

Program EVALPLOT  
(Version 2021-1)

by

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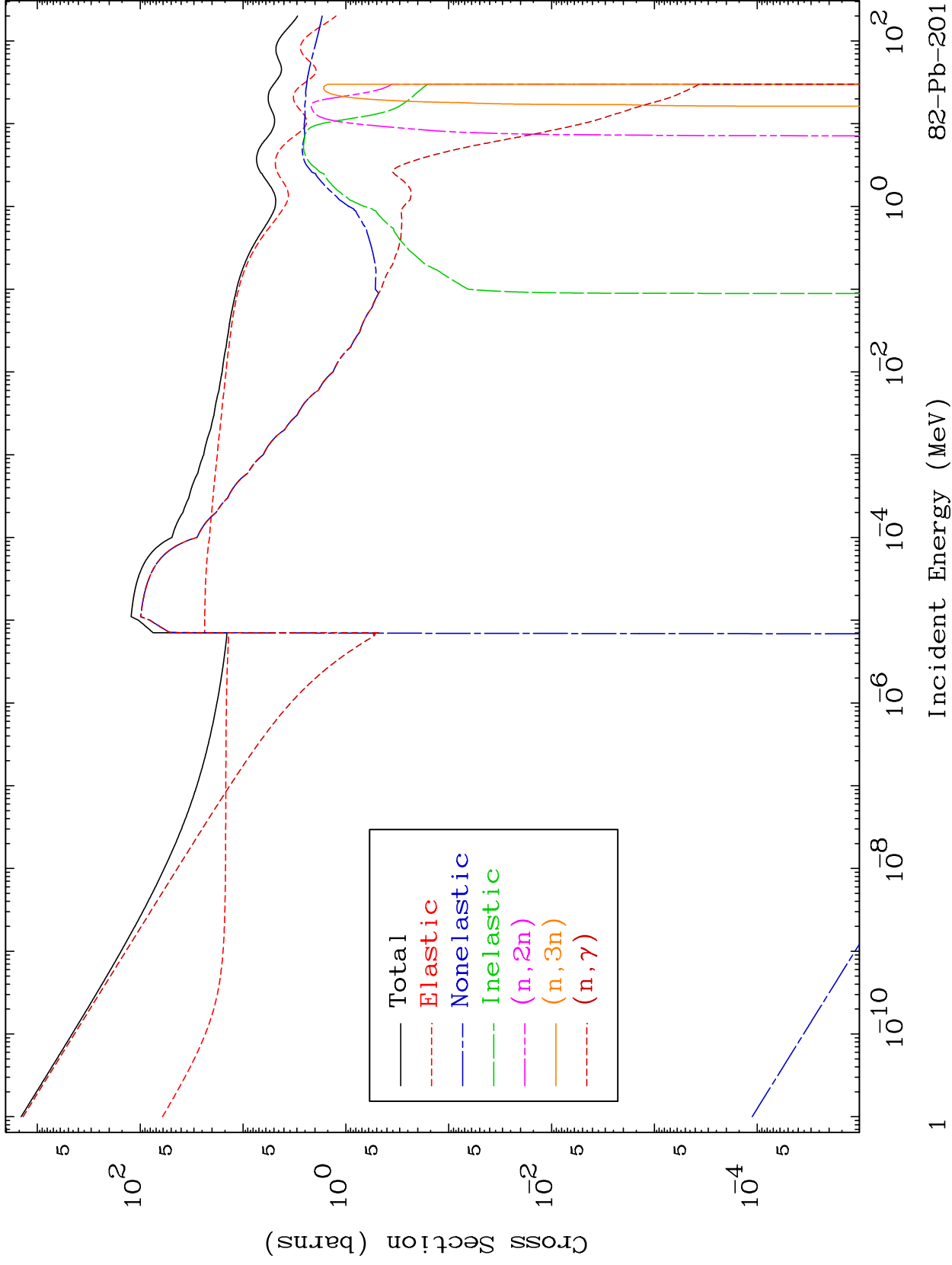
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8216

Neutron Major  
293 Kelvin Cross Sections

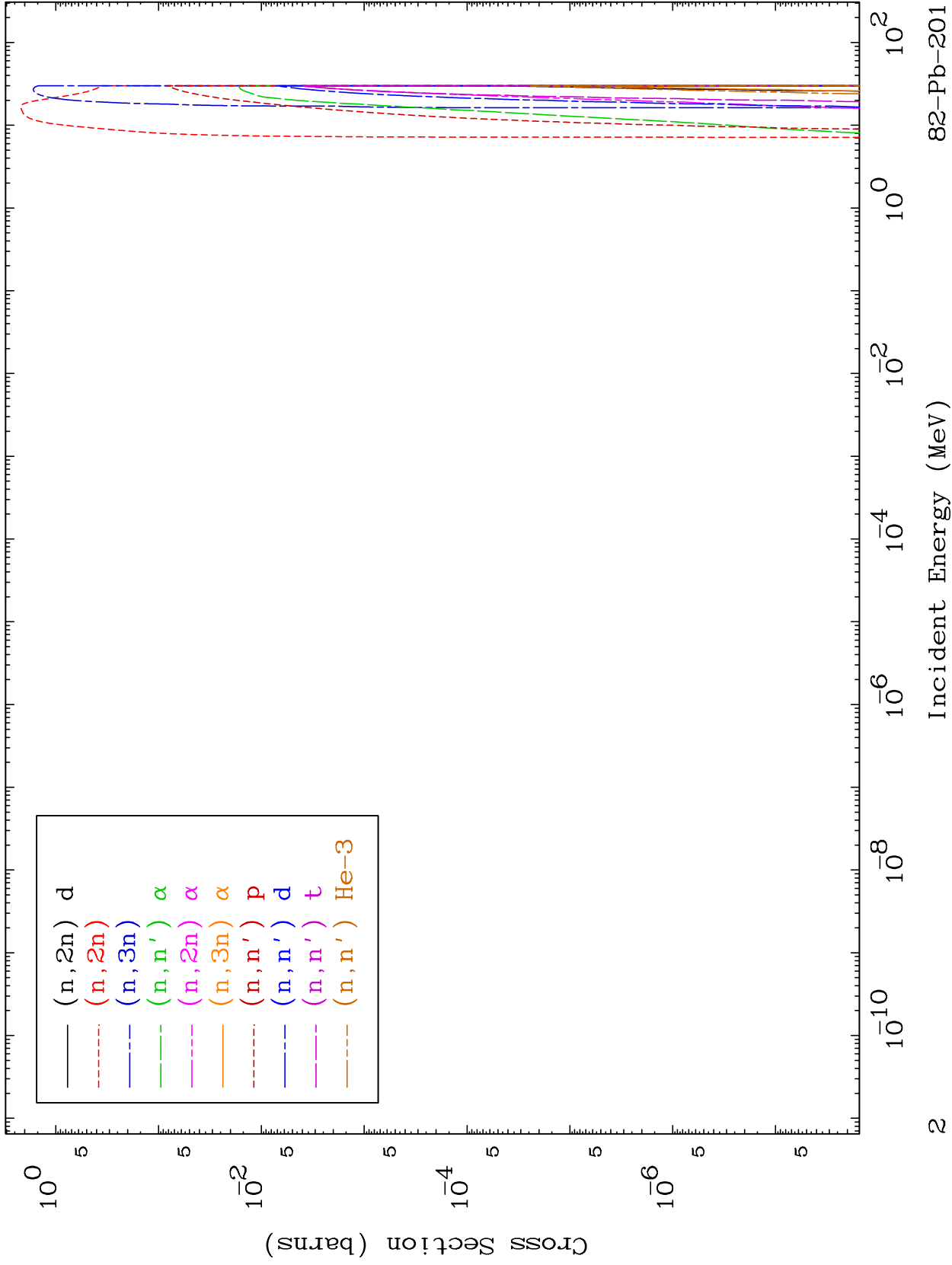
82-Pb-201



MAT 8216

Neutron Absorption  
293 Kelvin Cross Sections

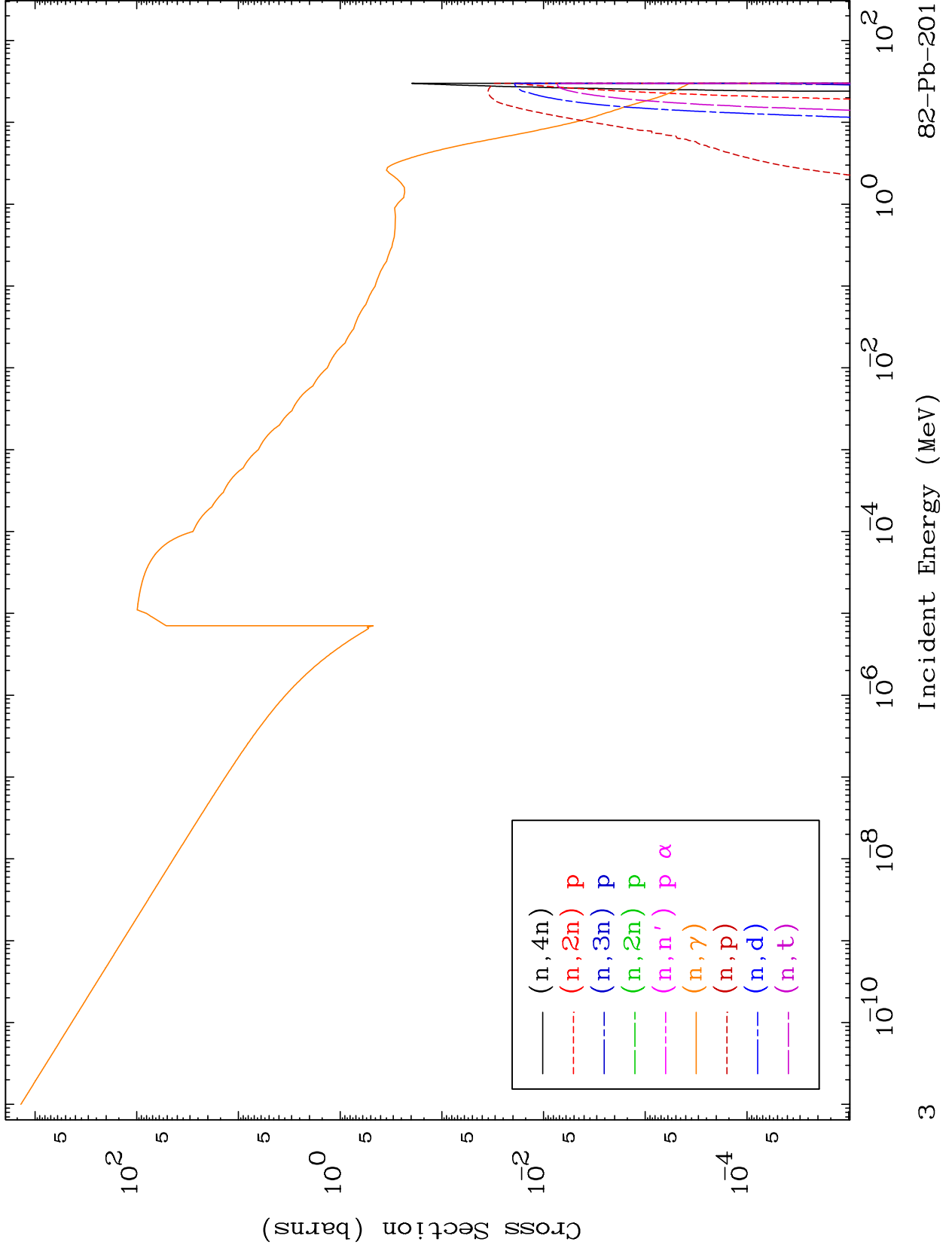
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MAT 8216

Neutron Absorption  
293 Kelvin Cross Sections

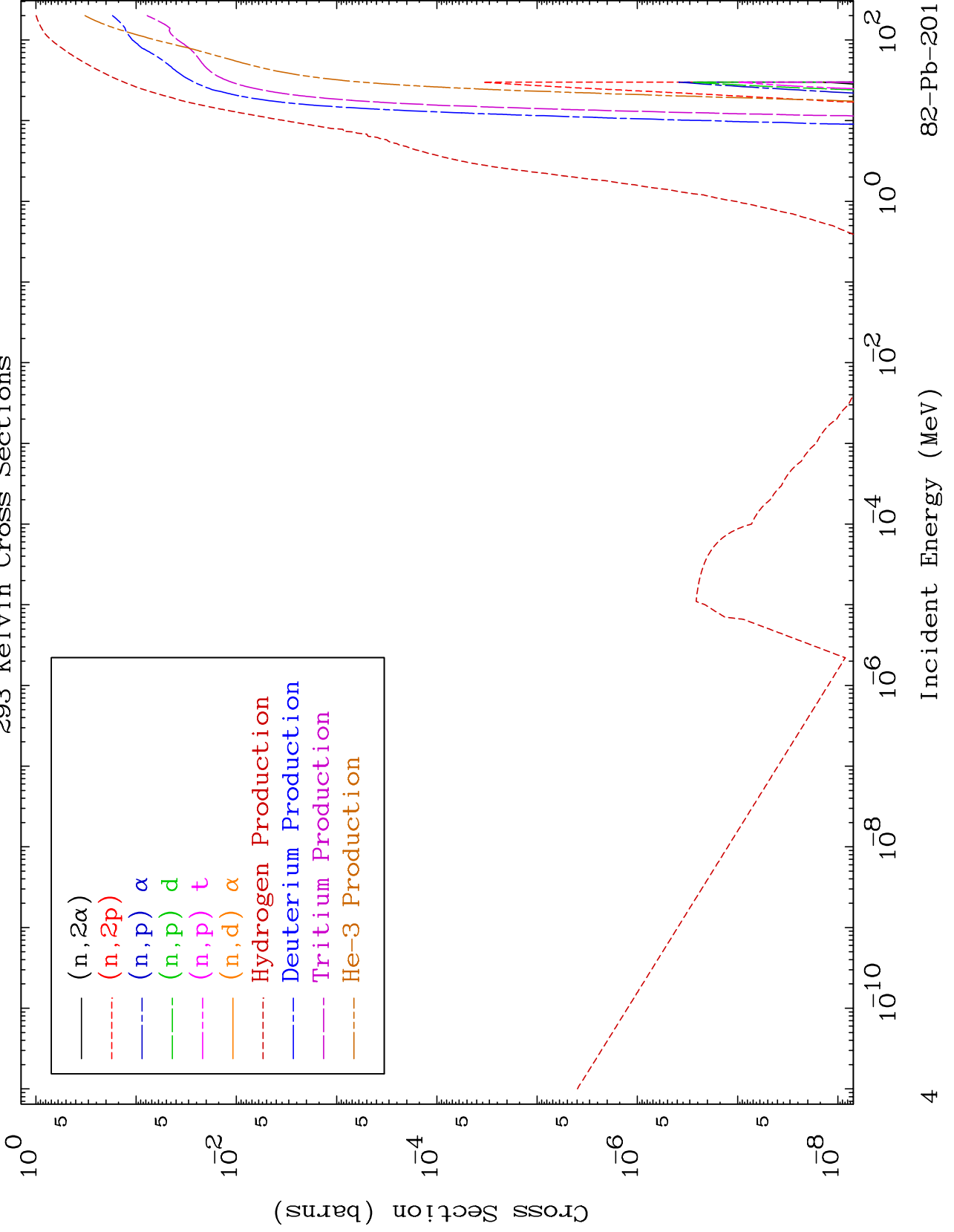
82-Pb-201



MAT 8216

Neutron Absorption  
293 Kelvin Cross Sections

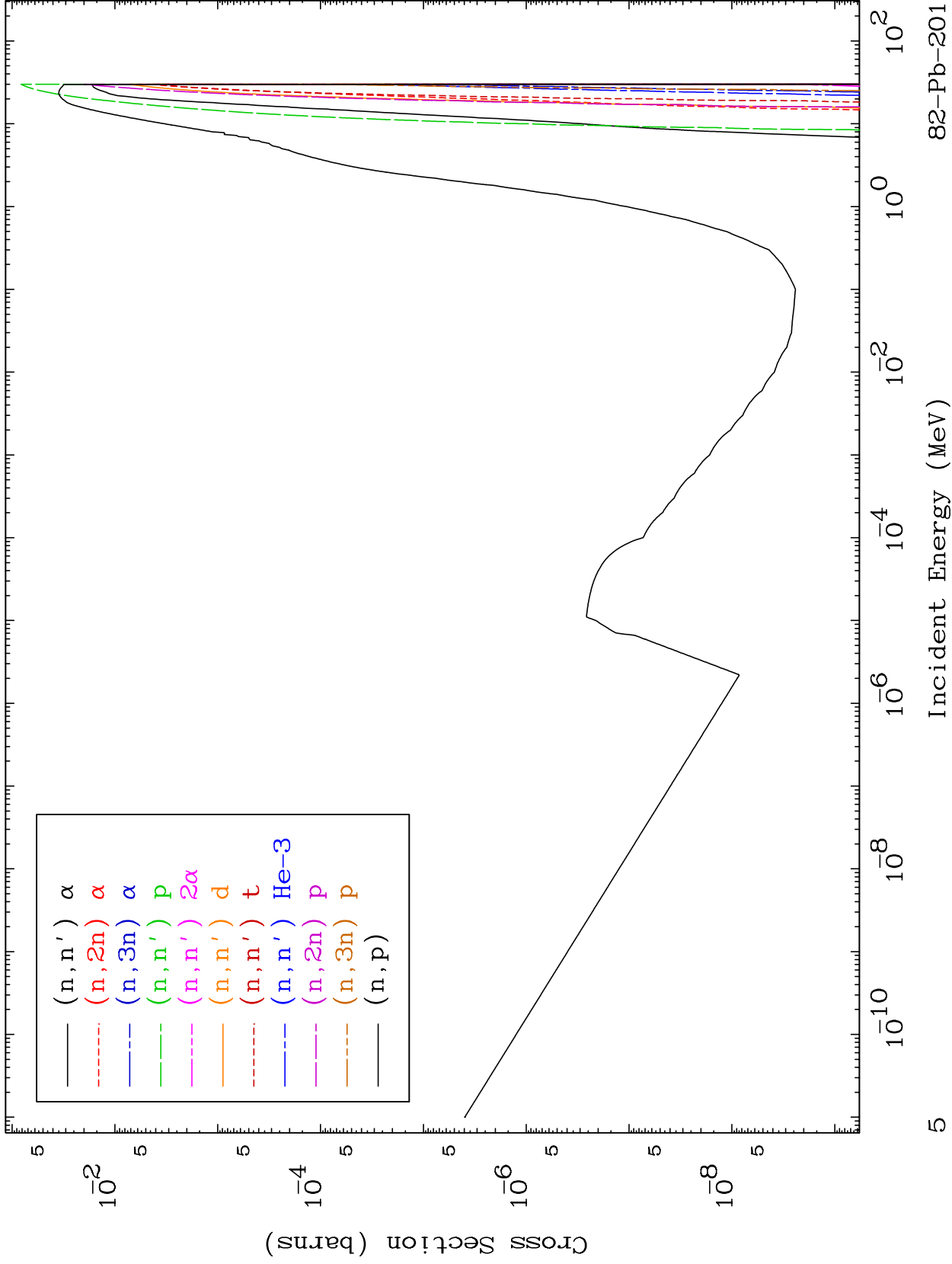
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MAT 8216

Charged Particle  
293 Kelvin Cross Sections

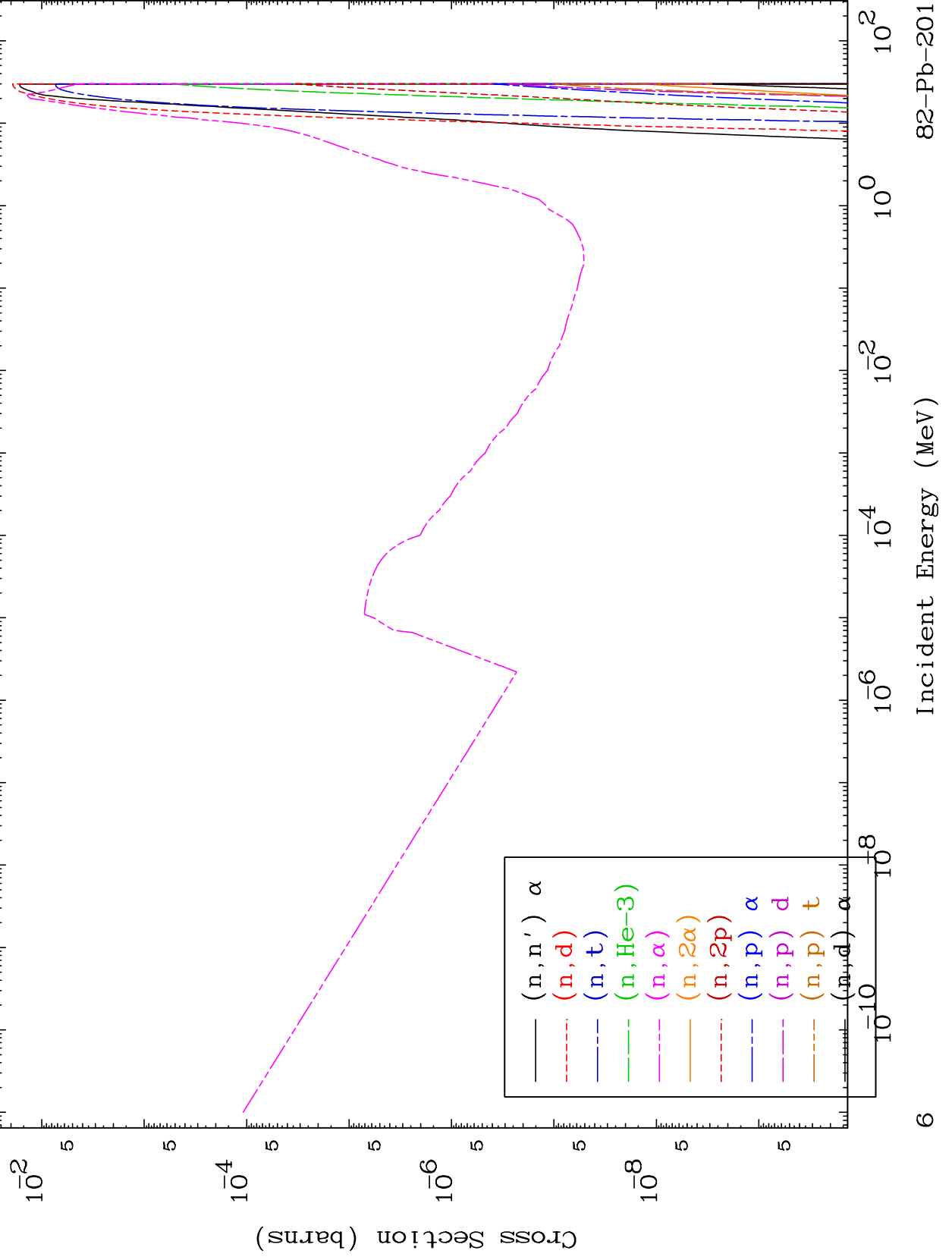
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MAT 8216

Charged Particle  
293 Kelvin Cross Sections

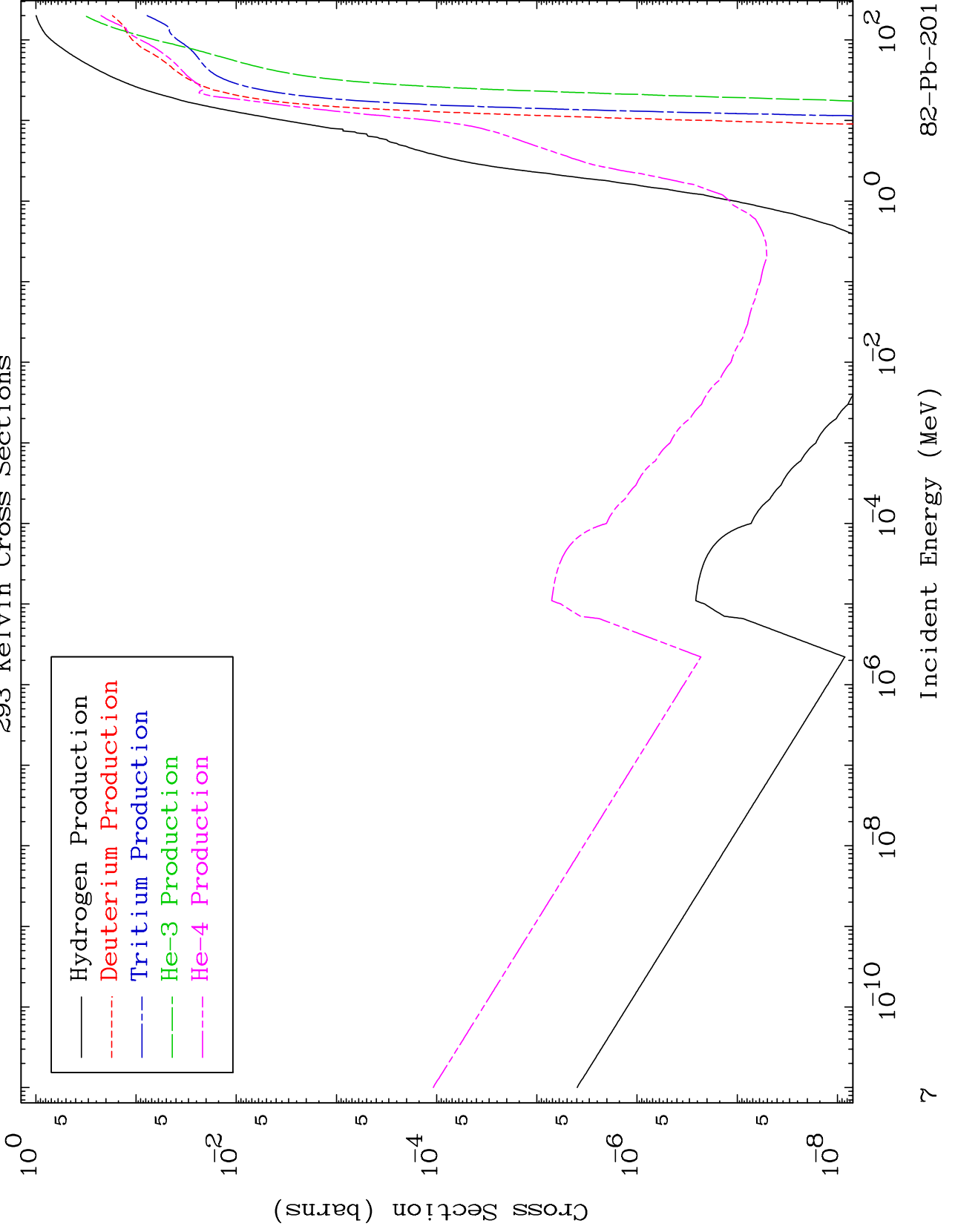
82-Pb-201



MAT 8216

Particle Production  
293 Kelvin Cross Sections

82-Pb-201

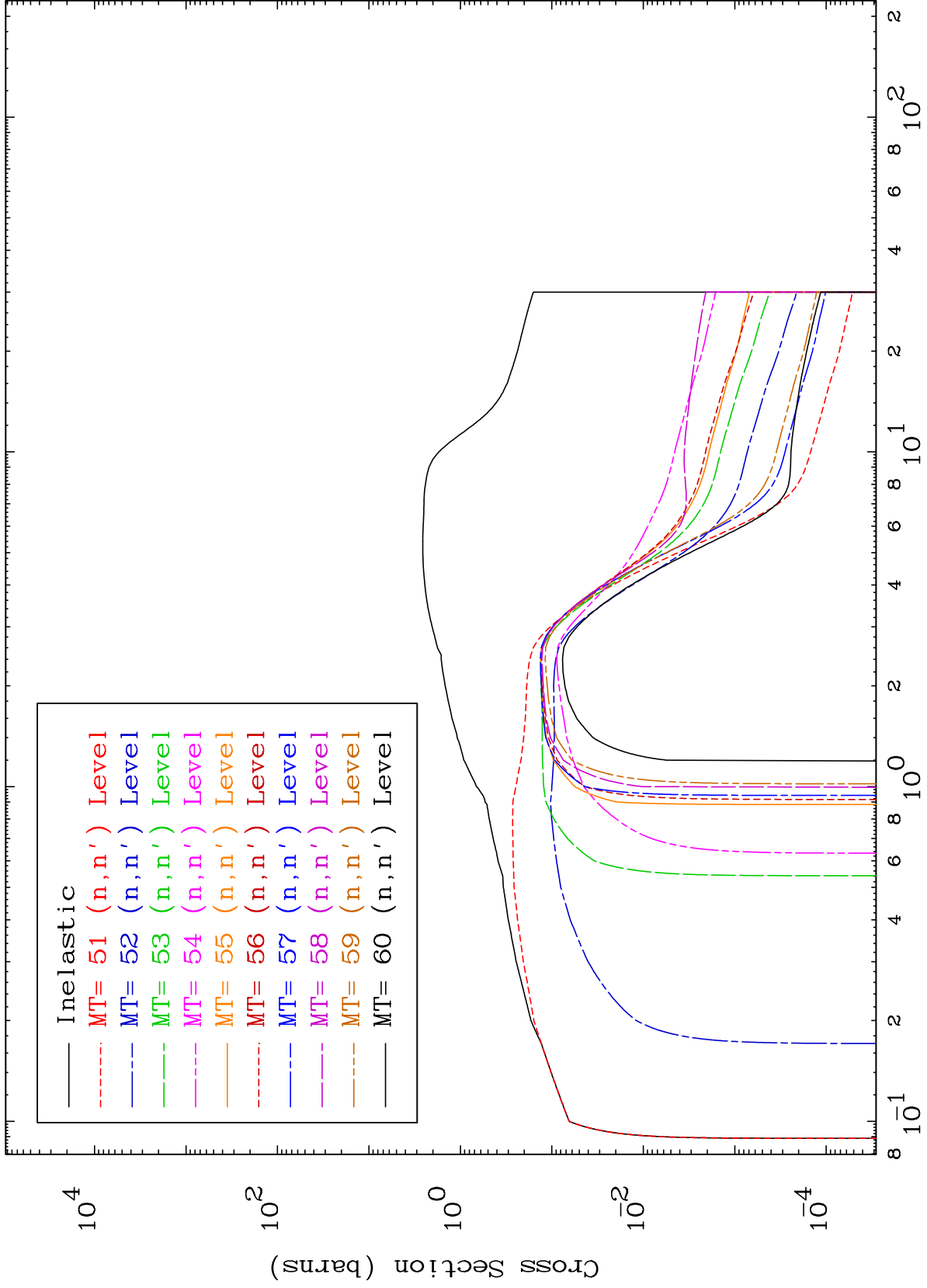




MAT 8216

(n,n') Levels  
293 Kelvin Cross Sections

82-Pb-201



8

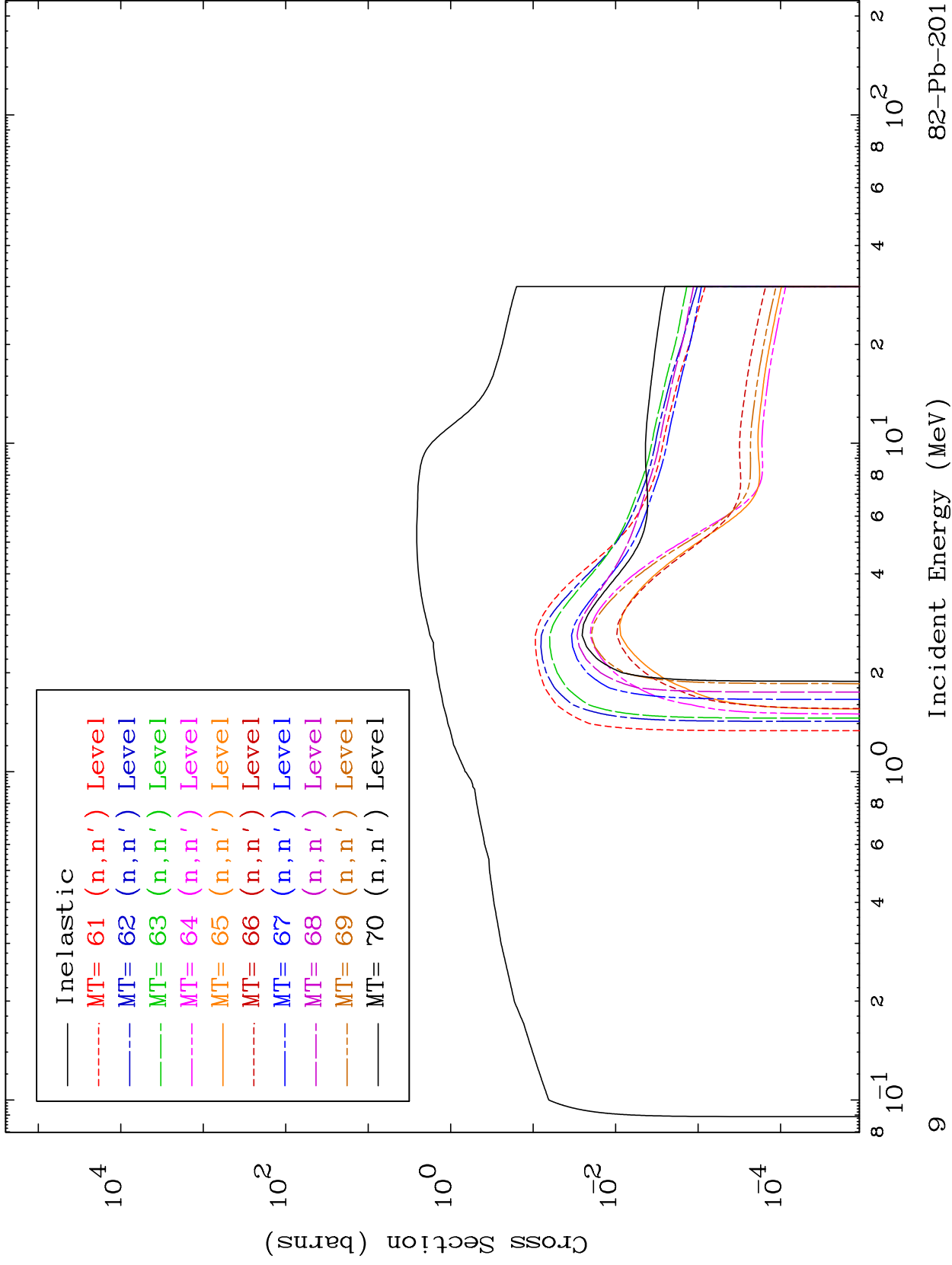
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,n') Levels  
293 Kelvin Cross Sections

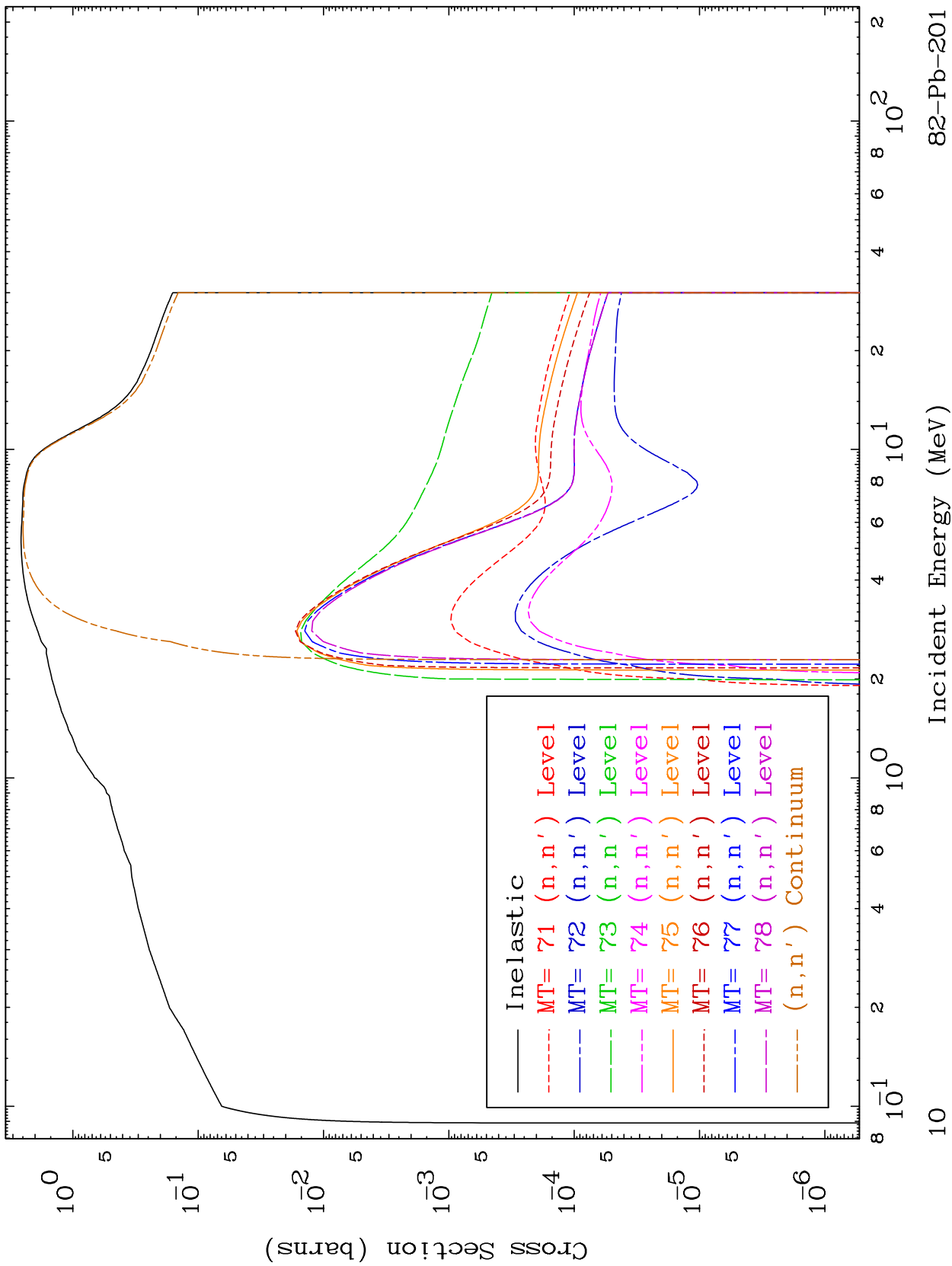
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MAT 8216

82-Pb-201

293 Kelvin Cross Sections  
(n,n') Levels



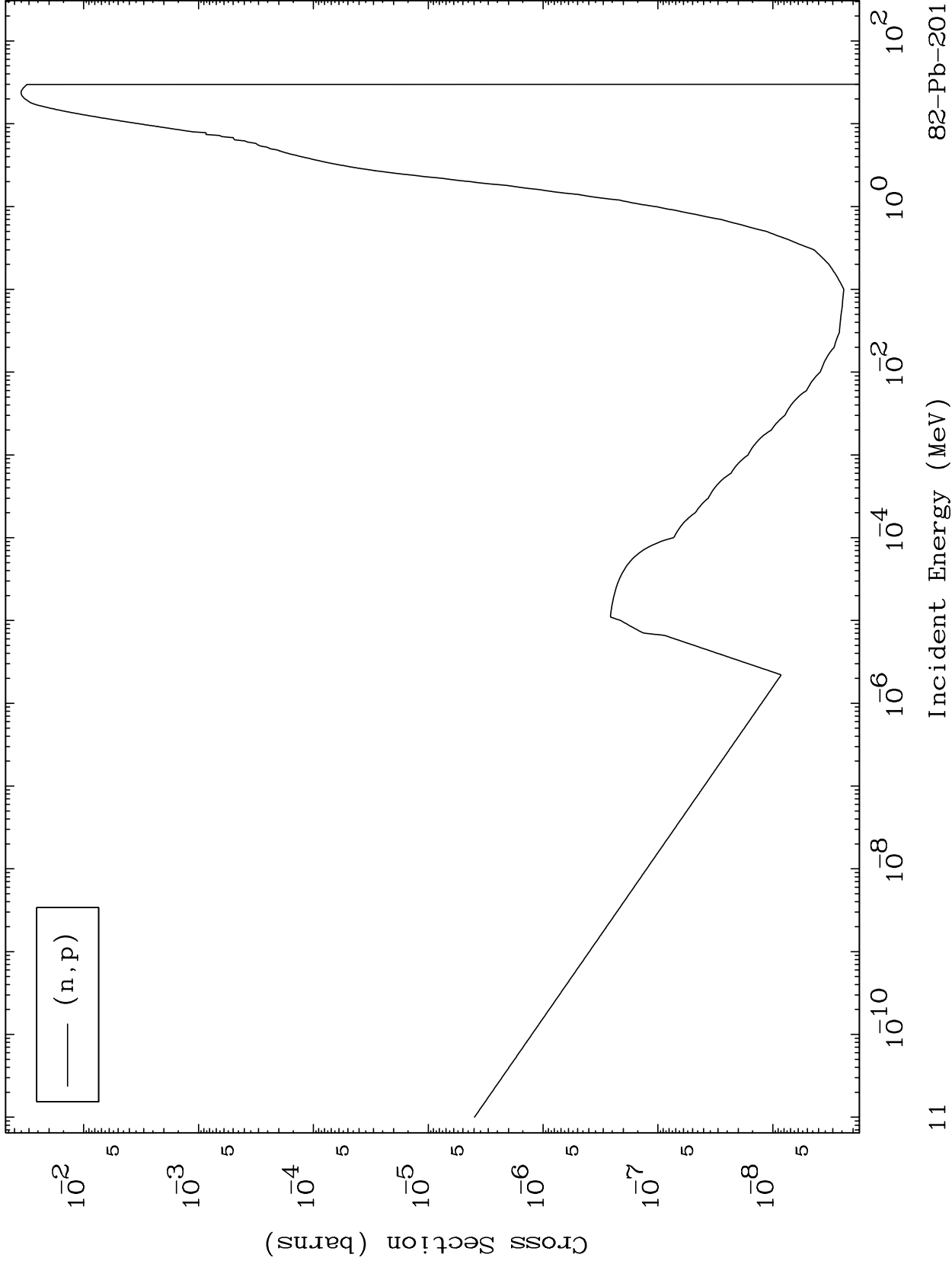
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Incident Energy (MeV)

MAT 8216

(n,p) Levels  
293 Kelvin Cross Sections

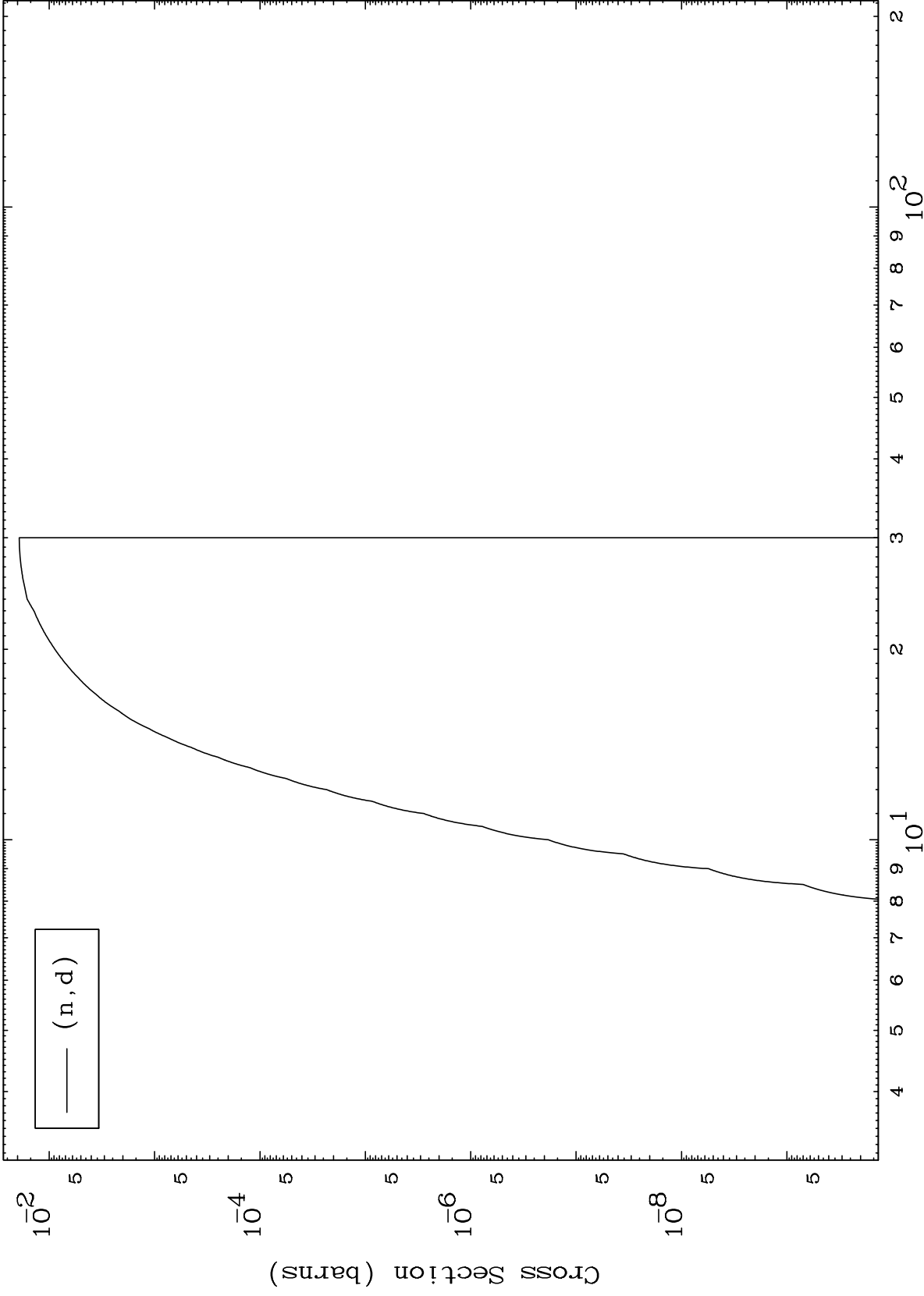
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MAT 8216

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-201



12

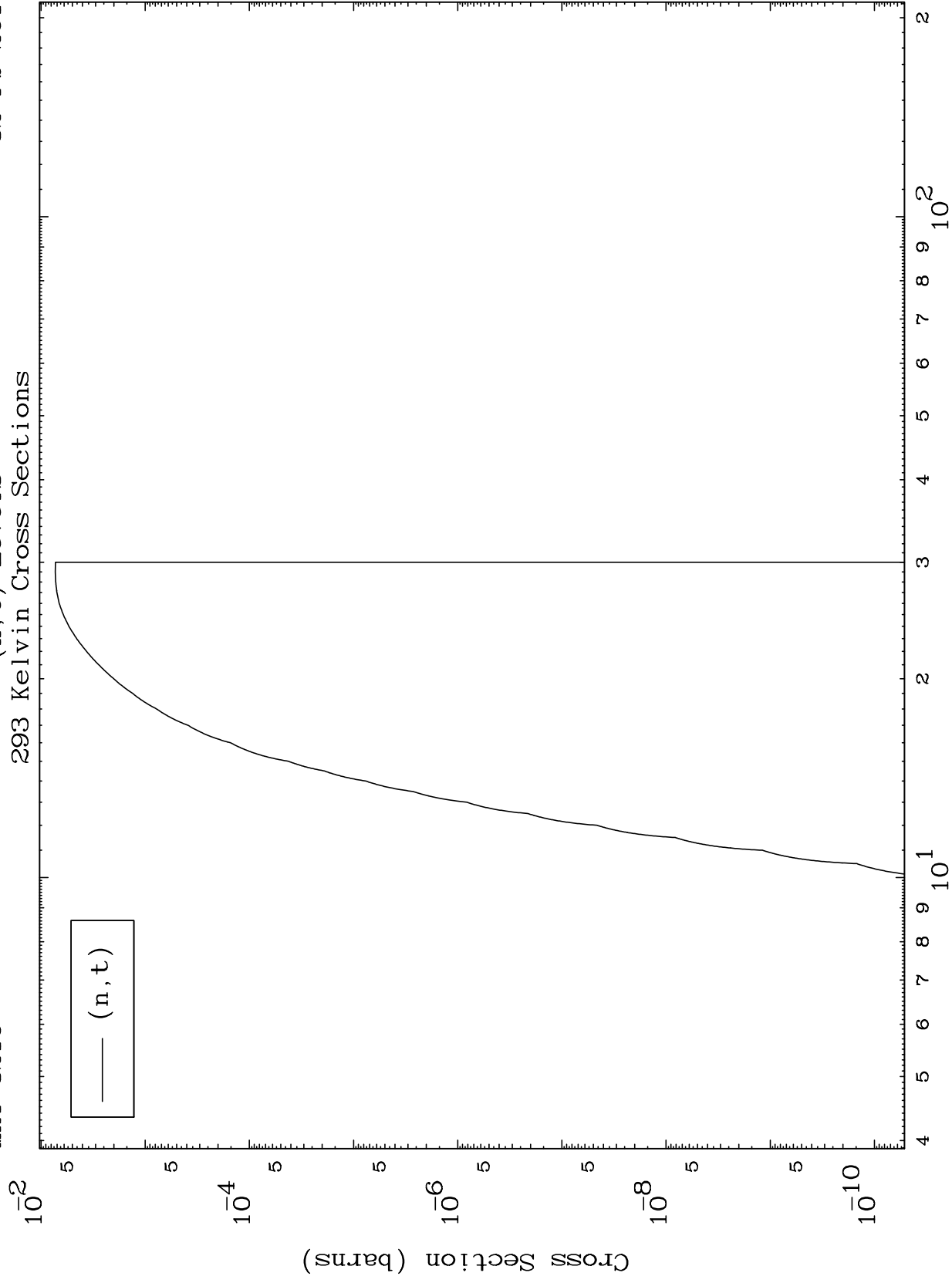
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-201



13

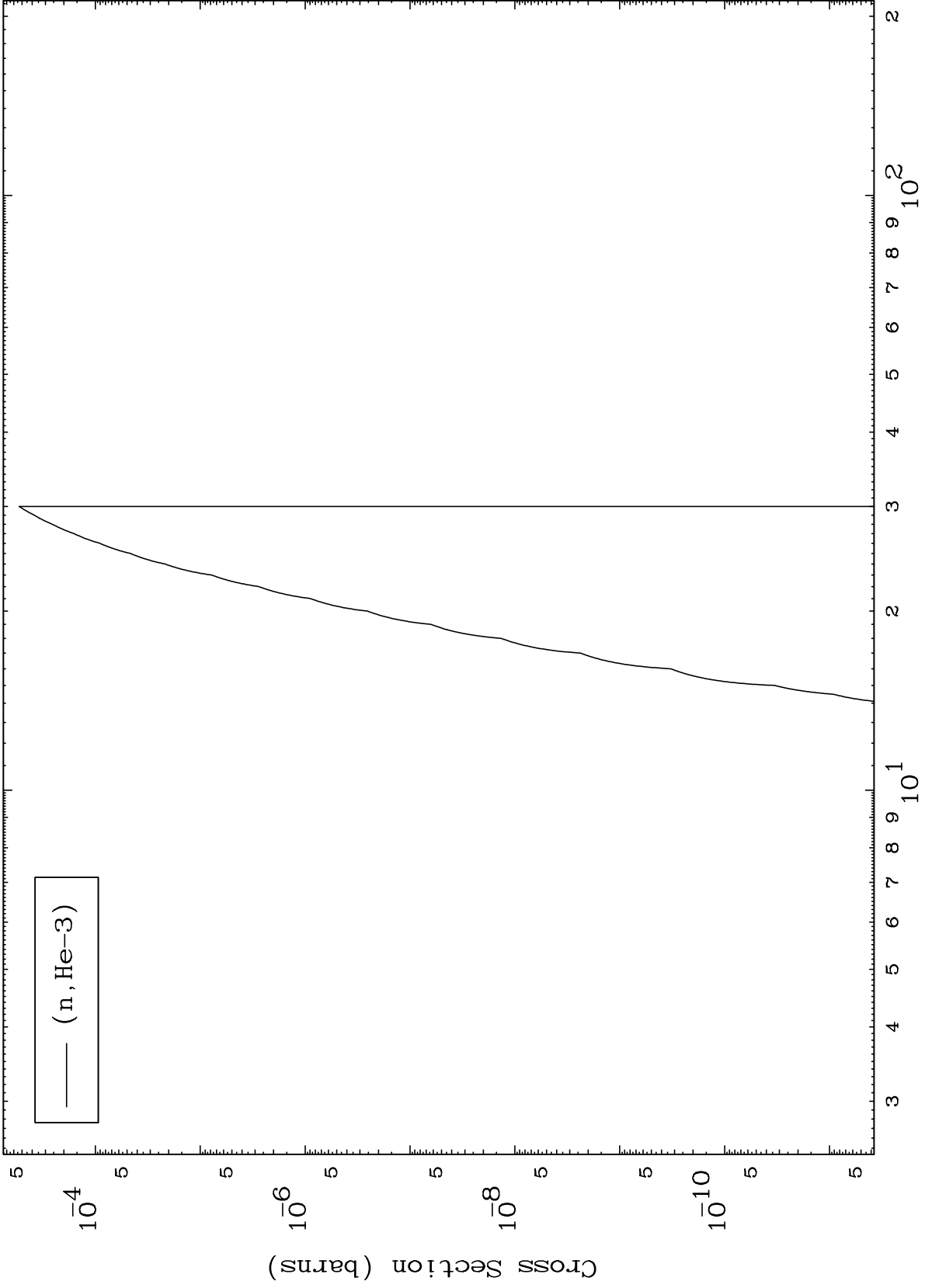
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-201



14

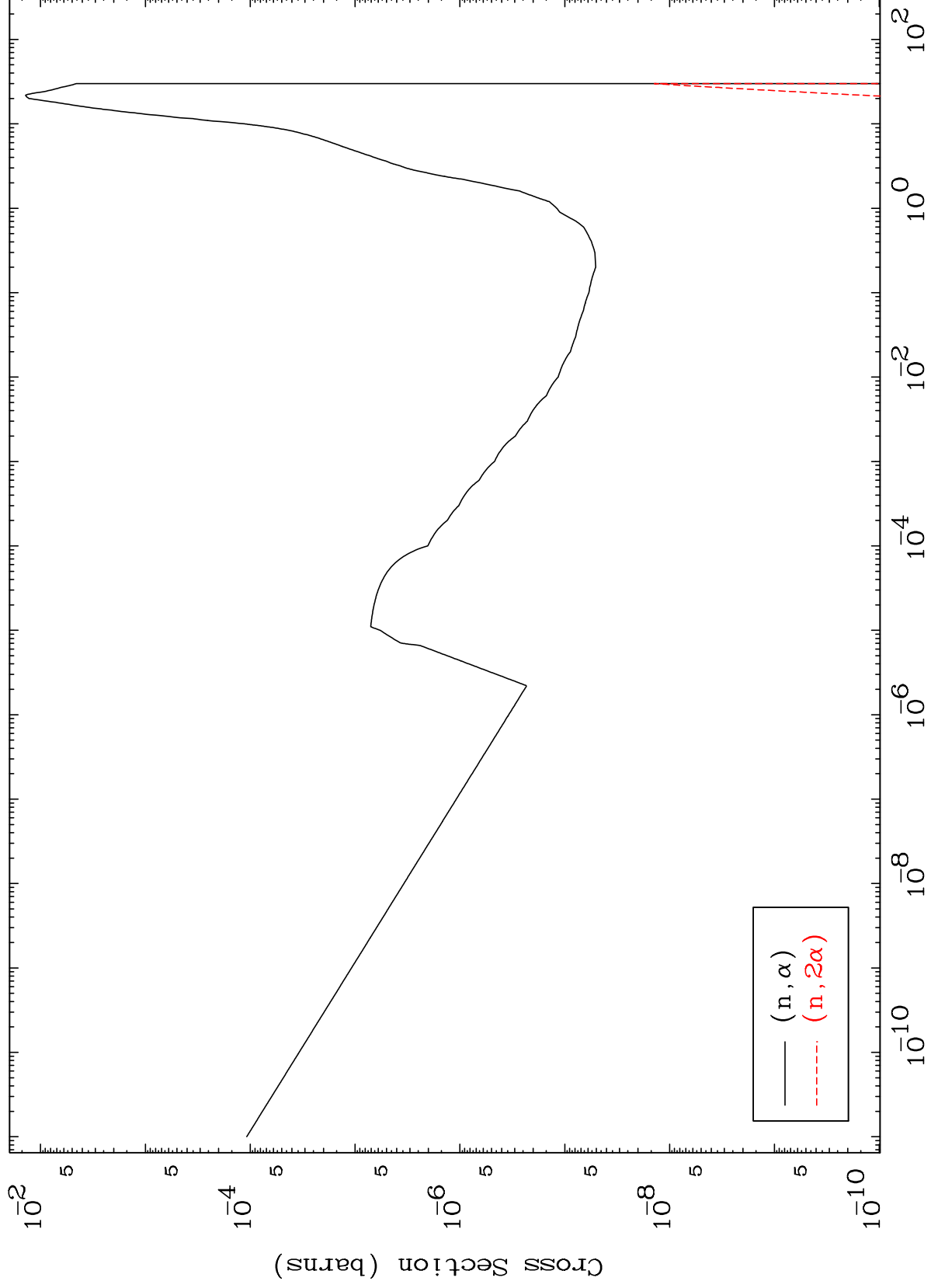
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

82-Pb-201

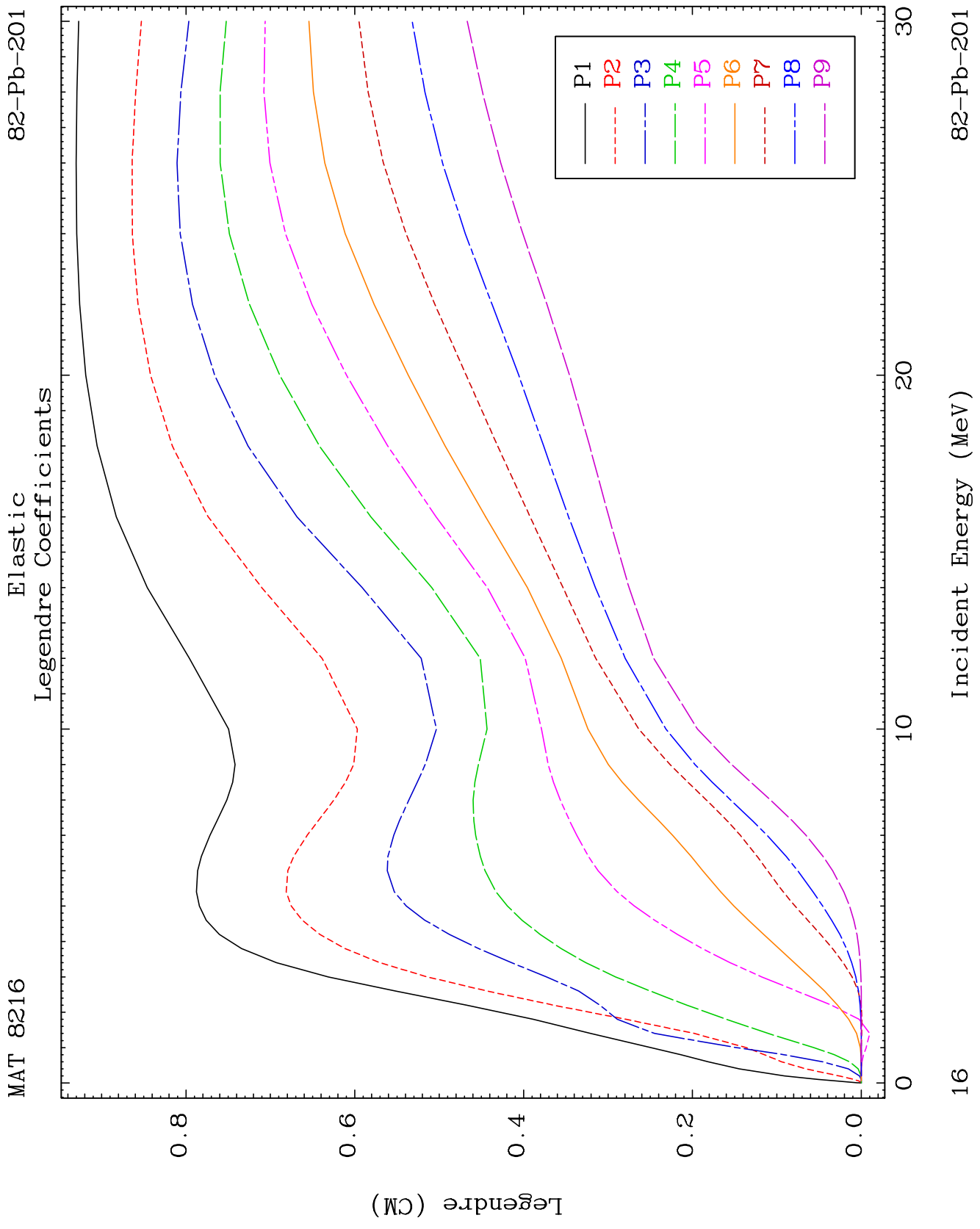


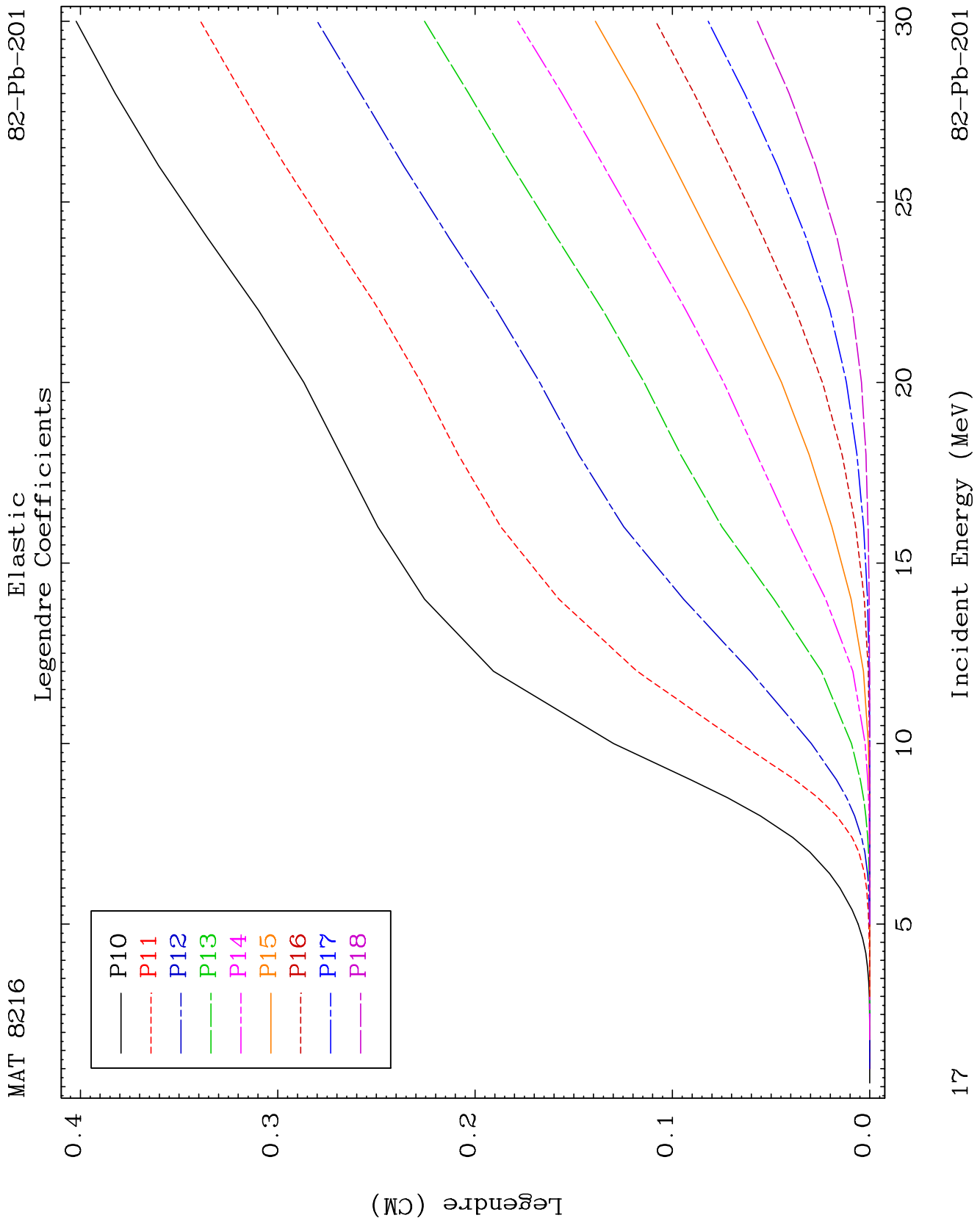
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Incident Energy (MeV)

