

Program EVALPLOT
(Version 2015-2)

by

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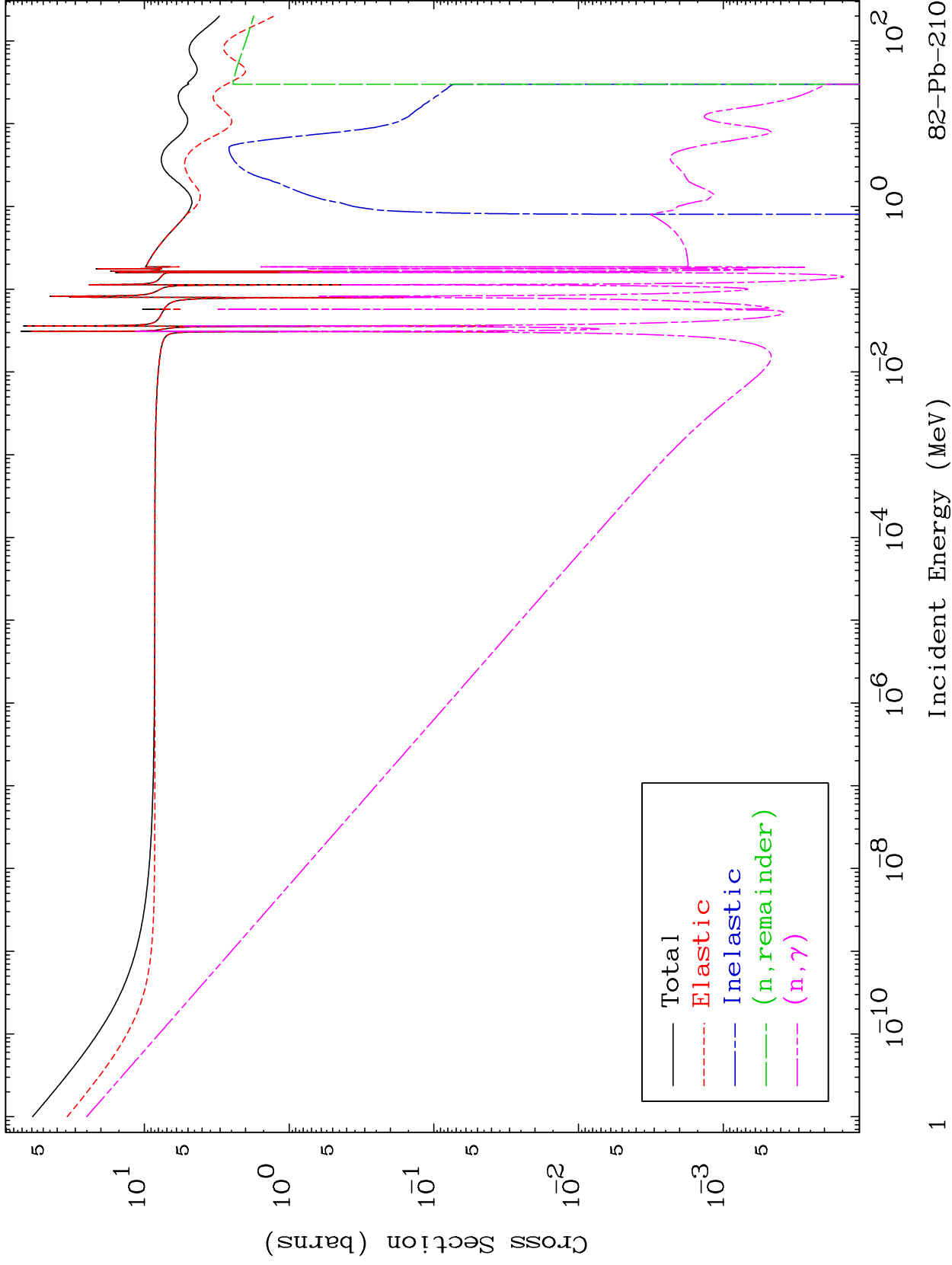
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8243

Major
293 Kelvin Cross Sections

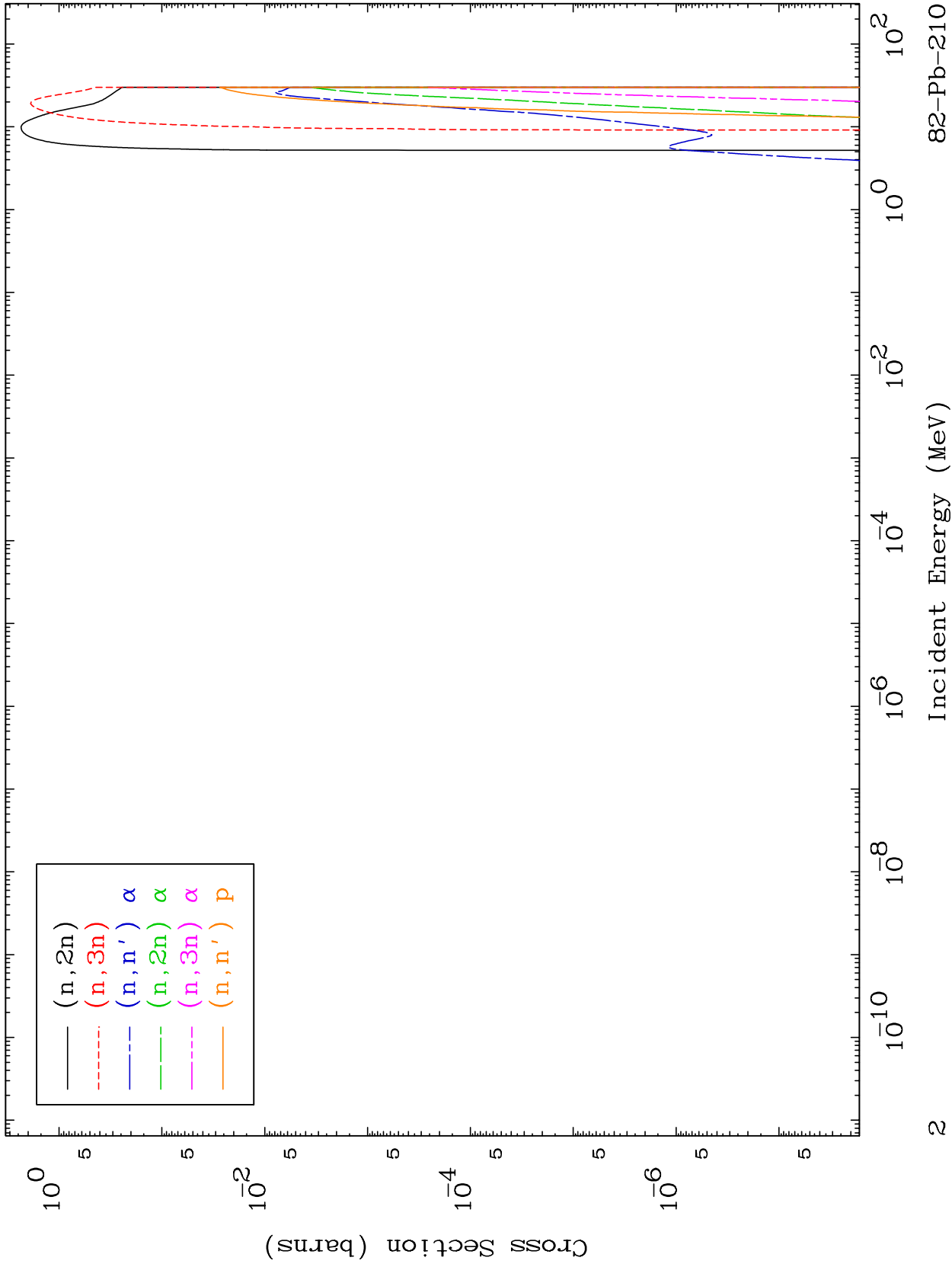
82-Pb-210



MAT 8243

Neutron Production
293 Kelvin Cross Sections

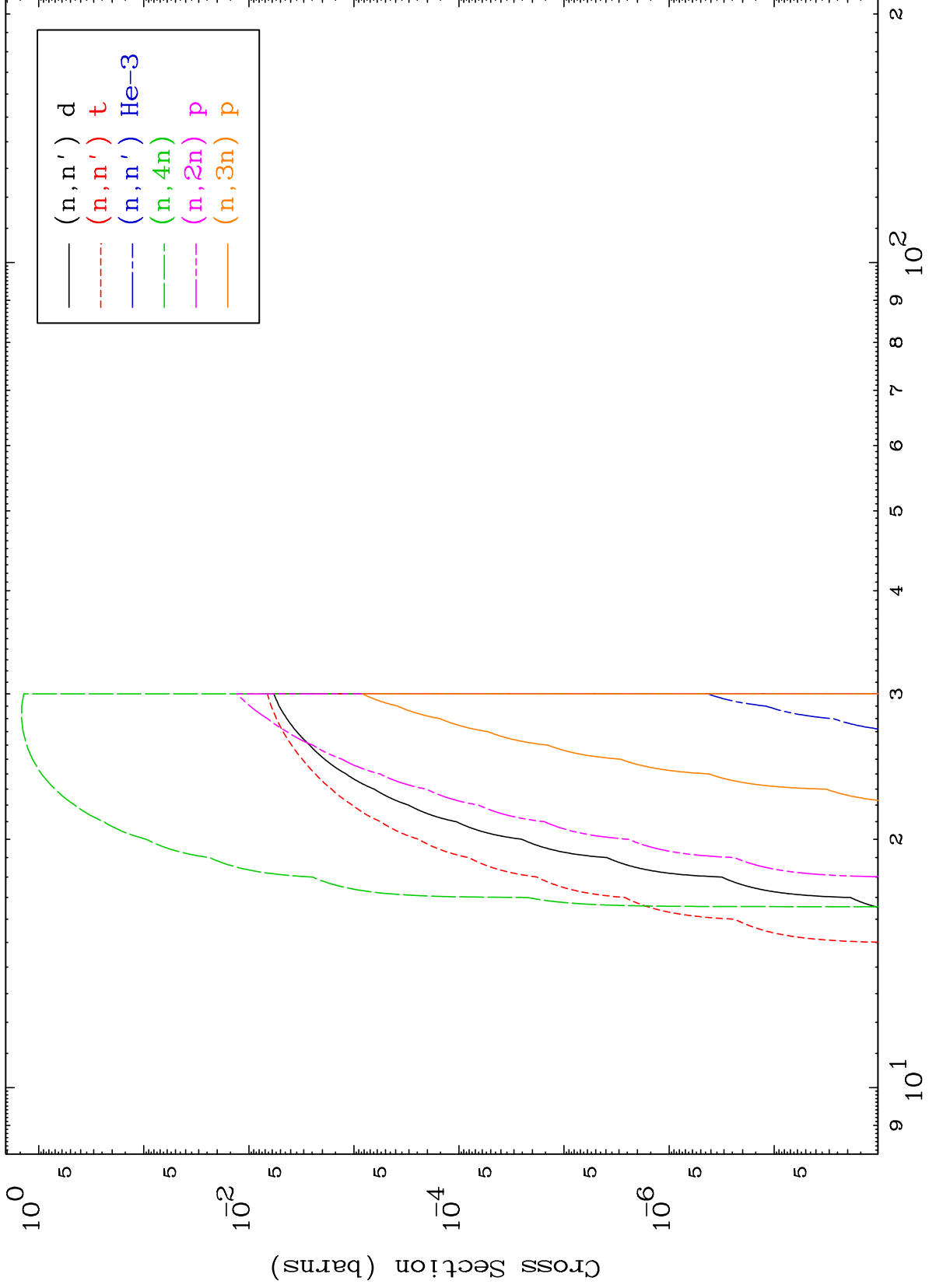
82-Pb-210



MAT 8243

Neutron Production
293 Kelvin Cross Sections

82-Pb-210



3

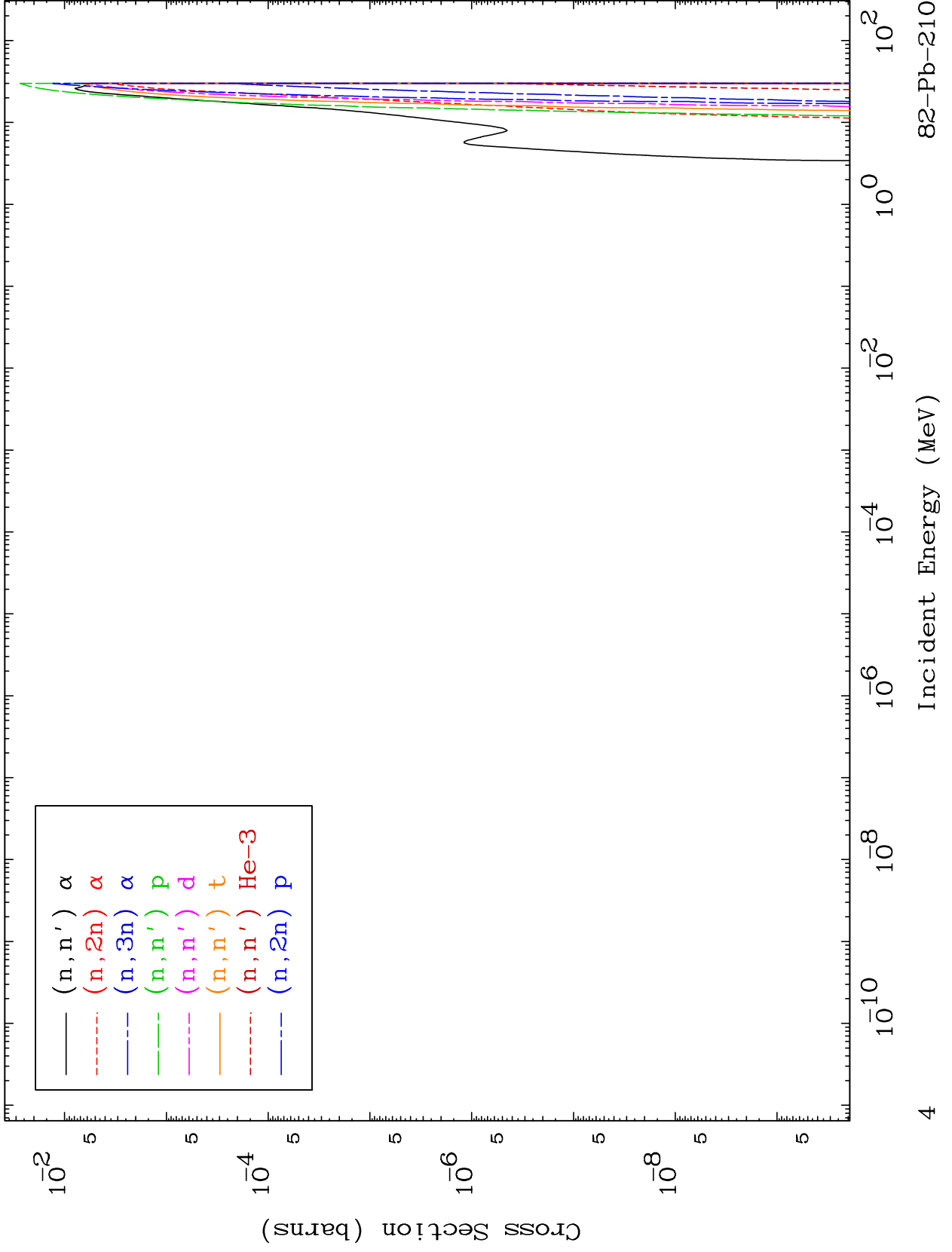
Incident Energy (MeV)

82-Pb-210

MAT 8243

Charged Particle
293 Kelvin Cross Sections

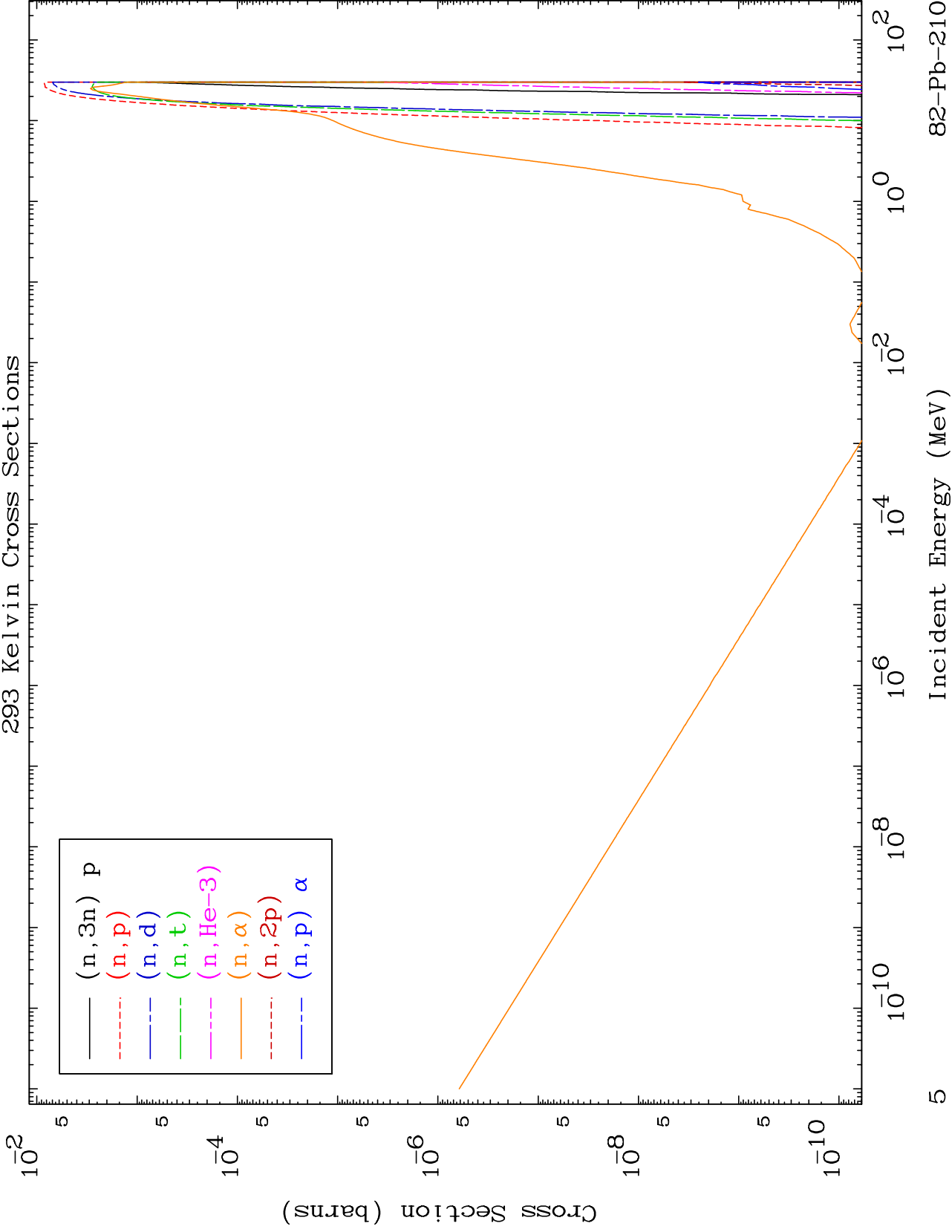
82-Pb-210



MAT 8243

Charged Particle
293 Kelvin Cross Sections

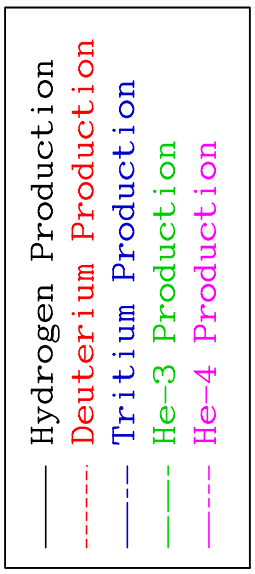
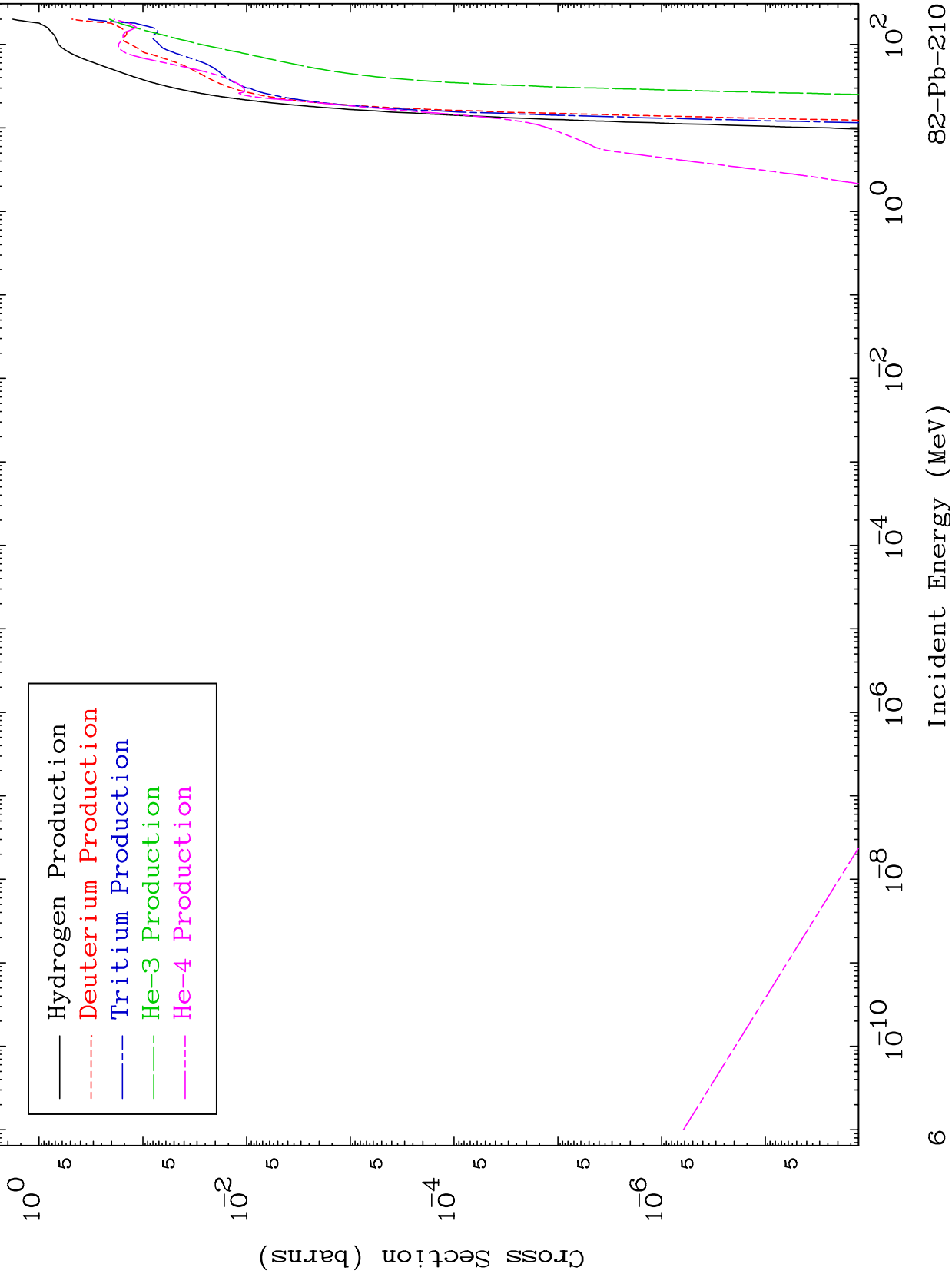
82-Pb-210



MAT 8243

Particle Production
293 Kelvin Cross Sections

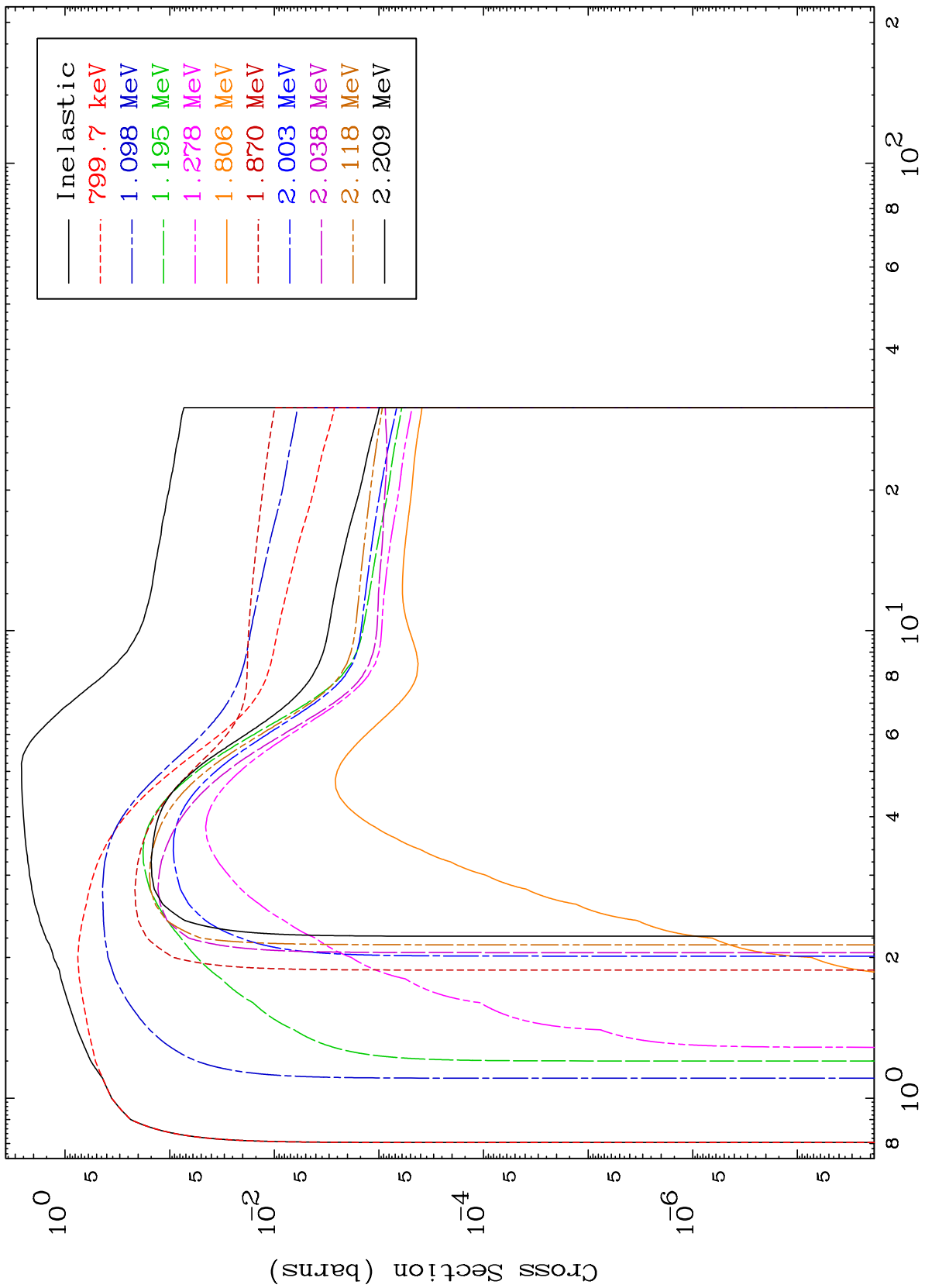
82-Pb-210



MAT 8243

(n,n') Level
293 Kelvin Cross Sections

82-Pb-210



Incident Energy (MeV)

82-Pb-210

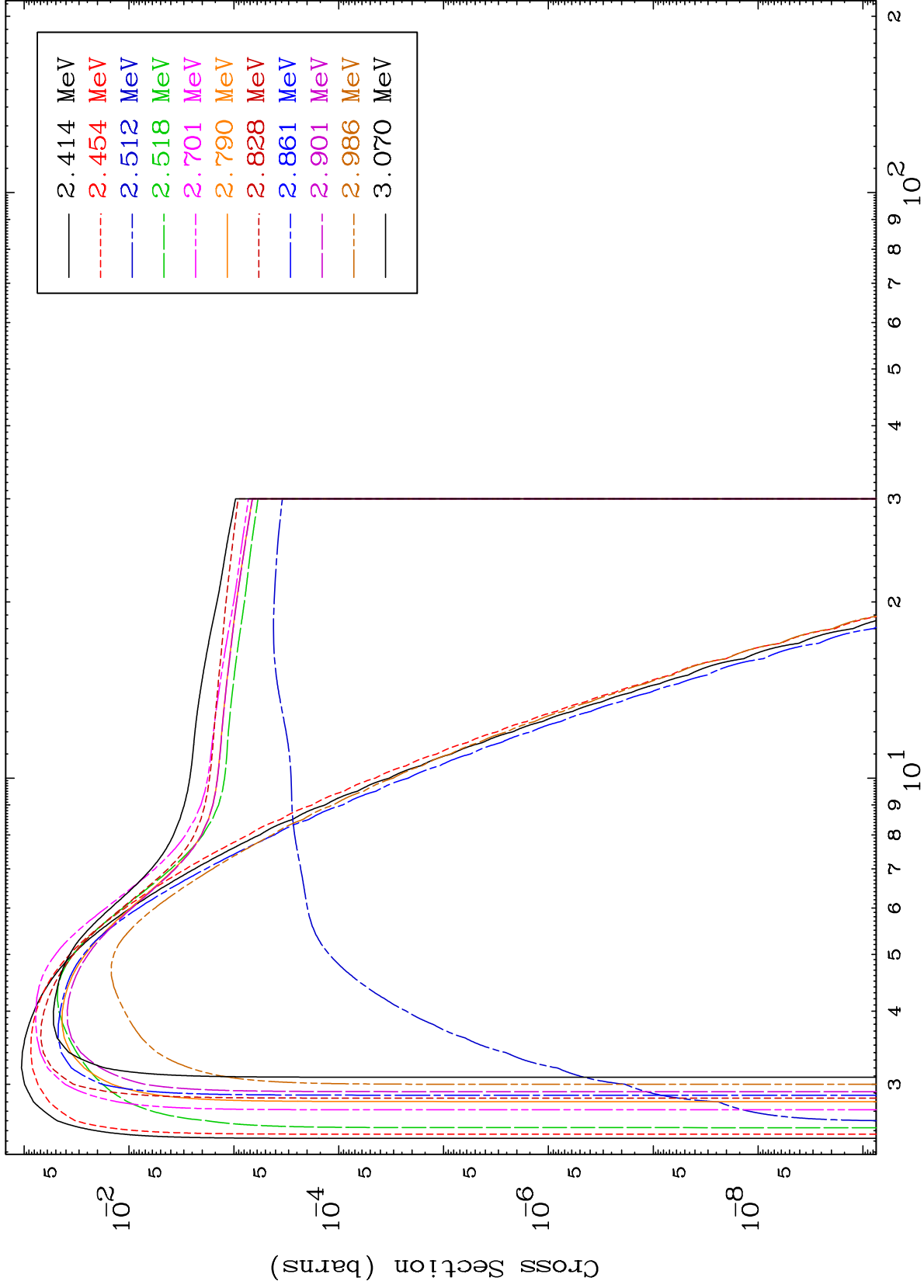
7

MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



8

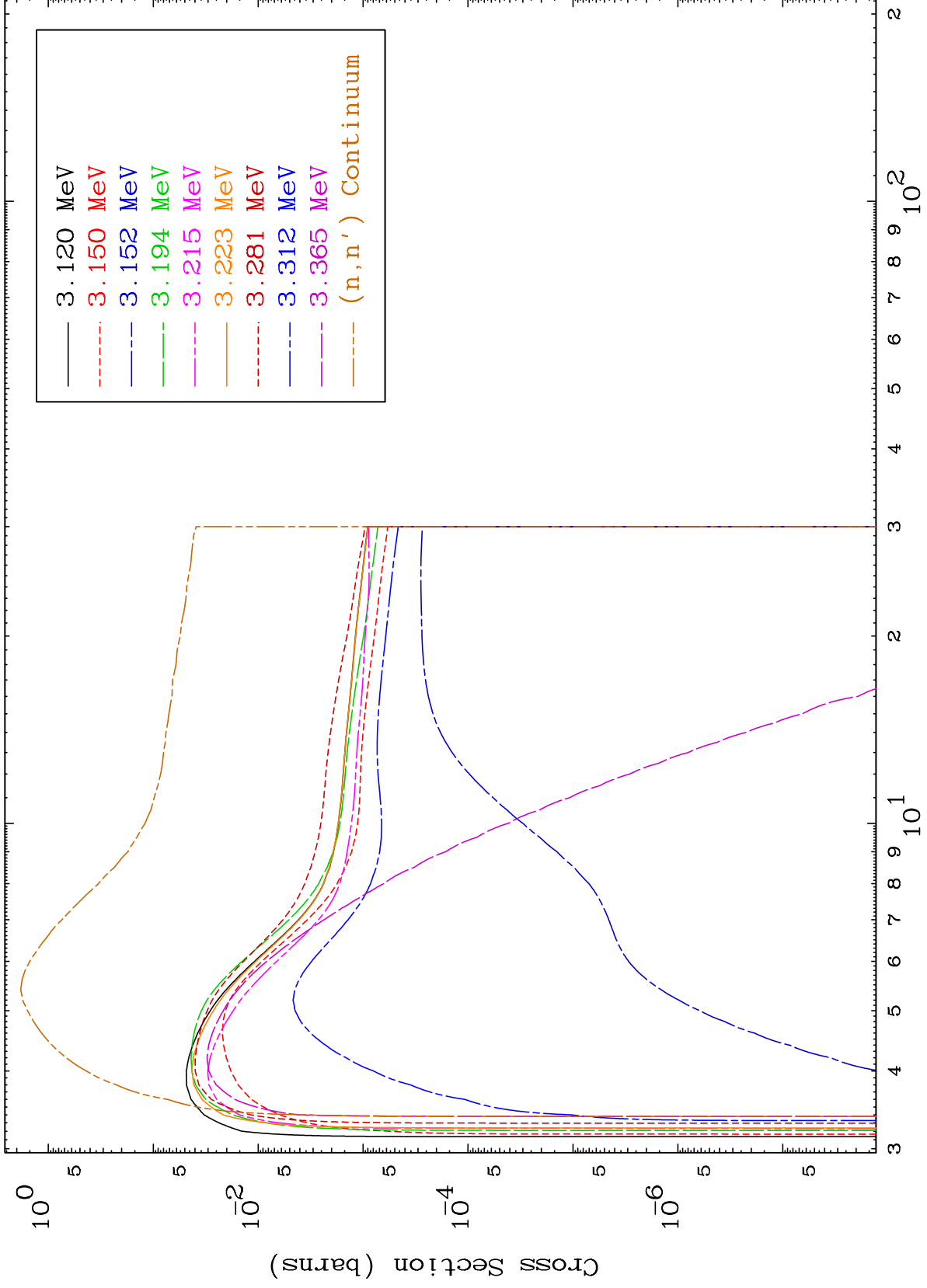
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,n') Level
293 Kelvin Cross Sections

82-Pb-210



9

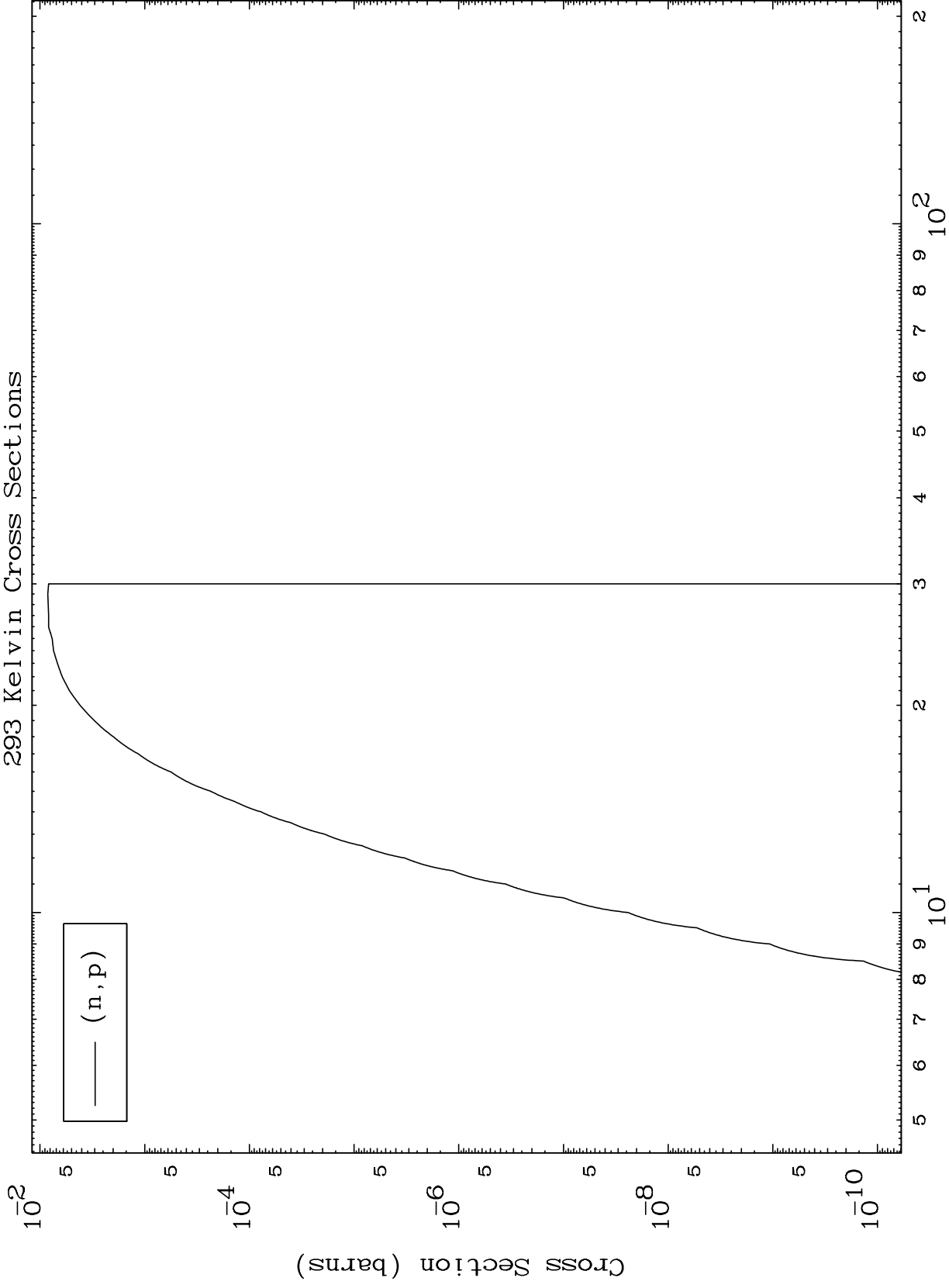
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-210



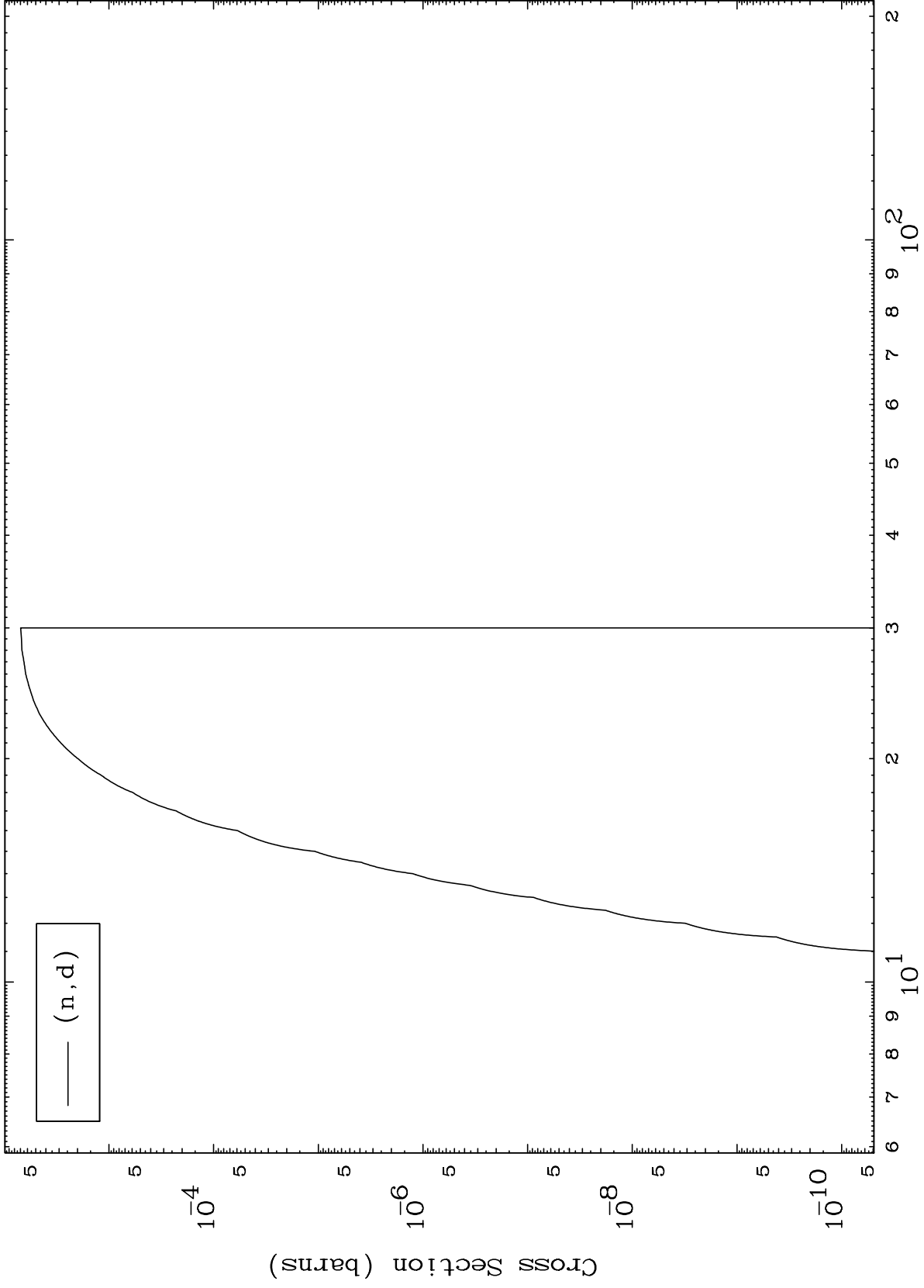
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,d) Levels
293 Kelvin Cross Sections

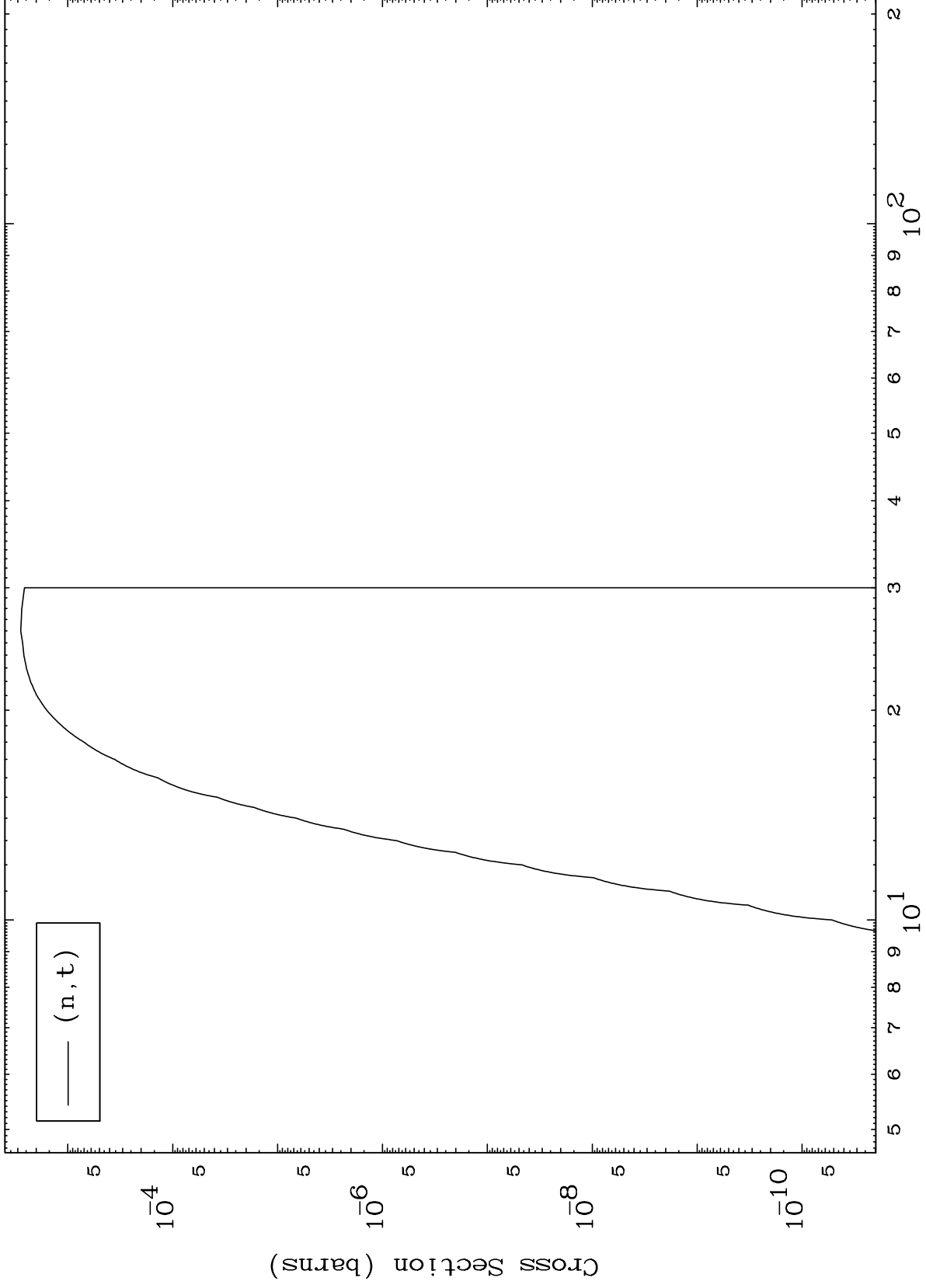
82-Pb-210



MAT 8243

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-210



12

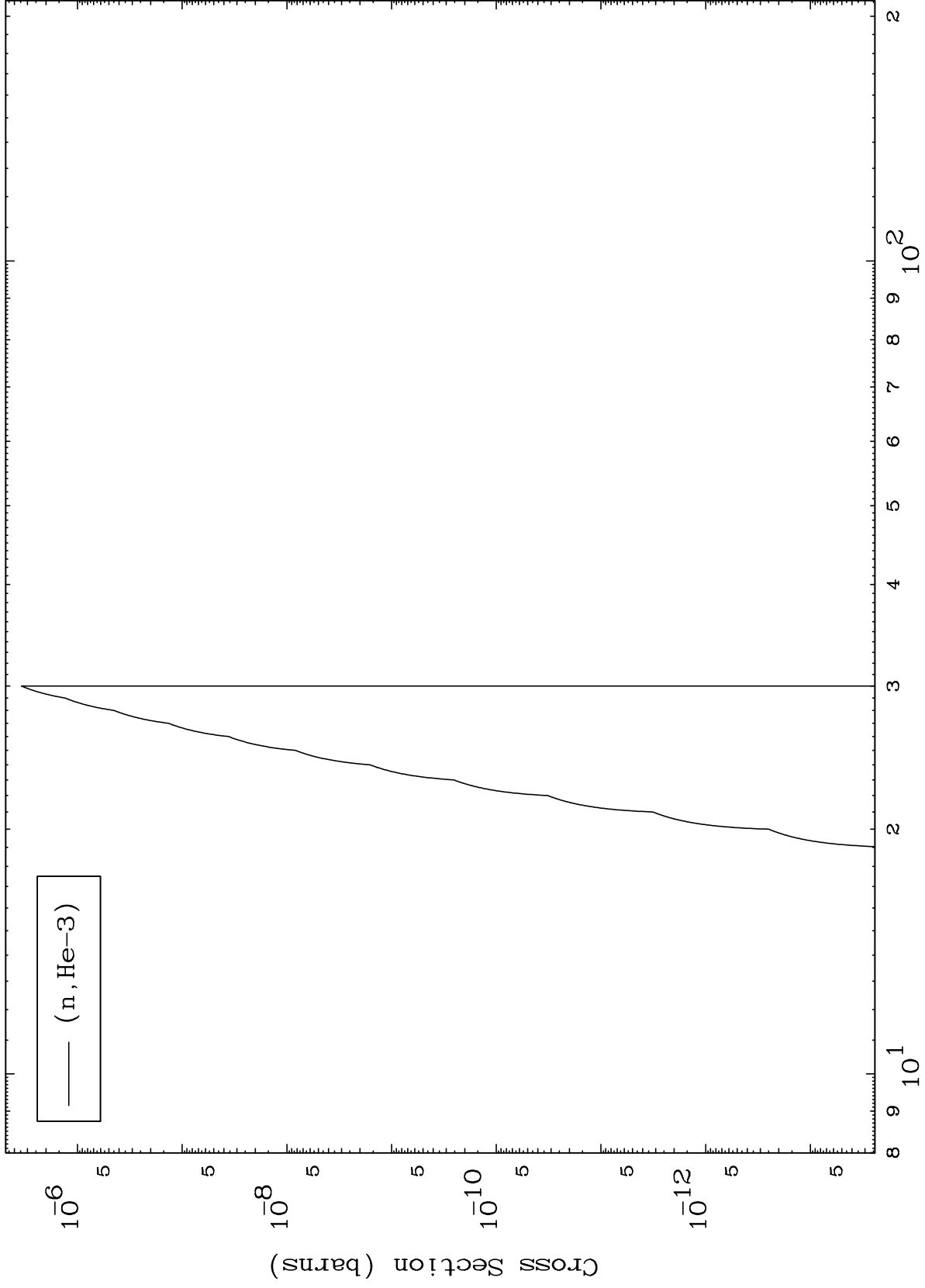
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-210



13

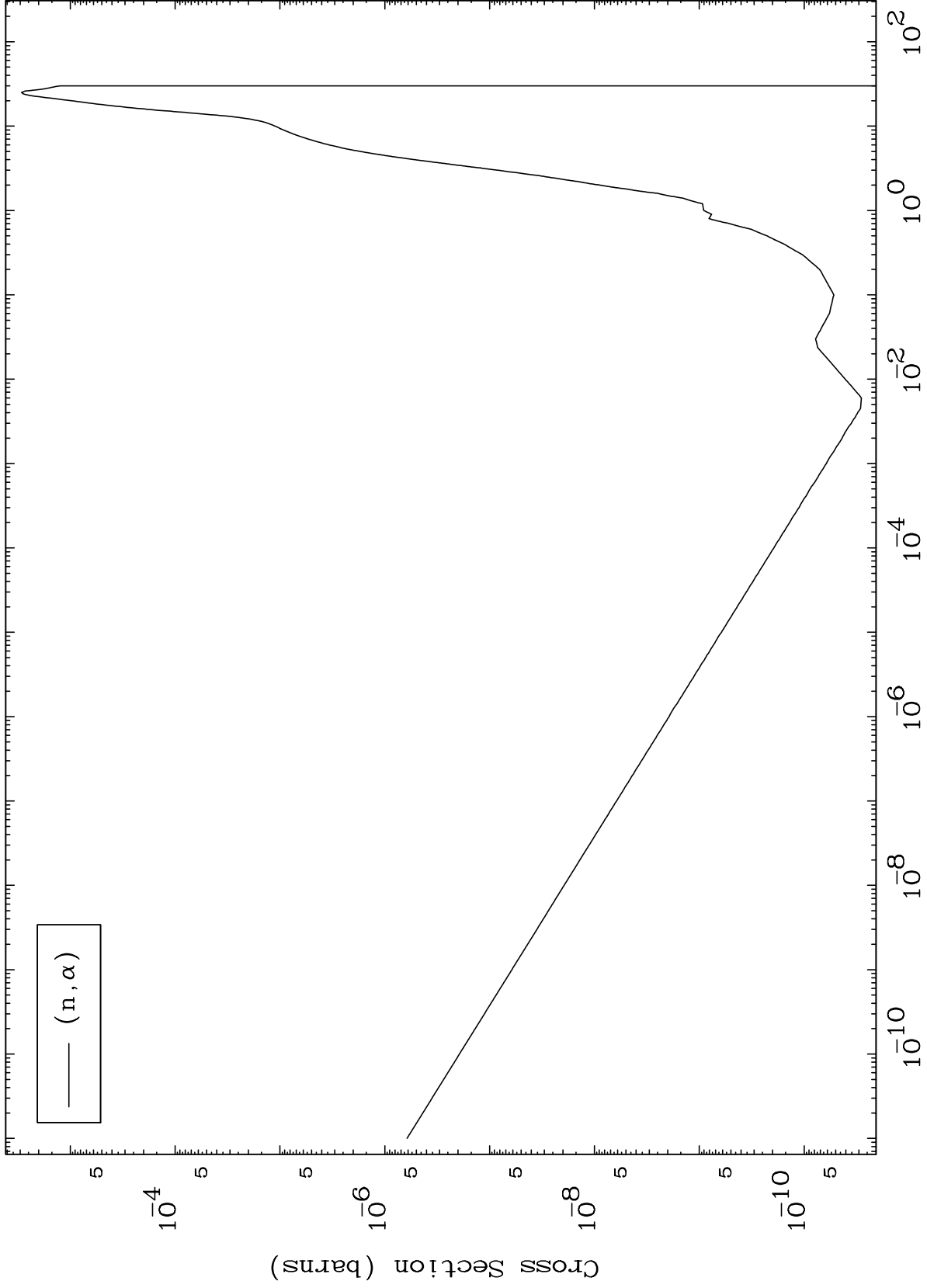
Incident Energy (MeV)

