

Program EVALPLOT
(Version 2021-1)

by

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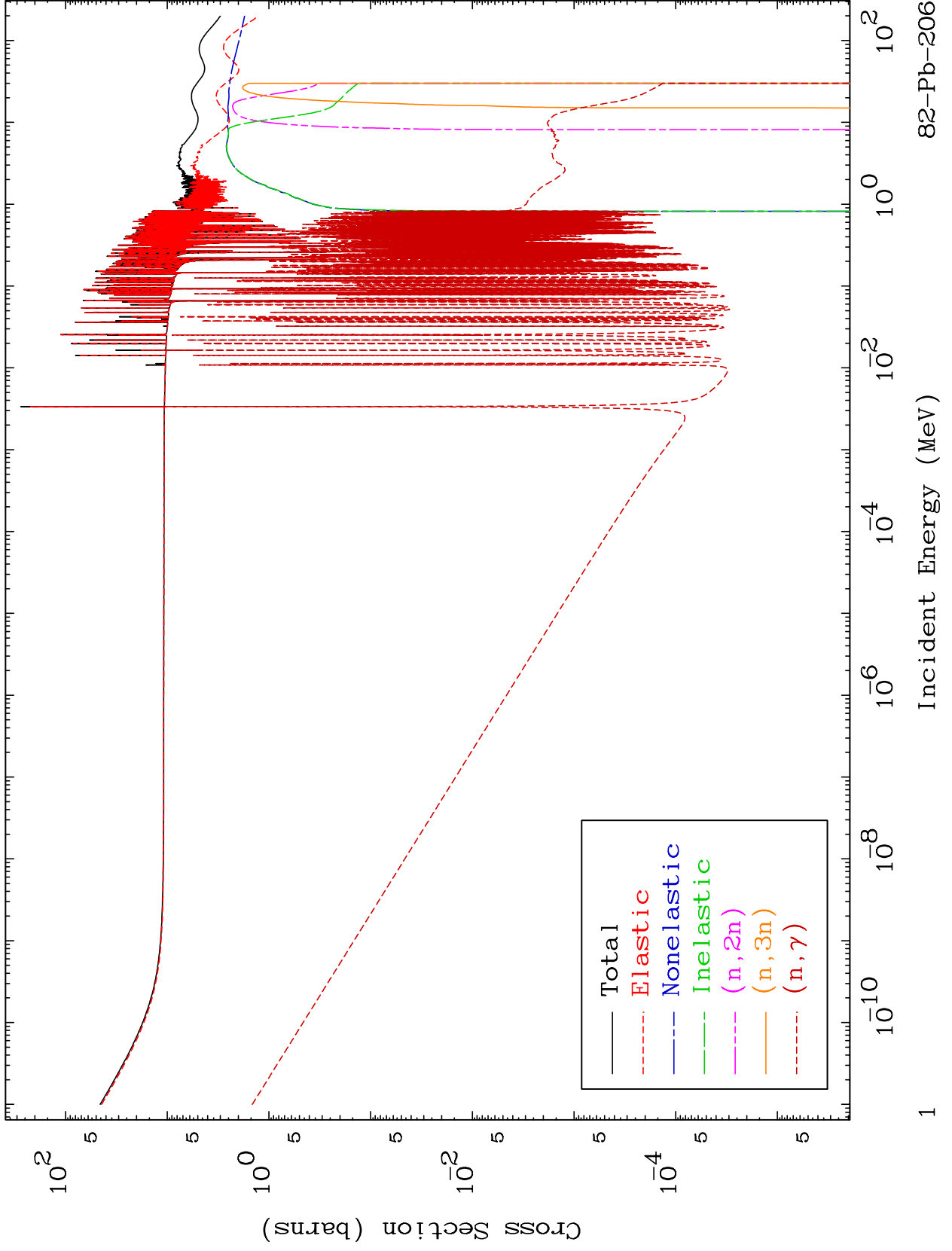
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8231

Neutron Major
293 Kelvin Cross Sections

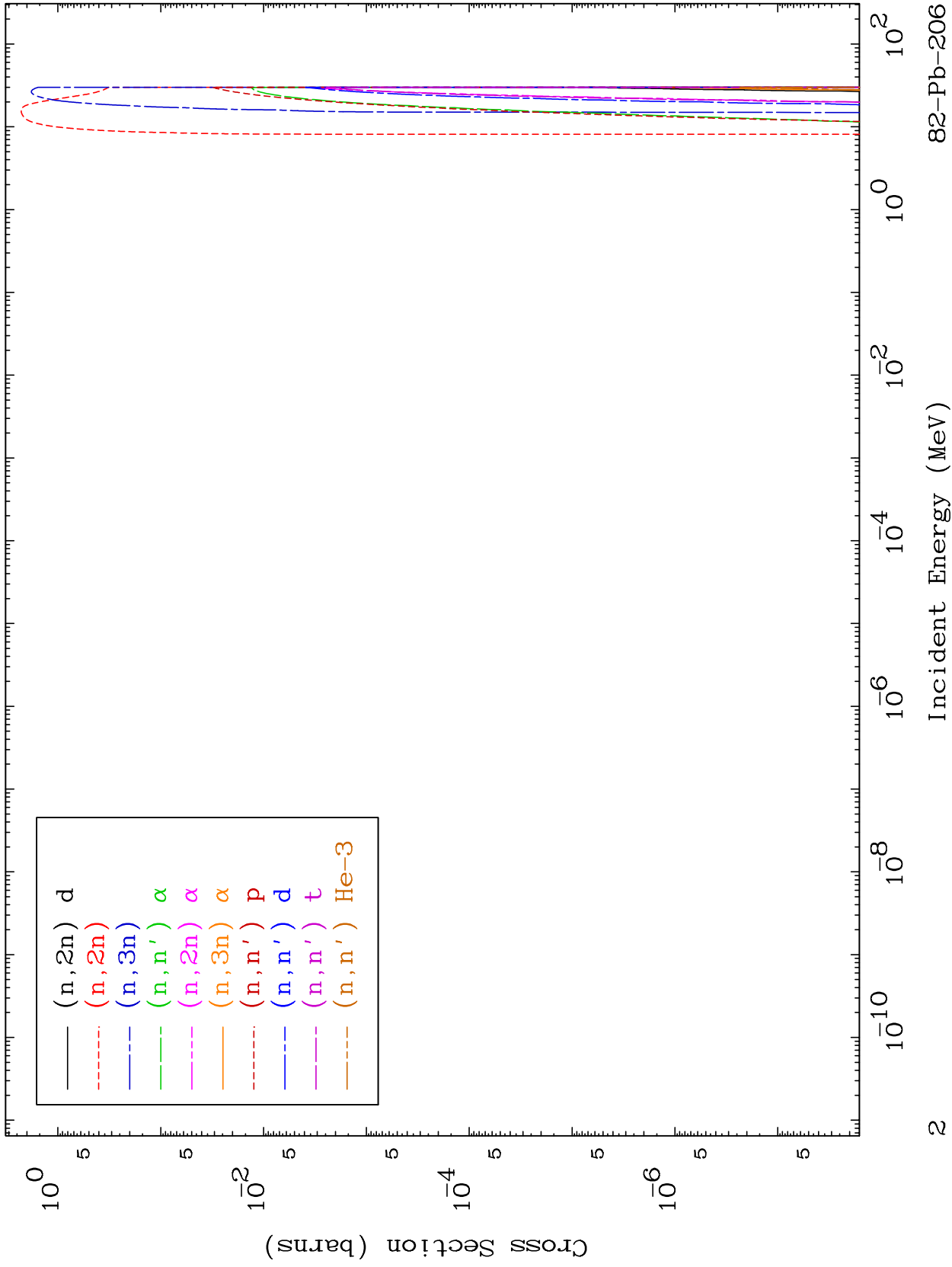
82-Pb-206



MAT 8231

Neutron Absorption
293 Kelvin Cross Sections

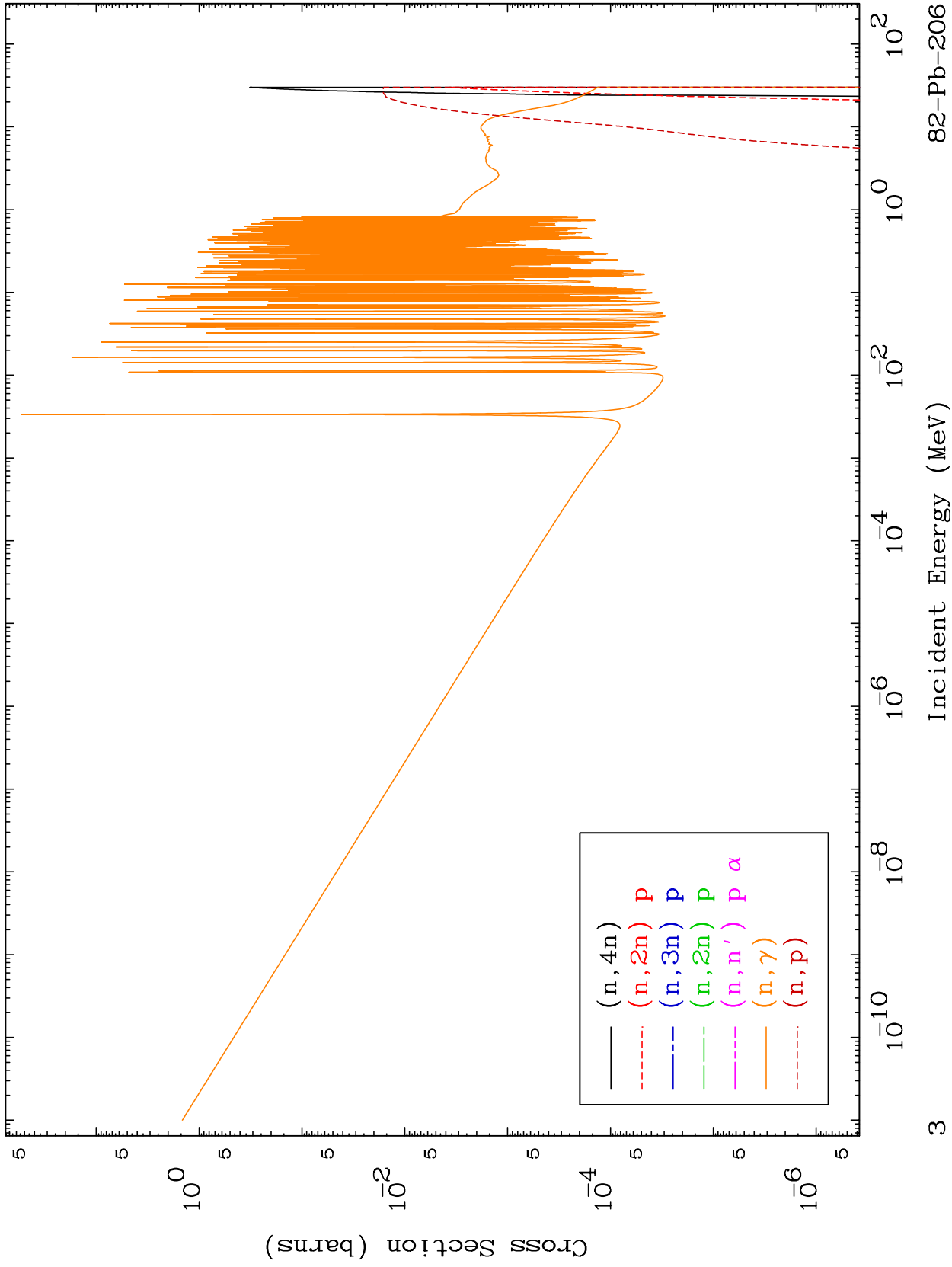
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MAT 8231

Neutron Absorption
293 Kelvin Cross Sections

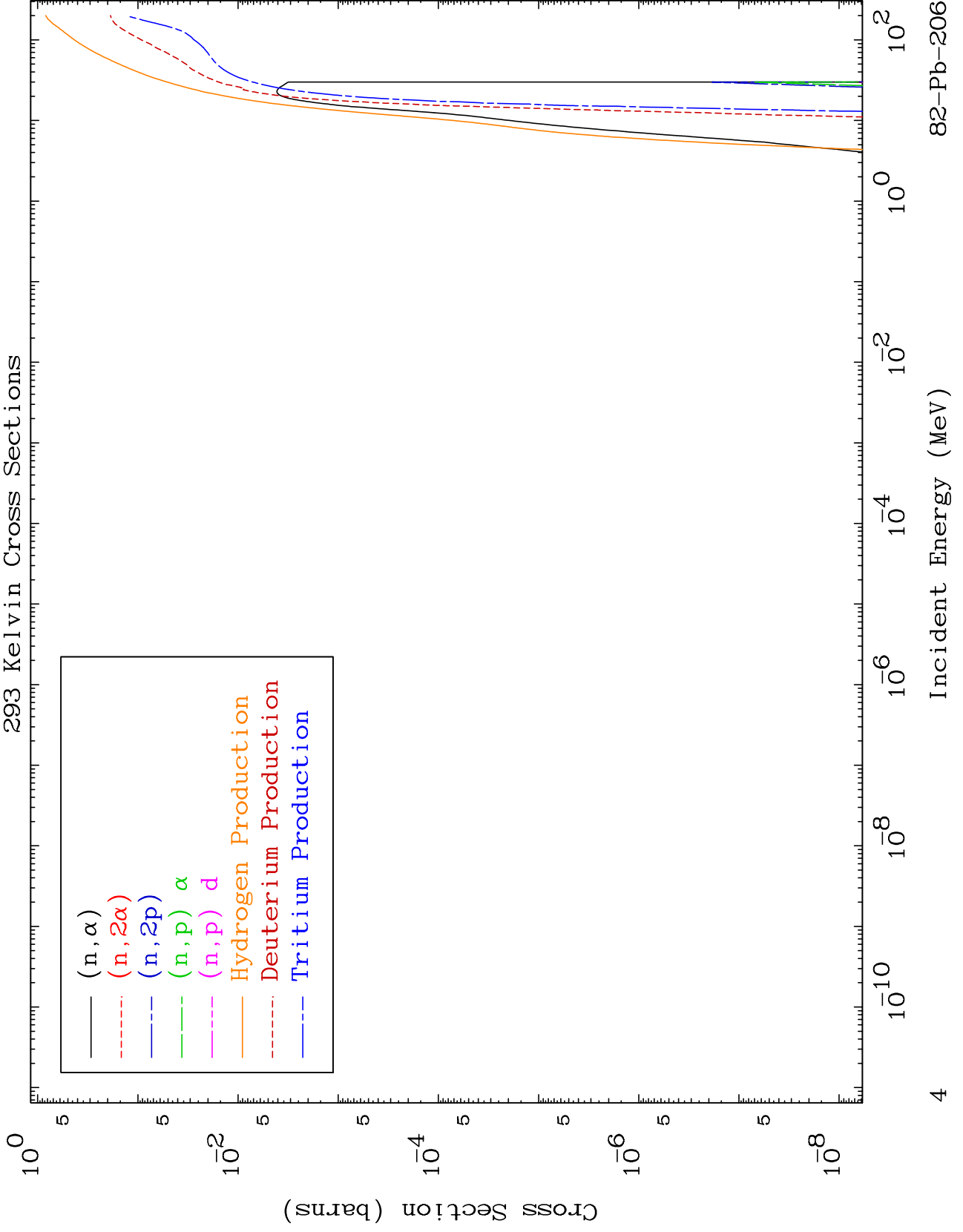
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MAT 8231

Neutron Absorption
293 Kelvin Cross Sections

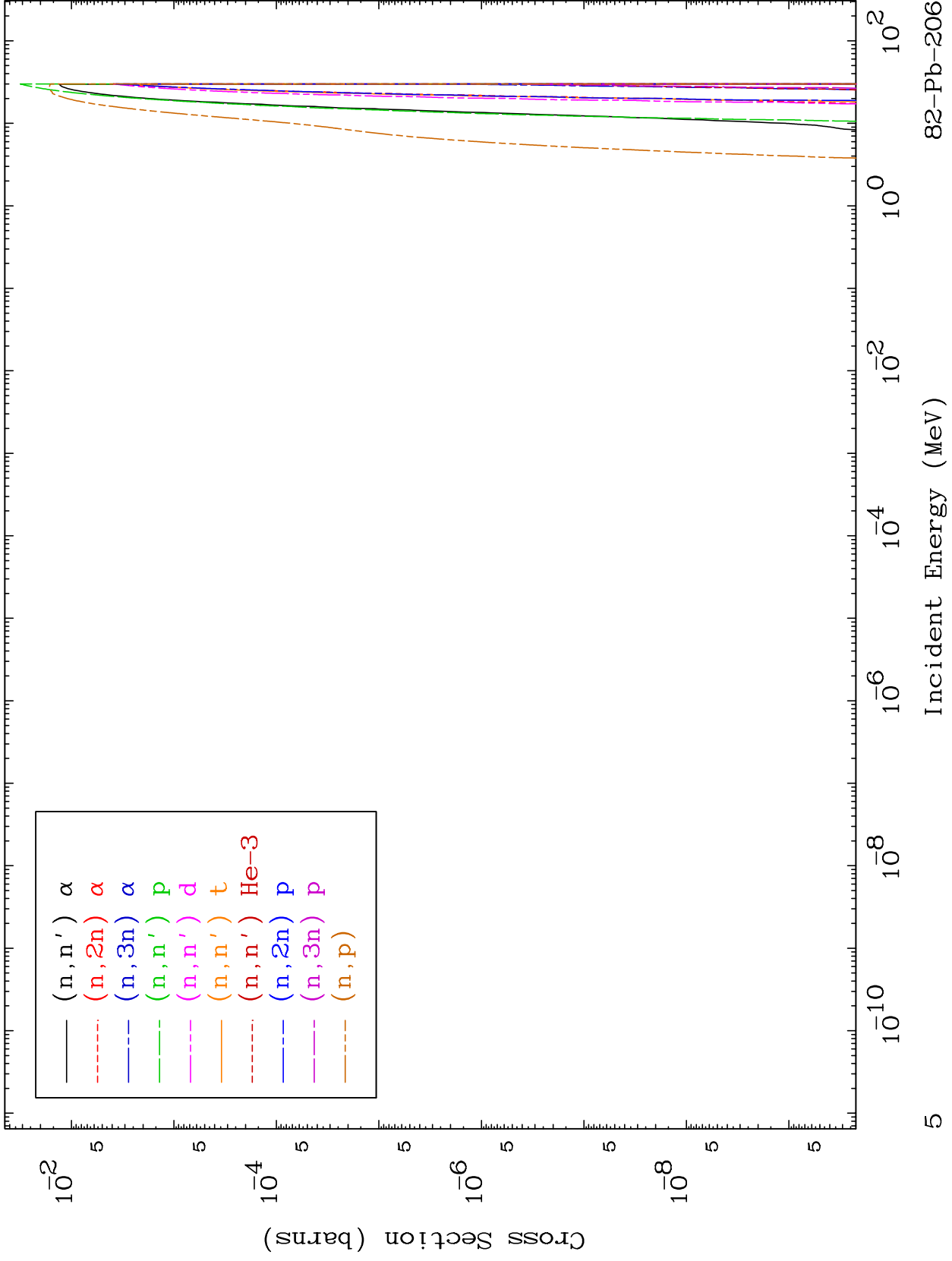
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MAT 8231

Charged Particle
293 Kelvin Cross Sections

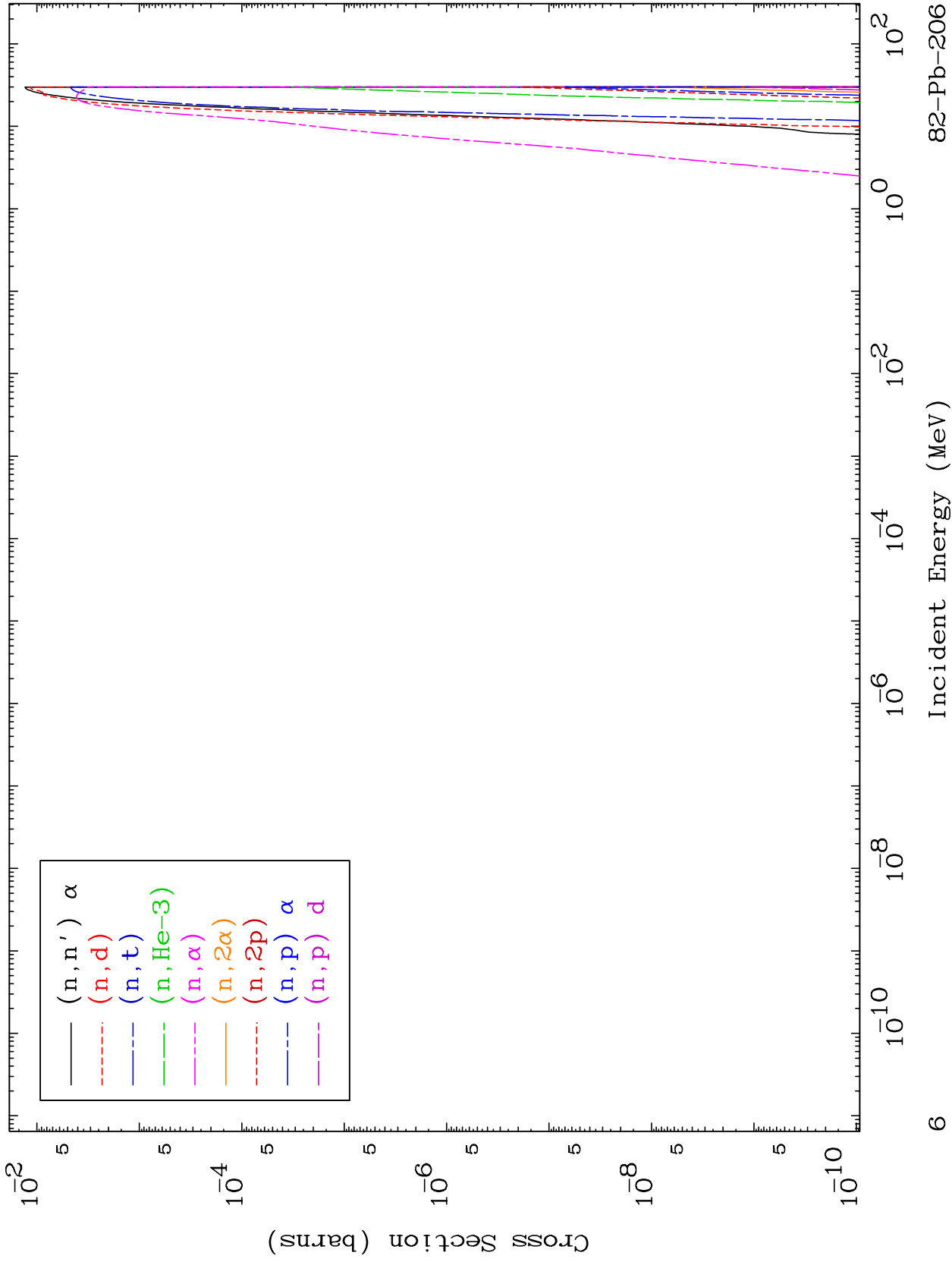
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MAT 8231

Charged Particle
293 Kelvin Cross Sections

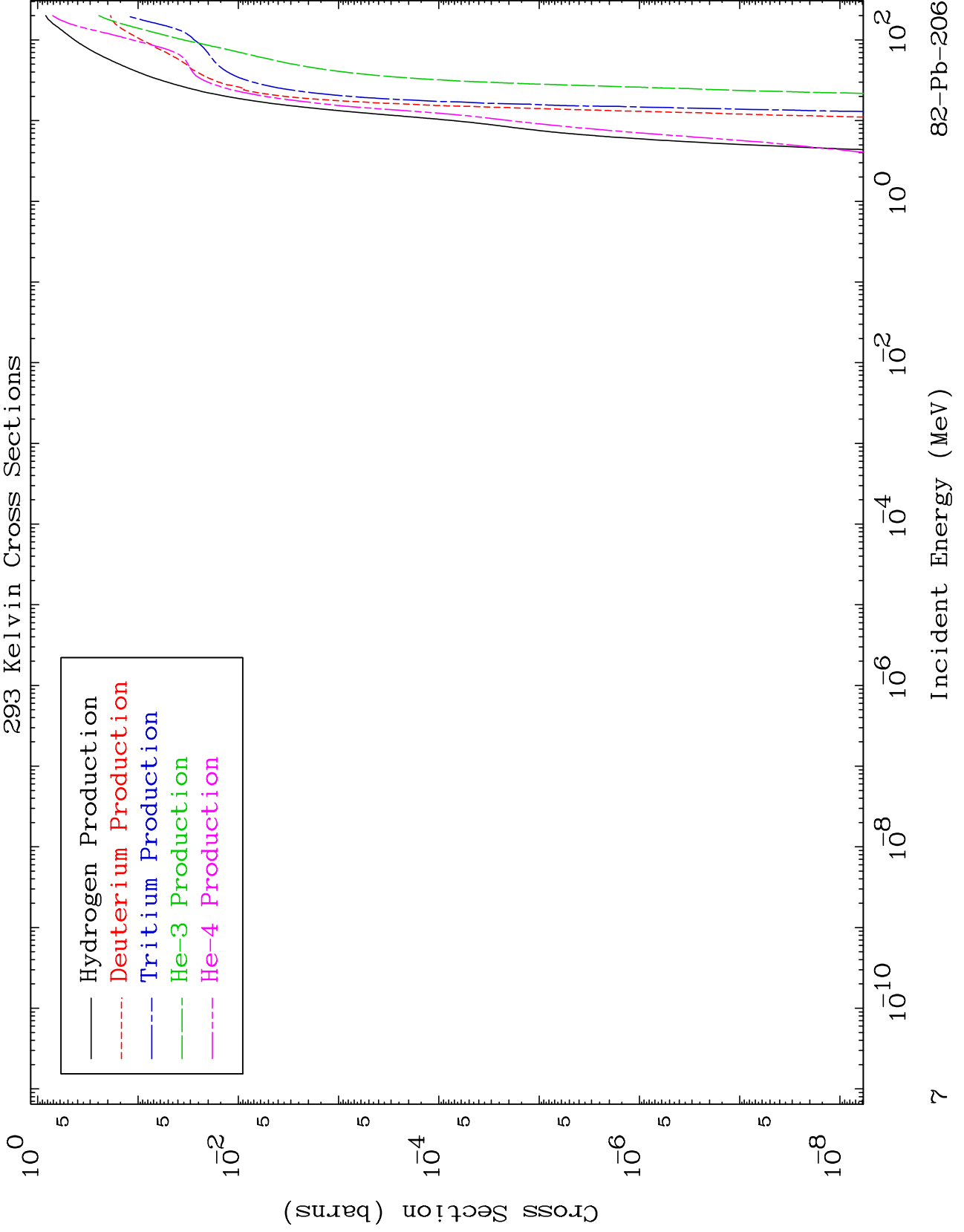
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MAT 8231

Particle Production
293 Kelvin Cross Sections

82-Pb-206

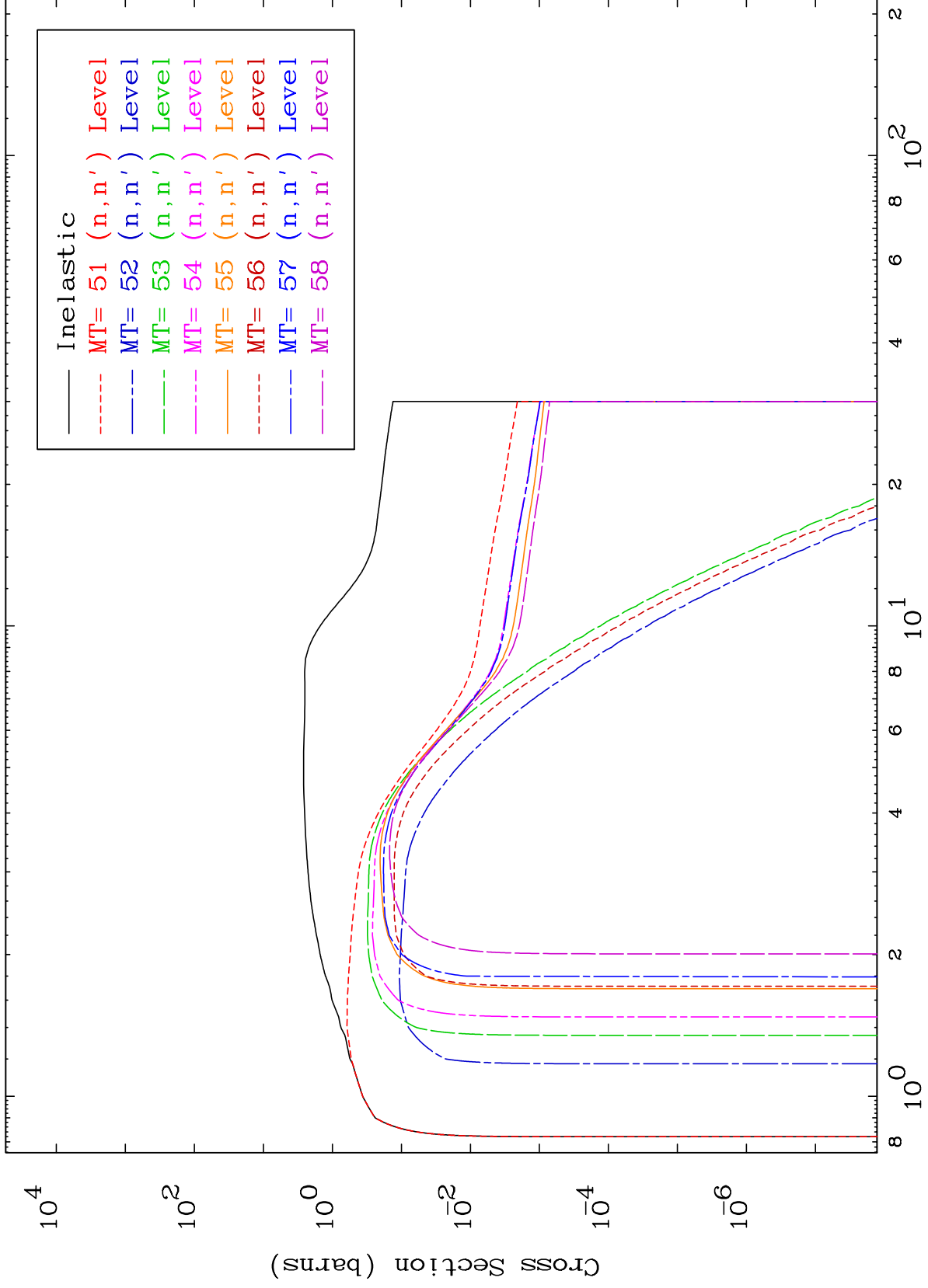


MAT 8231

(n,n') Levels

82-Pb-206

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-206

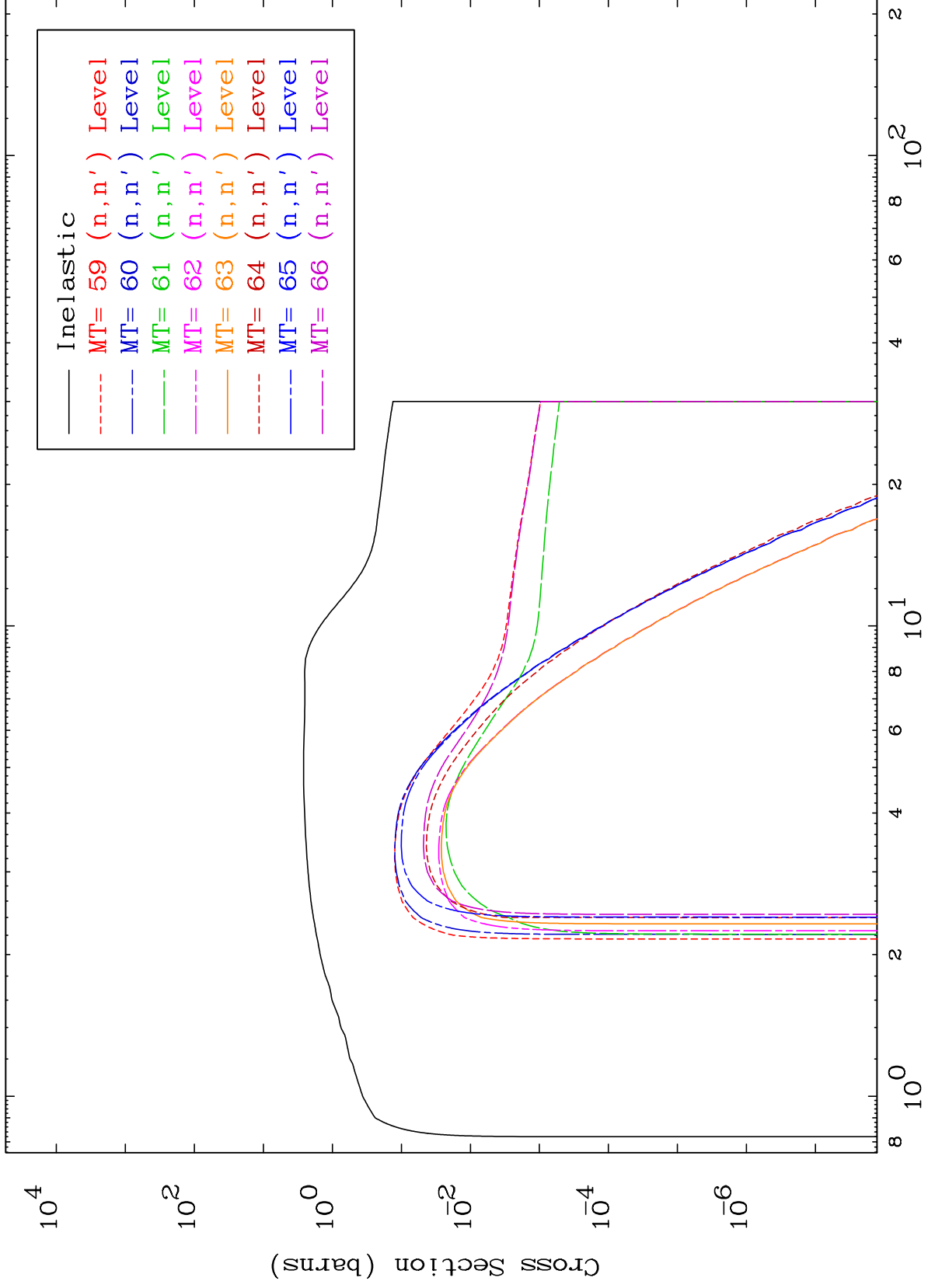
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MAT 8231

(n,n') Levels

82-Pb-206

293 Kelvin Cross Sections



9

Incident Energy (MeV)

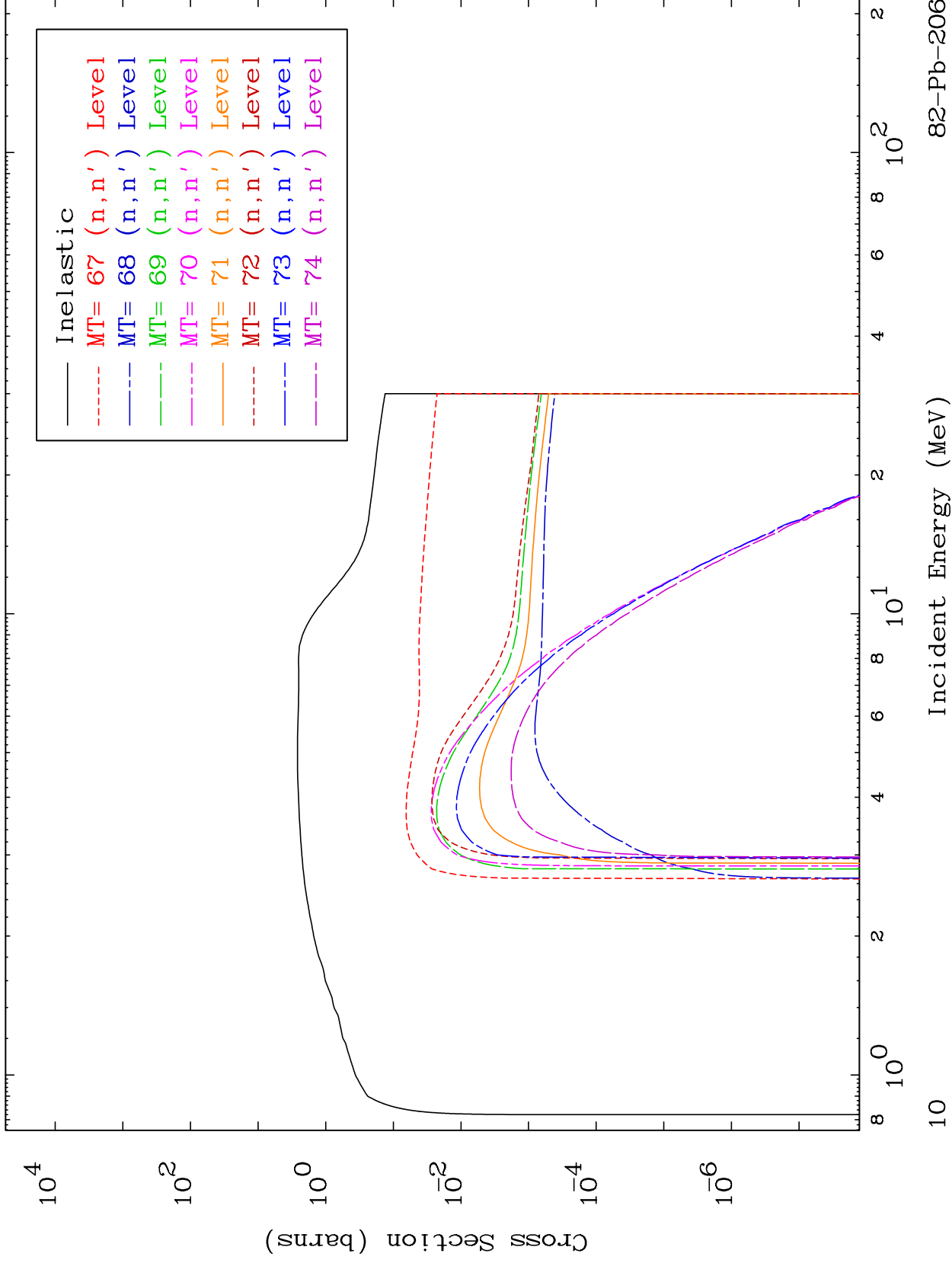
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MAT 8231

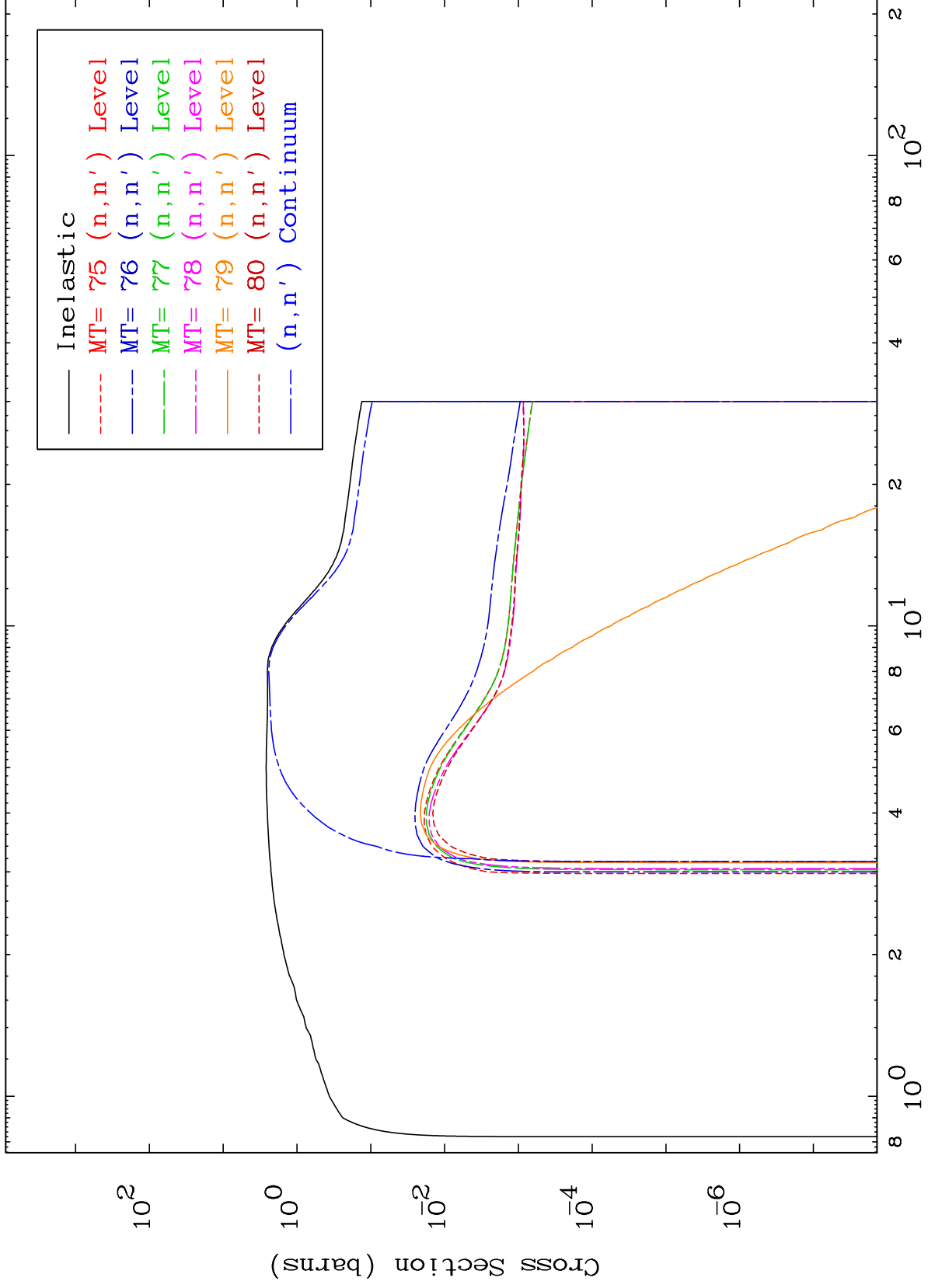
(n,n') Levels

82-Pb-206

293 Kelvin Cross Sections



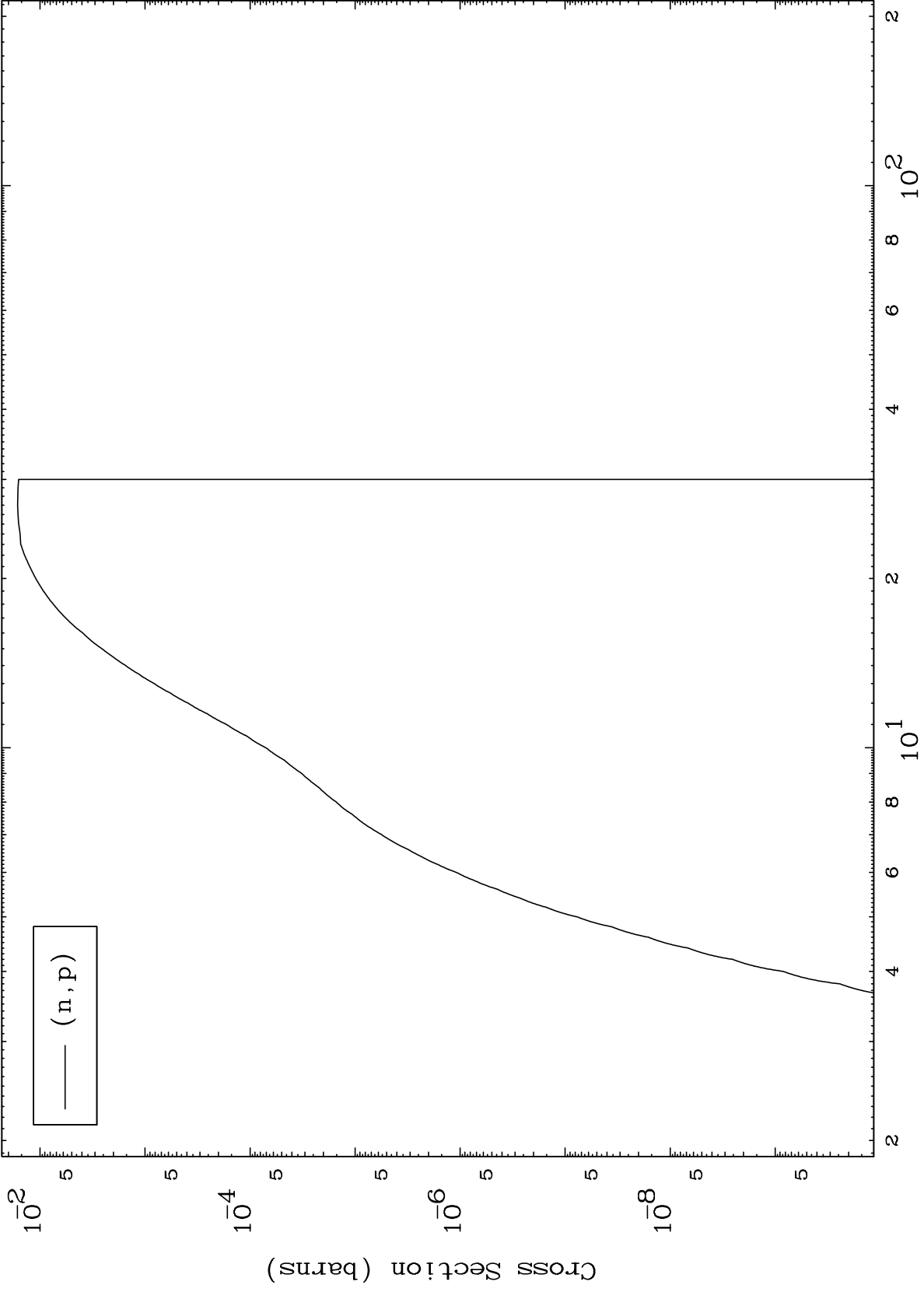
293 Kelvin Cross Sections



MAT 8231

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-206



12

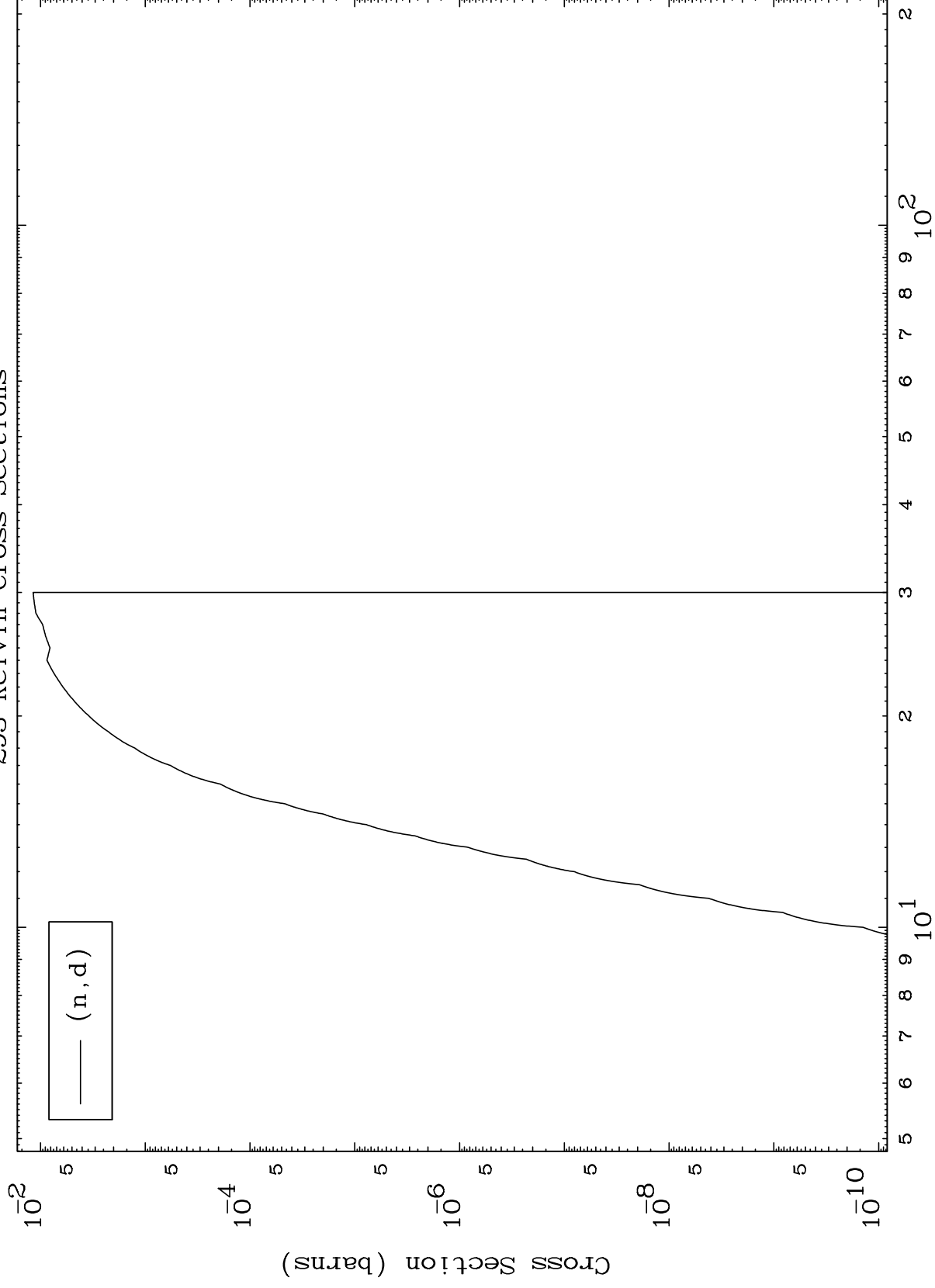
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-206



13

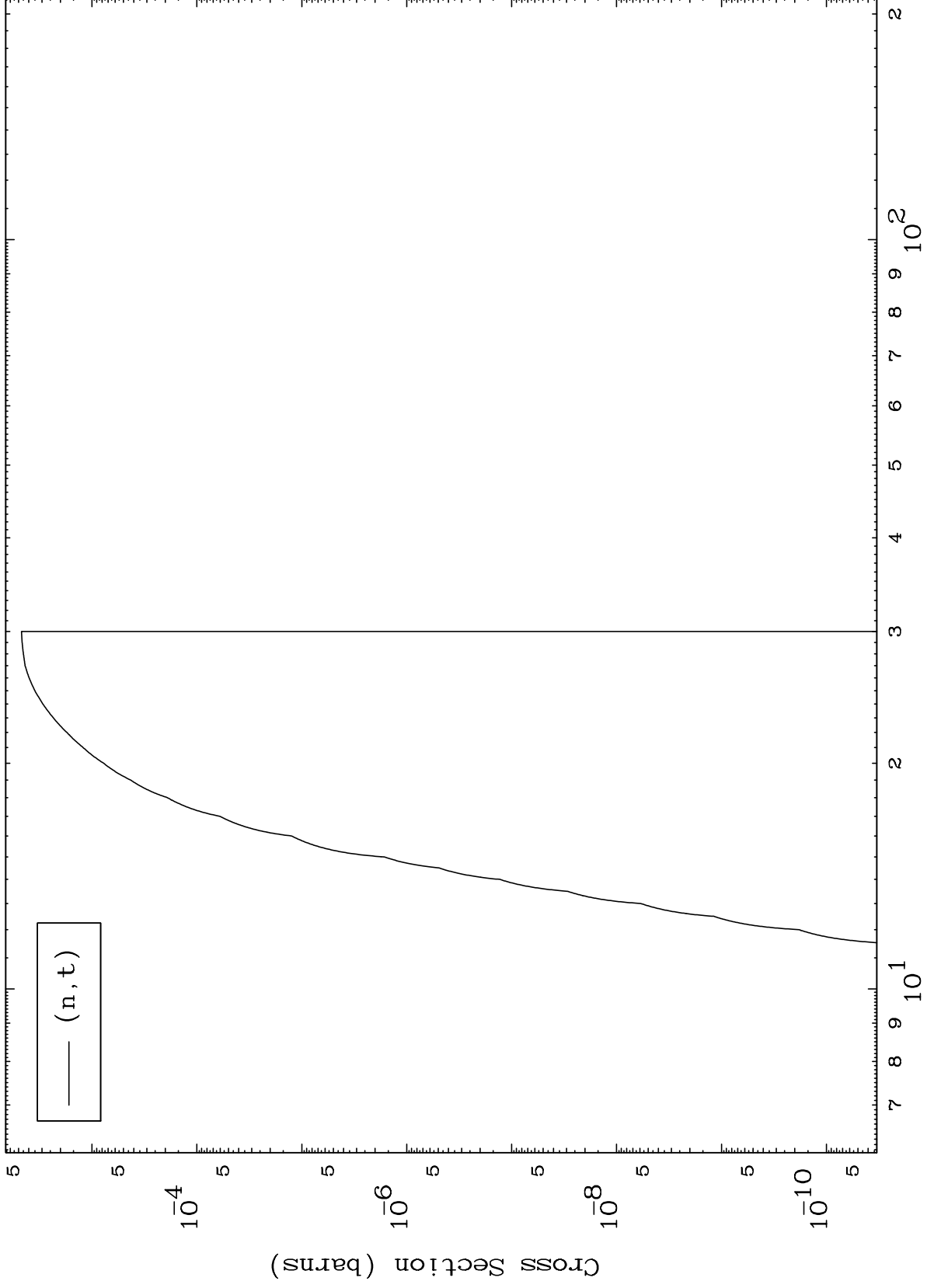
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-206



14

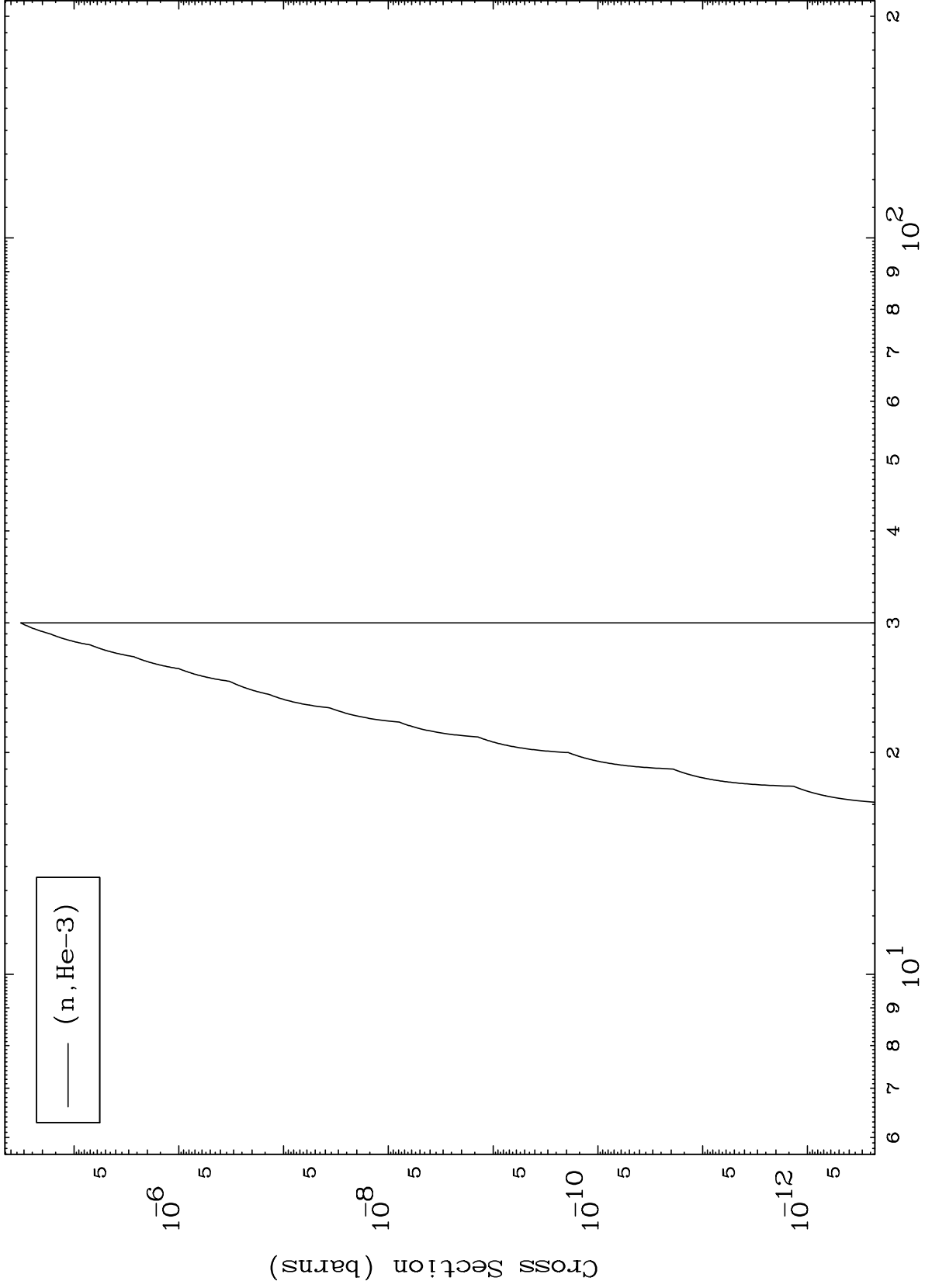
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-206



