

Program EVALPLOT
(Version 2015-2)

by

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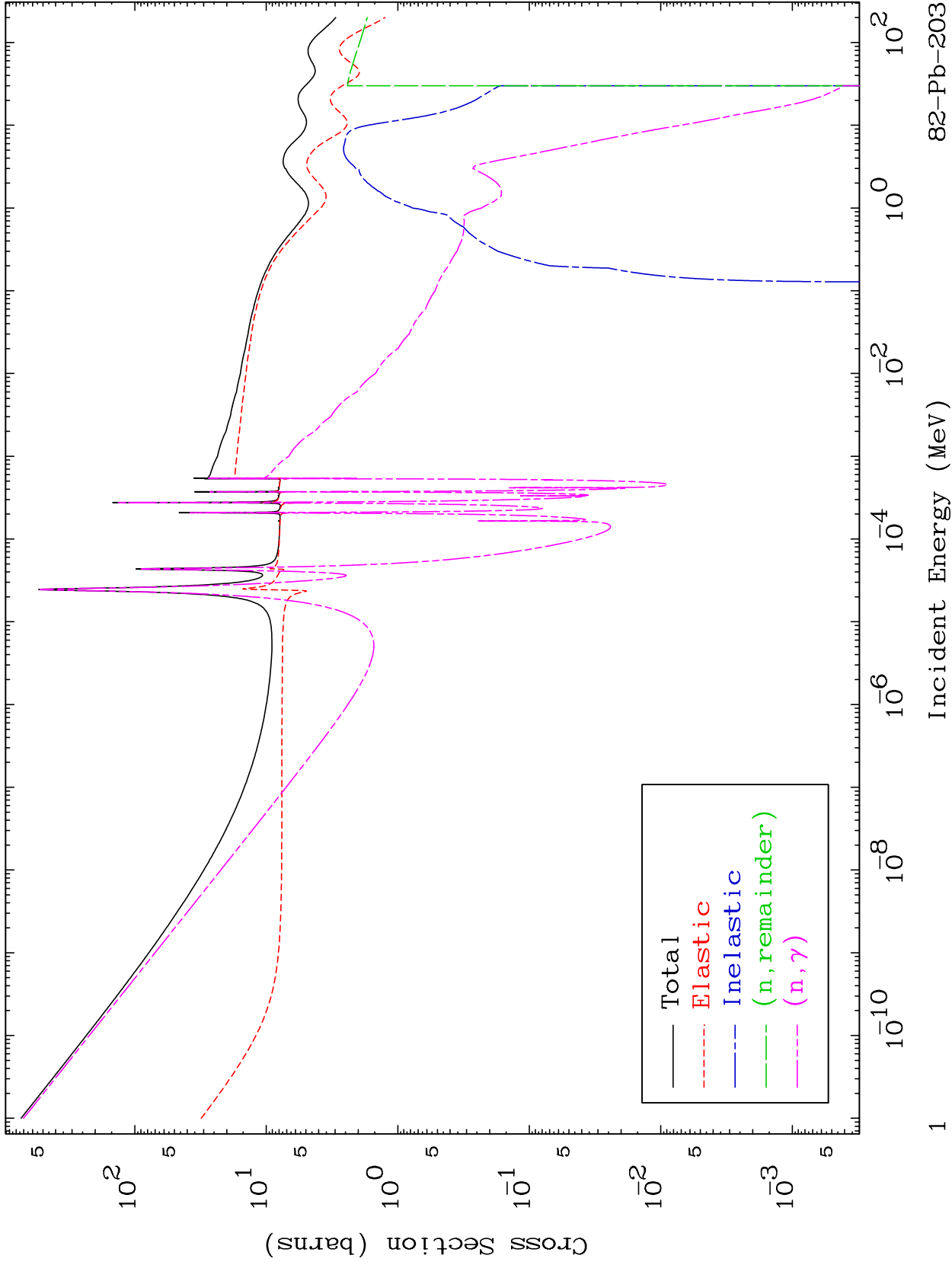
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8222

Major
293 Kelvin Cross Sections

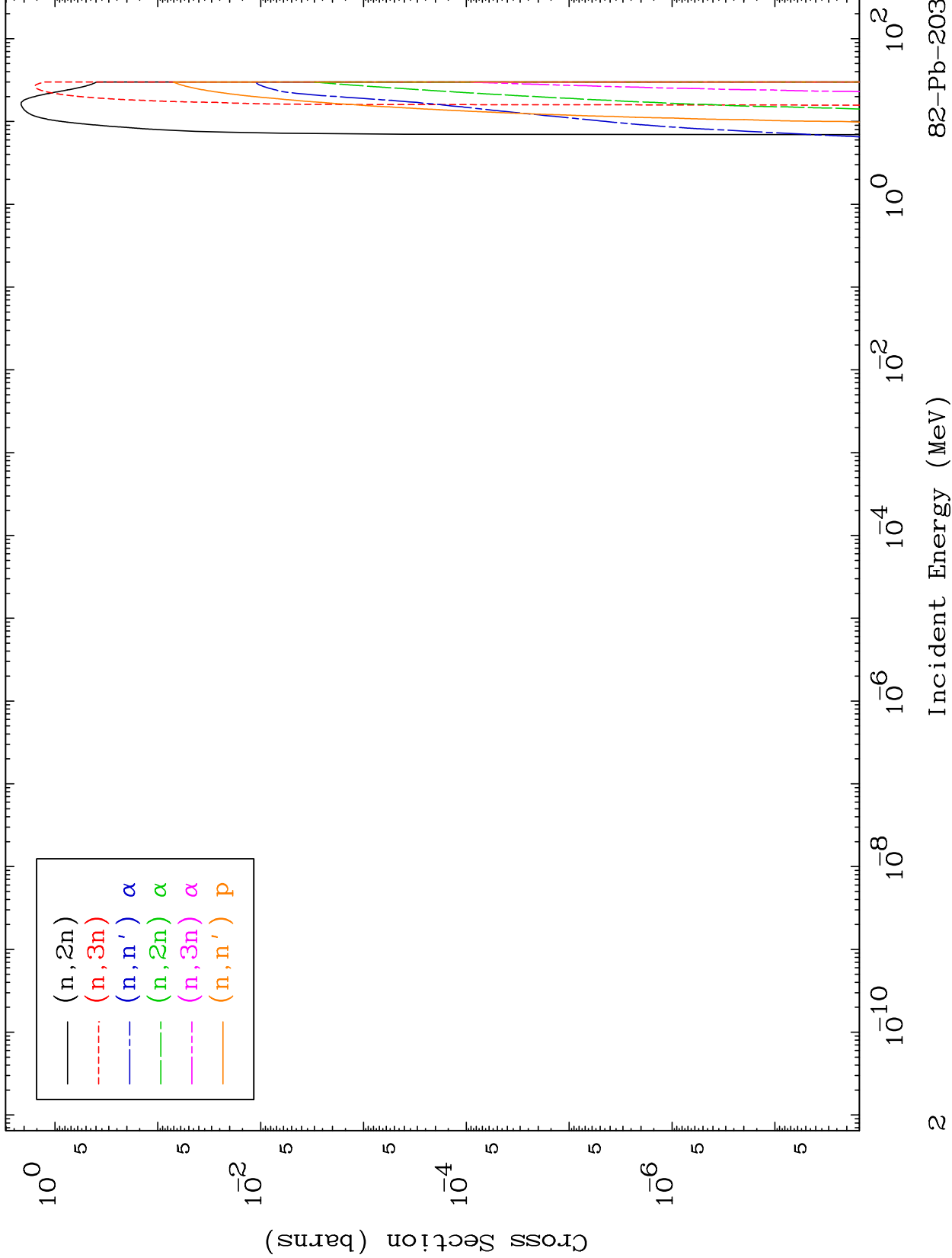
82-Pb-203



MAT 8222

Neutron Production
293 Kelvin Cross Sections

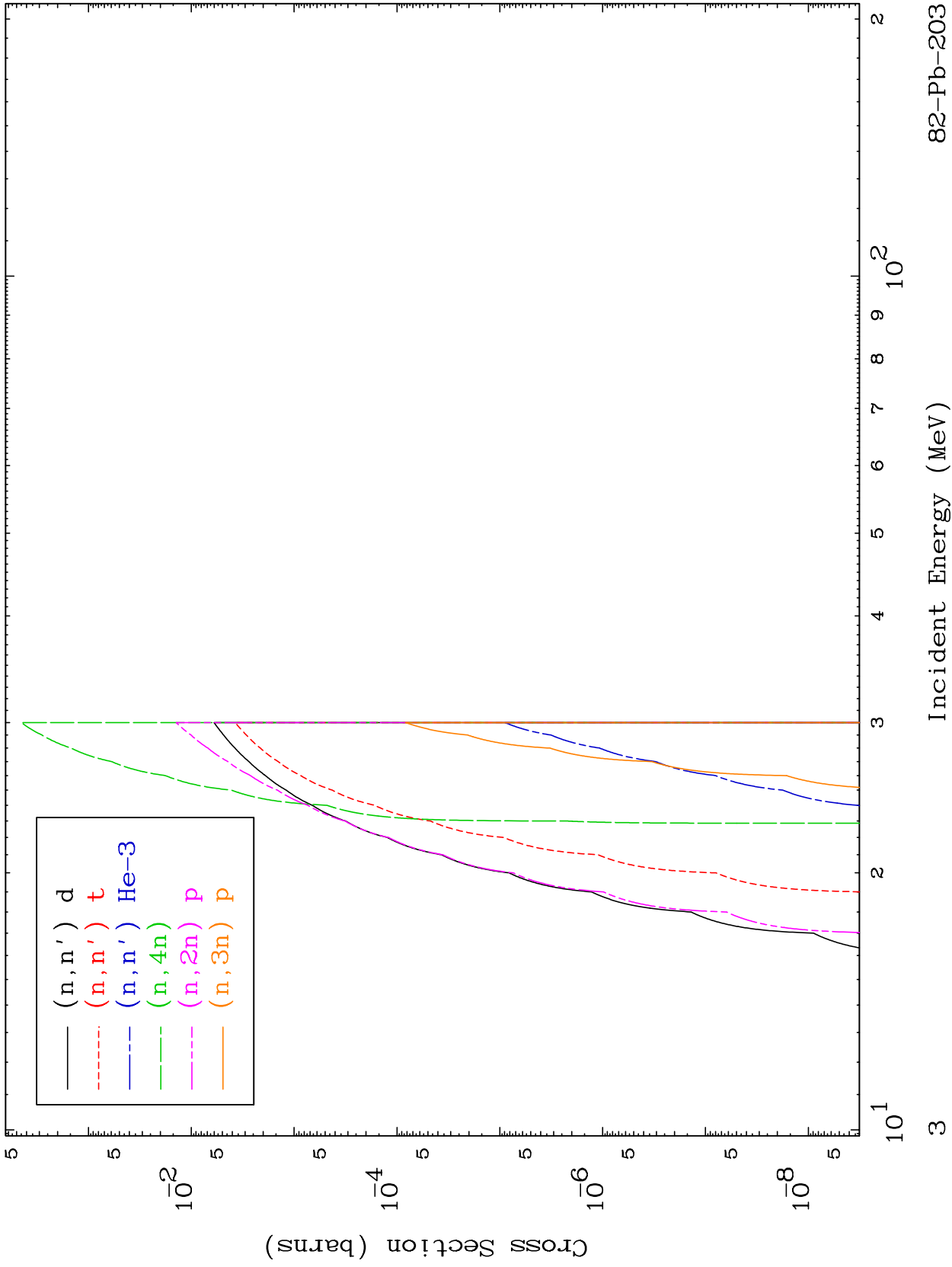
82-Pb-203



MAT 8222

Neutron Production
293 Kelvin Cross Sections

82-Pb-203

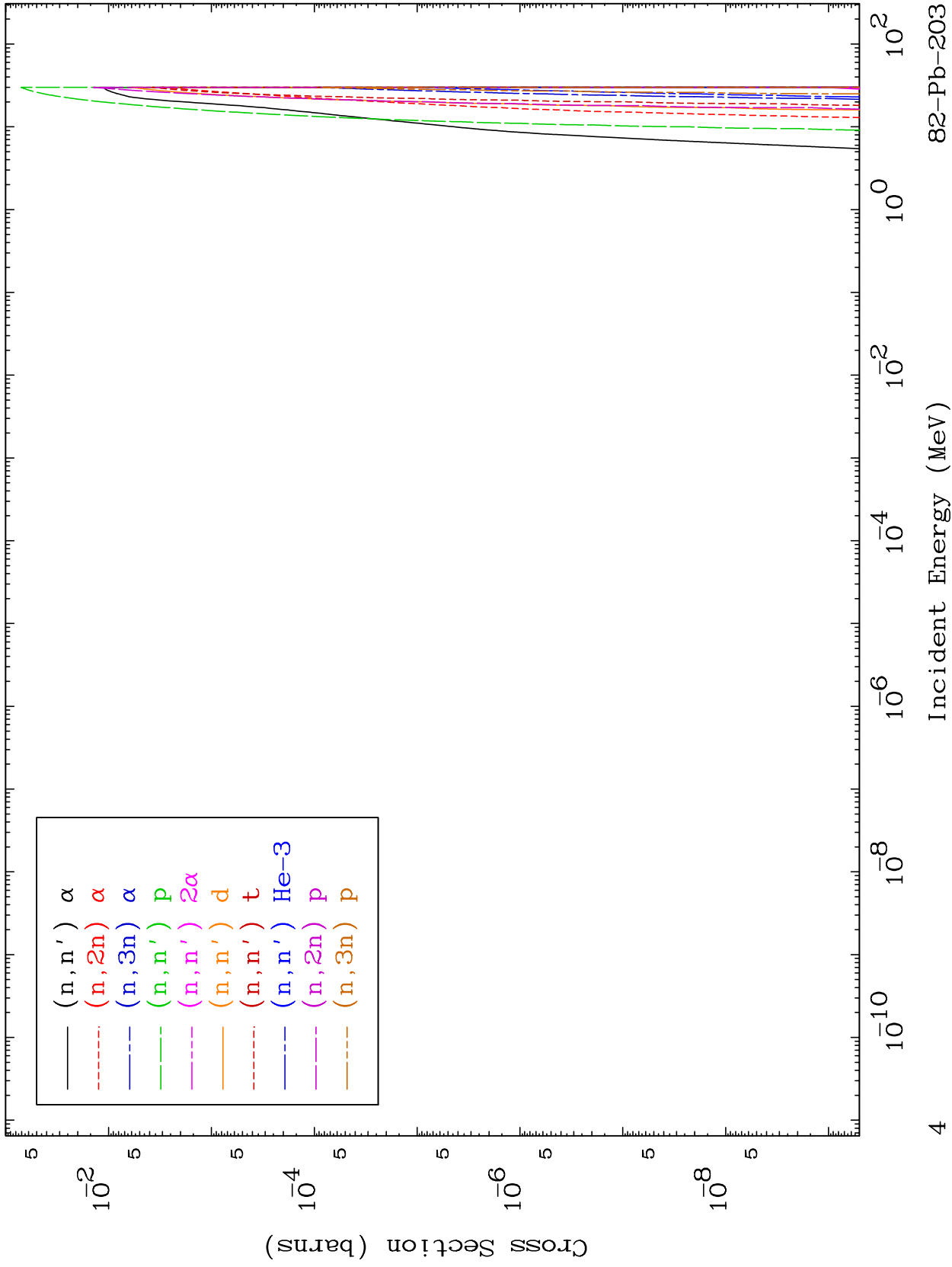


82-Pb-203

MAT 8222

Charged Particle
293 Kelvin Cross Sections

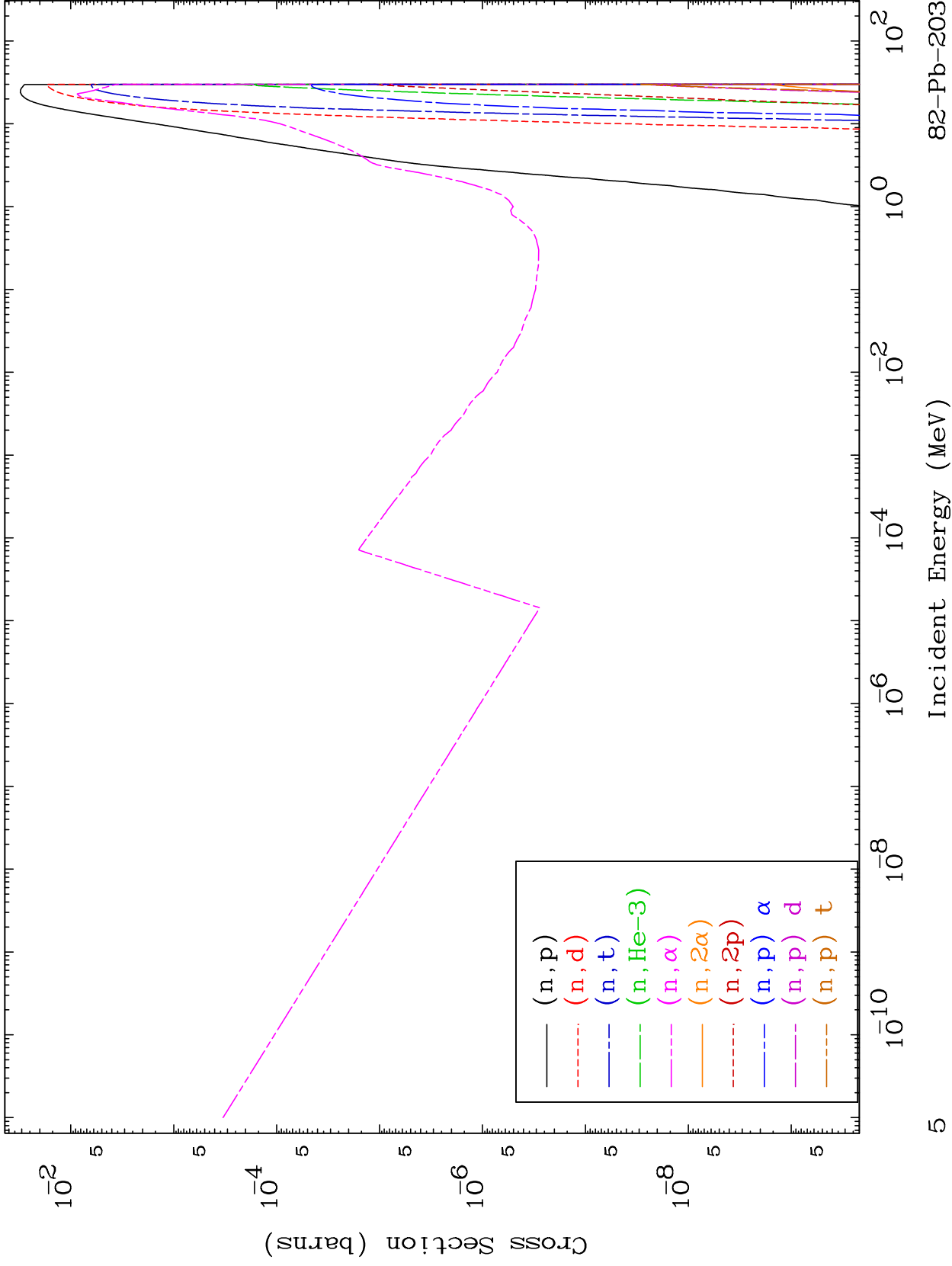
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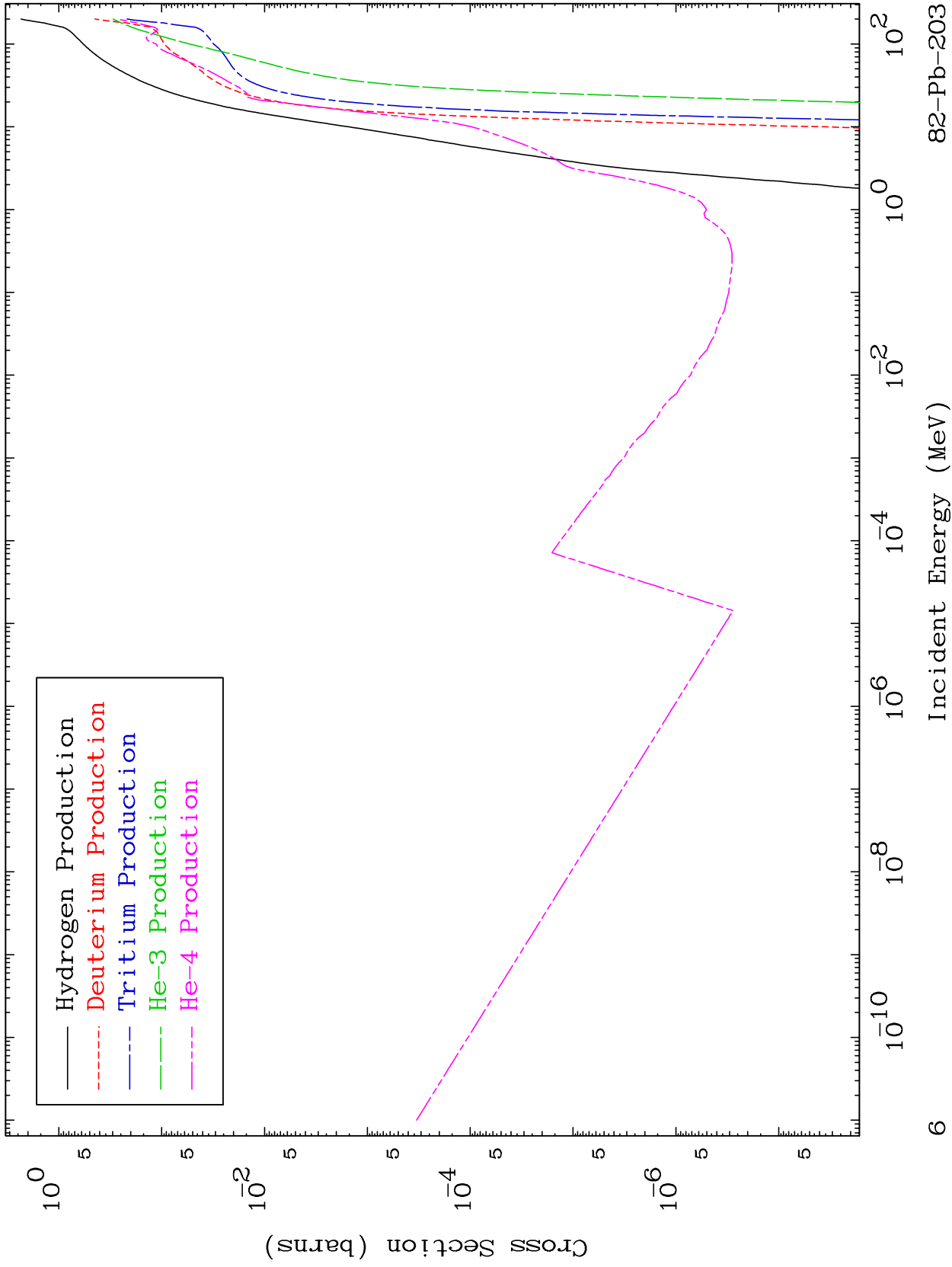


MAT 82222

Charged Particle
293 Kelvin Cross Sections

82-Pb-203

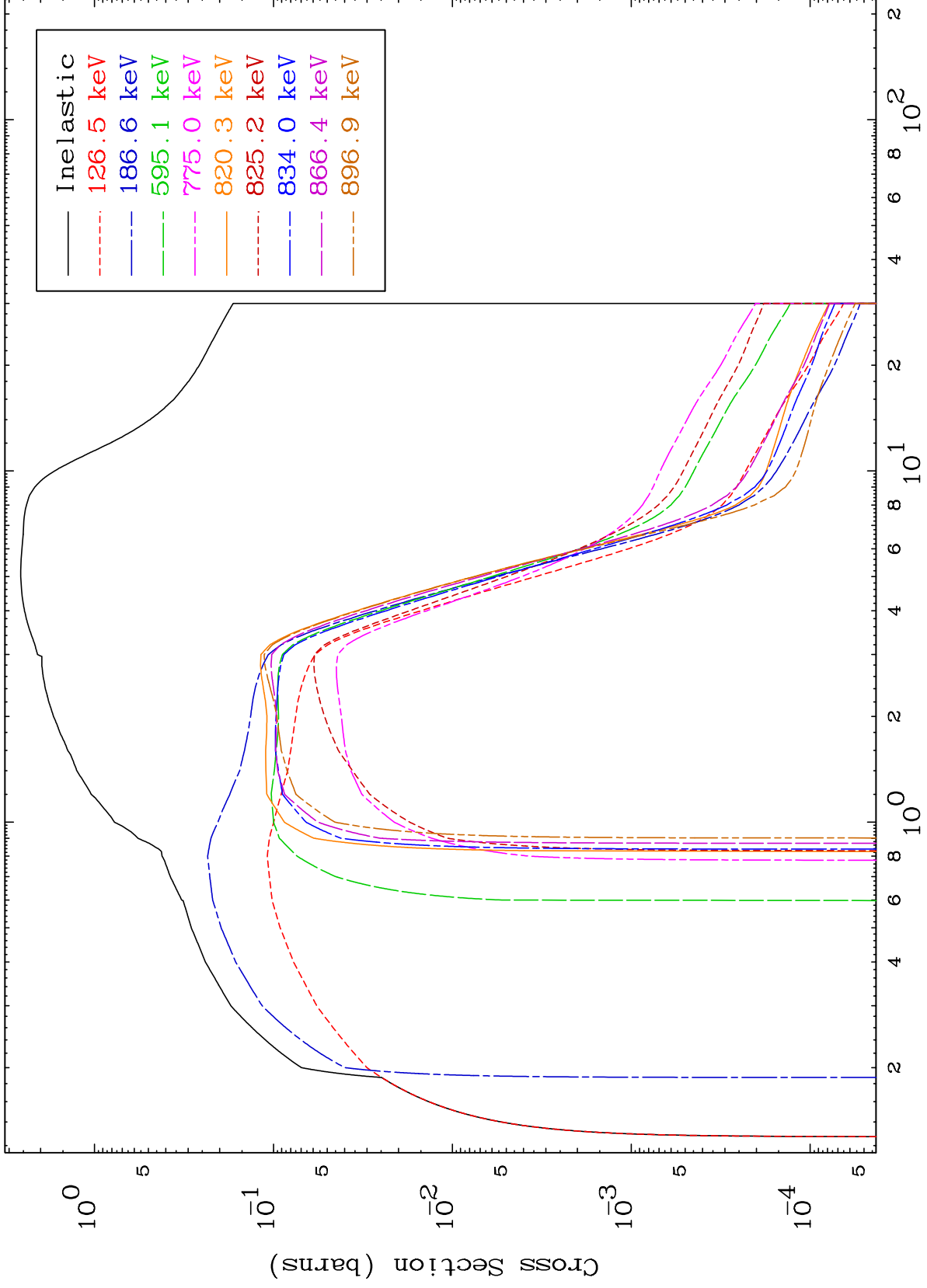




MAT 8222

(n,n') Level
293 Kelvin Cross Sections

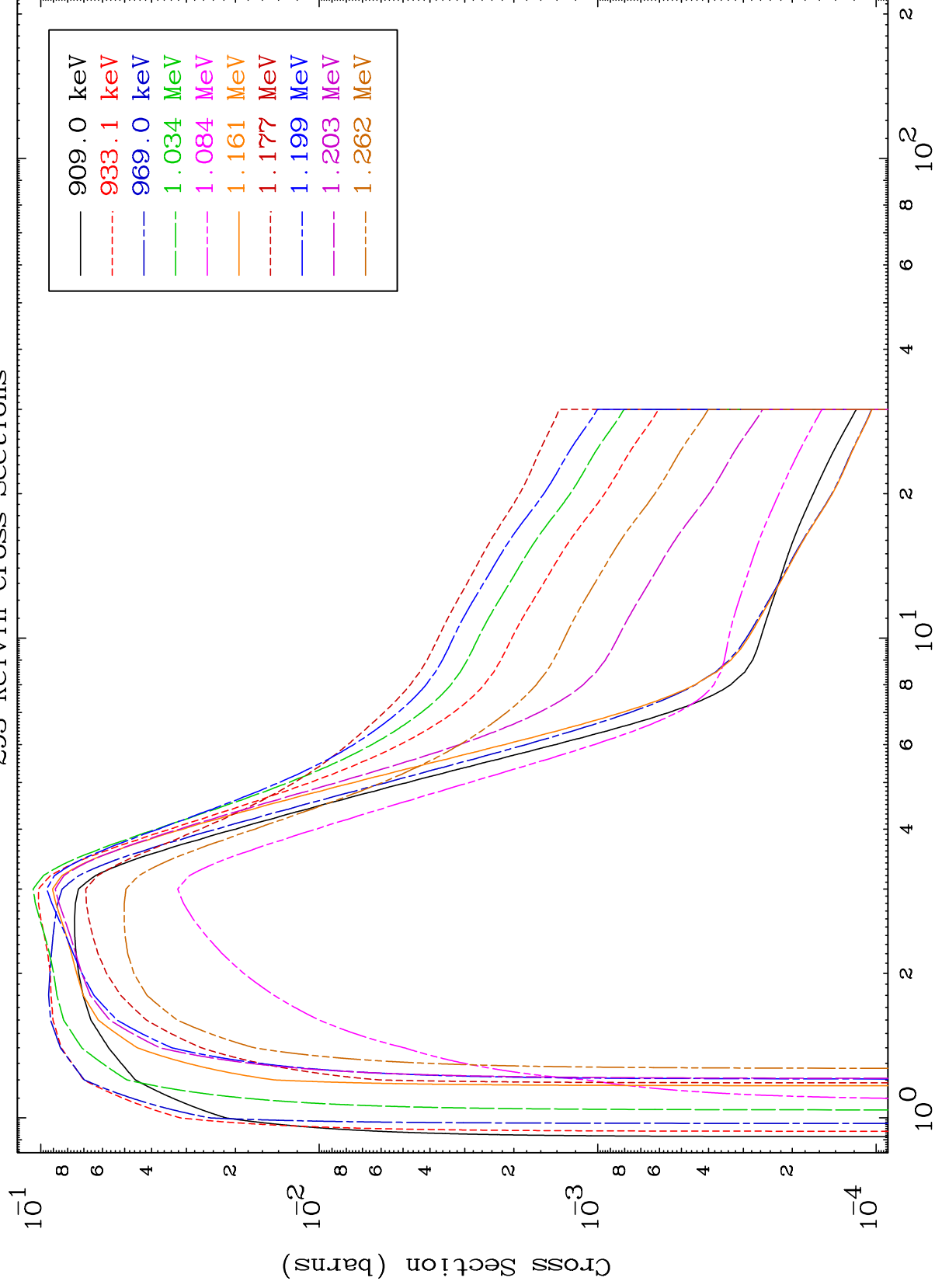
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MAT 8222

(n,n') Level
293 Kelvin Cross Sections

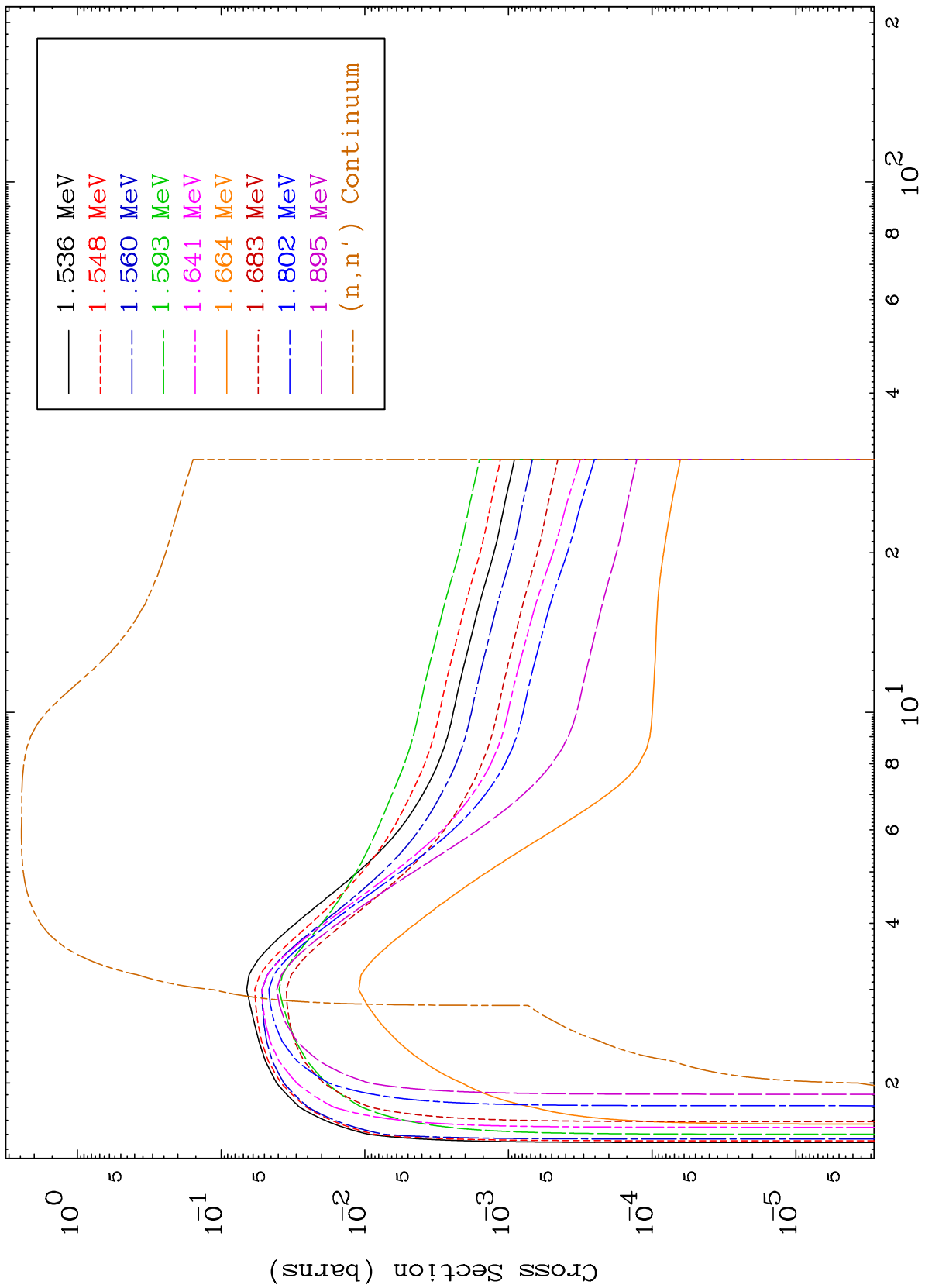
82-Pb-203



Incident Energy (MeV)

82-Pb-203

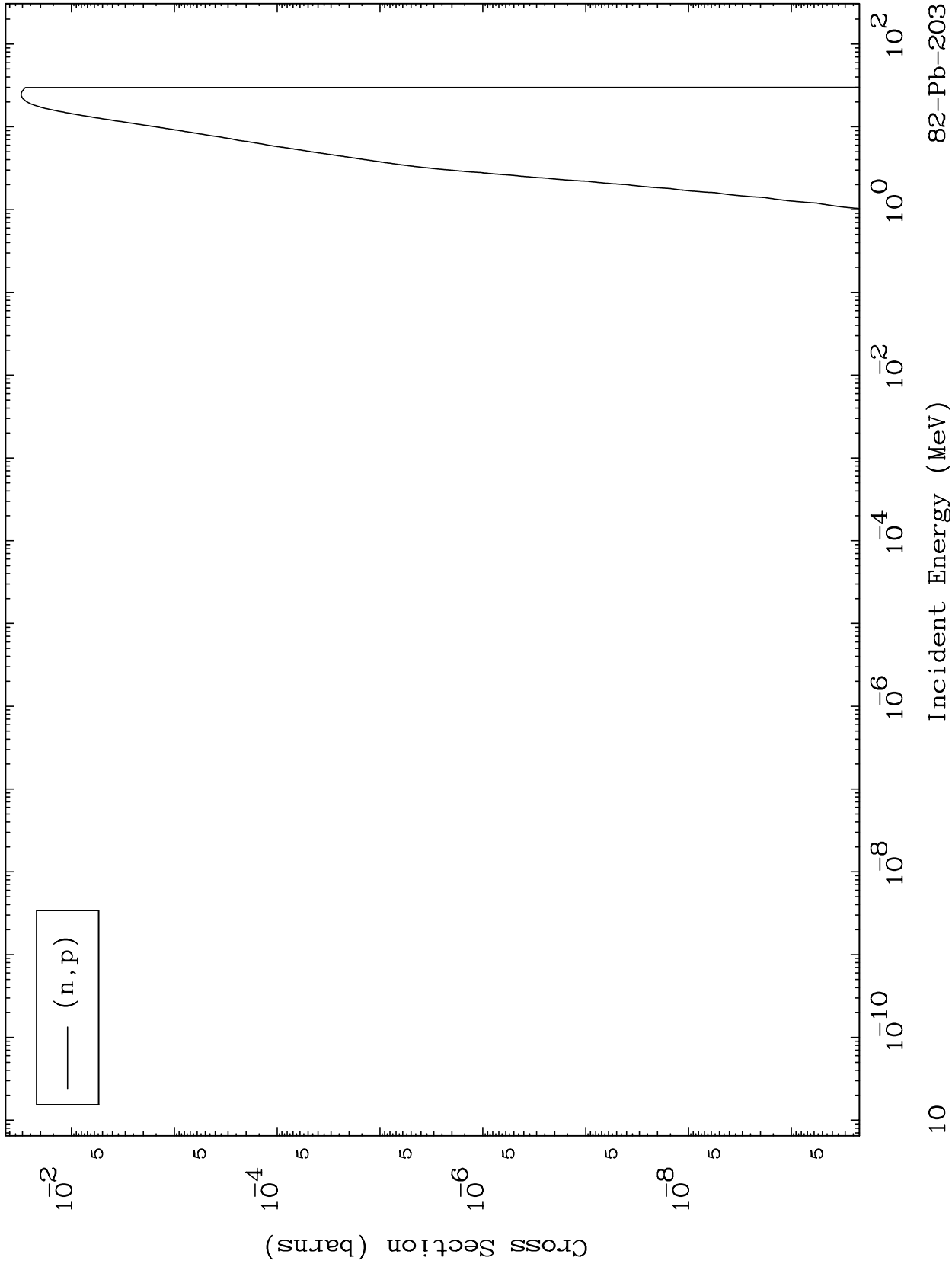
293 Kelvin Cross Sections



MAT 8222

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-203



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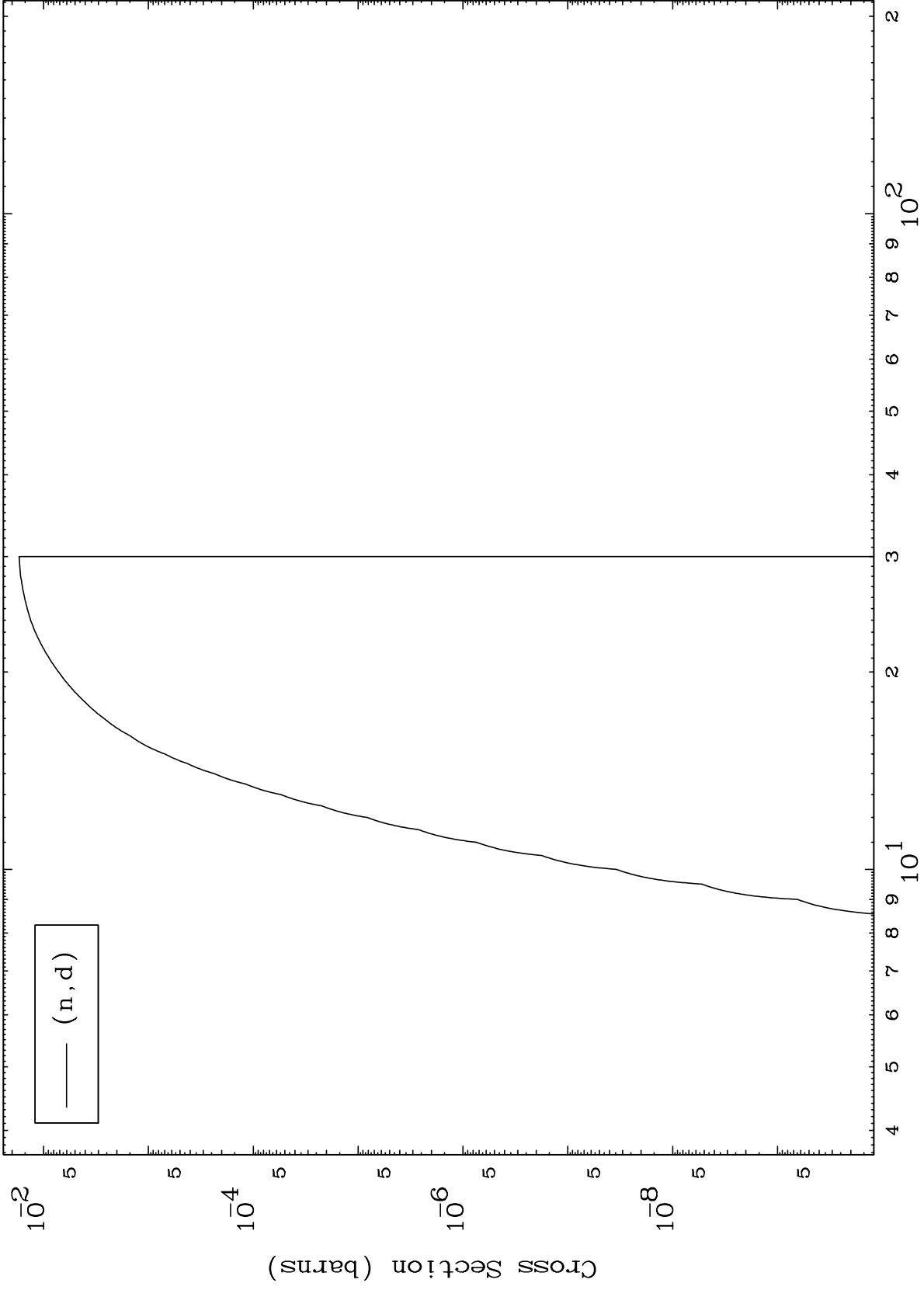
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-203



(n,d)

11

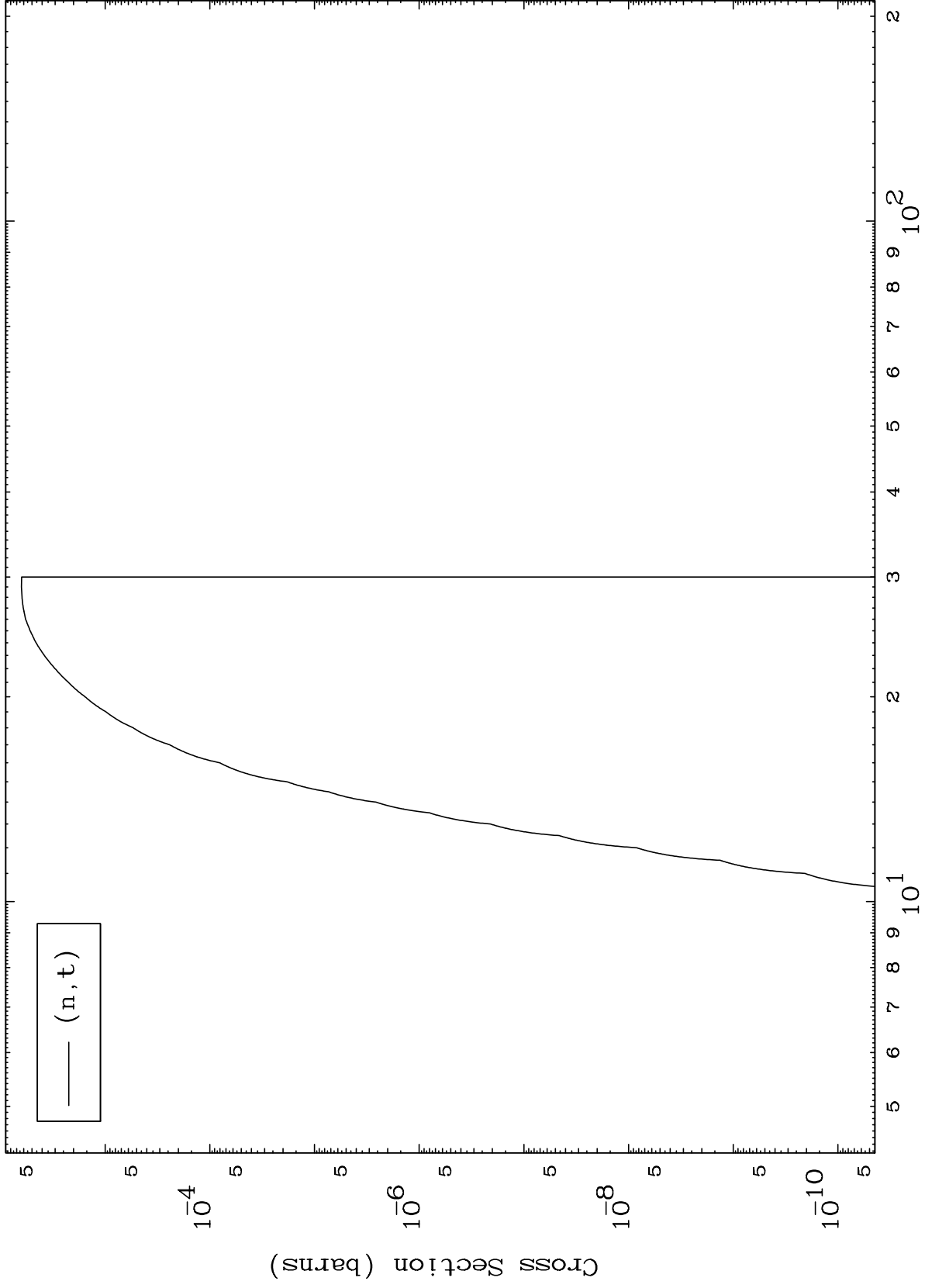
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-203



12

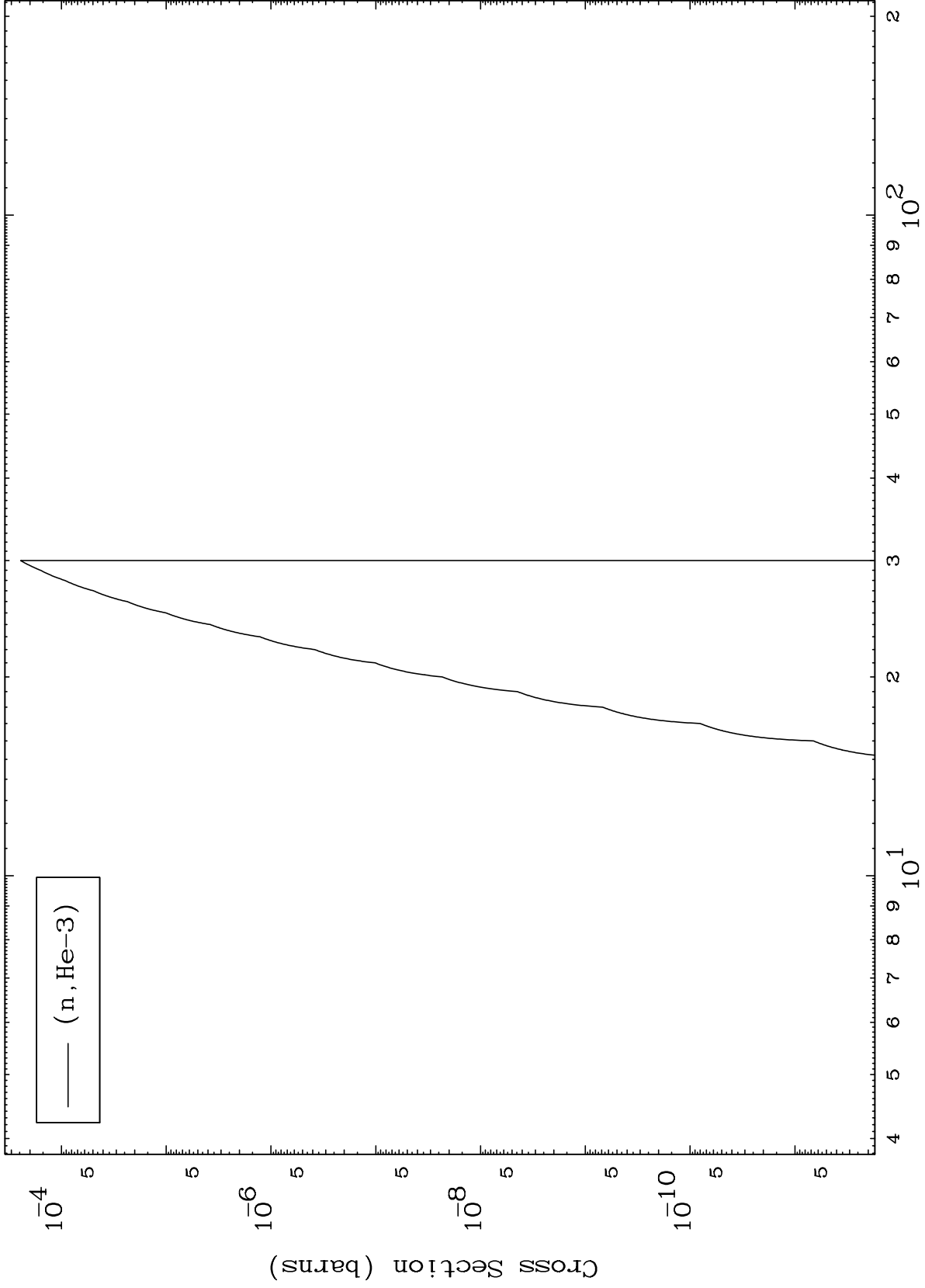
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,He3) Levels
293 Kelvin Cross Sections

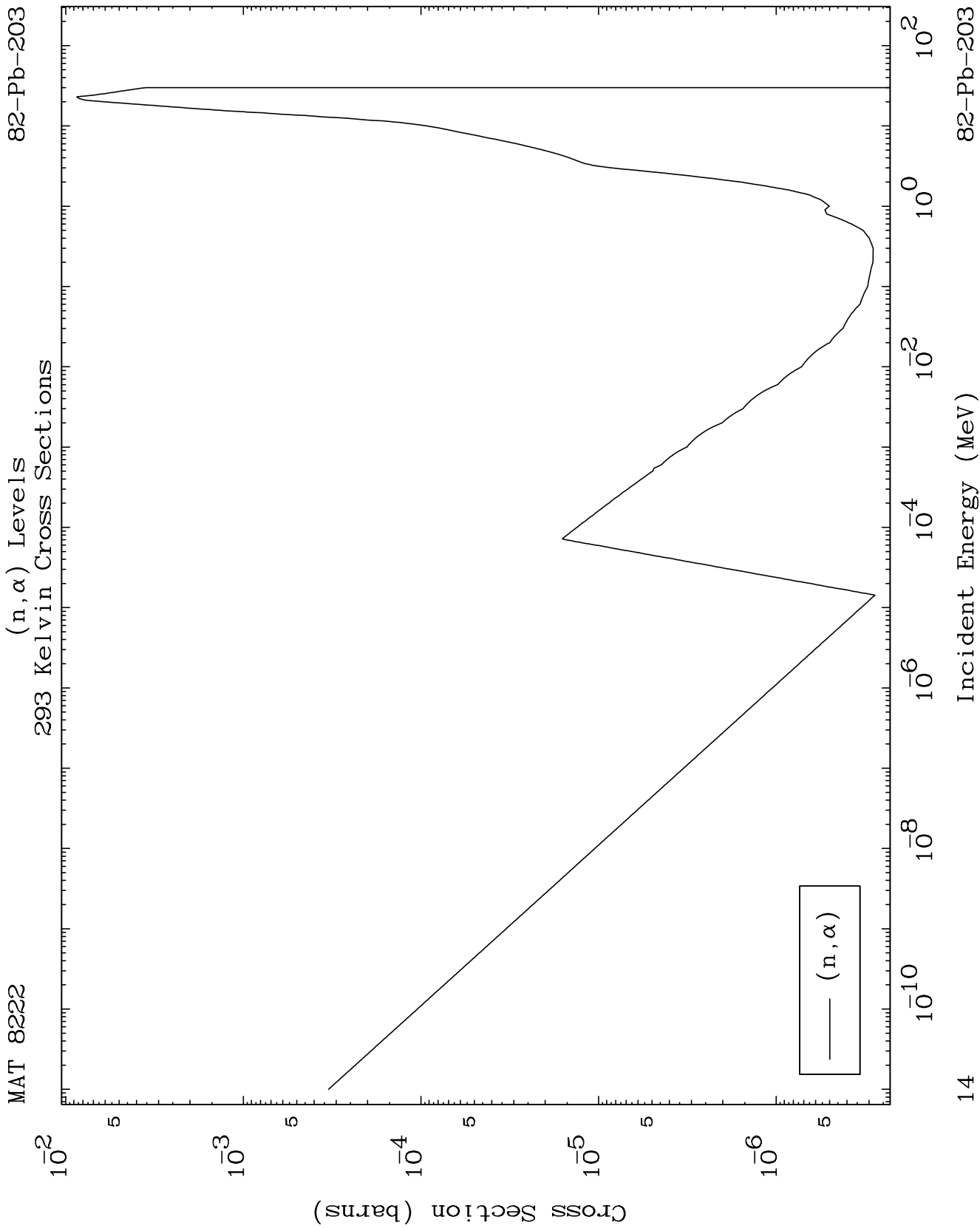
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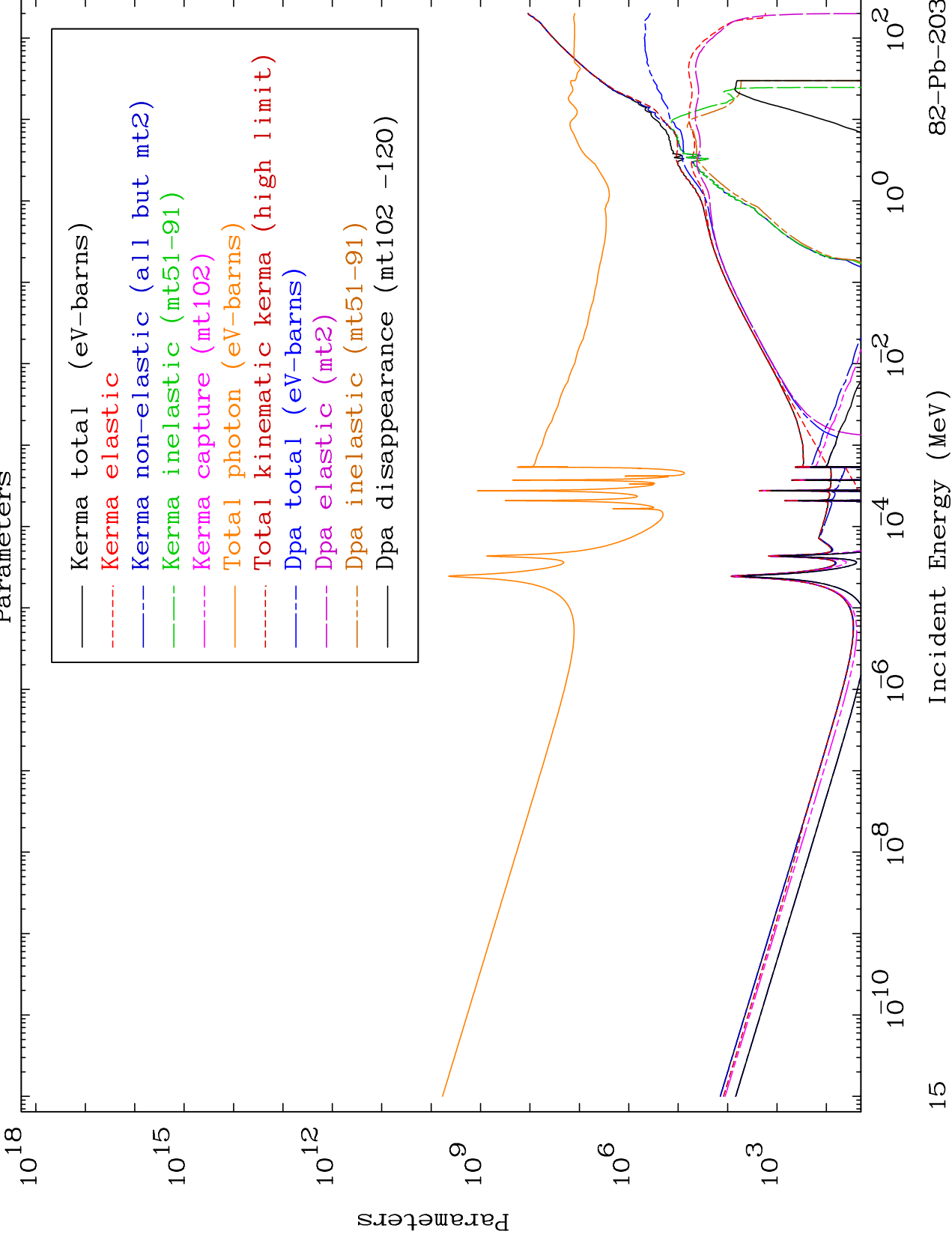


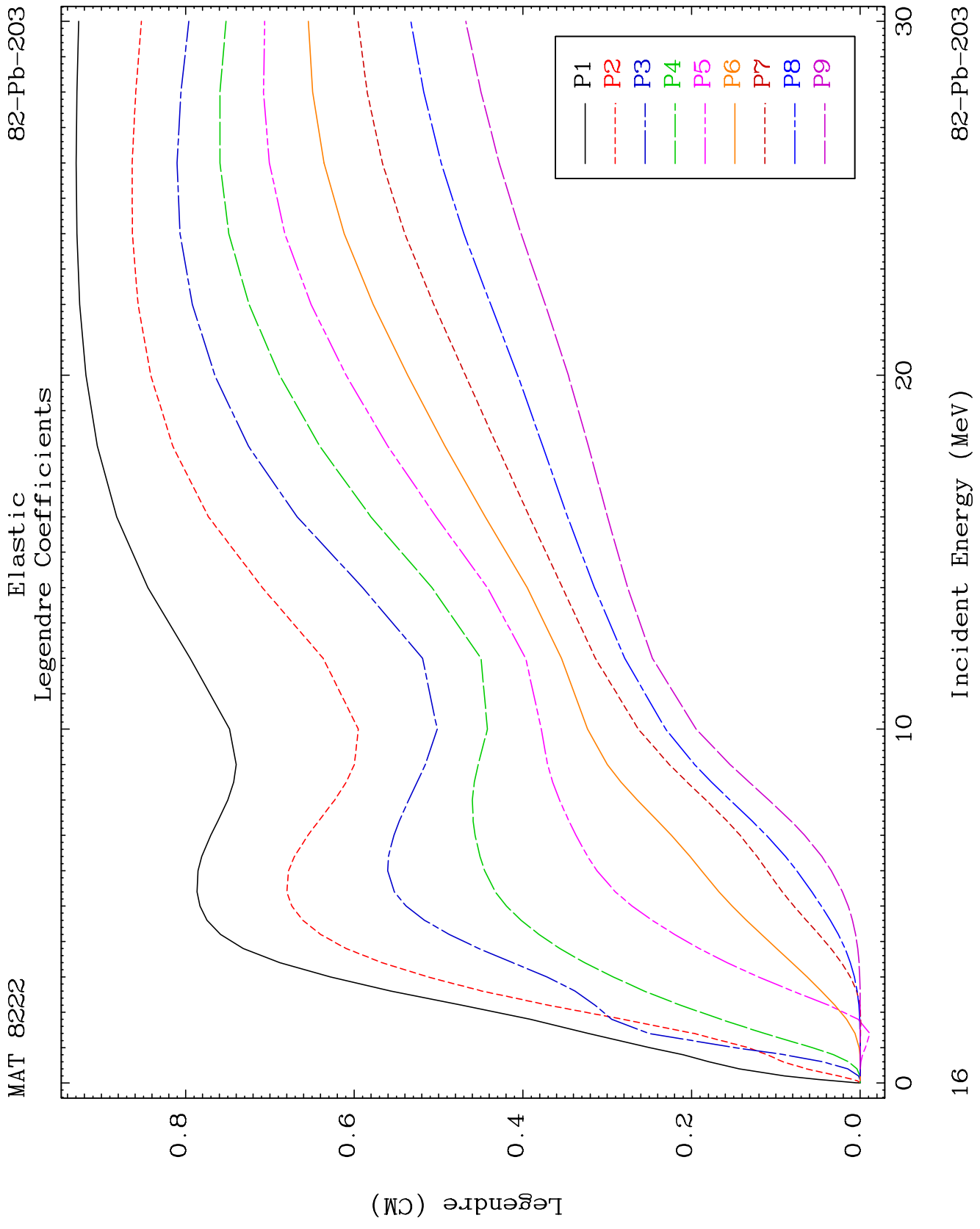
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Incident Energy (MeV)

82-Pb-203



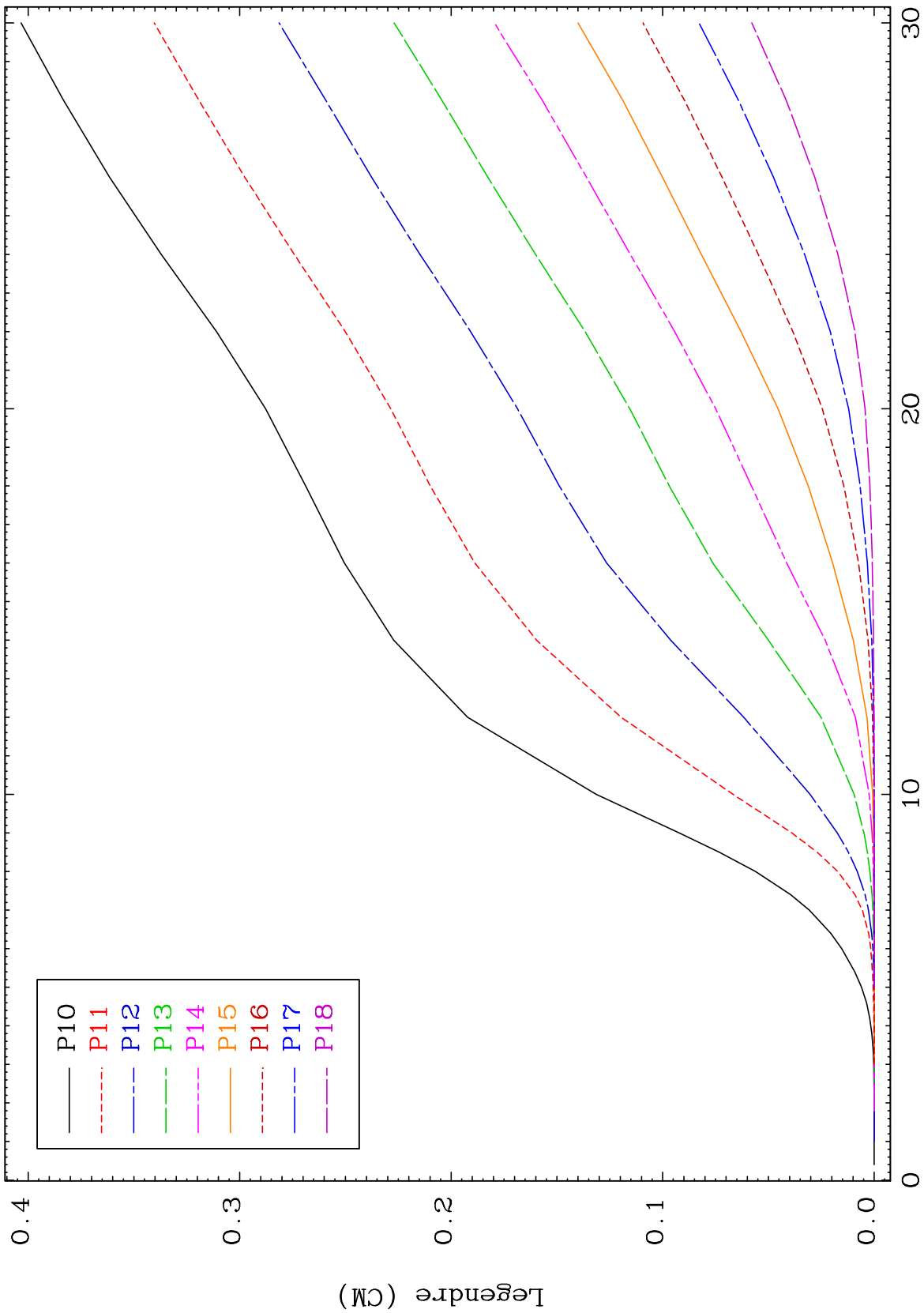




MAT 8222

Elastic Legendre Coefficients

82-Pb-203



17

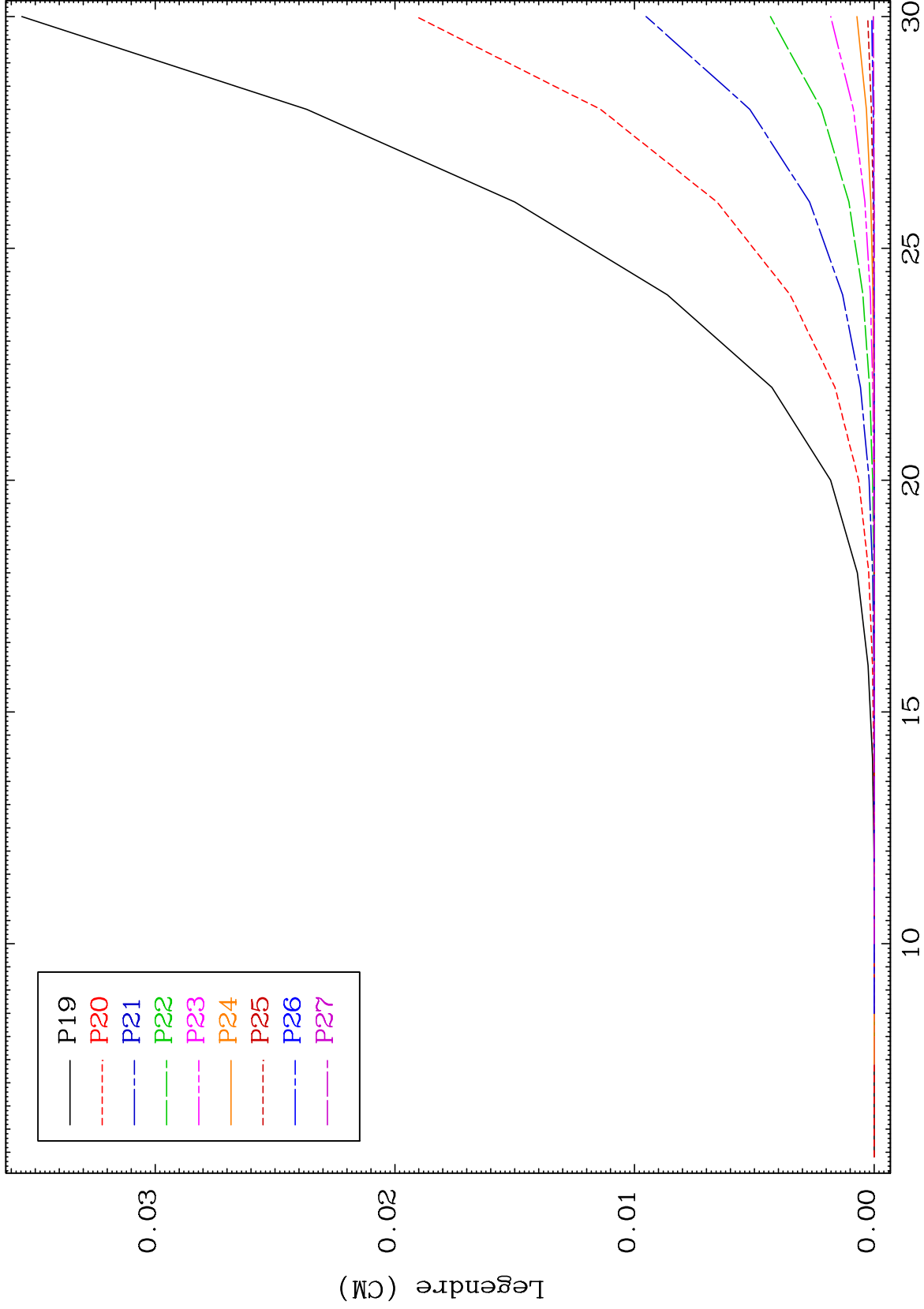
Incident Energy (MeV)