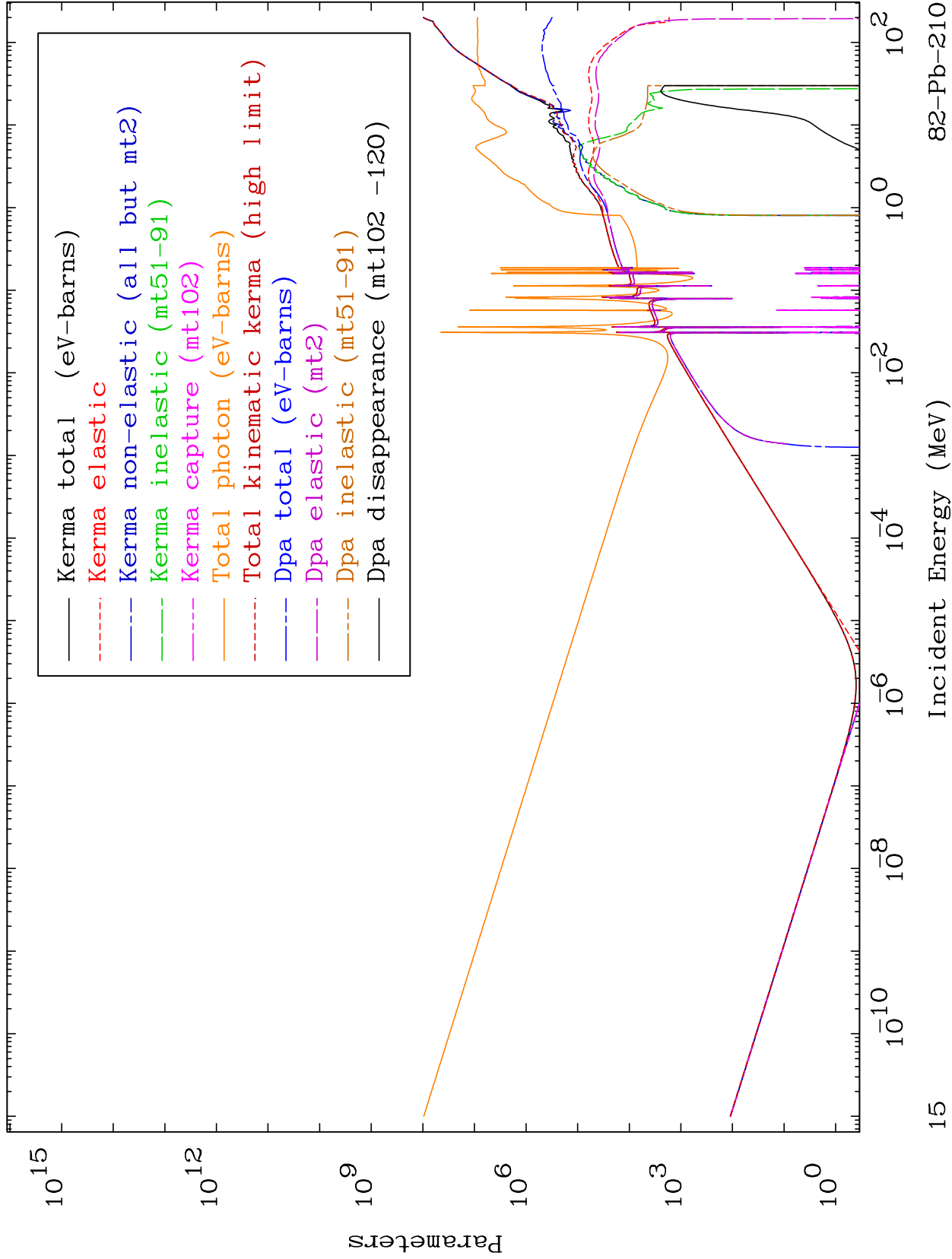
82-Pb-210

MAT 8243

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-210

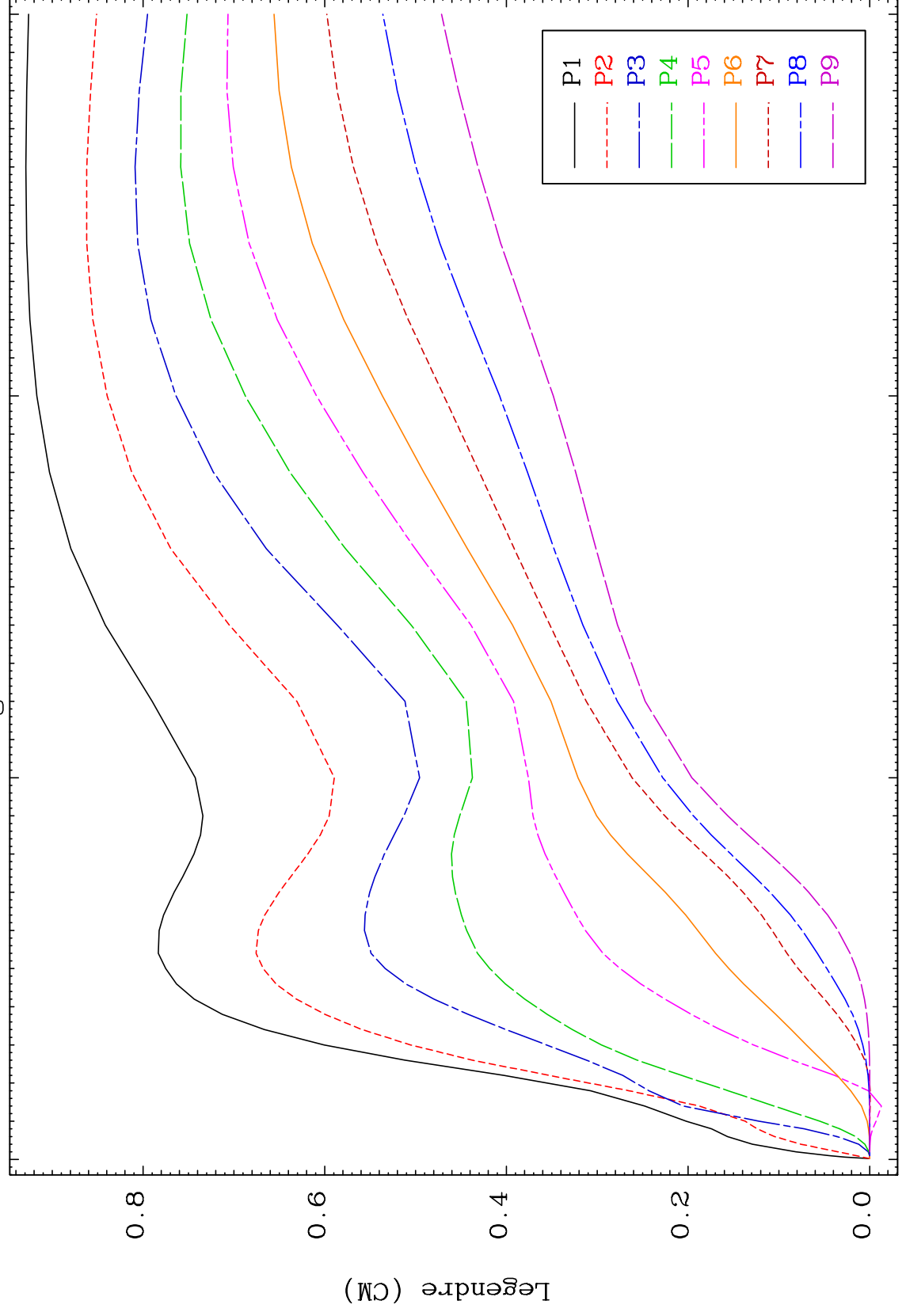




MAT 8243

Elastic Legendre Coefficients

82-Pb-210



16

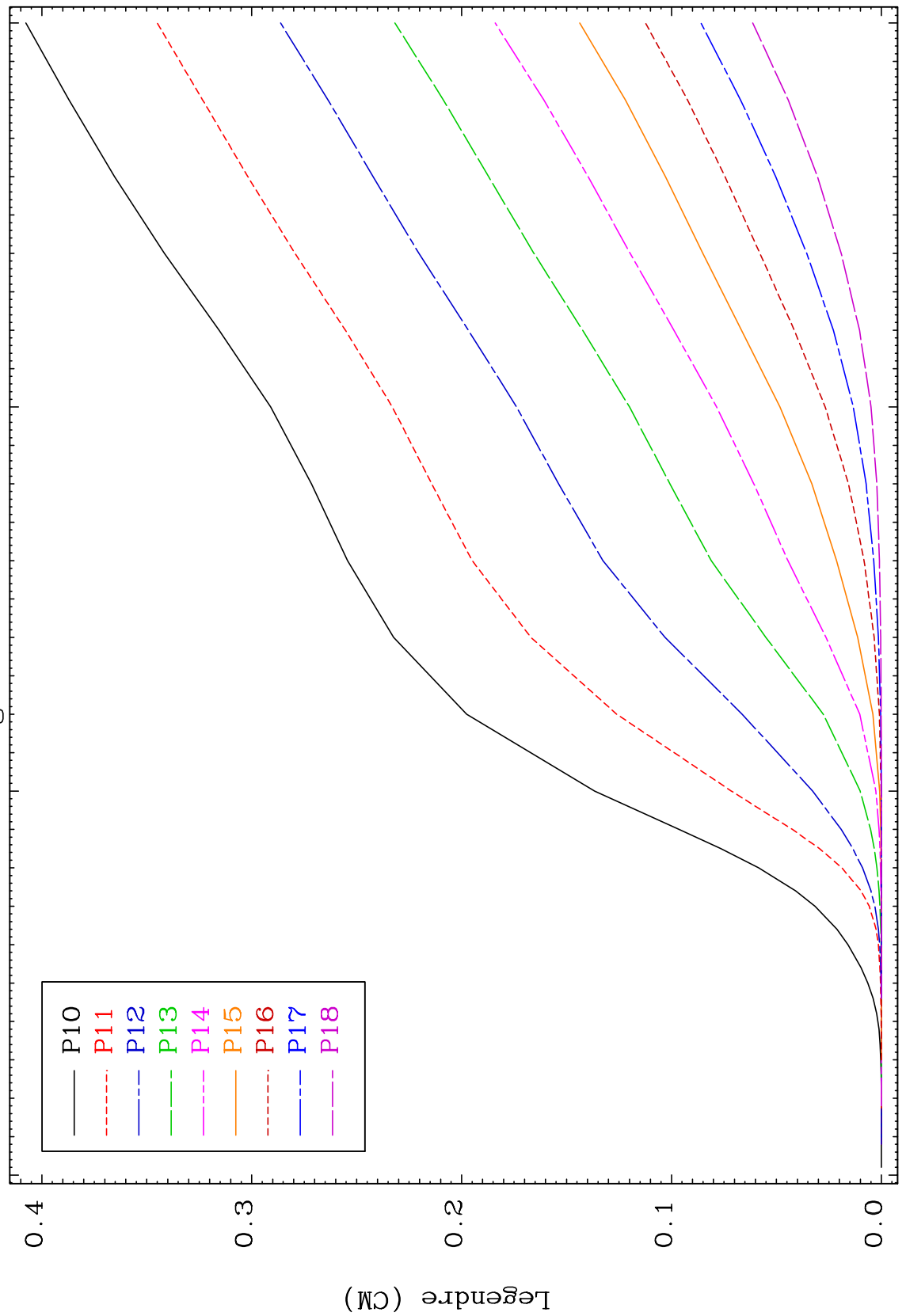
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



17

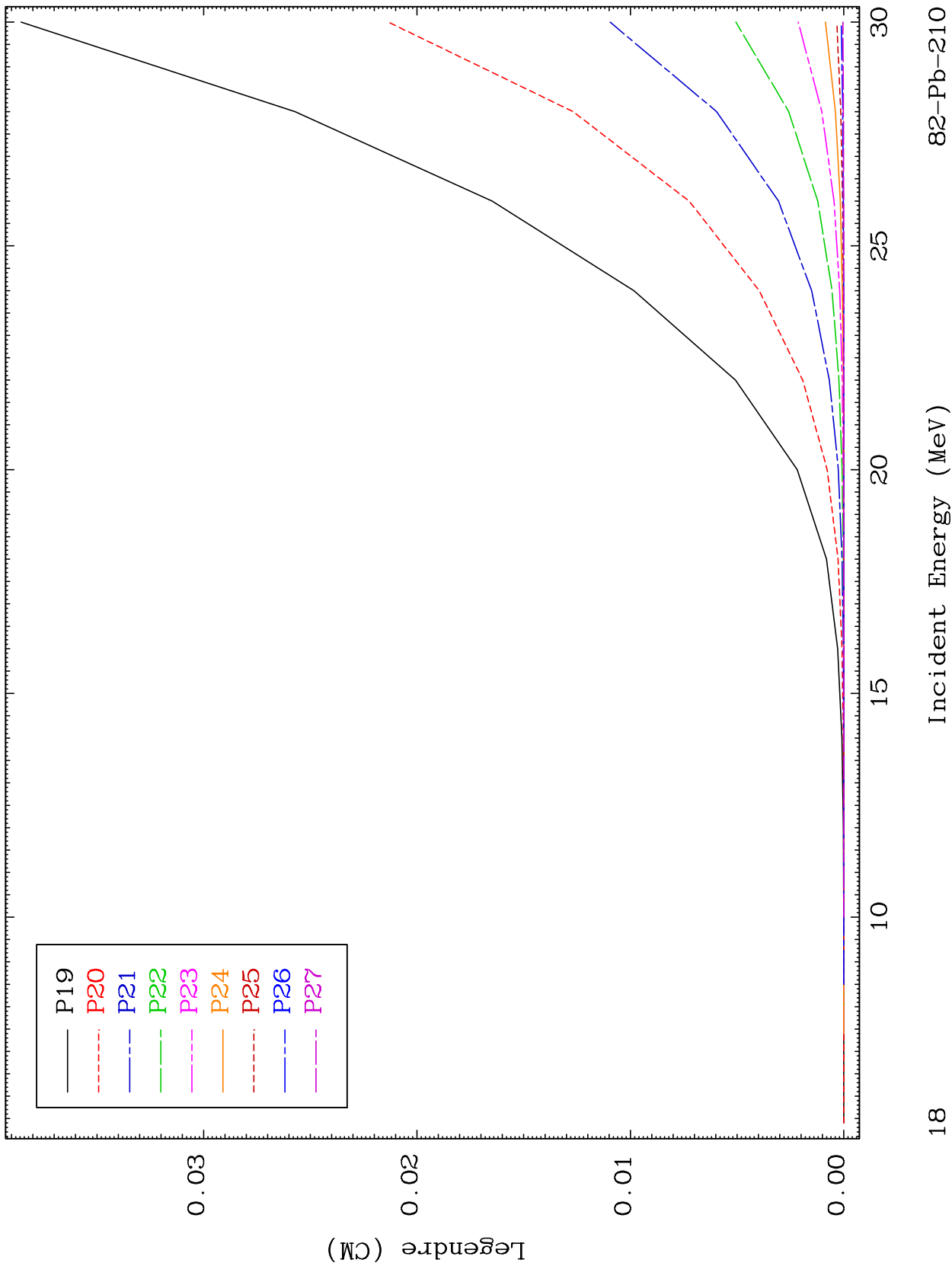
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic
Legendre Coefficients

82-Pb-210



18

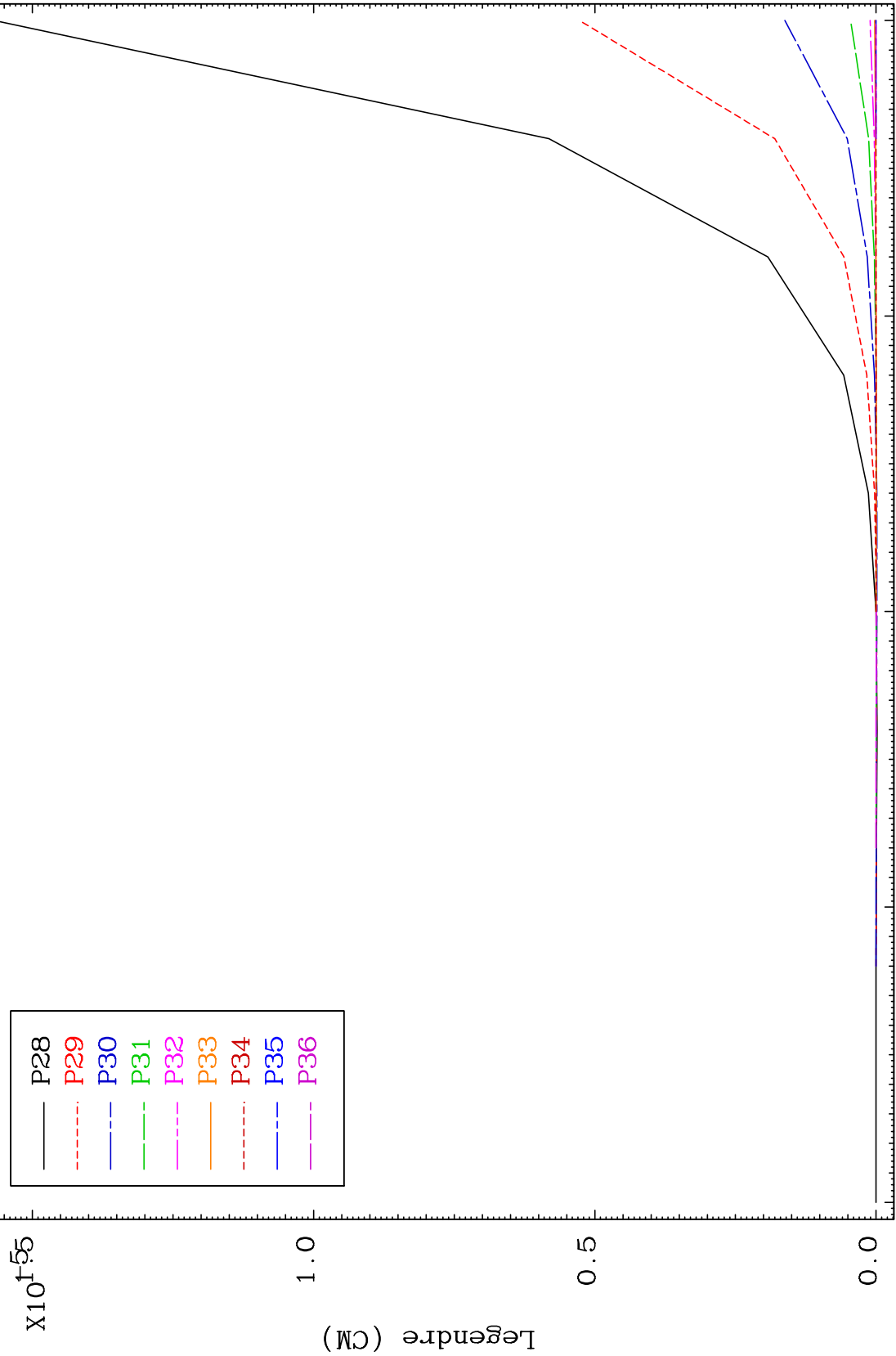
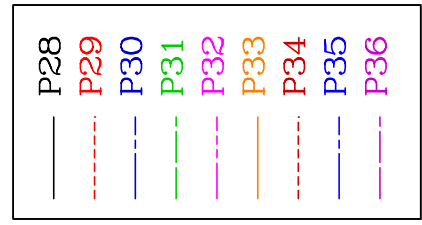
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic
Legendre Coefficients

82-Pb-210



19

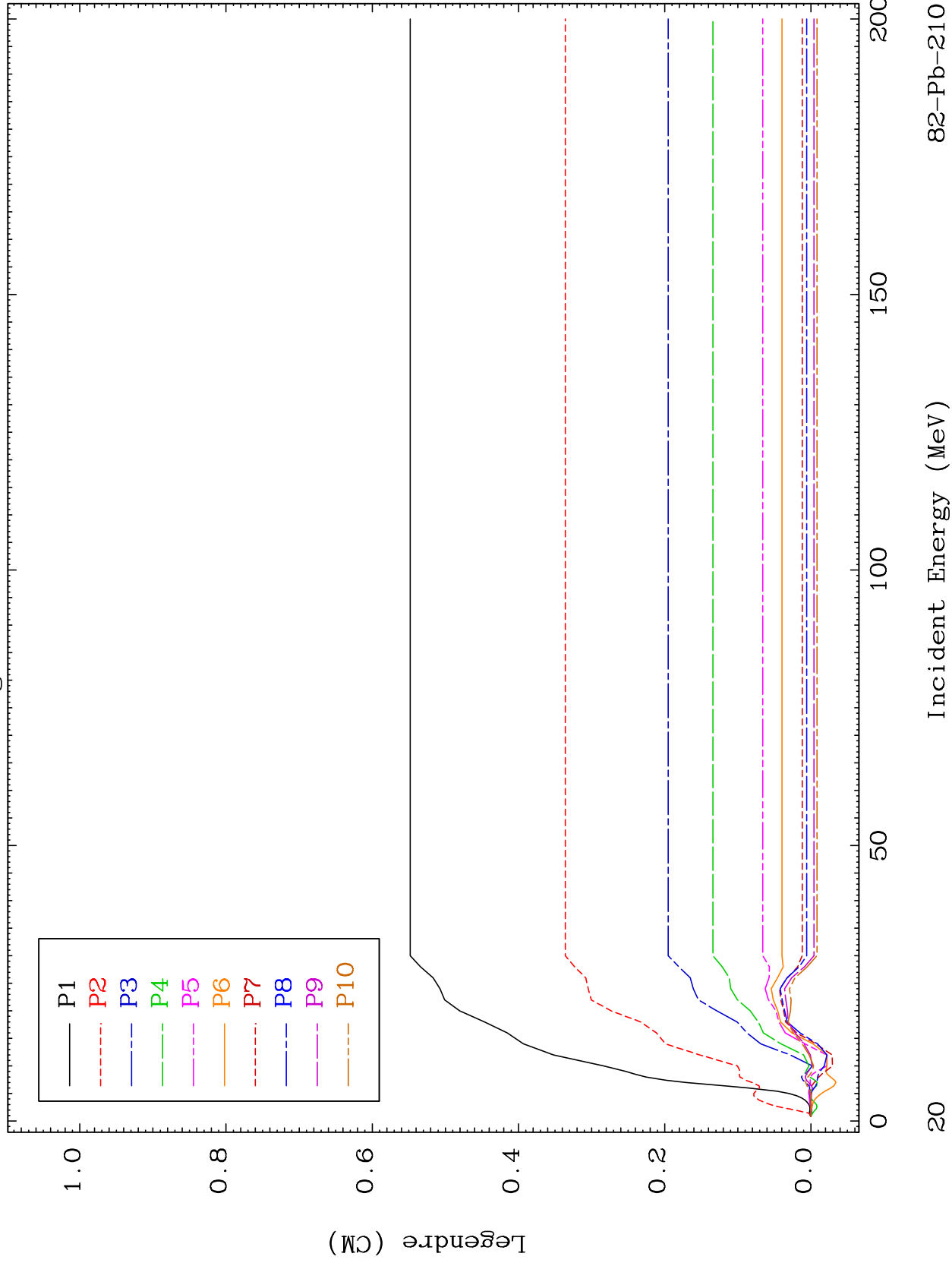
Incident Energy (MeV)

82-Pb-210

MAT 8243

799.7 keV (n,n') Level
Legendre Coefficients

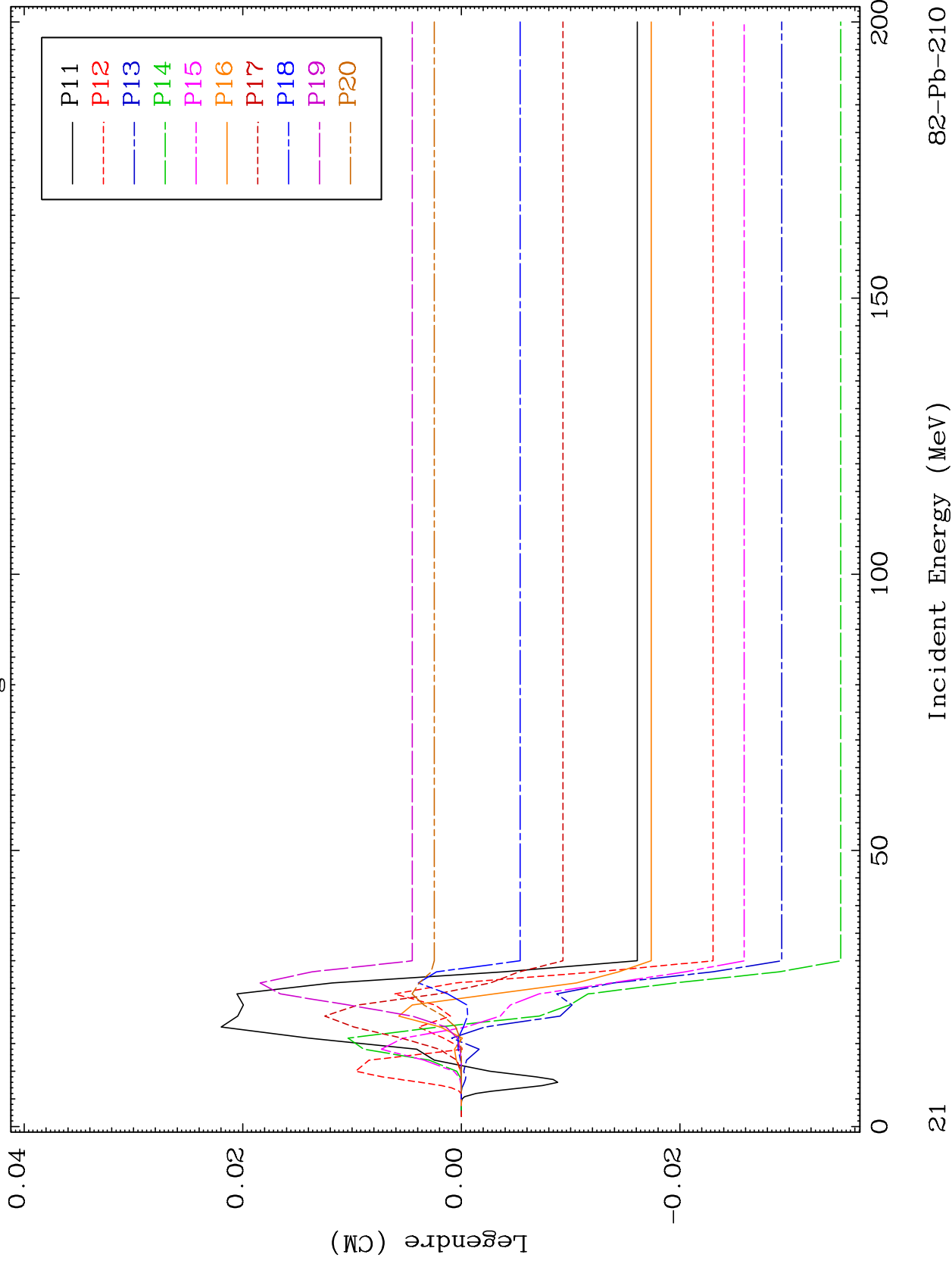
82-Pb-210



MAT 8243

799.7 keV (n,n') Level
Legendre Coefficients

82-Pb-210



21

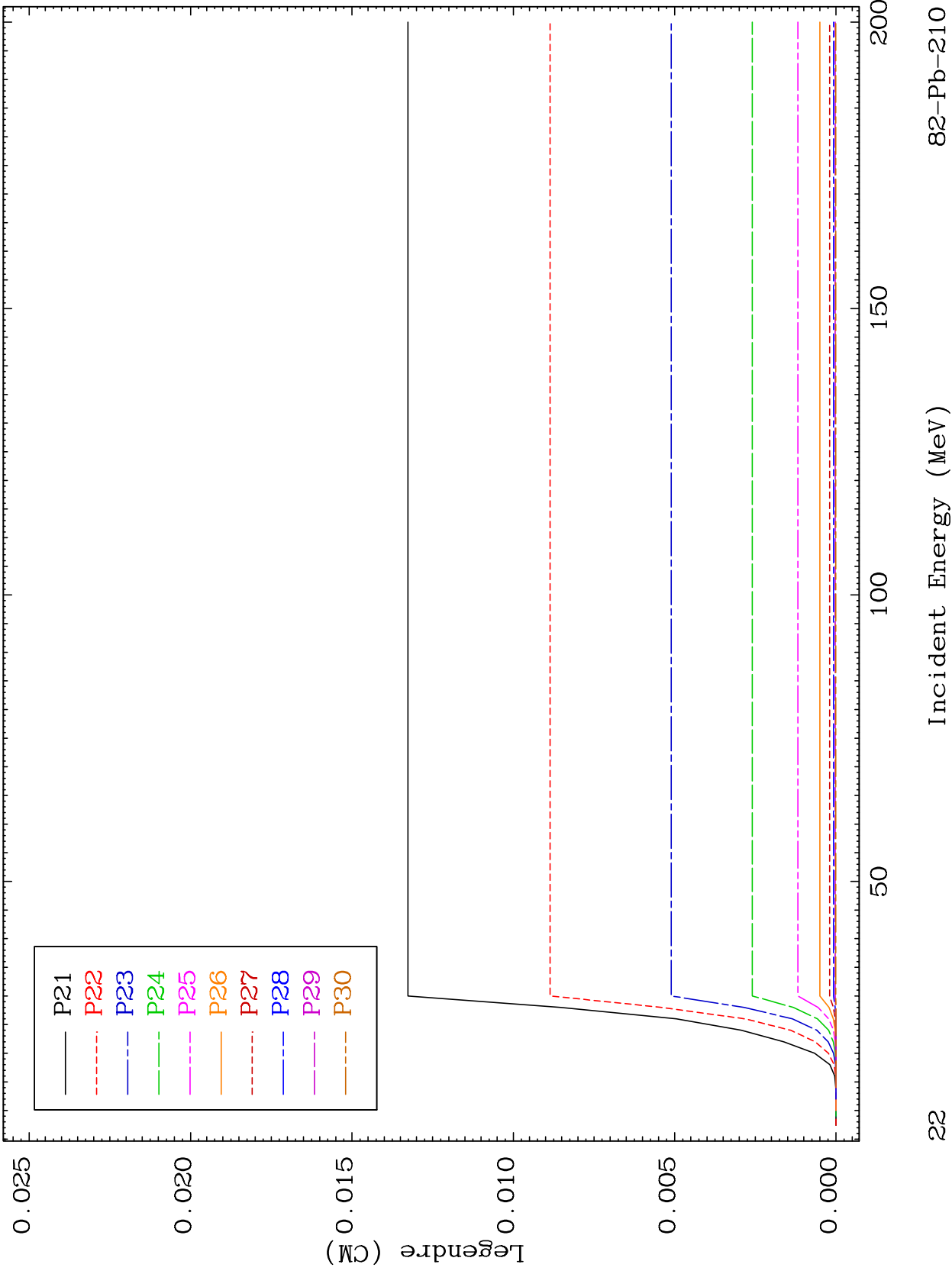
Incident Energy (MeV)

82-Pb-210

MAT 8243

799.7 keV (n,n') Level
Legendre Coefficients

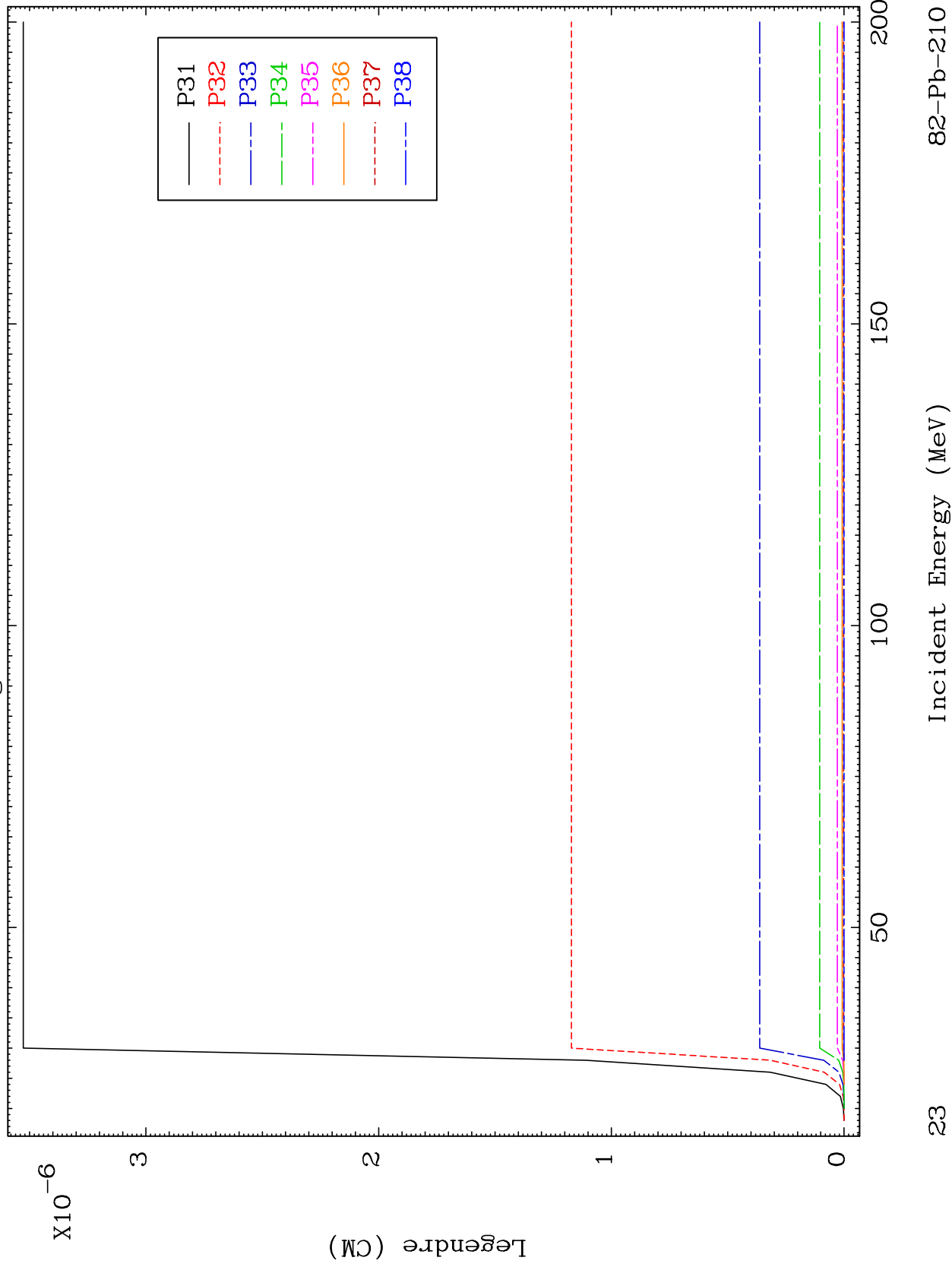
82-Pb-210



MAT 8243

799.7 keV (n,n') Level
Legendre Coefficients

82-Pb-210



23

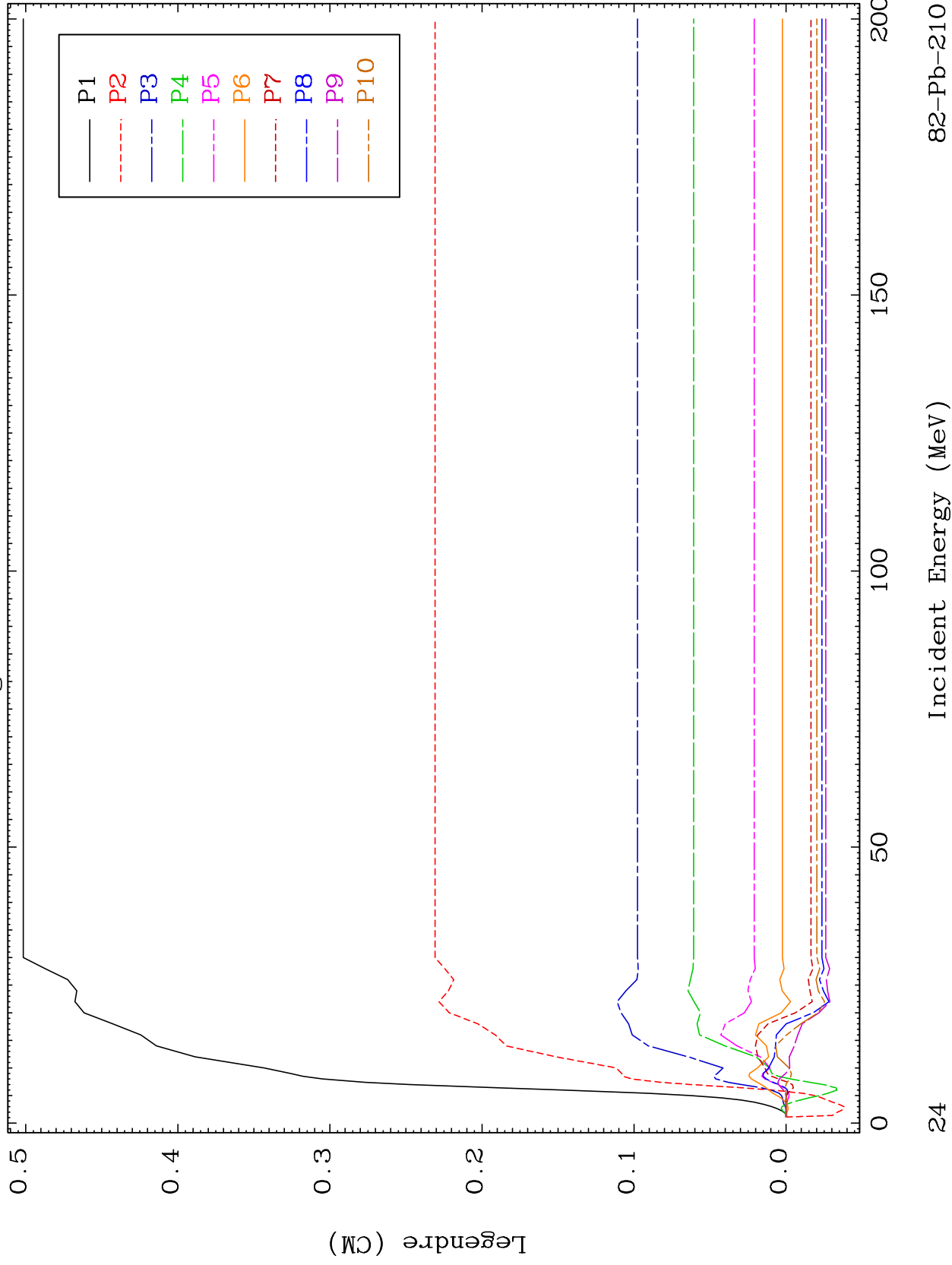
Incident Energy (MeV)

82-Pb-210

MAT 8243

1.098 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



82-Pb-210

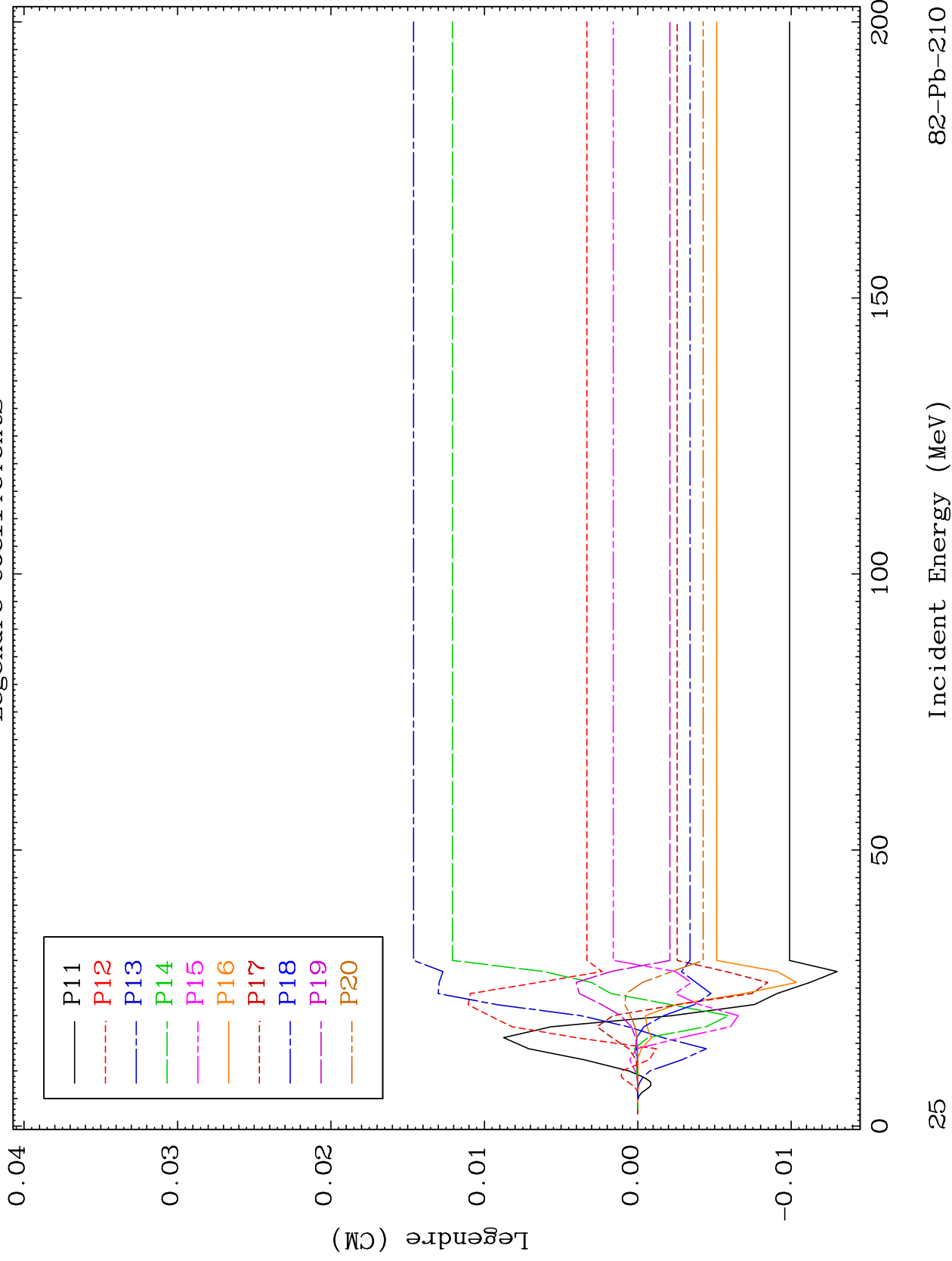
Incident Energy (MeV)

24

MAT 8243

1.098 MeV (n,n') Level
Legendre Coefficients

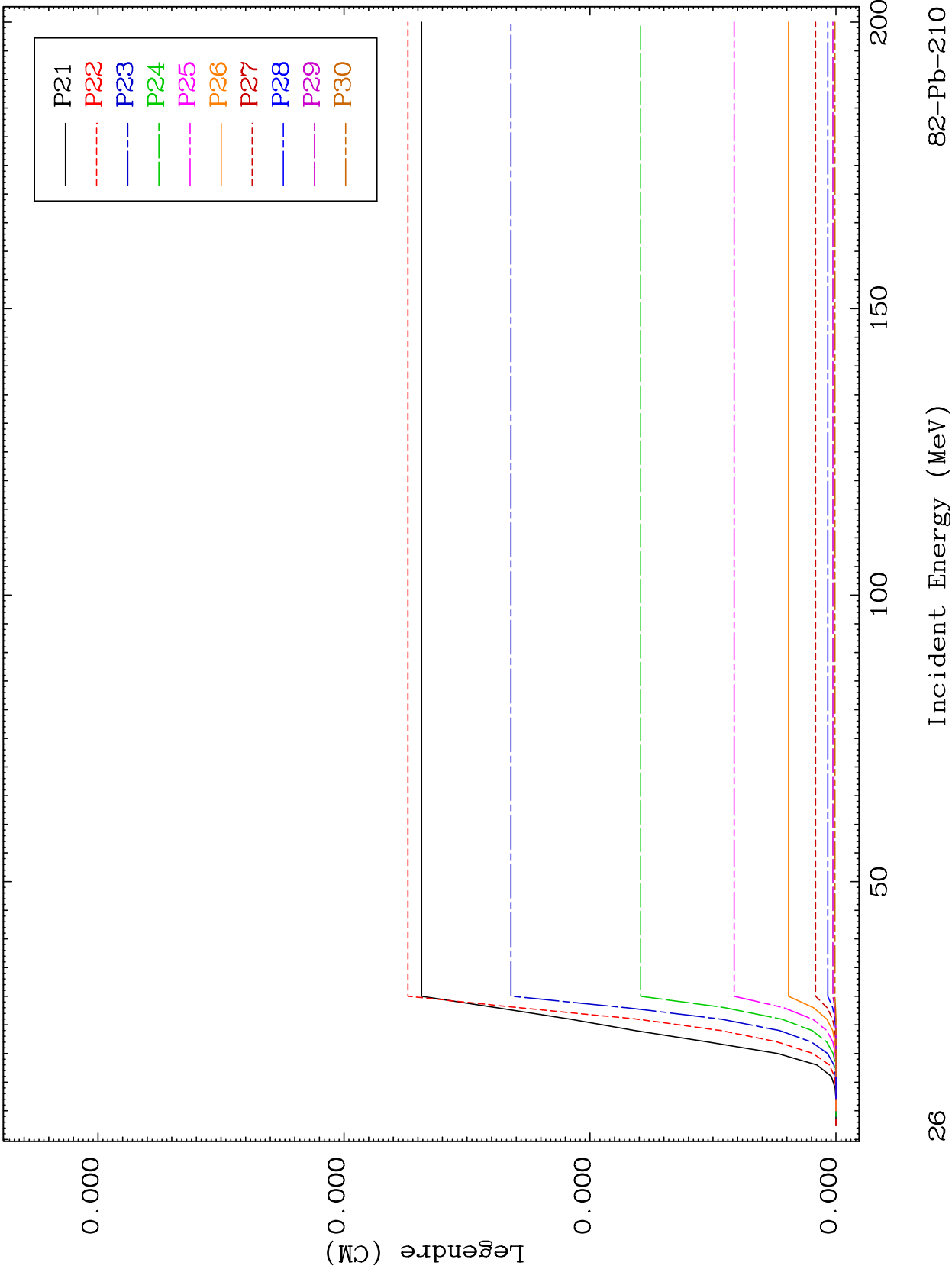
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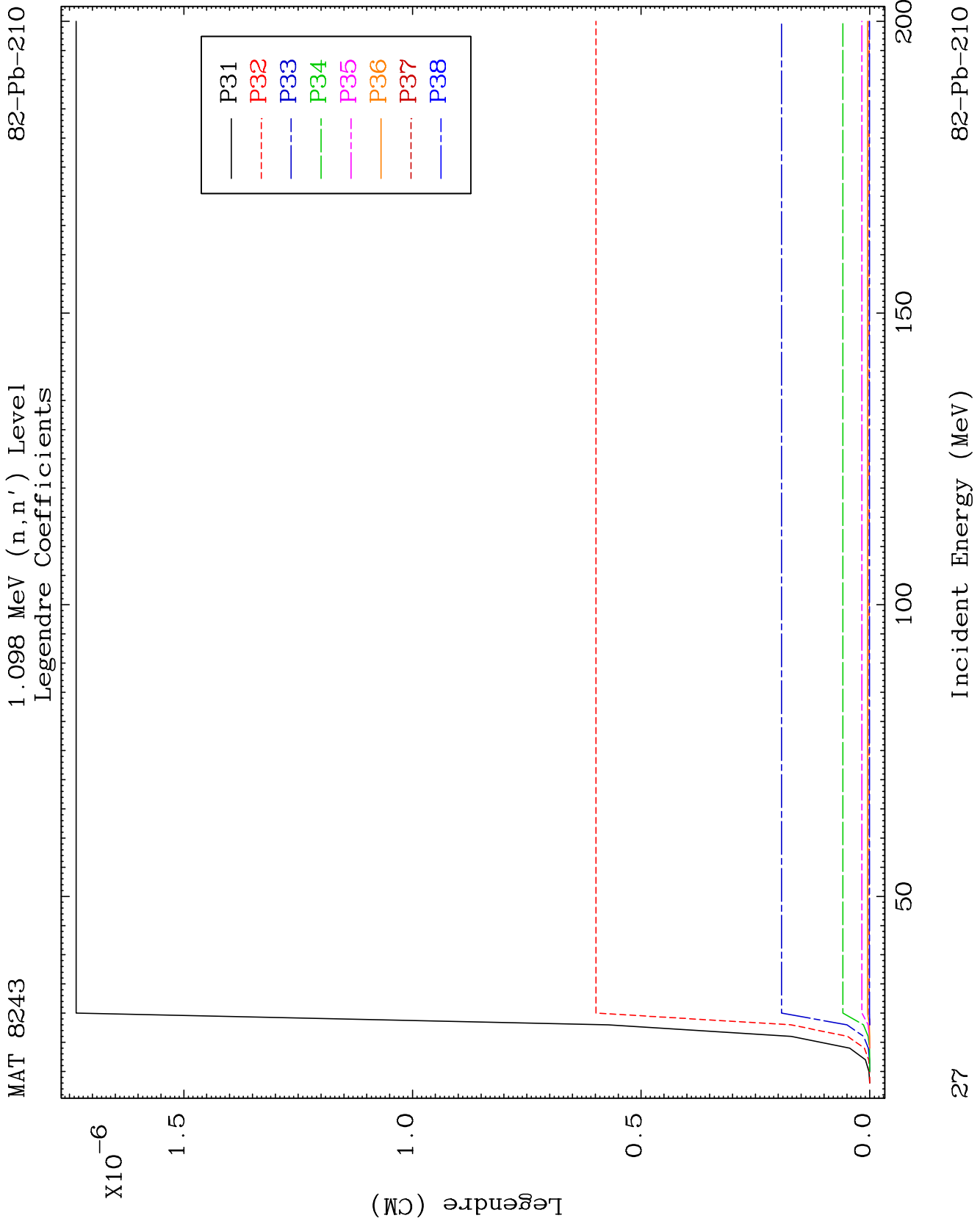


82-Pb-210

Incident Energy (MeV)

25

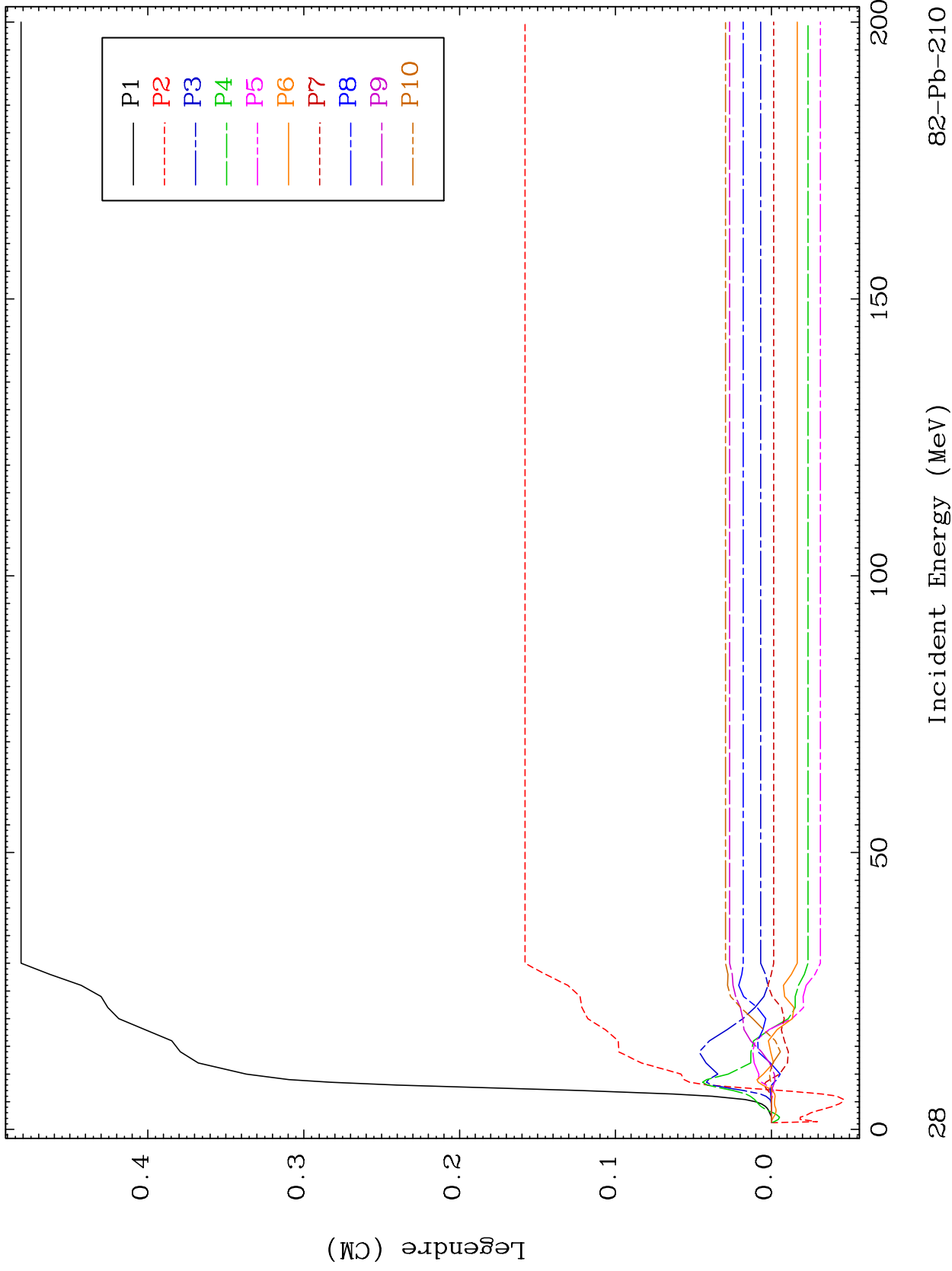




MAT 8243

1.195 MeV (n,n') Level
Legendre Coefficients

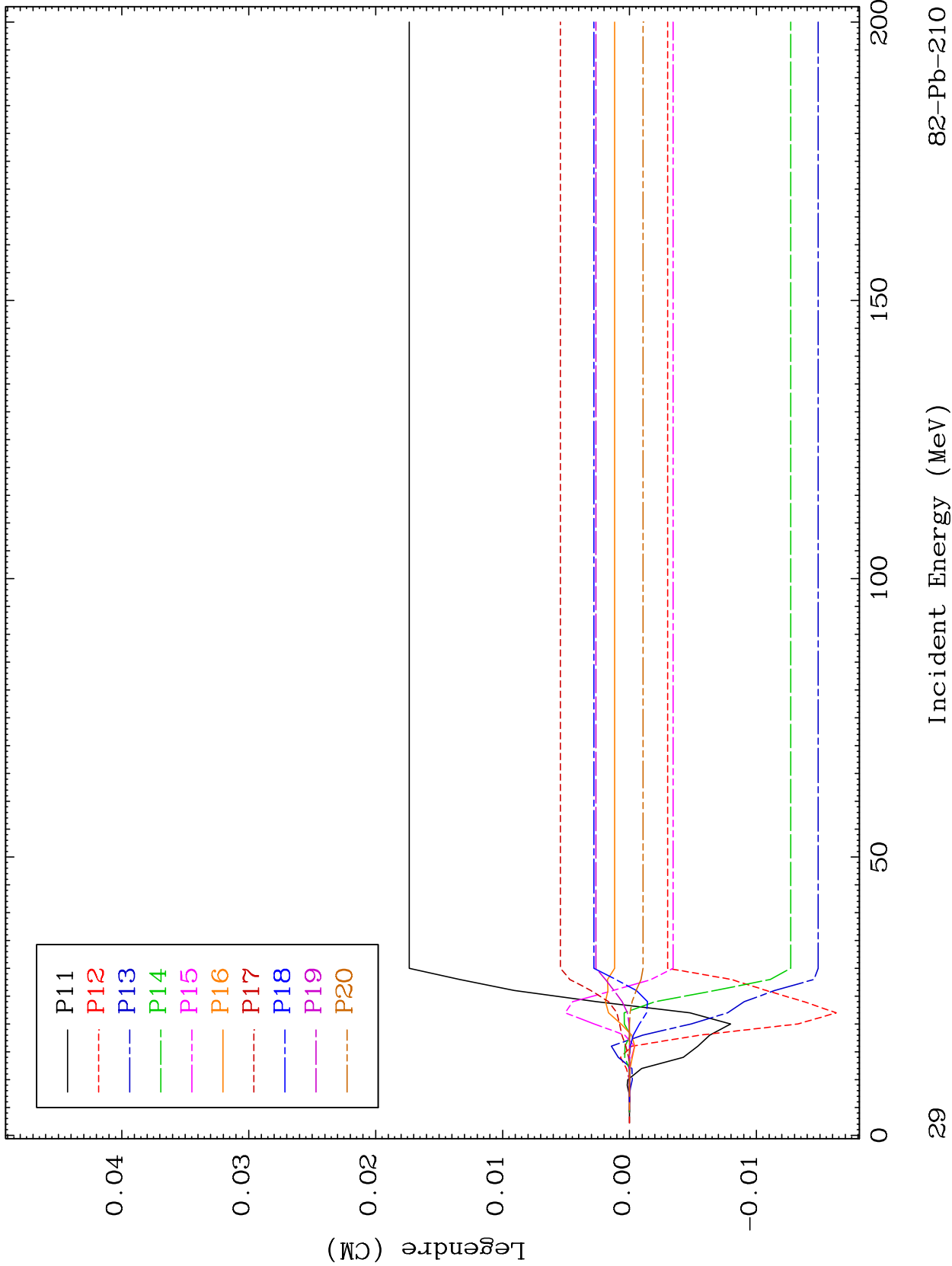
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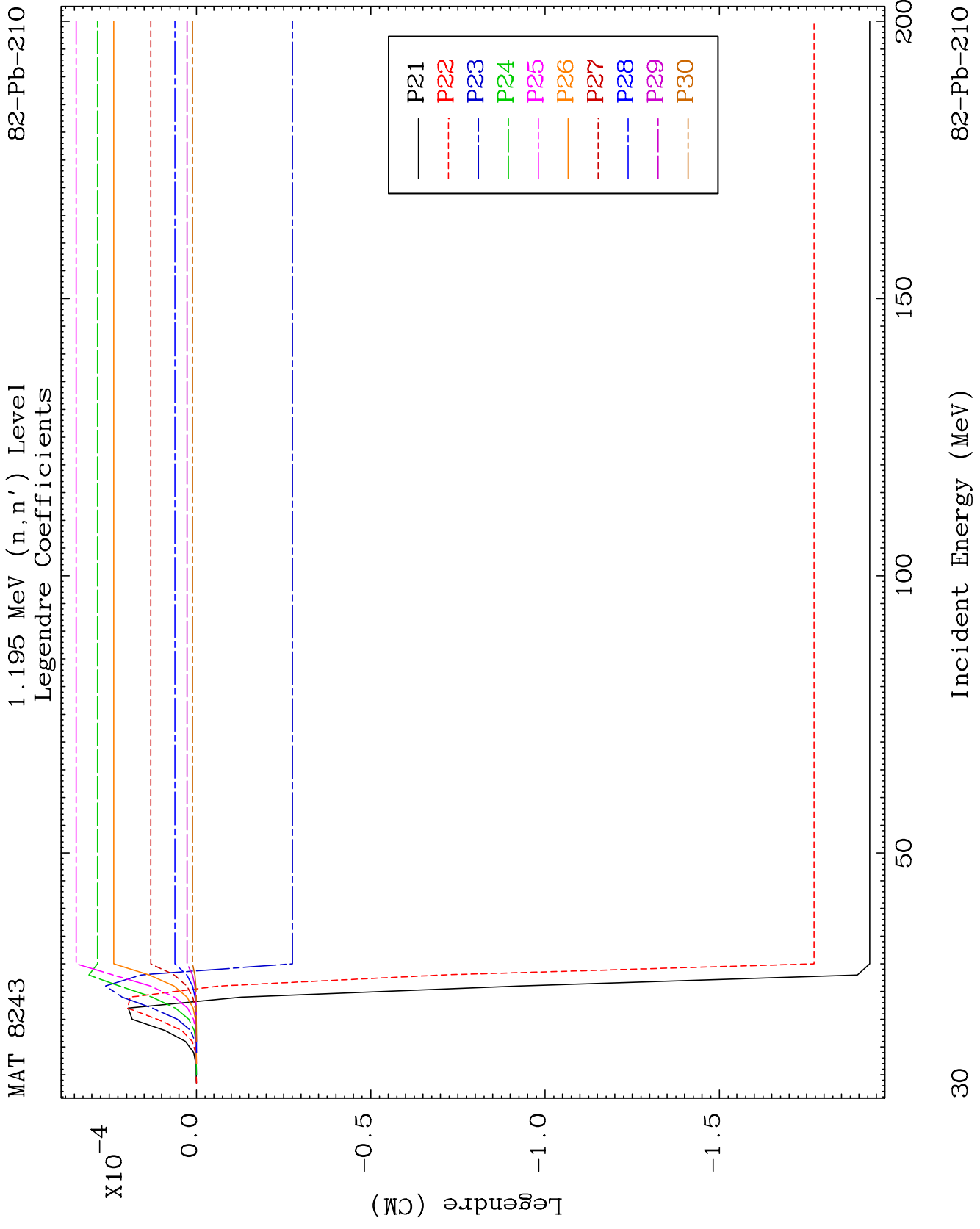


28

Incident Energy (MeV)

