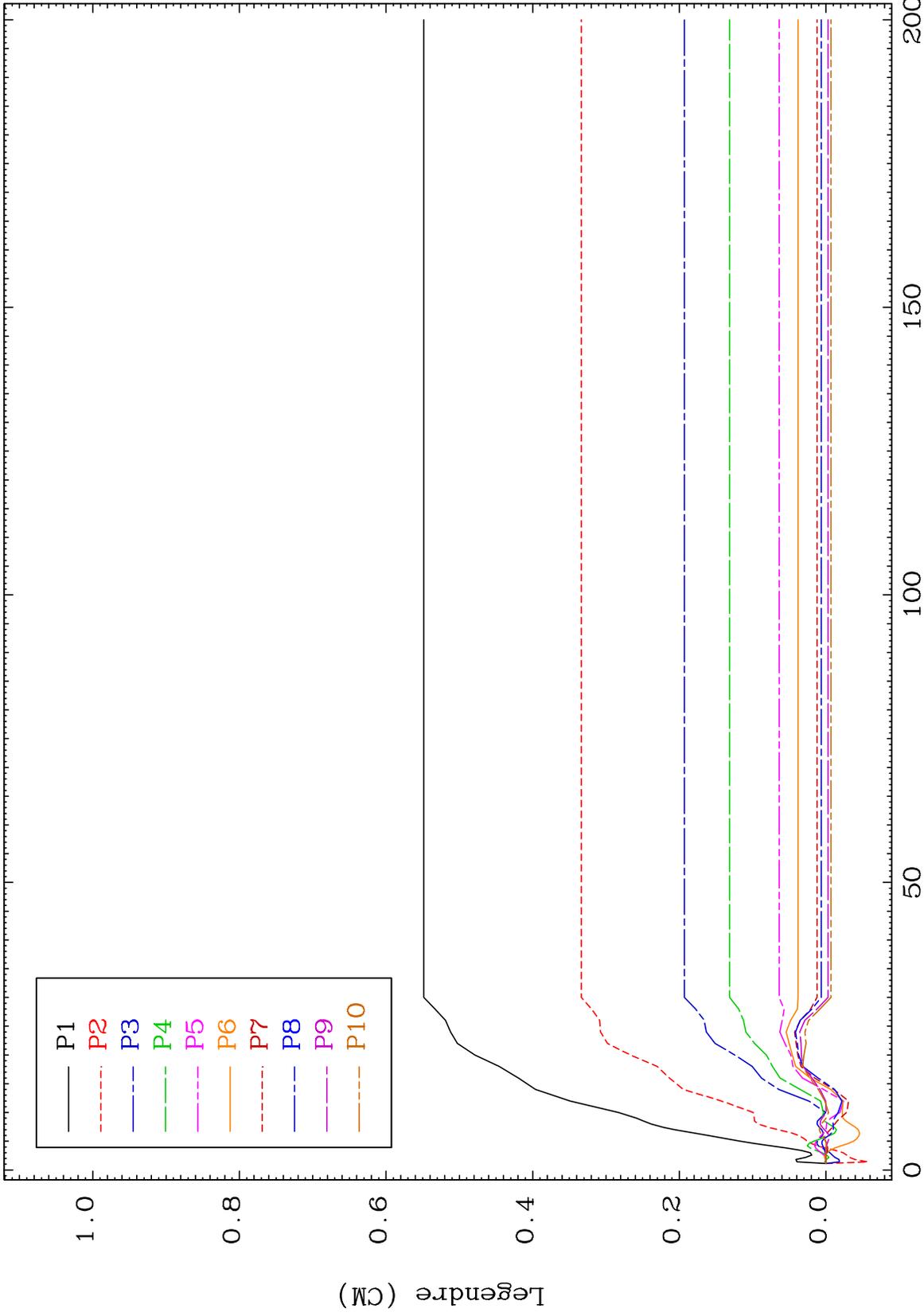
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



87

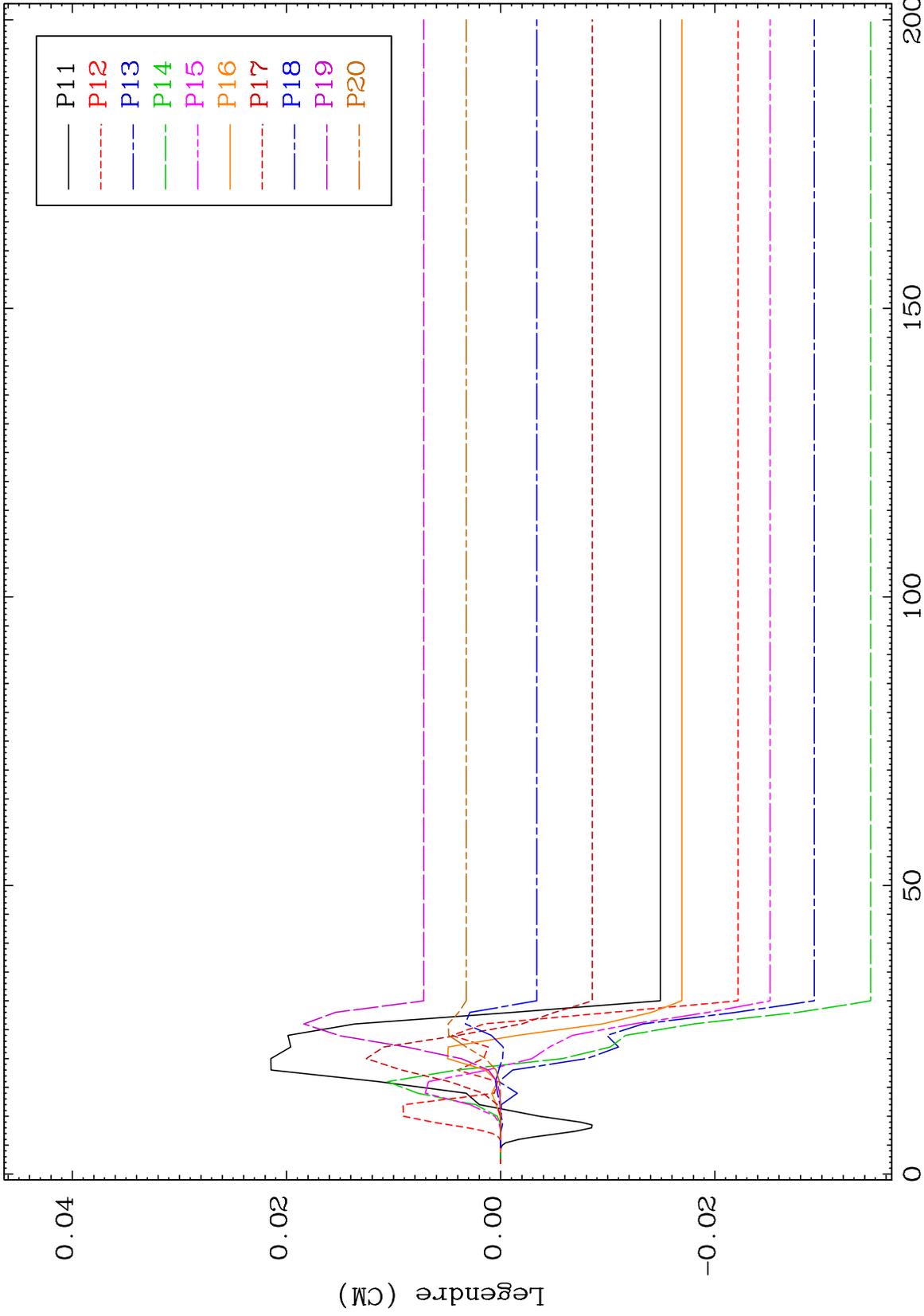
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

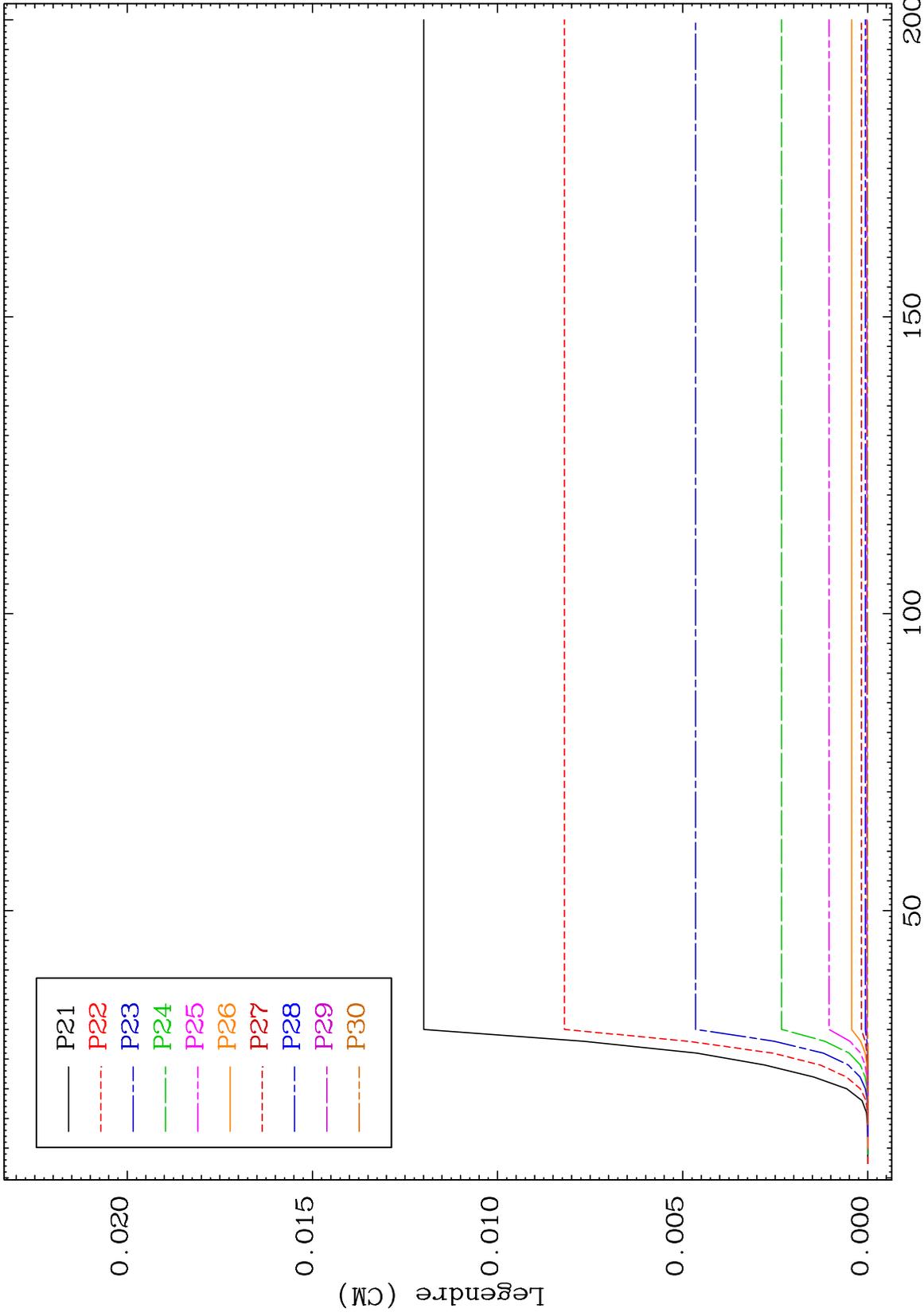
83-Bi-206



88

Incident Energy (MeV)