82-Pb-203

MAT 8222

Elastic Legendre Coefficients

82-Pb-203



18

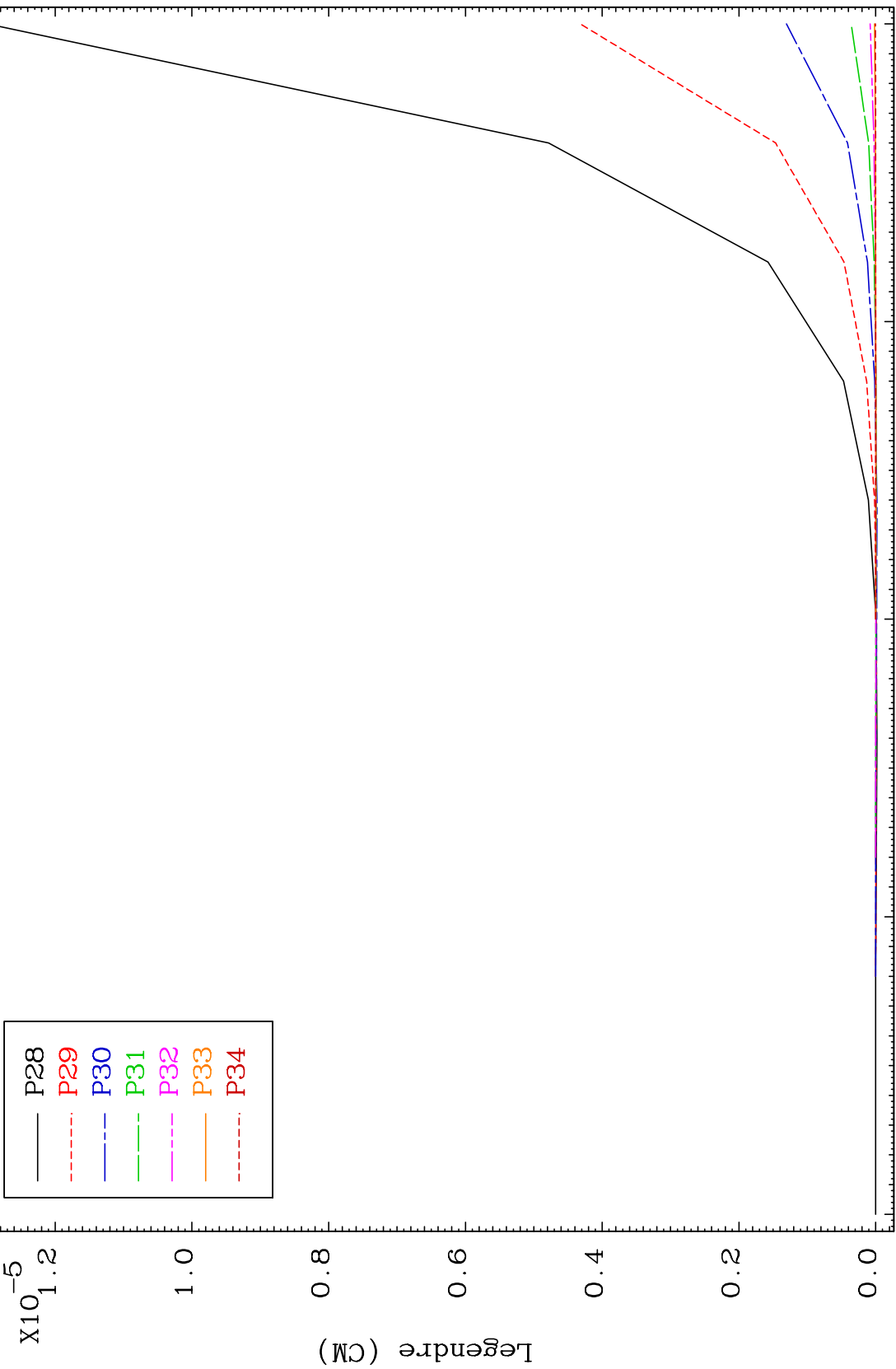
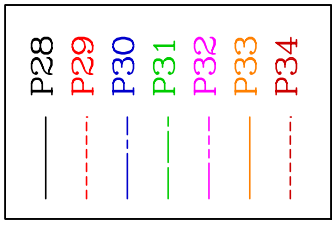
Incident Energy (MeV)

82-Pb-203

MAT 8222

Elastic Legendre Coefficients

82-Pb-203



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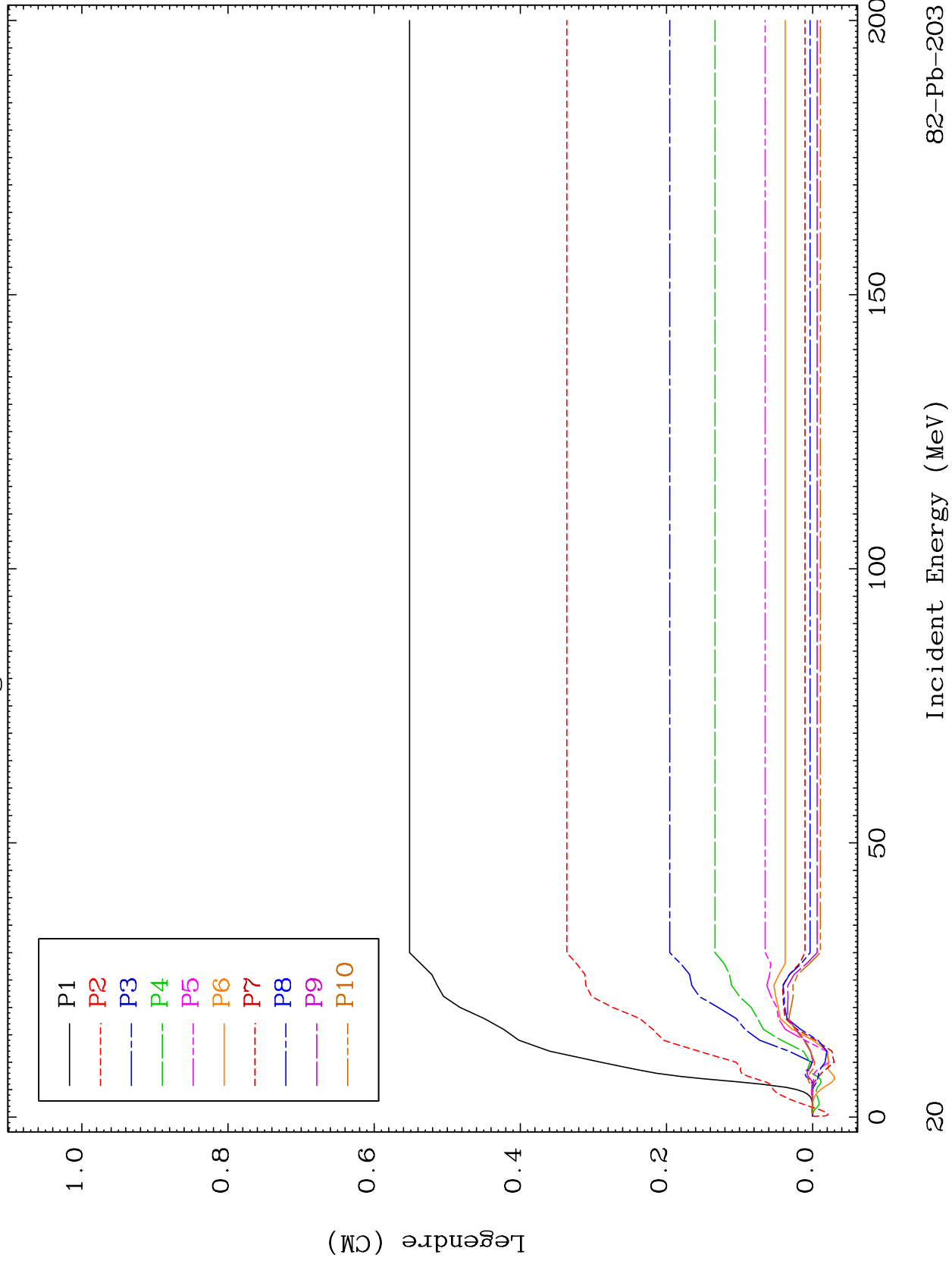
Incident Energy (MeV)

82-Pb-203

MAT 8222

126.5 keV (n,n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

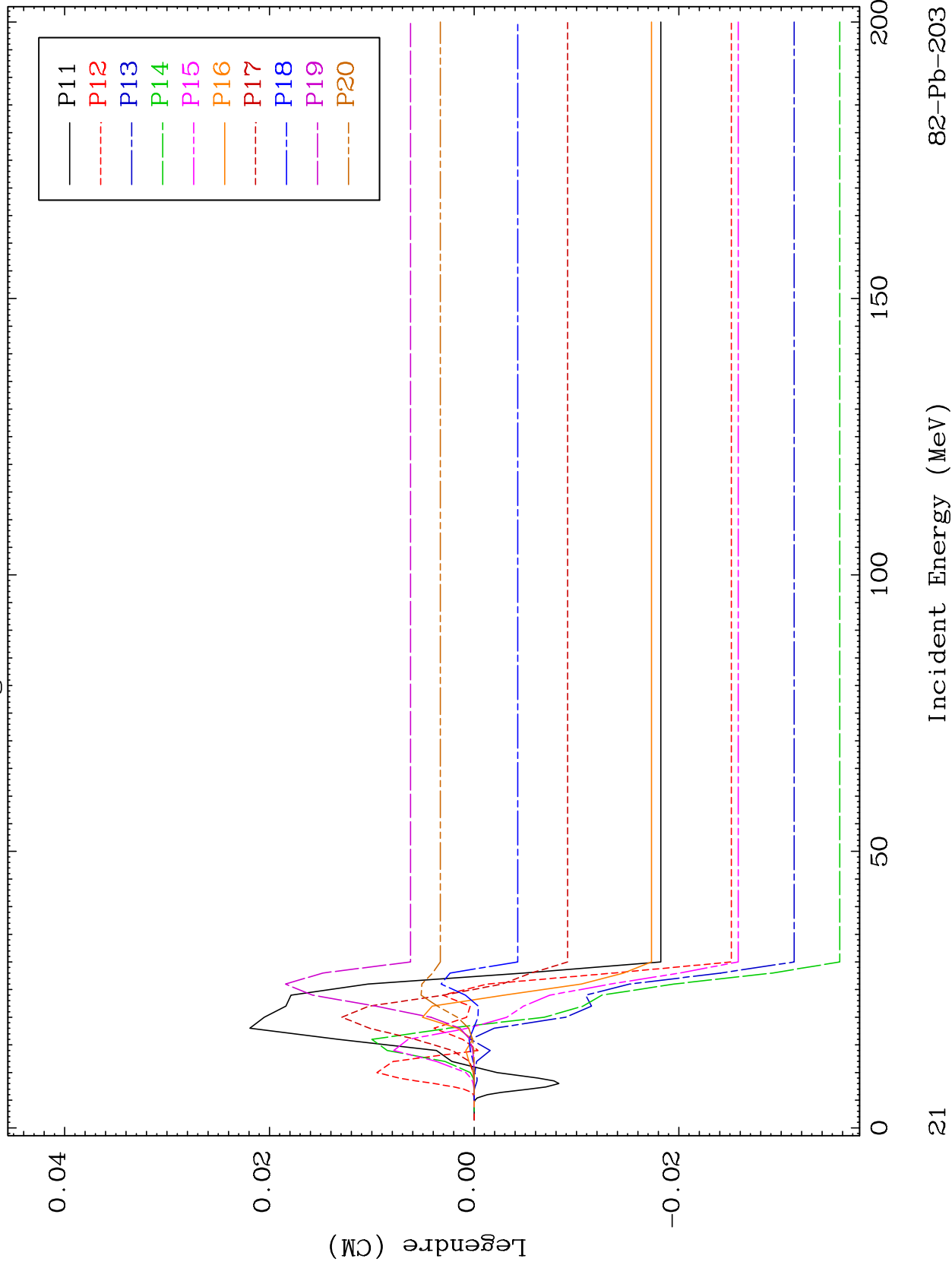
Incident Energy (MeV)

0

MAT 8222

126.5 keV (n,n') Level
Legendre Coefficients

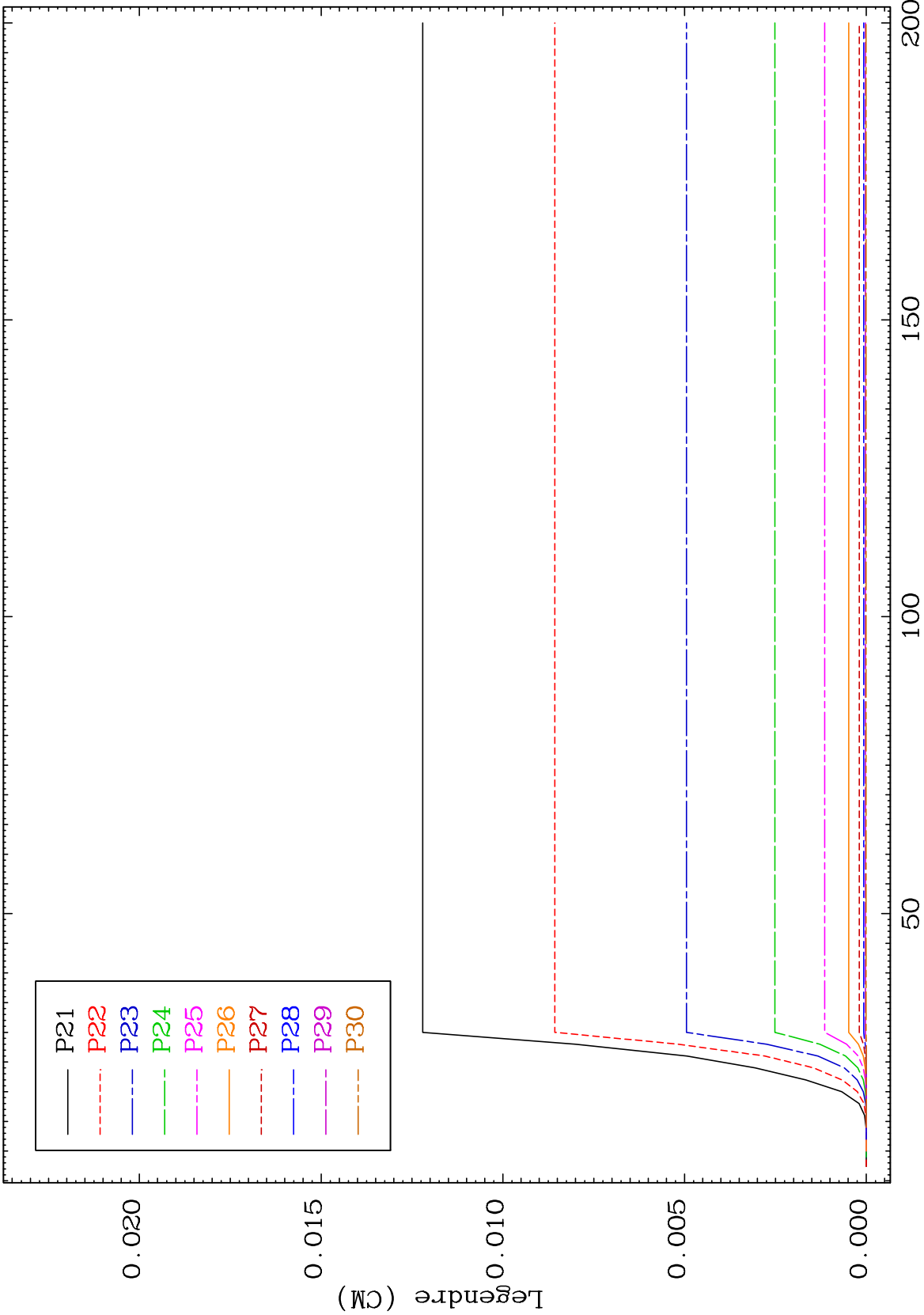
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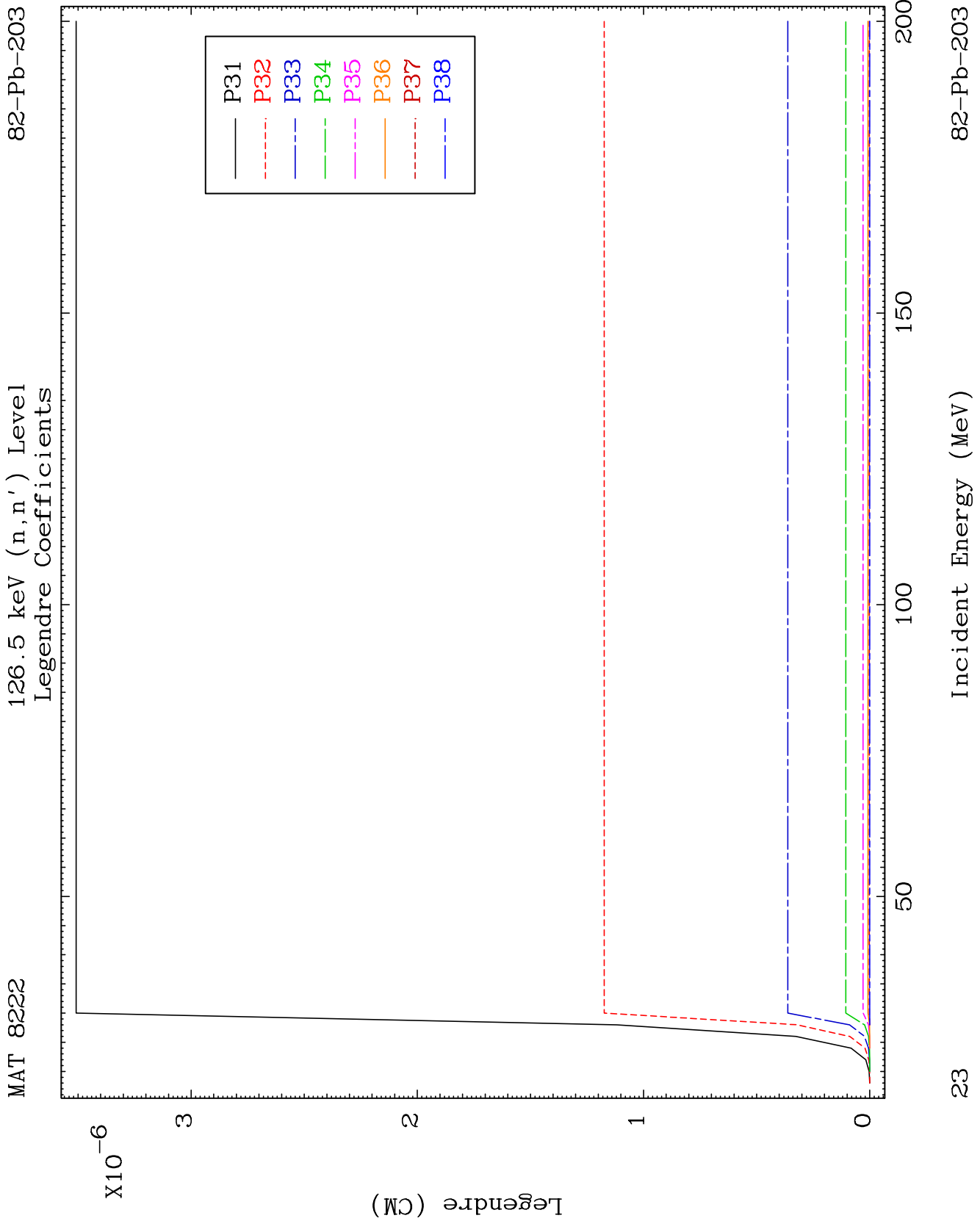


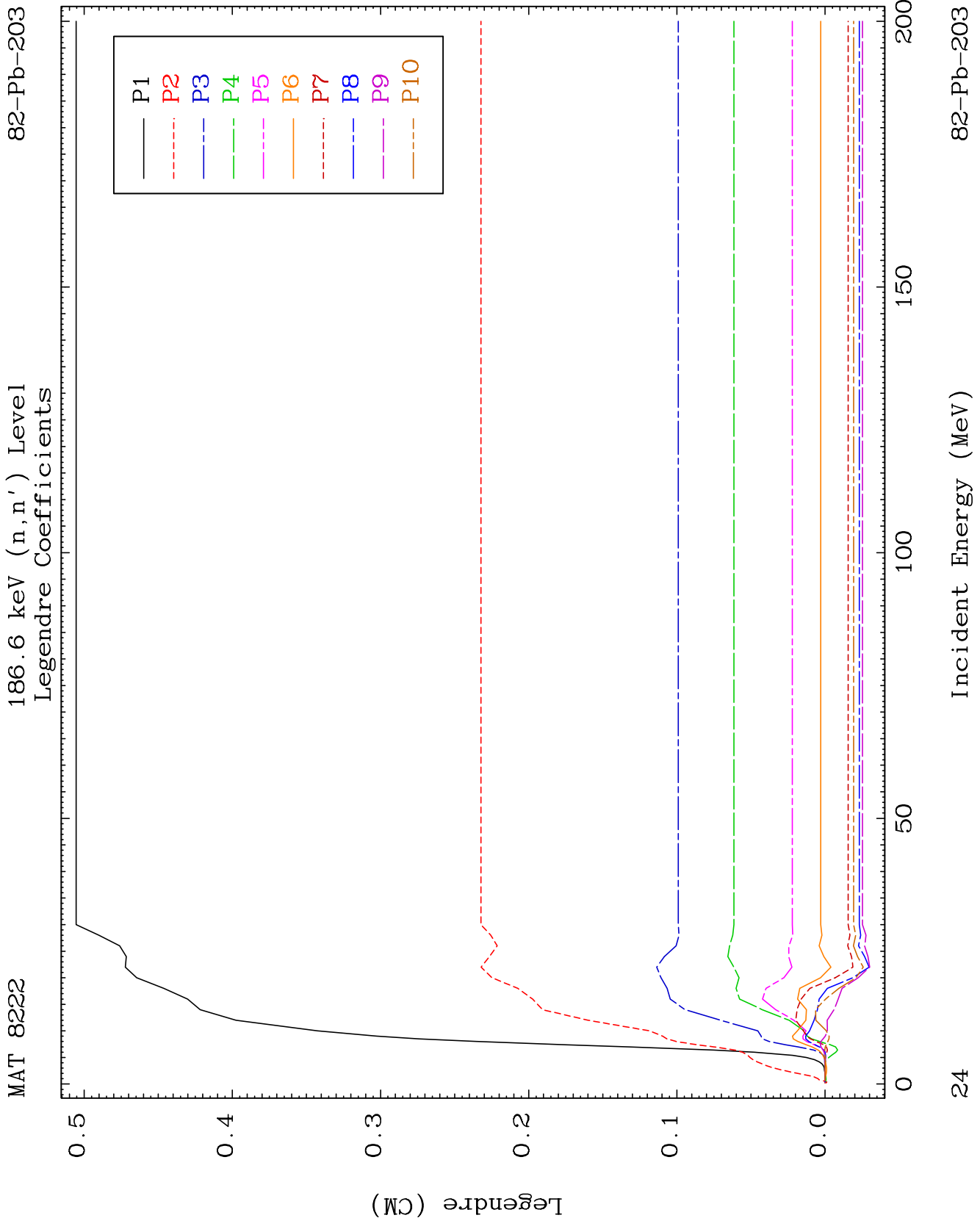
82-Pb-203

Incident Energy (MeV)

21



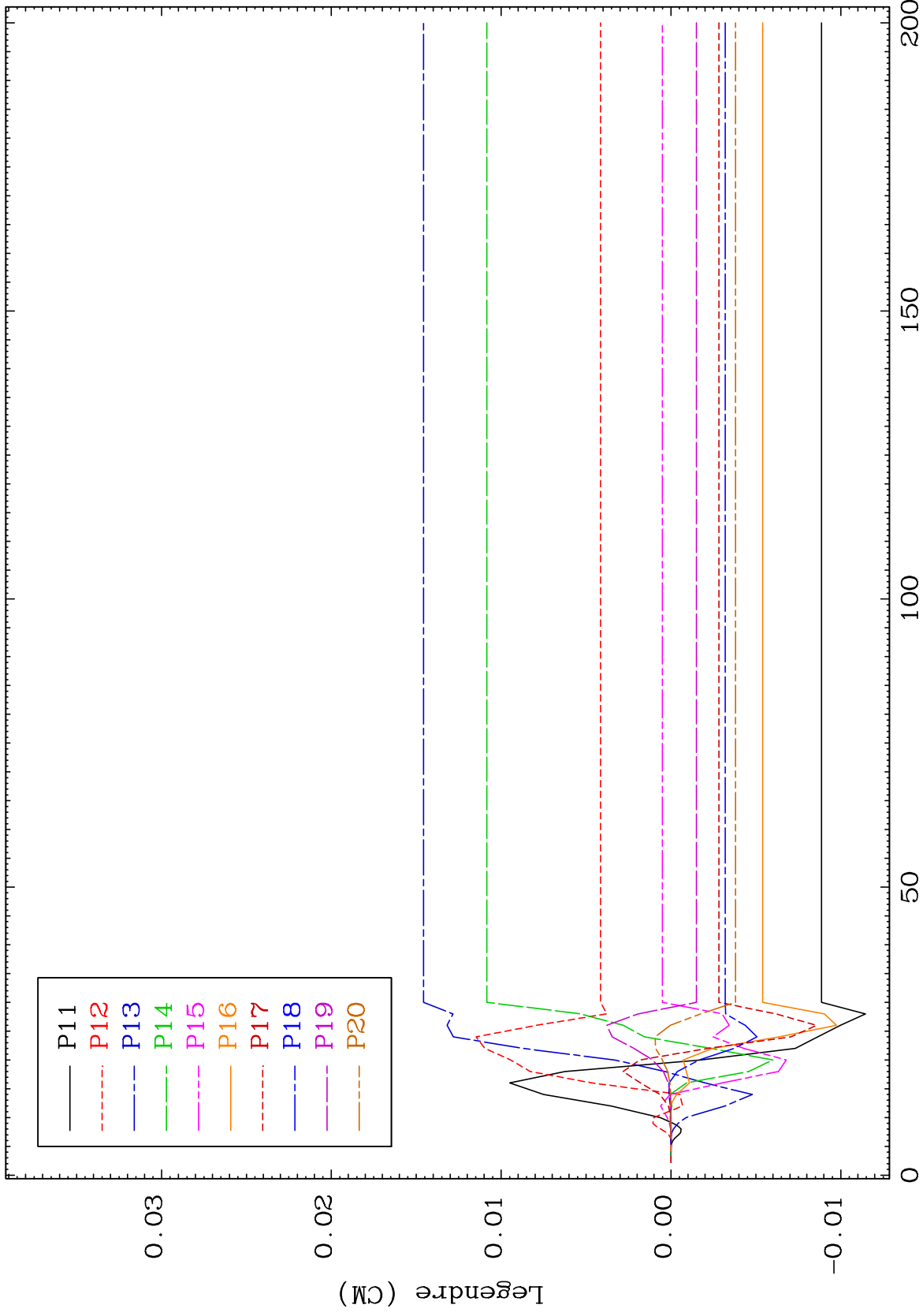




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186.6 keV (n,n') Level
Legendre Coefficients

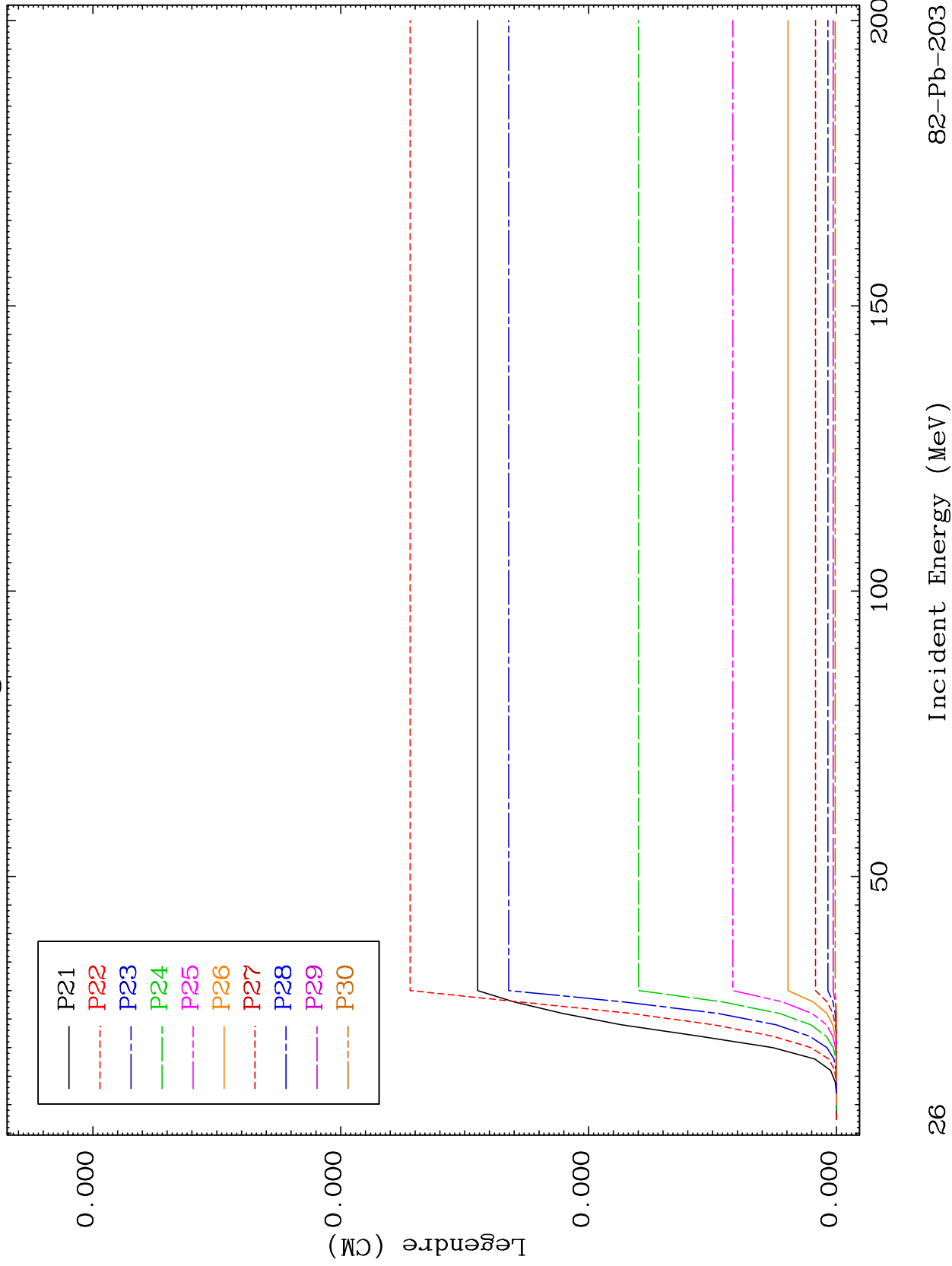
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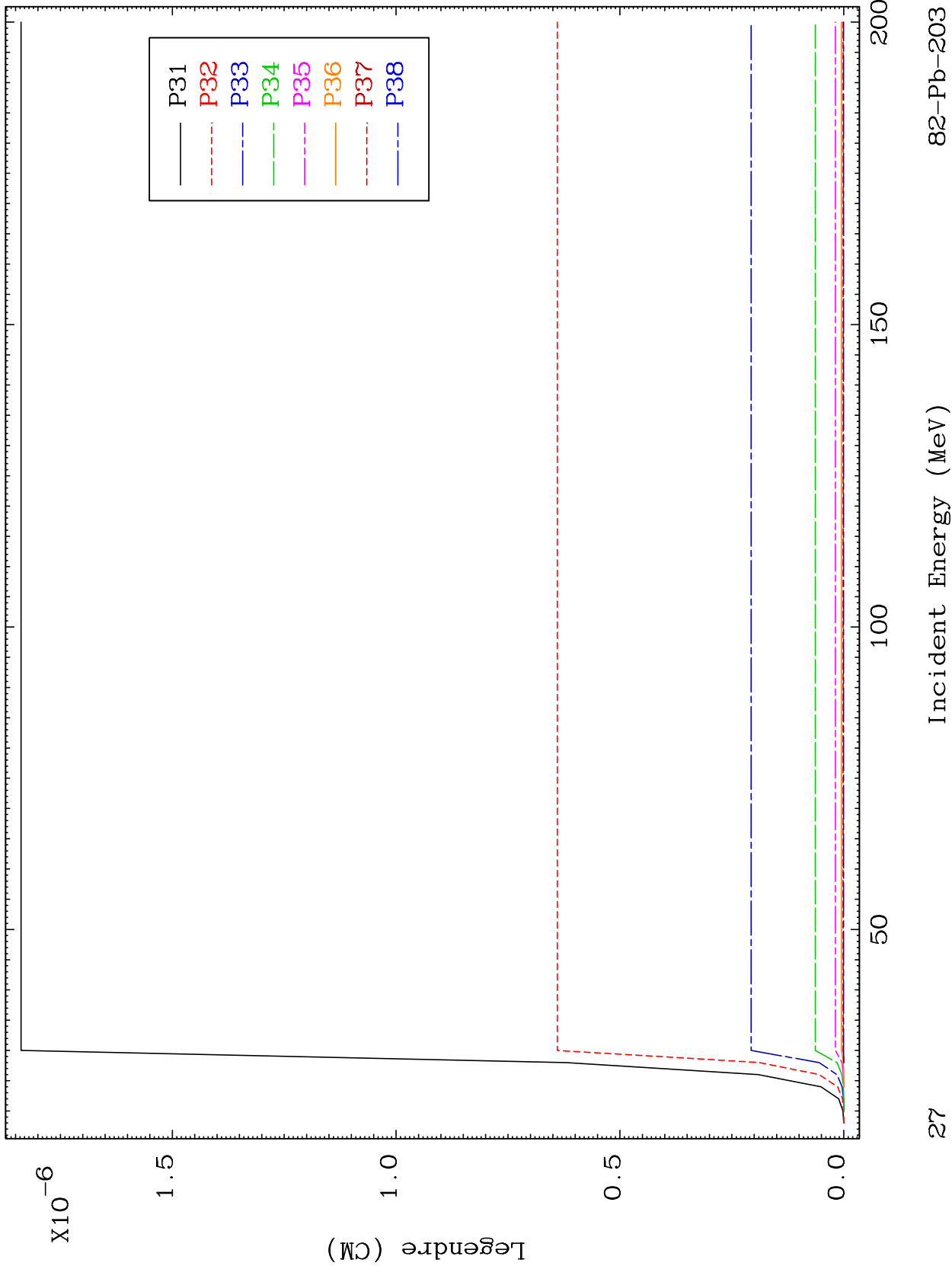


82-Pb-203

Incident Energy (MeV)

25

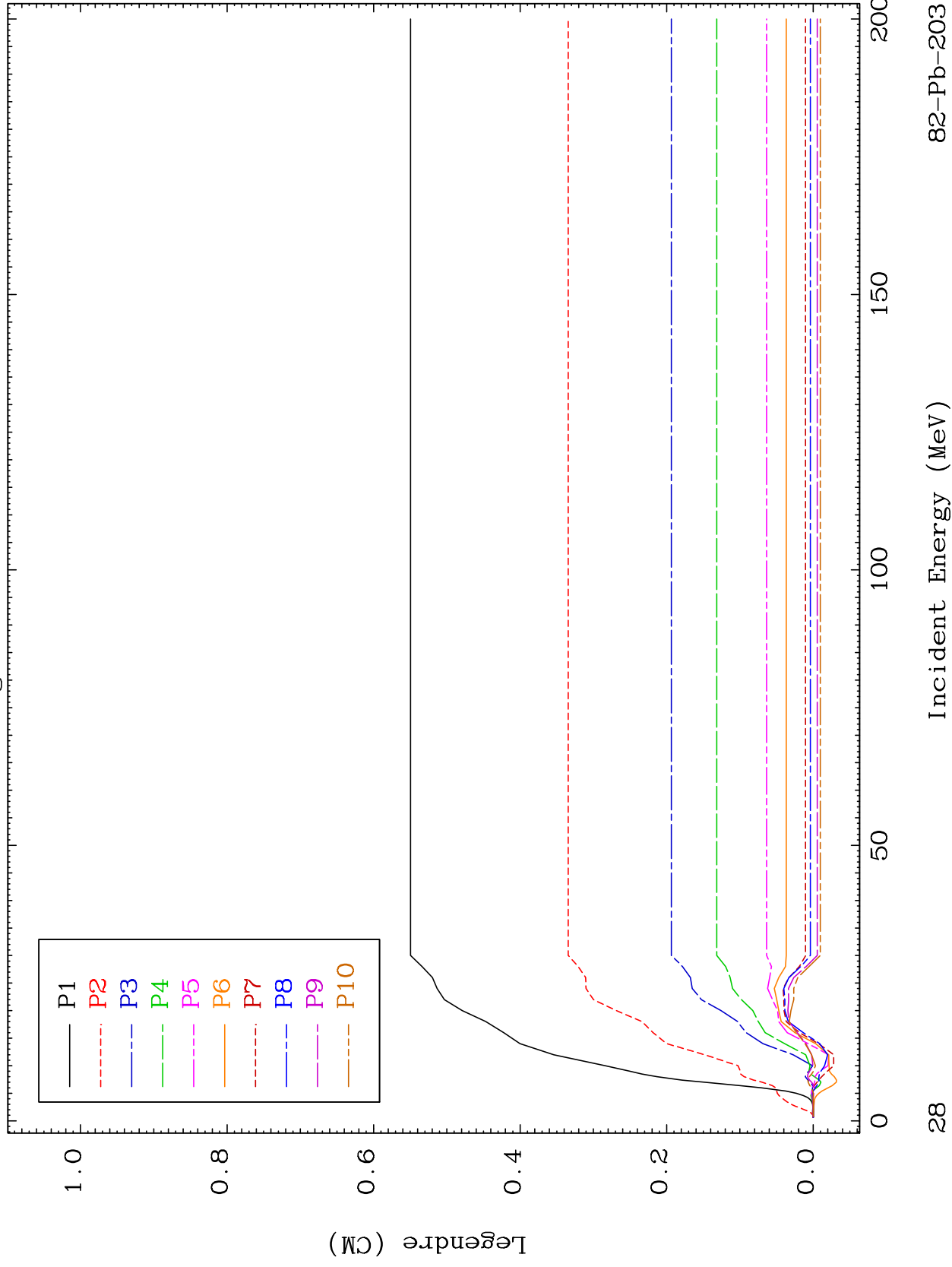




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595.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203



28

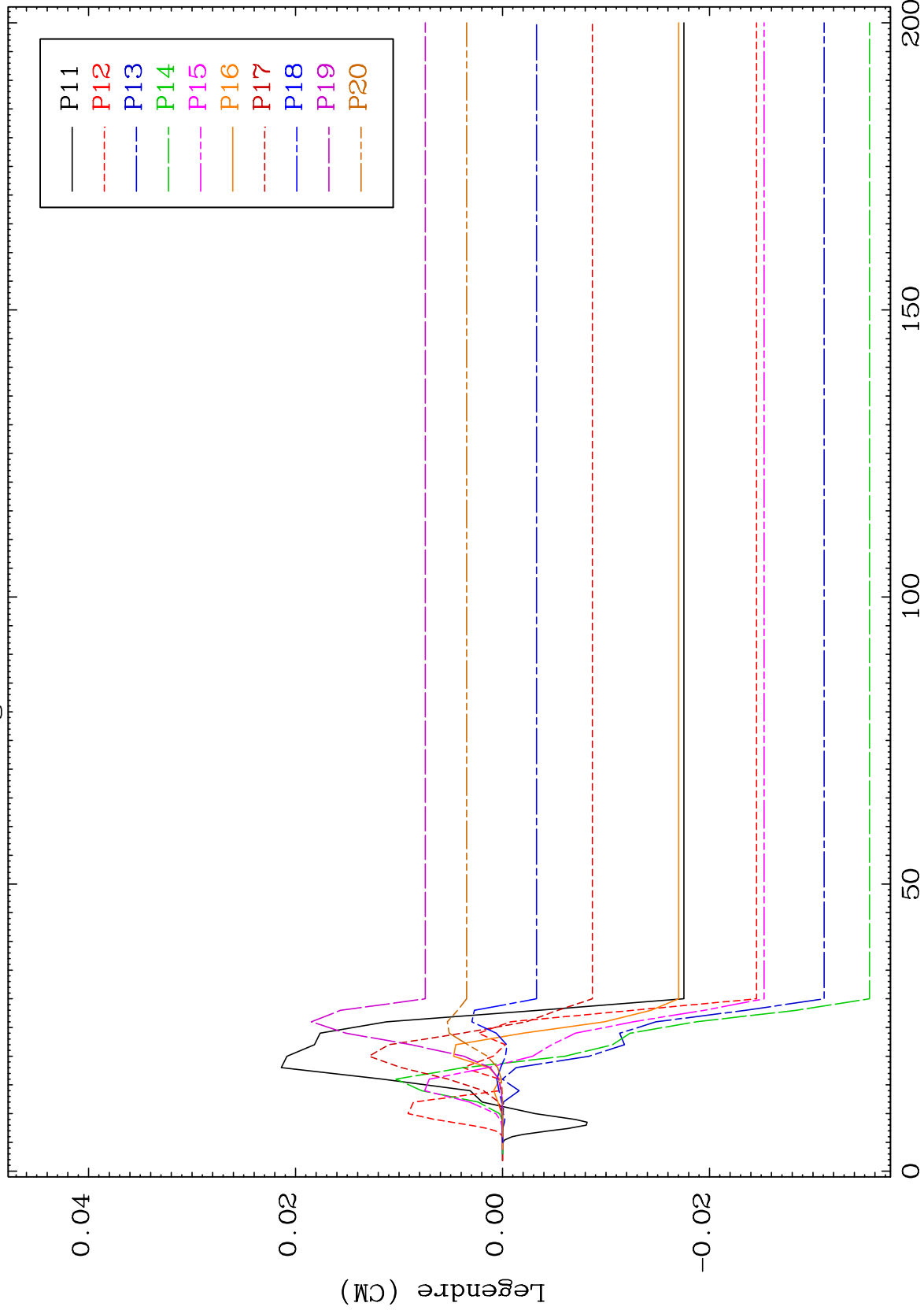
Incident Energy (MeV)

82-Pb-203

MAT 8222

595.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203



29

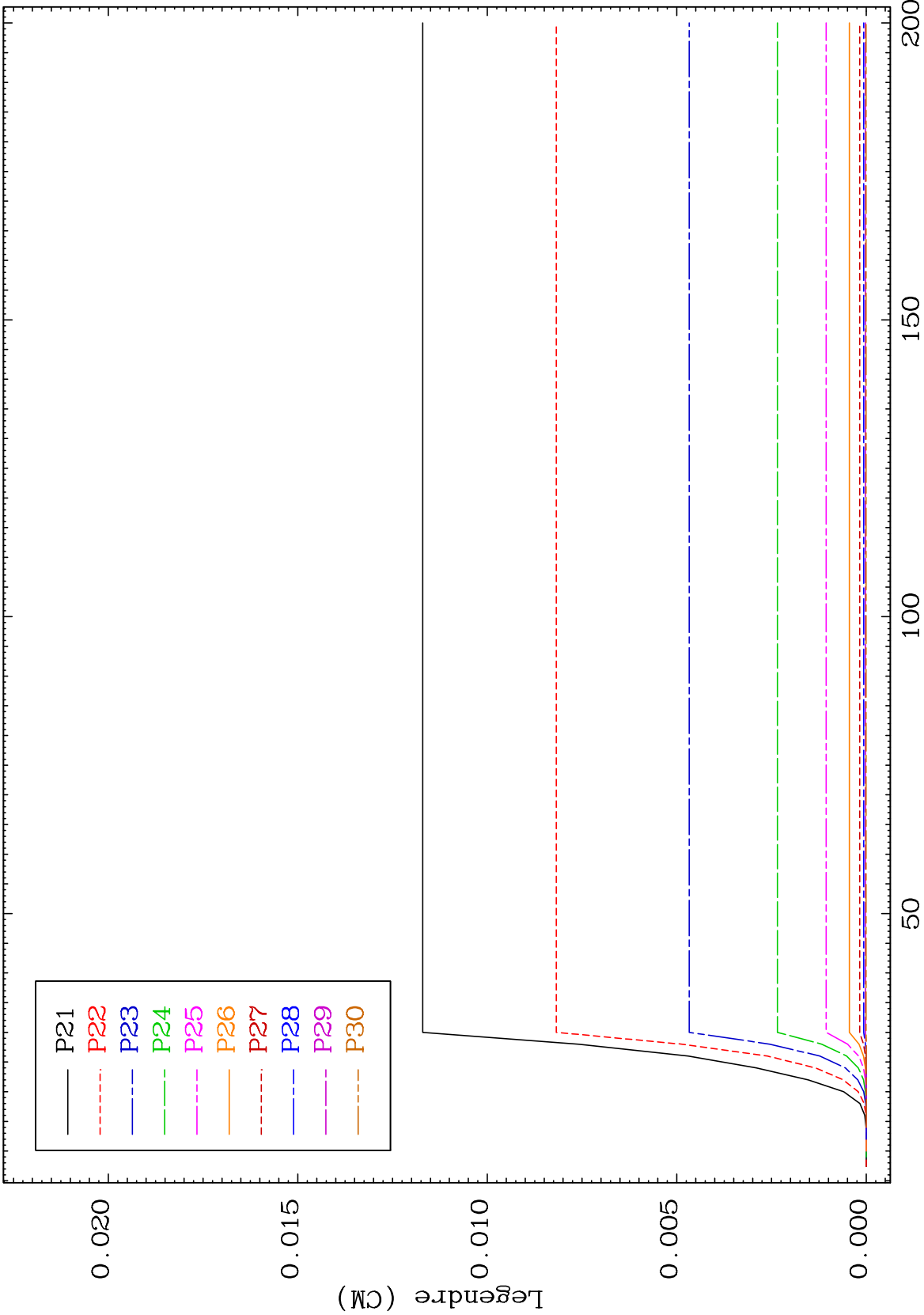
Incident Energy (MeV)

82-Pb-203

MAT 82222

595.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203



30

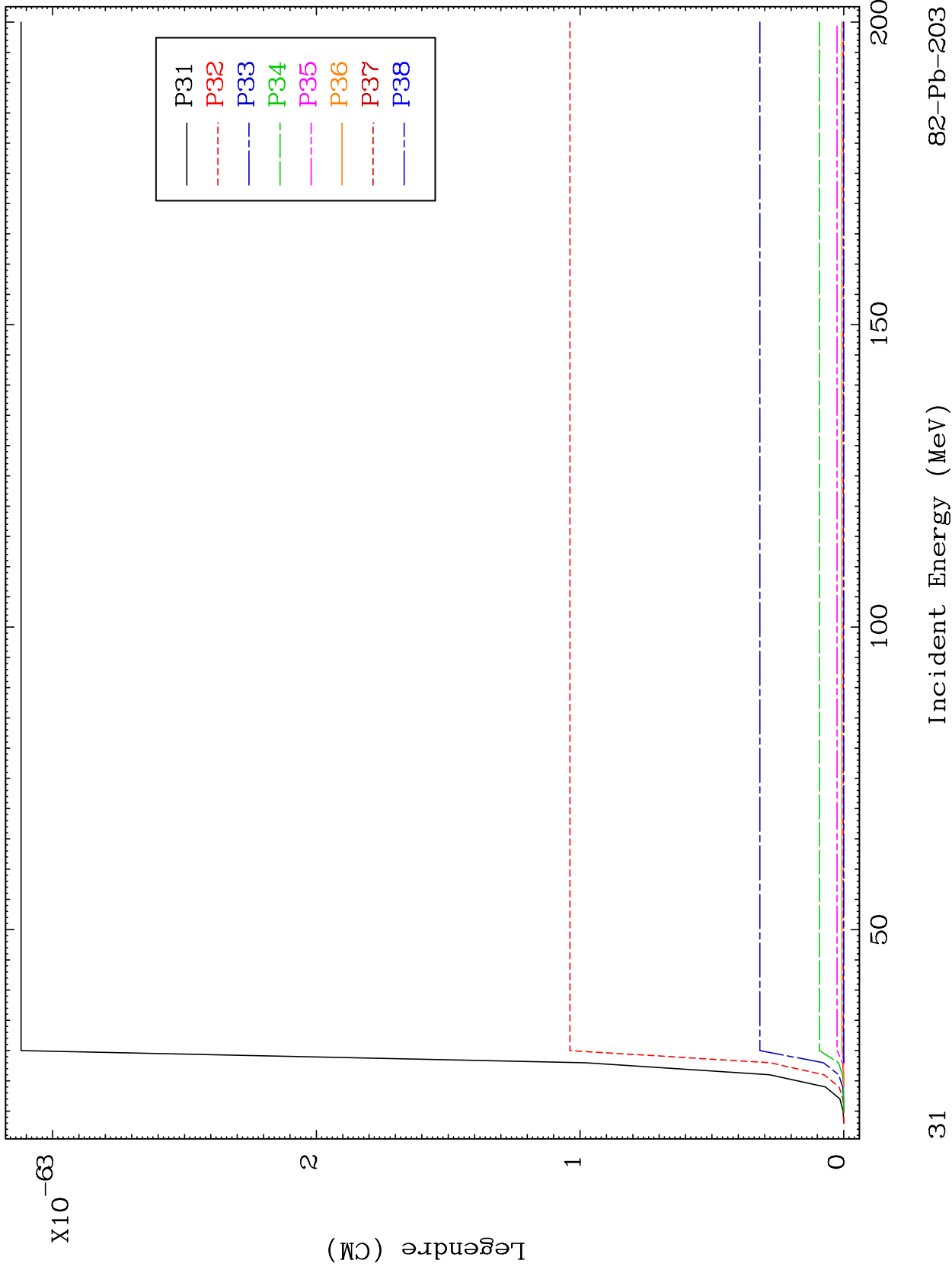
Incident Energy (MeV)

82-Pb-203

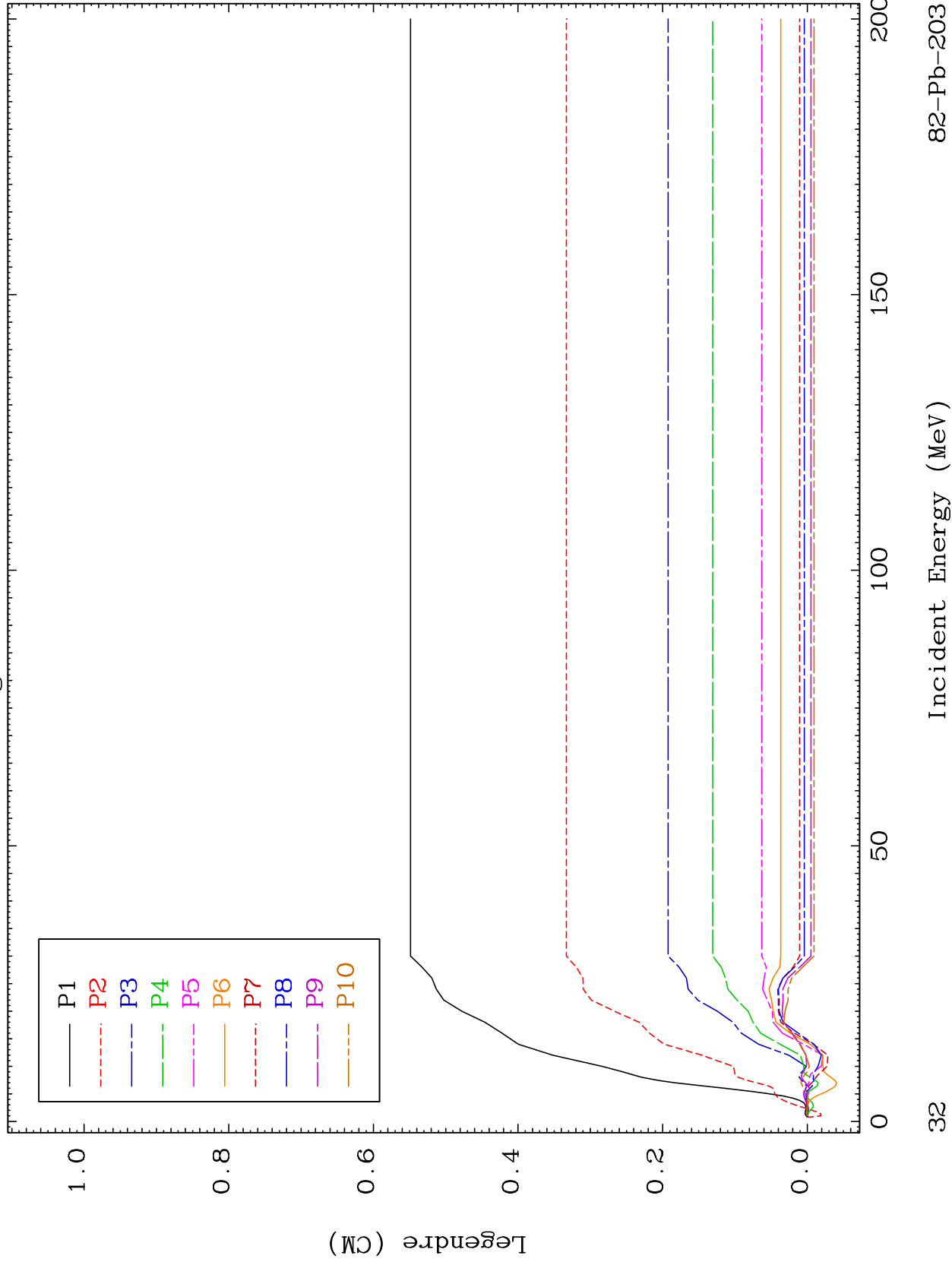
MAT 8222

595.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203



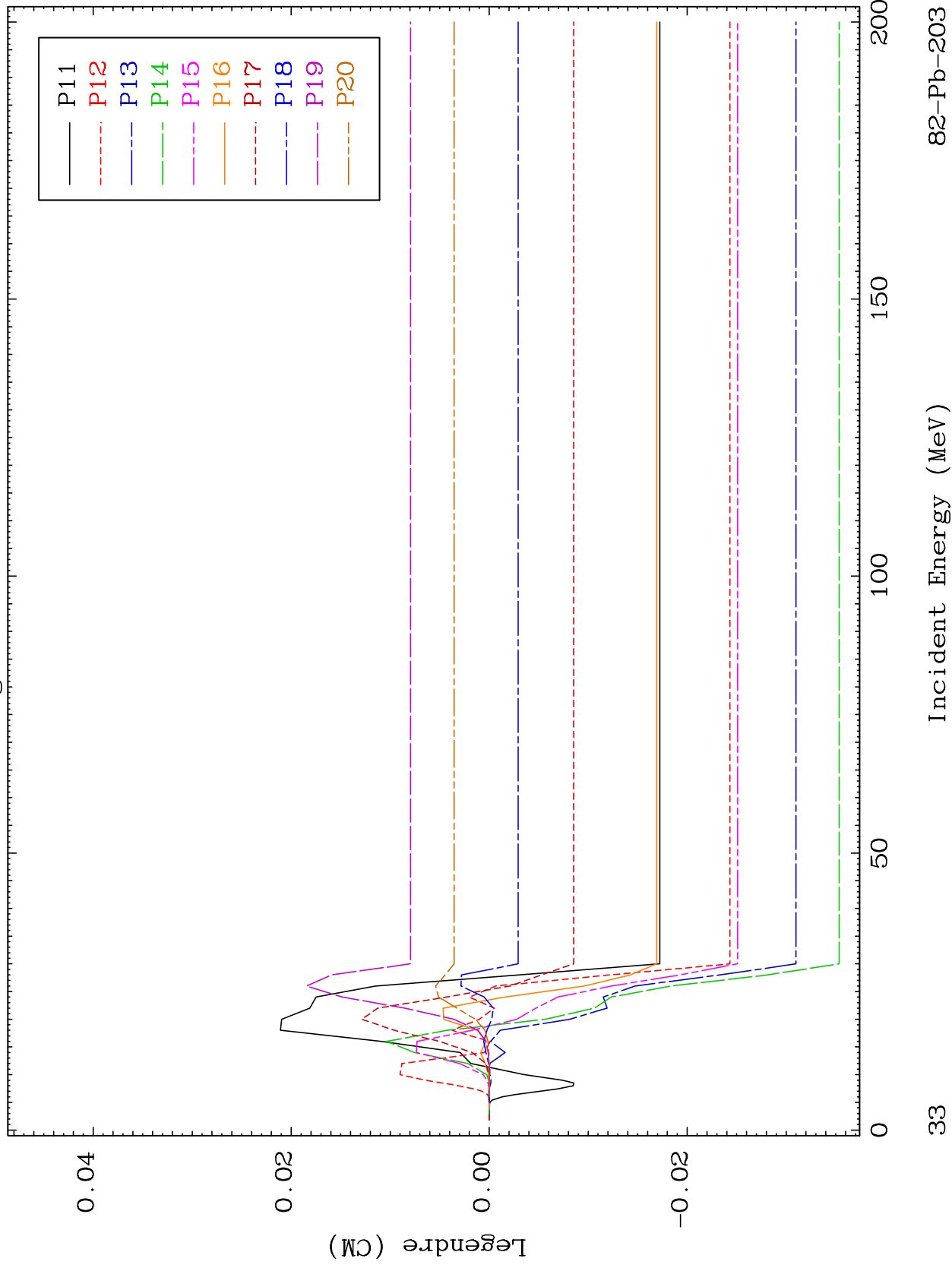
31



MAT 8222

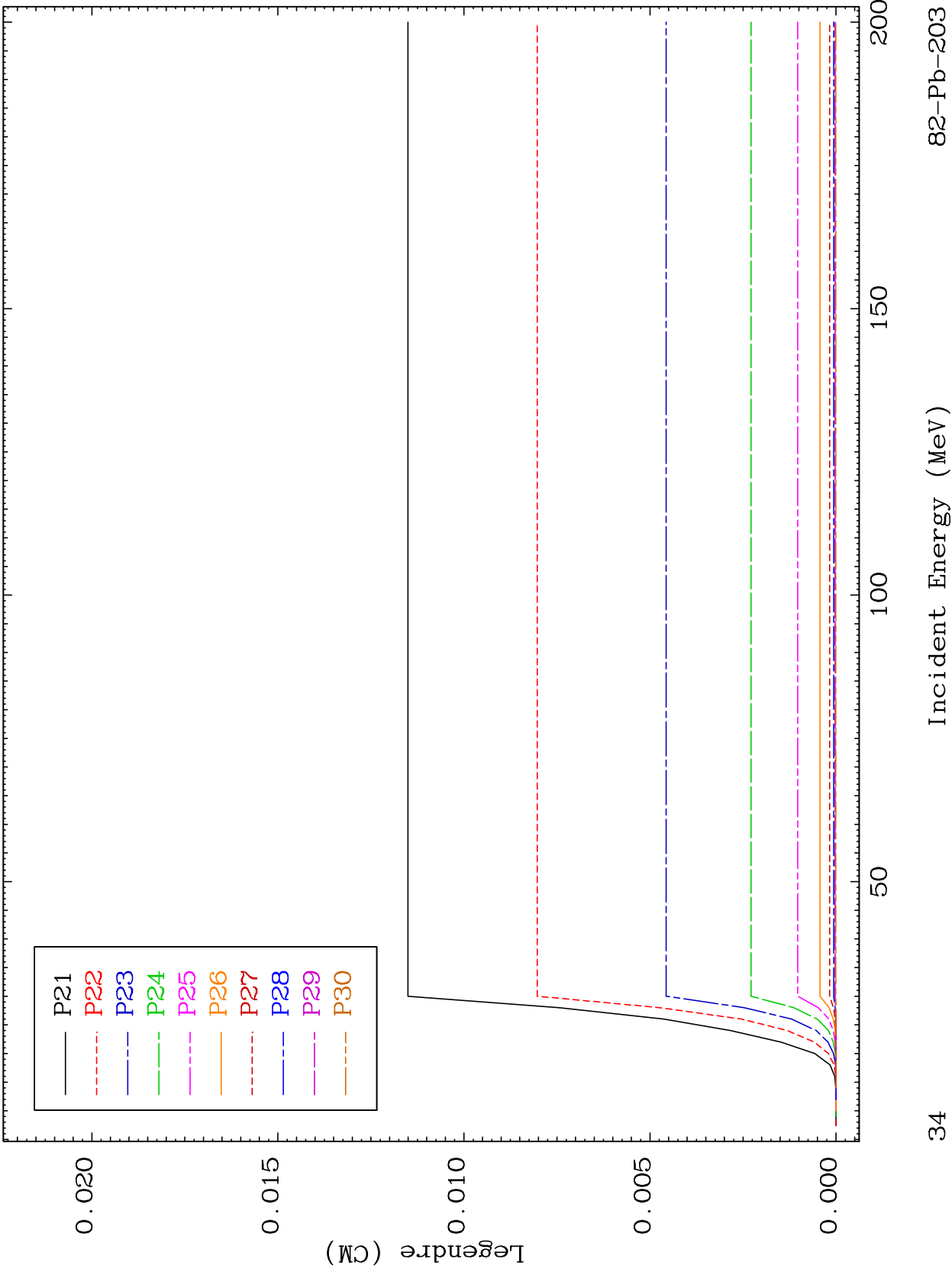
775.0 keV (n,n') Level
Legendre Coefficients