82-Pb-210

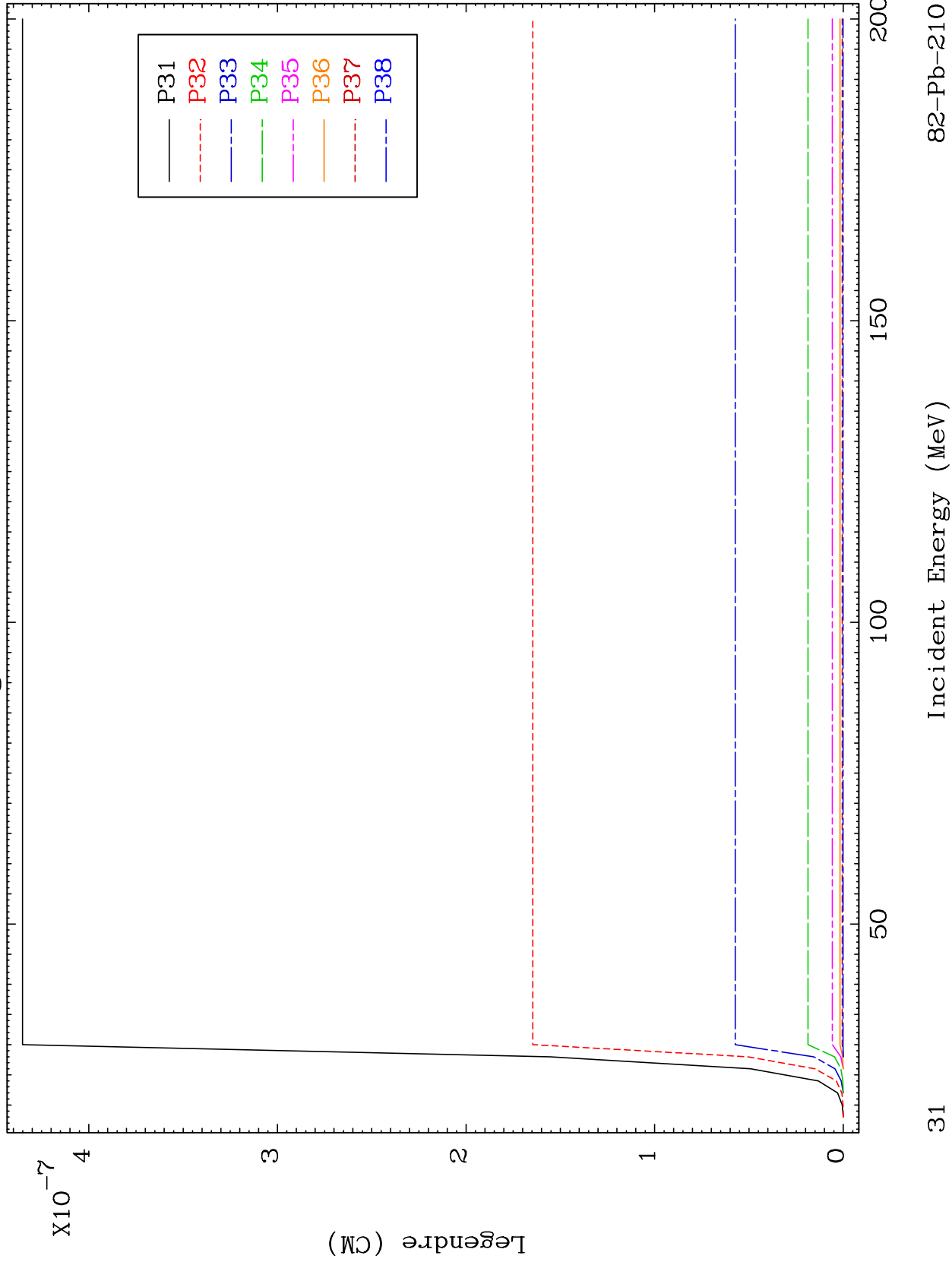




MAT 8243

1.195 MeV (n,n') Level
Legendre Coefficients

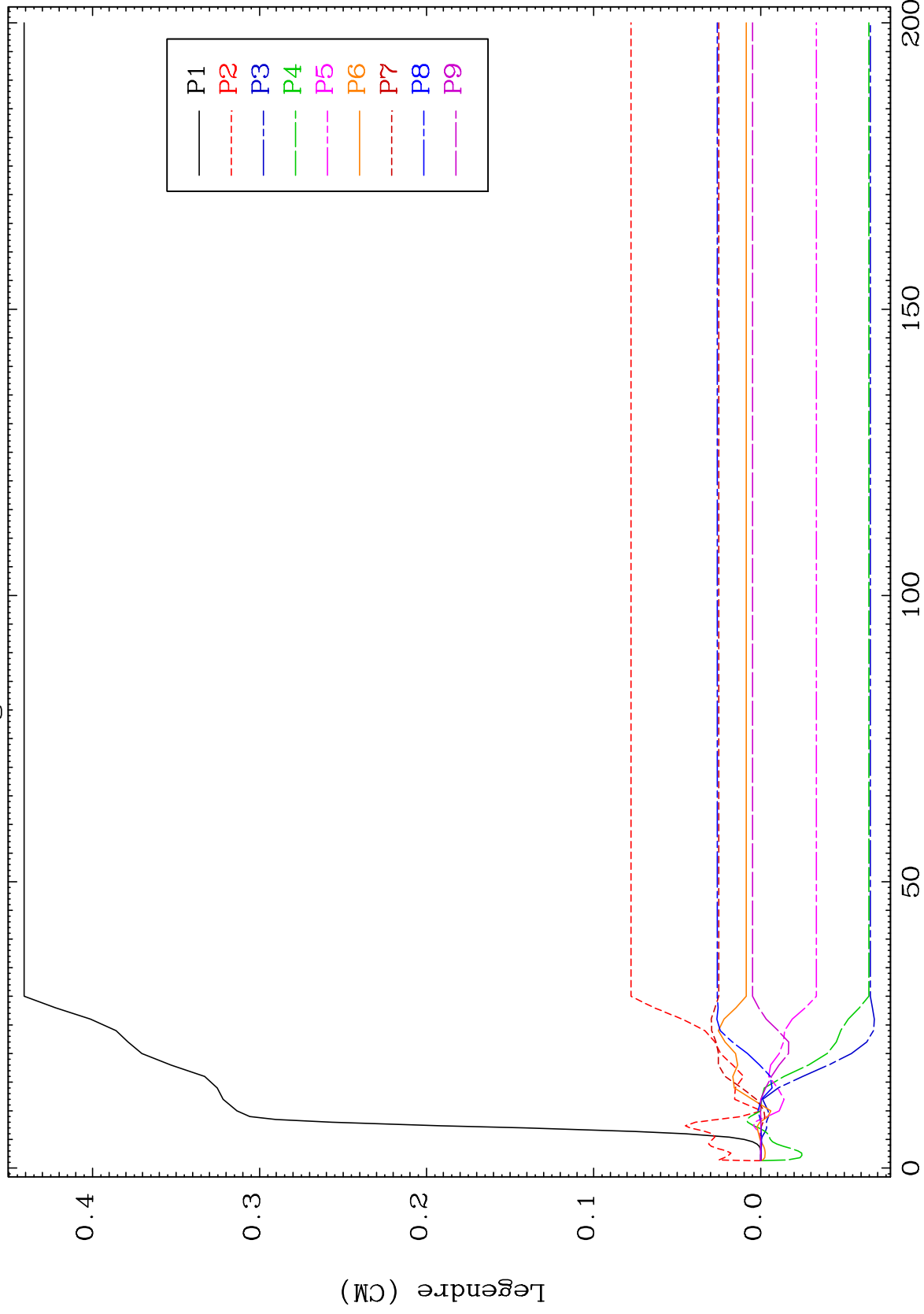
82-Pb-210



MAT 8243

1.278 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



82-Pb-210

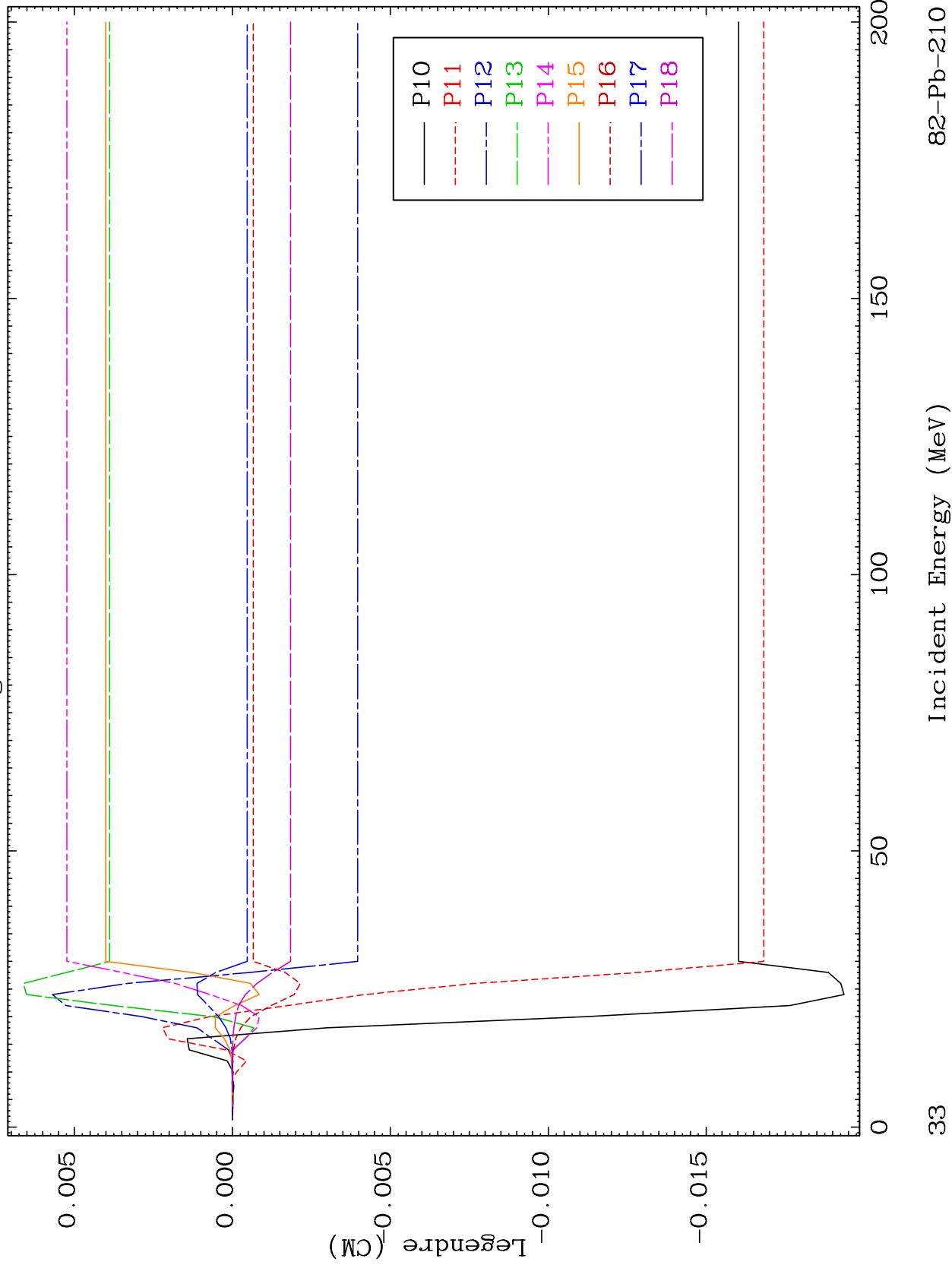
Incident Energy (MeV)

32

MAT 8243

1.278 MeV (n,n') Level
Legendre Coefficients

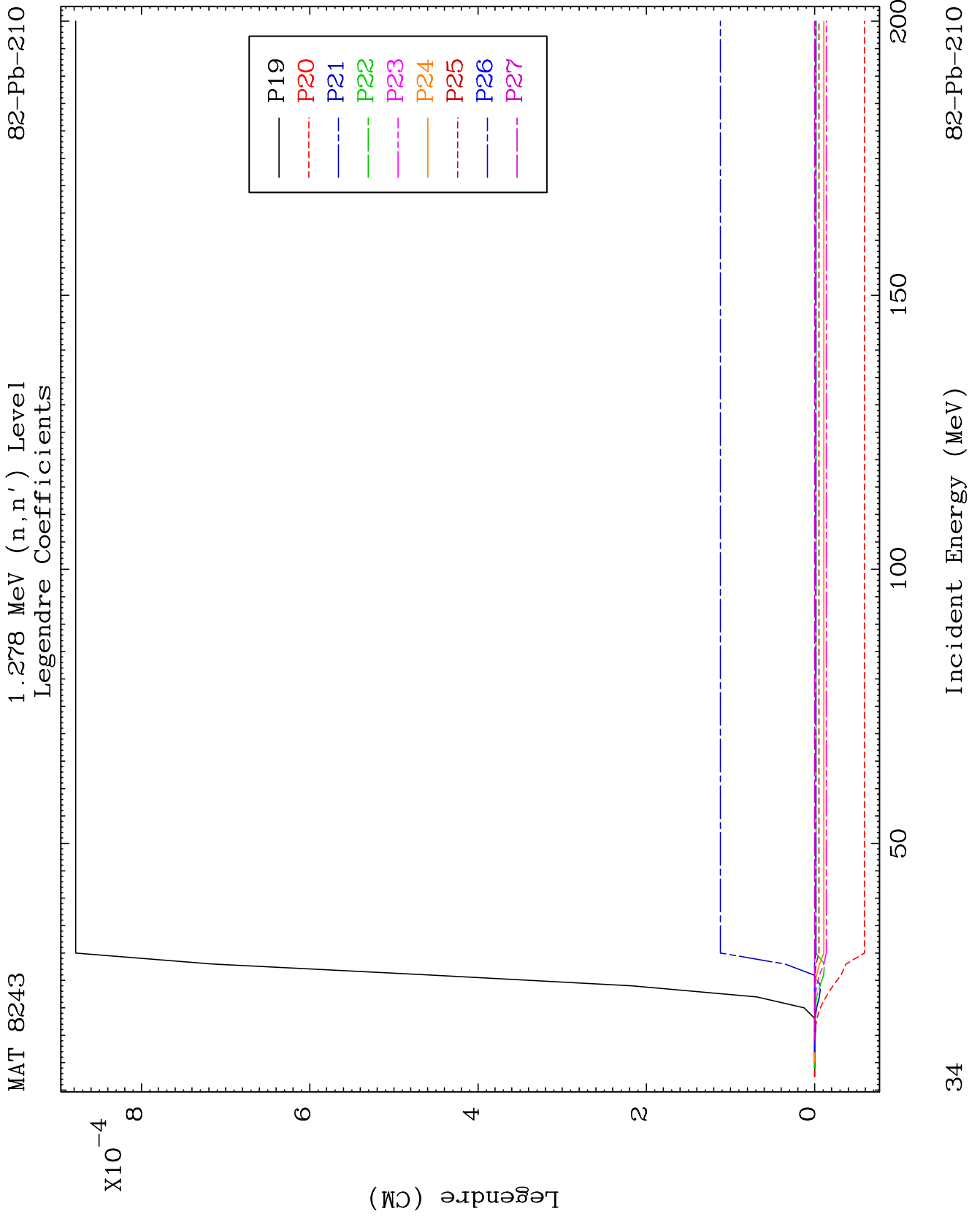
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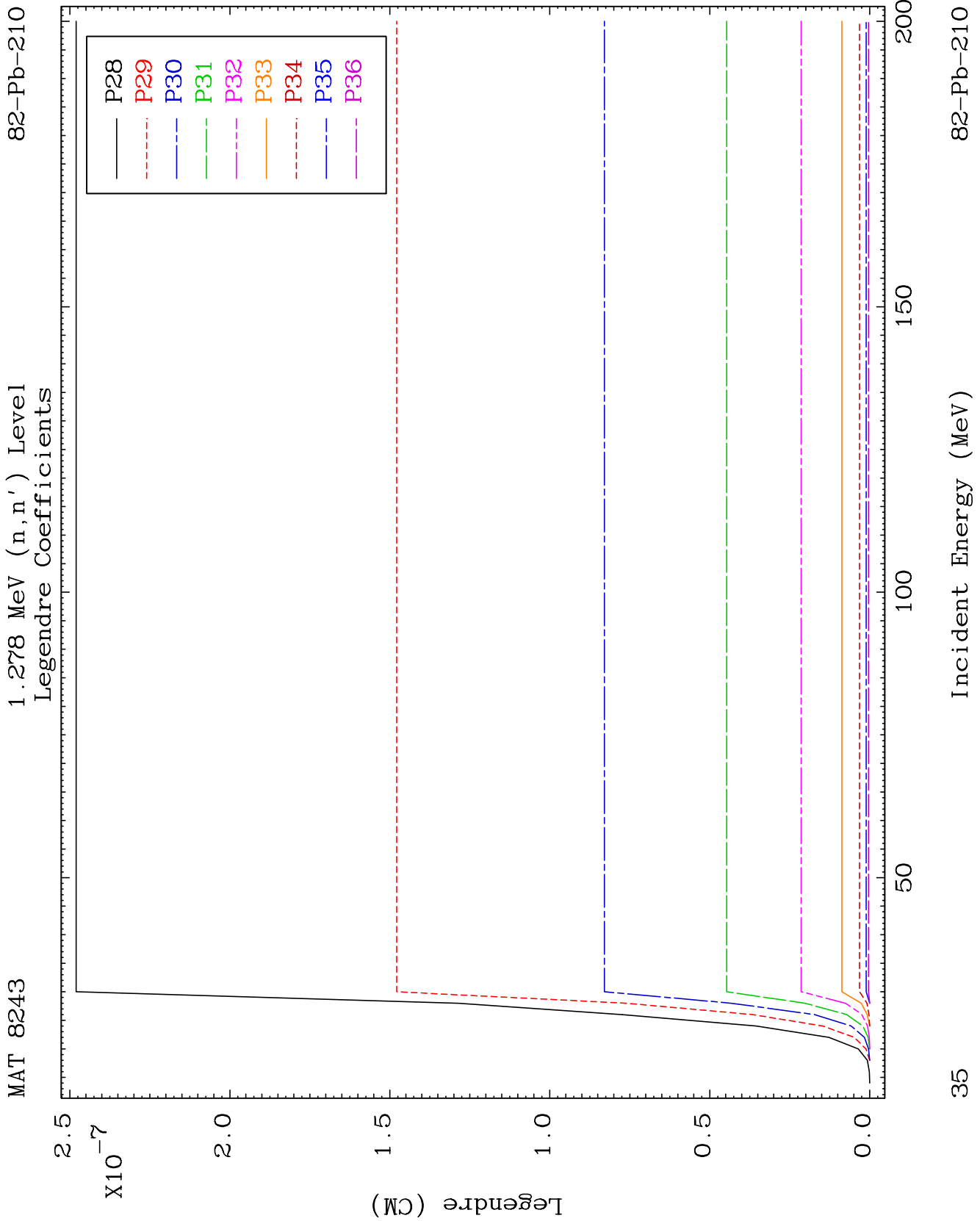


33

Incident Energy (MeV)

82-Pb-210

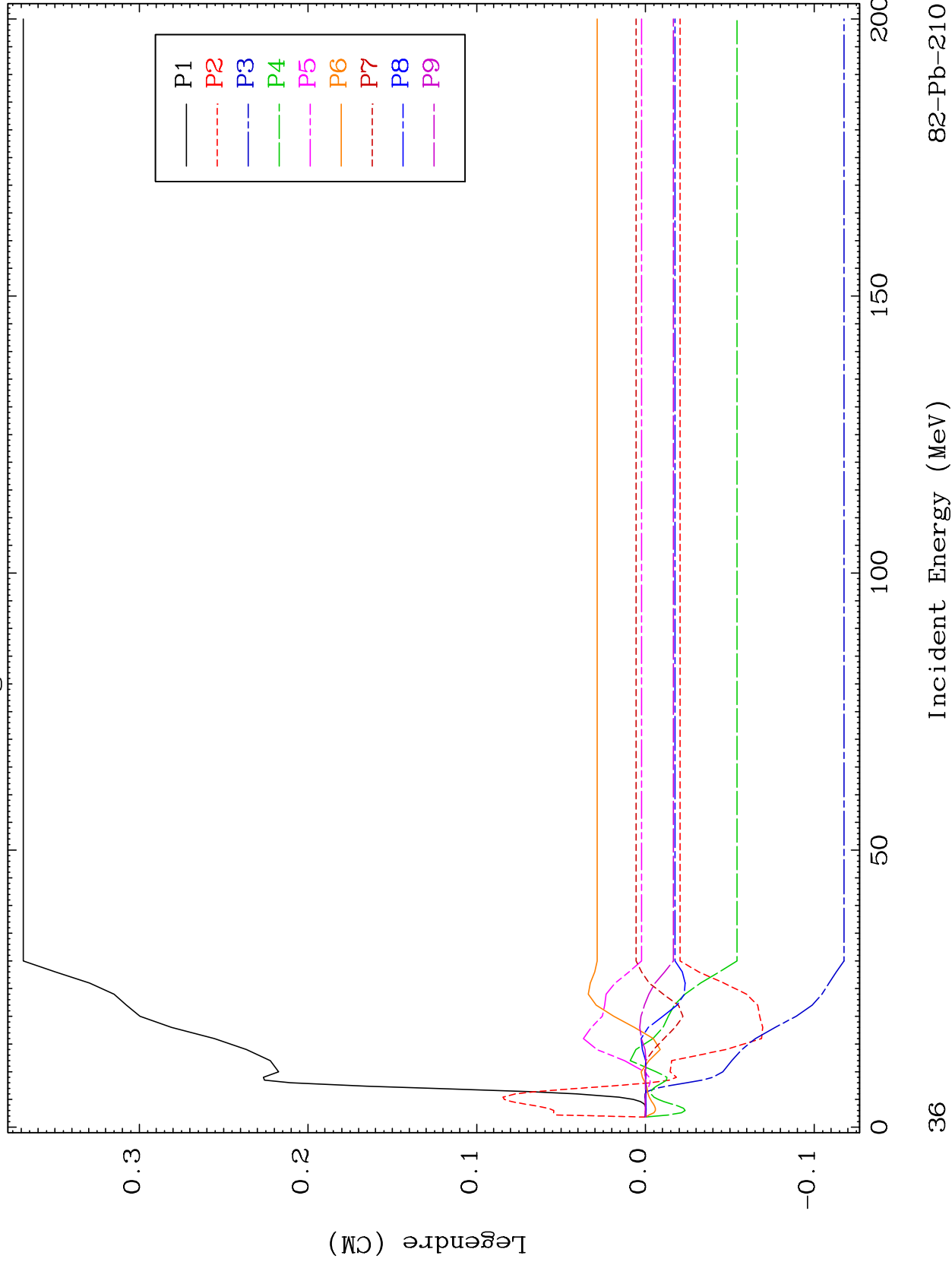




MAT 8243

1.806 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



82-Pb-210

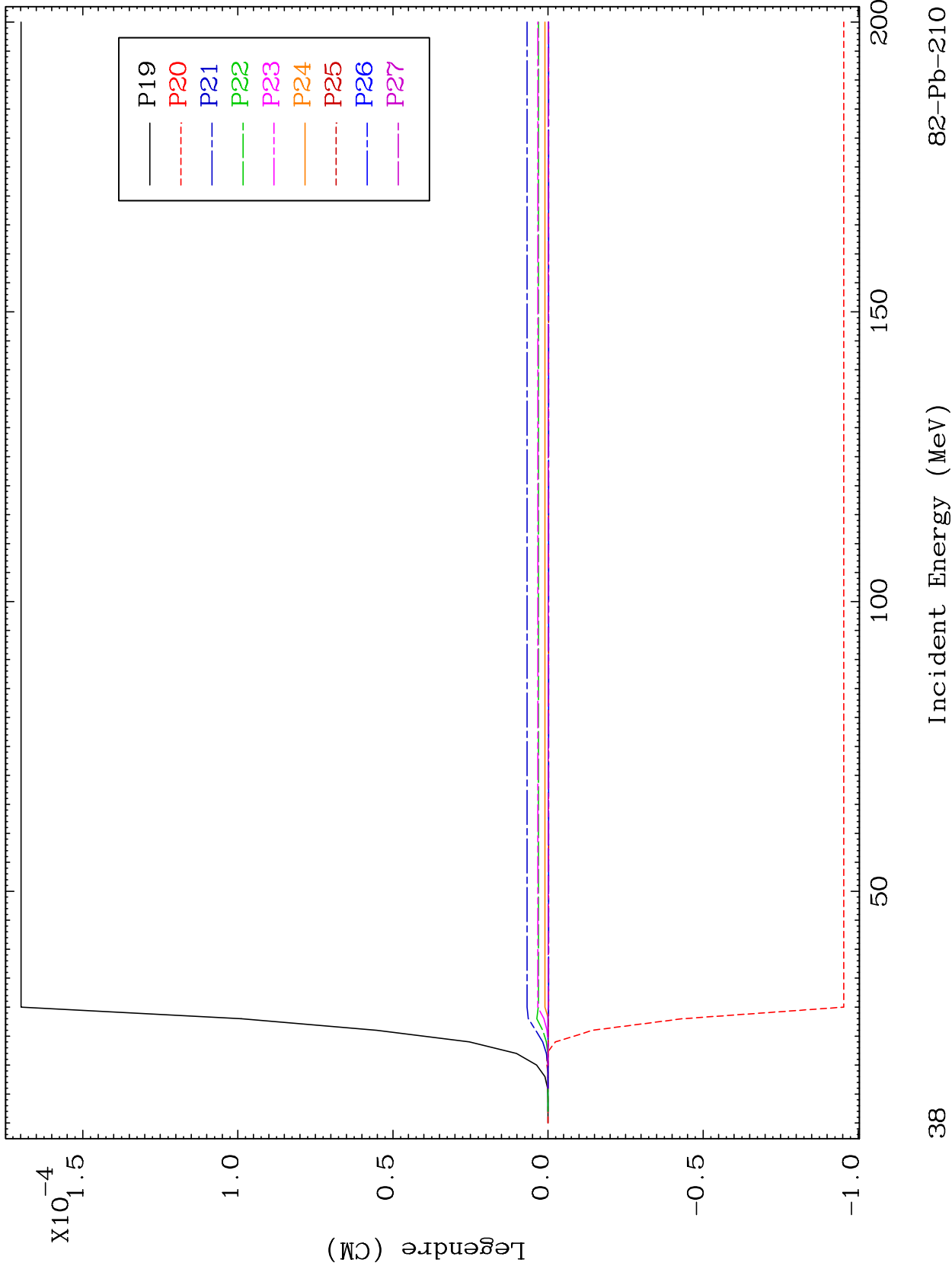
Incident Energy (MeV)

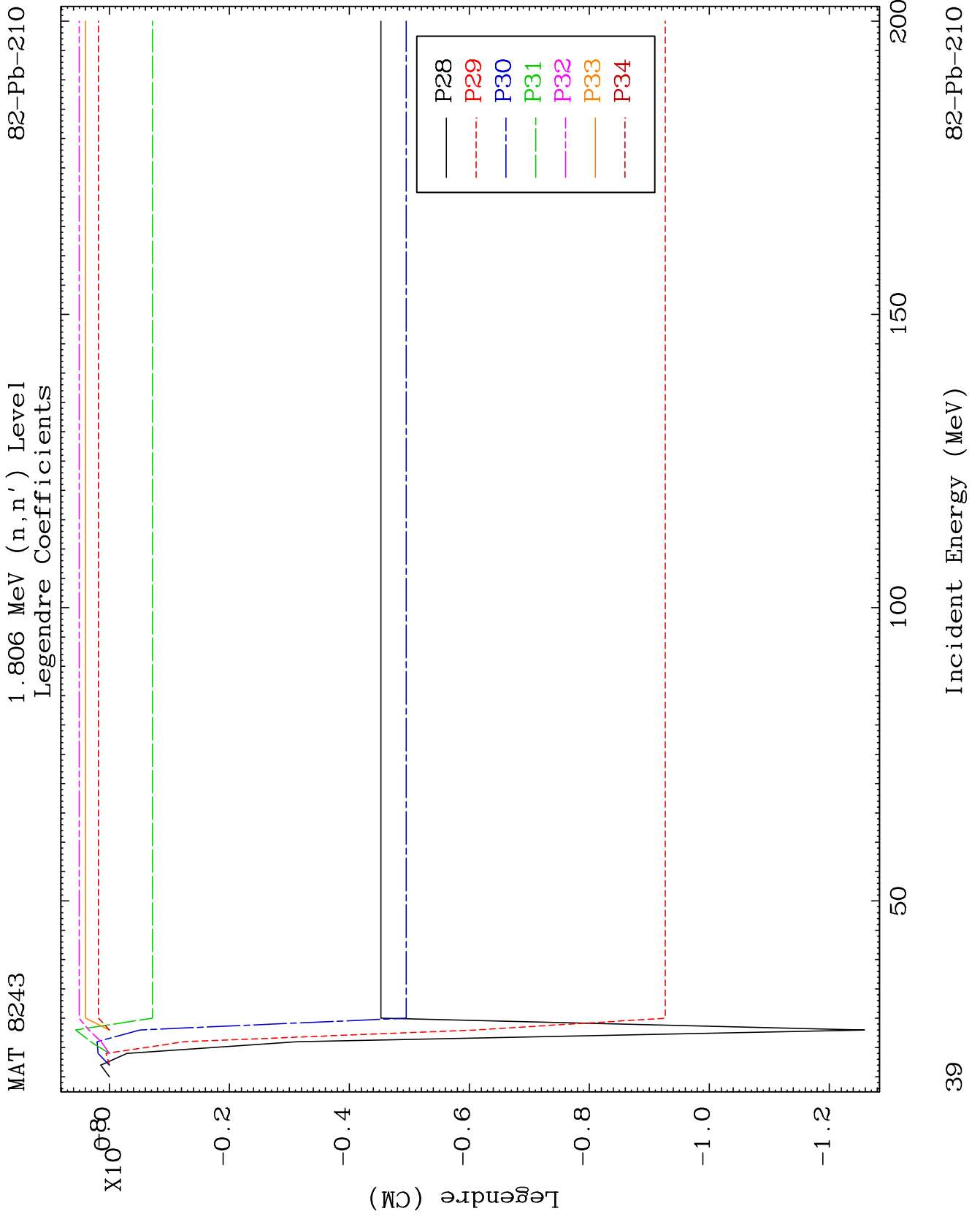
36

MAT 8243

1.806 MeV (n,n') Level
Legendre Coefficients

82-Pb-210

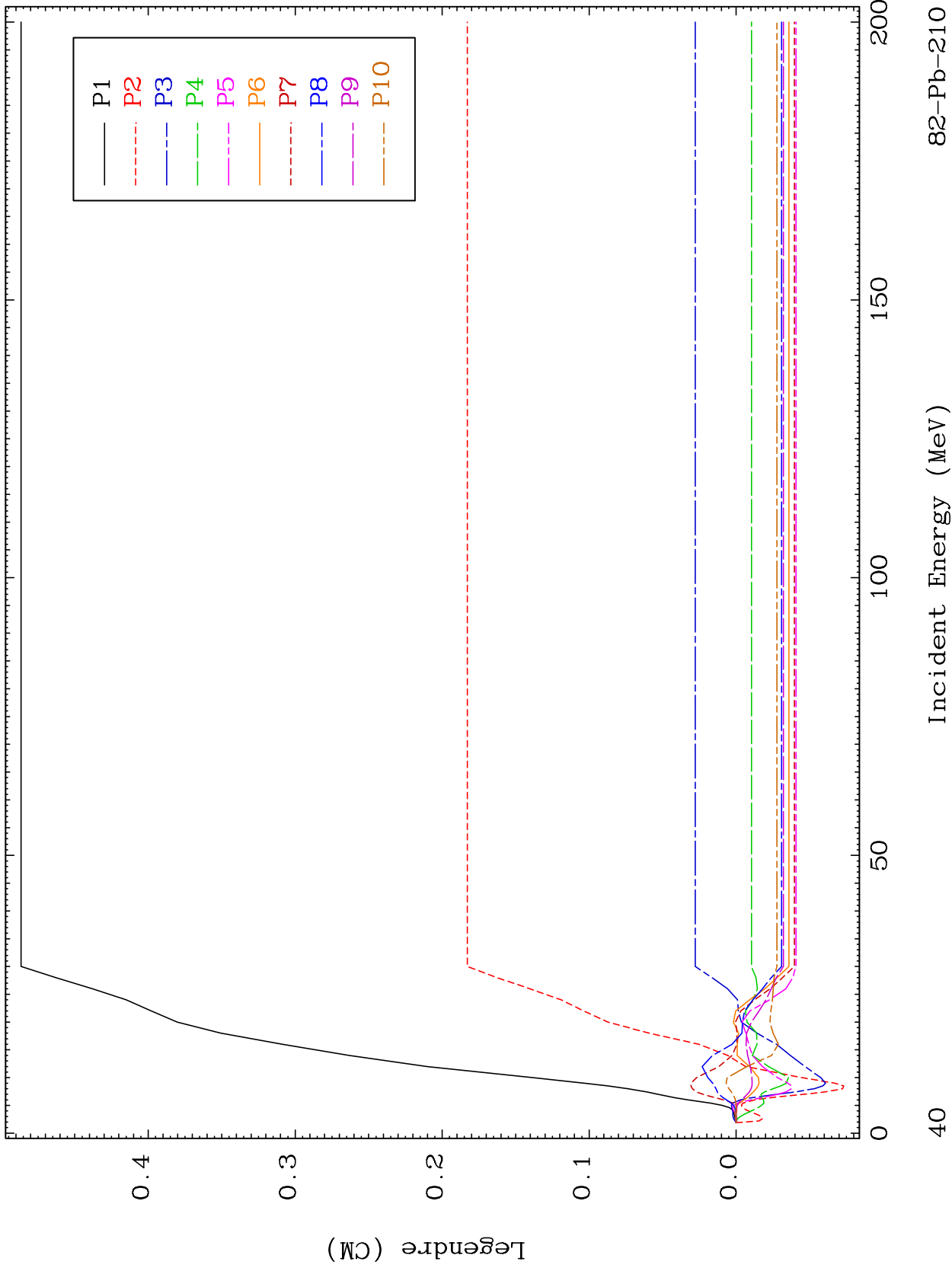




MAT 8243

1.870 MeV (n,n') Level
Legendre Coefficients

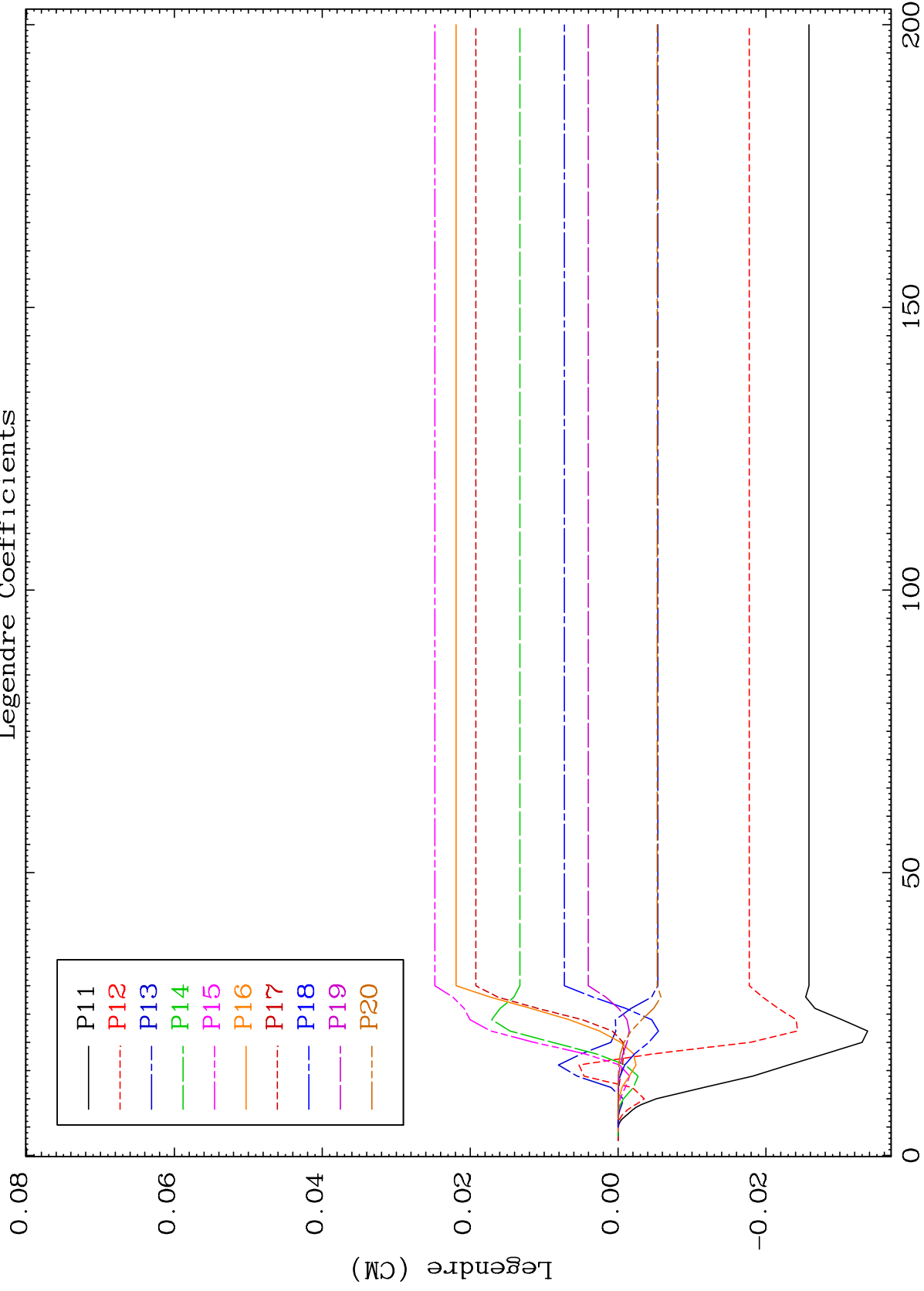
82-Pb-210



MAT 8243

1.870 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



41

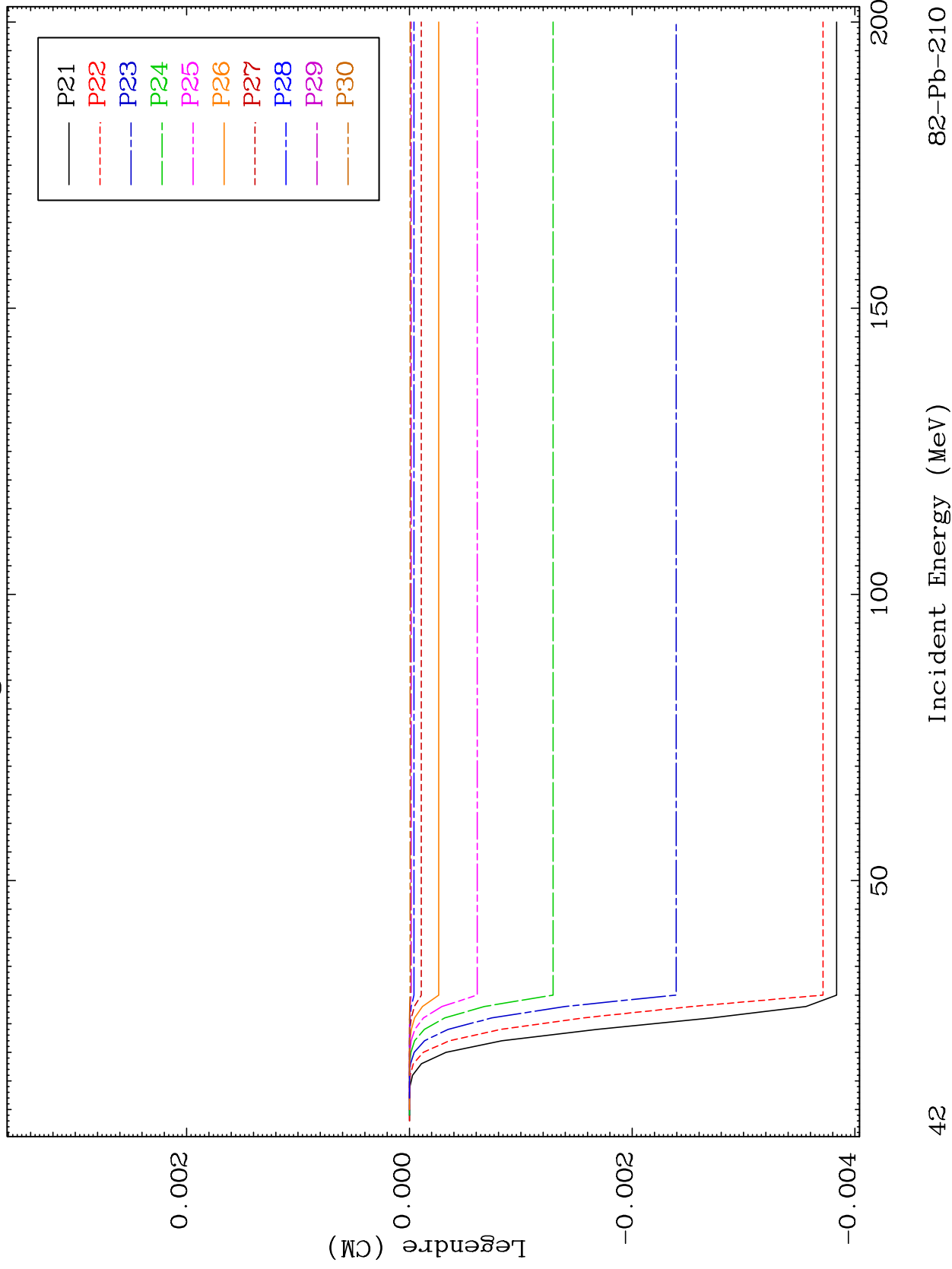
Incident Energy (MeV)

82-Pb-210

MAT 8243

1.870 MeV (n,n') Level
Legendre Coefficients

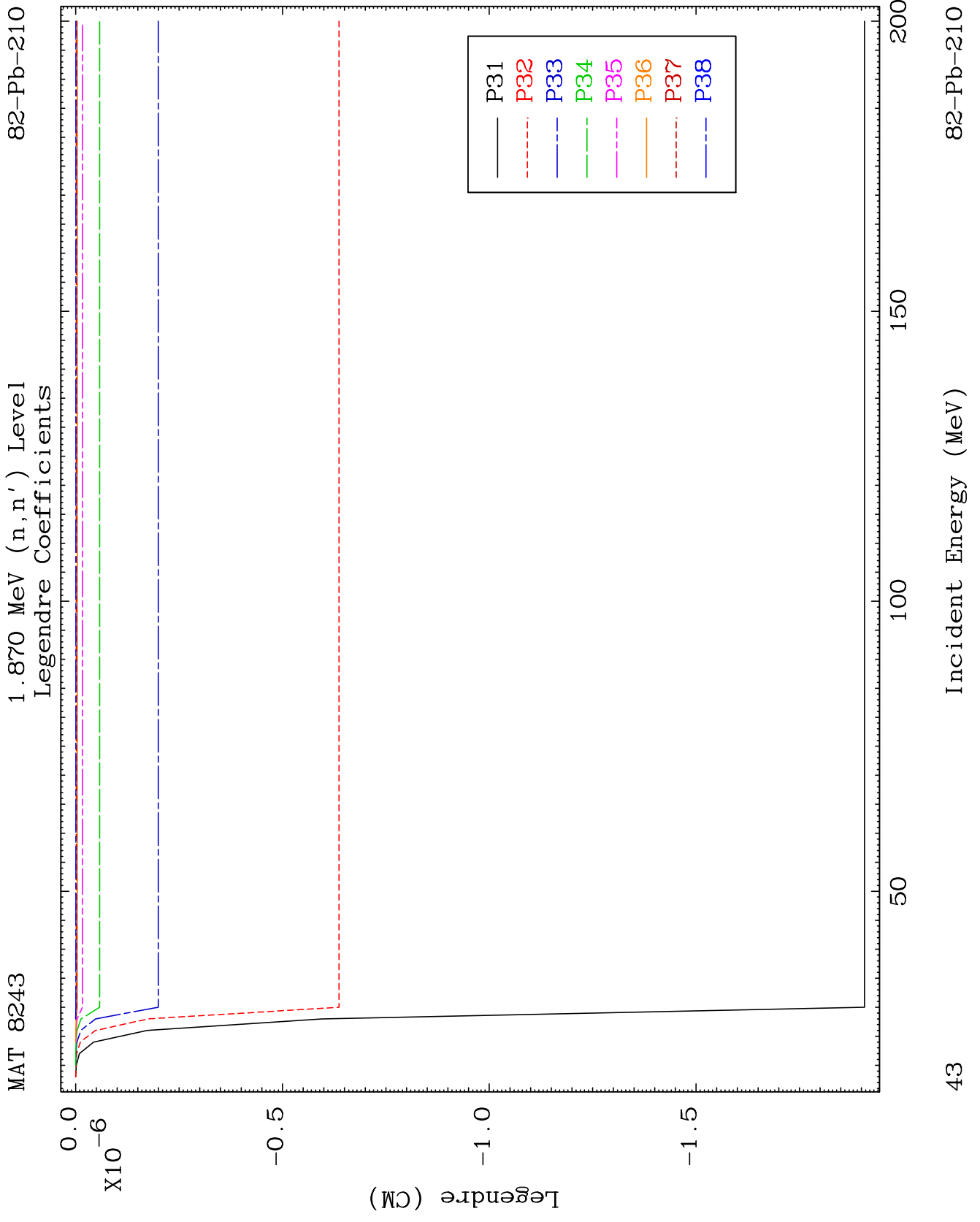
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42

Incident Energy (MeV)

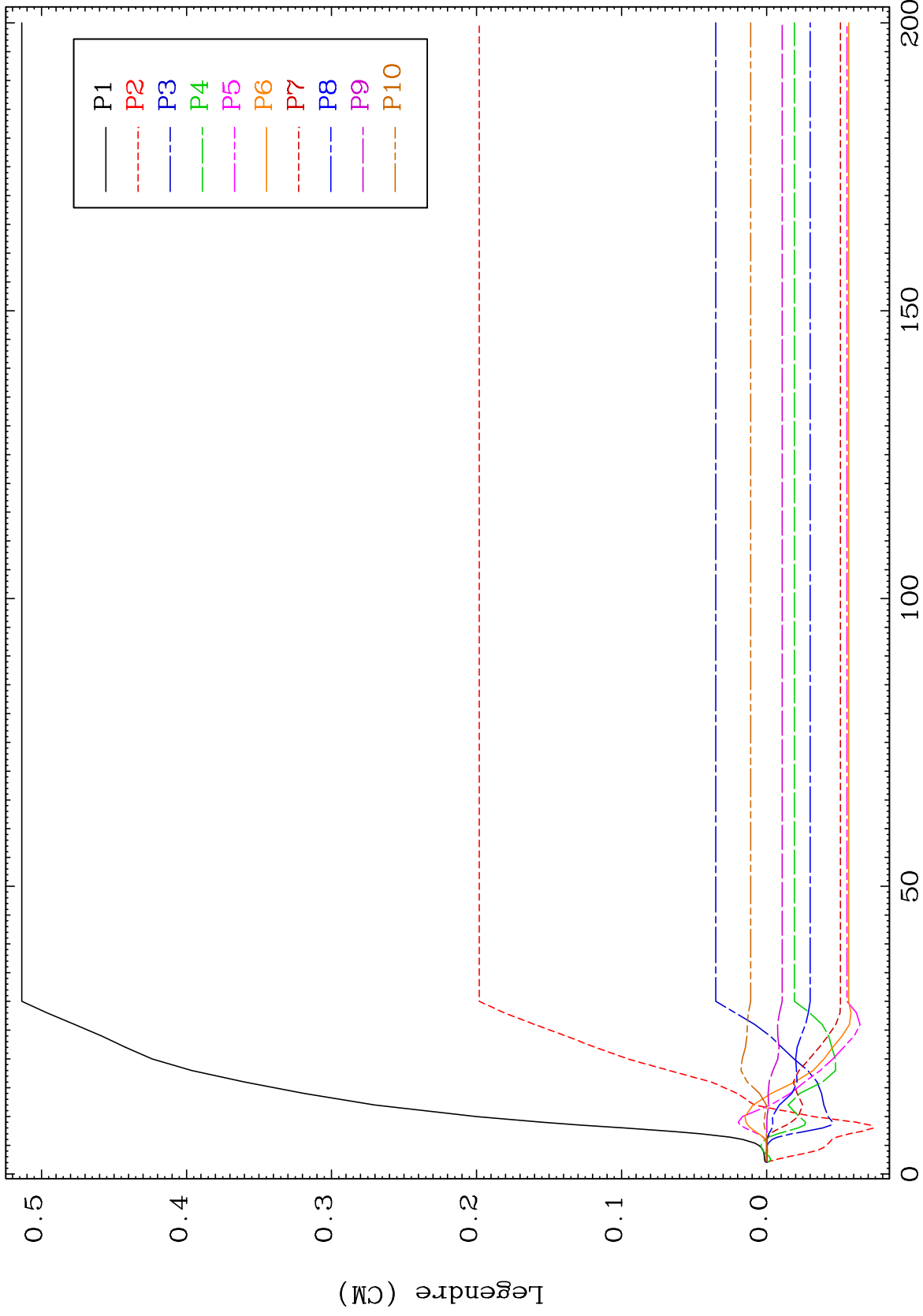
82-Pb-210



MAT 8243

2.003 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



44

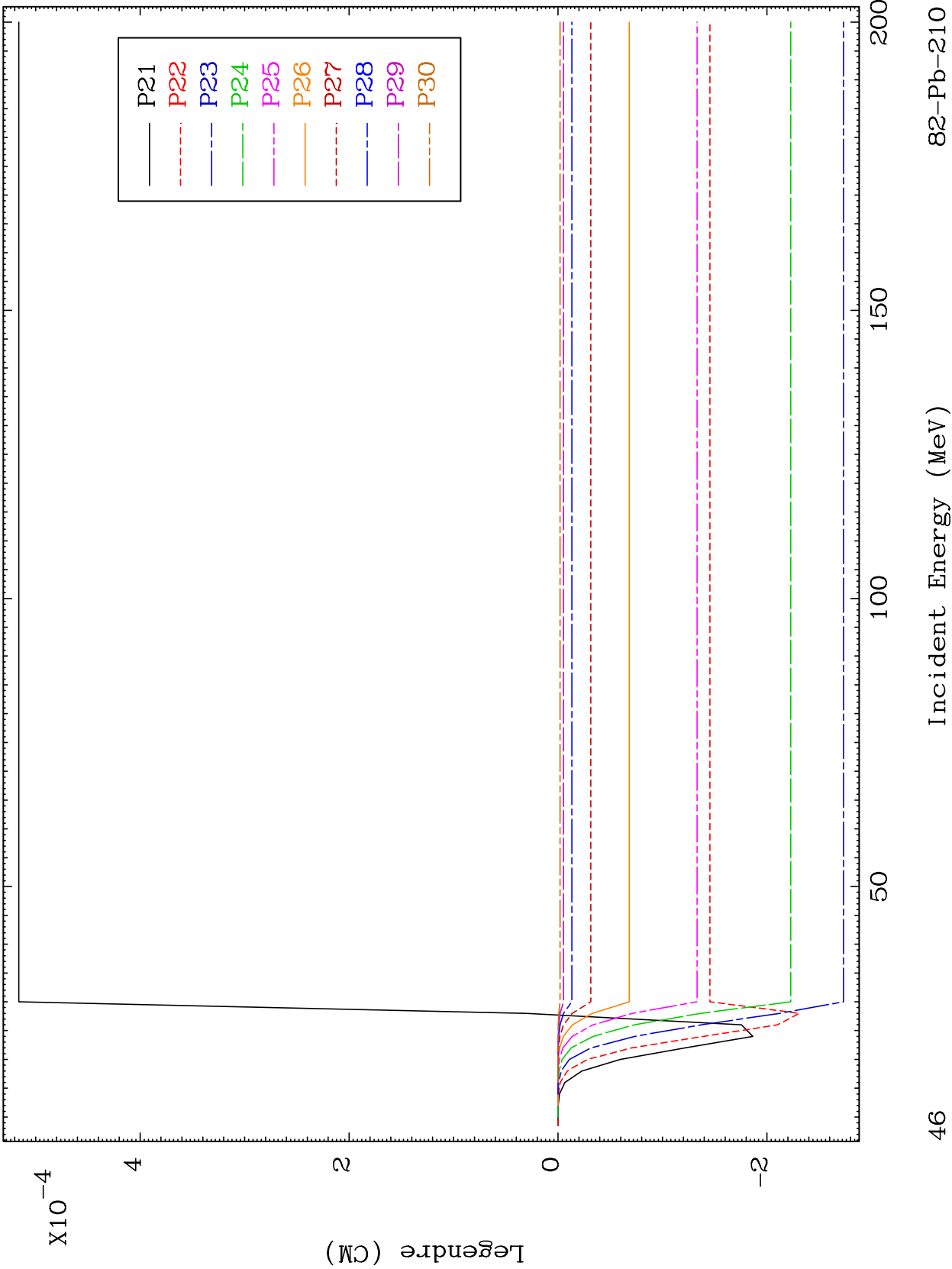
Incident Energy (MeV)

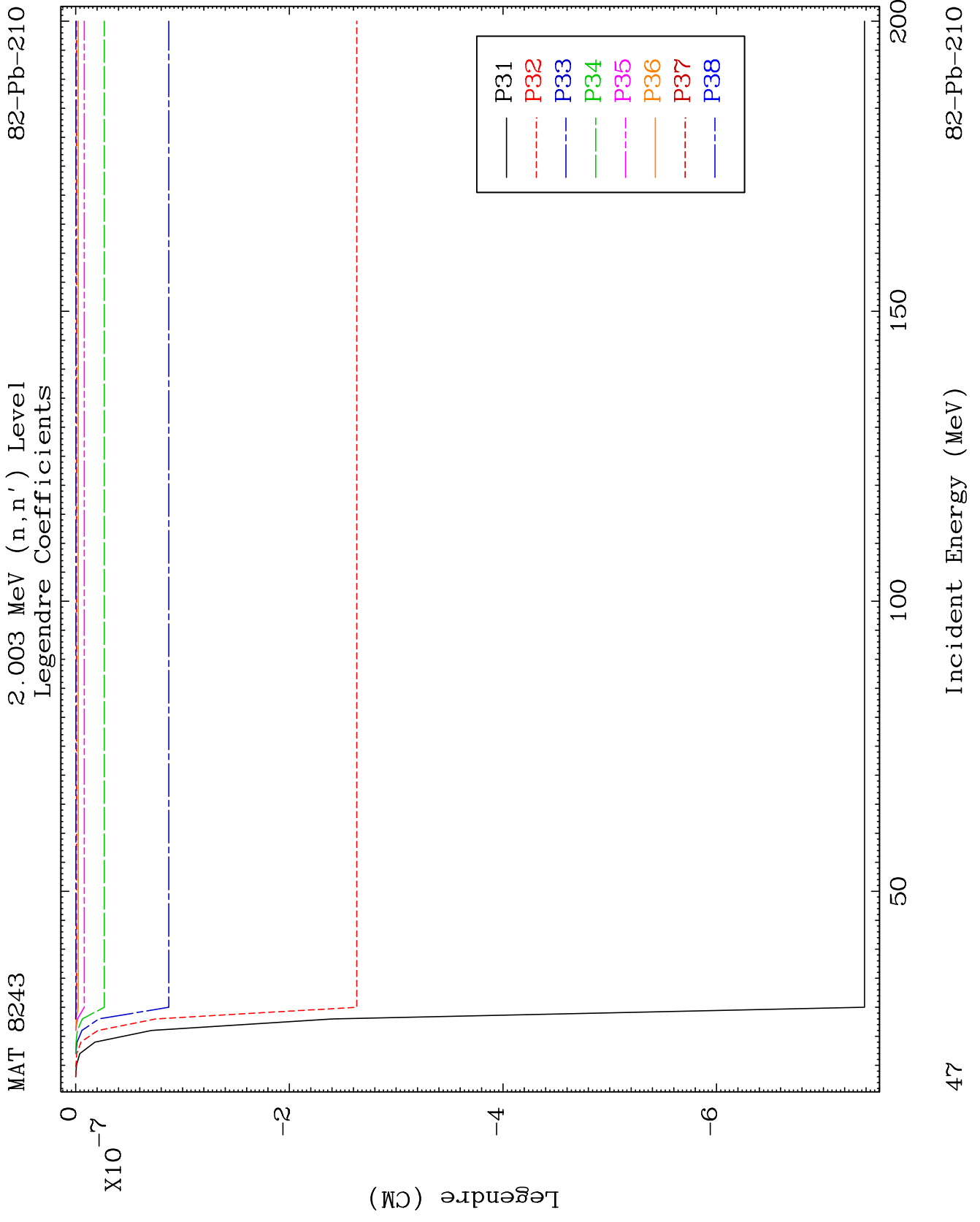
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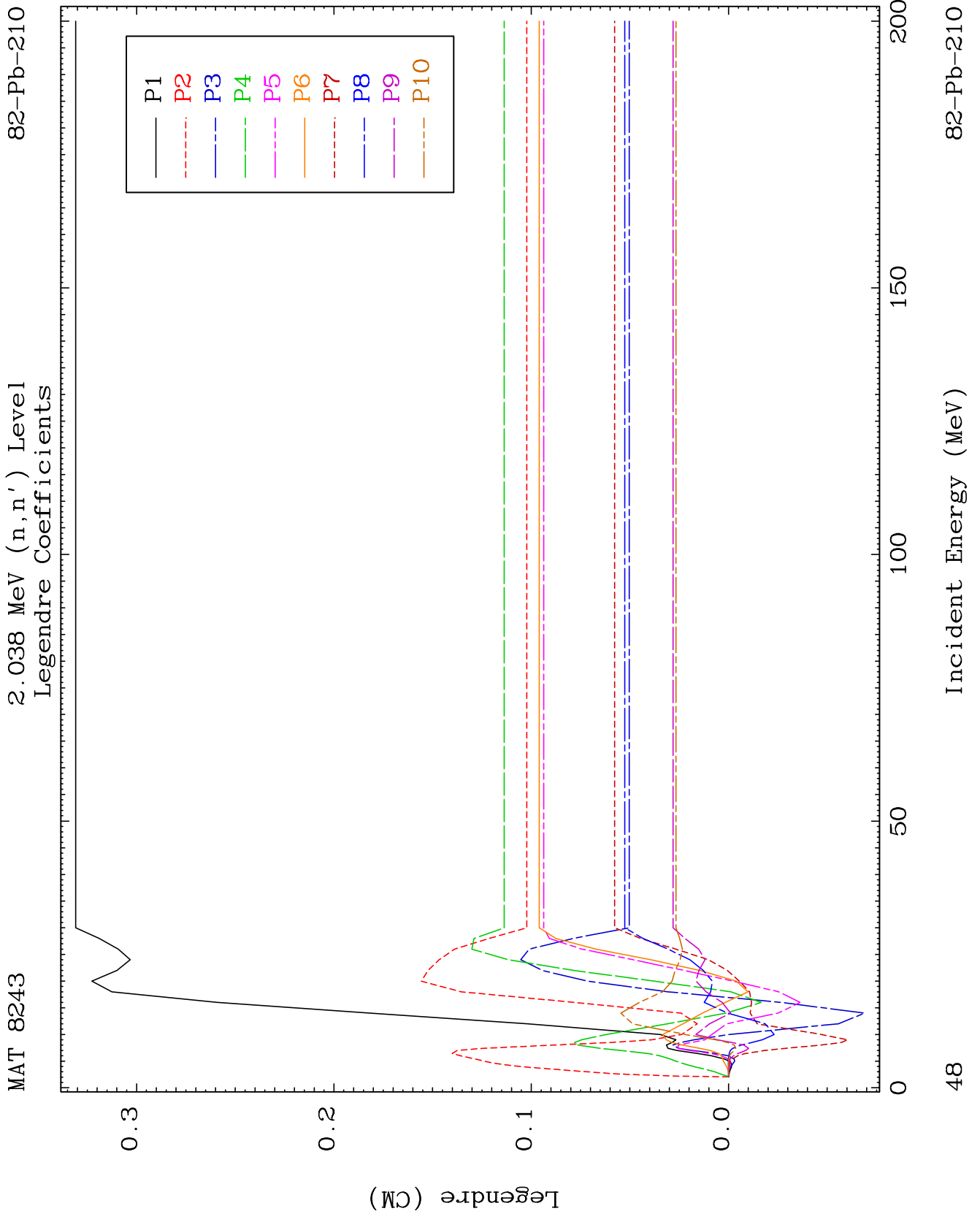
MAT 8243