15

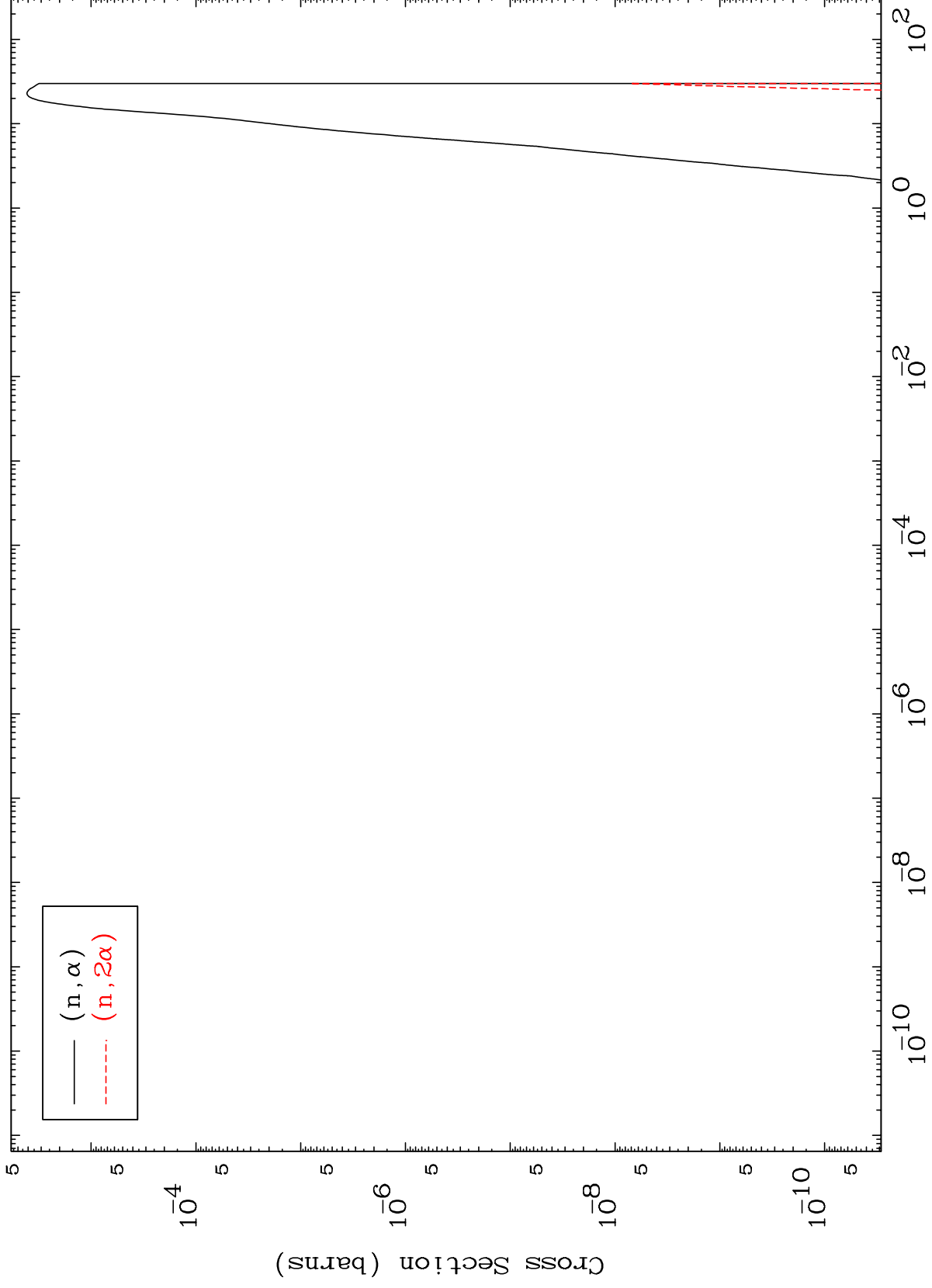
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n, α) Levels
293 Kelvin Cross Sections

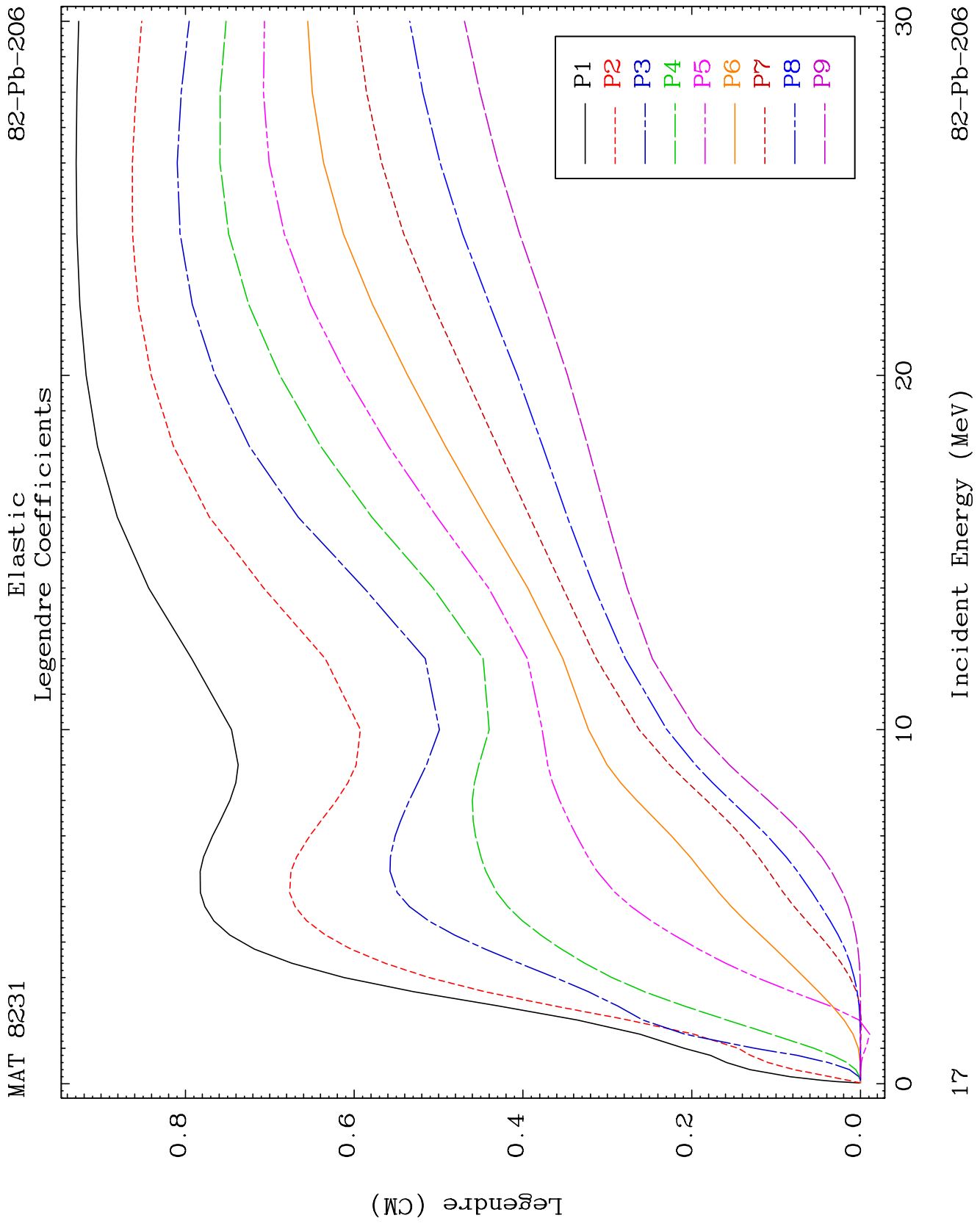
82-Pb-206



16

Incident Energy (MeV)

82-Pb-206

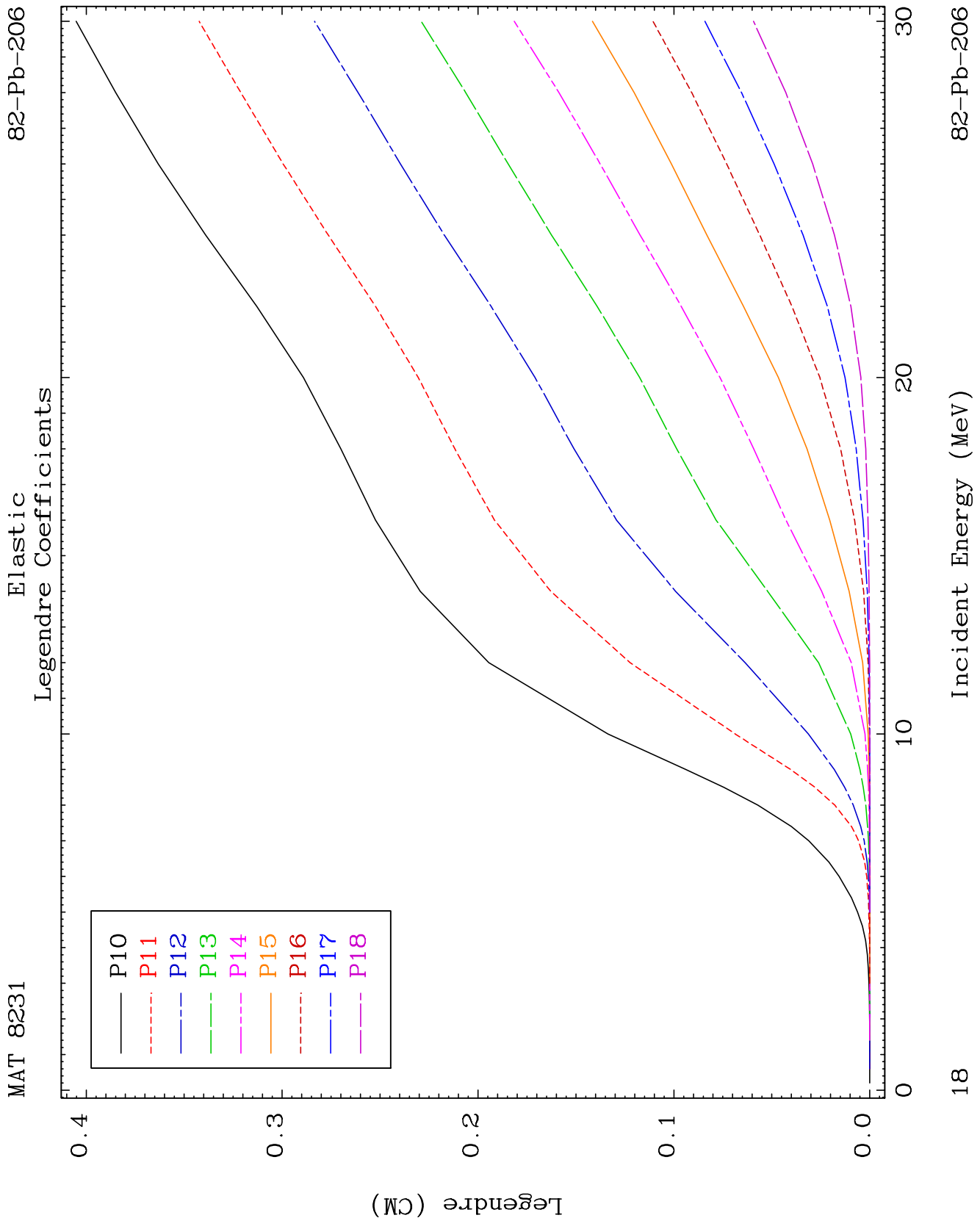


MAT 8231

$^{82}\text{Pb-206}$

17

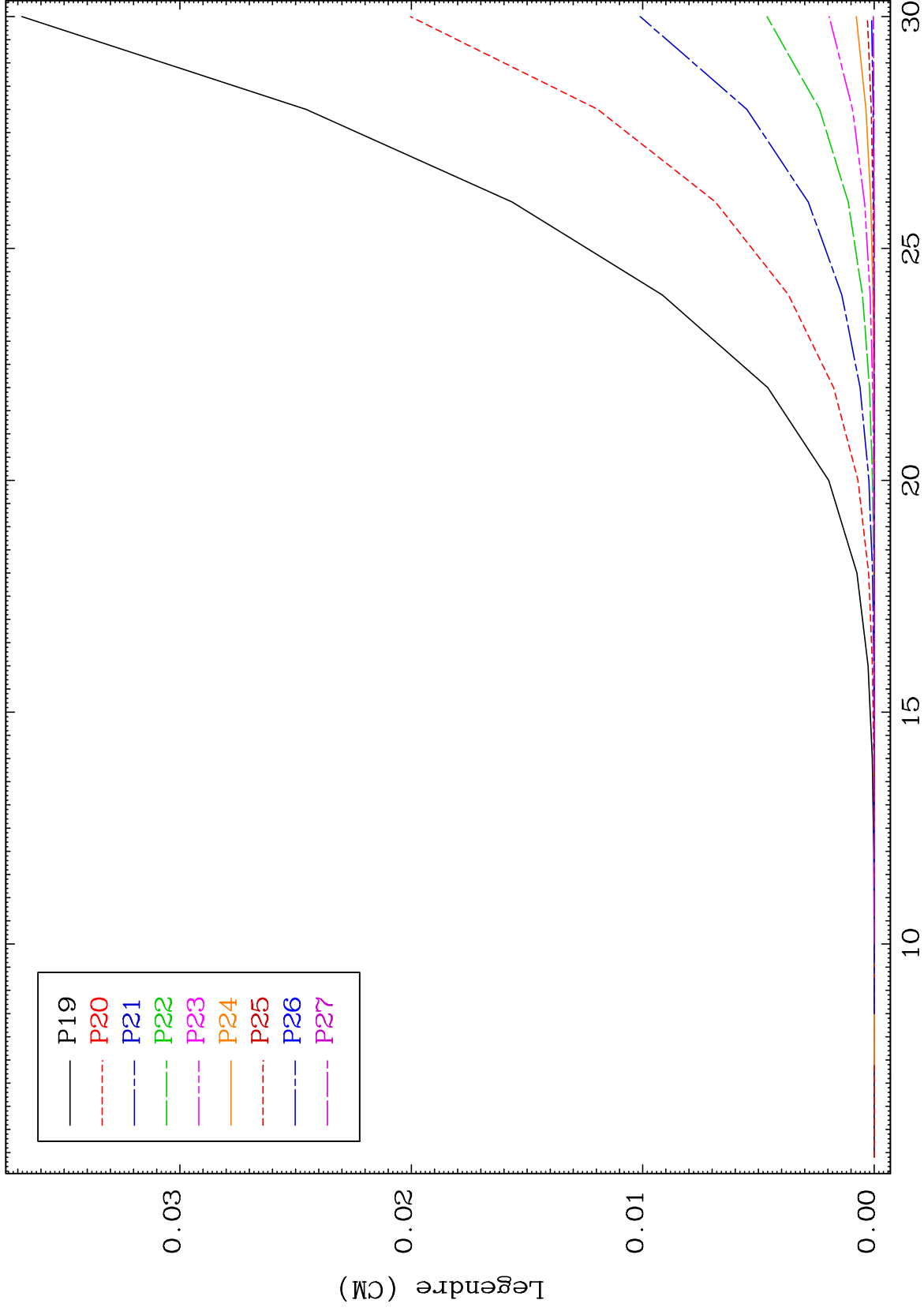
$^{82}\text{Pb-206}$



MAT 8231

Elastic Legendre Coefficients

82-Pb-206



19

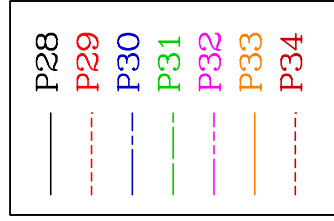
Incident Energy (MeV)

82-Pb-206

MAT 8231

Elastic
Legendre Coefficients

82-Pb-206



$\times 10^{-5}$

1.2

Legendre (CM)

0.8

0.4

0.0

15

20

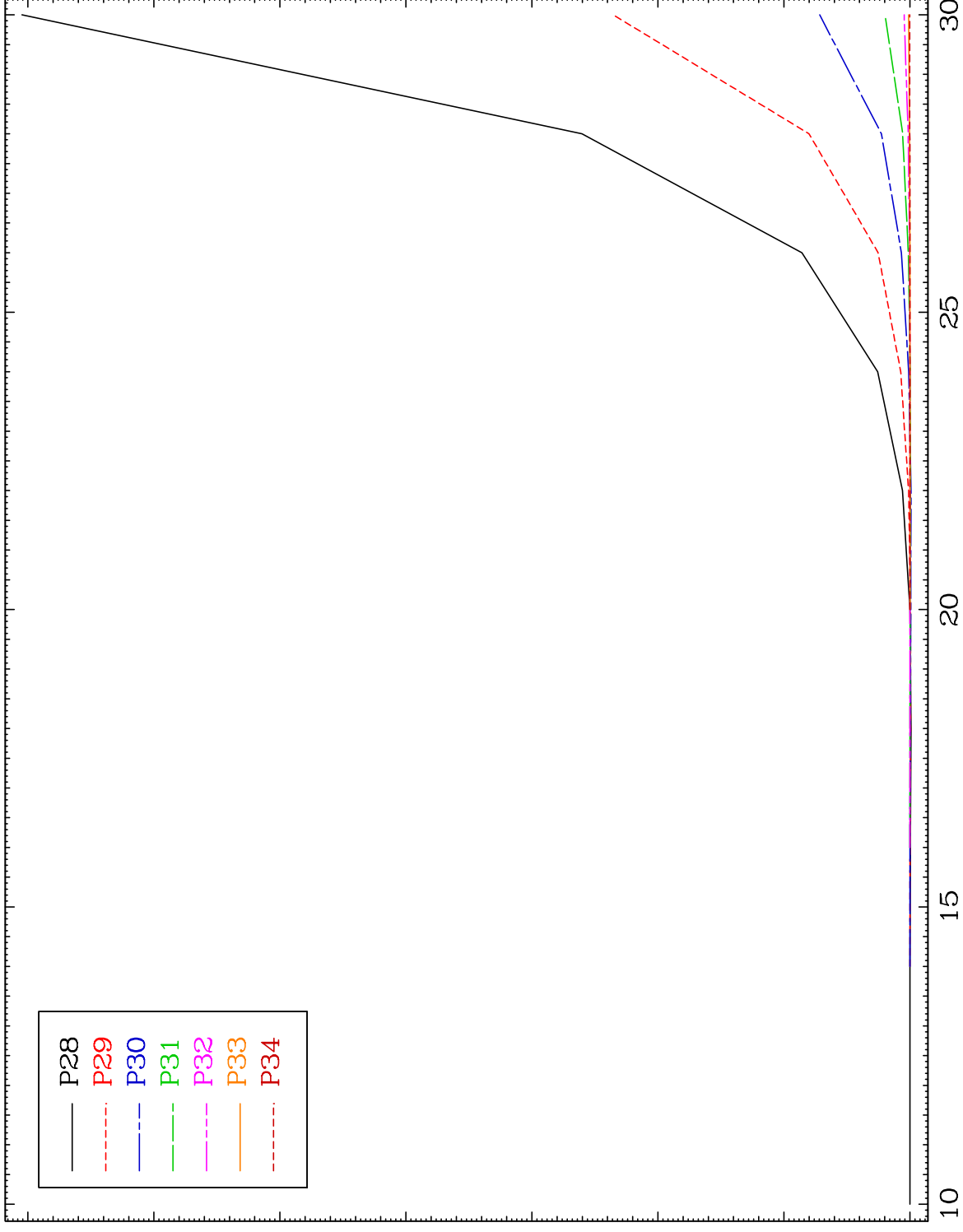
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30

20

Incident Energy (MeV)

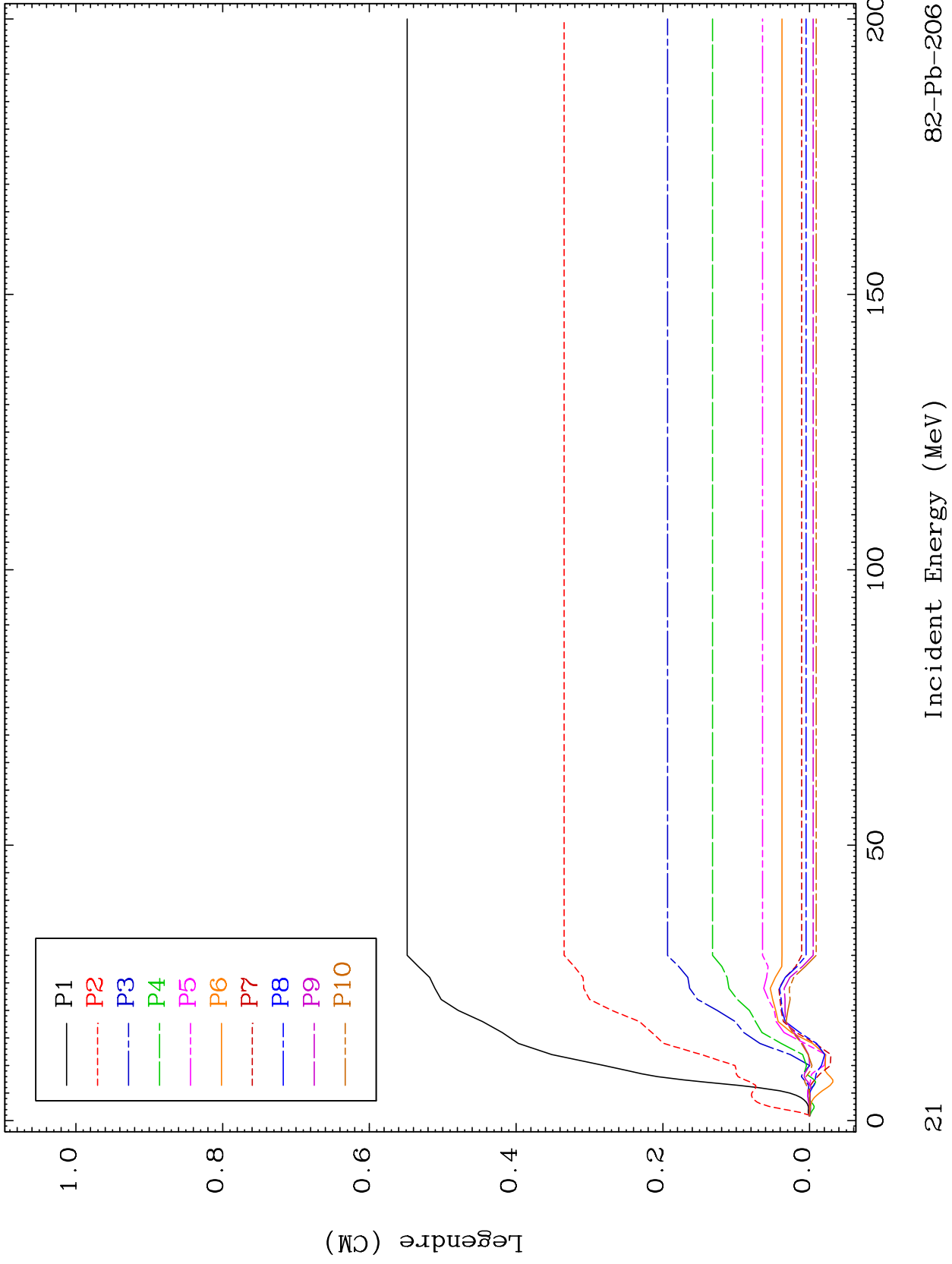
82-Pb-206



MAT 8231

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

82-Pb-206



21

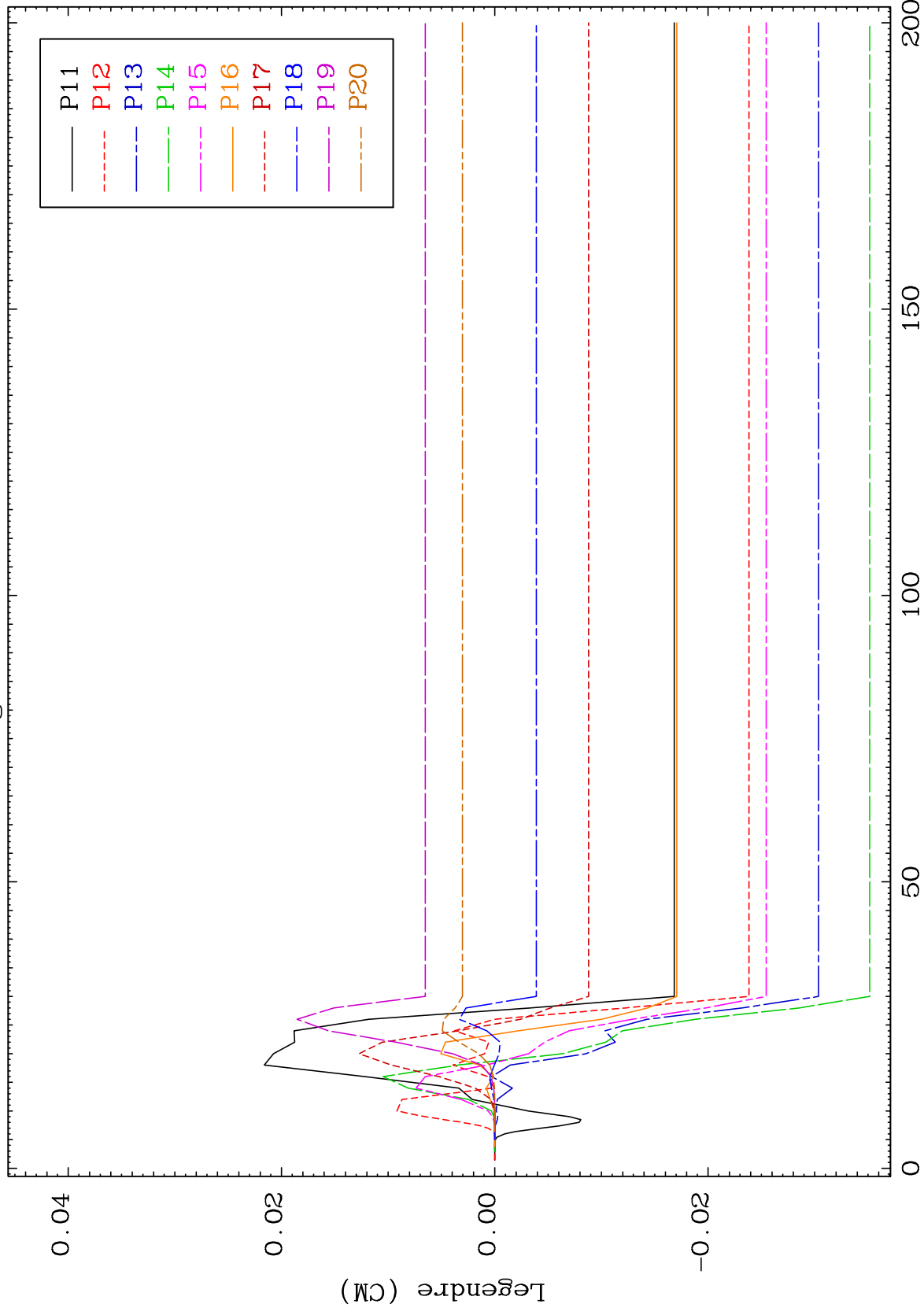
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



22

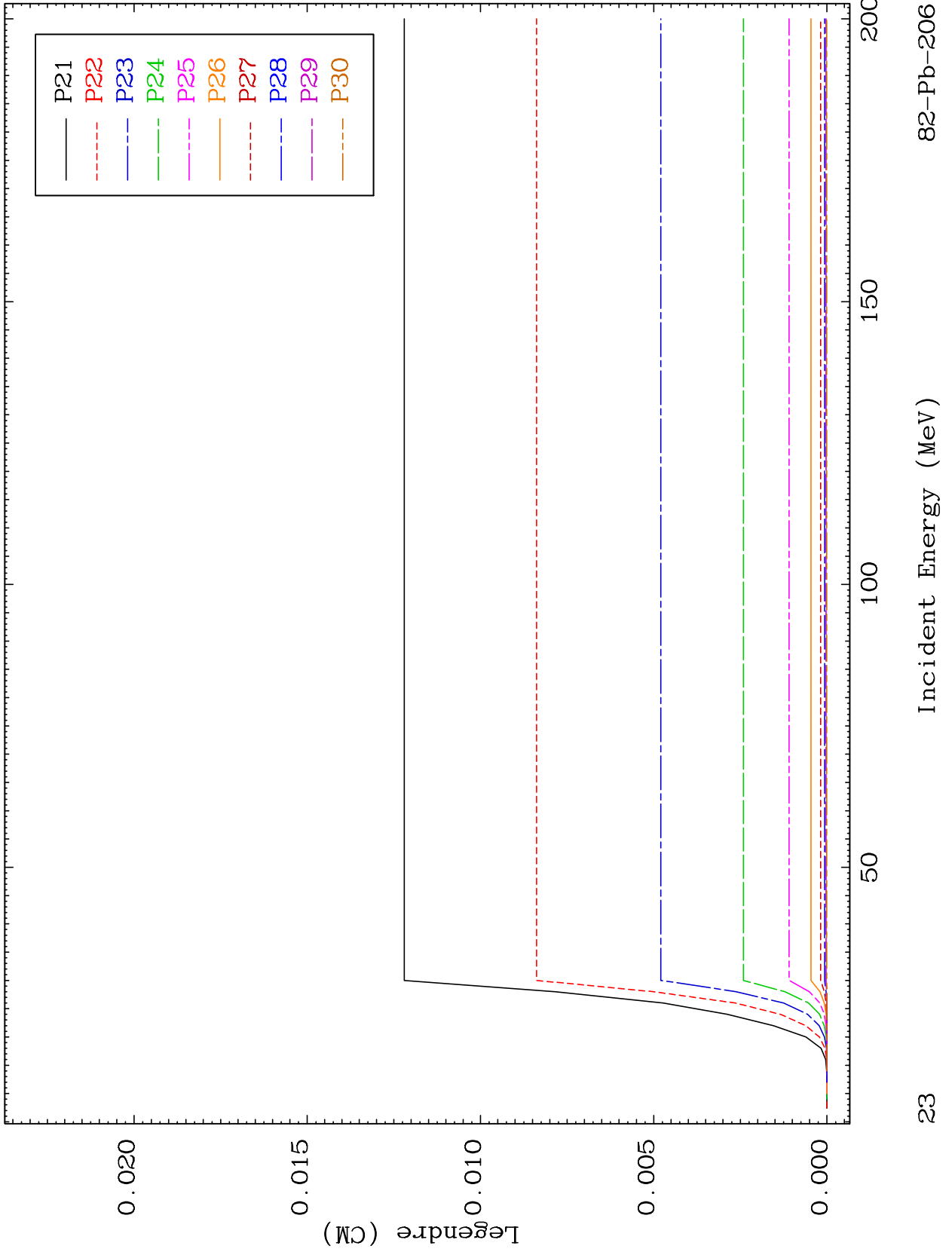
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



23

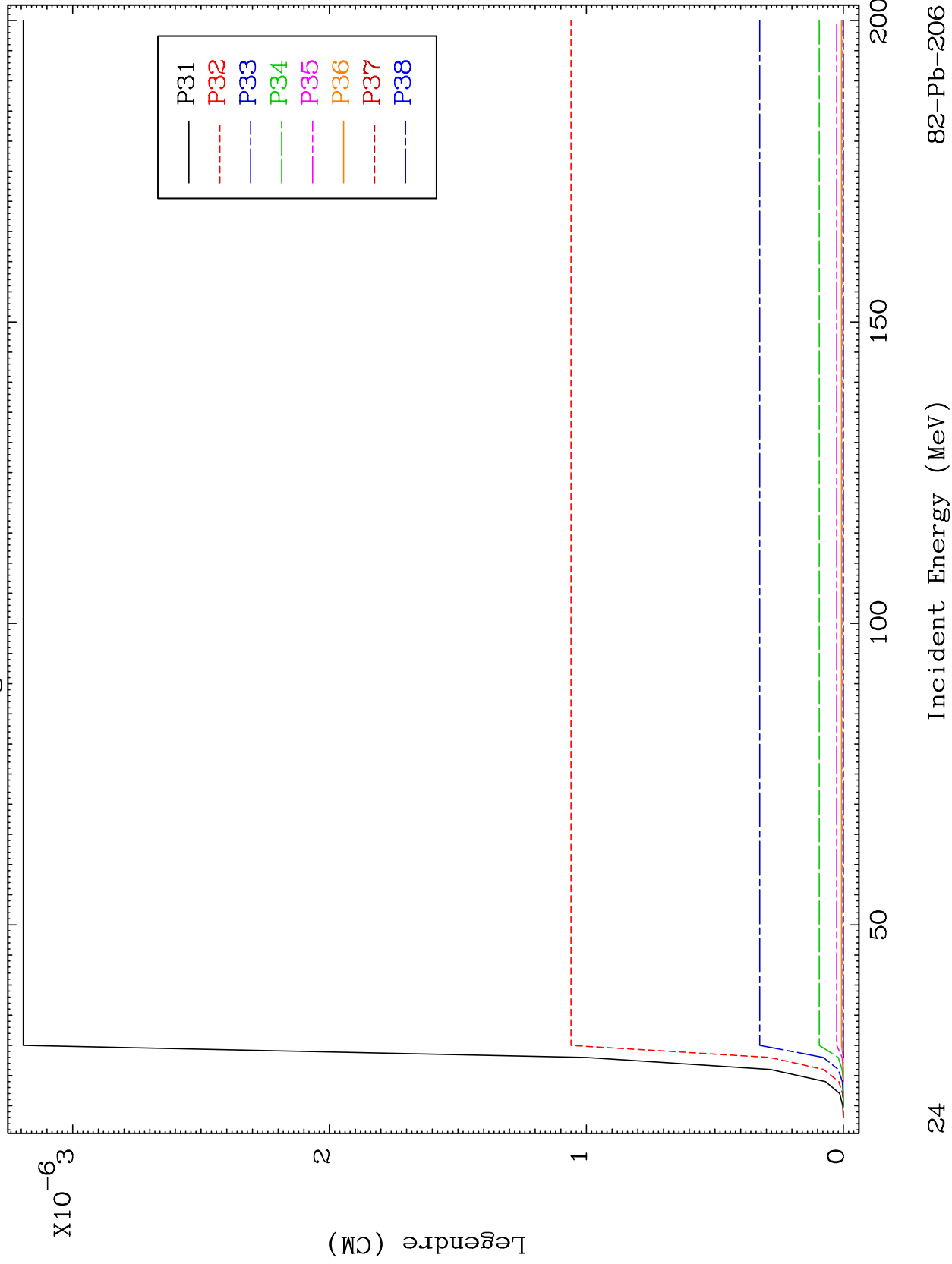
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

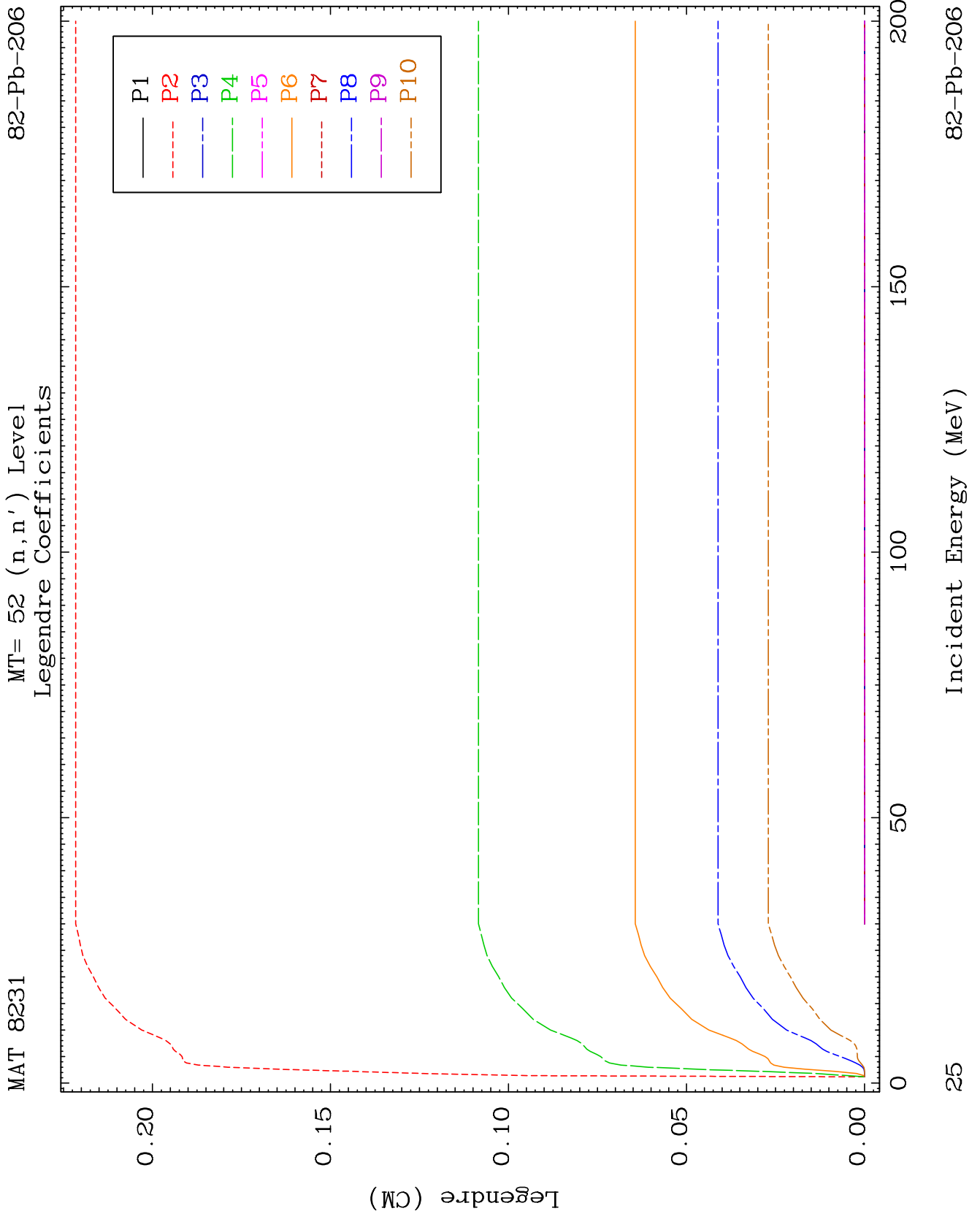
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24

Incident Energy (MeV)

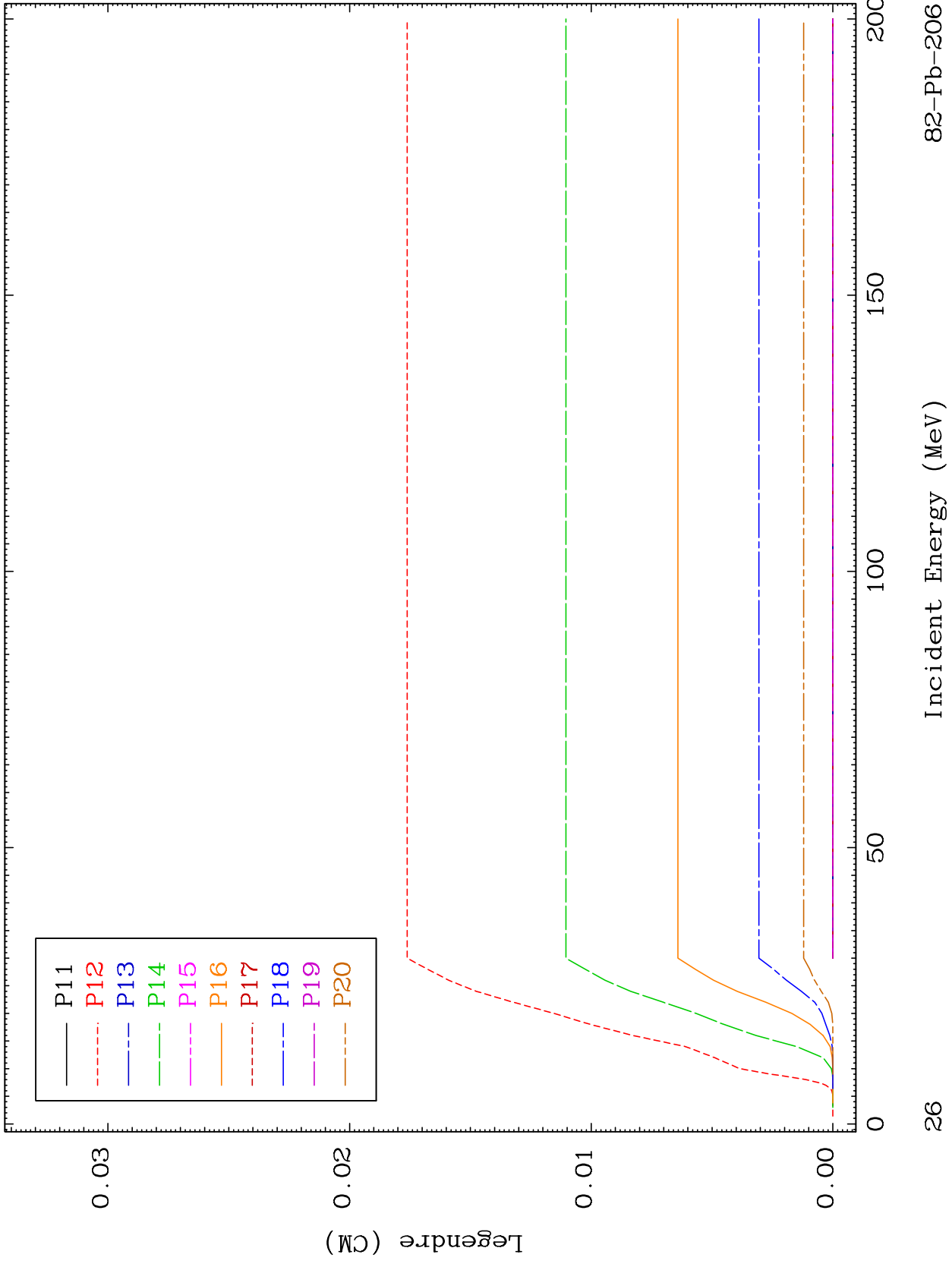
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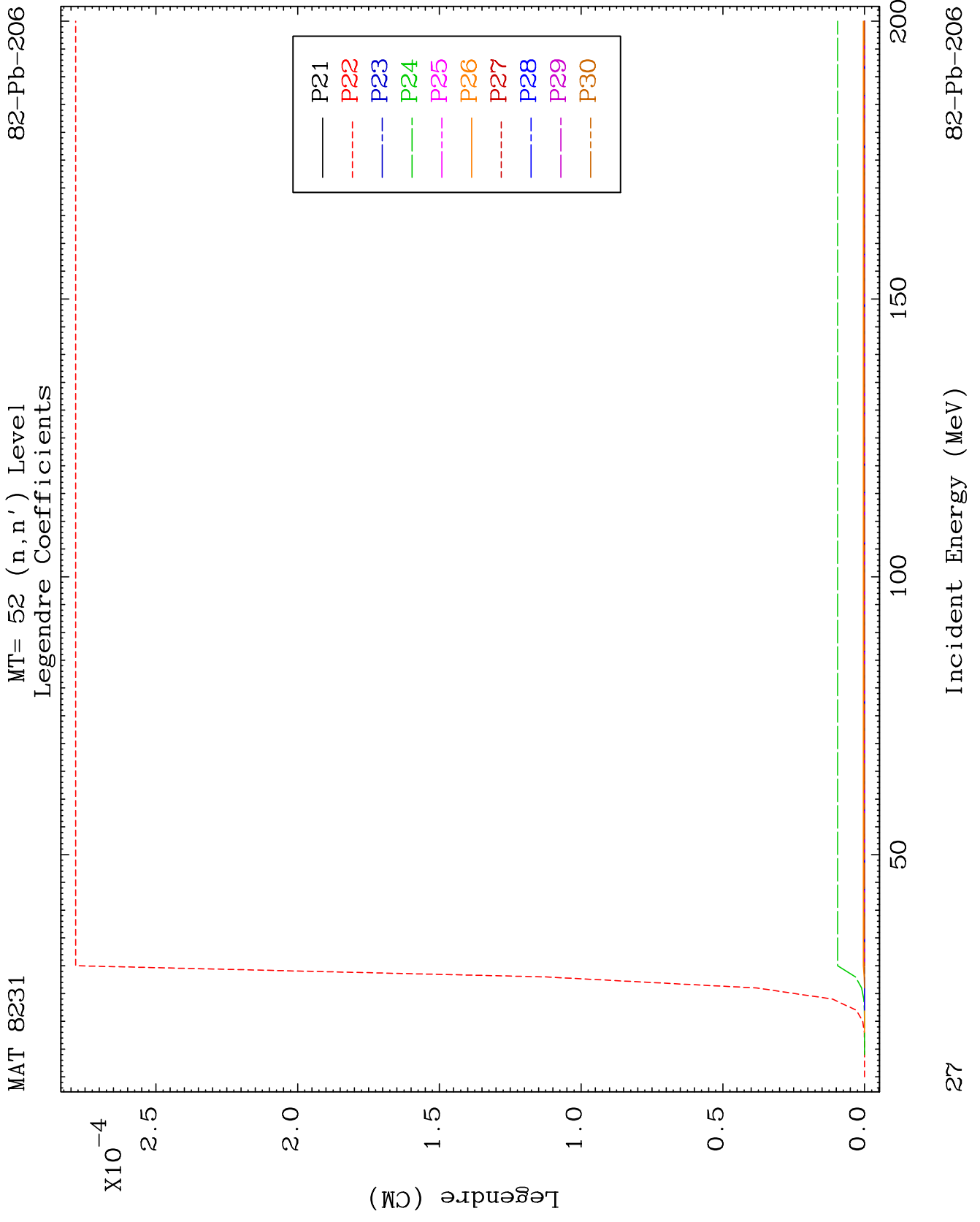
MAT 8231

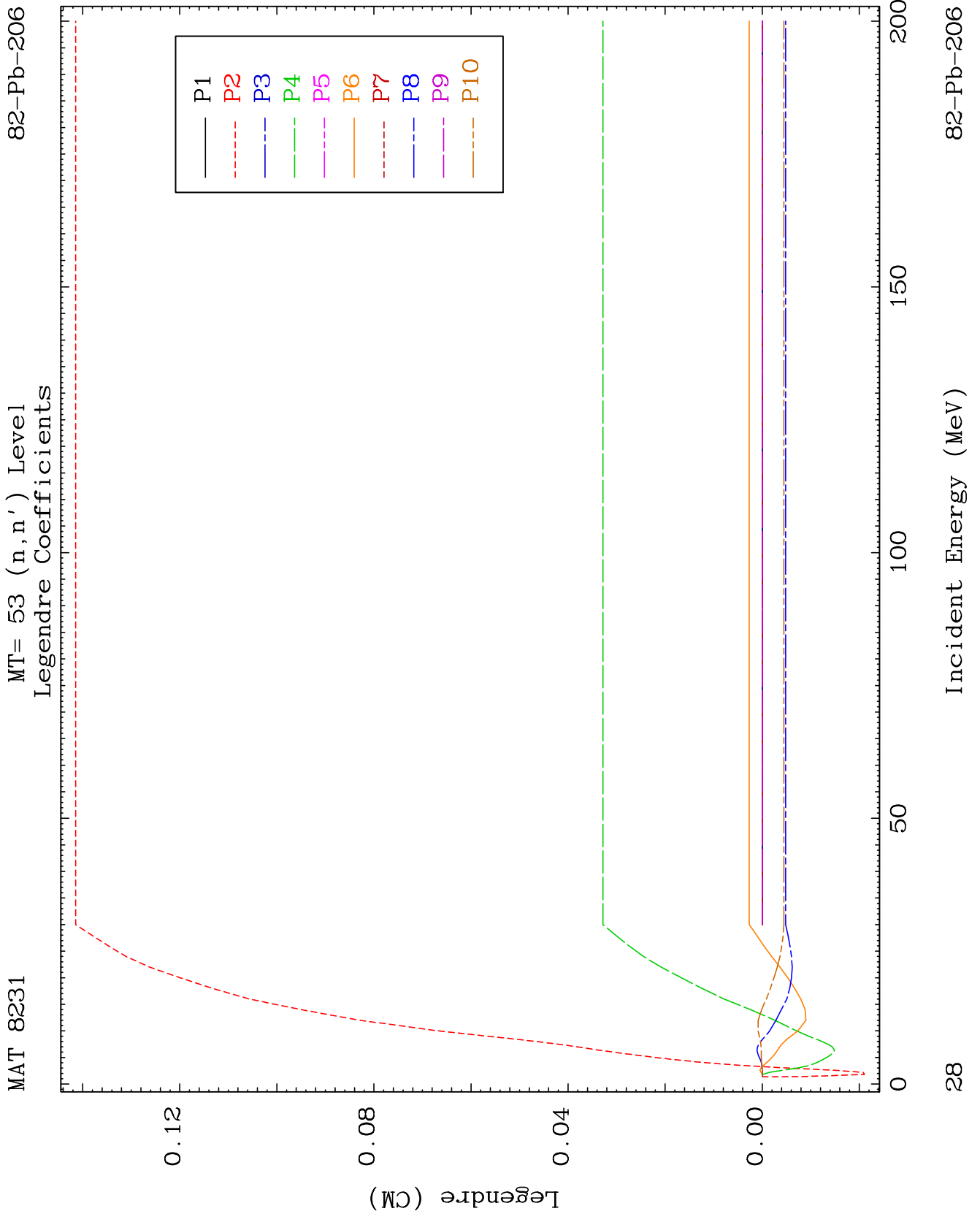
MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-206



26

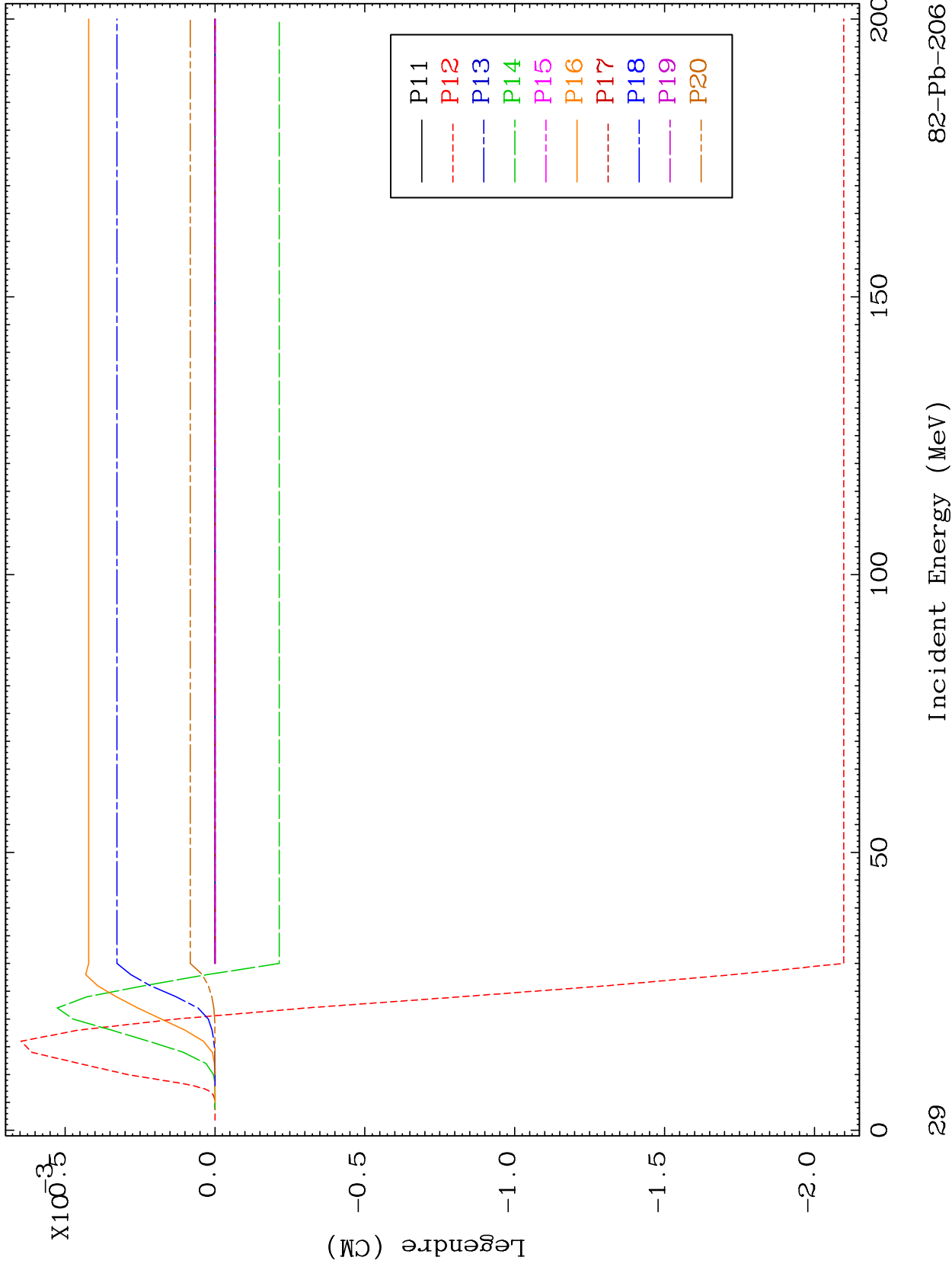




MAT 8231

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

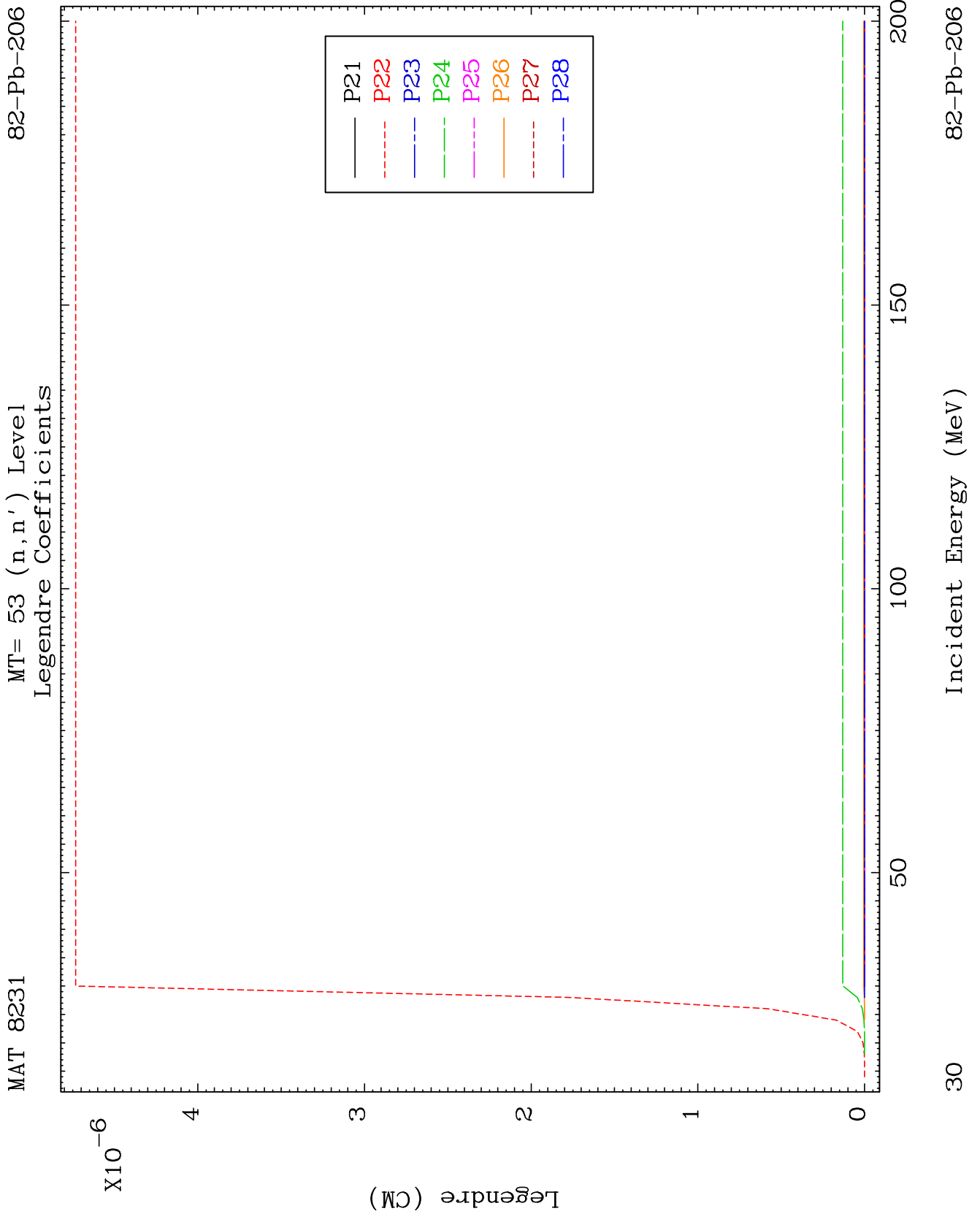
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29

Incident Energy (MeV)