82-Pb-201



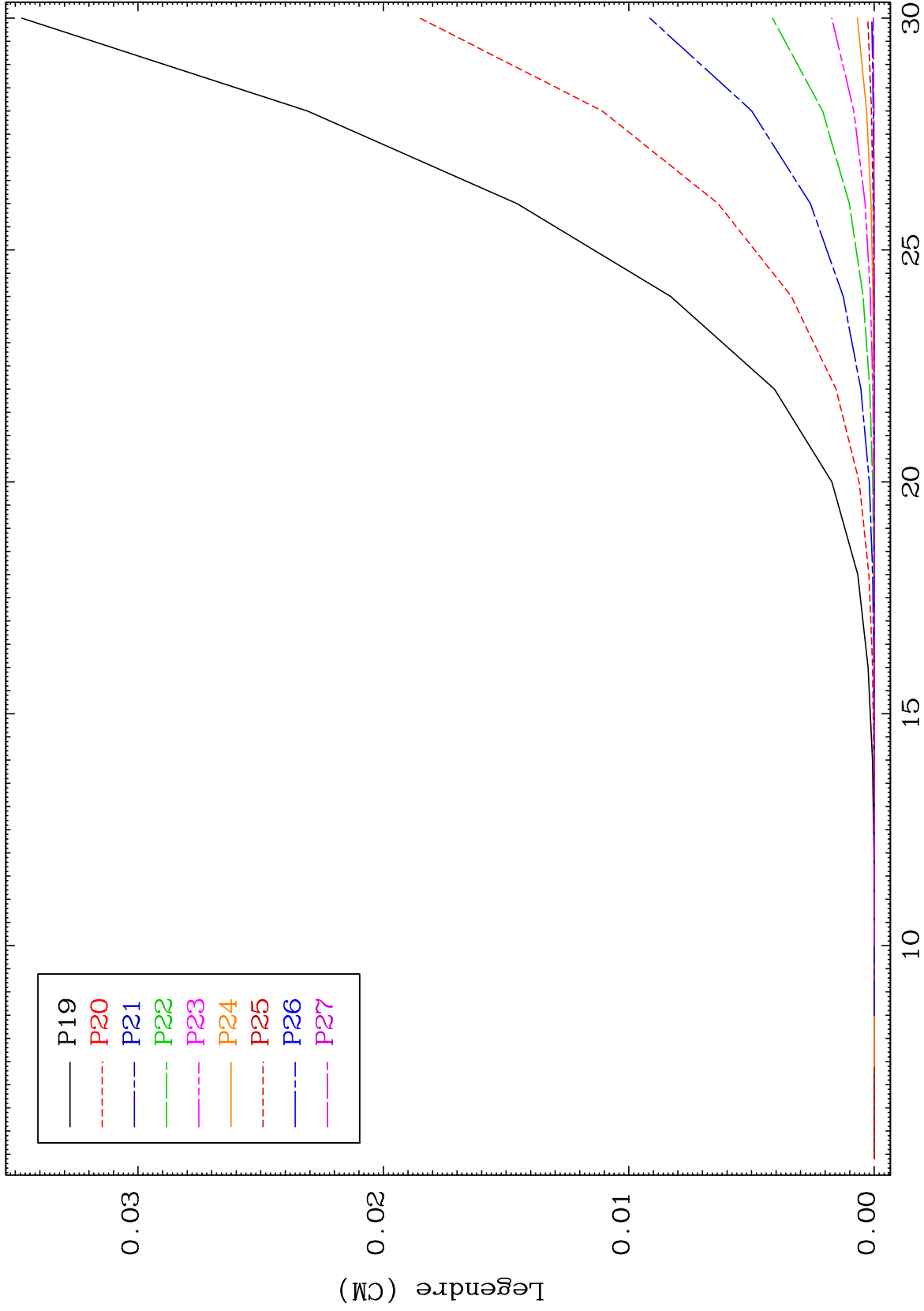




MAT 8216

Elastic  
Legendre Coefficients

82-Pb-201



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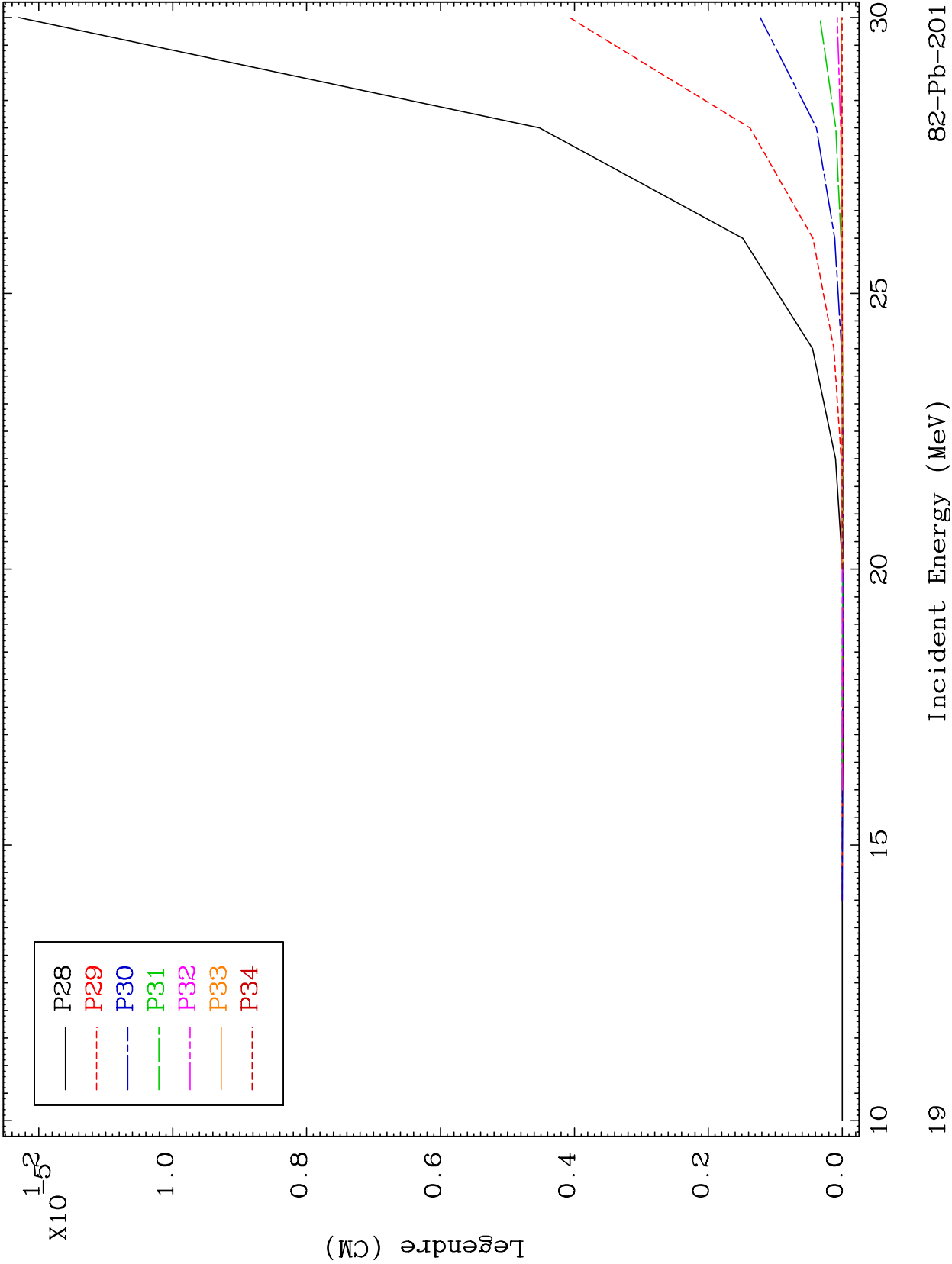
Incident Energy (MeV)

82-Pb-201

MAT 8216

Elastic Legendre Coefficients

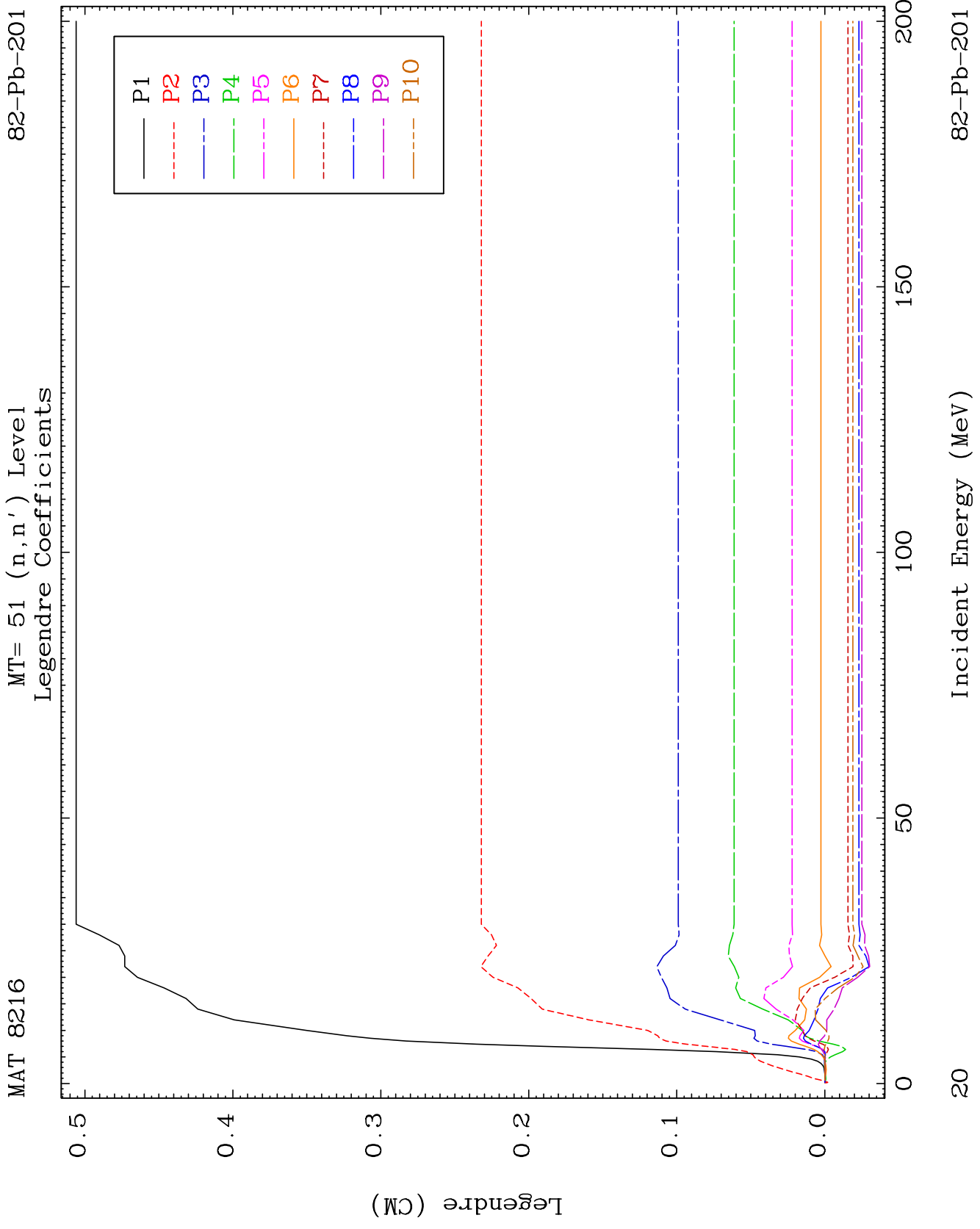
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Incident Energy (MeV)

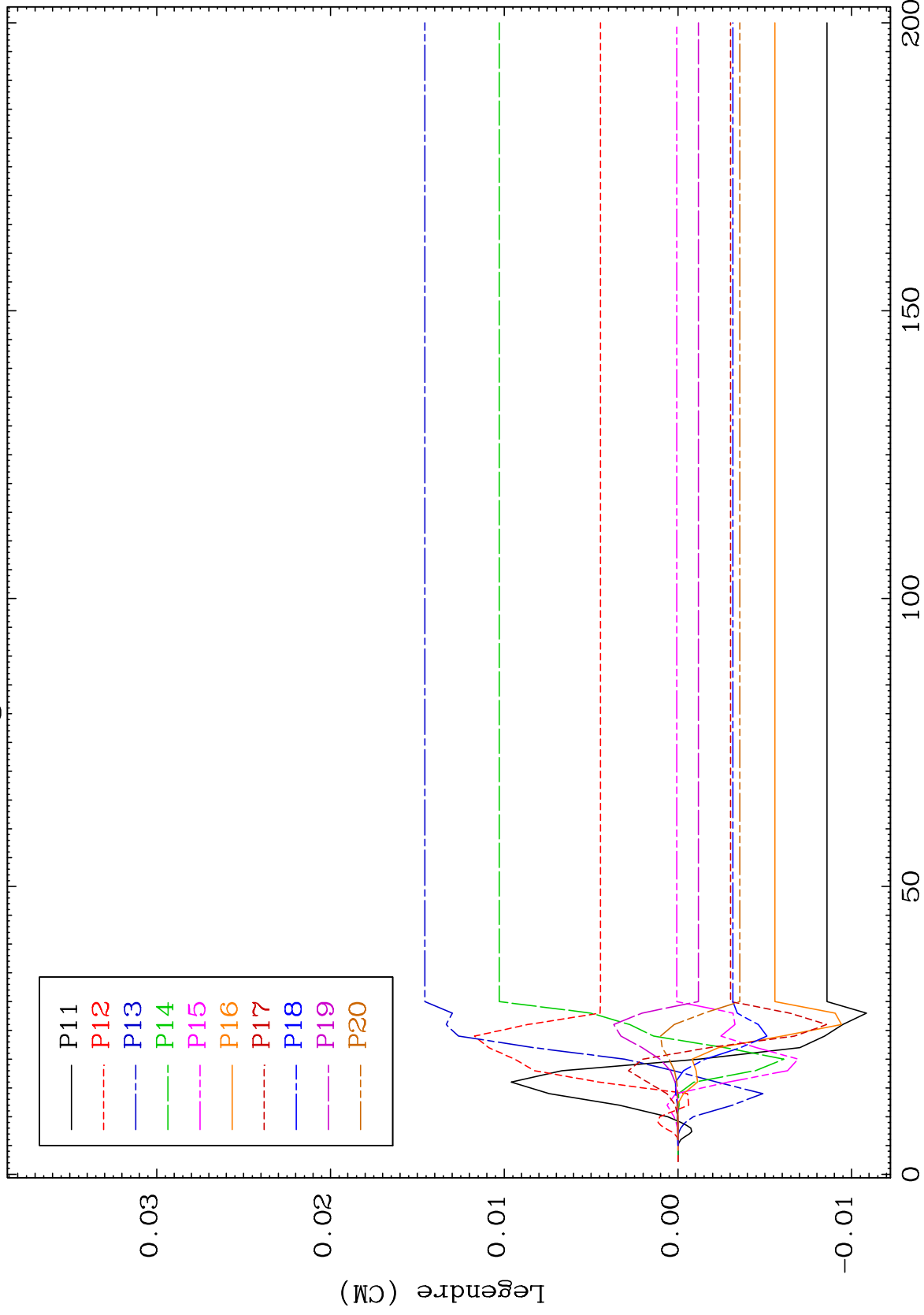
82-Pb-201



MAT 8216

82-Pb-201

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



21

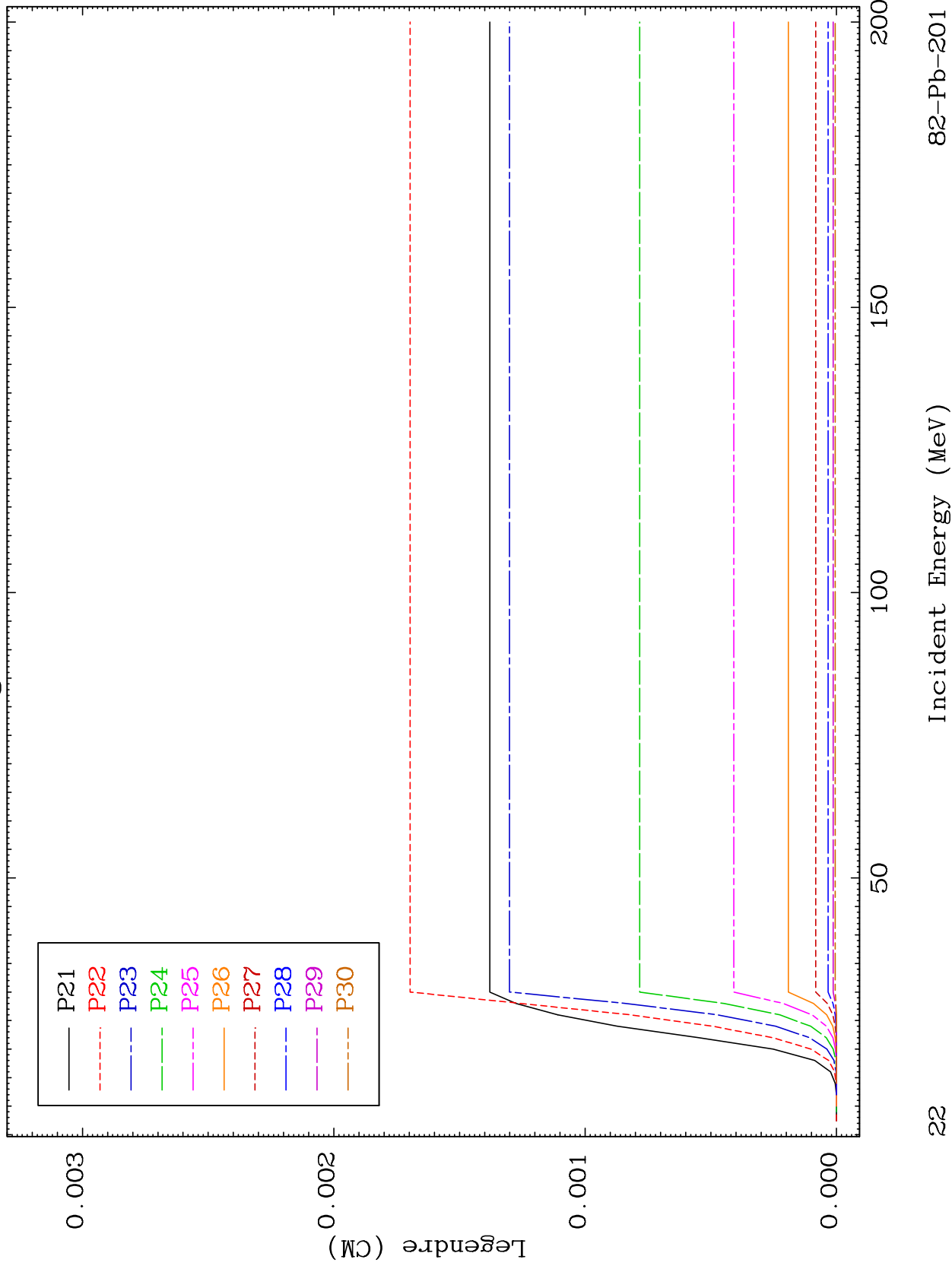
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Incident Energy (MeV)

MAT 8216

82-Pb-201

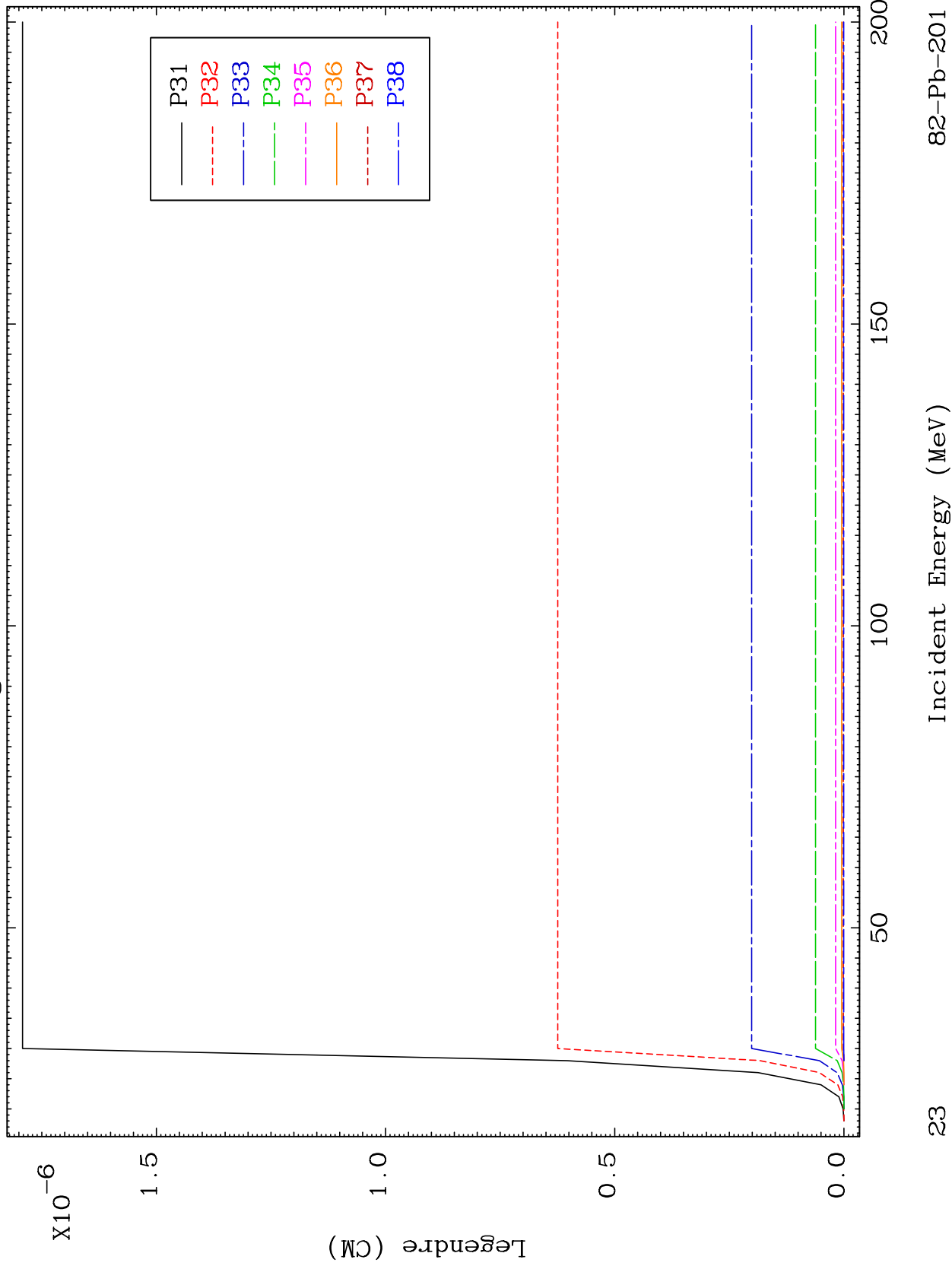
MT= 51 (n,n') Level  
Legendre Coefficients



MAT 8216

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

82-Pb-201



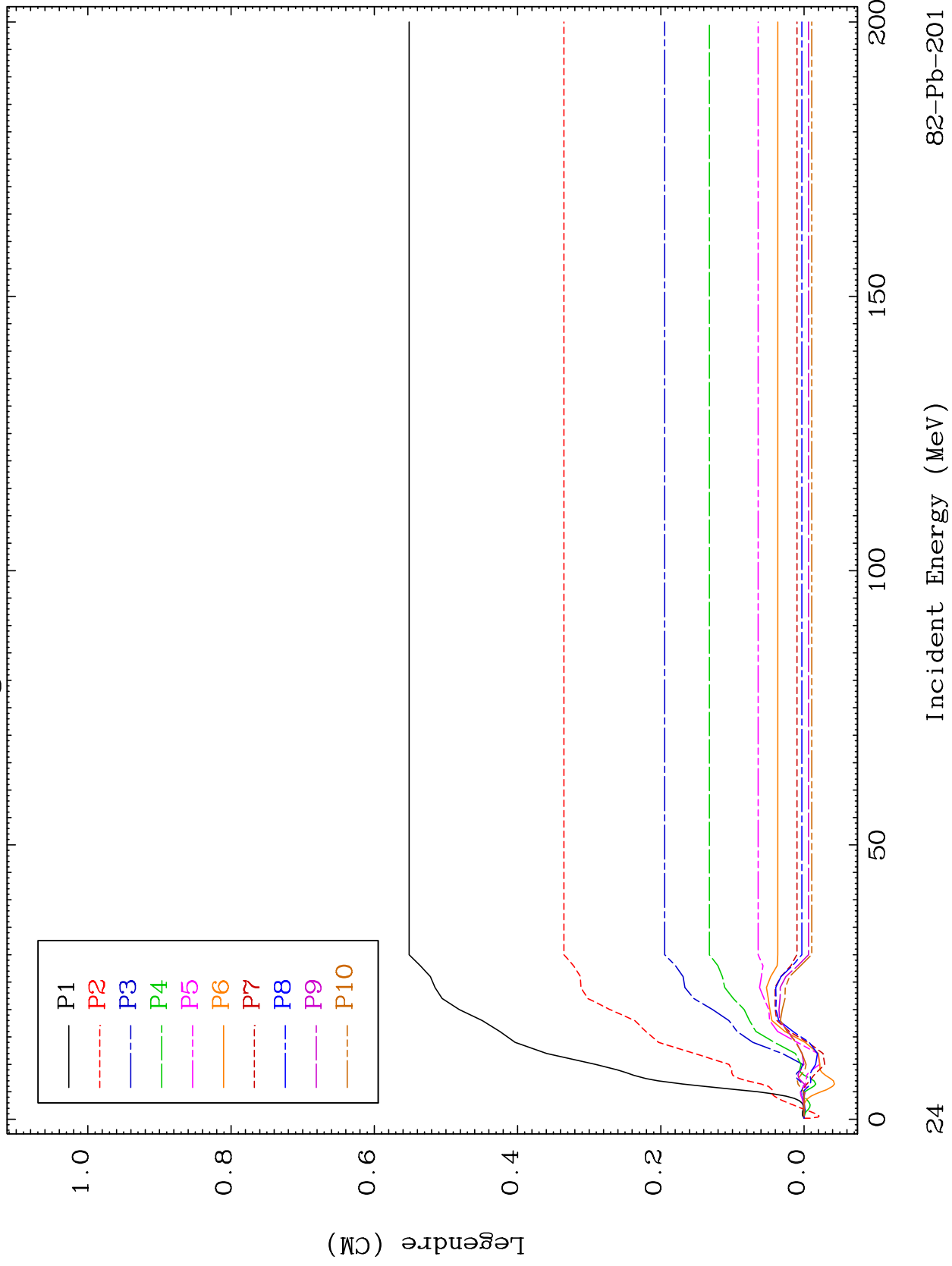
23



MAT 8216

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

82-Pb-201



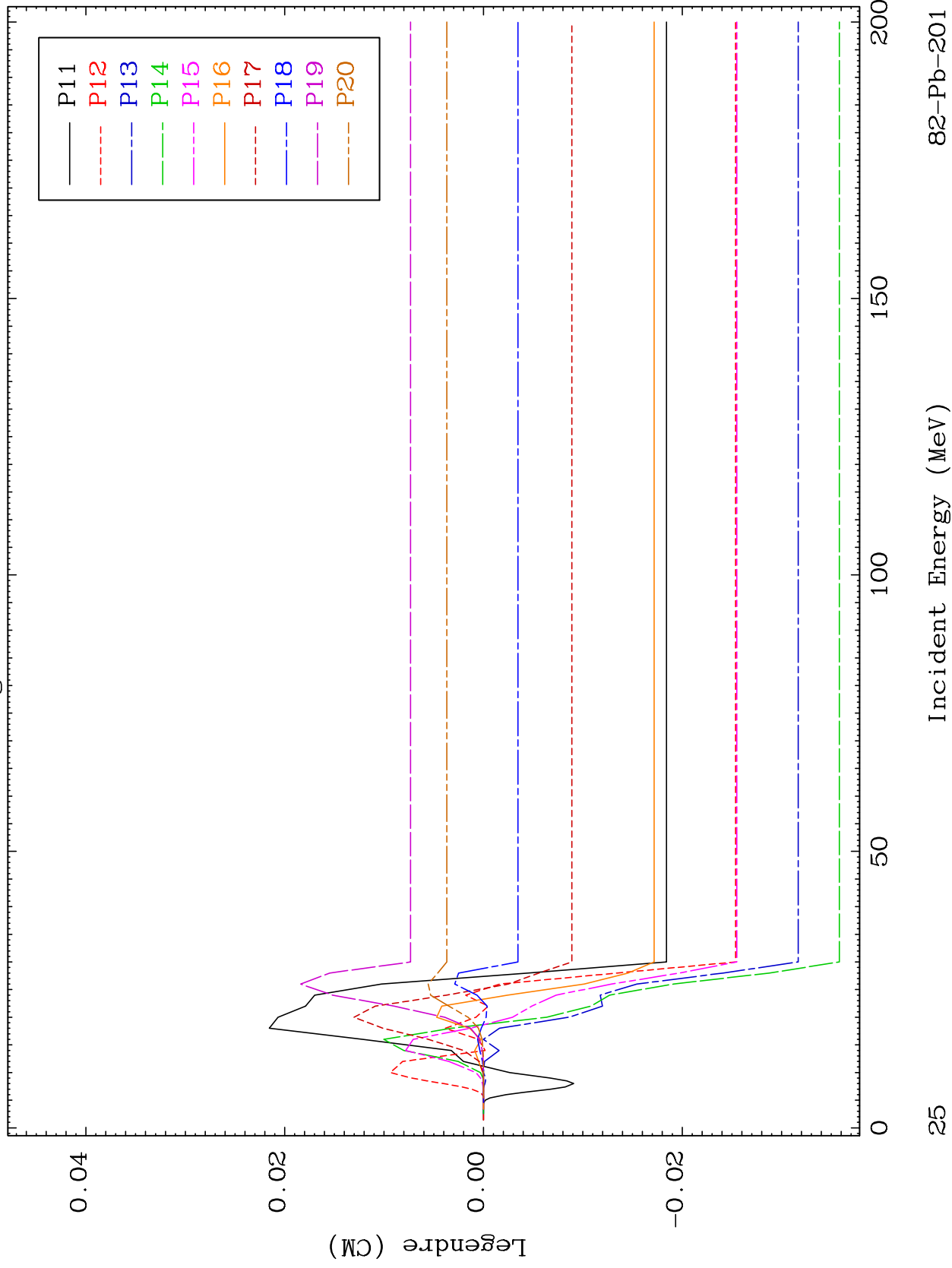
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82-Pb-201

MAT 8216

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

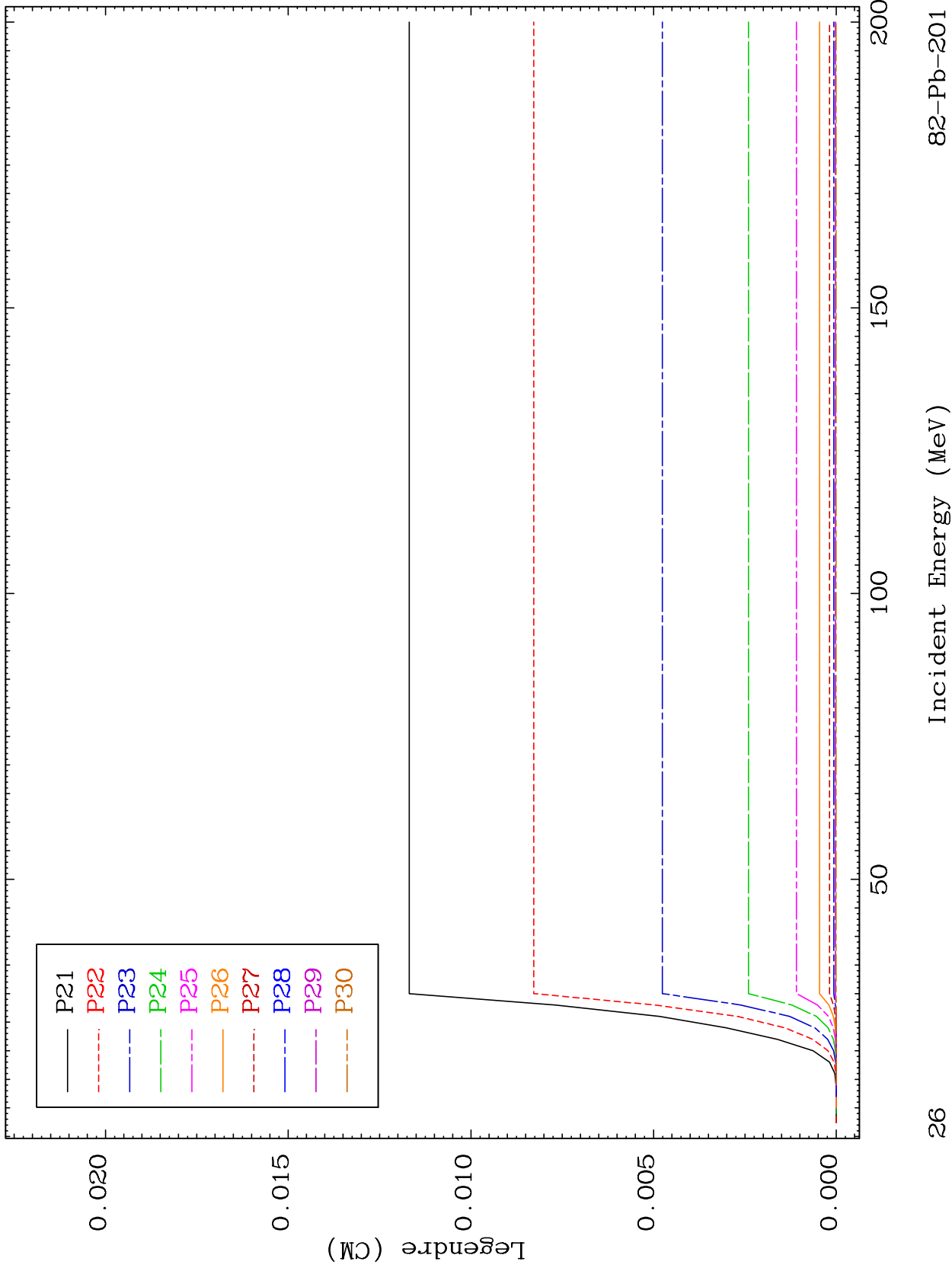
82-Pb-201



82-Pb-201

Incident Energy (MeV)

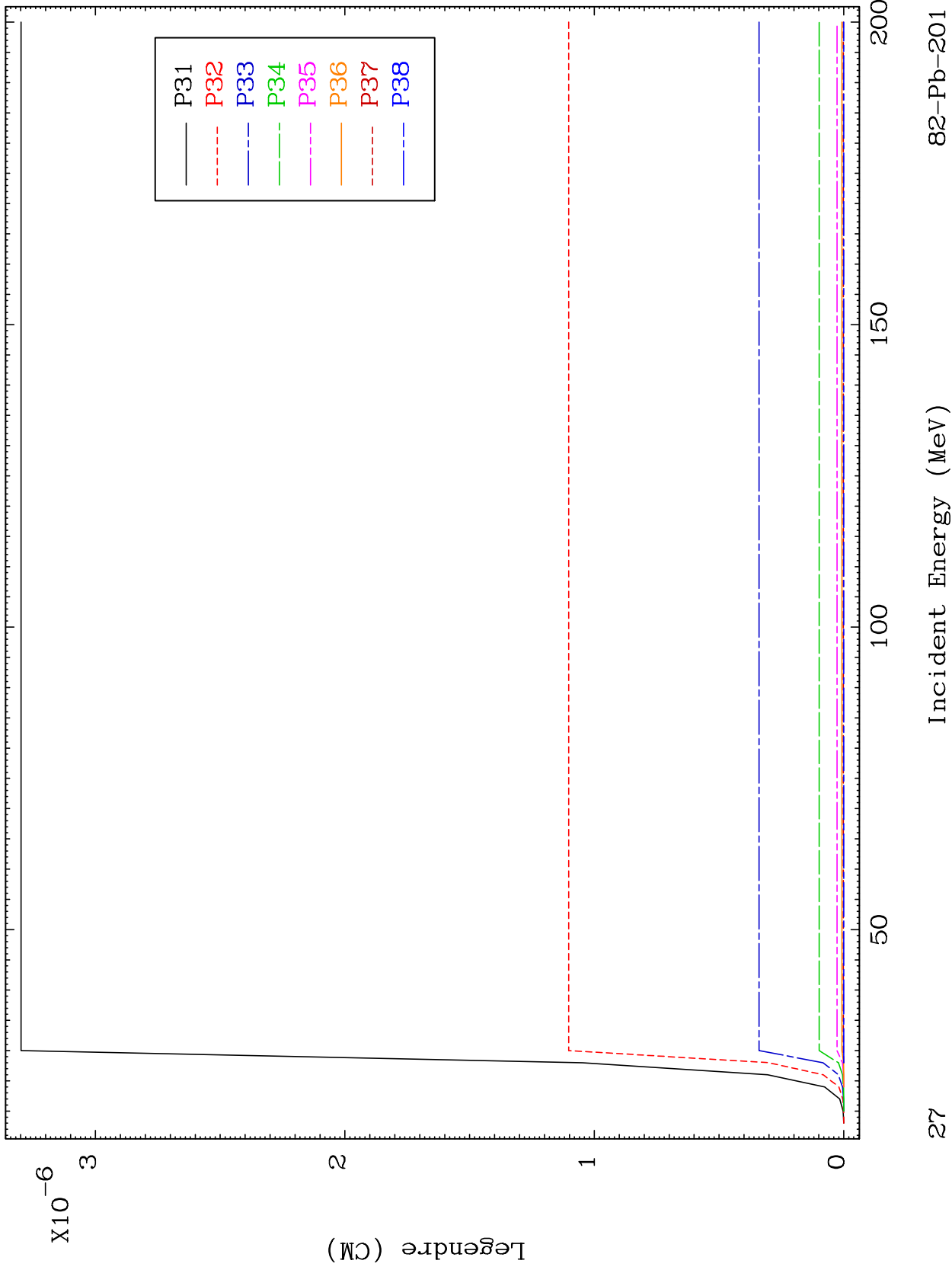
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MAT 8216

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

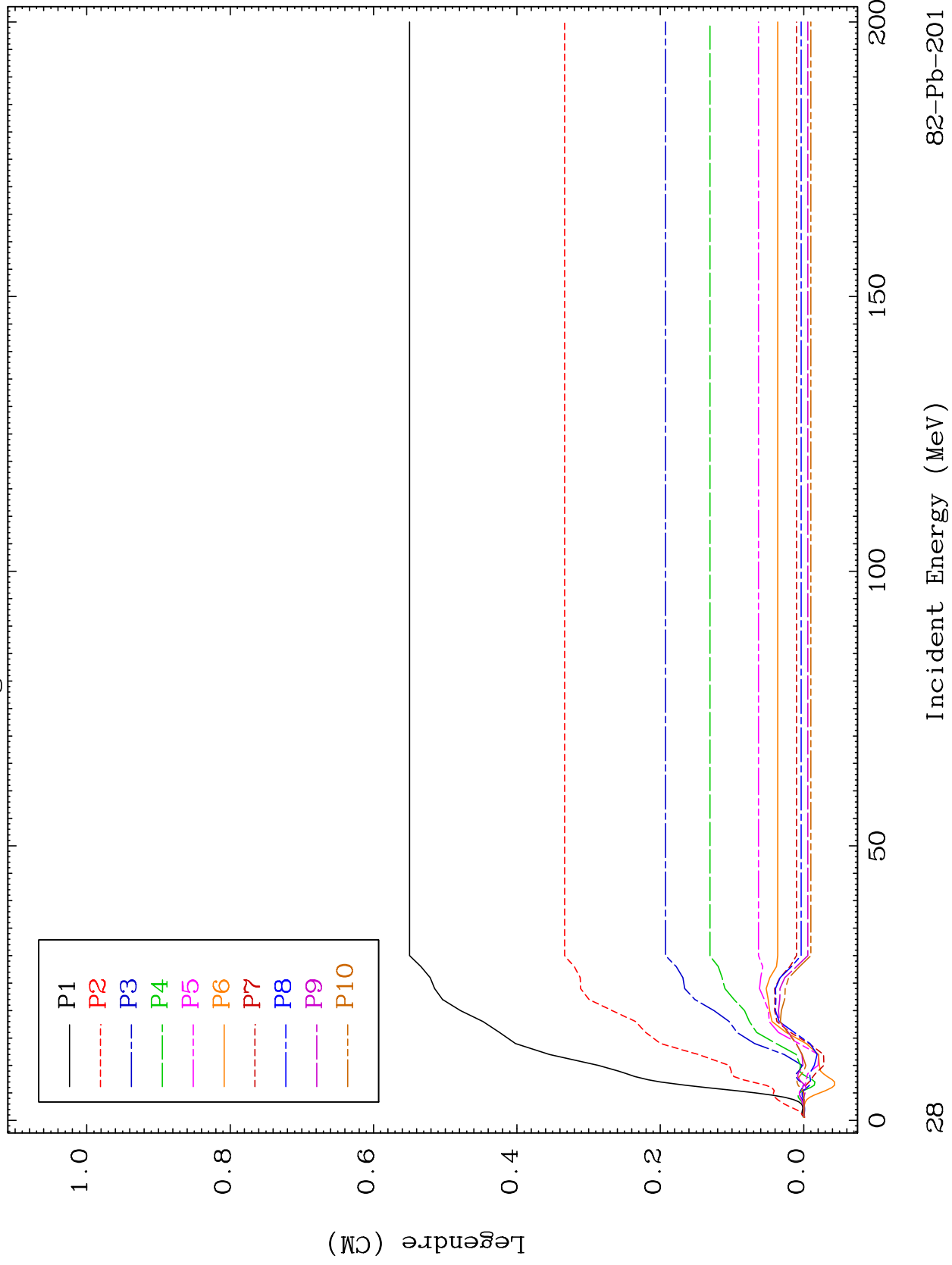
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MAT 8216

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

82-Pb-201



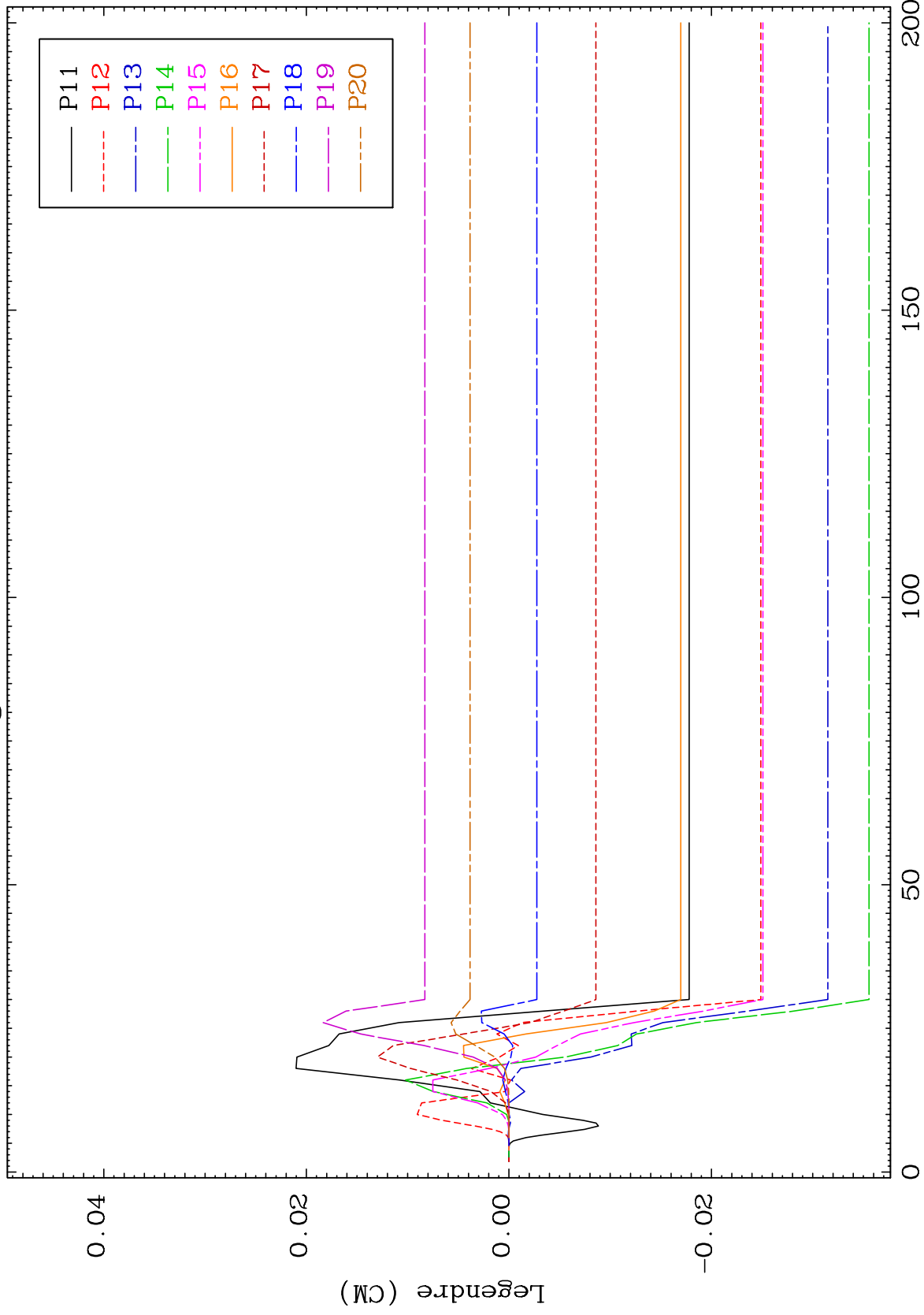
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82-Pb-201

MAT 8216

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

82-Pb-201



29

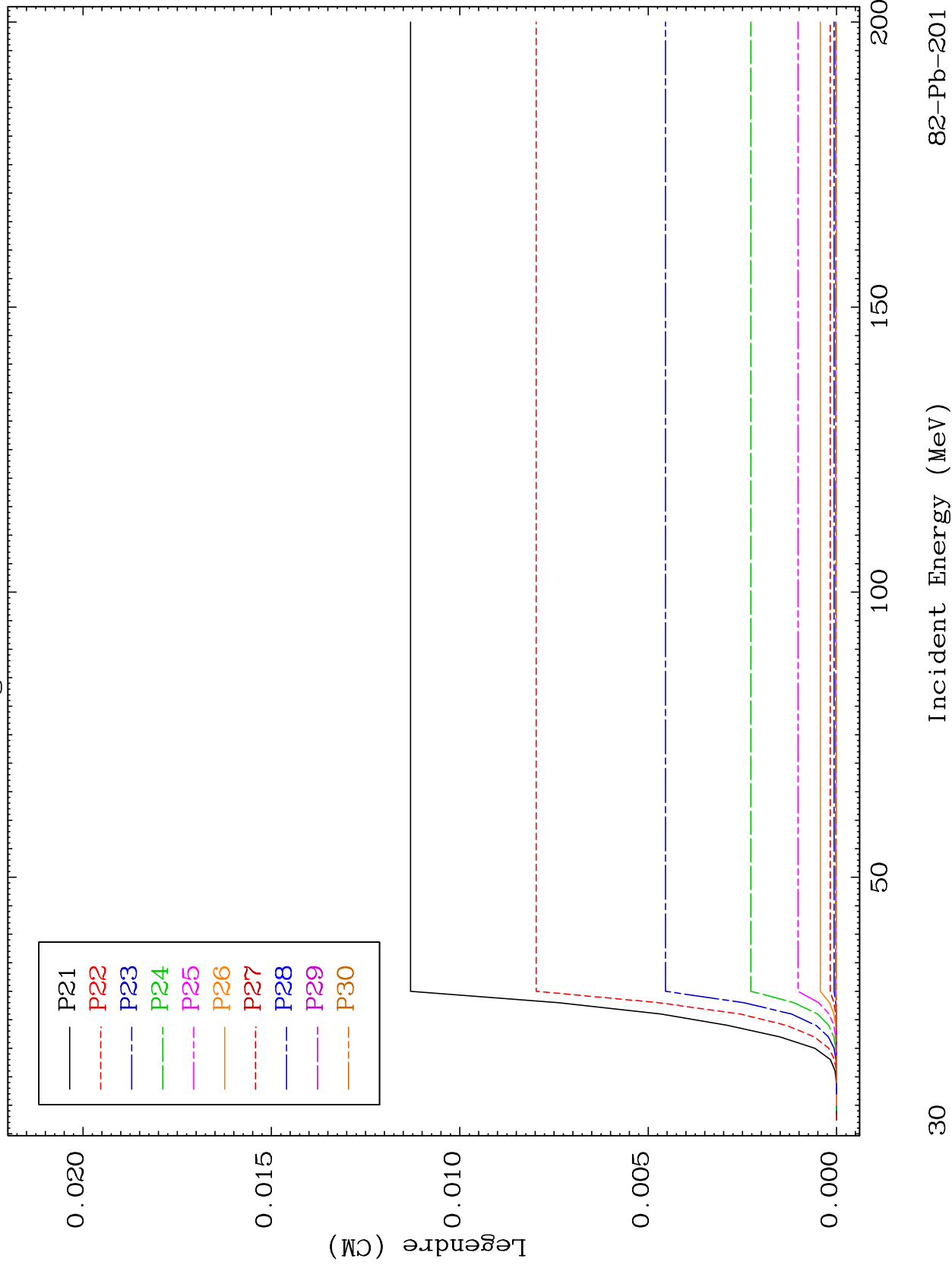
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



30

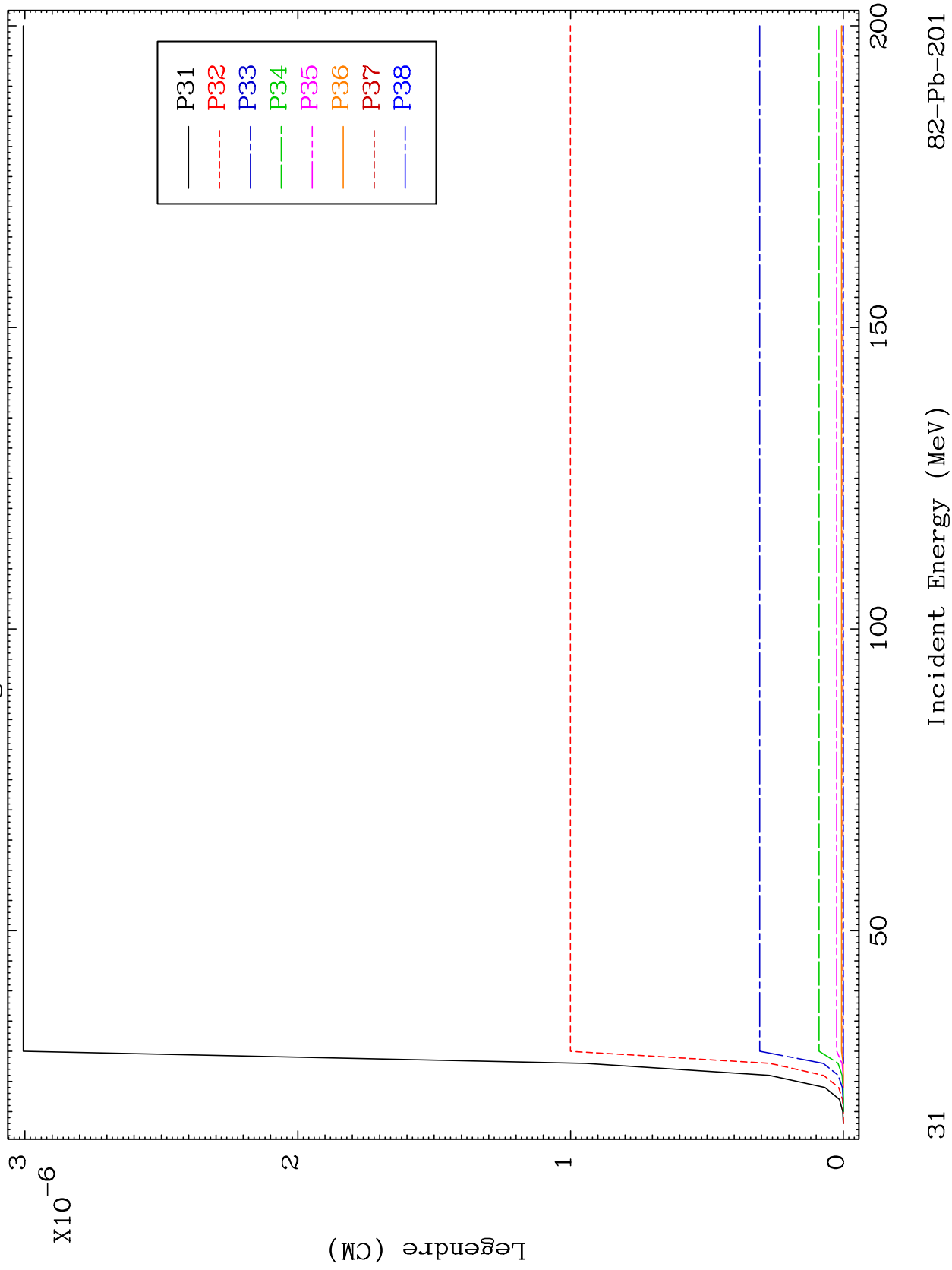
Incident Energy (MeV)

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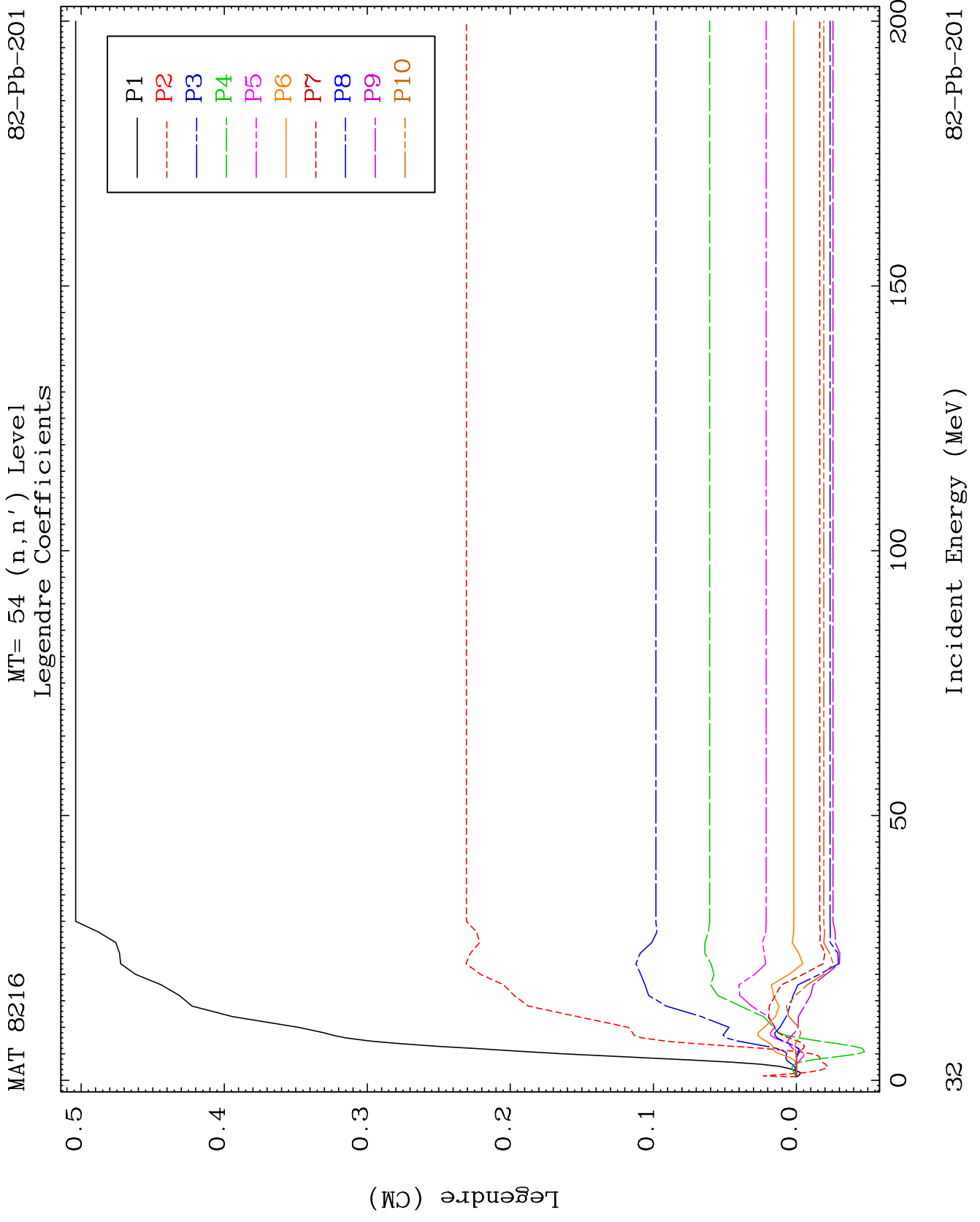
MAT 8216

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

82-Pb-201



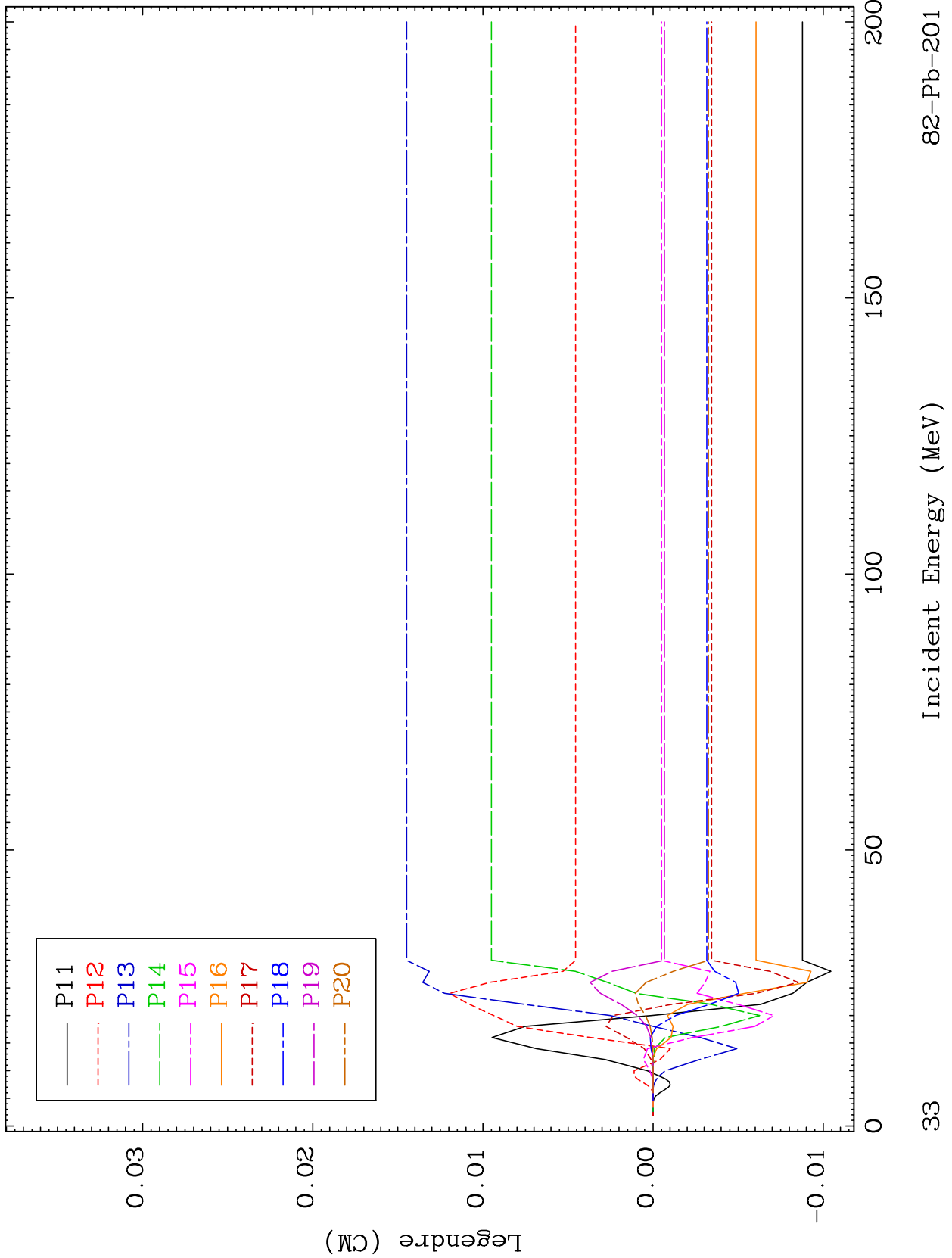




MAT 8216

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

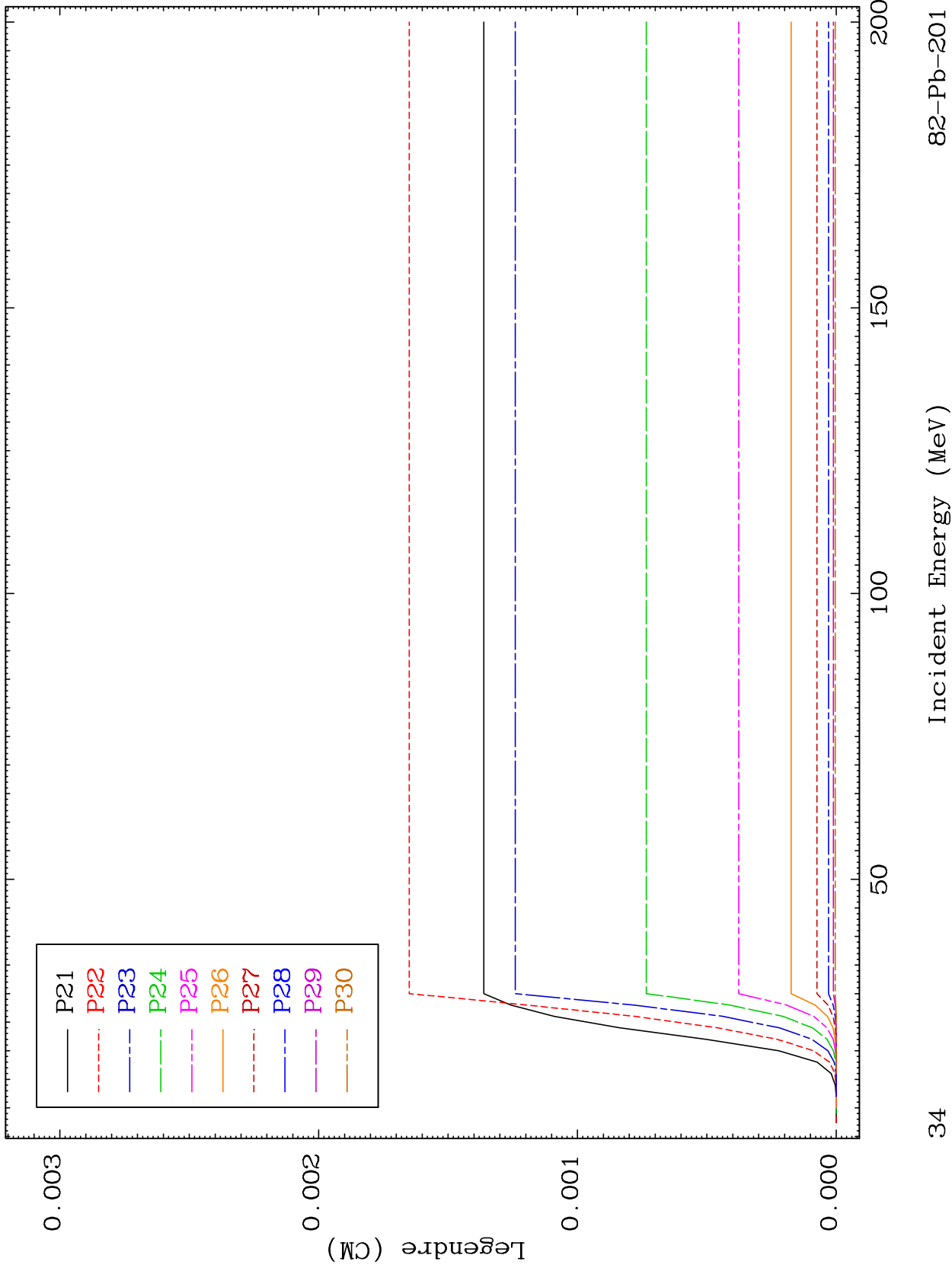
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MAT 8216