2.003 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



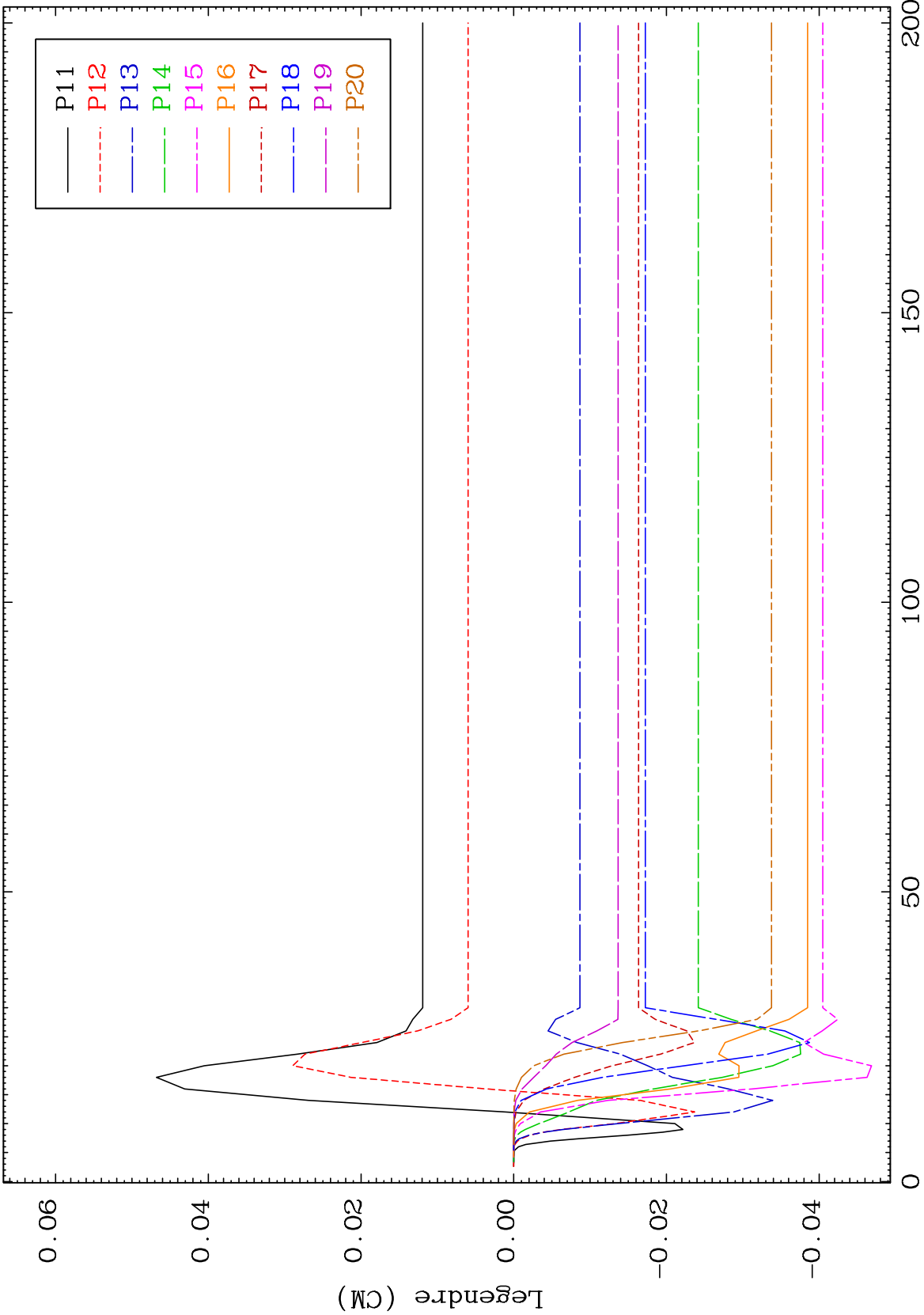




MAT 8243

2.038 MeV (n,n') Level
Legendre Coefficients

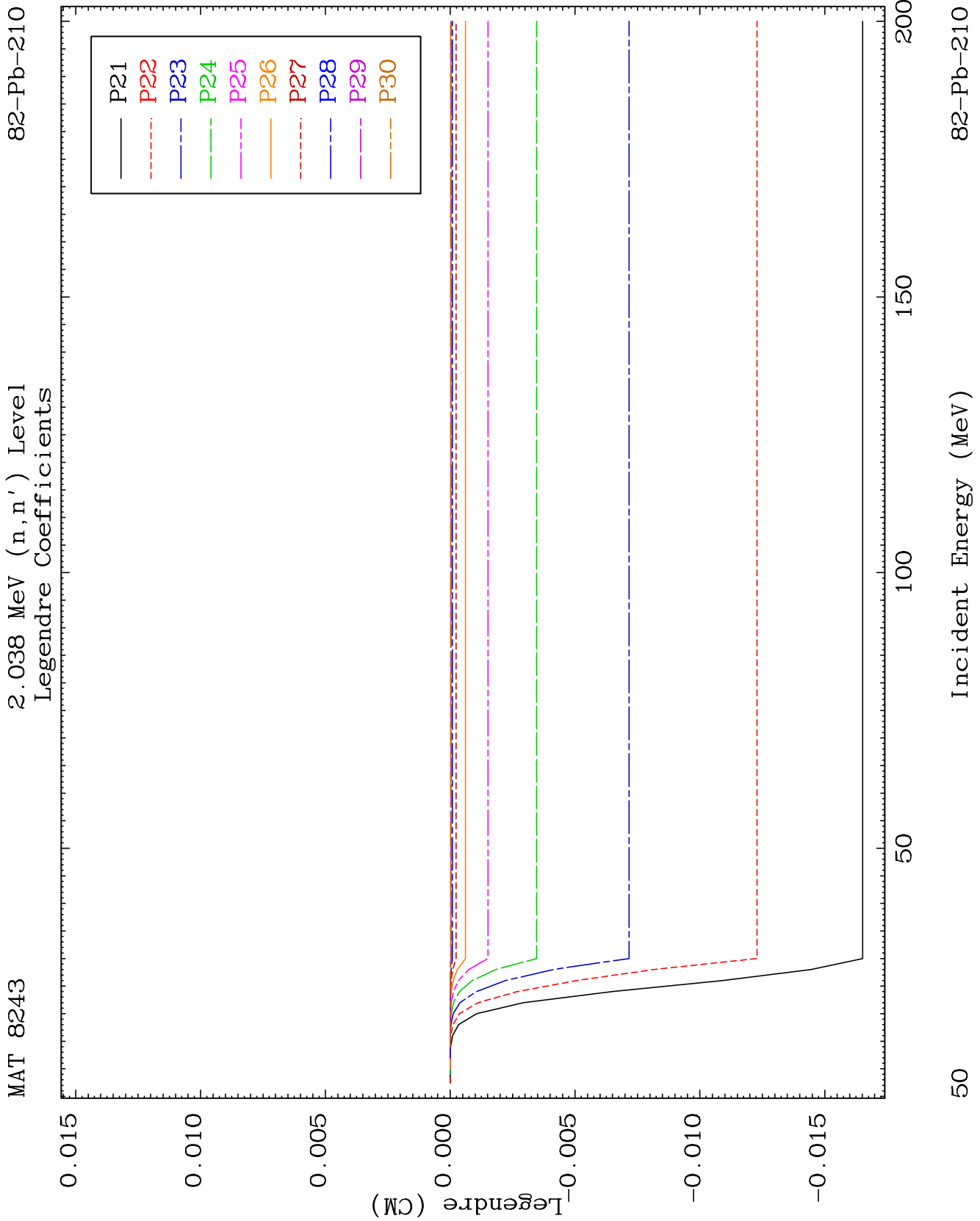
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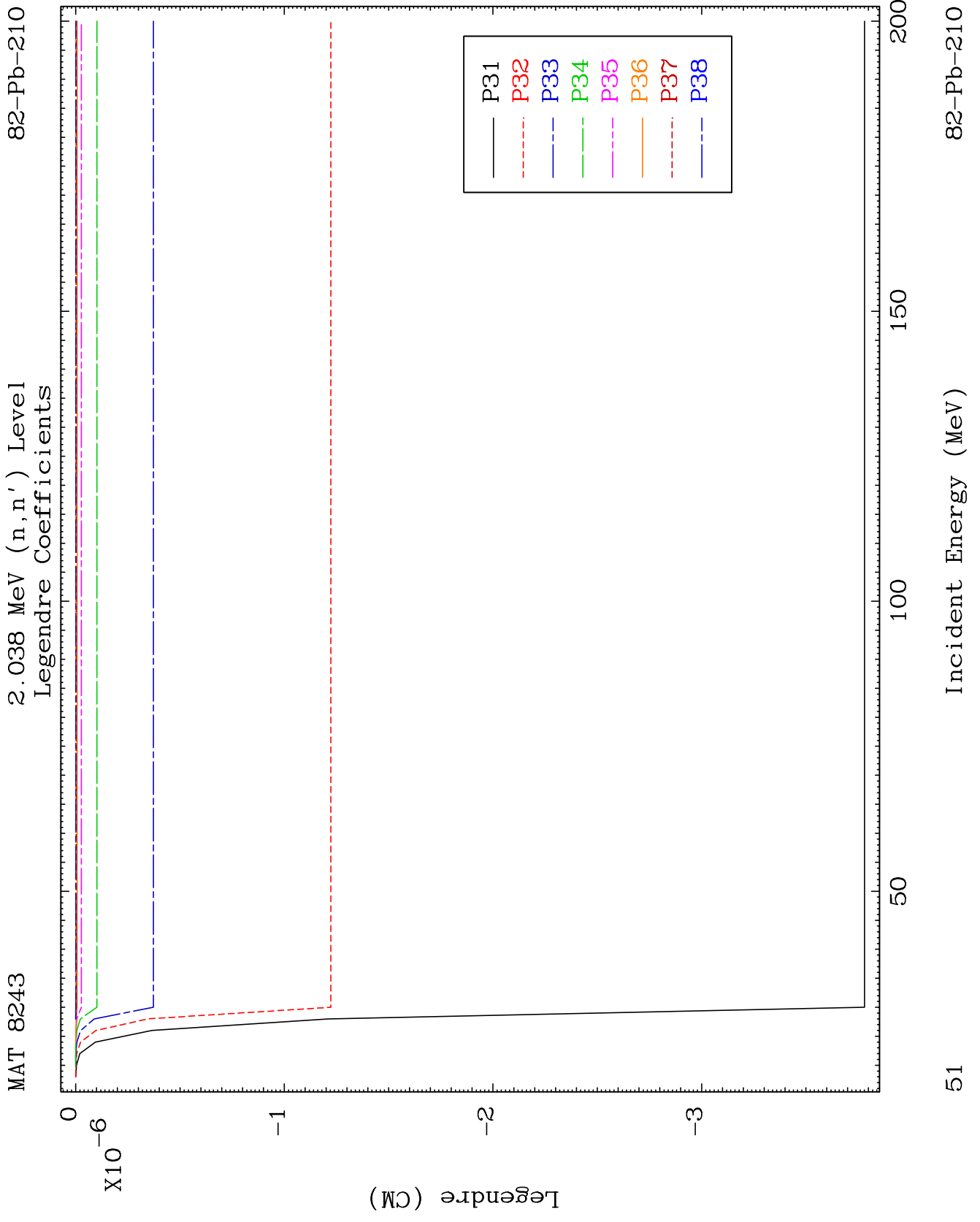


49

Incident Energy (MeV)

82-Pb-210

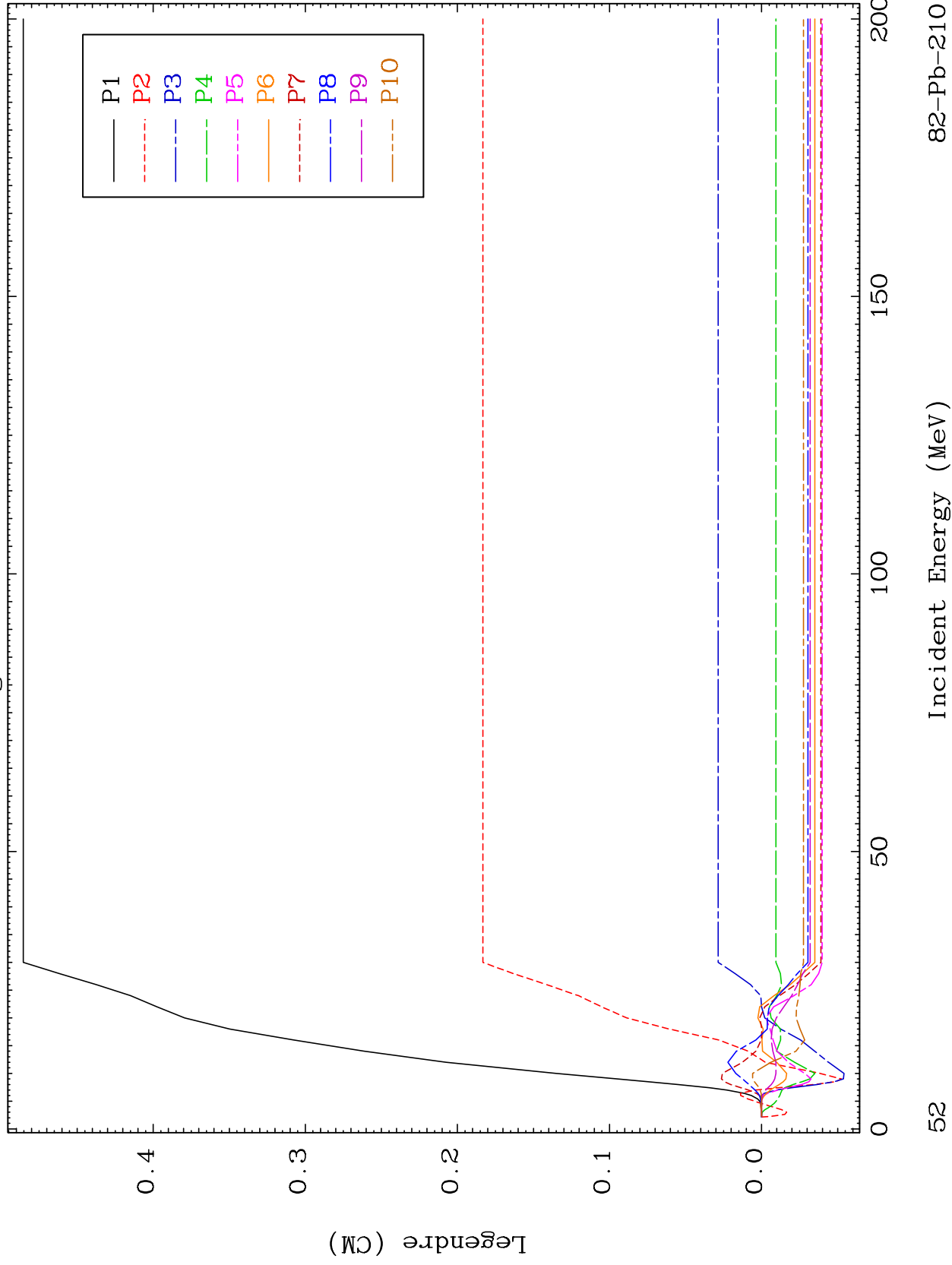




MAT 8243

2.118 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



82-Pb-210

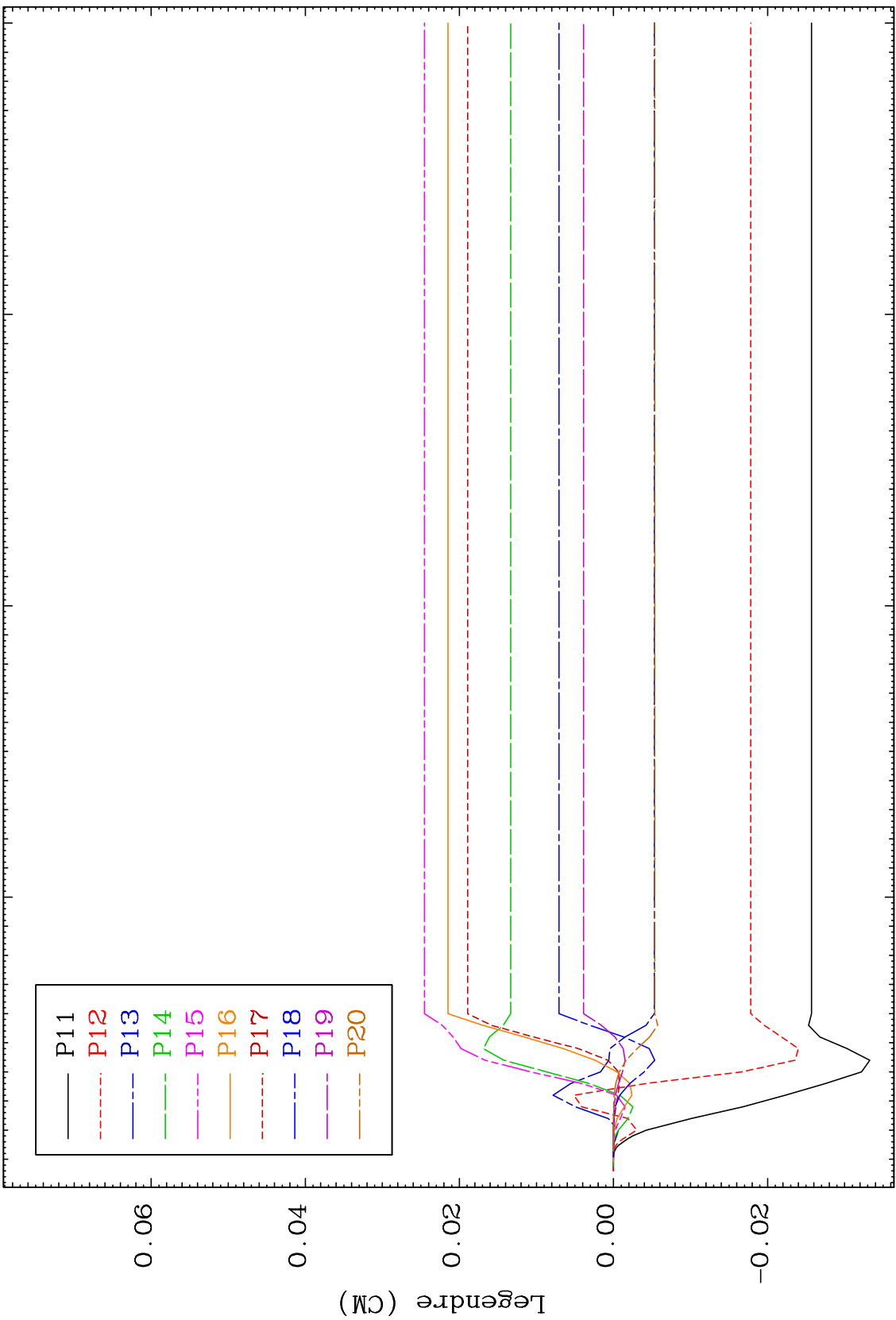
Incident Energy (MeV)

52

MAT 8243

2.118 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



200

150

100

50

Incident Energy (MeV)

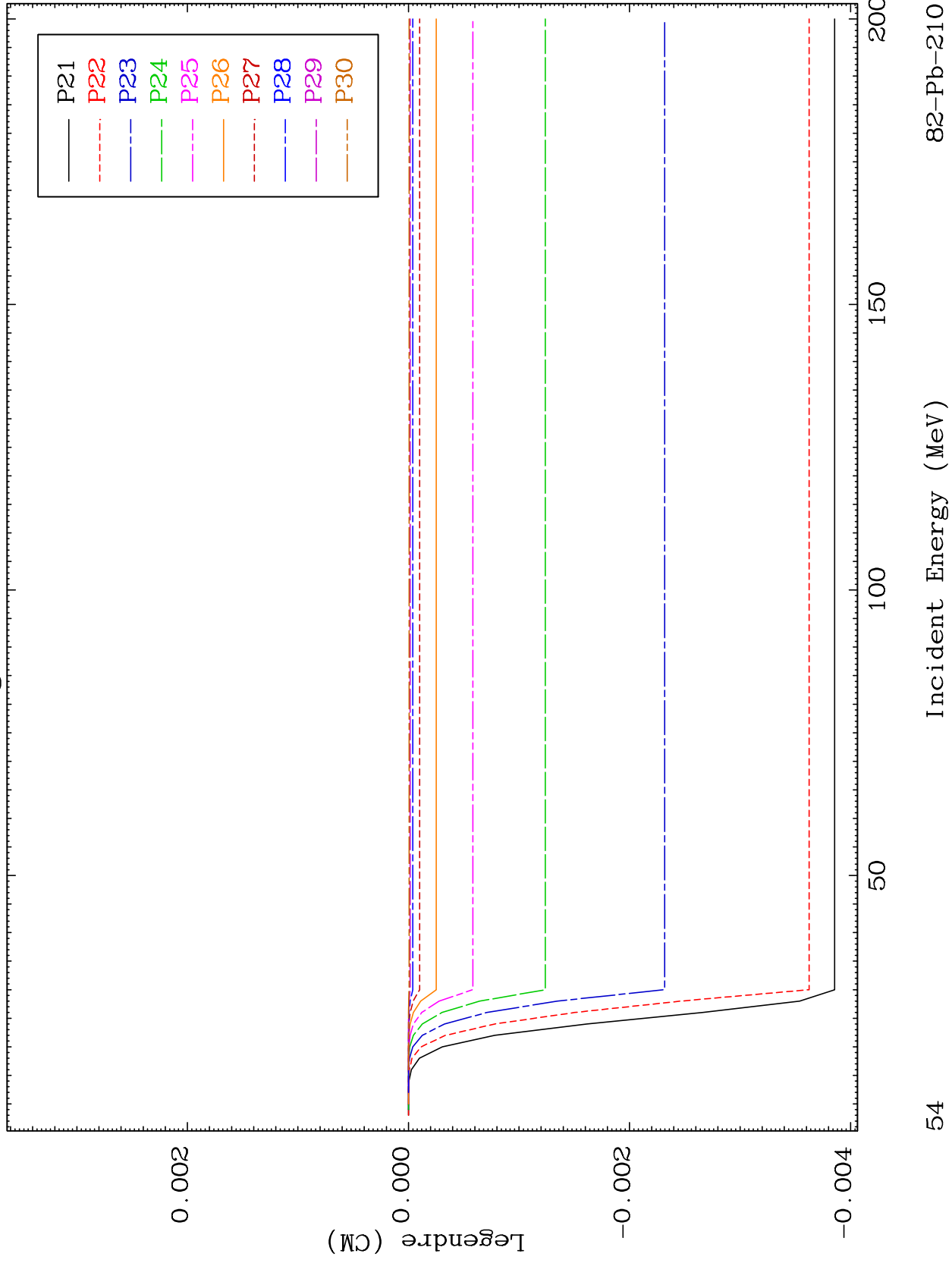
82-Pb-210

53

MAT 8243

2.118 MeV (n,n') Level
Legendre Coefficients

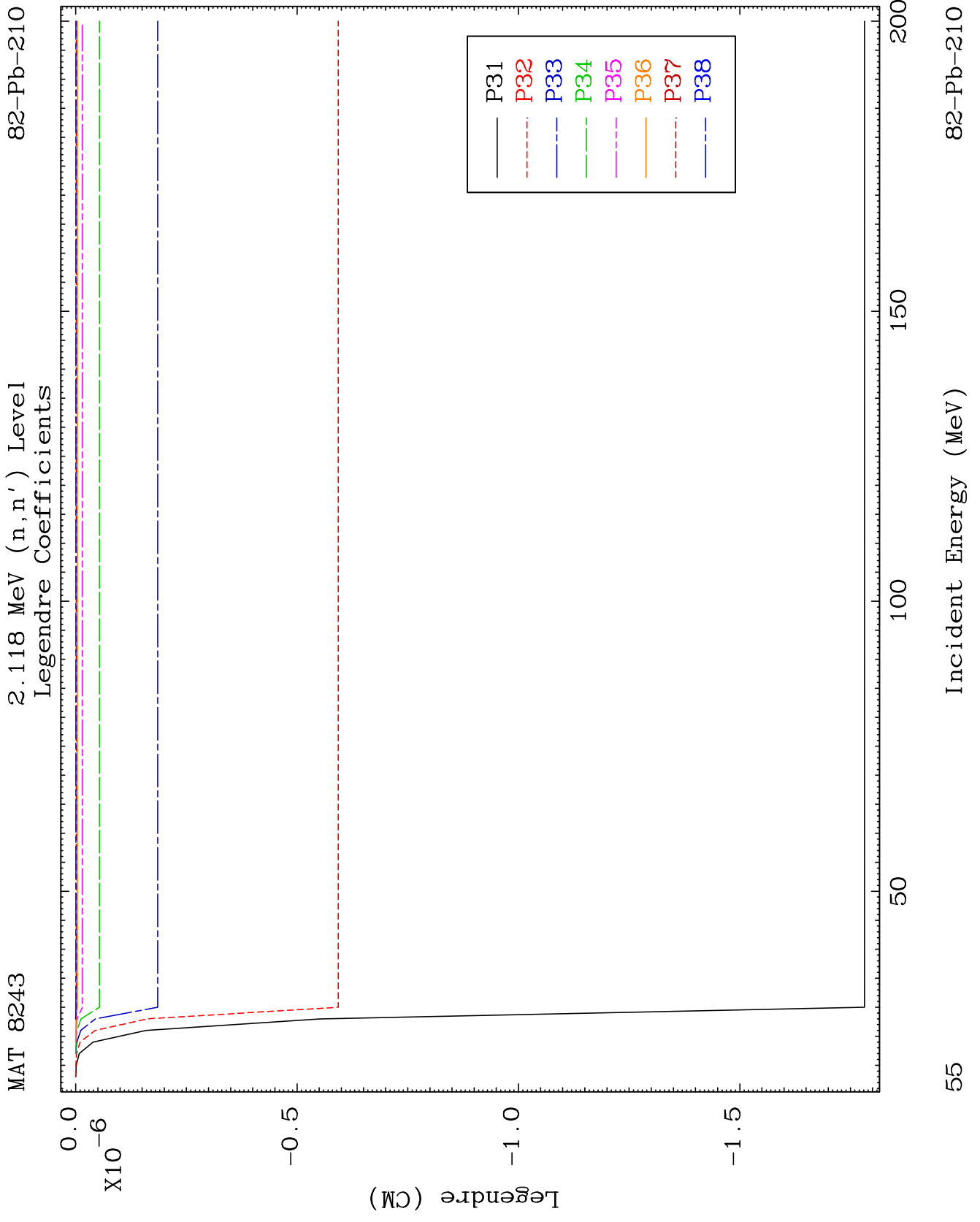
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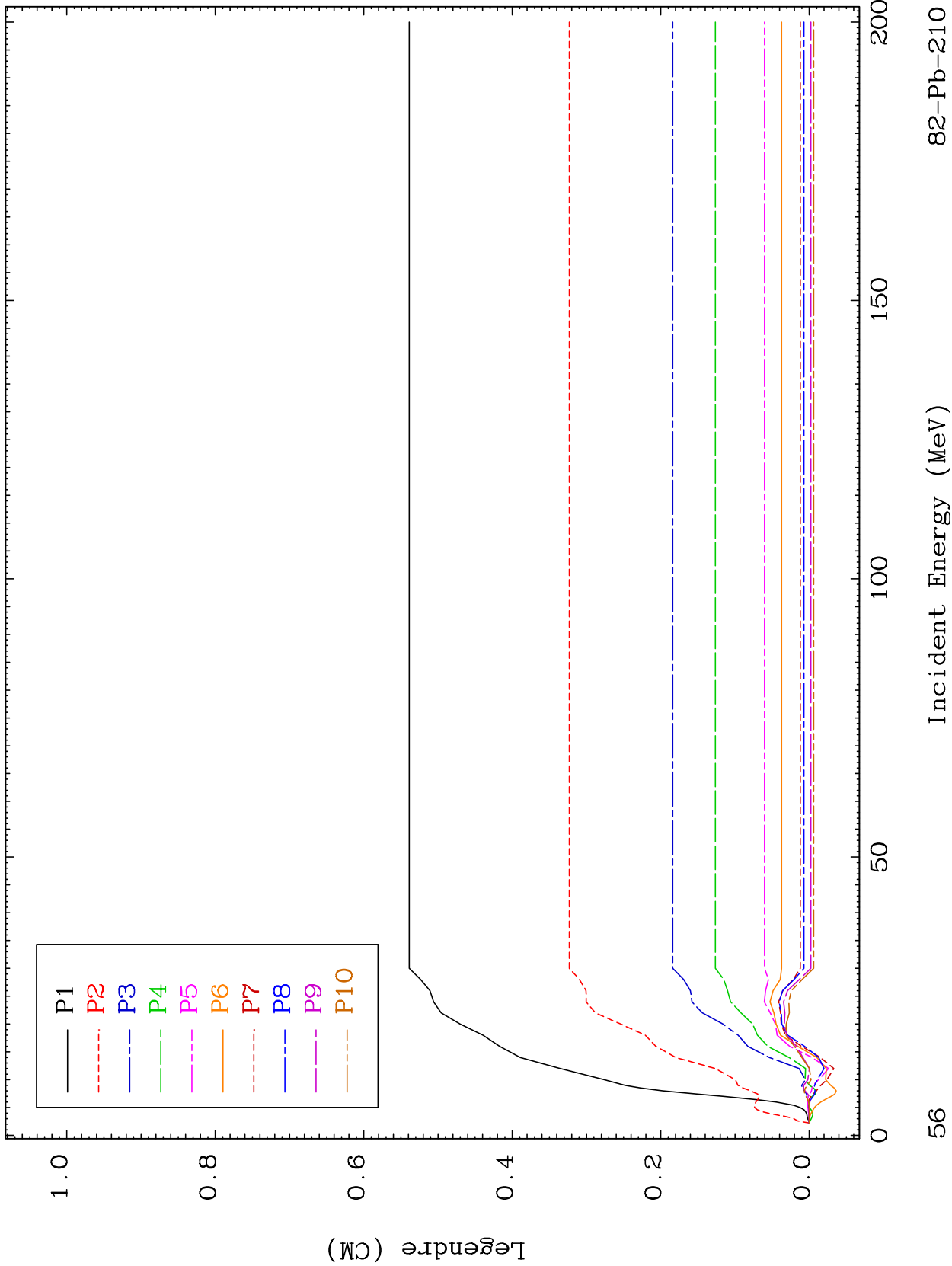


54

Incident Energy (MeV)

82-Pb-210

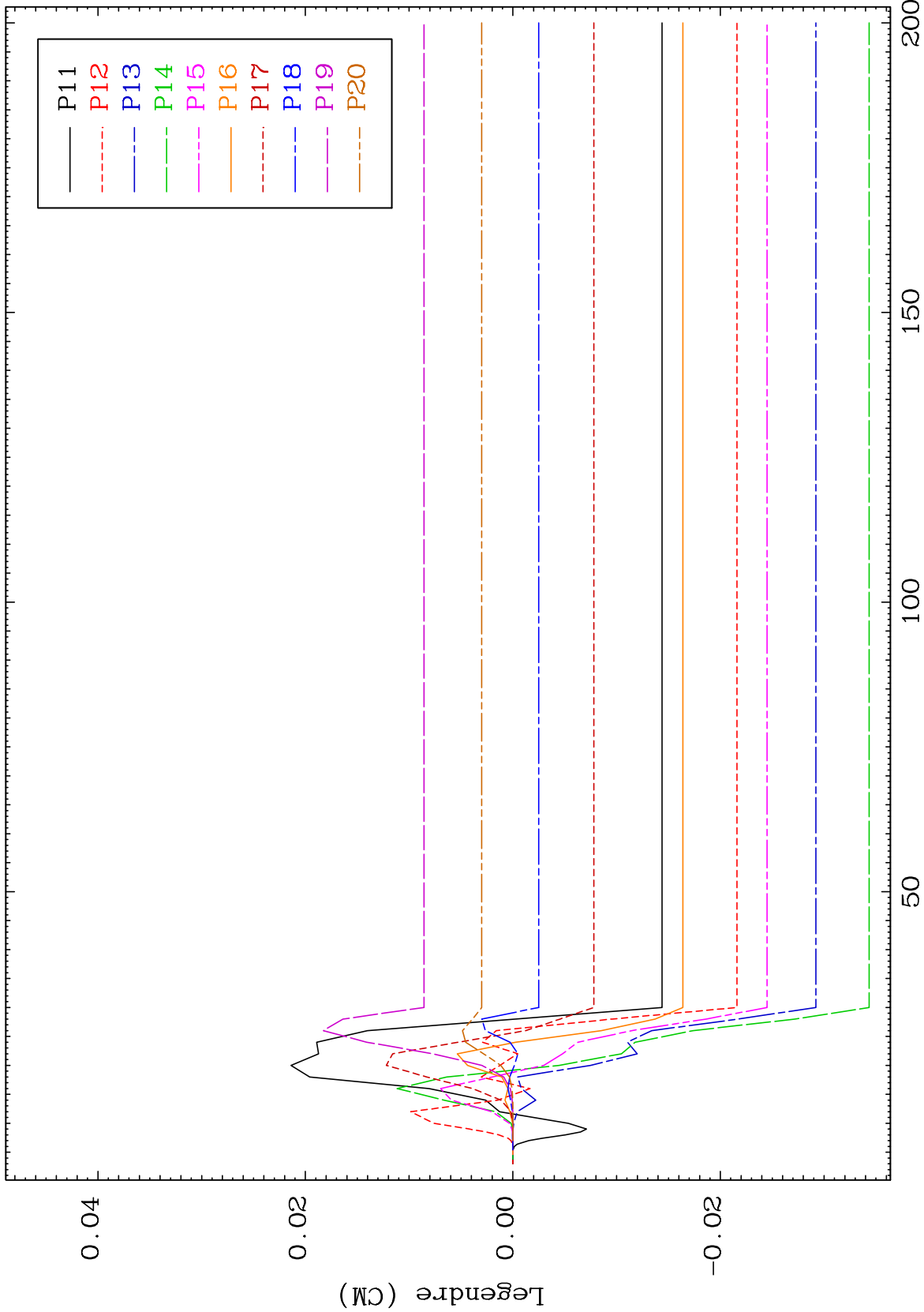




MAT 8243

2.209 MeV (n,n') Level
Legendre Coefficients

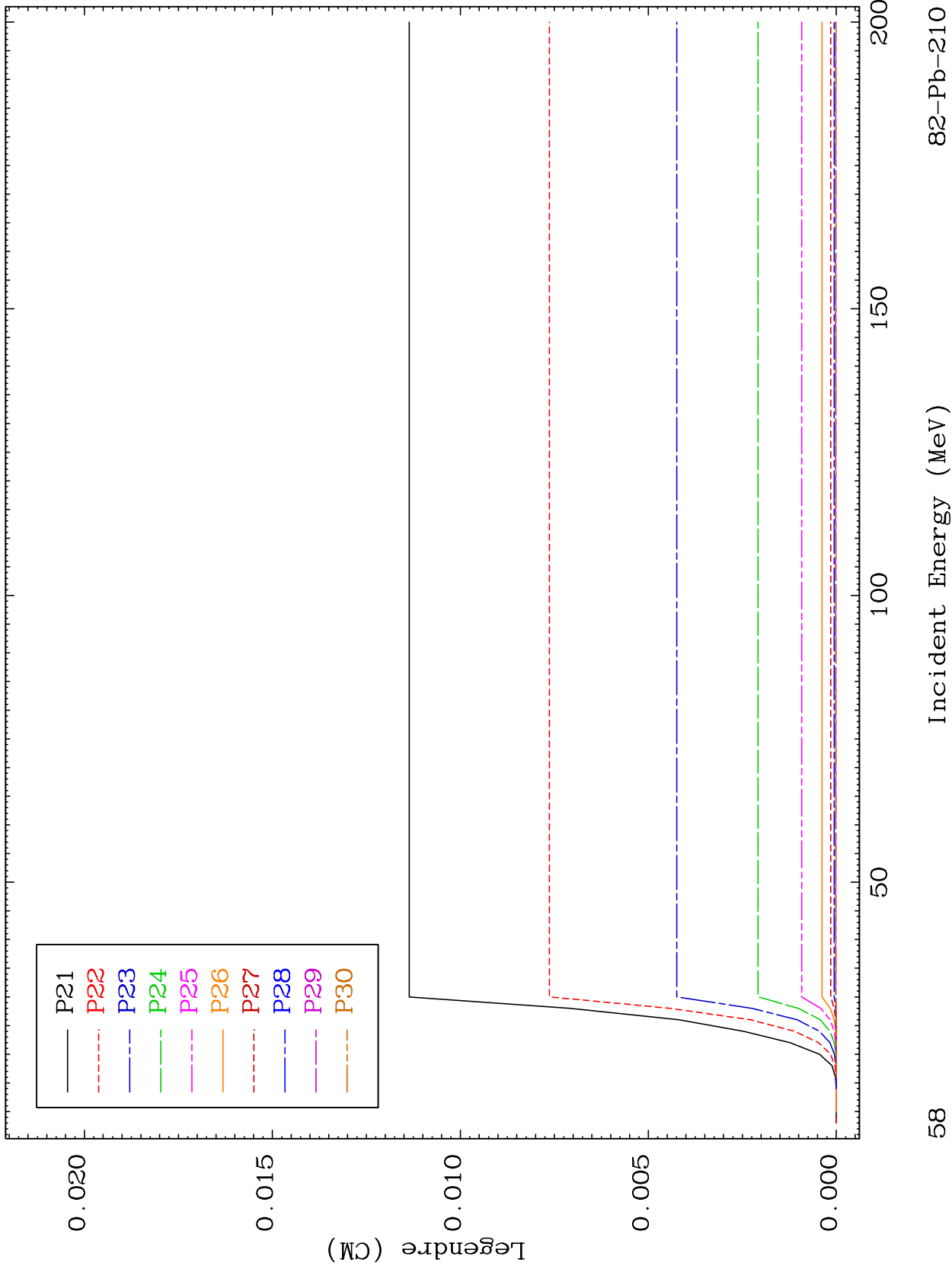
82-Pb-210



MAT 8243

2.209 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



58

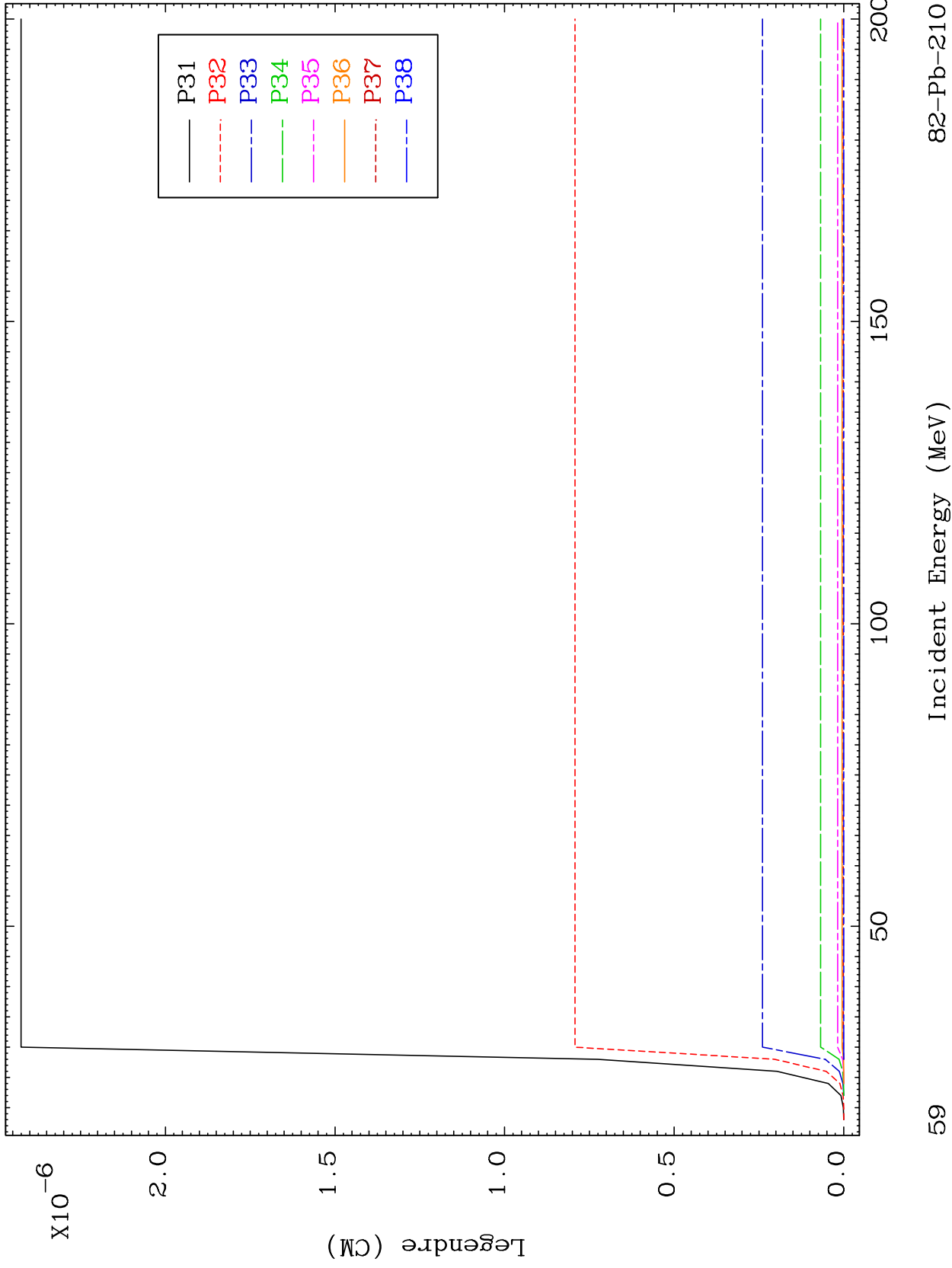
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.209 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



59

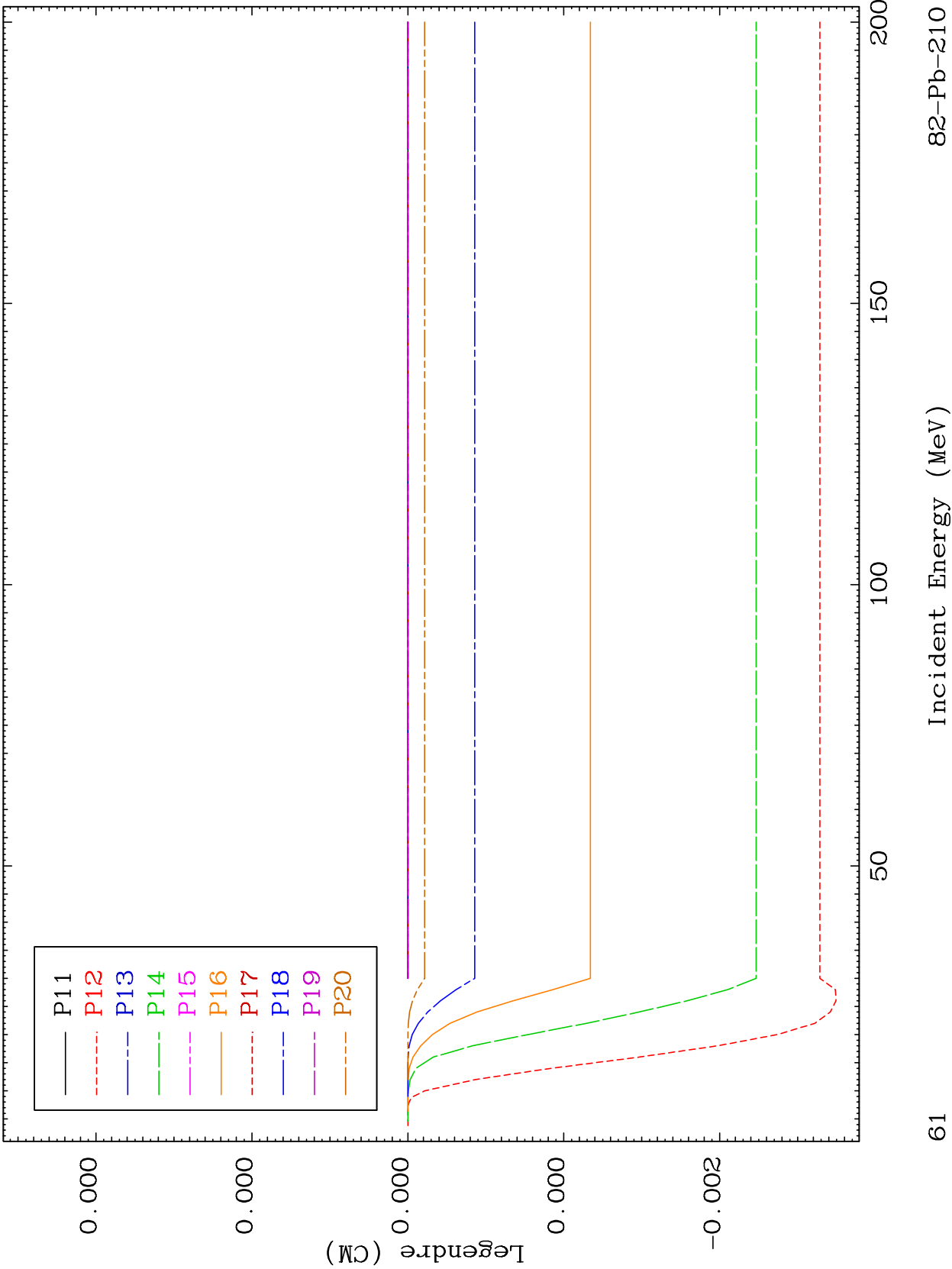
Incident Energy (MeV)

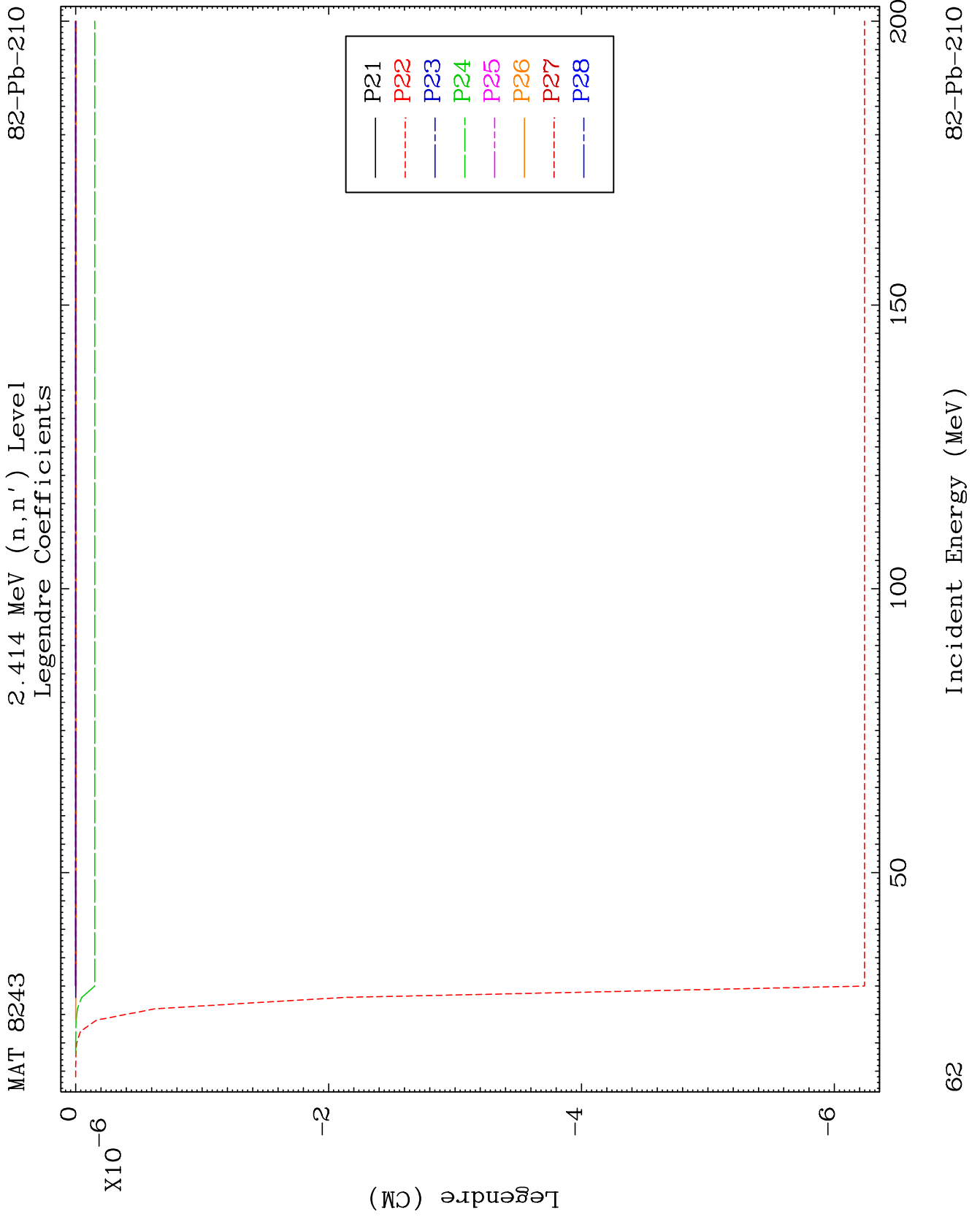
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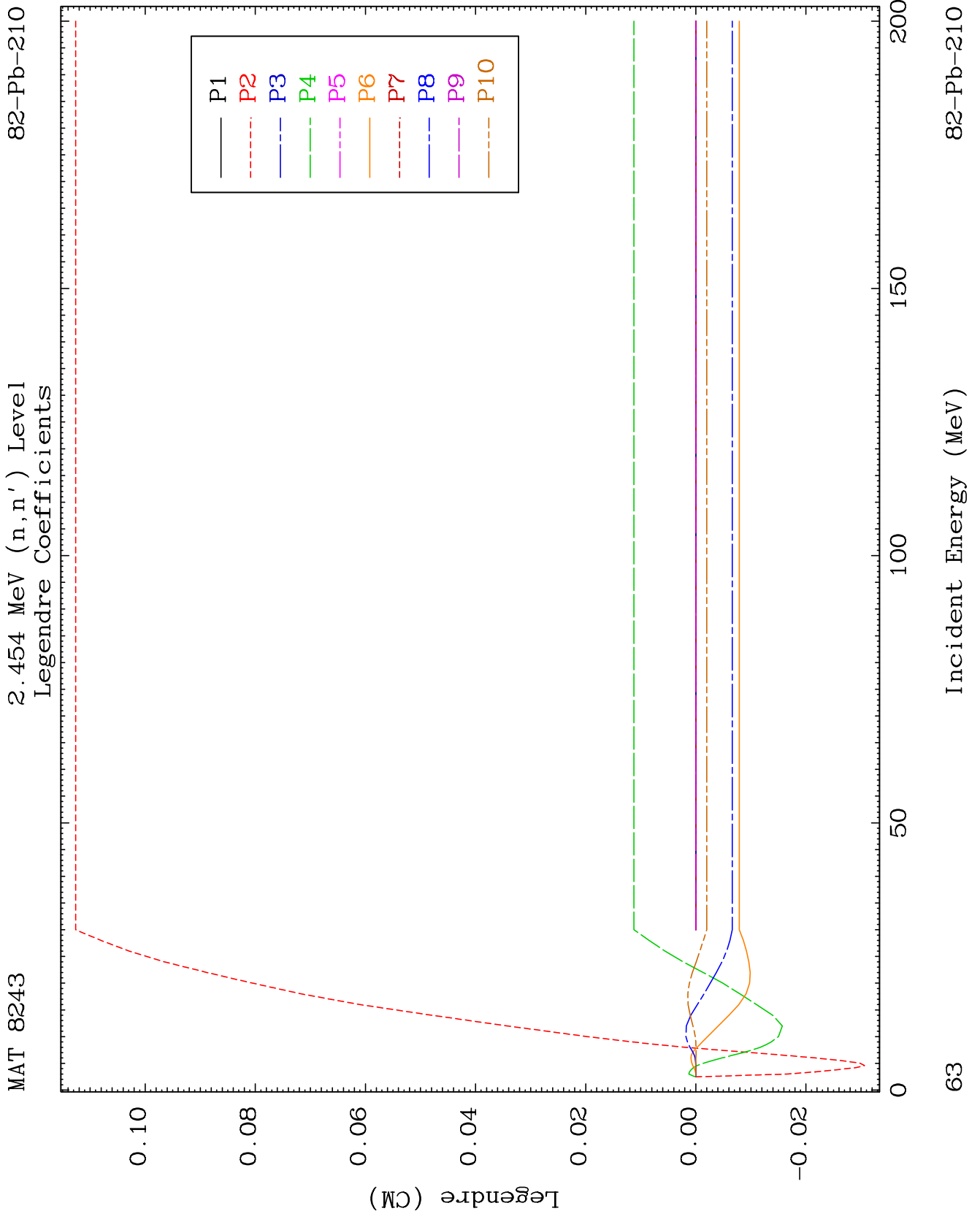
MAT 8243

2.414 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



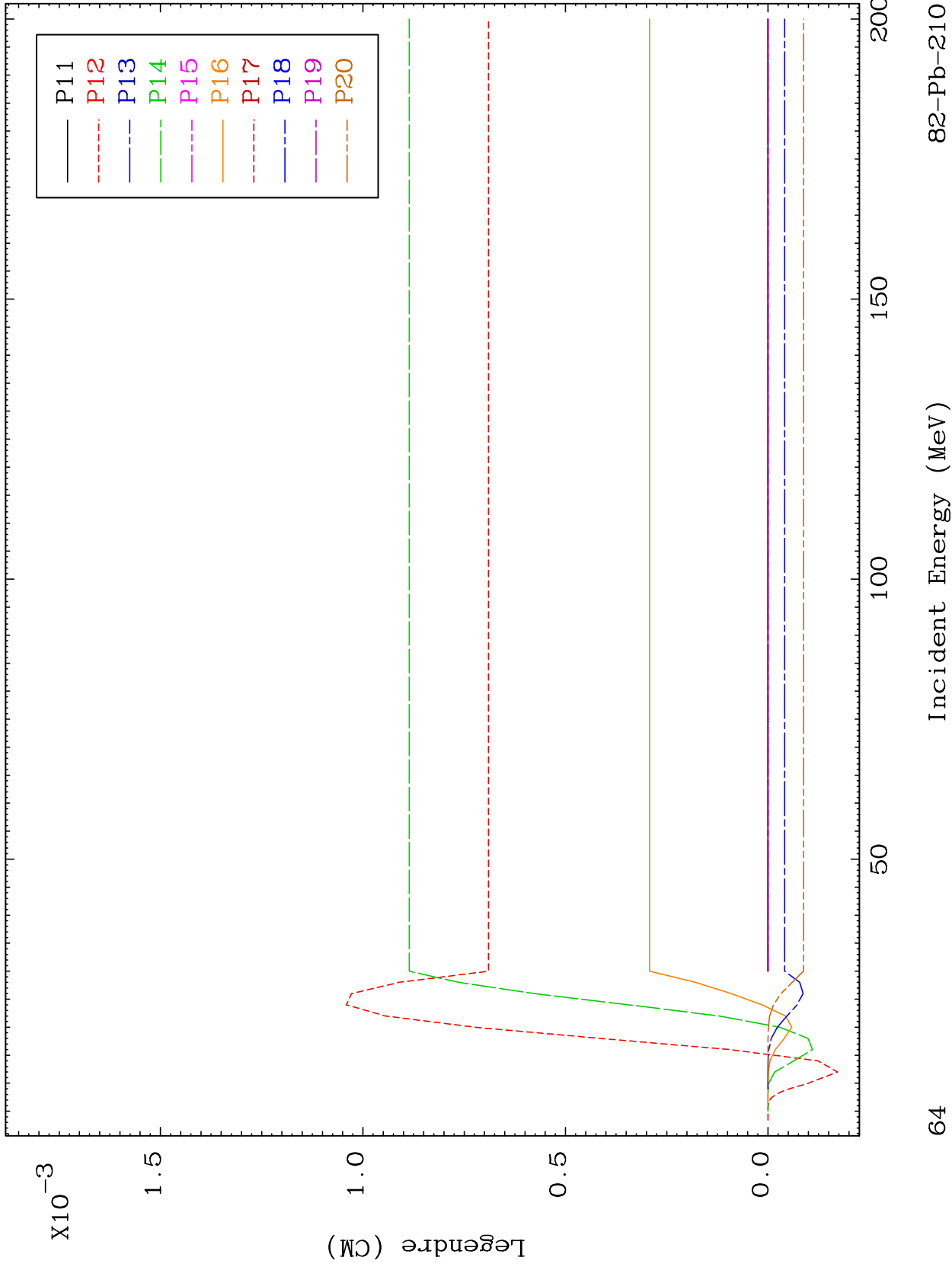




MAT 8243

2.454 MeV (n,n') Level
Legendre Coefficients

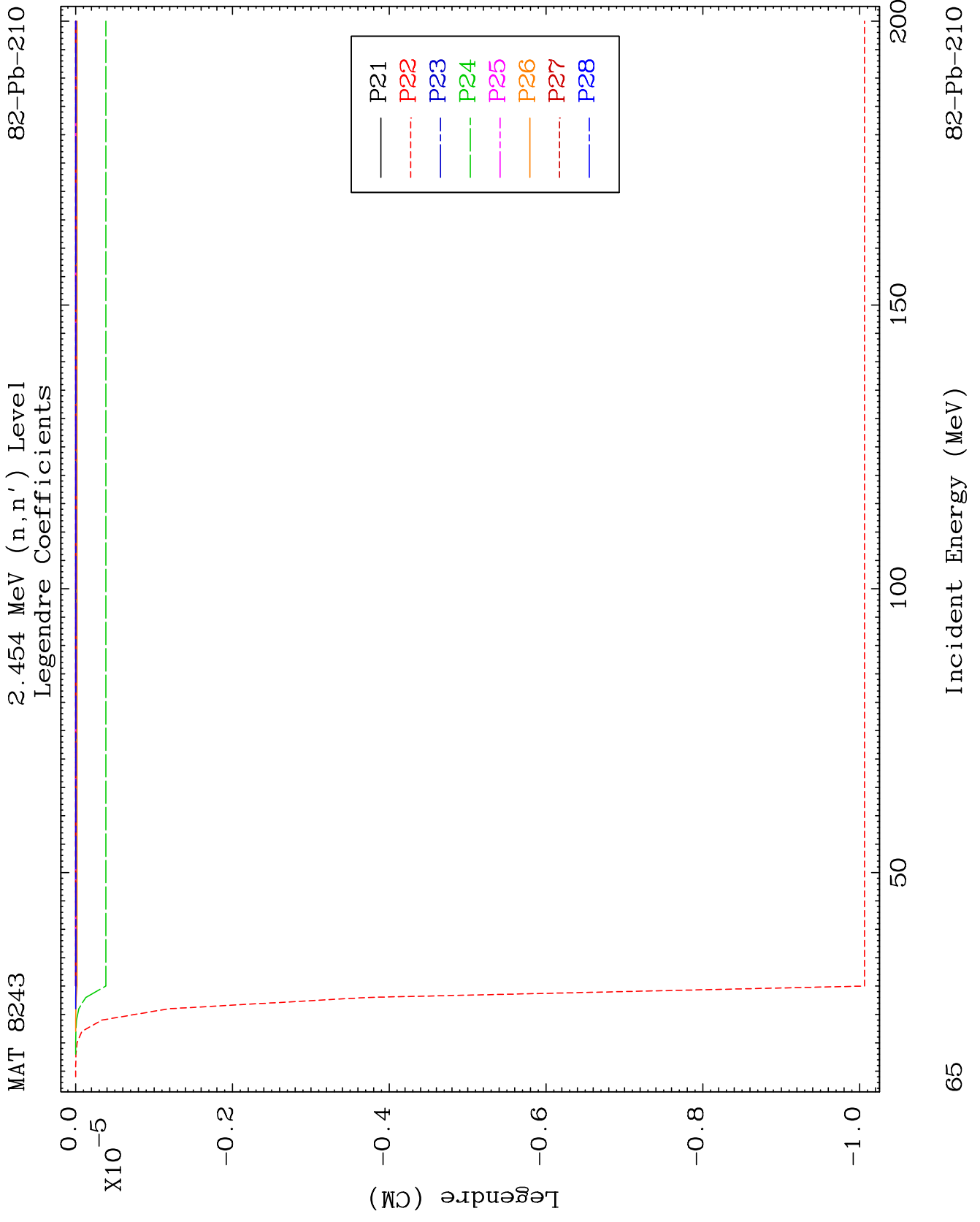
82-Pb-210



64

Incident Energy (MeV)