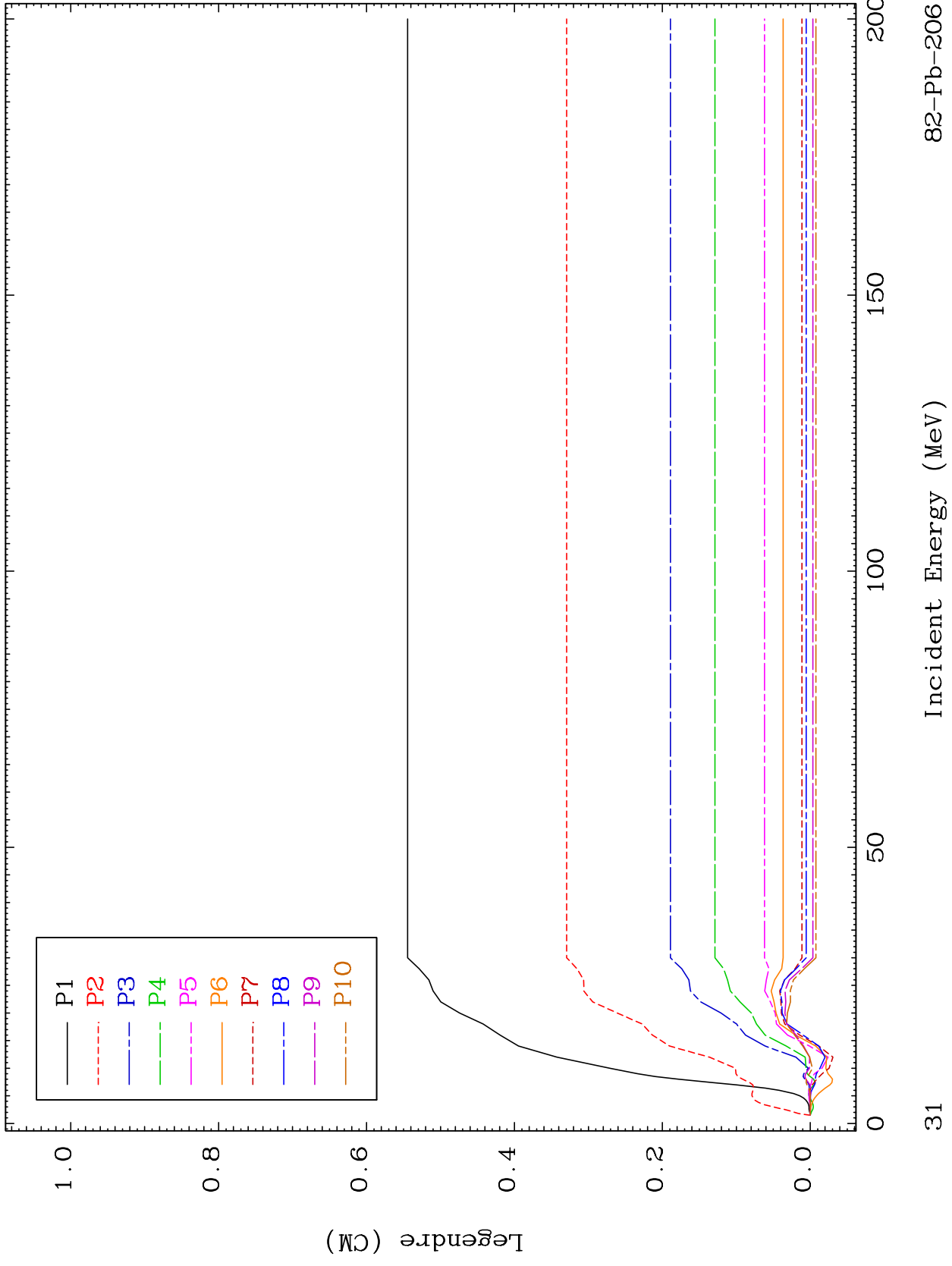
82-Pb-206



MAT 8231

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

82-Pb-206



31

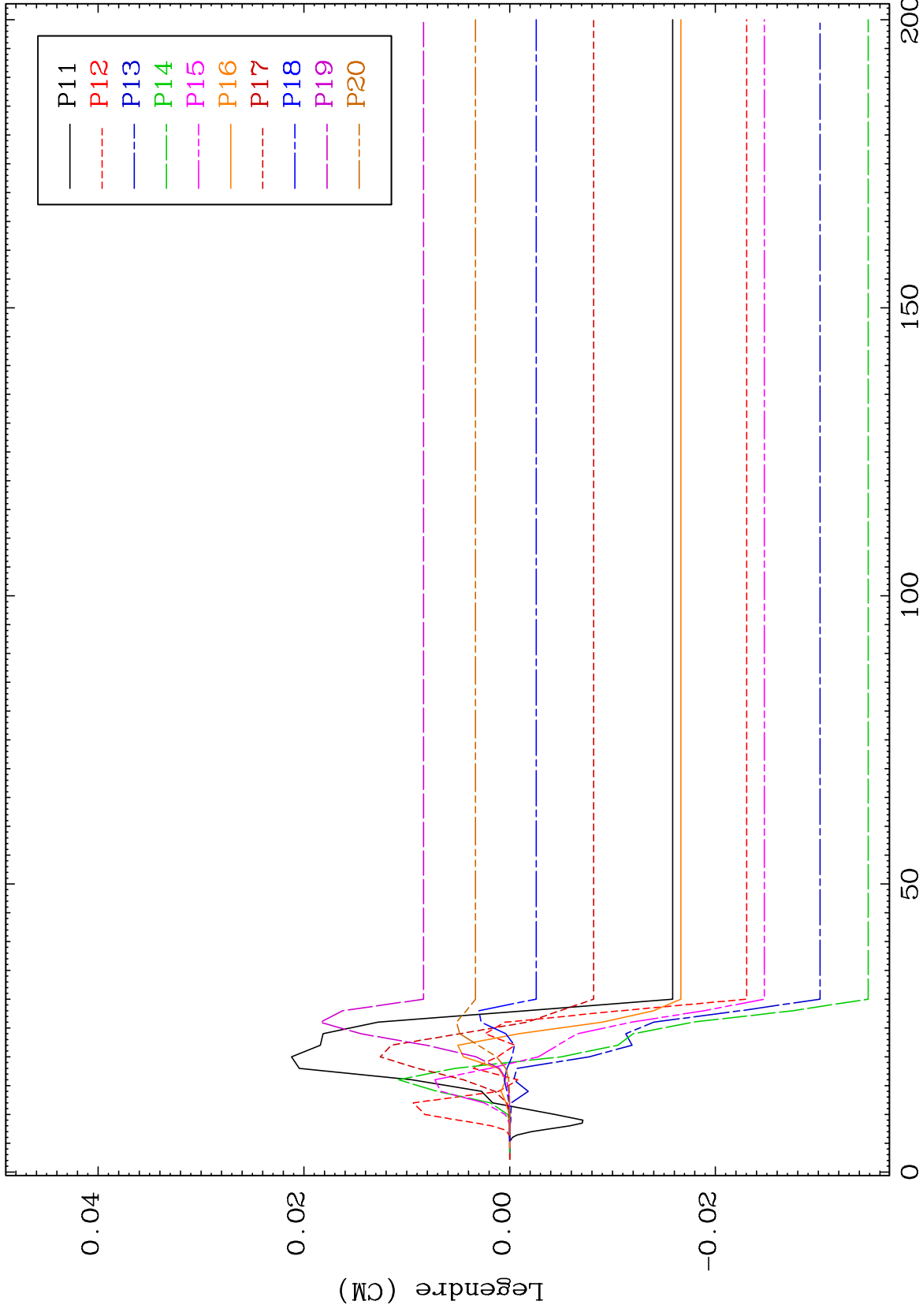
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

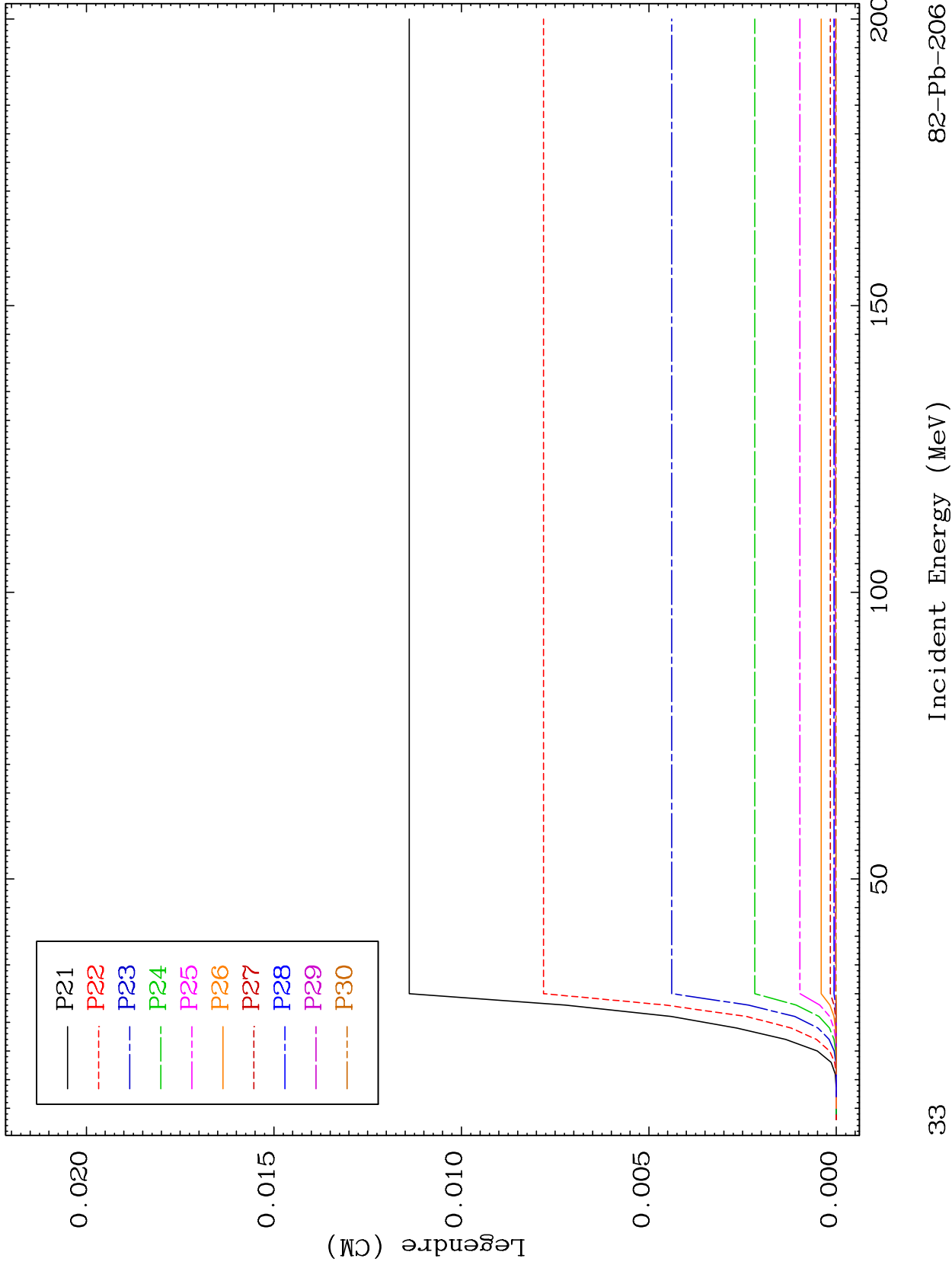
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32

Incident Energy (MeV)

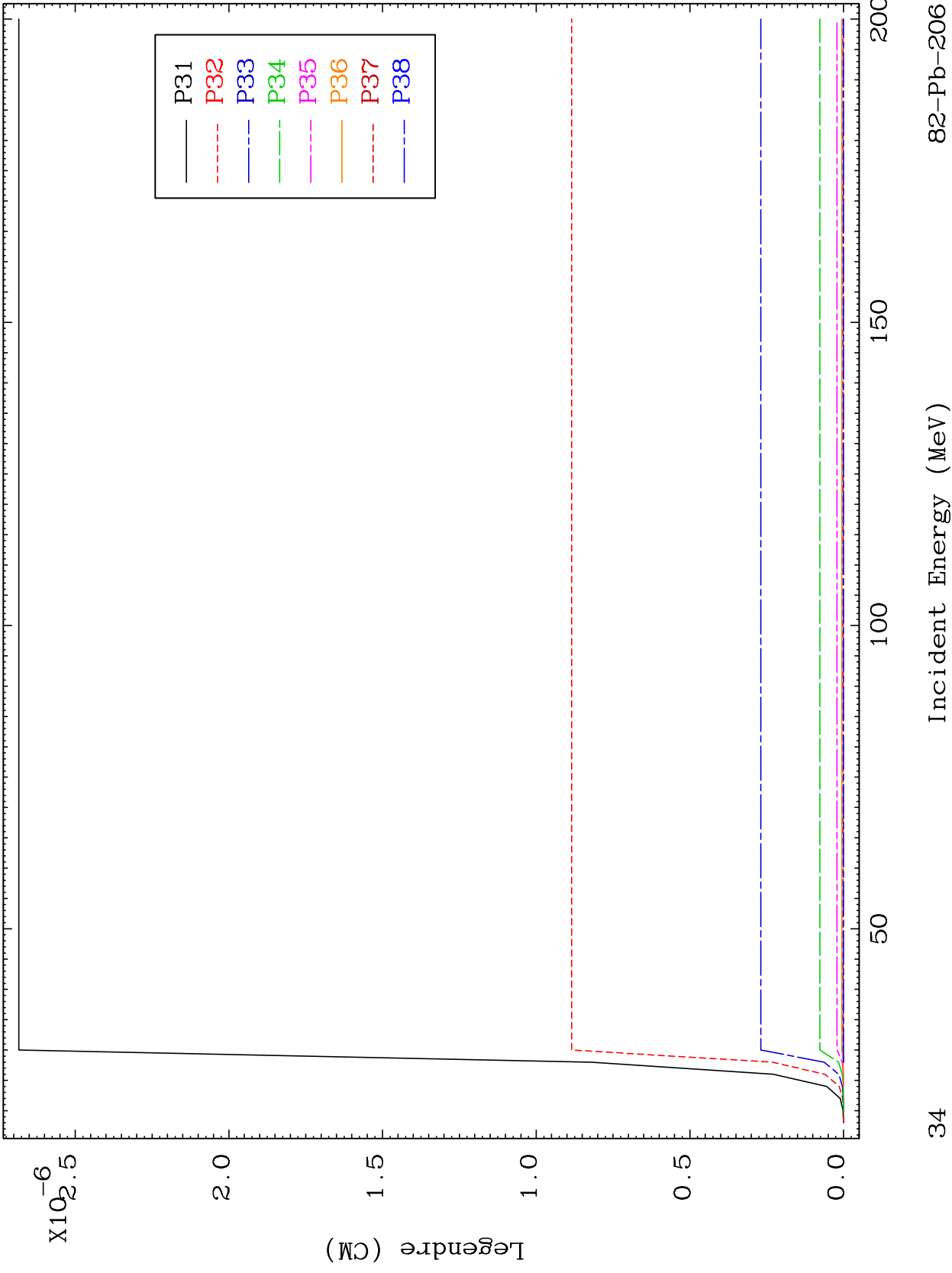
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MAT 8231

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

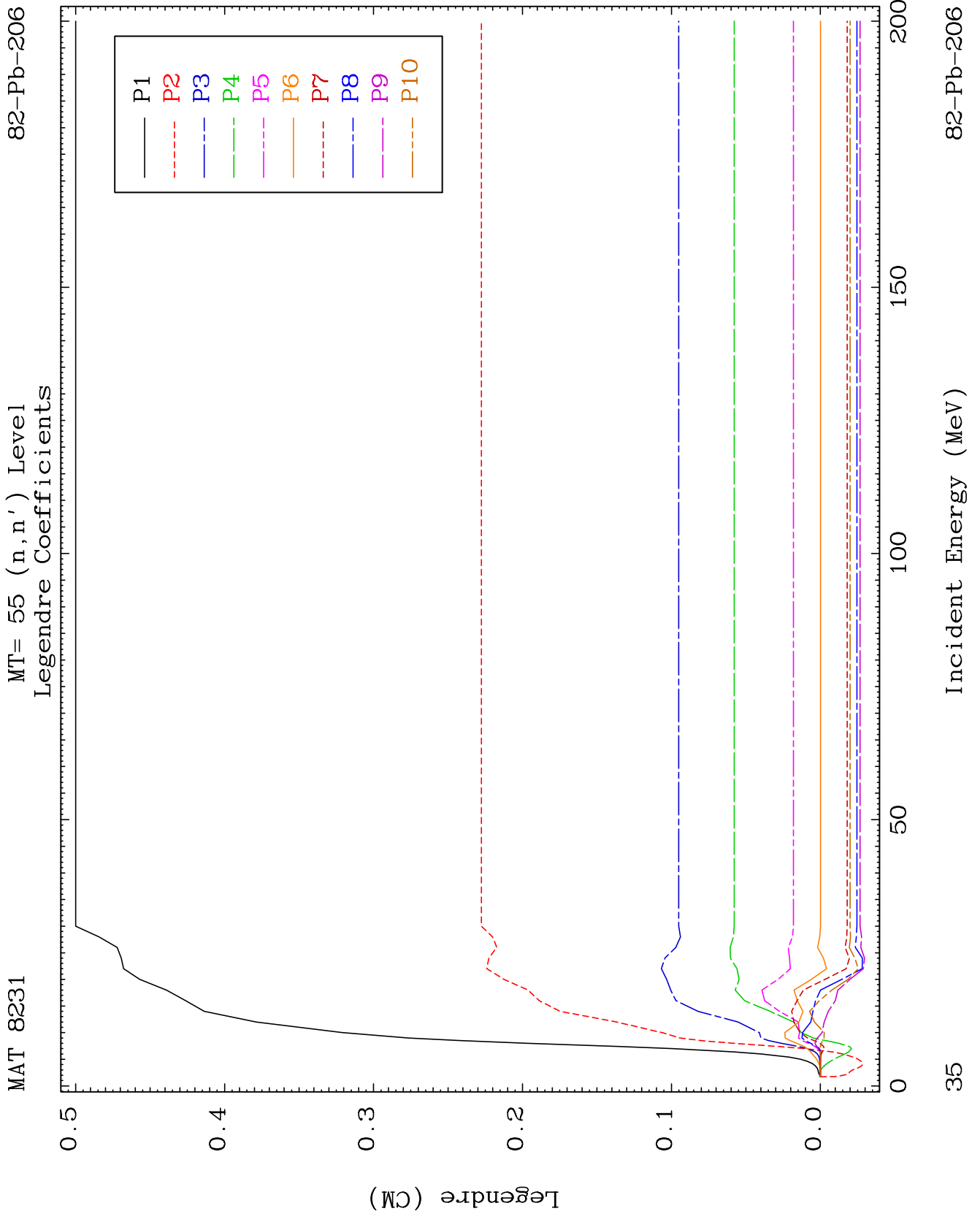
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34

Incident Energy (MeV)

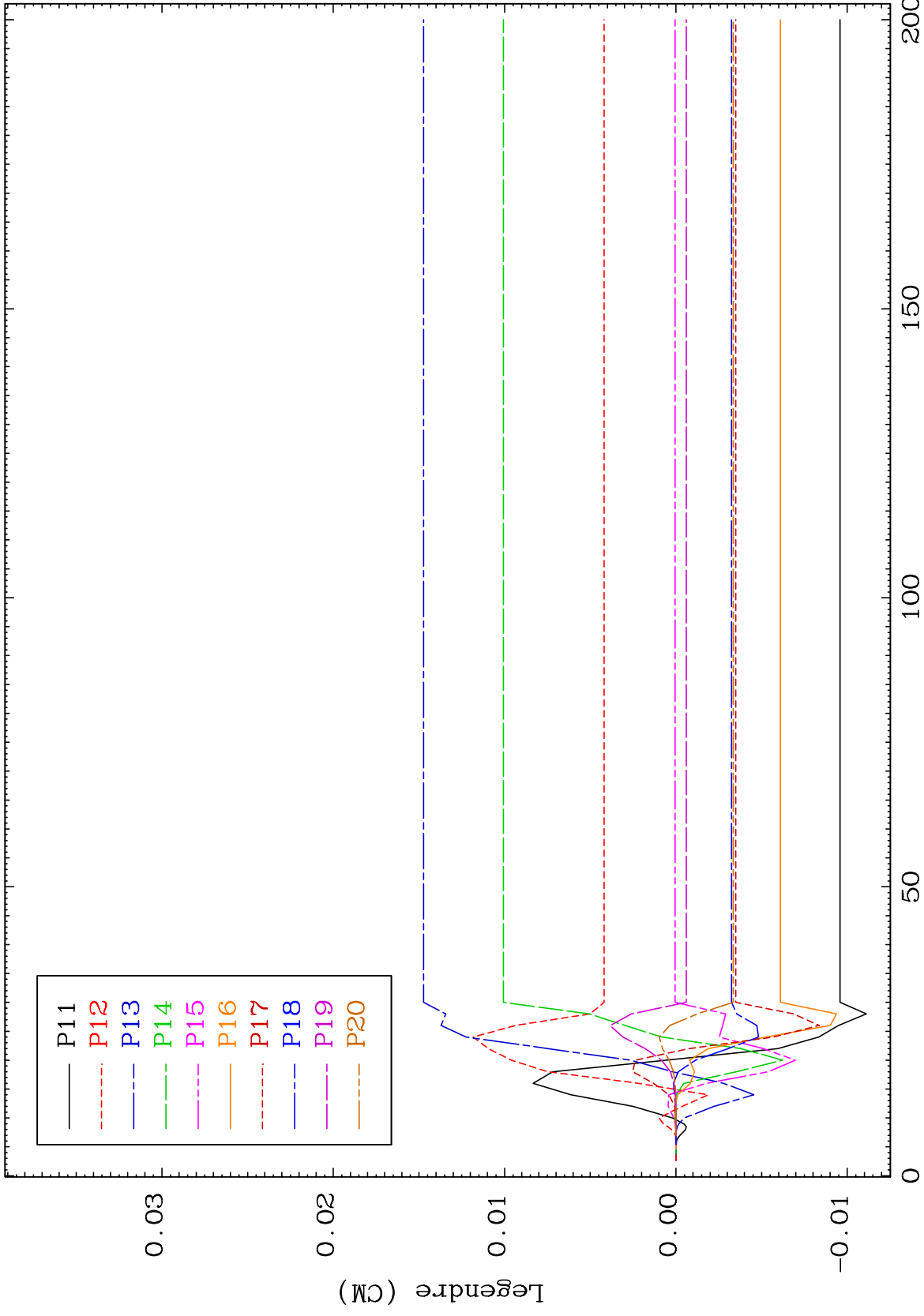
82-Pb-206



MAT 8231

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

82-Pb-206



36

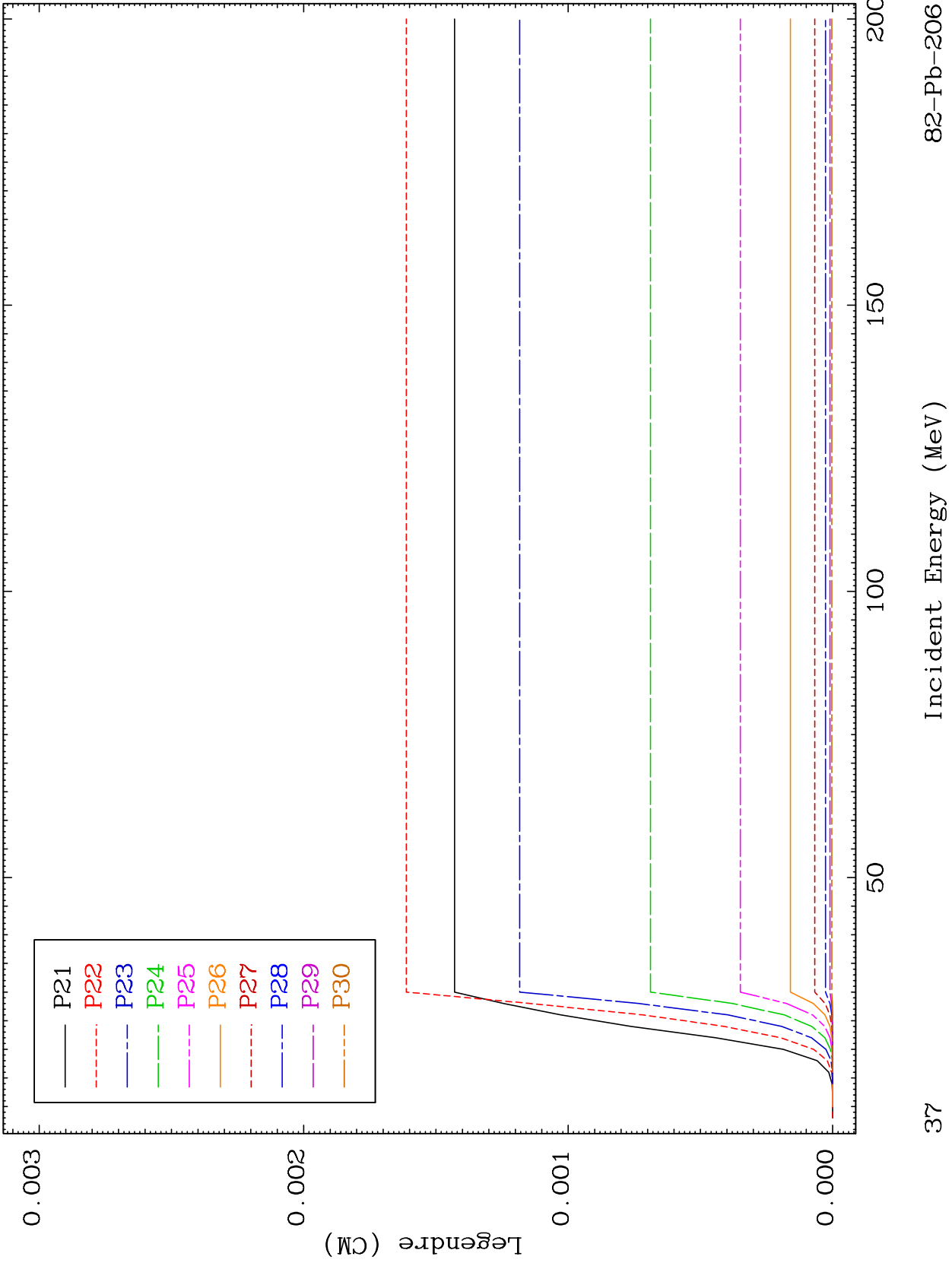
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



37

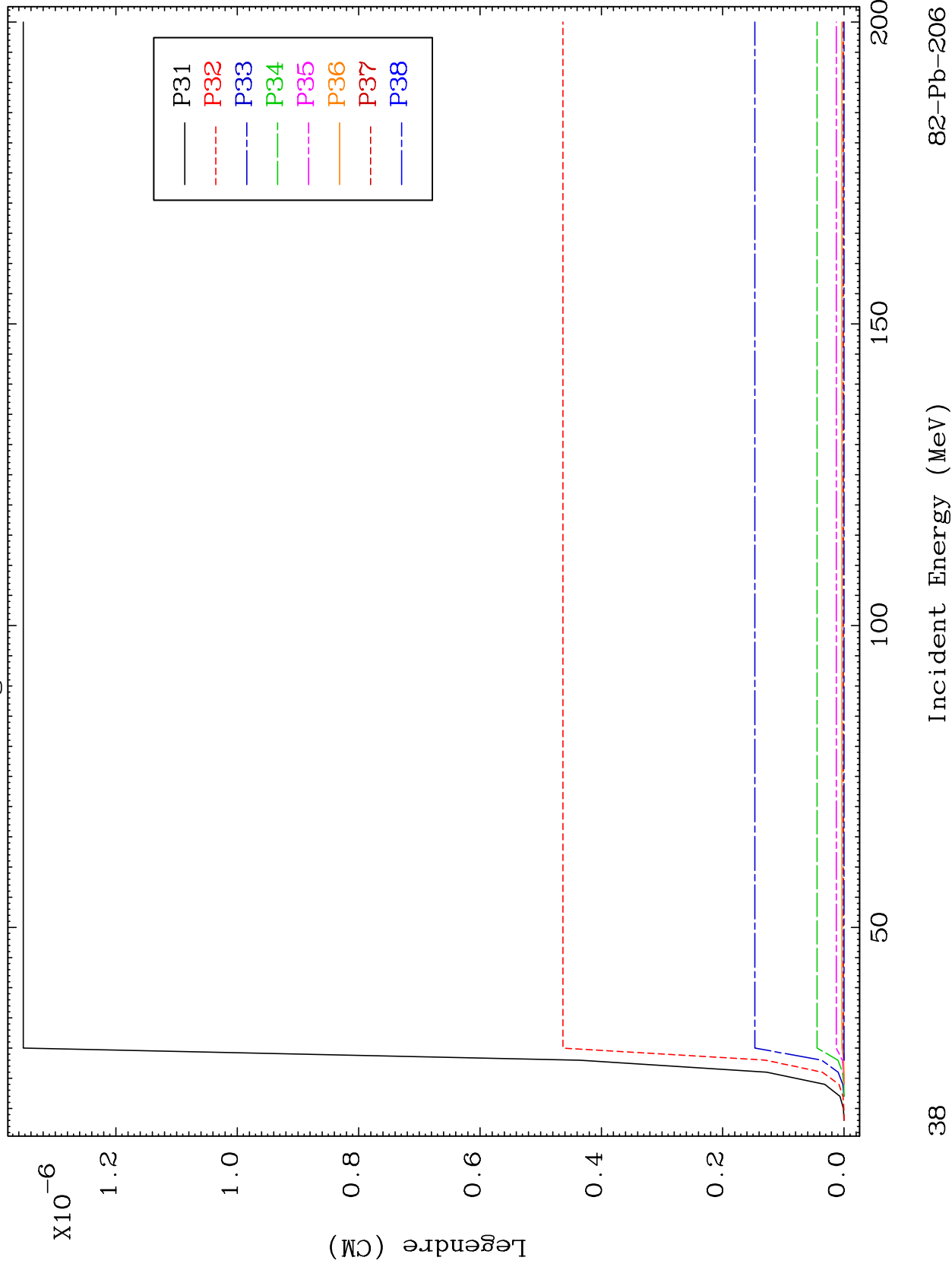
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

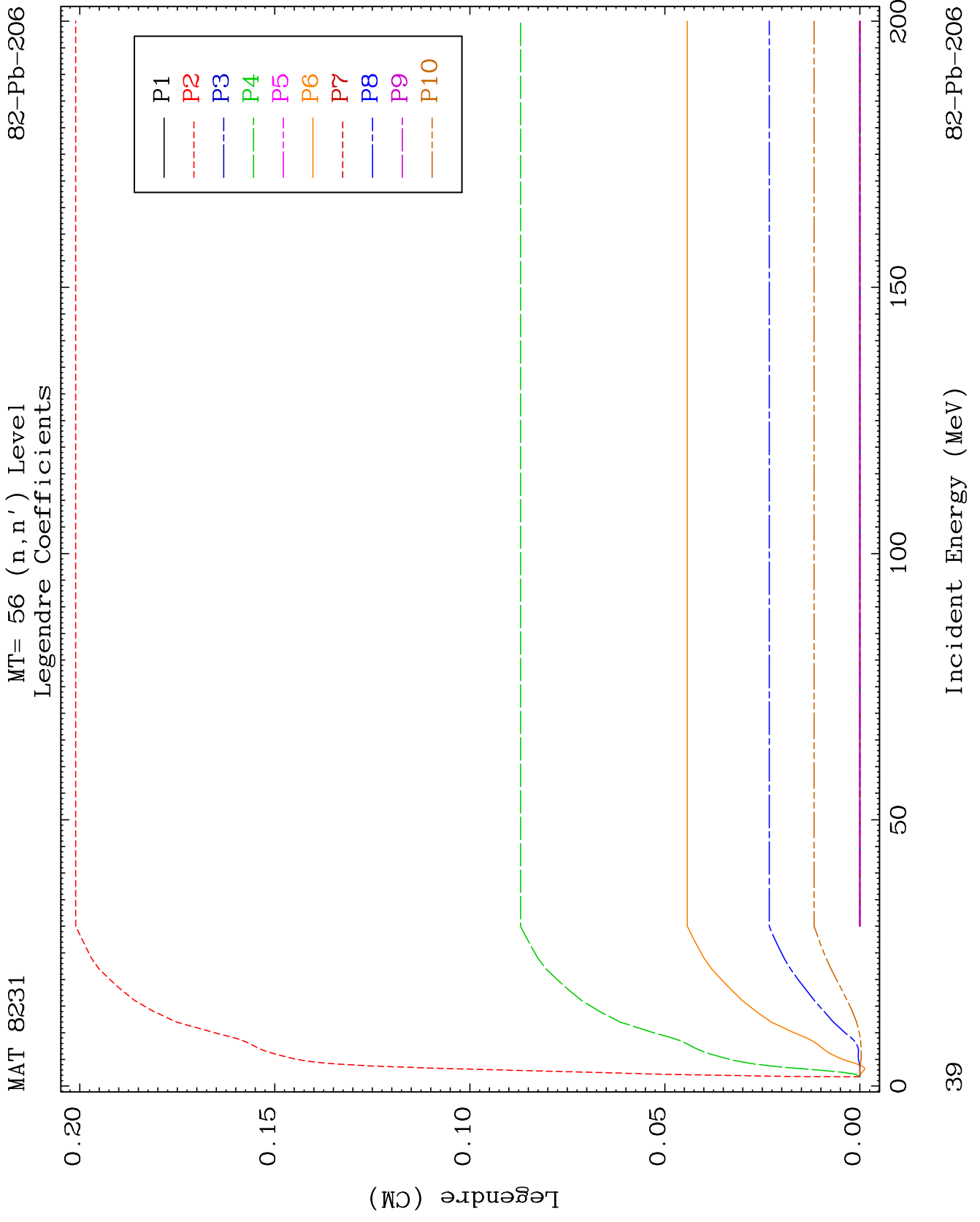
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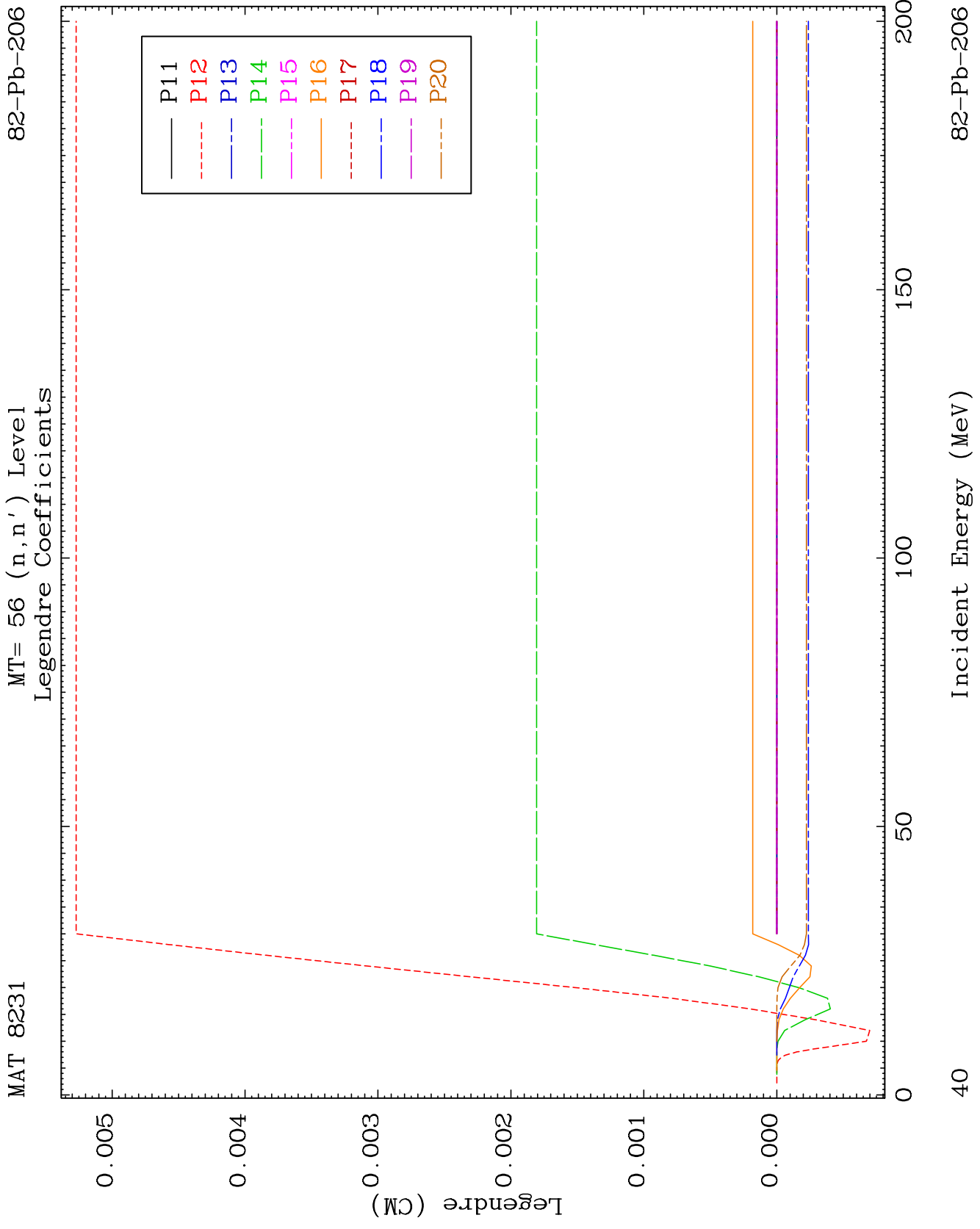


38

Incident Energy (MeV)

82-Pb-206

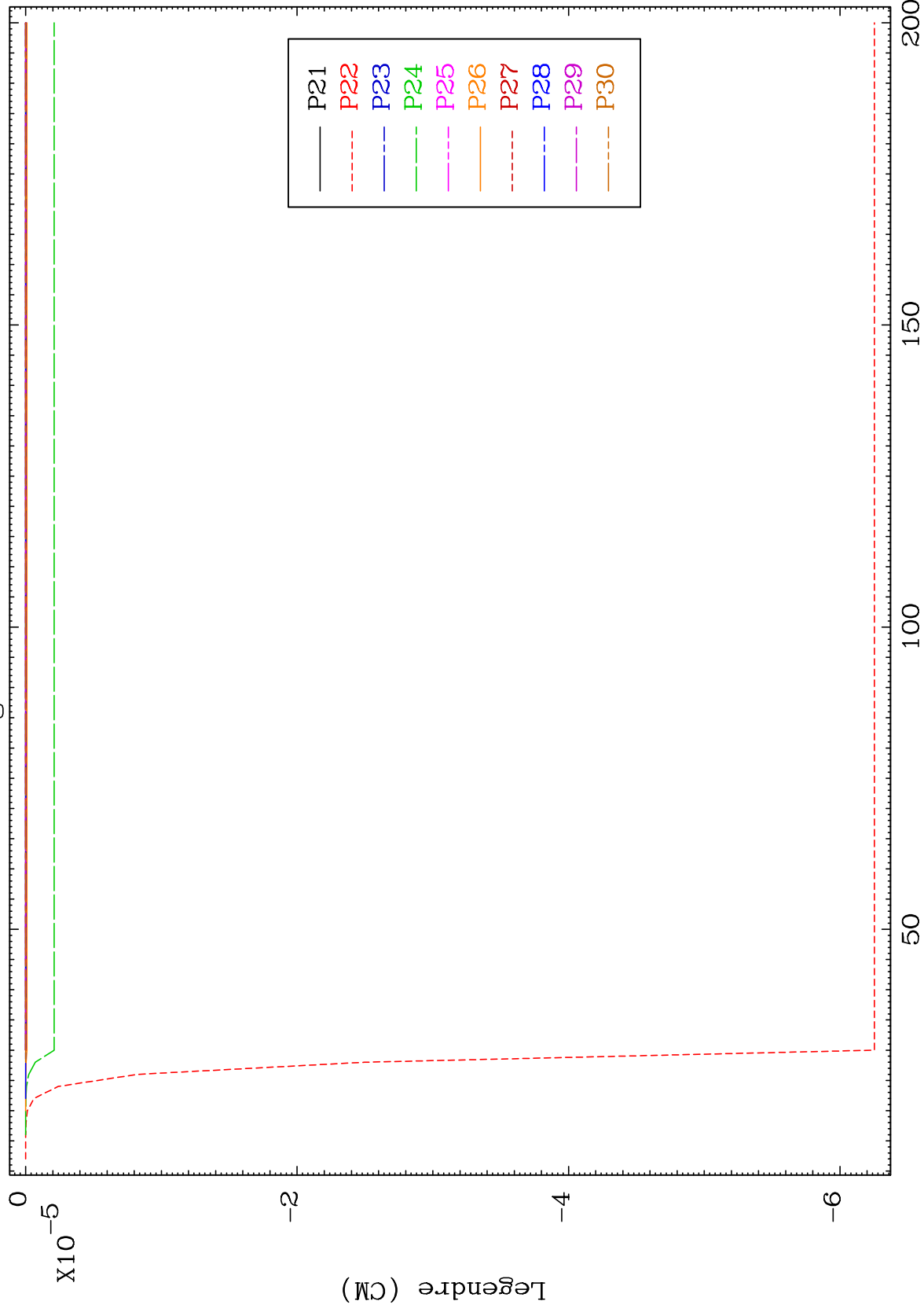




MAT 8231

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

82-Pb-206



41

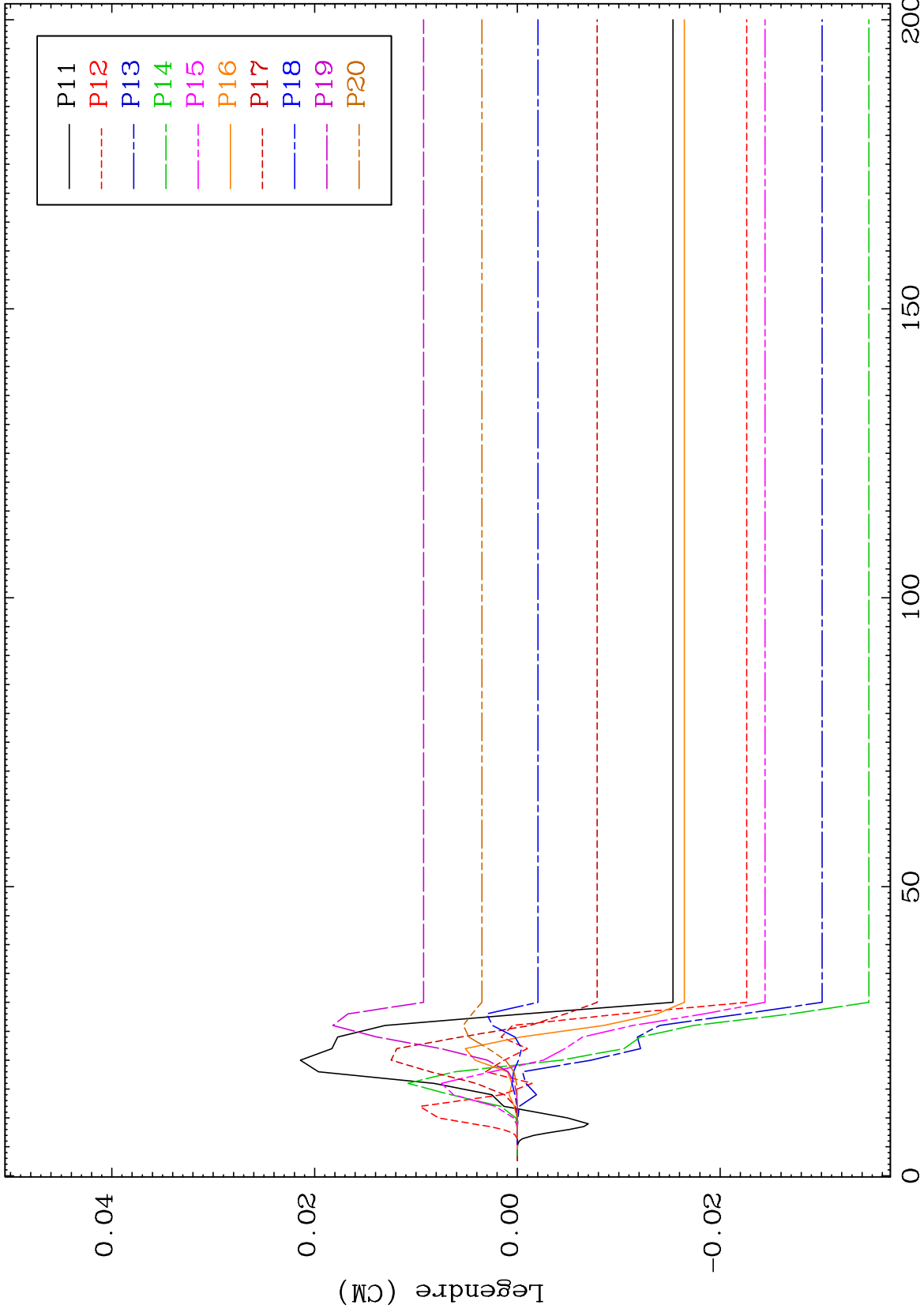
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



43

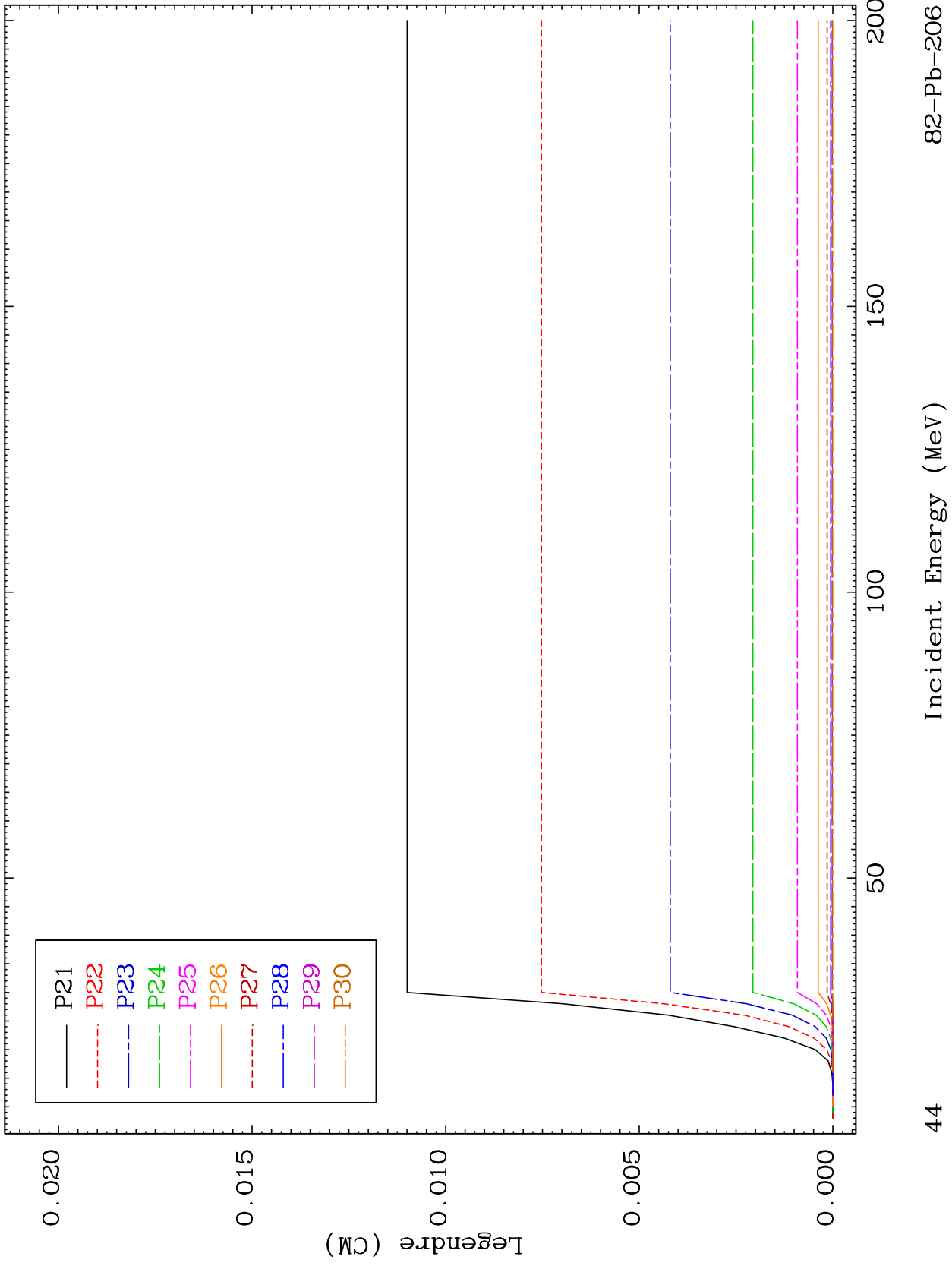
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



44

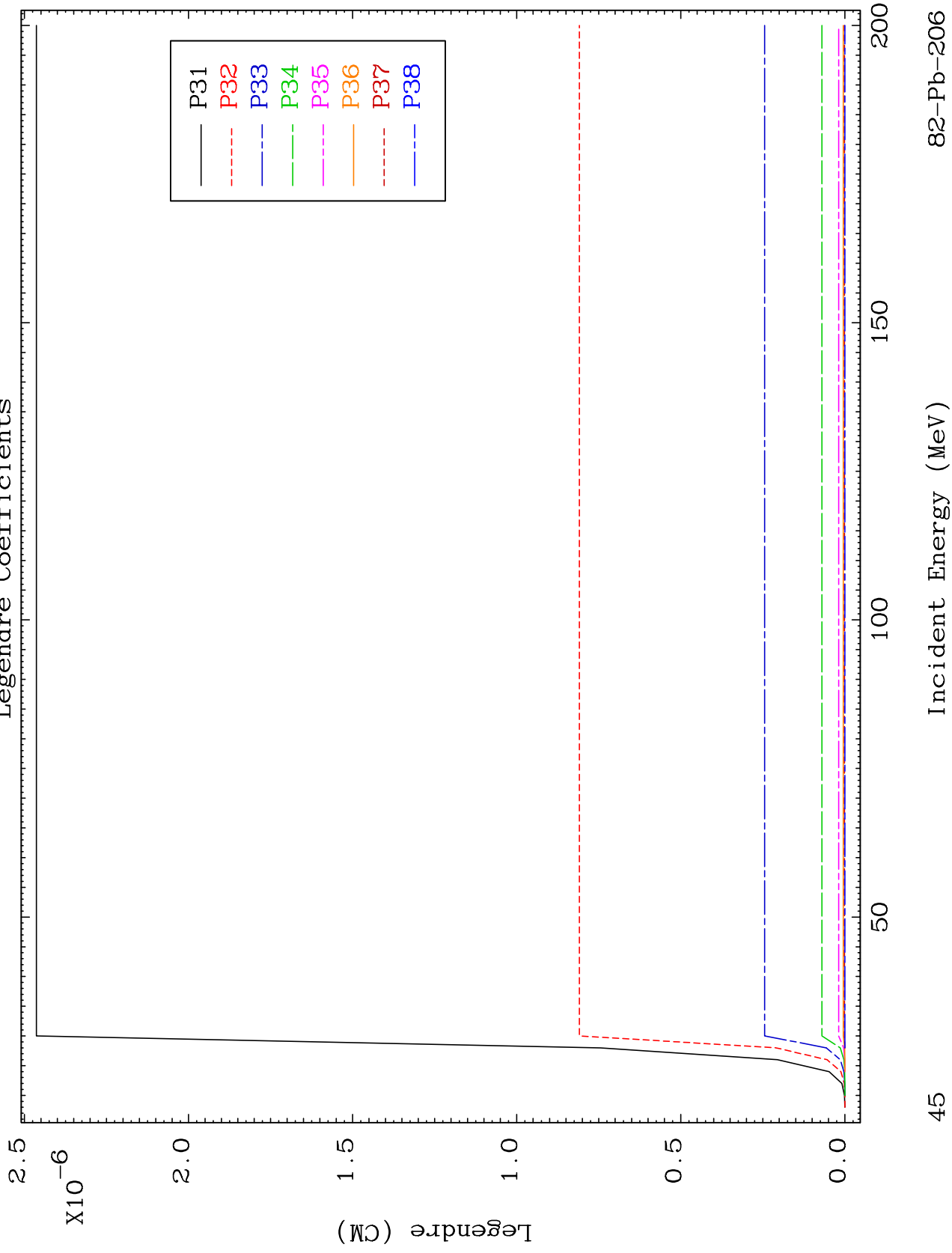
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

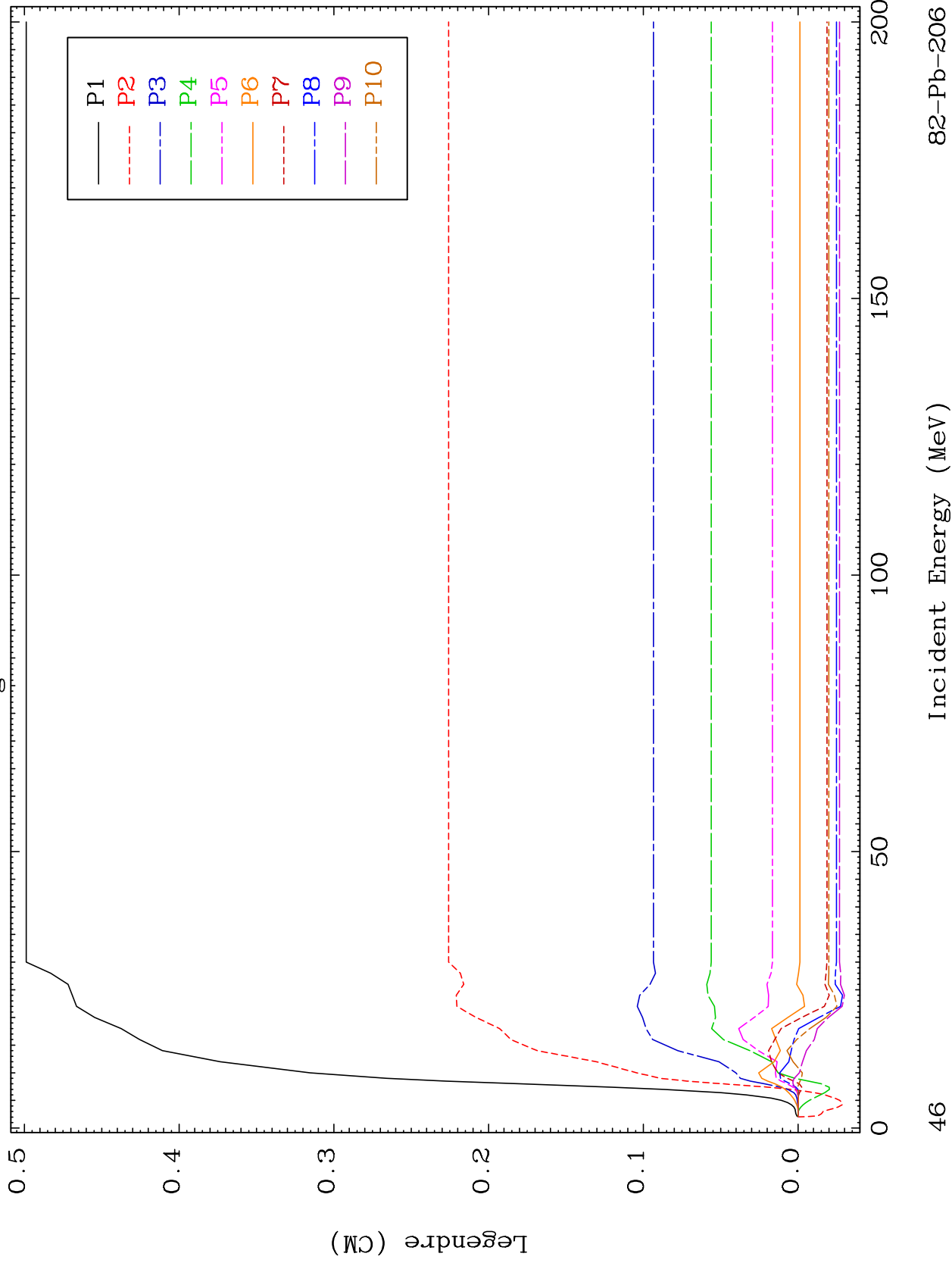
82-Pb-206



MAT 8231

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

82-Pb-206



82-Pb-206

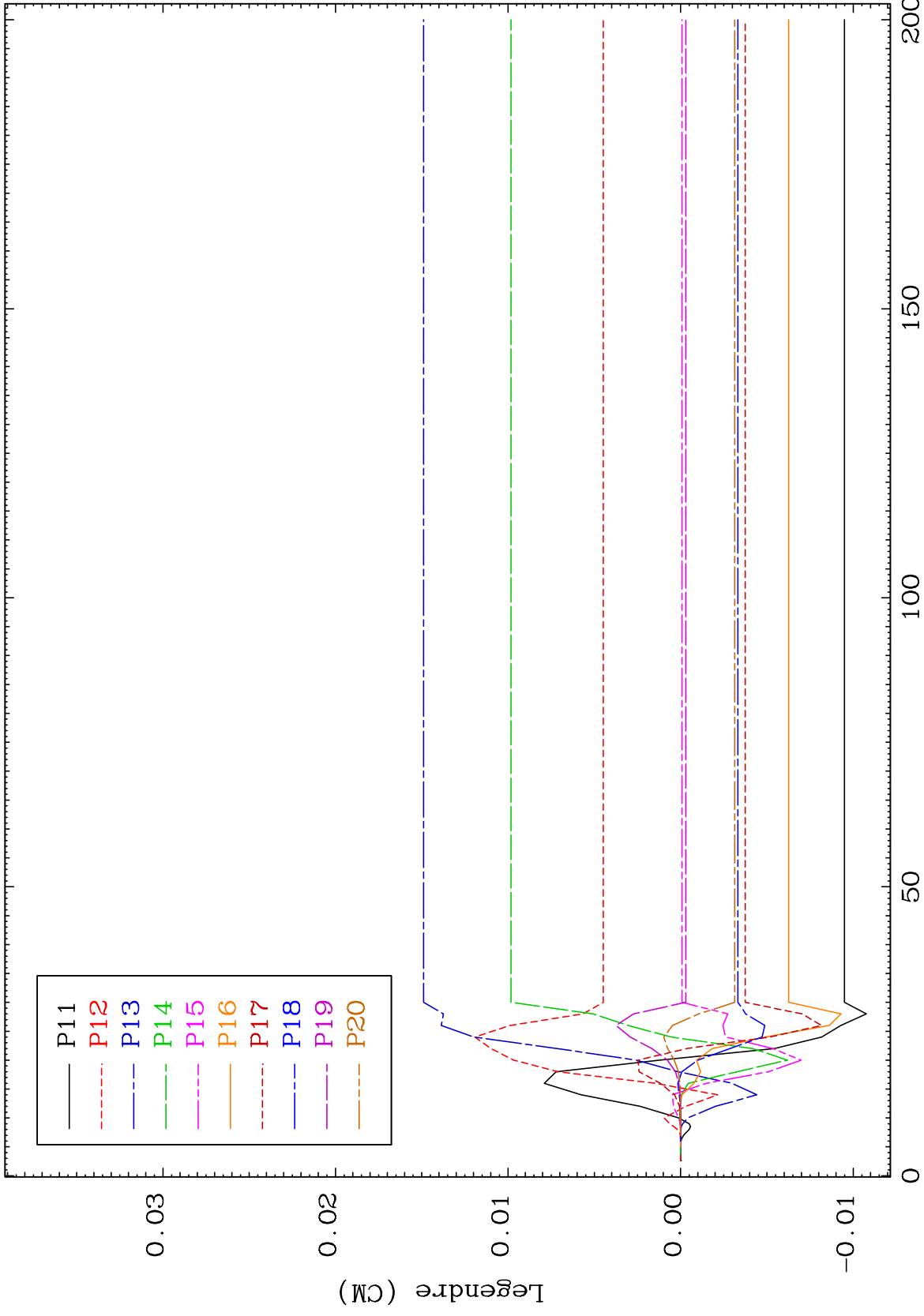
Incident Energy (MeV)