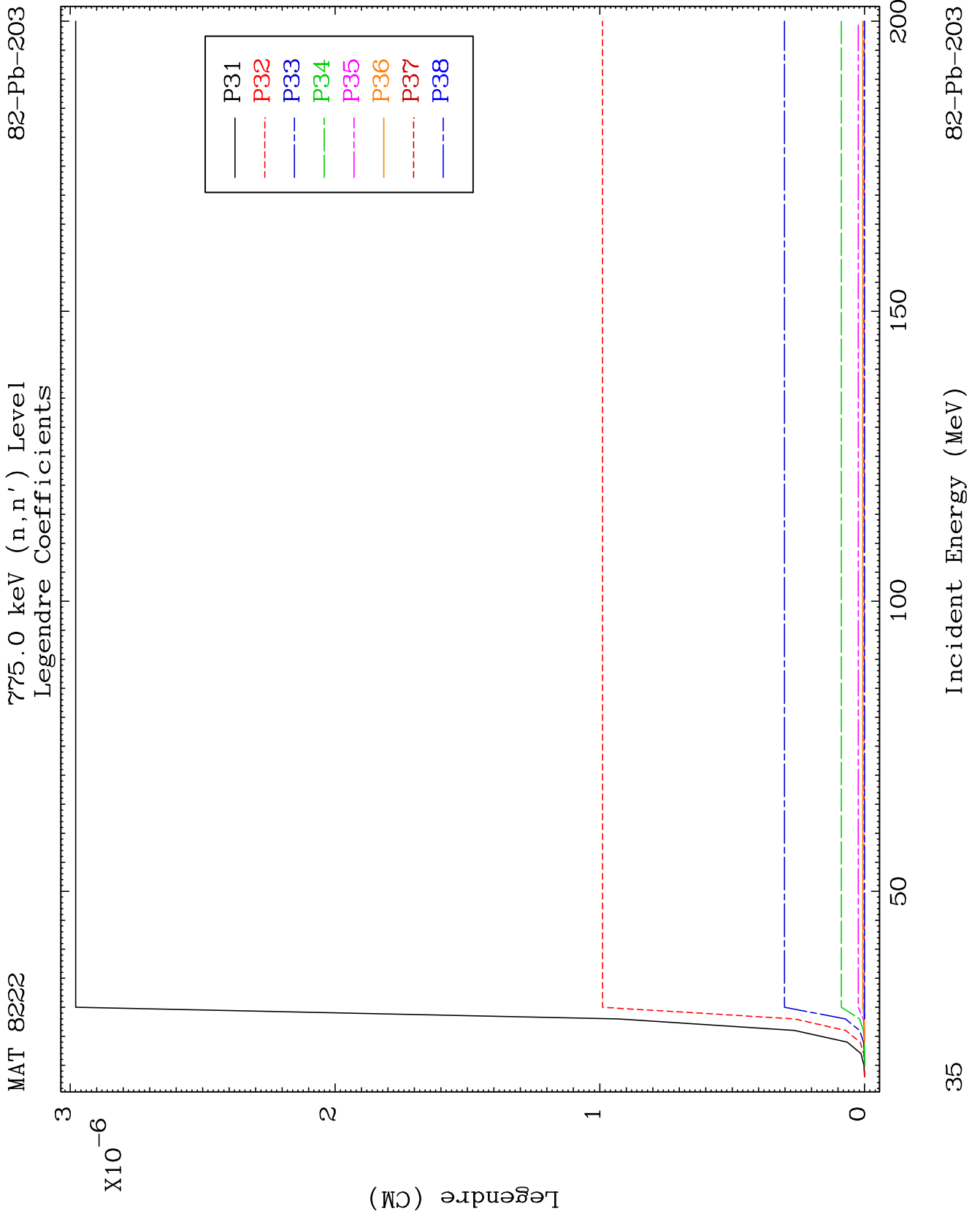
82-Pb-203



33

82-Pb-203

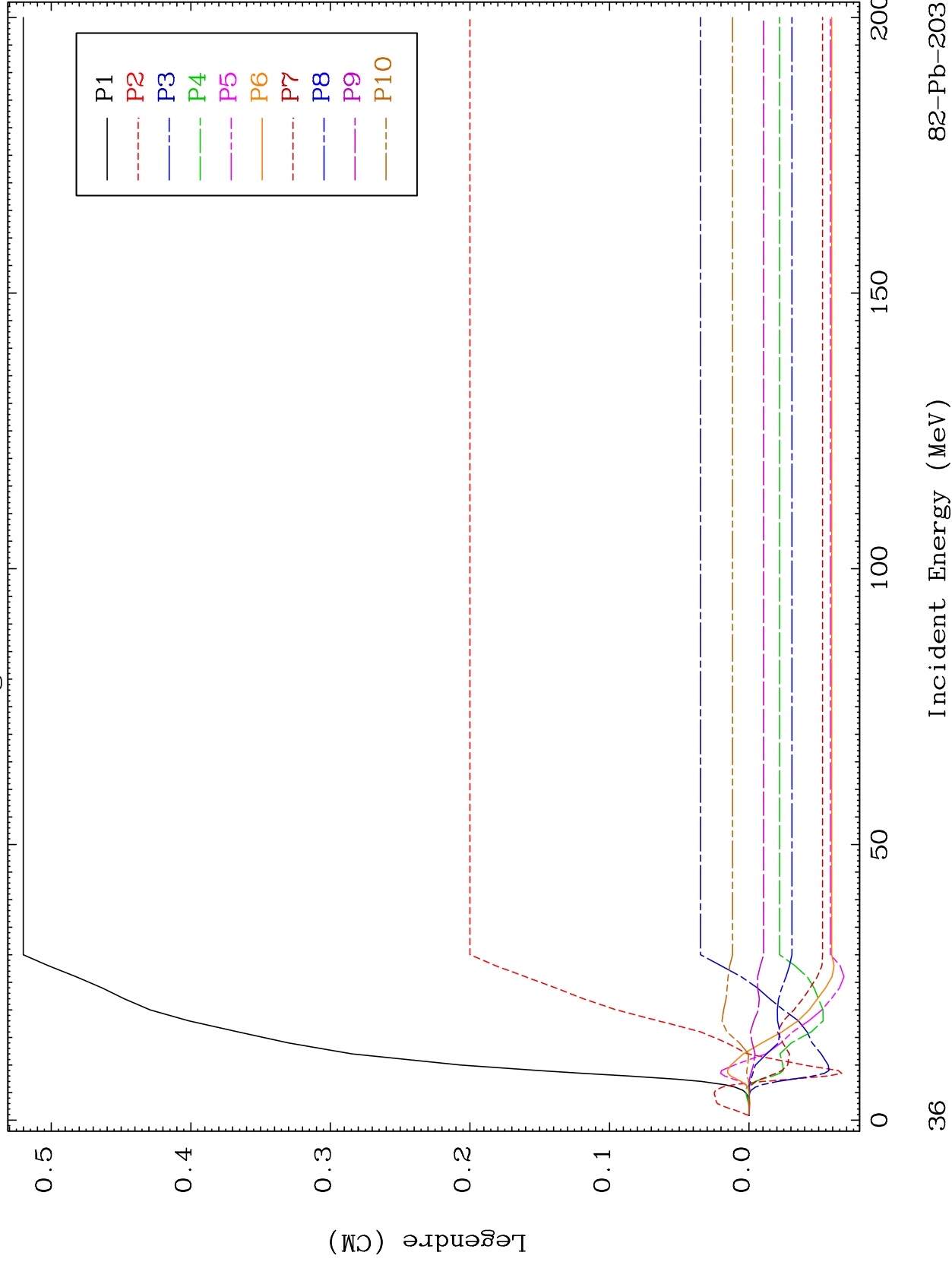




MAT 8222

820.3 keV (n,n') Level
Legendre Coefficients

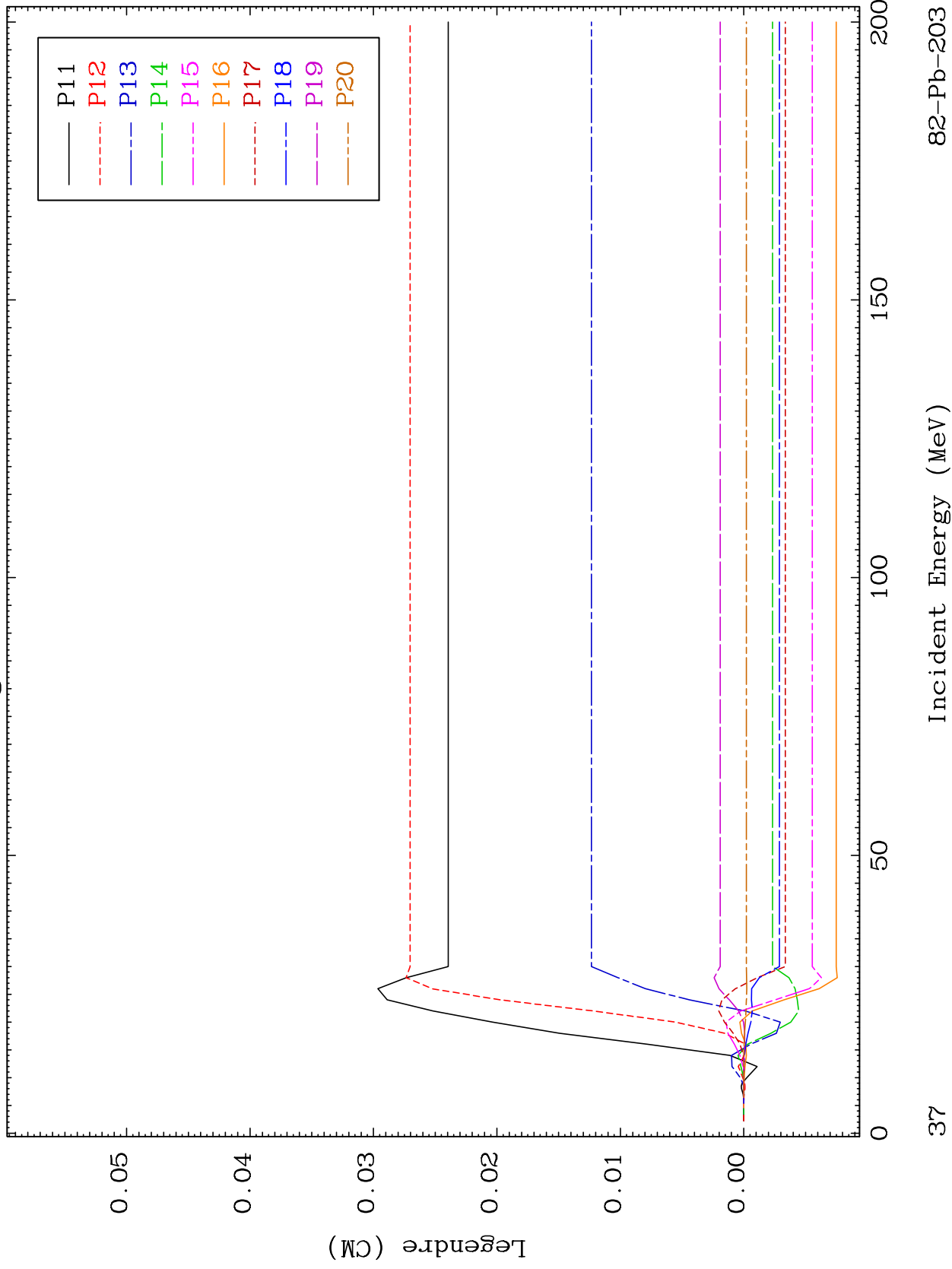
82-Pb-203



MAT 8222

820.3 keV (n,n') Level
Legendre Coefficients

82-Pb-203

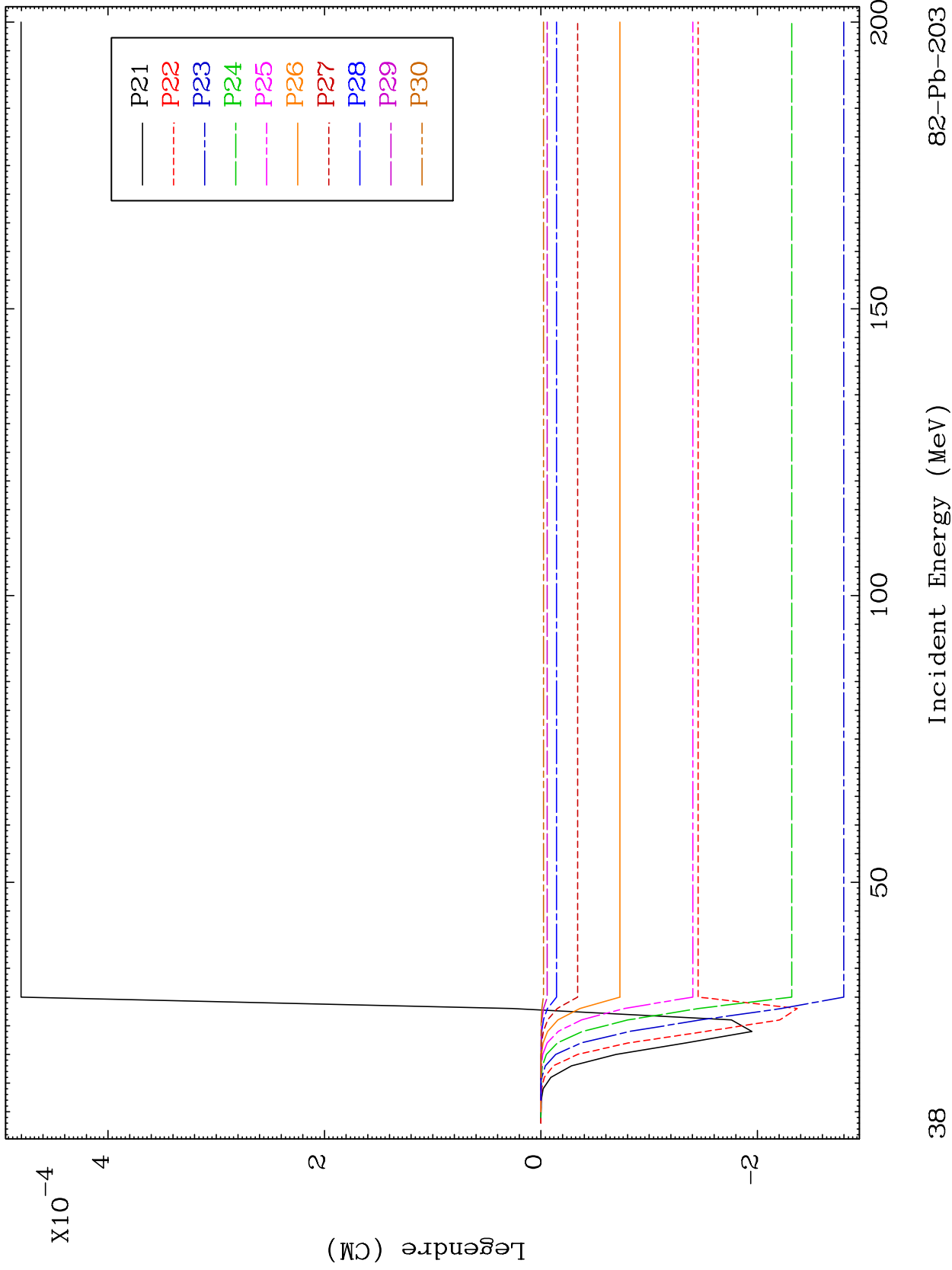


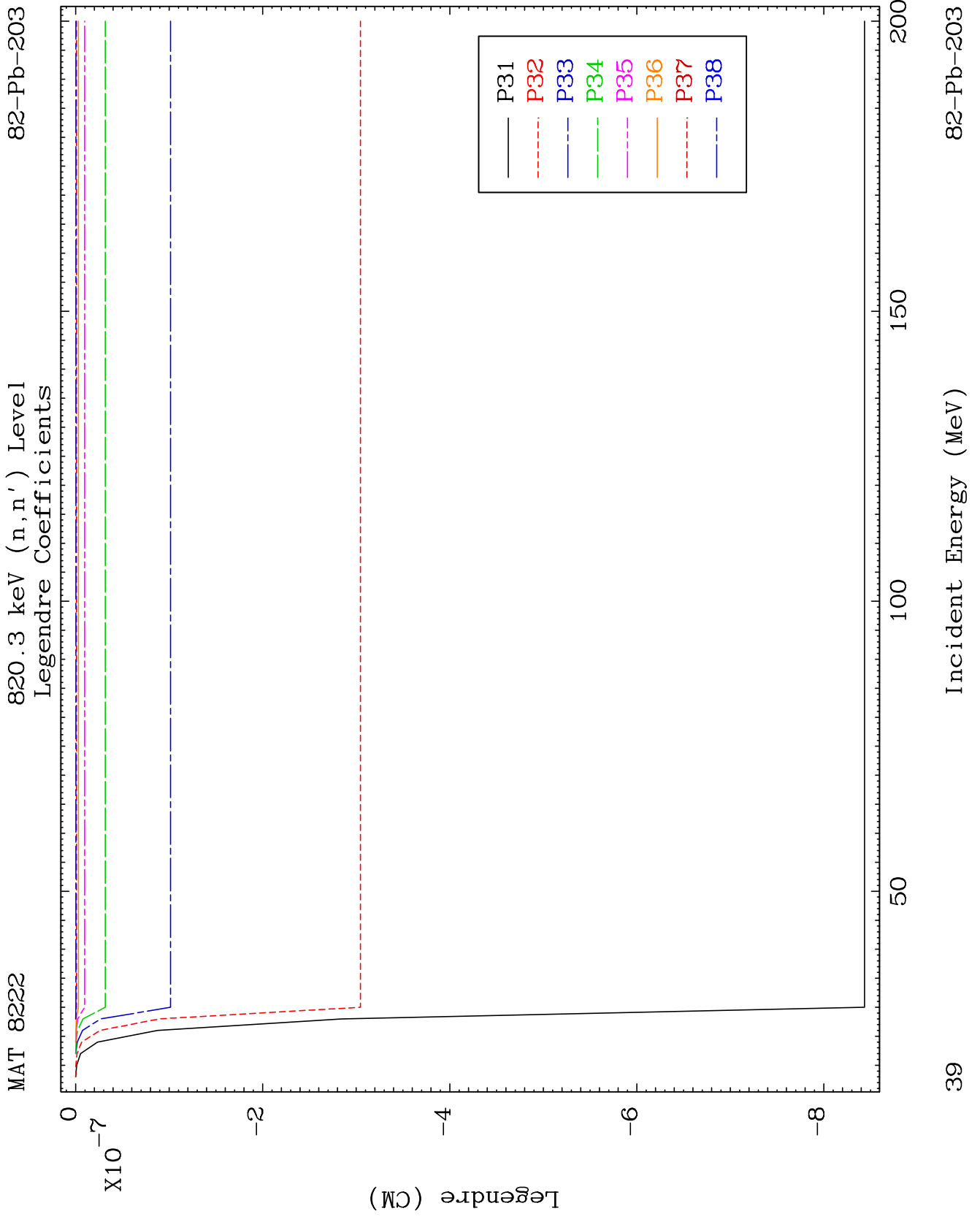
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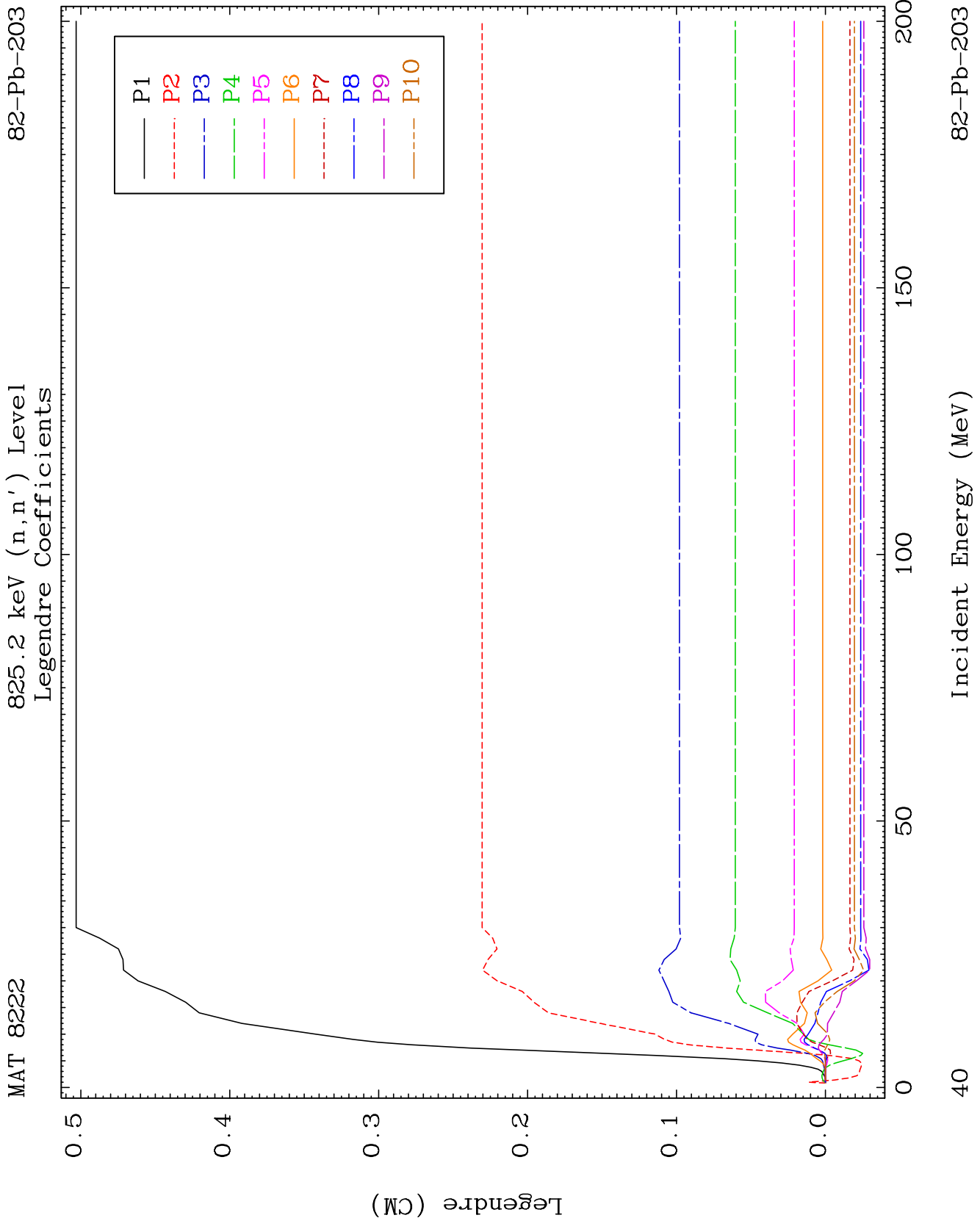
MAT 8222

820.3 keV (n,n') Level
Legendre Coefficients

82-Pb-203



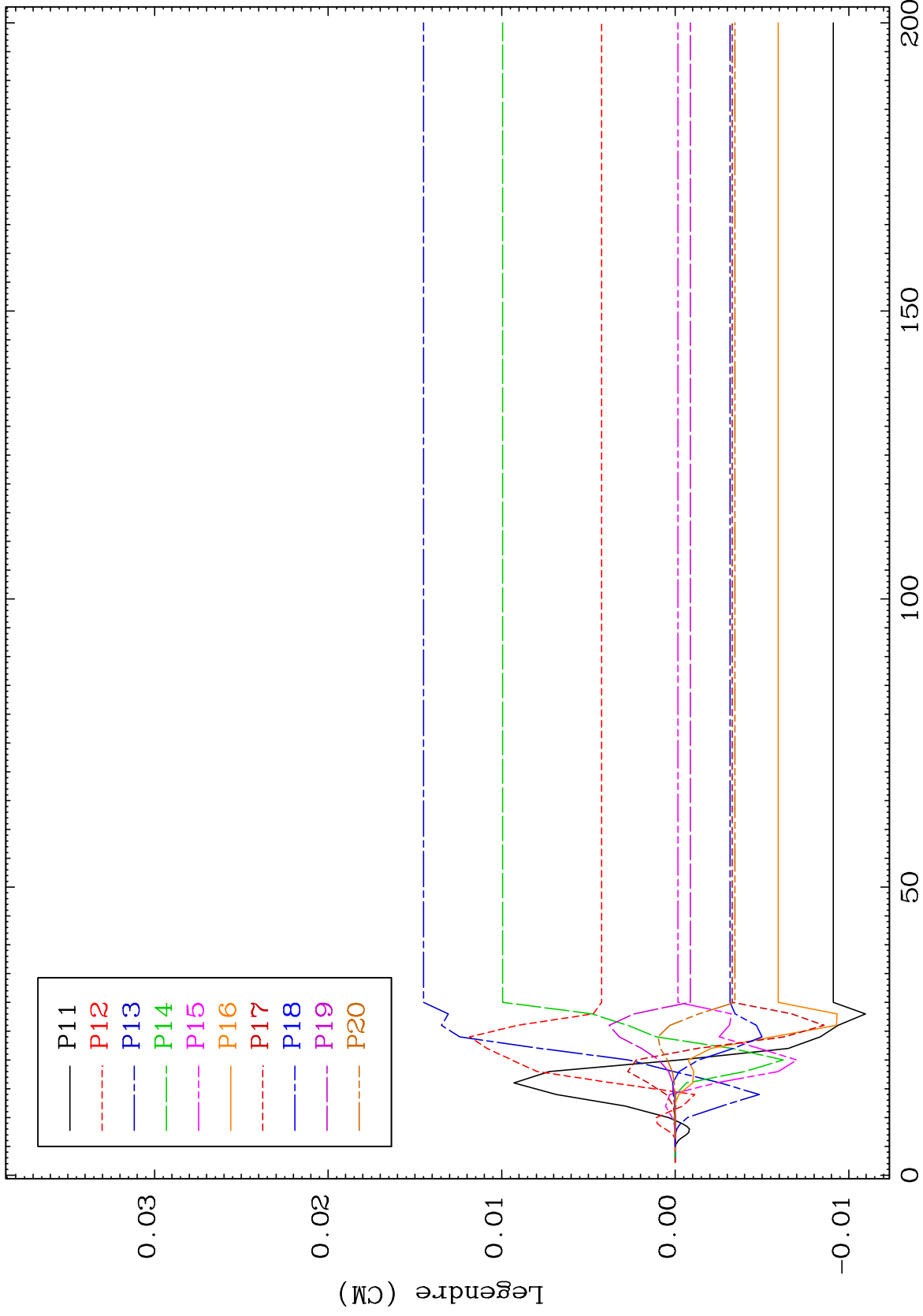




MAT 8222

825.2 keV (n,n') Level
Legendre Coefficients

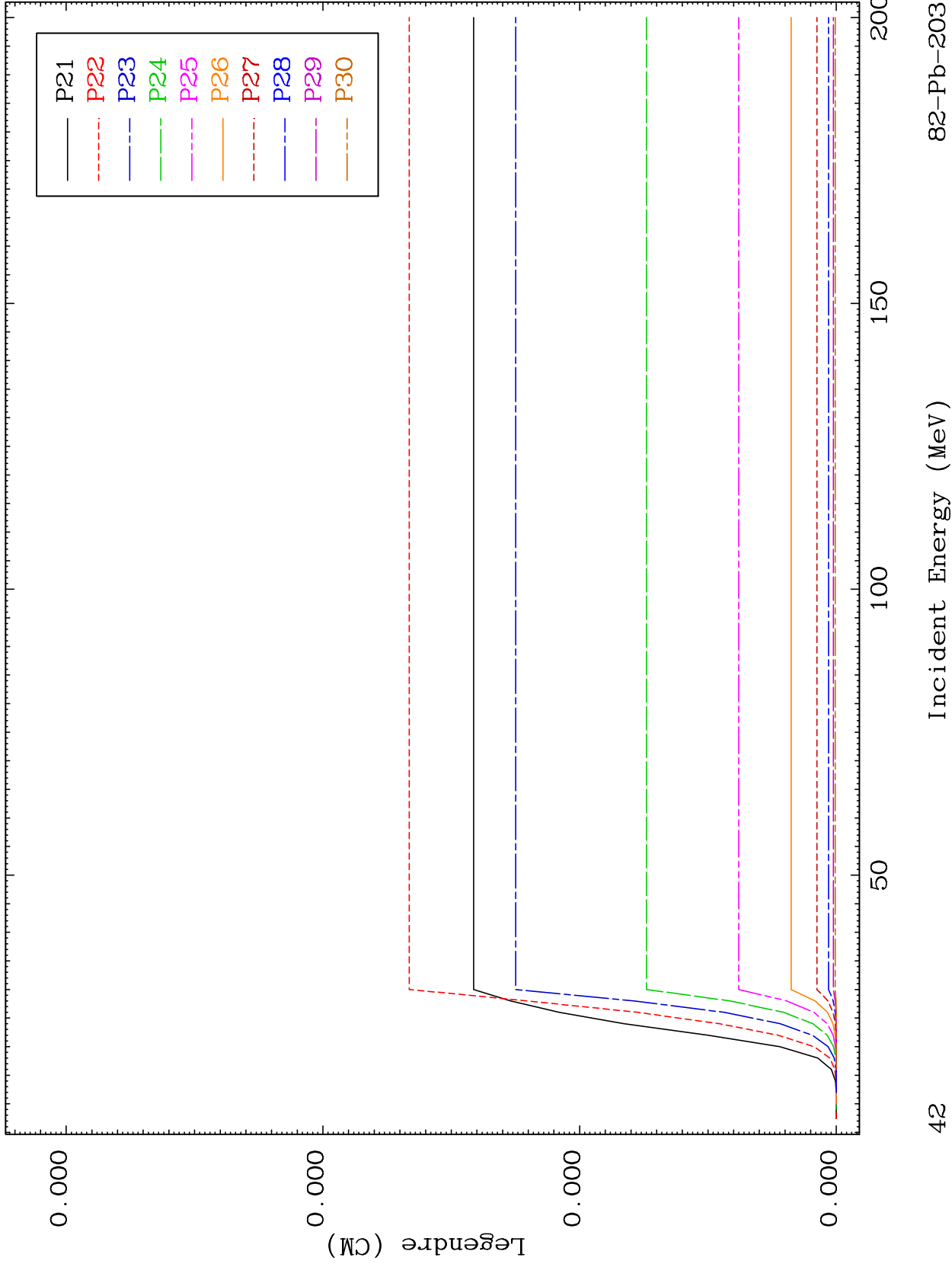
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MAT 8222

825.2 keV (n,n') Level
Legendre Coefficients

82-Pb-203



42

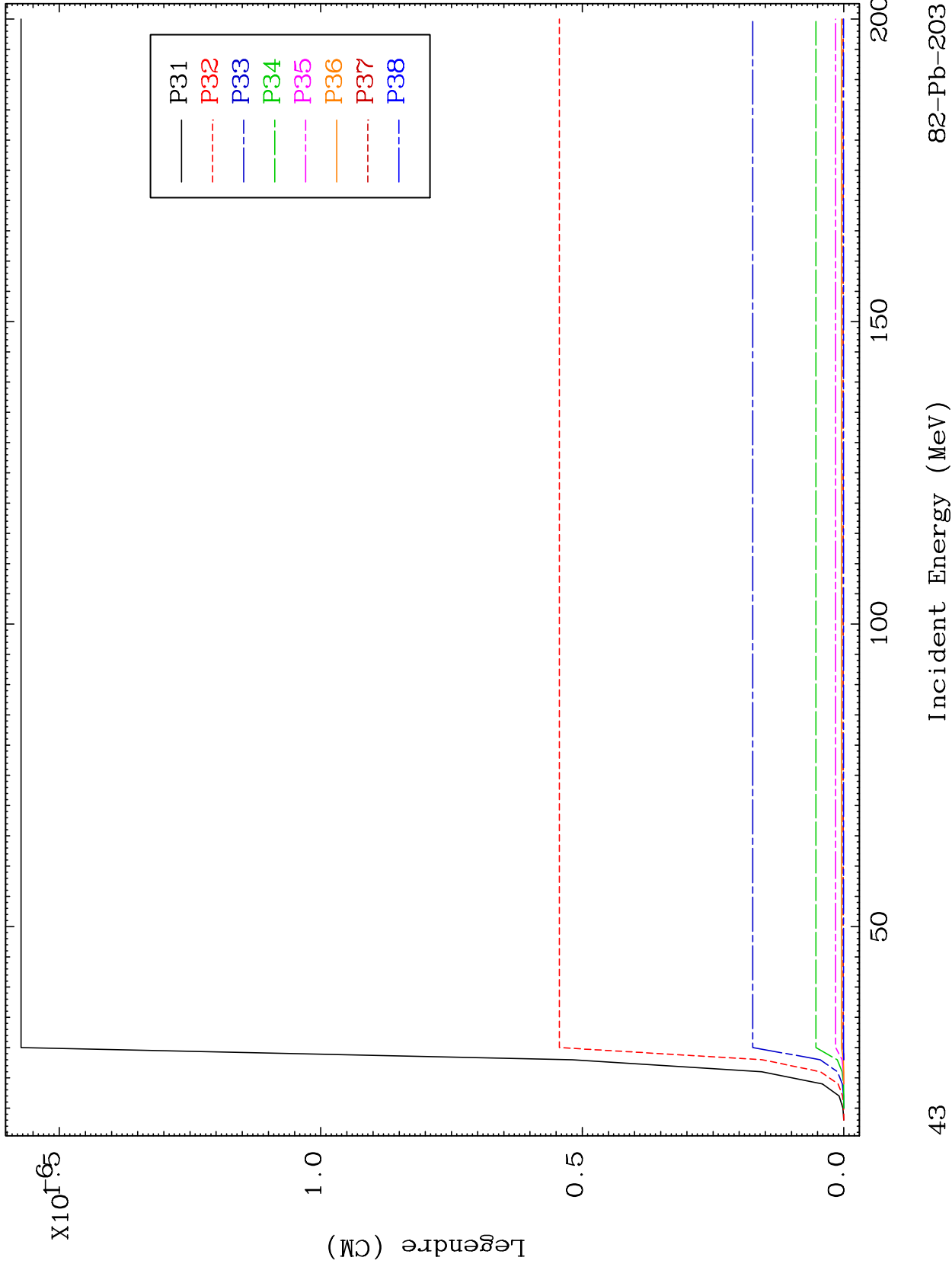
Incident Energy (MeV)

82-Pb-203

MAT 8222

825.2 keV (n,n') Level
Legendre Coefficients

82-Pb-203



43

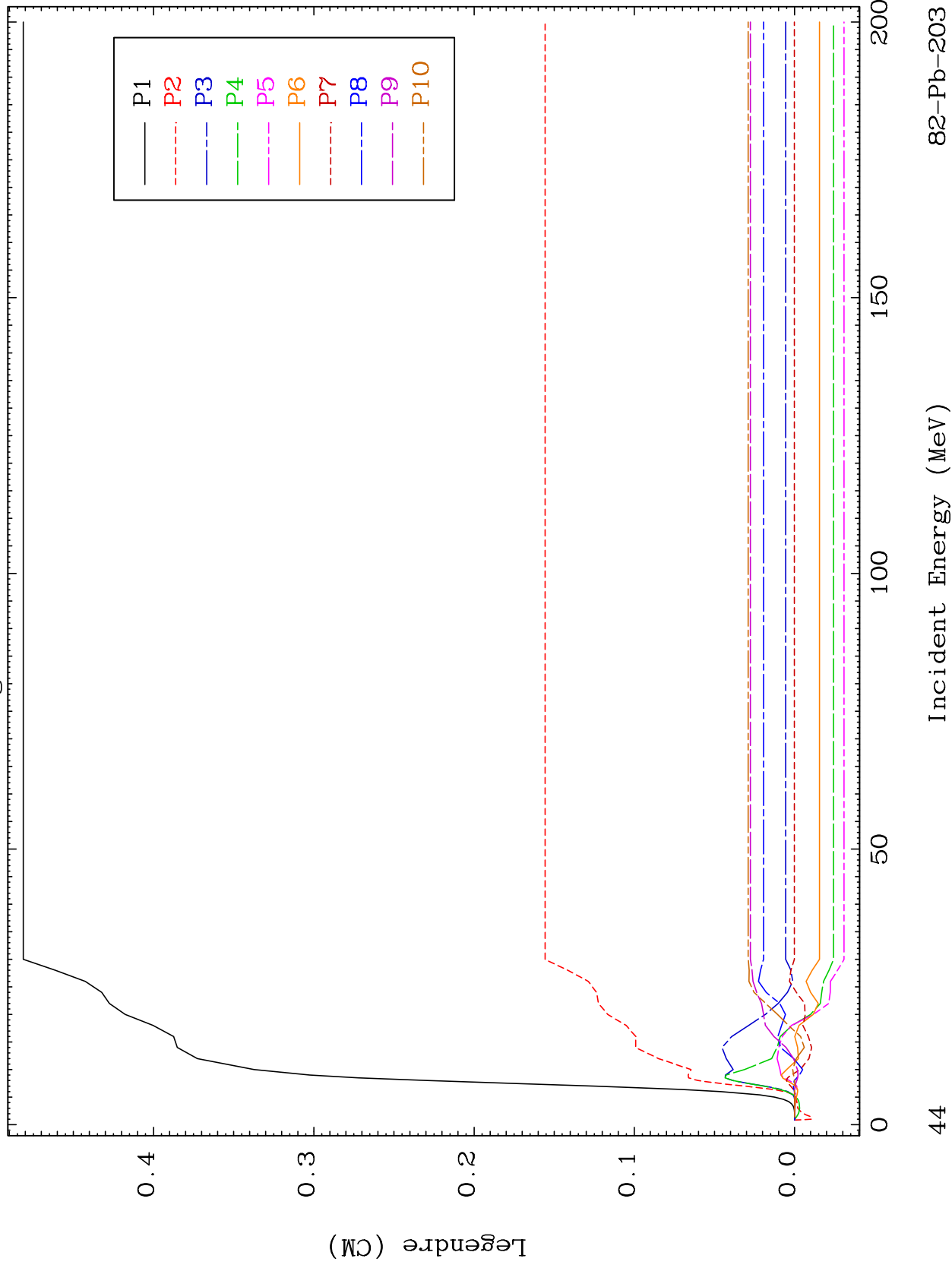
Incident Energy (MeV)

82-Pb-203

MAT 8222

834.0 keV (n,n') Level
Legendre Coefficients

82-Pb-203



44

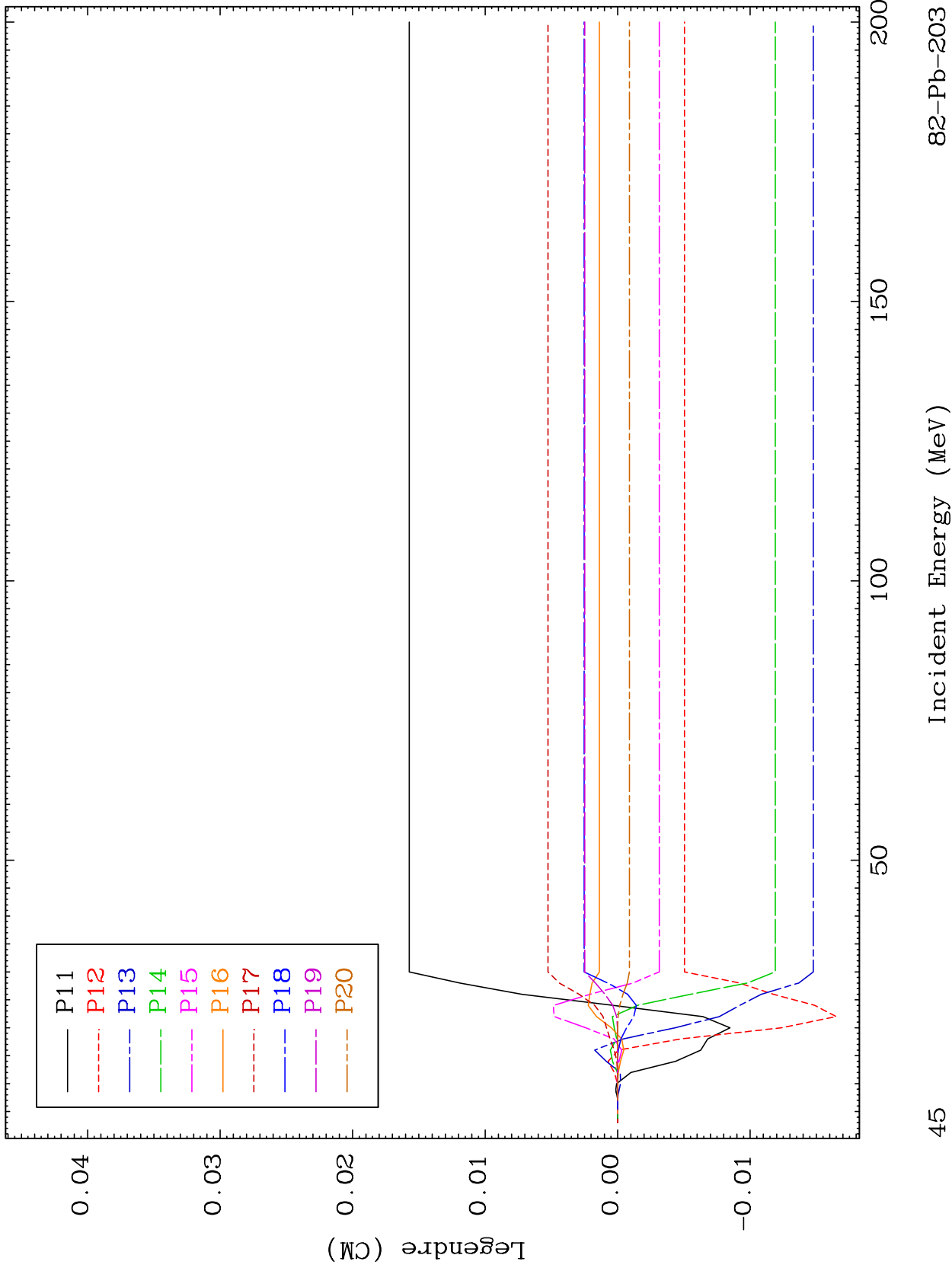
Incident Energy (MeV)

82-Pb-203

MAT 8222

834.0 keV (n,n') Level
Legendre Coefficients

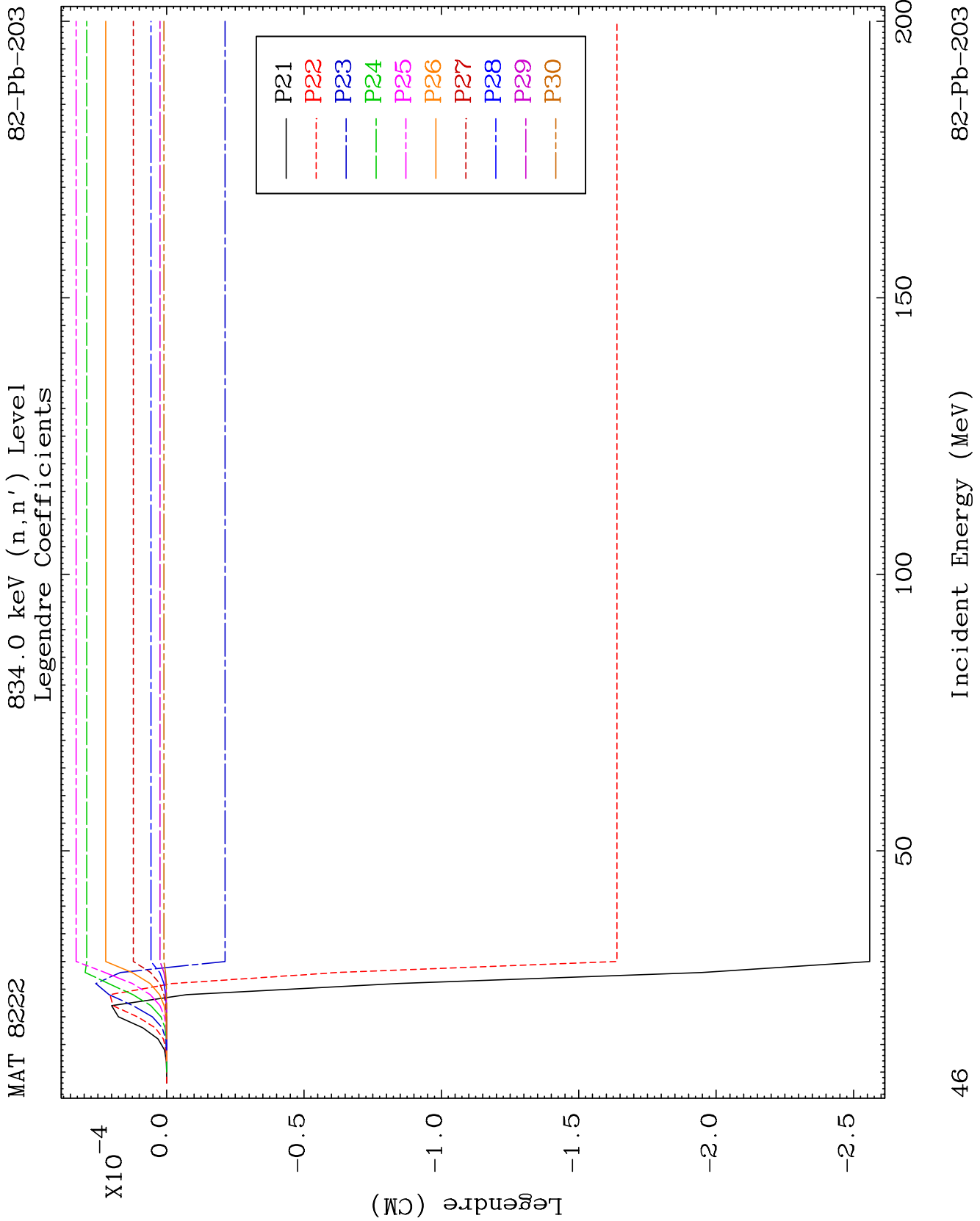
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45

Incident Energy (MeV)

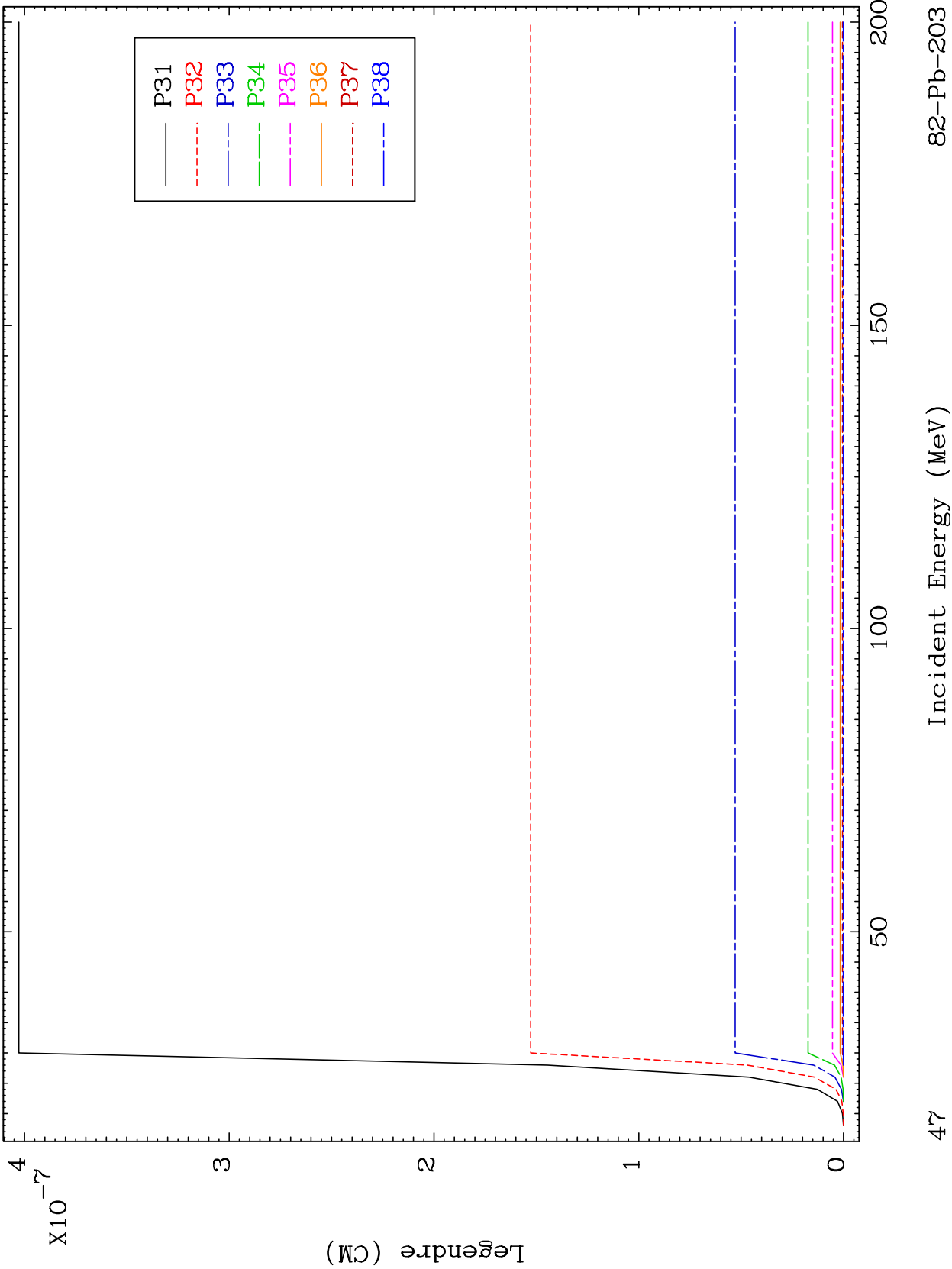
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MAT 8222

834.0 keV (n,n') Level
Legendre Coefficients

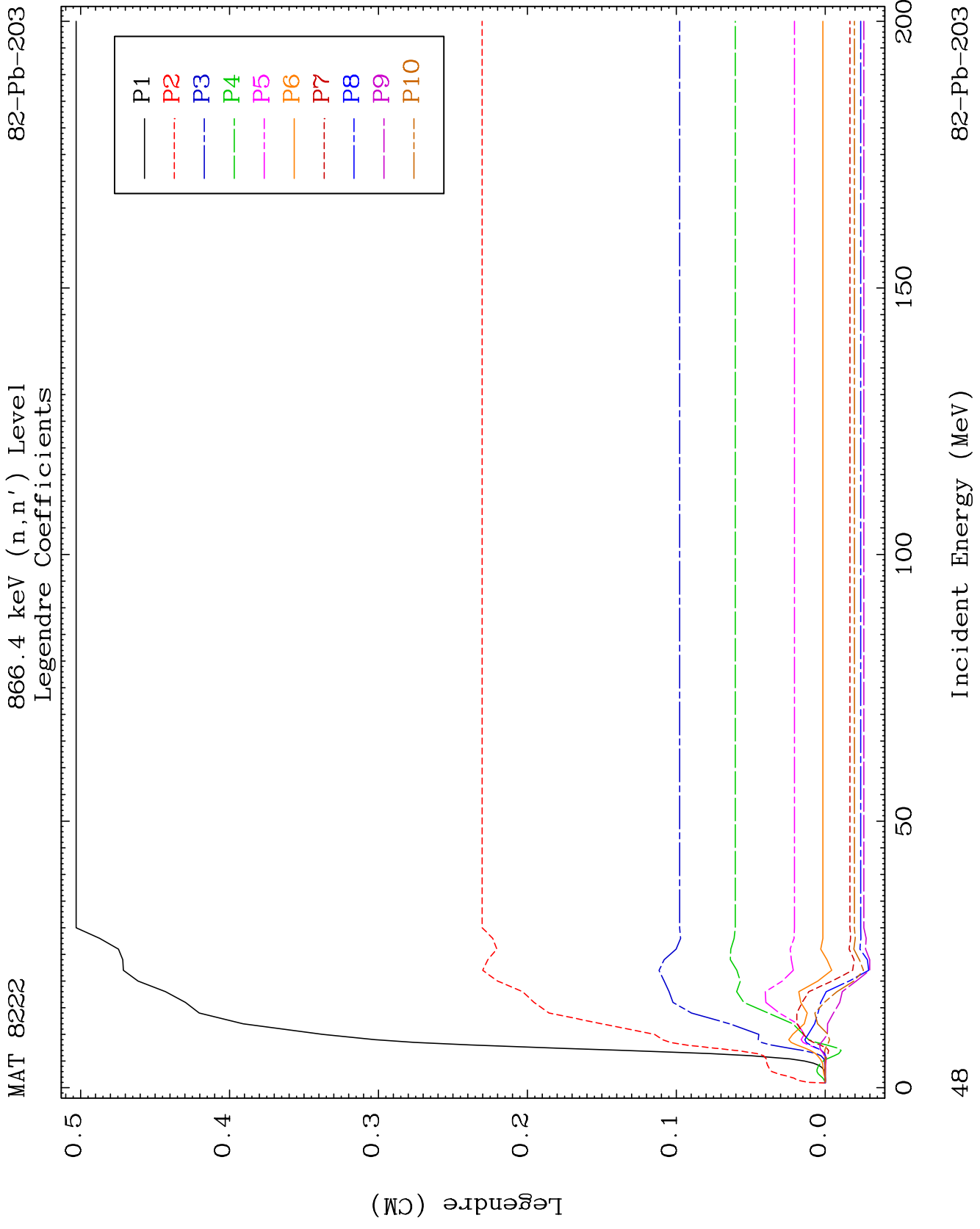
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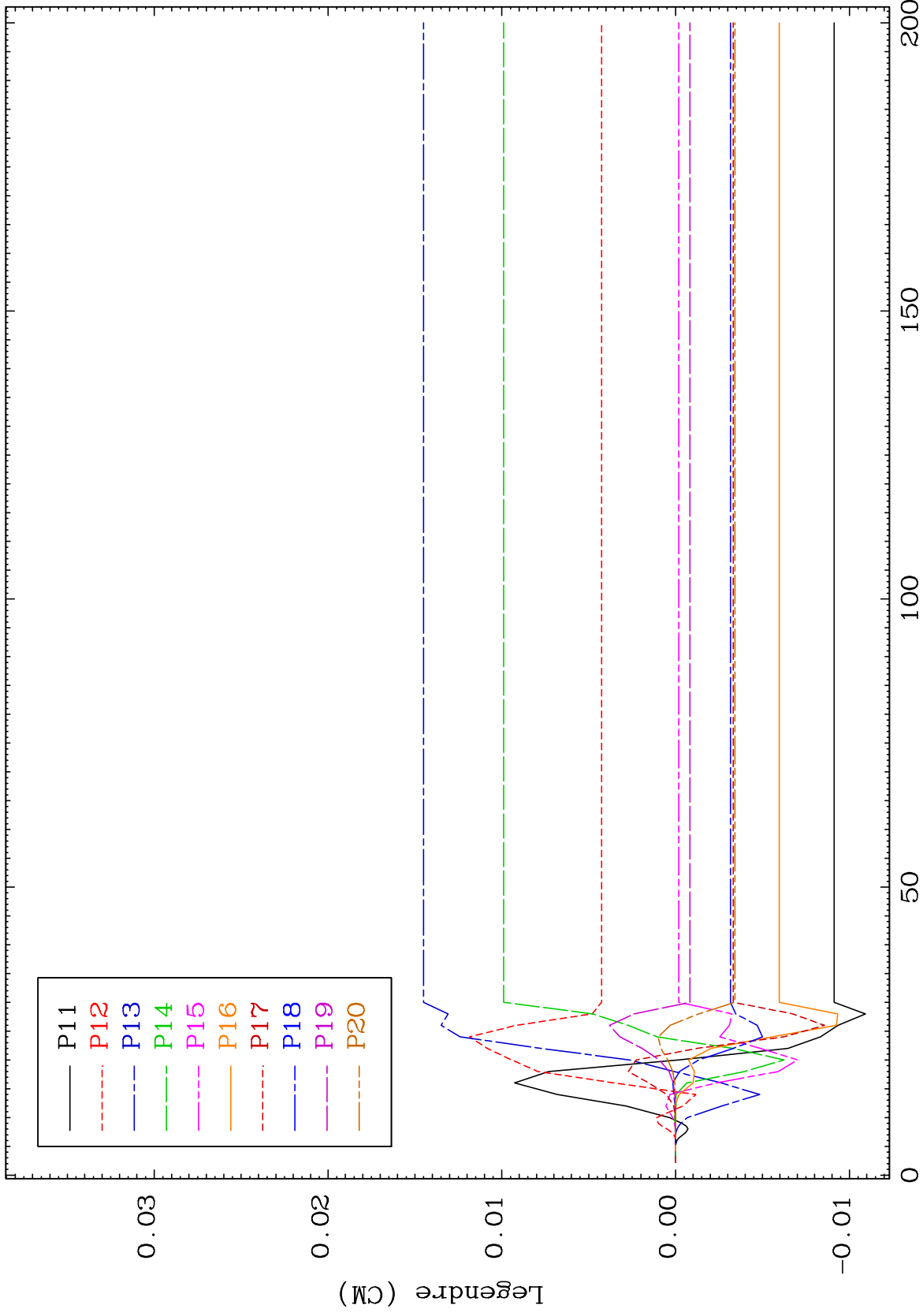


47

Incident Energy (MeV)

82-Pb-203

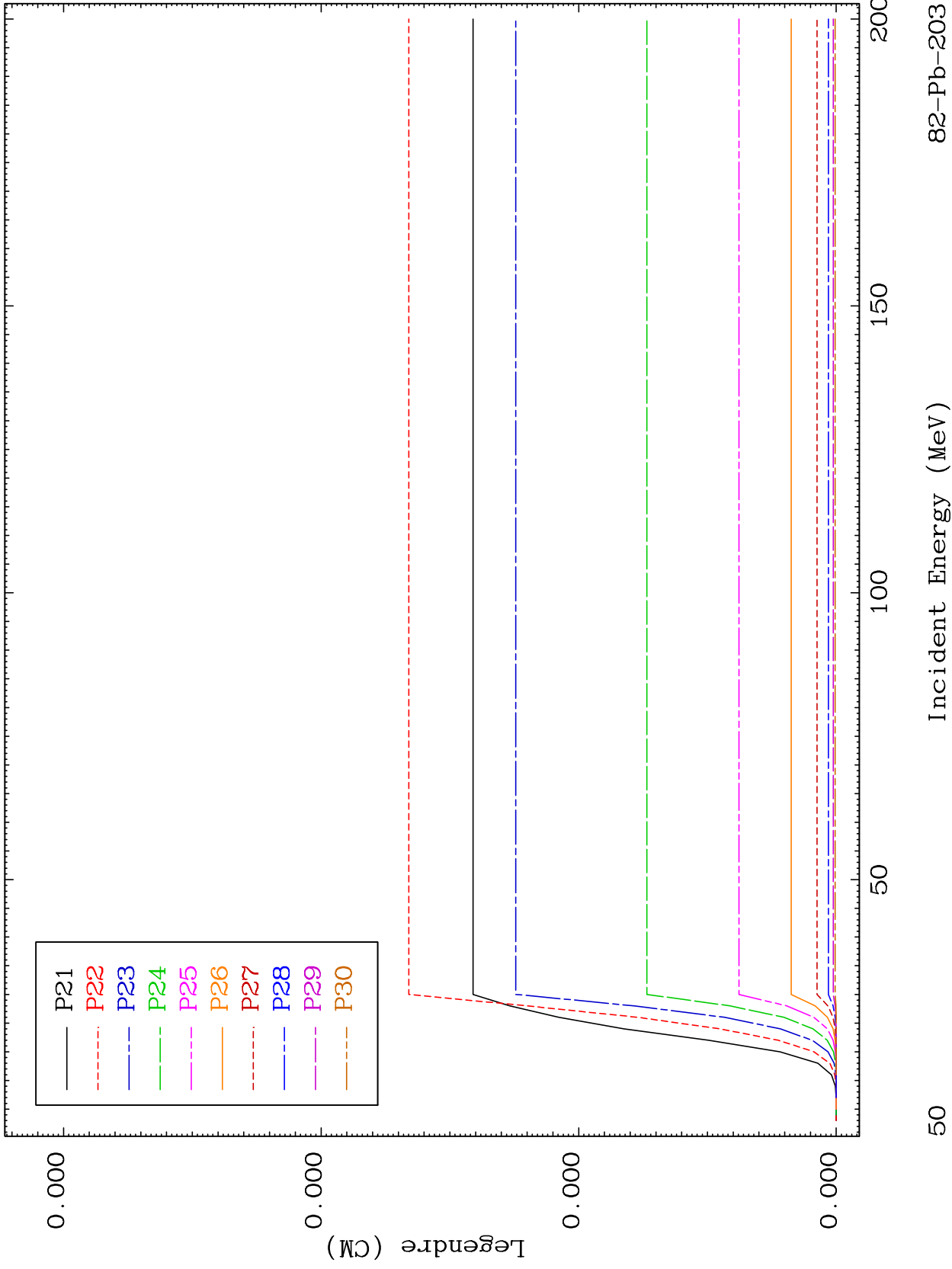


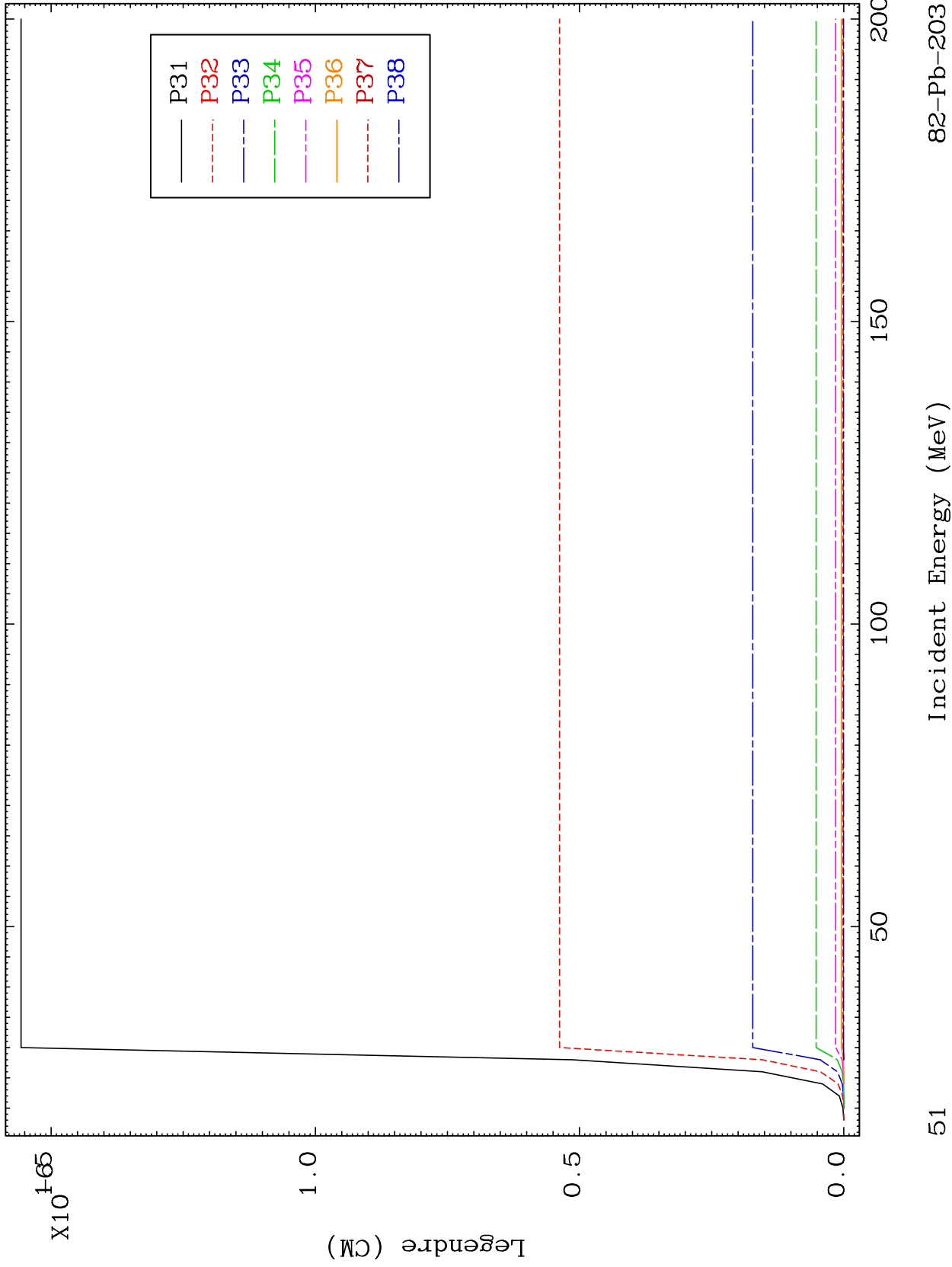


MAT 82222

866.4 keV (n,n') Level
Legendre Coefficients

82-Pb-203

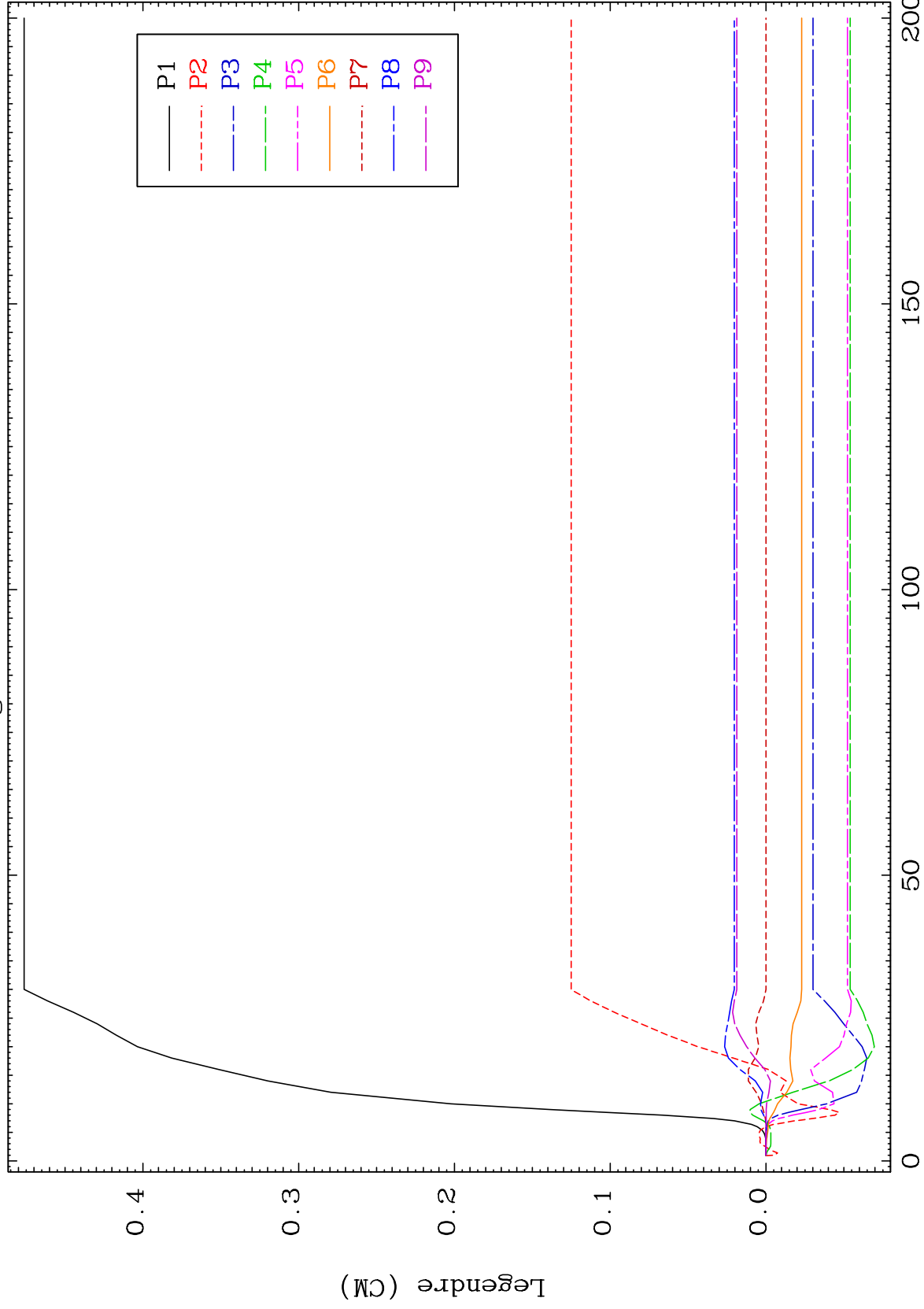




MAT 82222

896.9 keV (n,n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

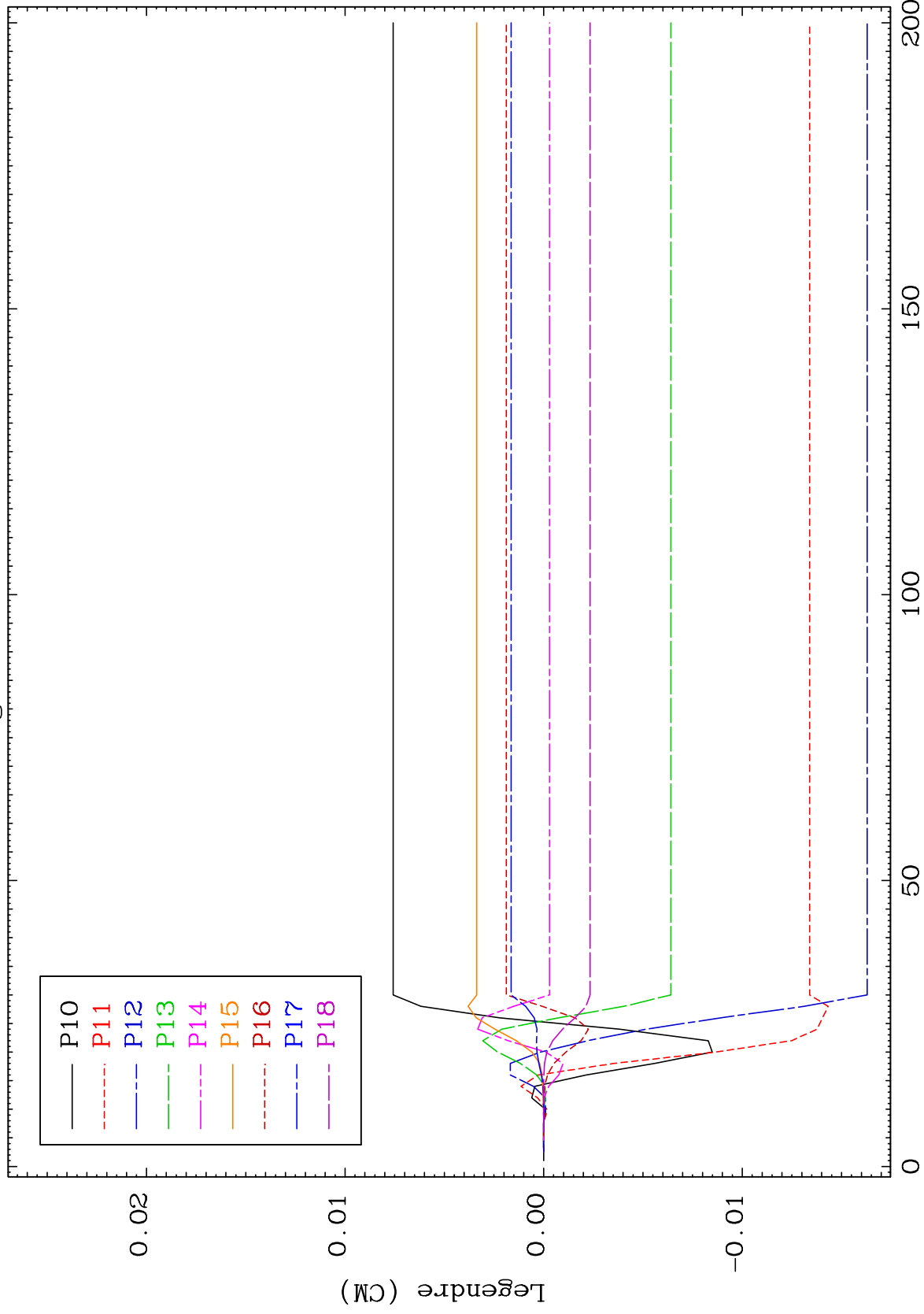
Incident Energy (MeV)