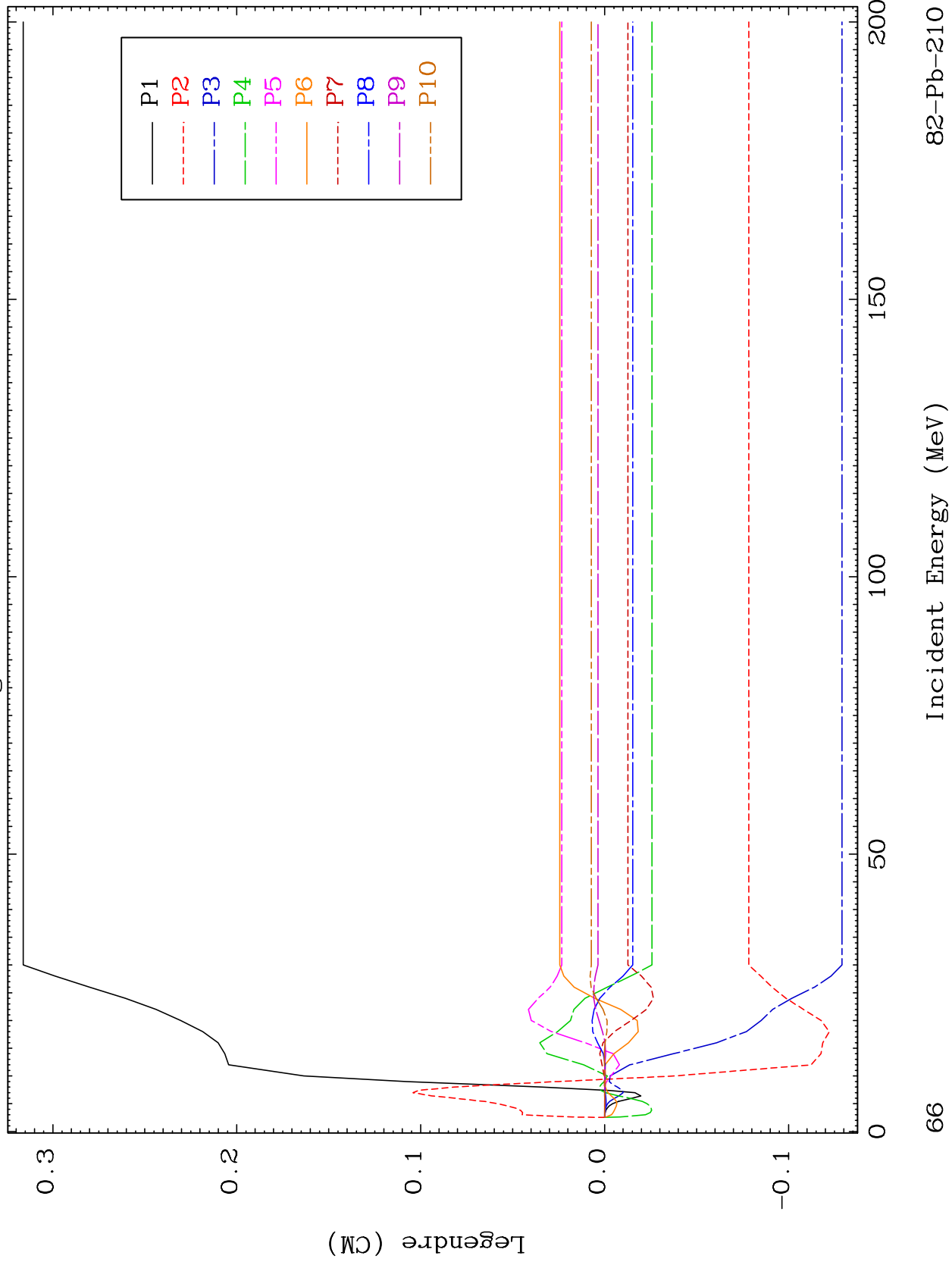
82-Pb-210



MAT 8243

2.512 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



66

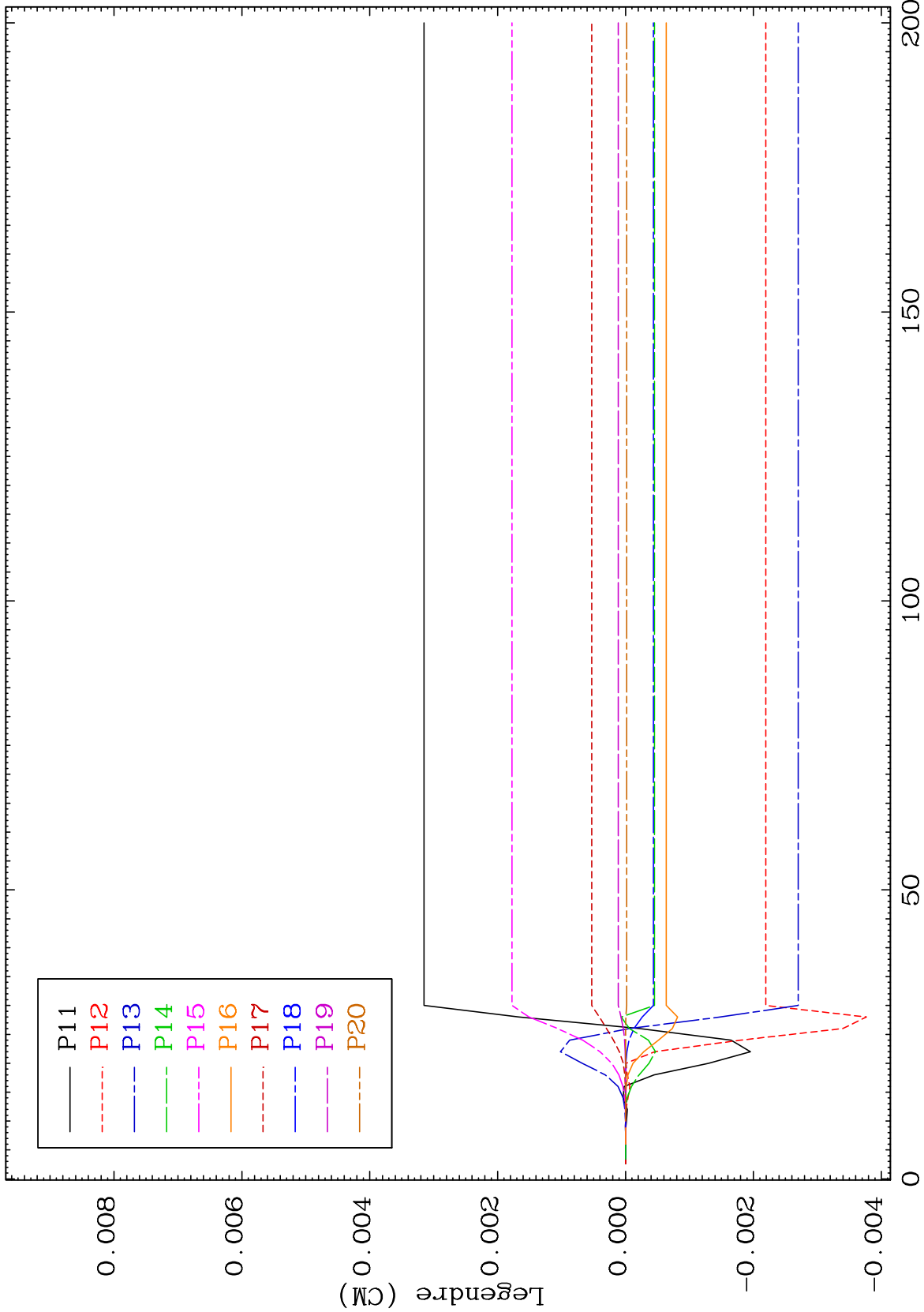
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.512 MeV (n, n') Level
Legendre Coefficients

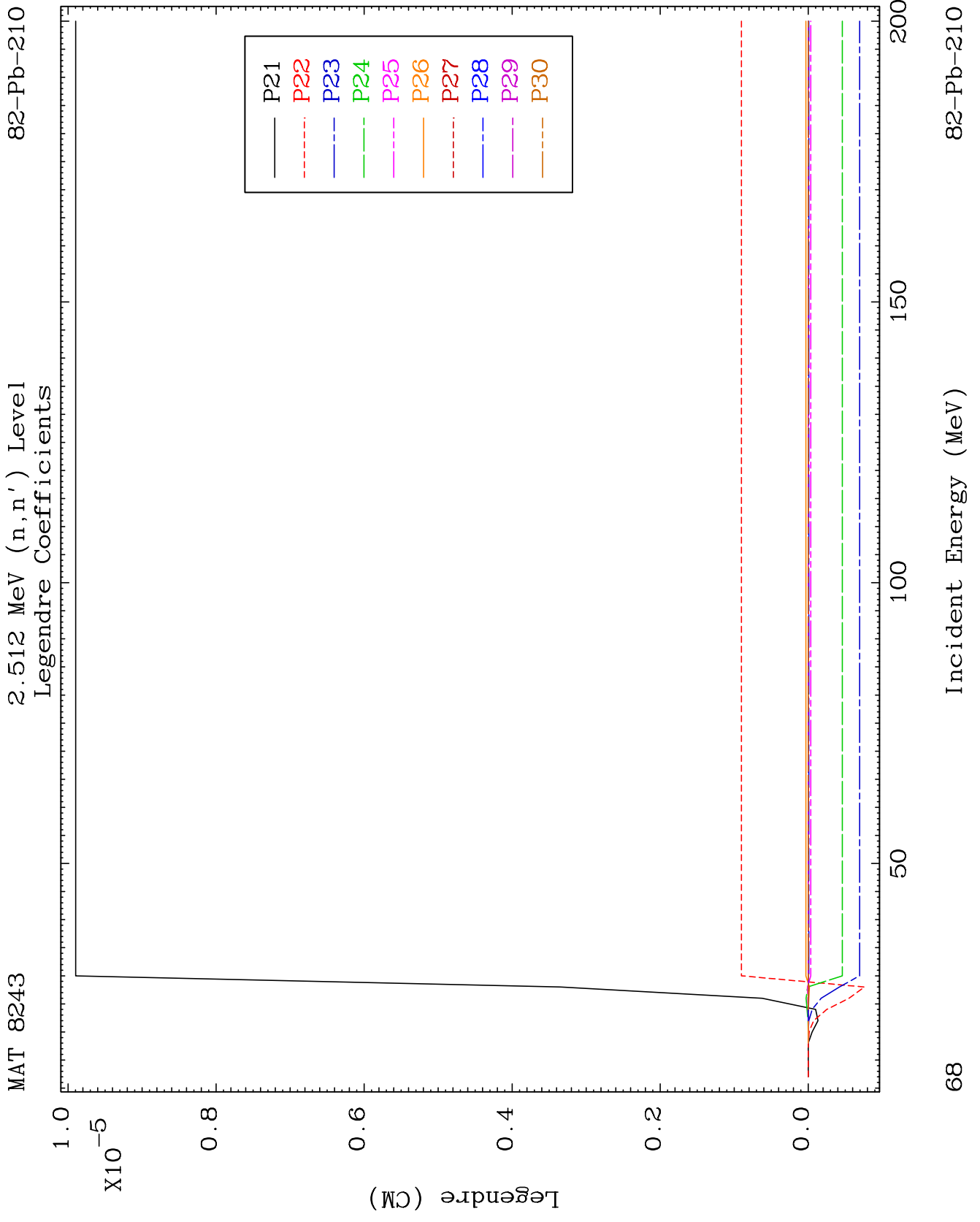
82-Pb-210



67

Incident Energy (MeV)

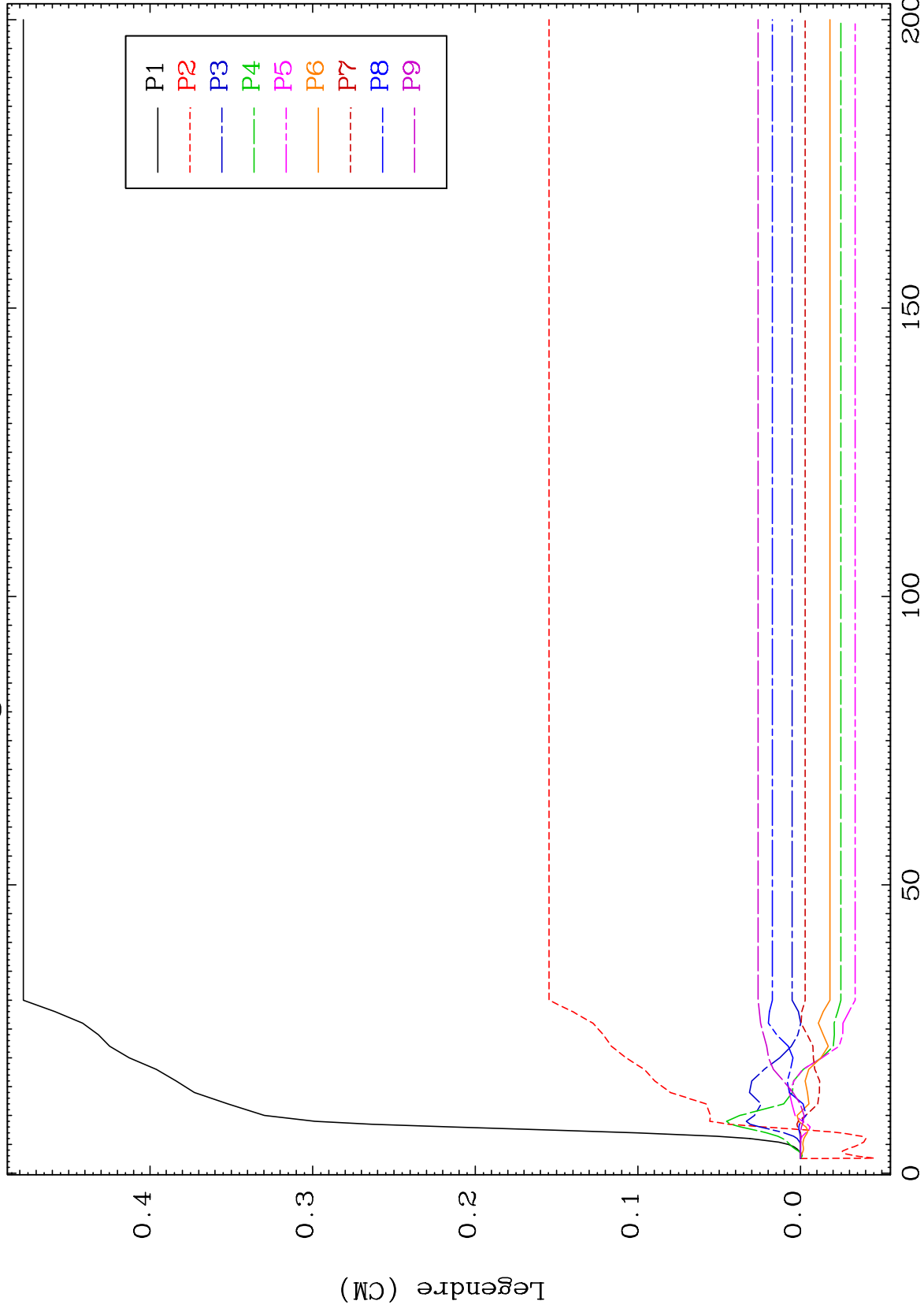
82-Pb-210



MAT 8243

2.518 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



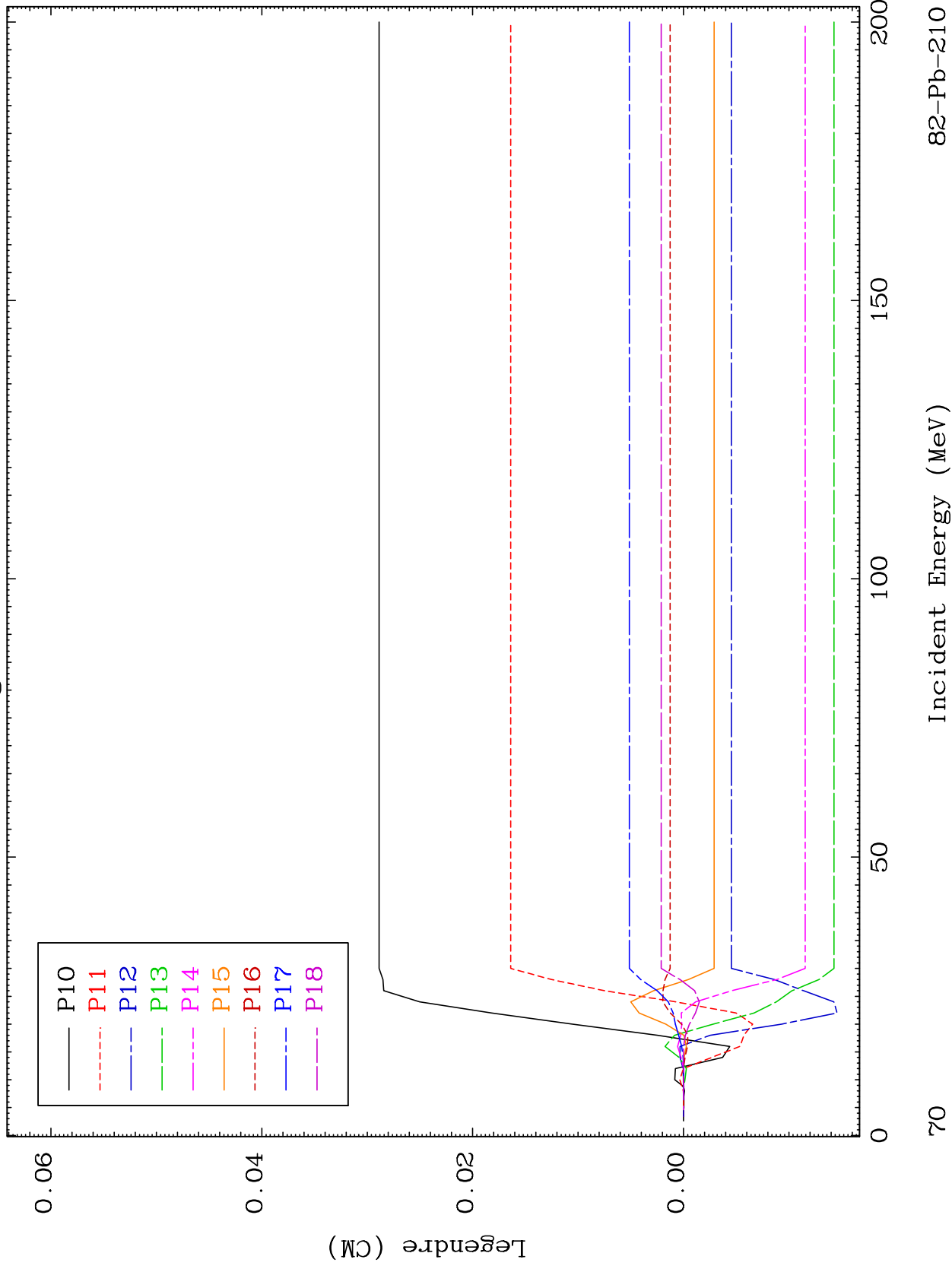
69

82-Pb-210

MAT 8243

2.518 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



82-Pb-210

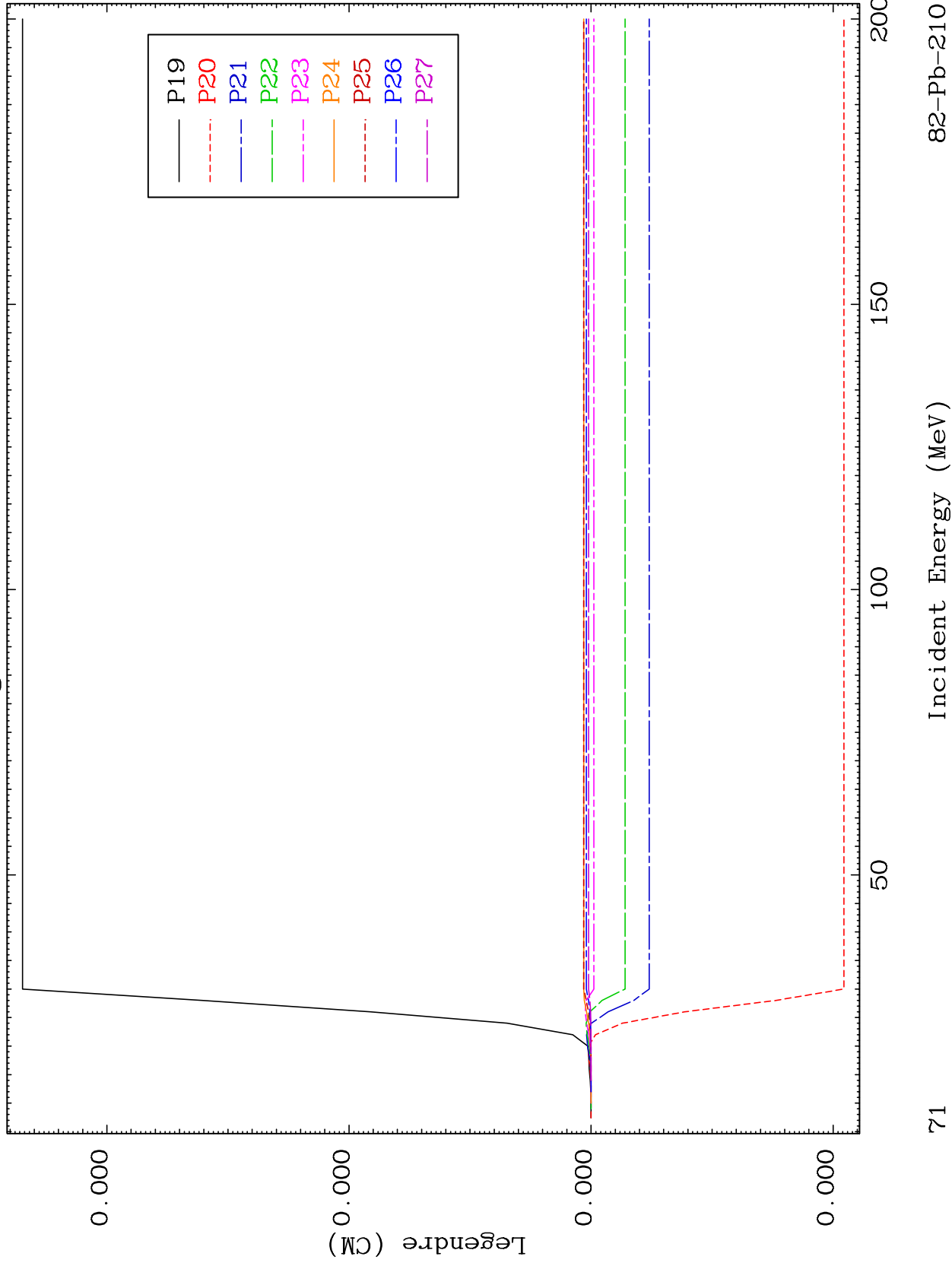
Incident Energy (MeV)

70

MAT 8243

2.518 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



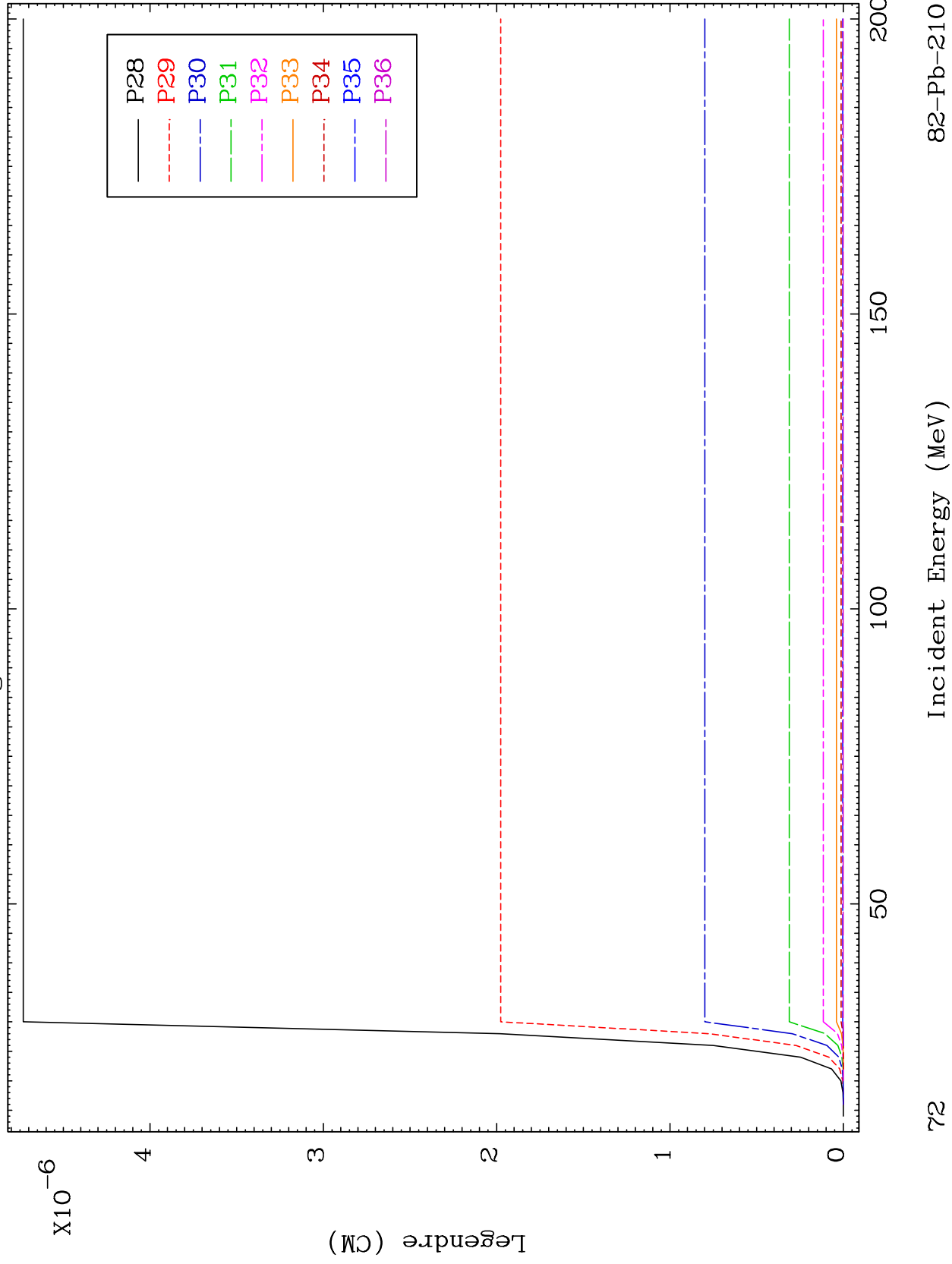
71

82-Pb-210

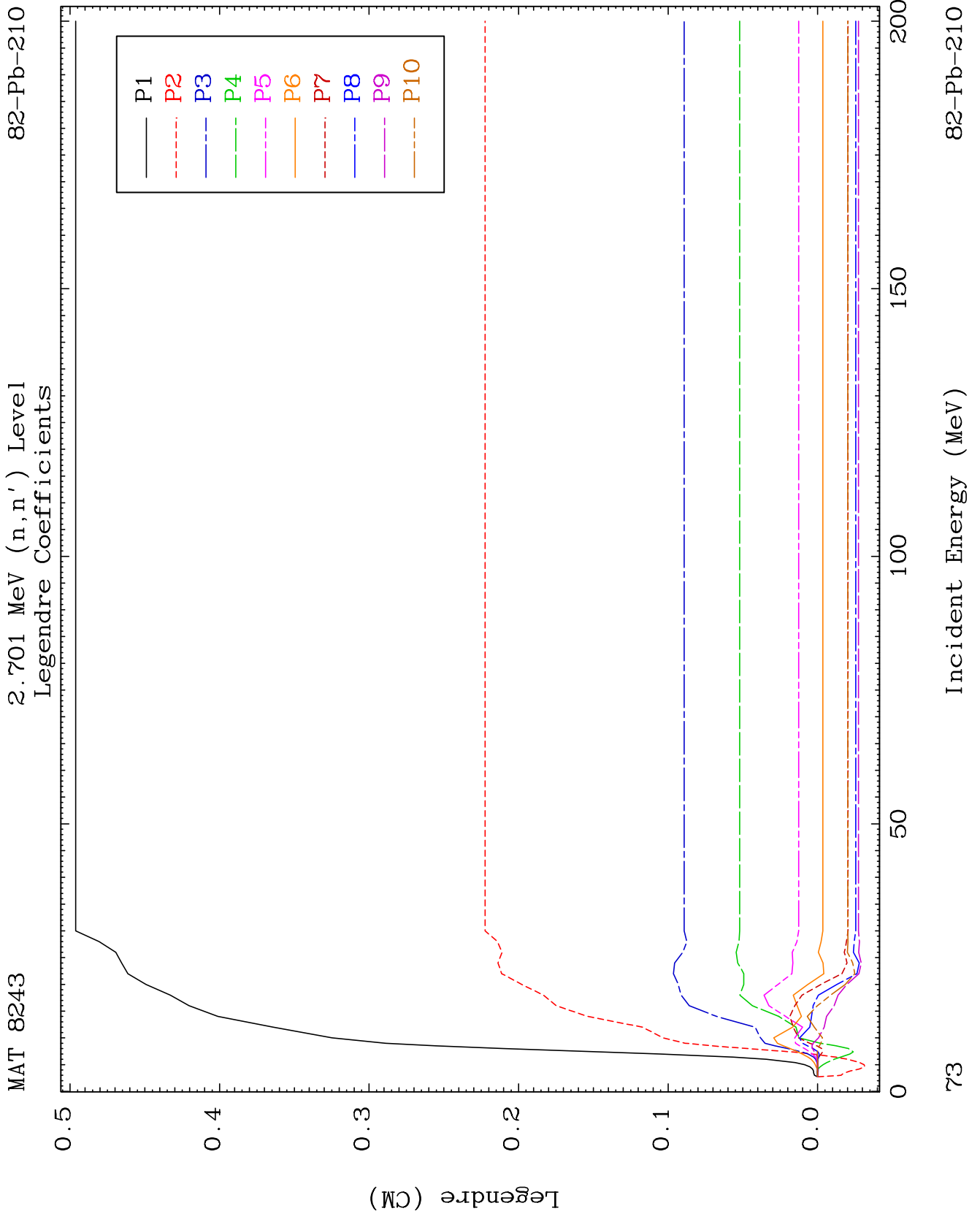
MAT 8243

2.518 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



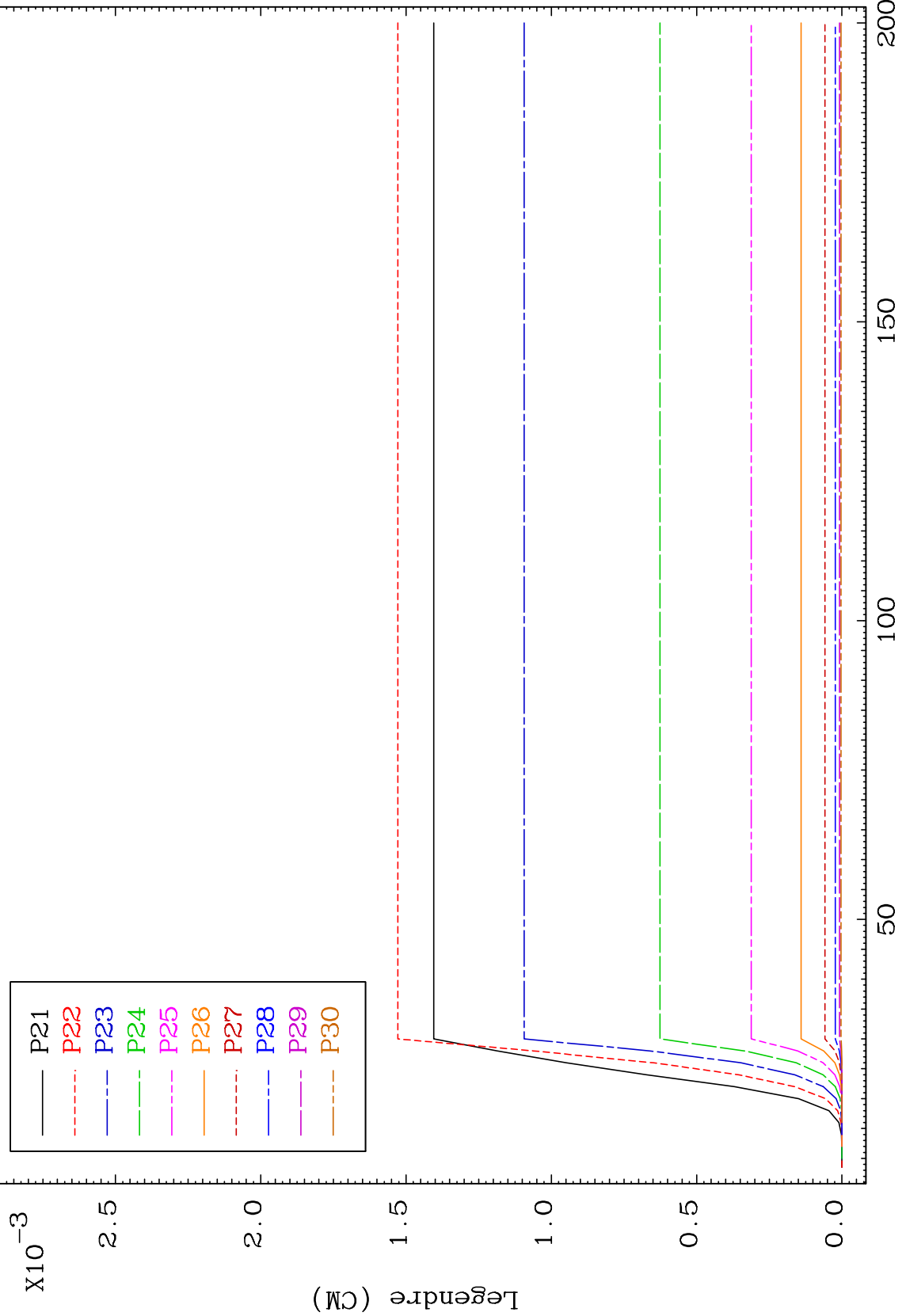
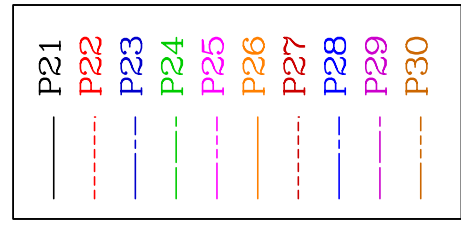
72



MAT 8243

2.701 MeV (n,n') Level
Legendre Coefficients

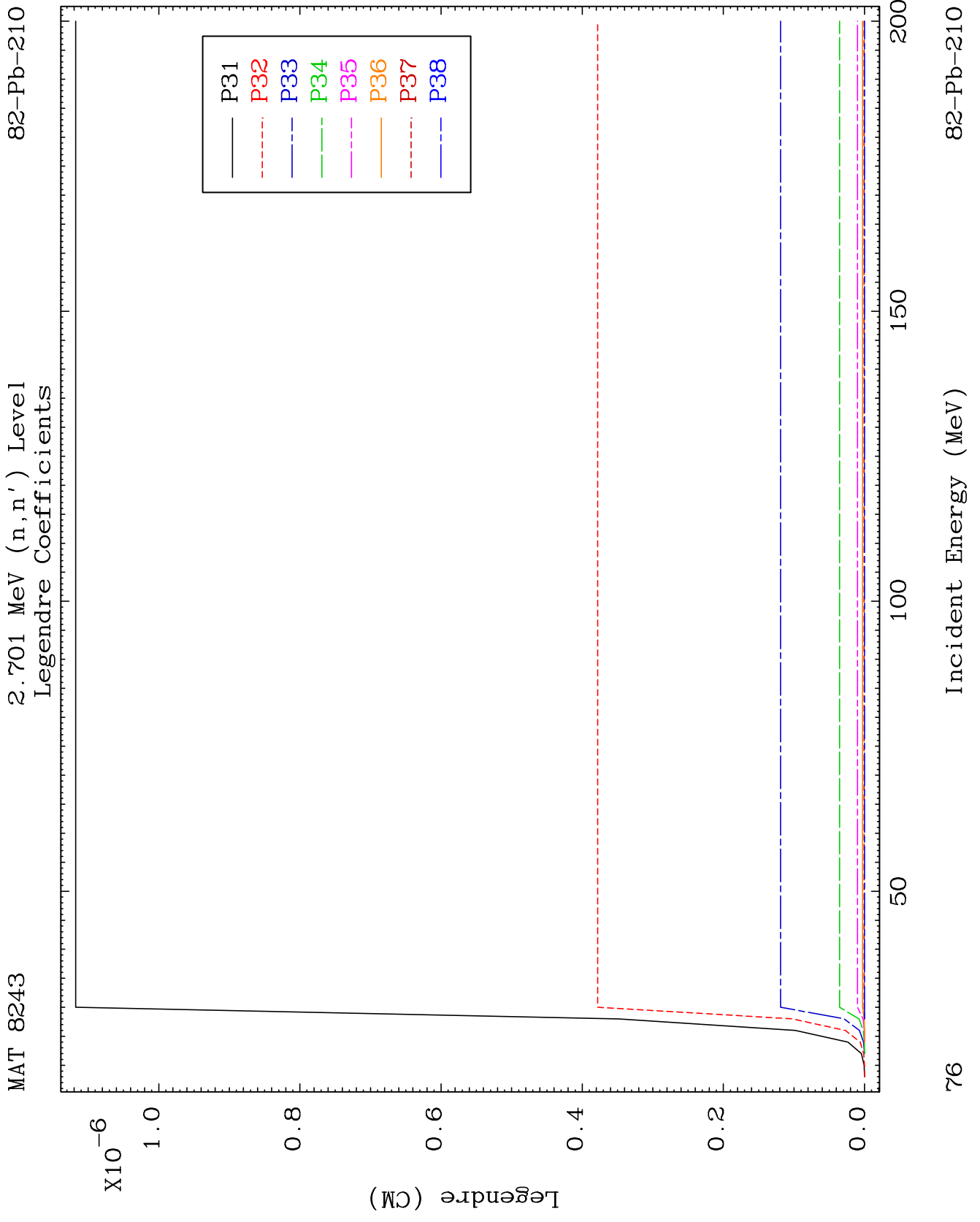
82-Pb-210



75

Incident Energy (MeV)

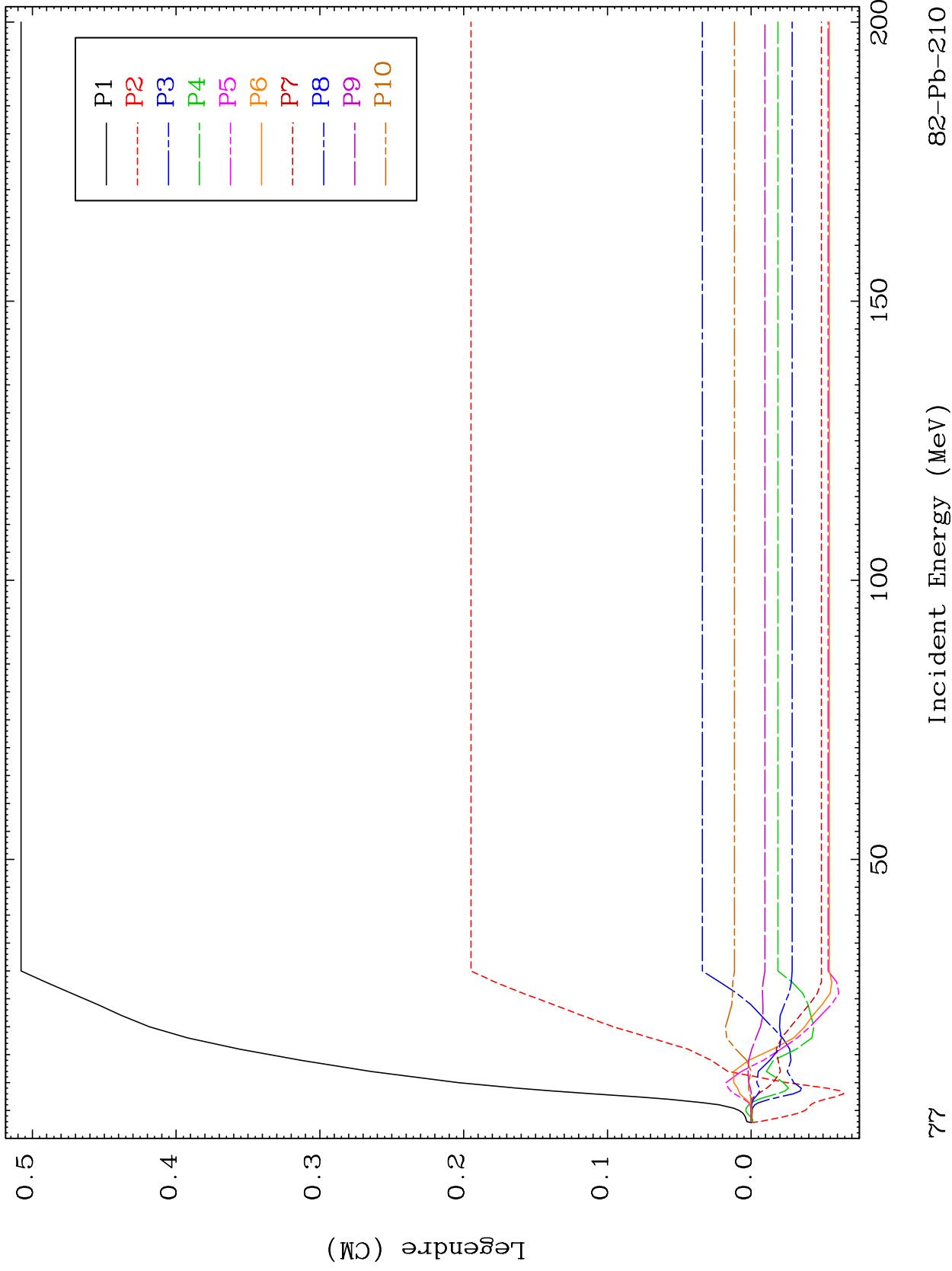
82-Pb-210



MAT 8243

2.790 MeV (n,n') Level
Legendre Coefficients

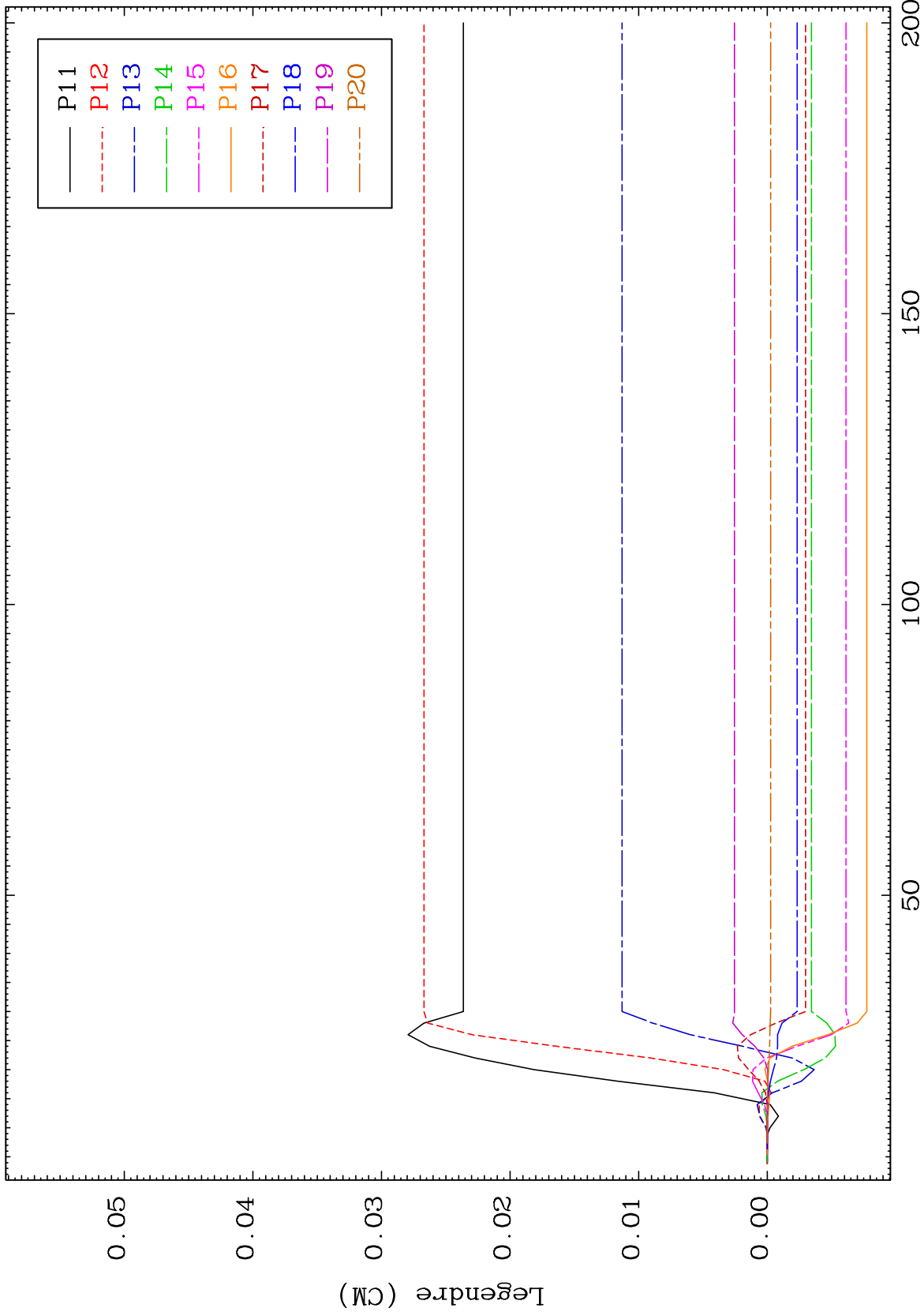
82-Pb-210



MAT 8243

2.790 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



78

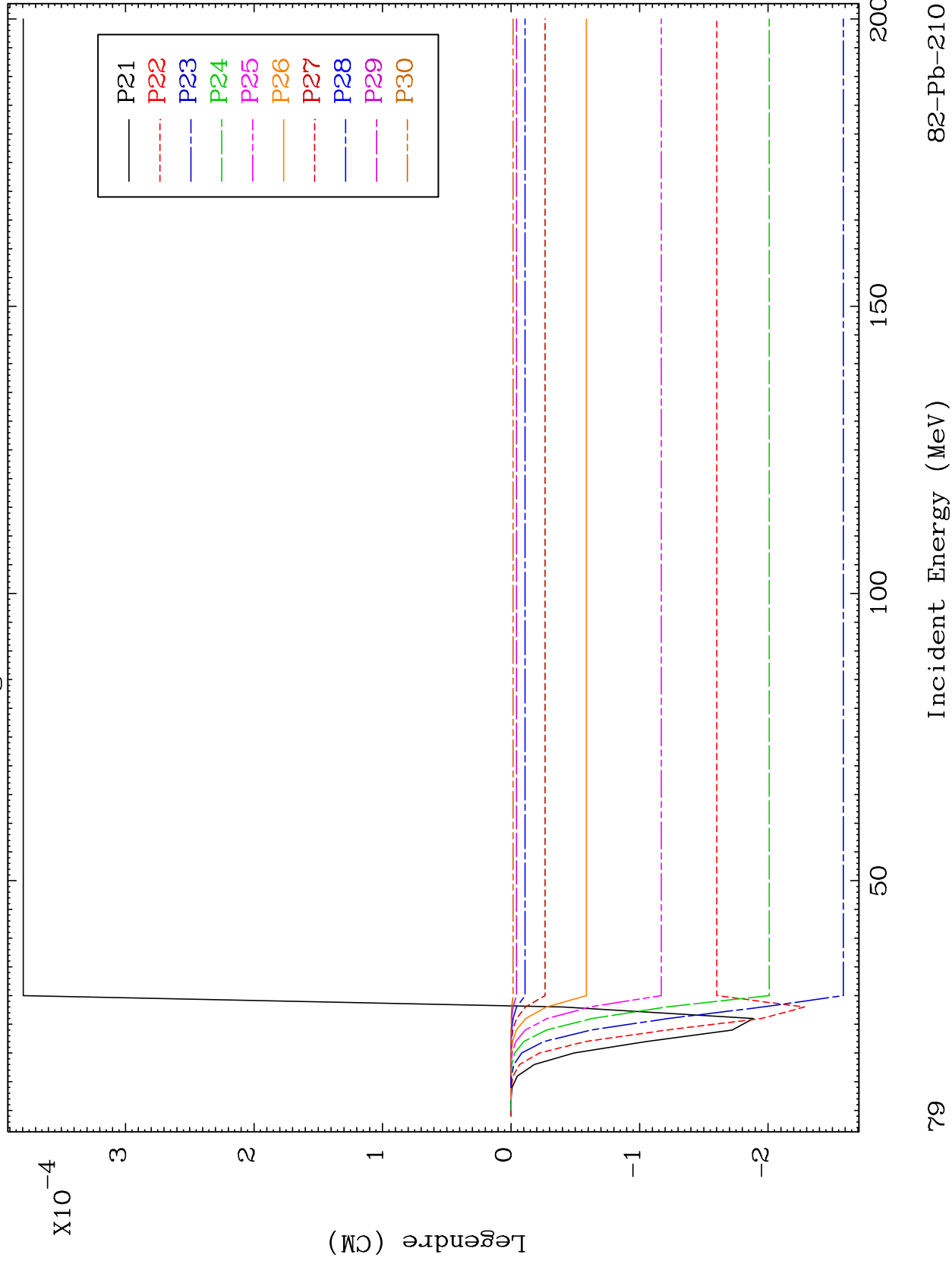
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.790 MeV (n,n') Level
Legendre Coefficients

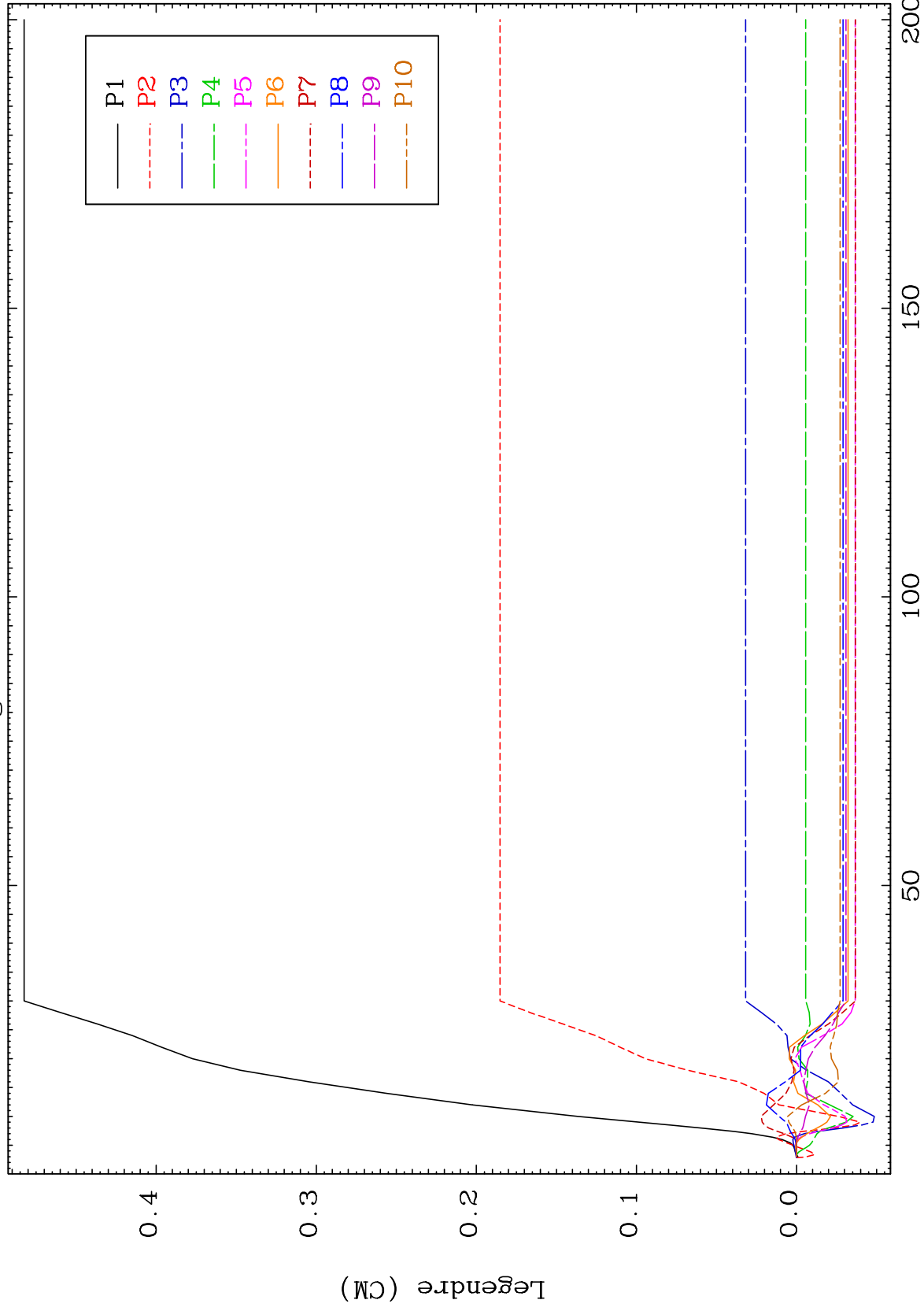
82-Pb-210



MAT 8243

2.828 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



81

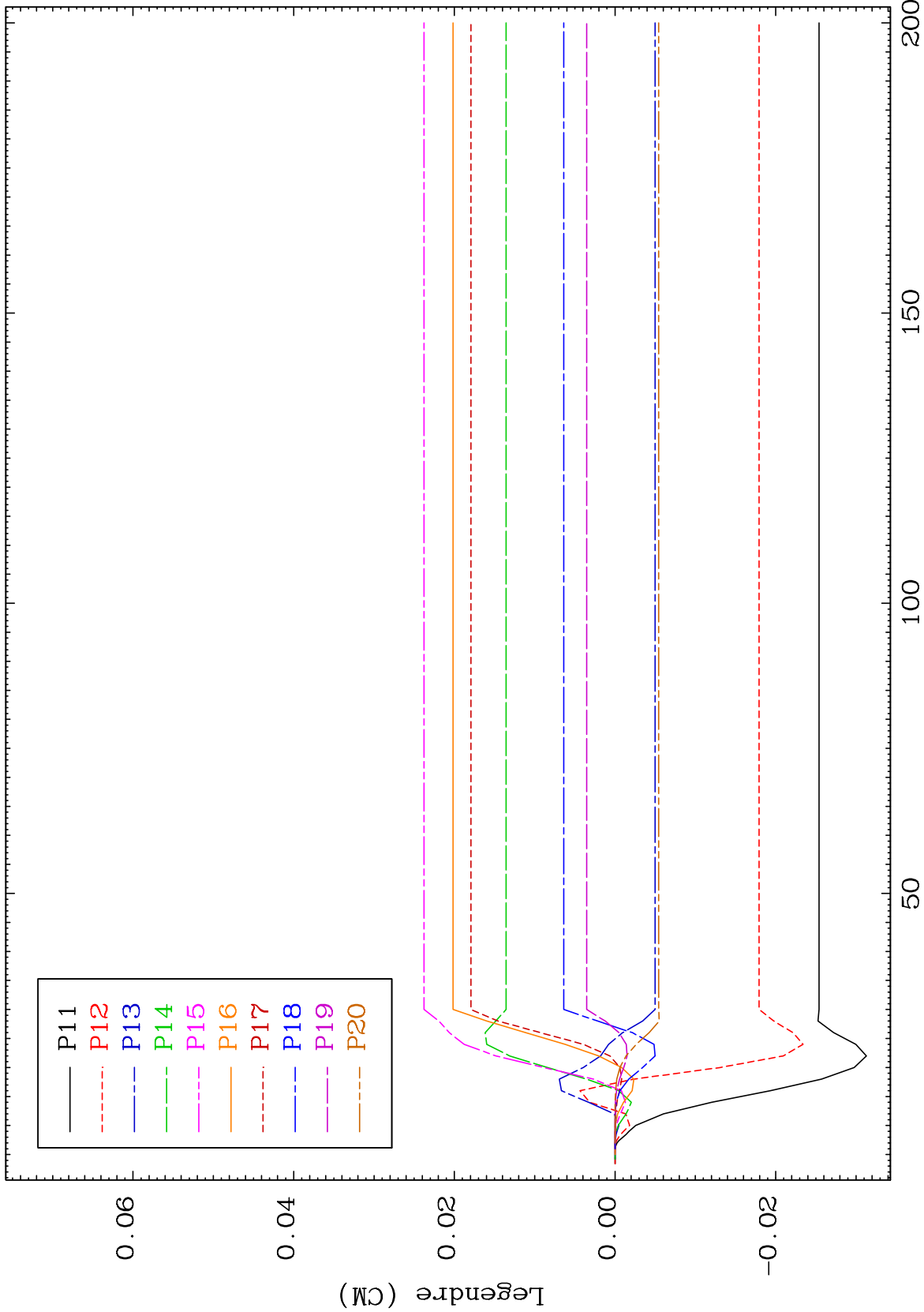
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.828 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