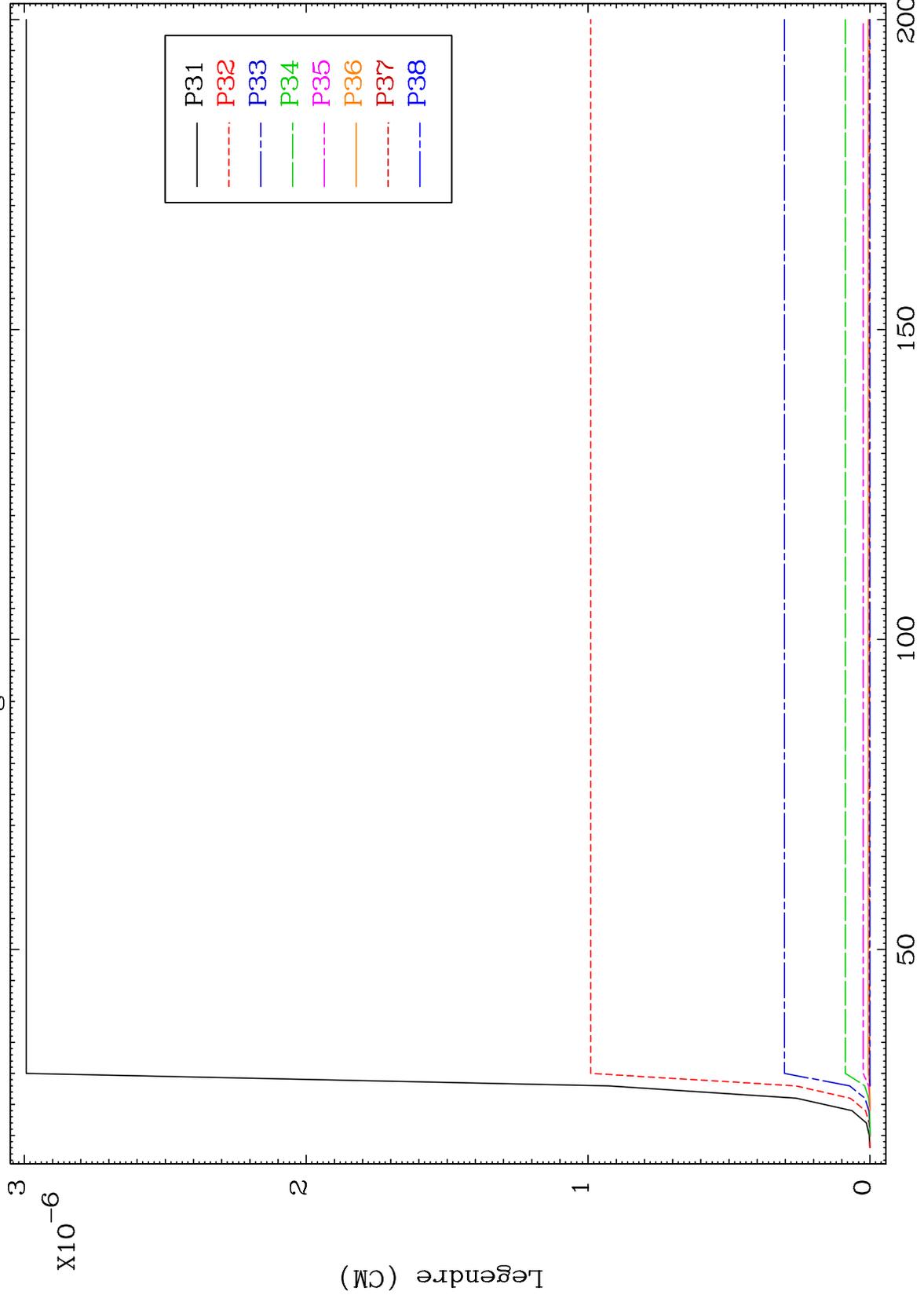
83-Bi-206



MAT 8316

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

83-Bi-206



90

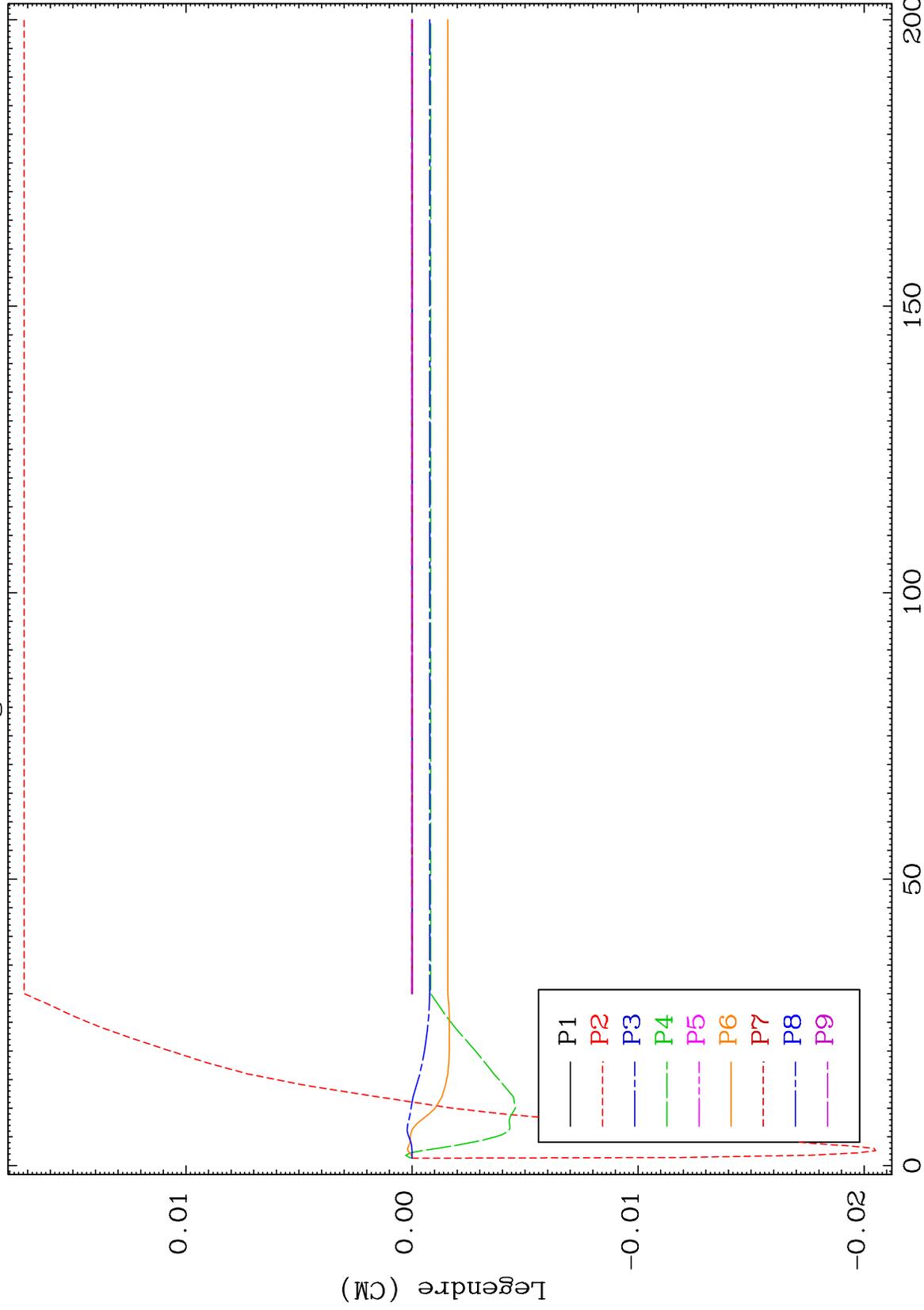
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



91

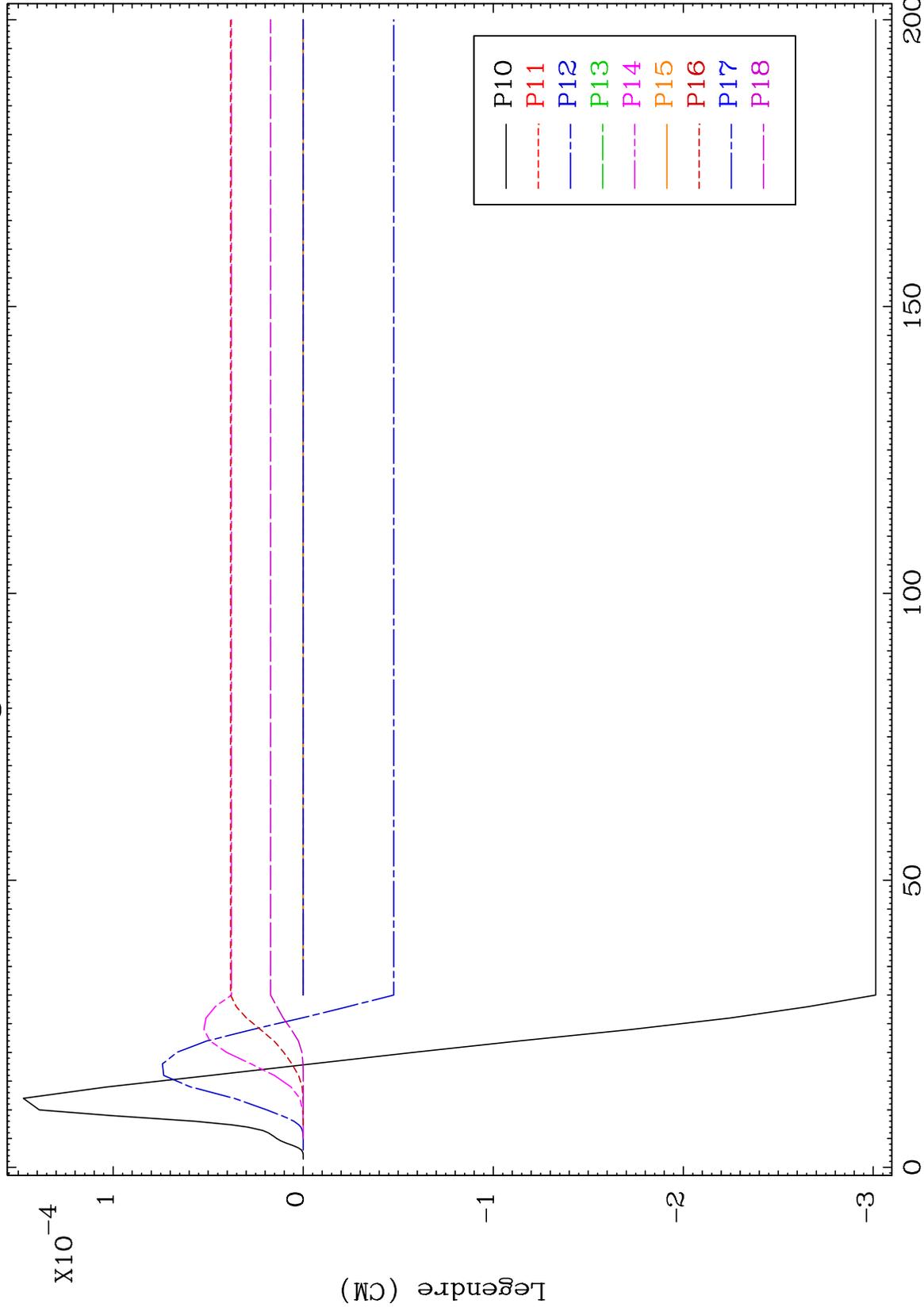
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206

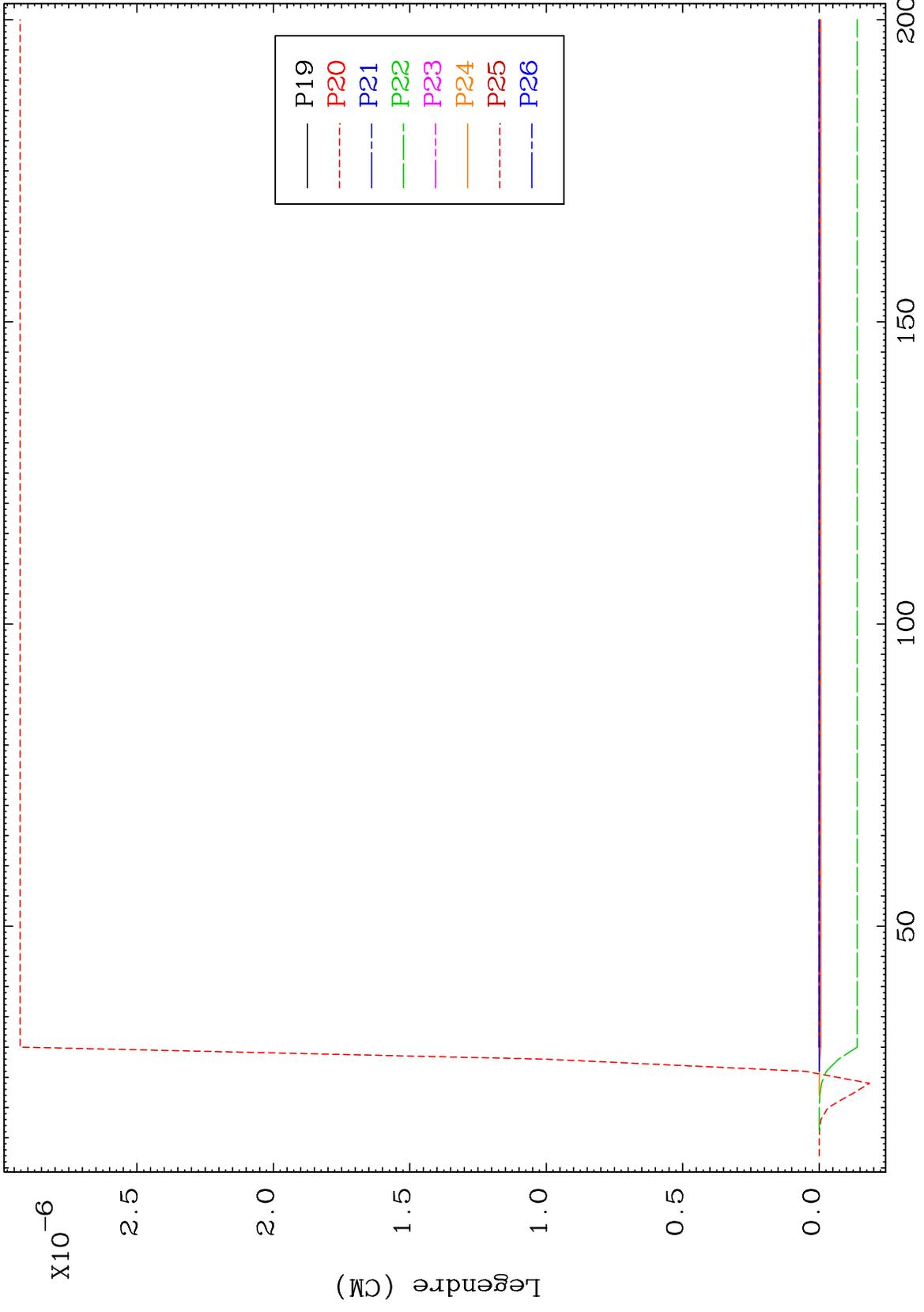


92

Incident Energy (MeV)

