

Program EVALPLOT
(Version 2017-1)

by

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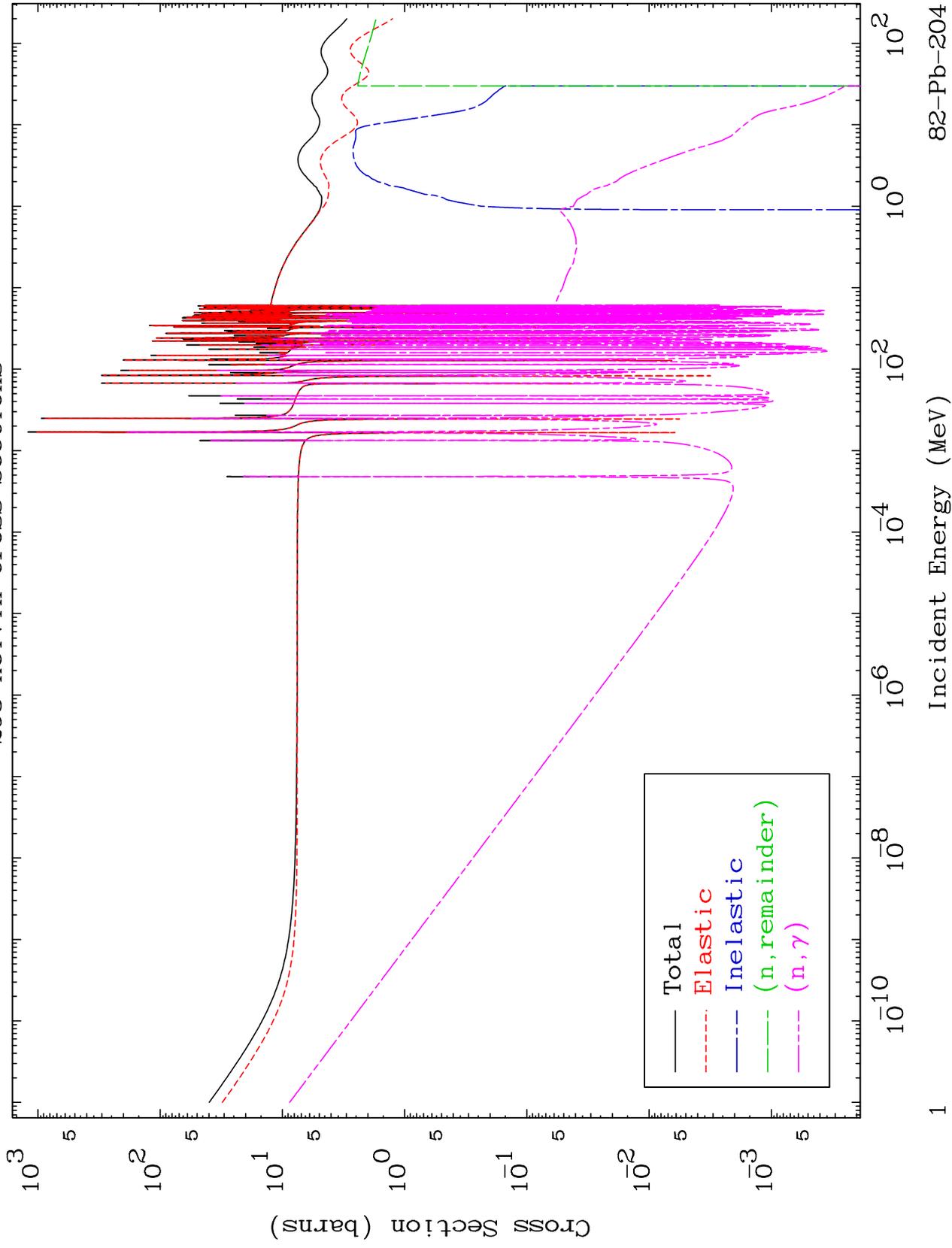
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Press Mouse Button to Start