82

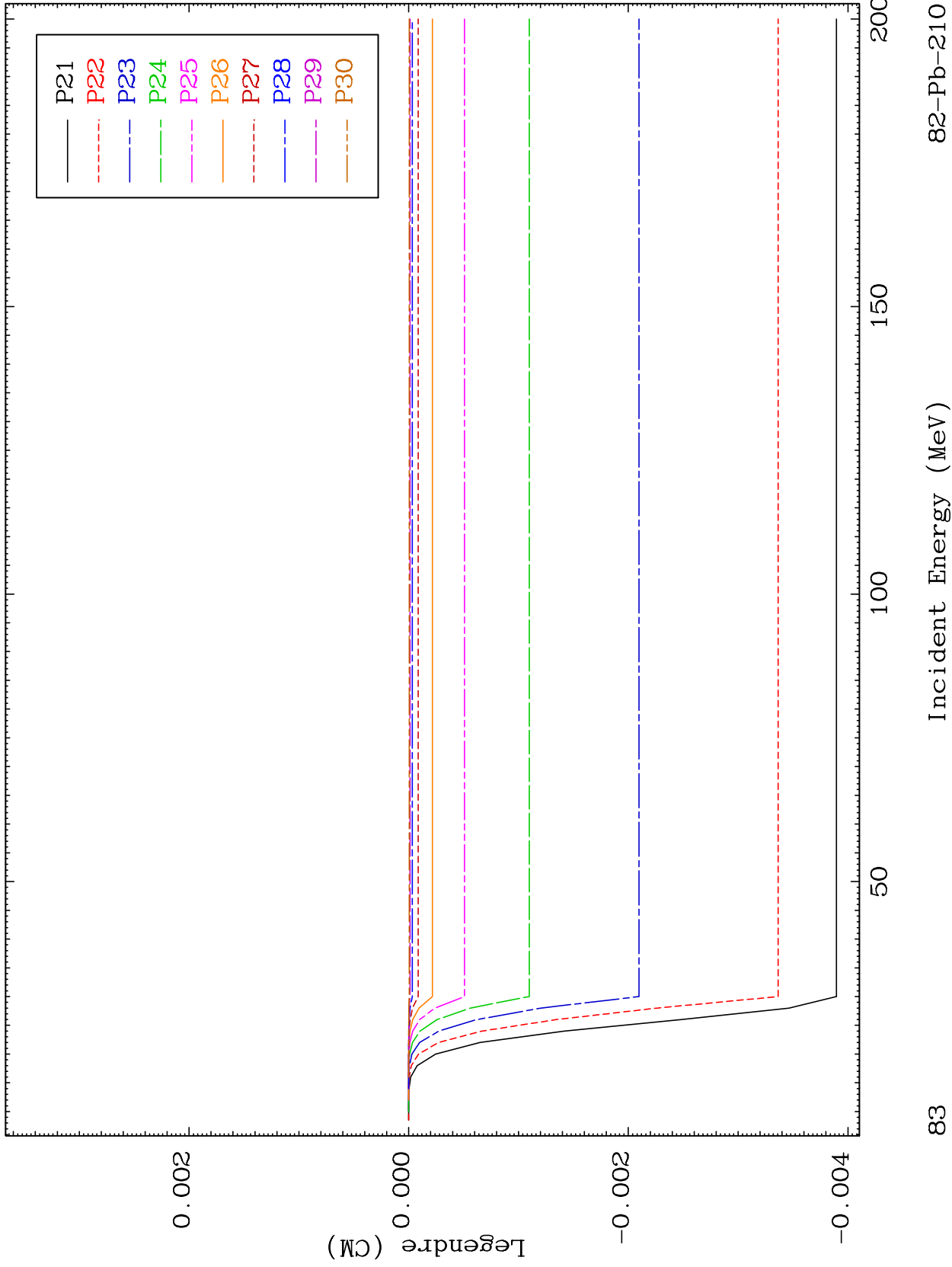
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.828 MeV (n,n') Level
Legendre Coefficients

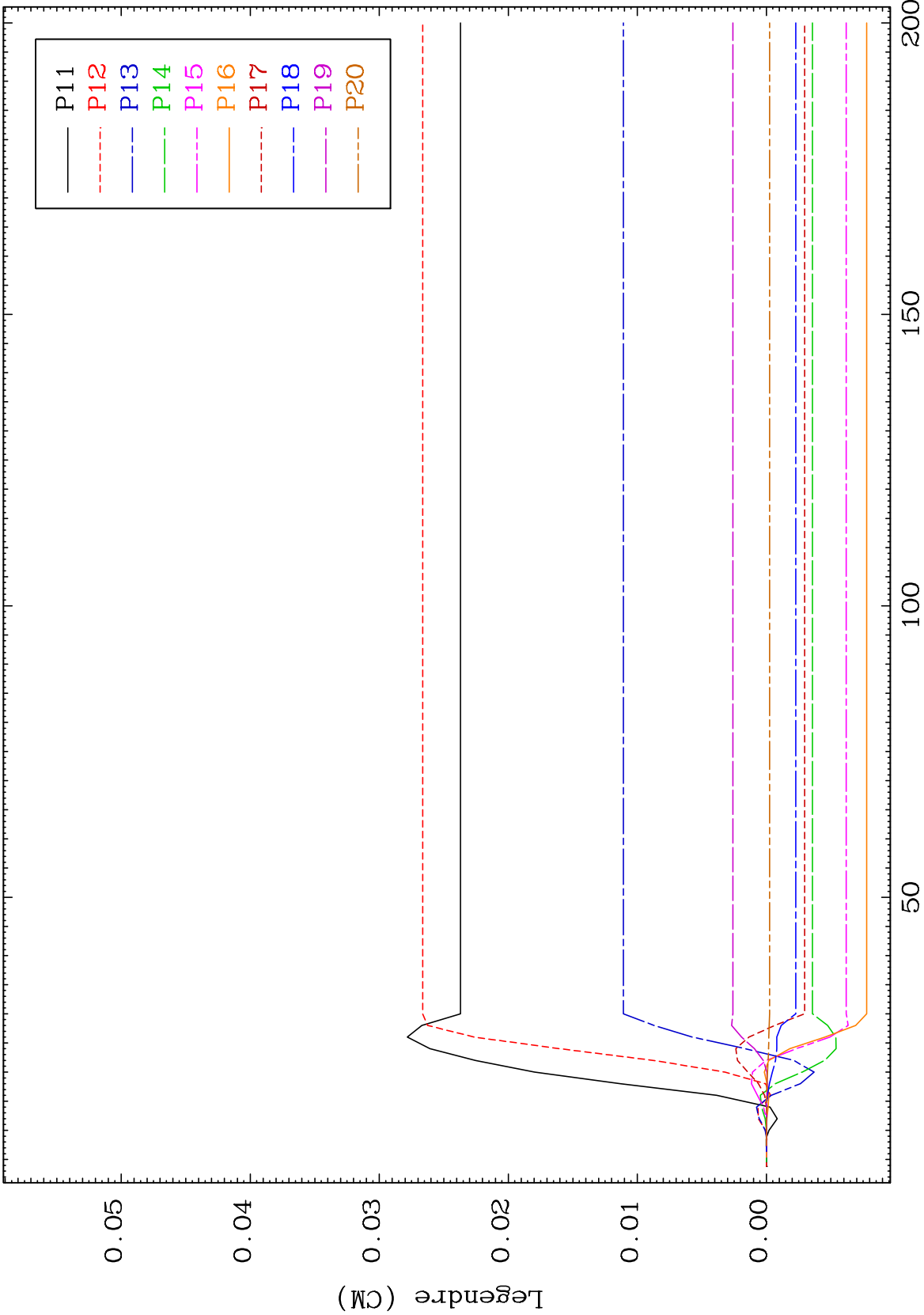
82-Pb-210



83

Incident Energy (MeV)

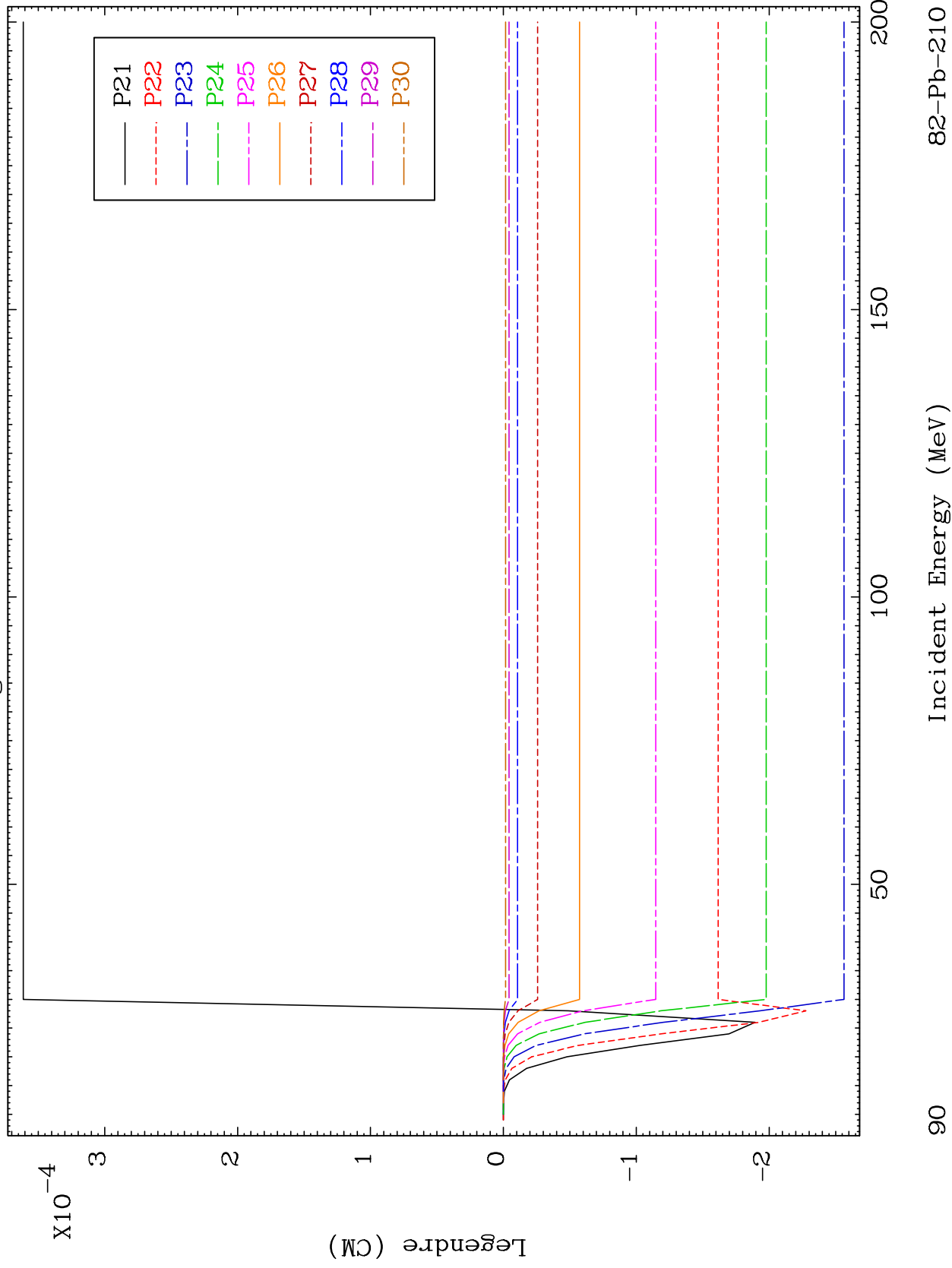
82-Pb-210

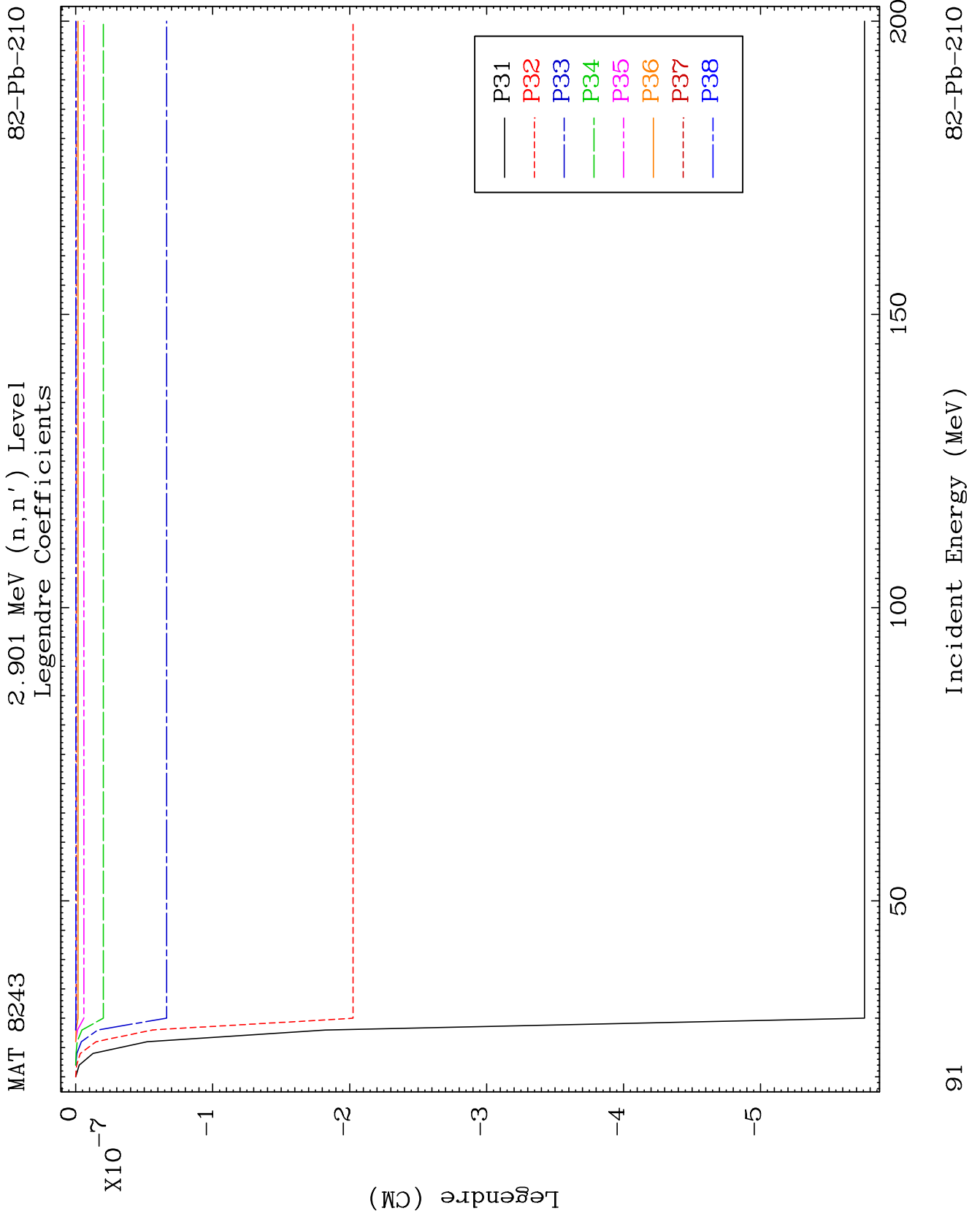


MAT 8243

2.901 MeV (n,n') Level
Legendre Coefficients

82-Pb-210

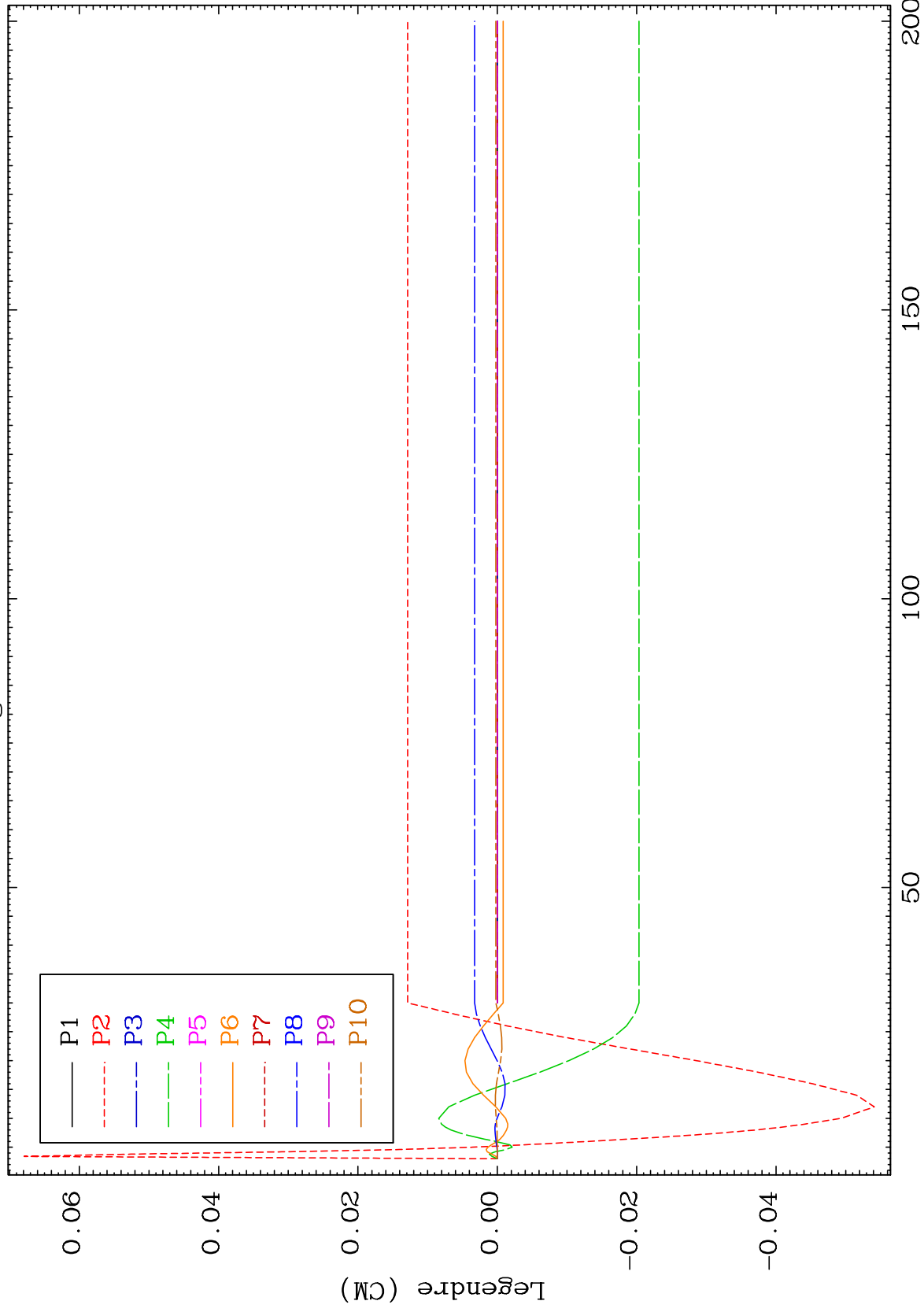




MAT 8243

2.986 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



92

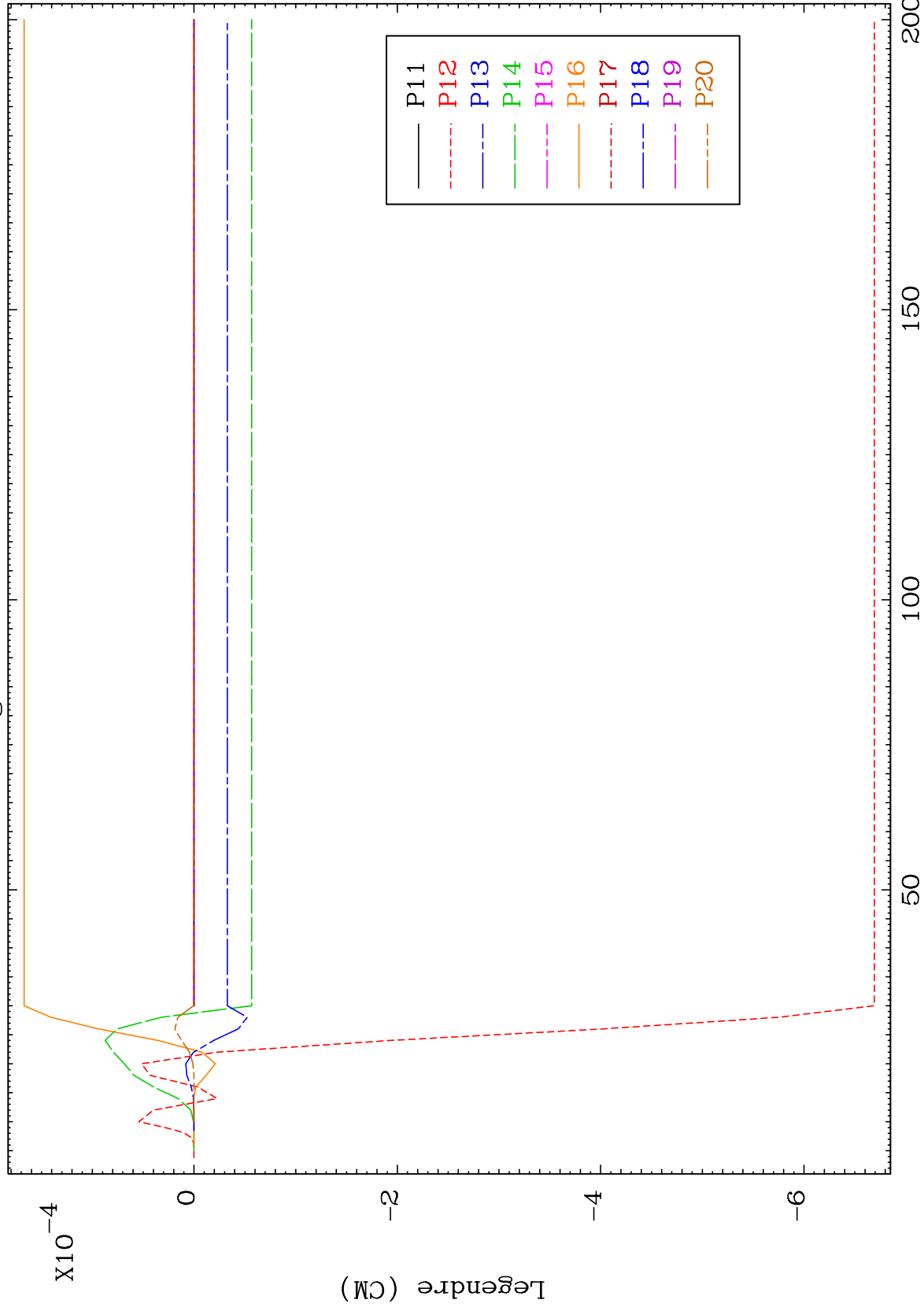
Incident Energy (MeV)

82-Pb-210

MAT 8243

2.986 MeV (n,n') Level
Legendre Coefficients

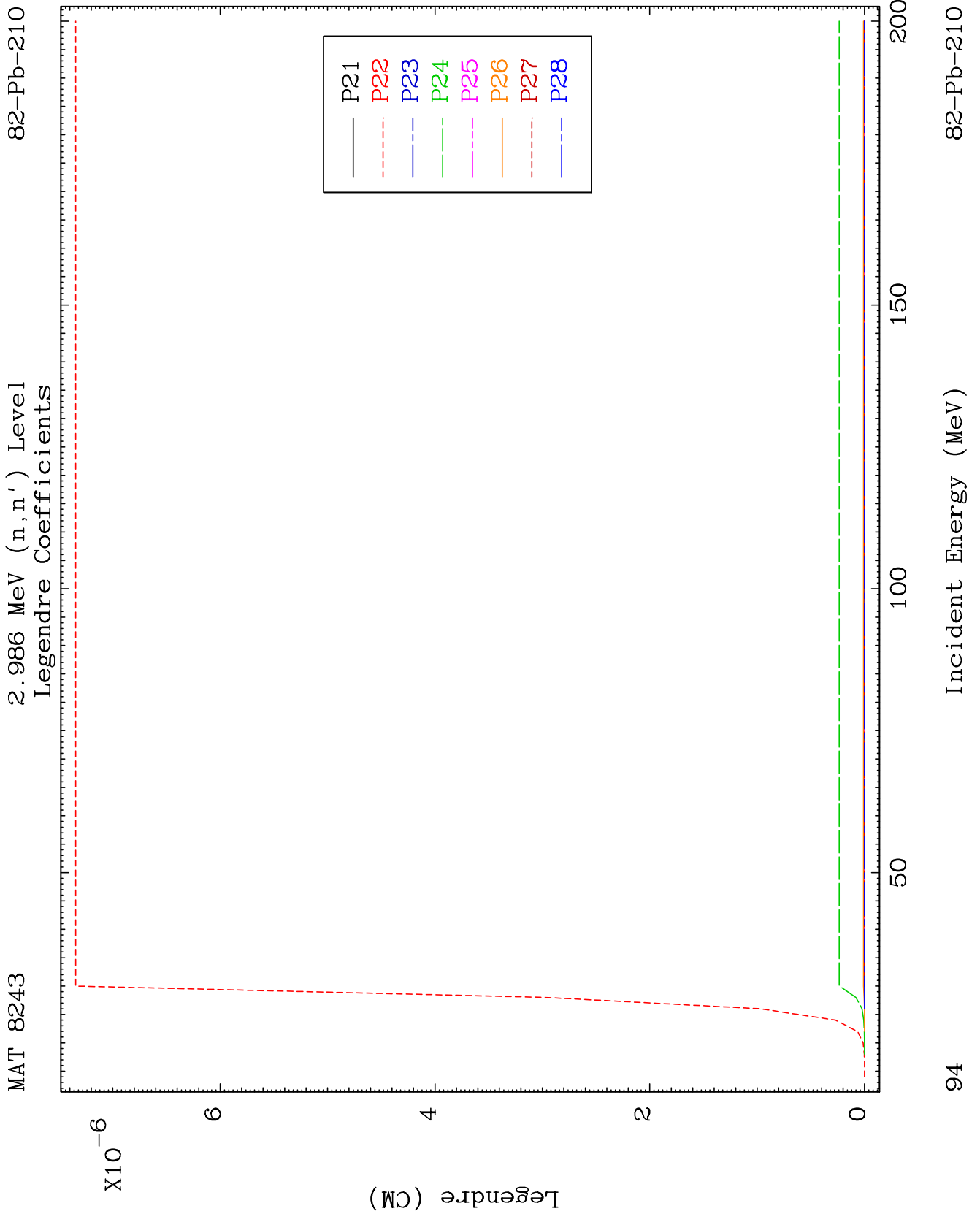
82-Pb-210

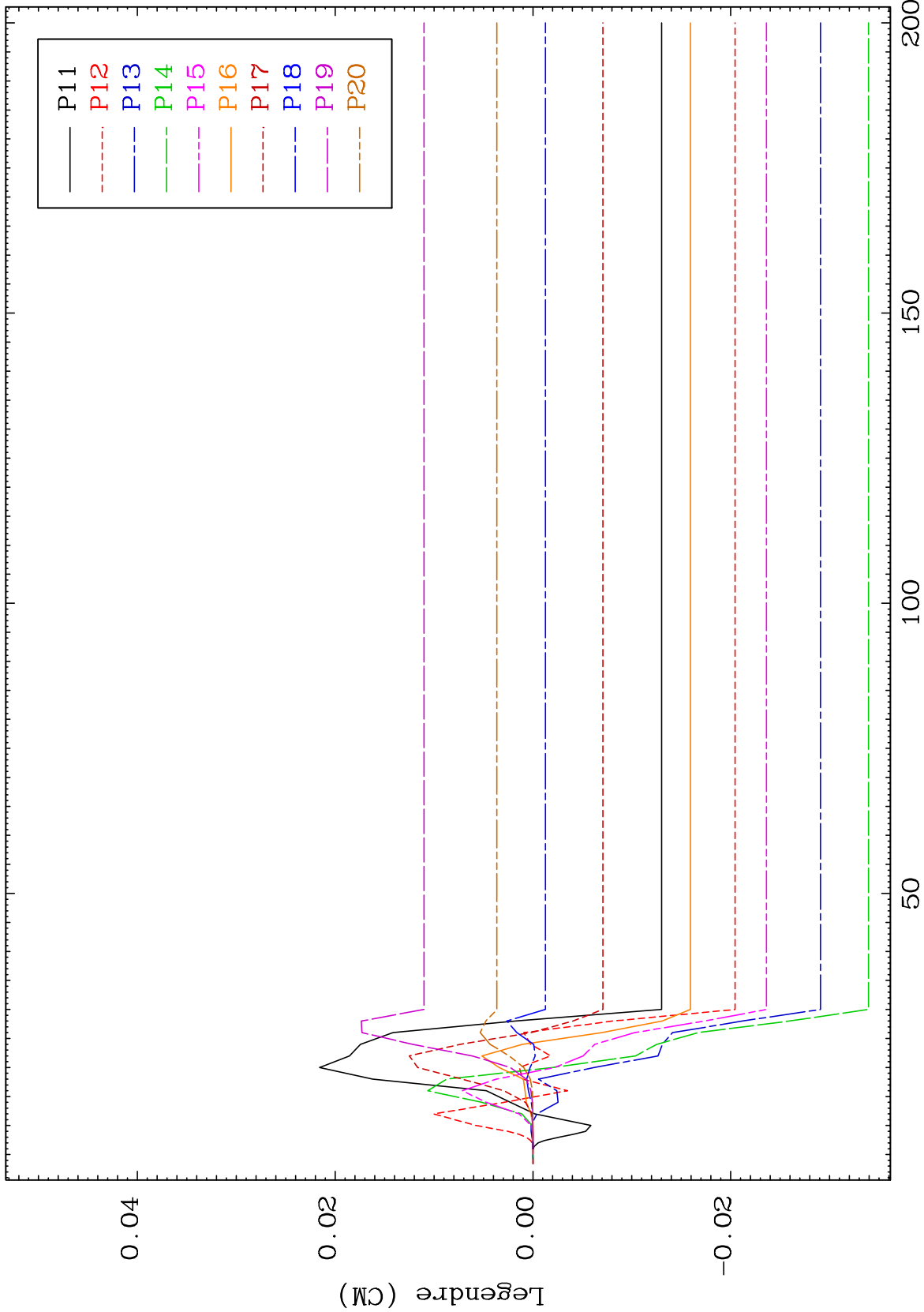


93

Incident Energy (MeV)

82-Pb-210

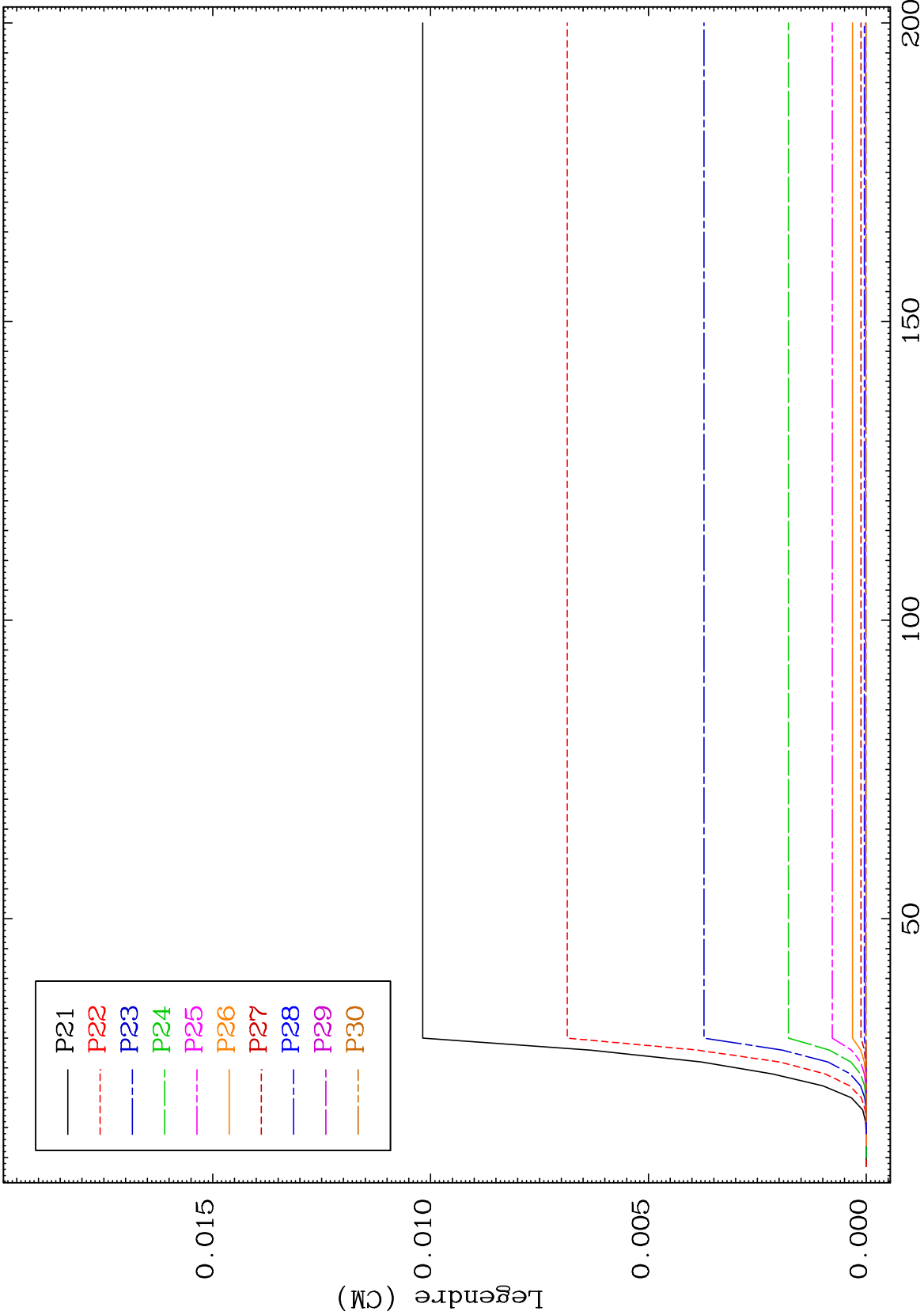




MAT 8243

3.070 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



97

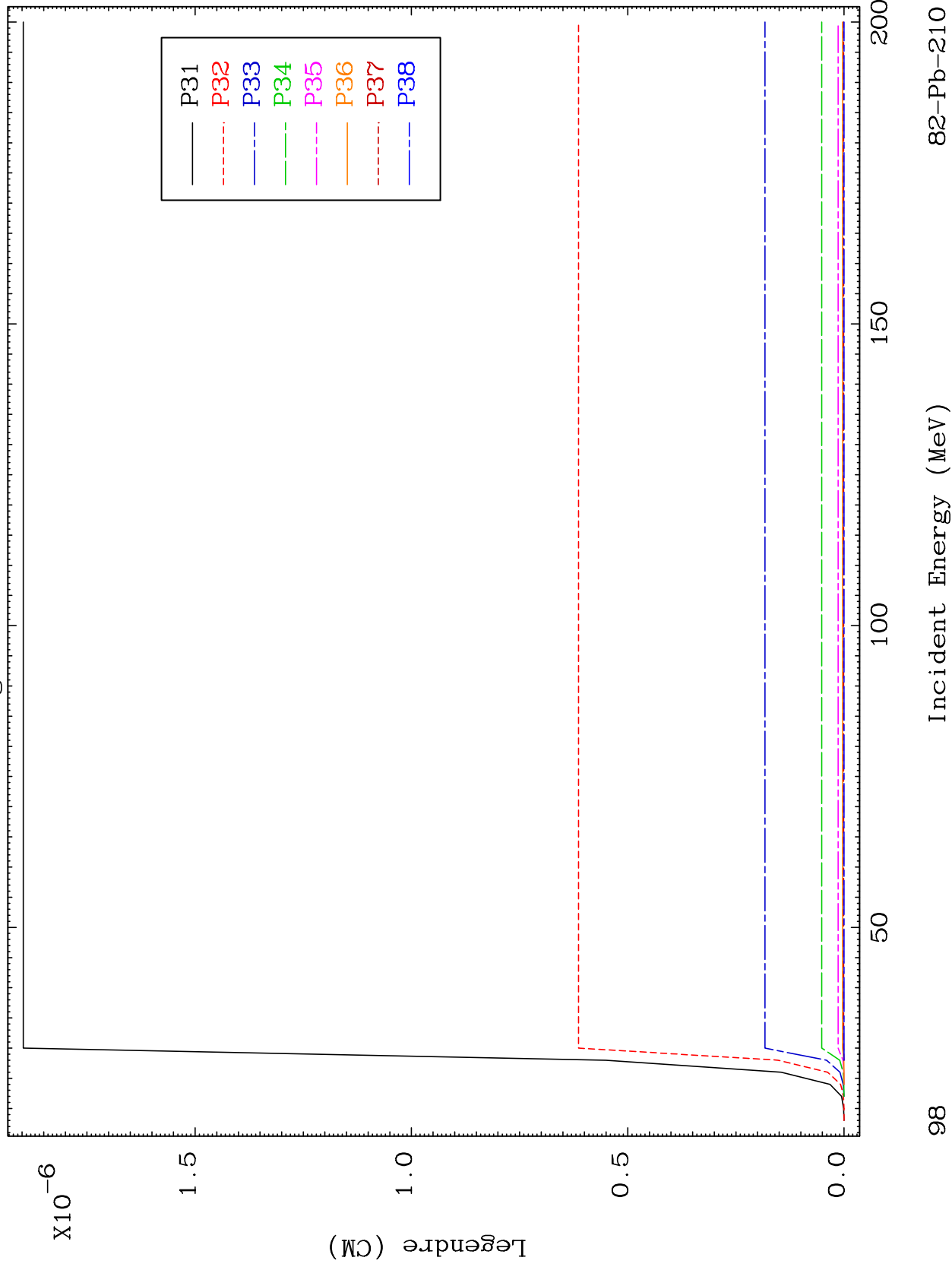
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.070 MeV (n,n') Level
Legendre Coefficients

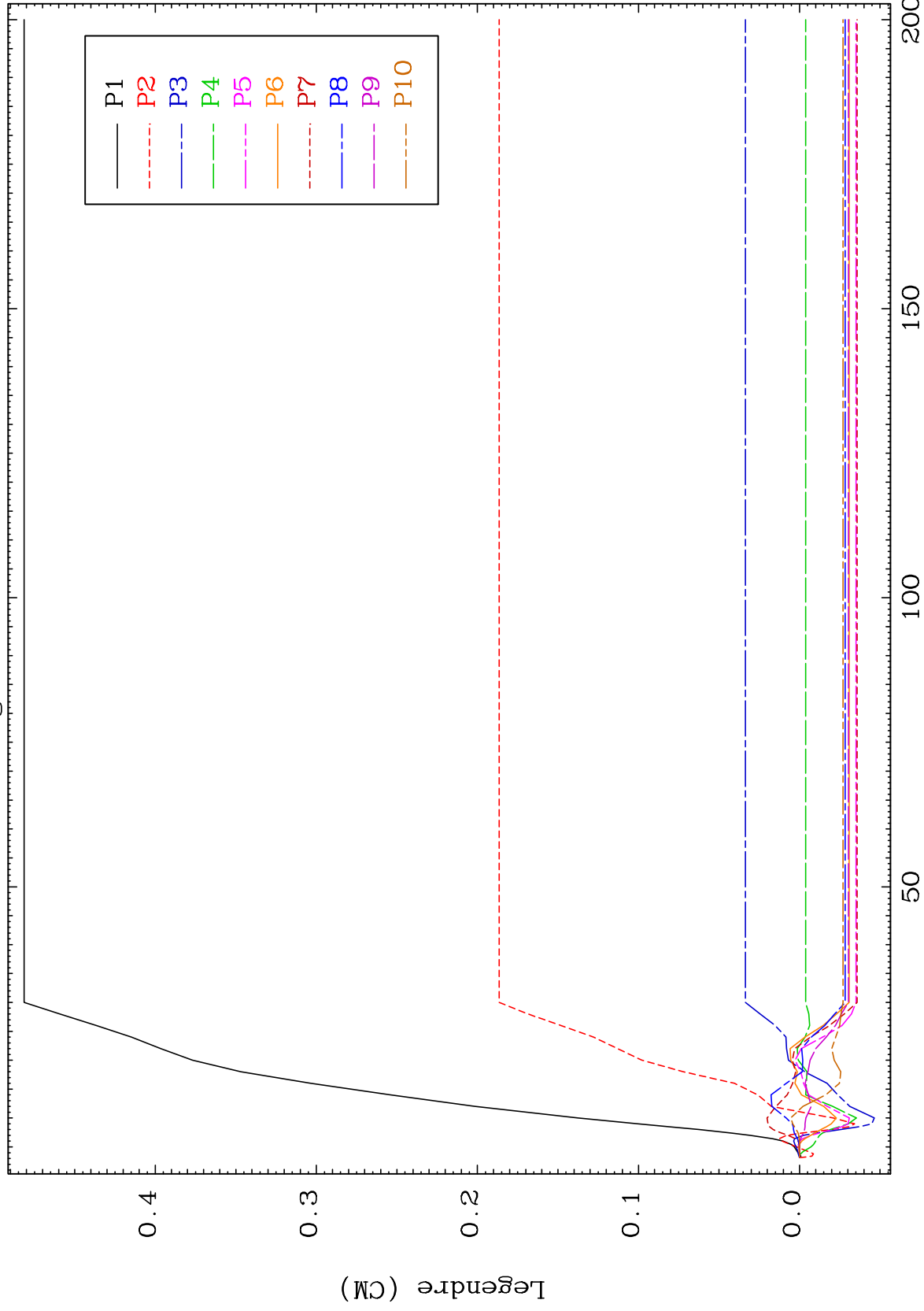
82-Pb-210



MAT 8243

3.120 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



99

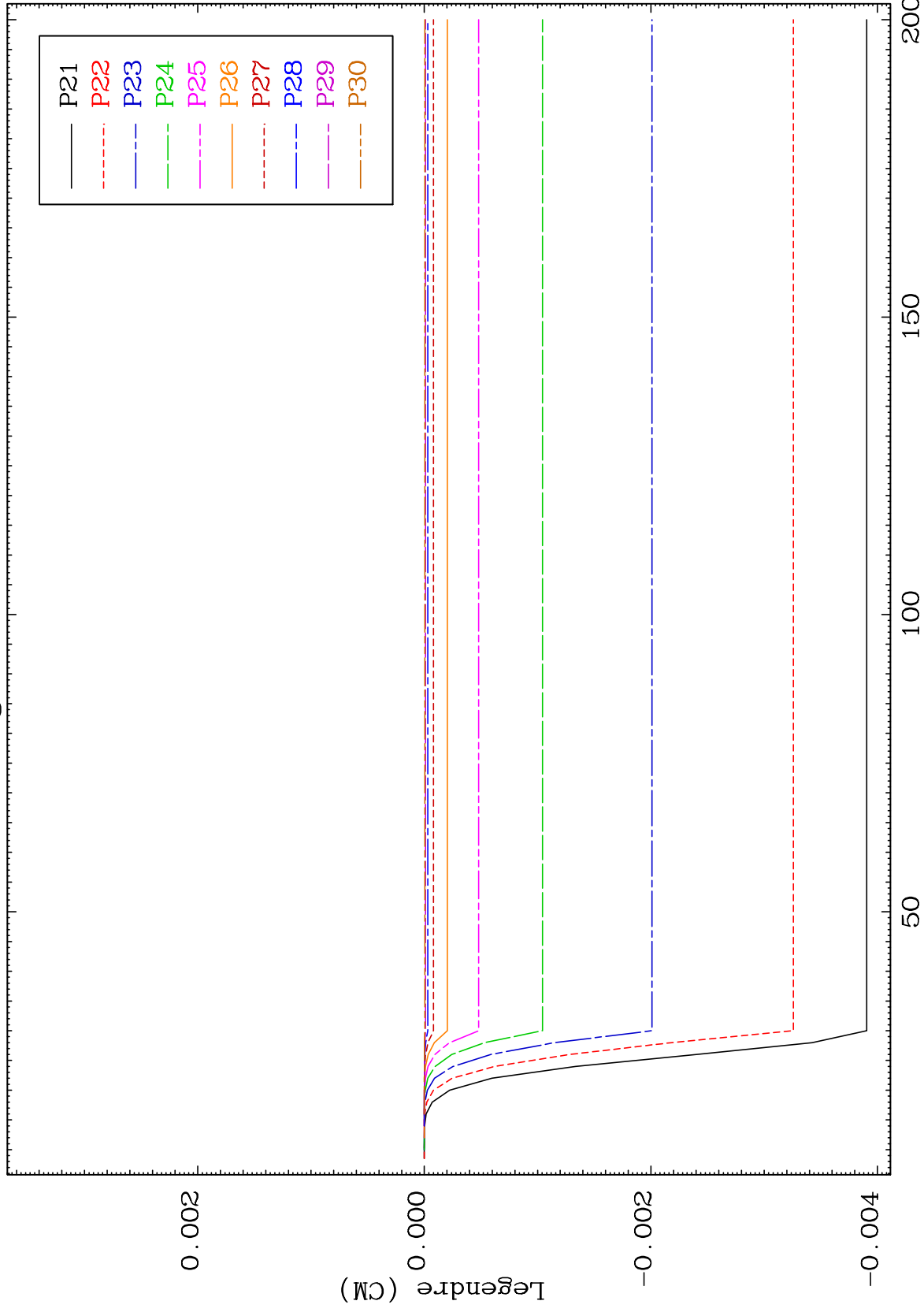
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.120 MeV (n,n') Level
Legendre Coefficients

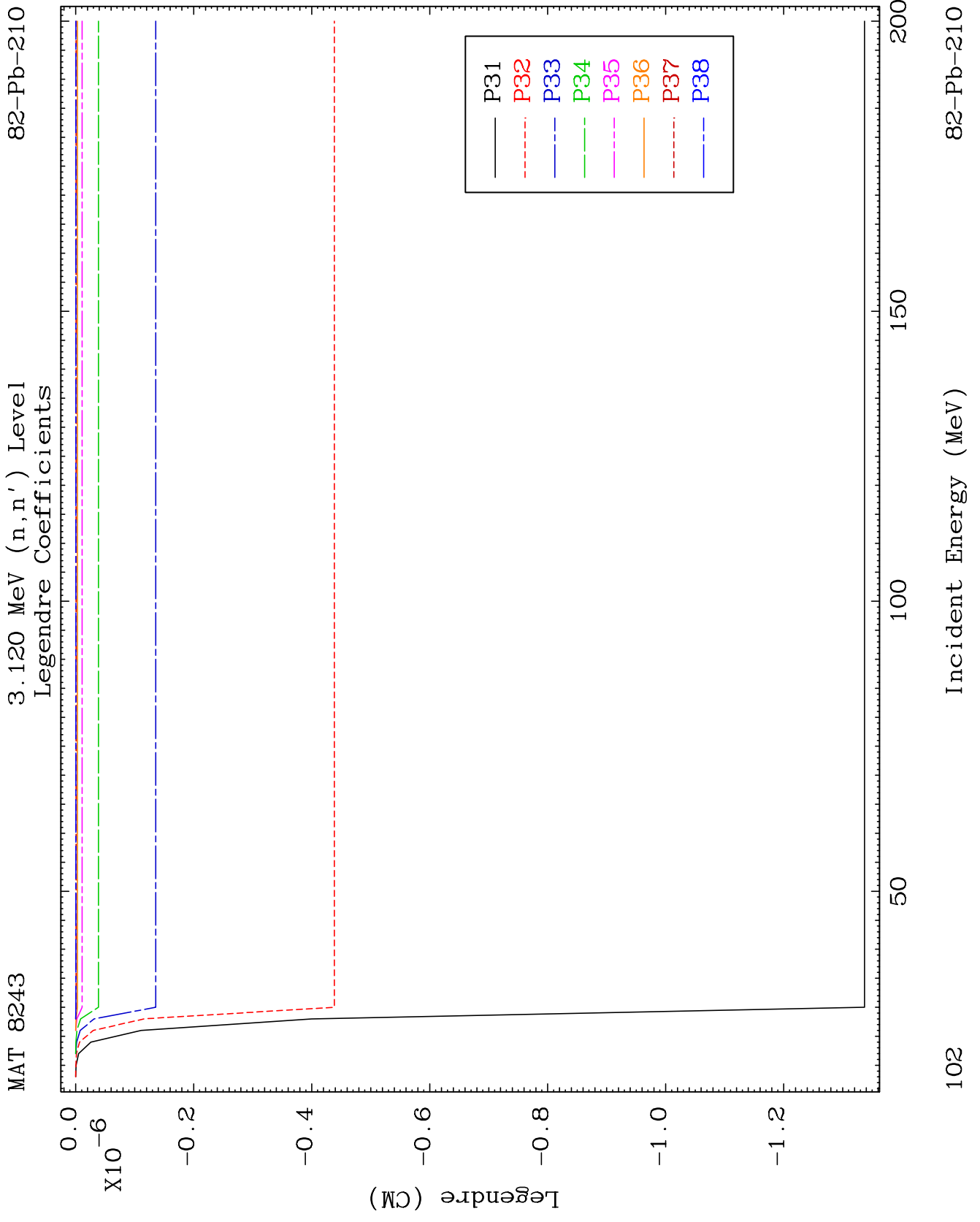
82-Pb-210



101

Incident Energy (MeV)

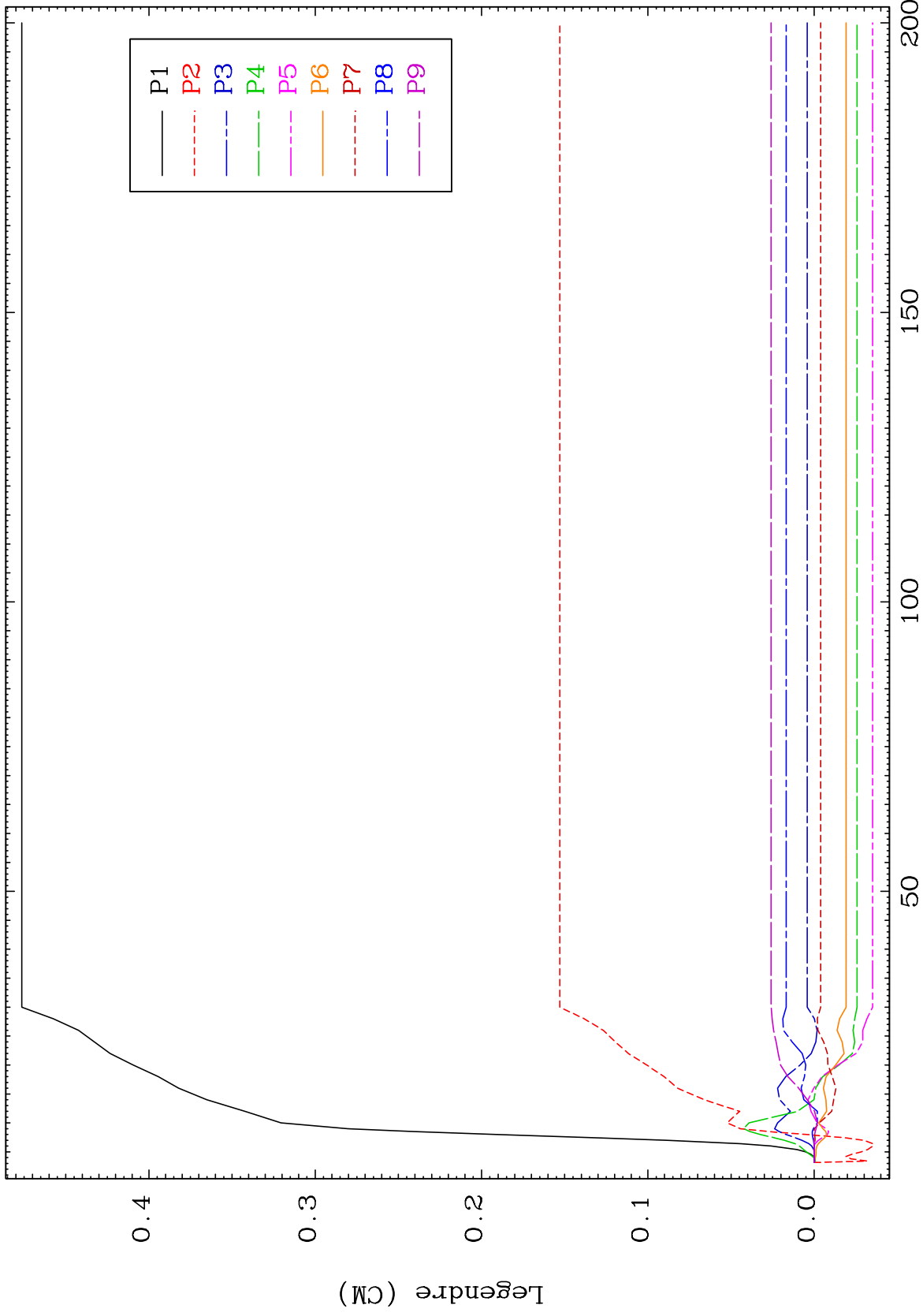
82-Pb-210



MAT 8243

3.150 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



103

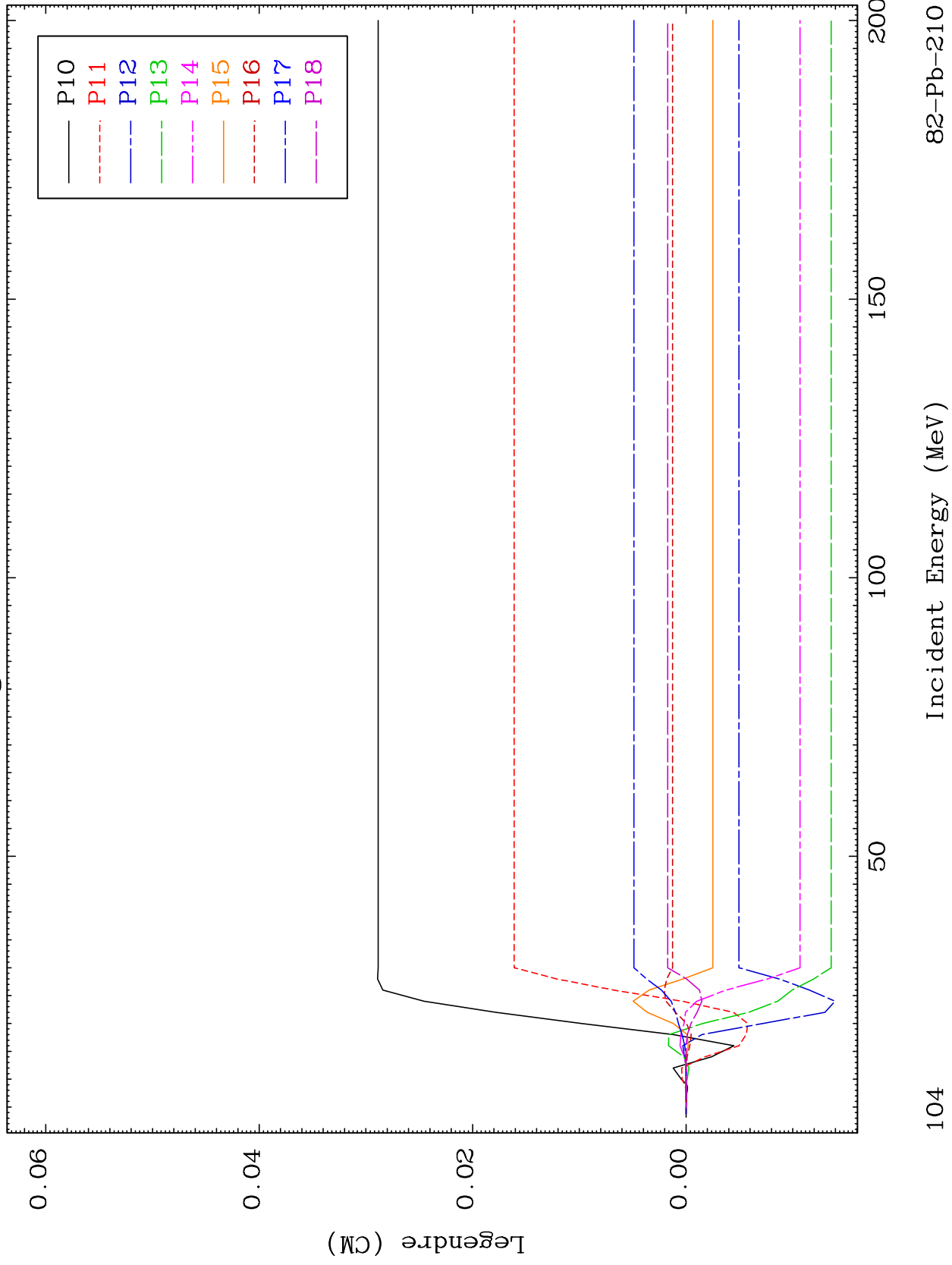
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.150 MeV (n,n') Level
Legendre Coefficients

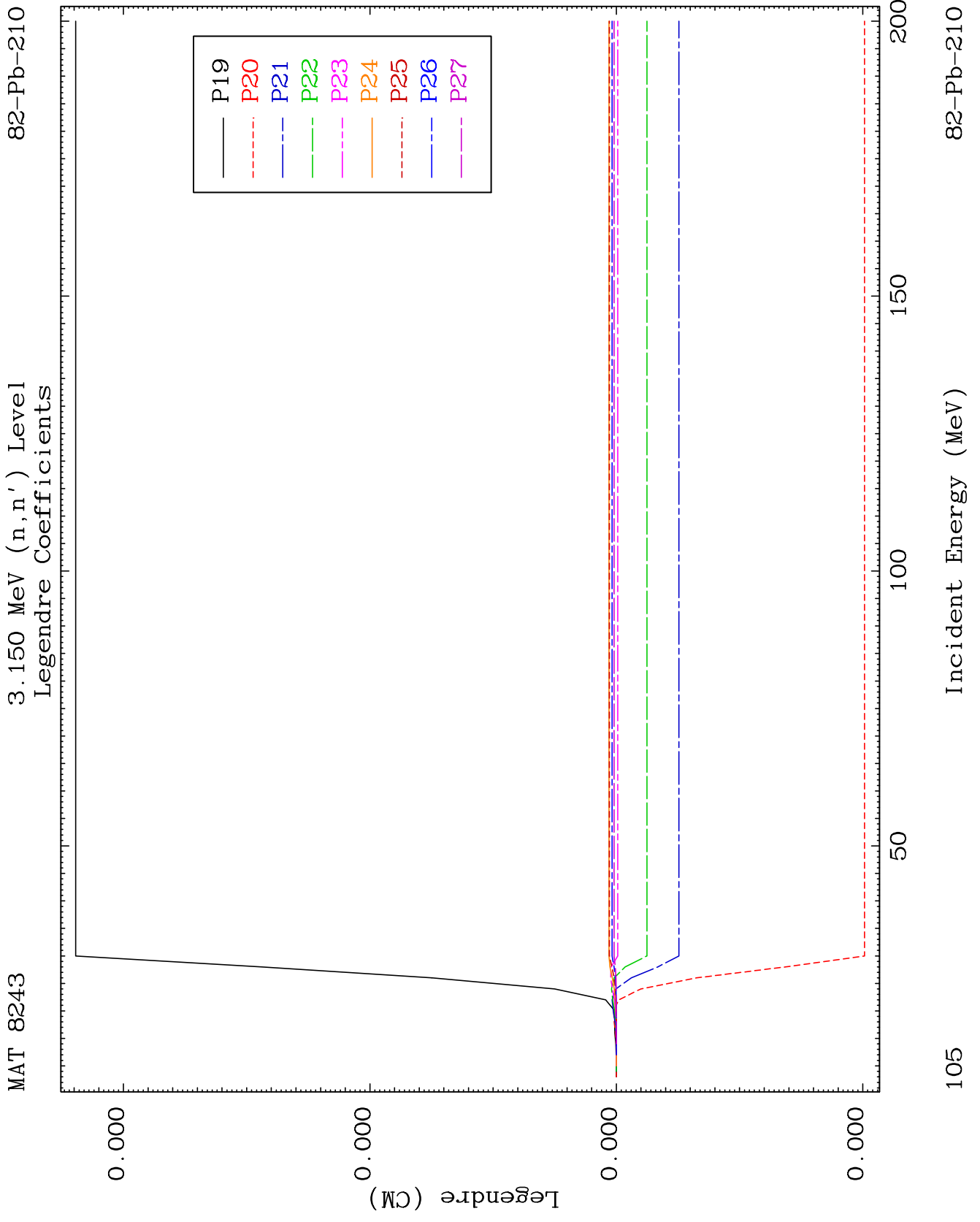
82-Pb-210



104

Incident Energy (MeV)