83-Bi-206

MAT 8316 MT= 71 (n,n') Level Legendre Coefficients 83-Bi-206

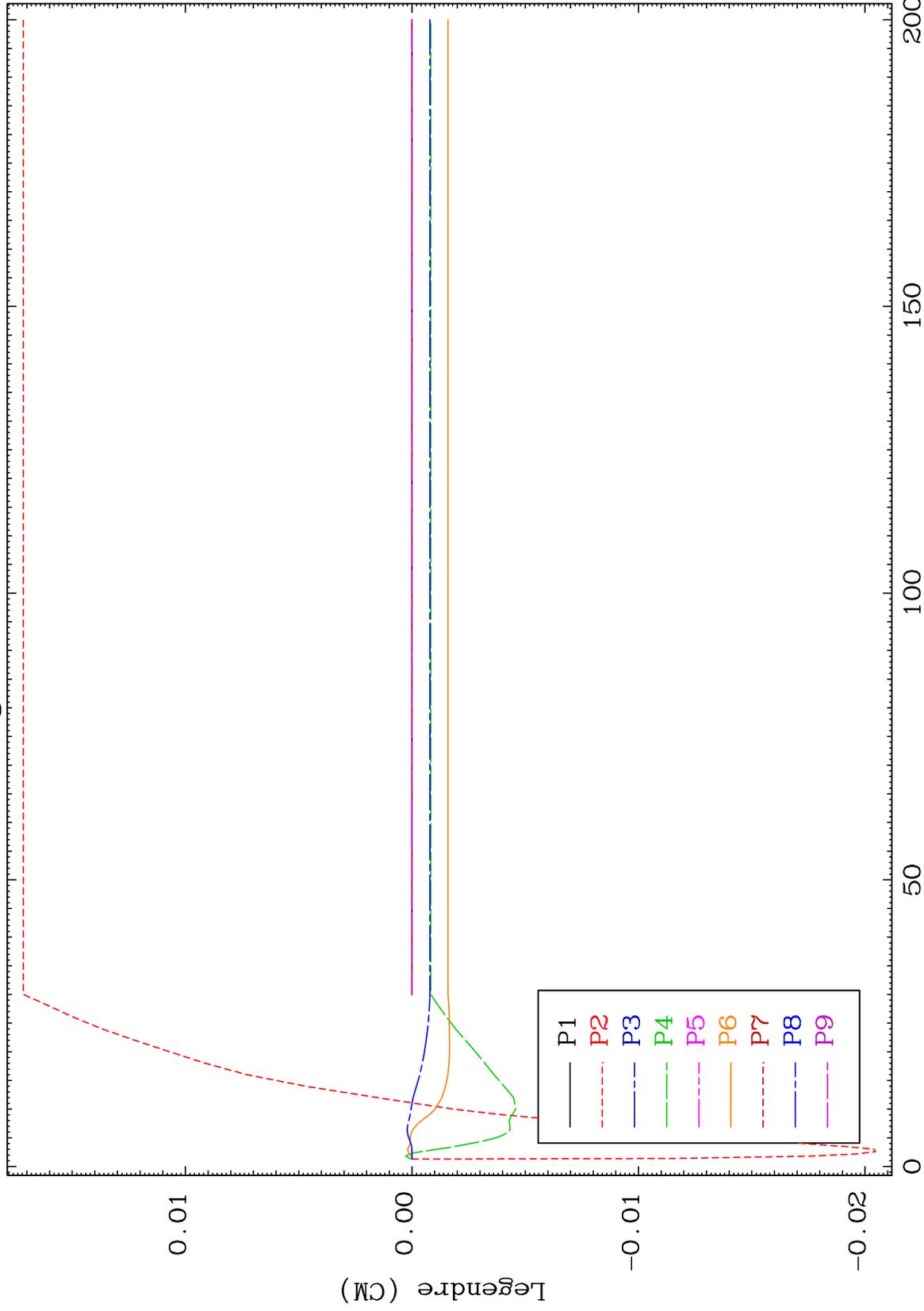


93 83-Bi-206

MAT 8316

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

83-Bi-206



94

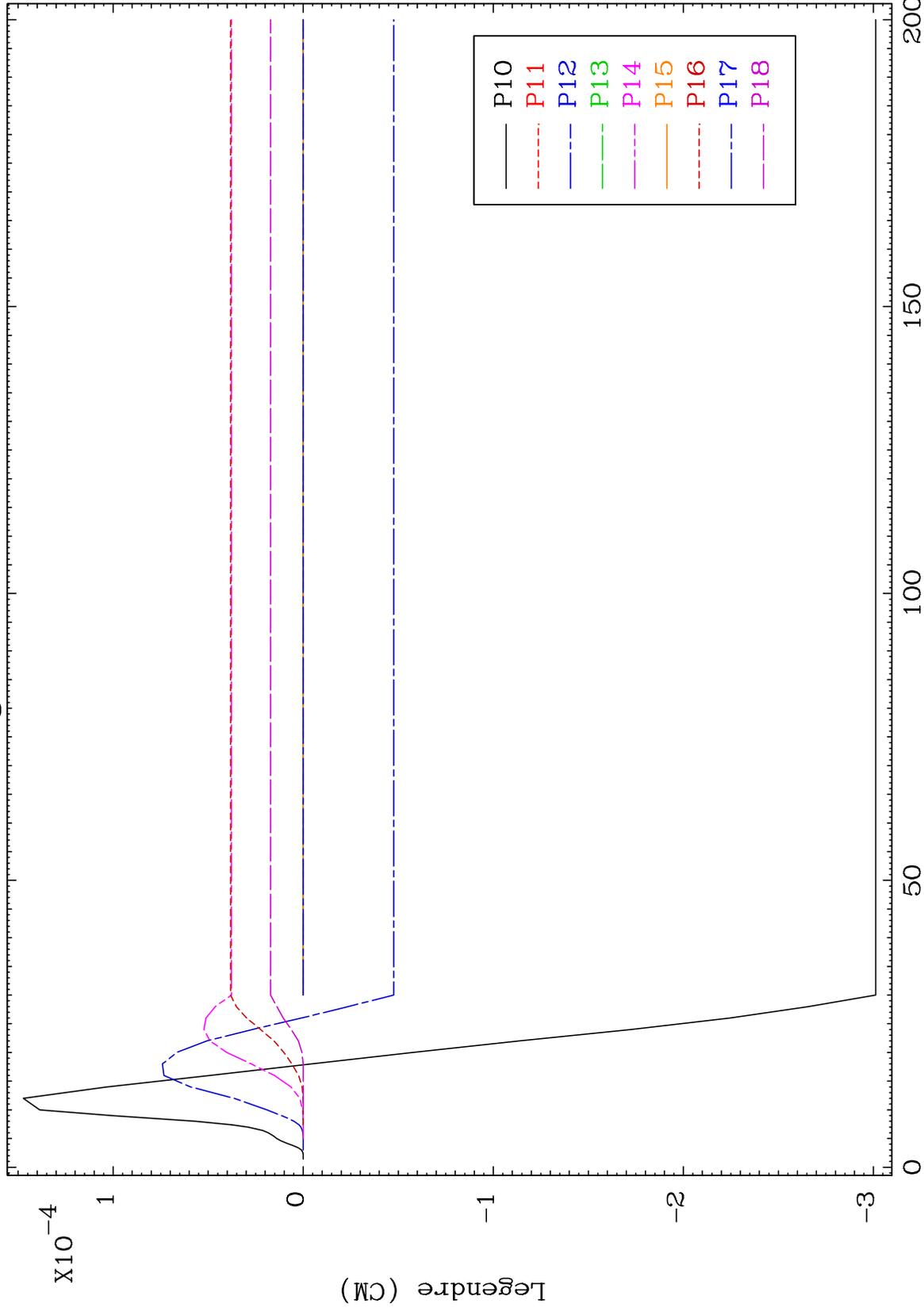
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



95

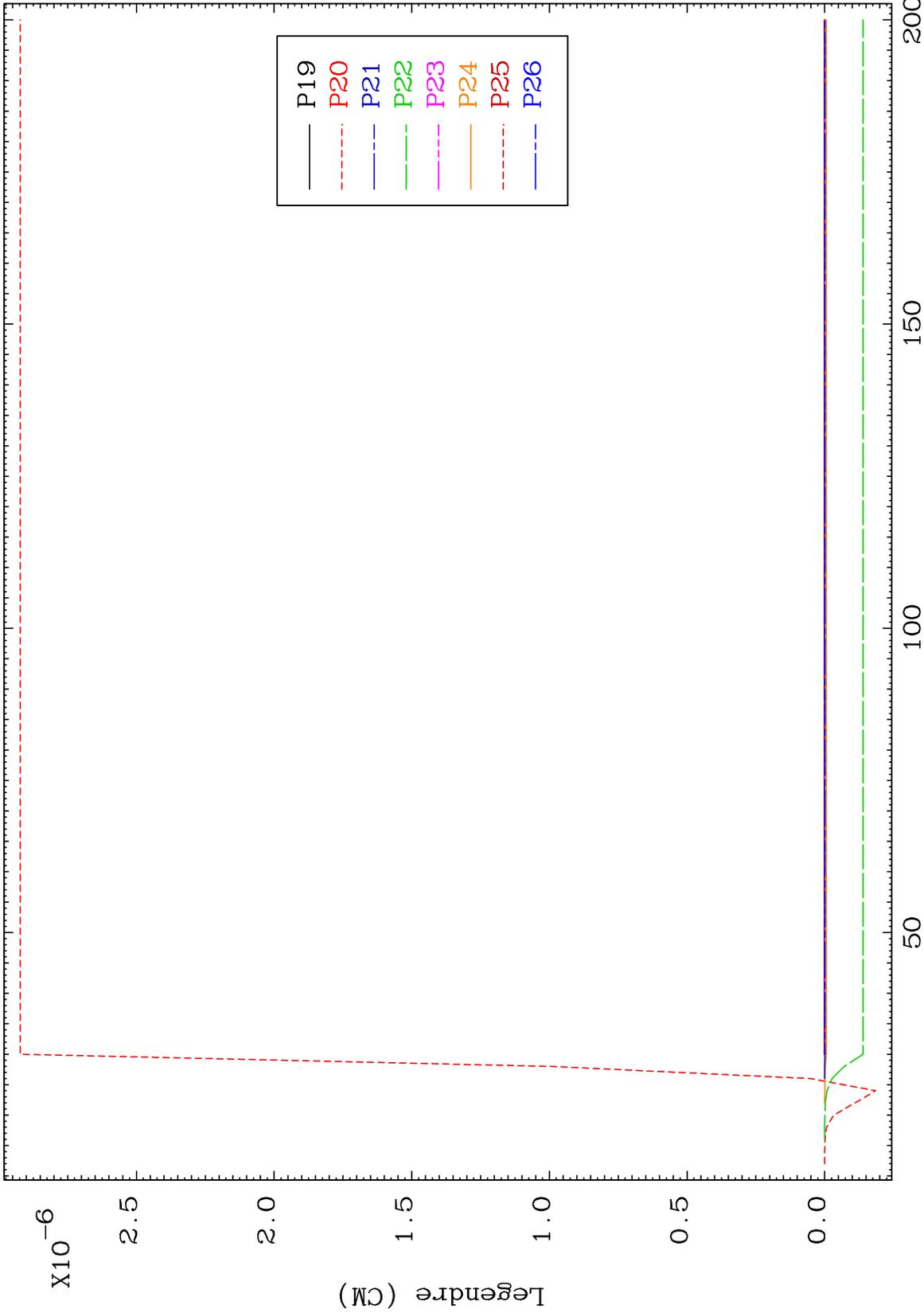
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



96

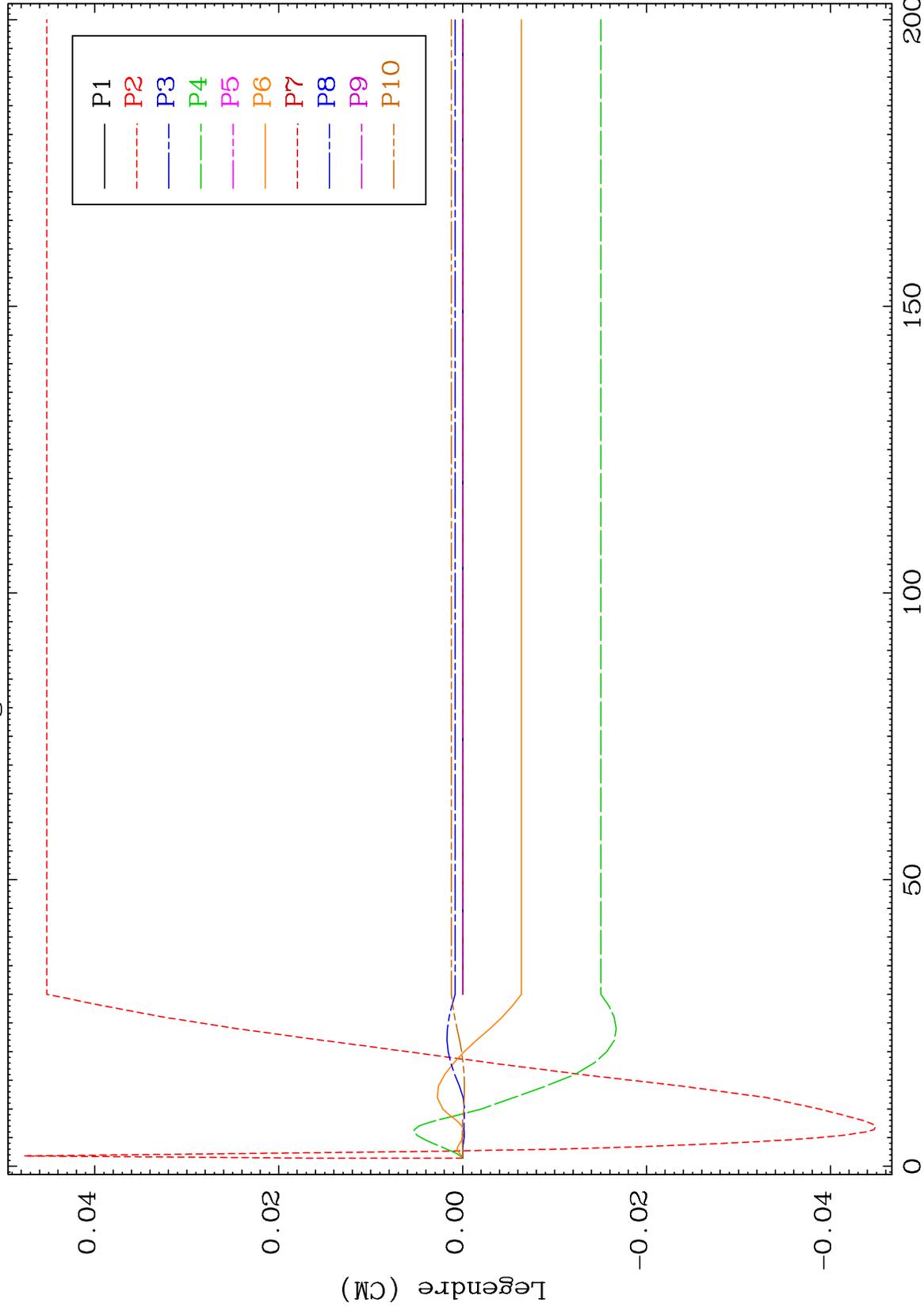
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



97

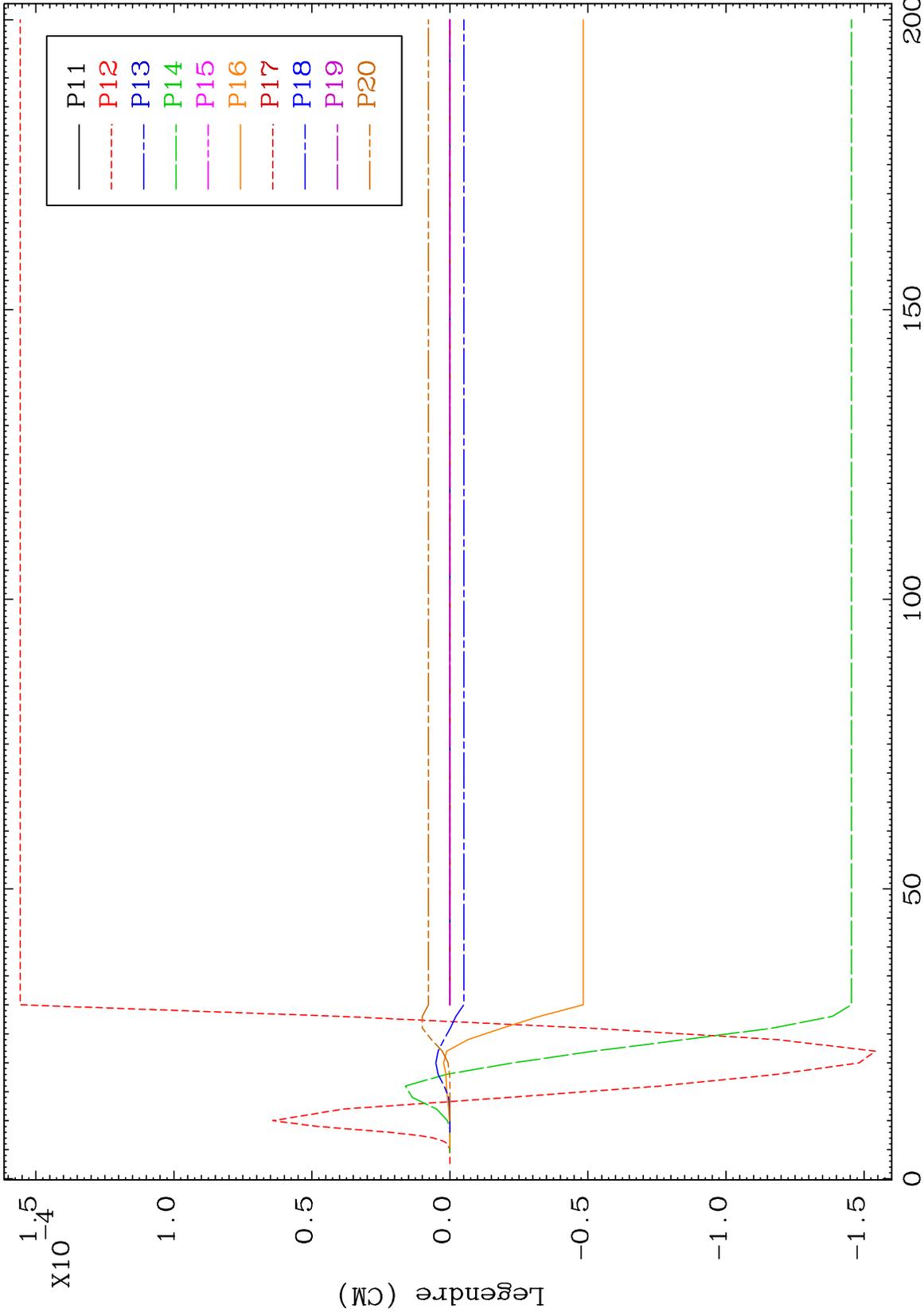
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



