

Program EVALPLOT  
(Version 2021-1)

by

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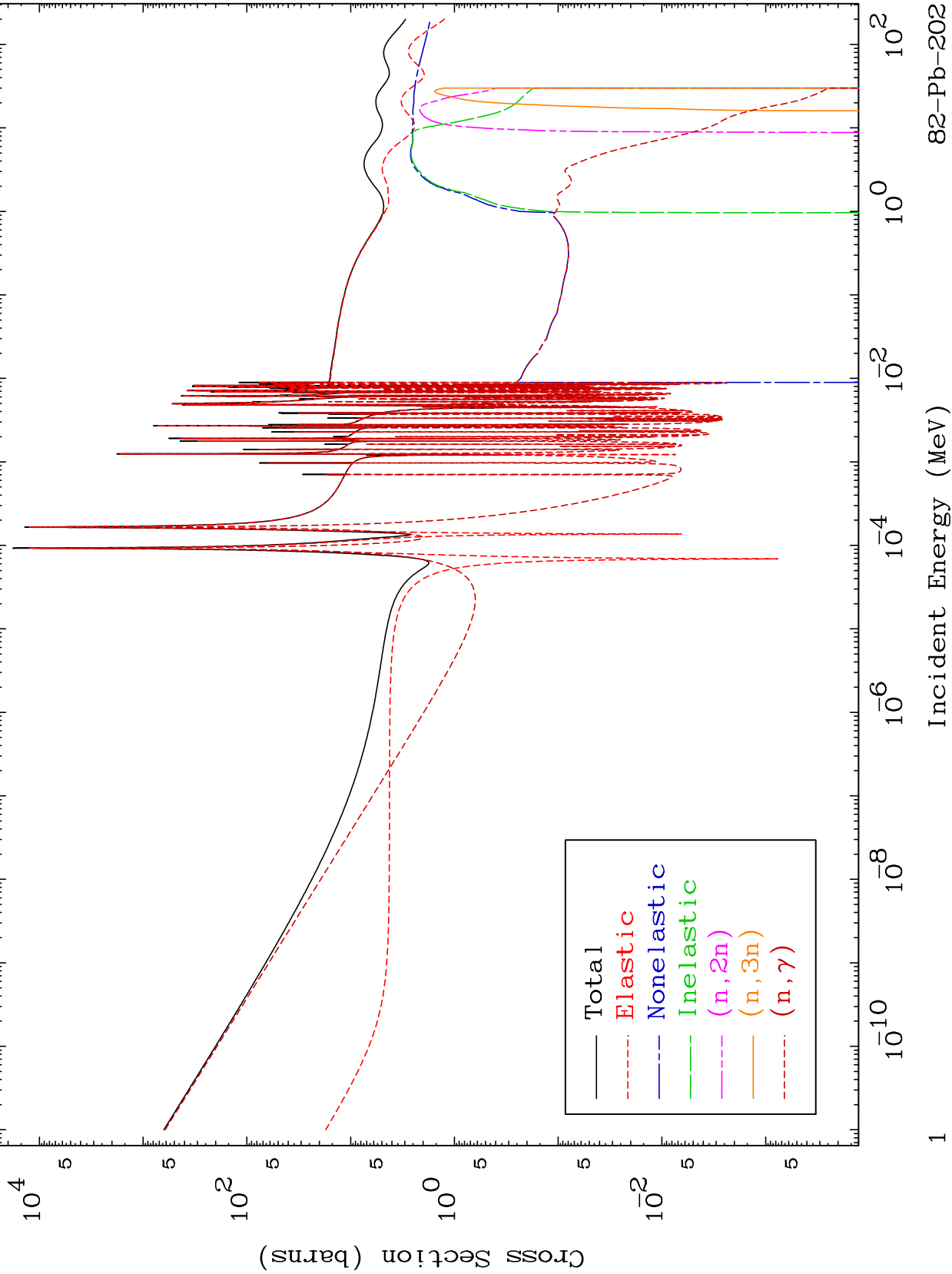
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8219

Neutron Major  
293 Kelvin Cross Sections

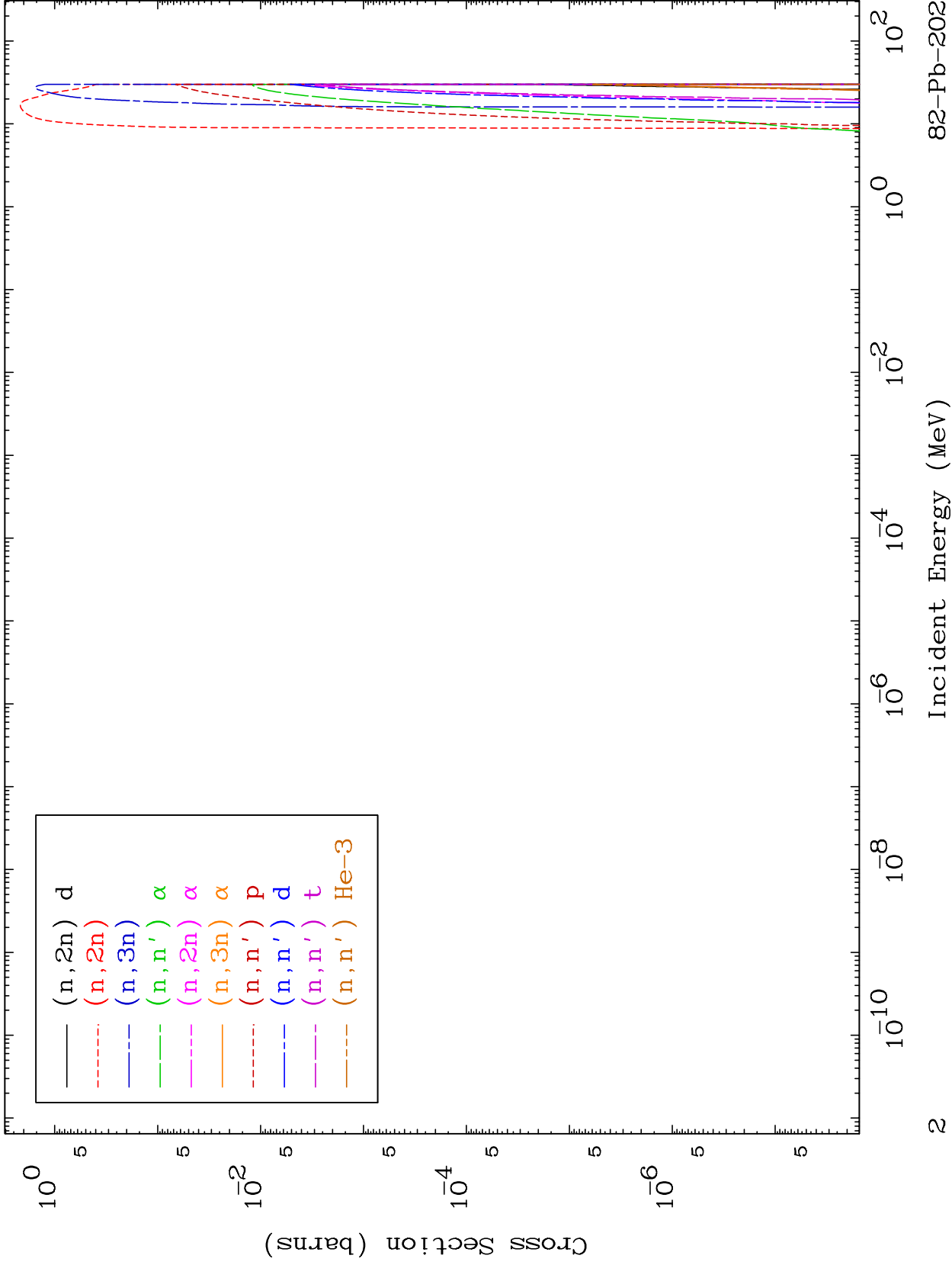
82-Pb-202



MAT 8219

Neutron Absorption  
293 Kelvin Cross Sections

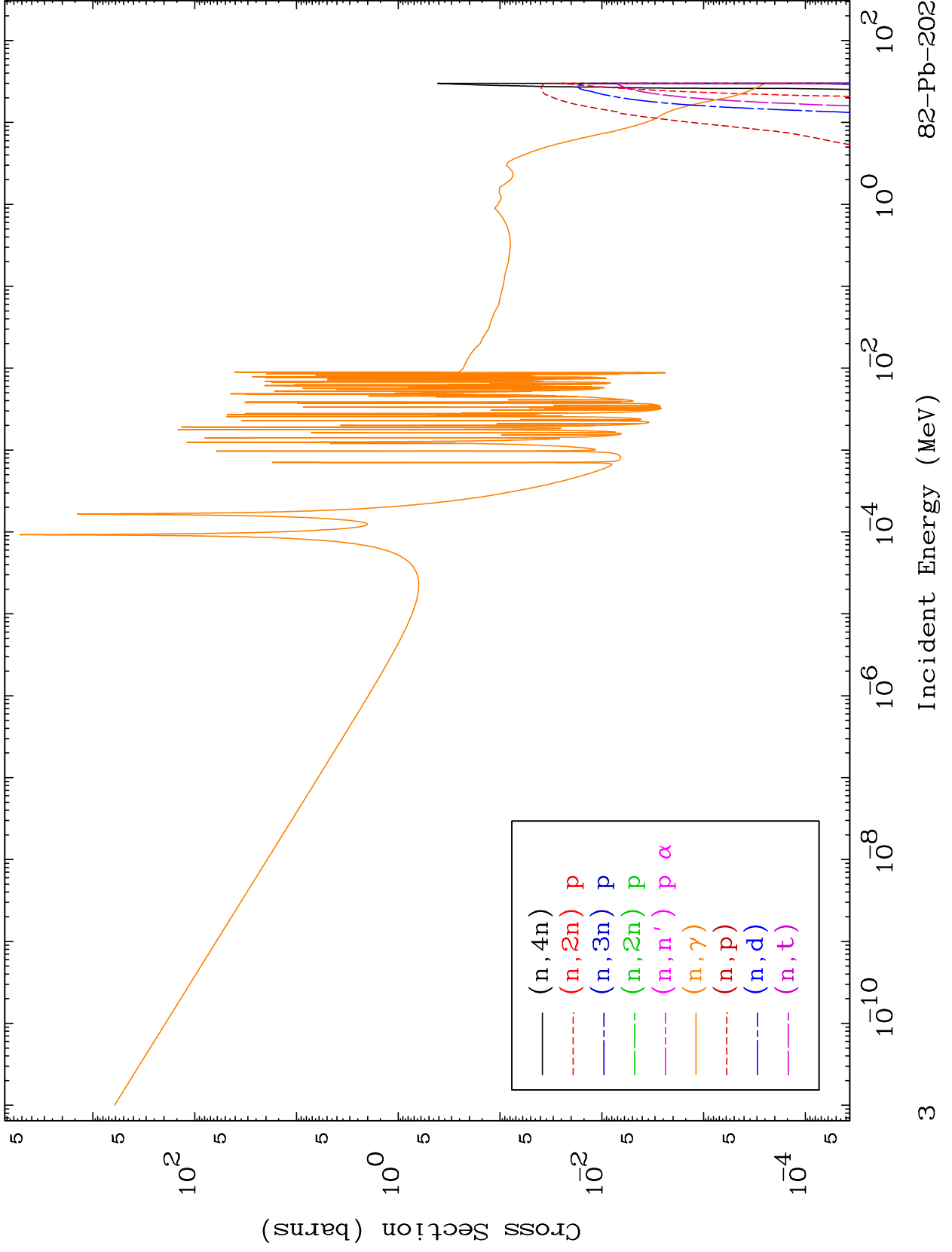
82-Pb-202



MAT 8219

Neutron Absorption  
293 Kelvin Cross Sections

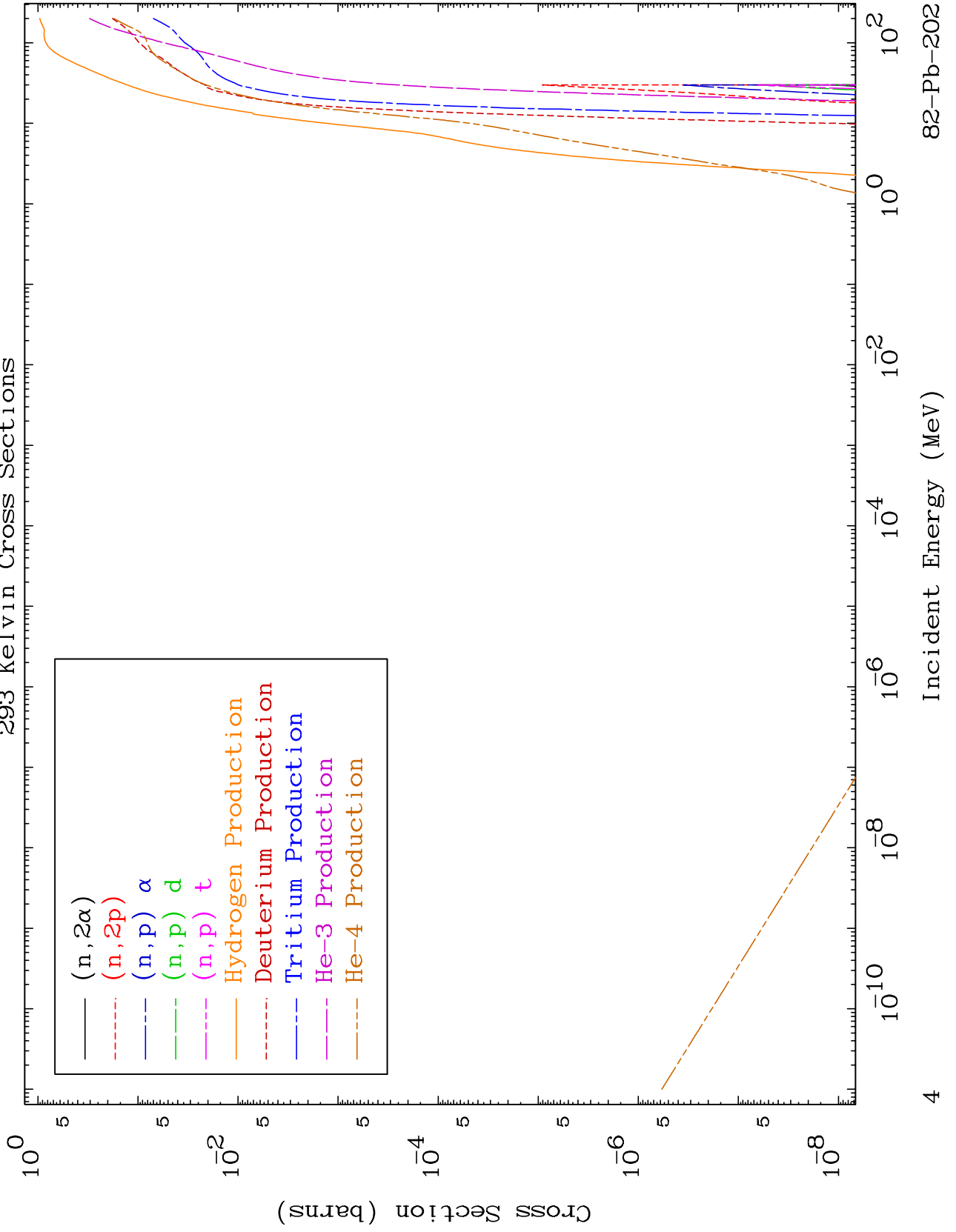
82-Pb-202



MAT 8219

Neutron Absorption  
293 Kelvin Cross Sections

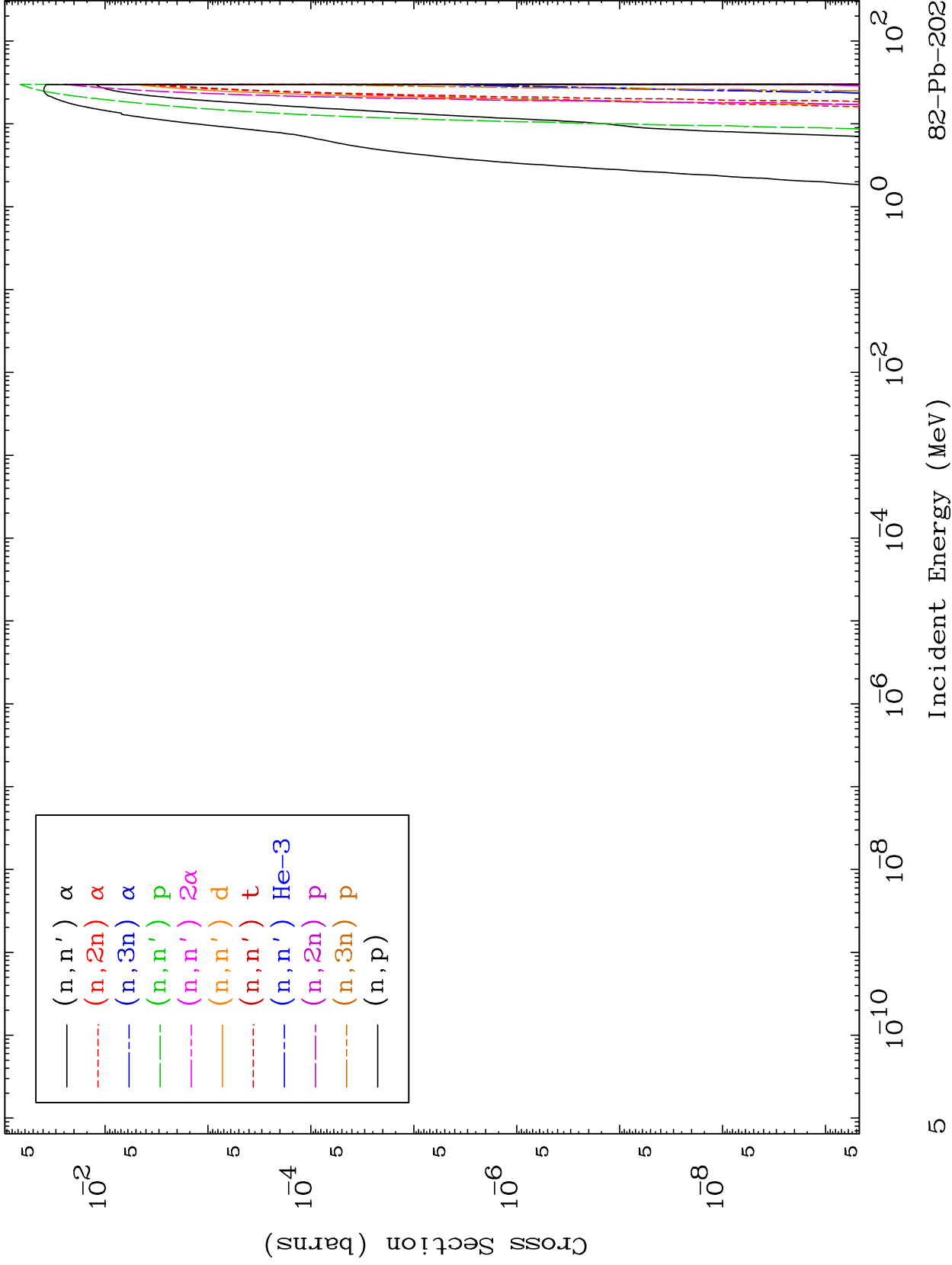
82-Pb-202



MAT 8219

Charged Particle  
293 Kelvin Cross Sections

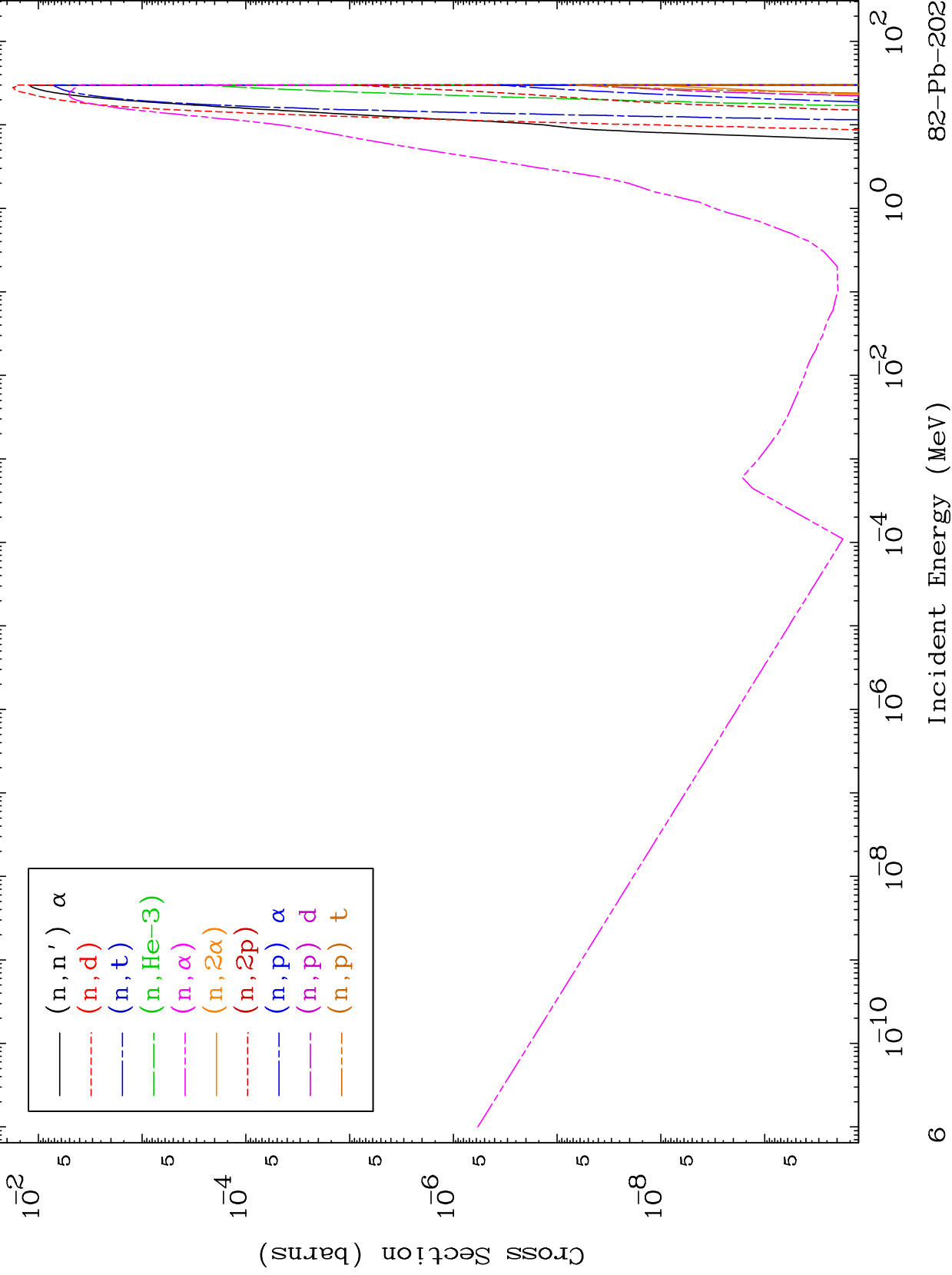
82-Pb-202



MAT 8219

Charged Particle  
293 Kelvin Cross Sections

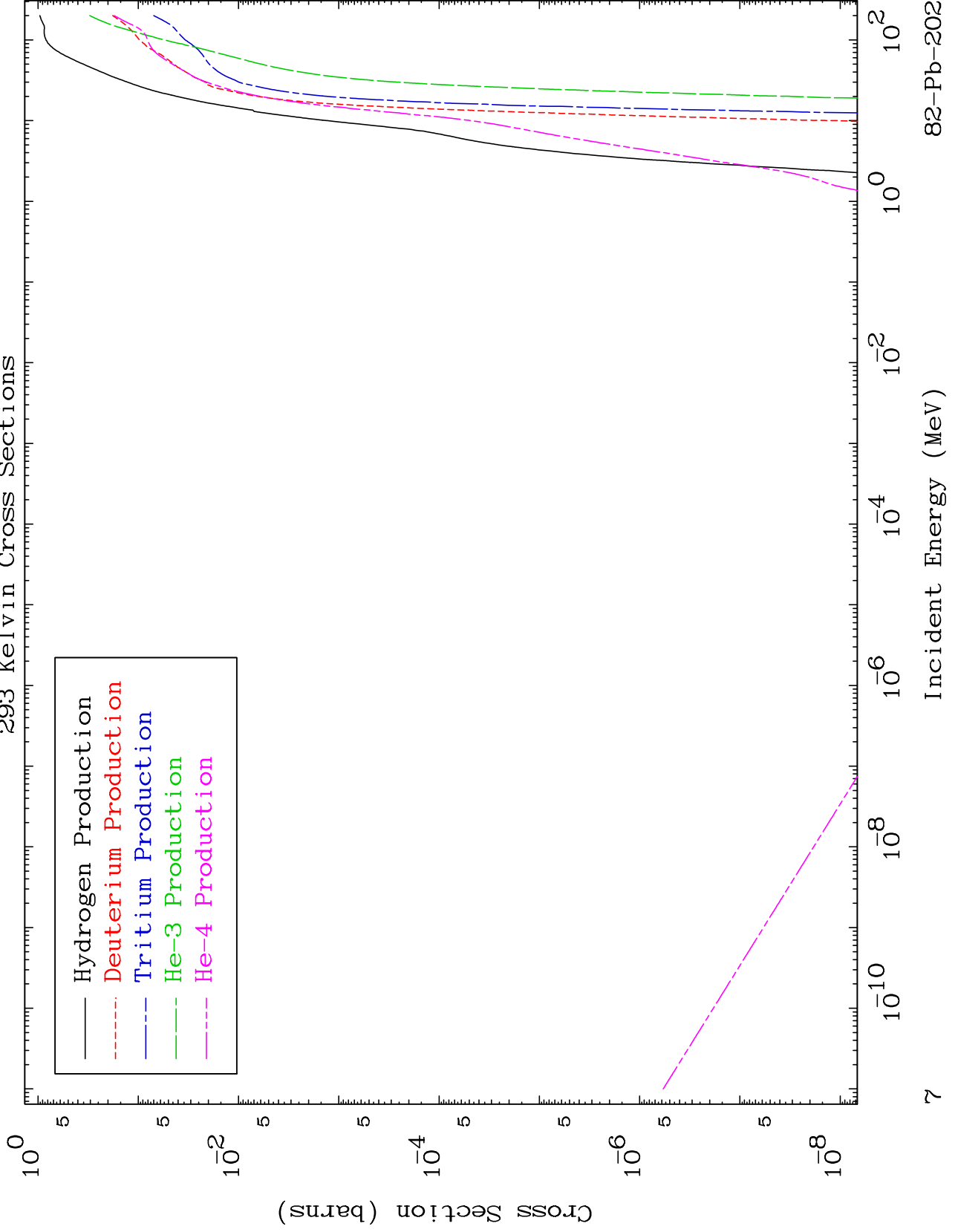
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MAT 8219

Particle Production  
293 Kelvin Cross Sections

82-Pb-202

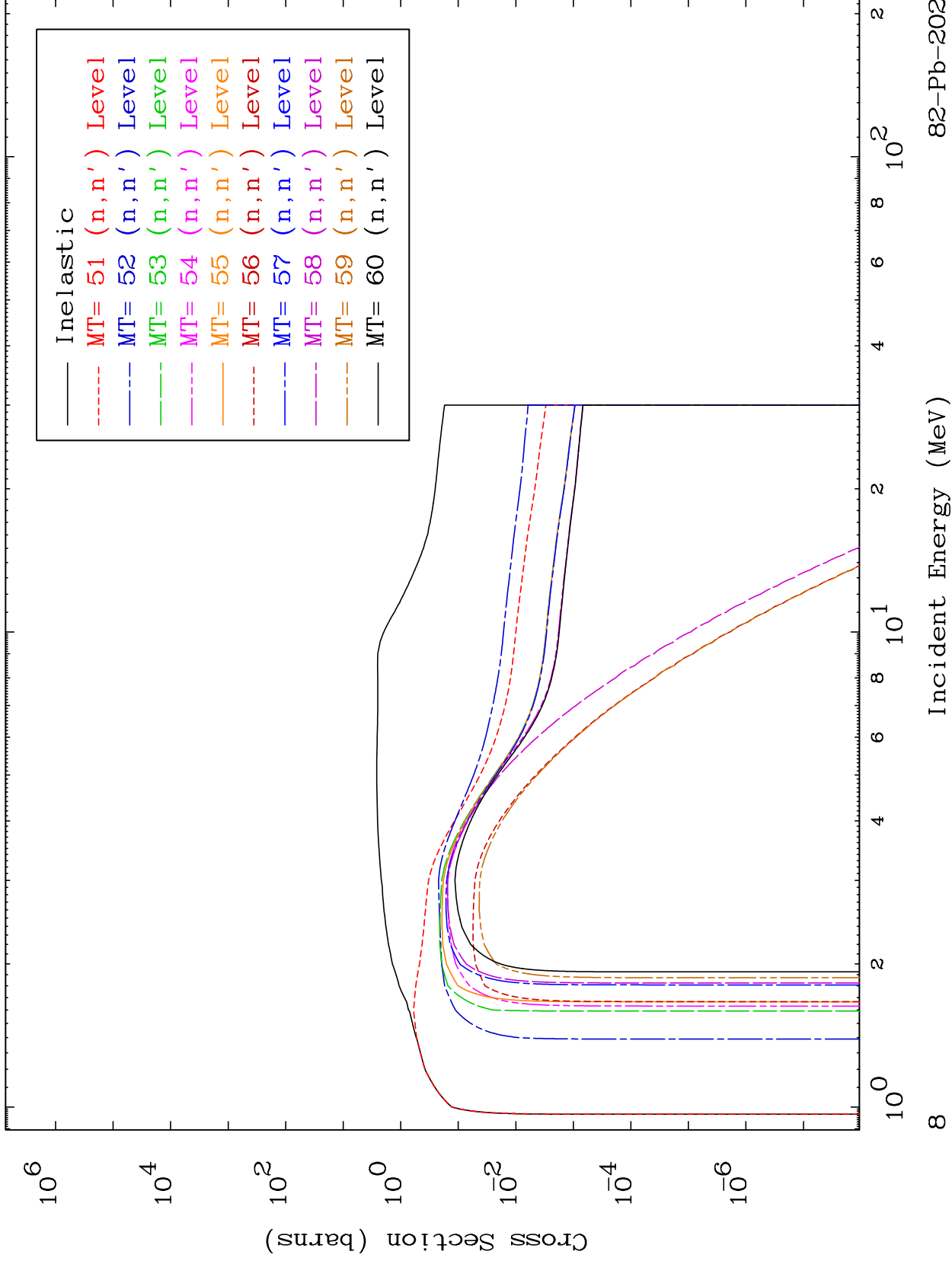


MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



Incident Energy (MeV)

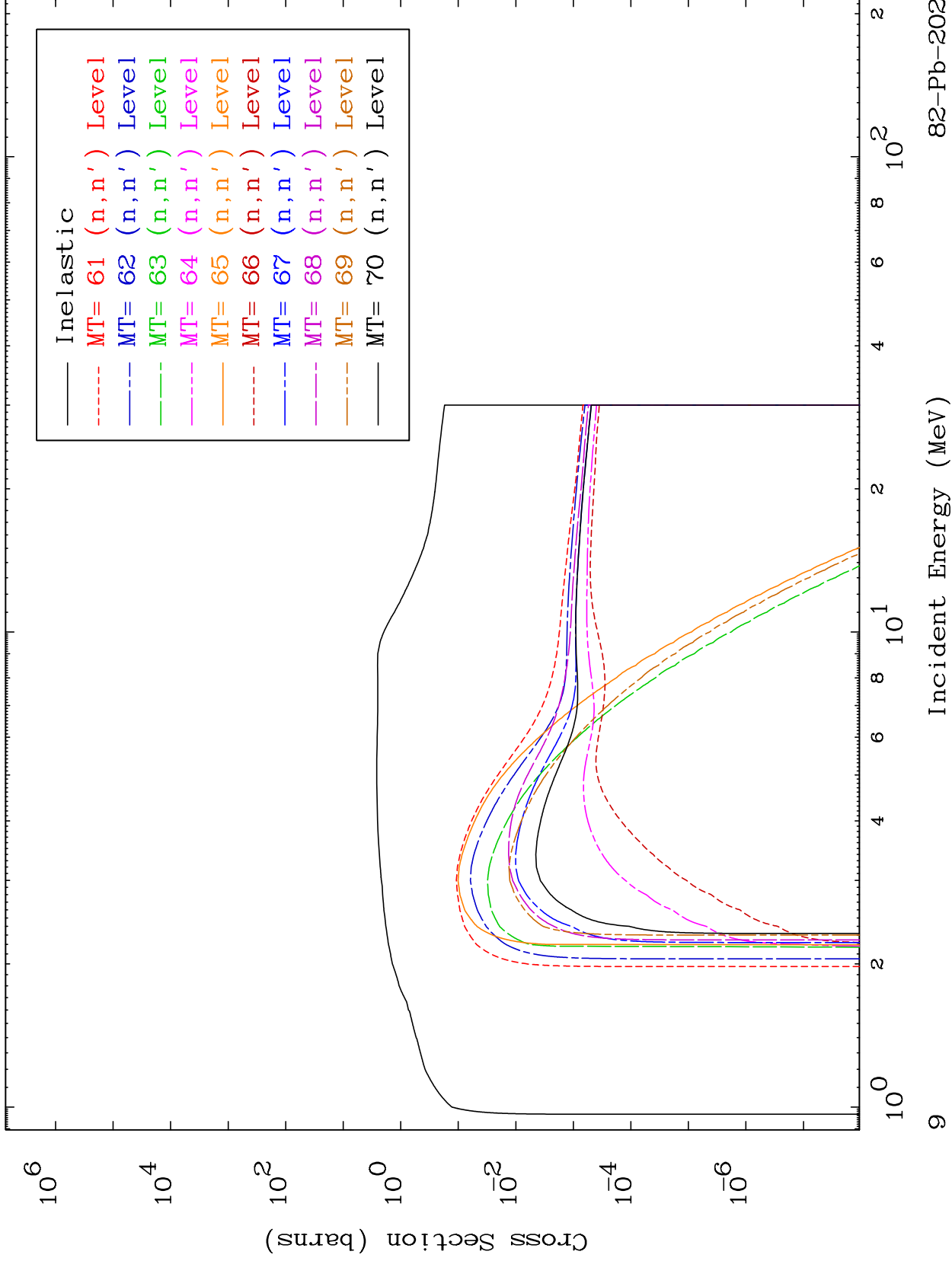
82-Pb-202

MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



Incident Energy (MeV)

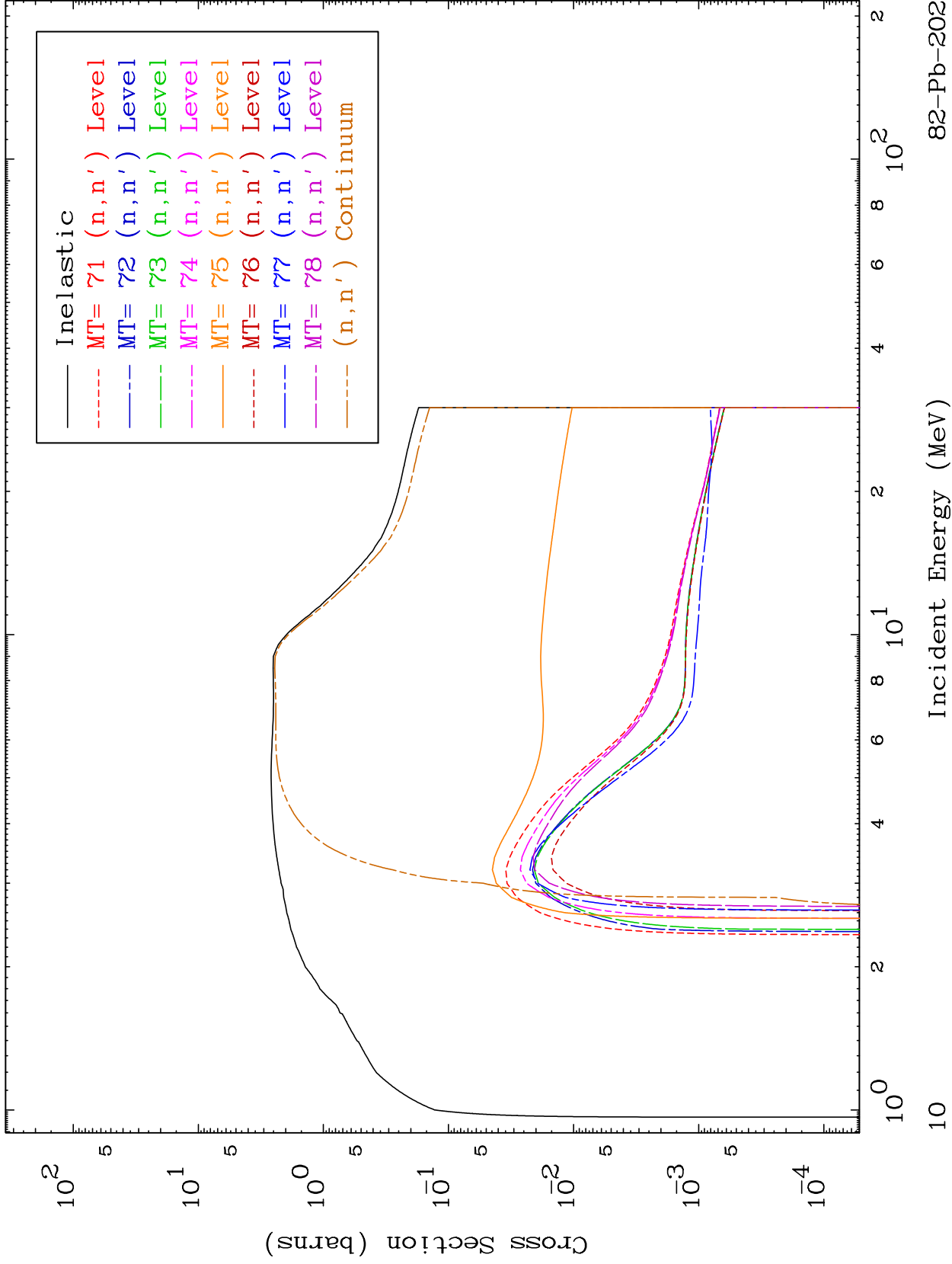
82-Pb-202

MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



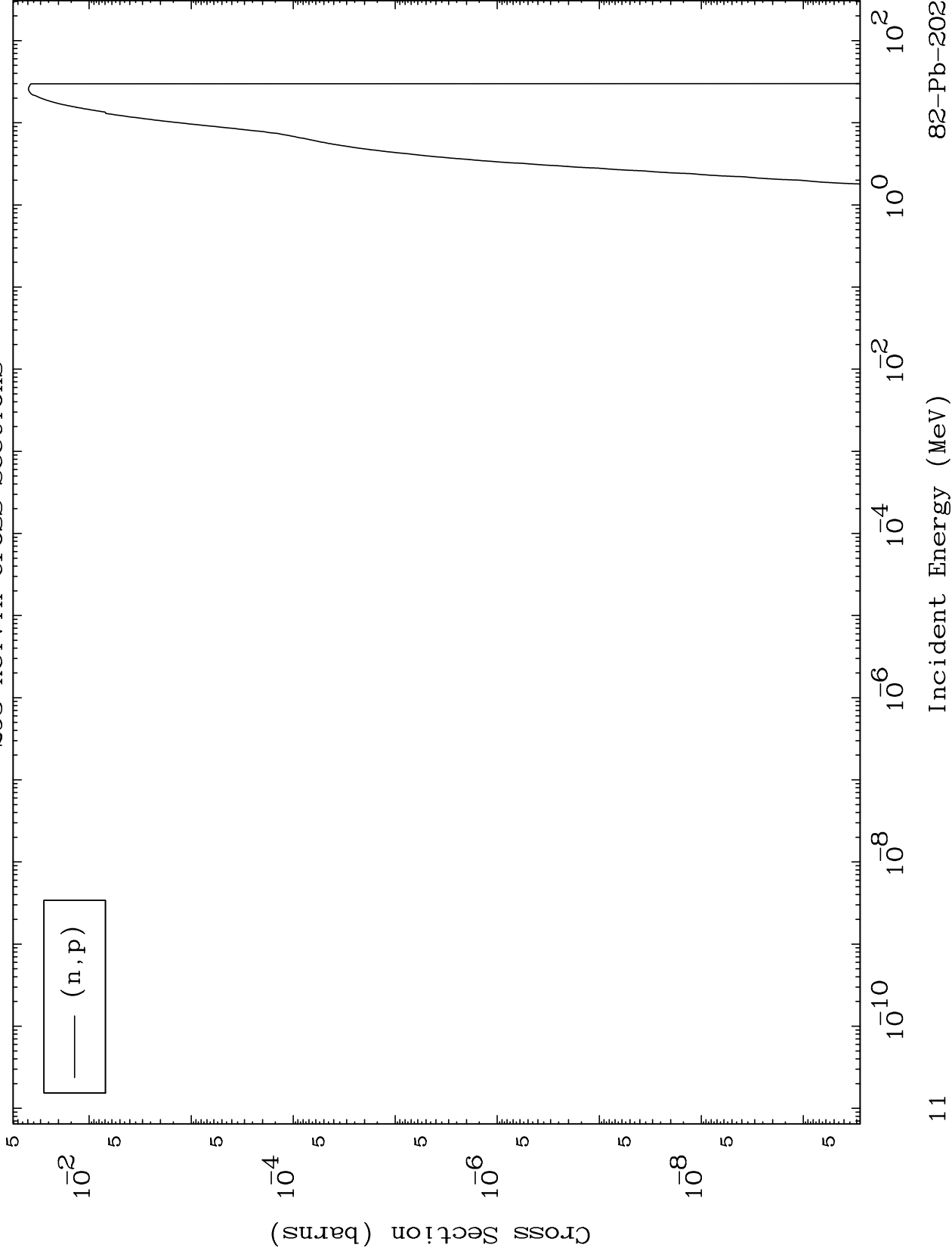
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,p) Levels  
293 Kelvin Cross Sections

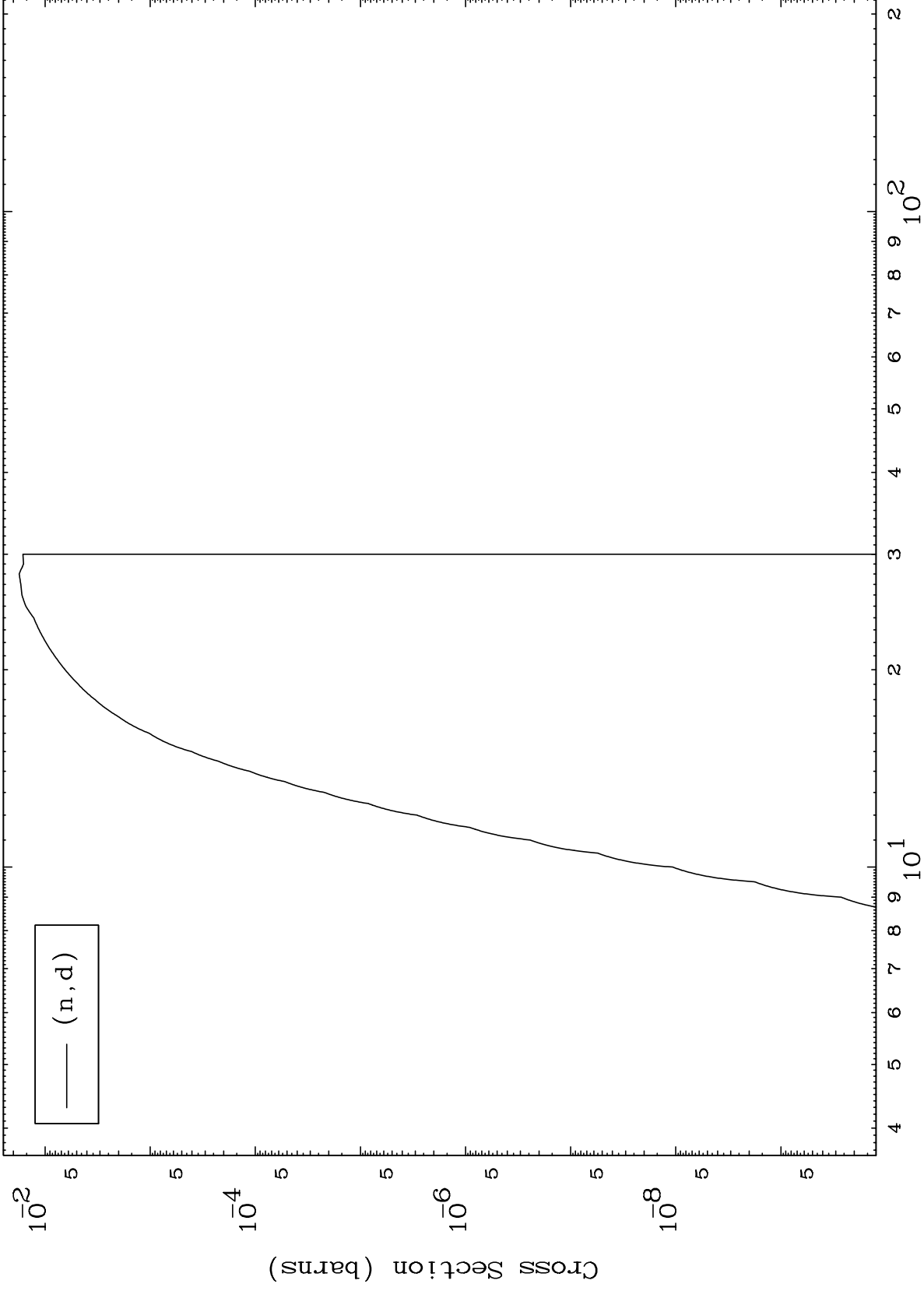
82-Pb-202



MAT 8219

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-202



(n,d)

12

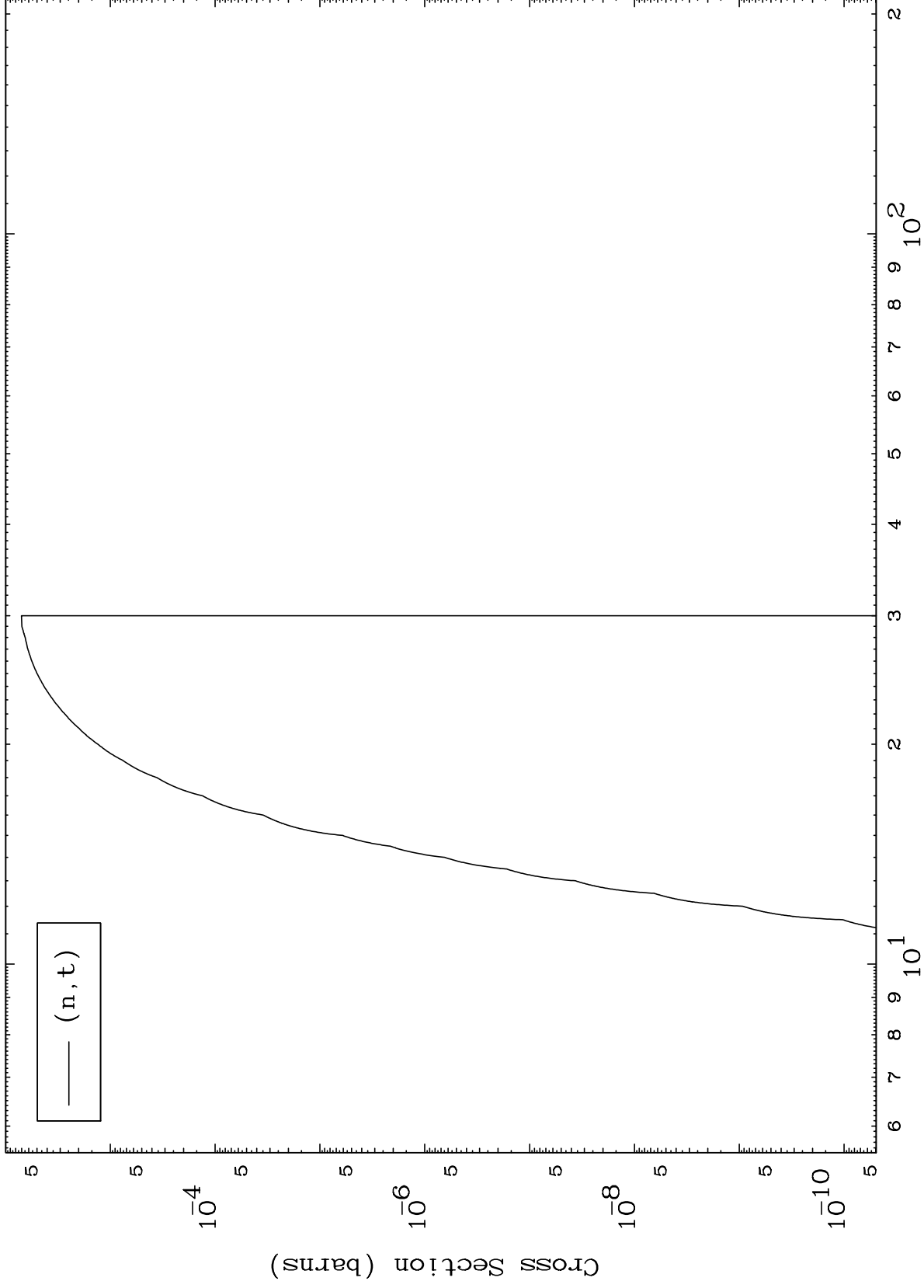
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-202



13

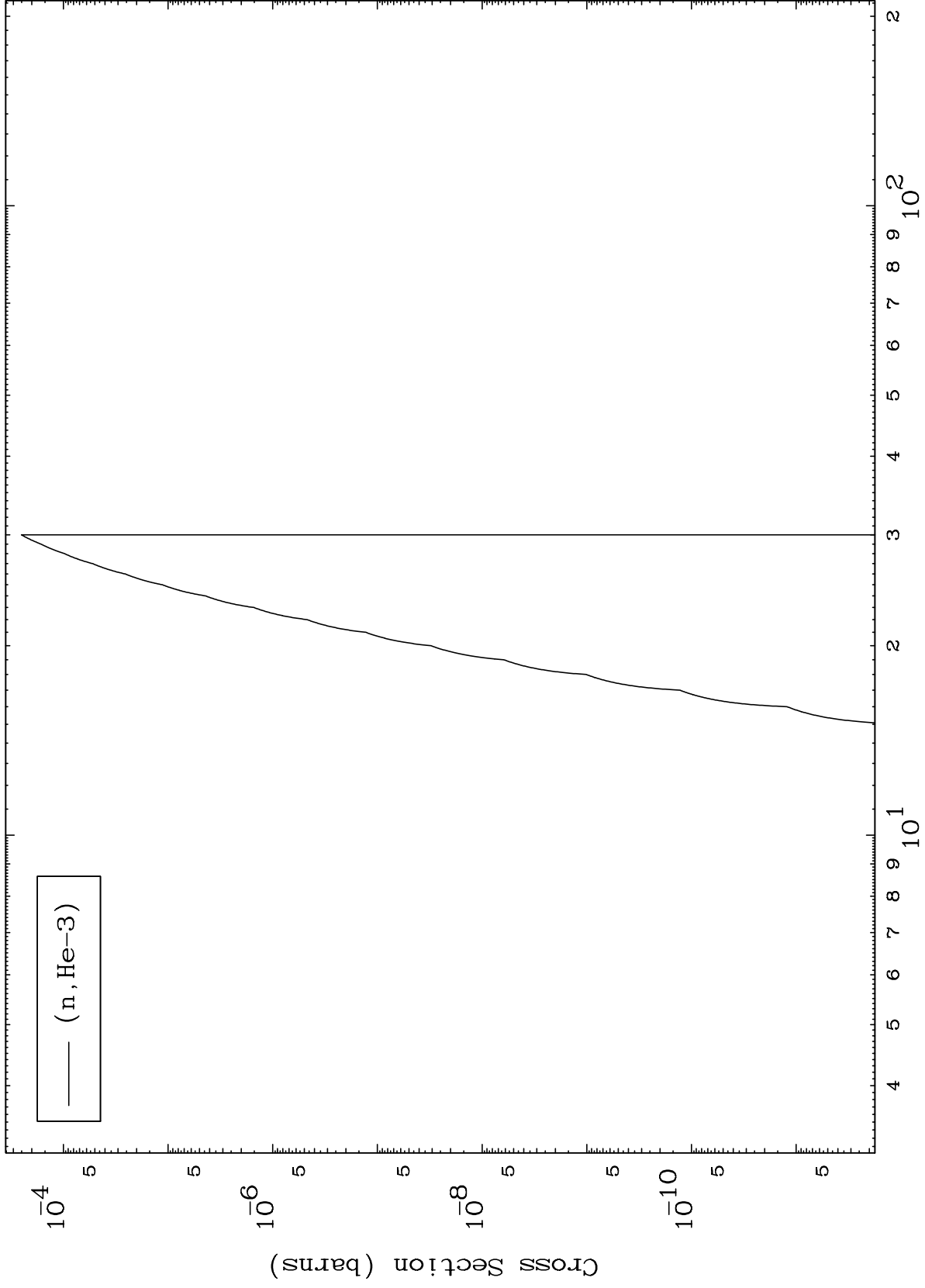
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-202



14

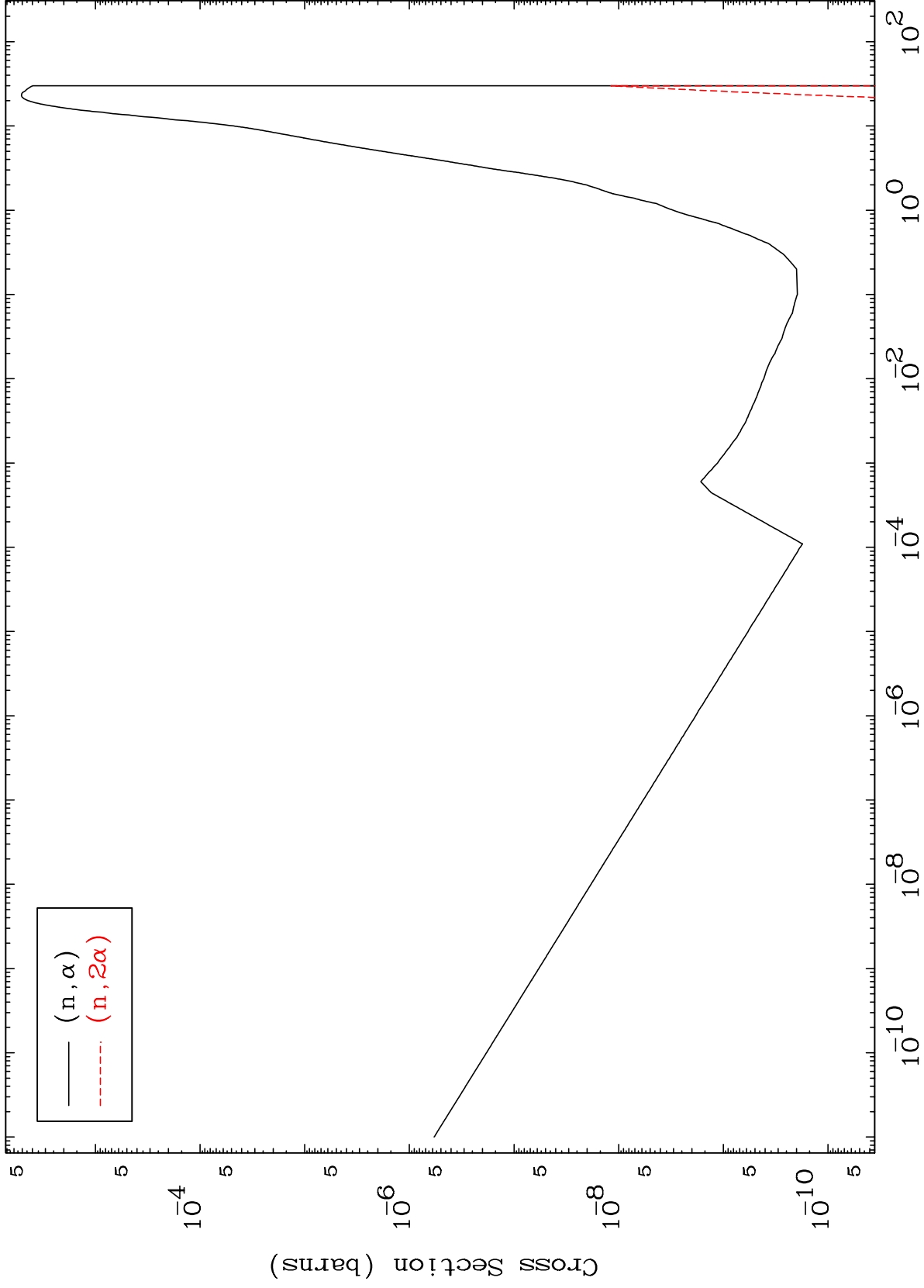
Incident Energy (MeV)

82-Pb-202

MAT 8219

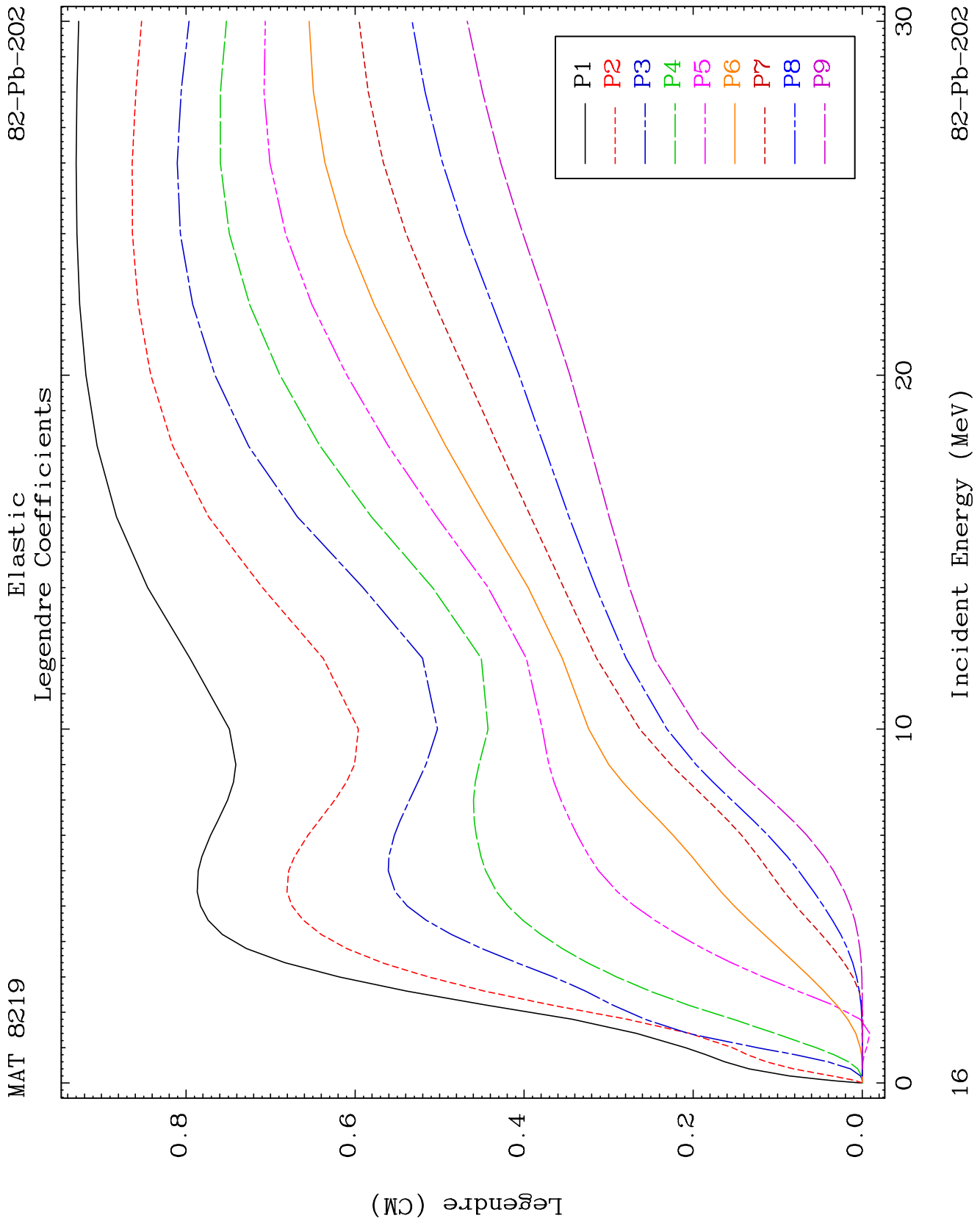
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

