

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

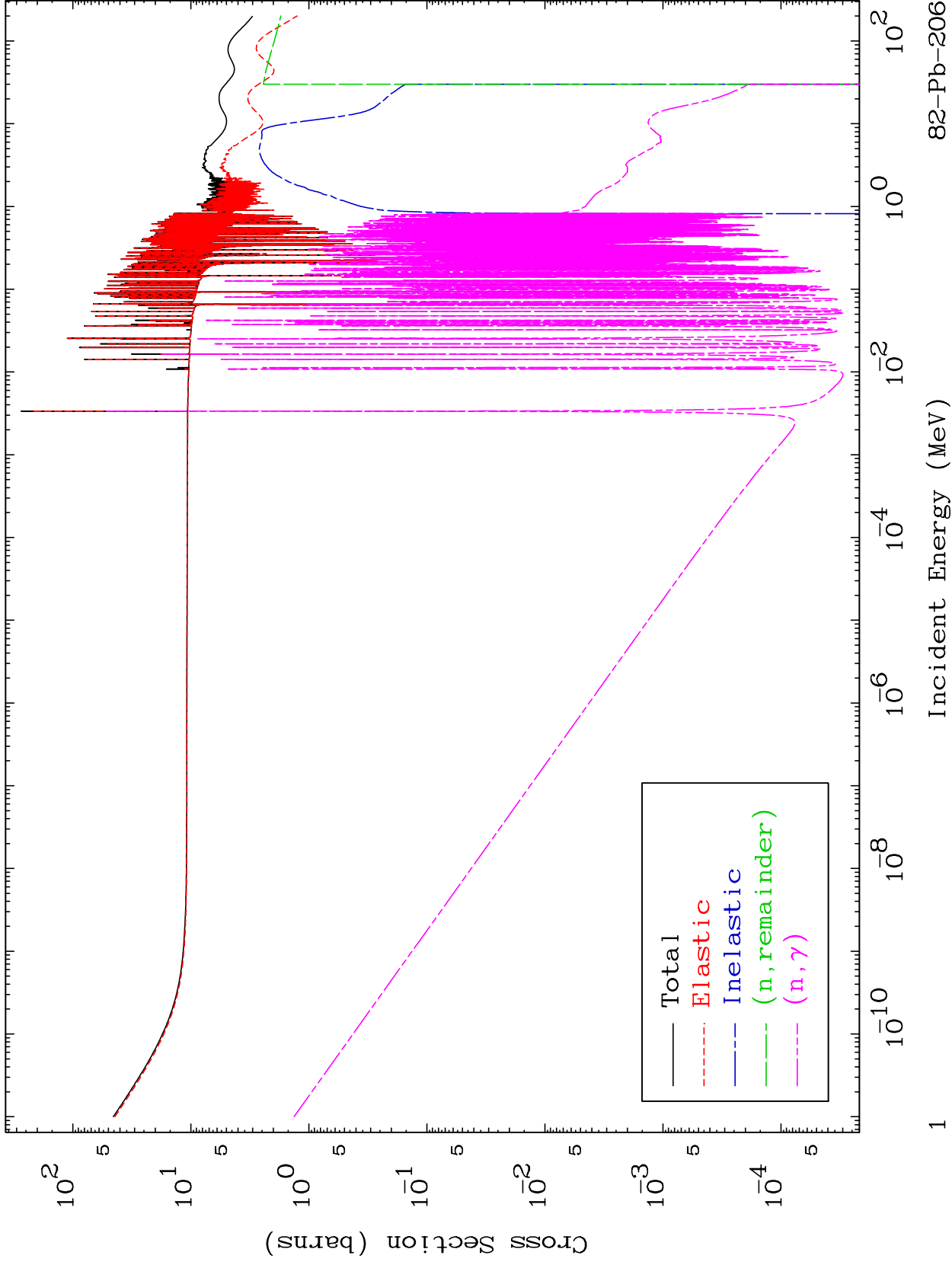
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8231

Major
293 Kelvin Cross Sections

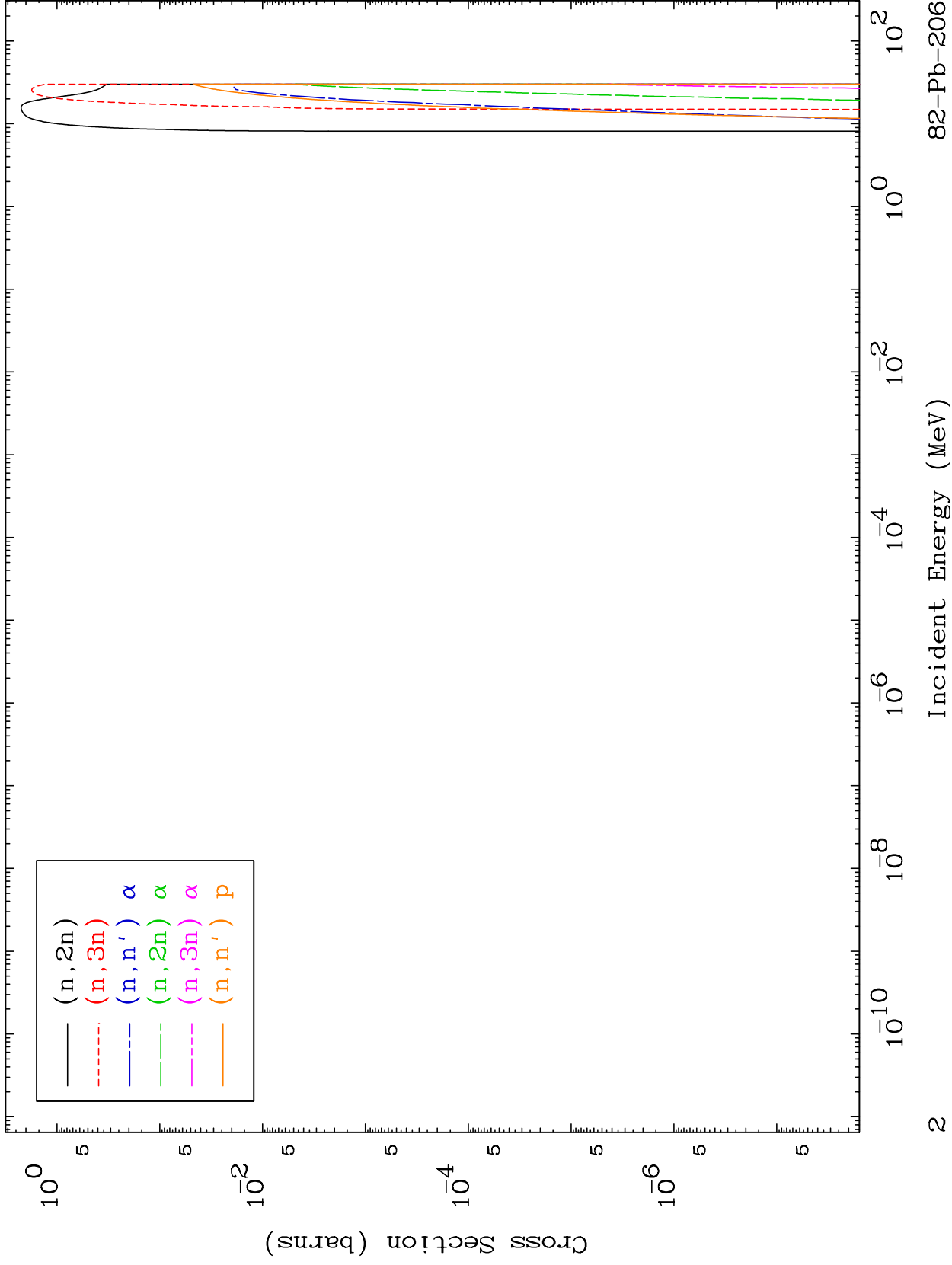
82-Pb-206

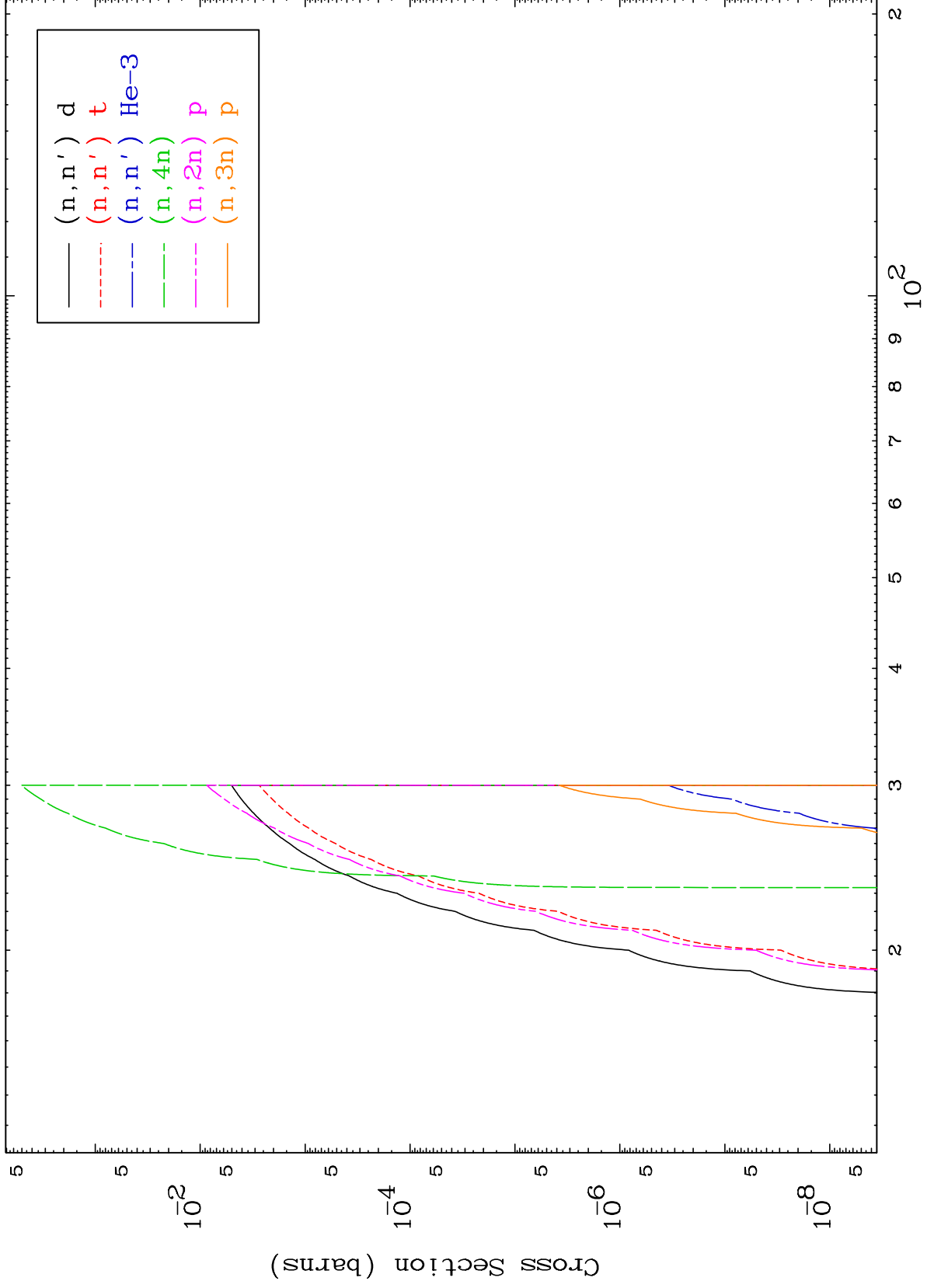


MAT 8231

Neutron Production
293 Kelvin Cross Sections

82-Pb-206

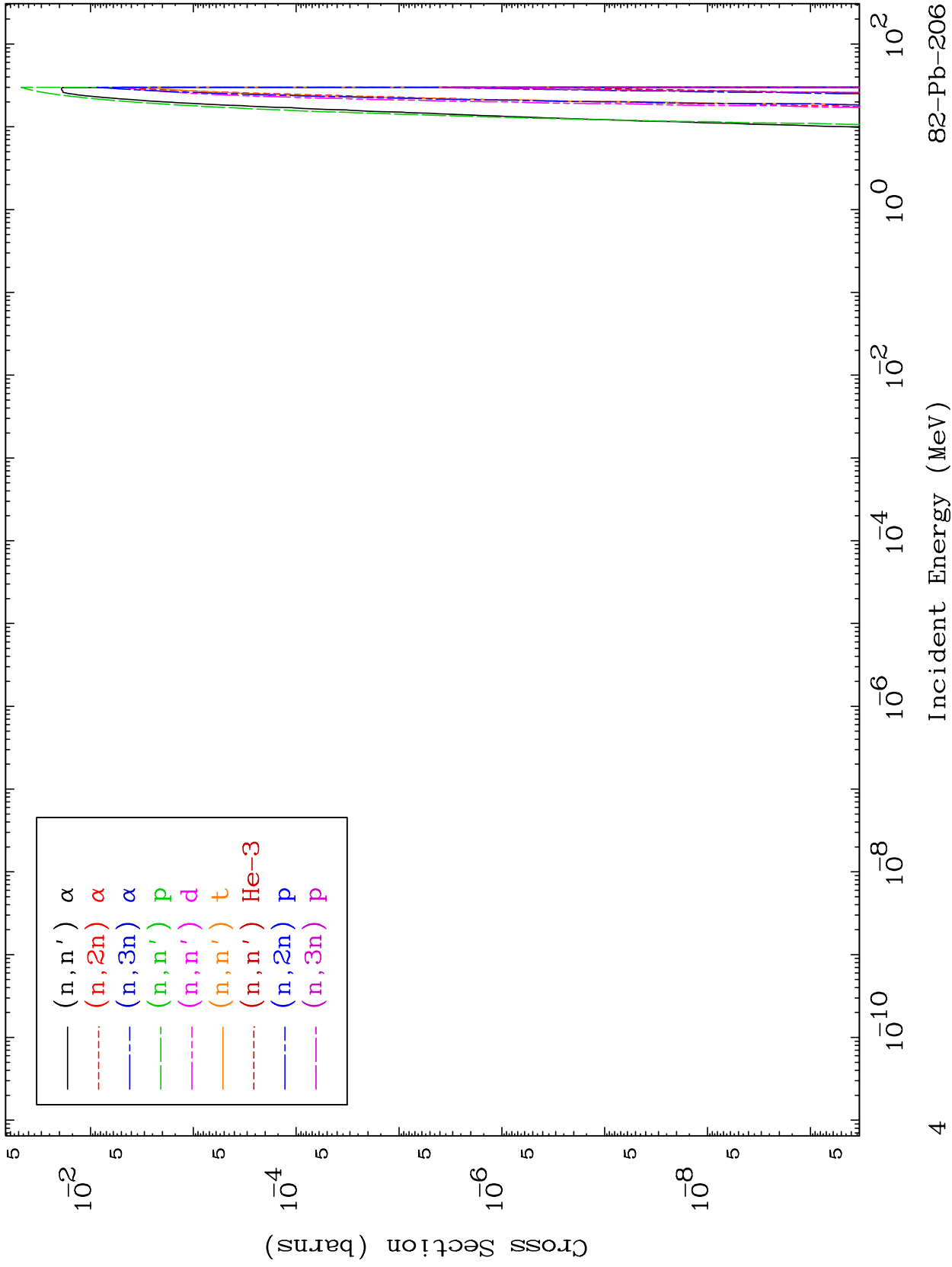




MAT 8231

Charged Particle
293 Kelvin Cross Sections

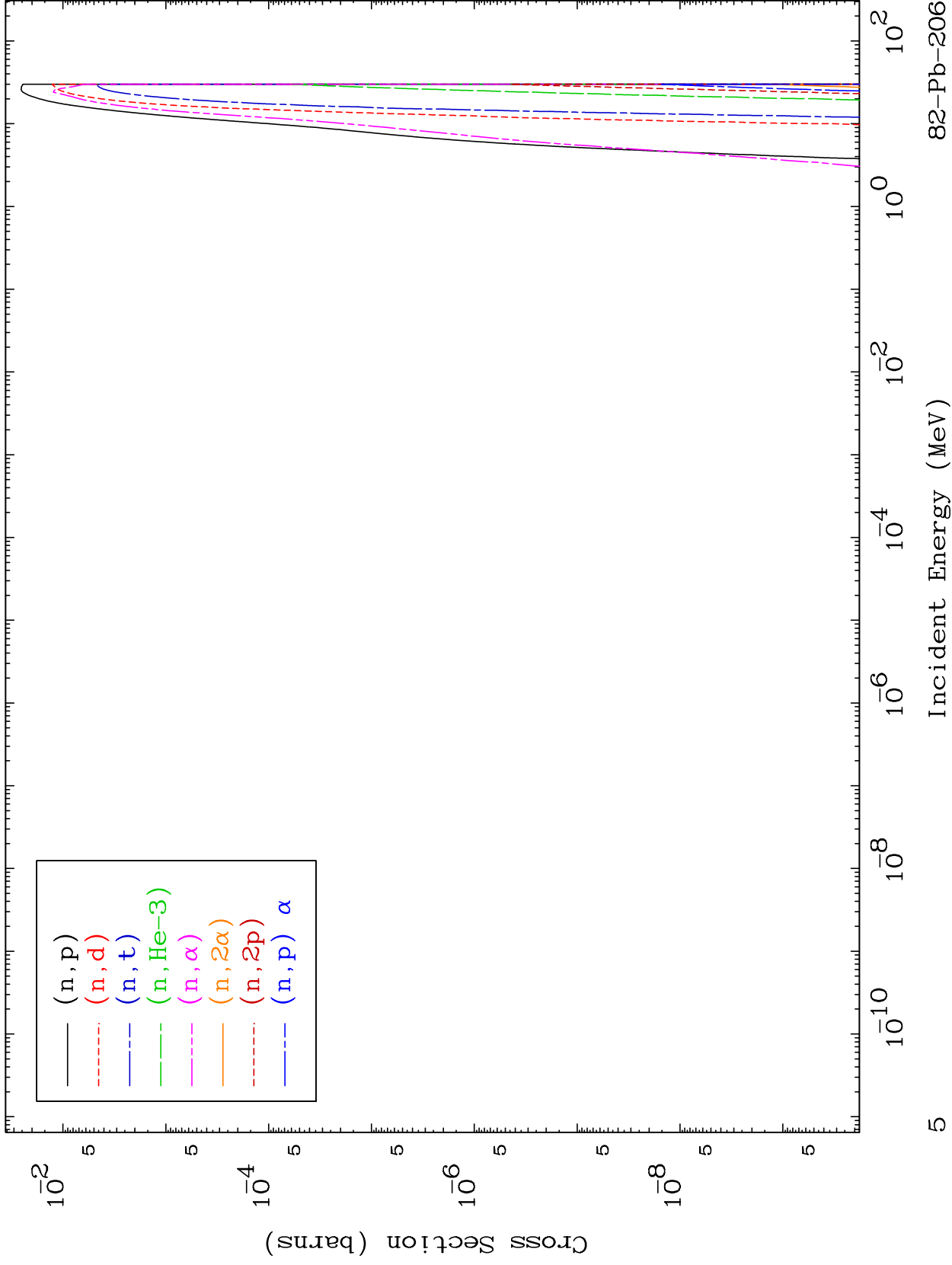
82-Pb-206



MAT 8231

Charged Particle
293 Kelvin Cross Sections

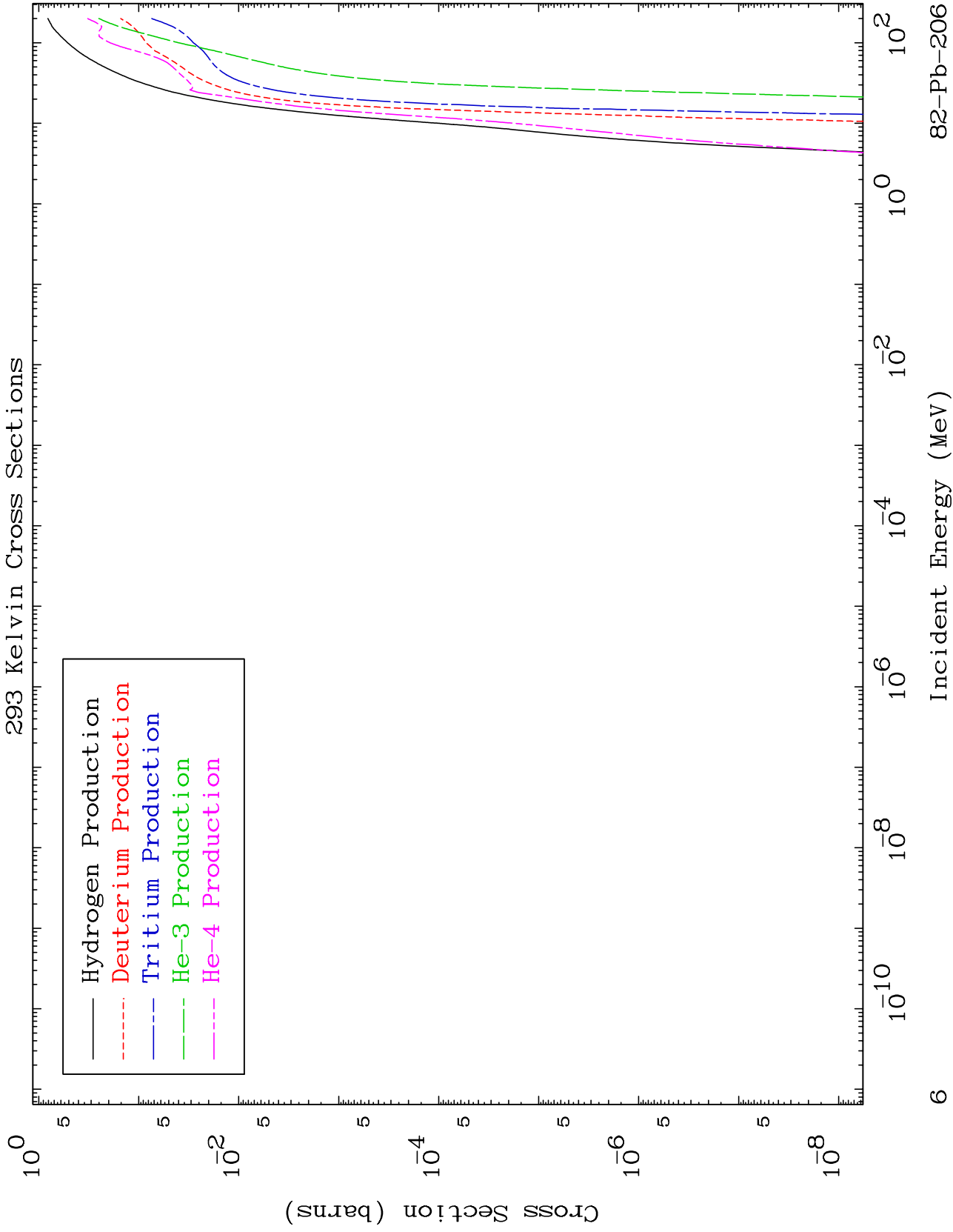
82-Pb-206



MAT 8231

Particle Production
293 Kelvin Cross Sections

82-Pb-206

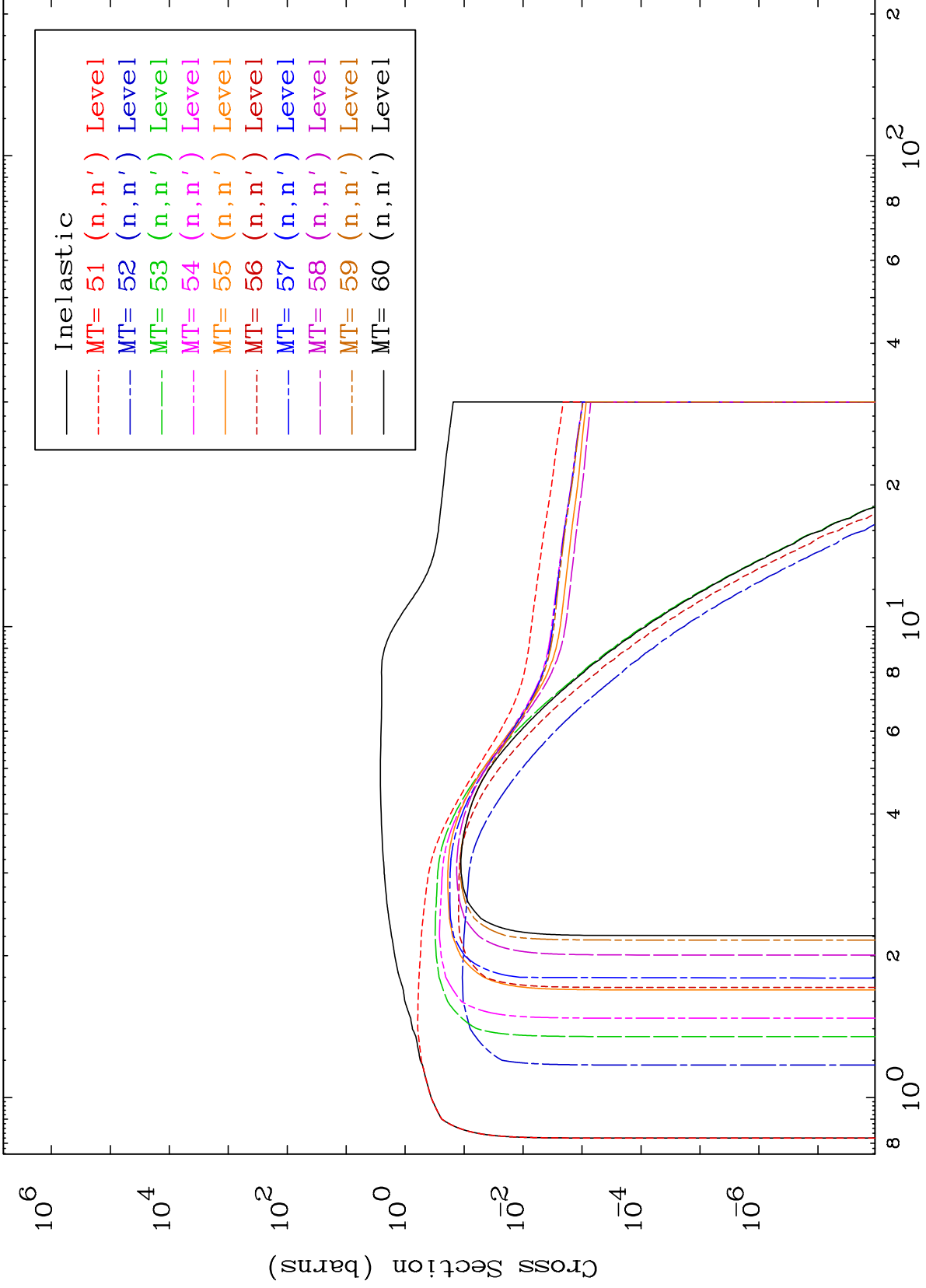


MAT 8231

(n,n') Level

82-Pb-206

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-206

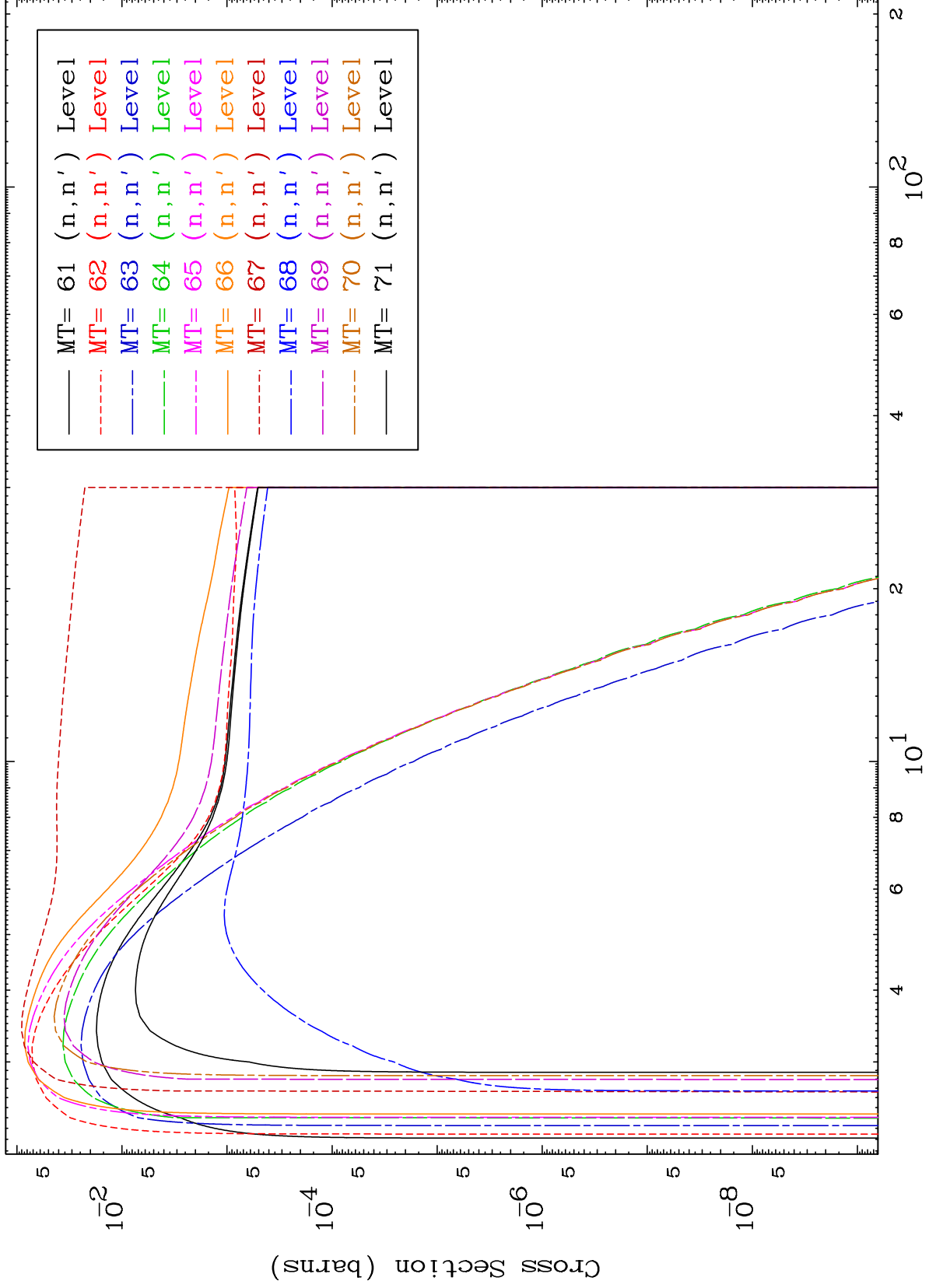
7

MAT 8231

(n,n') Level

82-Pb-206

293 Kelvin Cross Sections



8

Incident Energy (MeV)

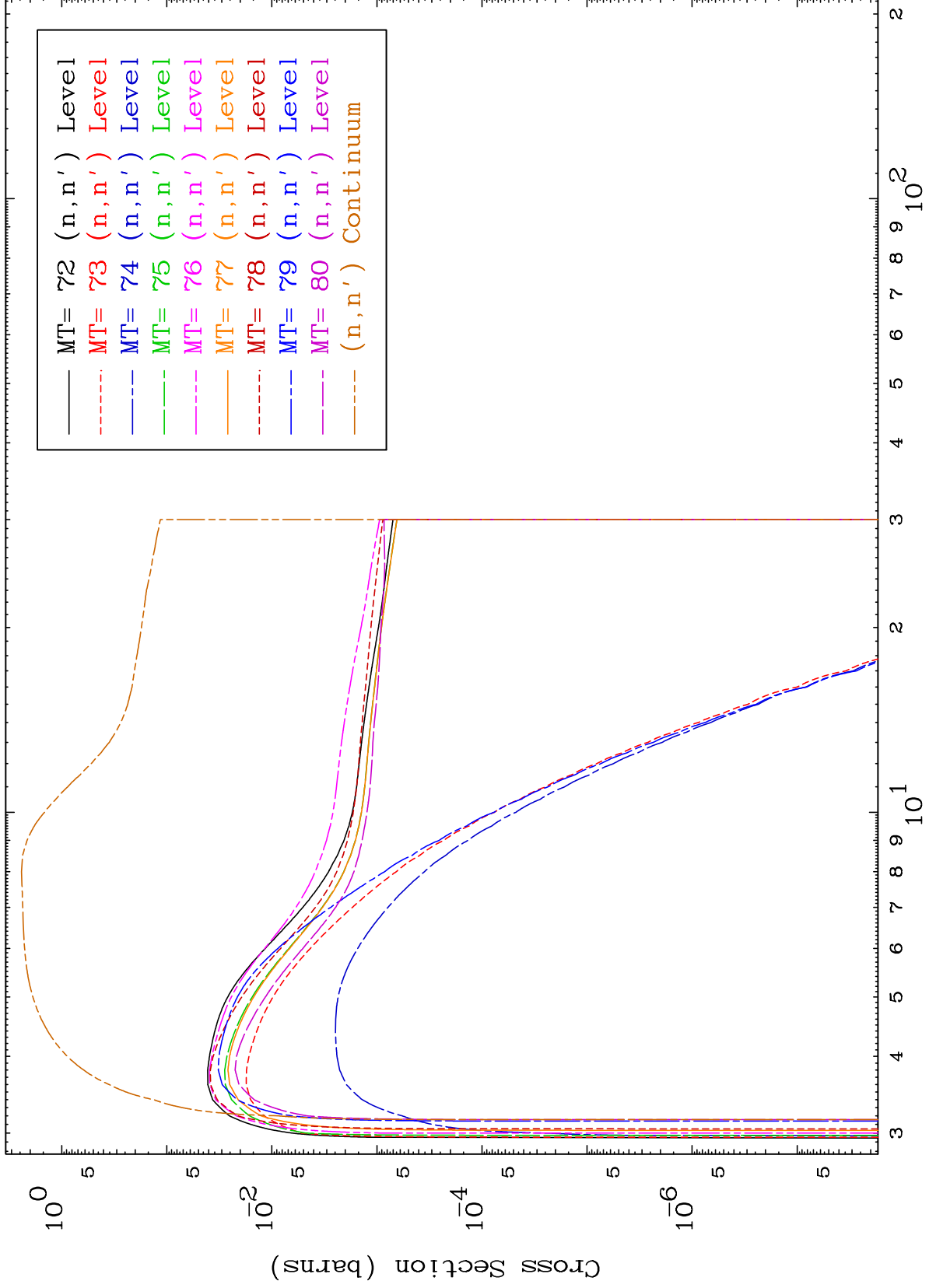
82-Pb-206

MAT 8231

(n,n') Level

82-Pb-206

293 Kelvin Cross Sections



9

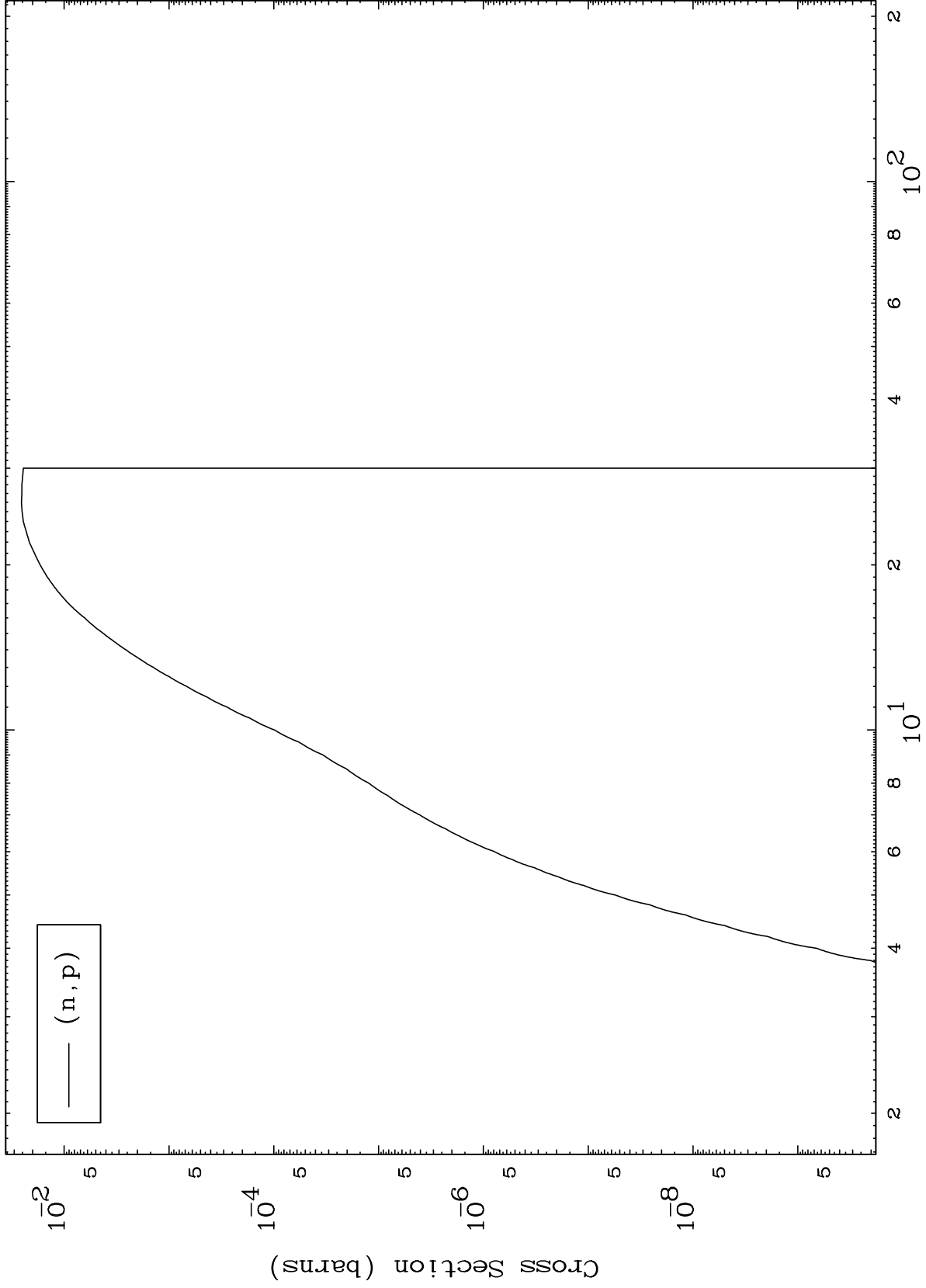
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-206



10

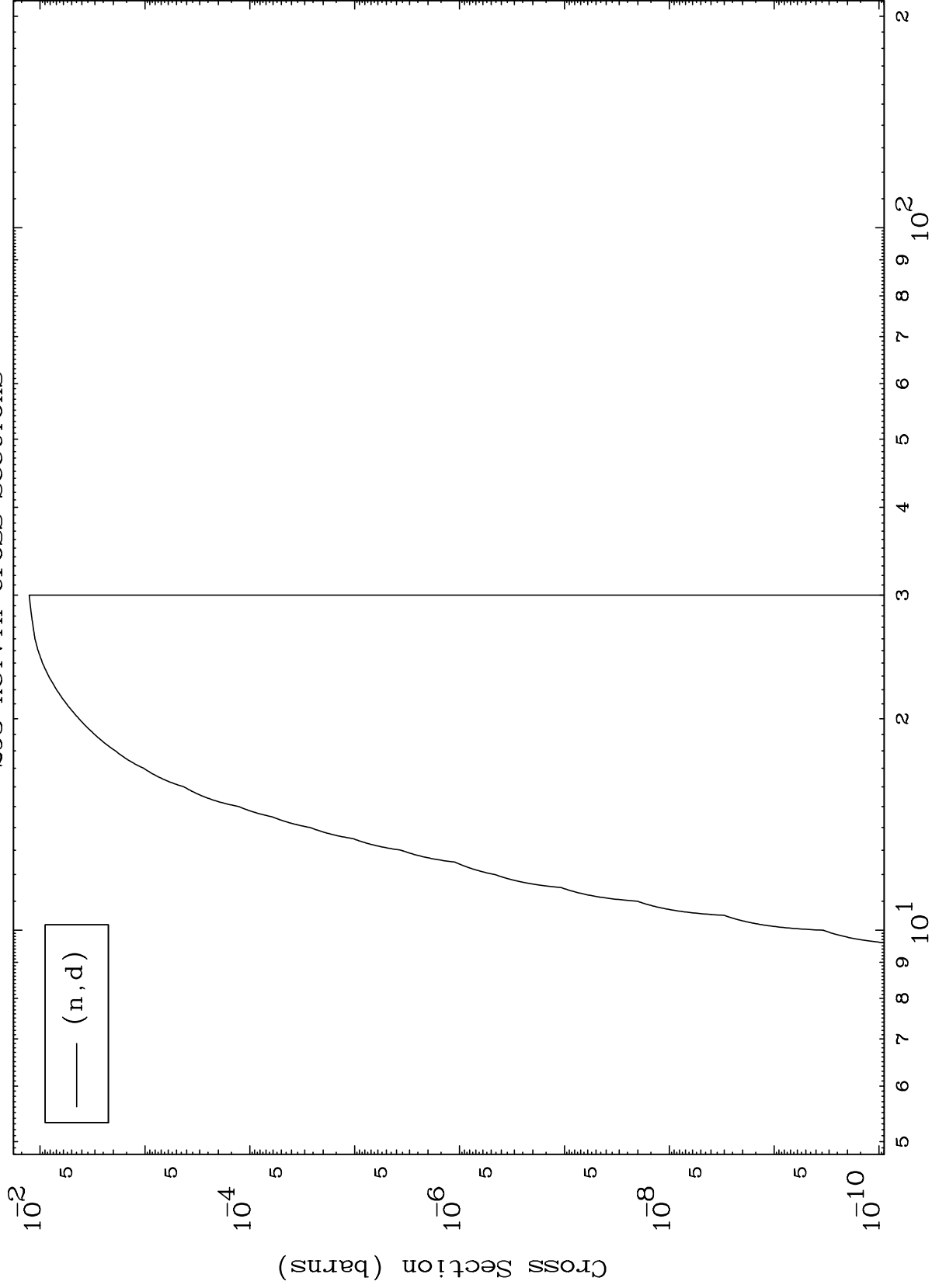
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,d) Levels
293 Kelvin Cross Sections

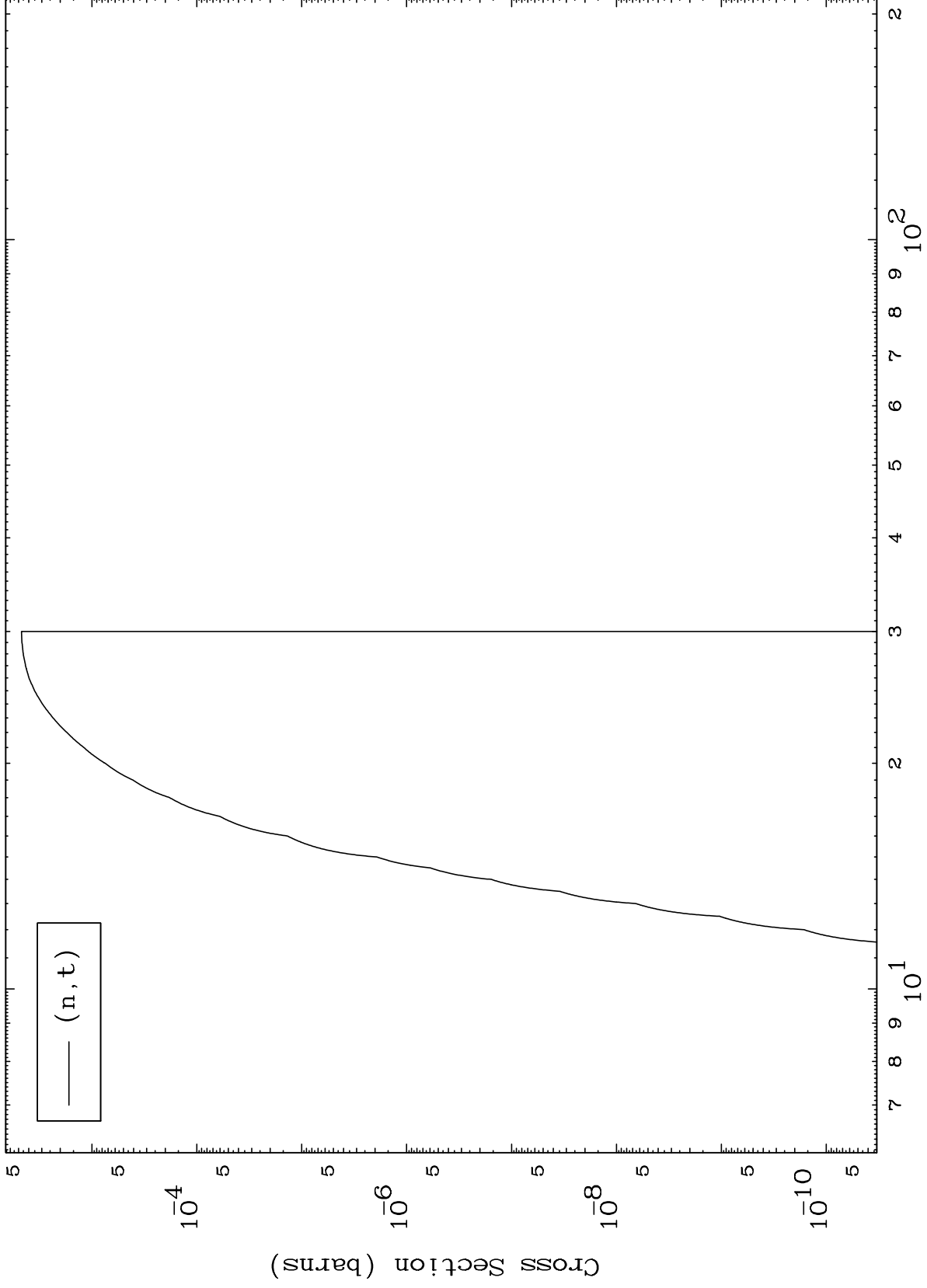
82-Pb-206



MAT 8231

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-206



12

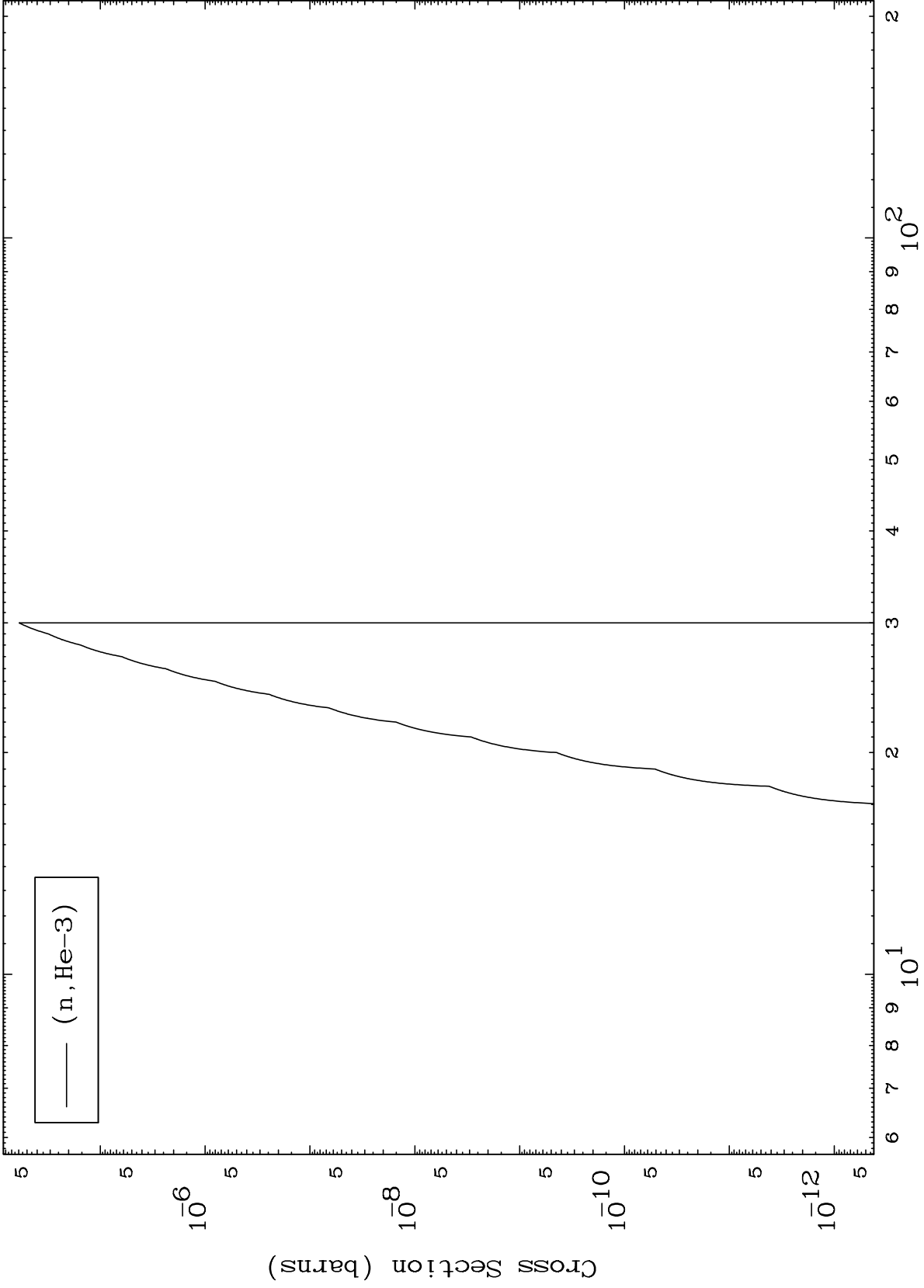
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-206



13

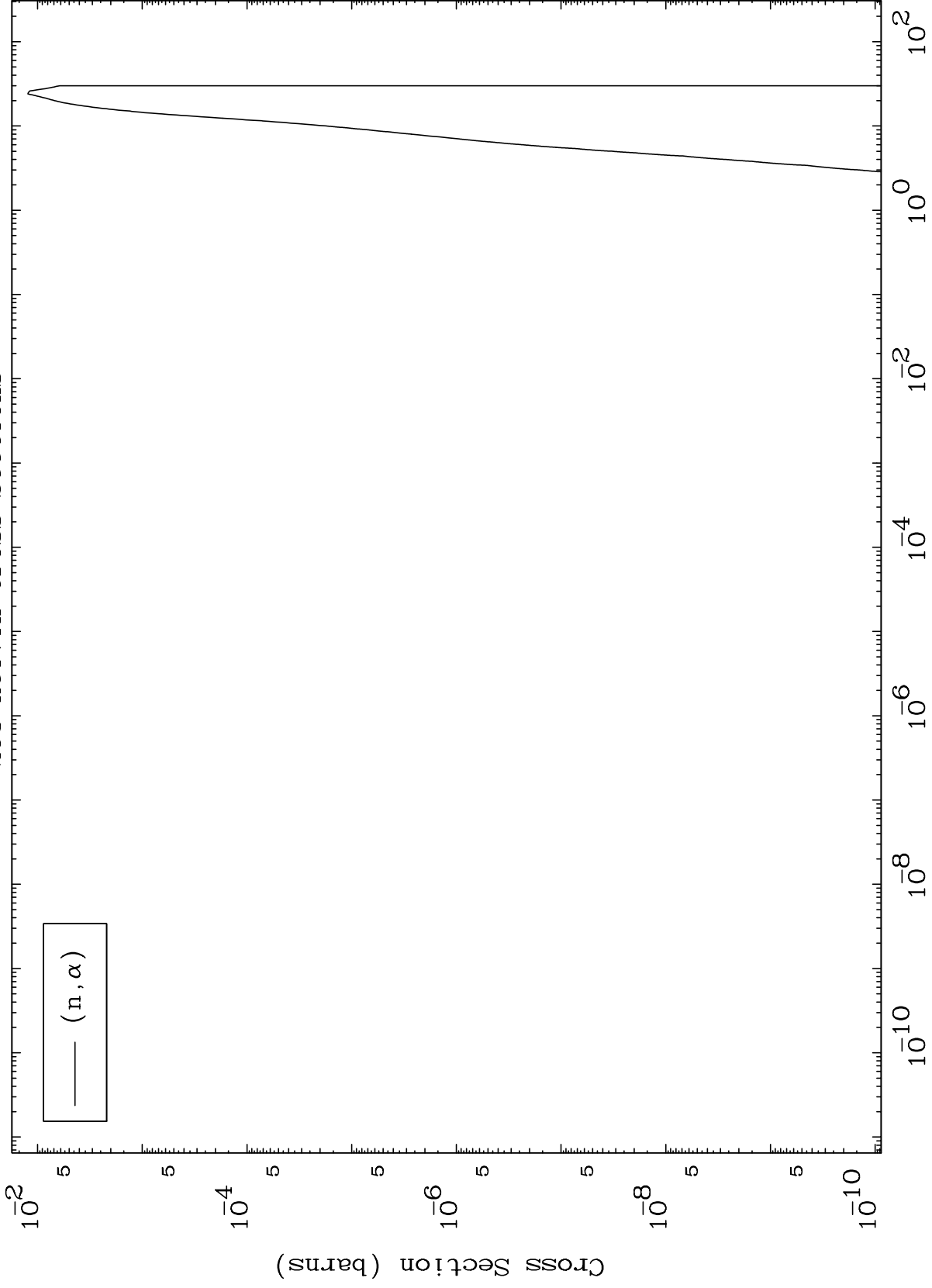
Incident Energy (MeV)