98

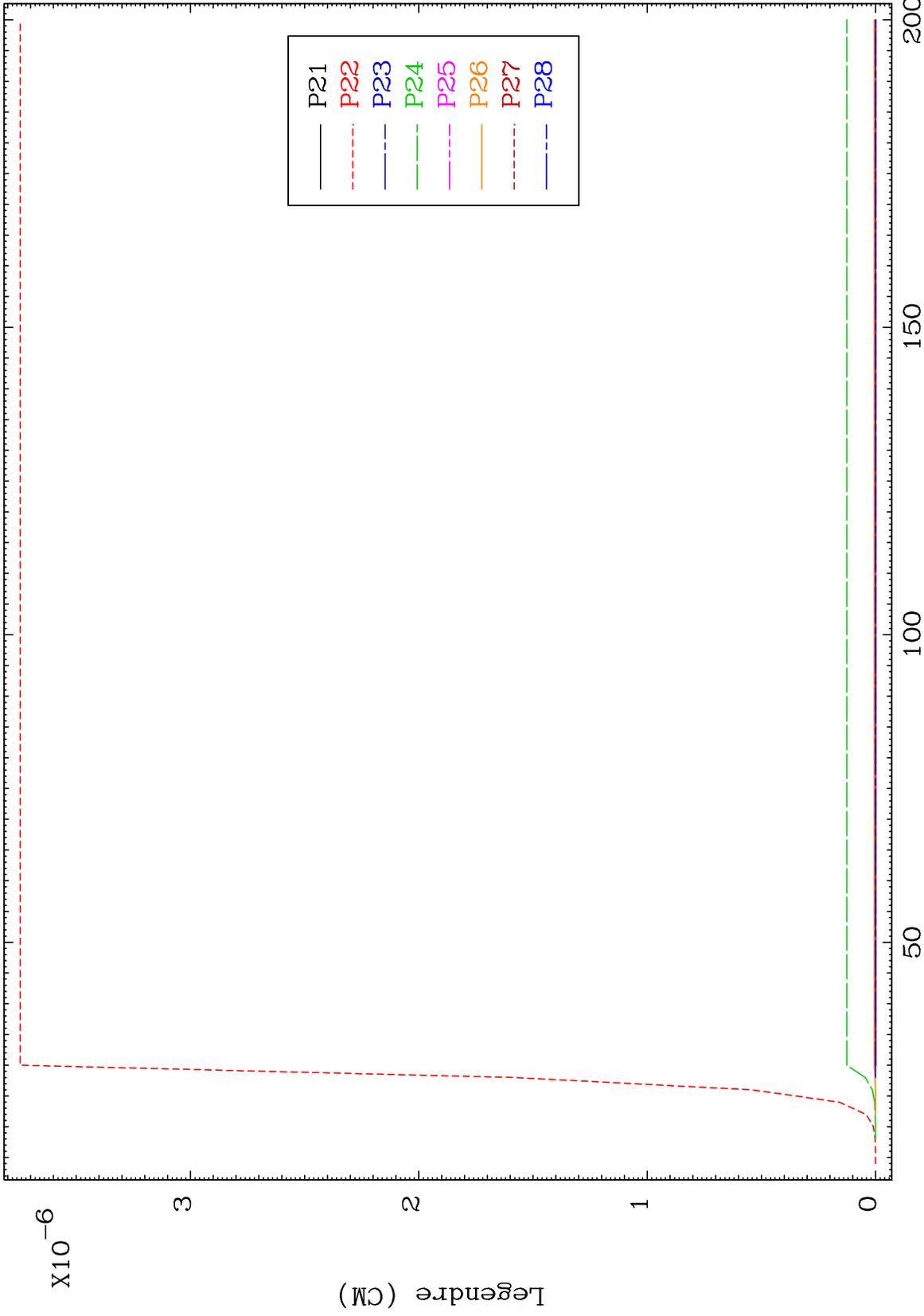
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



99

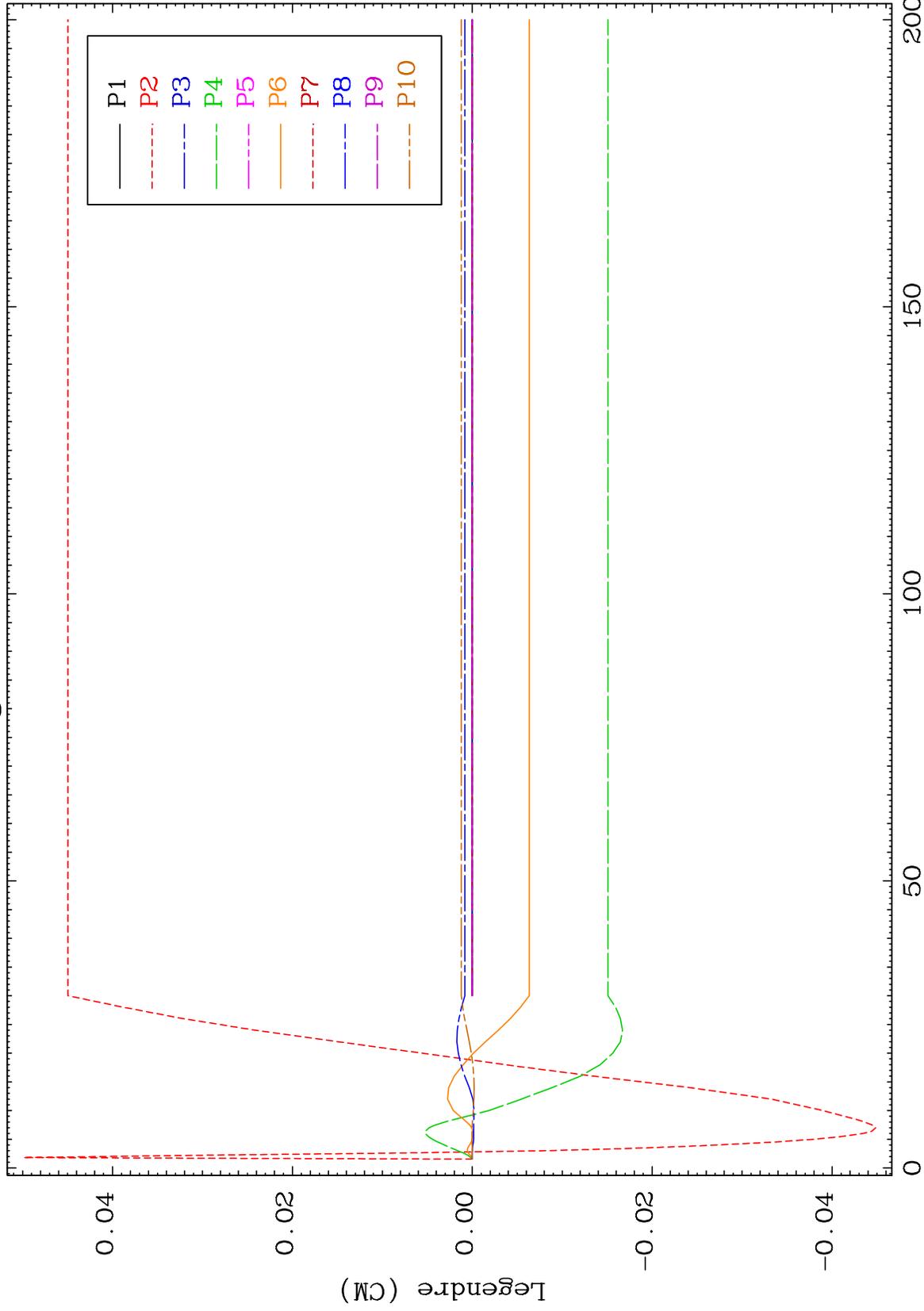
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

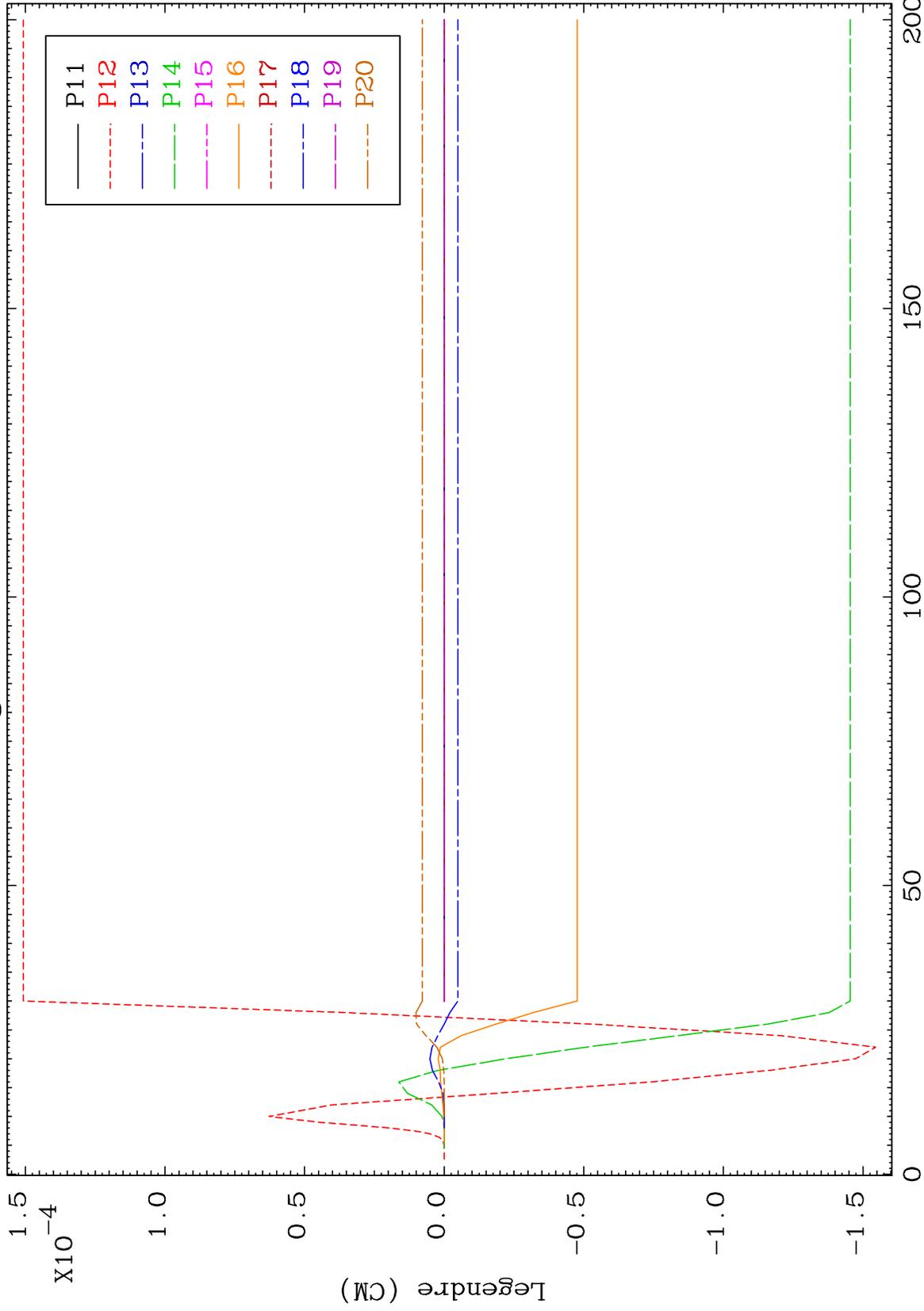
Incident Energy (MeV)

Legendre (CM)

MAT 8316

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

83-Bi-206



101

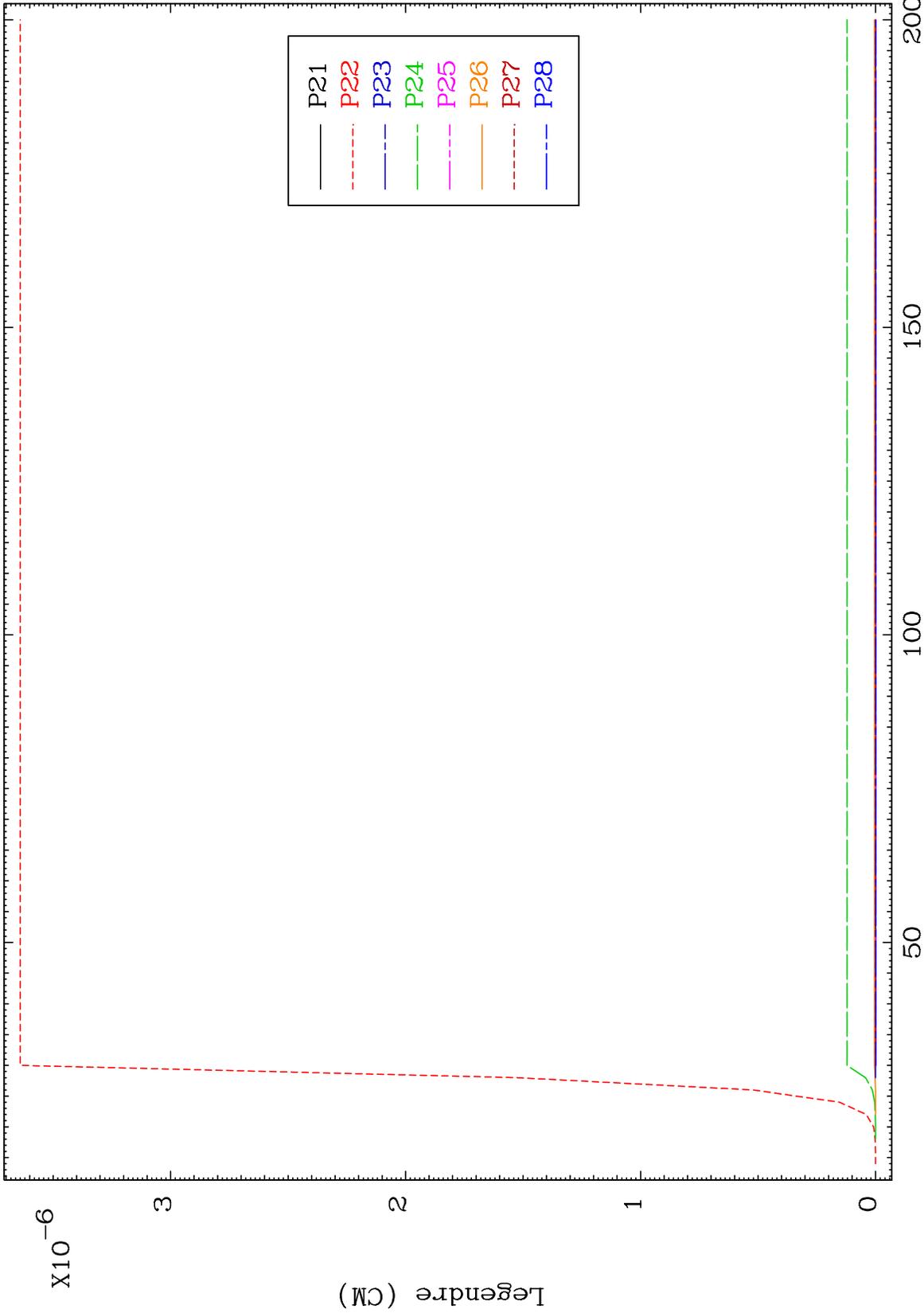
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



102

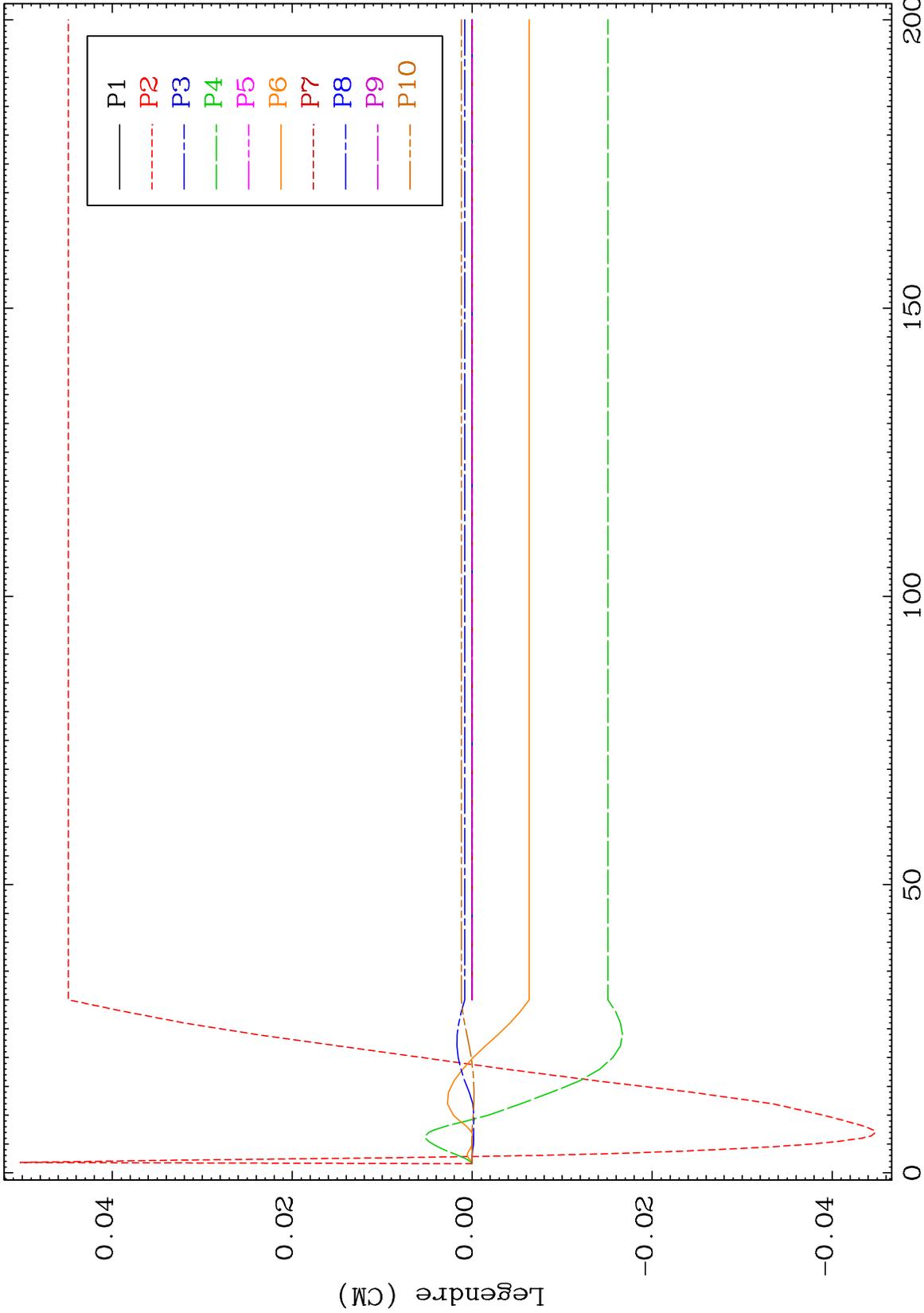
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