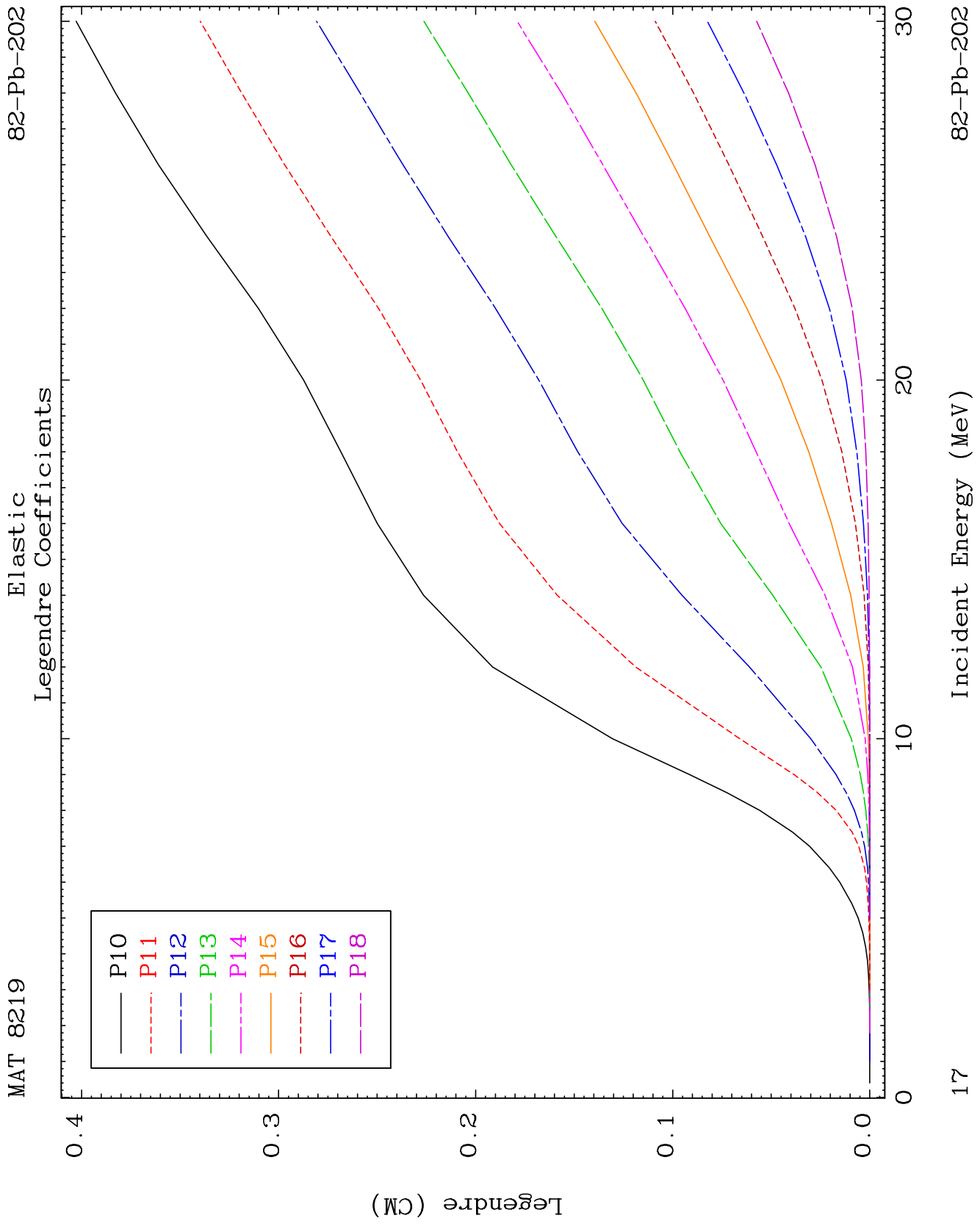
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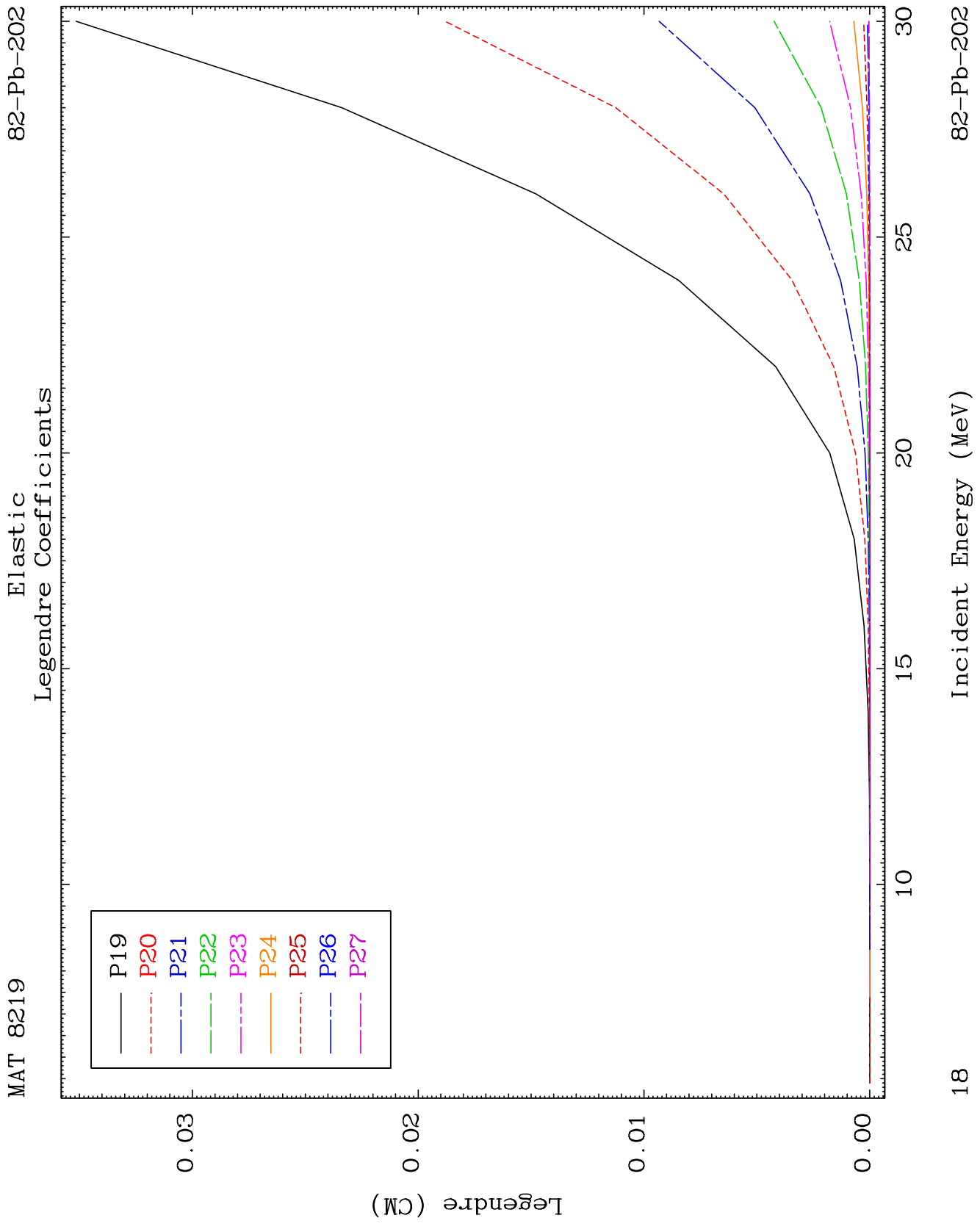


15

82-Pb-202



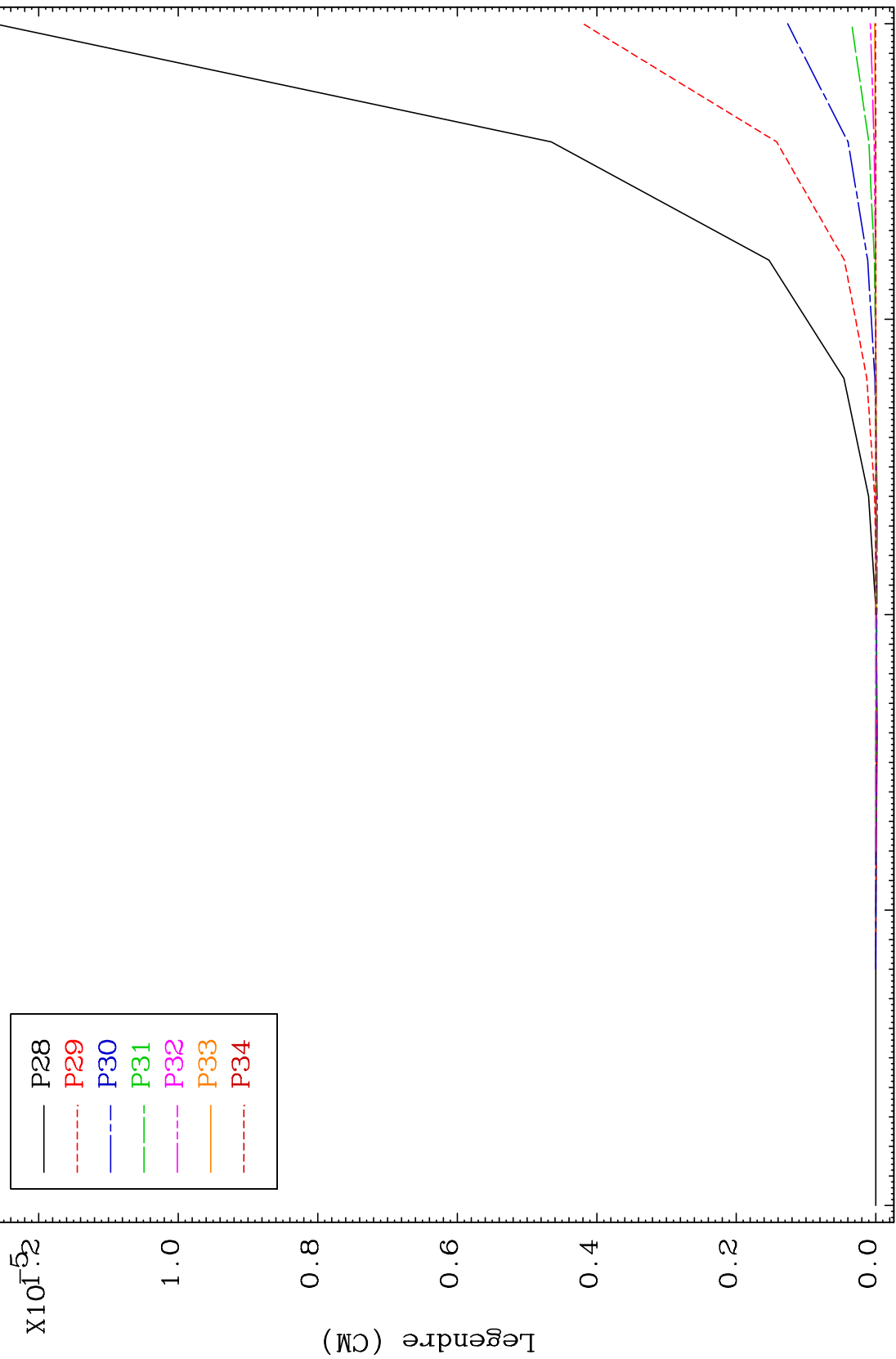
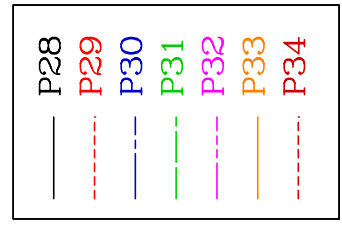




MAT 8219

Elastic Legendre Coefficients

82-Pb-202



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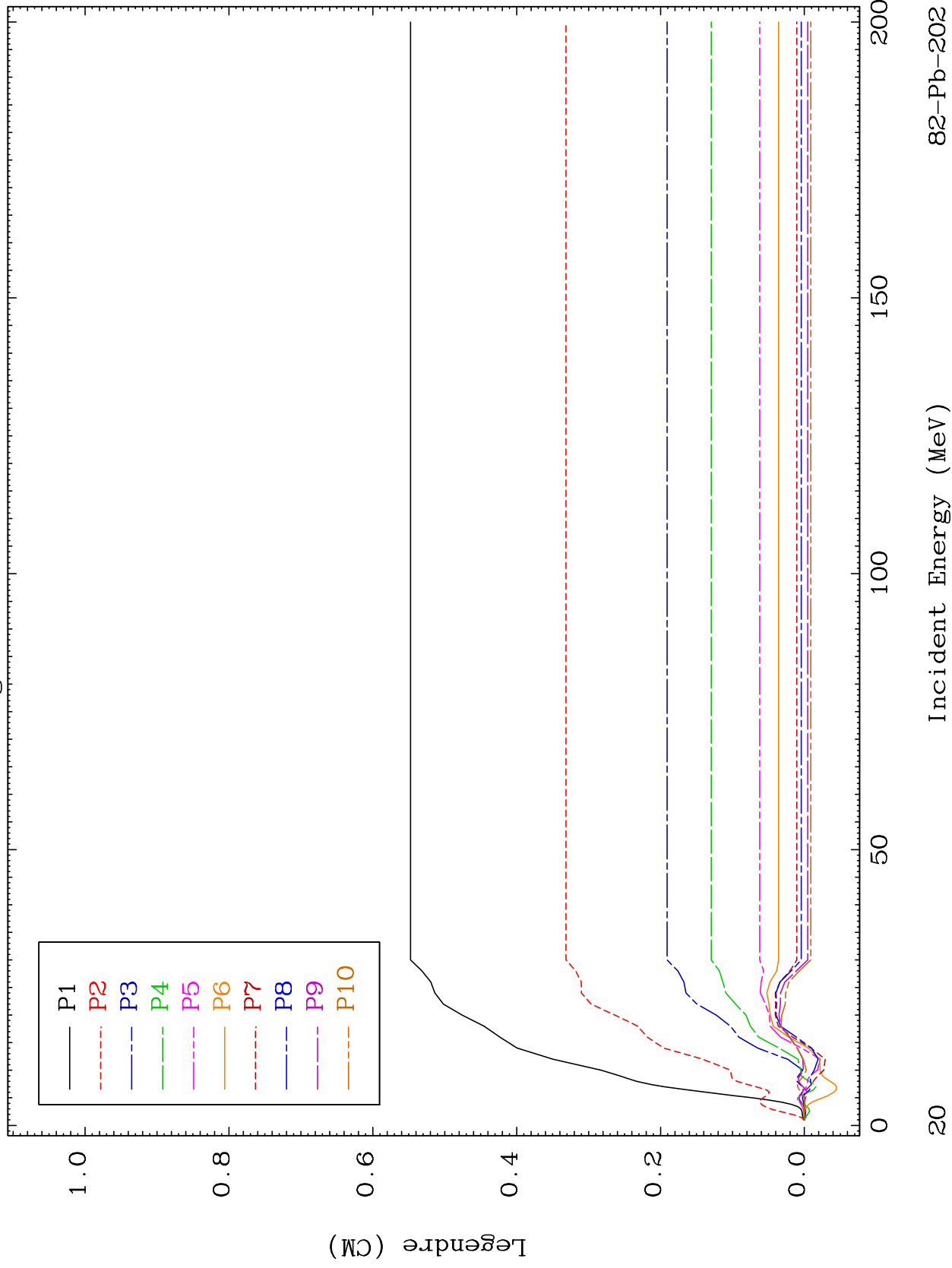
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

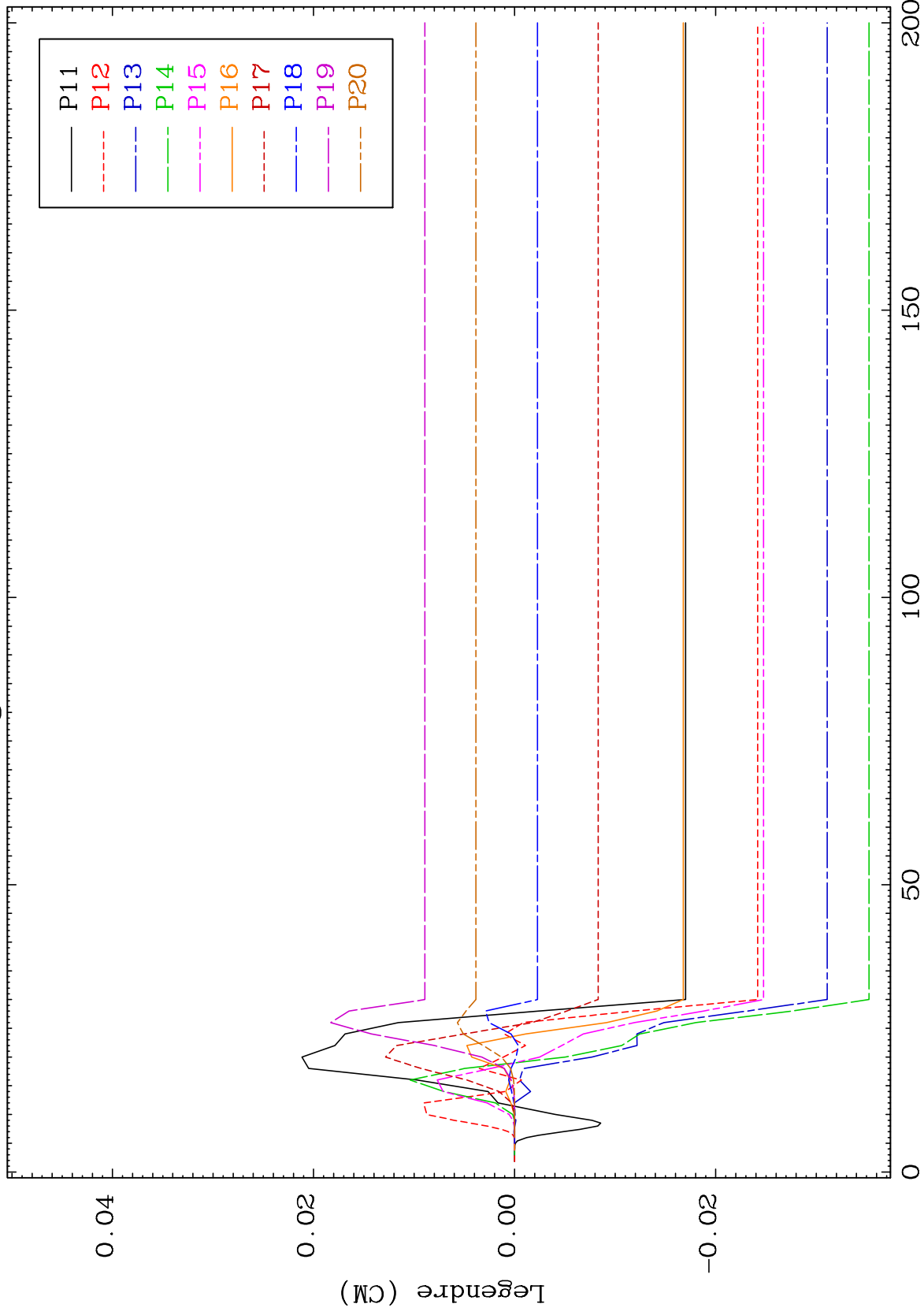
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MAT 8219

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

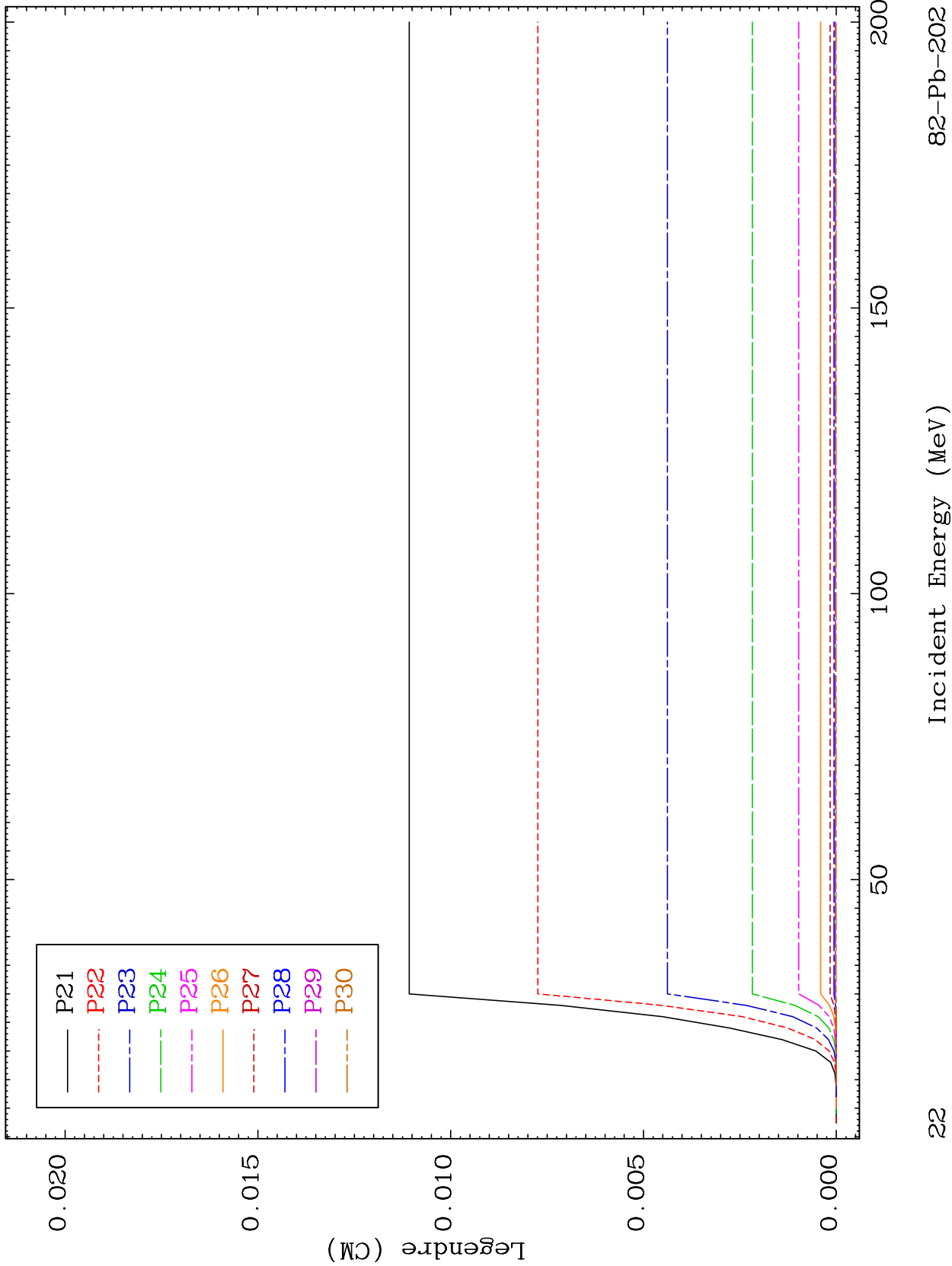
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21

Incident Energy (MeV)

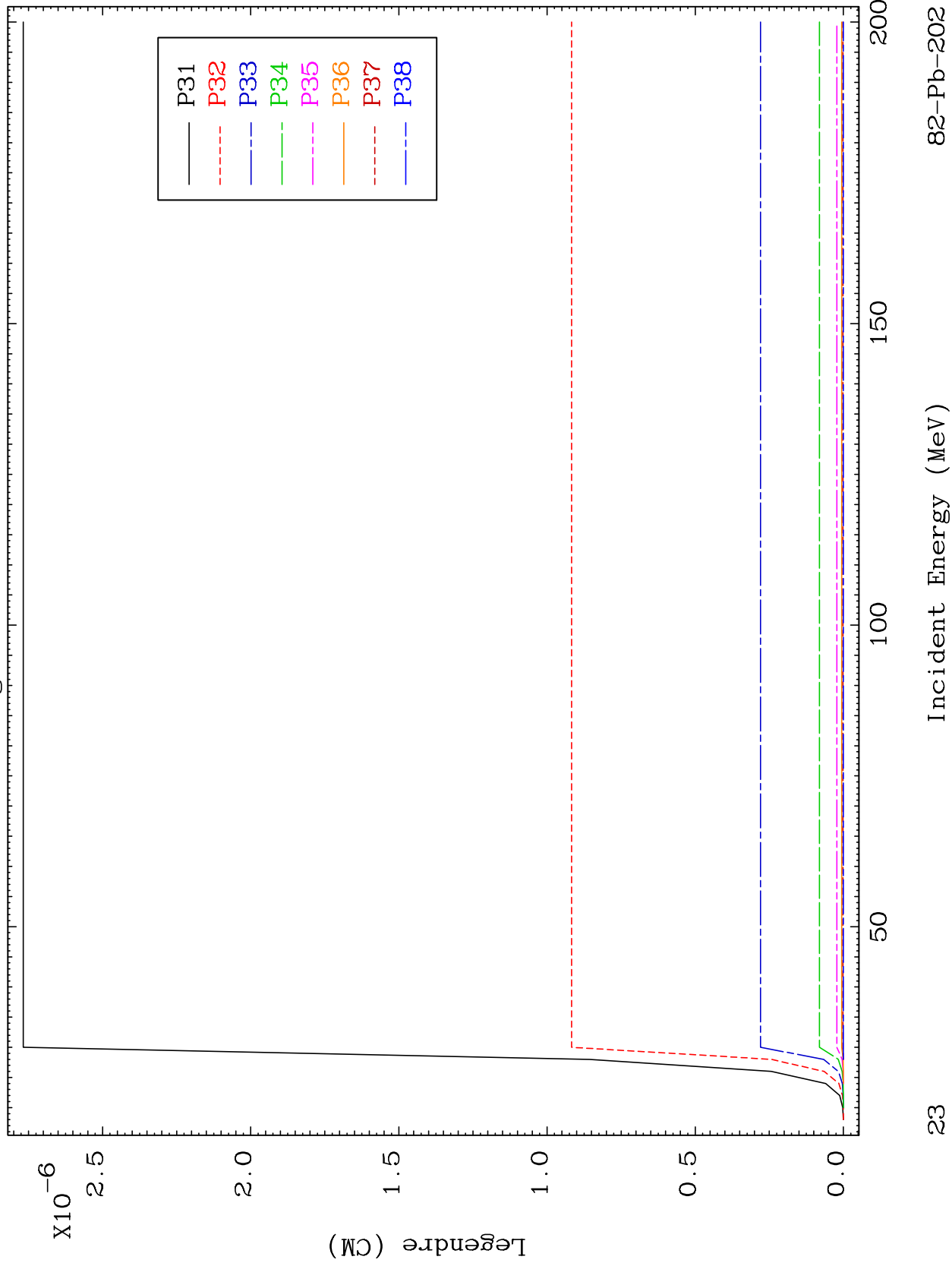
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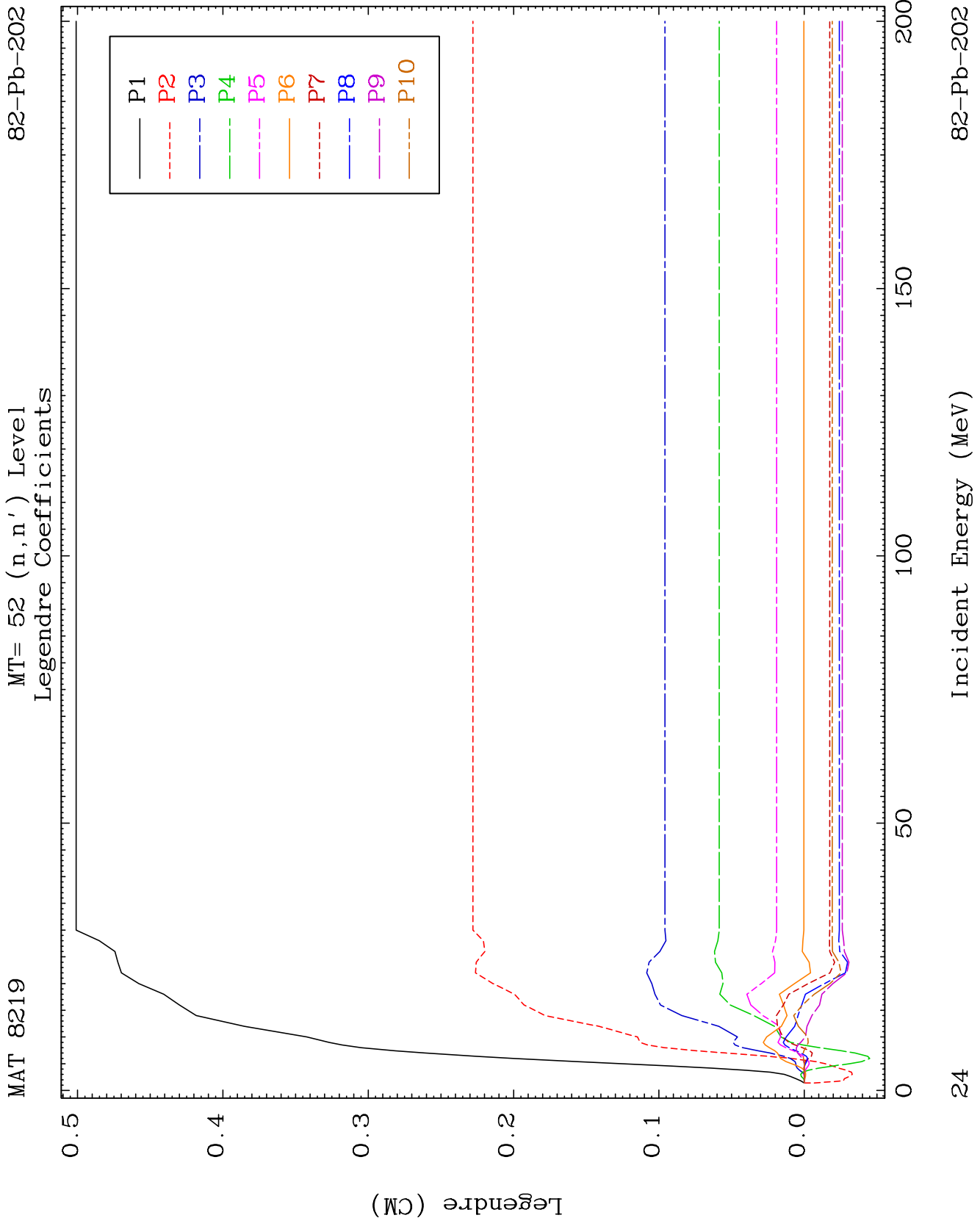
MAT 8219

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

82-Pb-202



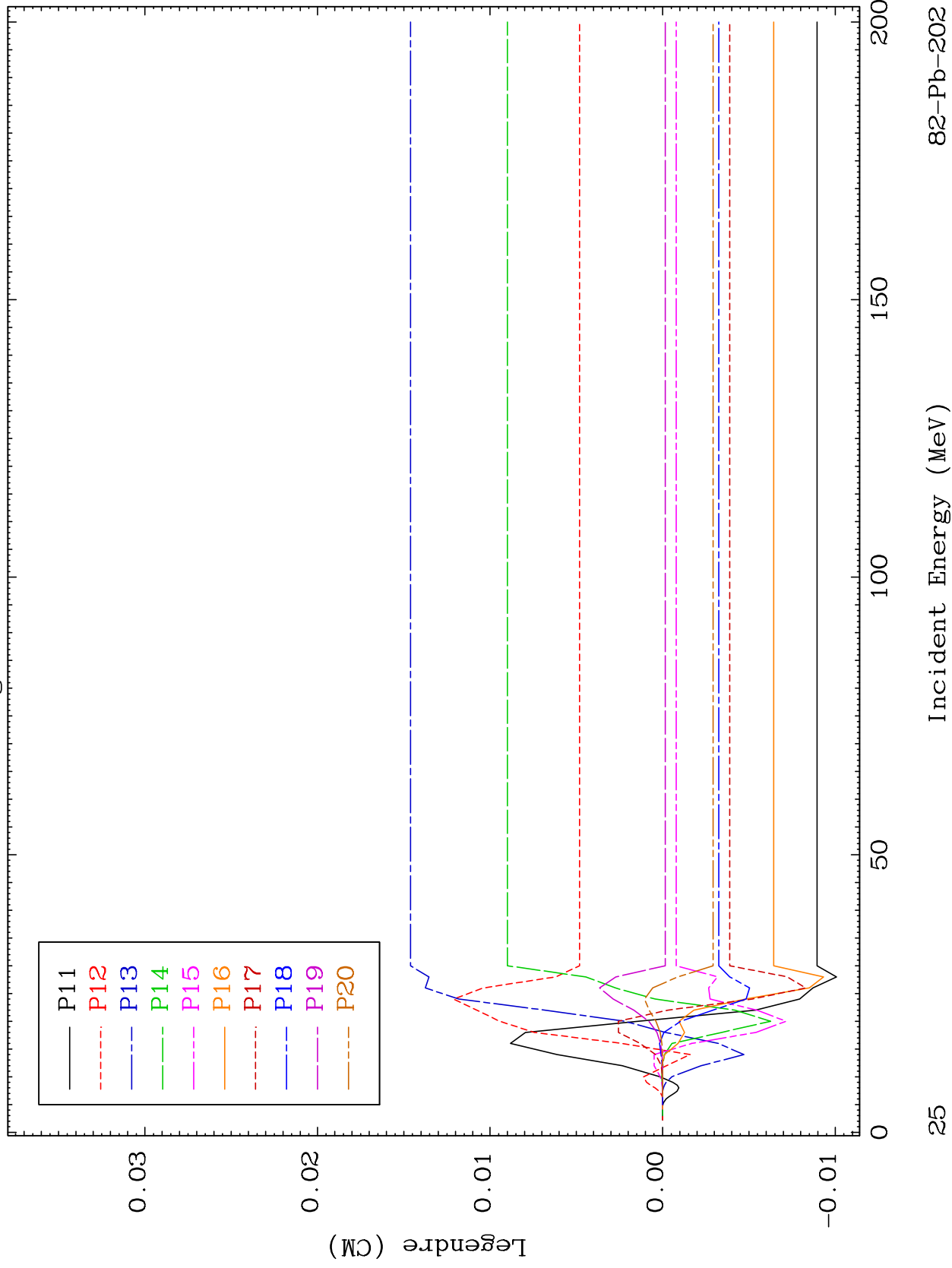
23



MAT 8219

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

82-Pb-202



82-Pb-202

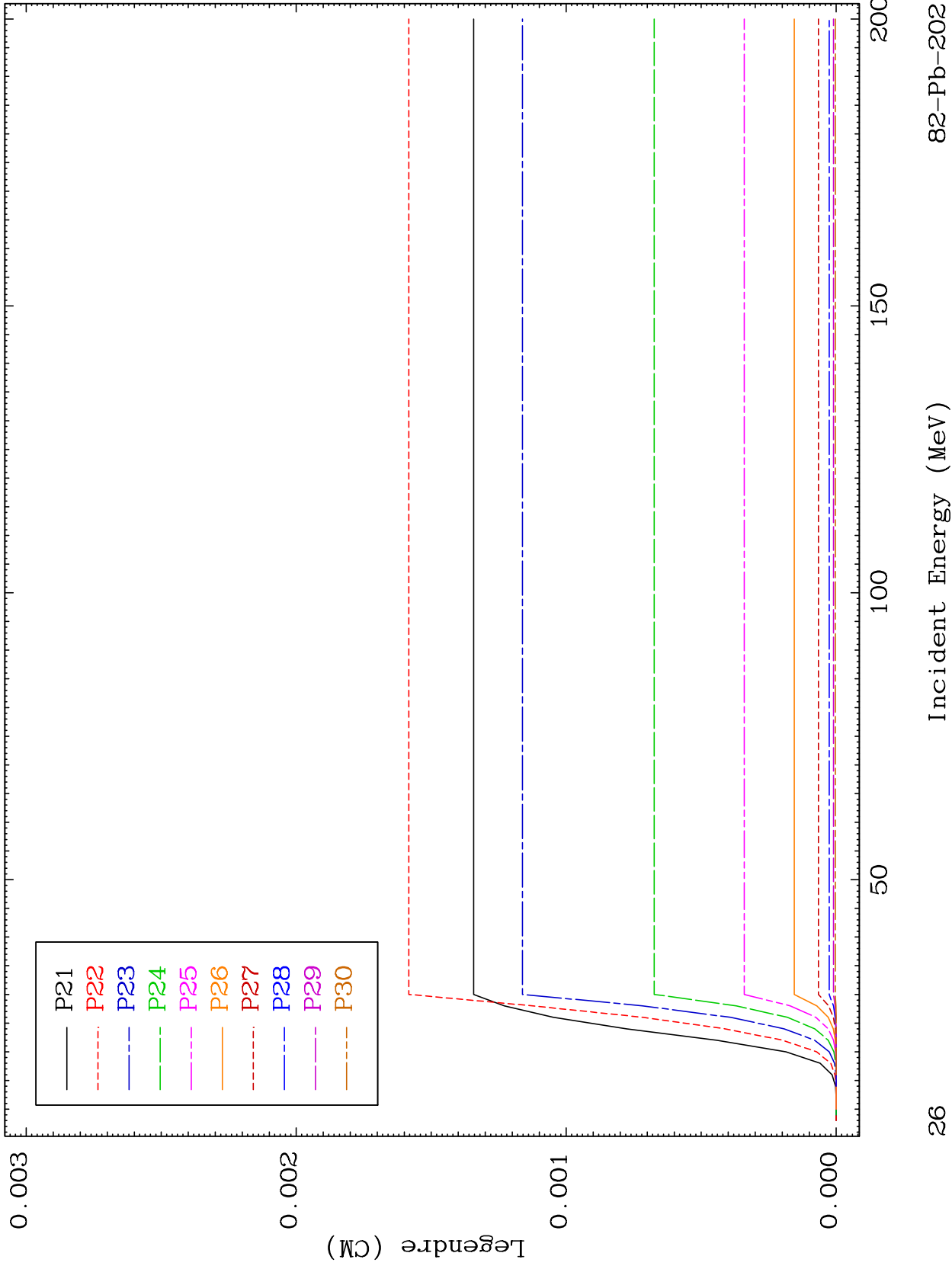
Incident Energy (MeV)

25

MAT 8219

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

82-Pb-202

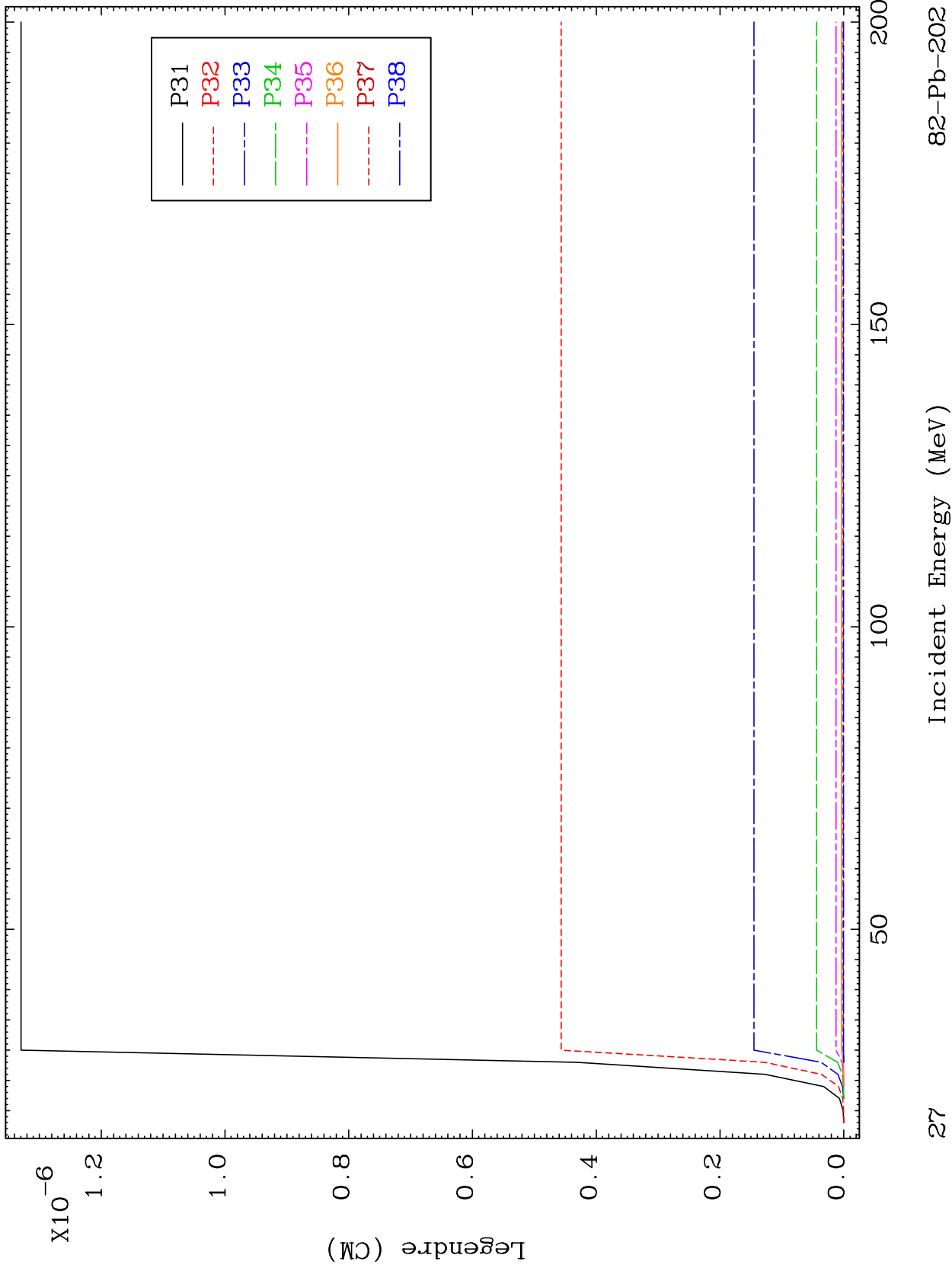


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MAT 8219

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

82-Pb-202



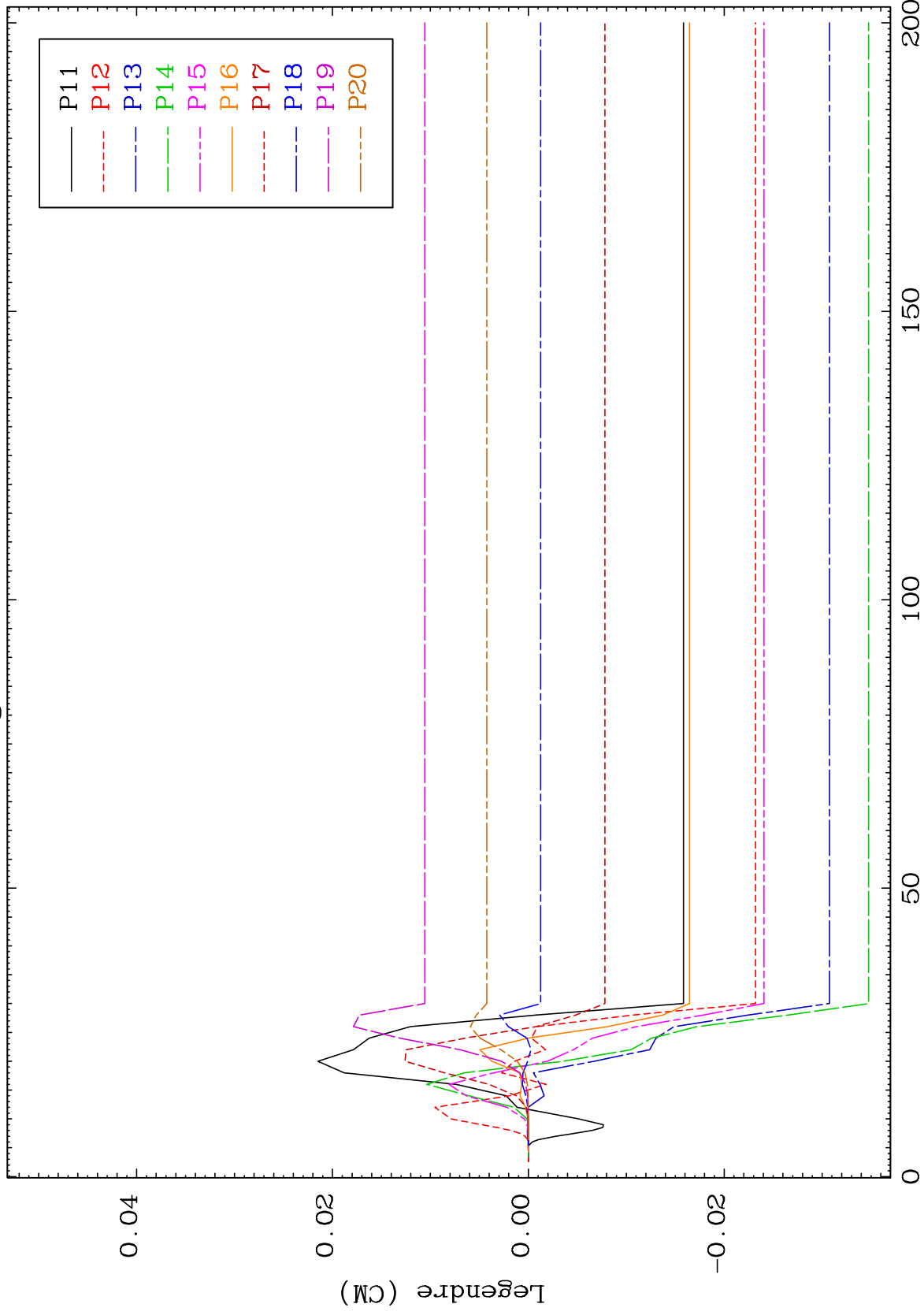
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MAT 8219

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

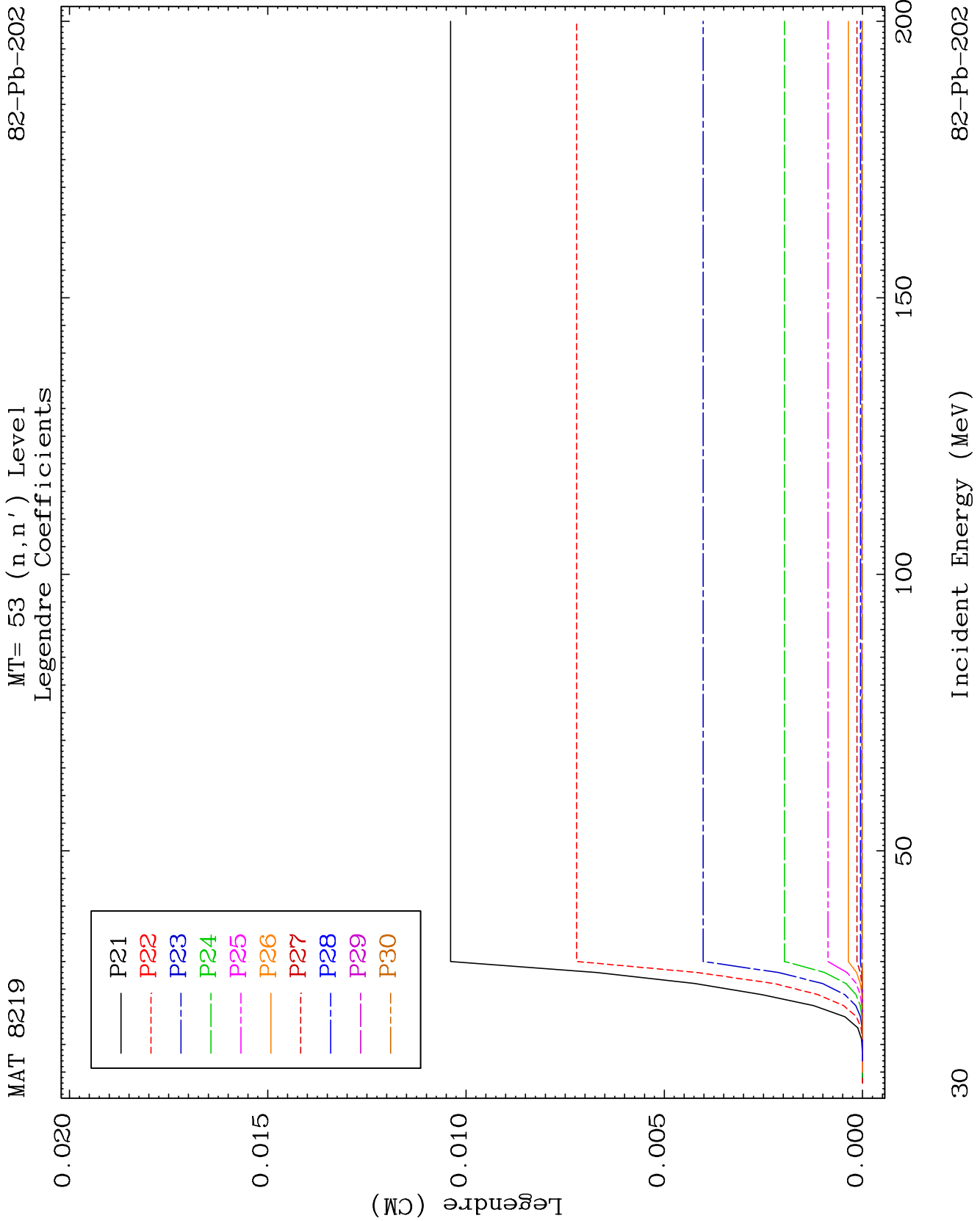
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29

Incident Energy (MeV)

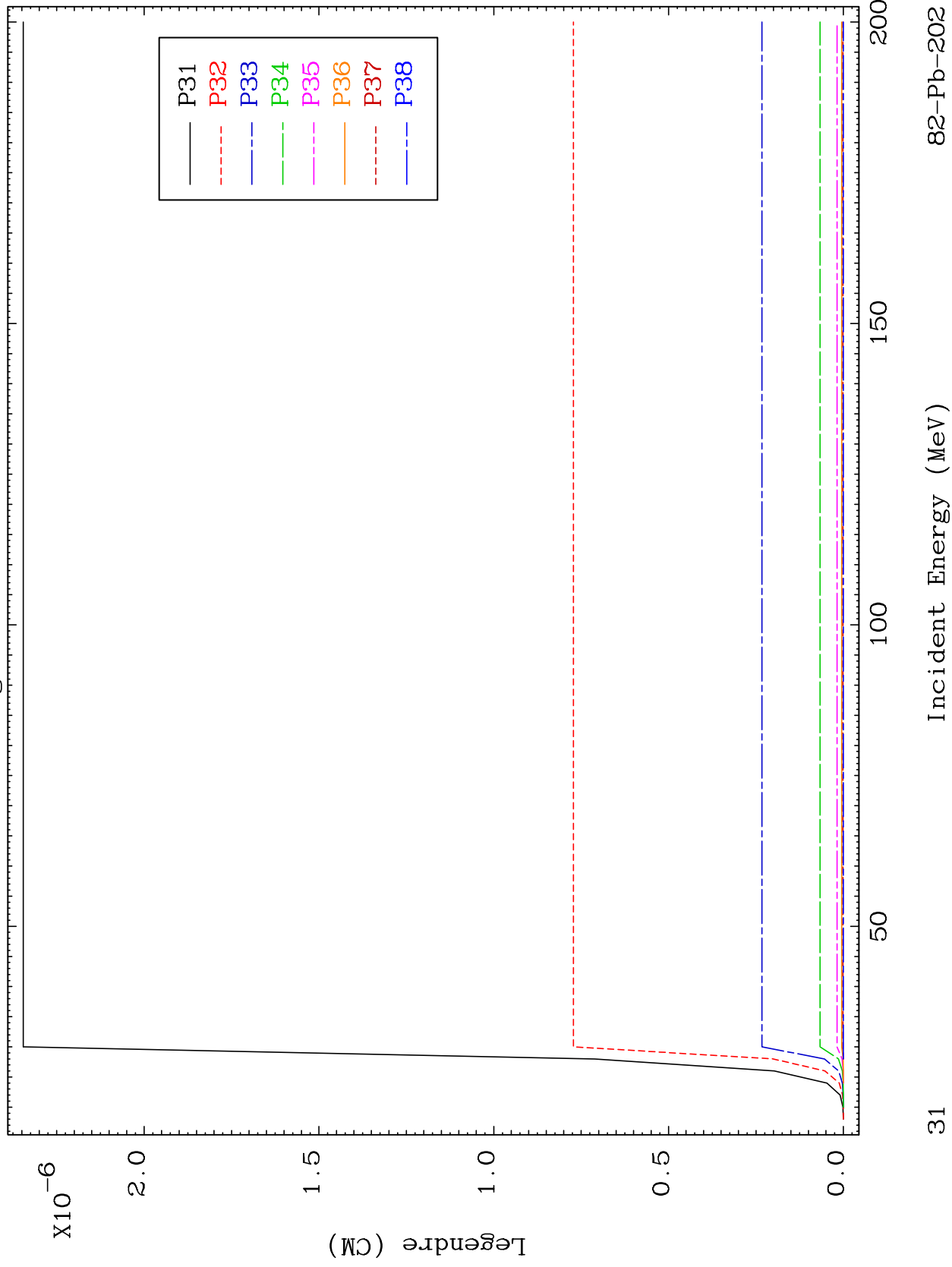
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MAT 8219

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

82-Pb-202

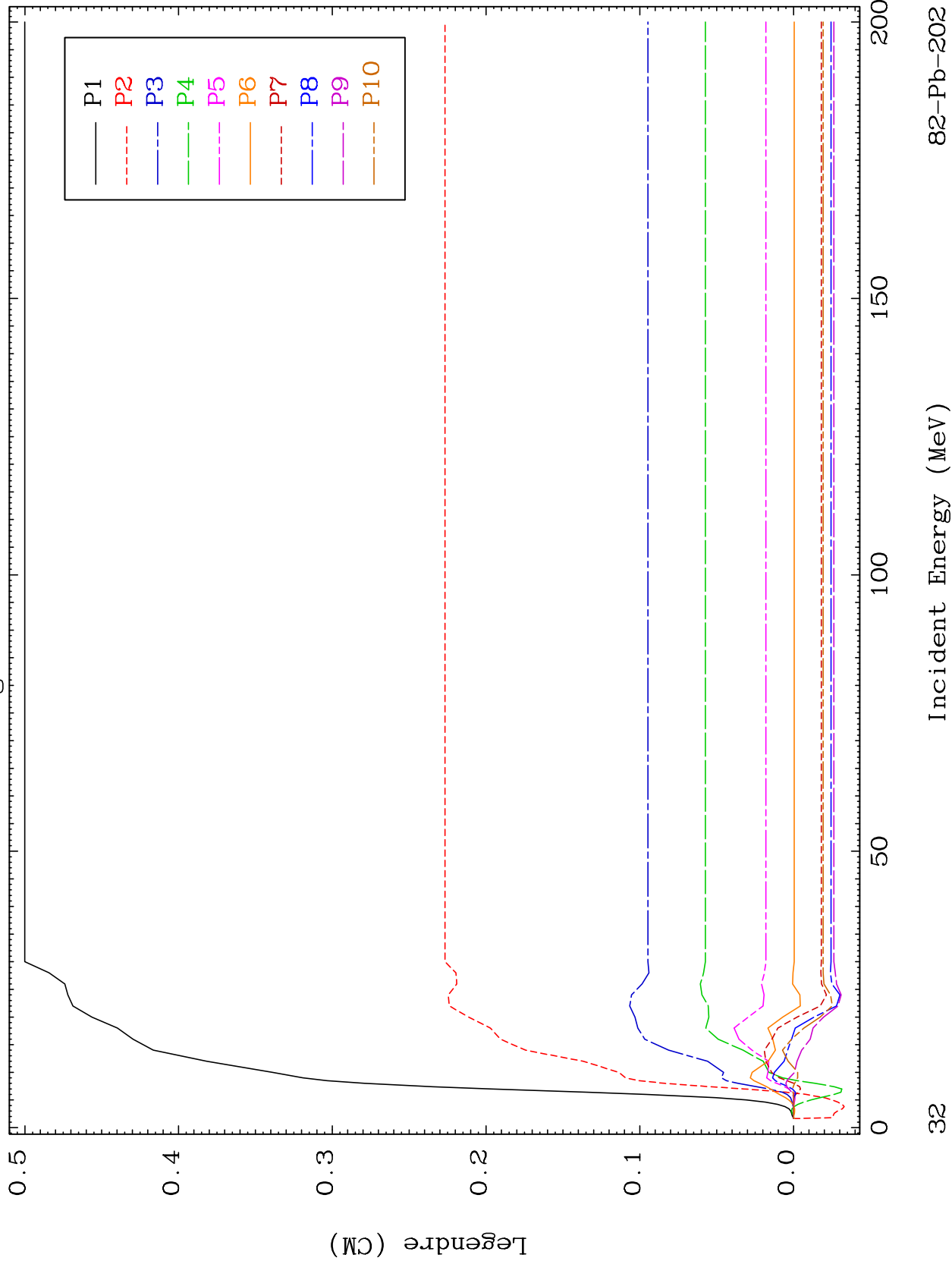


31

MAT 8219

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

82-Pb-202



32

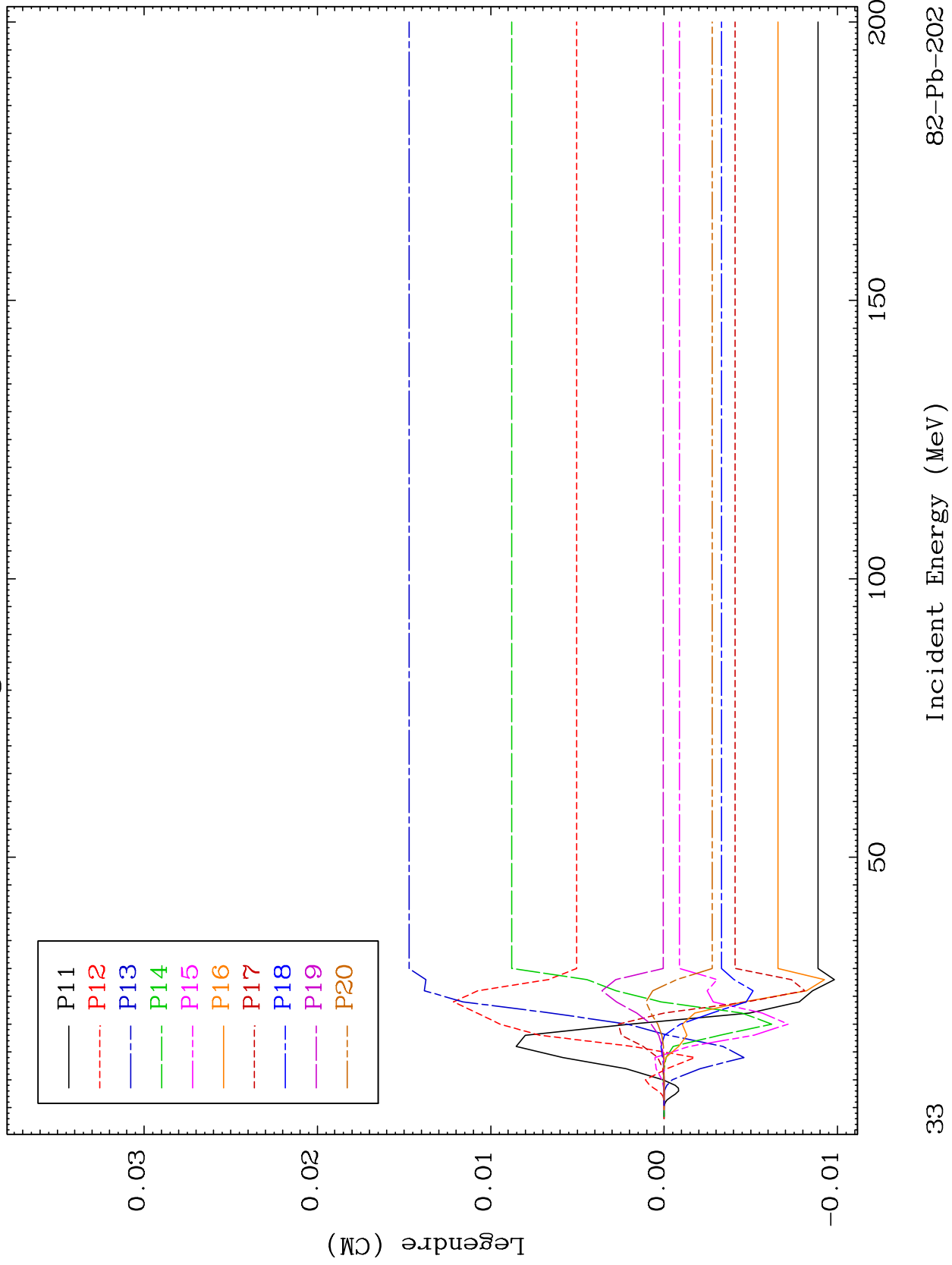
Incident Energy (MeV)