52

MAT 82222

896.9 keV (n,n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

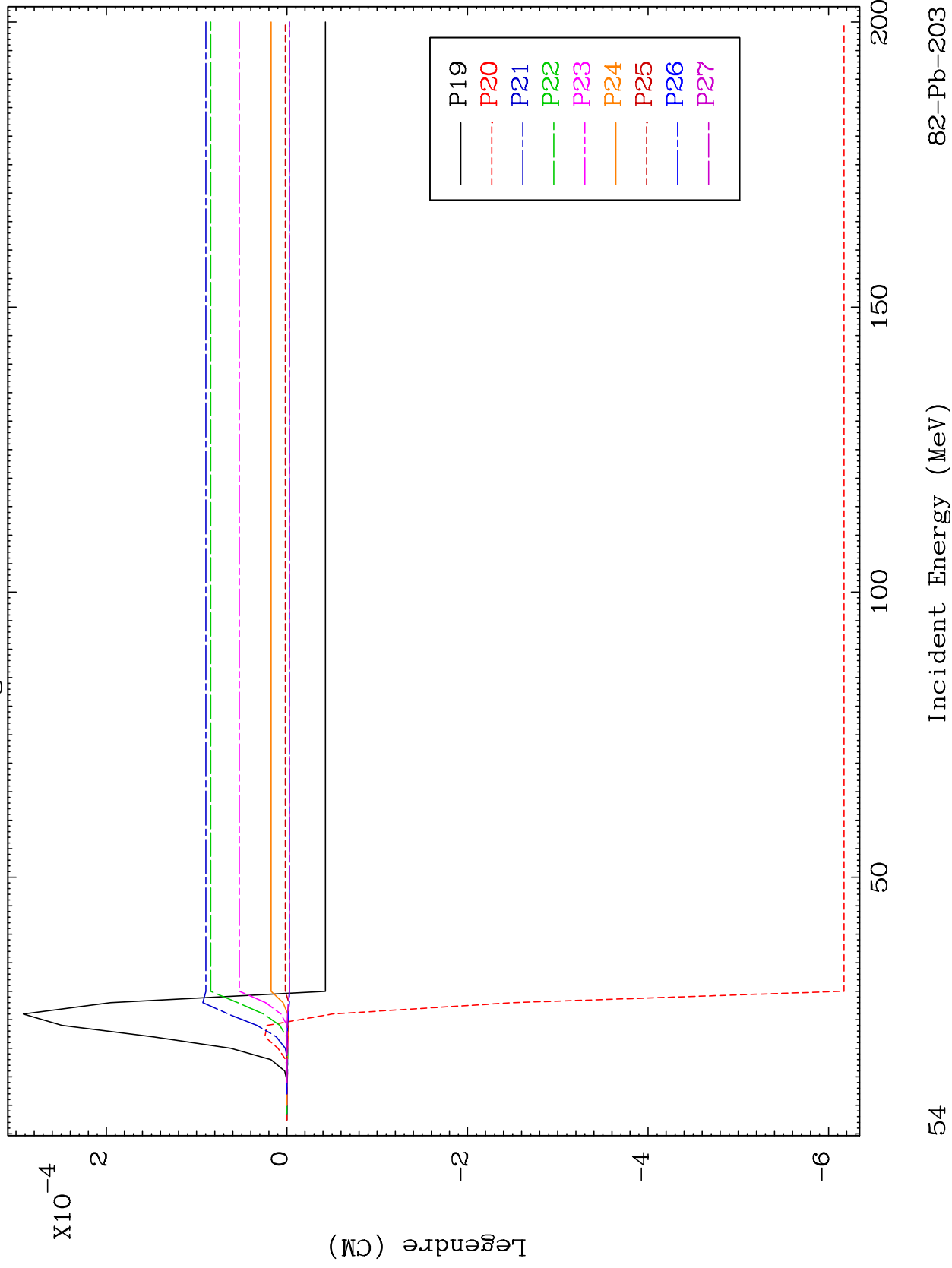
Incident Energy (MeV)

53

MAT 82222

896.9 keV (n,n') Level
Legendre Coefficients

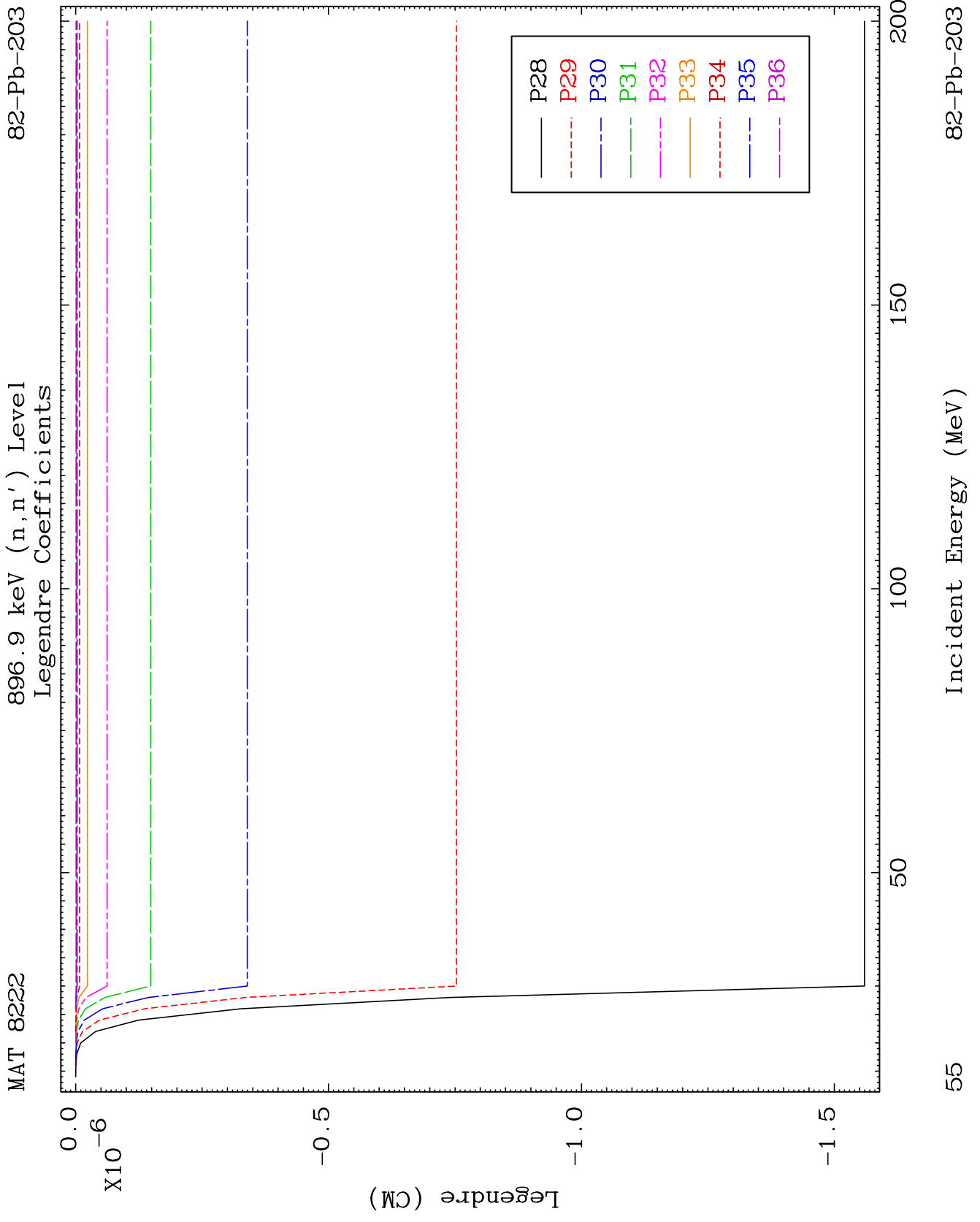
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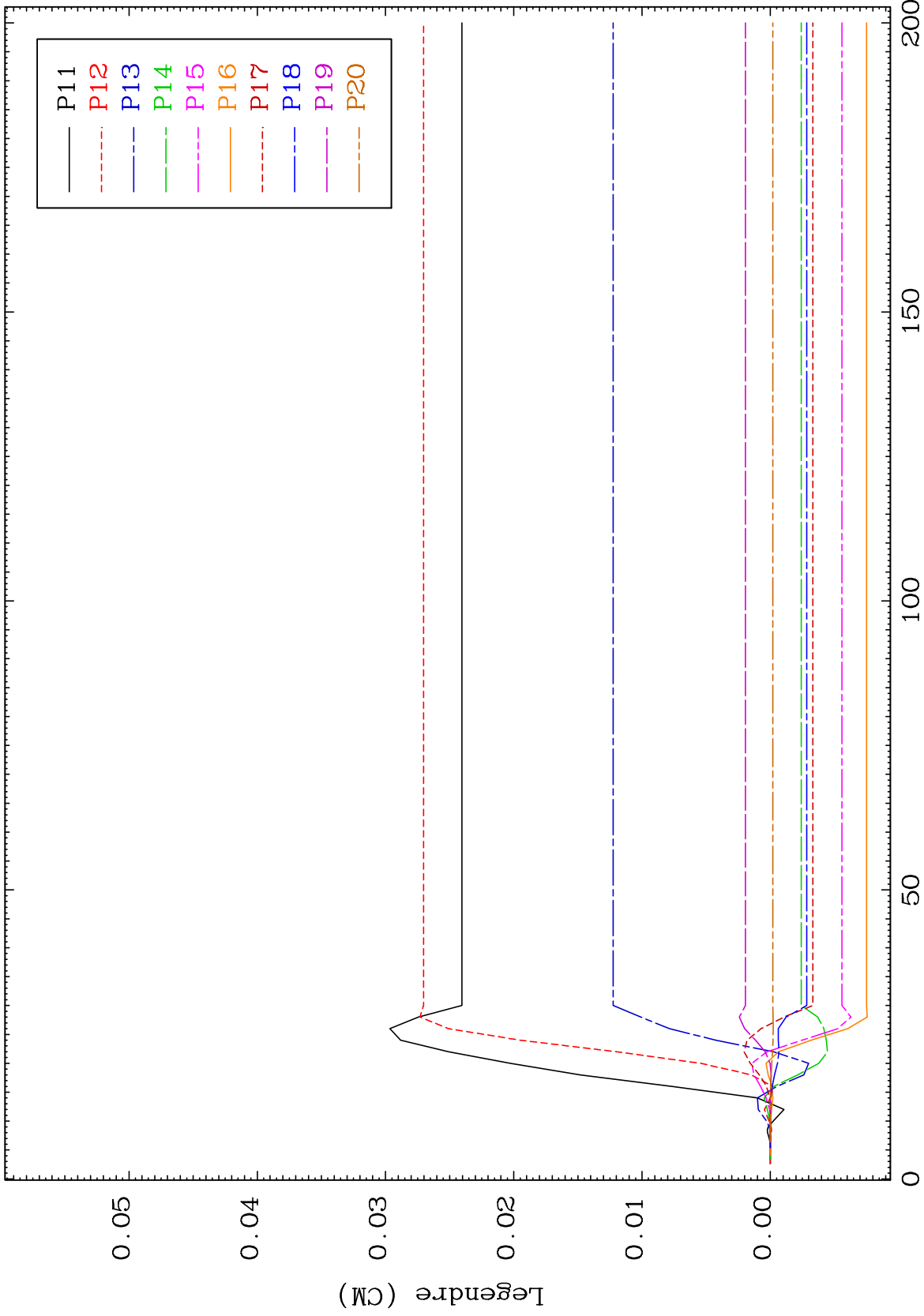


54

Incident Energy (MeV)

82-Pb-203

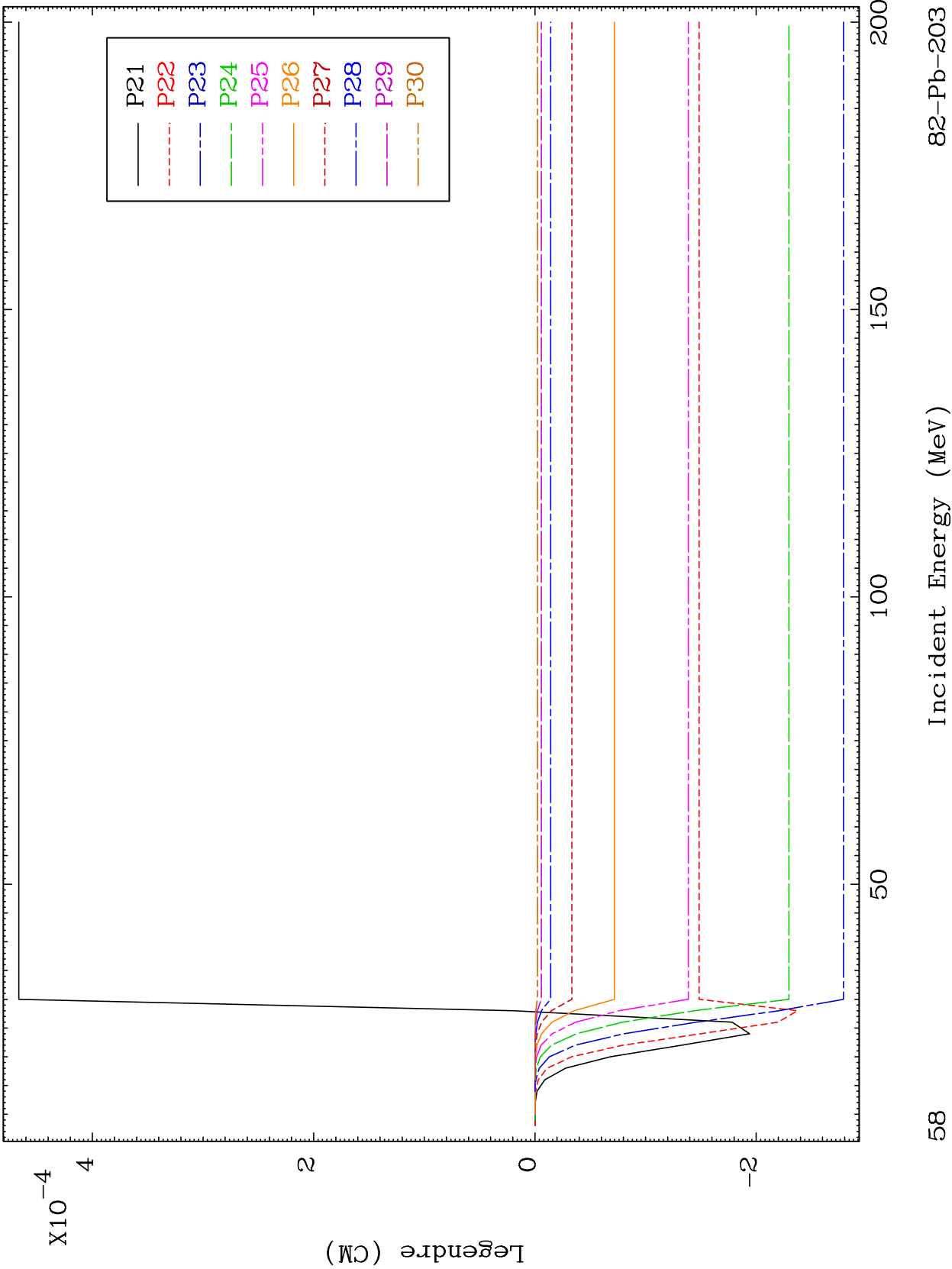




MAT 8222

909.0 keV (n,n') Level
Legendre Coefficients

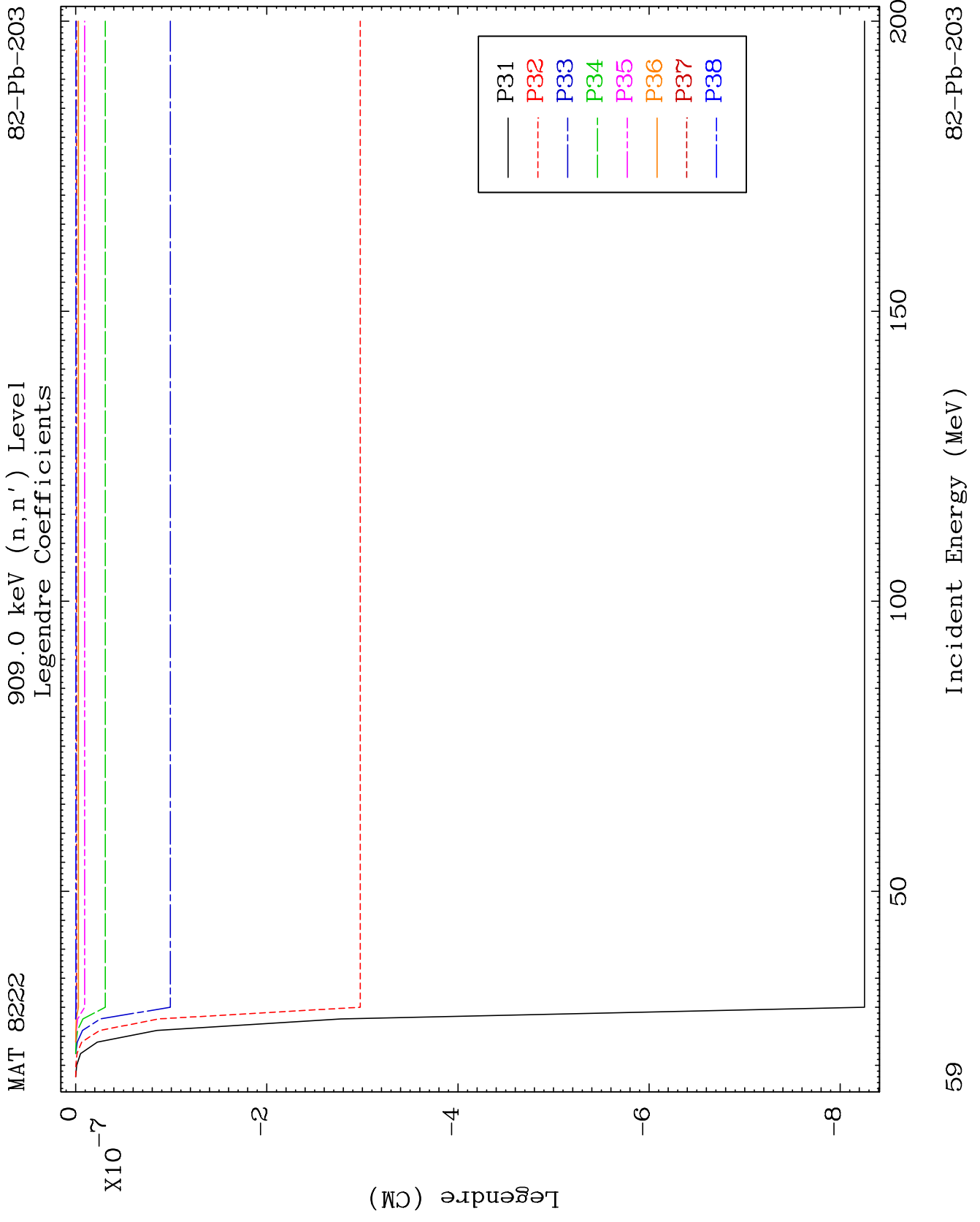
82-Pb-203



58

Incident Energy (MeV)

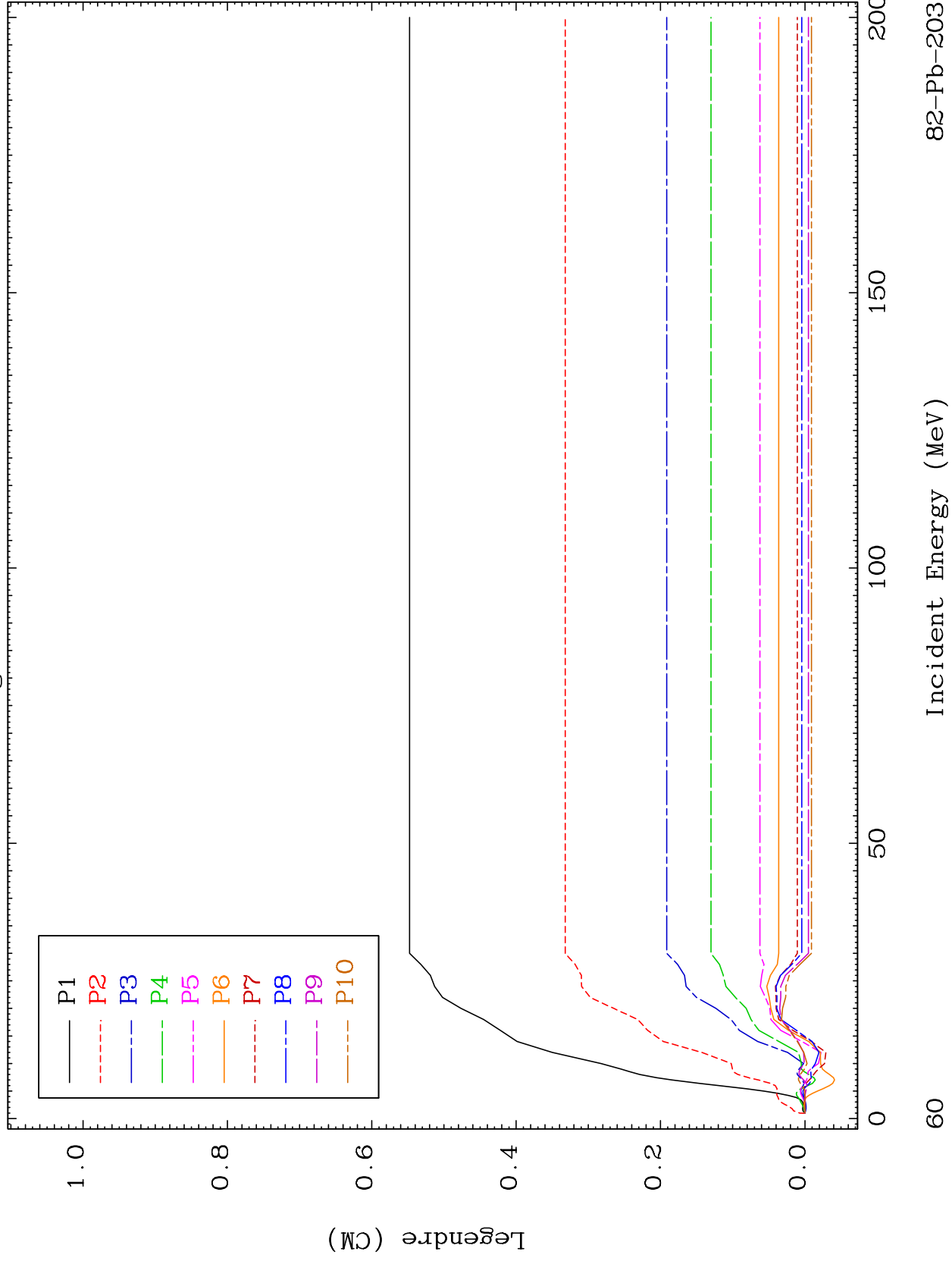
82-Pb-203



MAT 8222

933.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

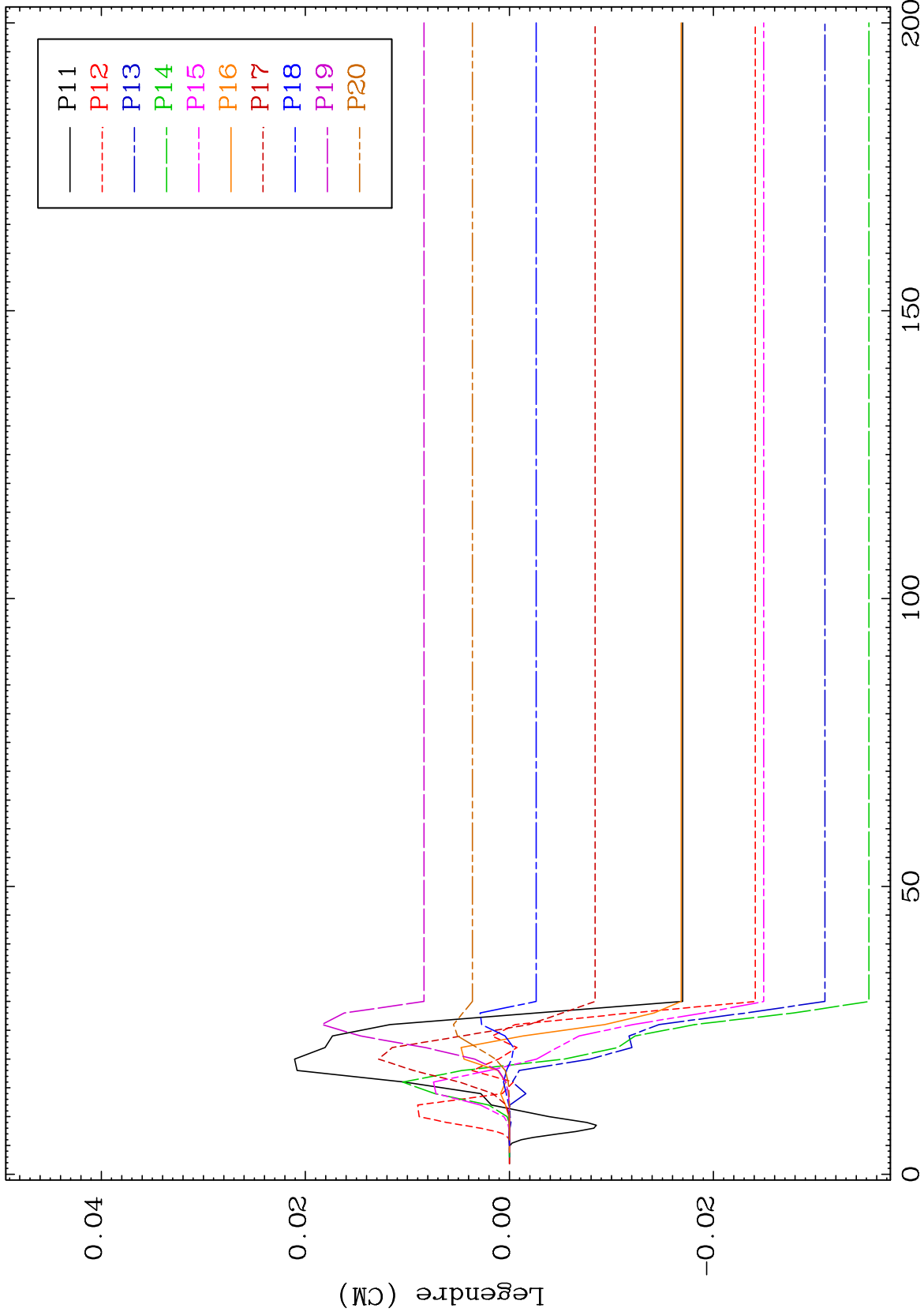
Incident Energy (MeV)

60

MAT 8222

933.1 keV (n,n') Level
Legendre Coefficients

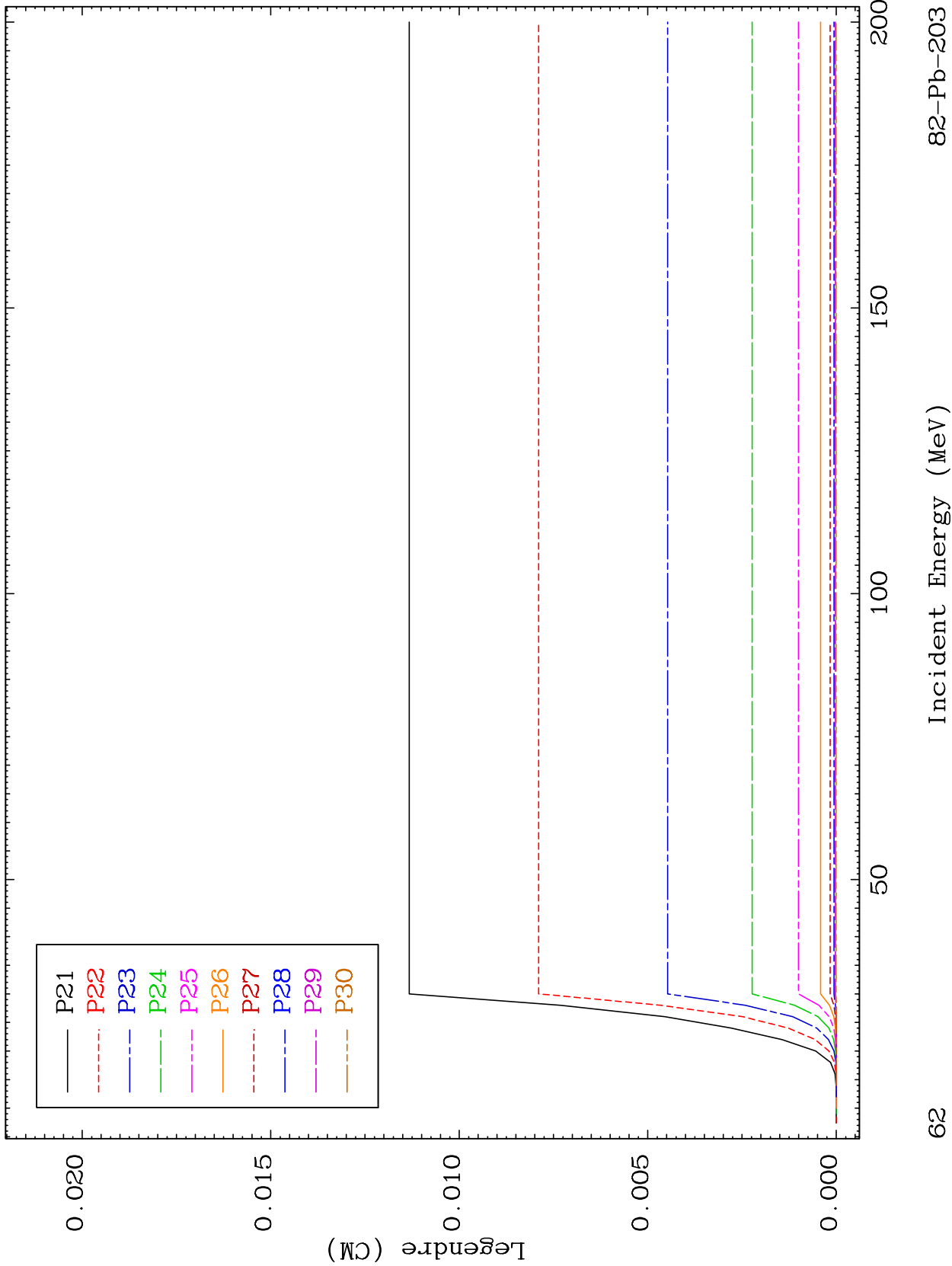
82-Pb-203



61

Incident Energy (MeV)

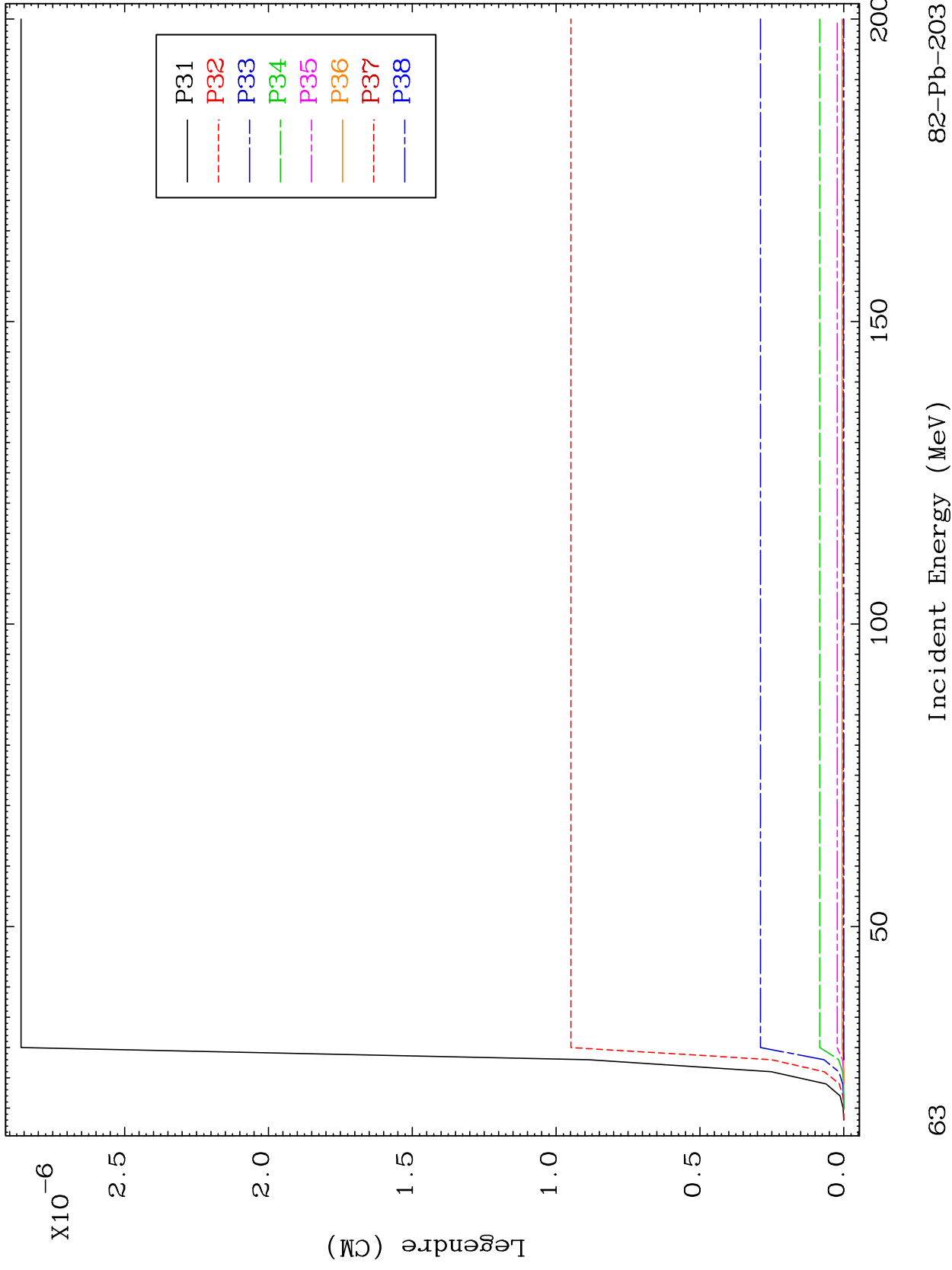
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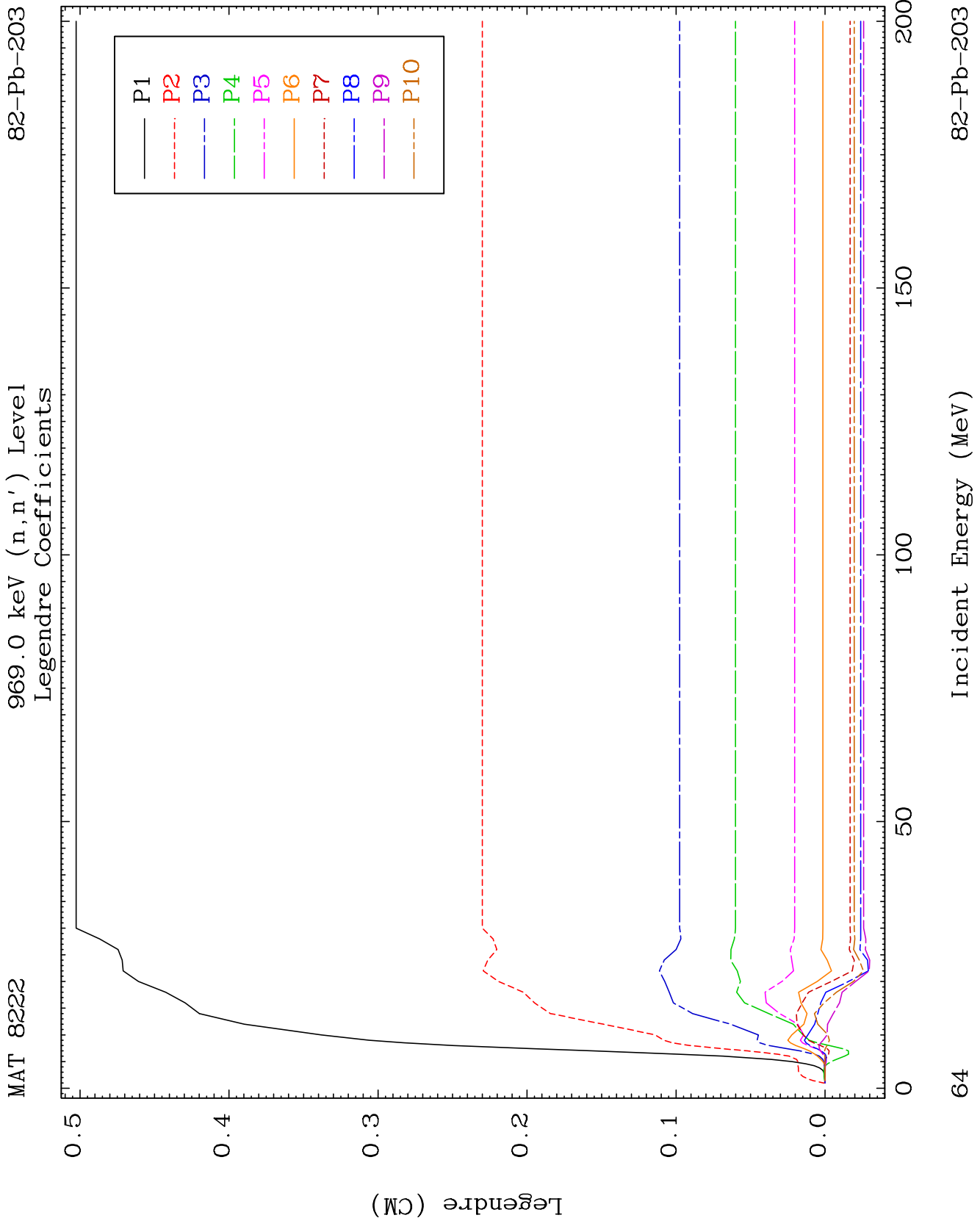


MAT 82222

933.1 keV (n,n') Level
Legendre Coefficients

82-Pb-203

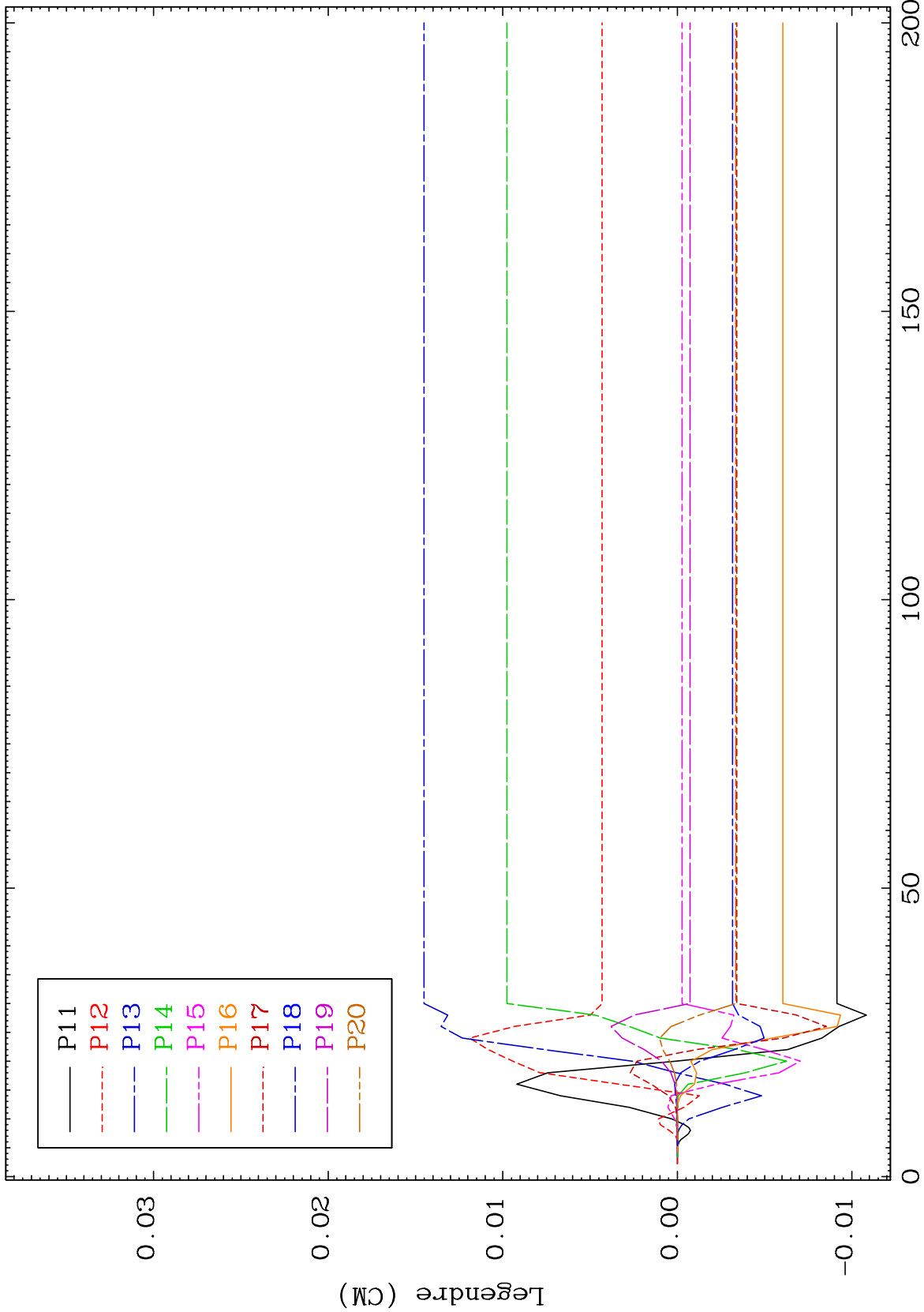




MAT 8222

969.0 keV (n,n') Level
Legendre Coefficients

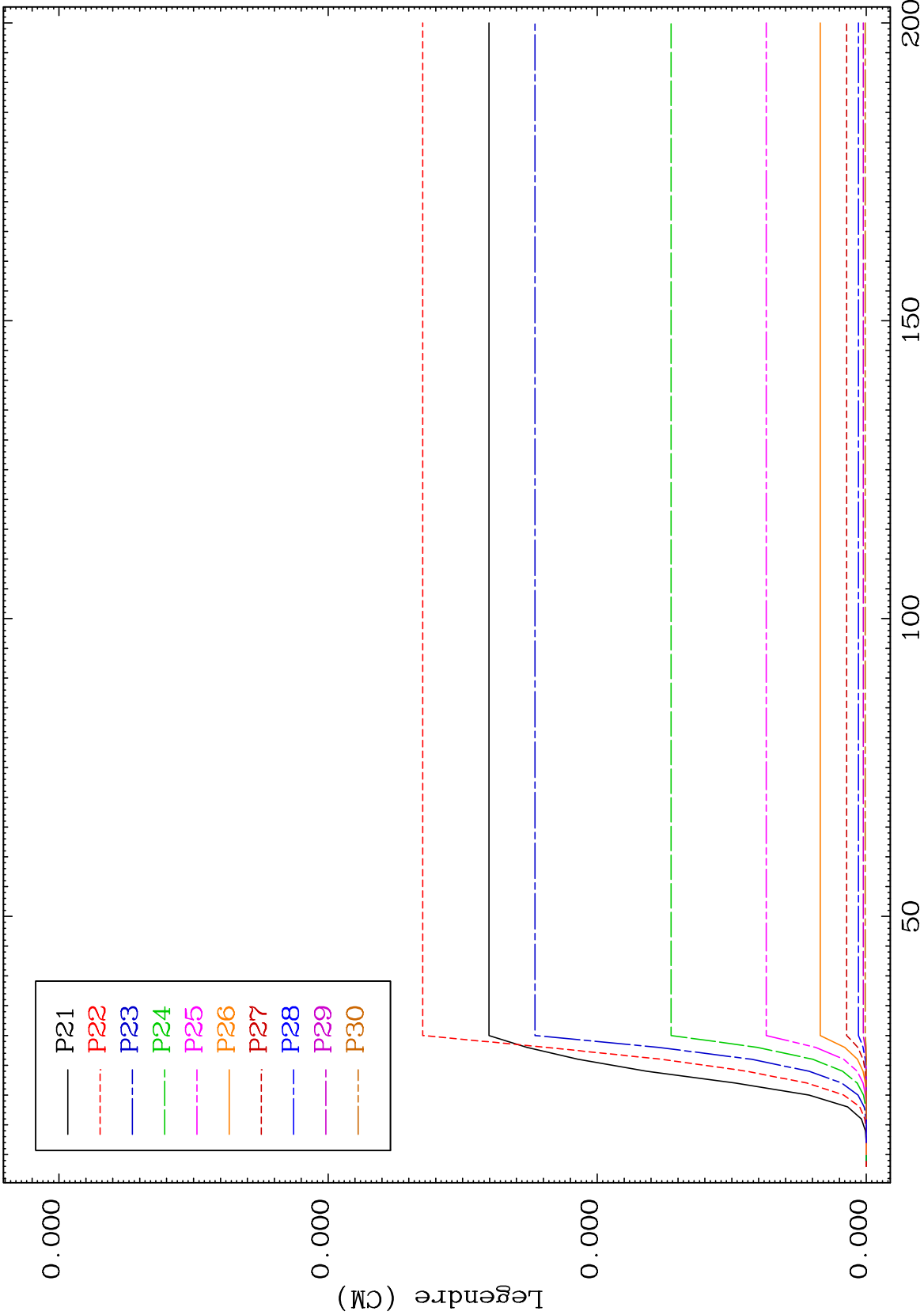
82-Pb-203



65

Incident Energy (MeV)

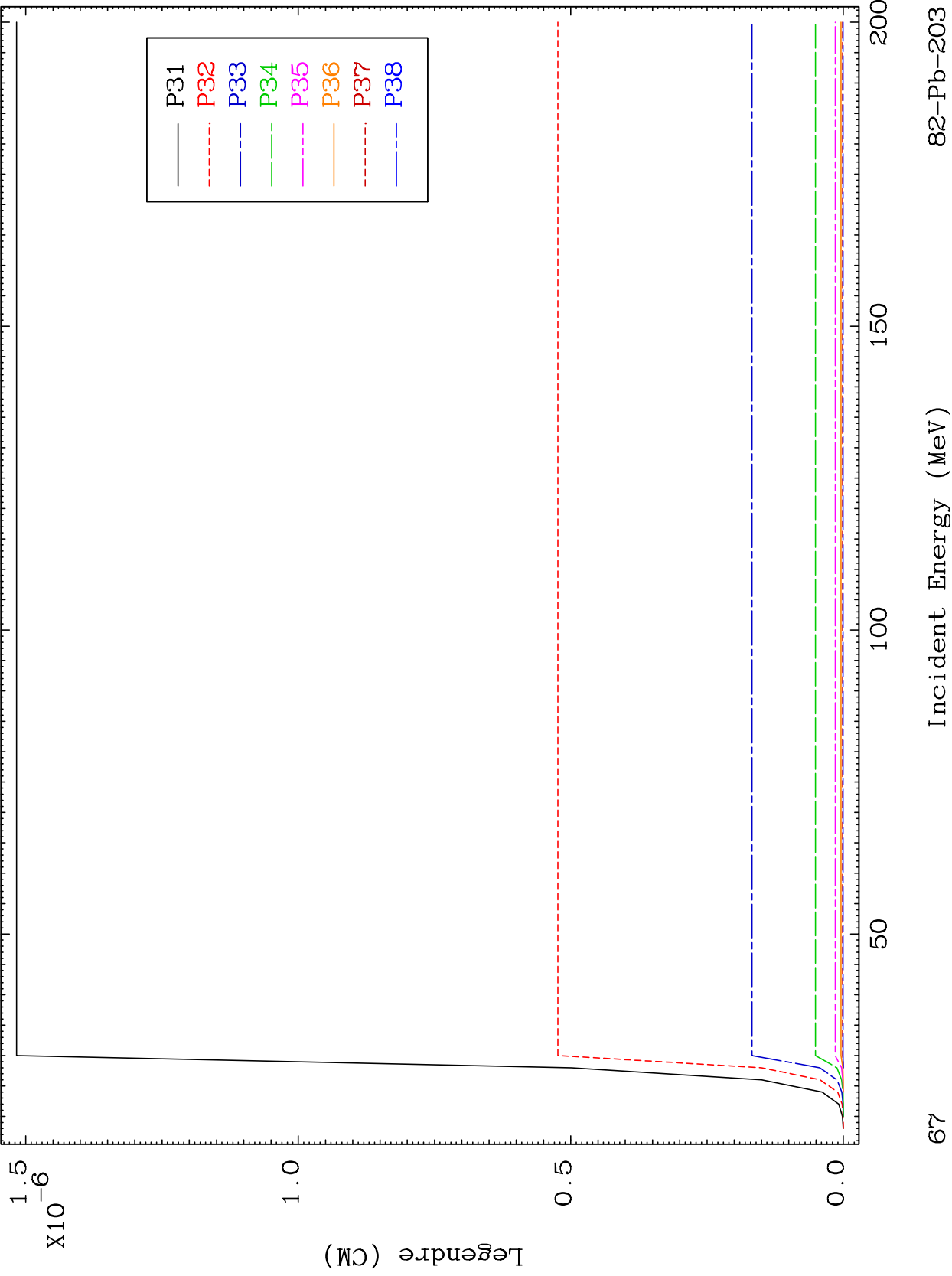
82-Pb-203



MAT 8222

969.0 keV (n,n') Level
Legendre Coefficients

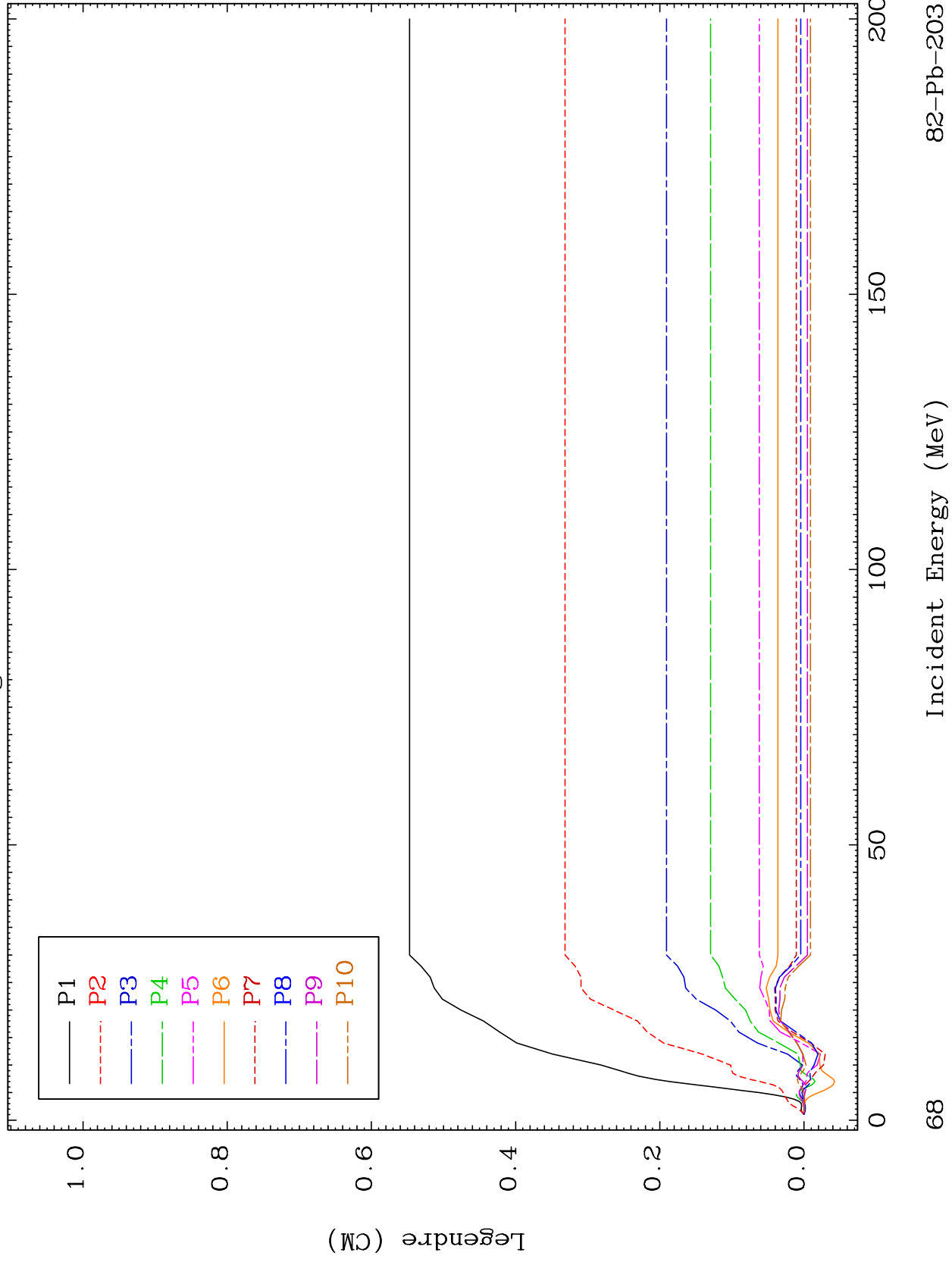
82-Pb-203



MAT 8222

1.034 MeV (n,n') Level
Legendre Coefficients

82-Pb-203

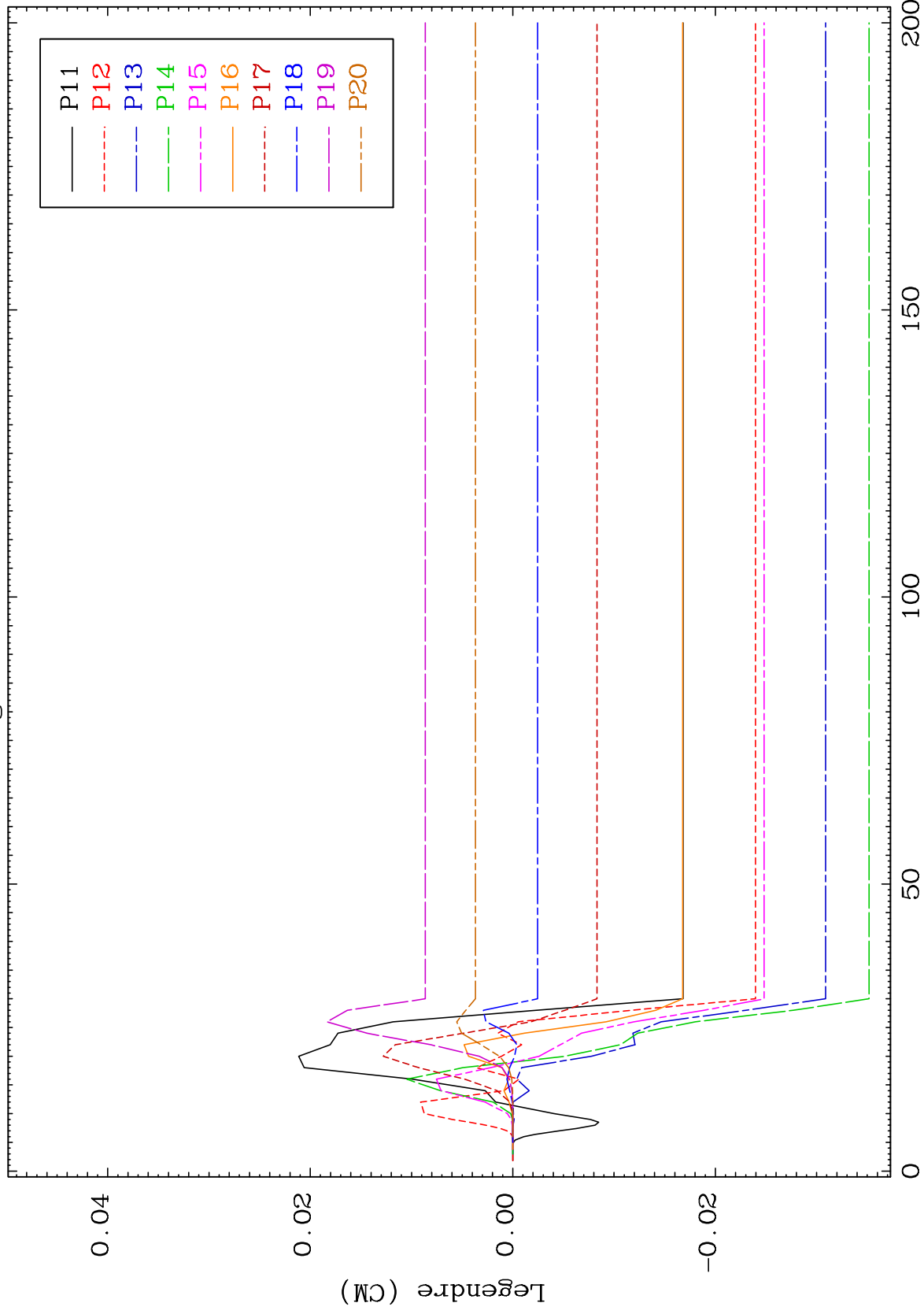


68

MAT 8222

1.034 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



69

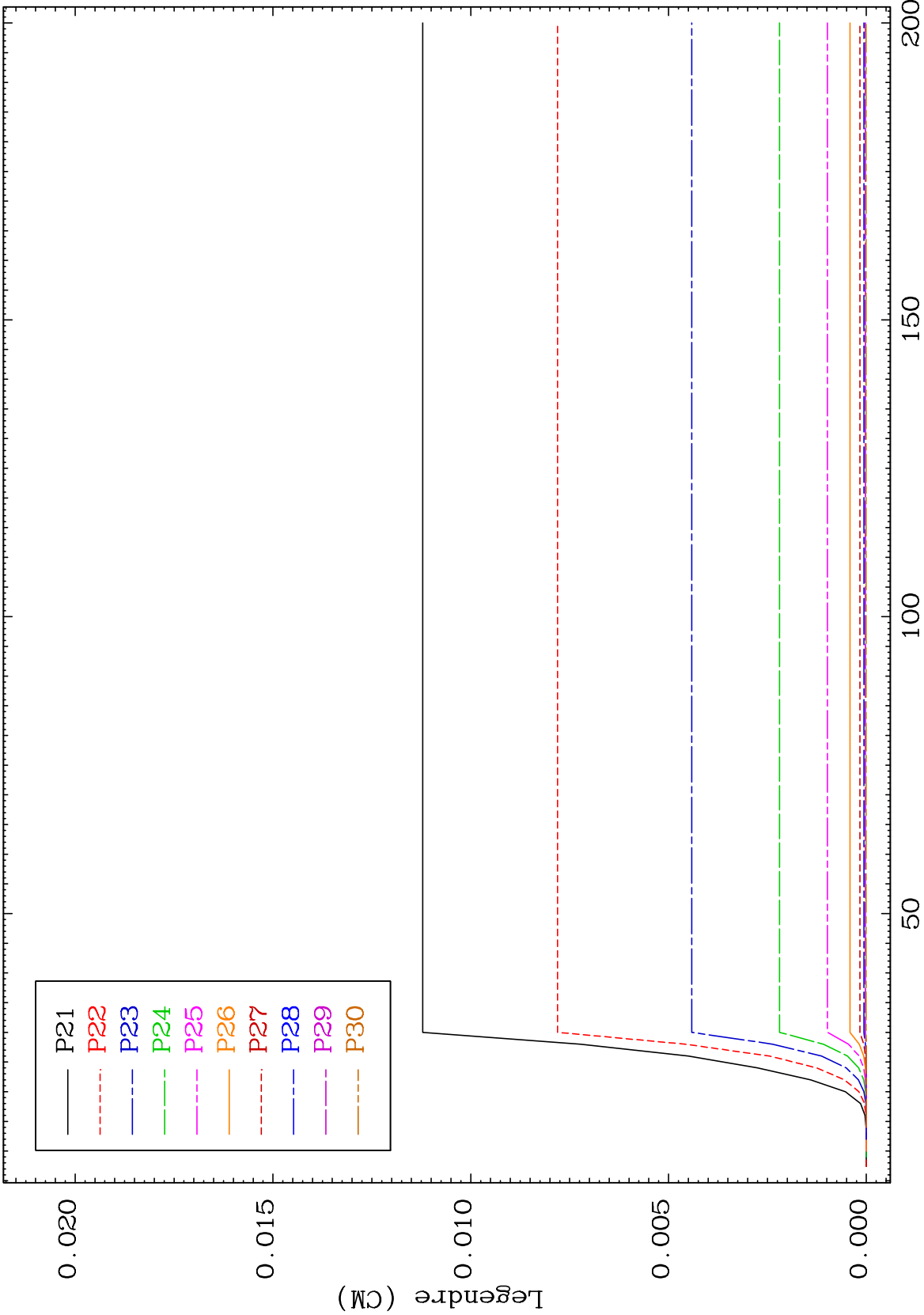
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.034 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