46

MAT 8231

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

82-Pb-206



47

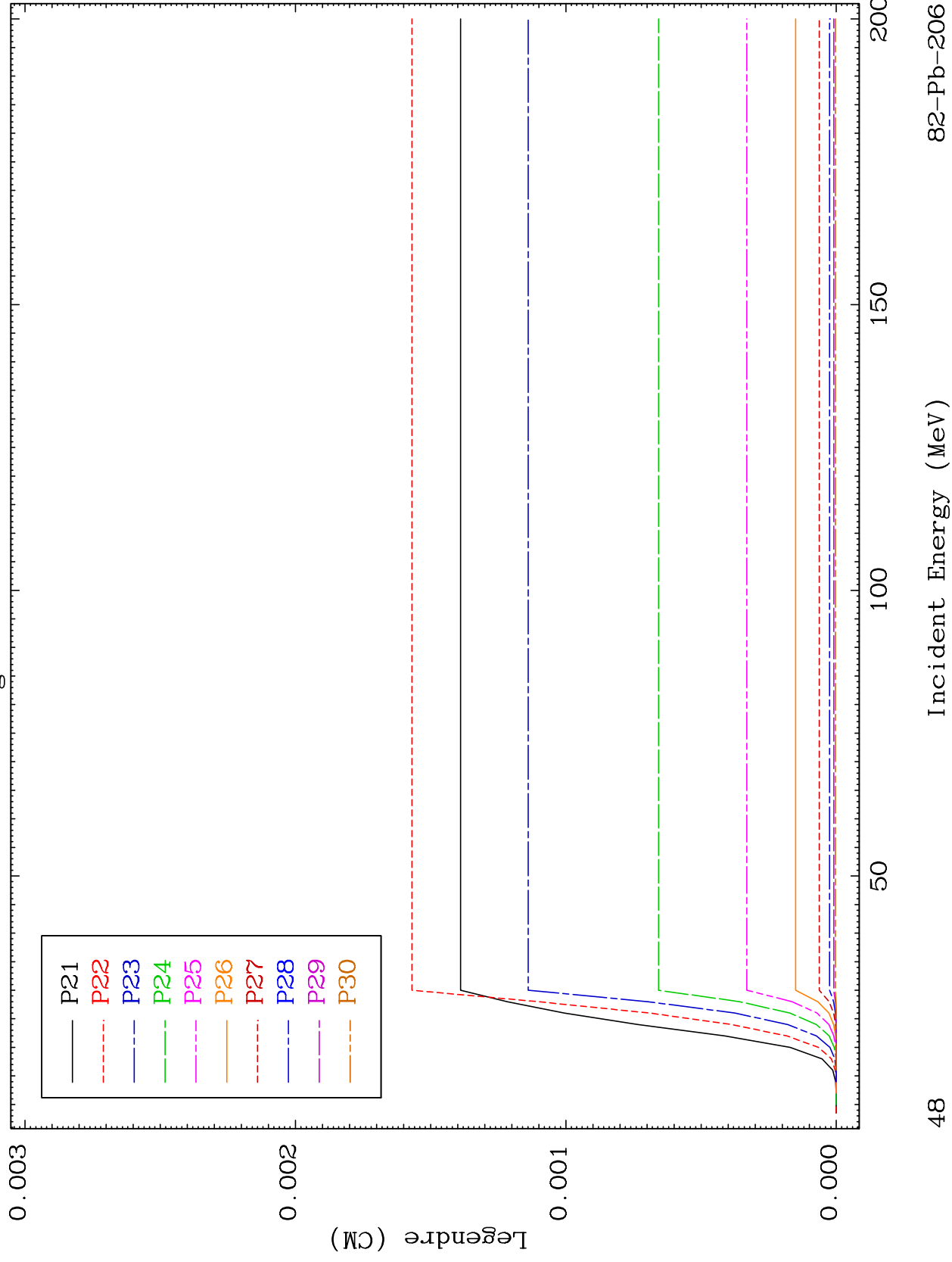
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

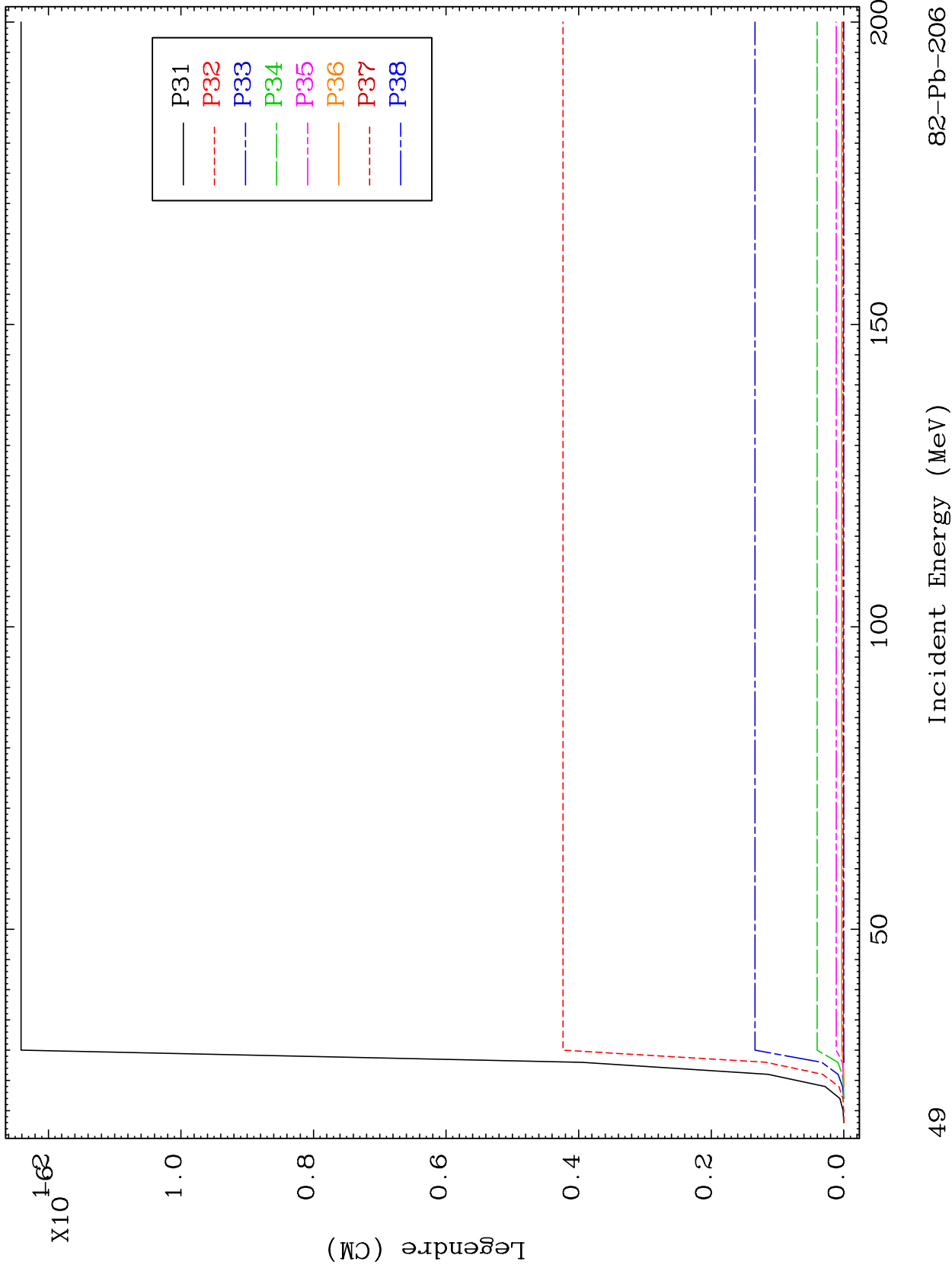
82-Pb-206



48

Incident Energy (MeV)

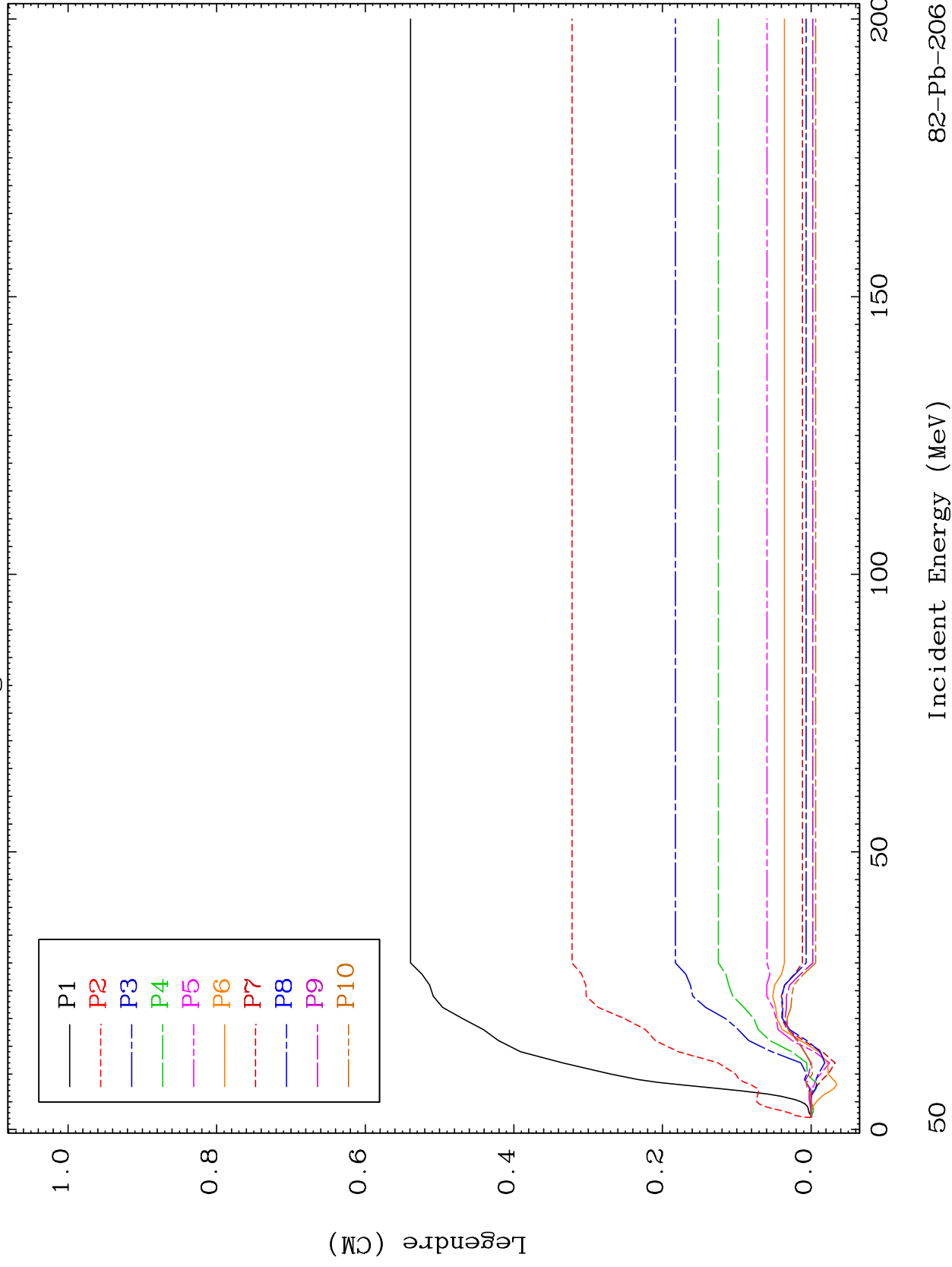
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MAT 8231

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

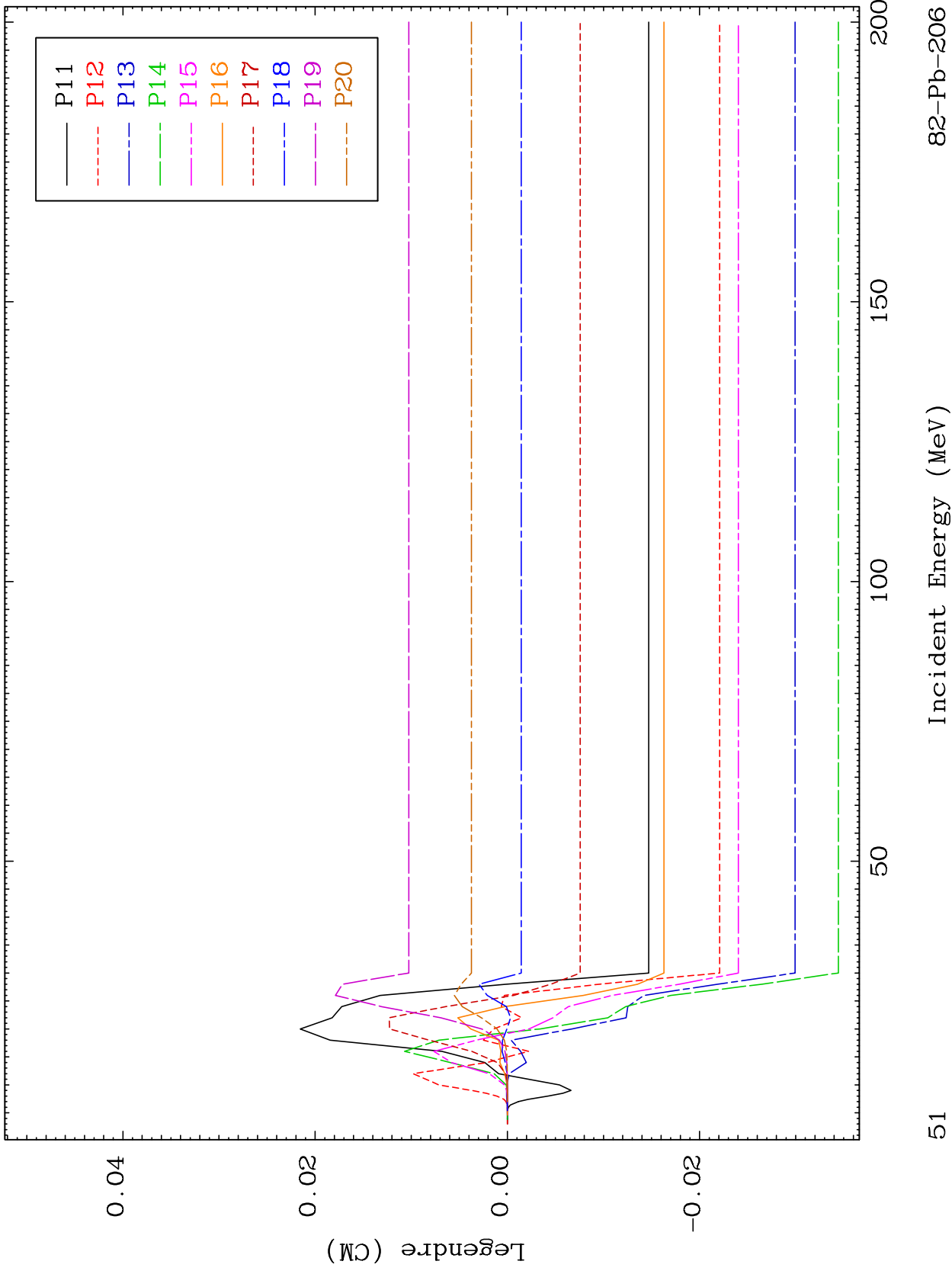
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MAT 8231

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

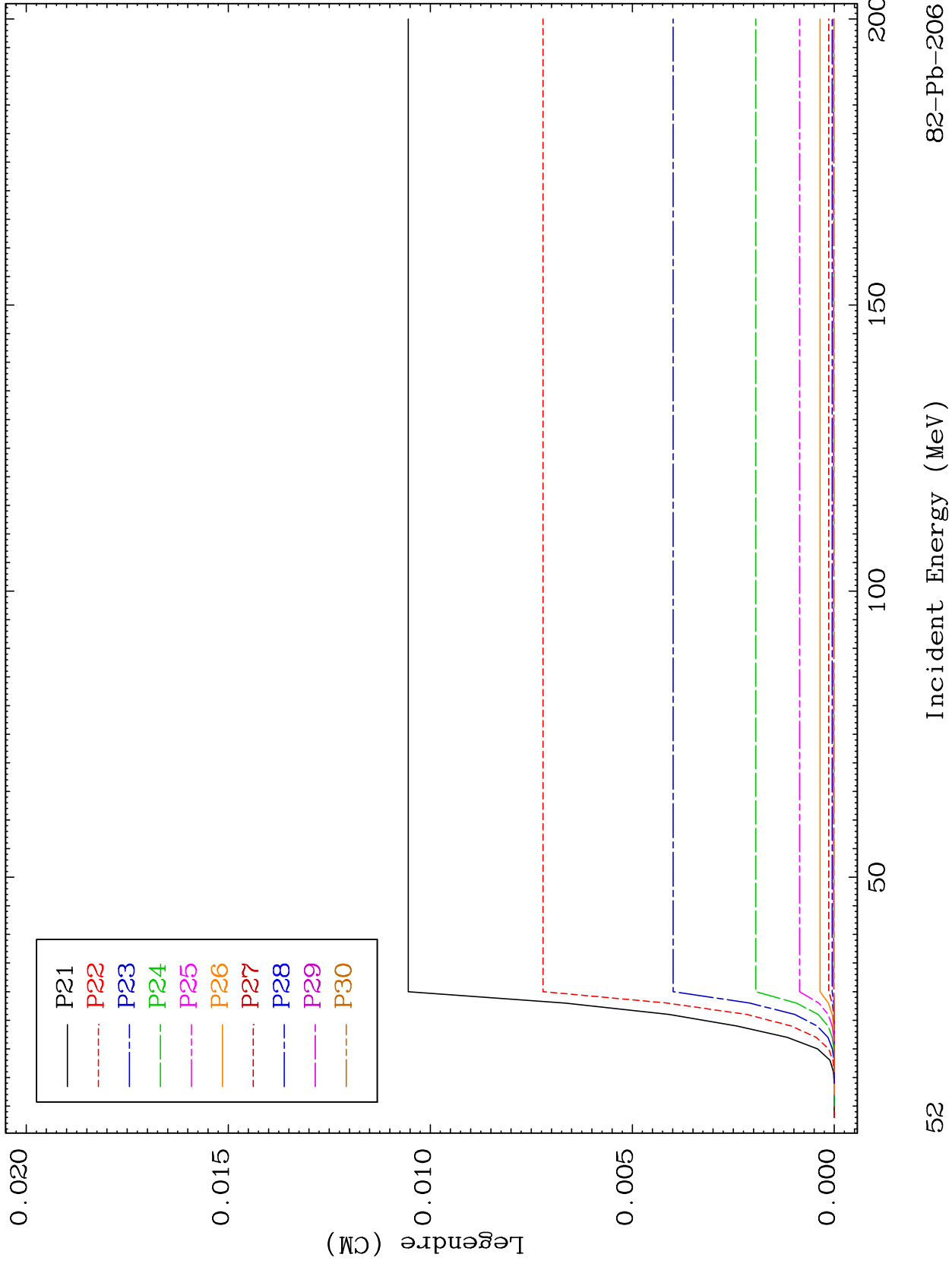
82-Pb-206



MAT 8231

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

82-Pb-206



52

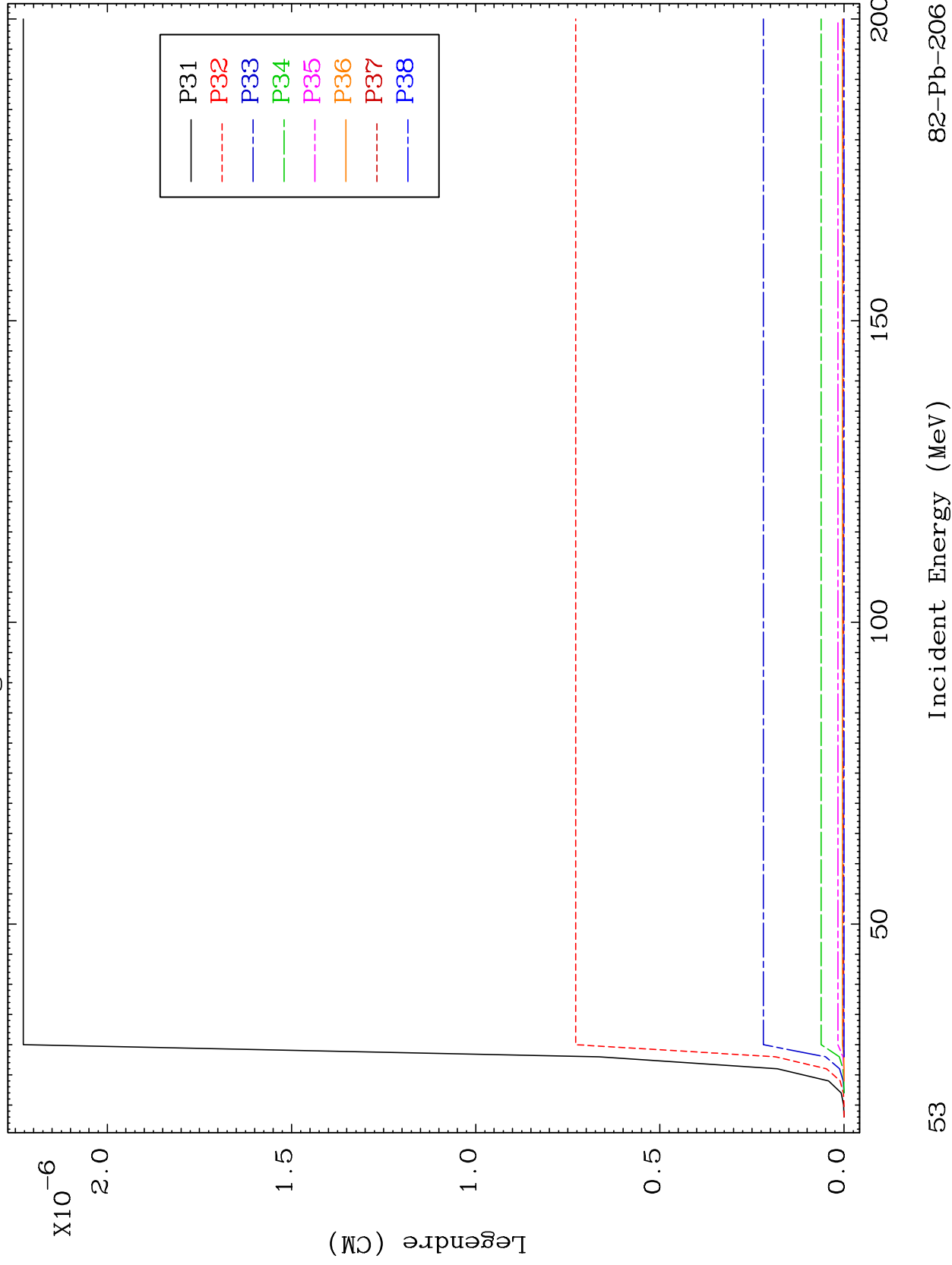
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



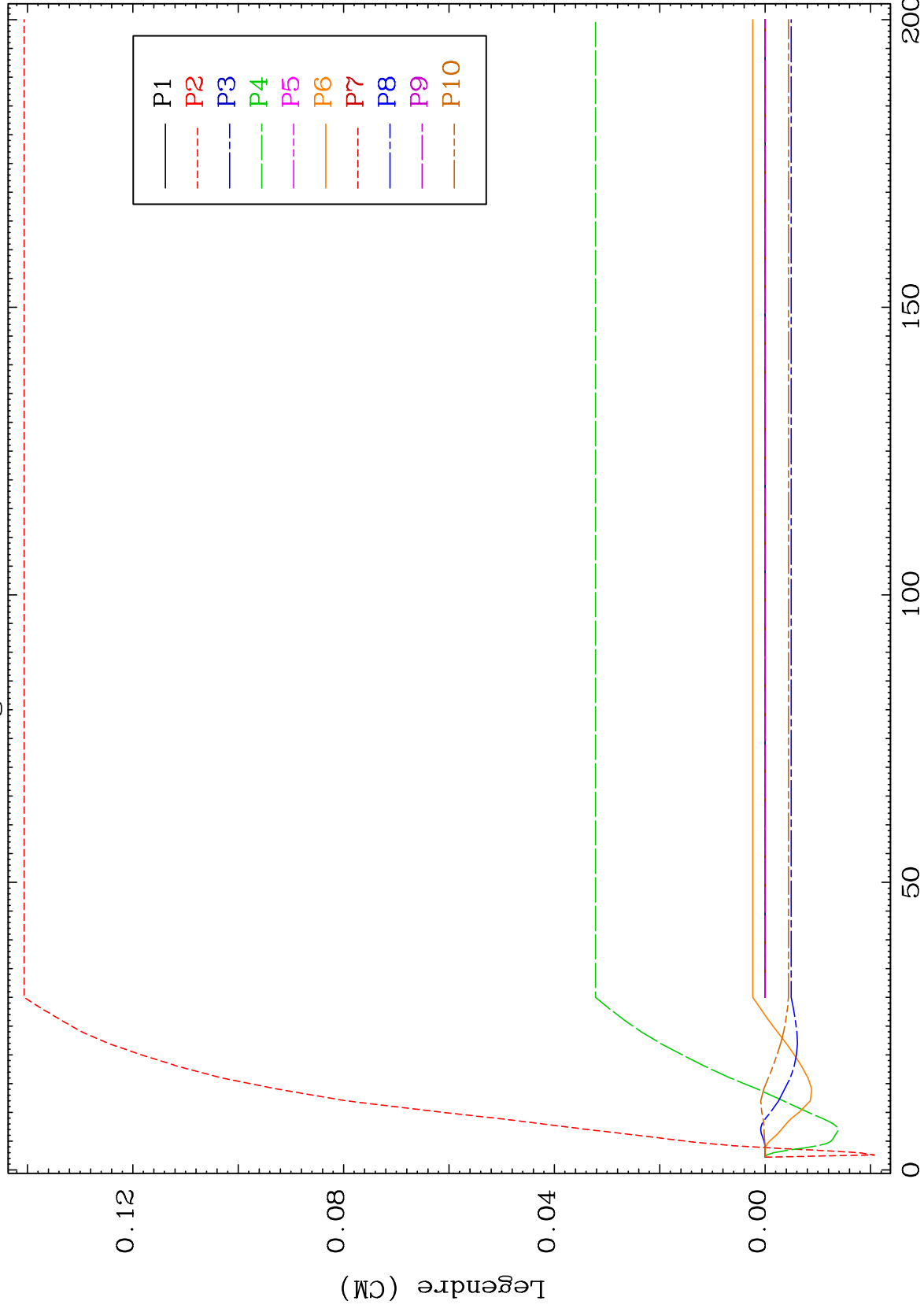
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82-Pb-206

MAT 8231

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

82-Pb-206



54

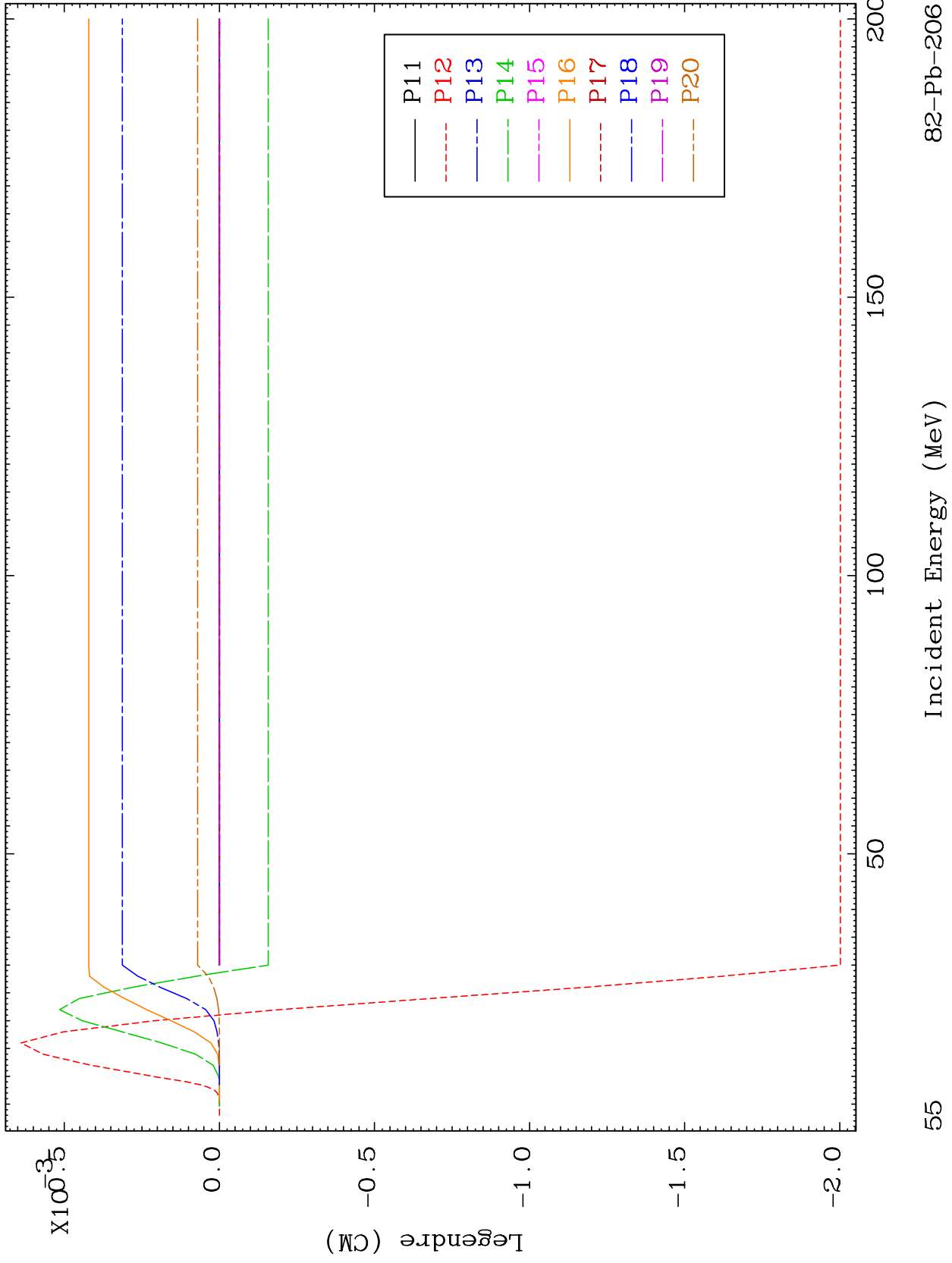
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



55

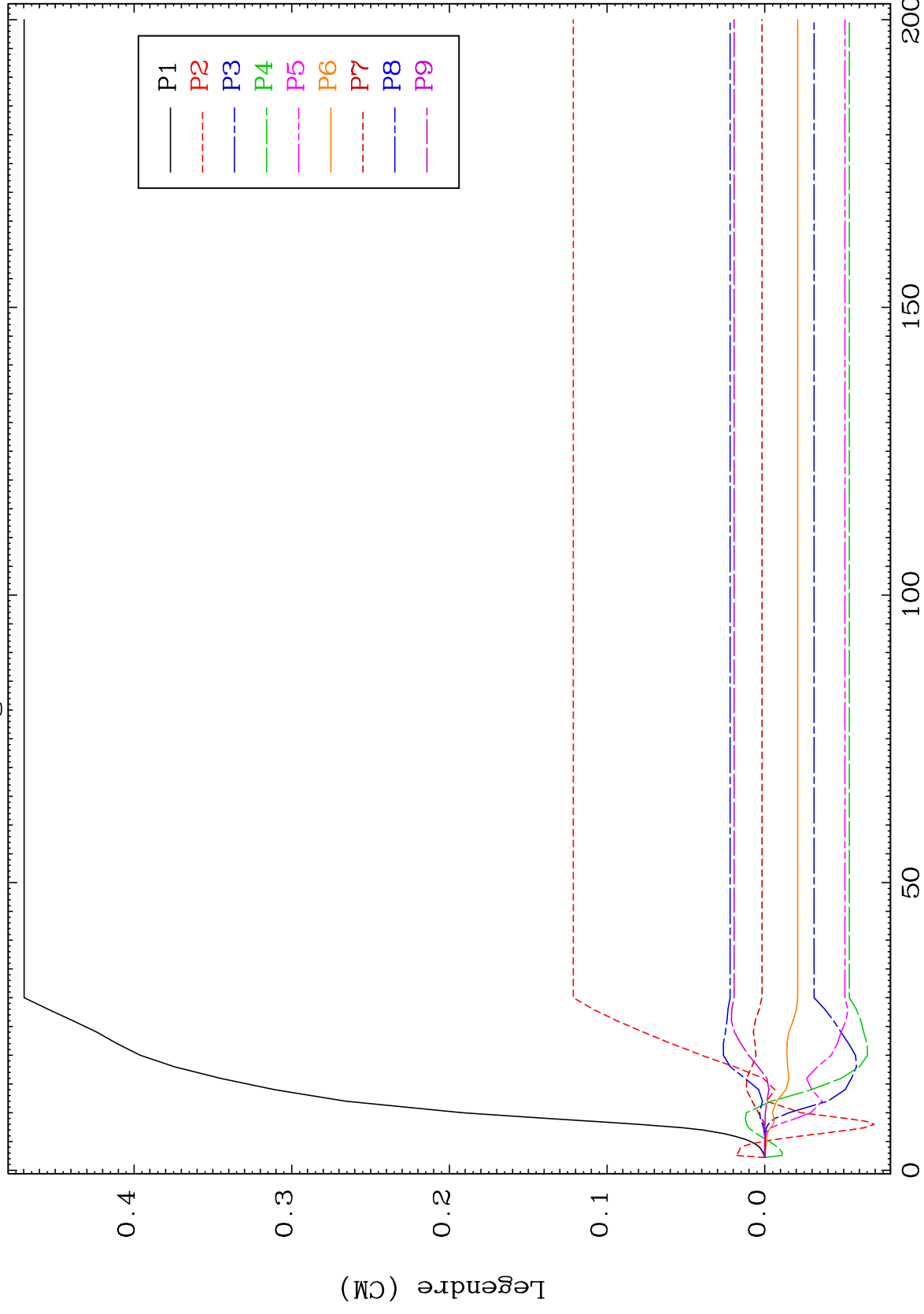
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



57

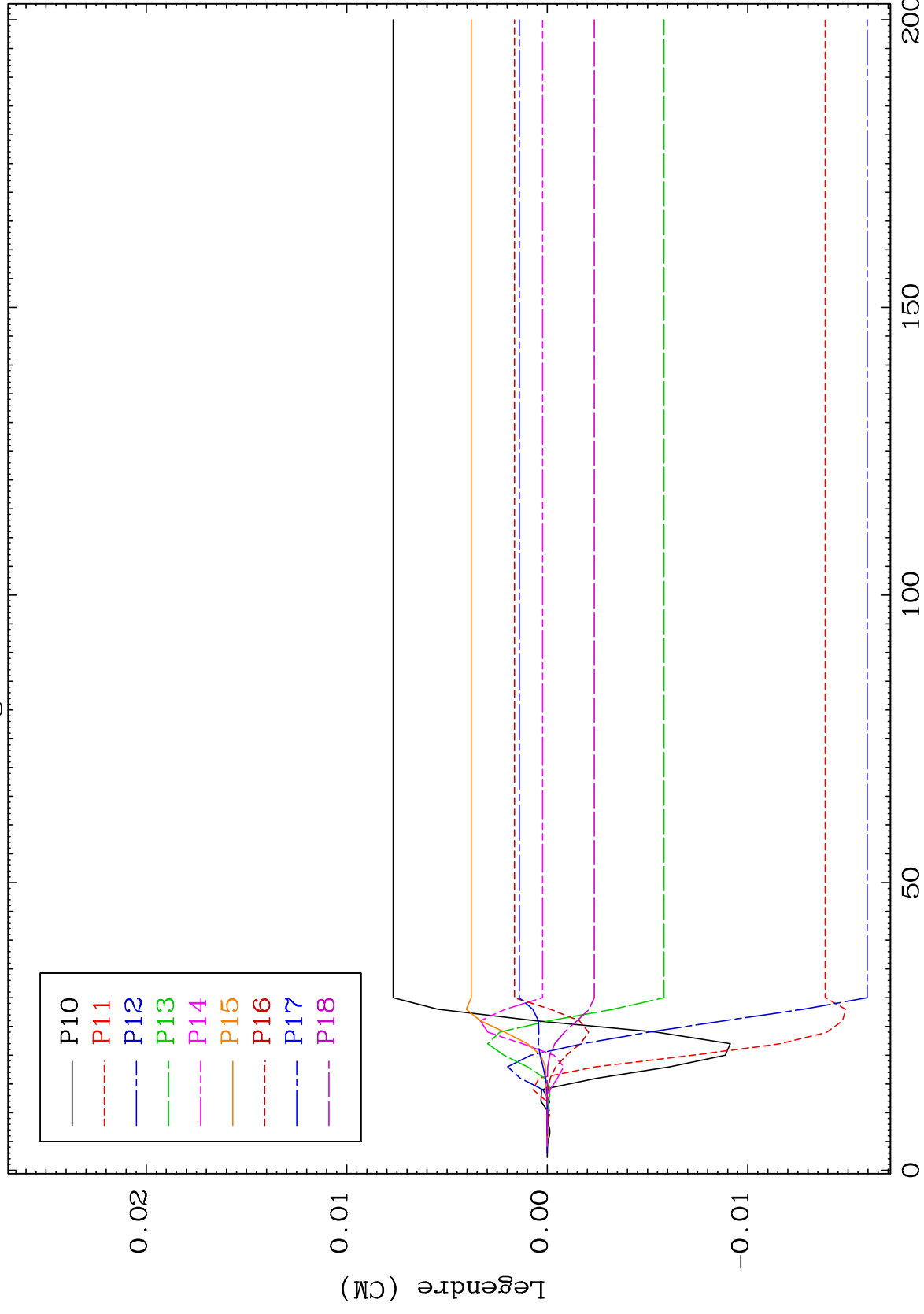
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



58

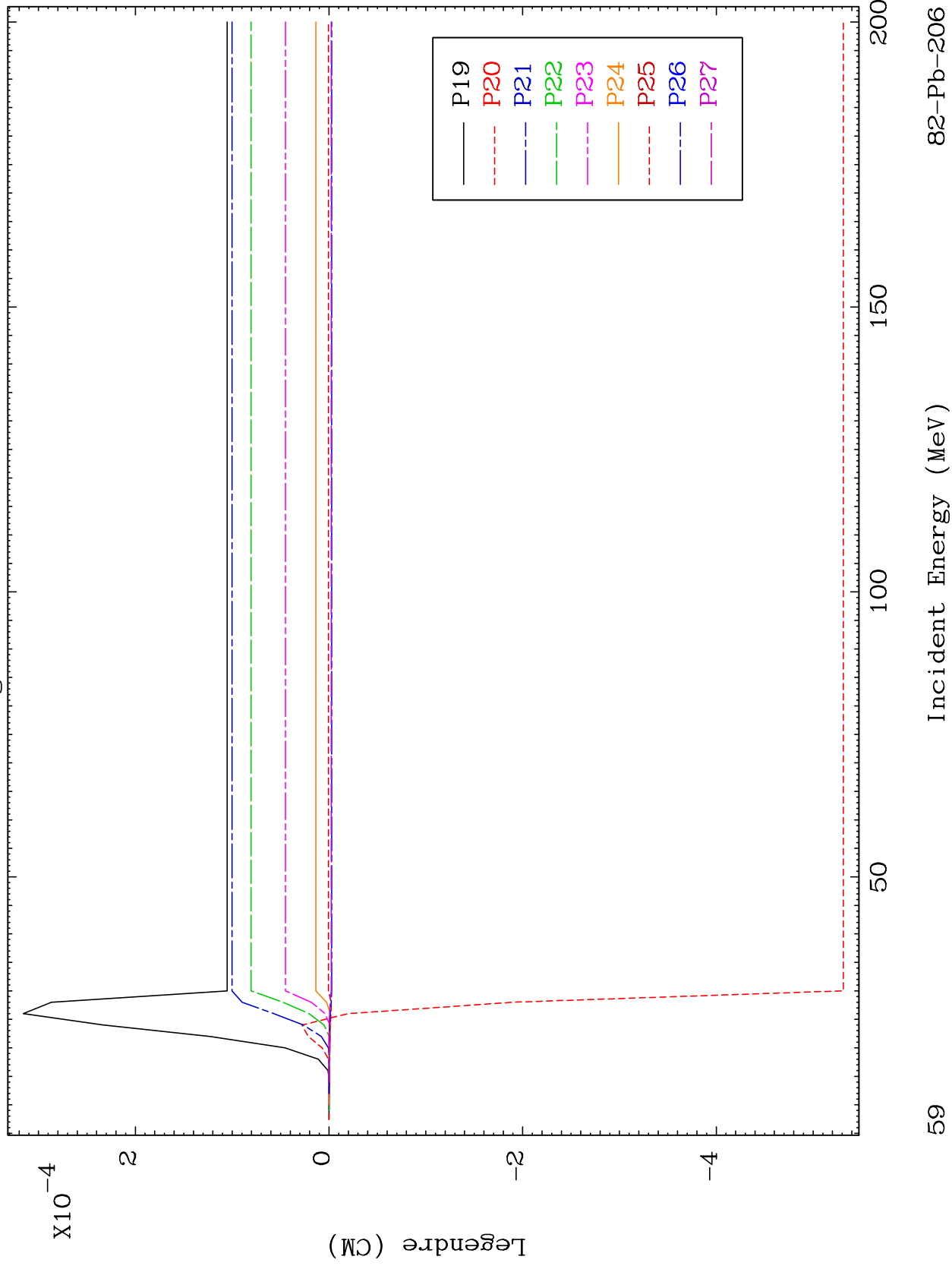
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

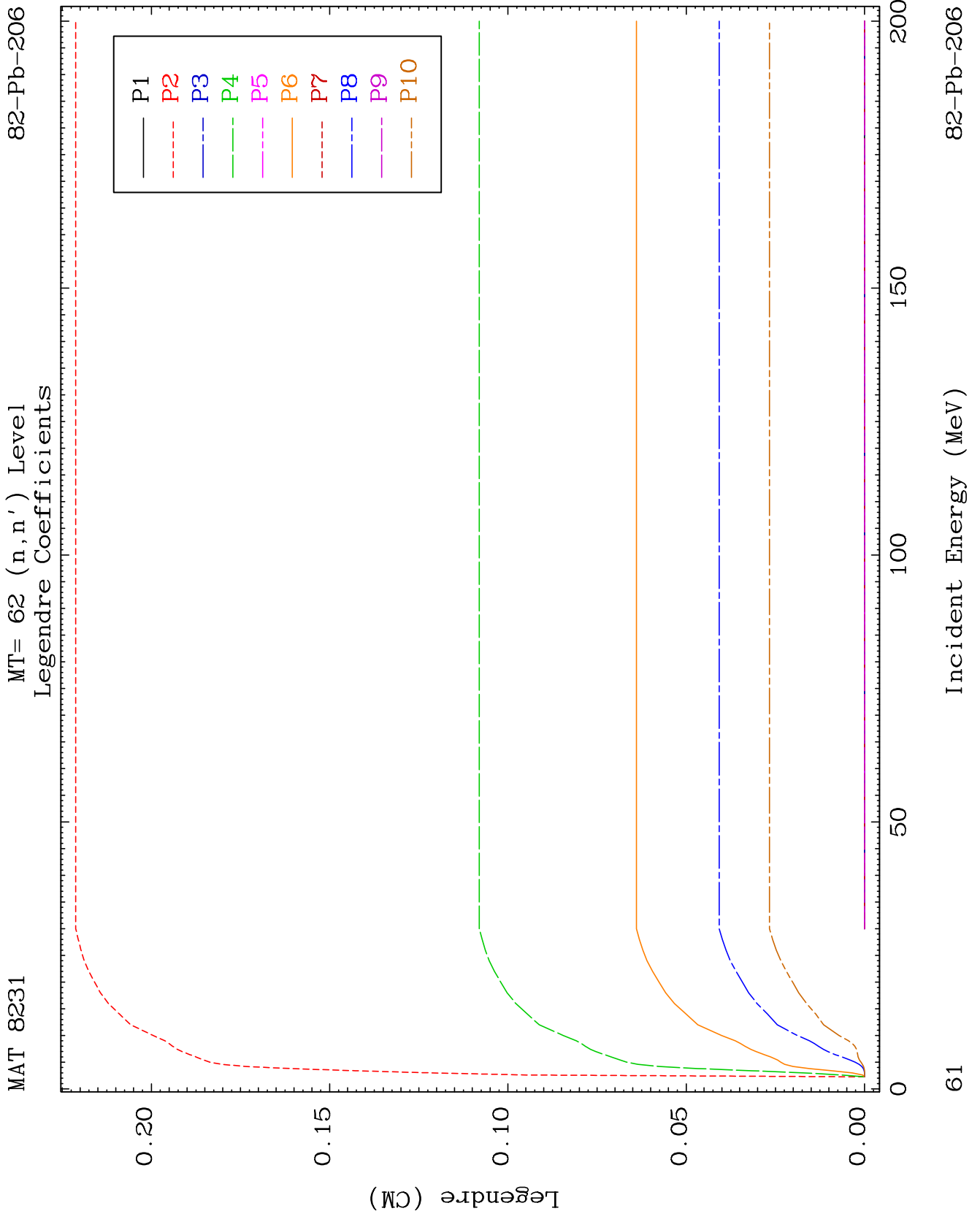
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59

Incident Energy (MeV)

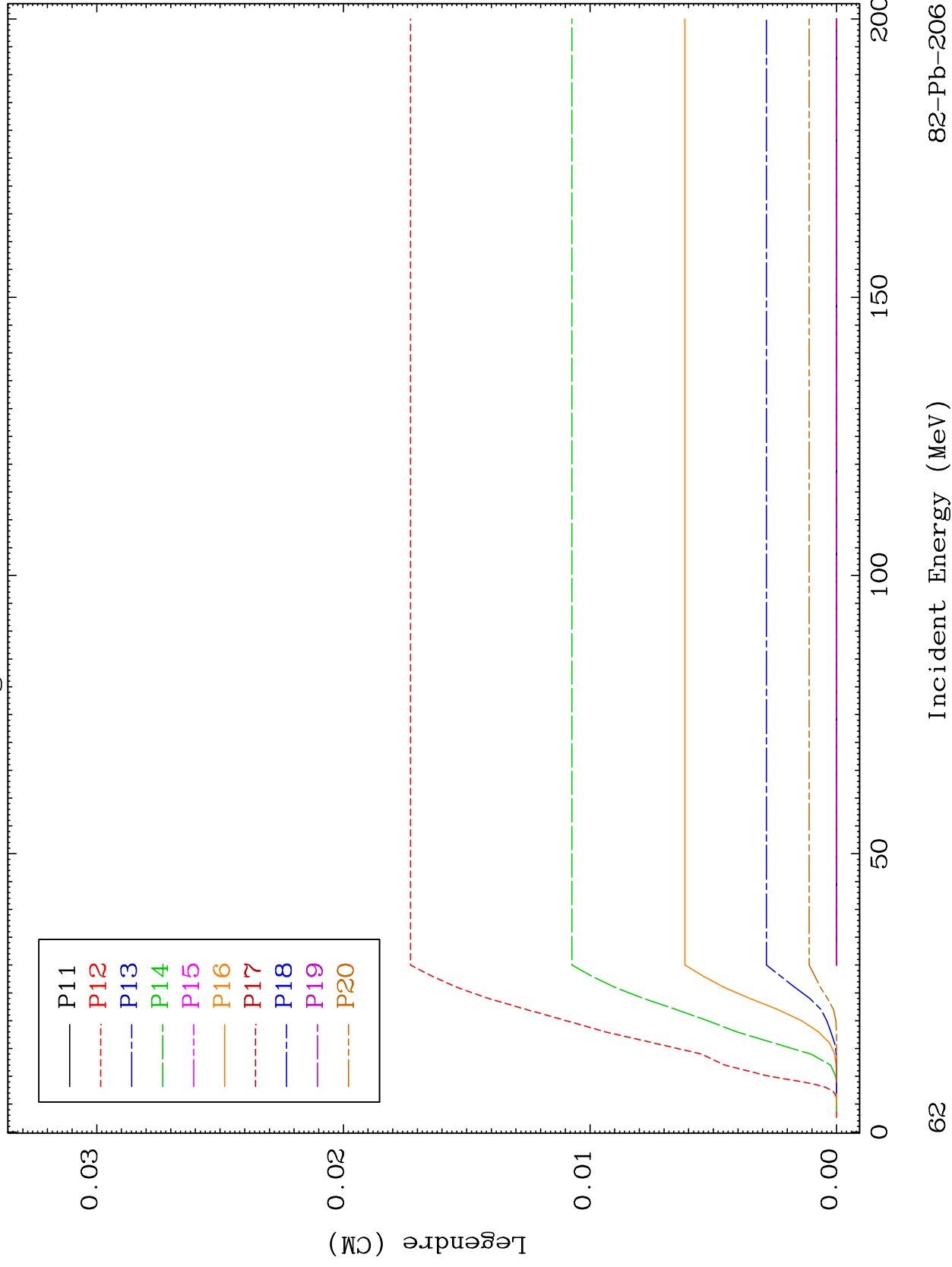
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MAT 8231

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

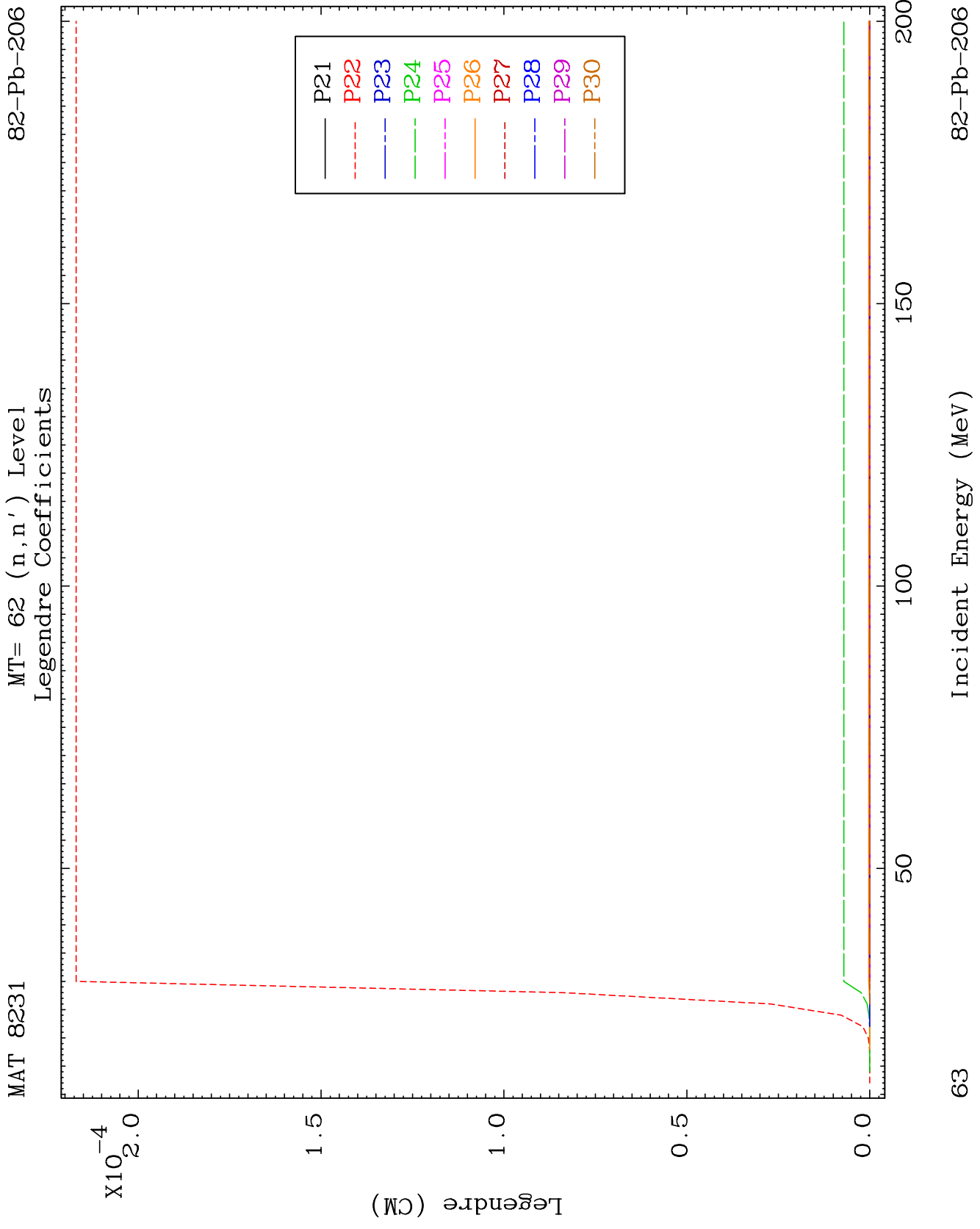
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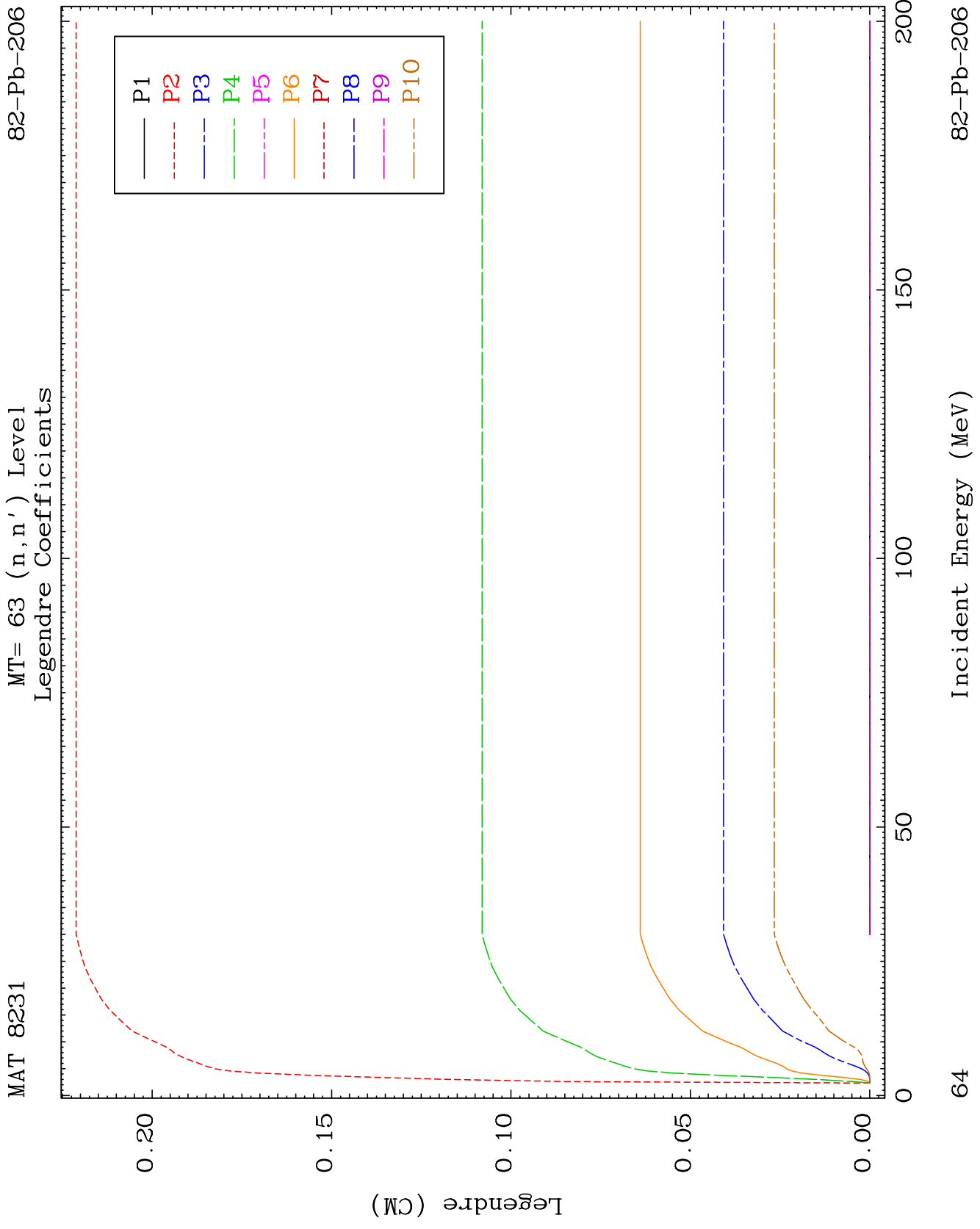


