

Program EVALPLOT
(Version 2017-1)

by

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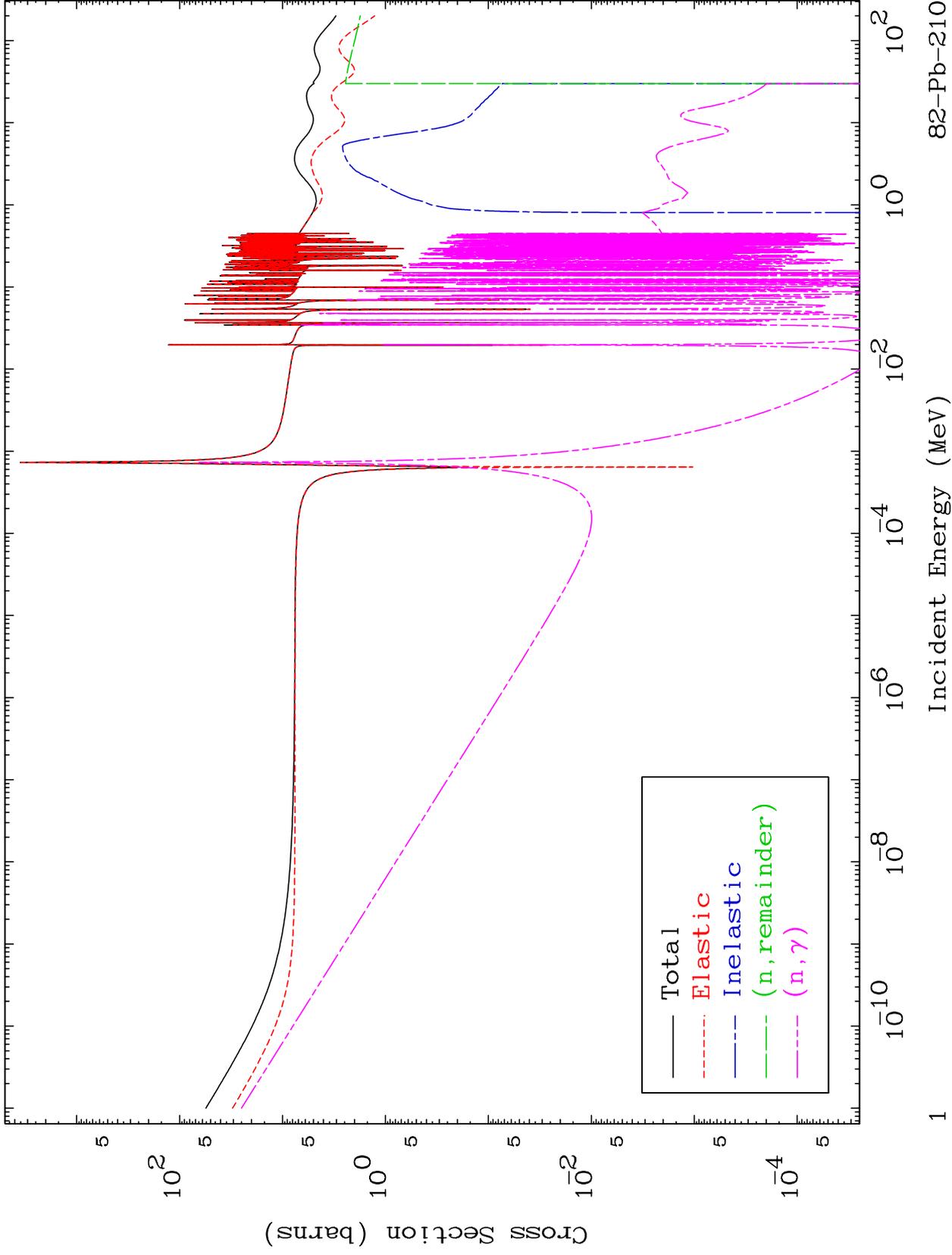
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Press Mouse Button to Start

MAT 8243

Major
293 Kelvin Cross Sections

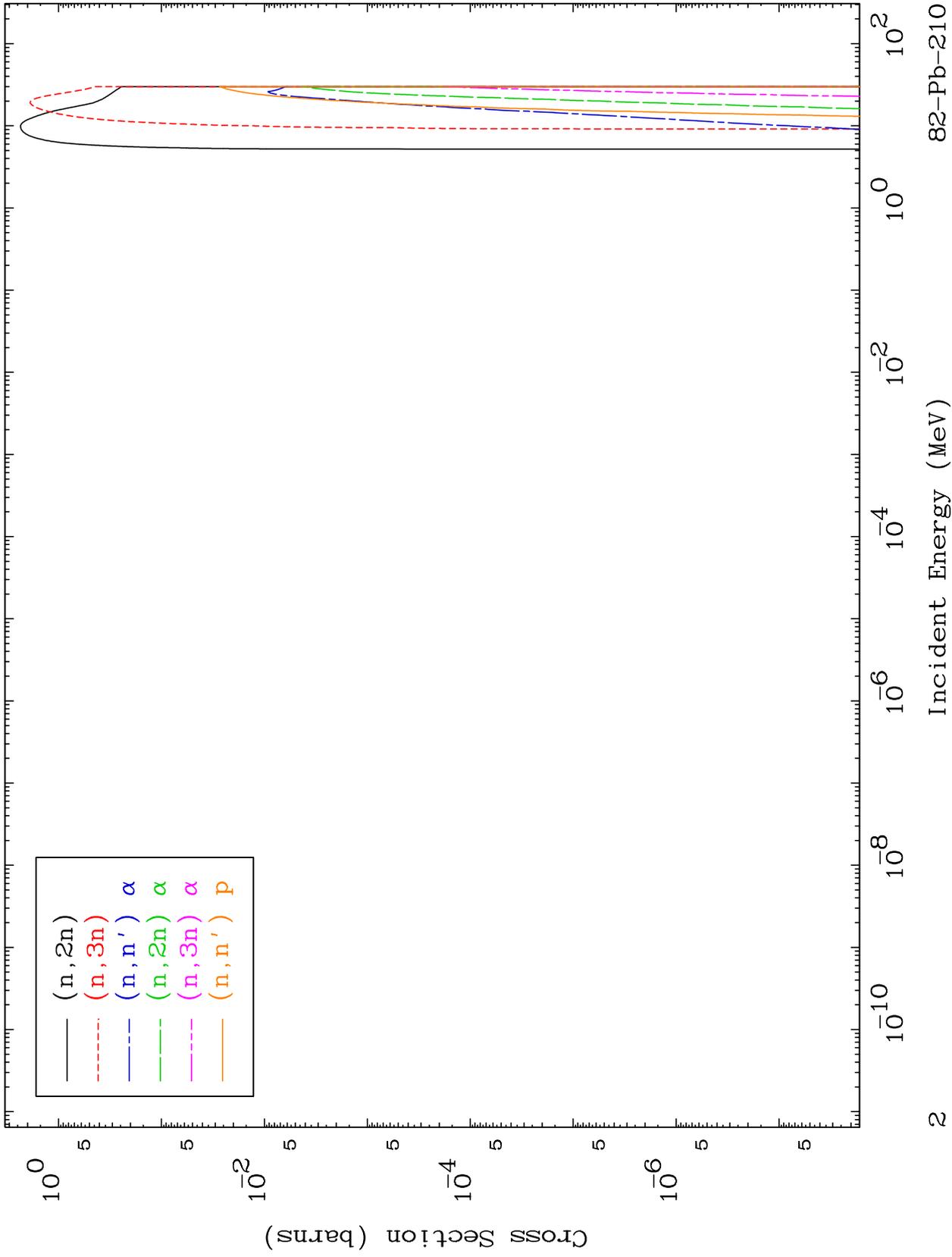
82-Pb-210



MAT 8243

Neutron Production
293 Kelvin Cross Sections

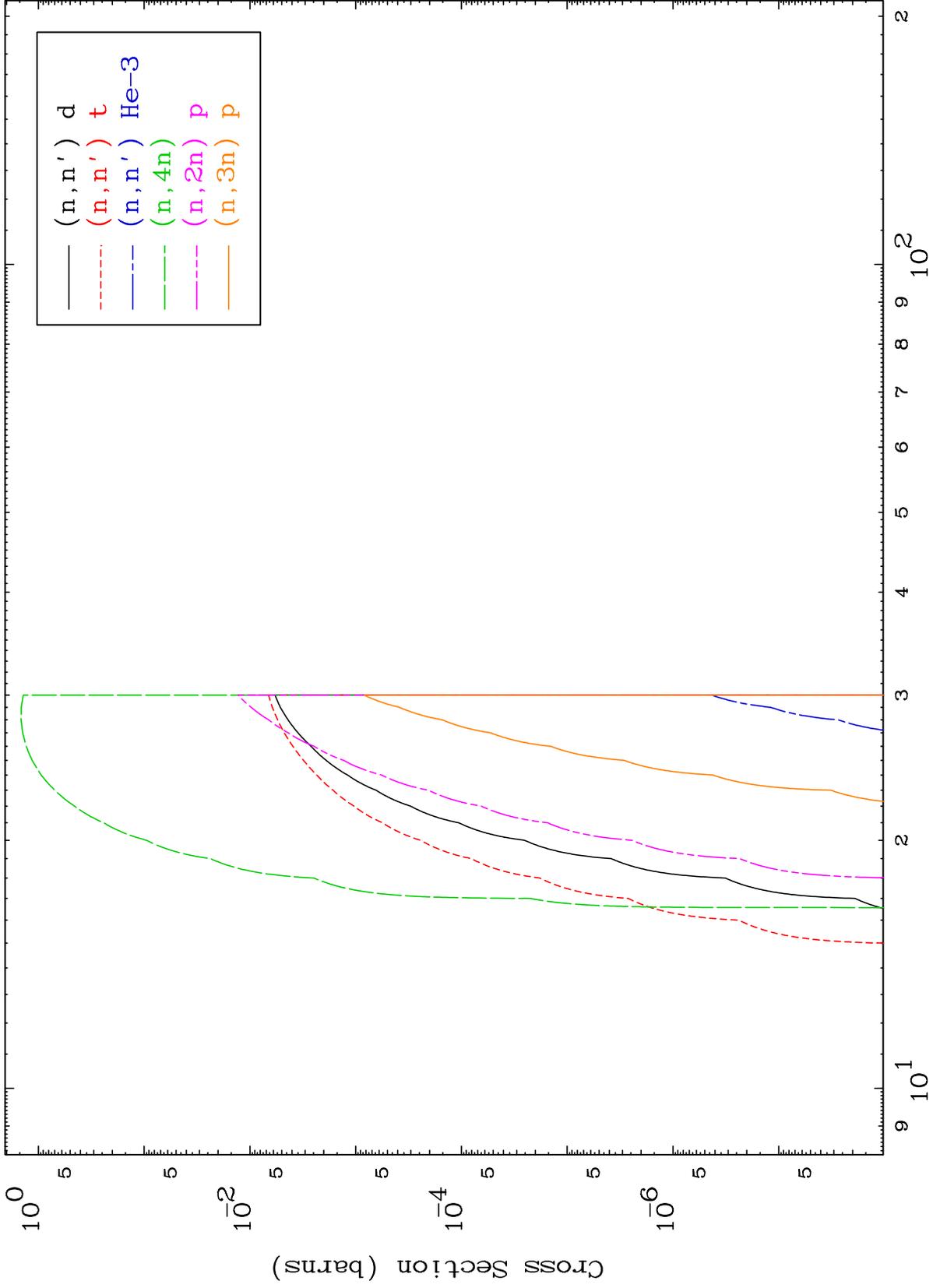
82-Pb-210



MAT 8243

Neutron Production
293 Kelvin Cross Sections

82-Pb-210



3

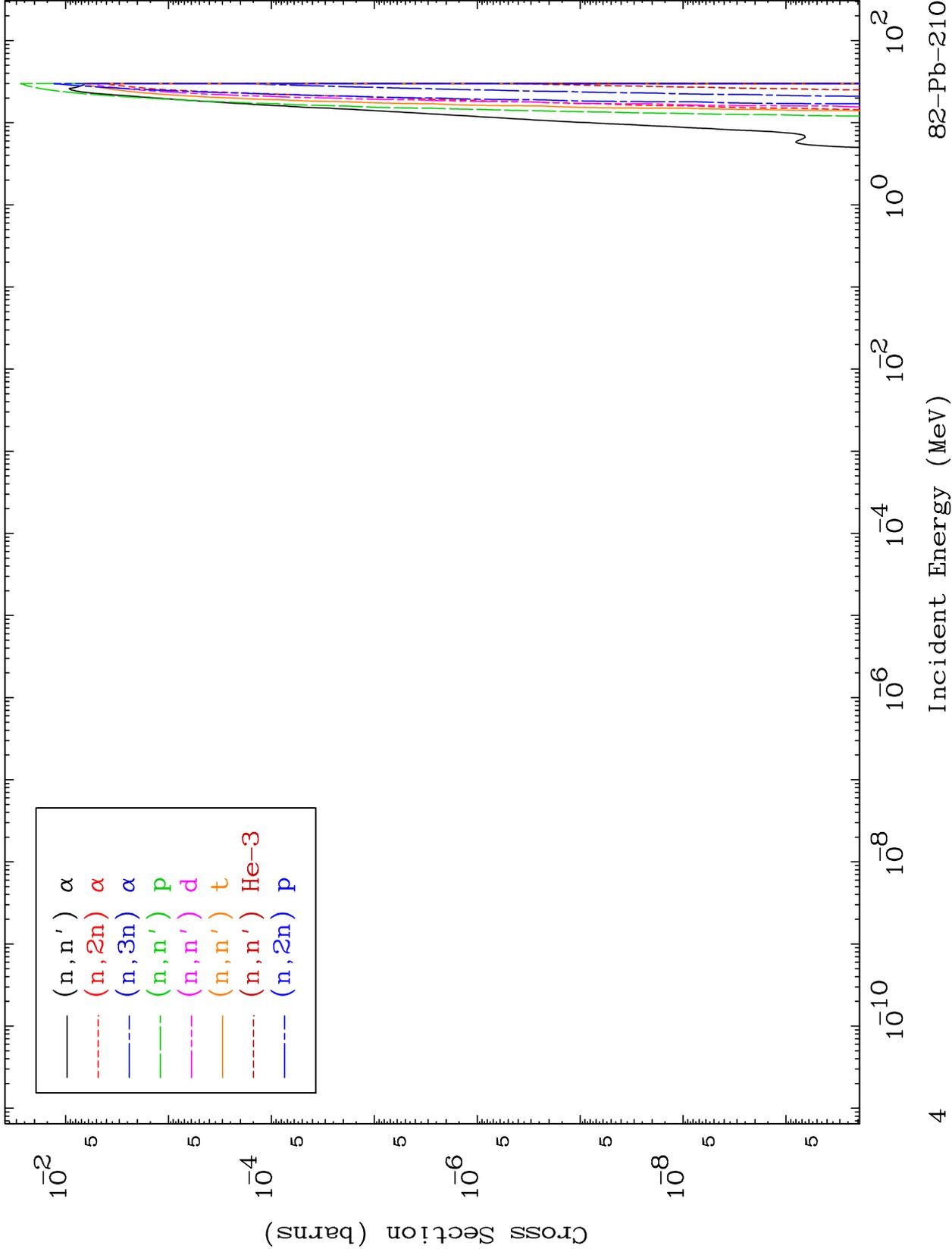
Incident Energy (MeV)

82-Pb-210

MAT 8243

Charged Particle
293 Kelvin Cross Sections

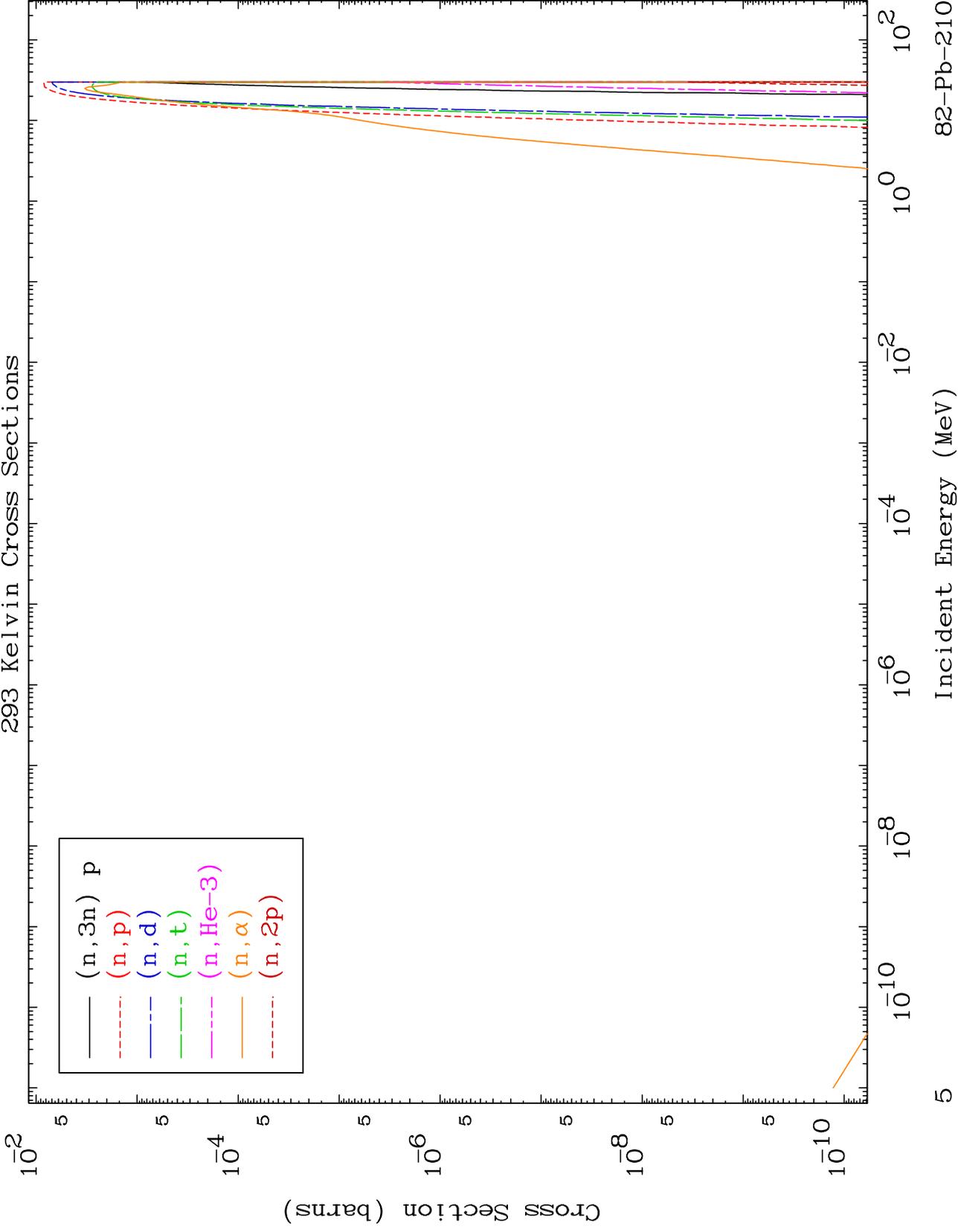
82-Pb-210



MAT 8243

Charged Particle
293 Kelvin Cross Sections

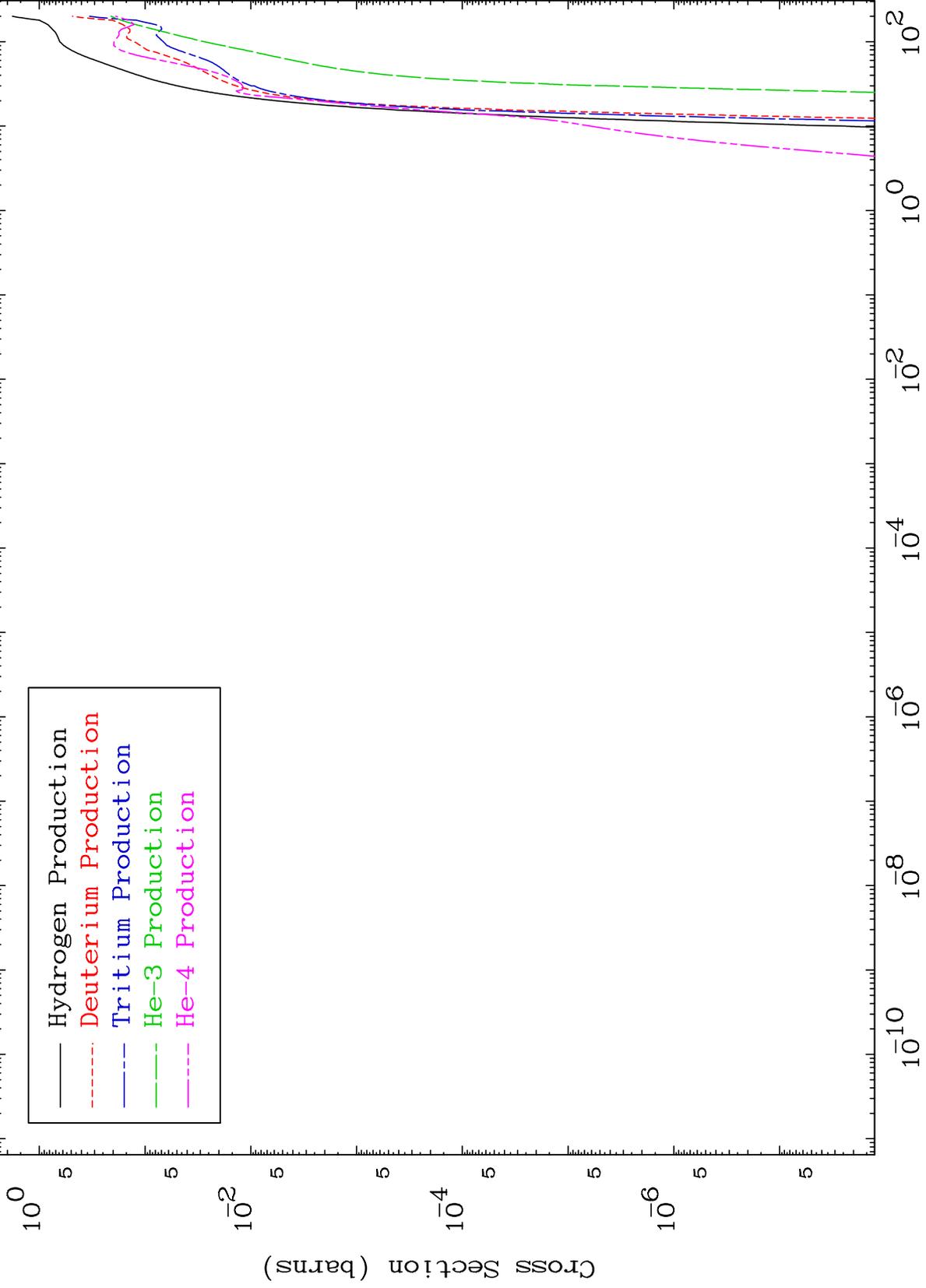
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MAT 8243

Particle Production
293 Kelvin Cross Sections

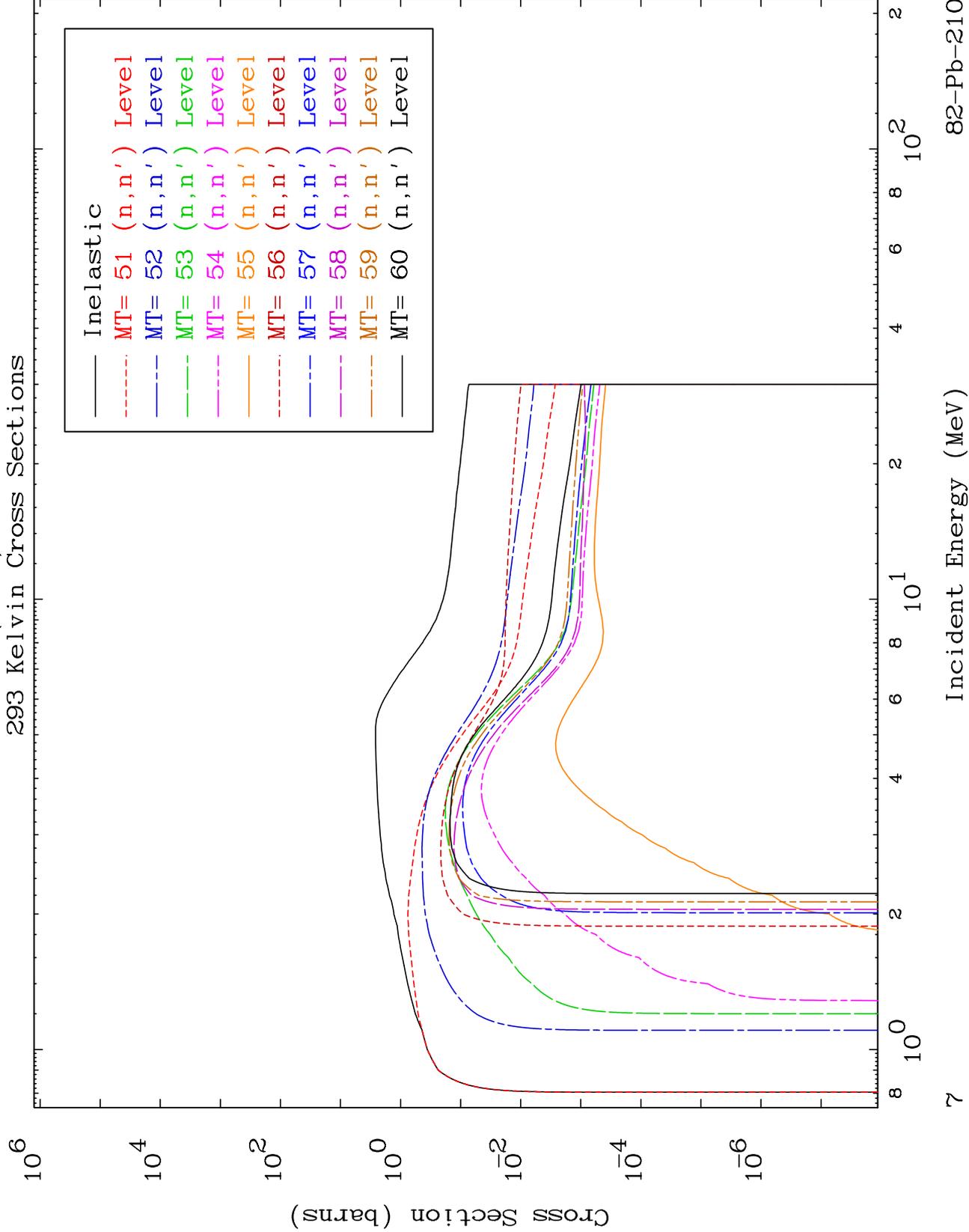
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MAT 8243

(n,n') Level

82-Pb-210

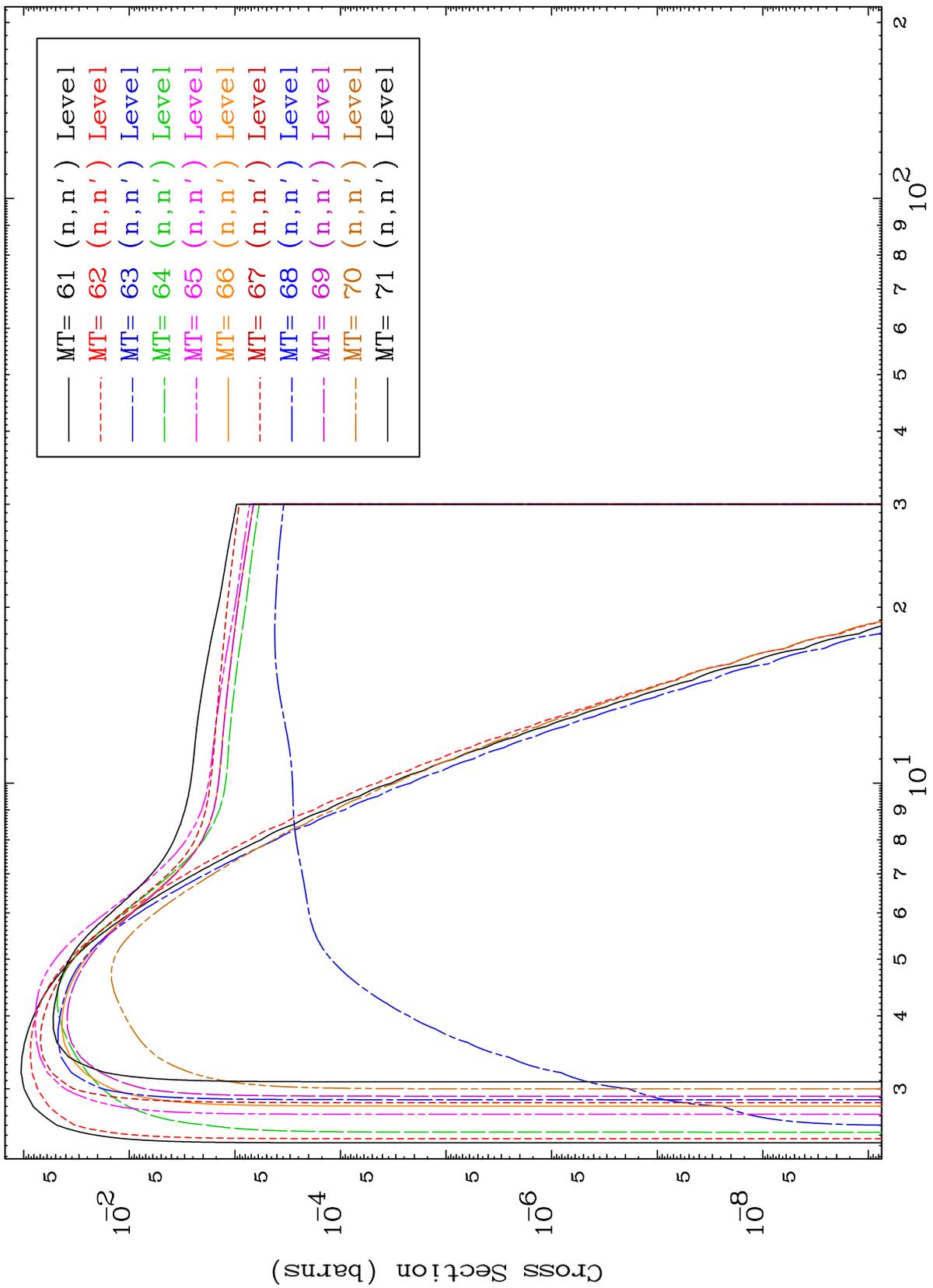


MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



8

Incident Energy (MeV)

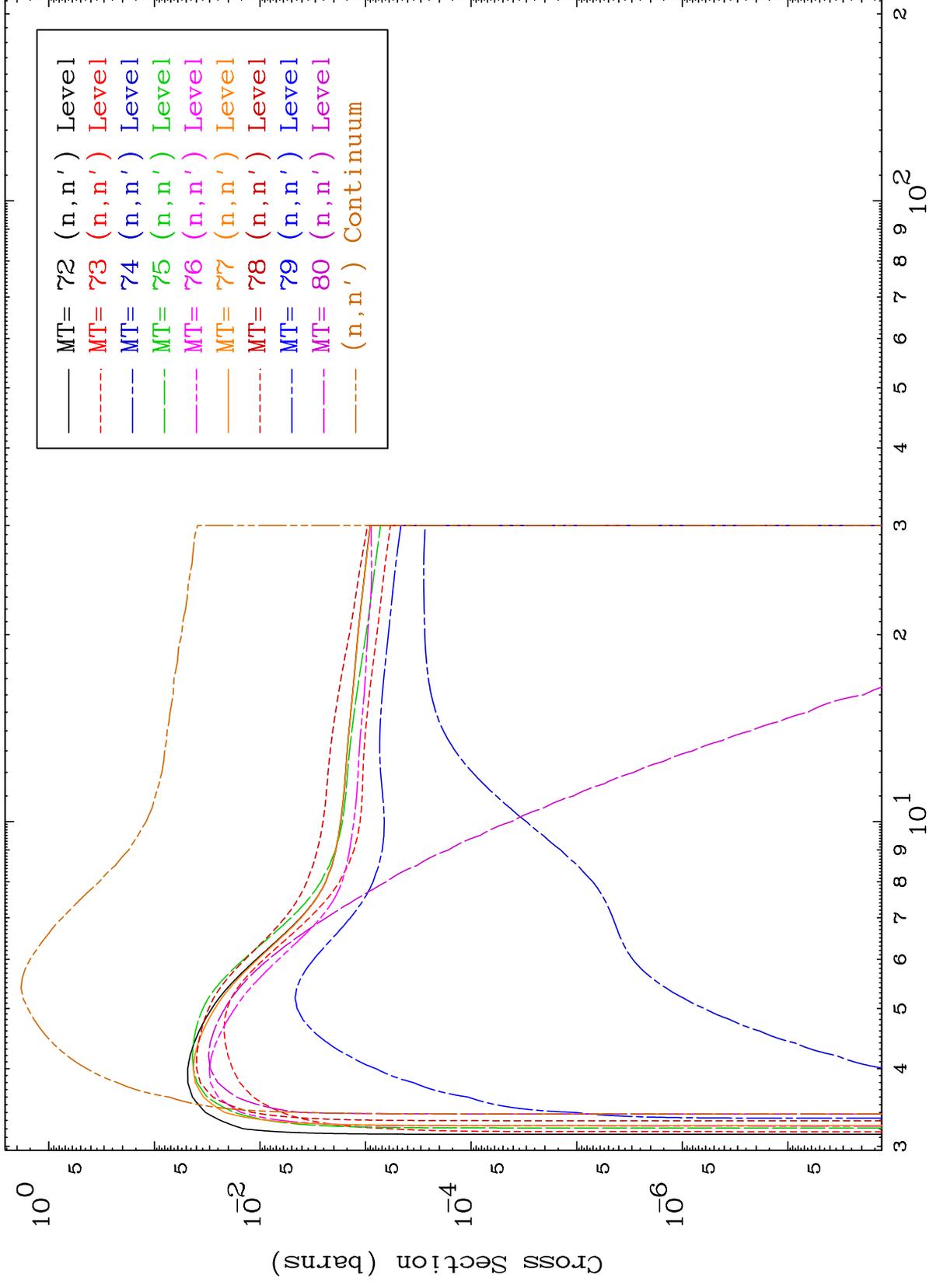
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MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



9

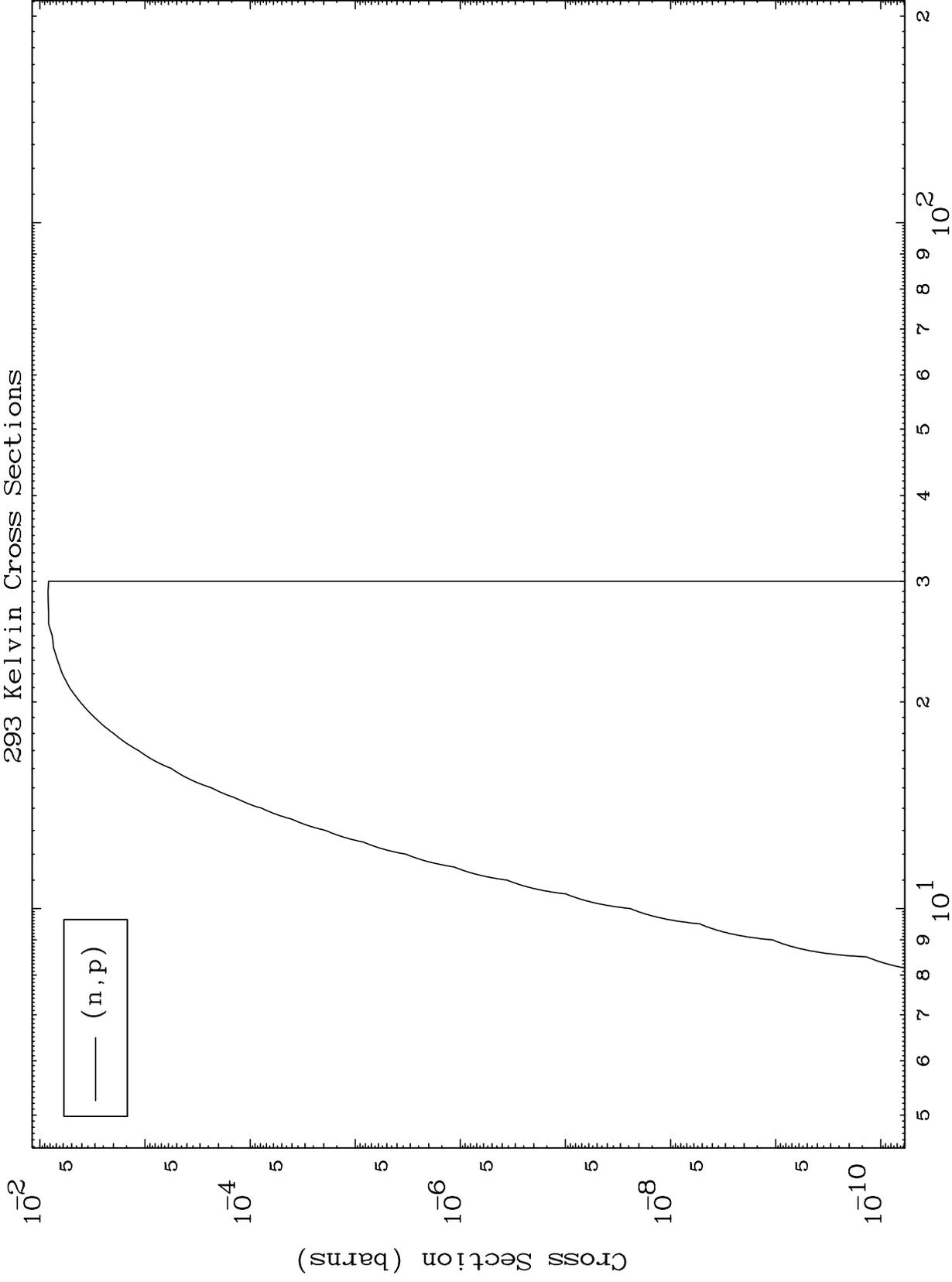
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82-Pb-210

MAT 8243

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-210



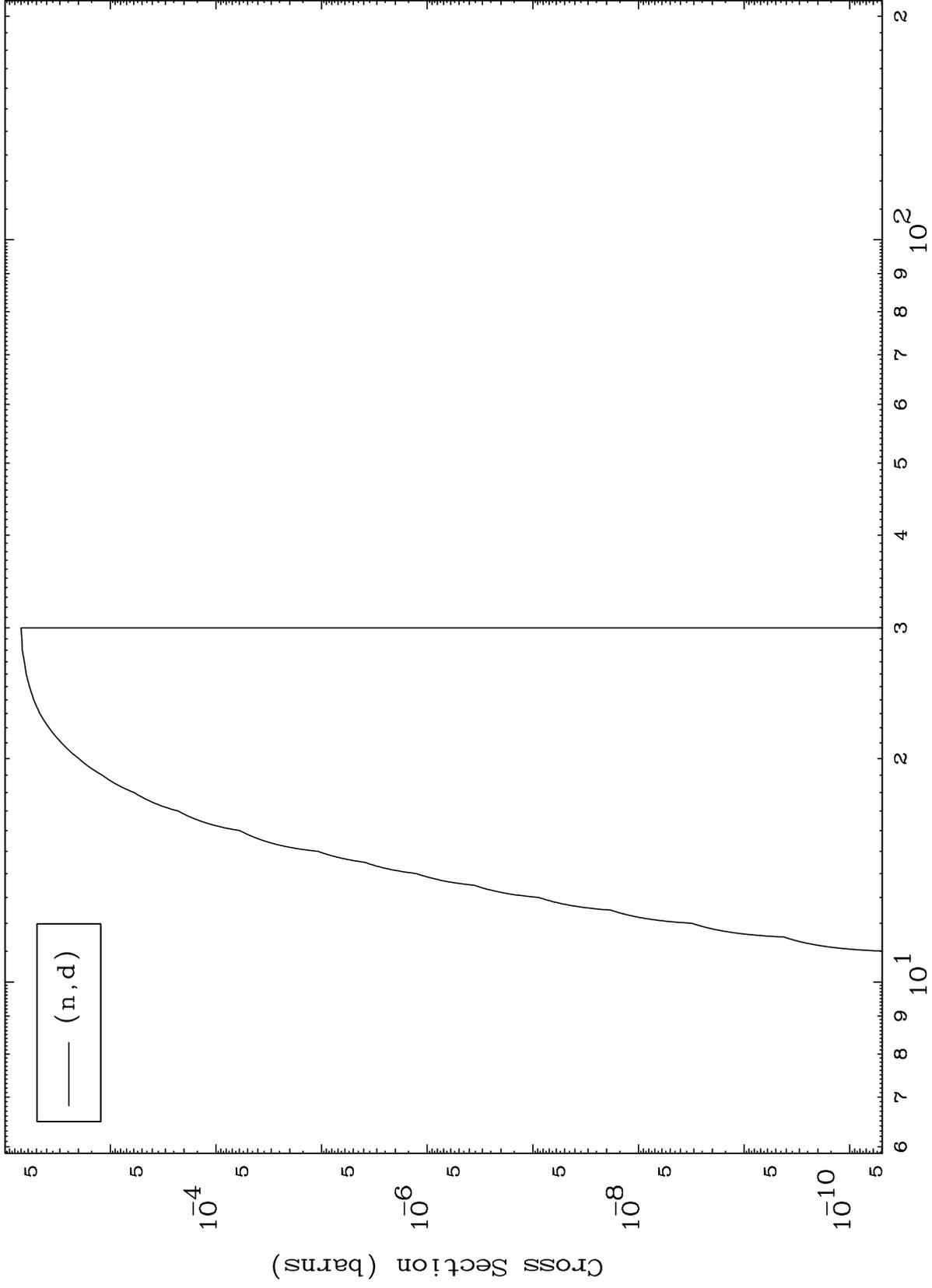
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82-Pb-210

MAT 8243

(n,d) Levels
293 Kelvin Cross Sections

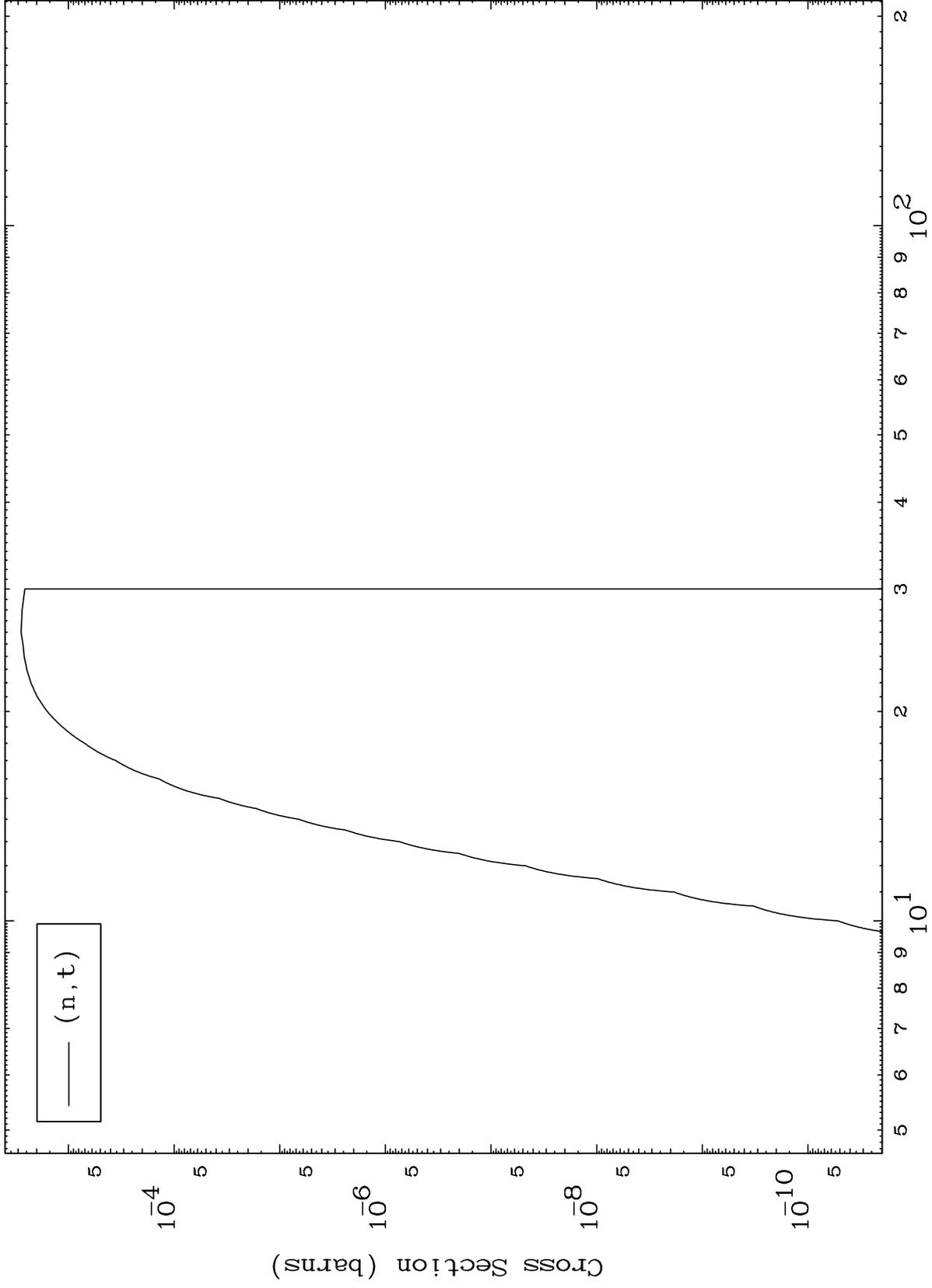
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MAT 8243

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-210



12

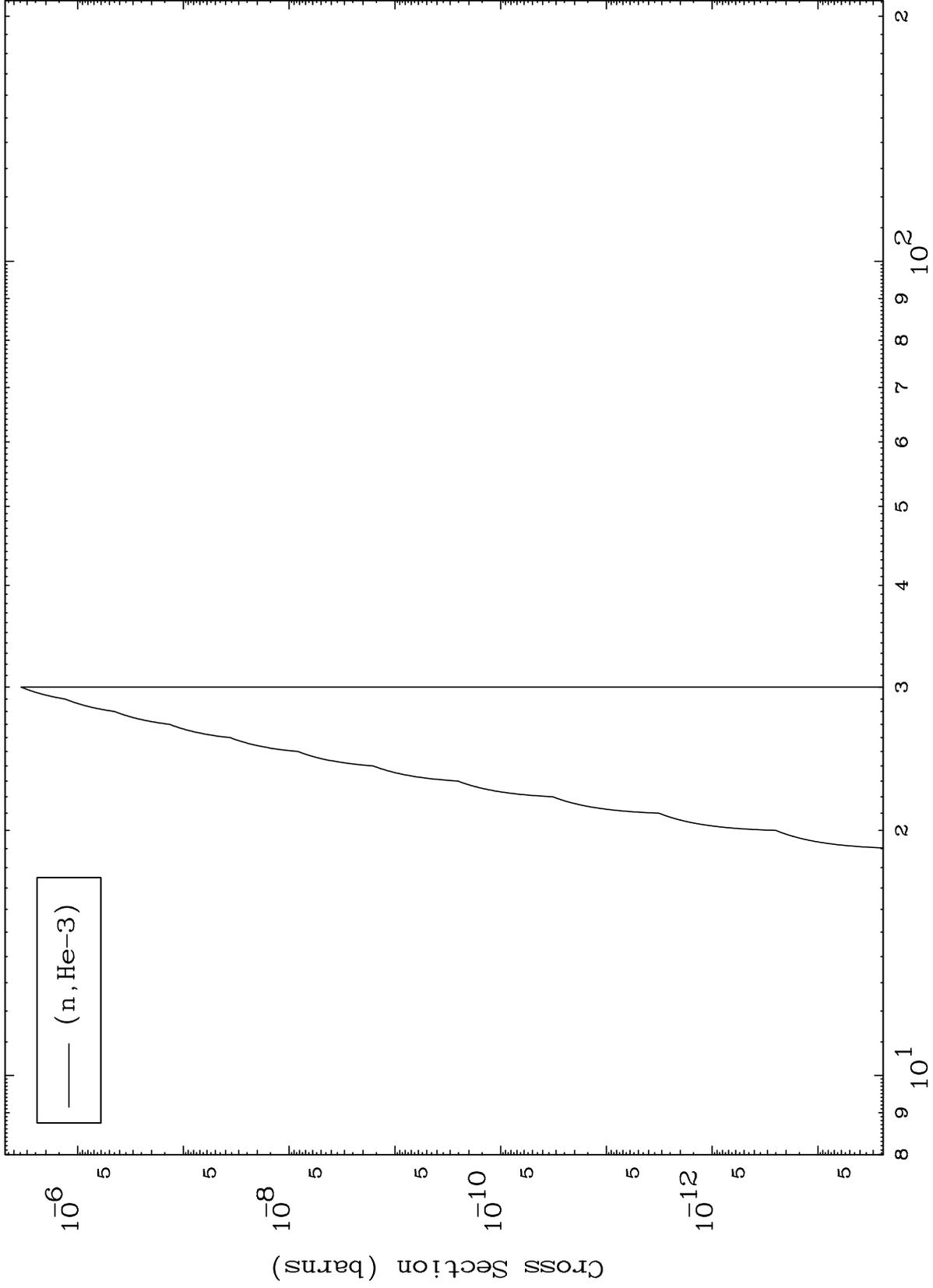
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82-Pb-210

MAT 8243

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-210



13

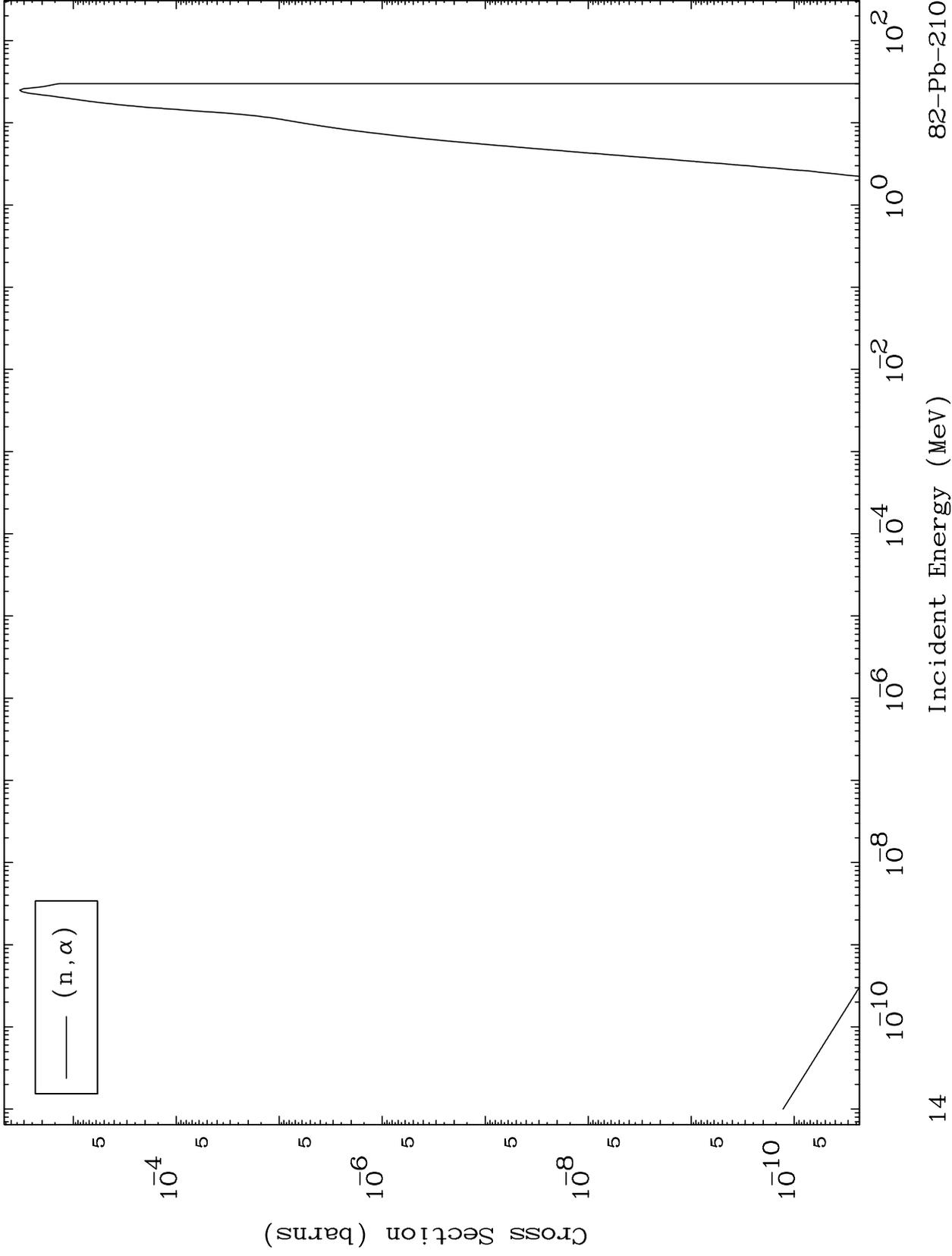
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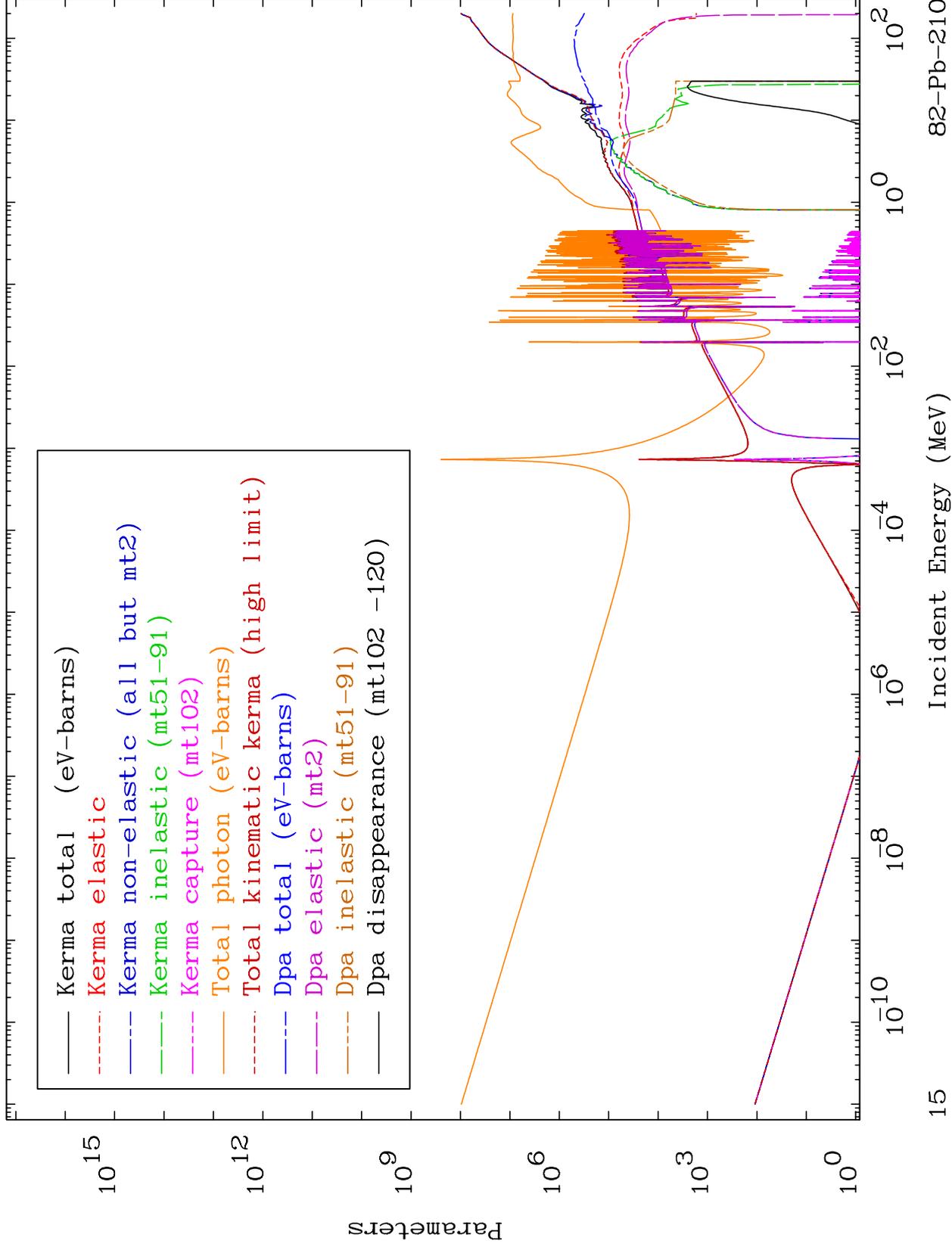
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MAT 8243