MAT 8225

Major
293 Kelvin Cross Sections

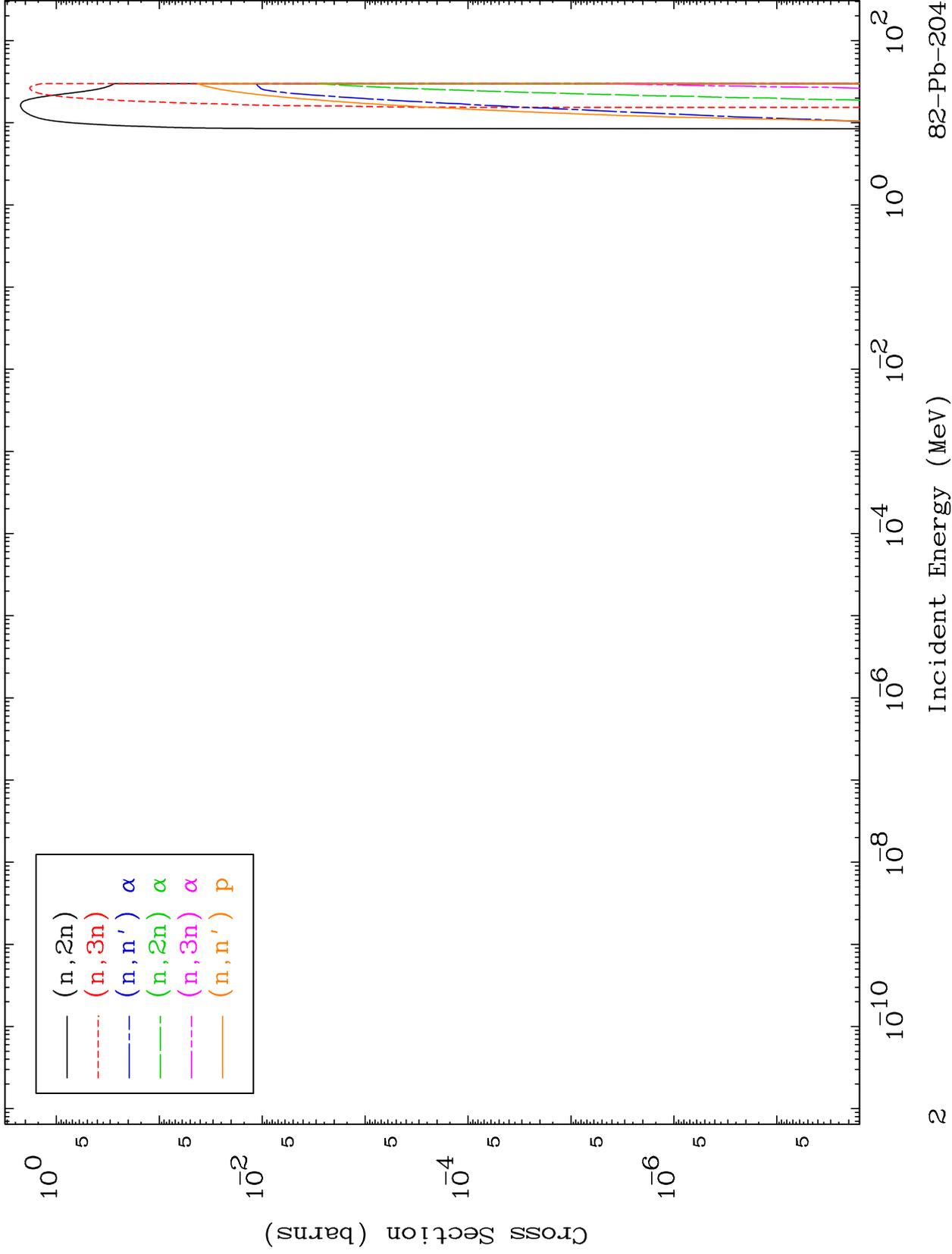
82-Pb-204

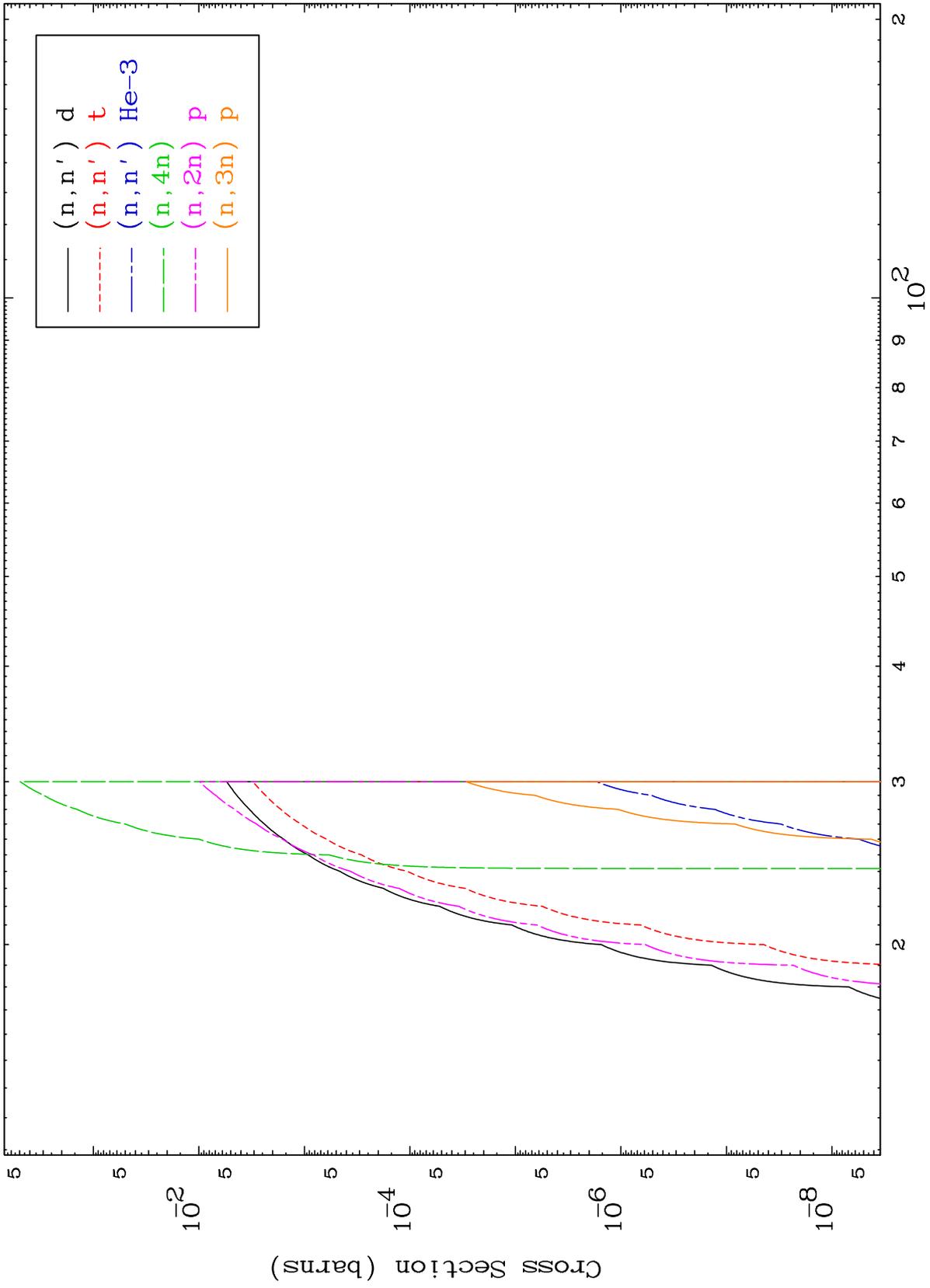


MAT 8225

Neutron Production
293 Kelvin Cross Sections

82-Pb-204

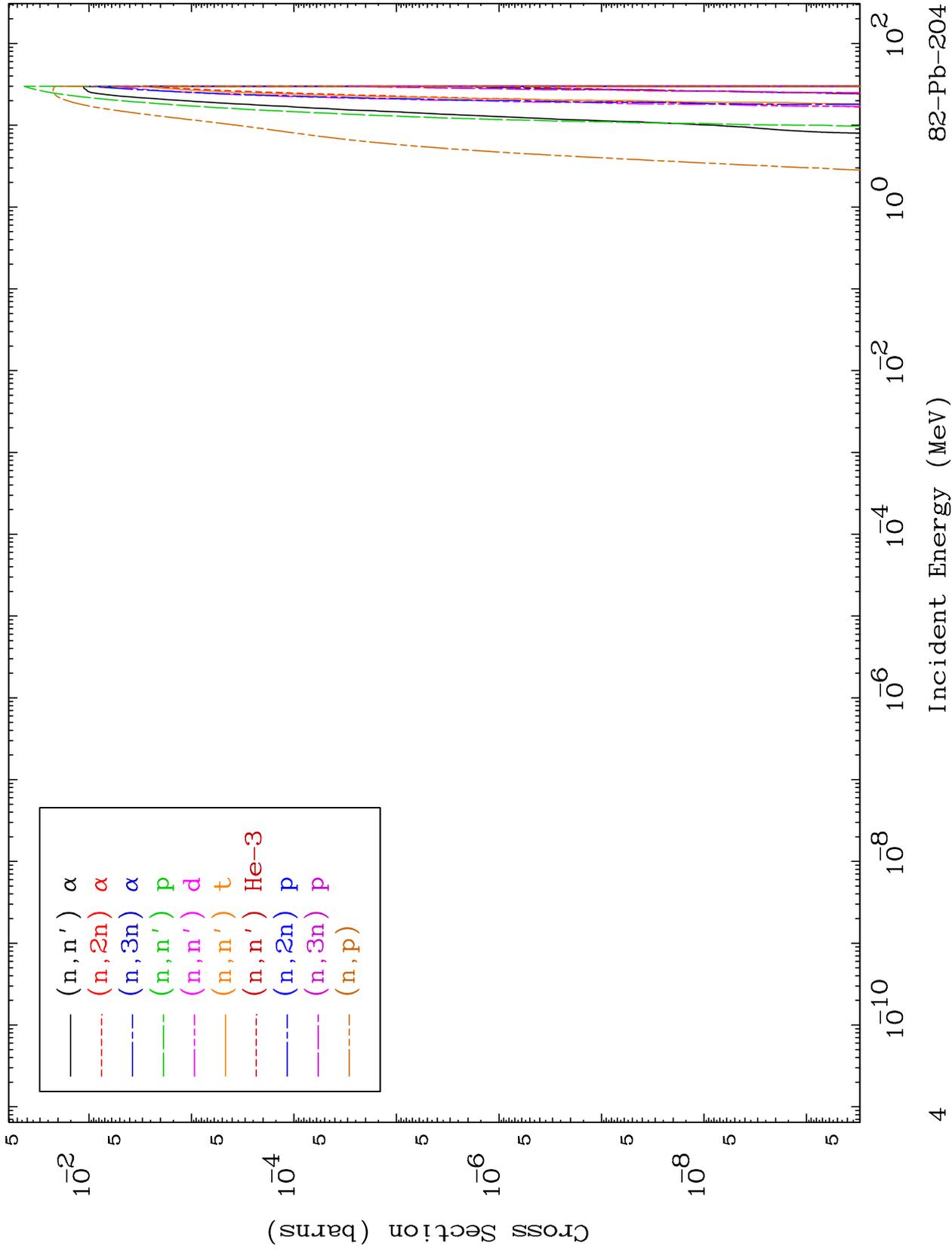




MAT 8225

Charged Particle
293 Kelvin Cross Sections

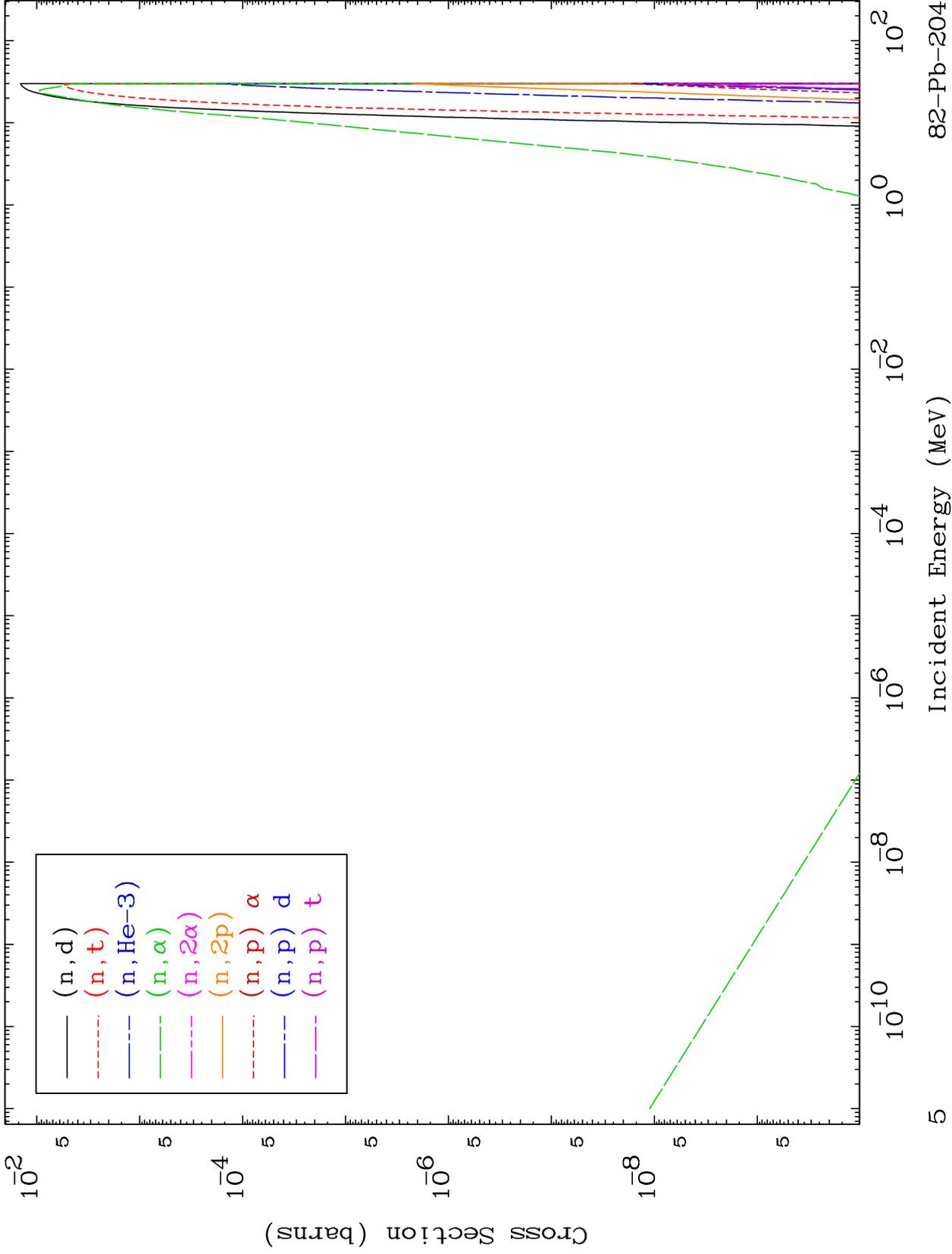
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MAT 8225

Charged Particle
293 Kelvin Cross Sections

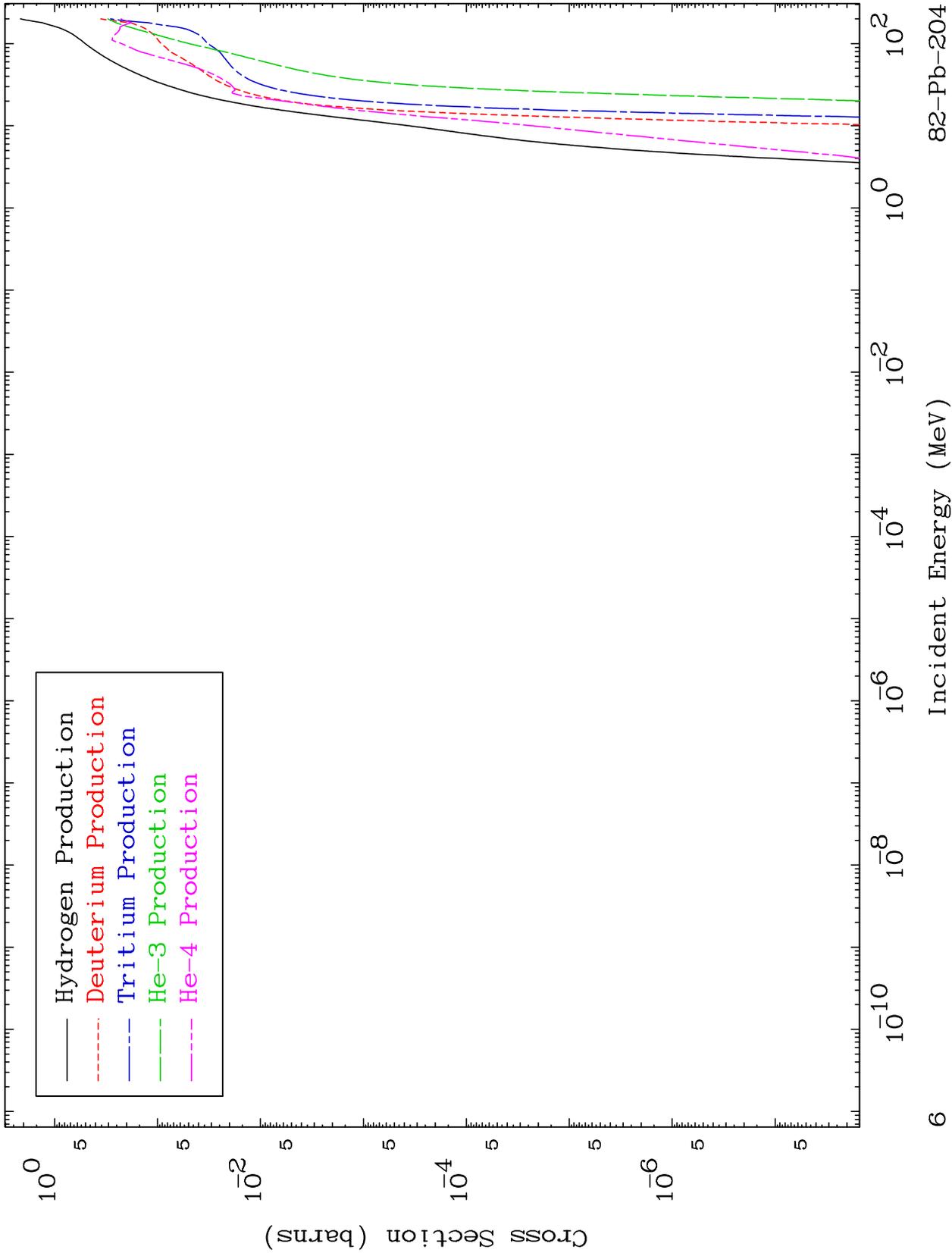
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MAT 8225