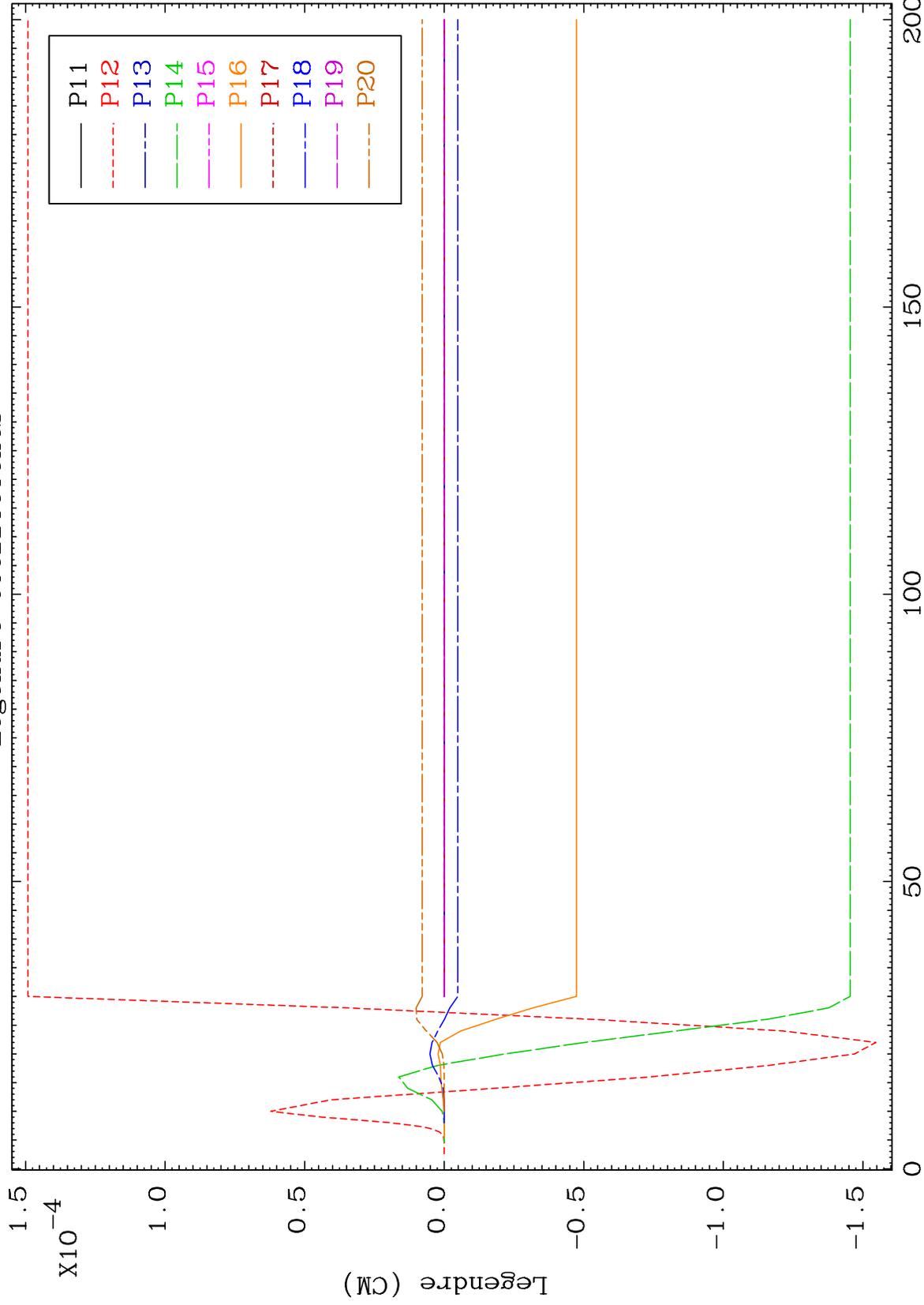
Incident Energy (MeV)

103

MAT 8316

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

83-Bi-206



104

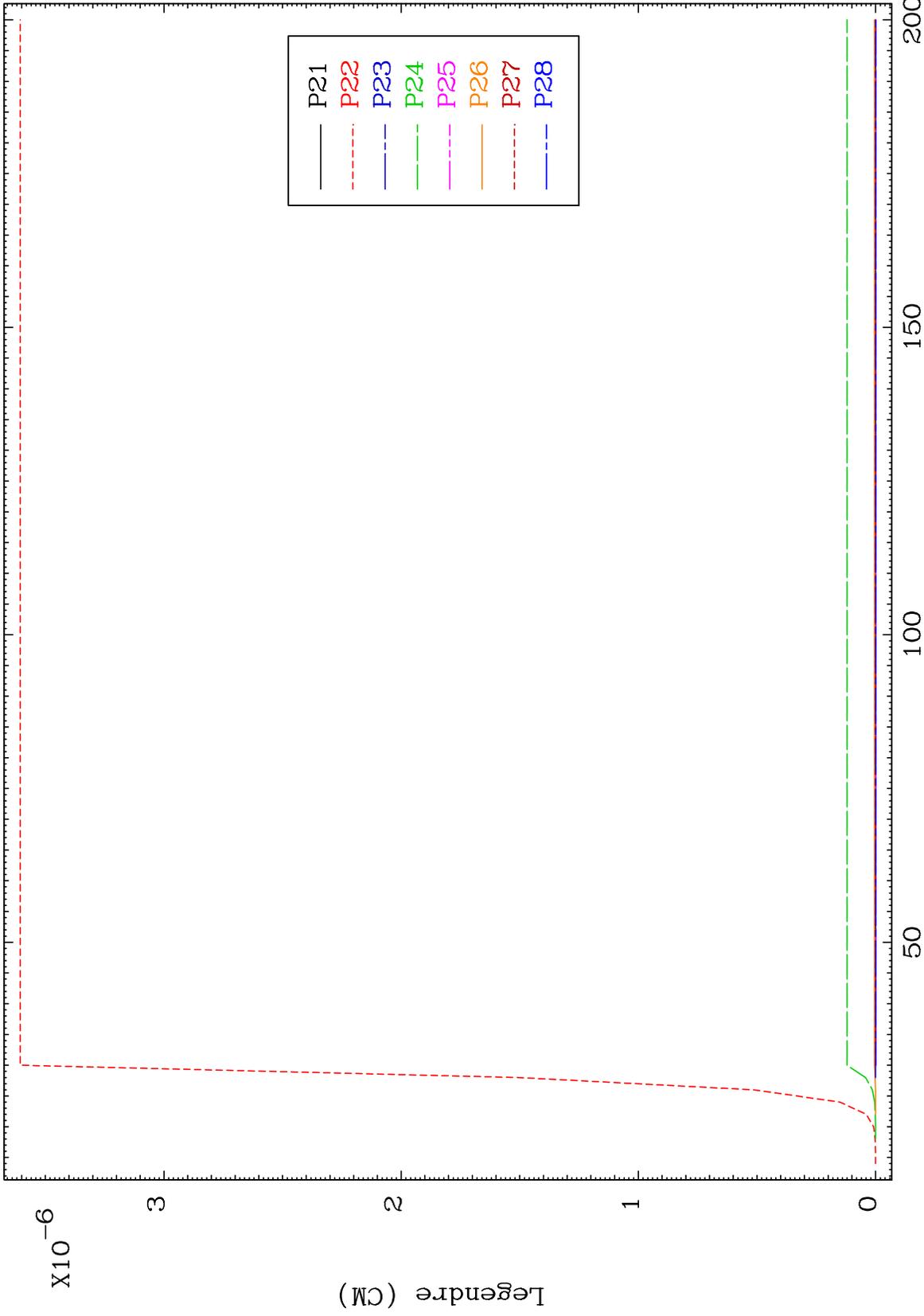
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



83-Bi-206

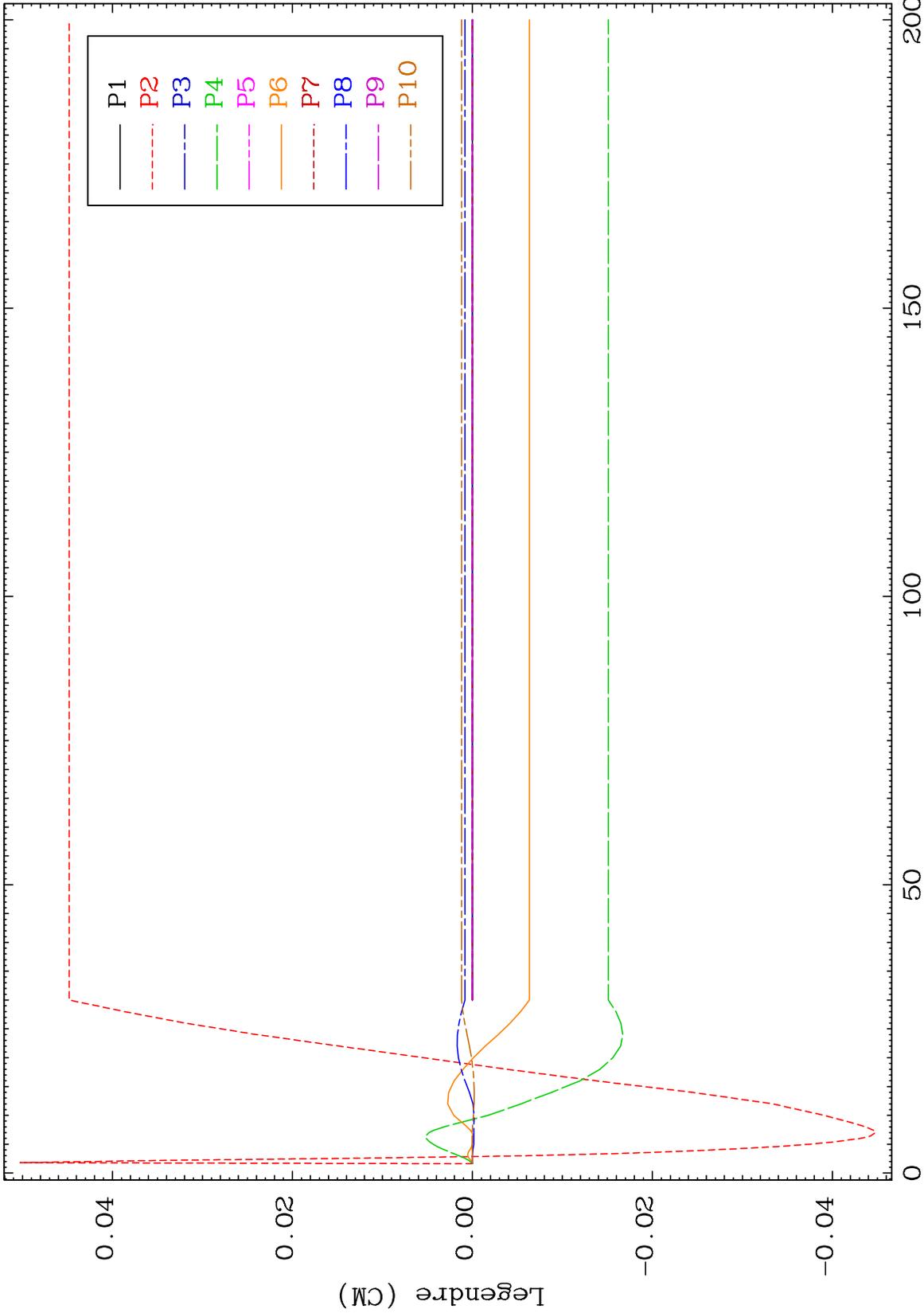
Incident Energy (MeV)

105

MAT 8316

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

83-Bi-206



106

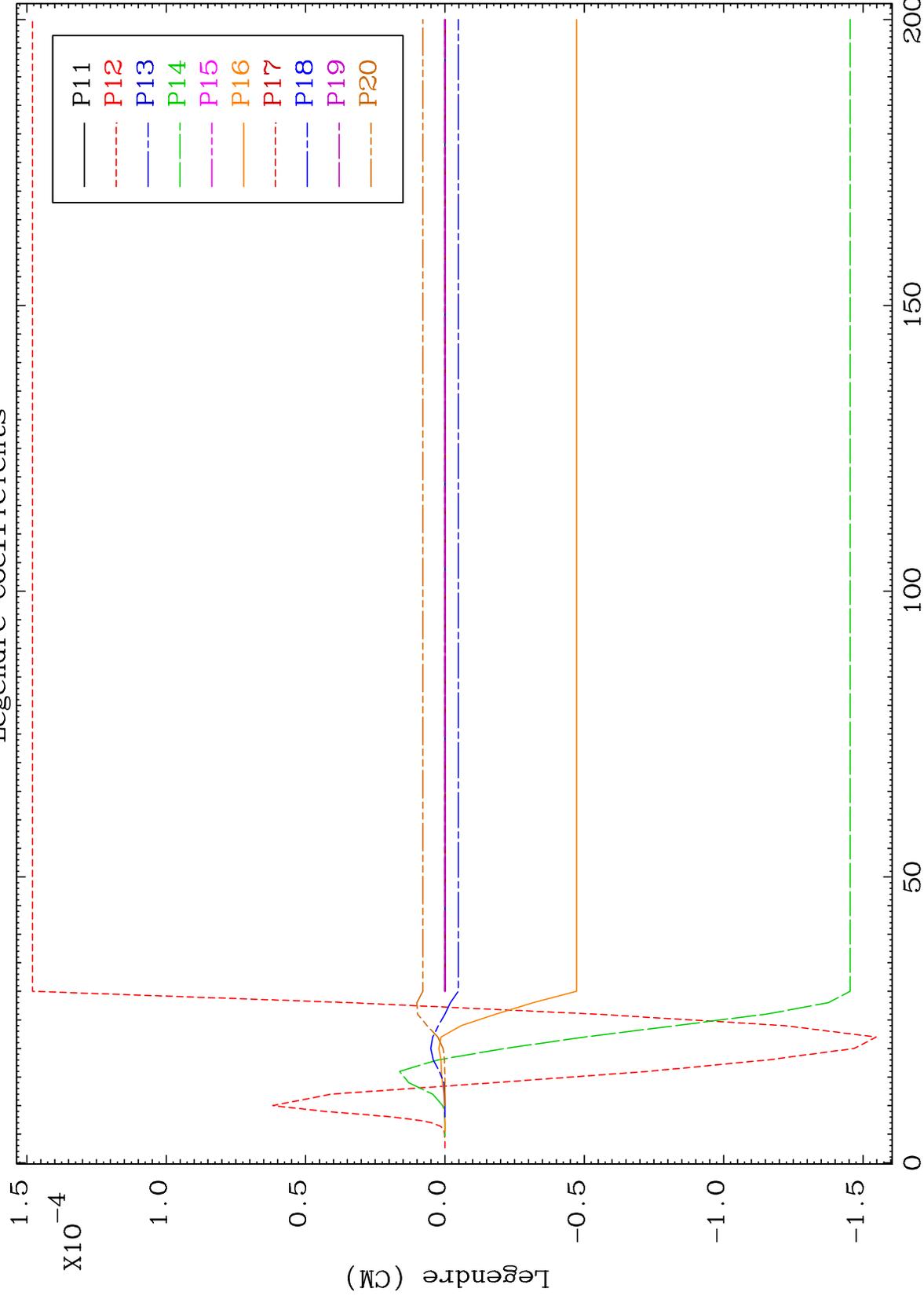
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