62

Incident Energy (MeV)

82-Pb-206

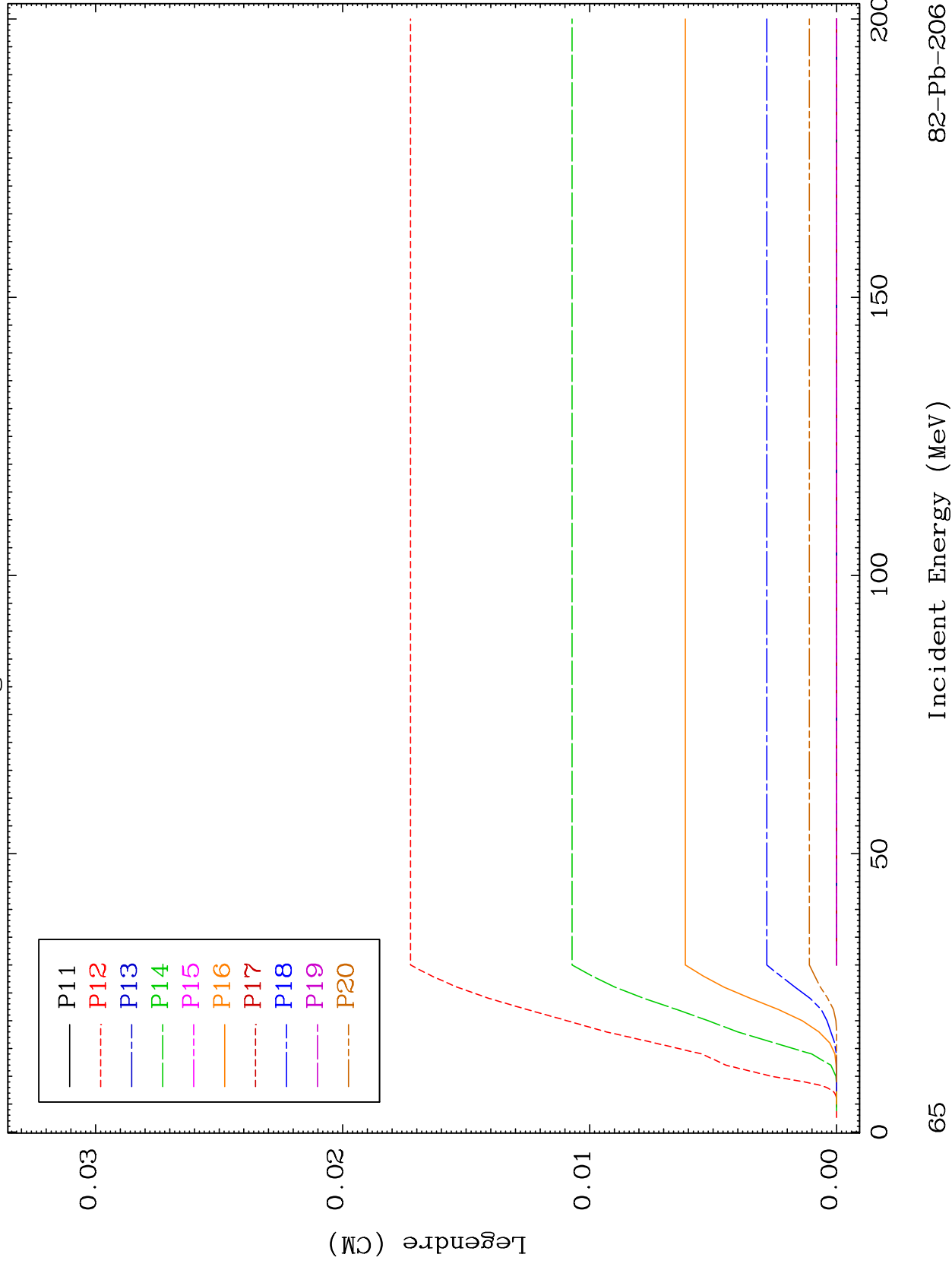




MAT 8231

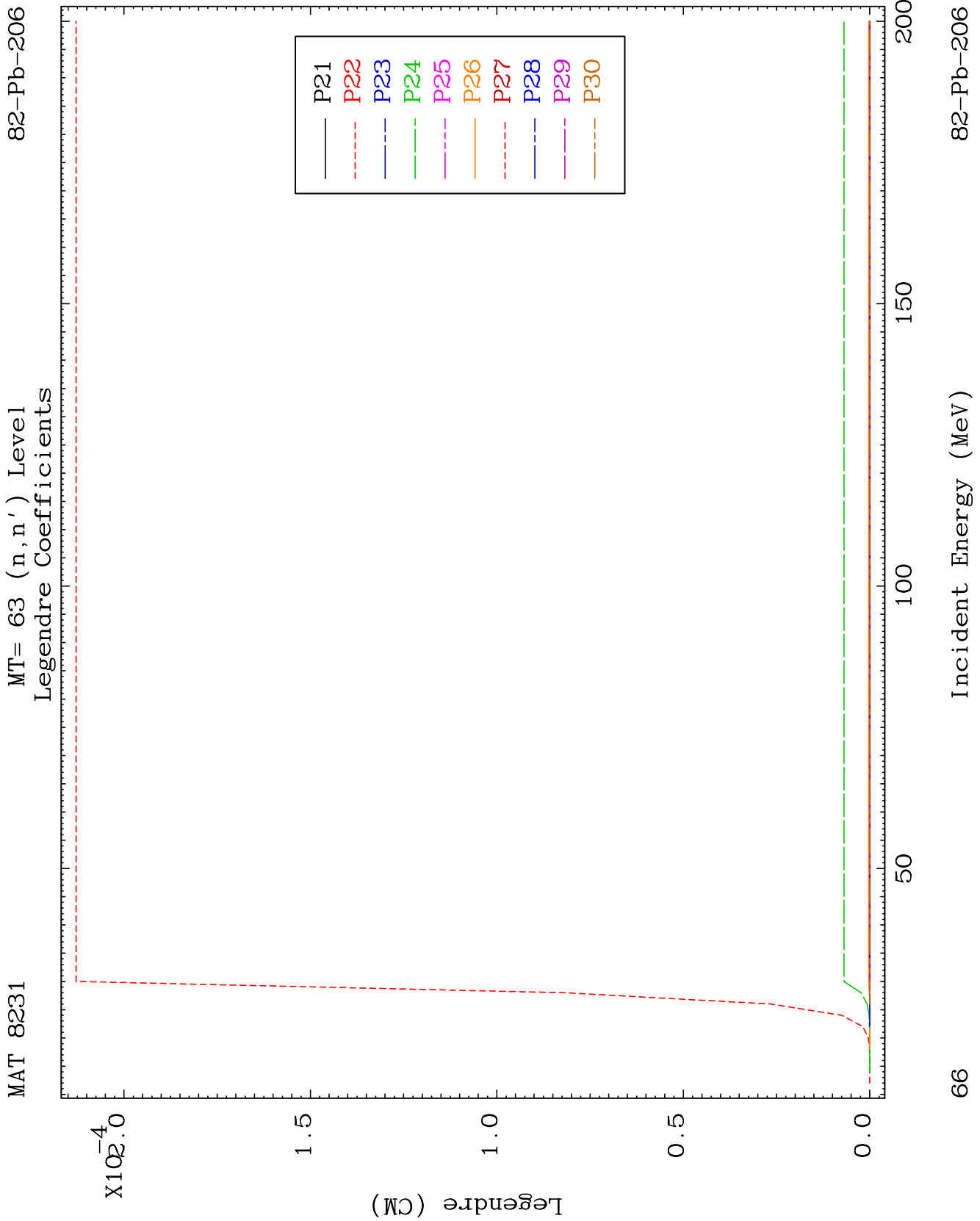
MT= 63 (n,n') Level
Legendre Coefficients

82-Pb-206



65

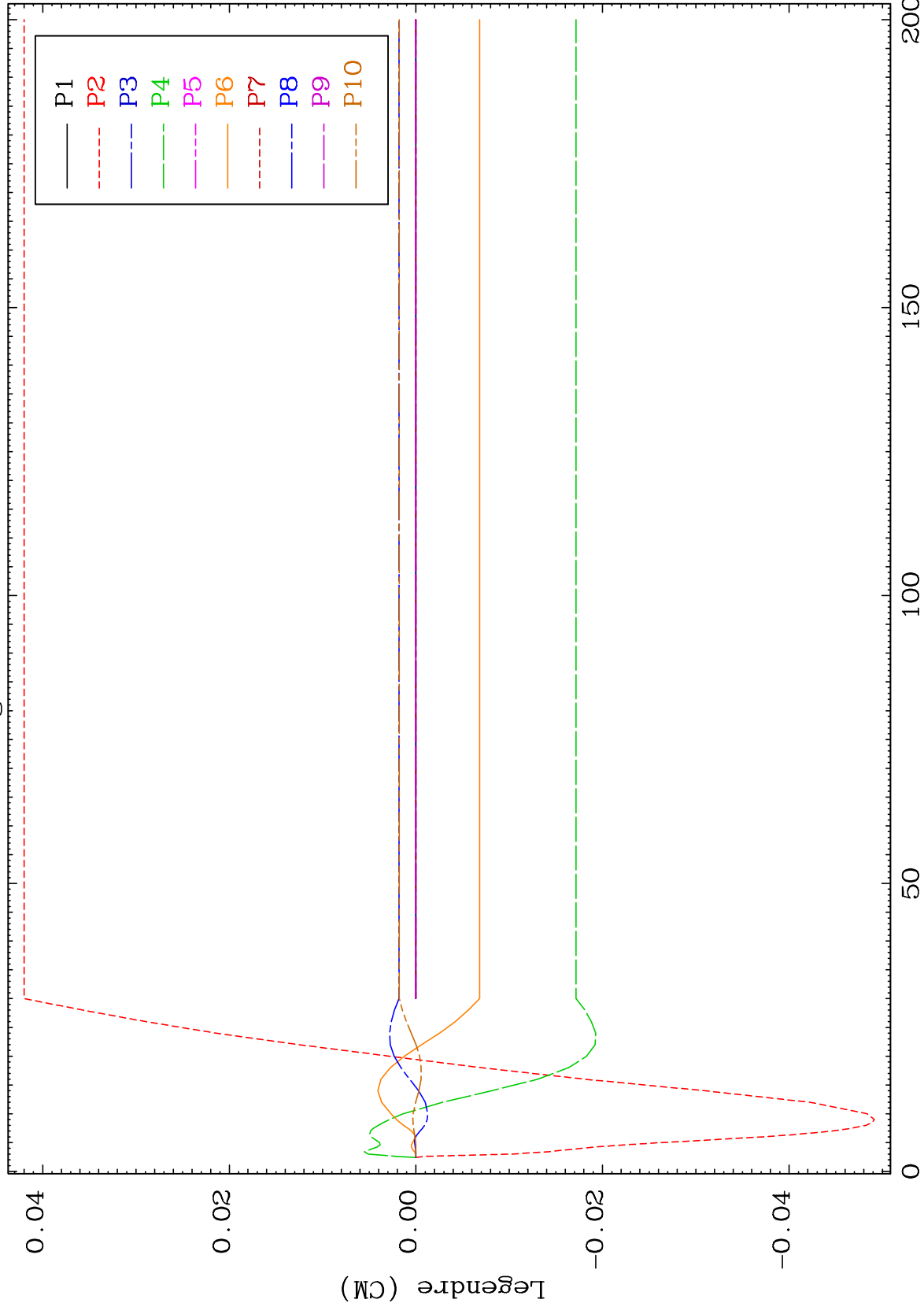
82-Pb-206



MAT 8231

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

82-Pb-206



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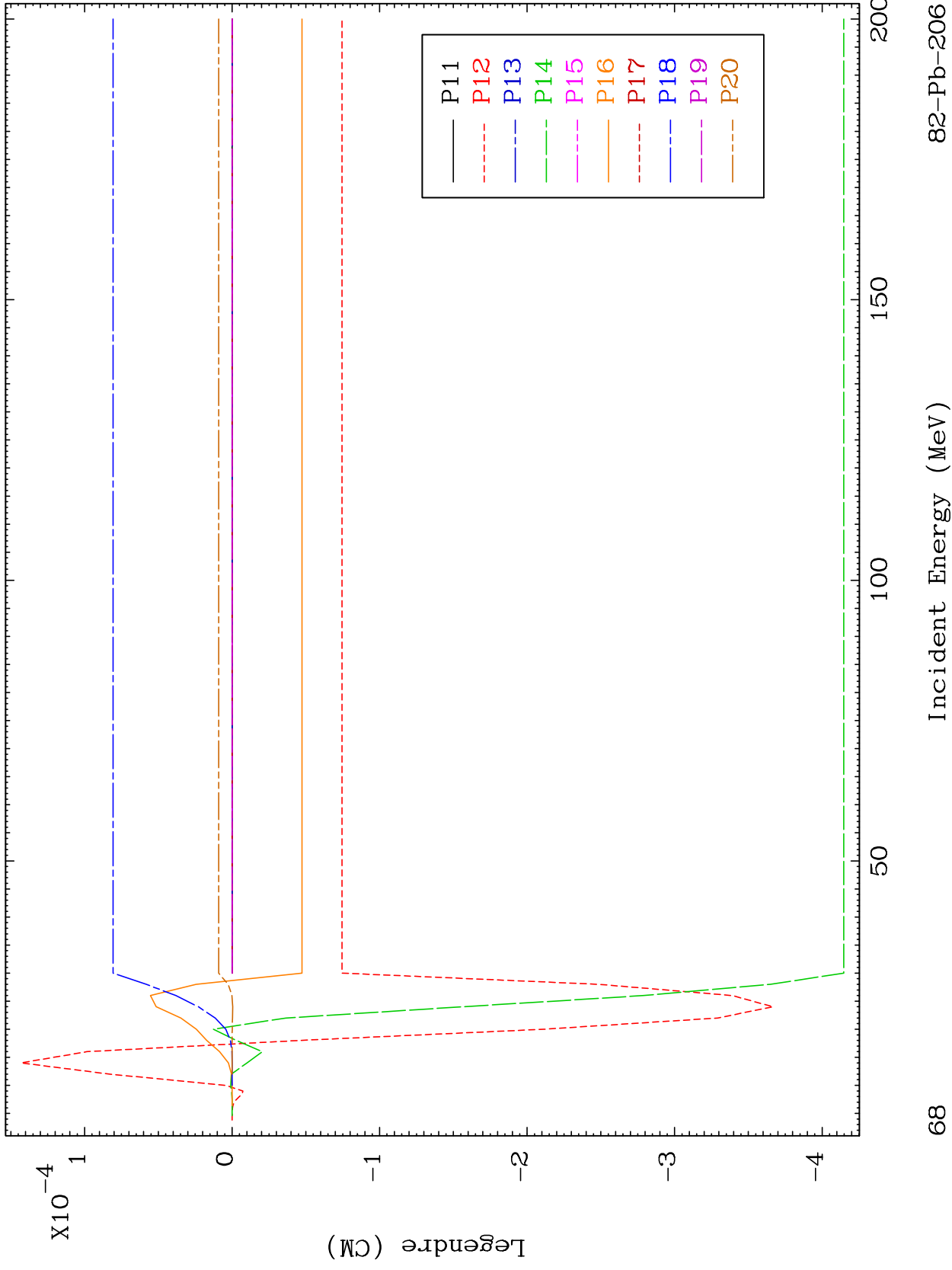
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

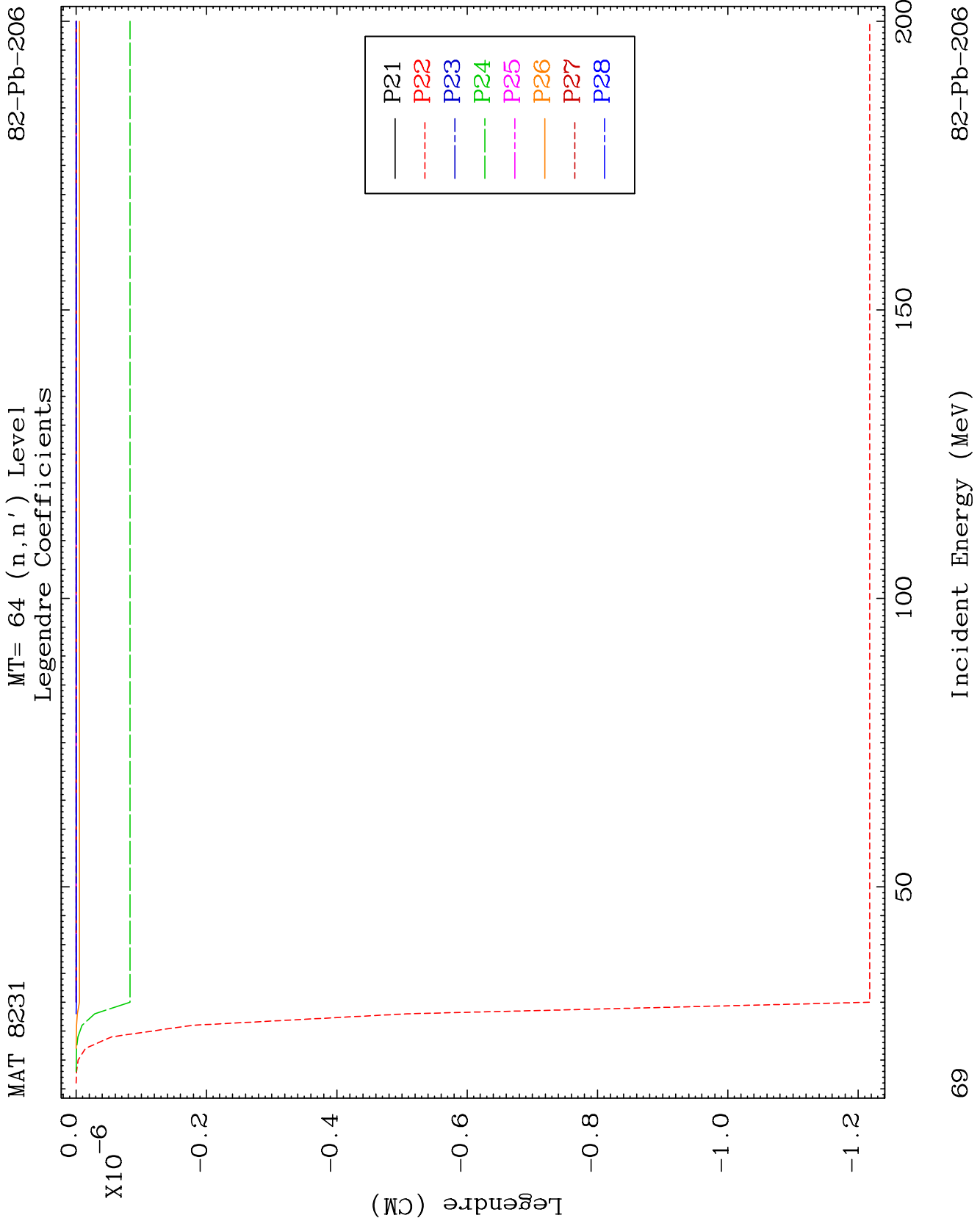
82-Pb-206



68

Incident Energy (MeV)

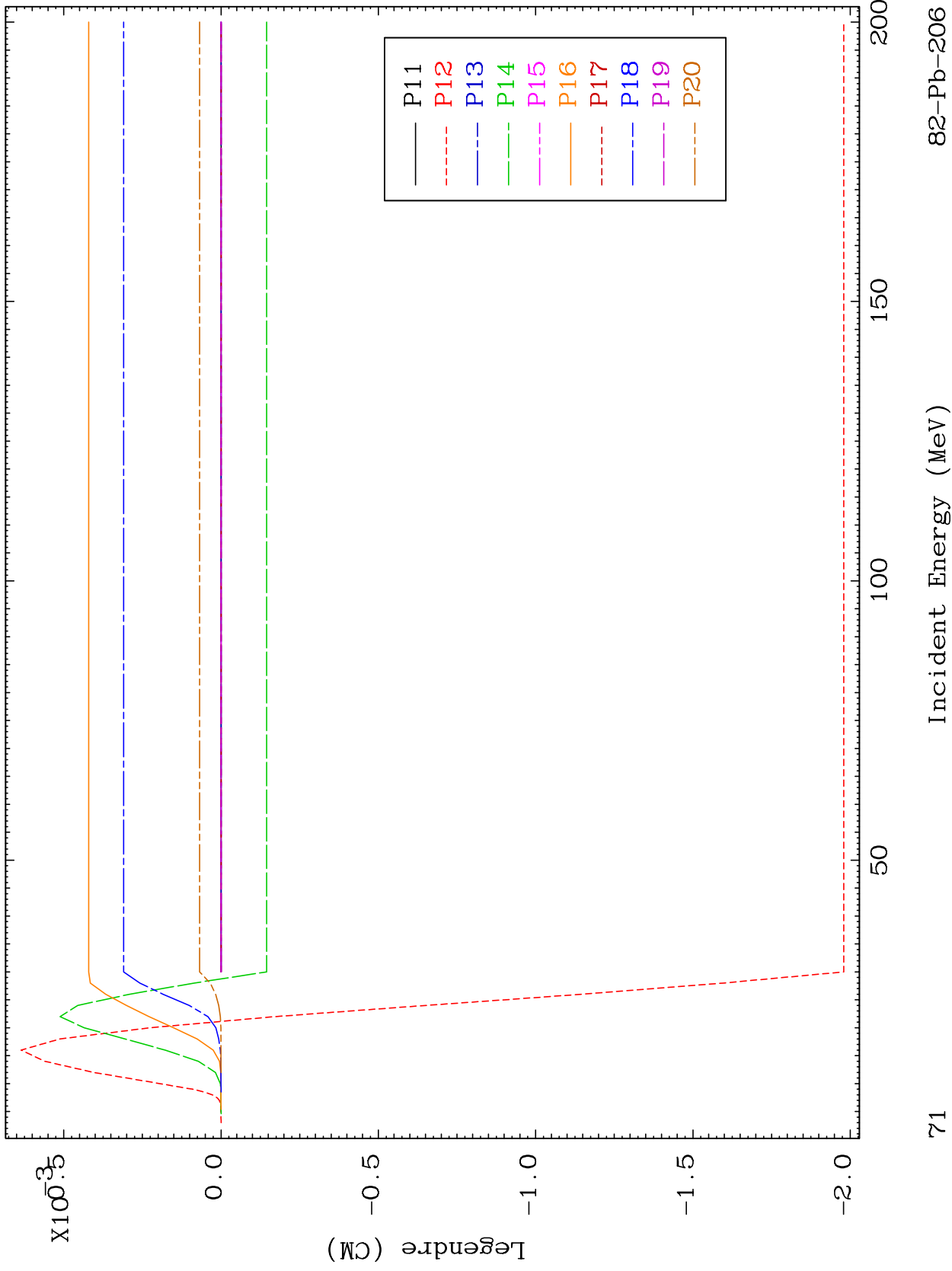
82-Pb-206



MAT 8231

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

82-Pb-206



71

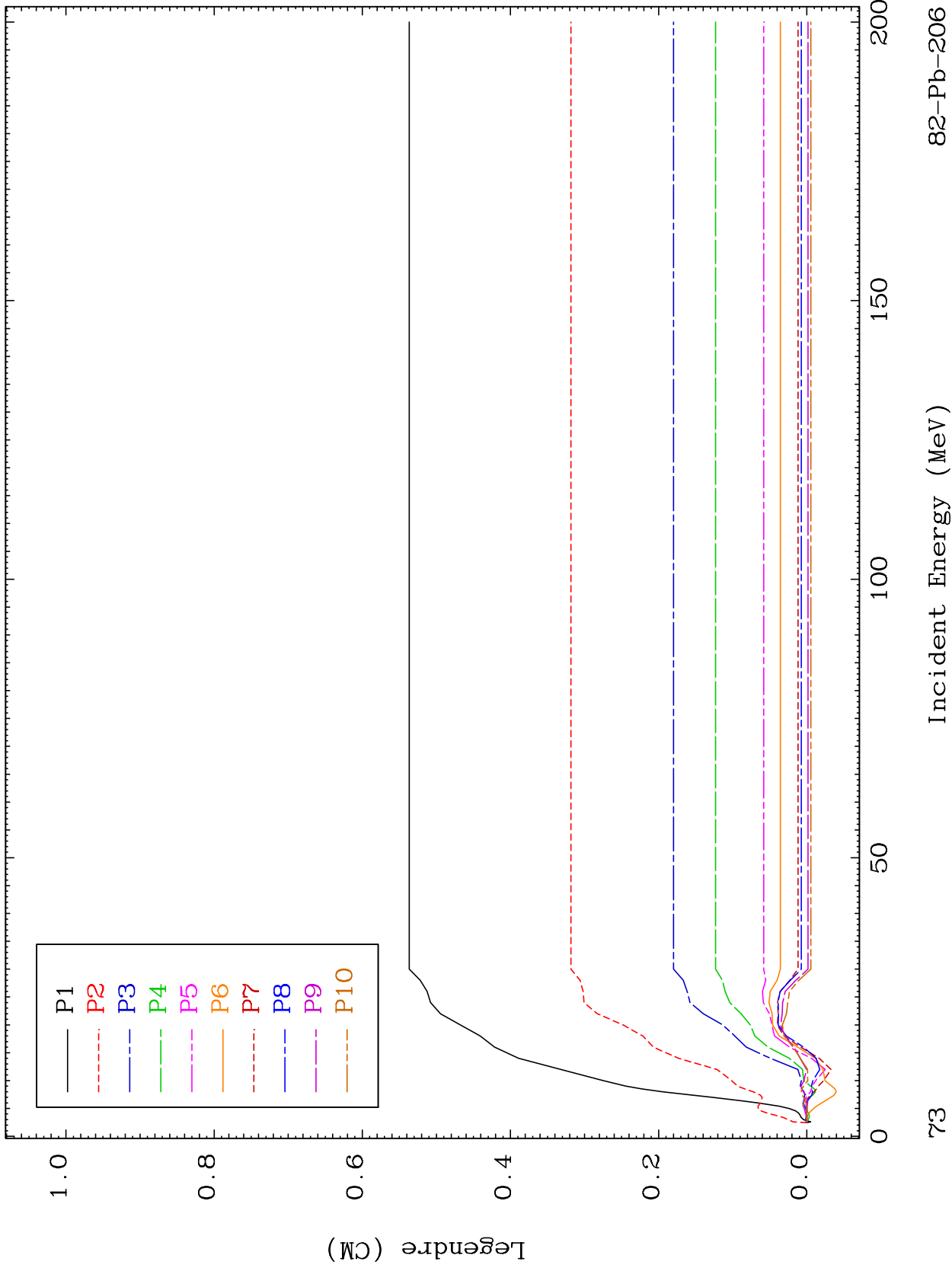
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

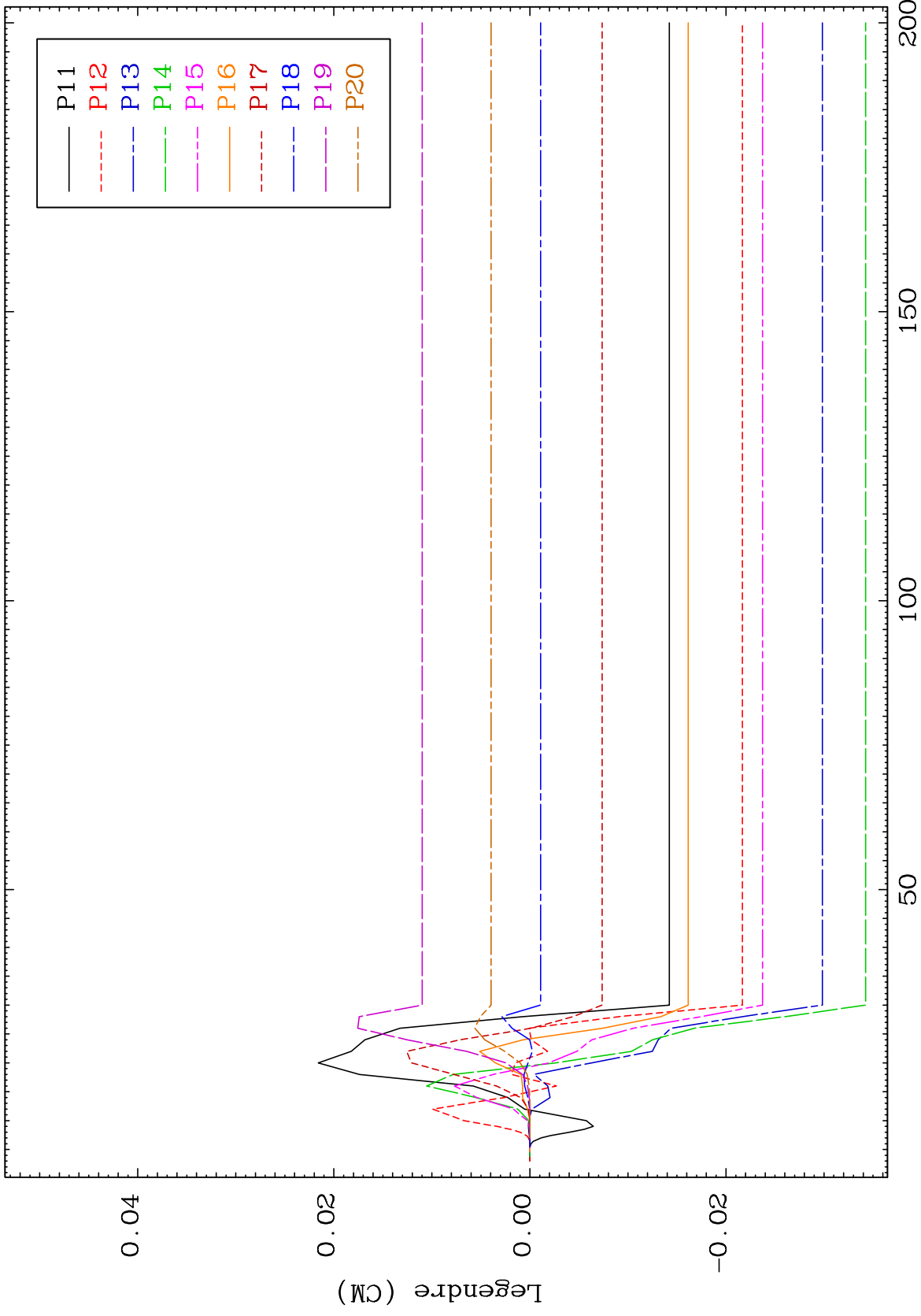


73

MAT 8231

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

82-Pb-206



74

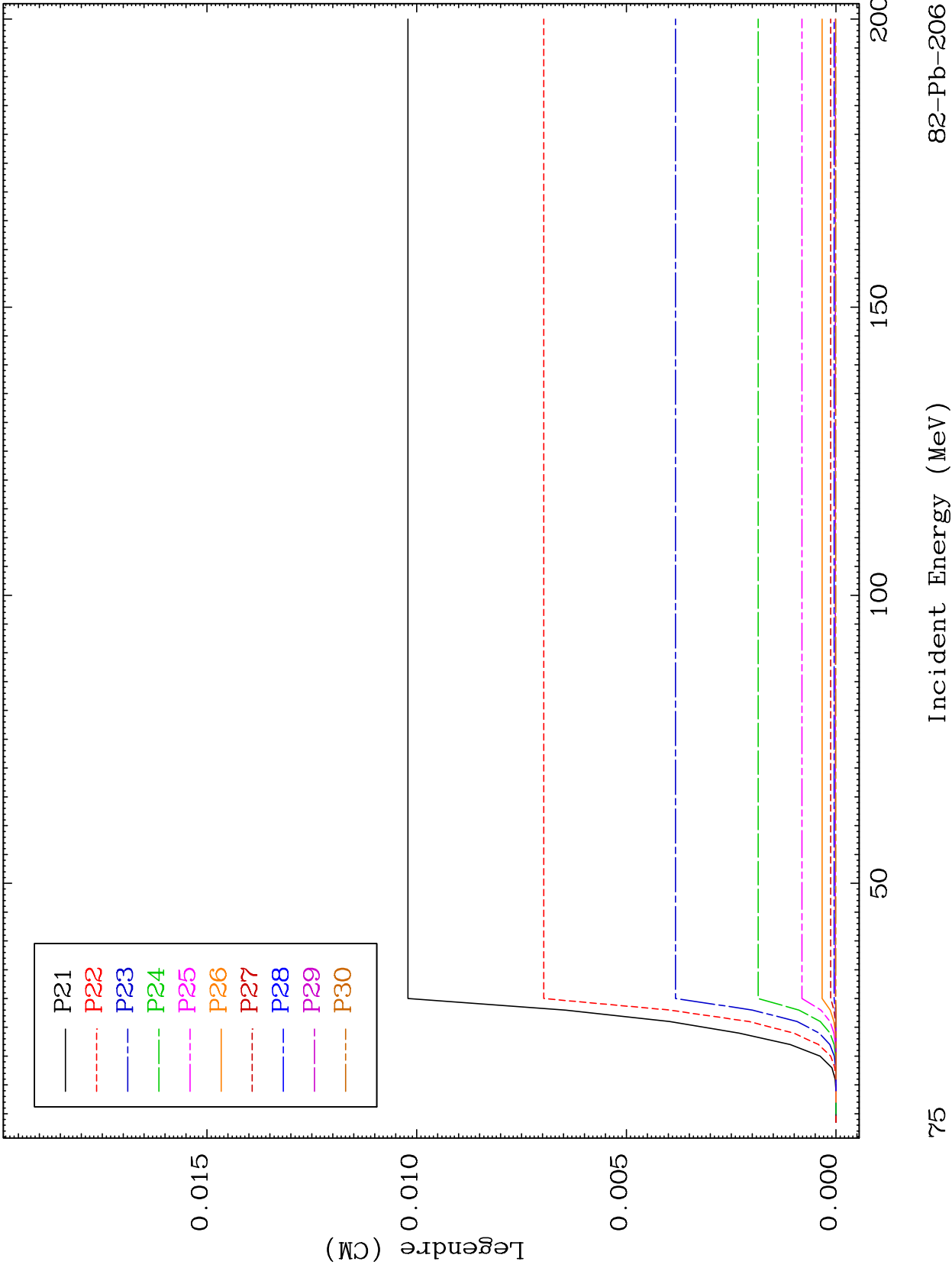
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



75

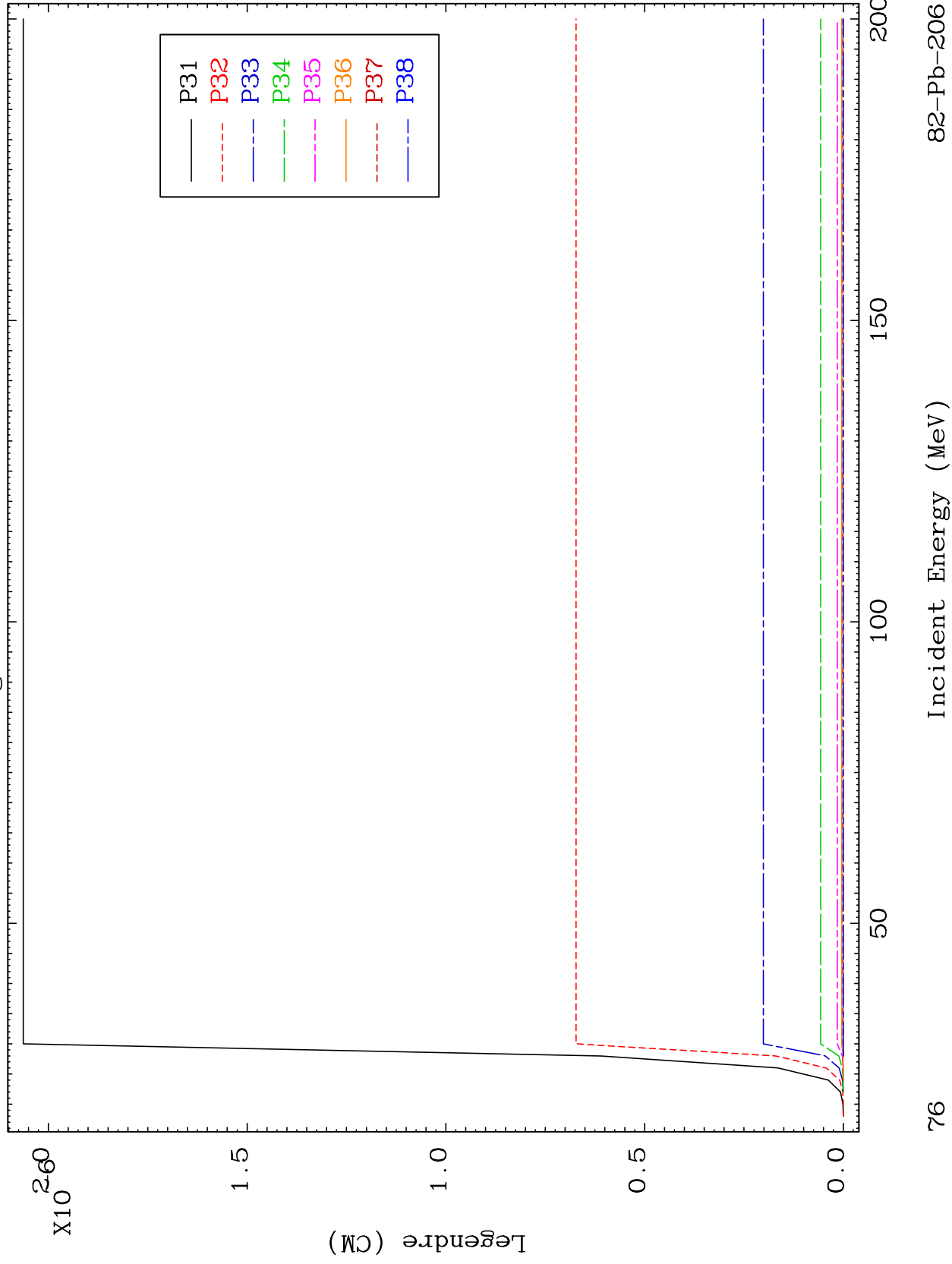
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

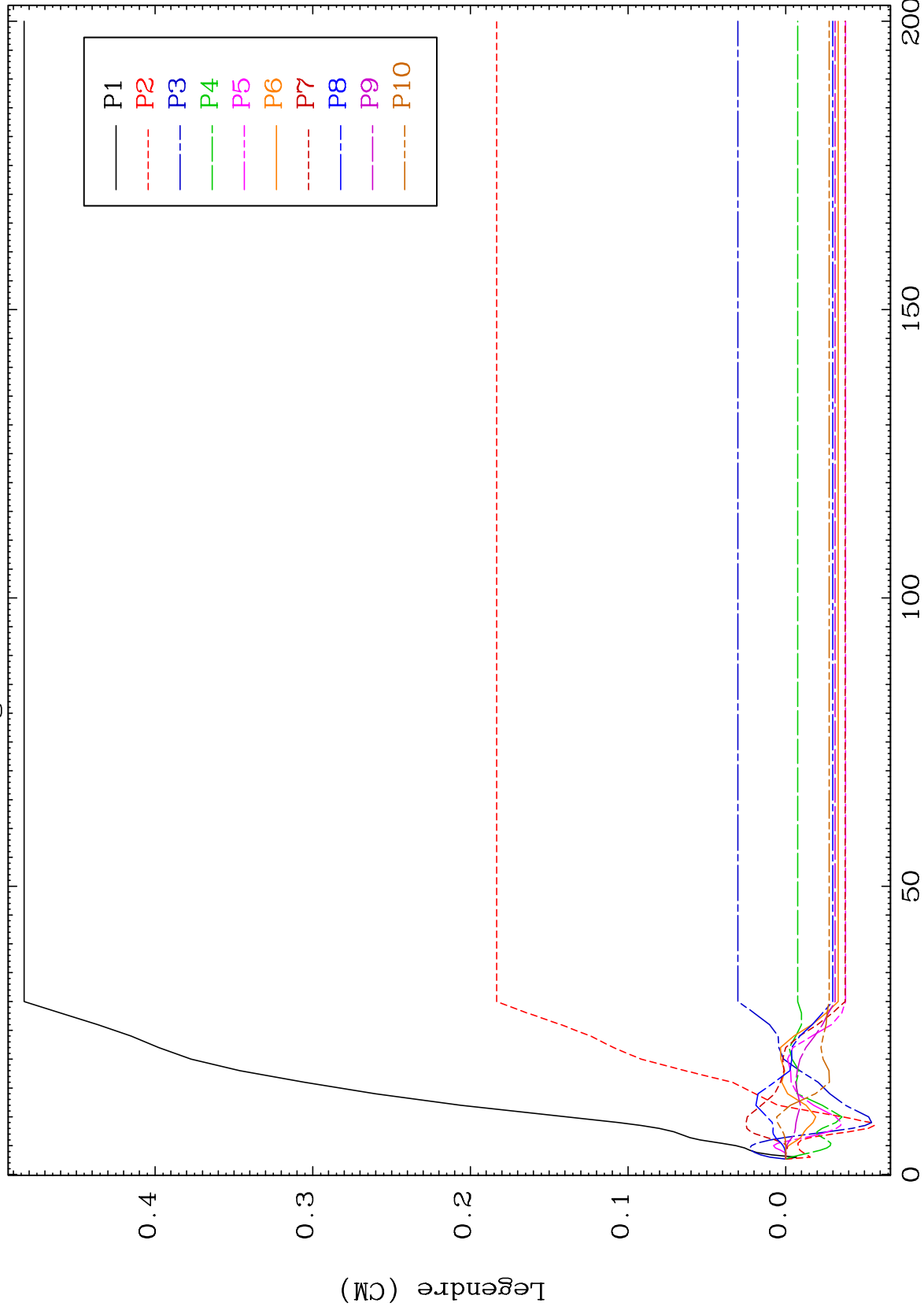
82-Pb-206



MAT 8231

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

82-Pb-206



77

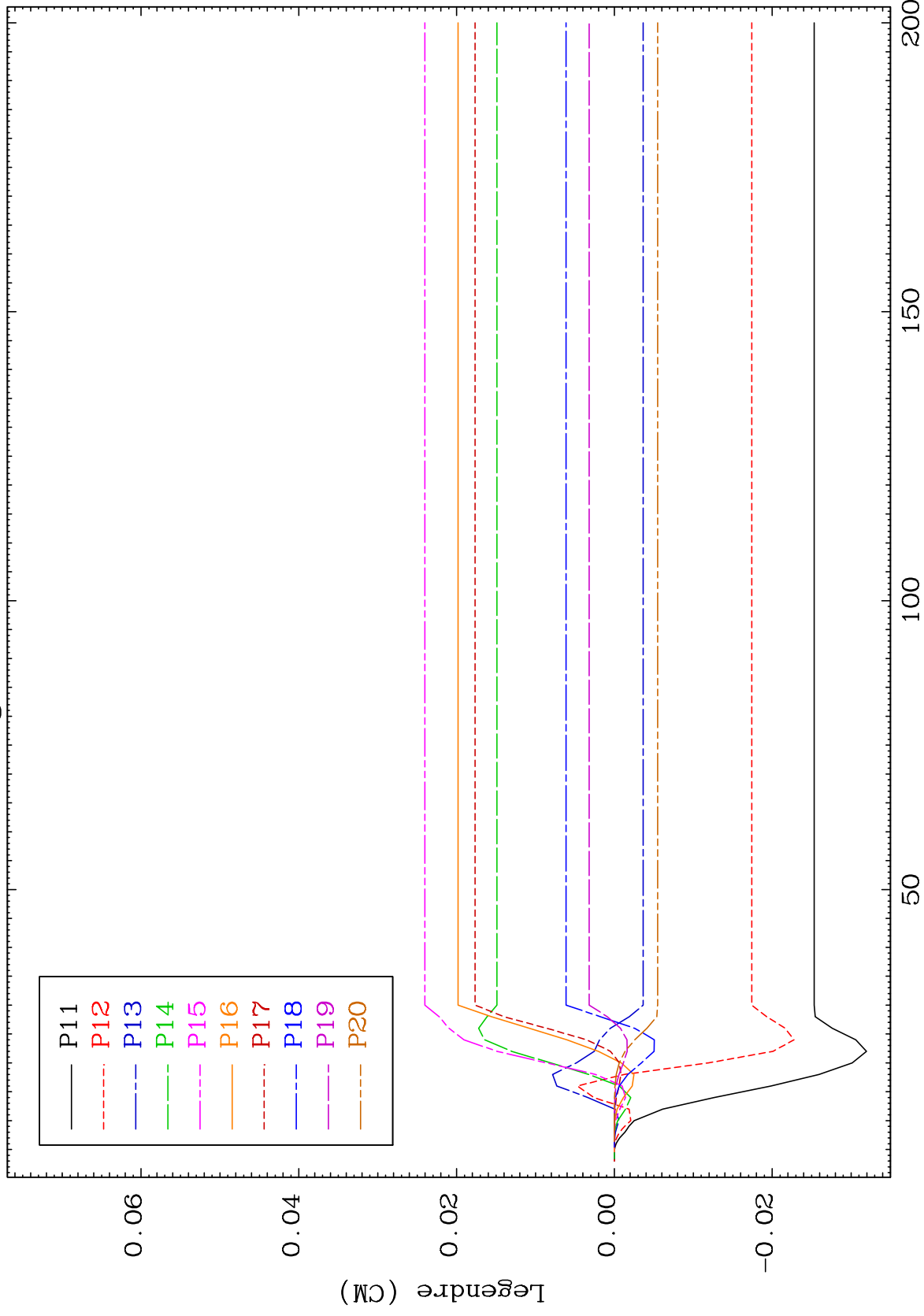
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

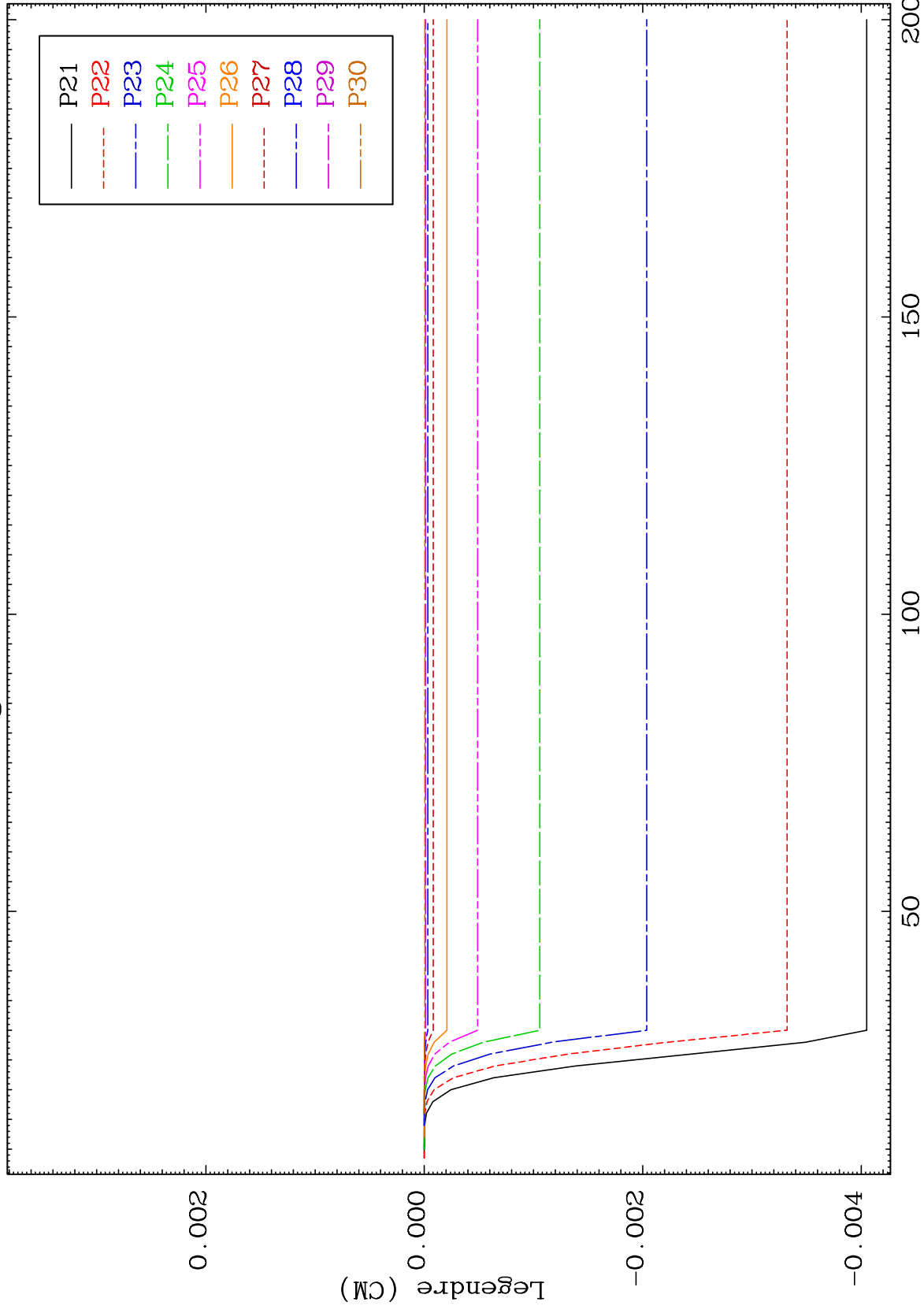
82-Pb-206



MAT 8231

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

82-Pb-206



79

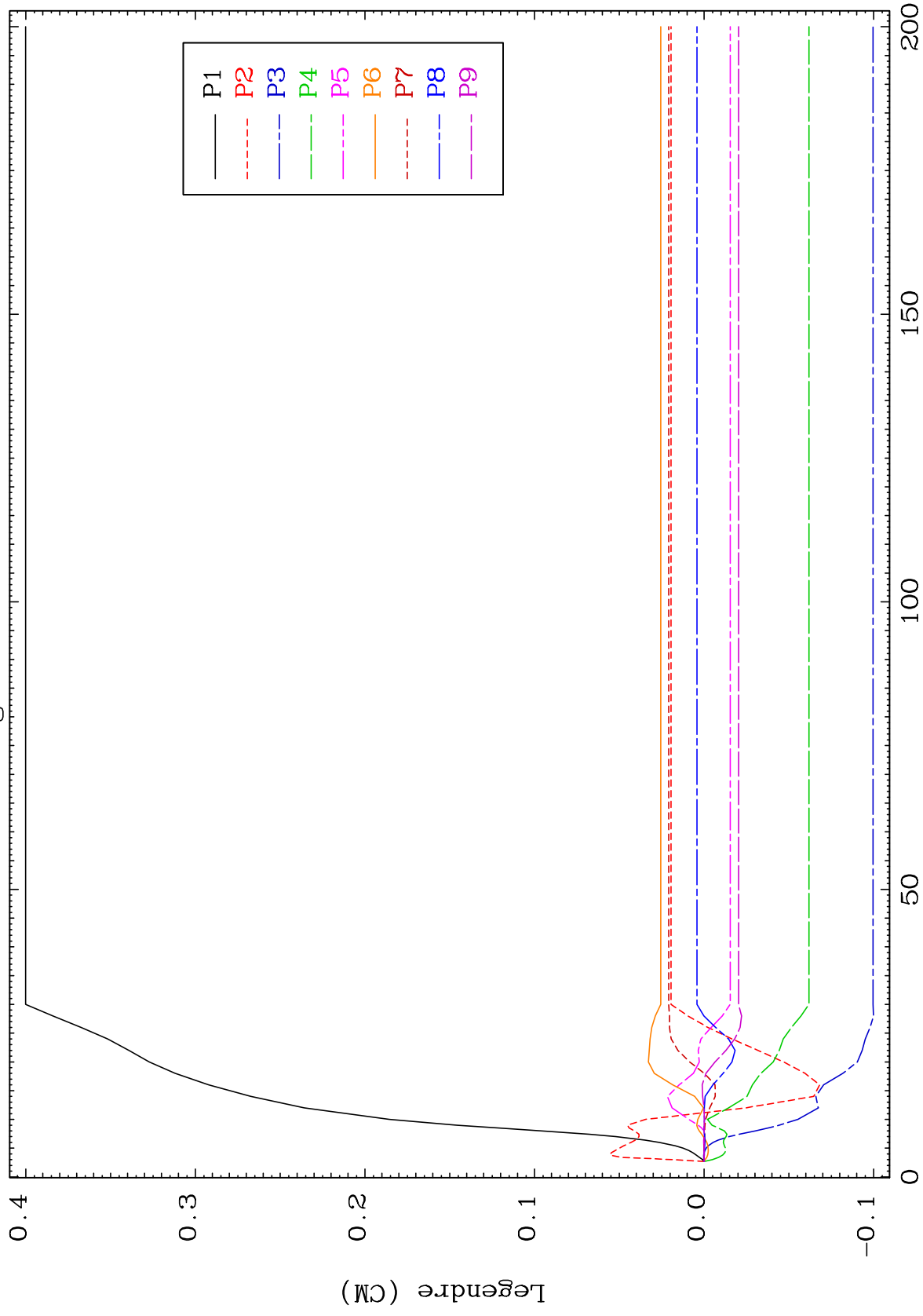
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



81

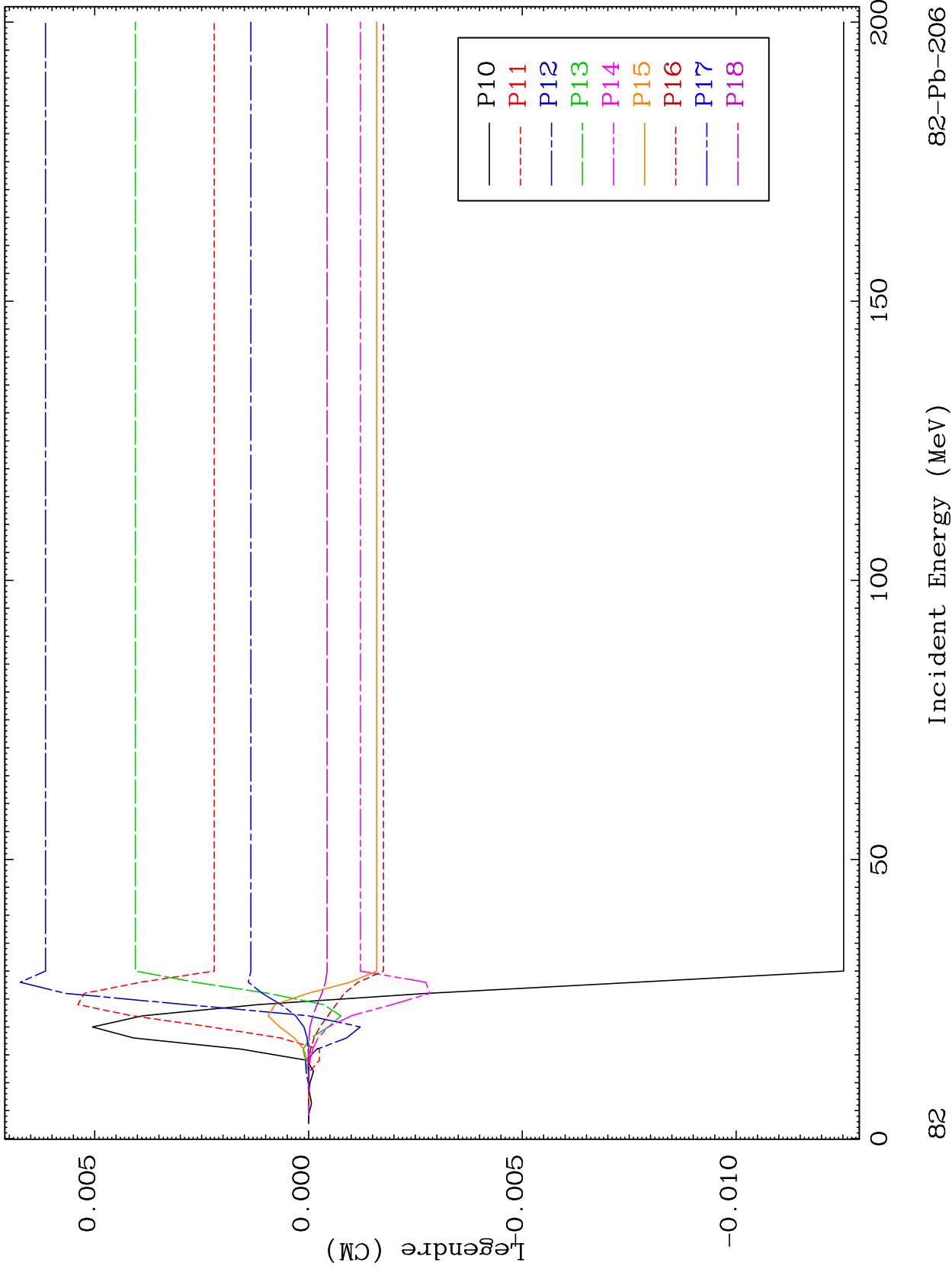
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82