Particle Production
293 Kelvin Cross Sections

82-Pb-204

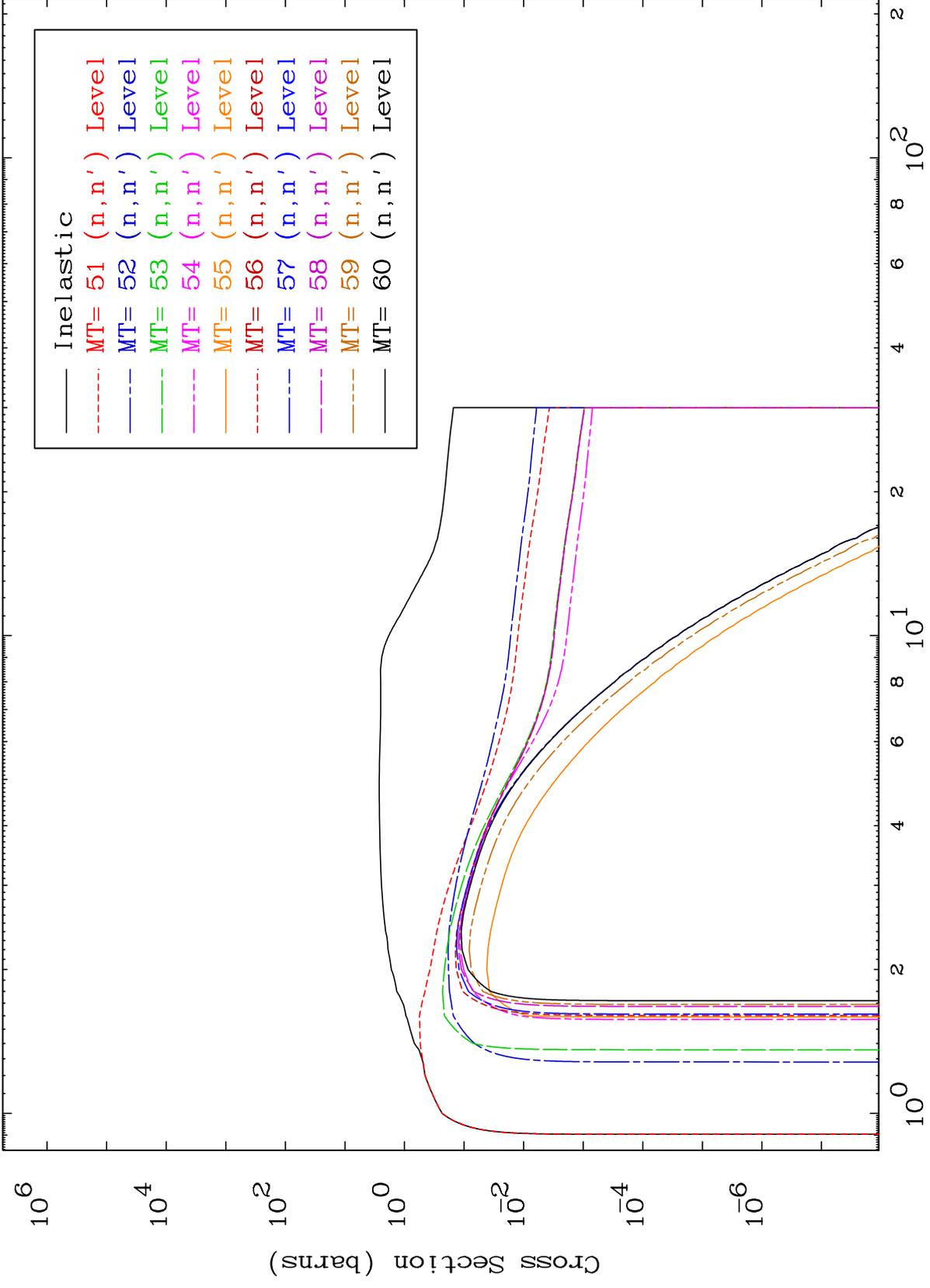


MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



—	Inelastic
- - -	MT= 51 (n,n') Level
- . -	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . -	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . -	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . -	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level
- . -	MT= 60 (n,n') Level

Incident Energy (MeV)

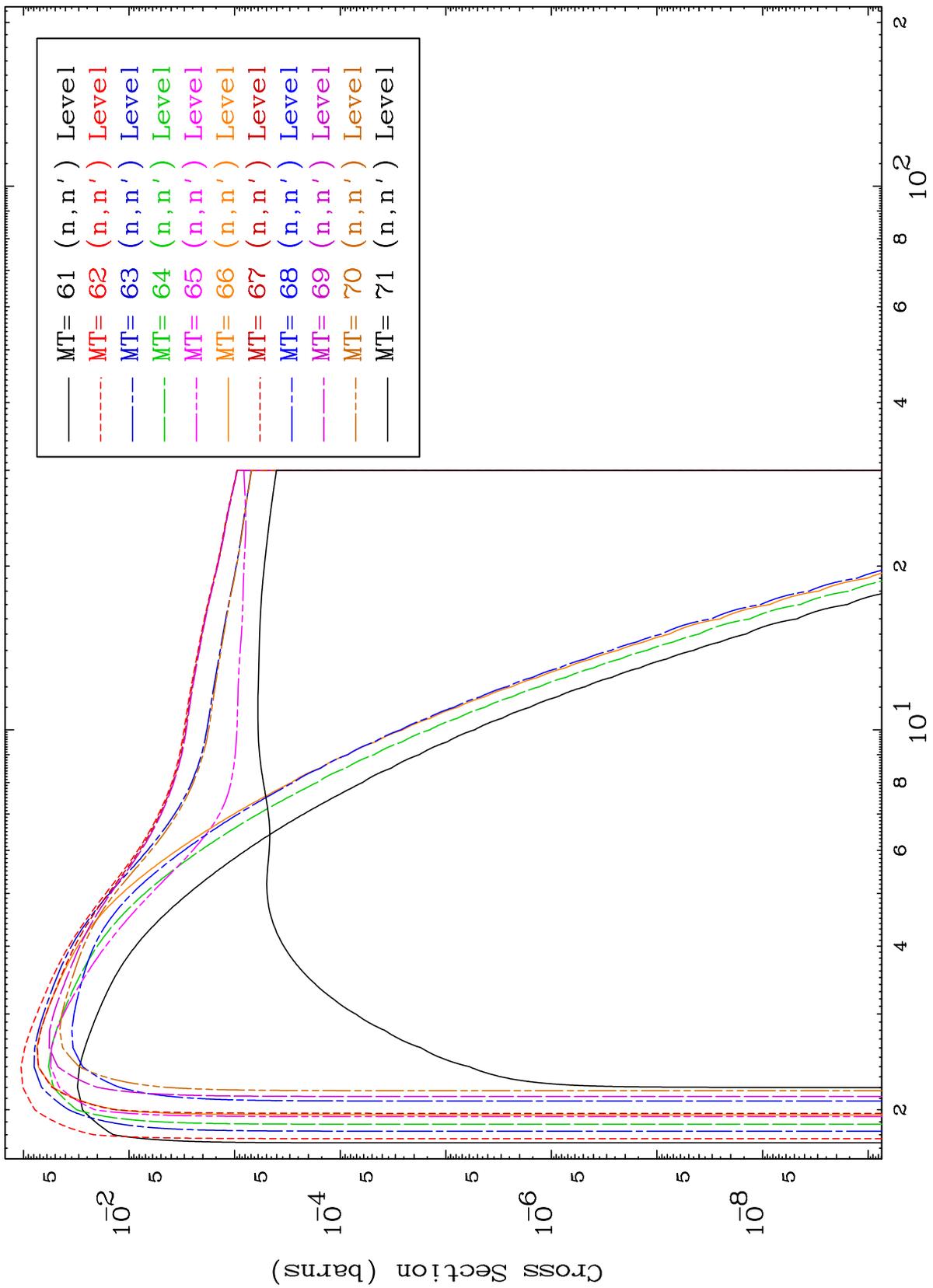
82-Pb-204

MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



8

Incident Energy (MeV)