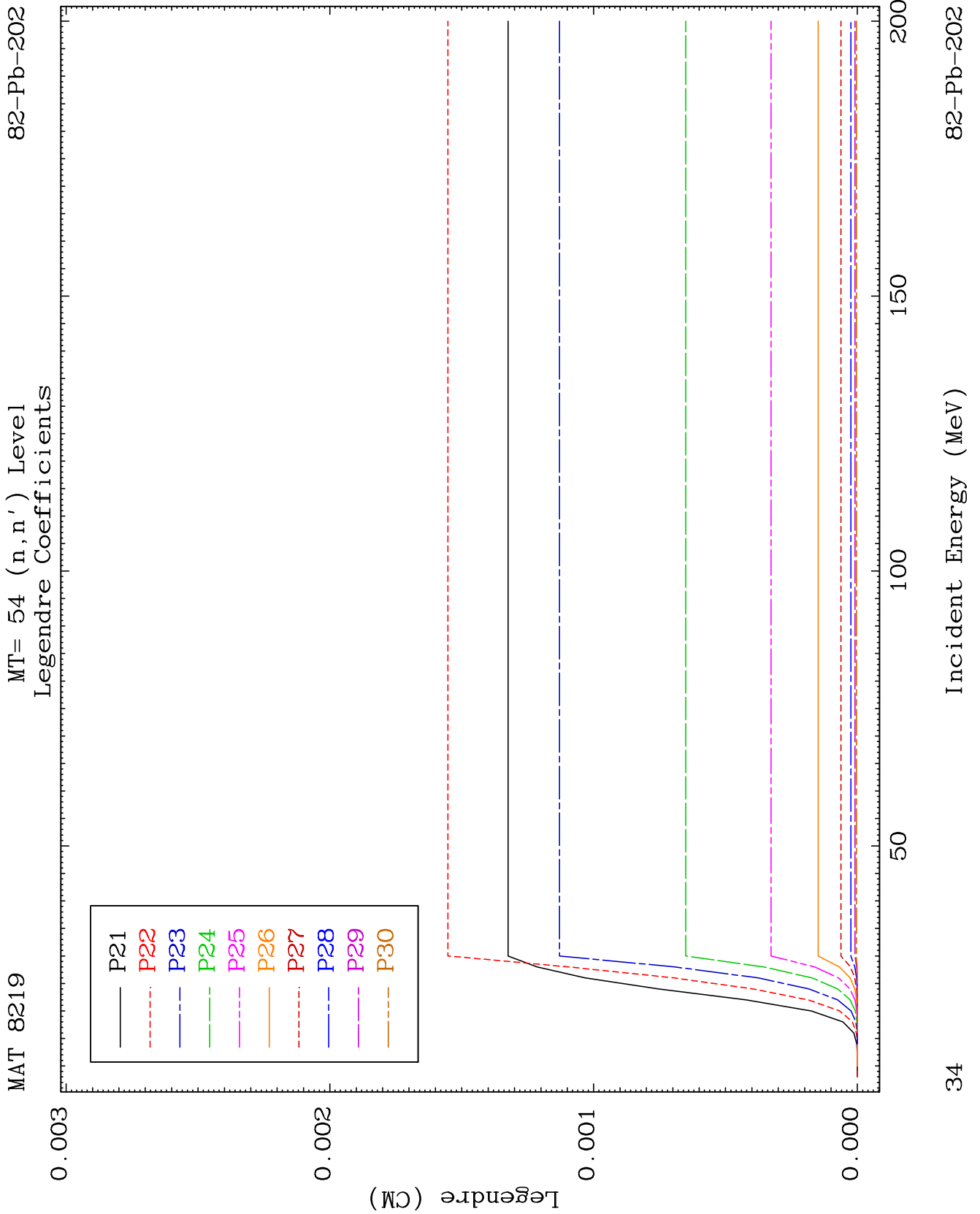
82-Pb-202

MAT 8219

82-Pb-202

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

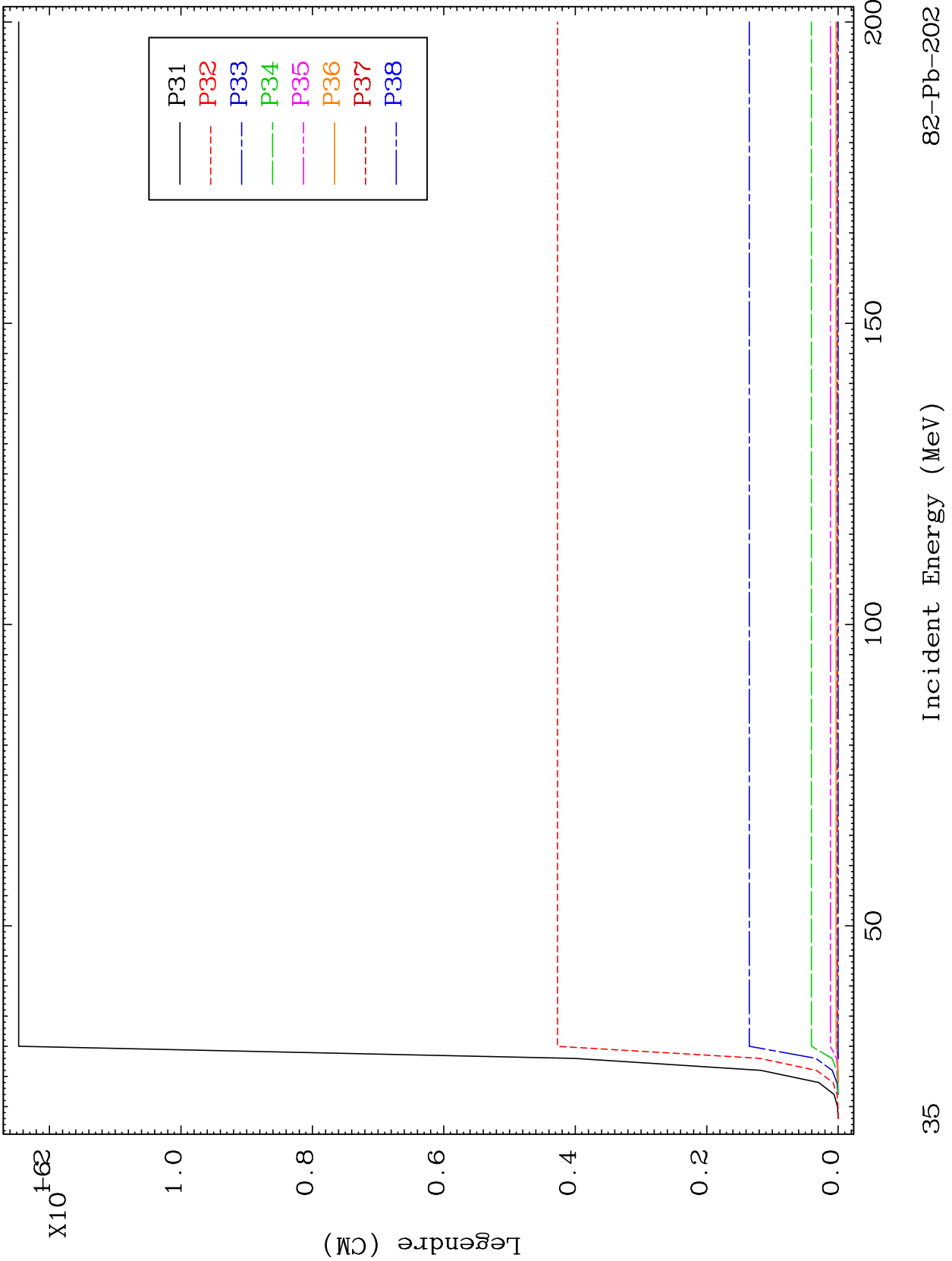




MAT 8219

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

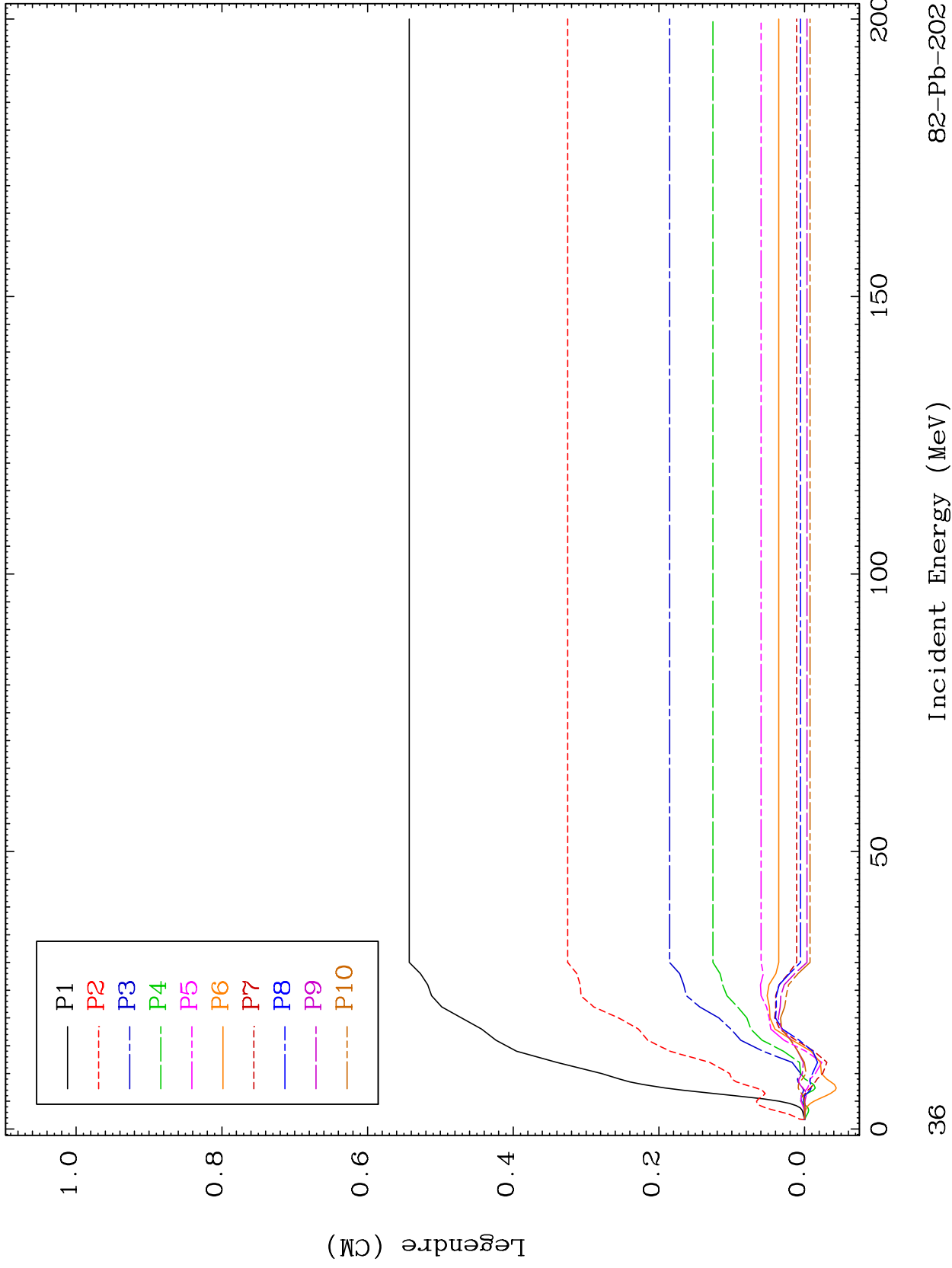
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MAT 8219

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

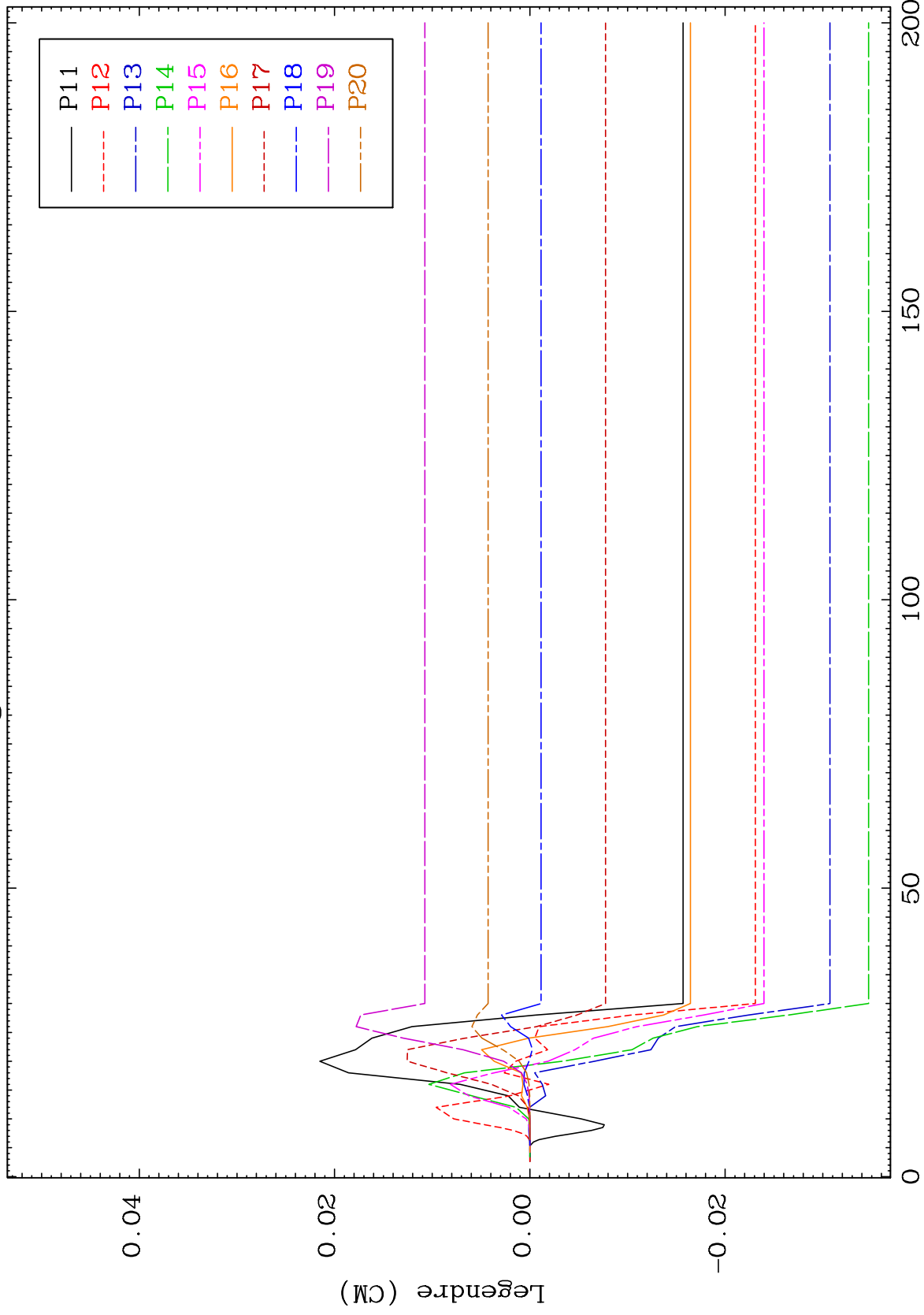
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MAT 8219

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

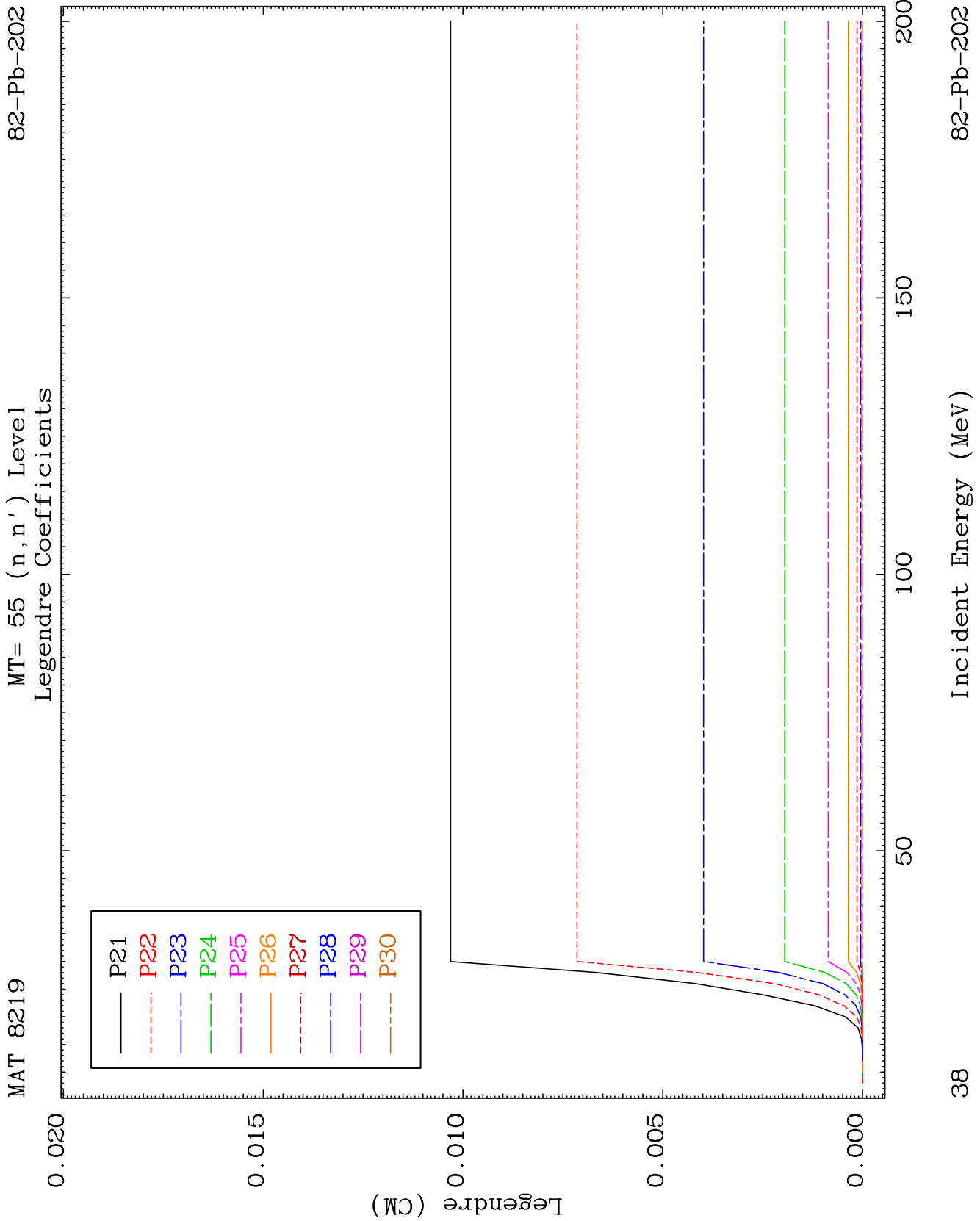
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37

Incident Energy (MeV)

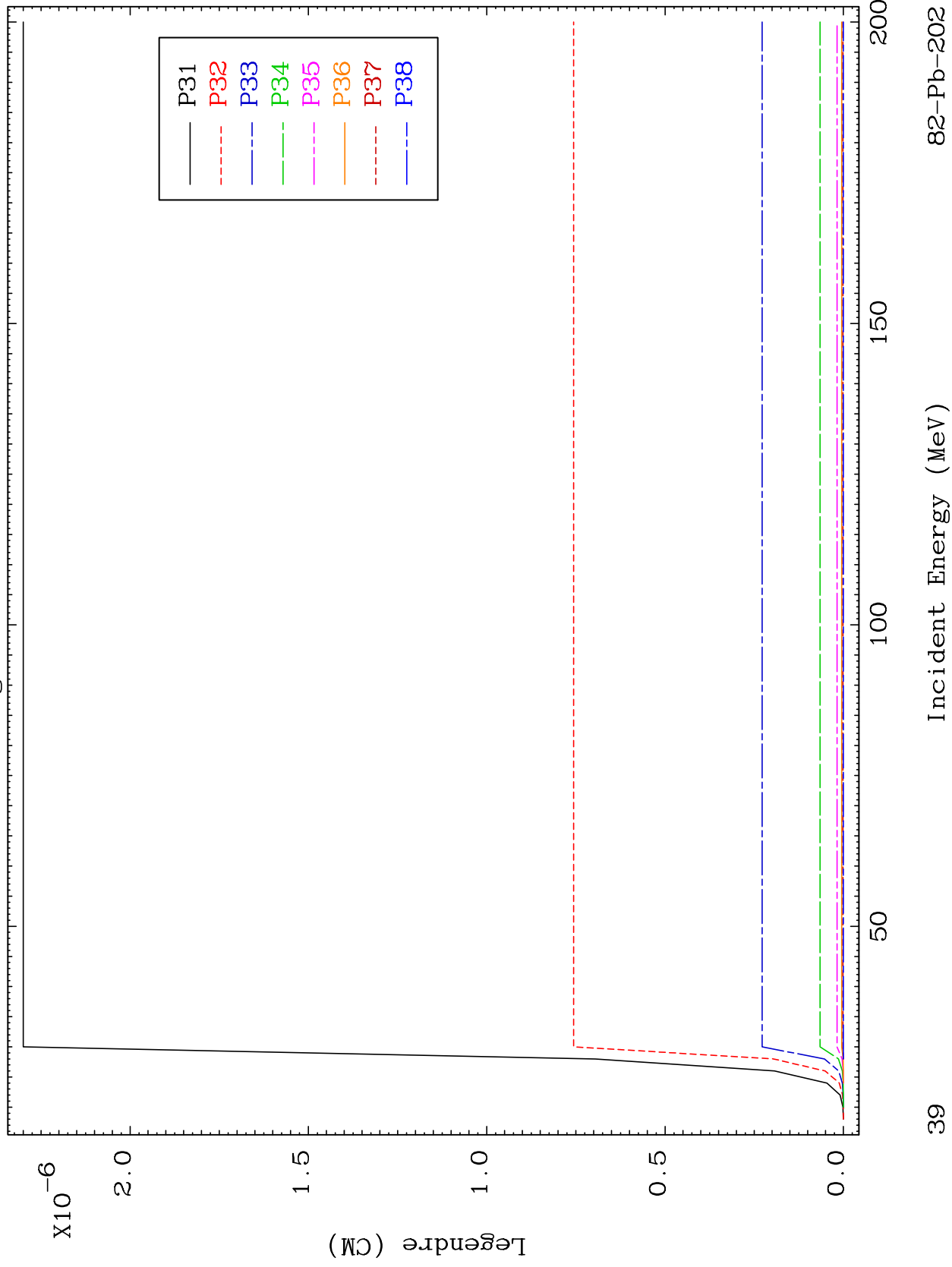
82-Pb-202



MAT 8219

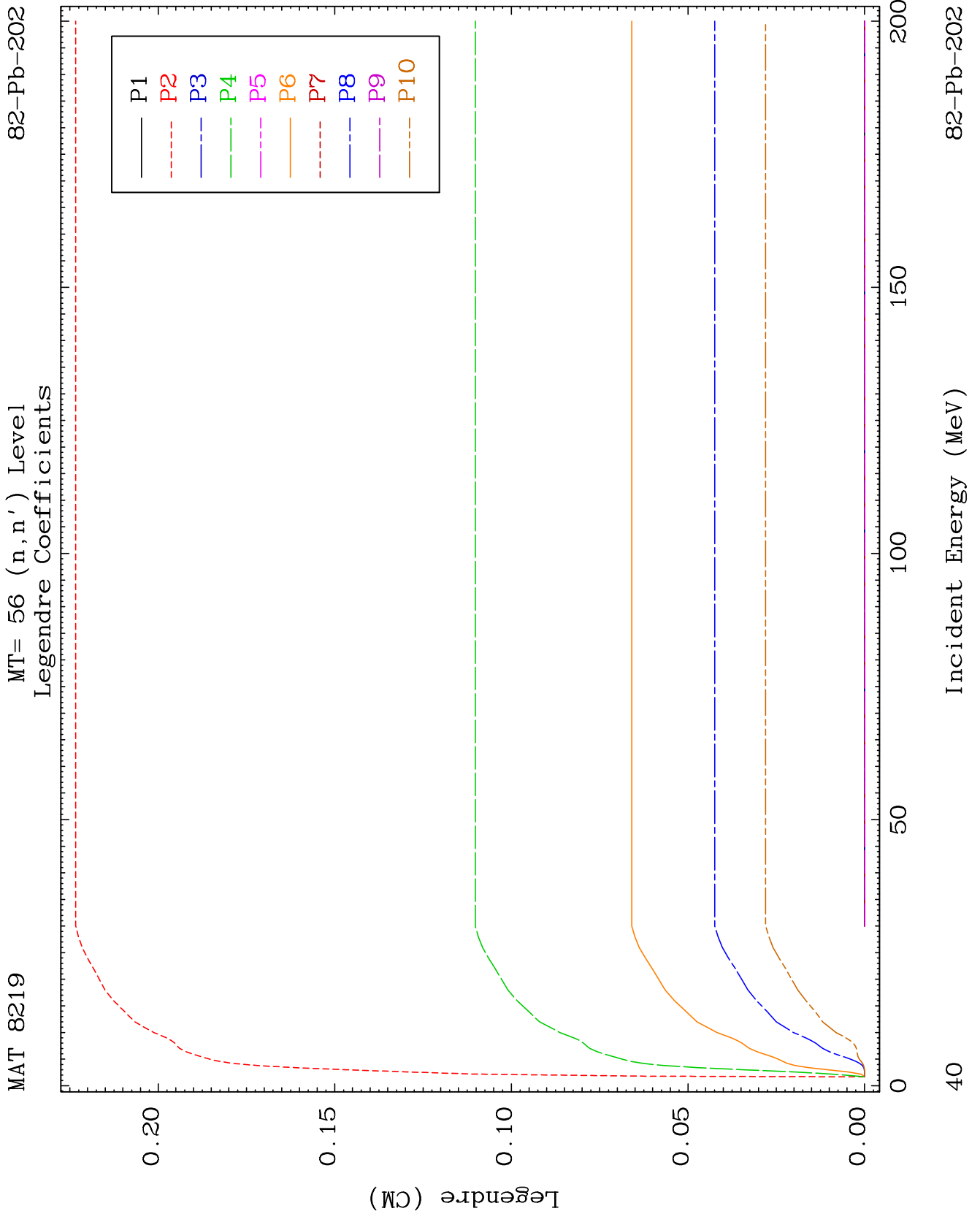
MT= 55 (n,n') Level  
Legendre Coefficients

82-Pb-202



39

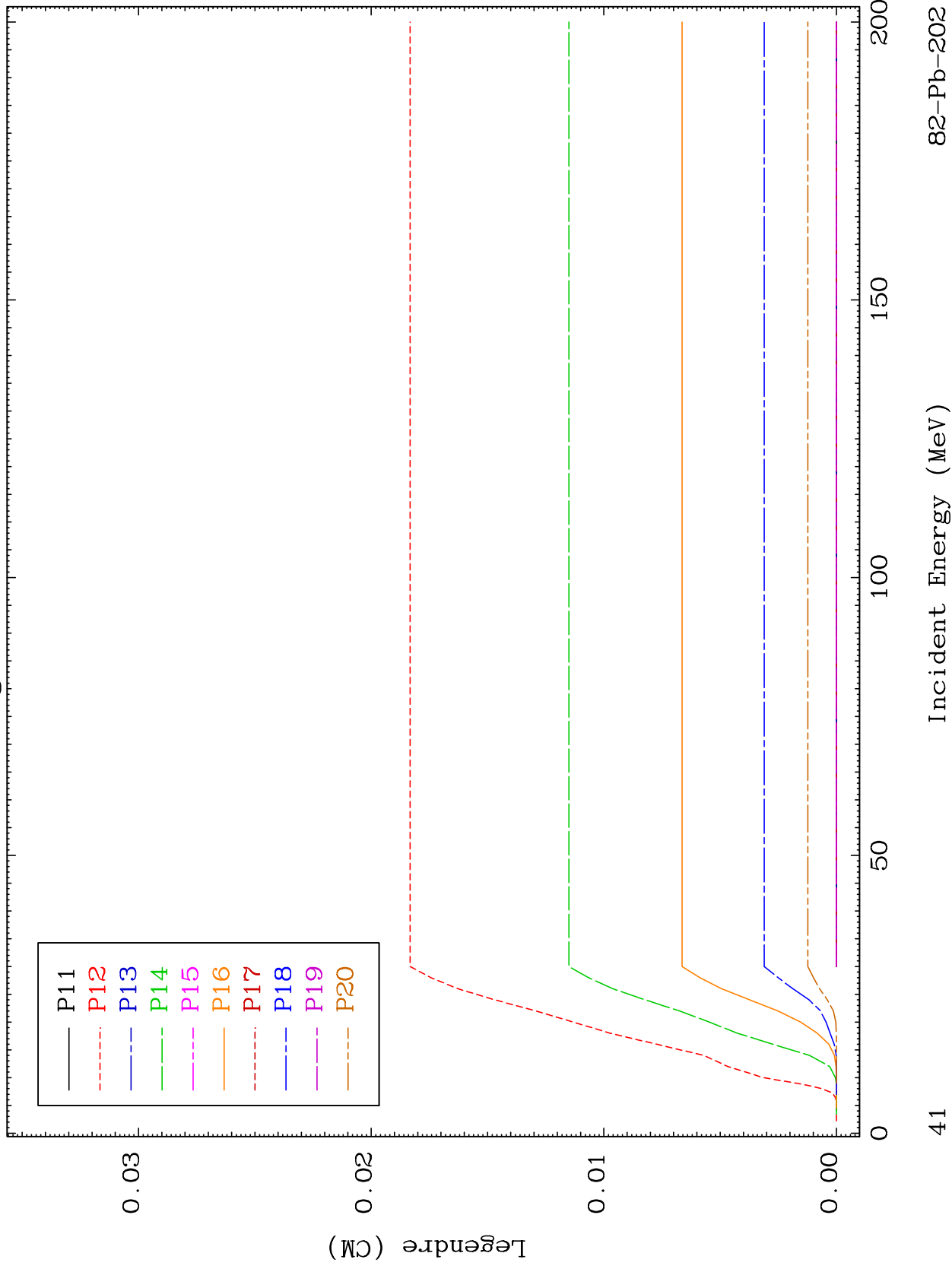
82-Pb-202



MAT 8219

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

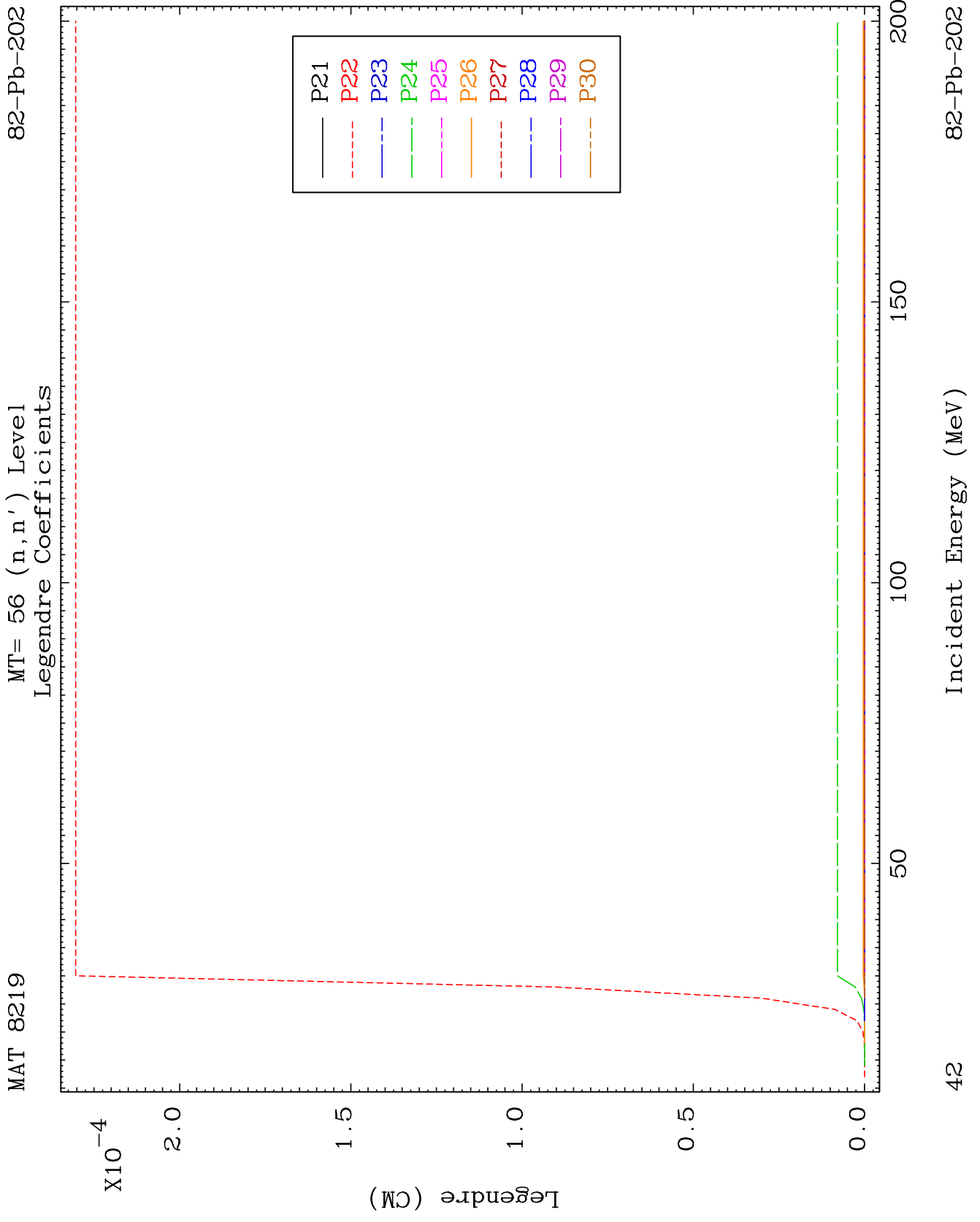
82-Pb-202



41

Incident Energy (MeV)

82-Pb-202

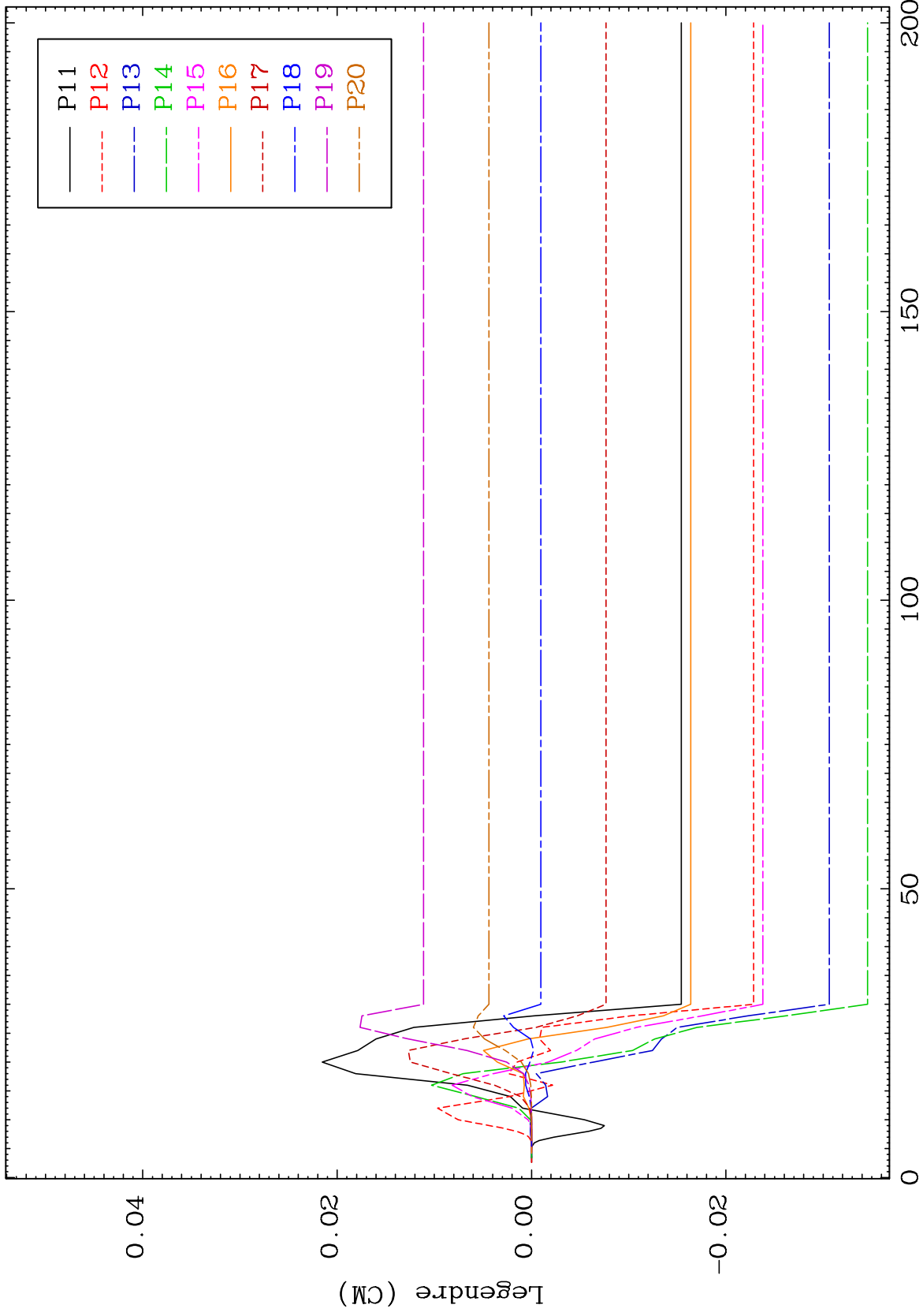




MAT 8219

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

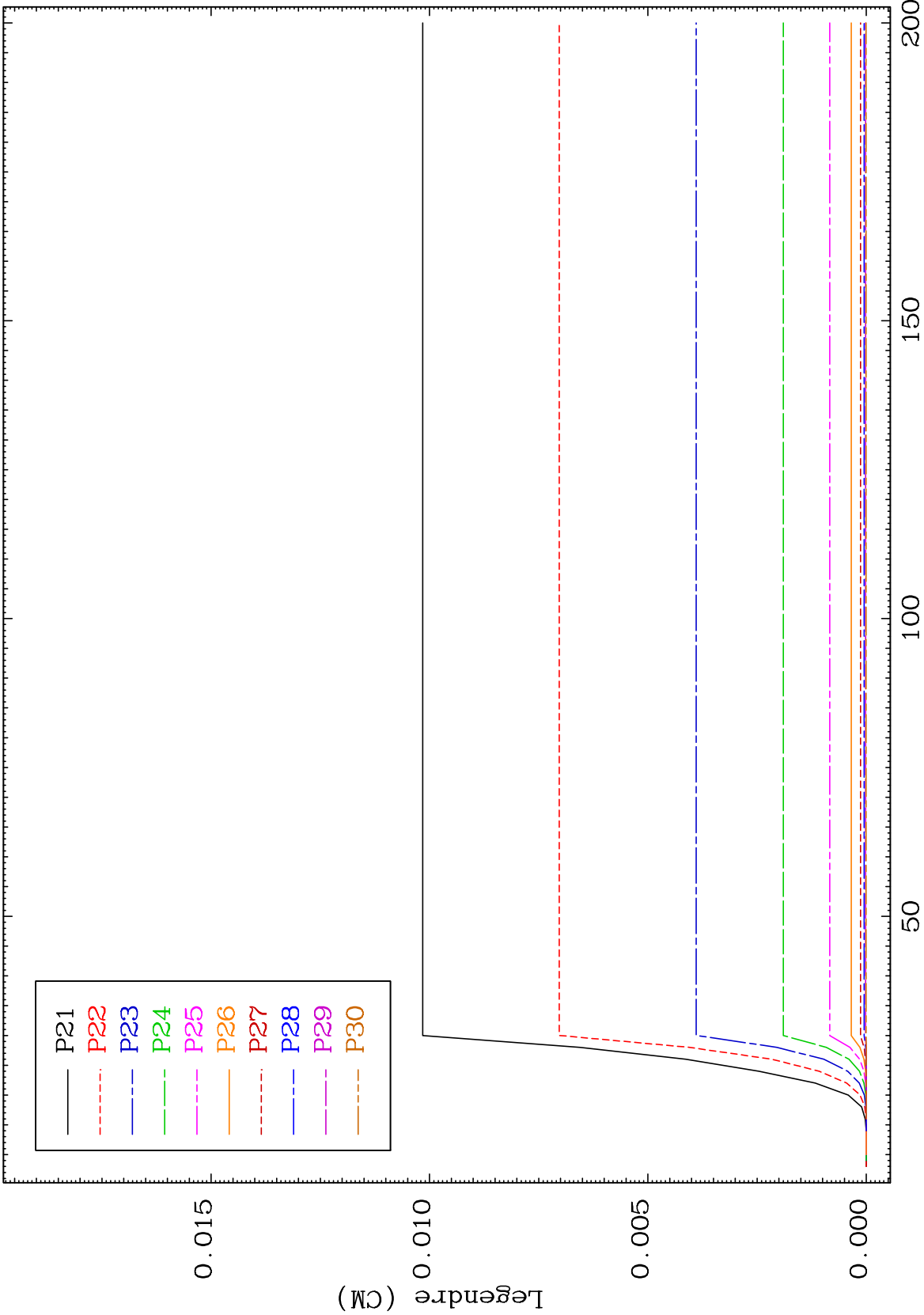
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MAT 8219

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

82-Pb-202



45

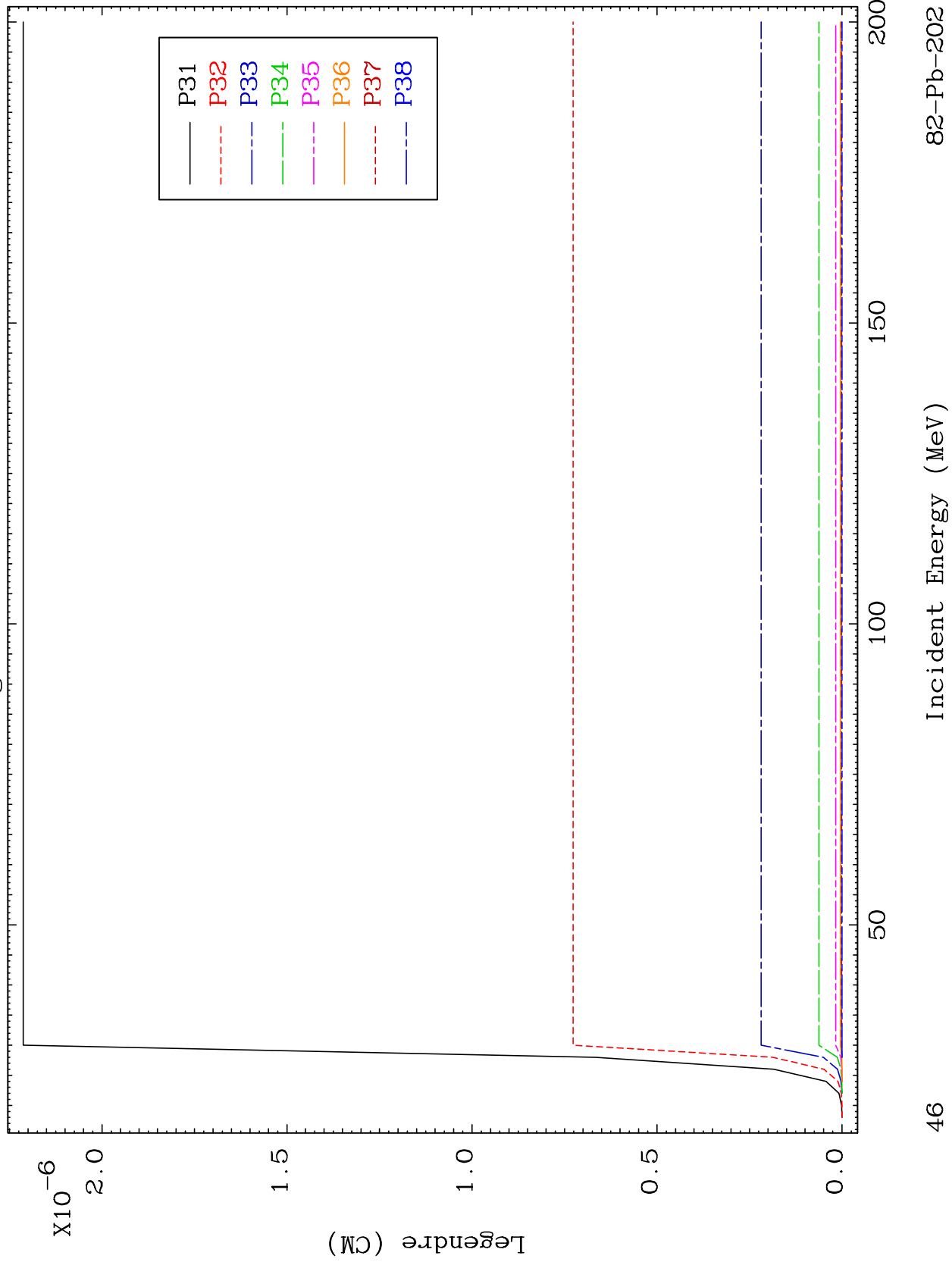
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



46

Incident Energy (MeV)

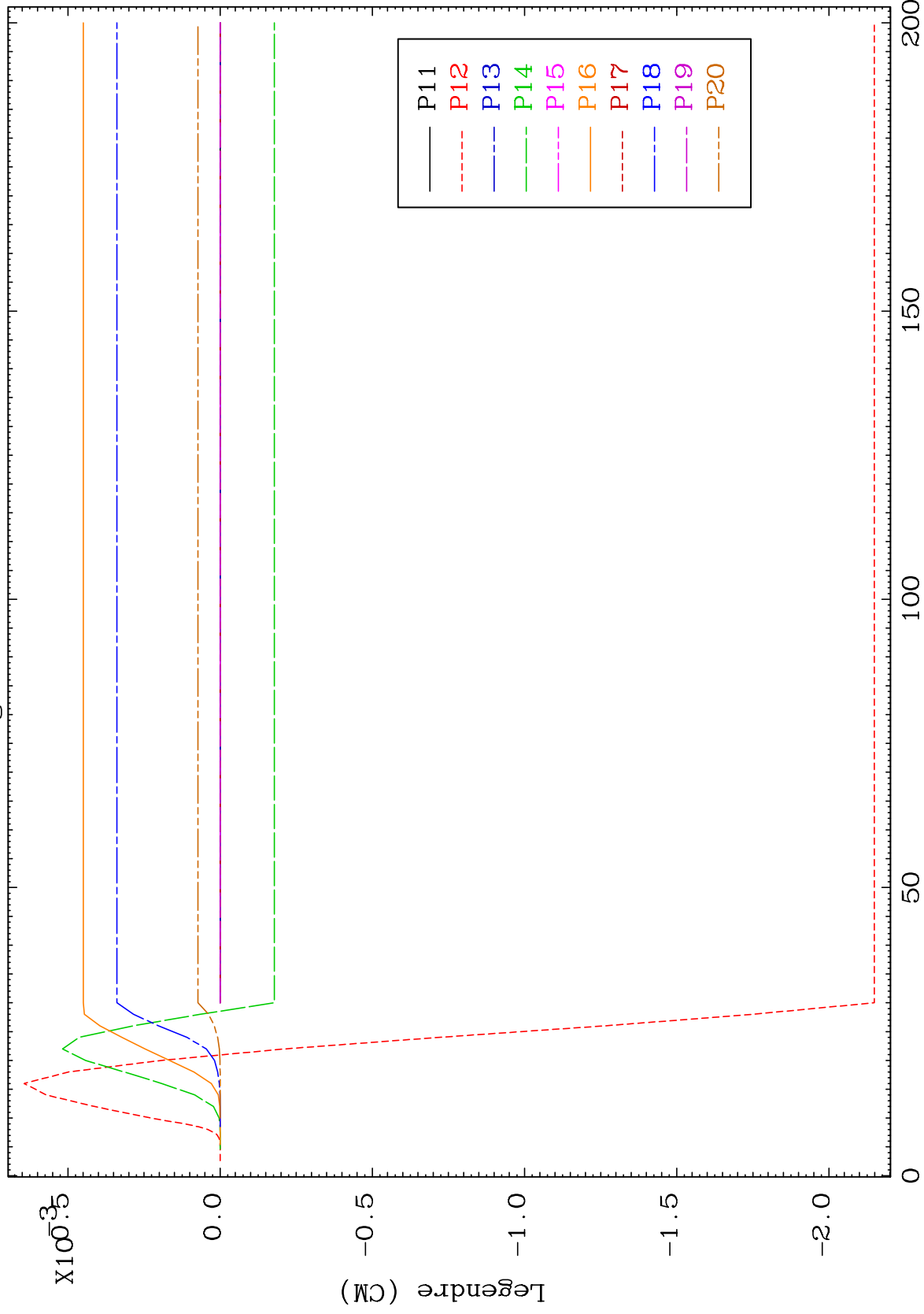
82-Pb-202



MAT 8219

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

82-Pb-202

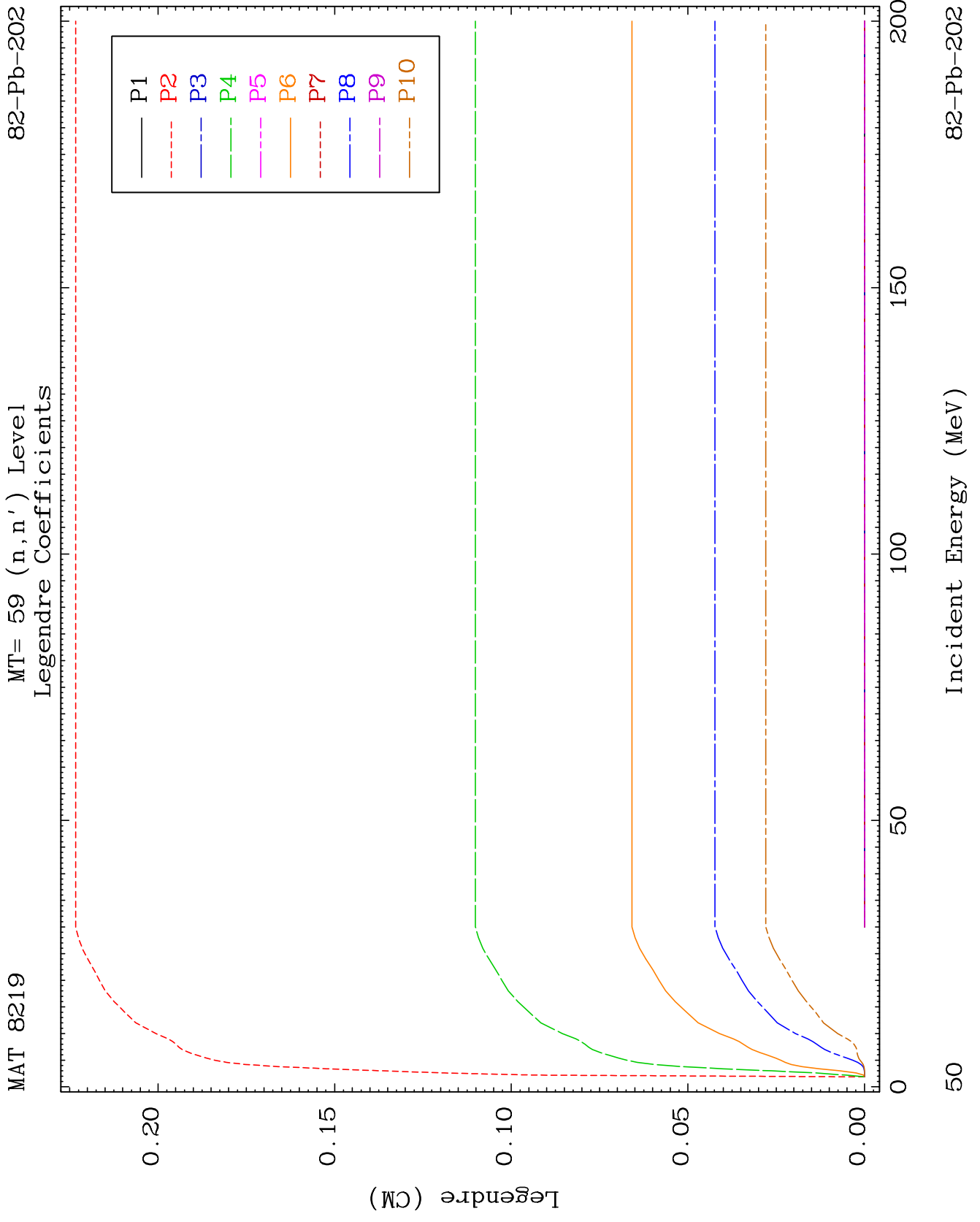


48

Incident Energy (MeV)

82-Pb-202

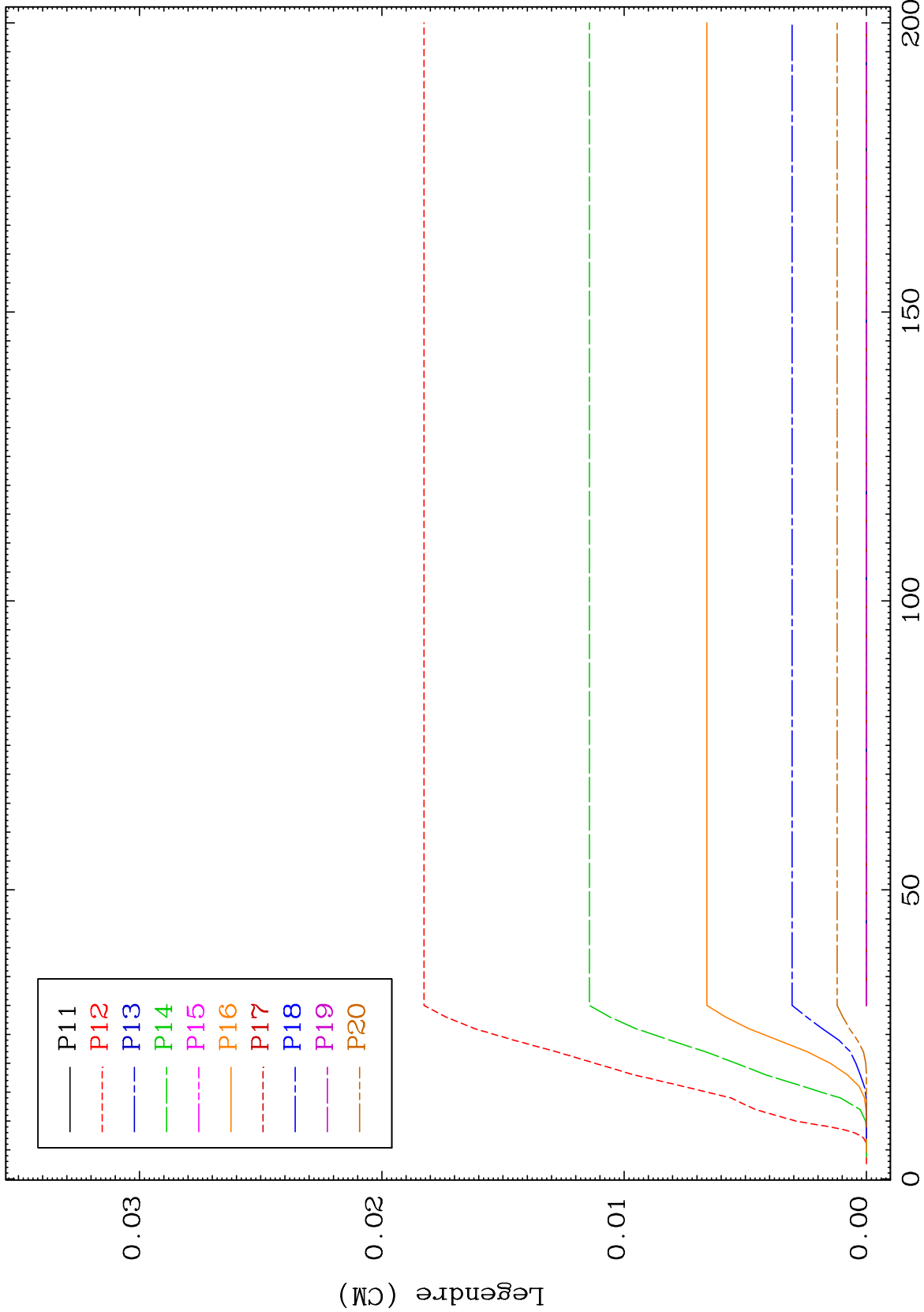




MAT 8219

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

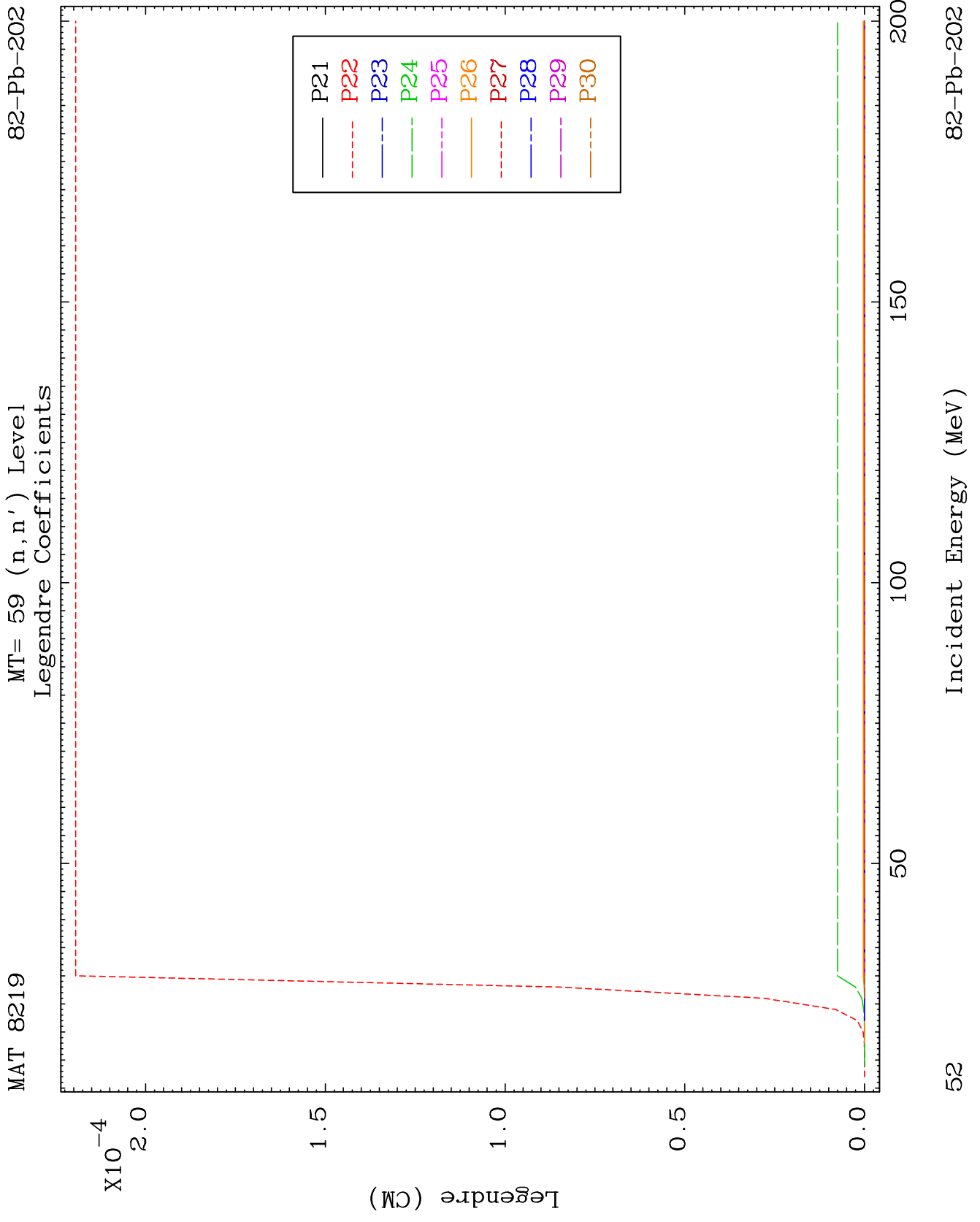
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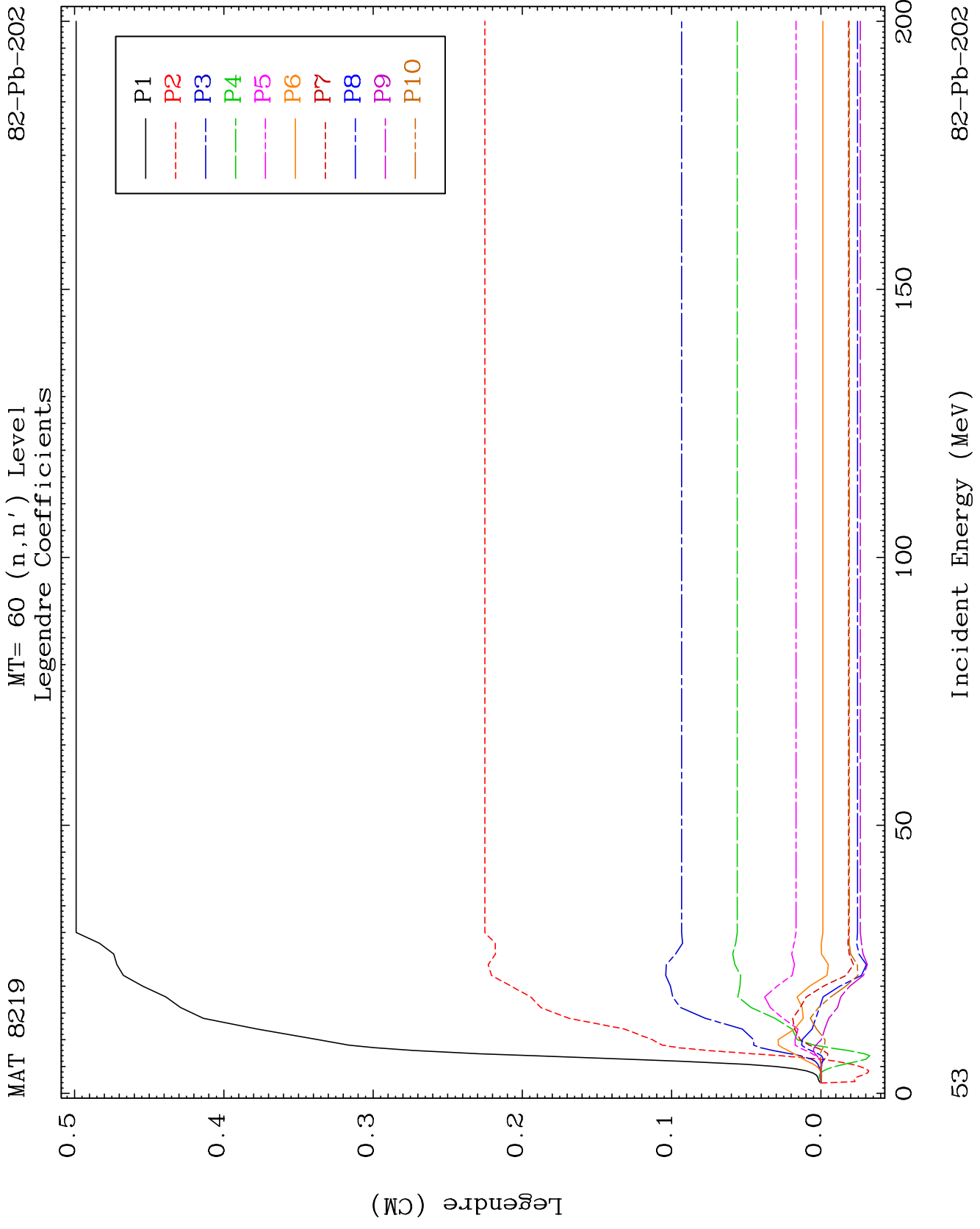


51

Incident Energy (MeV)