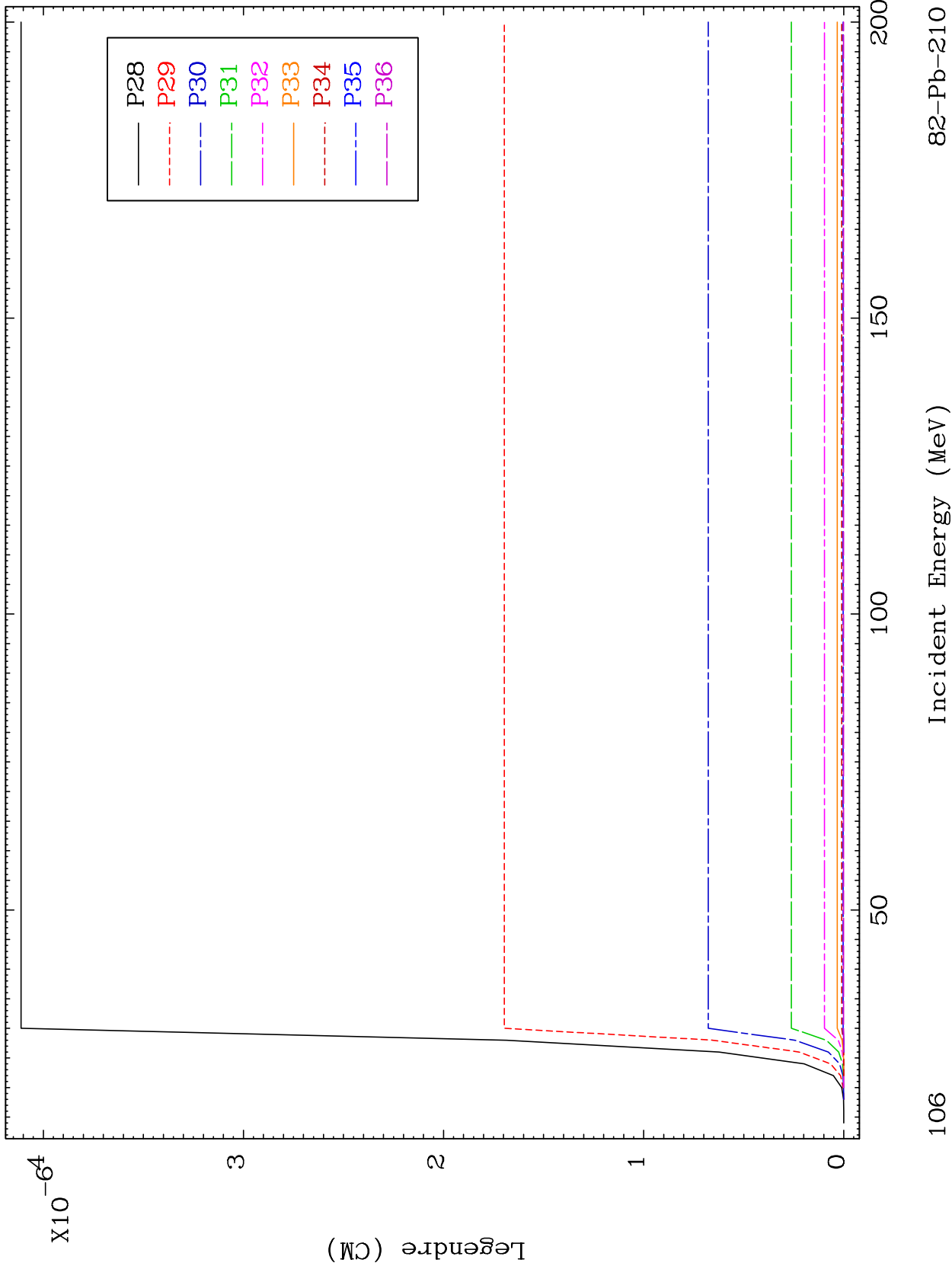
82-Pb-210



MAT 8243

3.150 MeV (n, n') Level
Legendre Coefficients

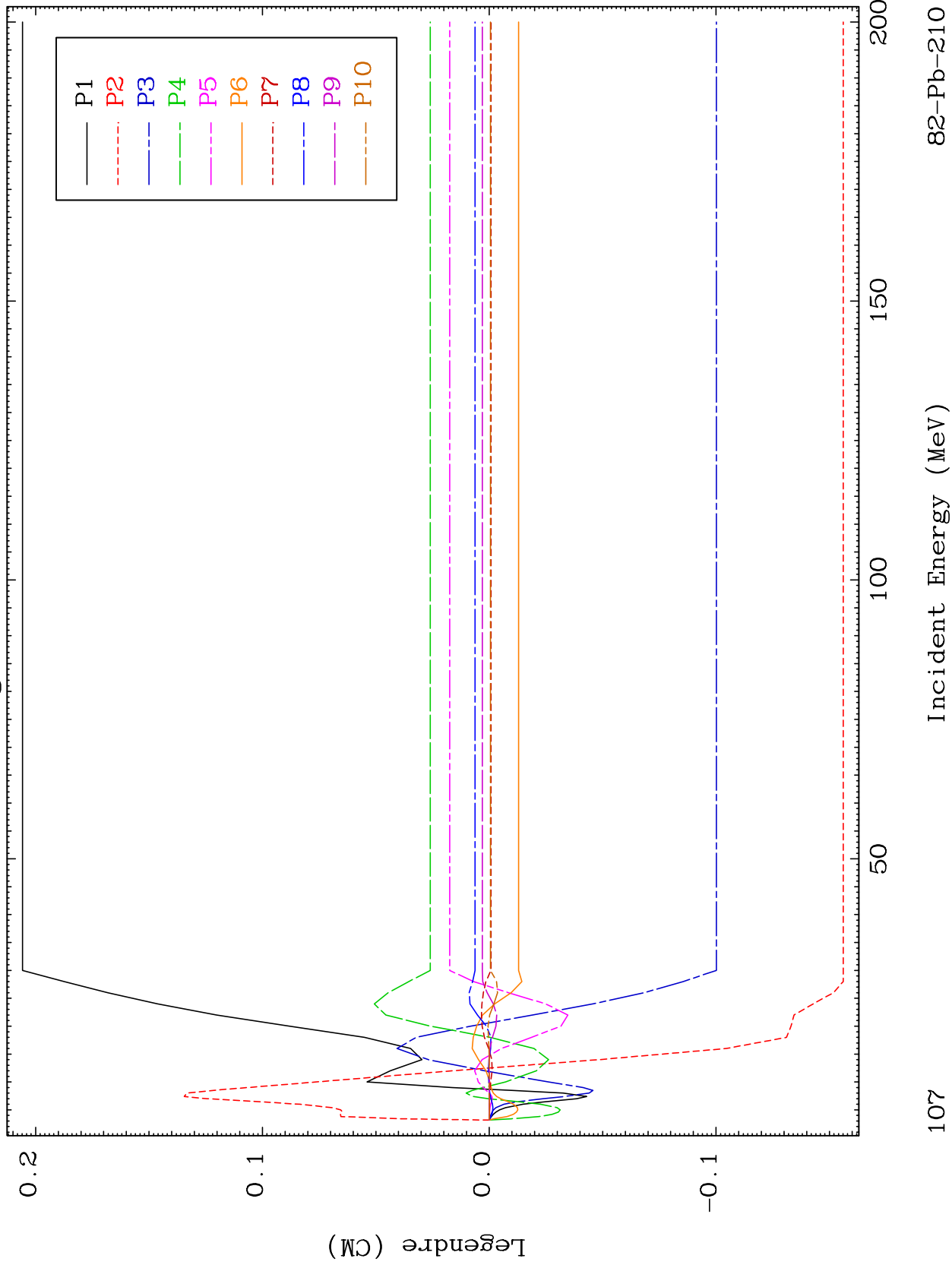
82-Pb-210



MAT 8243

3.152 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



107

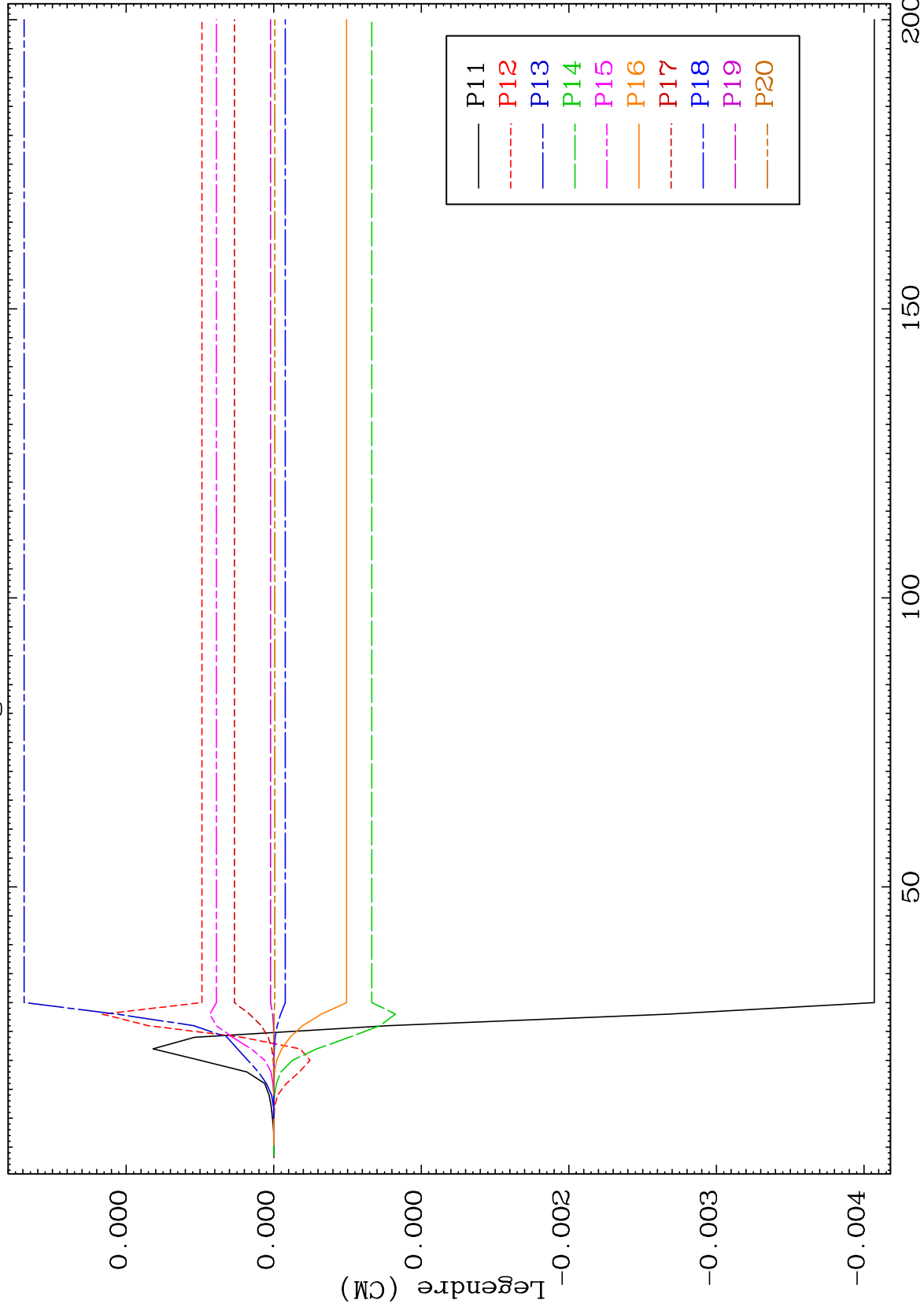
Incident Energy (MeV)

82-Pb-210

MAT 8243

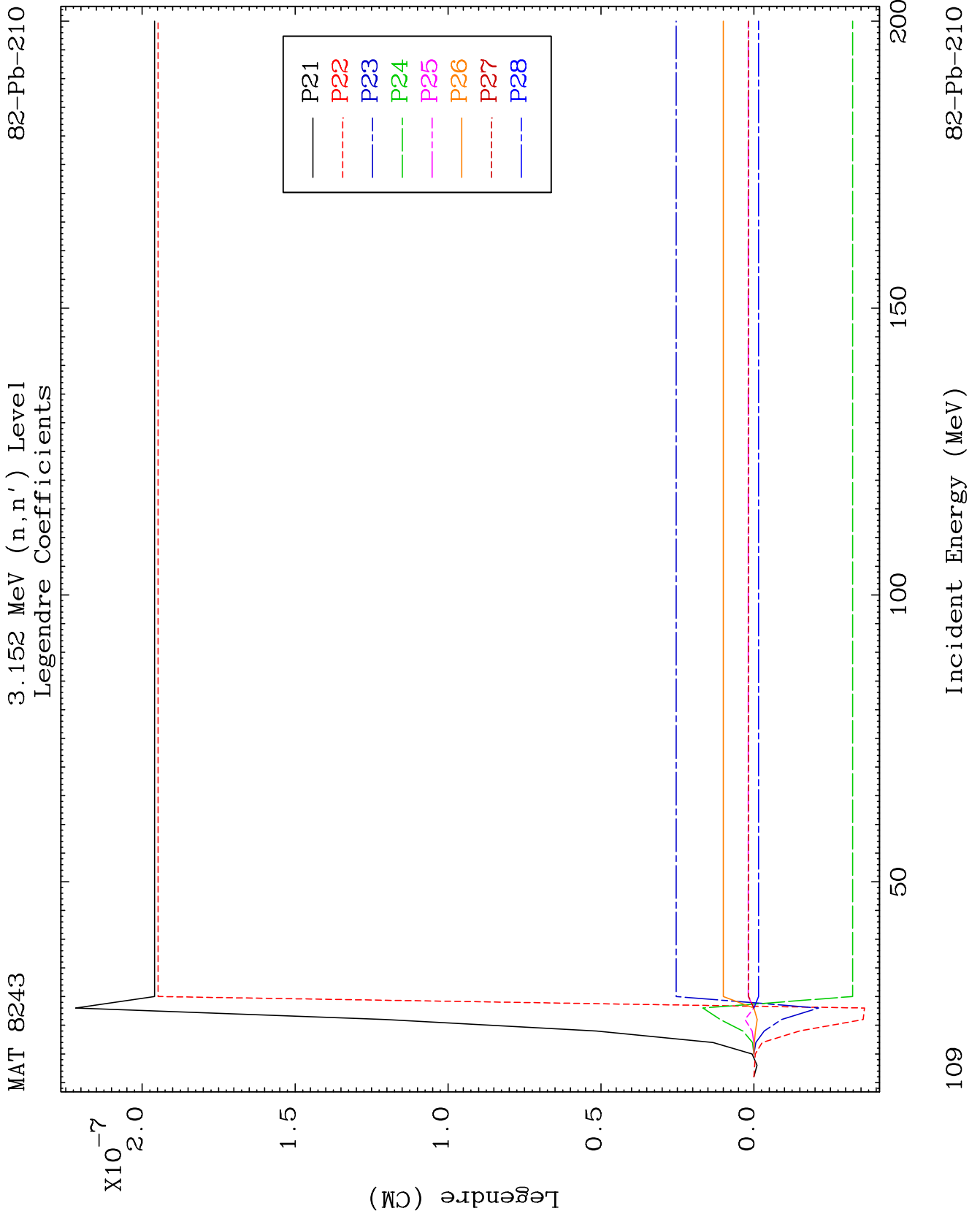
3.152 MeV (n,n') Level
Legendre Coefficients

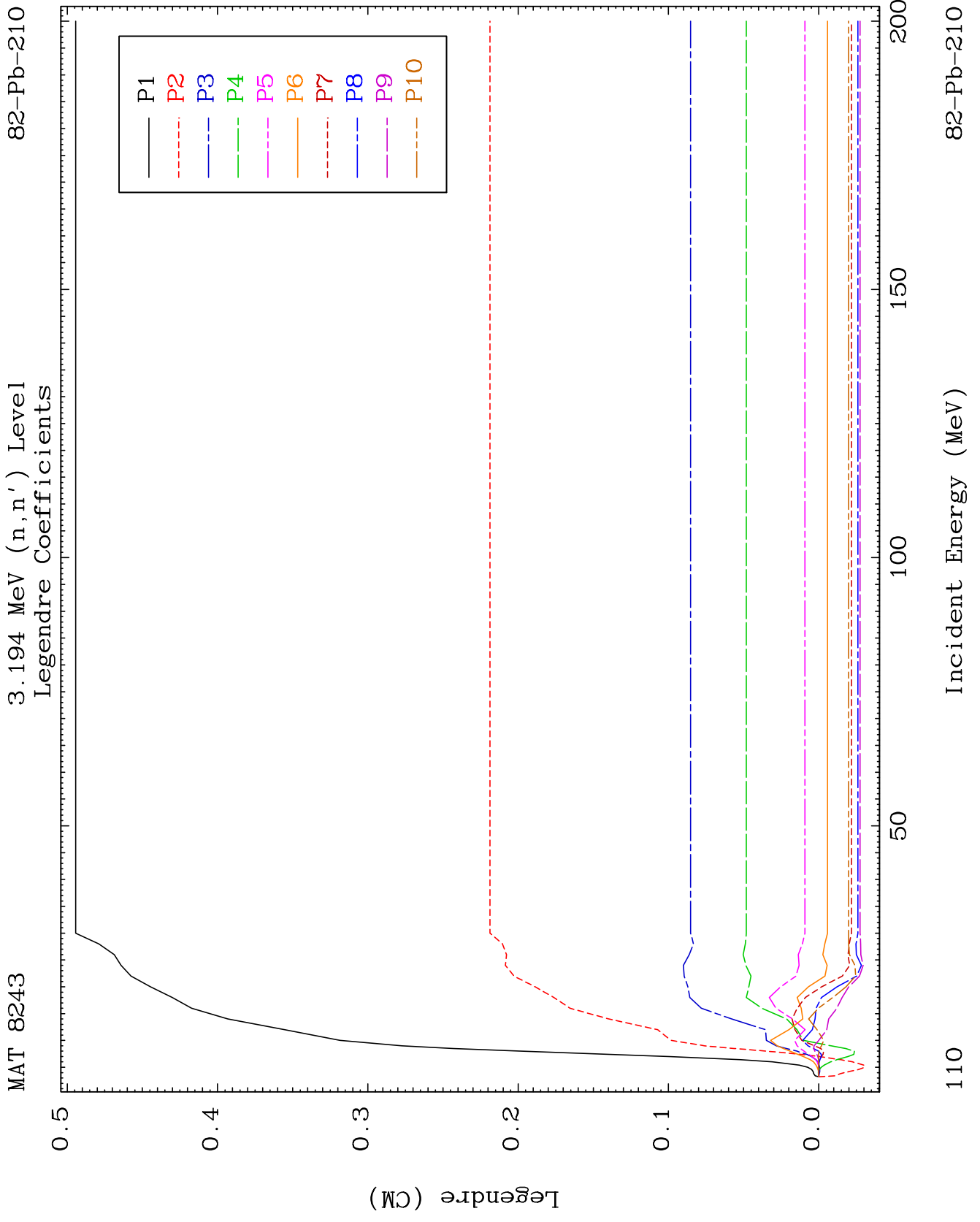
82-Pb-210



108

82-Pb-210

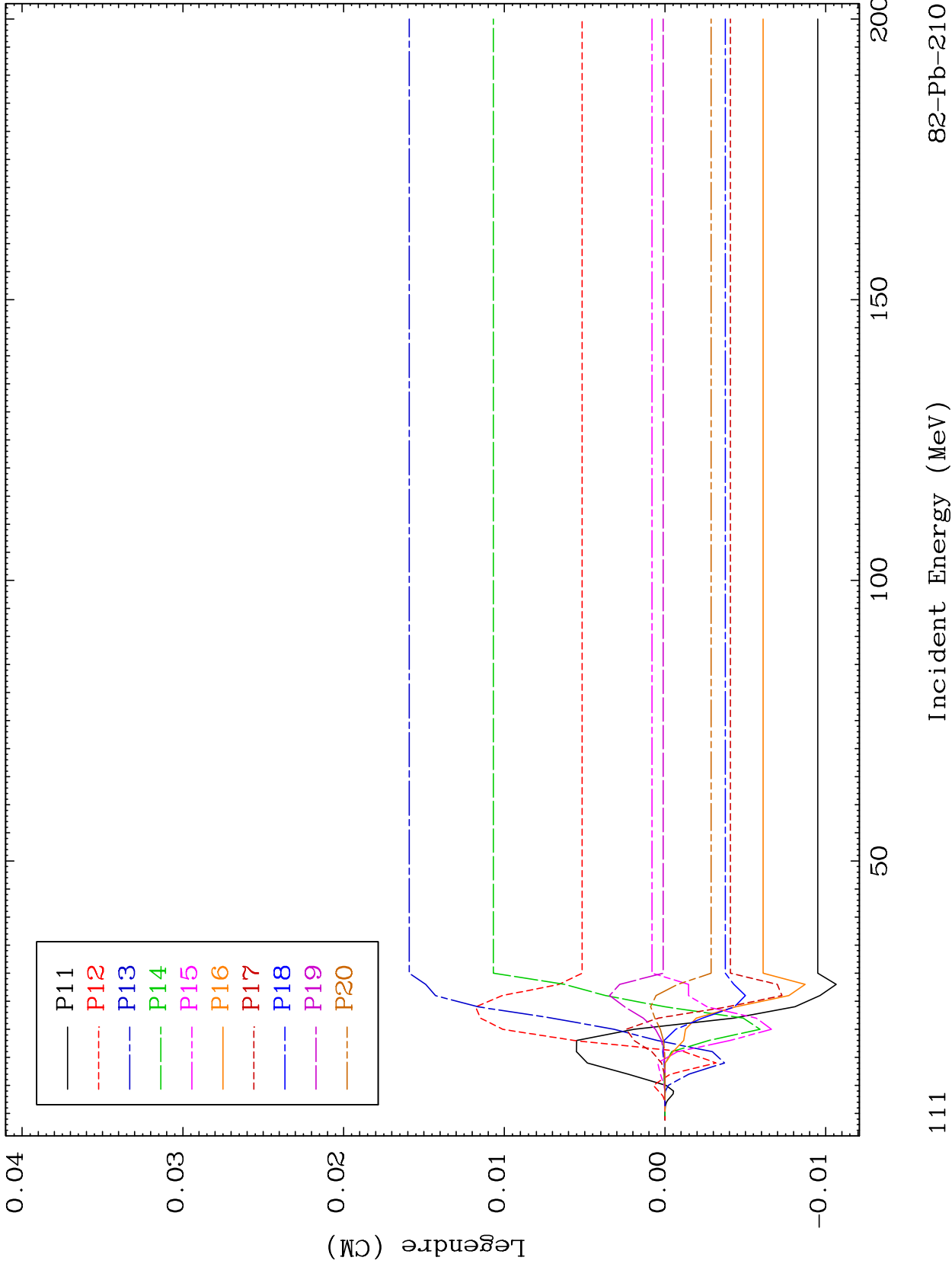




MAT 8243

3.194 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



111

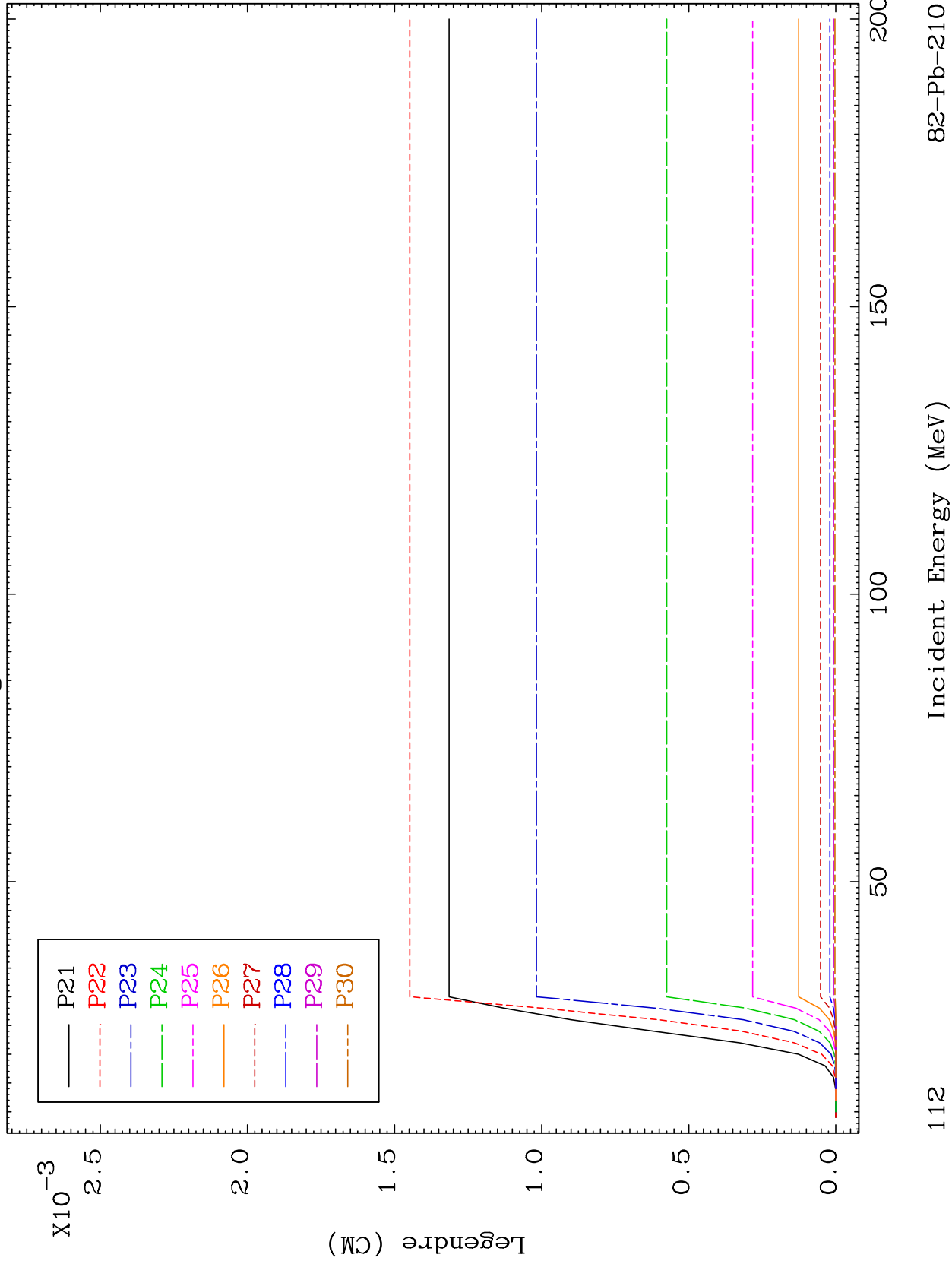
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.194 MeV (n,n') Level
Legendre Coefficients

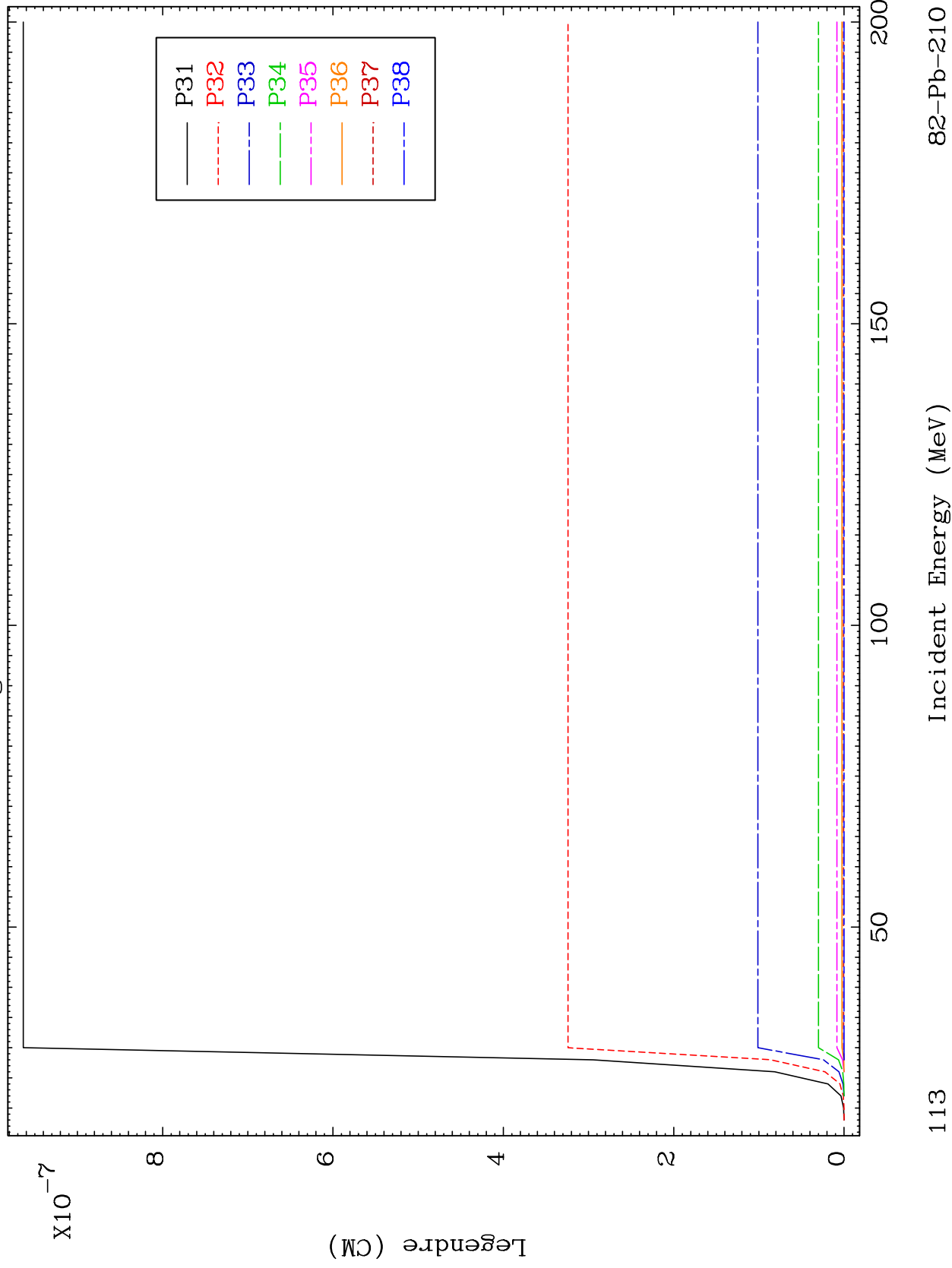
82-Pb-210



MAT 8243

3.194 MeV (n,n') Level
Legendre Coefficients

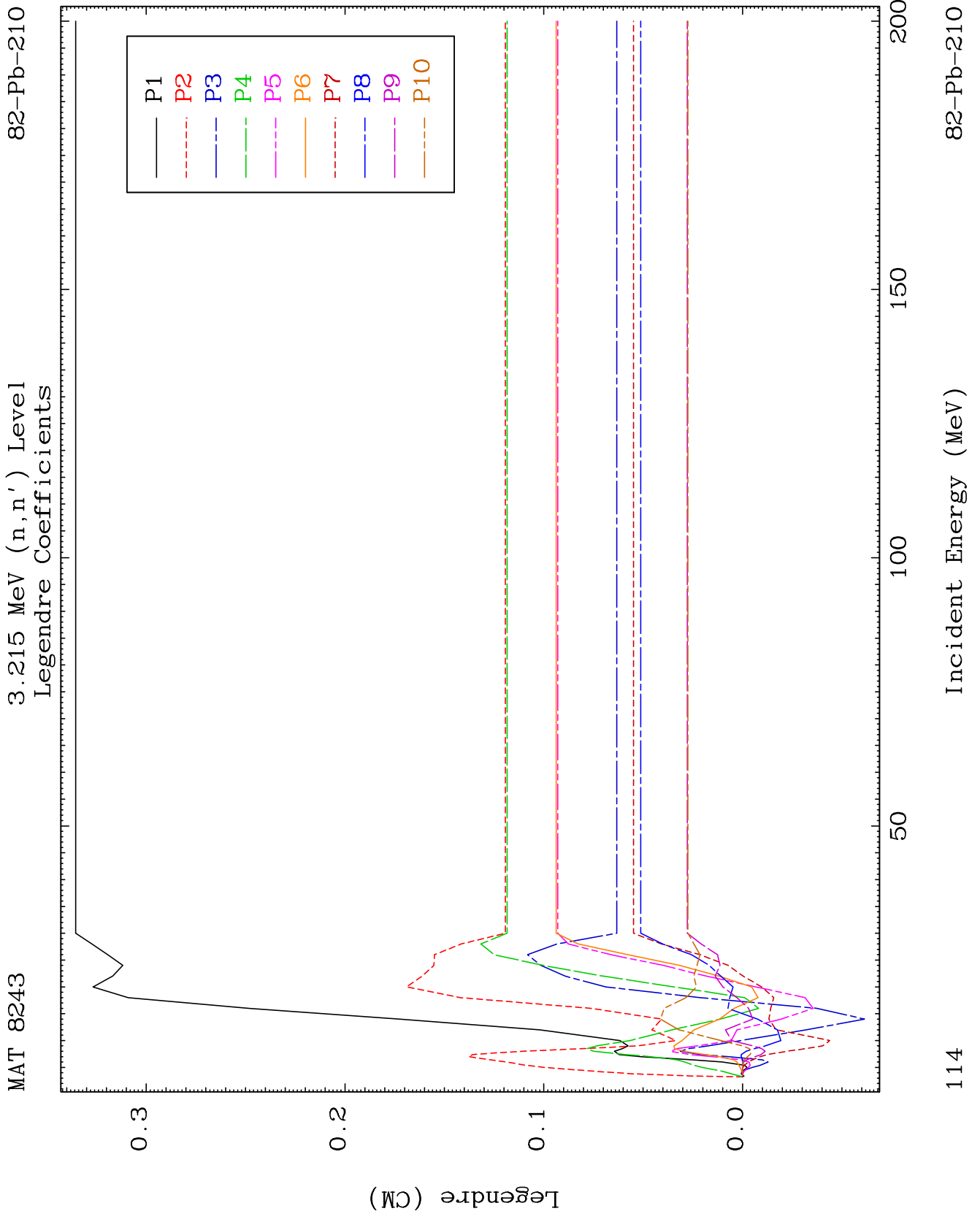
82-Pb-210

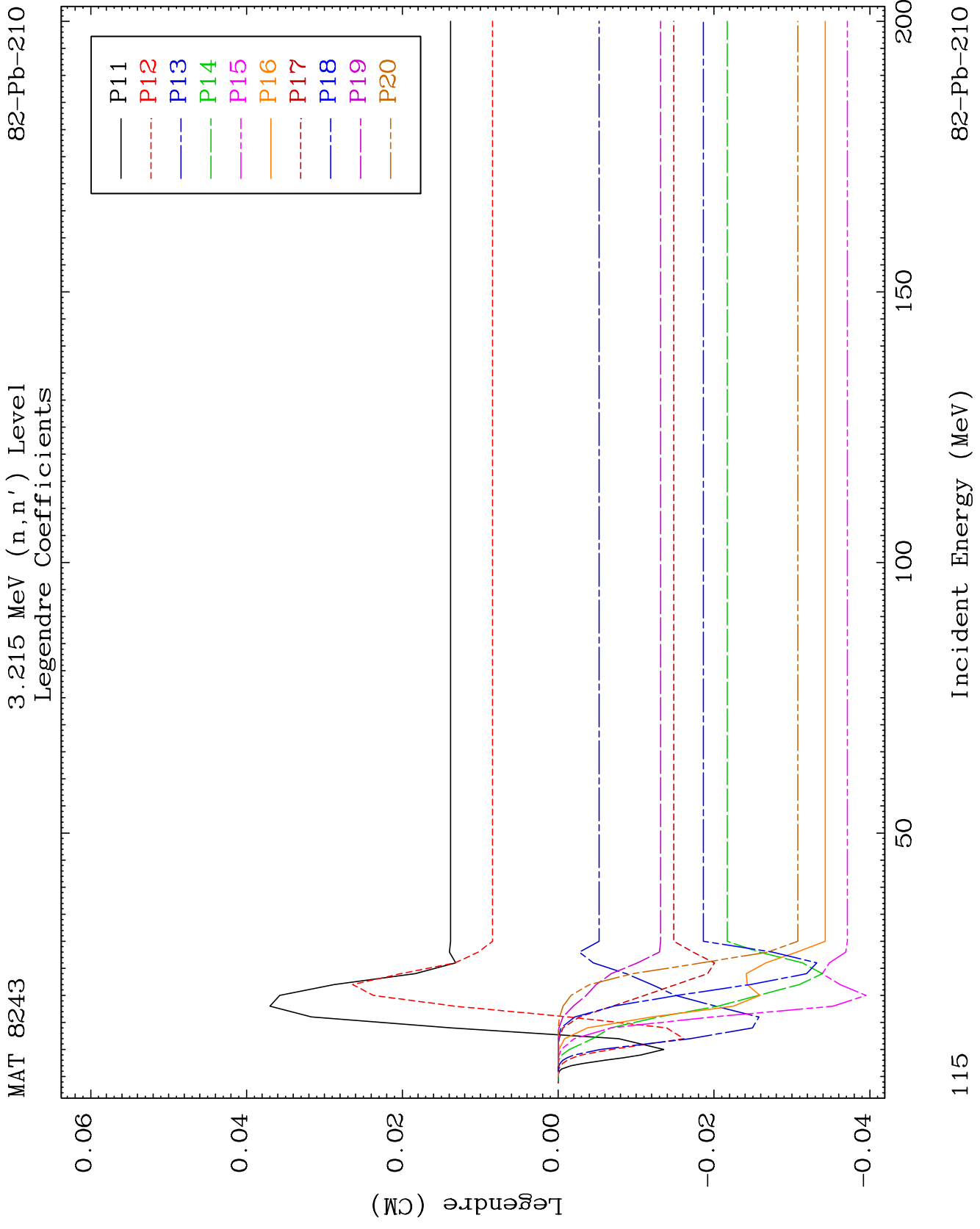


113

Incident Energy (MeV)

82-Pb-210

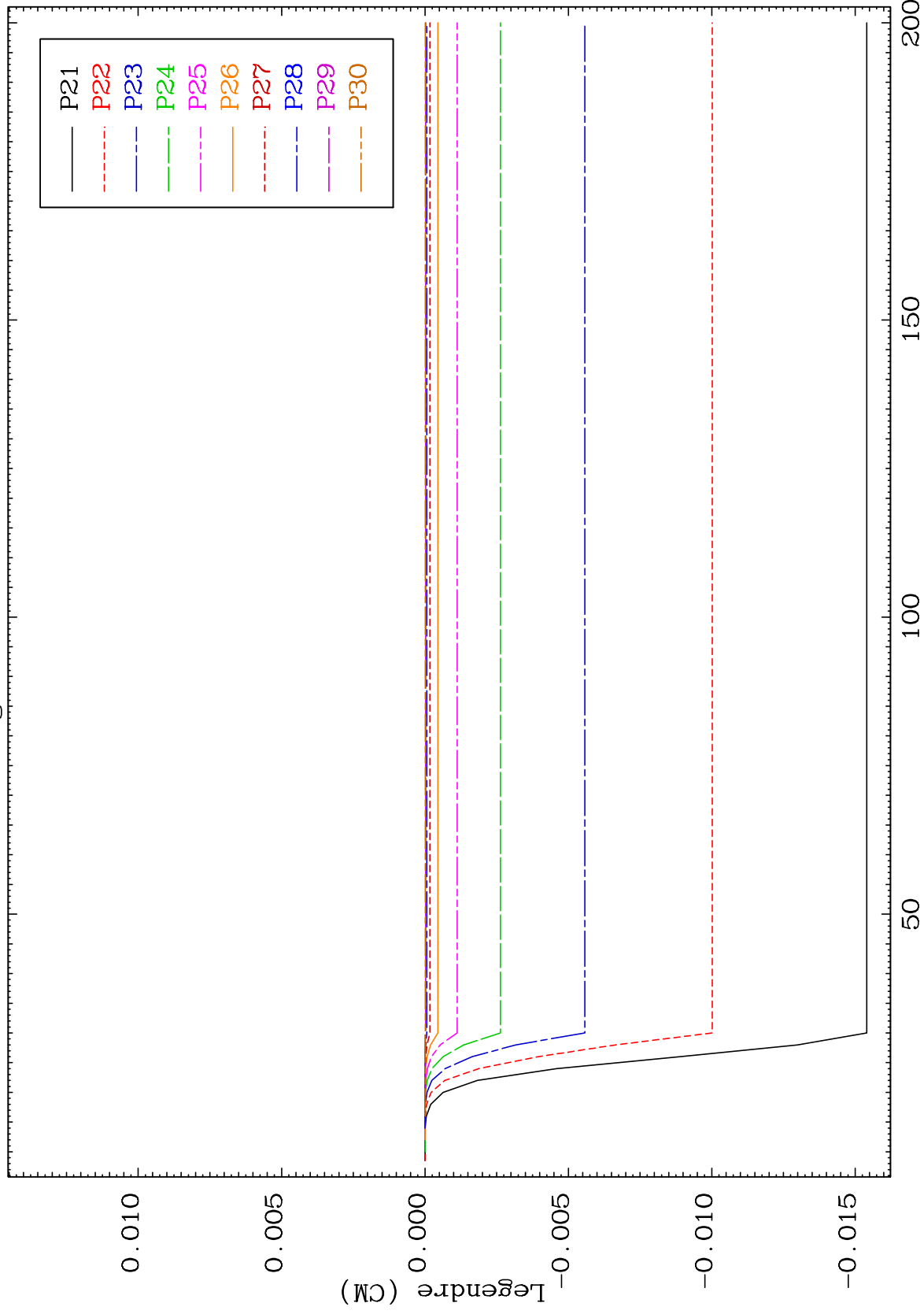




MAT 8243

3.215 MeV (n,n') Level
Legendre Coefficients

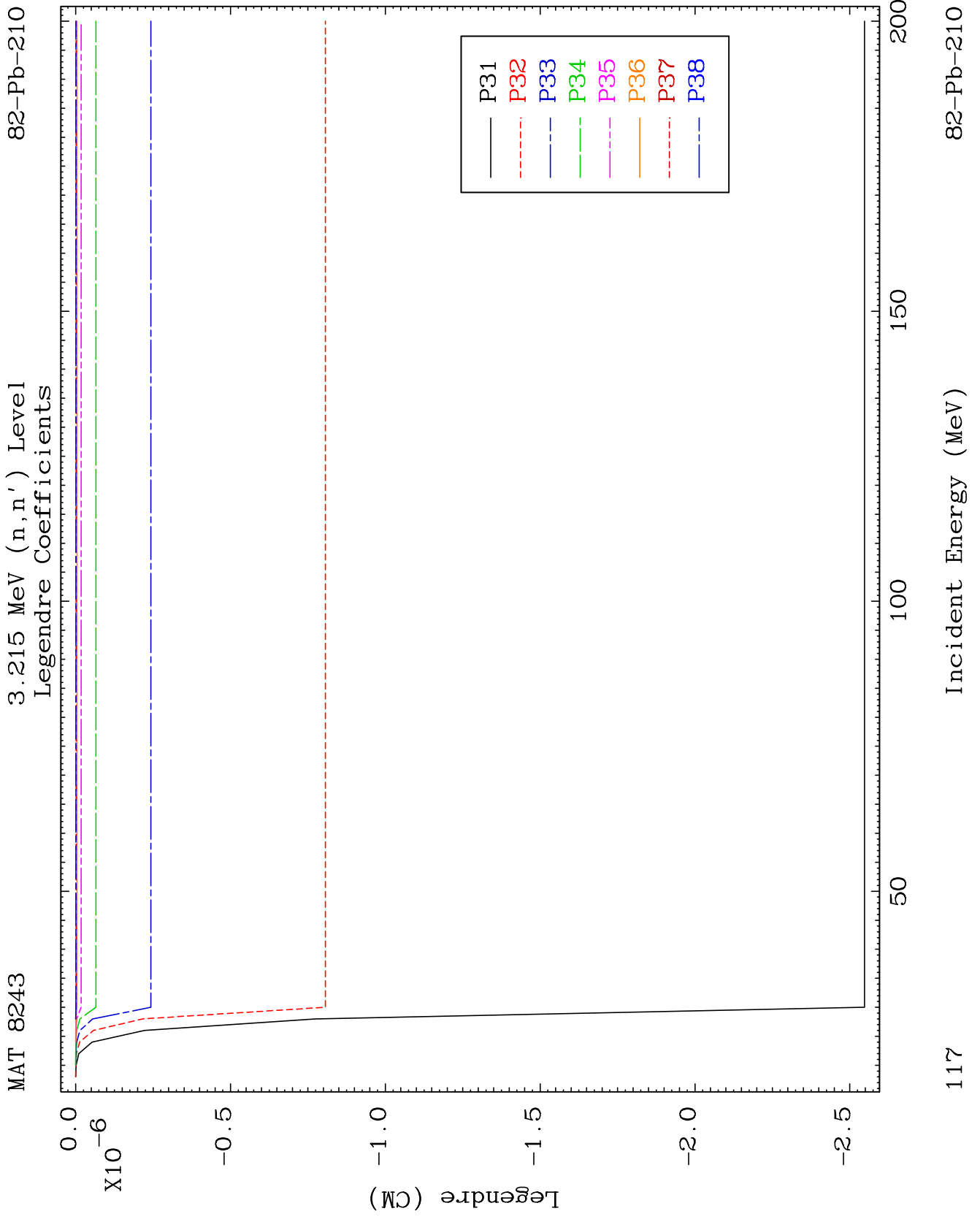
82-Pb-210



116

Incident Energy (MeV)

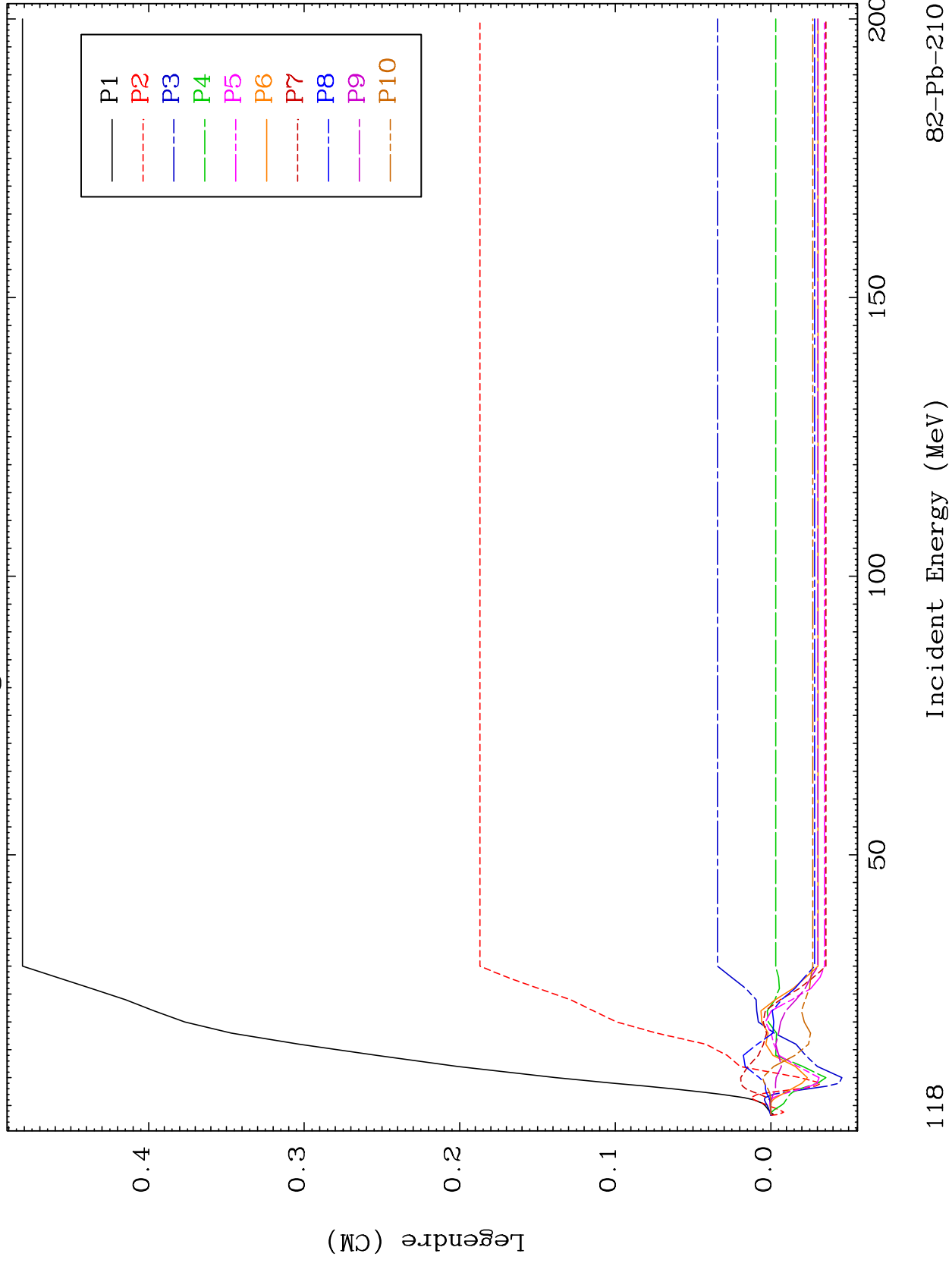
82-Pb-210



MAT 8243

3.223 MeV (n,n') Level
Legendre Coefficients

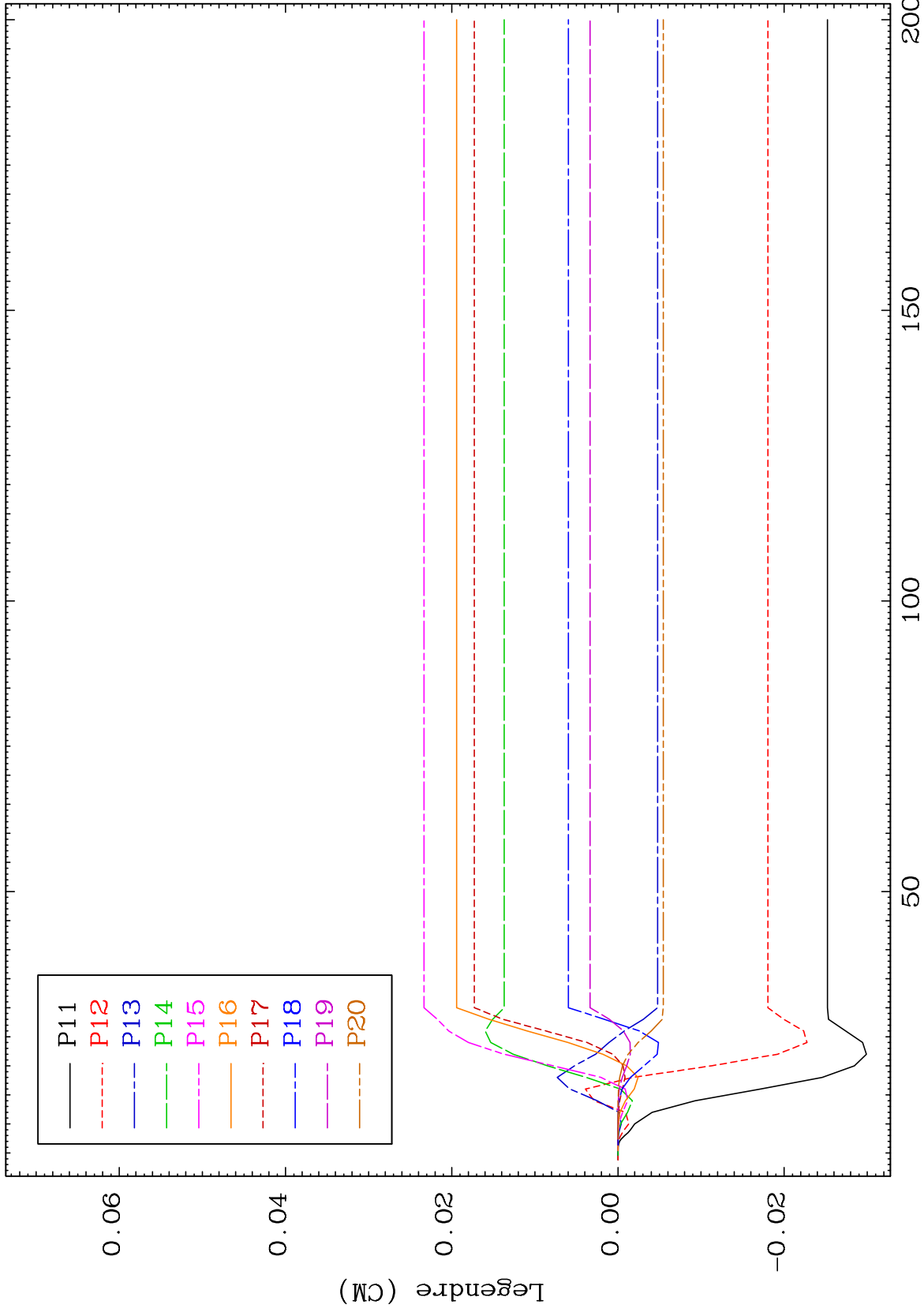
82-Pb-210



118

Incident Energy (MeV)