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-210

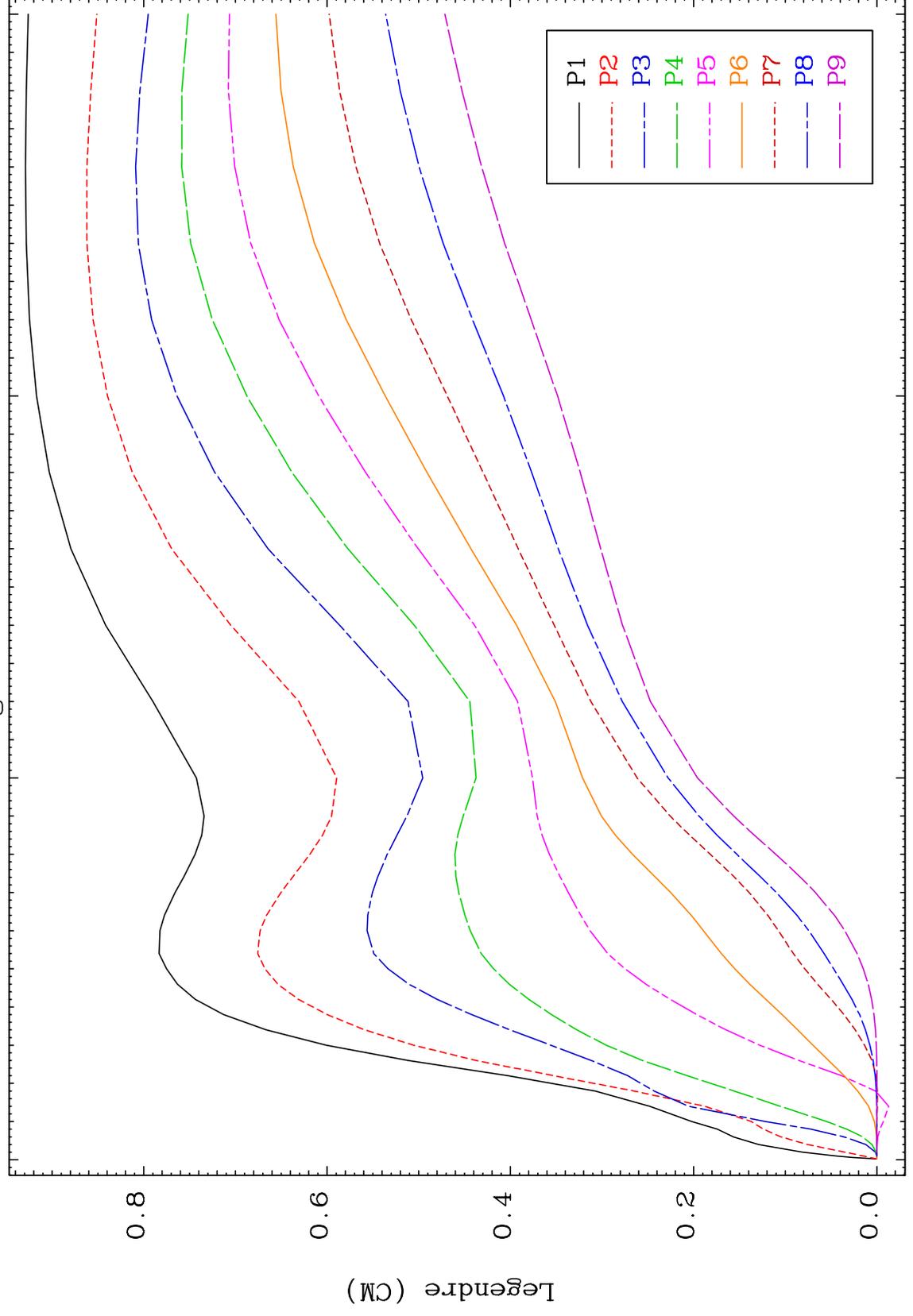




MAT 8243

Elastic Legendre Coefficients

82-Pb-210



16

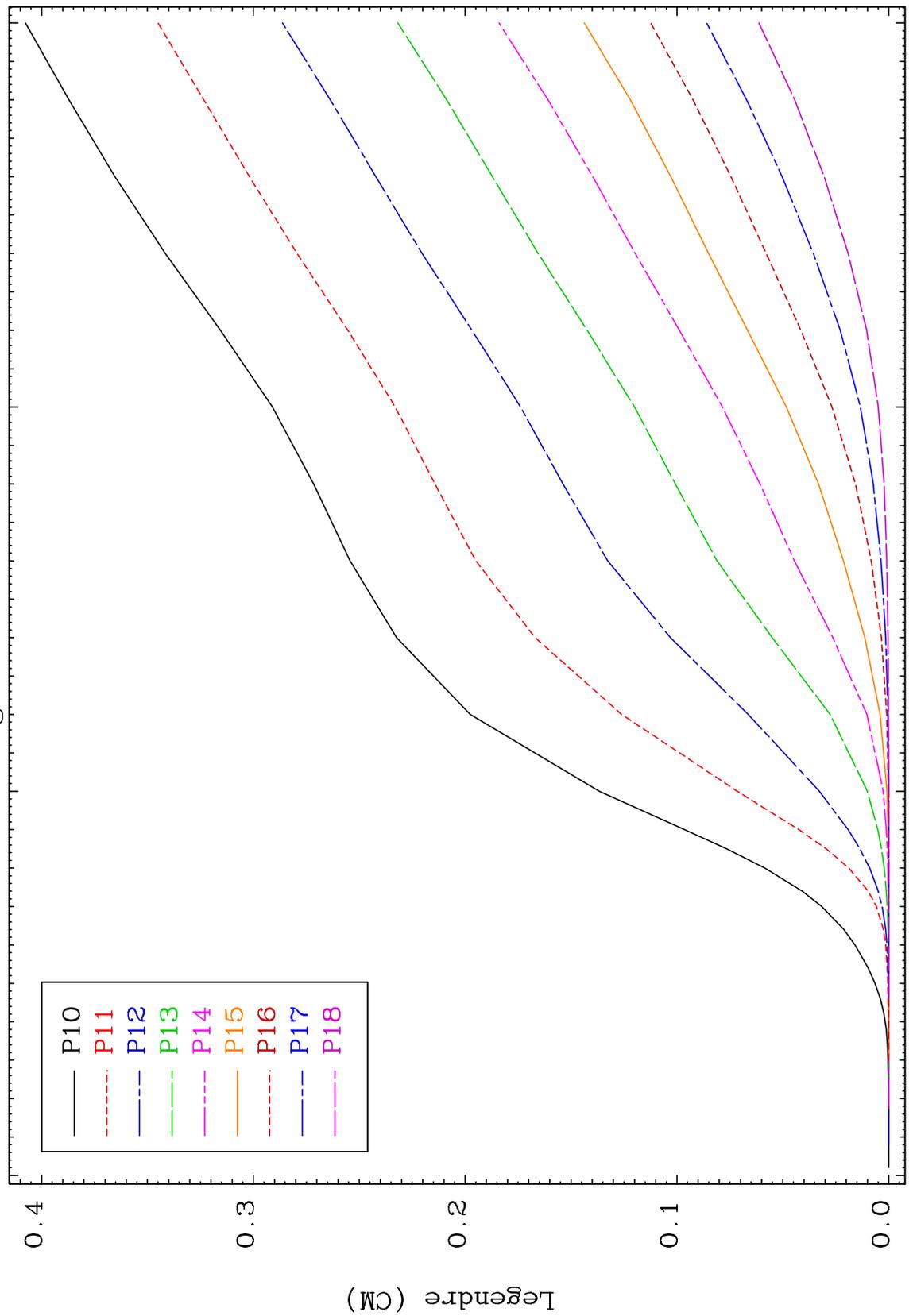
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



17

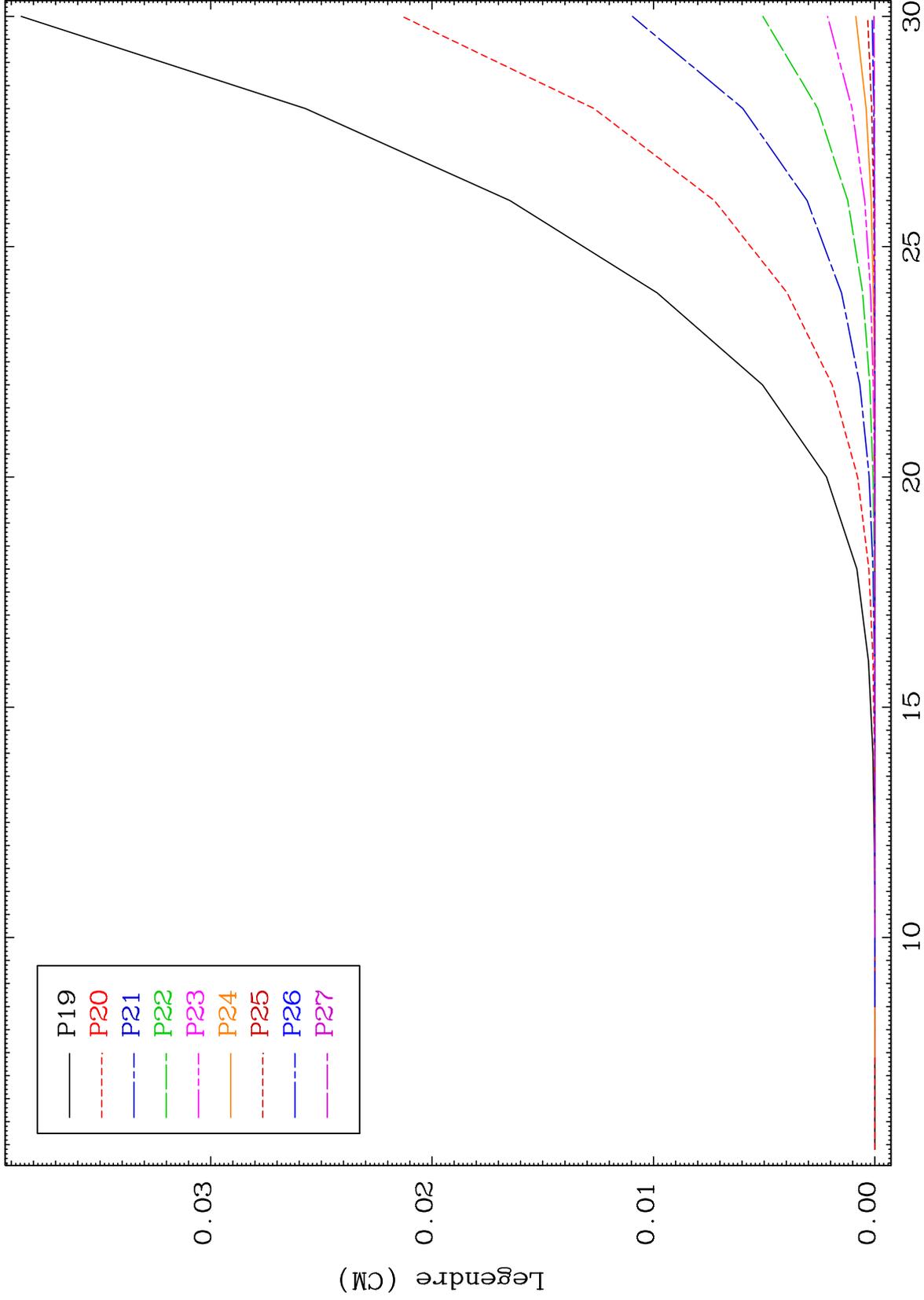
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82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



18

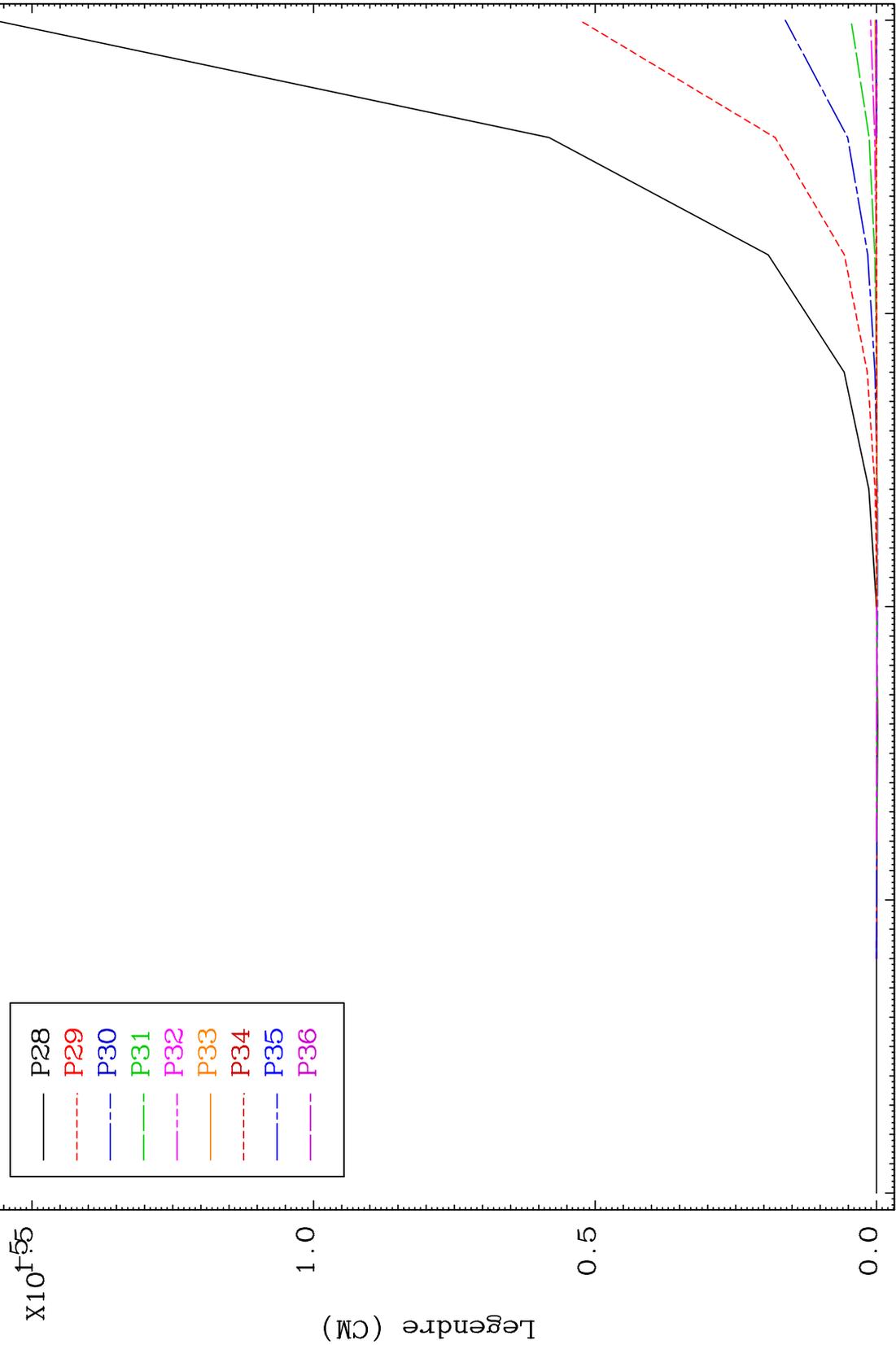
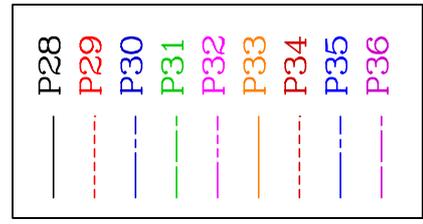
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic
Legendre Coefficients

82-Pb-210



19

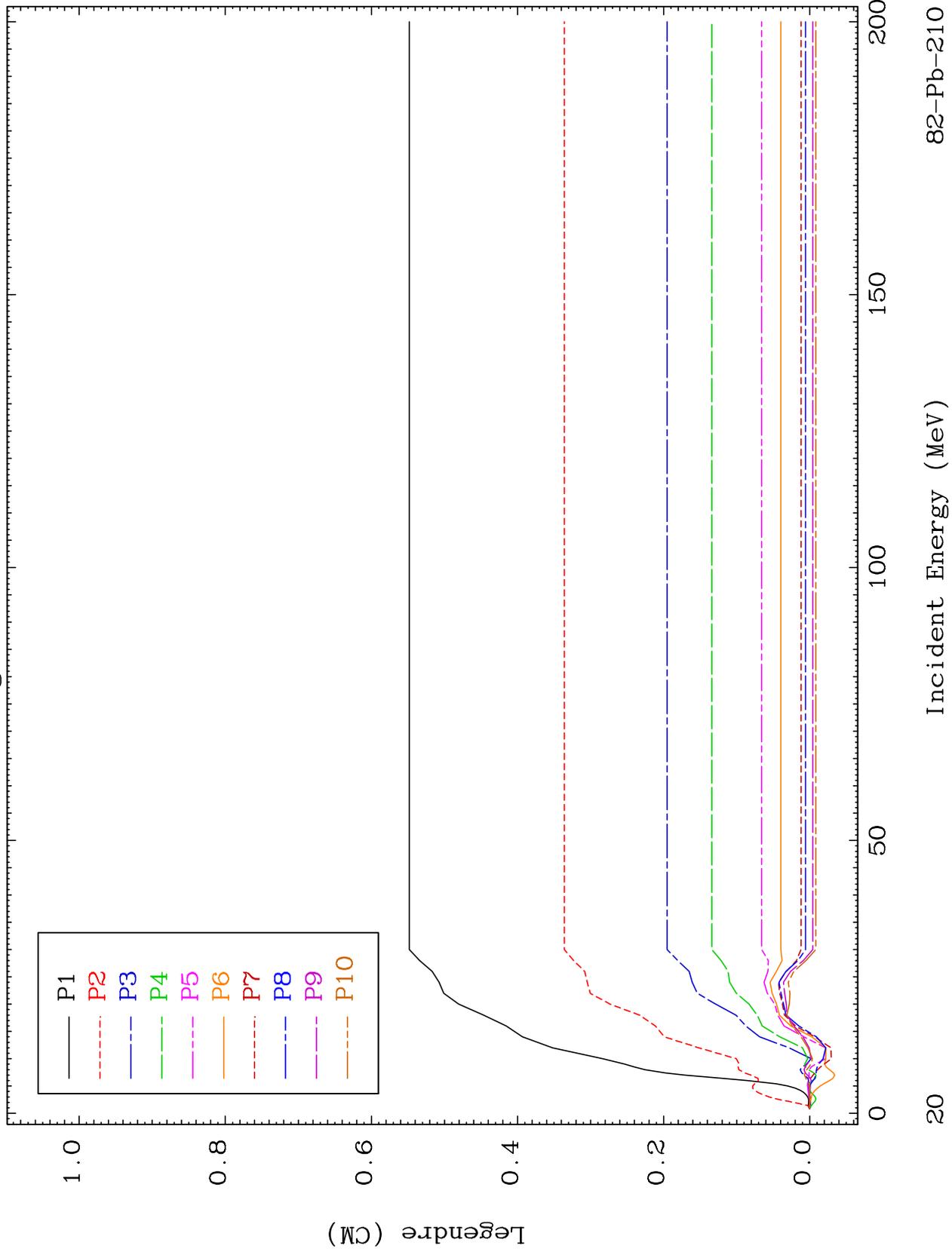
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

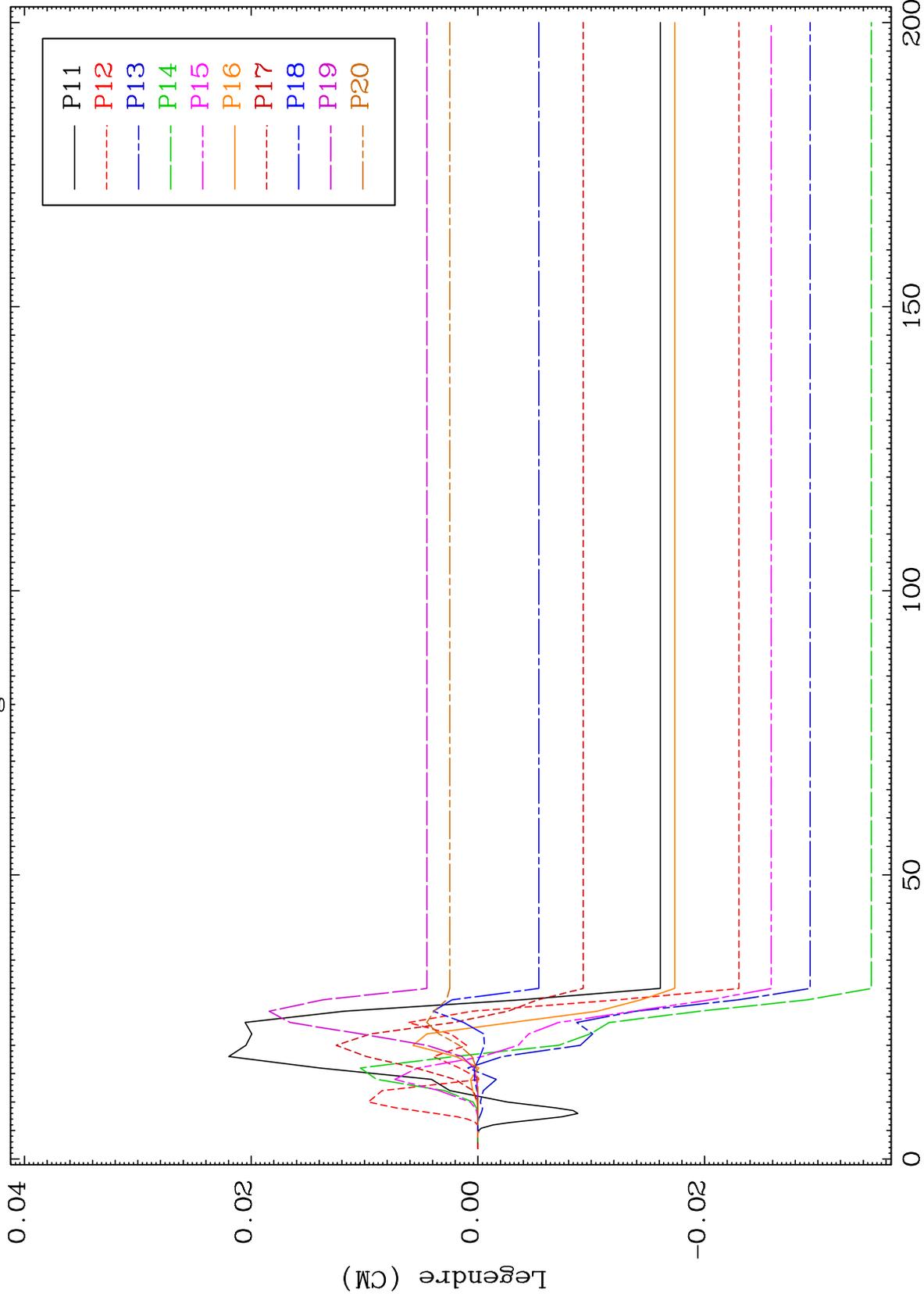
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MAT 8243

MT= 51 (n,n') Level
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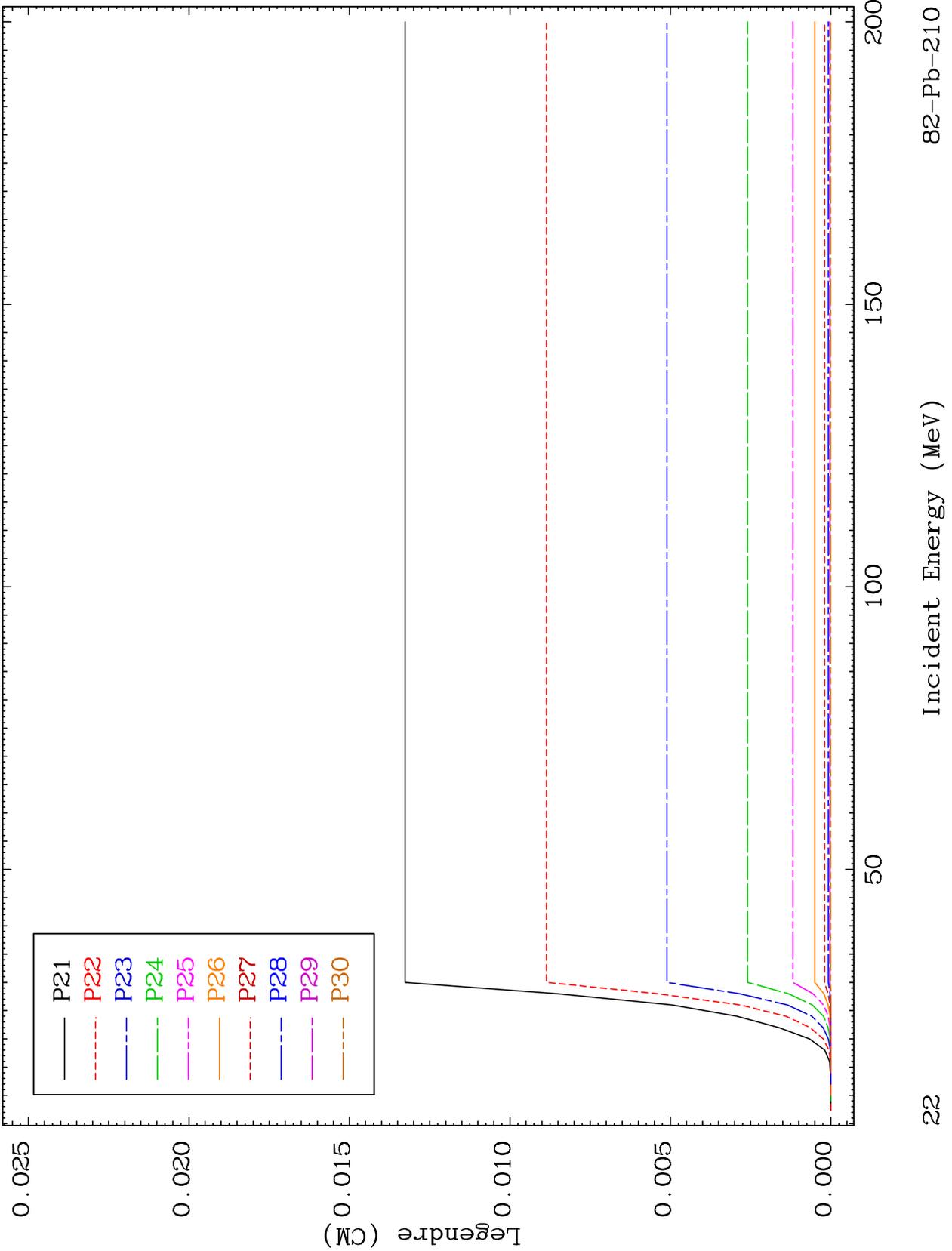
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MAT 8243

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

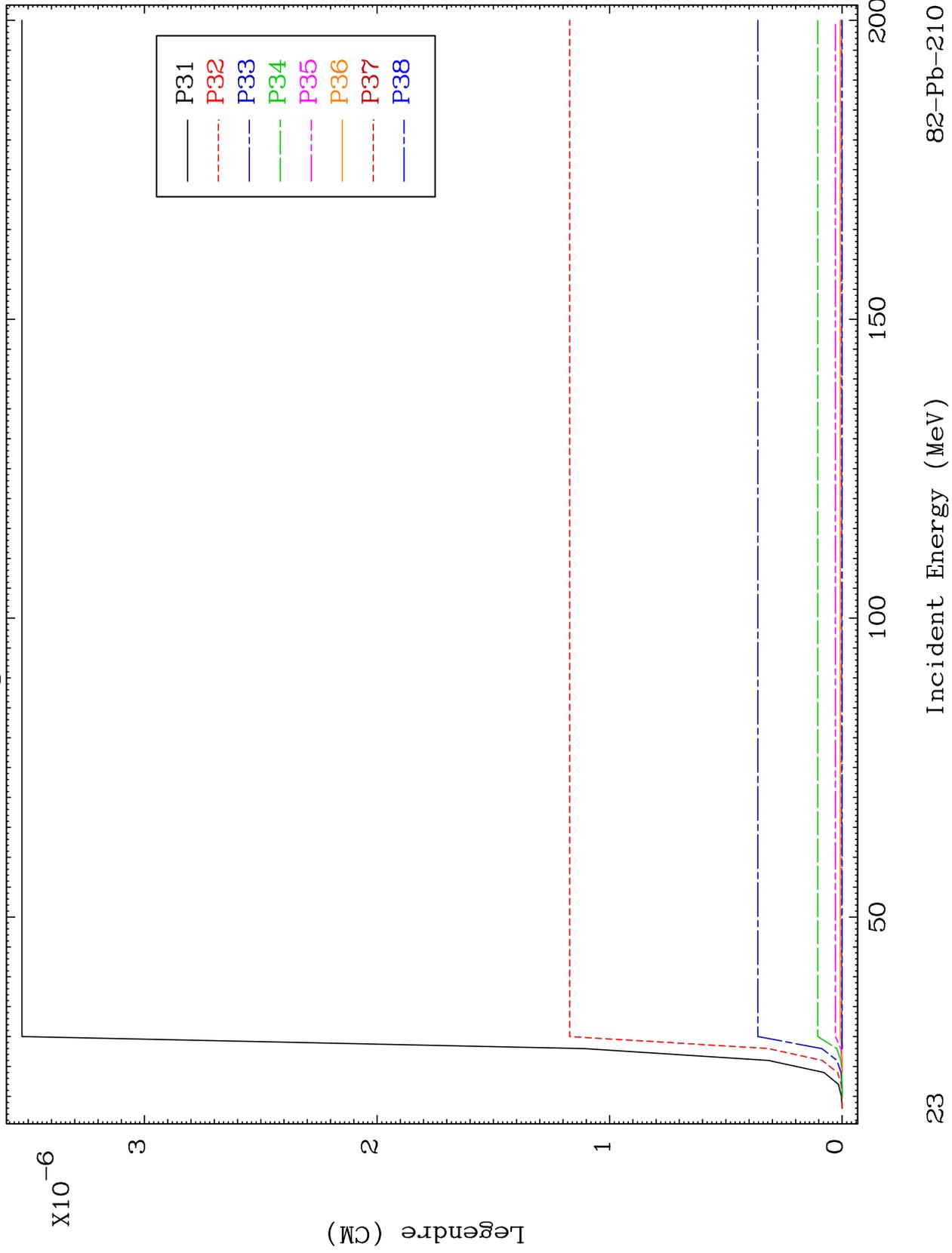
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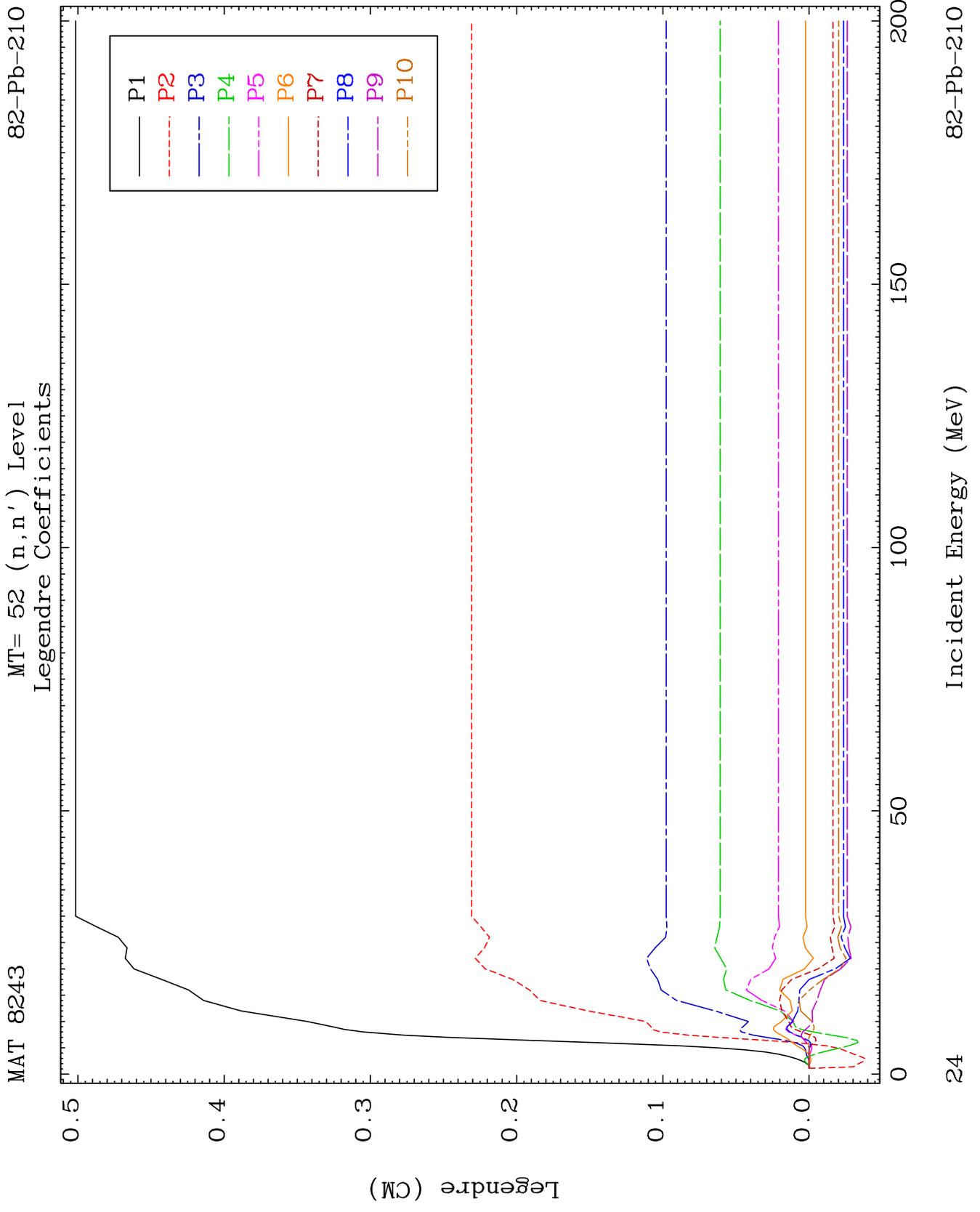
MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-210



23

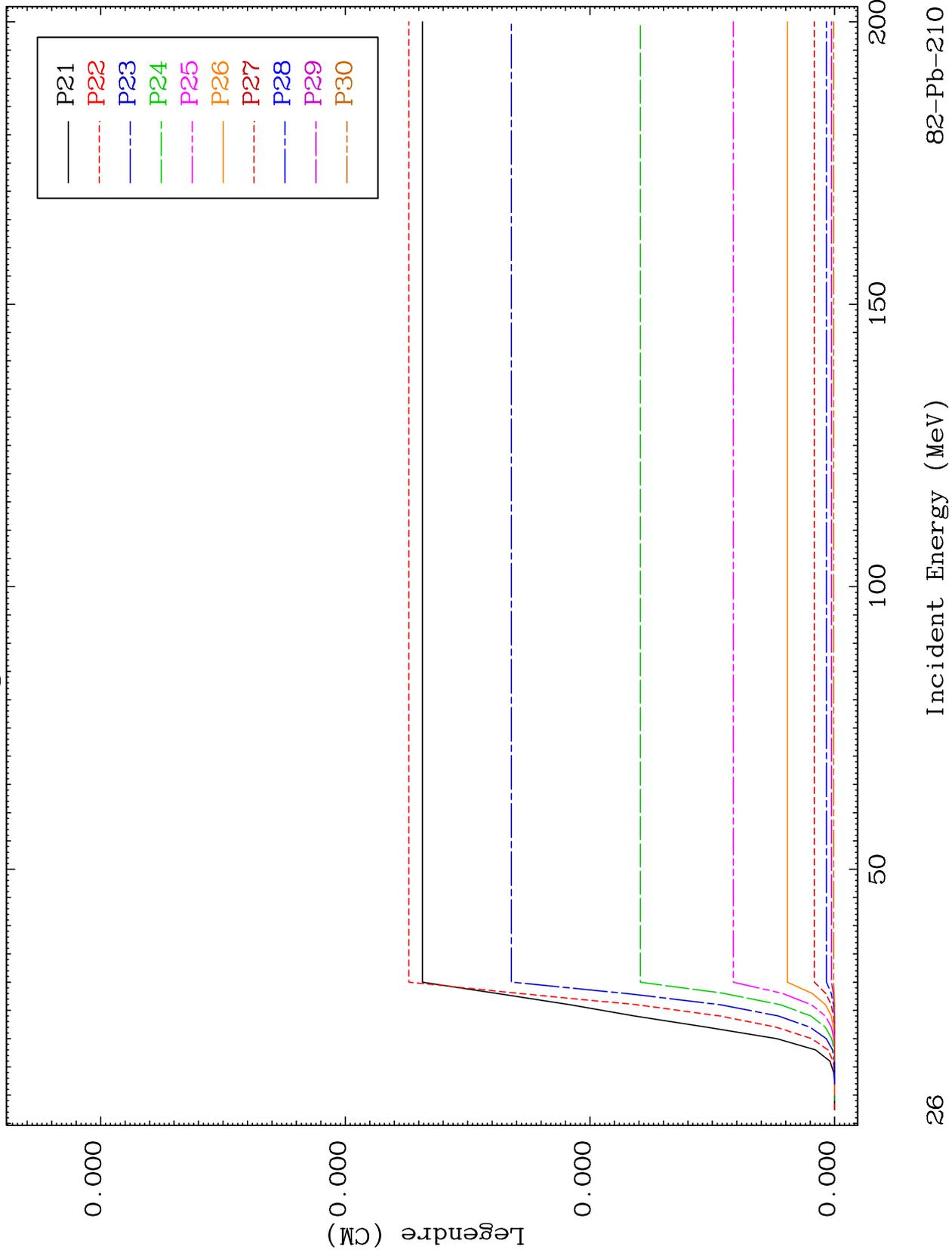
82-Pb-210



MAT 8243

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

82-Pb-210



26

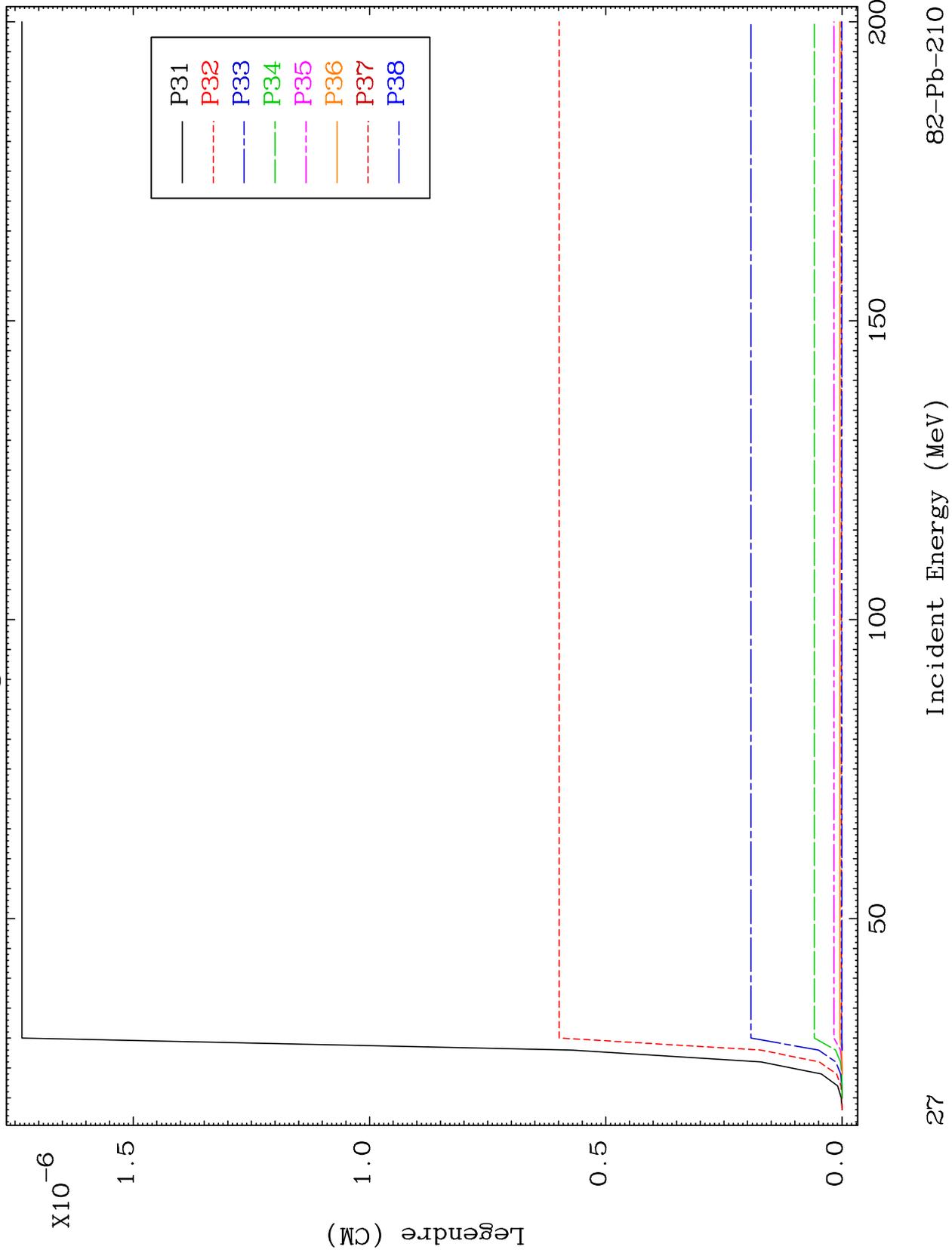
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

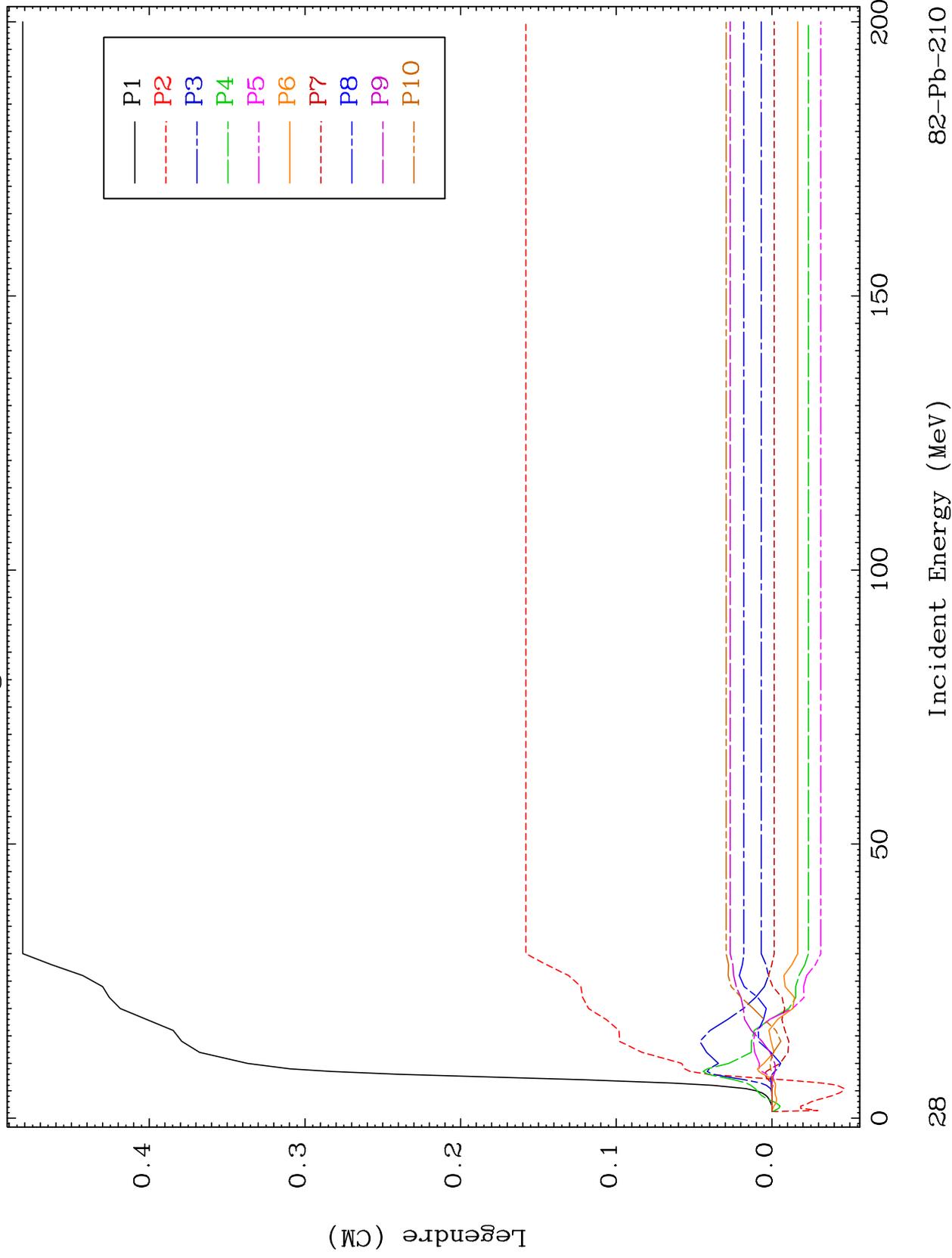
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MAT 8243

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

82-Pb-210



82-Pb-210

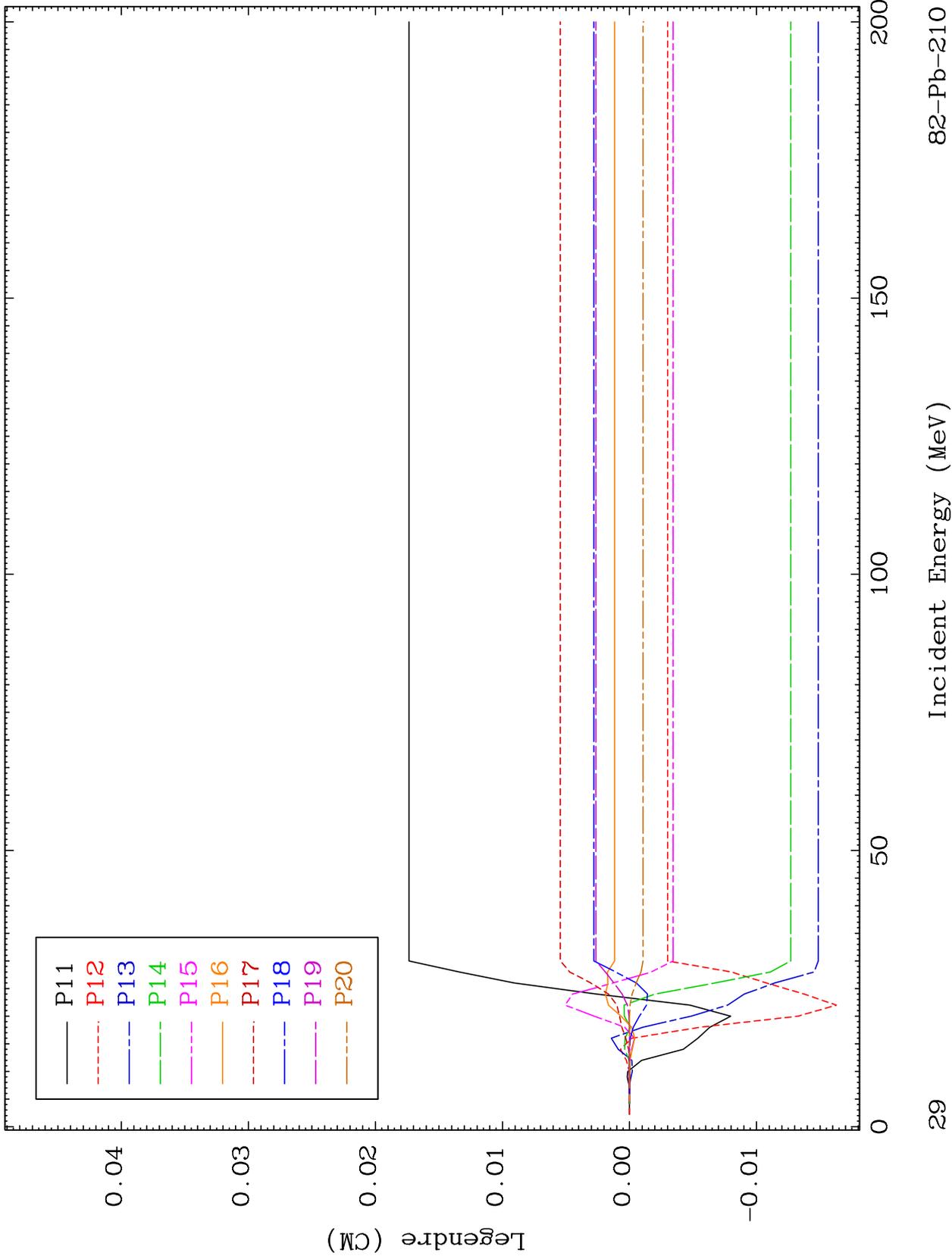
Incident Energy (MeV)

28

MAT 8243

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

82-Pb-210



29

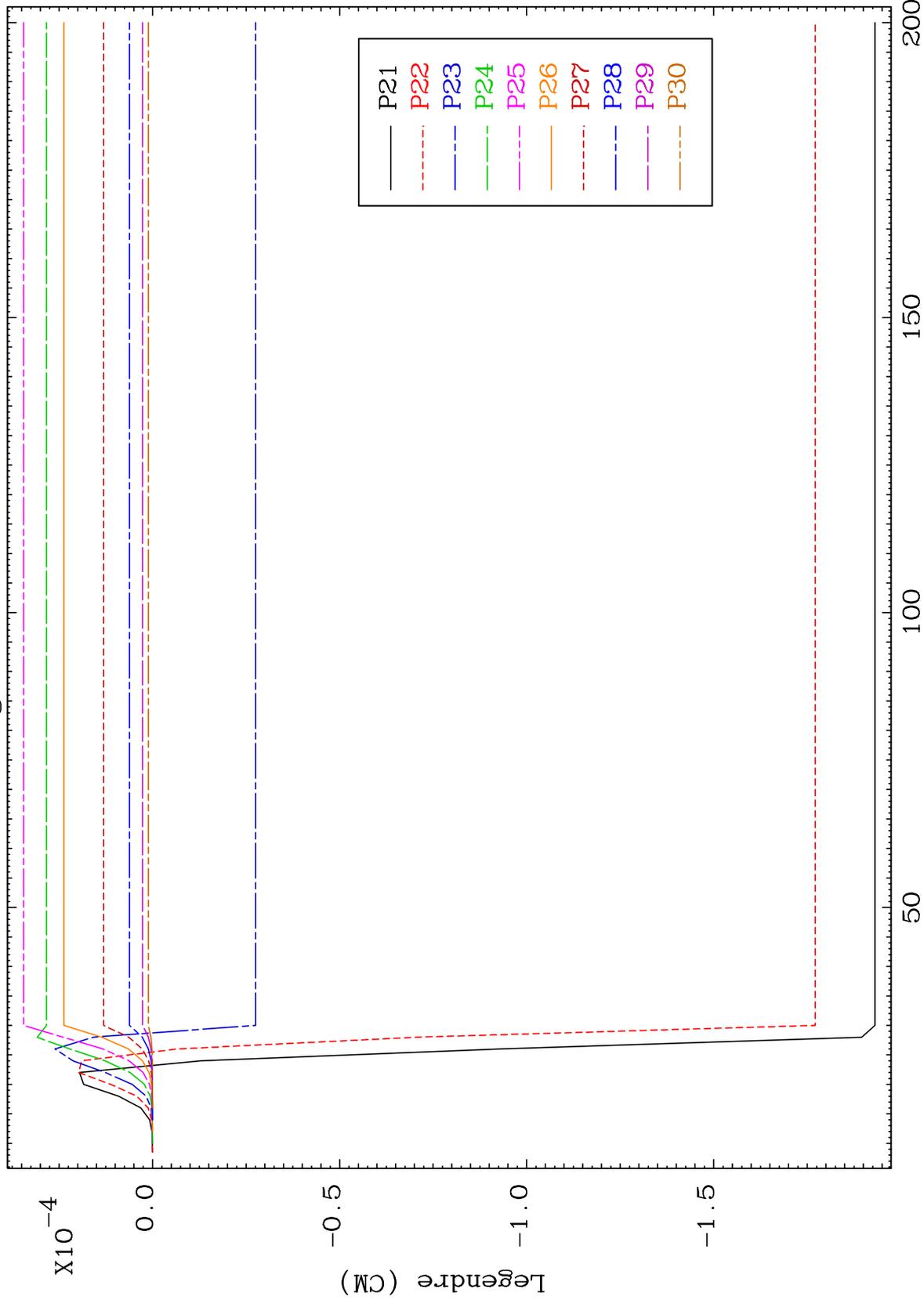
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



30

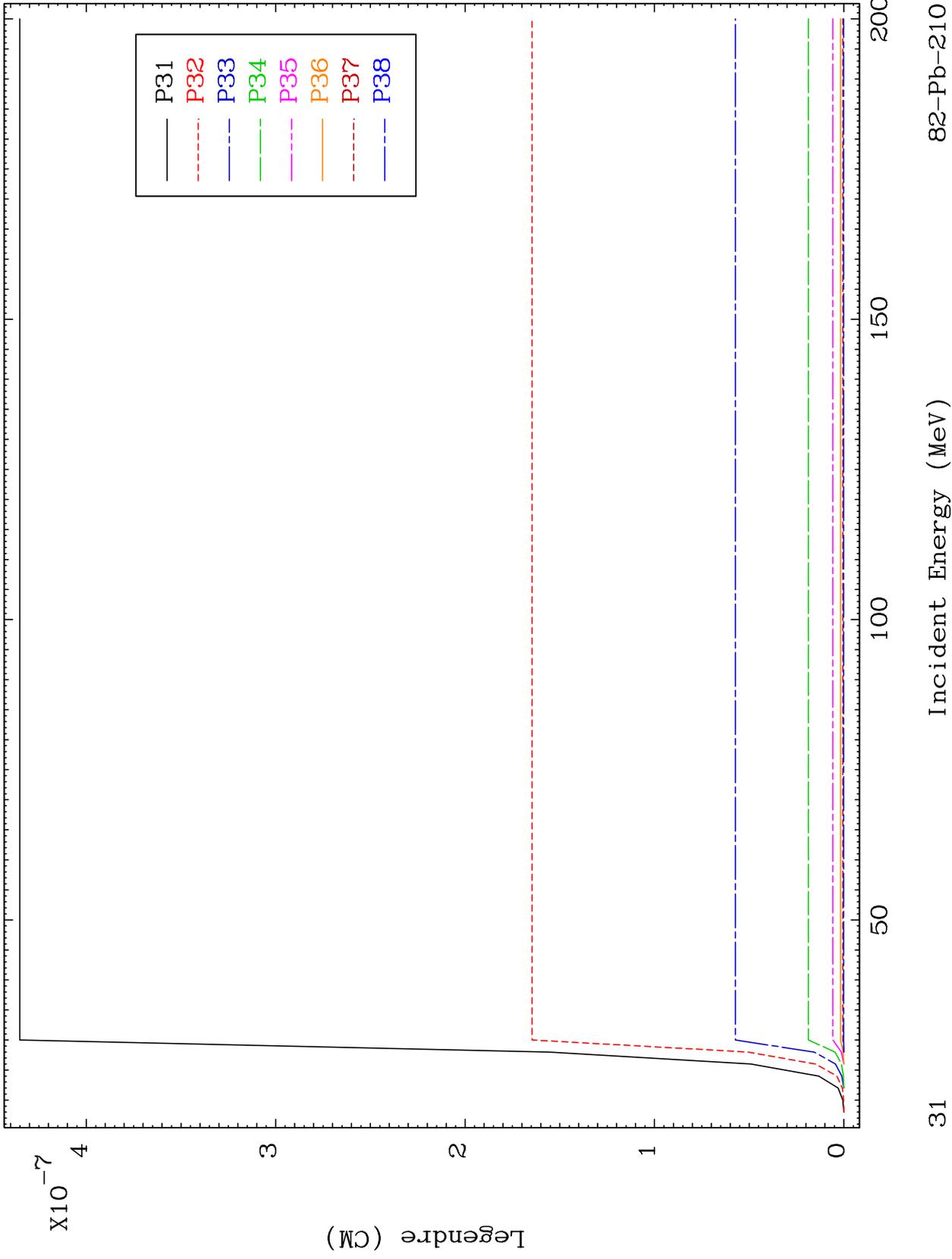
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

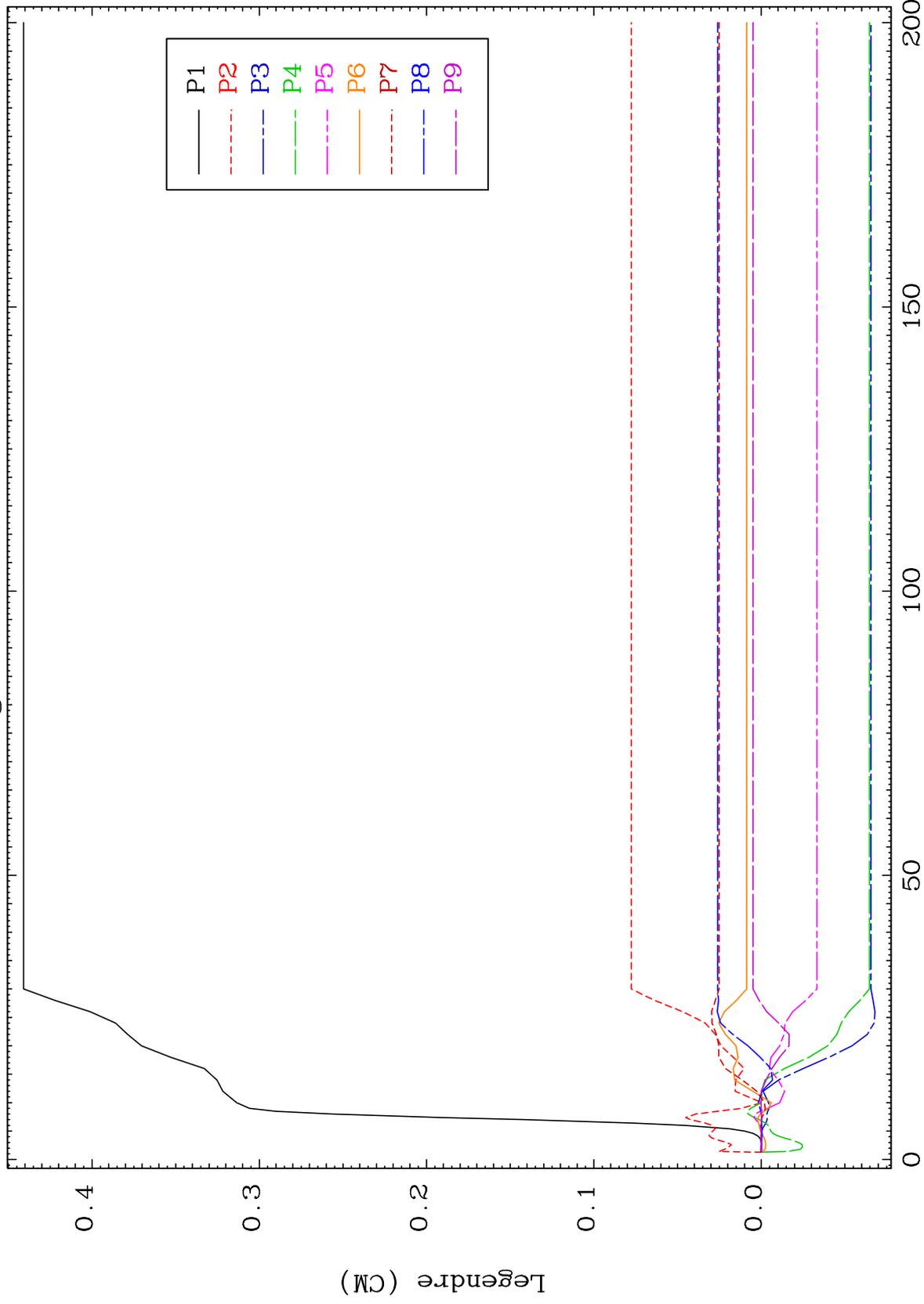
82-Pb-210



MAT 8243

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

82-Pb-210



32

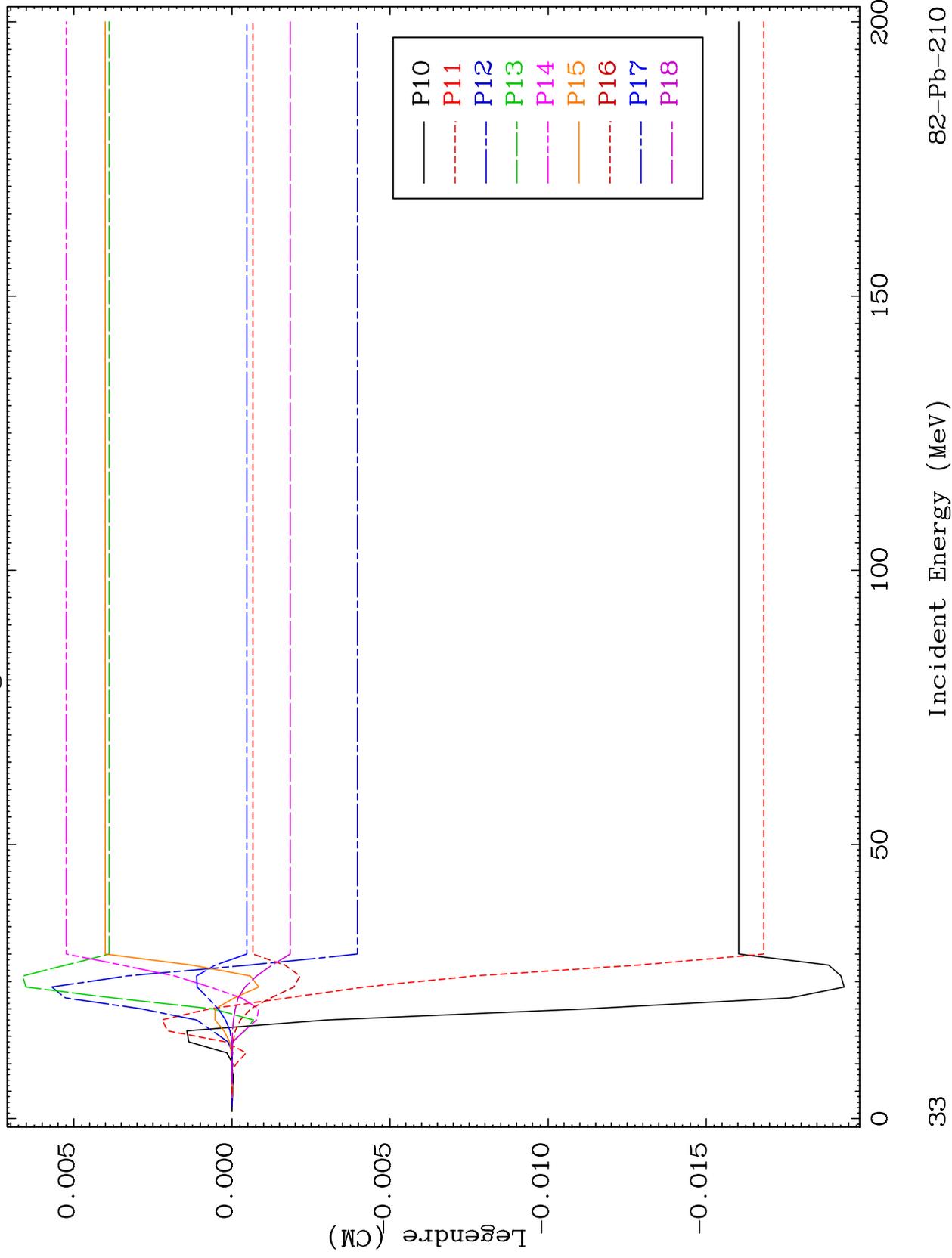
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