82-Pb-202

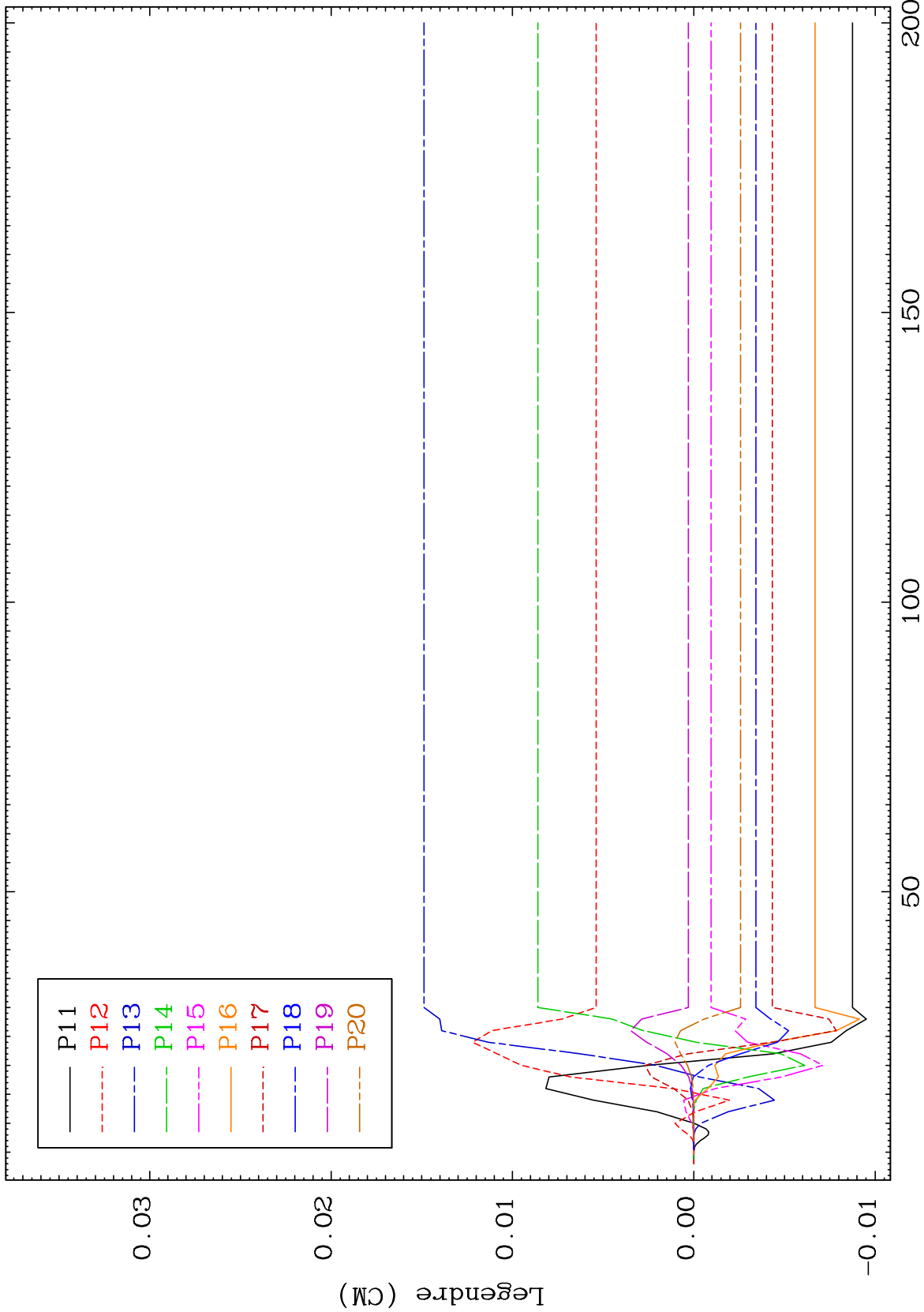




MAT 8219

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

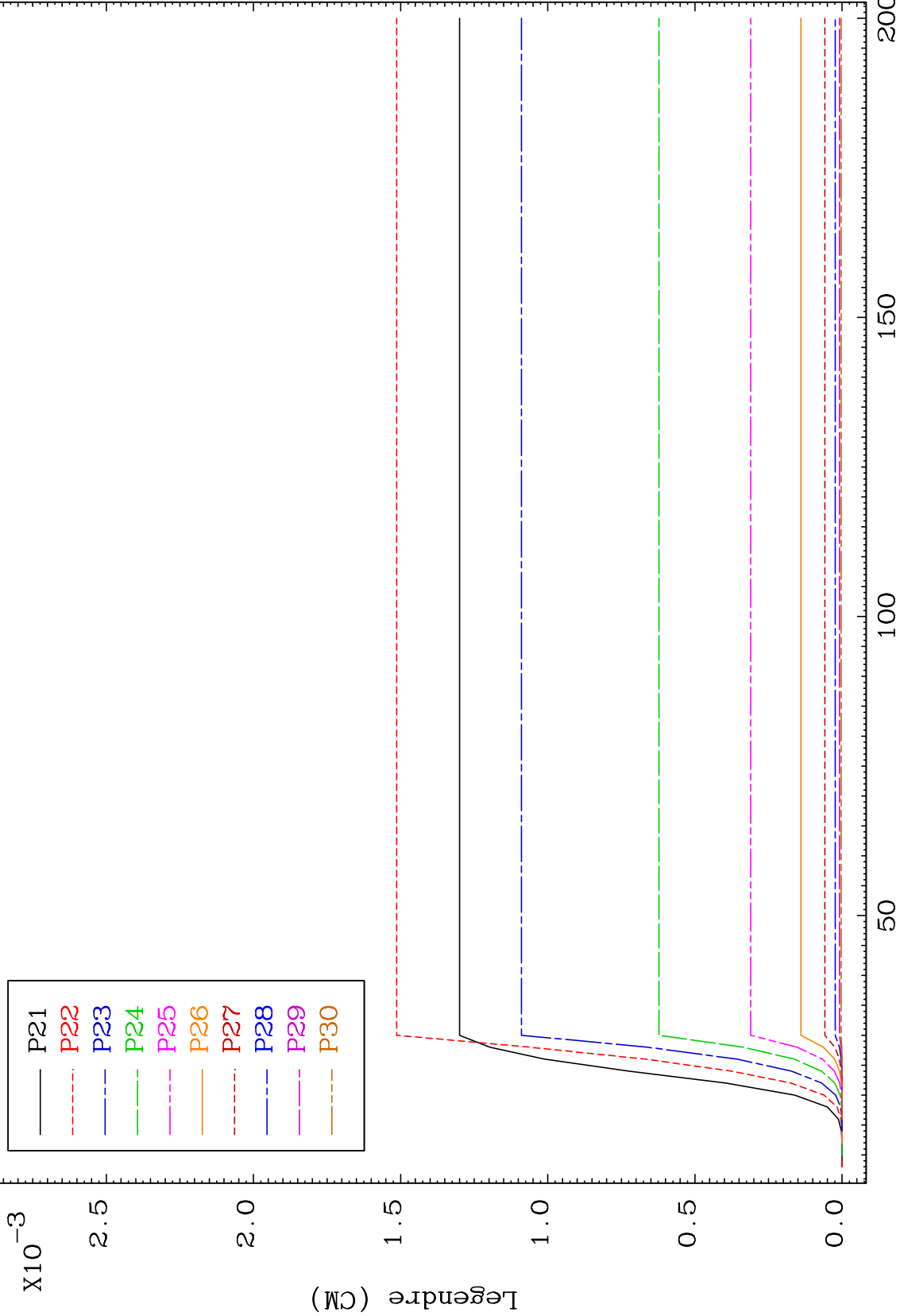
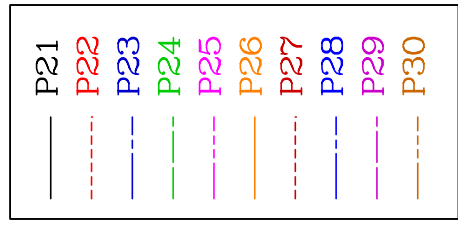
82-Pb-202



MAT 8219

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

82-Pb-202



55

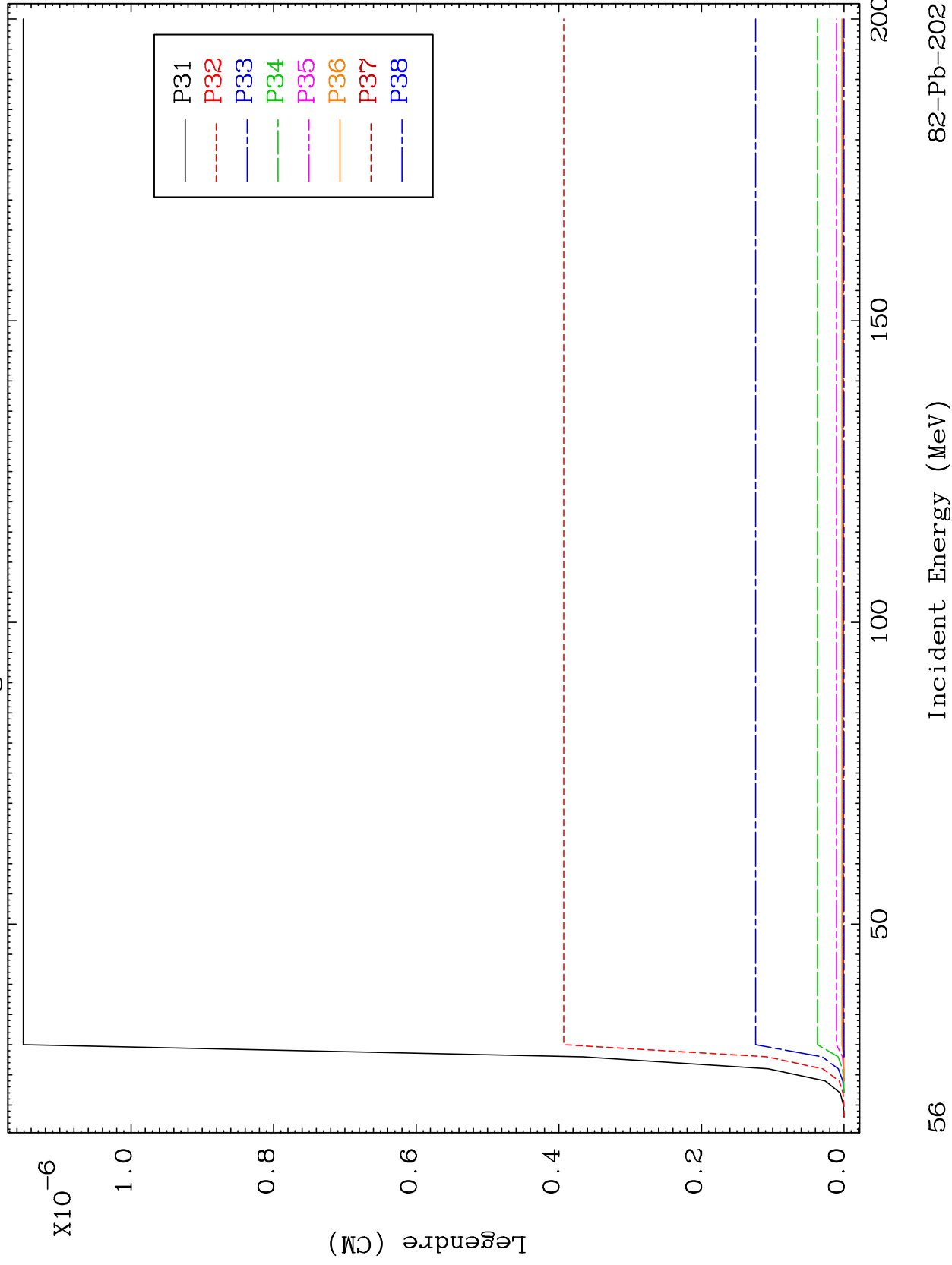
Incident Energy (MeV)

82-Pb-202

MAT 8219

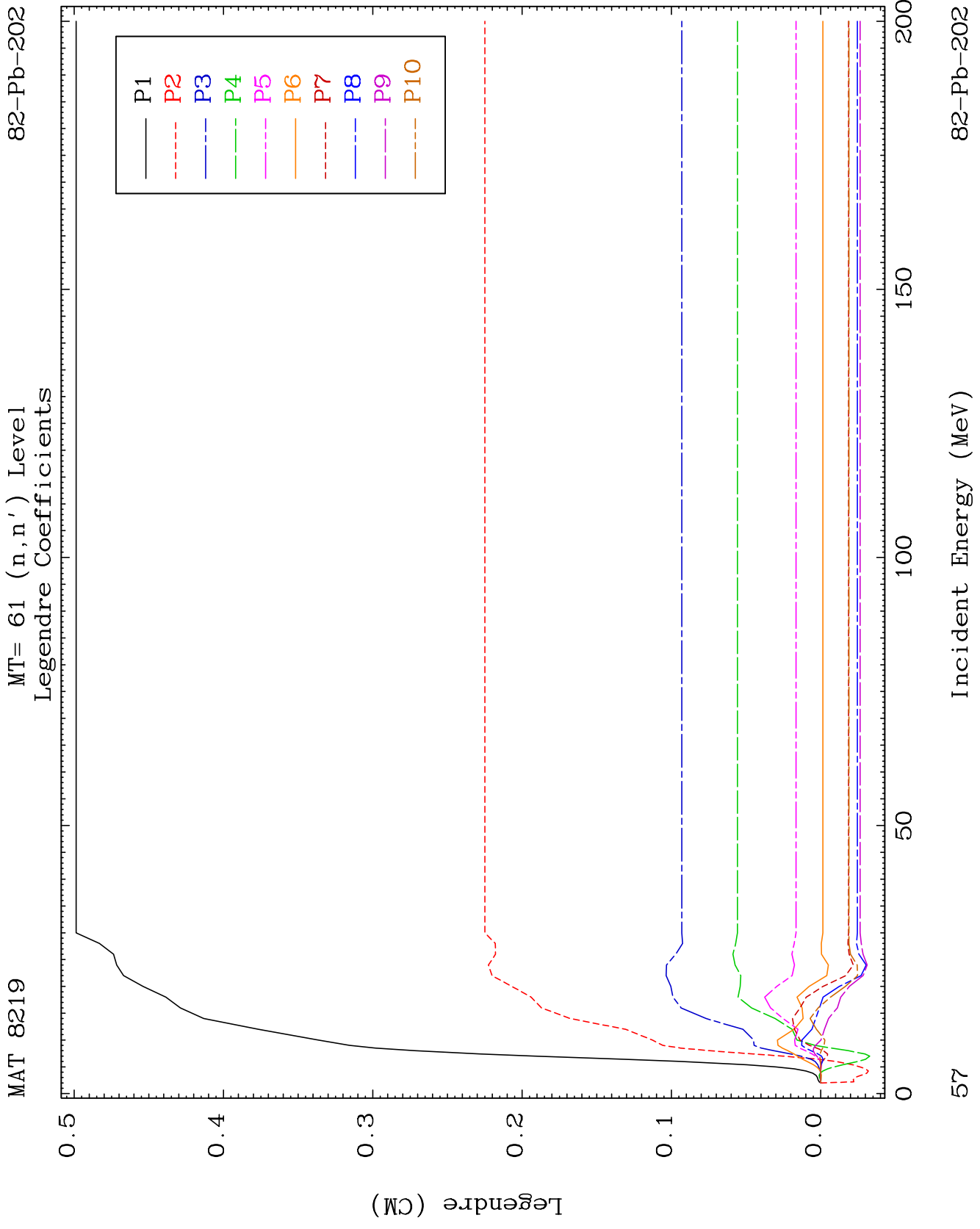
MT= 60 (n,n') Level  
Legendre Coefficients

82-Pb-202



56

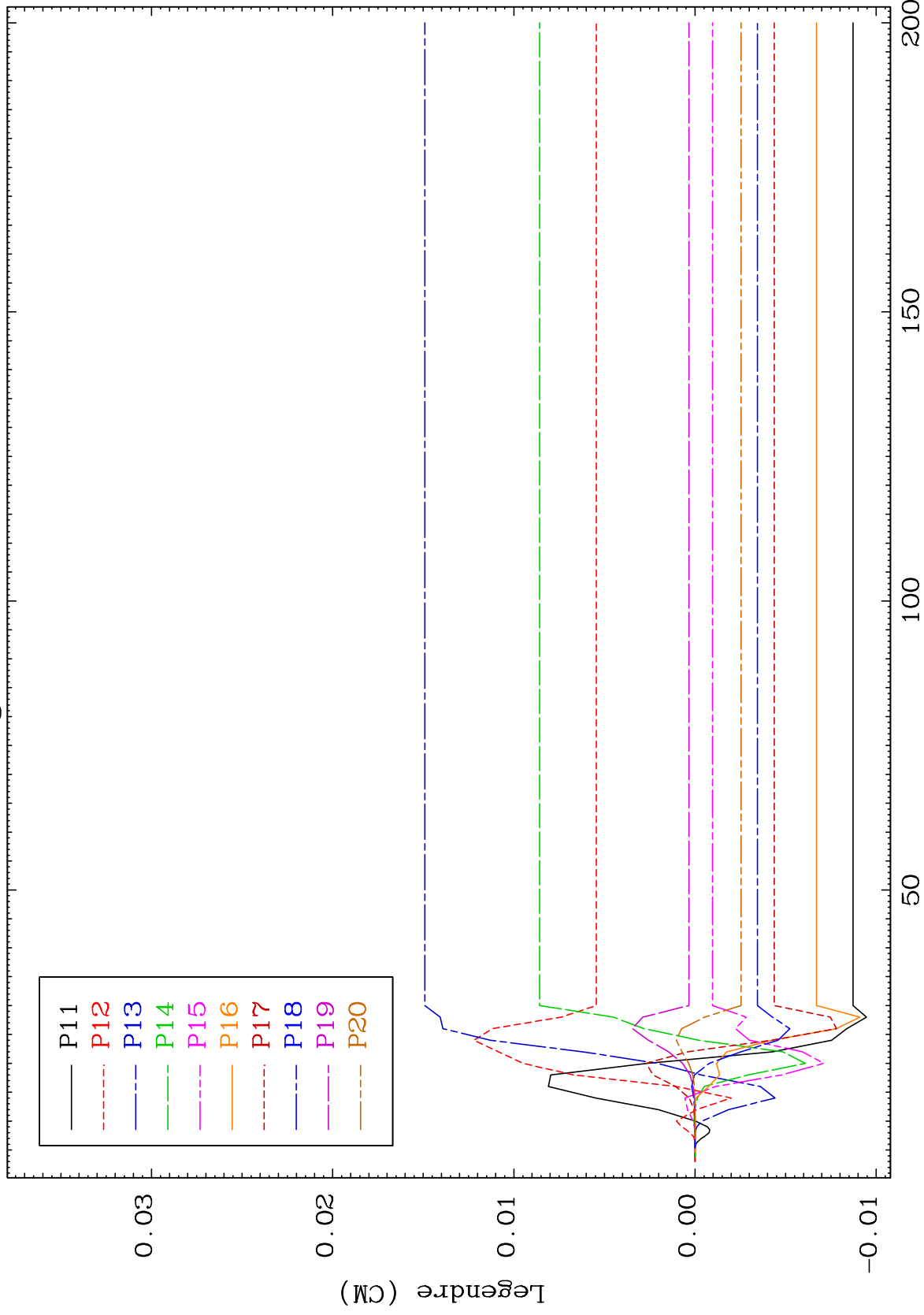
82-Pb-202



MAT 8219

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

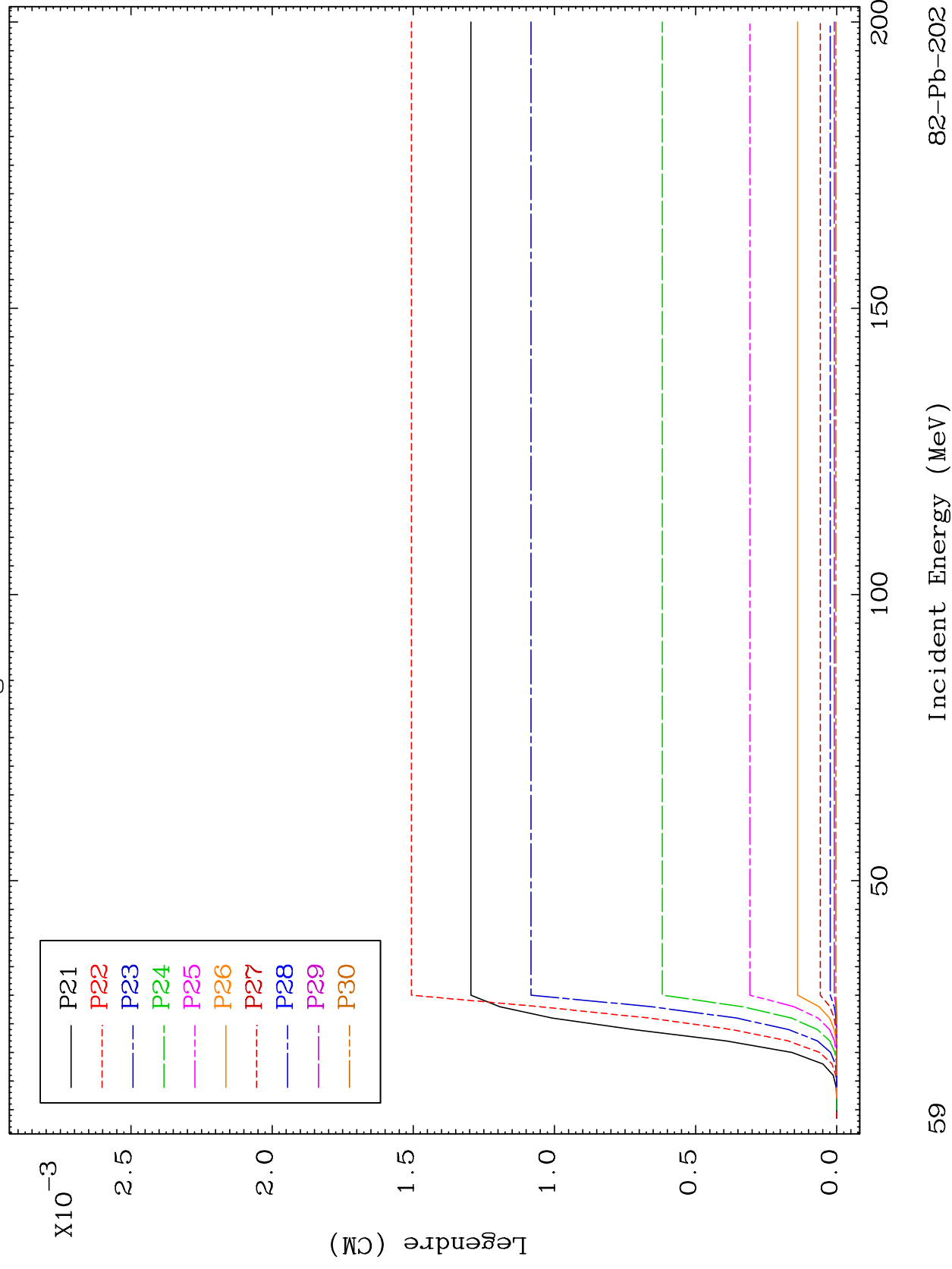
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58

Incident Energy (MeV)

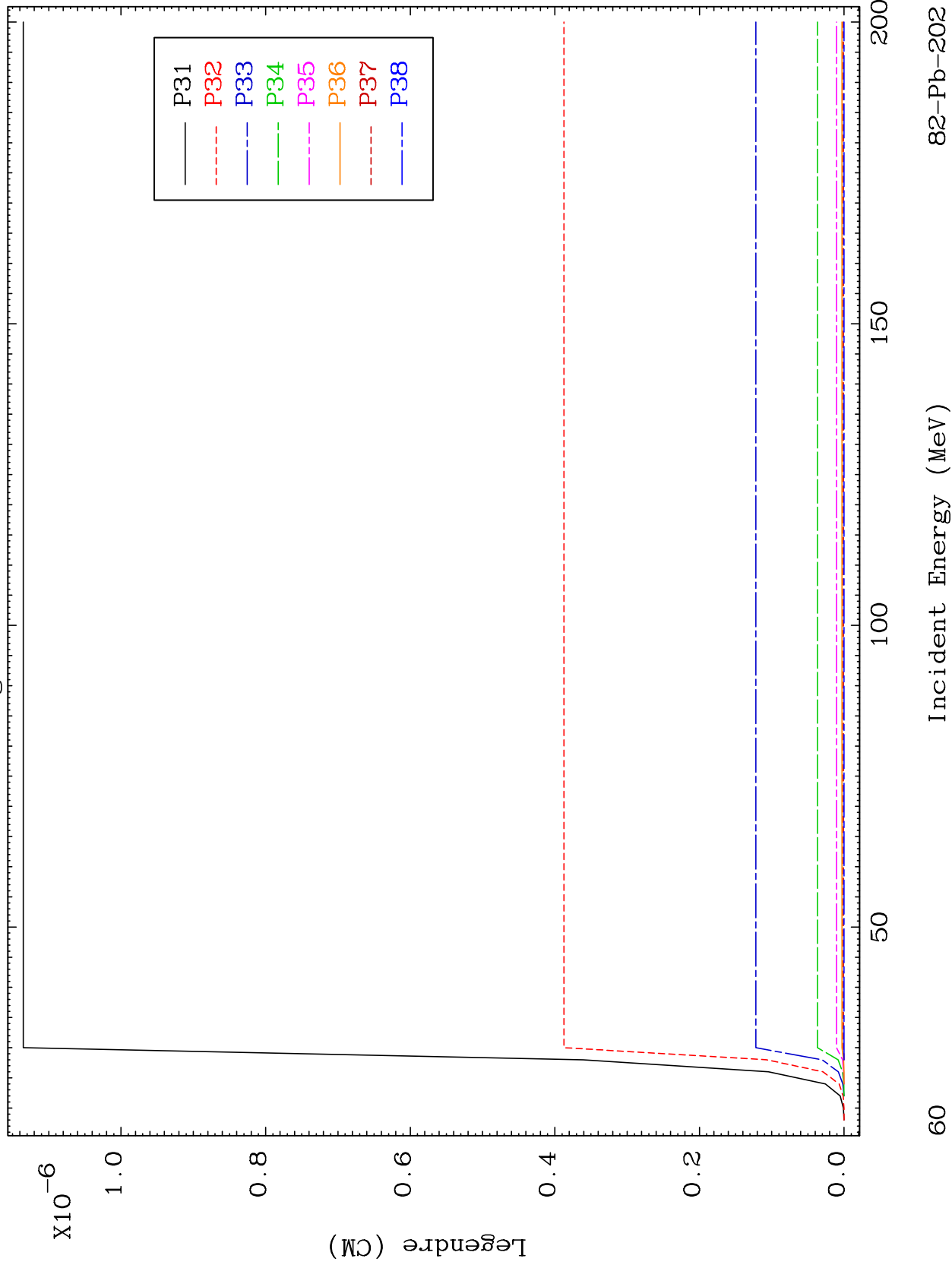
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MAT 8219

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

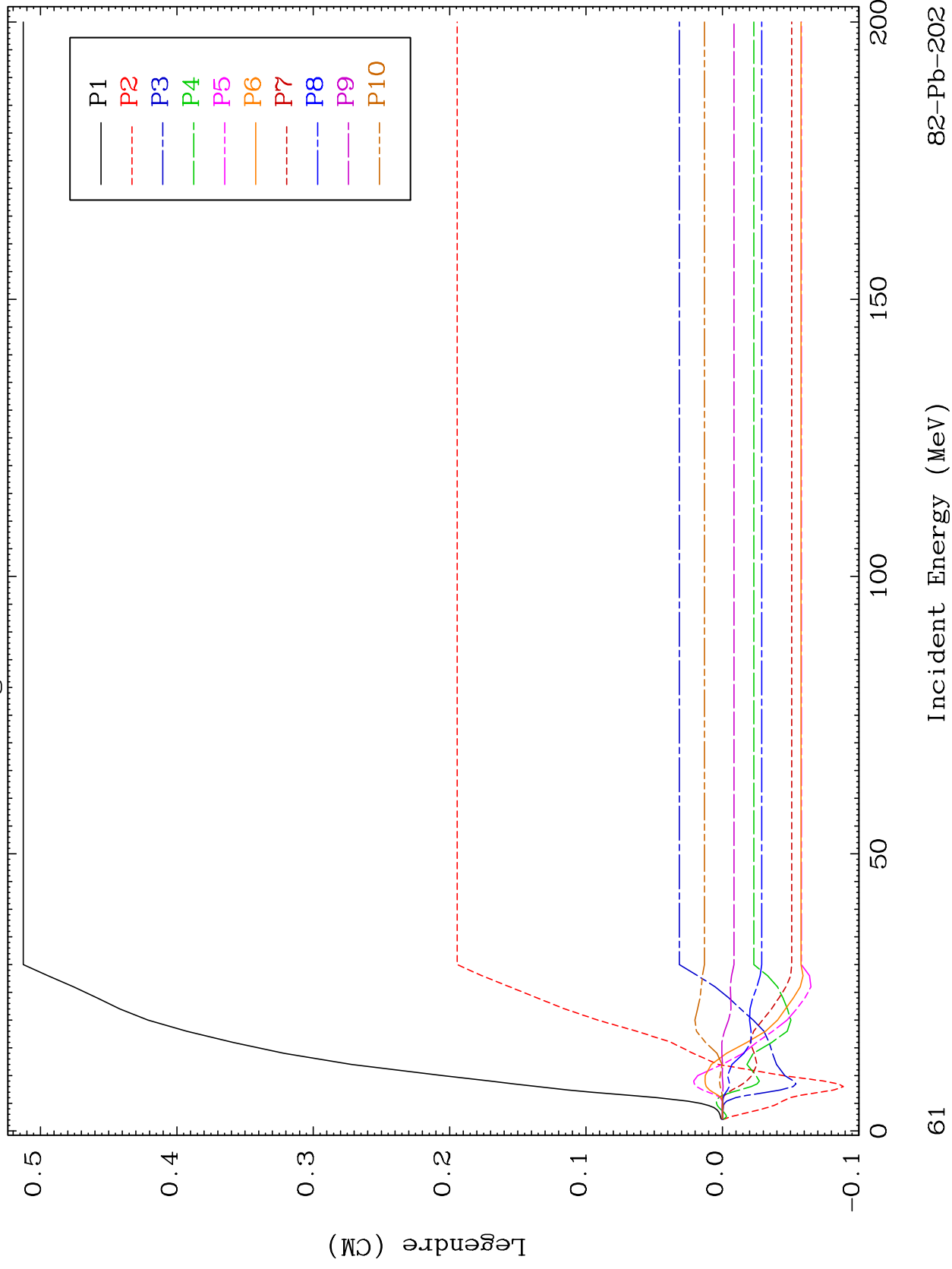
82-Pb-202



MAT 8219

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

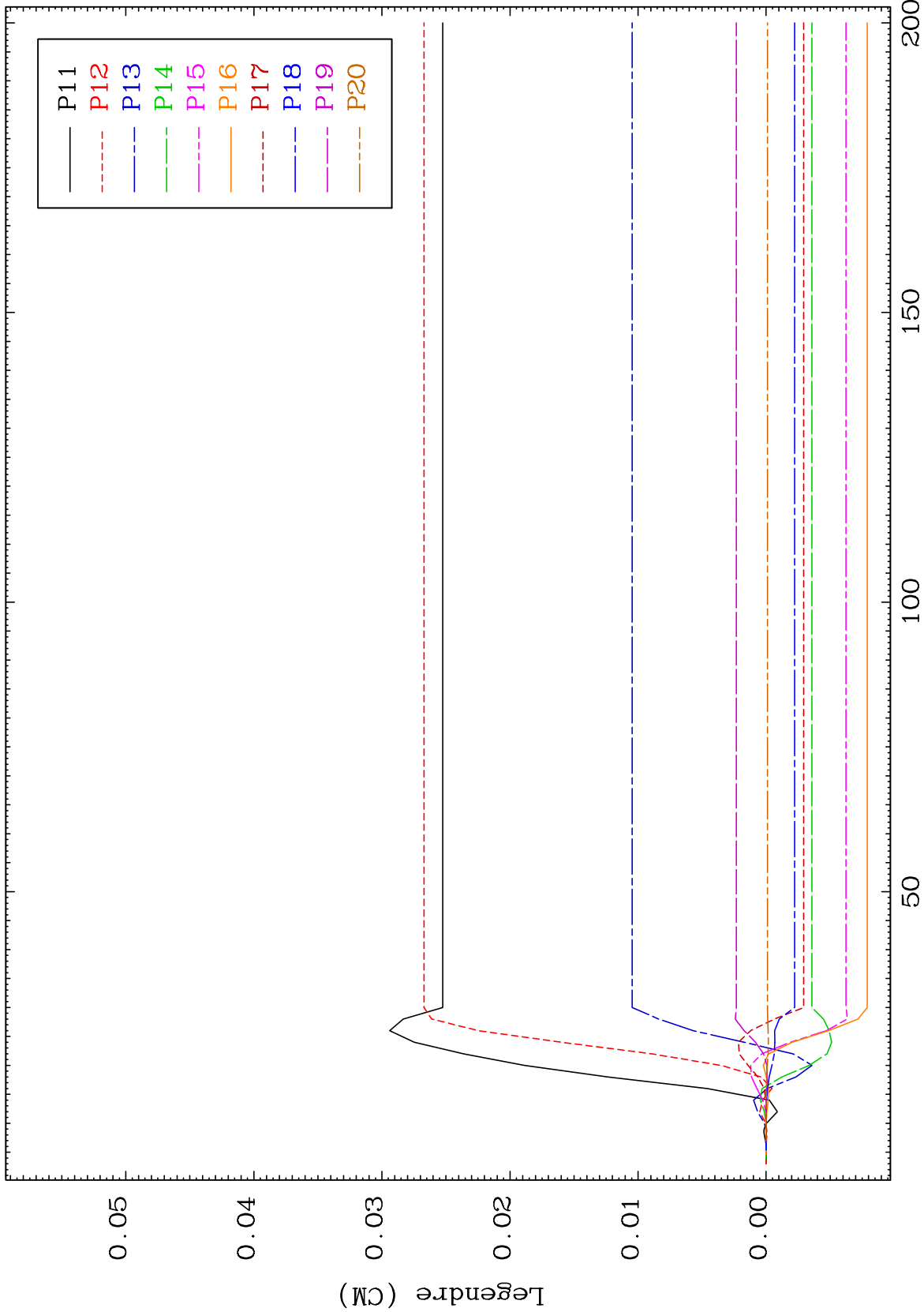
82-Pb-202



MAT 8219

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

82-Pb-202



62

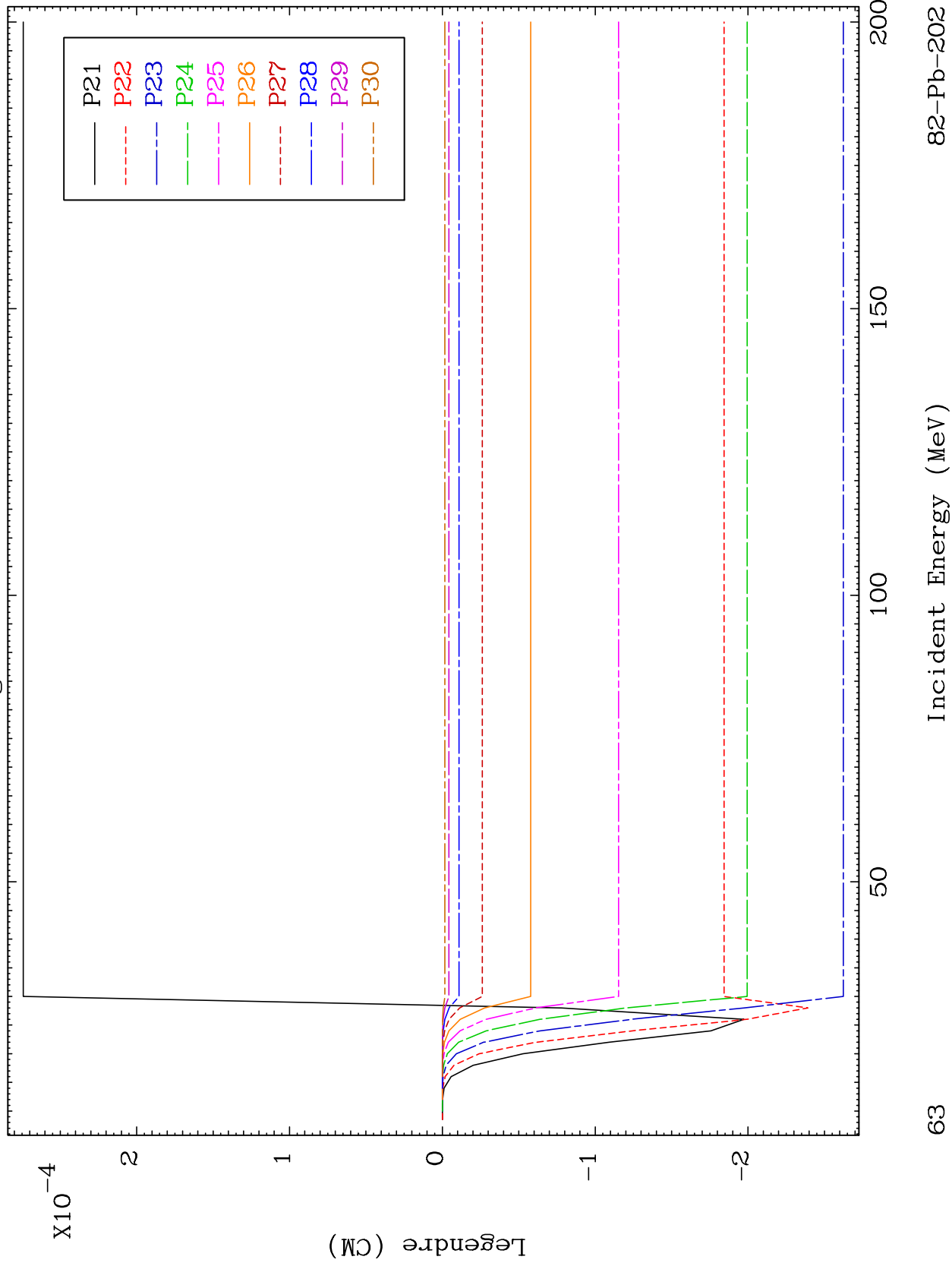
Incident Energy (MeV)

82-Pb-202

MAT 8219

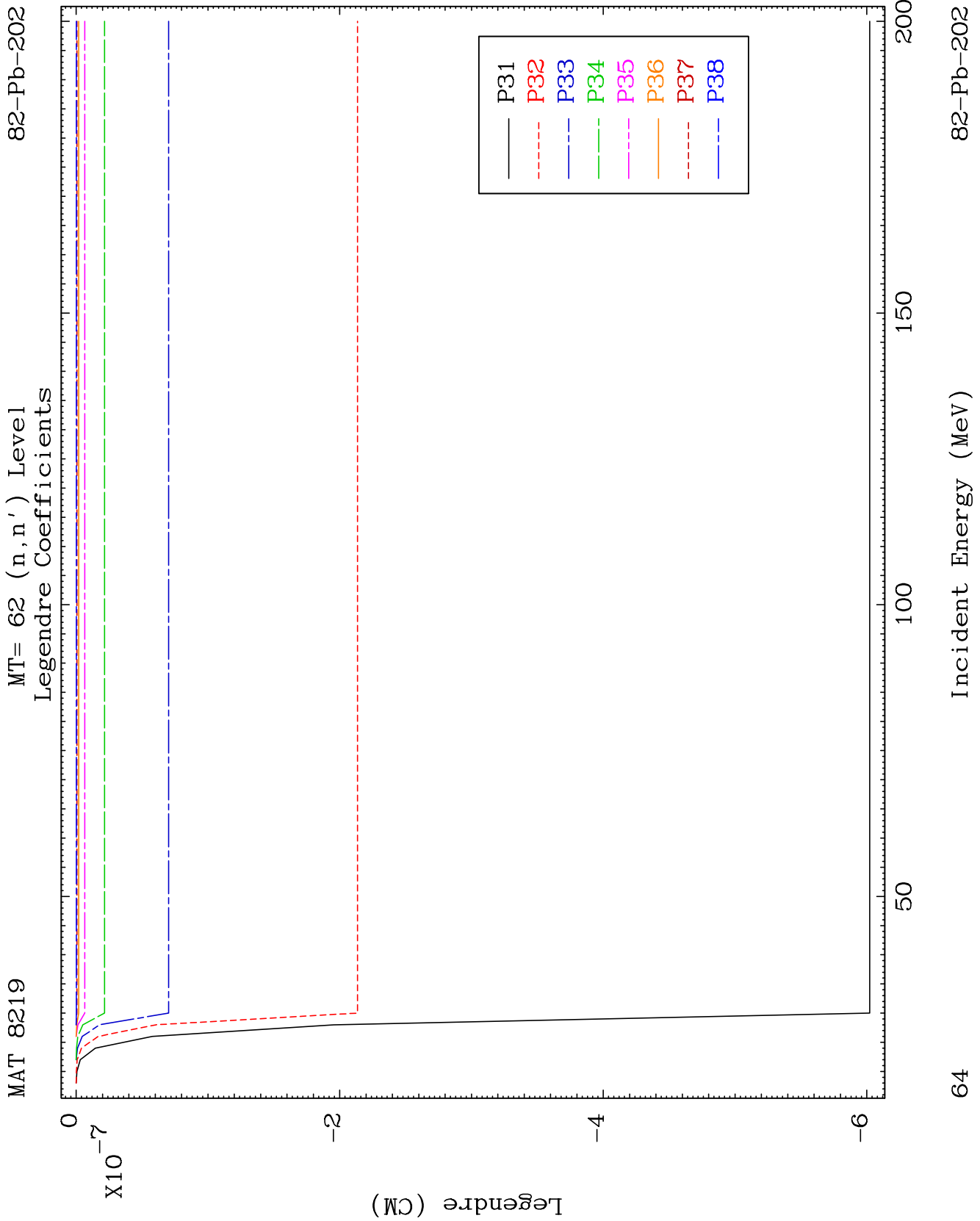
MT= 62 (n,n') Level  
Legendre Coefficients

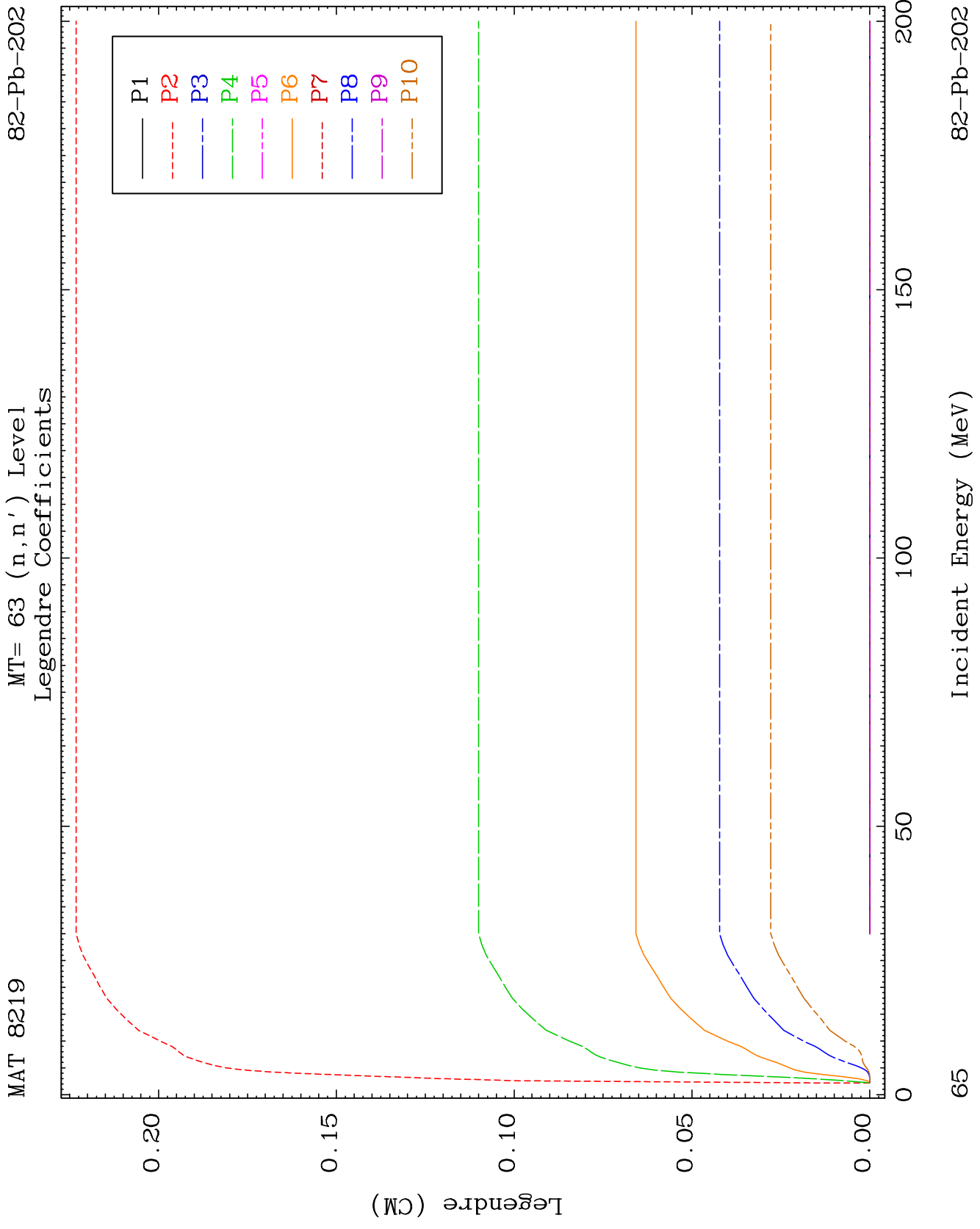
82-Pb-202



63

82-Pb-202

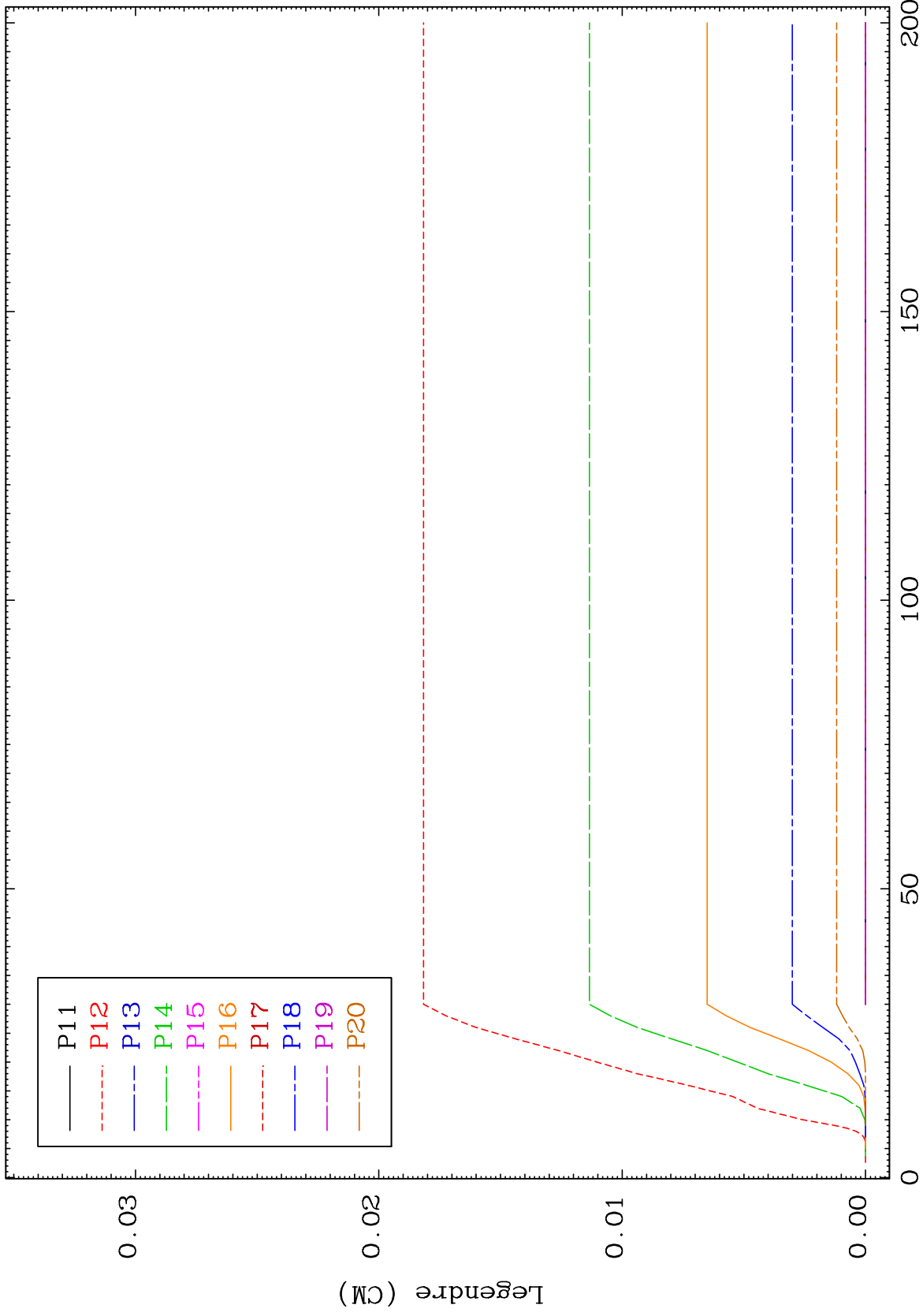




MAT 8219

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

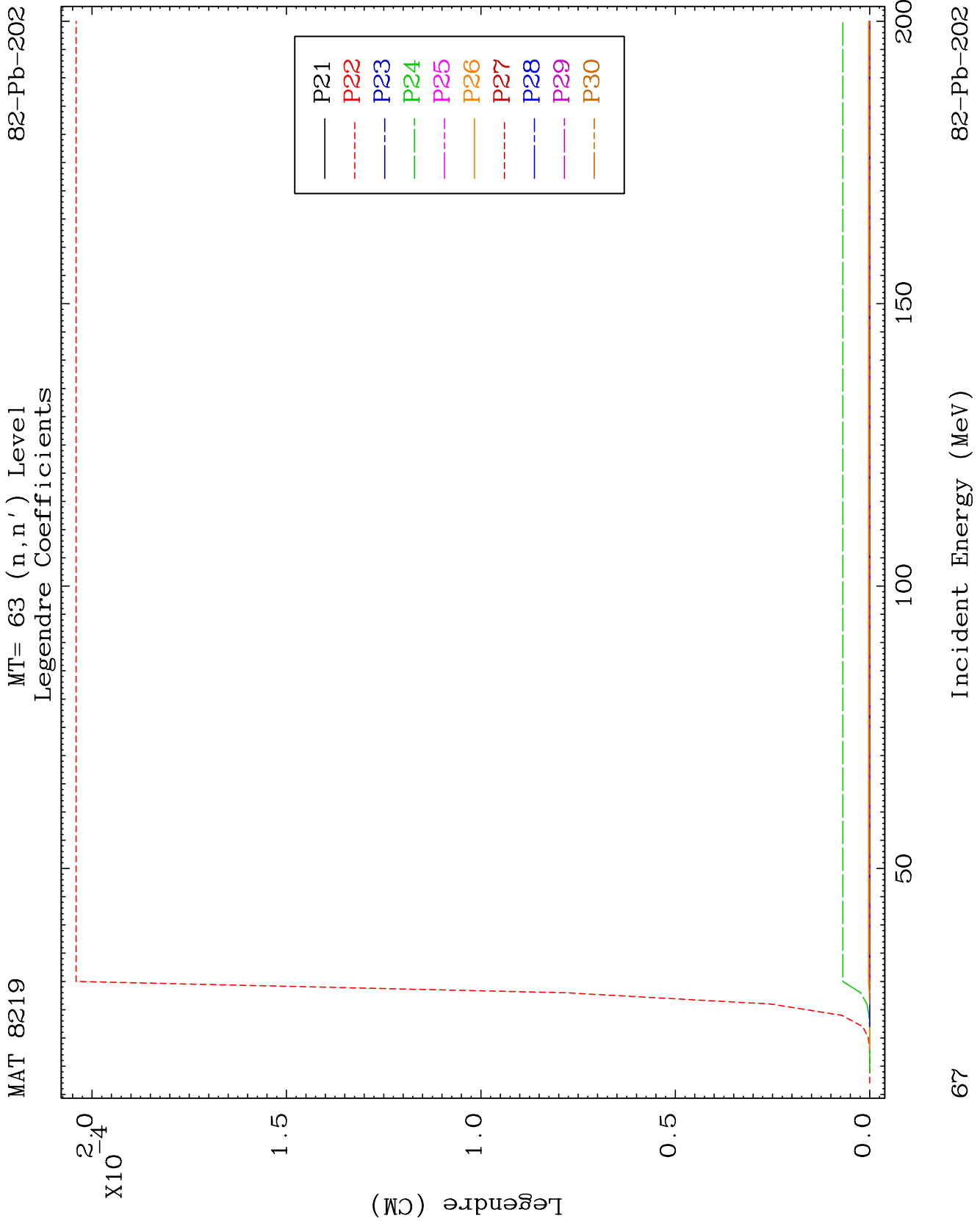
82-Pb-202



66

Incident Energy (MeV)

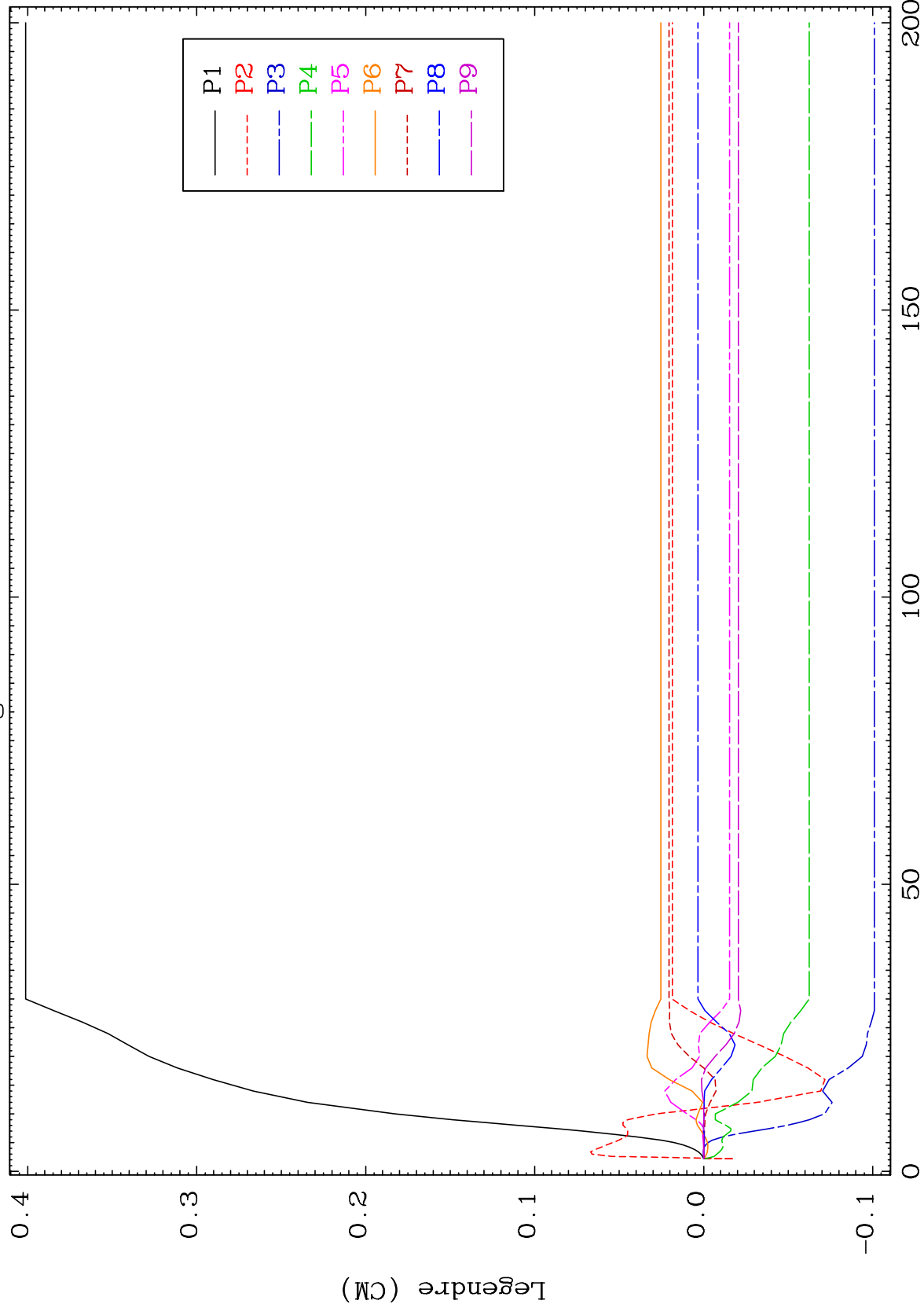
82-Pb-202



MAT 8219

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

82-Pb-202



68

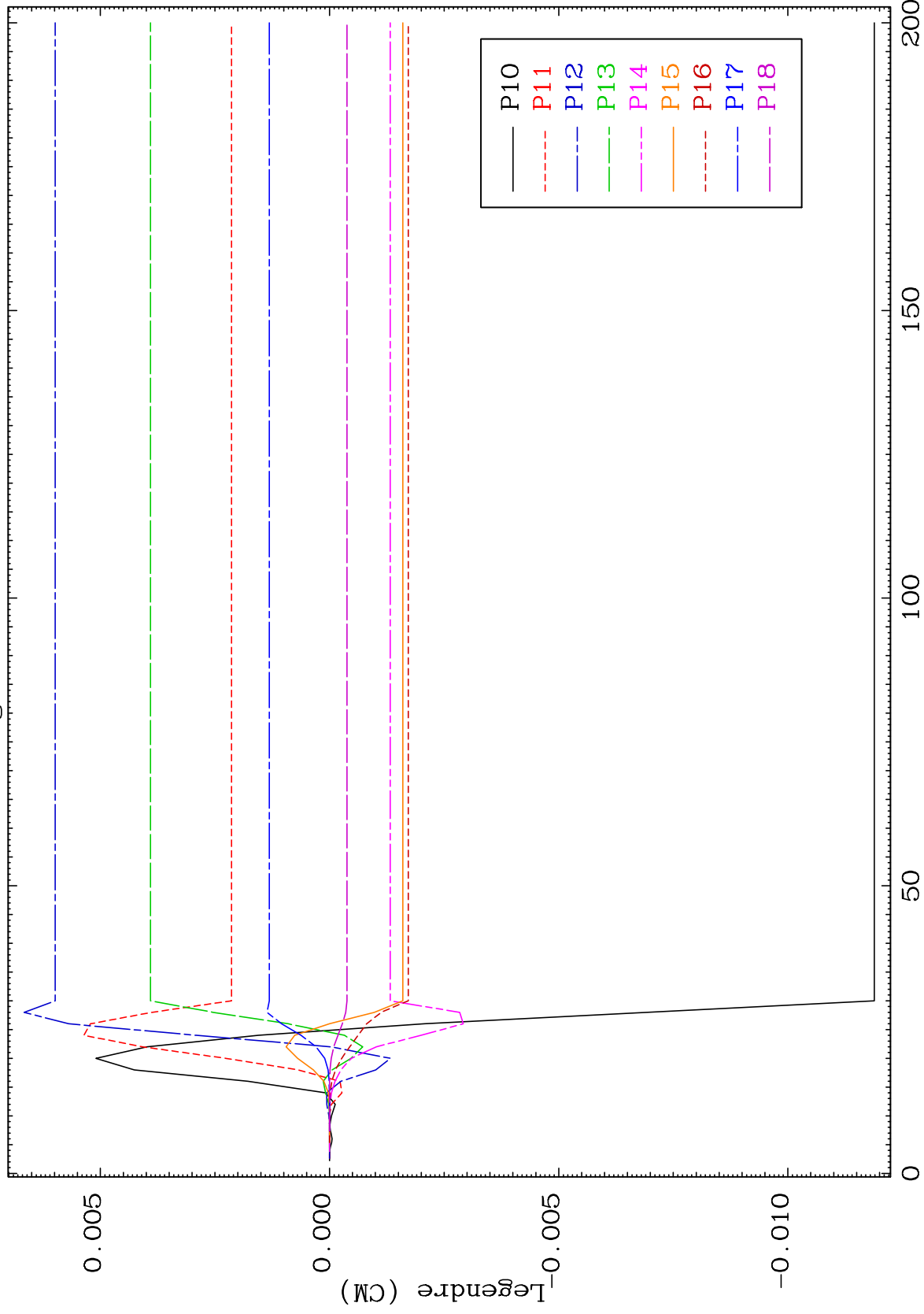
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



69

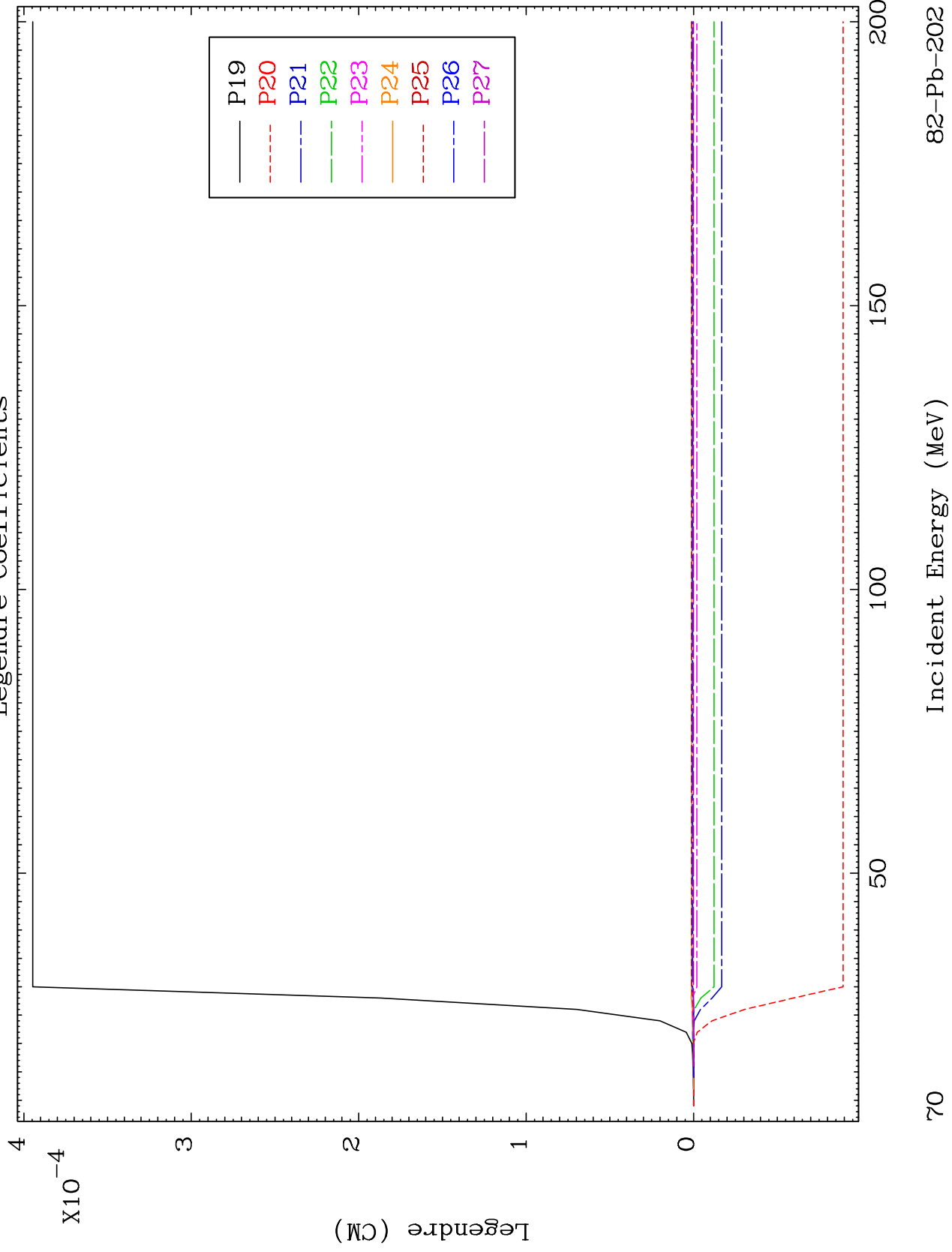
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