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

82-Pb-201

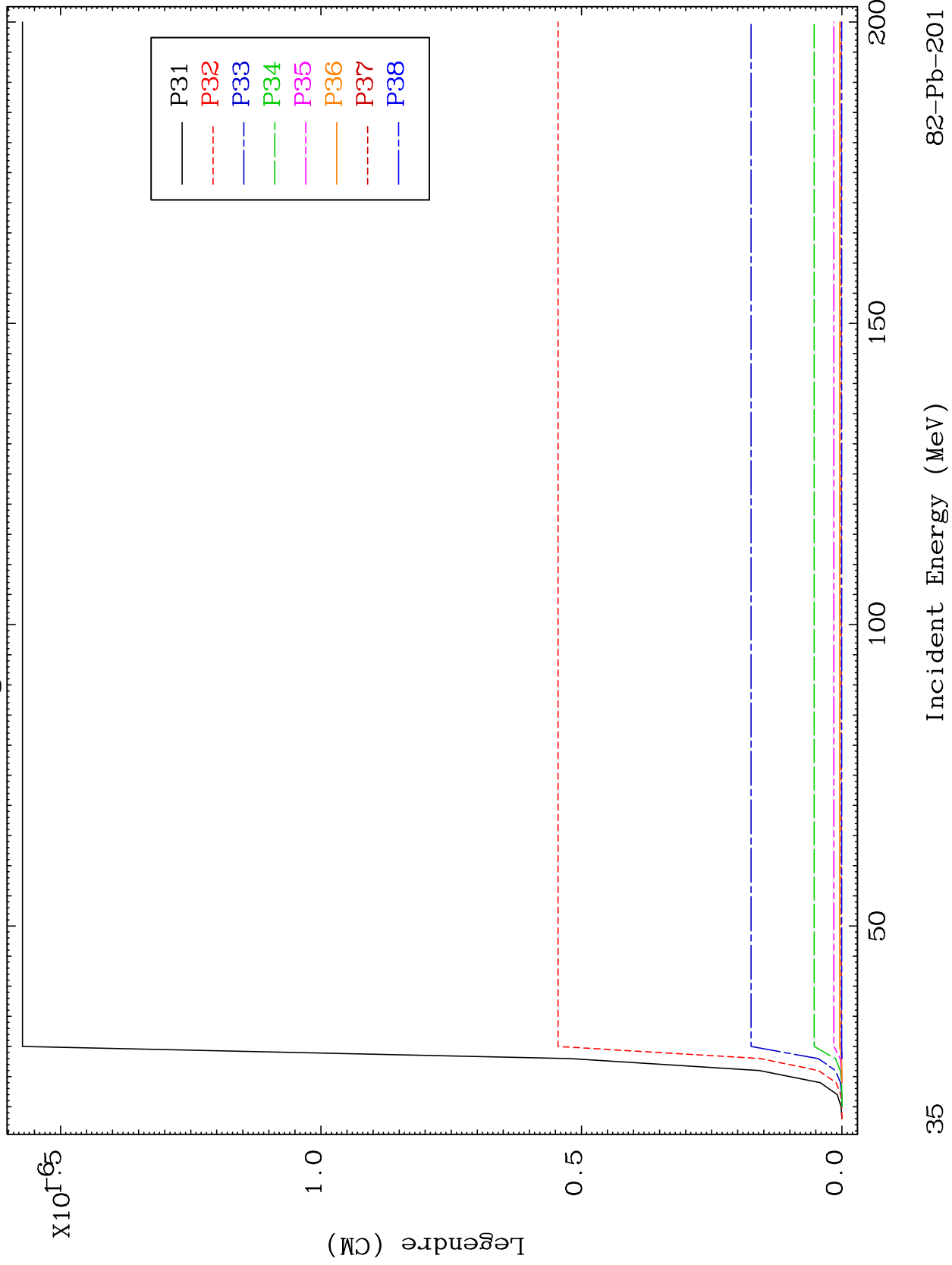


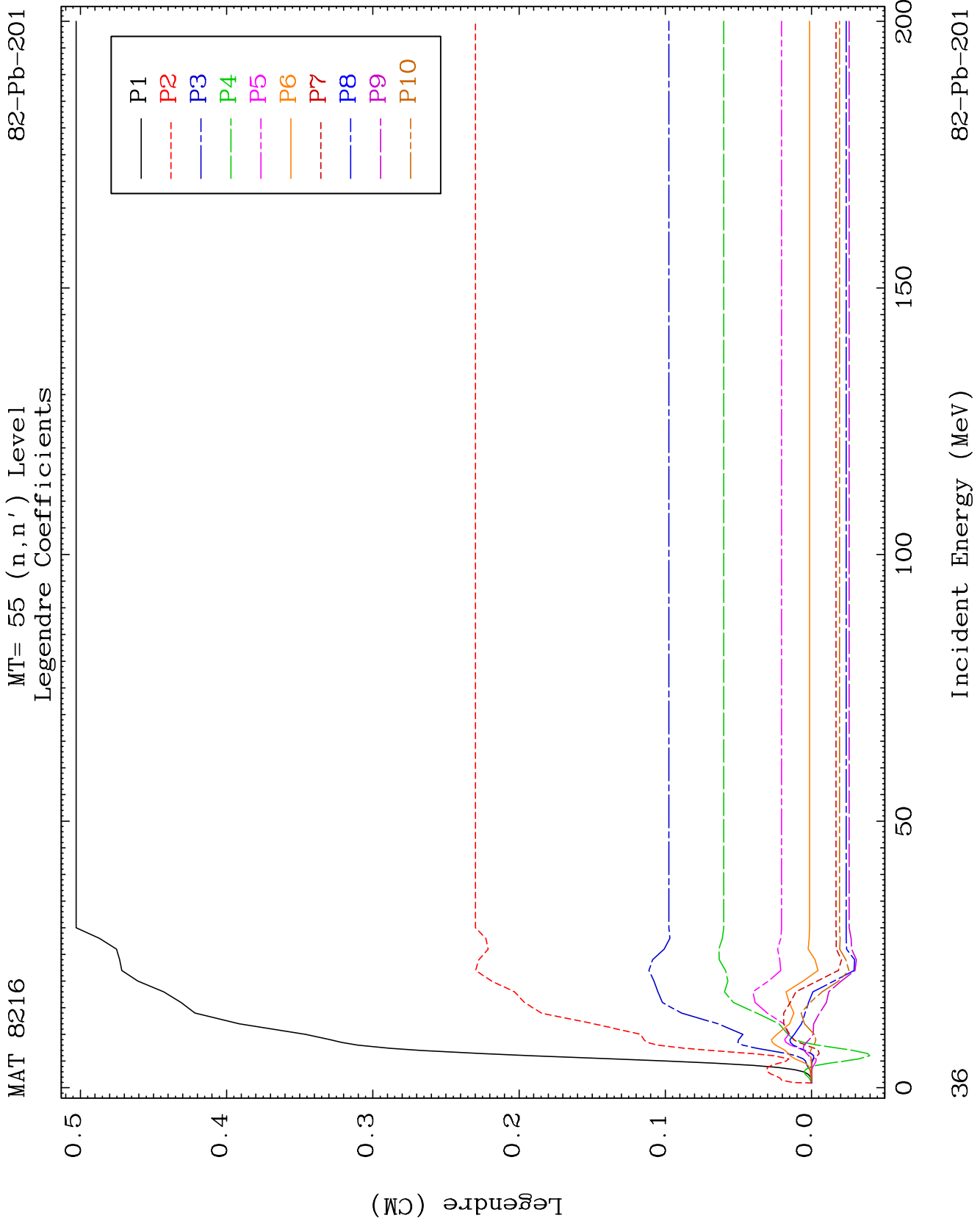
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MAT 8216

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

82-Pb-201

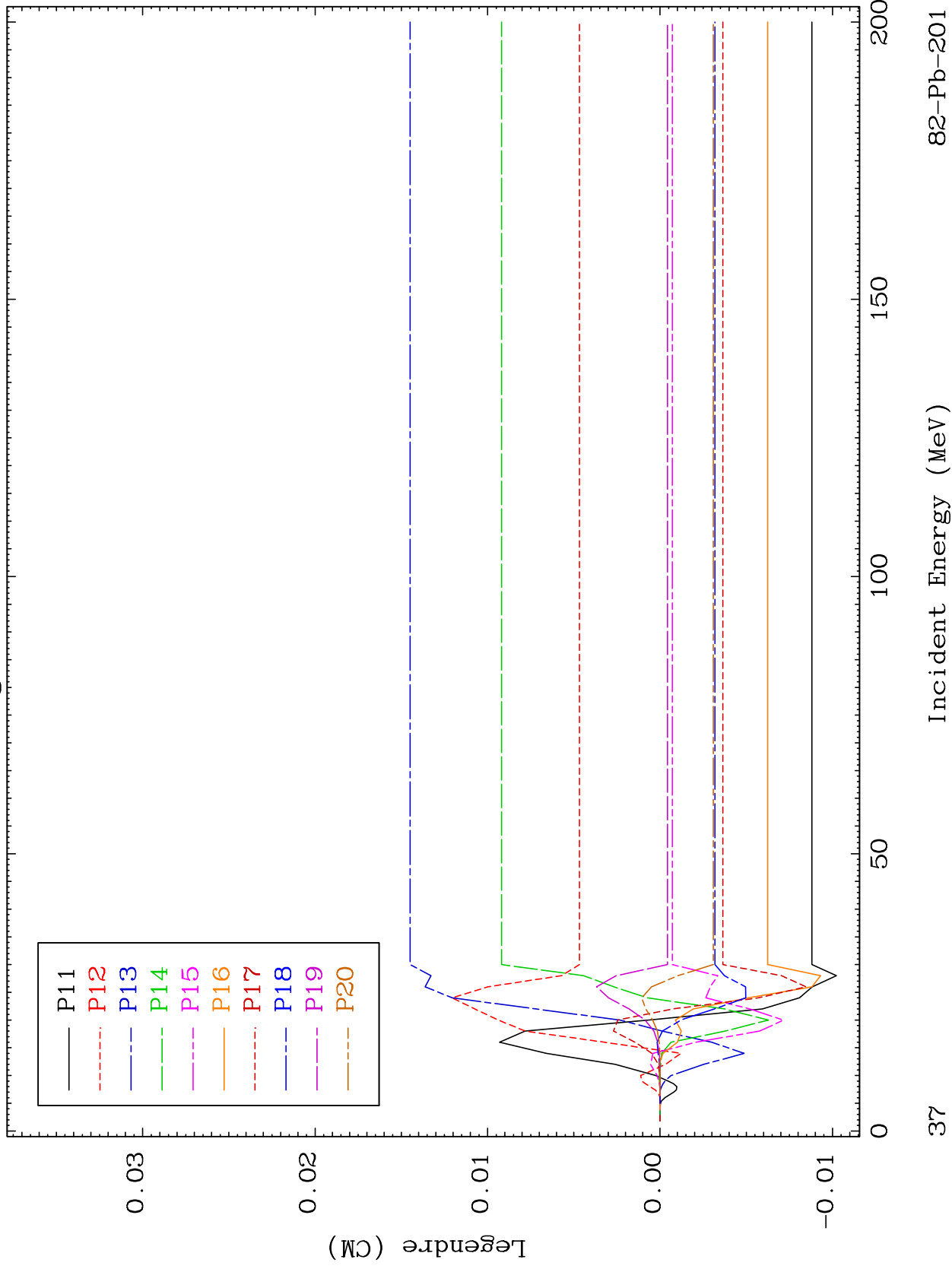




MAT 8216

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

82-Pb-201



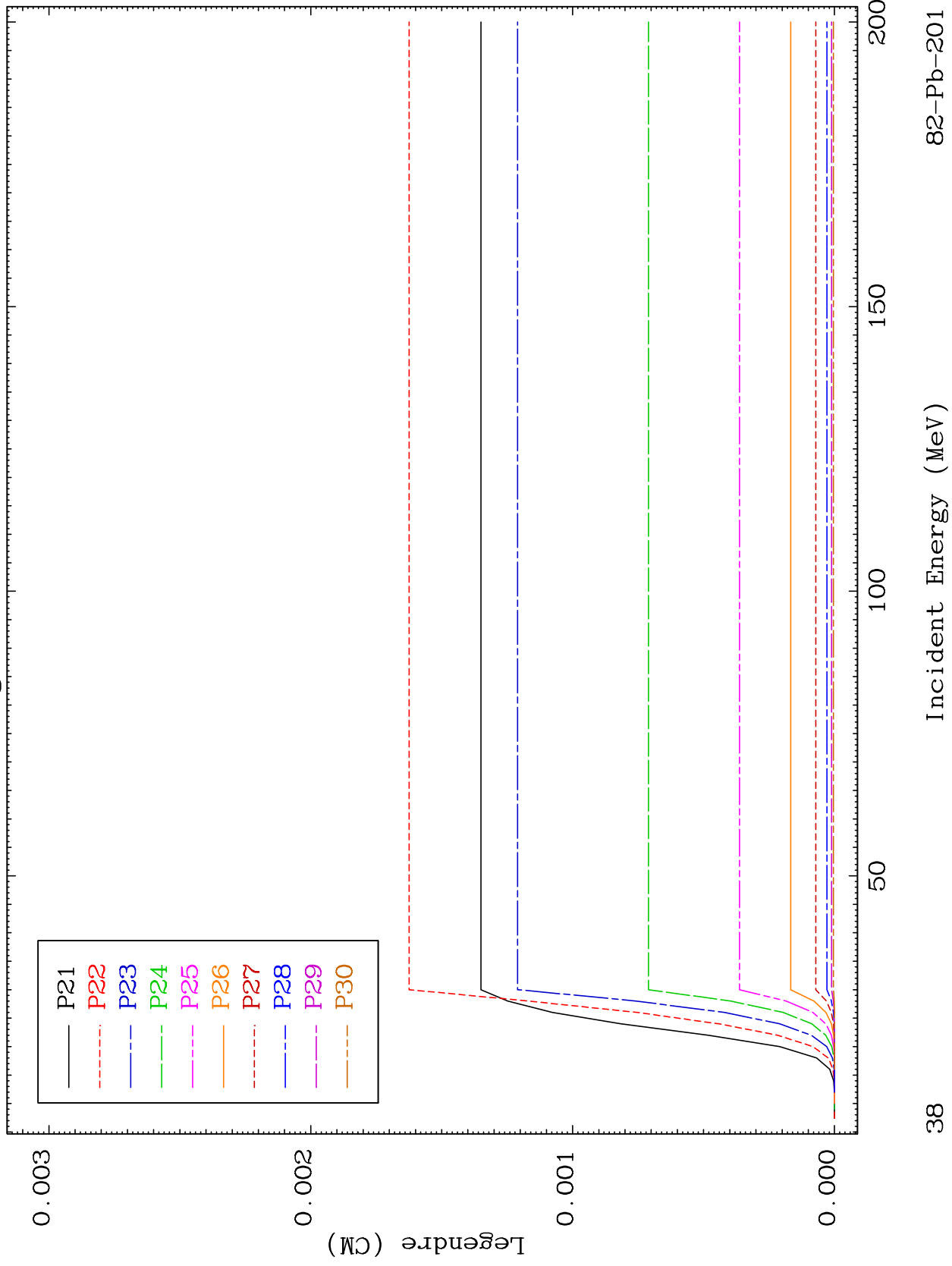
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82-Pb-201

MAT 8216

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

82-Pb-201



38

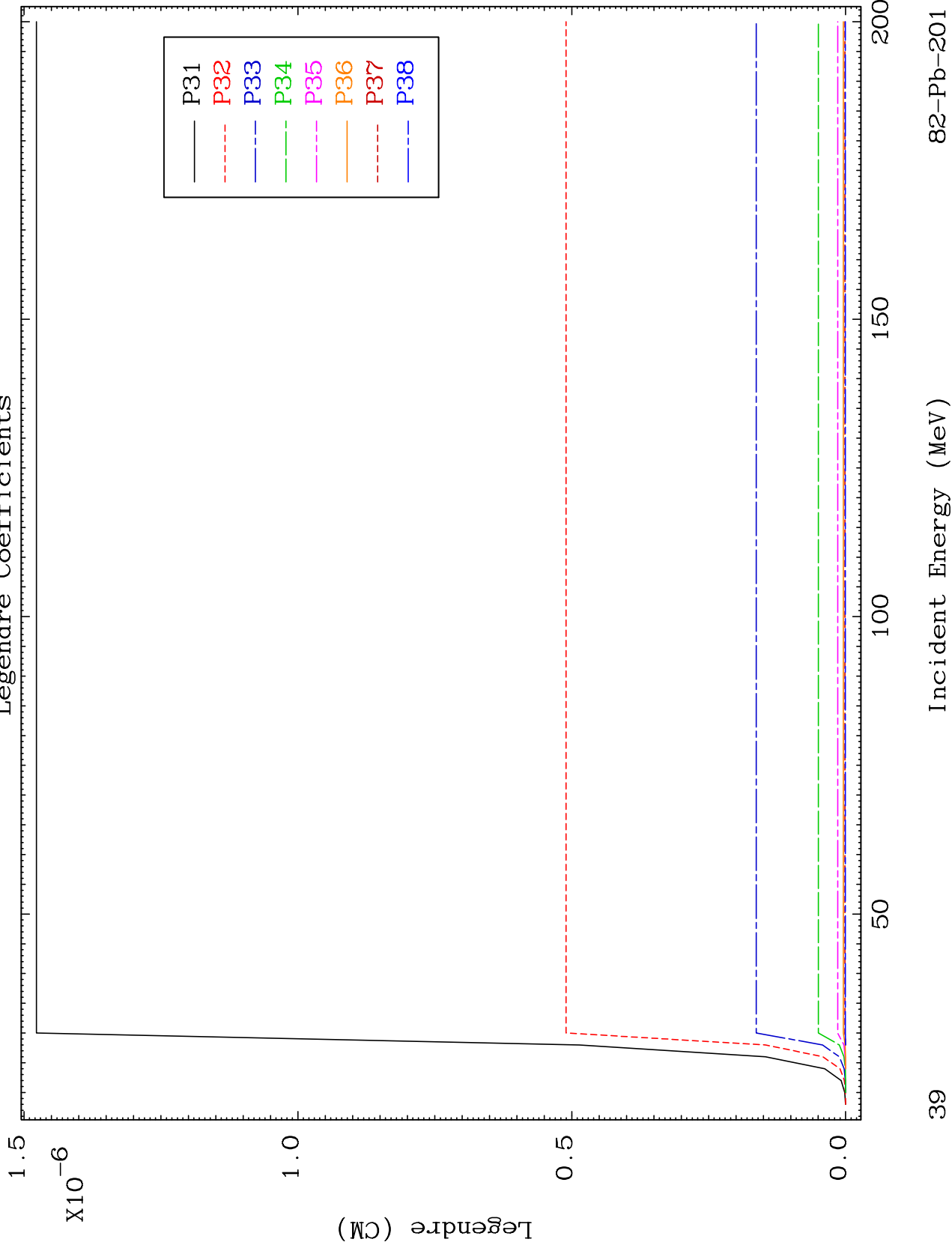
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



39

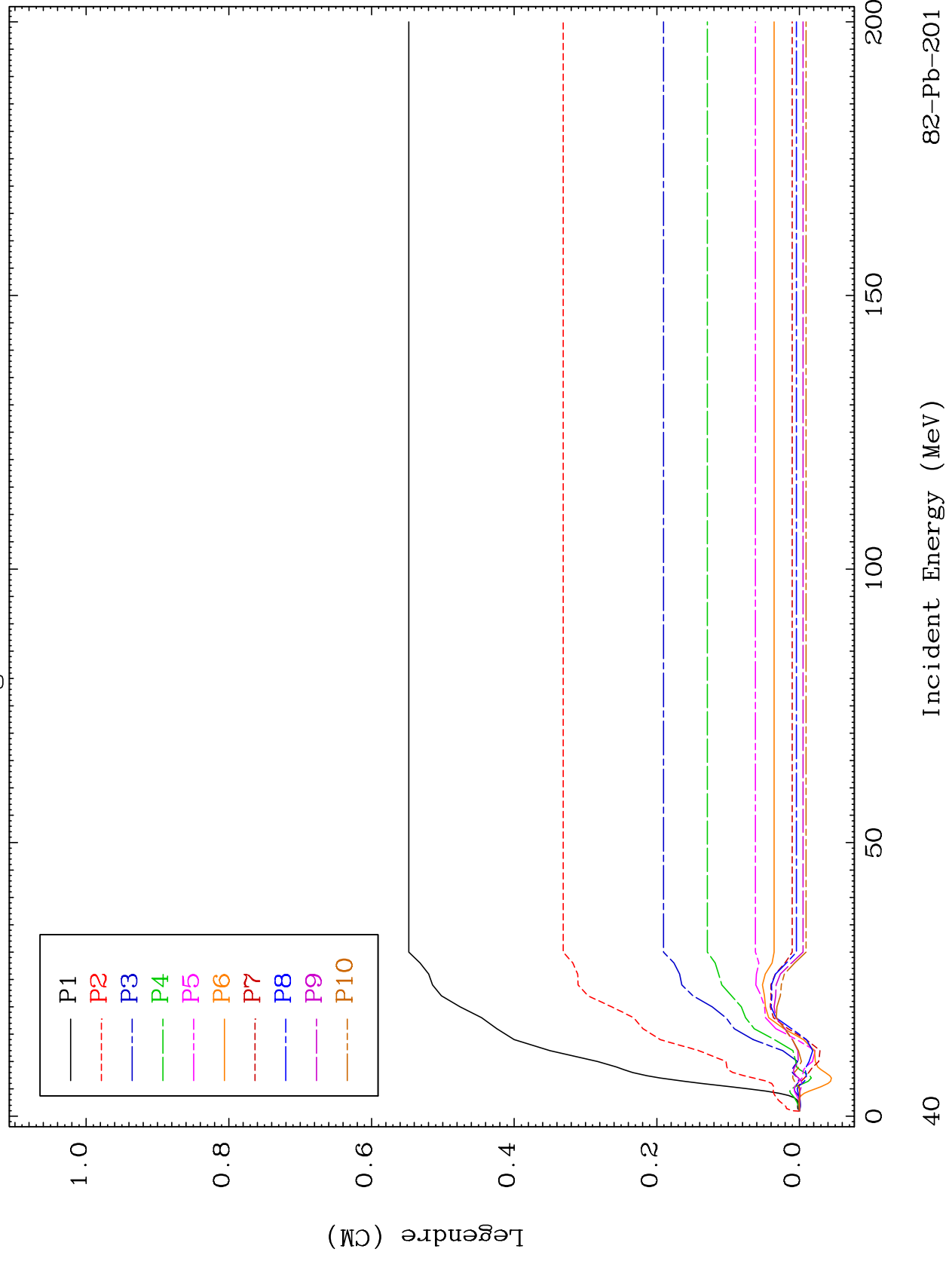
82-Pb-201



MAT 8216

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

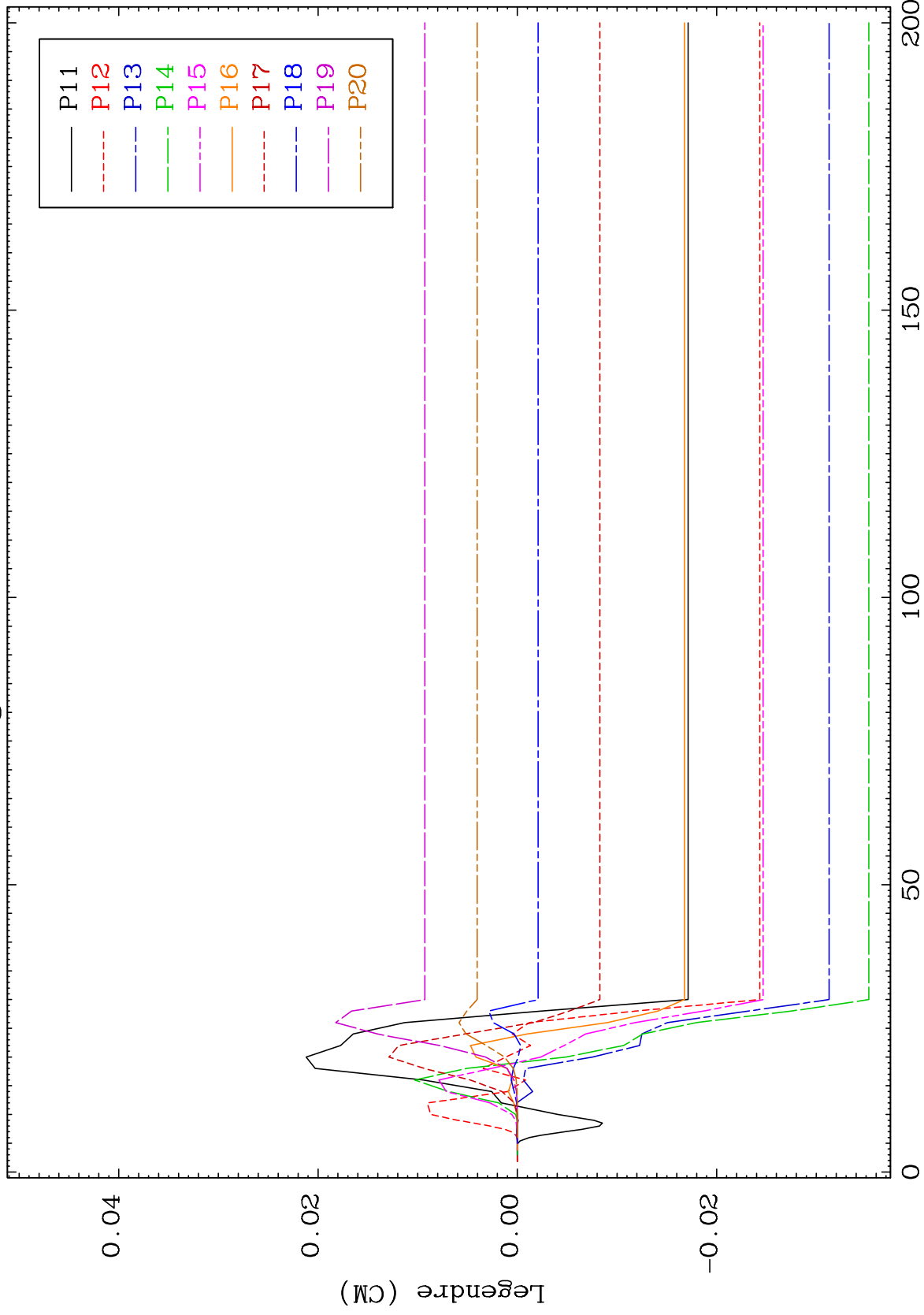
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MAT 8216

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

82-Pb-201



41

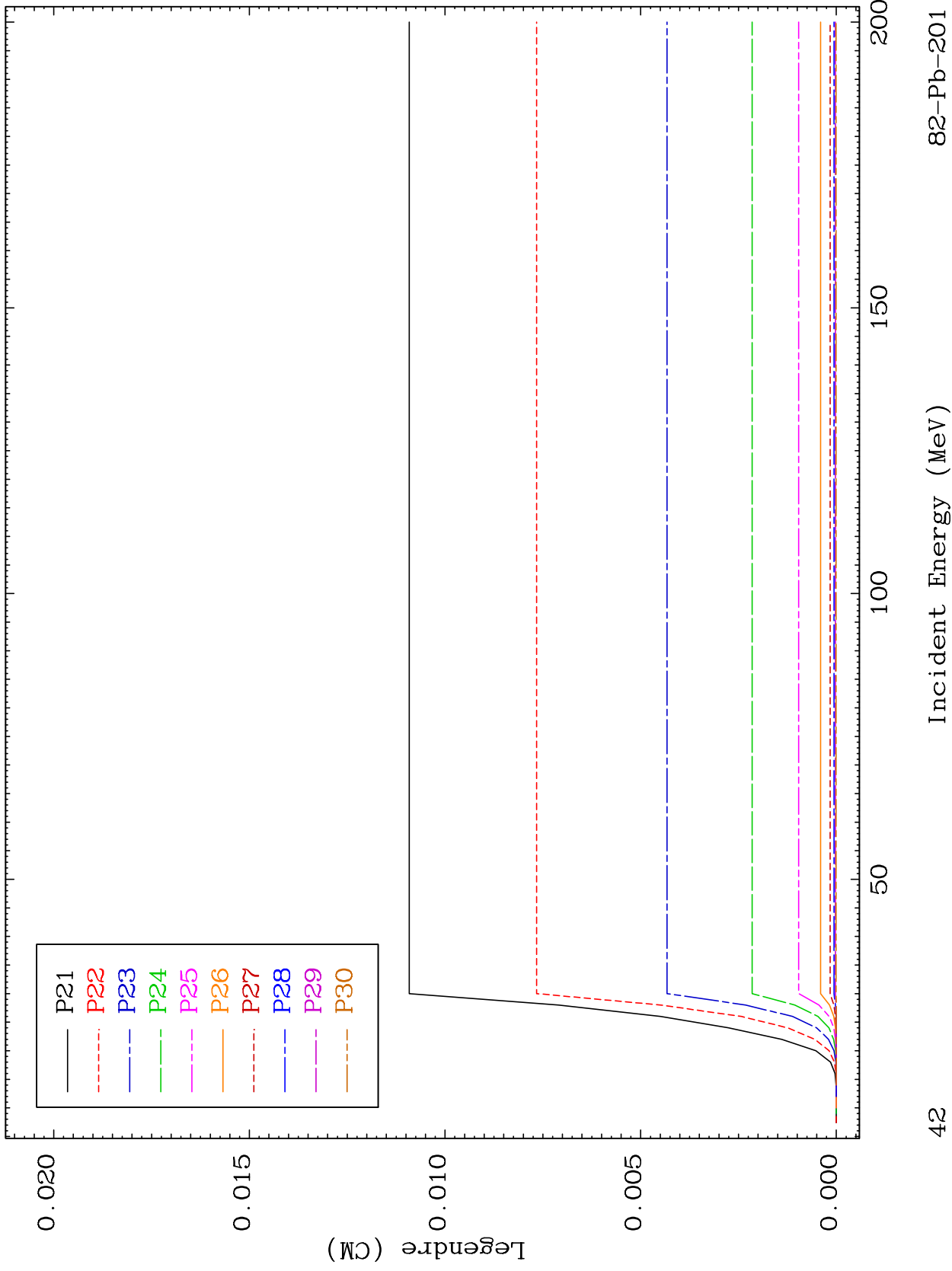
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



42

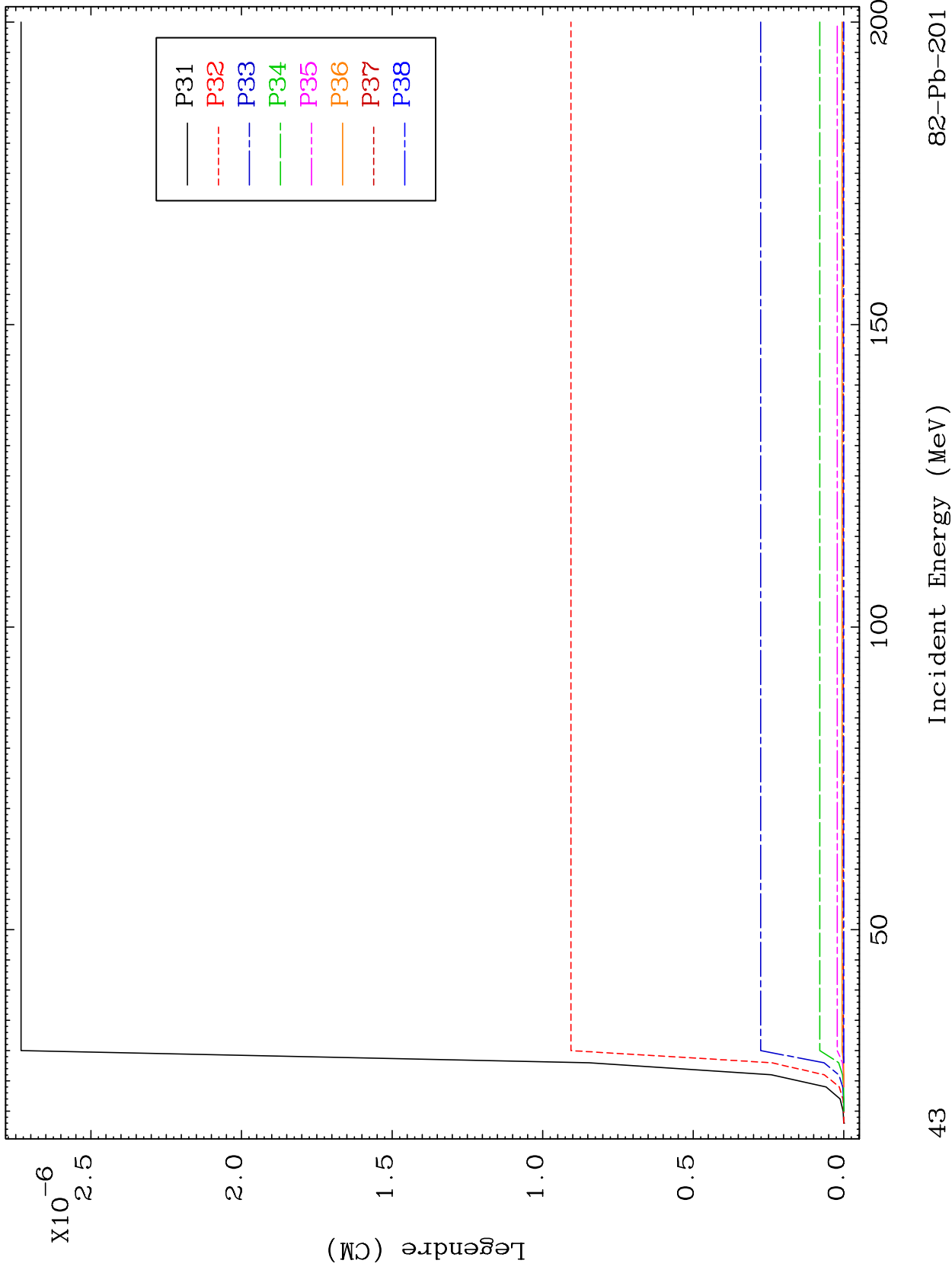
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



43

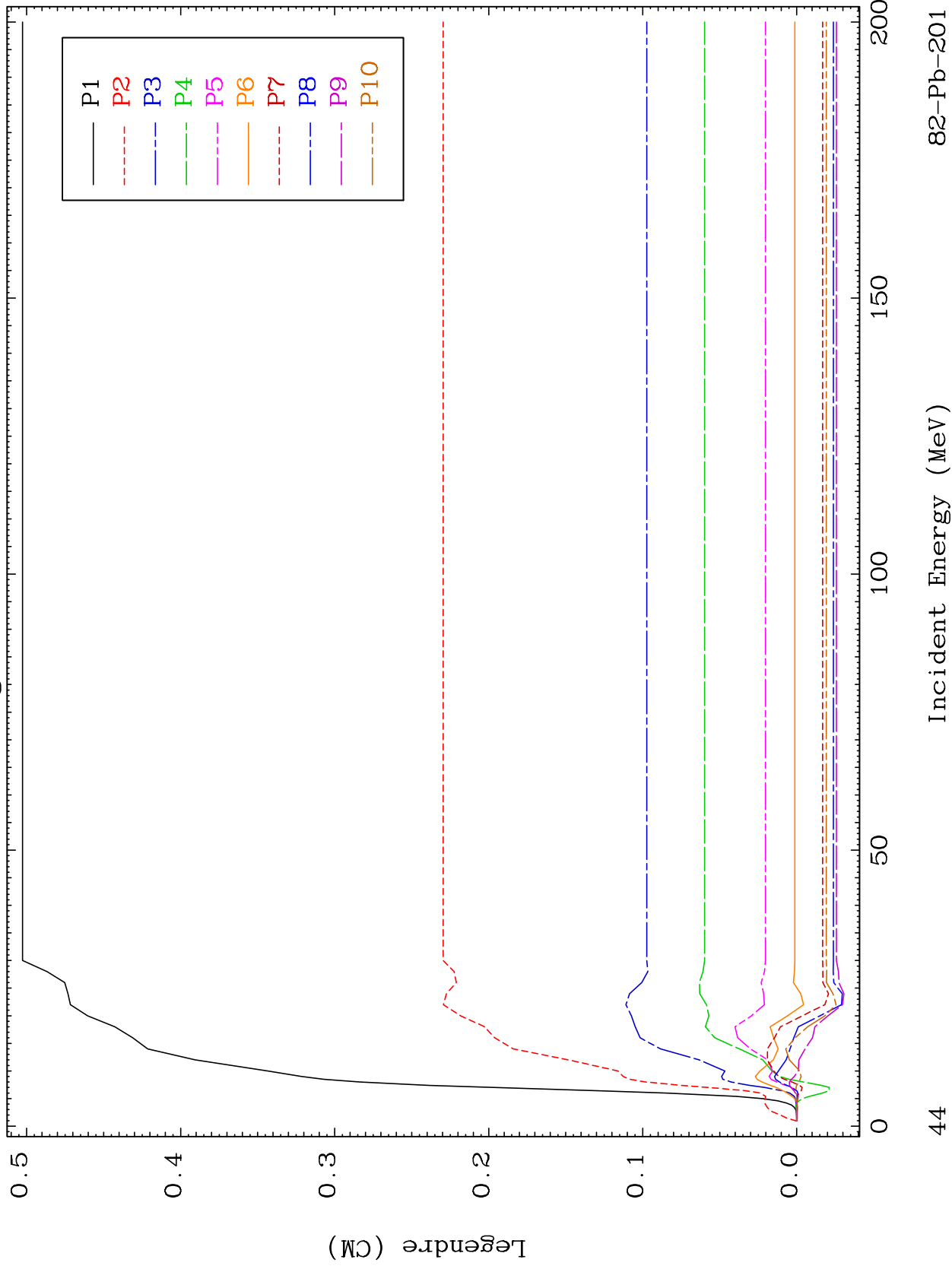
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



44

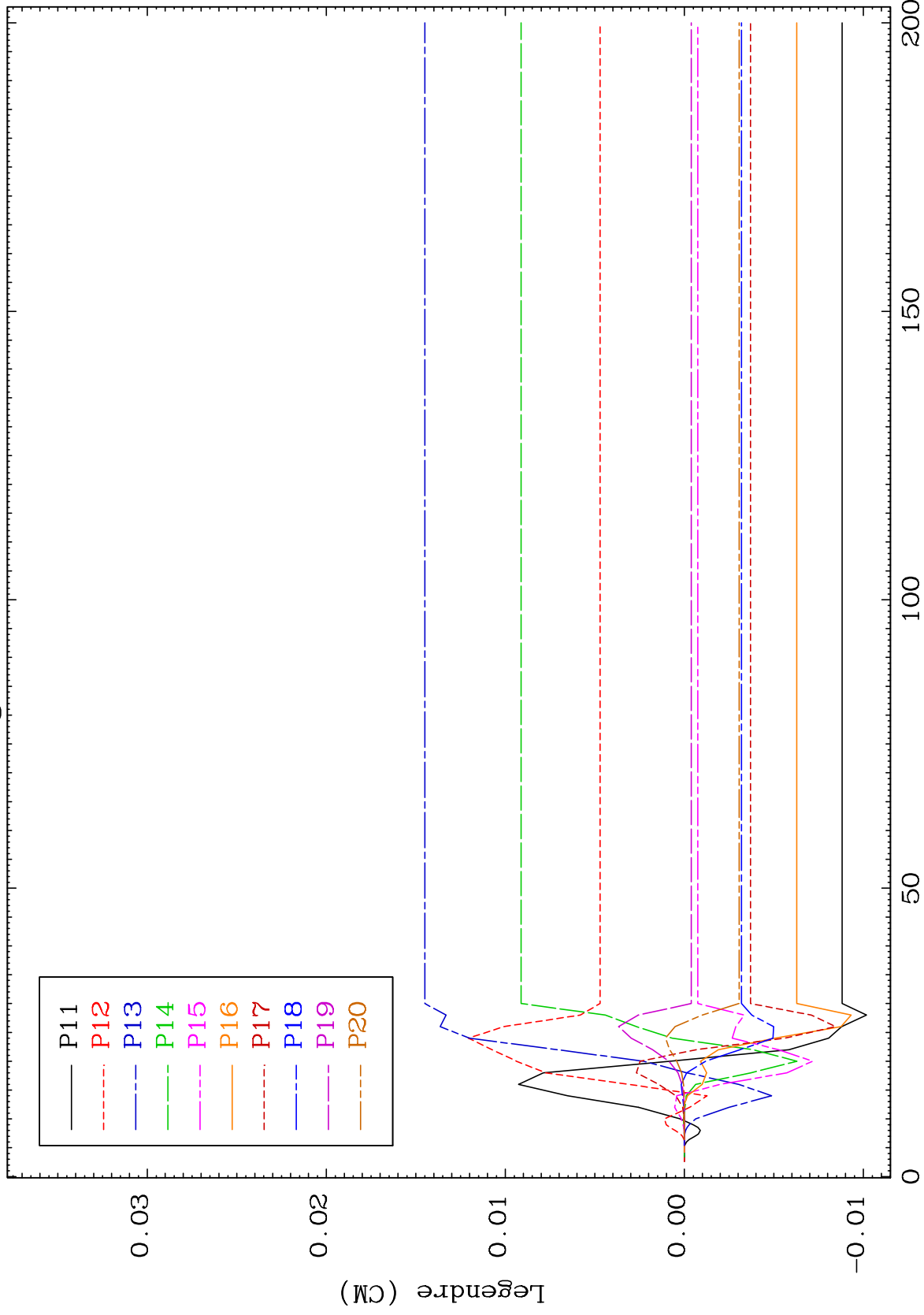
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



45

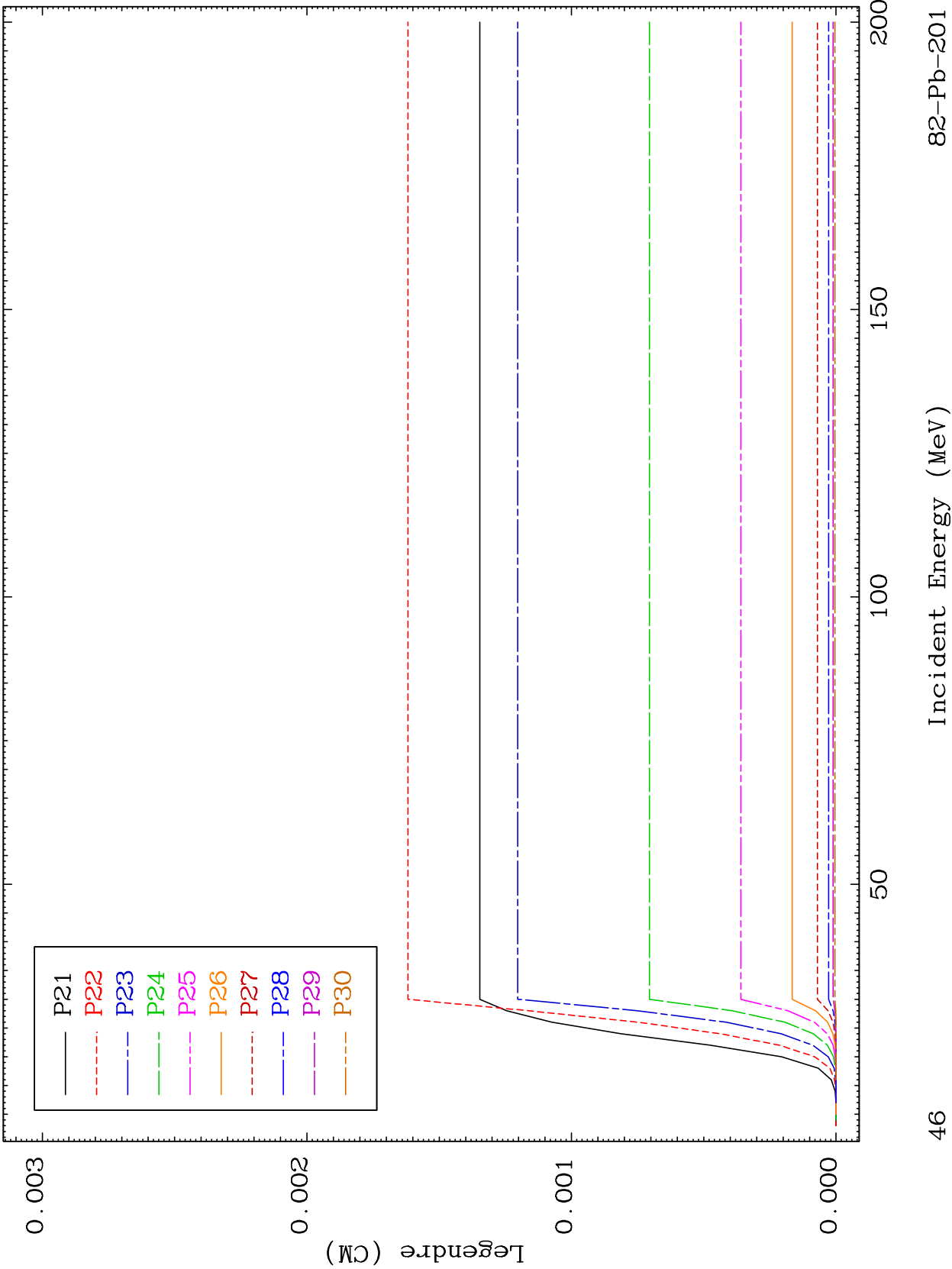
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



46

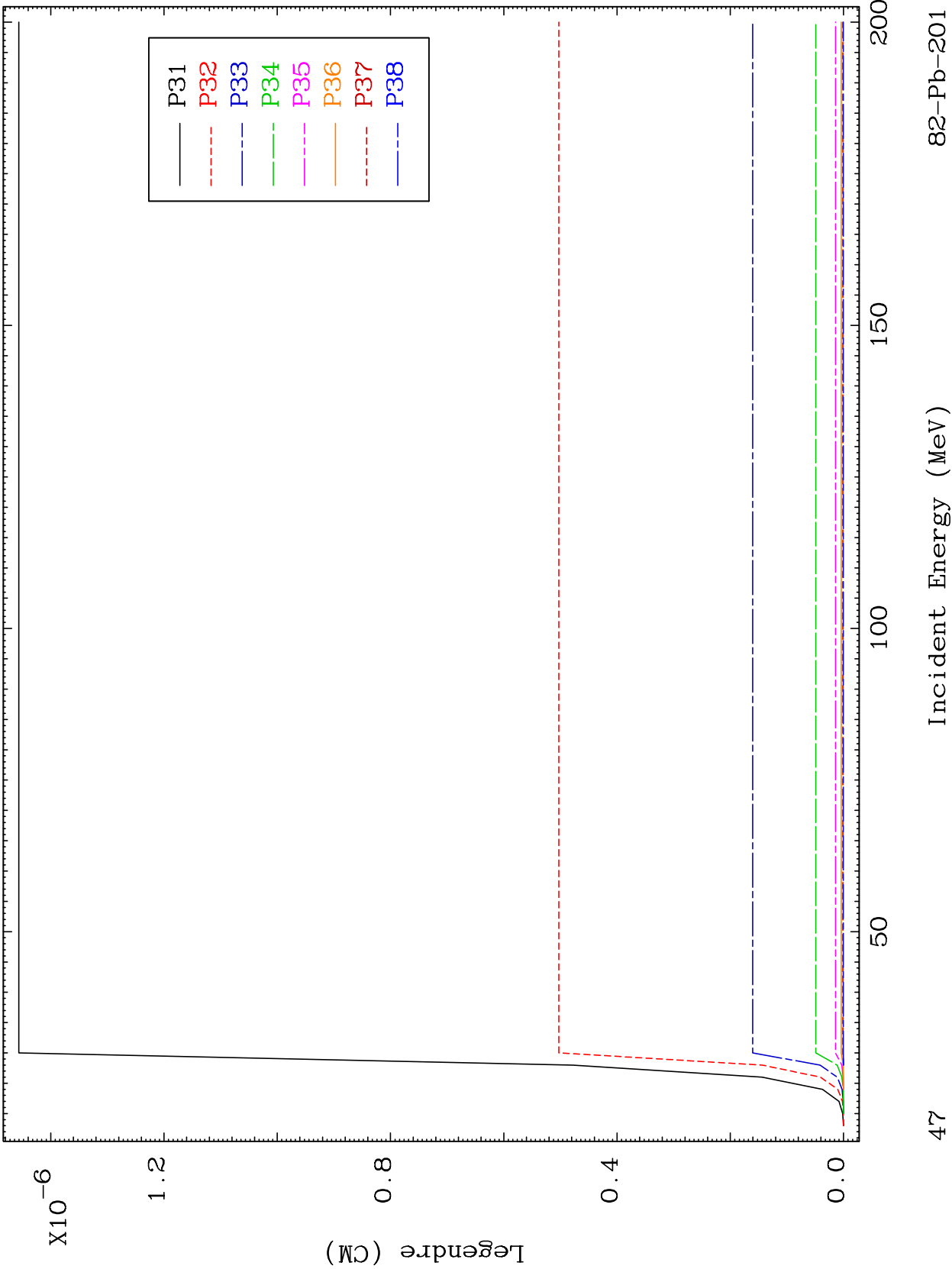
Incident Energy (MeV)

82-Pb-201

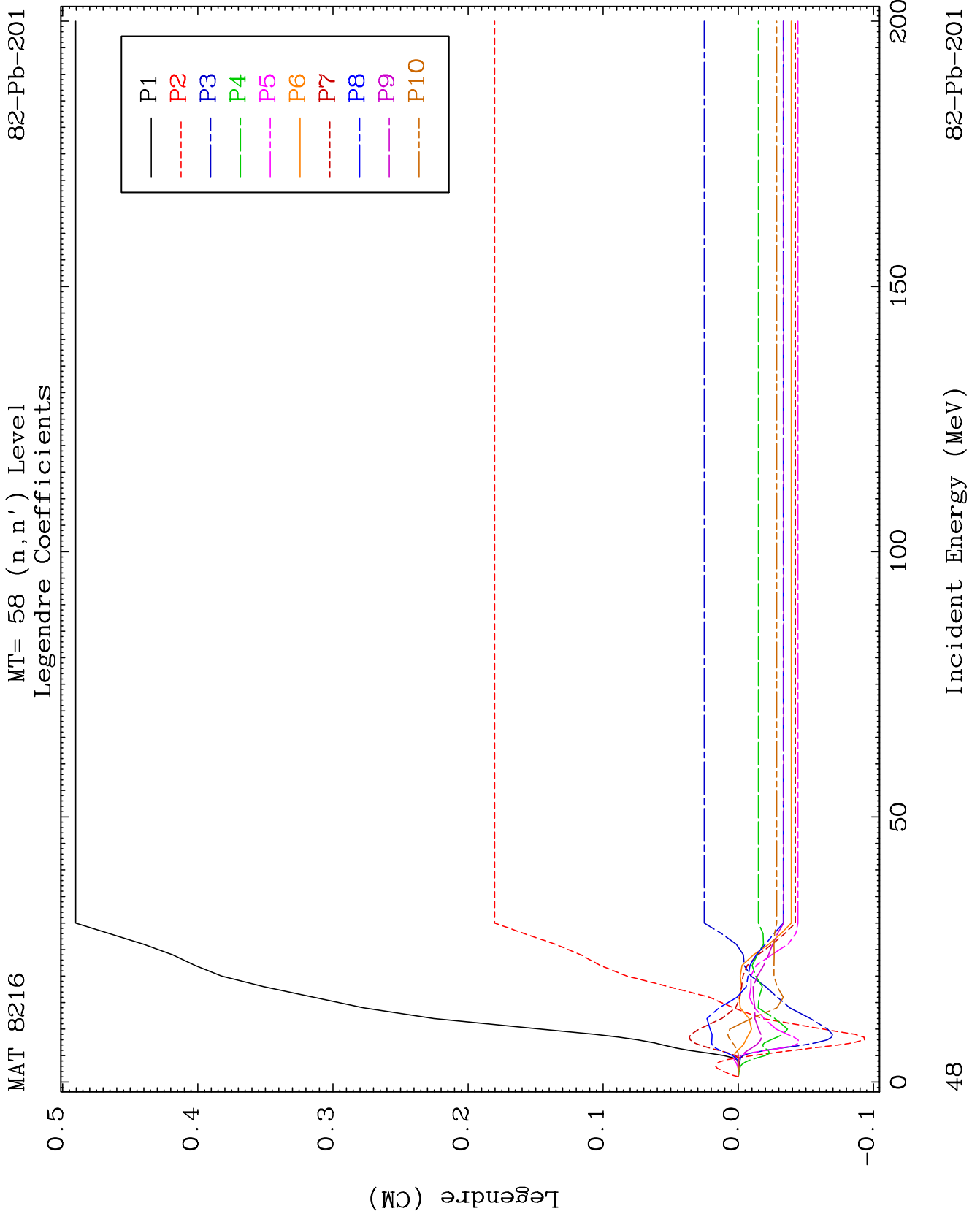
MAT 8216

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

82-Pb-201



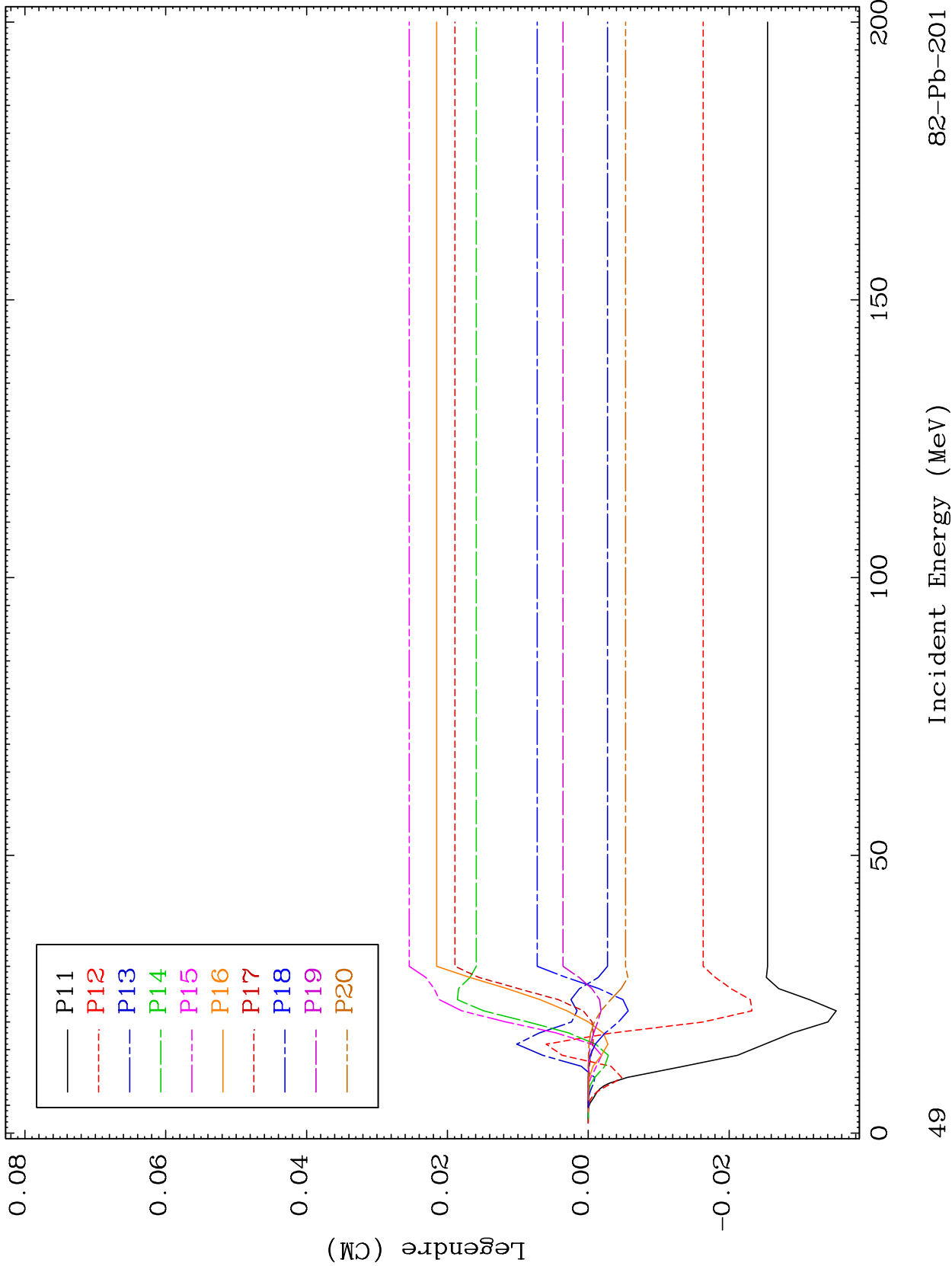




MAT 8216

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

82-Pb-201



49

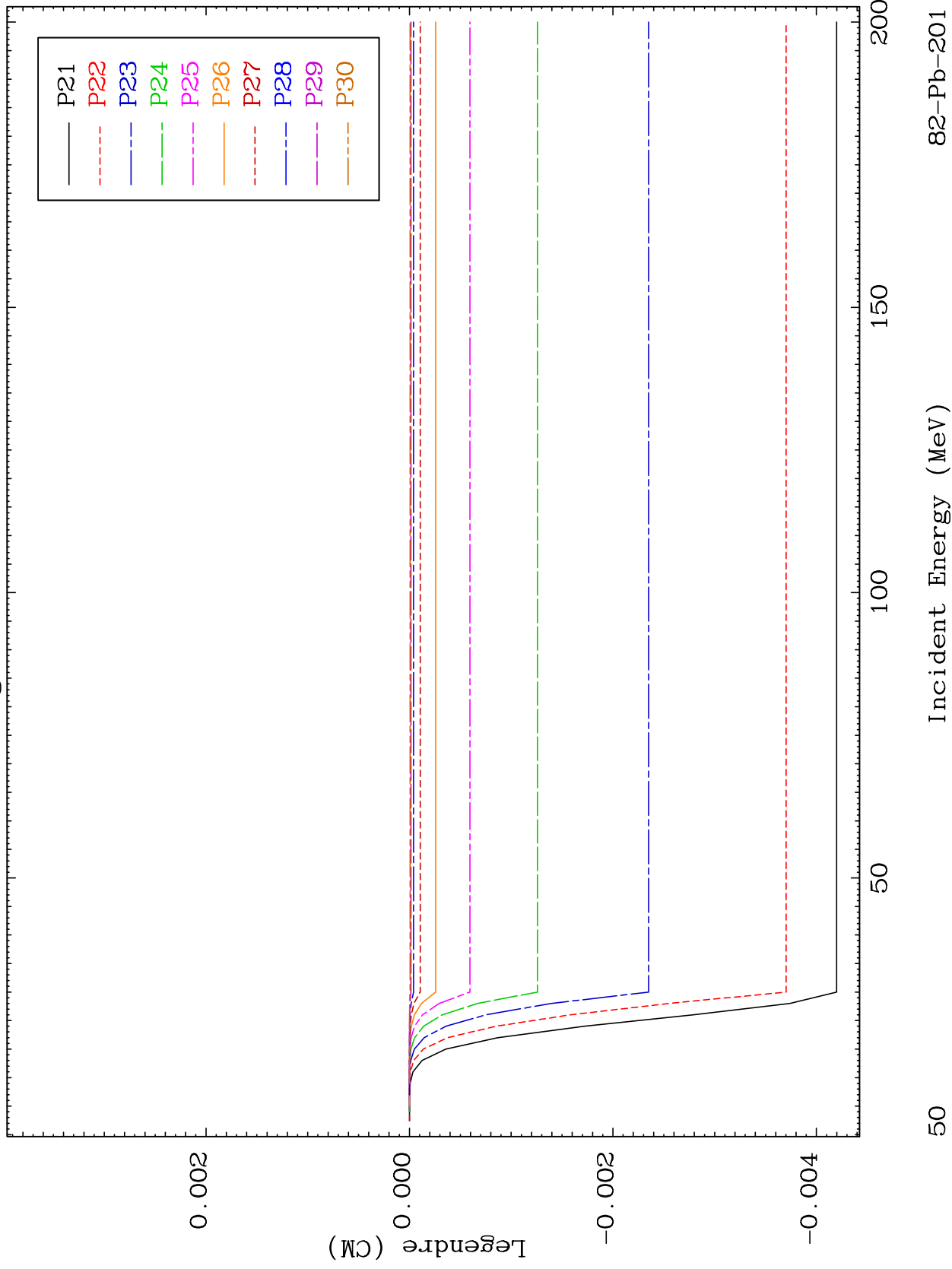
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

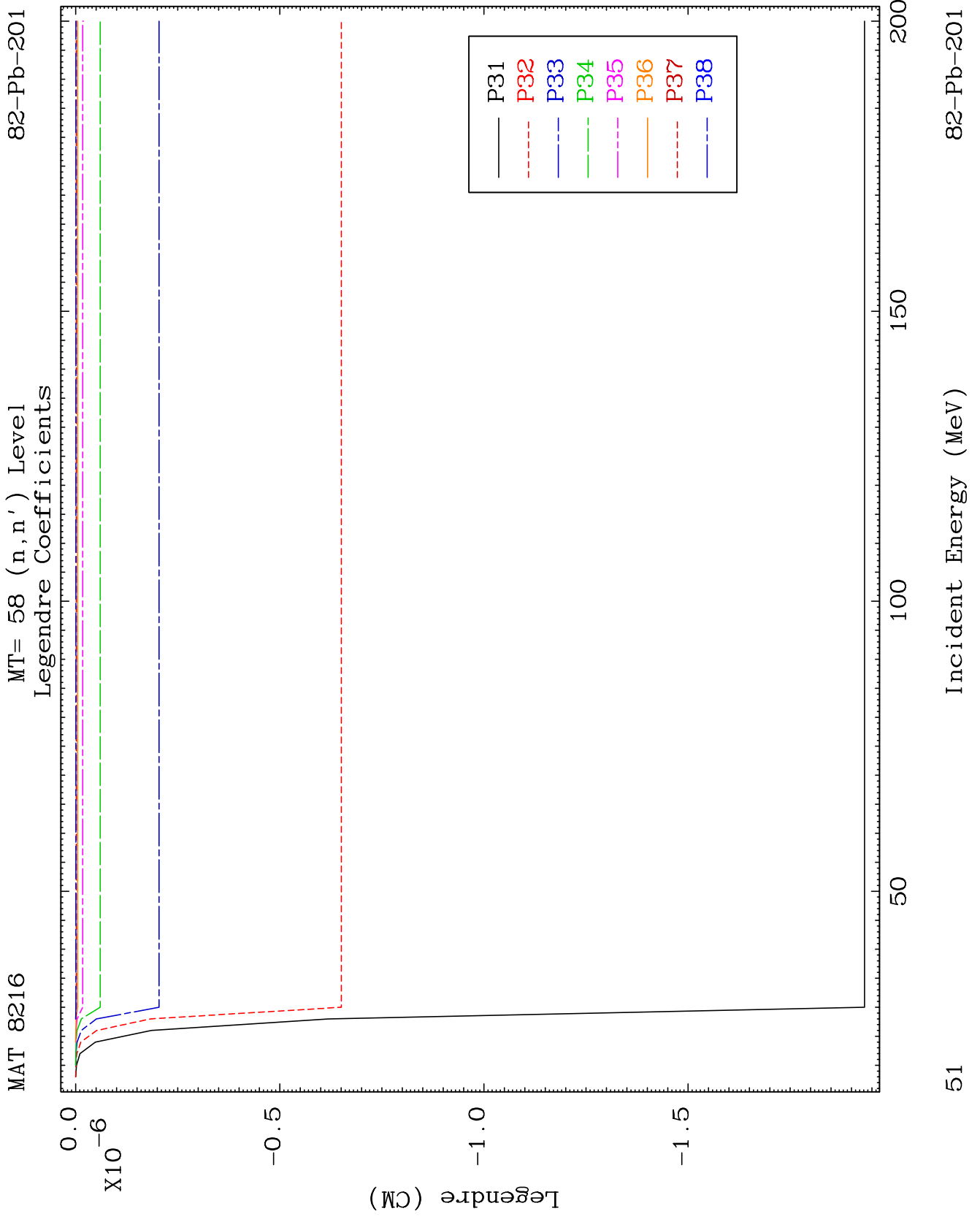
82-Pb-201



82-Pb-201

Incident Energy (MeV)