70

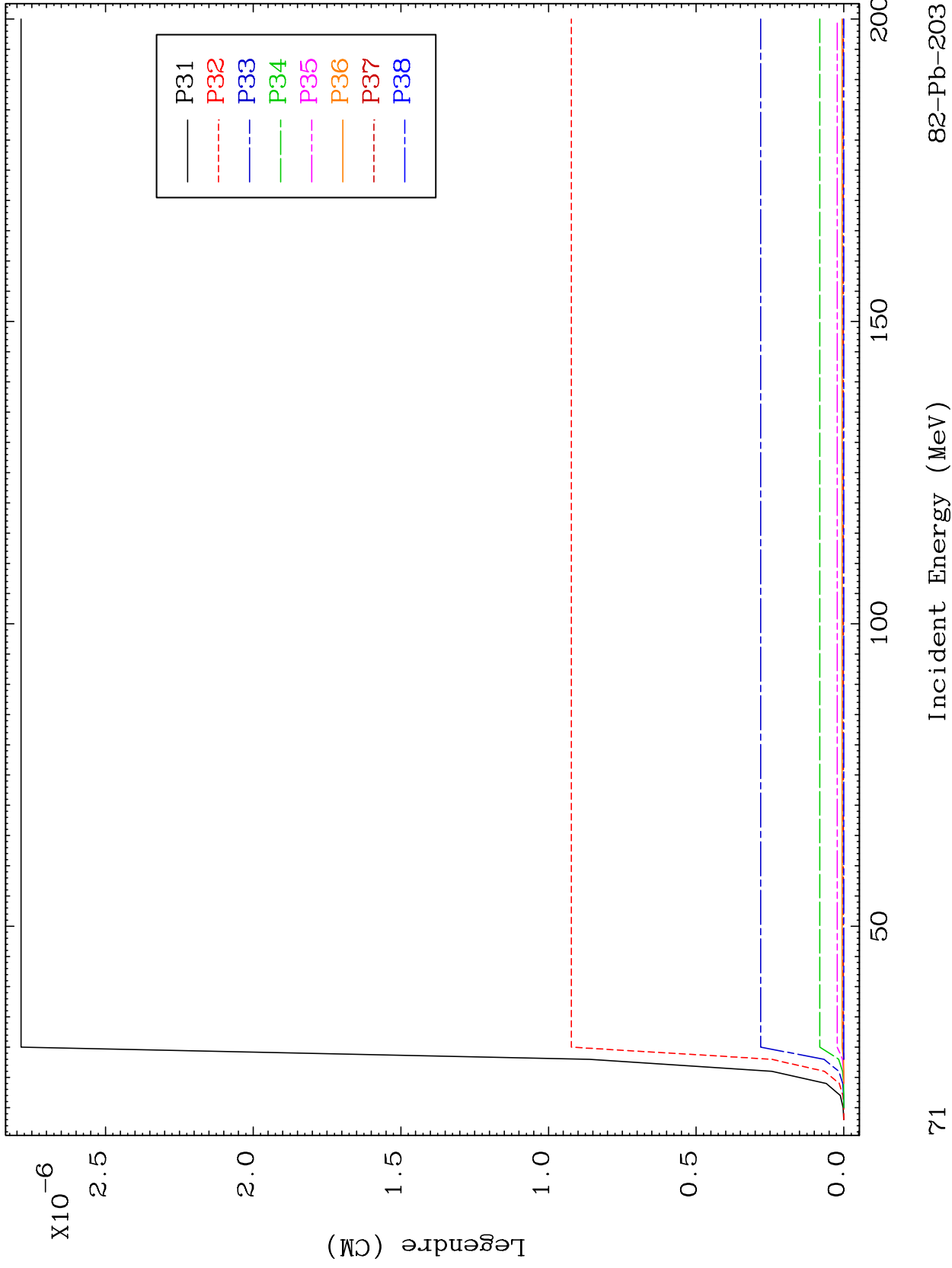
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.034 MeV (n,n') Level
Legendre Coefficients

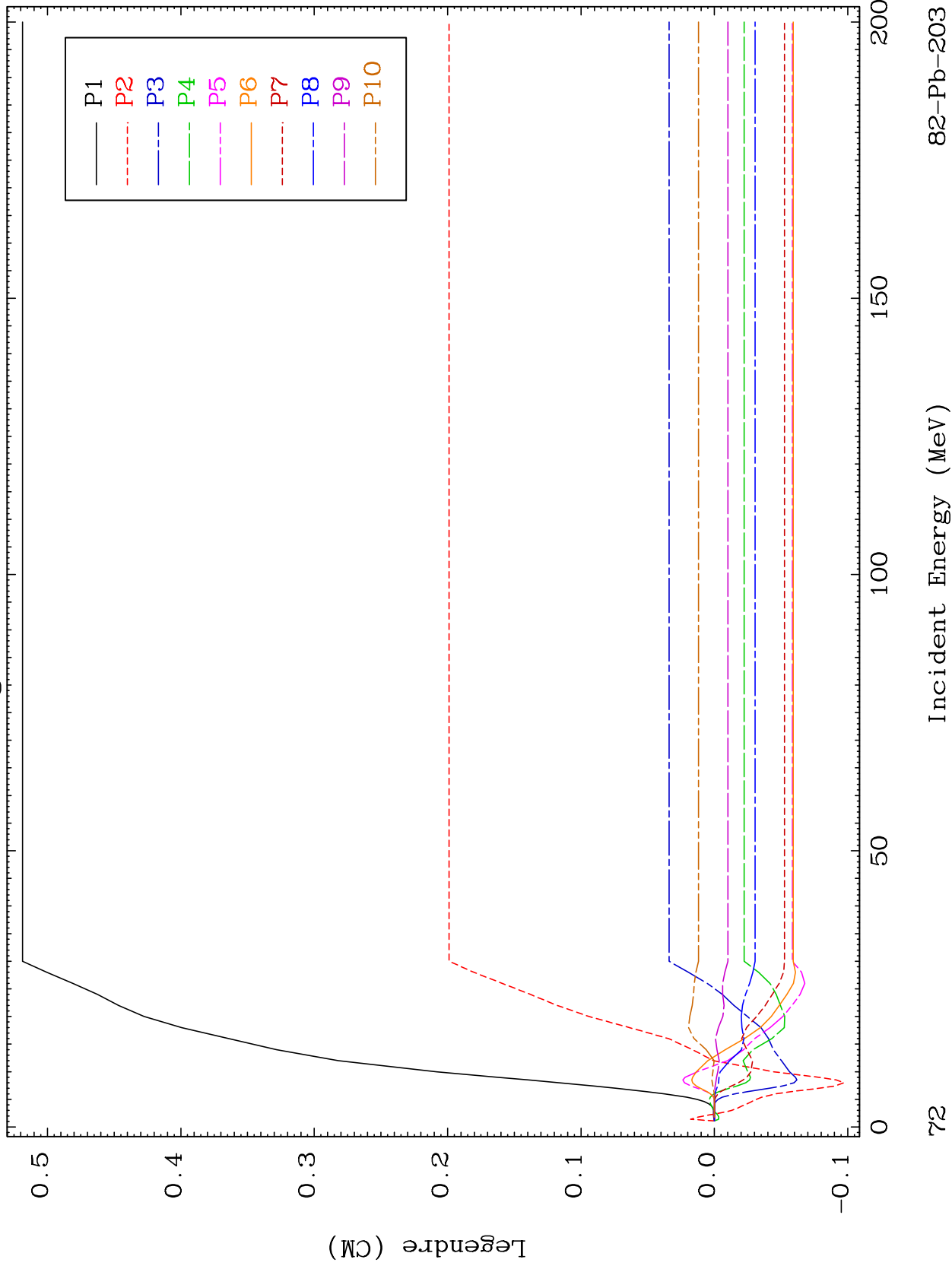
82-Pb-203



MAT 8222

1.084 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

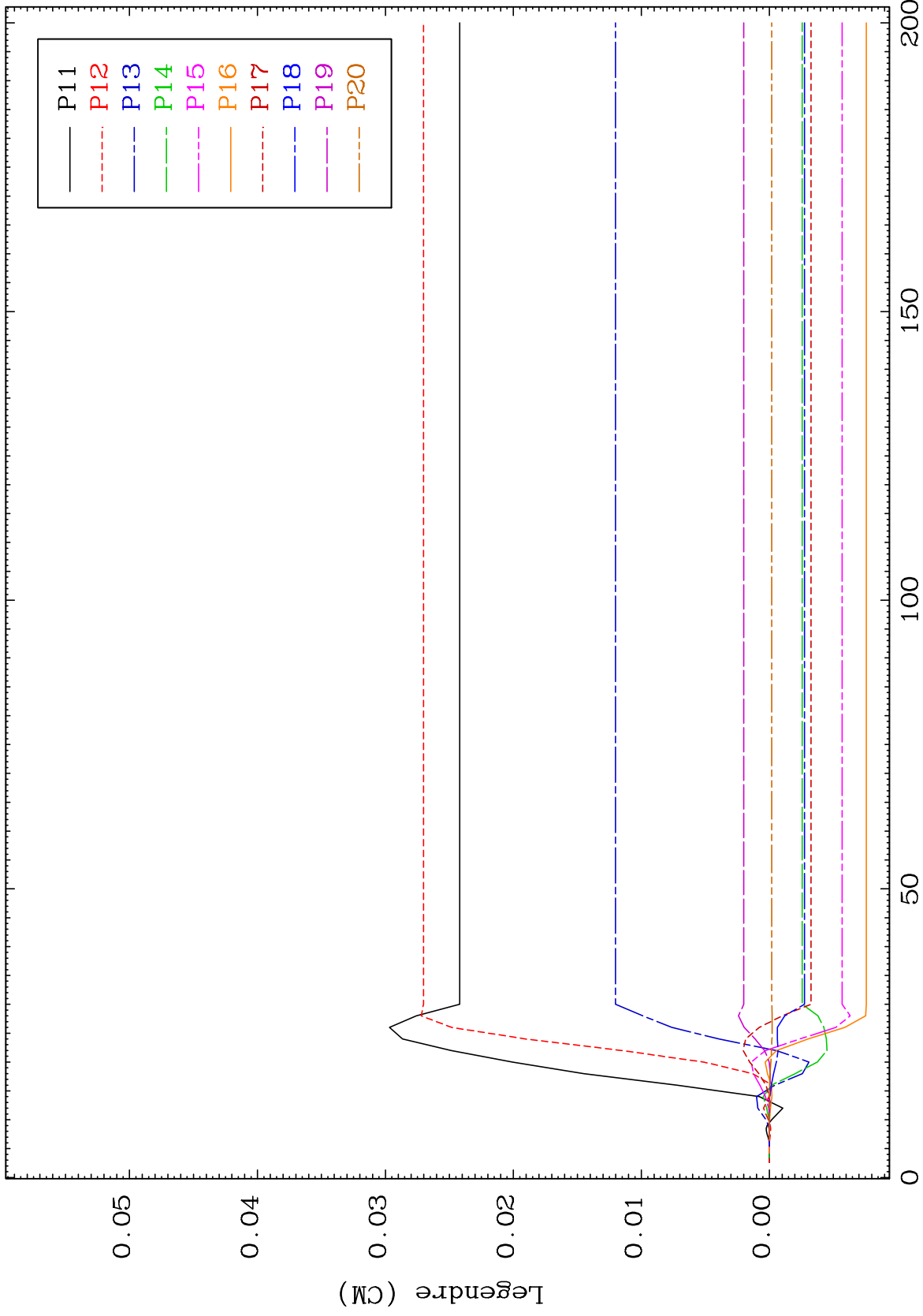
Incident Energy (MeV)

72

MAT 8222

1.084 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



73

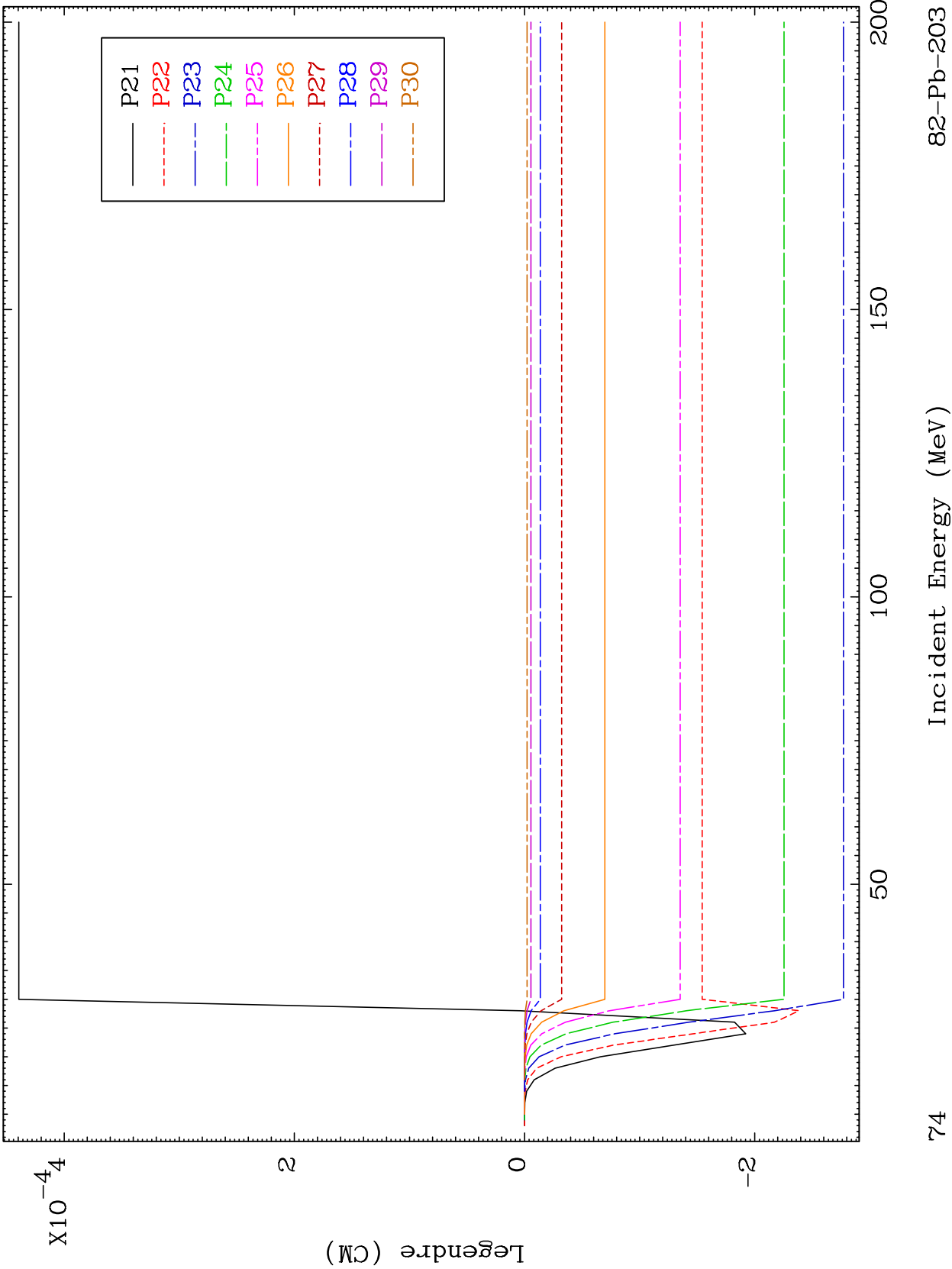
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.084 MeV (n,n') Level
Legendre Coefficients

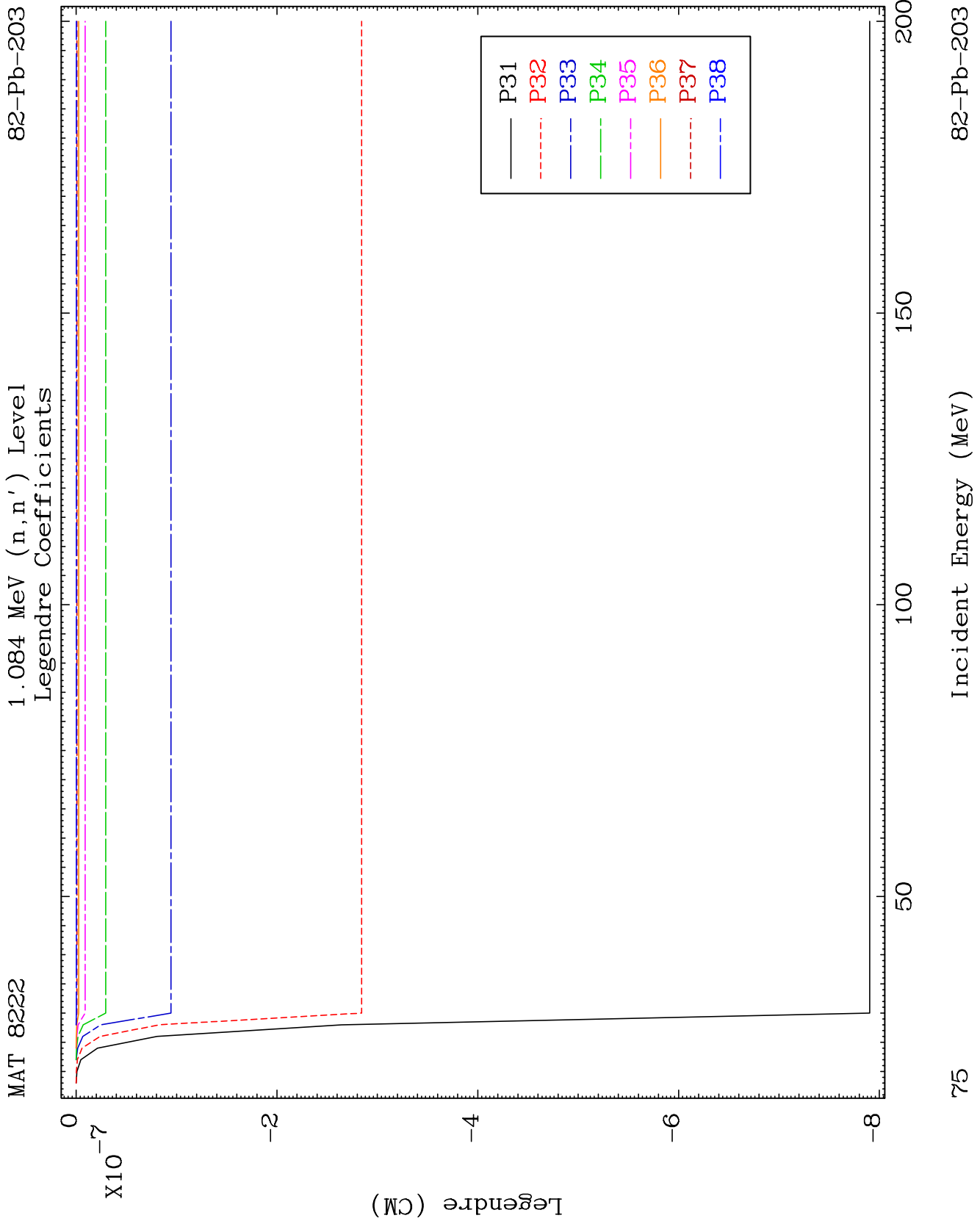
82-Pb-203



74

Incident Energy (MeV)

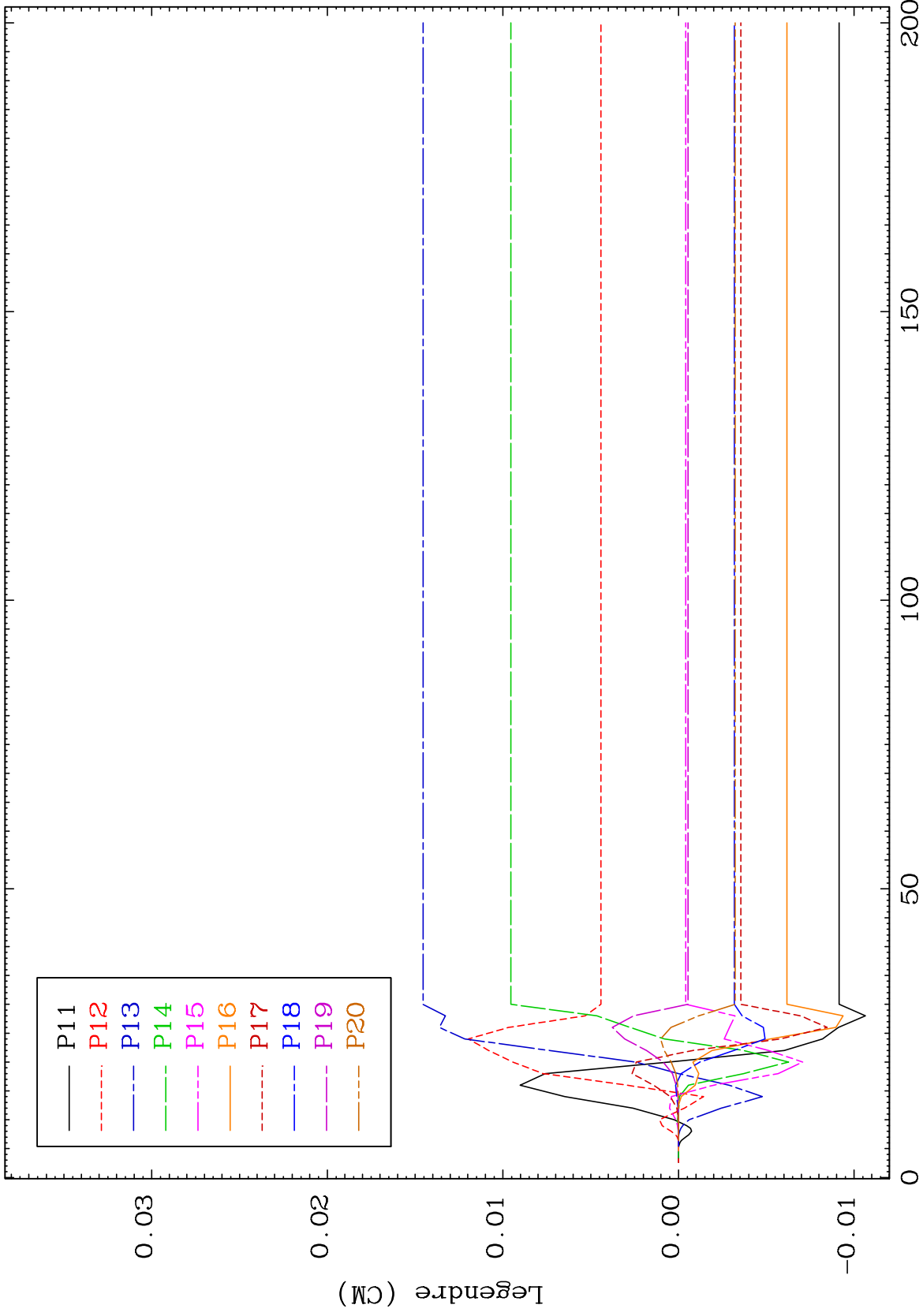
82-Pb-203



MAT 8222

1.161 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



77

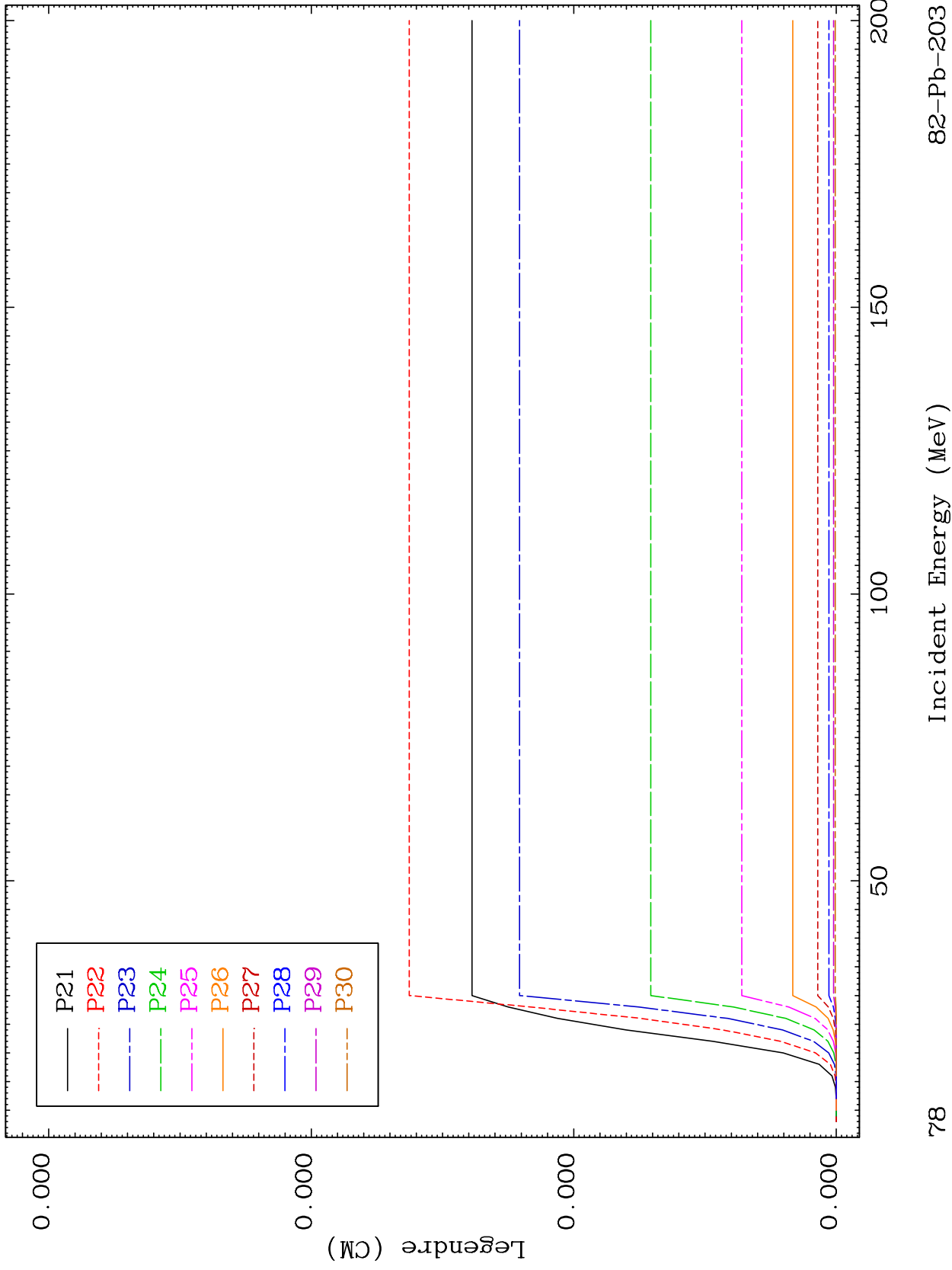
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.161 MeV (n,n') Level
Legendre Coefficients

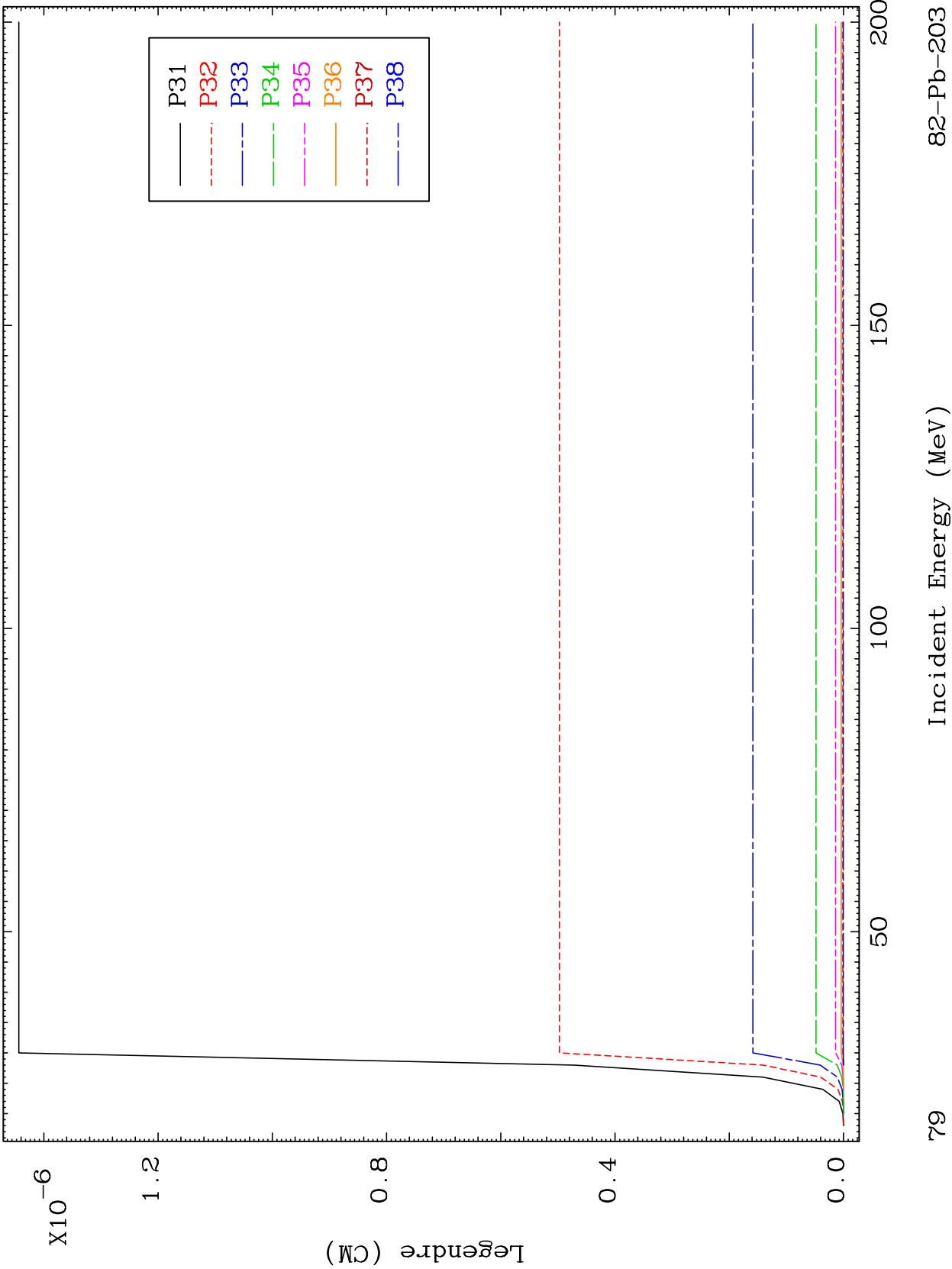
82-Pb-203

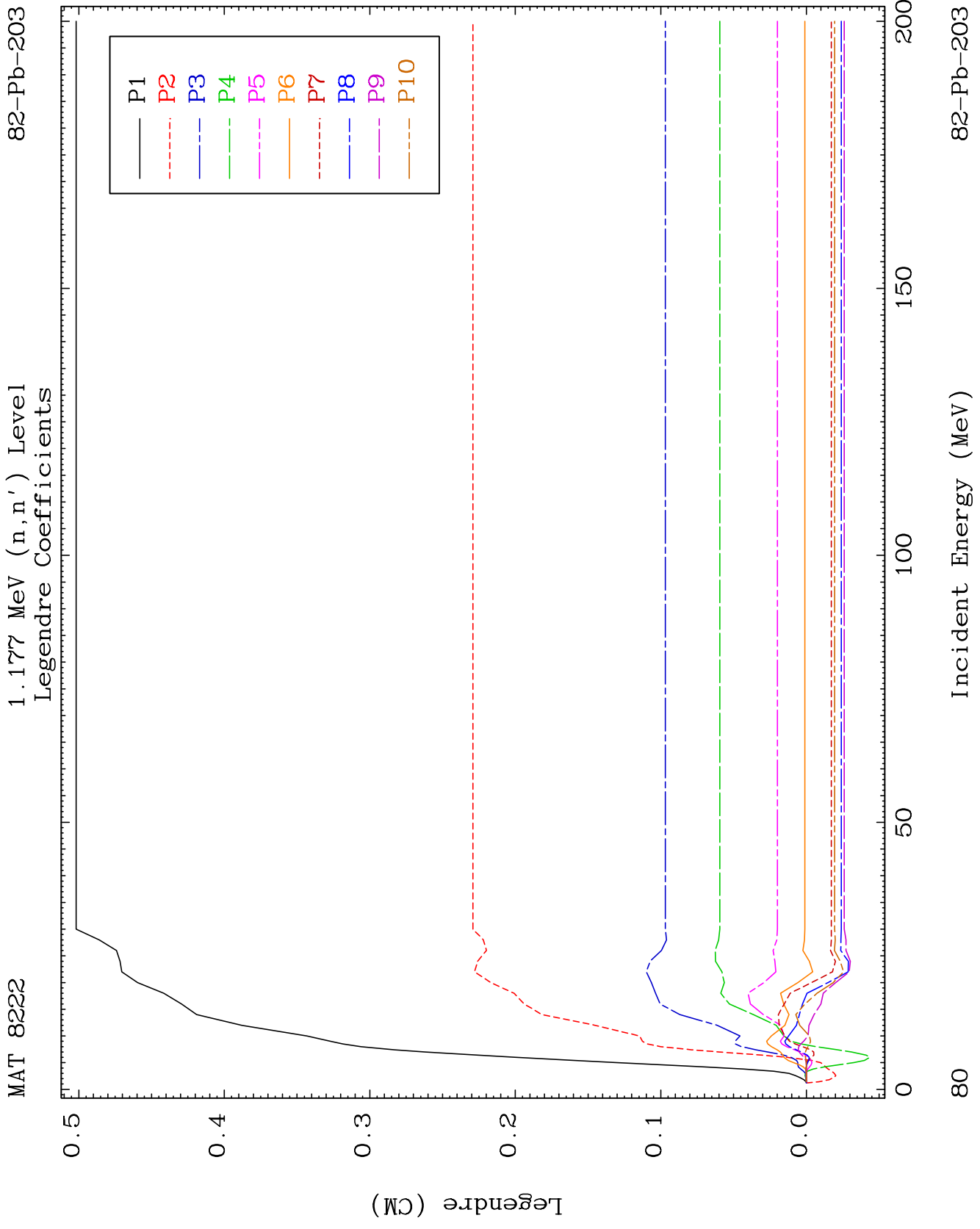


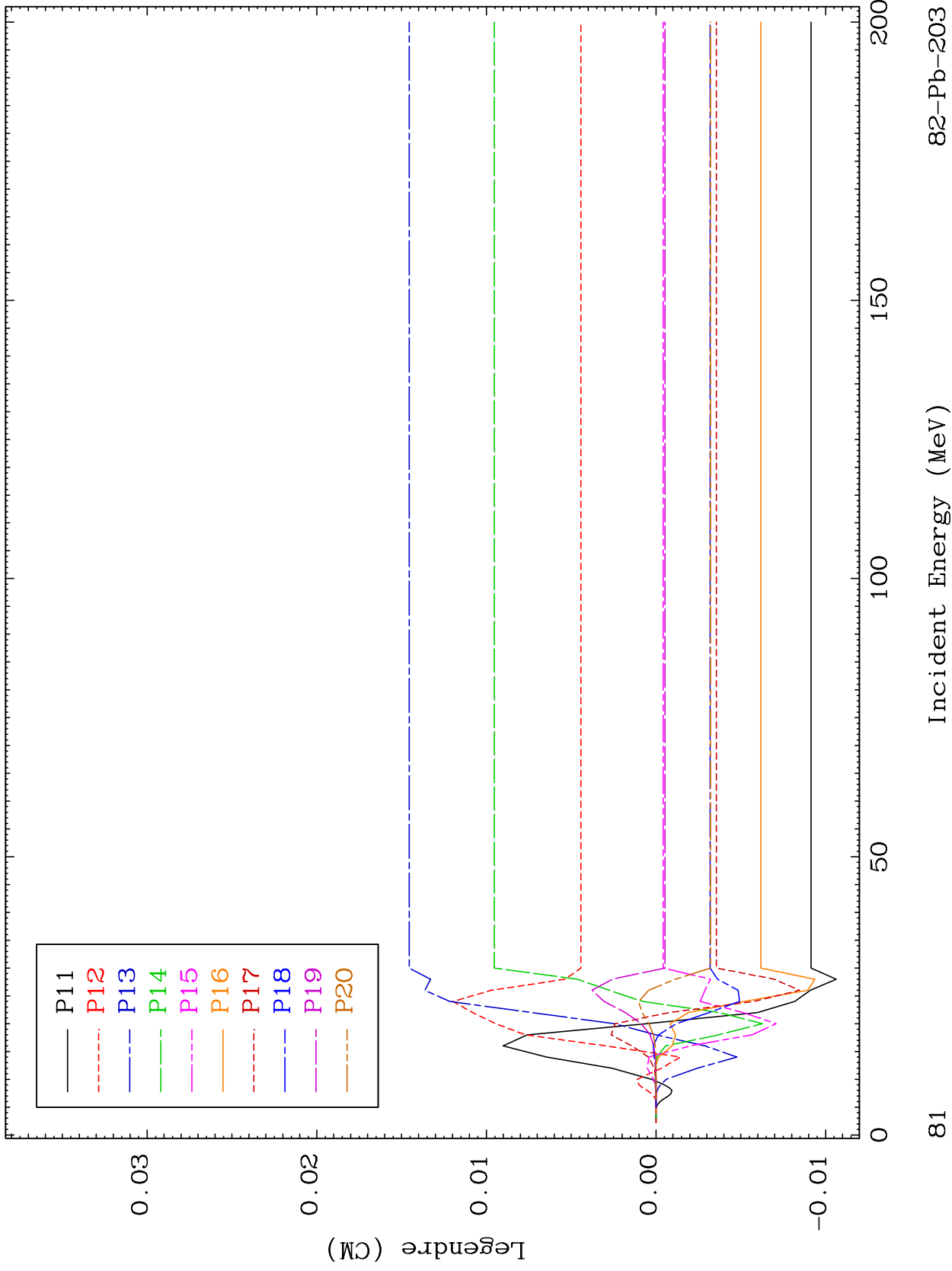
78

Incident Energy (MeV)

82-Pb-203



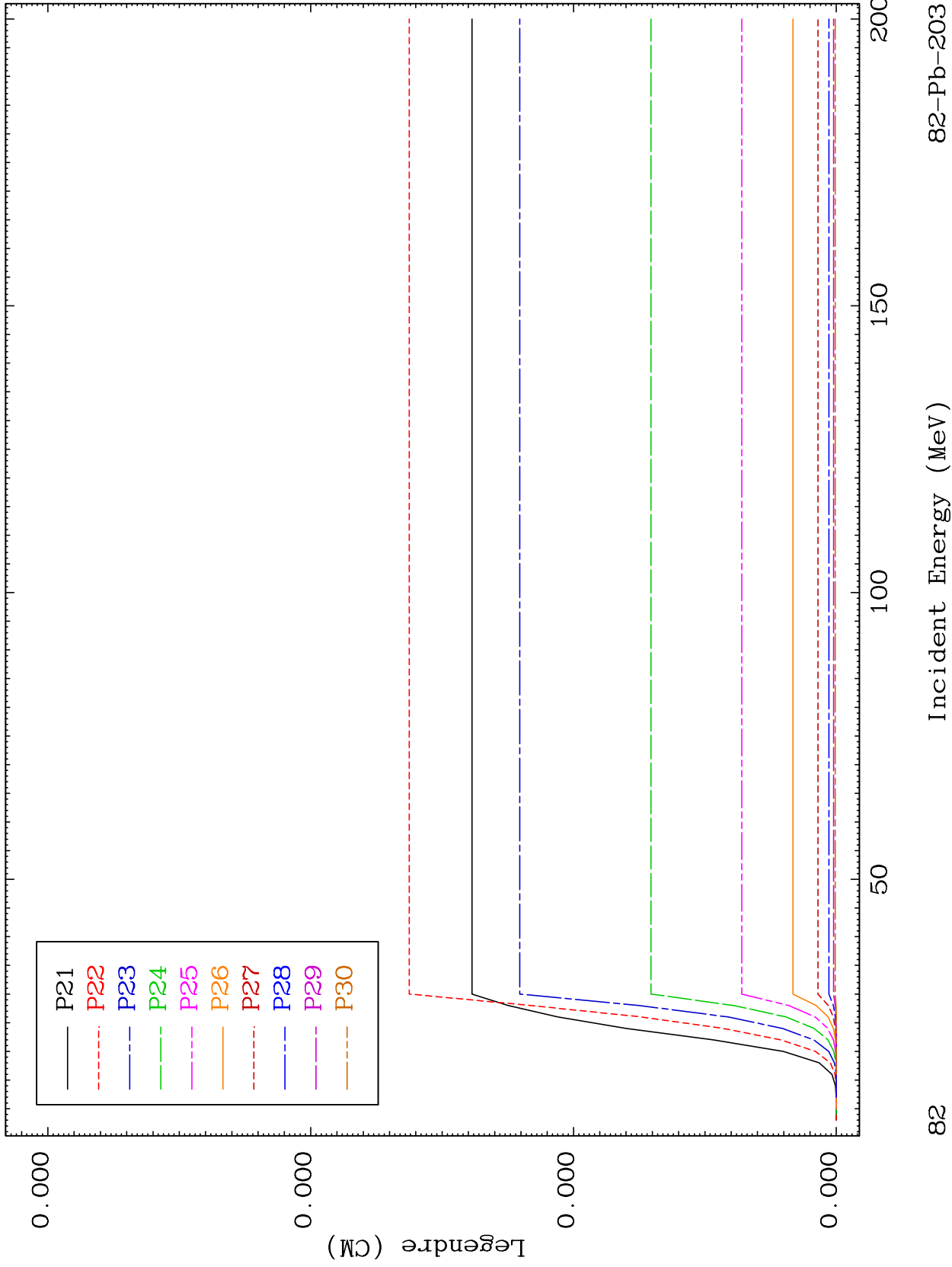




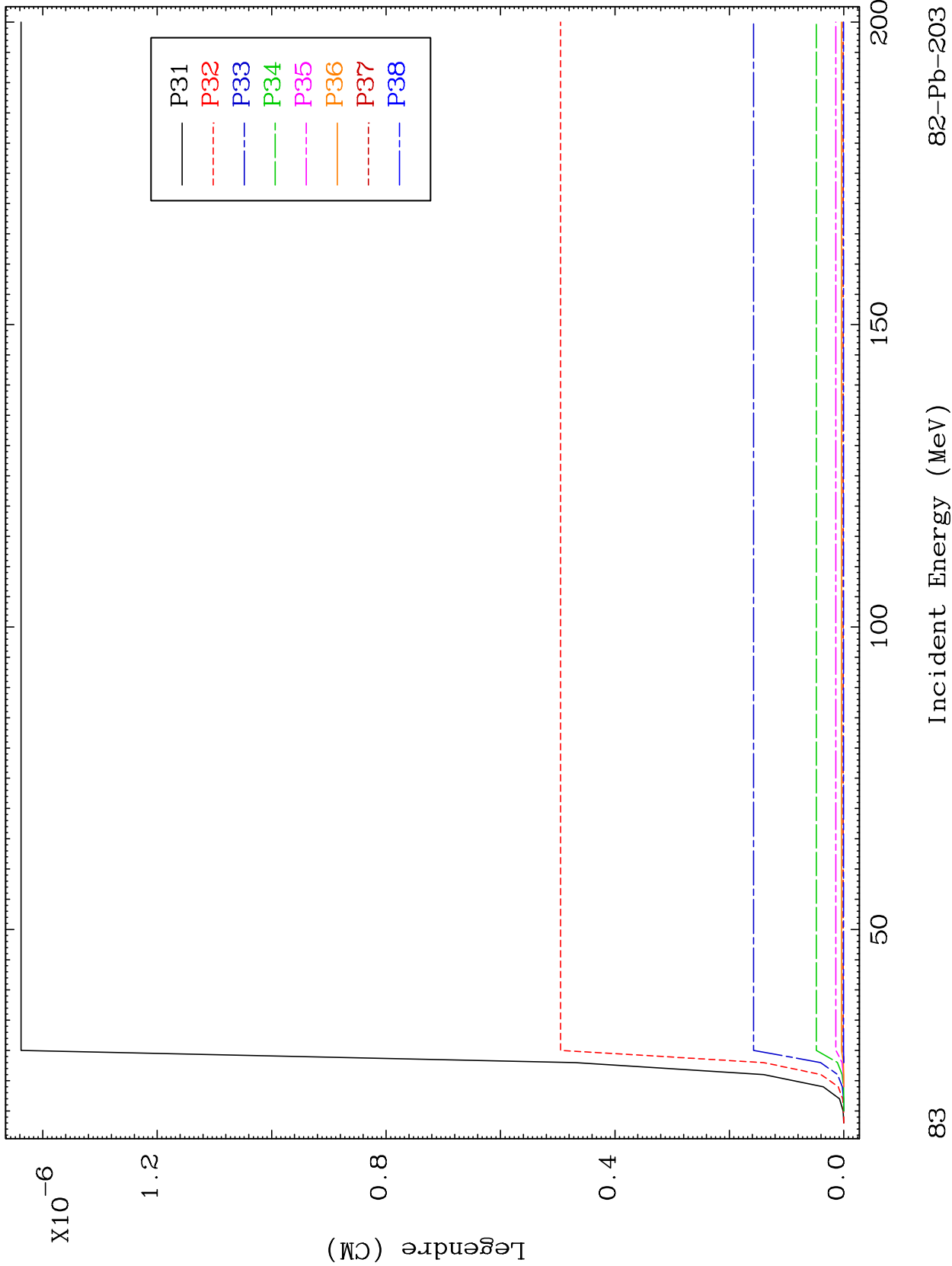
MAT 8222

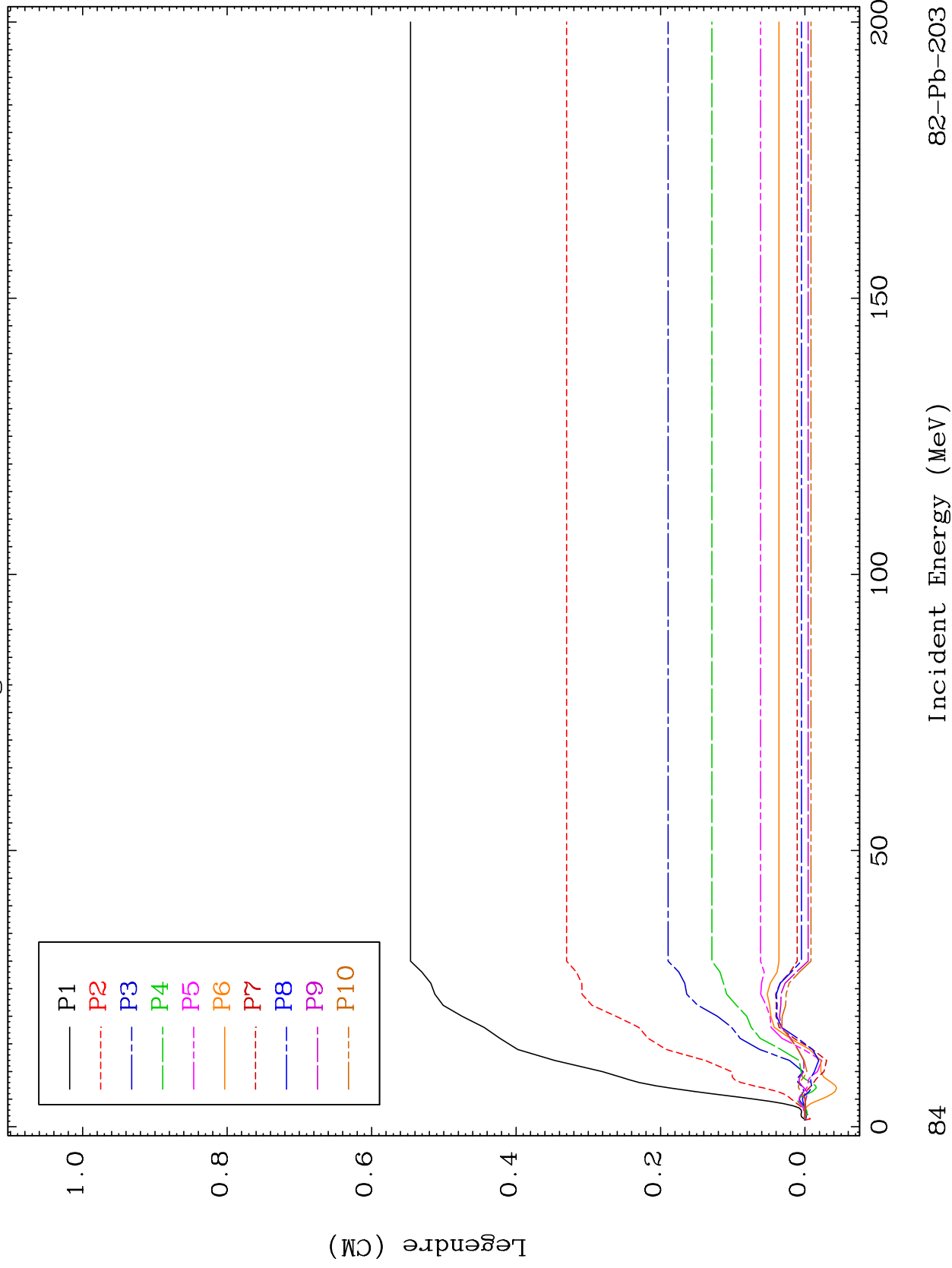
1.177 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



82

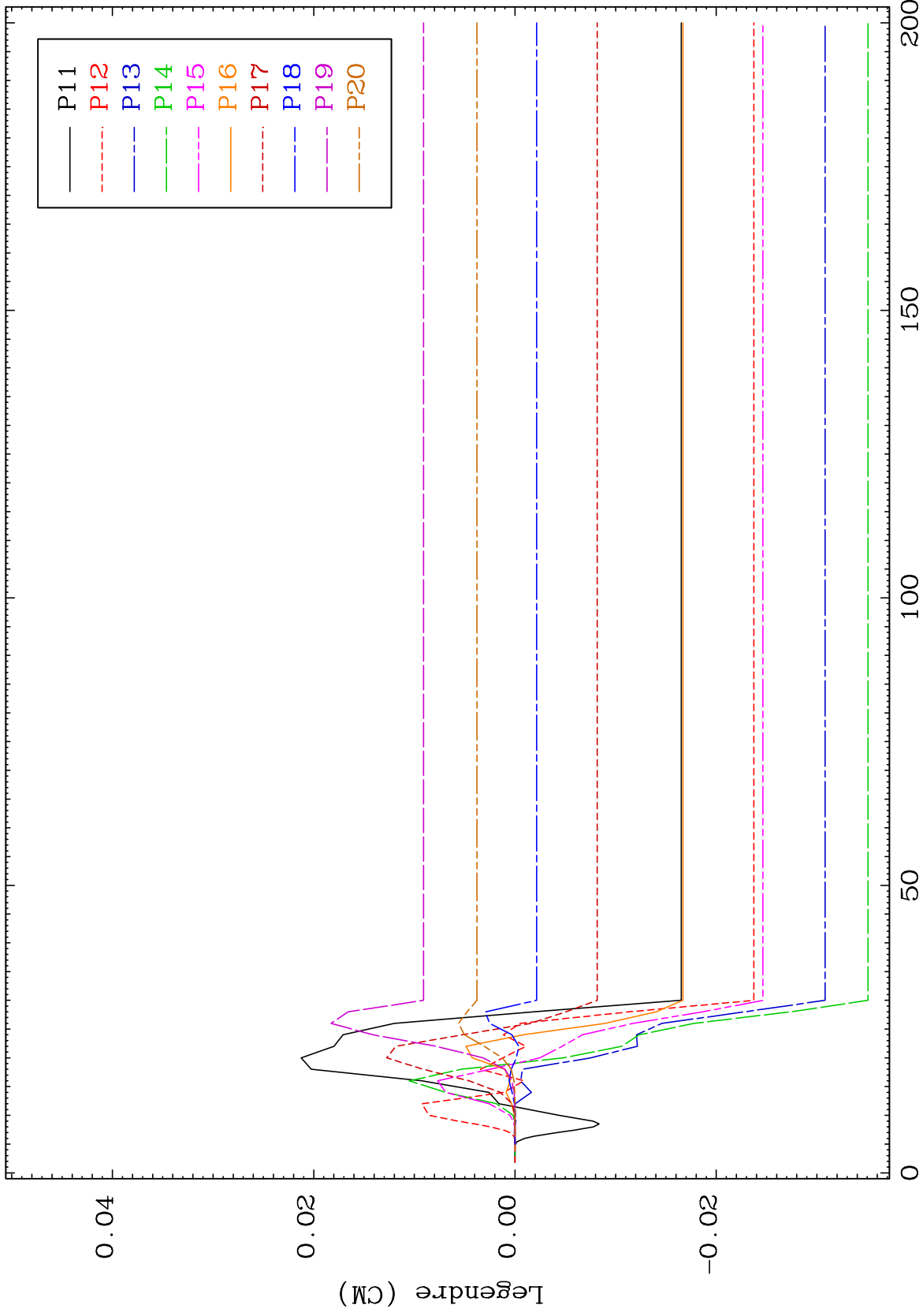




MAT 8222

1.199 MeV (n,n') Level
Legendre Coefficients

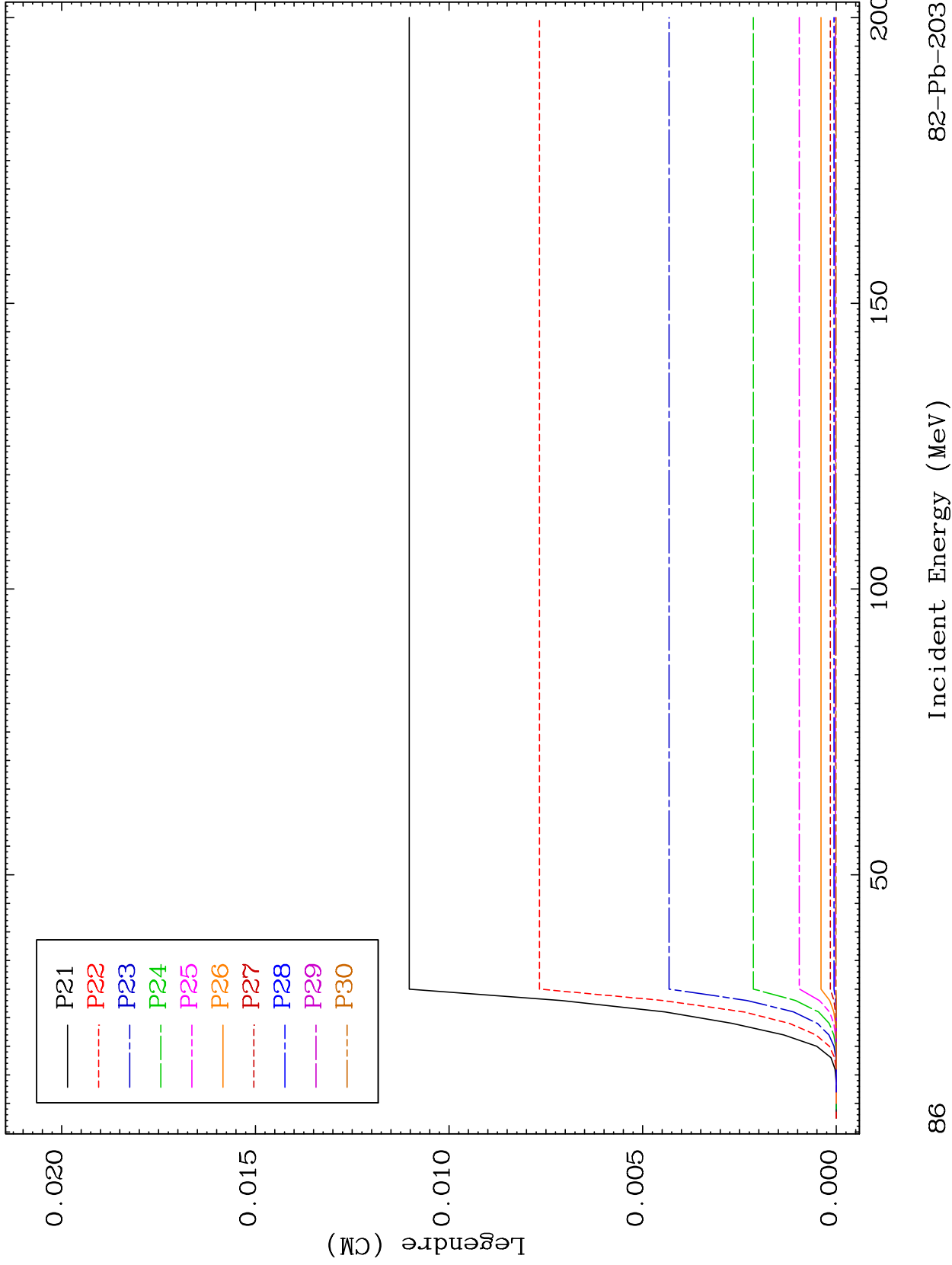
82-Pb-203



85

Incident Energy (MeV)