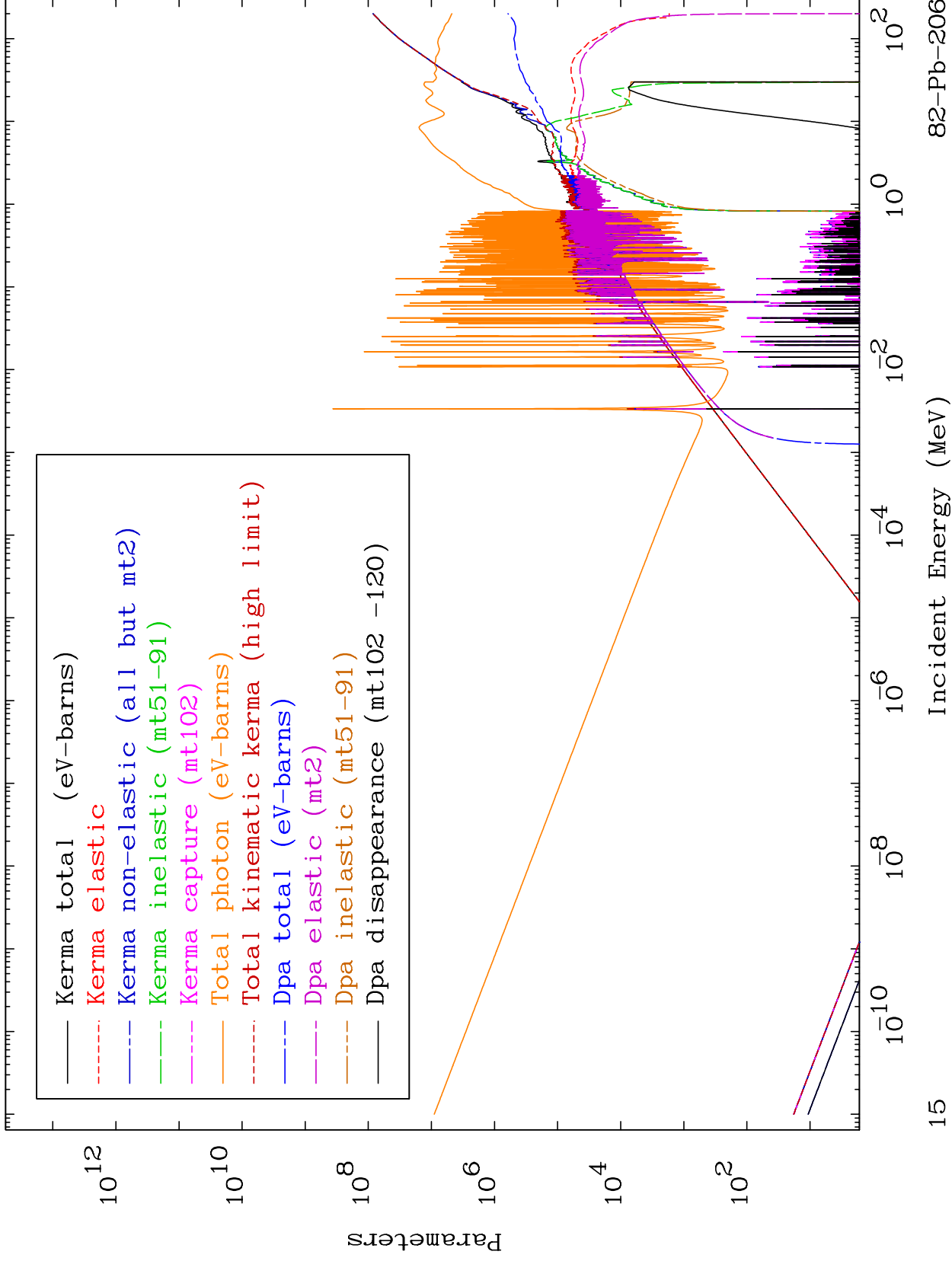
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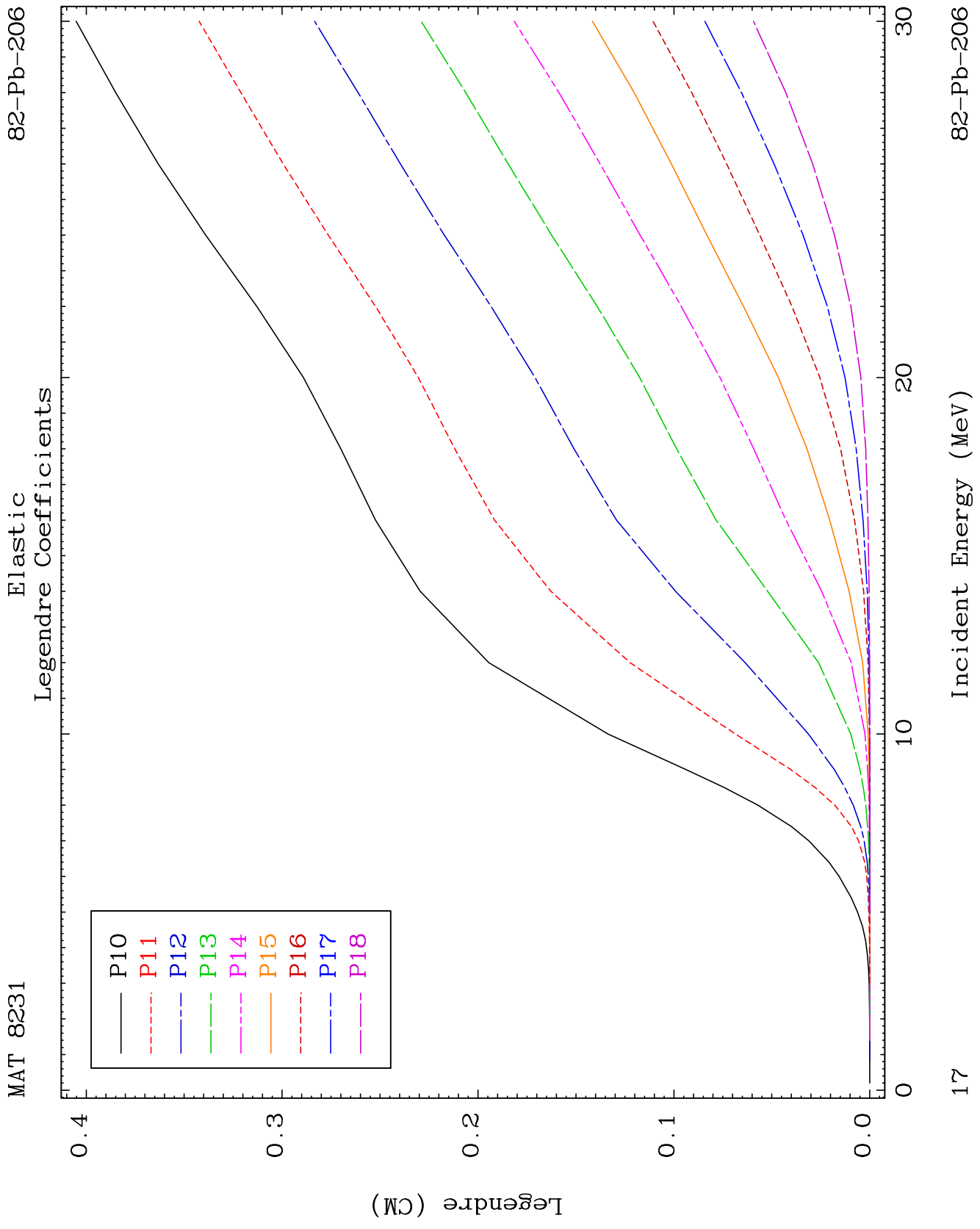
MAT 8231

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-206



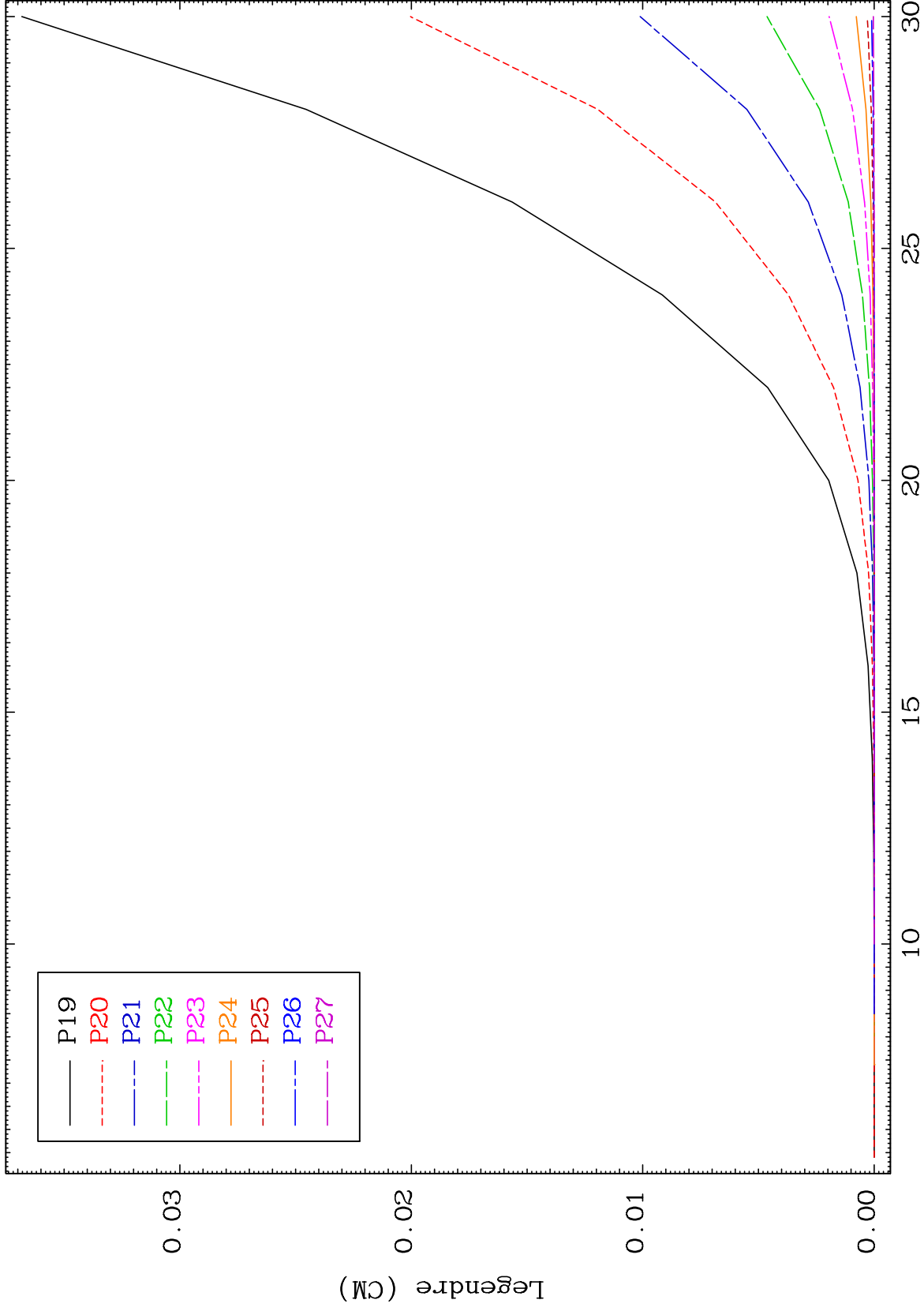




MAT 8231

Elastic Legendre Coefficients

82-Pb-206



18

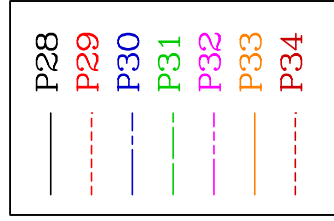
Incident Energy (MeV)

82-Pb-206

MAT 8231

Elastic Legendre Coefficients

82-Pb-206



$\times 10^{-5}$

1.2

0.8

0.4

0.0

Legendre (CM)

15

20

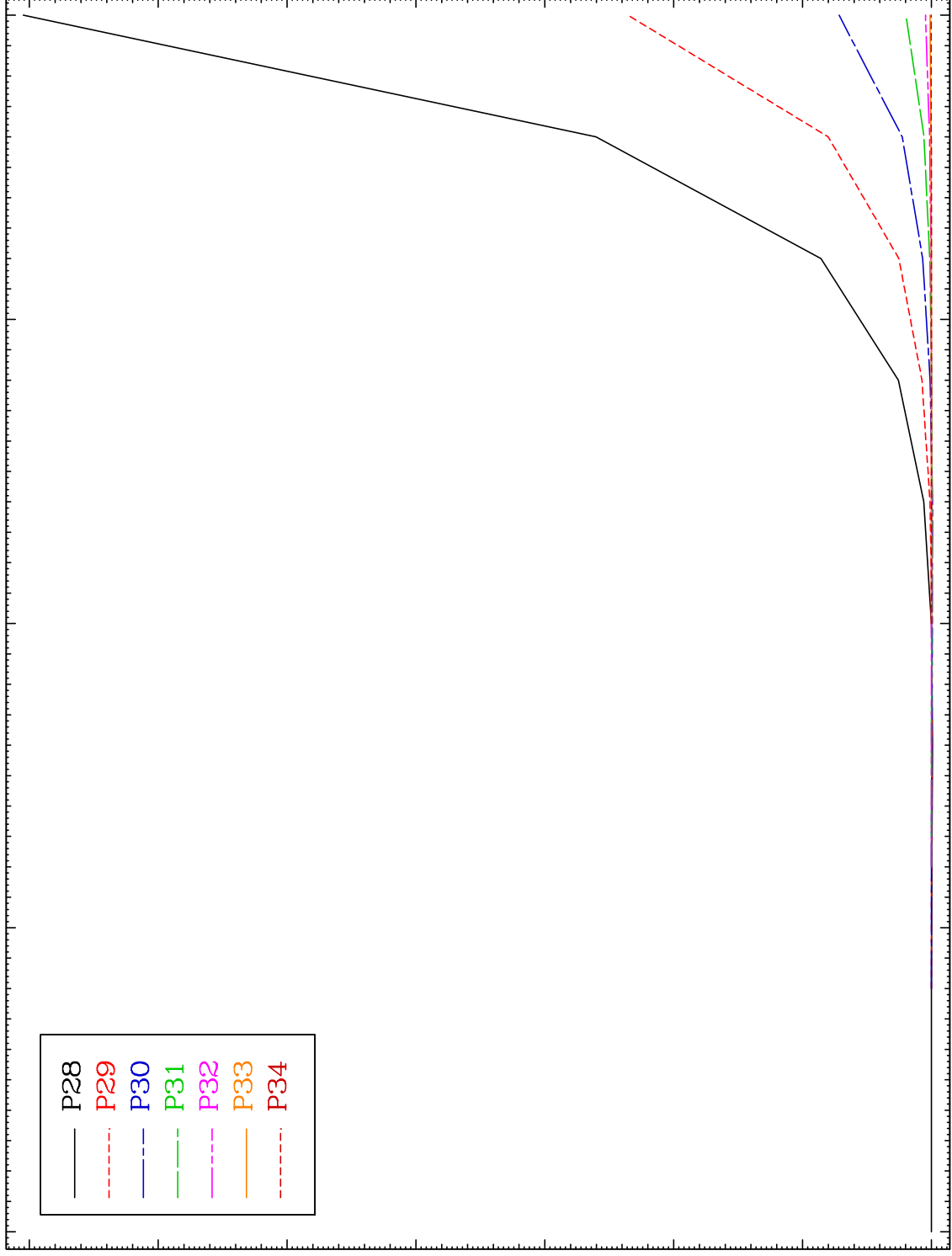
25

30

19

Incident Energy (MeV)

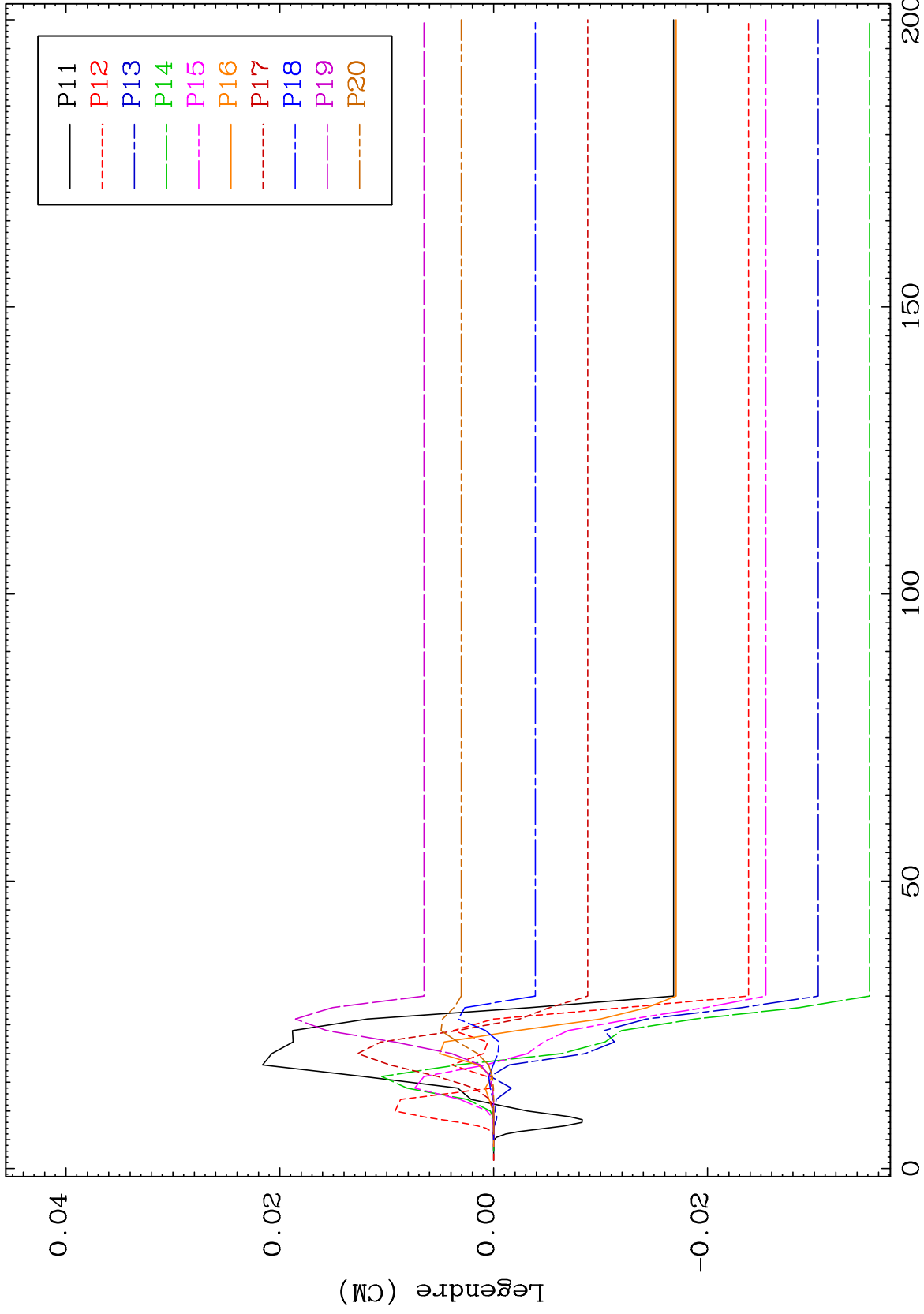
82-Pb-206



MAT 8231

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

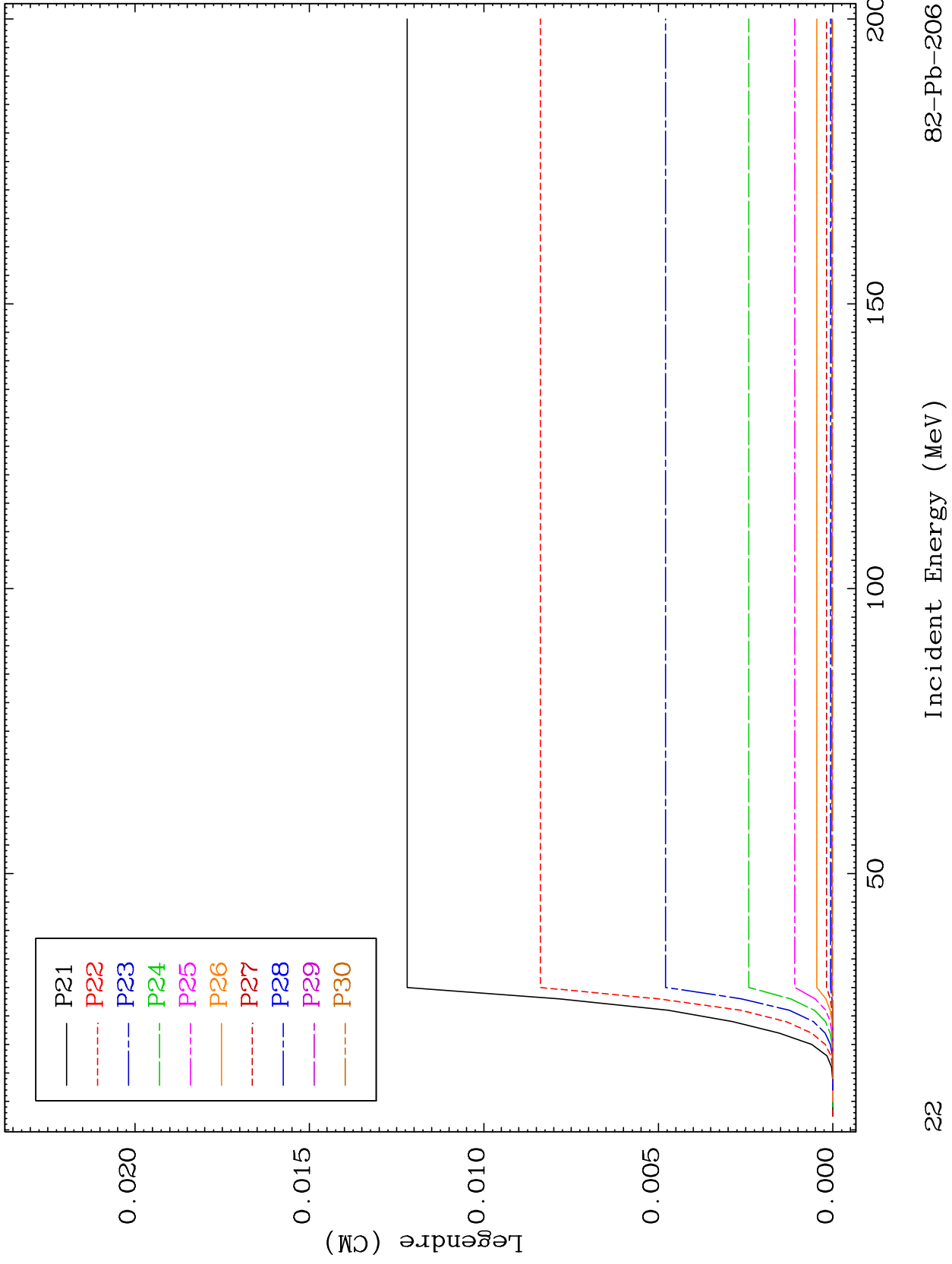
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21

Incident Energy (MeV)

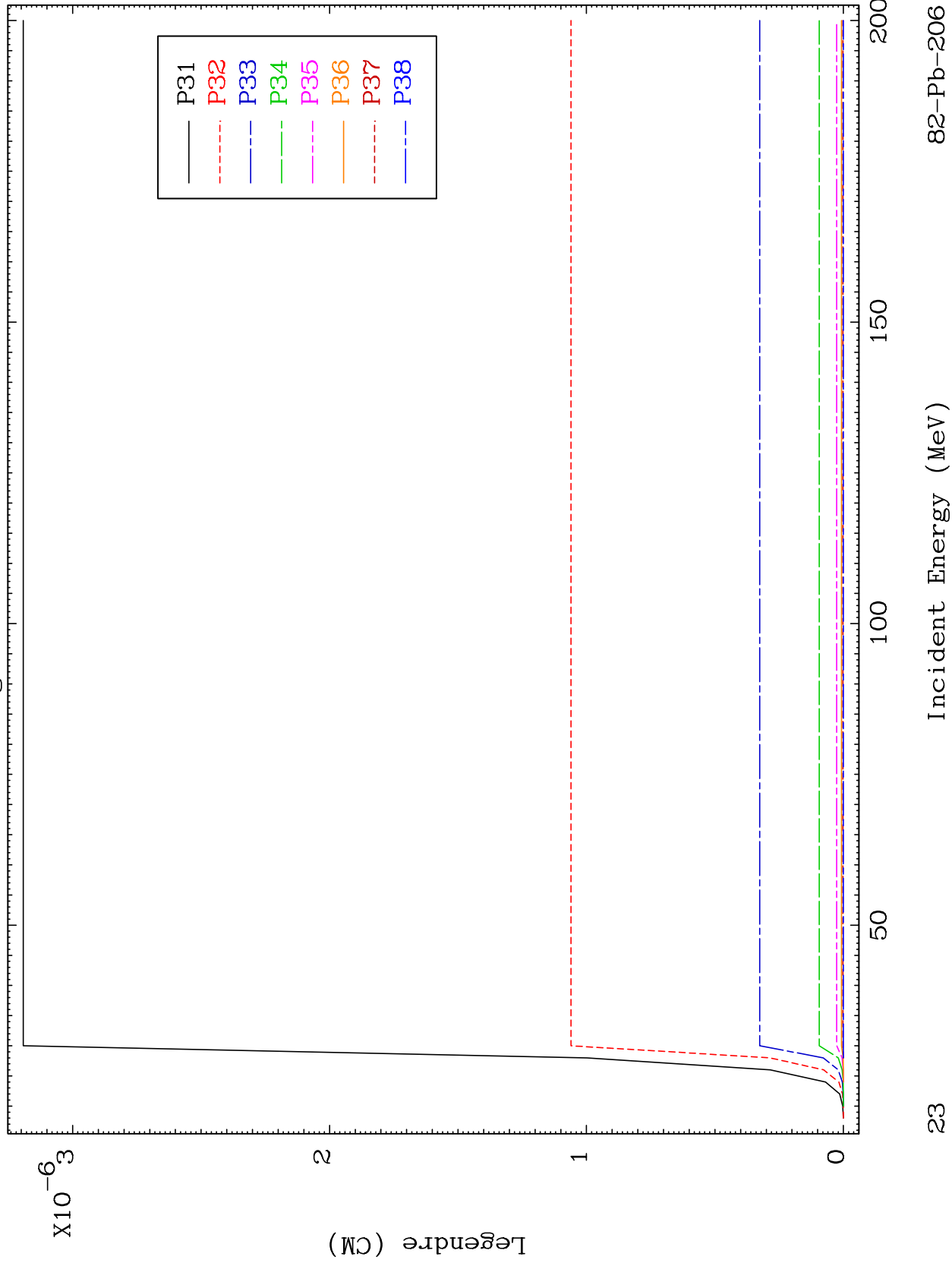
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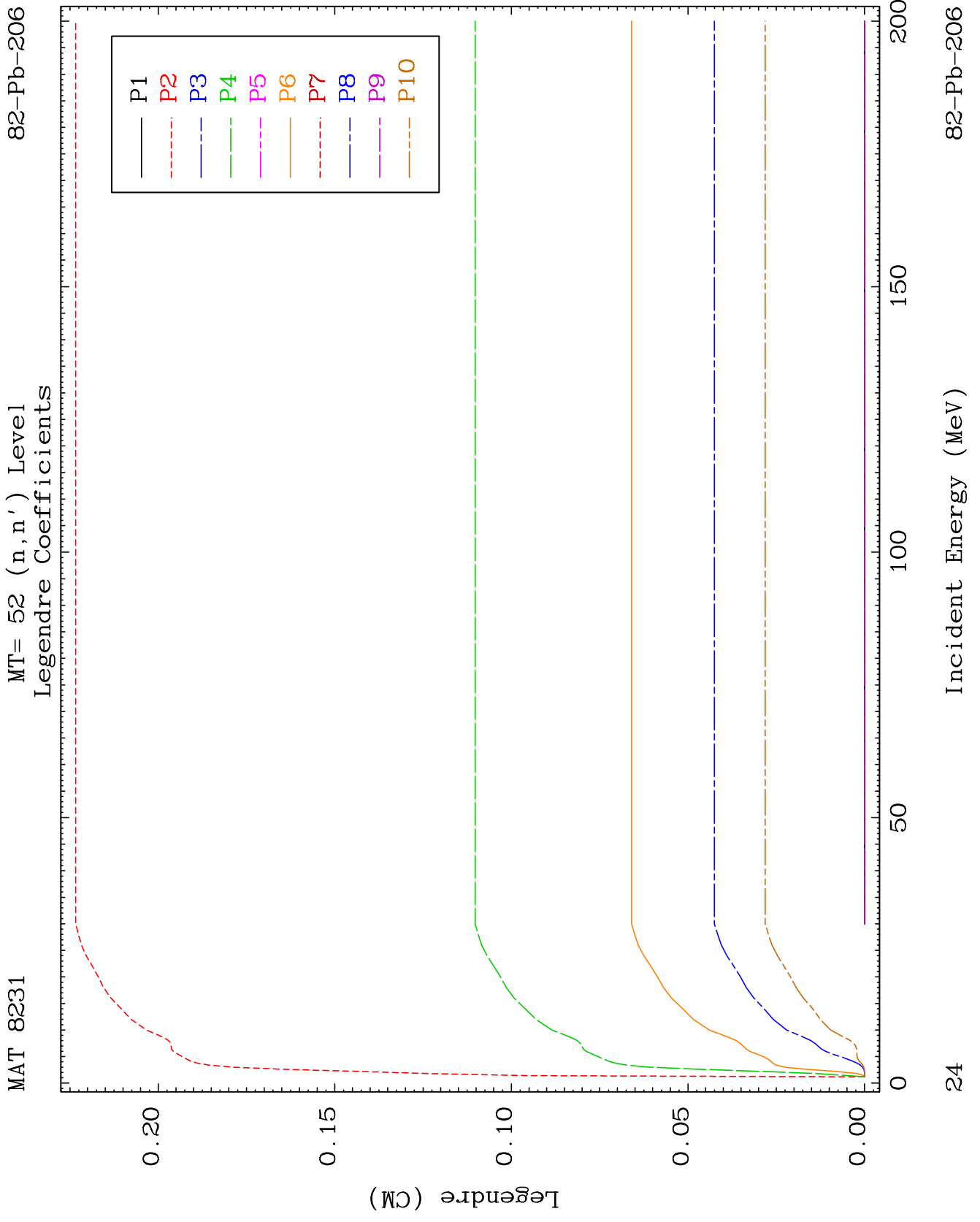
MAT 8231

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

82-Pb-206



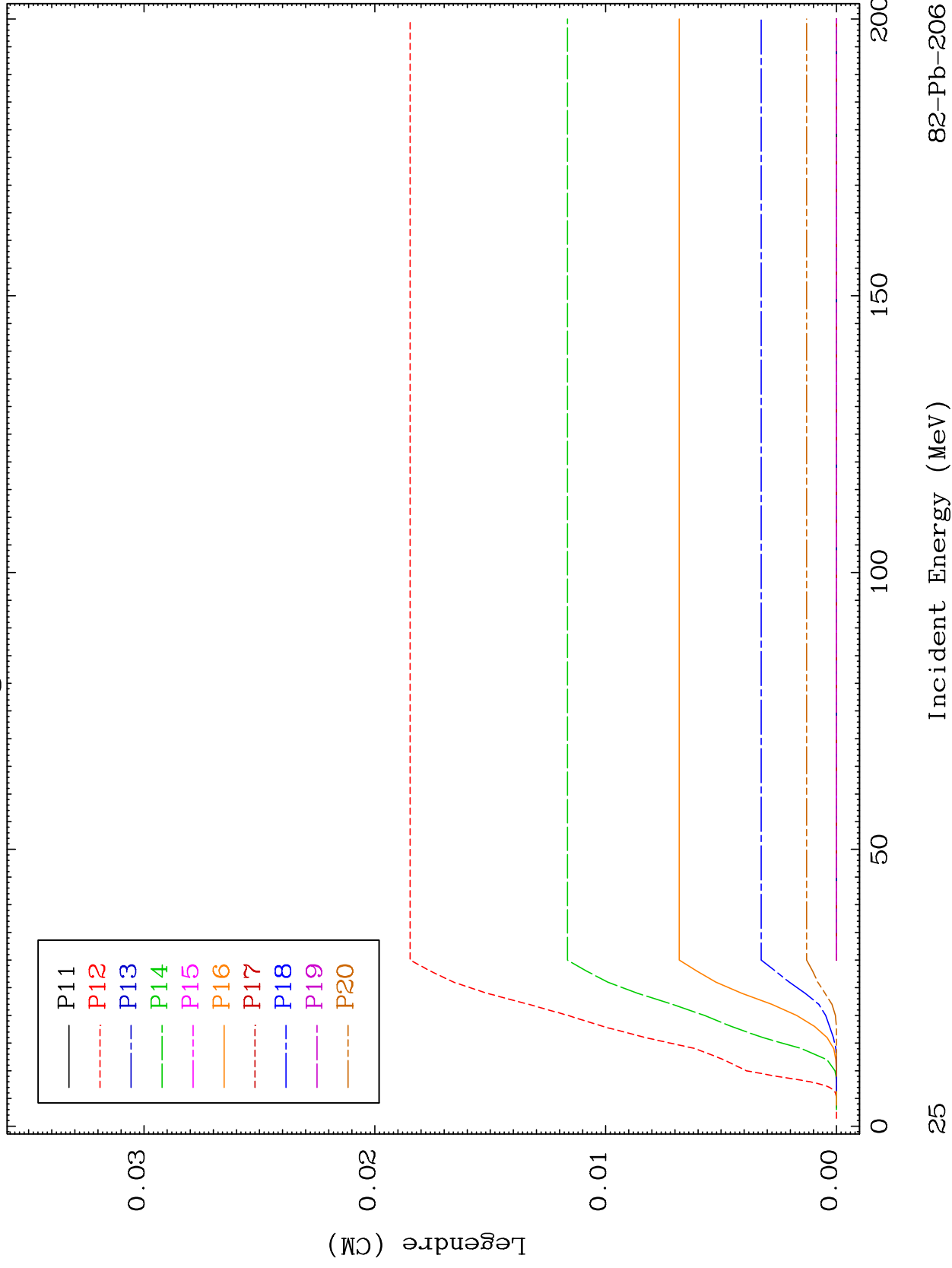
23



MAT 8231

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

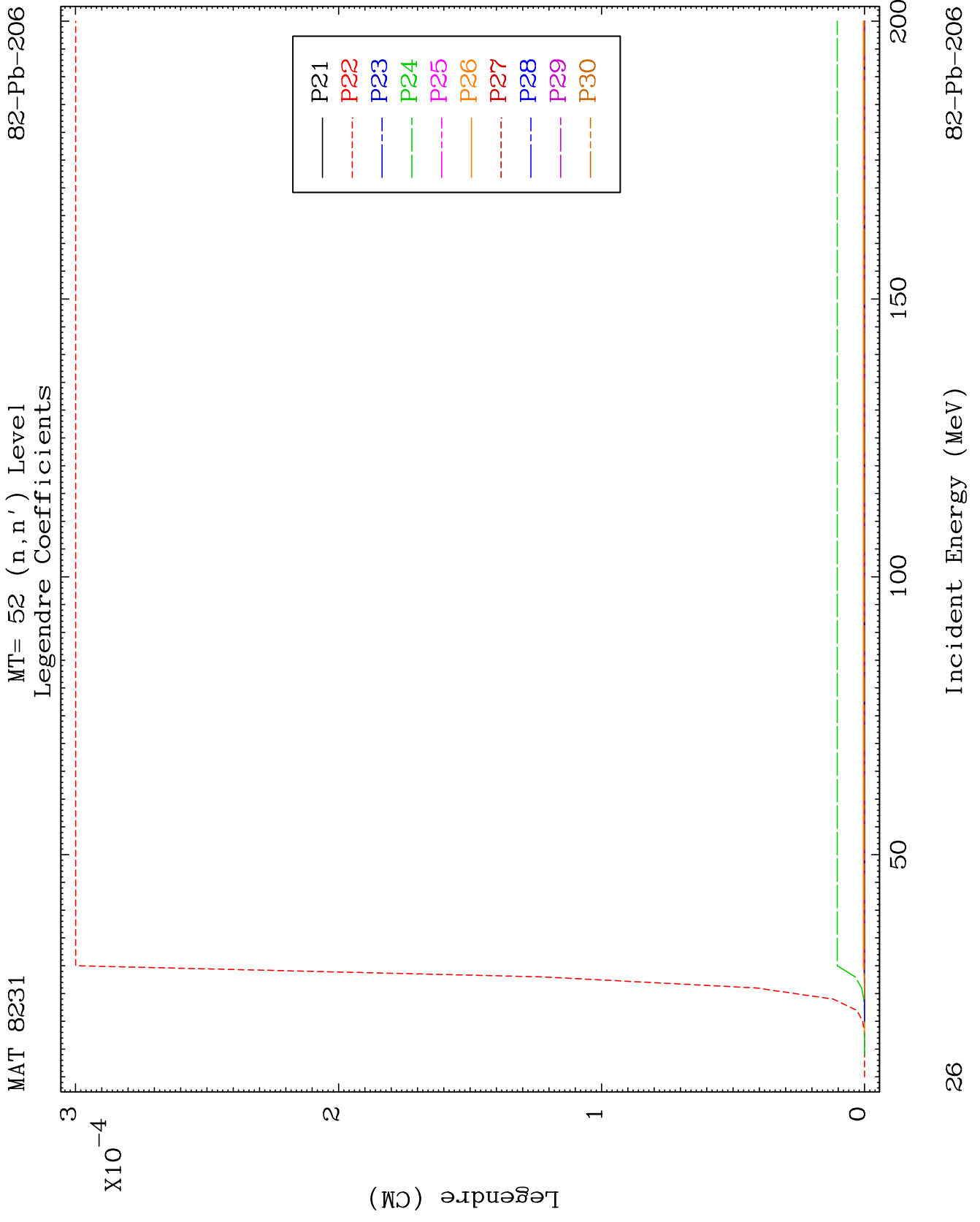
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82-Pb-206

Incident Energy (MeV)

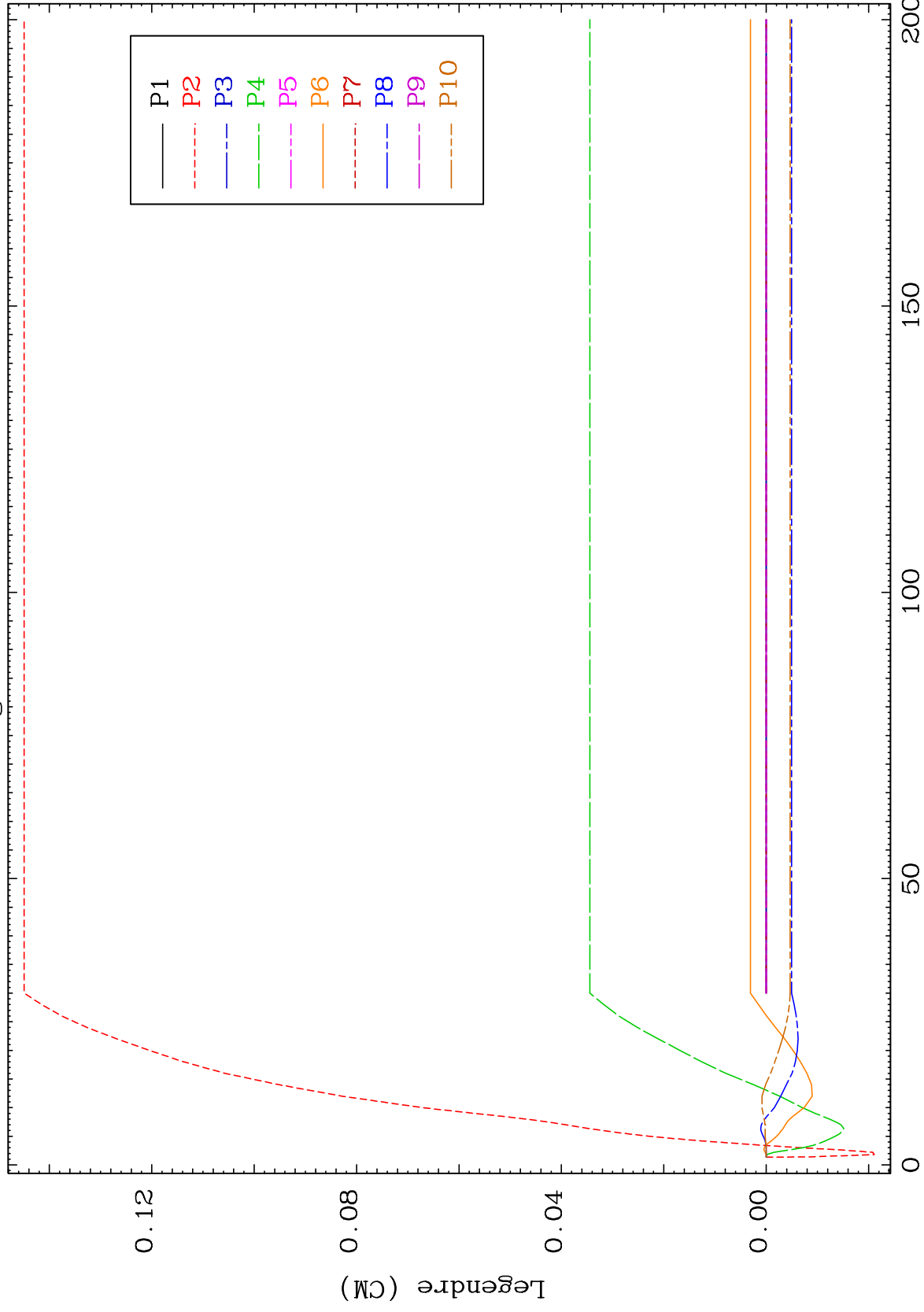
25



MAT 8231

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

82-Pb-206



27

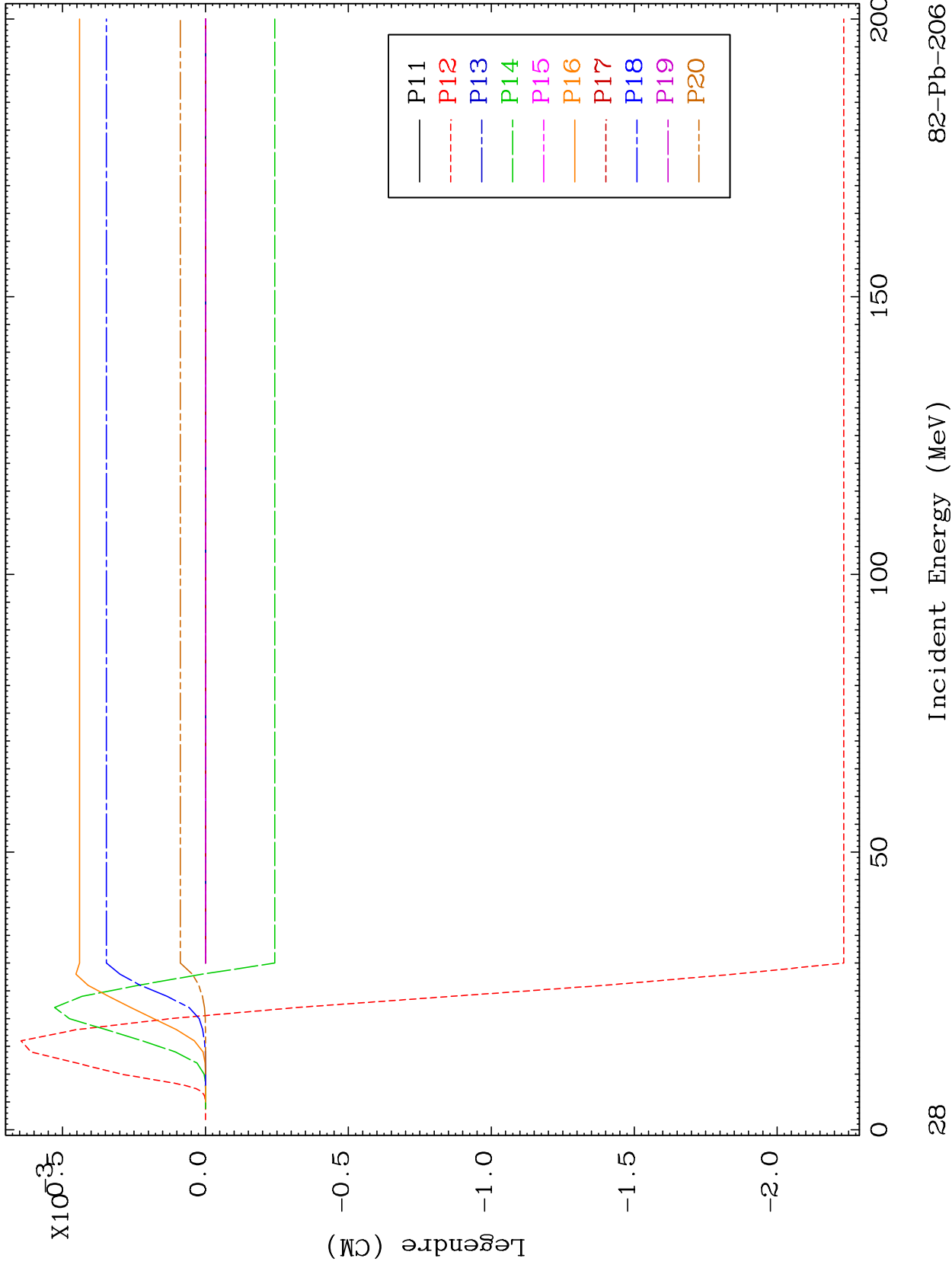
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



28

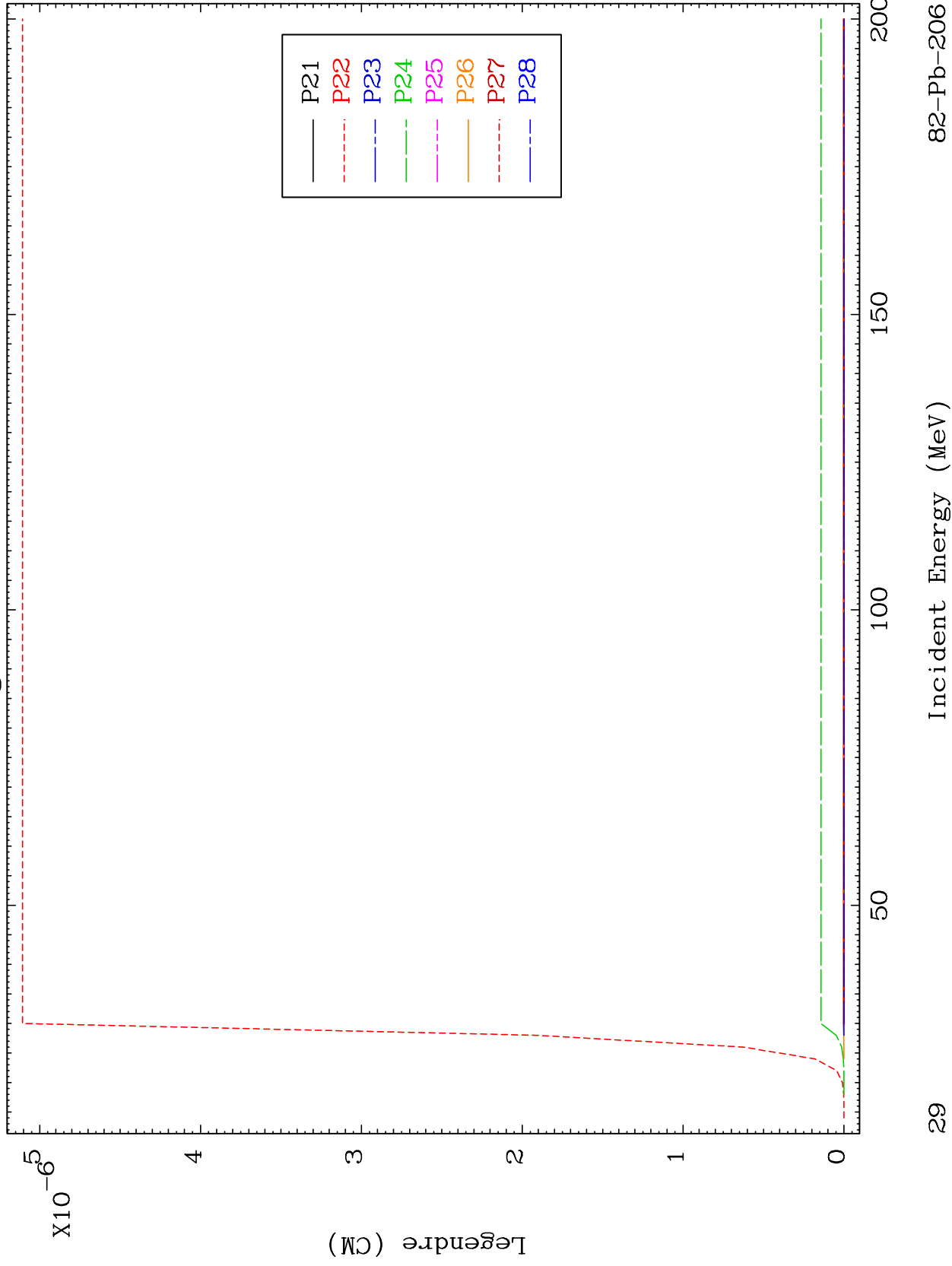
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206

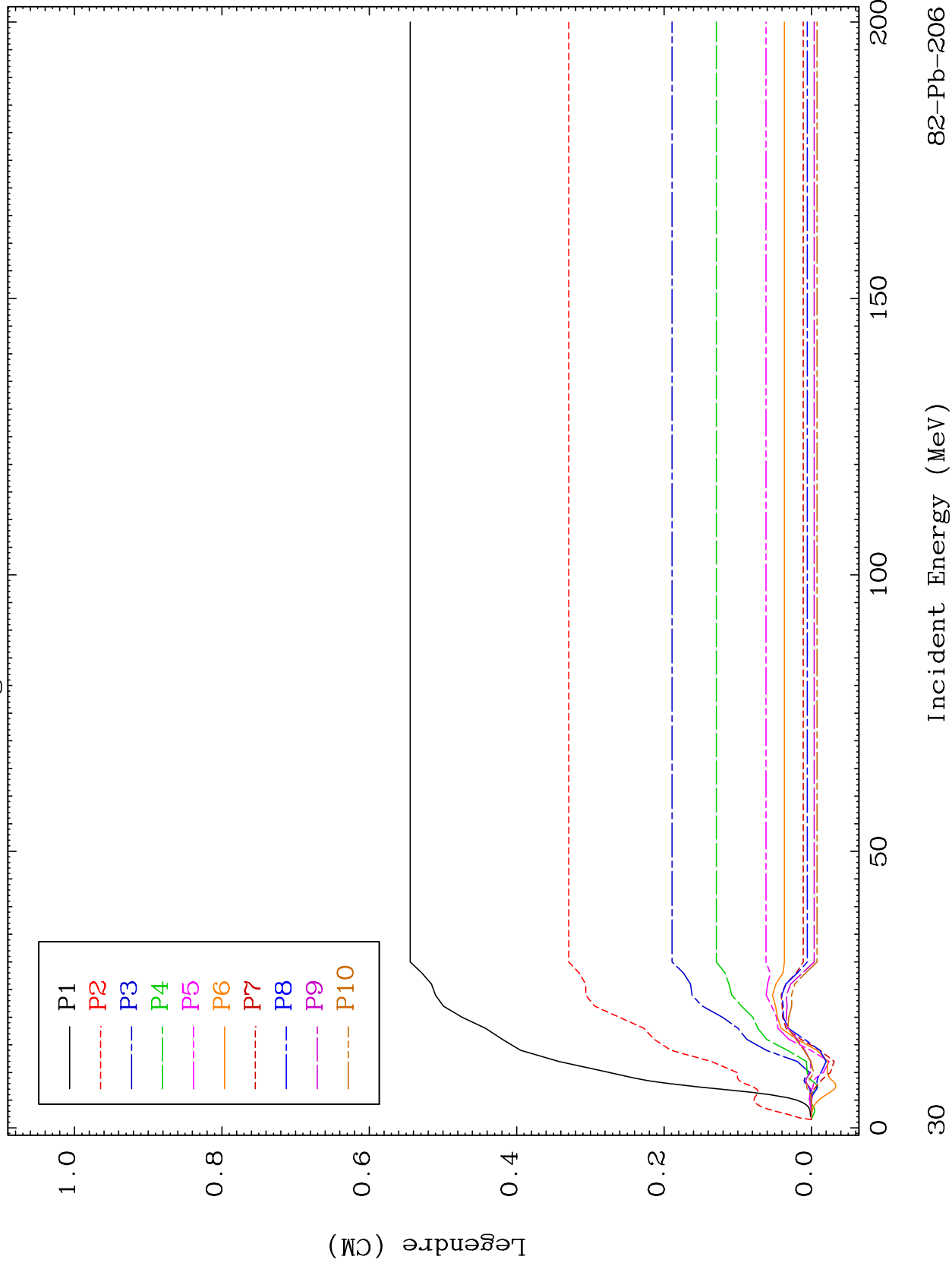


29

MAT 8231

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

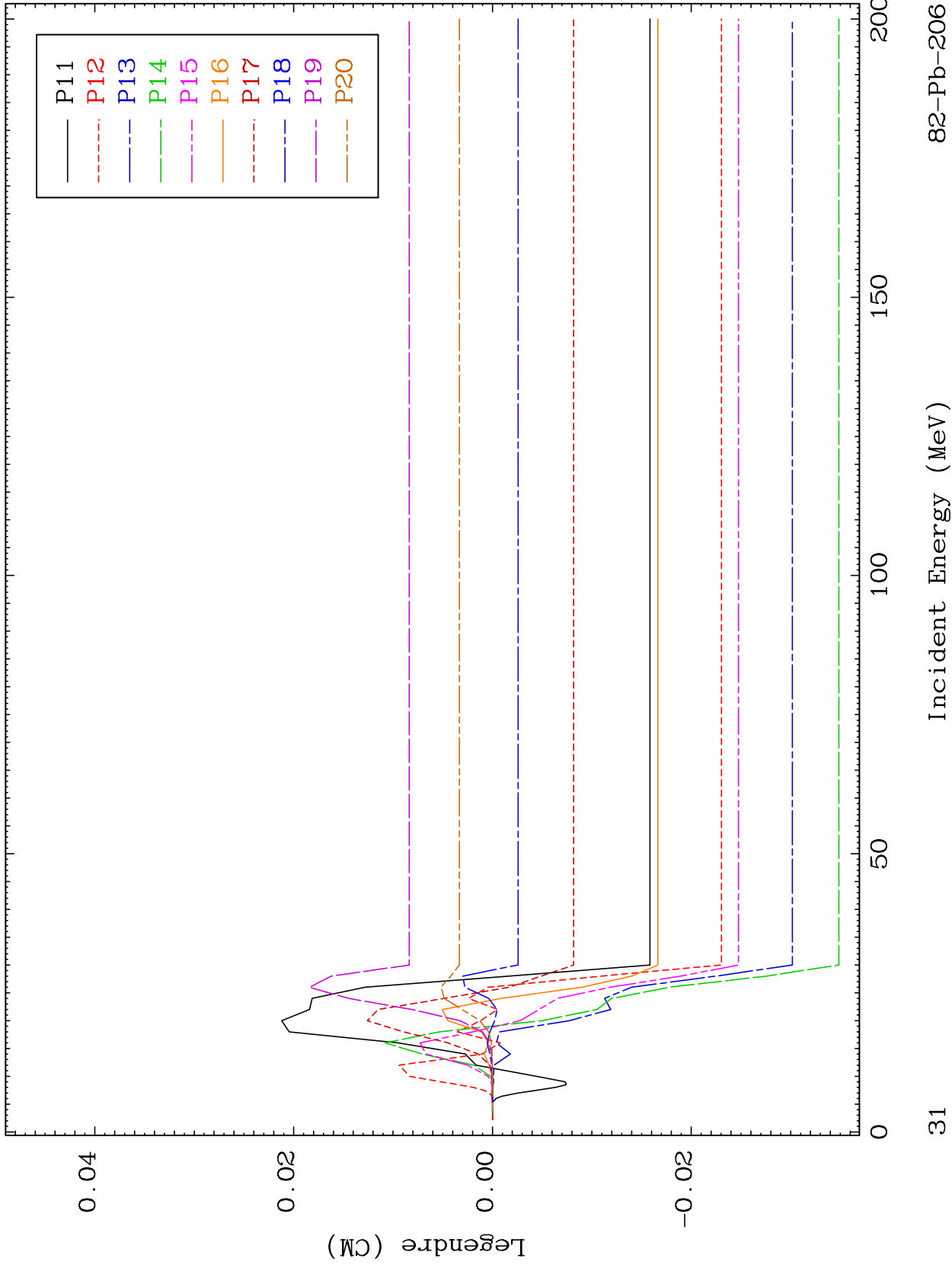
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MAT 8231

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

82-Pb-206



31

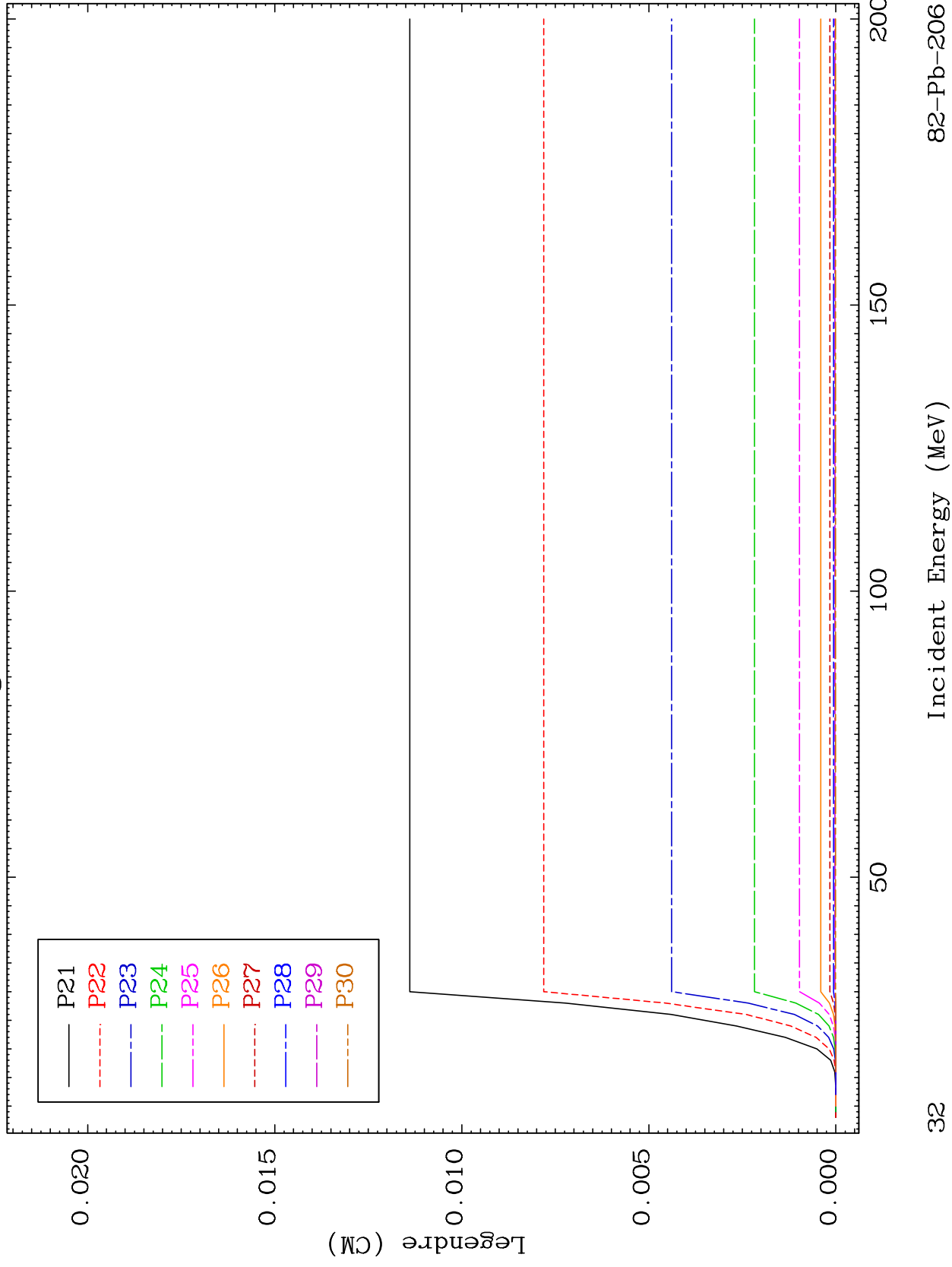
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