107

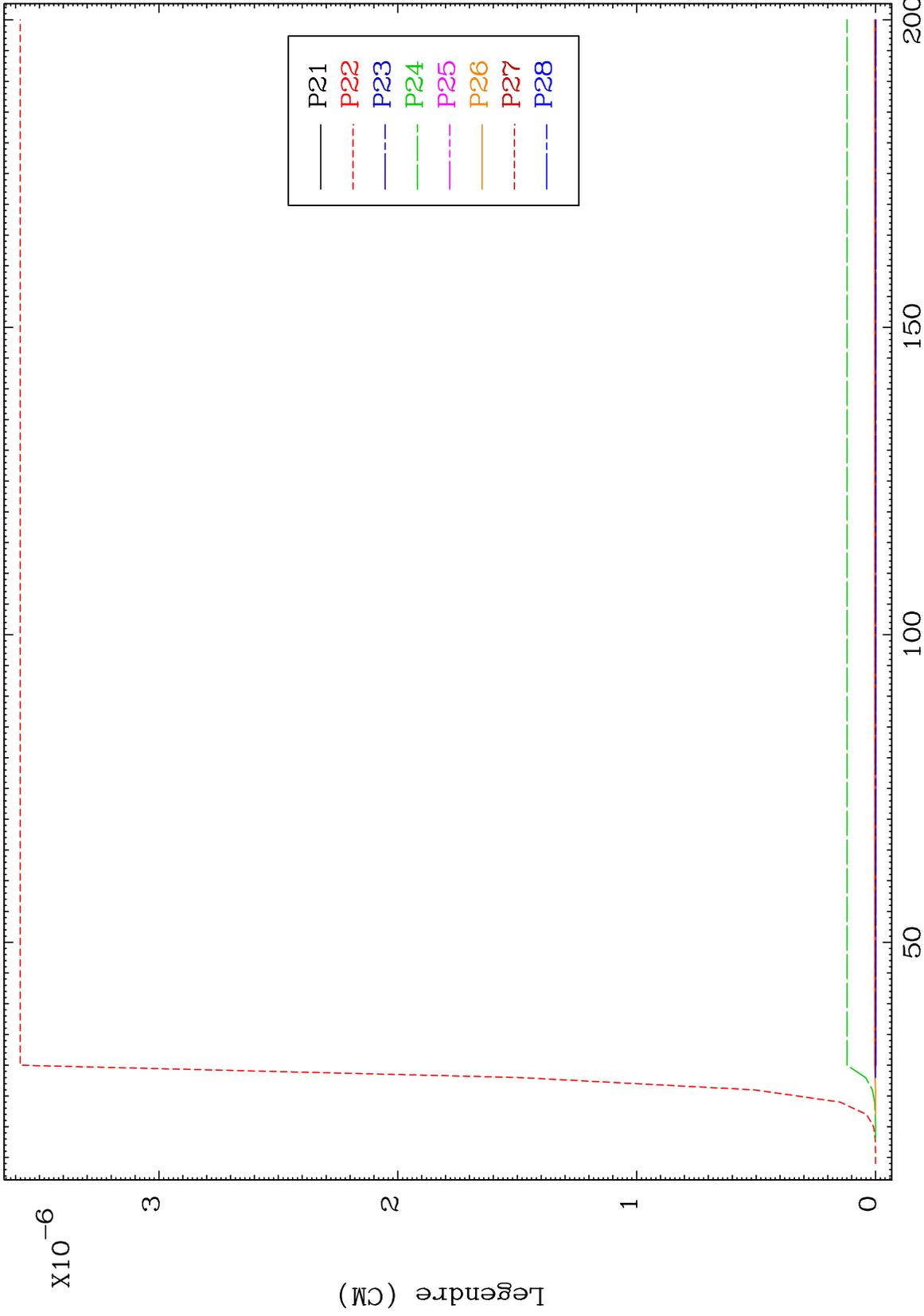
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



108

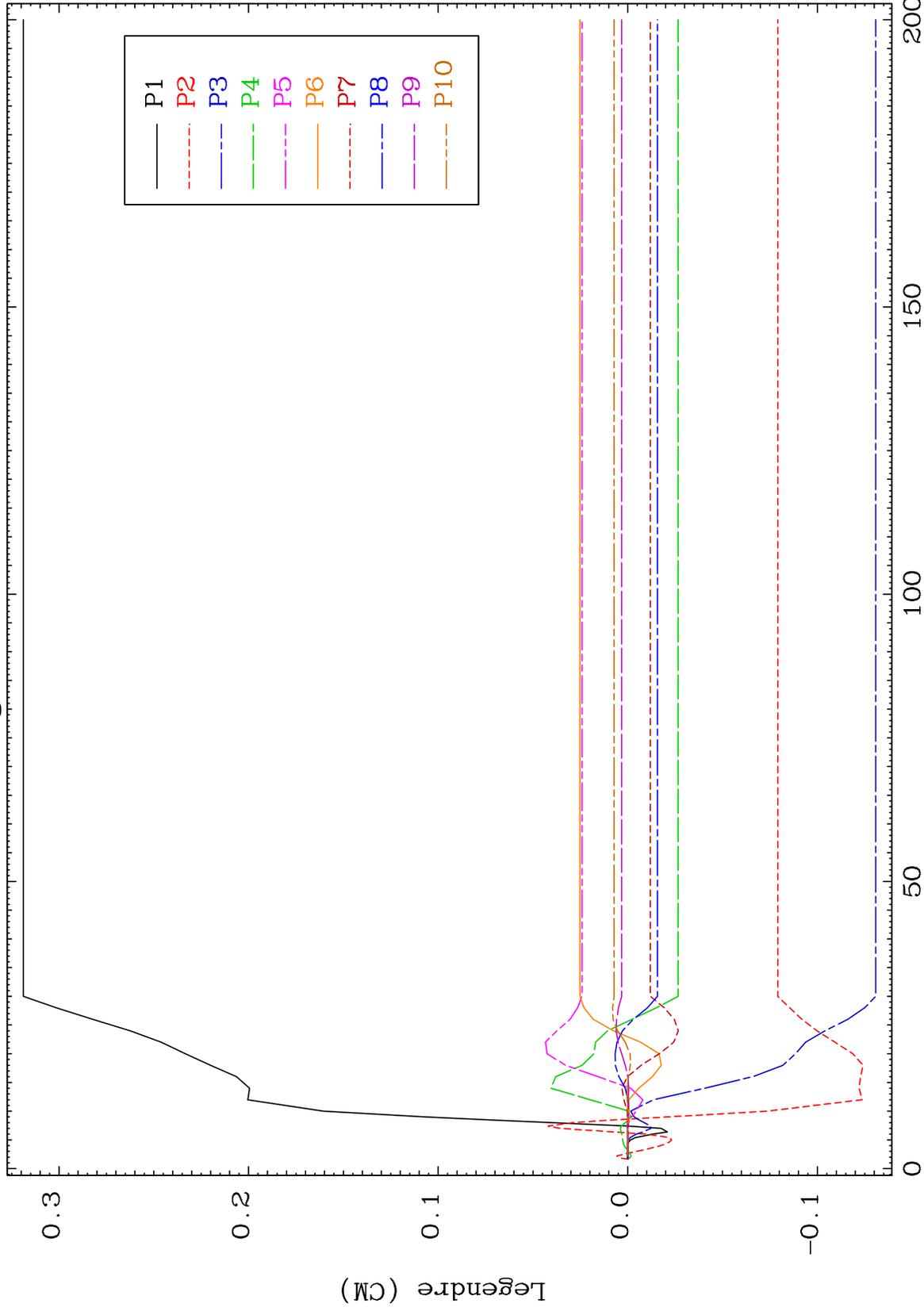
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



109

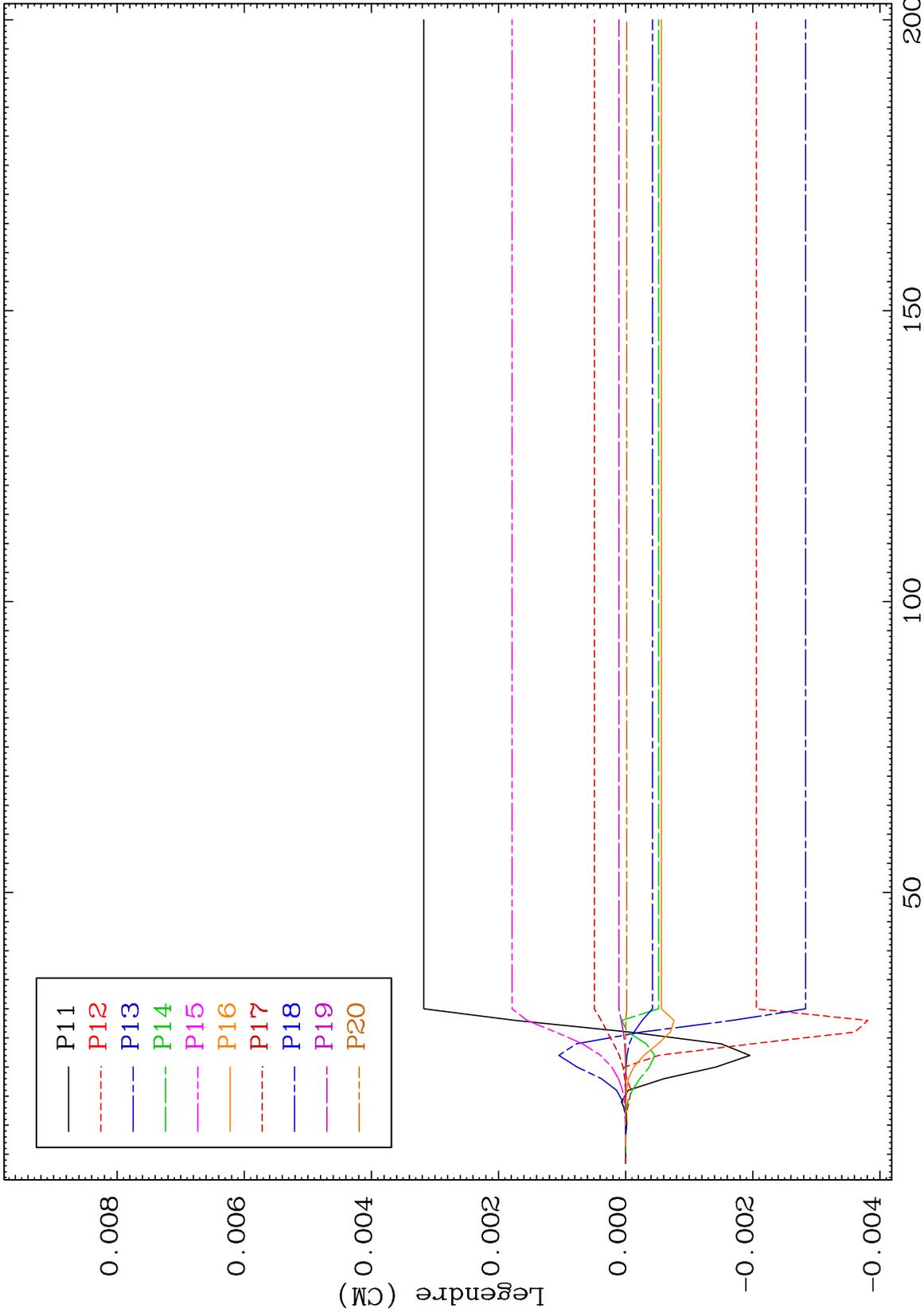
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



110

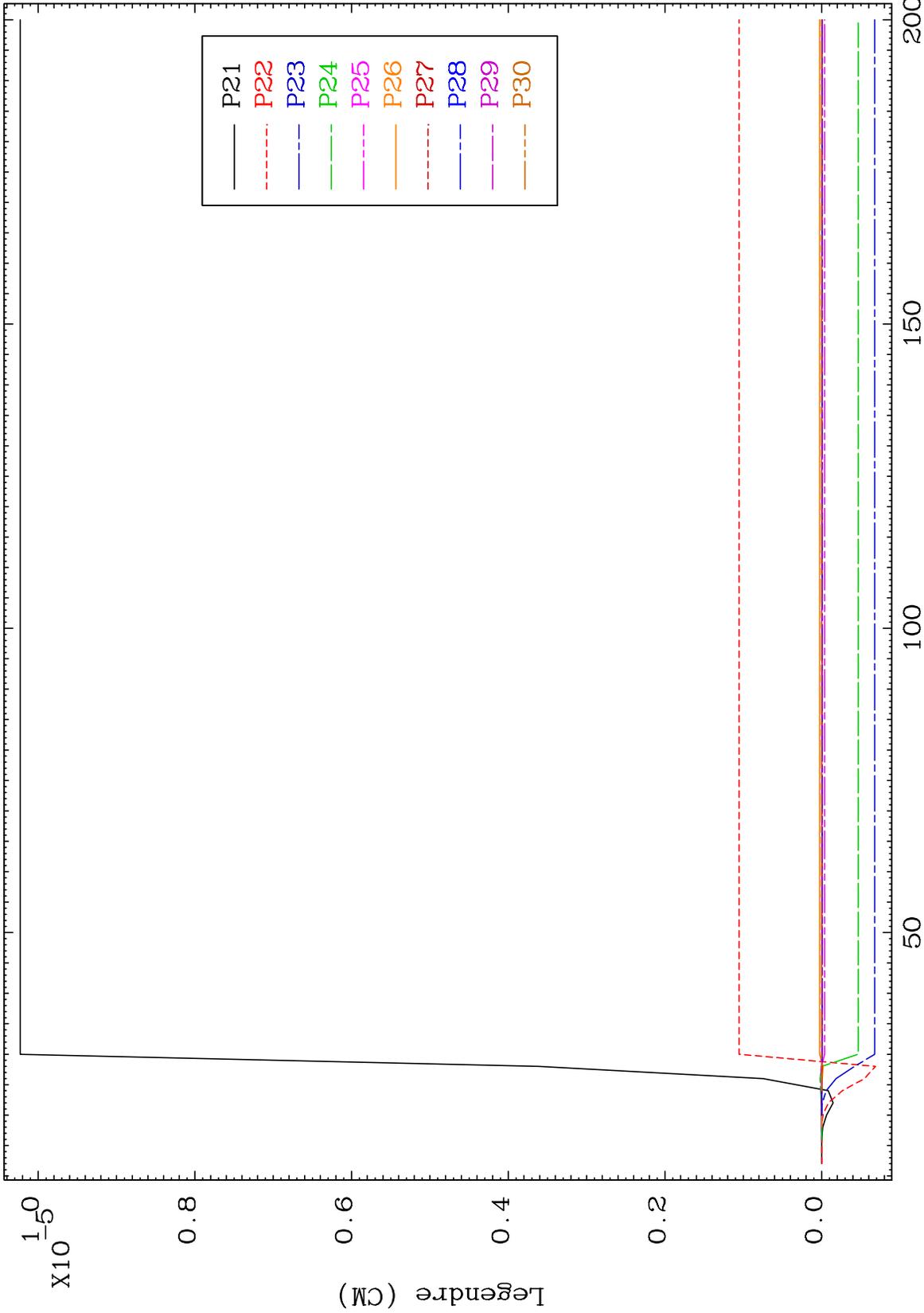
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