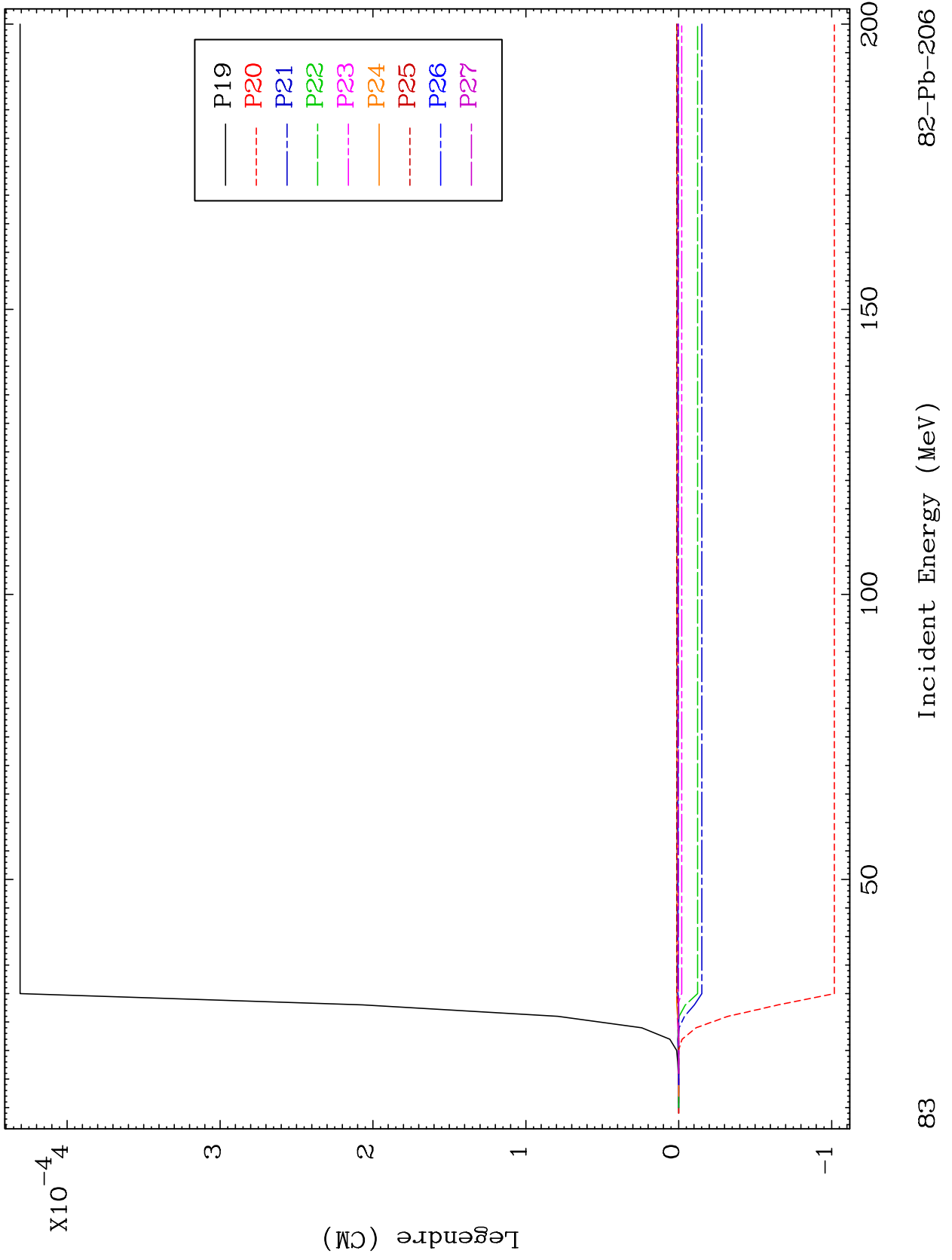
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



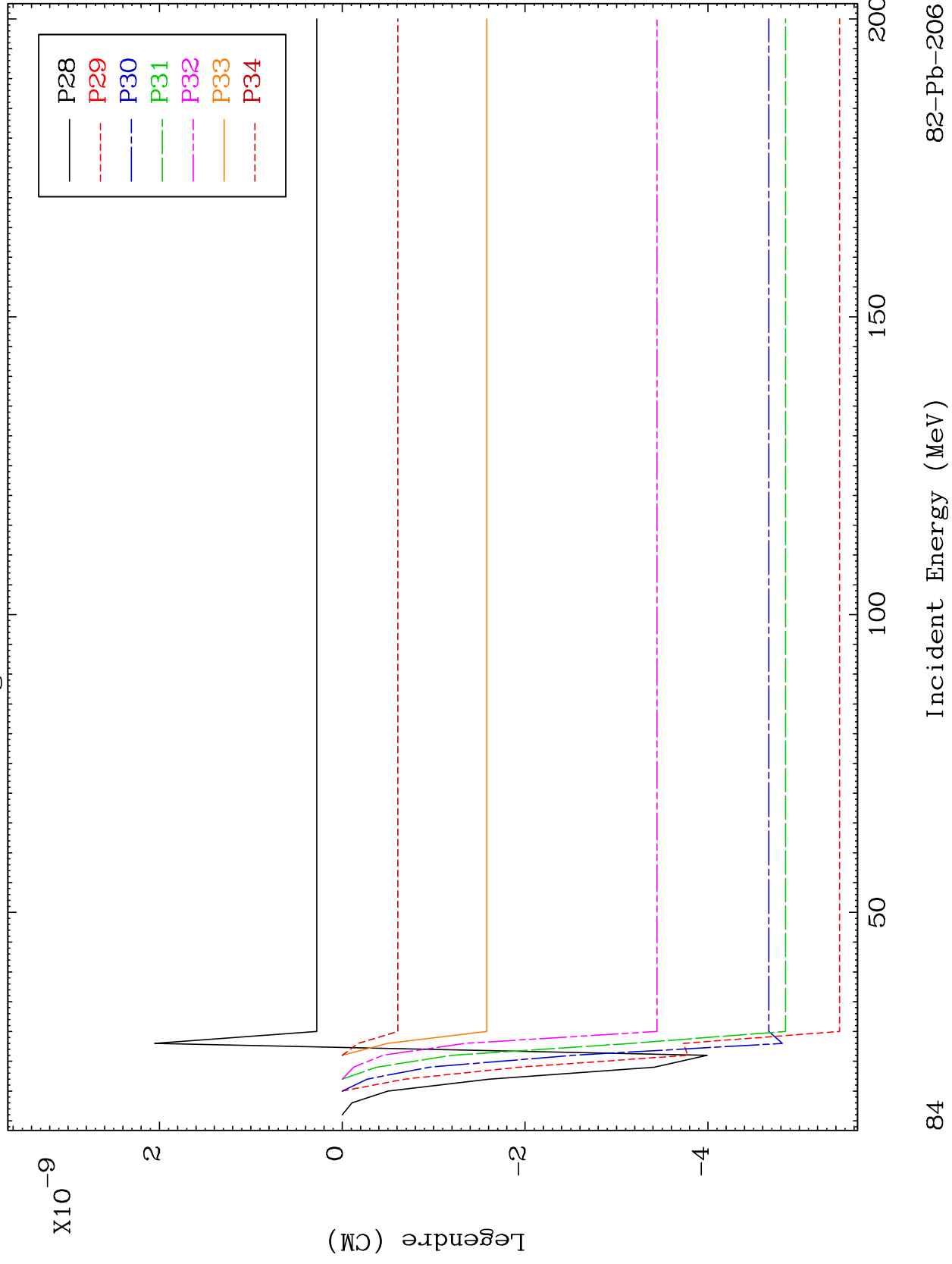
83

82-Pb-206

MAT 8231

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

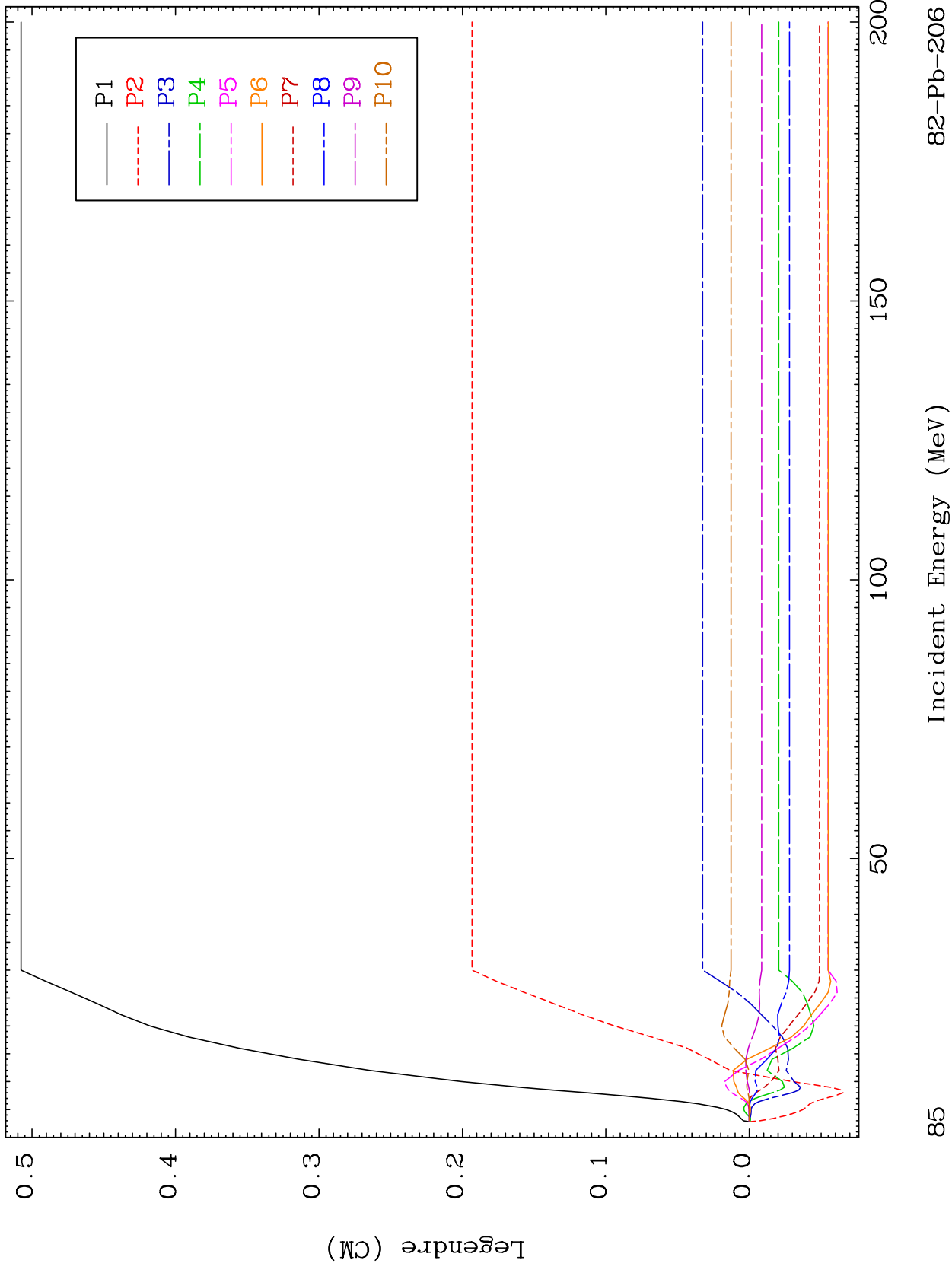
82-Pb-206



MAT 8231

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

82-Pb-206



85

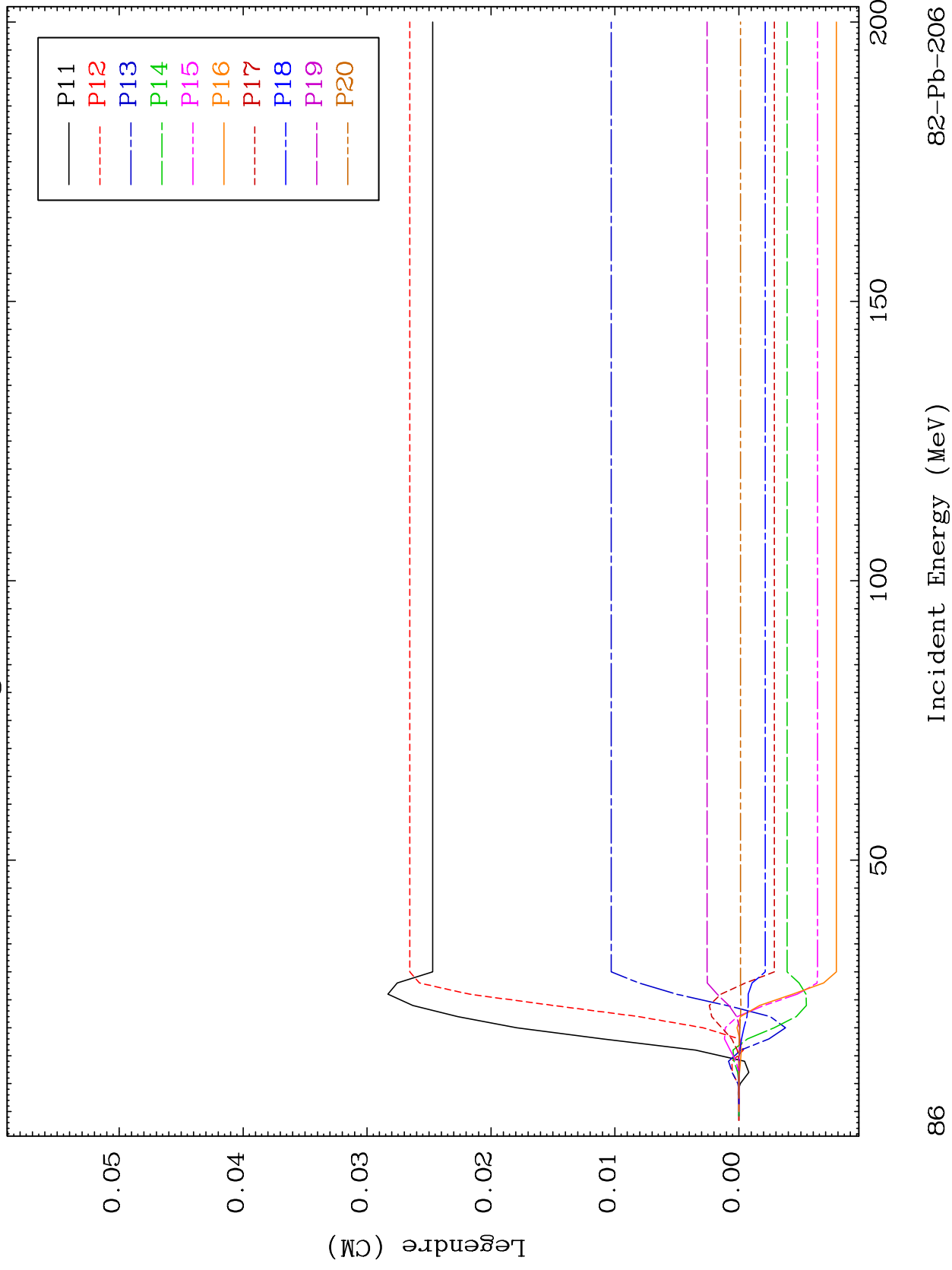
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

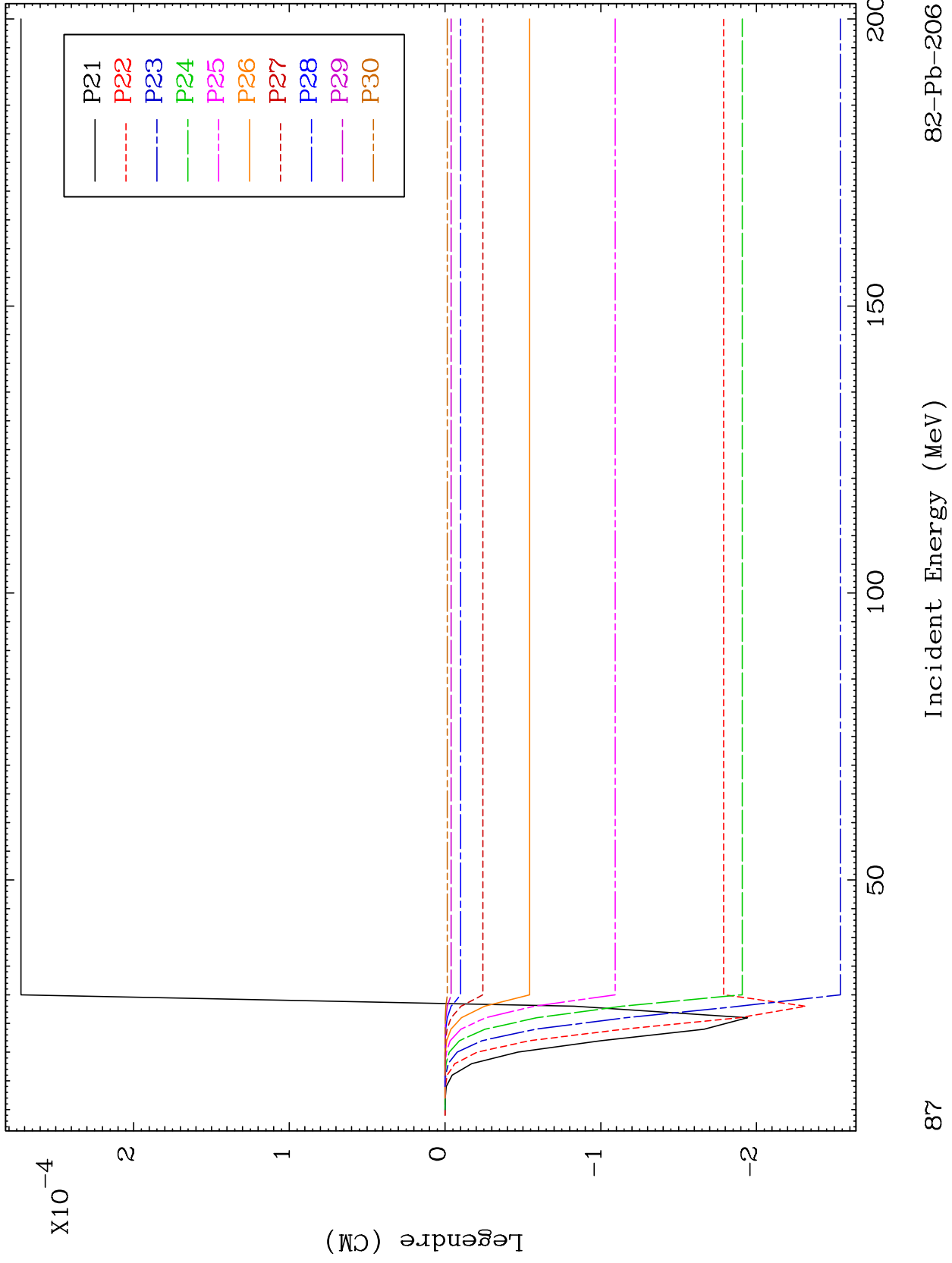


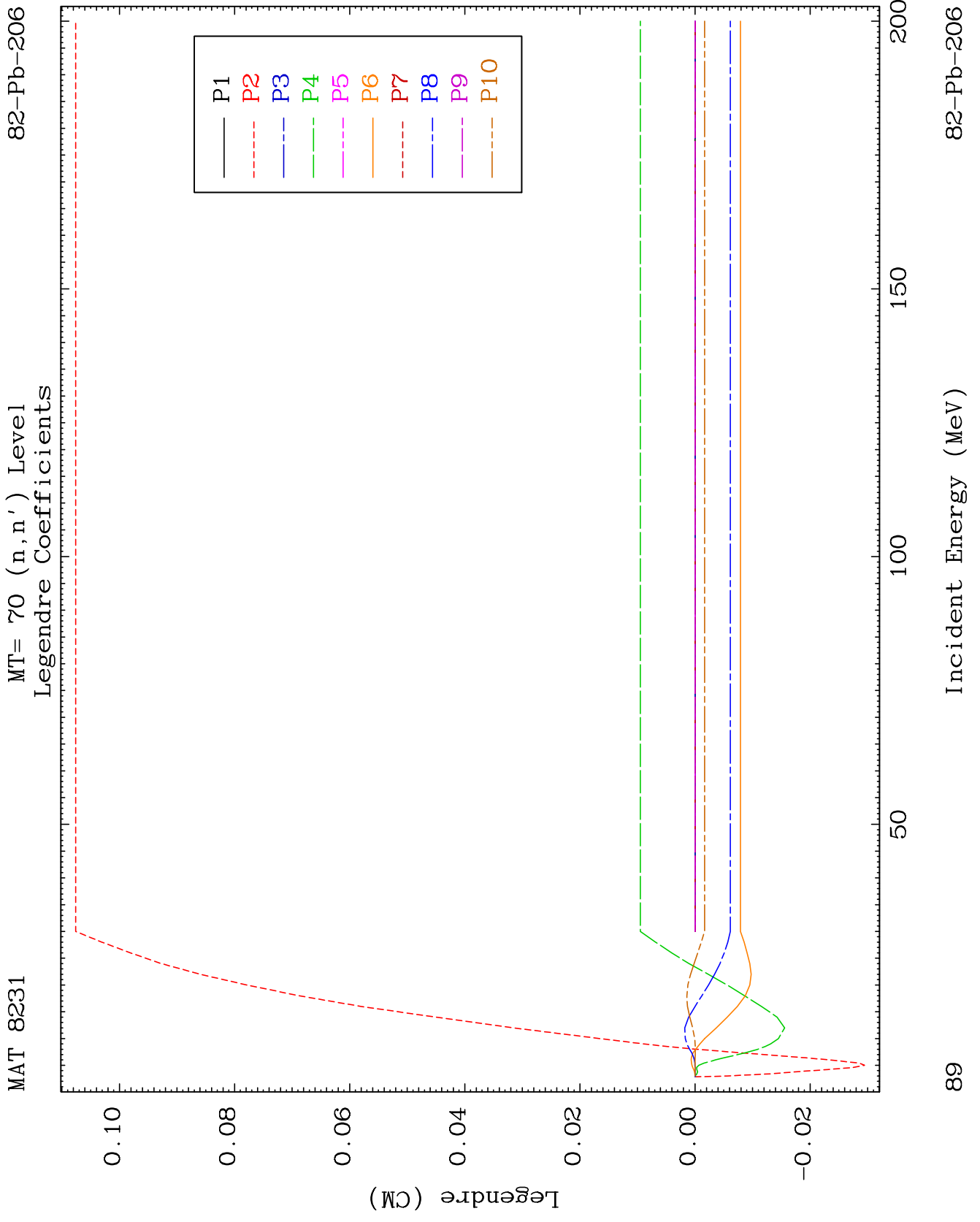
86

MAT 8231

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

82-Pb-206

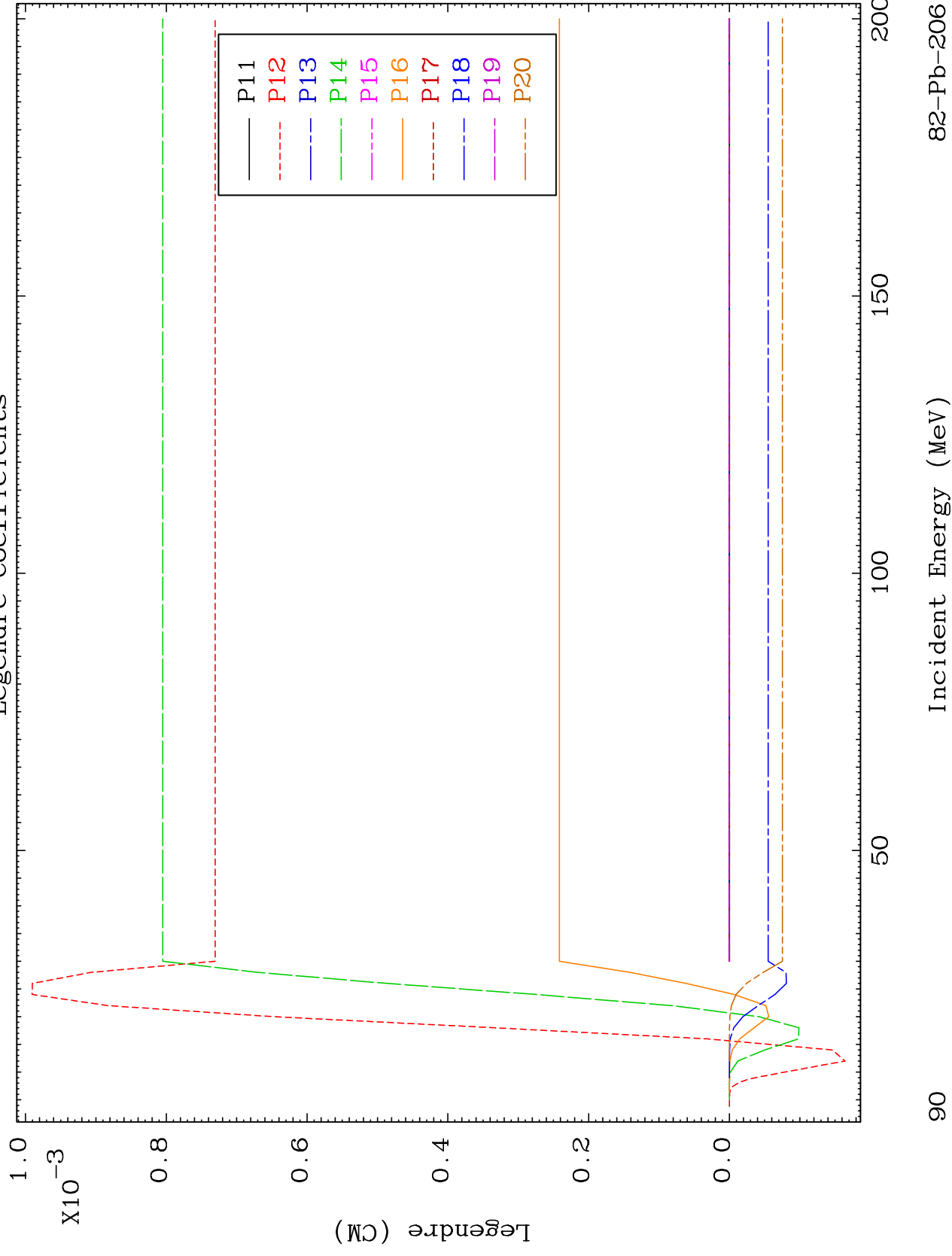


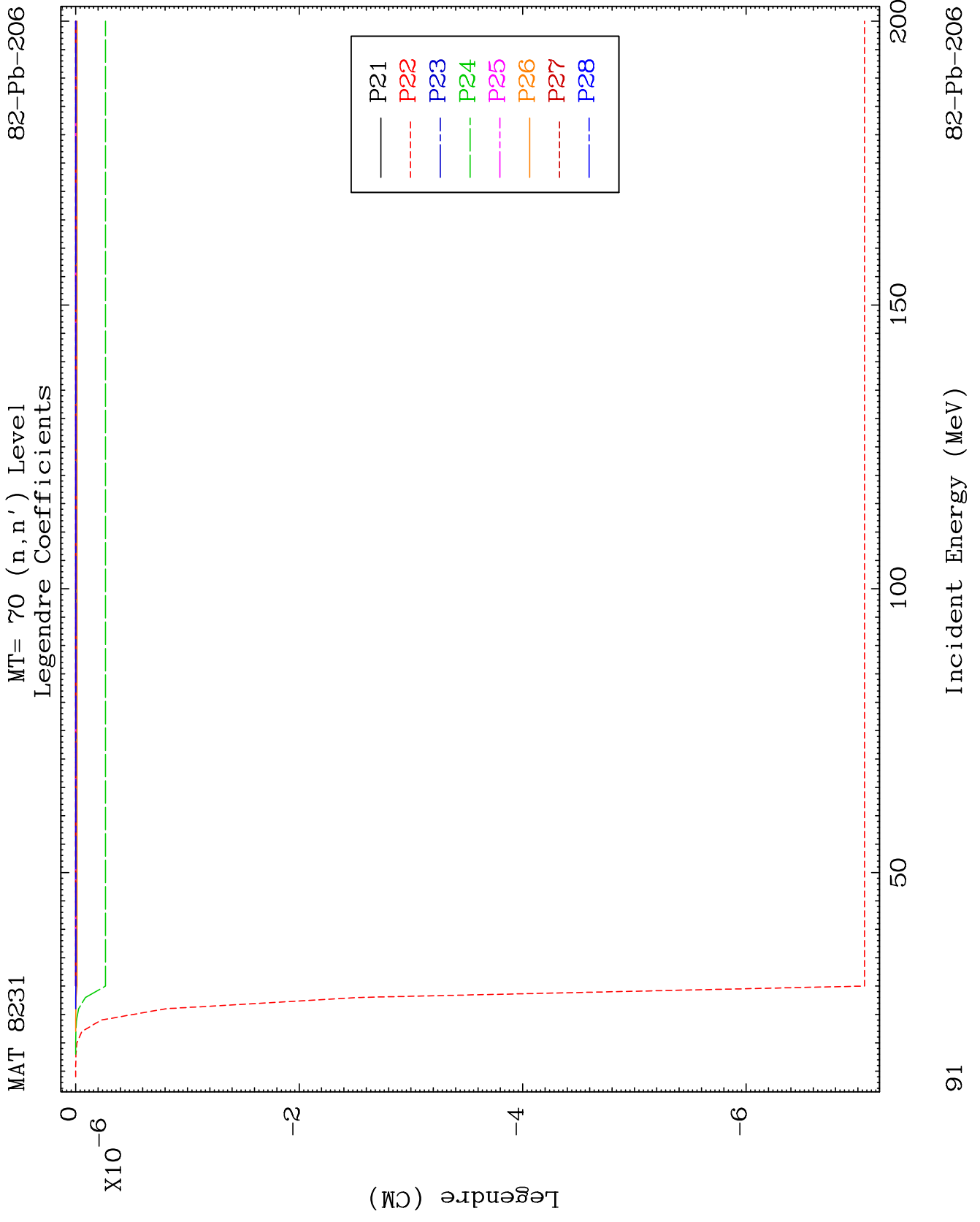


MAT 8231

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

82-Pb-206

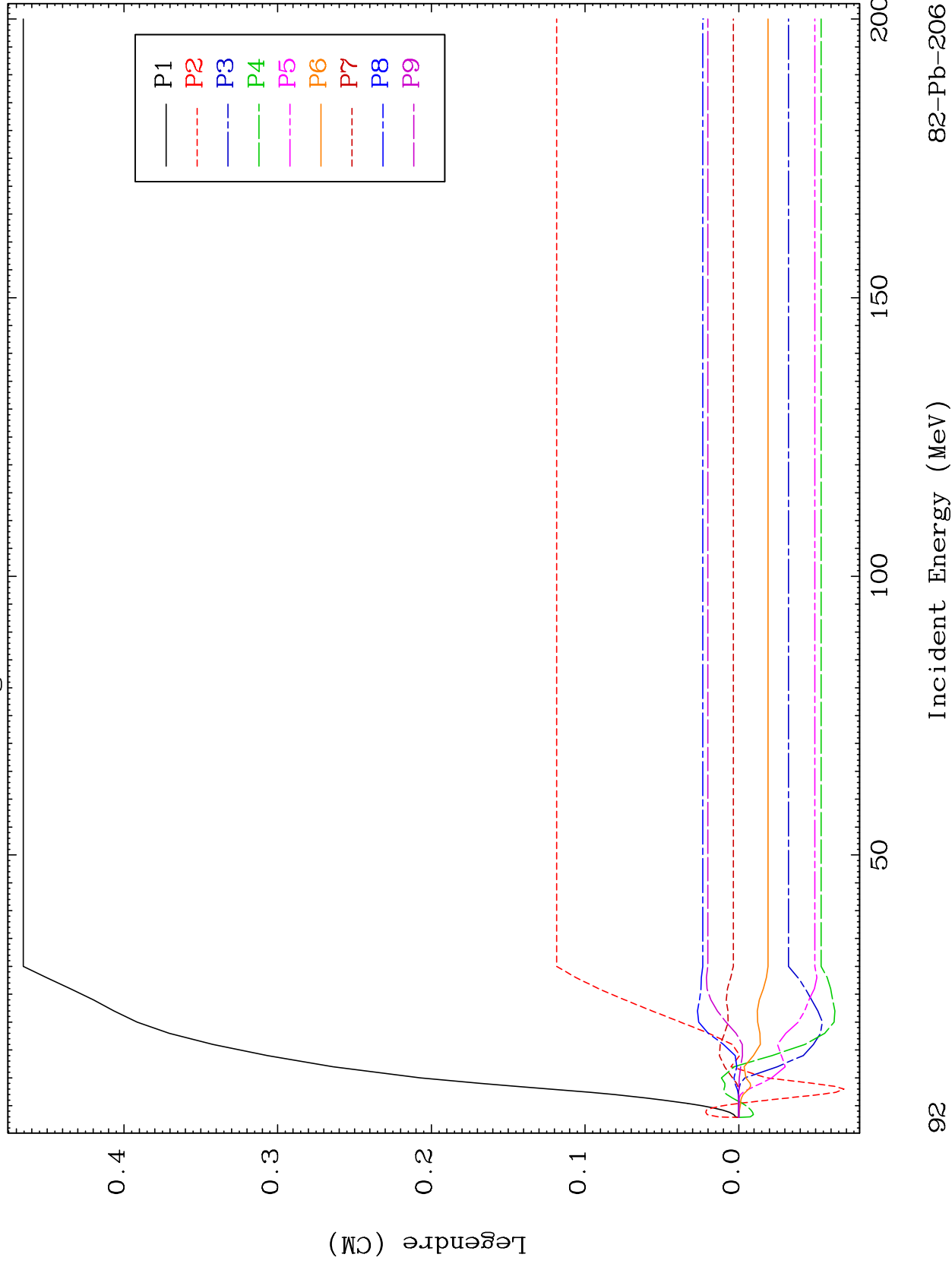




MAT 8231

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

82-Pb-206



92

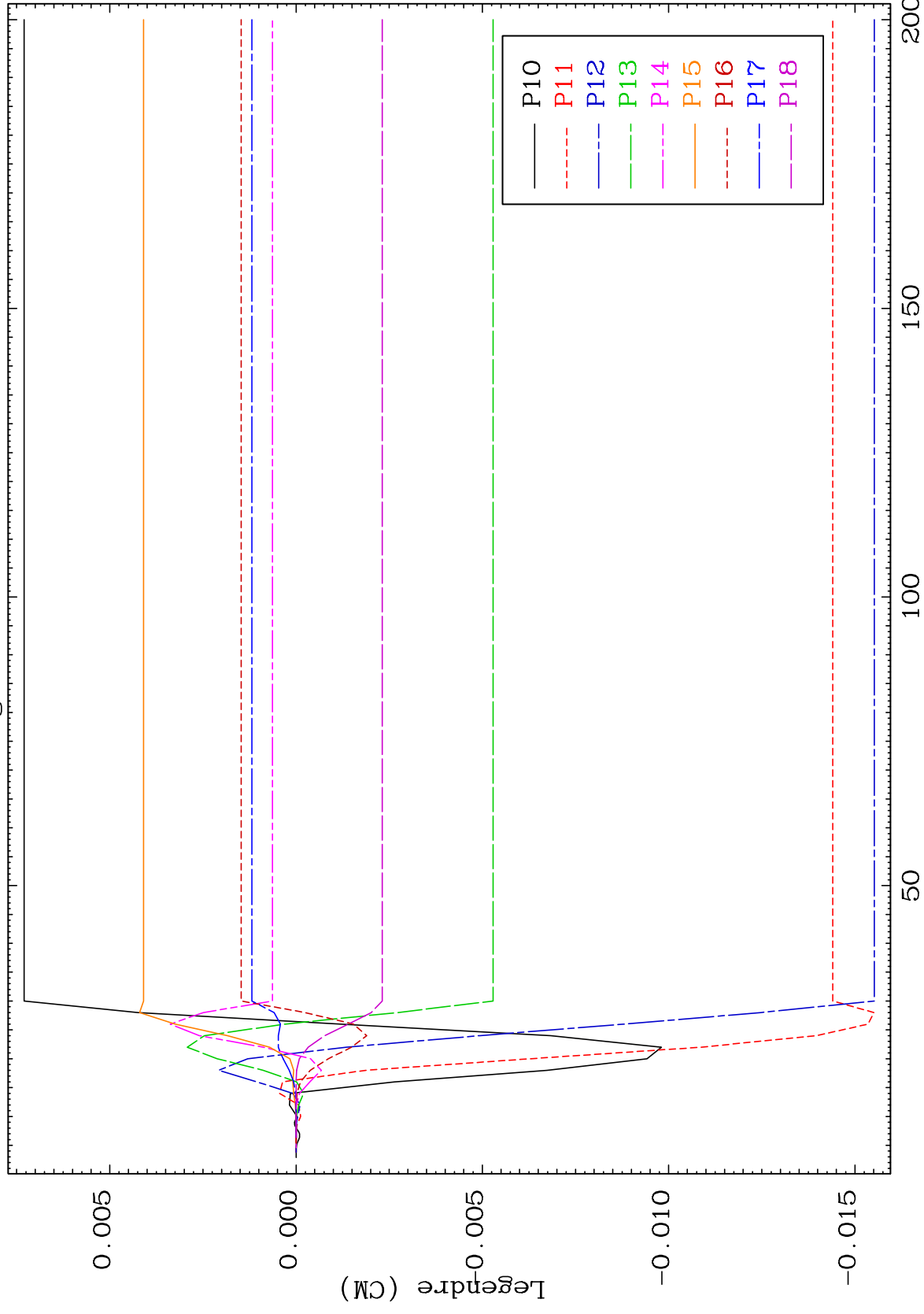
Incident Energy (MeV)

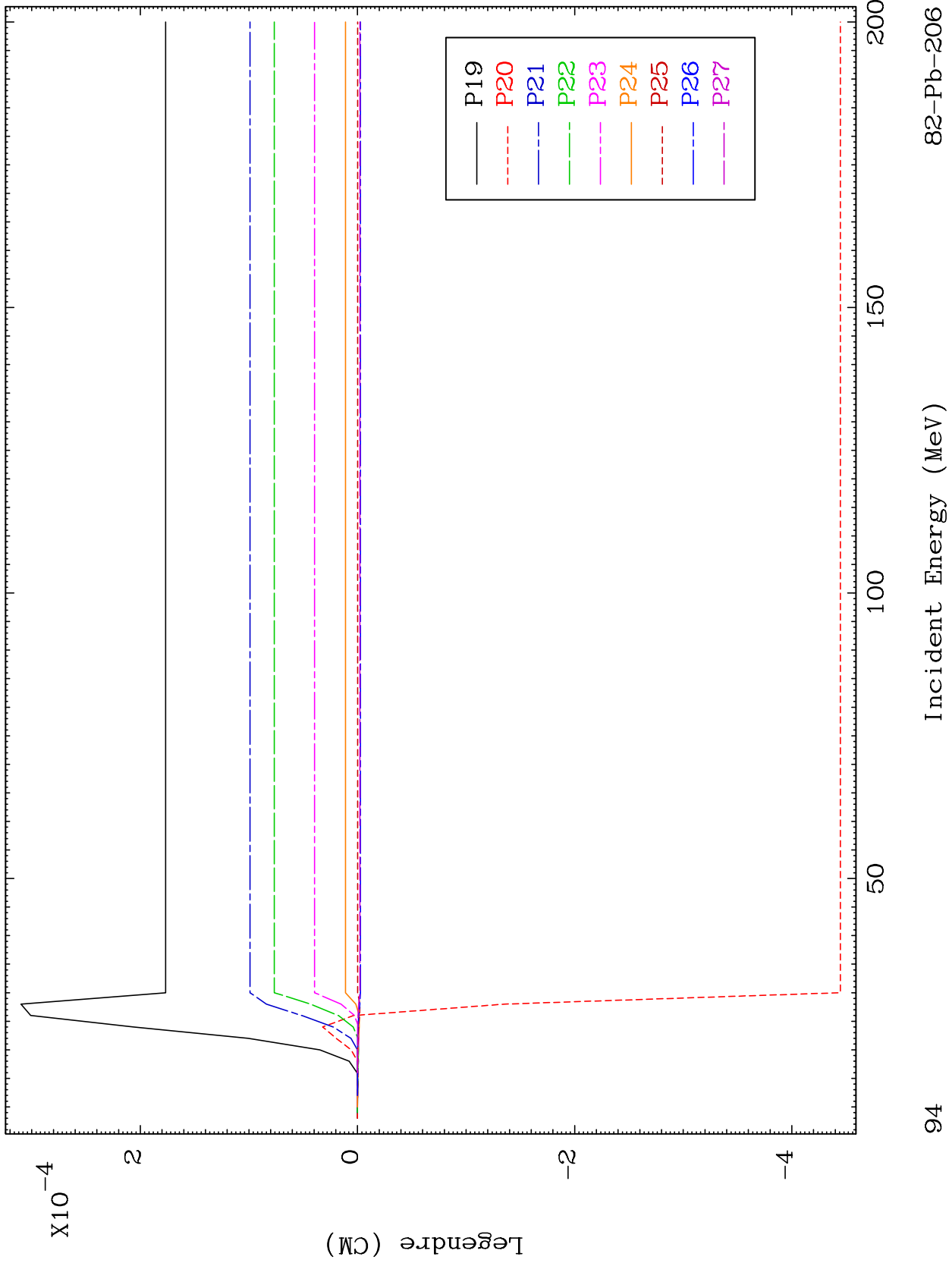
82-Pb-206

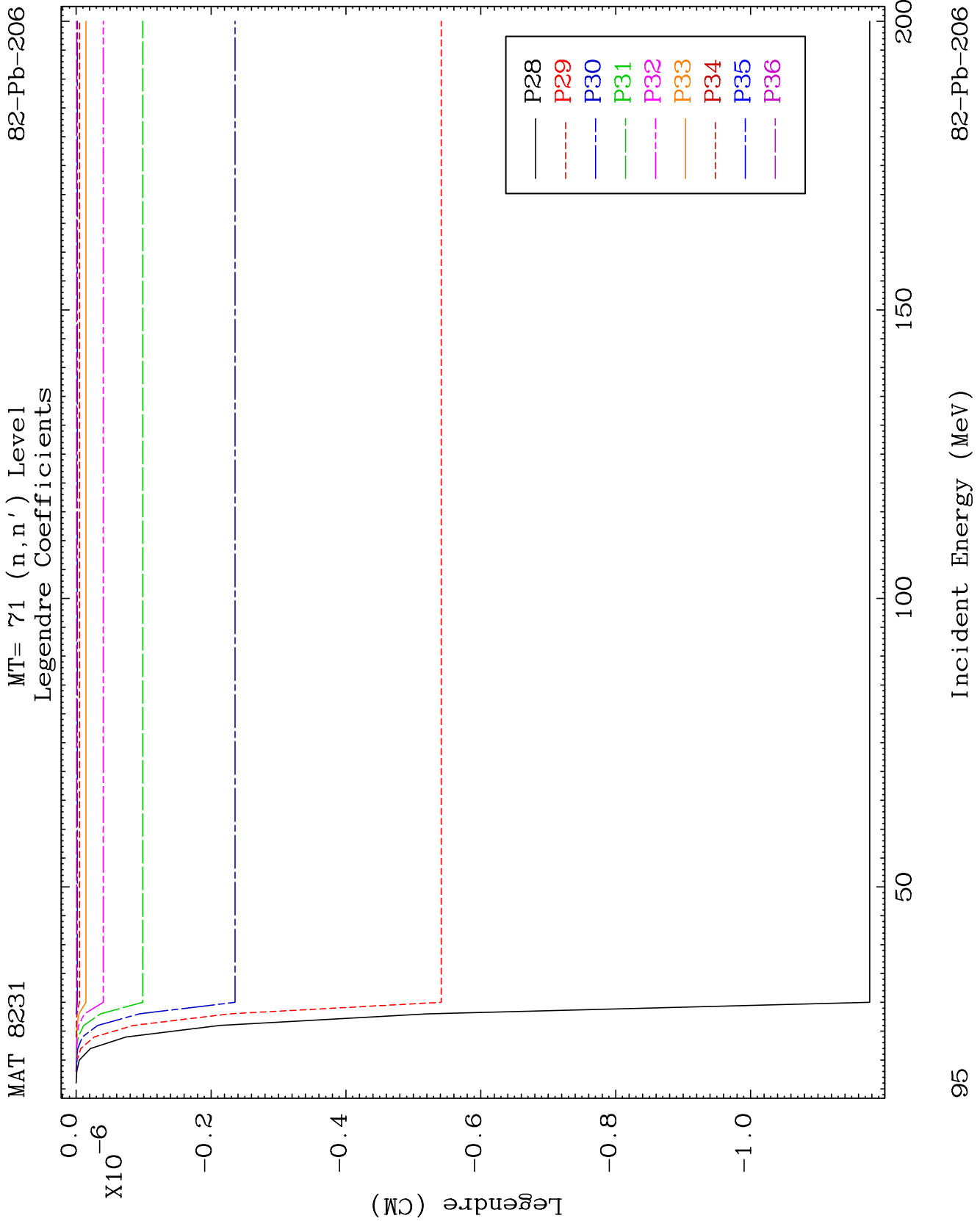
MAT 8231

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

82-Pb-206



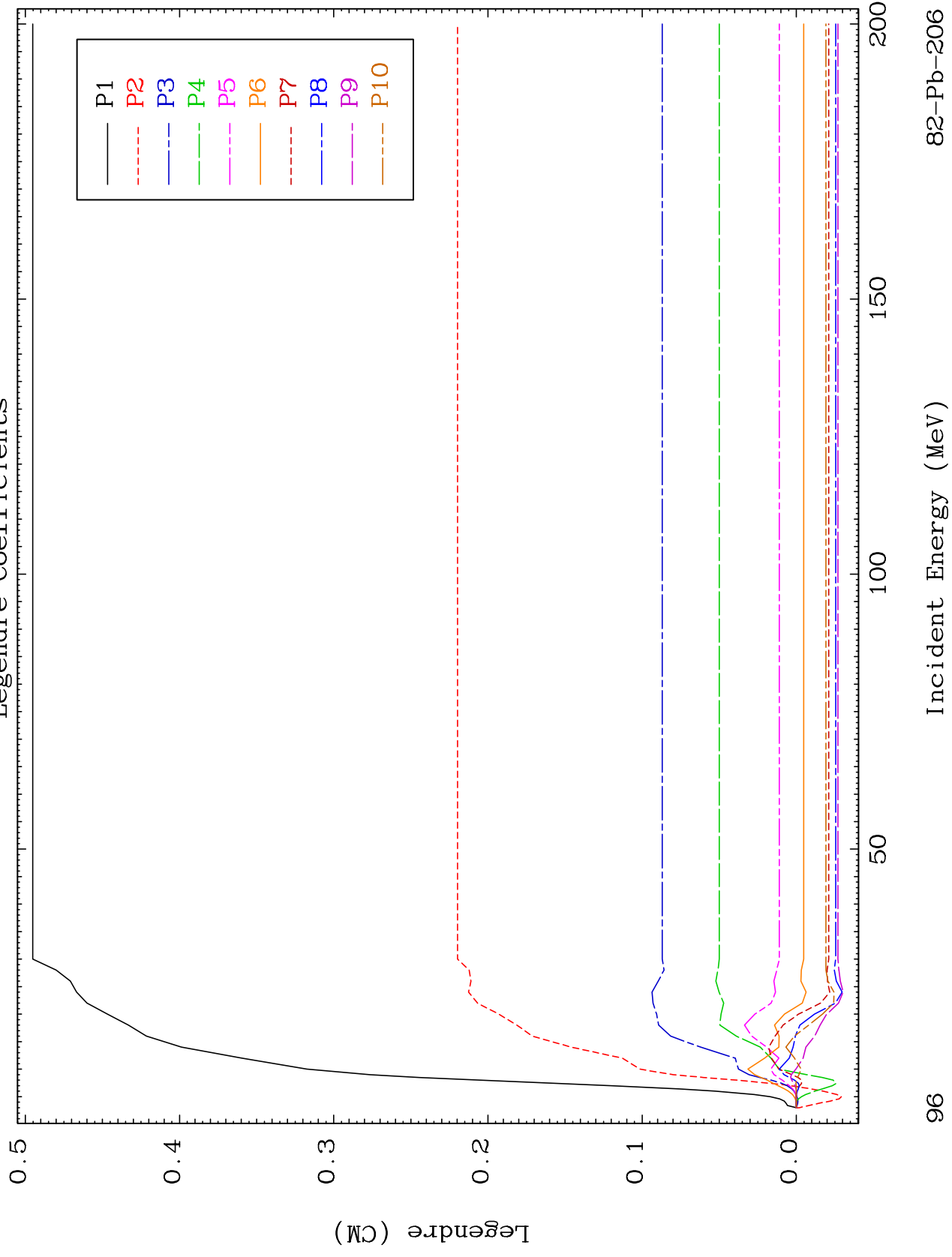




MAT 8231

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

82-Pb-206



96

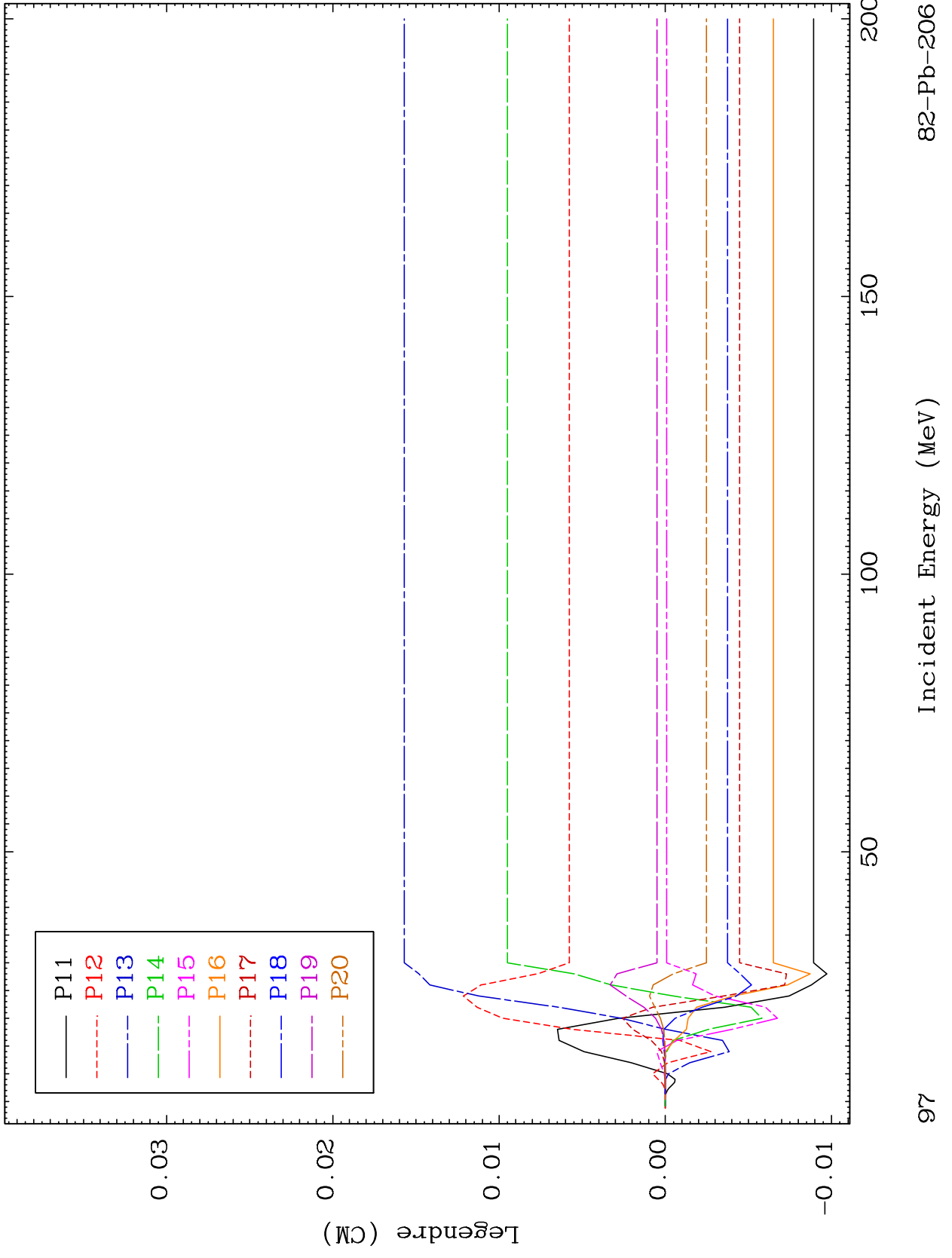
Incident Energy (MeV)

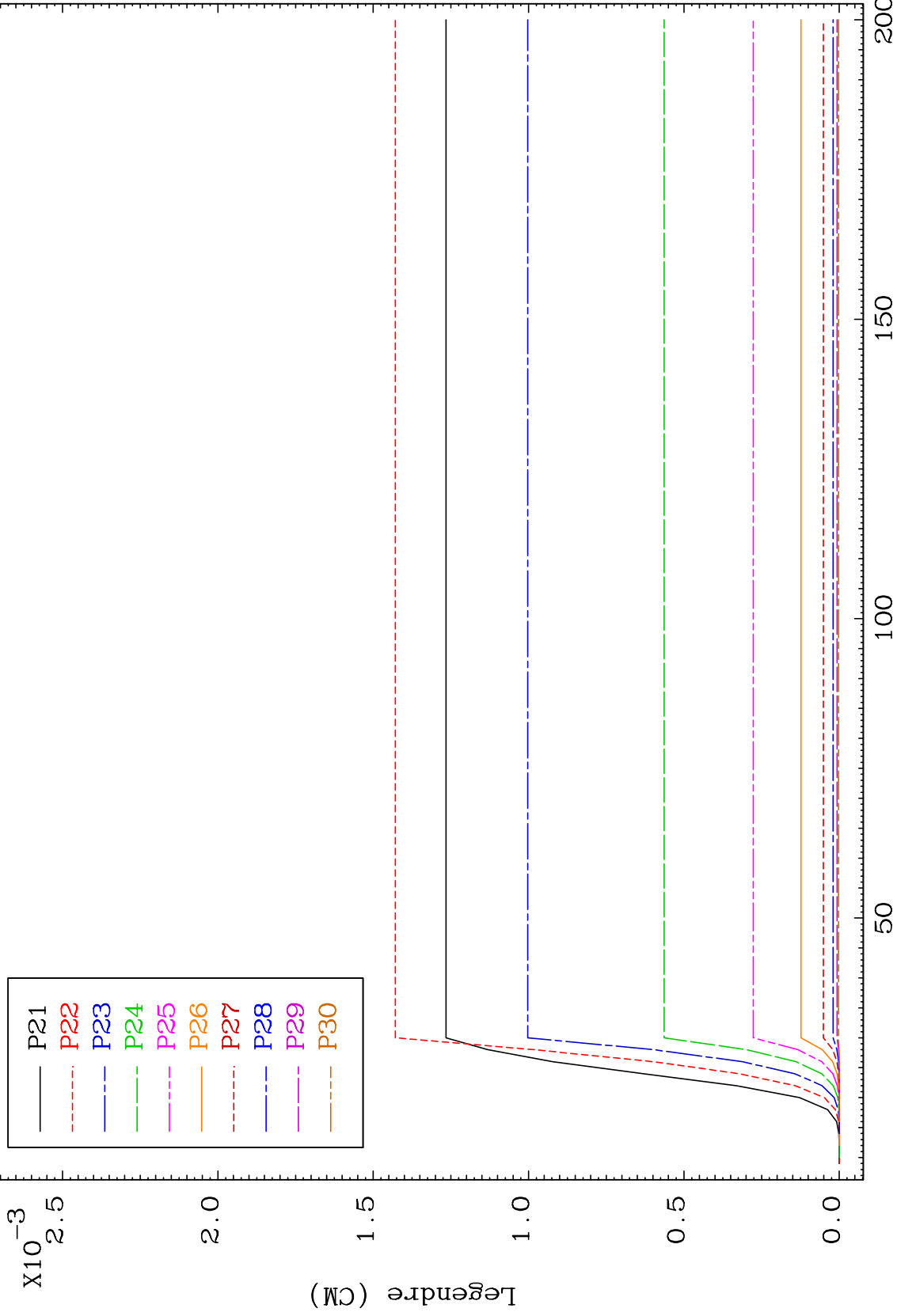
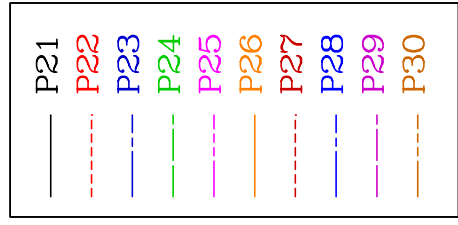
82-Pb-206