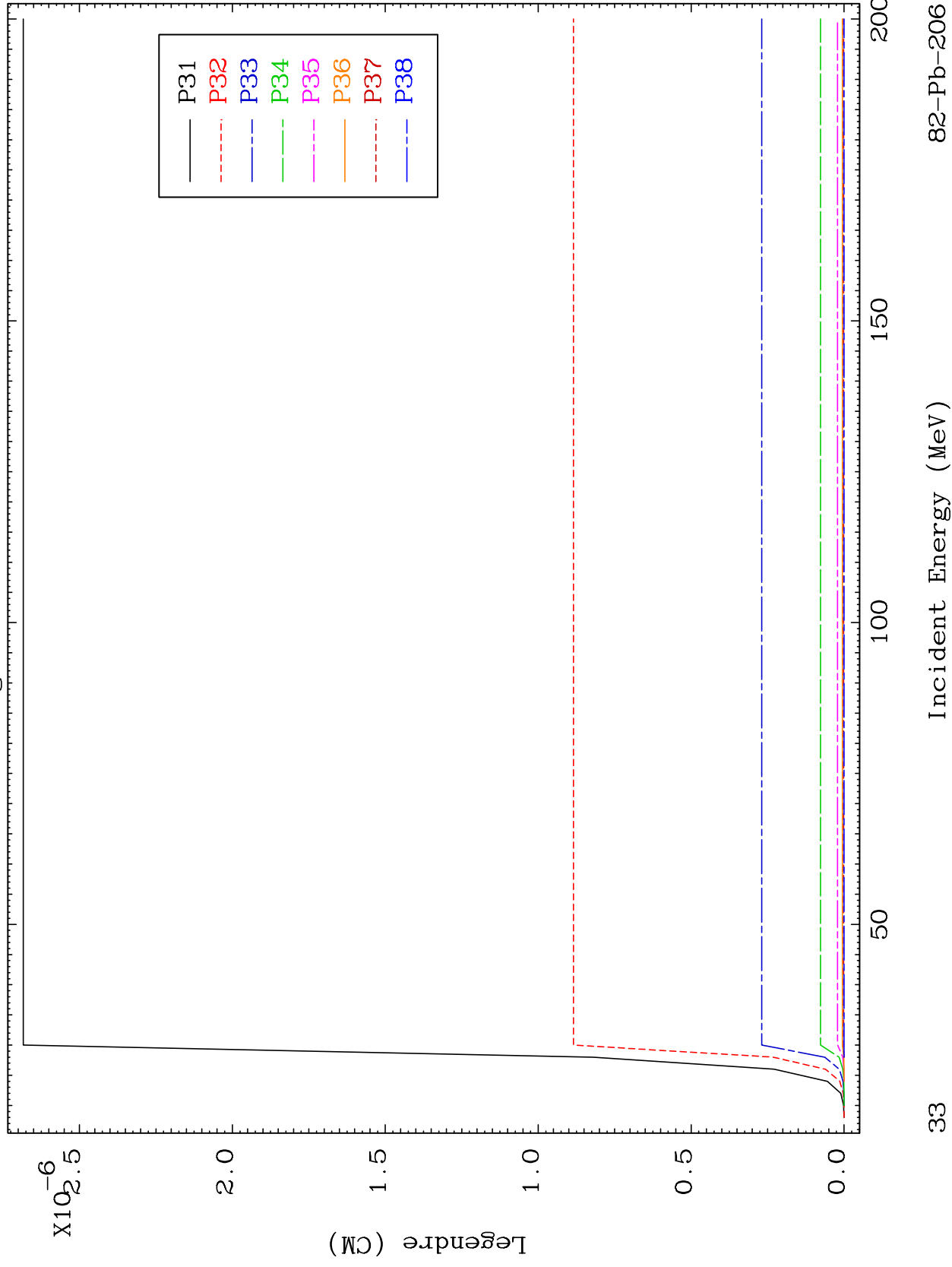
32

82-Pb-206

MAT 8231

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

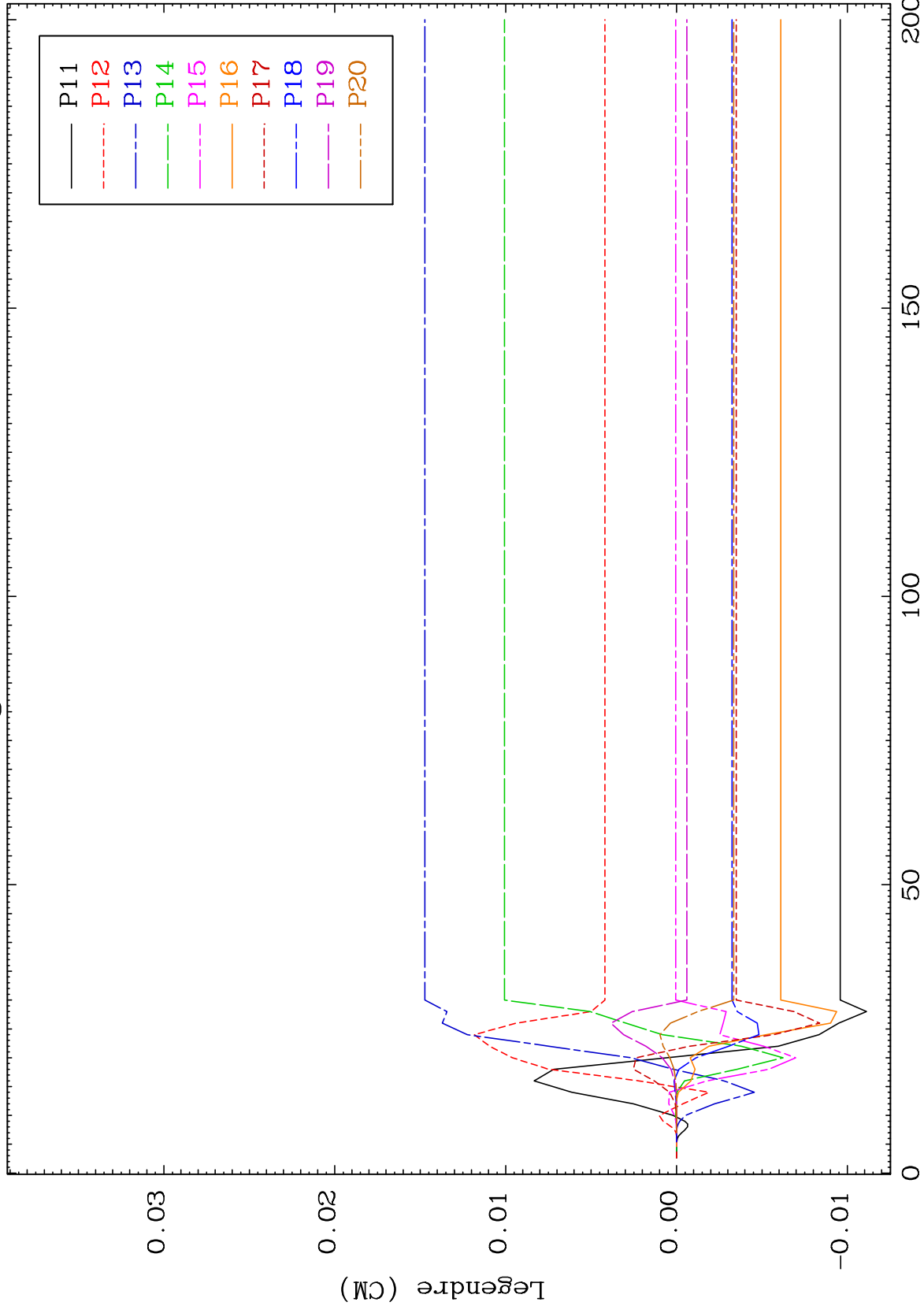
82-Pb-206



MAT 8231

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

82-Pb-206



35

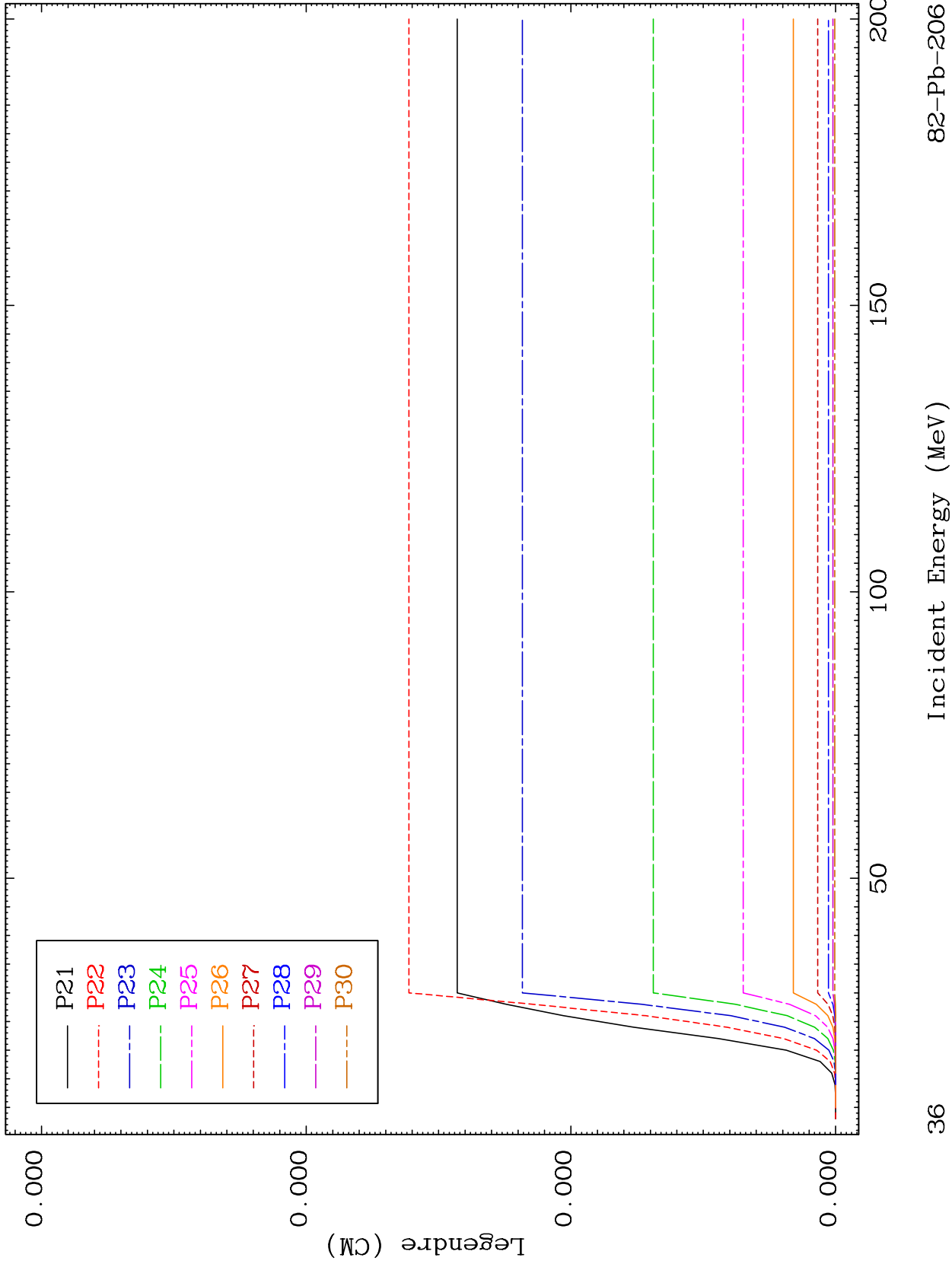
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



36

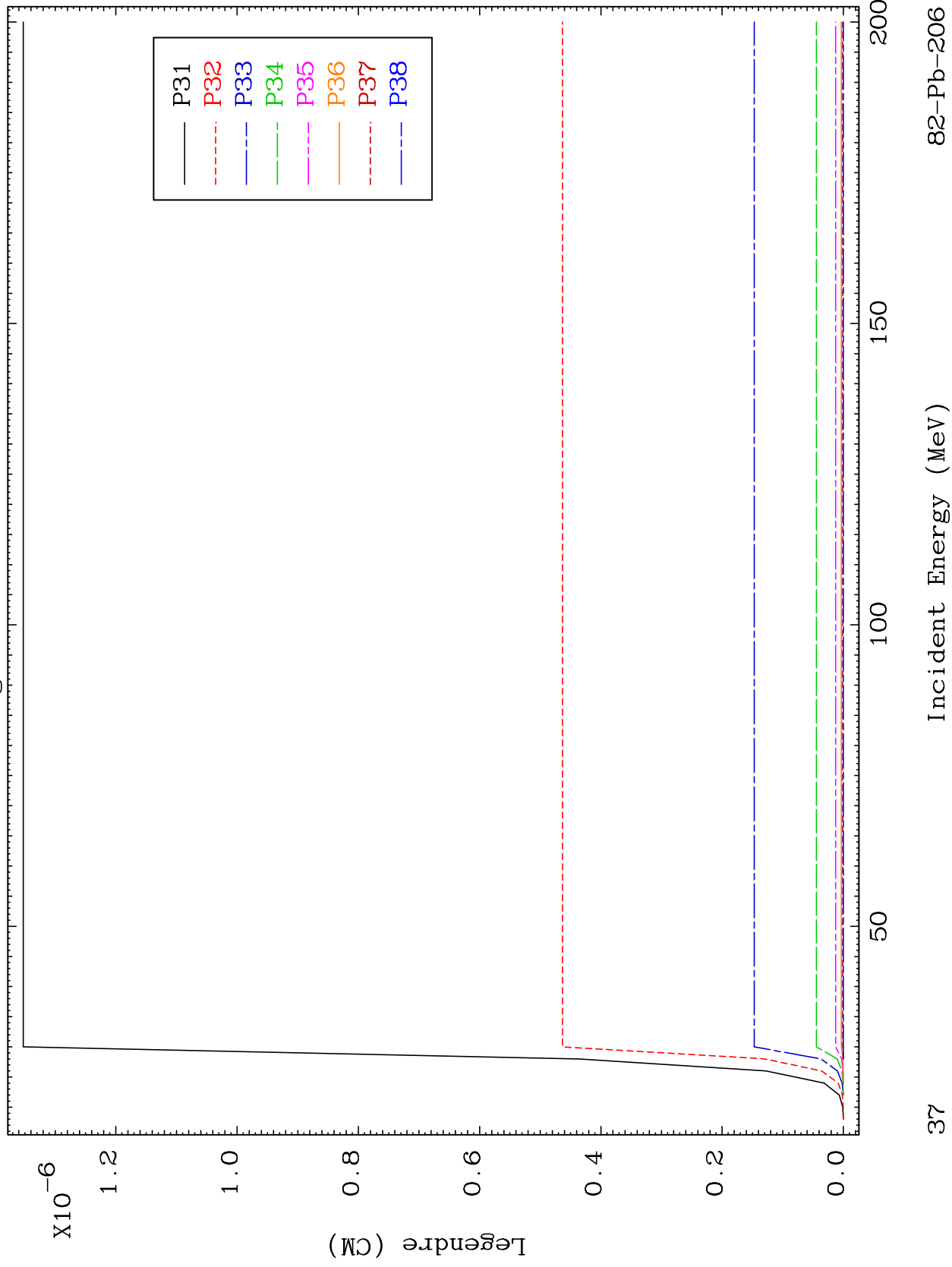
Incident Energy (MeV)

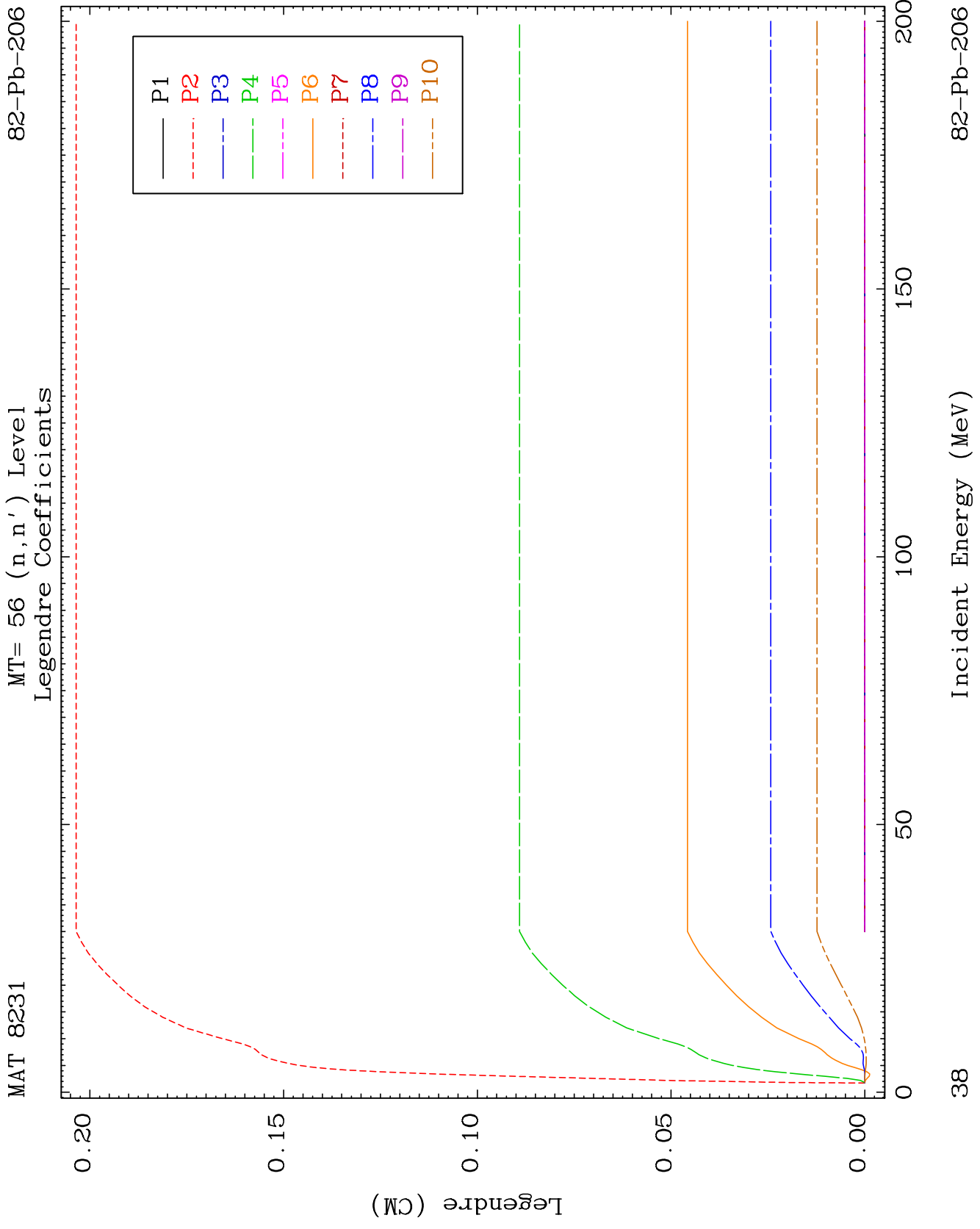
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MAT 8231

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

82-Pb-206

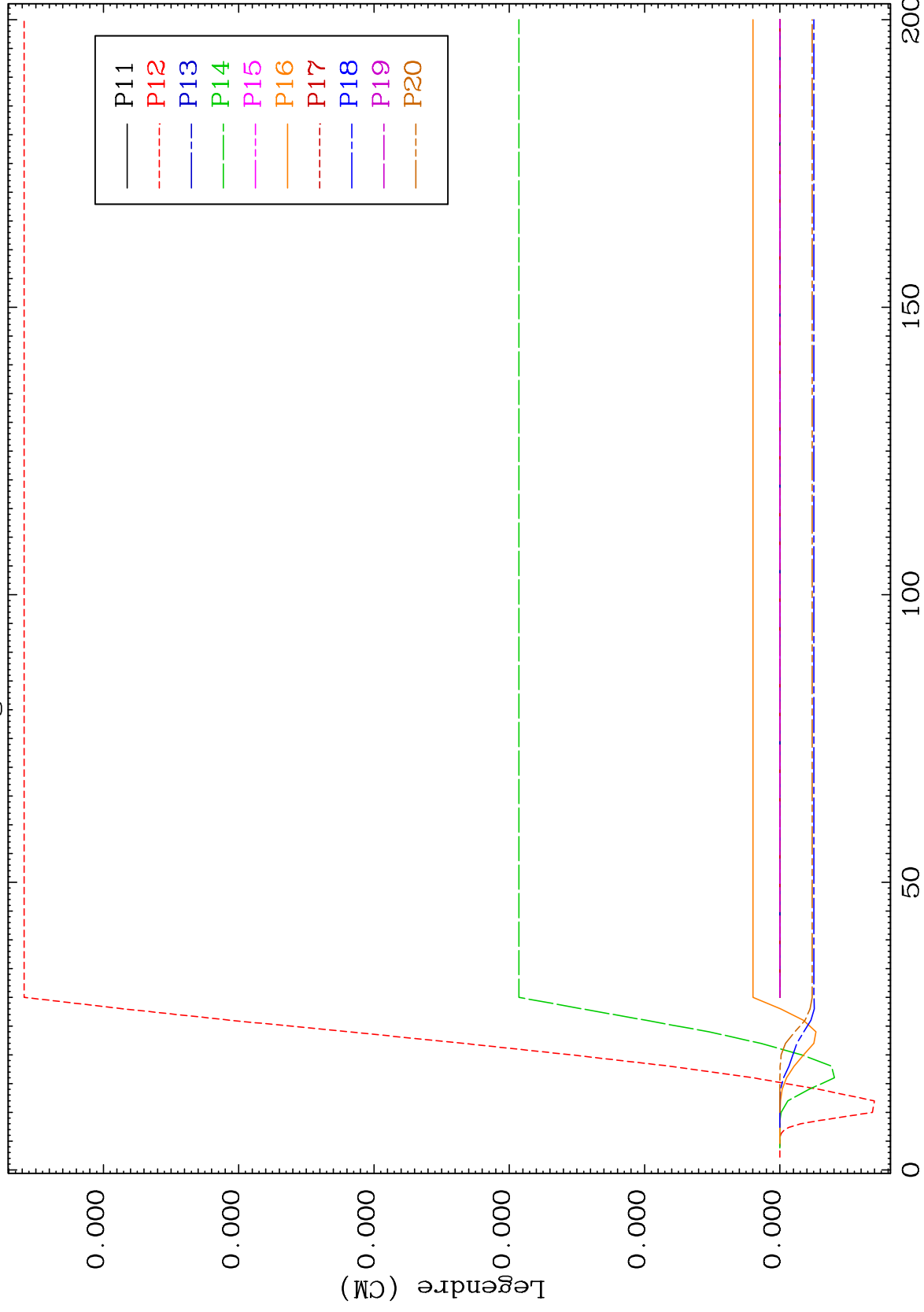




MAT 8231

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

82-Pb-206



39

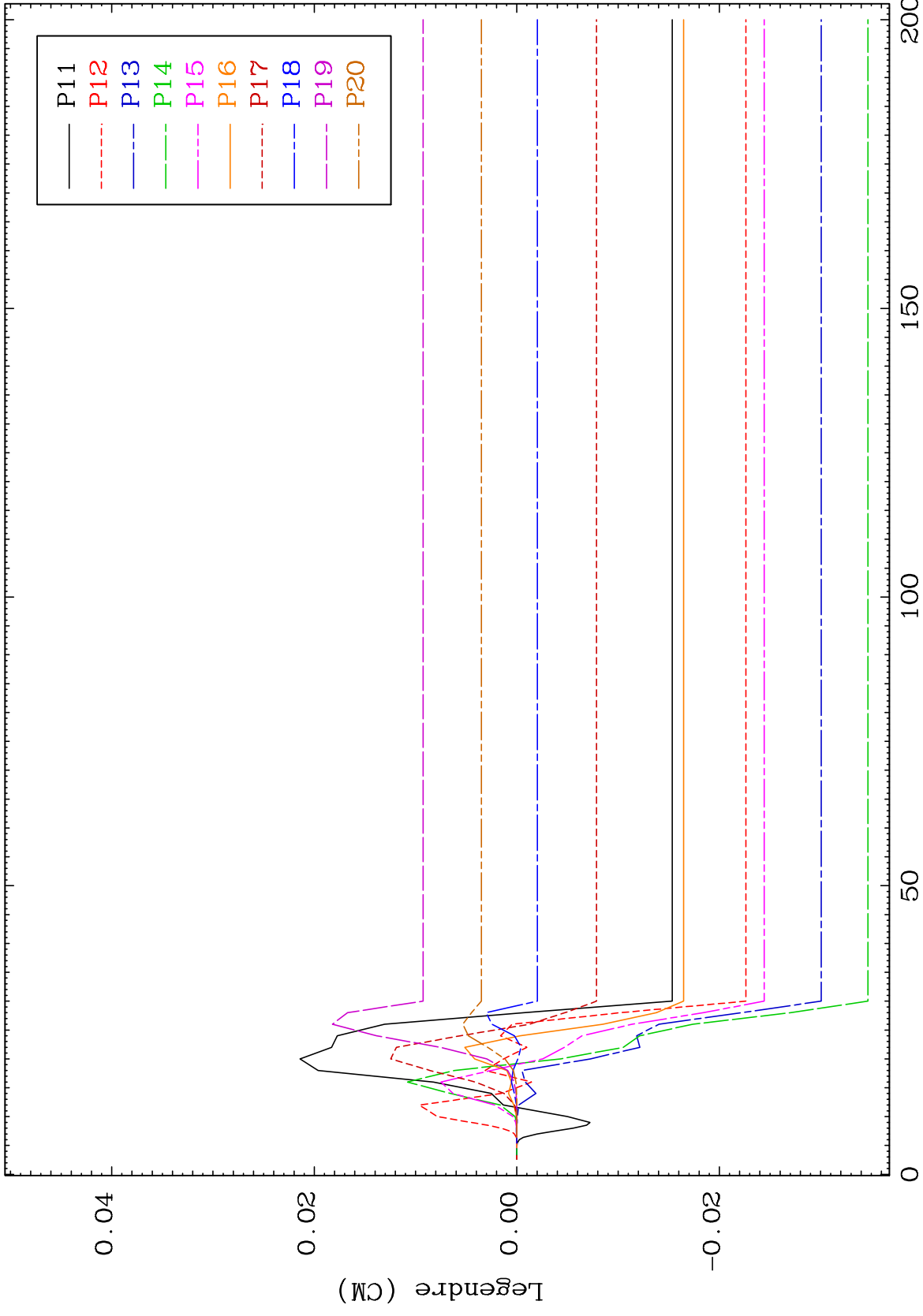
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



42

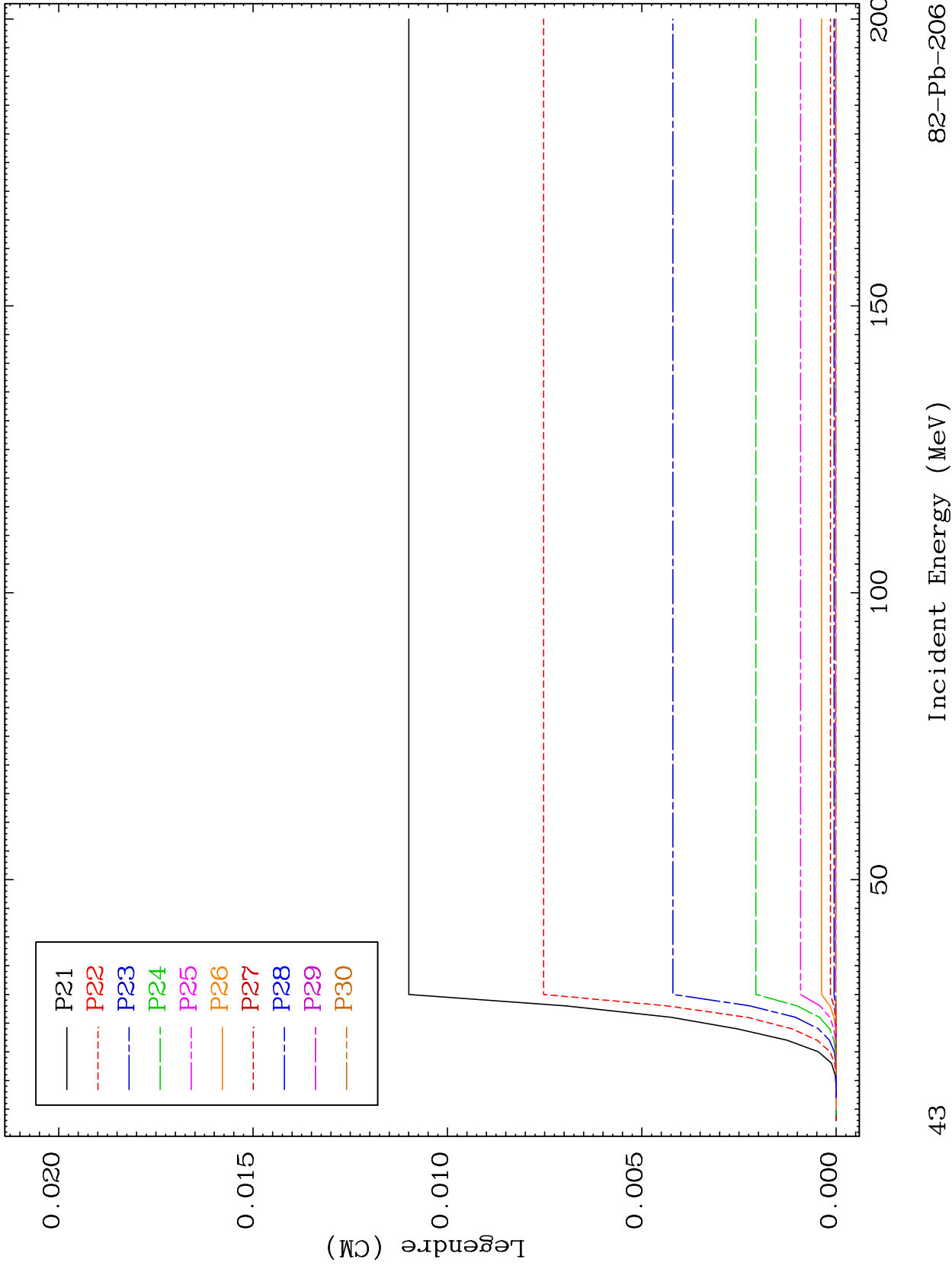
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



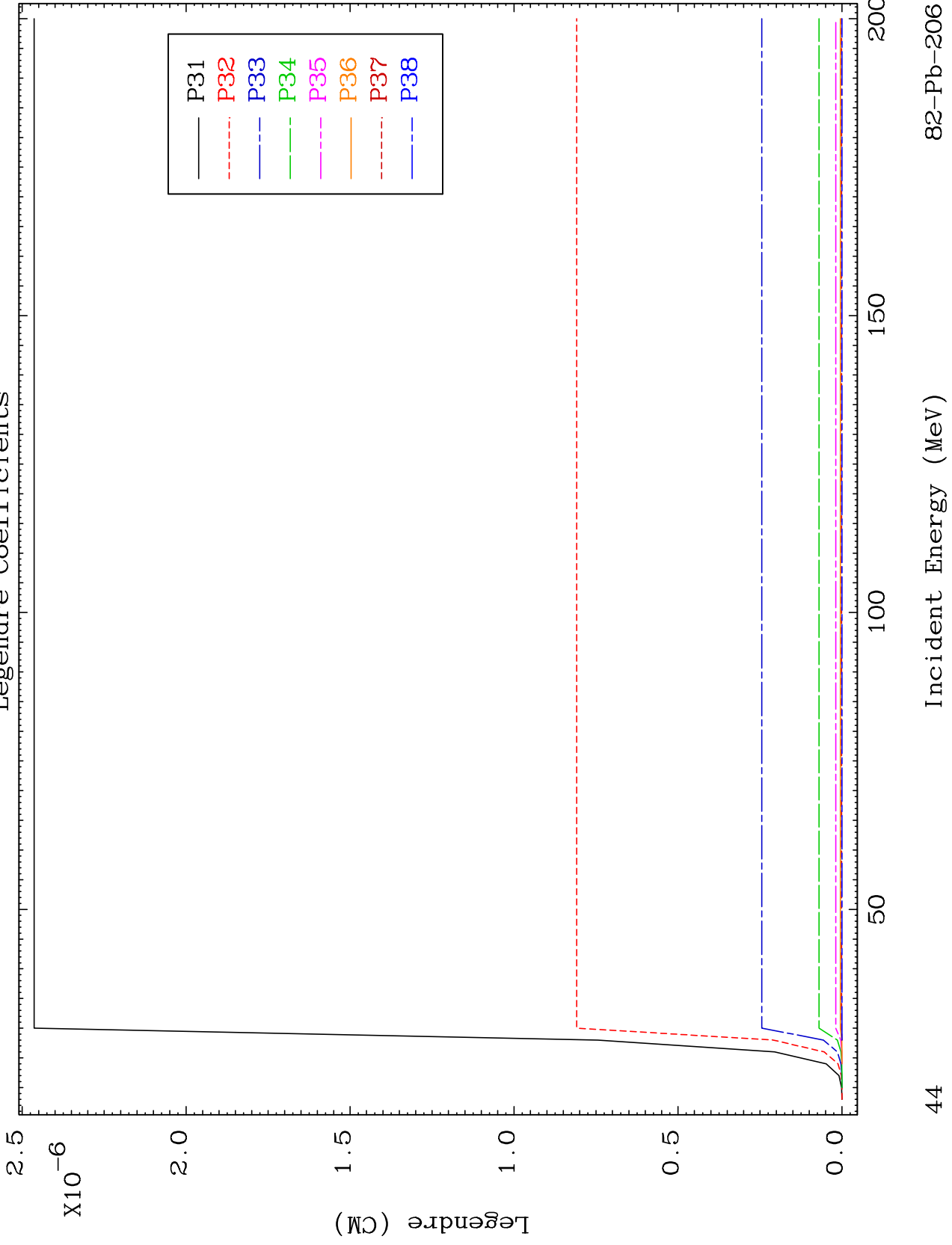
43

82-Pb-206

MAT 8231

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

82-Pb-206



44

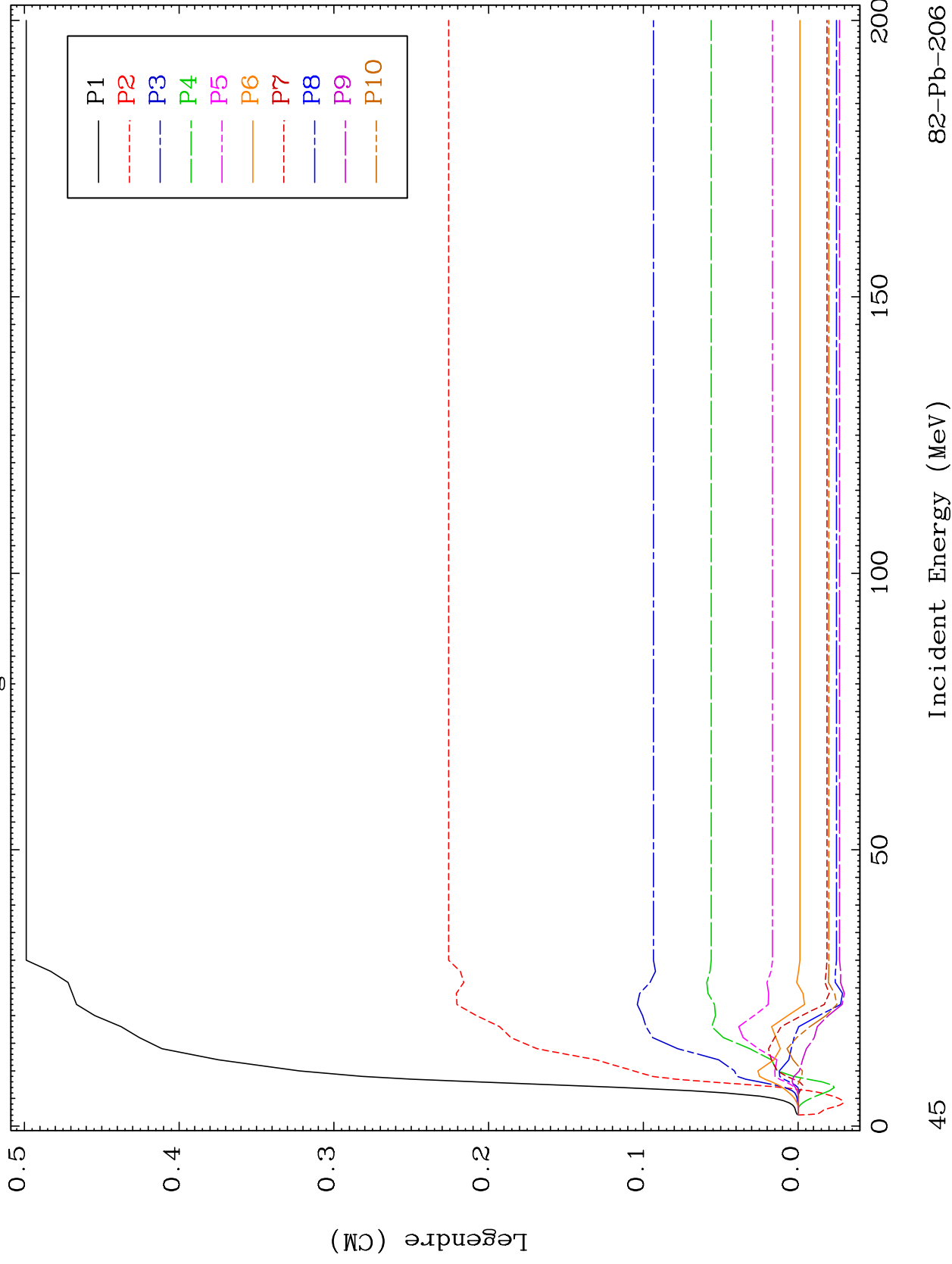
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

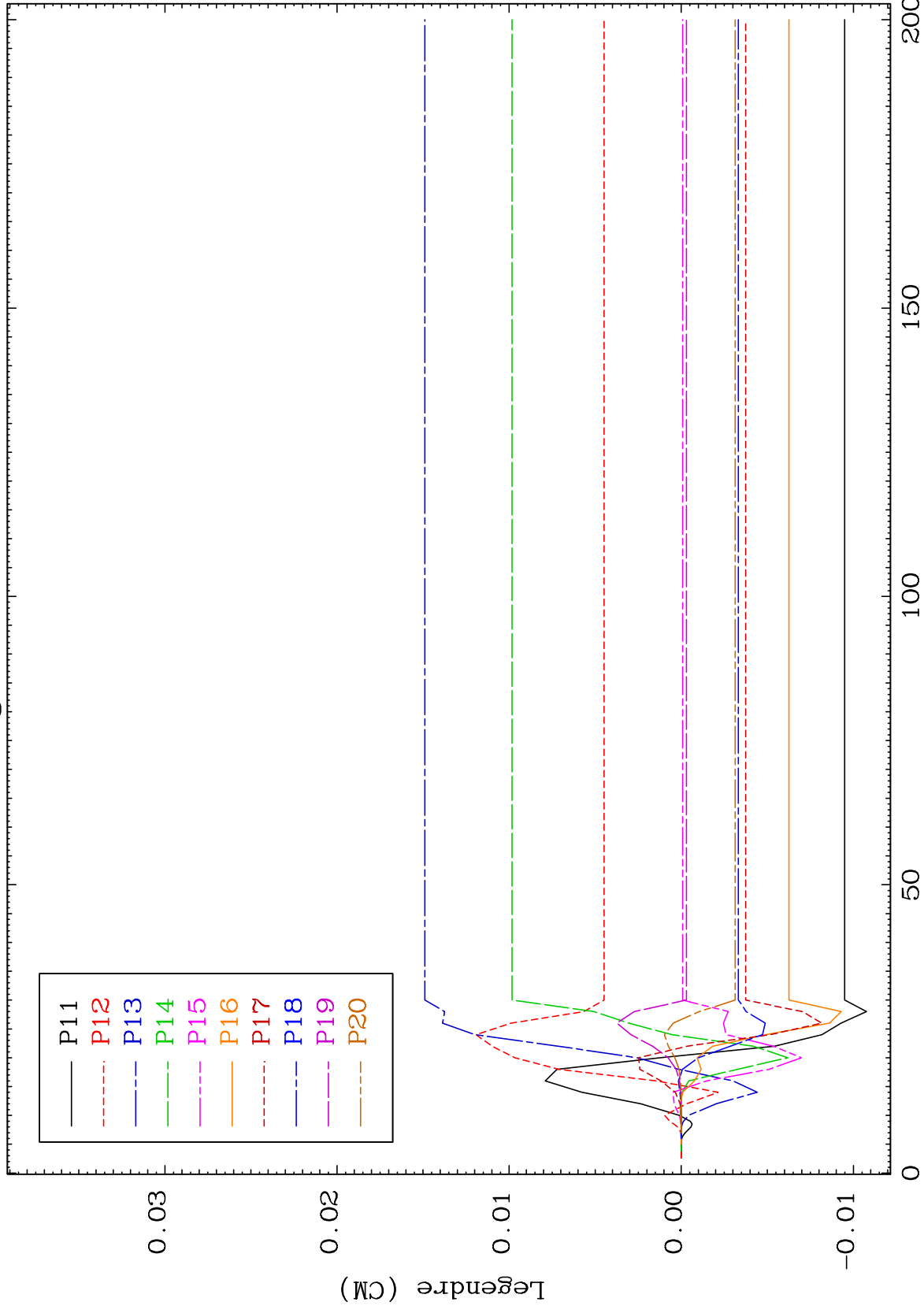
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MAT 8231

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

82-Pb-206



46

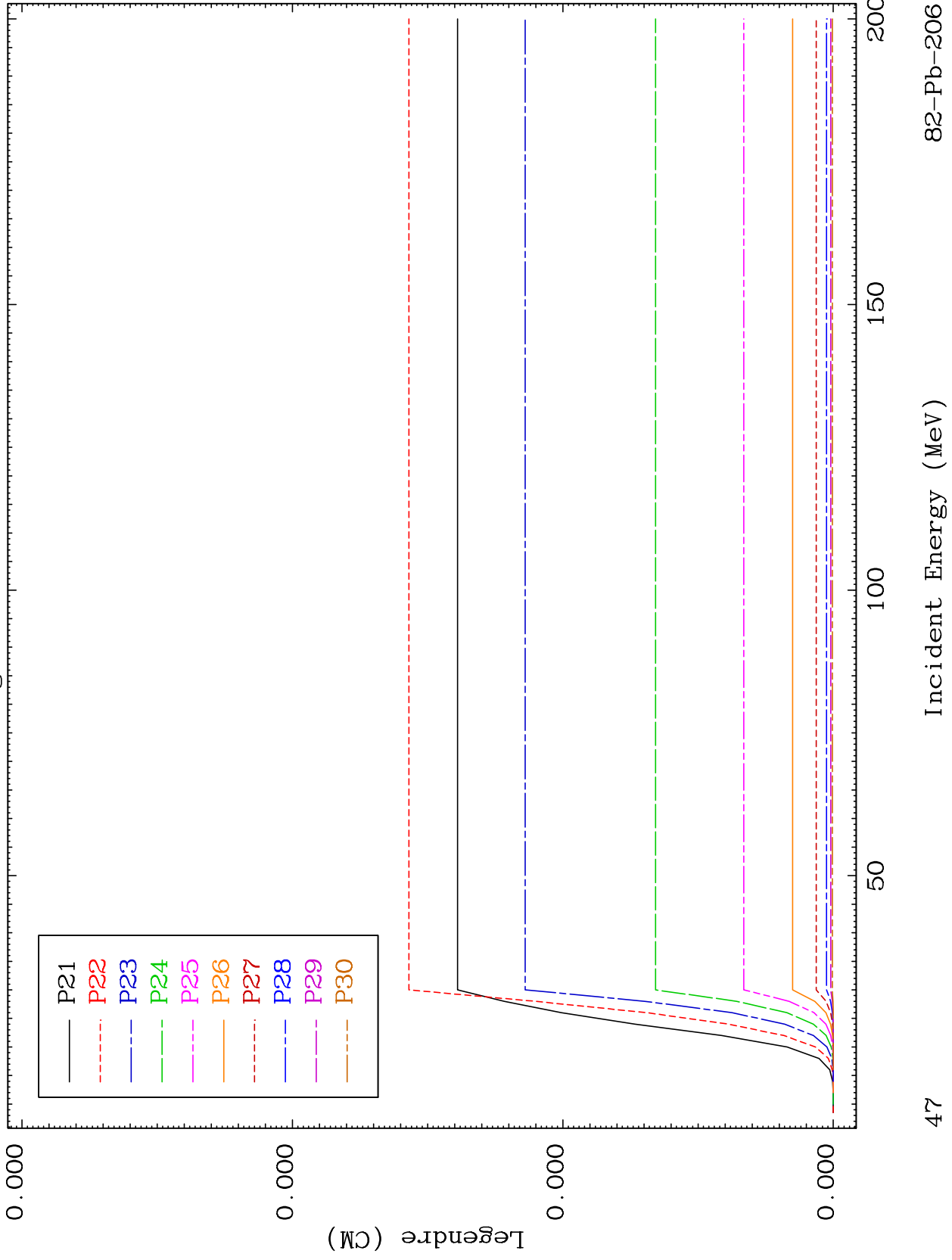
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

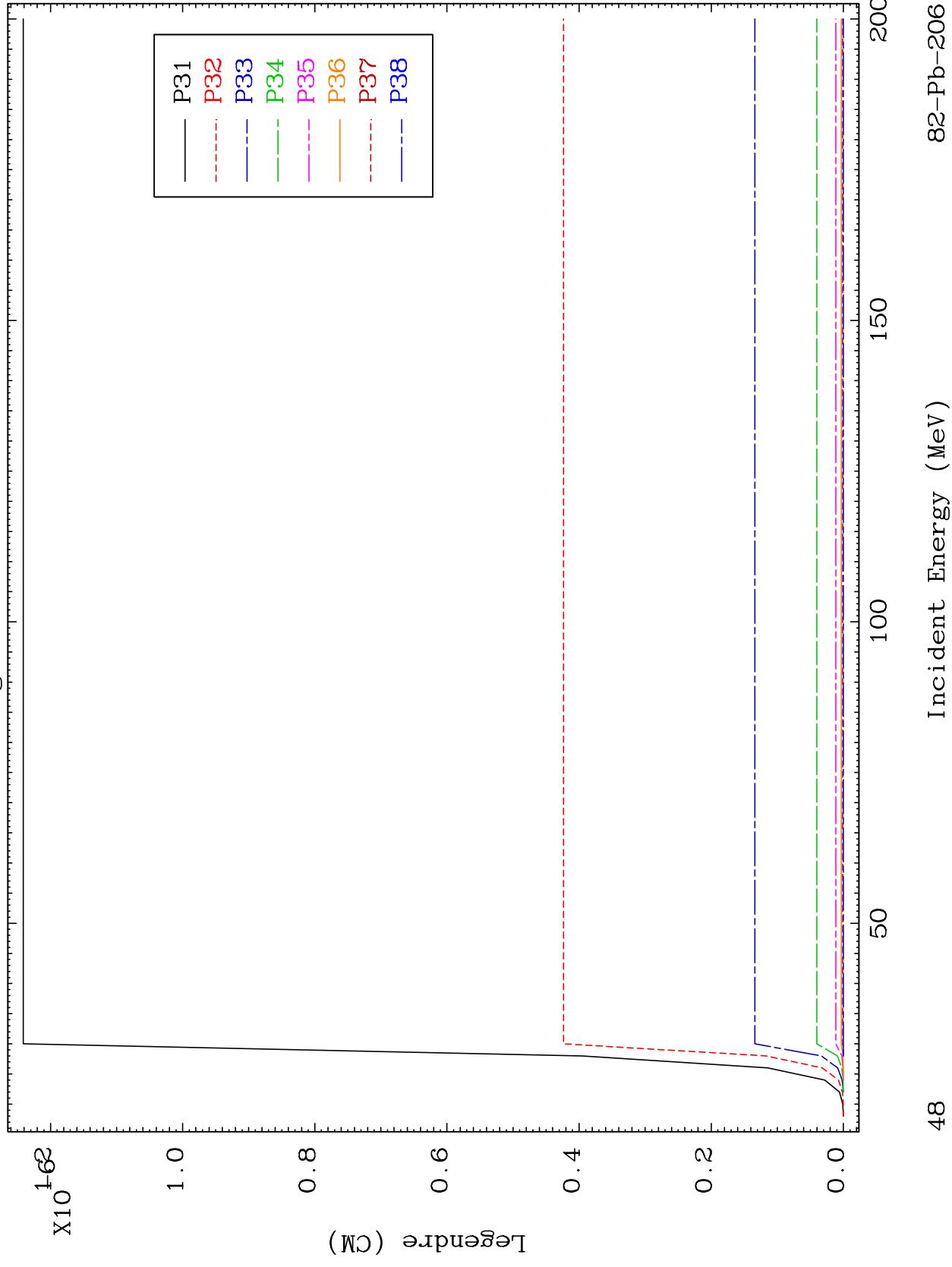
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MAT 8231

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

82-Pb-206



48

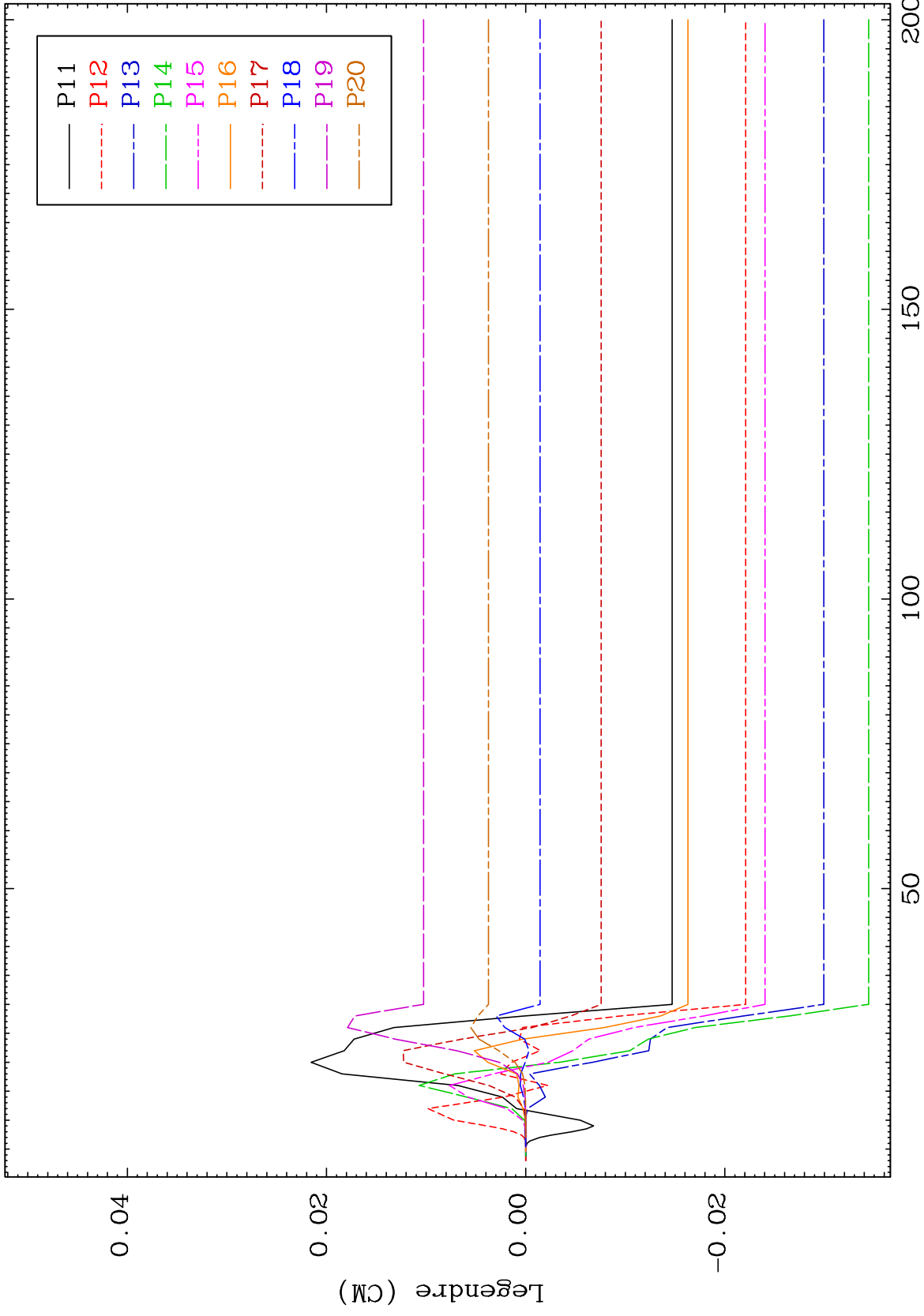
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



50

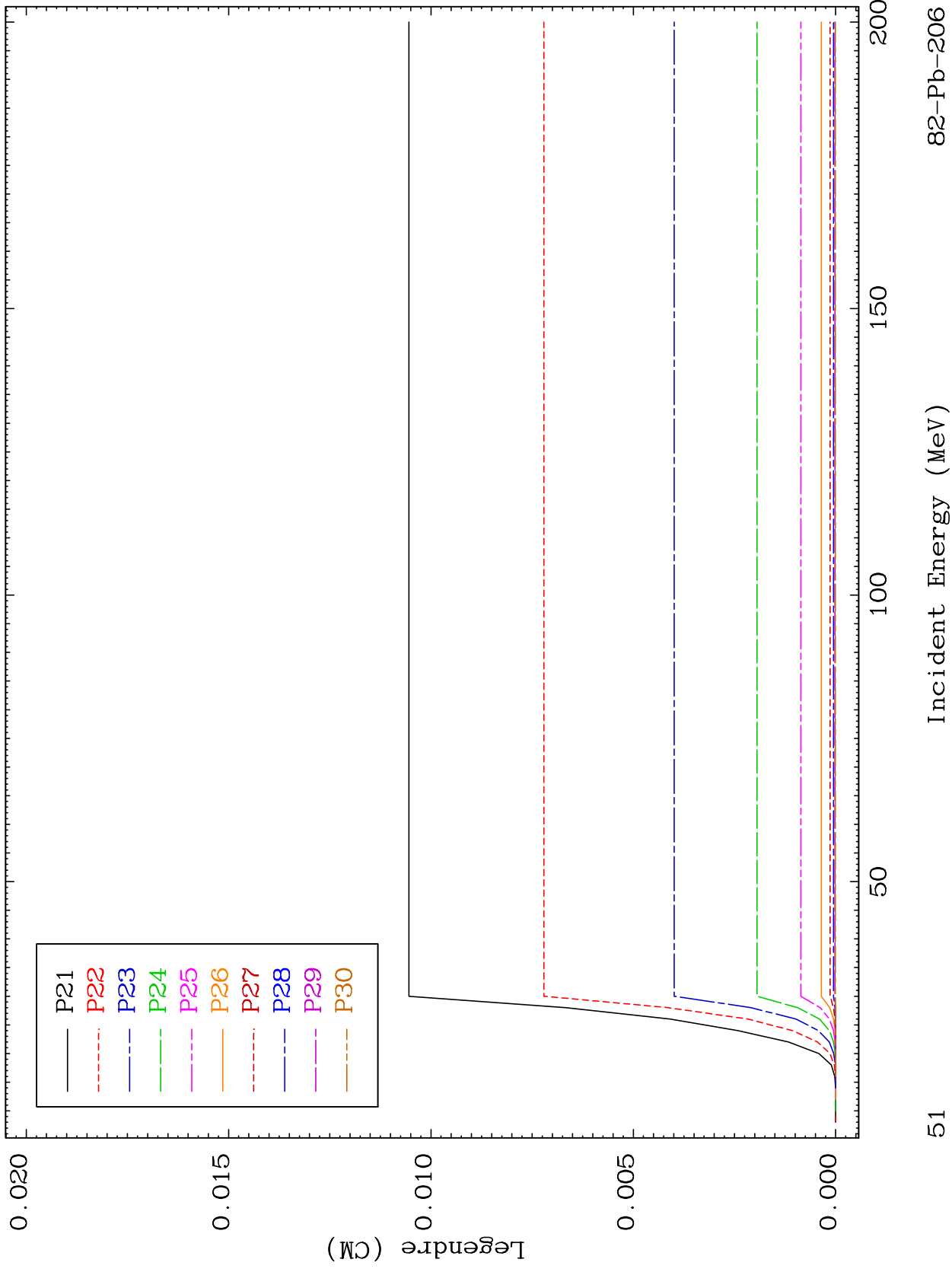
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