111

Incident Energy (MeV)

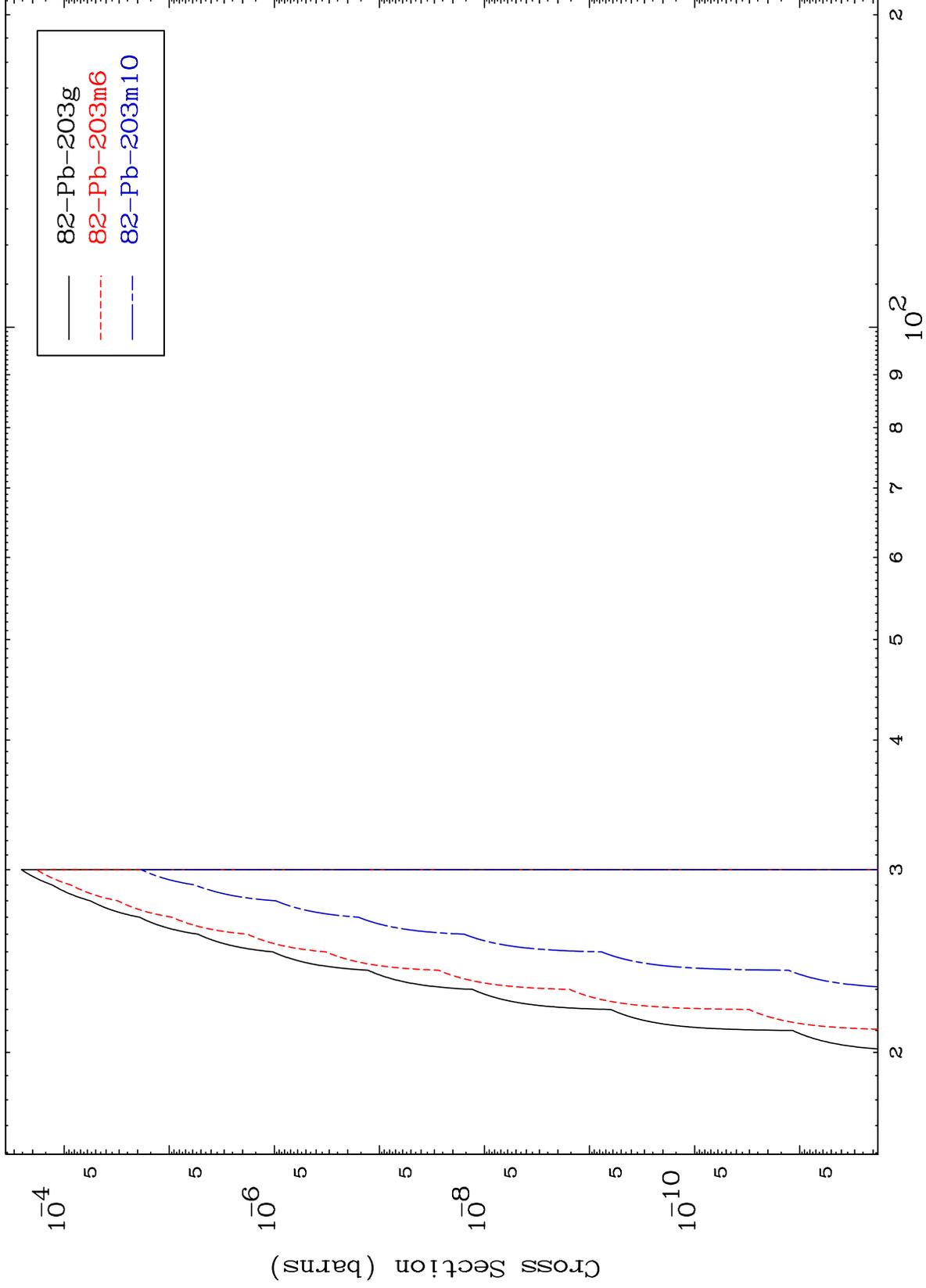
83-Bi-206

MAT 8316

(n,2n) d

83-Bi-206

Radionuclide Production Cross Section



112

Incident Energy (MeV)

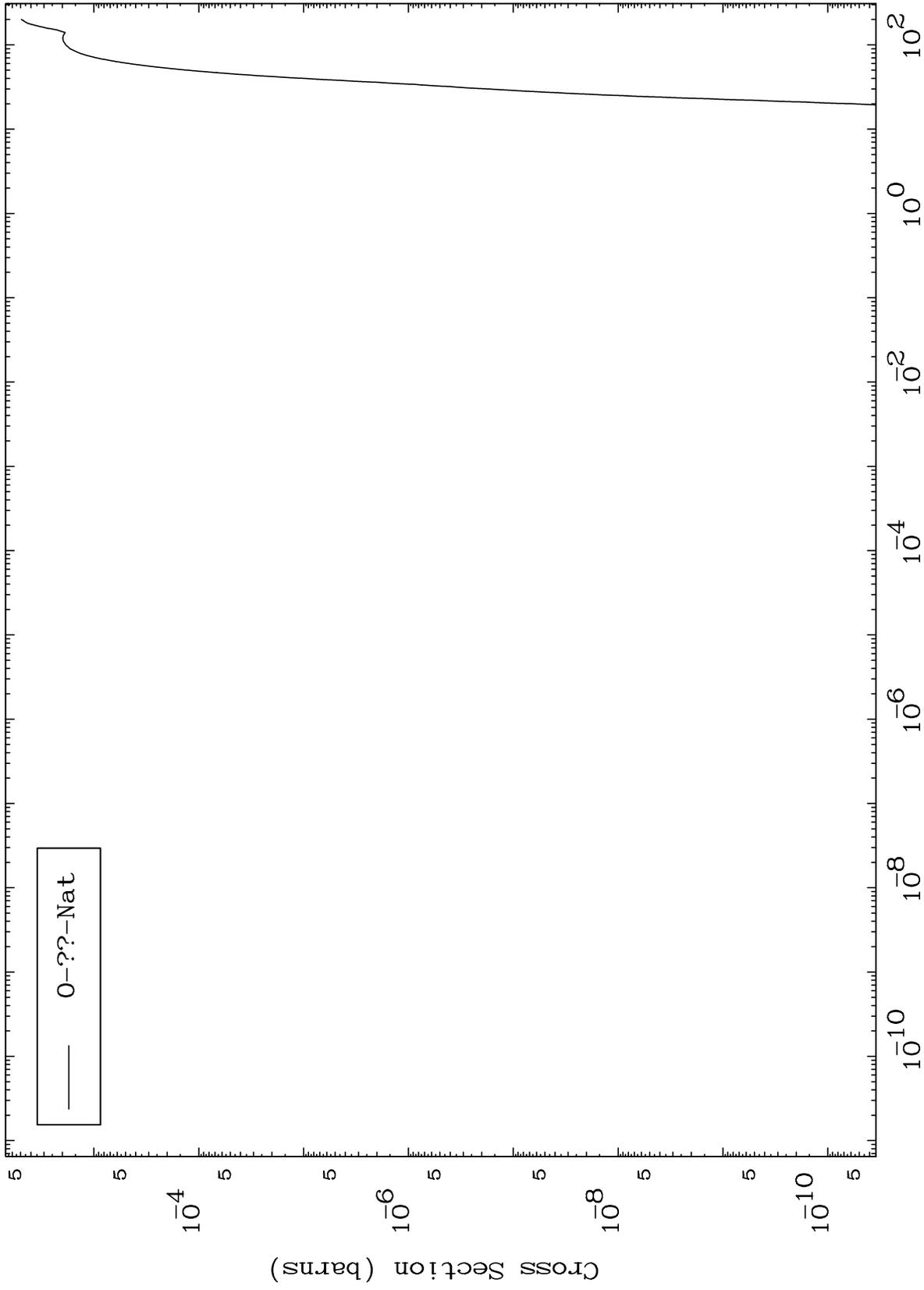
83-Bi-206

MAT 8316

Fission

83-Bi-206

Radionuclide Production Cross Section



113

Incident Energy (MeV)

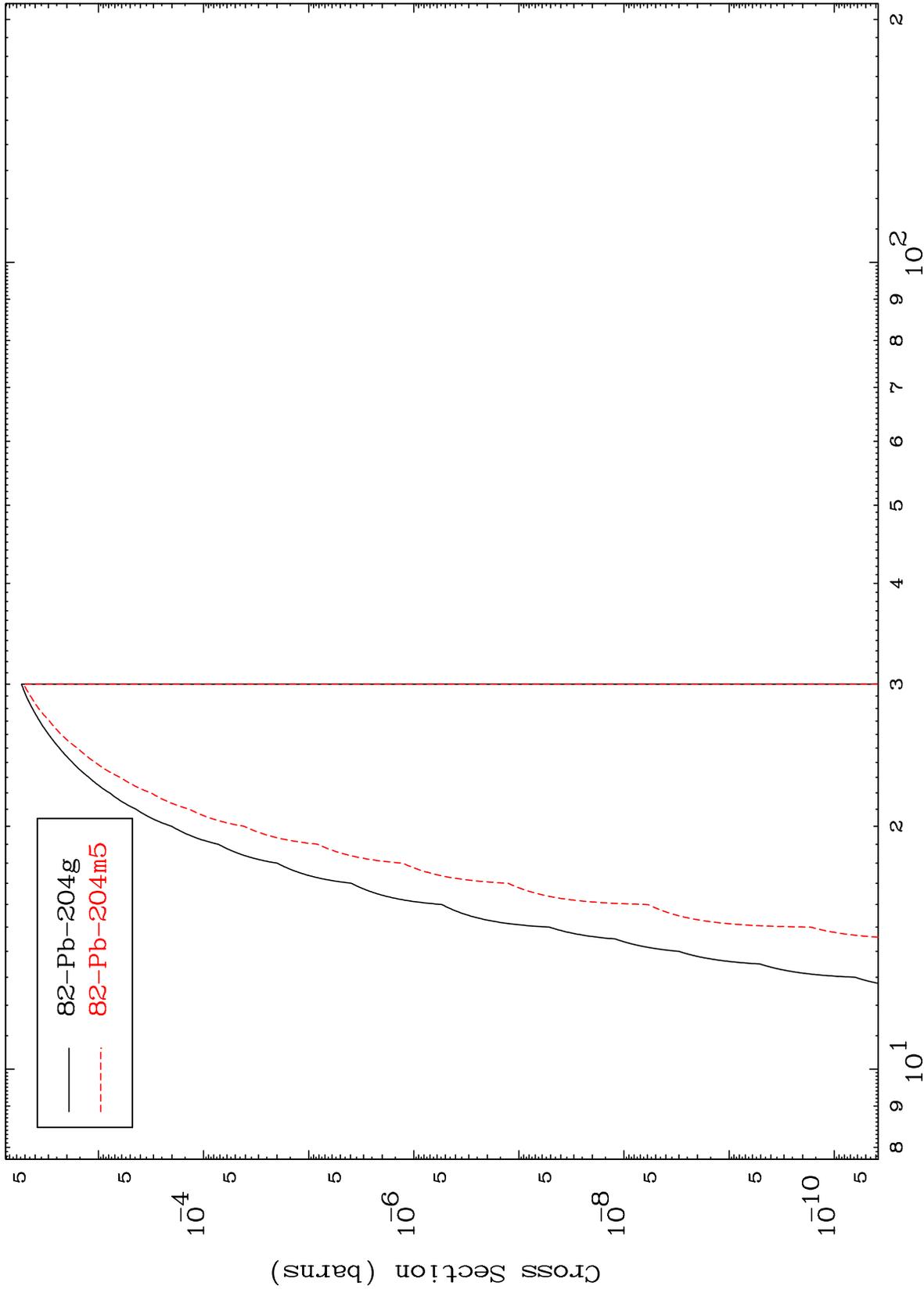
83-Bi-206

MAT 8316

(n,n') d

83-Bi-206

Radionuclide Production Cross Section



114

Incident Energy (MeV)

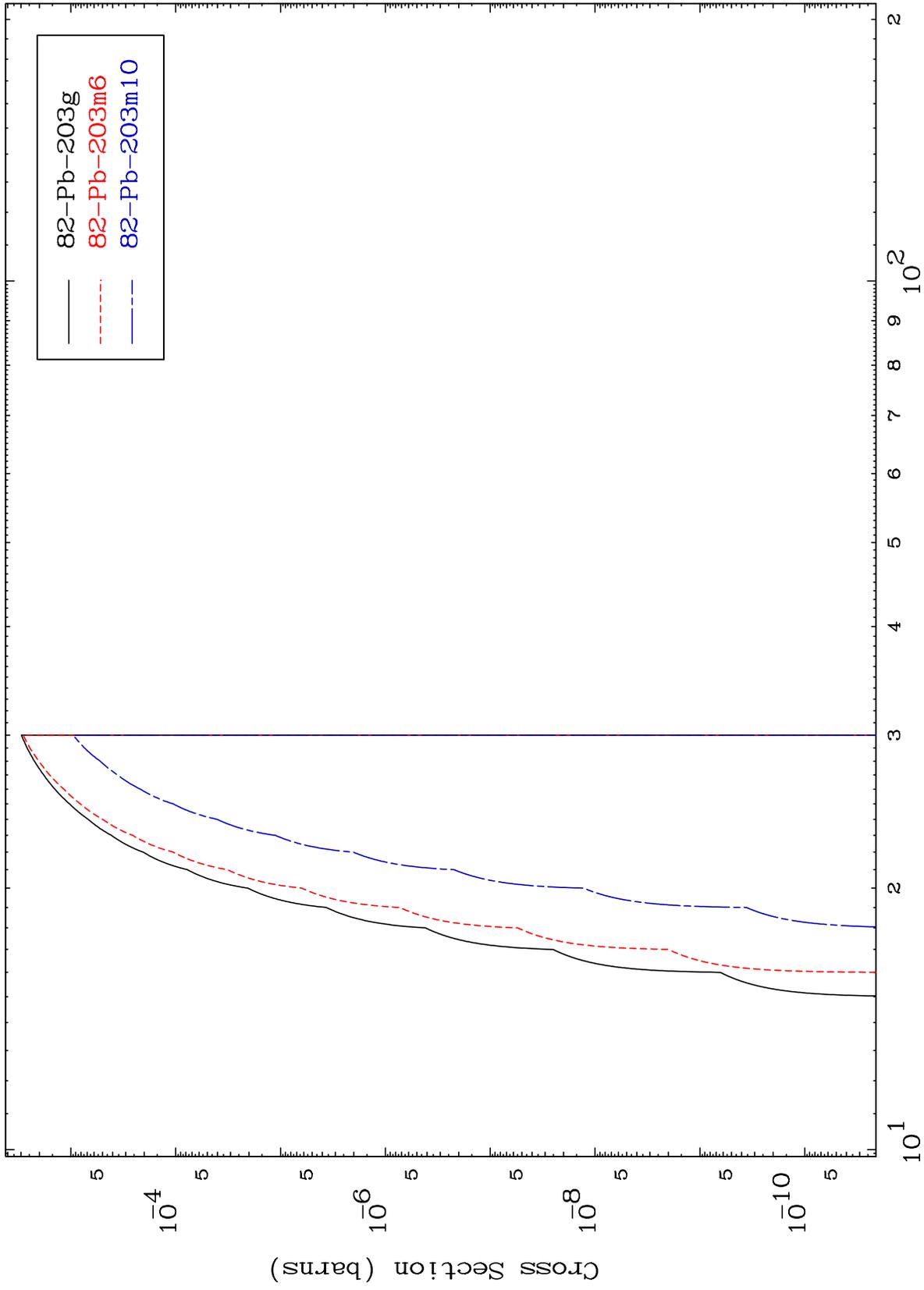
83-Bi-206

MAT 8316

(n,n') t

83-Bi-206

Radionuclide Production Cross Section



115

Incident Energy (MeV)