MAT 8231

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

82-Pb-206

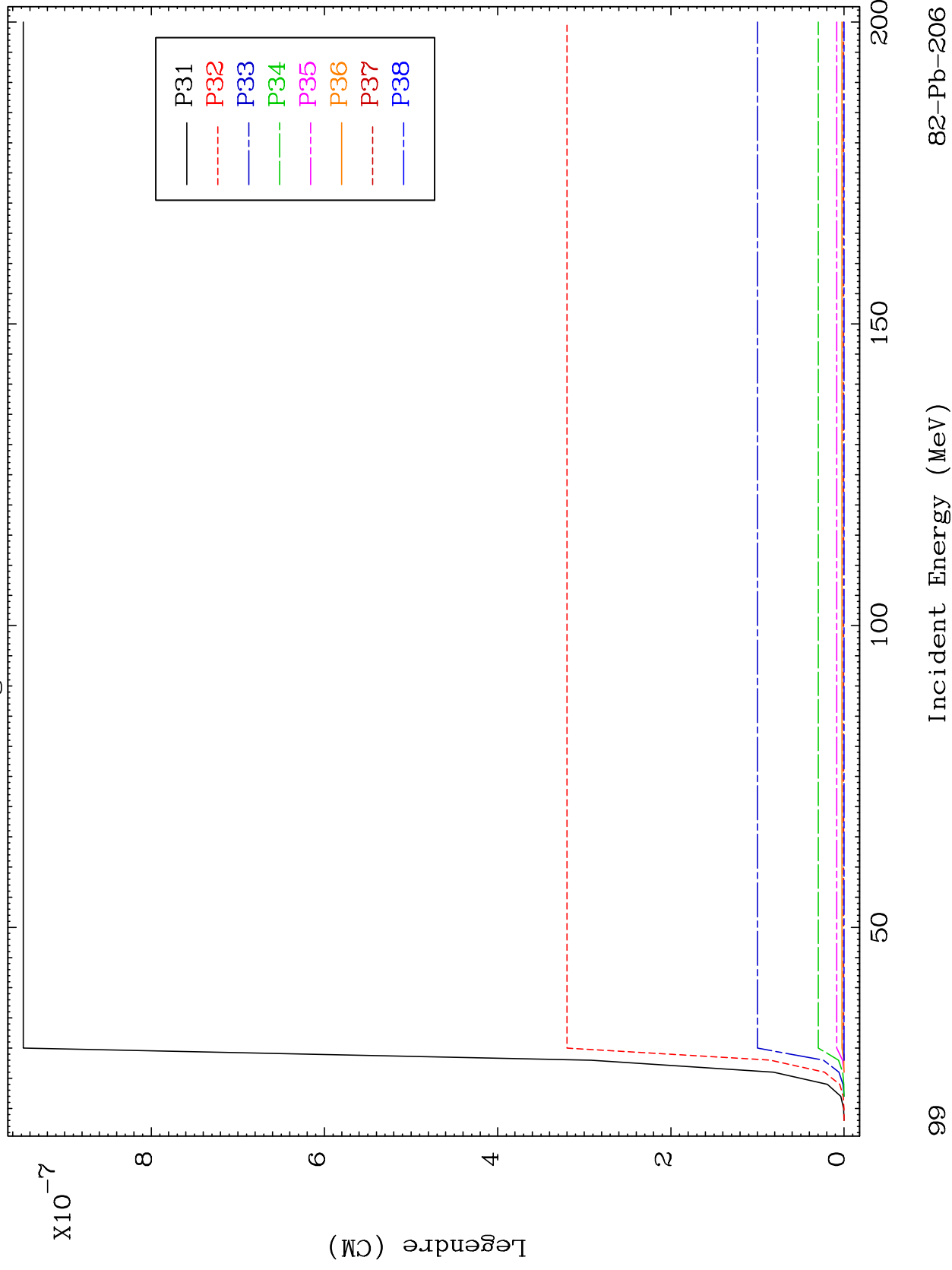




MAT 8231

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

82-Pb-206



99

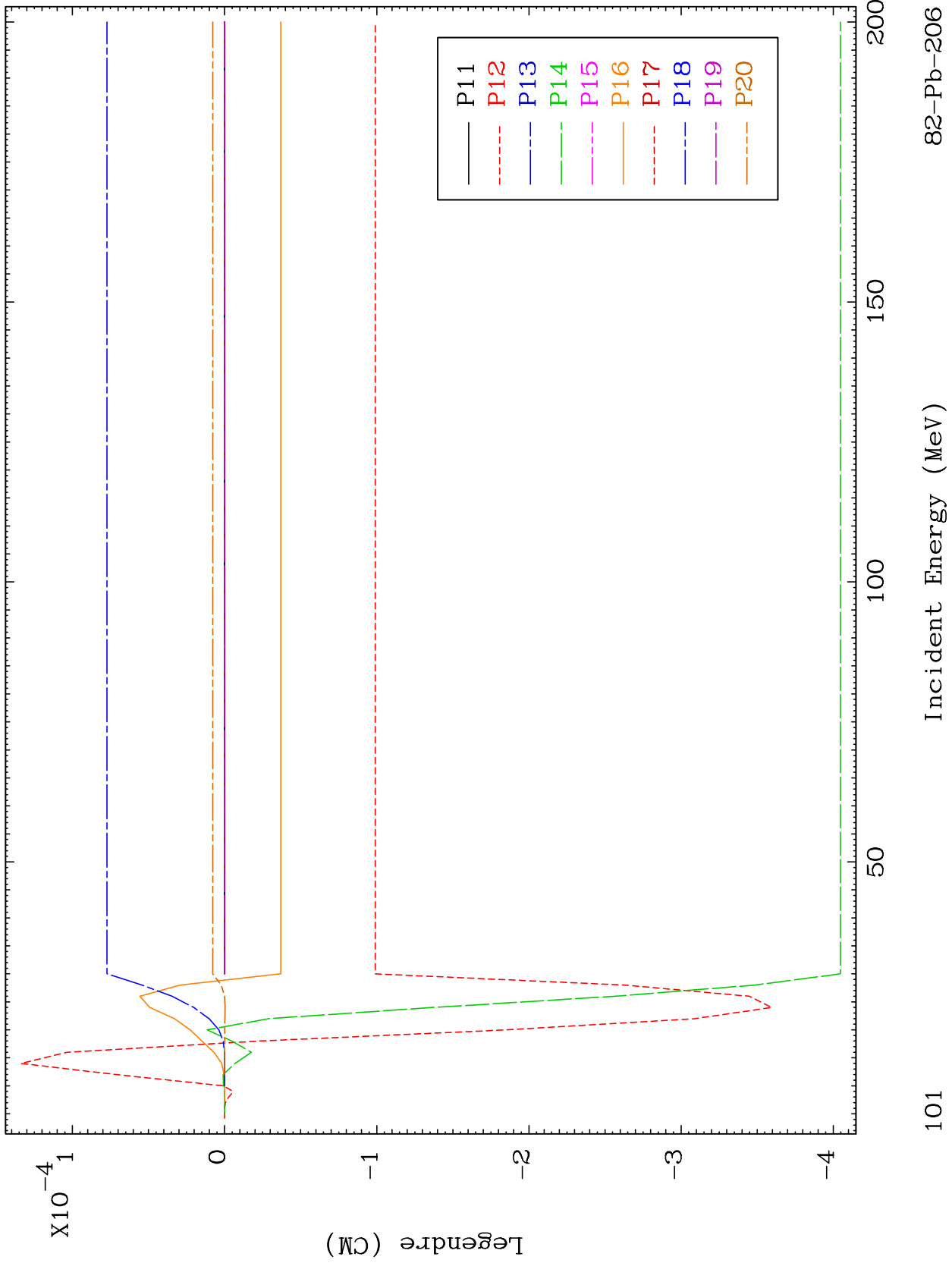
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

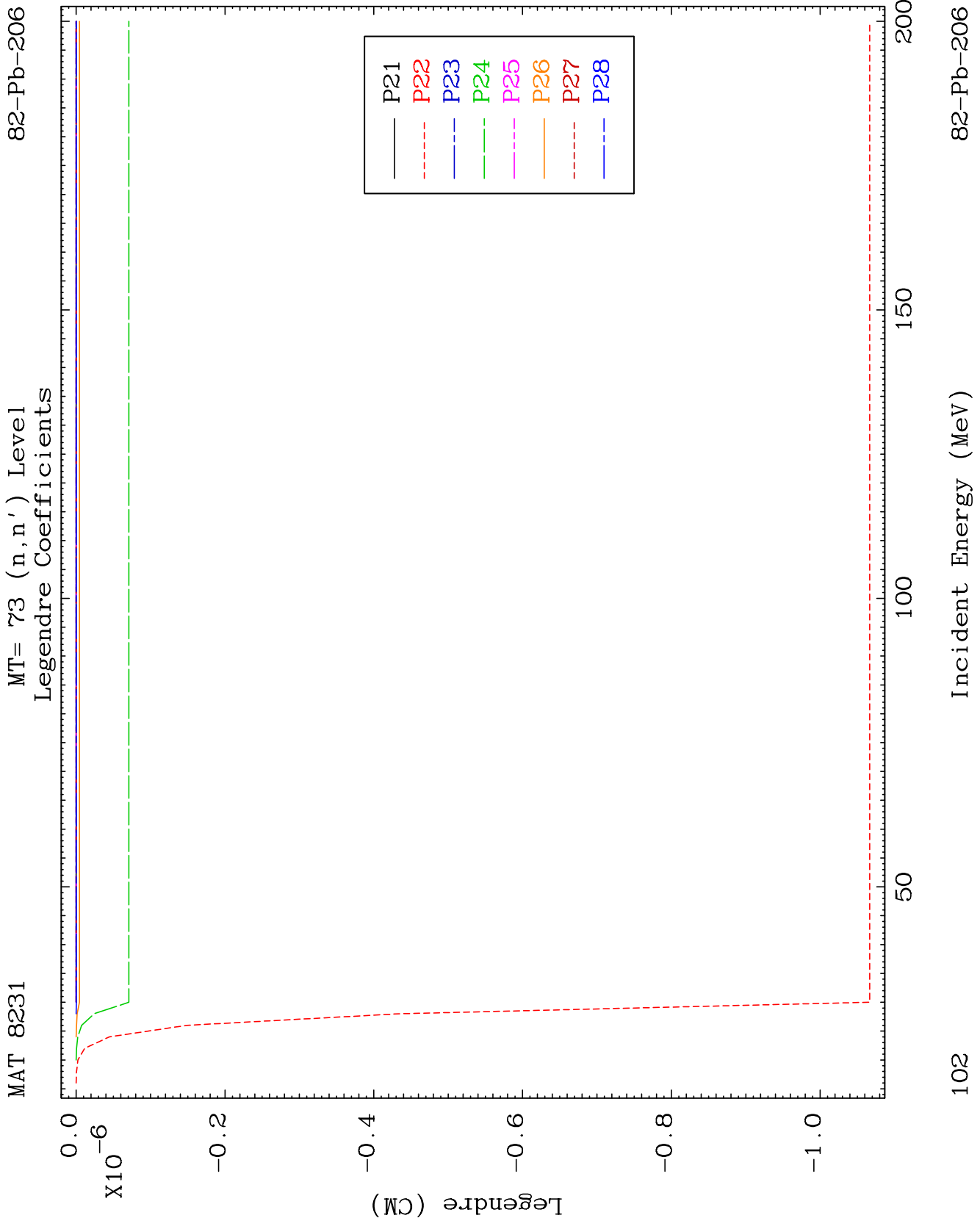
82-Pb-206



101

Incident Energy (MeV)

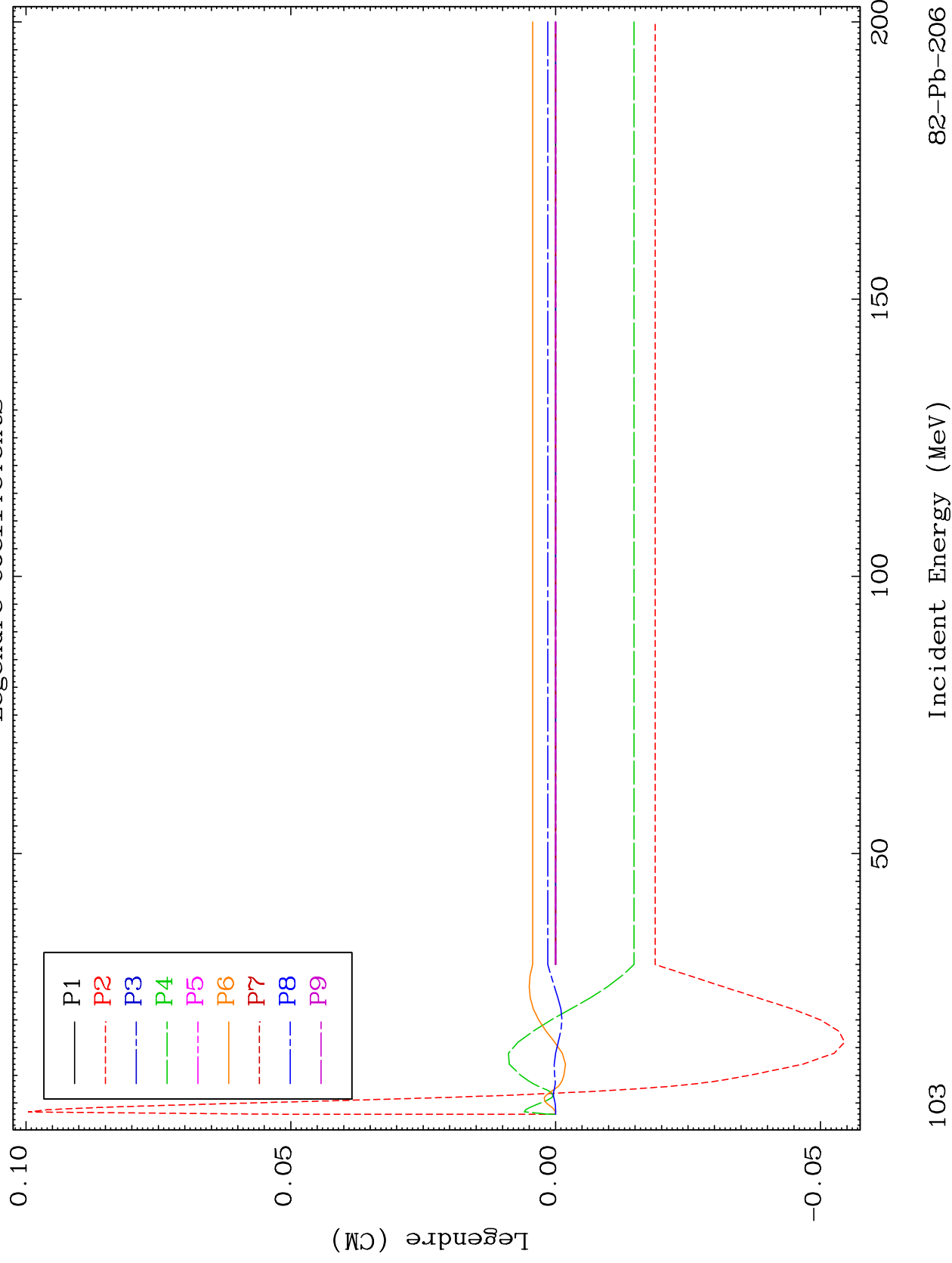
82-Pb-206



MAT 8231

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

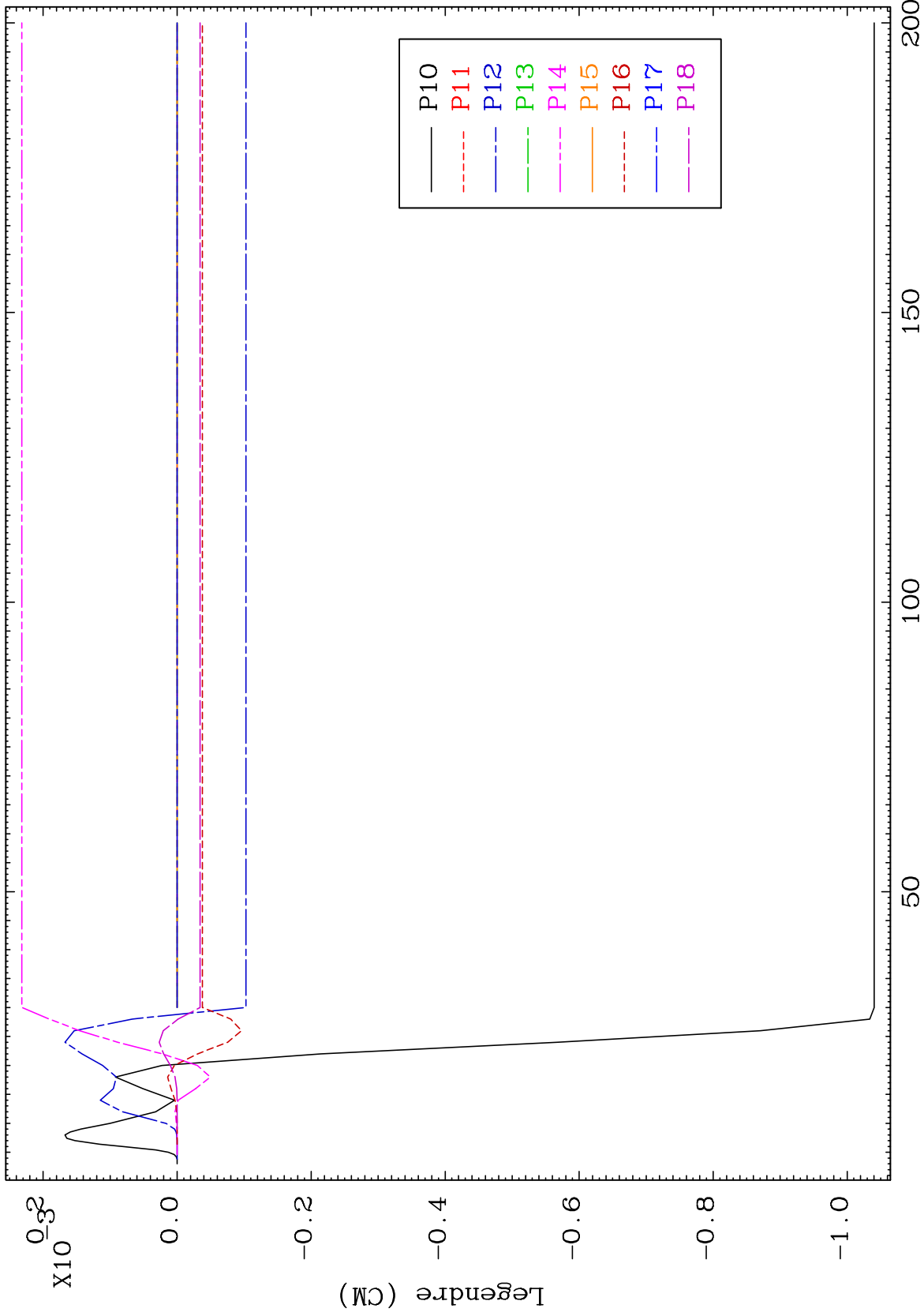
82-Pb-206

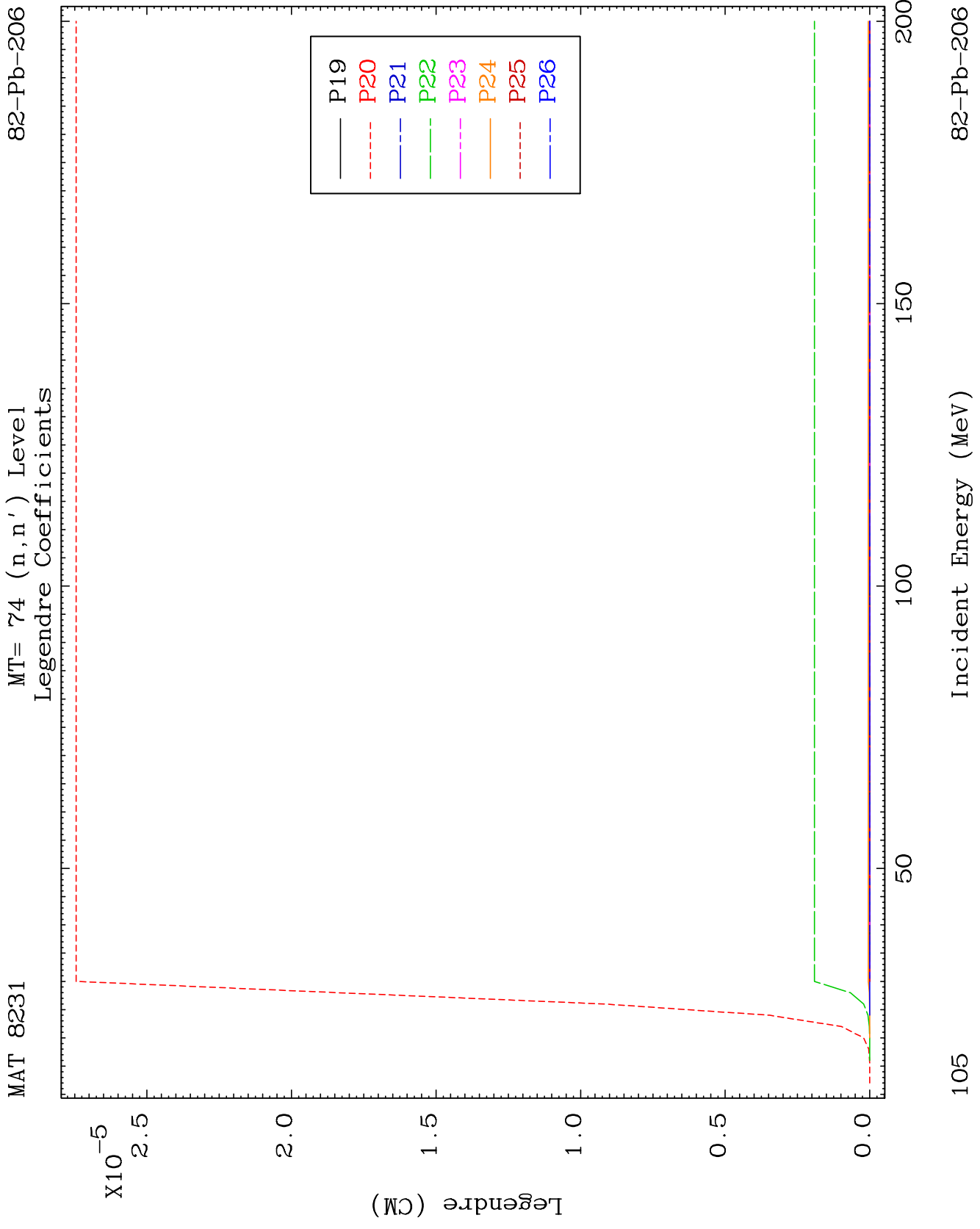


82-Pb-206

Incident Energy (MeV)

103

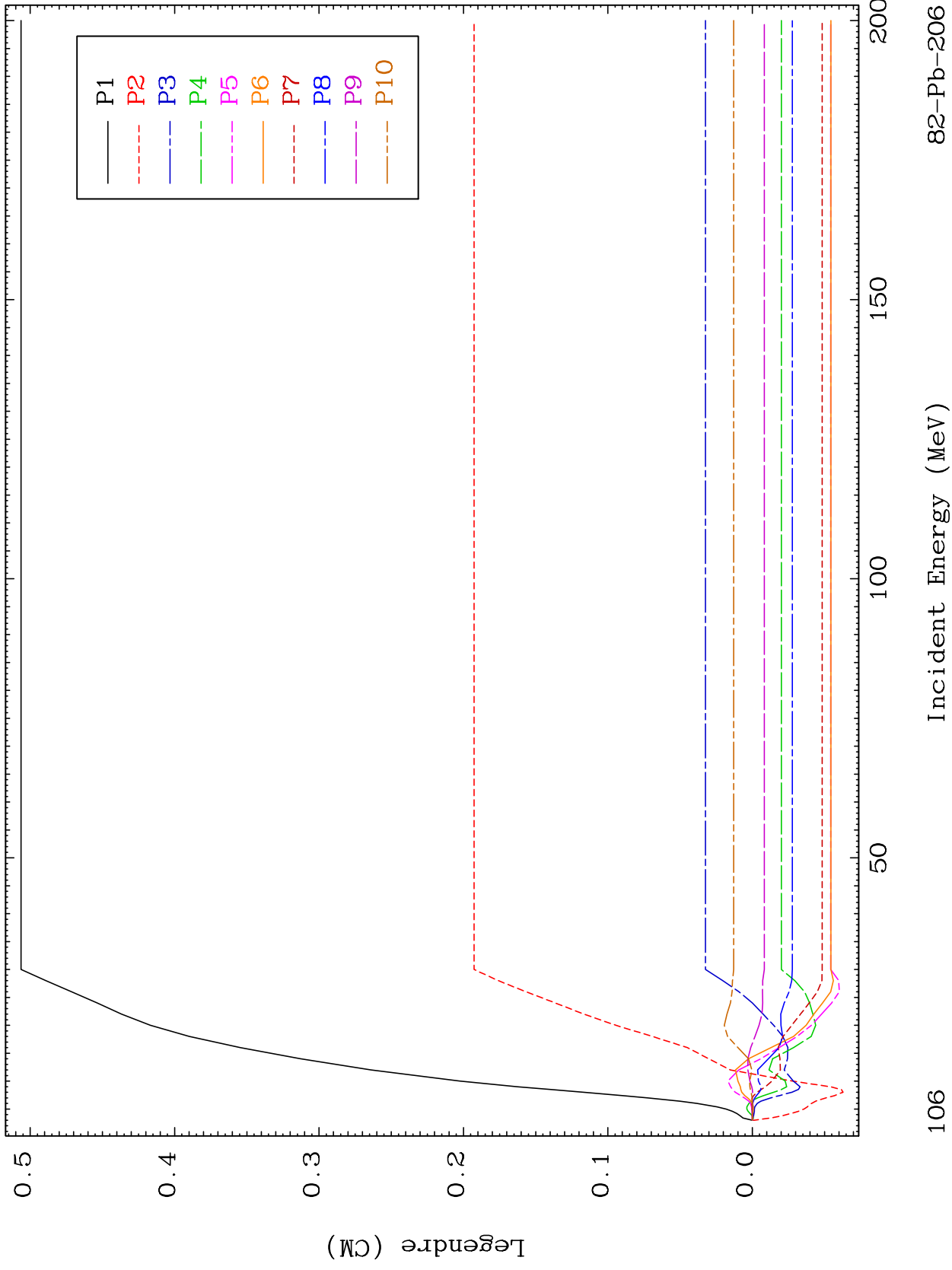




MAT 8231

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

82-Pb-206



106

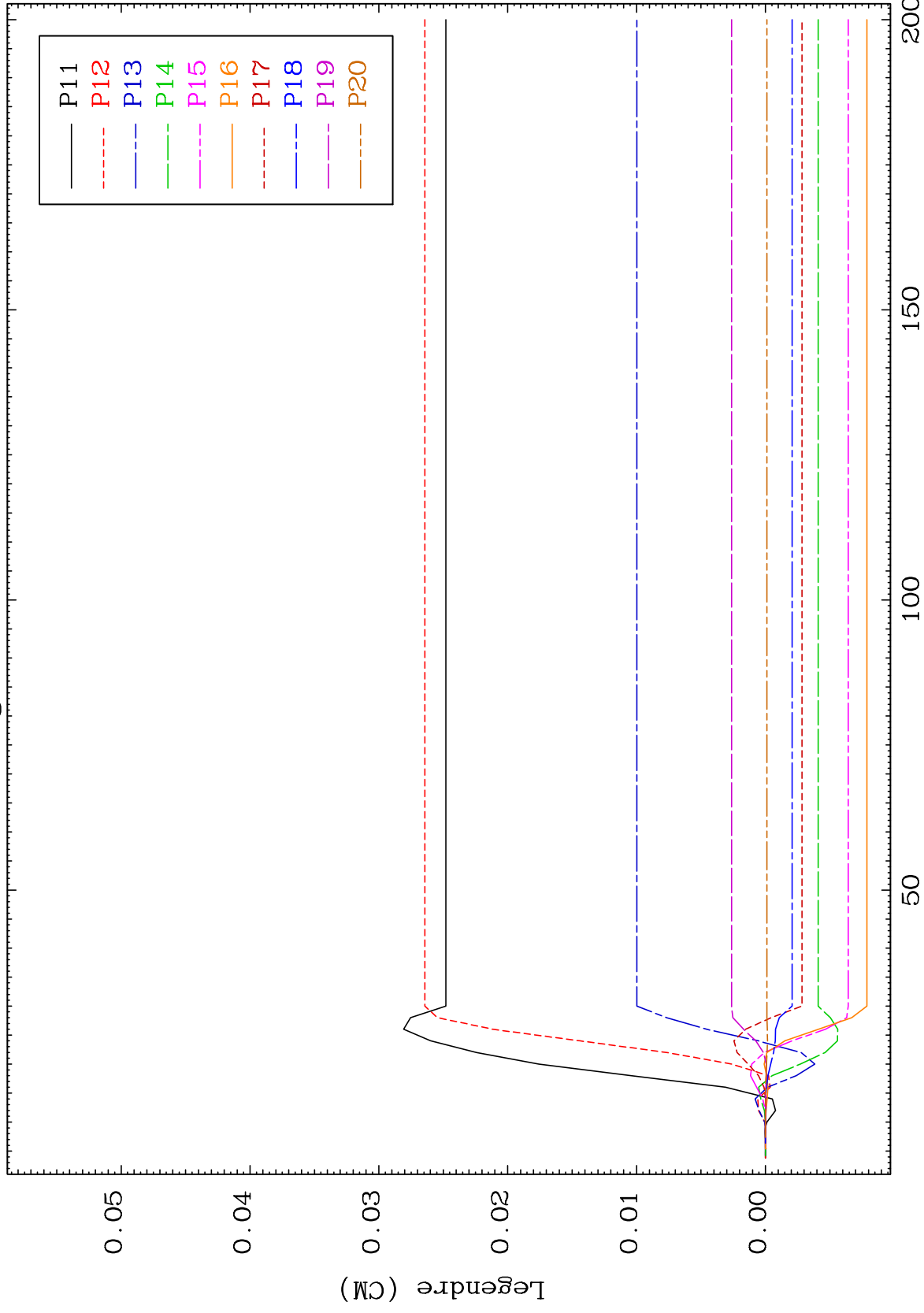
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



107

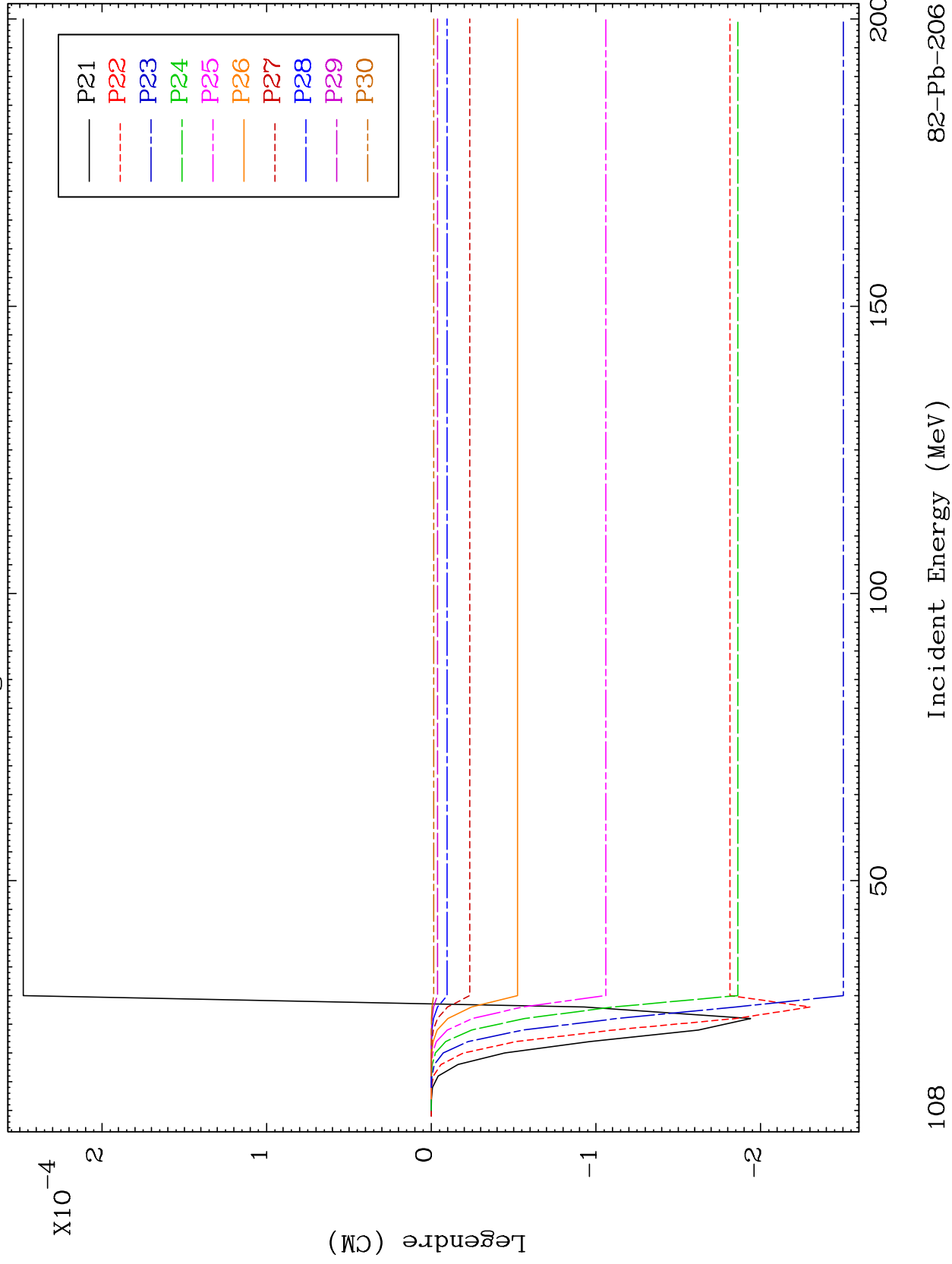
Incident Energy (MeV)

82-Pb-206

MAT 8231

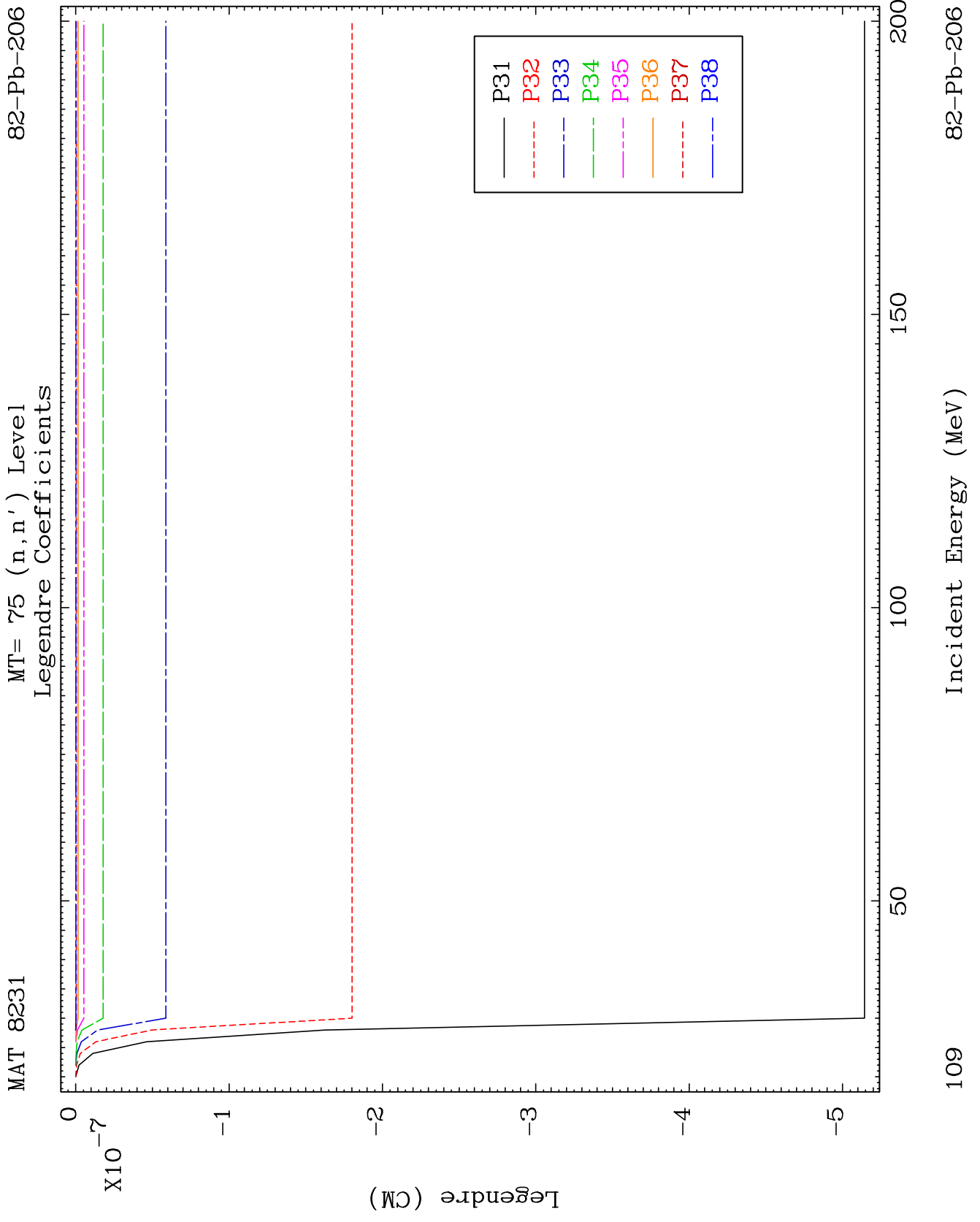
MT= 75 (n,n') Level
Legendre Coefficients

82-Pb-206



108

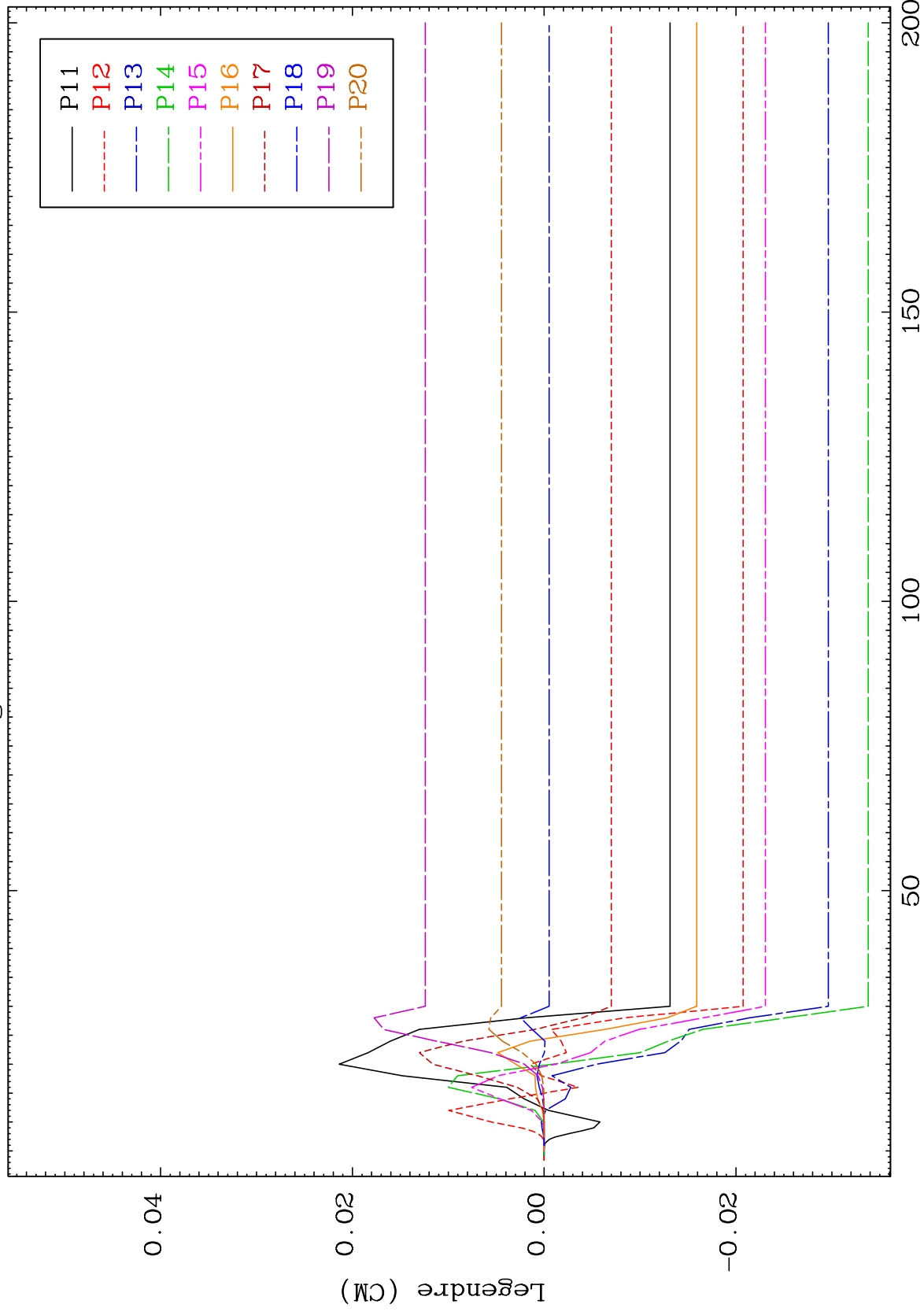
82-Pb-206



MAT 8231

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

82-Pb-206



111

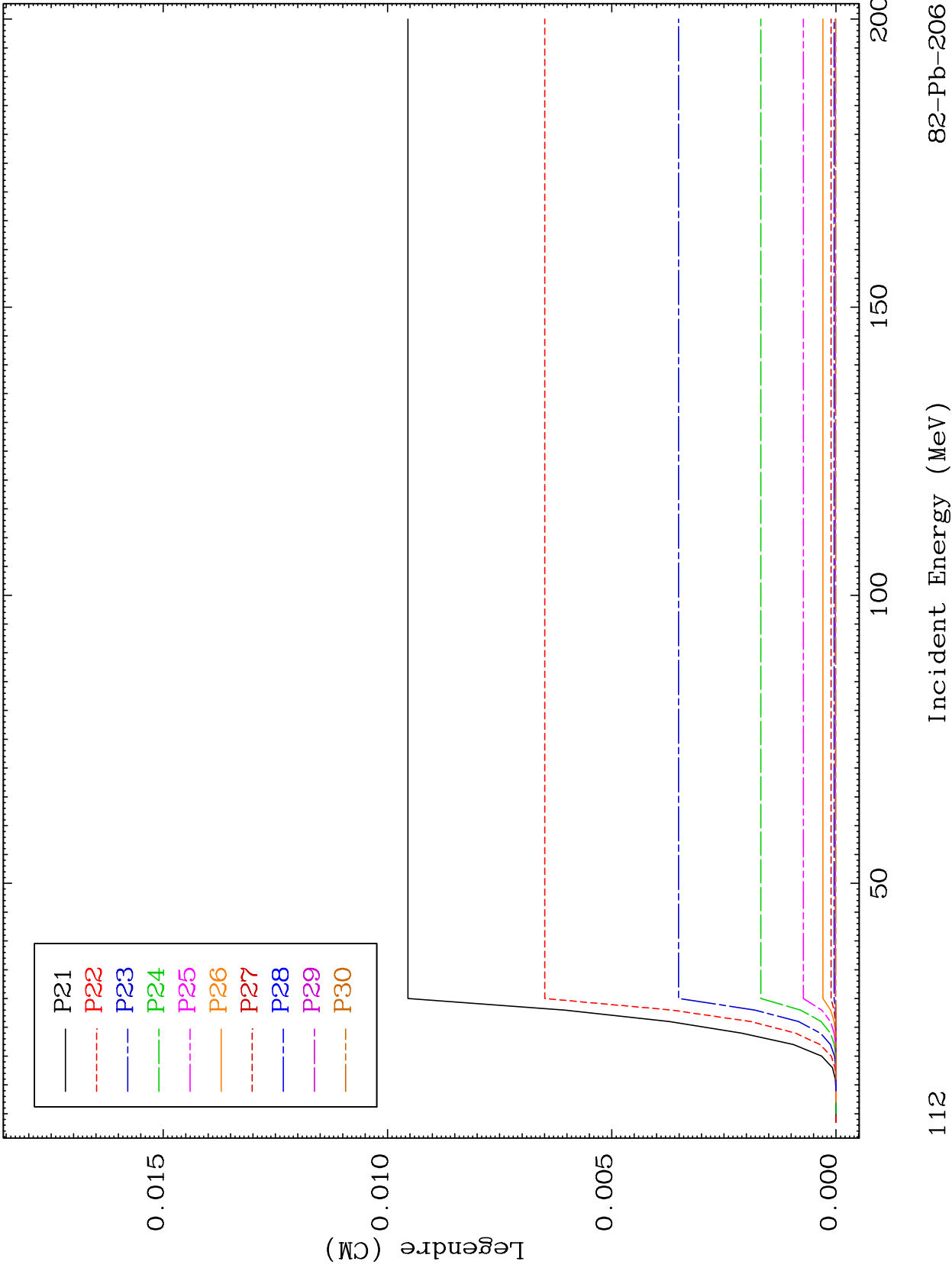
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



112

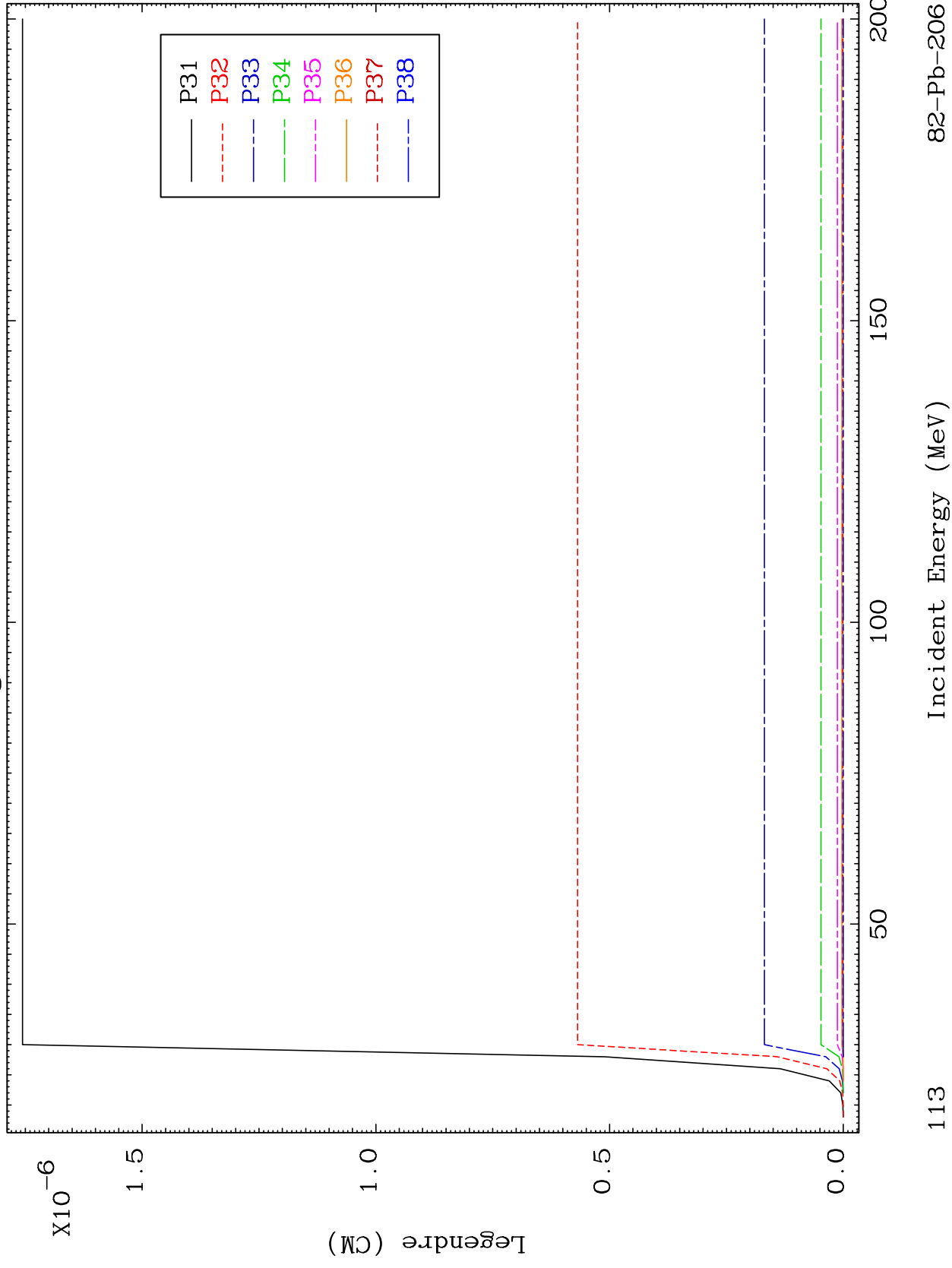
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

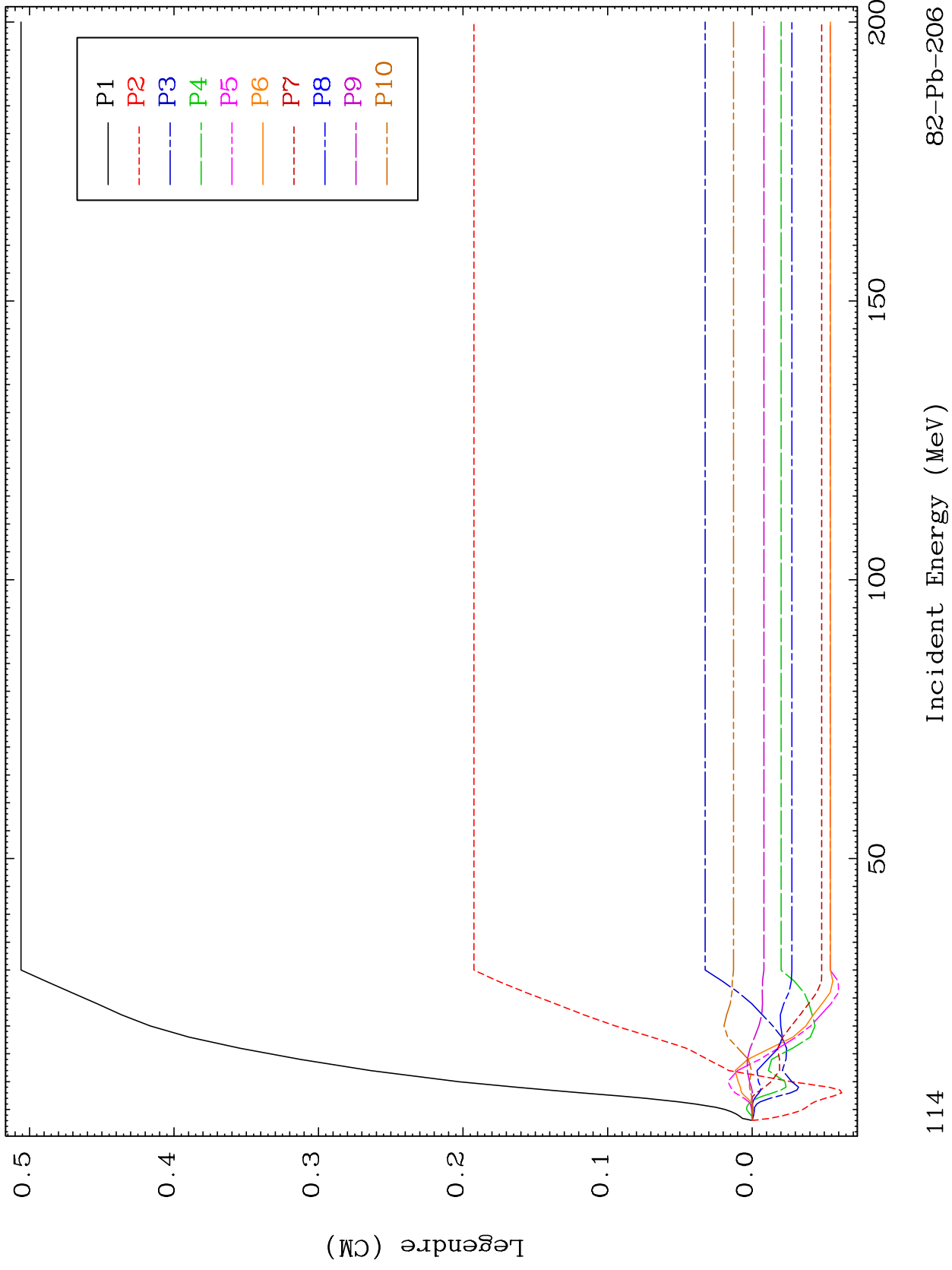
82-Pb-206



MAT 8231

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

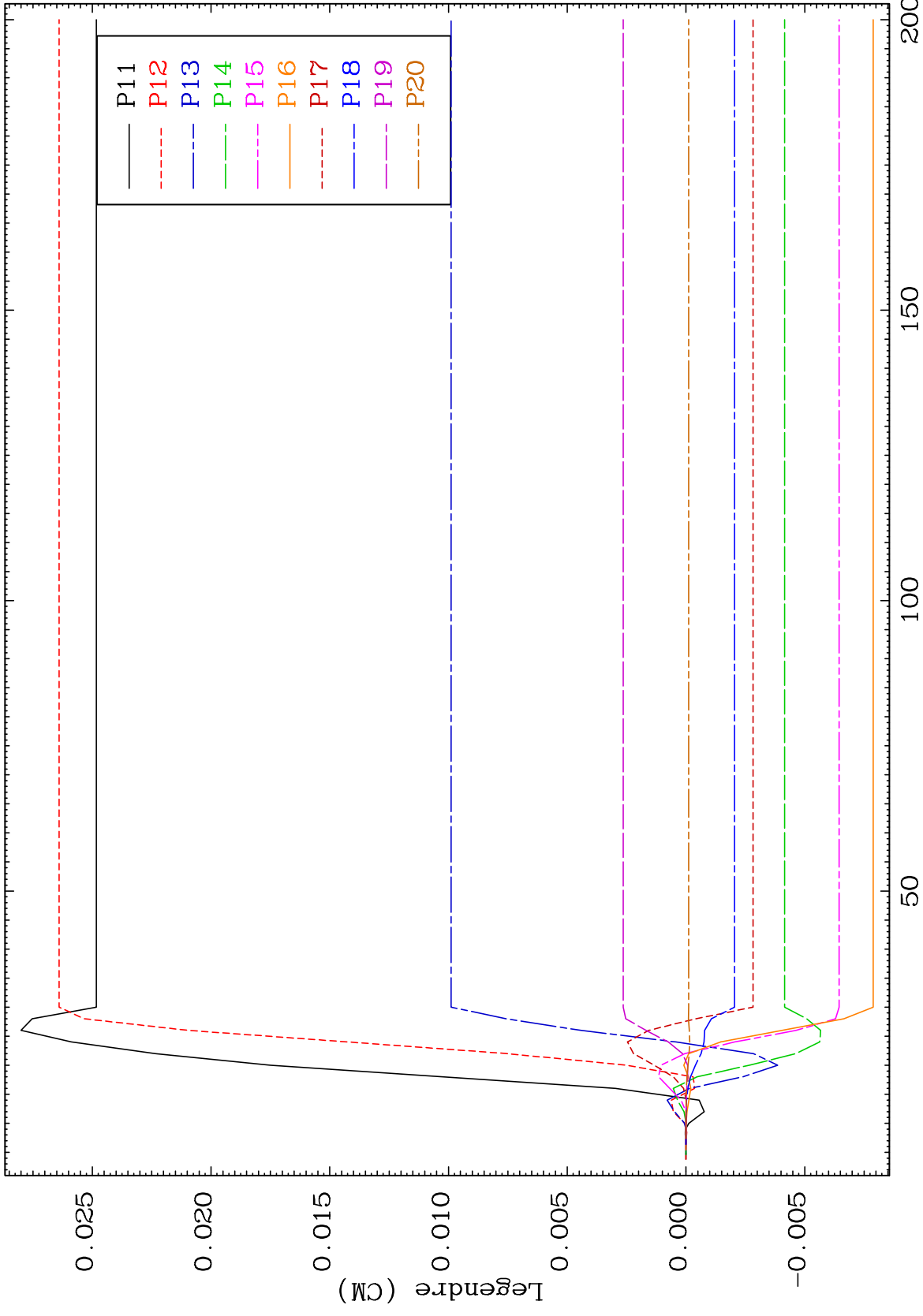
82-Pb-206



MAT 8231

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

82-Pb-206



115

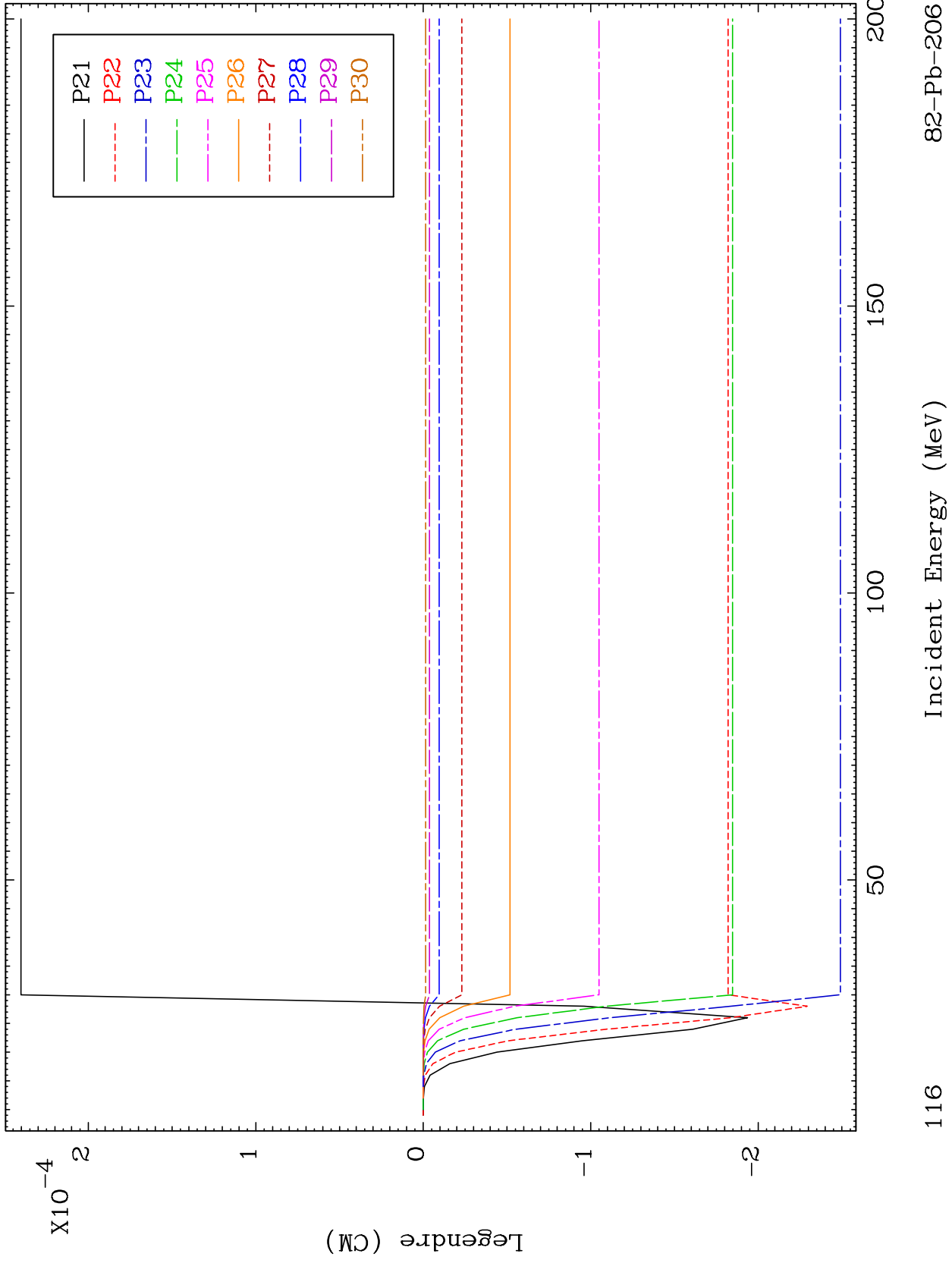
Incident Energy (MeV)