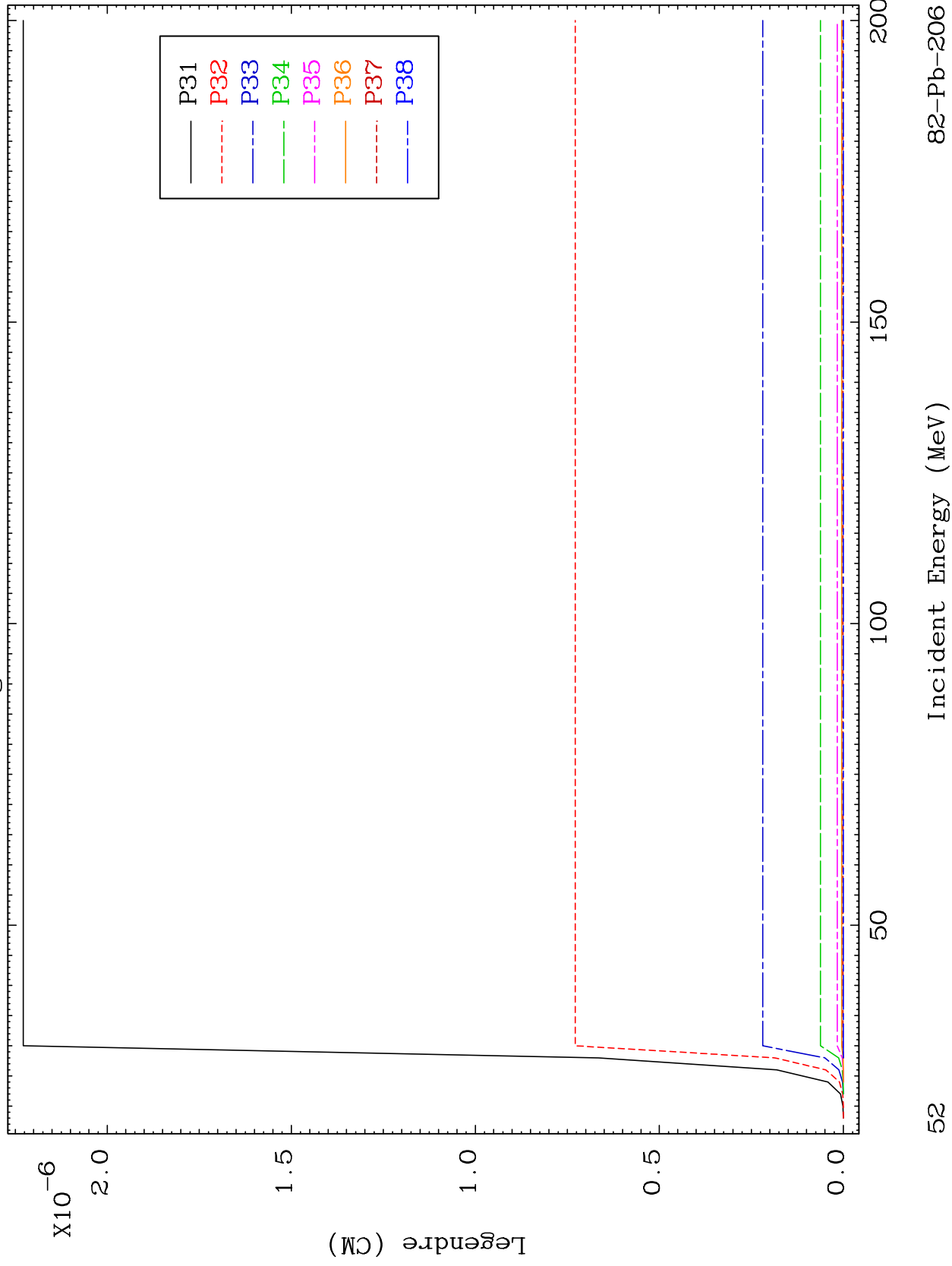
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MAT 8231

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

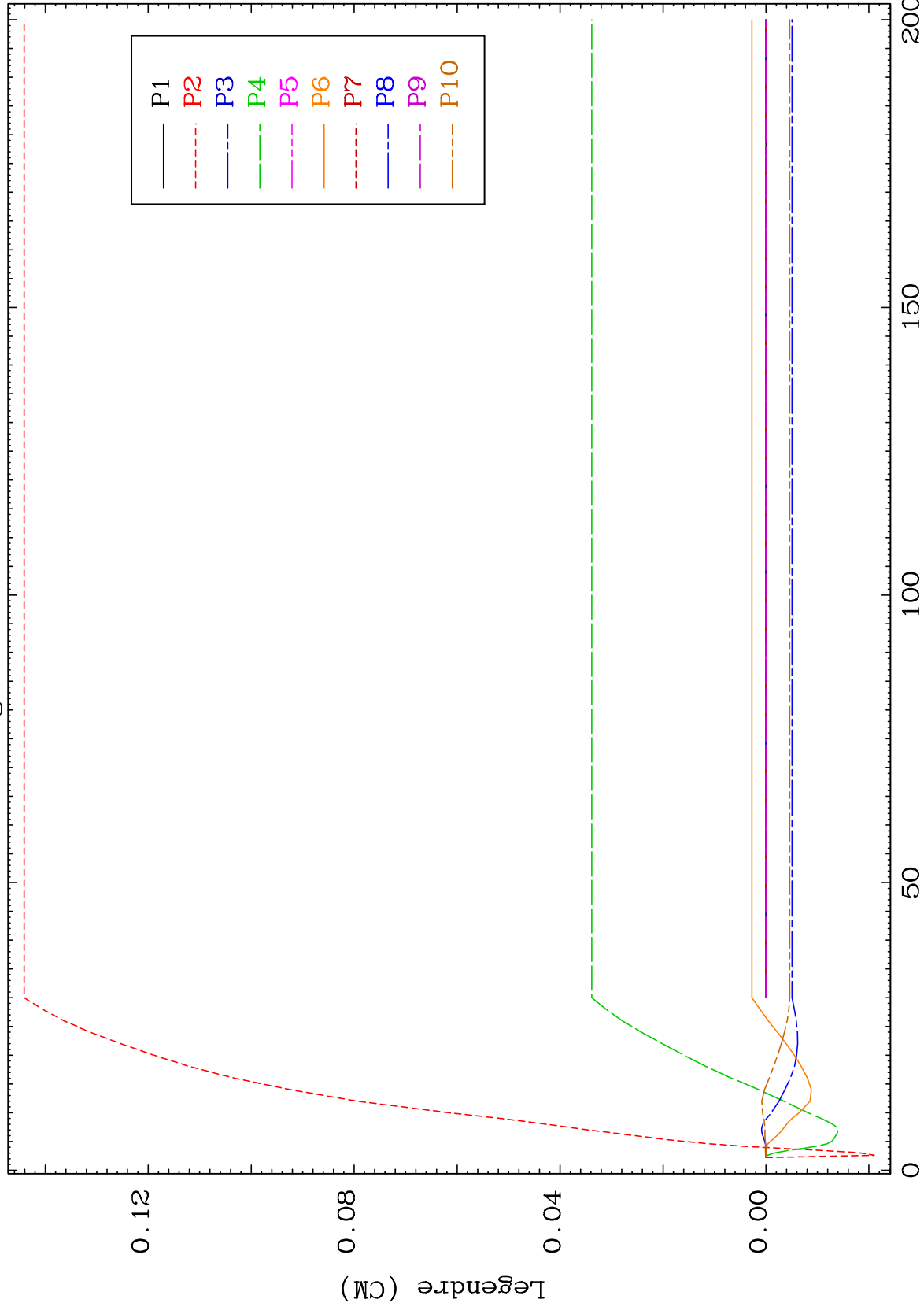
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MAT 8231

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

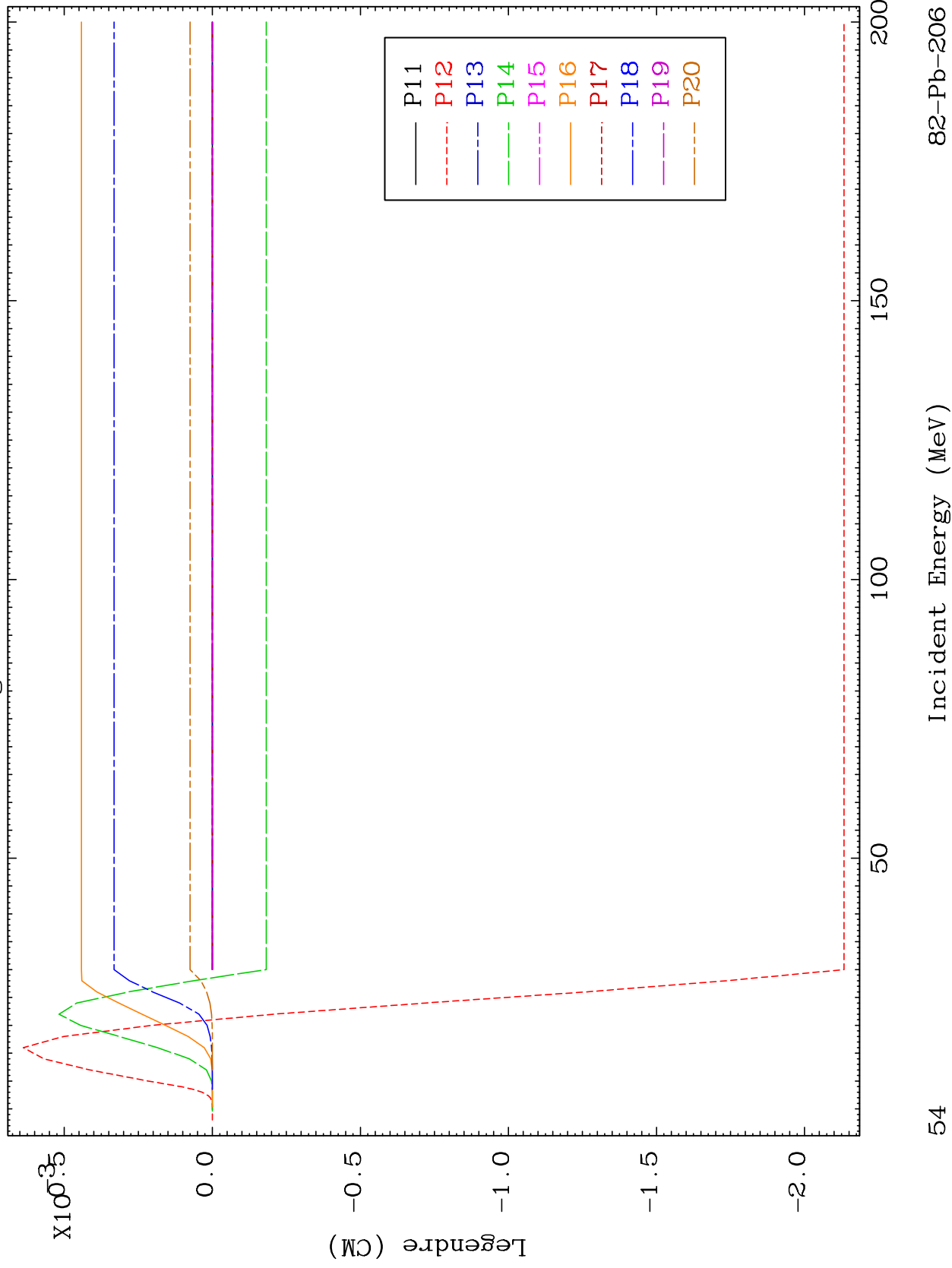
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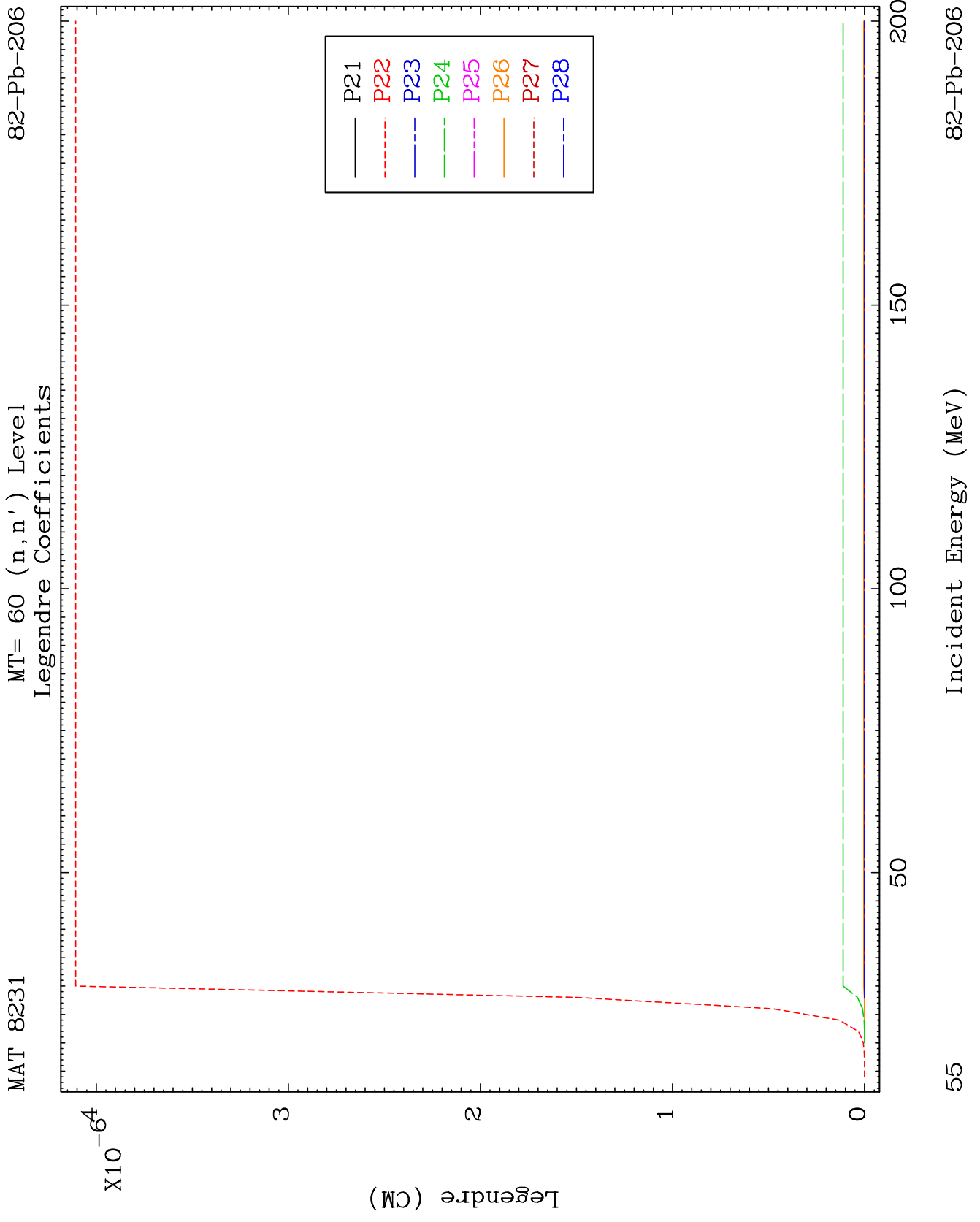


53

Incident Energy (MeV)

82-Pb-206

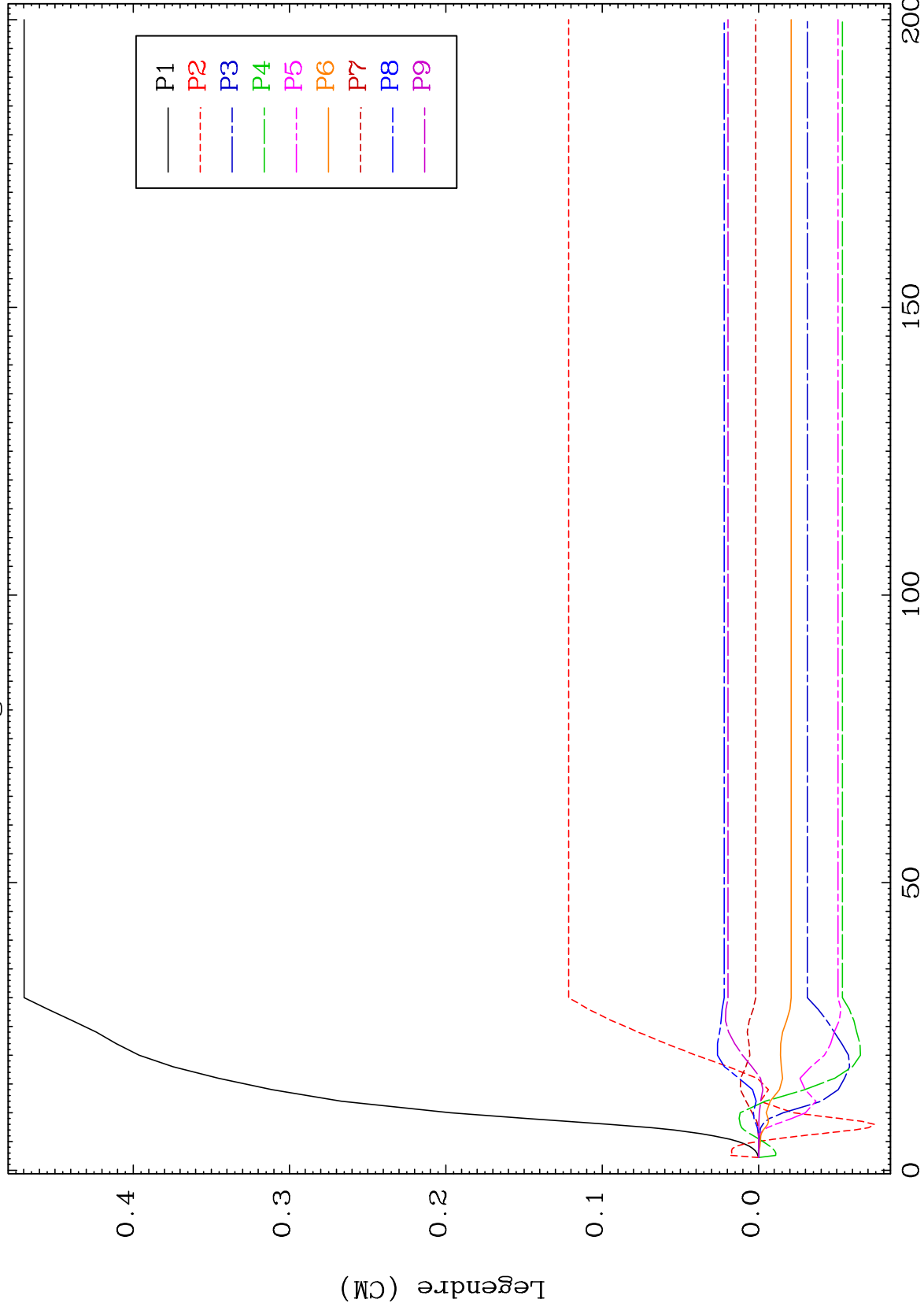




MAT 8231

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

82-Pb-206



56

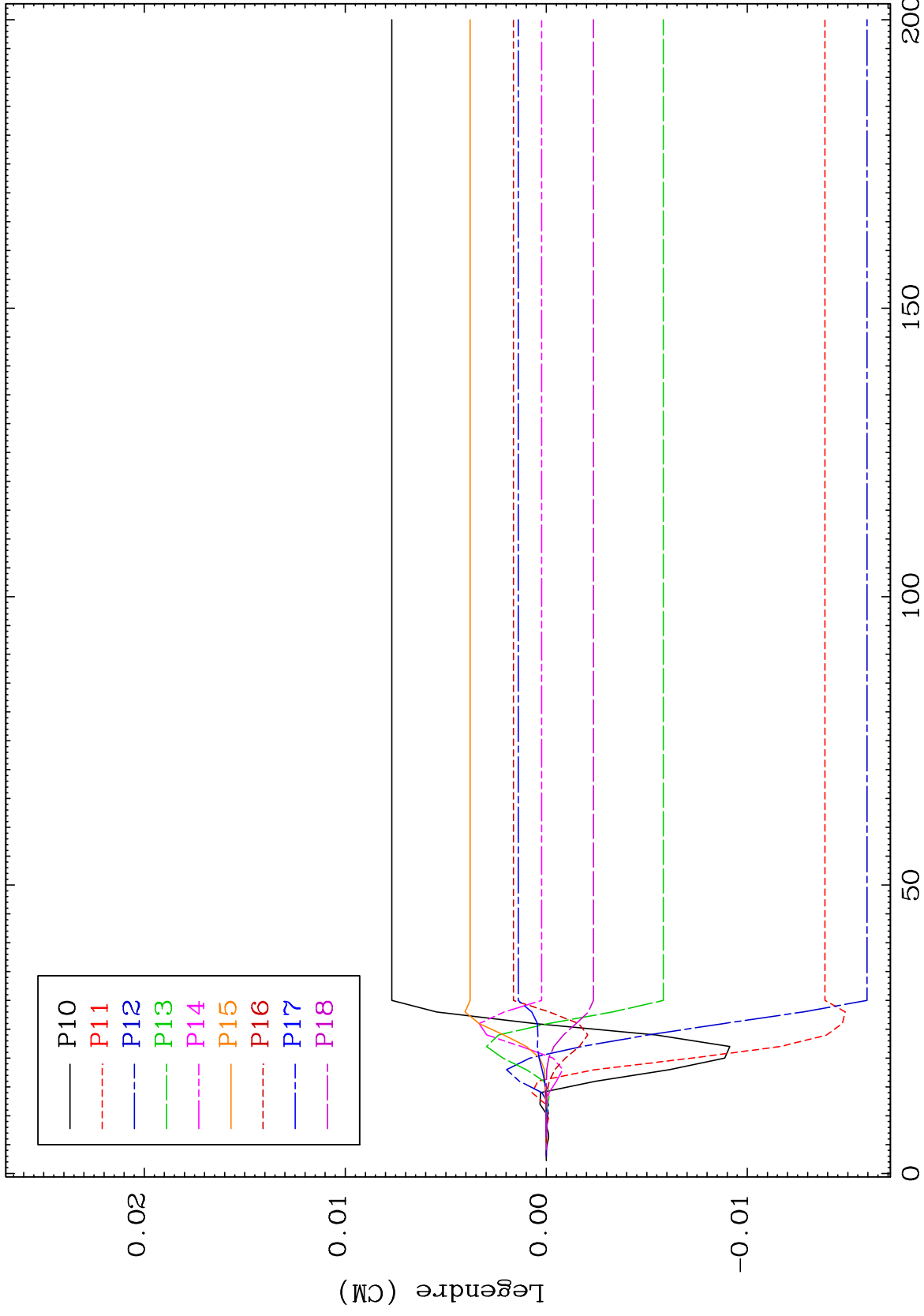
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



57

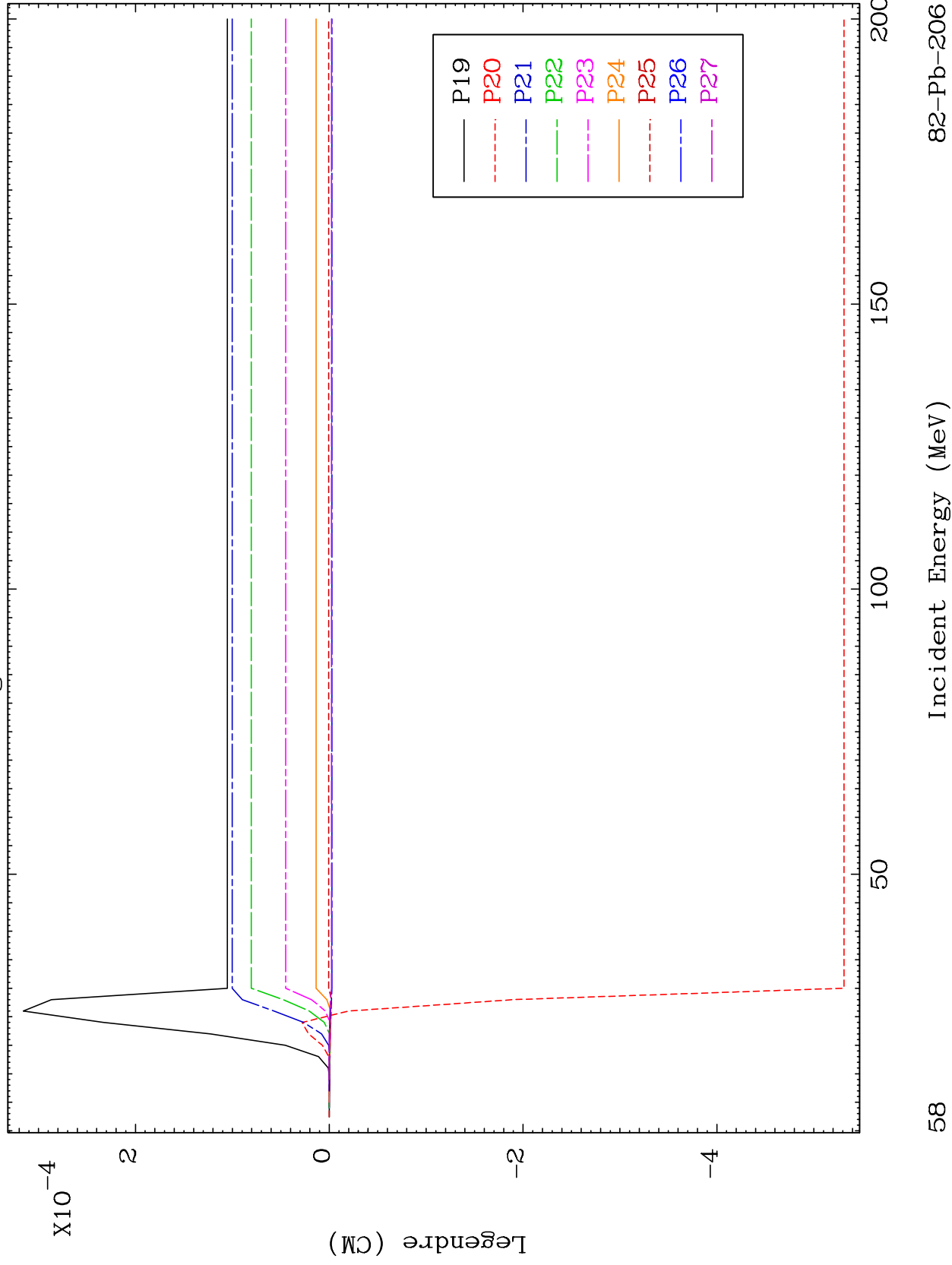
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



58

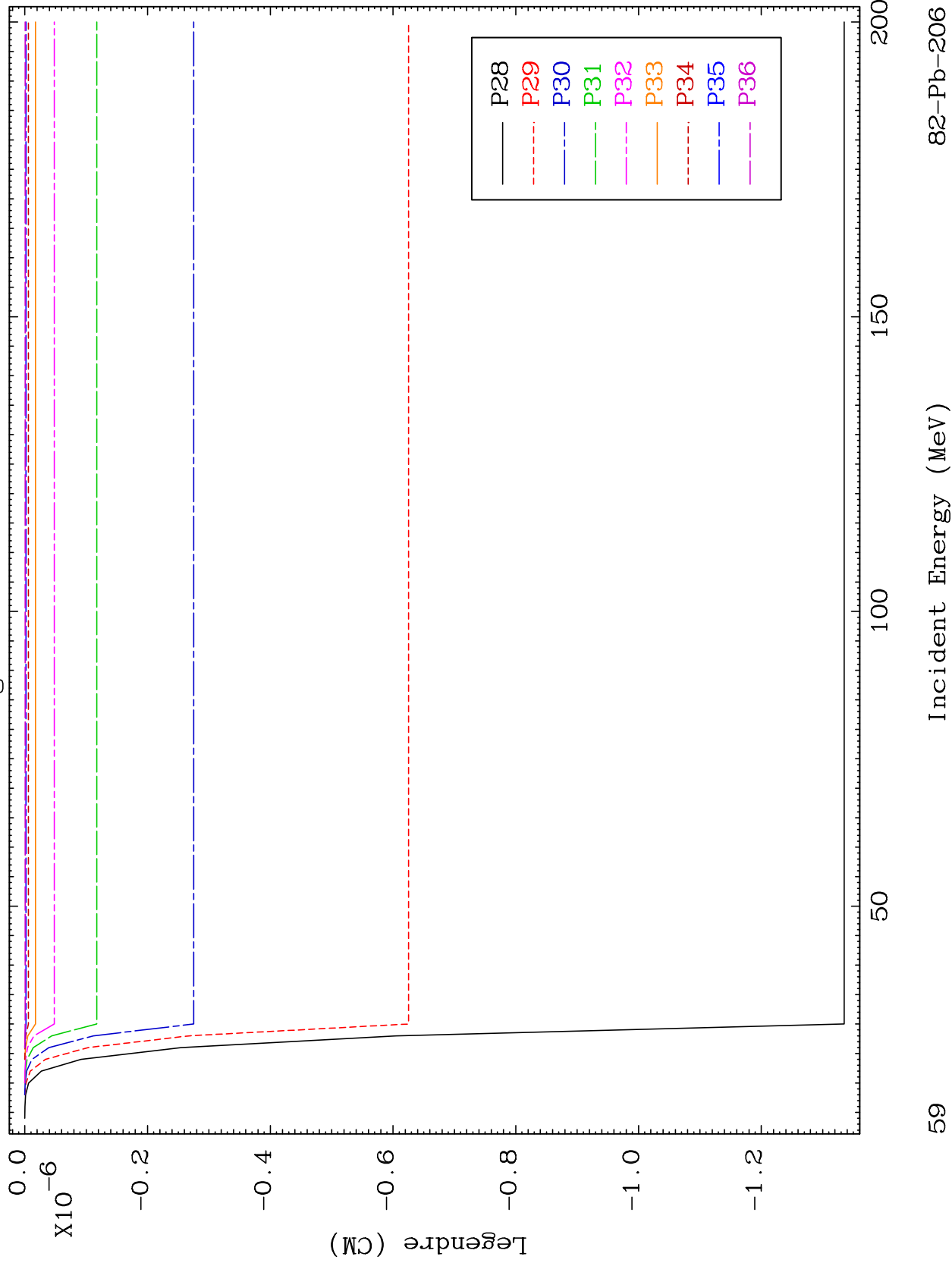
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



59

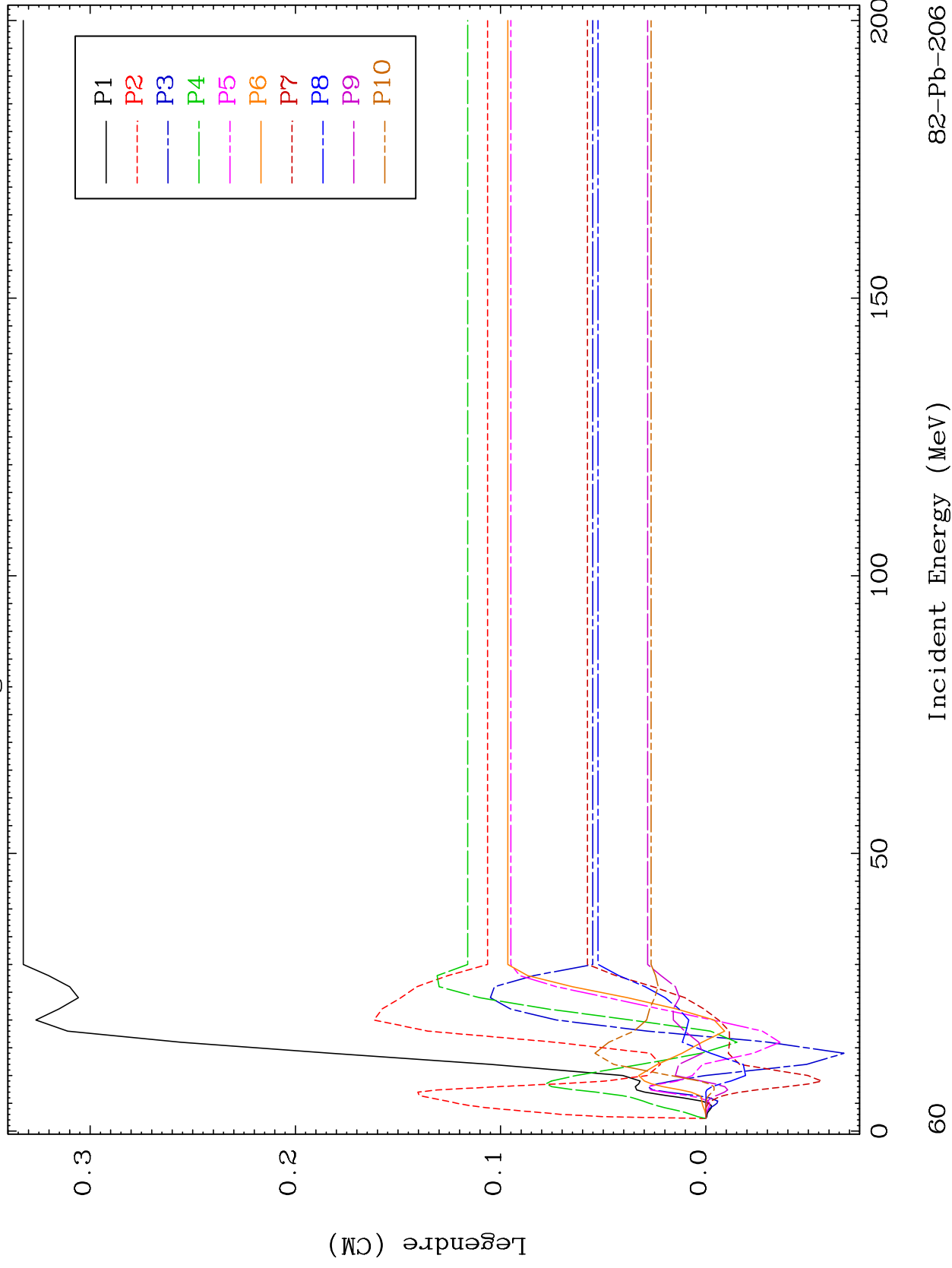
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

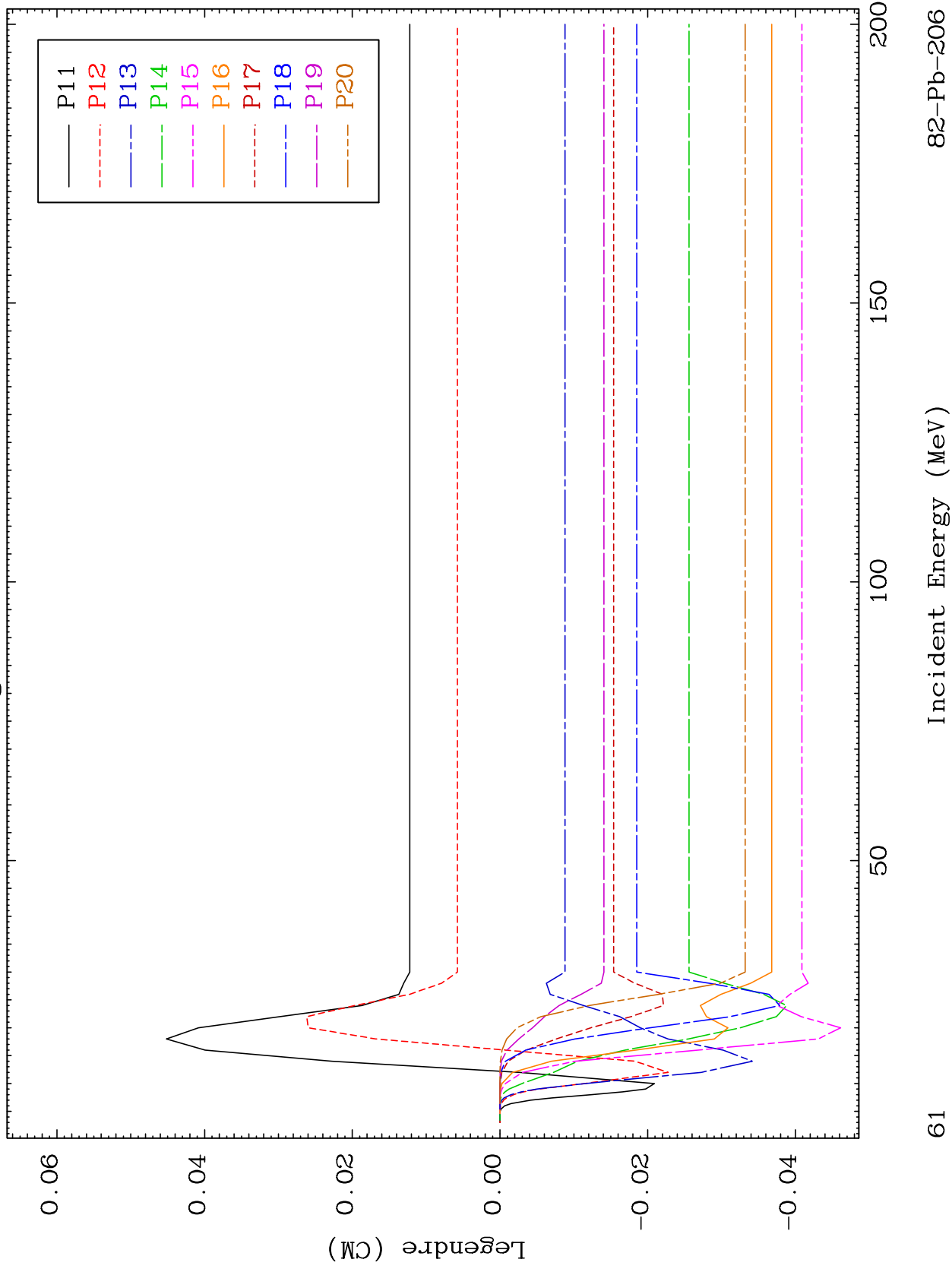
82-Pb-206



MAT 8231

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

82-Pb-206

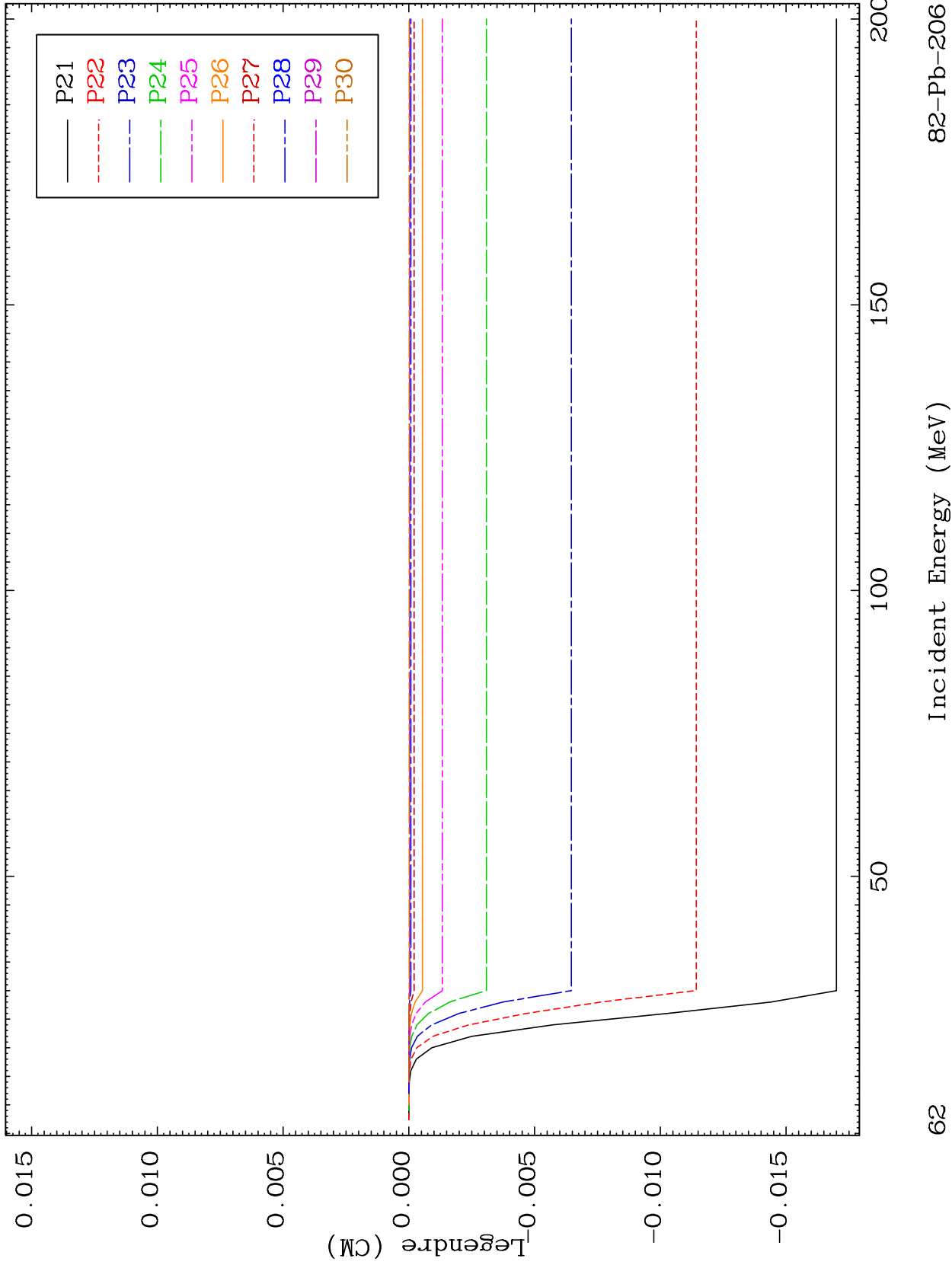


61

MAT 8231

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

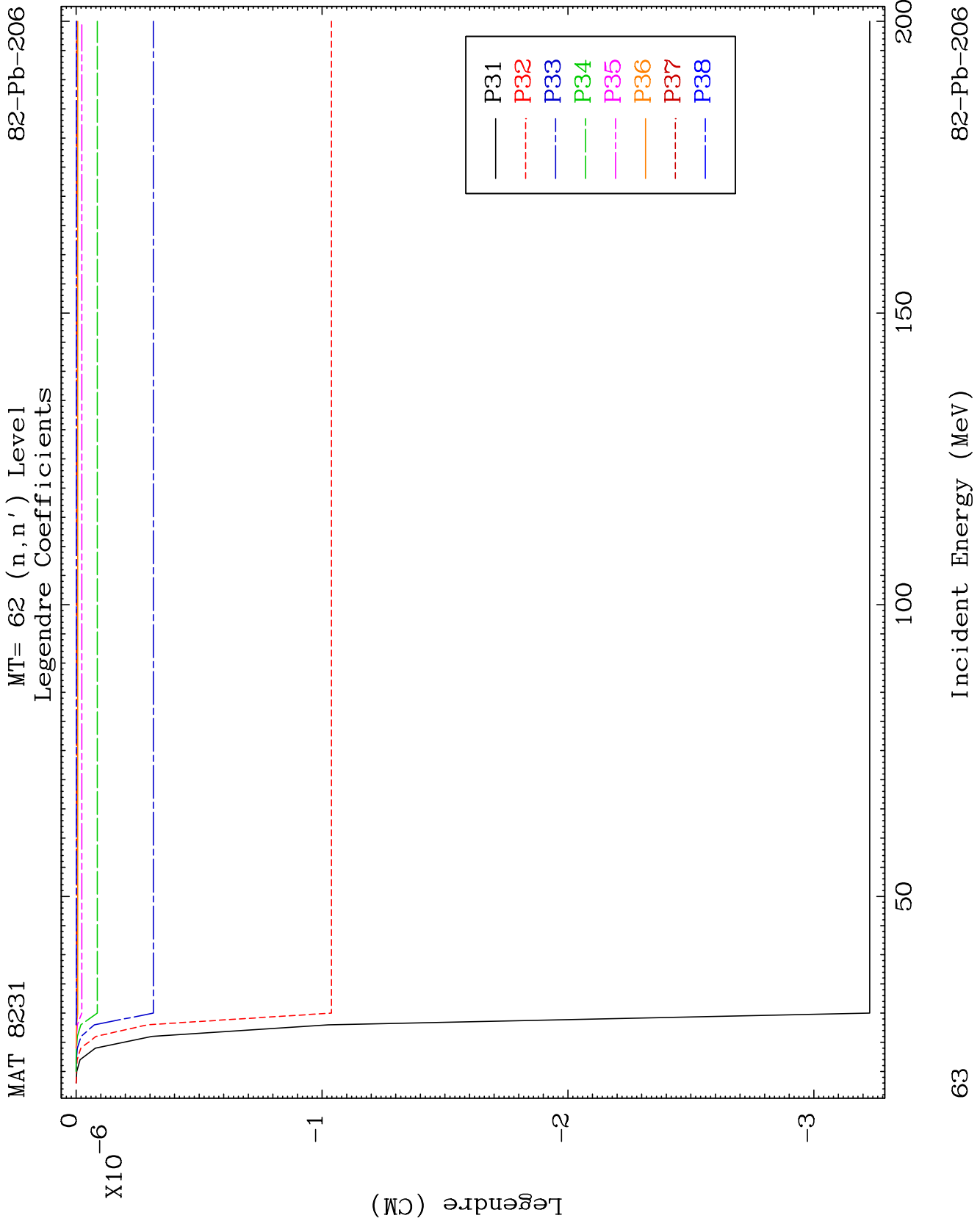
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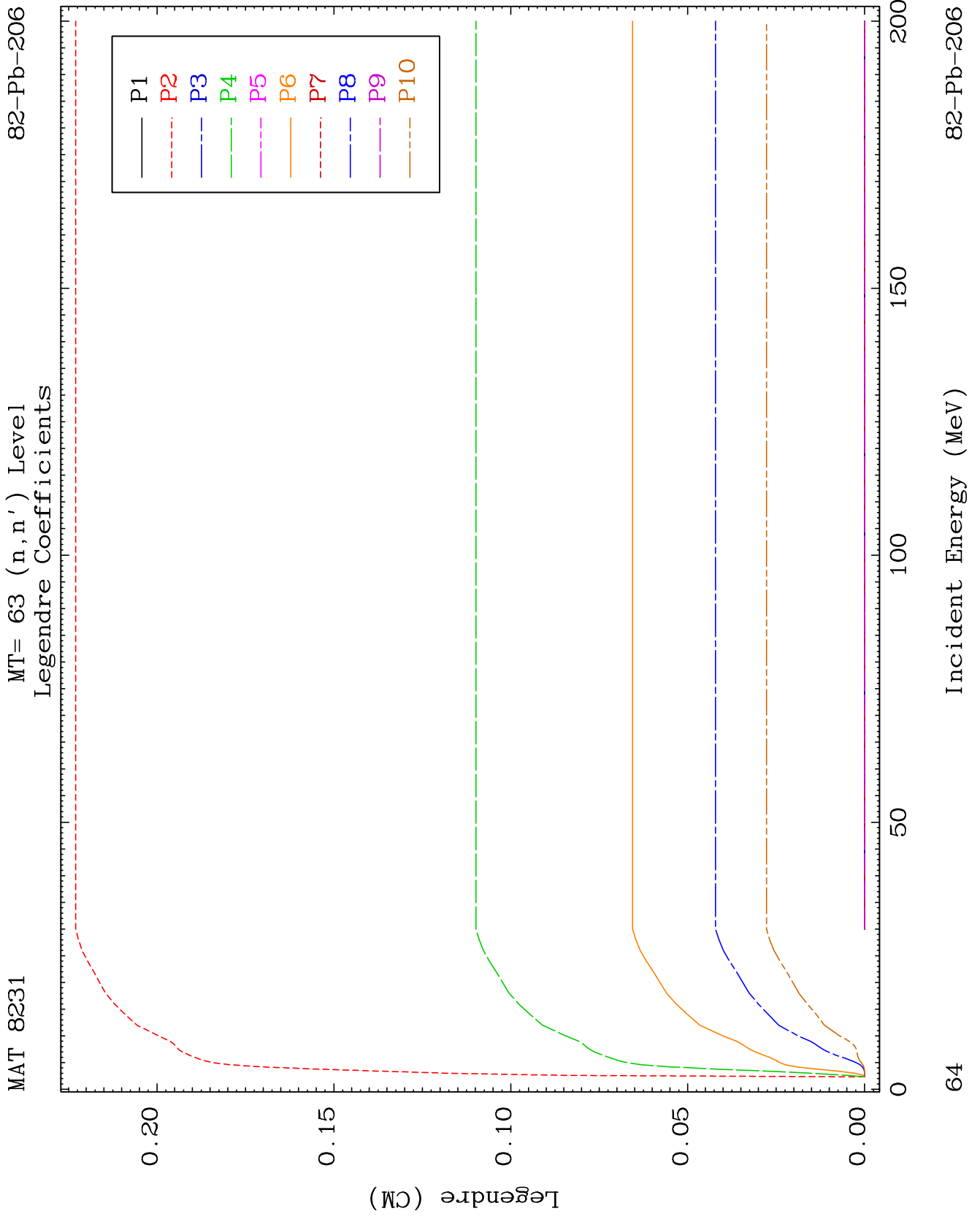


62

Incident Energy (MeV)

82-Pb-206

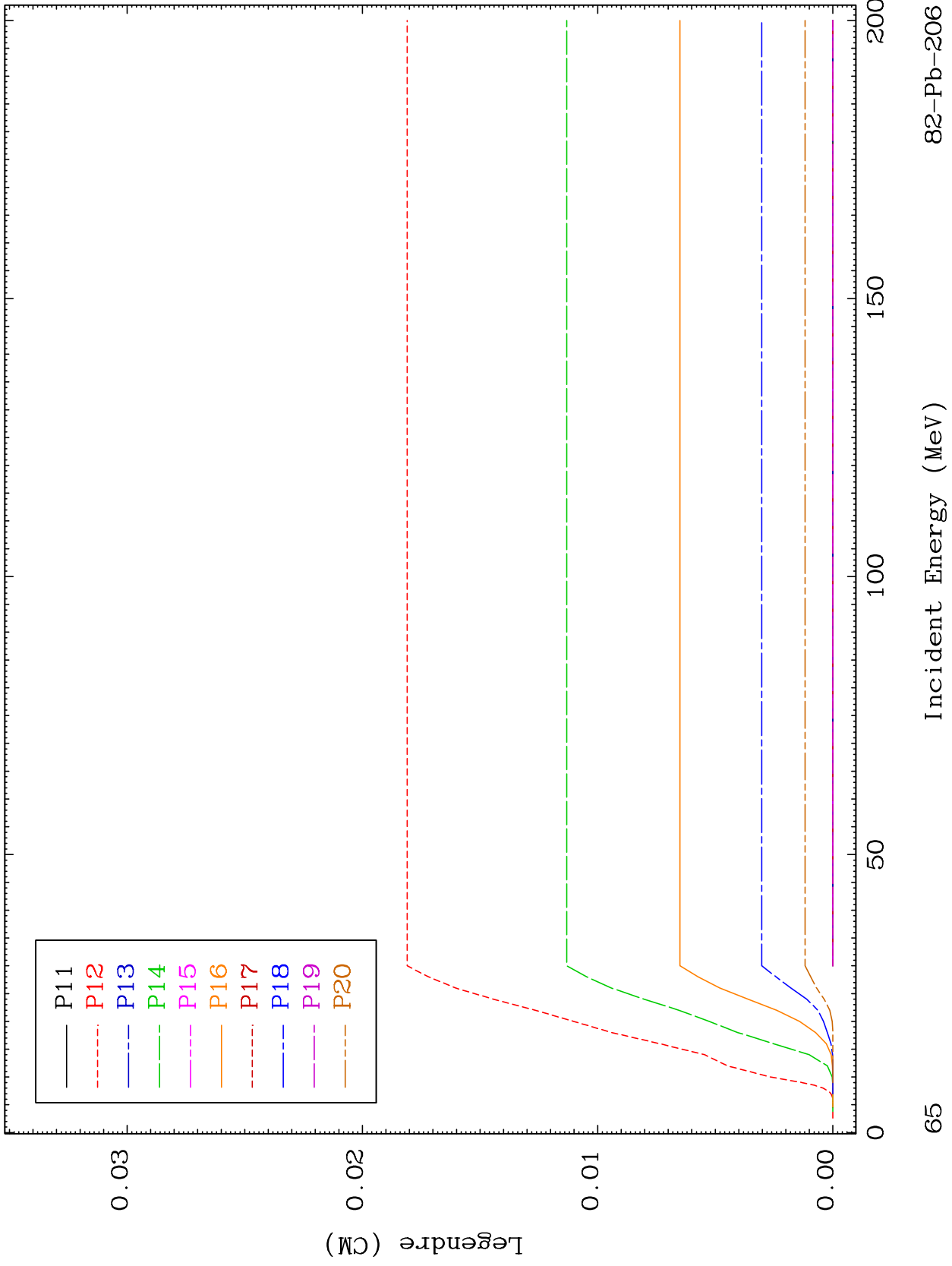




MAT 8231

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

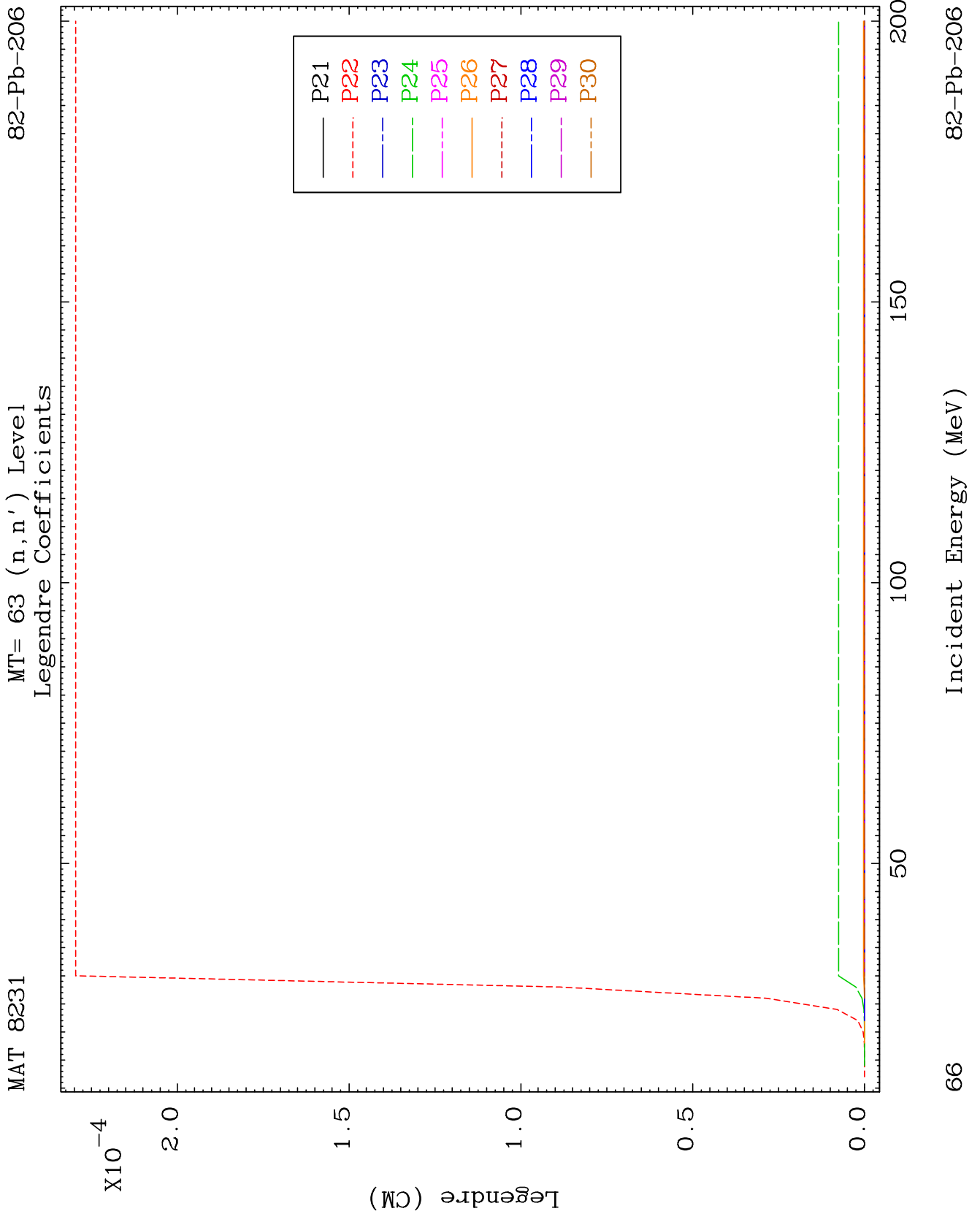
82-Pb-206



65

Incident Energy (MeV)