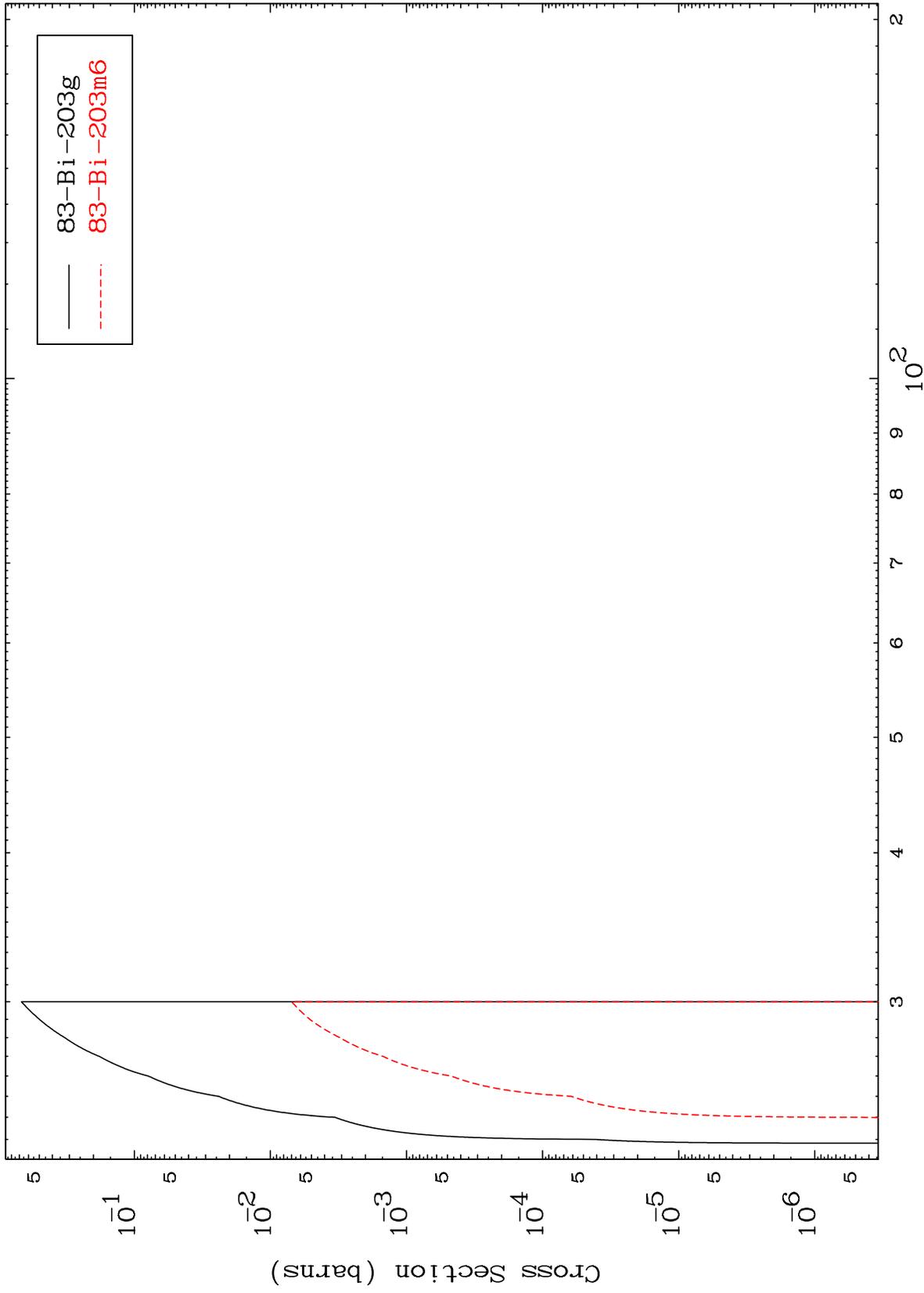
83-Bi-206

MAT 8316

(n,4n)

83-Bi-206

Radionuclide Production Cross Section



116

Incident Energy (MeV)

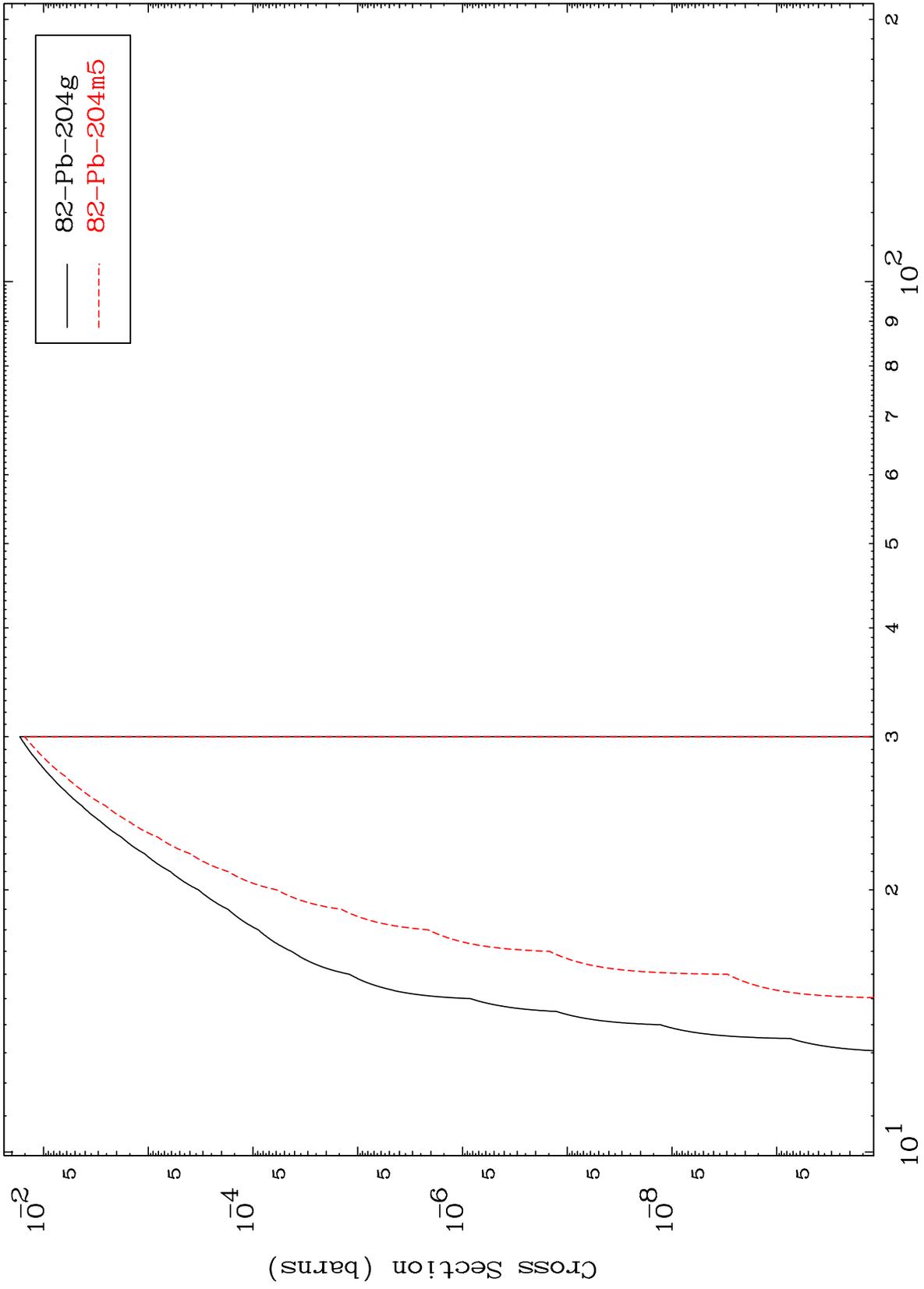
83-Bi-206

MAT 8316

(n,2n) p

83-Bi-206

Radionuclide Production Cross Section



117

Incident Energy (MeV)

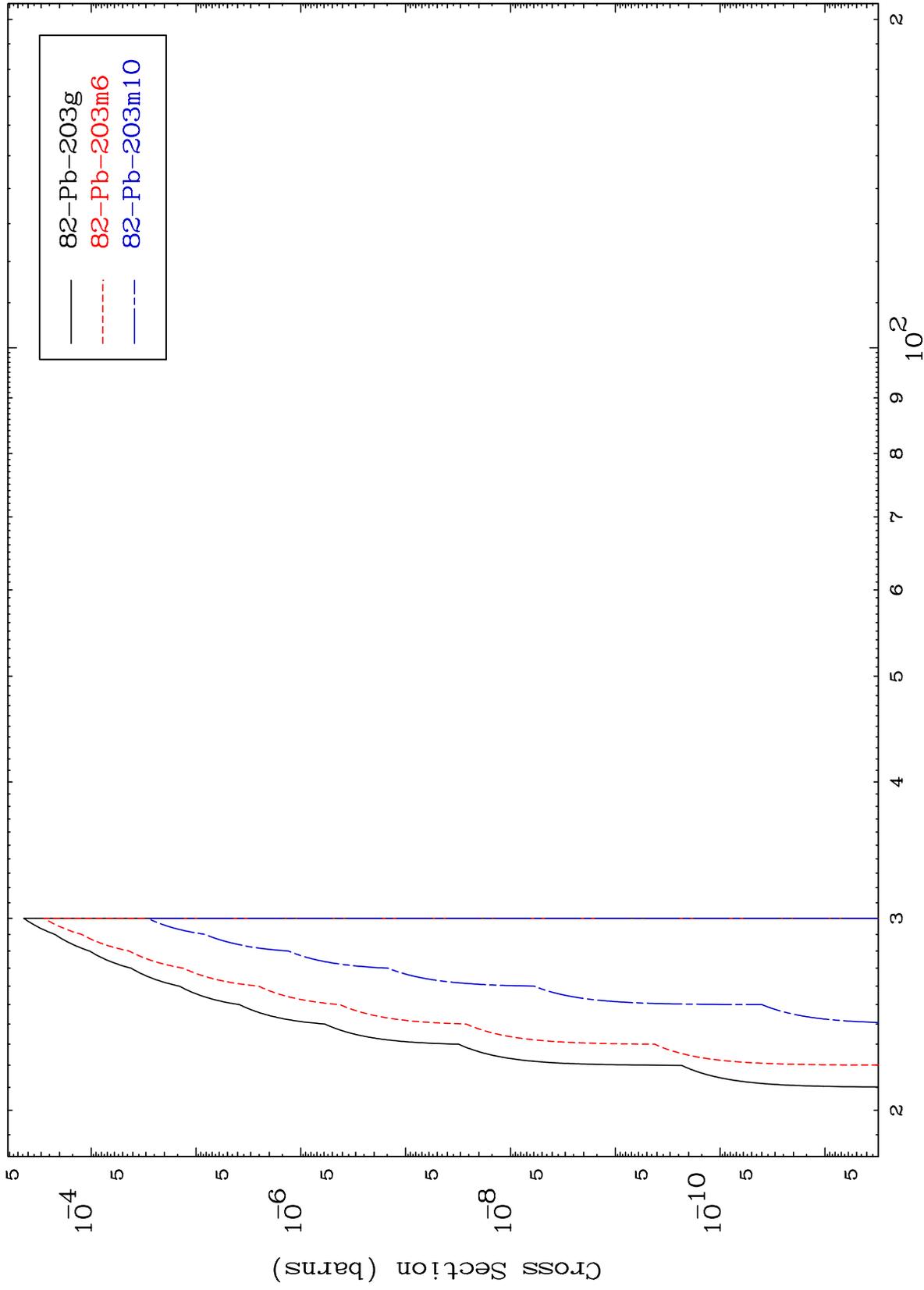
83-Bi-206

MAT 8316

(n,3n) p

83-Bi-206

Radionuclide Production Cross Section



118

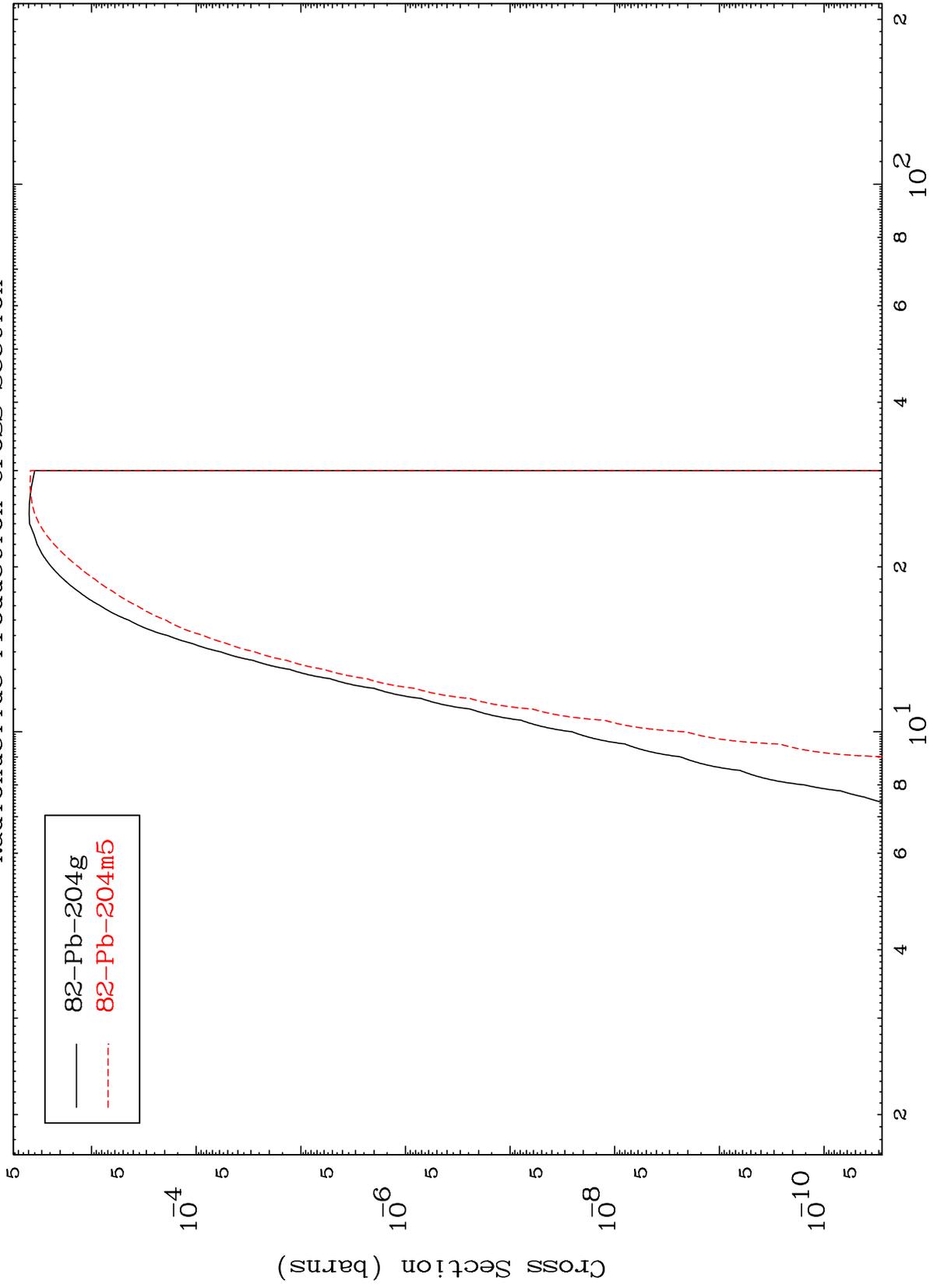
Incident Energy (MeV)

83-Bi-206

MAT 8316

83-Bi-206

(n, t)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

83-Bi-206