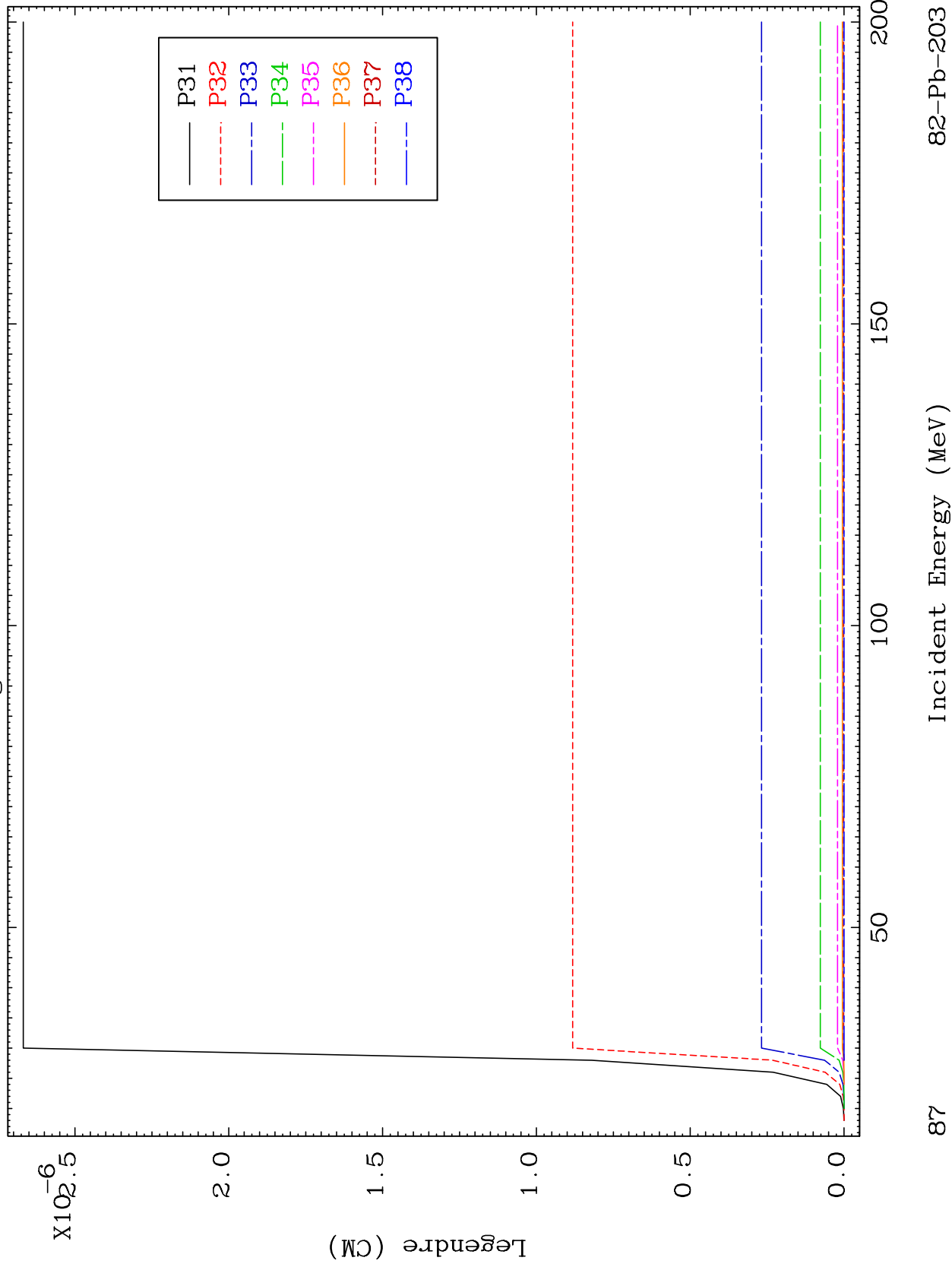
82-Pb-203

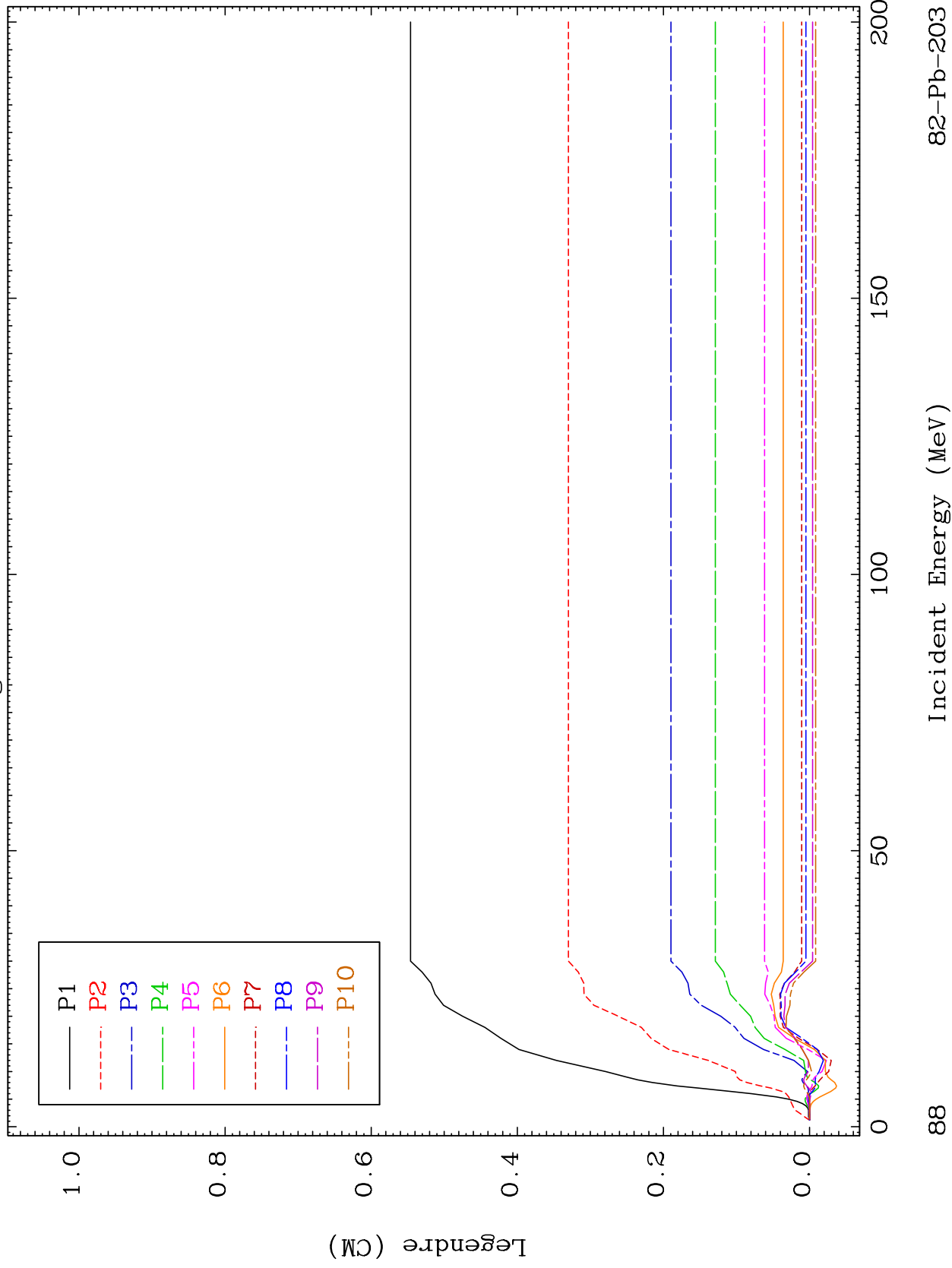


MAT 8222

1.199 MeV (n,n') Level
Legendre Coefficients

82-Pb-203

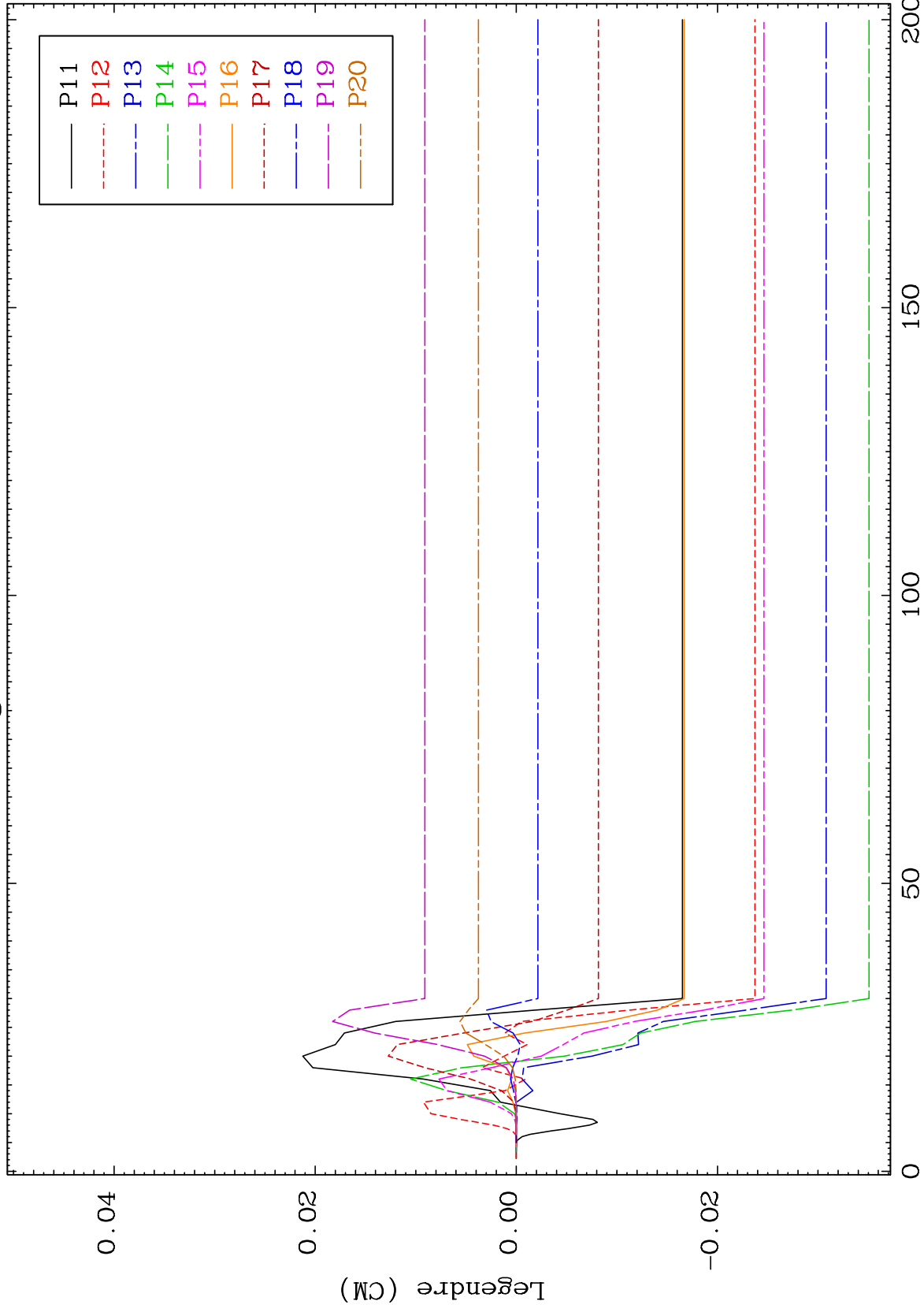




MAT 8222

1.203 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



89

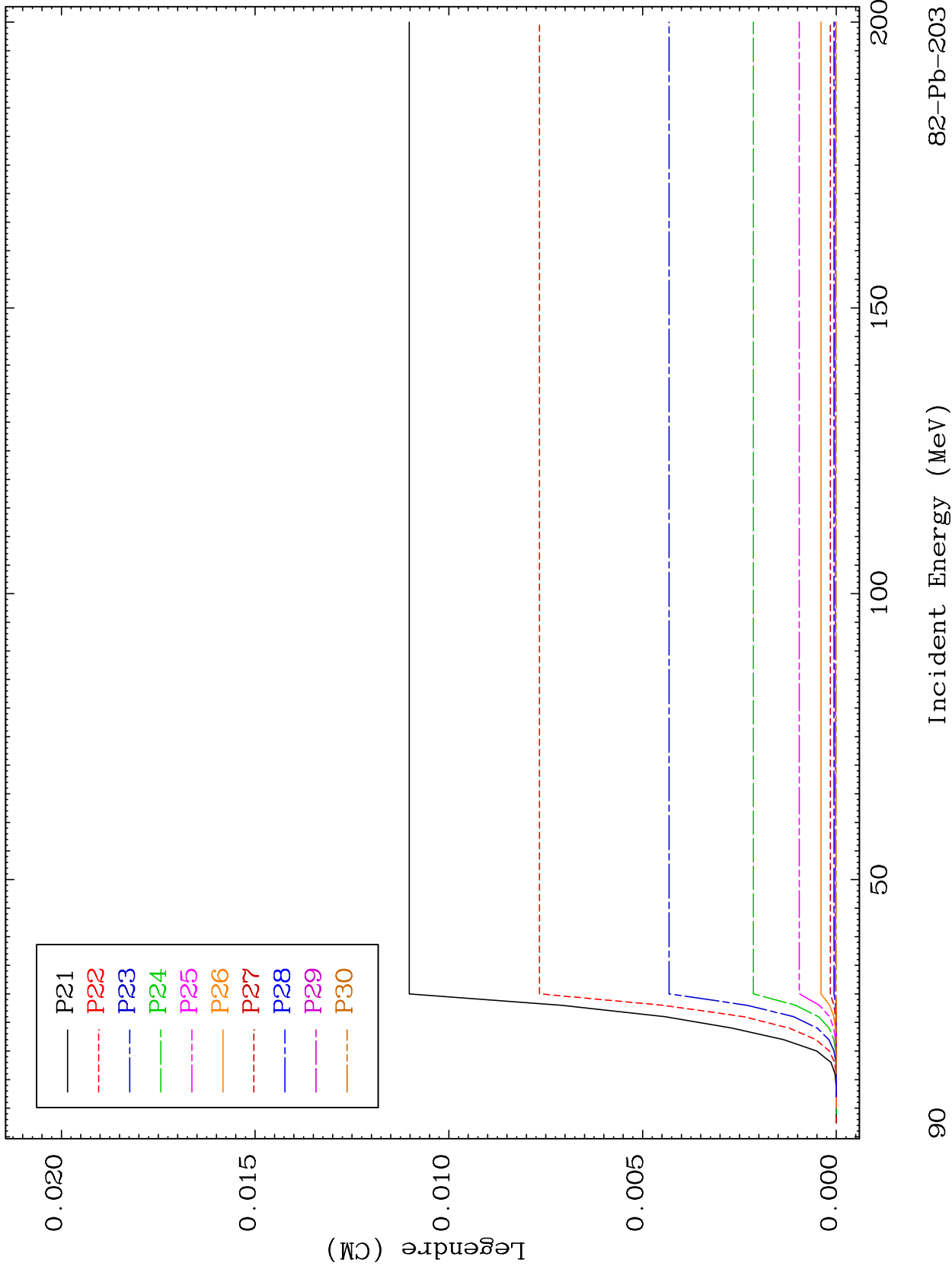
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.203 MeV (n,n') Level Legendre Coefficients

82-Pb-203



90

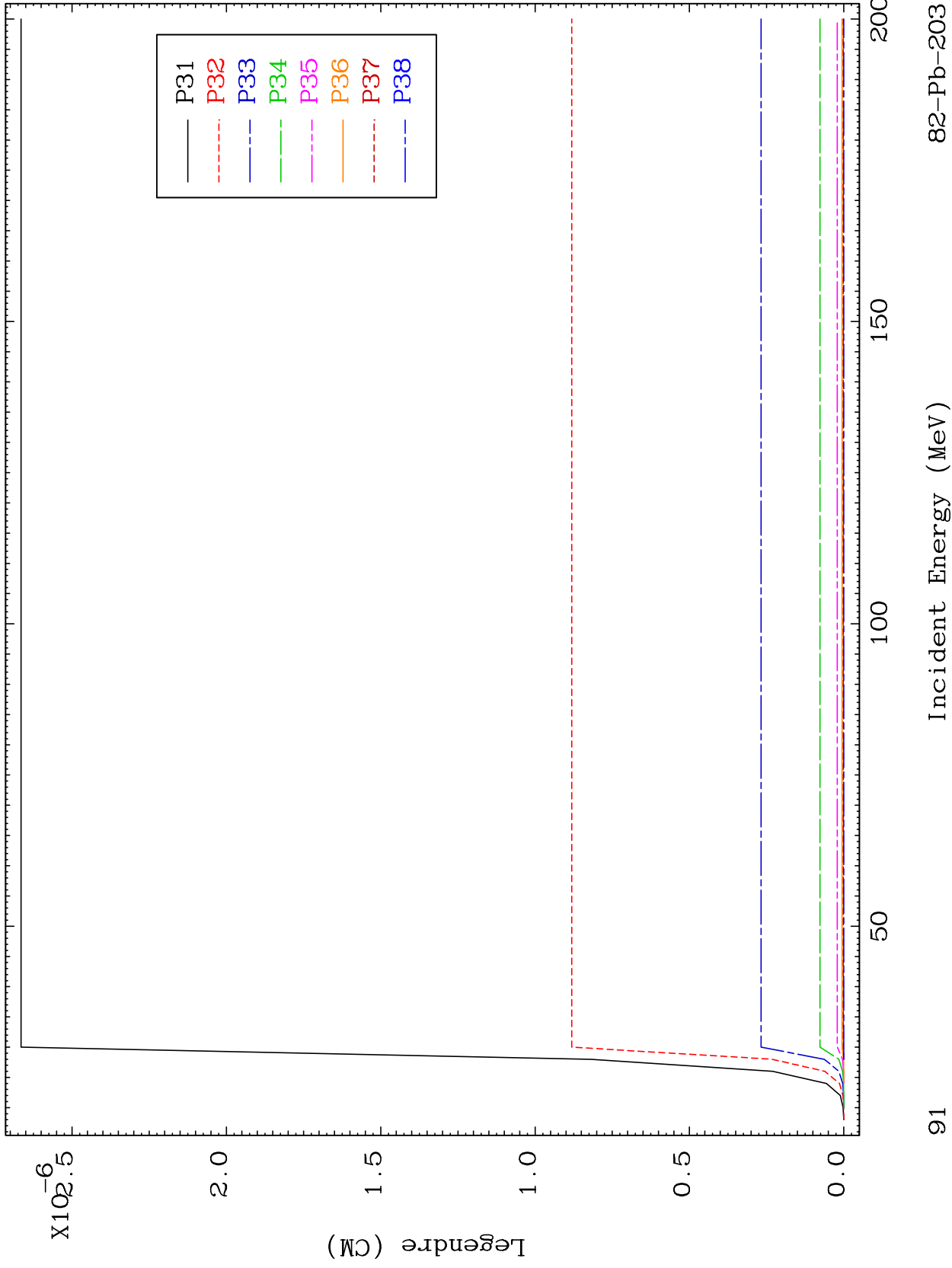
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.203 MeV (n, n') Level
Legendre Coefficients

82-Pb-203



91

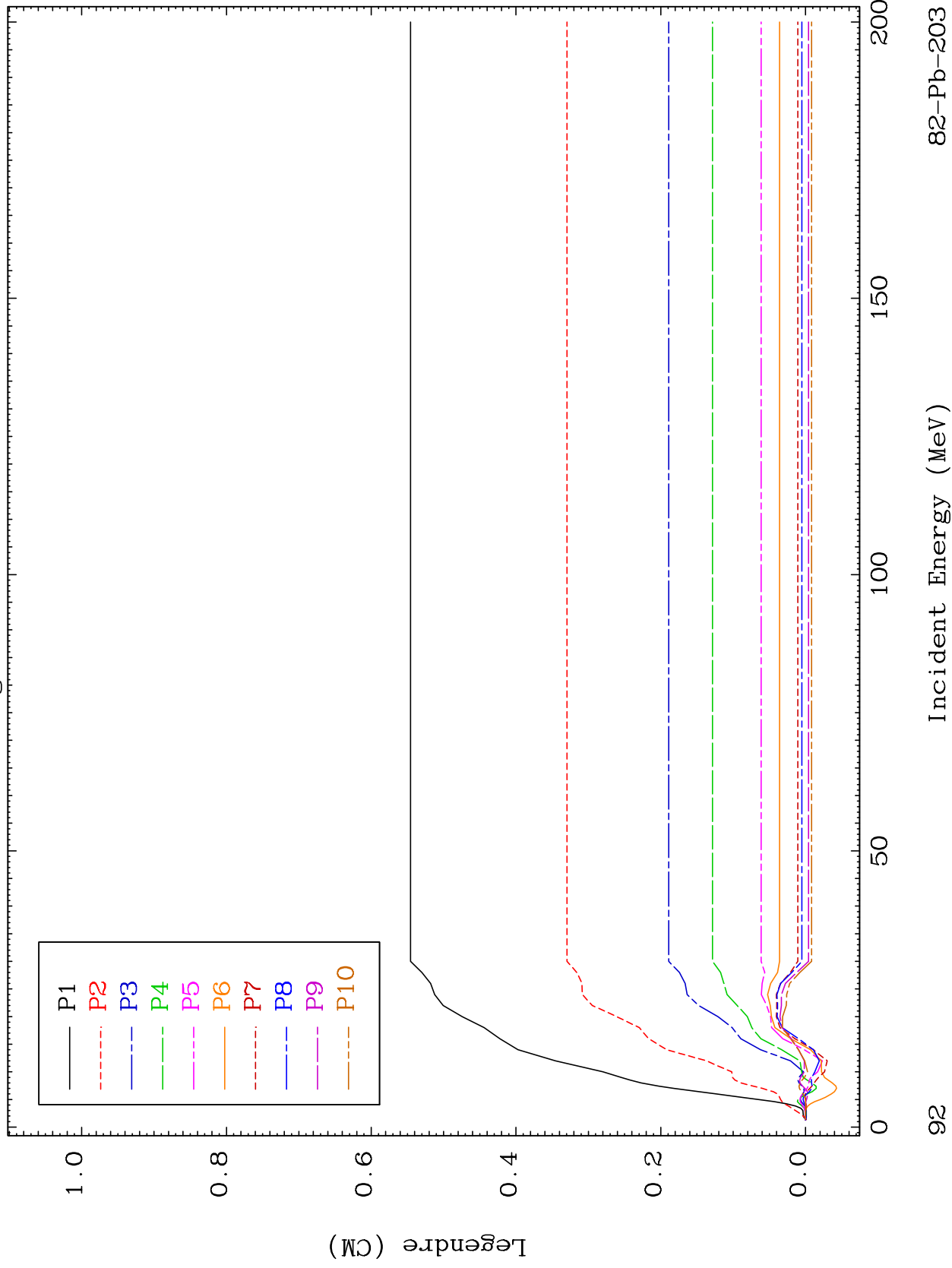
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.262 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



92

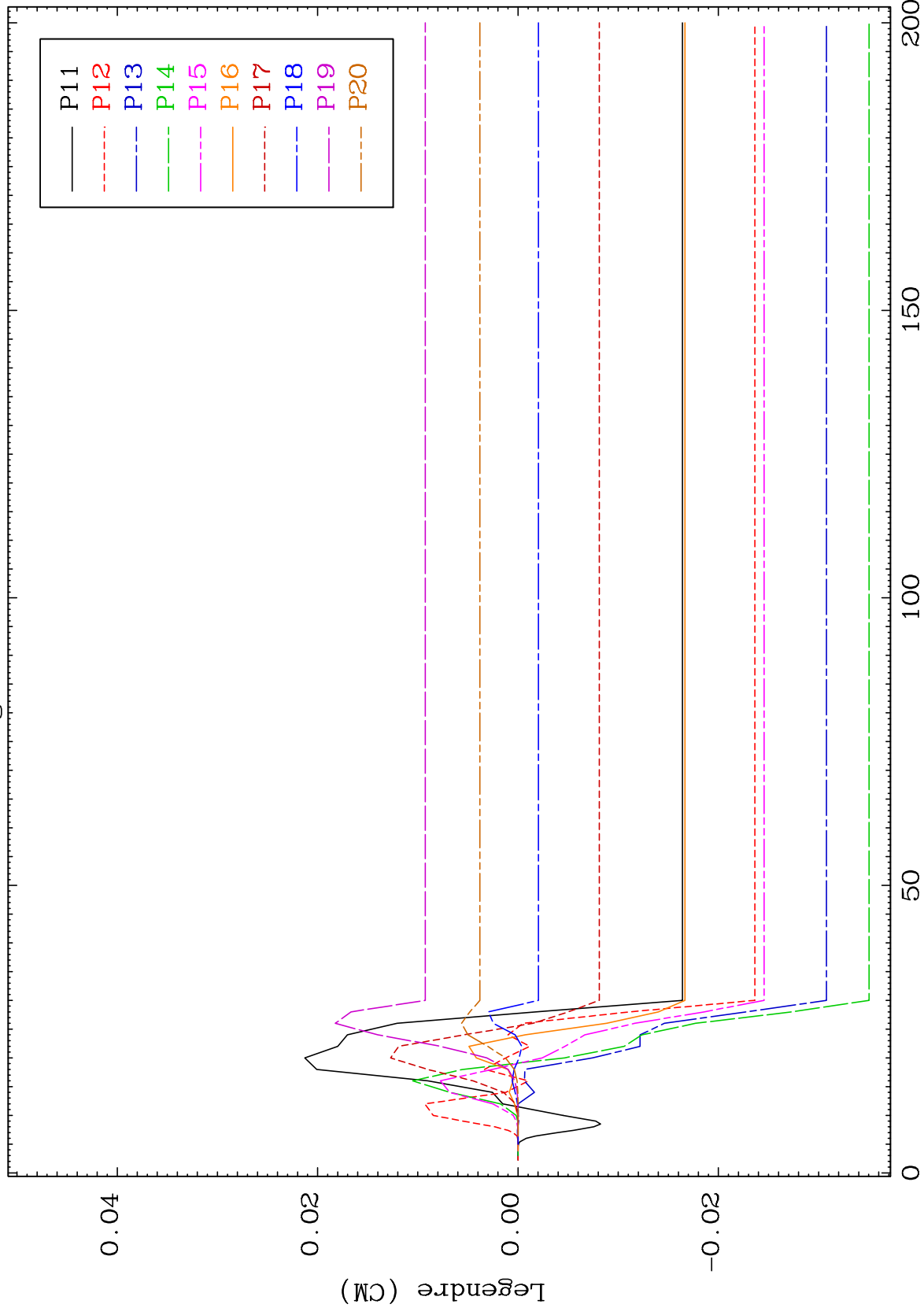
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.262 MeV (n,n') Level
Legendre Coefficients

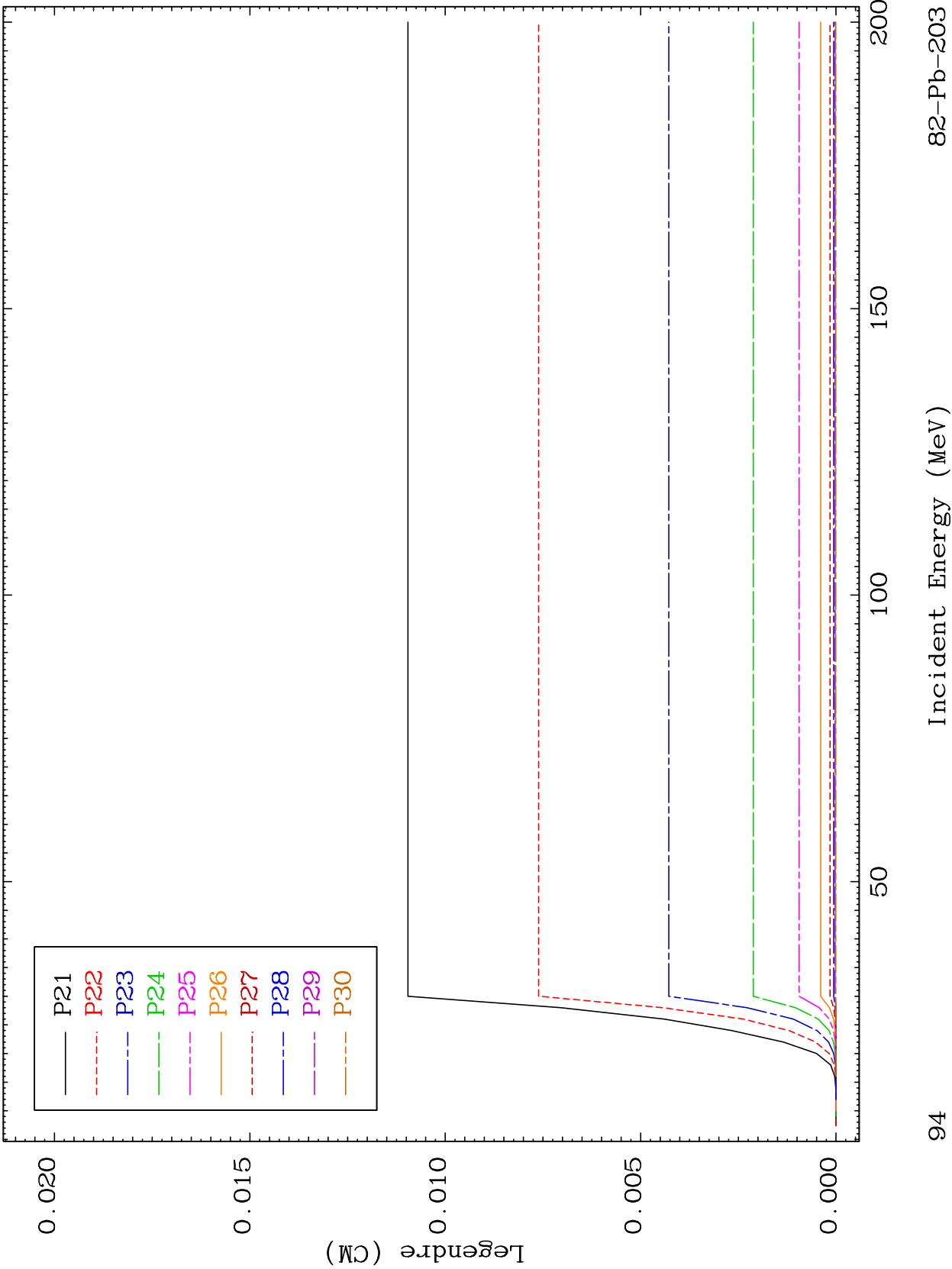
82-Pb-203

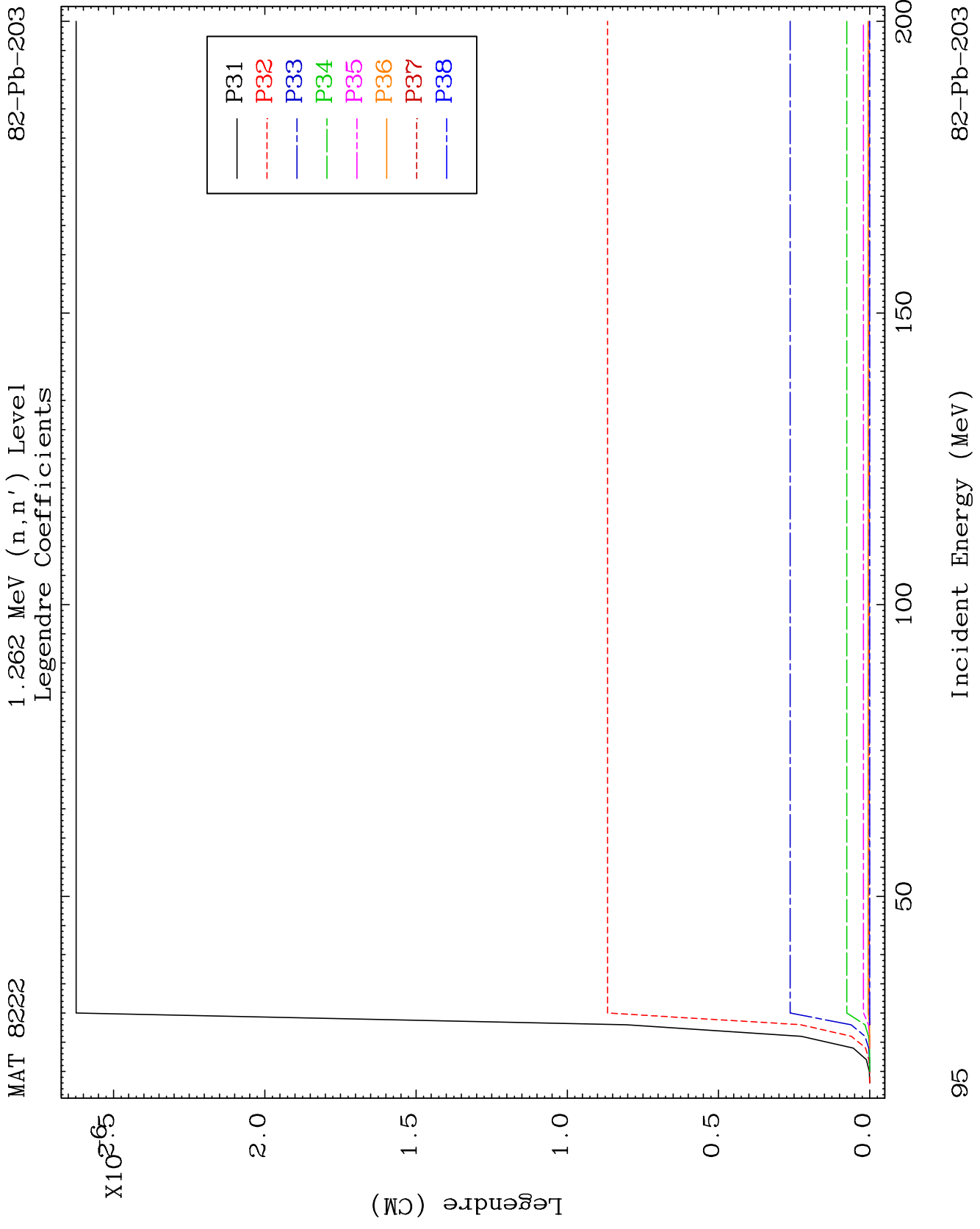


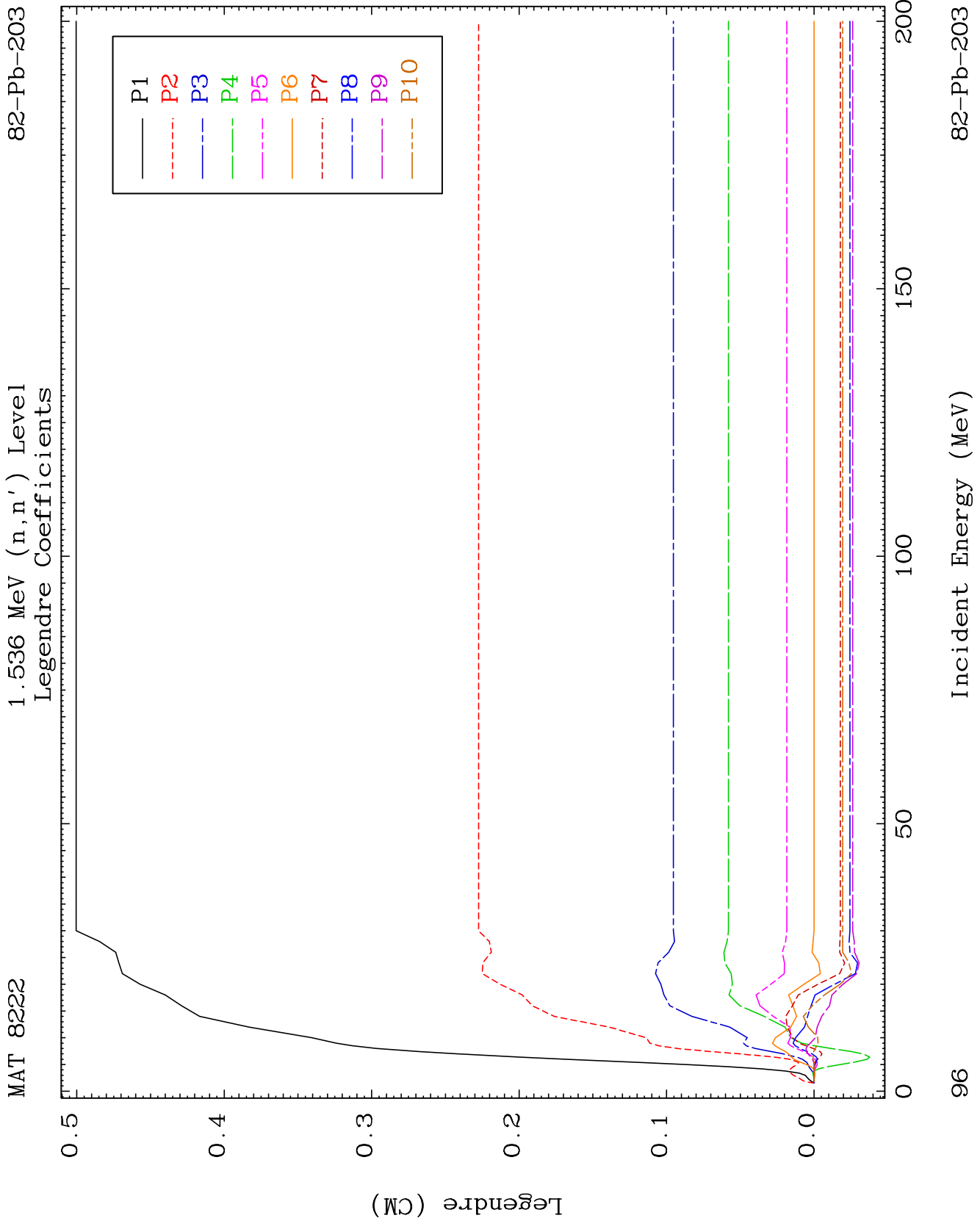
93

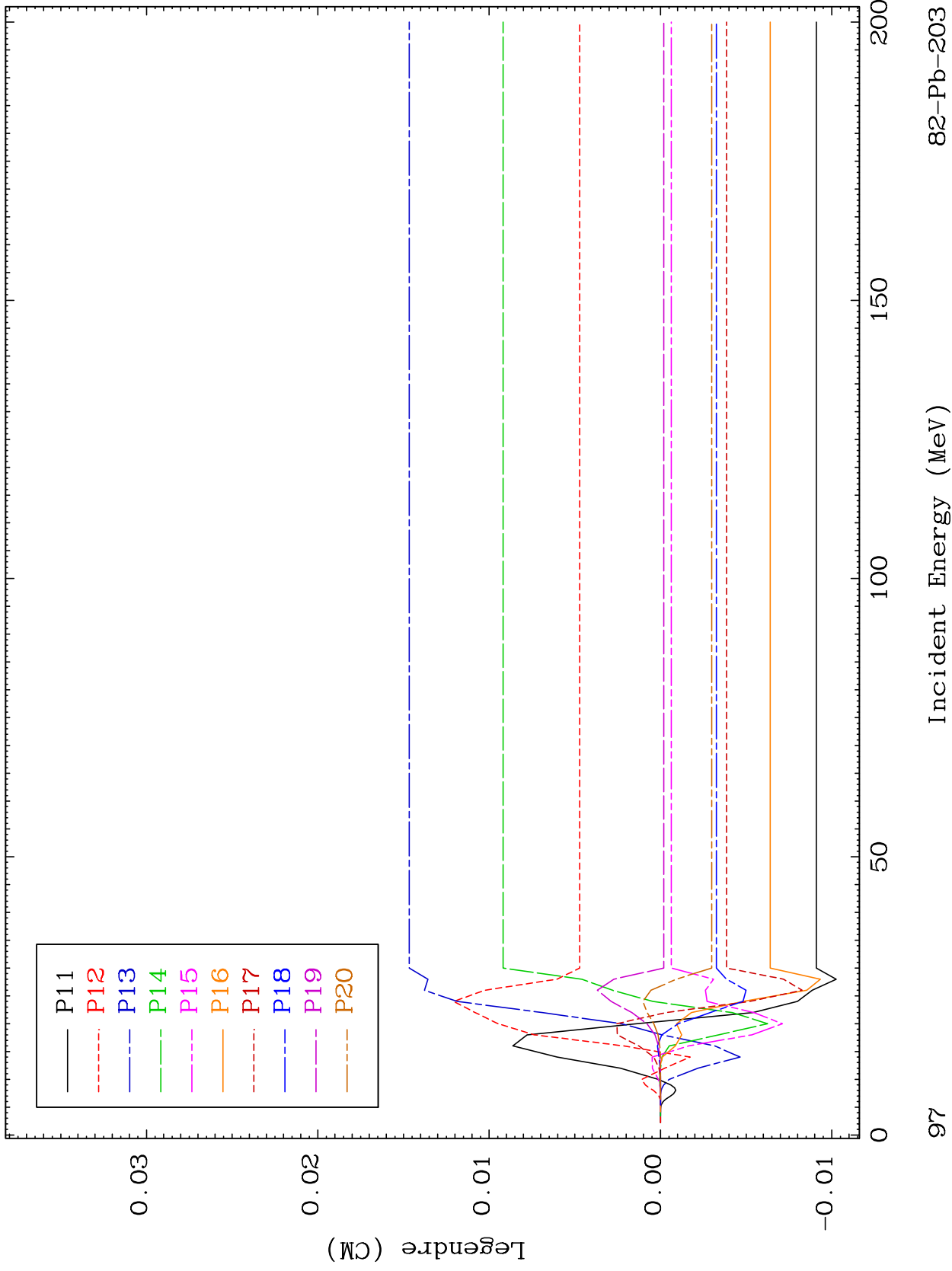
Incident Energy (MeV)

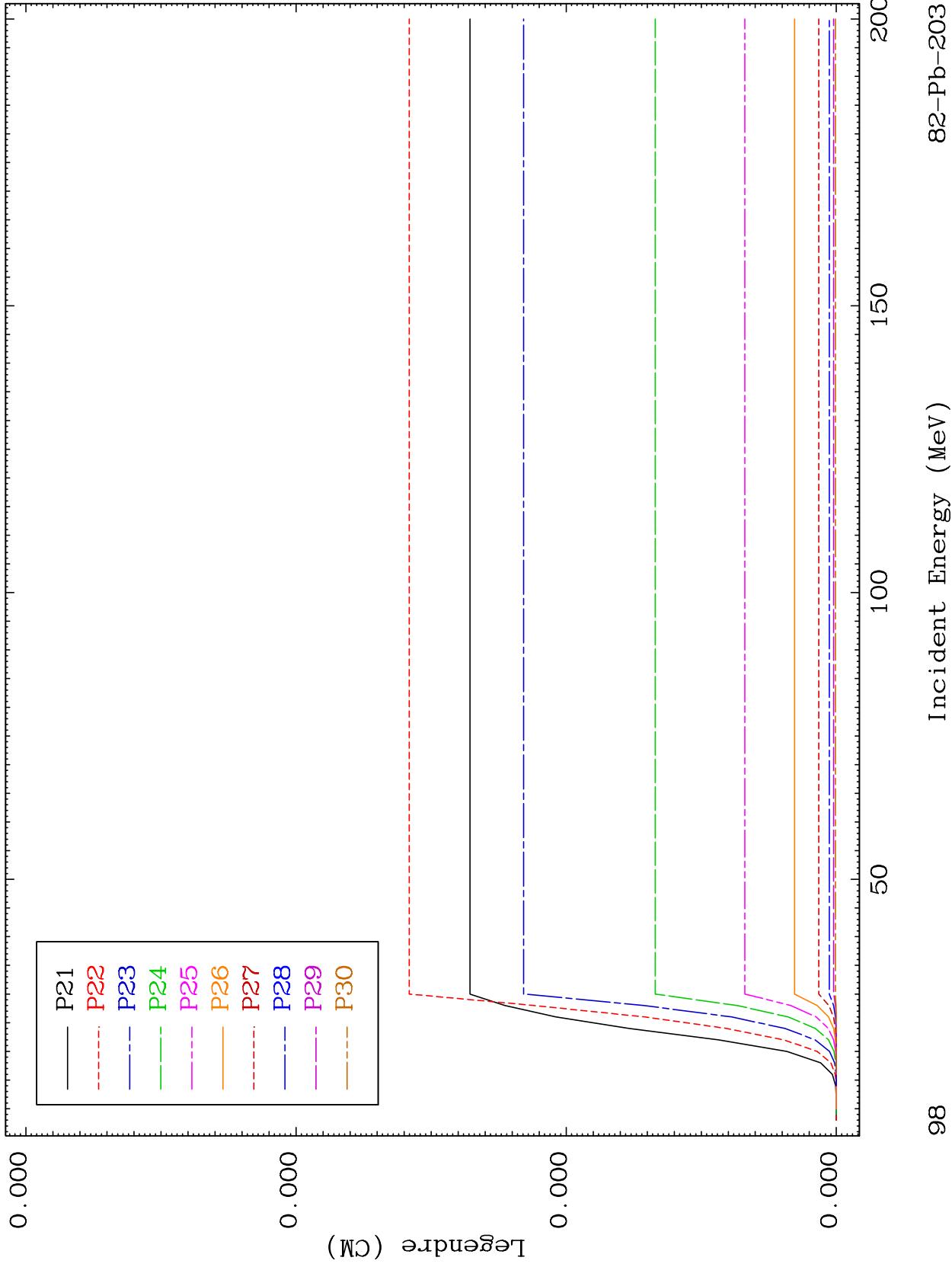
82-Pb-203

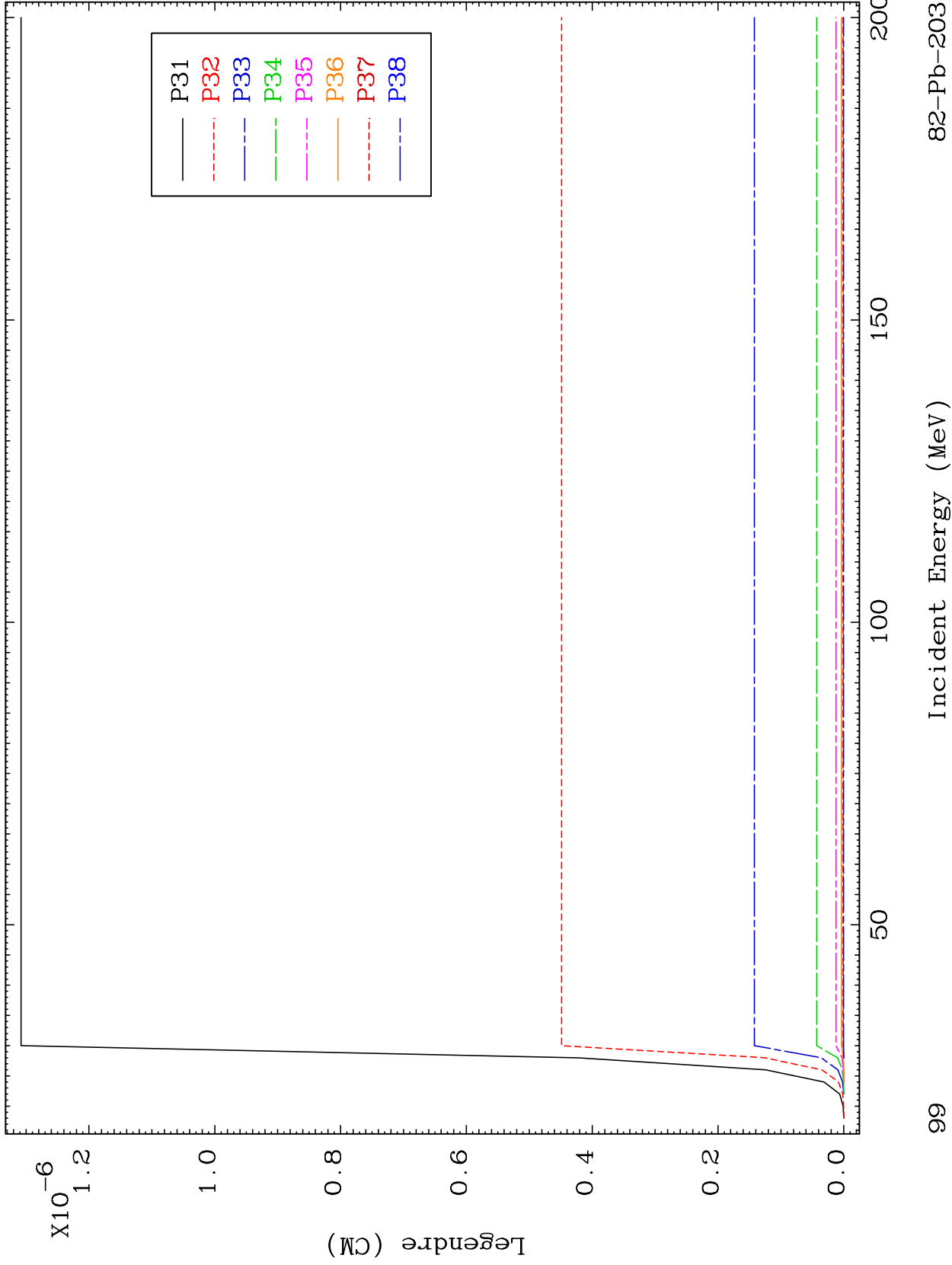


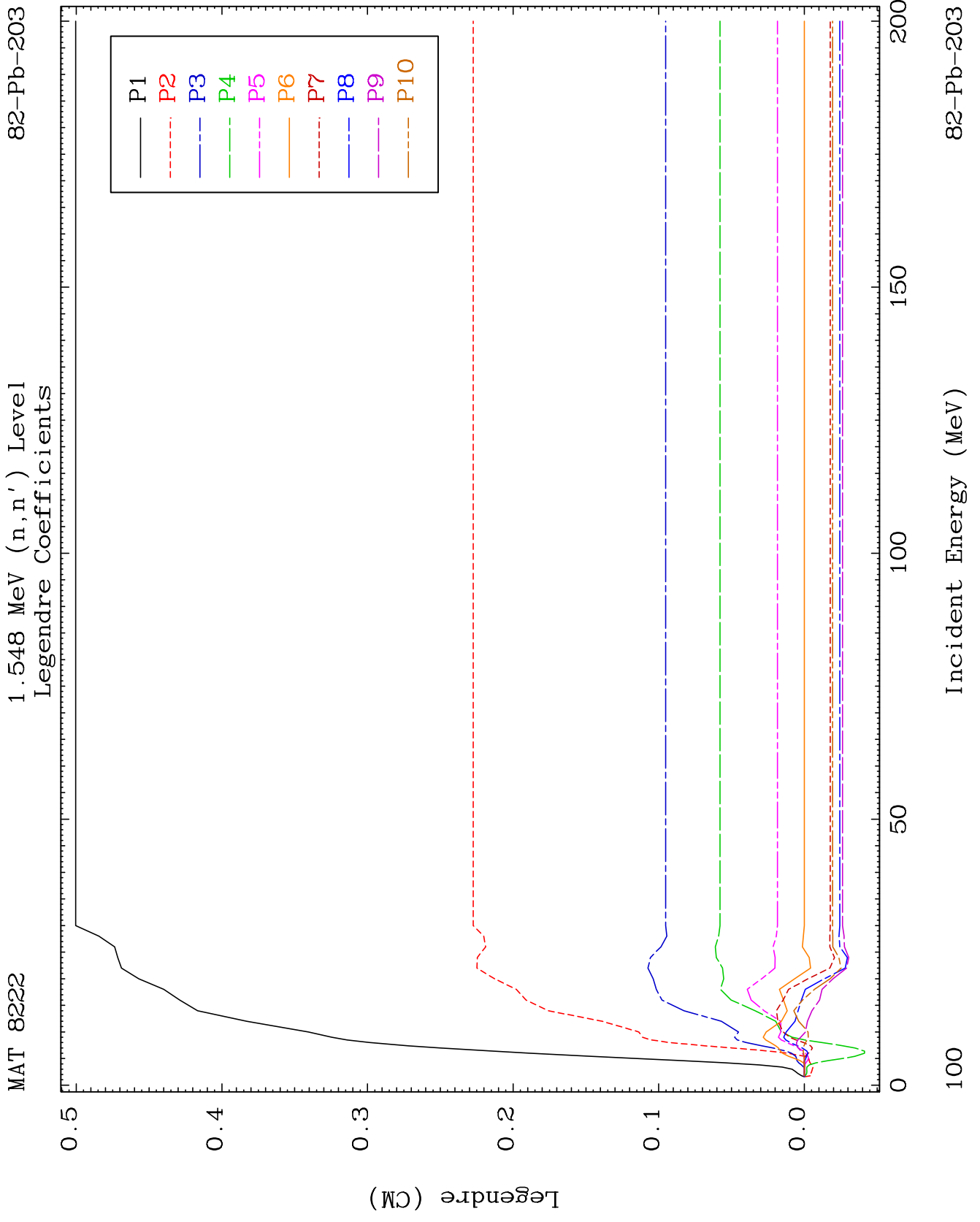








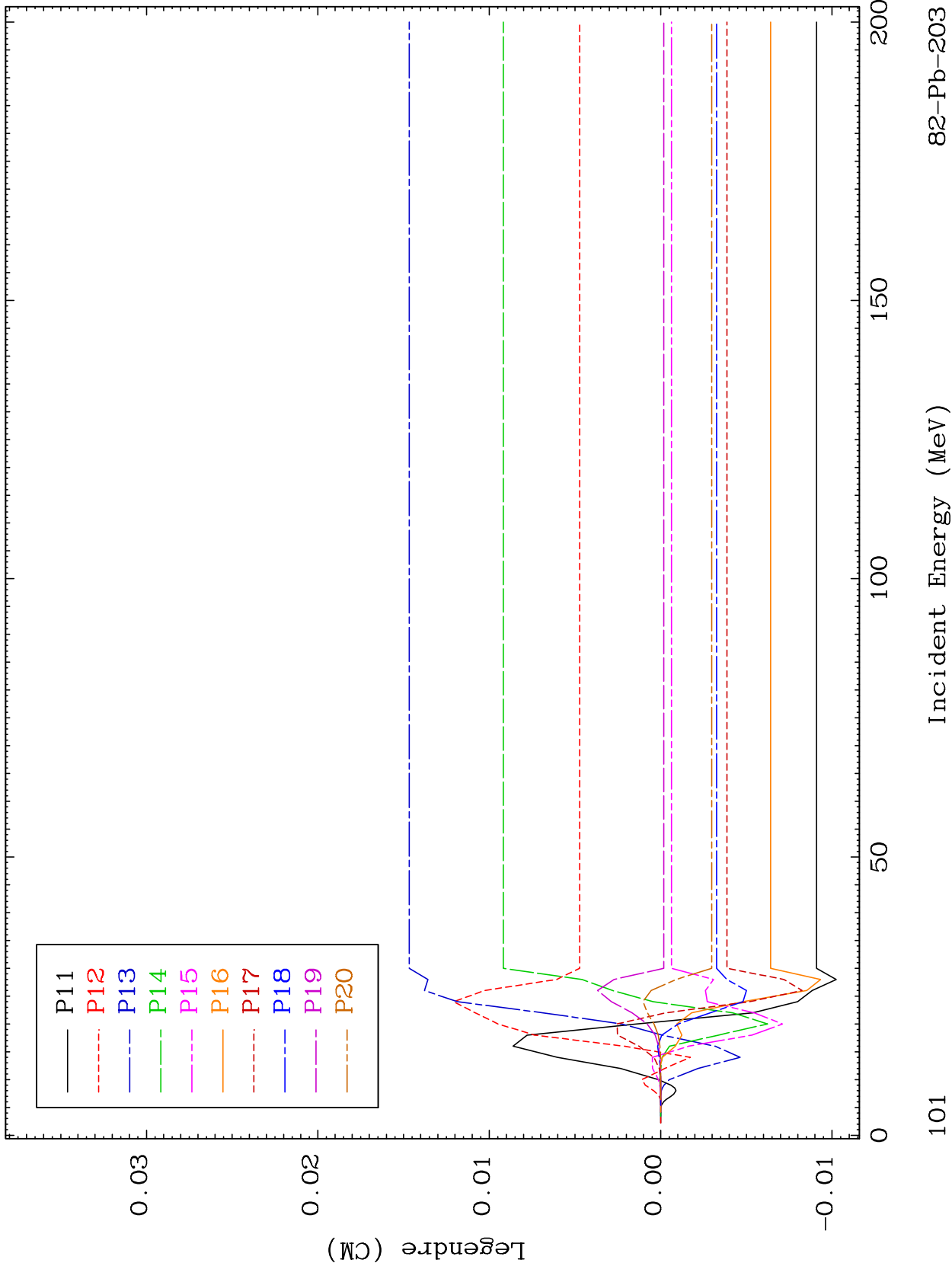




MAT 8222

1.548 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



101

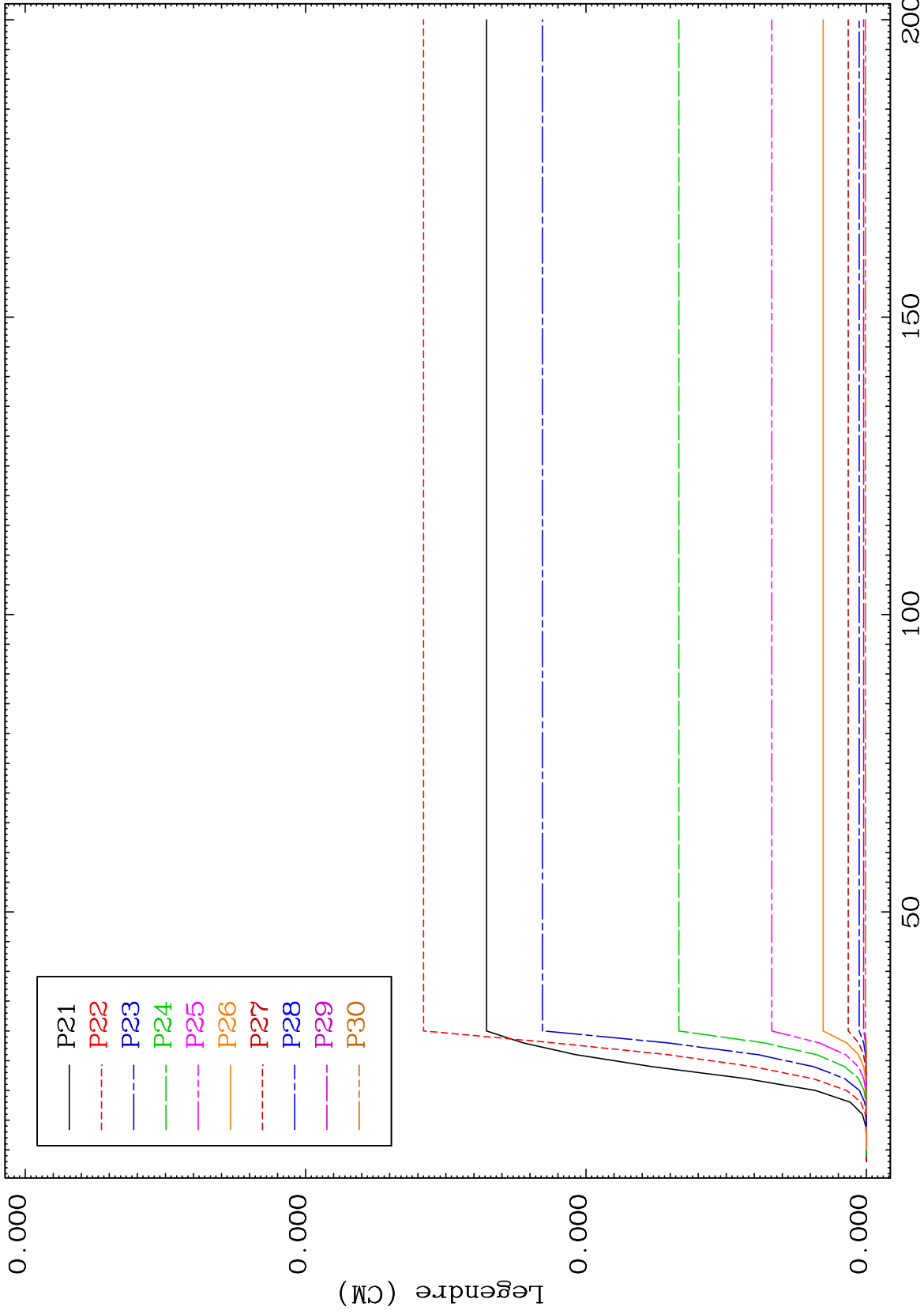
Incident Energy (MeV)

82-Pb-203

MAT 82222

1.548 MeV (n,n') Level
Legendre Coefficients

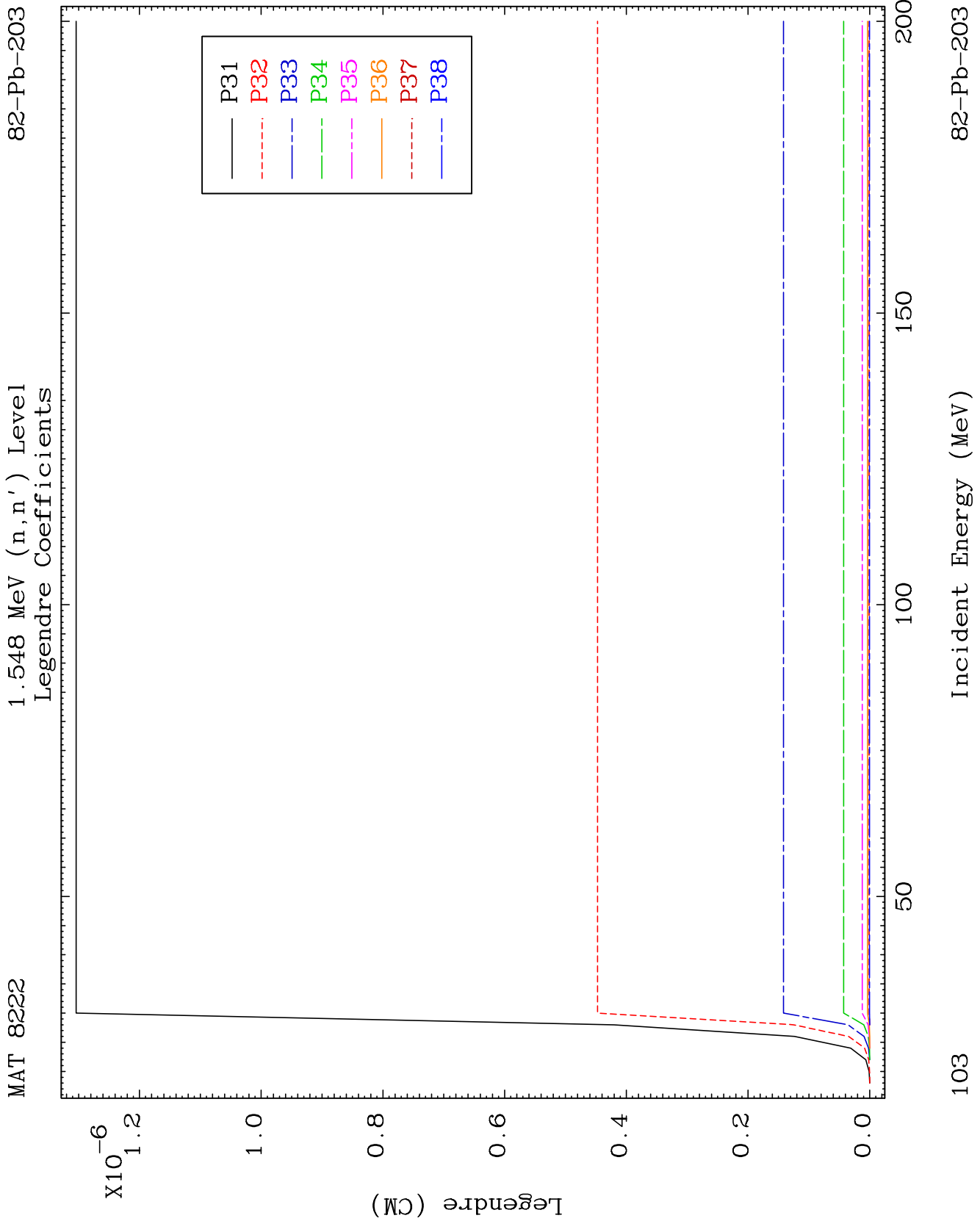
82-Pb-203

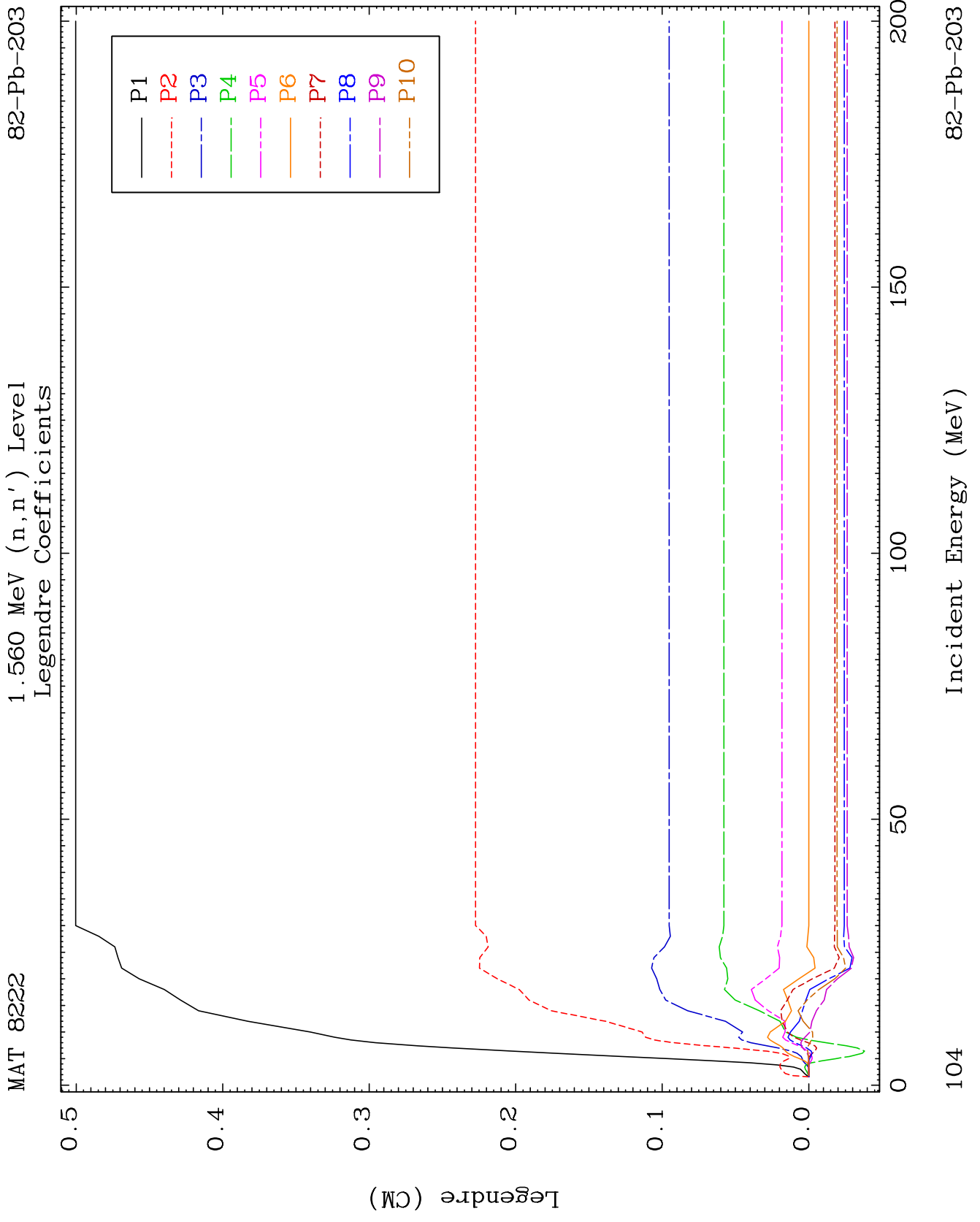


102

Incident Energy (MeV)