82-Pb-206

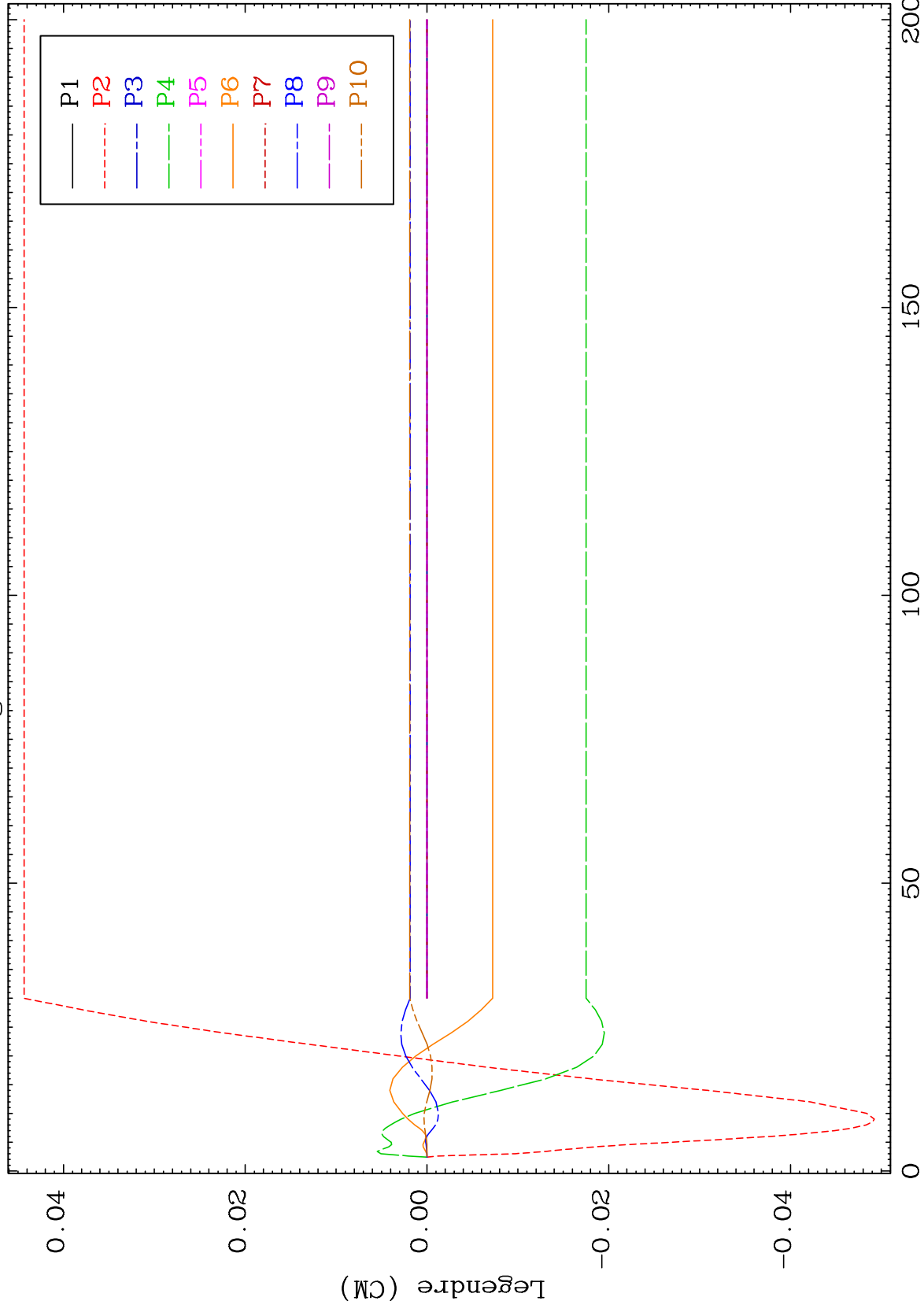


MAT 8231

MT= 64 (n,n') Level

82-Pb-206

Legendre Coefficients



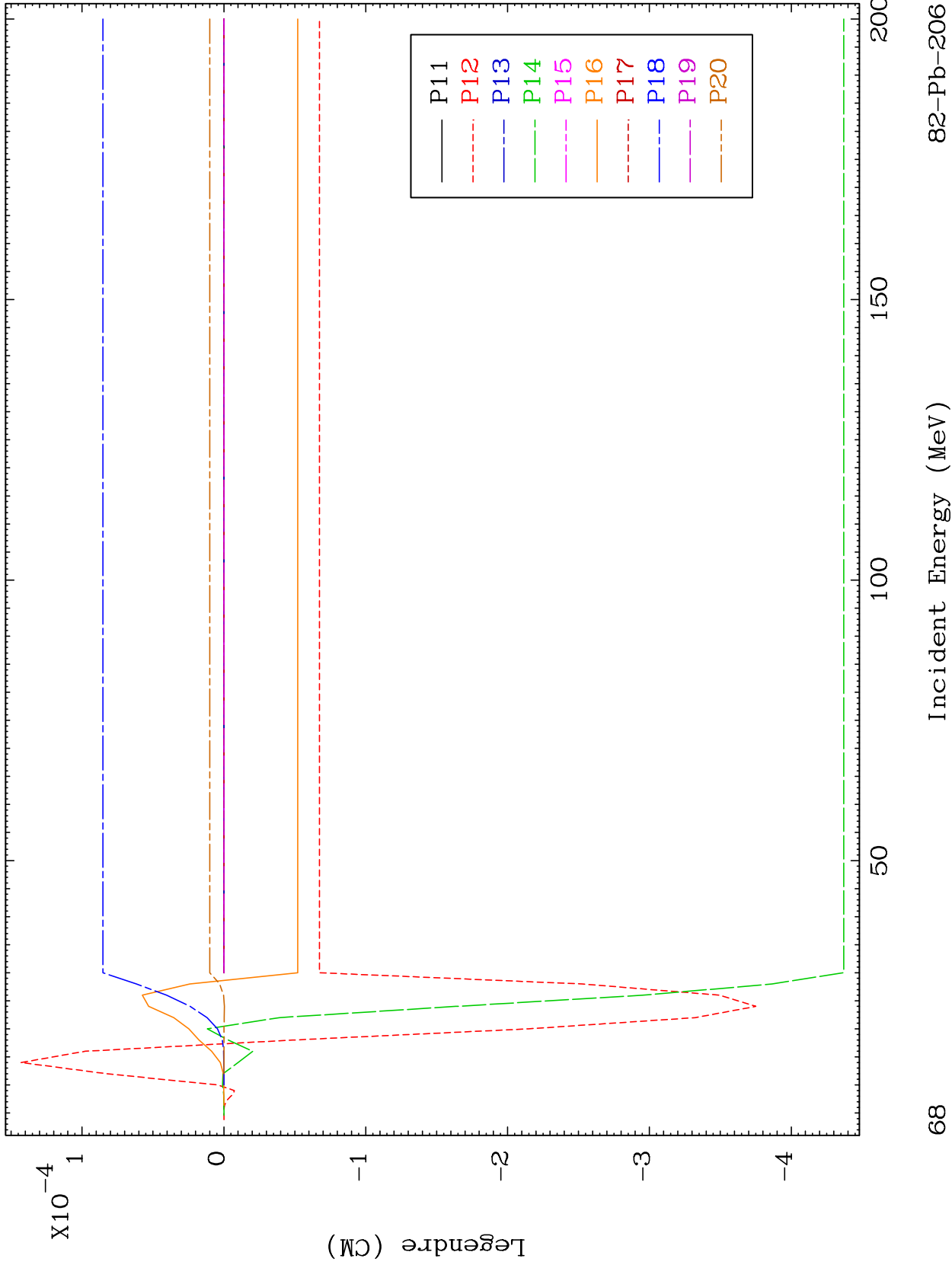
67

82-Pb-206

MAT 8231

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

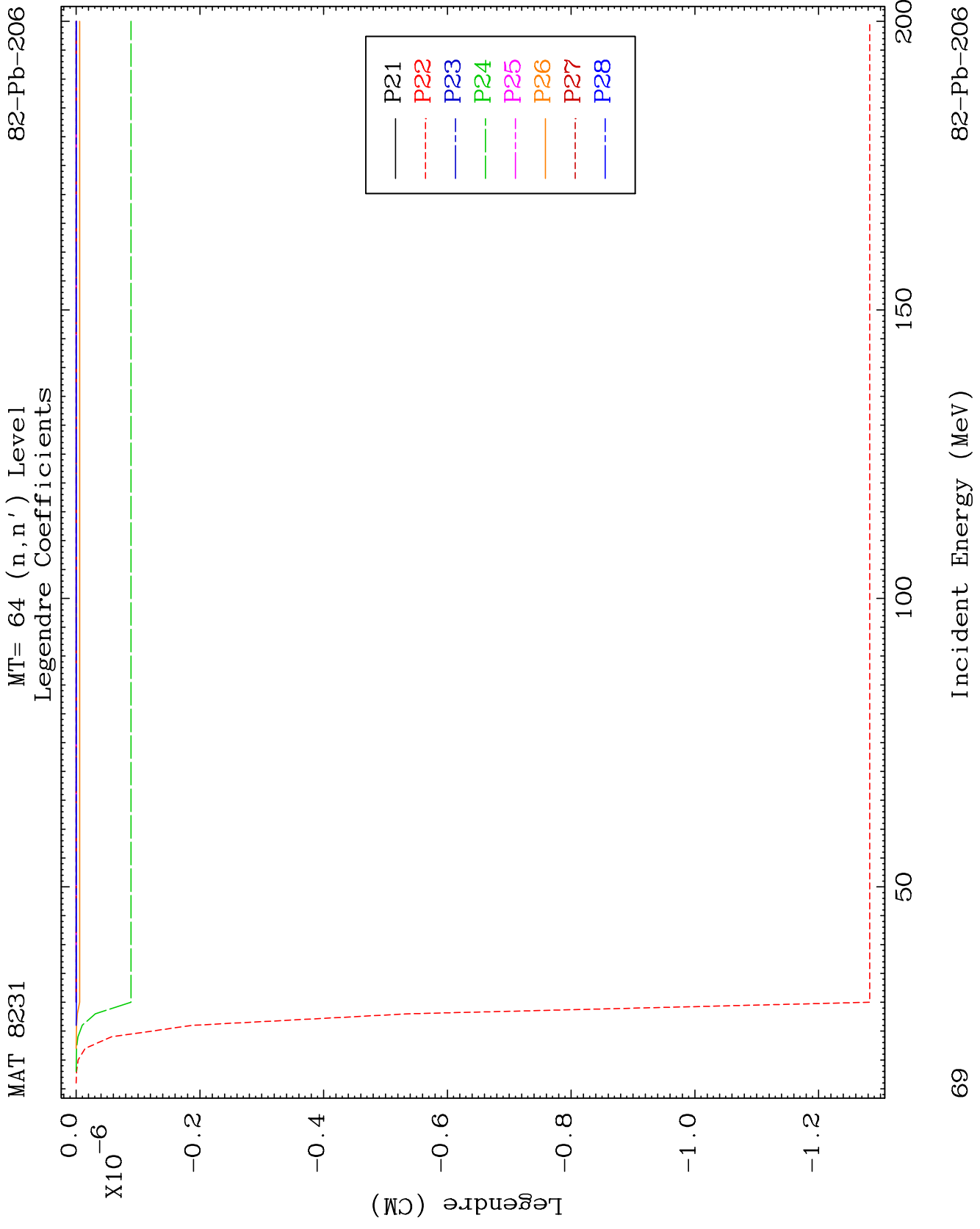
82-Pb-206



68

Incident Energy (MeV)

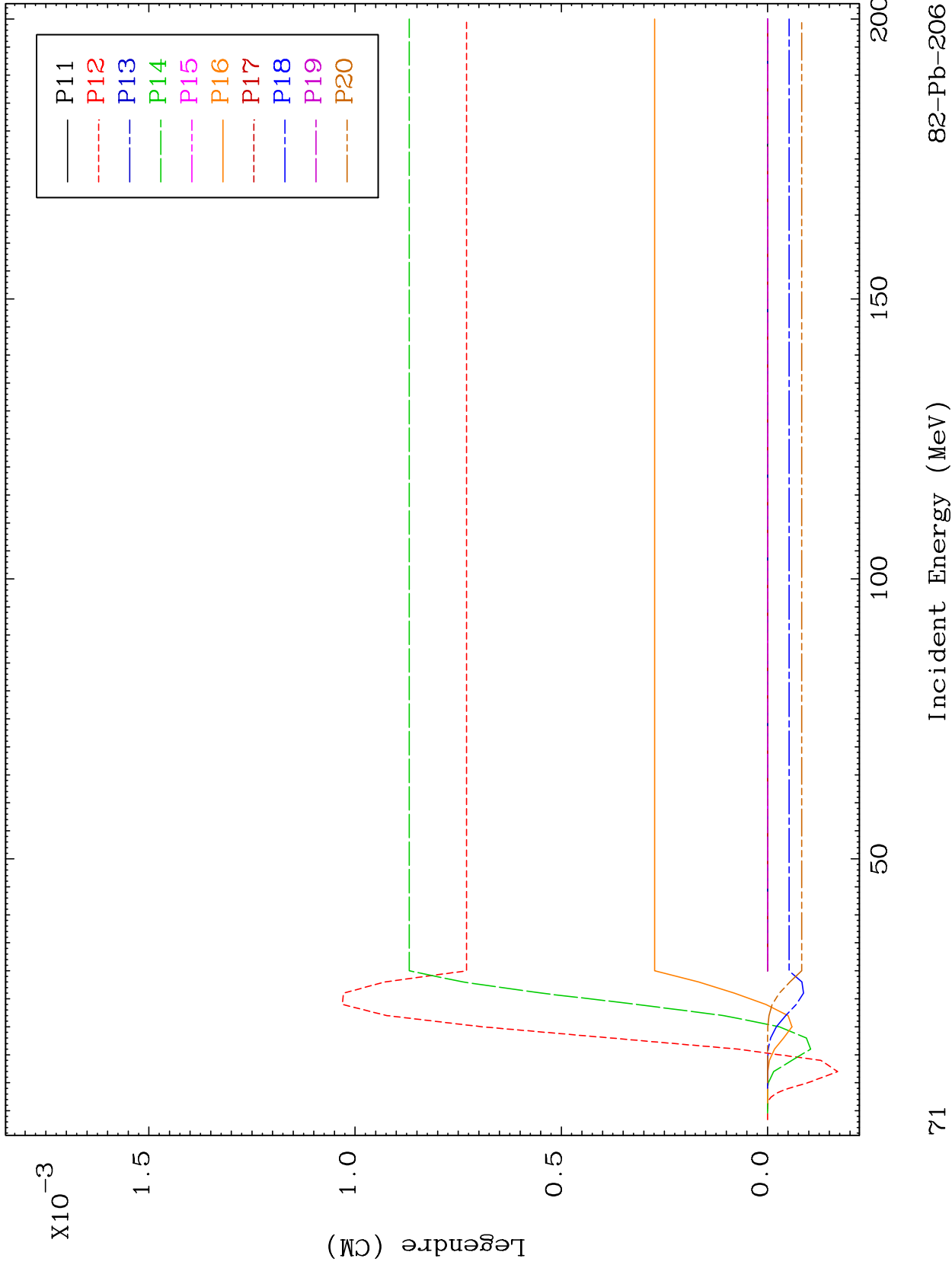
82-Pb-206



MAT 8231

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

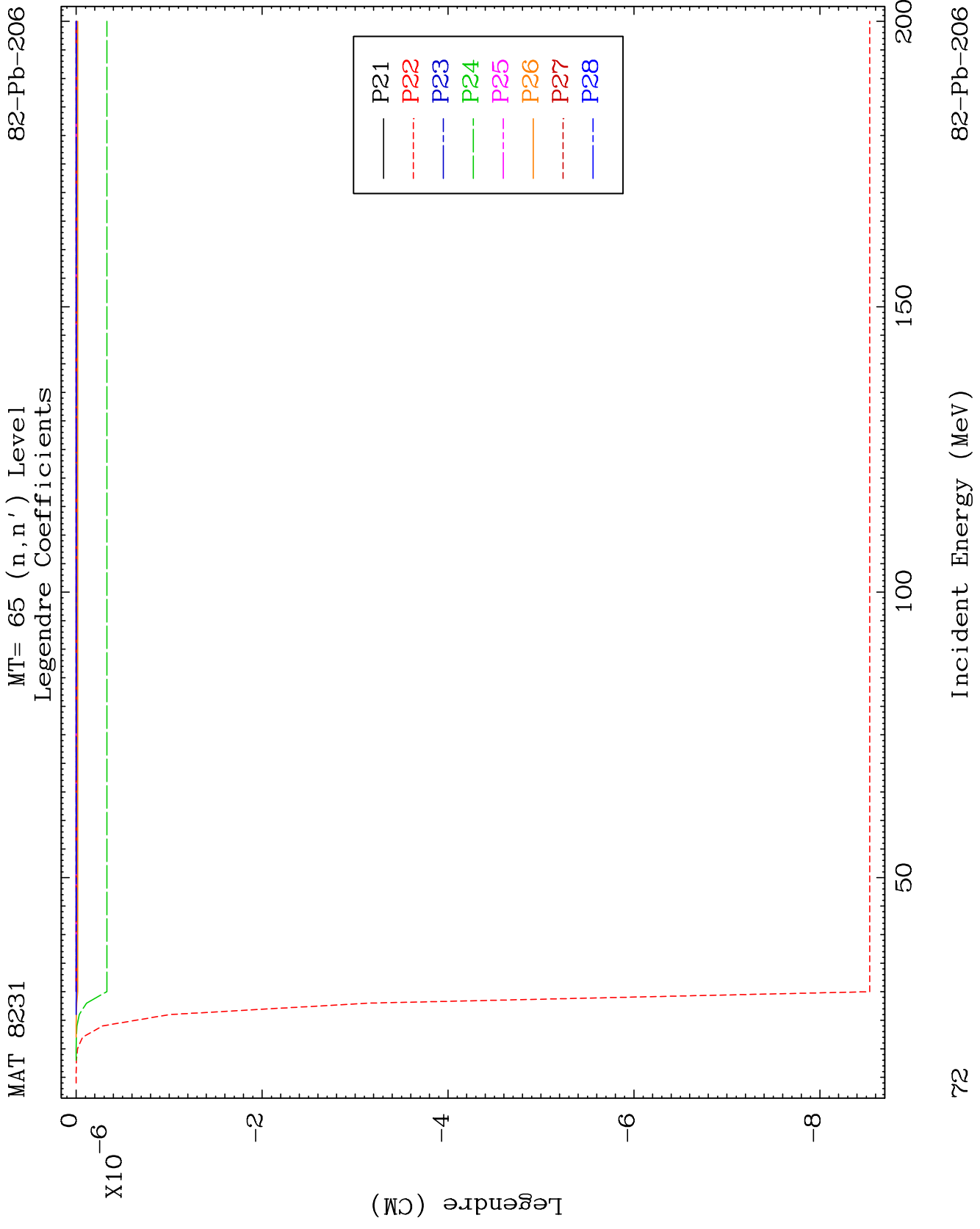
82-Pb-206



71

Incident Energy (MeV)

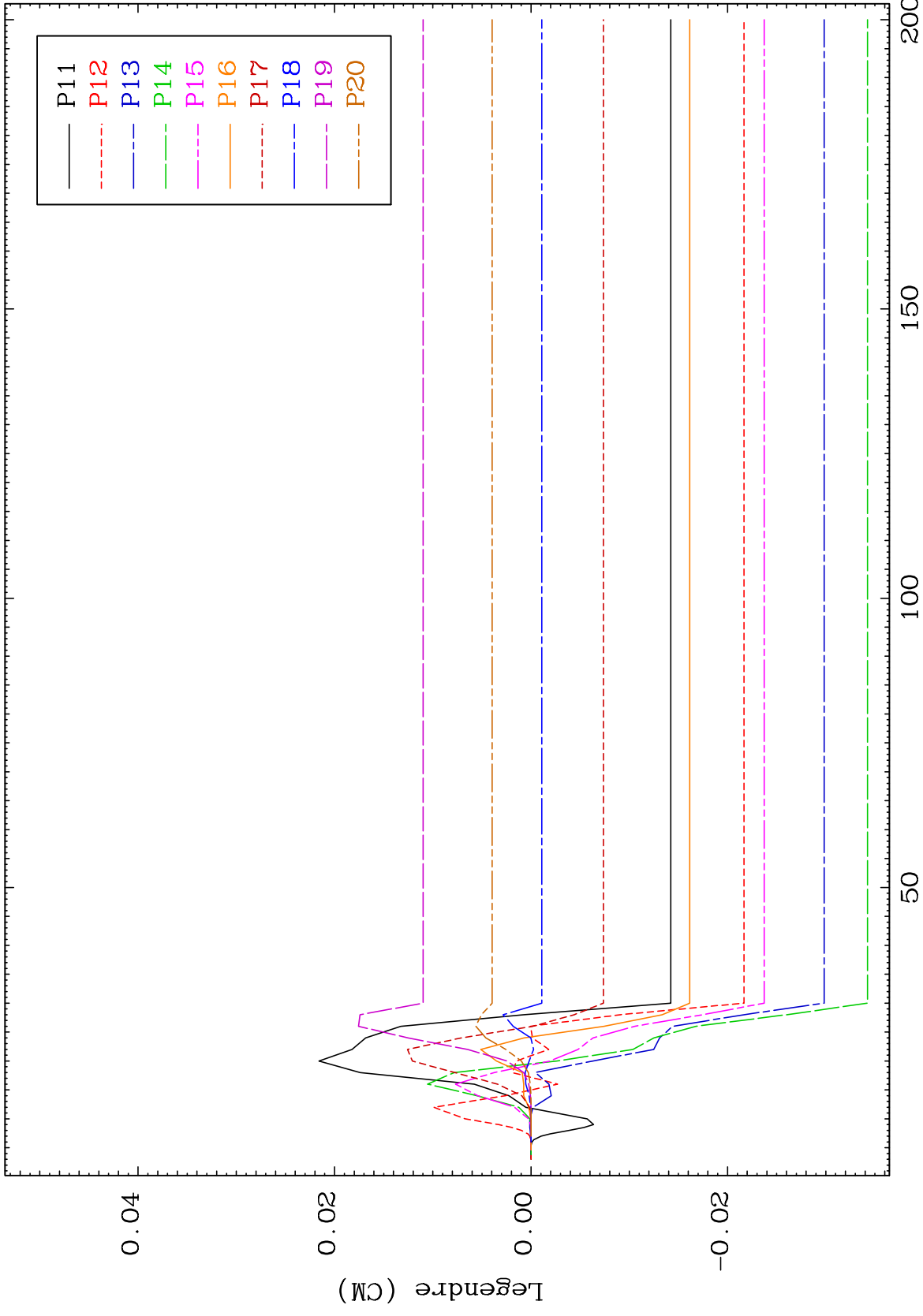
82-Pb-206



MAT 8231

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

82-Pb-206



74

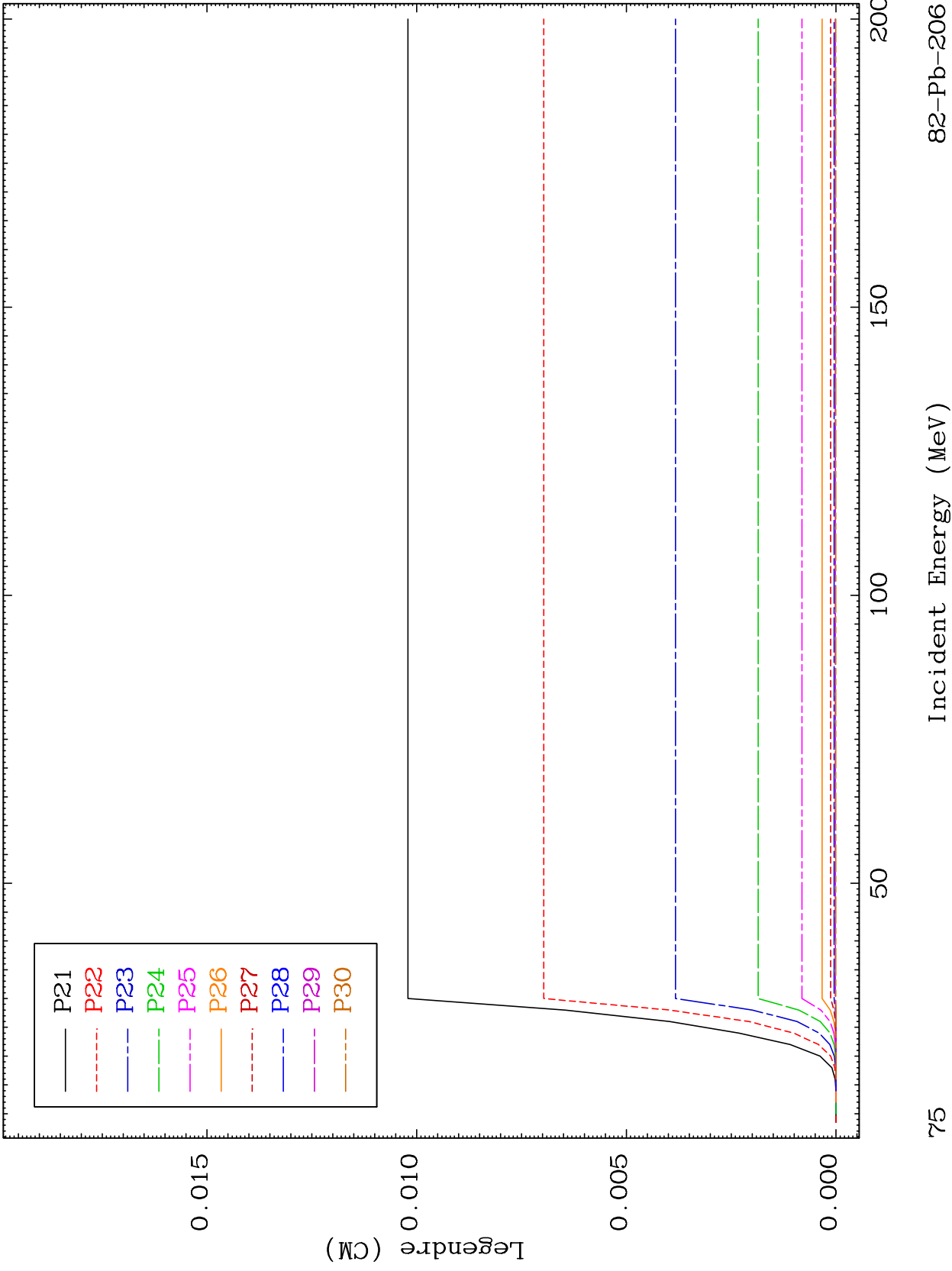
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



75

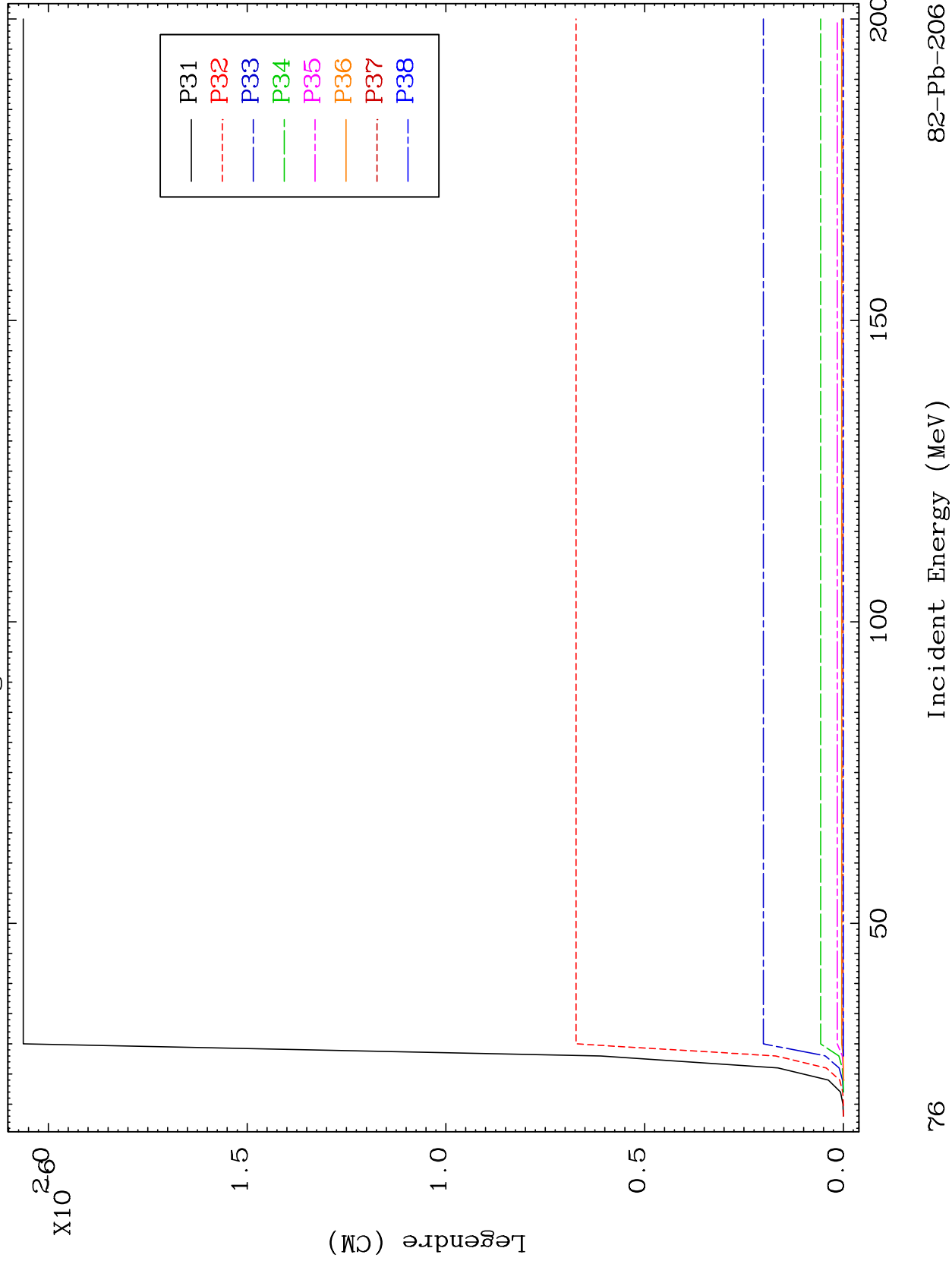
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

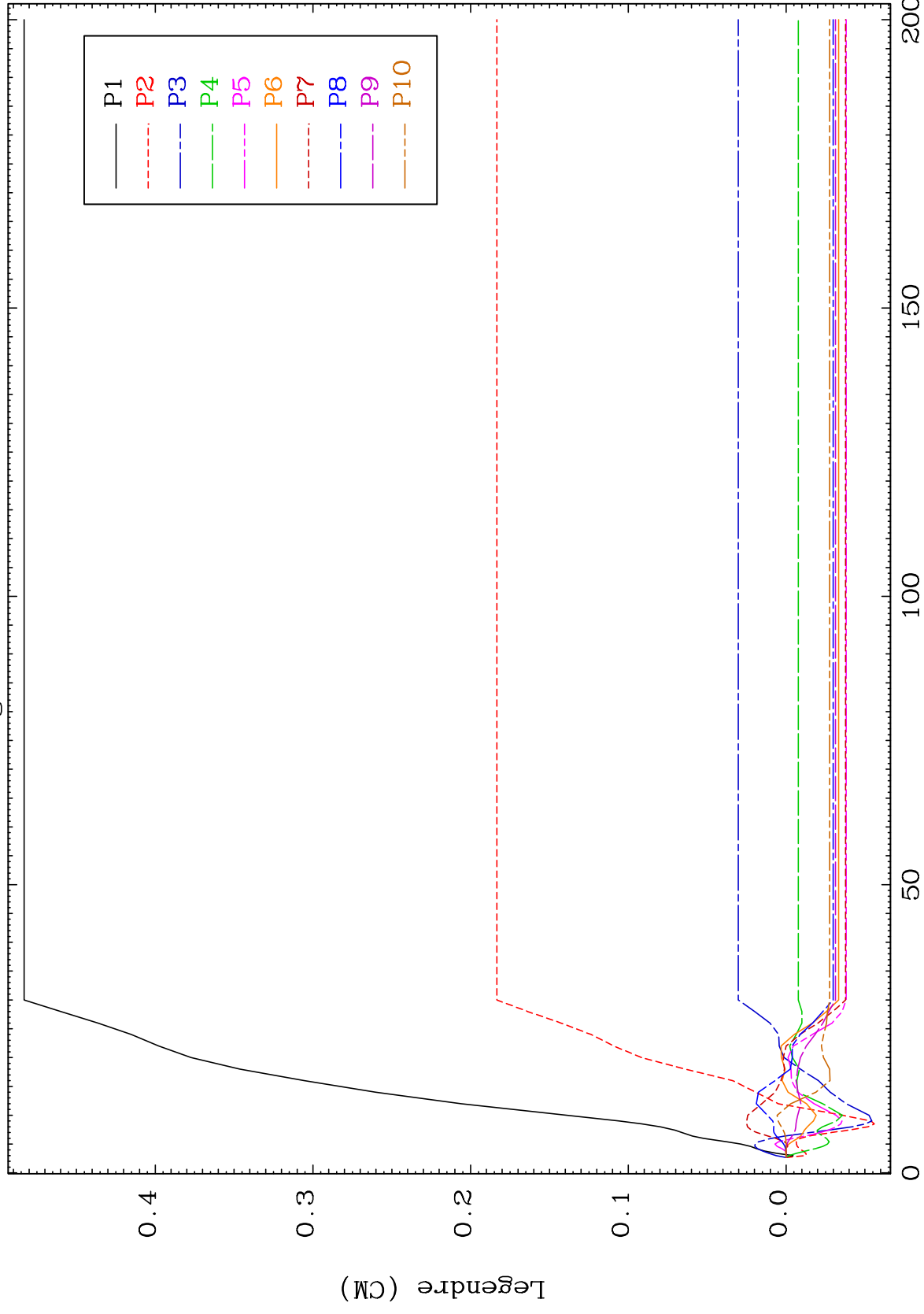
82-Pb-206



MAT 8231

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

82-Pb-206



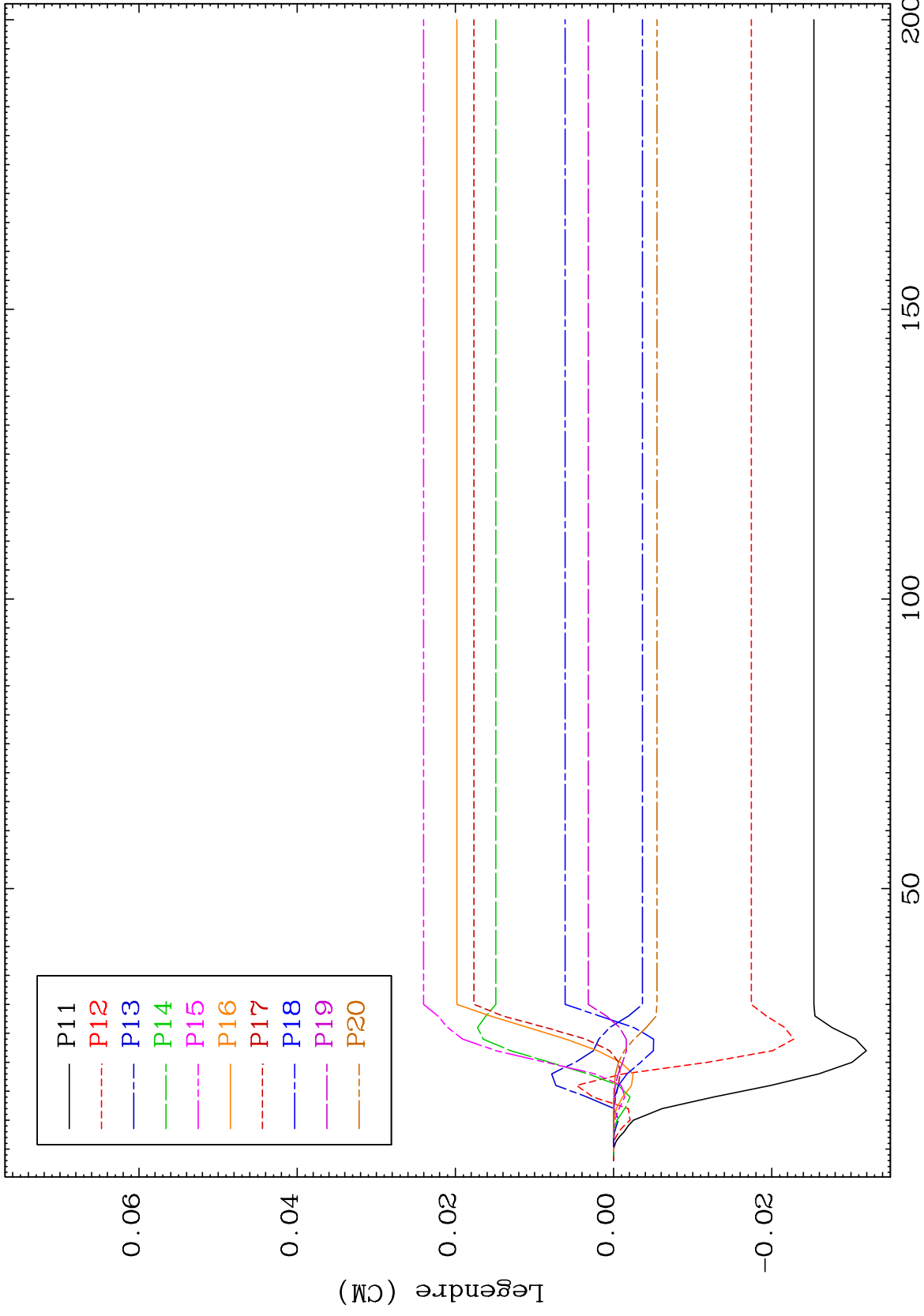
77

82-Pb-206

MAT 8231

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

82-Pb-206



78

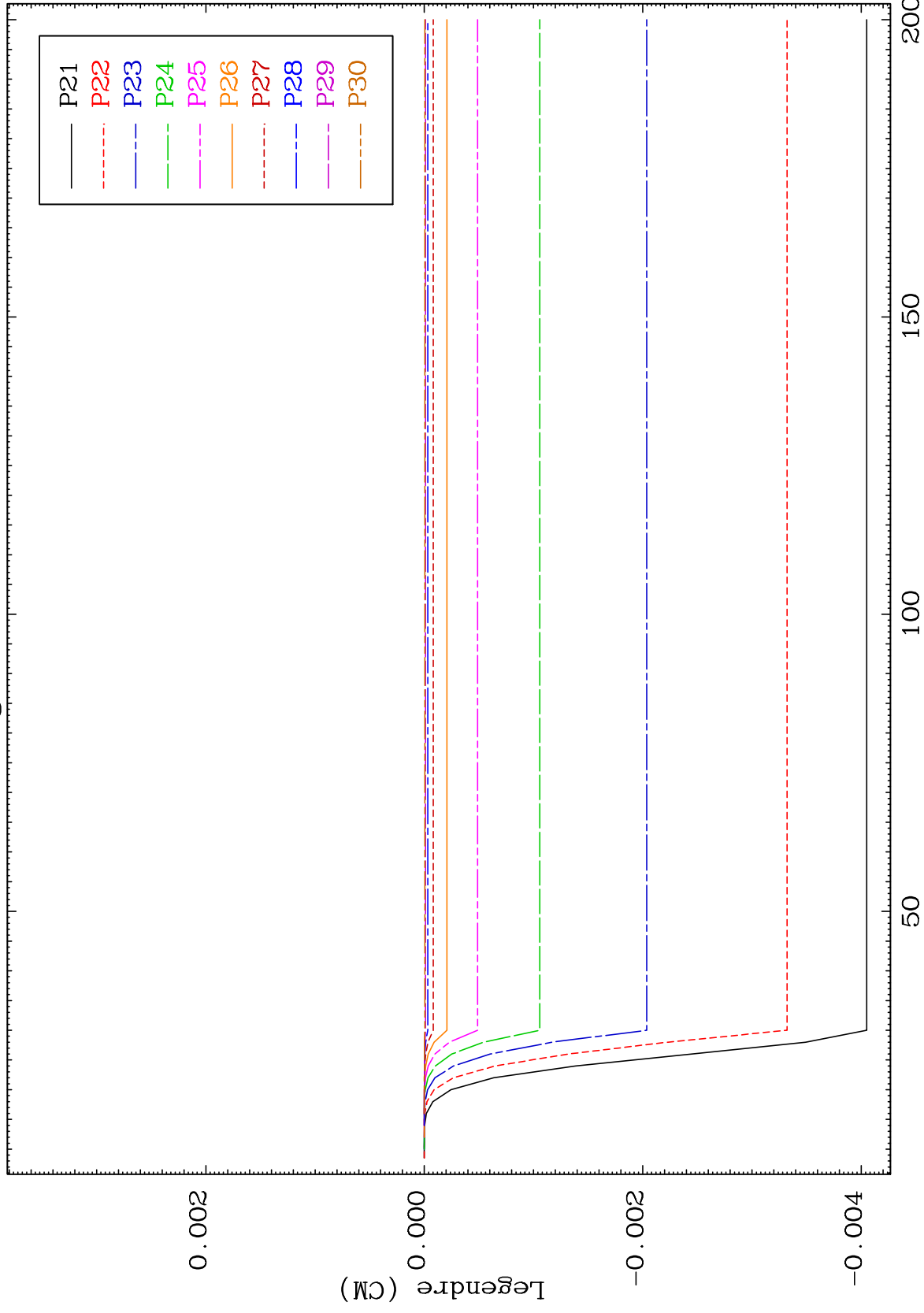
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



79

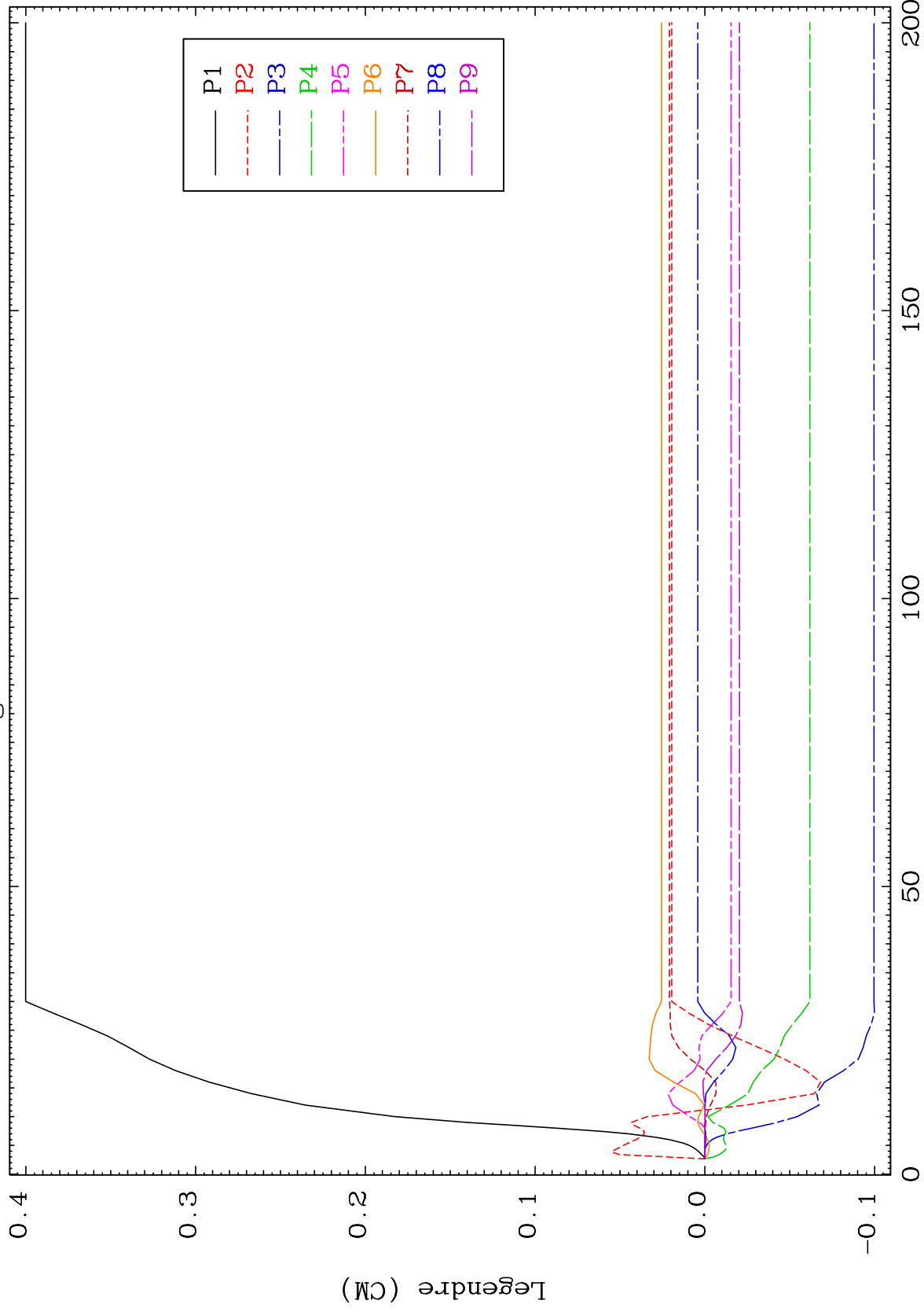
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



81

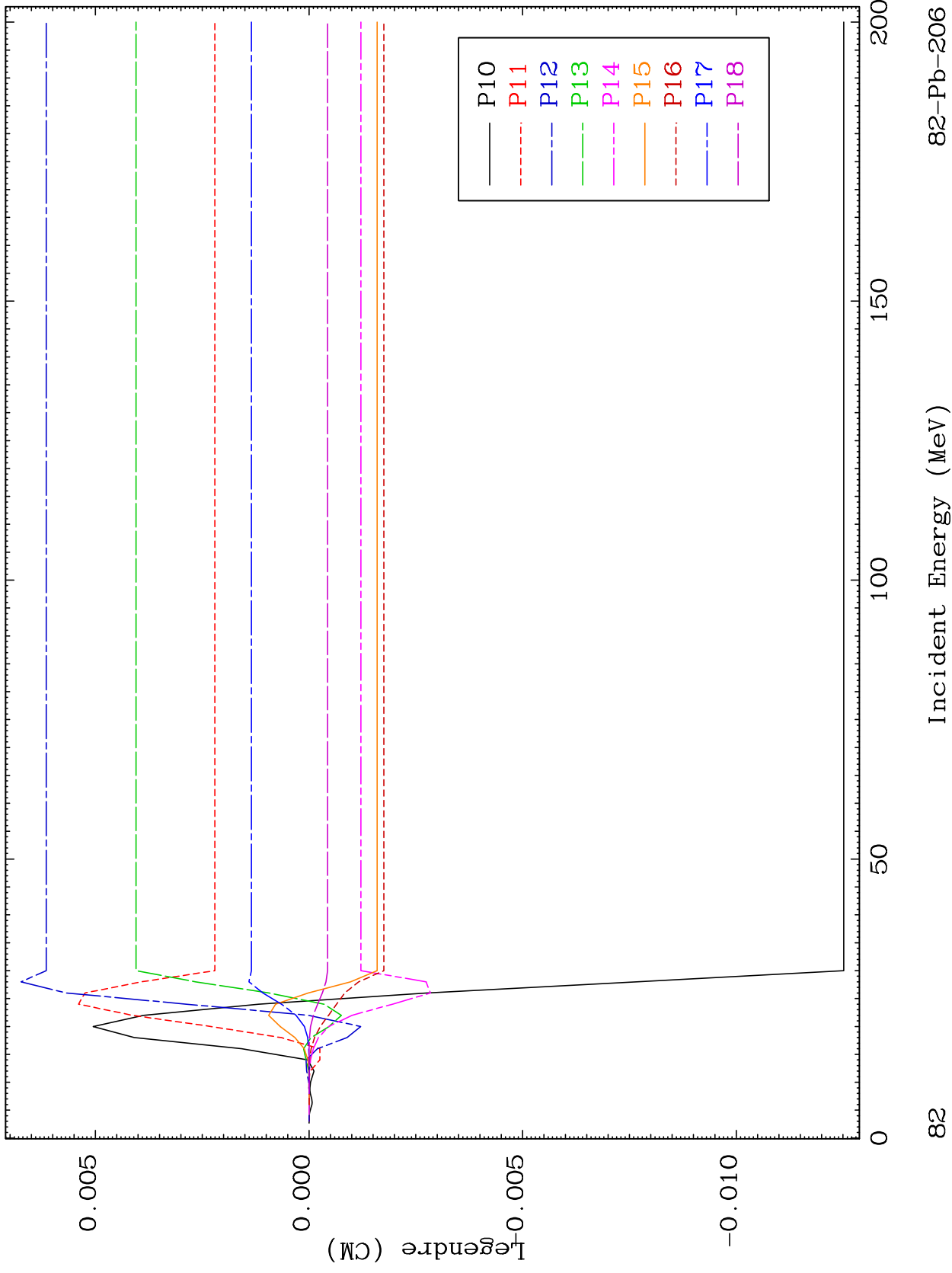
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



82

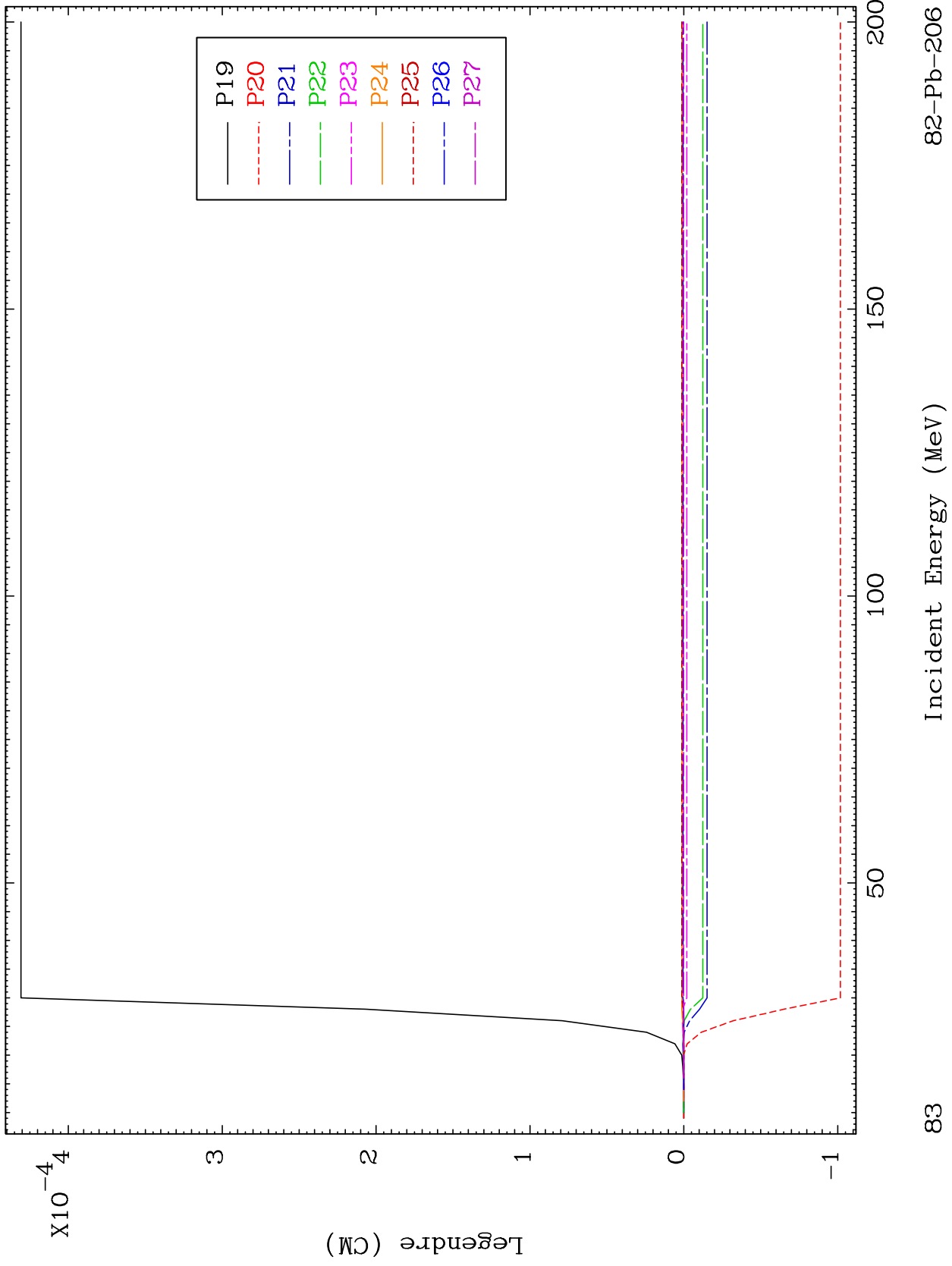
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