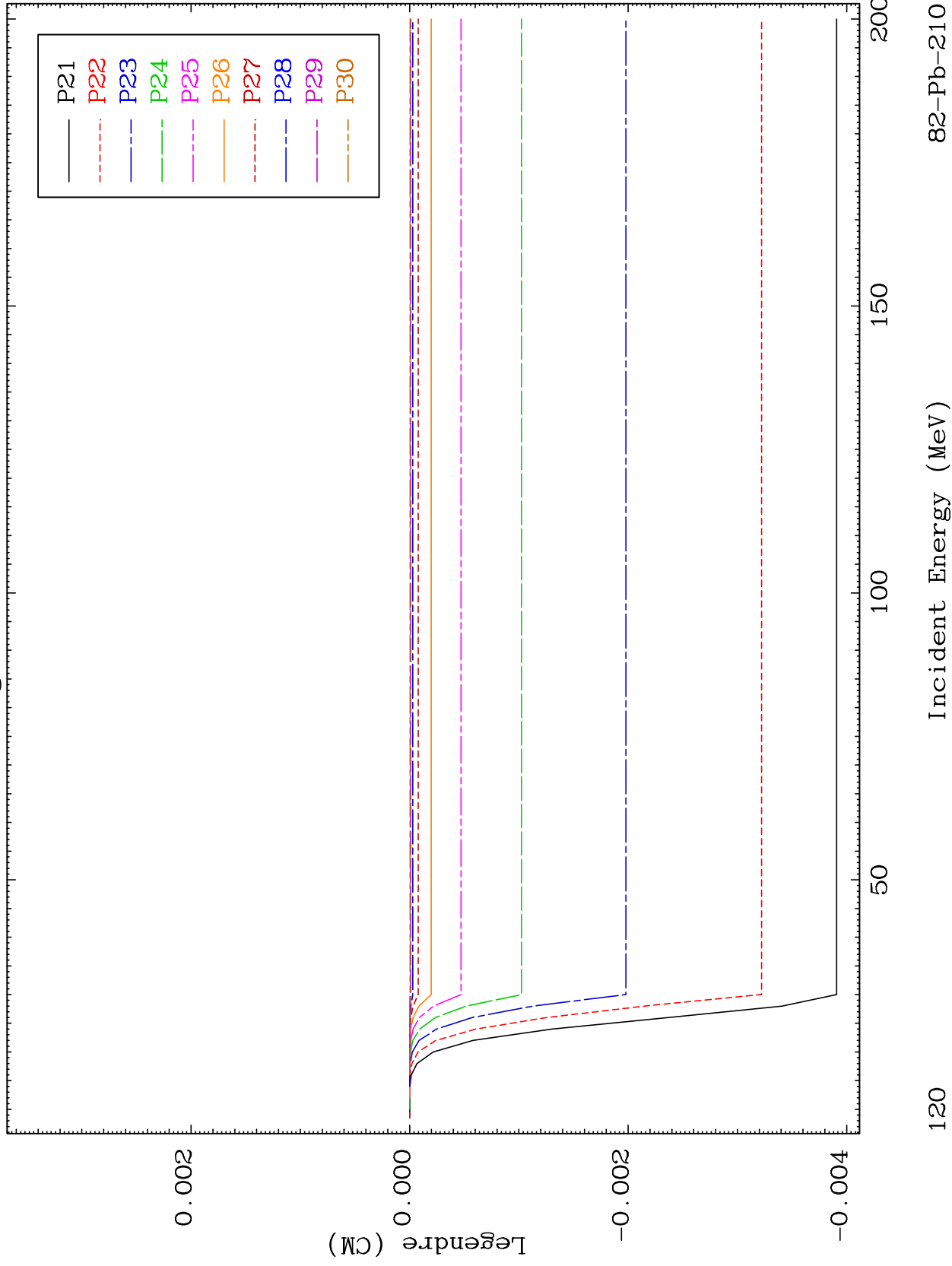
82-Pb-210



MAT 8243

3.223 MeV (n,n') Level
Legendre Coefficients

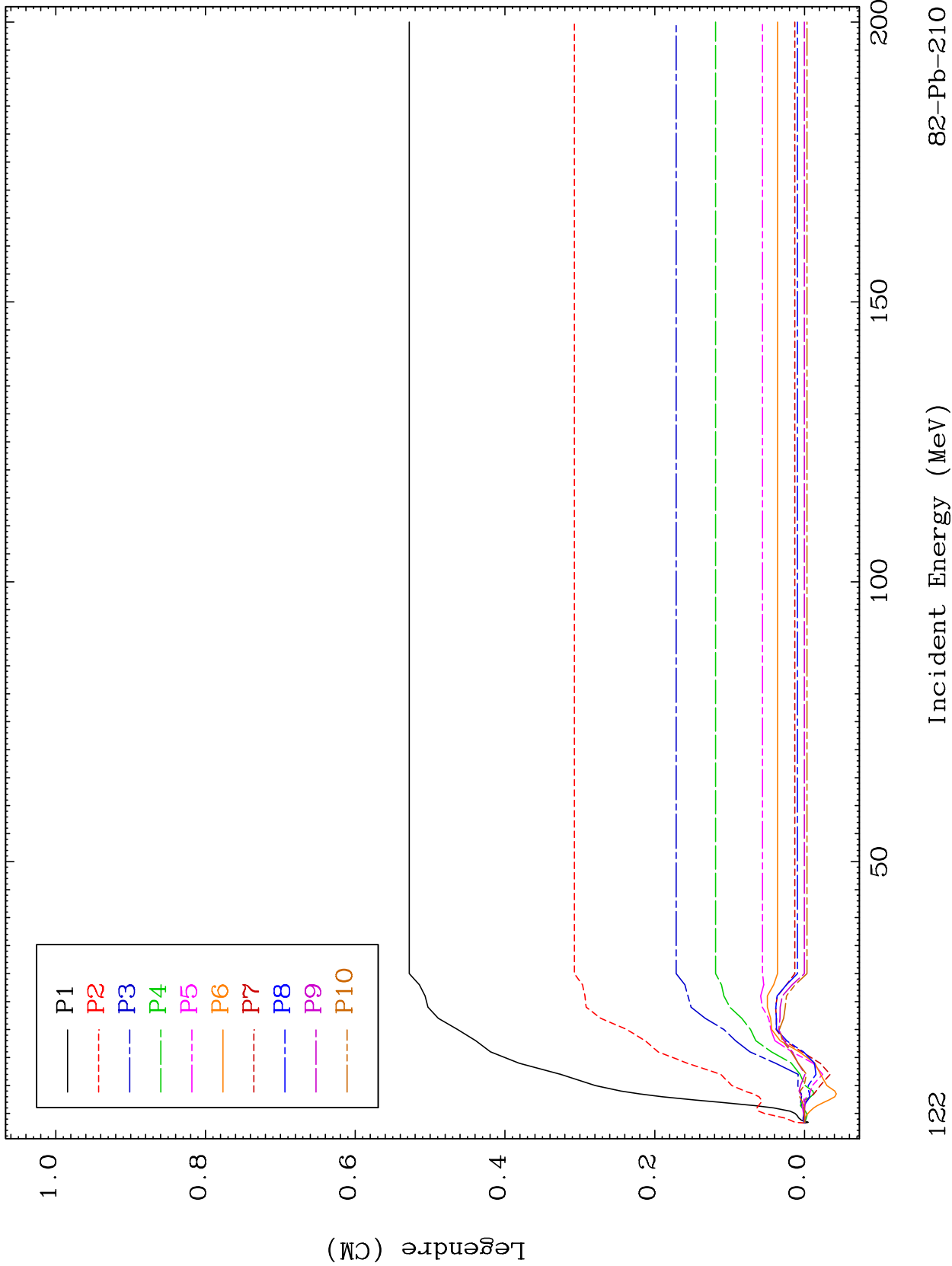
82-Pb-210



MAT 8243

3.281 MeV (n, n') Level
Legendre Coefficients

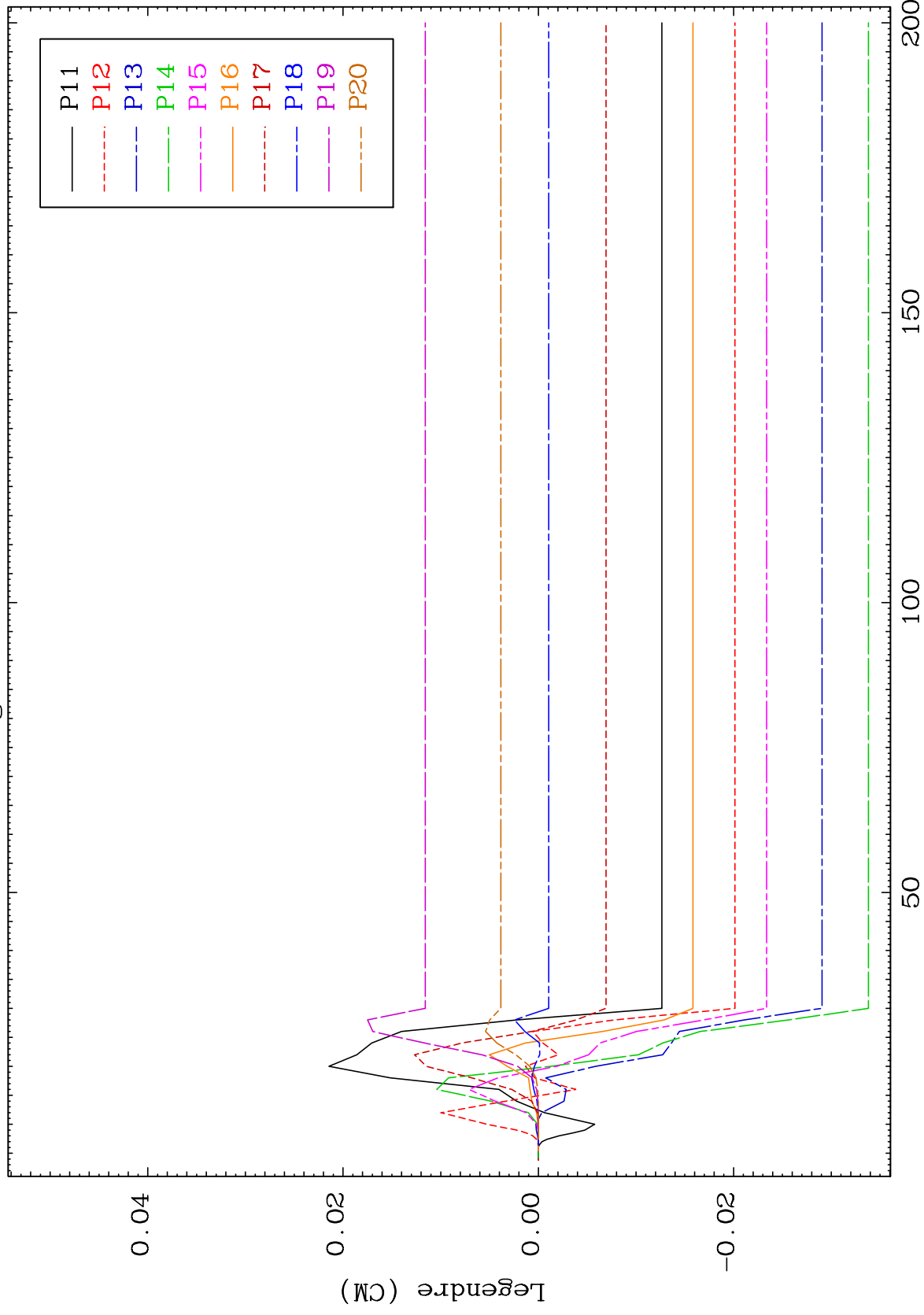
82-Pb-210



MAT 8243

3.281 MeV (n, n') Level
Legendre Coefficients

82-Pb-210



123

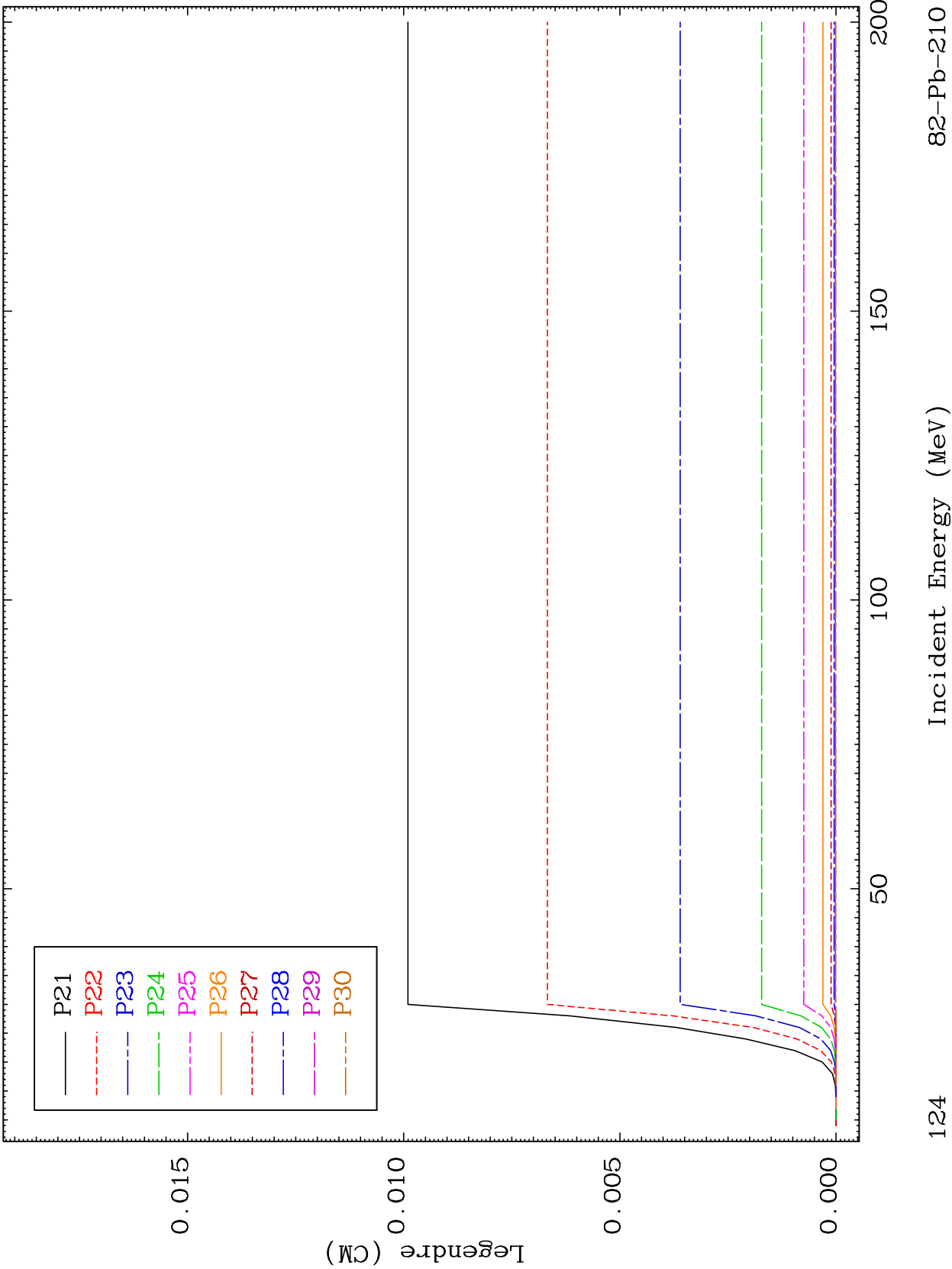
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.281 MeV (n,n') Level
Legendre Coefficients

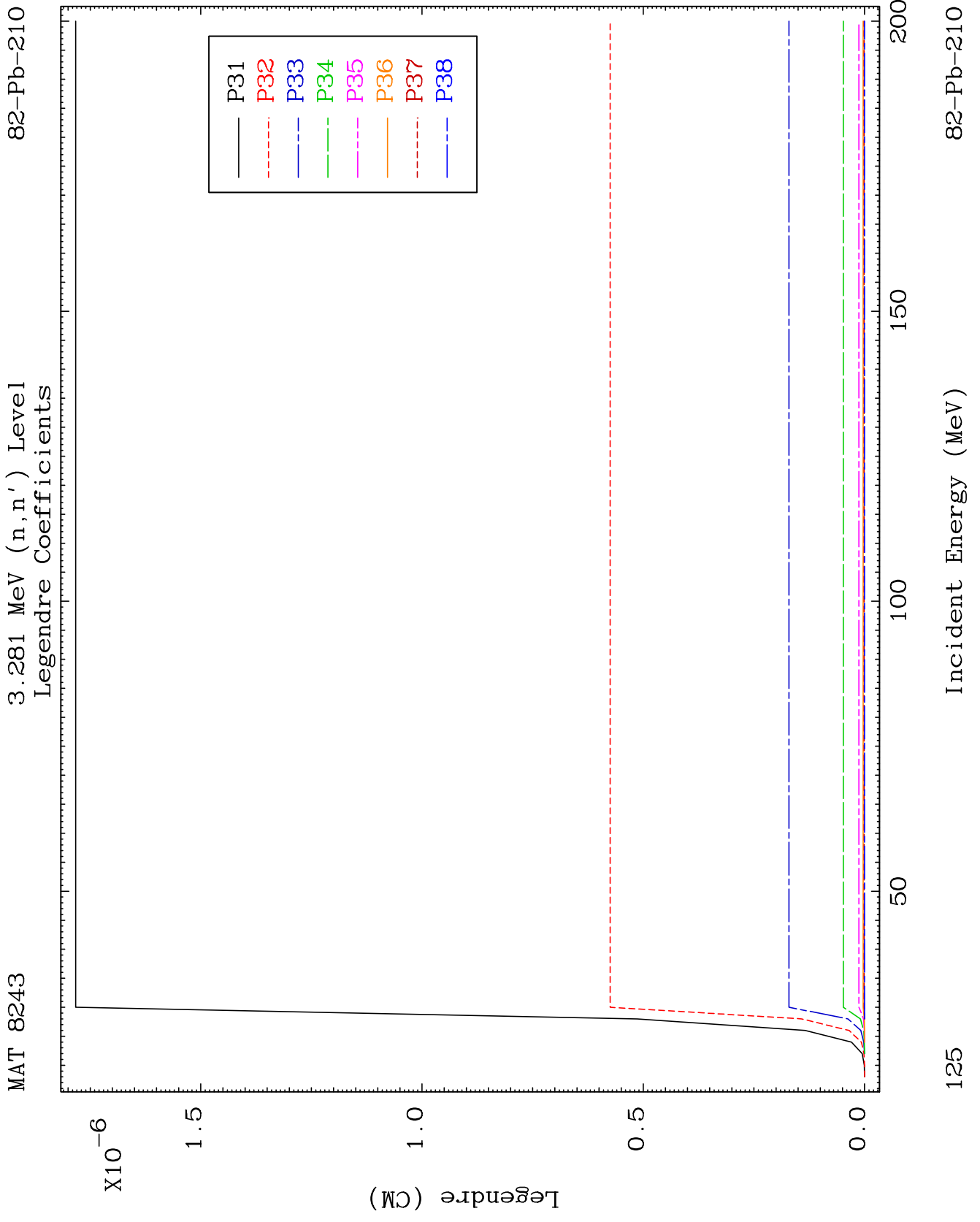
82-Pb-210



124

Incident Energy (MeV)

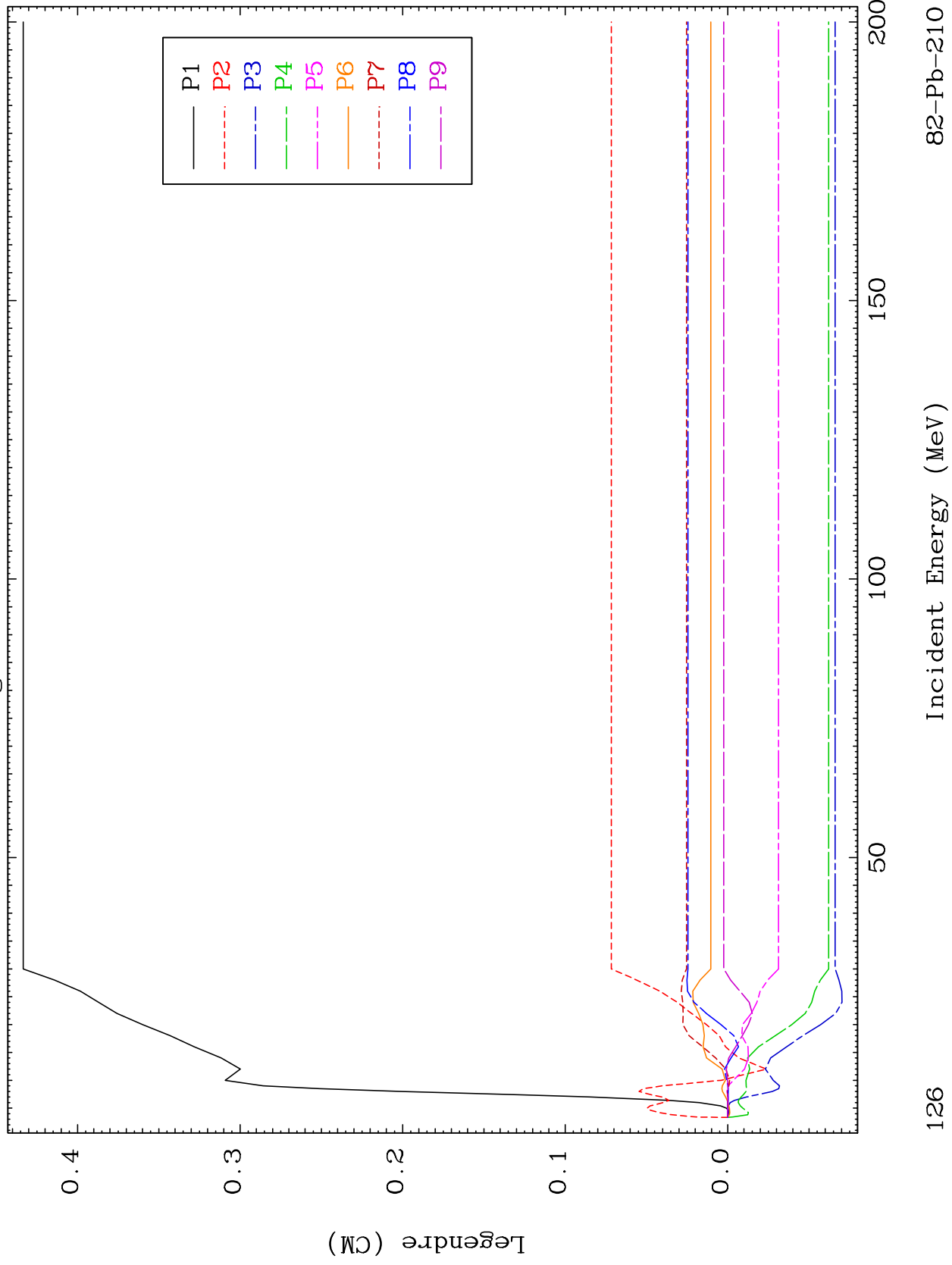
82-Pb-210



MAT 8243

3.312 MeV (n,n') Level
Legendre Coefficients

82-Pb-210



126

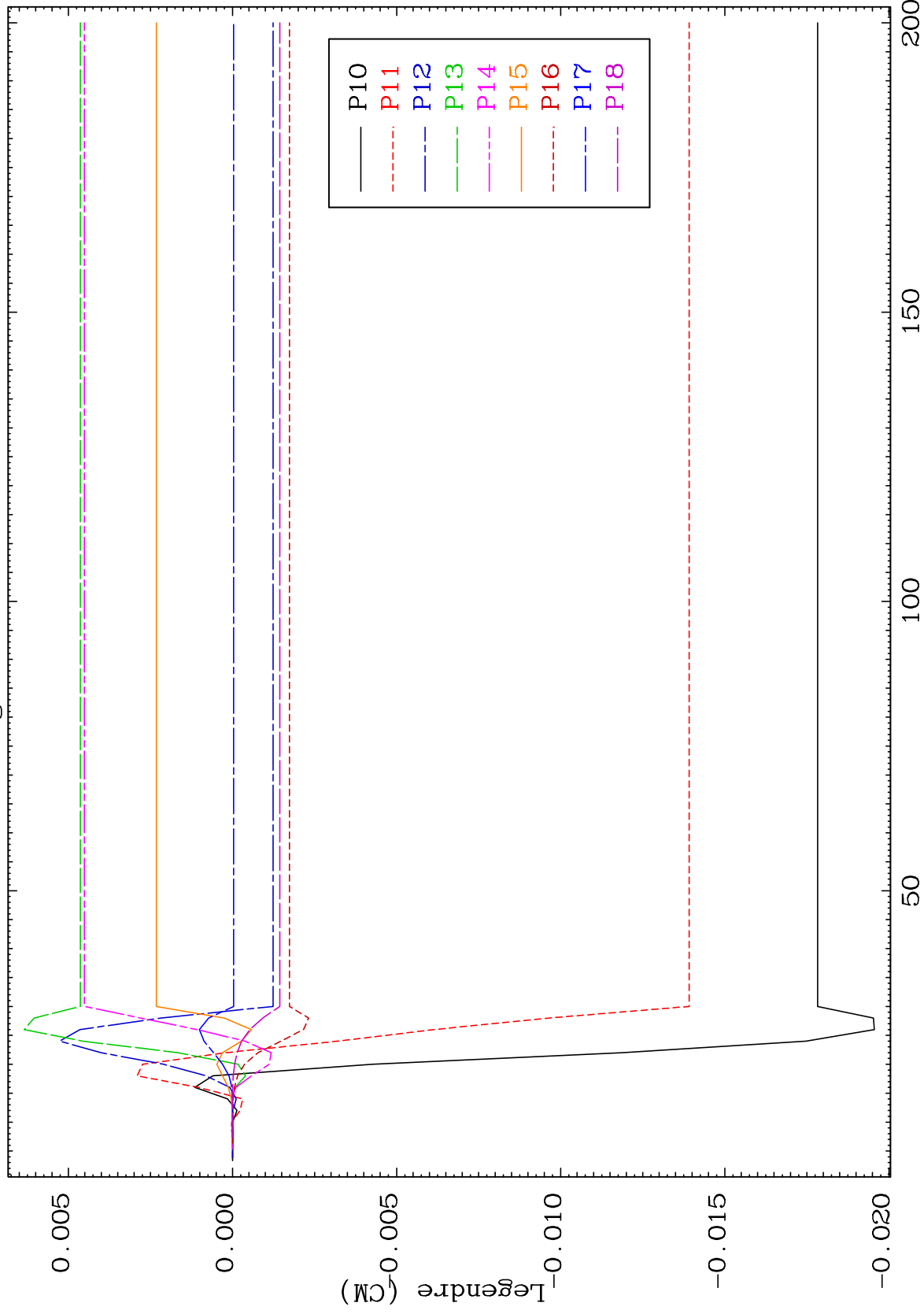
Incident Energy (MeV)

82-Pb-210

MAT 8243

3.312 MeV (n,n') Level
Legendre Coefficients

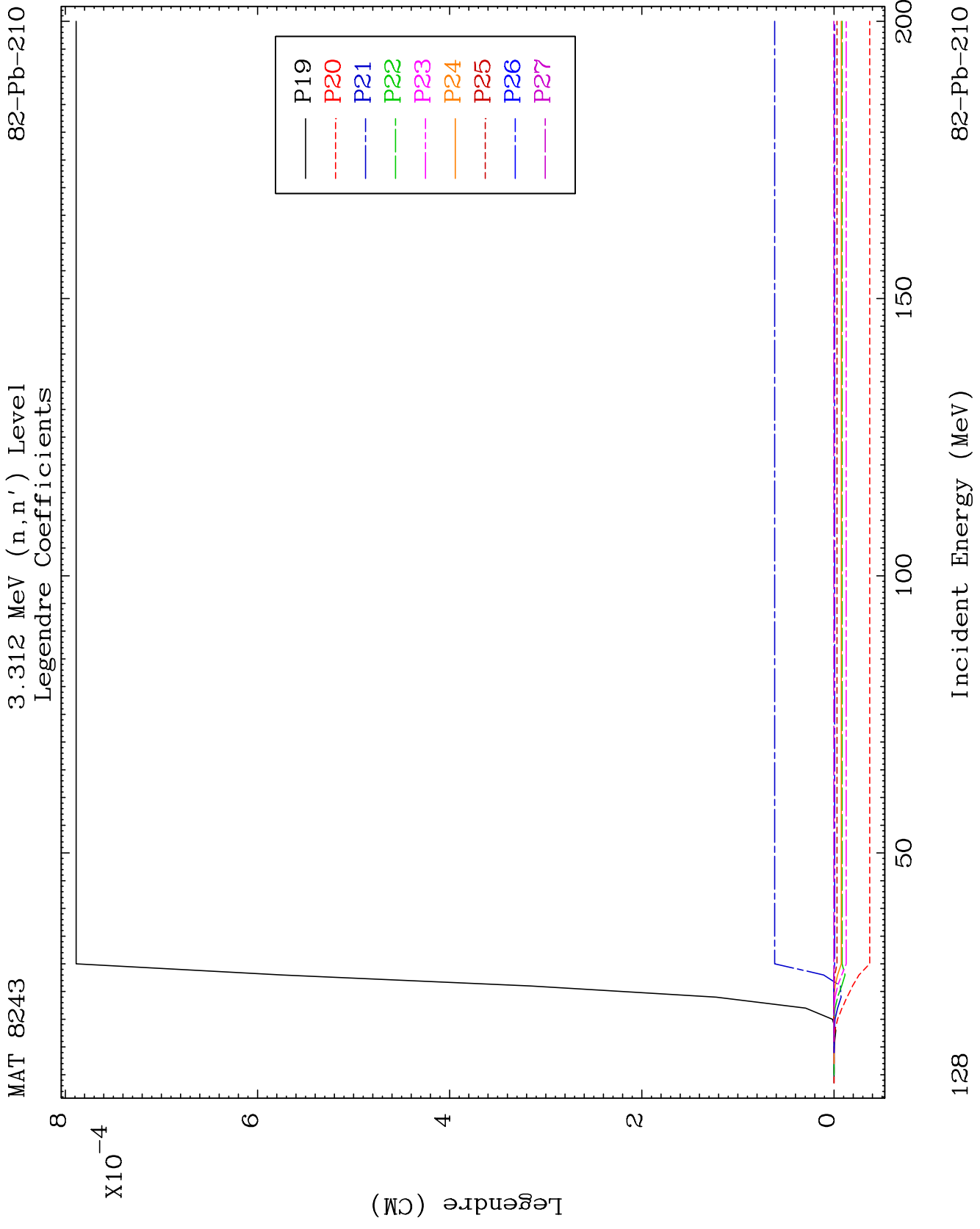
82-Pb-210

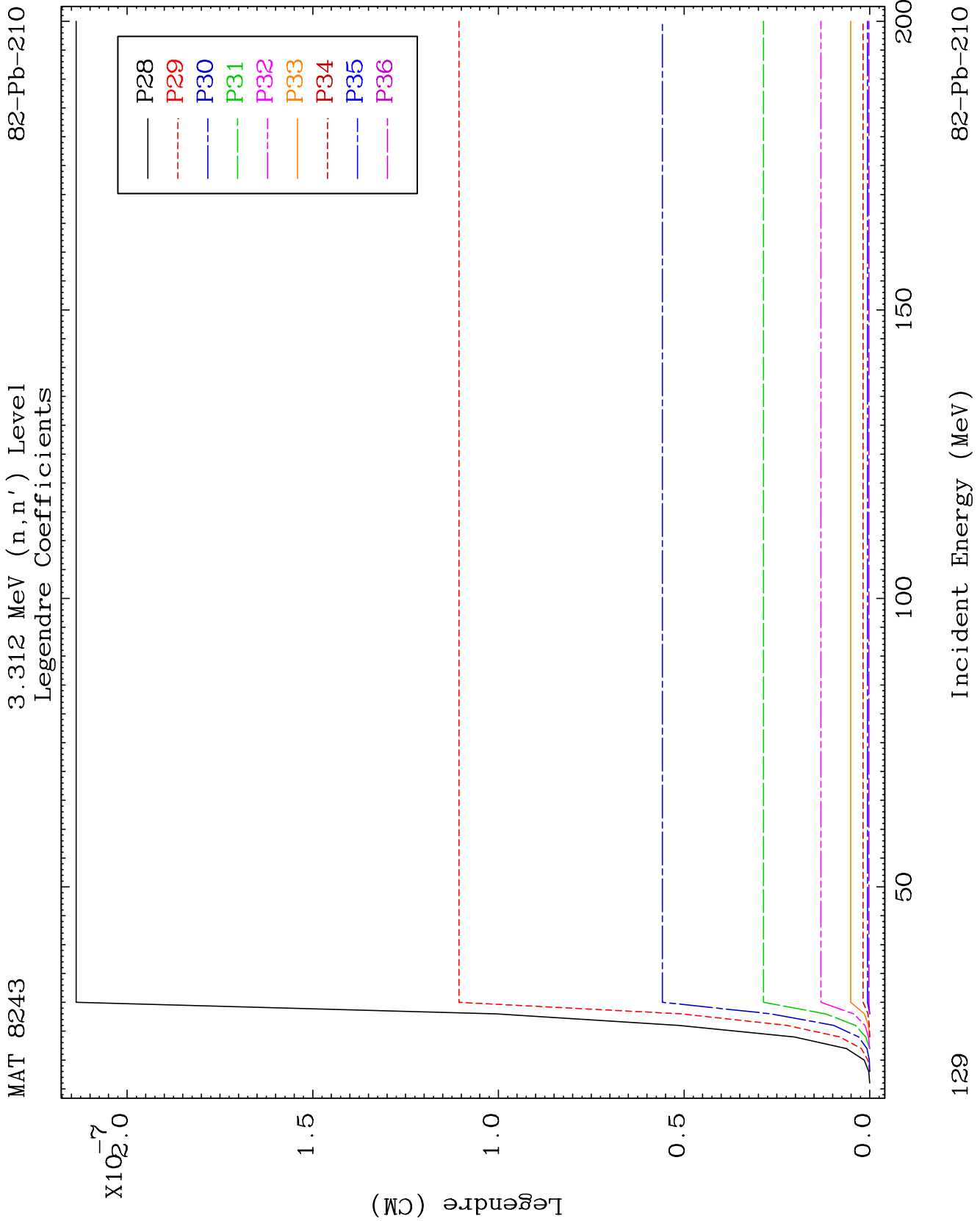


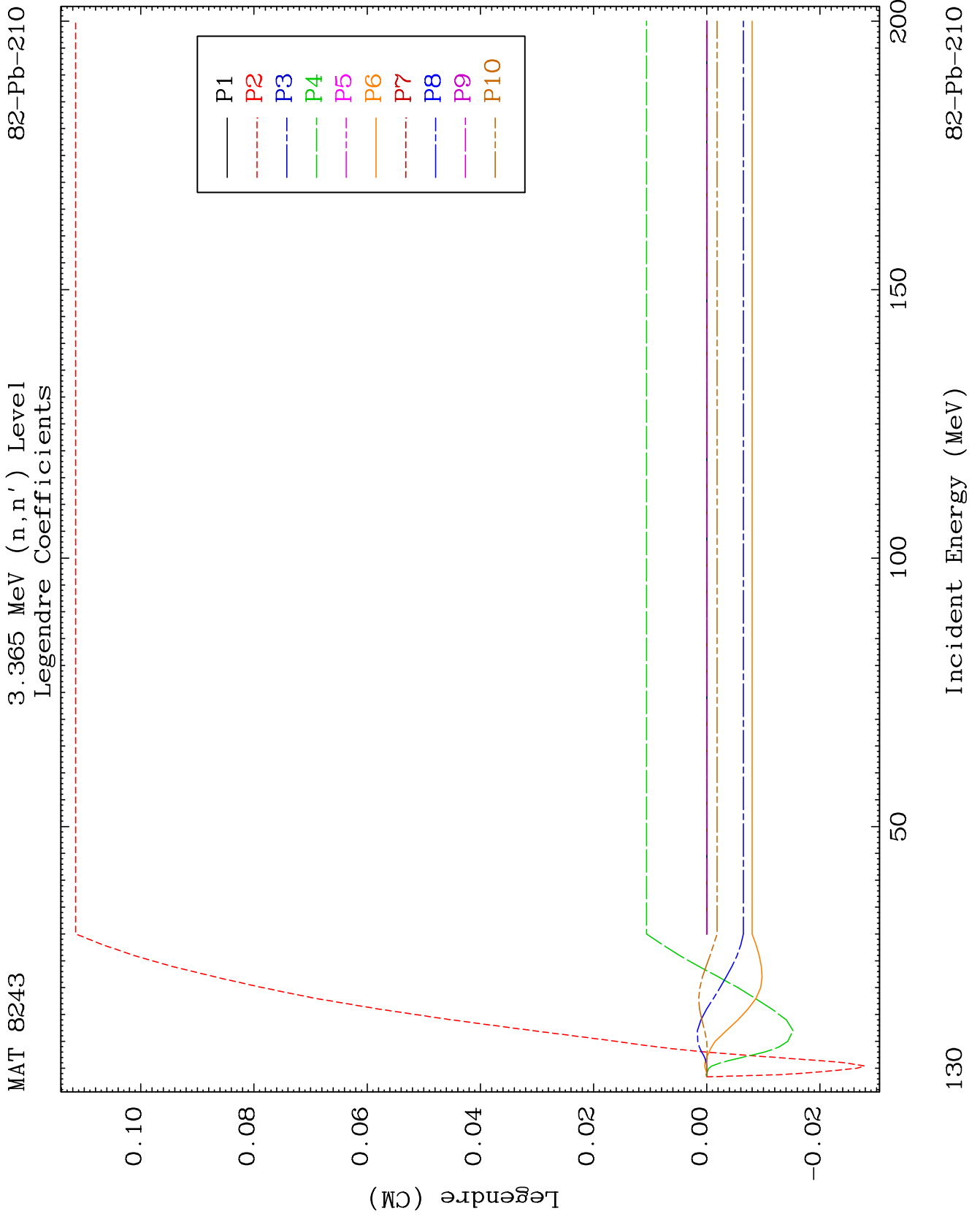
127

Incident Energy (MeV)

82-Pb-210



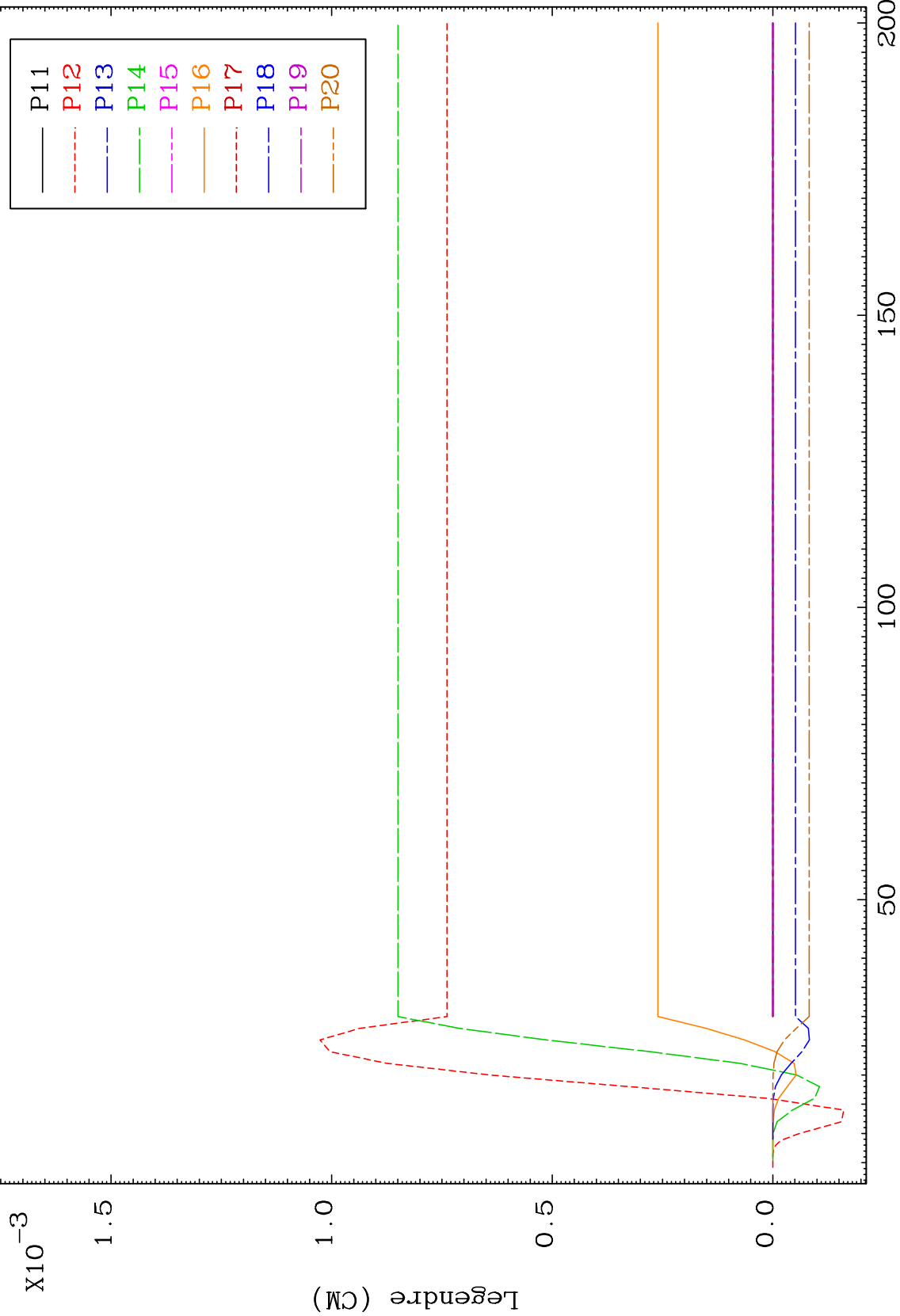




MAT 8243

3.365 MeV (n,n') Level
Legendre Coefficients

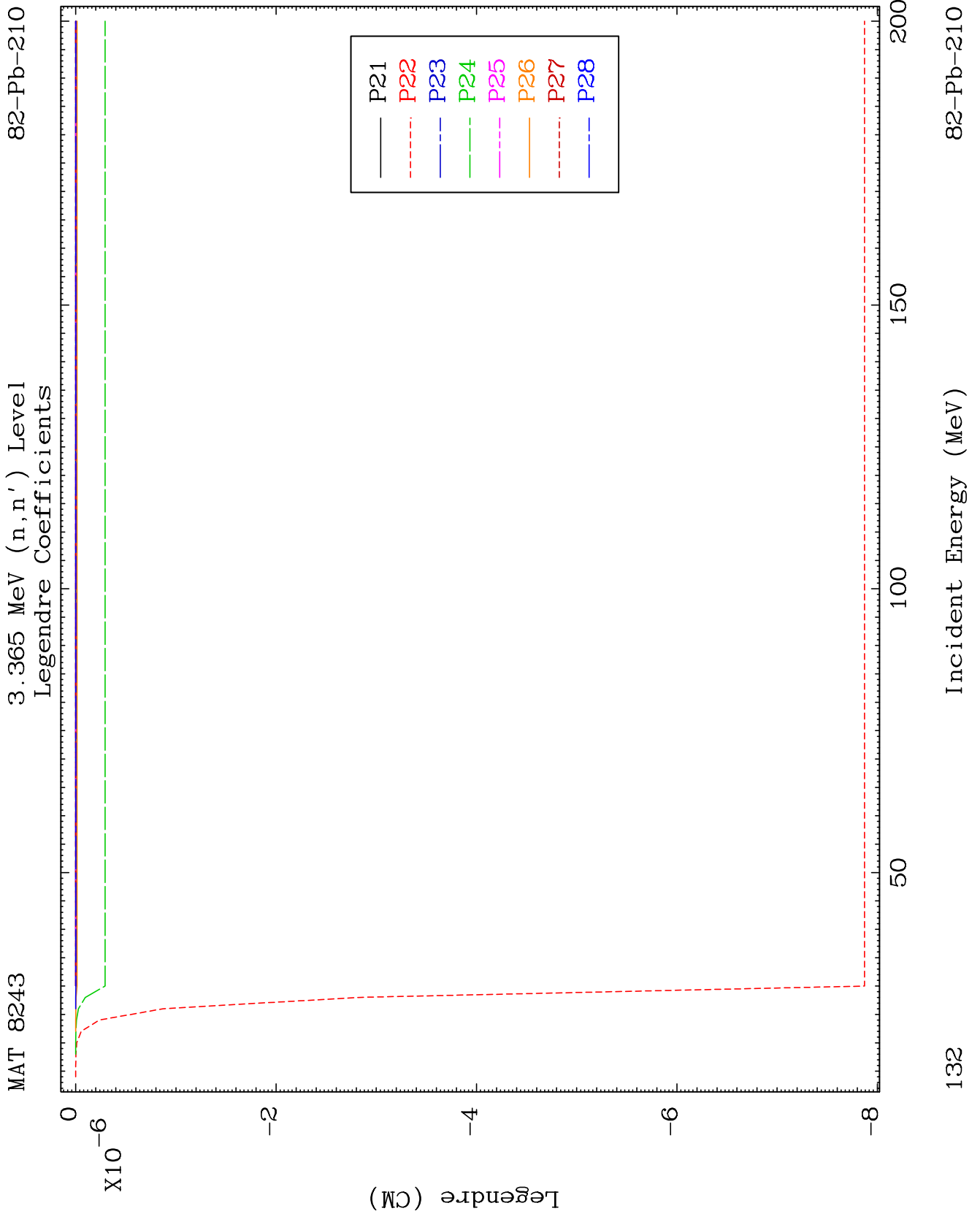
82-Pb-210



131

Incident Energy (MeV)

82-Pb-210

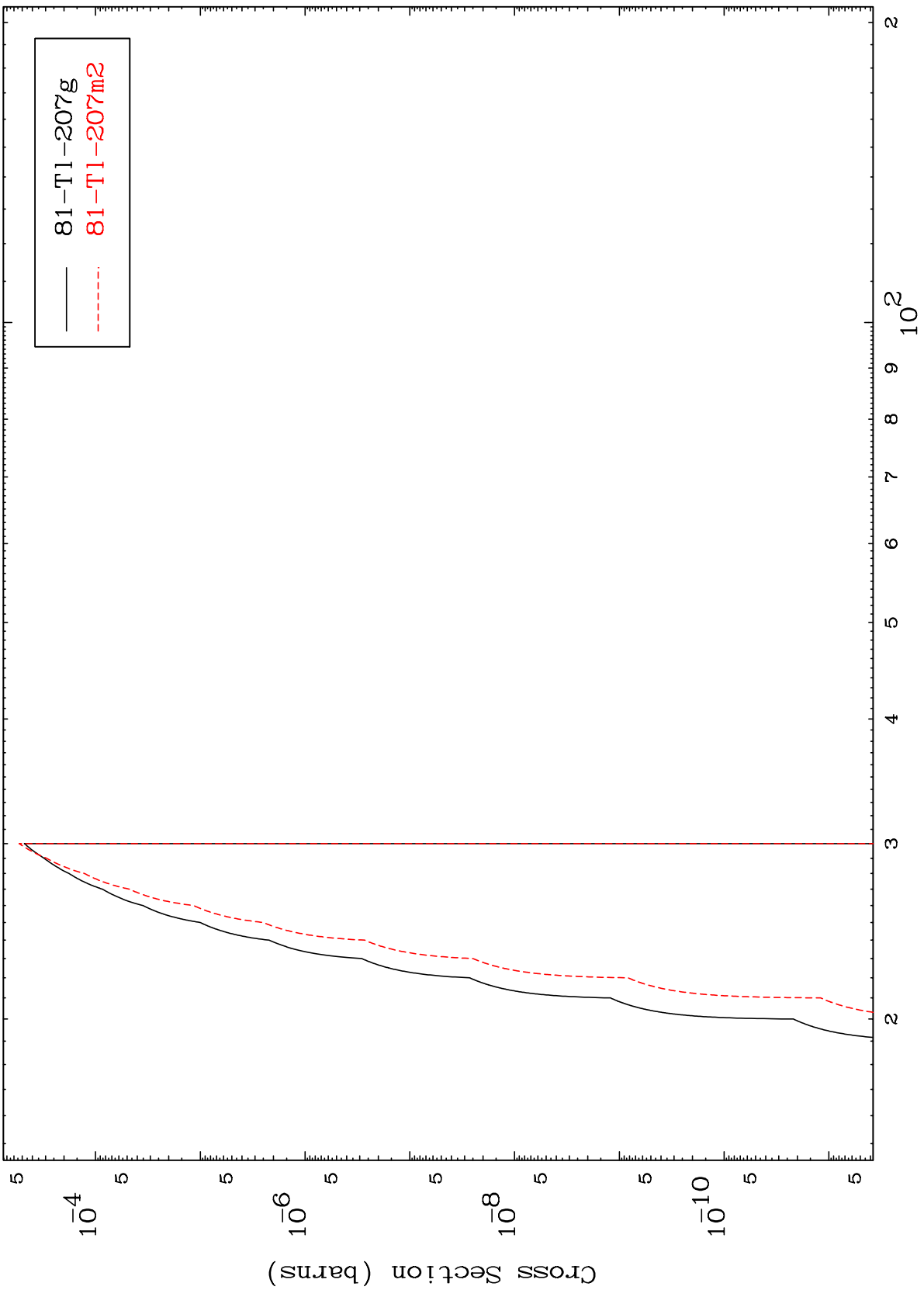


MAT 8243

(n,2n) d

82-Pb-210

Radionuclide Production Cross Section



133

Incident Energy (MeV)

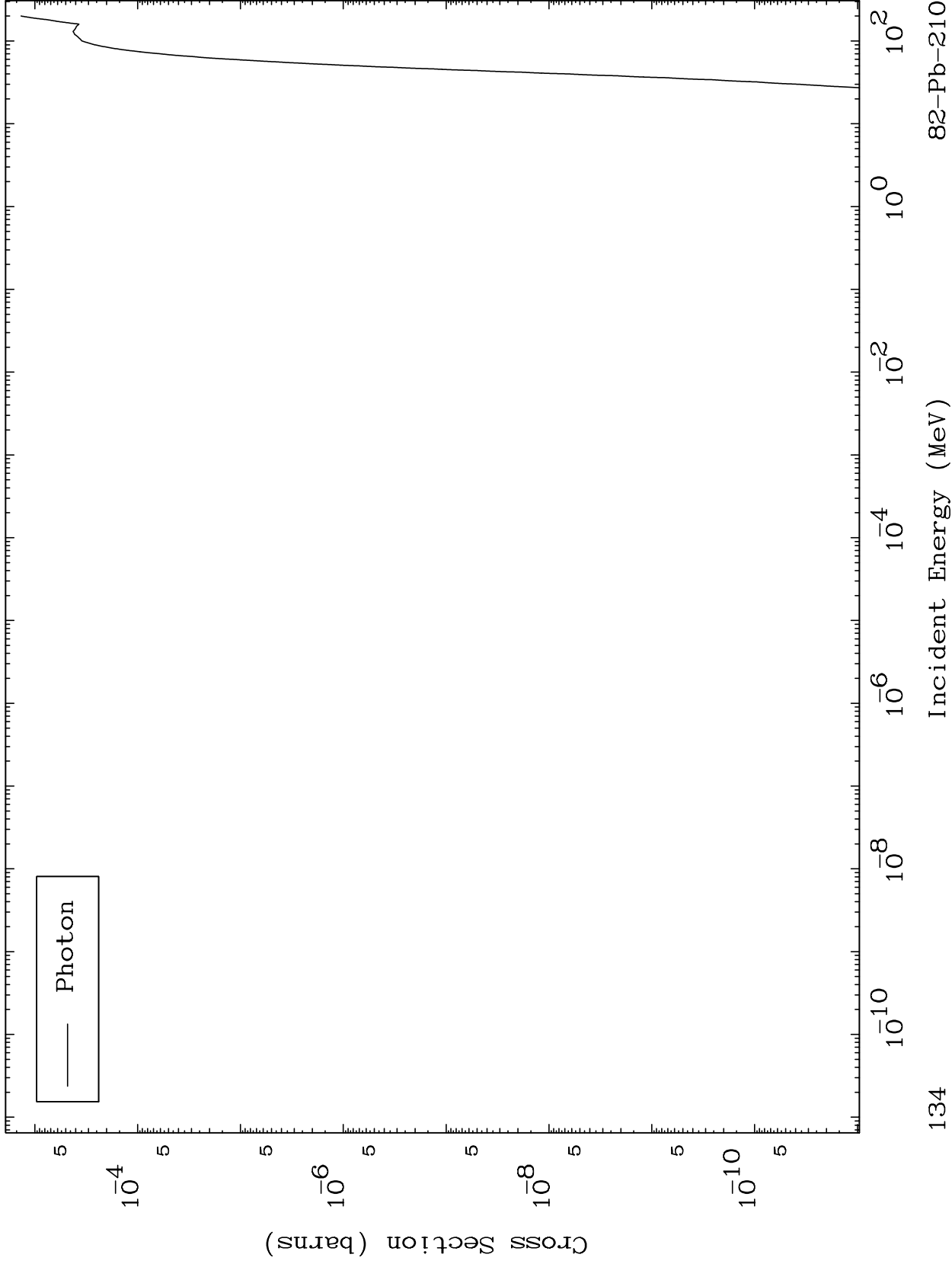
82-Pb-210

MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section

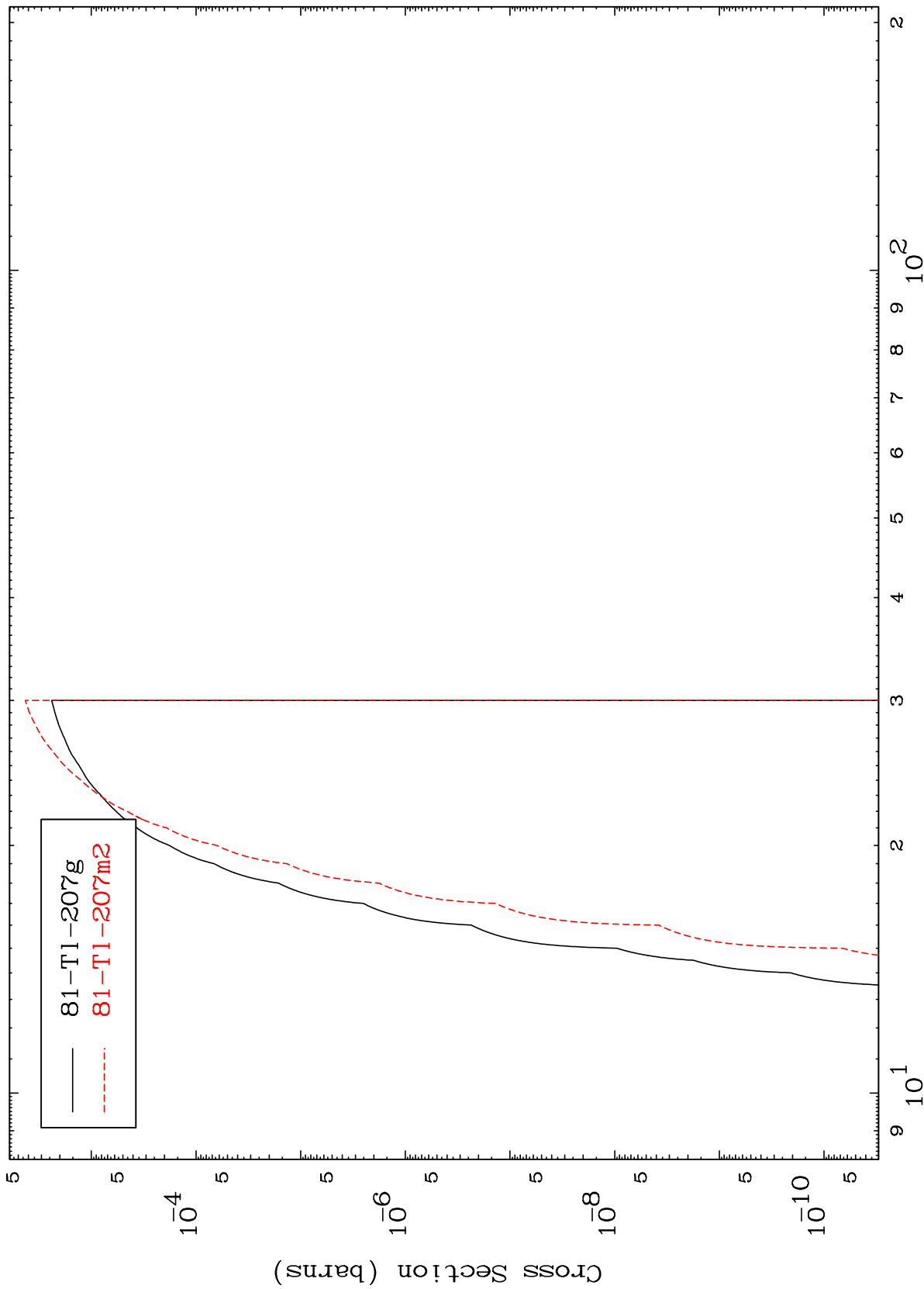


MAT 8243

(n,n') t

82-Pb-210

Radionuclide Production Cross Section



135

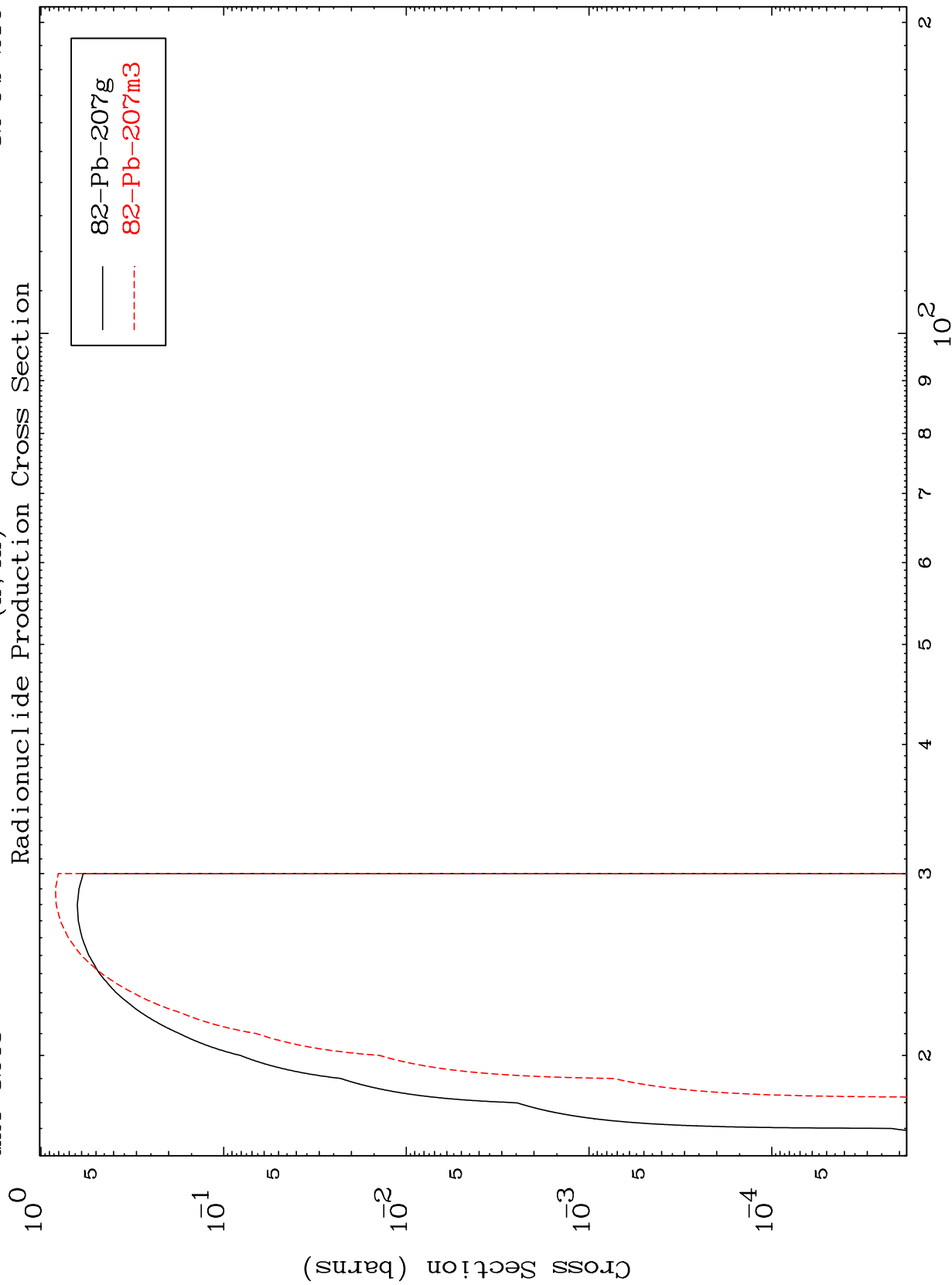
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,4n)
Radionuclide Production Cross Section



82-Pb-207g
82-Pb-207m3

82-Pb-210

Incident Energy (MeV)

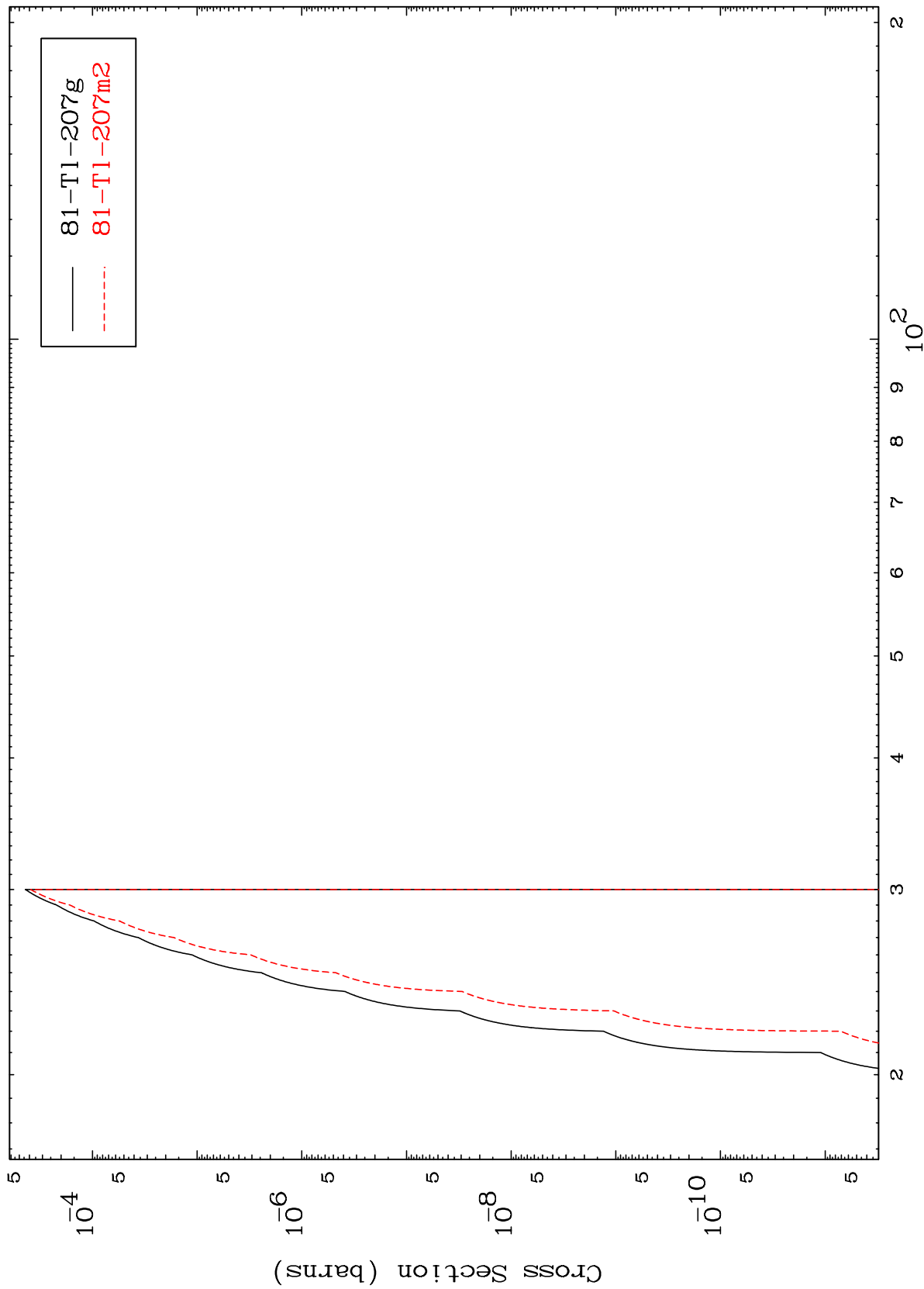
136

MAT 8243

(n,3n) p

82-Pb-210

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2

137

Incident Energy (MeV)

82-Pb-210