33

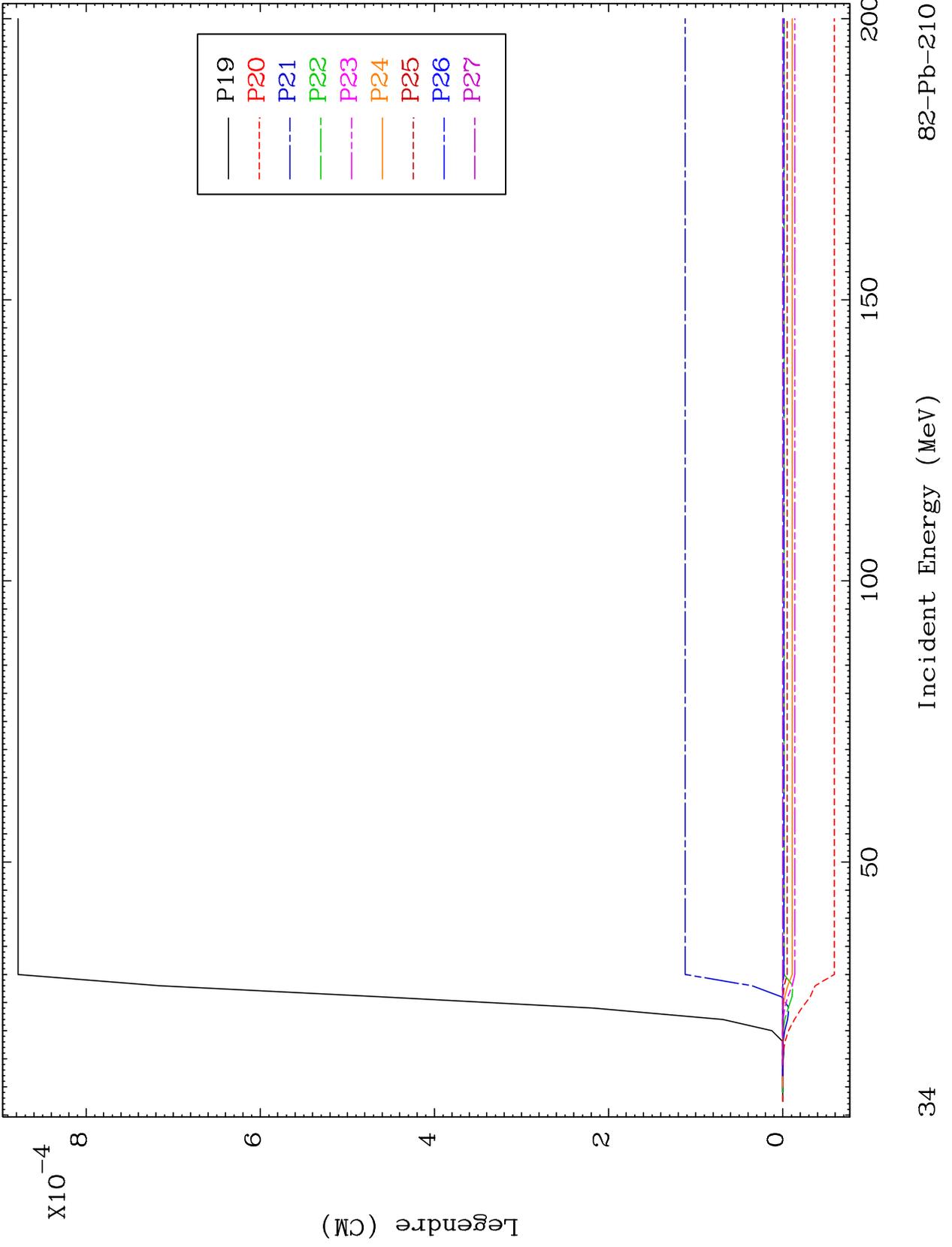
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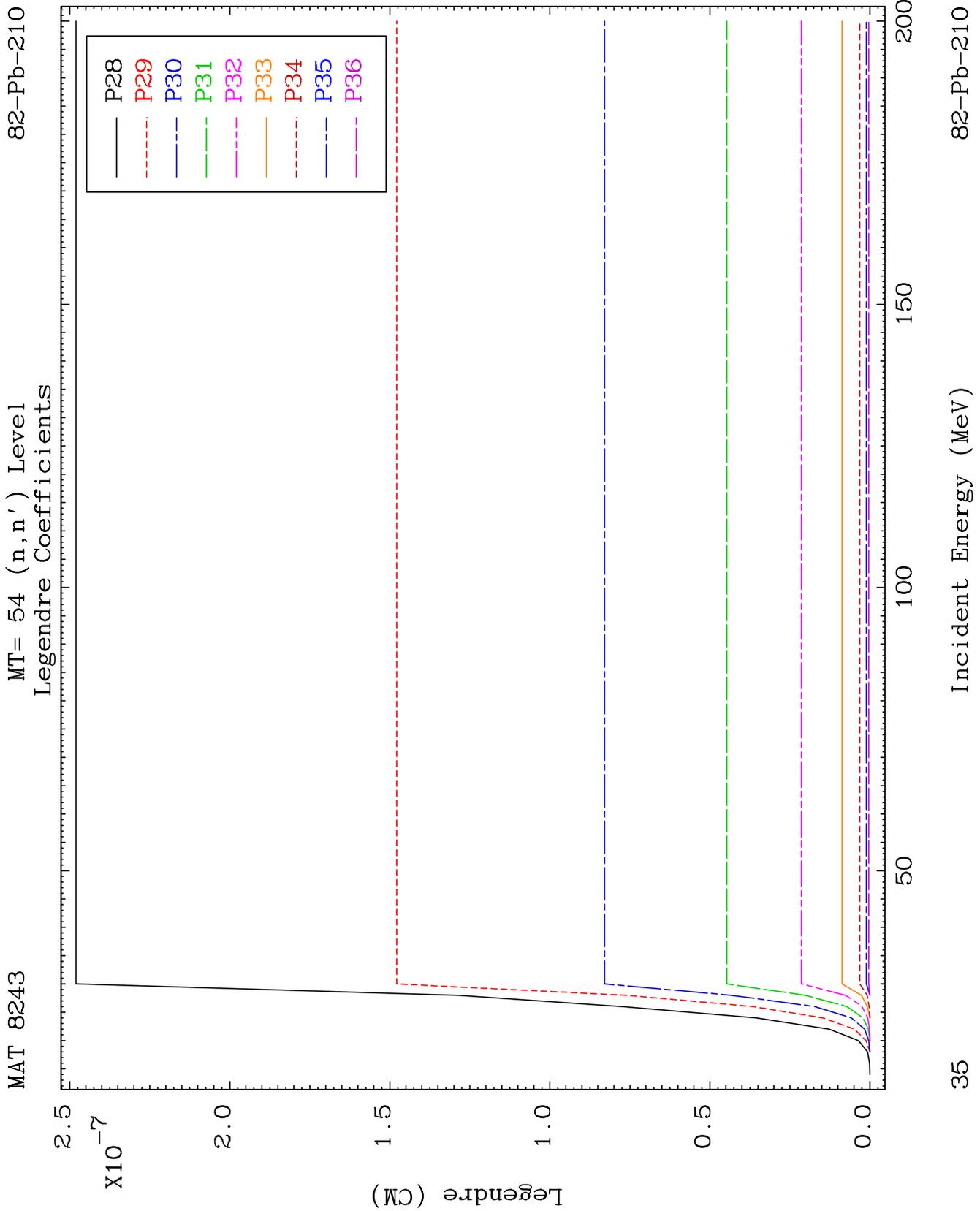
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MAT 8243

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

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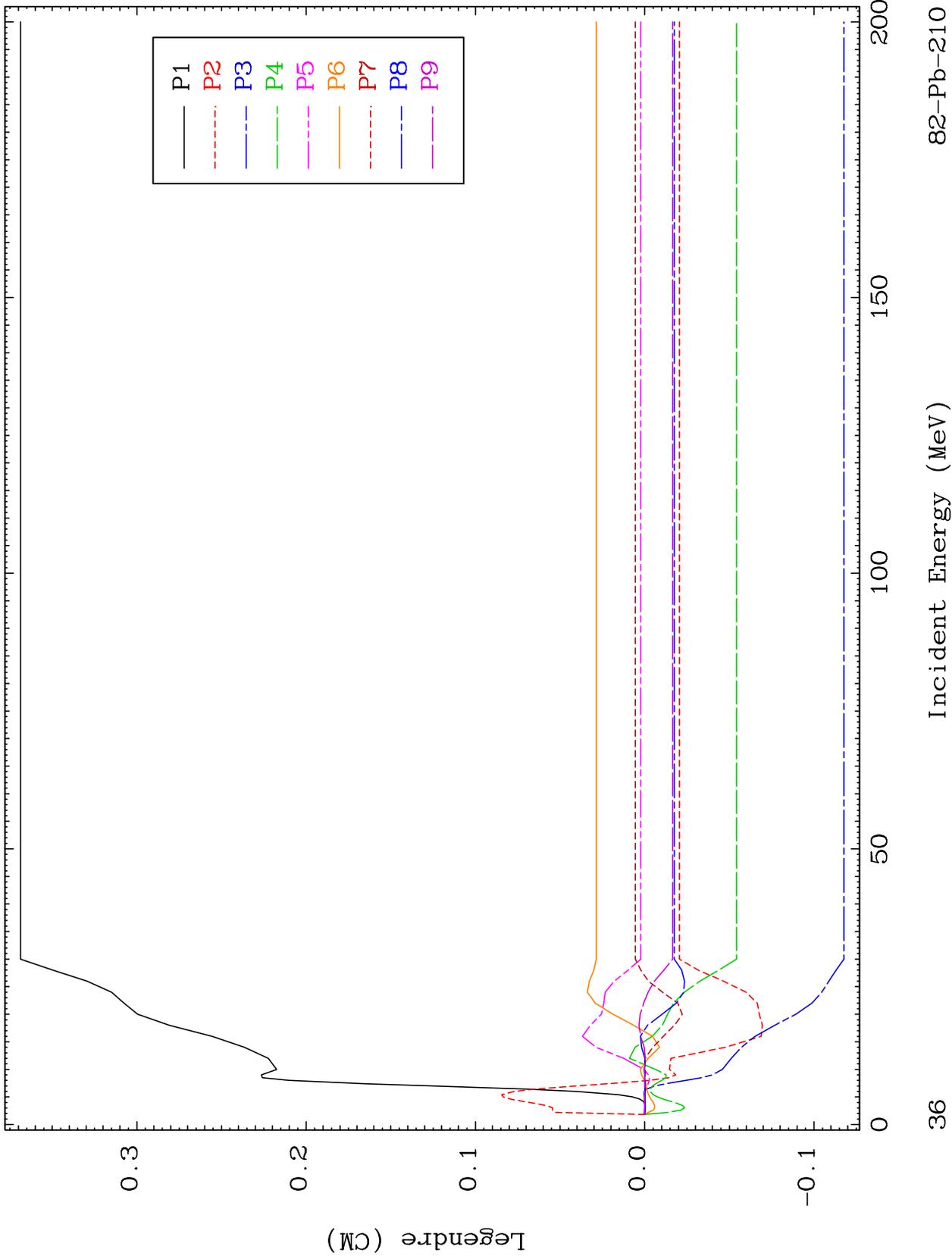




MAT 8243

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

82-Pb-210



82-Pb-210

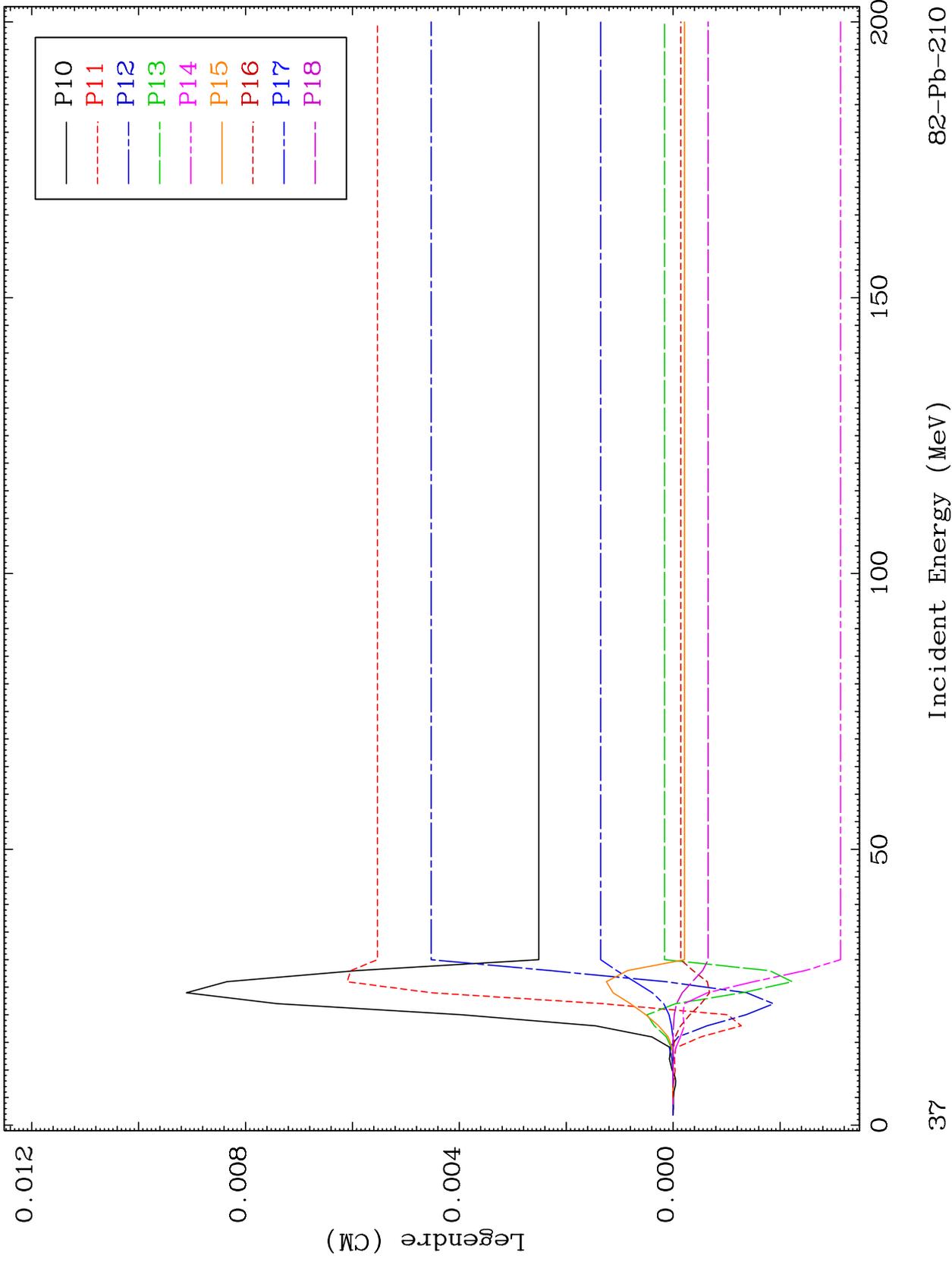
Incident Energy (MeV)

36

MAT 8243

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

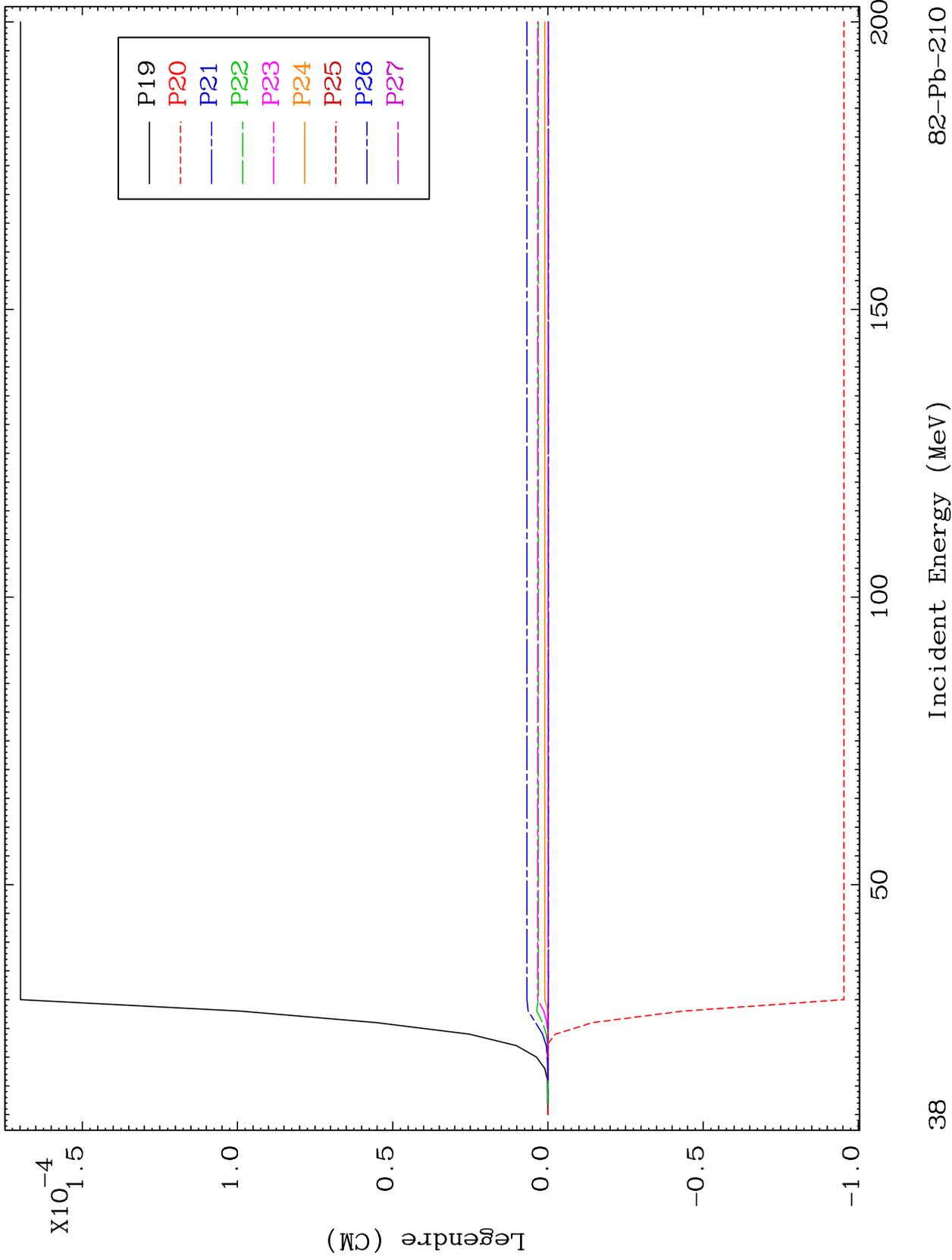
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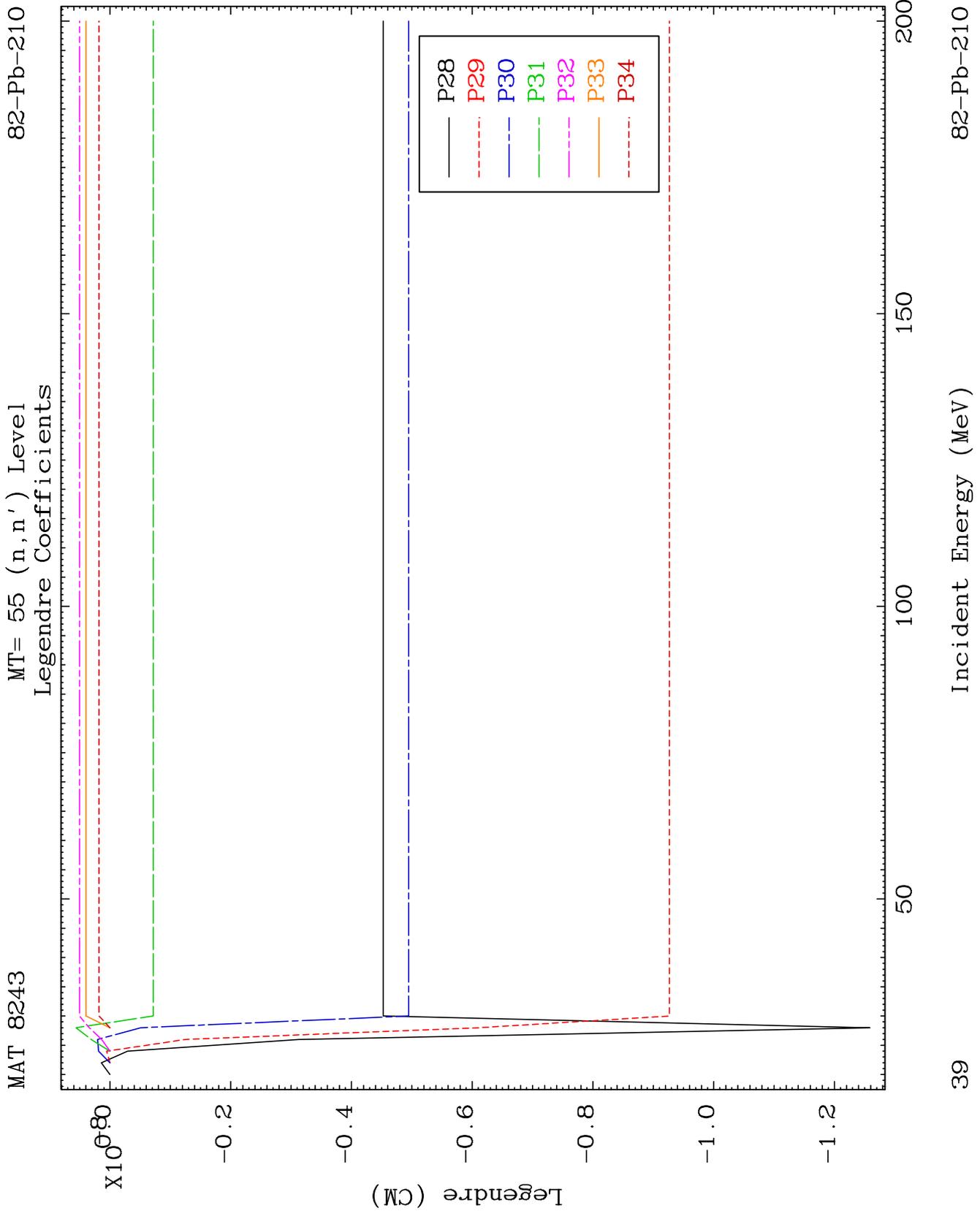


37

Incident Energy (MeV)

82-Pb-210

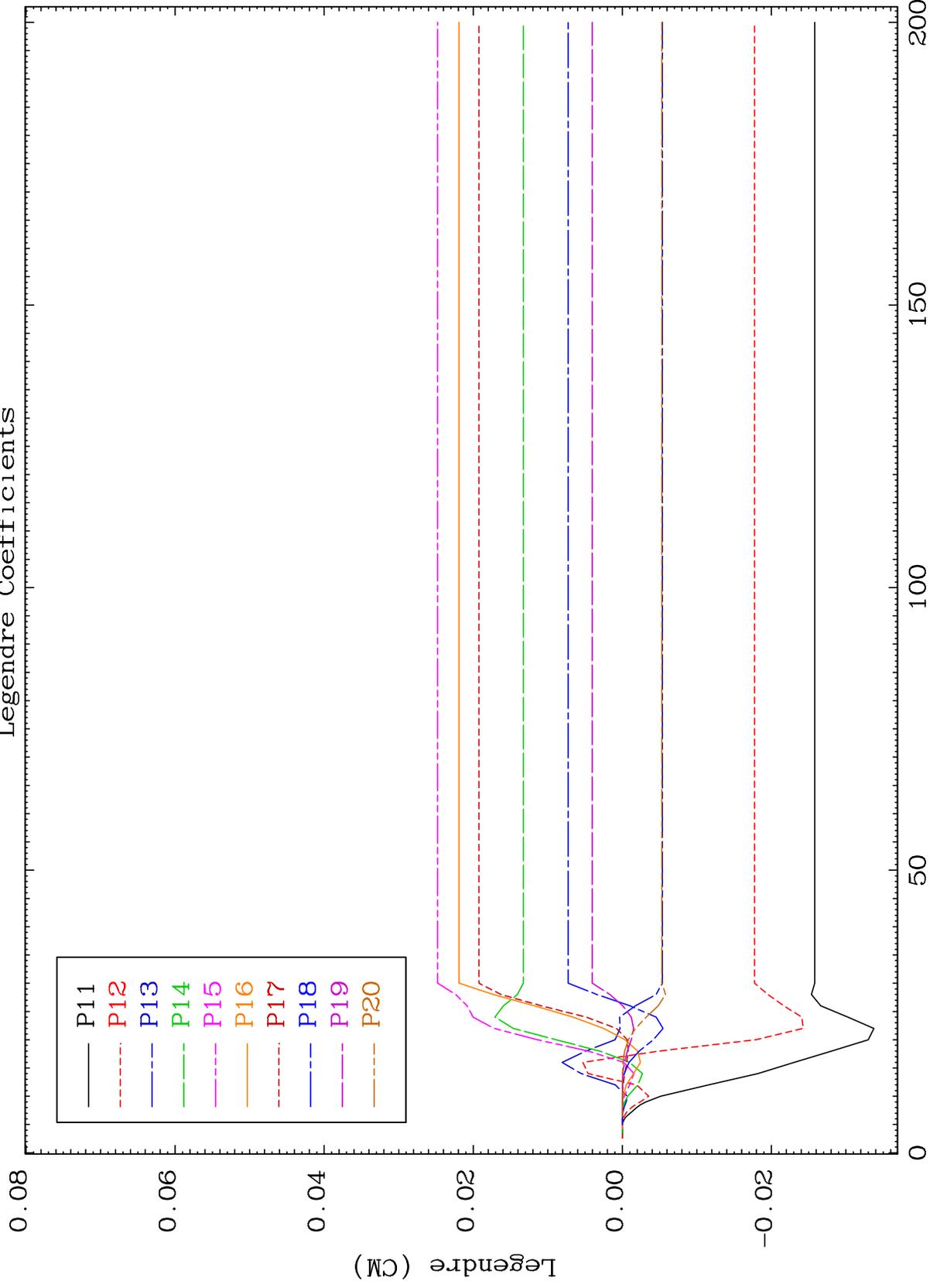




MAT 8243

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

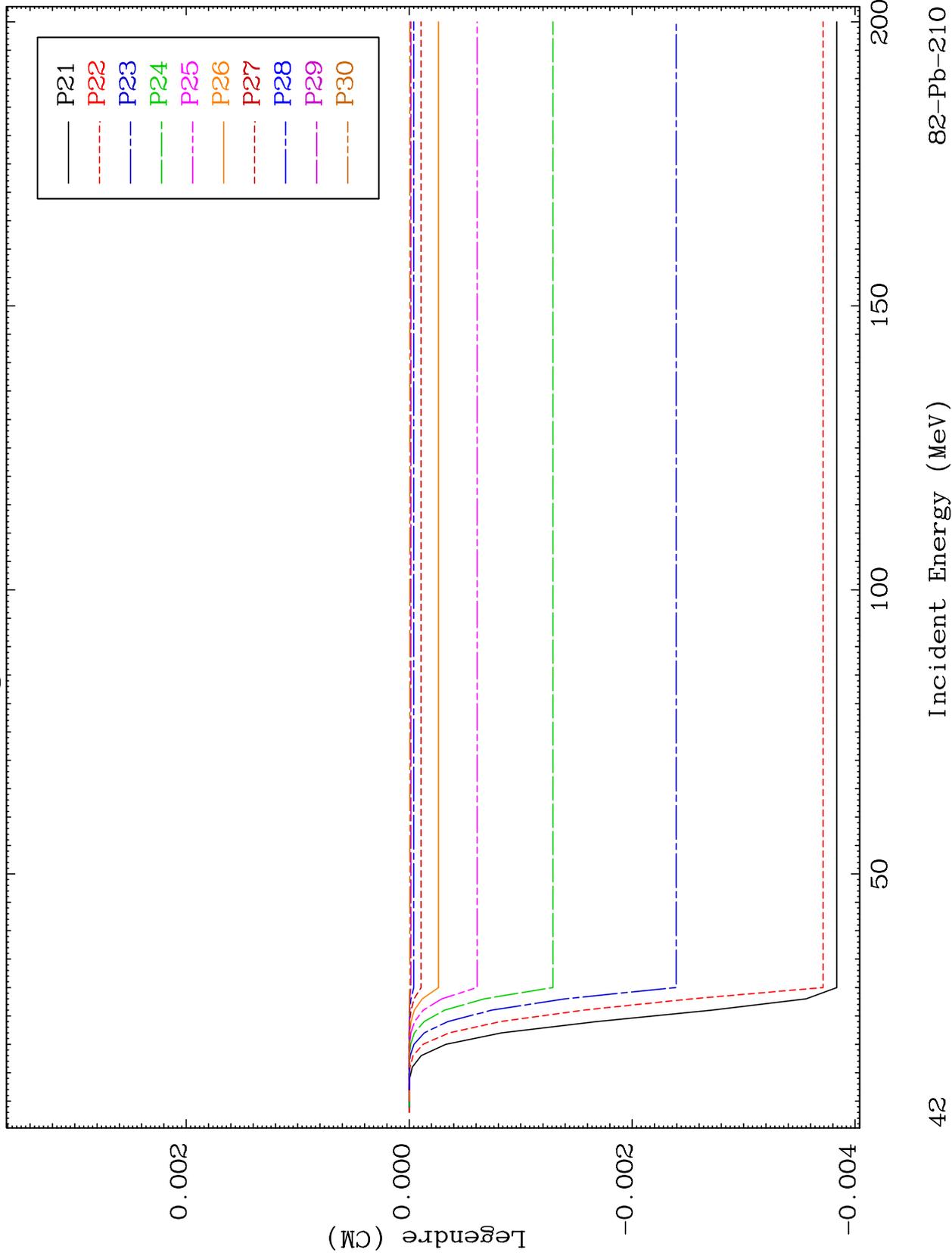
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MAT 8243

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

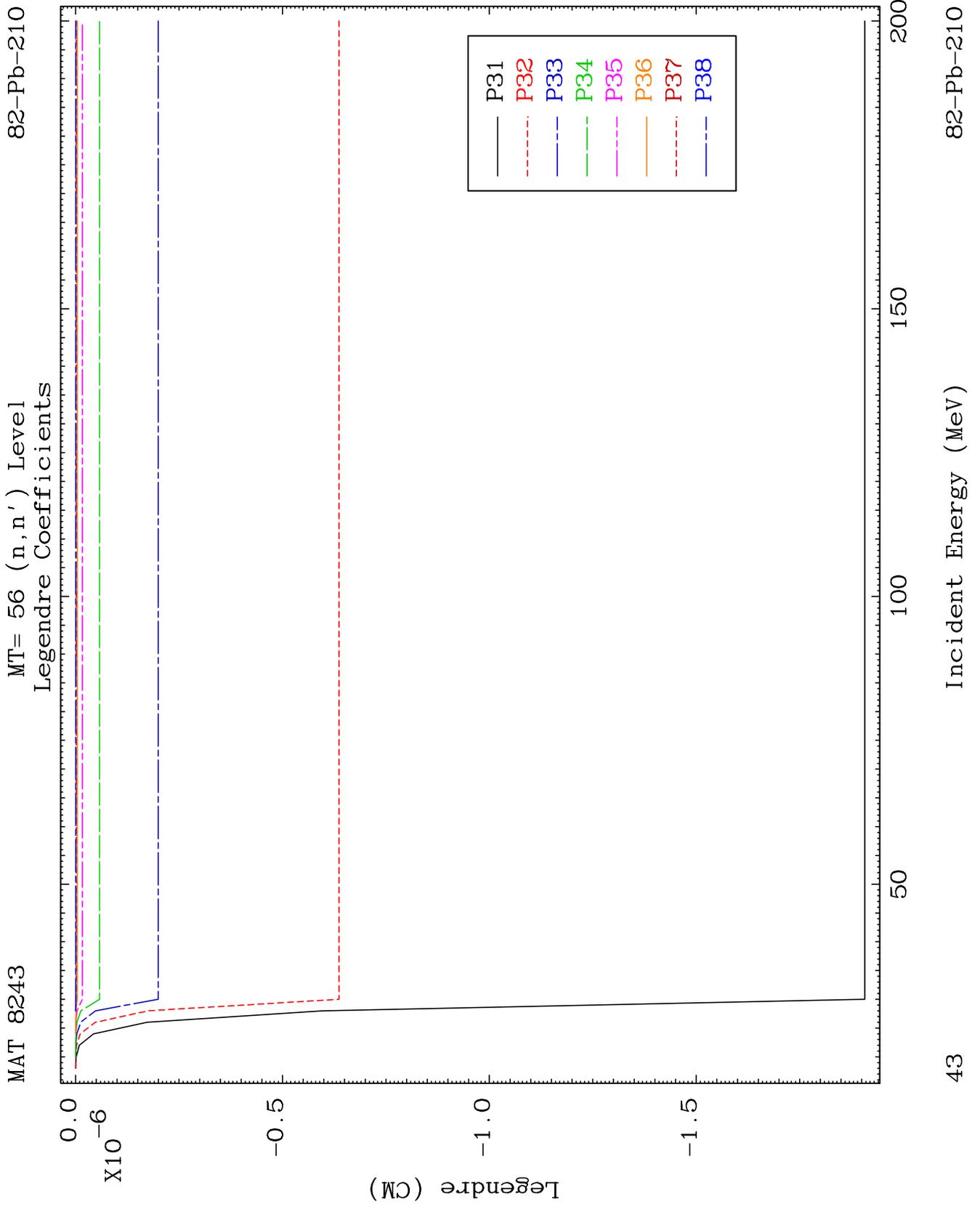
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42

Incident Energy (MeV)

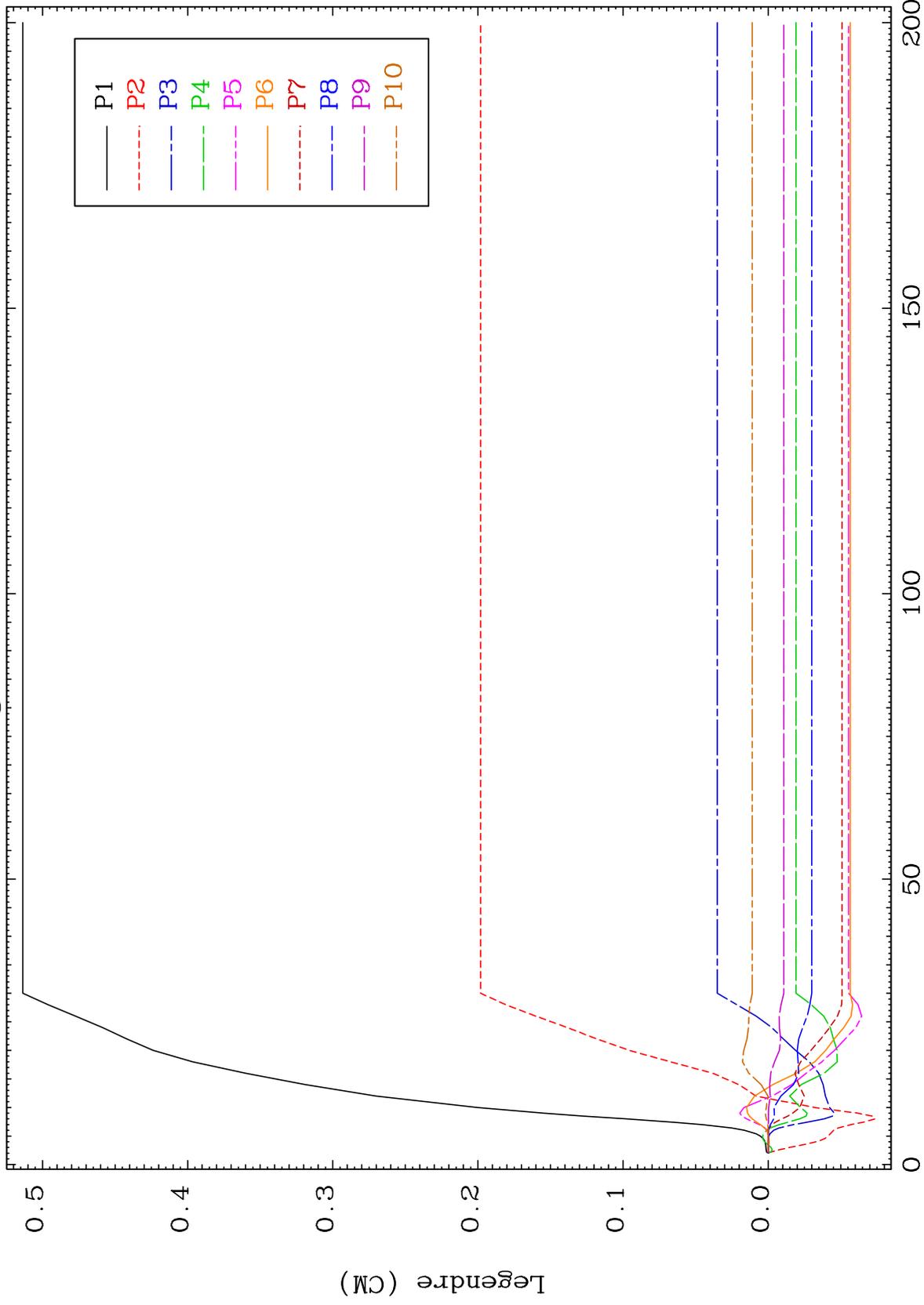
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MAT 8243

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

82-Pb-210



44

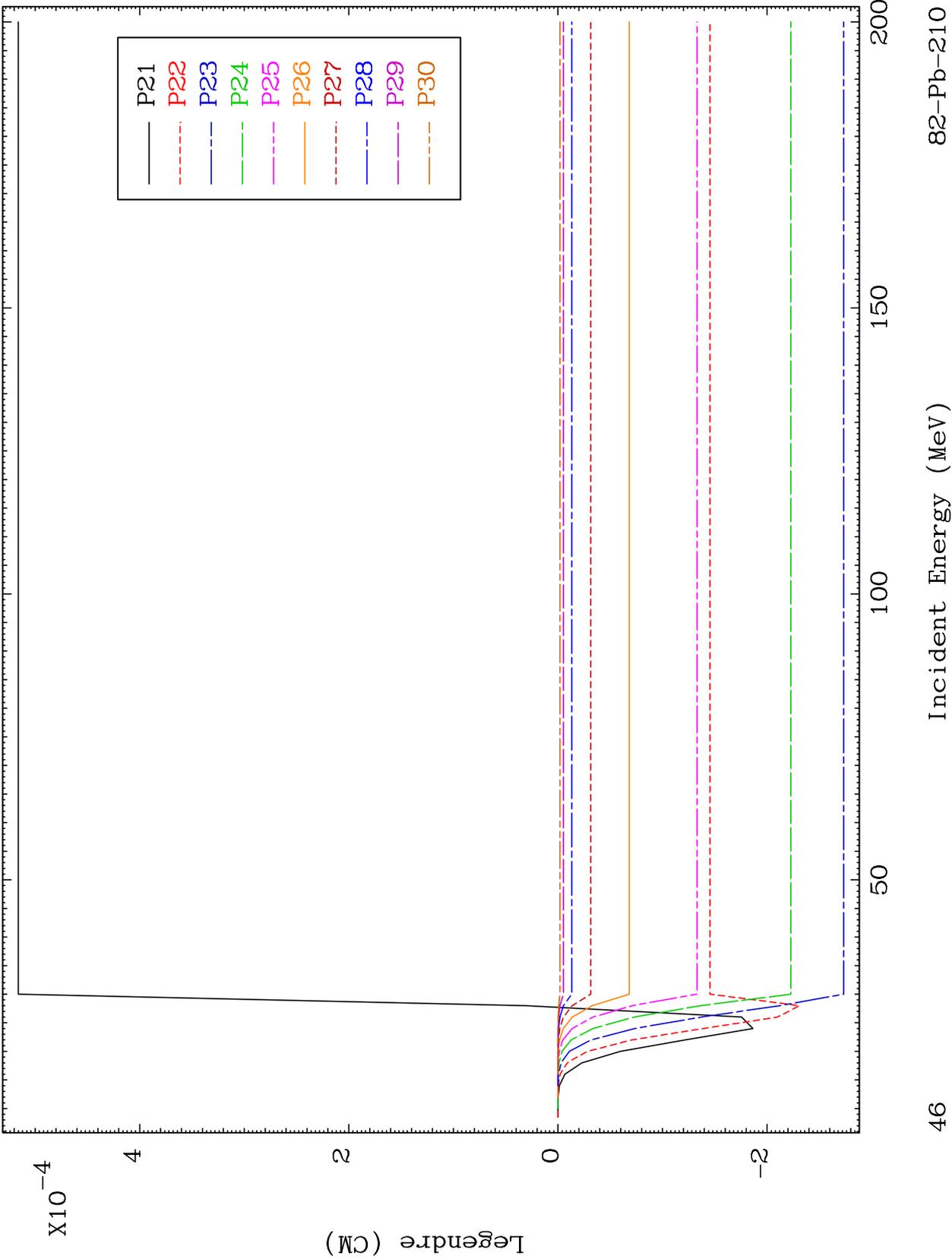
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

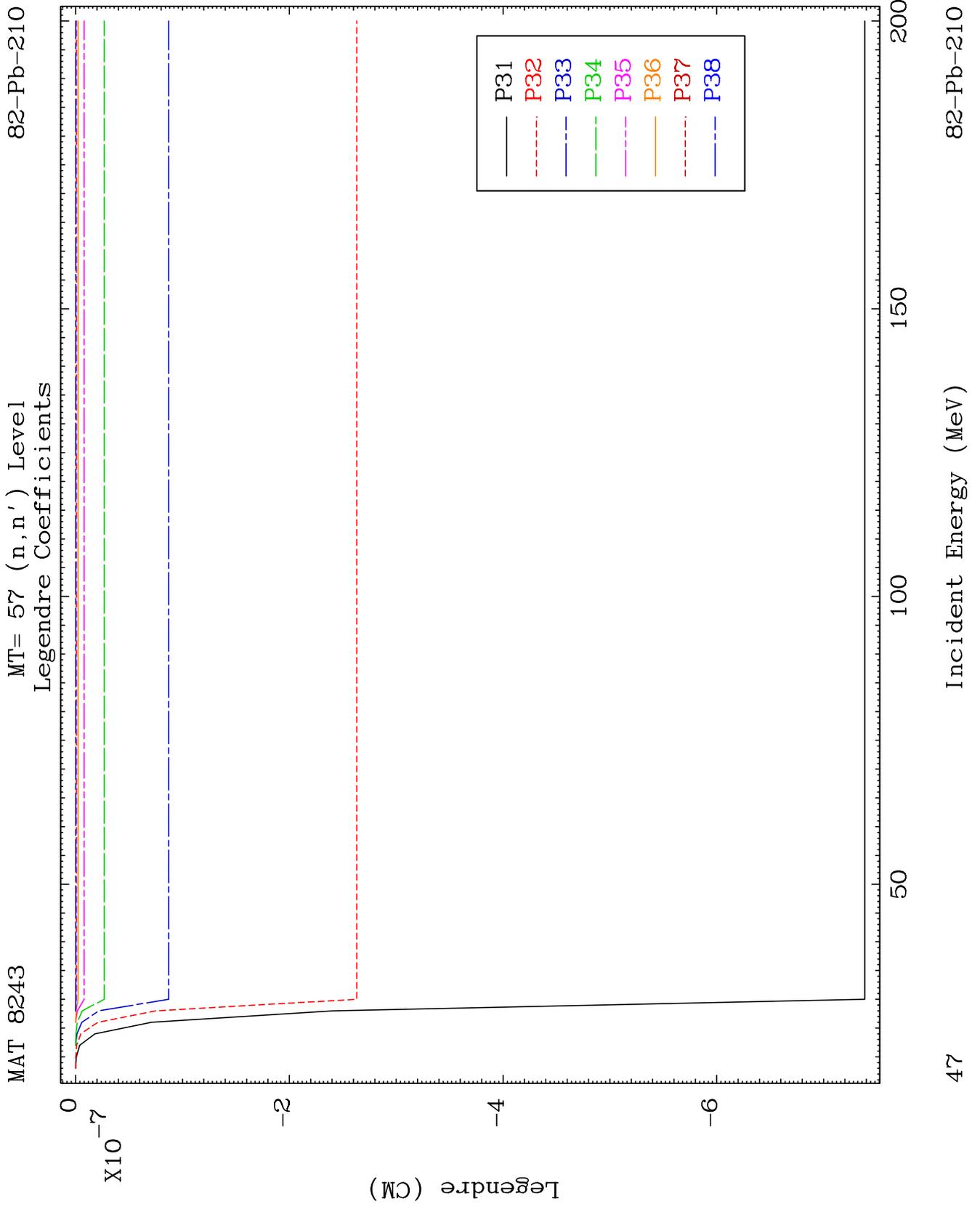
82-Pb-210



46

Incident Energy (MeV)

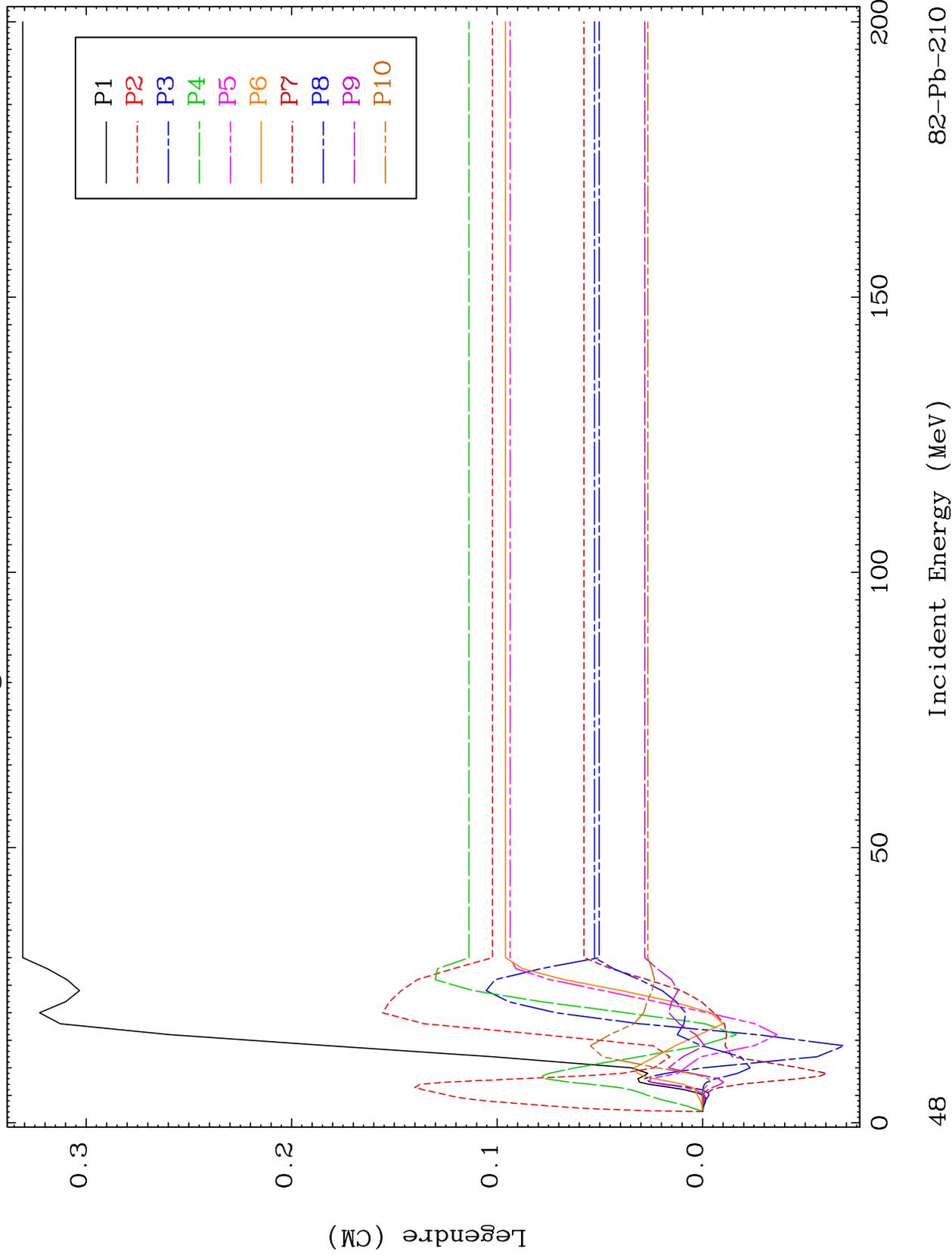
82-Pb-210



MAT 8243

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

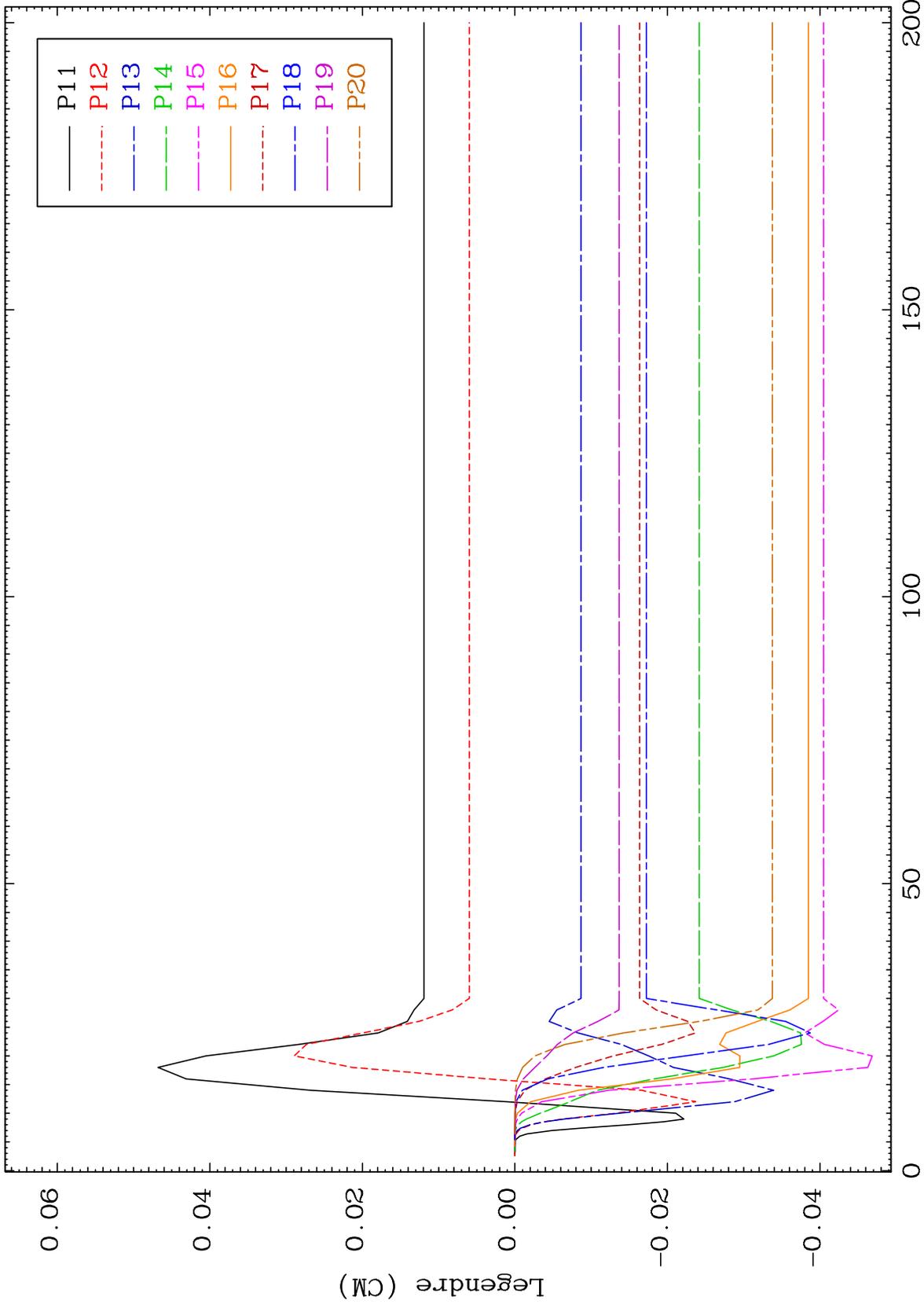
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MAT 8243

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

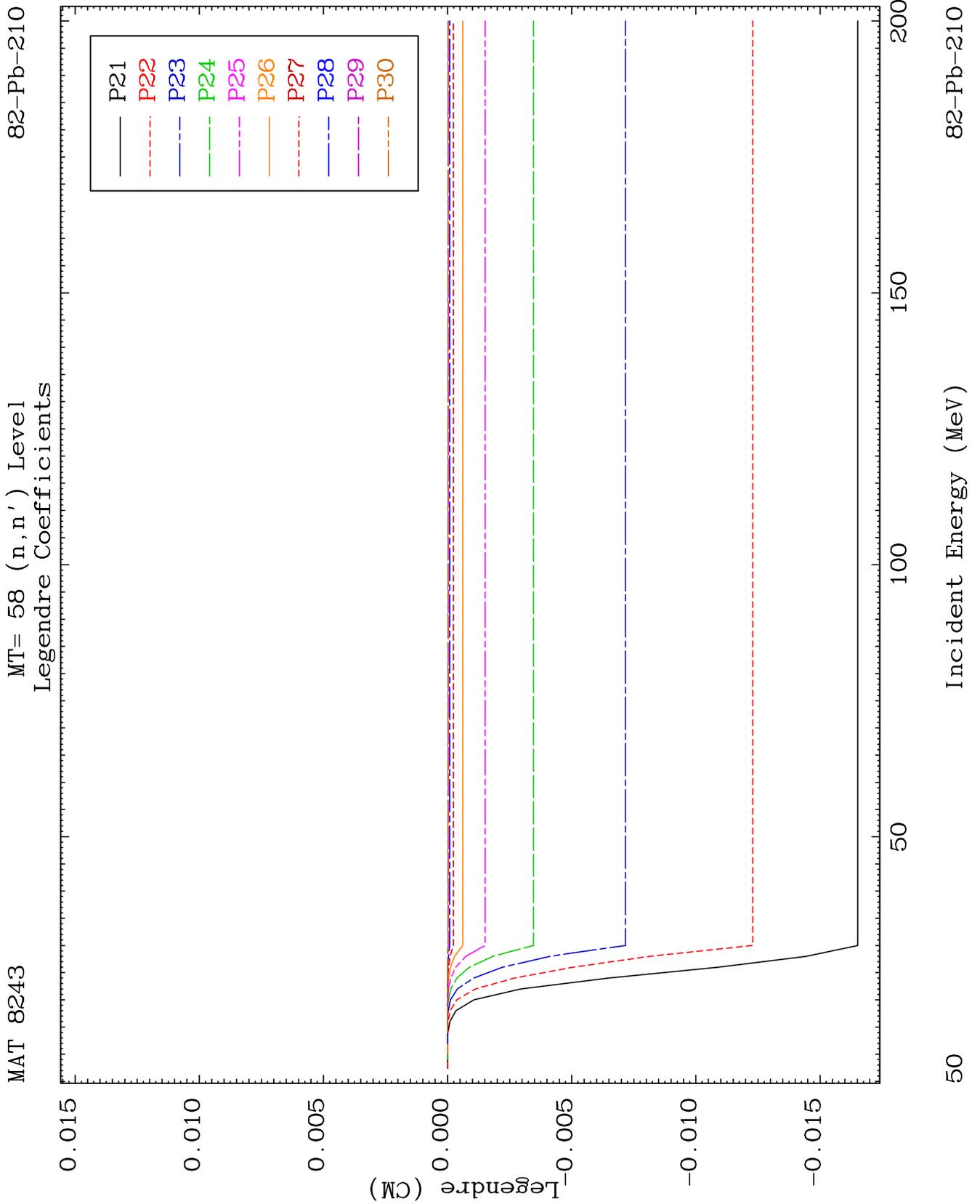
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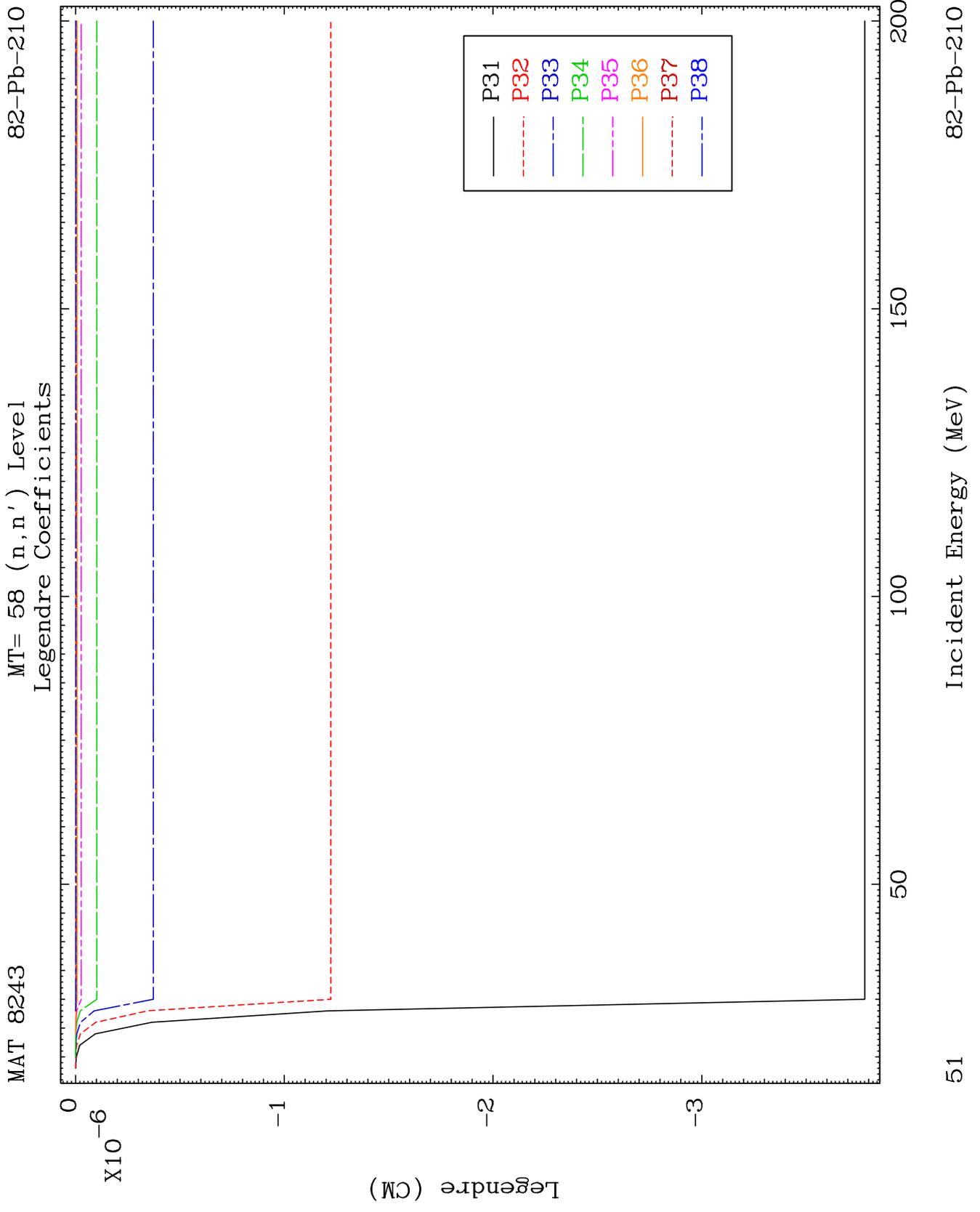