50

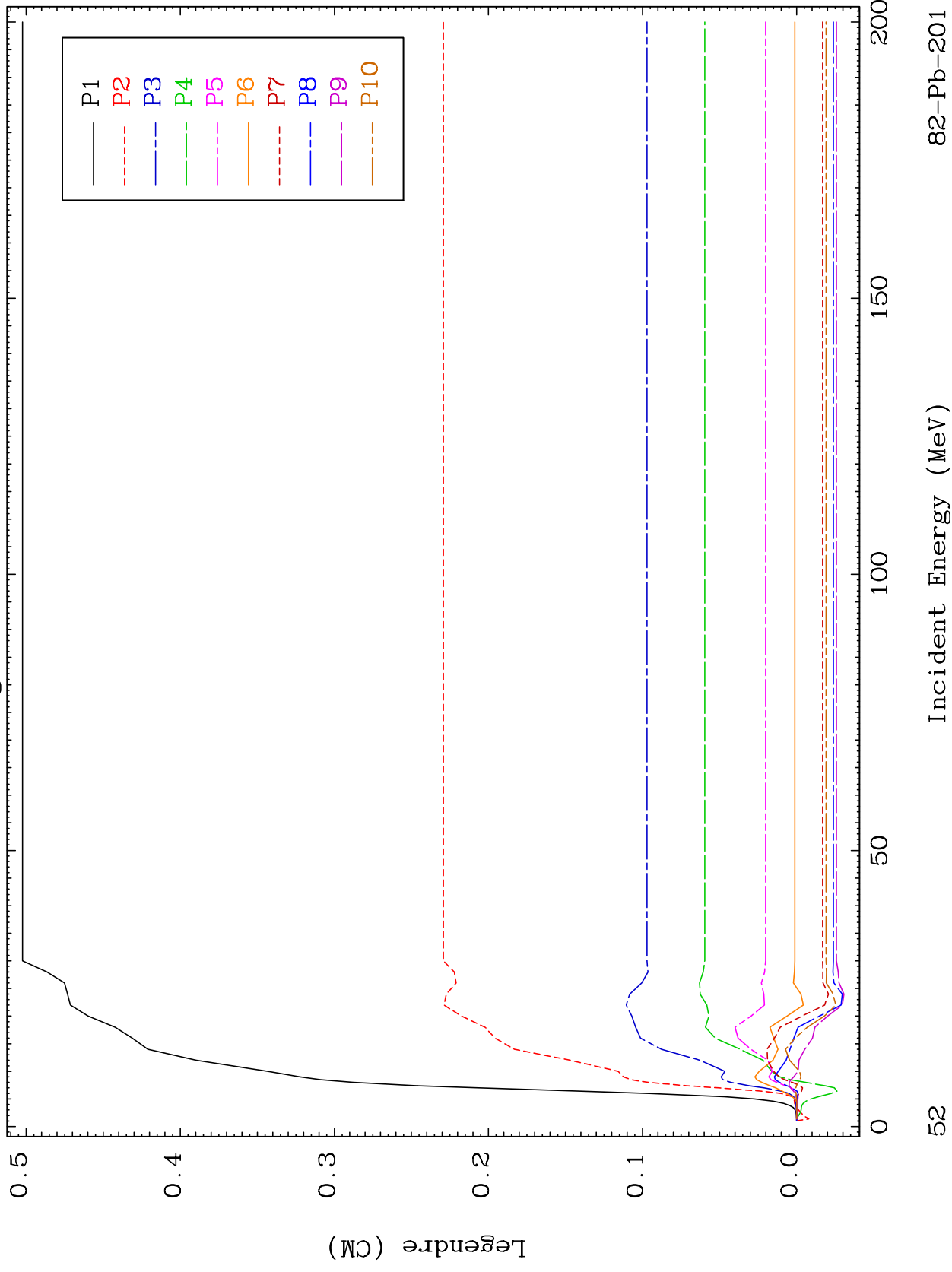


MAT 8216

MT= 59 (n,n') Level

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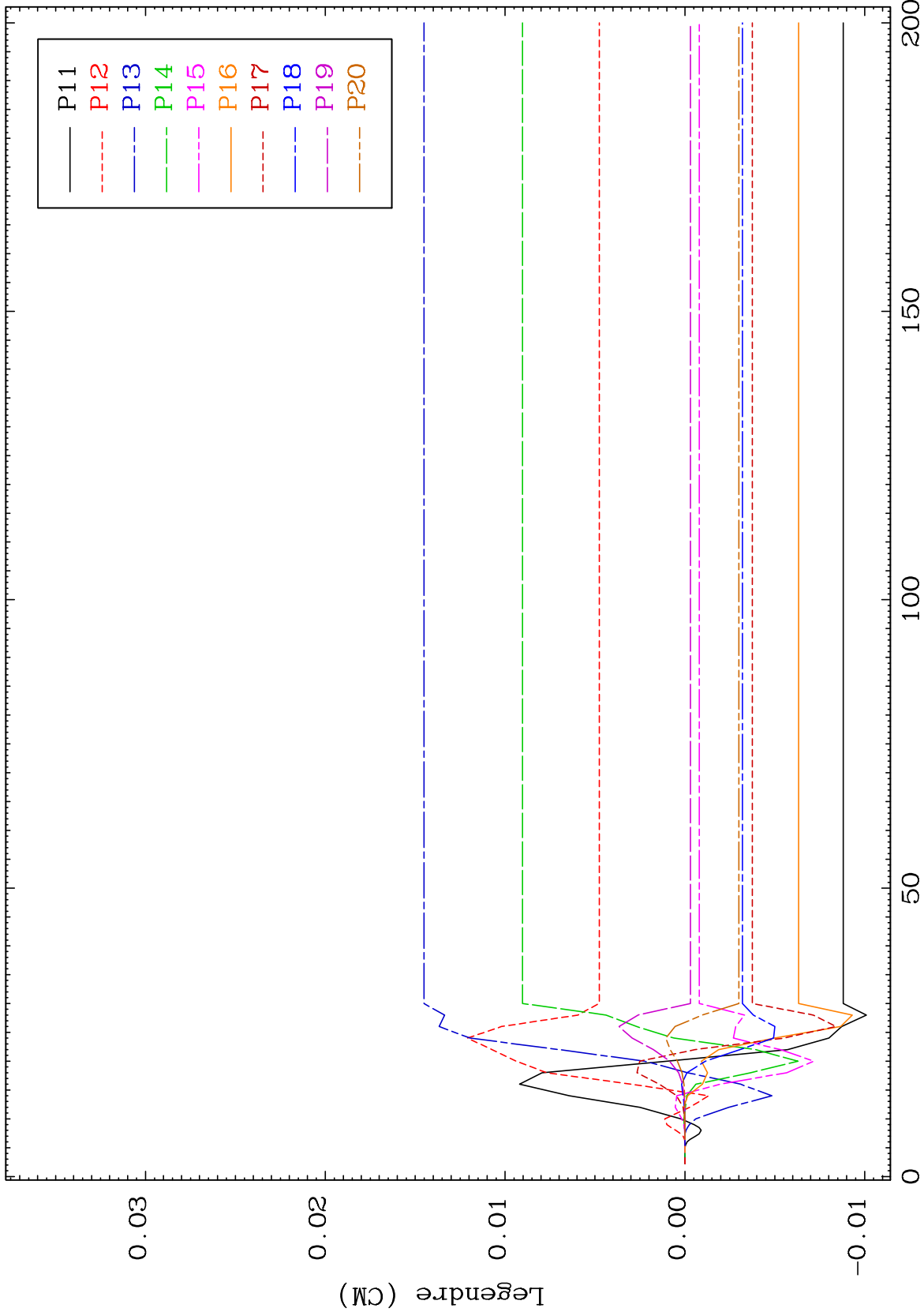
Legendre Coefficients



MAT 8216

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

82-Pb-201



53

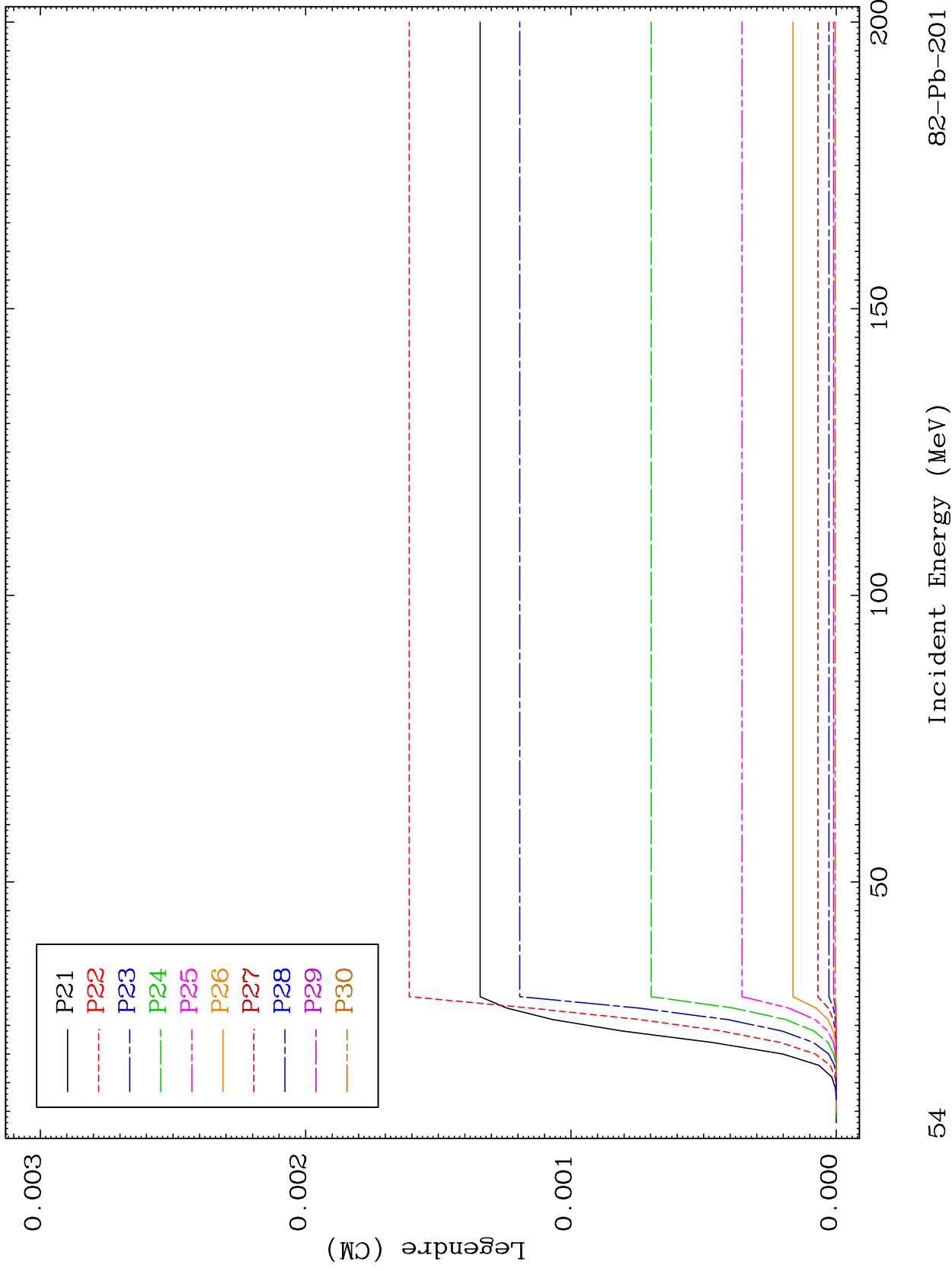
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



54

Incident Energy (MeV)

82-Pb-201

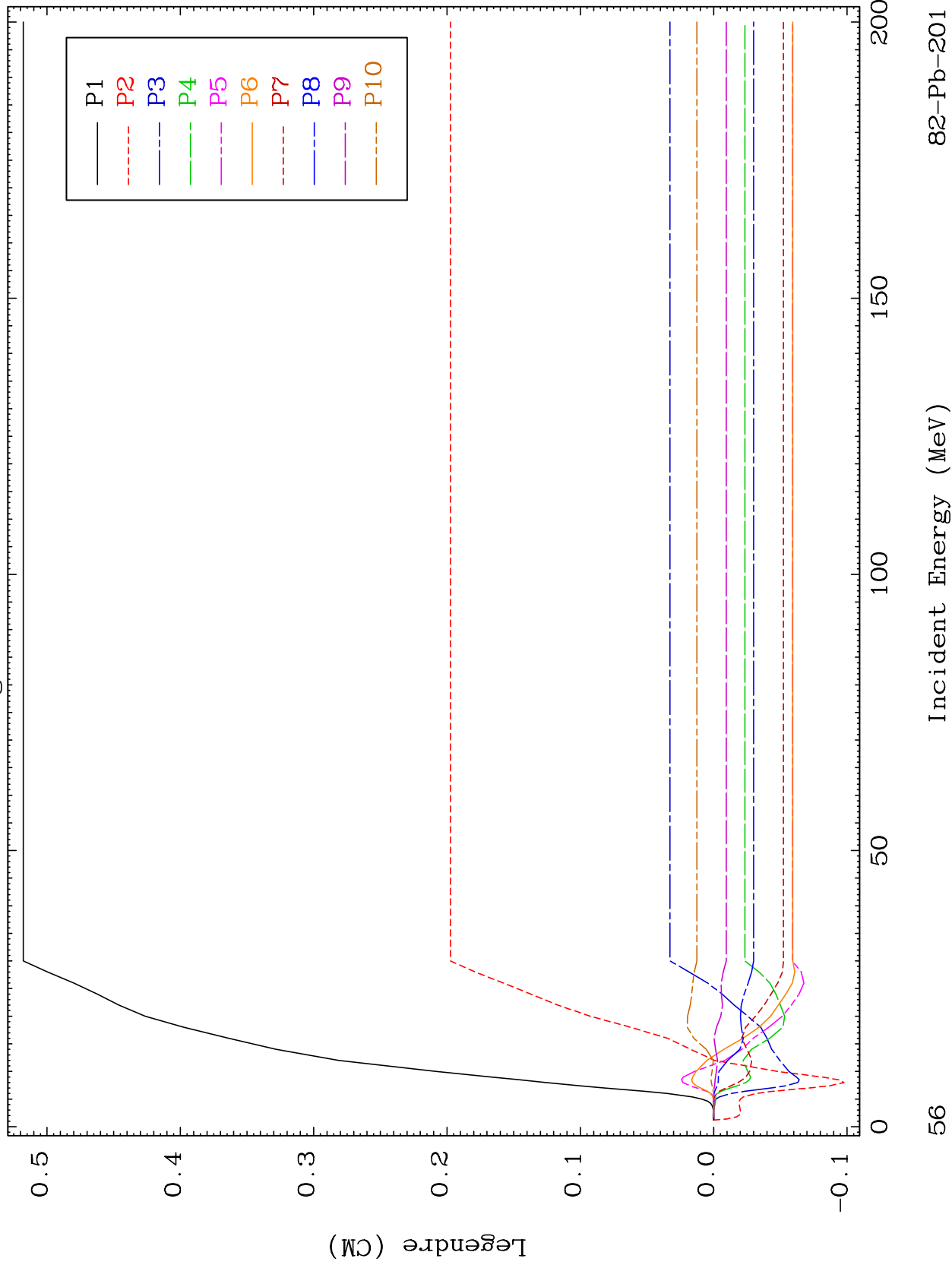




MAT 8216

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

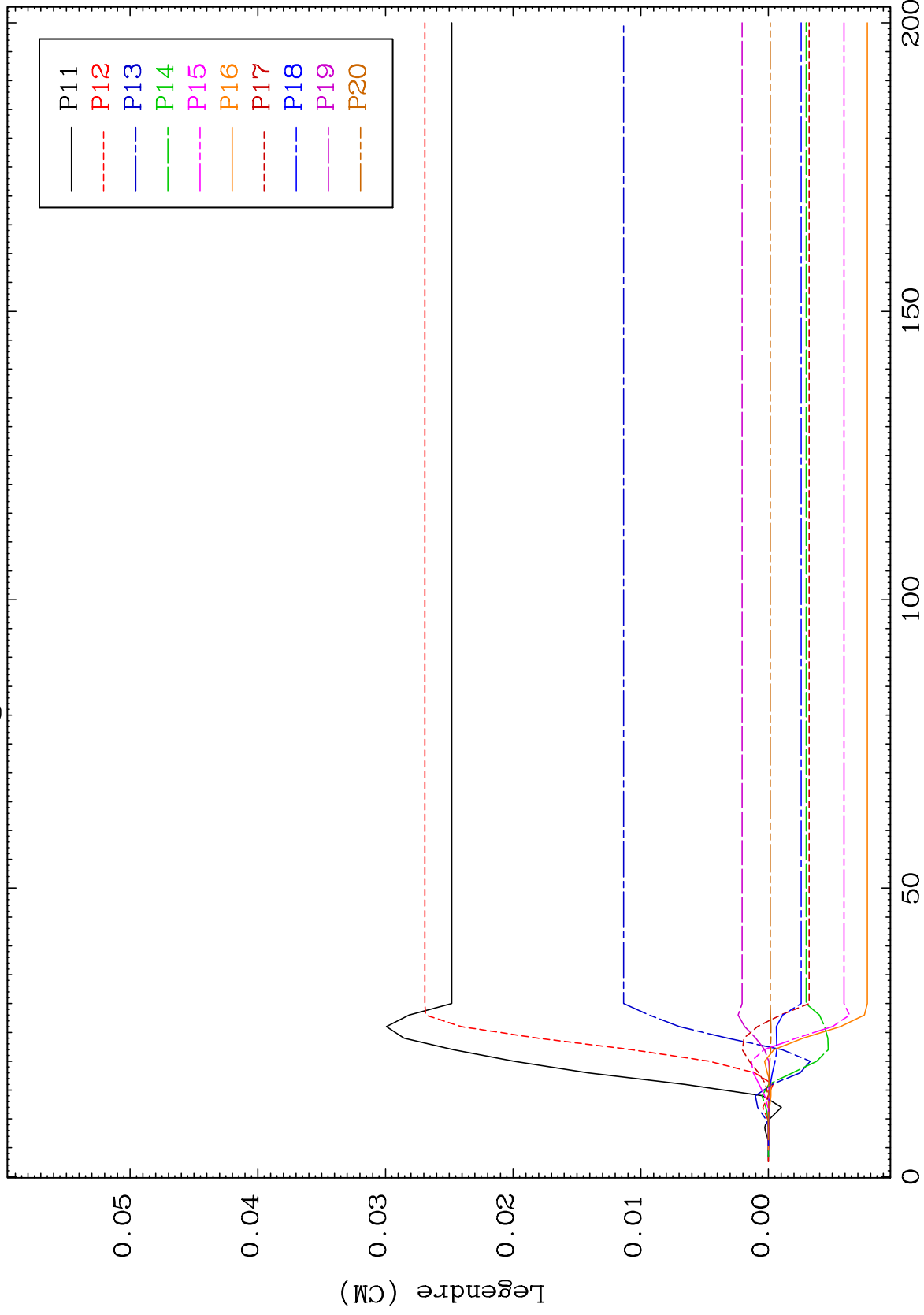
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MAT 8216

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

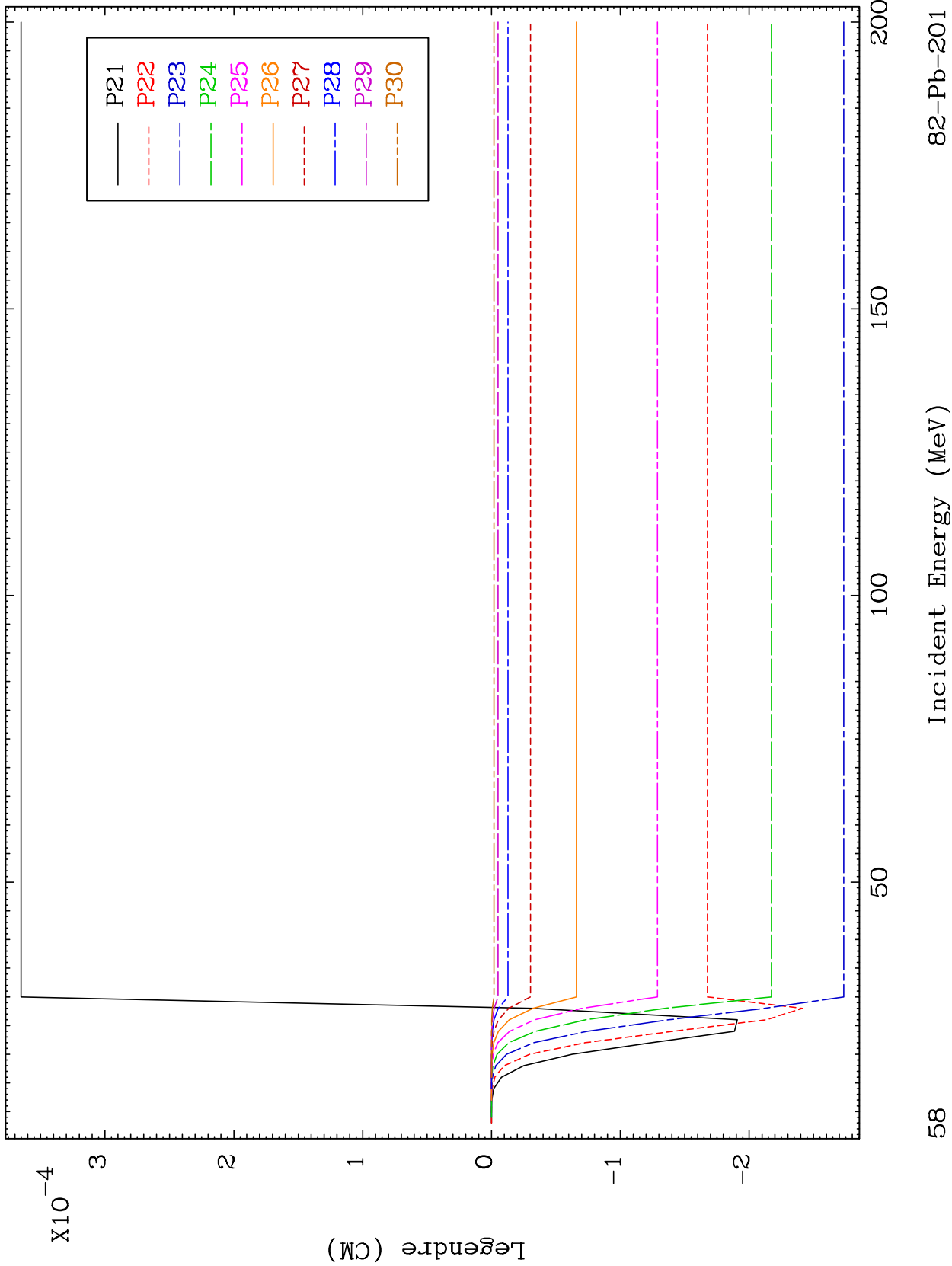
82-Pb-201



MAT 8216

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

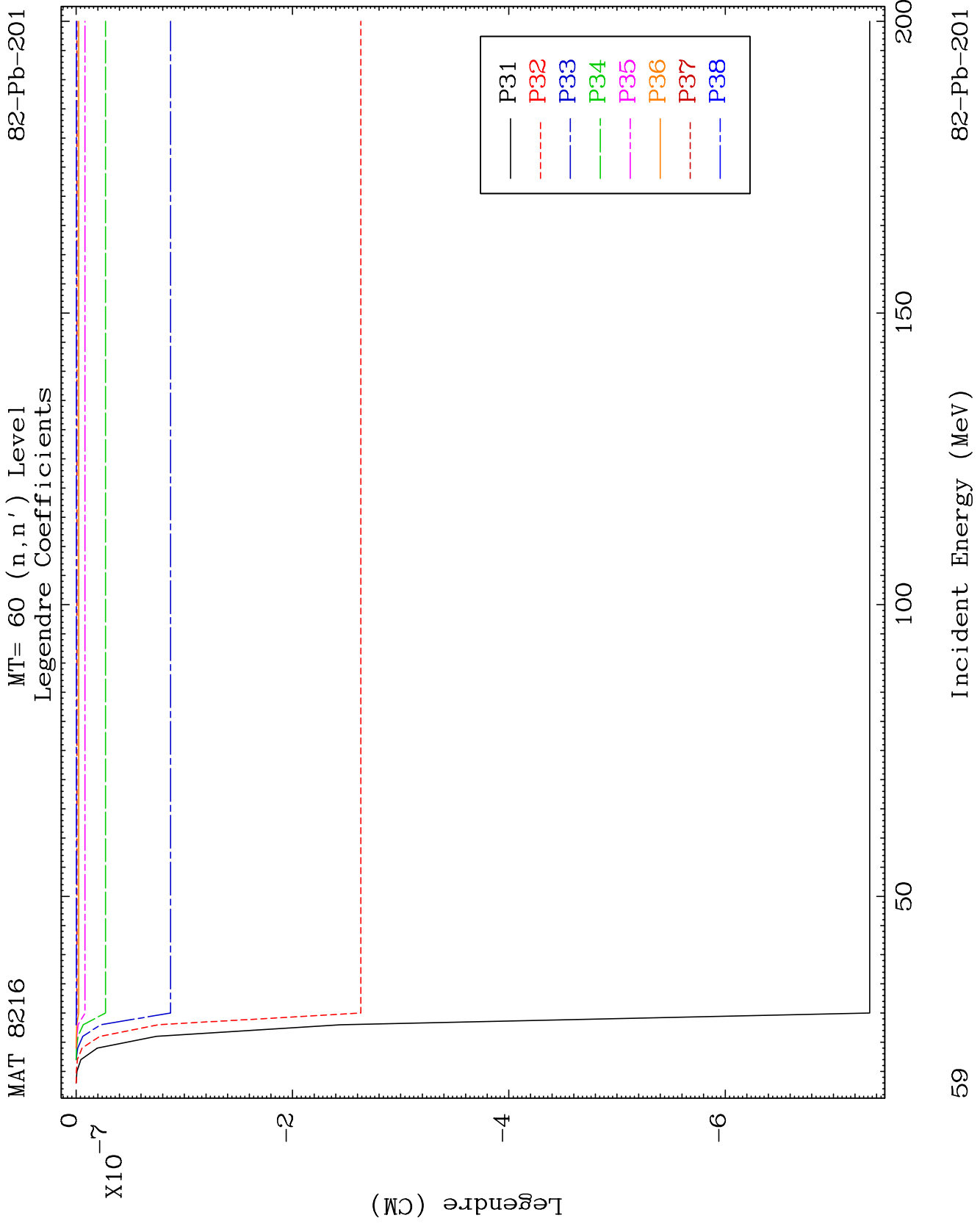
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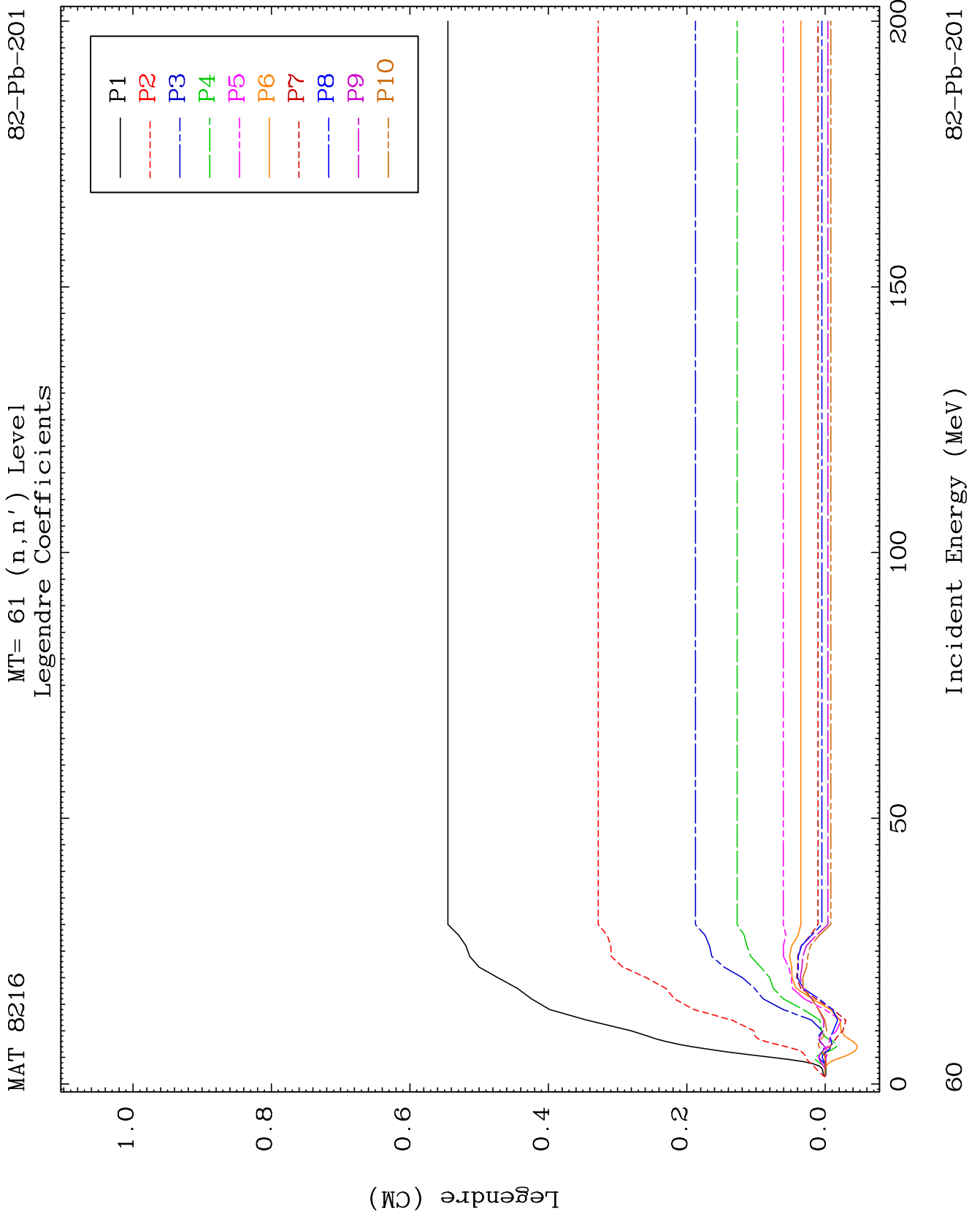


58

Incident Energy (MeV)

82-Pb-201

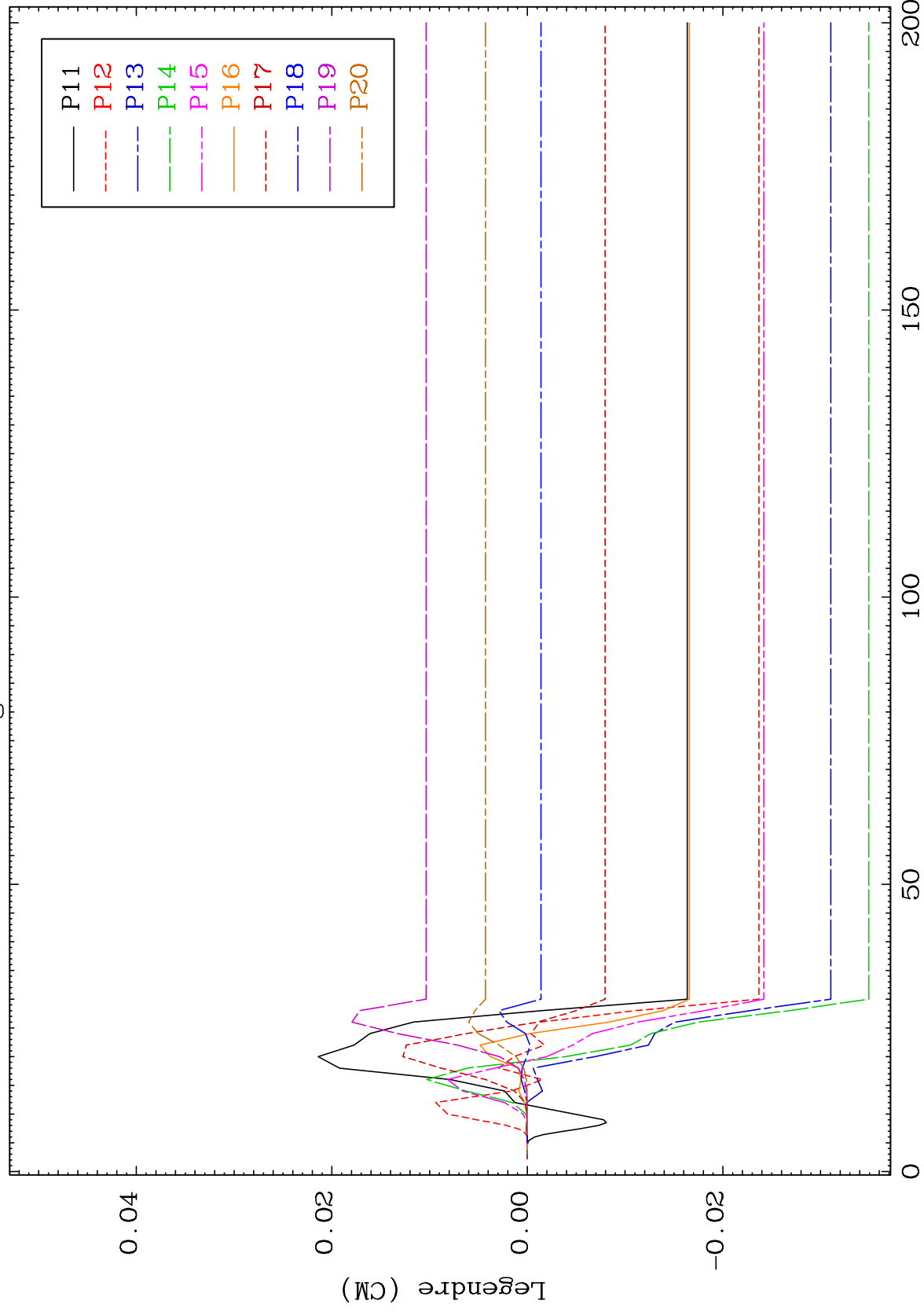




MAT 8216

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

82-Pb-201



61

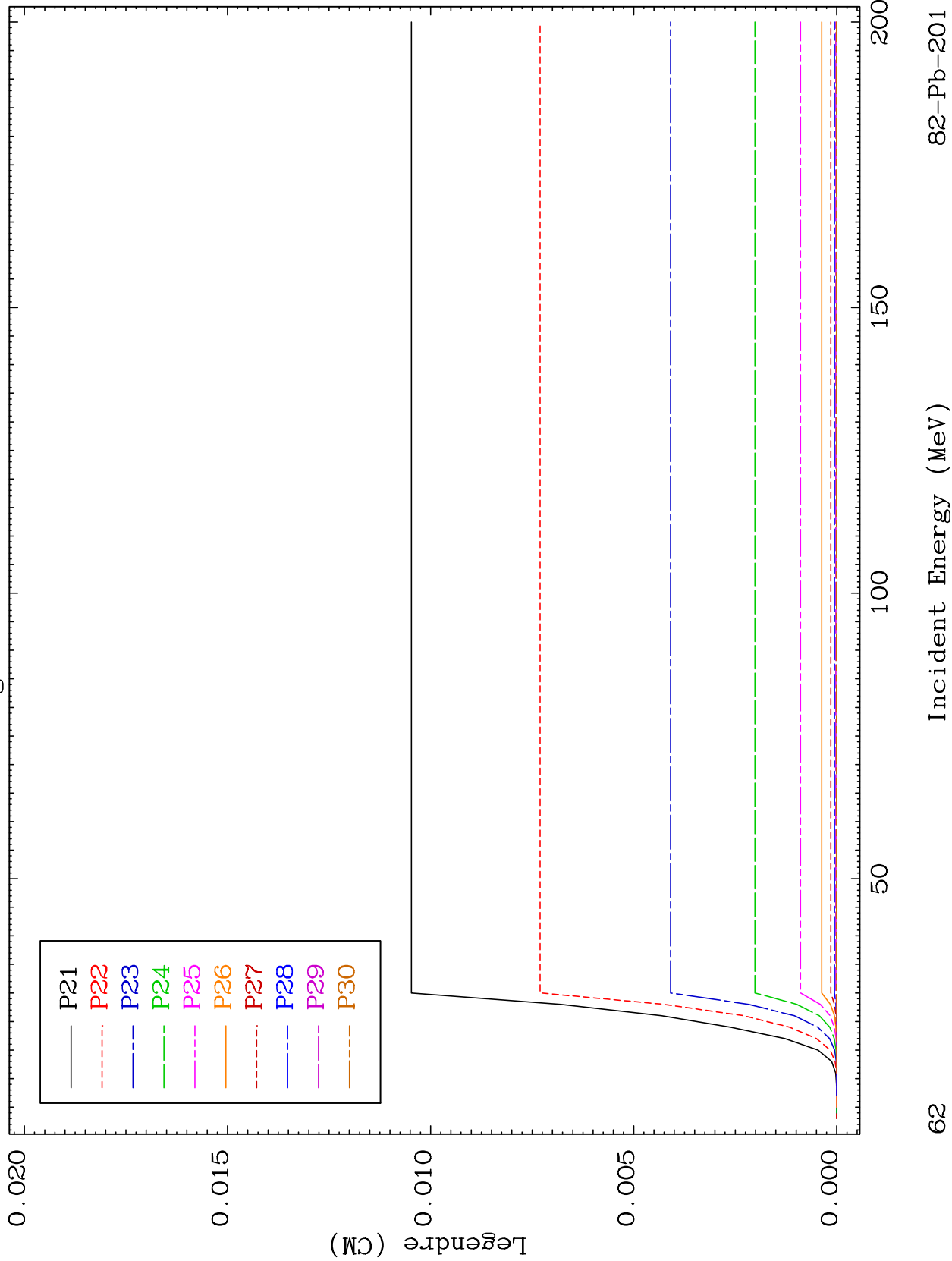
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



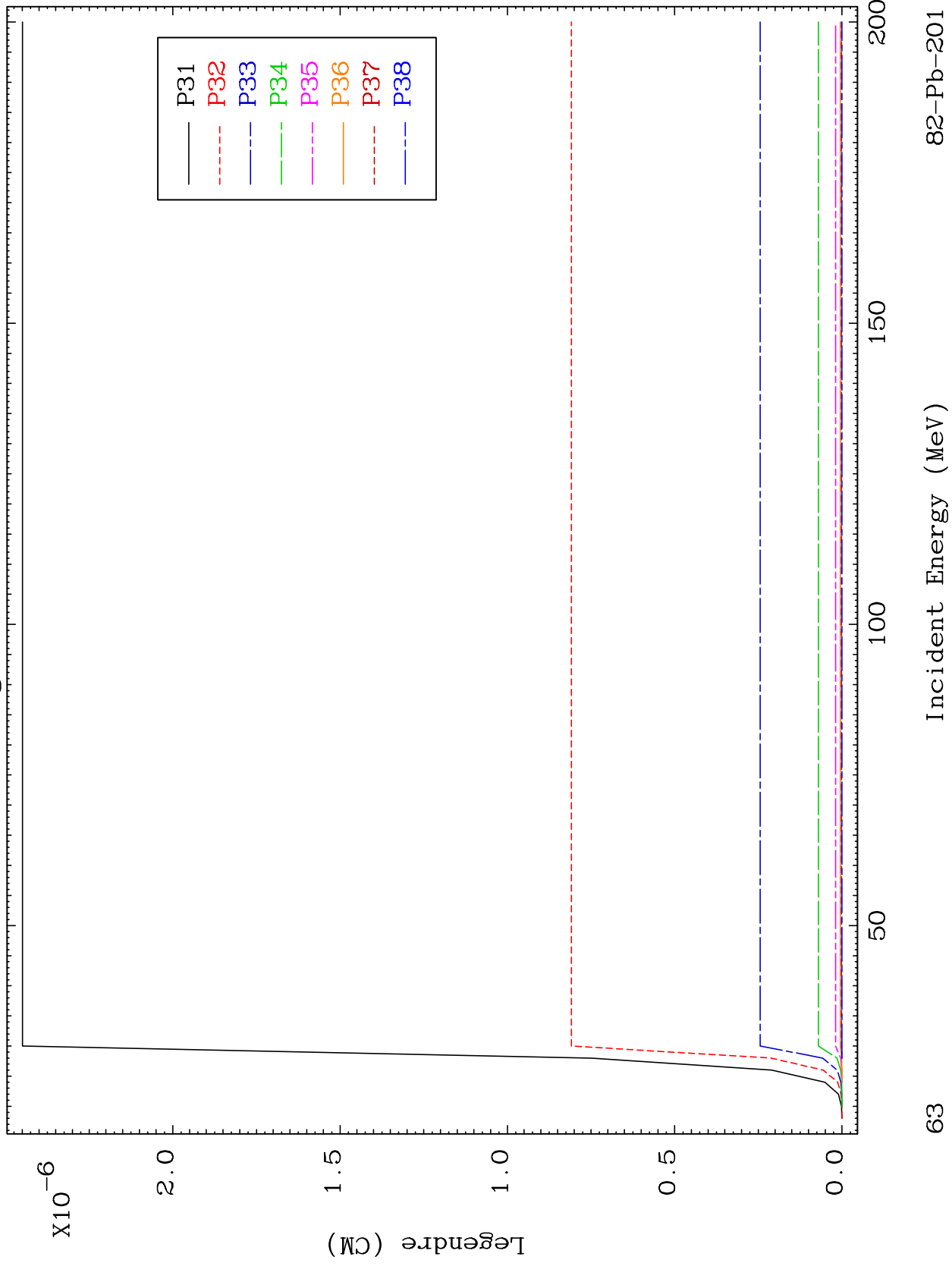
62

82-Pb-201

MAT 8216

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

82-Pb-201



63

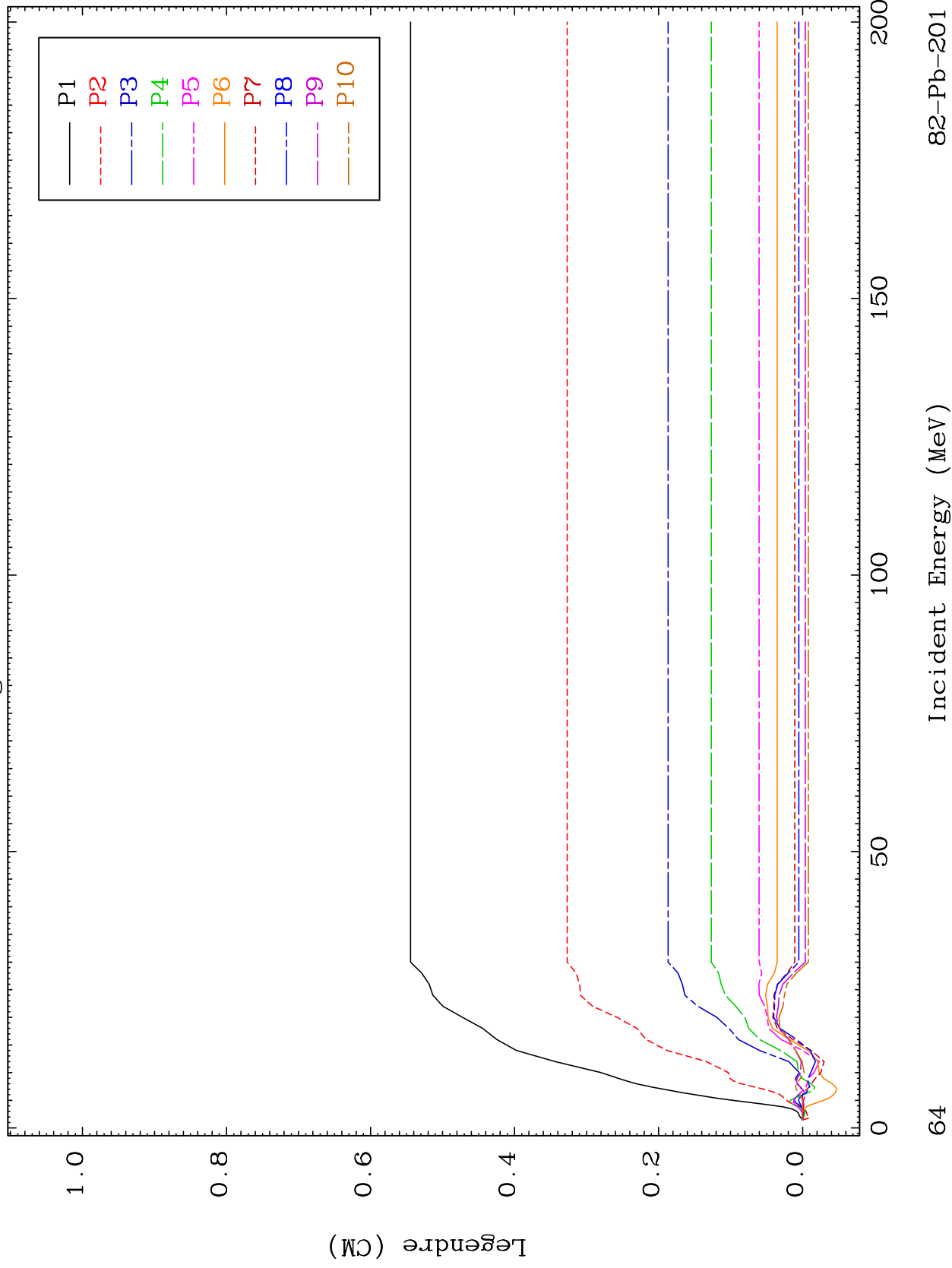
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MAT 8216

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

82-Pb-201



82-Pb-201

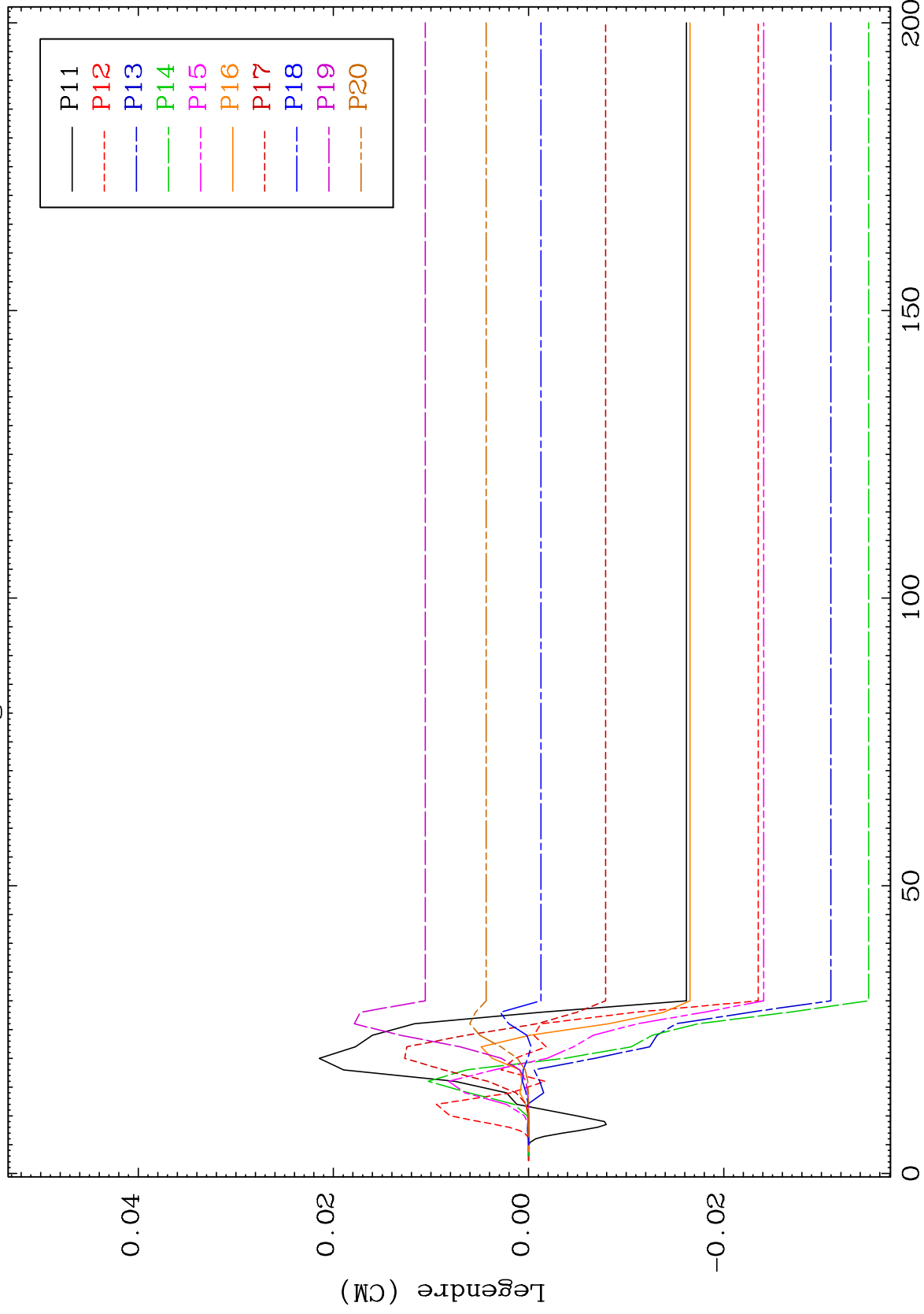
Incident Energy (MeV)

64

MAT 8216

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

82-Pb-201



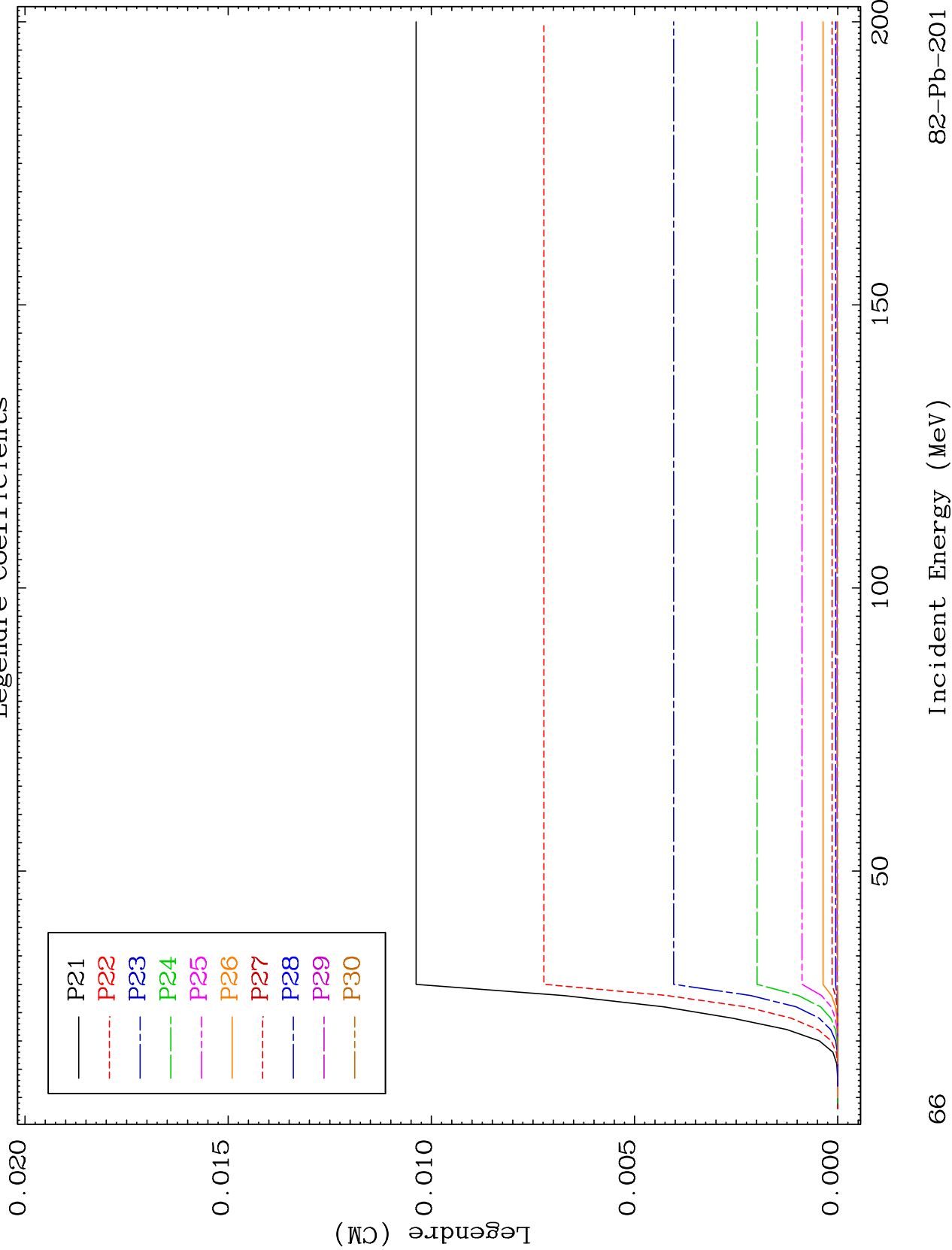
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82-Pb-201

MAT 8216

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

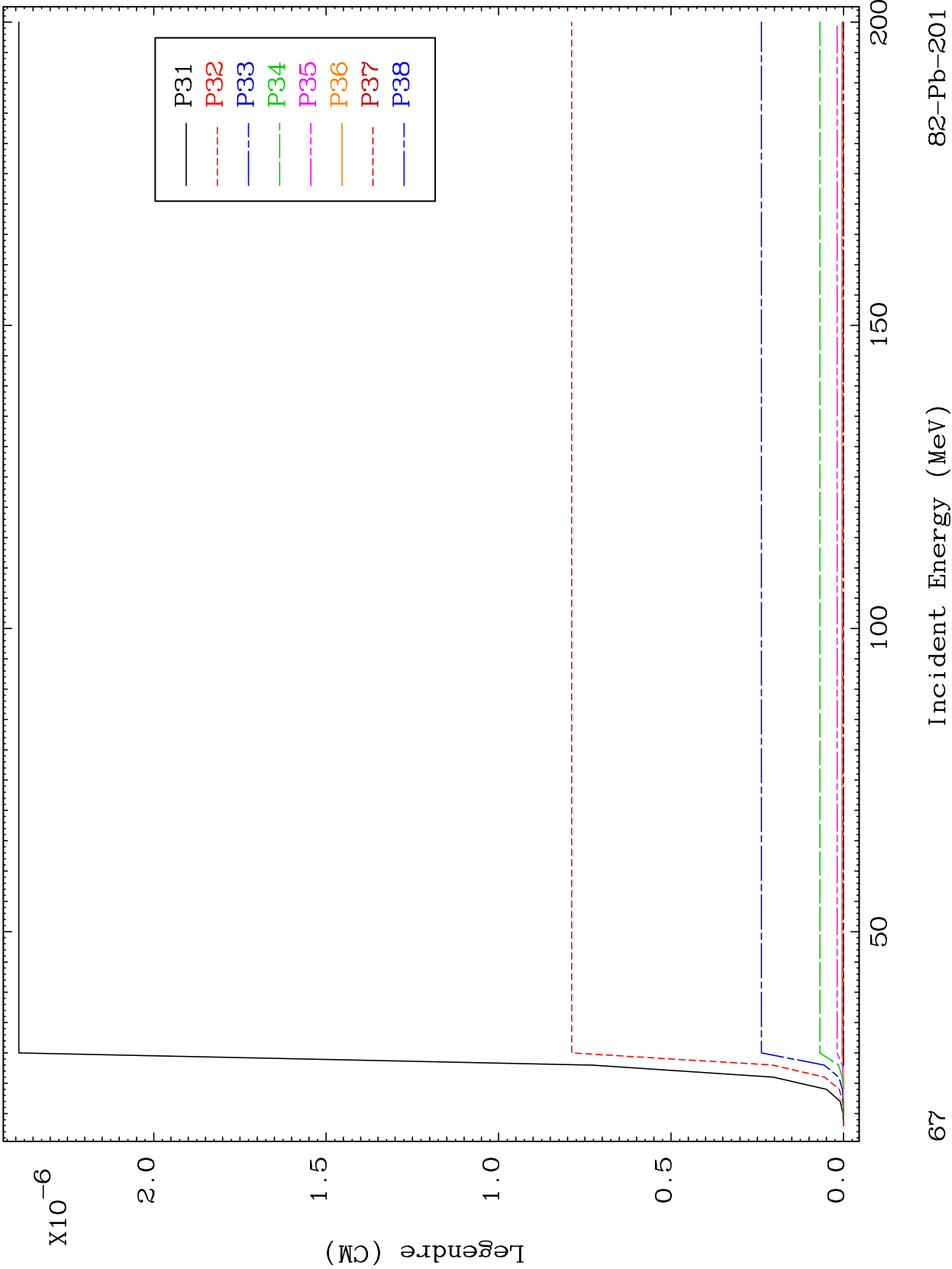
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MAT 8216

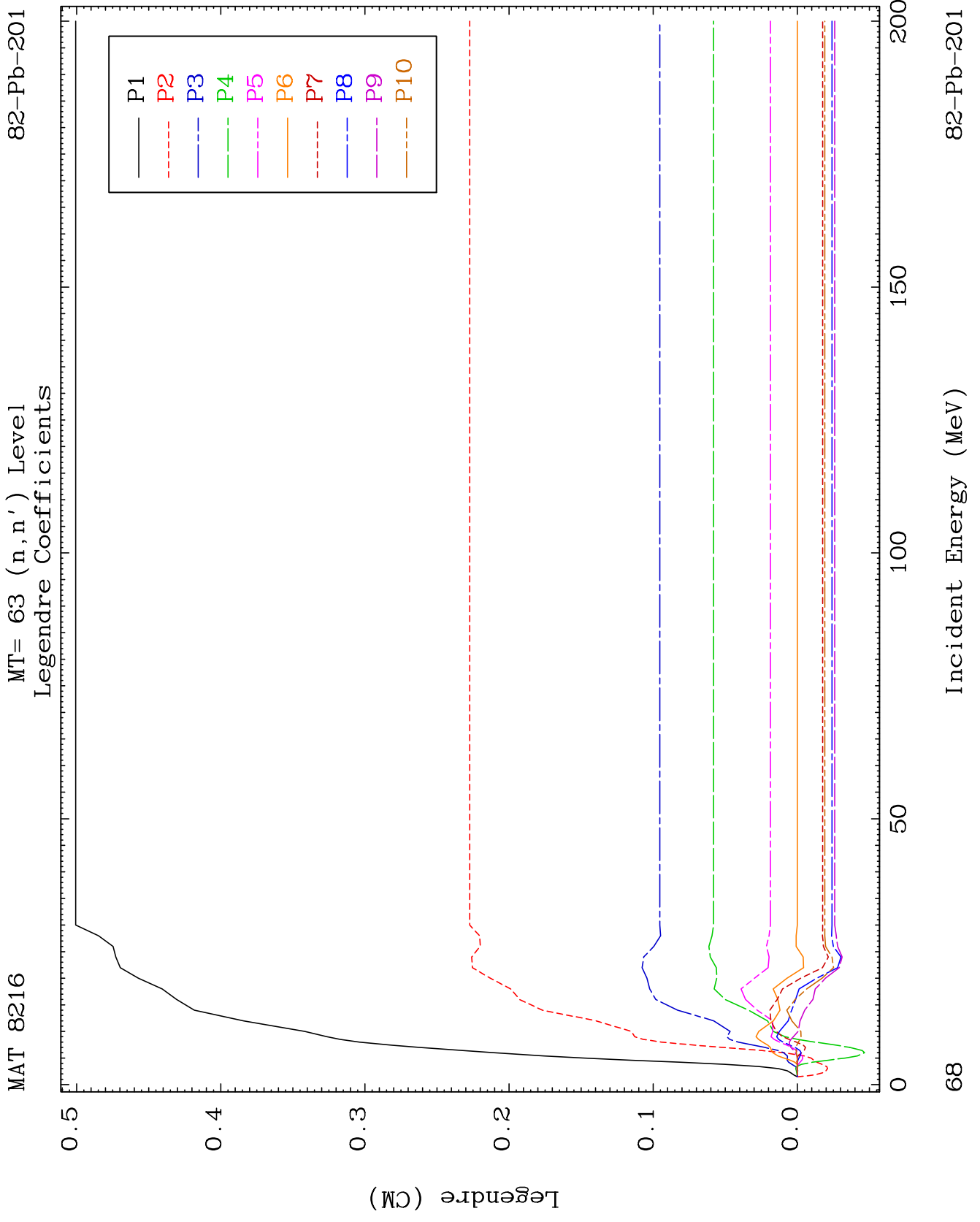
MT= 62 (n,n') Level  
Legendre Coefficients

82-Pb-201



67

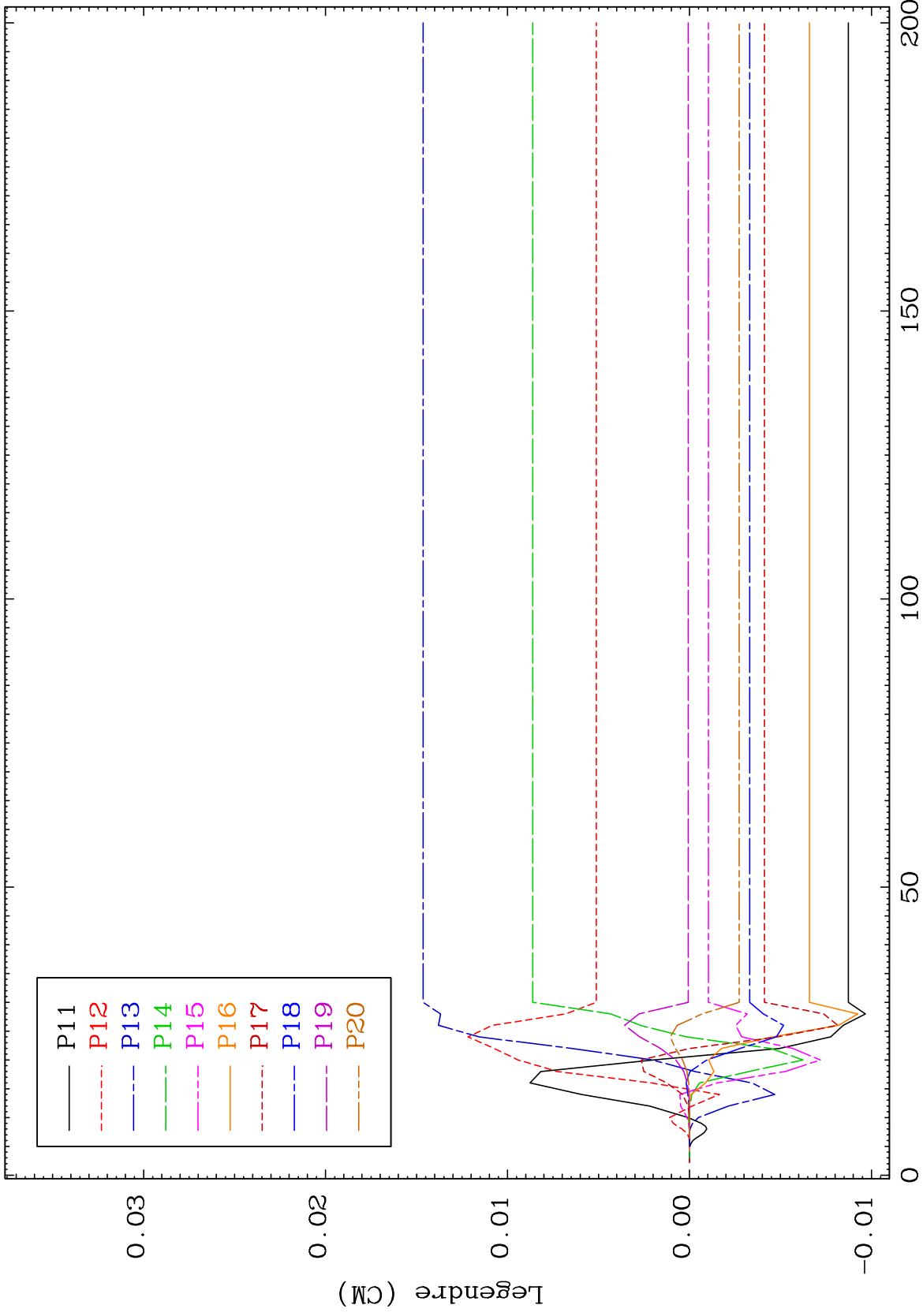
82-Pb-201



MAT 8216

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

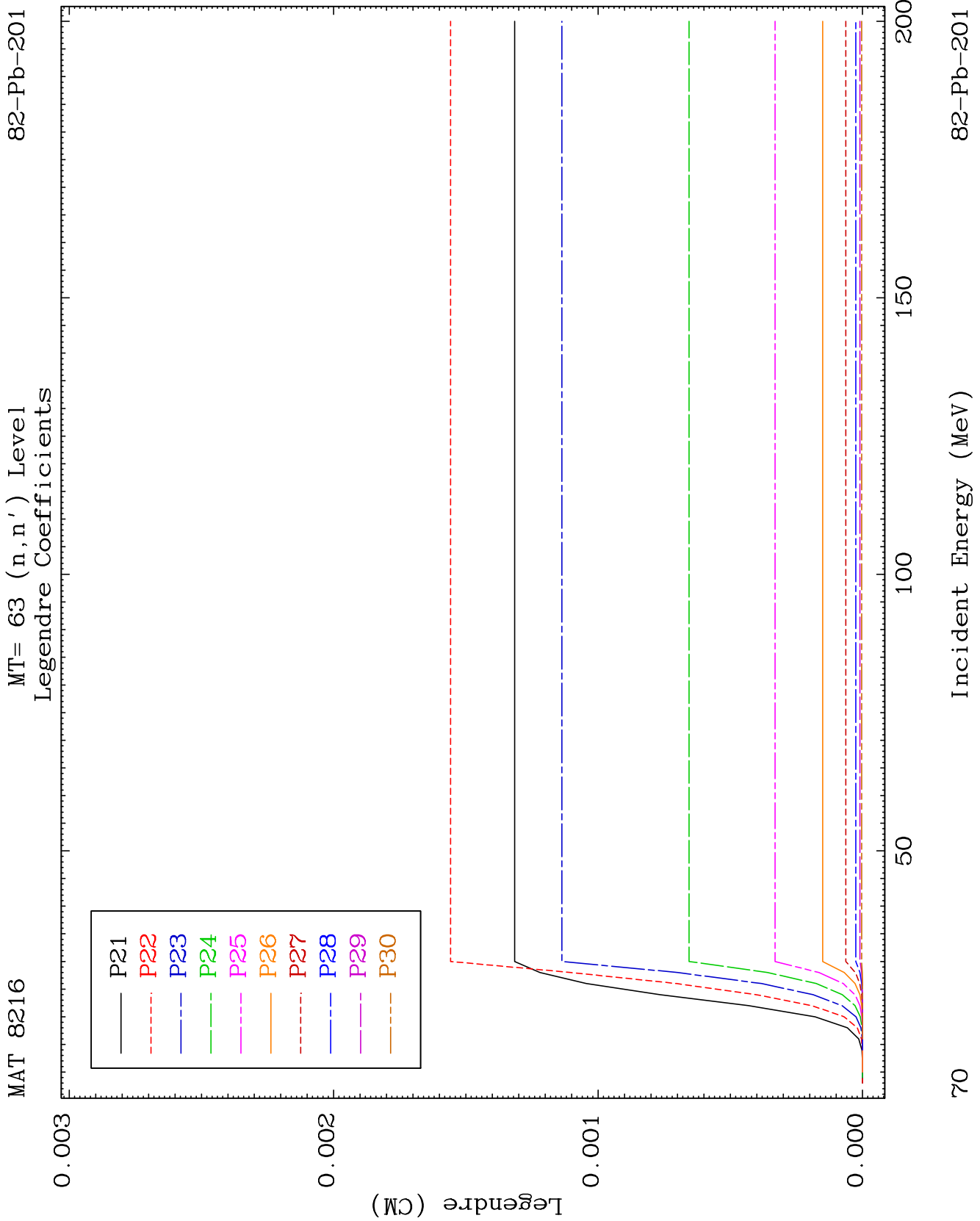
82-Pb-201



69

Incident Energy (MeV)