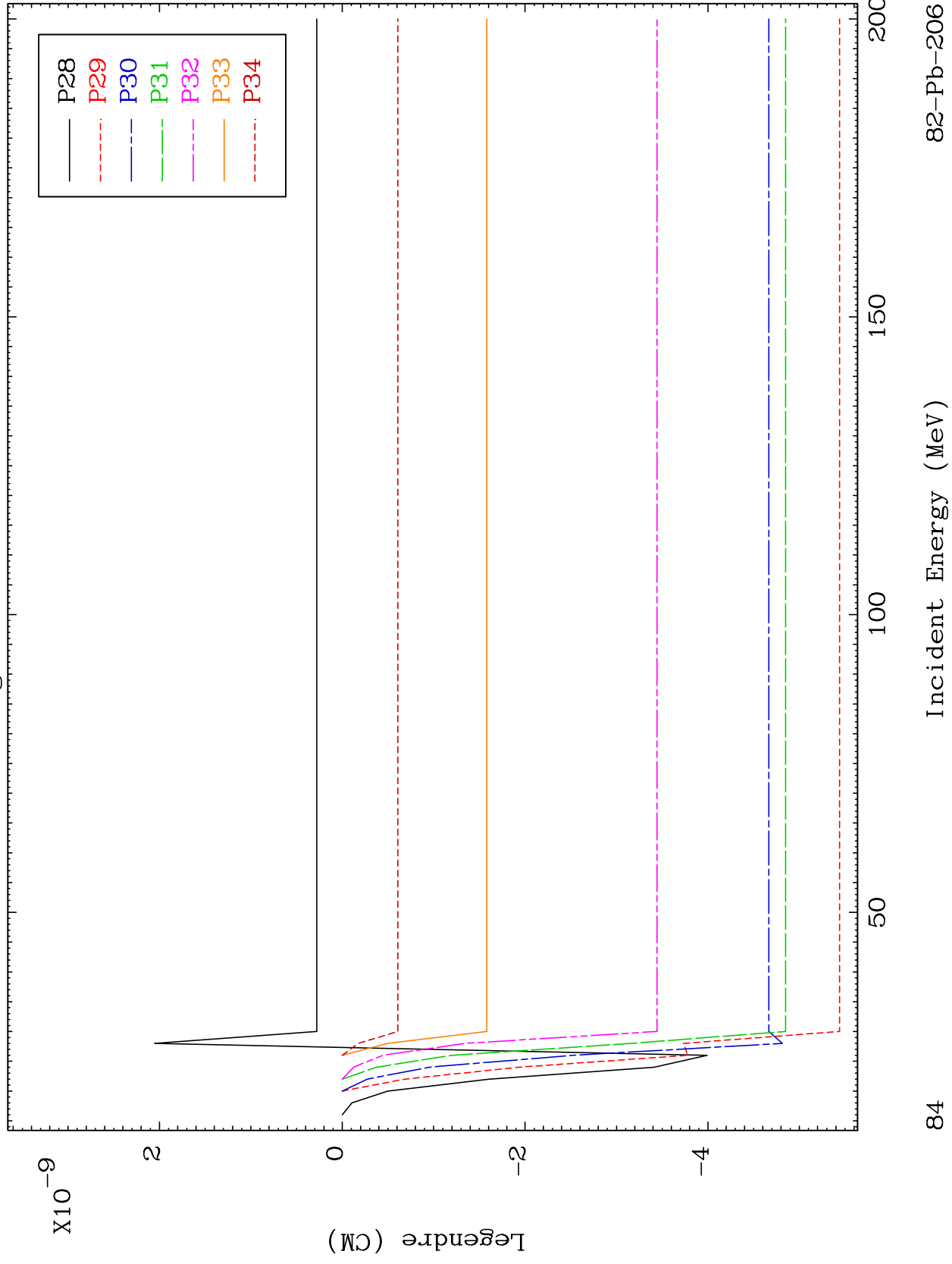
82-Pb-206



MAT 8231

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

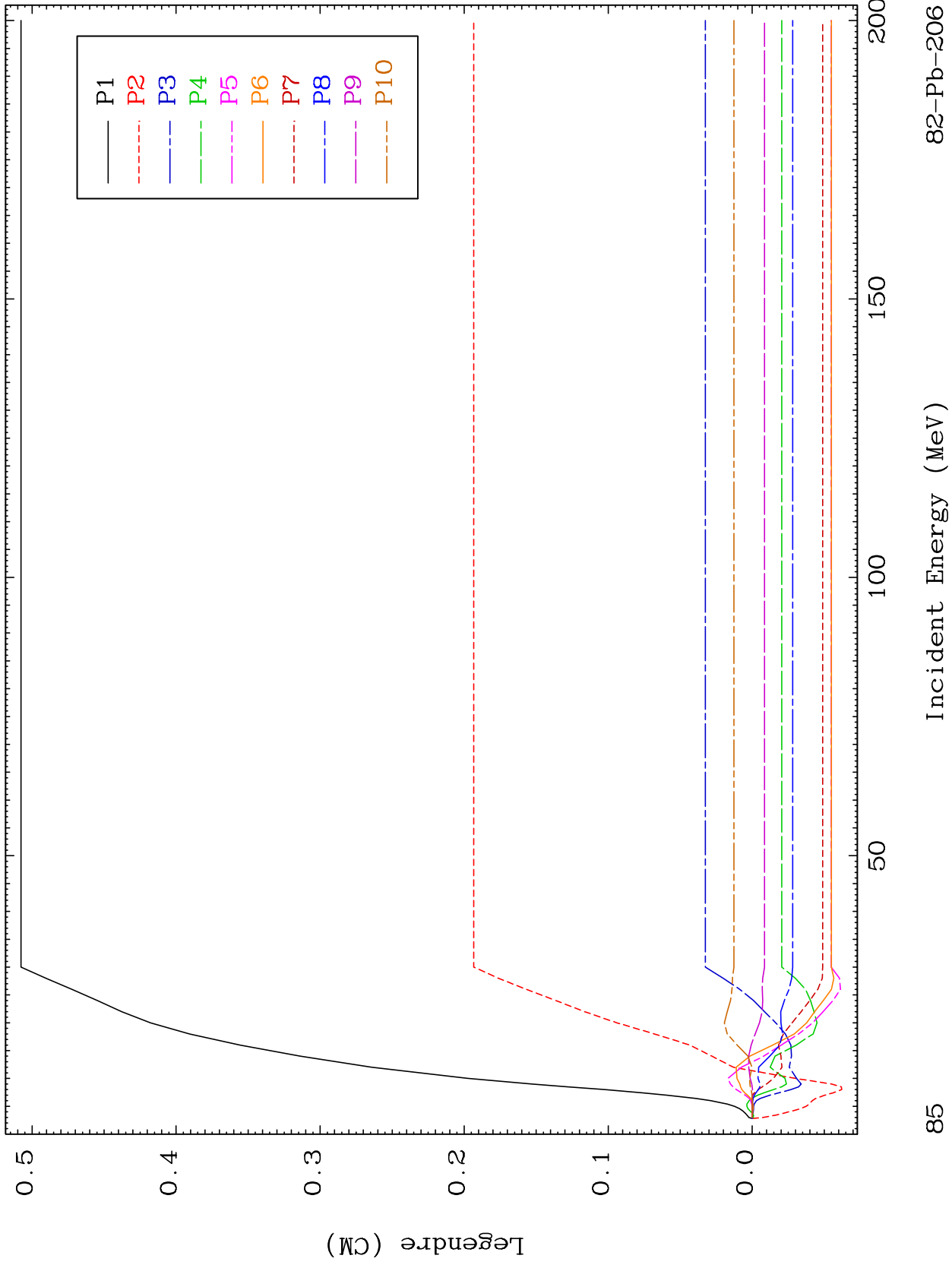
82-Pb-206



MAT 8231

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

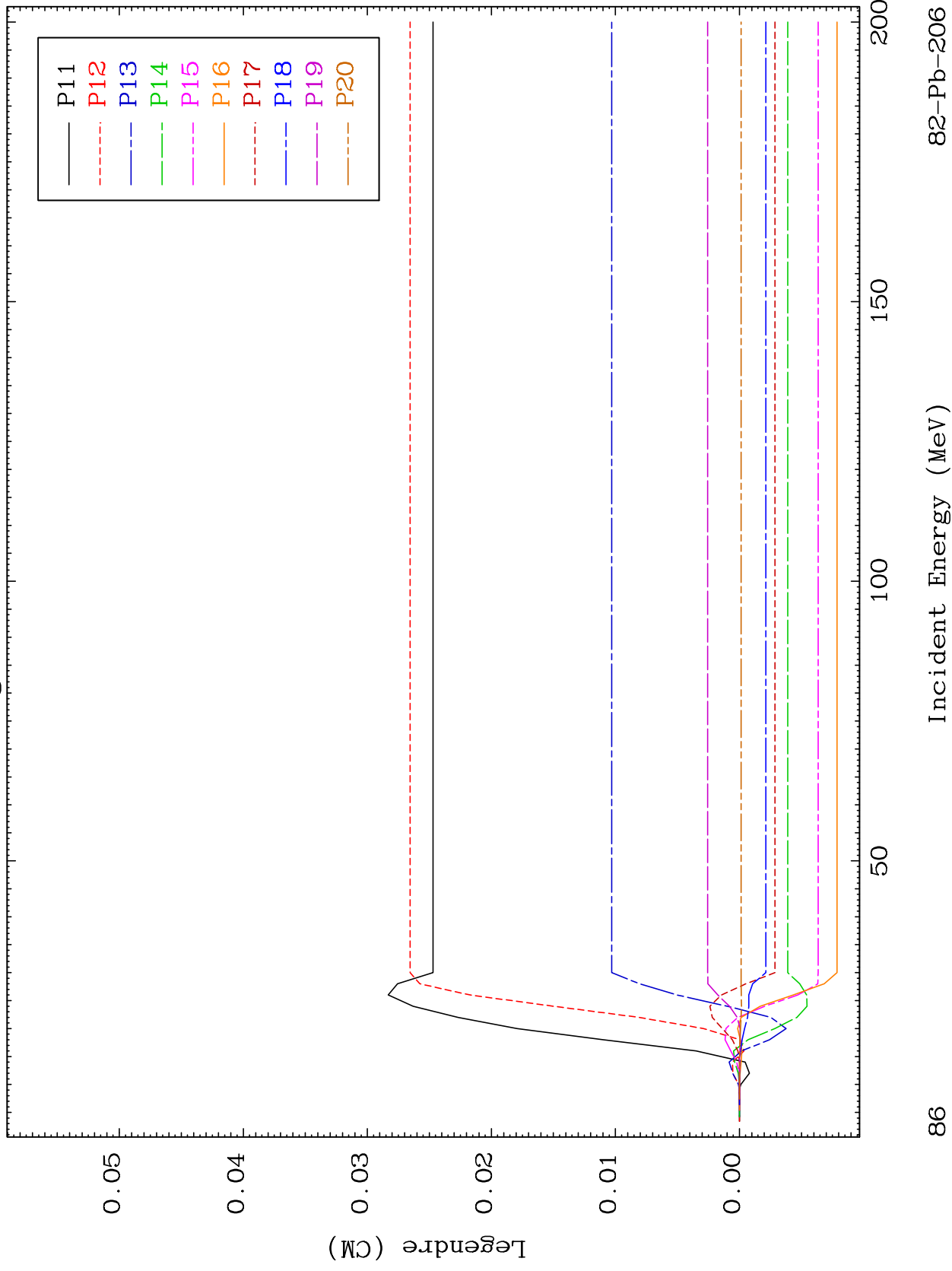
82-Pb-206



MAT 8231

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

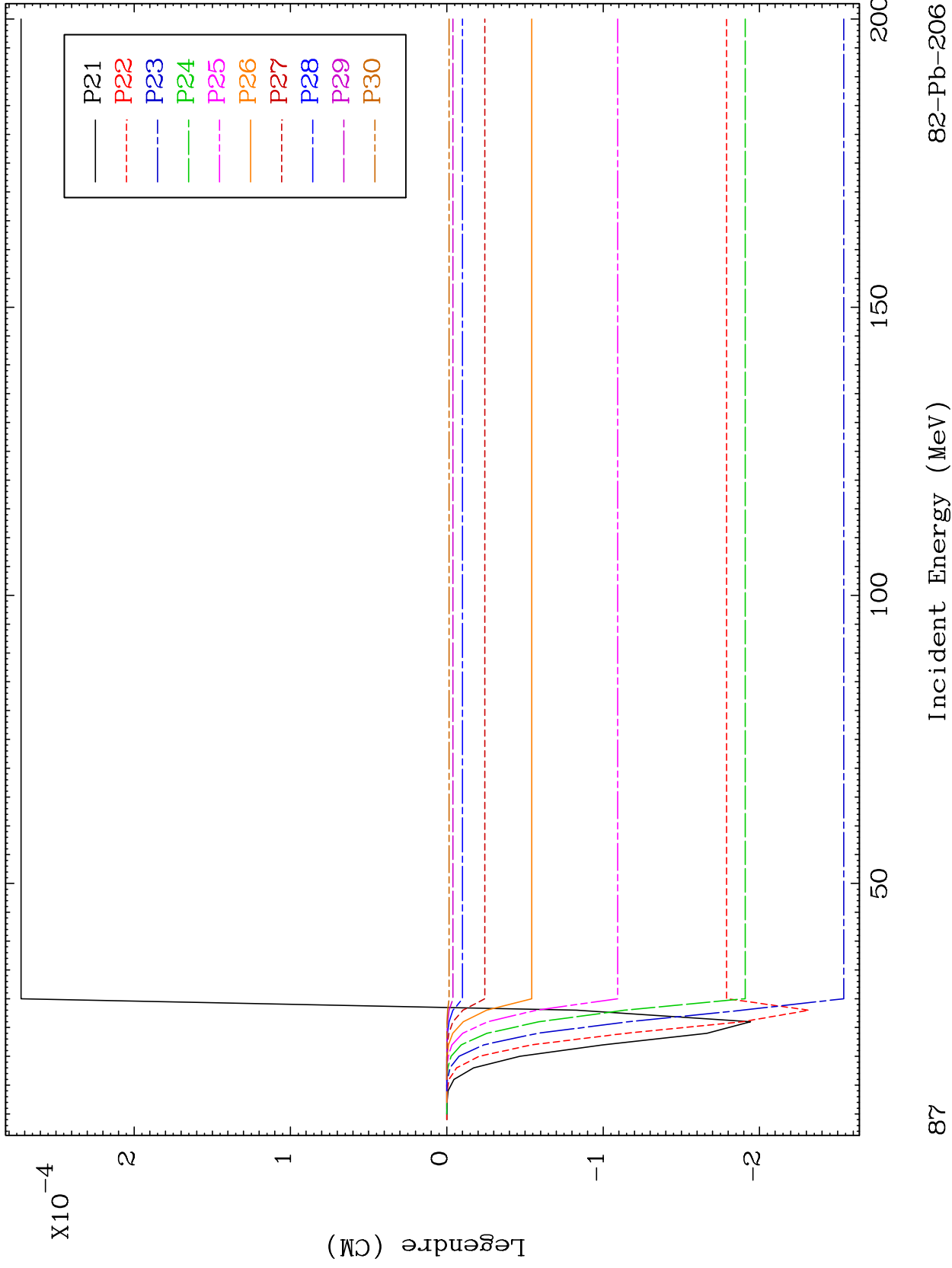
82-Pb-206

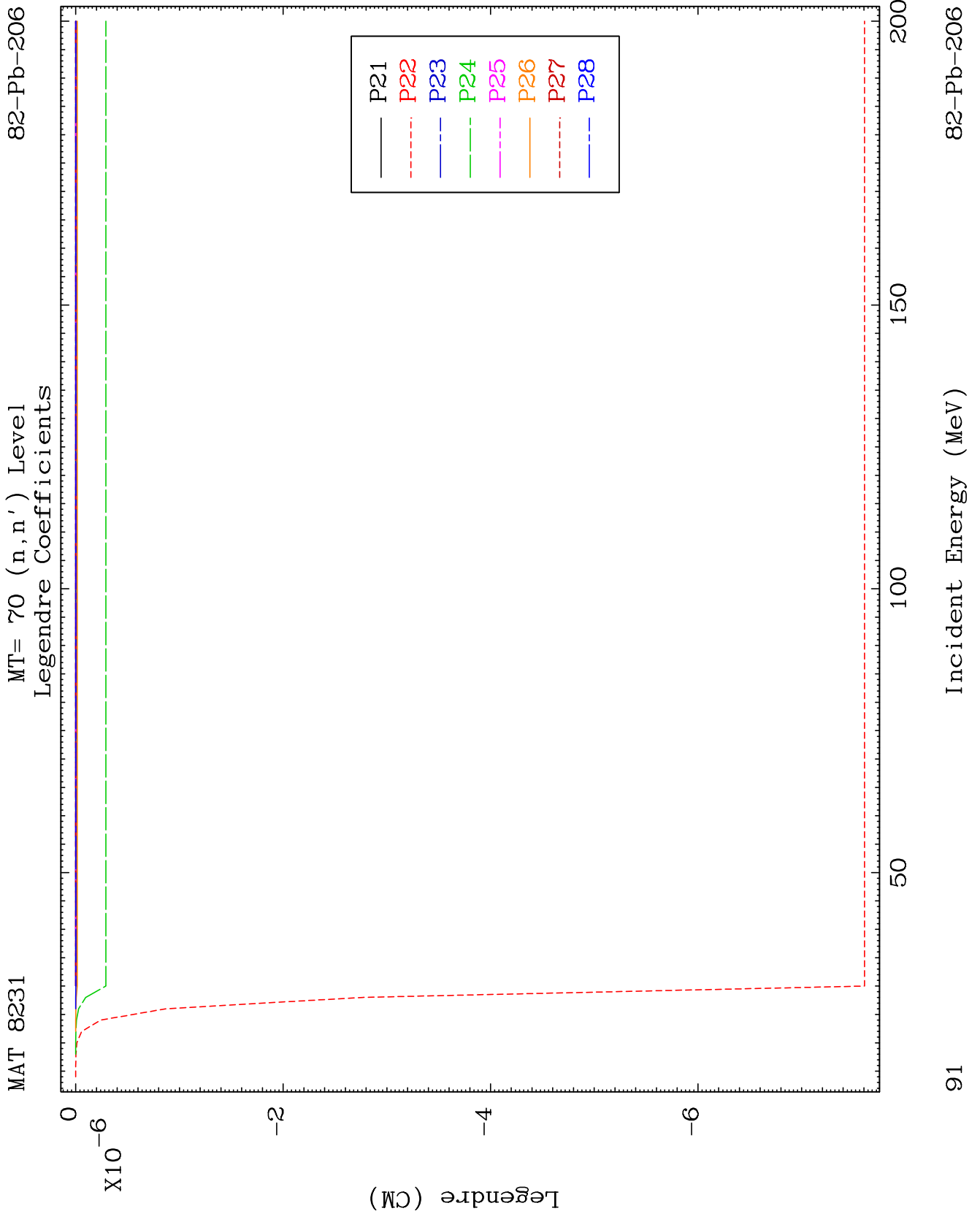


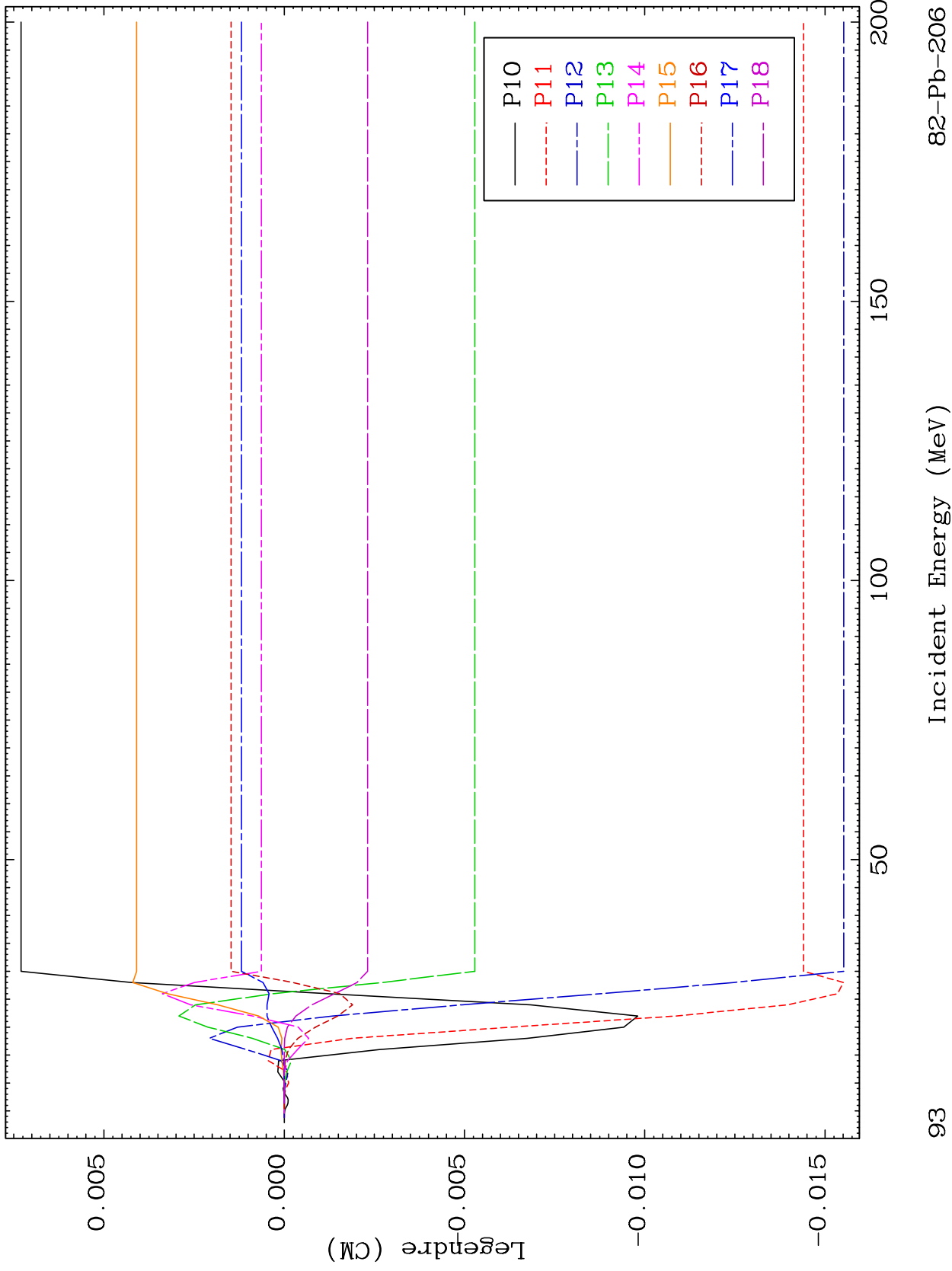
MAT 8231

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

82-Pb-206



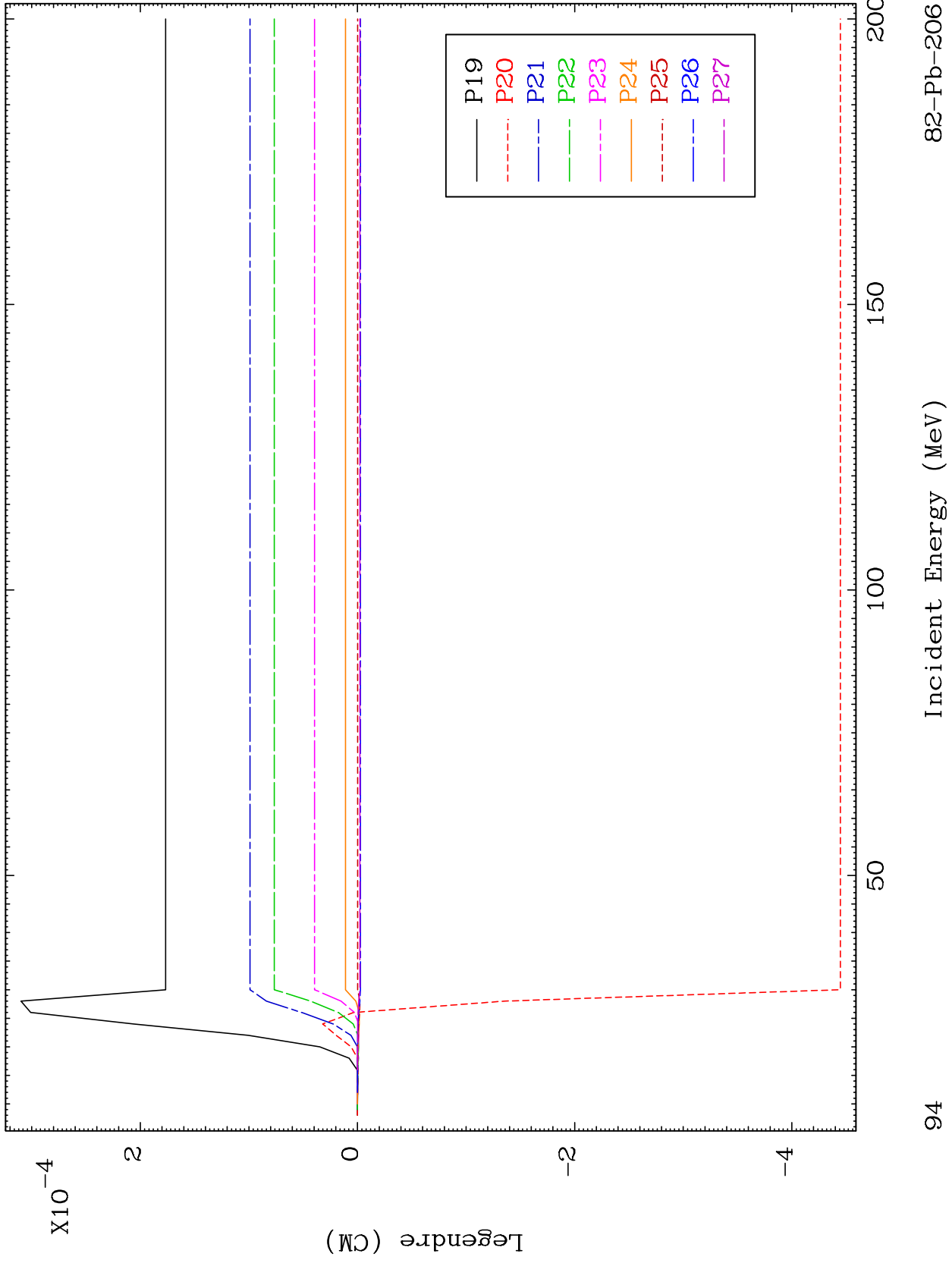




MAT 8231

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

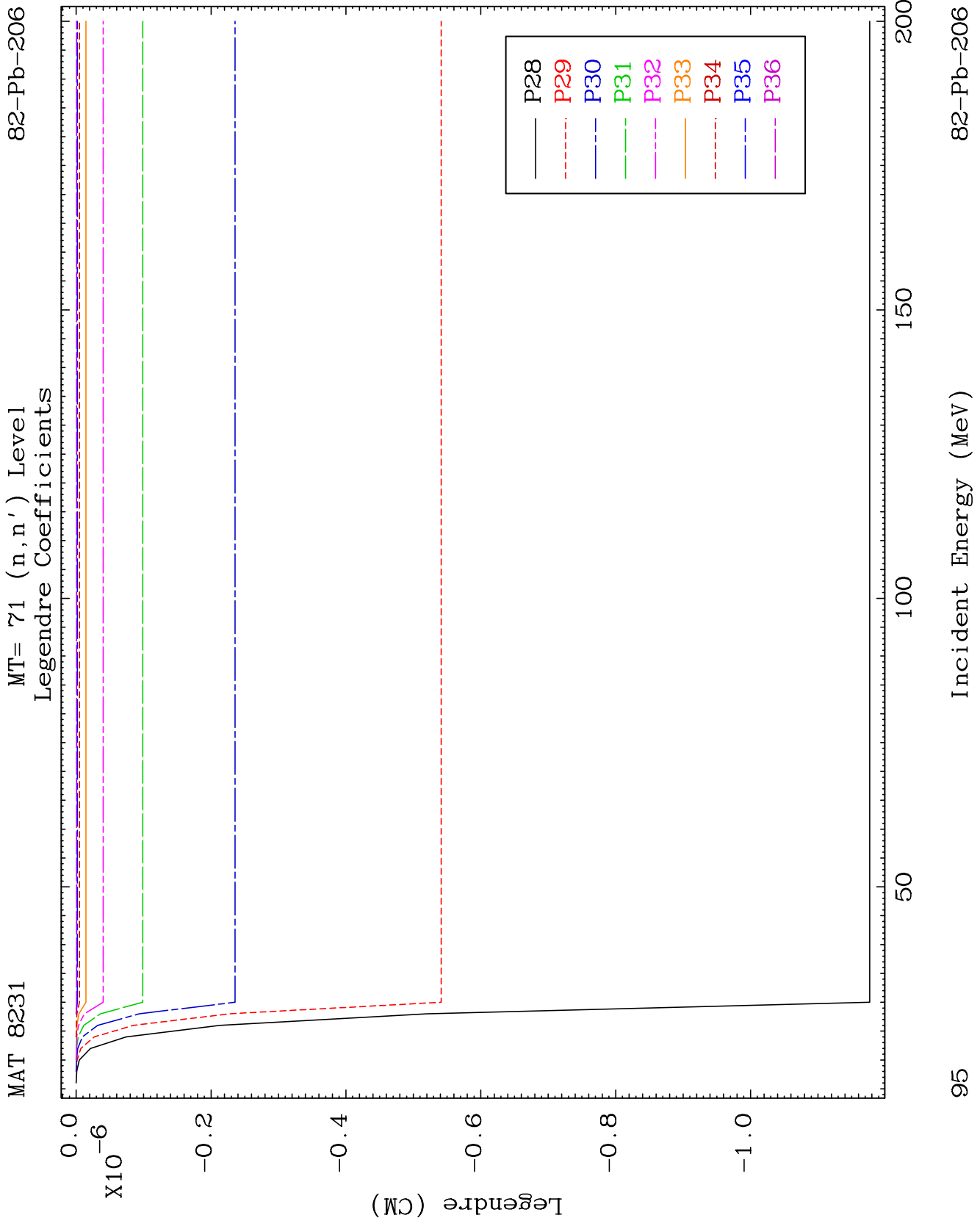
82-Pb-206



94

Incident Energy (MeV)

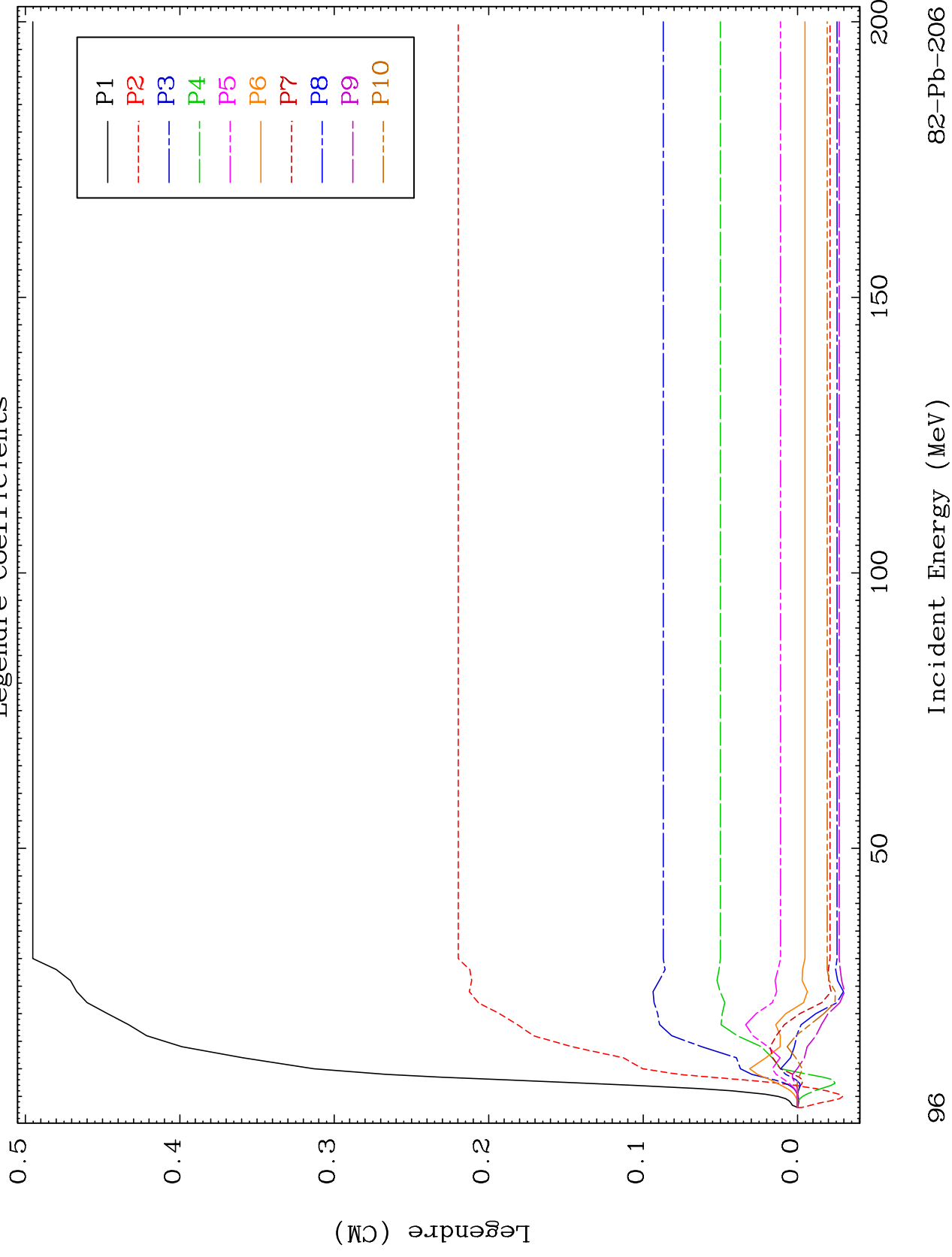
82-Pb-206



MAT 8231

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

82-Pb-206



96

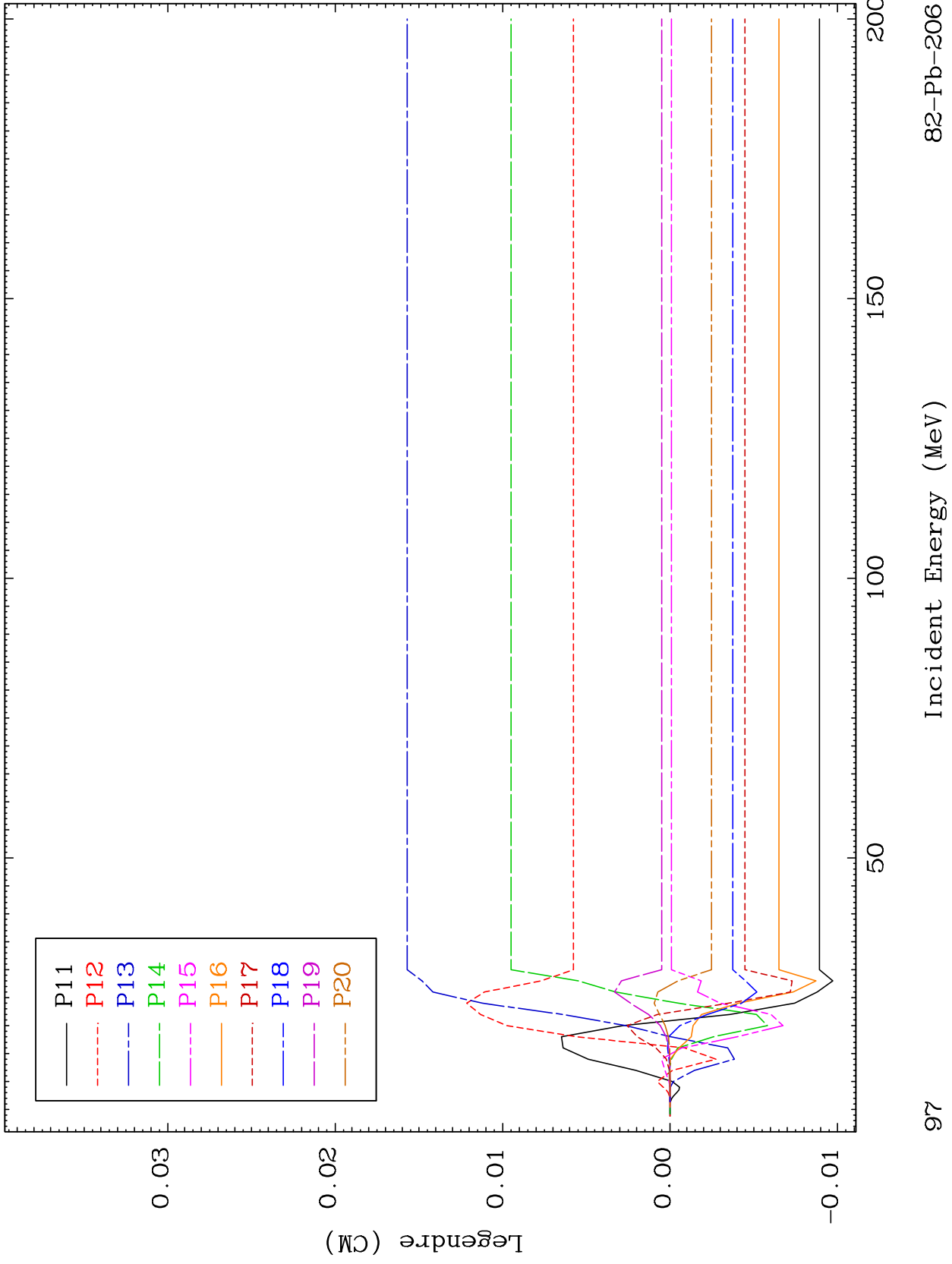
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

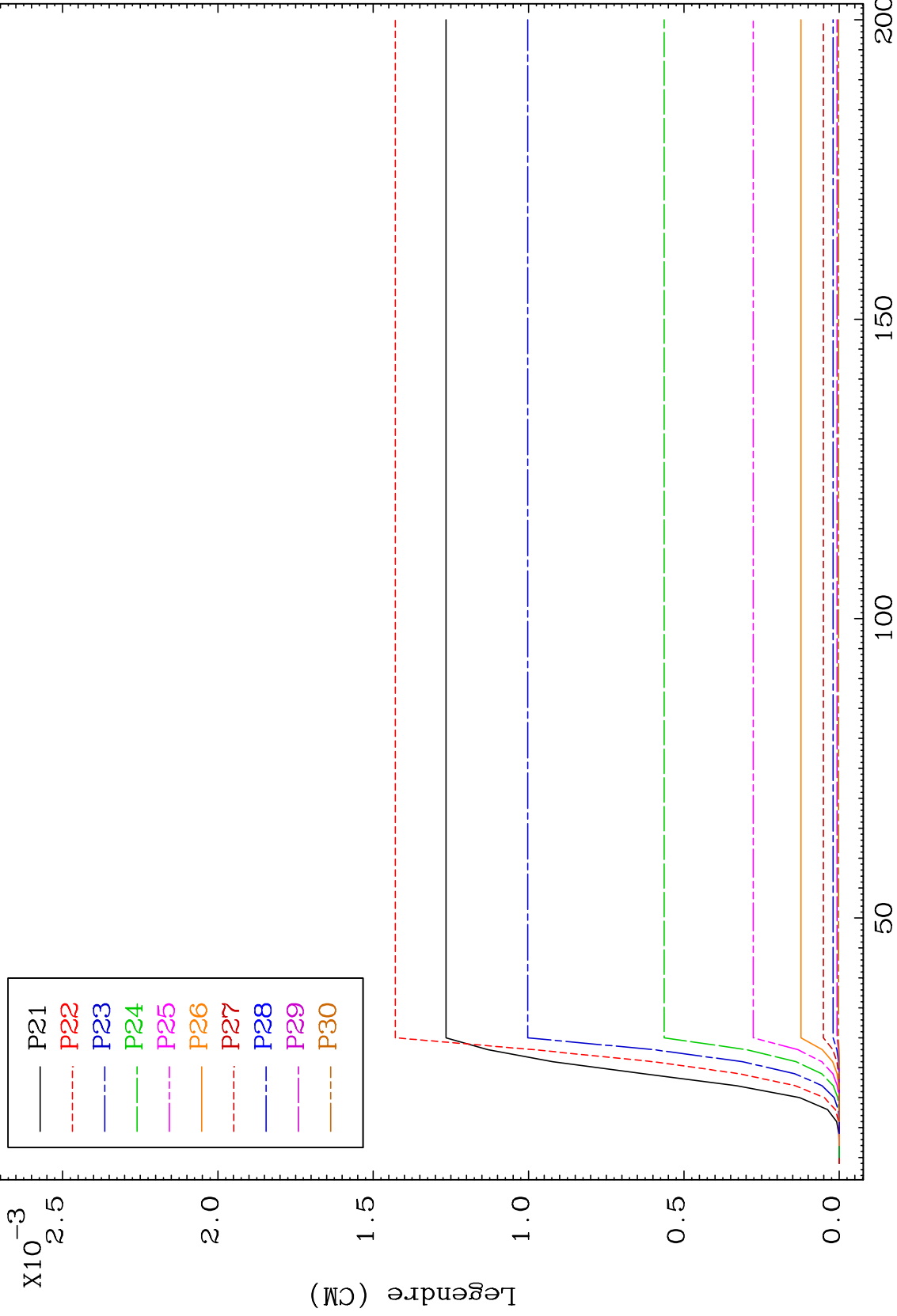
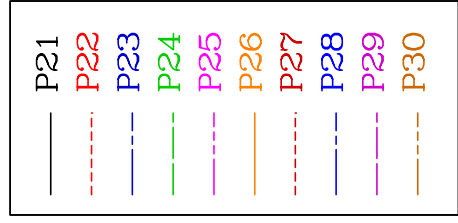
82-Pb-206



MAT 8231

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

82-Pb-206



98

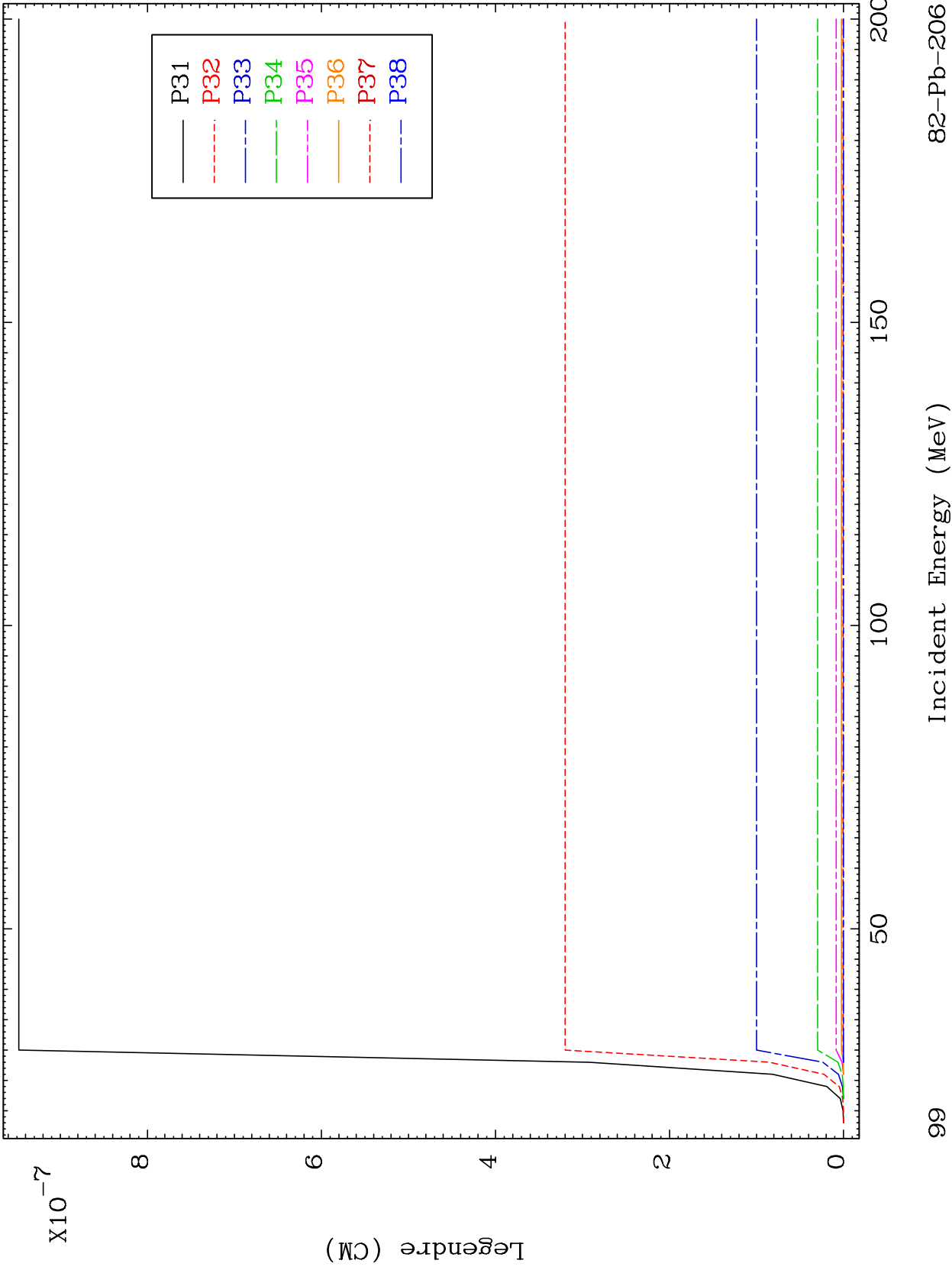
Incident Energy (MeV)

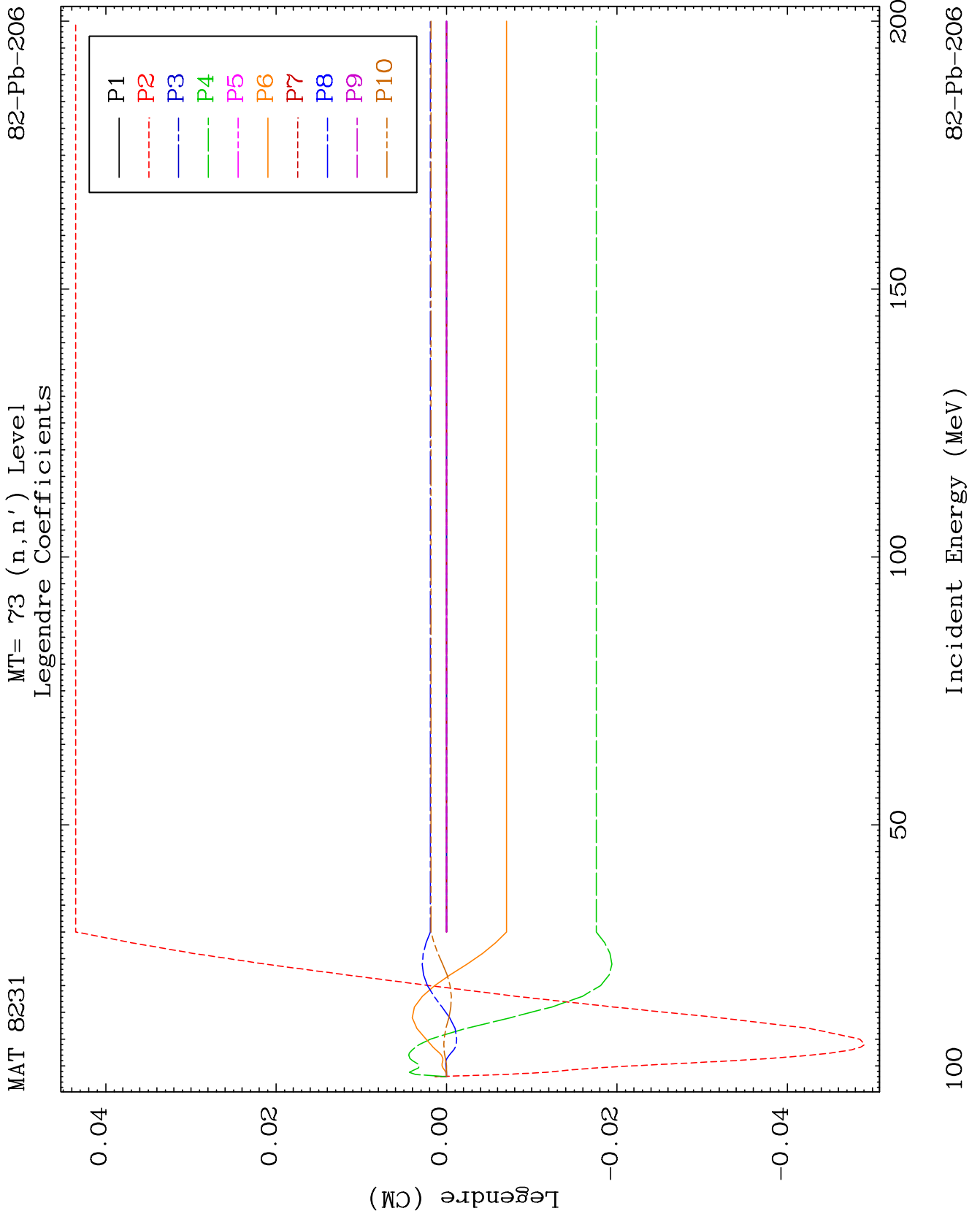
82-Pb-206

MAT 8231

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

82-Pb-206

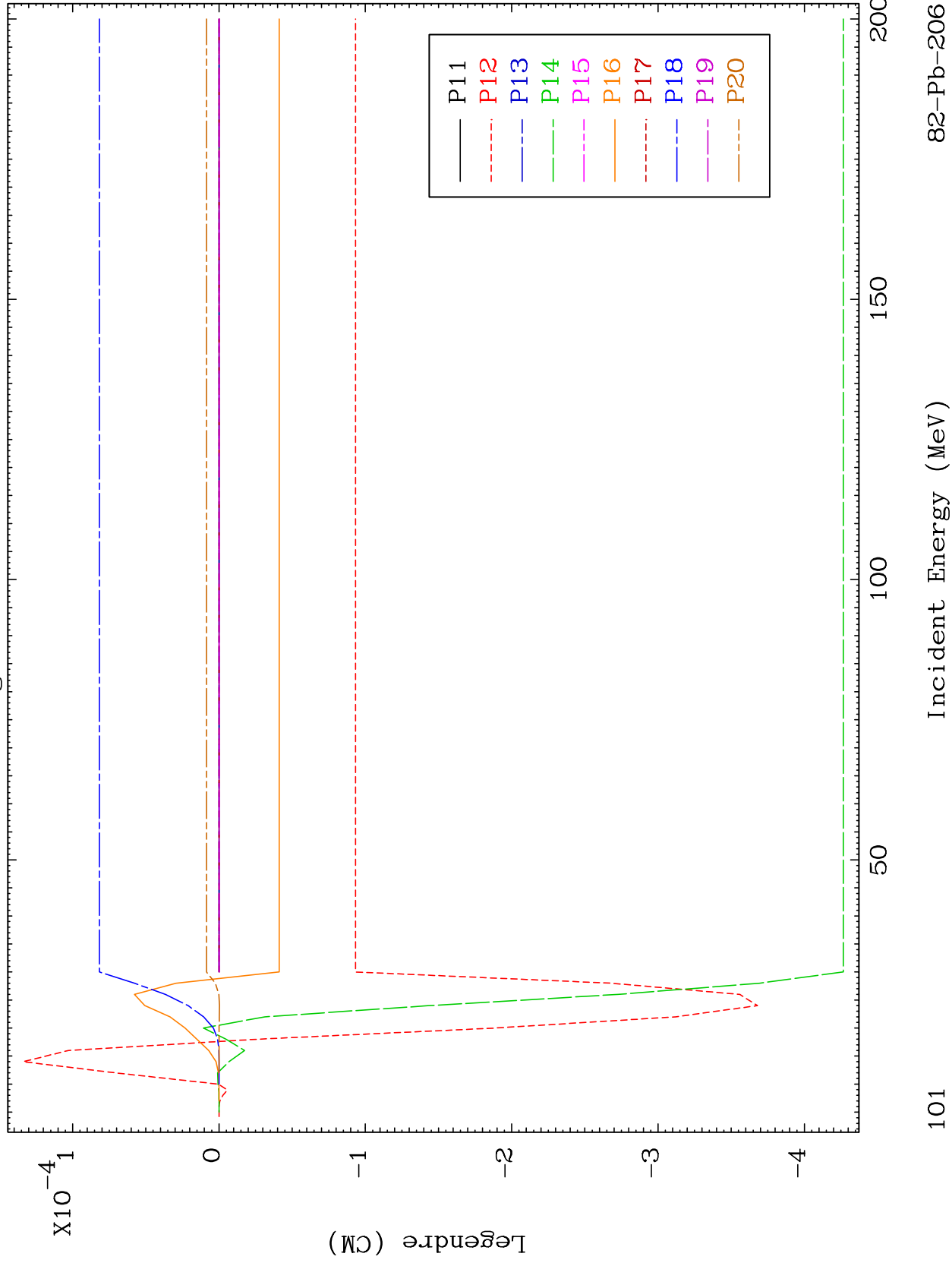


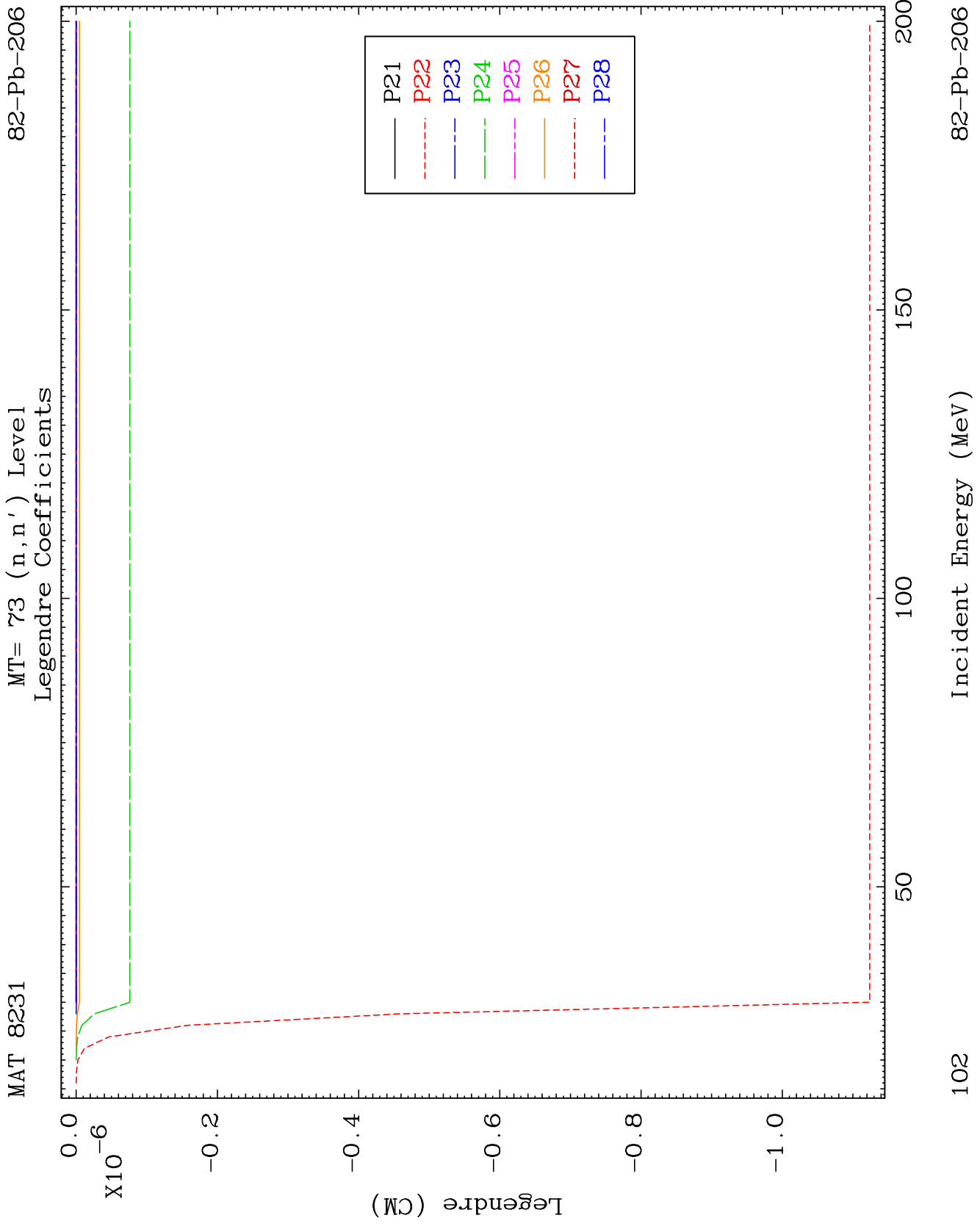


MAT 8231

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

82-Pb-206

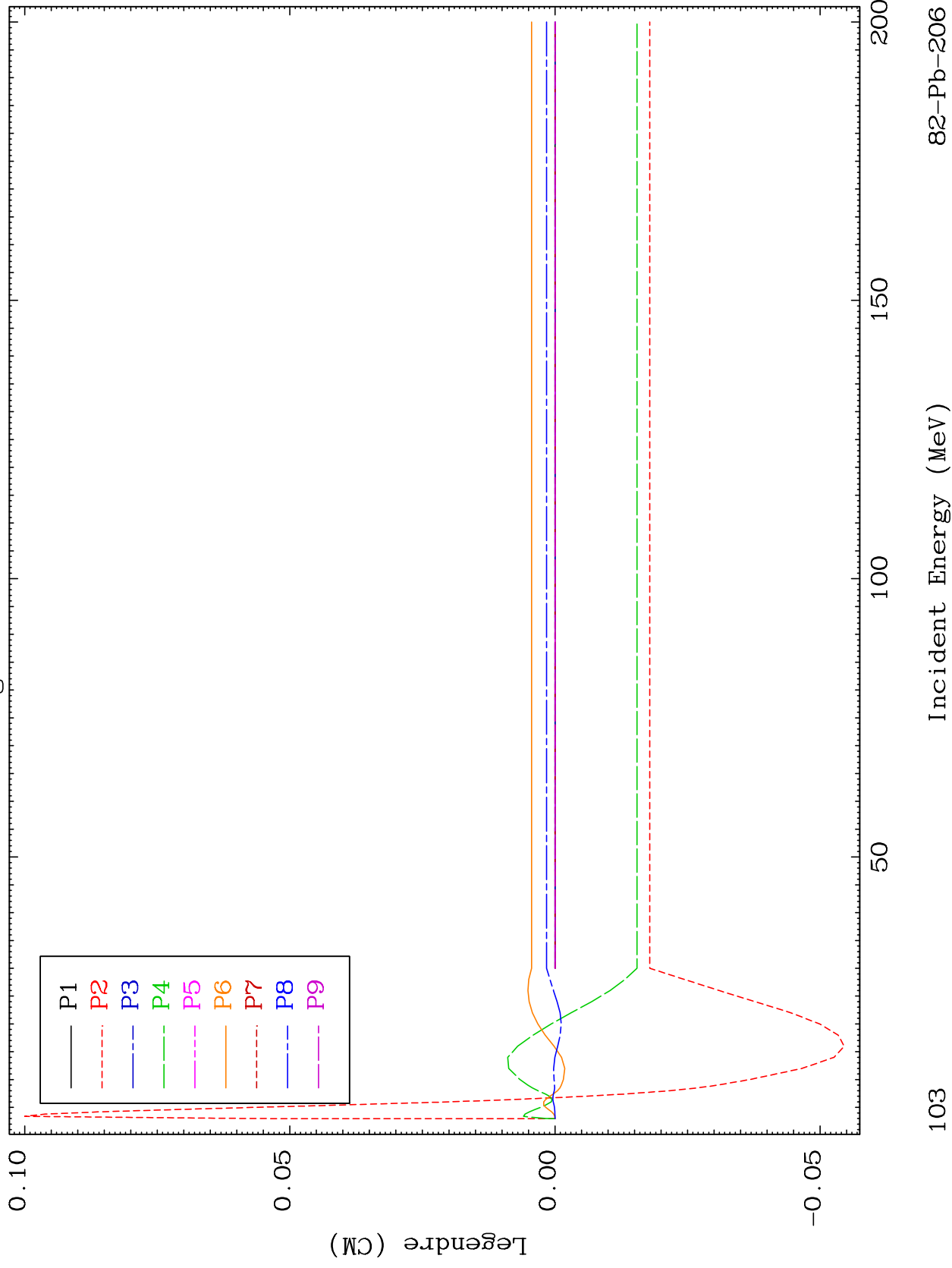




MAT 8231

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

82-Pb-206



82-Pb-206

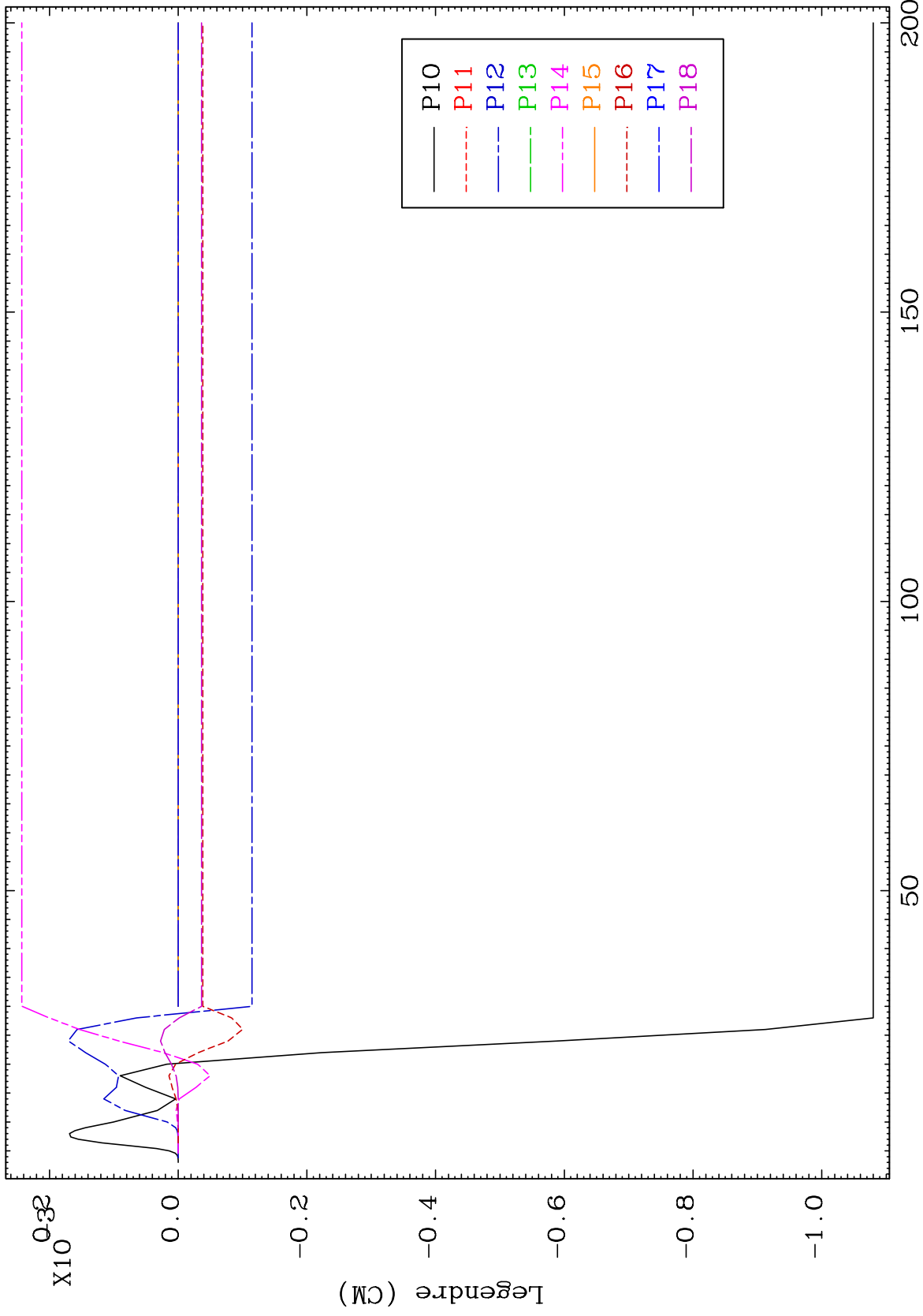
Incident Energy (MeV)