49

Incident Energy (MeV)

82-Pb-210

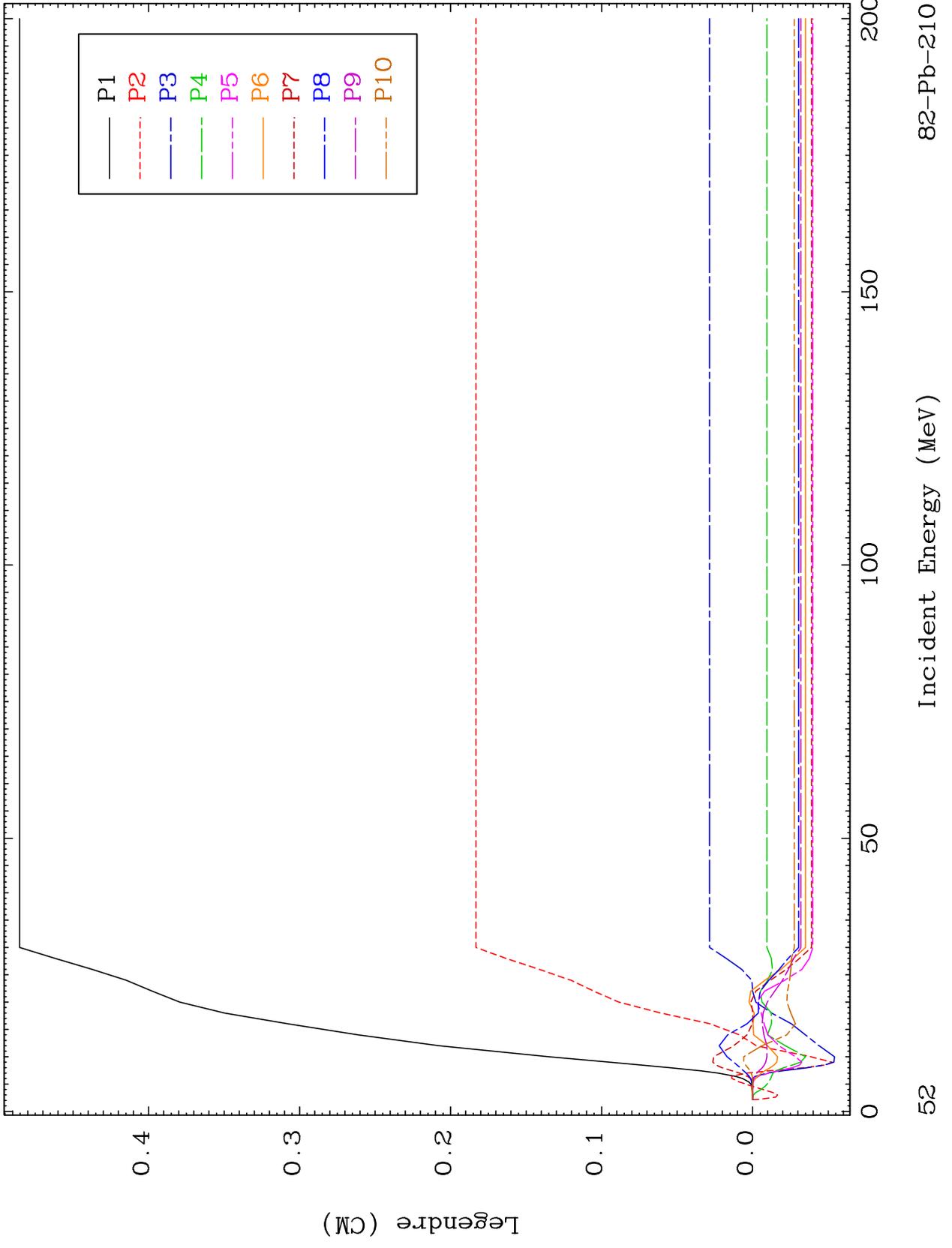




MAT 8243

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

82-Pb-210



52

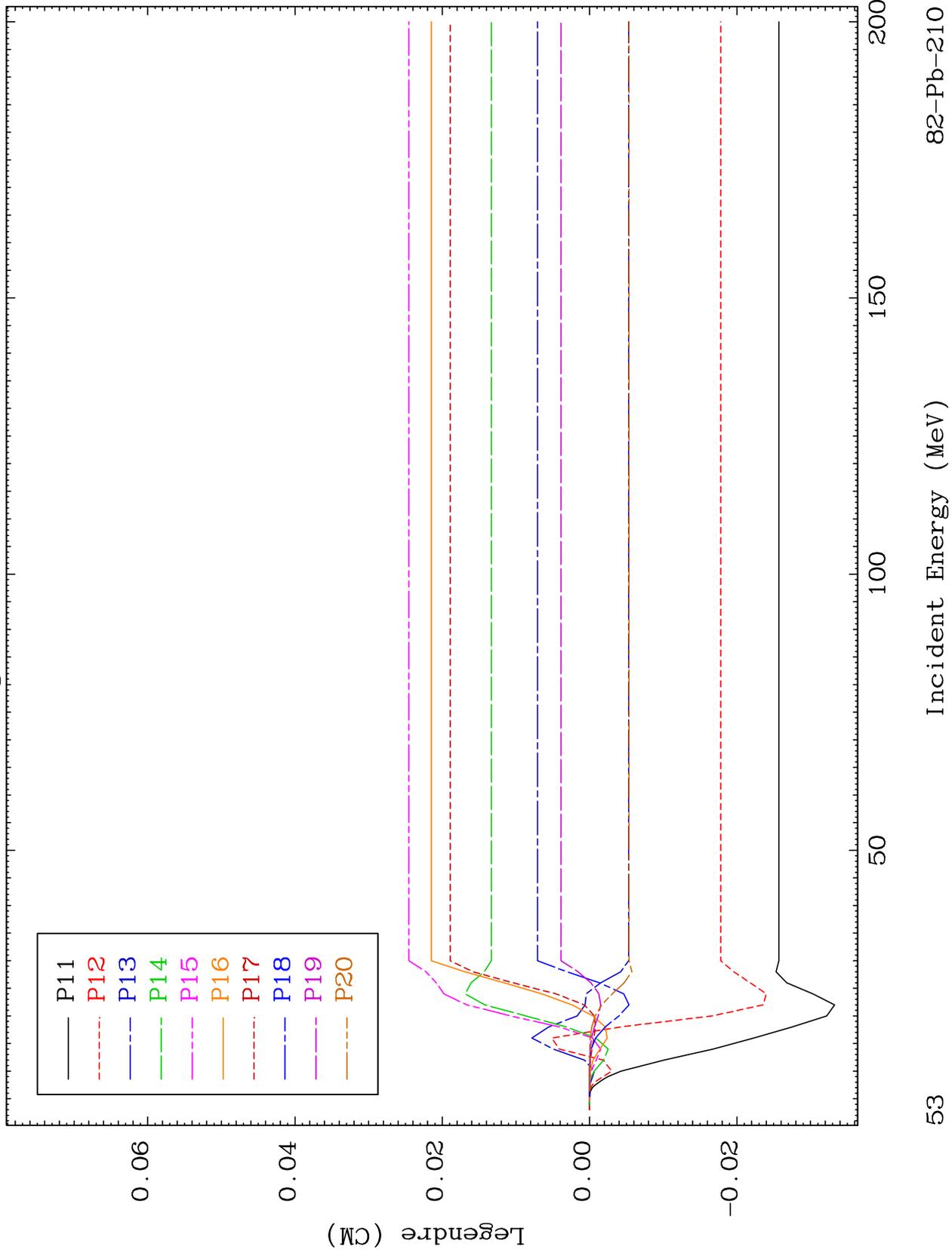
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



53

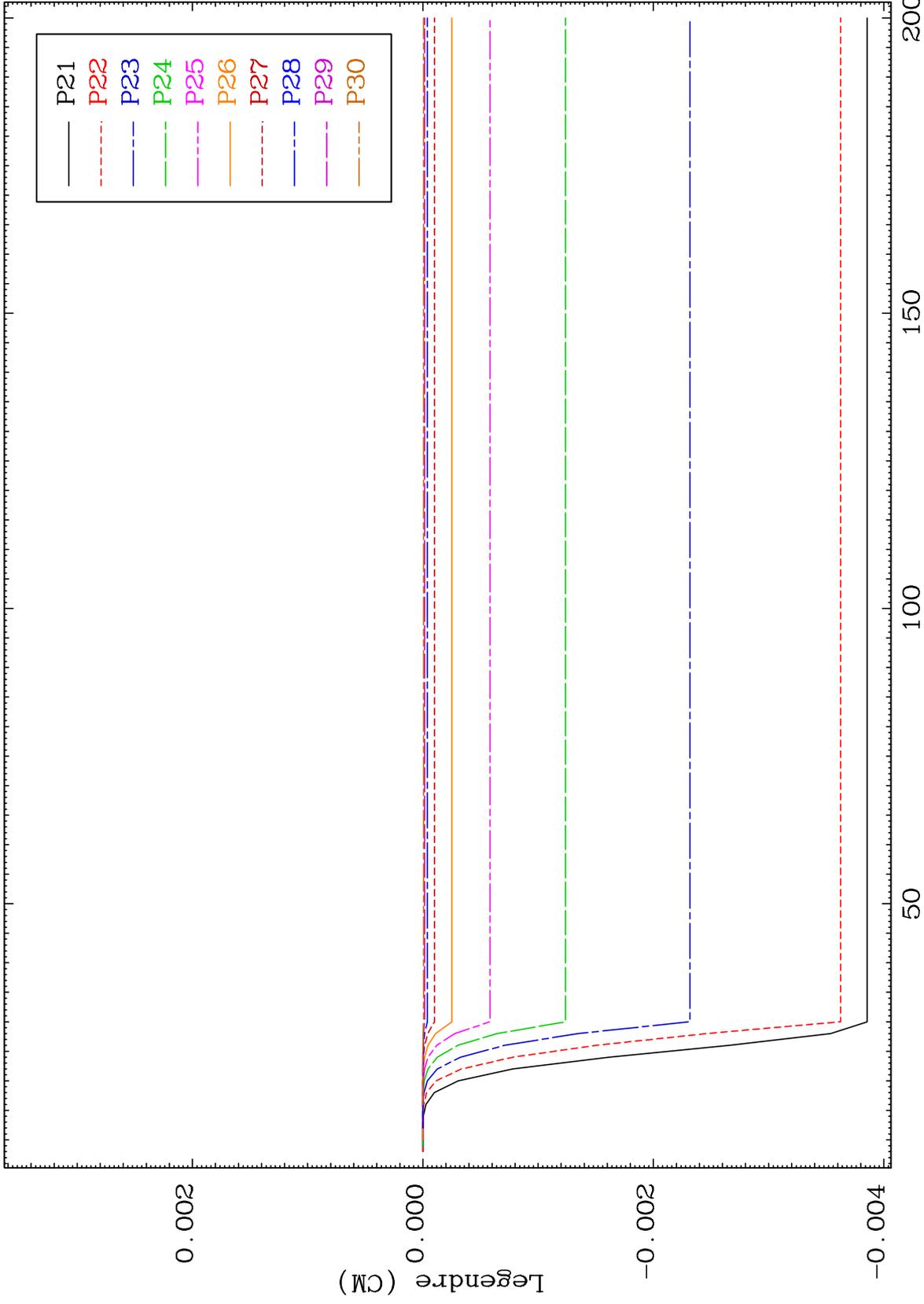
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



54

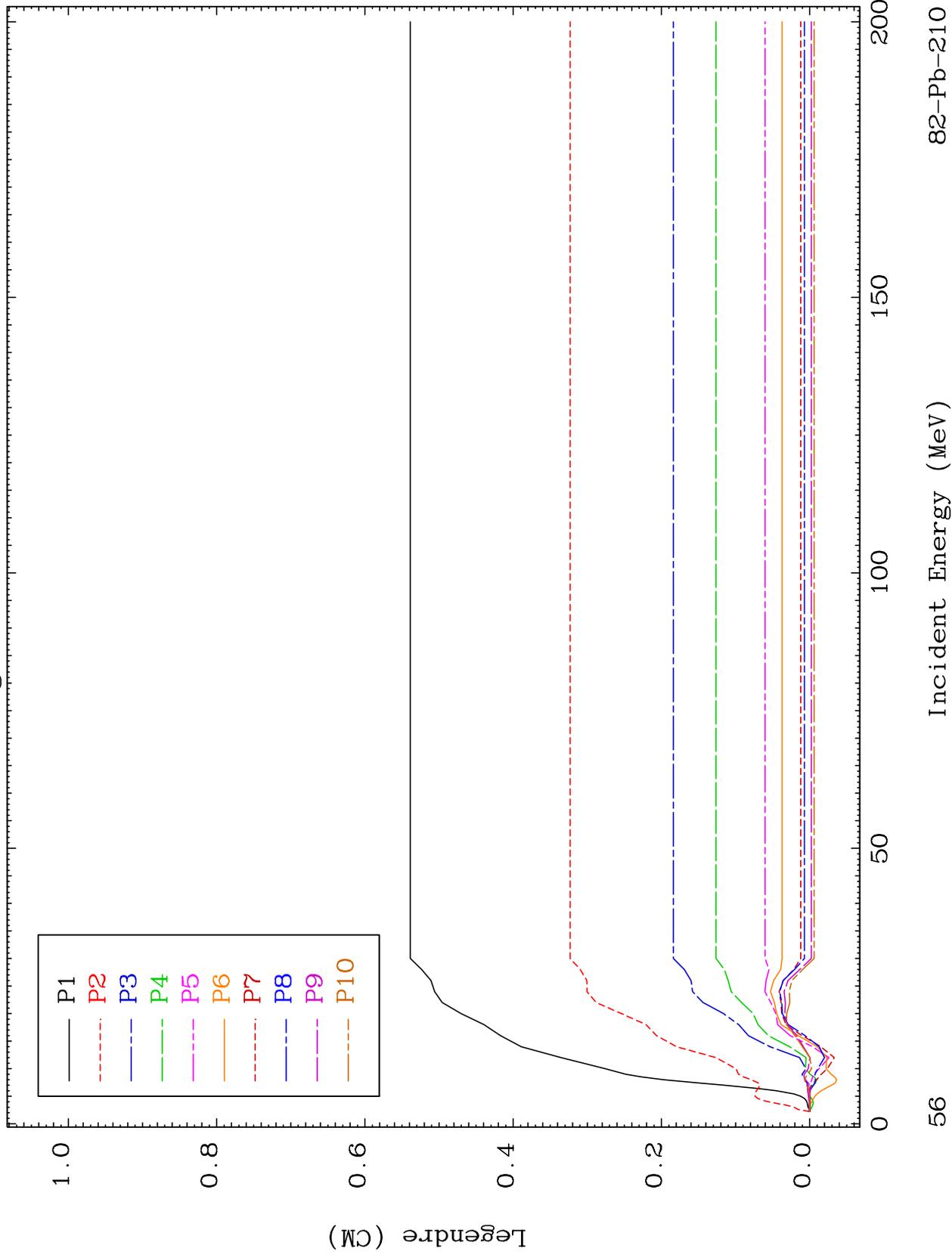
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

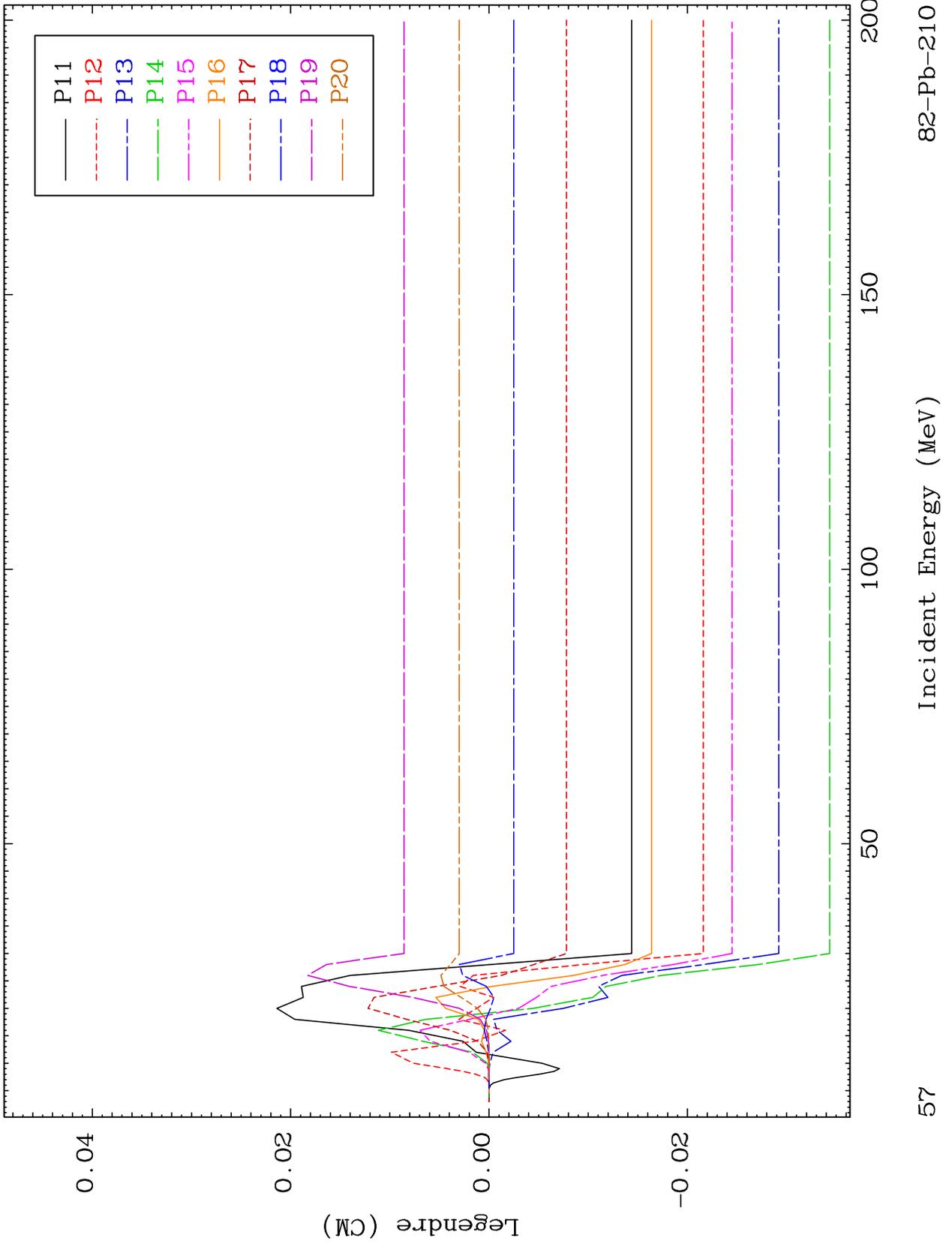


56

MAT 8243

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

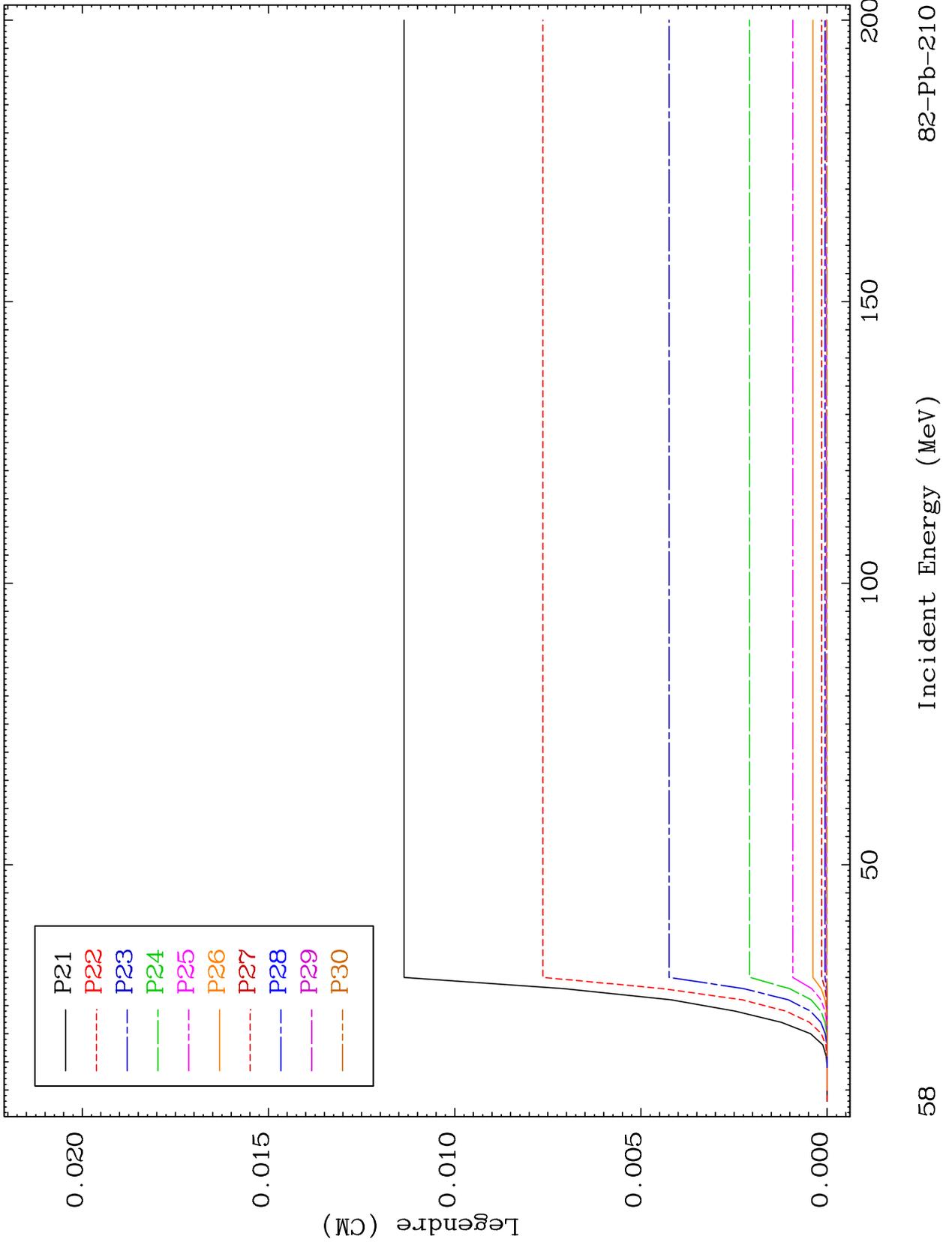
82-Pb-210



MAT 8243

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

82-Pb-210



58

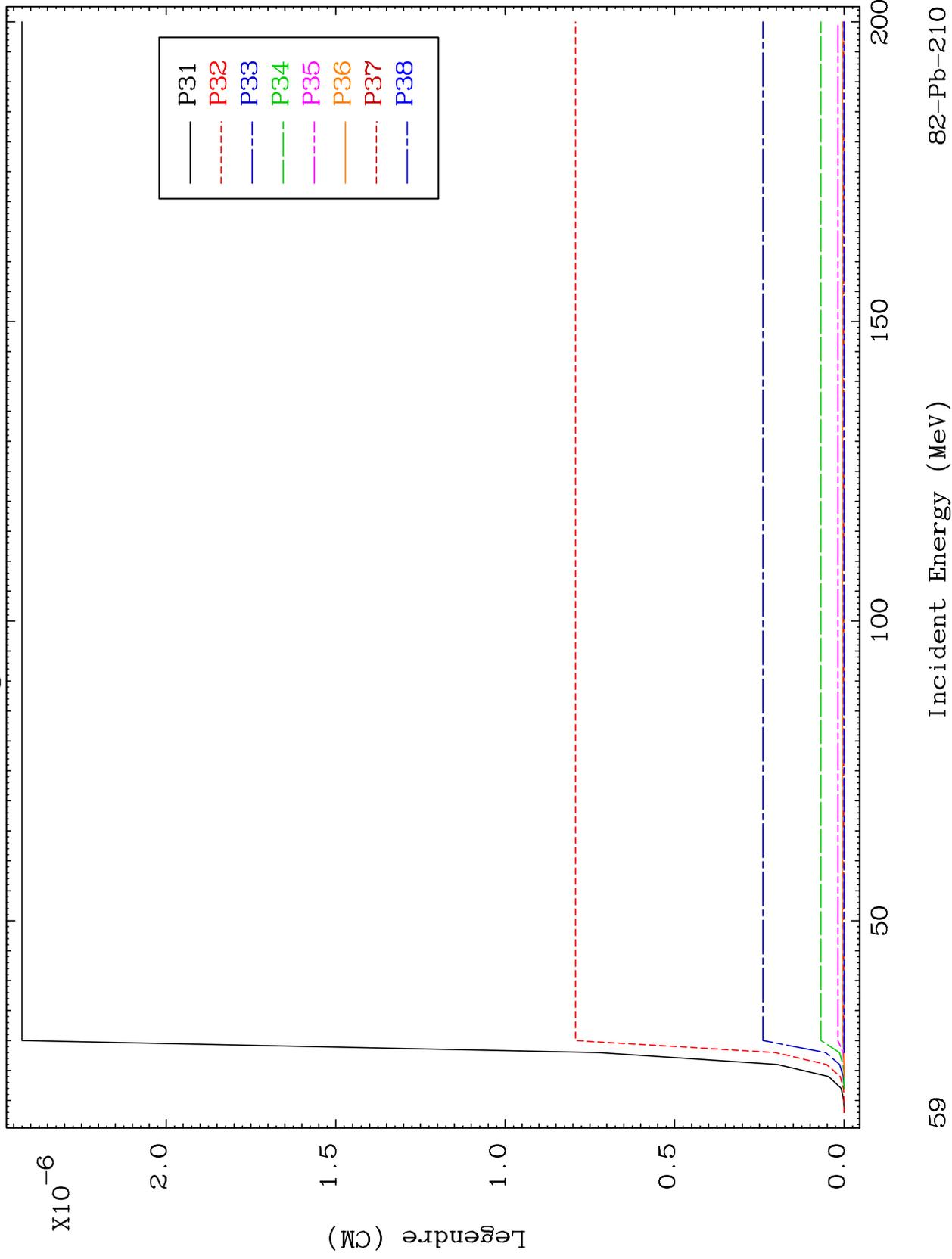
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

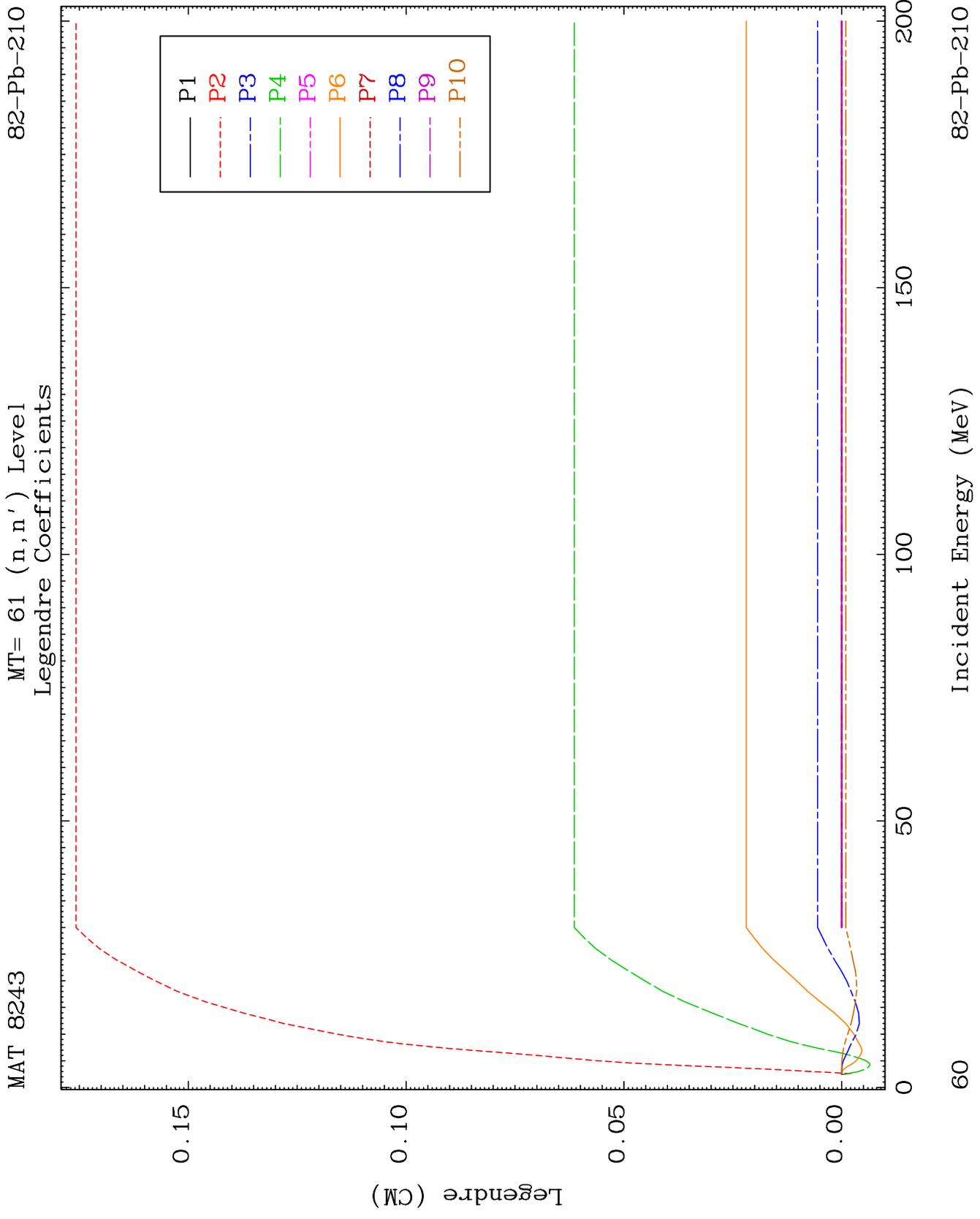
82-Pb-210



59

Incident Energy (MeV)

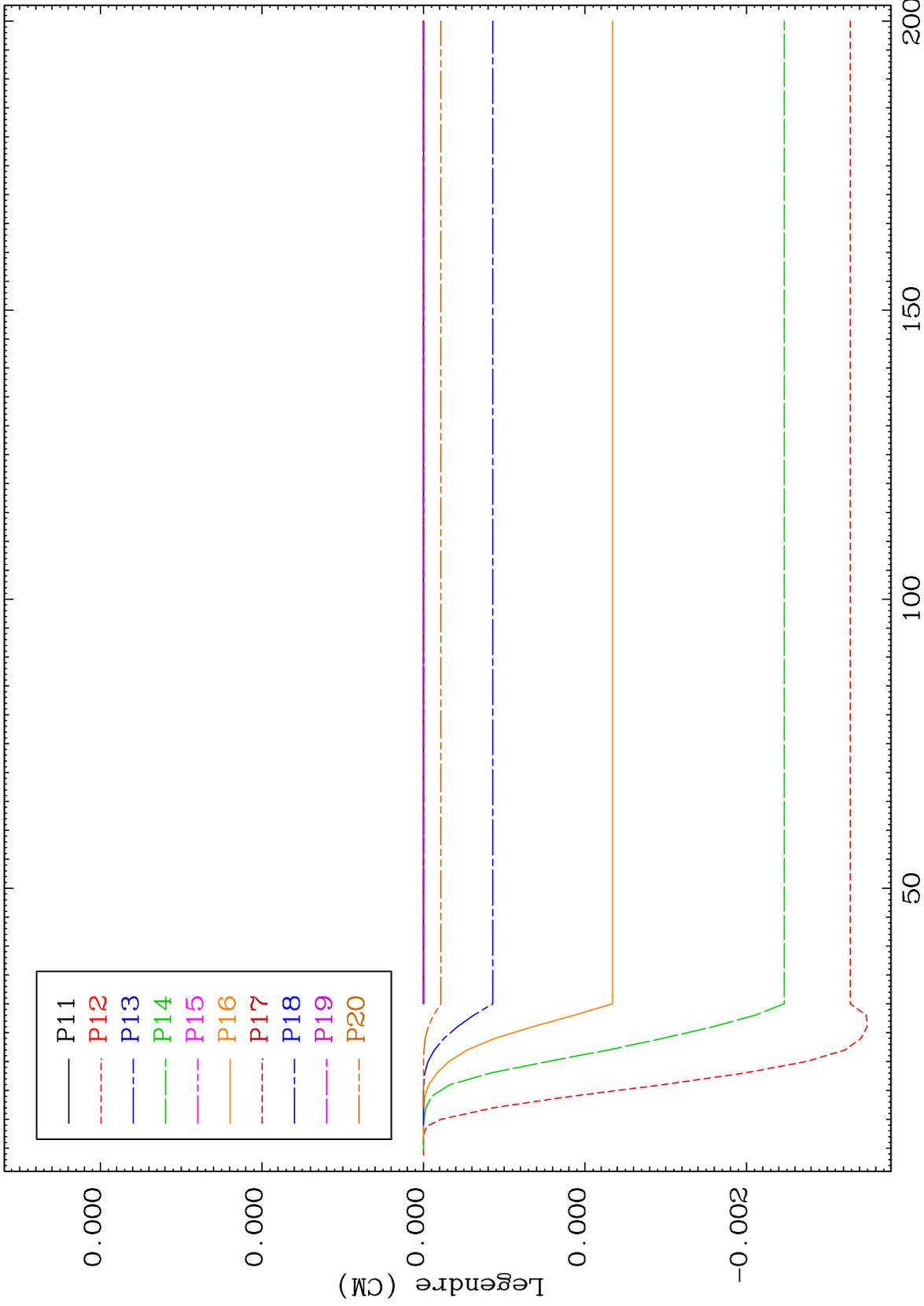
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MAT 8243

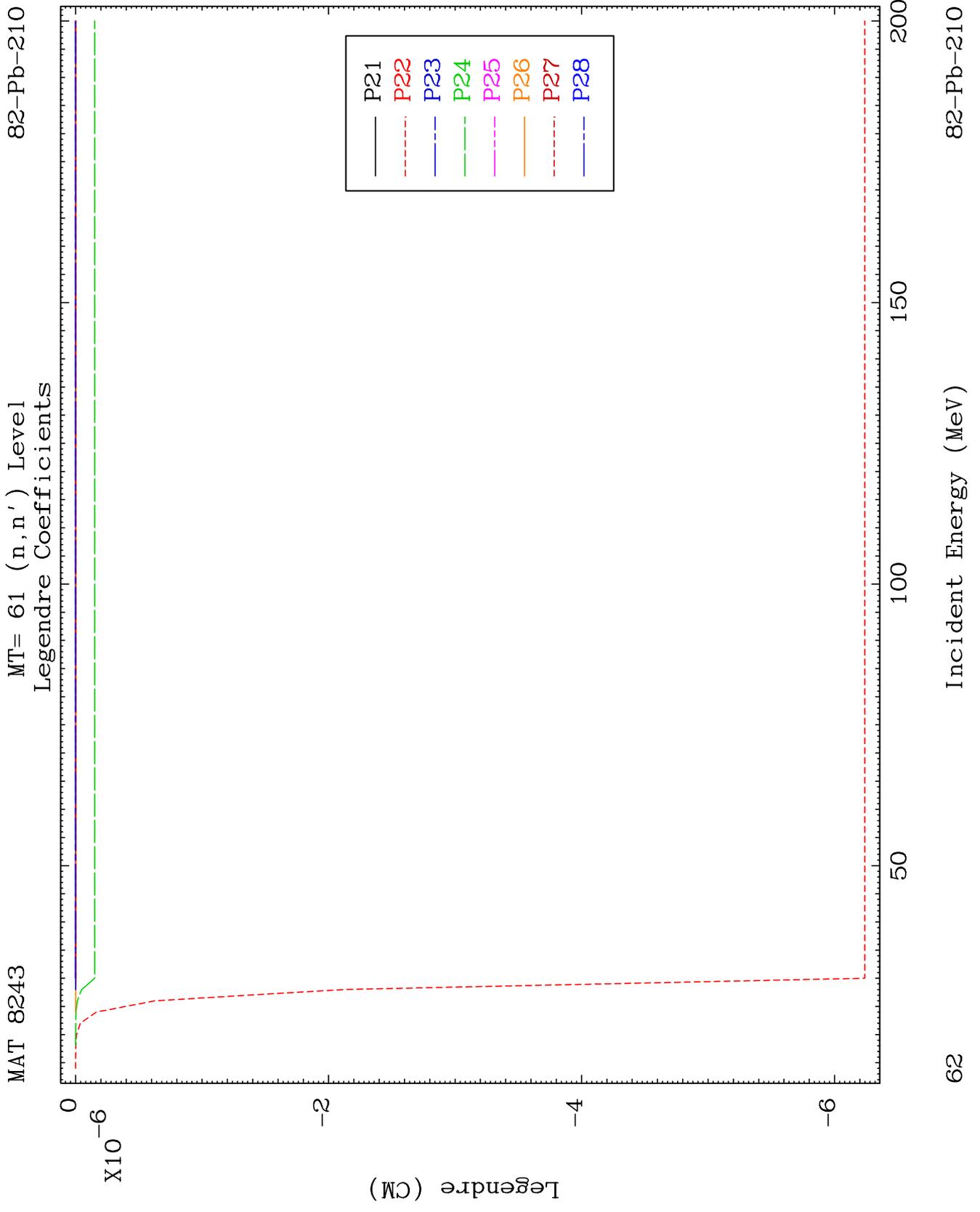
MT= 61 (n,n') Level
Legendre Coefficients

82-Pb-210



61

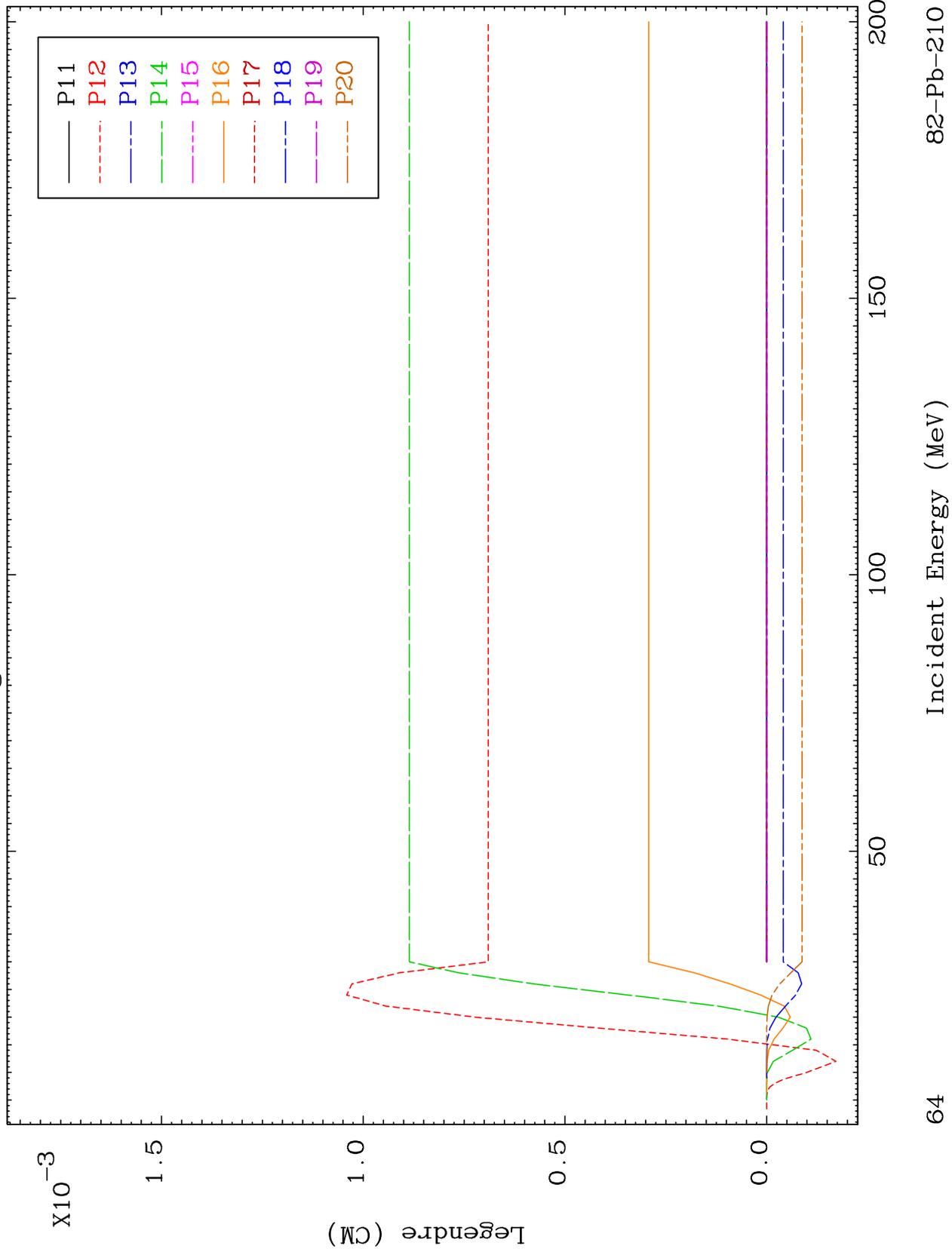
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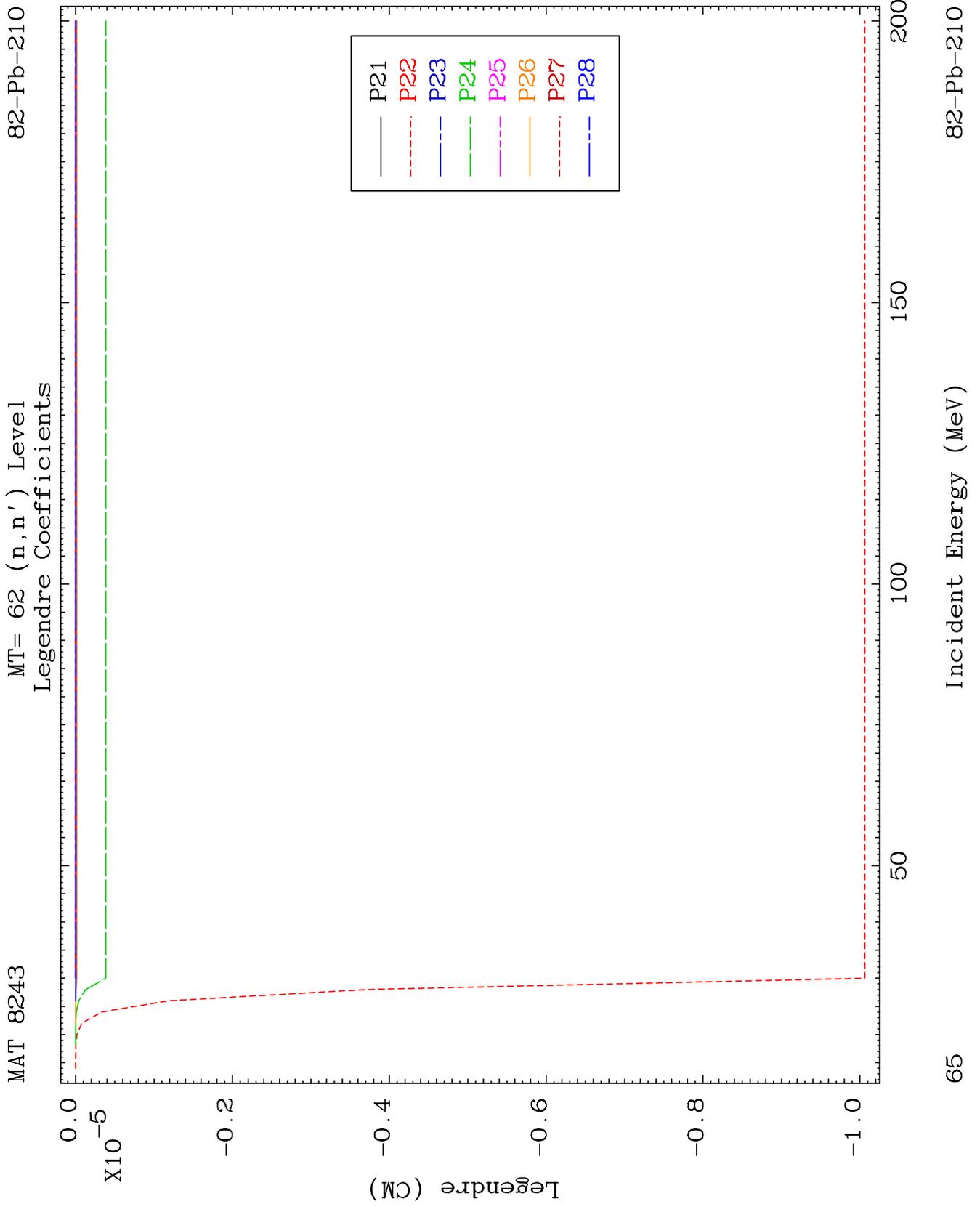


MAT 8243

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

82-Pb-210

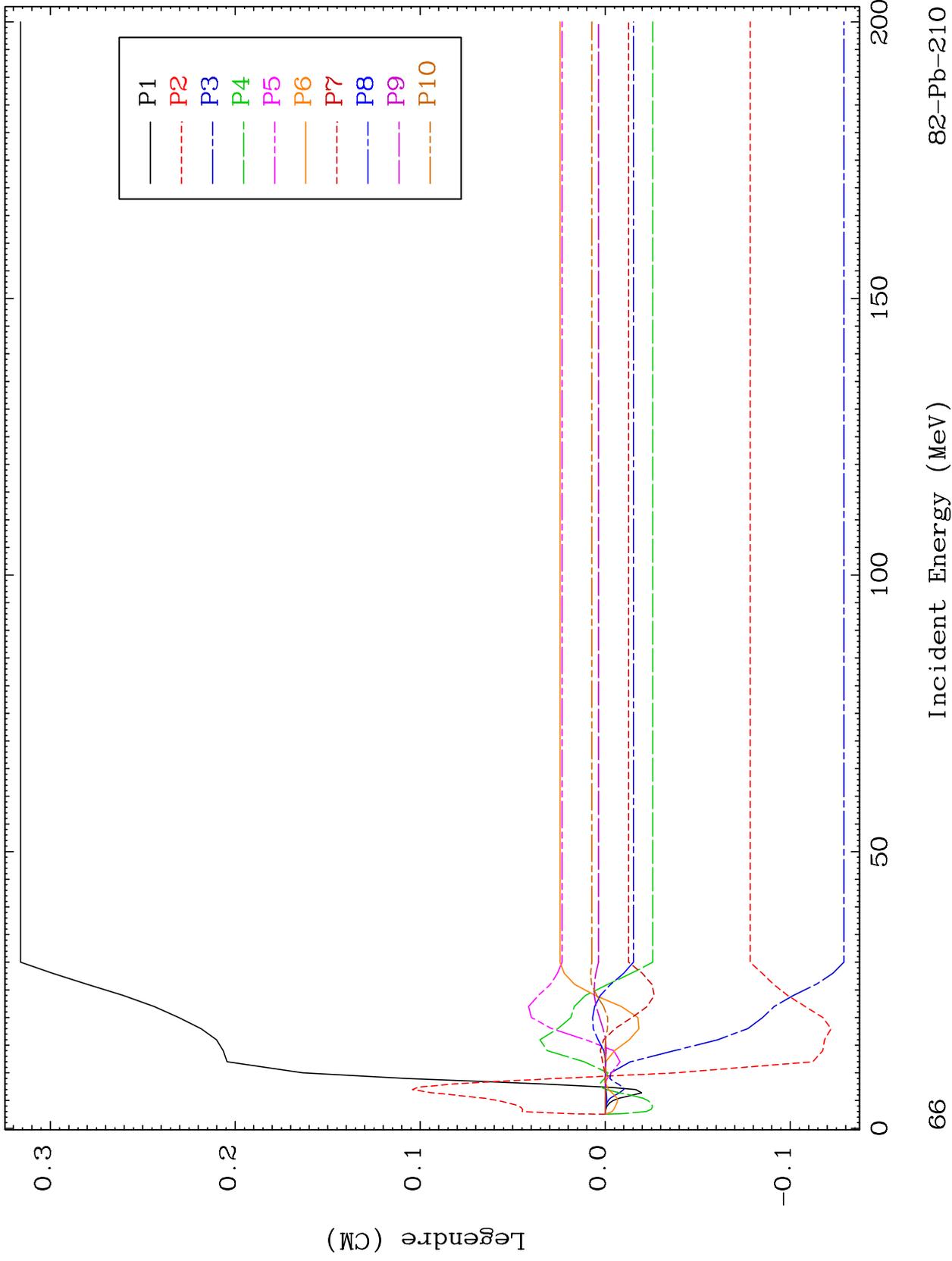




MAT 8243

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

82-Pb-210



66

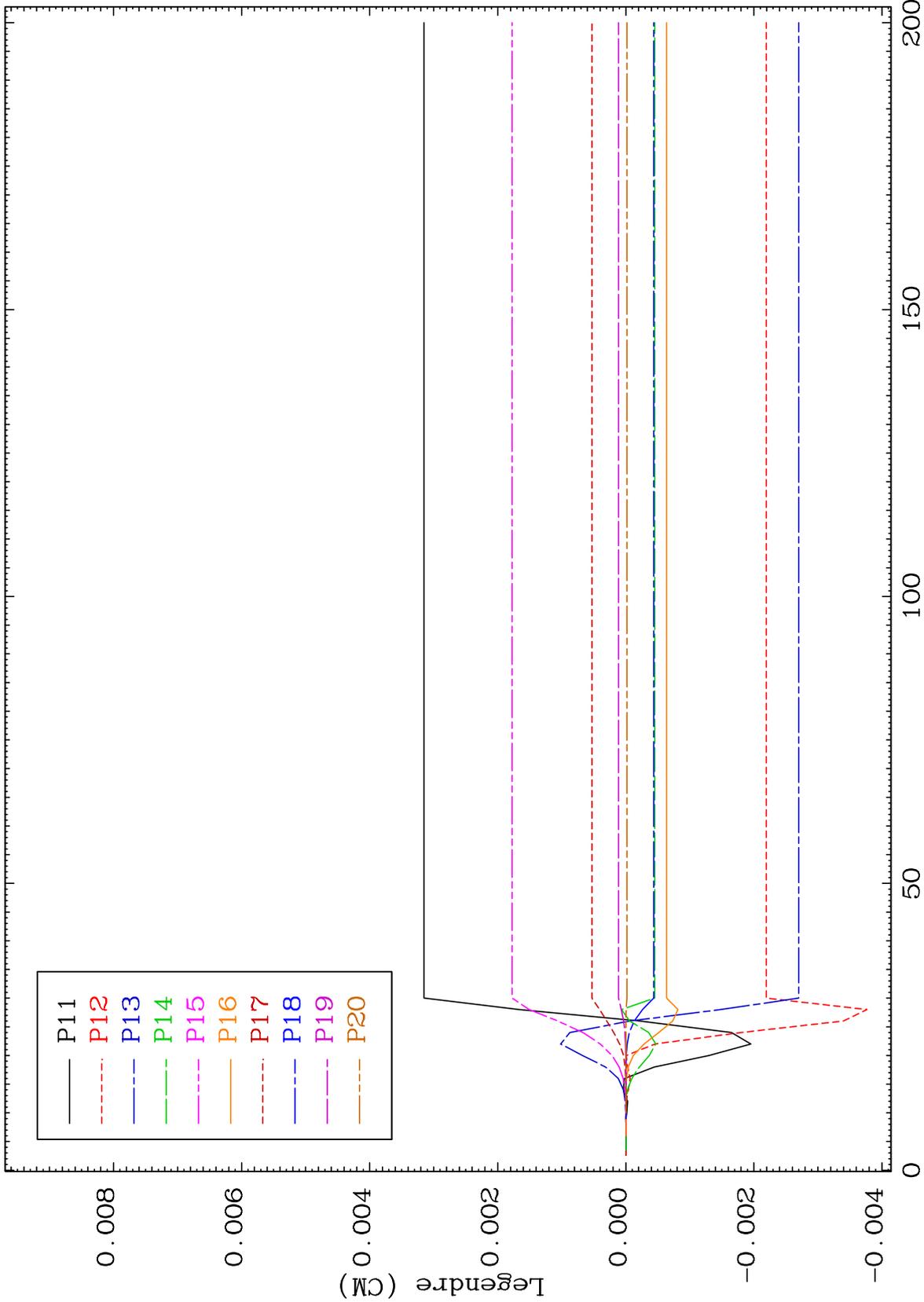
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



67

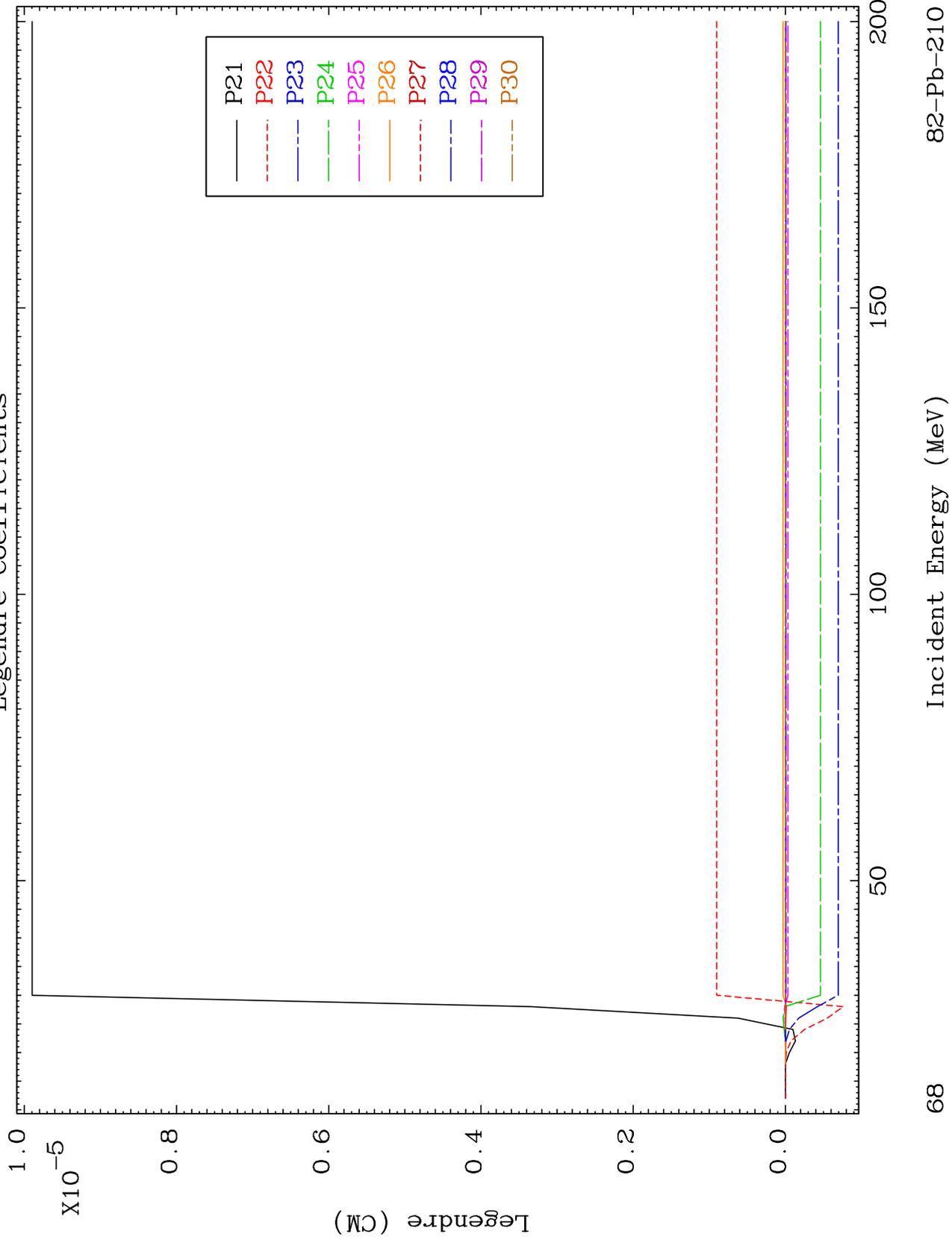
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