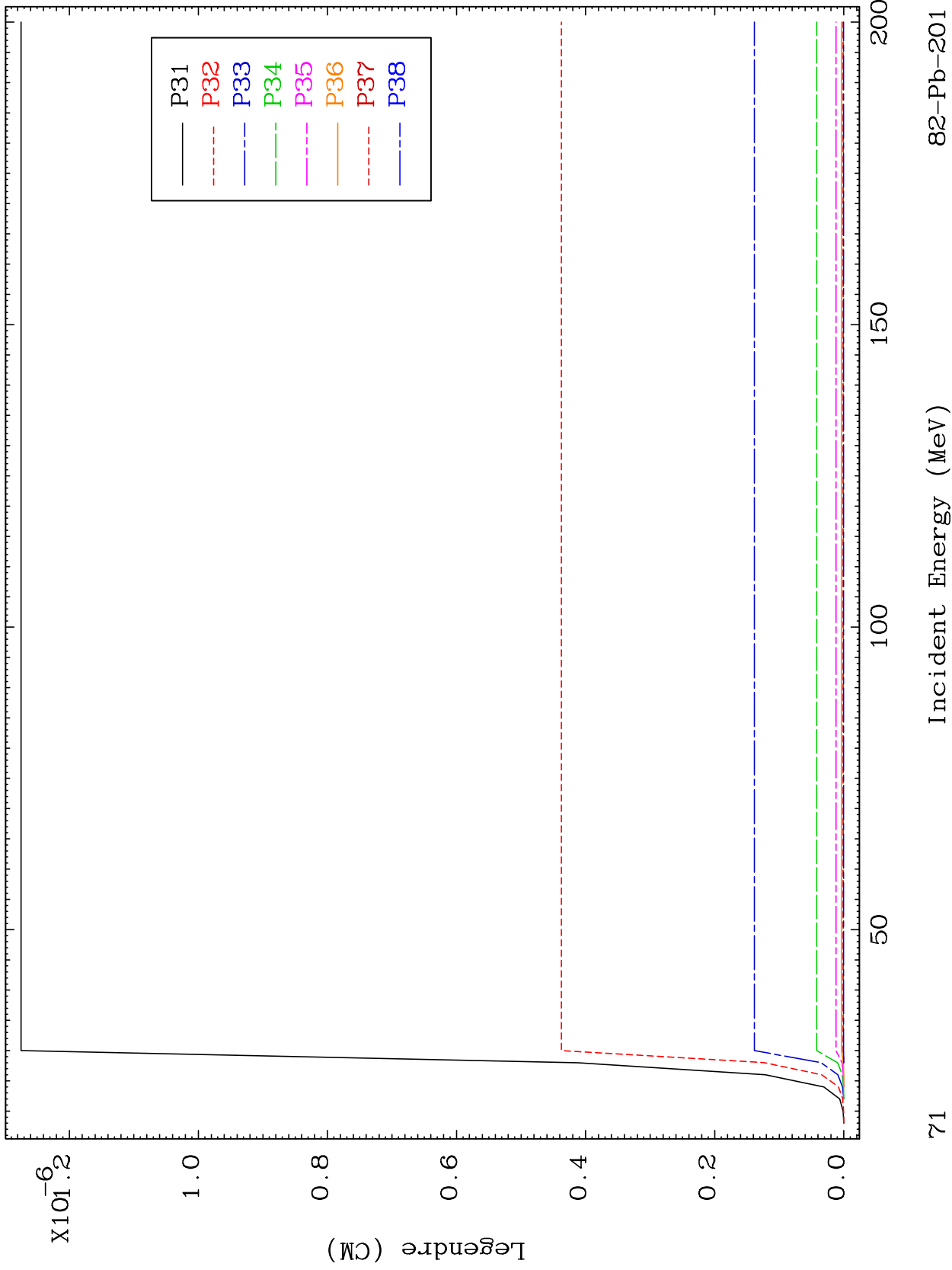
82-Pb-201



MAT 8216

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

82-Pb-201



71

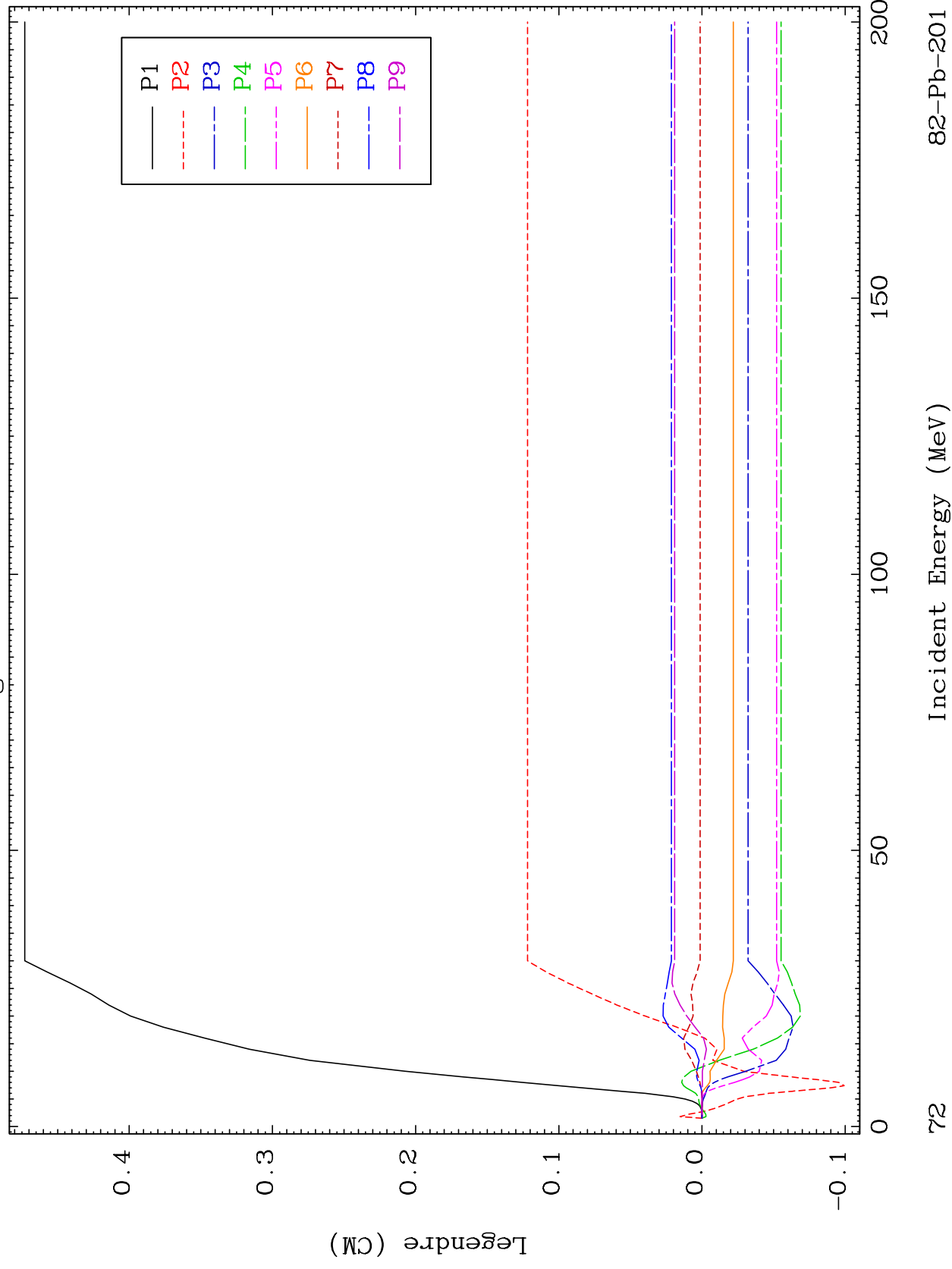
82-Pb-201



MAT 8216

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

82-Pb-201



82-Pb-201

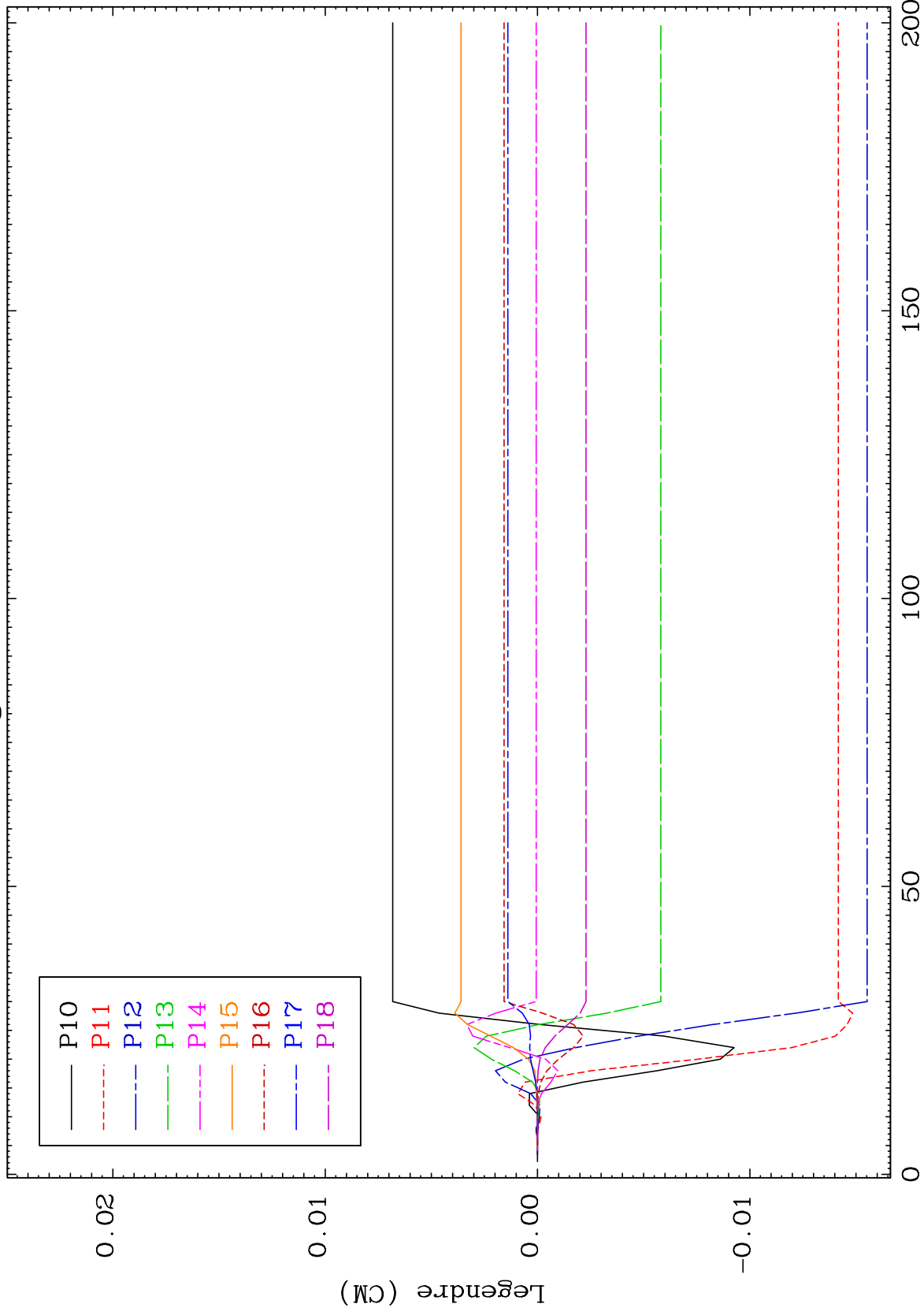
Incident Energy (MeV)

72

MAT 8216

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

82-Pb-201



73

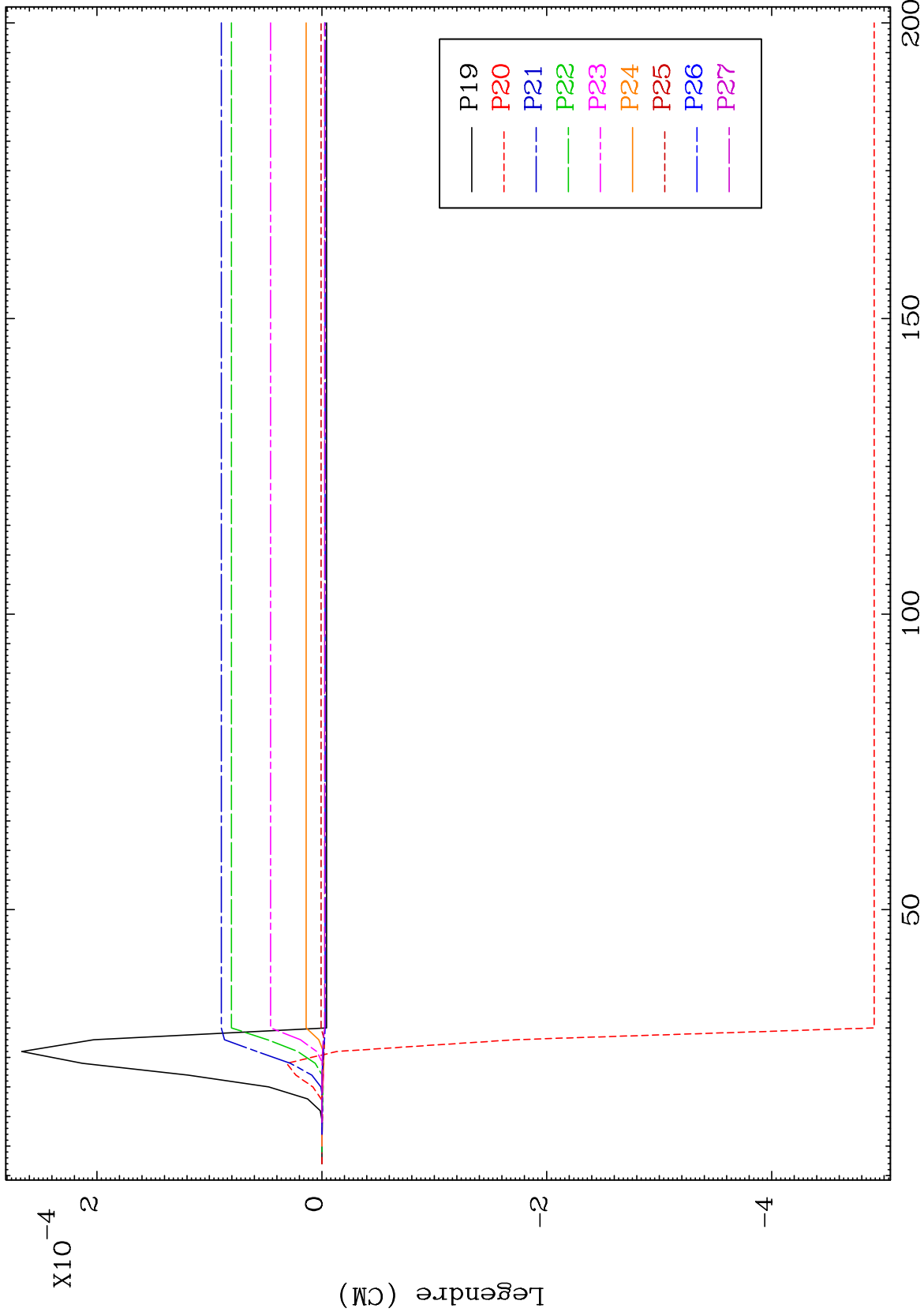
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

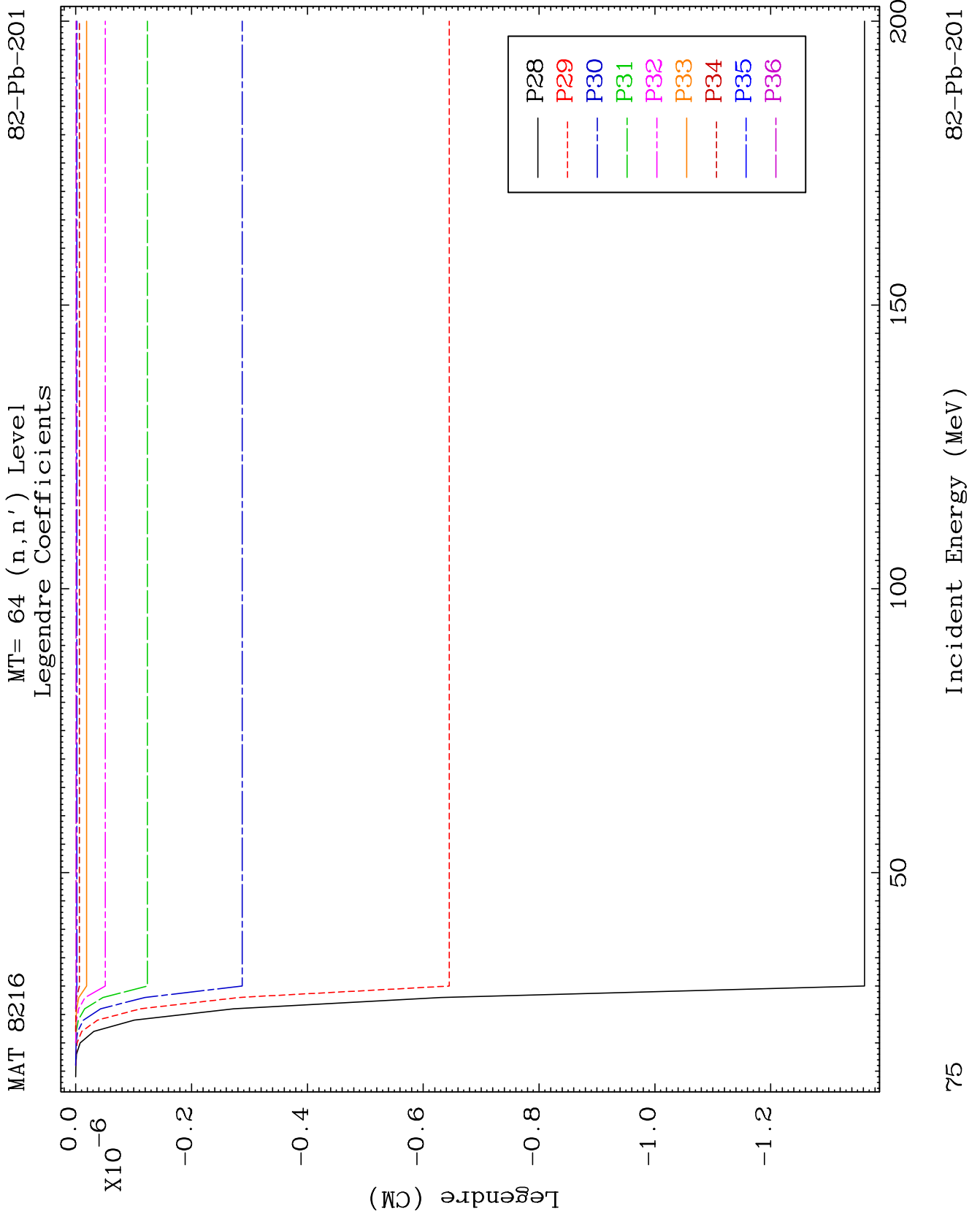
82-Pb-201



74

Incident Energy (MeV)

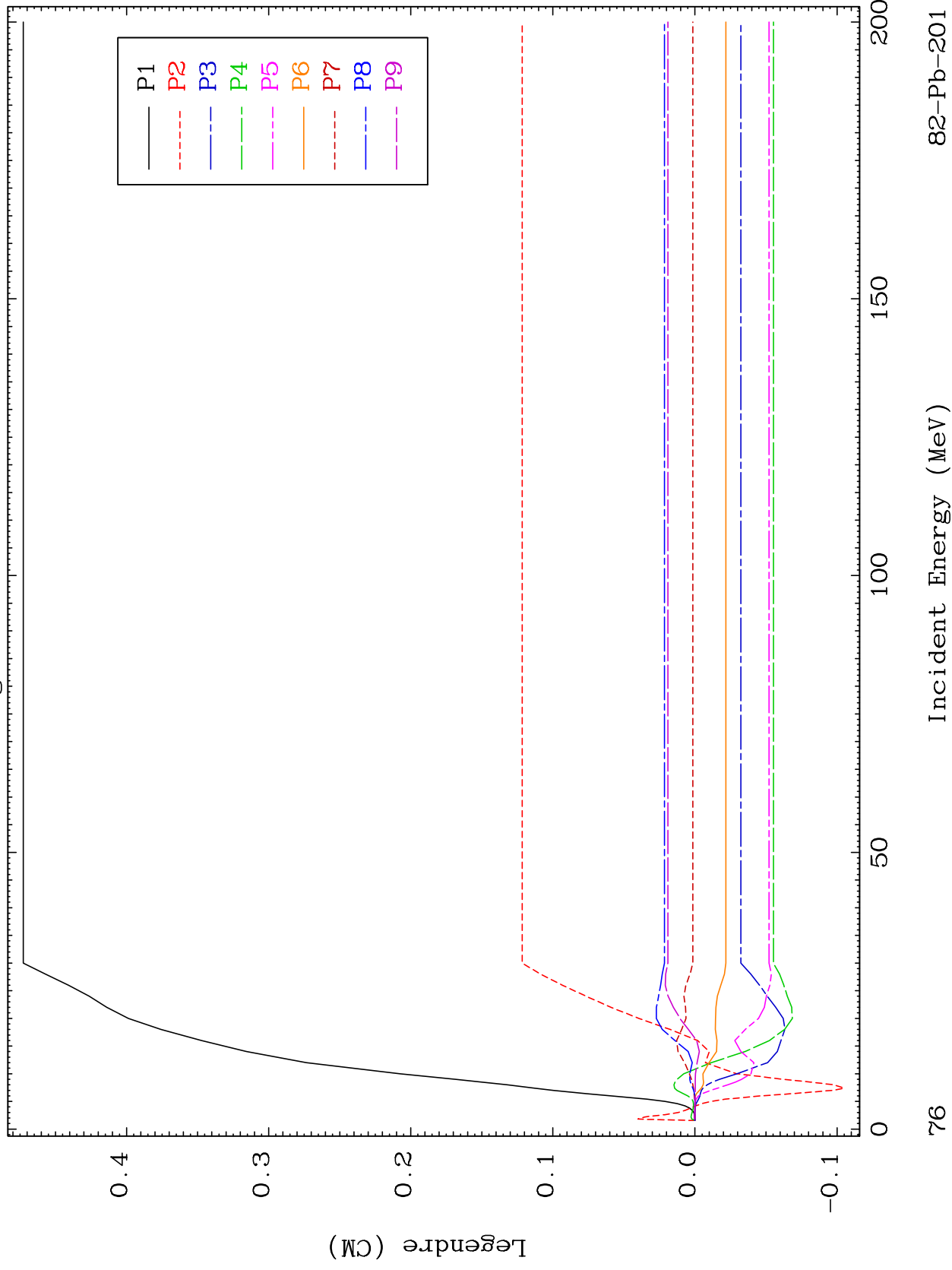
82-Pb-201



MAT 8216

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

82-Pb-201



76

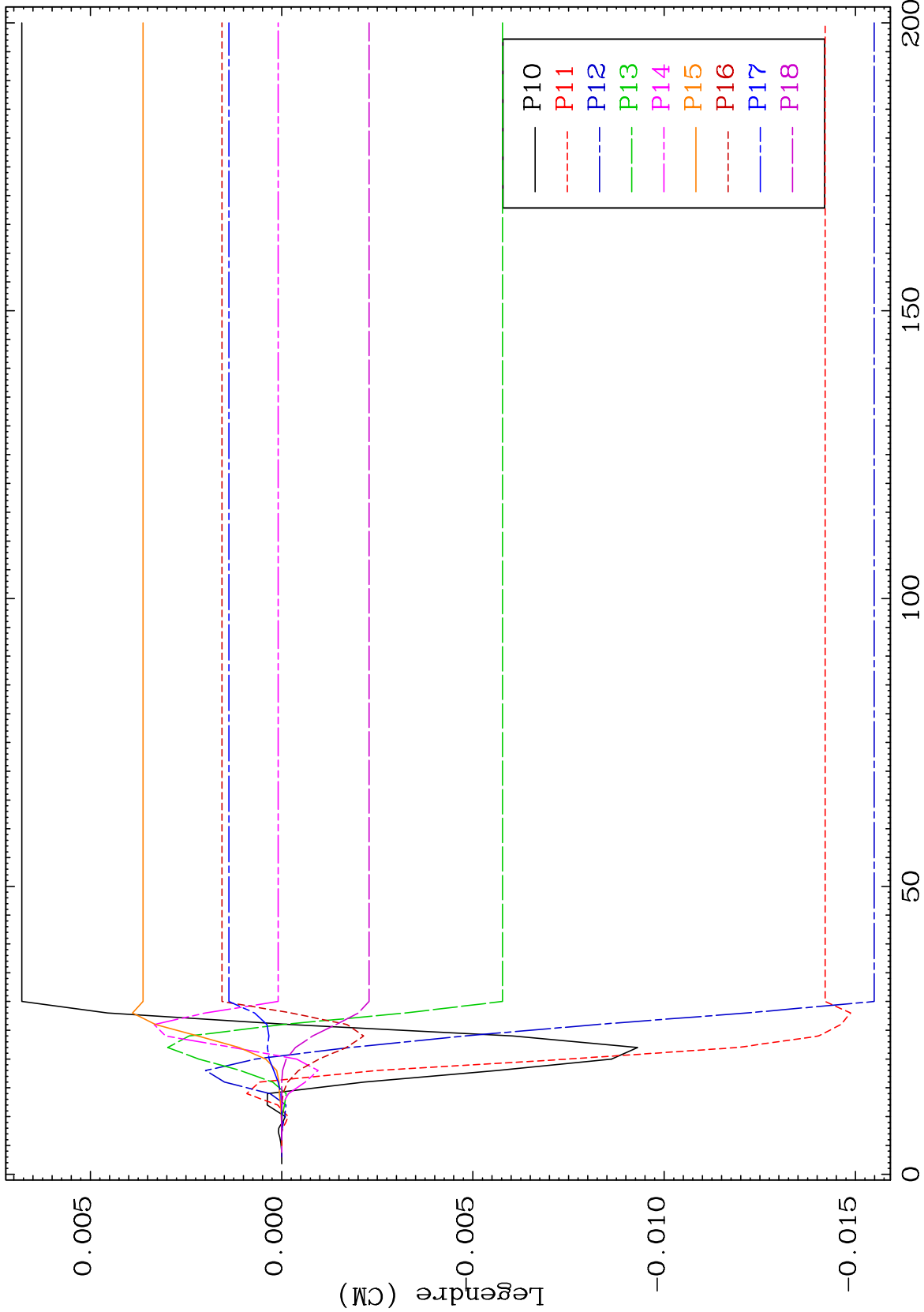
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



77

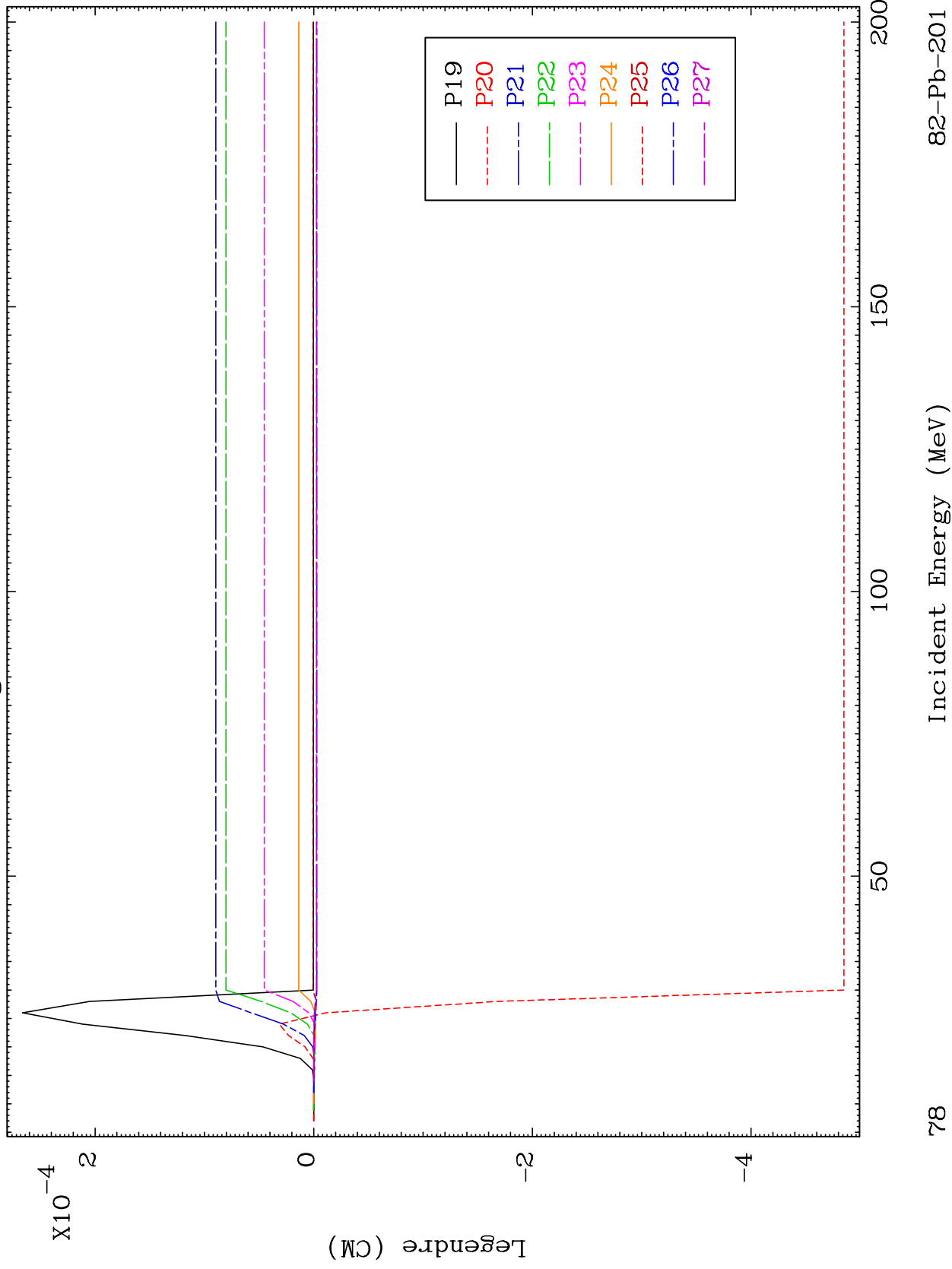
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

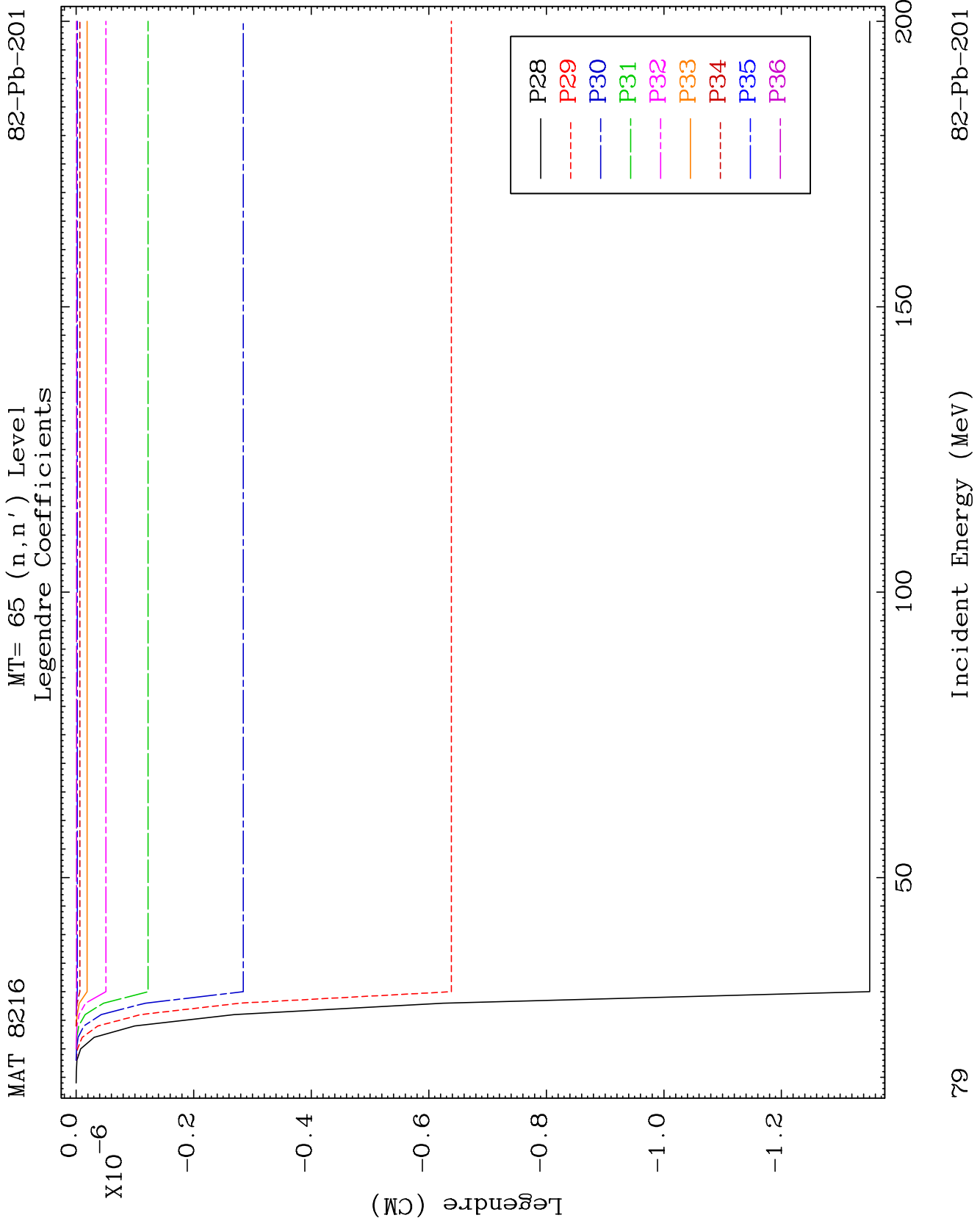
82-Pb-201



78

Incident Energy (MeV)

82-Pb-201



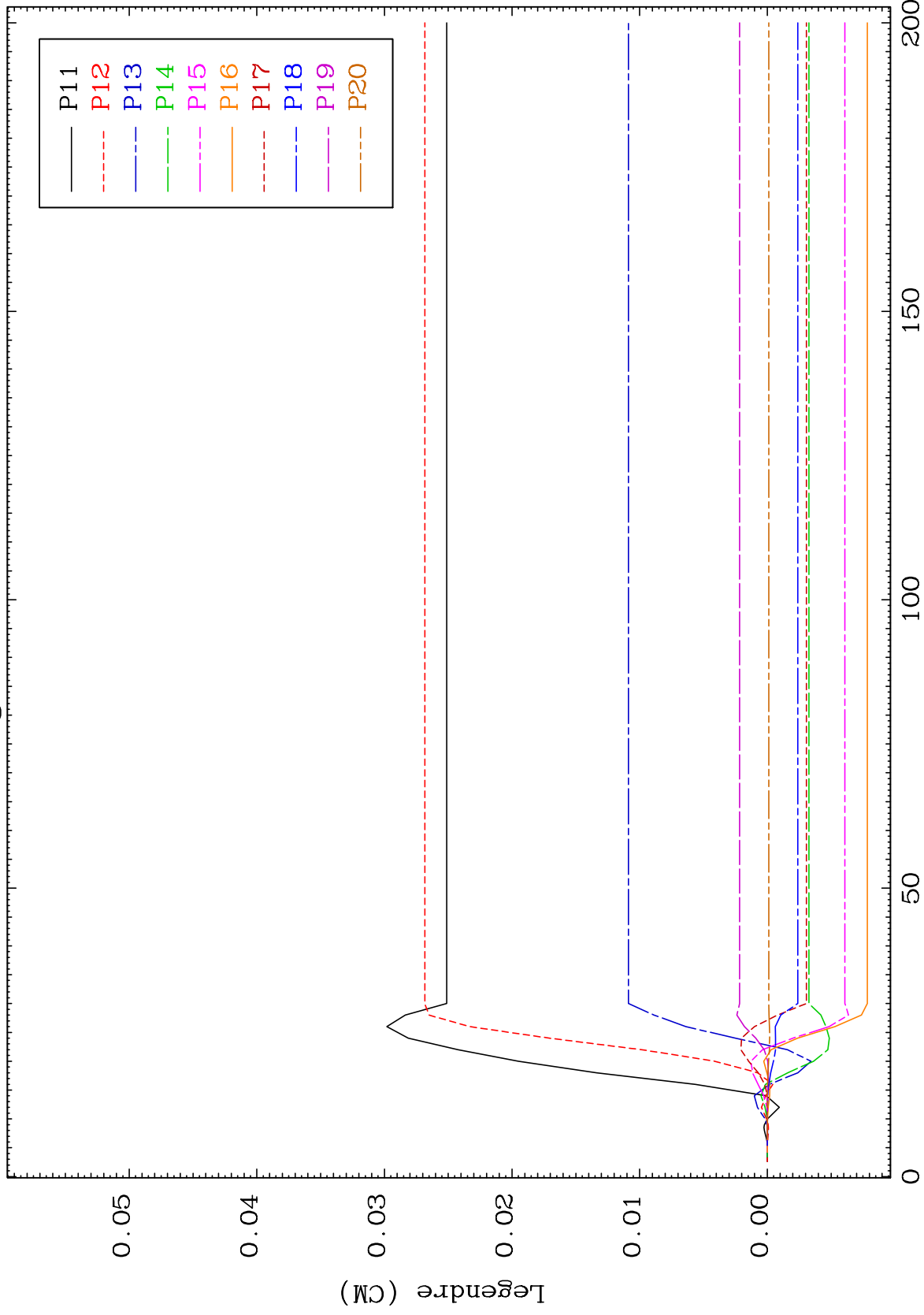




MAT 8216

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

82-Pb-201



81

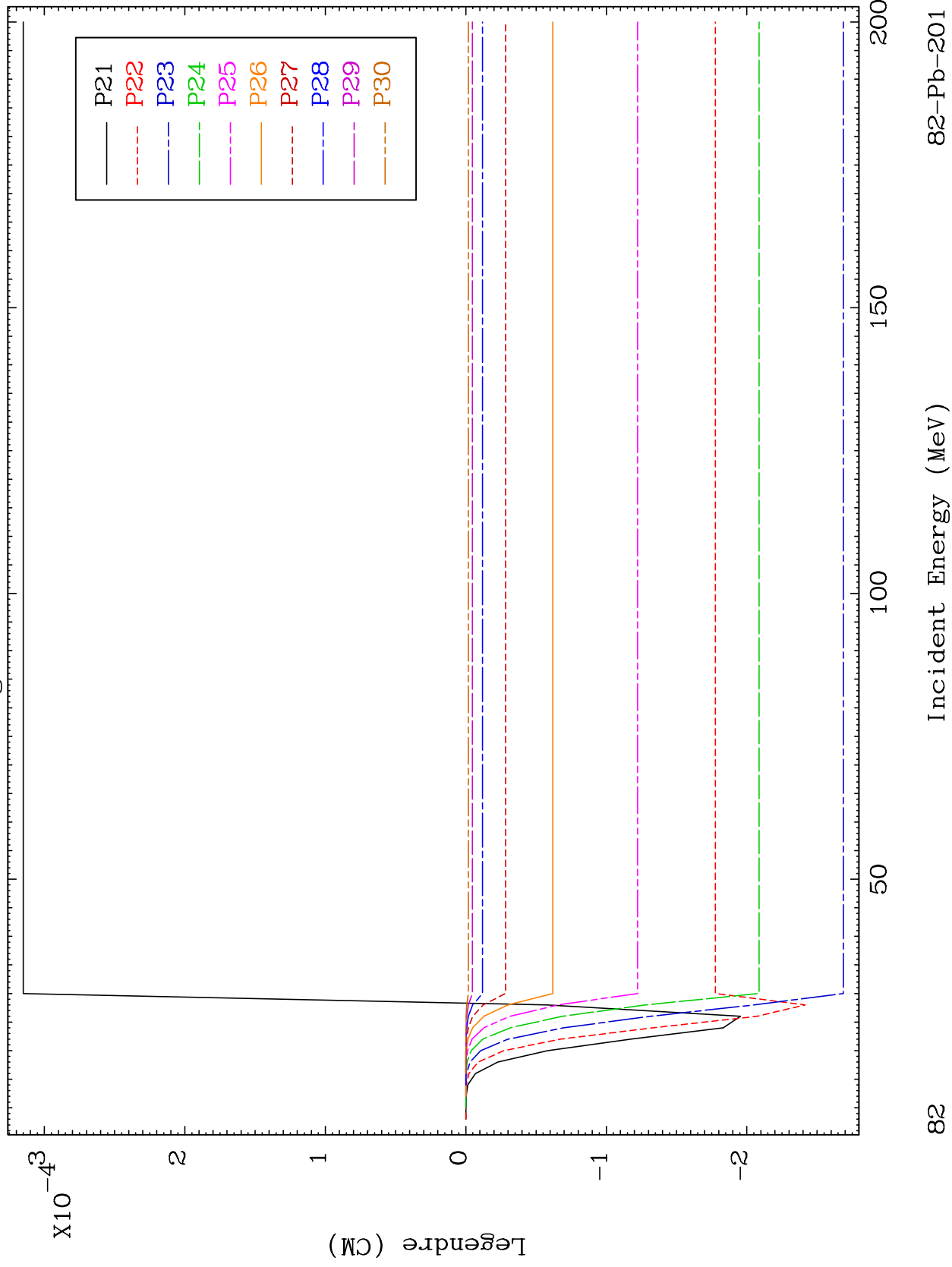
Incident Energy (MeV)

82-Pb-201

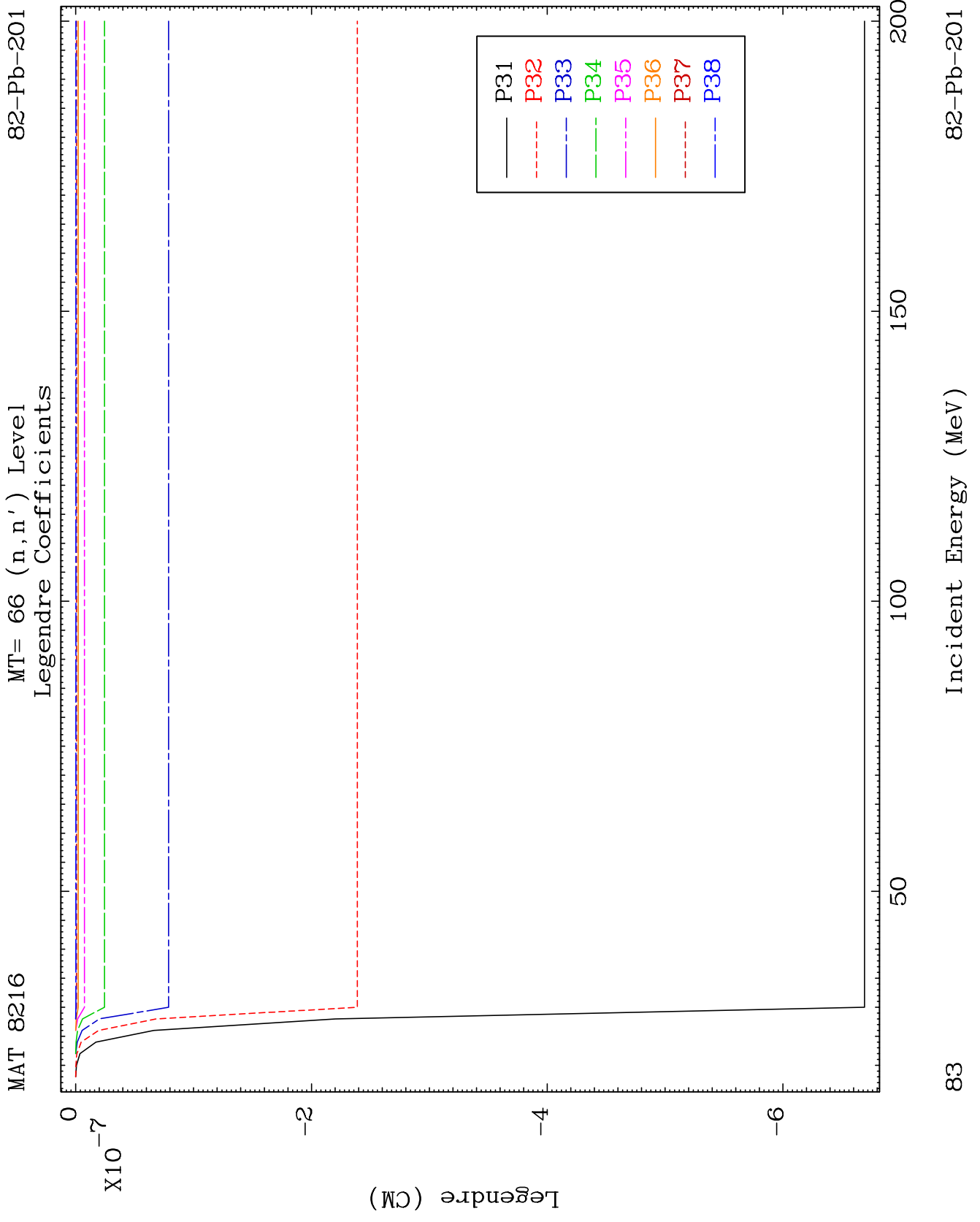
MAT 8216

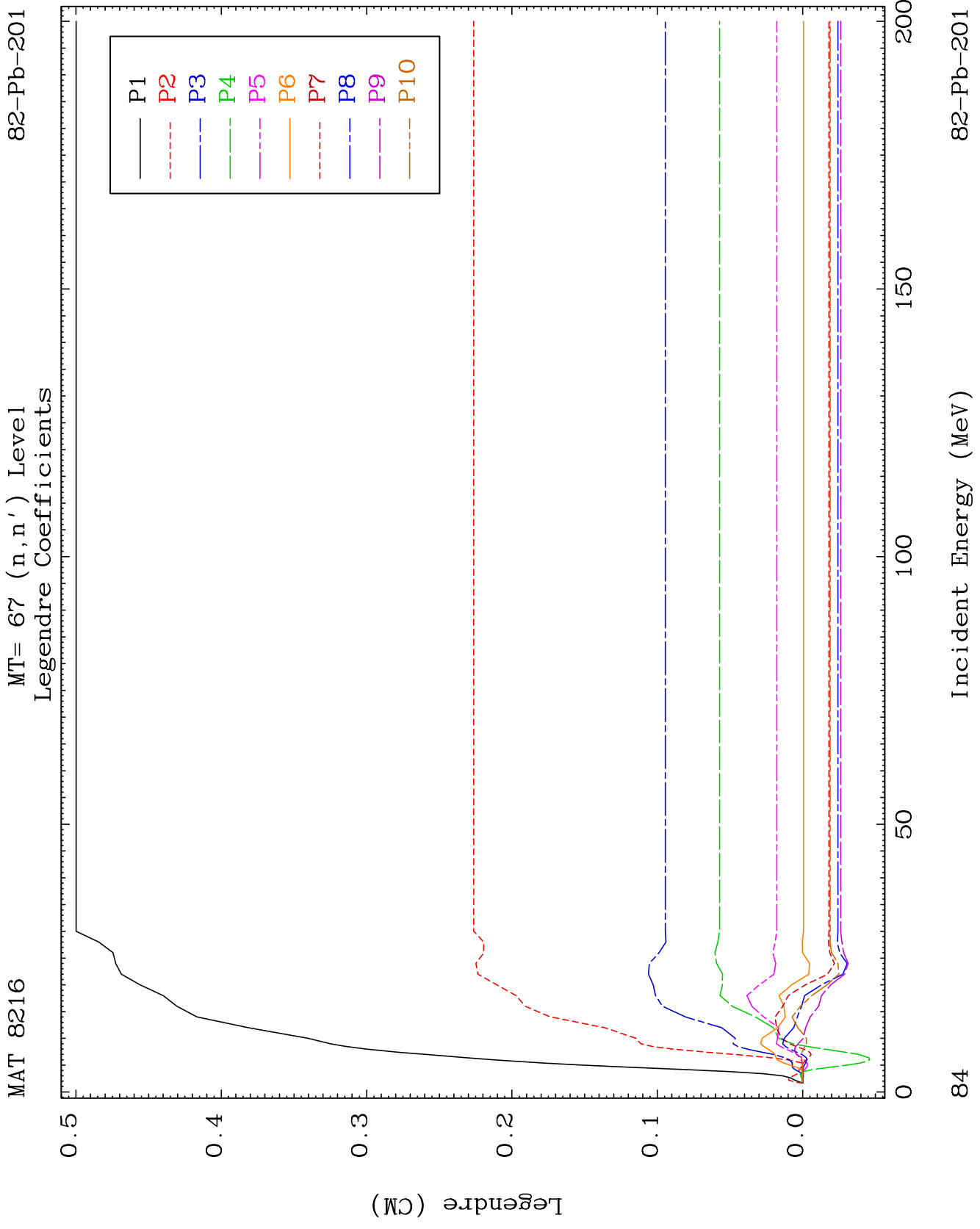
MT= 66 (n,n') Level  
Legendre Coefficients

82-Pb-201



82

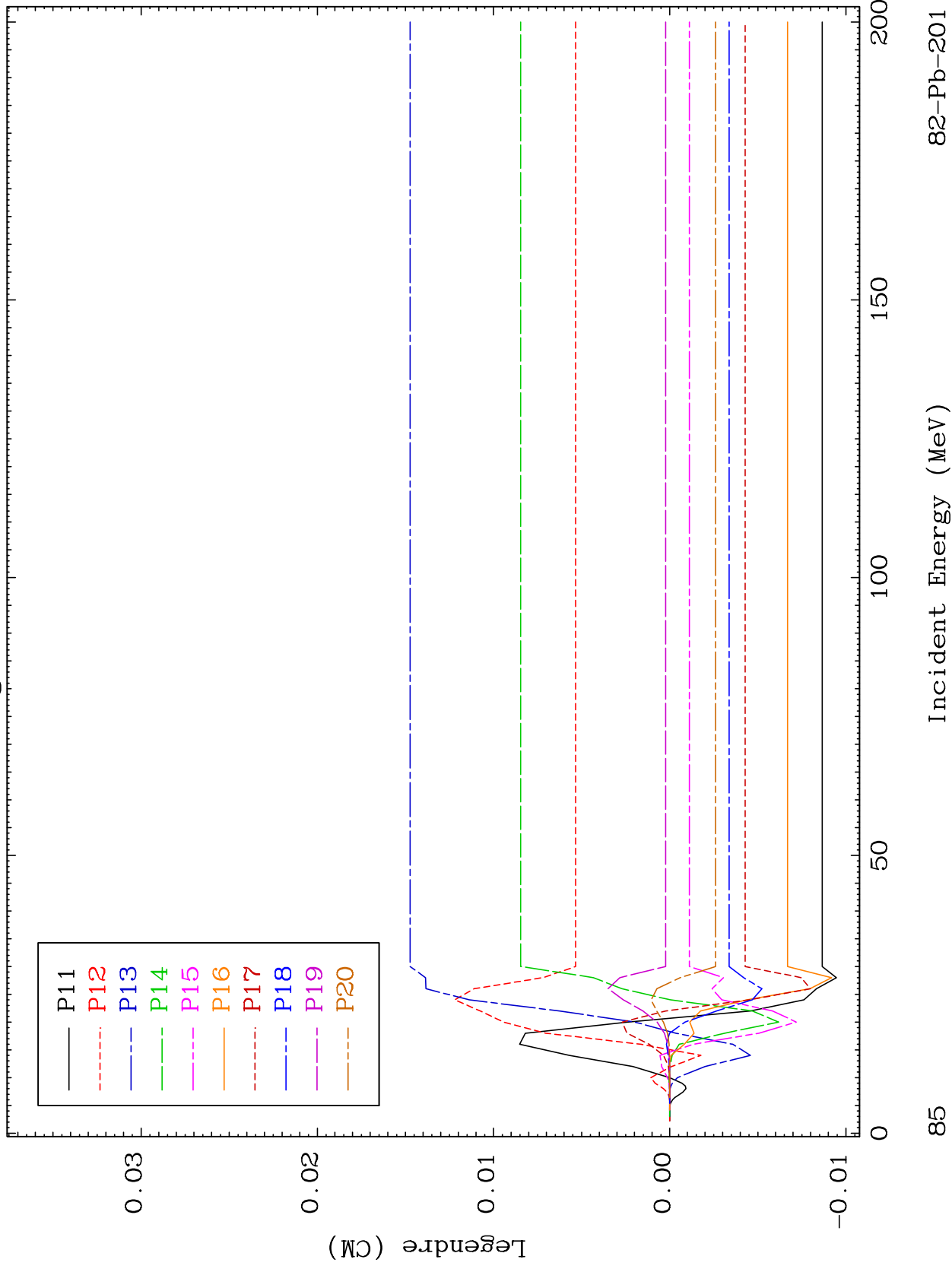


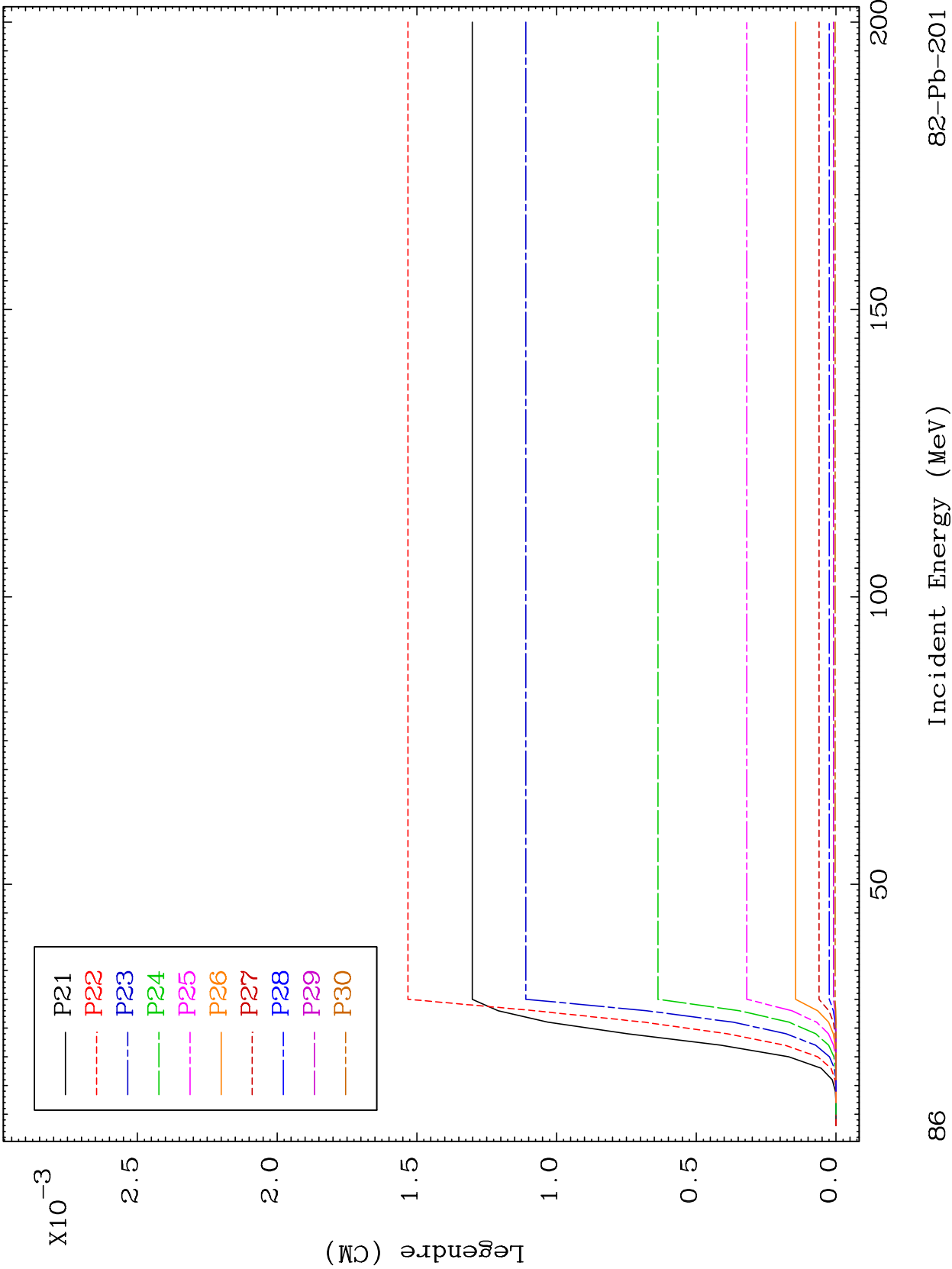


MAT 8216

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

82-Pb-201

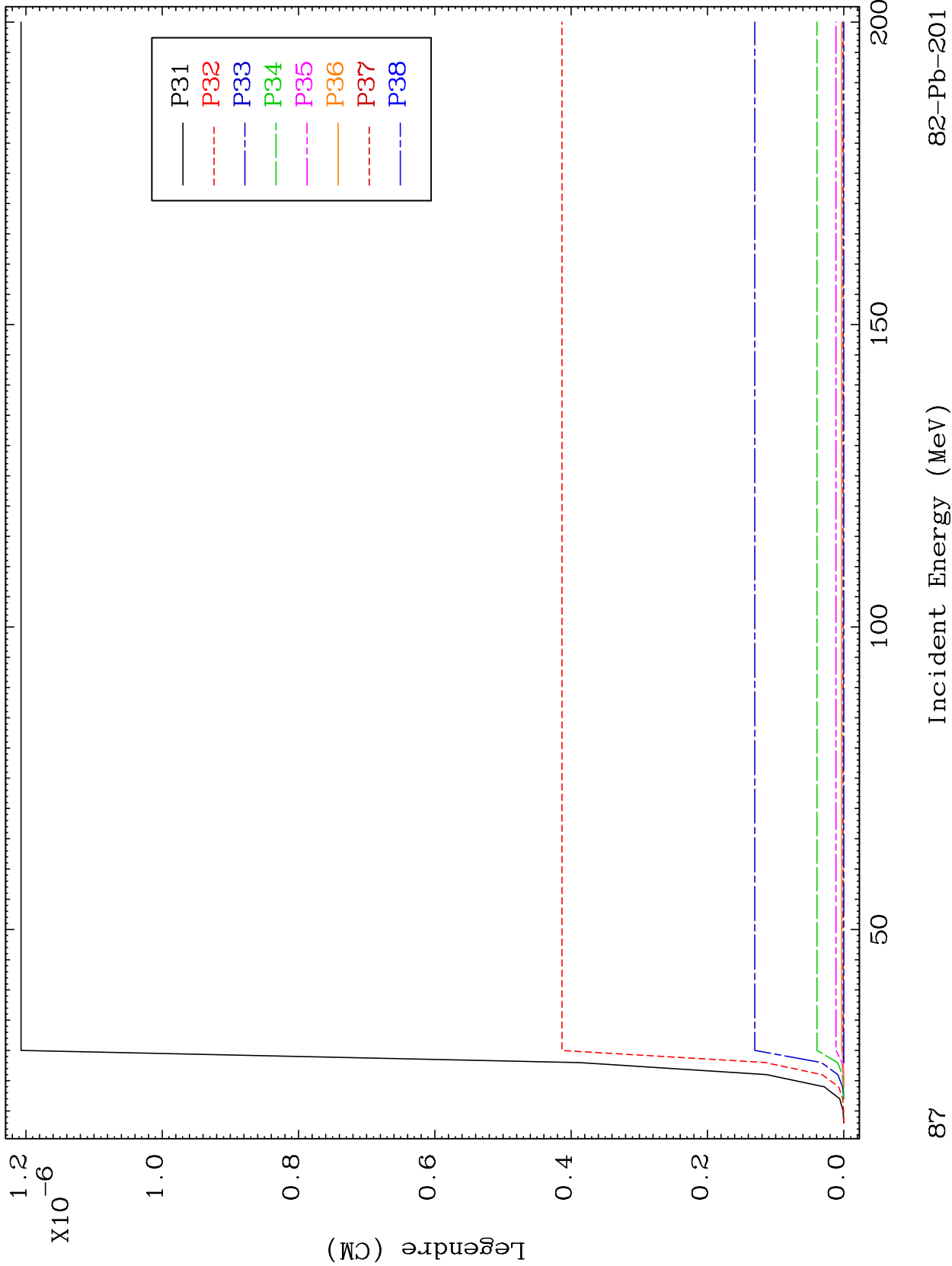




MAT 8216

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

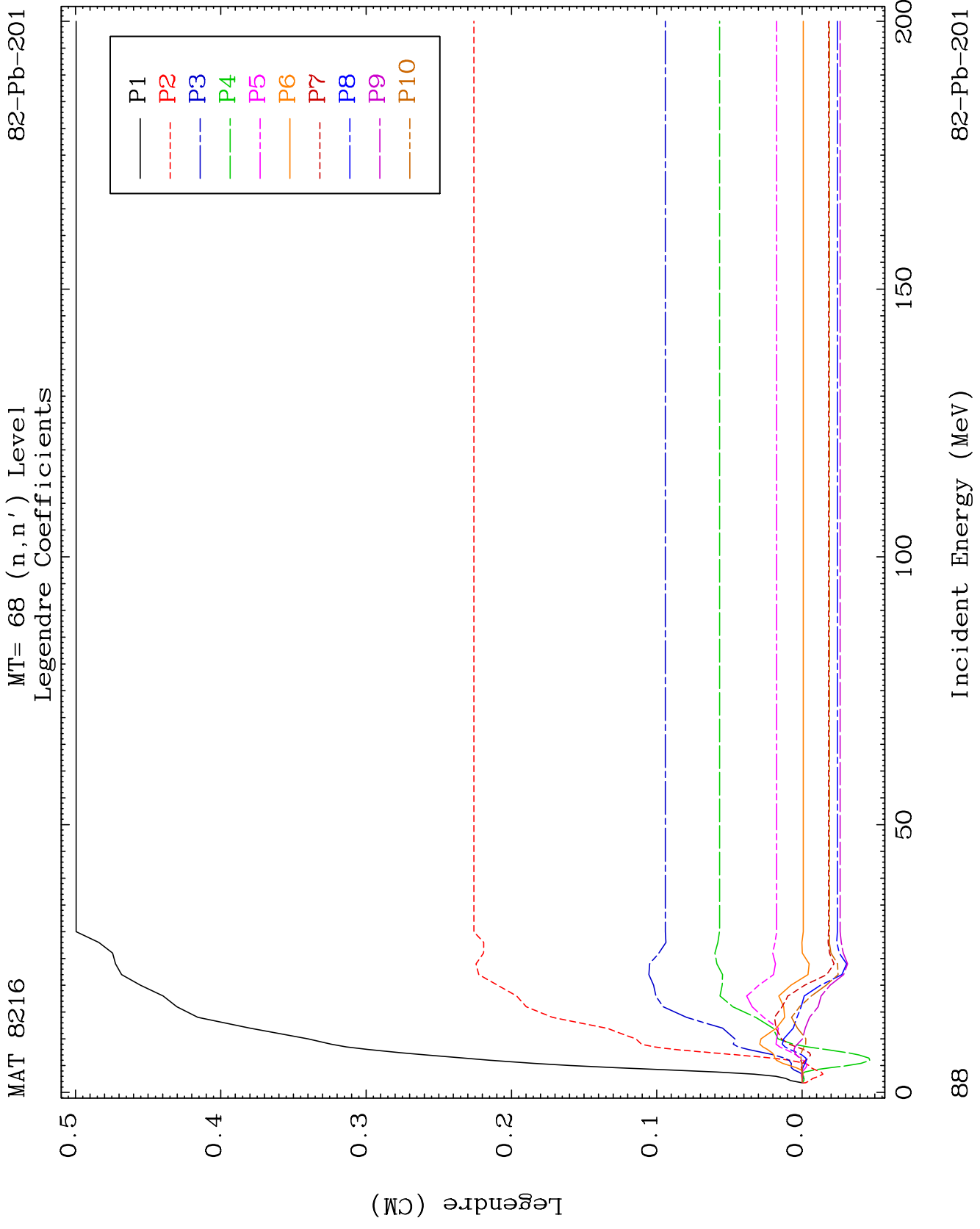
82-Pb-201



87

82-Pb-201

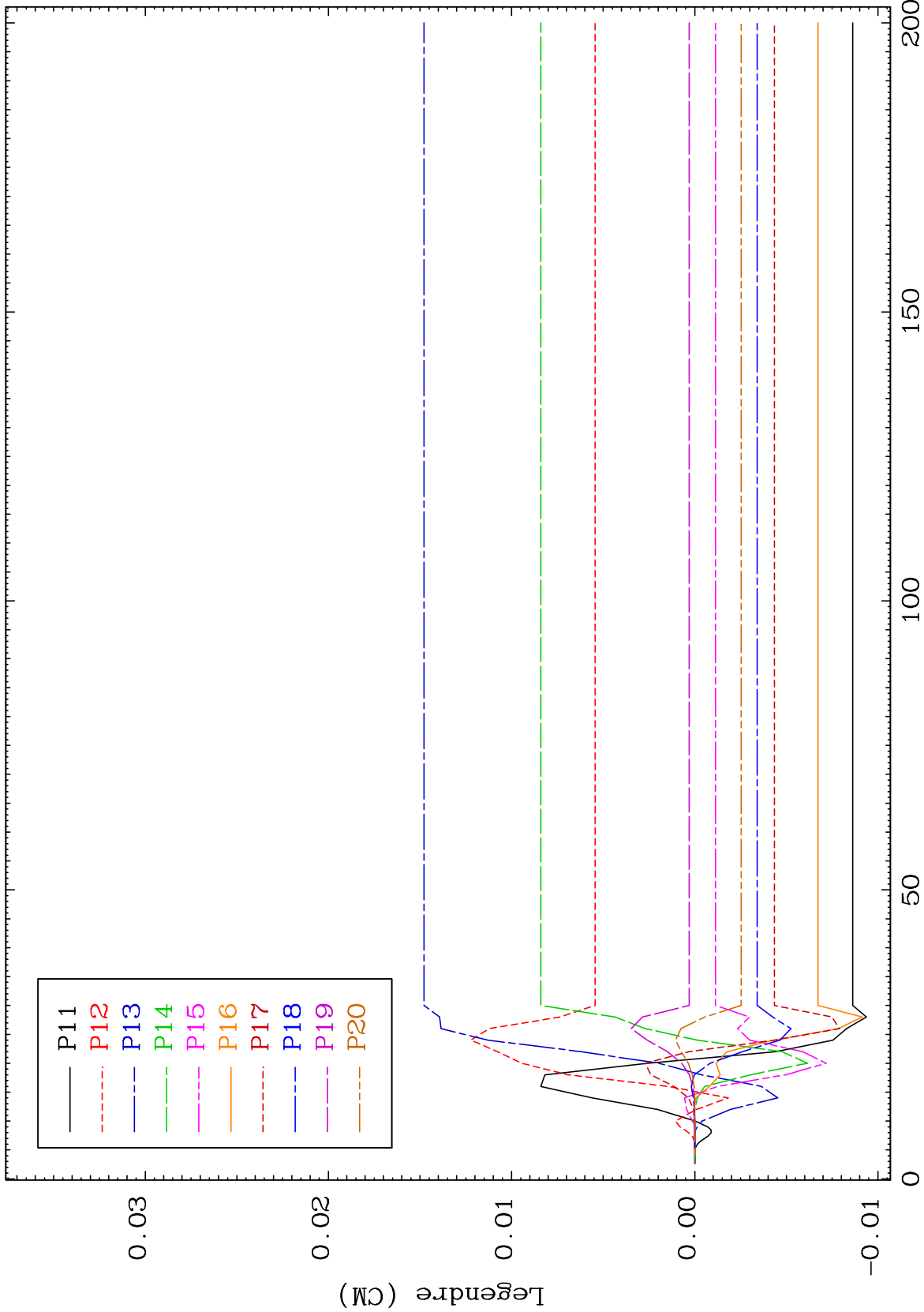




MAT 8216

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

82-Pb-201



89

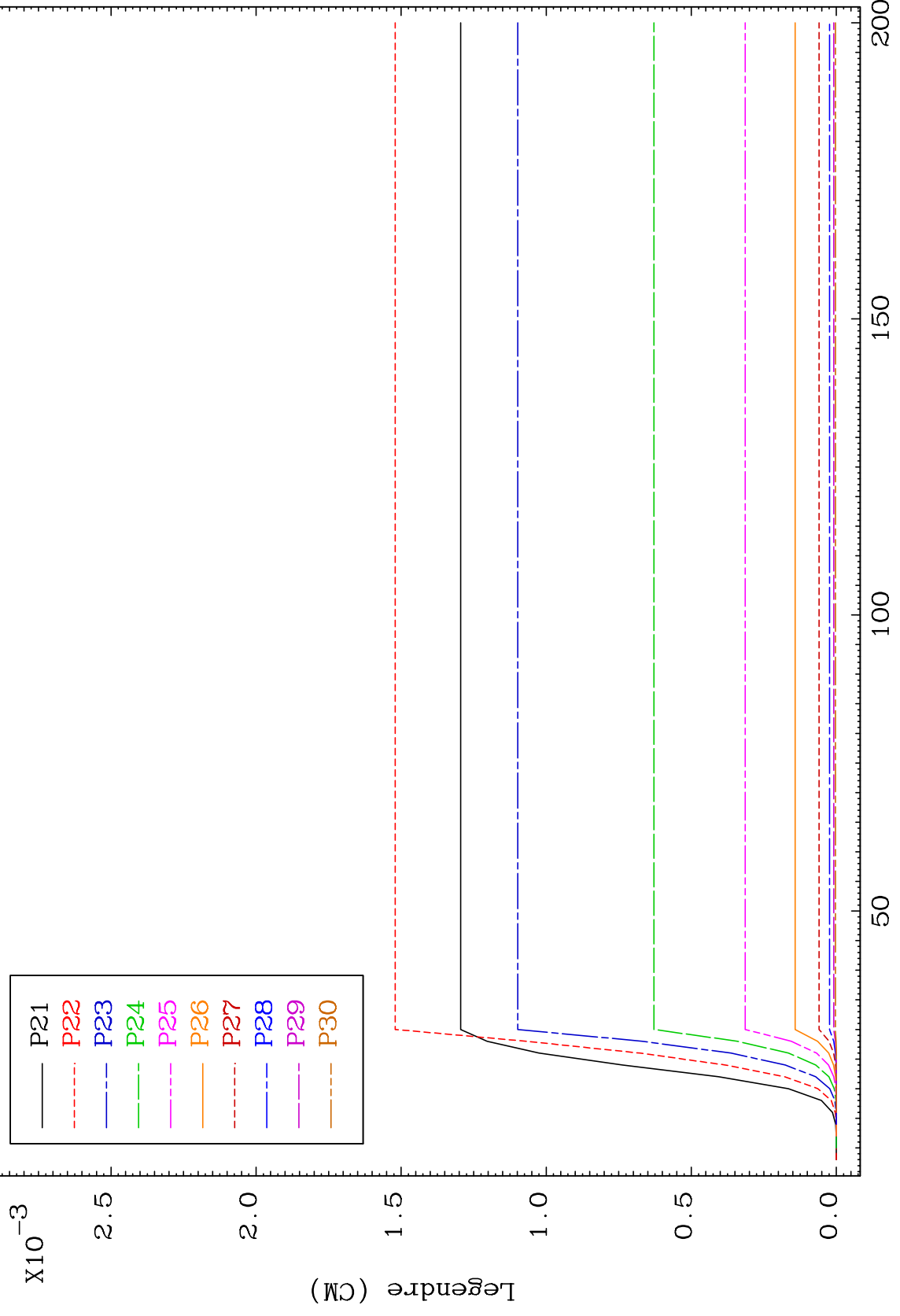
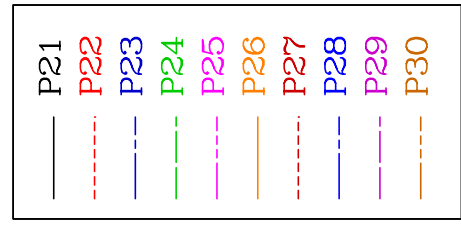
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