82-Pb-203

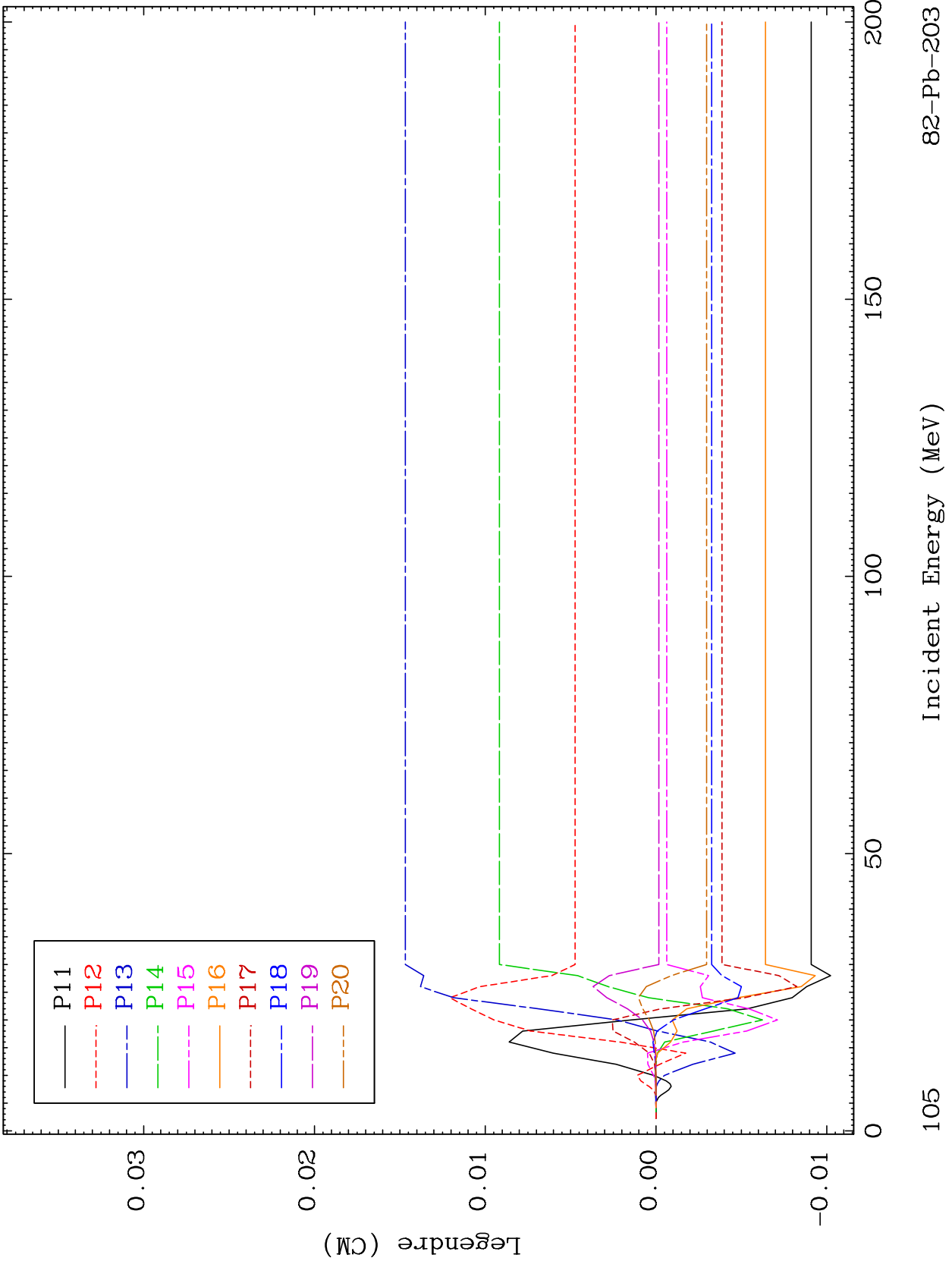




MAT 8222

1.560 MeV (n, n') Level
Legendre Coefficients

82-Pb-203



82-Pb-203

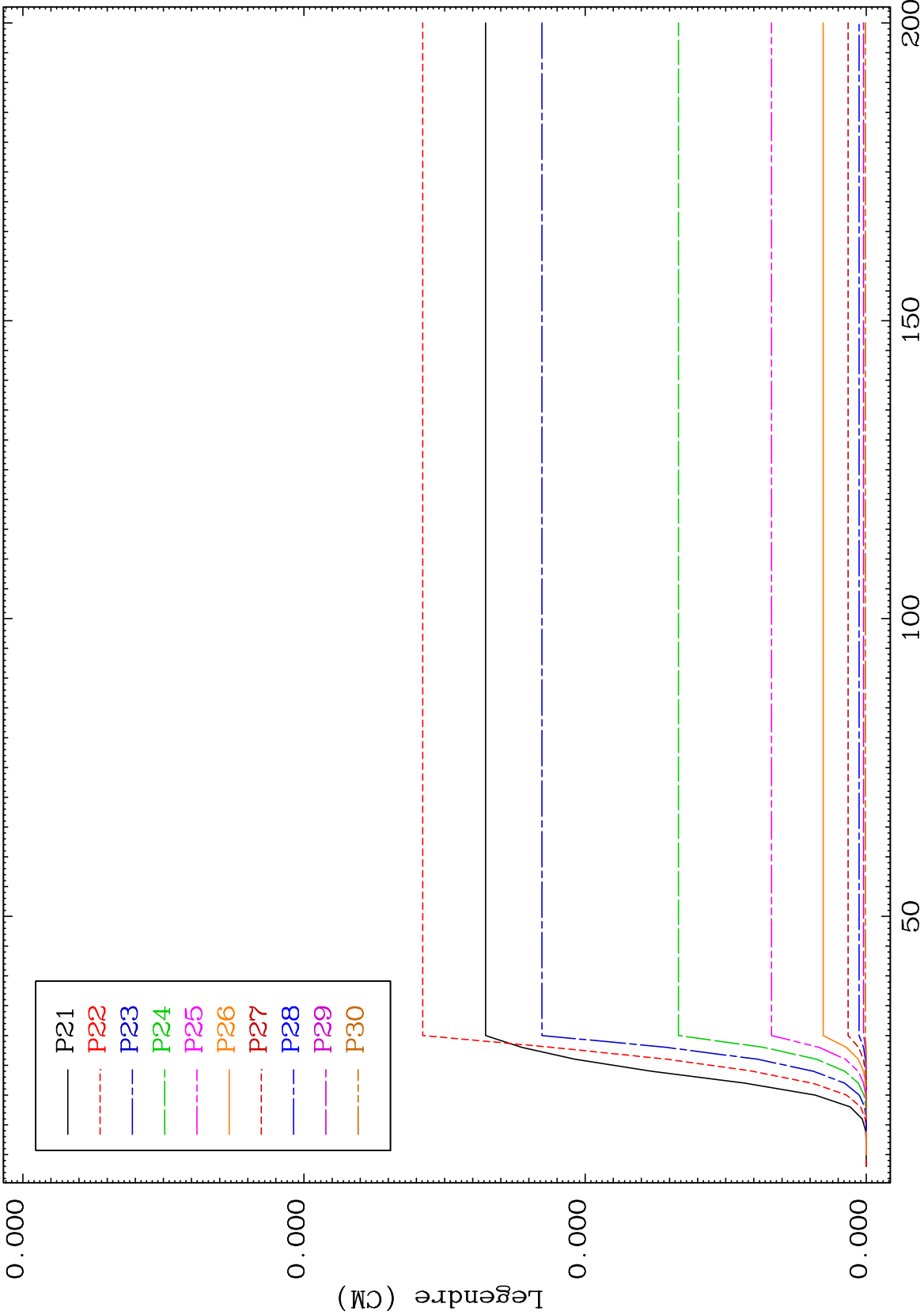
Incident Energy (MeV)

105

MAT 82222

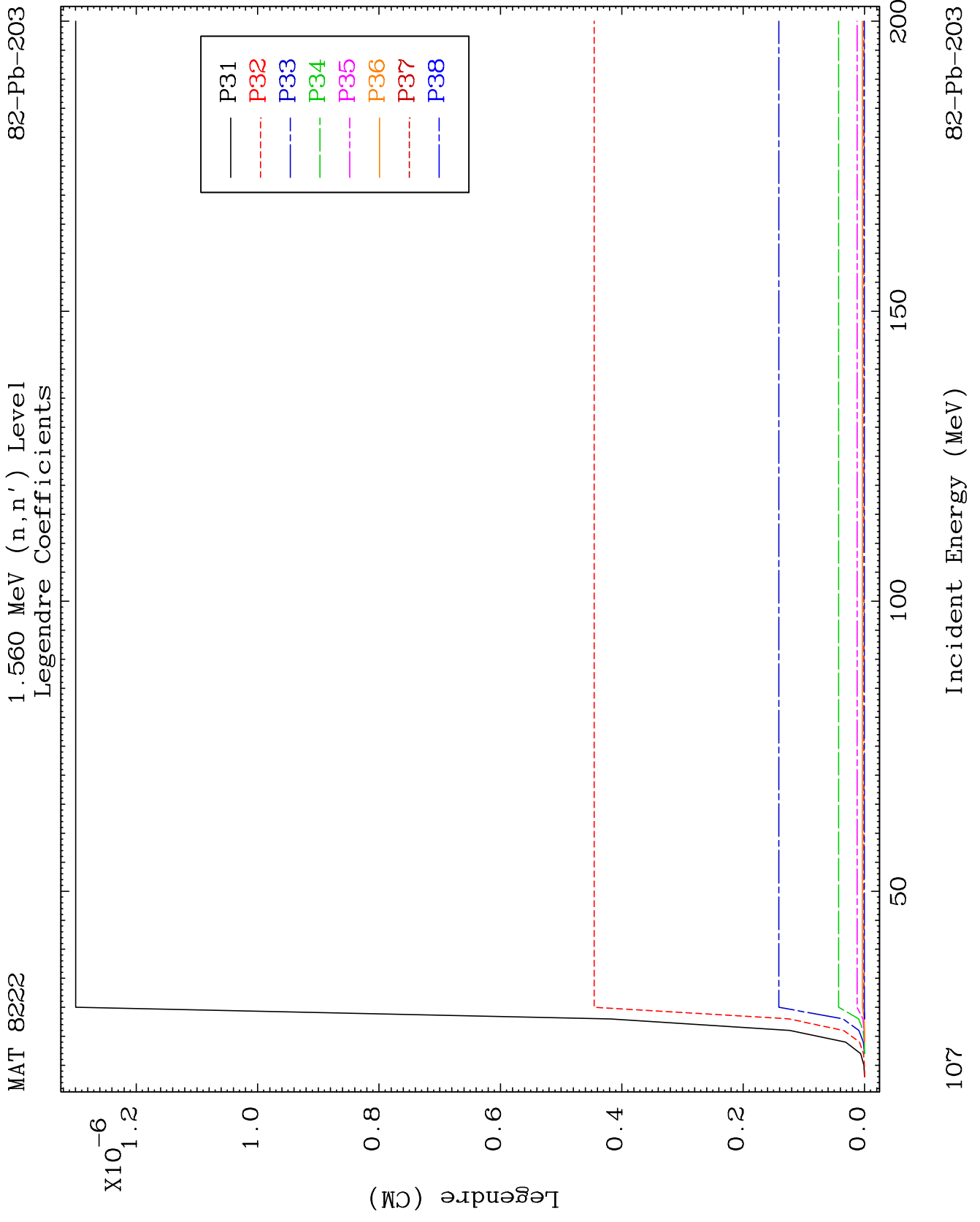
1.560 MeV (n,n') Level Legendre Coefficients

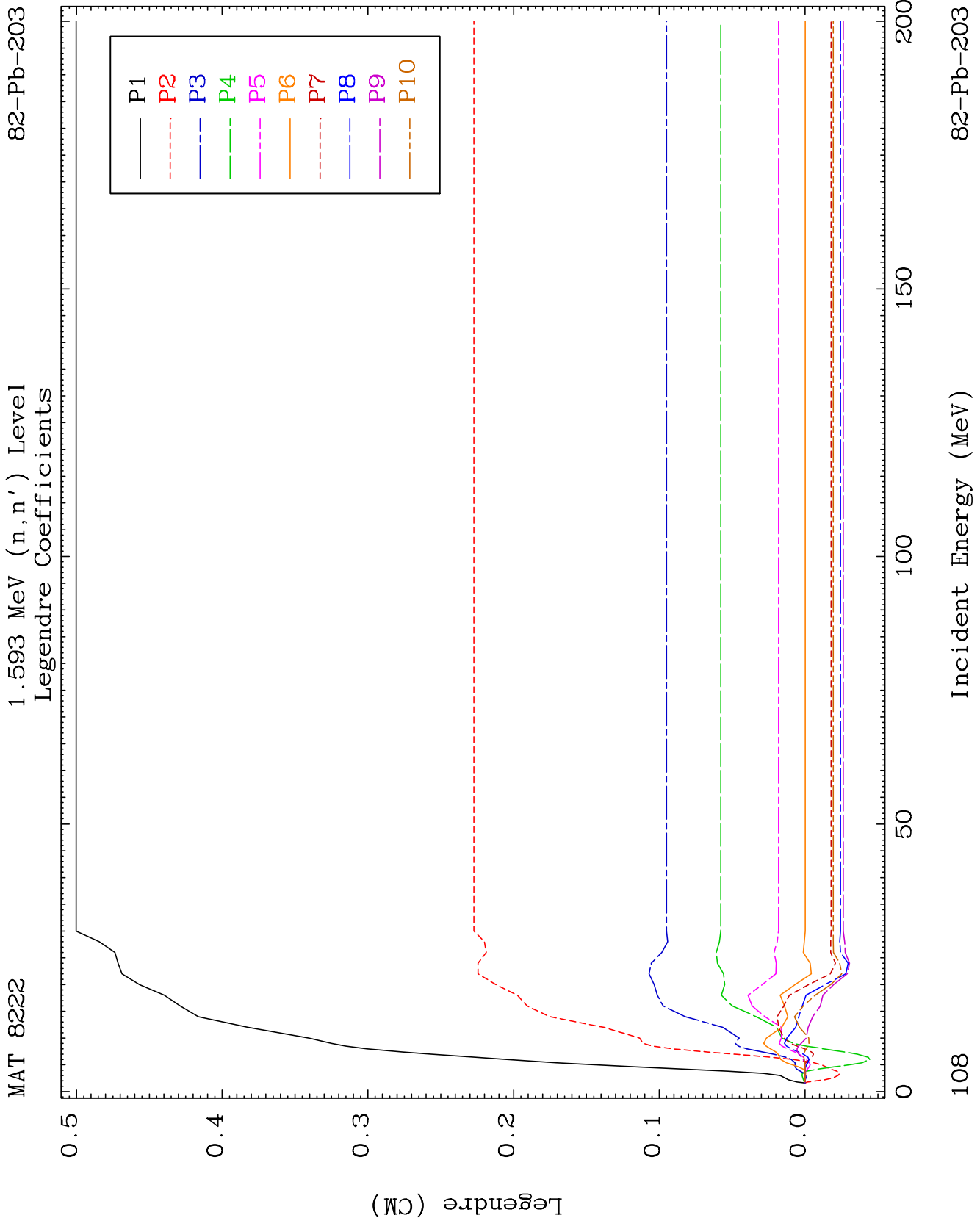
82-Pb-203



106

82-Pb-203

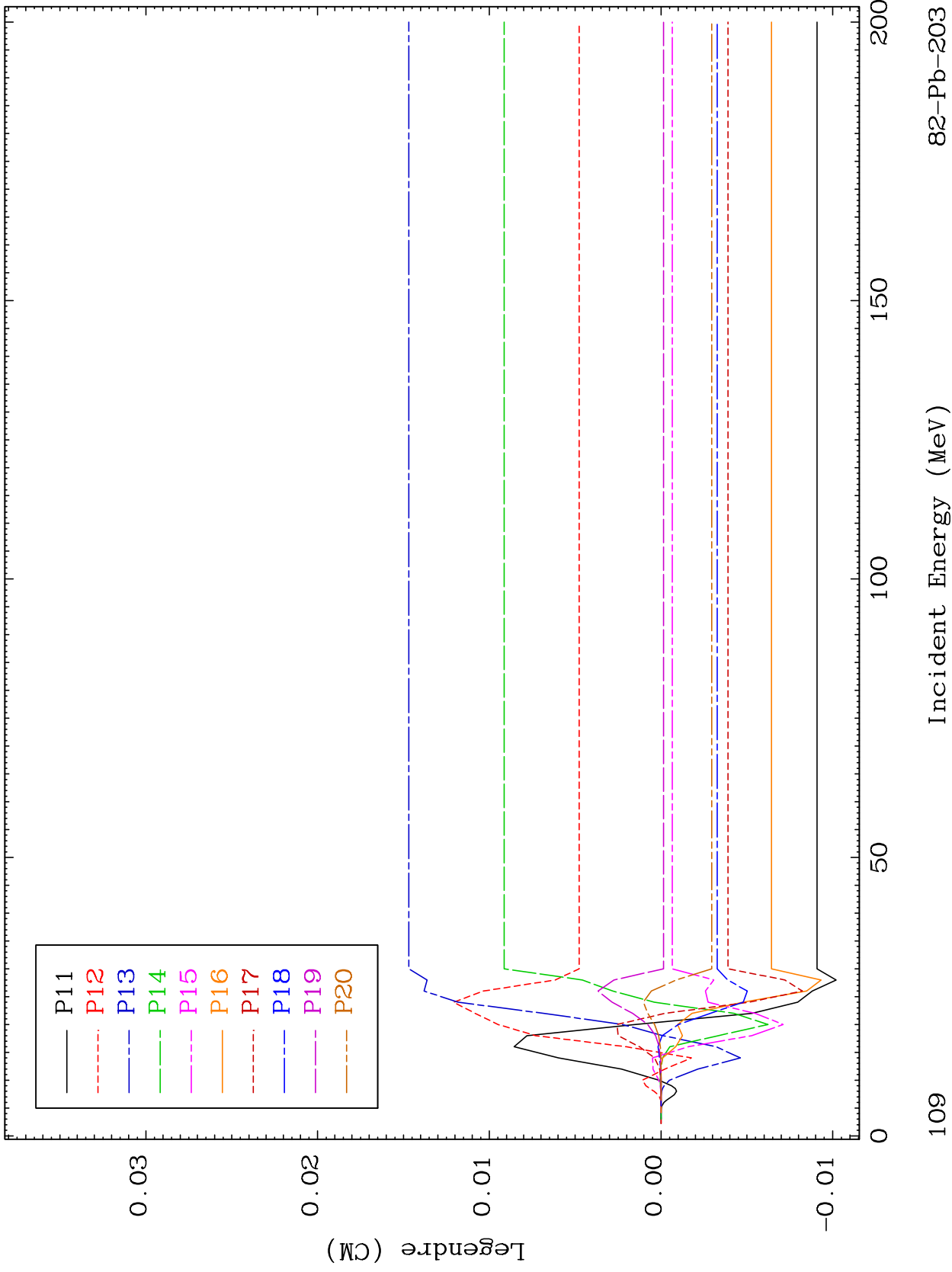




MAT 8222

1.593 MeV (n, n') Level
Legendre Coefficients

82-Pb-203



109

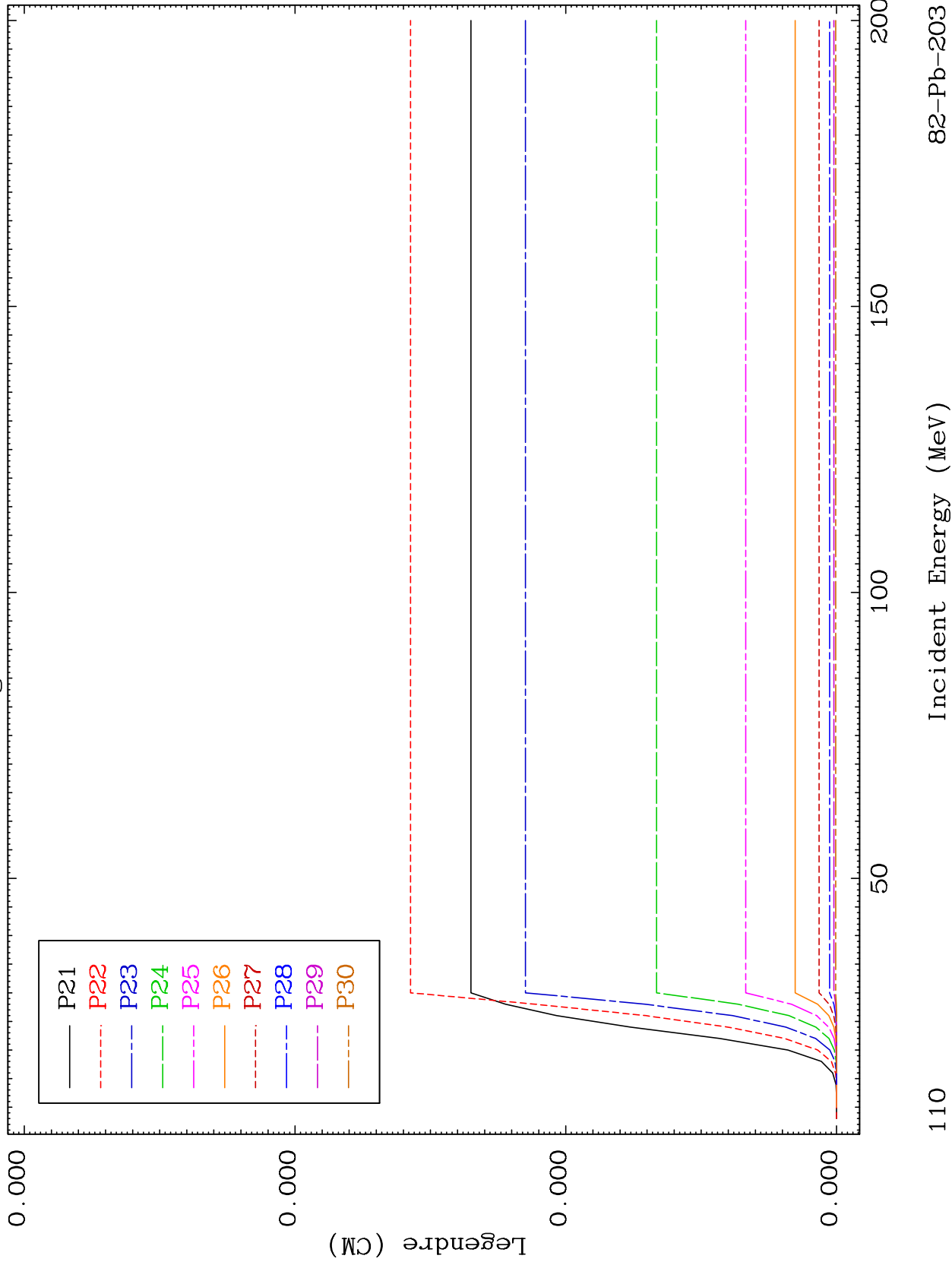
Incident Energy (MeV)

82-Pb-203

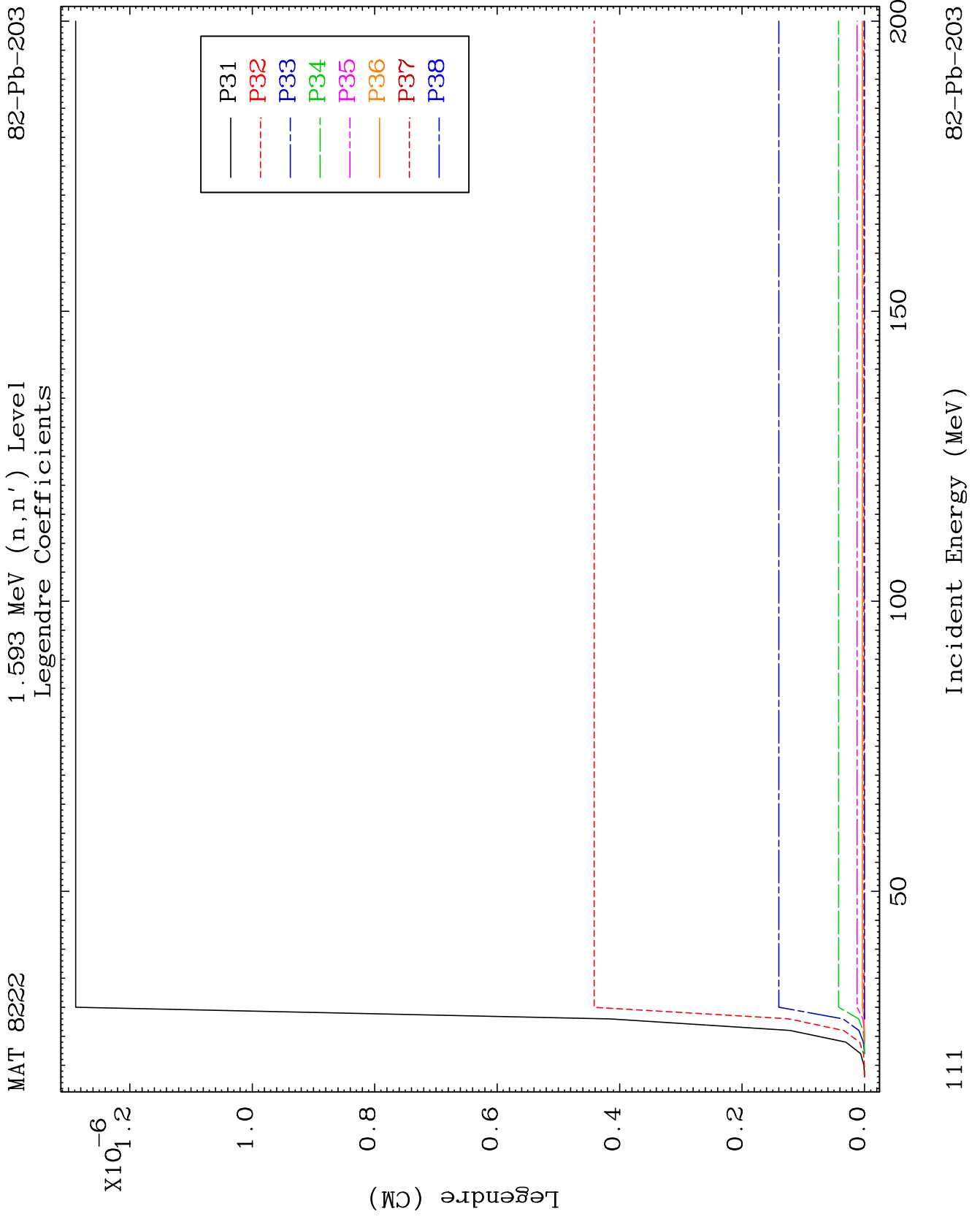
MAT 8222

1.593 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



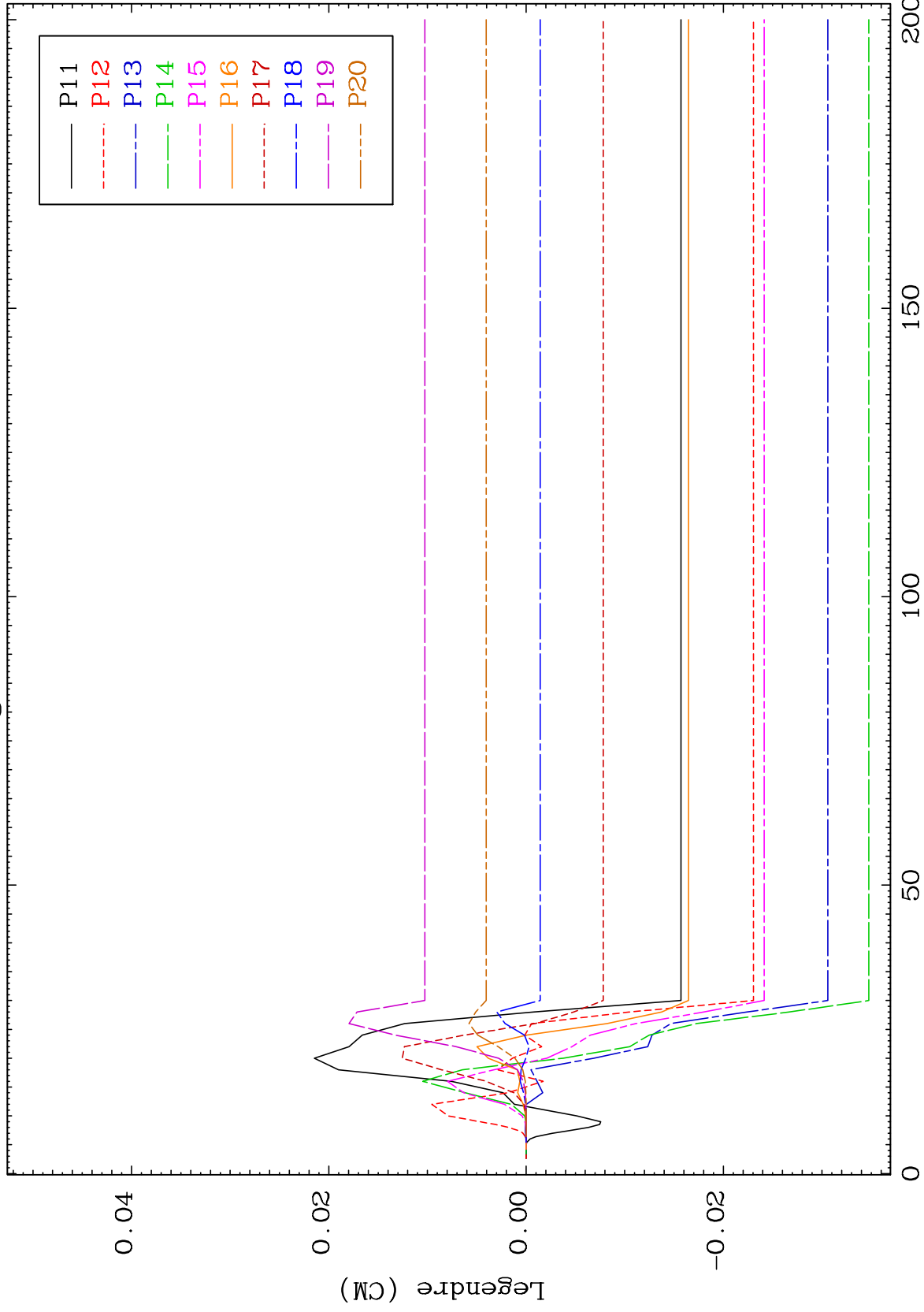
110



MAT 8222

1.641 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



113

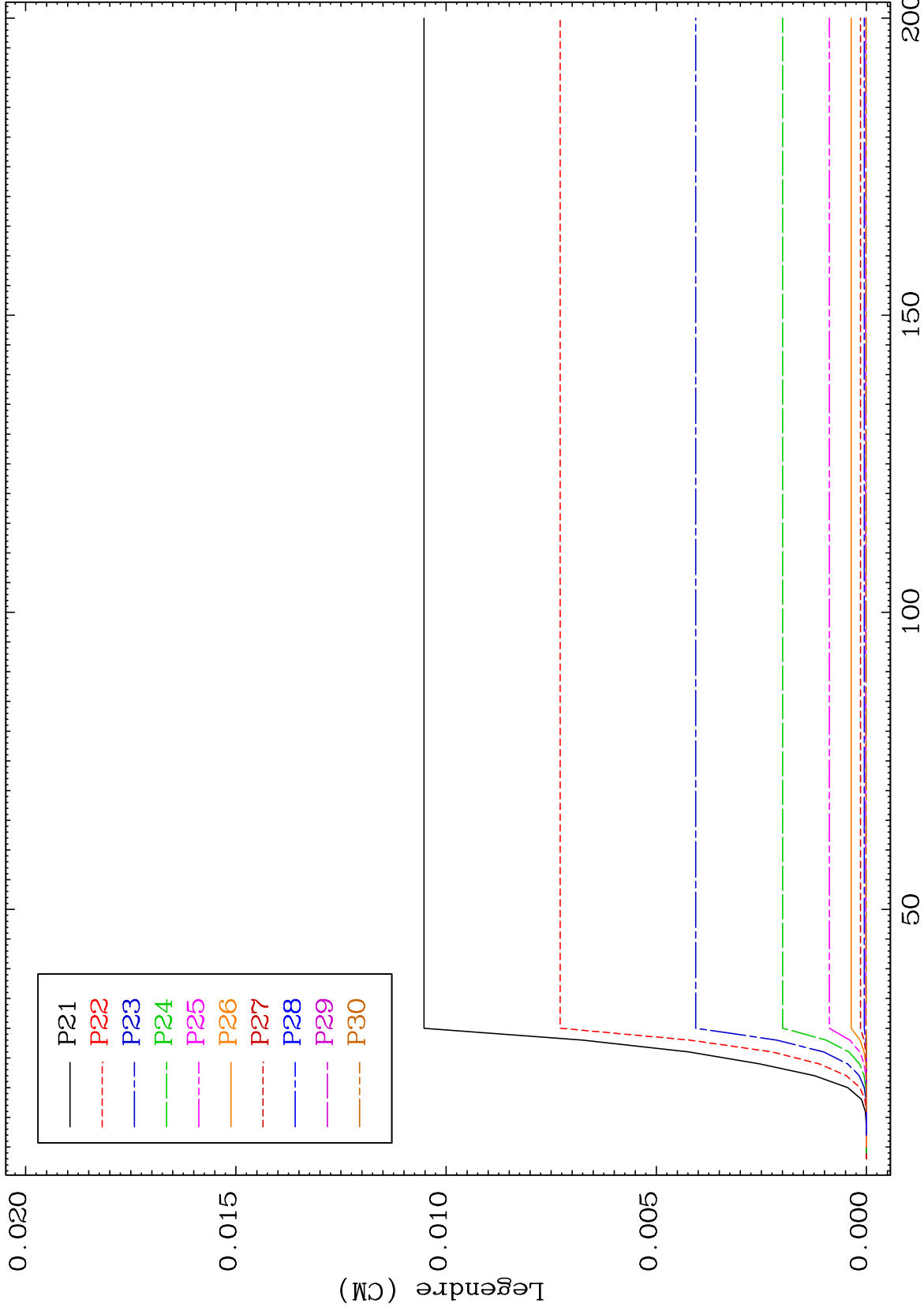
Incident Energy (MeV)

82-Pb-203

MAT 82222

1.641 MeV (n,n') Level
Legendre Coefficients

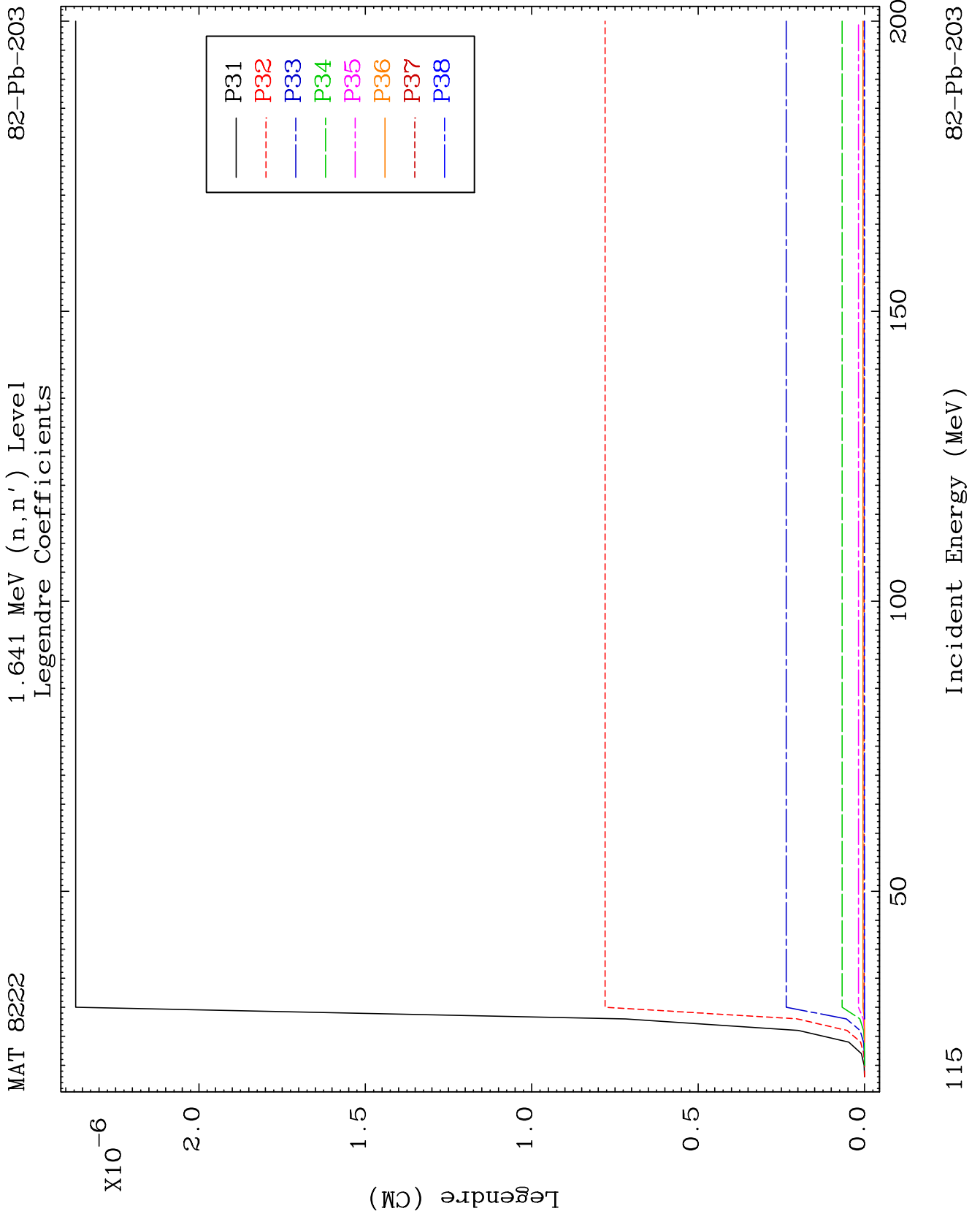
82-Pb-203

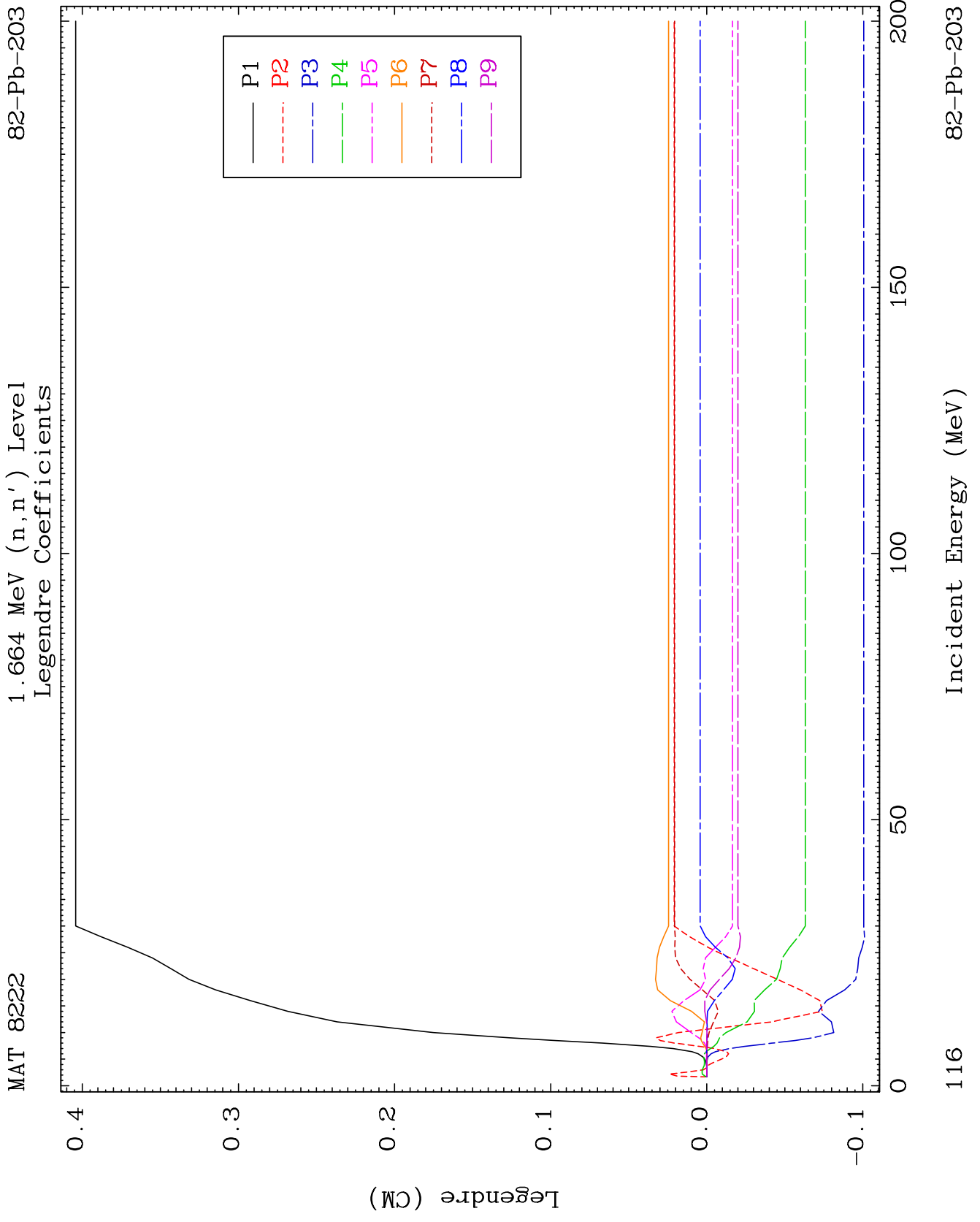


114

Incident Energy (MeV)

82-Pb-203

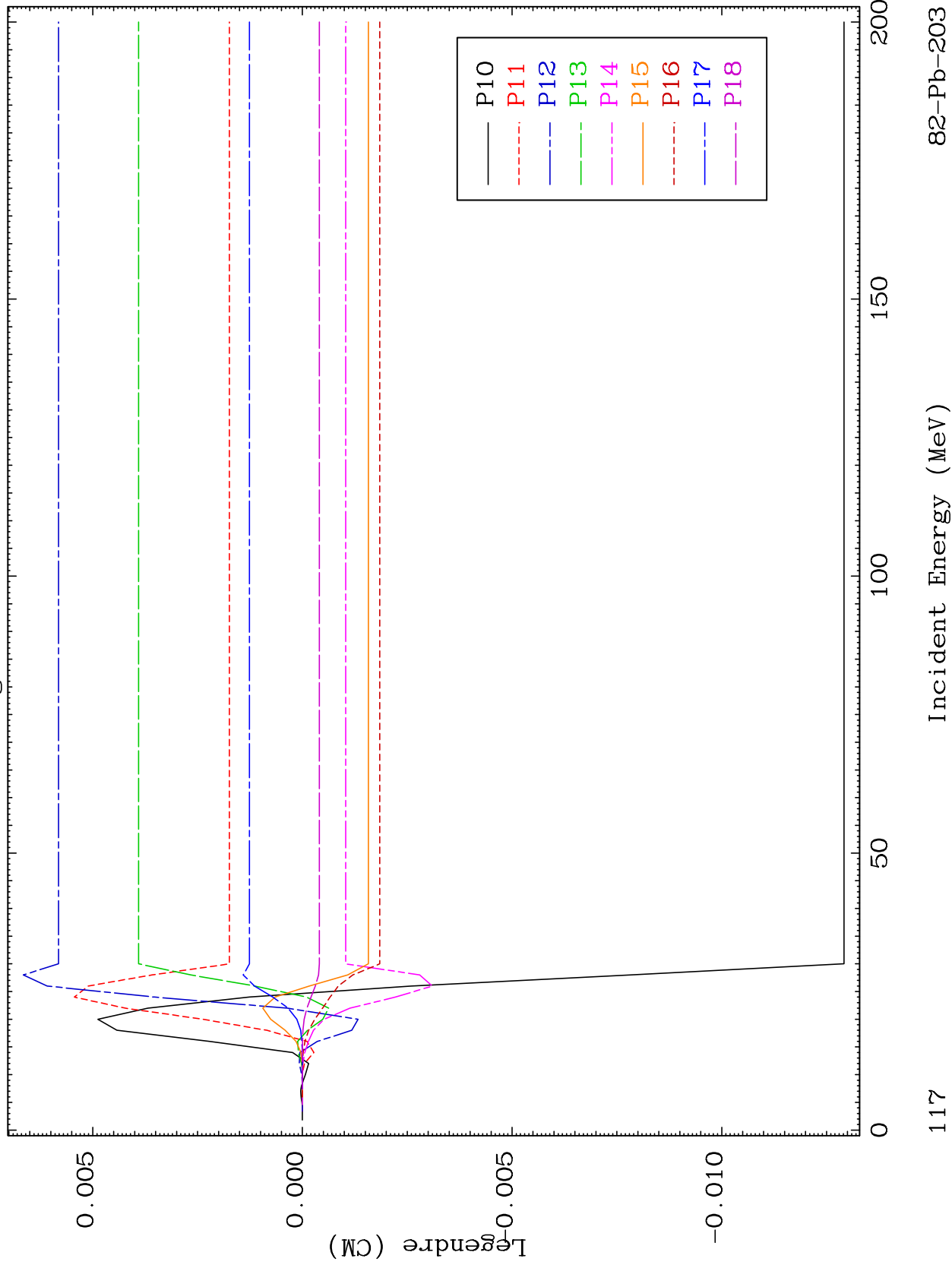




MAT 8222

1.664 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



117

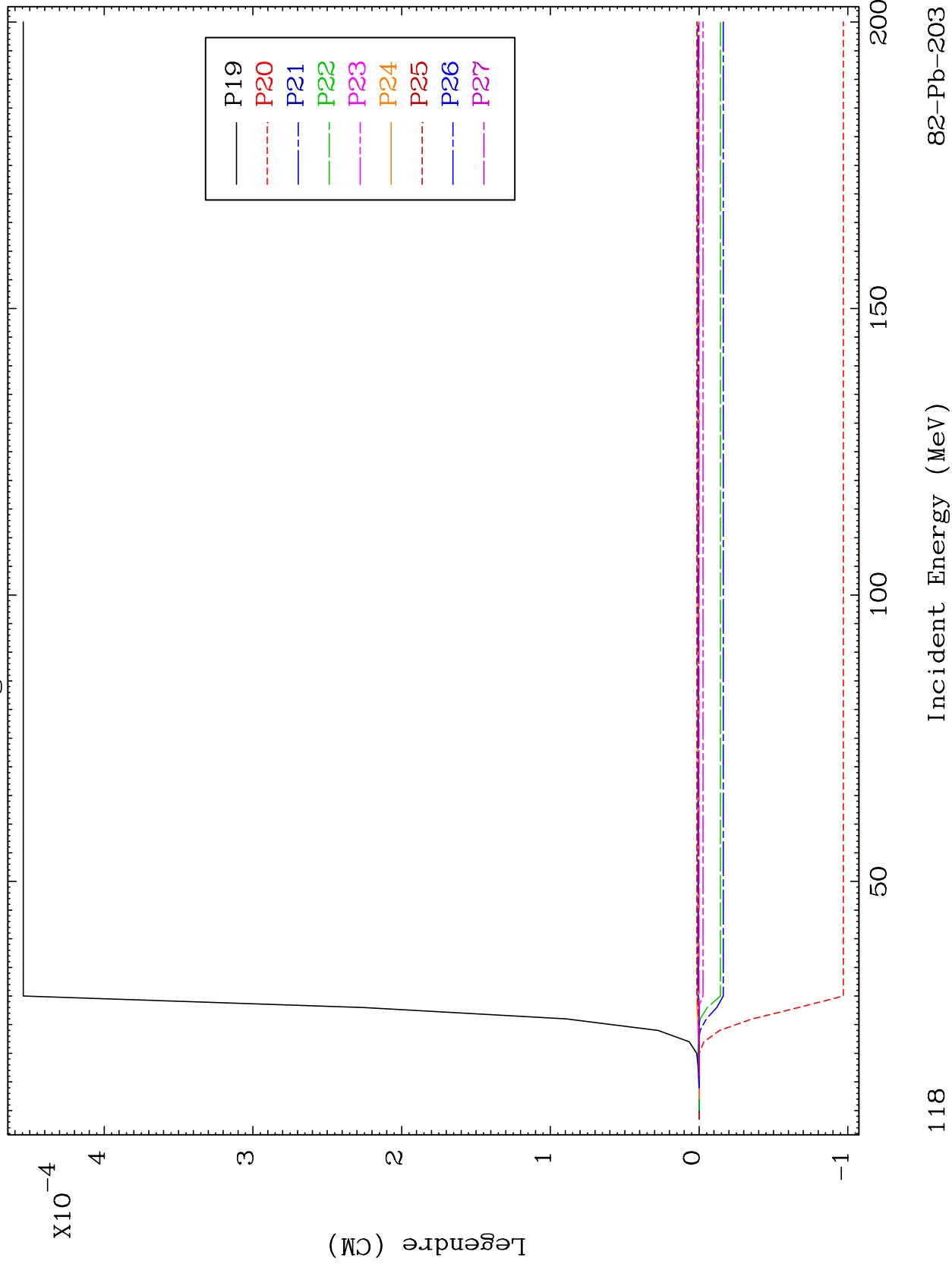
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.664 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



118

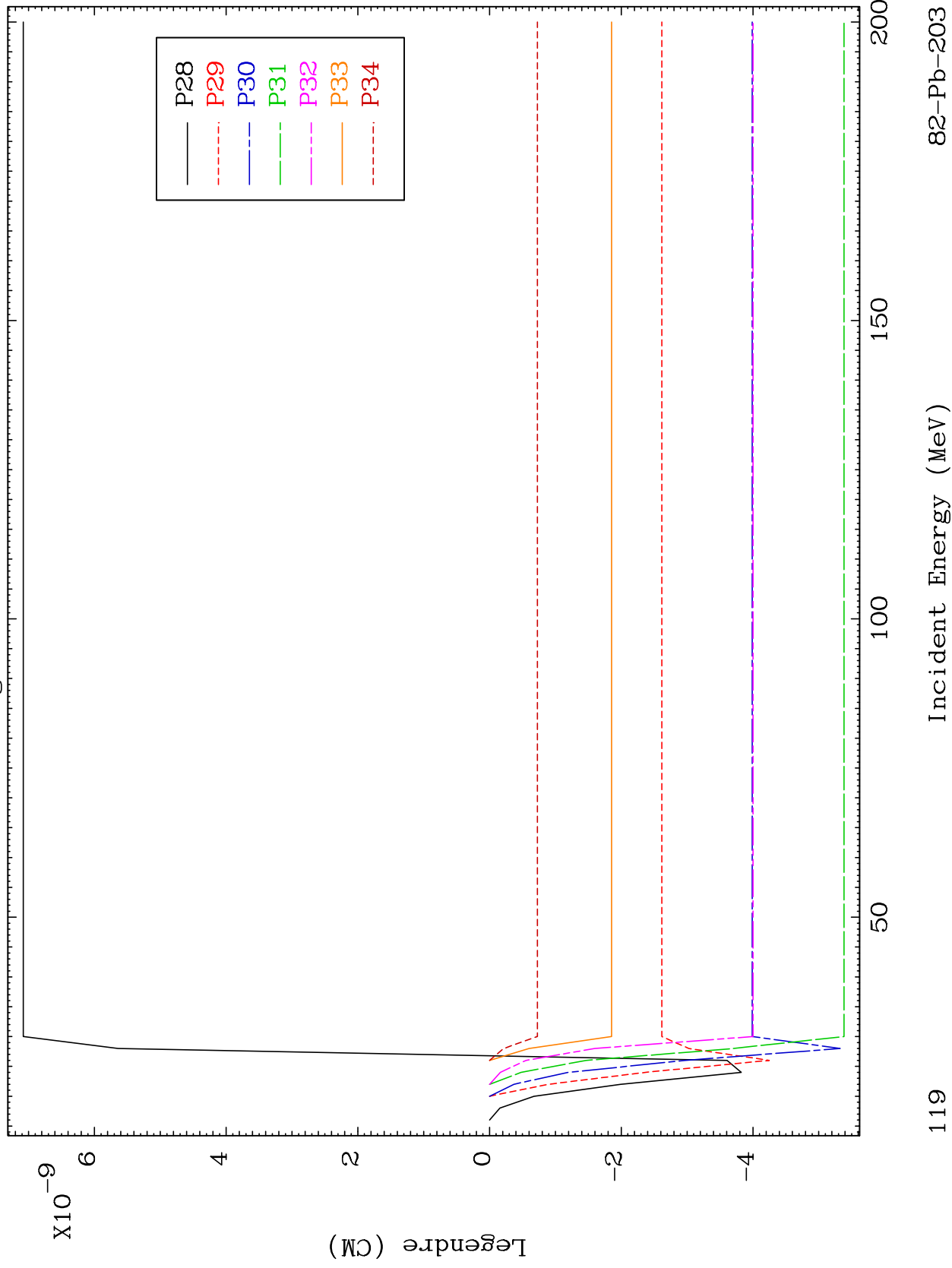
Incident Energy (MeV)

82-Pb-203

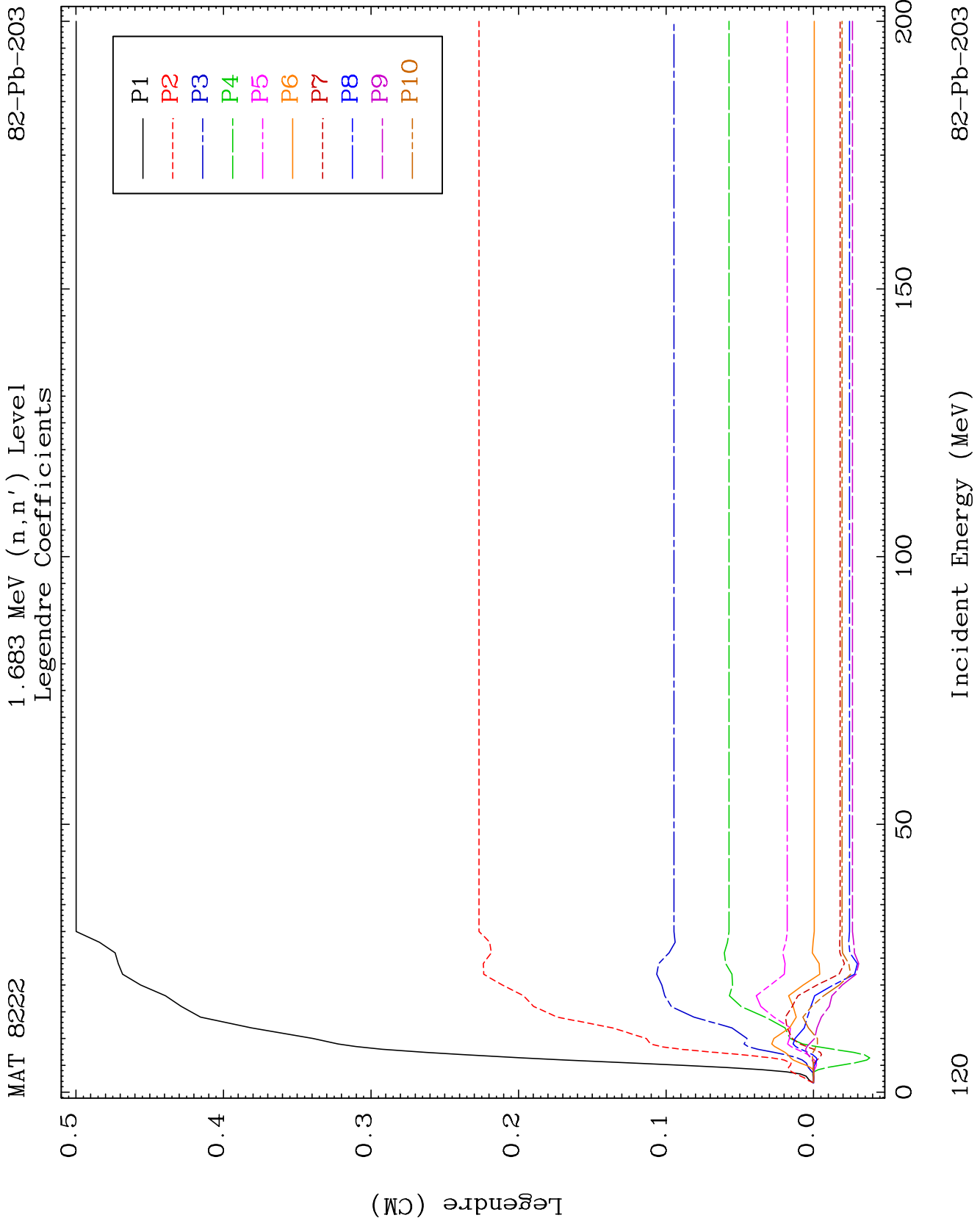
MAT 8222

1.664 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



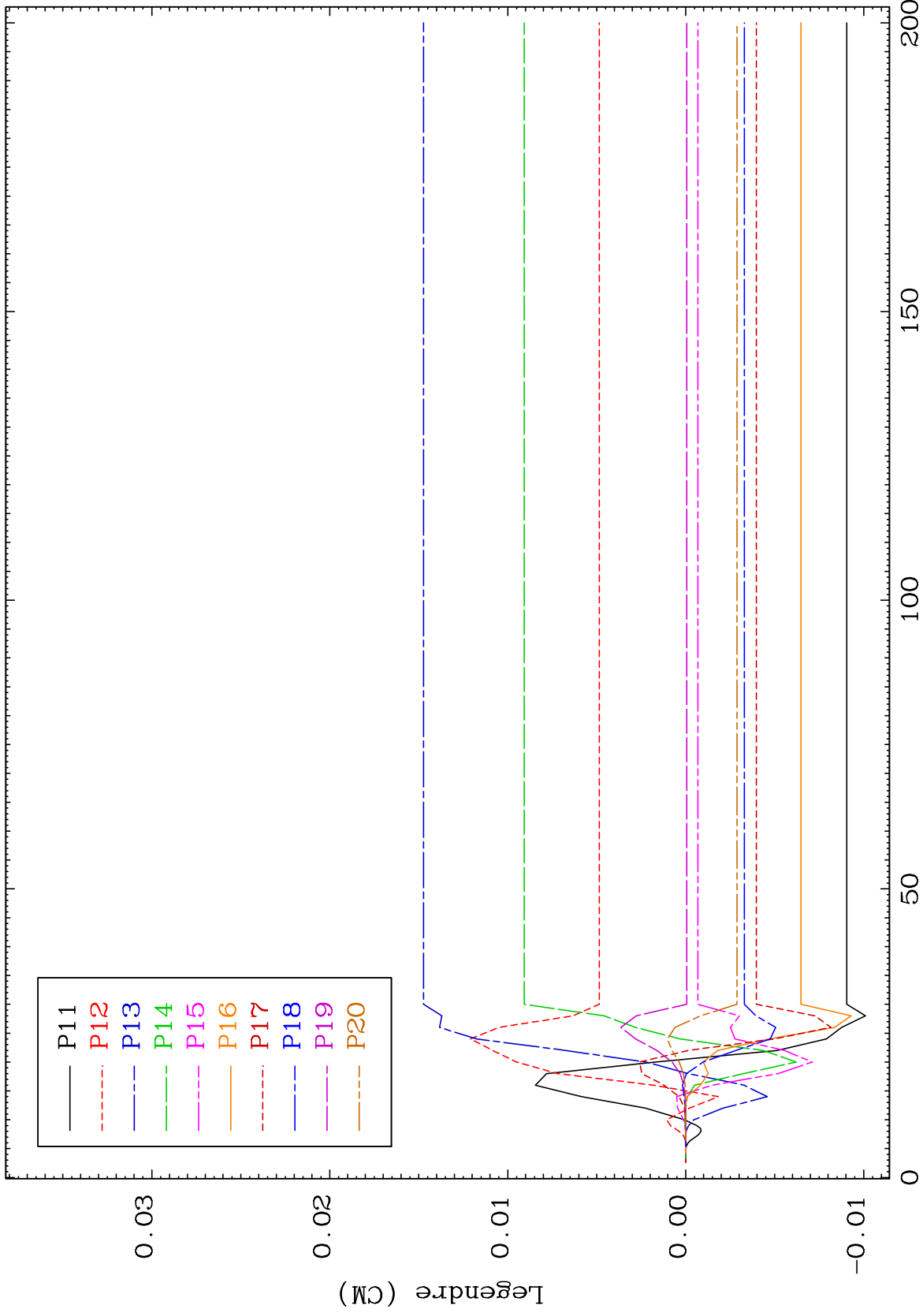
119



MAT 8222

1.683 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



121

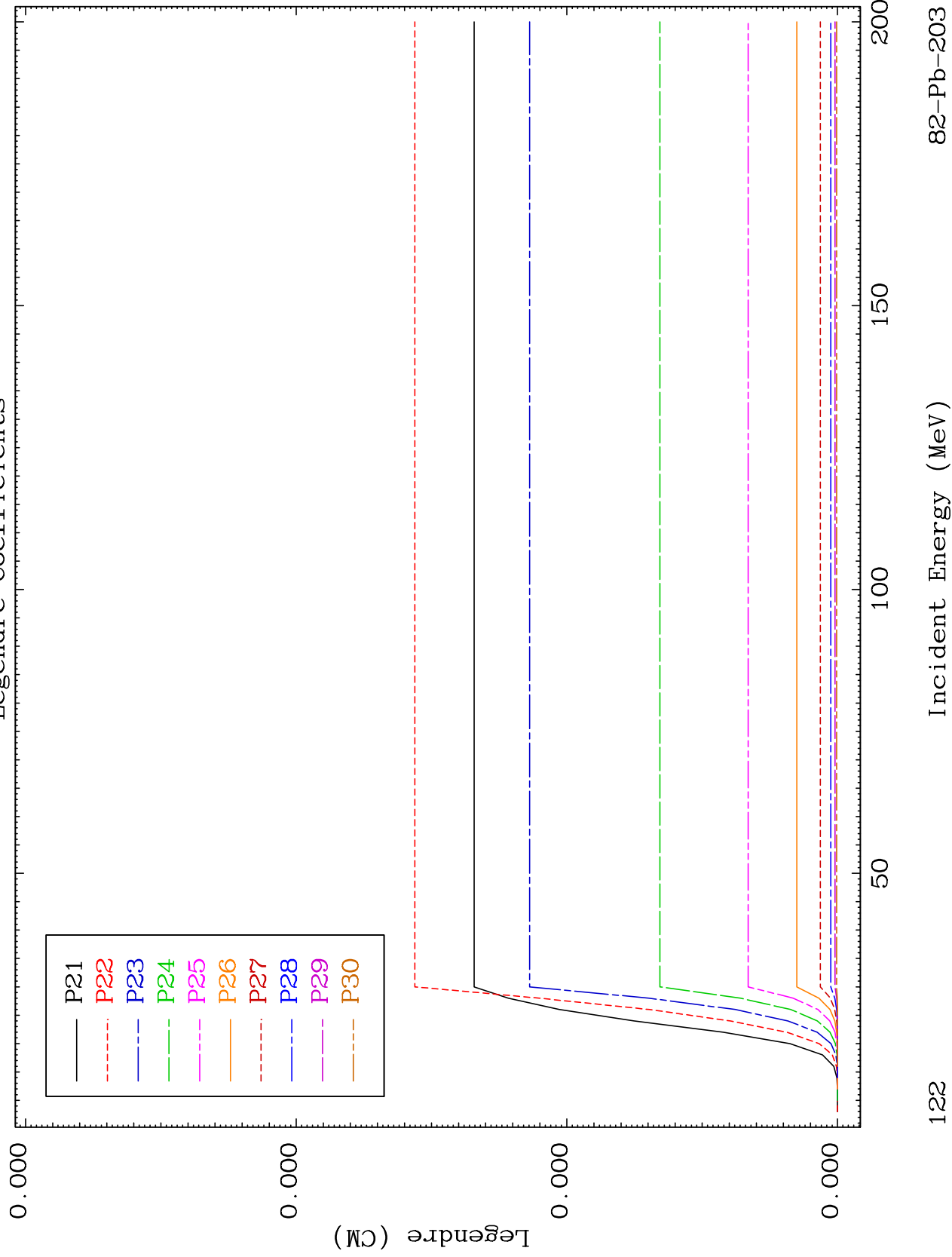
Incident Energy (MeV)