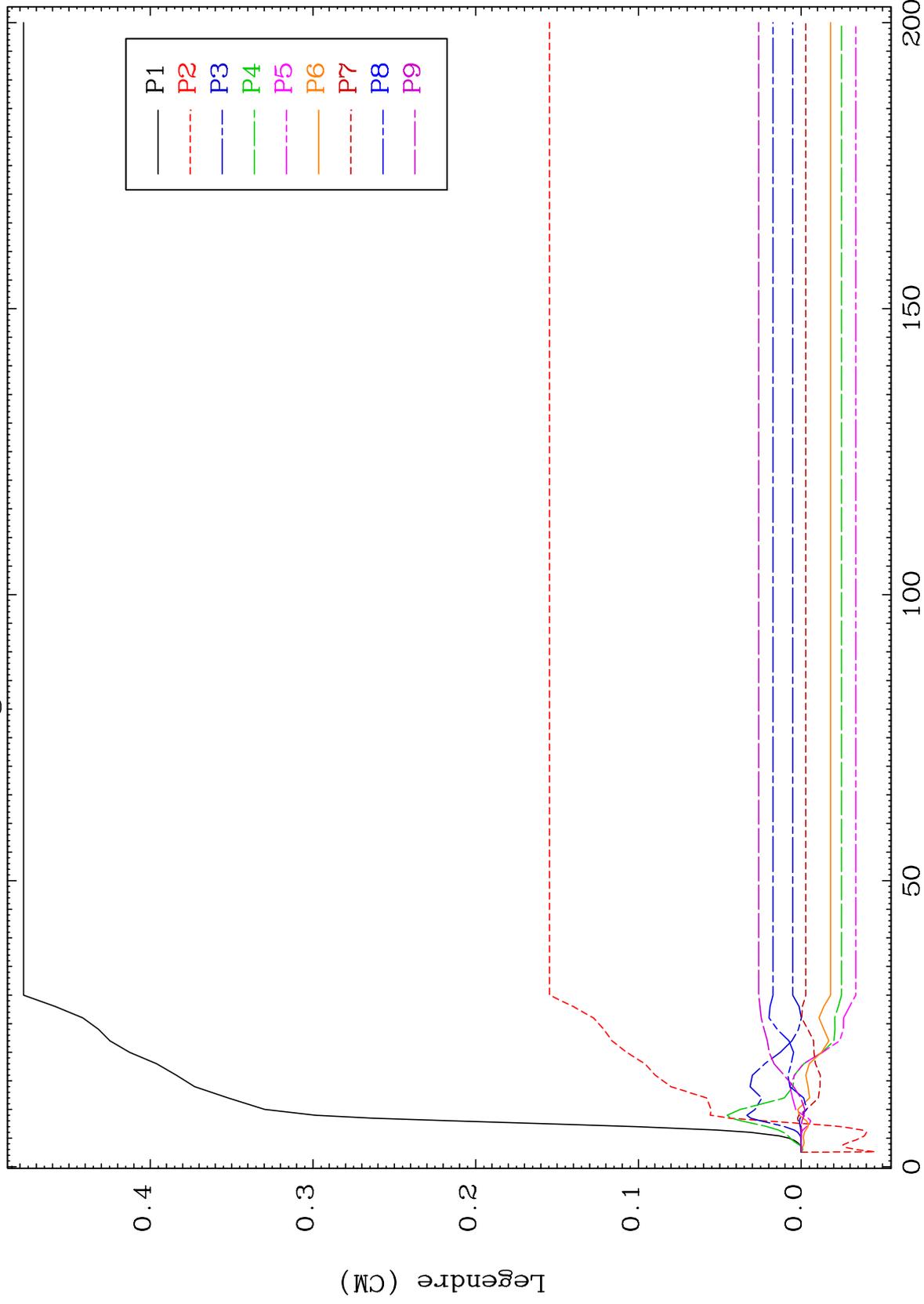
82-Pb-210



MAT 8243

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

82-Pb-210



69

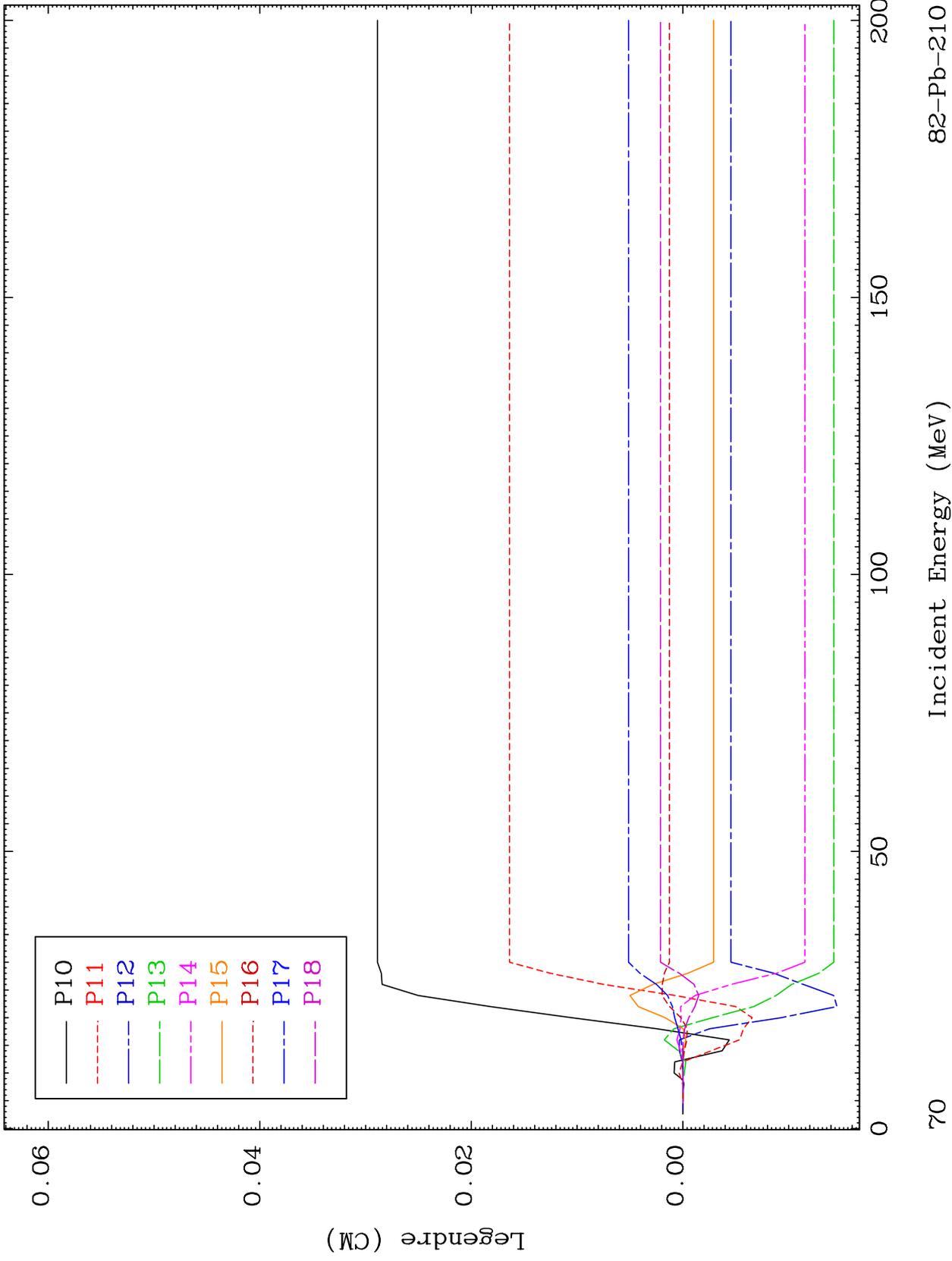
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



70

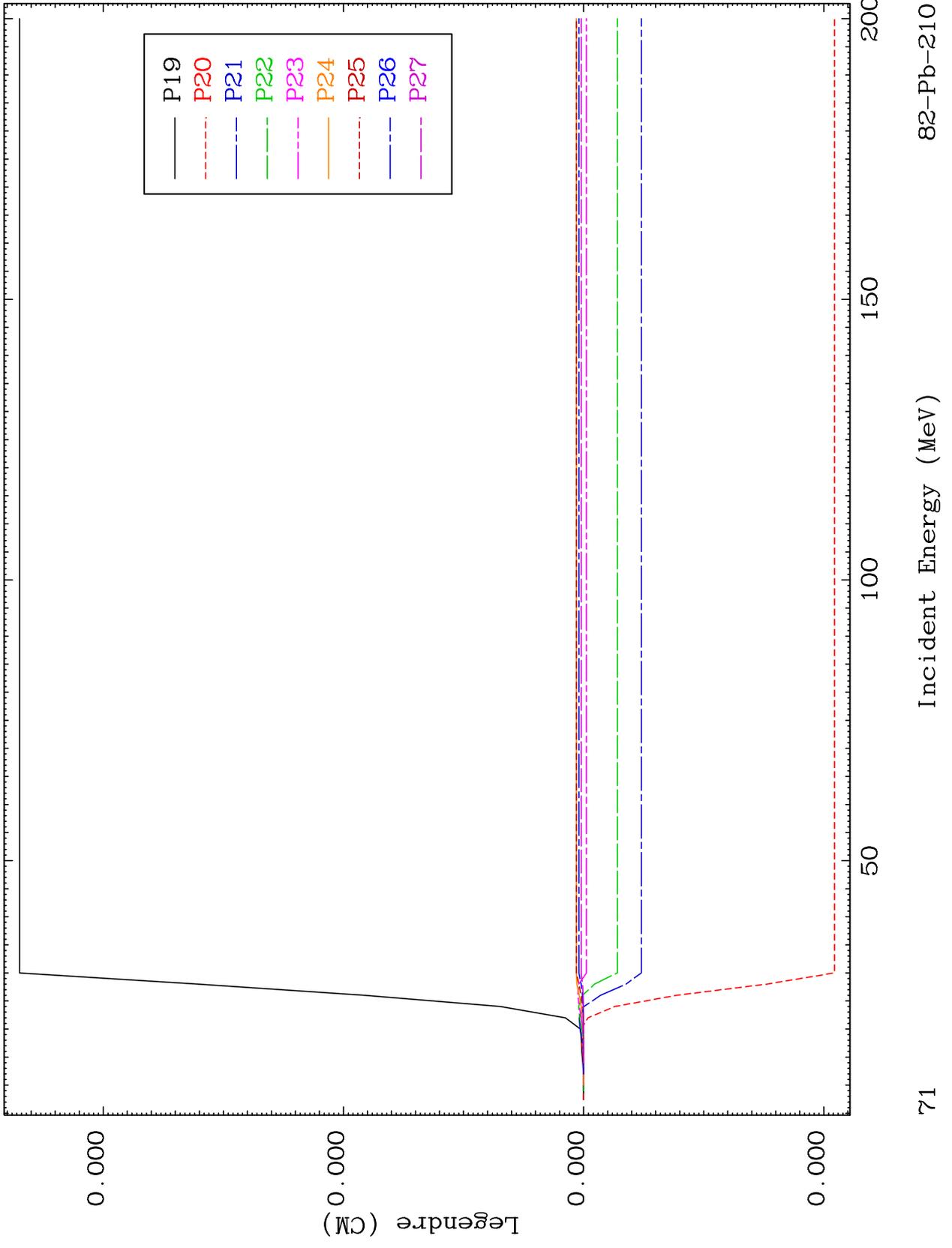
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



71

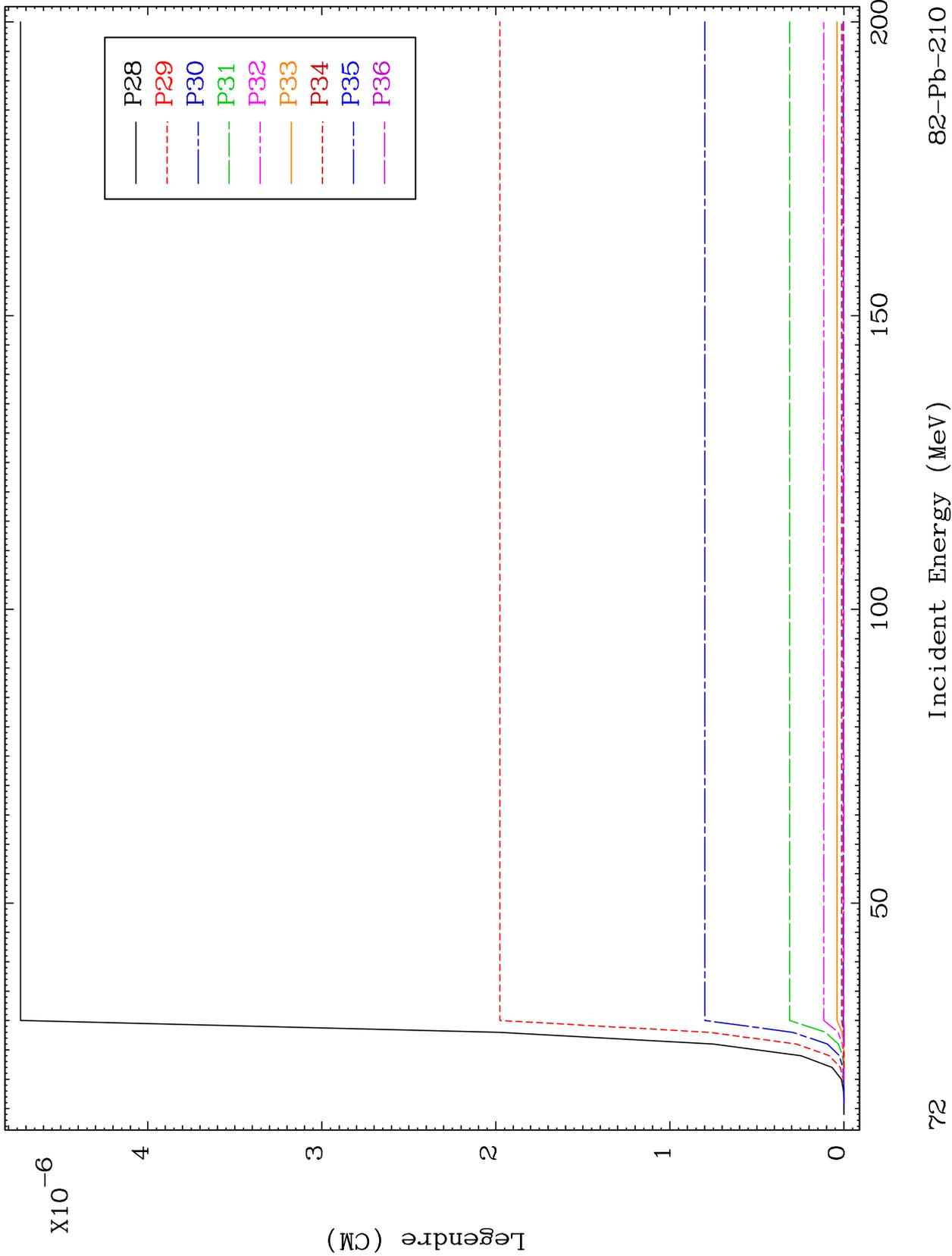
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



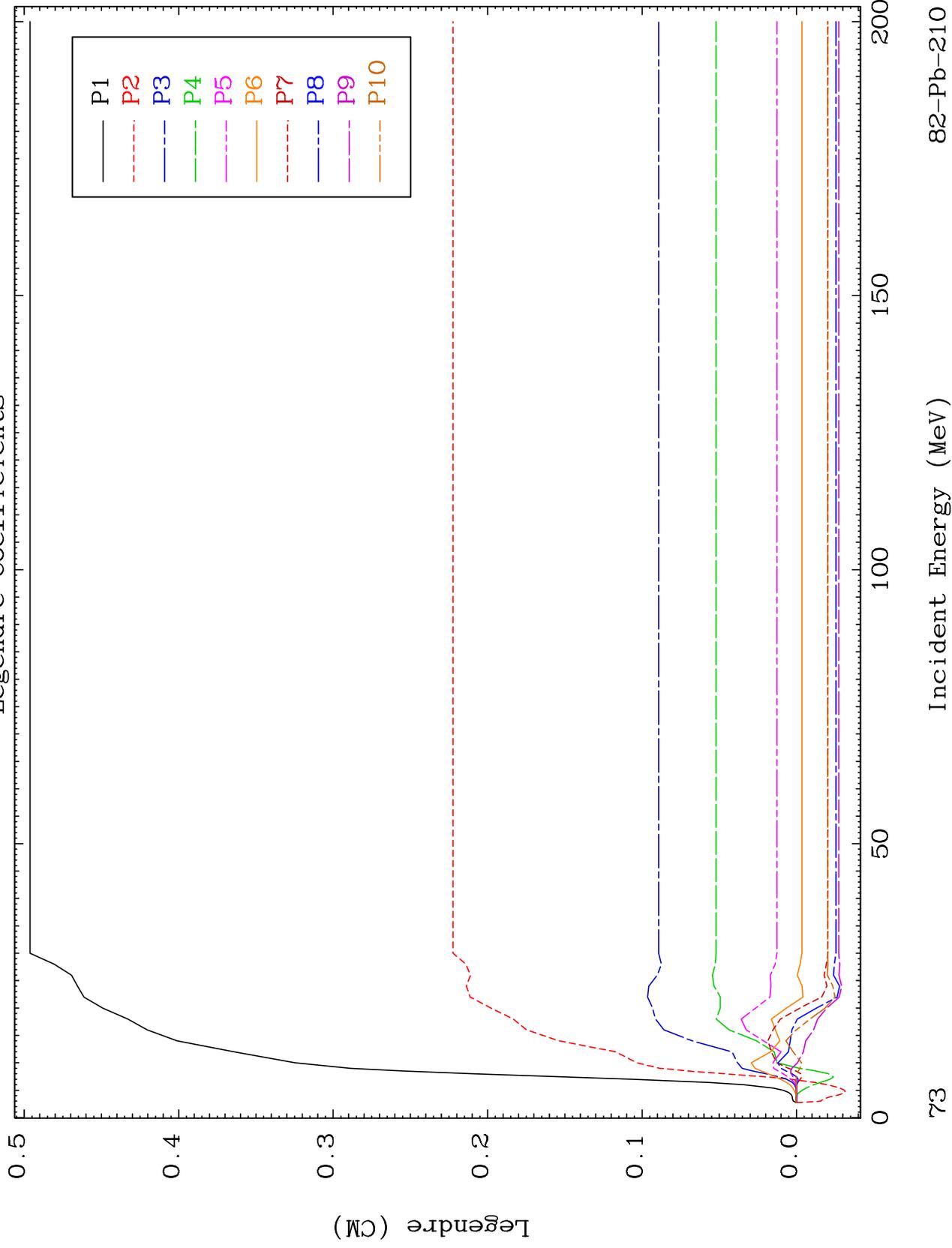
72

82-Pb-210

MAT 8243

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

82-Pb-210



73

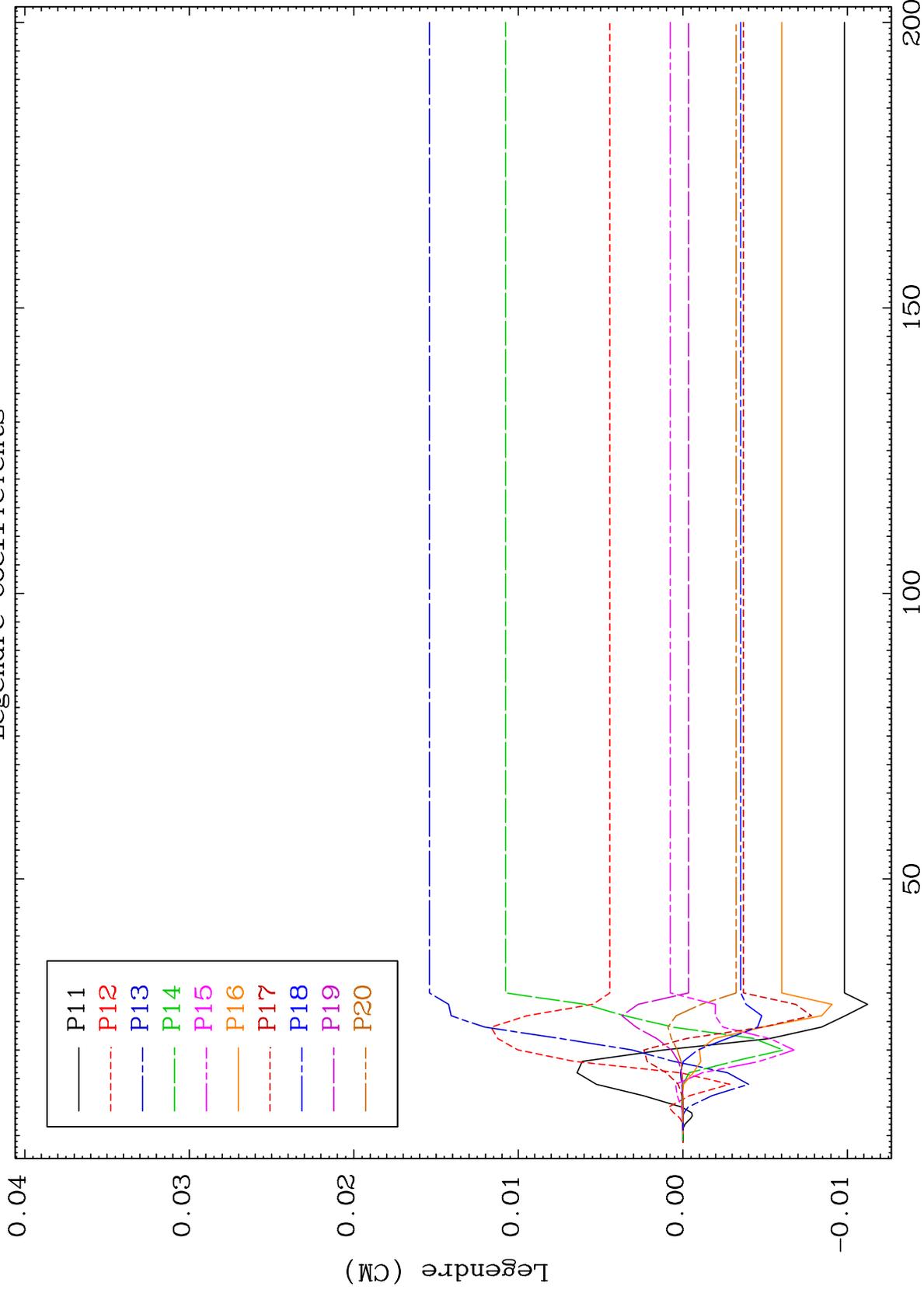
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



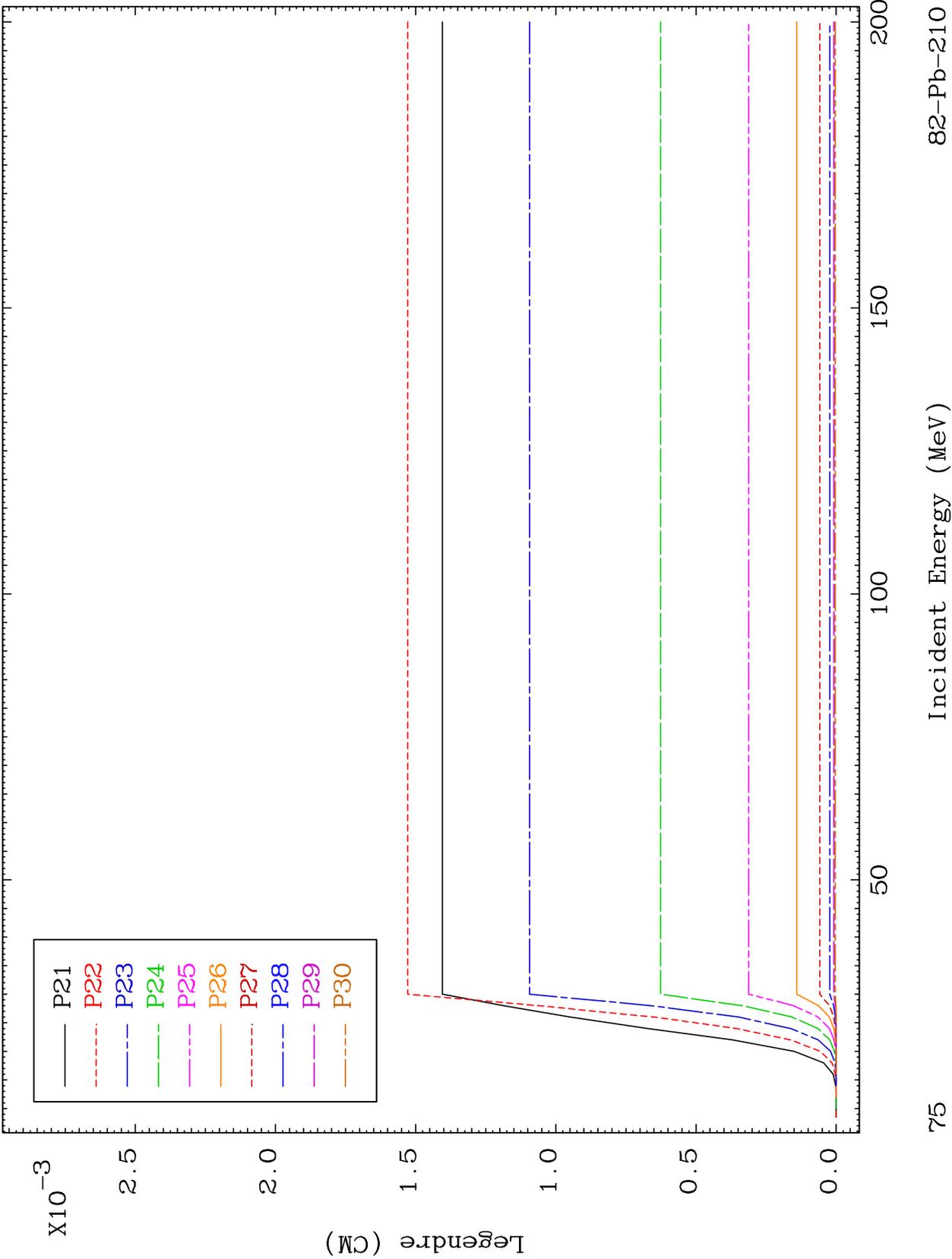
74

82-Pb-210

MAT 8243

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

82-Pb-210



75

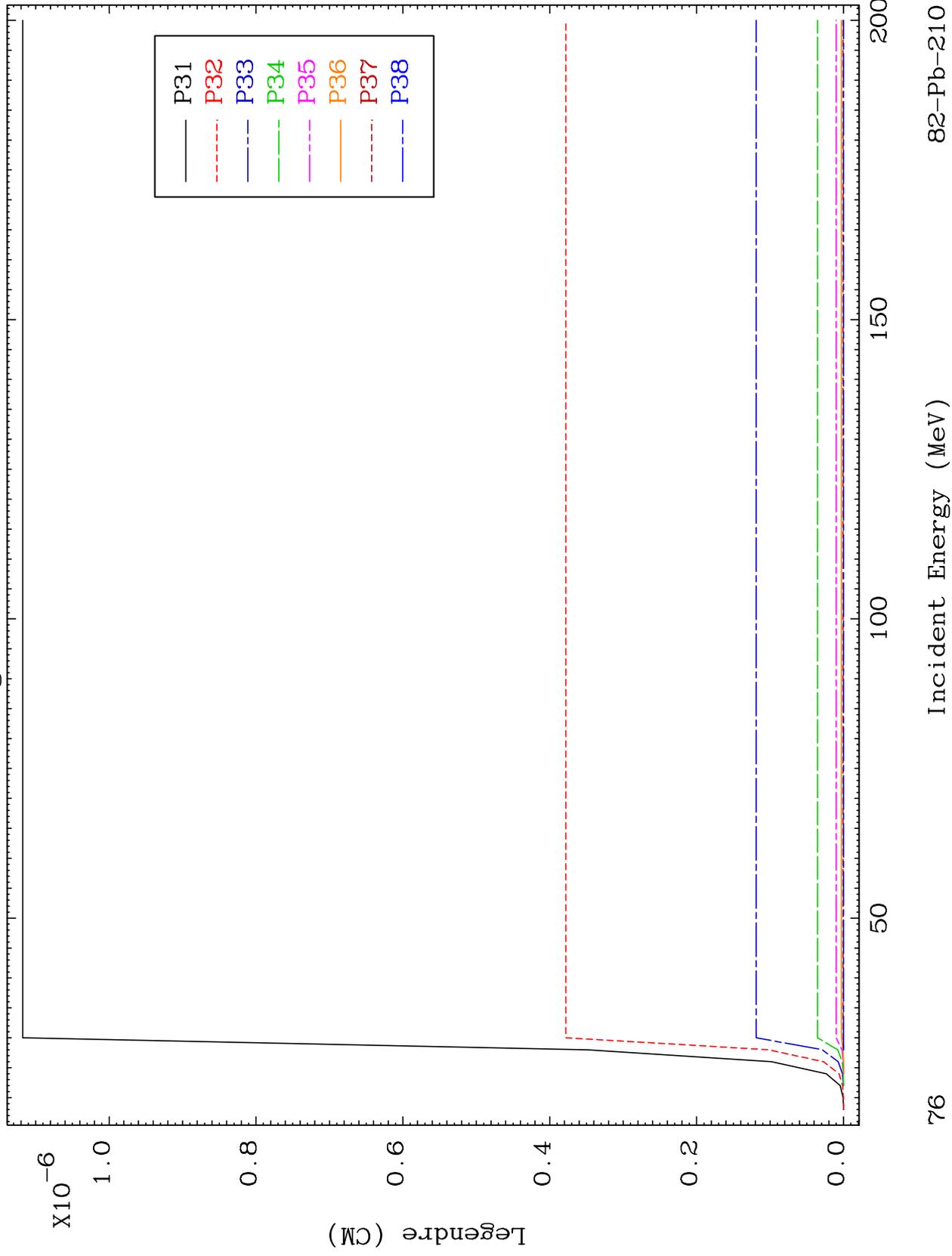
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

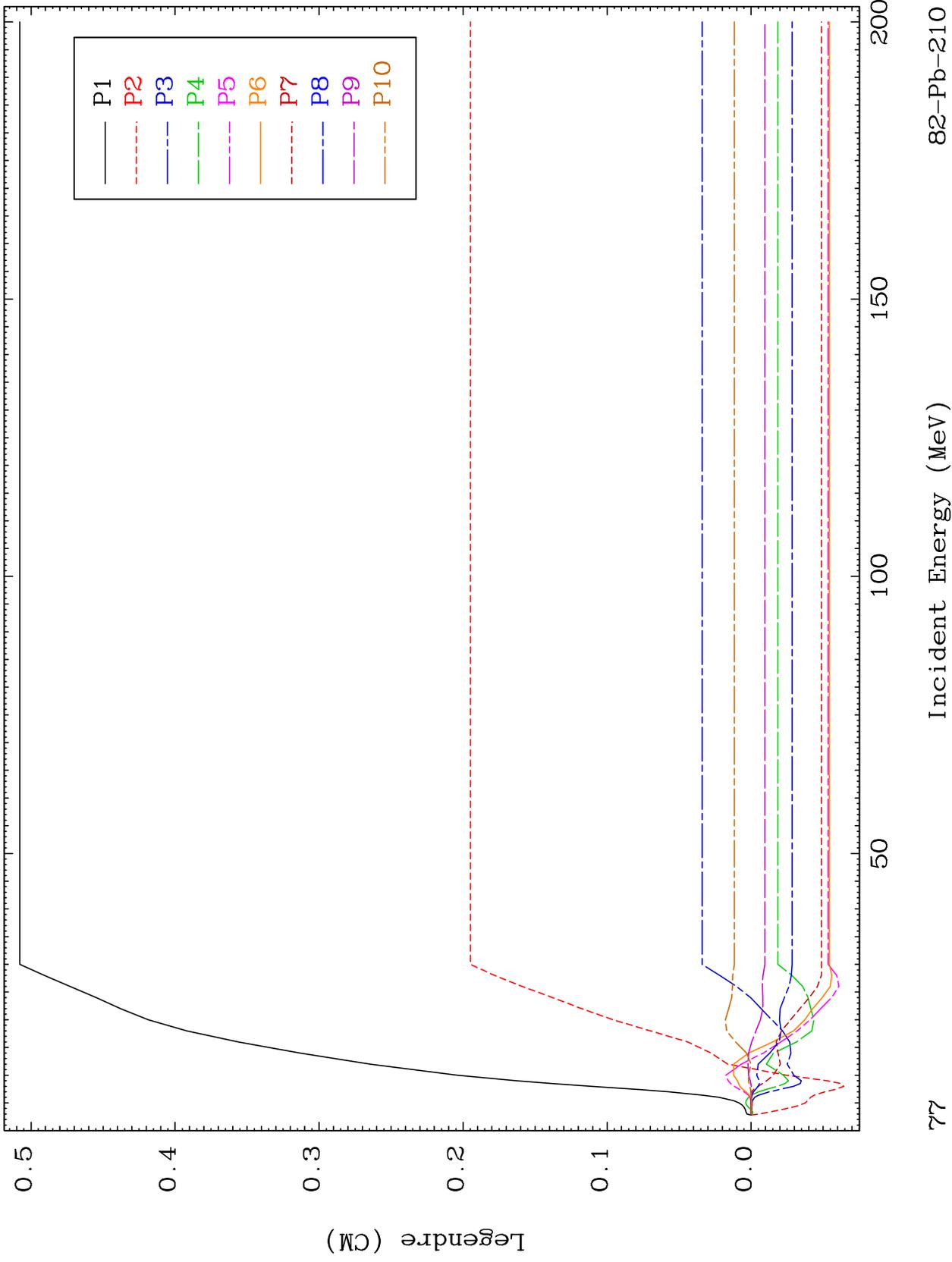
82-Pb-210



MAT 8243

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

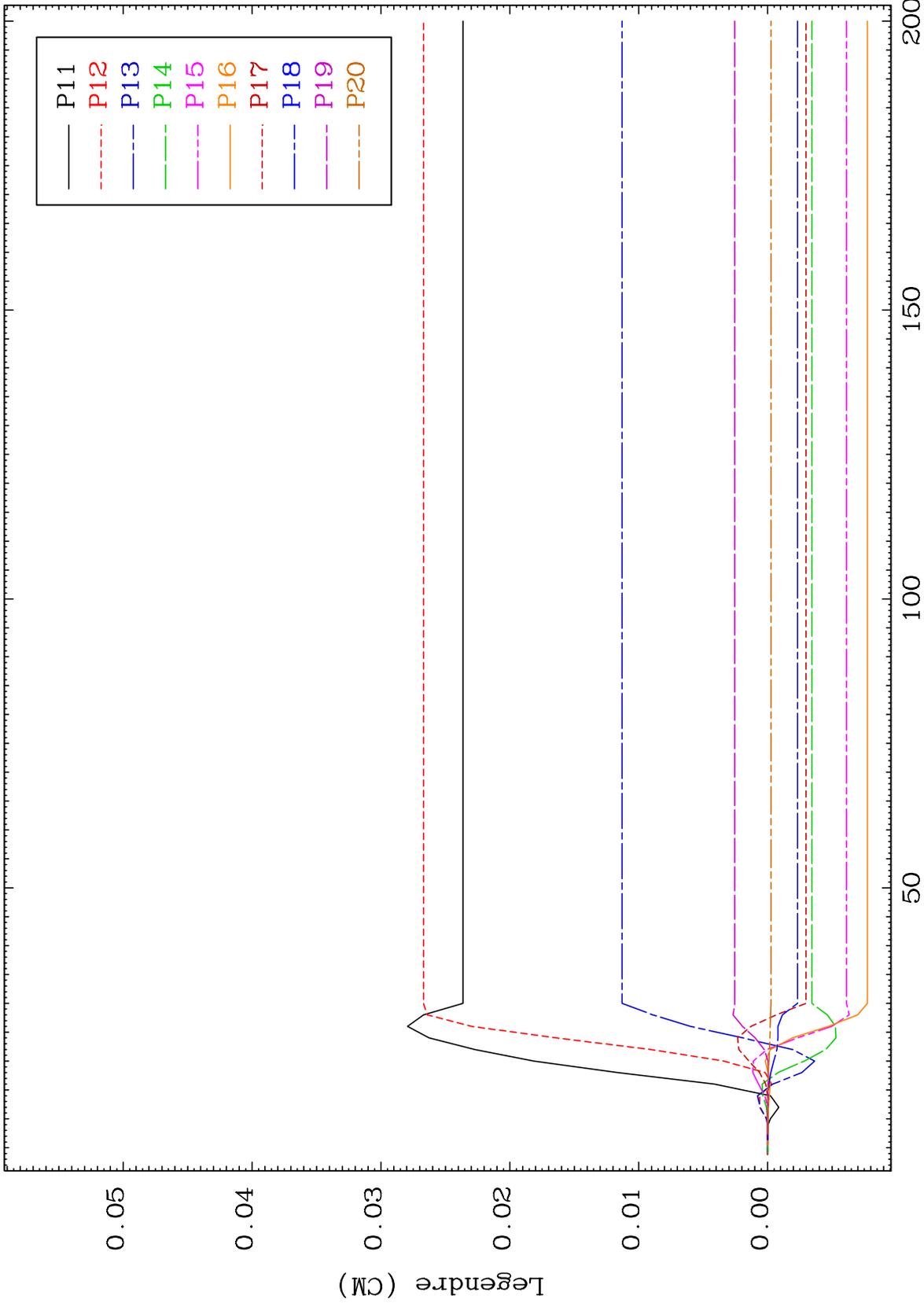
82-Pb-210



MAT 8243

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

82-Pb-210



78

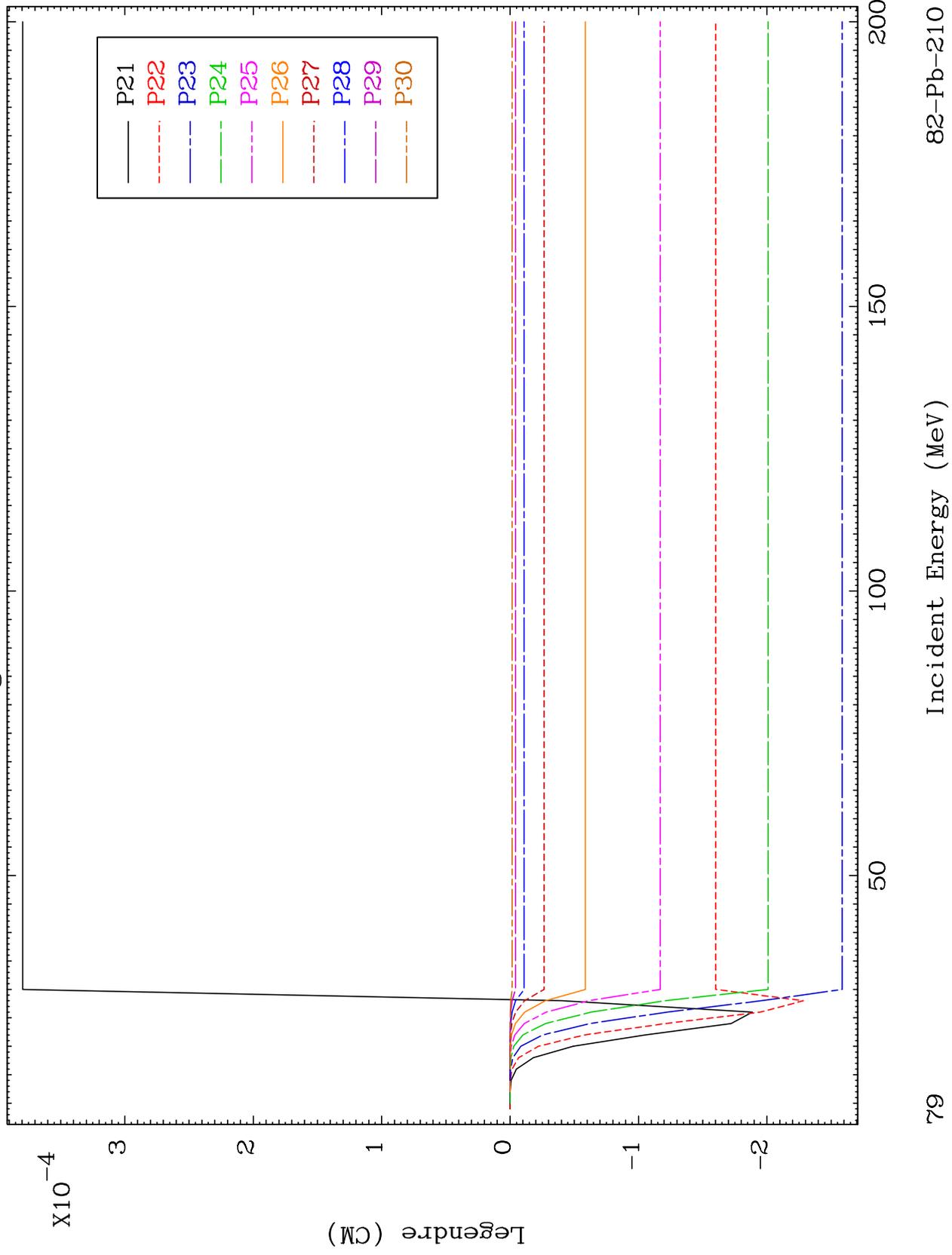
Incident Energy (MeV)

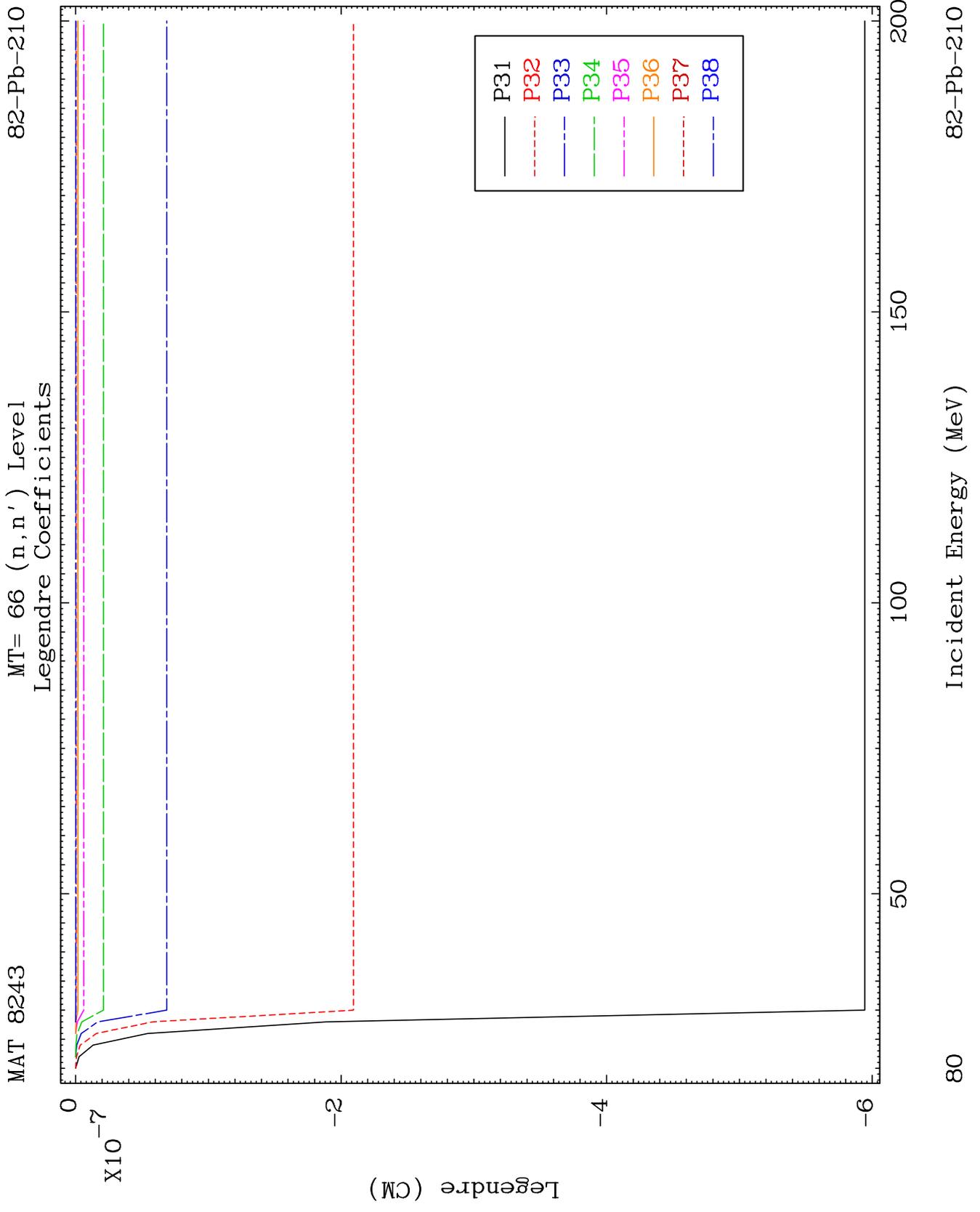
82-Pb-210

MAT 8243

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

82-Pb-210

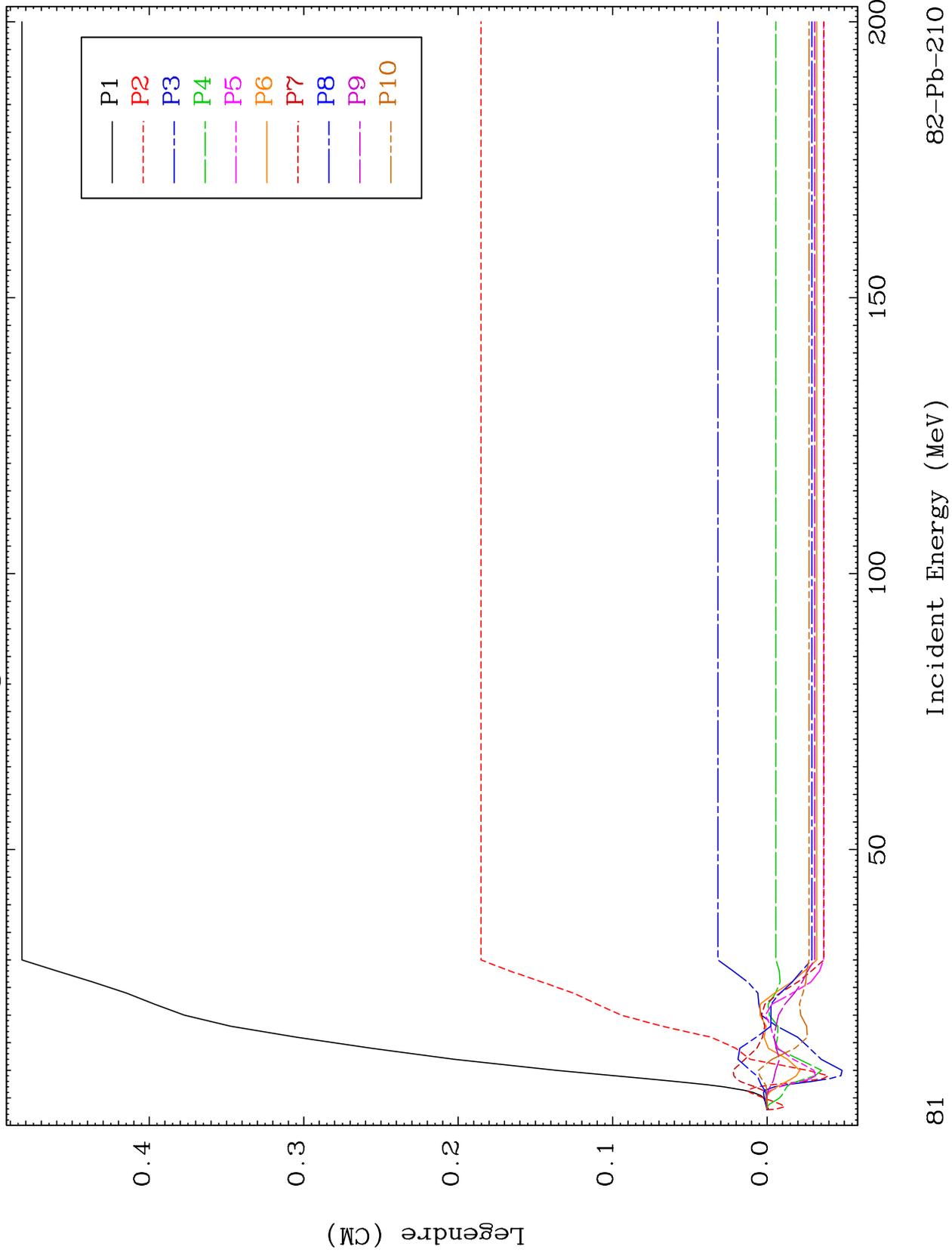




MAT 8243

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

82-Pb-210



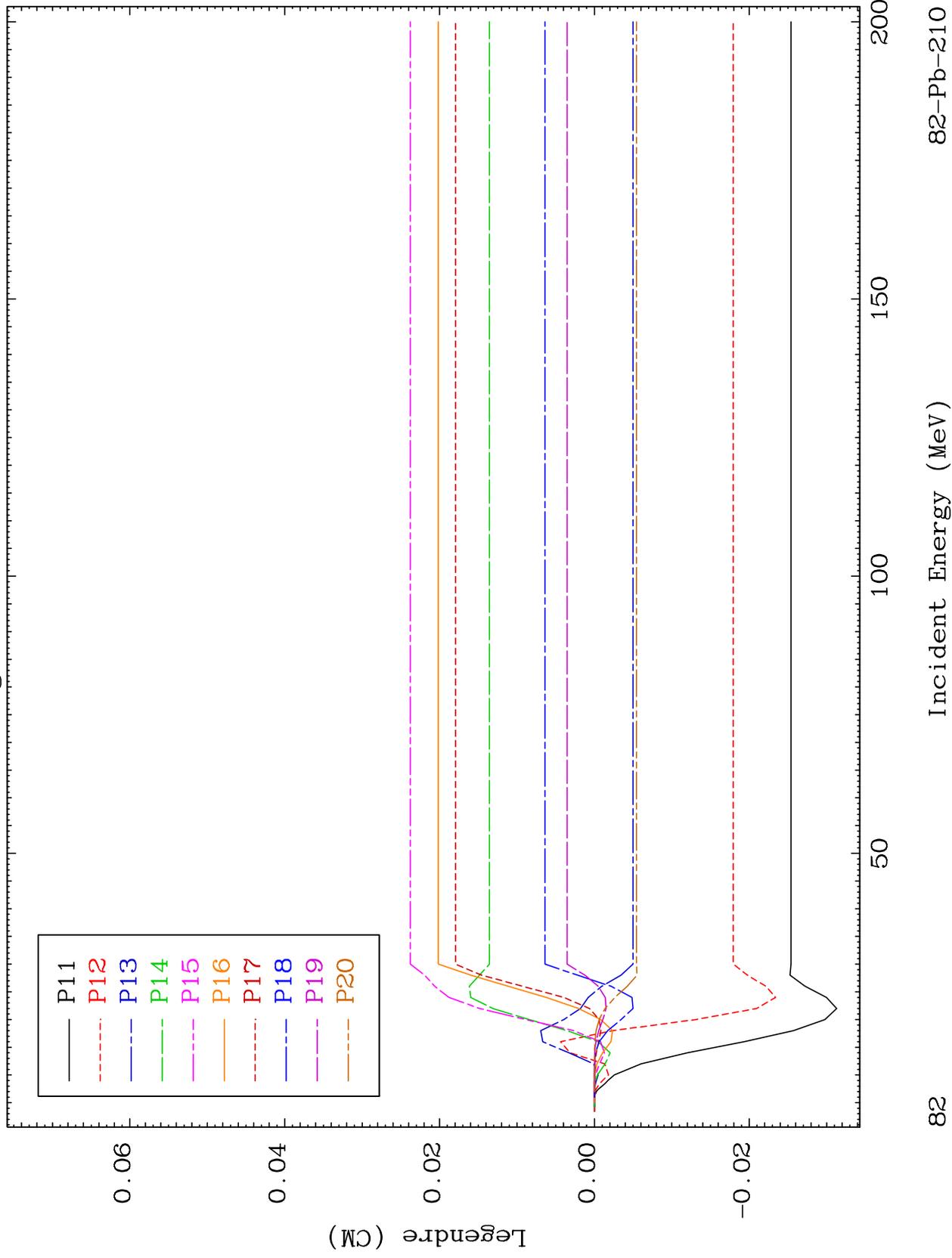
81

82-Pb-210

MAT 8243

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

82-Pb-210



82

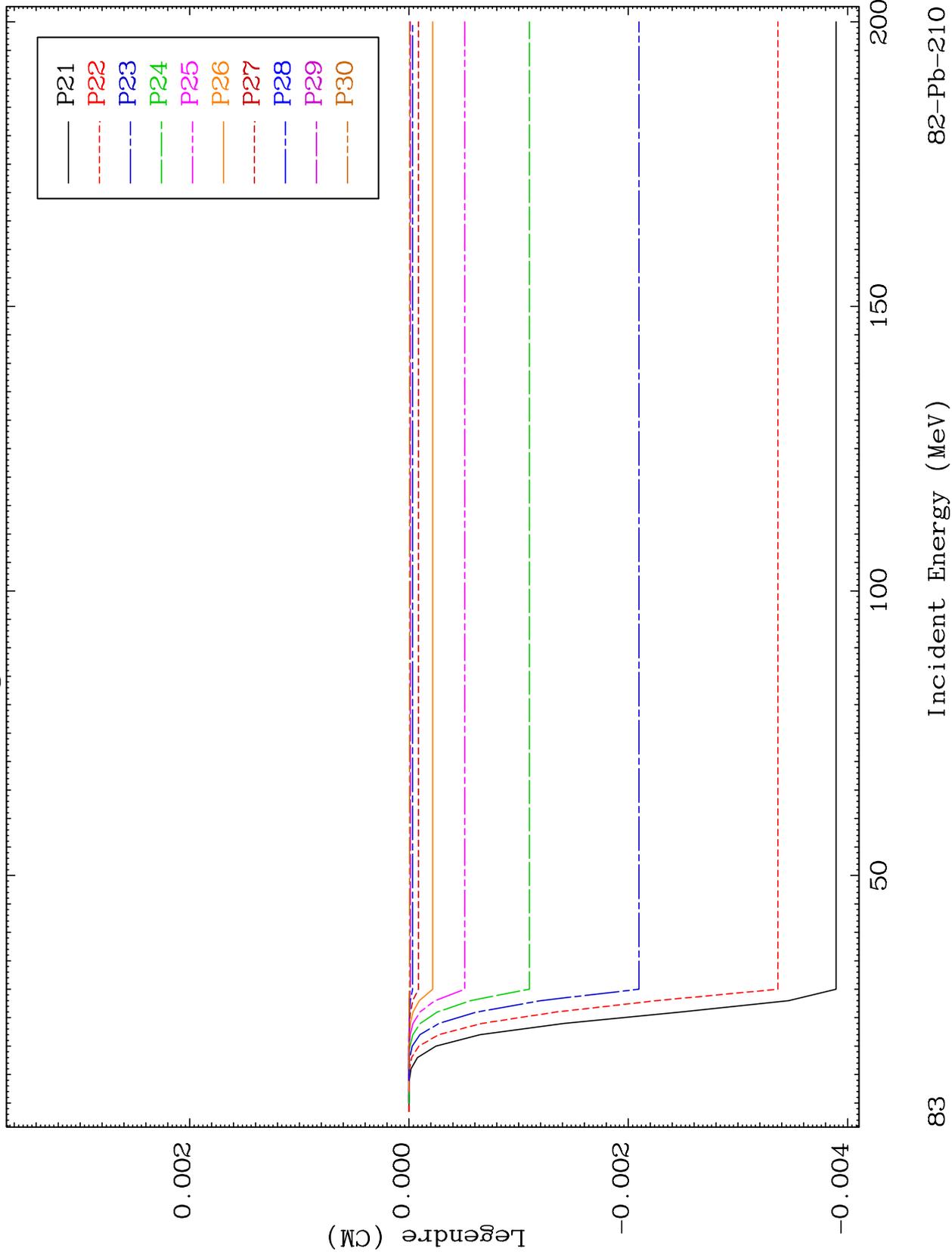
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

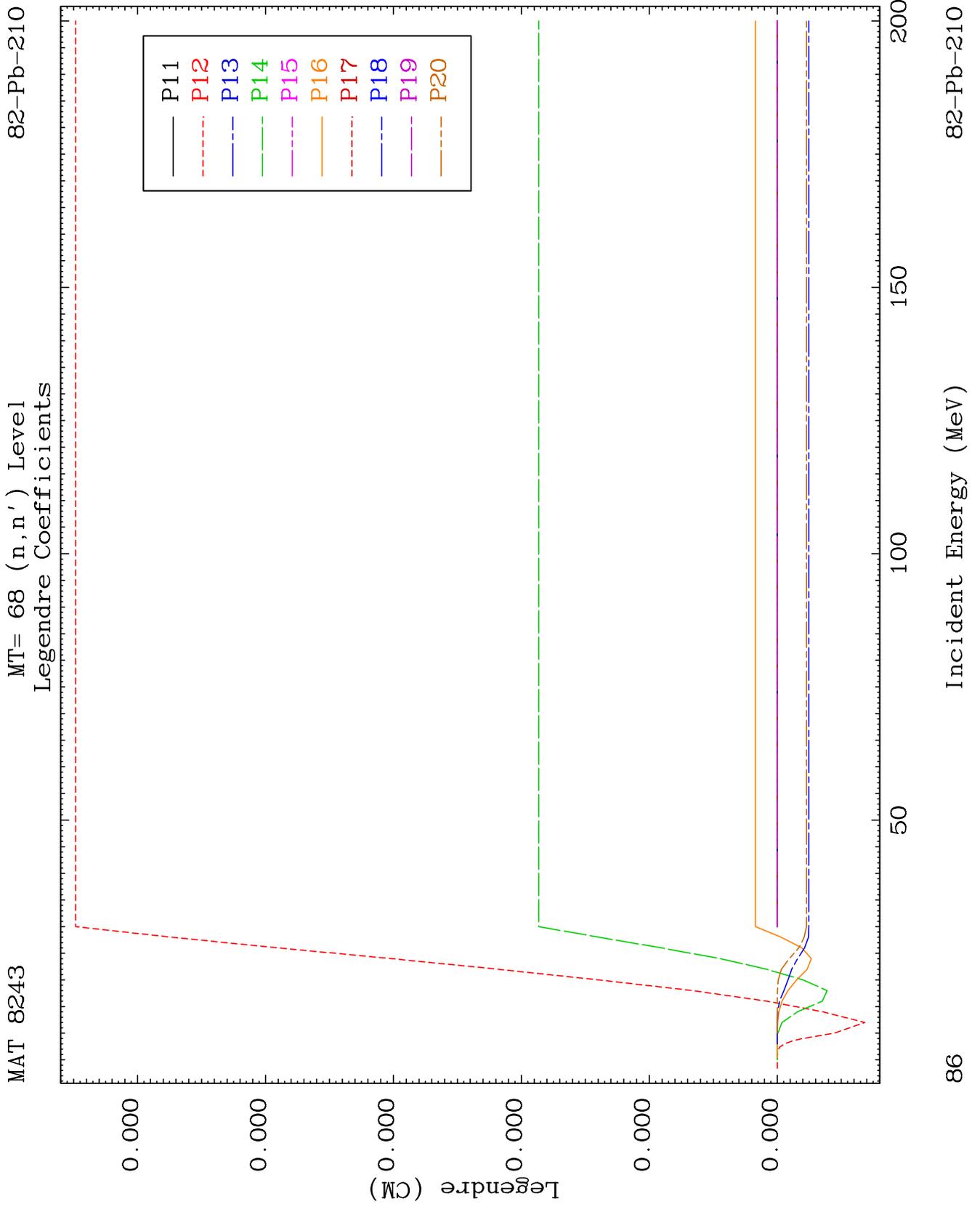
82-Pb-210



83

Incident Energy (MeV)