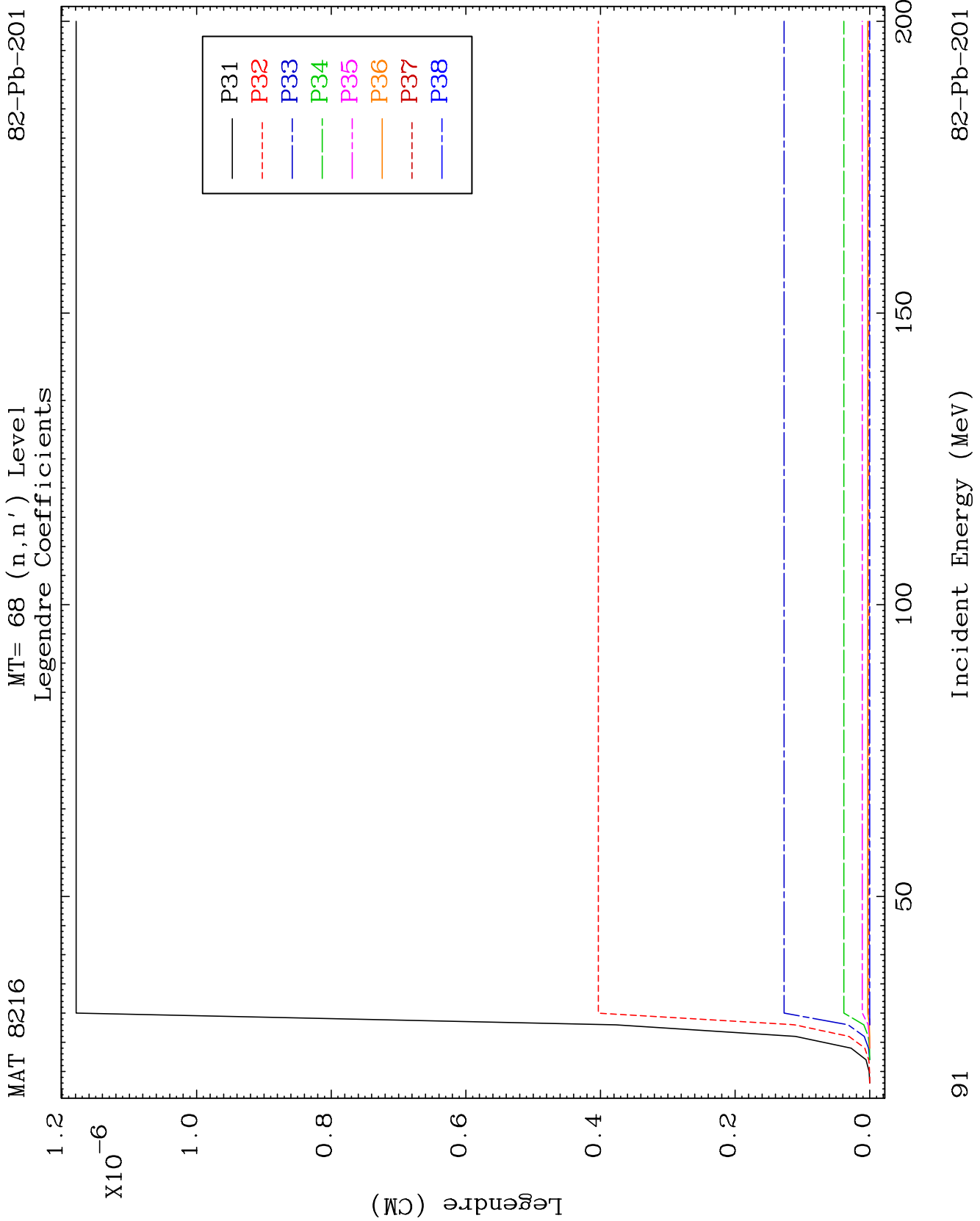
82-Pb-201



90

Incident Energy (MeV)

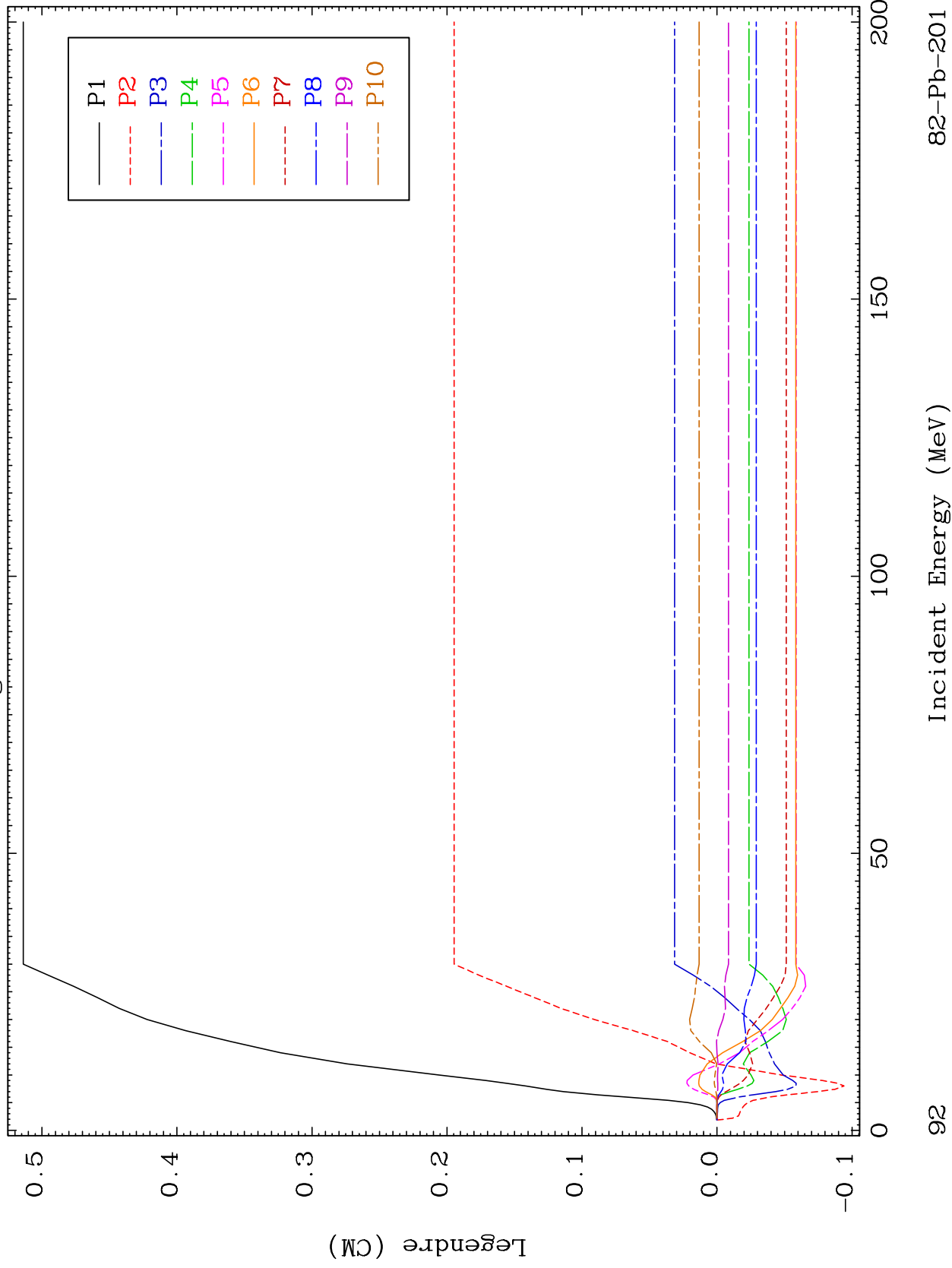
82-Pb-201



MAT 8216

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

82-Pb-201



82-Pb-201

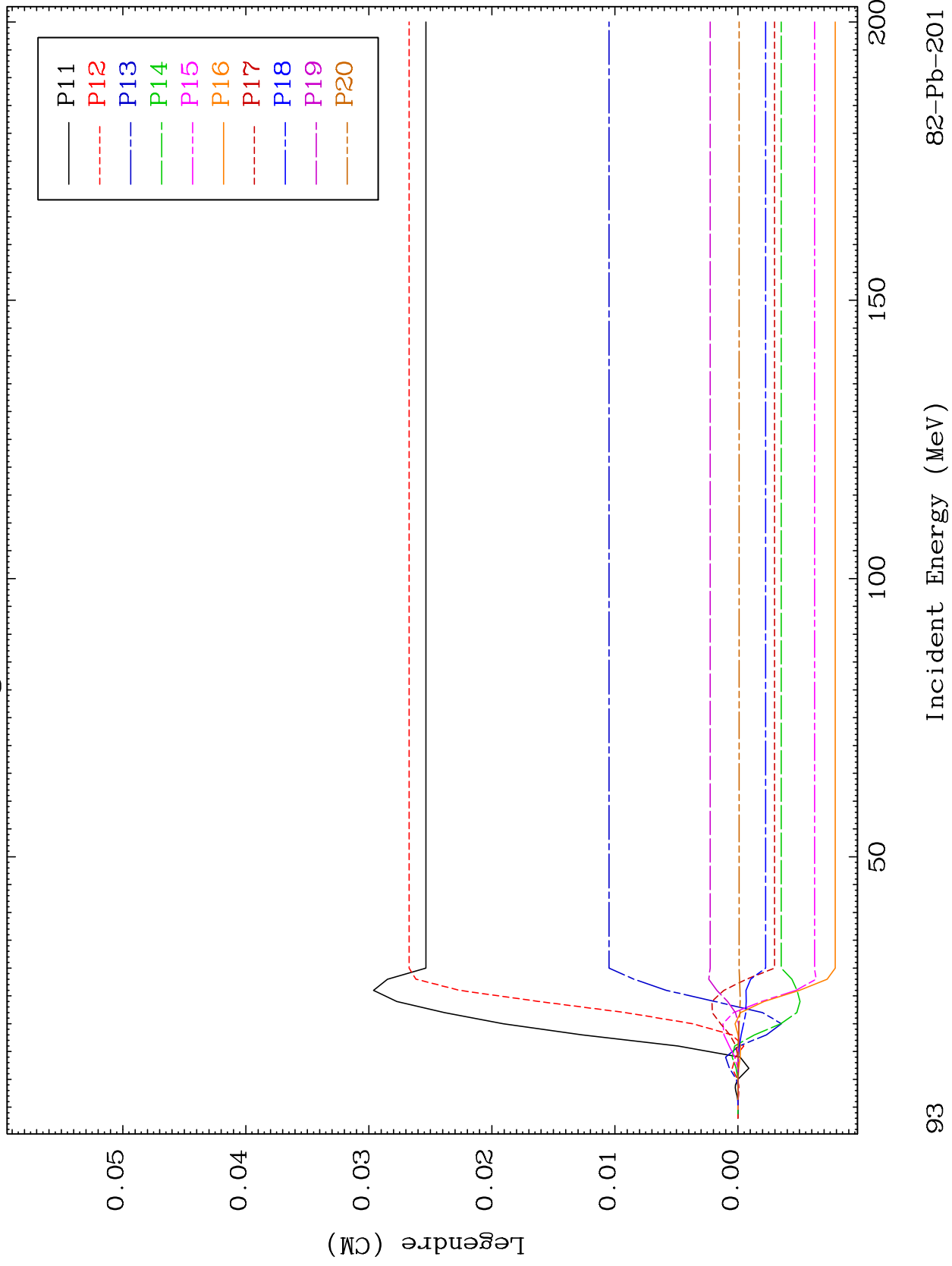
Incident Energy (MeV)

92

MAT 8216

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

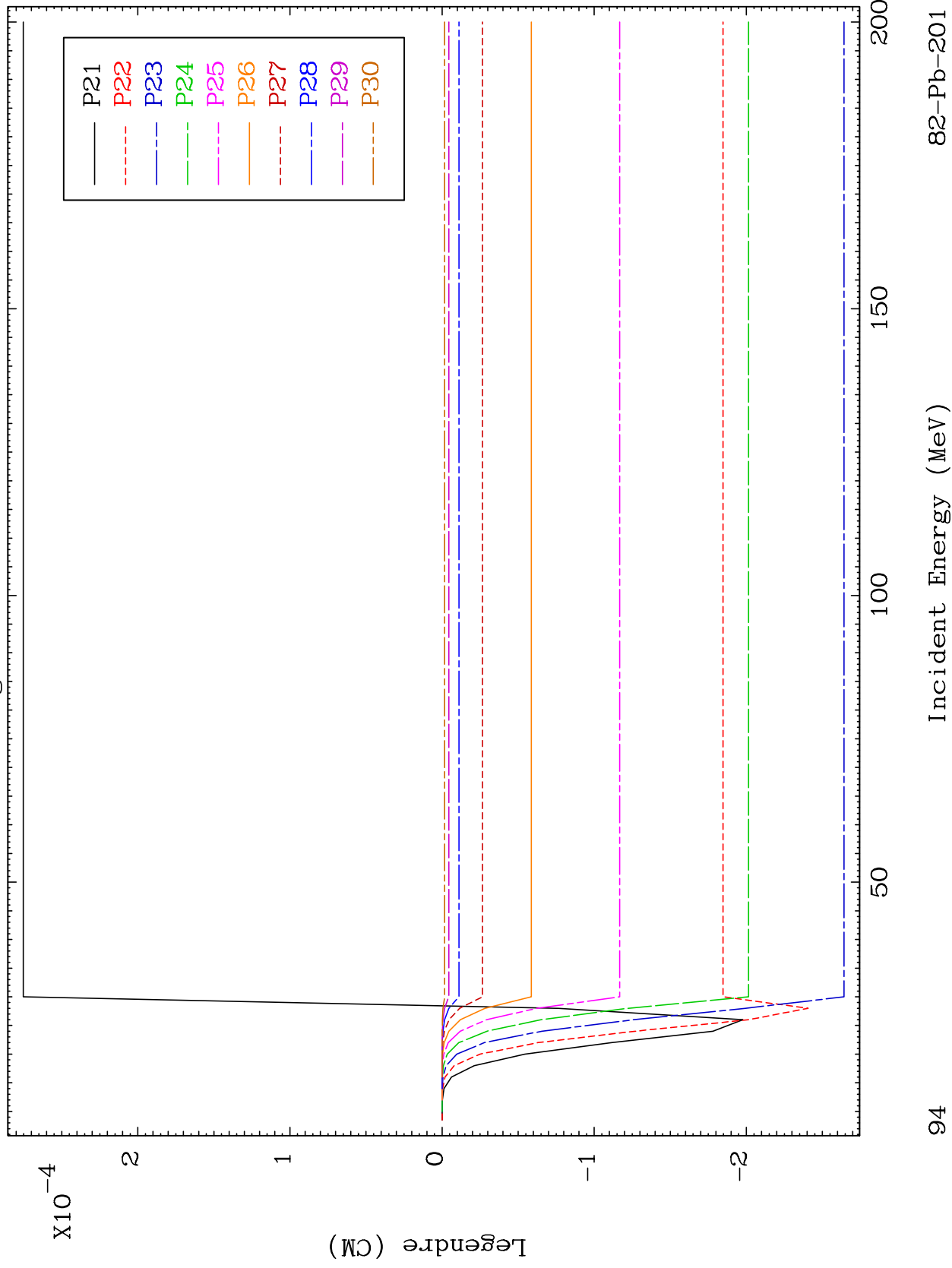
82-Pb-201



MAT 8216

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

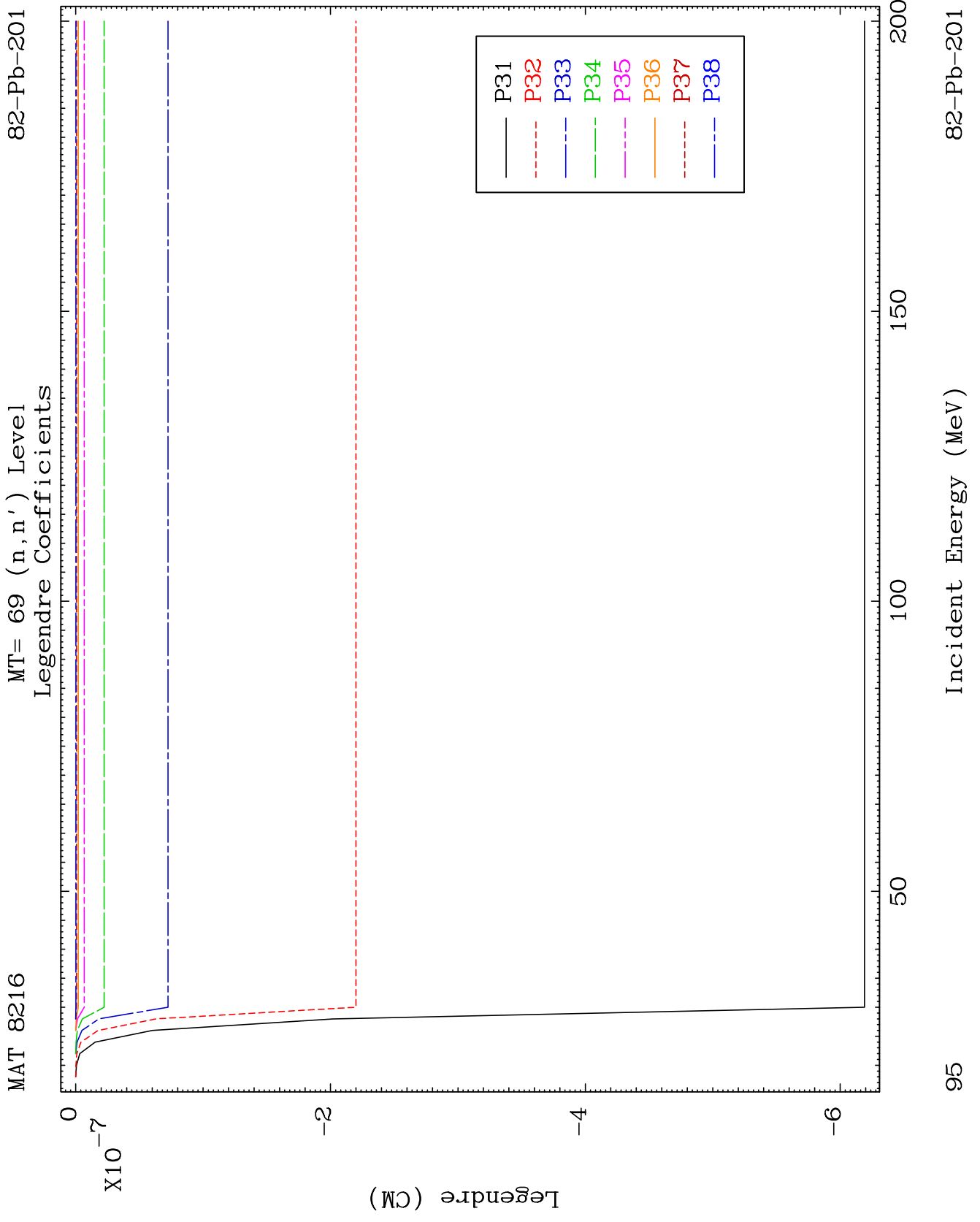
82-Pb-201



94

Incident Energy (MeV)

82-Pb-201

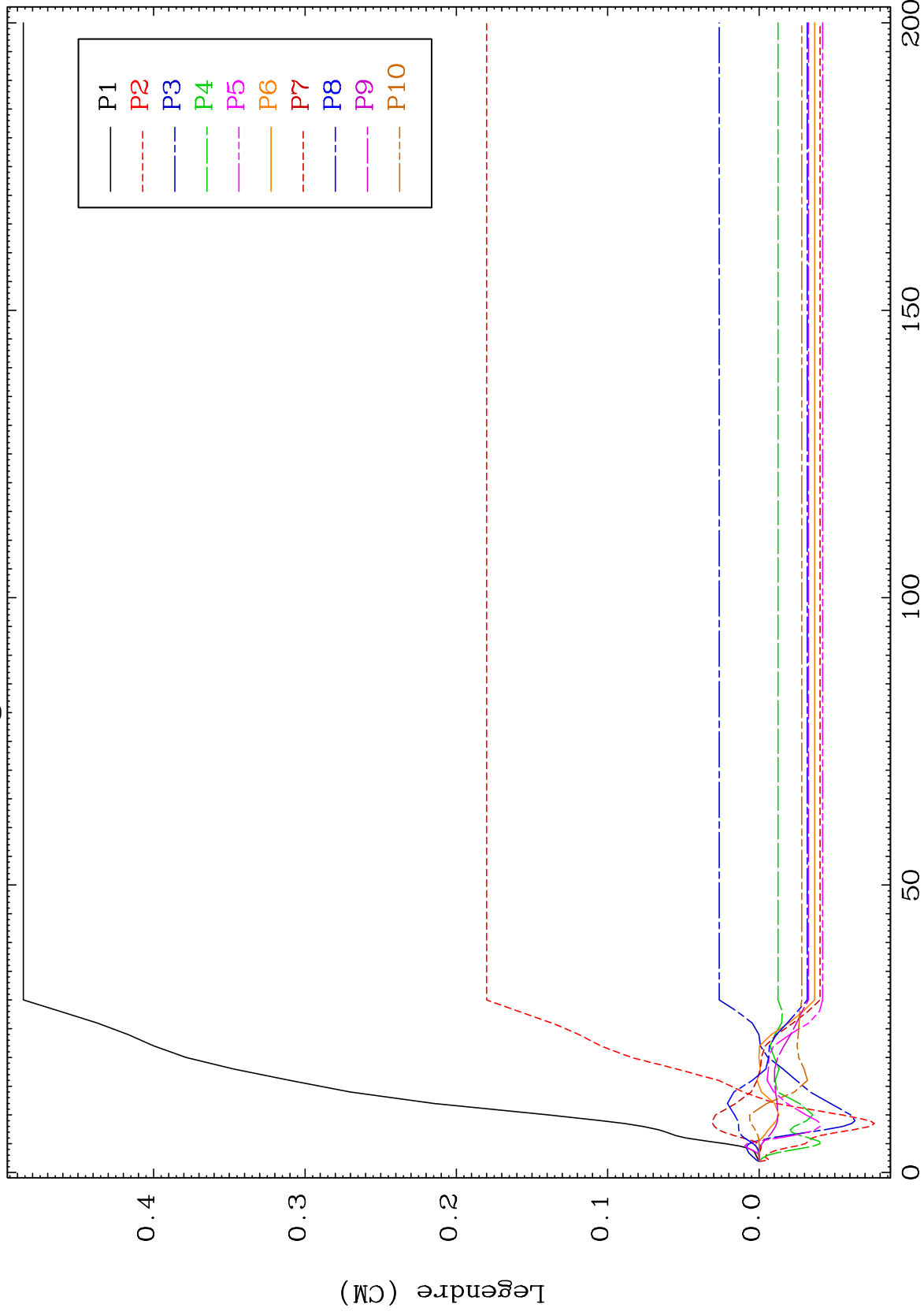




MAT 8216

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

82-Pb-201



96

Incident Energy (MeV)

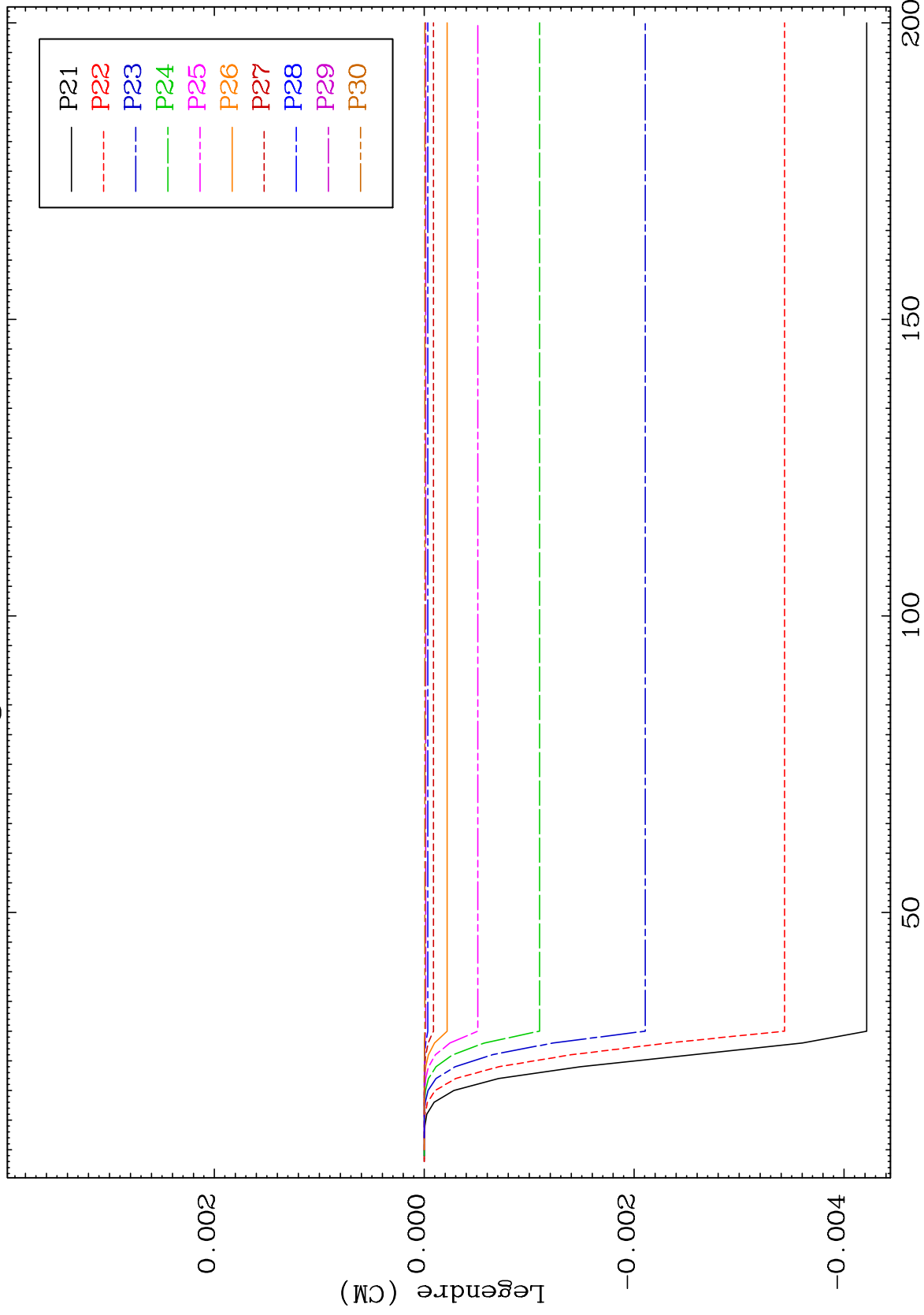
82-Pb-201



MAT 8216

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

82-Pb-201



98

Incident Energy (MeV)

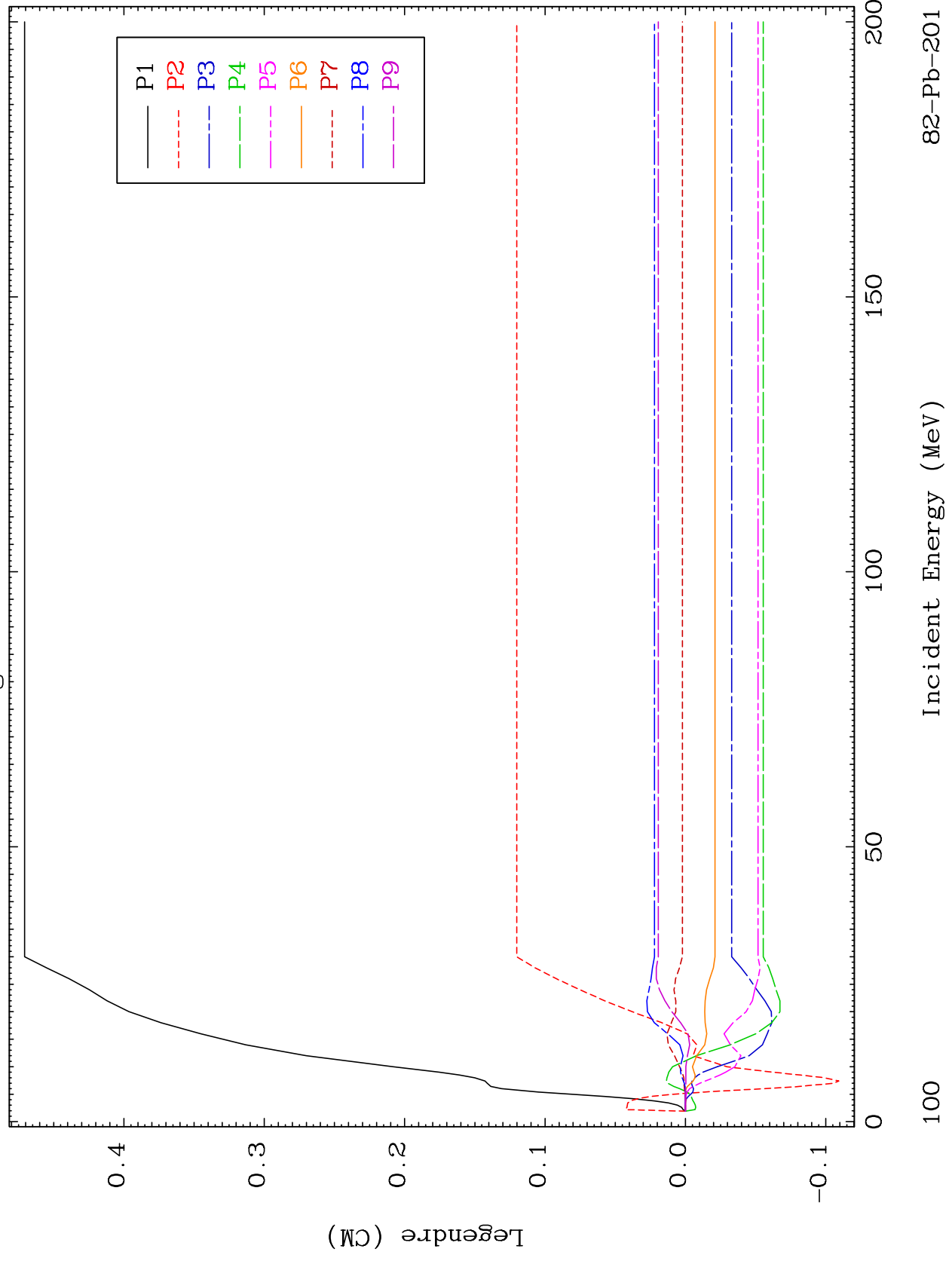
82-Pb-201



MAT 8216

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

82-Pb-201



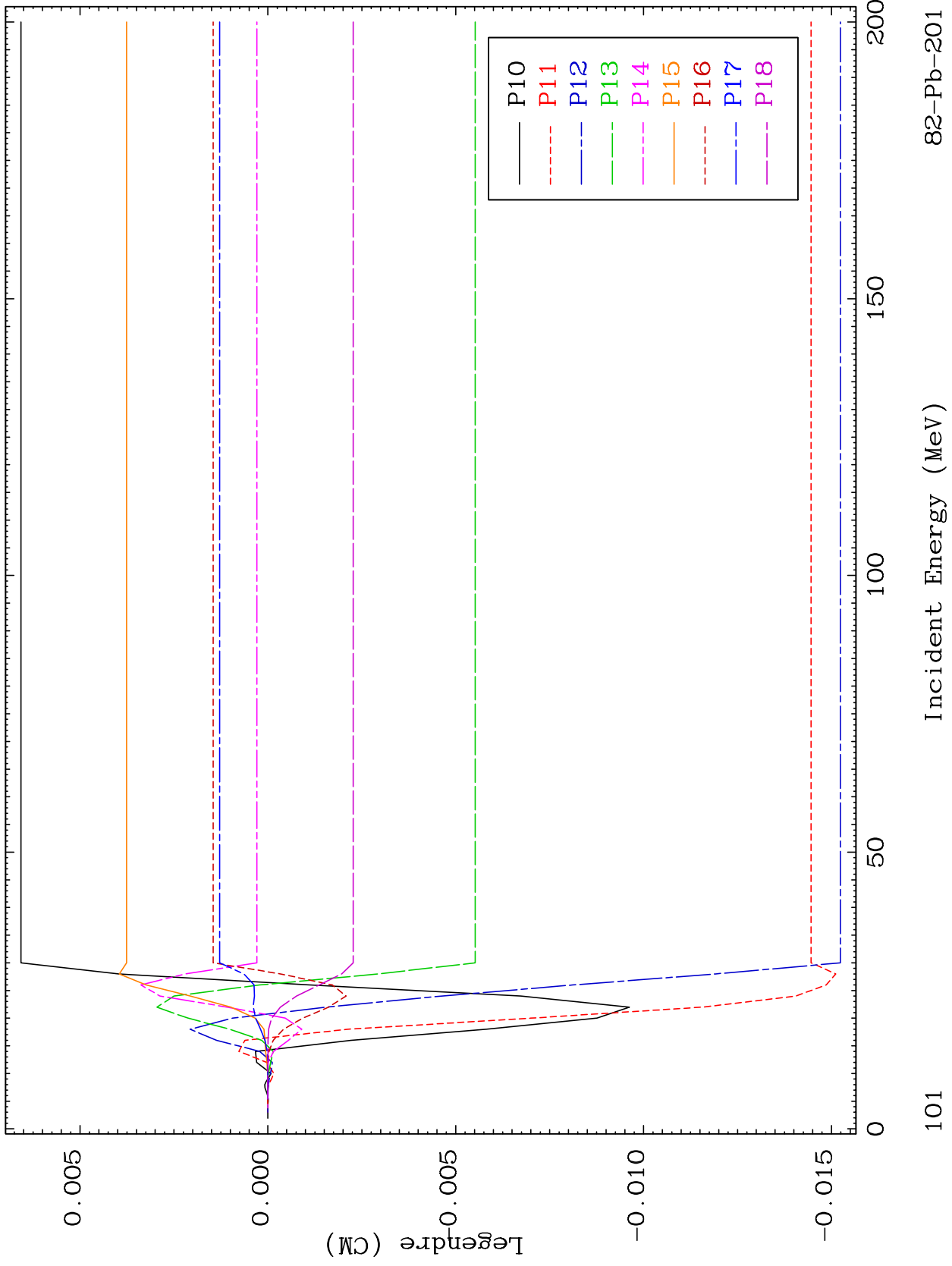
82-Pb-201

Incident Energy (MeV)

MAT 8216

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

82-Pb-201



101

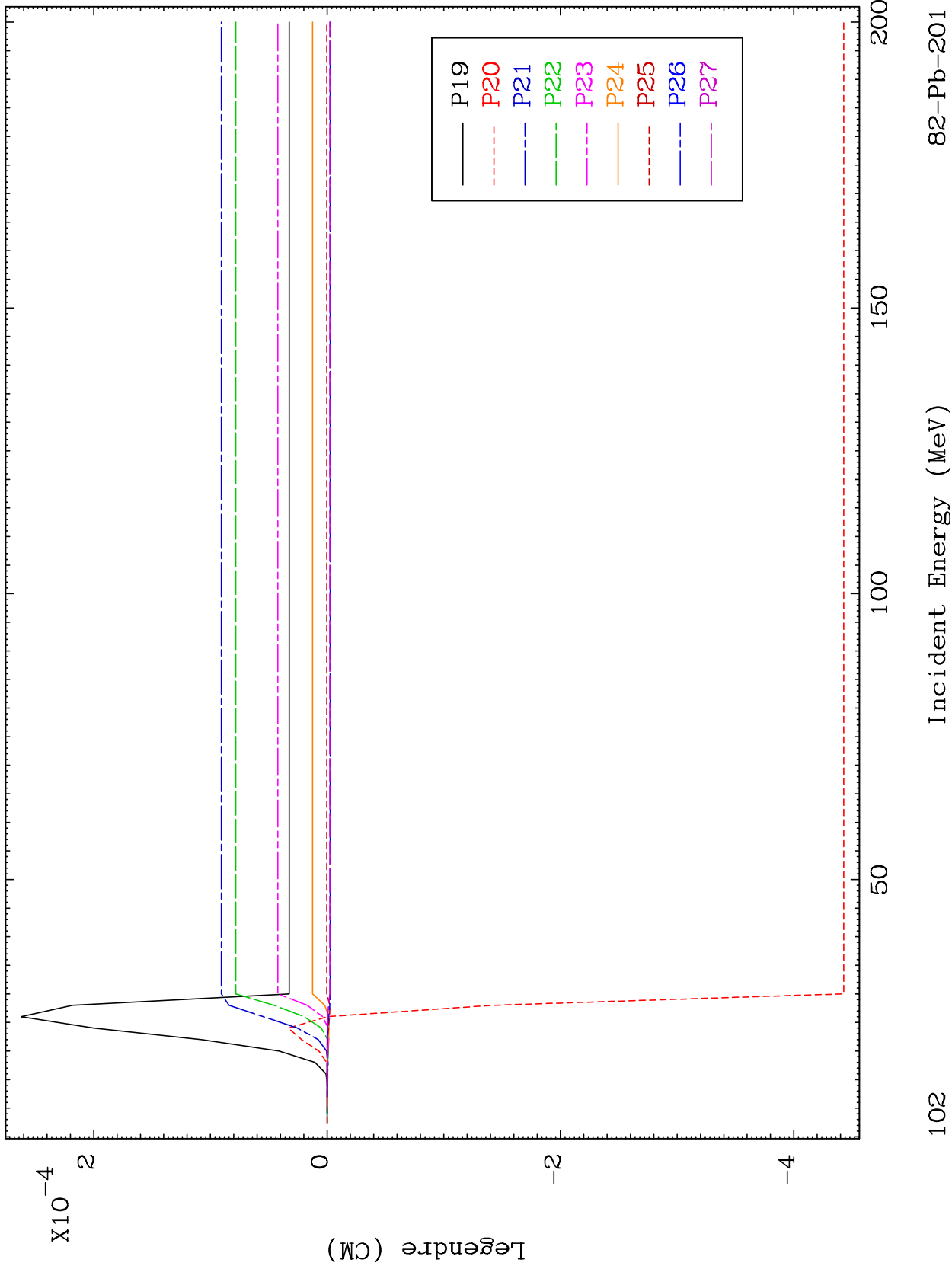
Incident Energy (MeV)

82-Pb-201

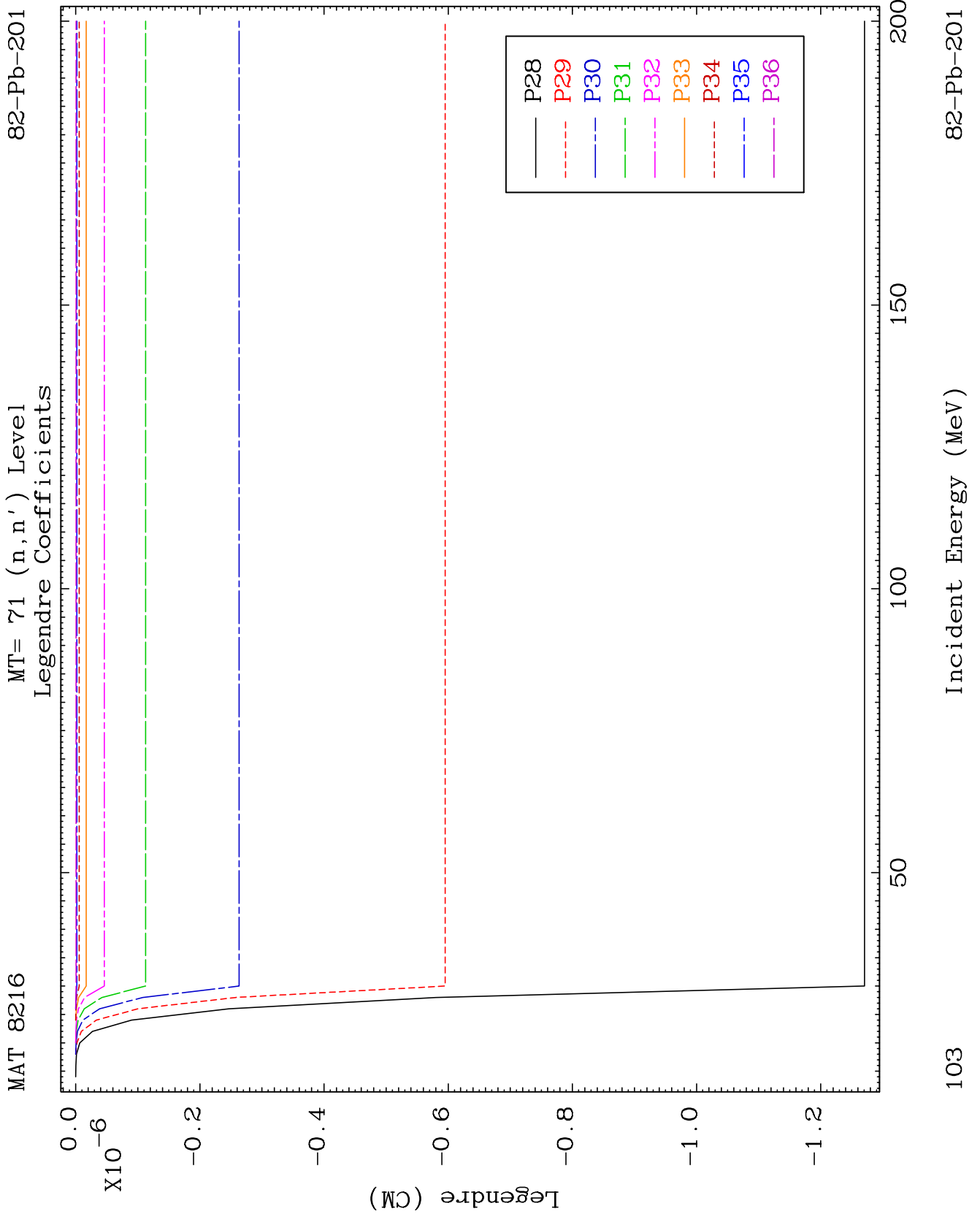
MAT 8216

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

82-Pb-201



102

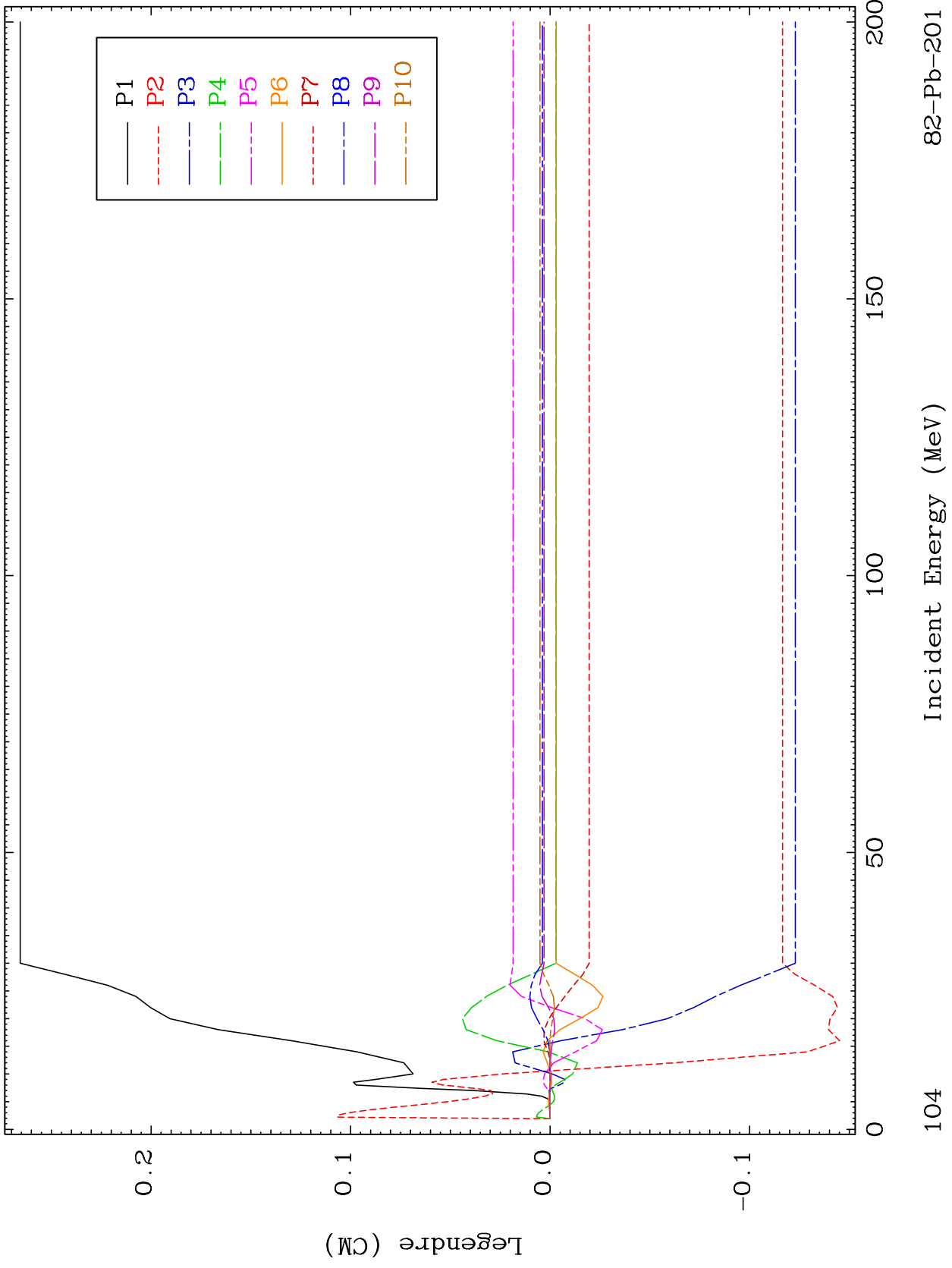




MAT 8216

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

82-Pb-201



104

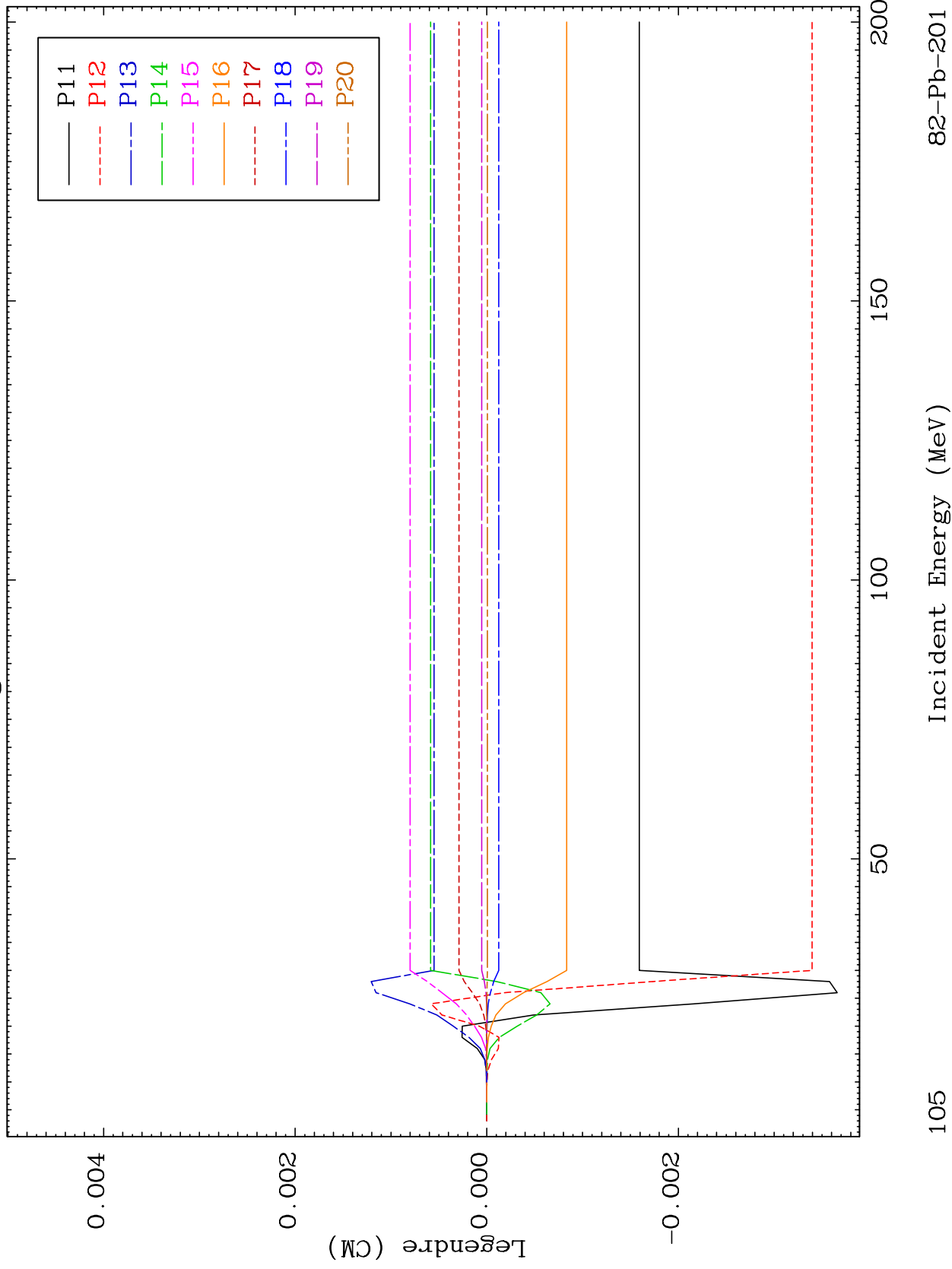
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



105

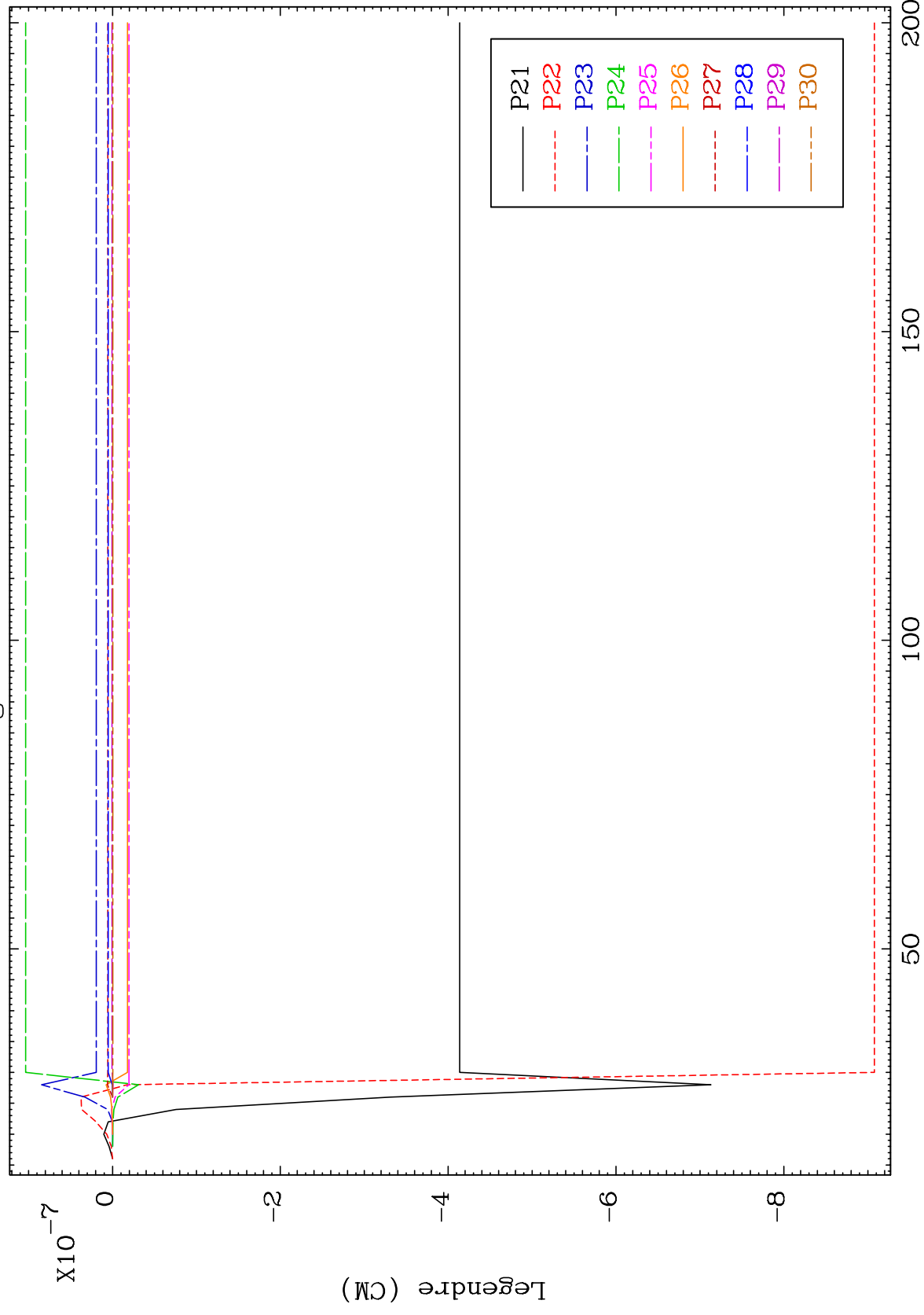
Incident Energy (MeV)

82-Pb-201

MAT 8216

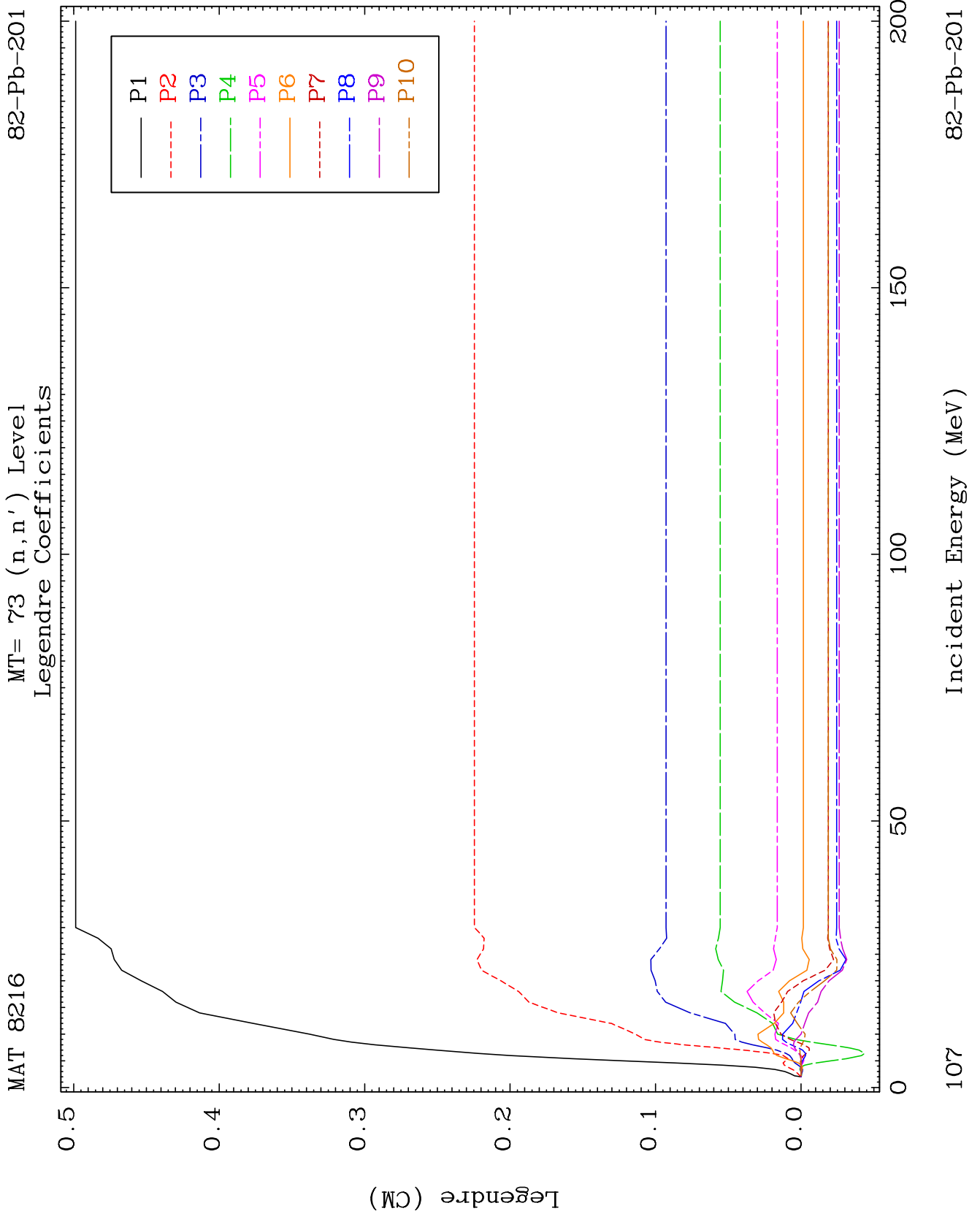
MT= 72 (n,n') Level  
Legendre Coefficients