103

MAT 8231

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

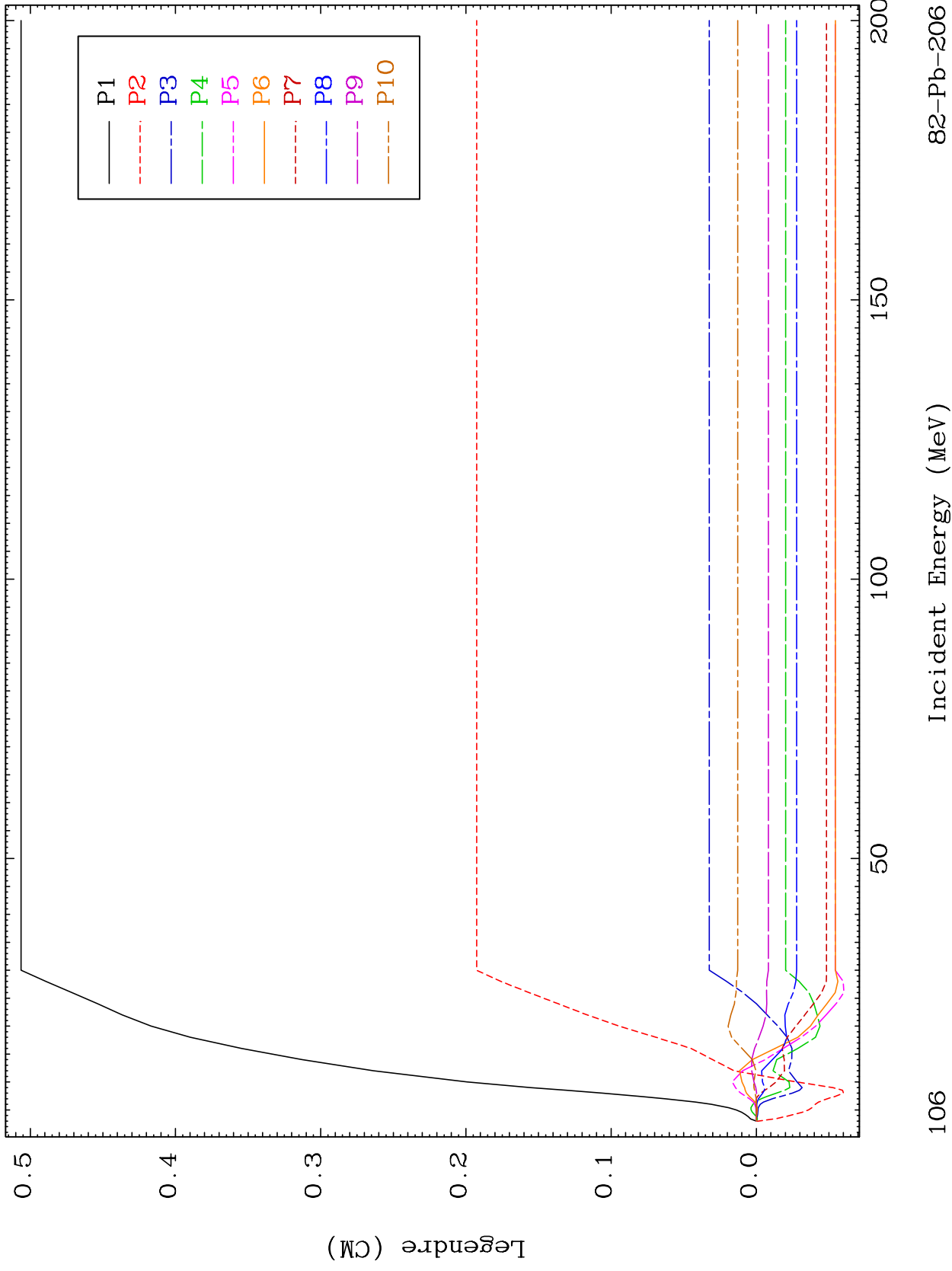
82-Pb-206



MAT 8231

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

82-Pb-206



106

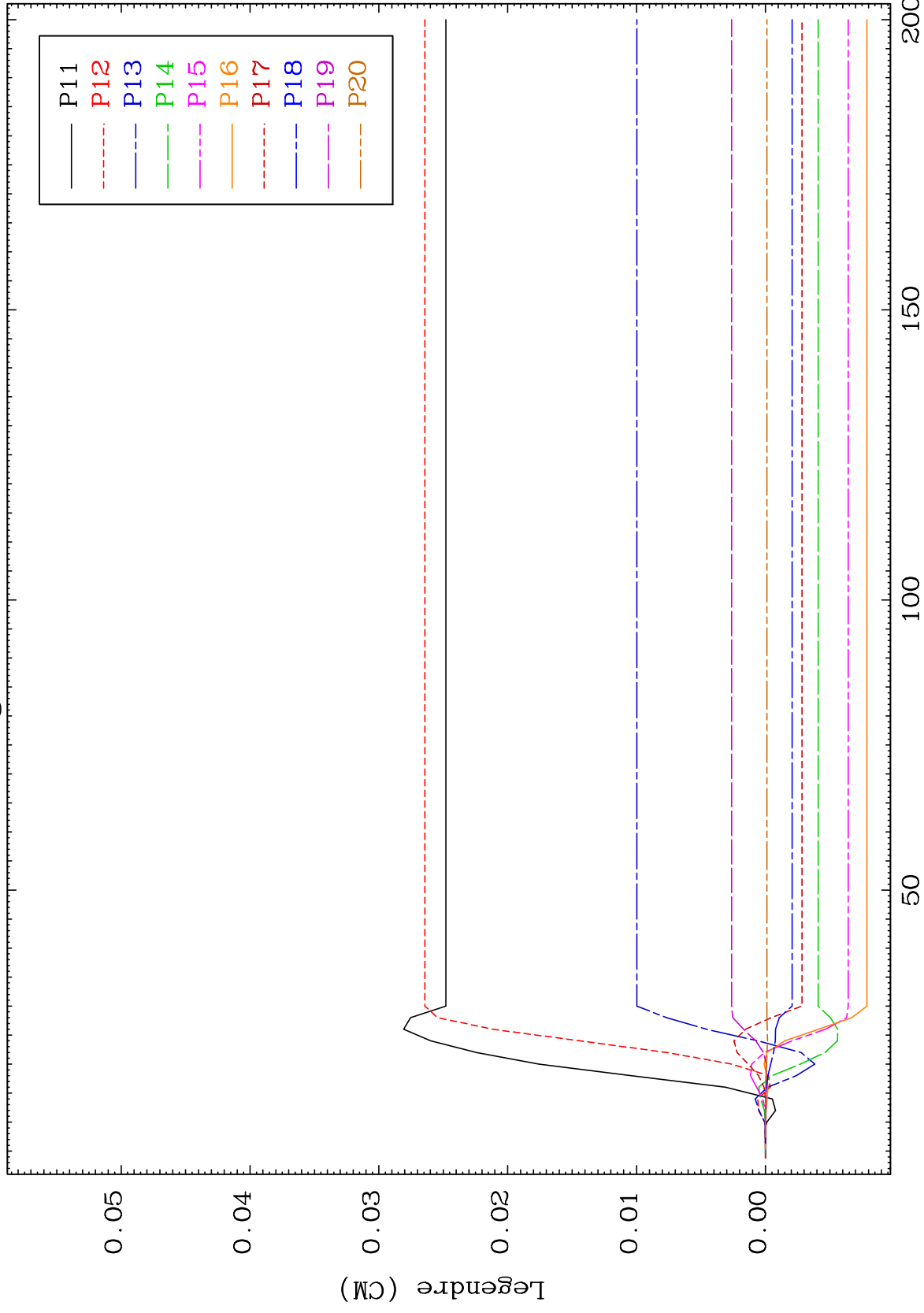
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



107

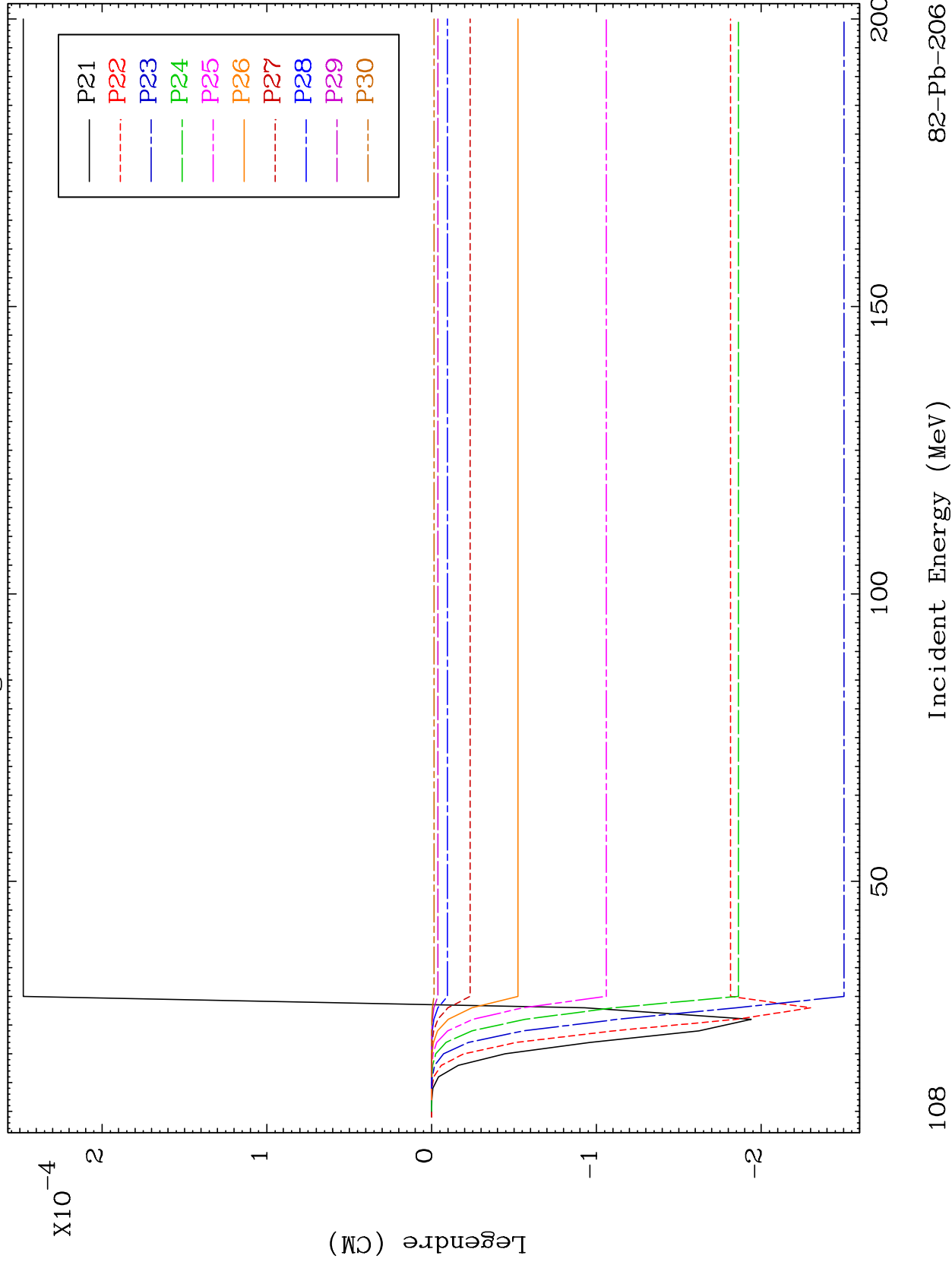
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

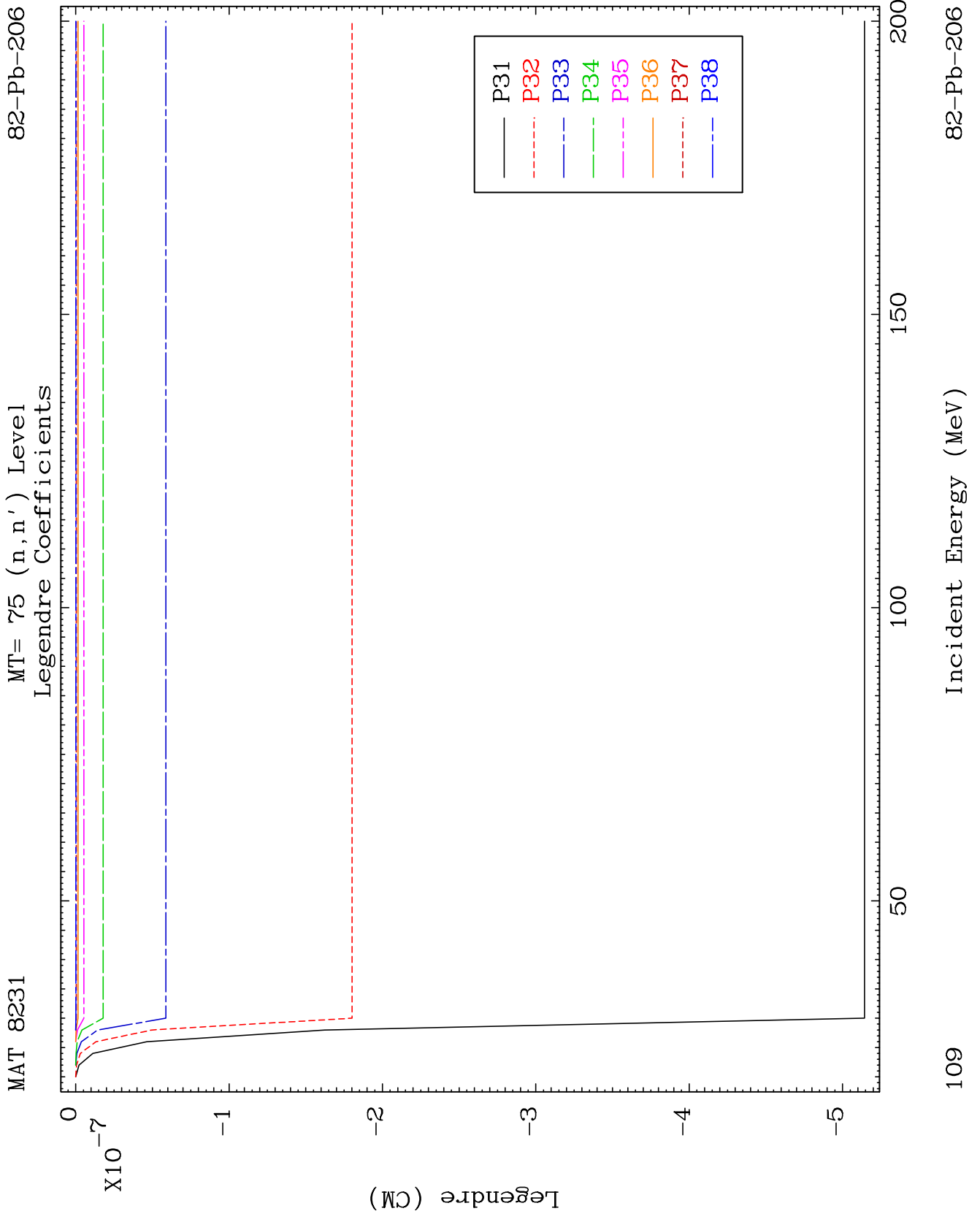
82-Pb-206



108

Incident Energy (MeV)

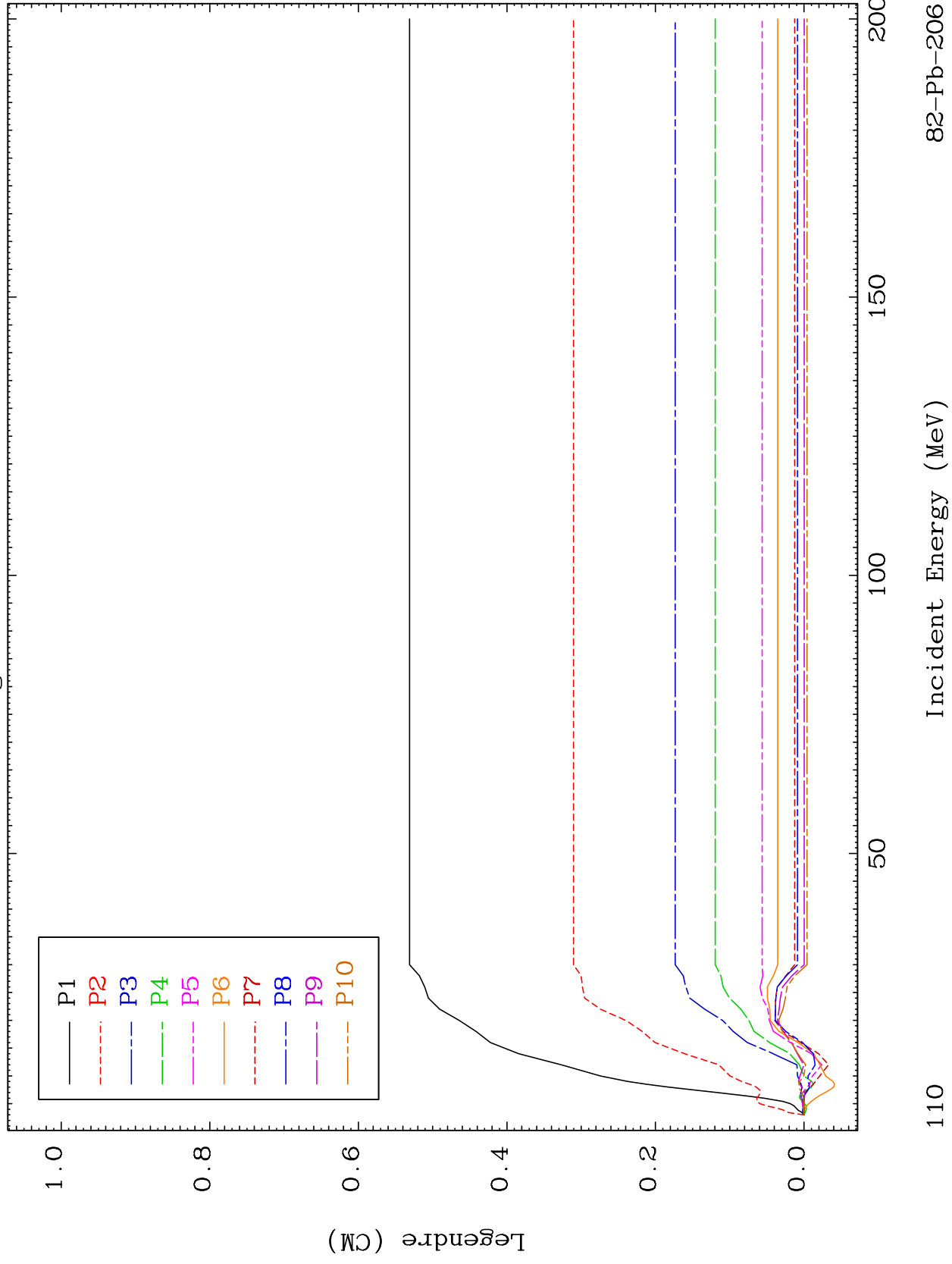
82-Pb-206



MAT 8231

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

82-Pb-206



82-Pb-206

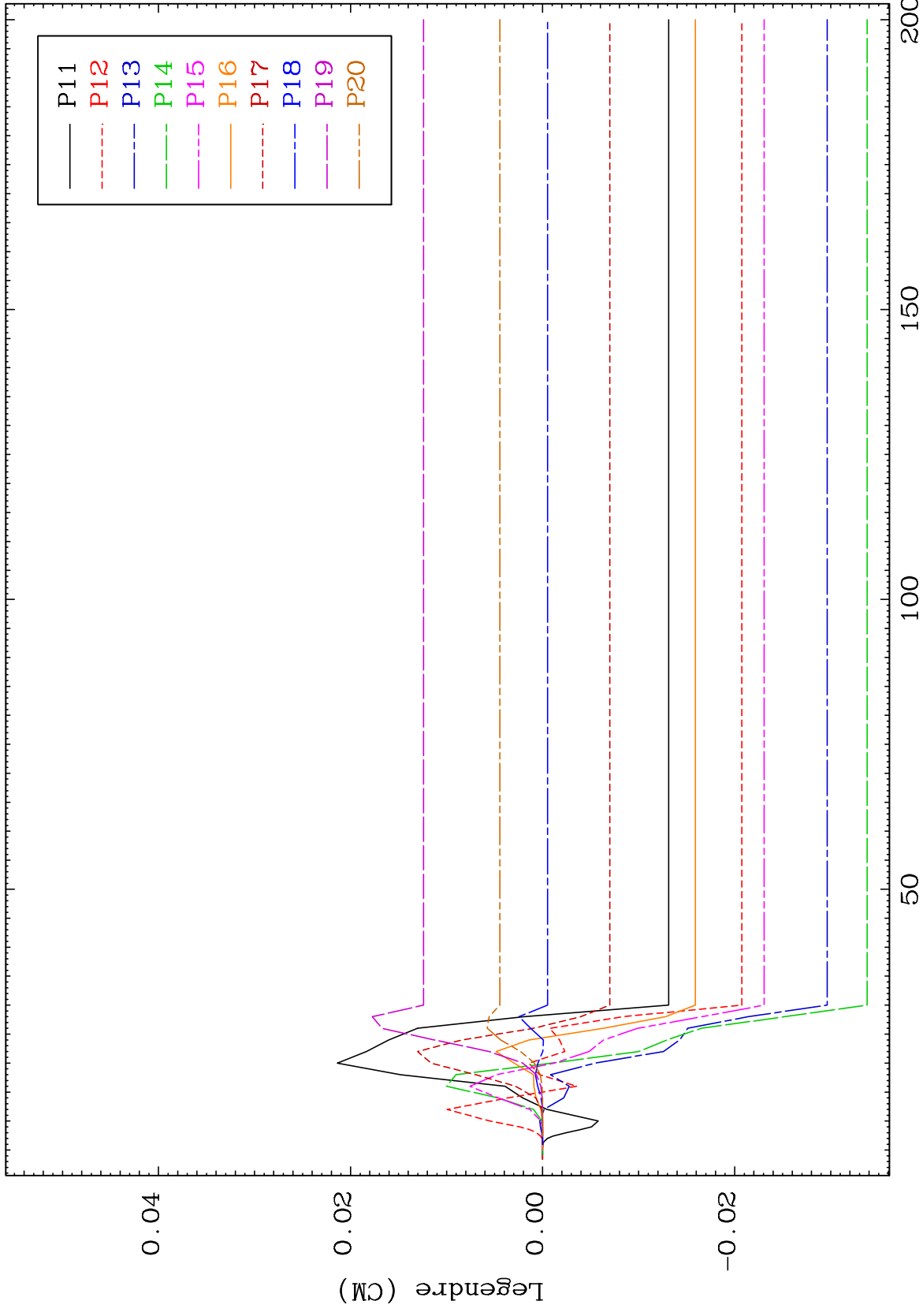
Incident Energy (MeV)

110

MAT 8231

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

82-Pb-206



111

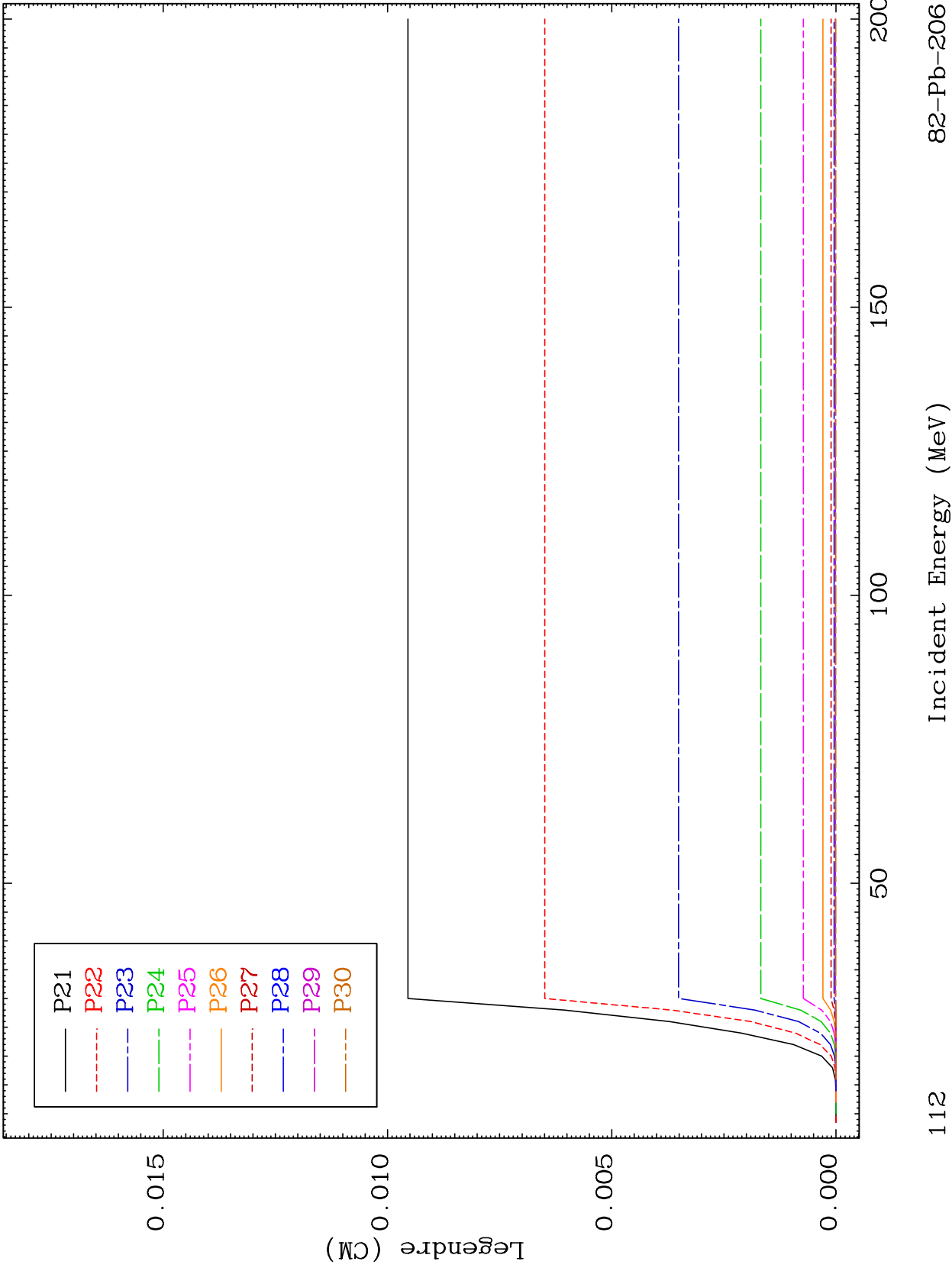
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



112

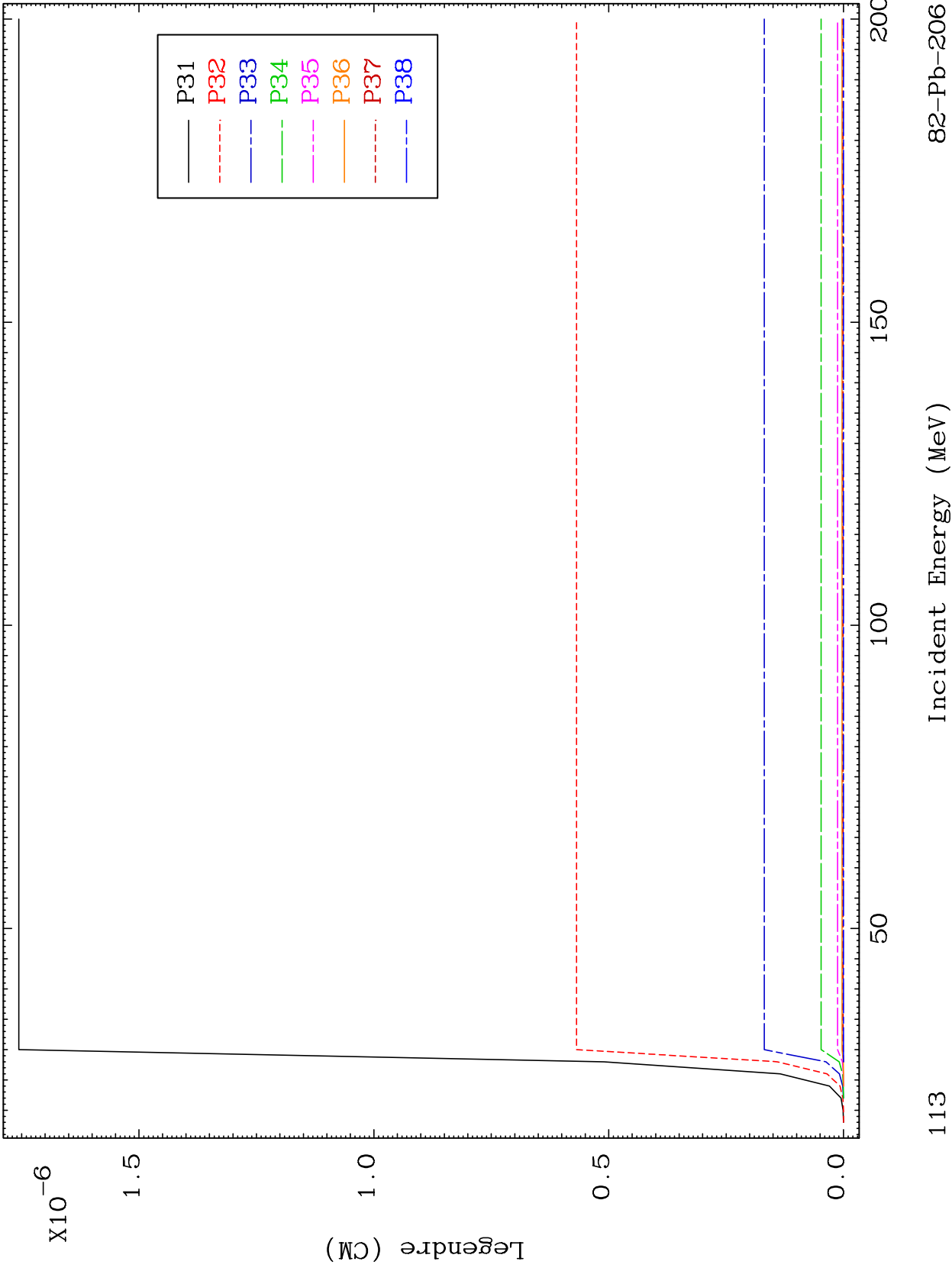
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

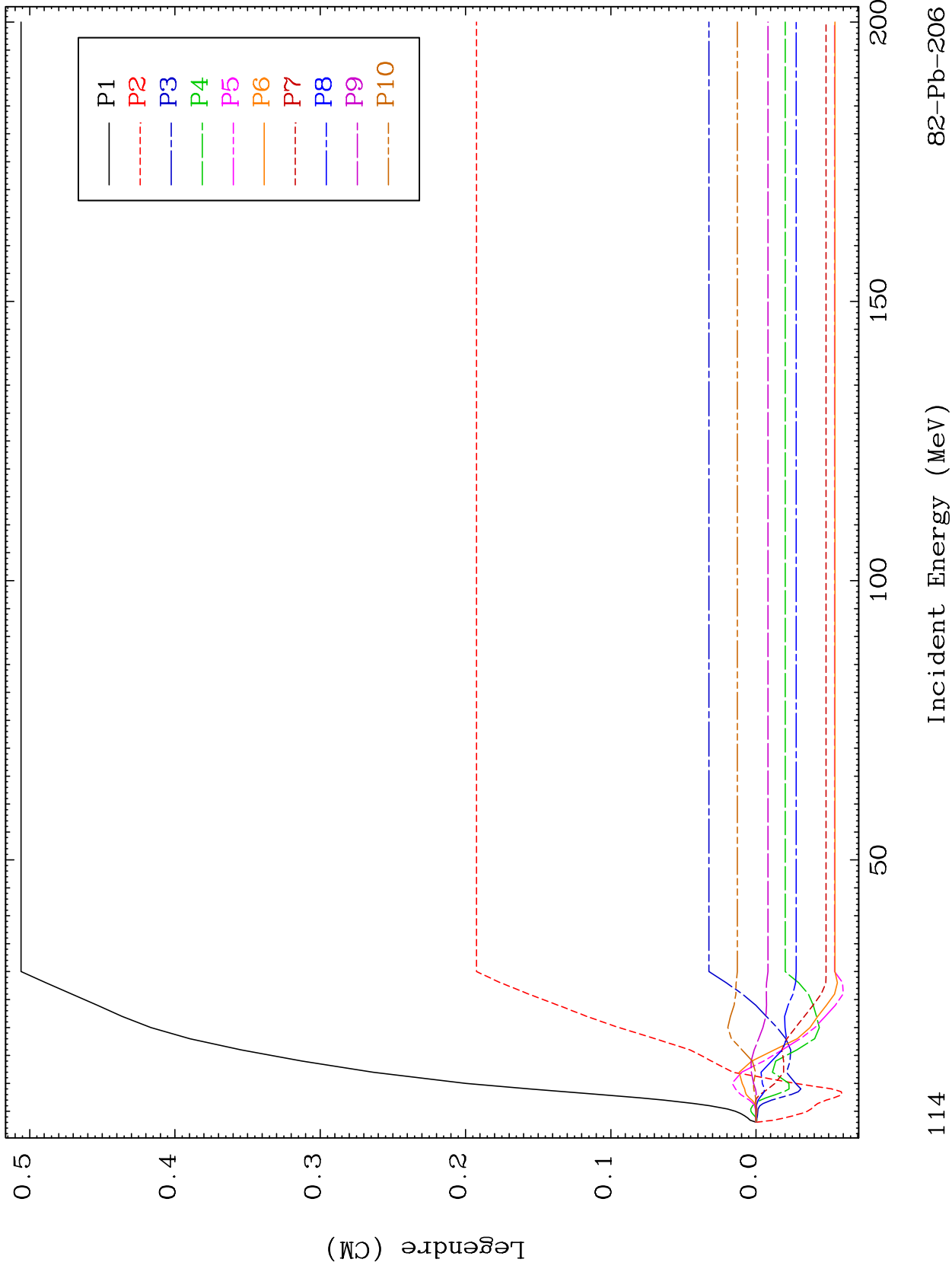
82-Pb-206



MAT 8231

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

82-Pb-206

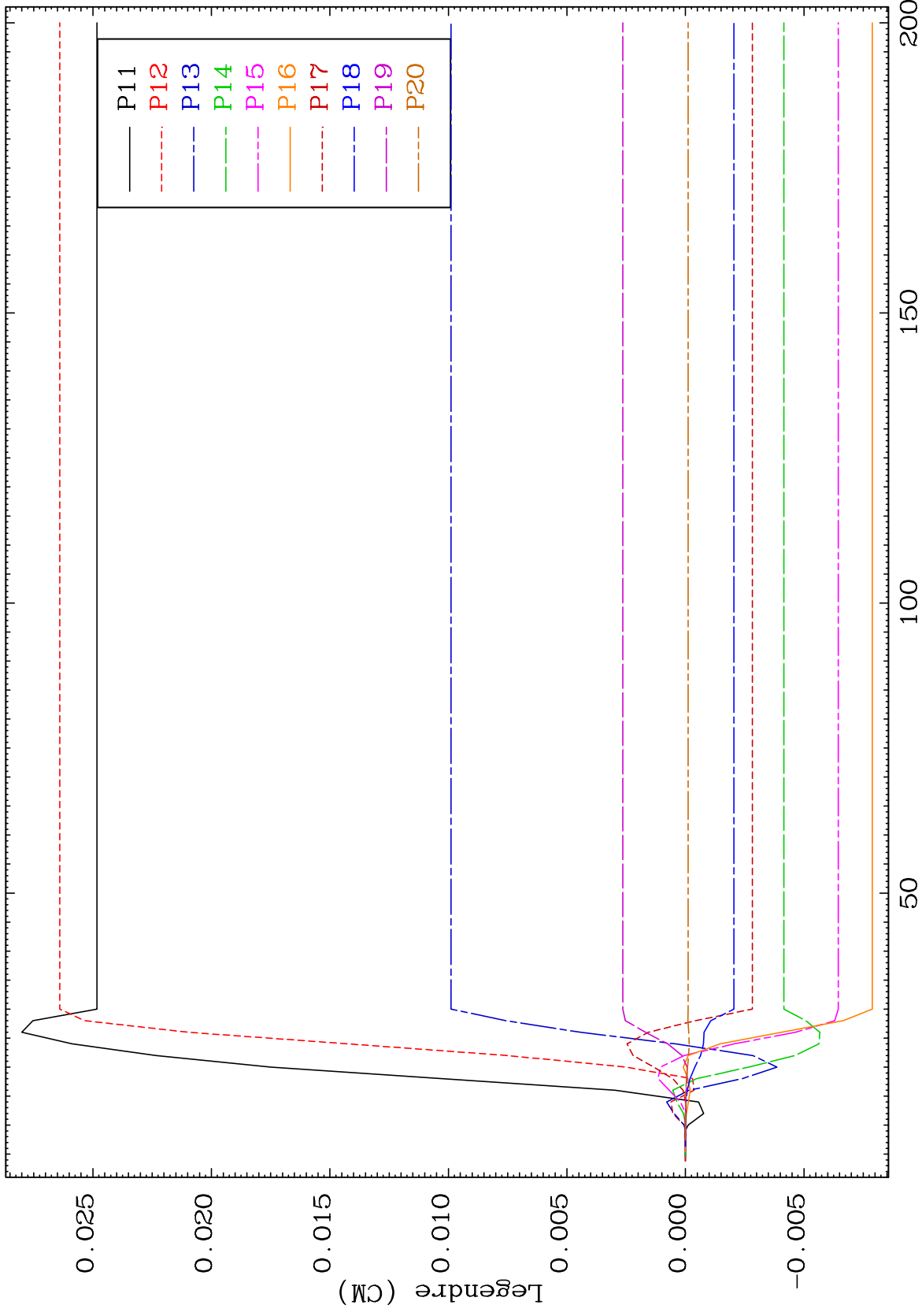


114

MAT 8231

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

82-Pb-206



115

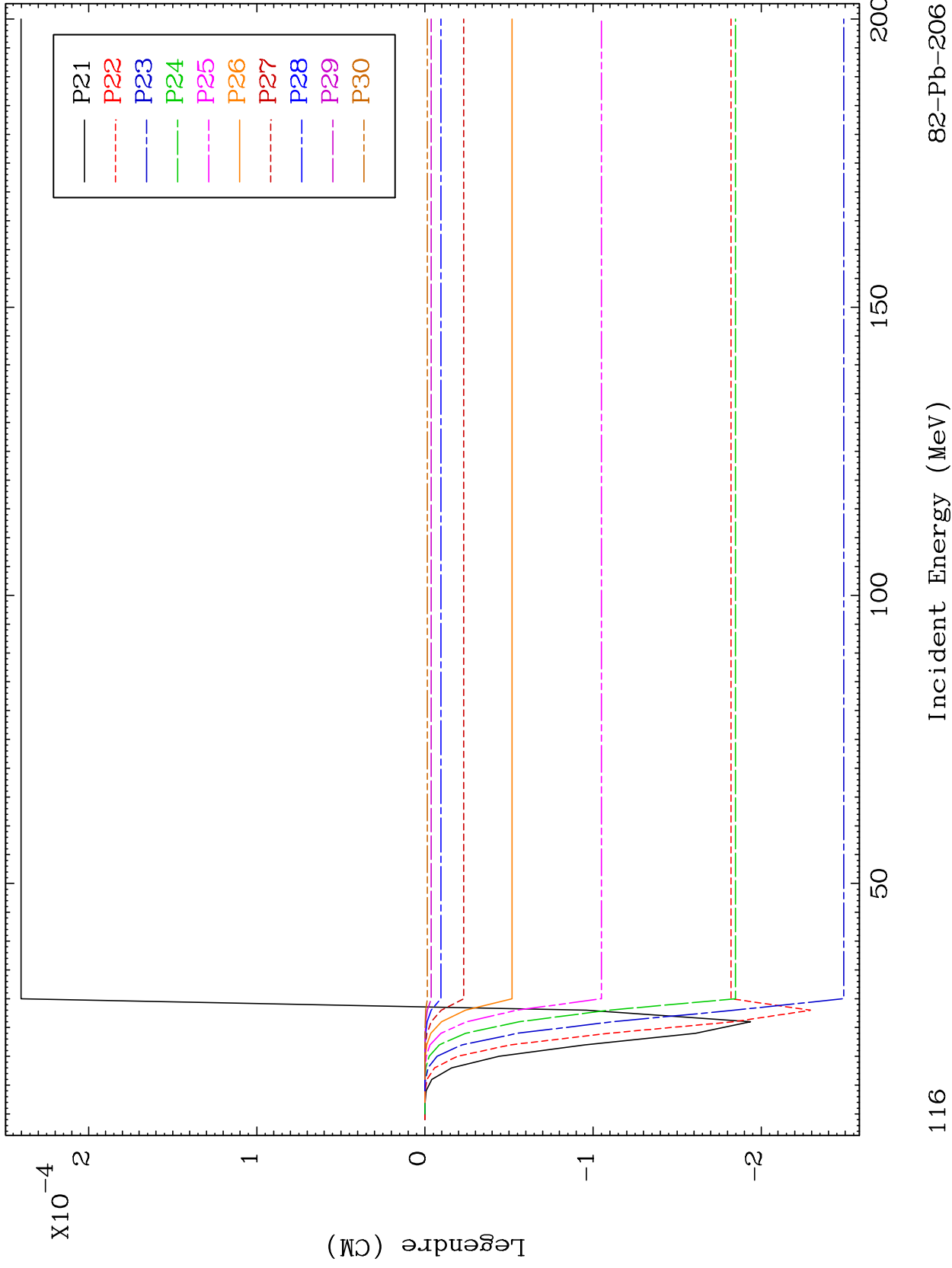
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

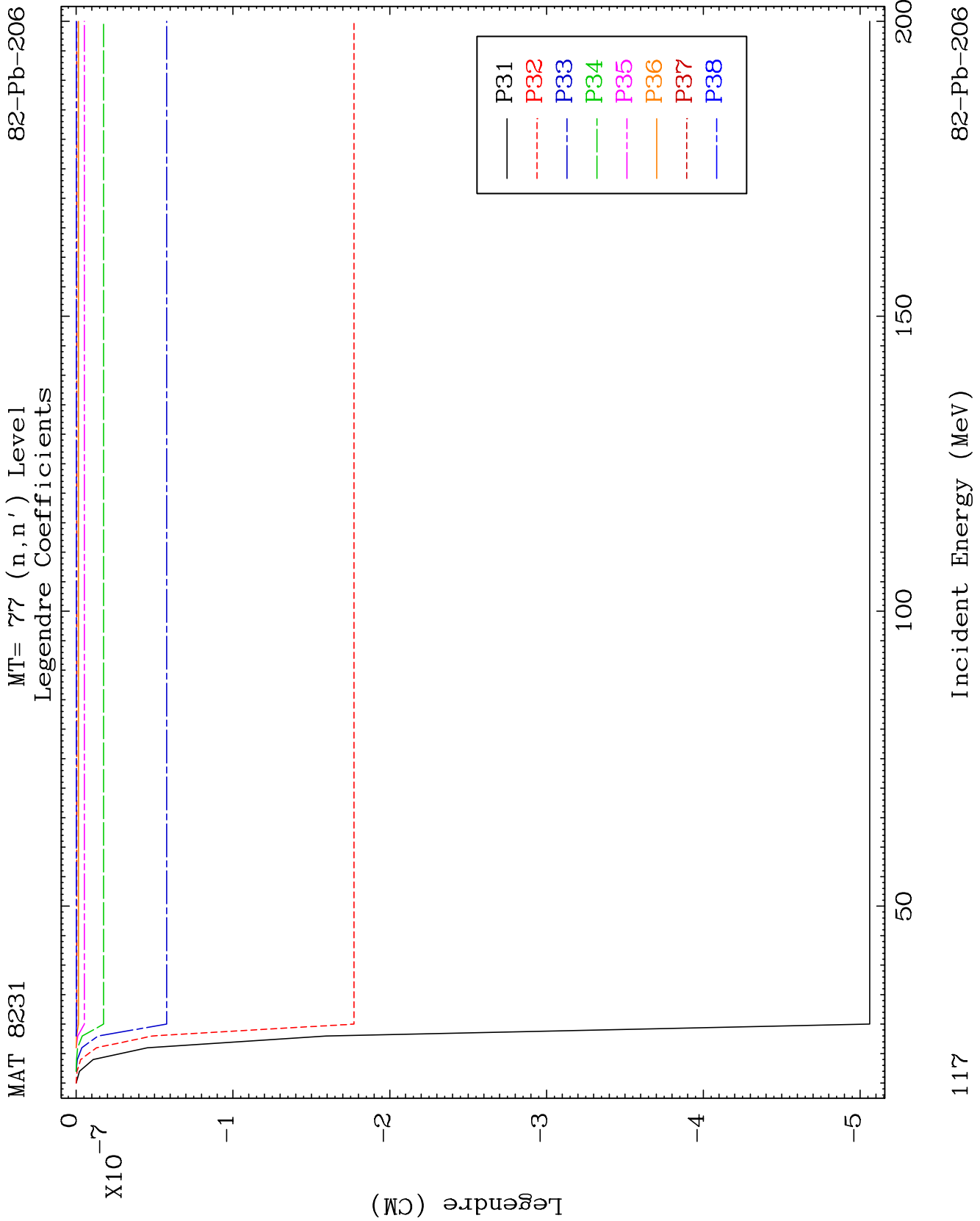
82-Pb-206



116

Incident Energy (MeV)

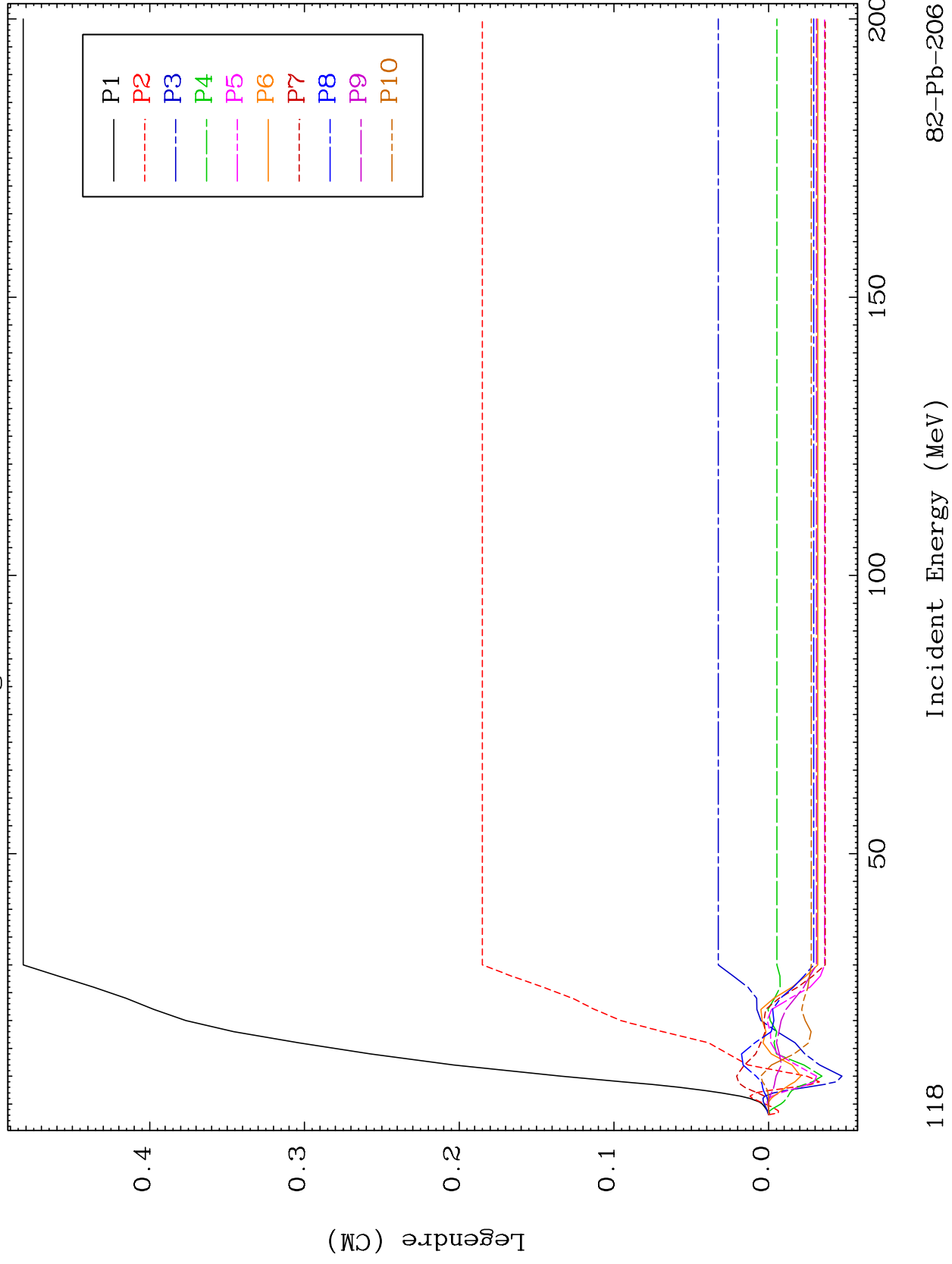
82-Pb-206



MAT 8231

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

82-Pb-206



118

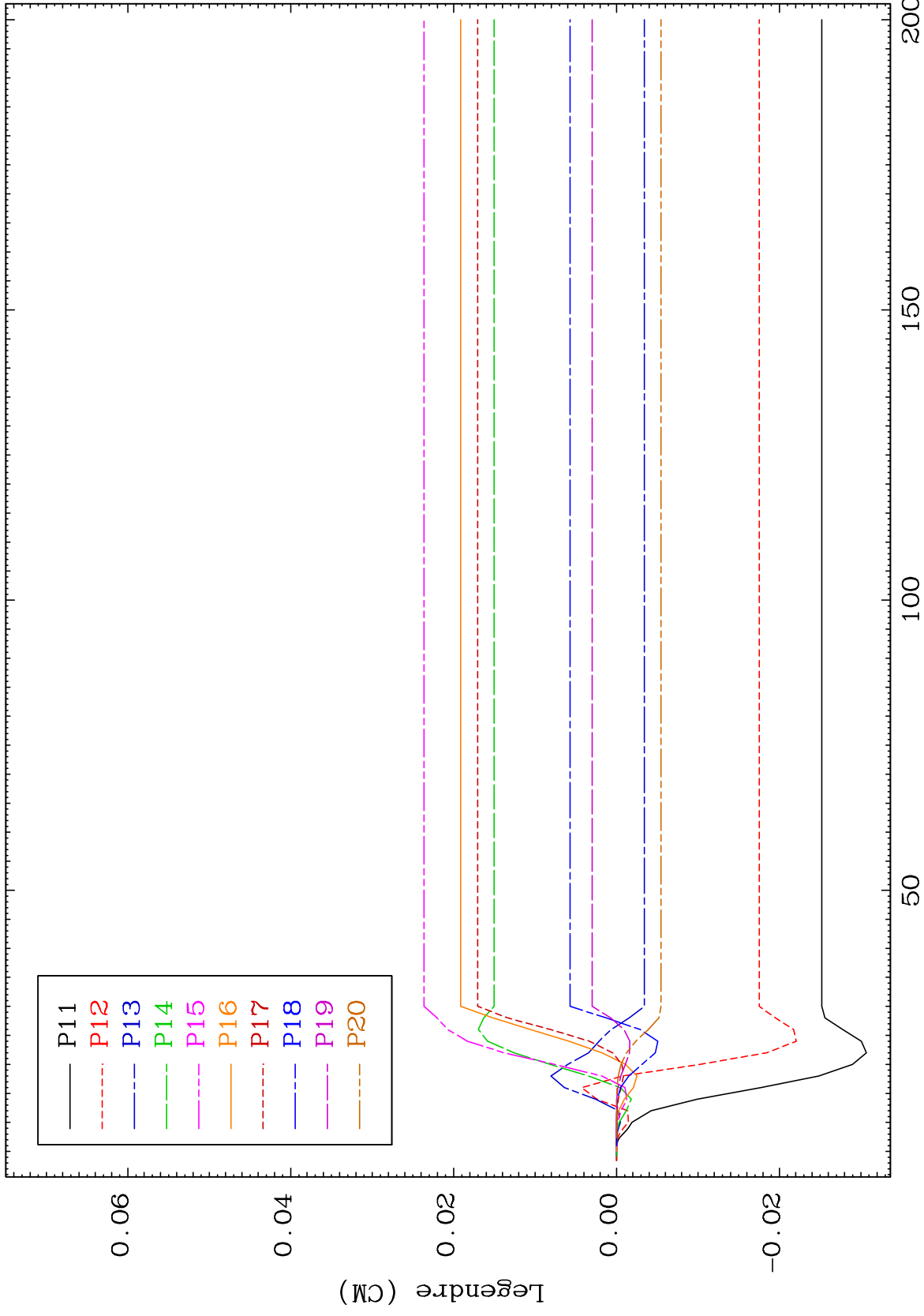
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