82-Pb-210

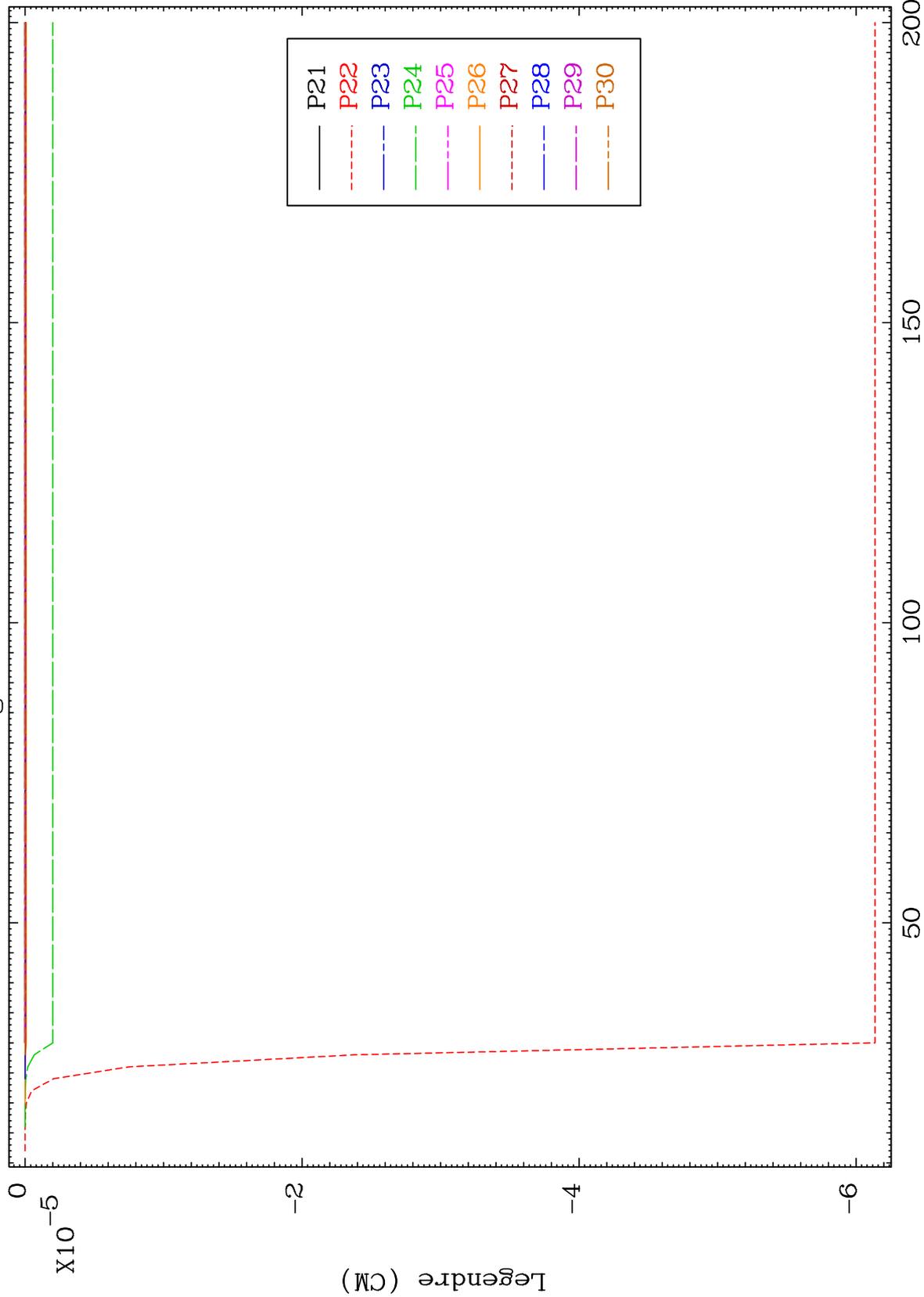


MAT 8243

MT= 68 (n,n') Level

82-Pb-210

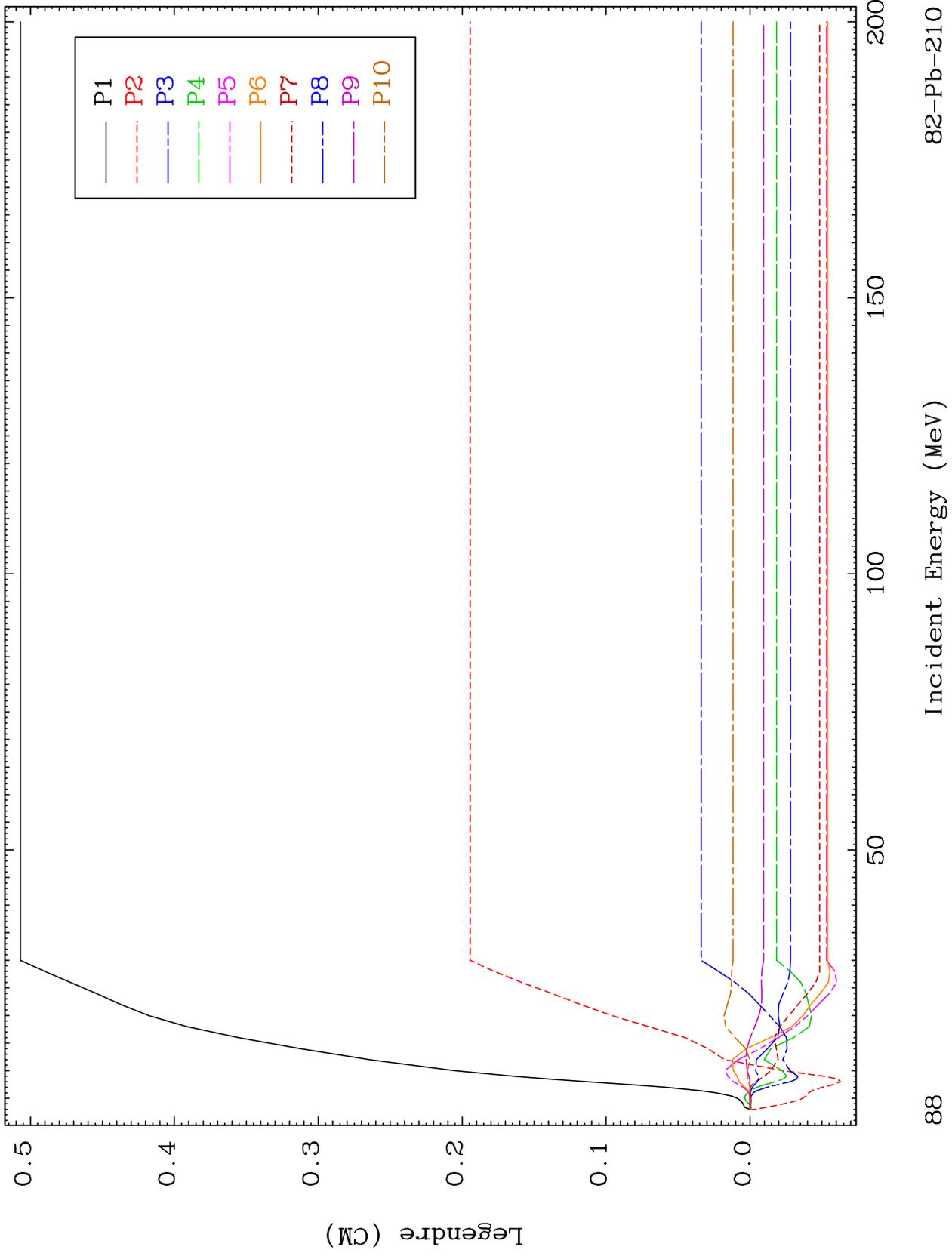
Legendre Coefficients



MAT 8243

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

82-Pb-210

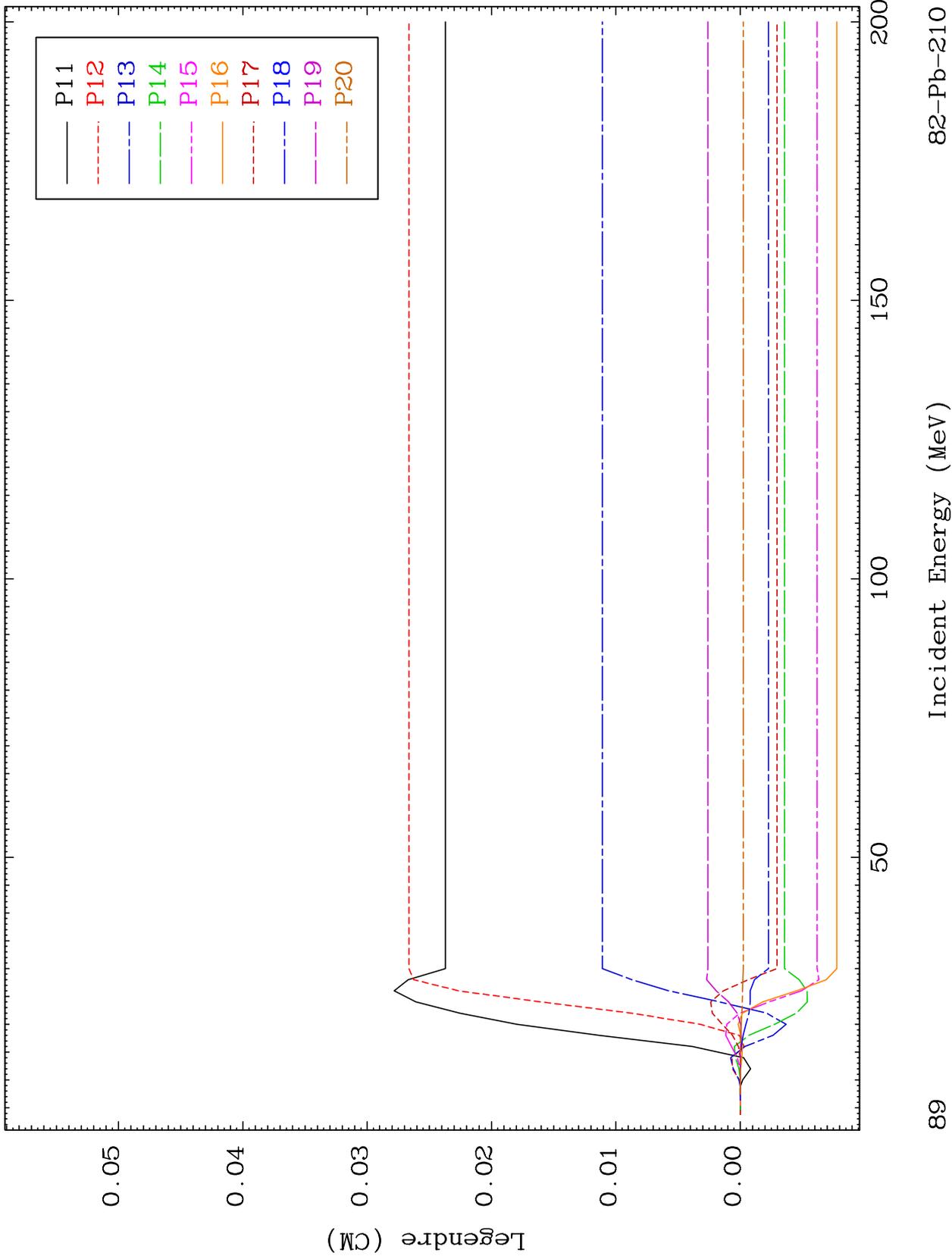


88

MAT 8243

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

82-Pb-210



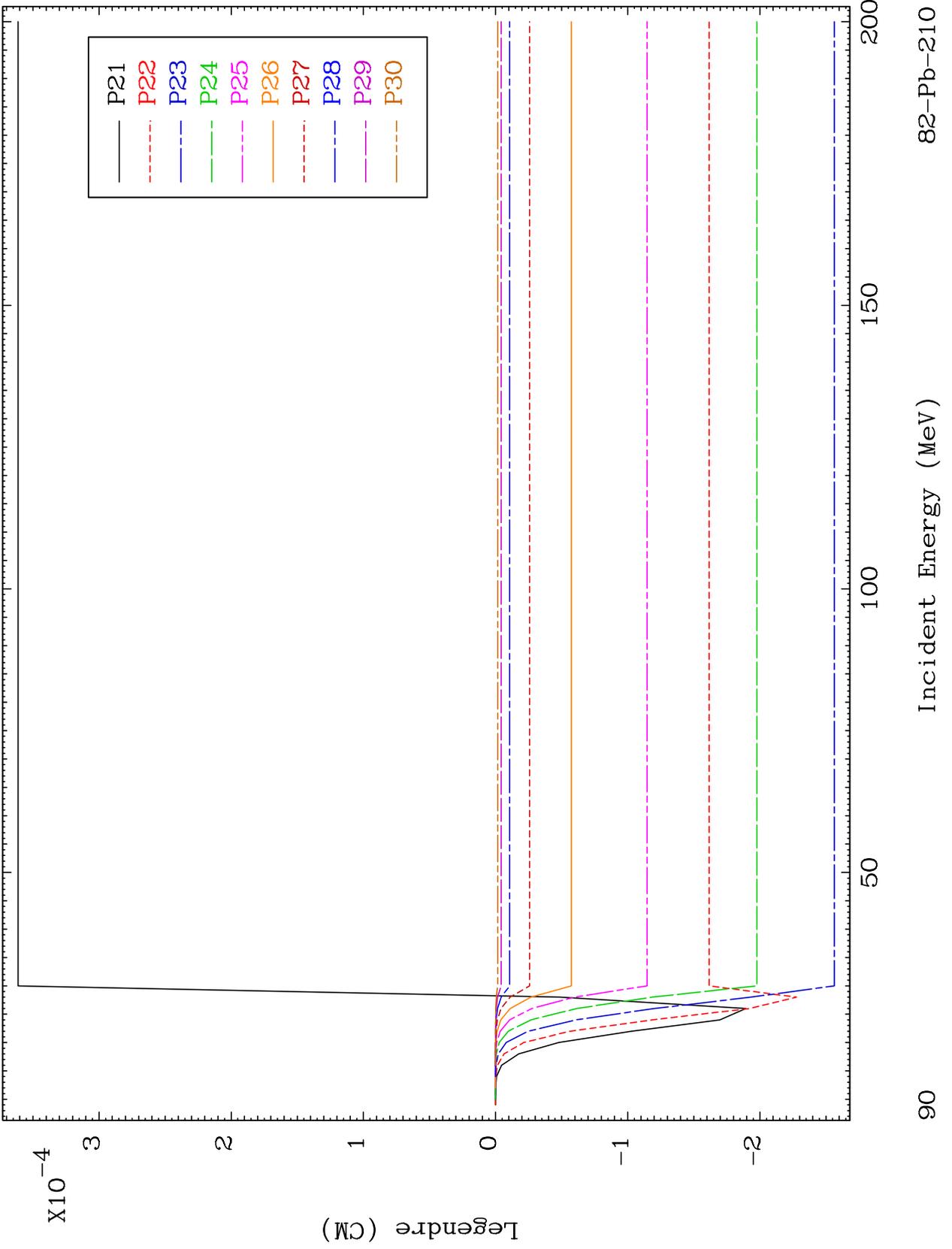
89

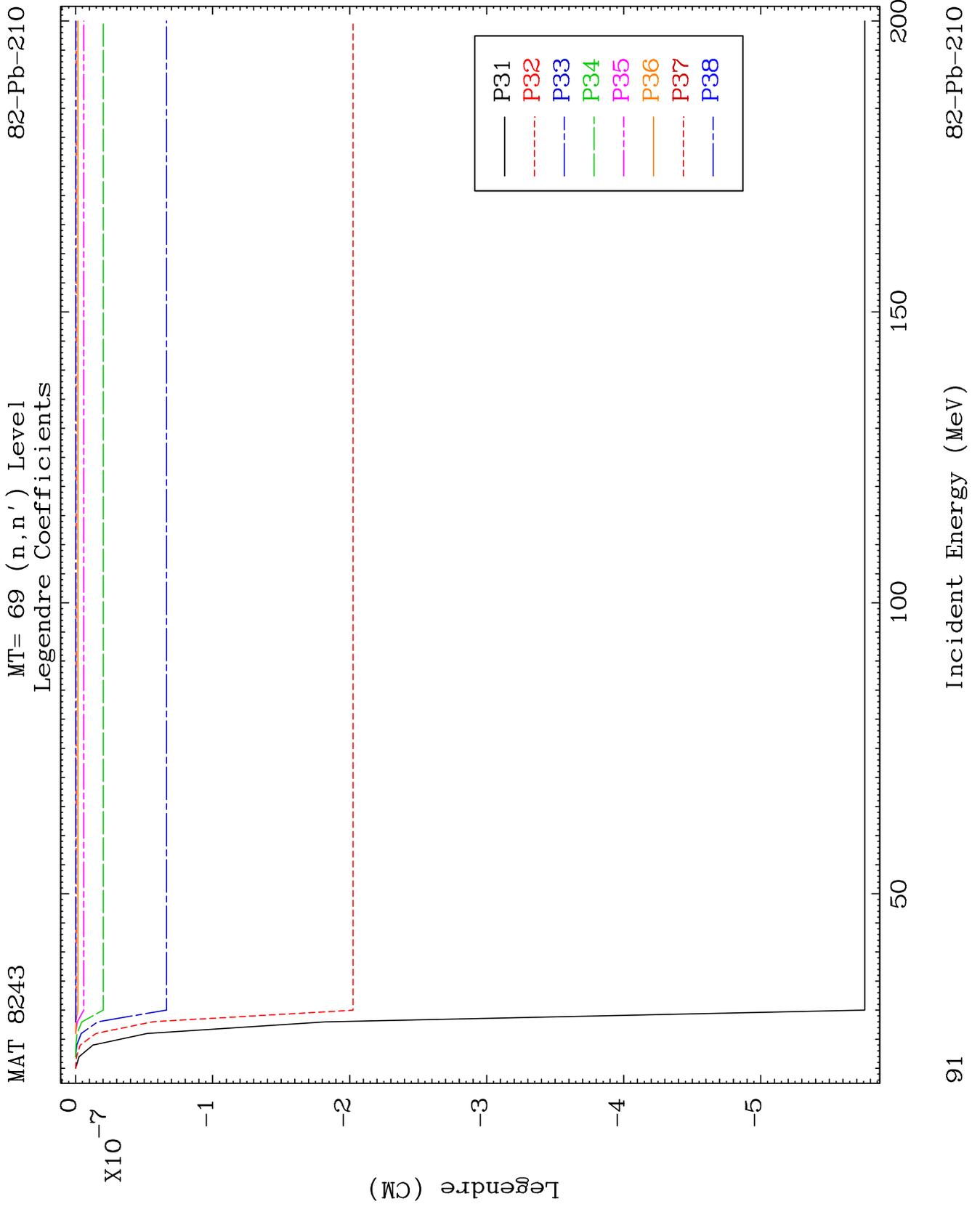
82-Pb-210

MAT 8243

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

82-Pb-210

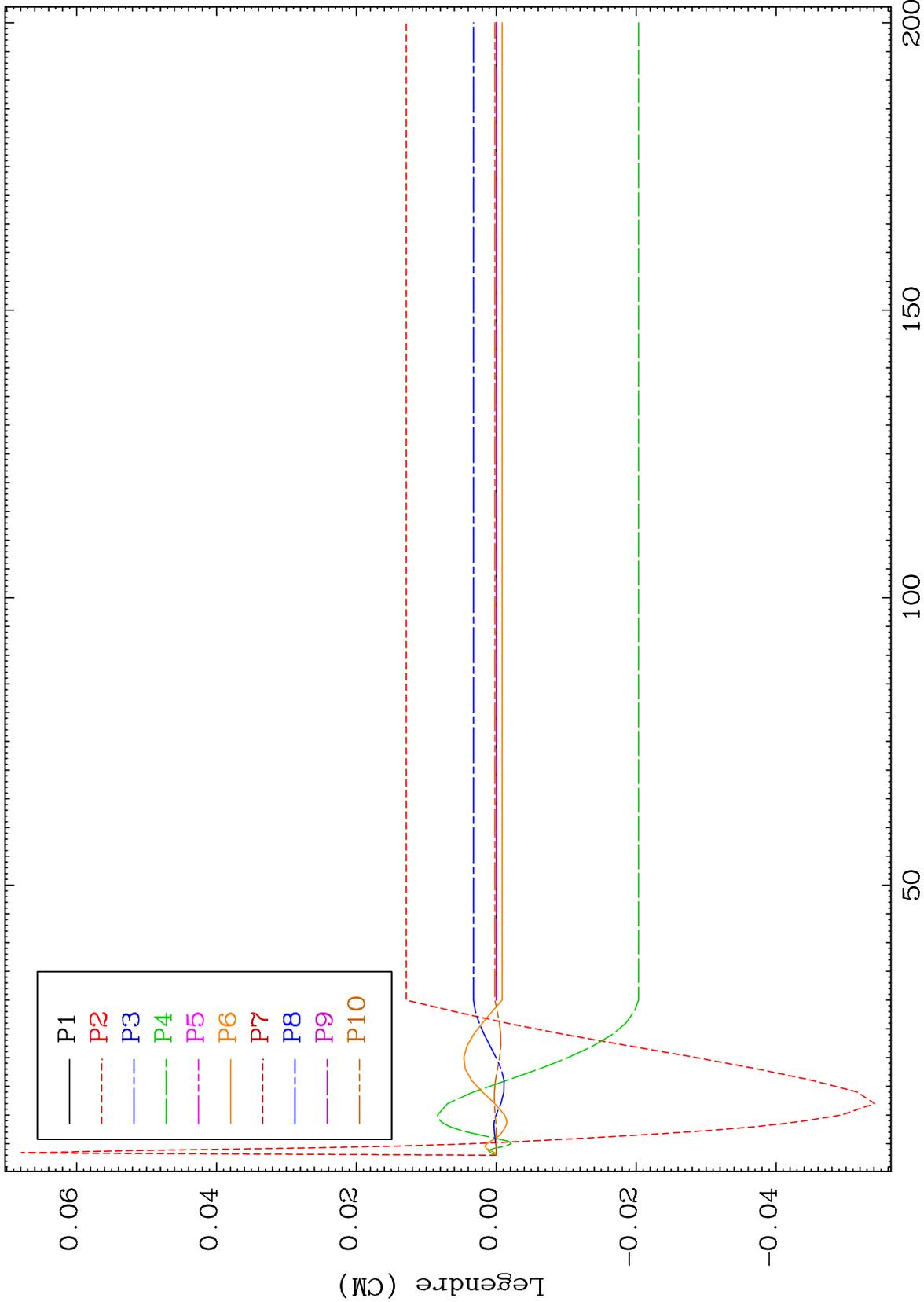




MAT 8243

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

82-Pb-210



92

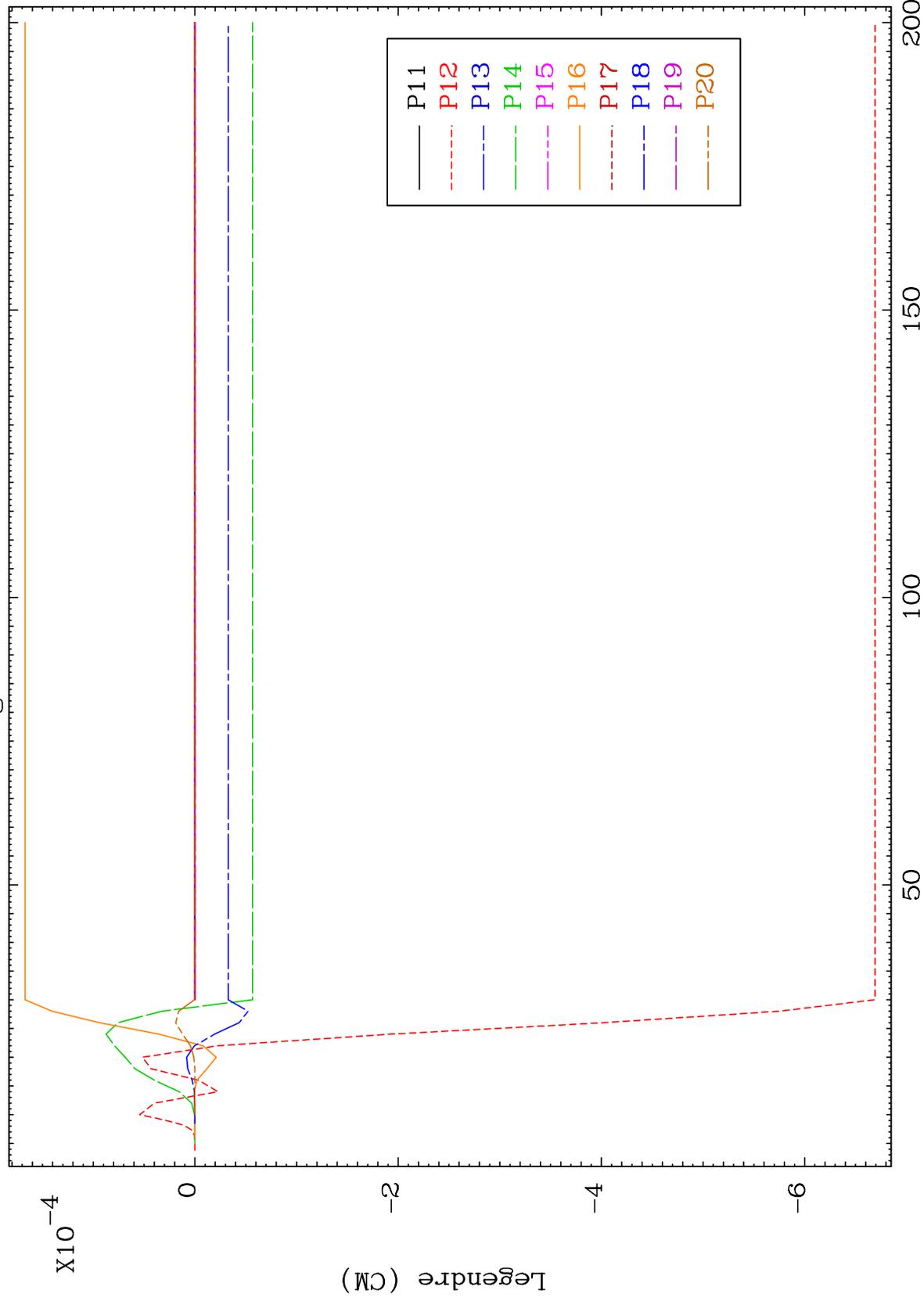
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

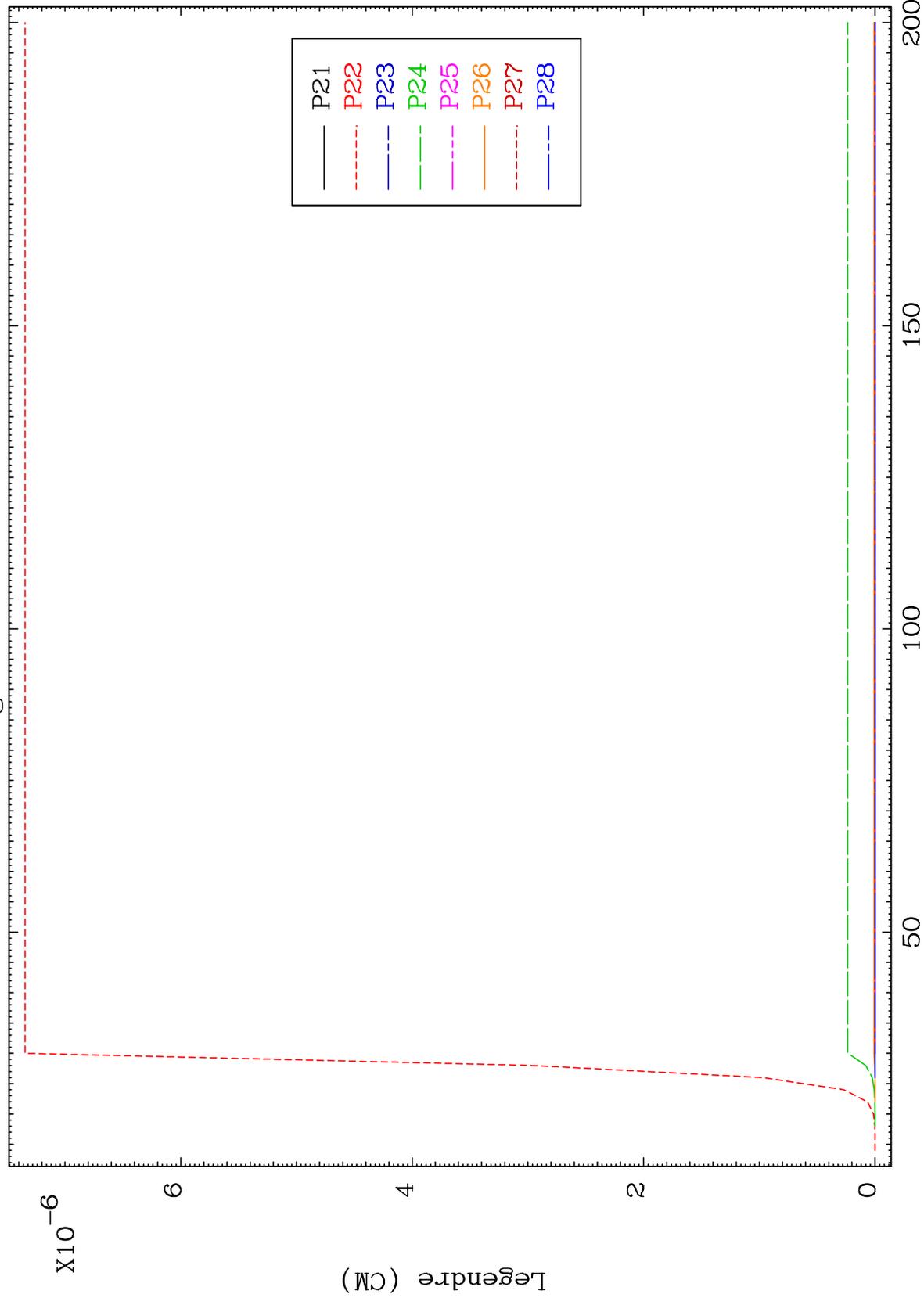
82-Pb-210



MAT 8243

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

82-Pb-210



94

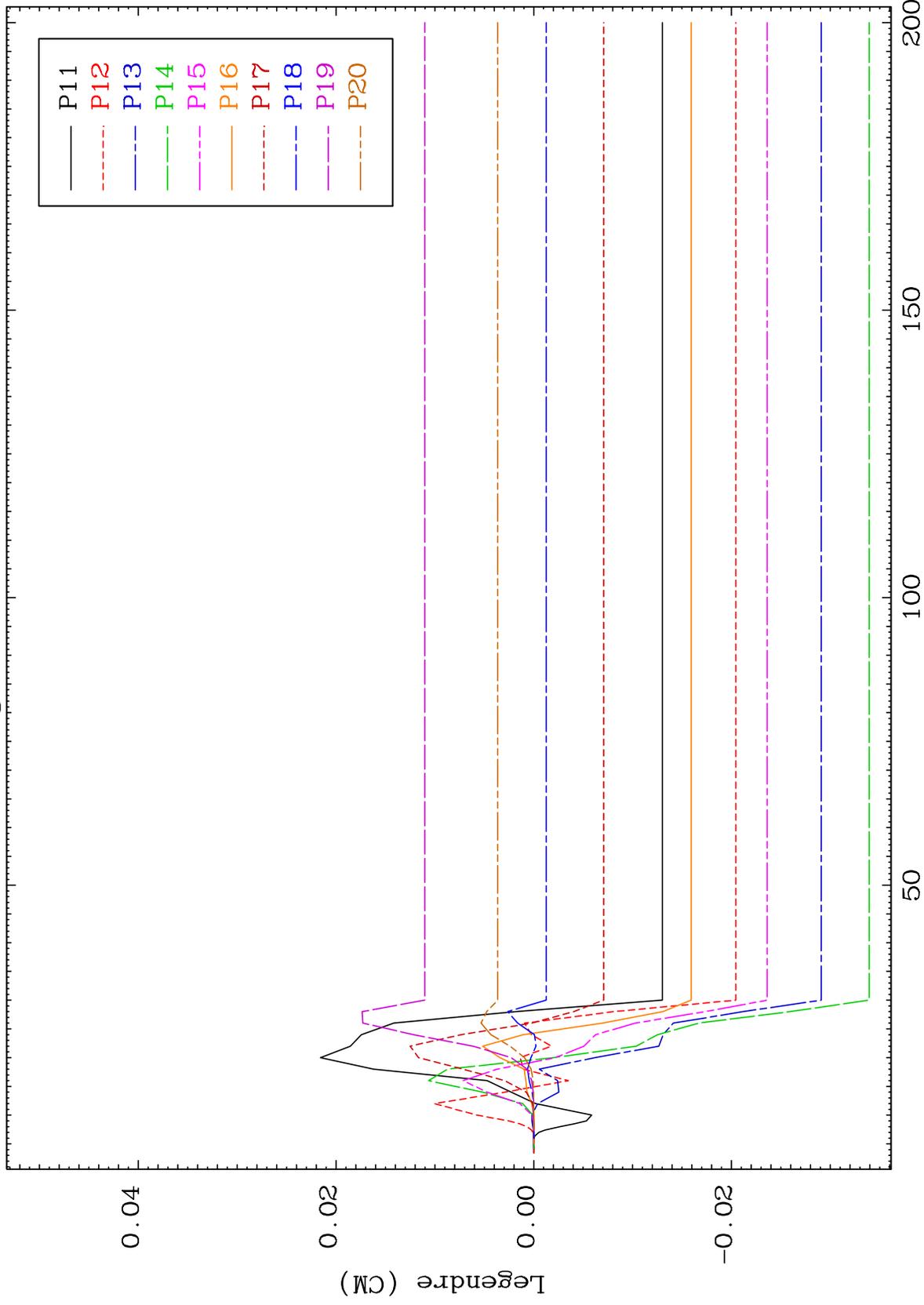
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

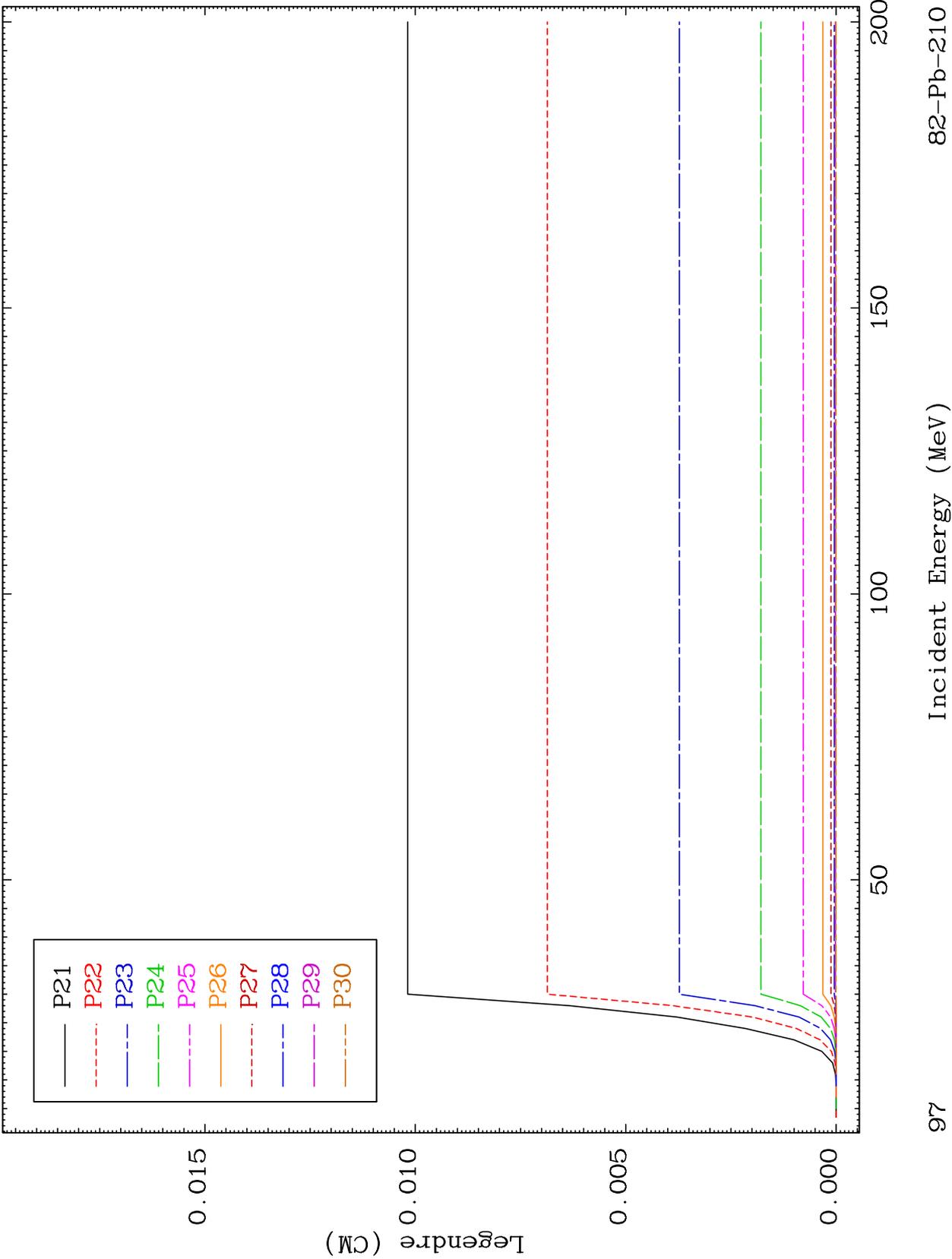
82-Pb-210



MAT 8243

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

82-Pb-210



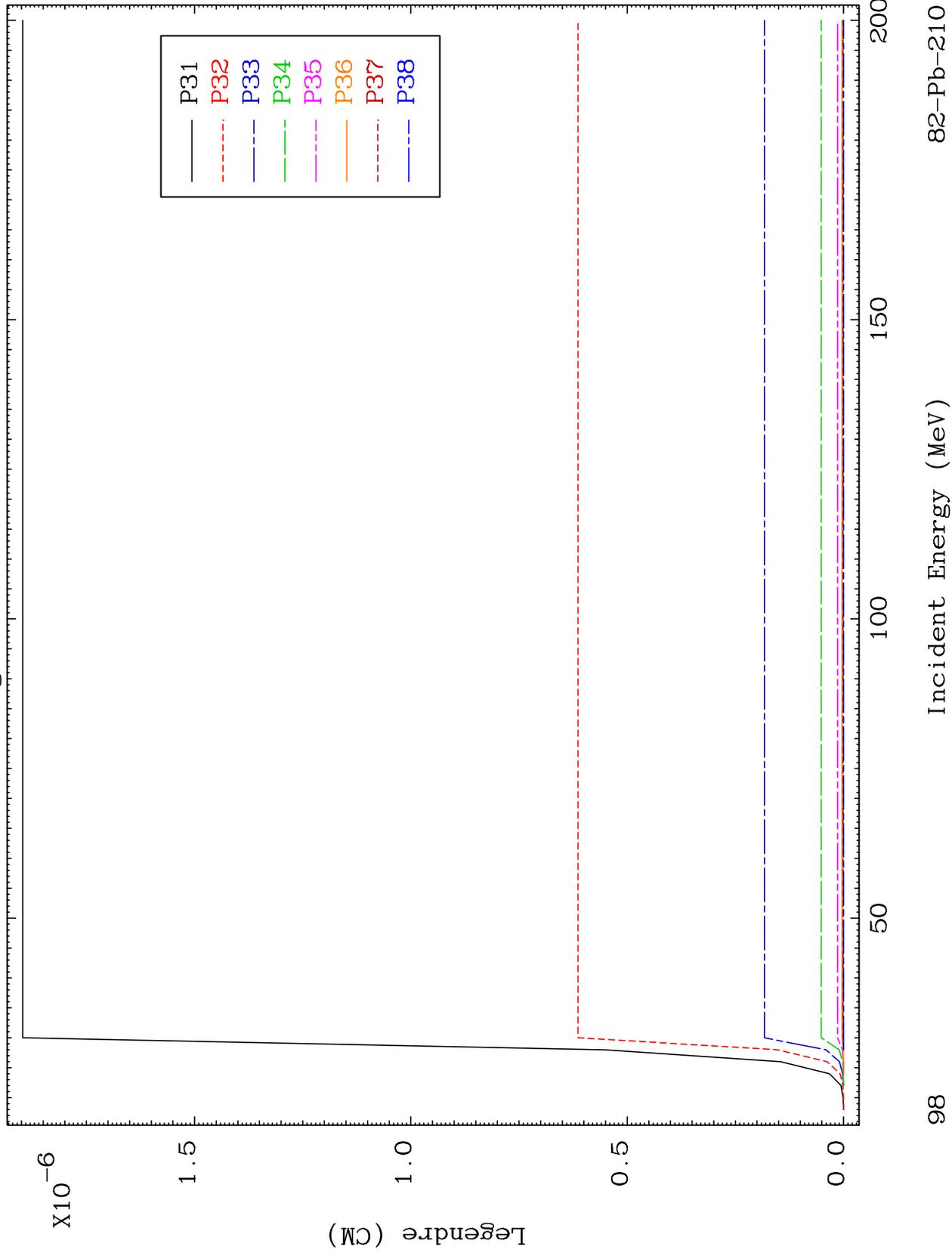
97

82-Pb-210

MAT 8243

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

82-Pb-210

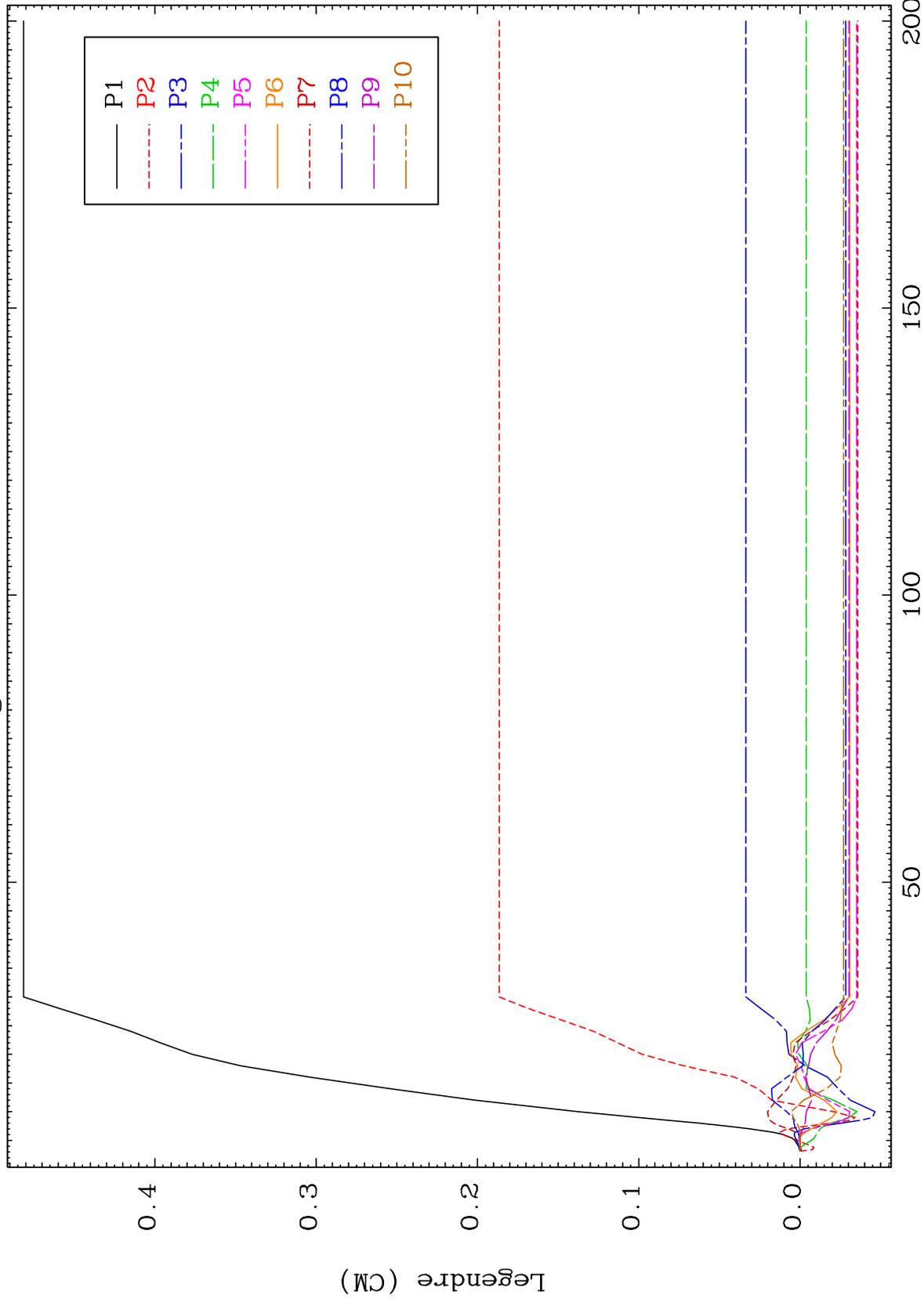


98

MAT 8243

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

82-Pb-210



99

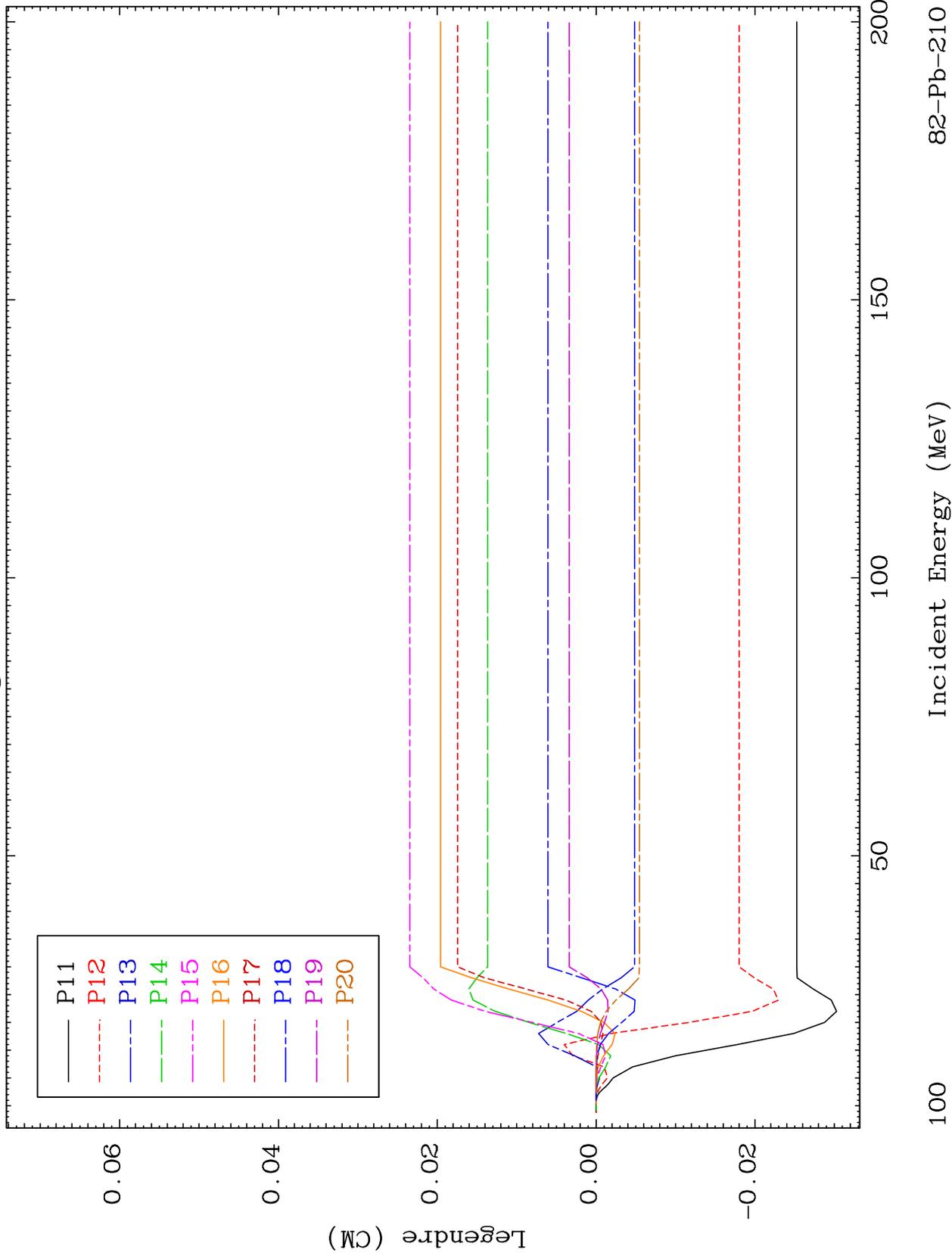
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

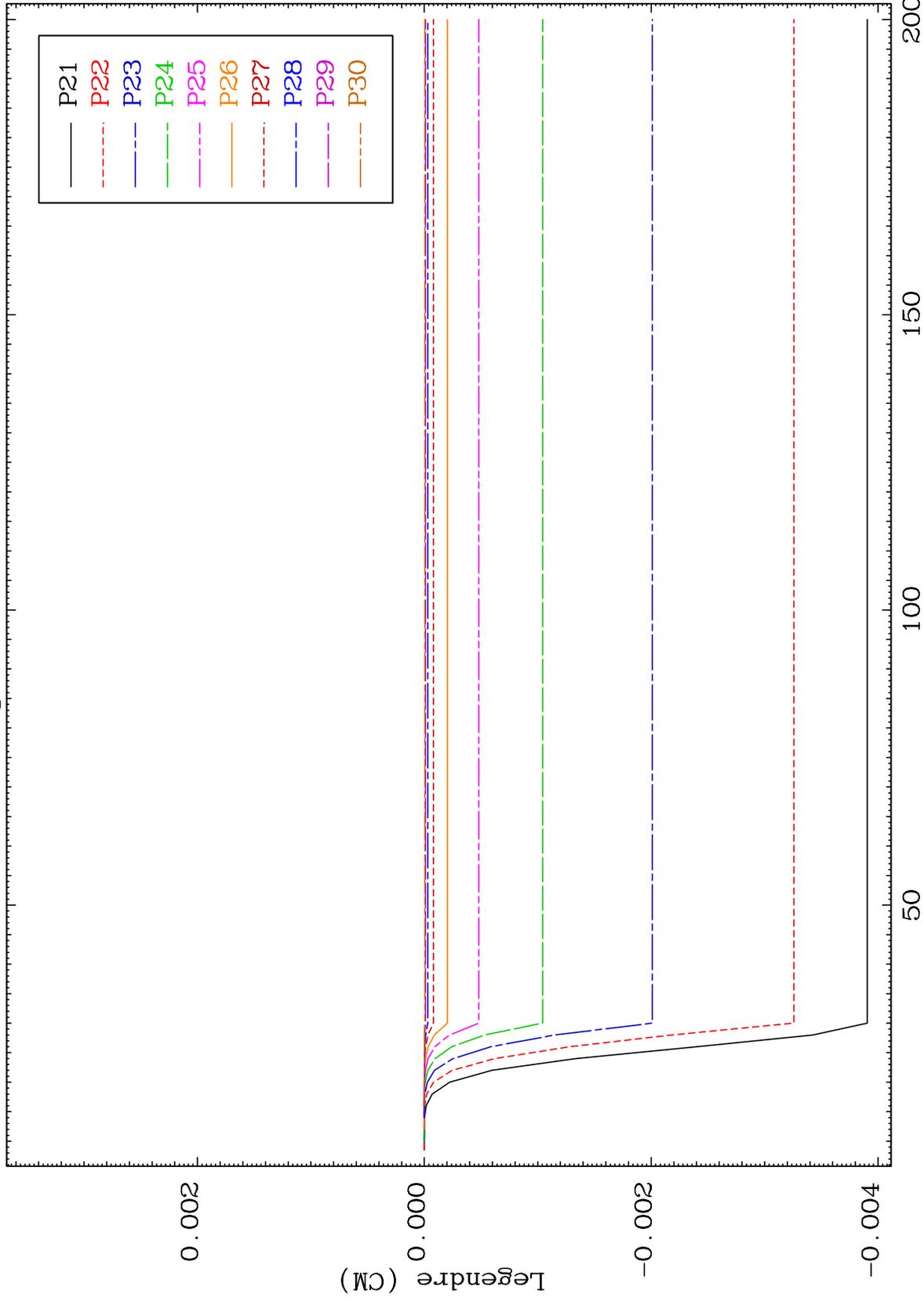
82-Pb-210



MAT 8243

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

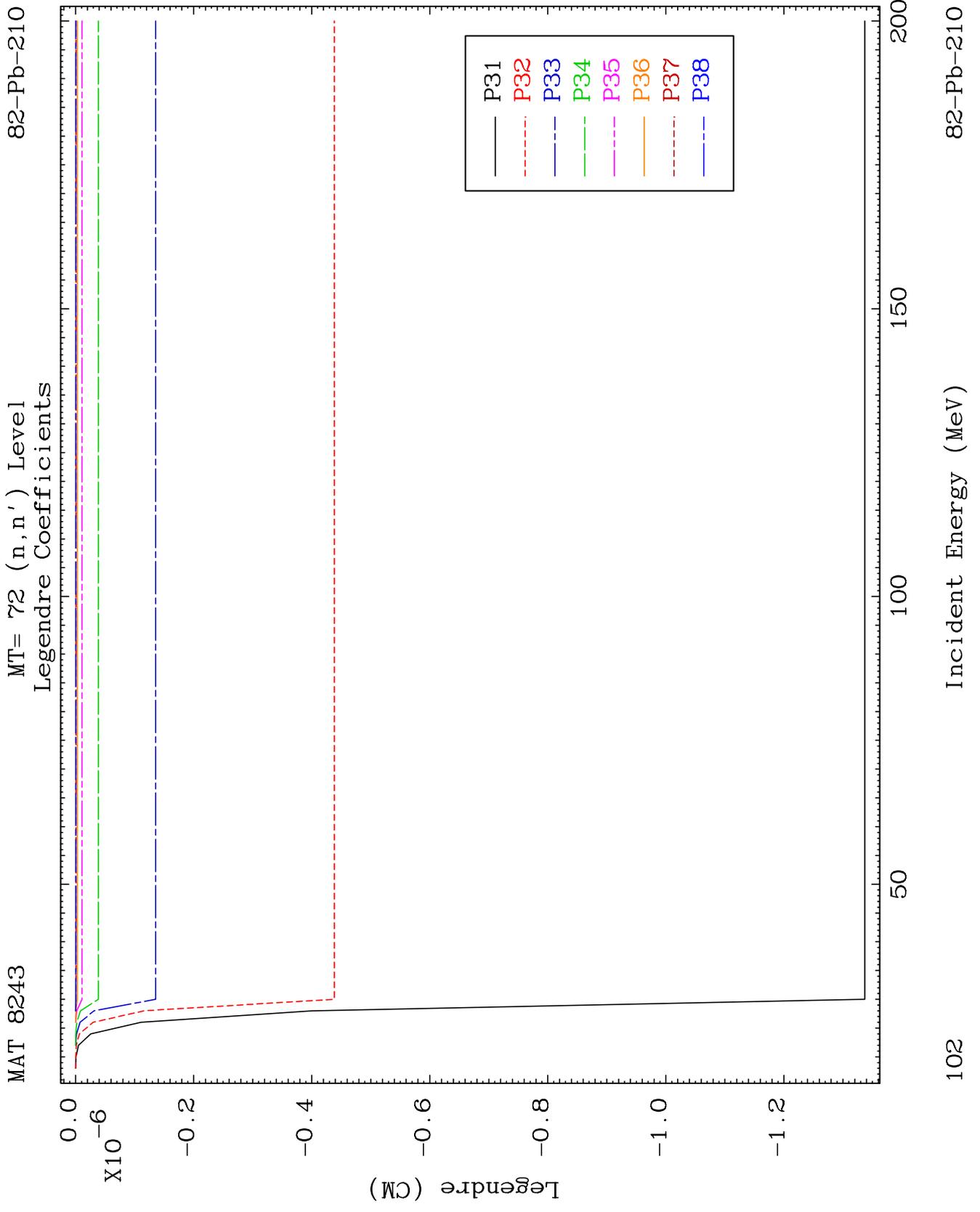
82-Pb-210



101

Incident Energy (MeV)

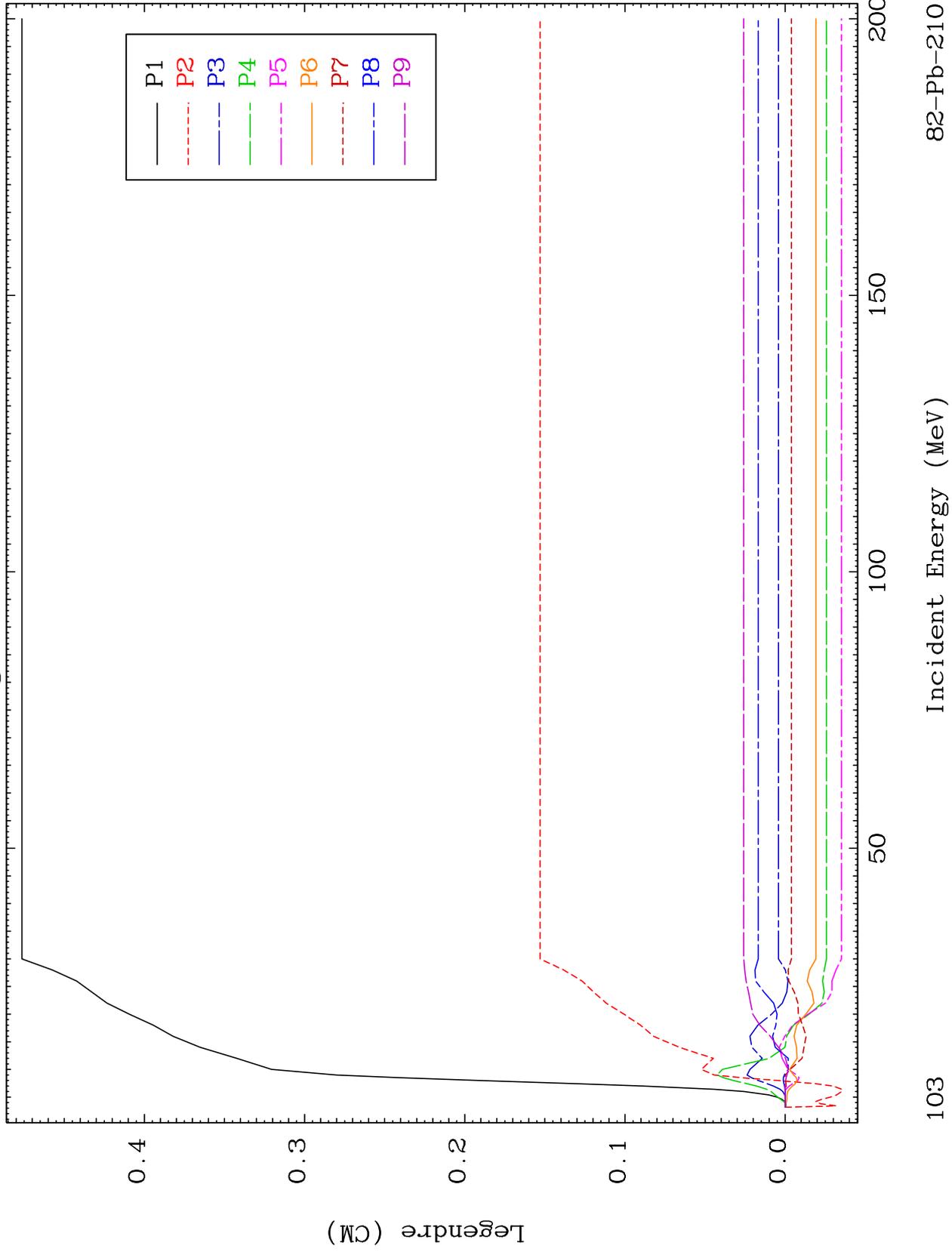
82-Pb-210



MAT 8243

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

82-Pb-210



103

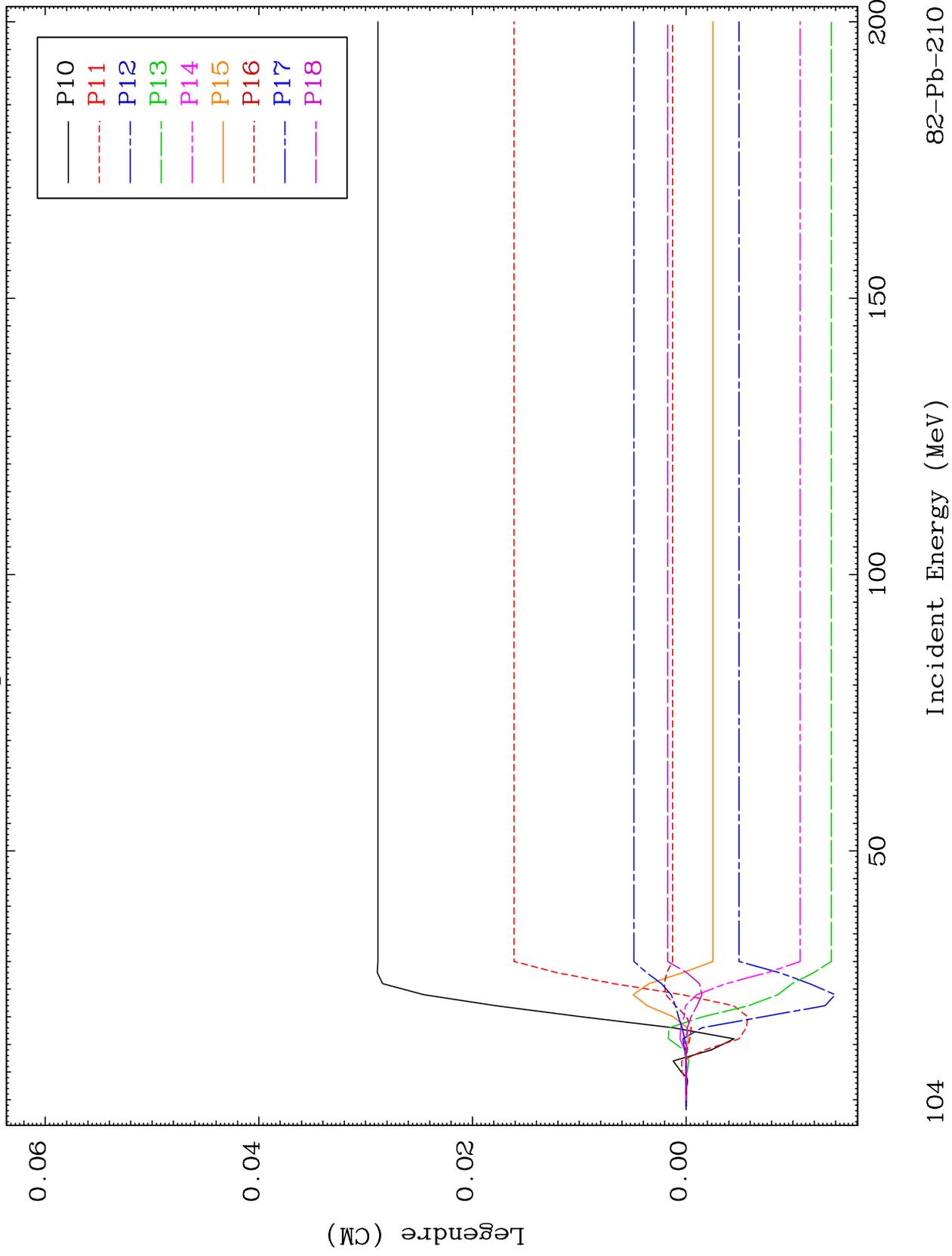
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