82-Pb-201



106

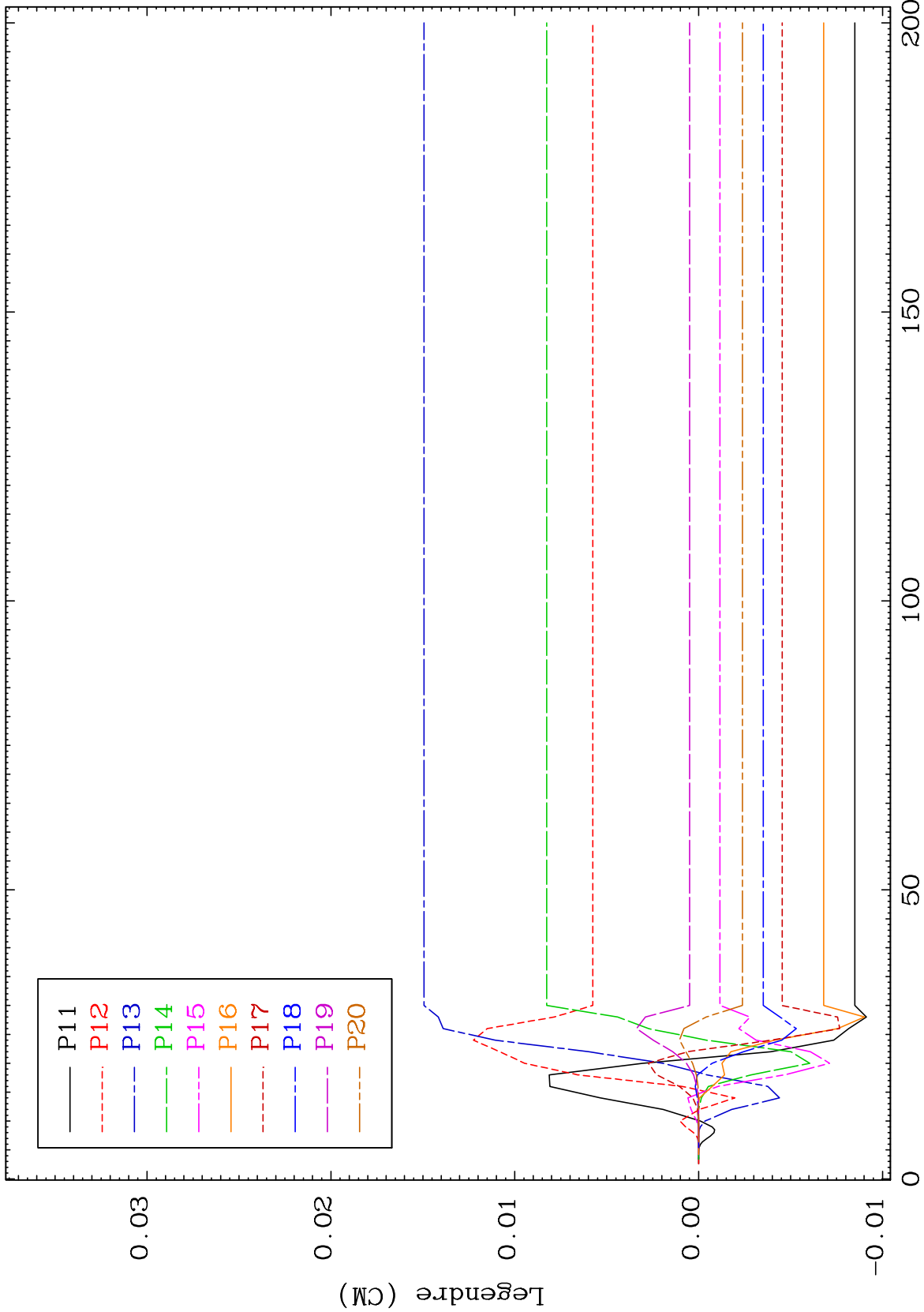
82-Pb-201



MAT 8216

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

82-Pb-201



108

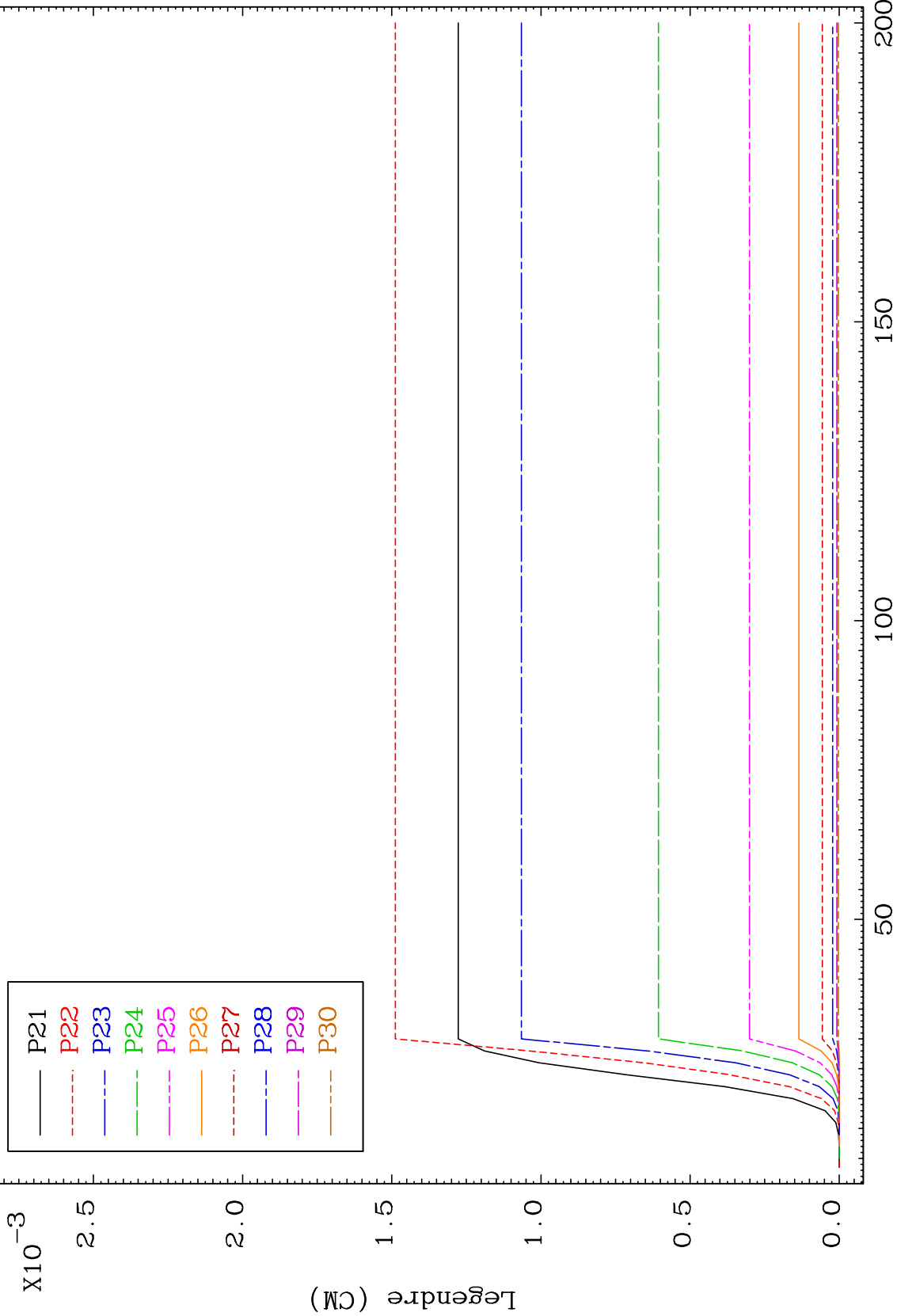
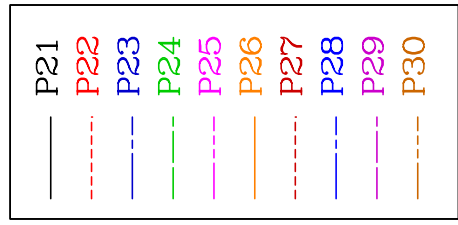
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



109

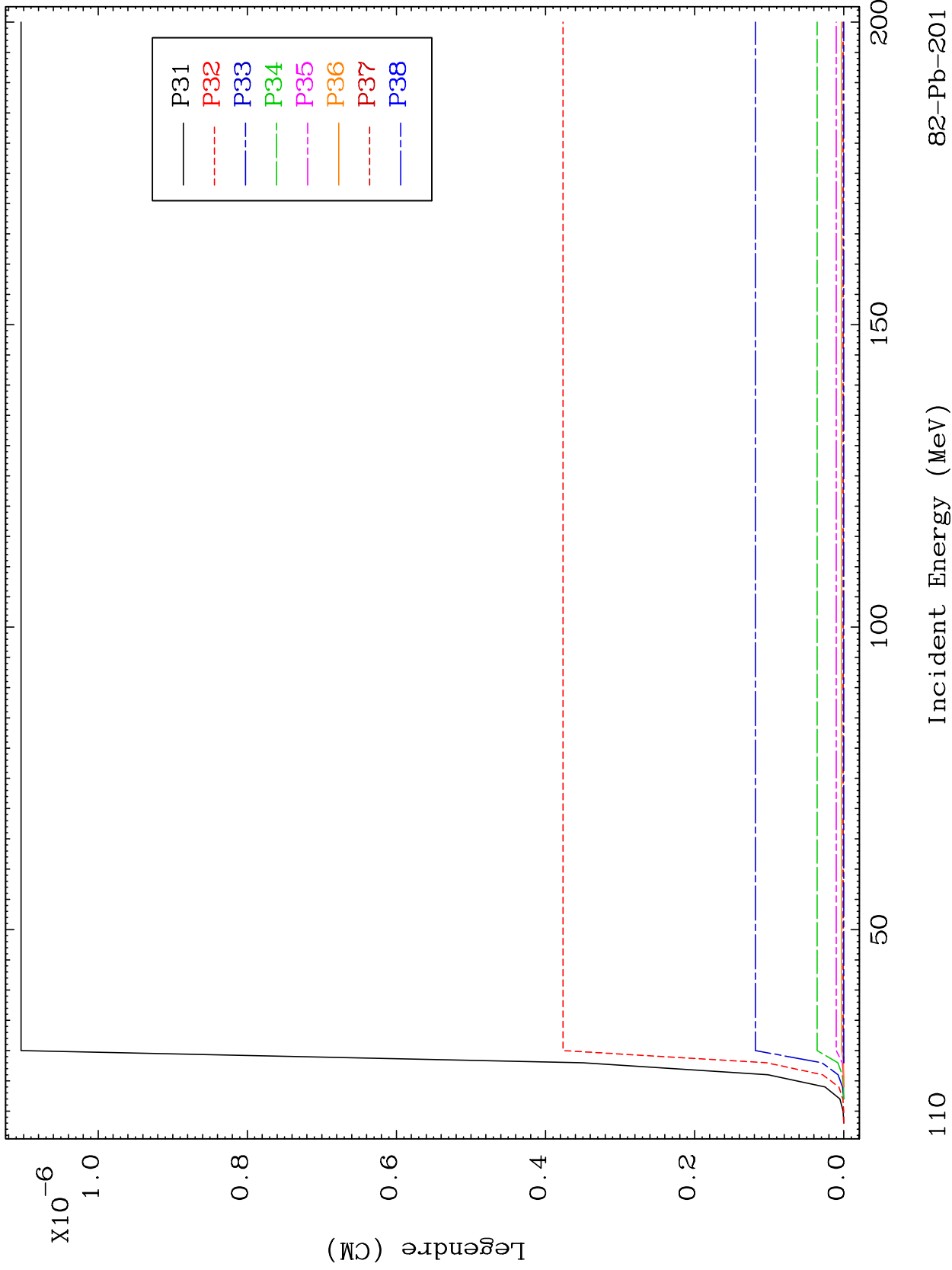
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



110

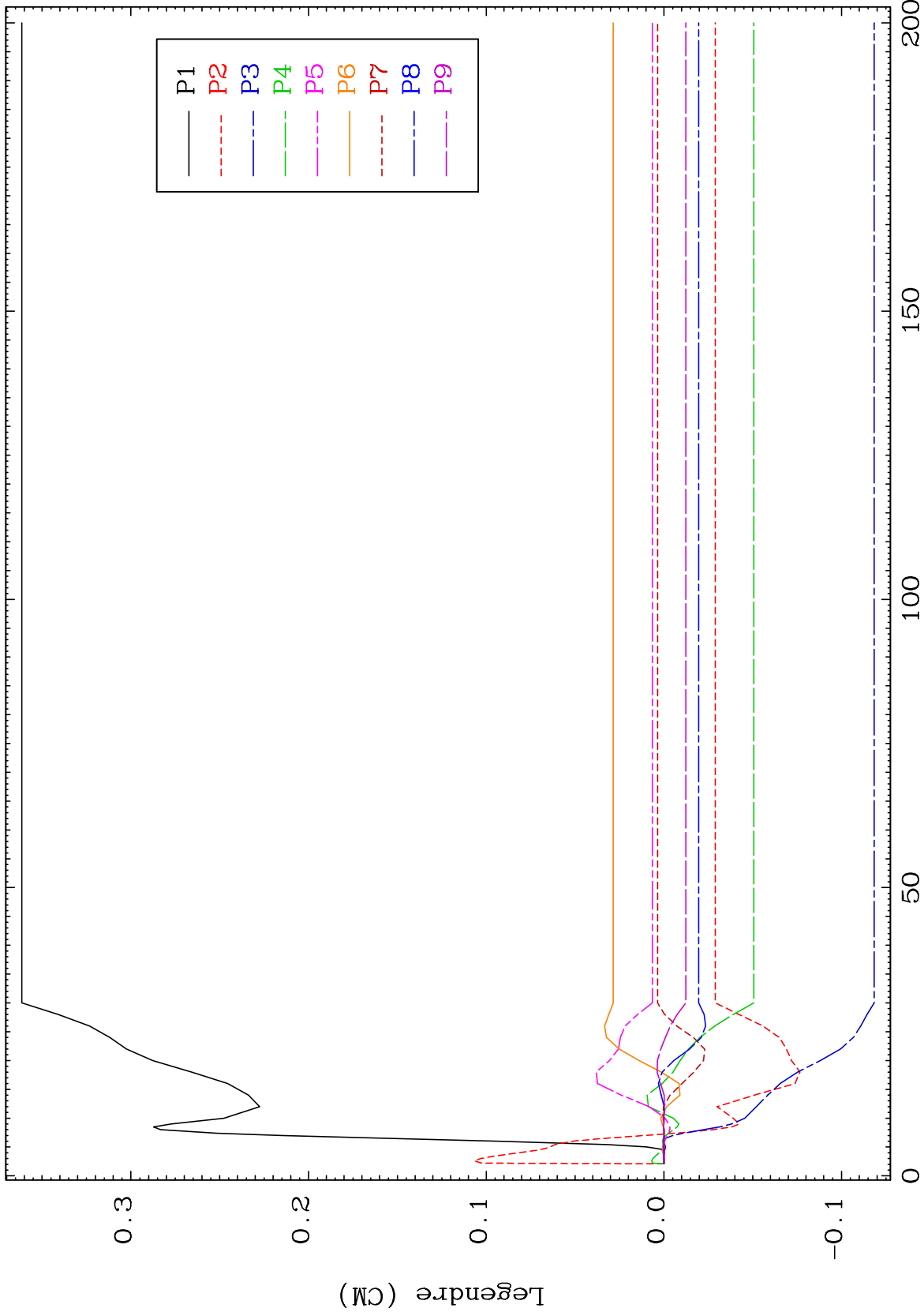
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201

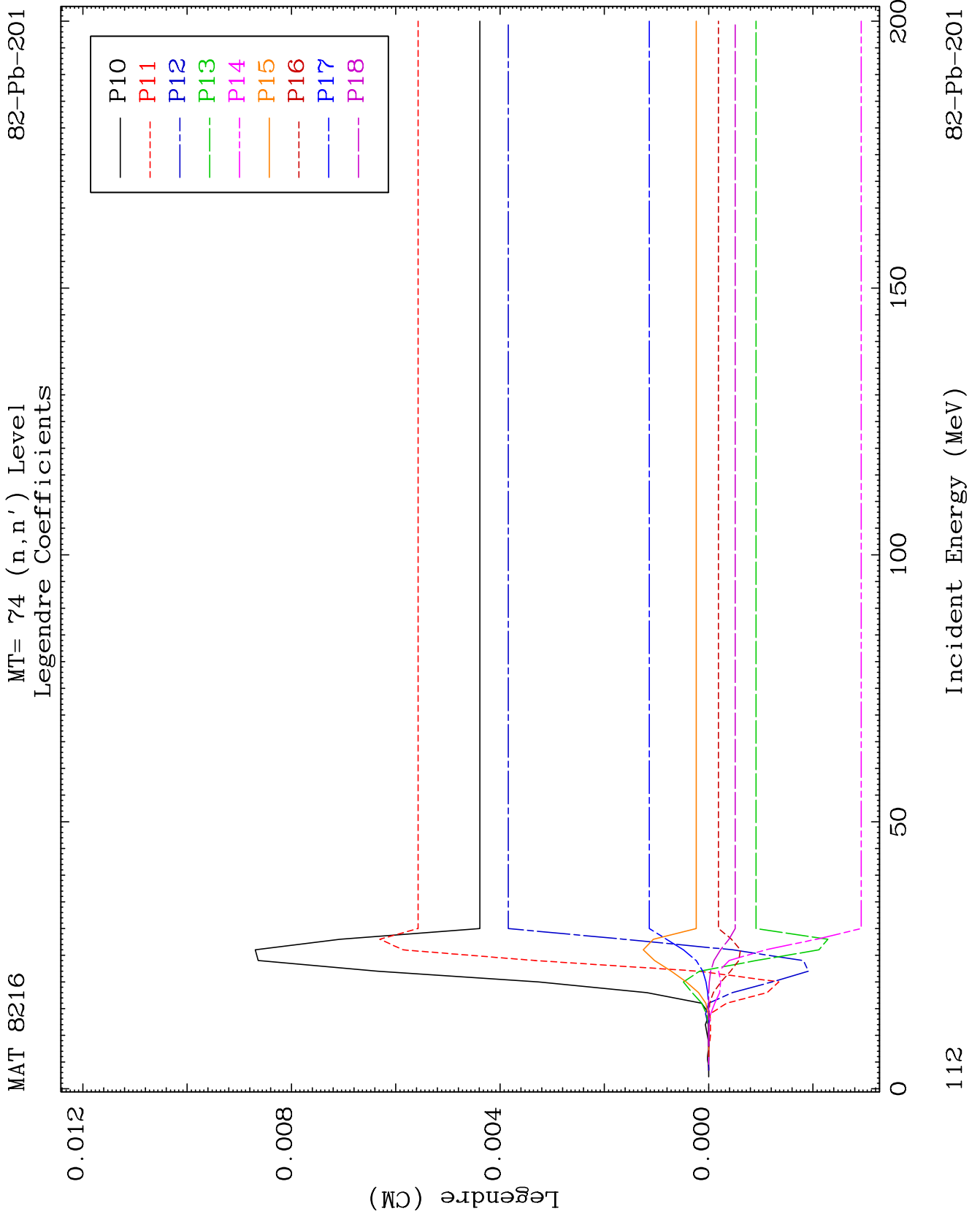


111

Incident Energy (MeV)

82-Pb-201

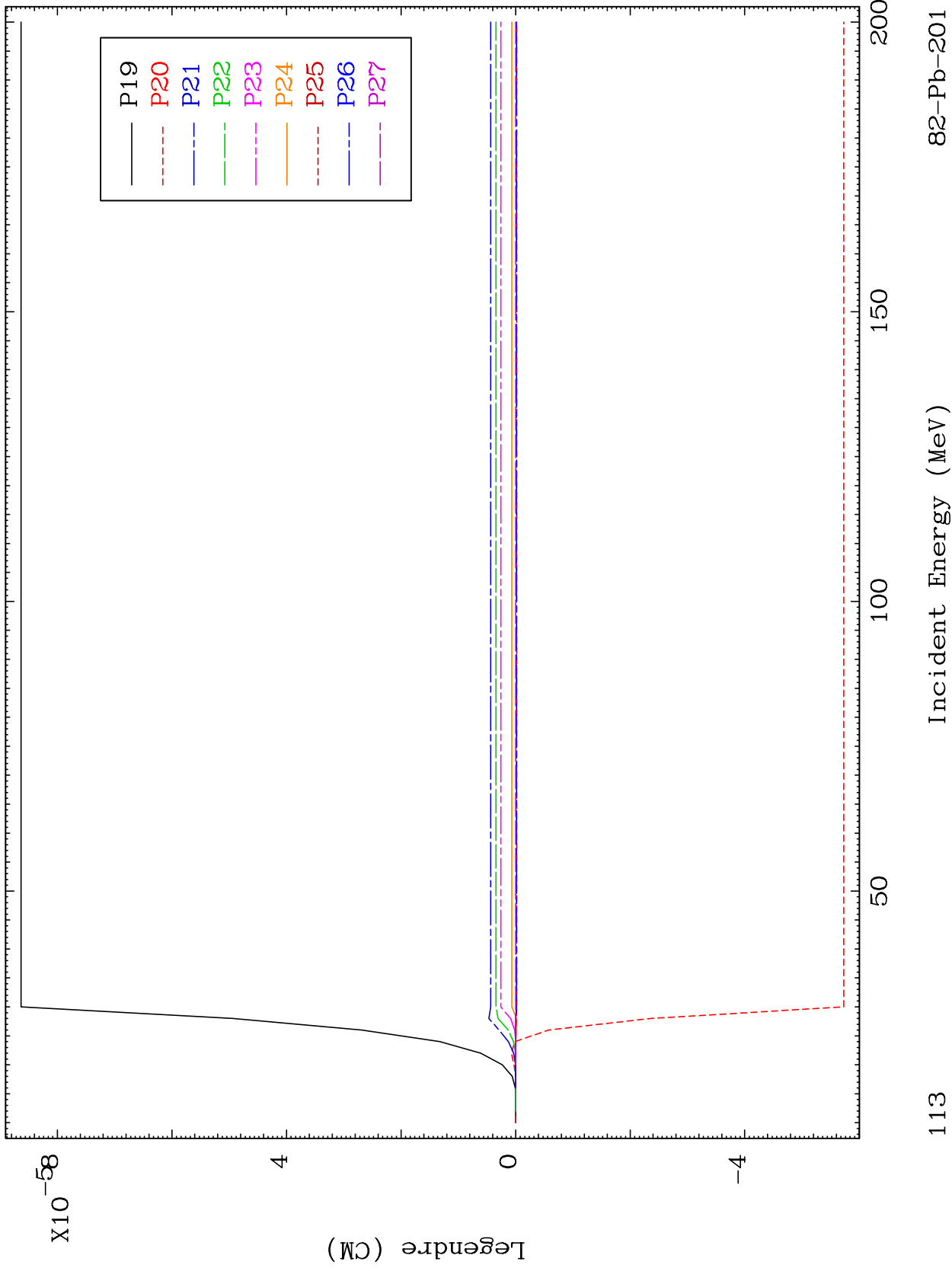




MAT 8216

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

82-Pb-201

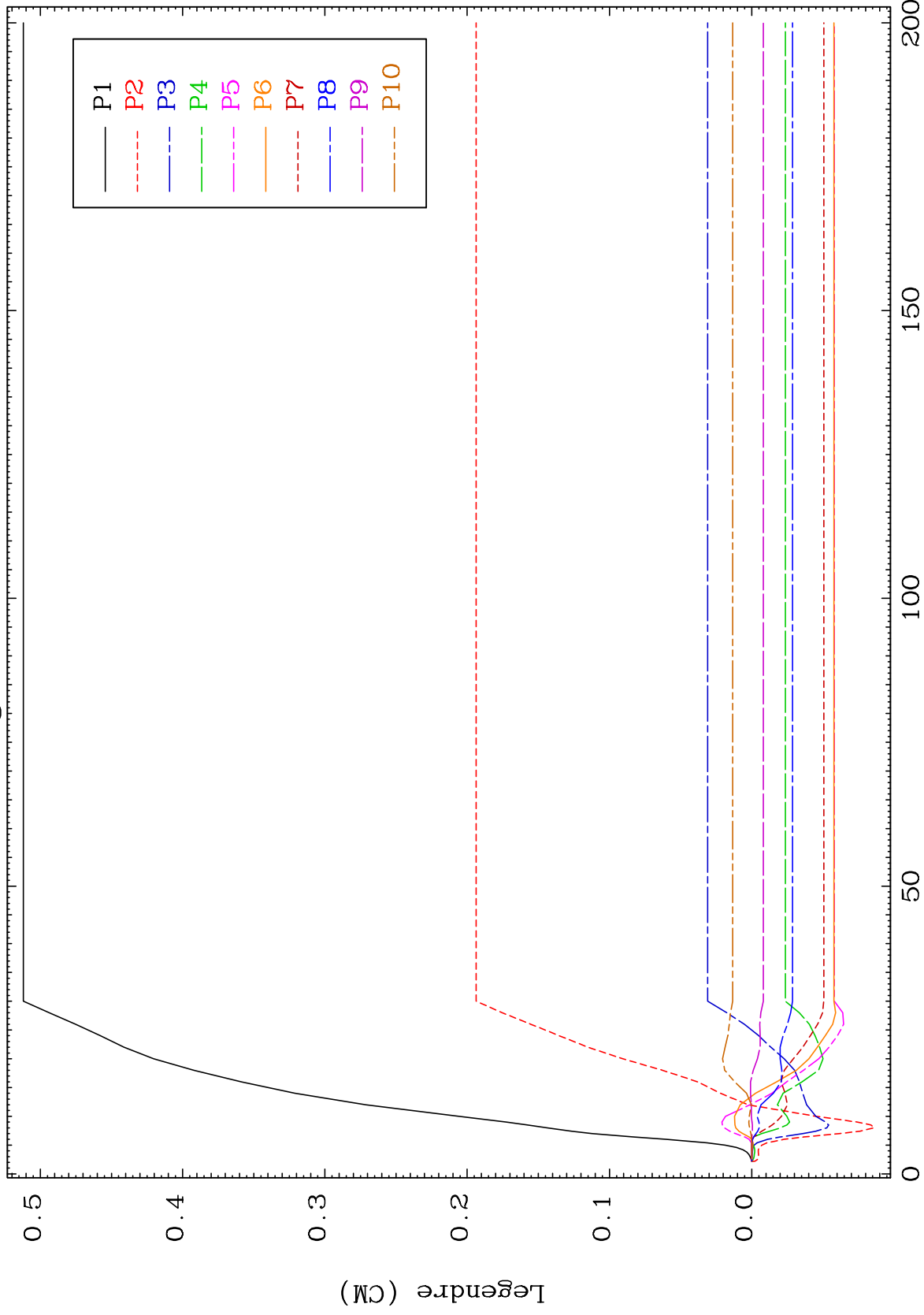




MAT 8216

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

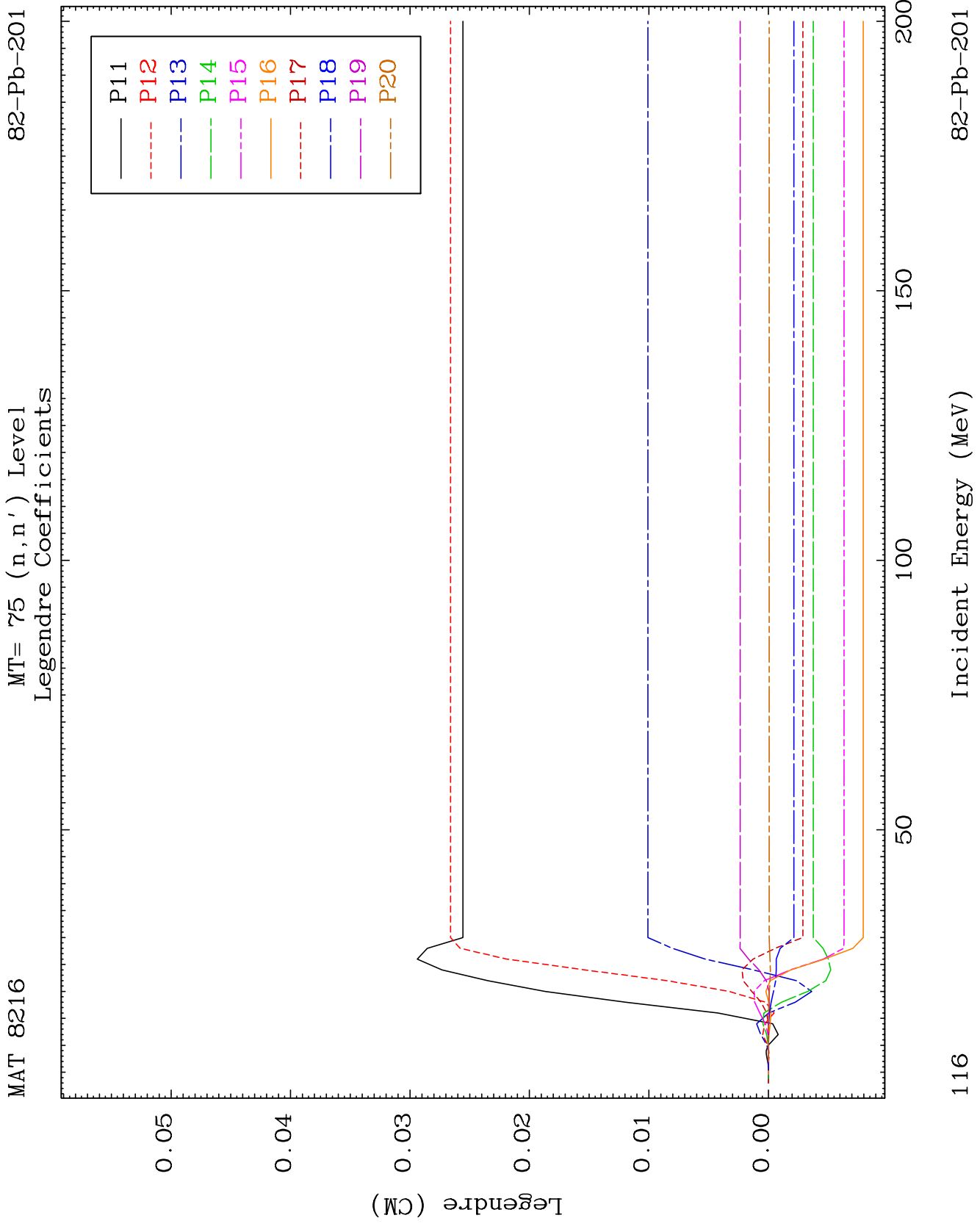
82-Pb-201



82-Pb-201

Incident Energy (MeV)

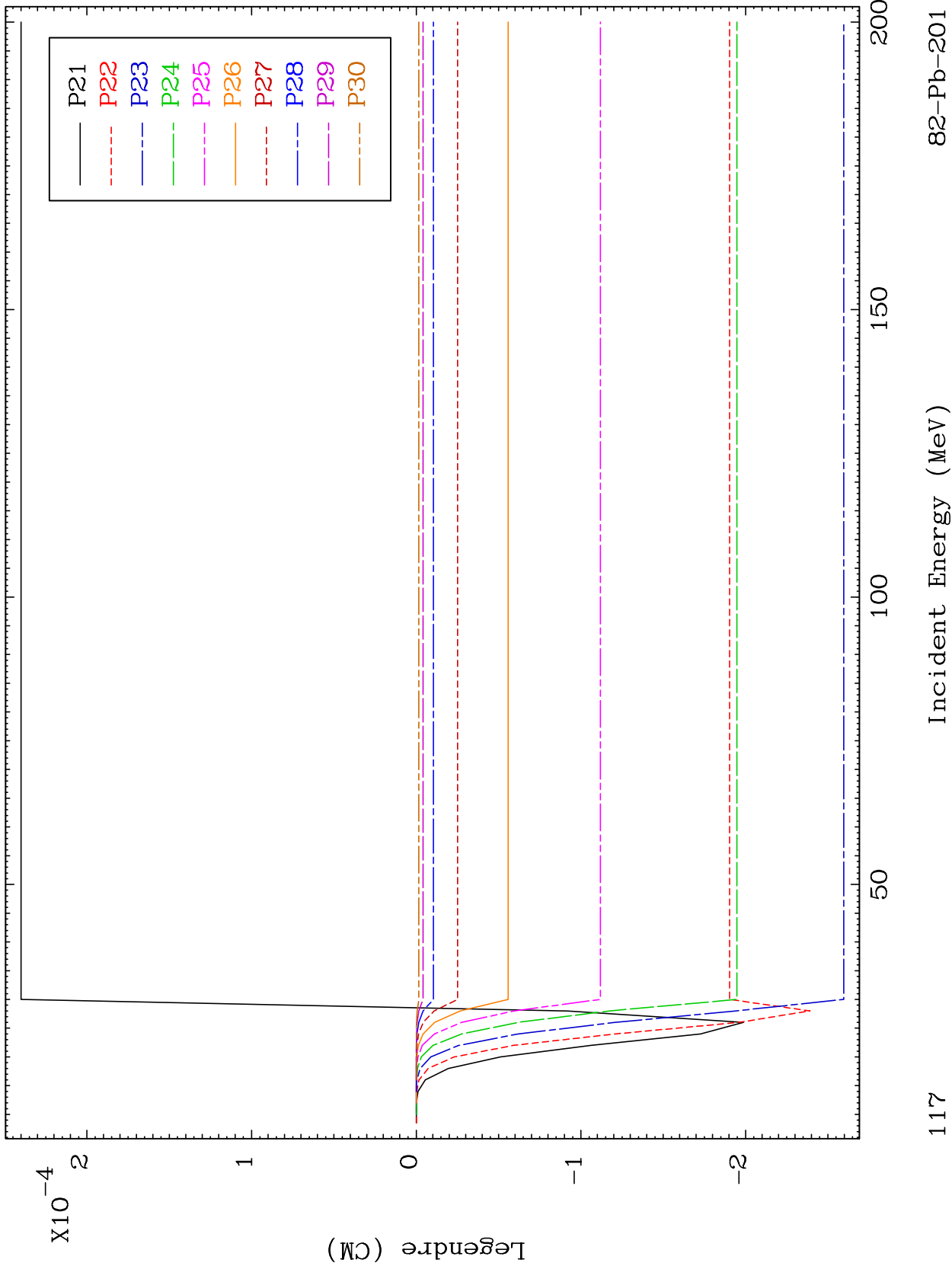
115



MAT 8216

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

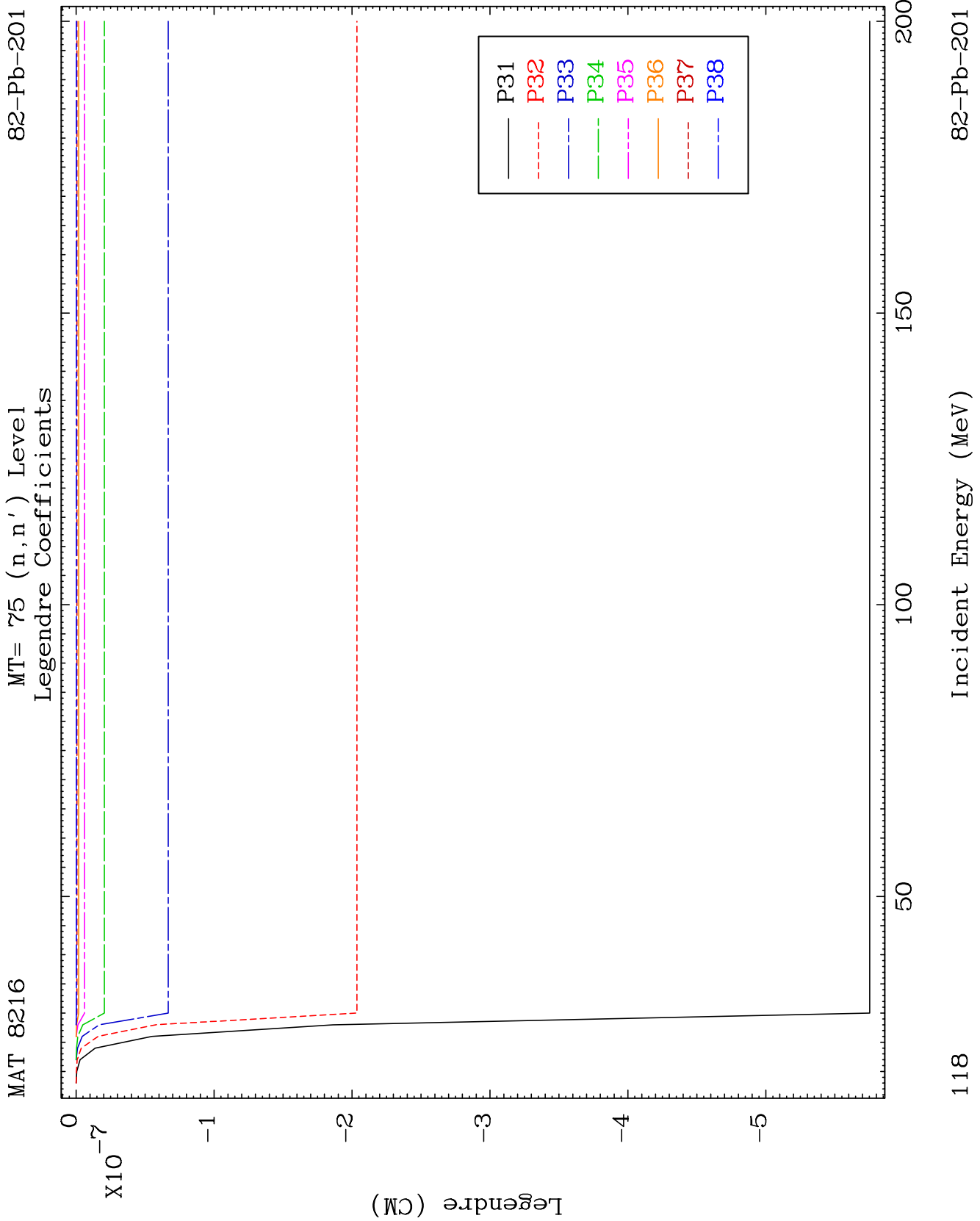
82-Pb-201



117

Incident Energy (MeV)

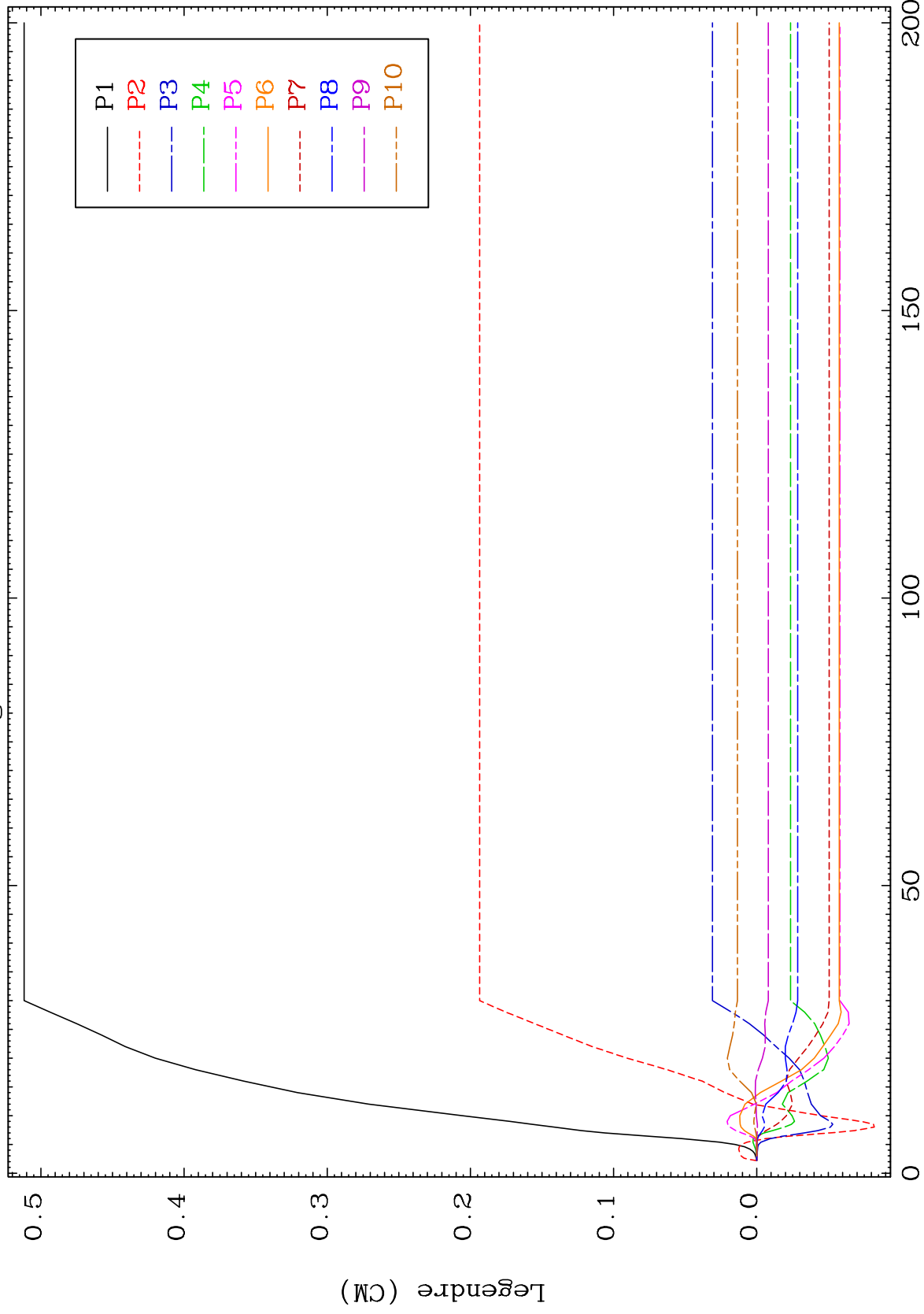
82-Pb-201



MAT 8216

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

82-Pb-201

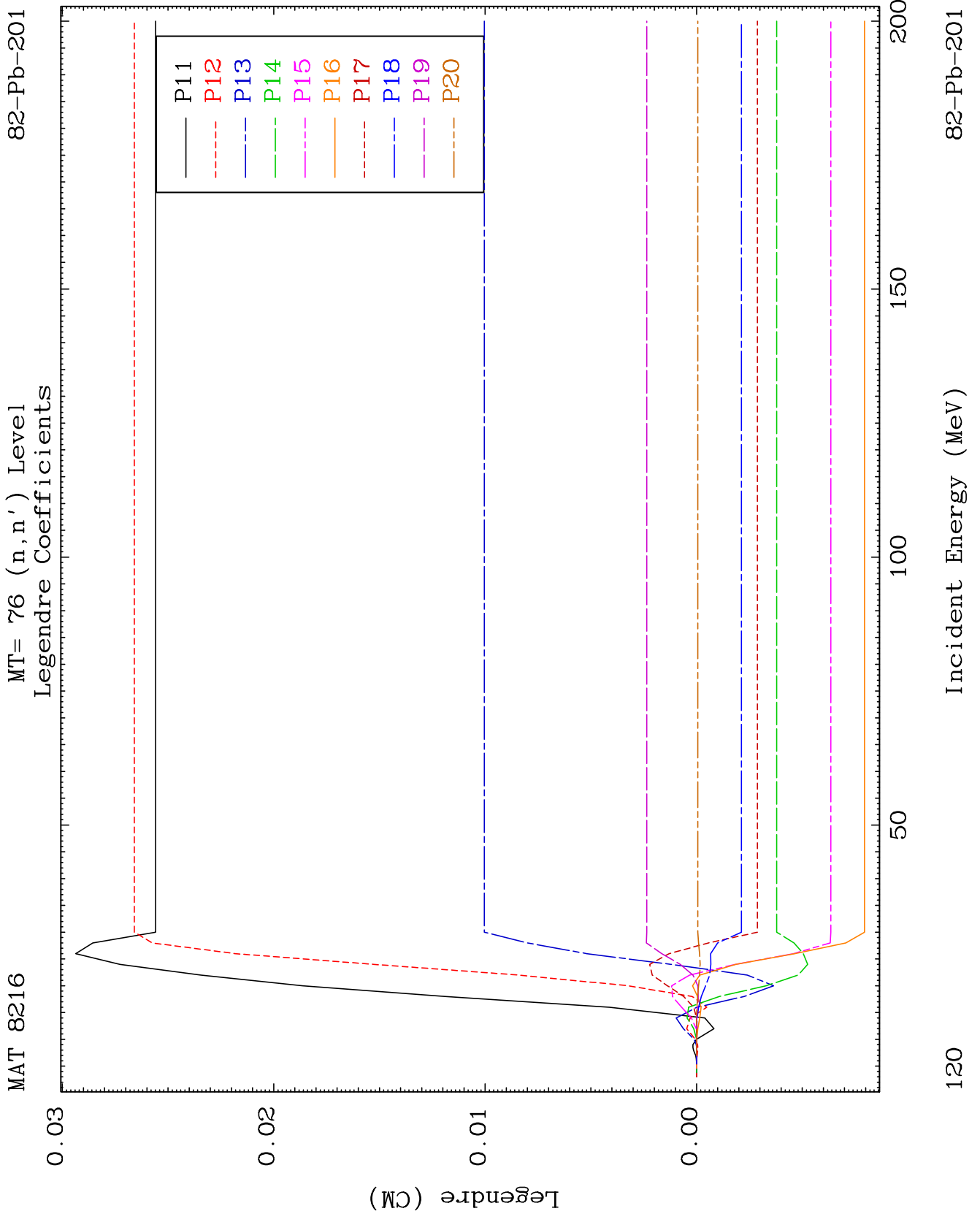


119

Incident Energy (MeV)

82-Pb-201

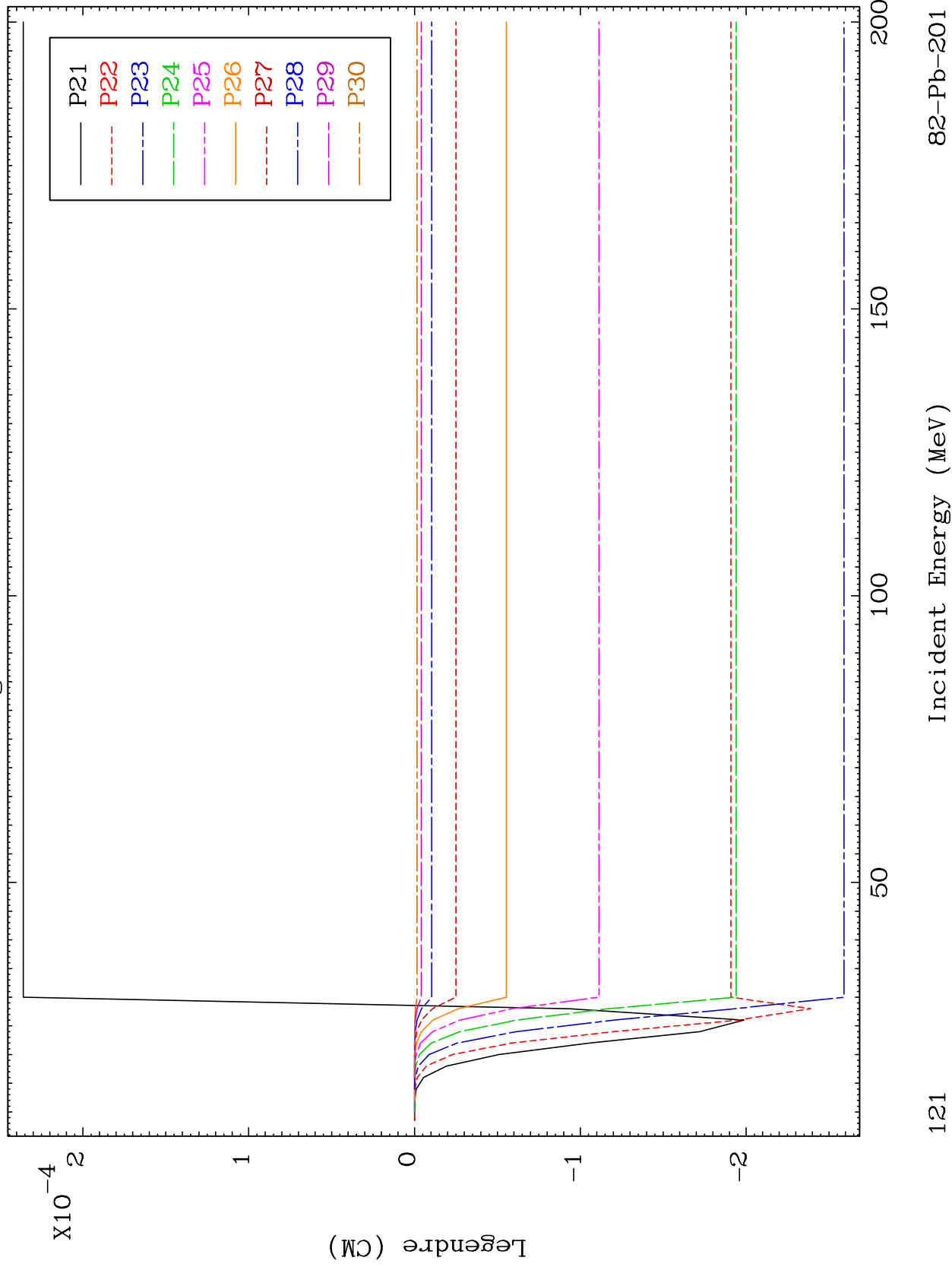




MAT 8216

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

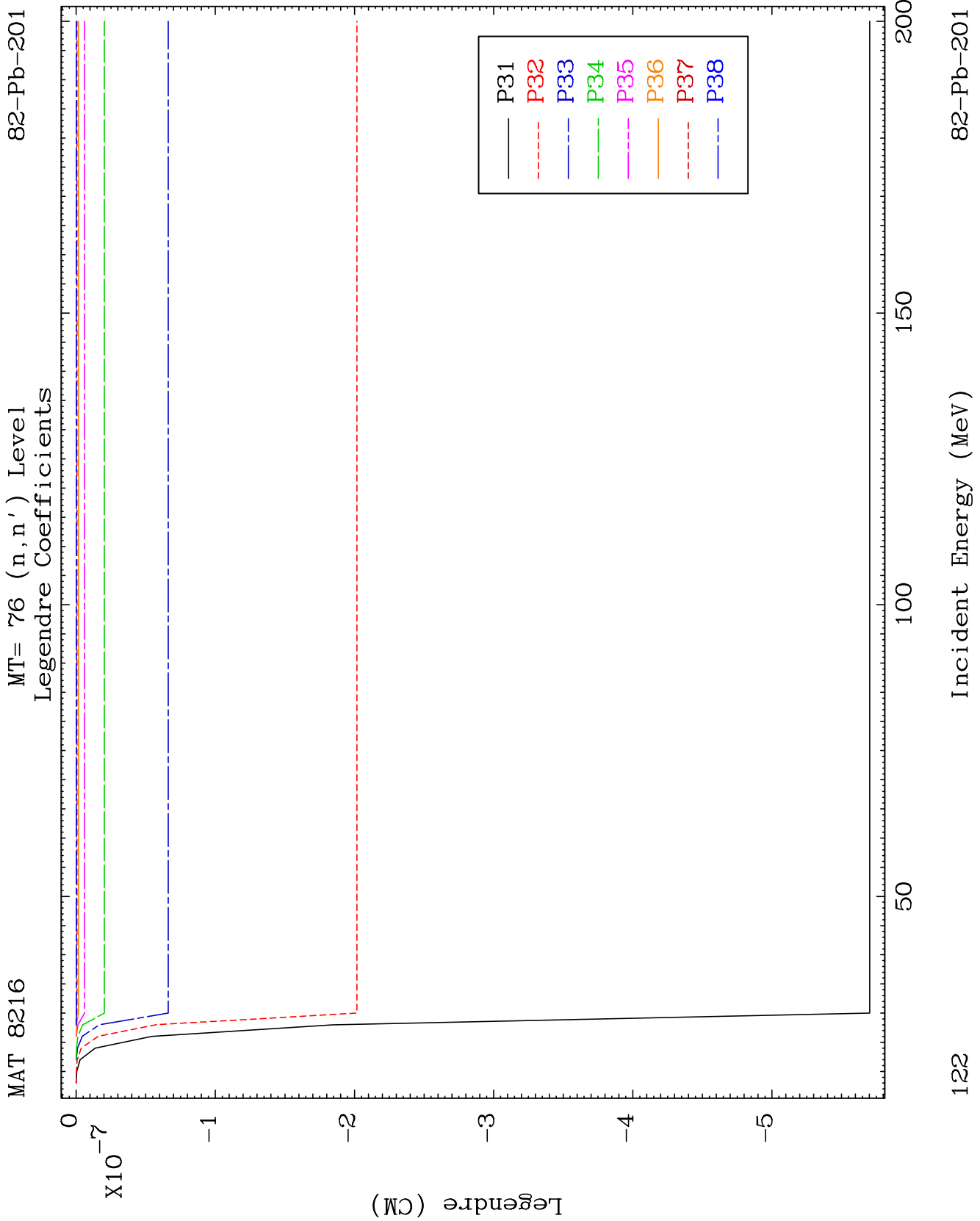
82-Pb-201



121

Incident Energy (MeV)

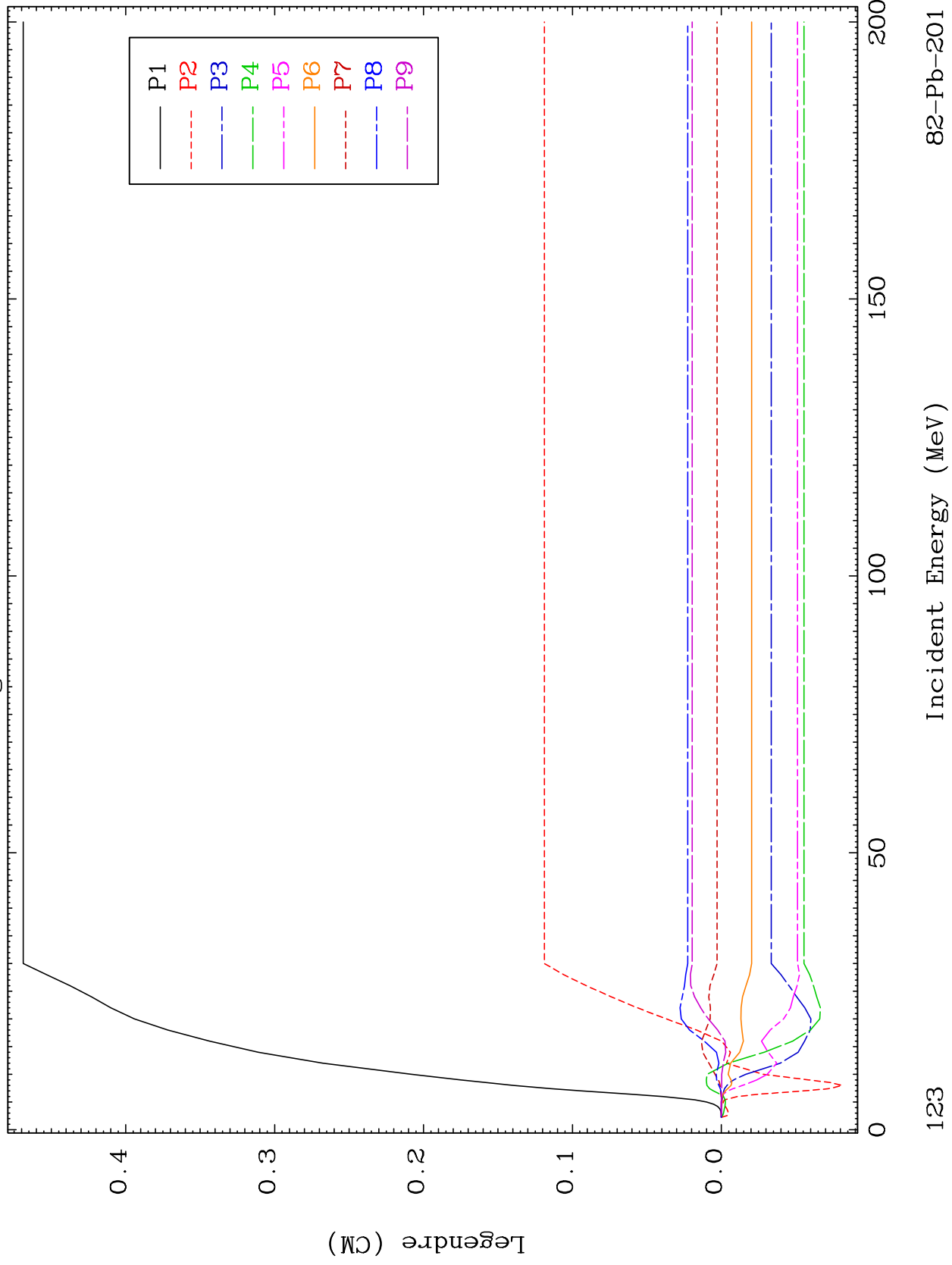
82-Pb-201



MAT 8216

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

82-Pb-201



123

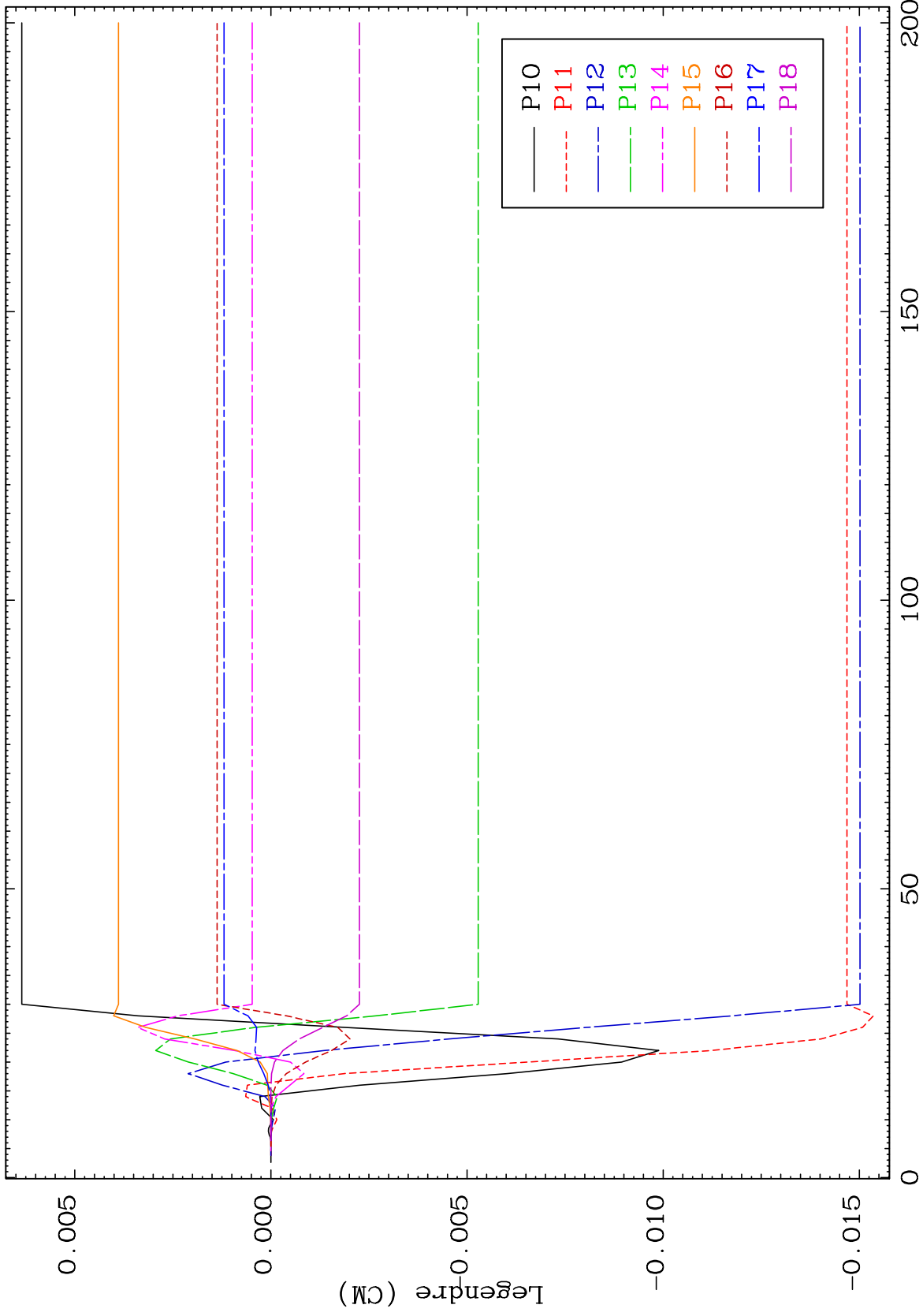
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



124

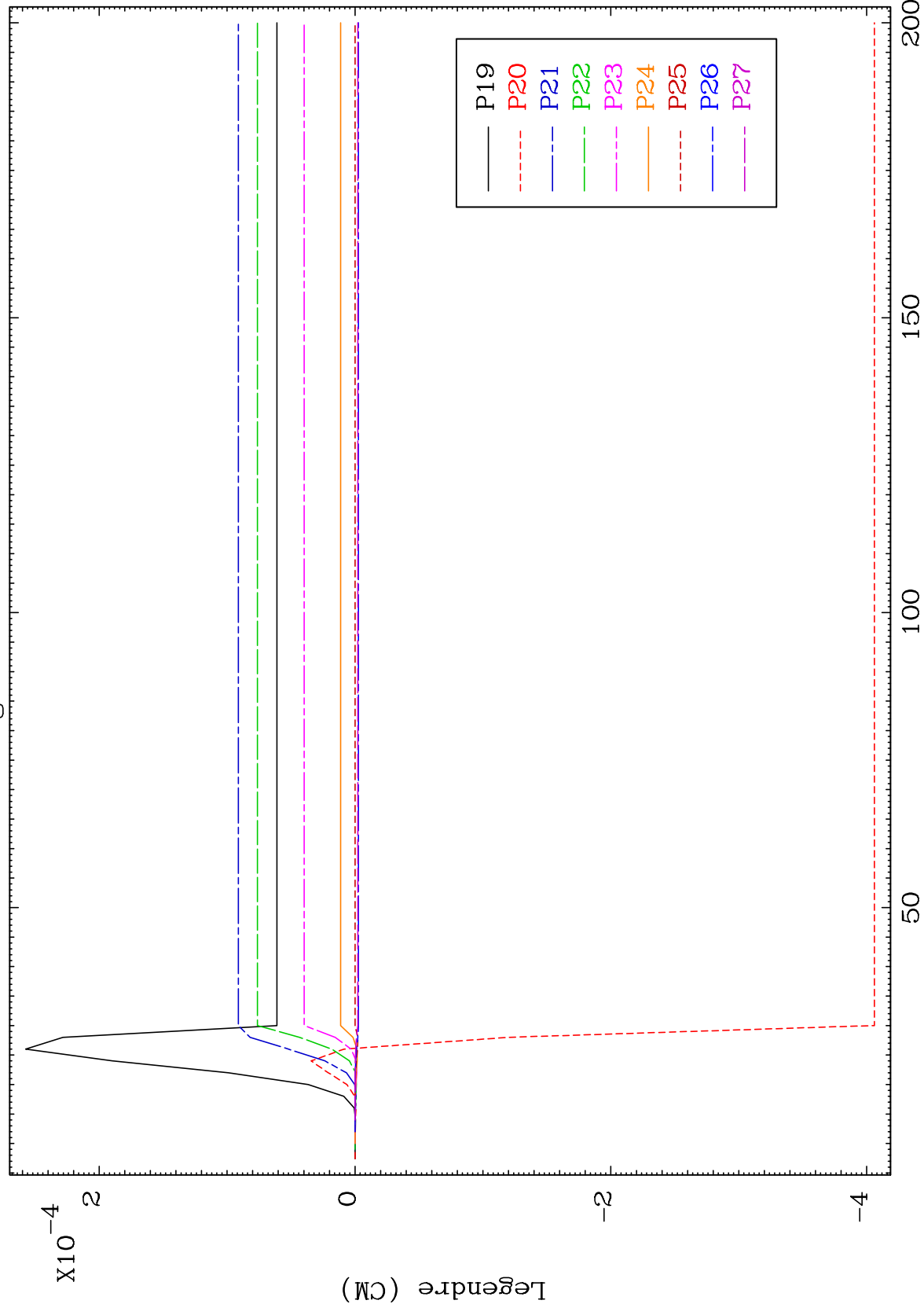
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