82-Pb-203

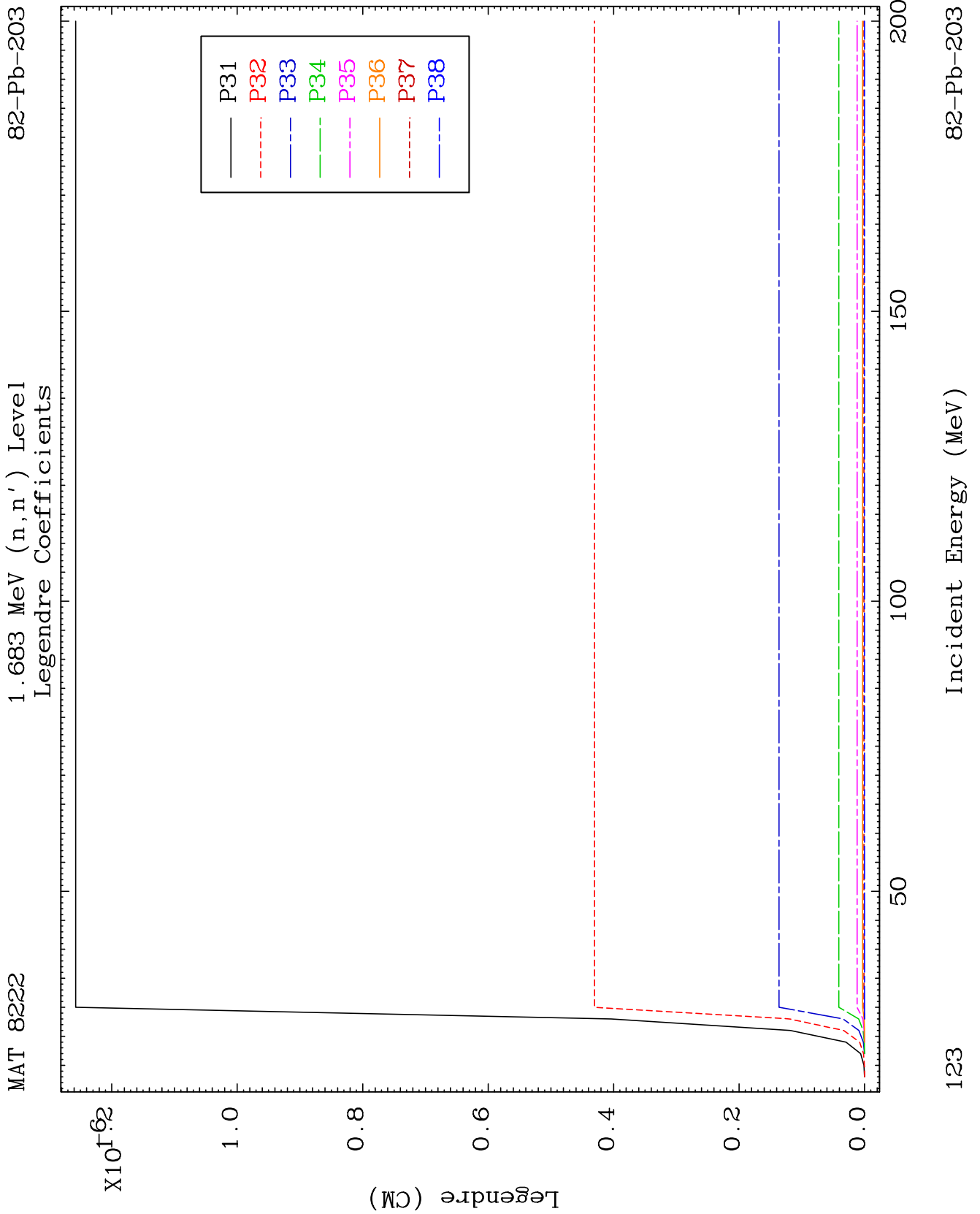
MAT 8222

1.683 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



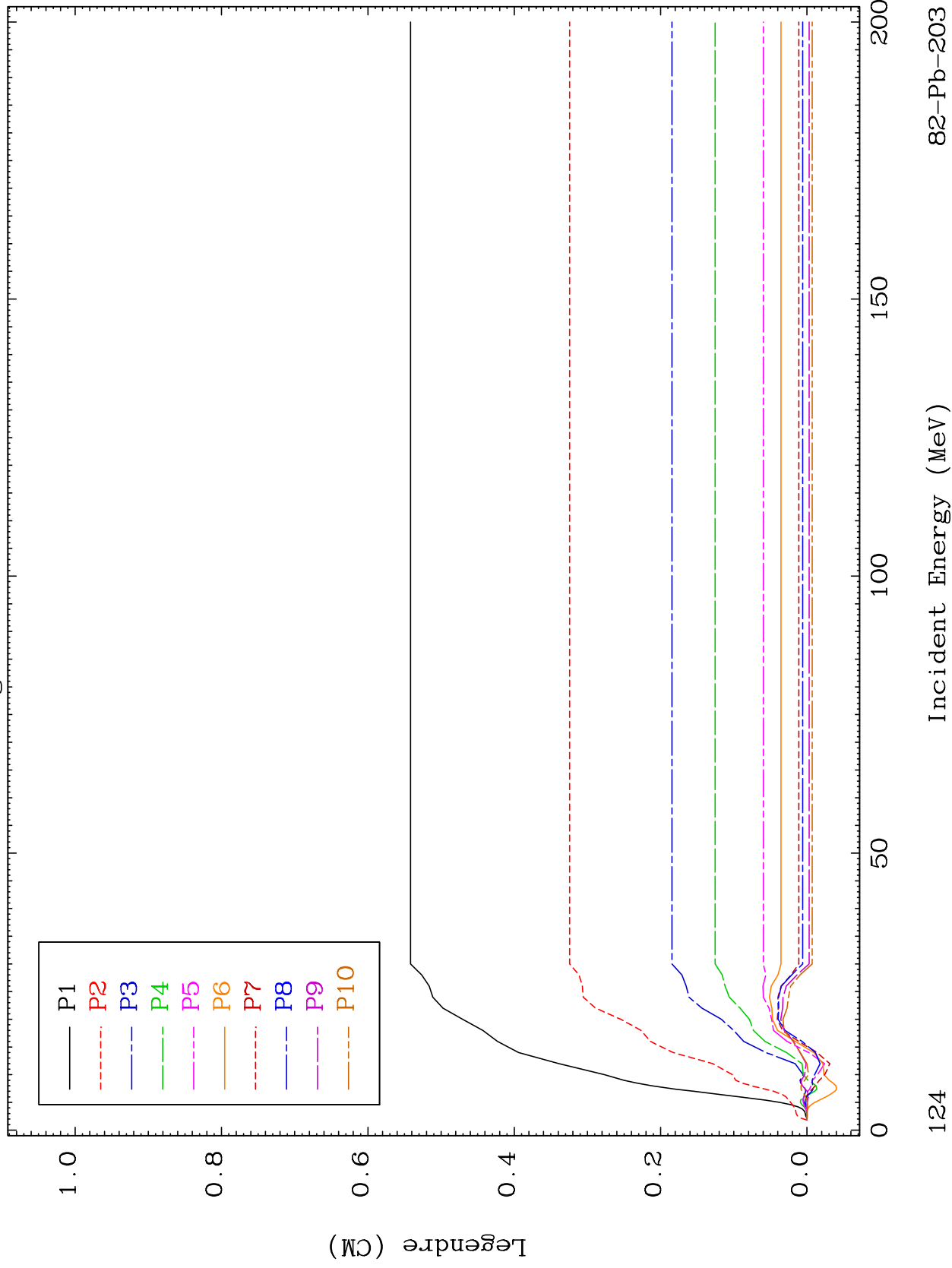
122



MAT 8222

1.802 MeV (n,n') Level
Legendre Coefficients

82-Pb-203



124

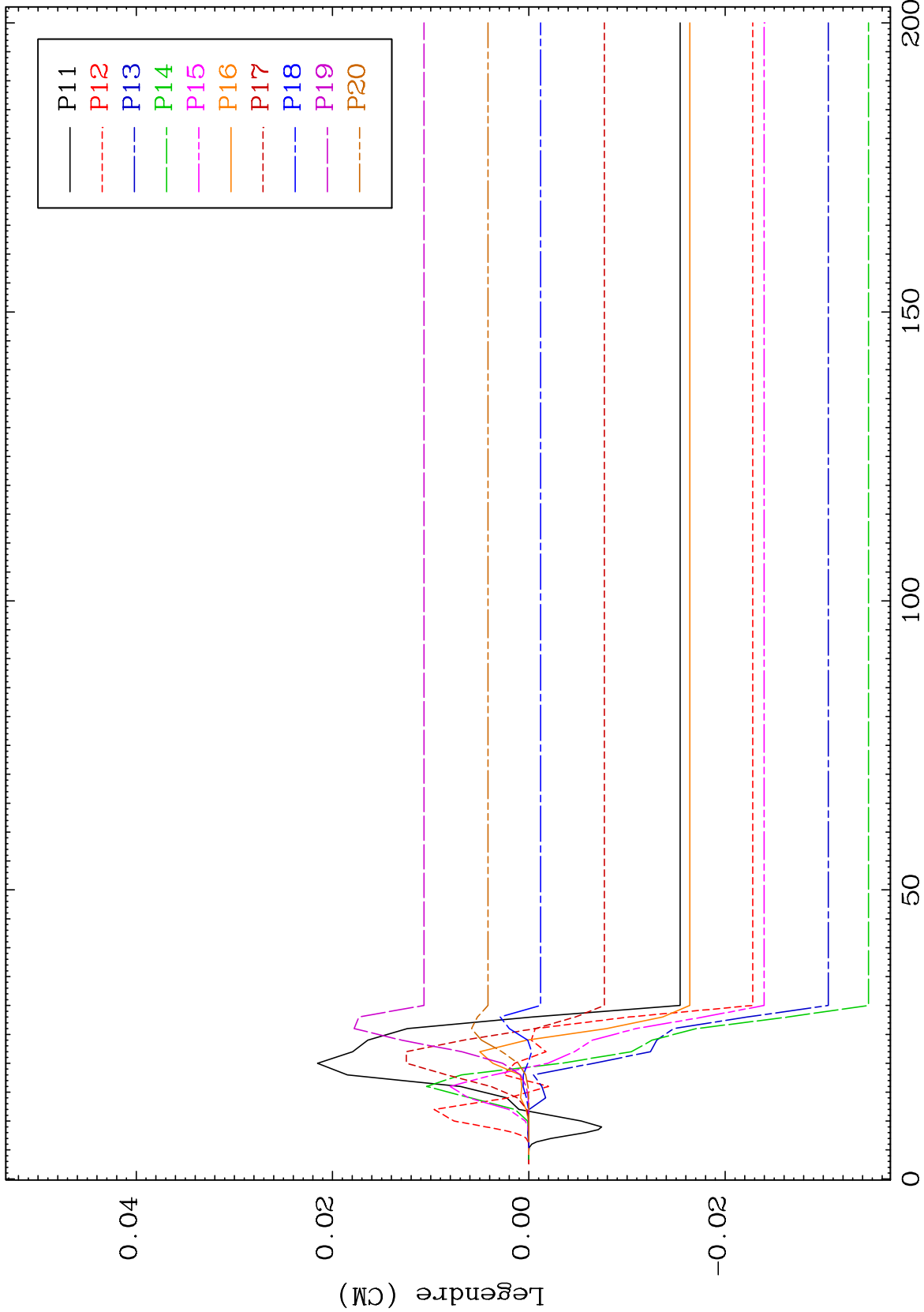
Incident Energy (MeV)

82-Pb-203

MAT 8222

1.802 MeV (n,n') Level
Legendre Coefficients

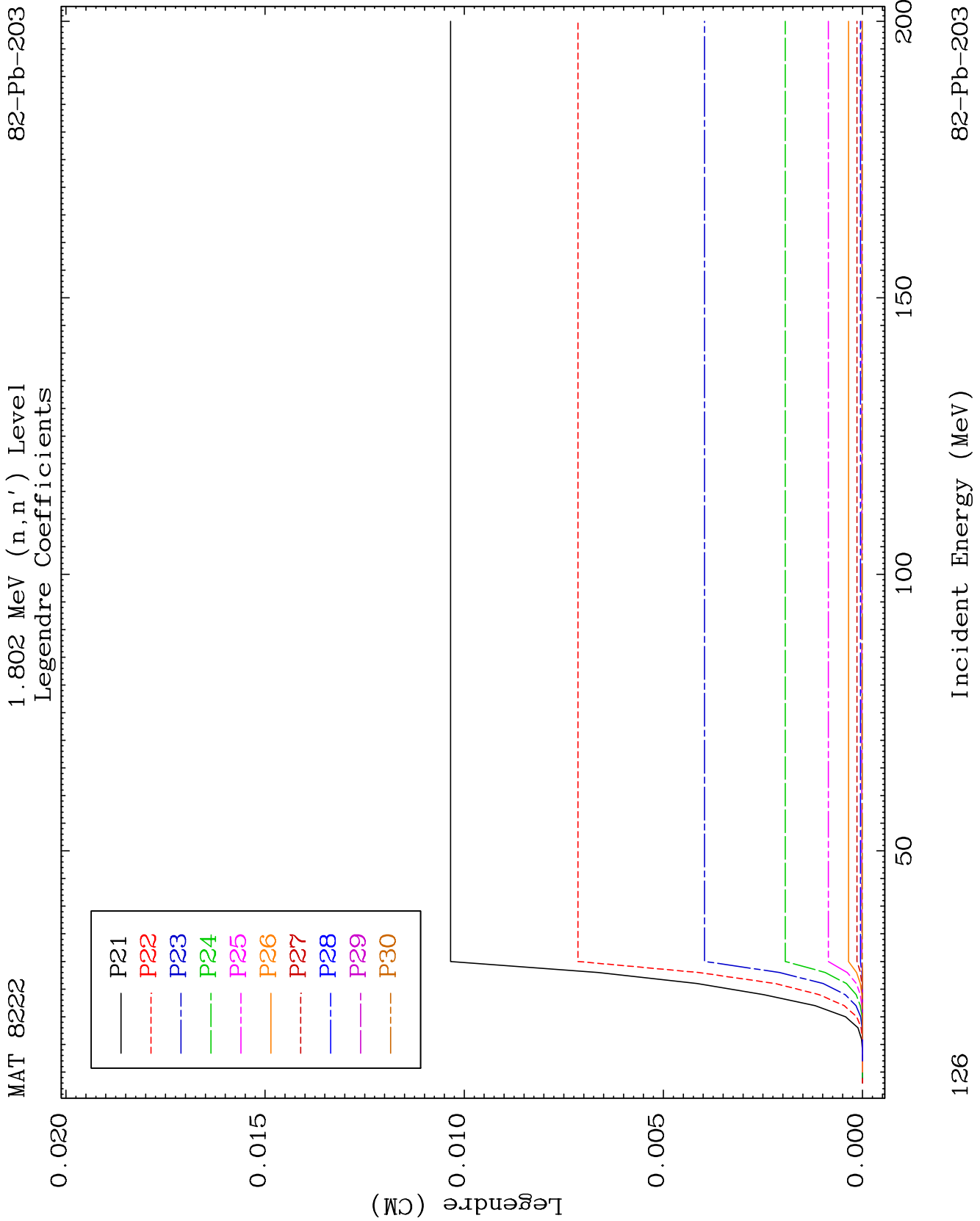
82-Pb-203

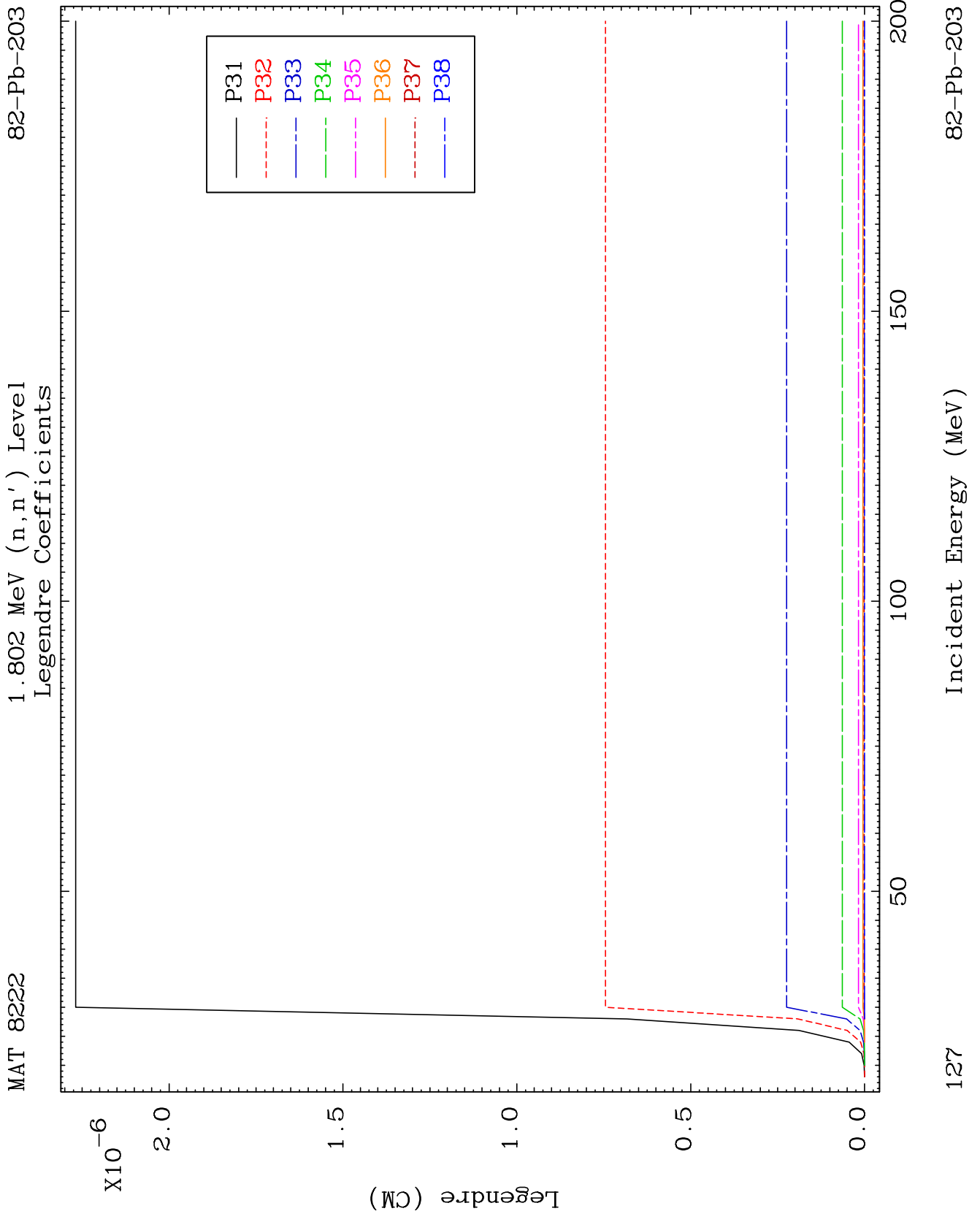


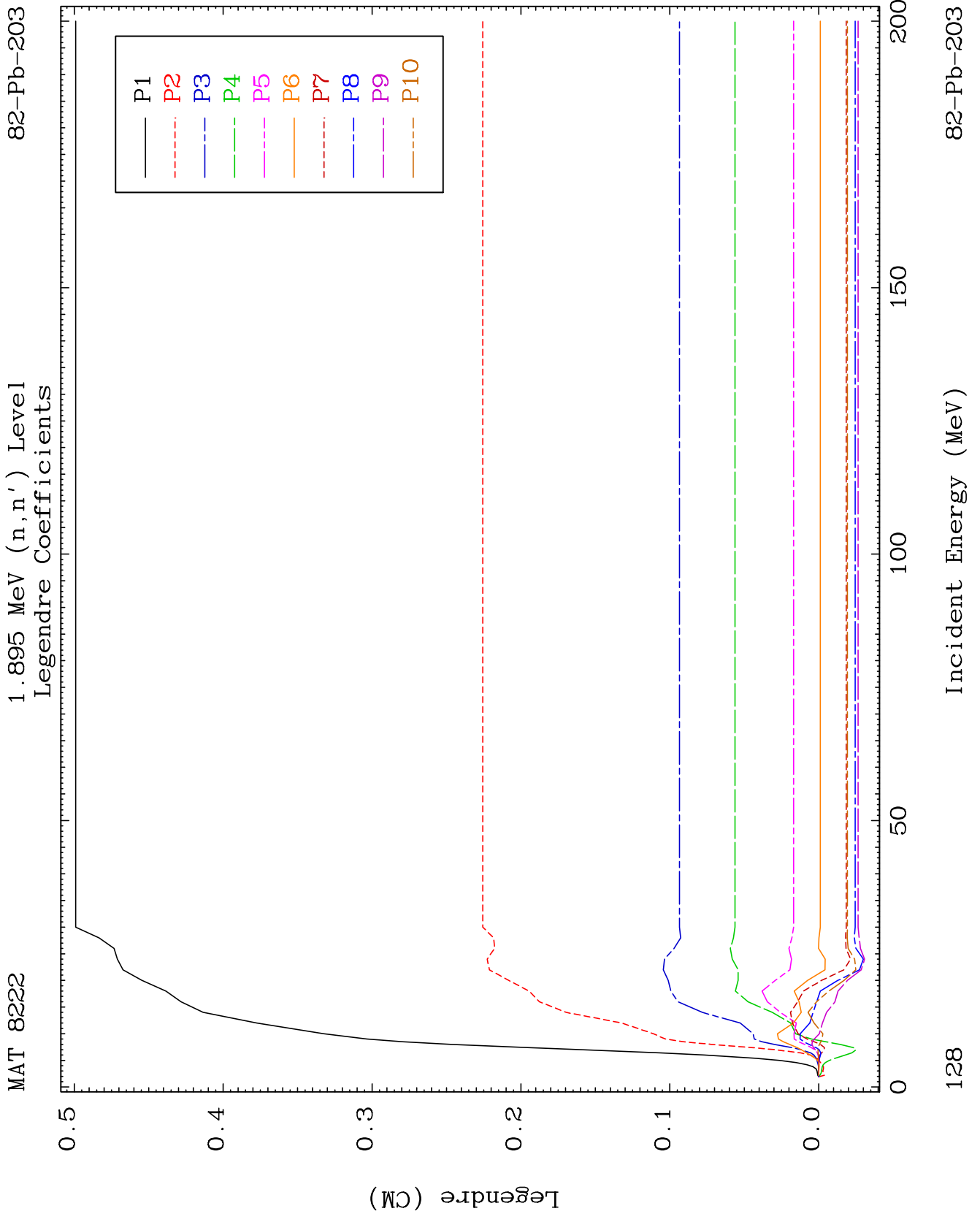
125

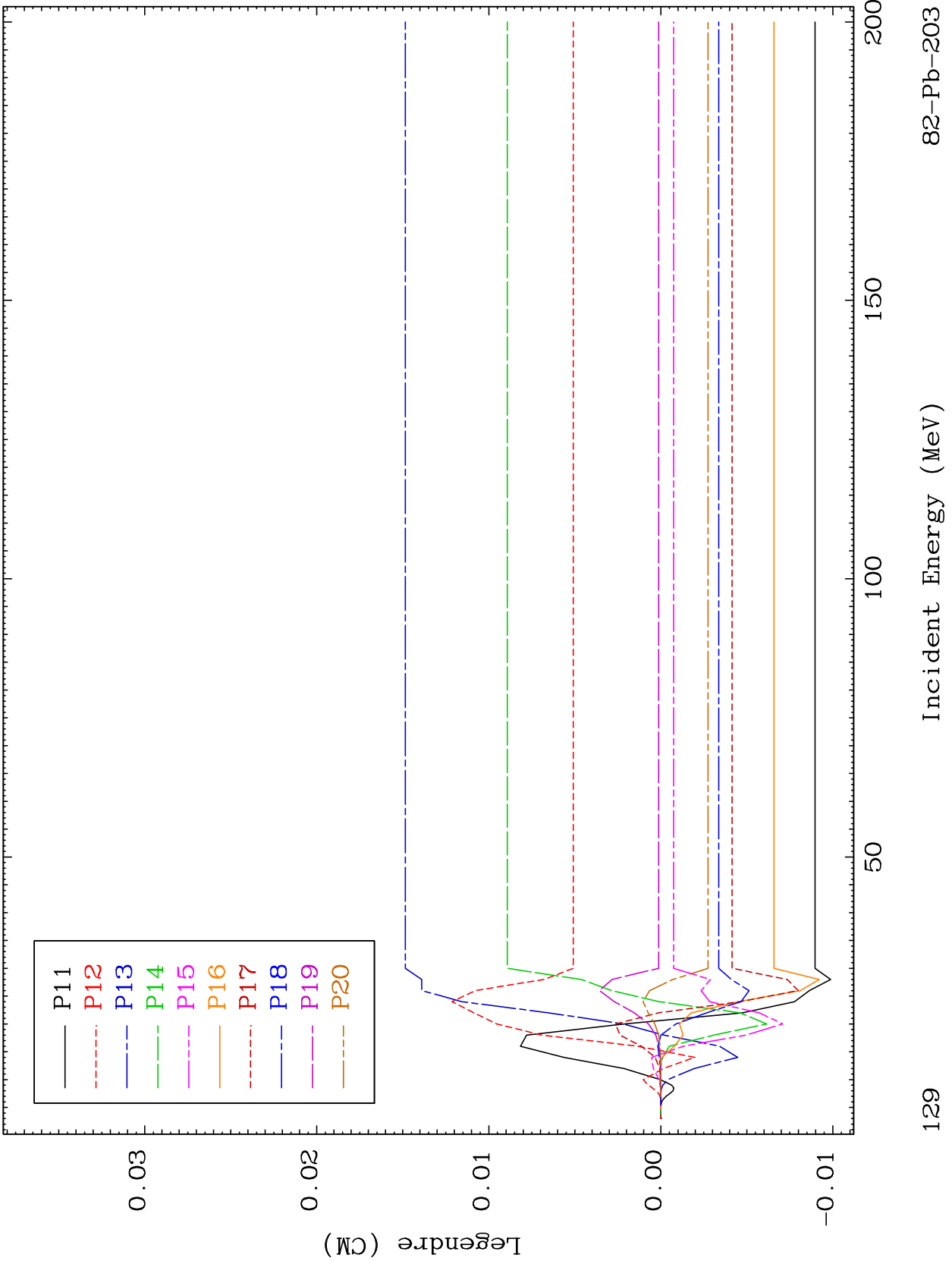
Incident Energy (MeV)

82-Pb-203





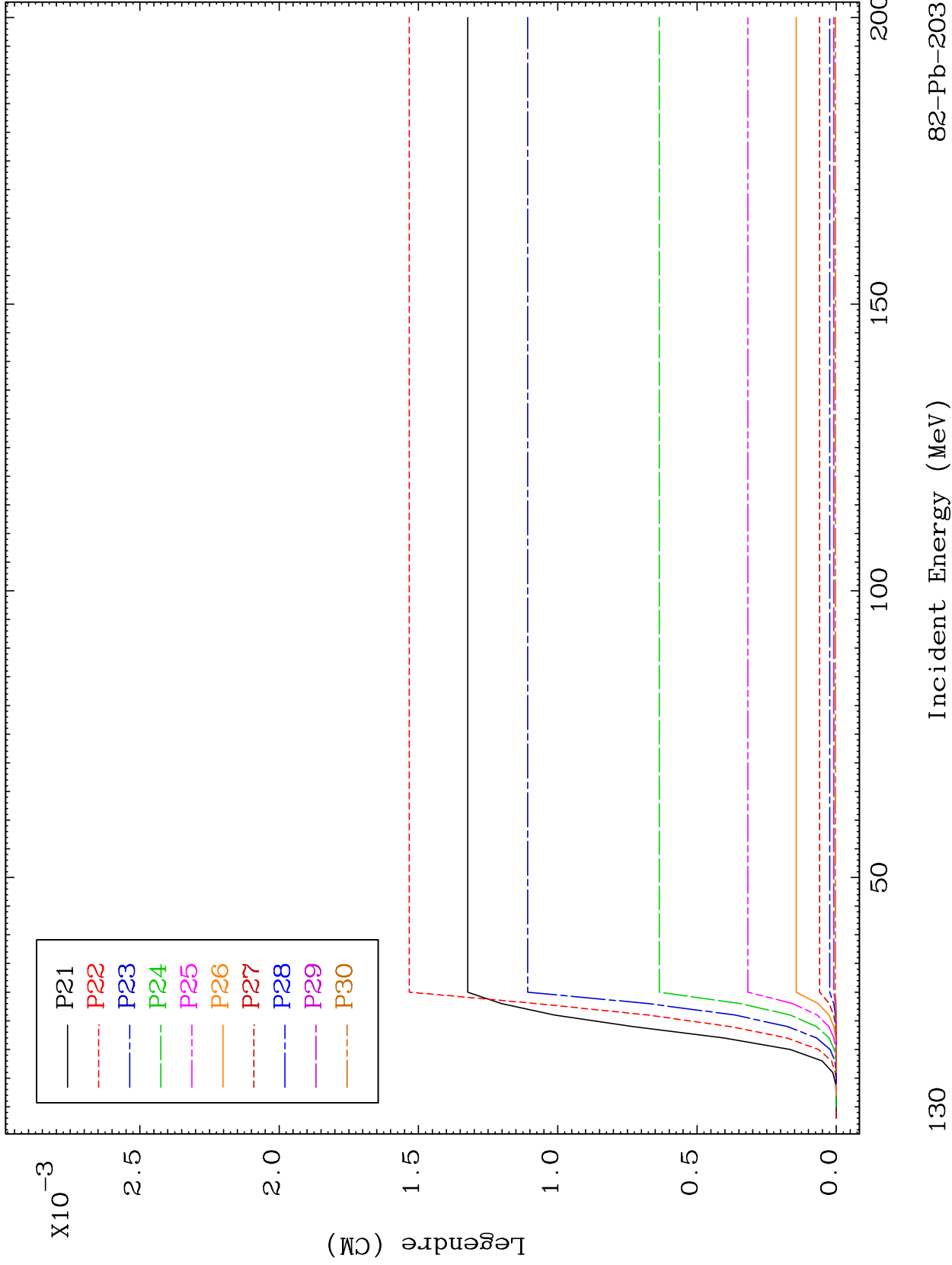


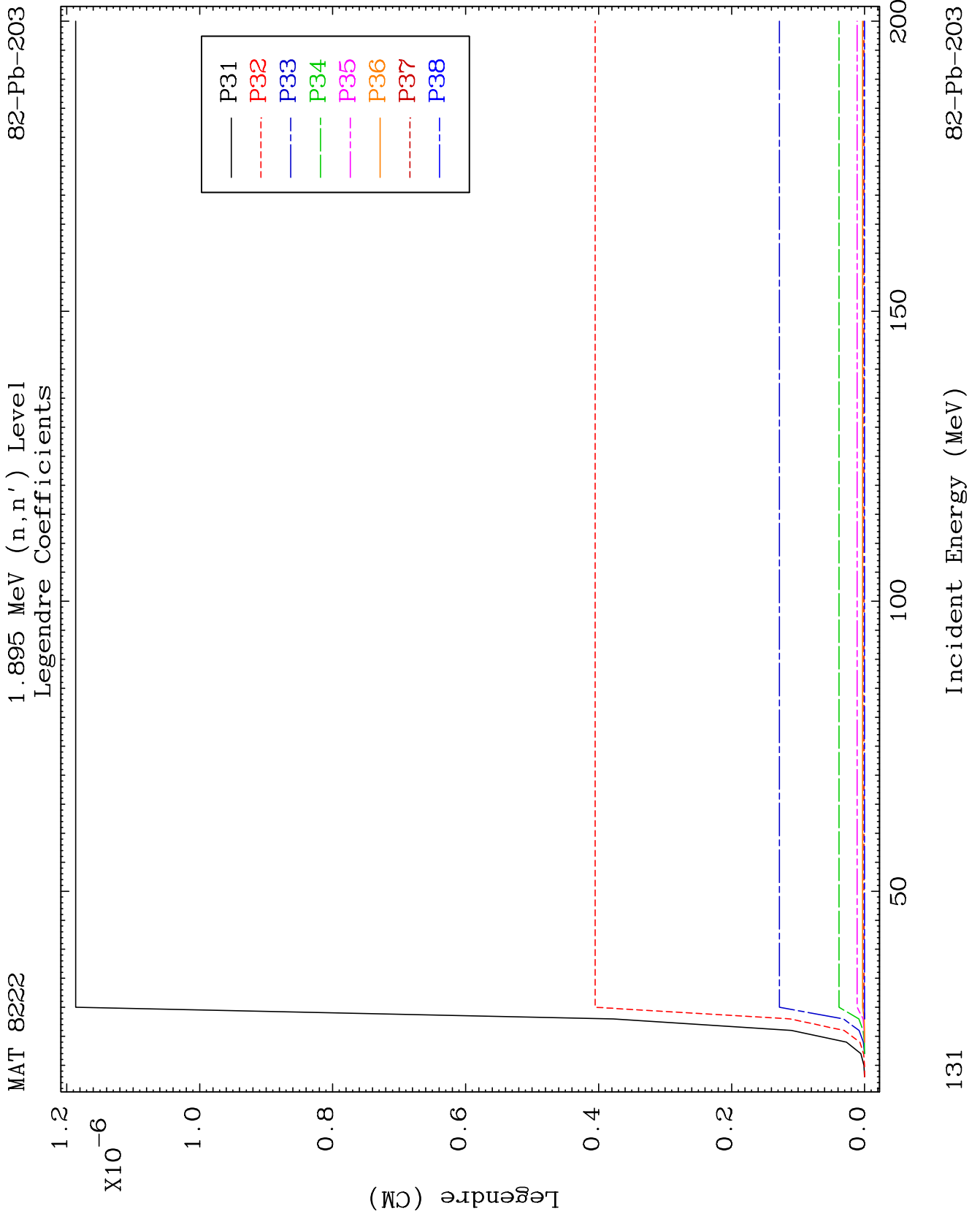


MAT 8222

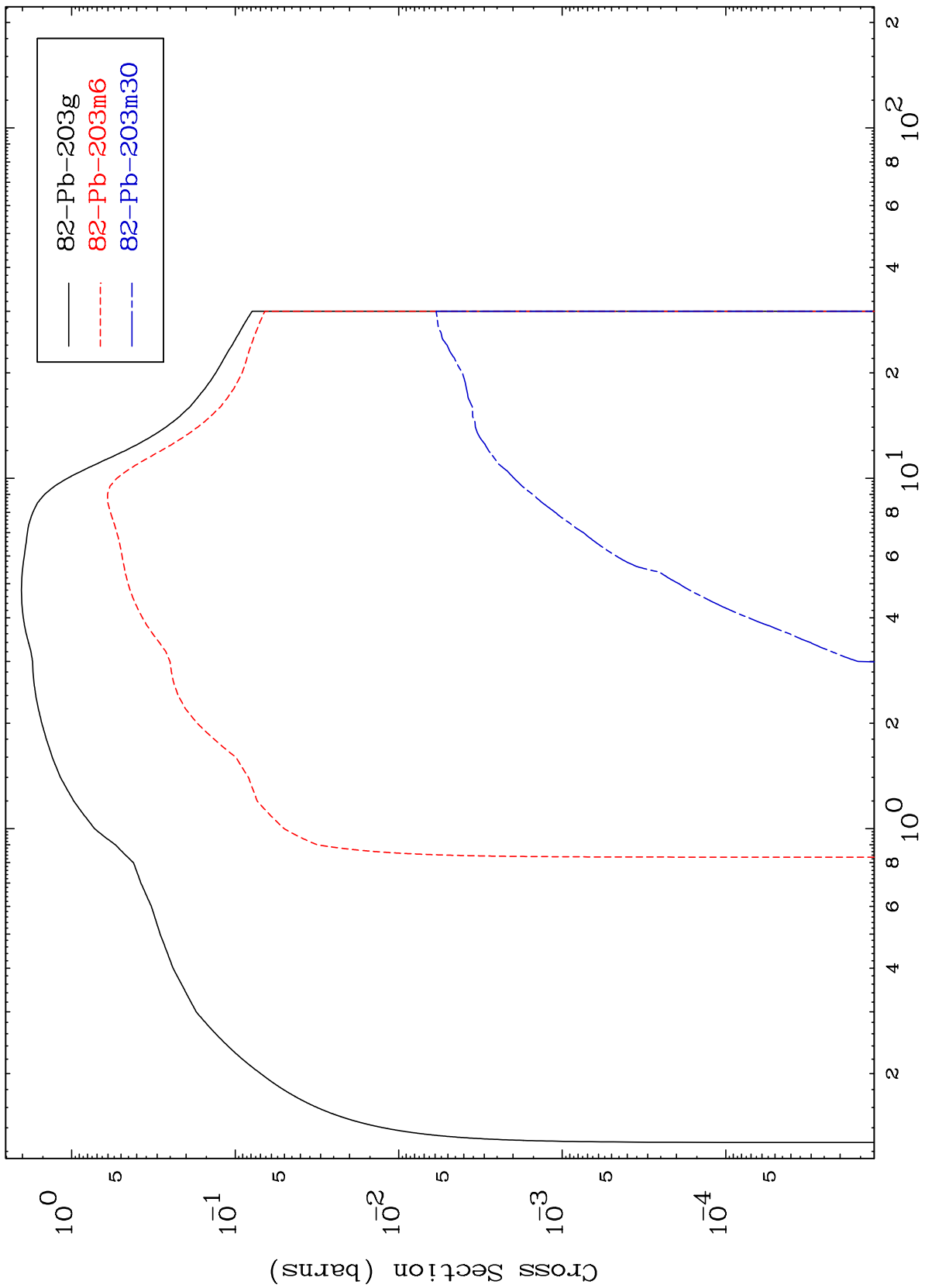
1.895 MeV (n,n') Level
Legendre Coefficients

82-Pb-203





Inelastic
Radionuclide Production Cross Section



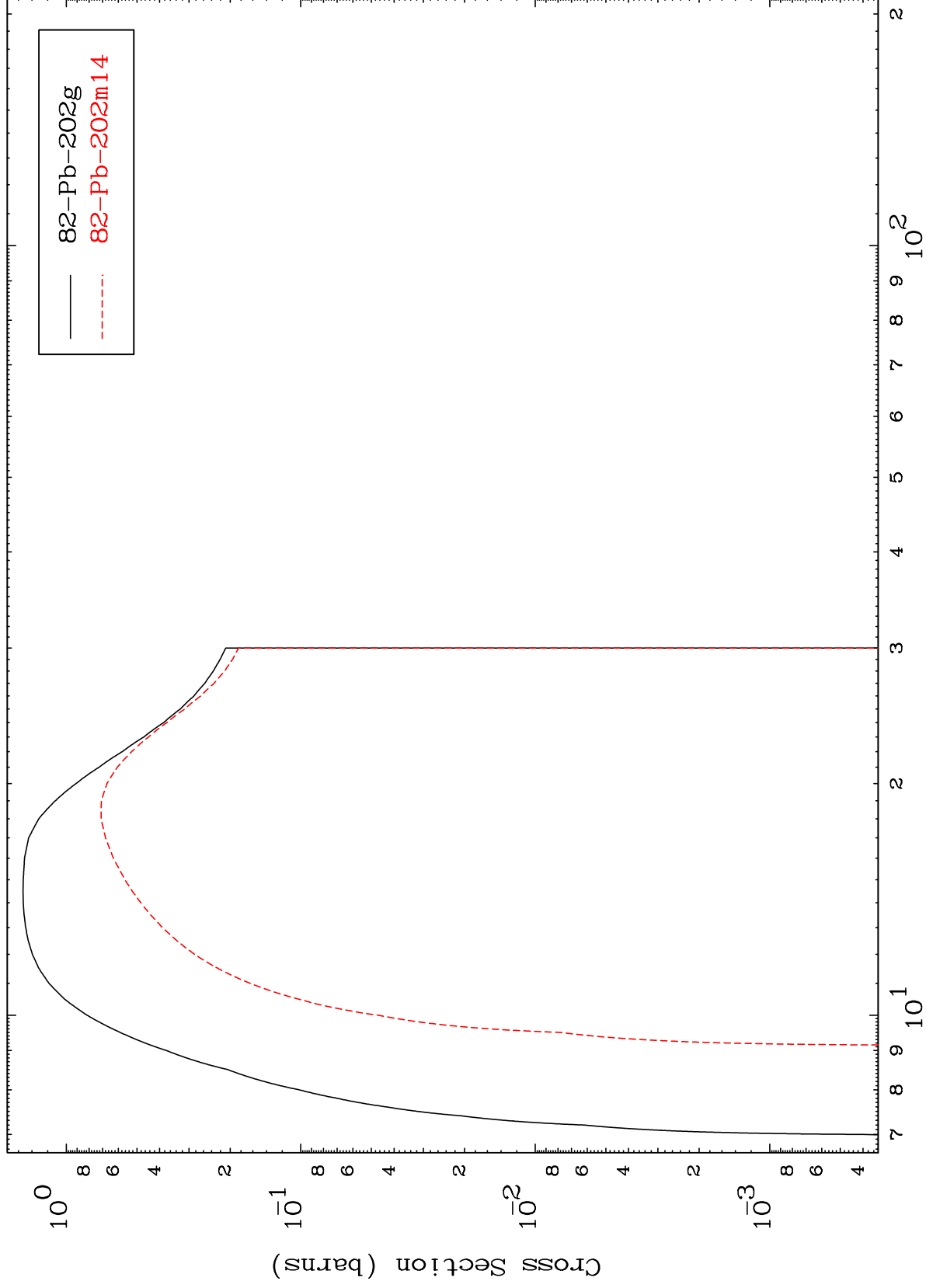
82-Pb-203g
82-Pb-203m6
82-Pb-203m30

MAT 82222

(n,2n)

82-Pb-203

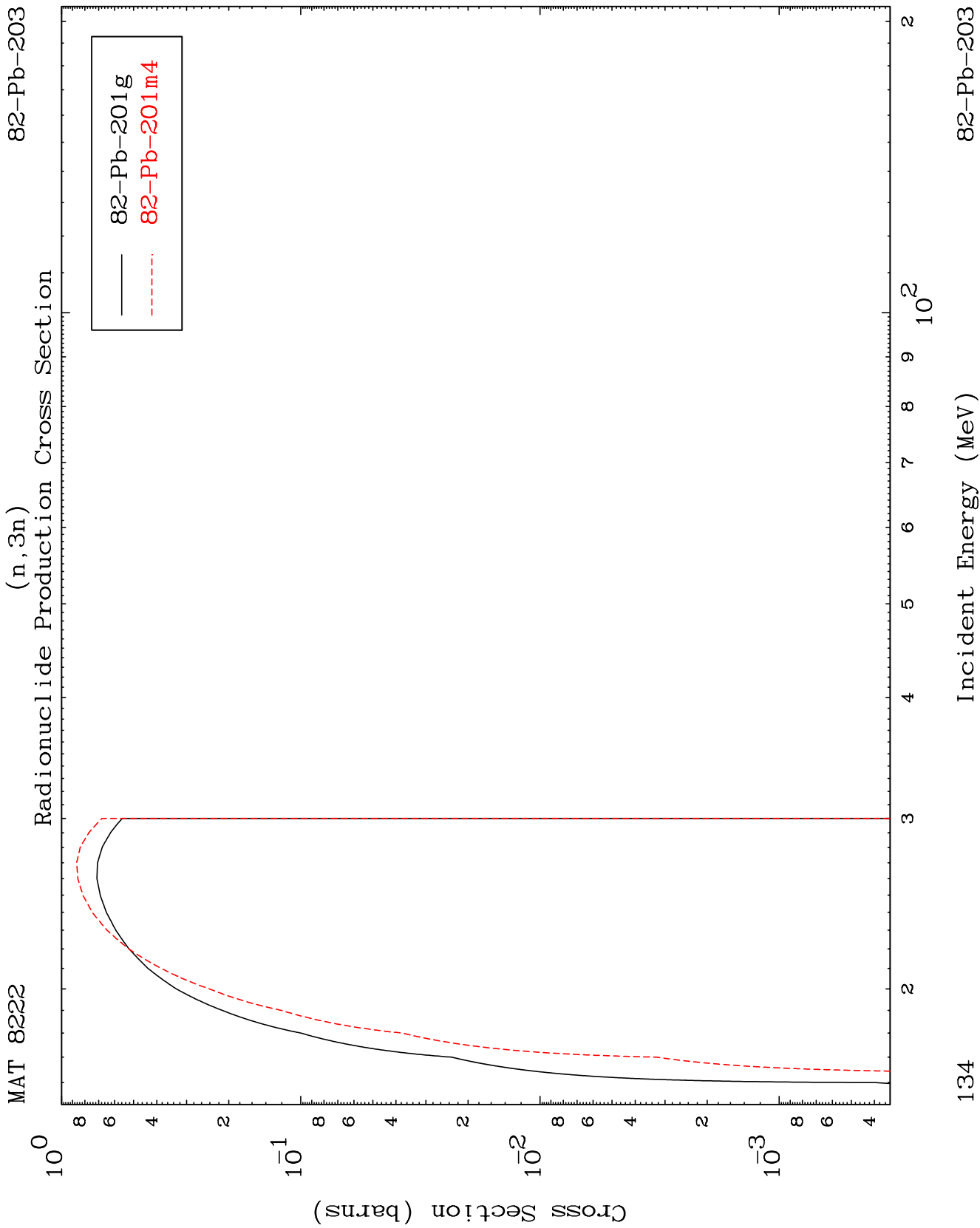
Radionuclide Production Cross Section



133

Incident Energy (MeV)

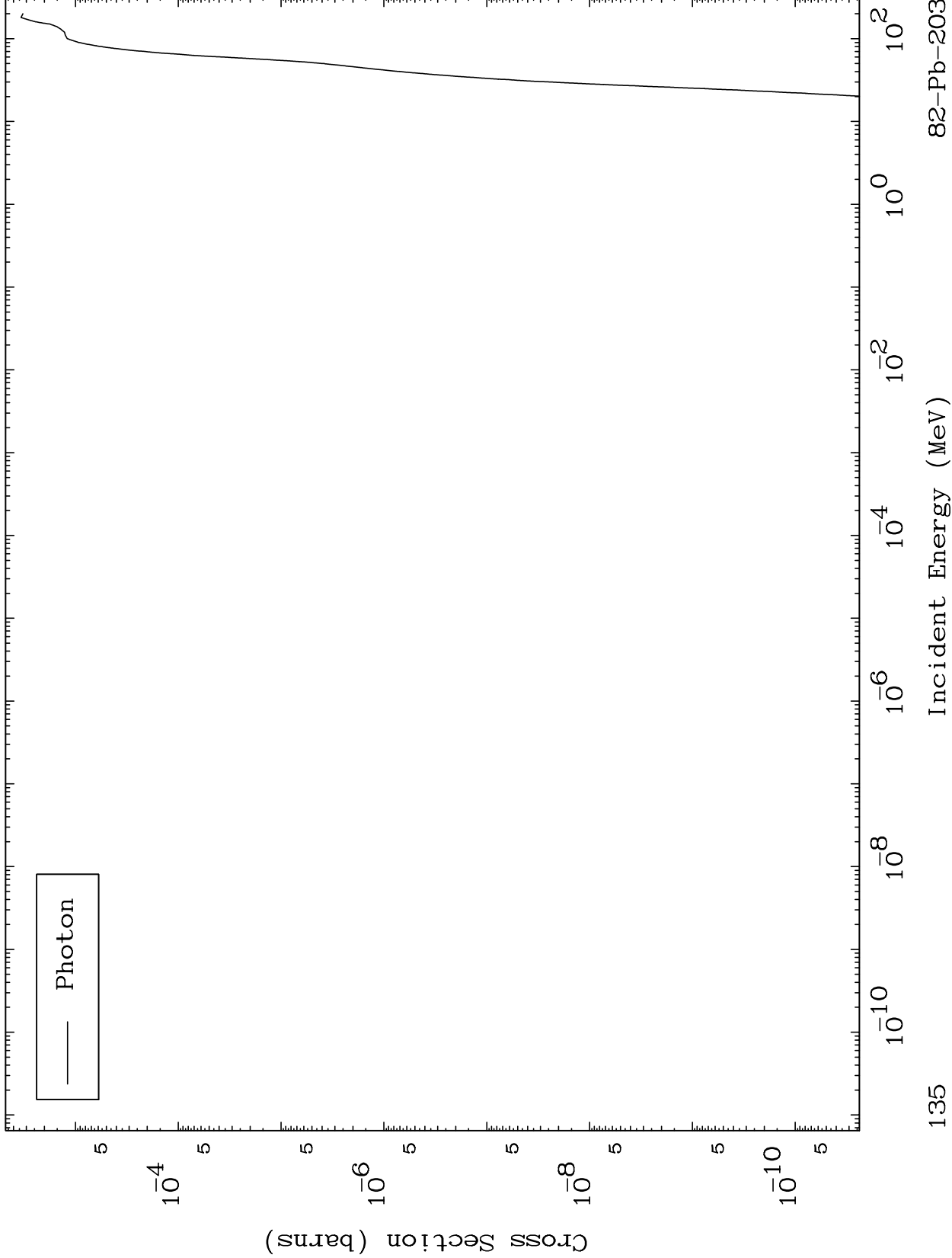
82-Pb-203



MAT 8222

Fission
Radionuclide Production Cross Section

82-Pb-203

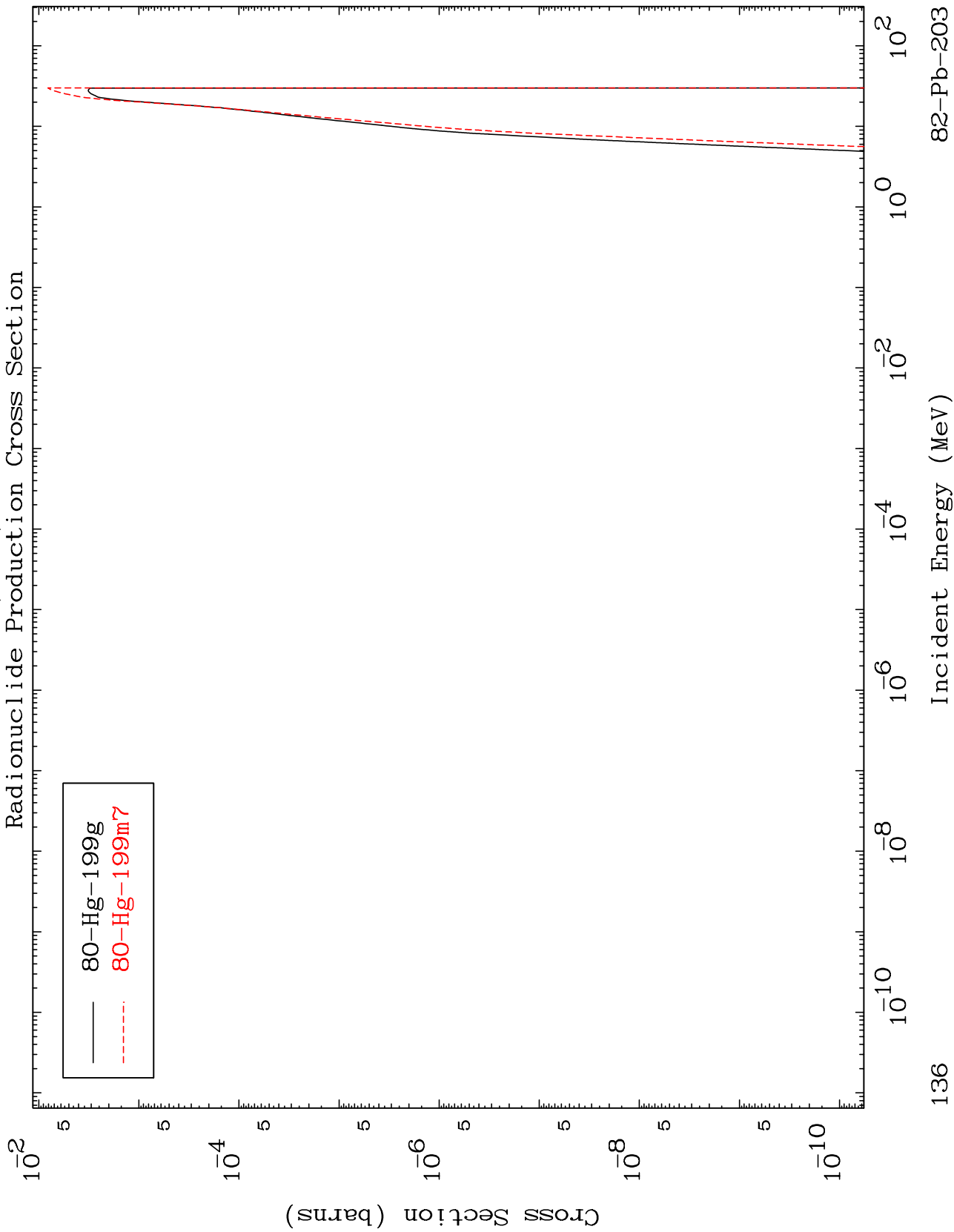


82-Pb-203

MAT 8222

$(n, n') \alpha$

82-Pb-203

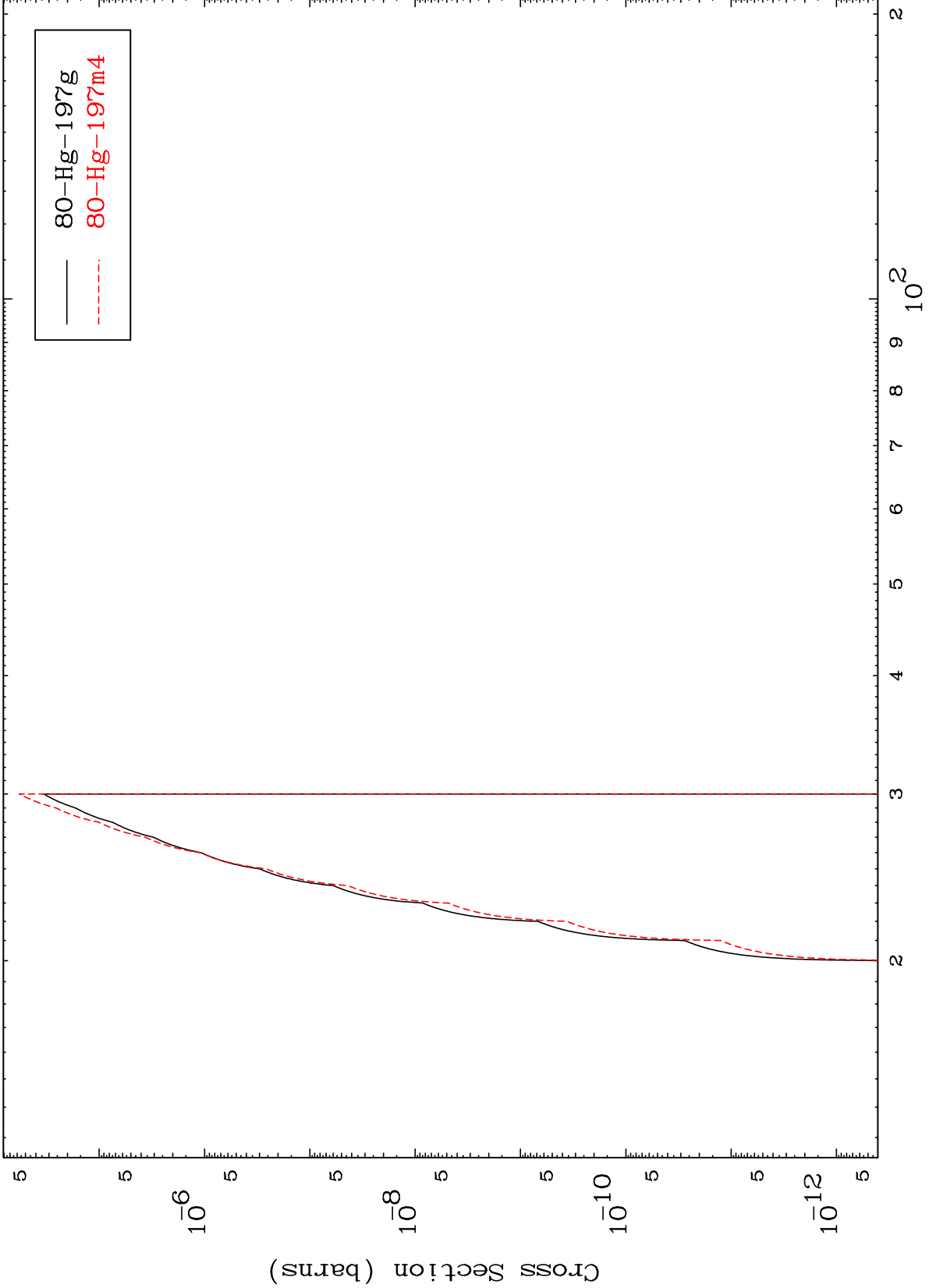


MAT 8222

(n,3n) α

82-Pb-203

Radionuclide Production Cross Section



137

Incident Energy (MeV)

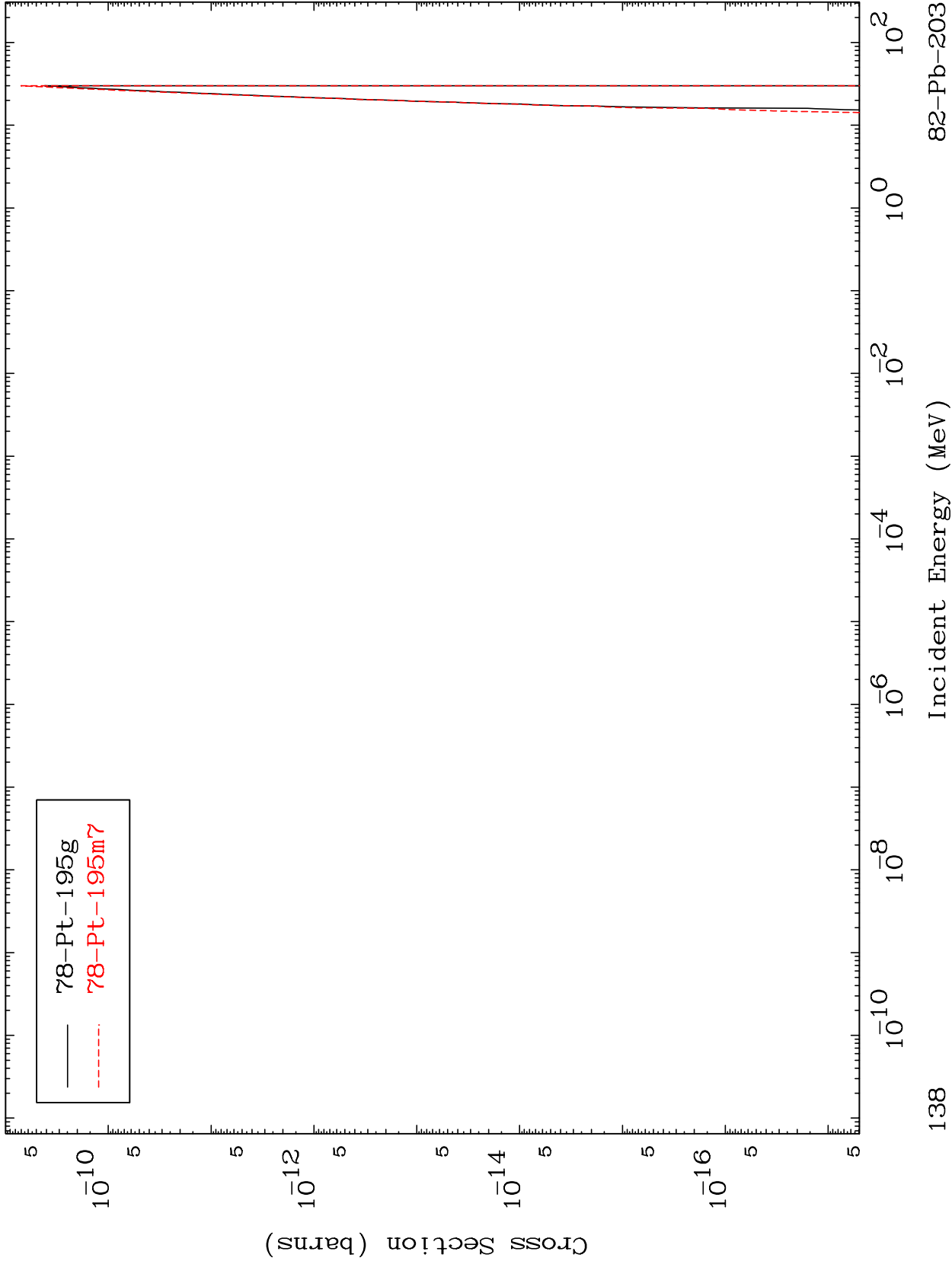
82-Pb-203

MAT 8222

(n,n') 2α

82-Pb-203

Radionuclide Production Cross Section



138

Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,n') p α

82-Pb-203

Radionuclide Production Cross Section



79-Au-198g
79-Au-198m10

139

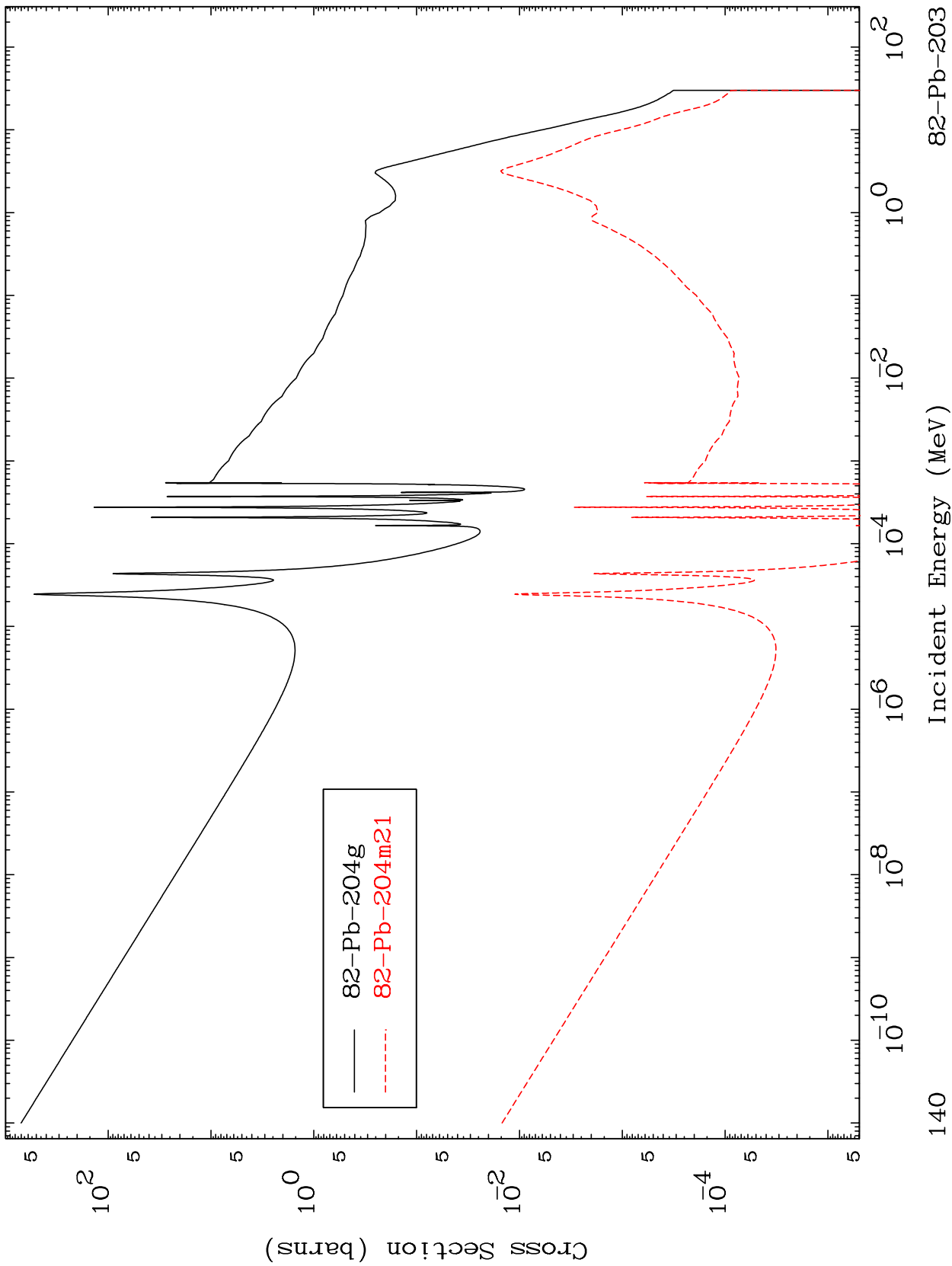
Incident Energy (MeV)

82-Pb-203

MAT 82222

82-Pb-203

Radionuclide Production Cross Section
(n, γ)



140

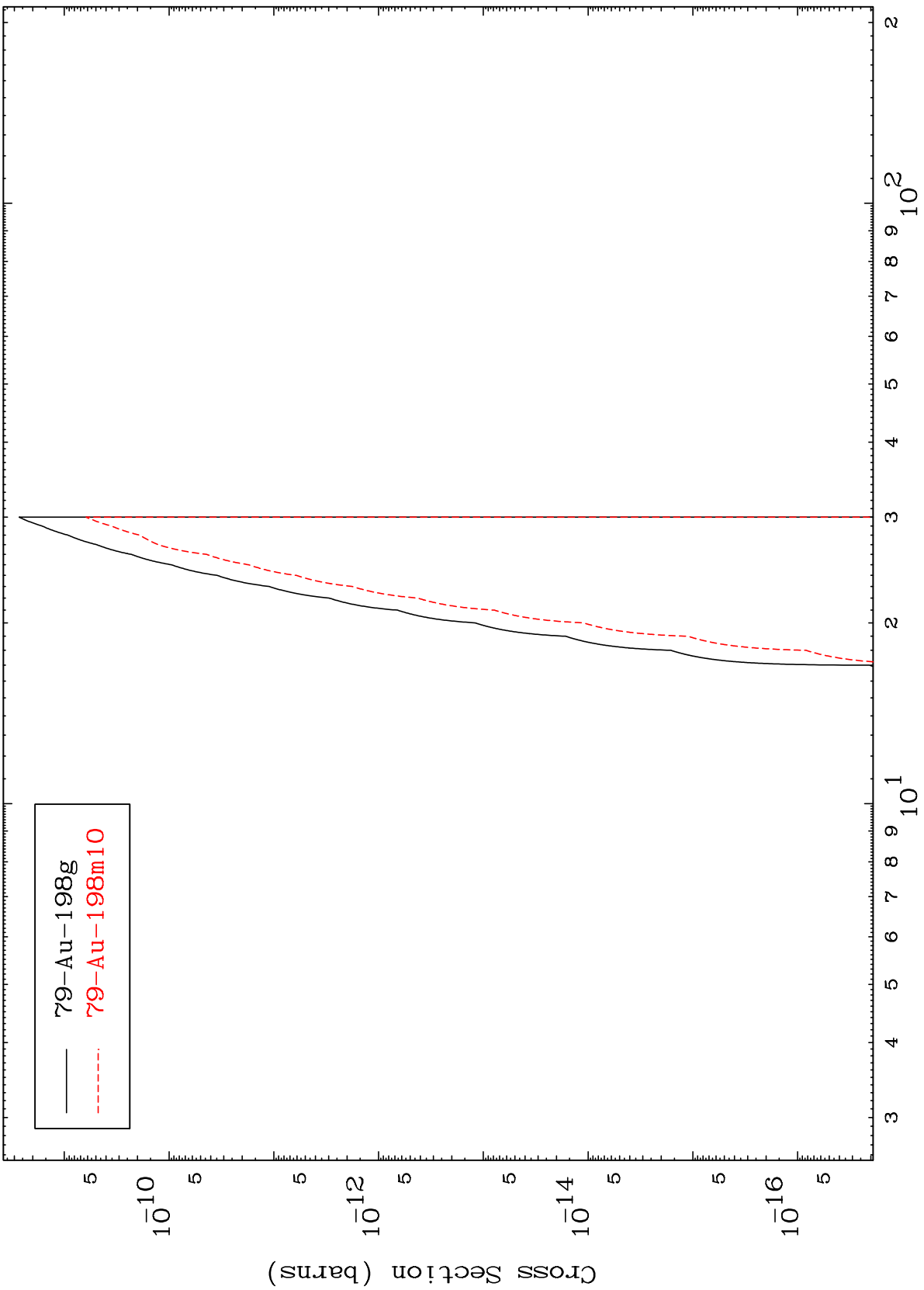
82-Pb-203

MAT 8222

(n,d) α

82-Pb-203

Radionuclide Production Cross Section



141

Incident Energy (MeV)

82-Pb-203