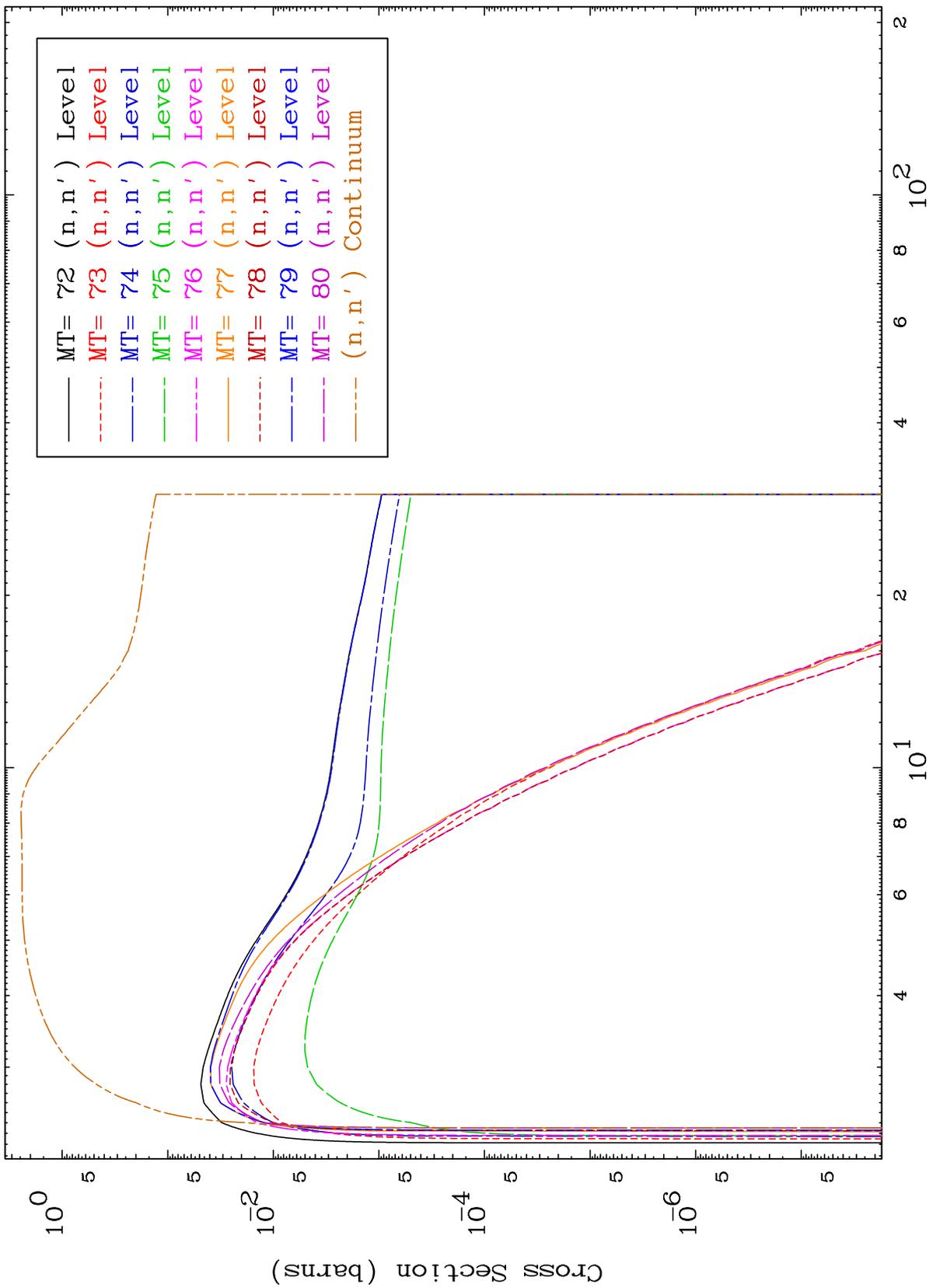
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MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



9

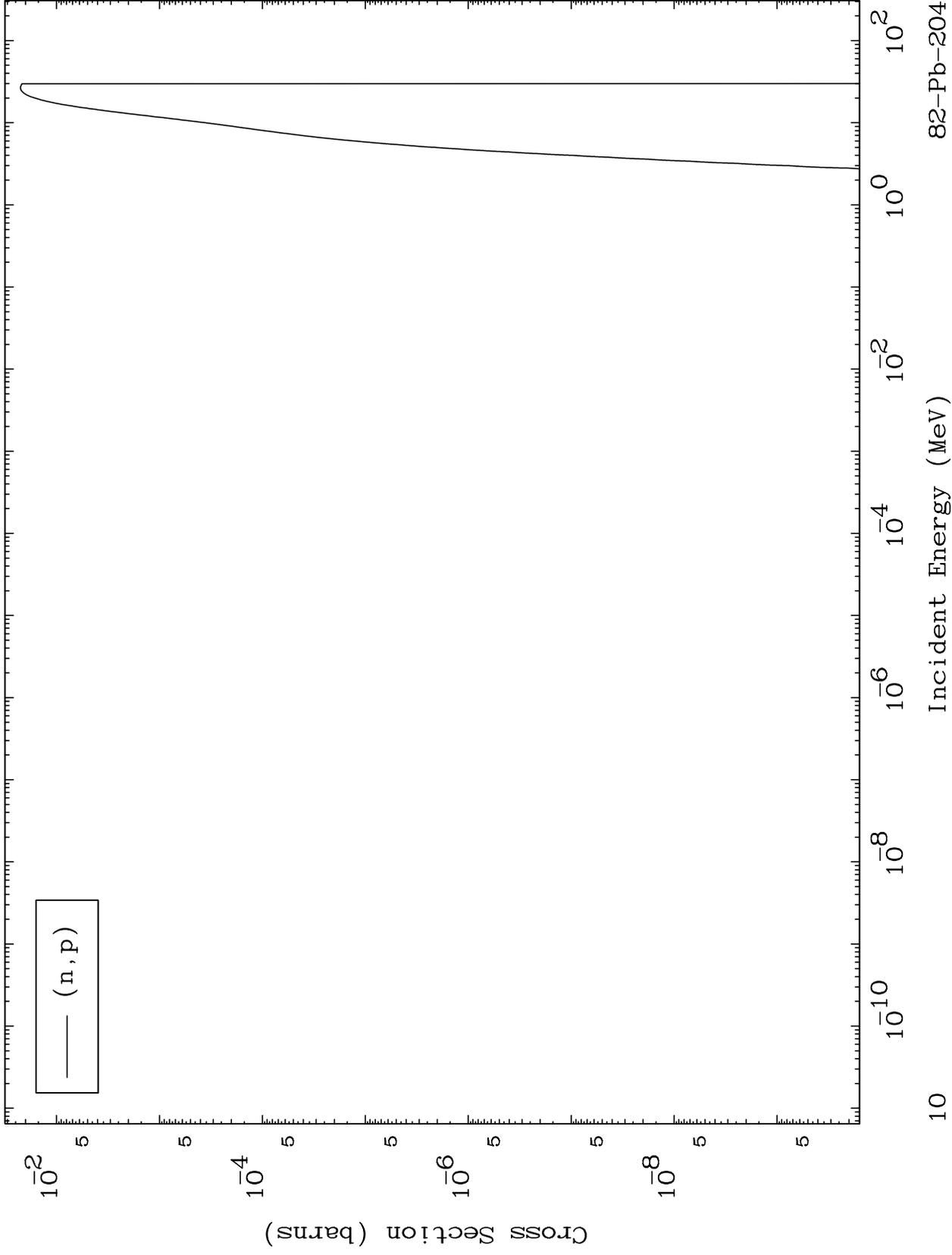
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,p) Levels
293 Kelvin Cross Sections

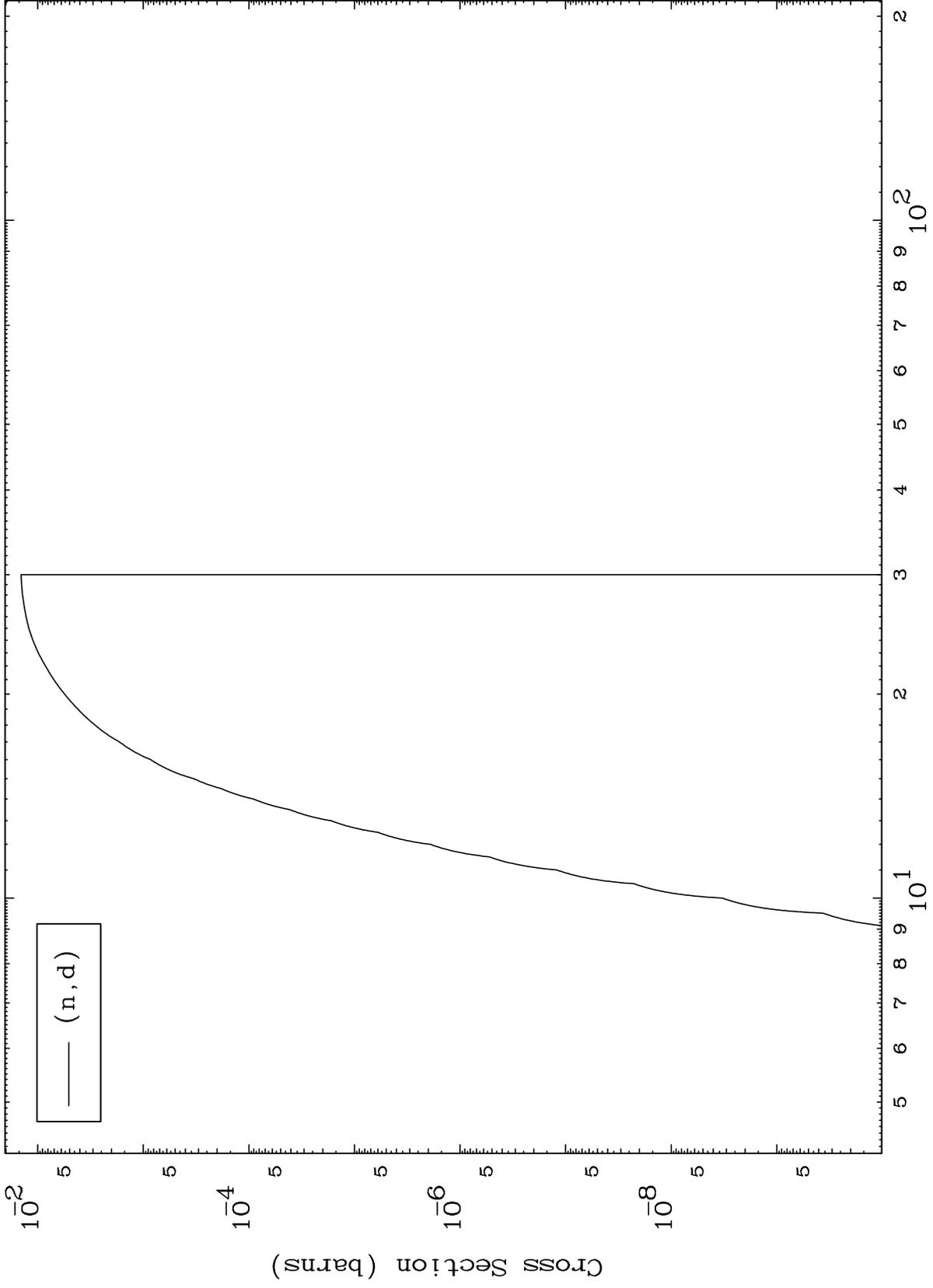
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MAT 8225