125

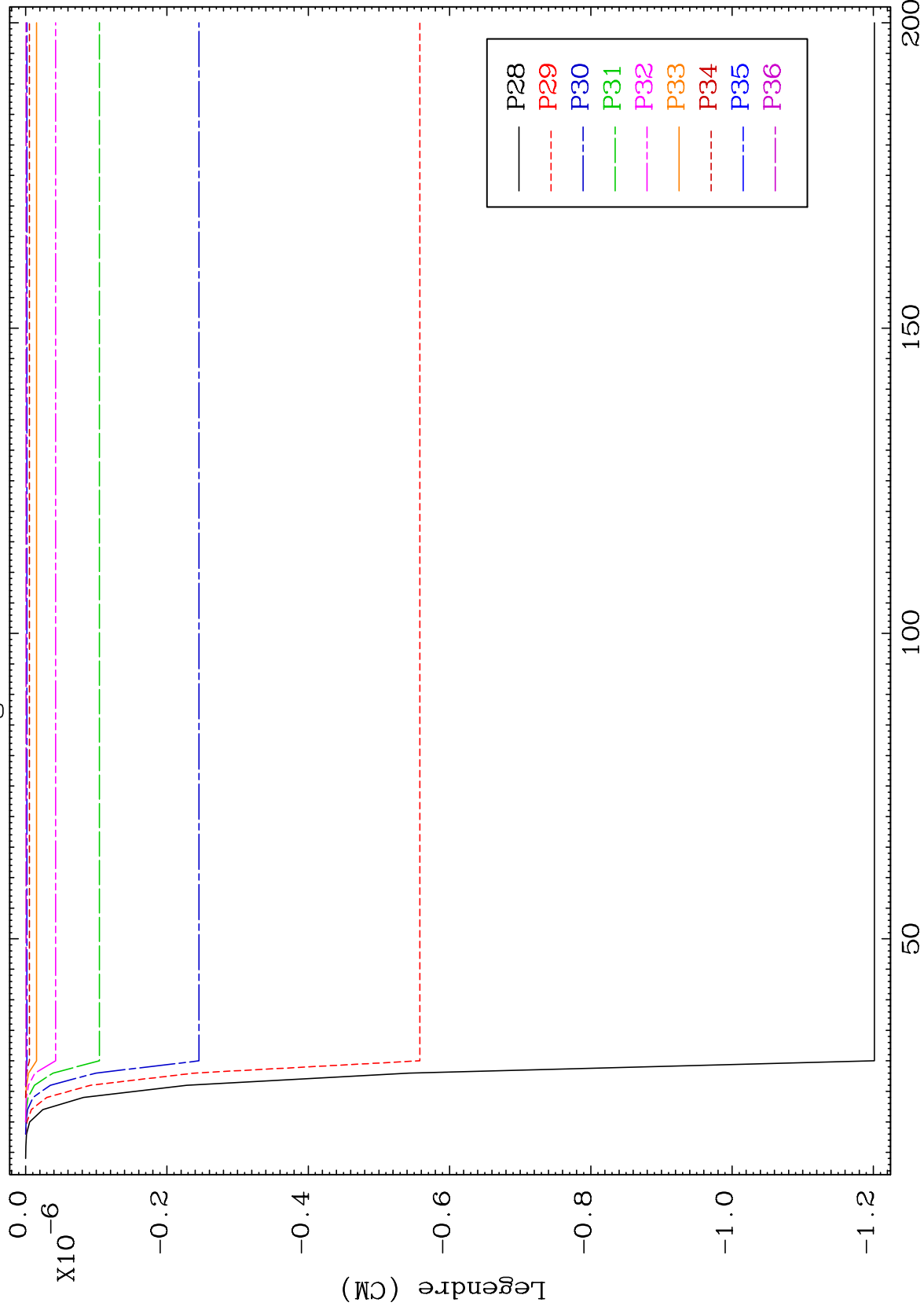
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



126

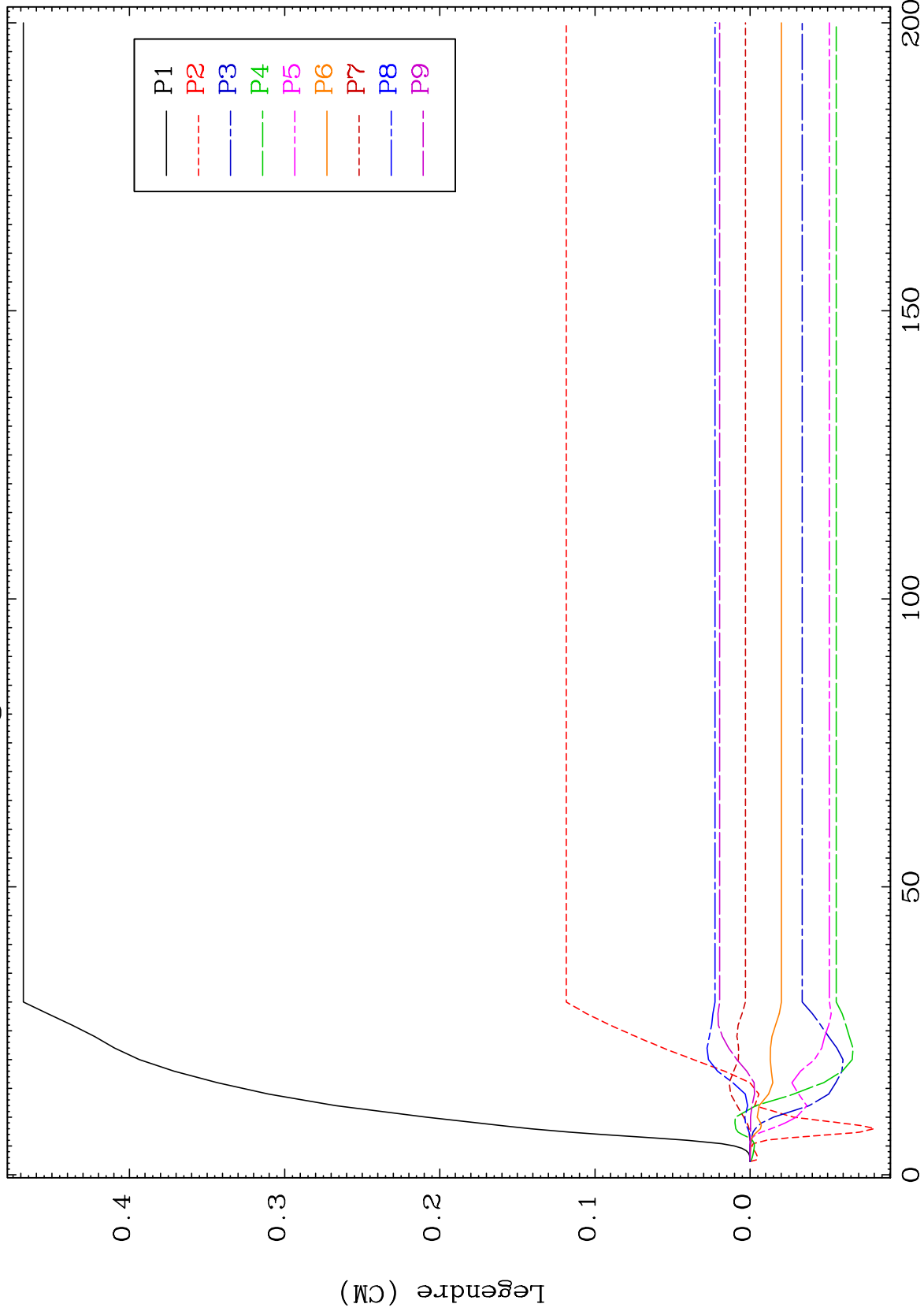
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



127

Incident Energy (MeV)

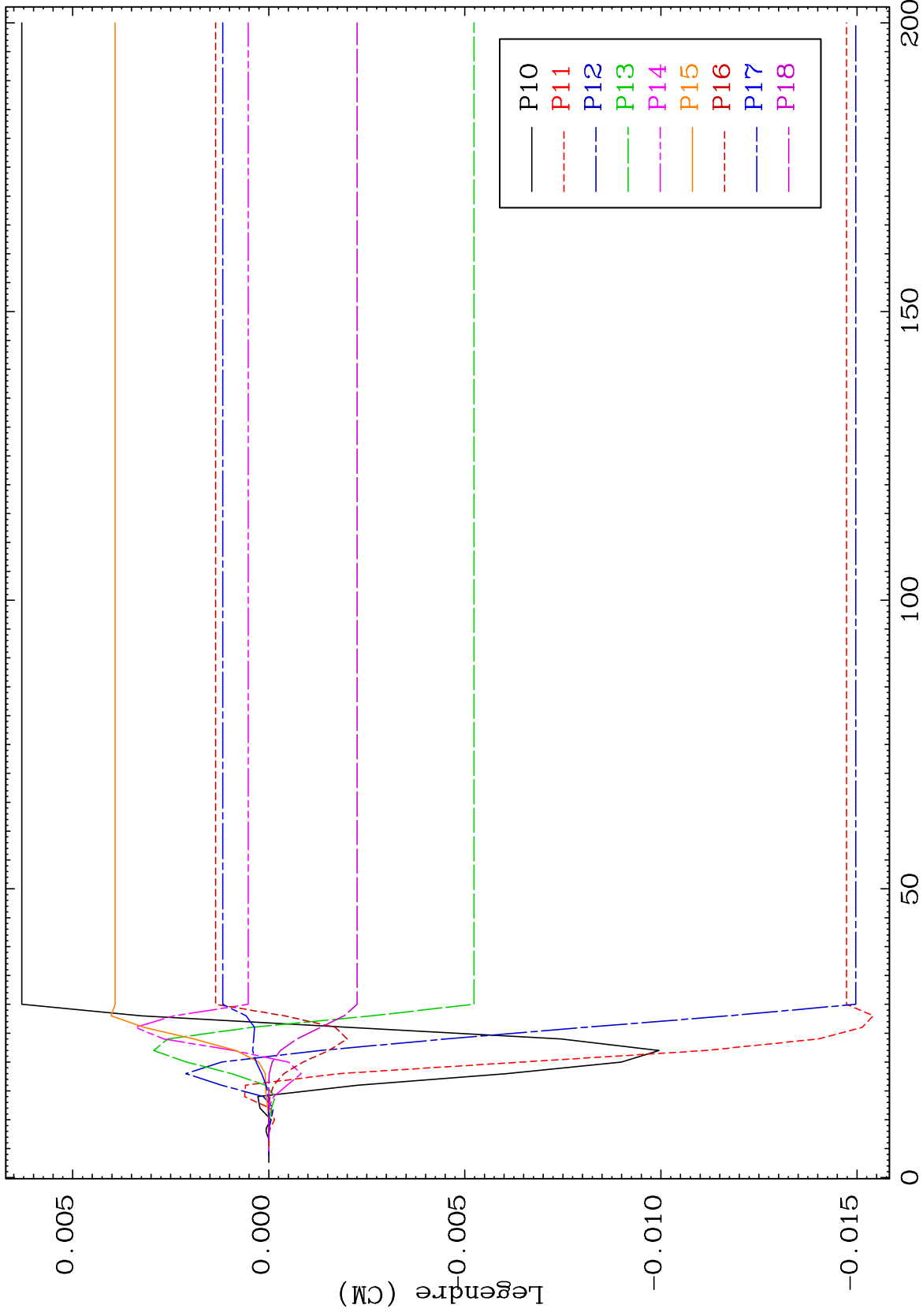
82-Pb-201



MAT 8216

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

82-Pb-201



128

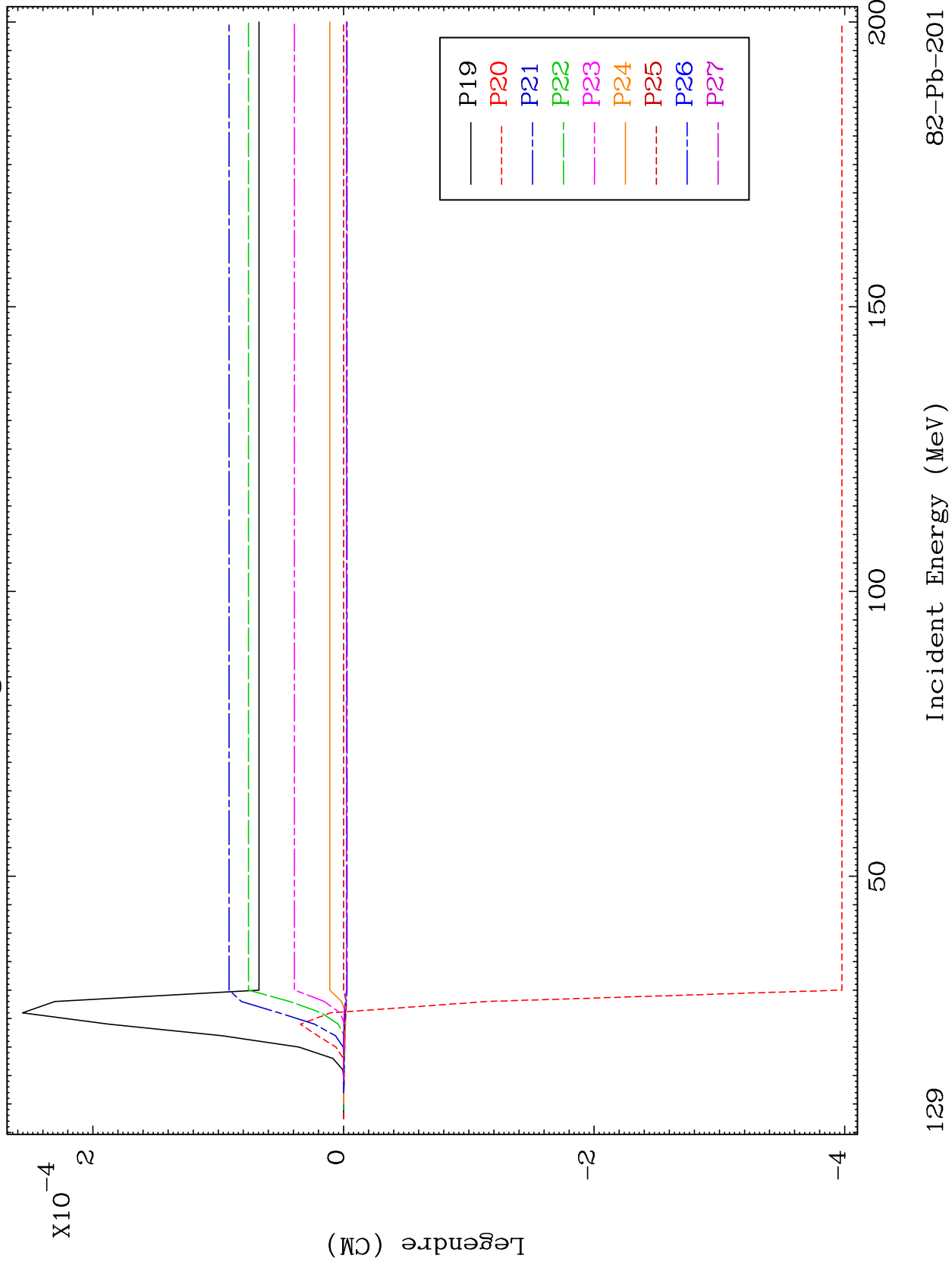
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

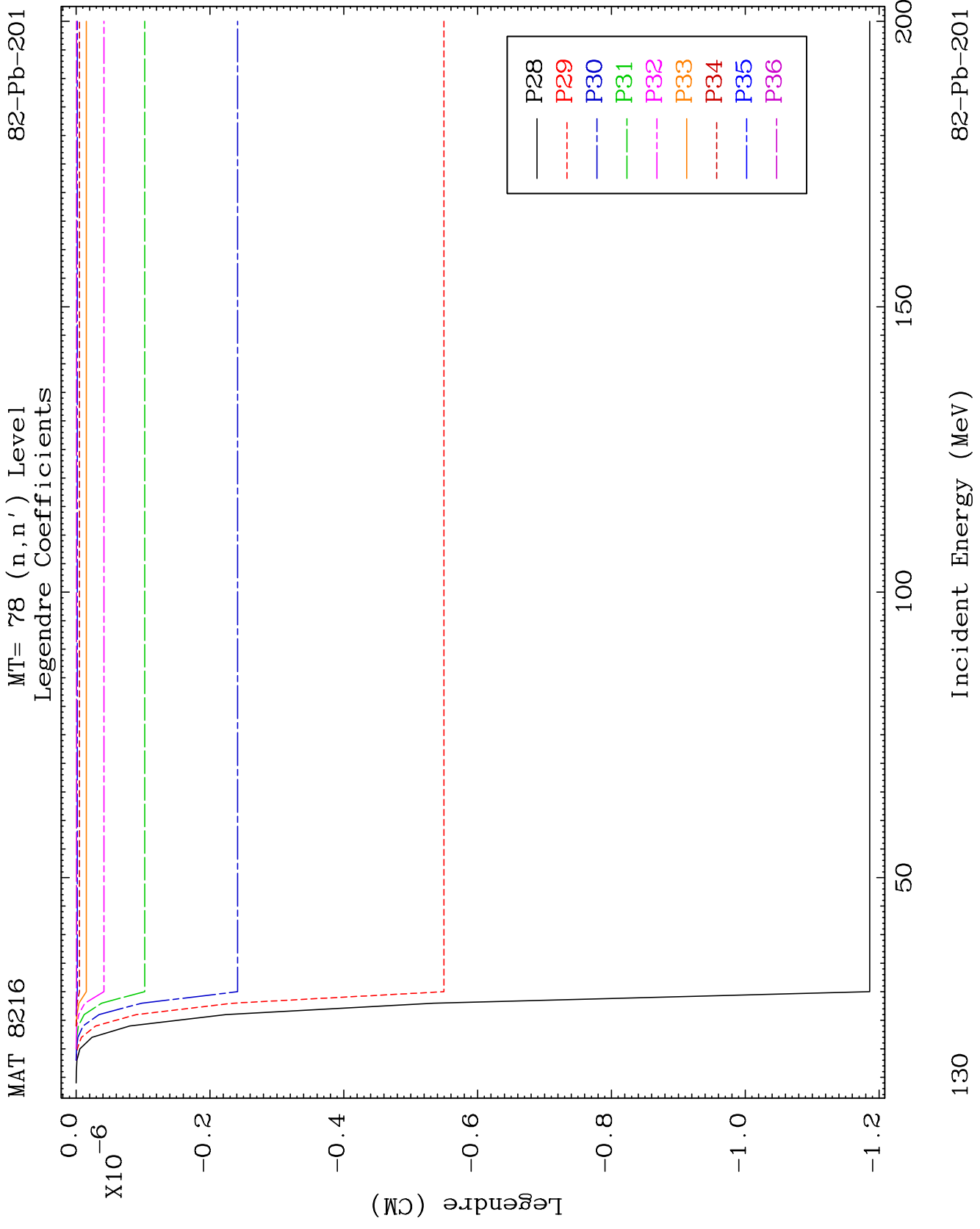
82-Pb-201



129

Incident Energy (MeV)

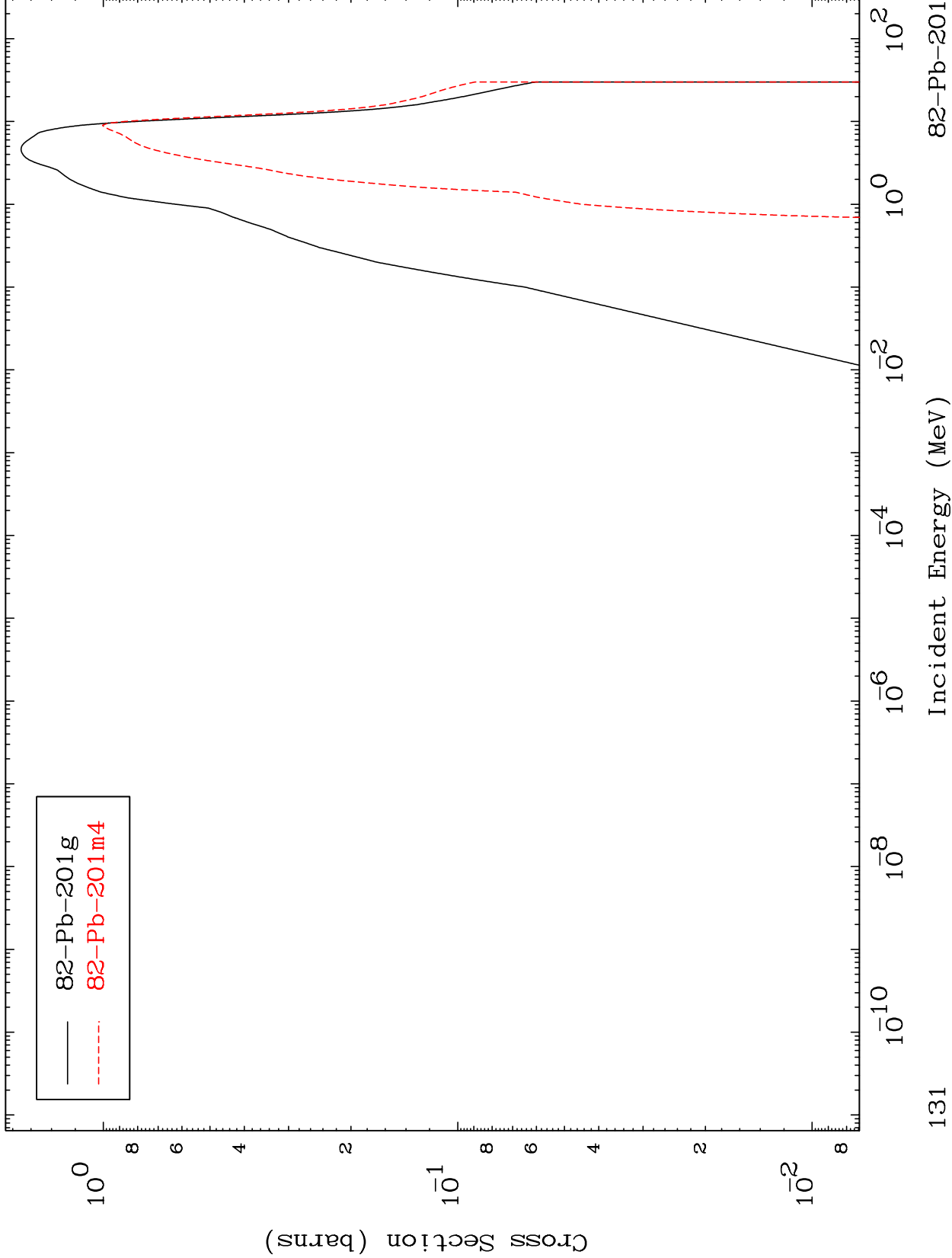
82-Pb-201



MAT 8216

Inelastic  
Radionuclide Production Cross Section

82-Pb-201



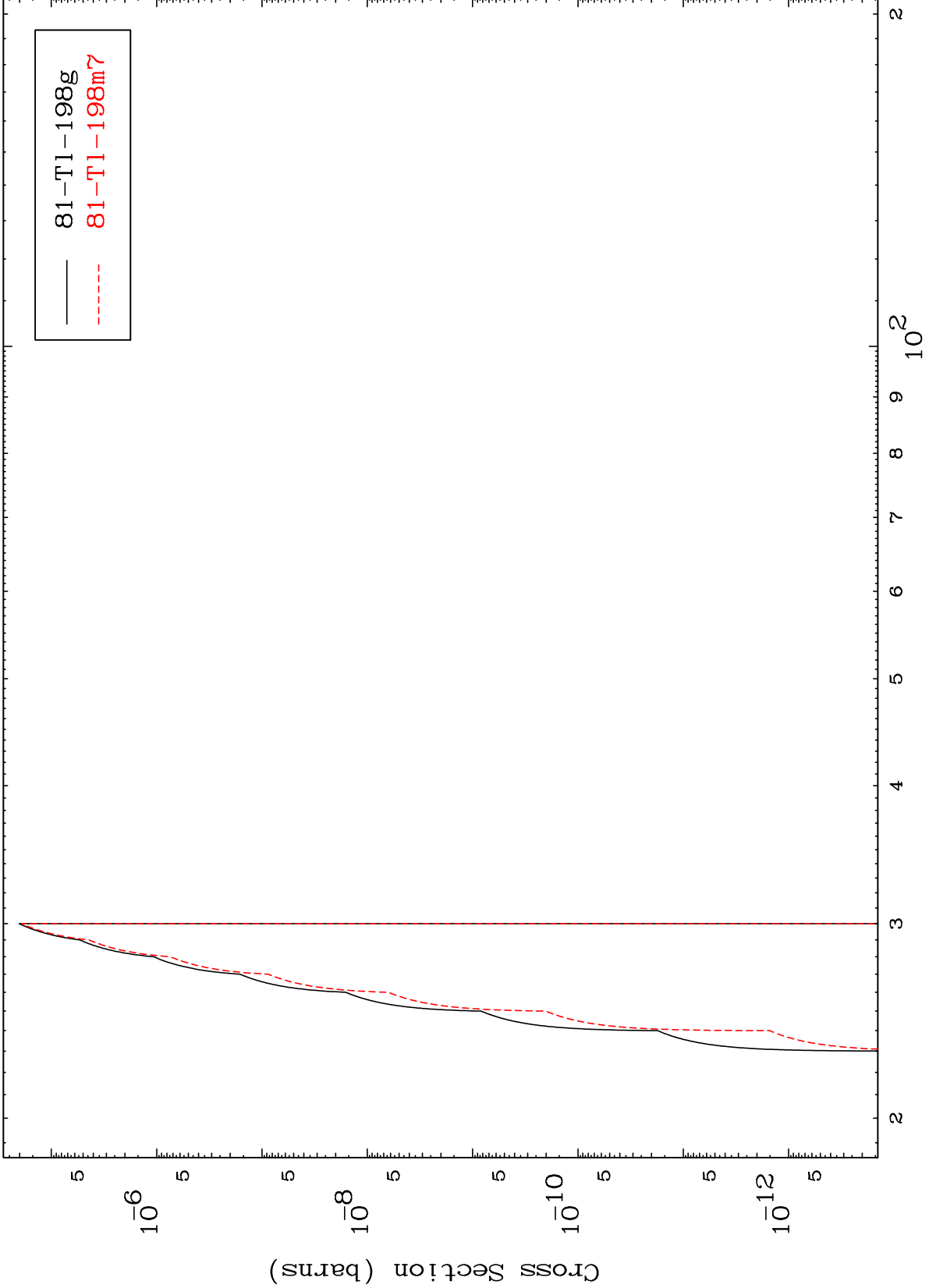
131

MAT 8216

(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



132

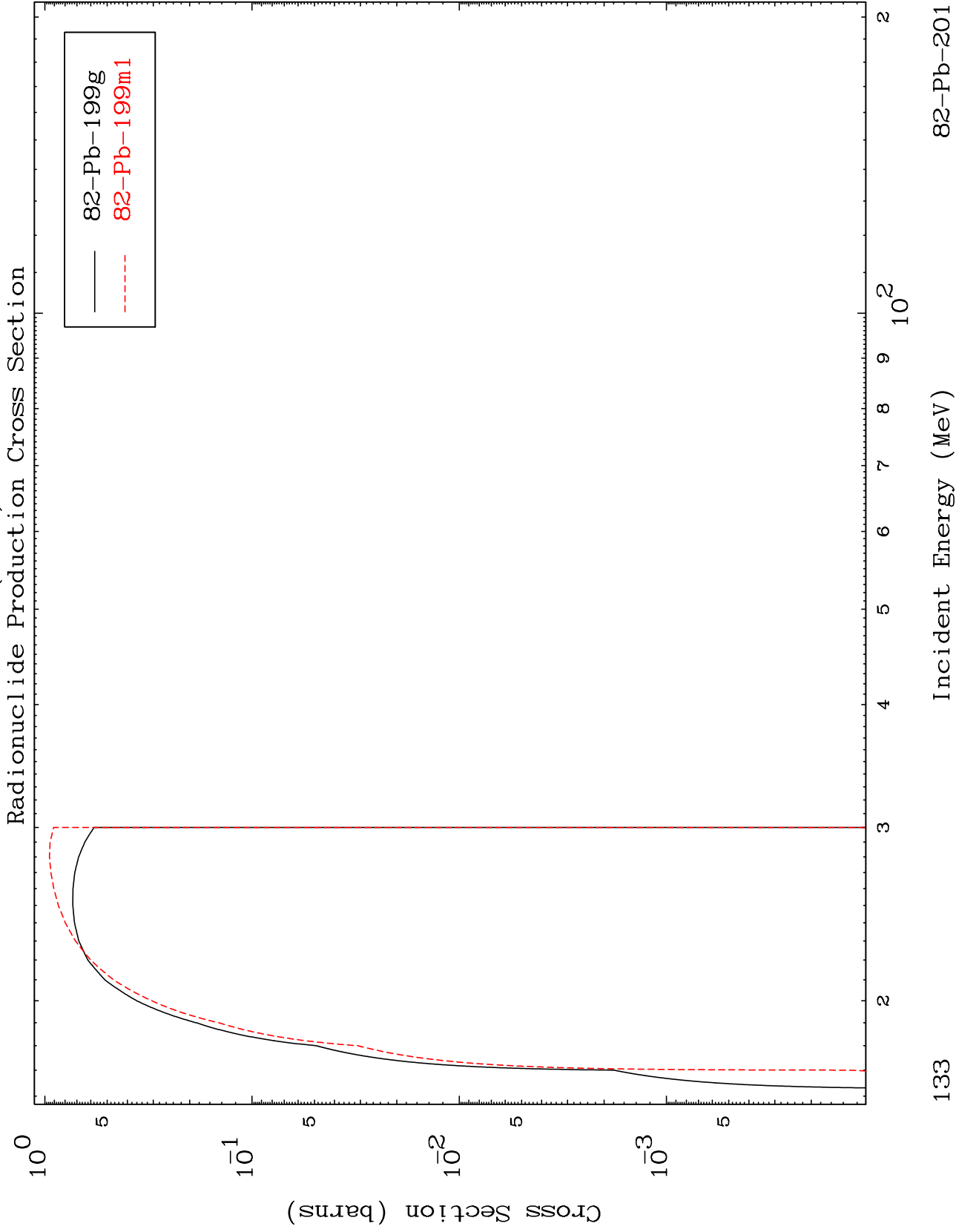
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,3n)

82-Pb-201



133

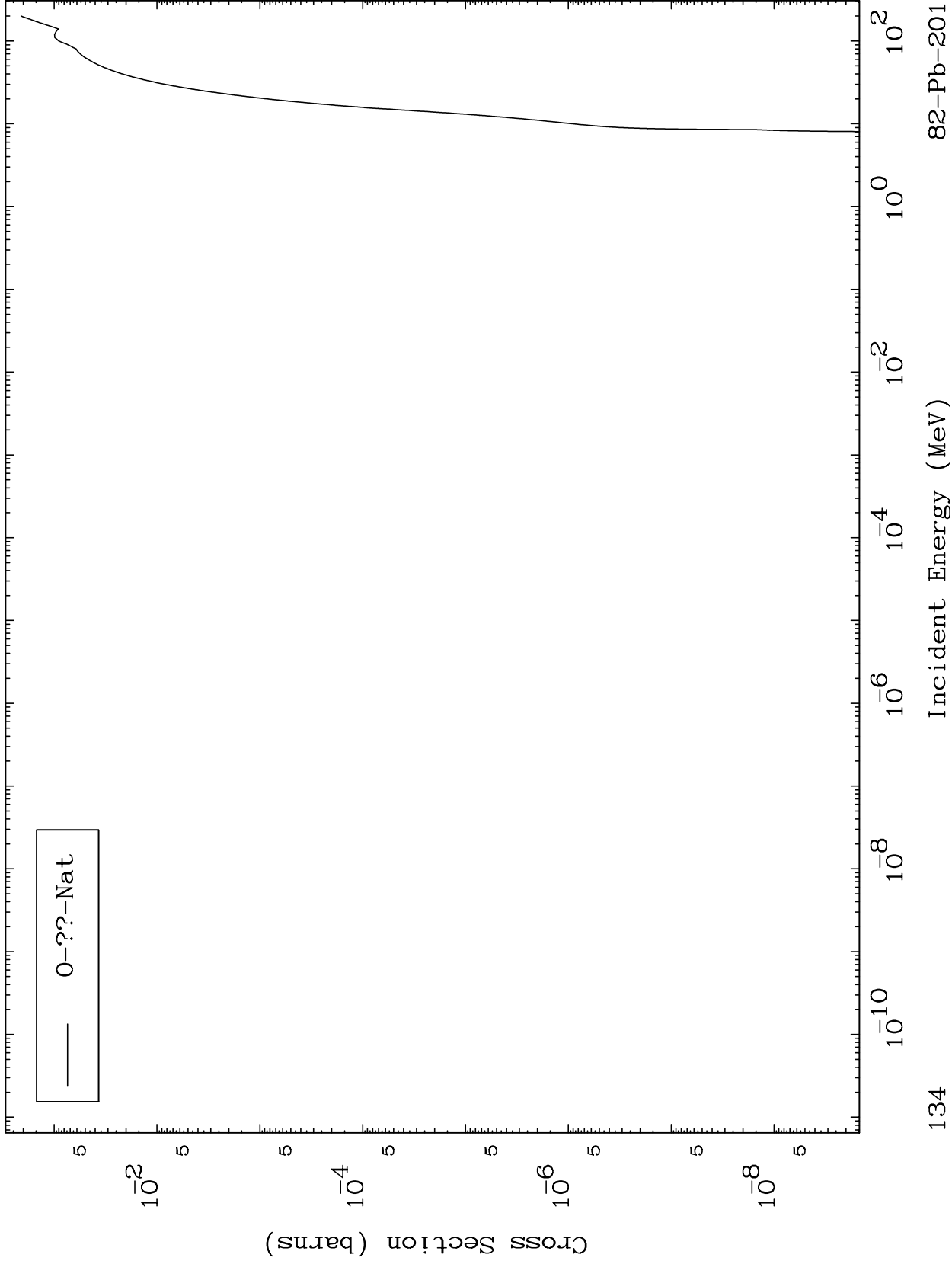
82-Pb-201

MAT 8216

Fission

82-Pb-201

Radionuclide Production Cross Section



134

Incident Energy (MeV)

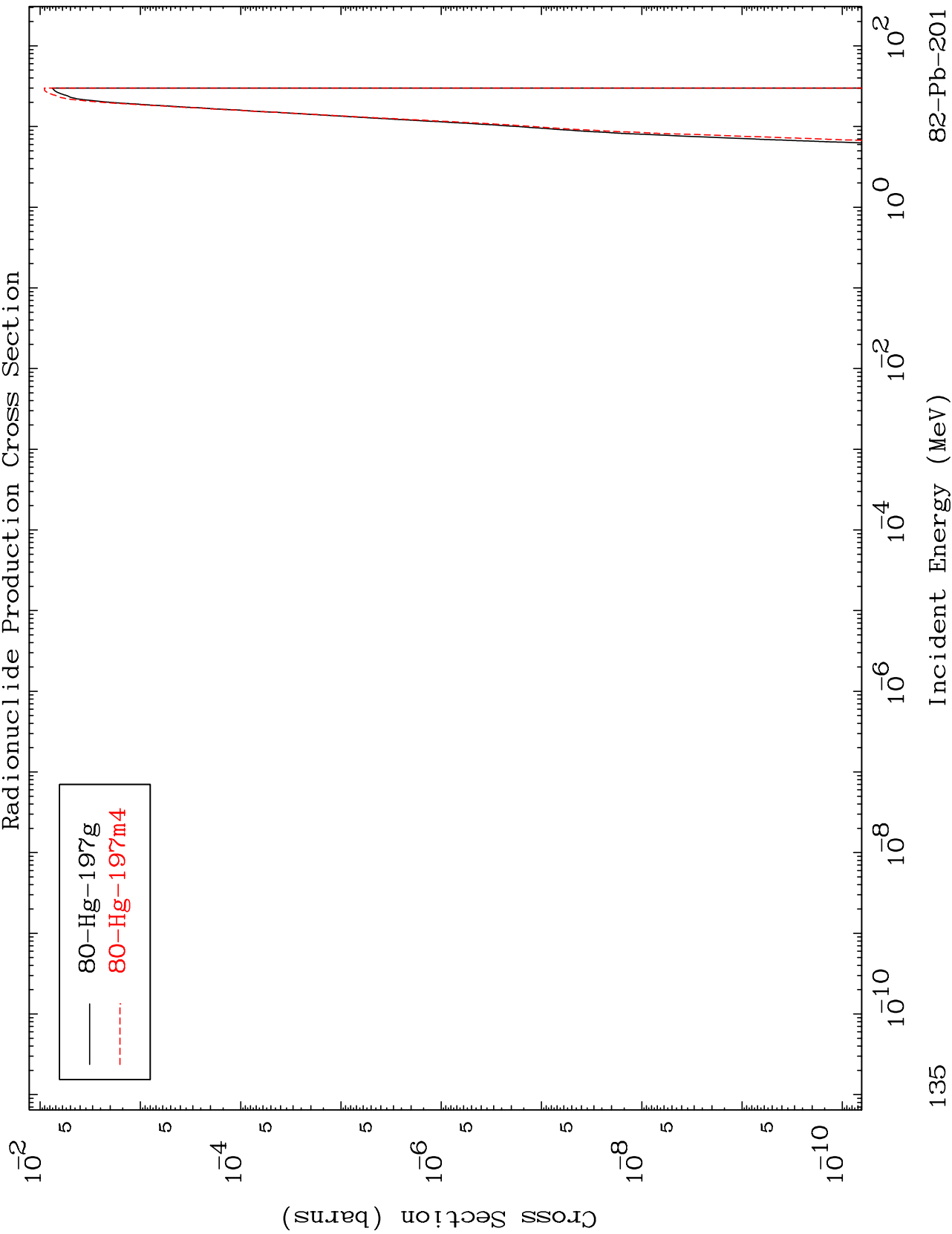
82-Pb-201

MAT 8216

$(n, n') \alpha$

82-Pb-201

Radionuclide Production Cross Section



135

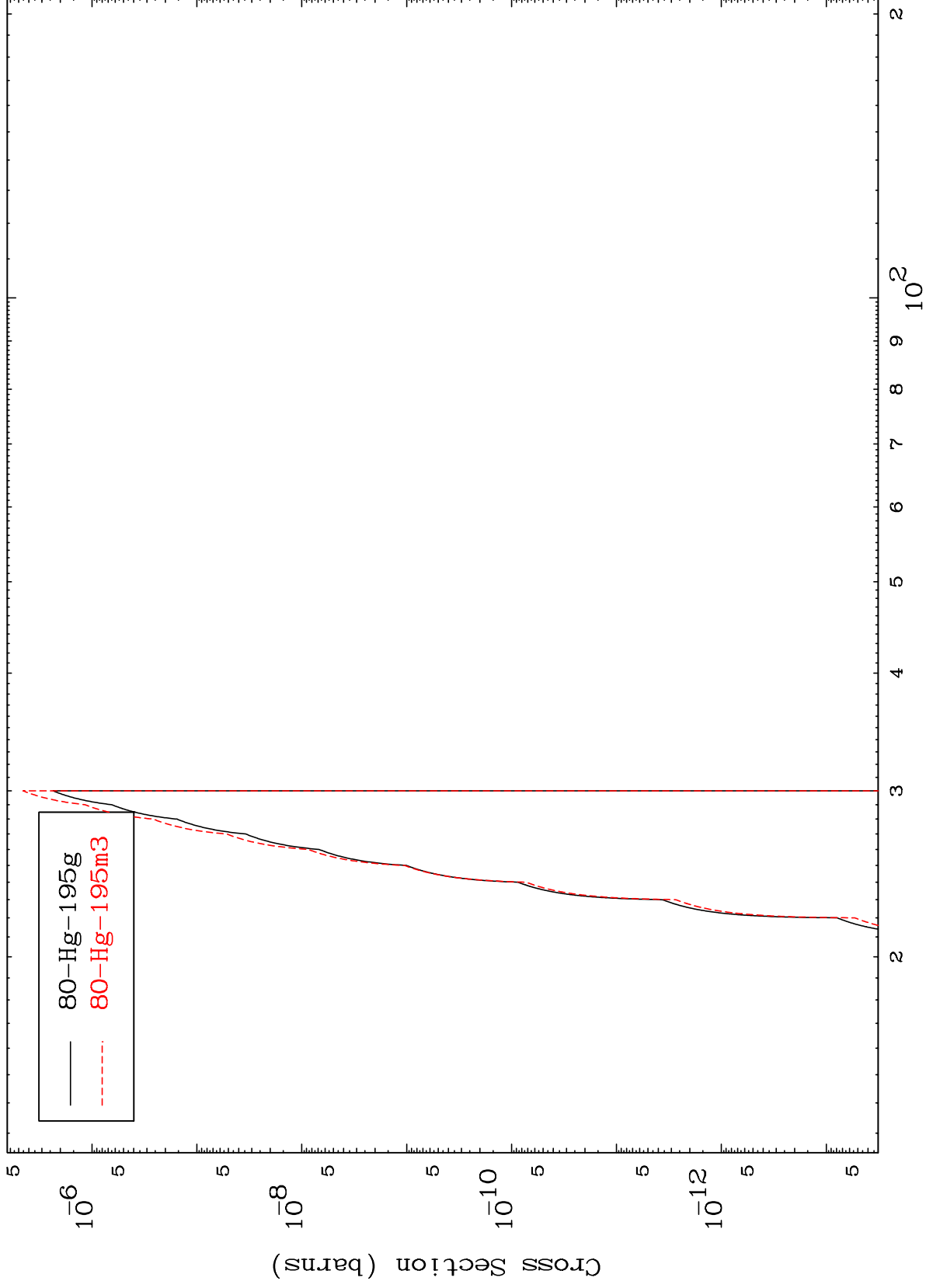


MAT 8216

(n,3n)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



136

Incident Energy (MeV)

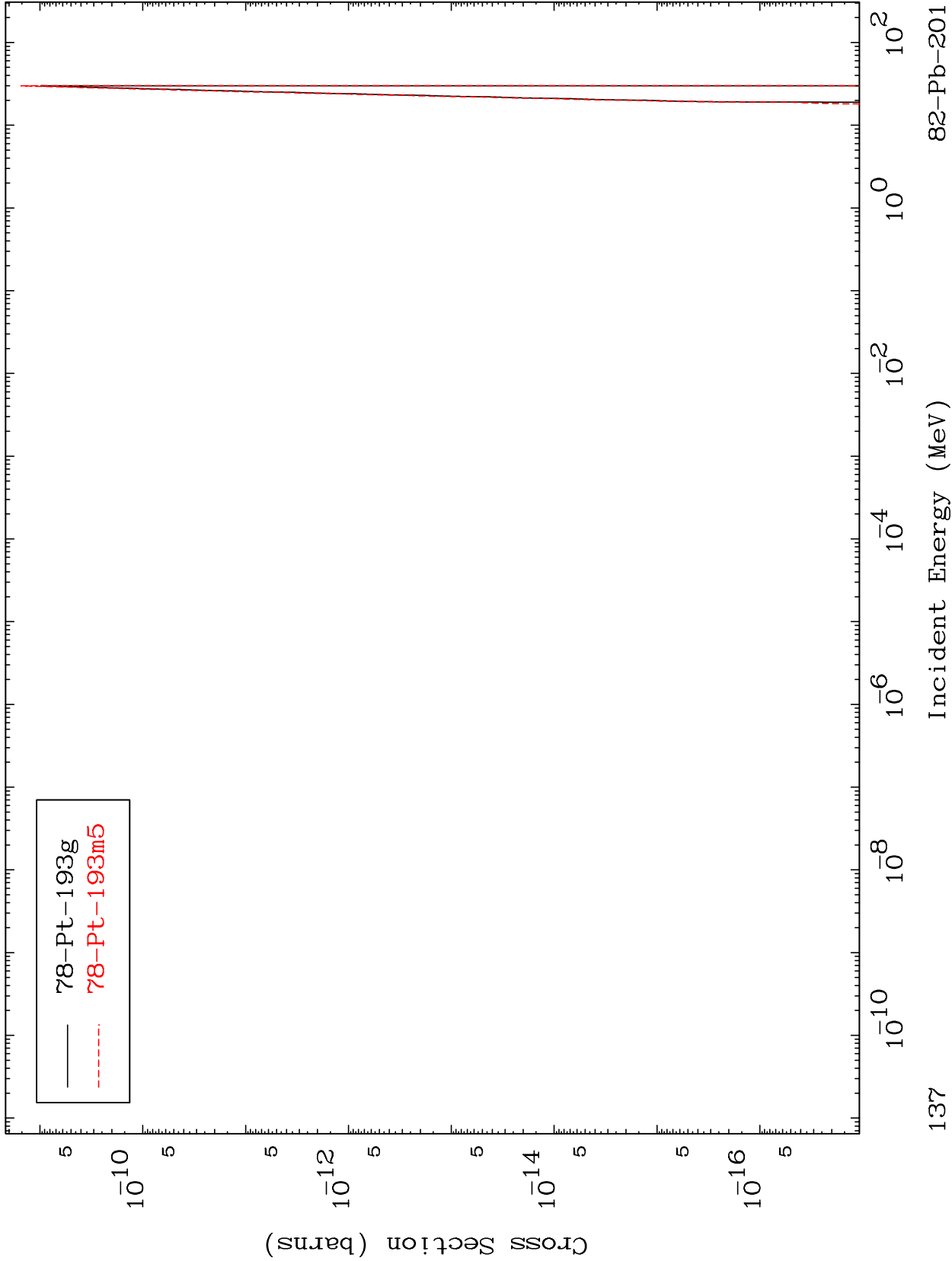
82-Pb-201

MAT 8216

(n,n') 2 $\alpha$

82-Pb-201

Radionuclide Production Cross Section

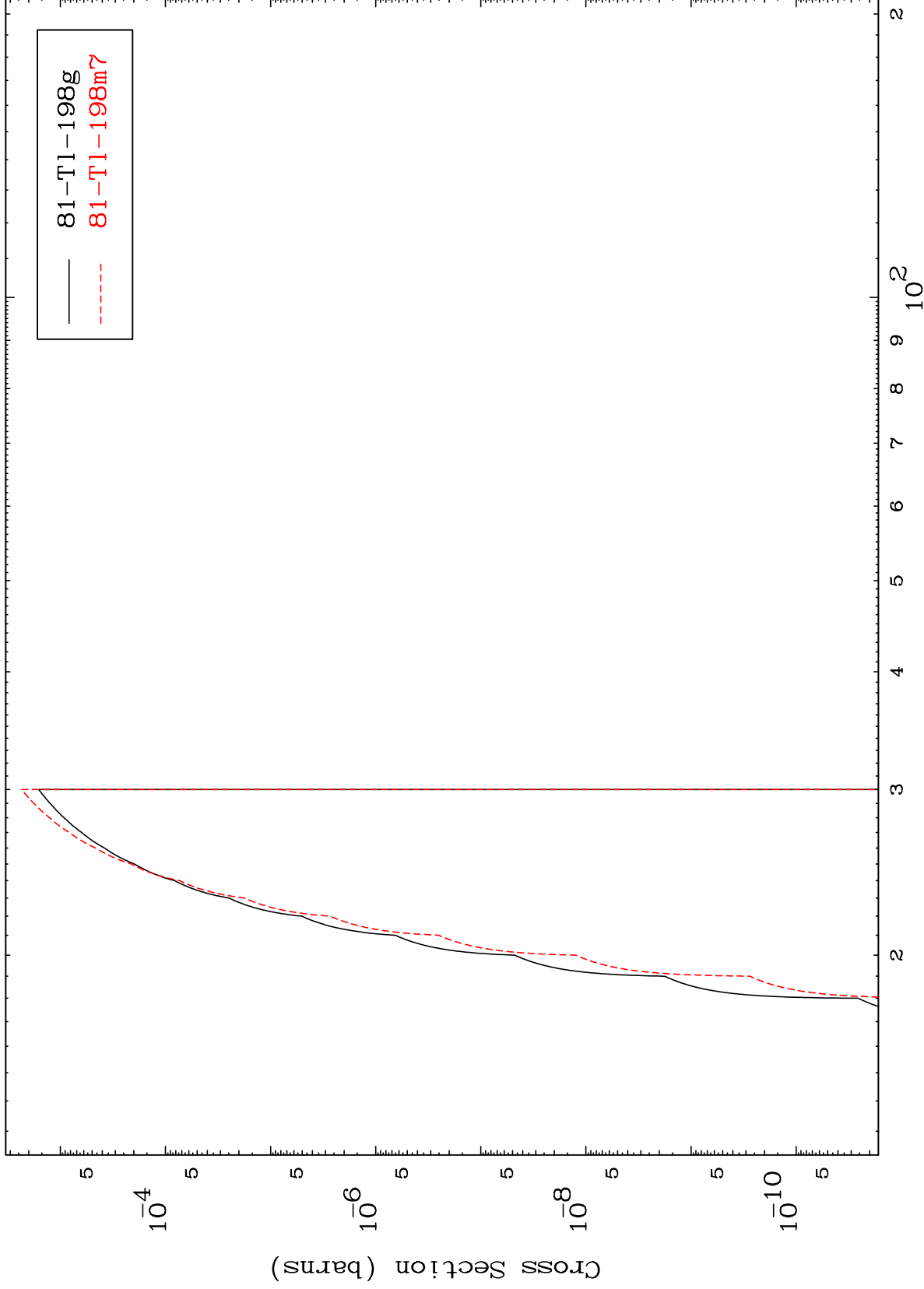


137

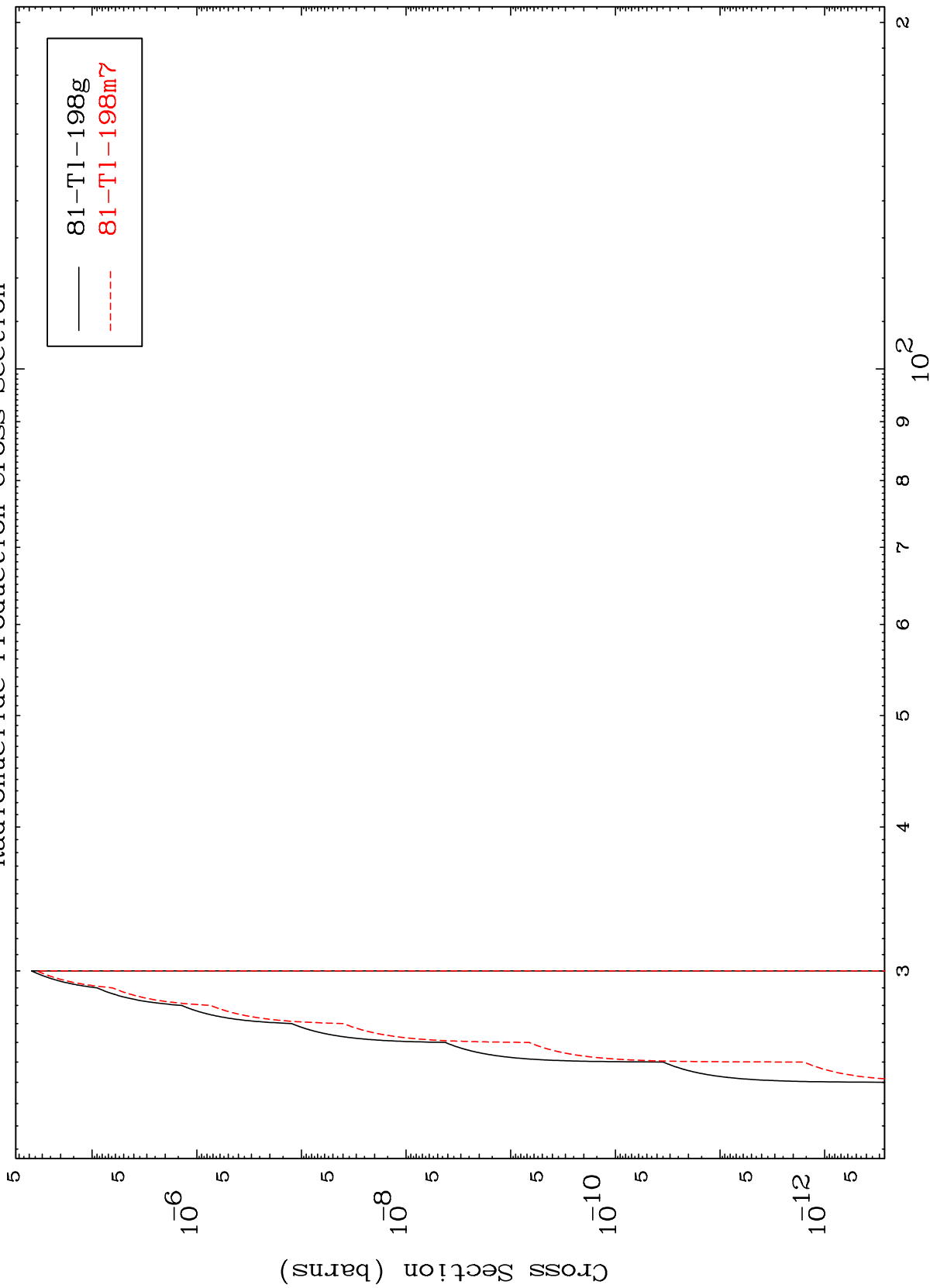
Incident Energy (MeV)

82-Pb-201

Radionuclide Production Cross Section



Radionuclide Production Cross Section

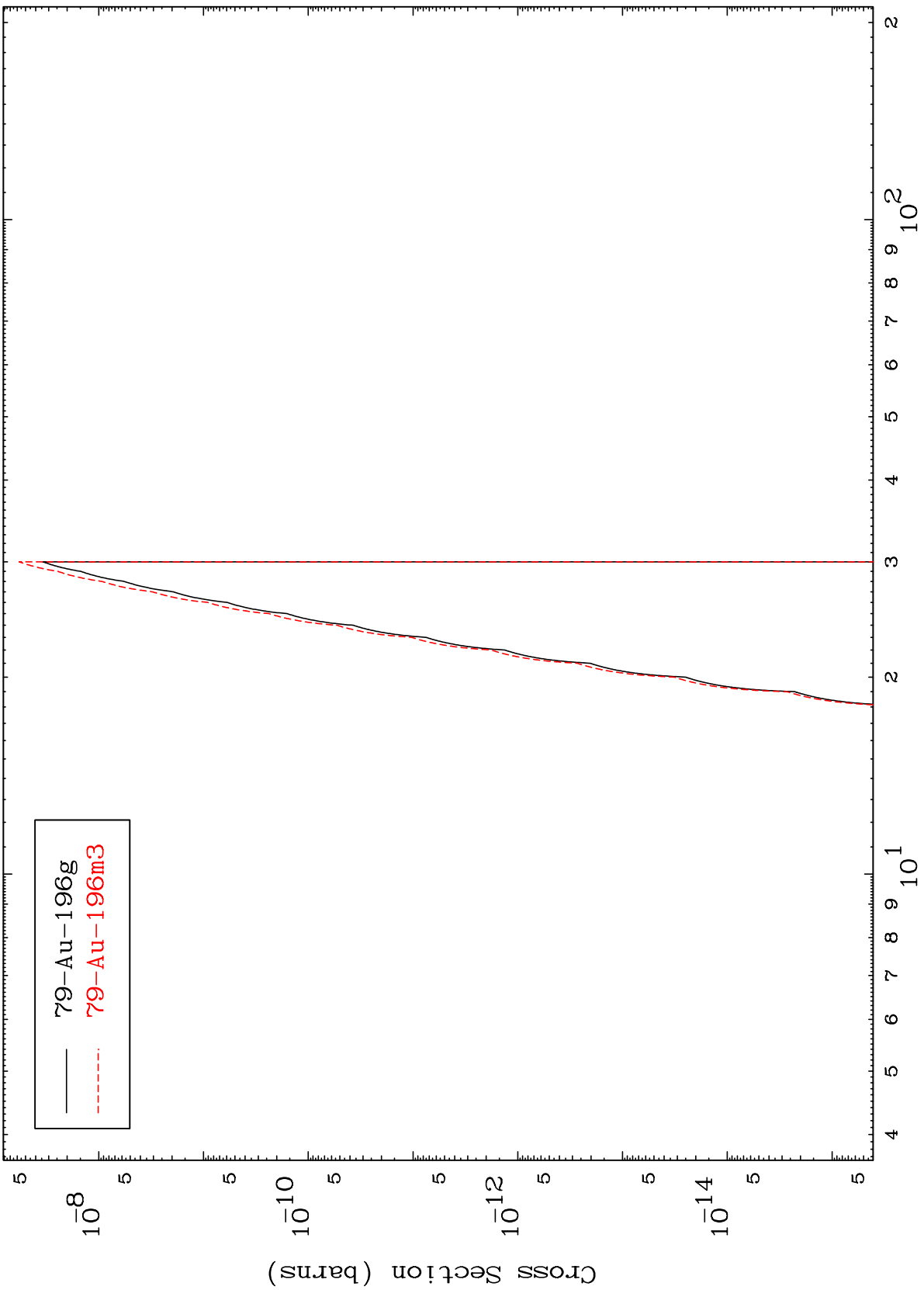


MAT 8216

(n,n') p  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



—  $^{79}\text{Au-196g}$   
- - -  $^{79}\text{Au-196m3}$

140

Incident Energy (MeV)

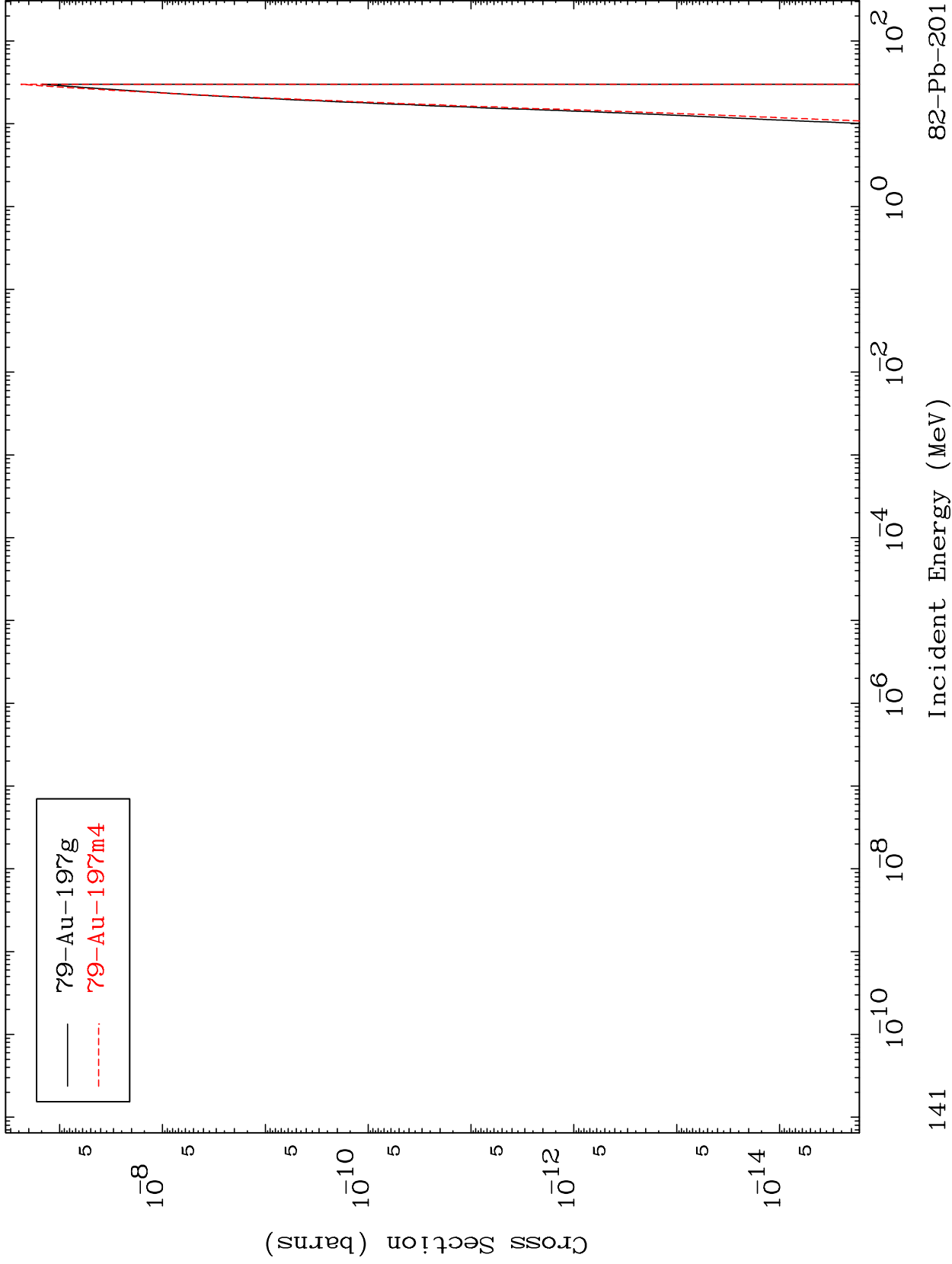
82-Pb-201

MAT 8216

(n,p)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section

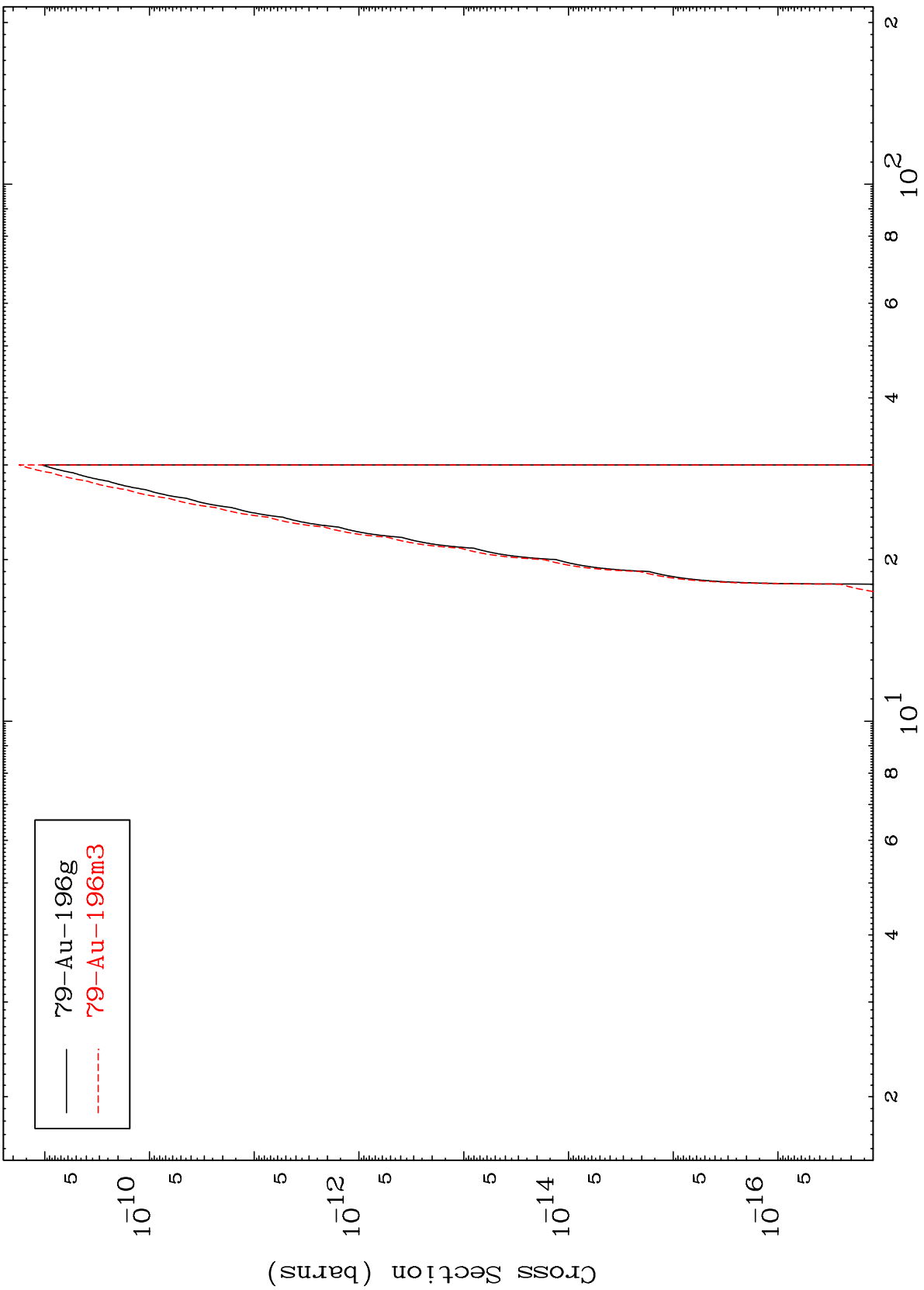


MAT 8216

(n,d)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



142

Incident Energy (MeV)

82-Pb-201