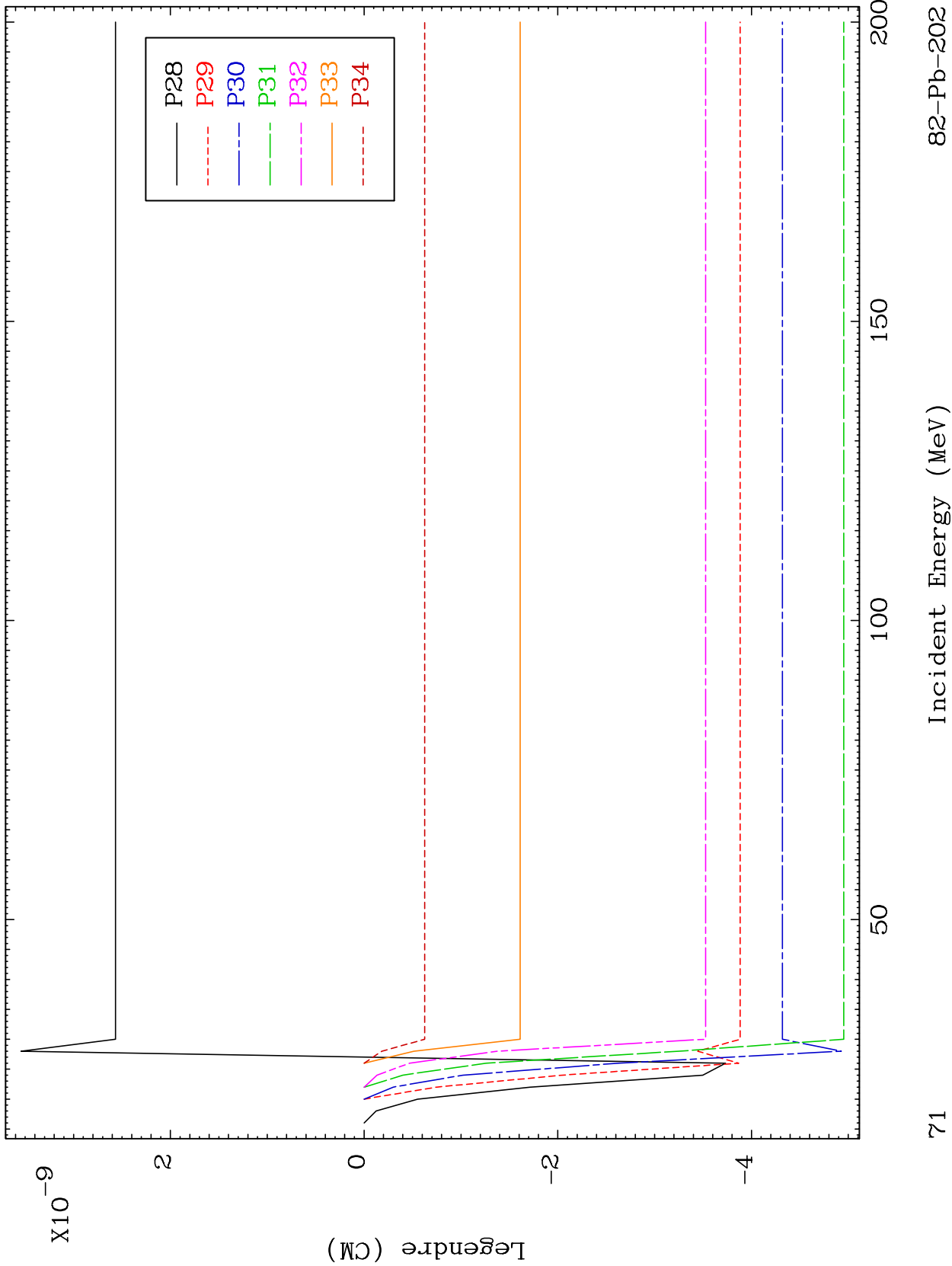
82-Pb-202

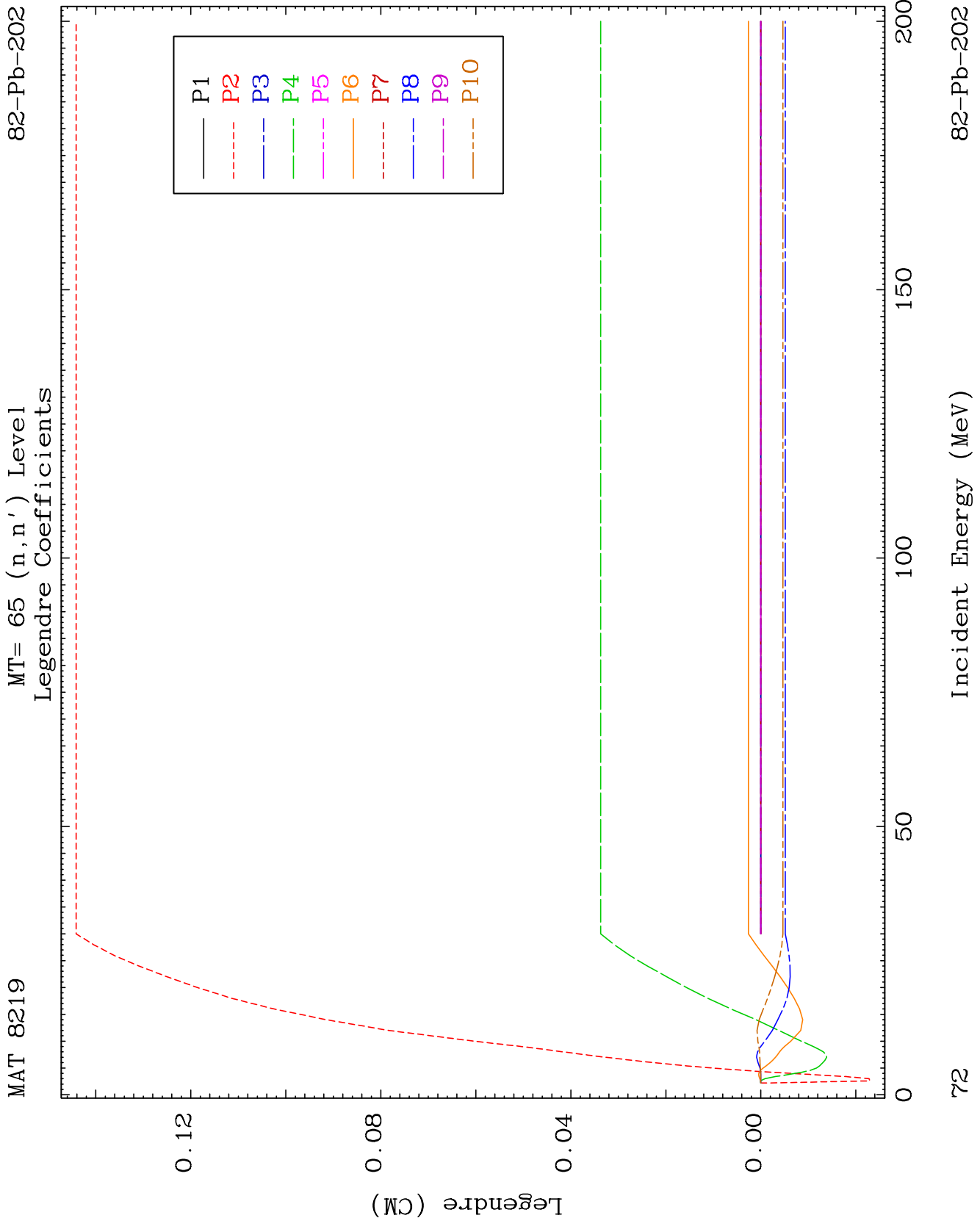


MAT 8219

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

82-Pb-202

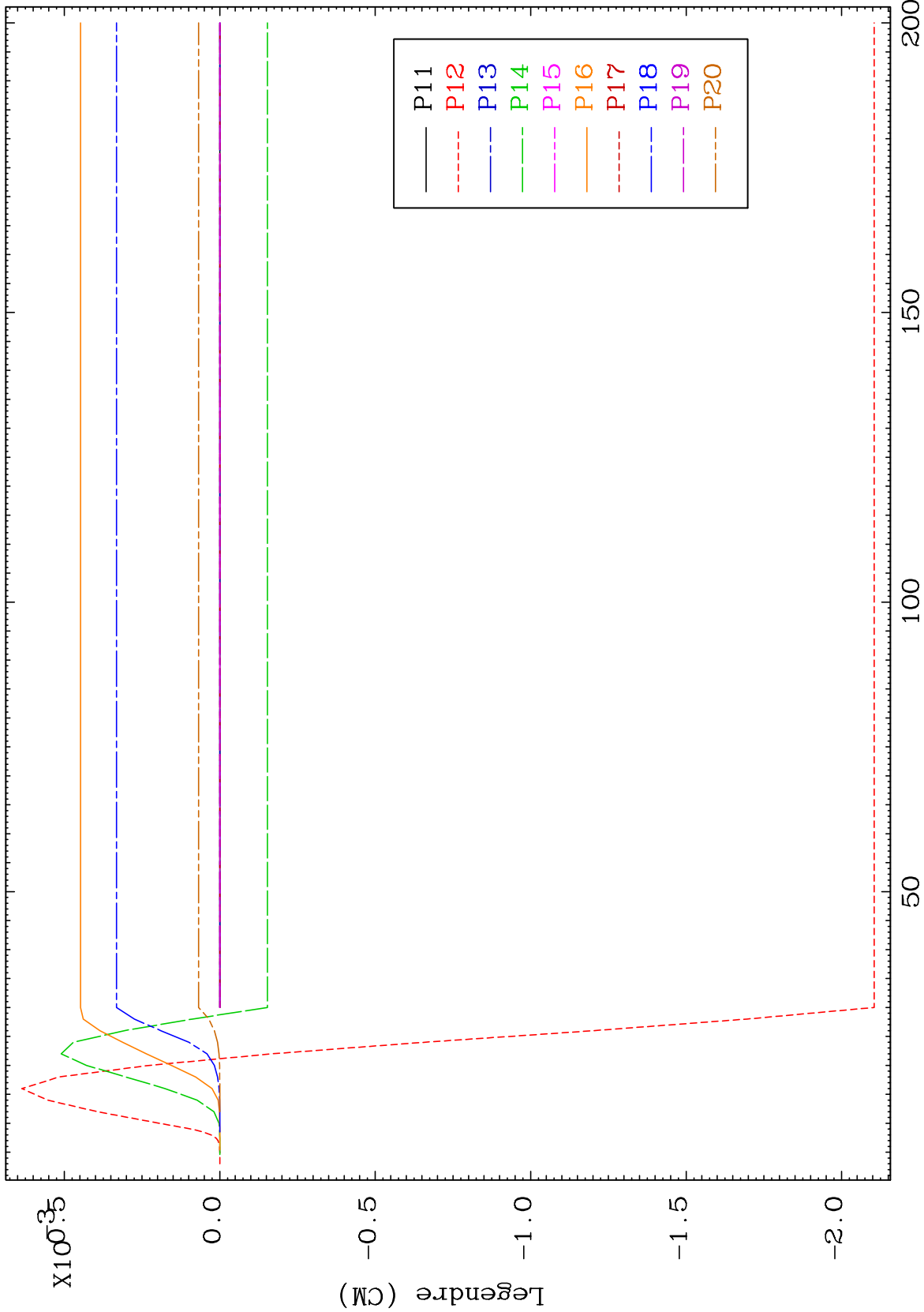




MAT 8219

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

82-Pb-202



73

Incident Energy (MeV)

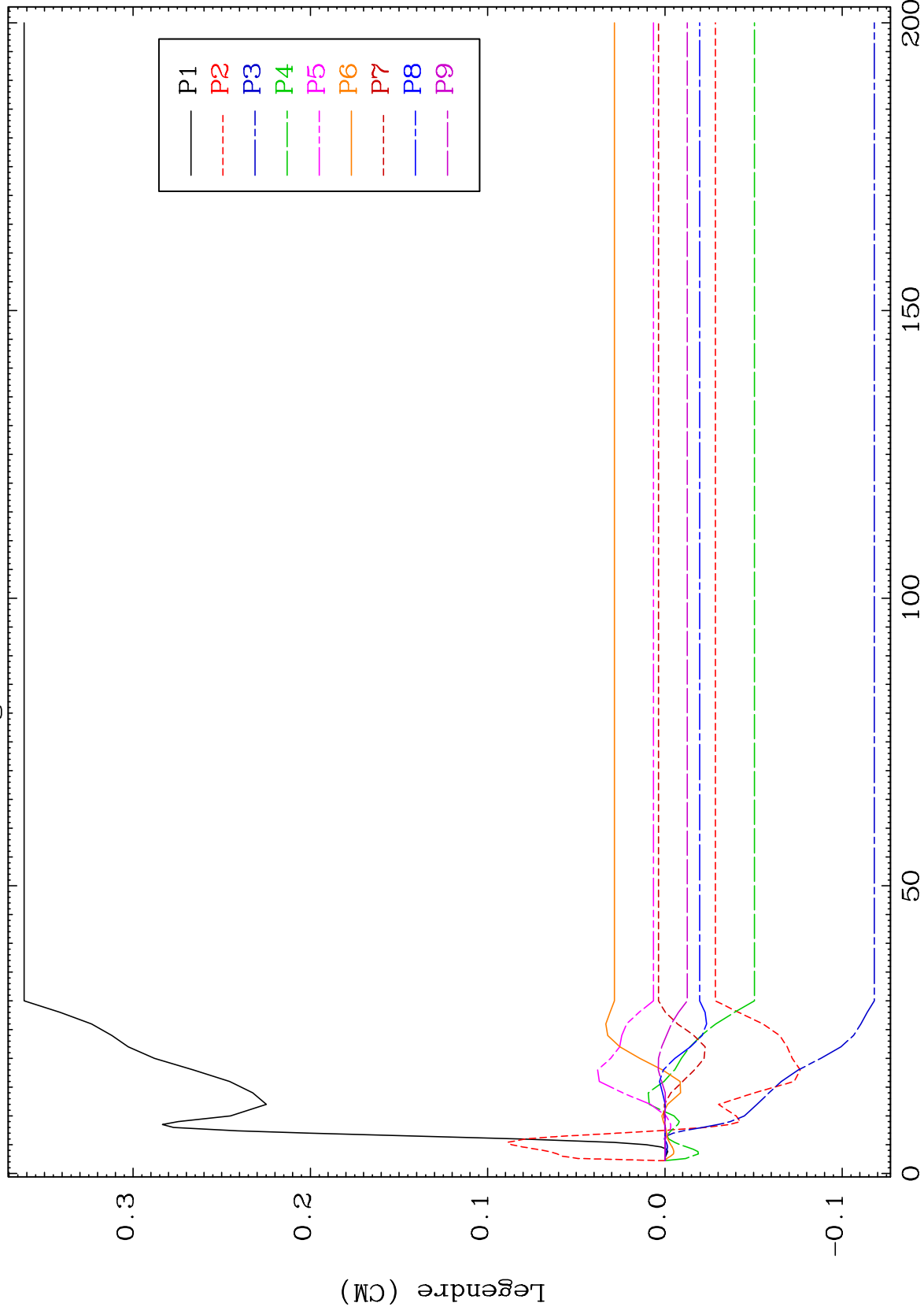
82-Pb-202



MAT 8219

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

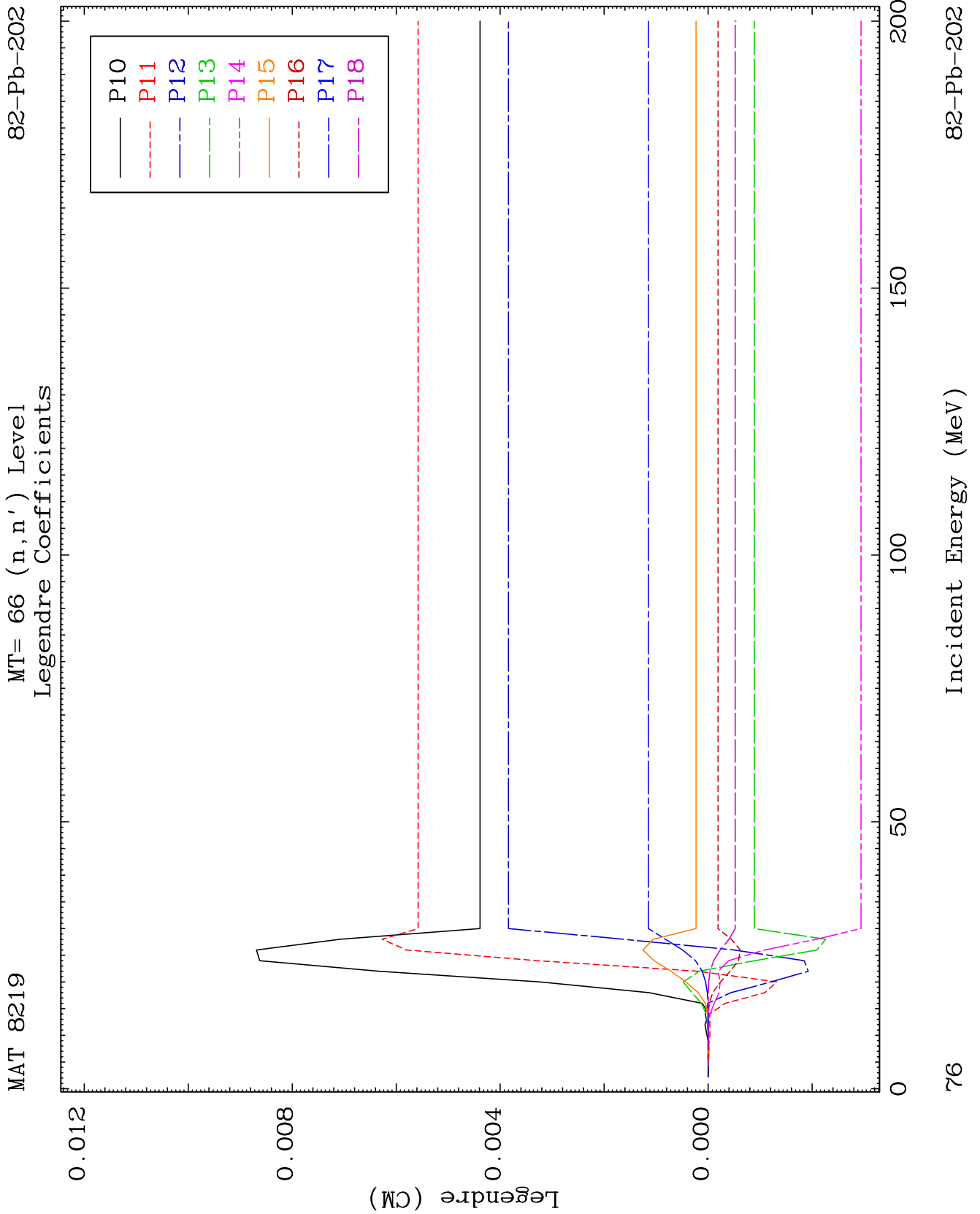
82-Pb-202



75

Incident Energy (MeV)

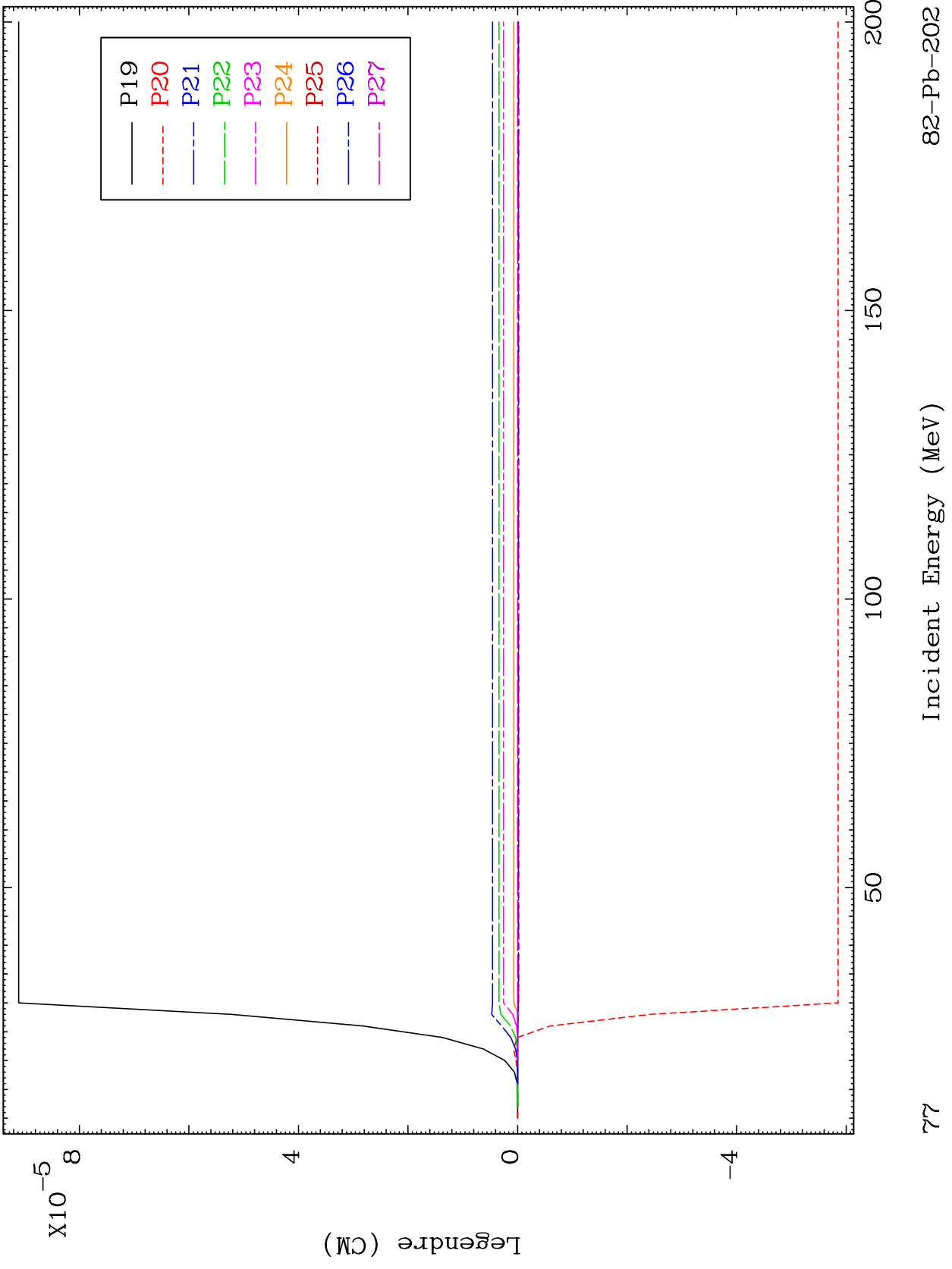
82-Pb-202

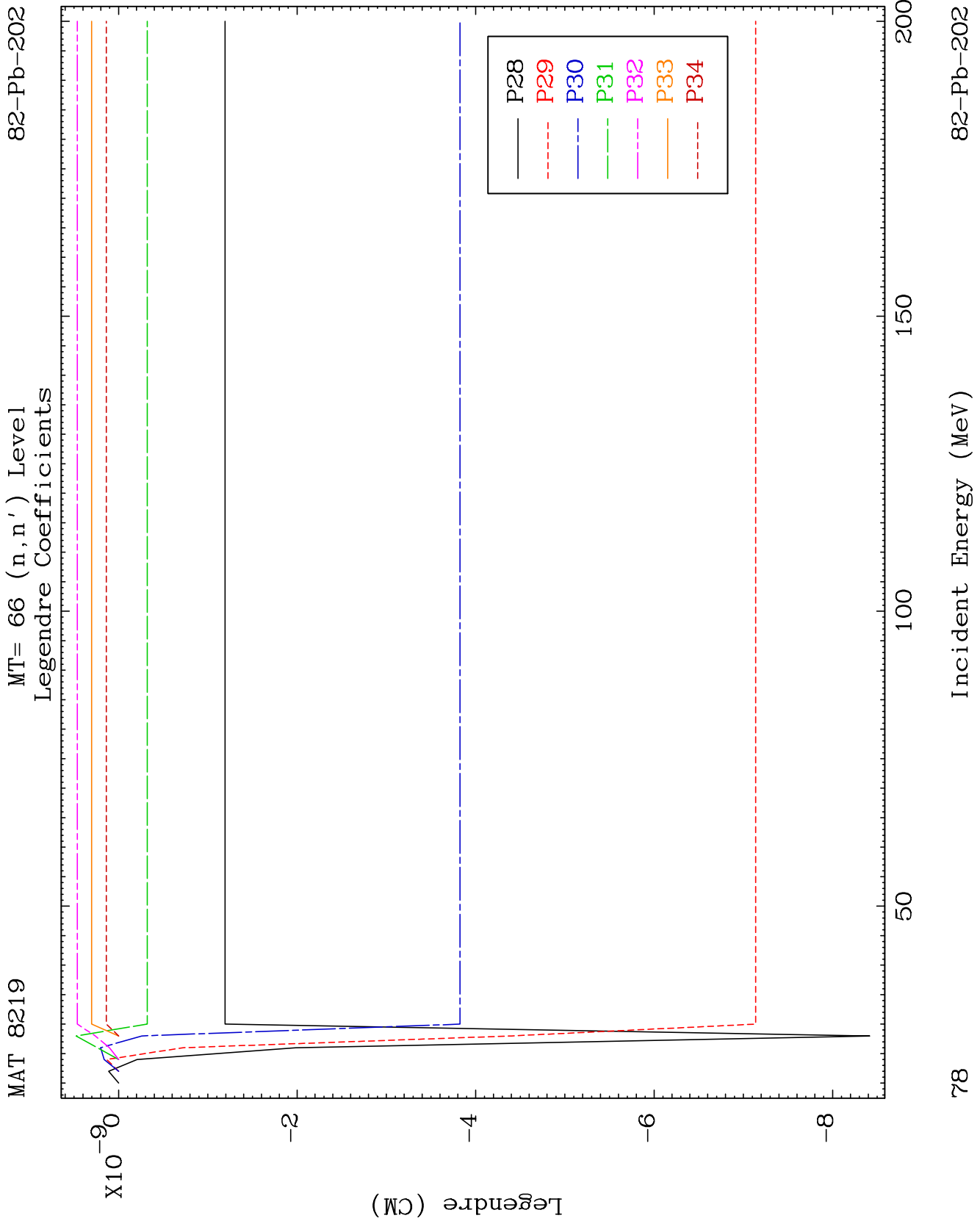


MAT 8219

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

82-Pb-202

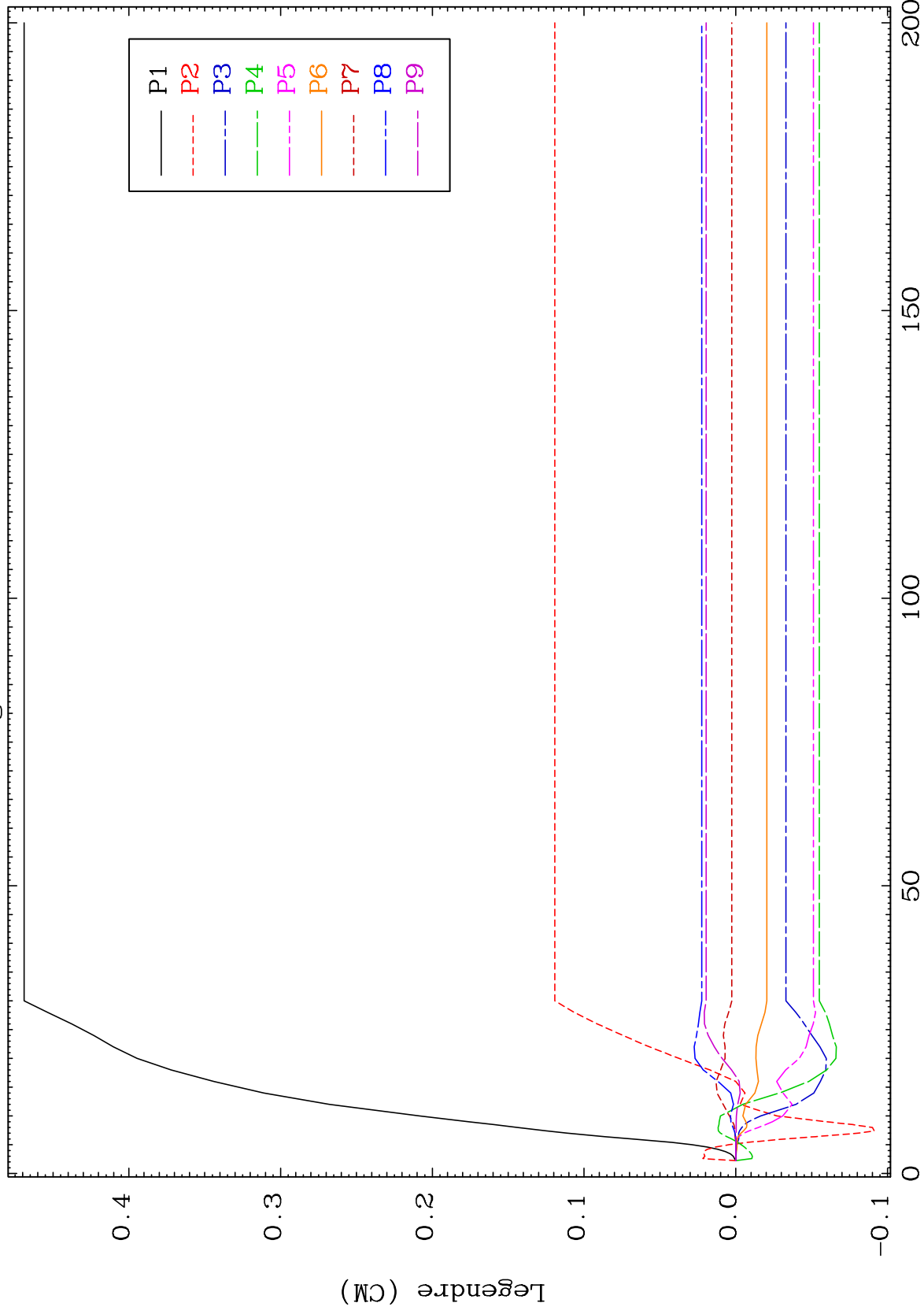




MAT 8219

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

82-Pb-202



79

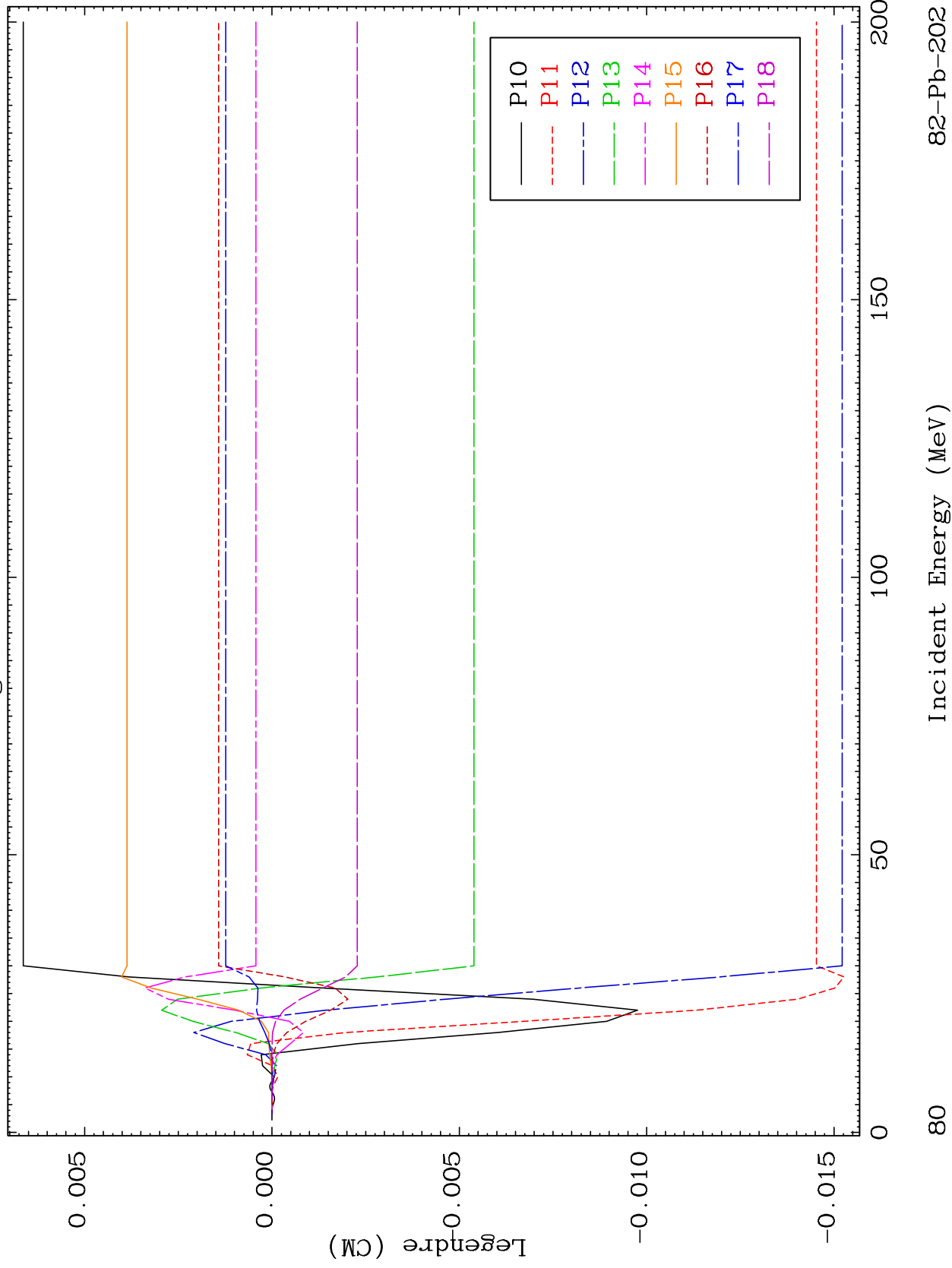
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



82-Pb-202

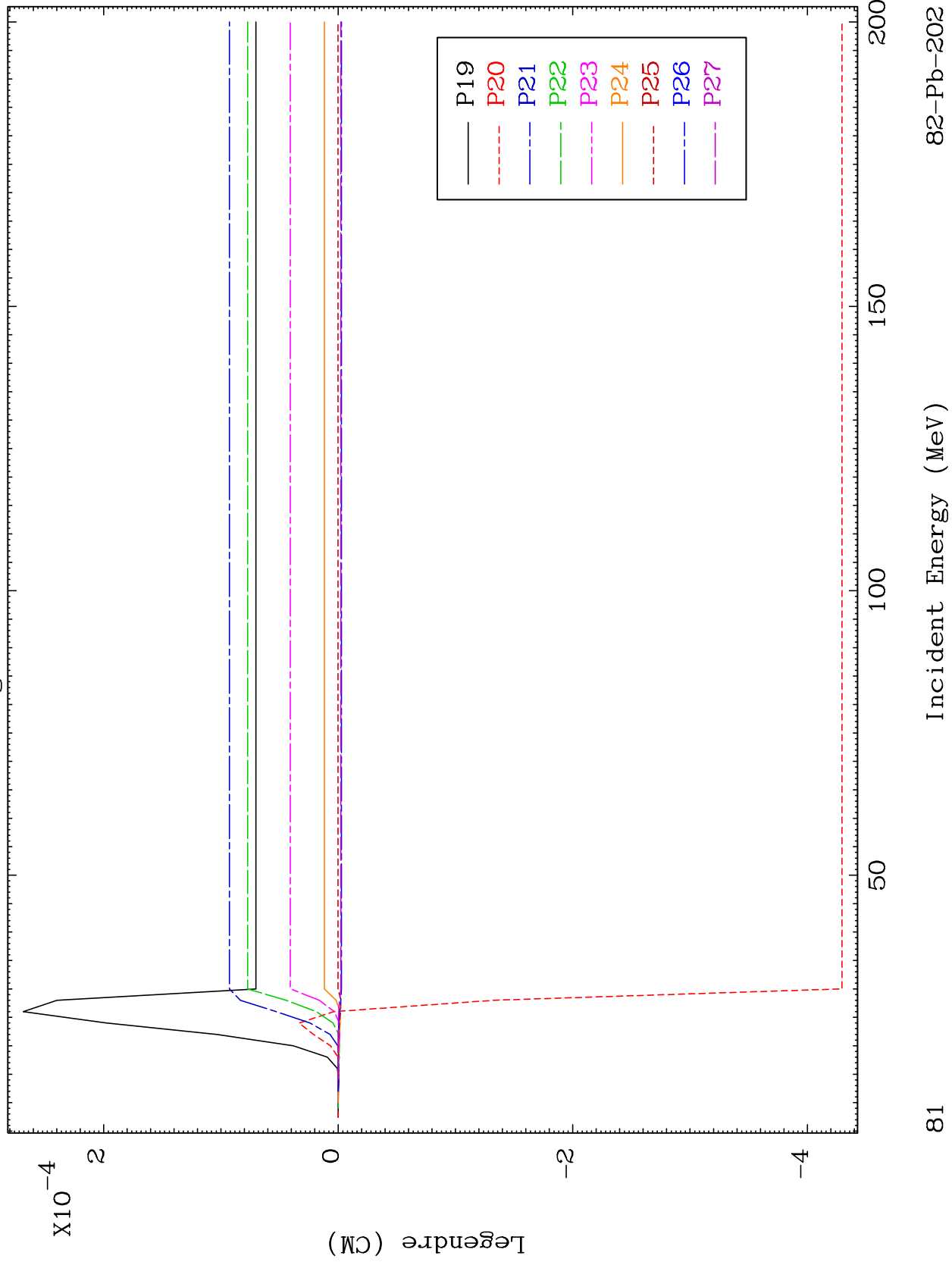
Incident Energy (MeV)

80

MAT 8219

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

82-Pb-202



81

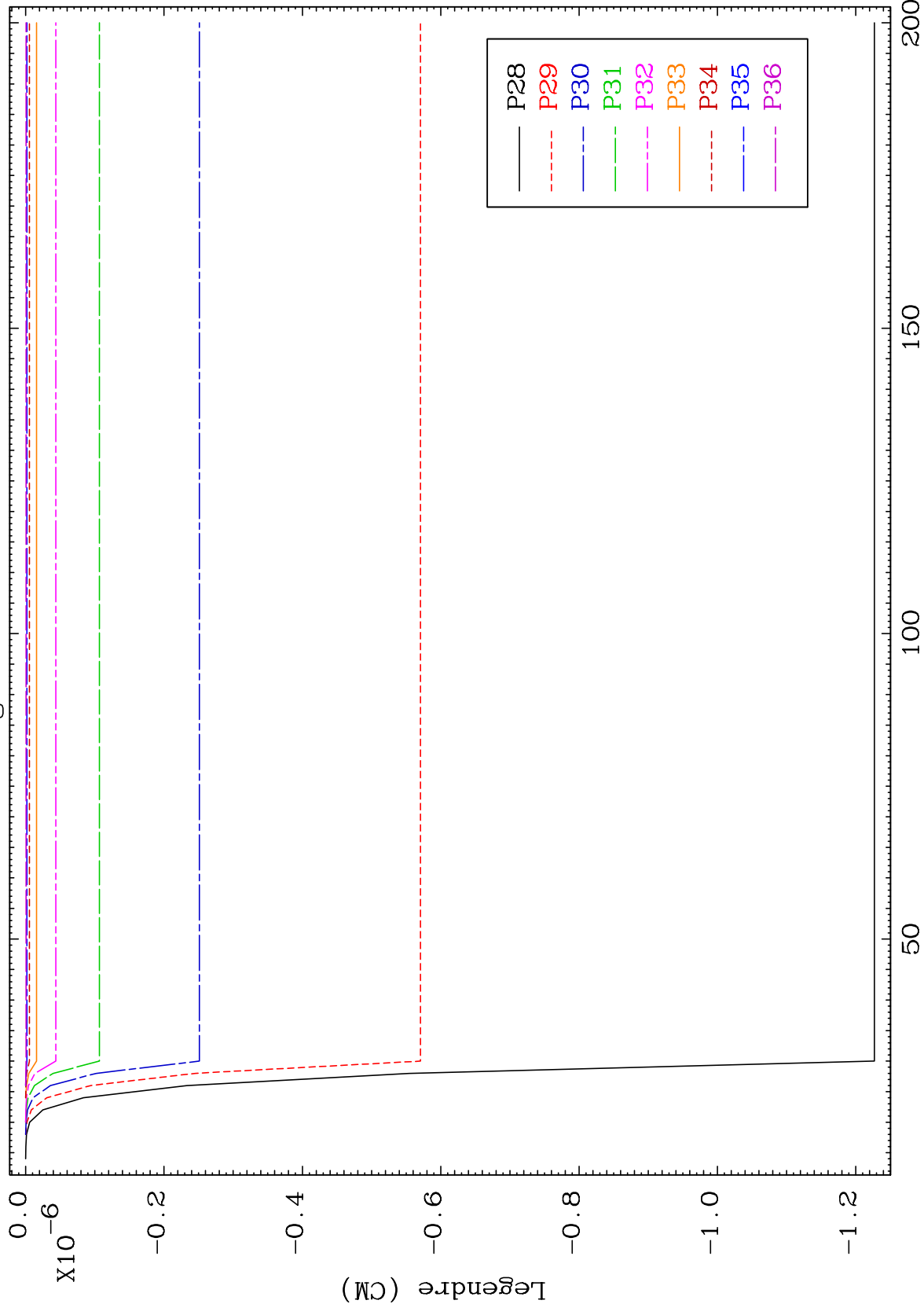
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



82

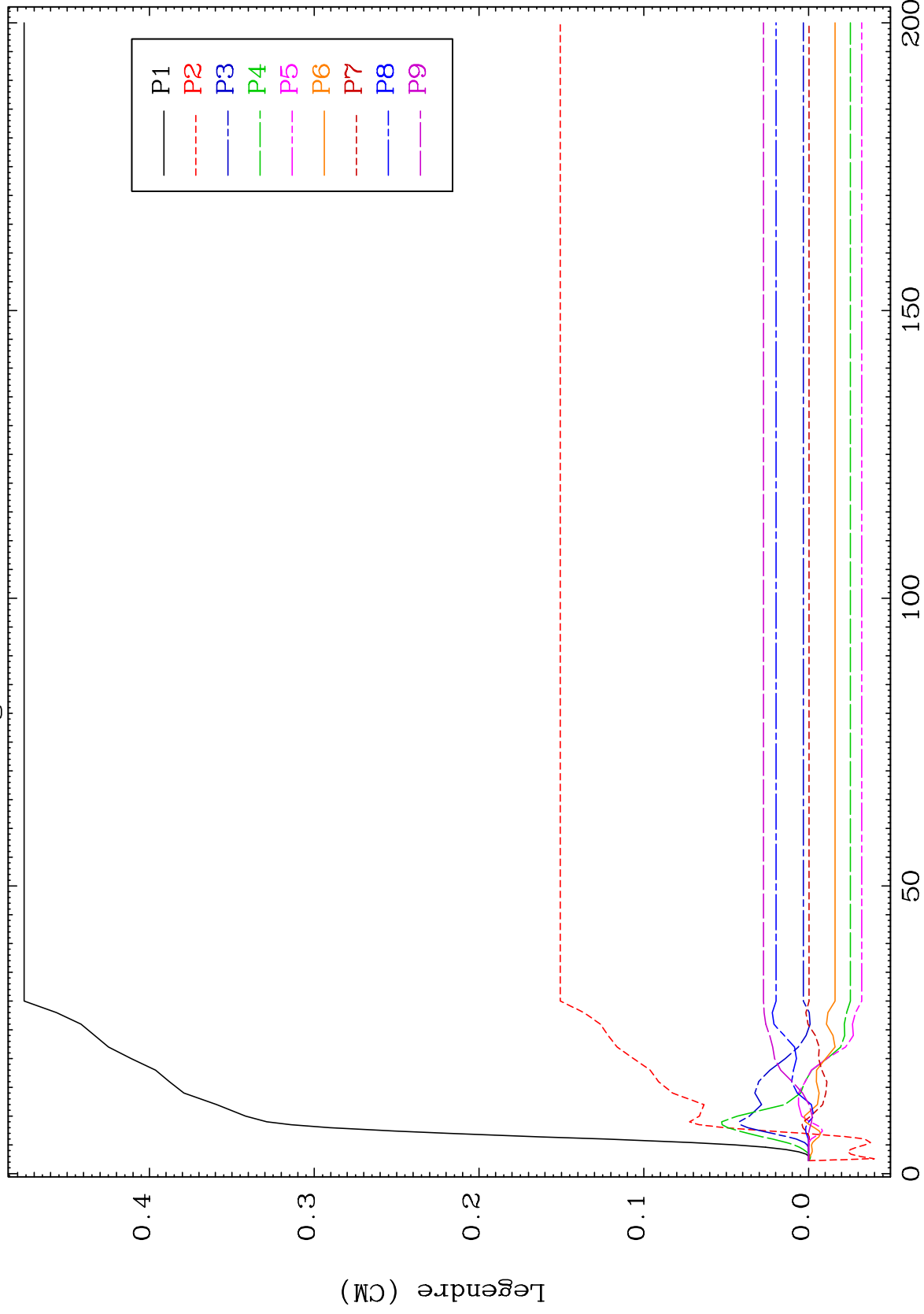
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



83

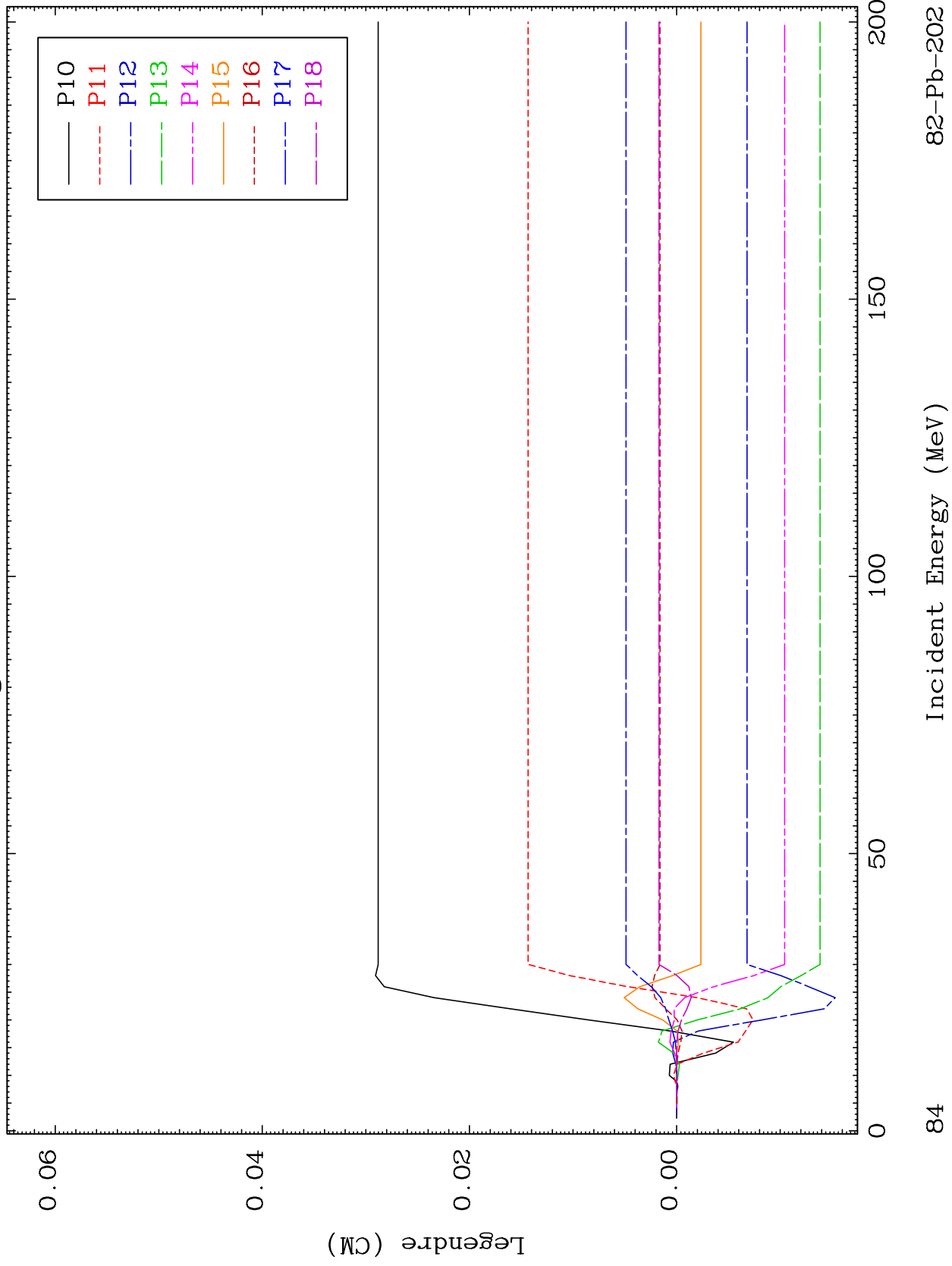
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

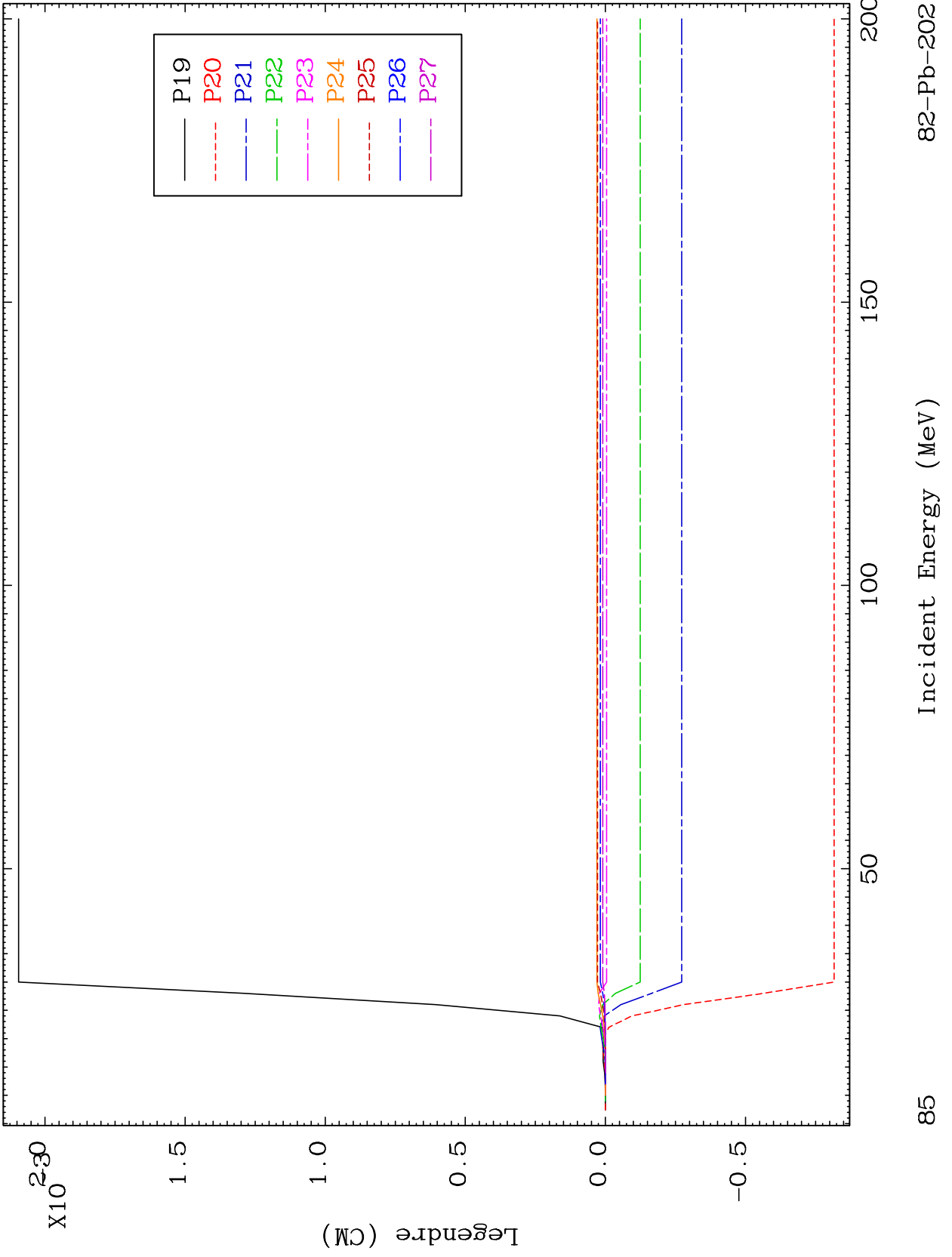
82-Pb-202



MAT 8219

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

82-Pb-202



85

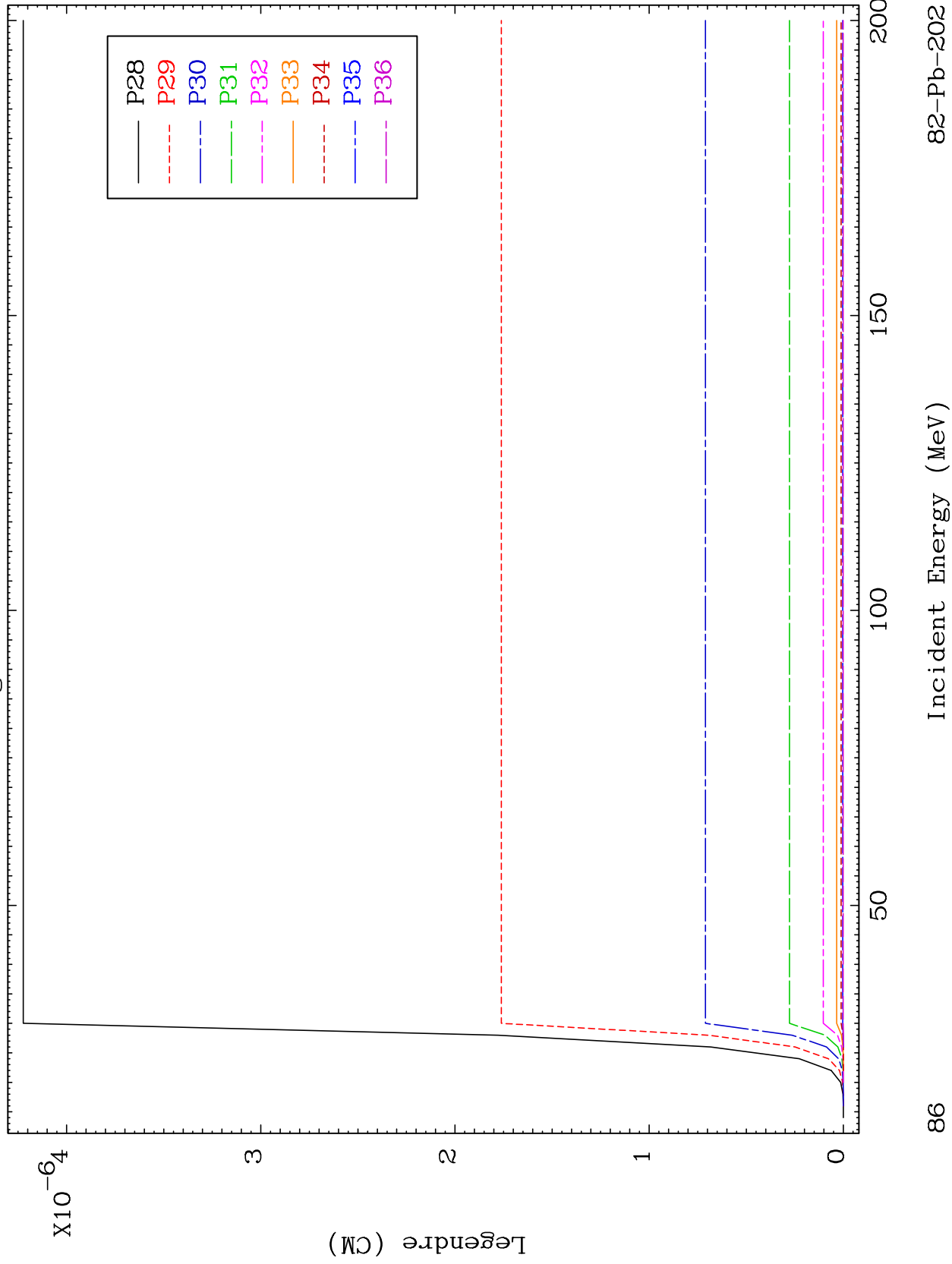
Incident Energy (MeV)