(n,d) Levels
293 Kelvin Cross Sections

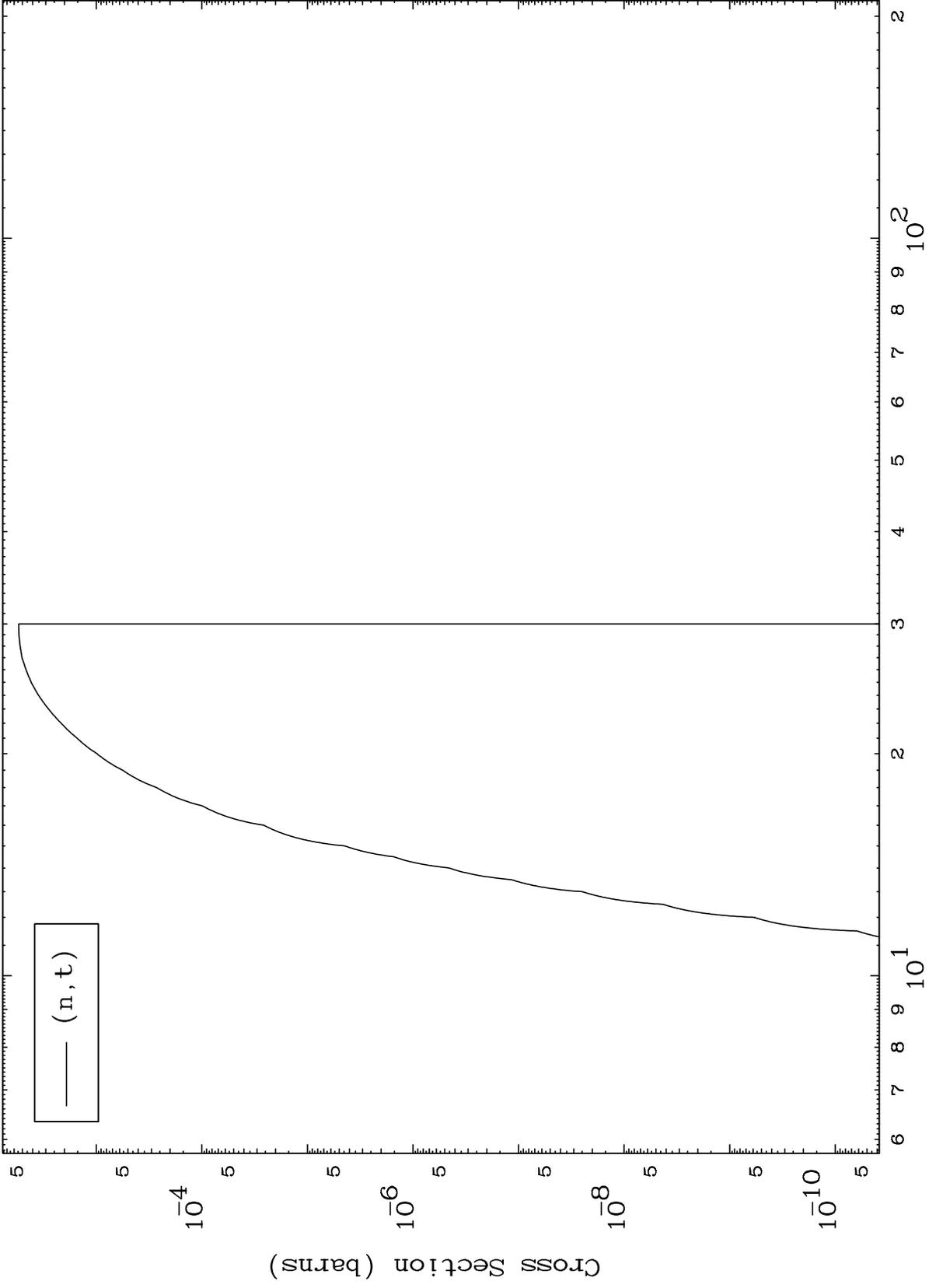
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MAT 8225

(n, t) Levels
293 Kelvin Cross Sections

82-Pb-204



12

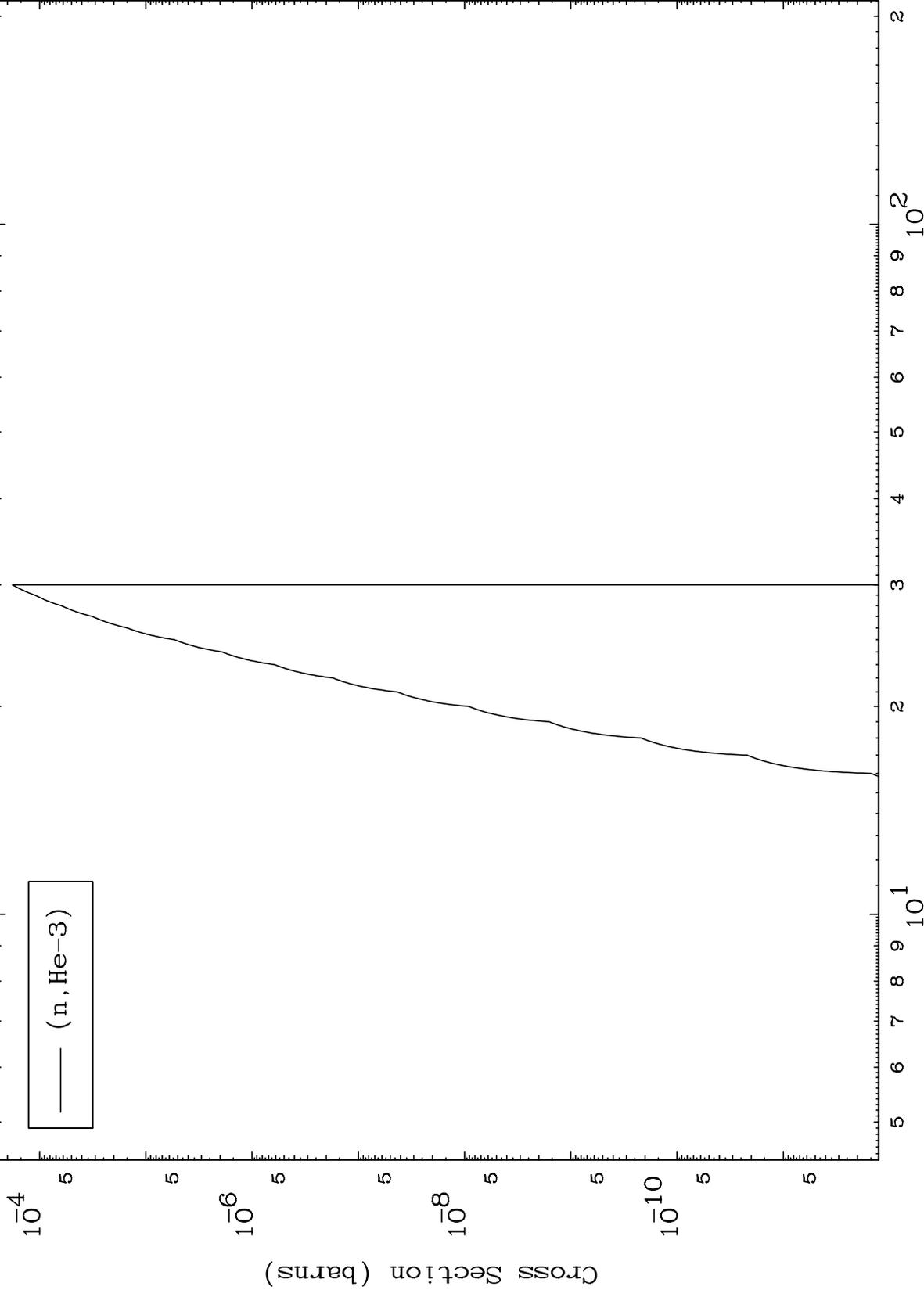
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,He3) Levels
293 Kelvin Cross Sections