104

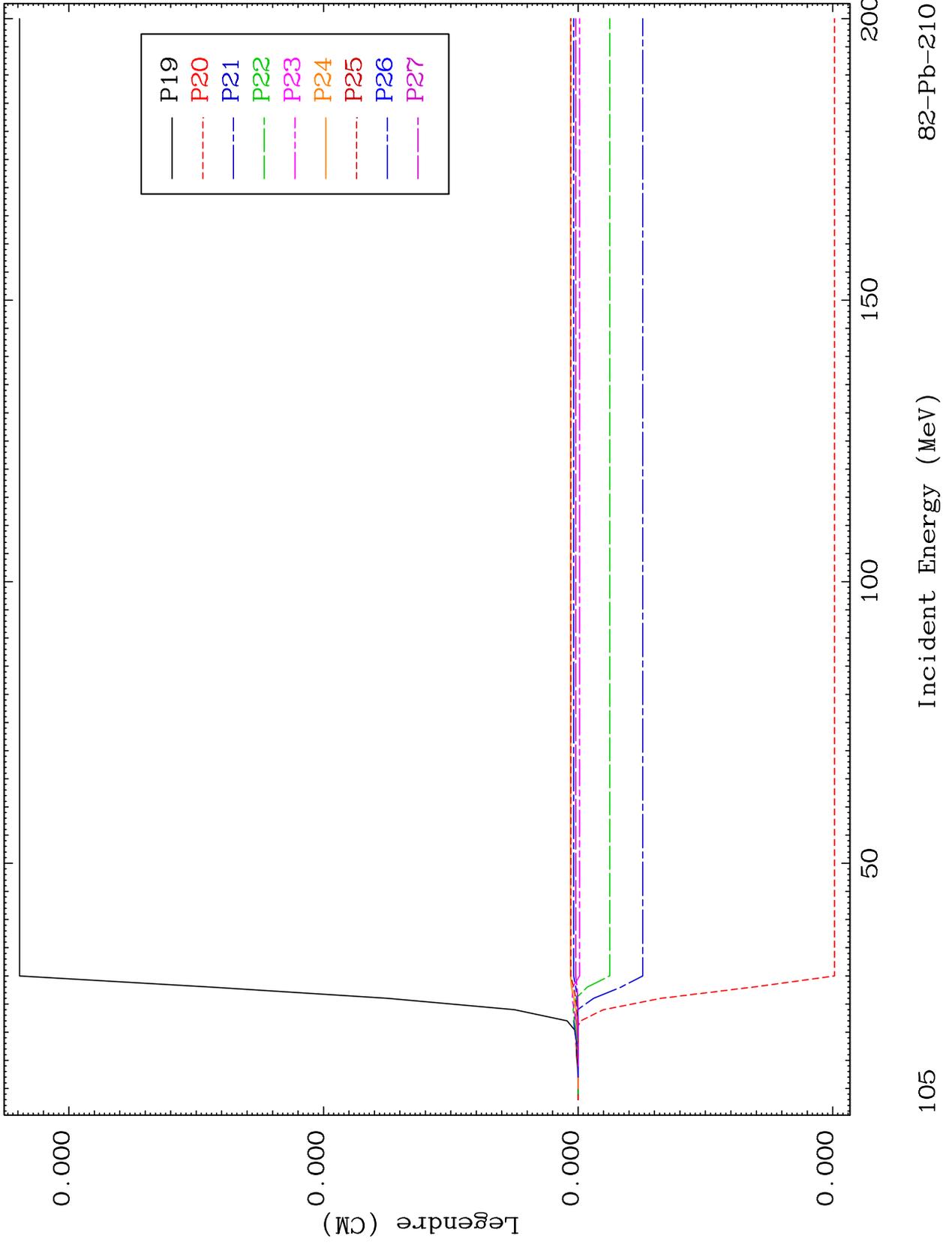
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



105

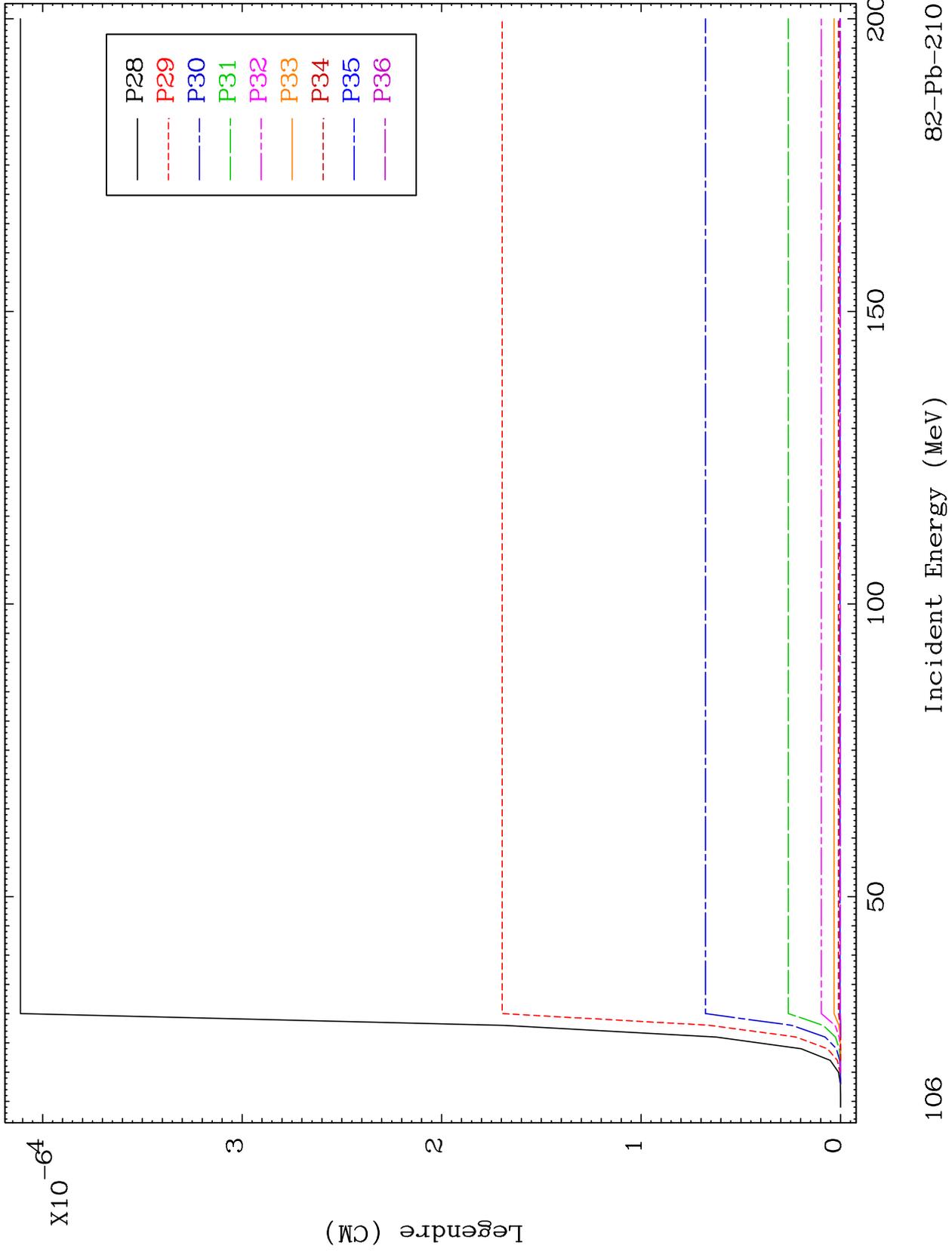
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

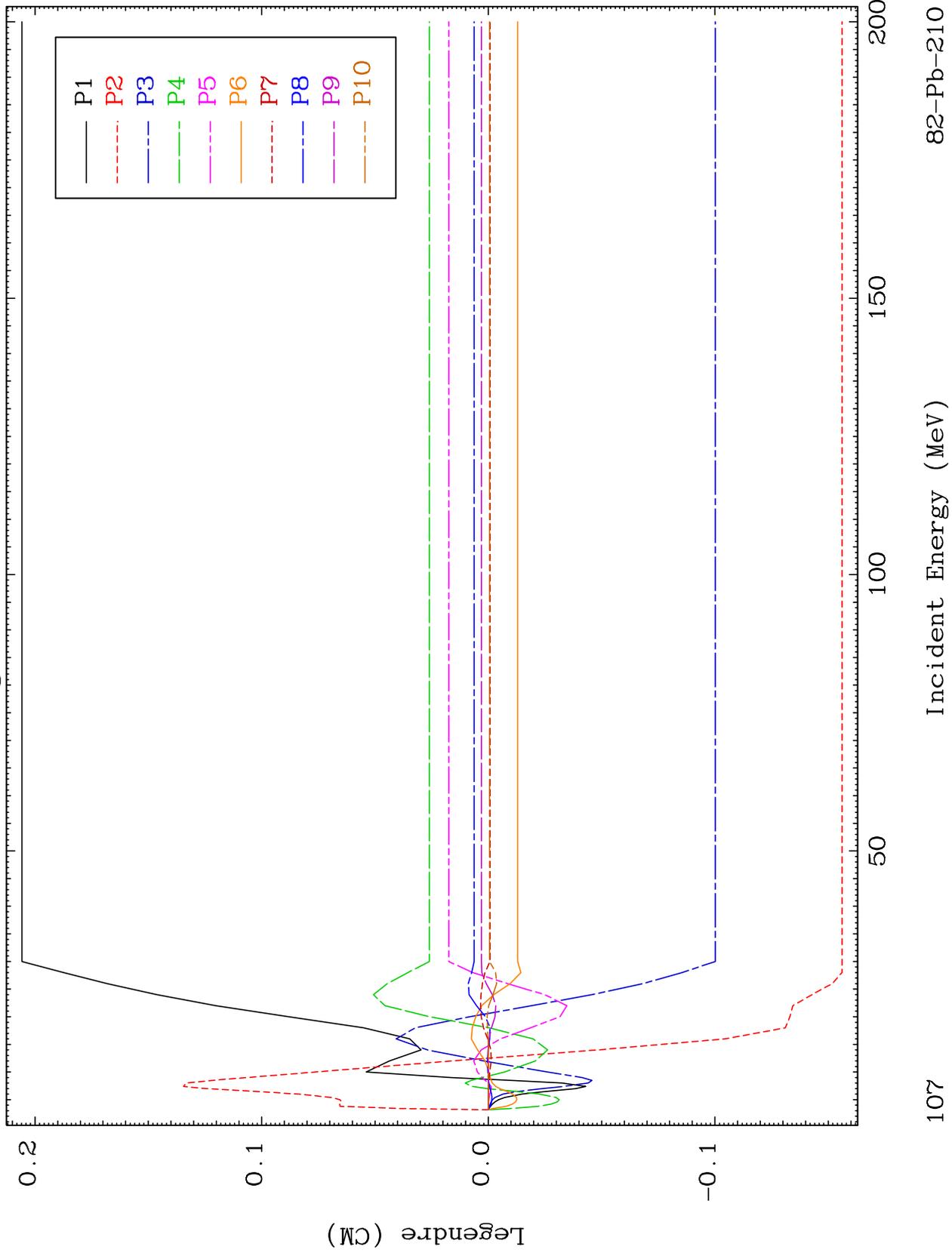
82-Pb-210



MAT 8243

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

82-Pb-210



107

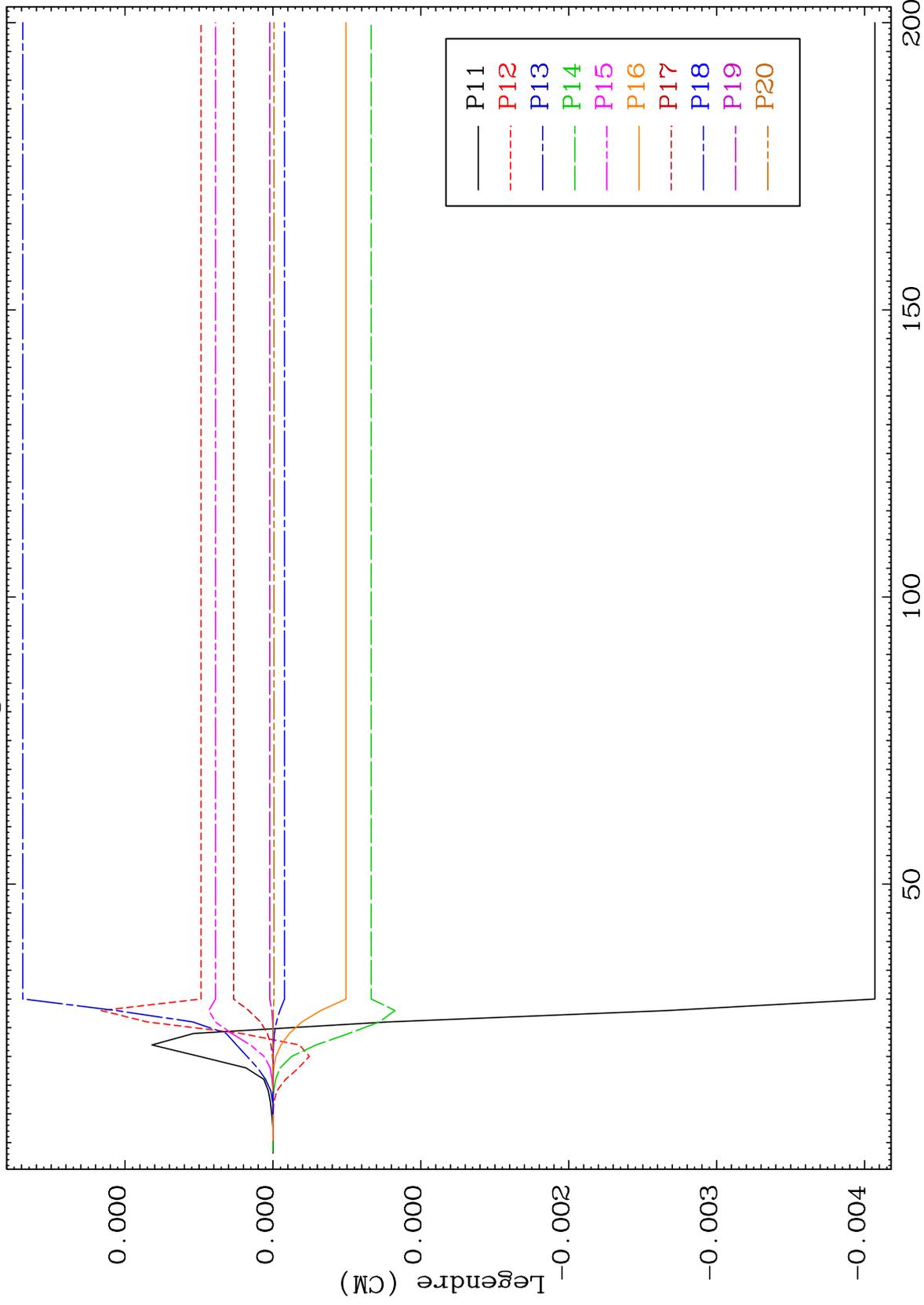
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



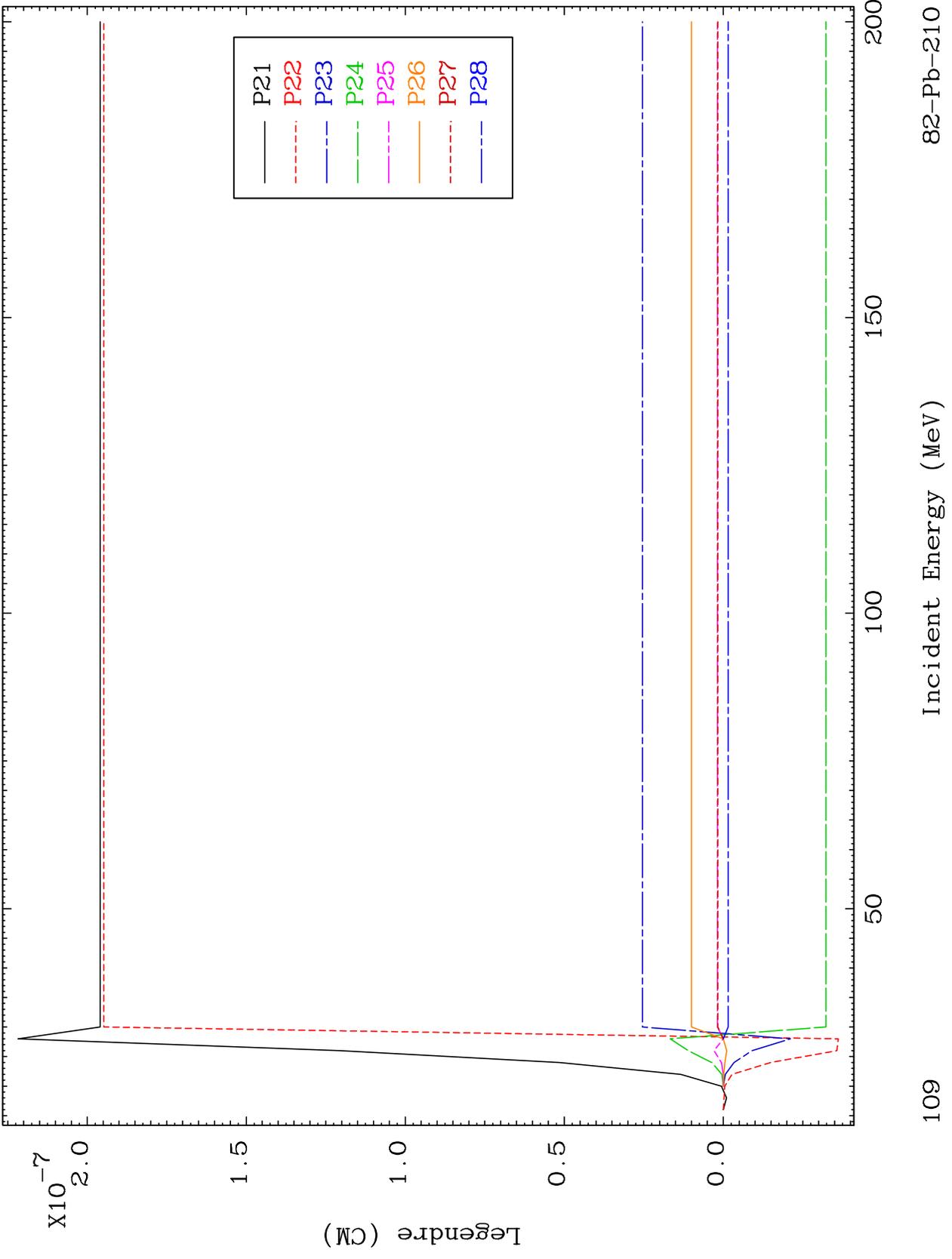
108

82-Pb-210

MAT 8243

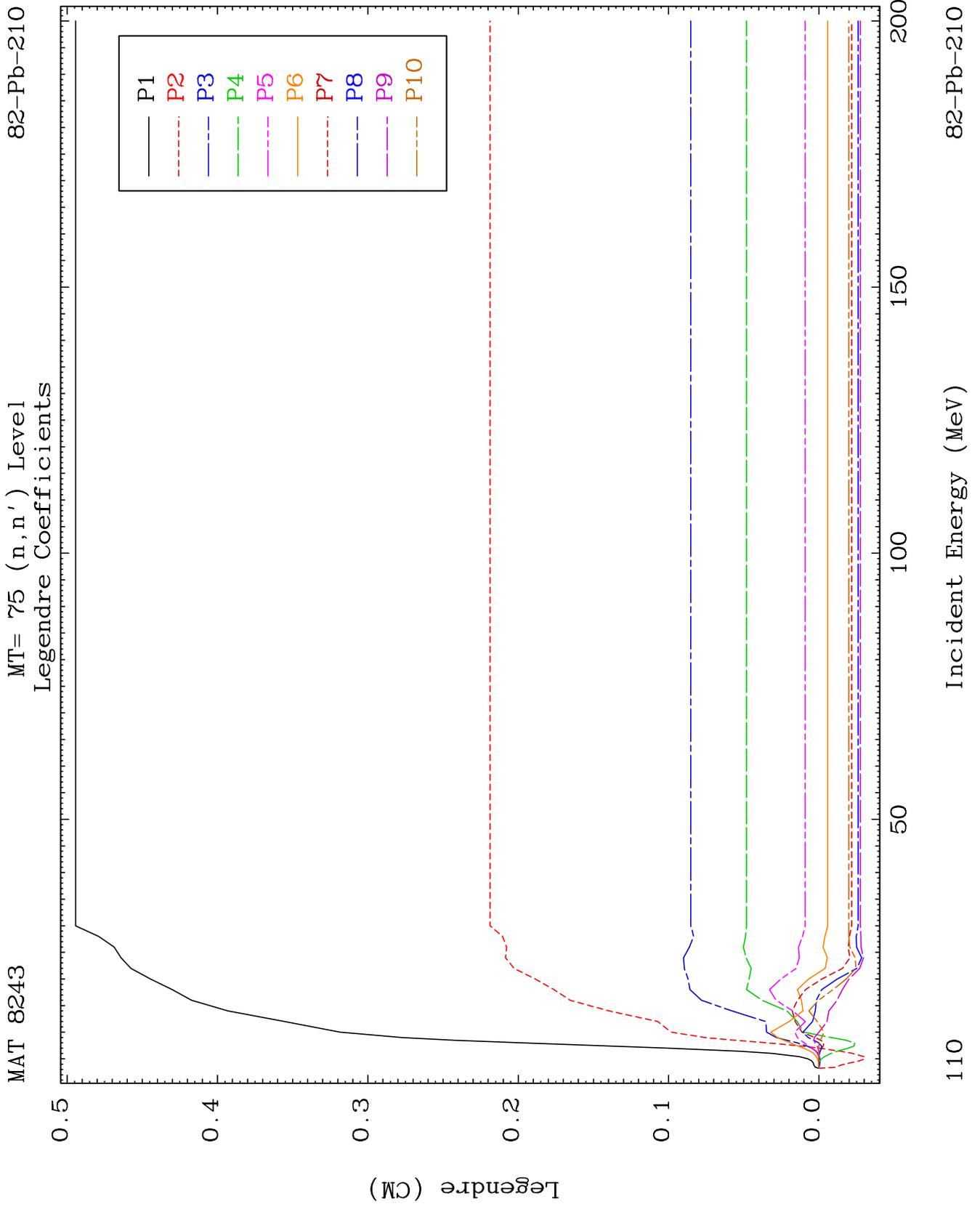
MT= 74 (n,n') Level
Legendre Coefficients

82-Pb-210



109

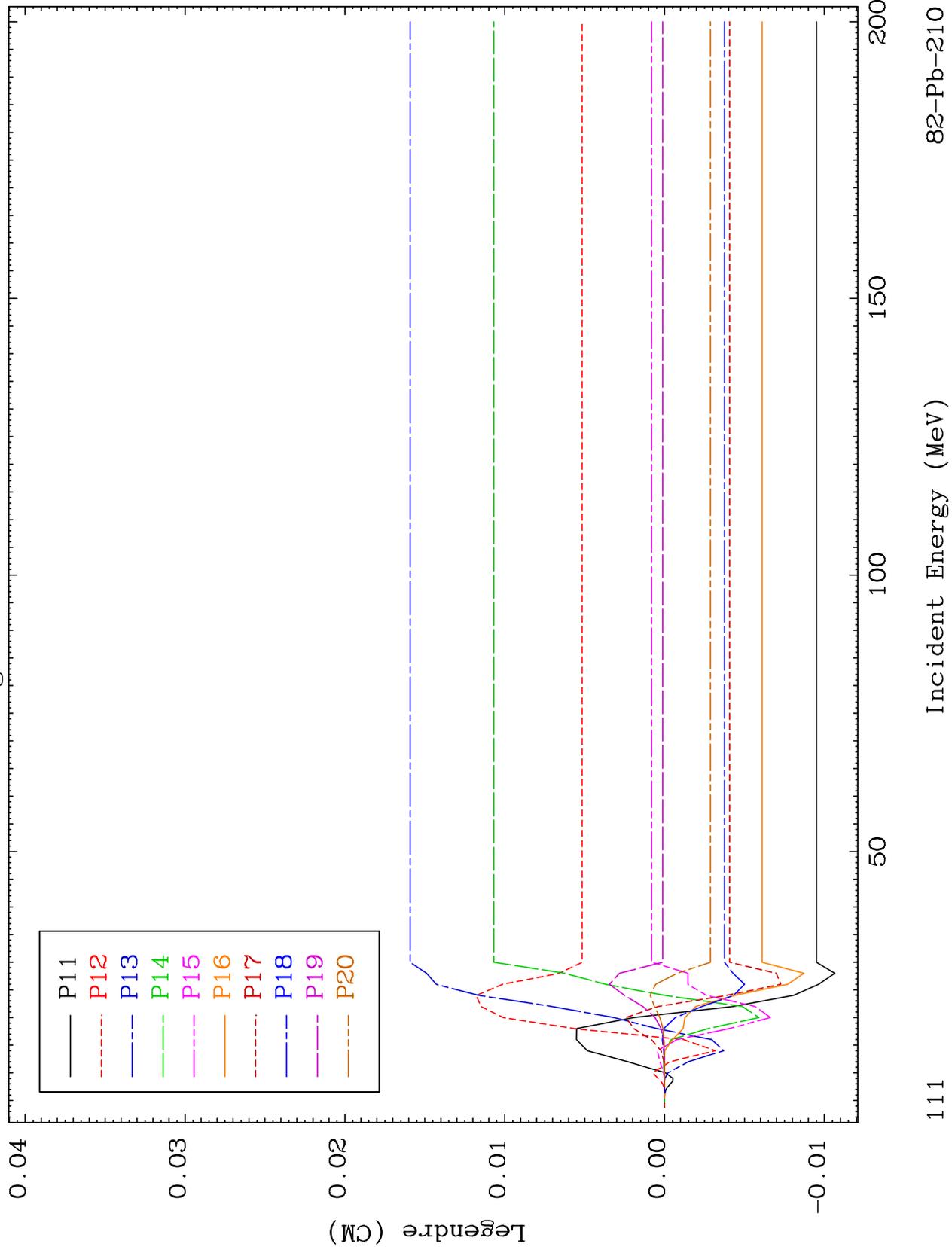
82-Pb-210



MAT 8243

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

82-Pb-210

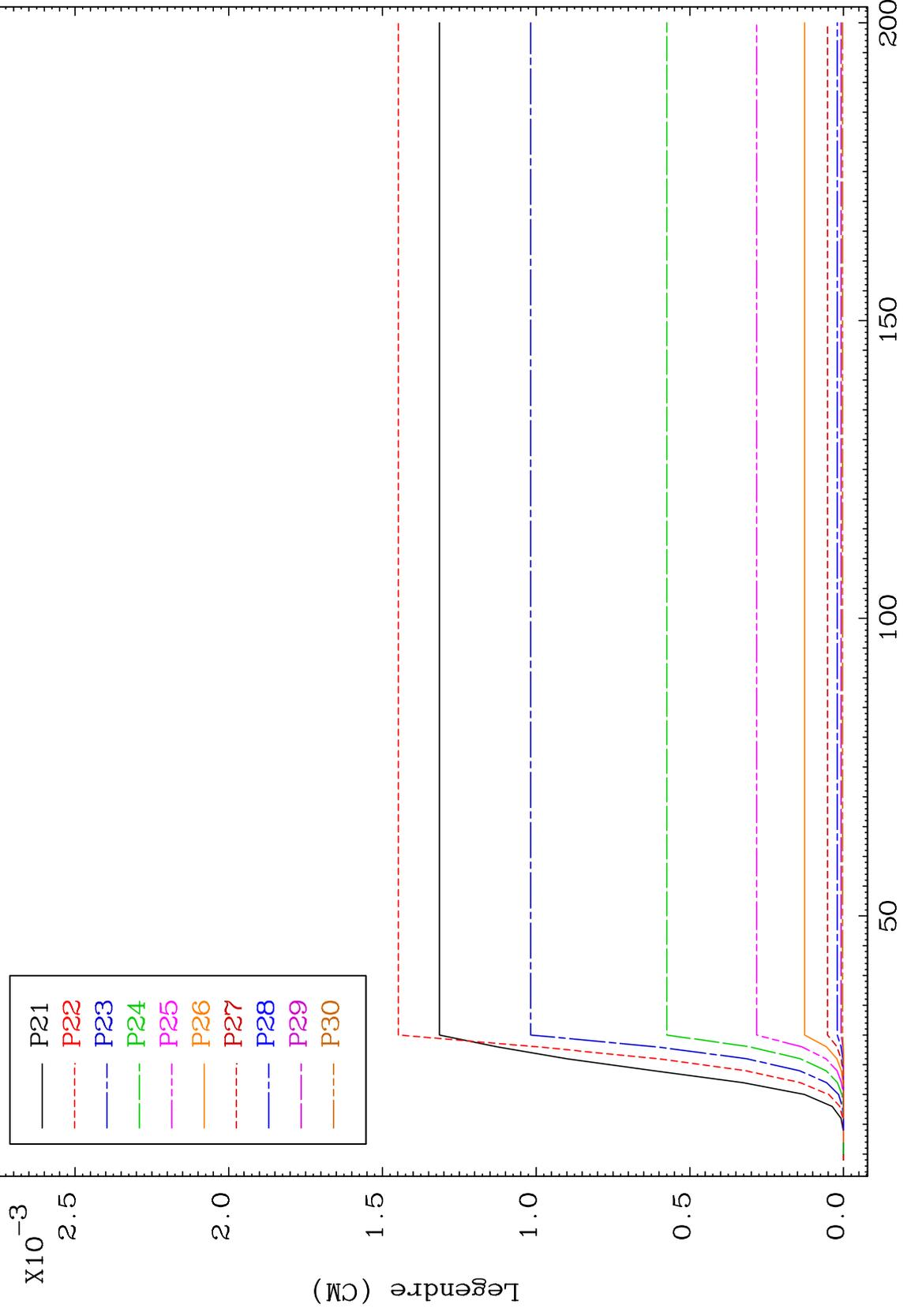
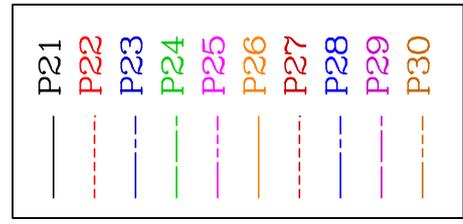


111

MAT 8243

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

82-Pb-210



112

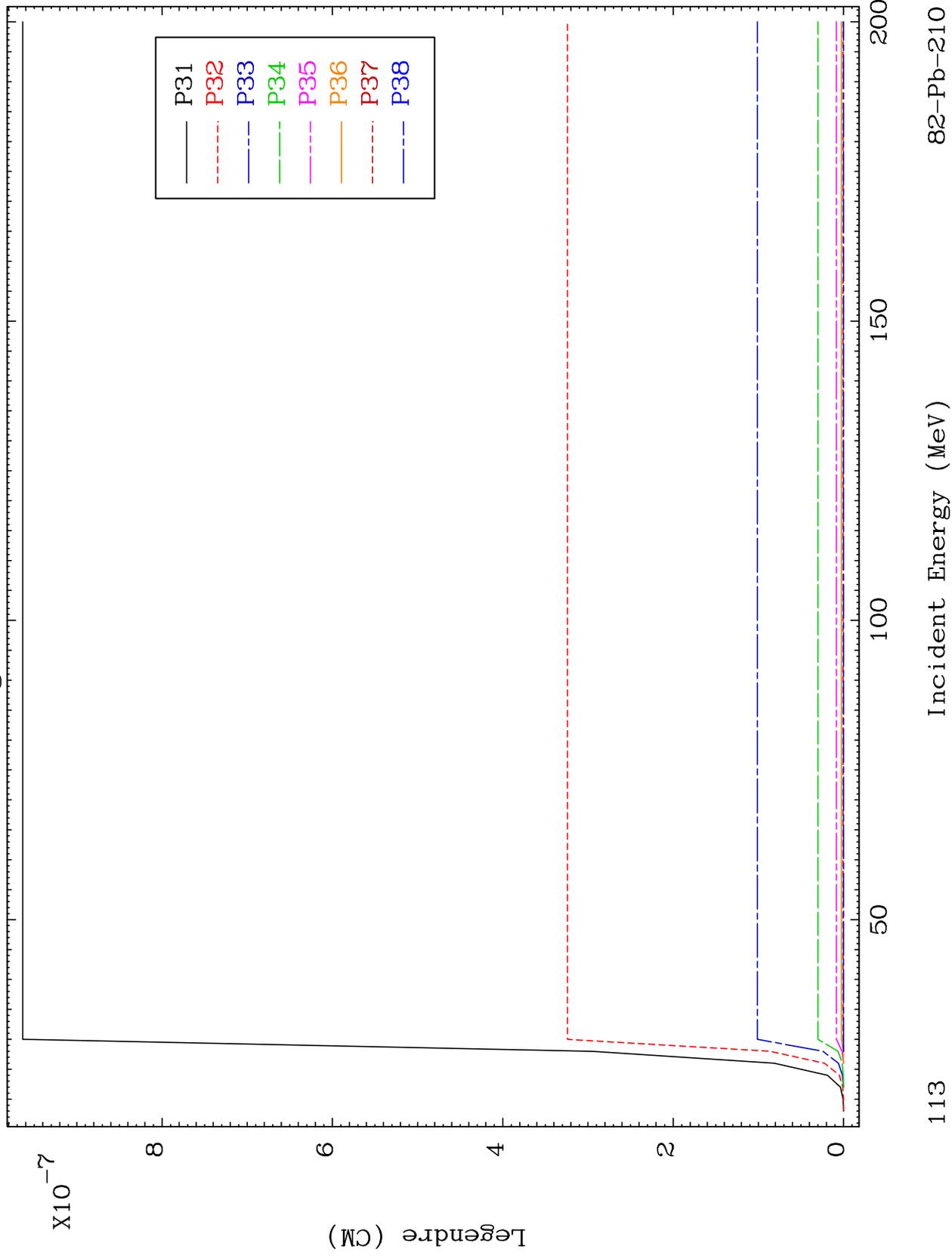
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



113

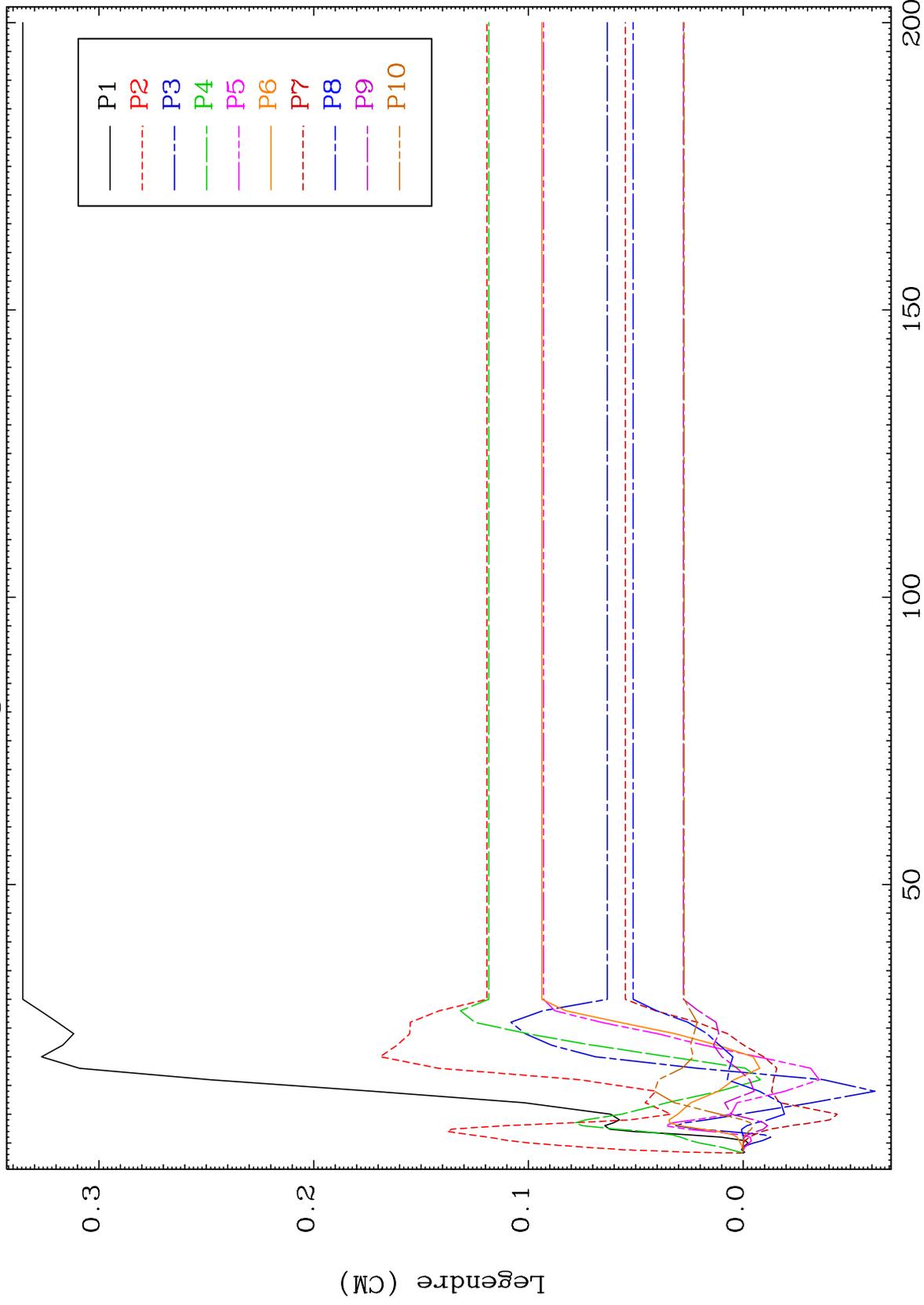
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



114

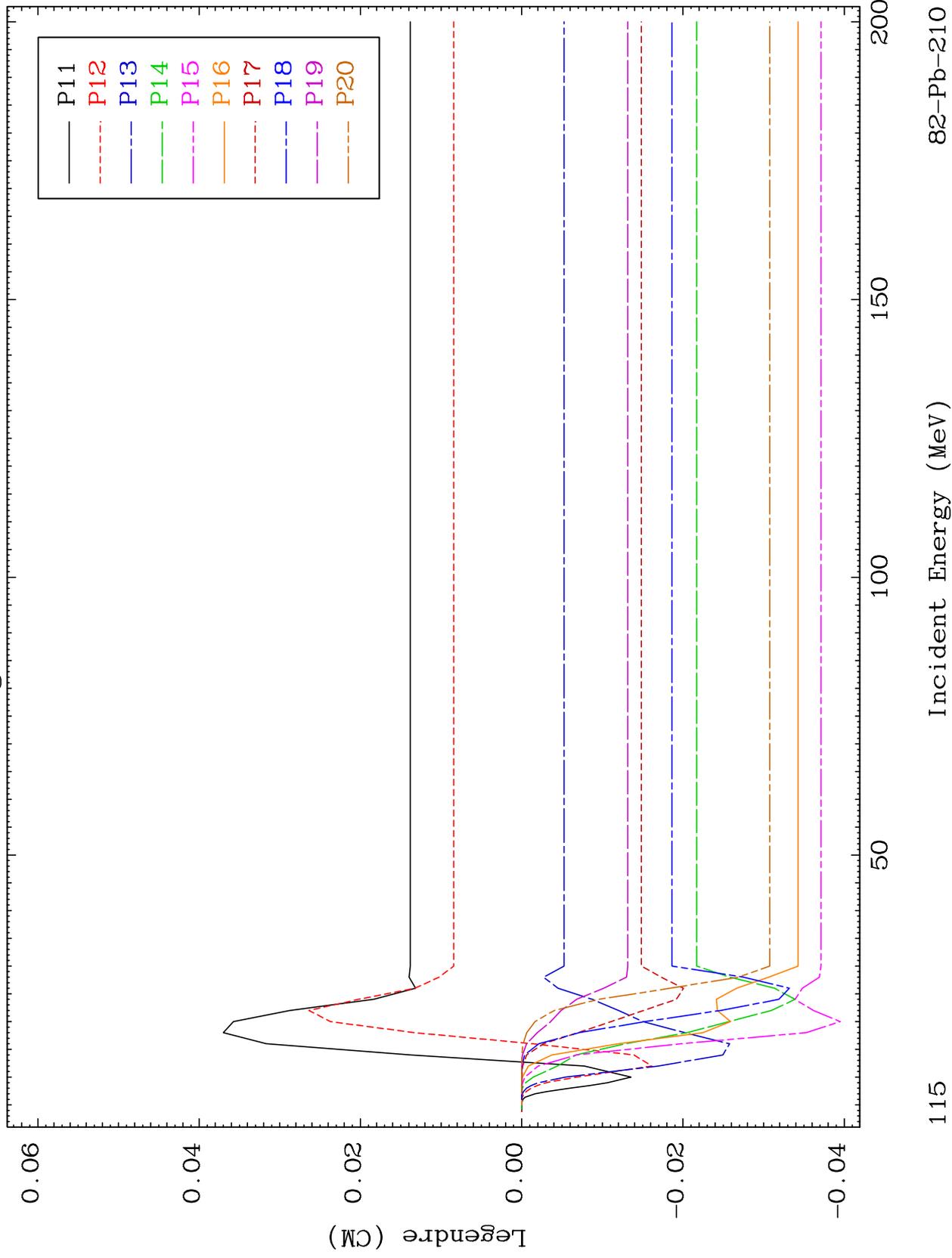
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



115

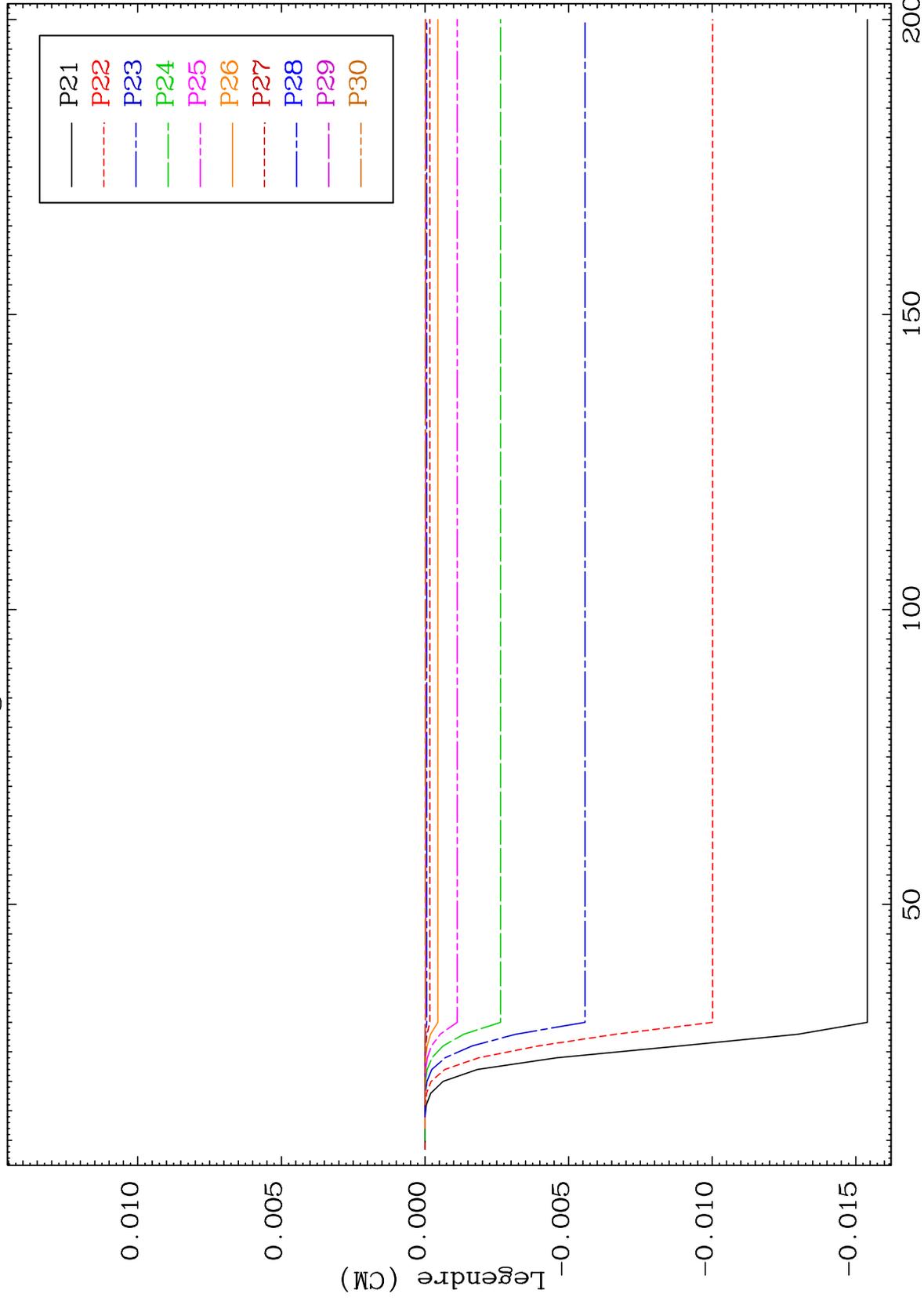
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

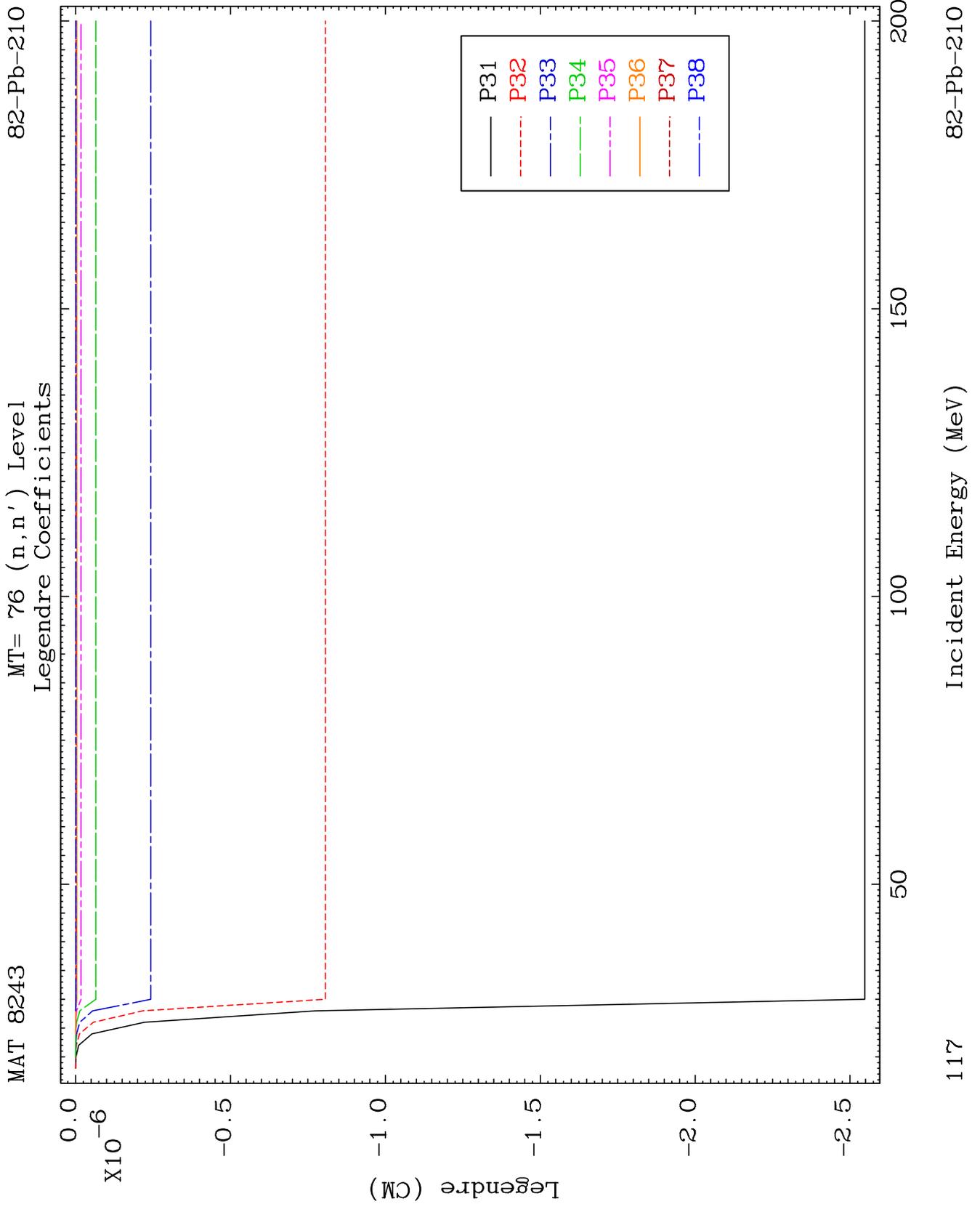
82-Pb-210



116

Incident Energy (MeV)

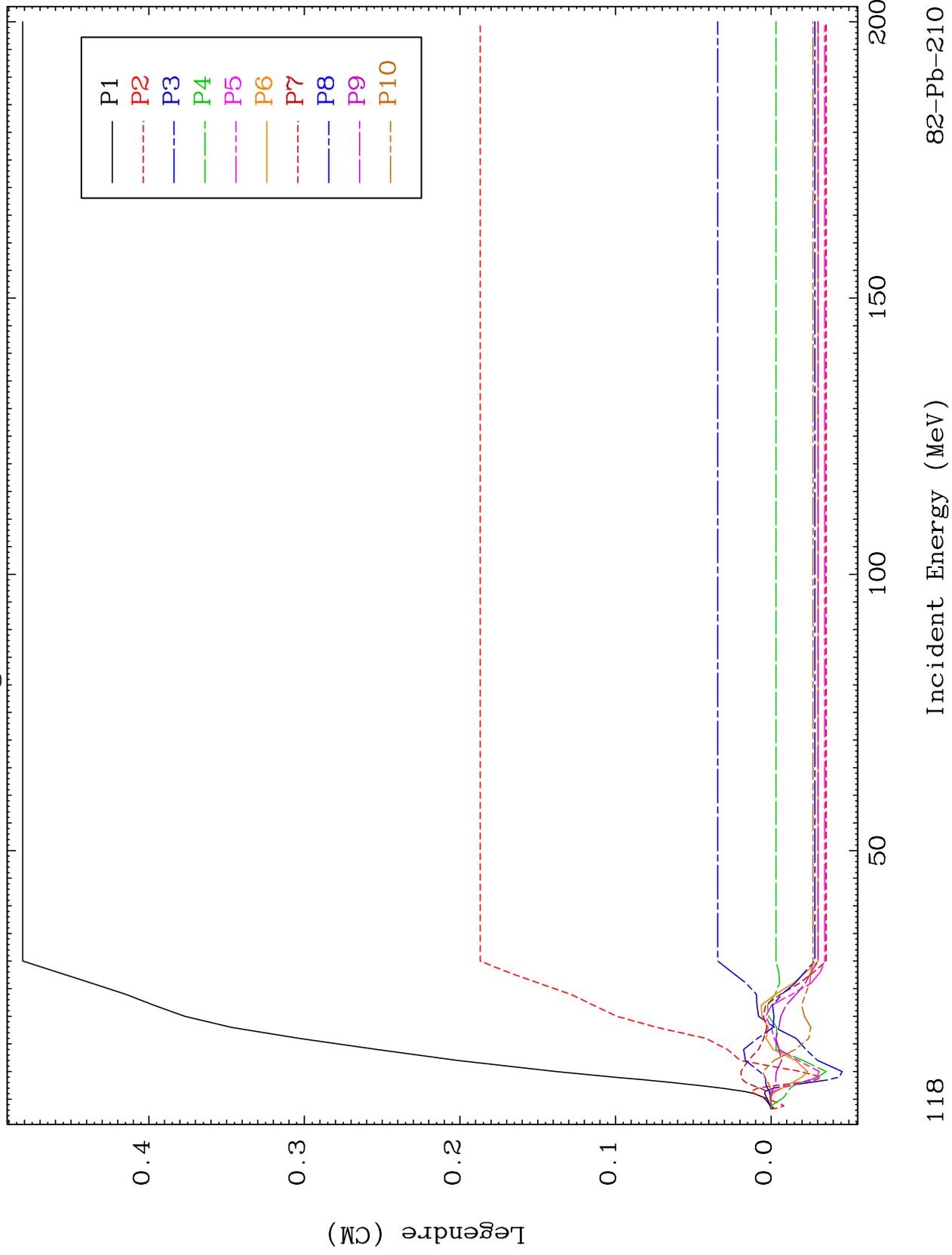
82-Pb-210



MAT 8243

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

82-Pb-210



118

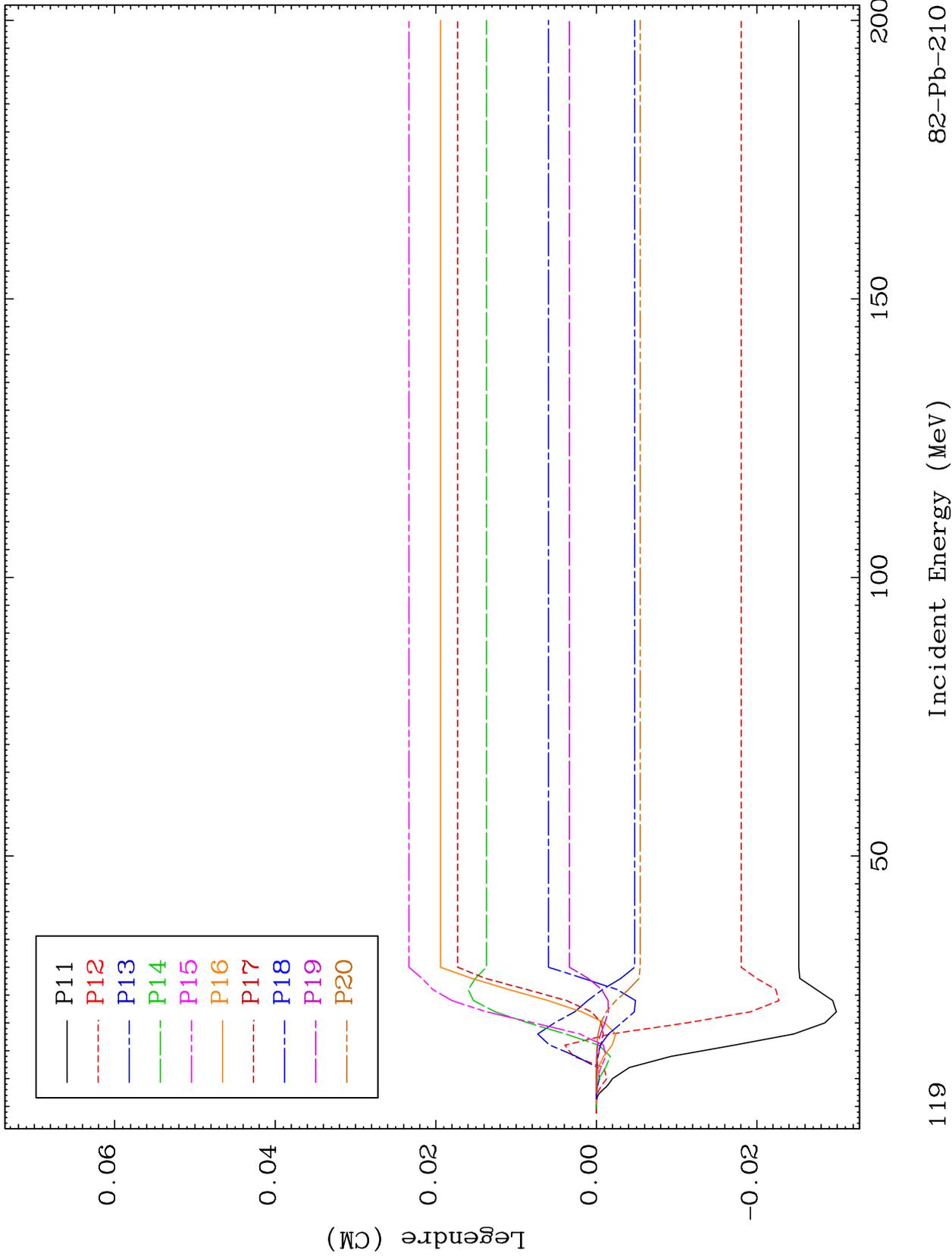
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

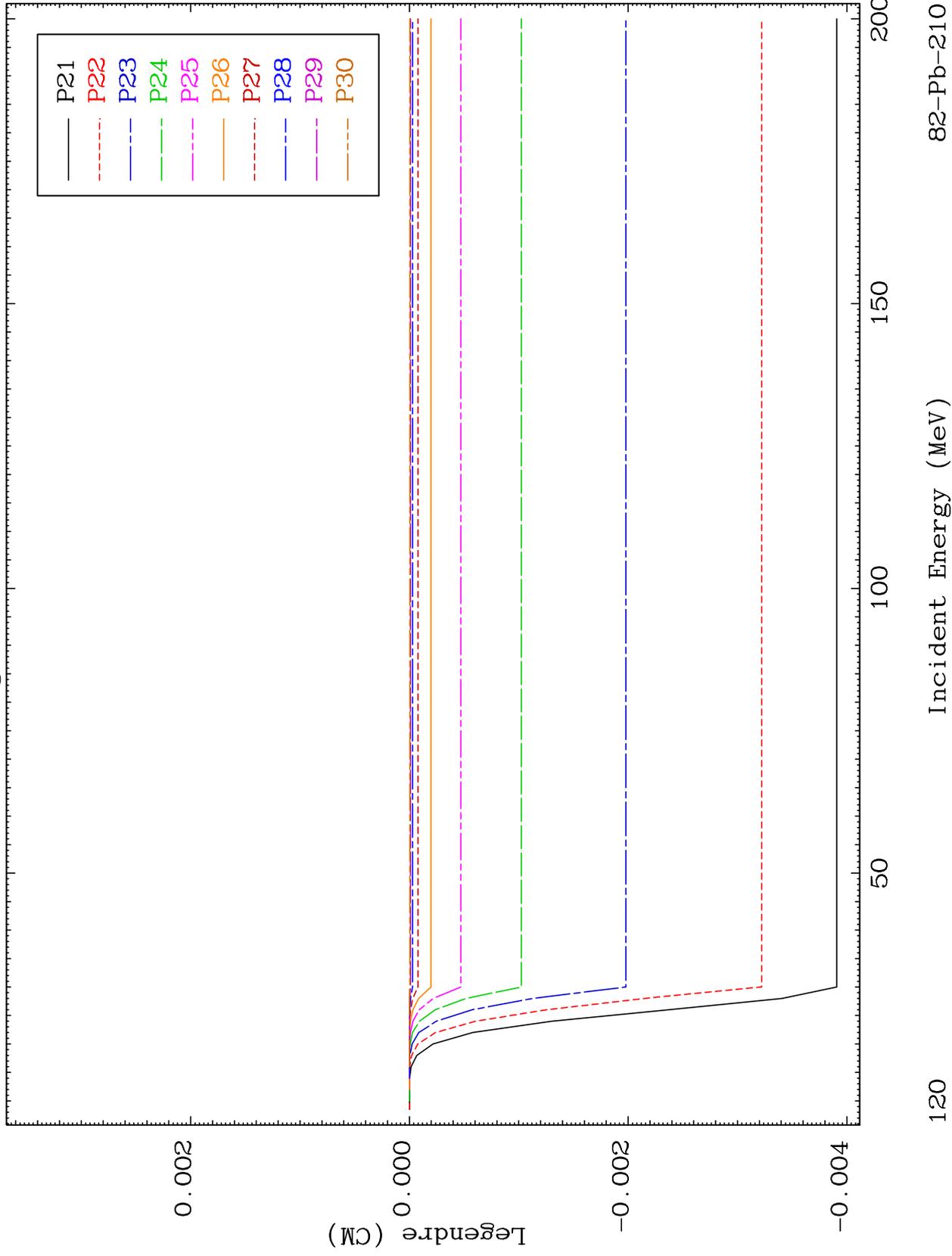


119

MAT 8243

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

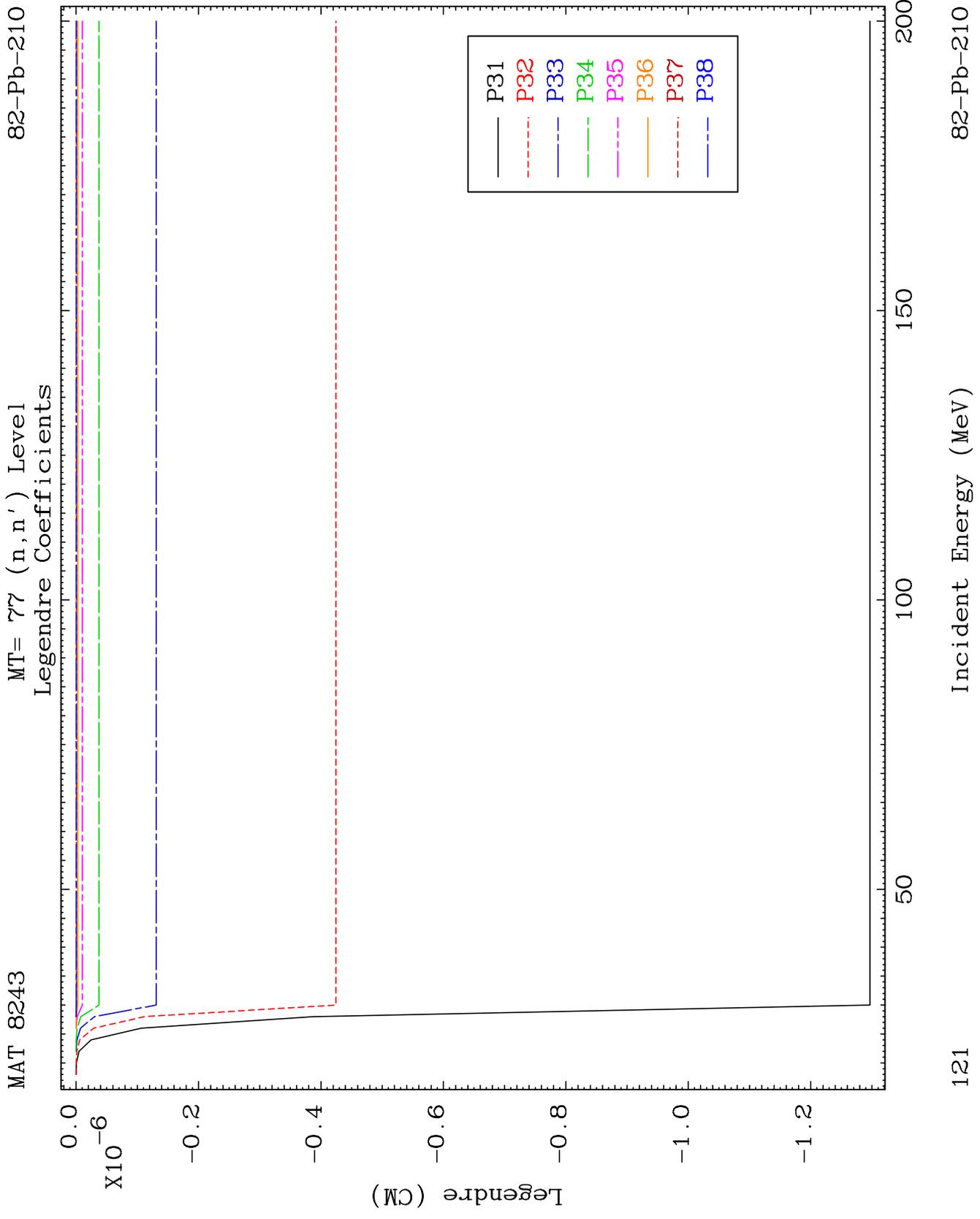
82-Pb-210



82-Pb-210

Incident Energy (MeV)