82-Pb-202

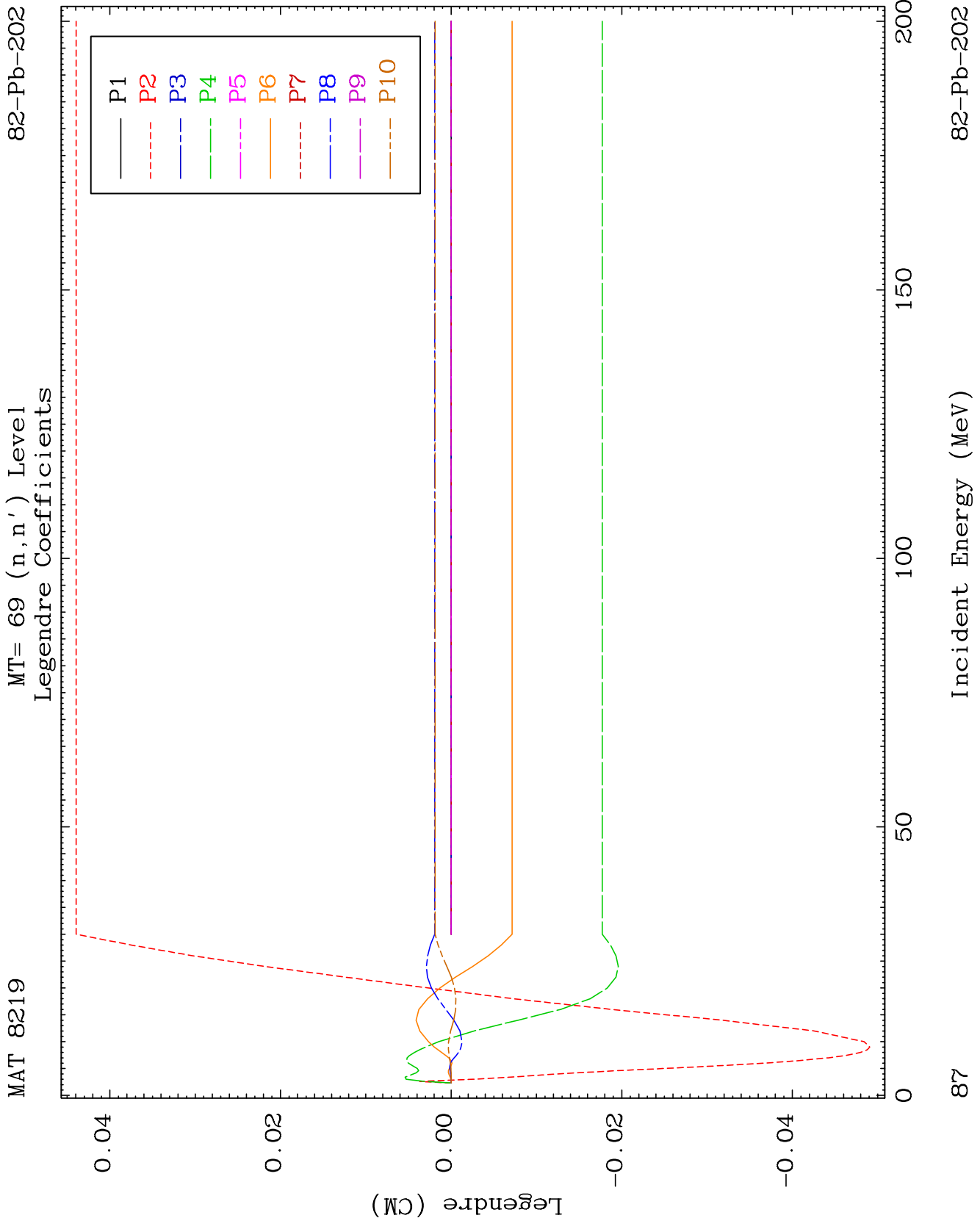
MAT 8219

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

82-Pb-202



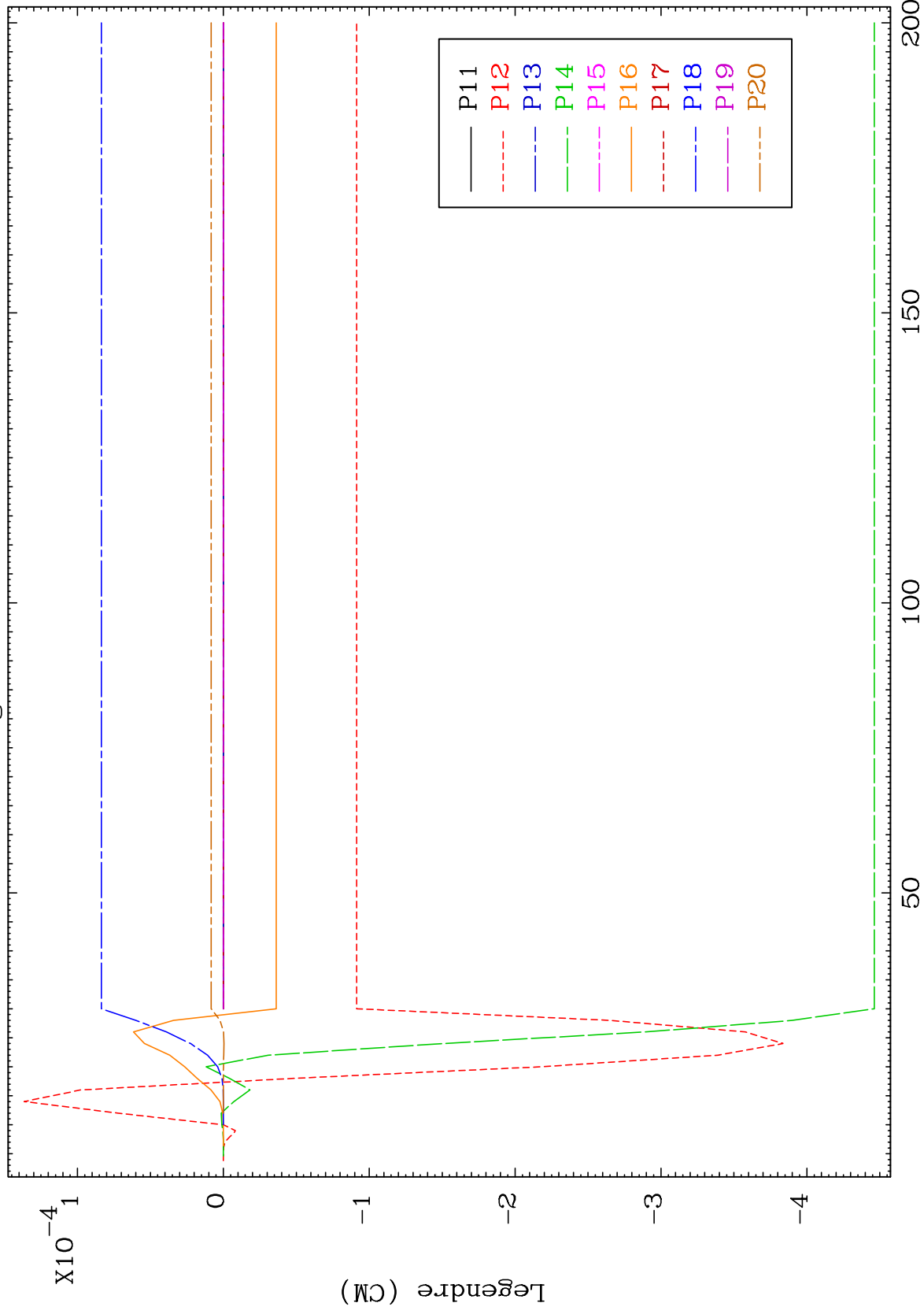
86



MAT 8219

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

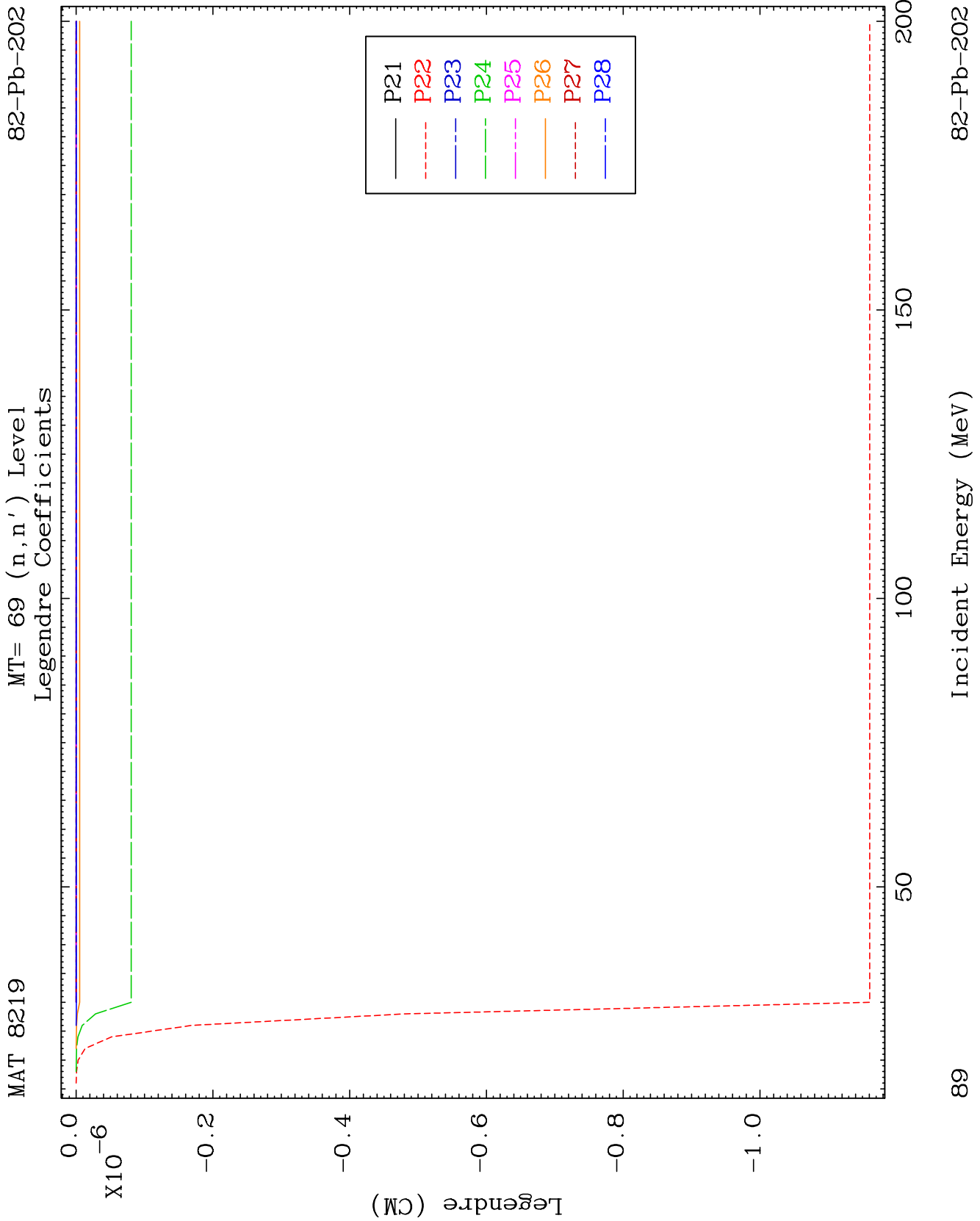
82-Pb-202



88

Incident Energy (MeV)

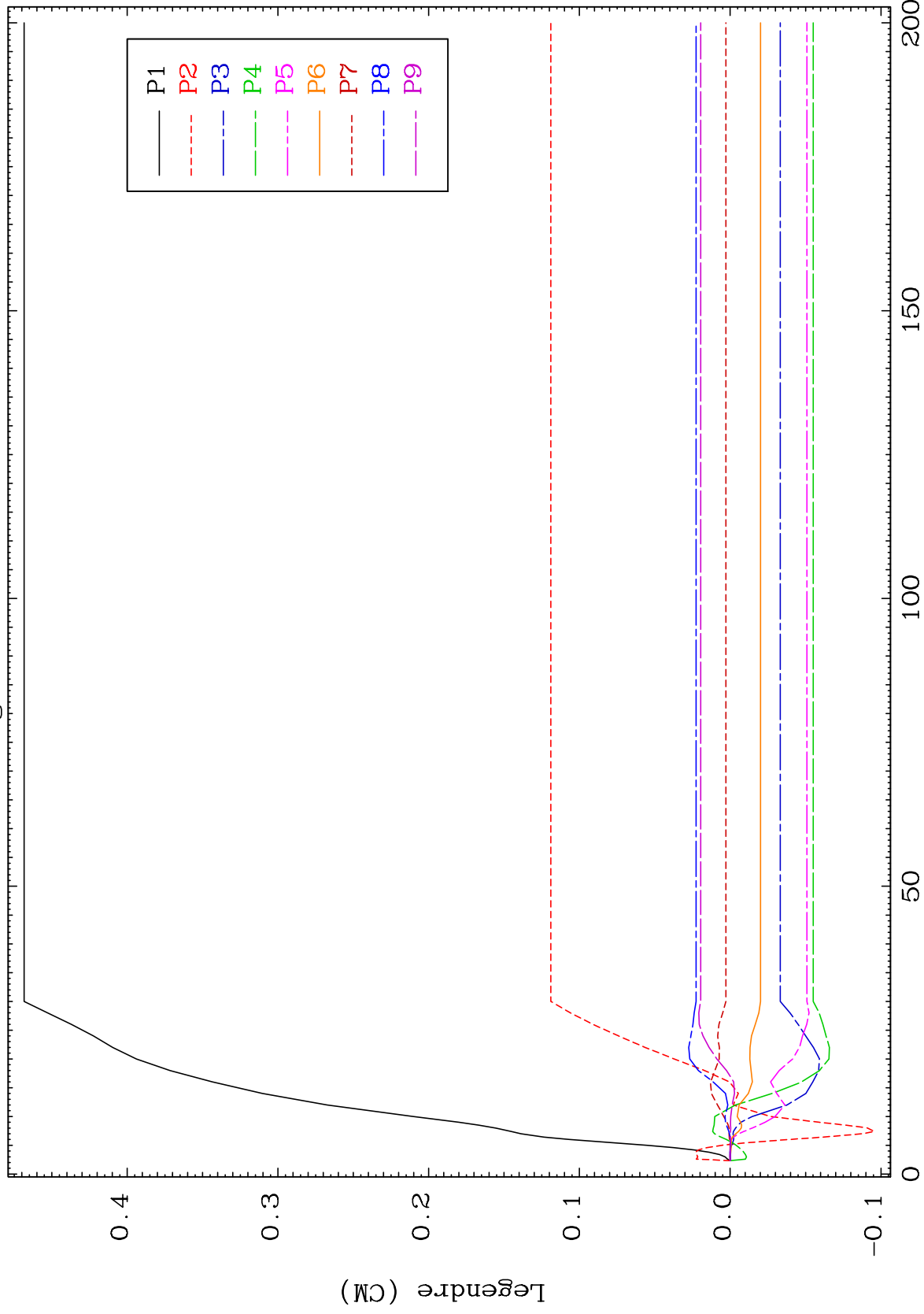
82-Pb-202



MAT 8219

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

82-Pb-202



82-Pb-202

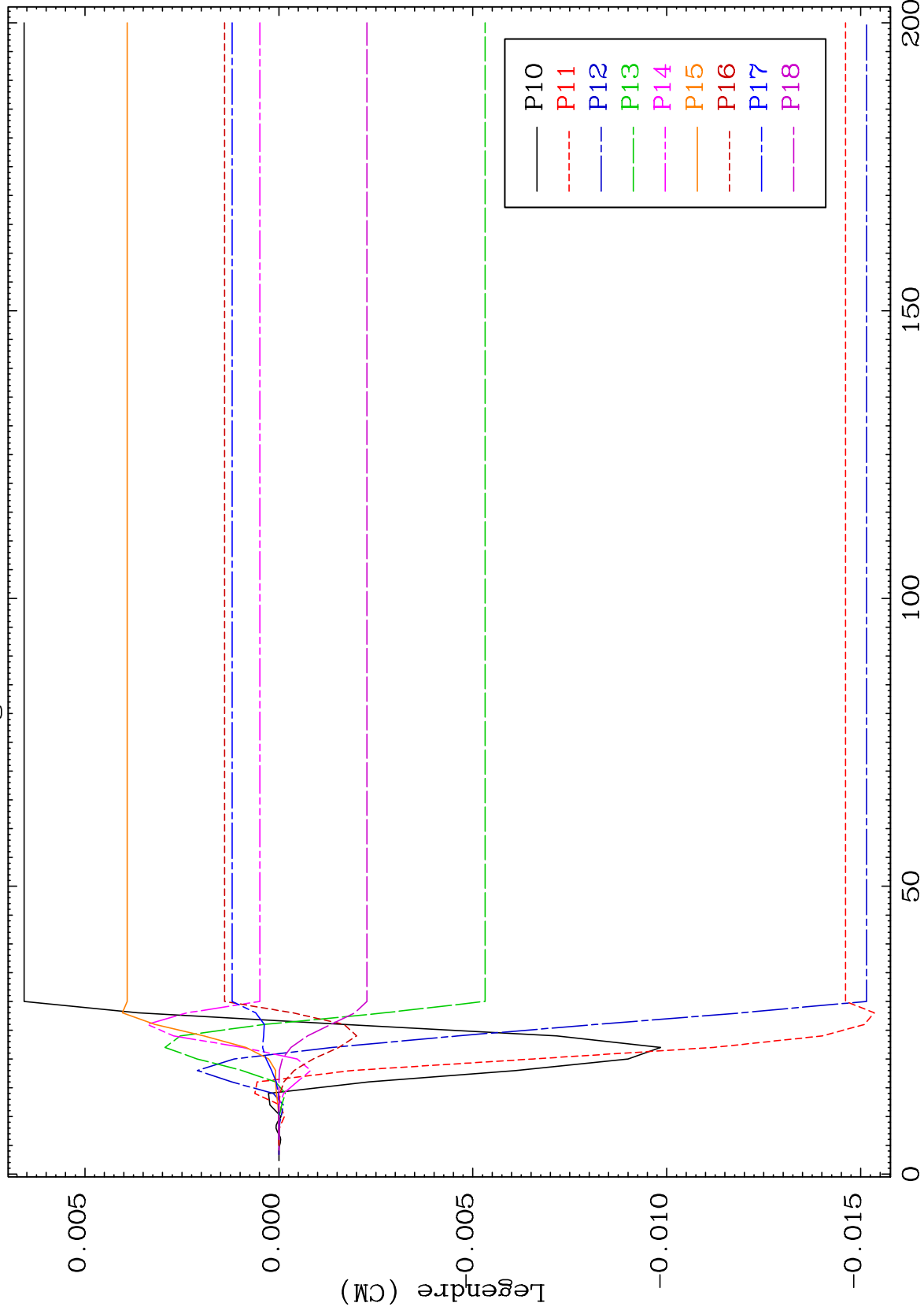
Incident Energy (MeV)

90

MAT 8219

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

82-Pb-202



91

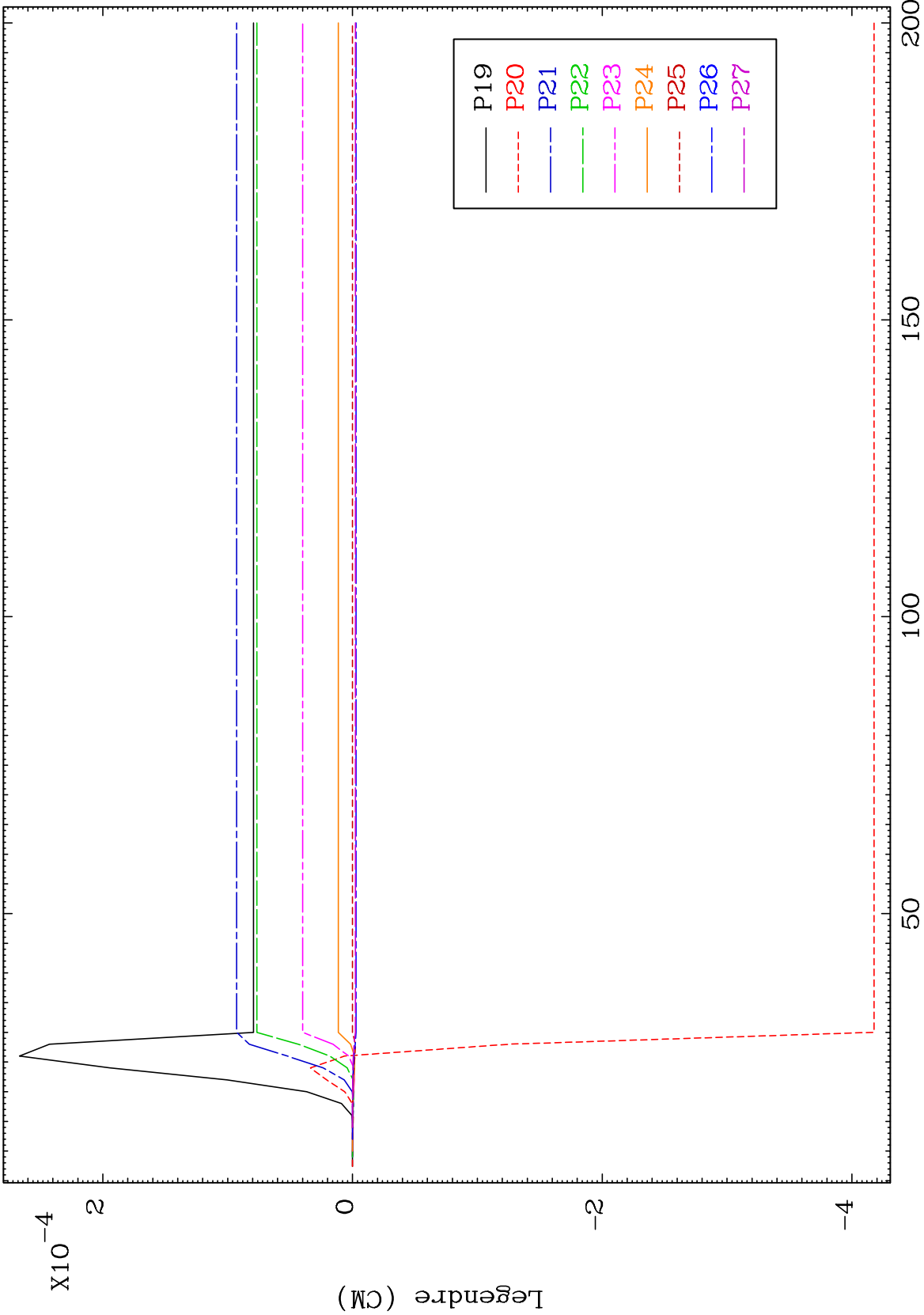
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

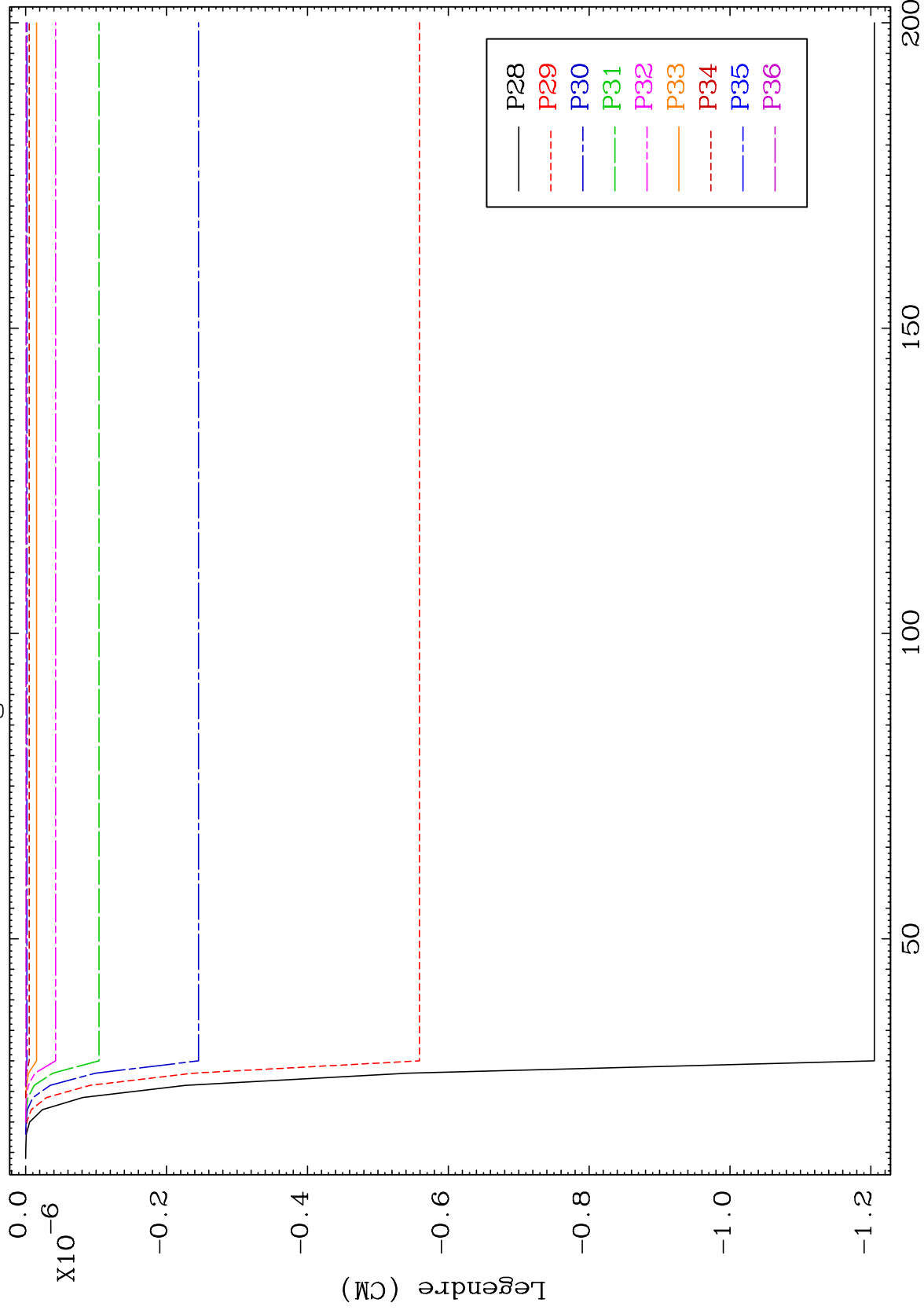
82-Pb-202



MAT 8219

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

82-Pb-202



93

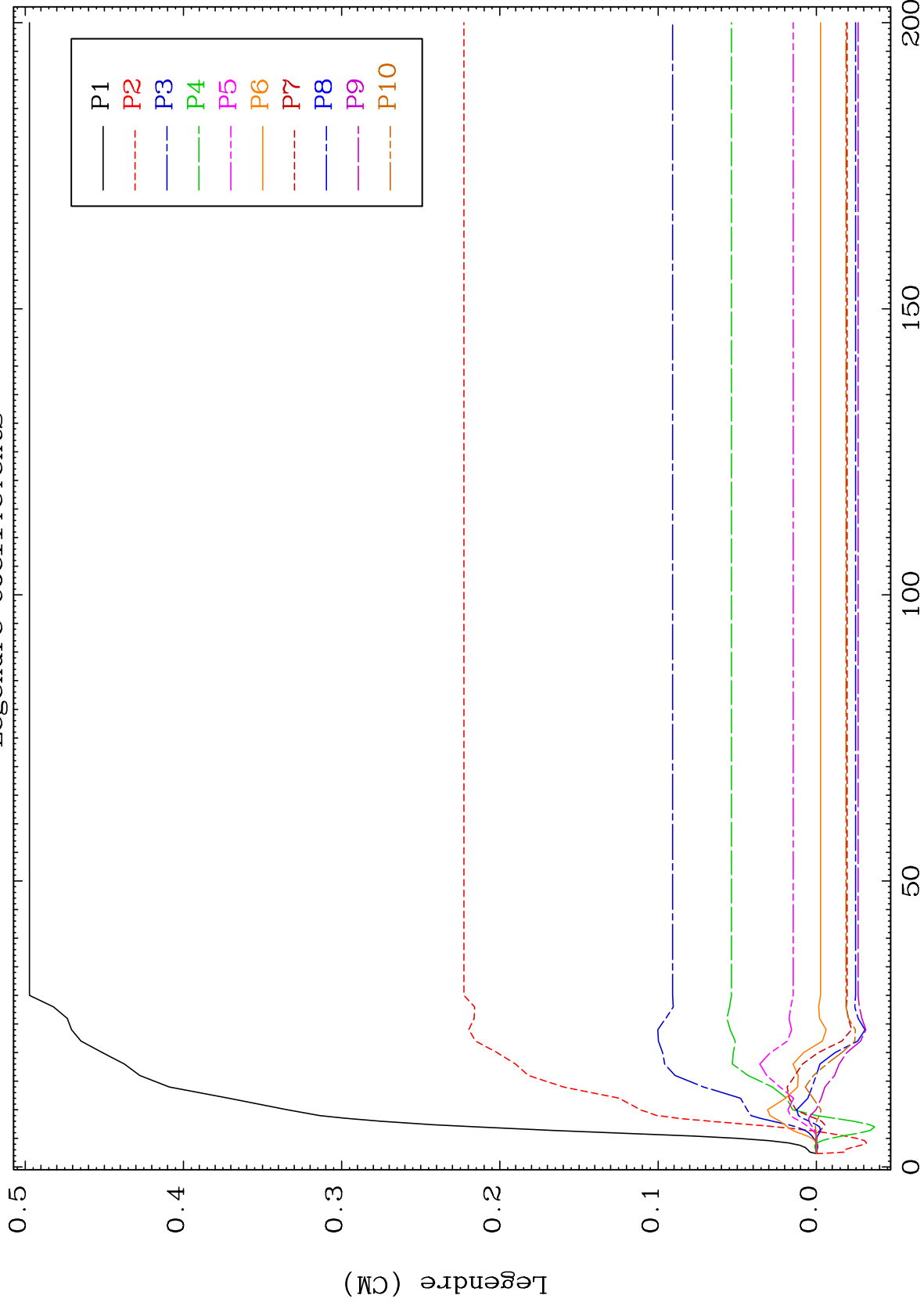
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



94

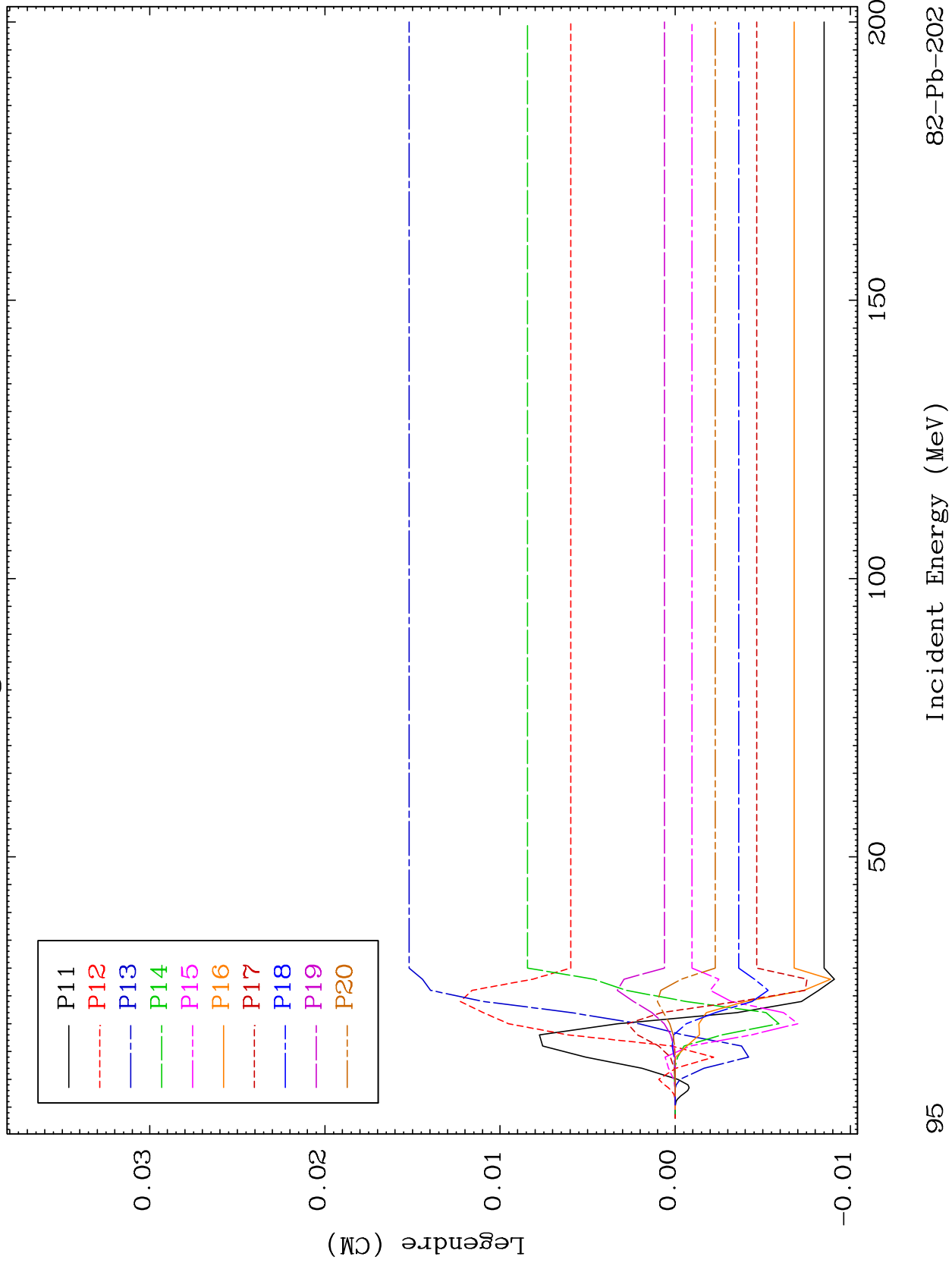
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

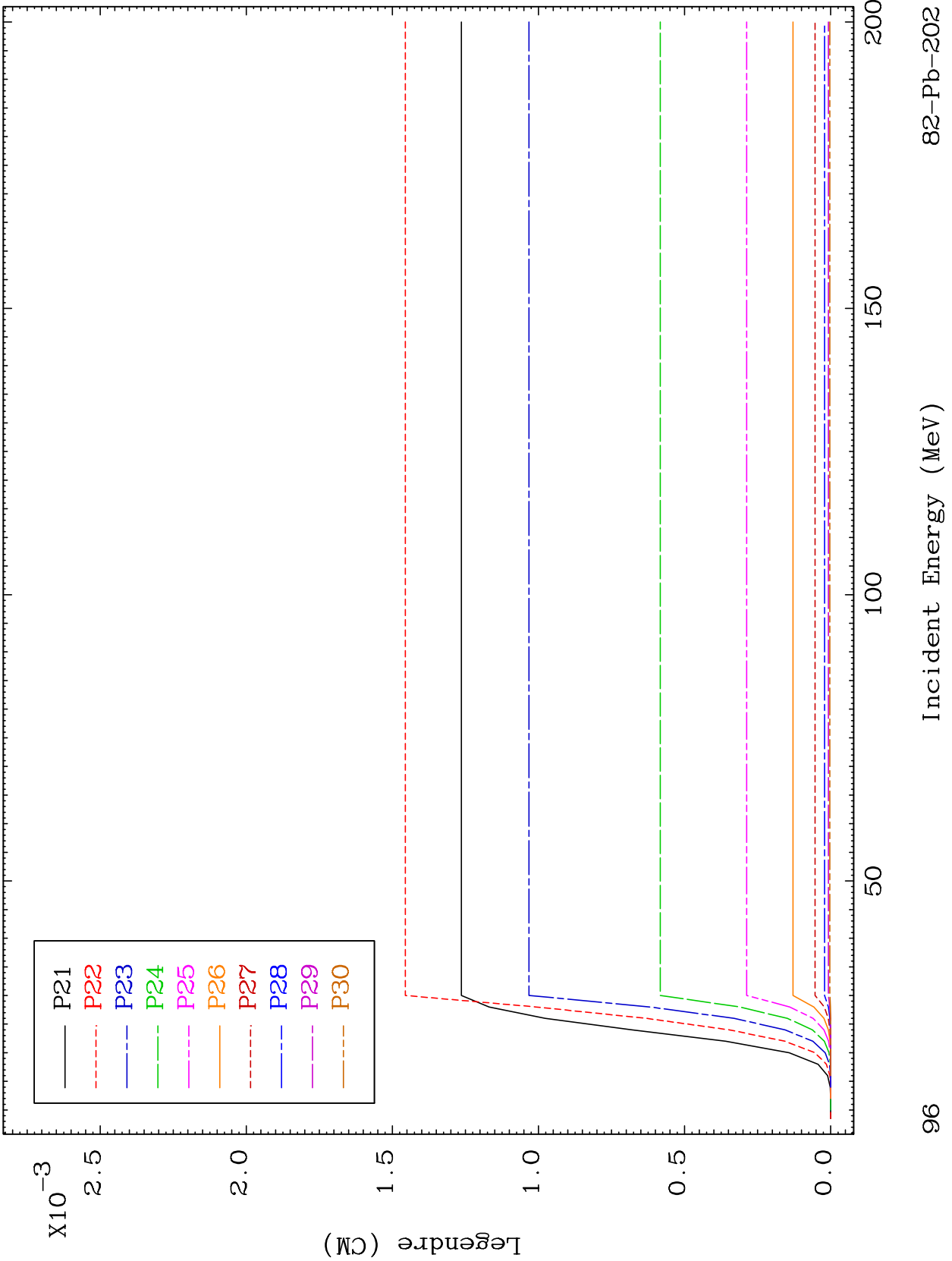
82-Pb-202



95

Incident Energy (MeV)