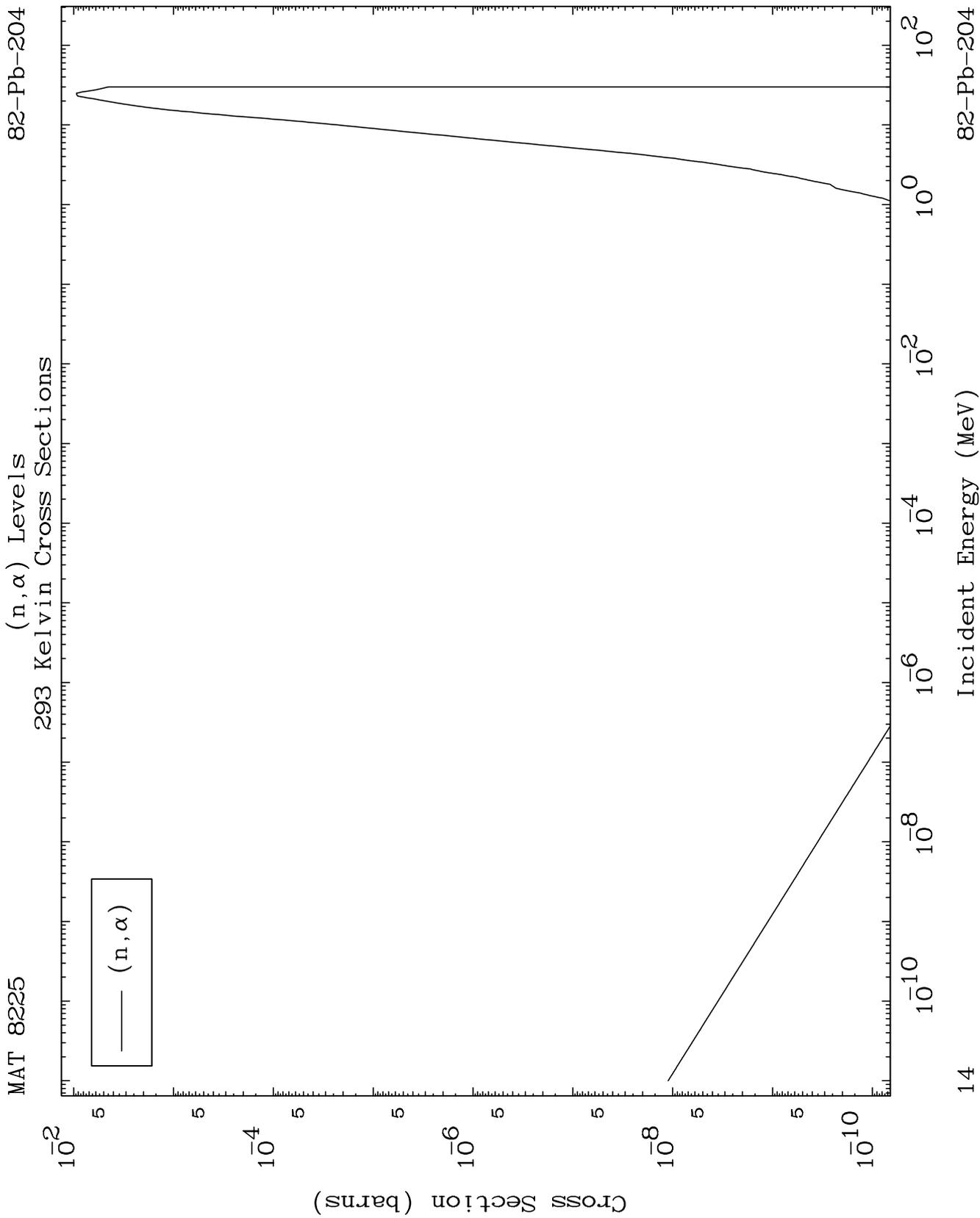
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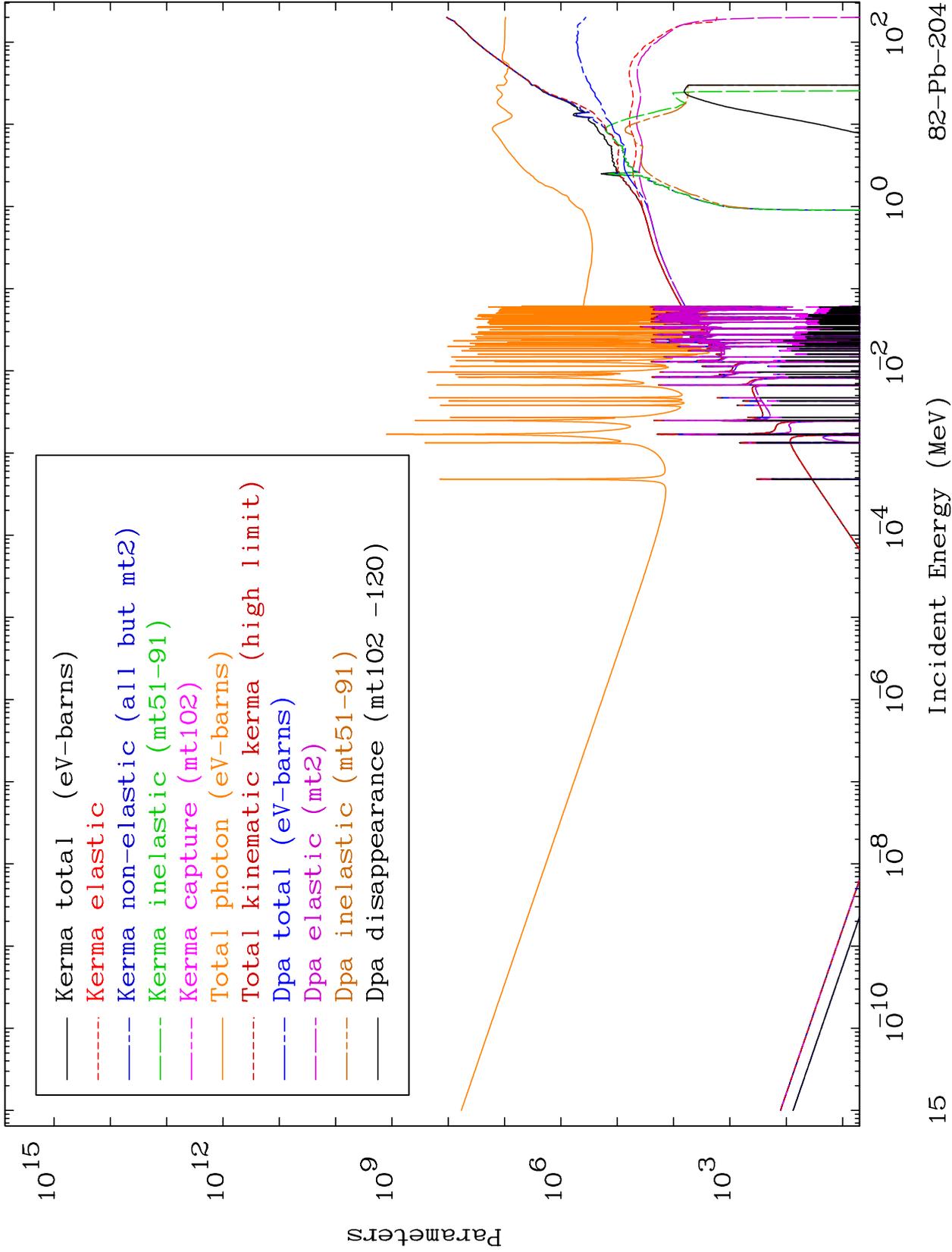


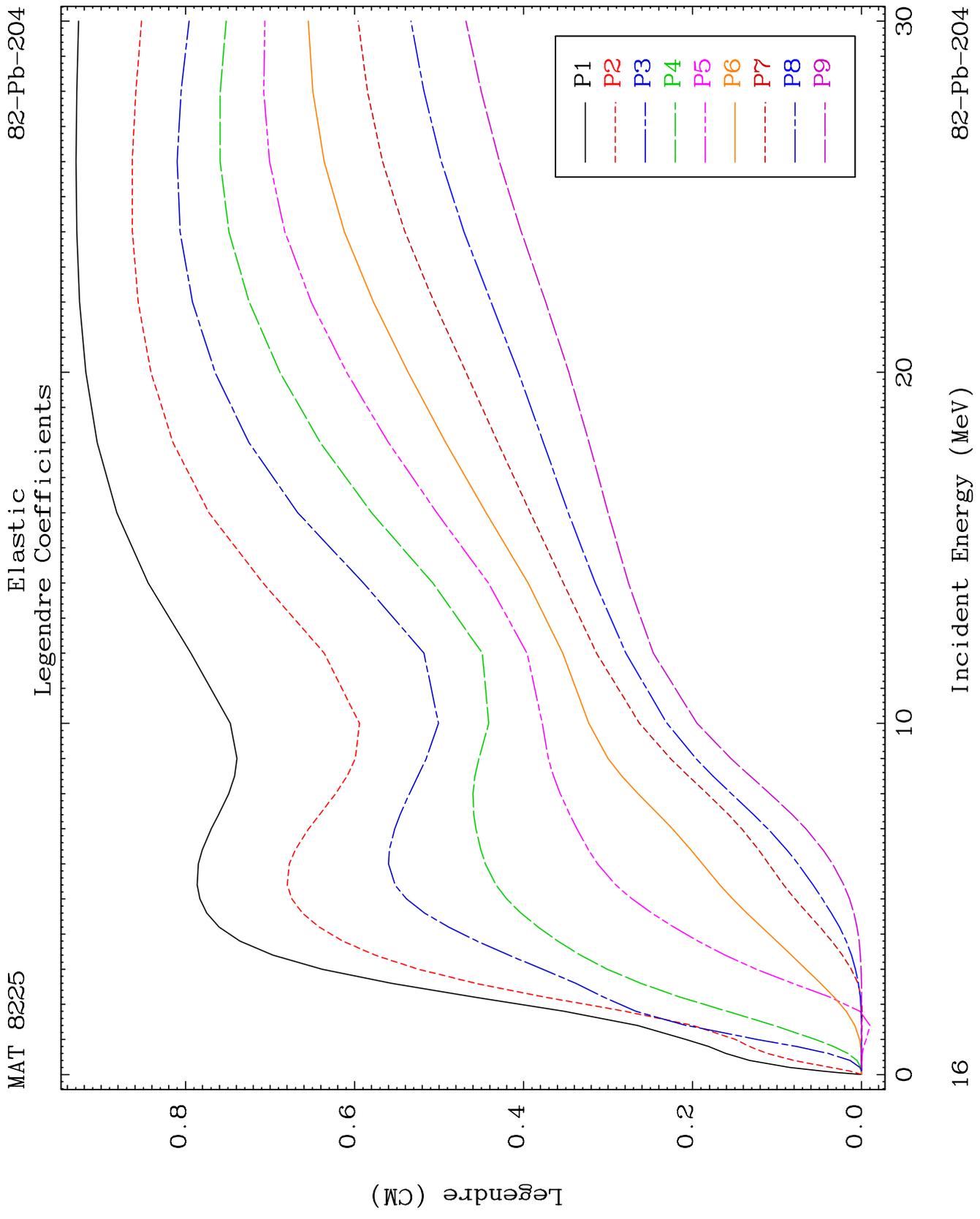
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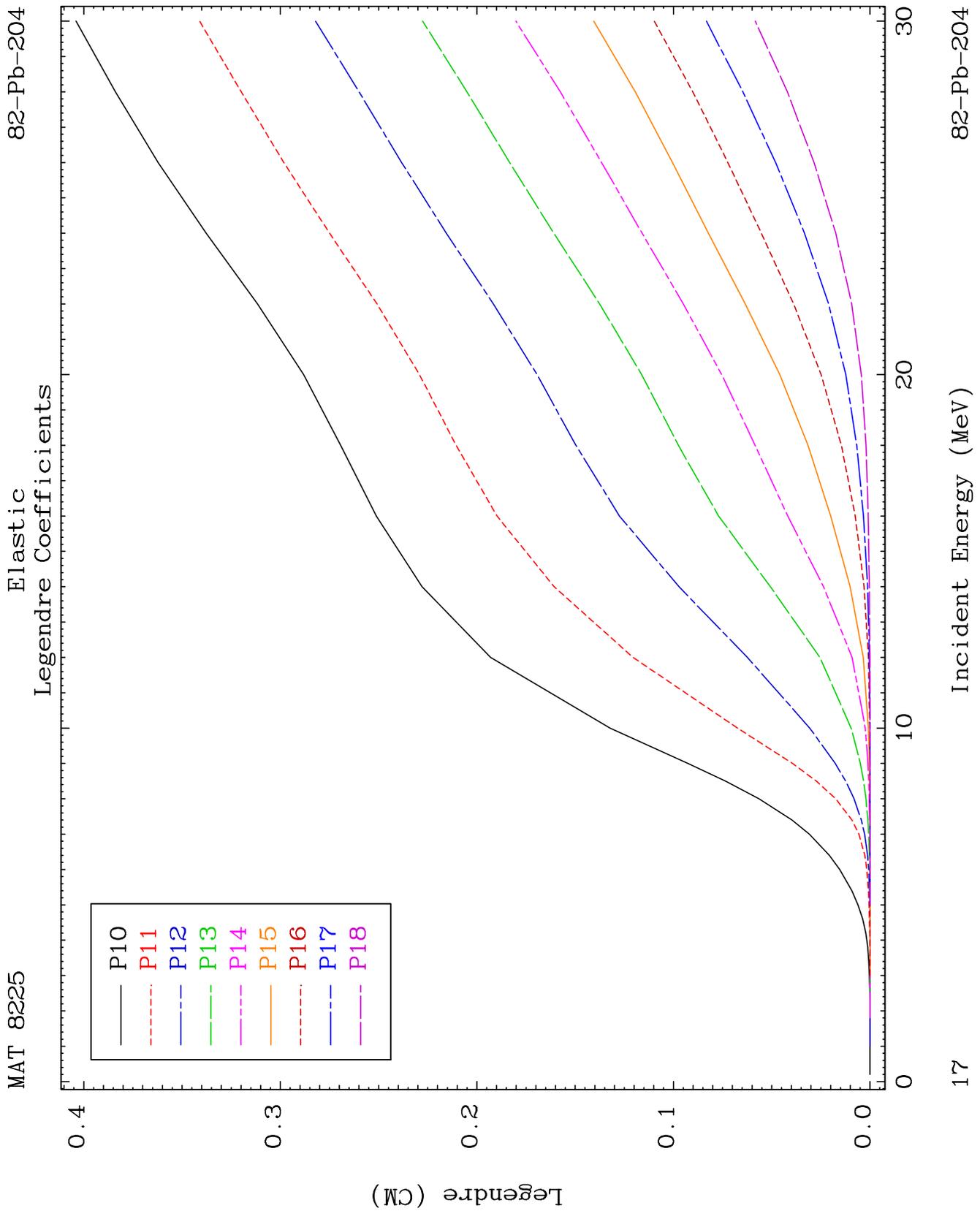
Incident Energy (MeV)