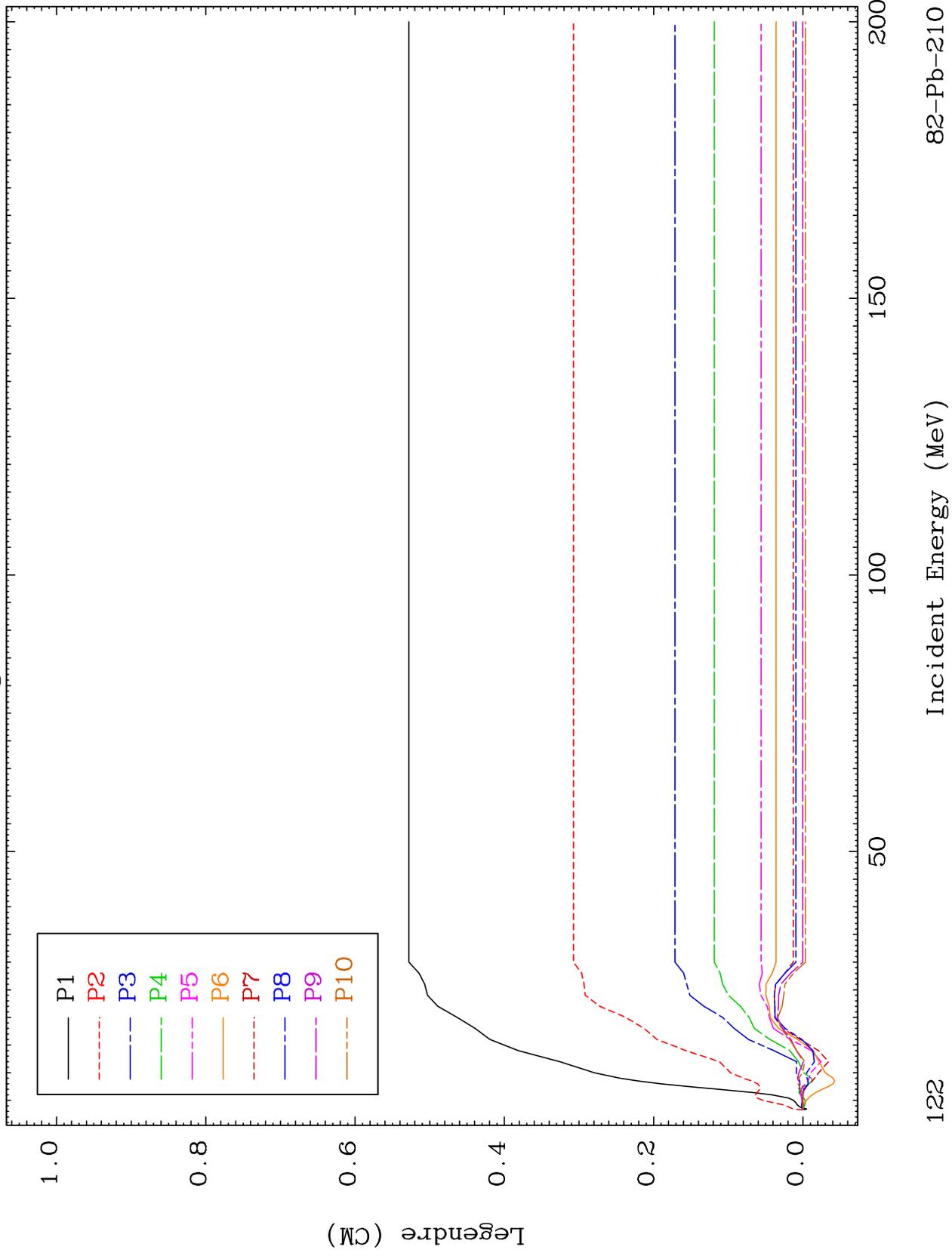
120



MAT 8243

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

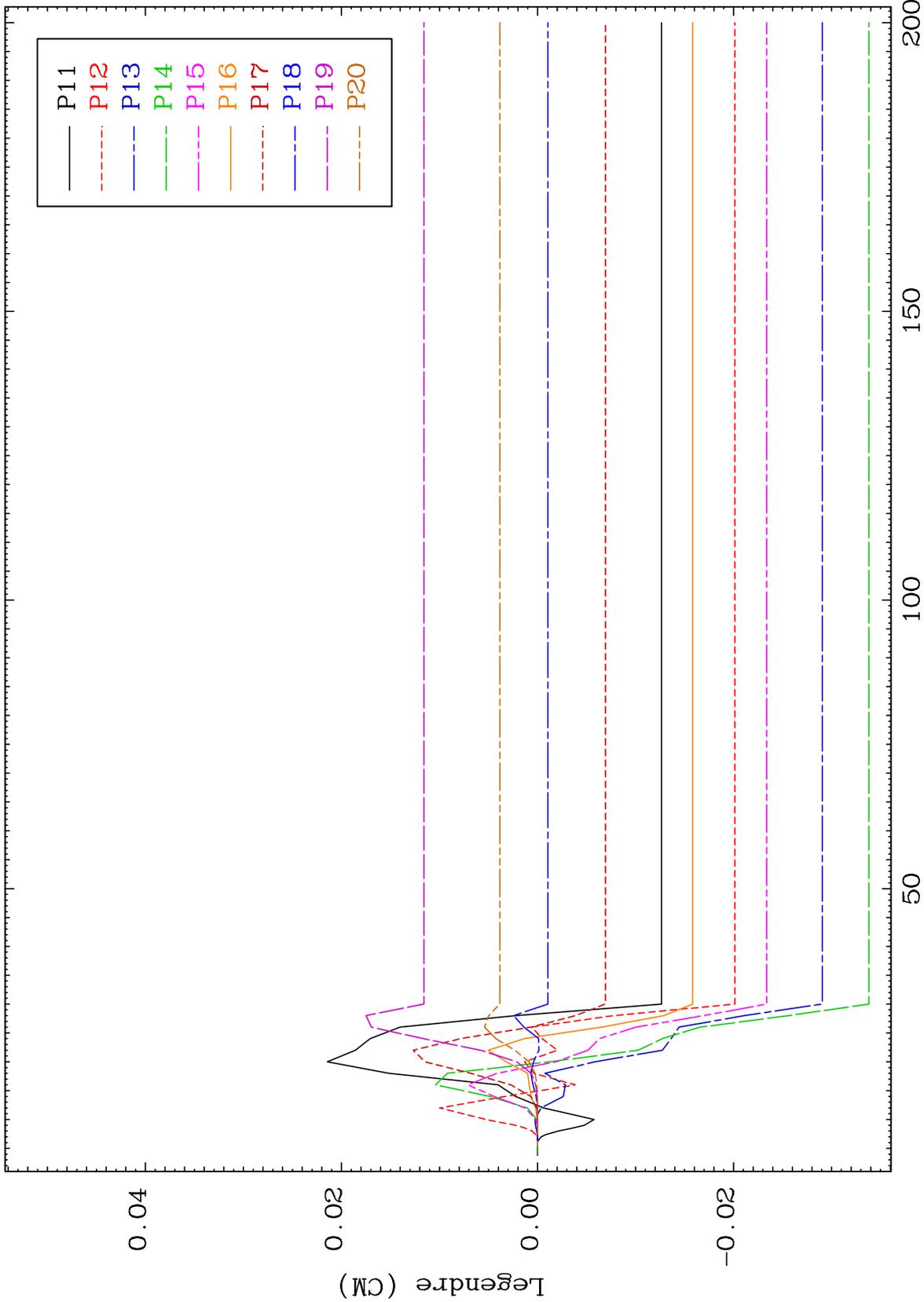
82-Pb-210



MAT 8243

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

82-Pb-210



123

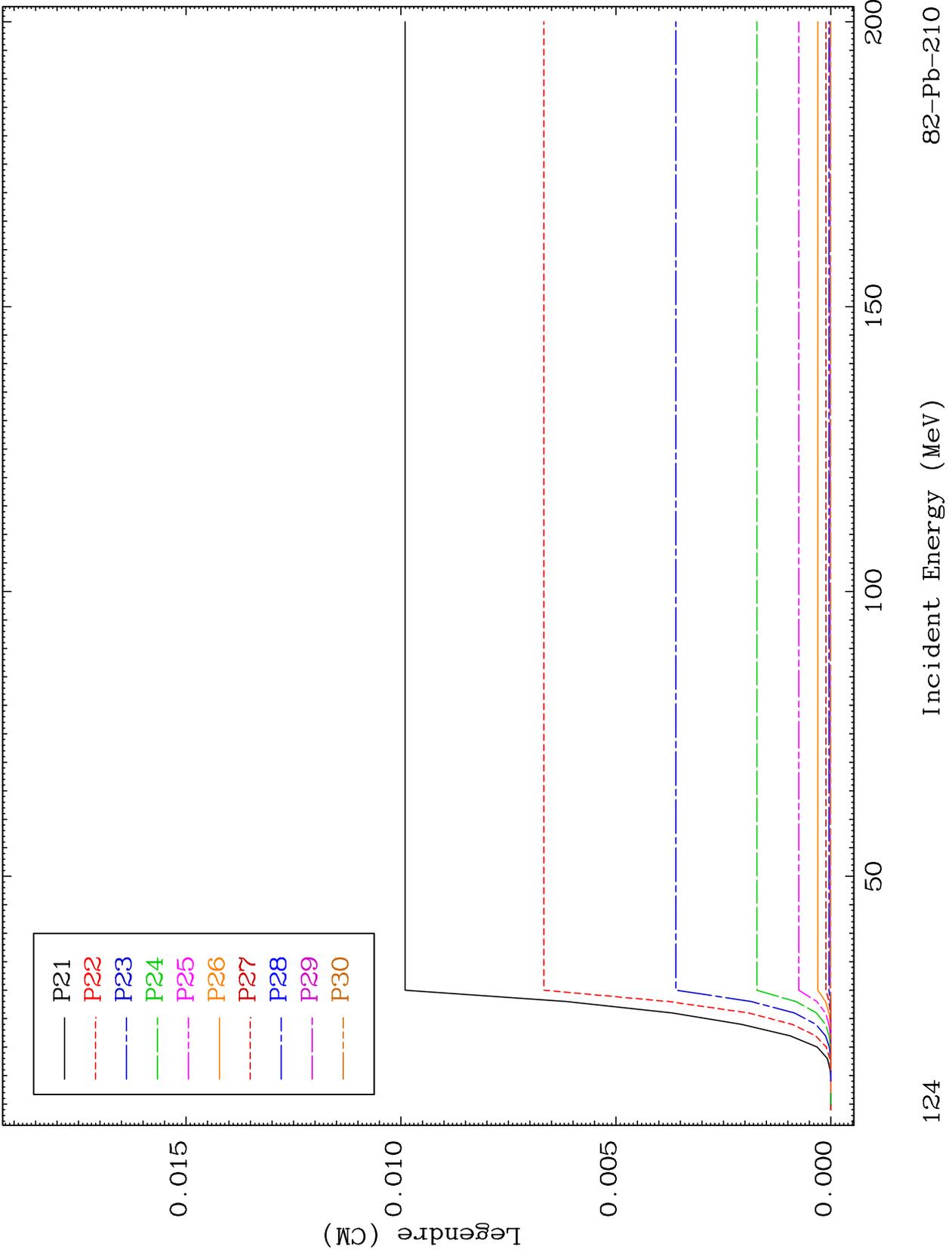
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



124

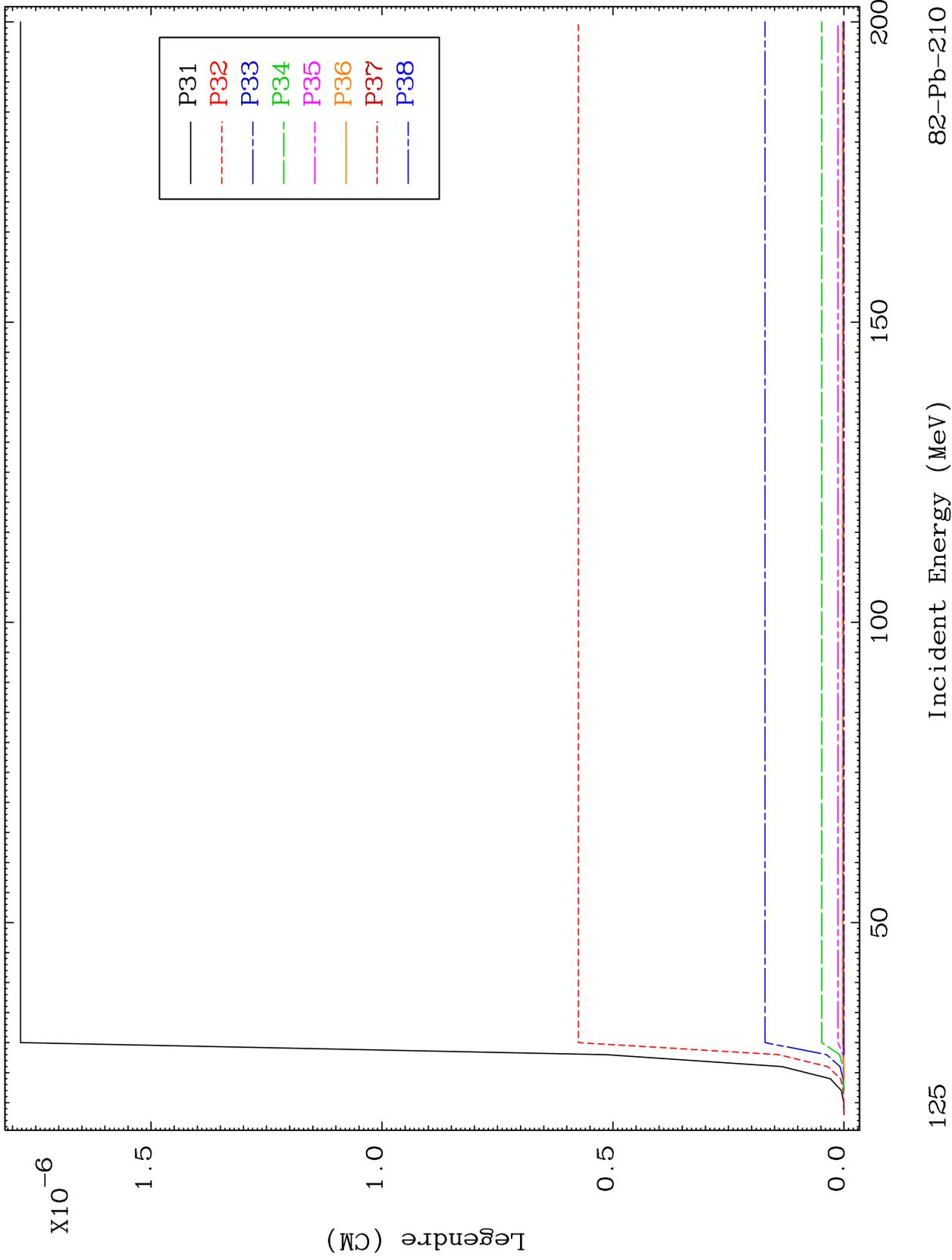
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

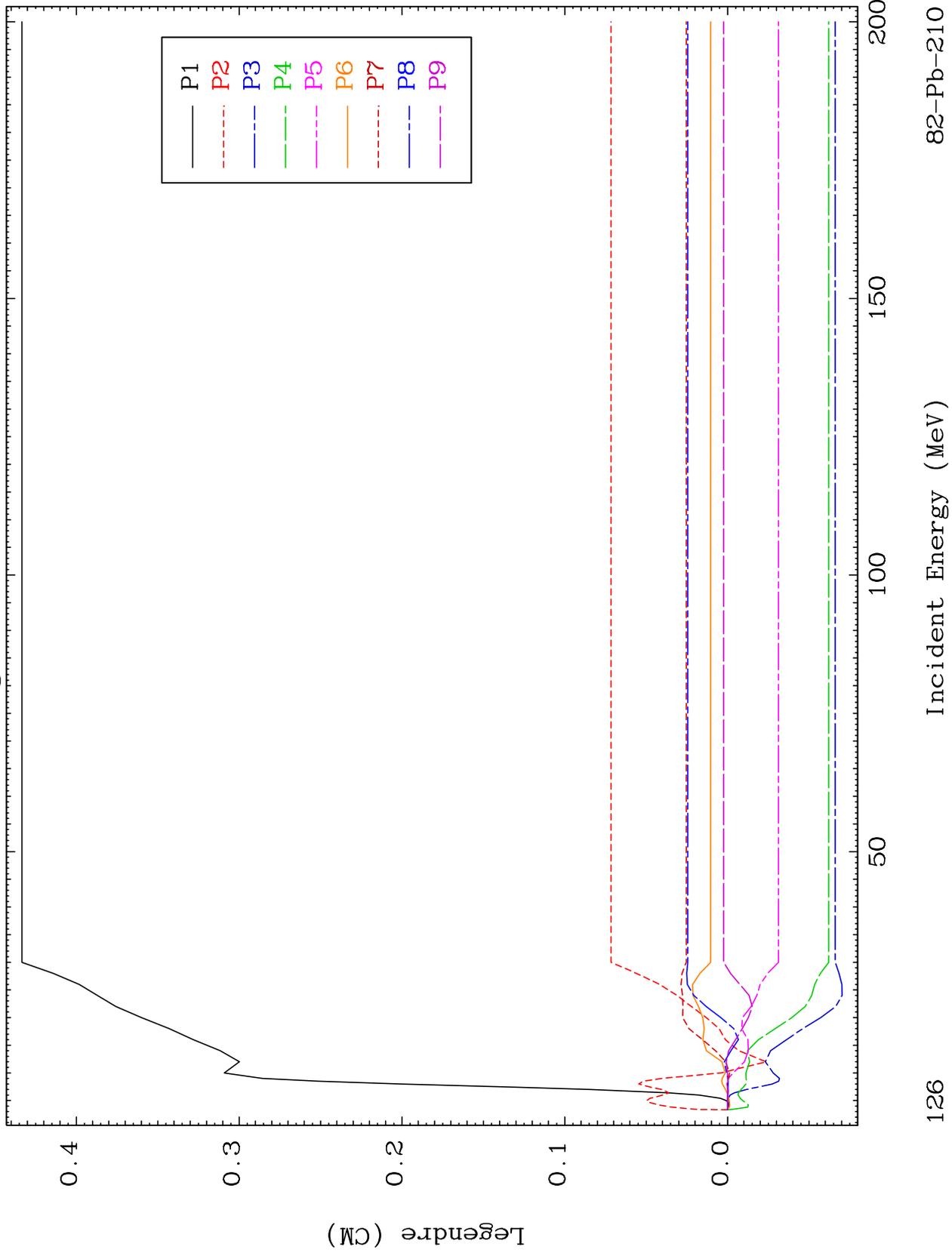
82-Pb-210



MAT 8243

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

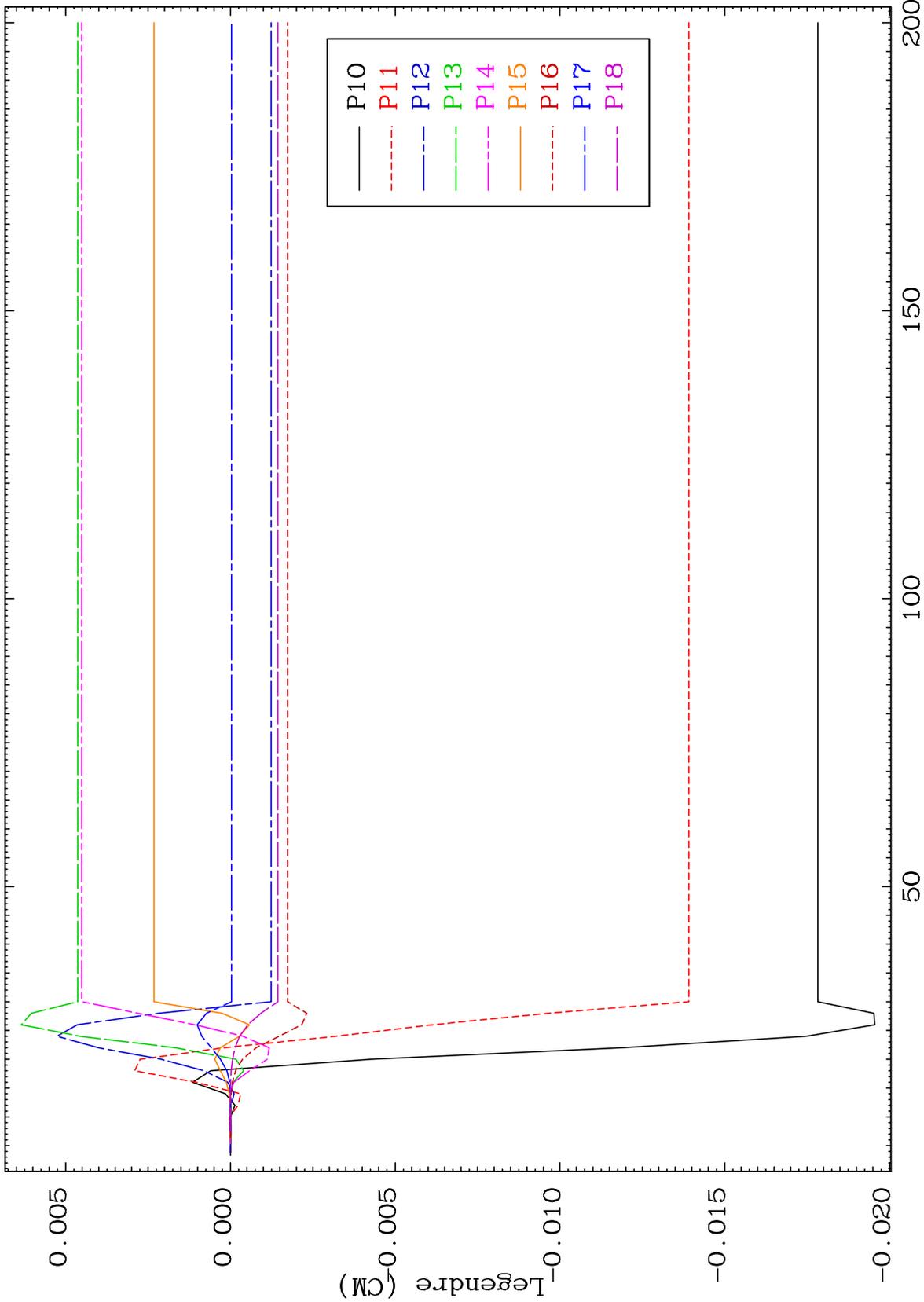
82-Pb-210



MAT 8243

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

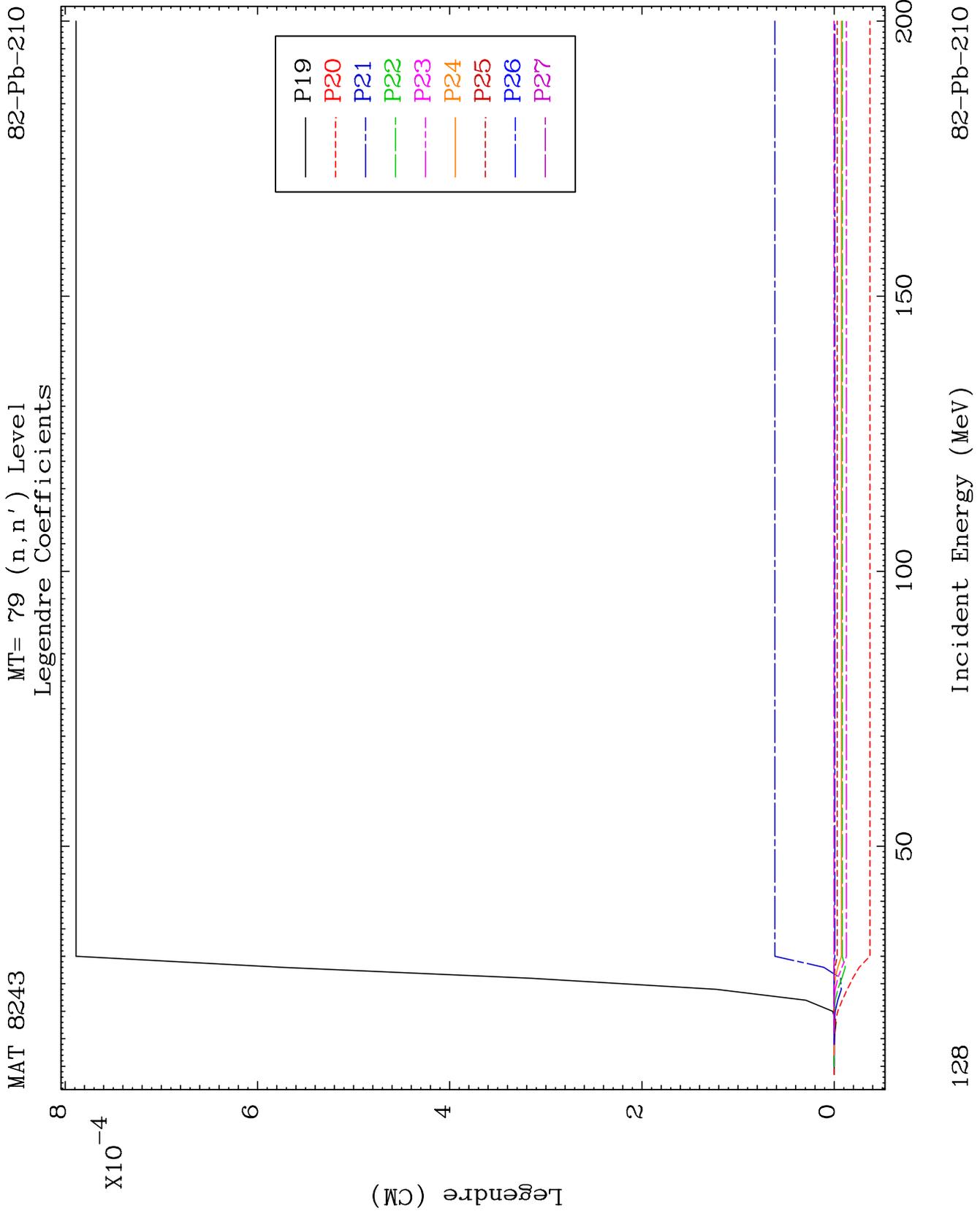
82-Pb-210



127

Incident Energy (MeV)

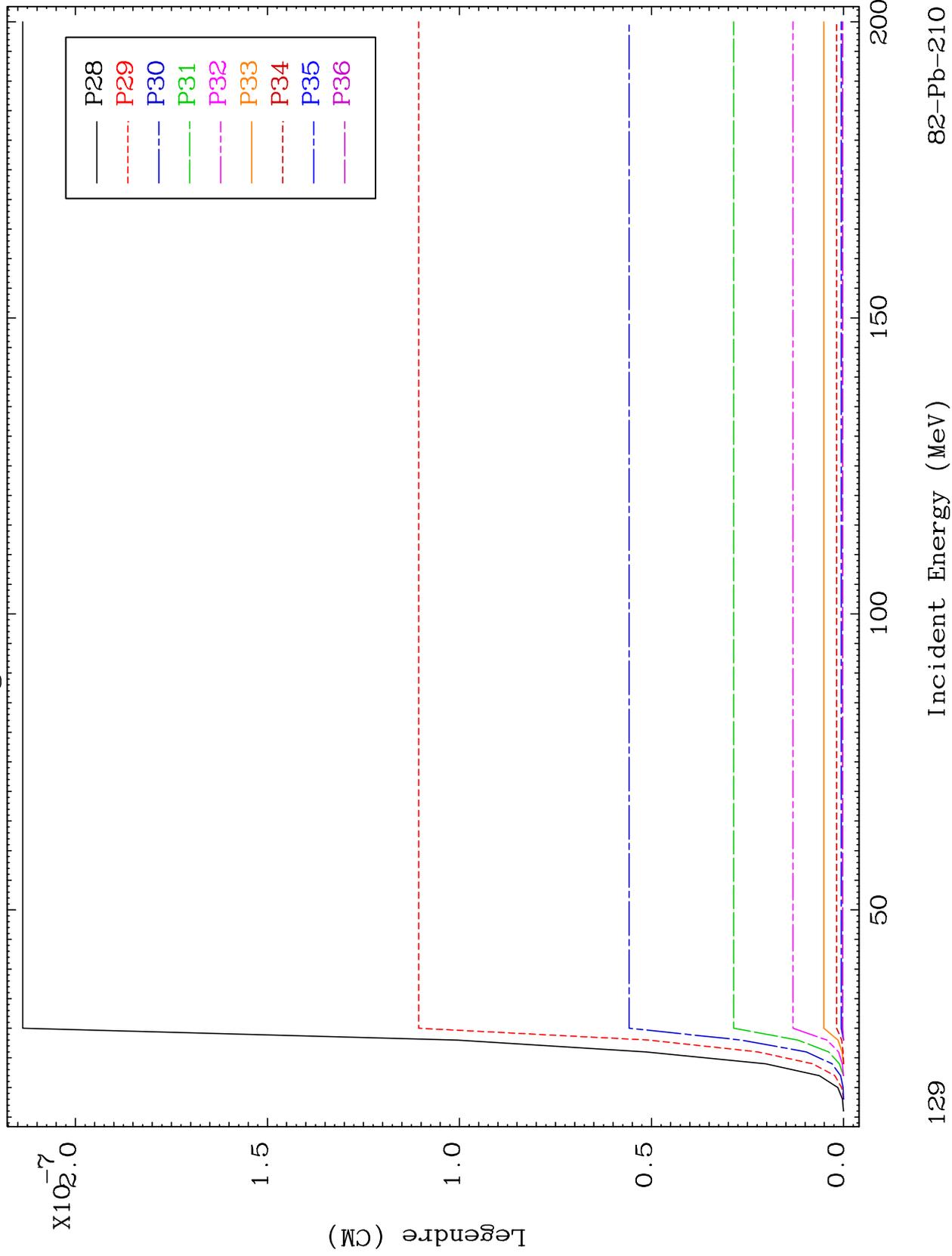
82-Pb-210



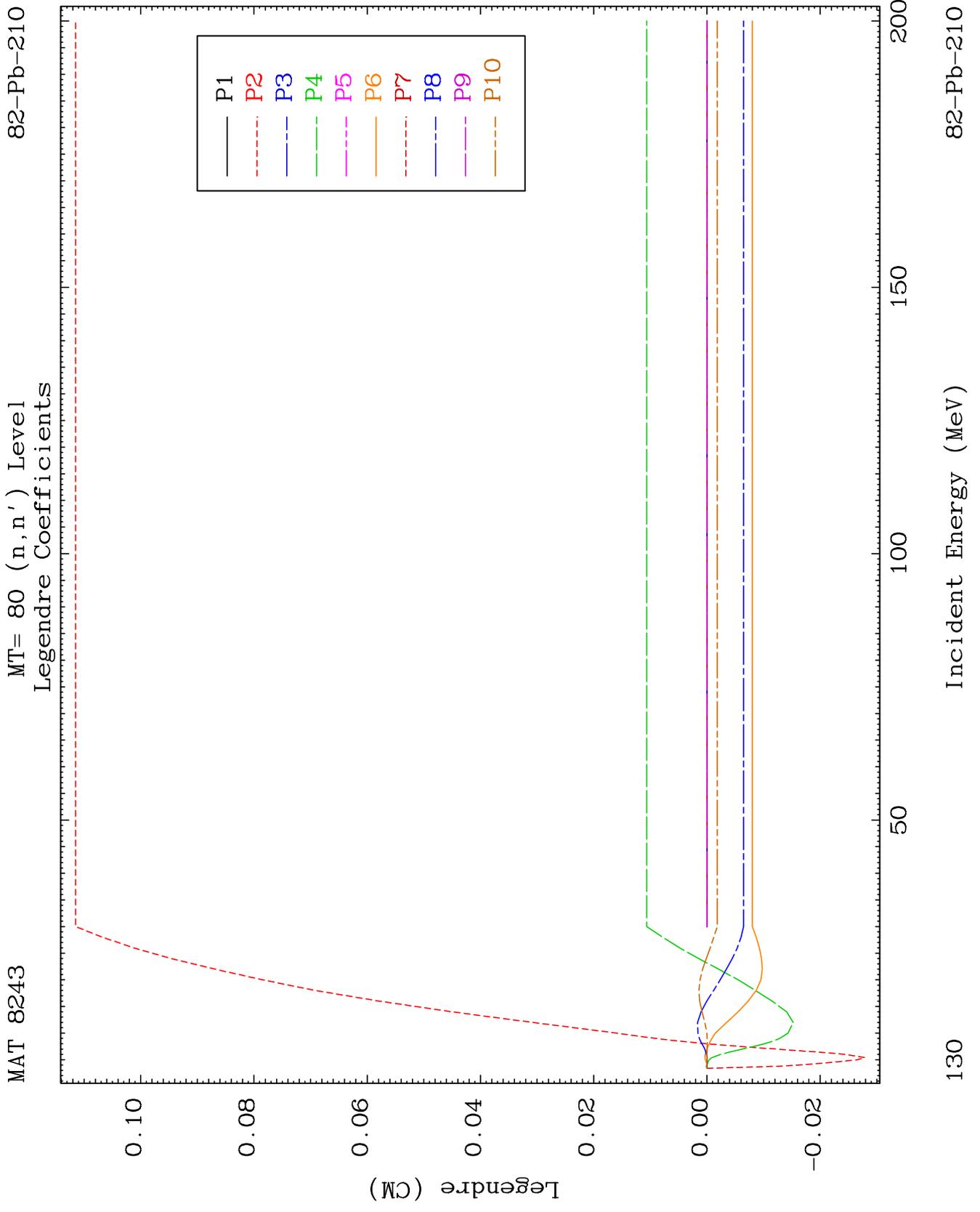
MAT 8243

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

82-Pb-210



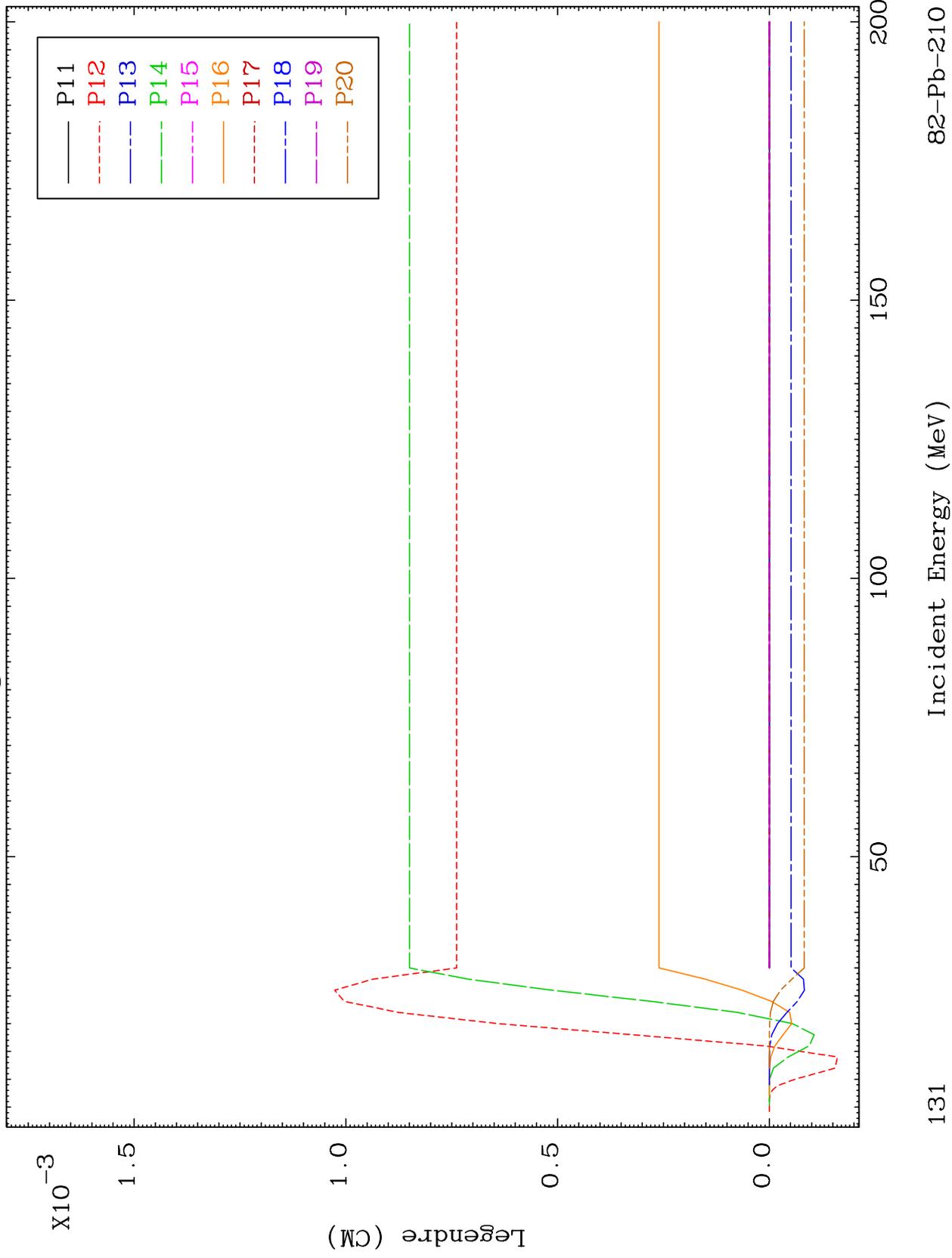
129

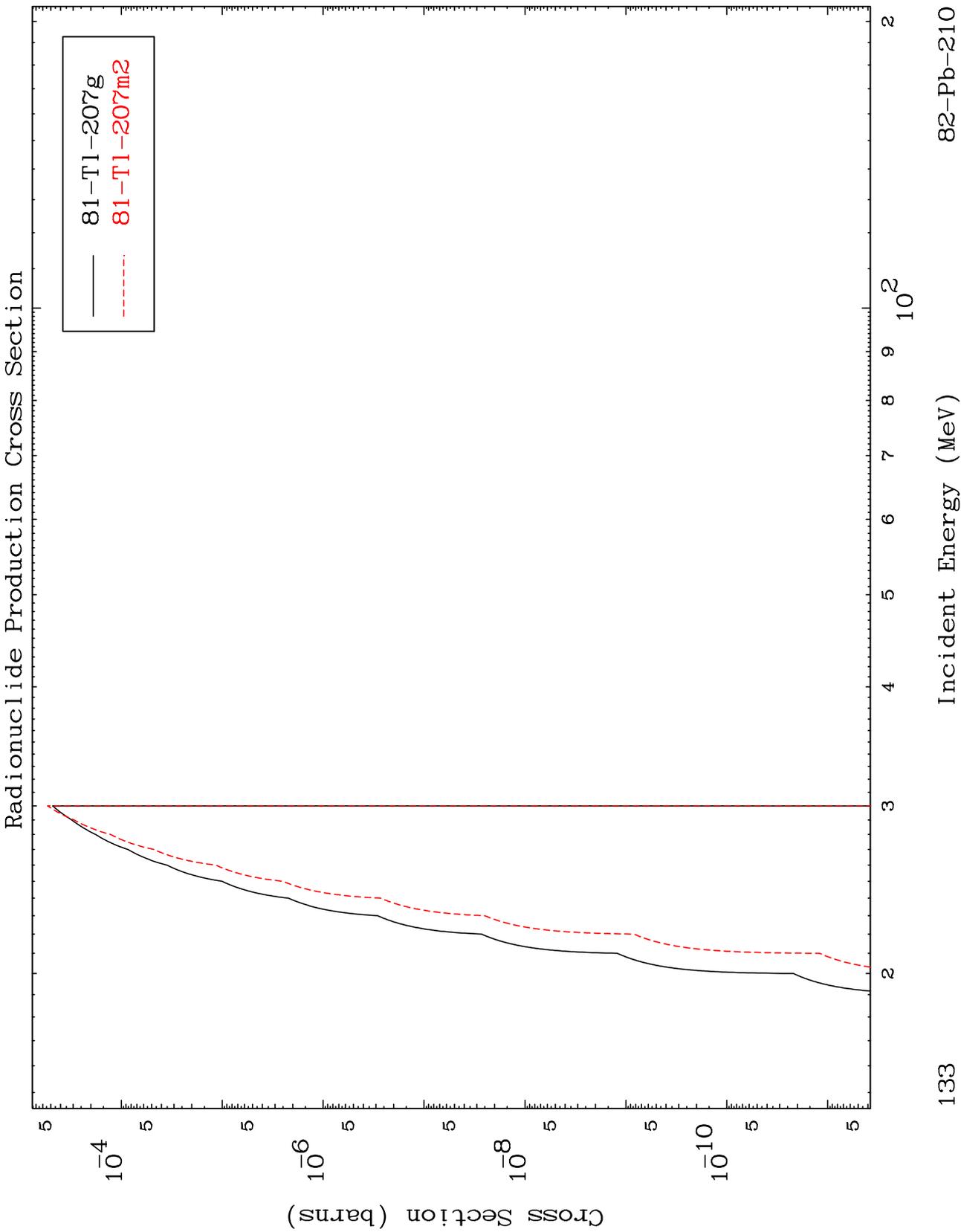


MAT 8243

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

82-Pb-210



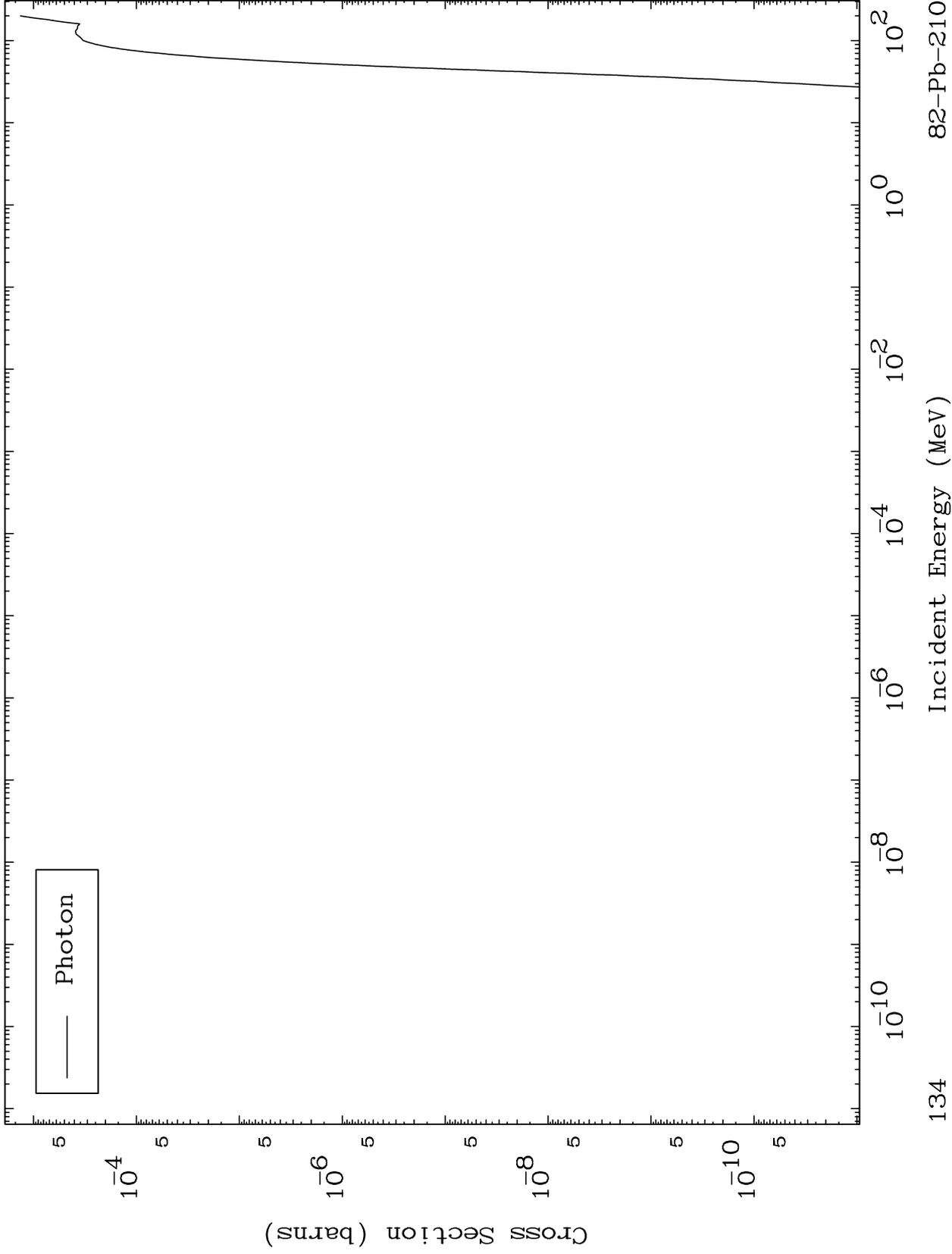


MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section



134

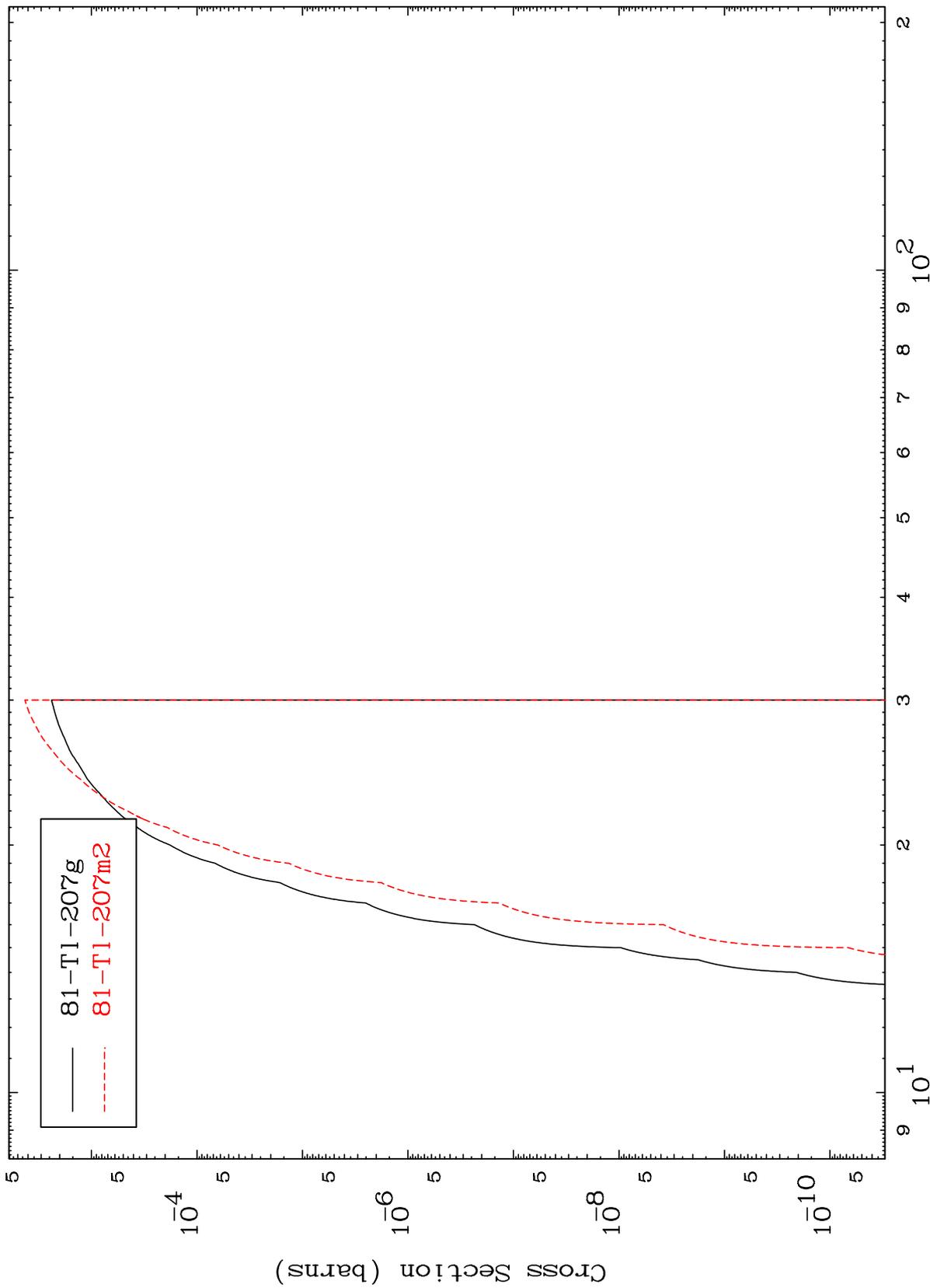
82-Pb-210

MAT 8243

(n,n') t

82-Pb-210

Radionuclide Production Cross Section



135

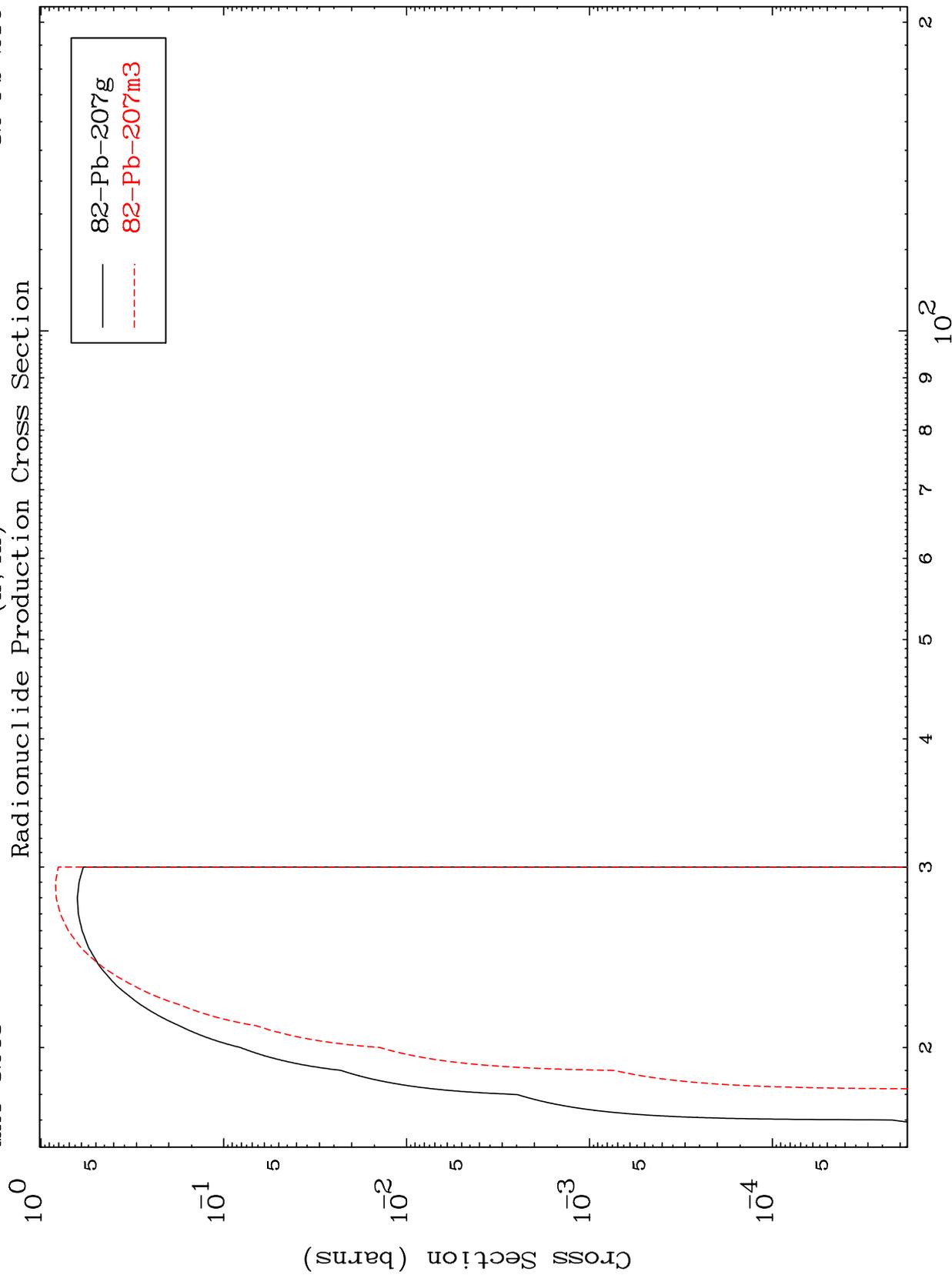
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,4n)
Radionuclide Production Cross Section



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

82-Pb-210

Incident Energy (MeV)

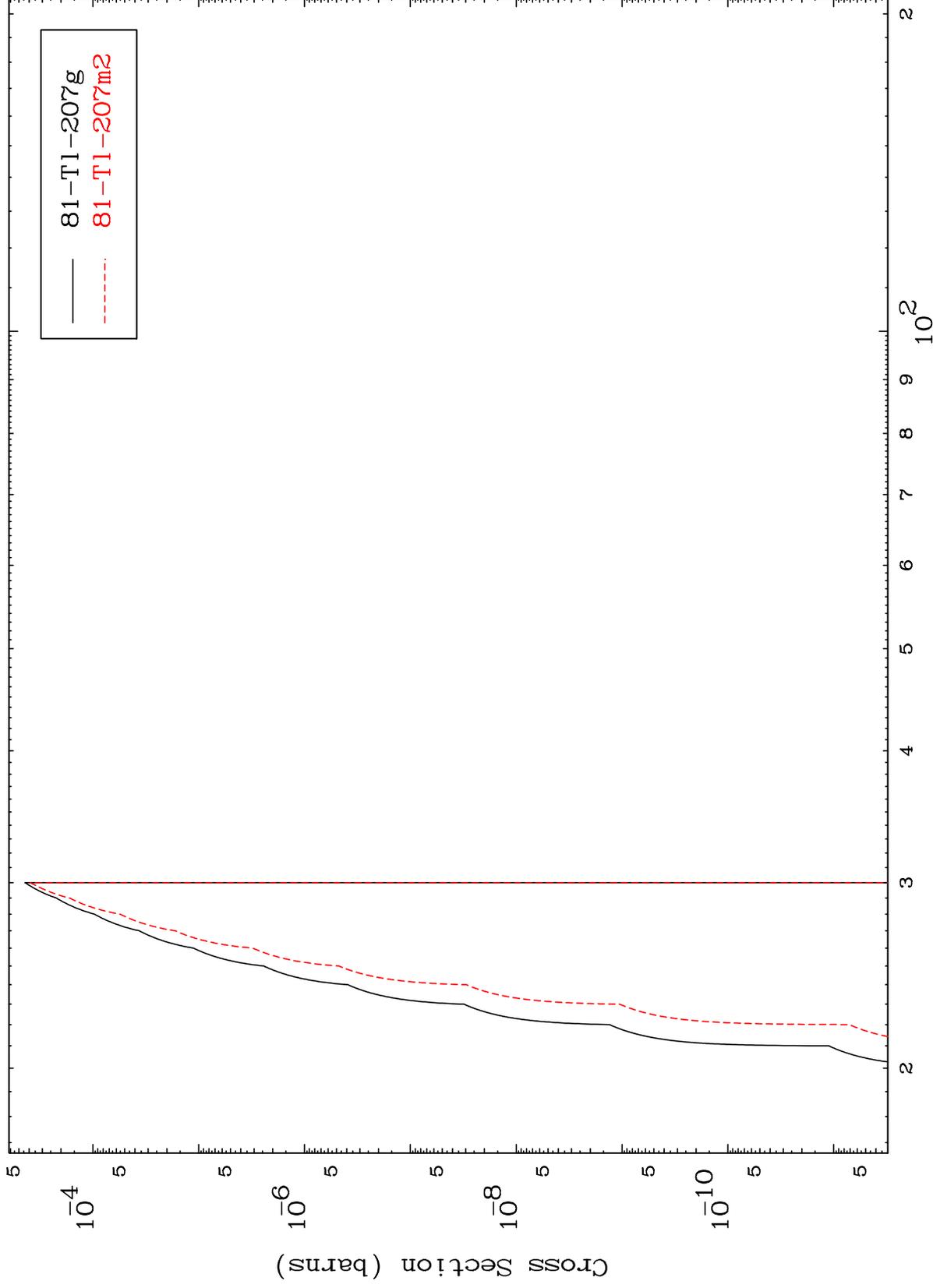
136

MAT 8243

(n,3n) p

82-Pb-210

Radionuclide Production Cross Section



137

Incident Energy (MeV)

82-Pb-210