82-Pb-206

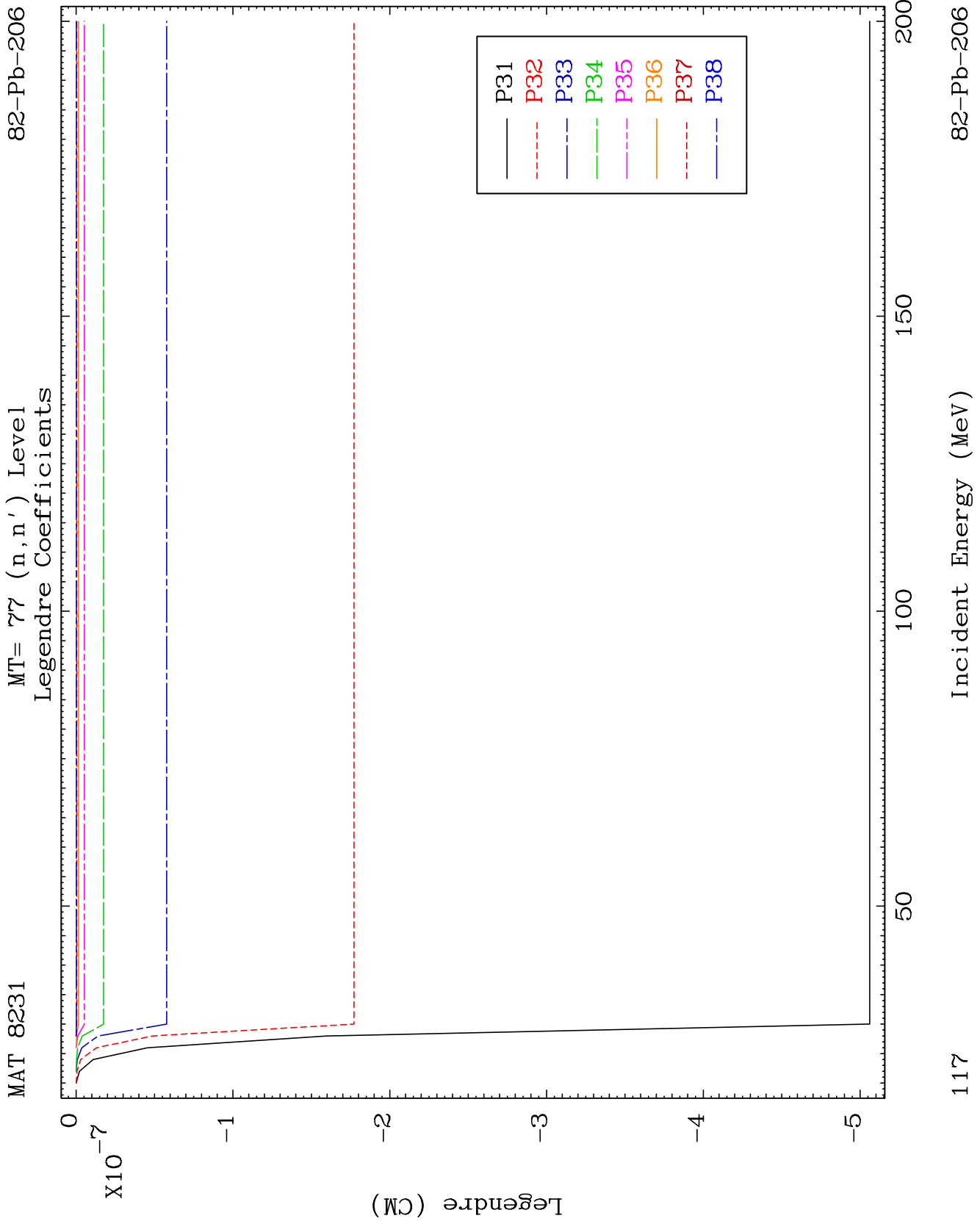
MAT 8231

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

82-Pb-206



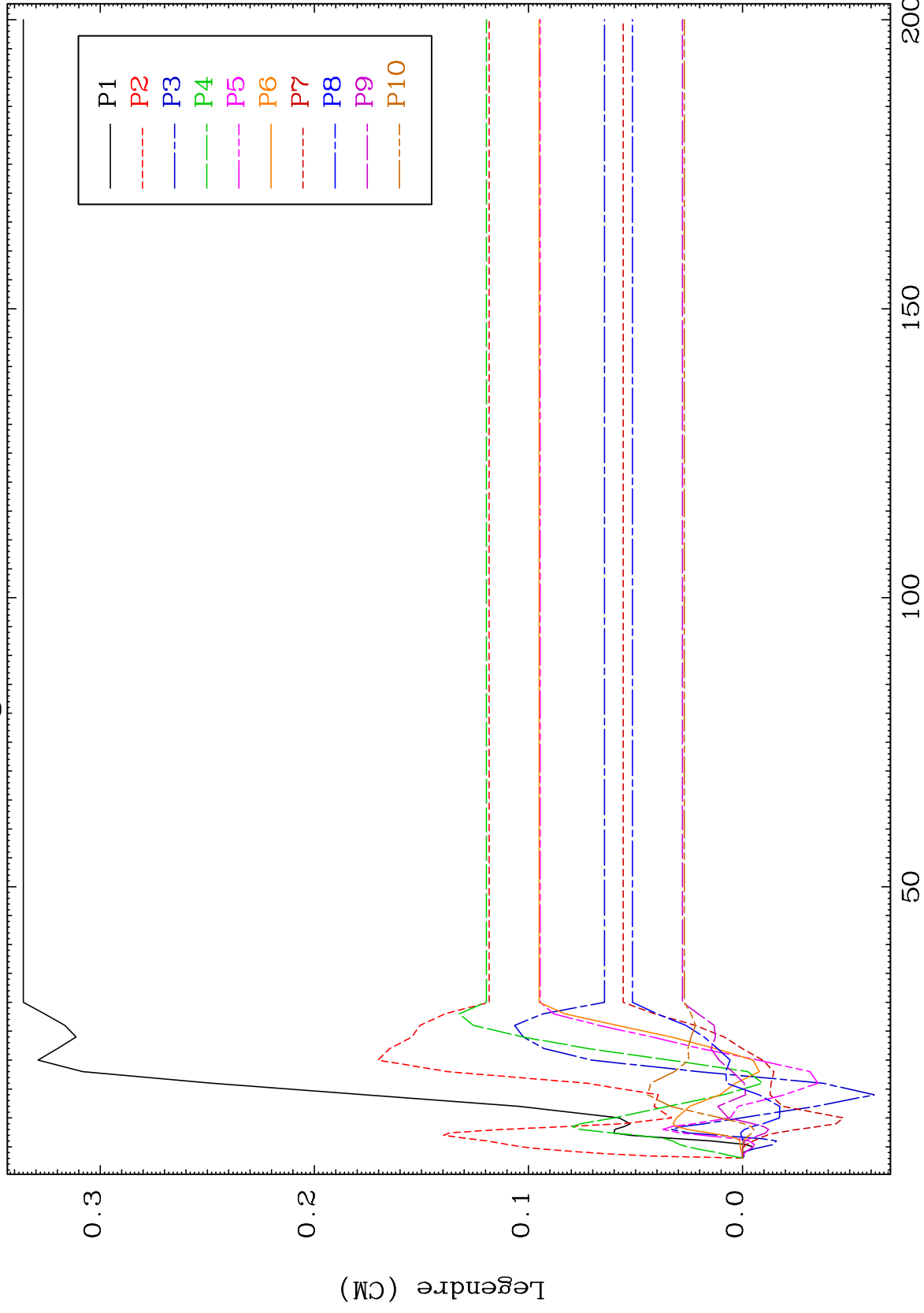
116



MAT 8231

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

82-Pb-206



118

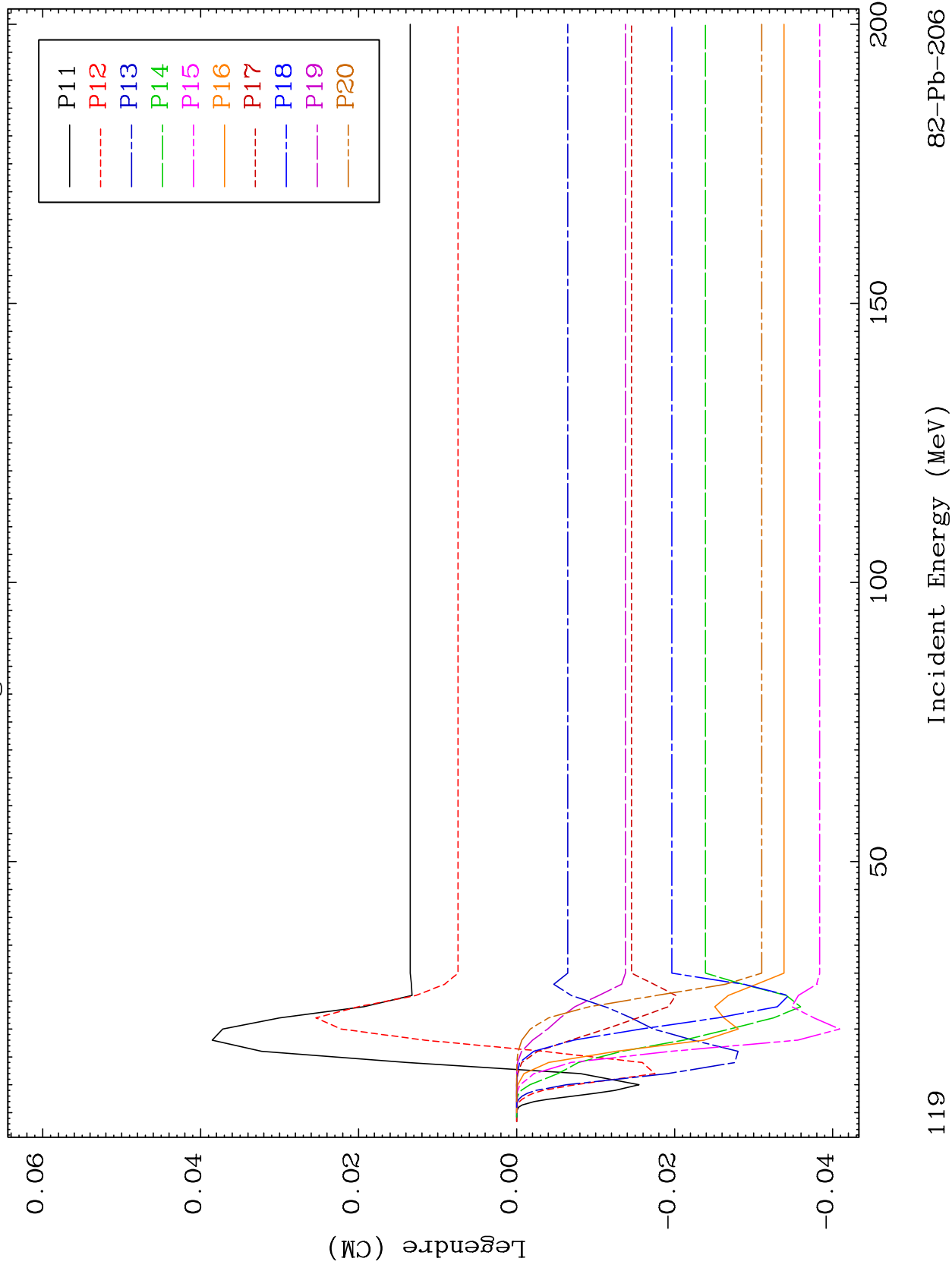
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

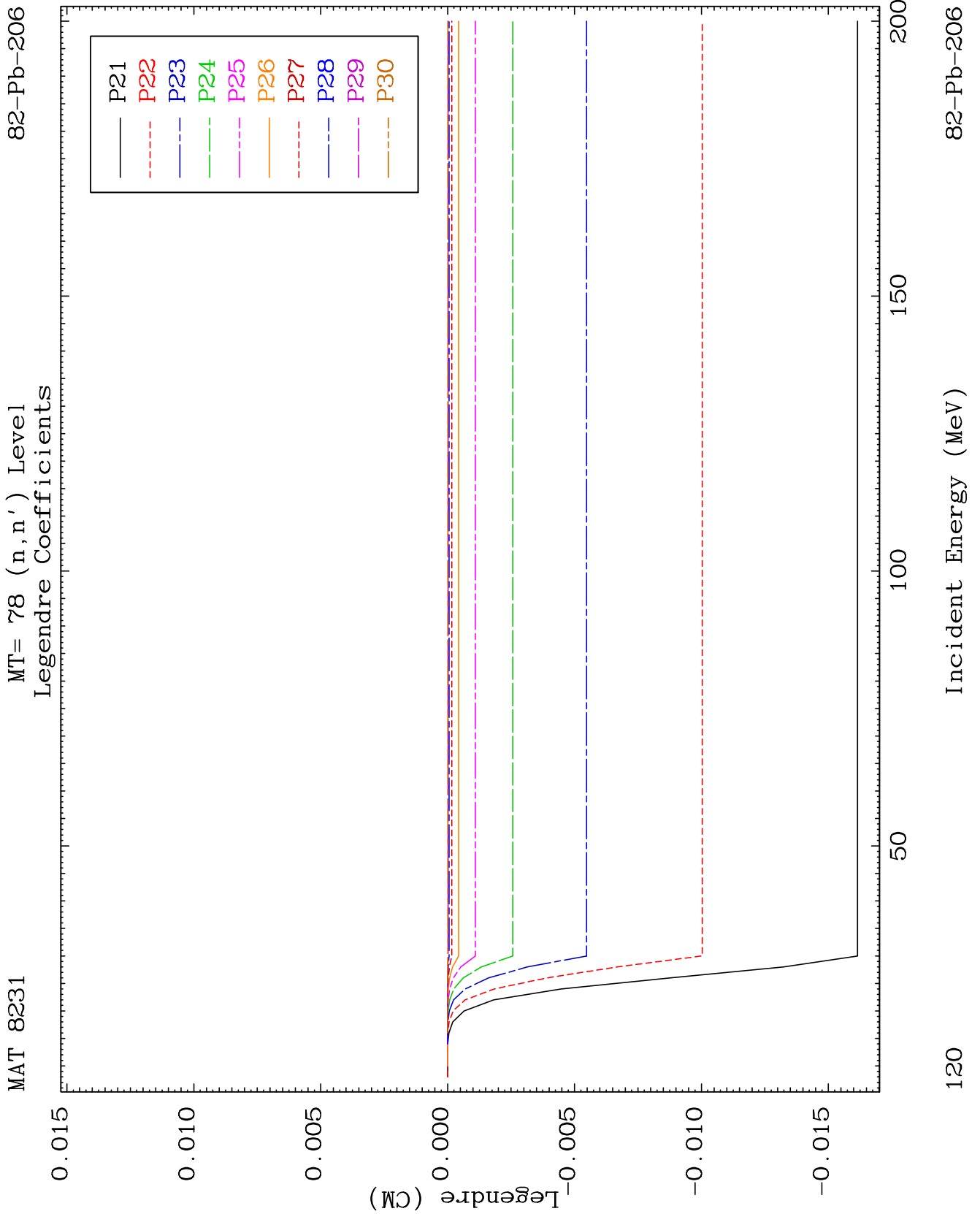
82-Pb-206

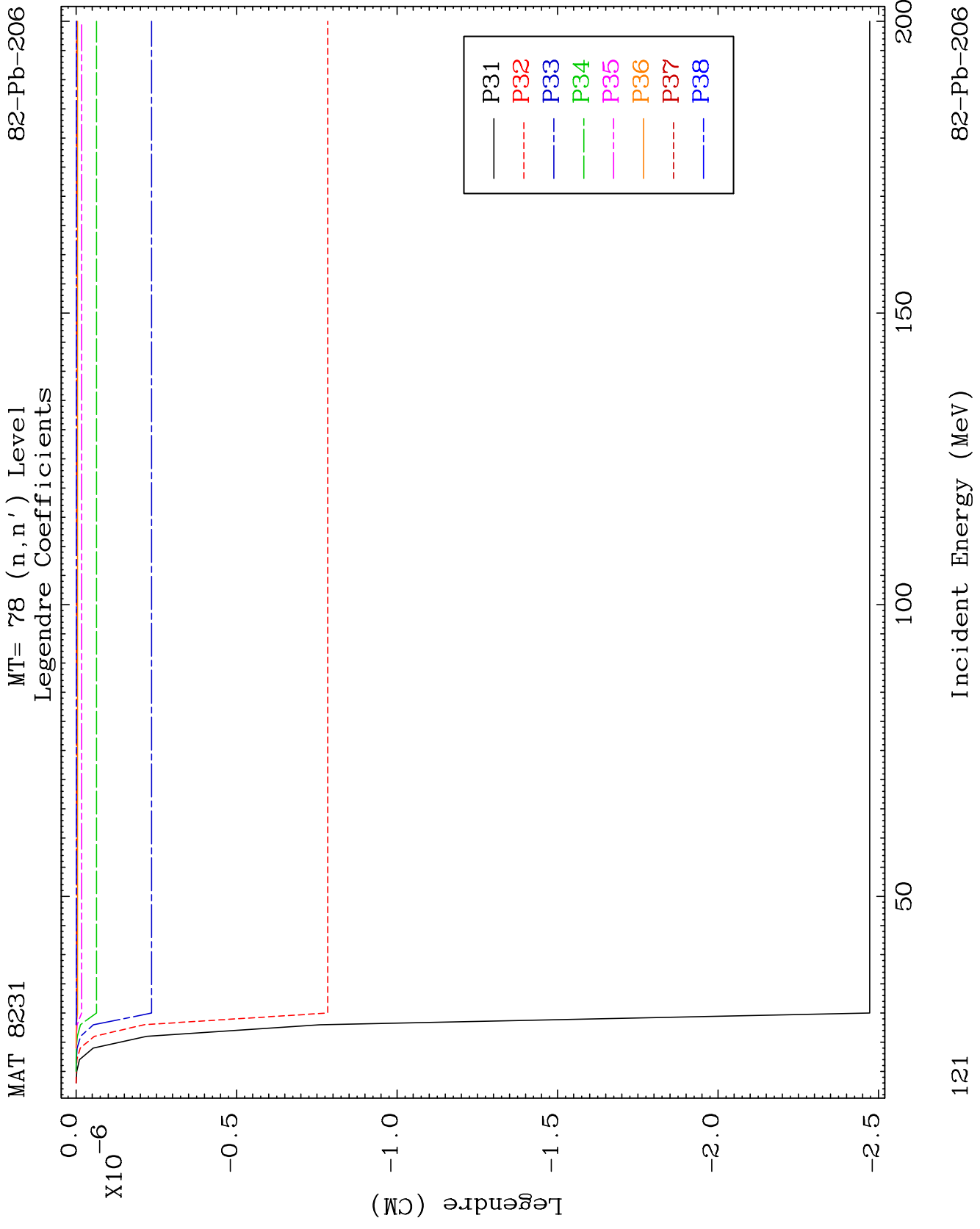


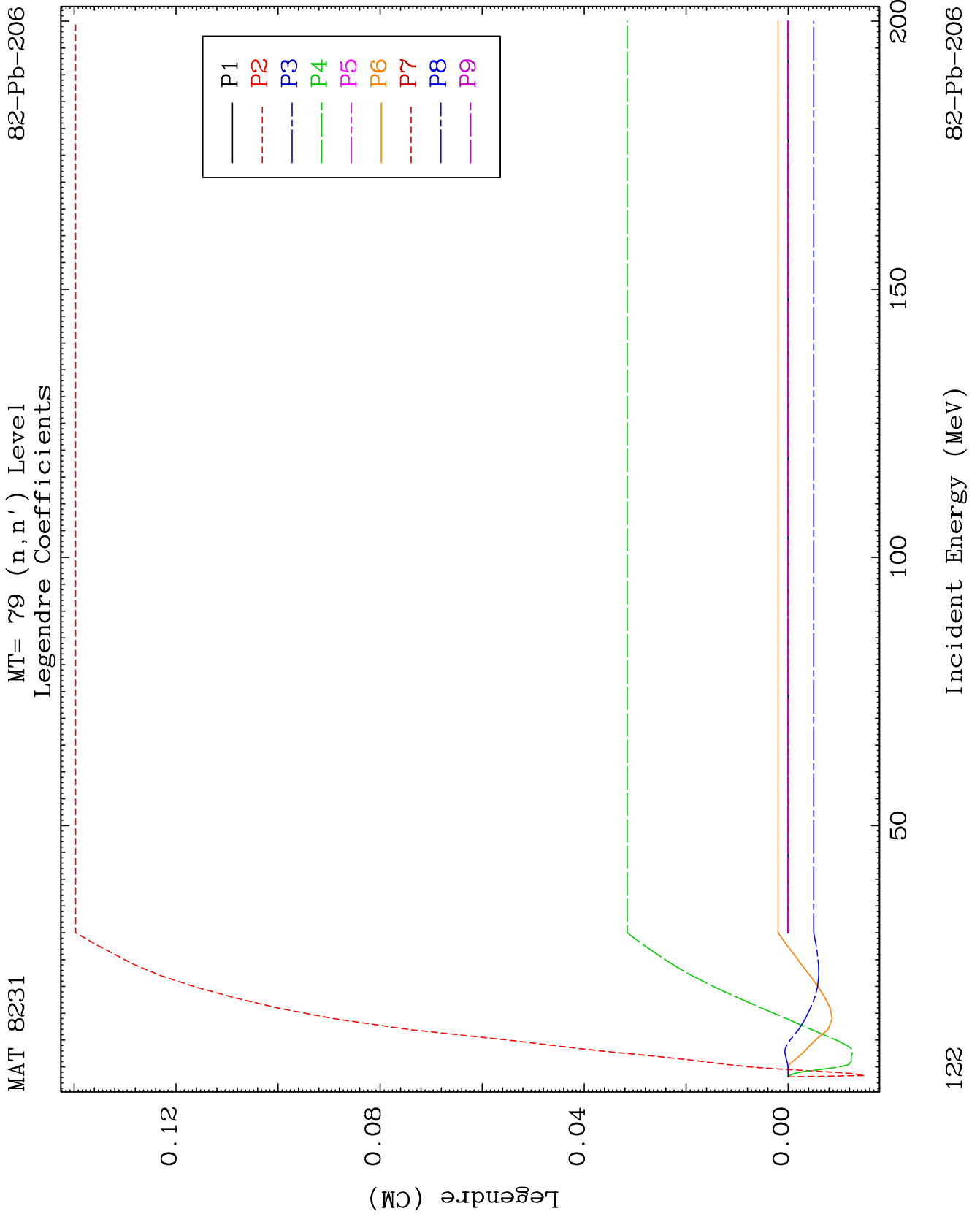
119

Incident Energy (MeV)

82-Pb-206



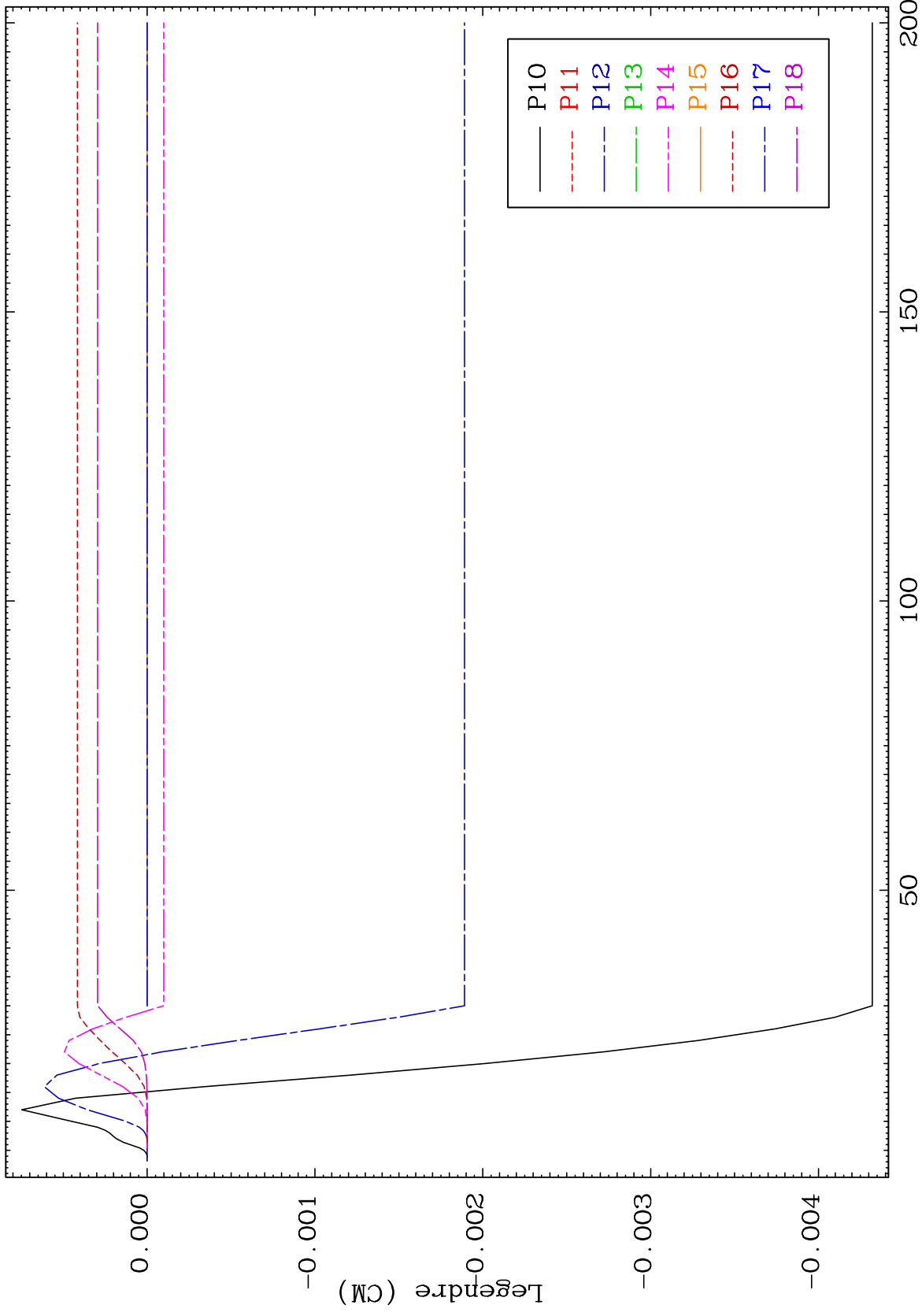


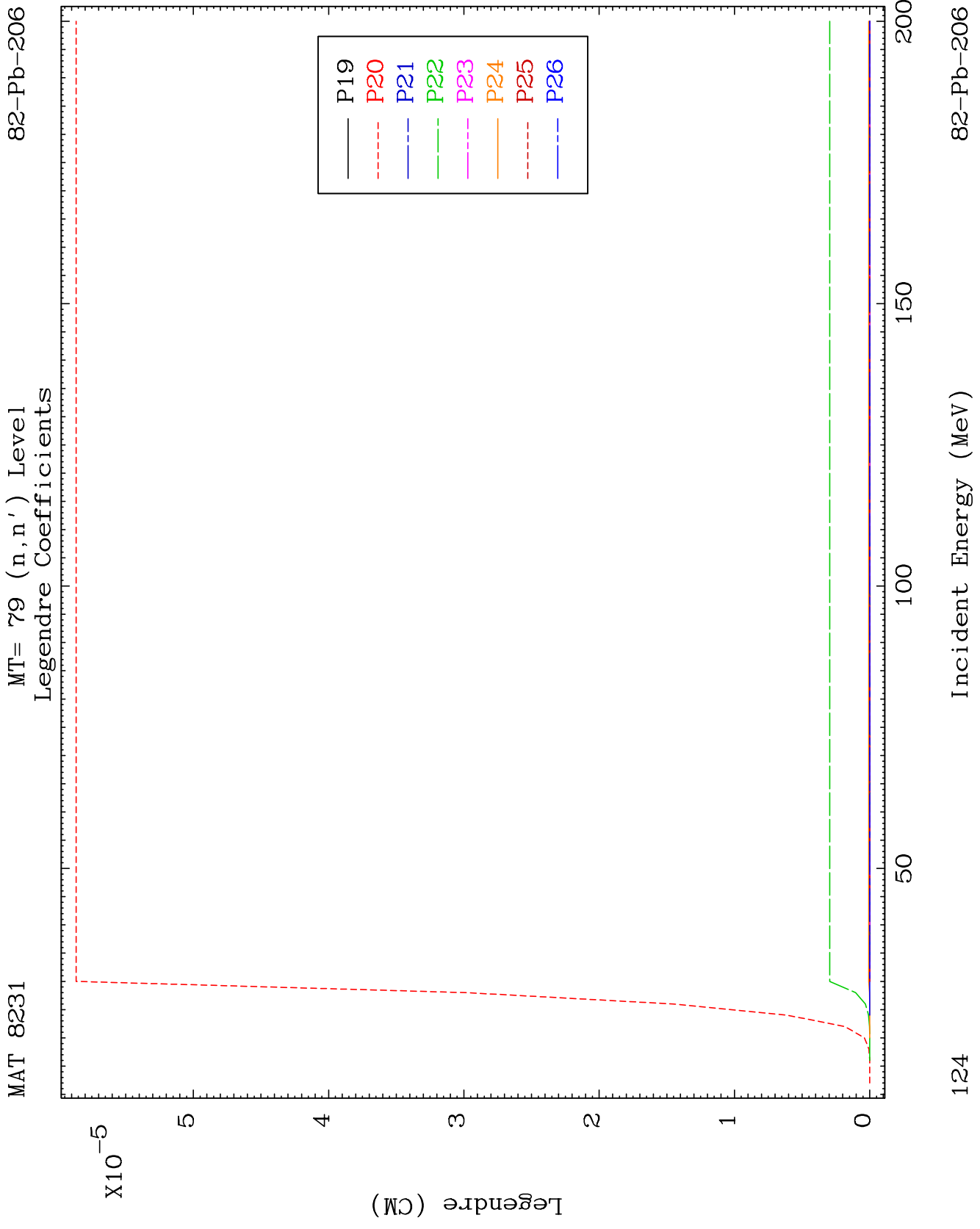


MAT 8231

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

82-Pb-206

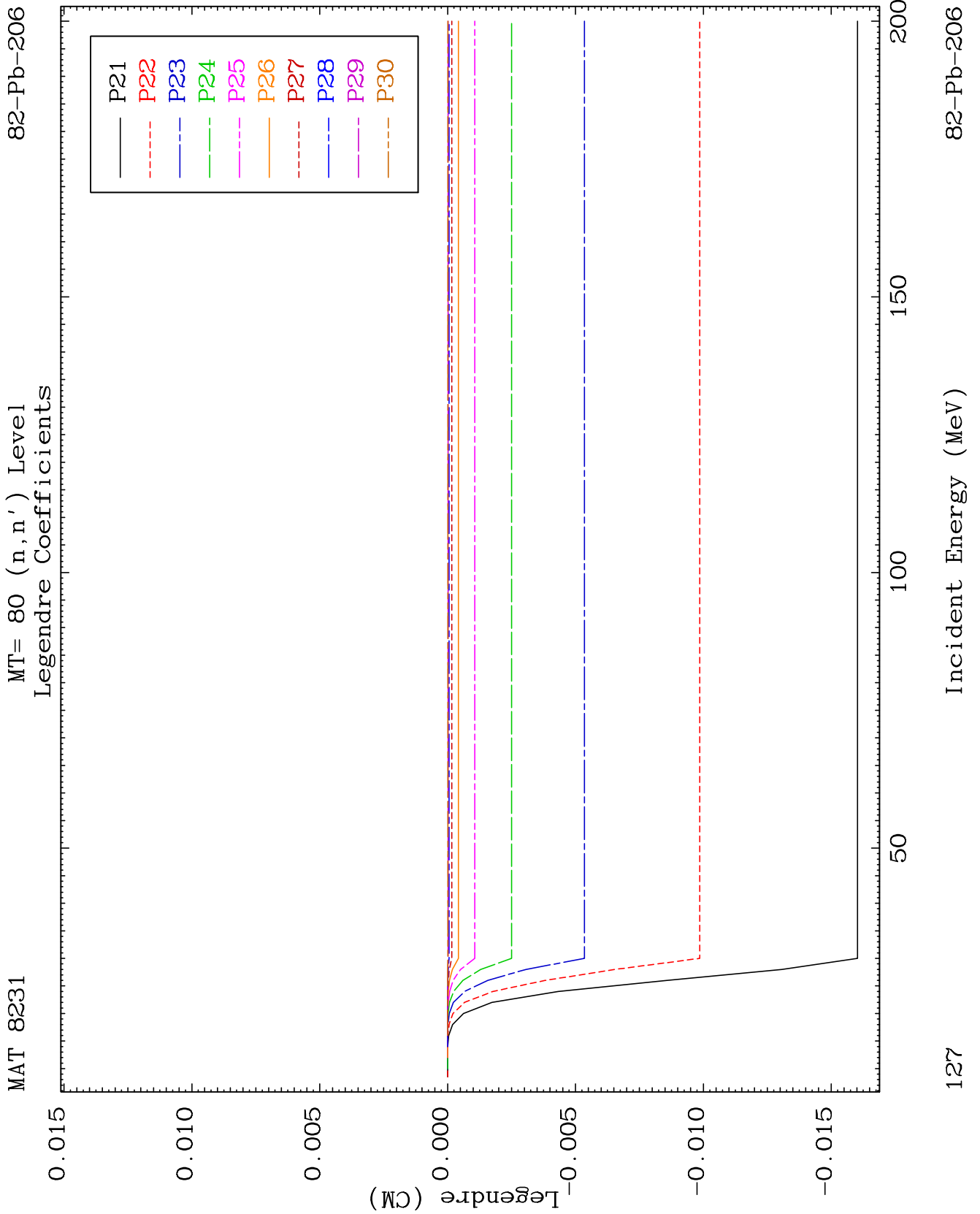


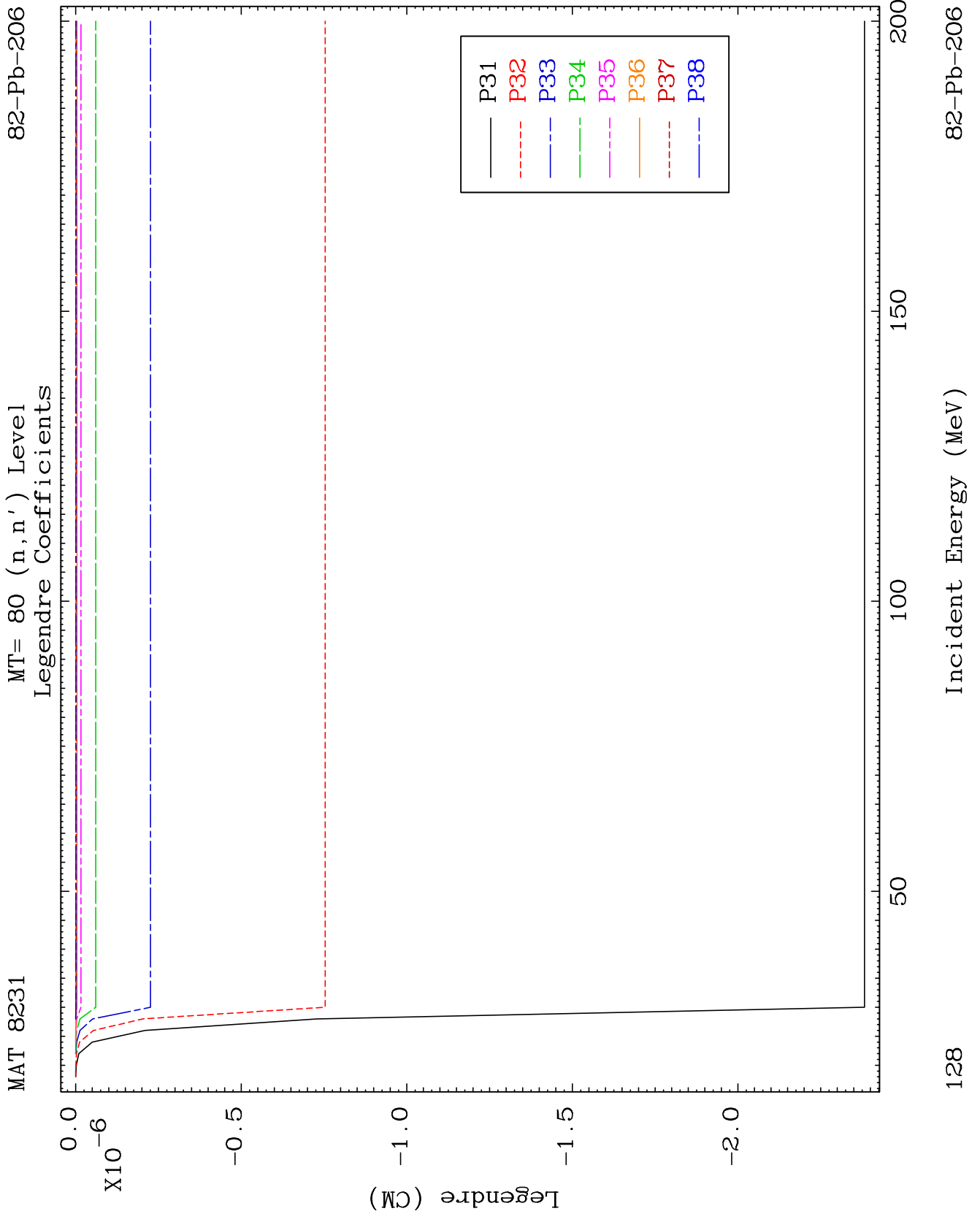


82-Pb-206

Incident Energy (MeV)

124

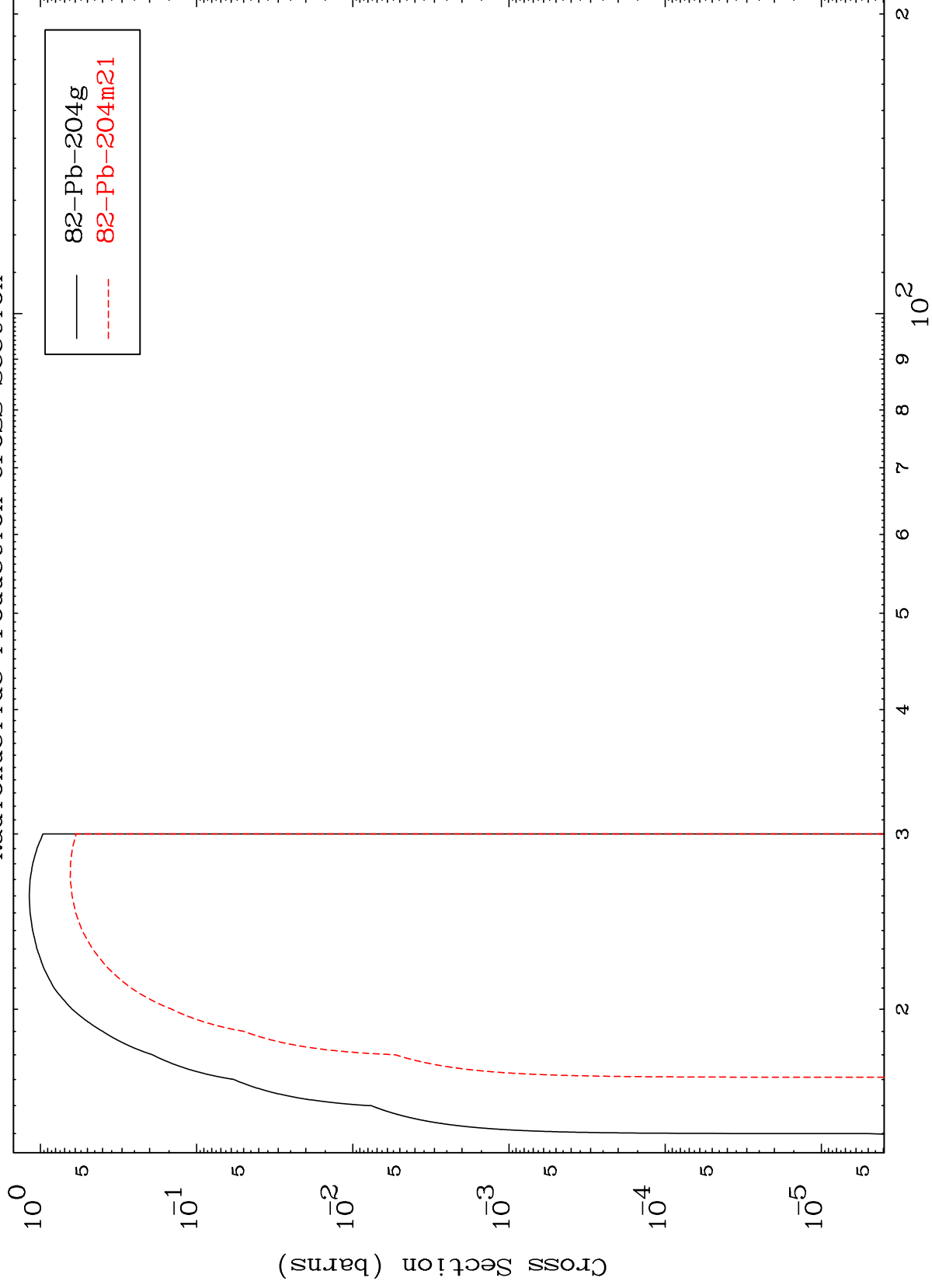




MAT 8231

82-Pb-206

(n,3n)
Radionuclide Production Cross Section



129

82-Pb-206

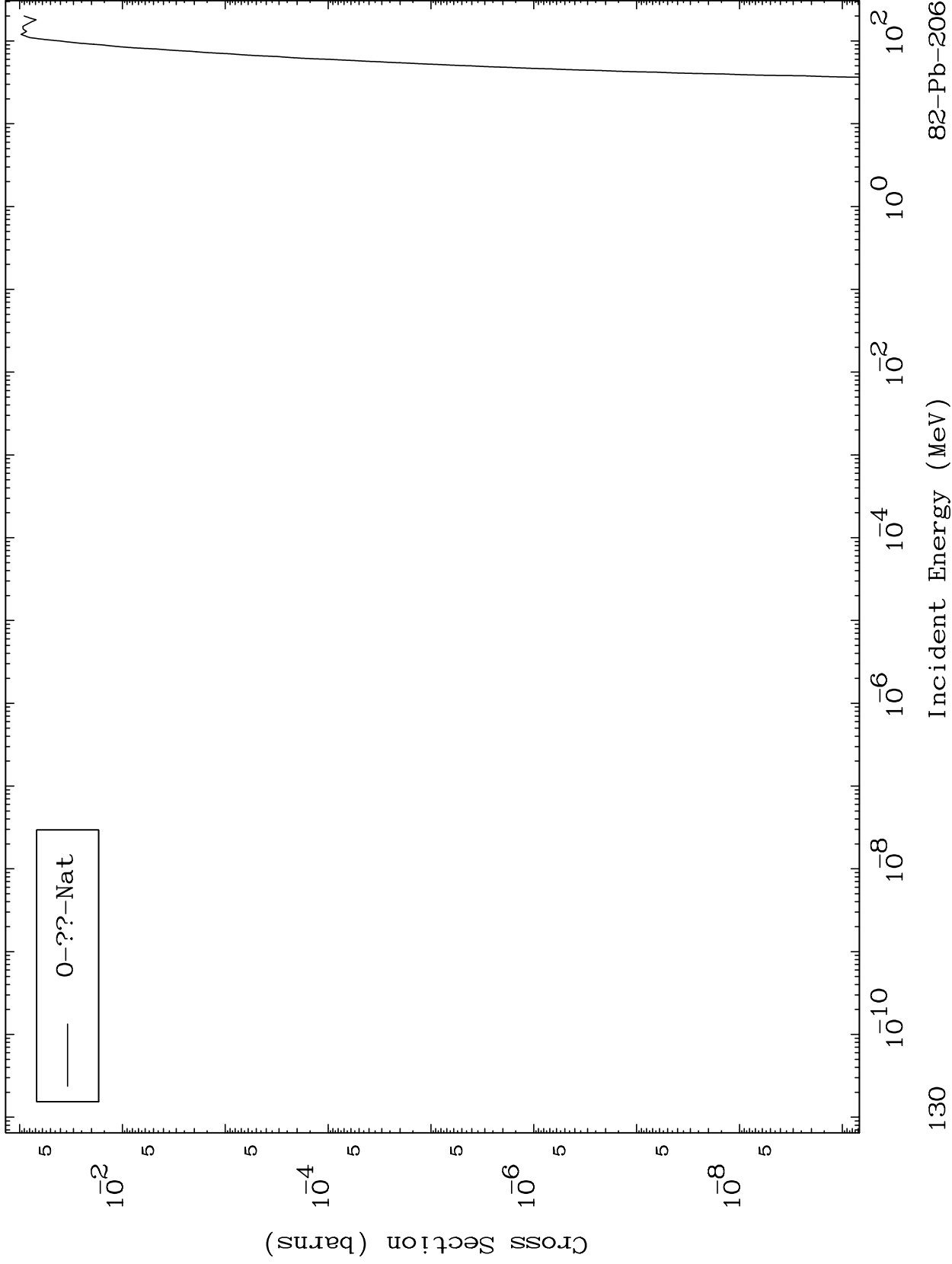
Incident Energy (MeV)

MAT 8231

Fission

82-Pb-206

Radionuclide Production Cross Section

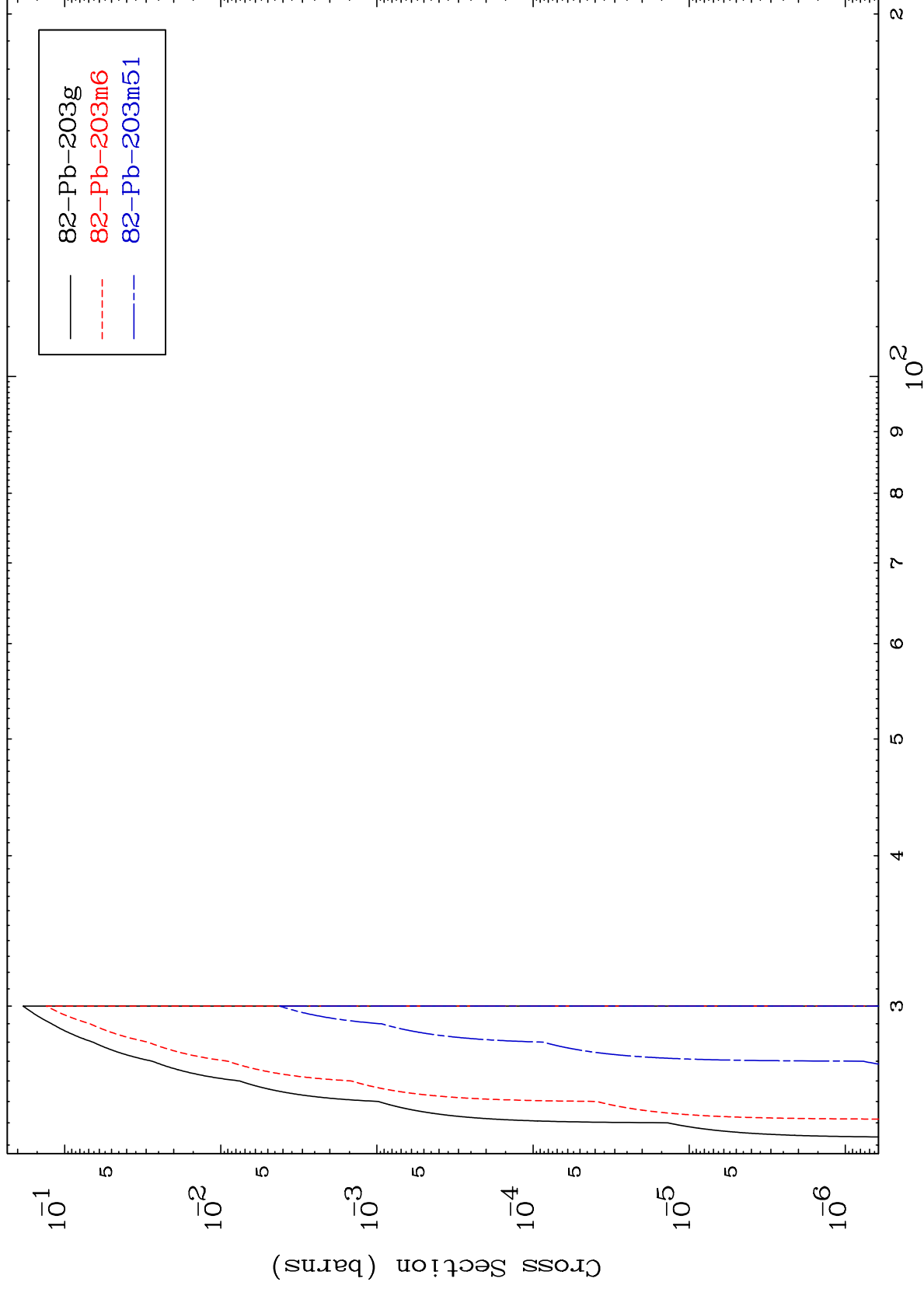


MAT 8231

(n,4n)

82-Pb-206

Radionuclide Production Cross Section



131

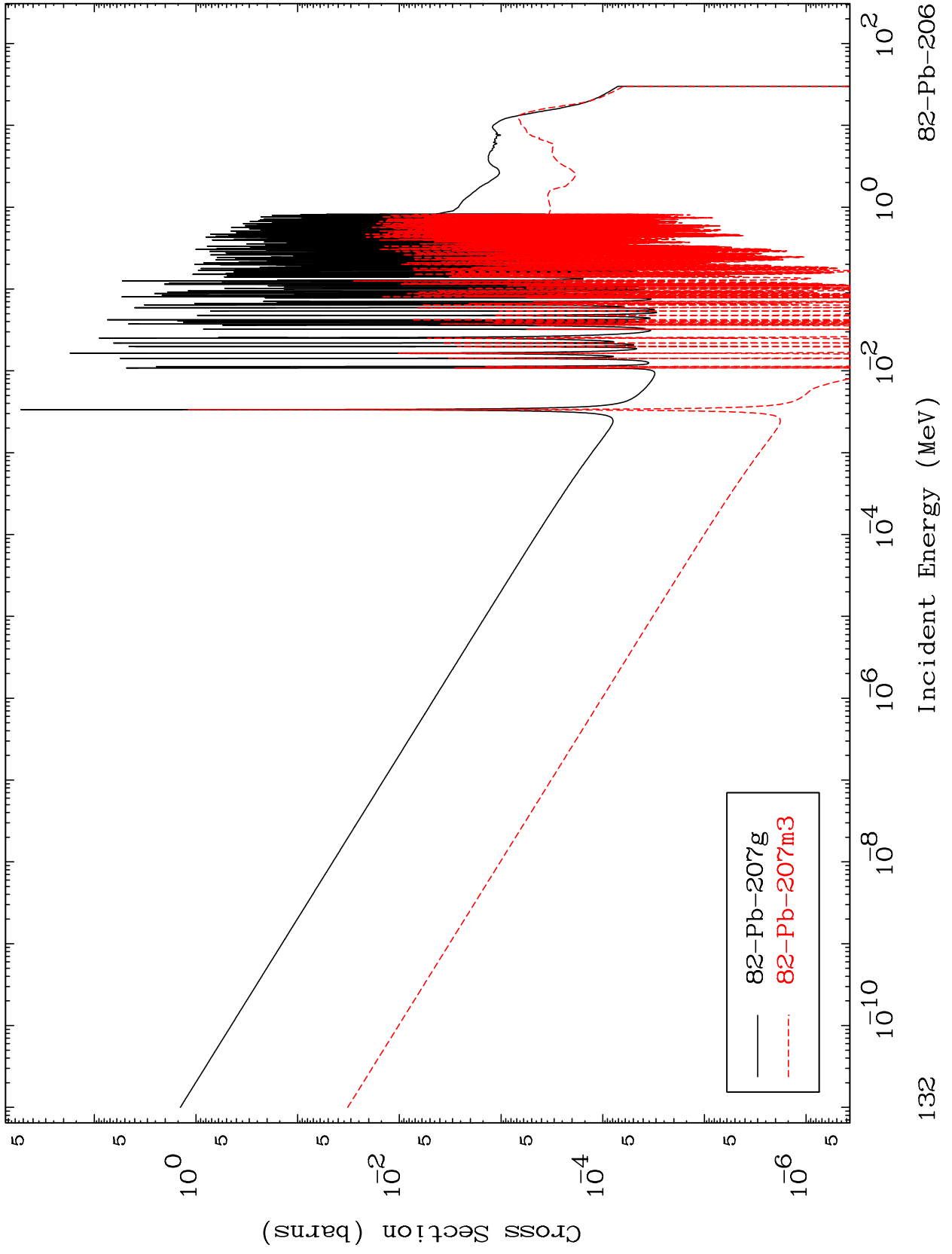
Incident Energy (MeV)

82-Pb-206

MAT 8231

82-Pb-206

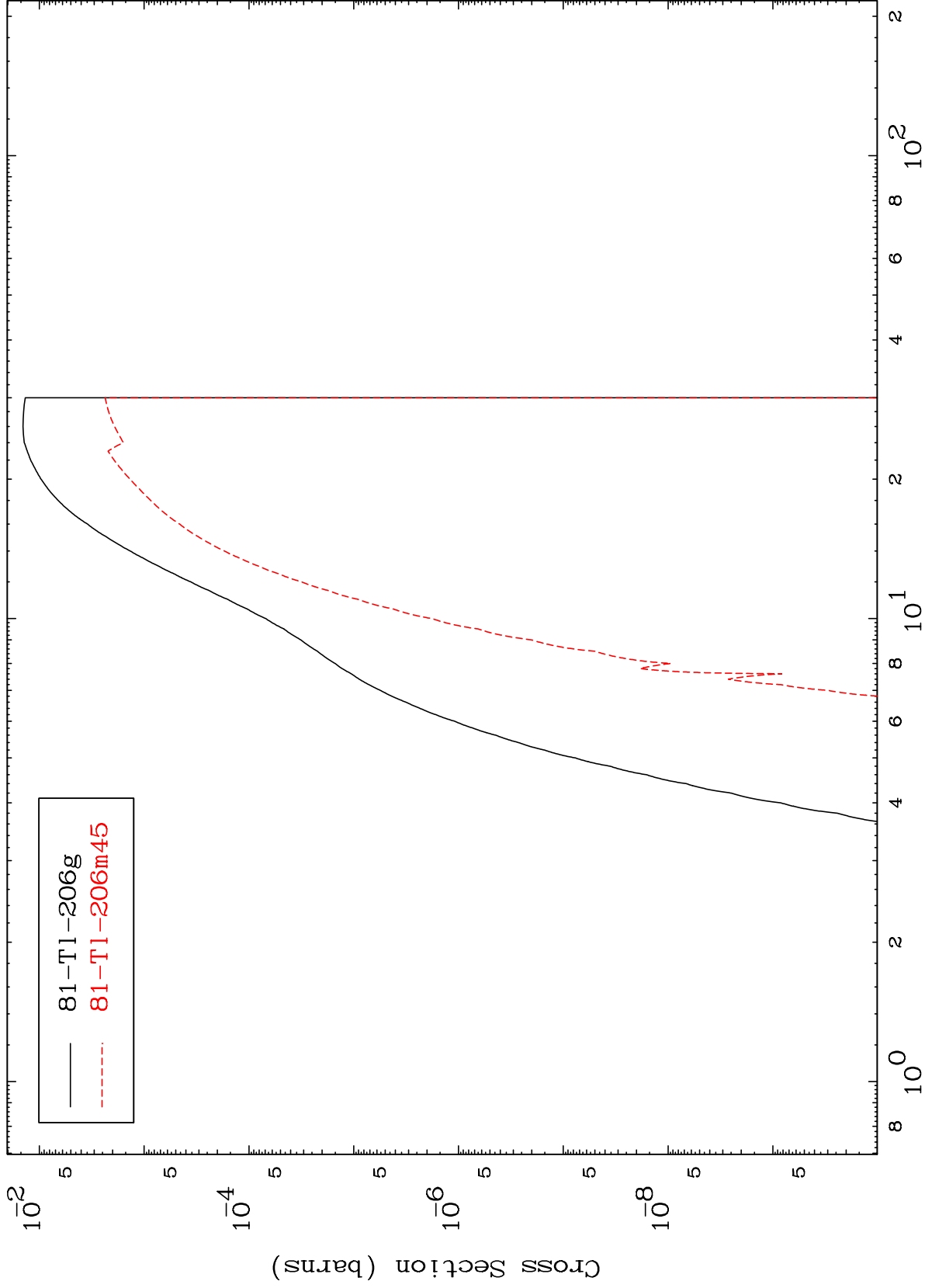
(n, γ)
Radionuclide Production Cross Section



MAT 8231

82-Pb-206

(n,p)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,2α)

82-Pb-206

Radionuclide Production Cross Section