82-Pb-204





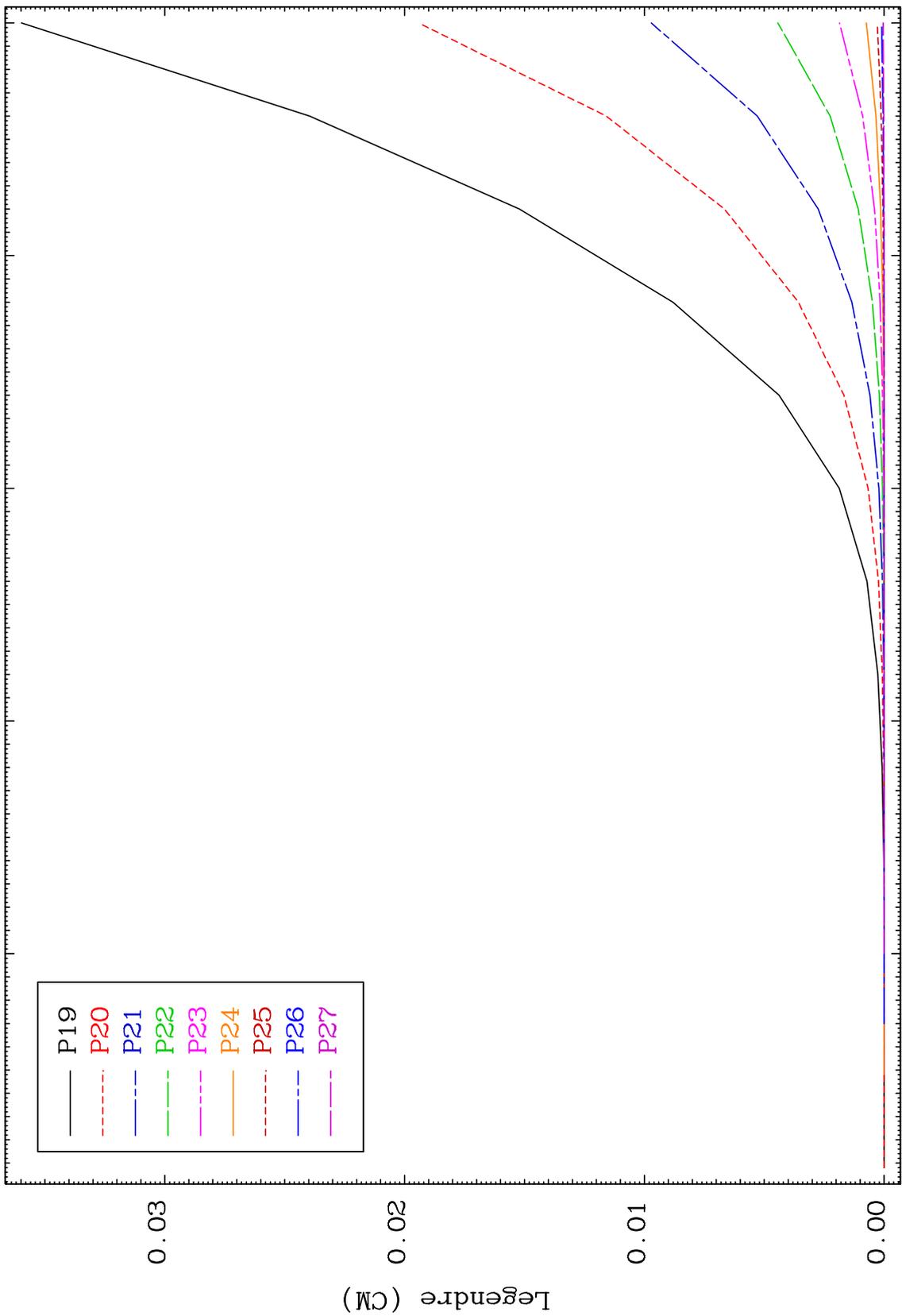




MAT 8225

Elastic
Legendre Coefficients

82-Pb-204



18

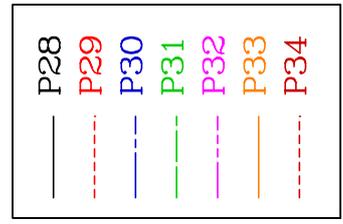
Incident Energy (MeV)

82-Pb-204

MAT 8225

Elastic Legendre Coefficients

82-Pb-204



$\times 10^{-5}$

Legendre (CM)

10

15

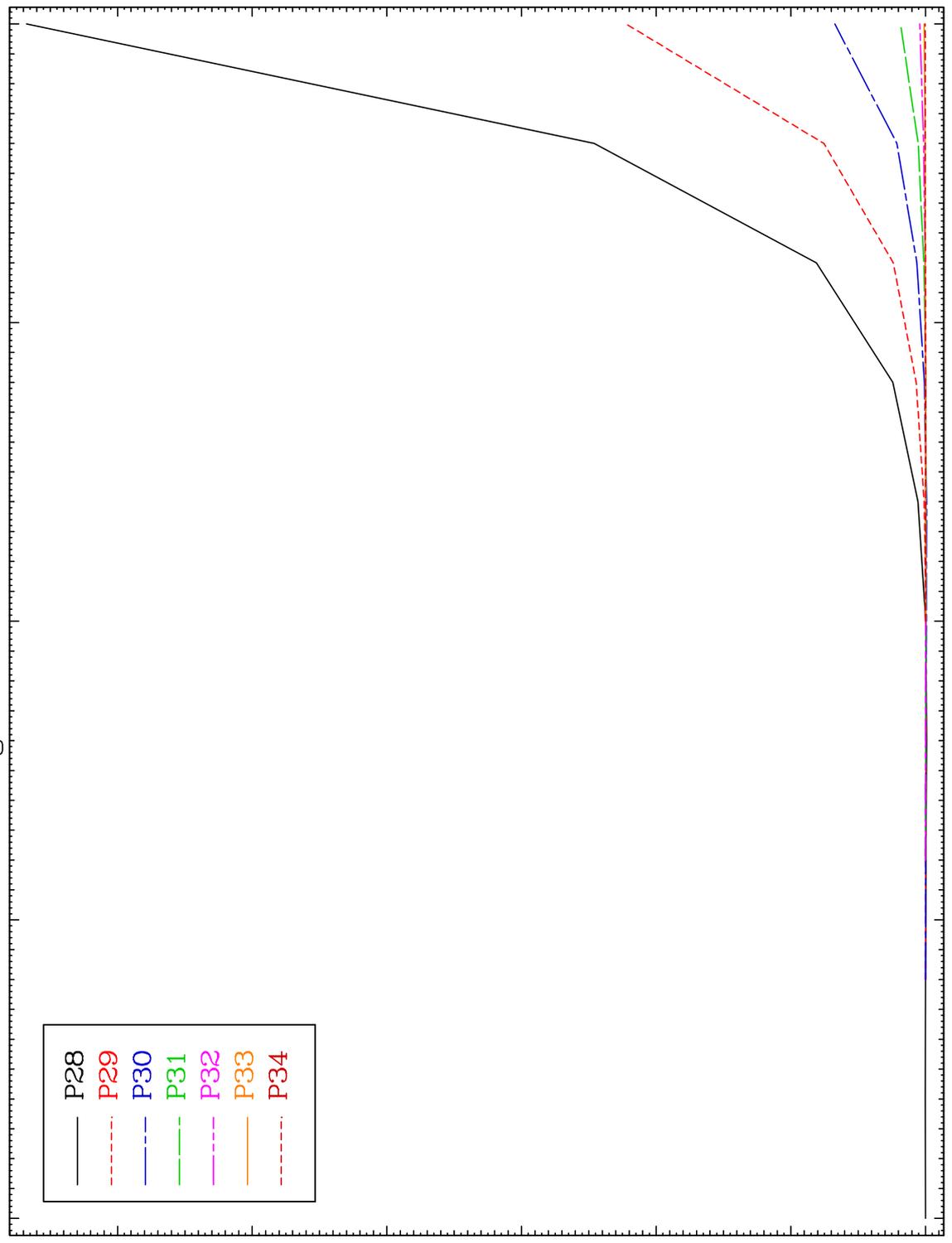
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25

30

Incident Energy (MeV)