119

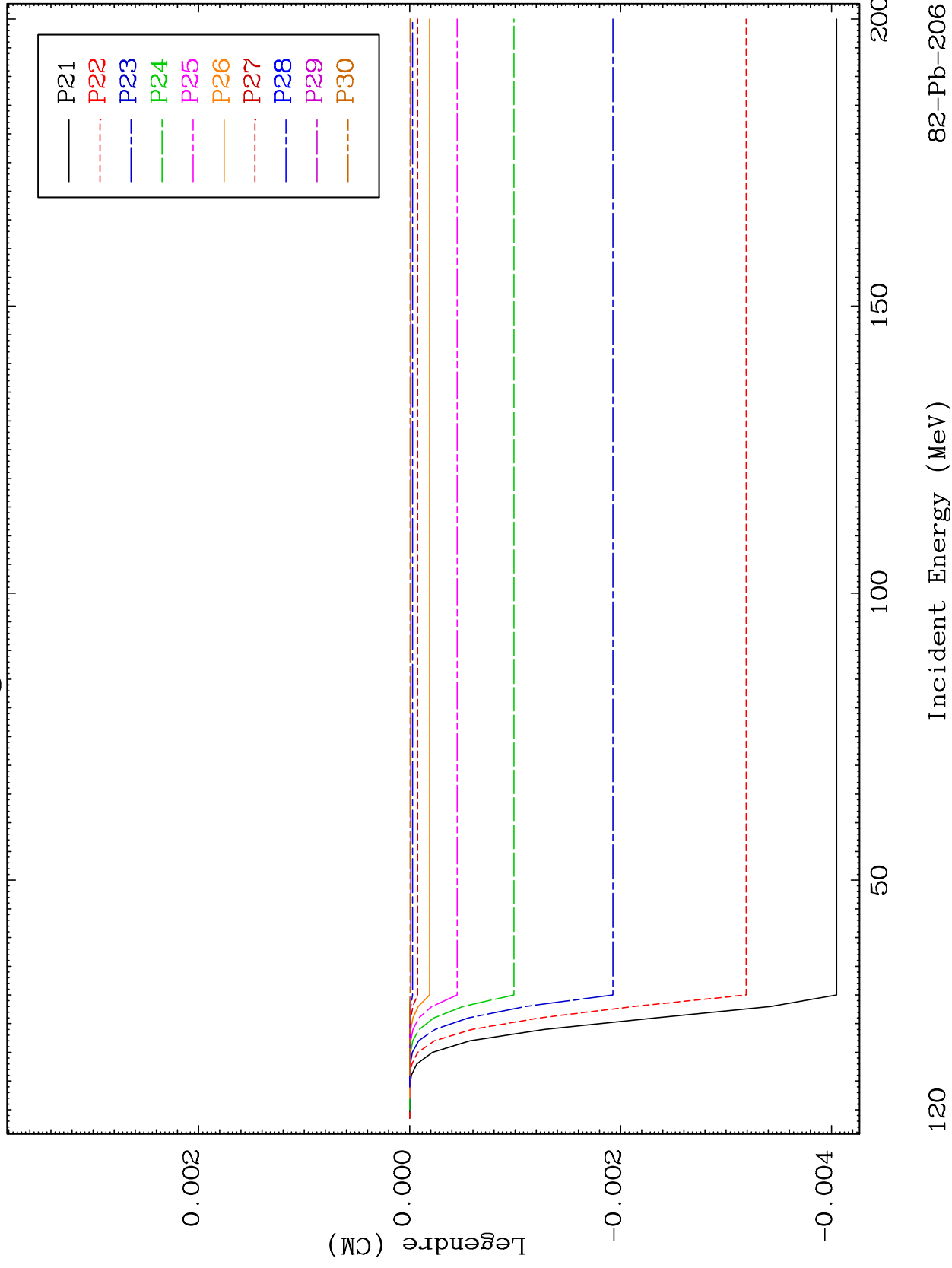
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

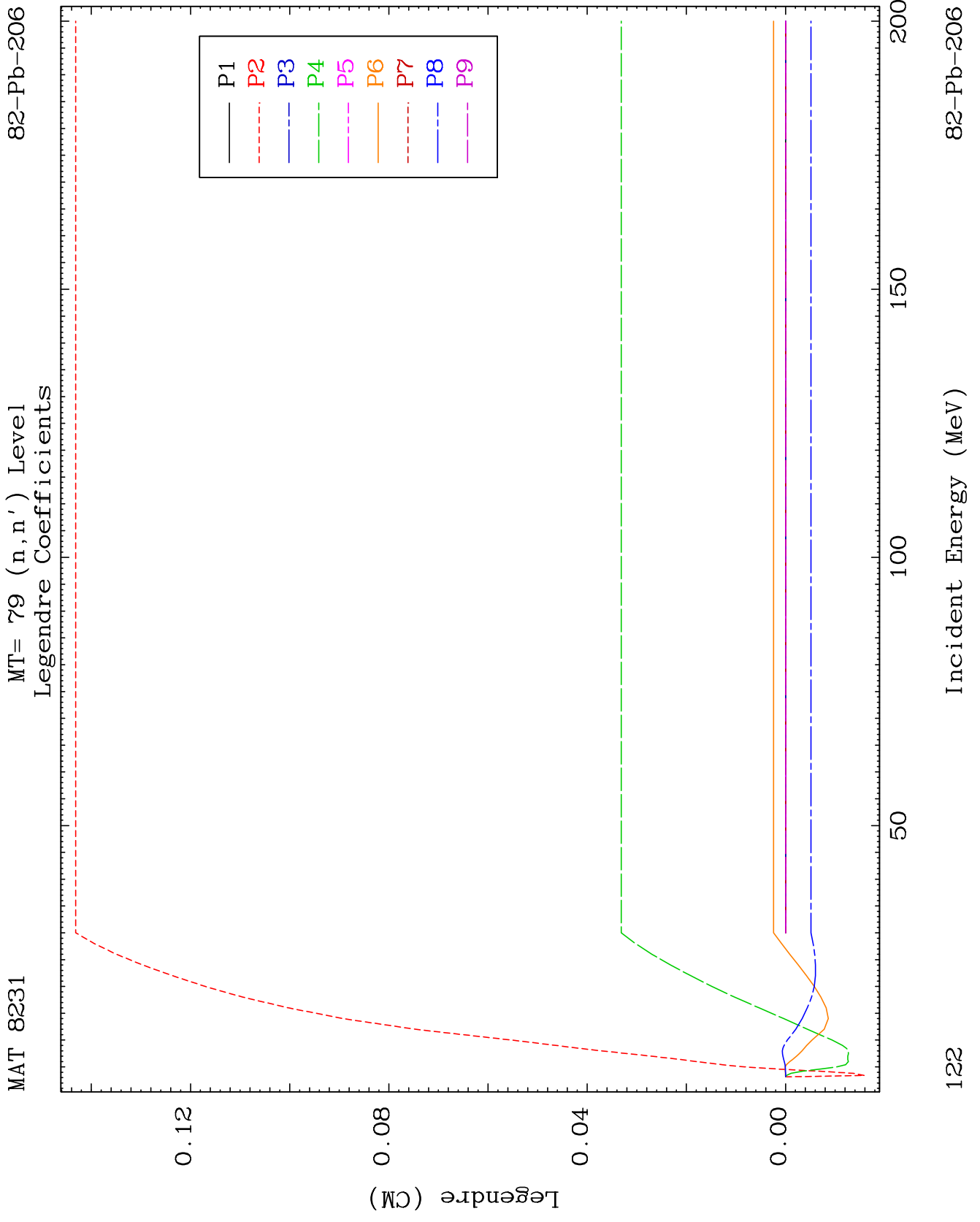
82-Pb-206



82-Pb-206

Incident Energy (MeV)

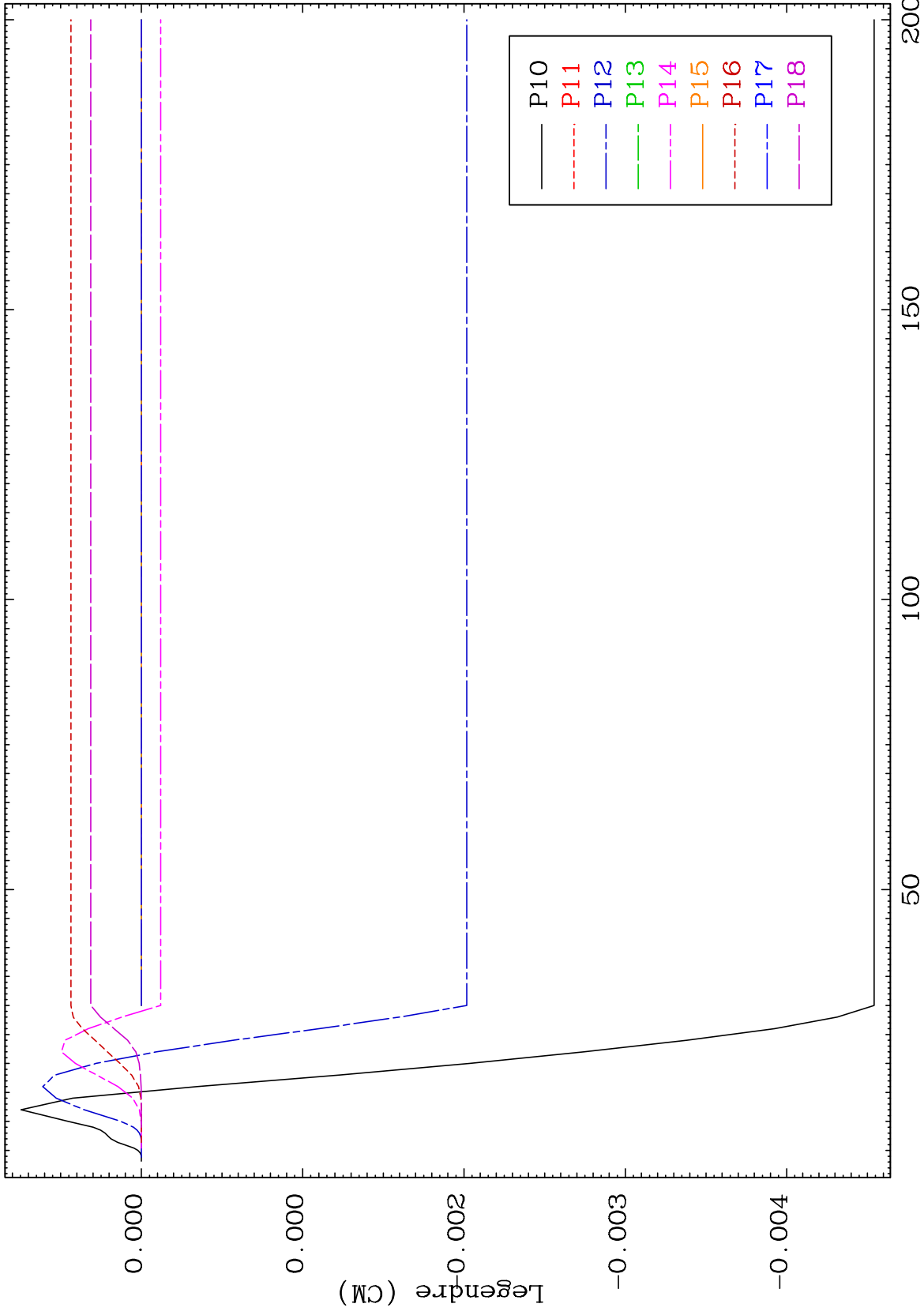
120

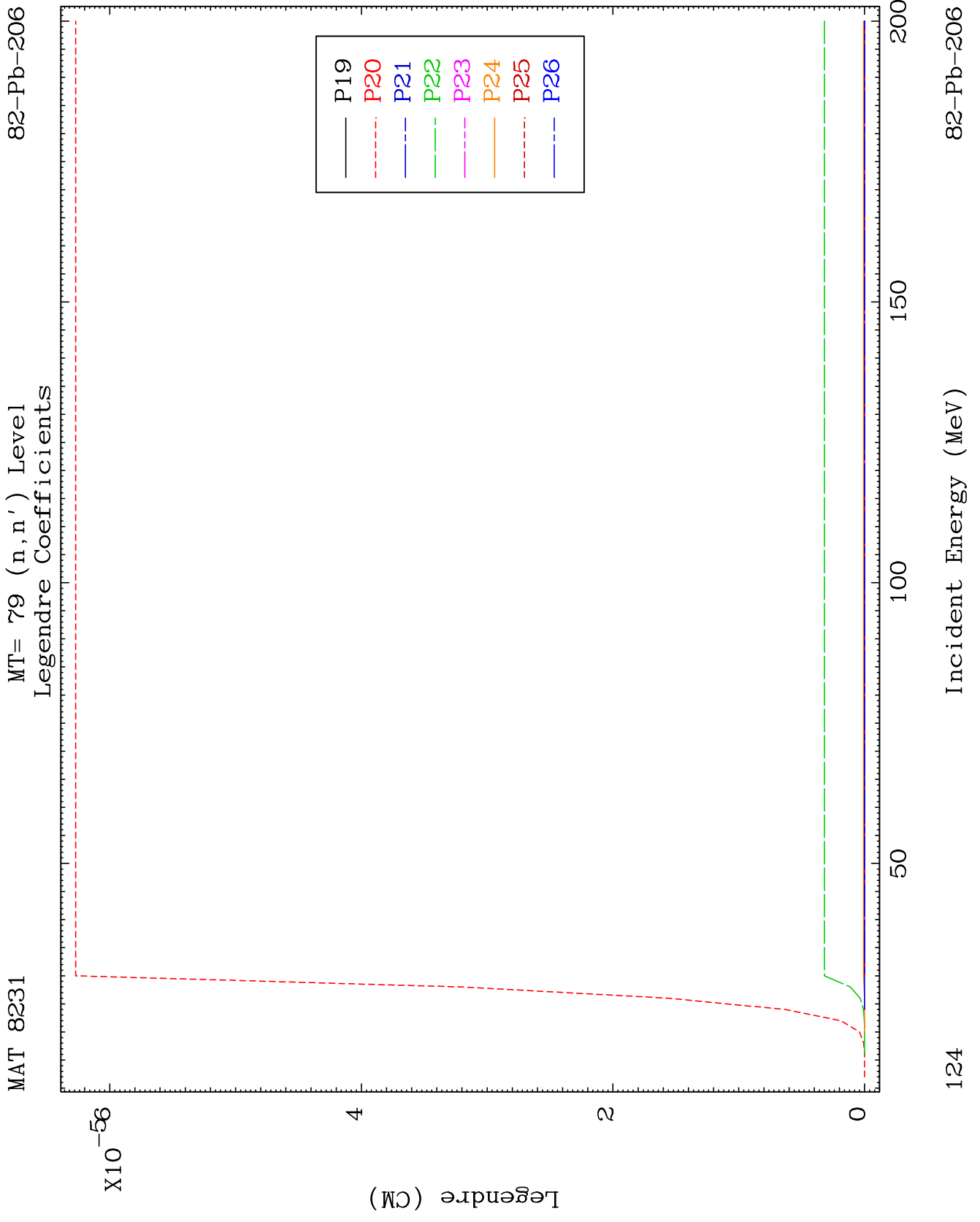


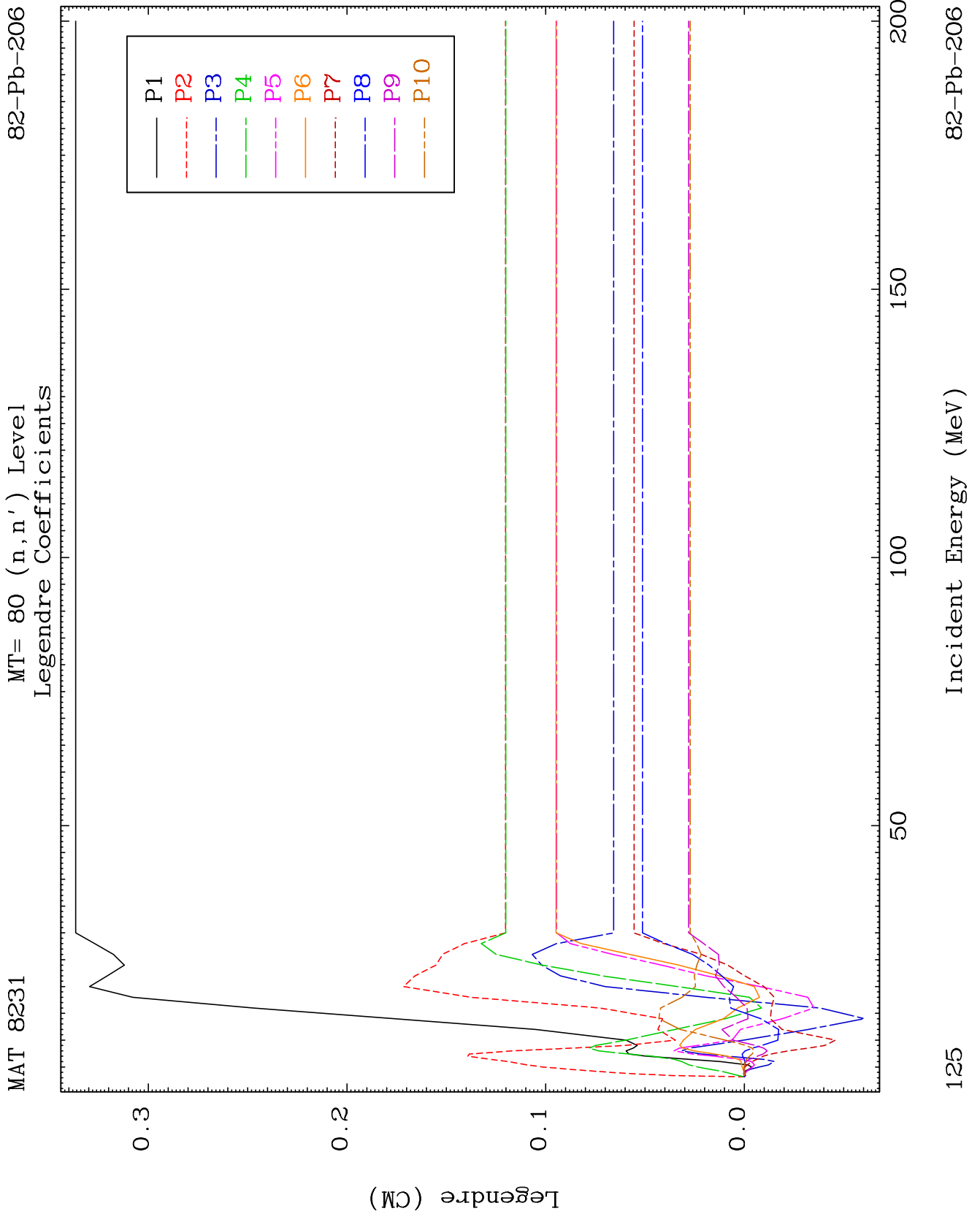
MAT 8231

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

82-Pb-206



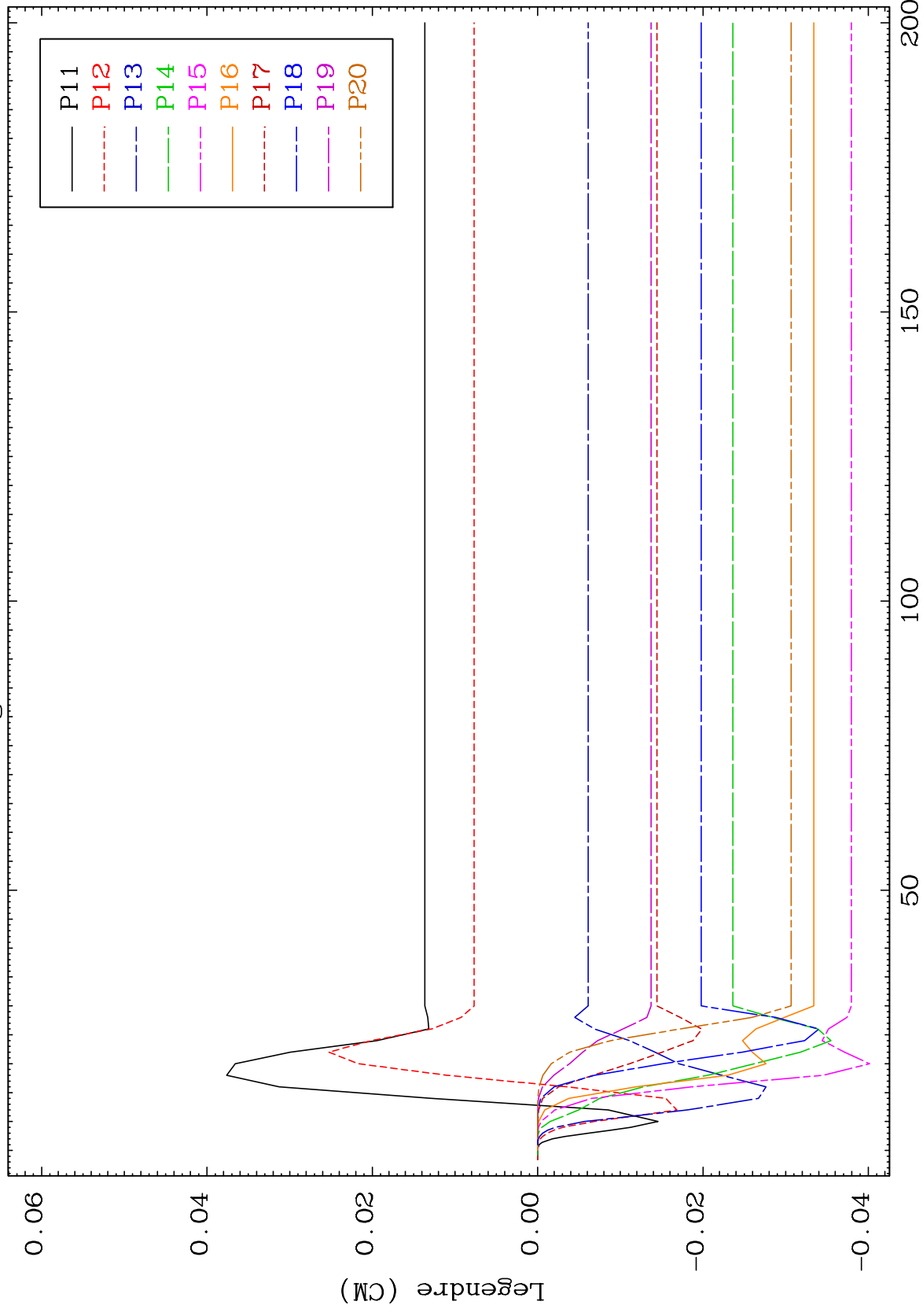




MAT 8231

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

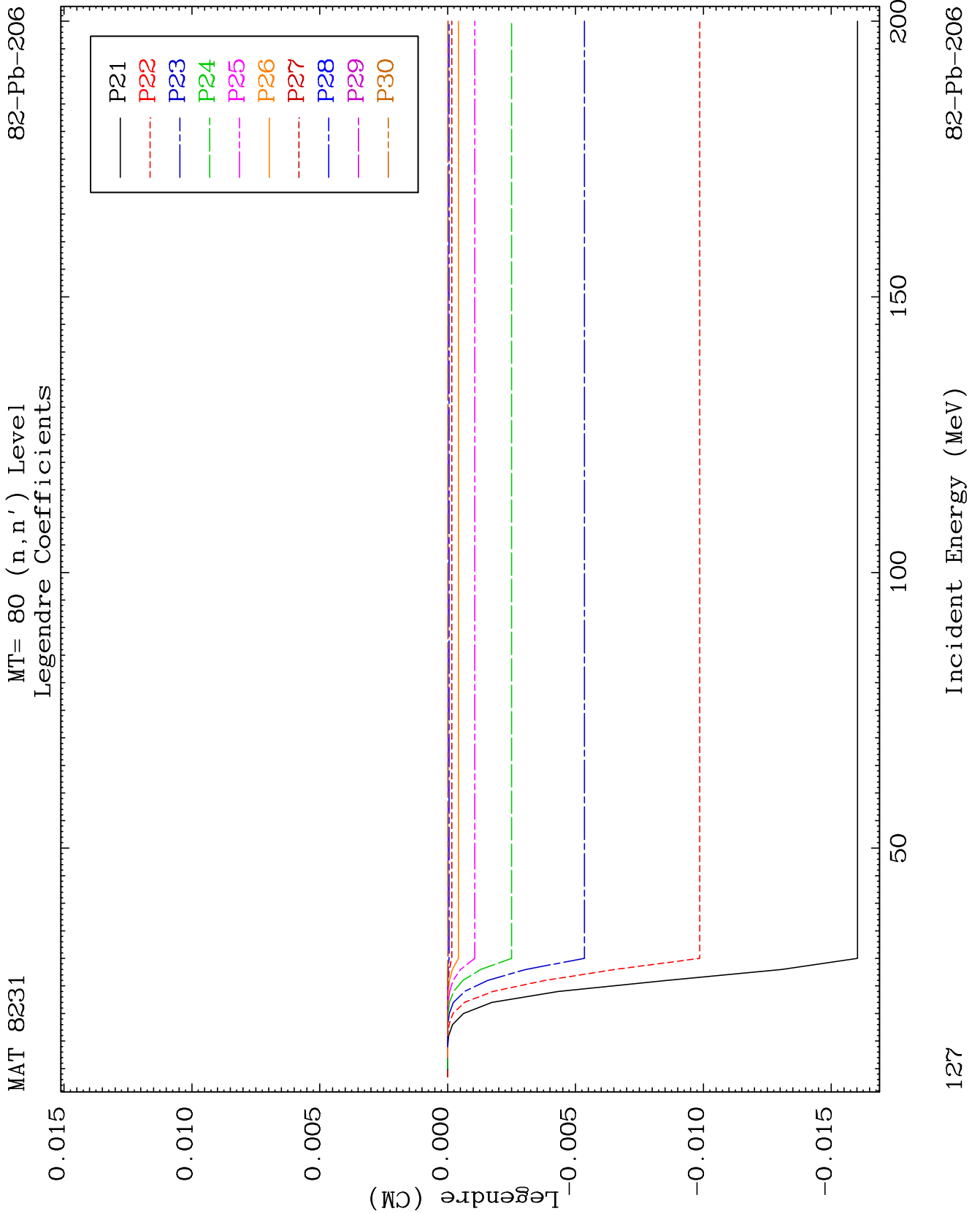
82-Pb-206

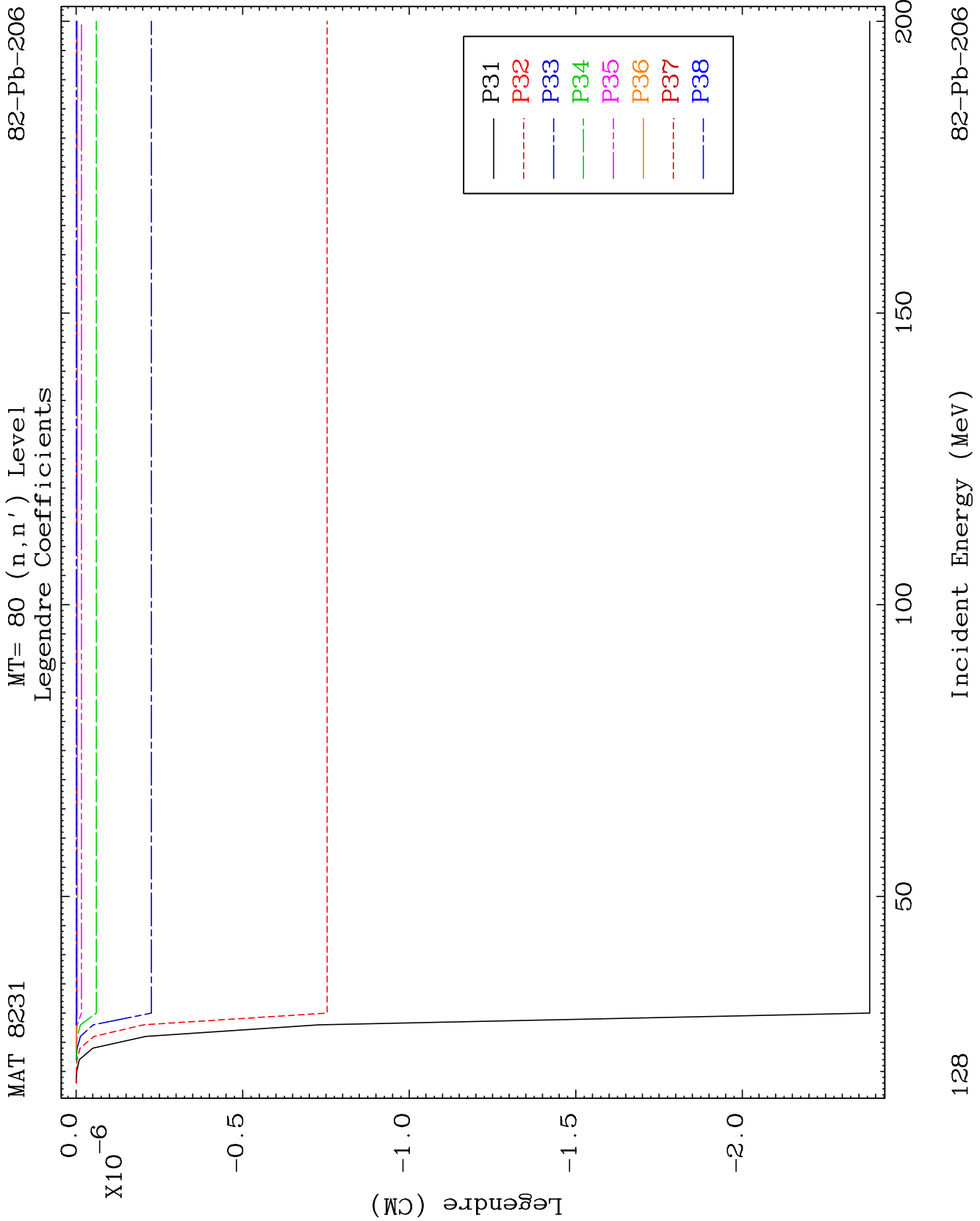


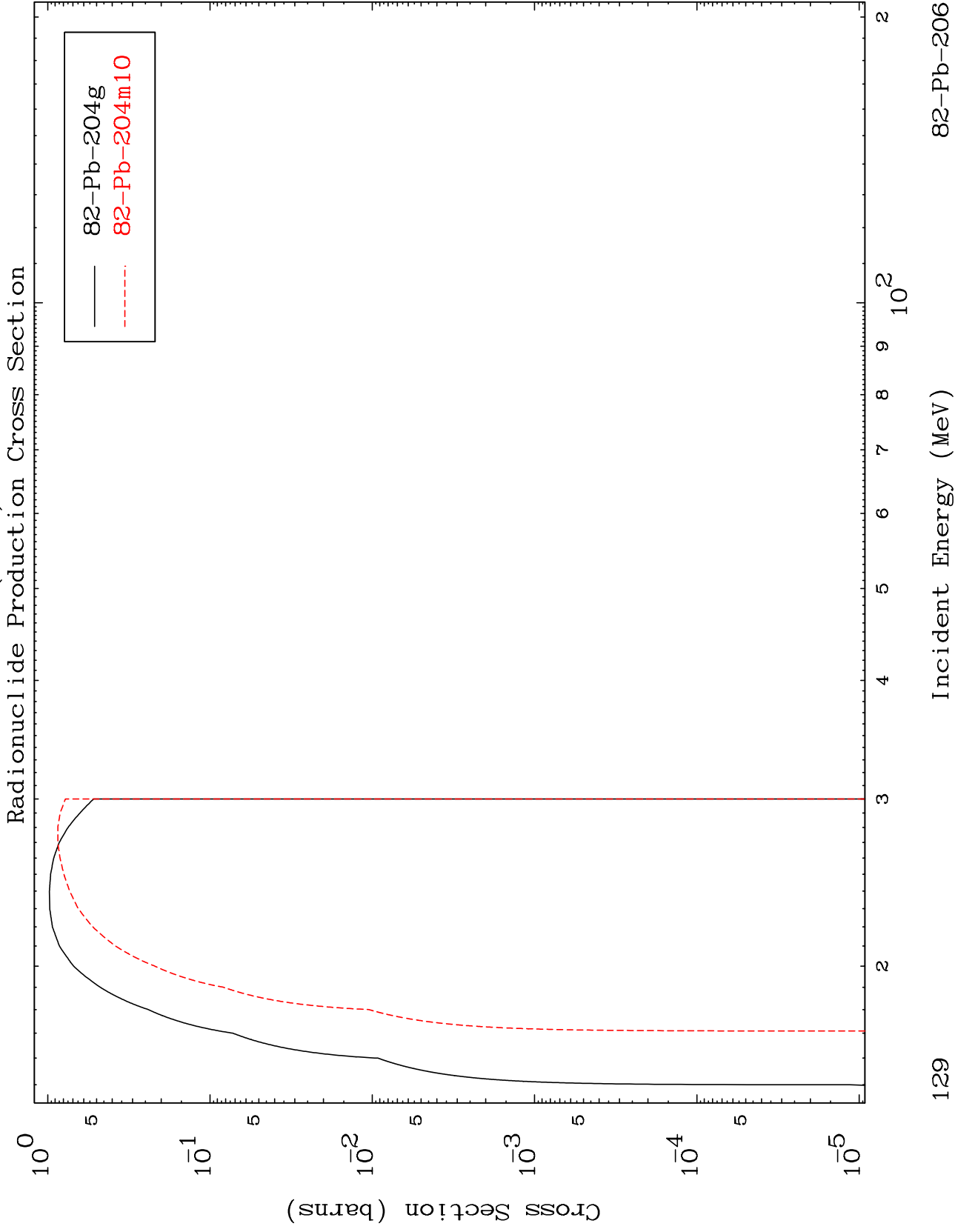
126

Incident Energy (MeV)

82-Pb-206





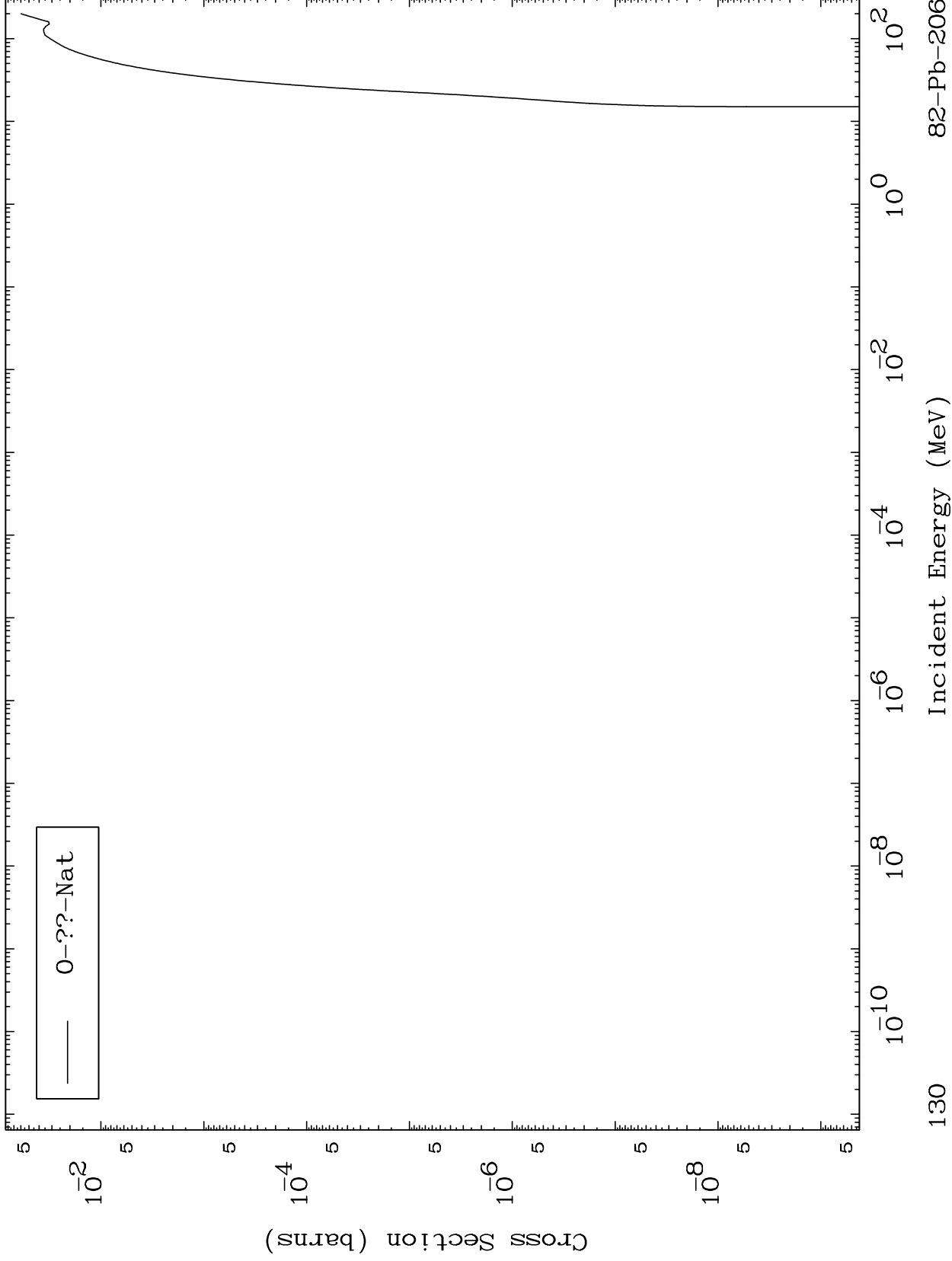


MAT 8231

Fission

82-Pb-206

Radionuclide Production Cross Section



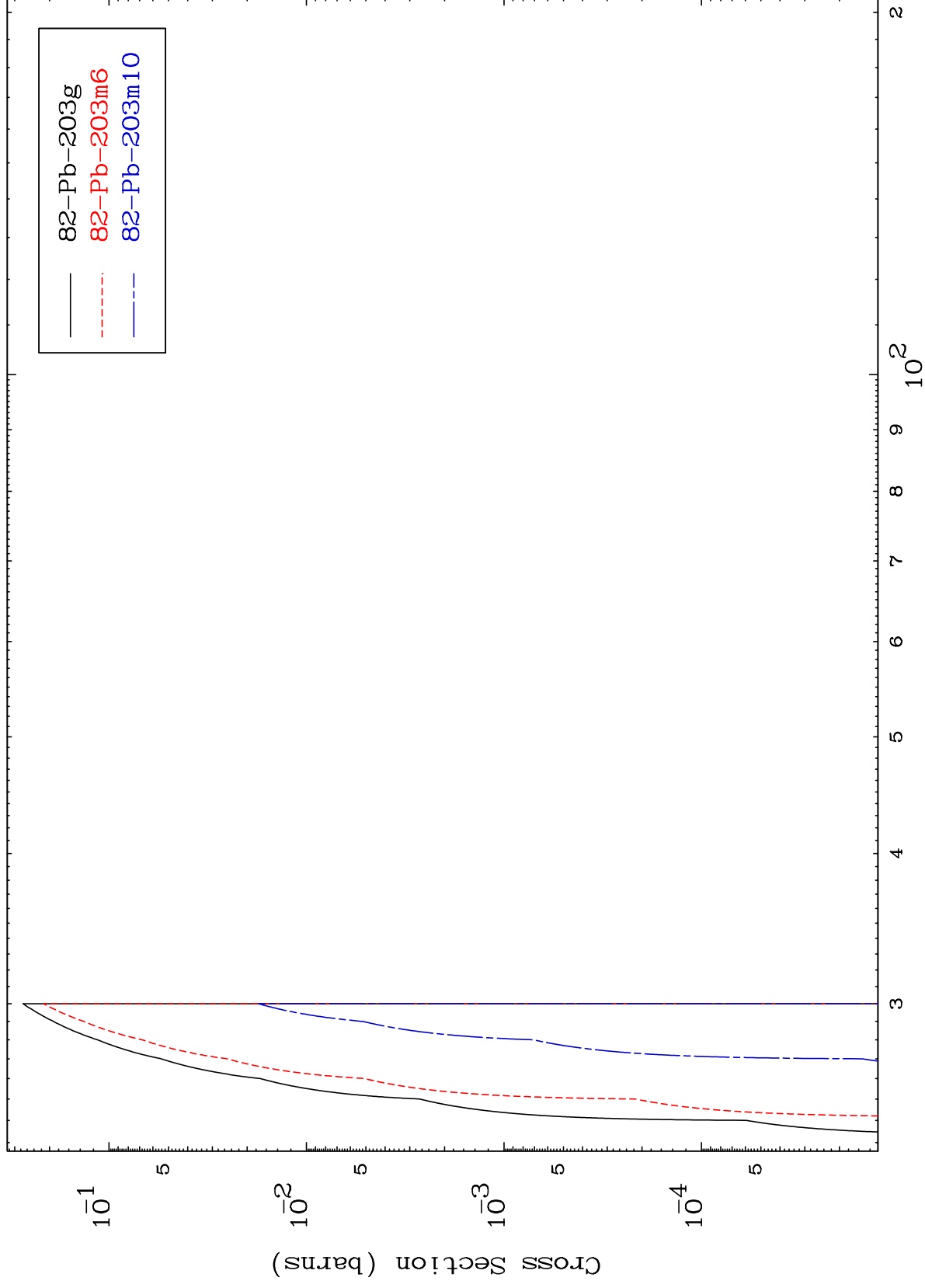
130

82-Pb-206

MAT 8231

82-Pb-206

(n,4n)
Radionuclide Production Cross Section



131

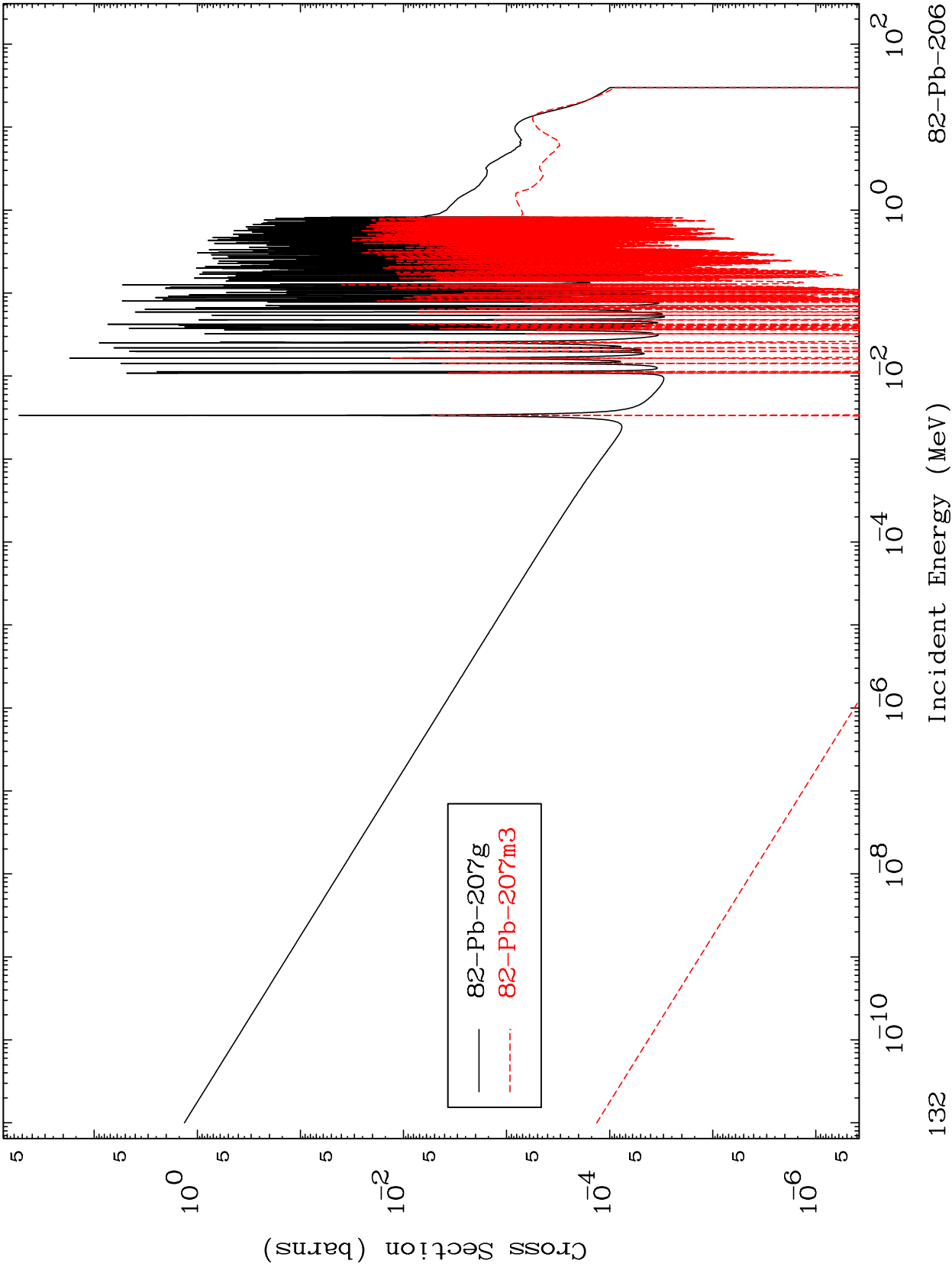
Incident Energy (MeV)

82-Pb-206

MAT 8231

82-Pb-206

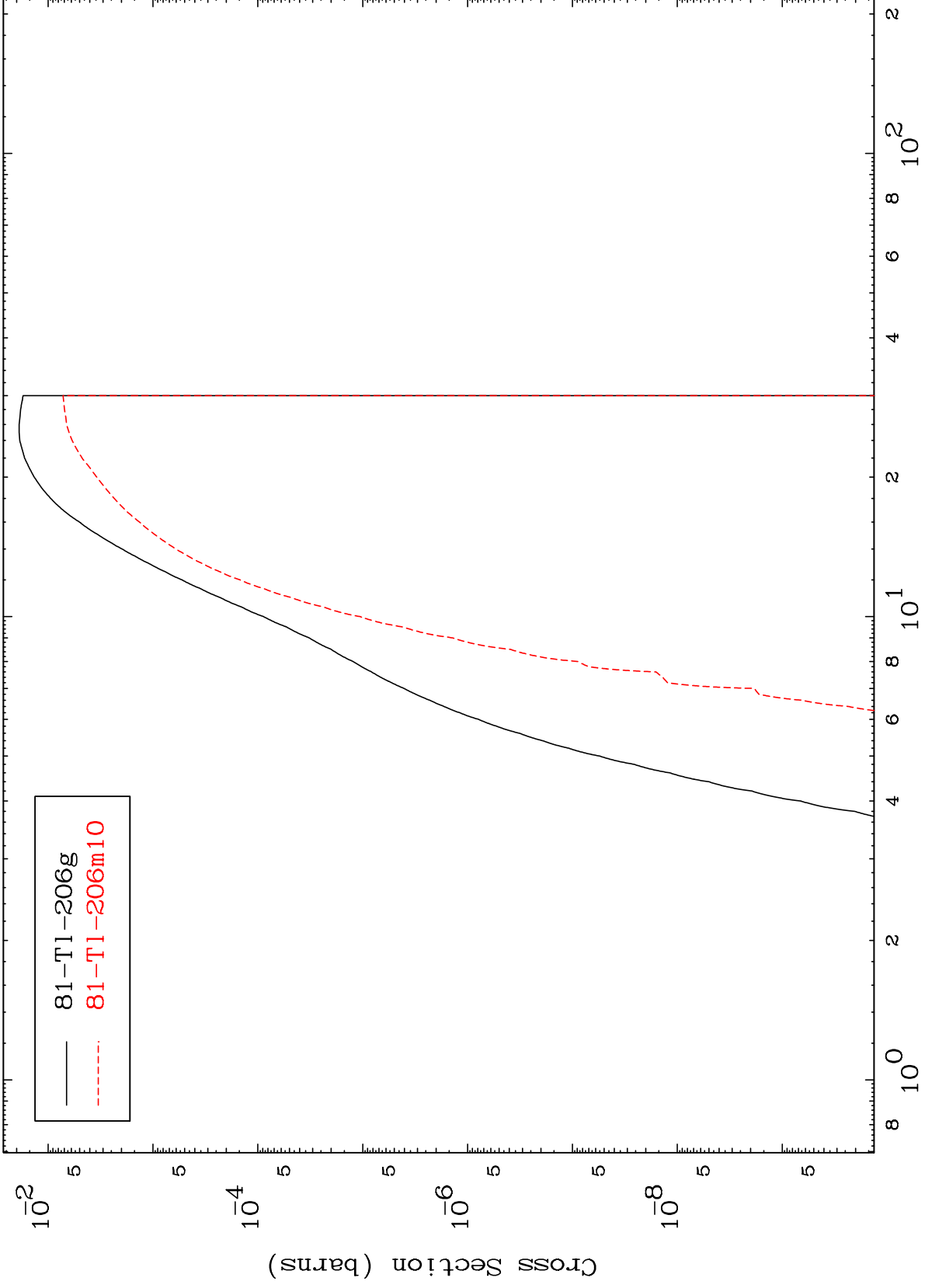
(n, γ)
Radionuclide Production Cross Section



MAT 8231

82-Pb-206

(n,p)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

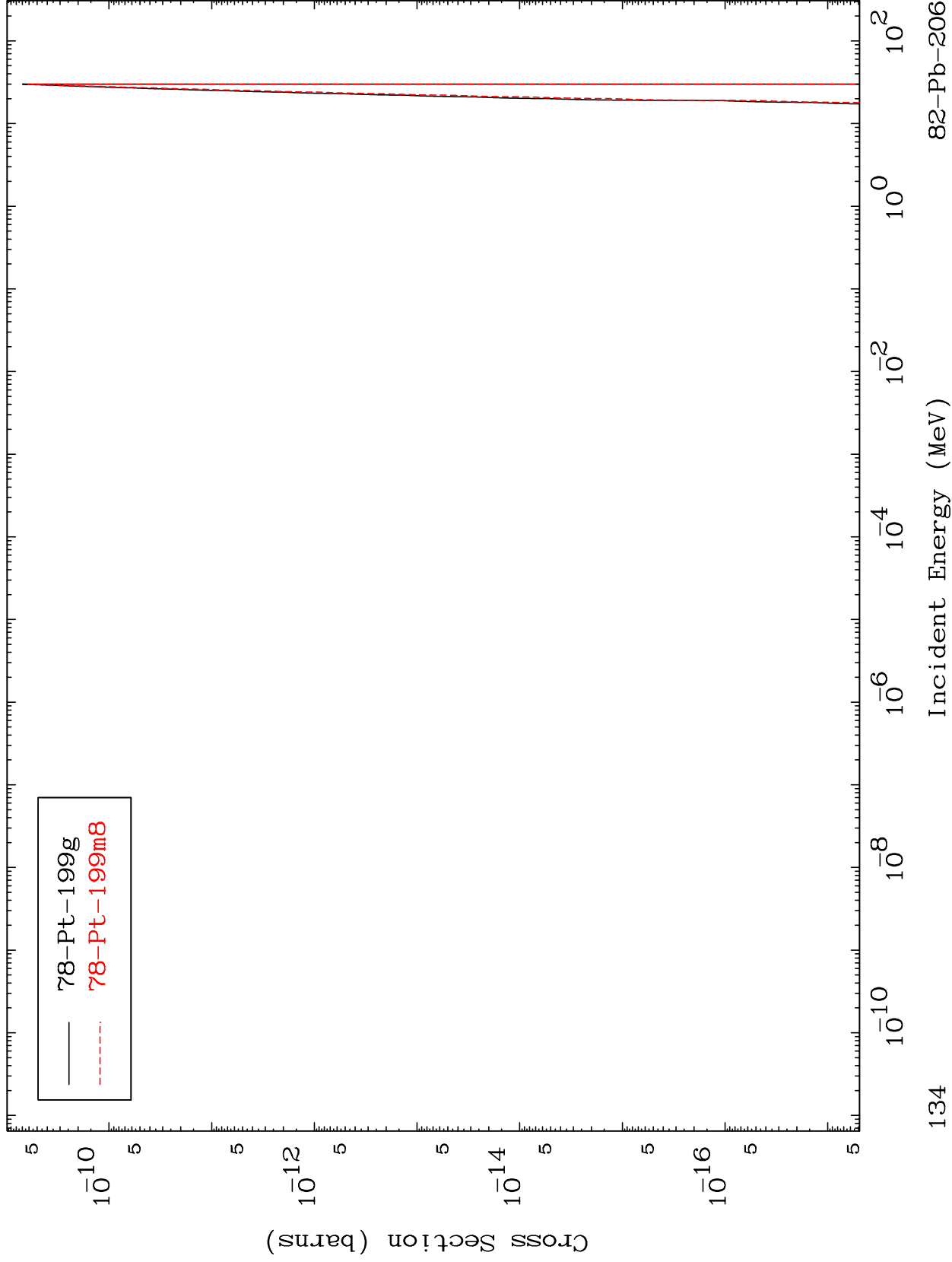
82-Pb-206

MAT 8231

(n,2α)

82-Pb-206

Radionuclide Production Cross Section



134

Incident Energy (MeV)

82-Pb-206