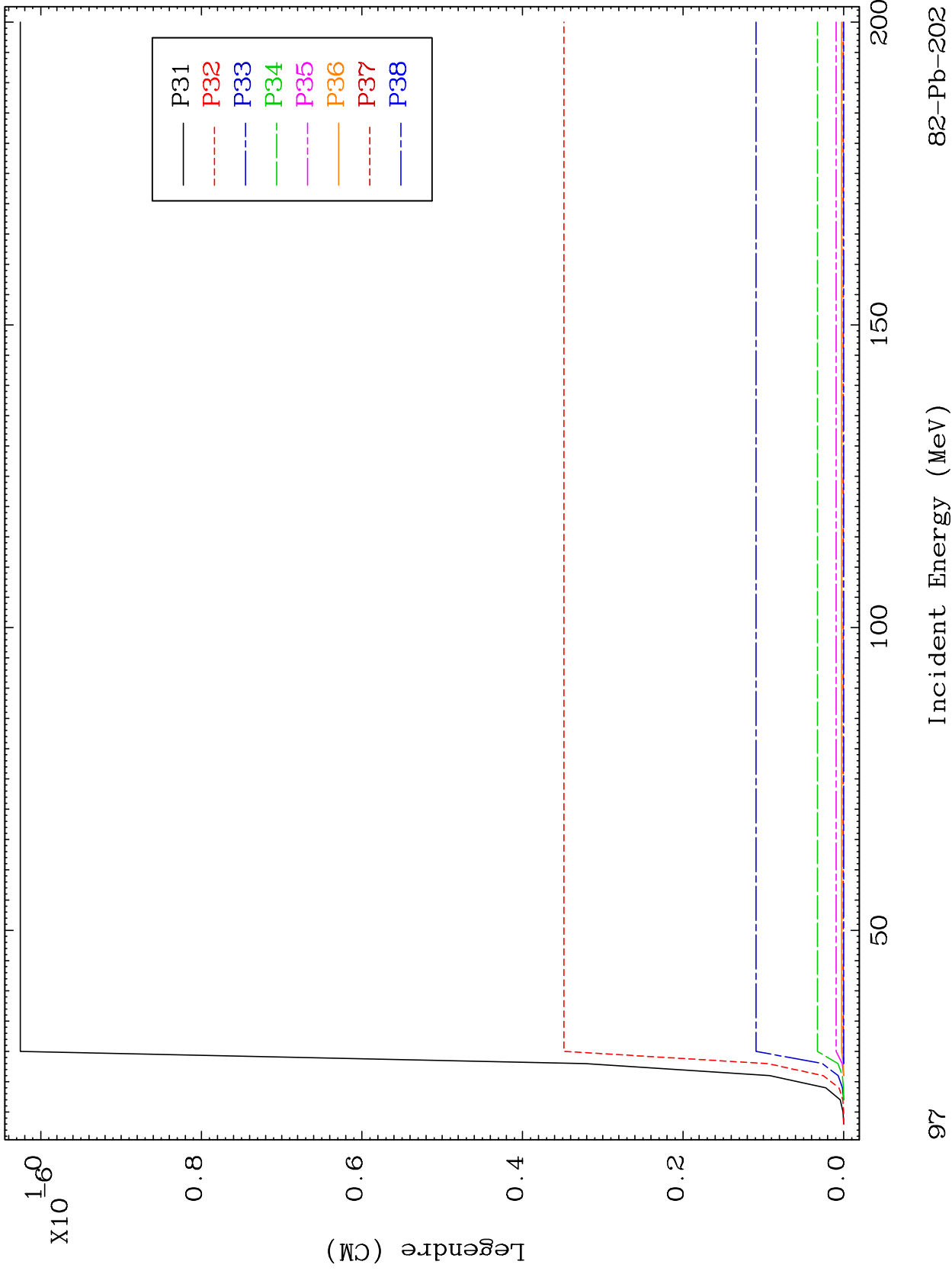
82-Pb-202



MAT 8219

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

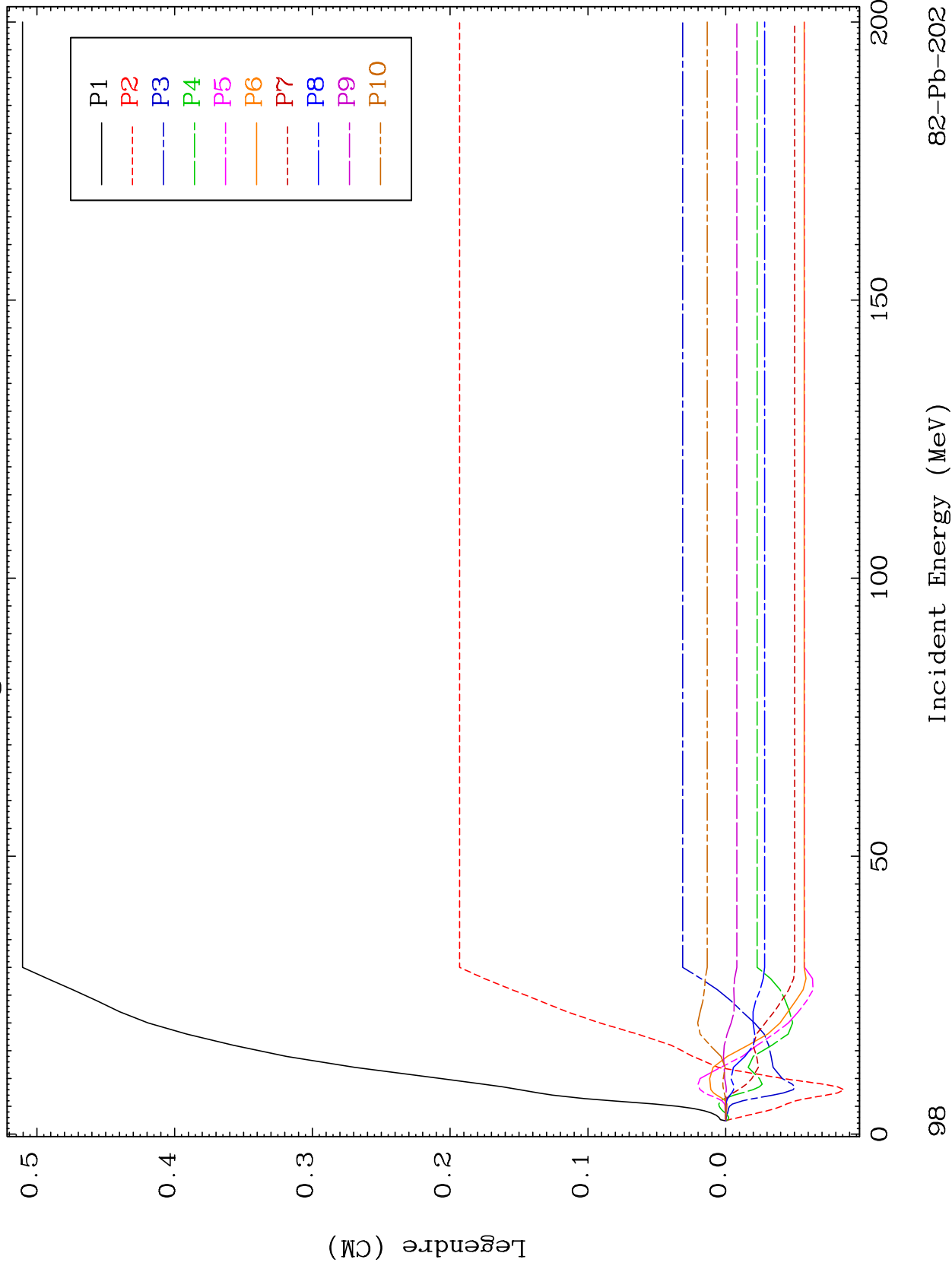
82-Pb-202



MAT 8219

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

82-Pb-202

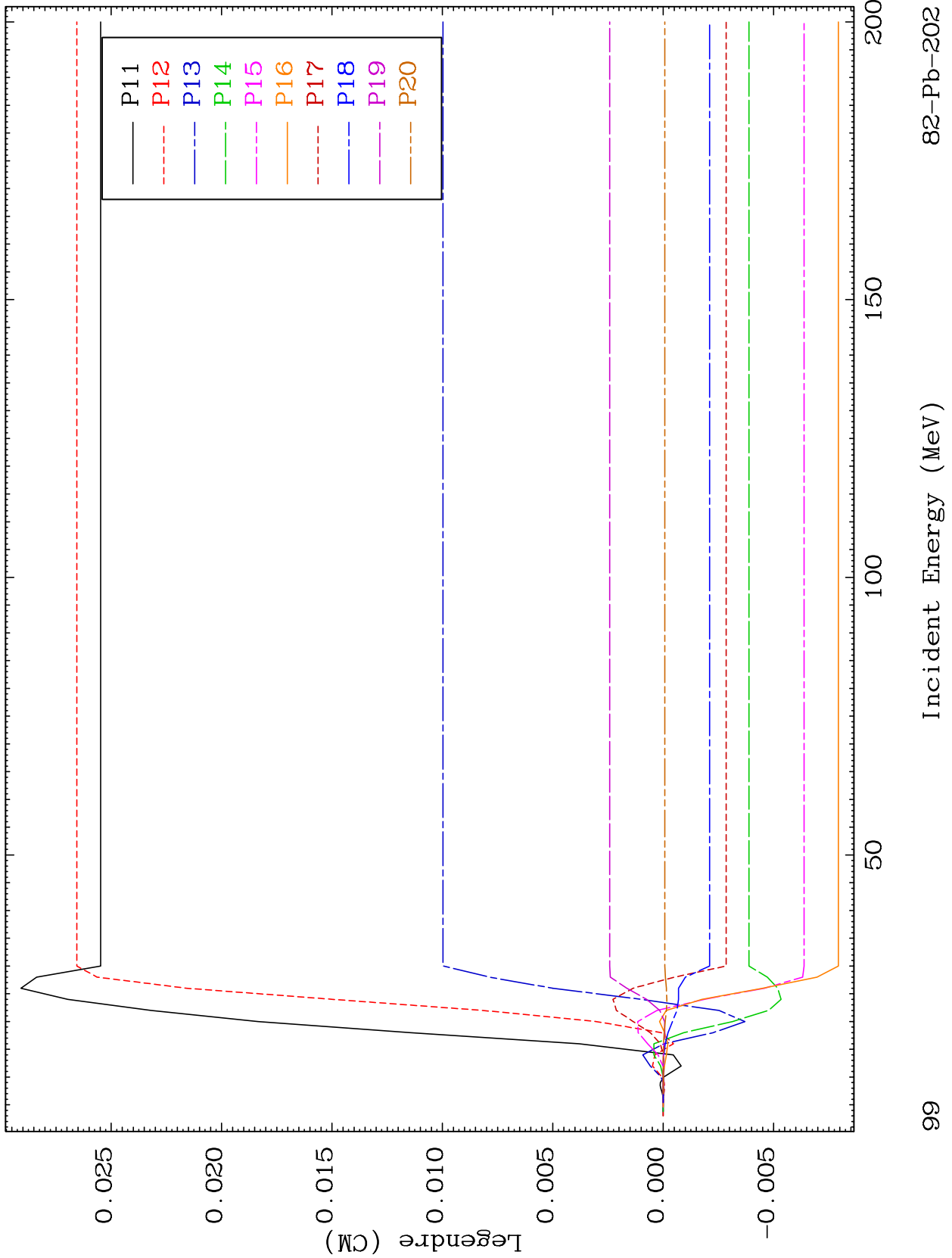


82-Pb-202

MAT 8219

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

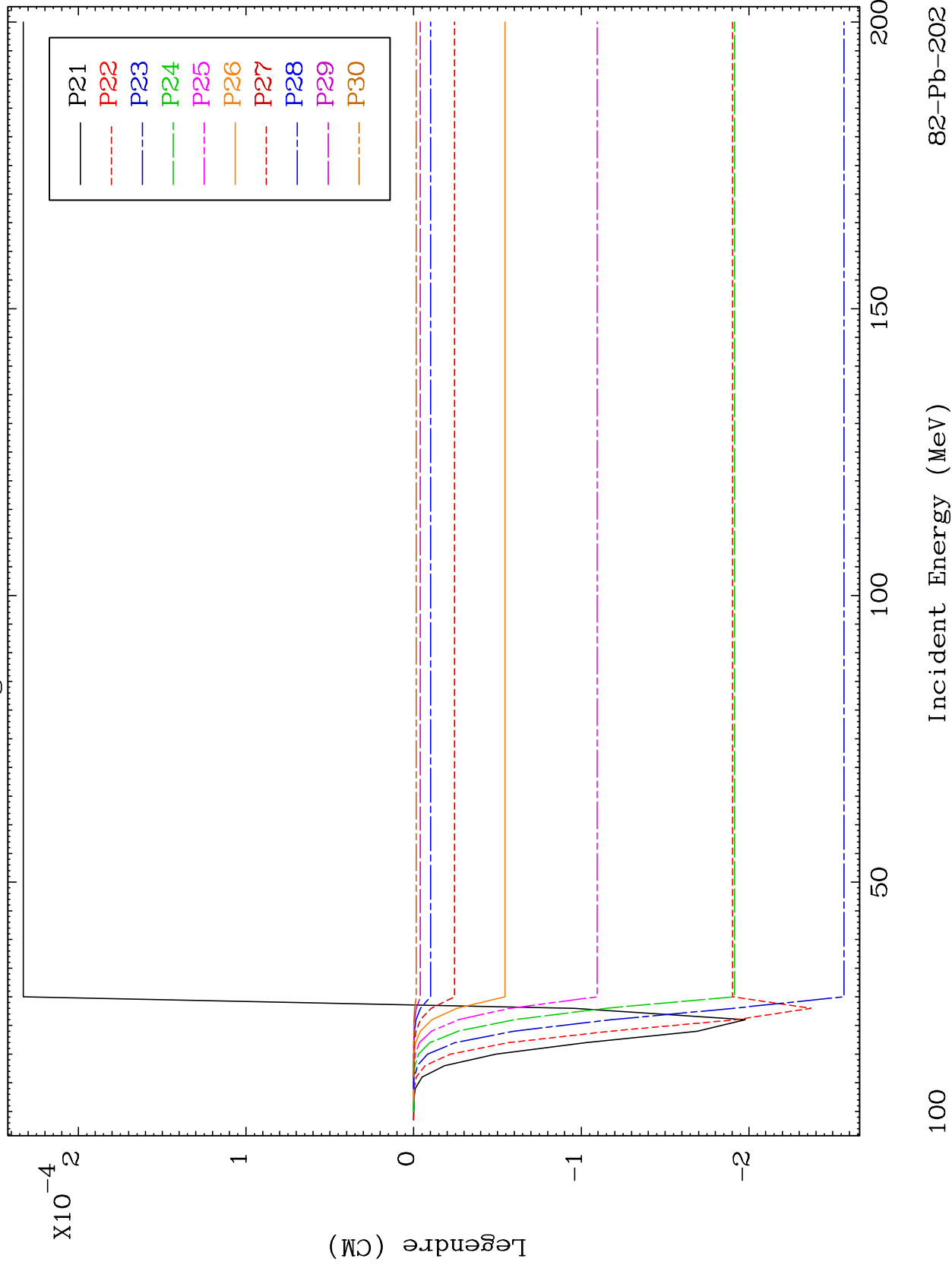
82-Pb-202

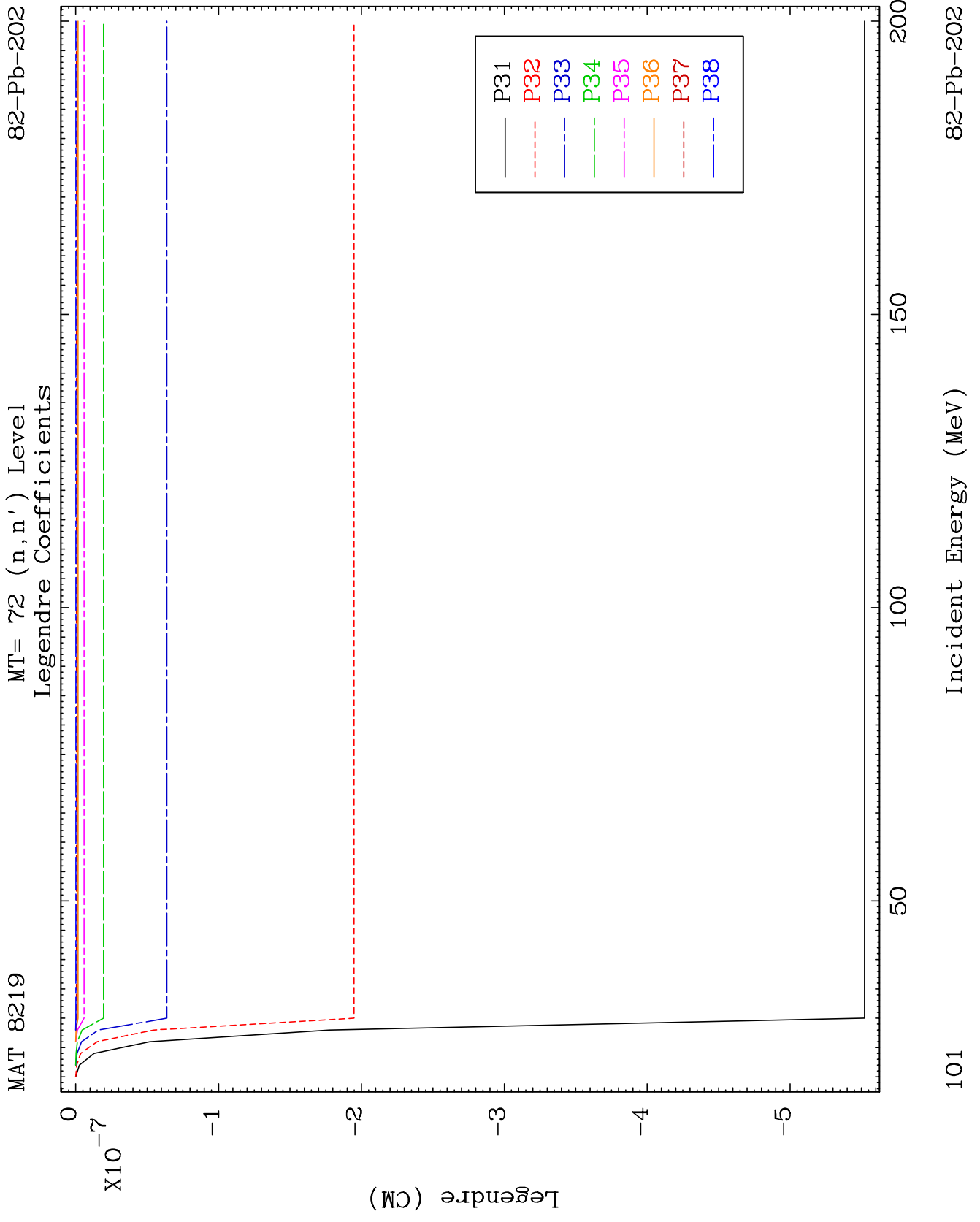


MAT 8219

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

82-Pb-202

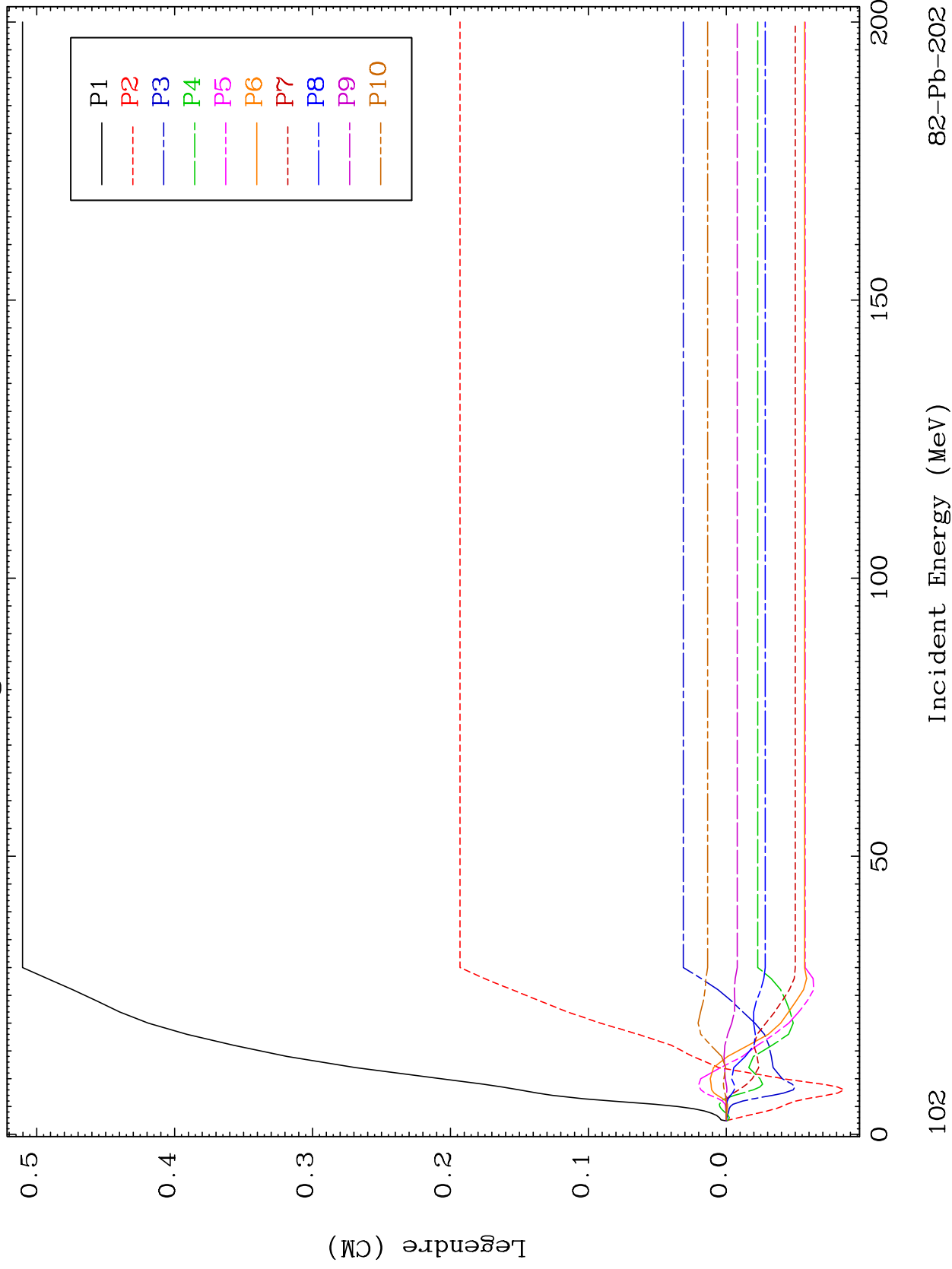




MAT 8219

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

82-Pb-202

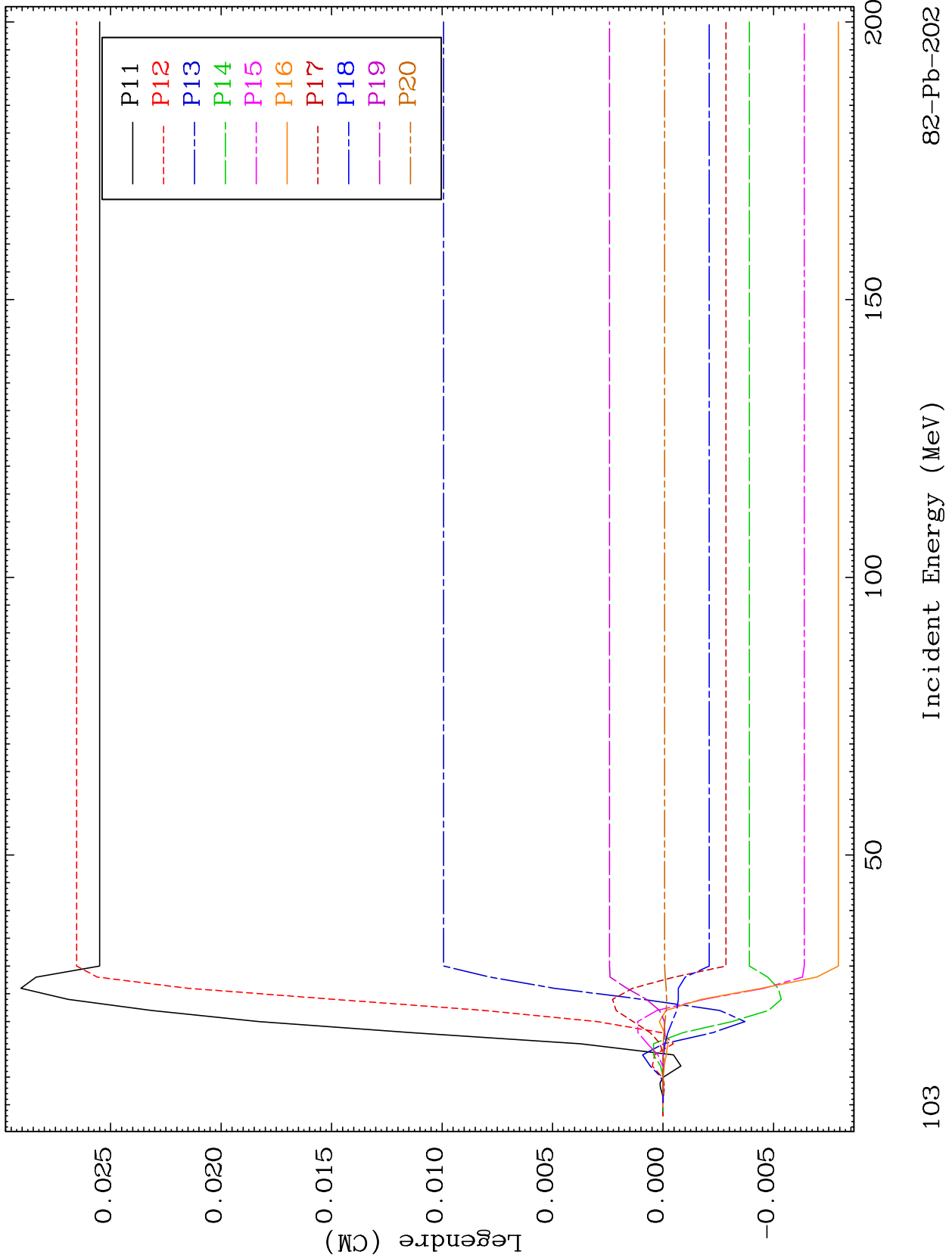


102

MAT 8219

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

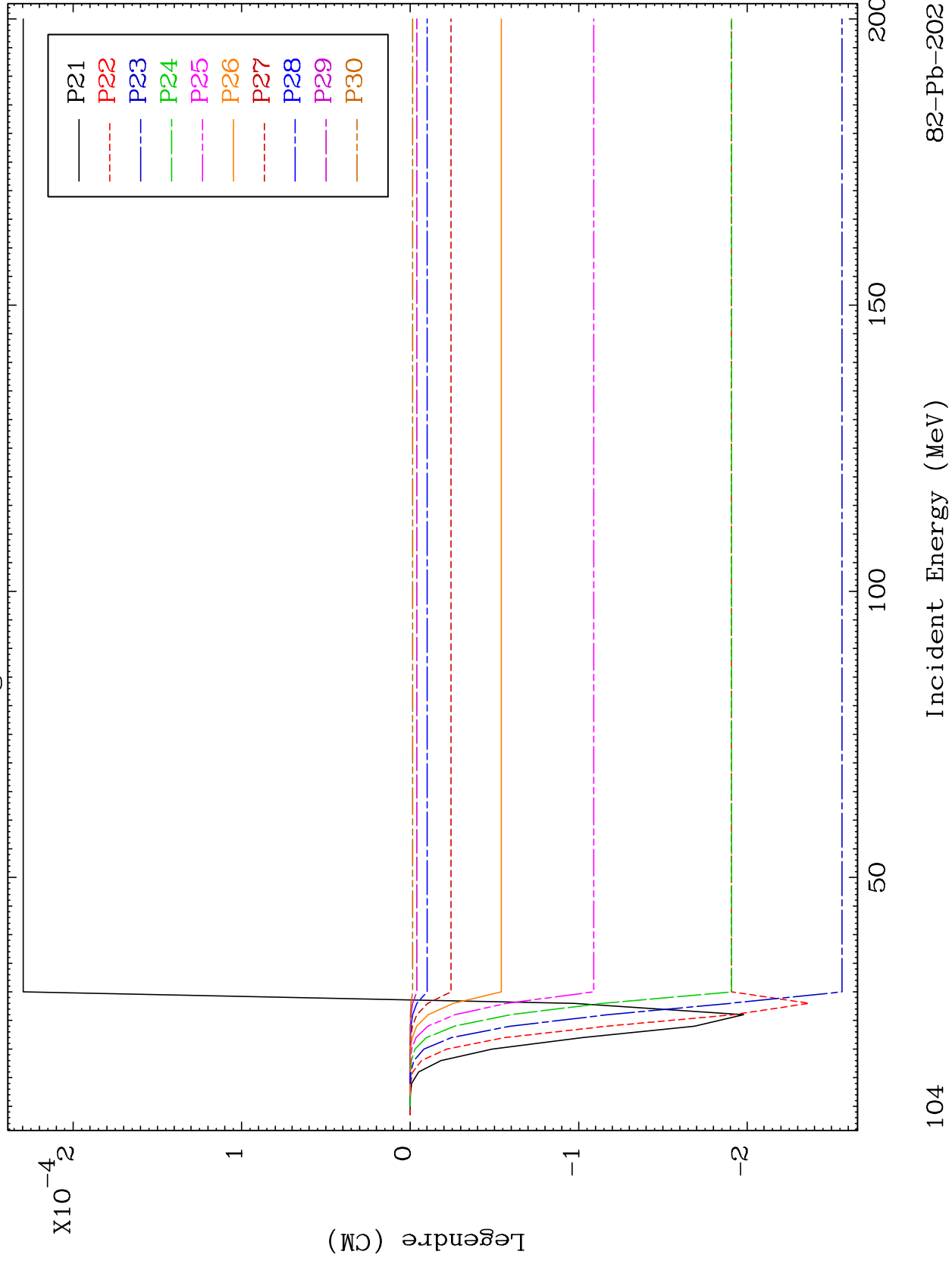
82-Pb-202



MAT 8219

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

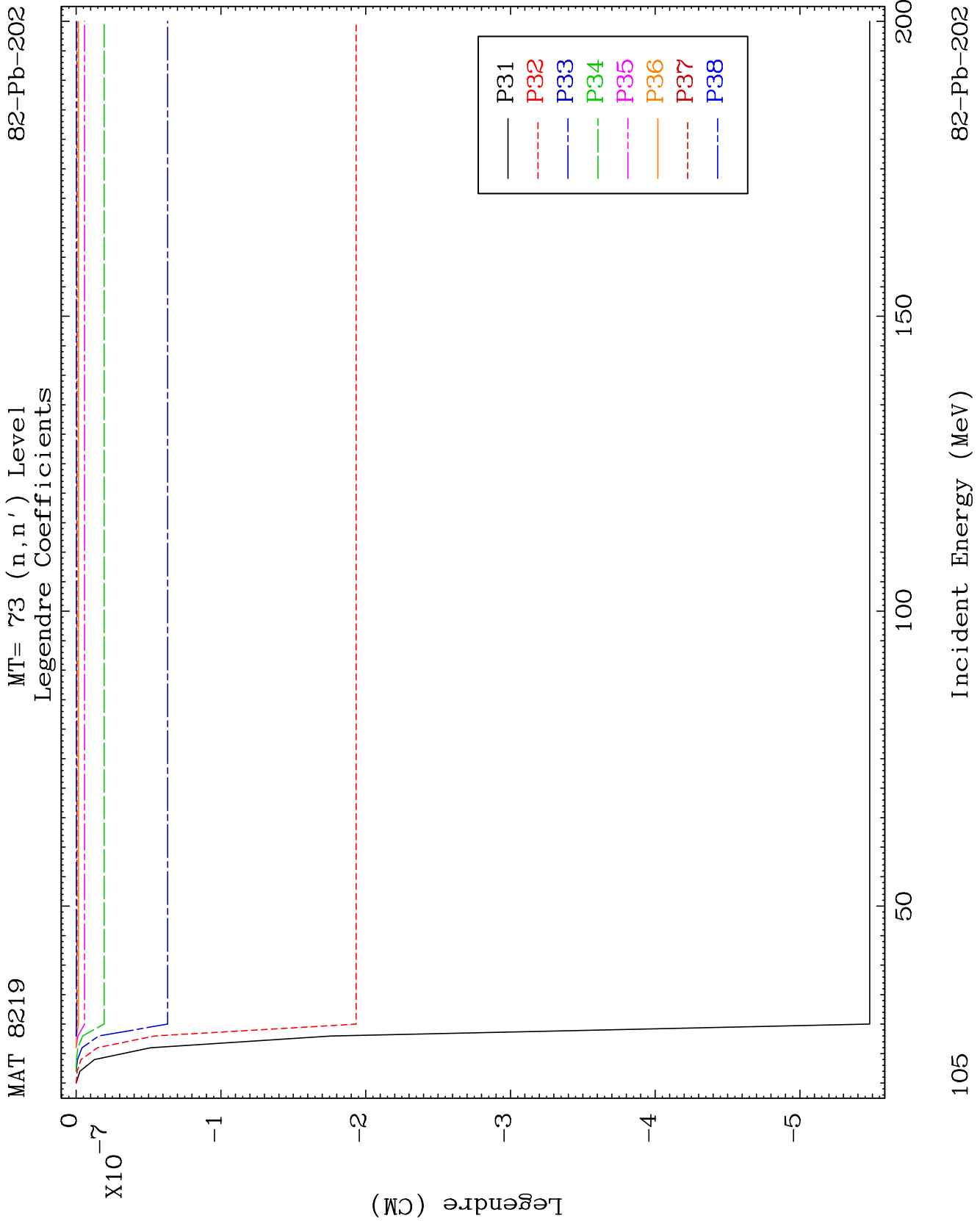
82-Pb-202

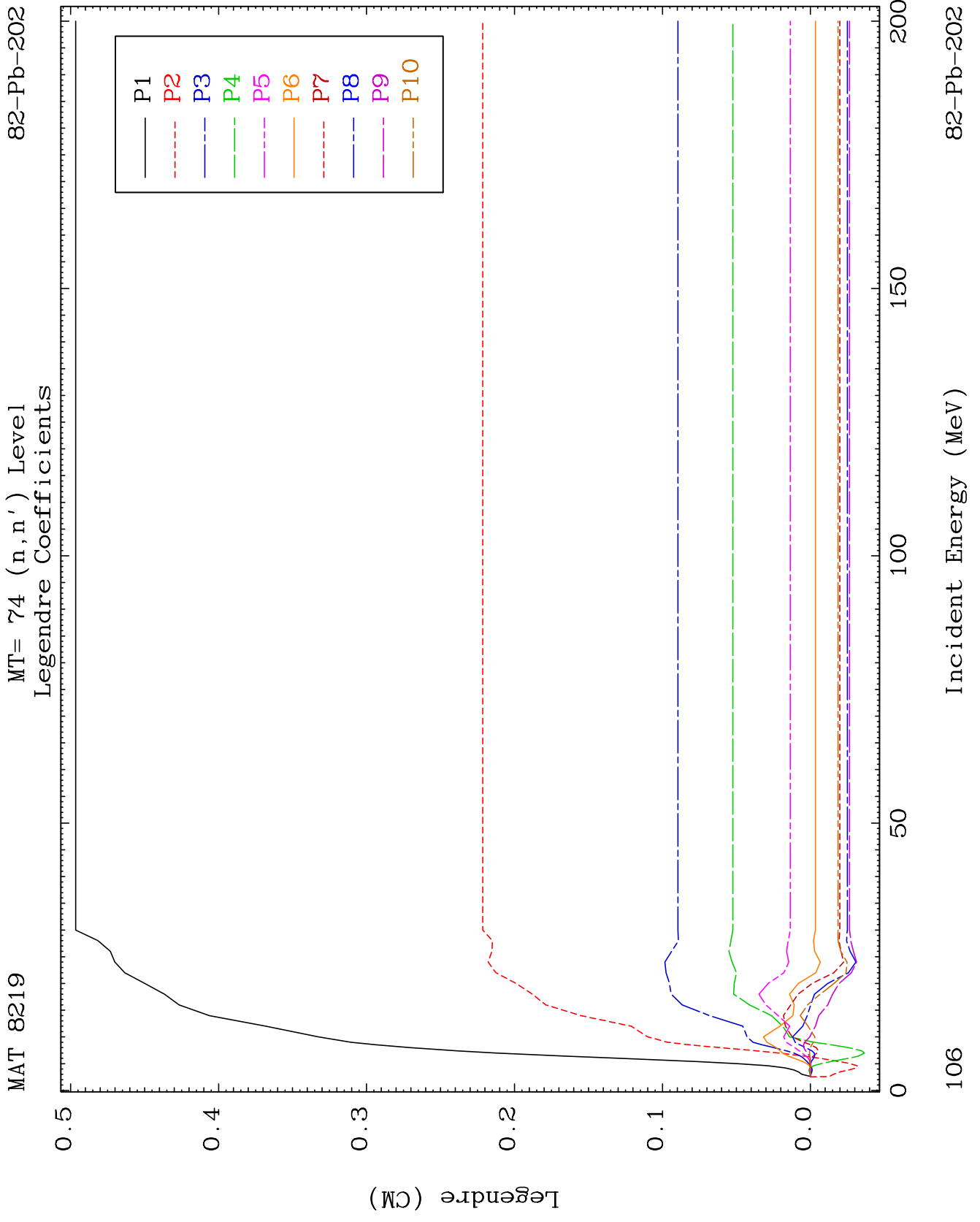


104

Incident Energy (MeV)

82-Pb-202

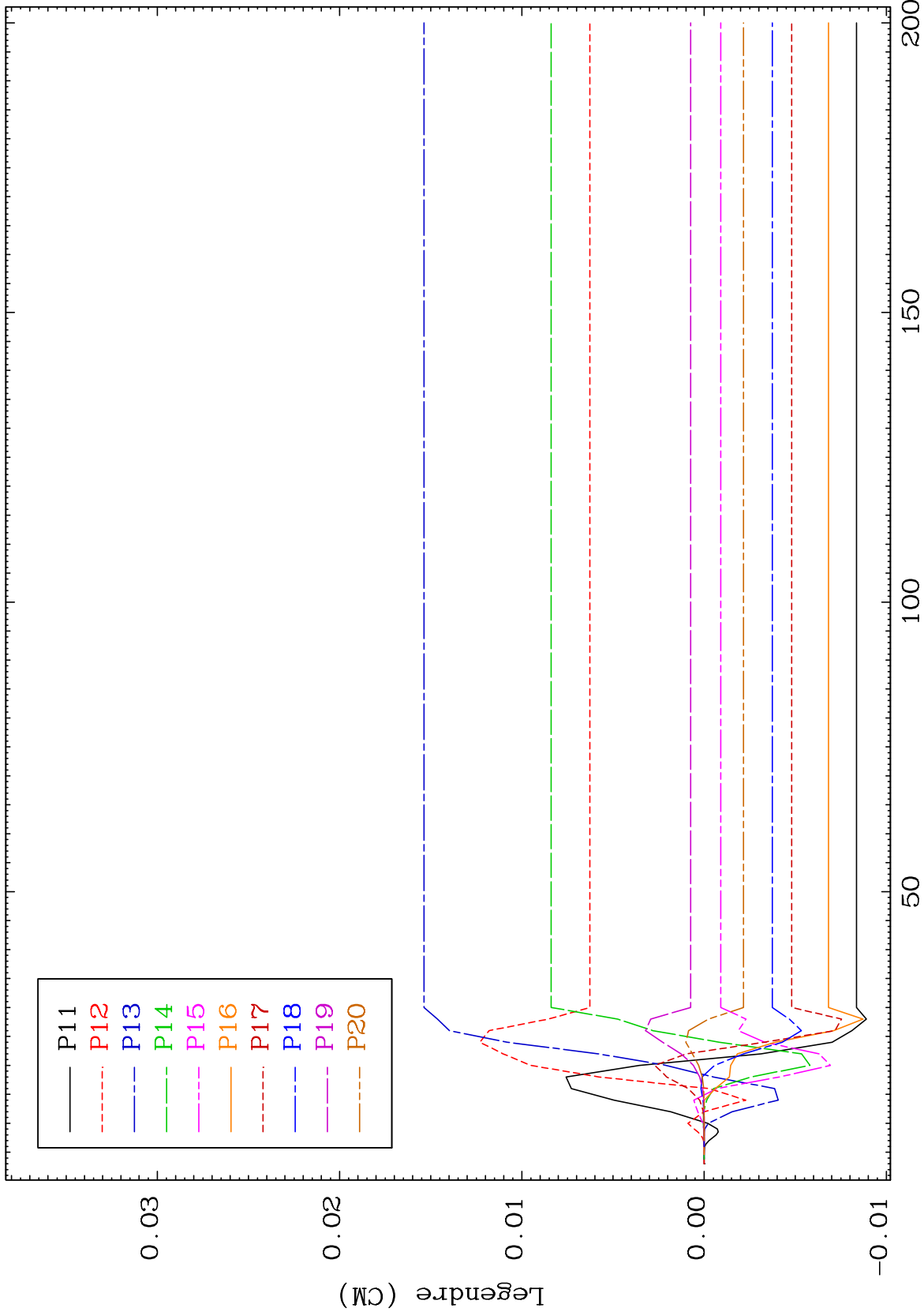




MAT 8219

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

82-Pb-202



107

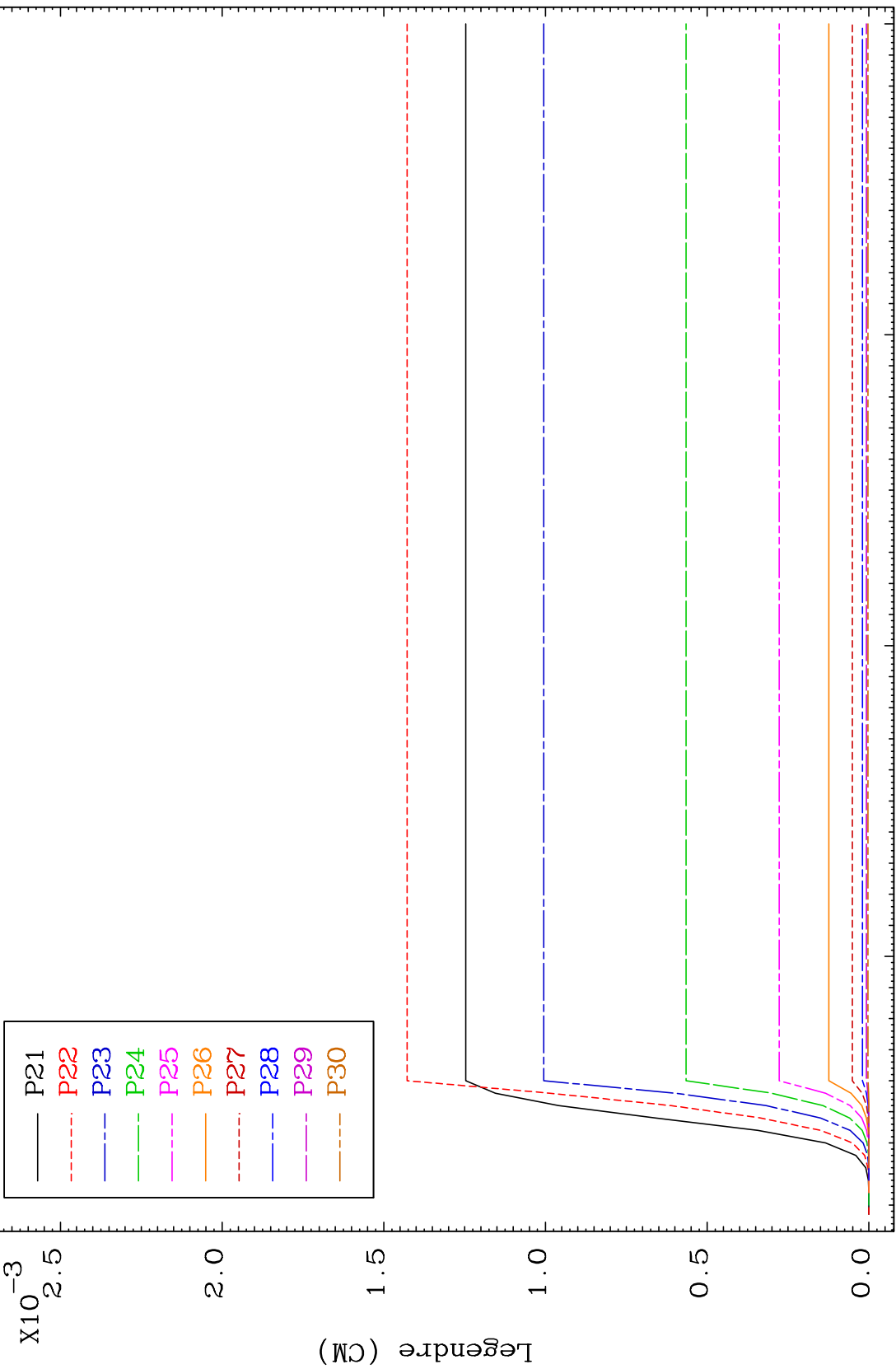
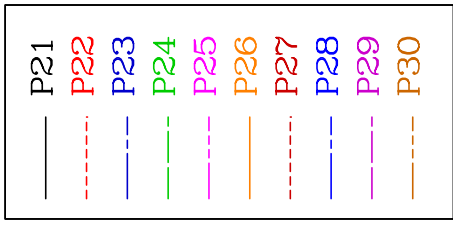
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



108

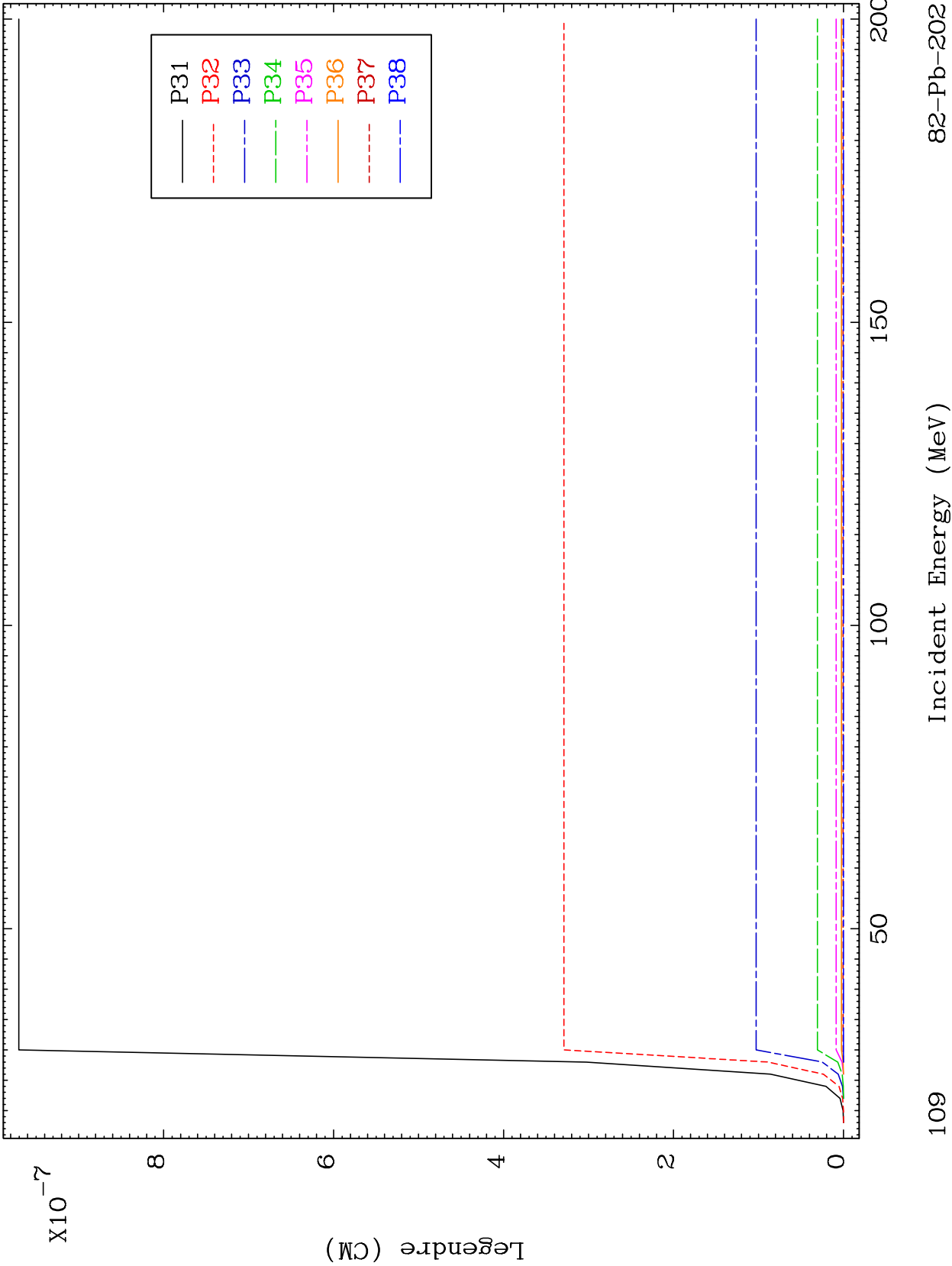
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



109

Incident Energy (MeV)

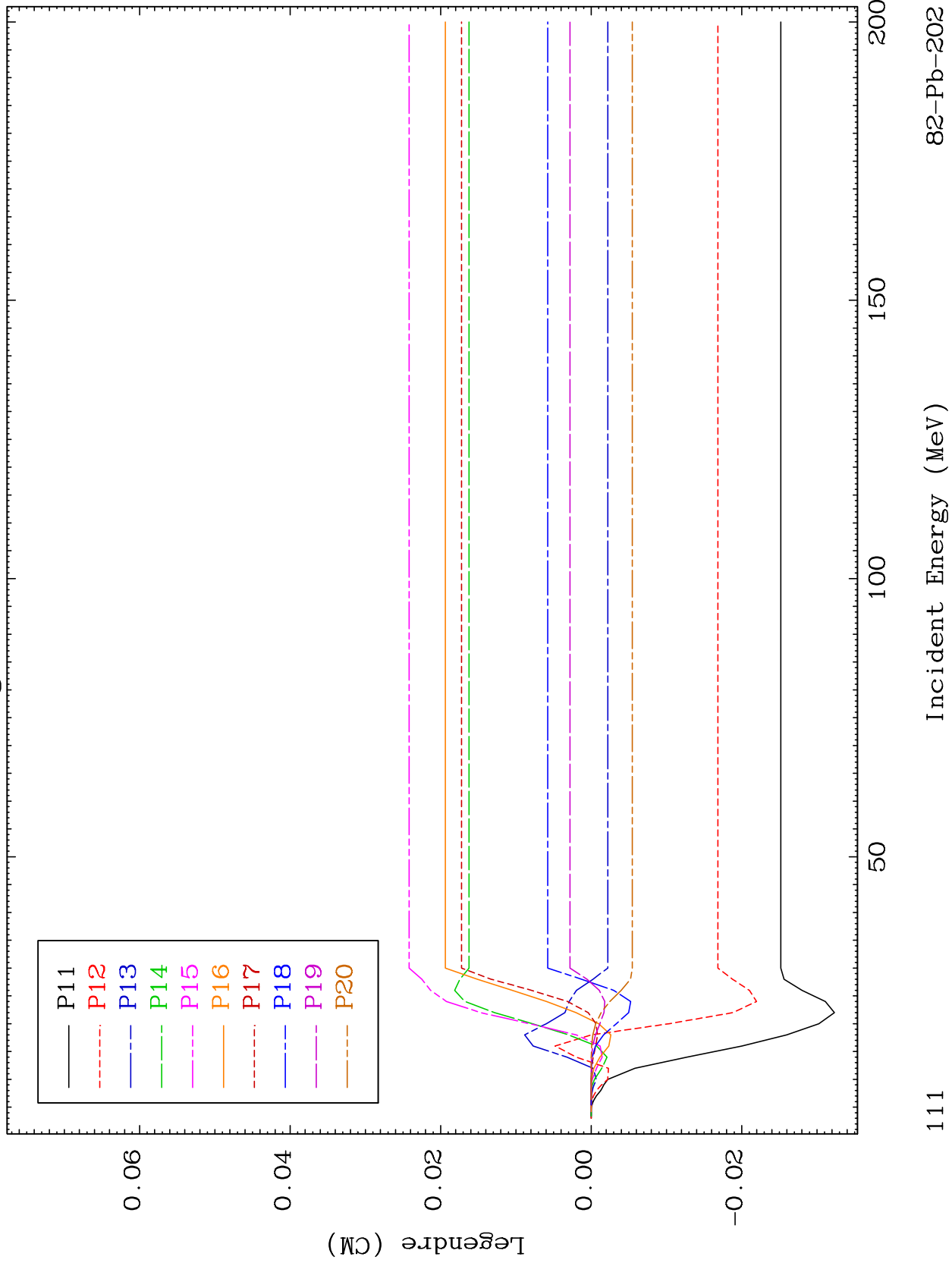
82-Pb-202



MAT 8219

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

82-Pb-202



111

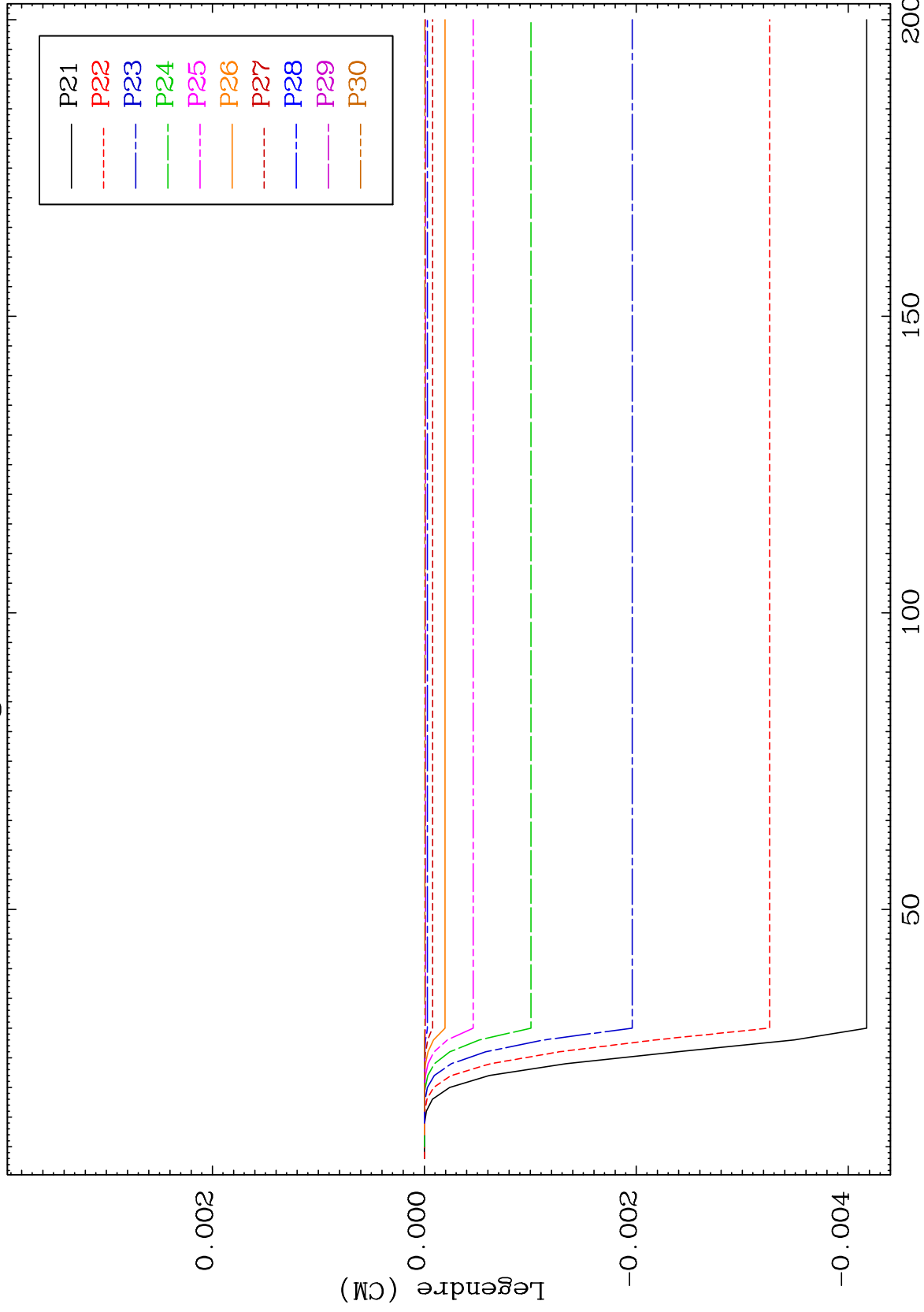
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

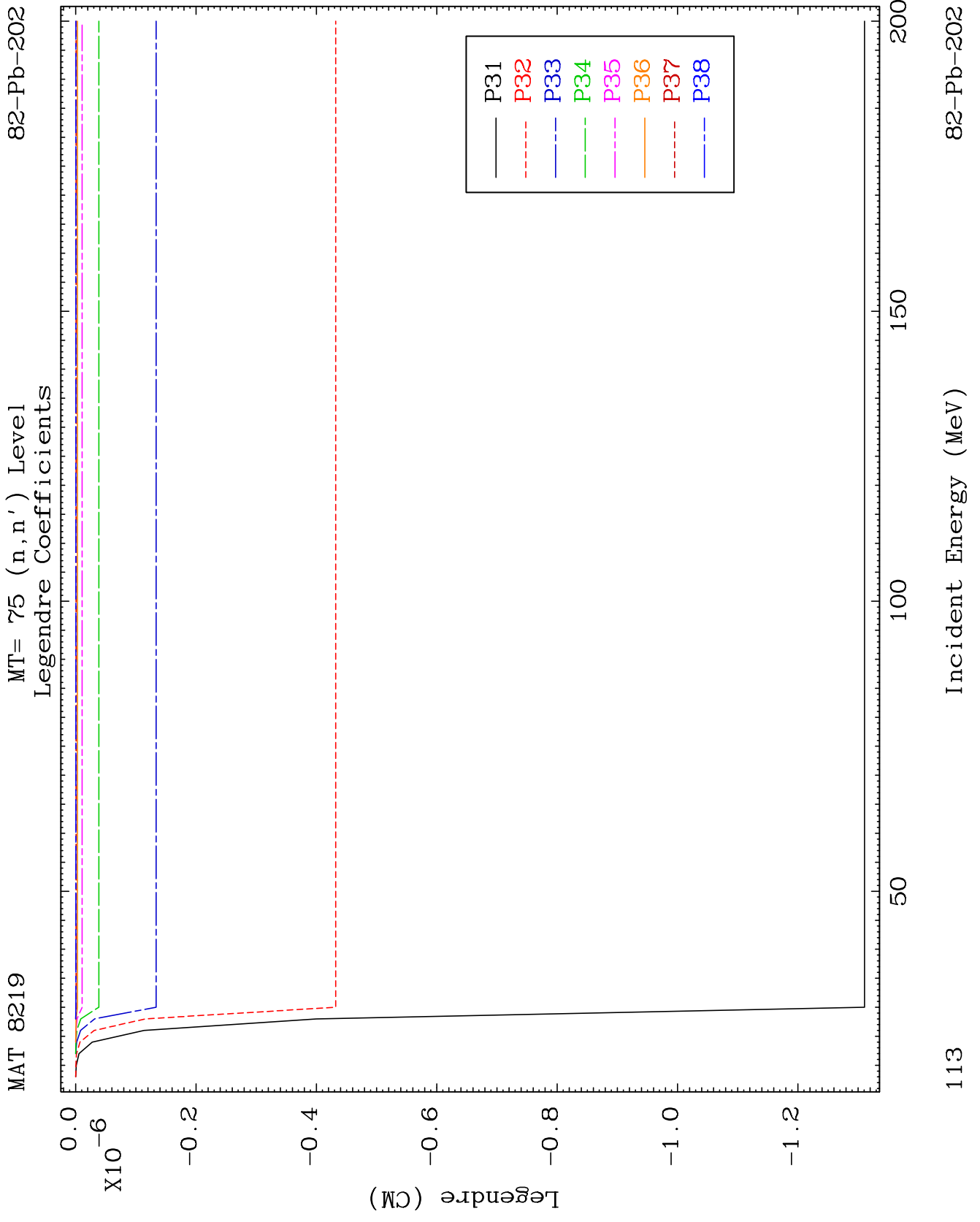
82-Pb-202



112

Incident Energy (MeV)

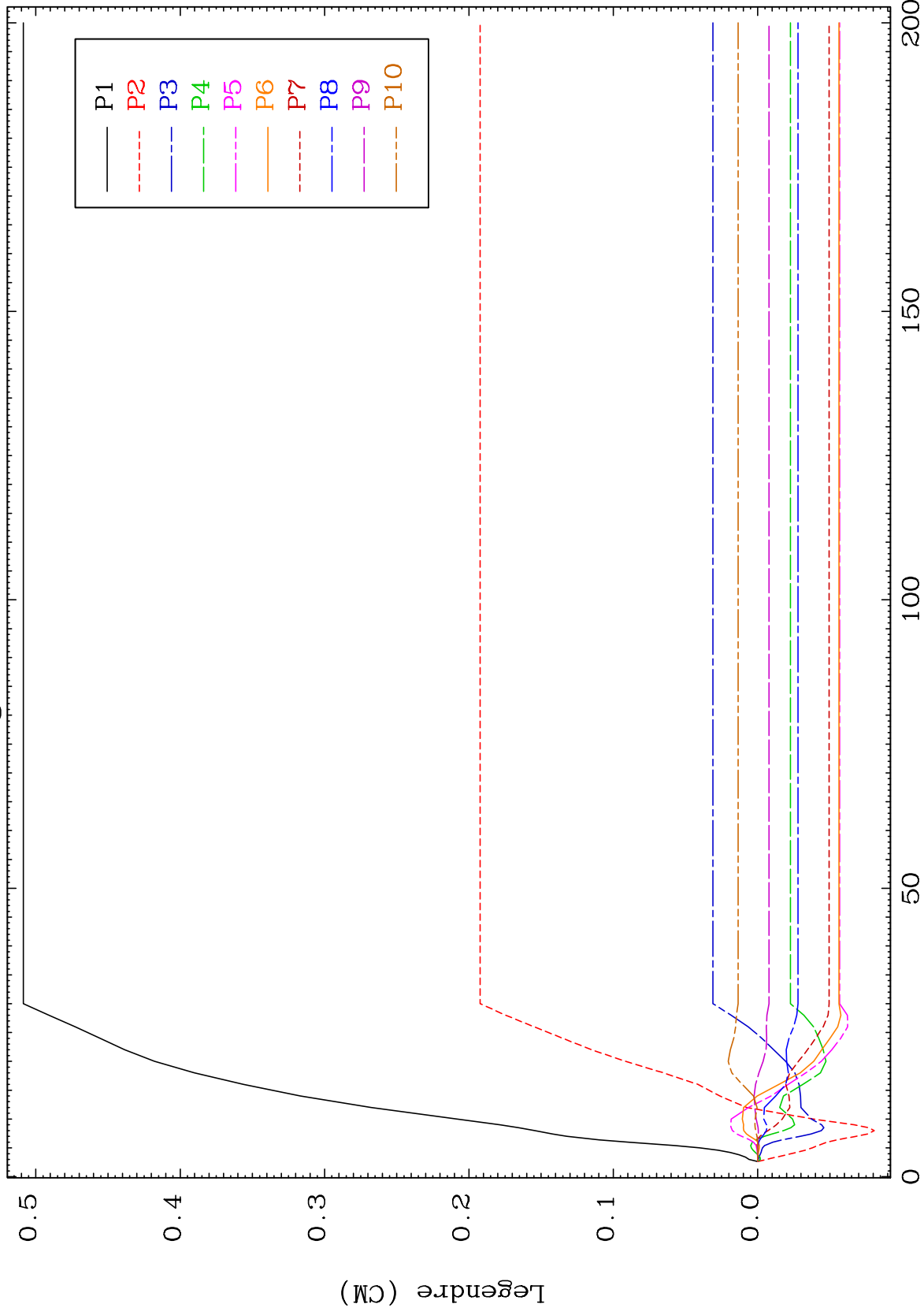
82-Pb-202



MAT 8219

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

82-Pb-202



114

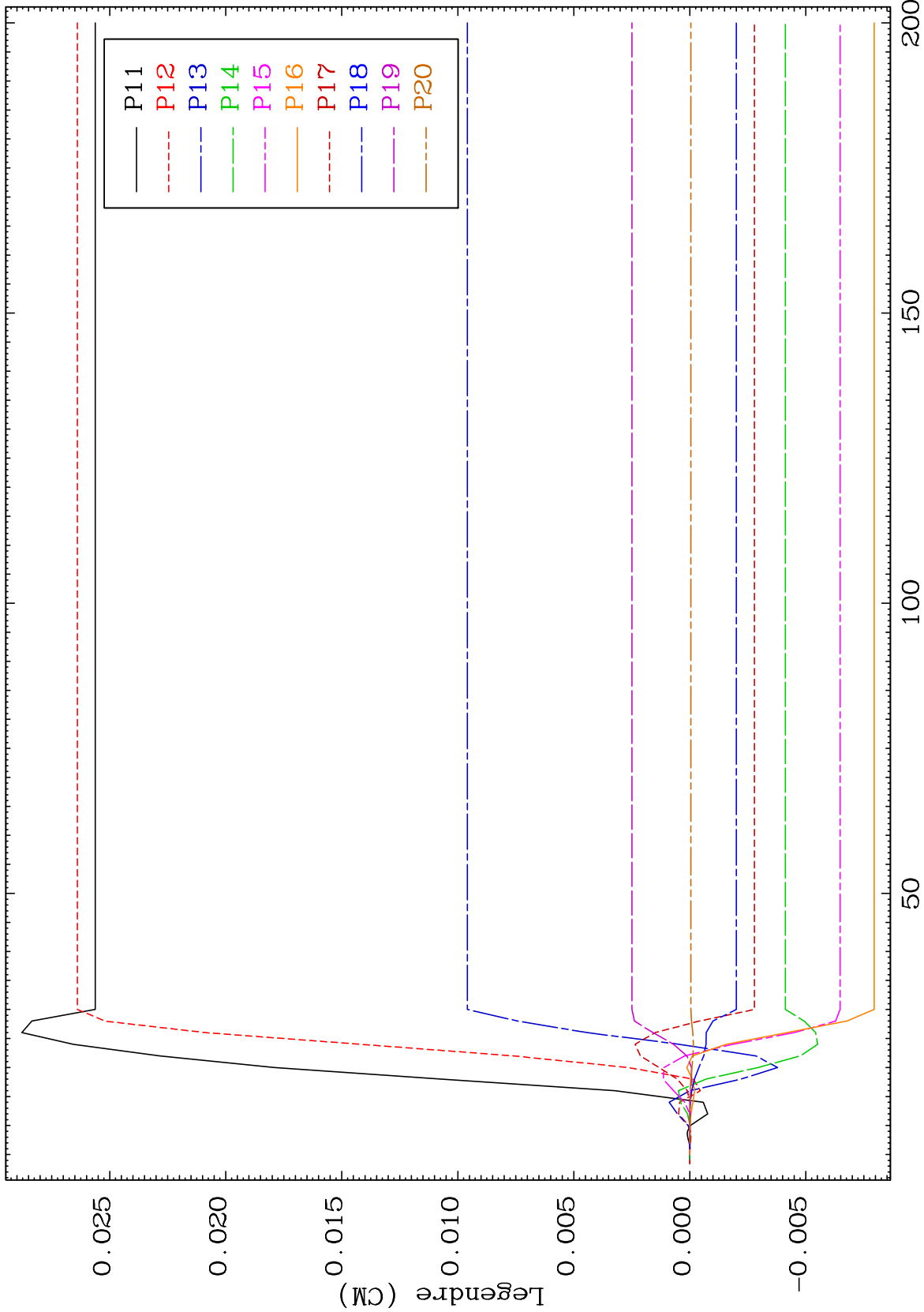
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



115

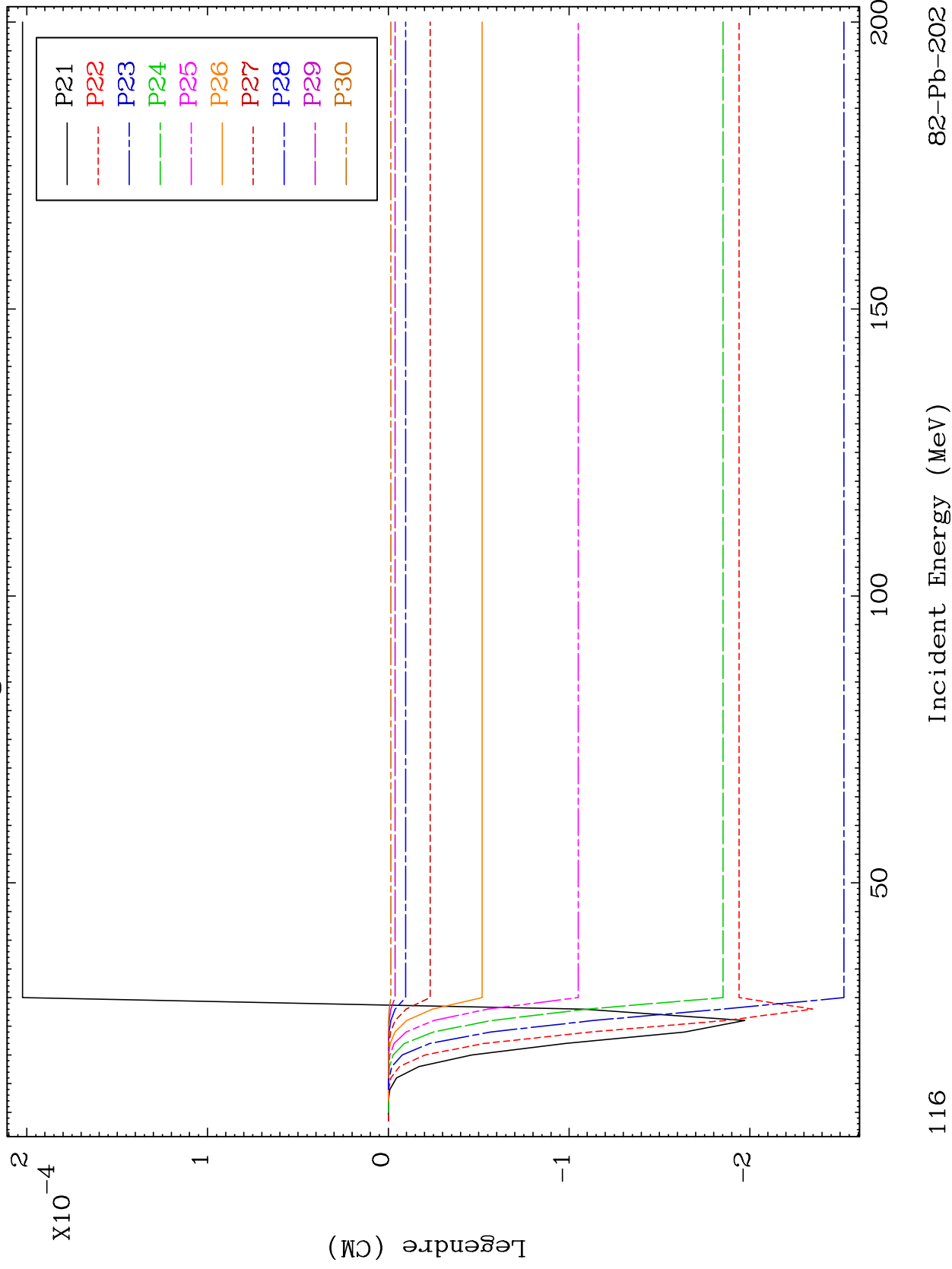
Incident Energy (MeV)

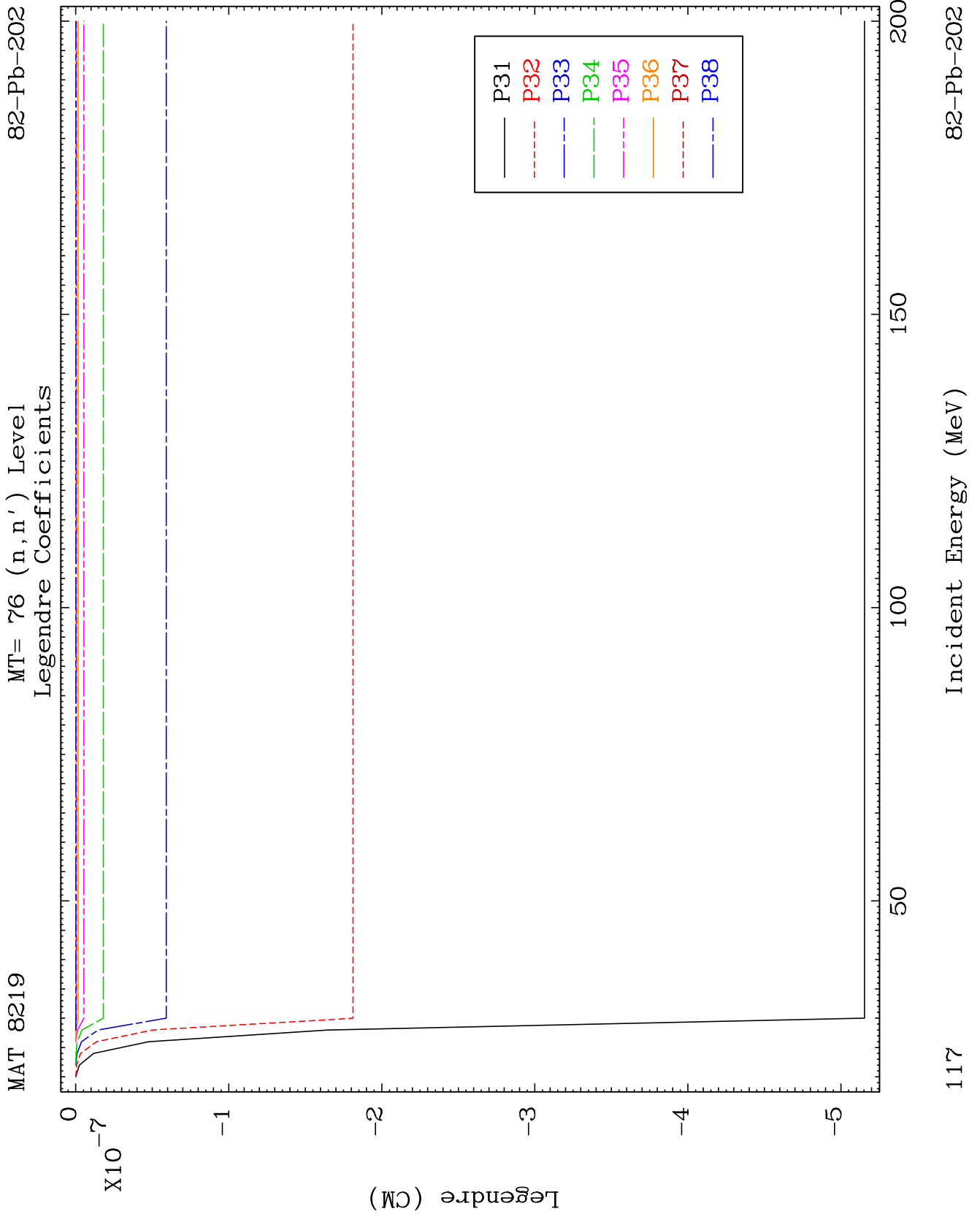
82-Pb-202

MAT 8219

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

82-Pb-202

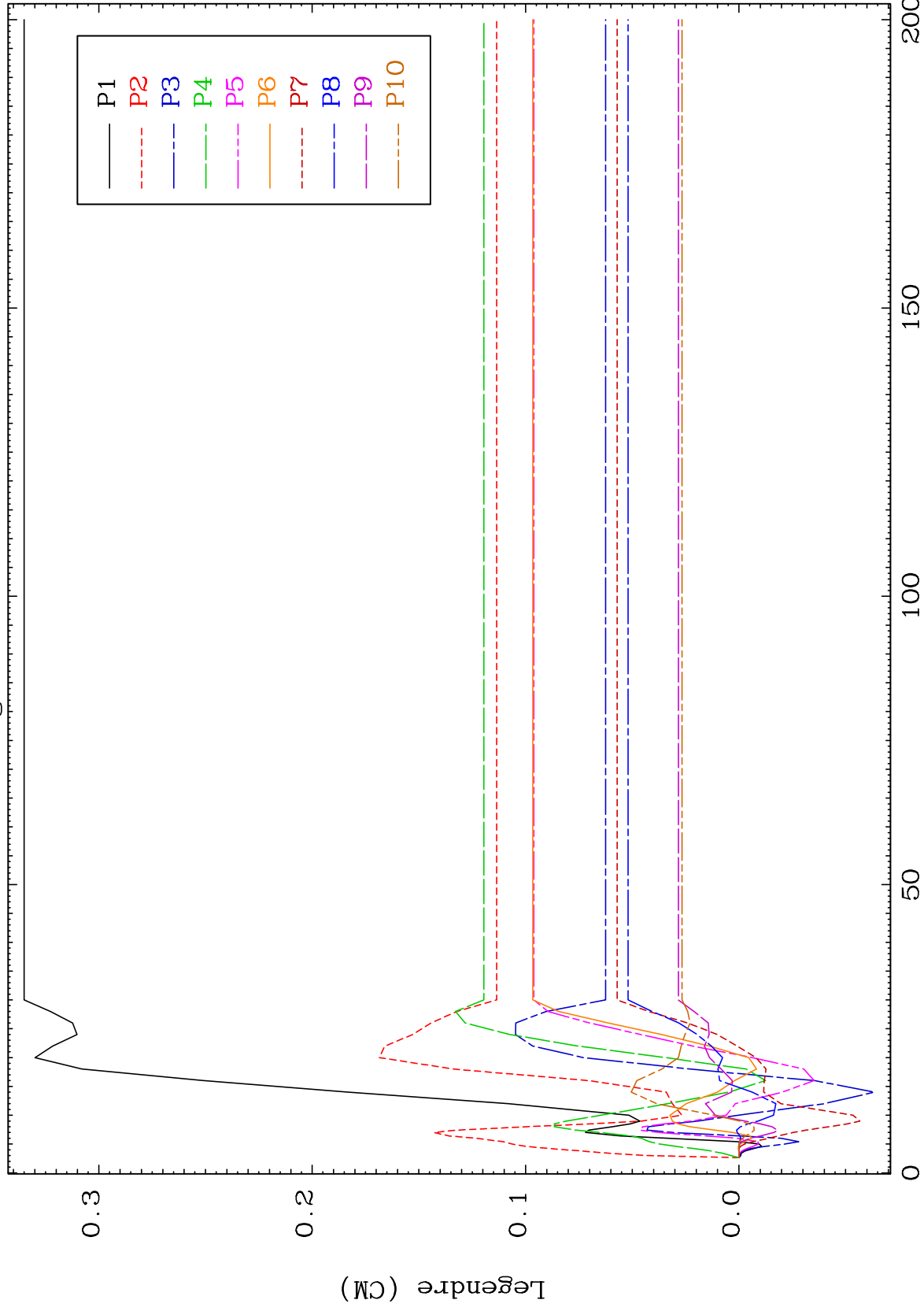




MAT 8219

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

82-Pb-202



118

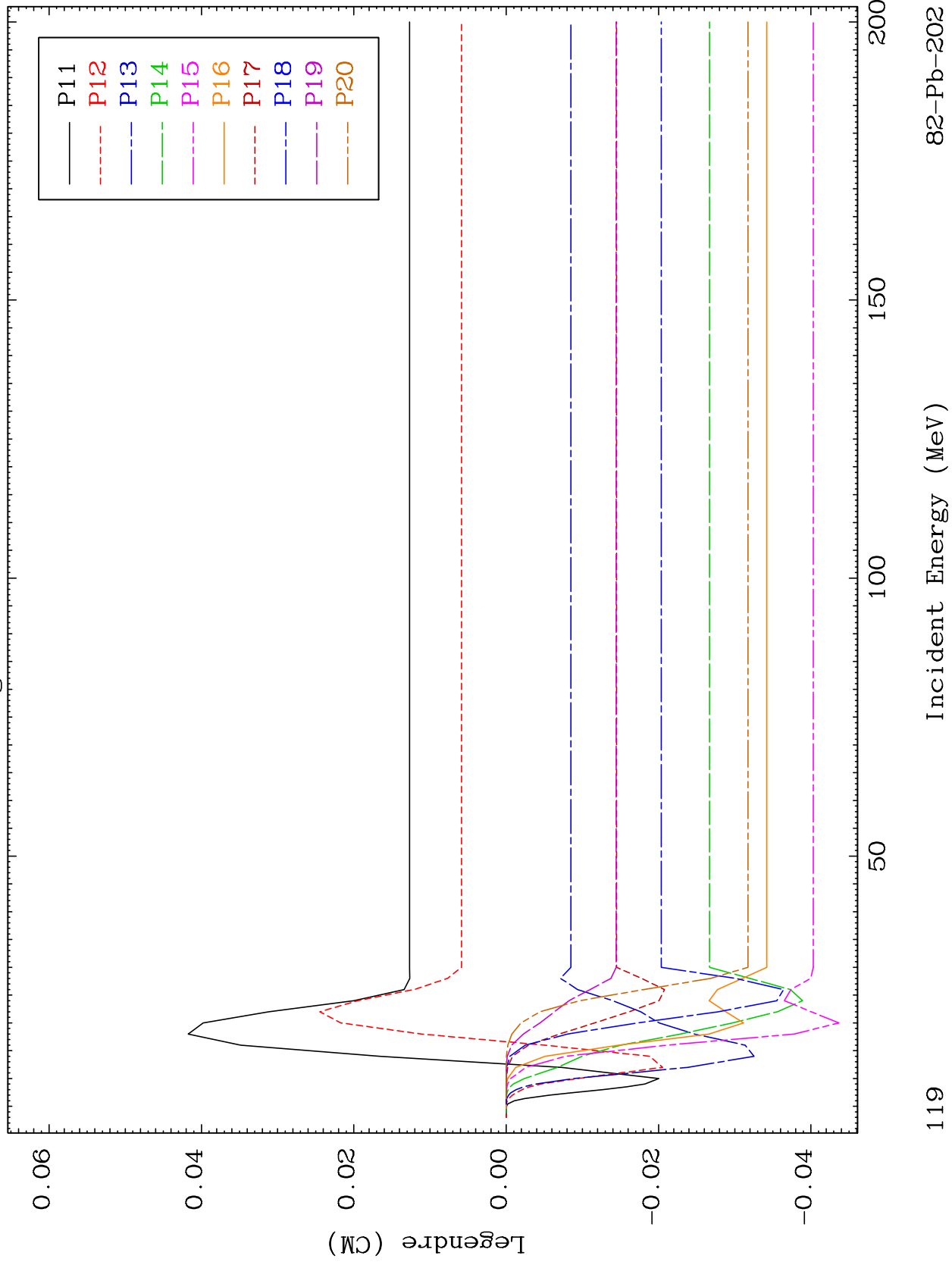
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

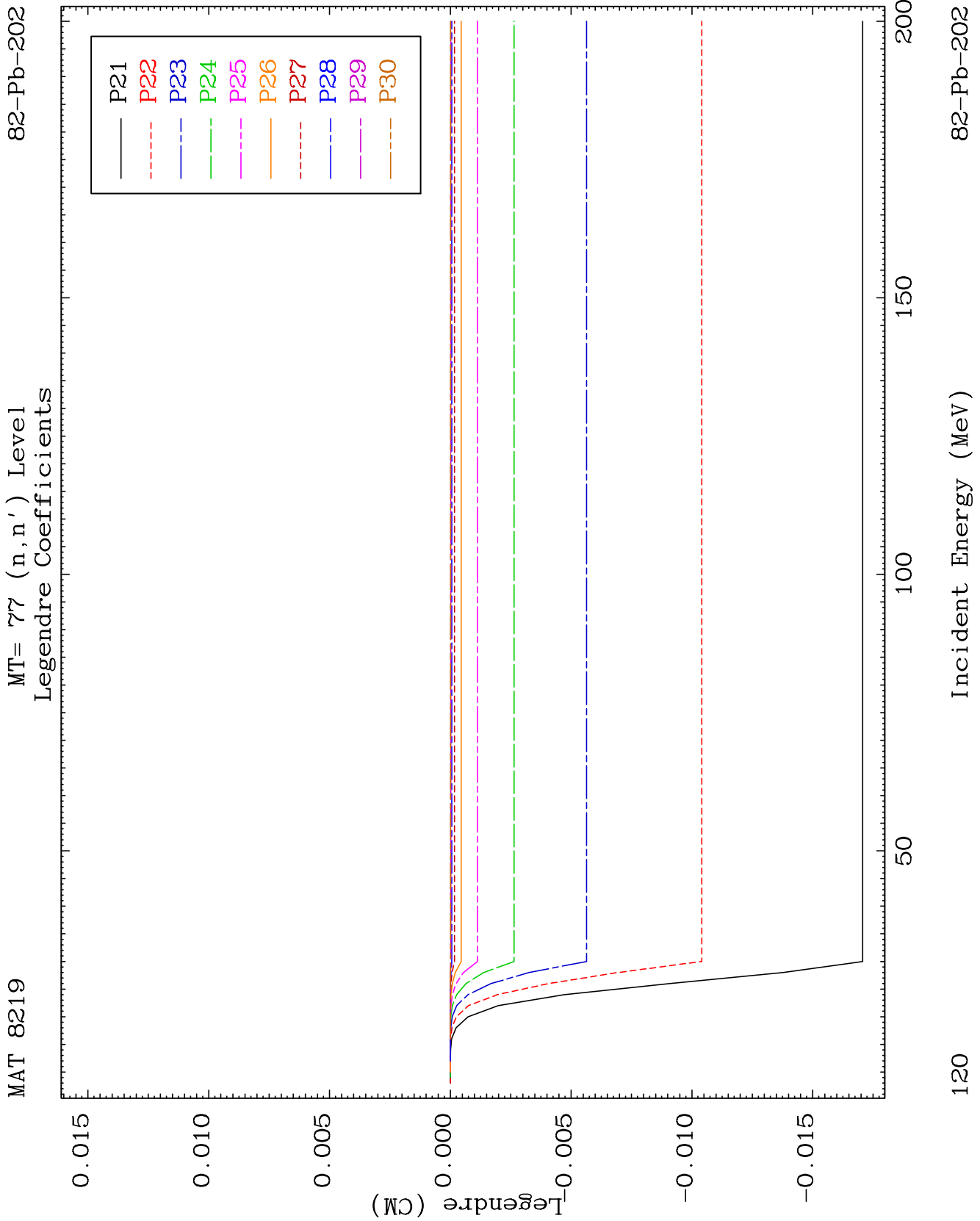
82-Pb-202

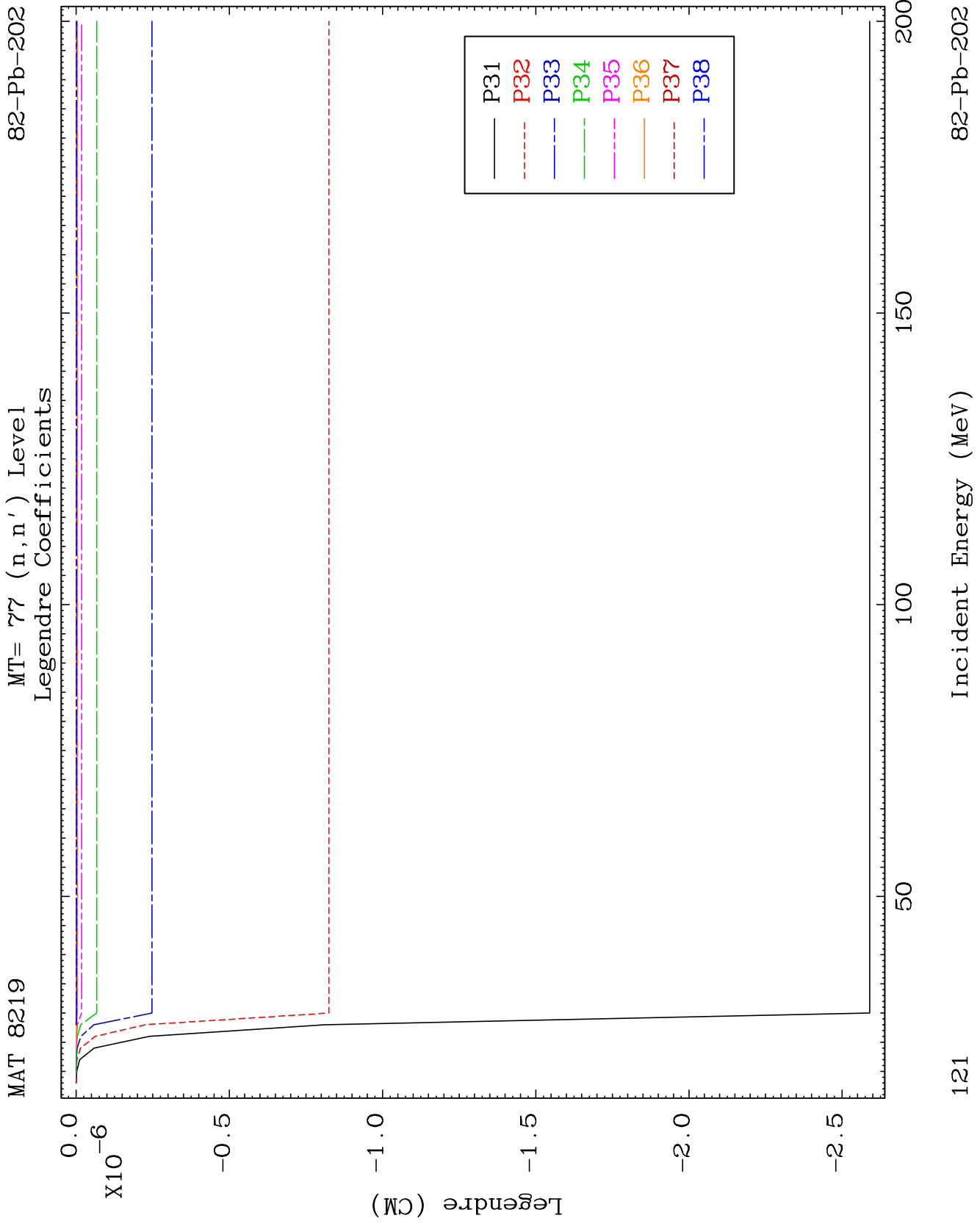


119

Incident Energy (MeV)

82-Pb-202

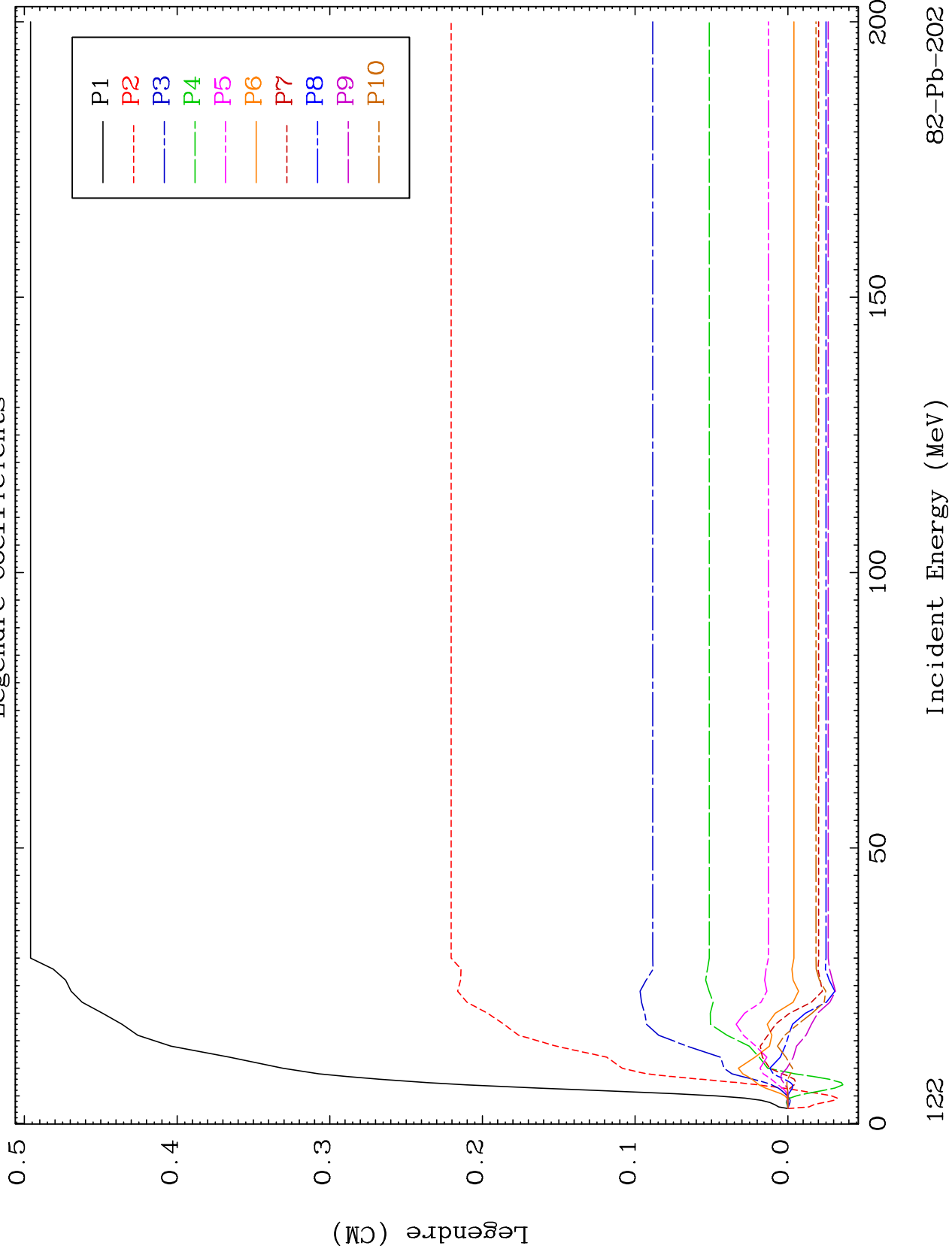




MAT 8219

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

82-Pb-202



122

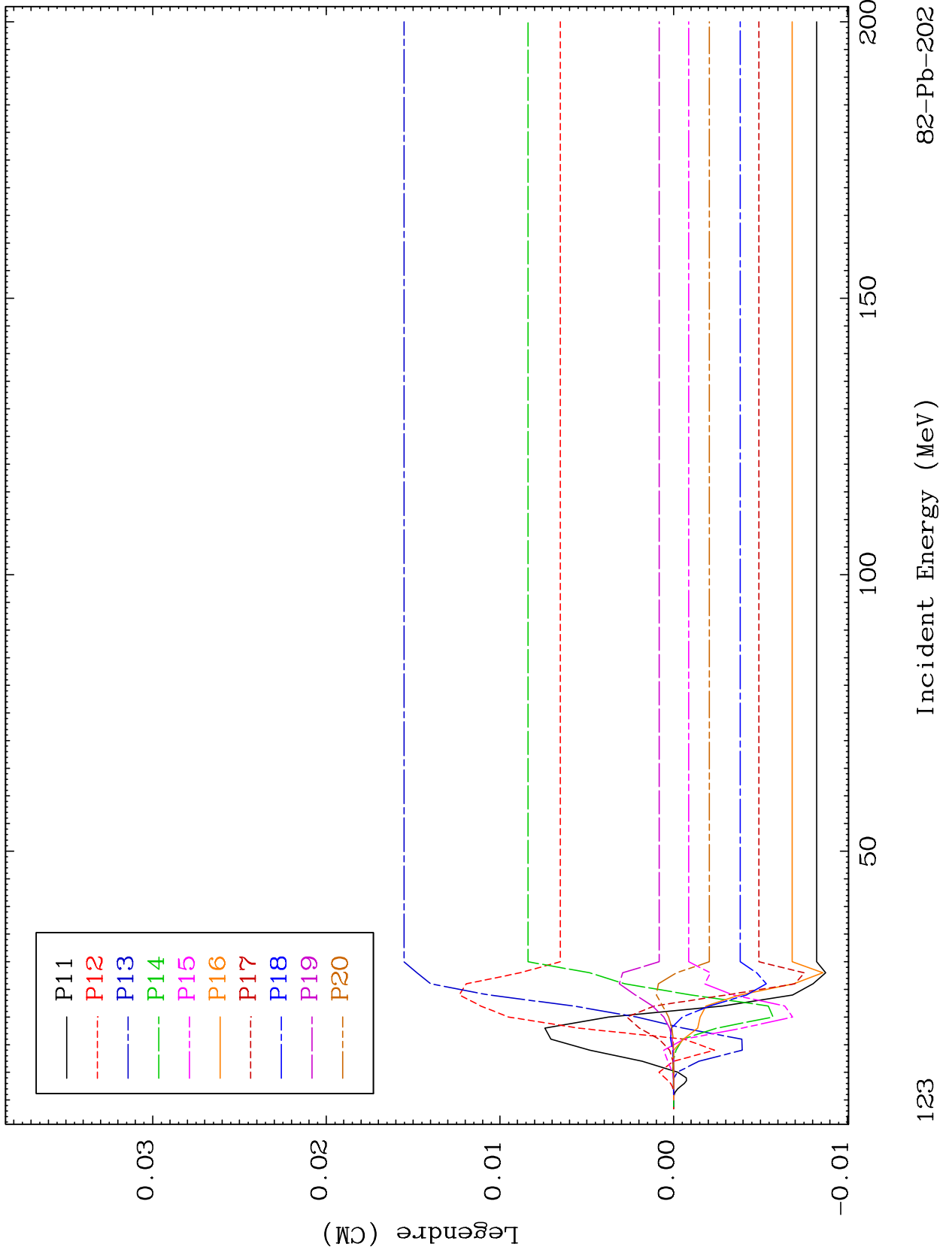
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

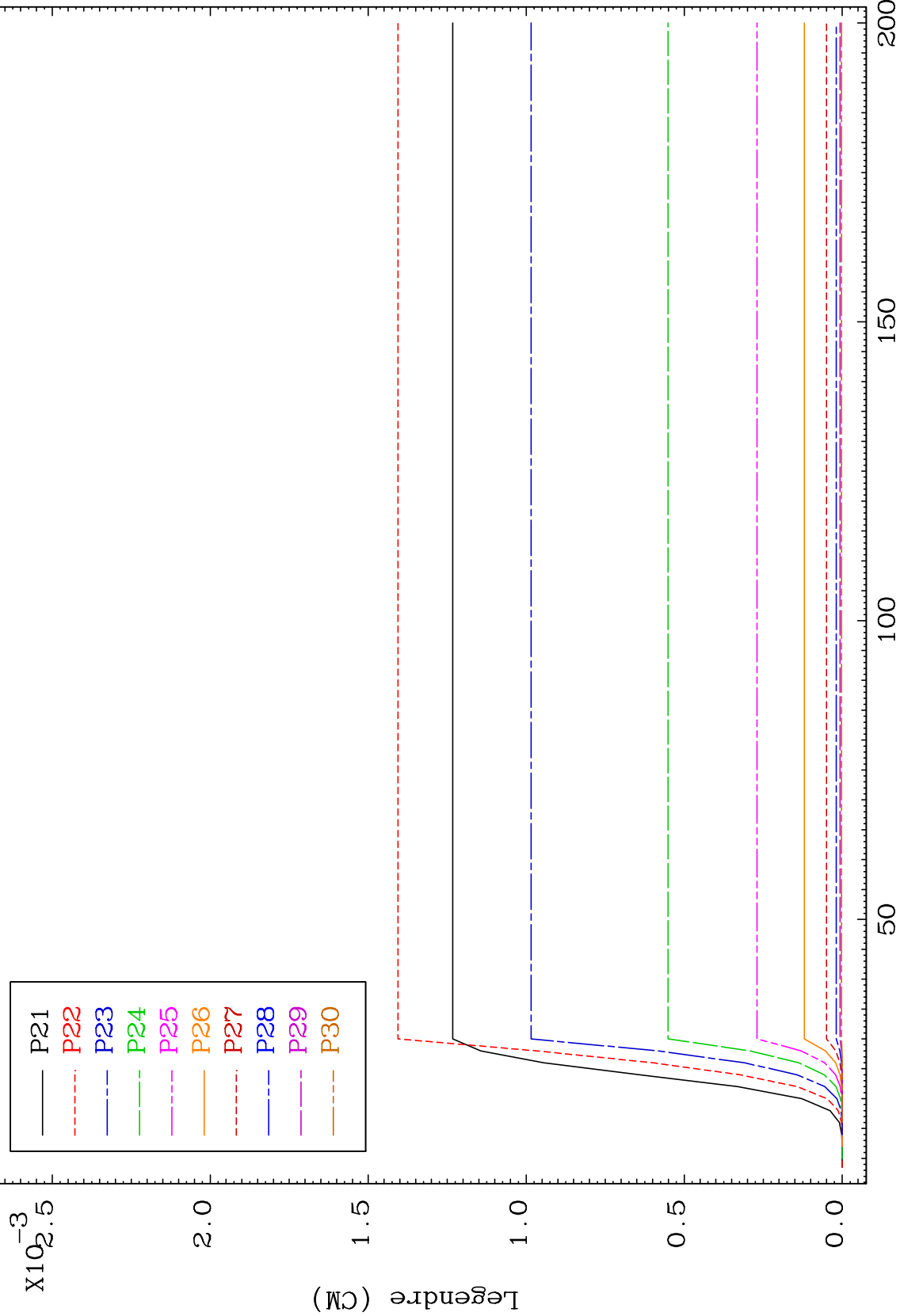
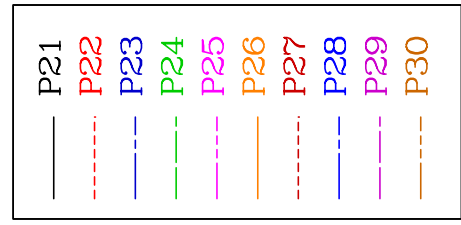
82-Pb-202



MAT 8219

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

82-Pb-202



124

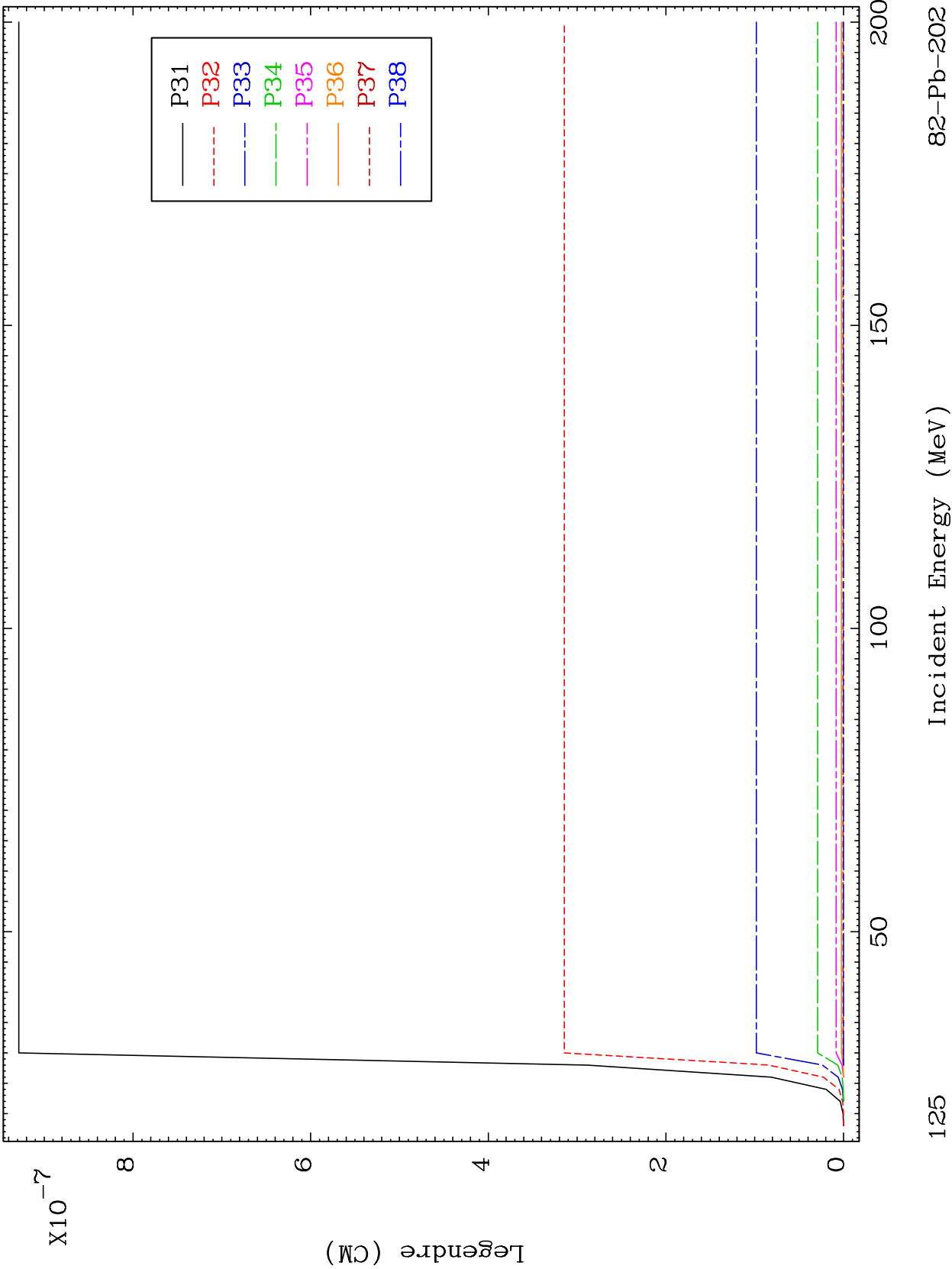
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



125

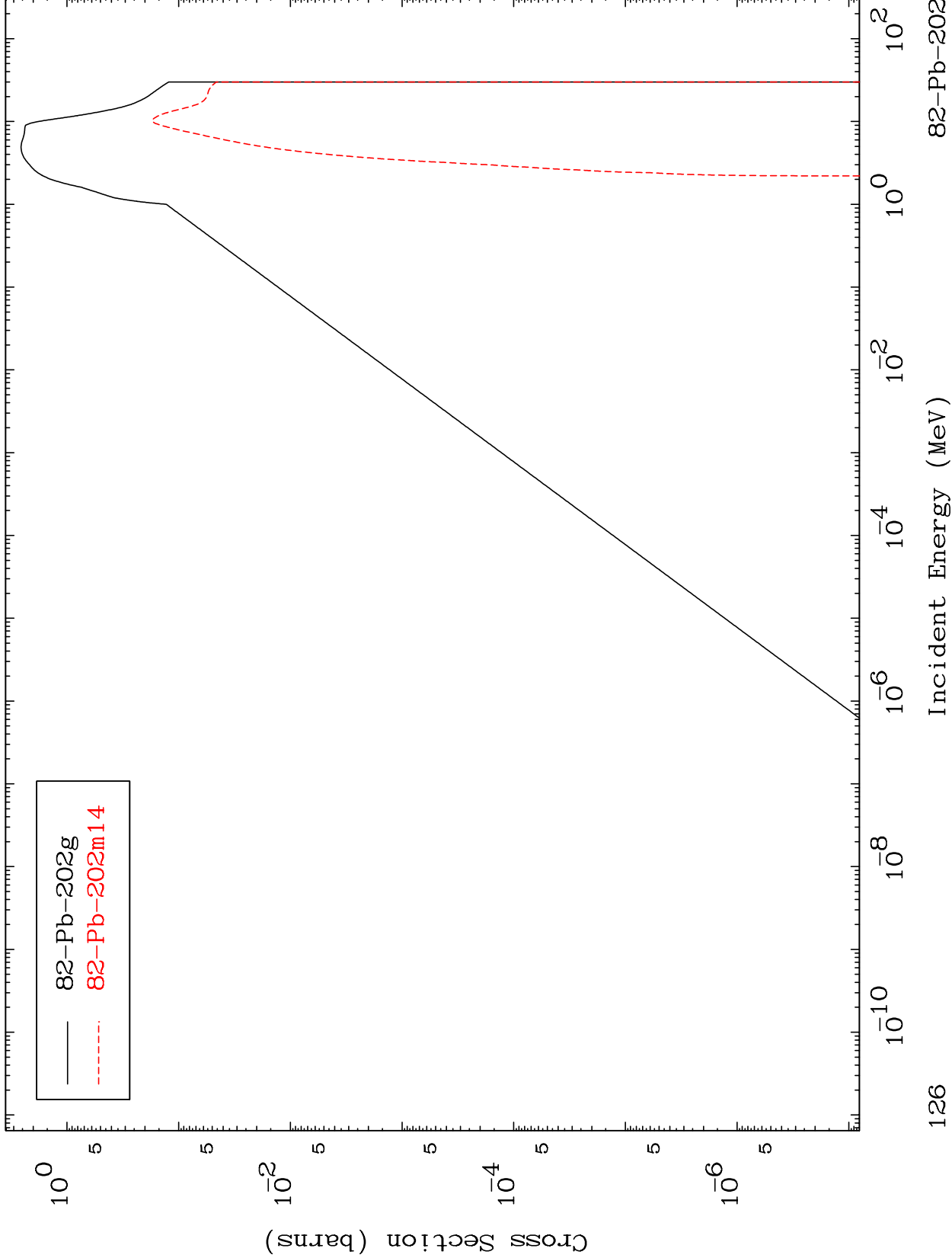
Incident Energy (MeV)

82-Pb-202

MAT 8219

Inelastic  
Radionuclide Production Cross Section

82-Pb-202

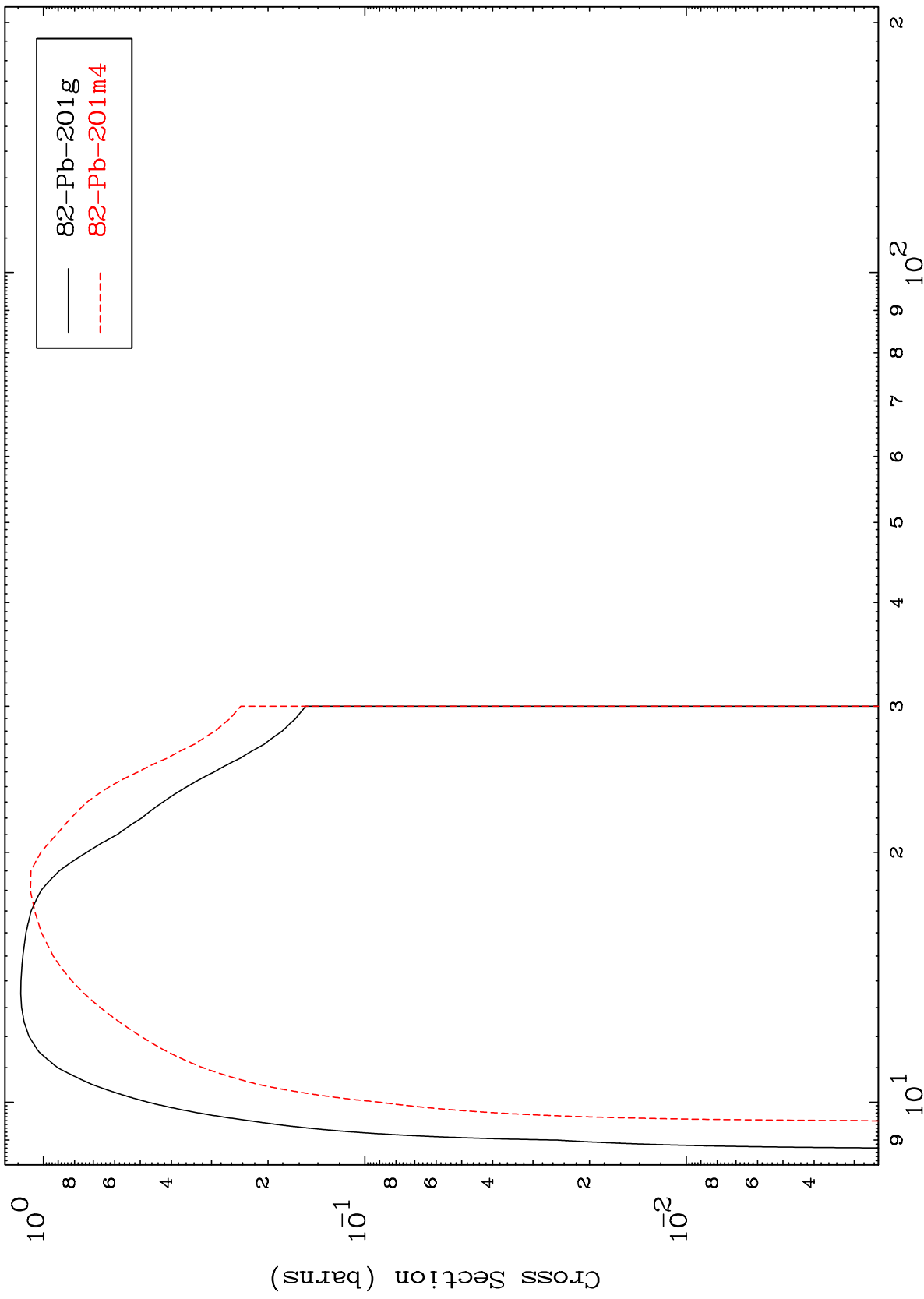


MAT 8219

82-Pb-202

(n,2n)

Radionuclide Production Cross Section



127

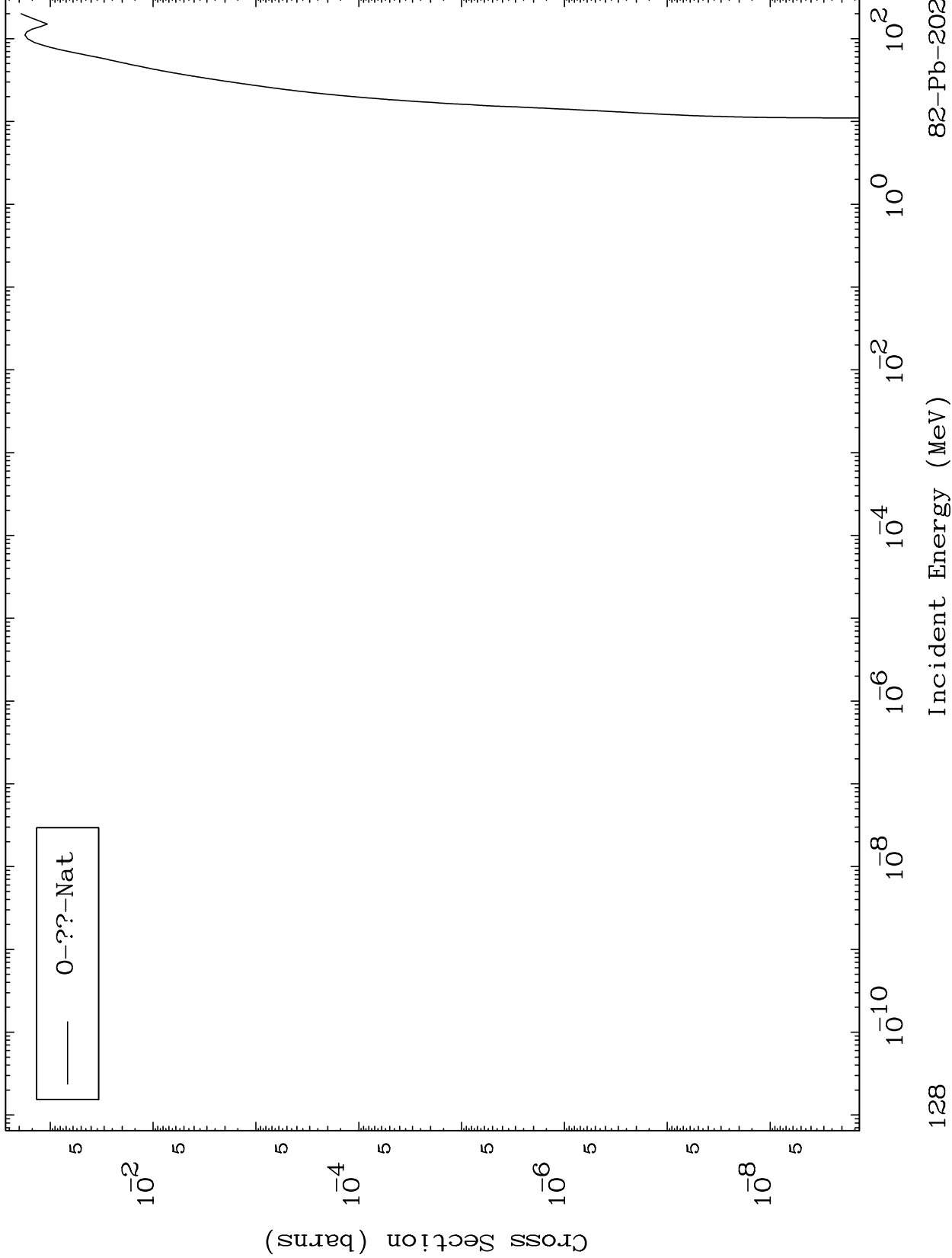
Incident Energy (MeV)

82-Pb-202

MAT 8219

Fission  
Radionuclide Production Cross Section

82-Pb-202

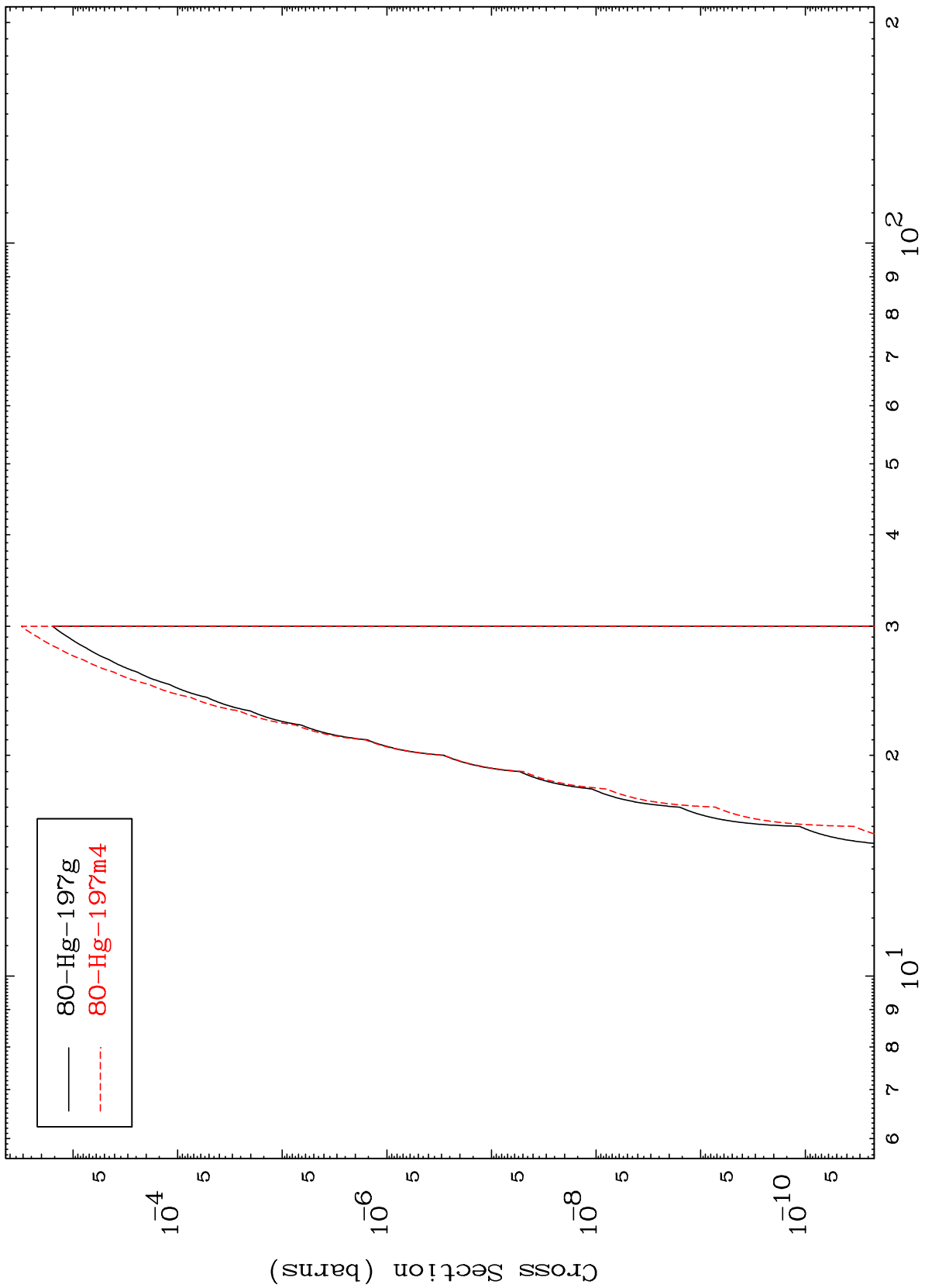


MAT 8219

(n,2n)  $\alpha$

82-Pb-202

Radionuclide Production Cross Section



129

Incident Energy (MeV)

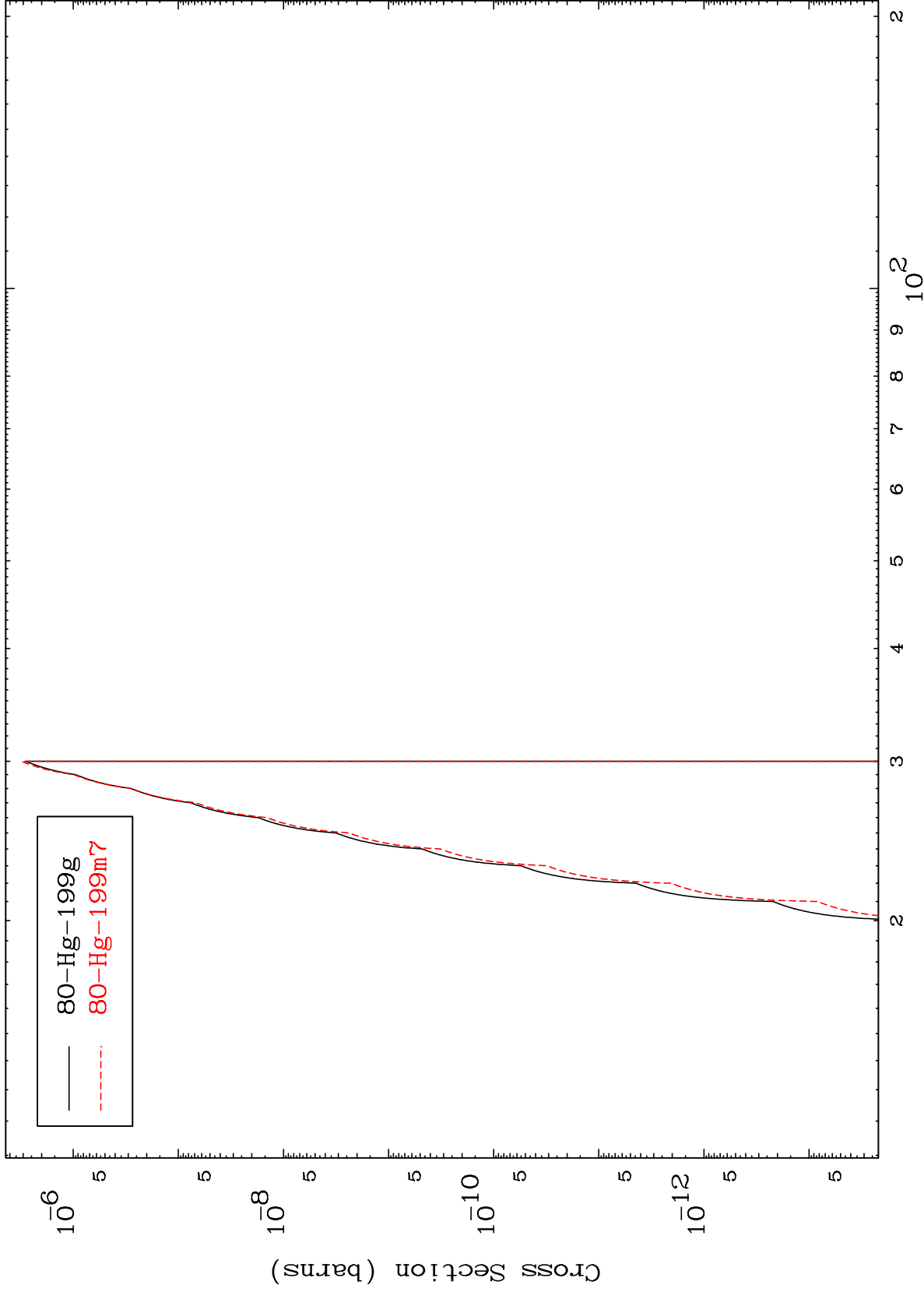
82-Pb-202

MAT 8219

(n,n') He-3

82-Pb-202

Radionuclide Production Cross Section



130

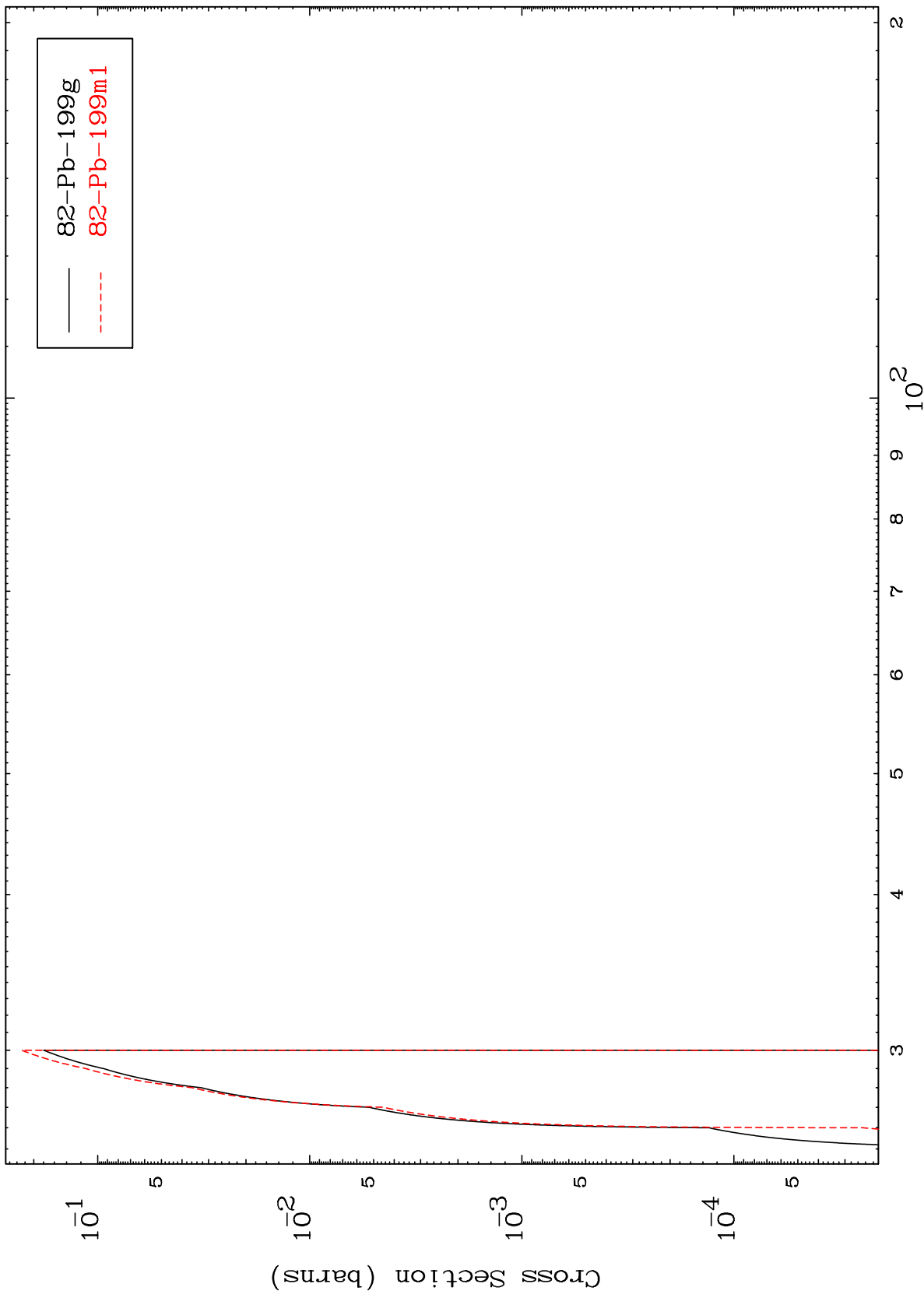
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

(n,4n)  
Radionuclide Production Cross Section



131

82-Pb-202

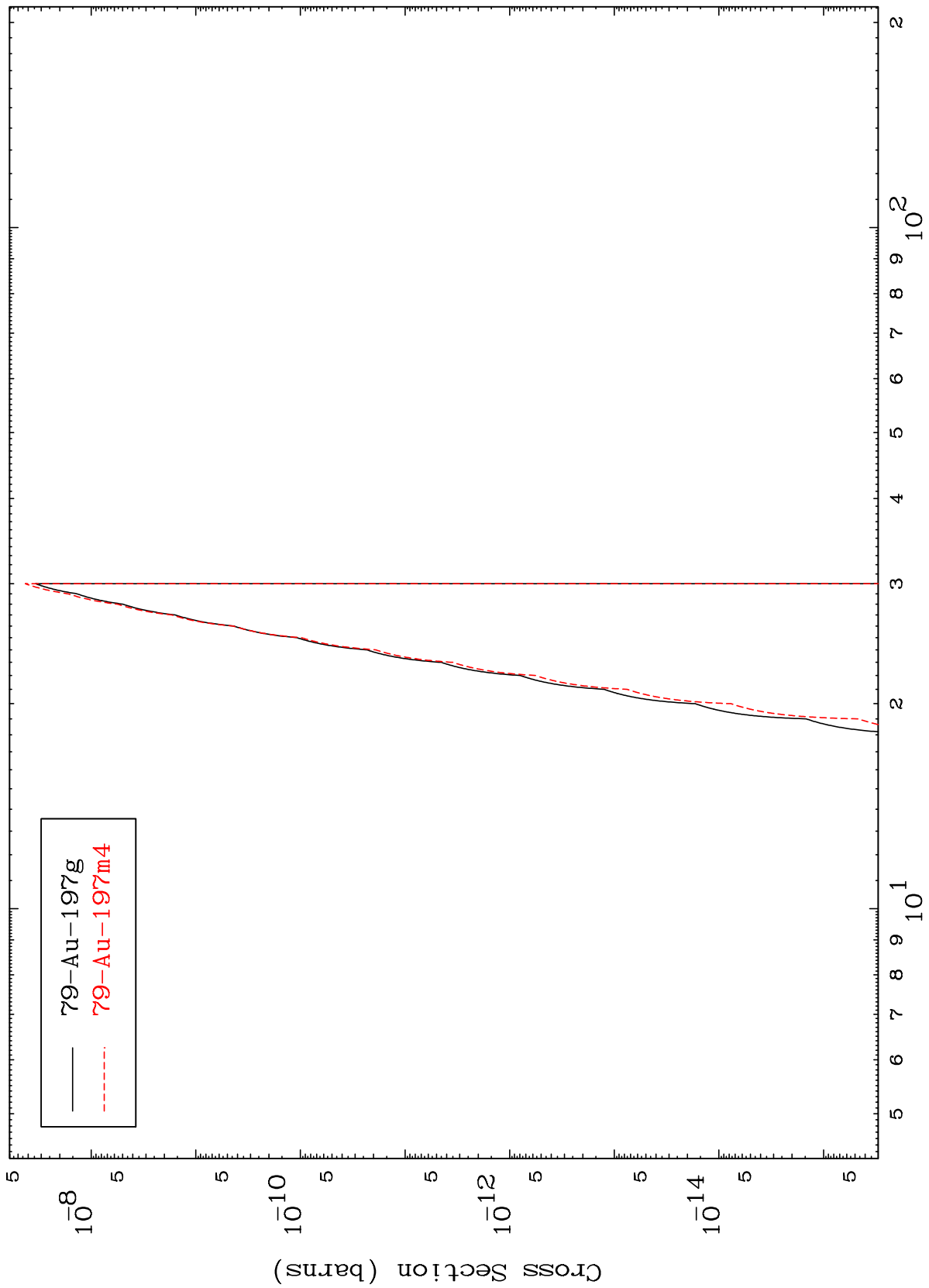
Incident Energy (MeV)

MAT 8219

(n,n') p  $\alpha$

82-Pb-202

Radionuclide Production Cross Section



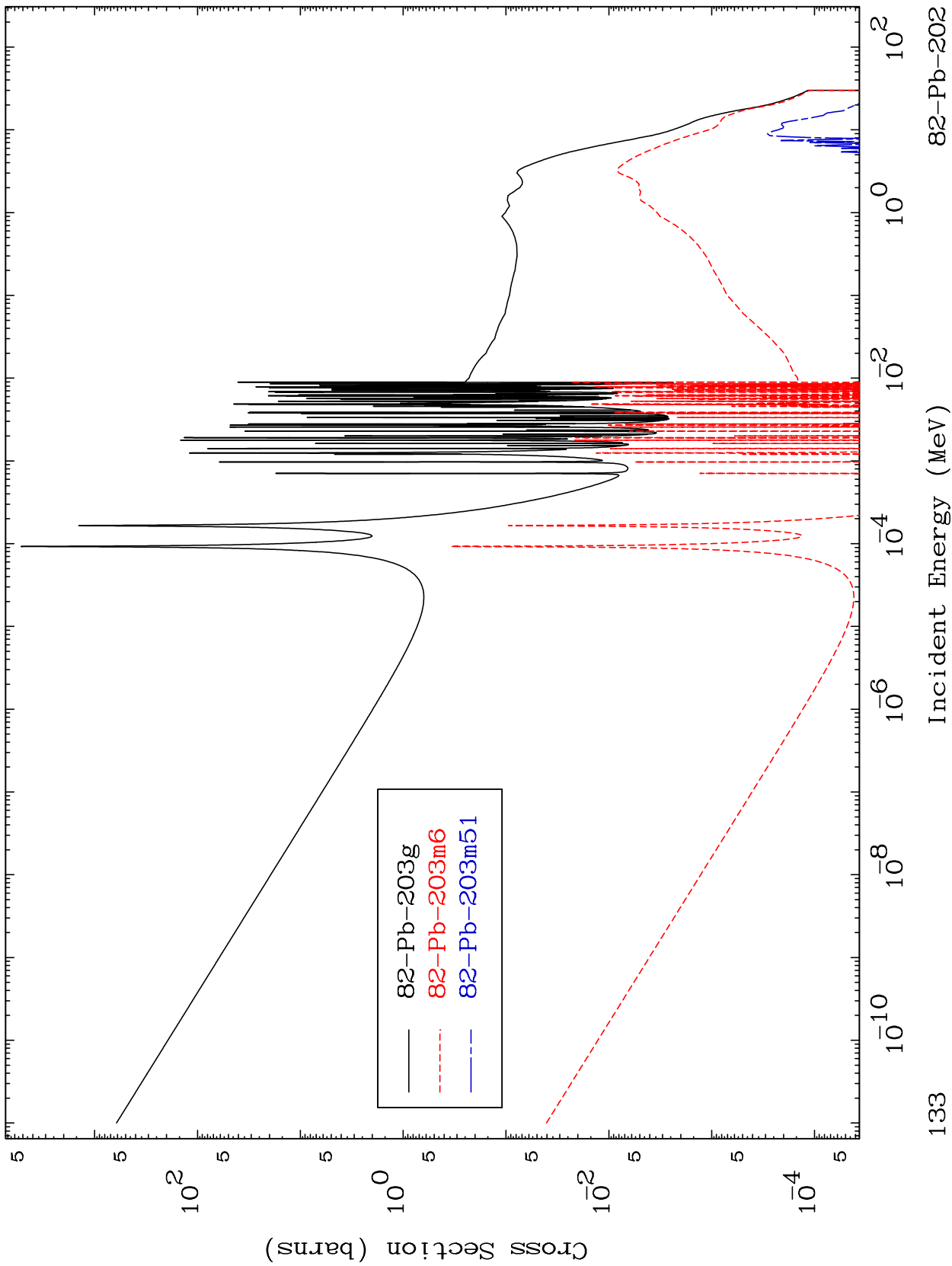
79-Au-197g  
79-Au-197m4

132

Incident Energy (MeV)

82-Pb-202

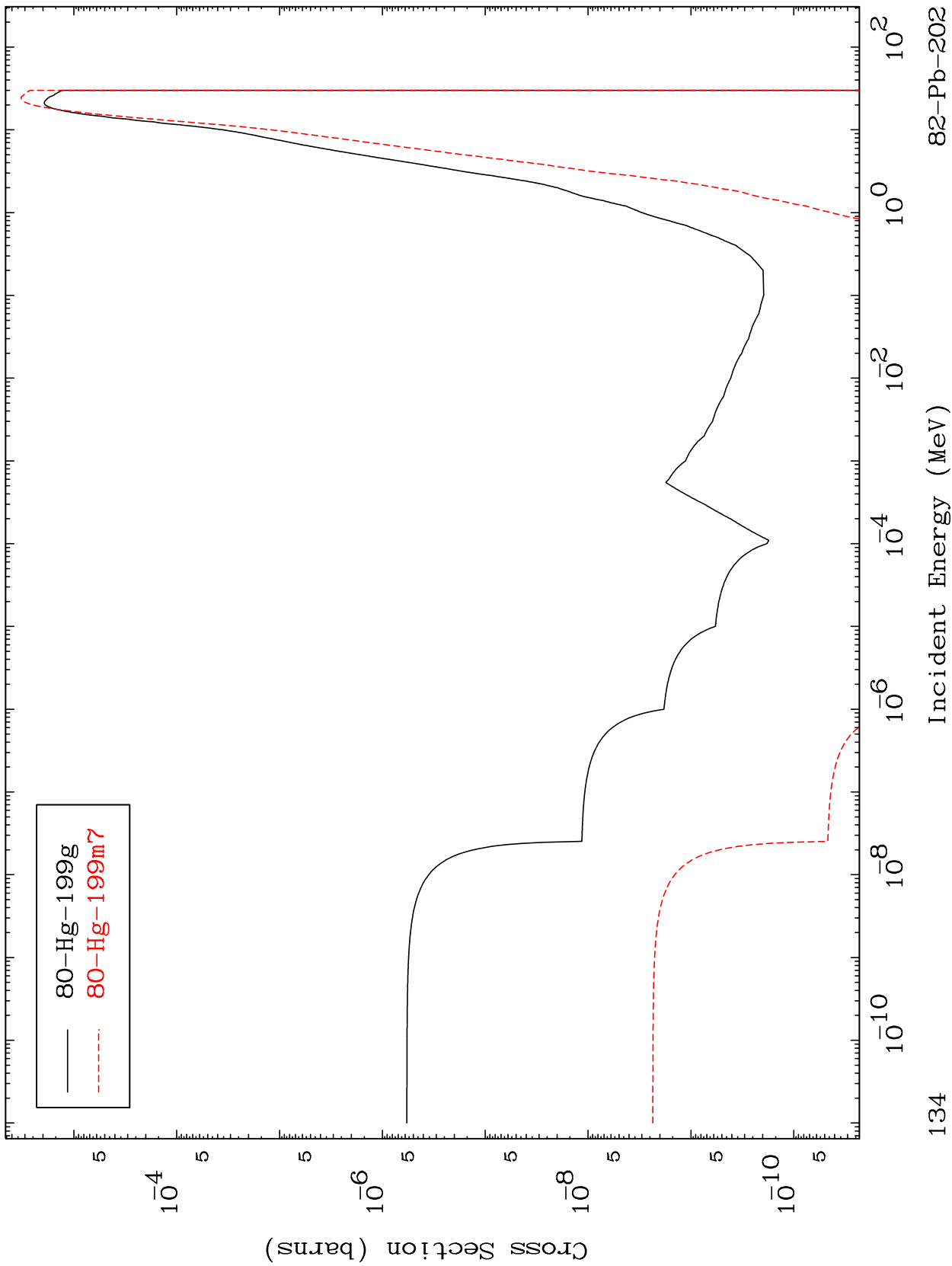
(n,γ)  
Radionuclide Production Cross Section



MAT 8219

82-Pb-202

(n,  $\alpha$ )  
Radionuclide Production Cross Section

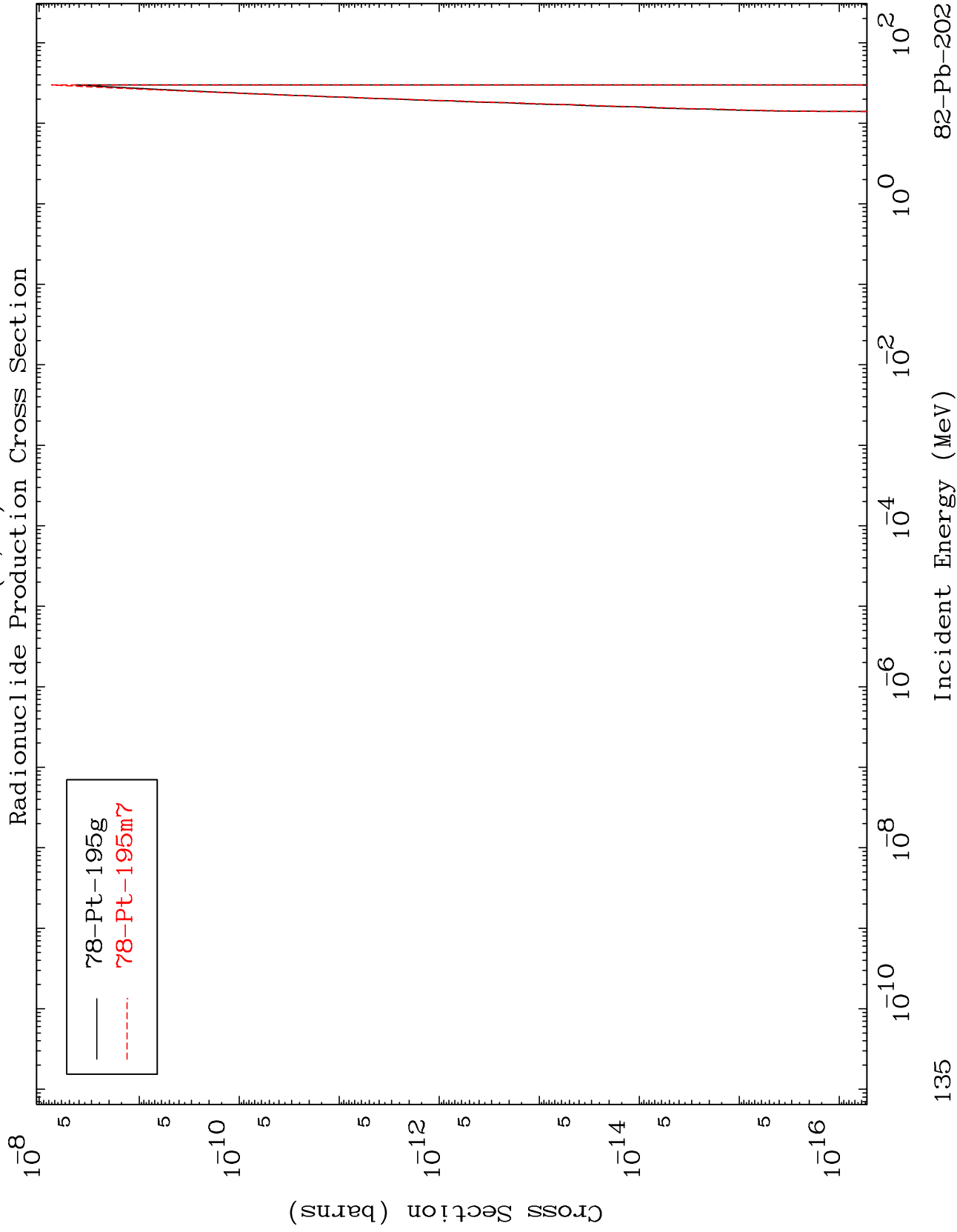


MAT 8219

(n,2α)

82-Pb-202

Radionuclide Production Cross Section



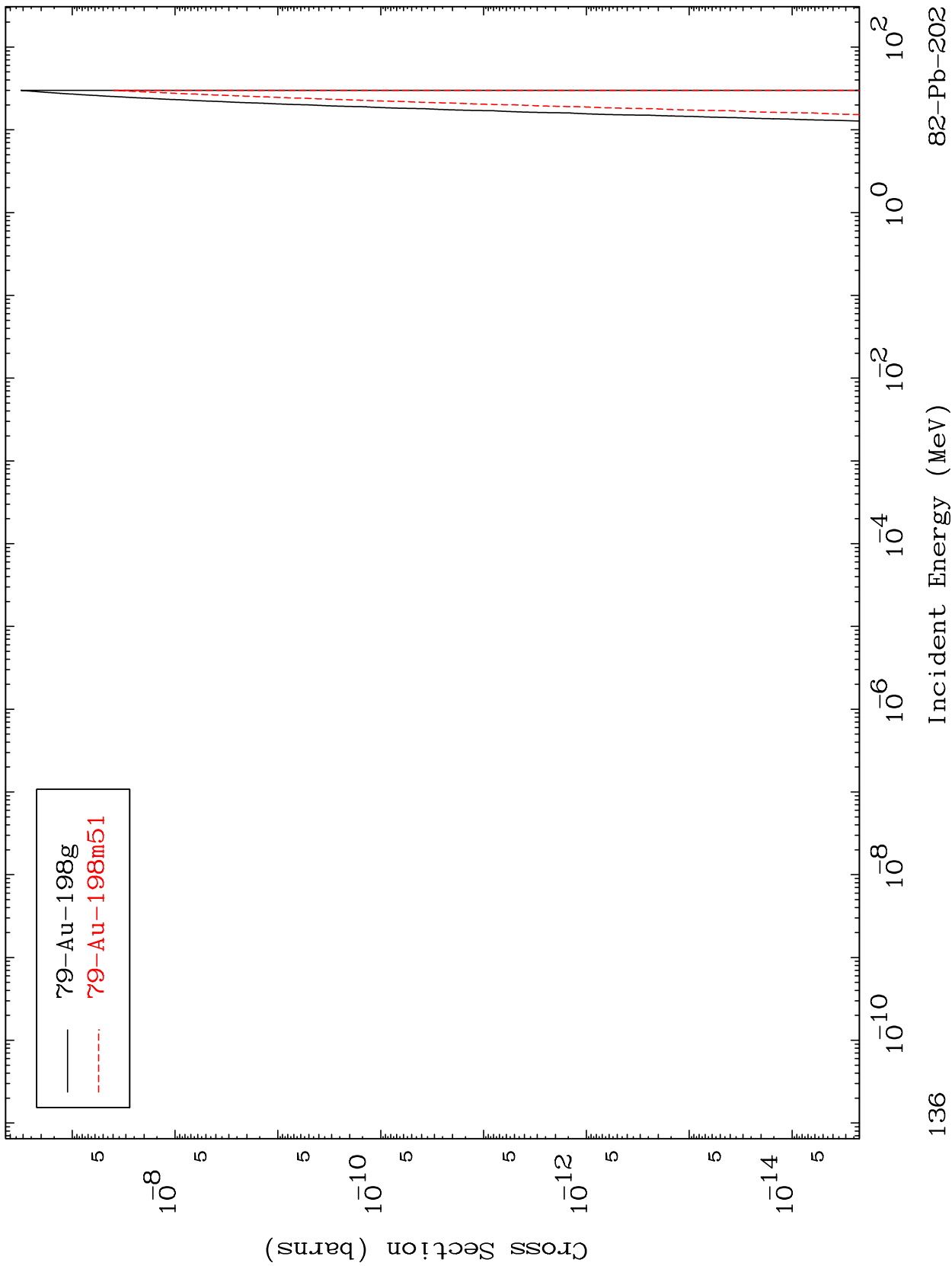
135

MAT 8219

(n,p)  $\alpha$

82-Pb-202

Radionuclide Production Cross Section

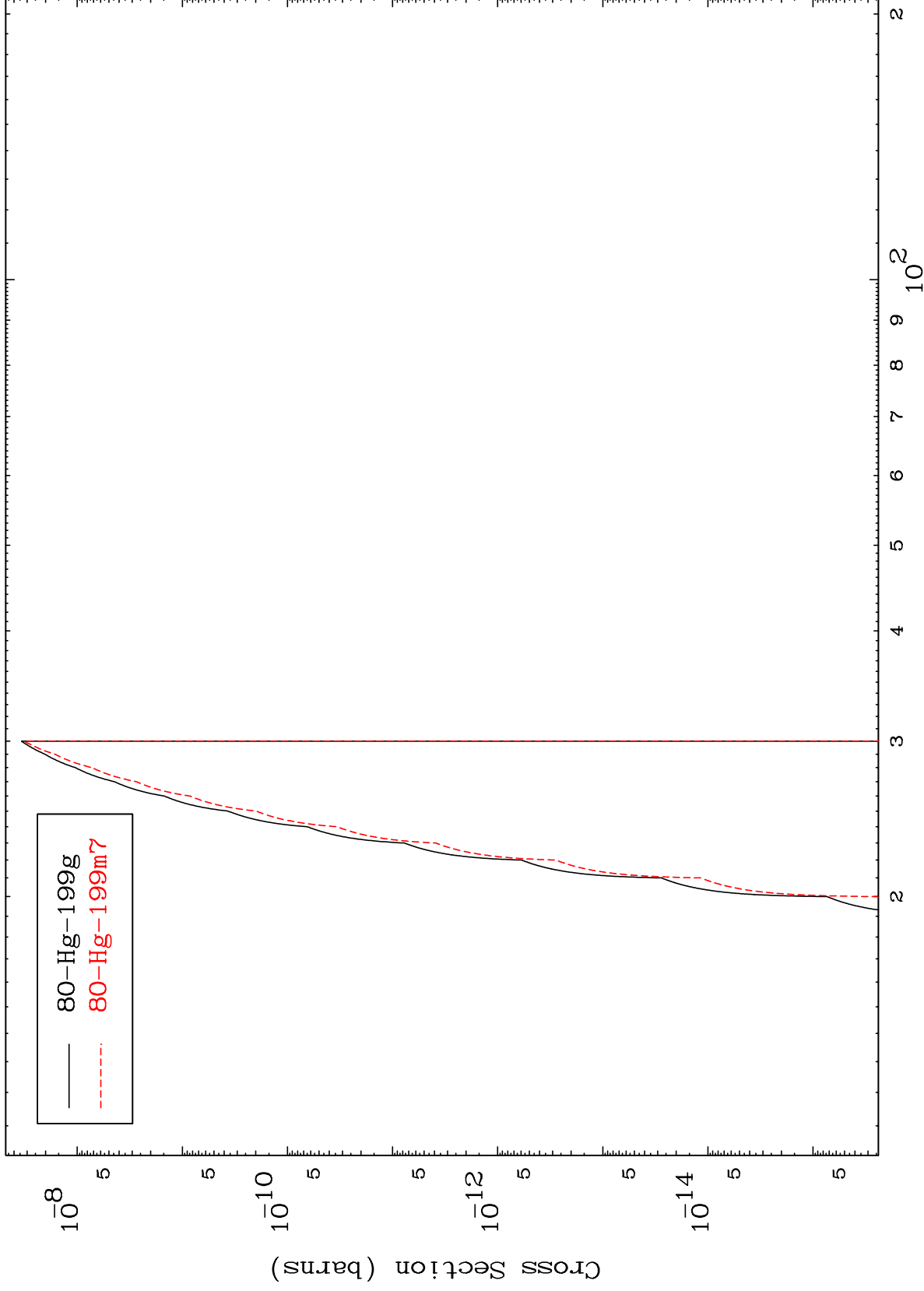


MAT 8219

(n,p) t

82-Pb-202

Radionuclide Production Cross Section



137

Incident Energy (MeV)

82-Pb-202