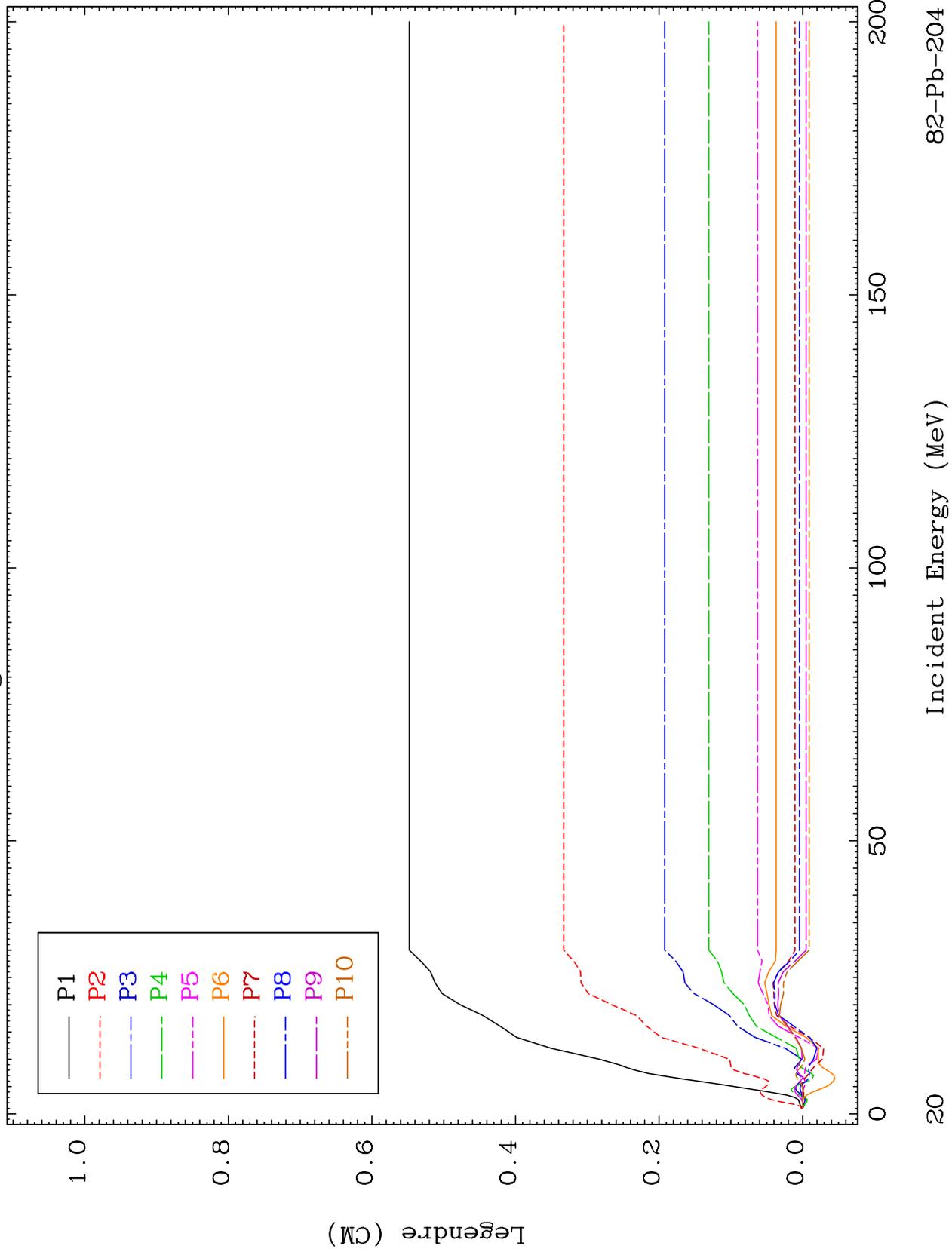
82-Pb-204



MAT 8225

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

82-Pb-204



82-Pb-204

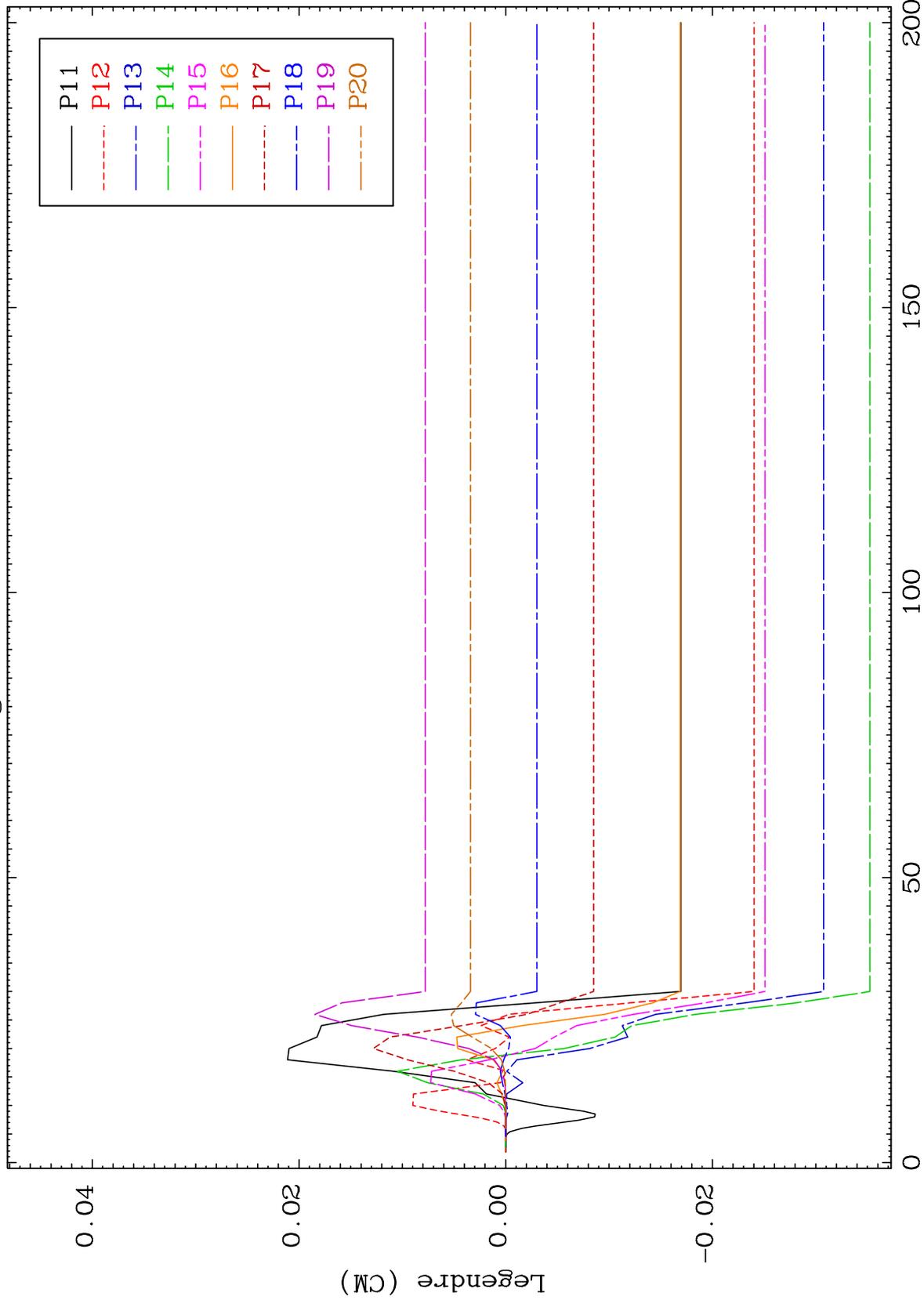
Incident Energy (MeV)

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MAT 8225

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

82-Pb-204



21

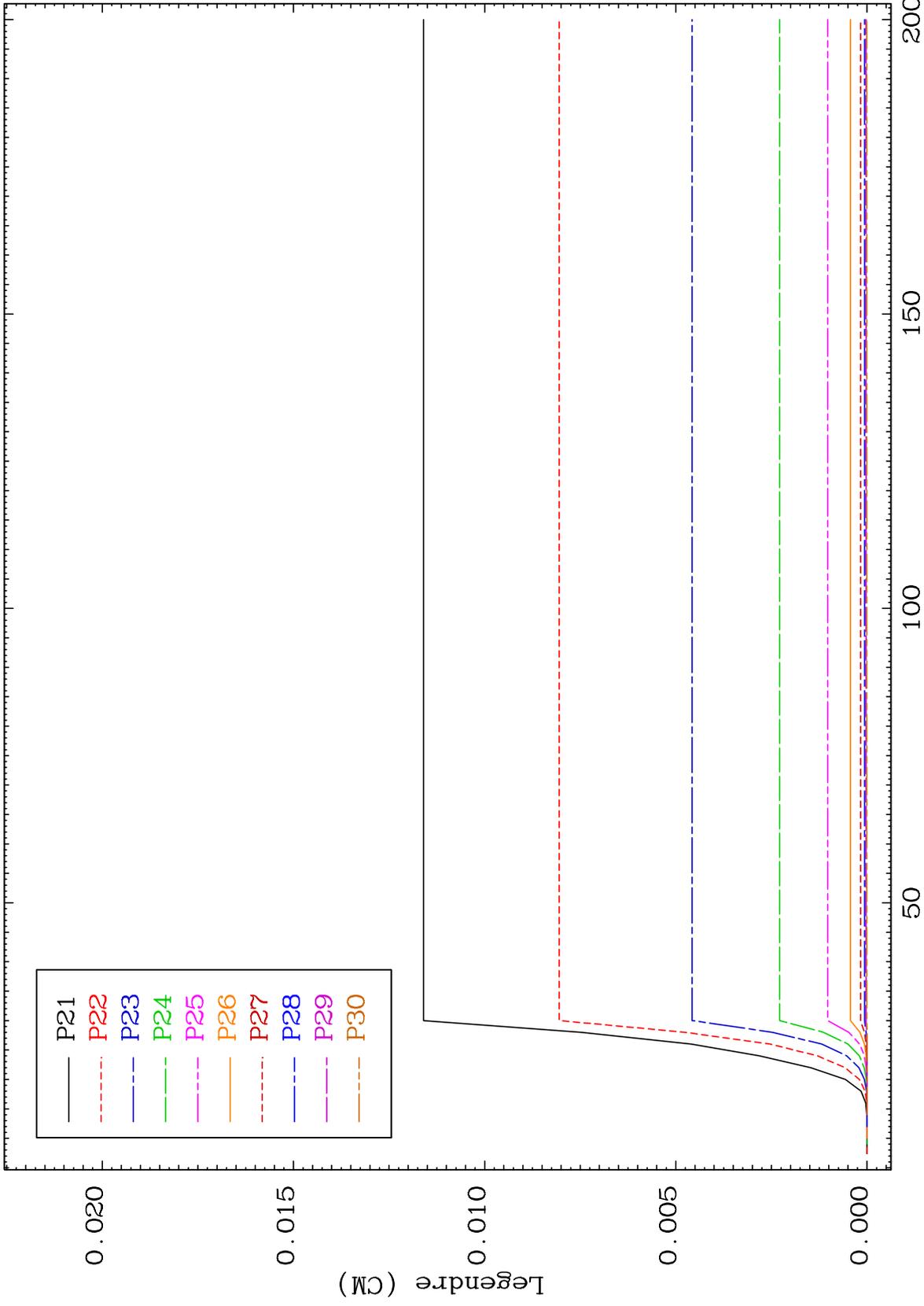
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



22

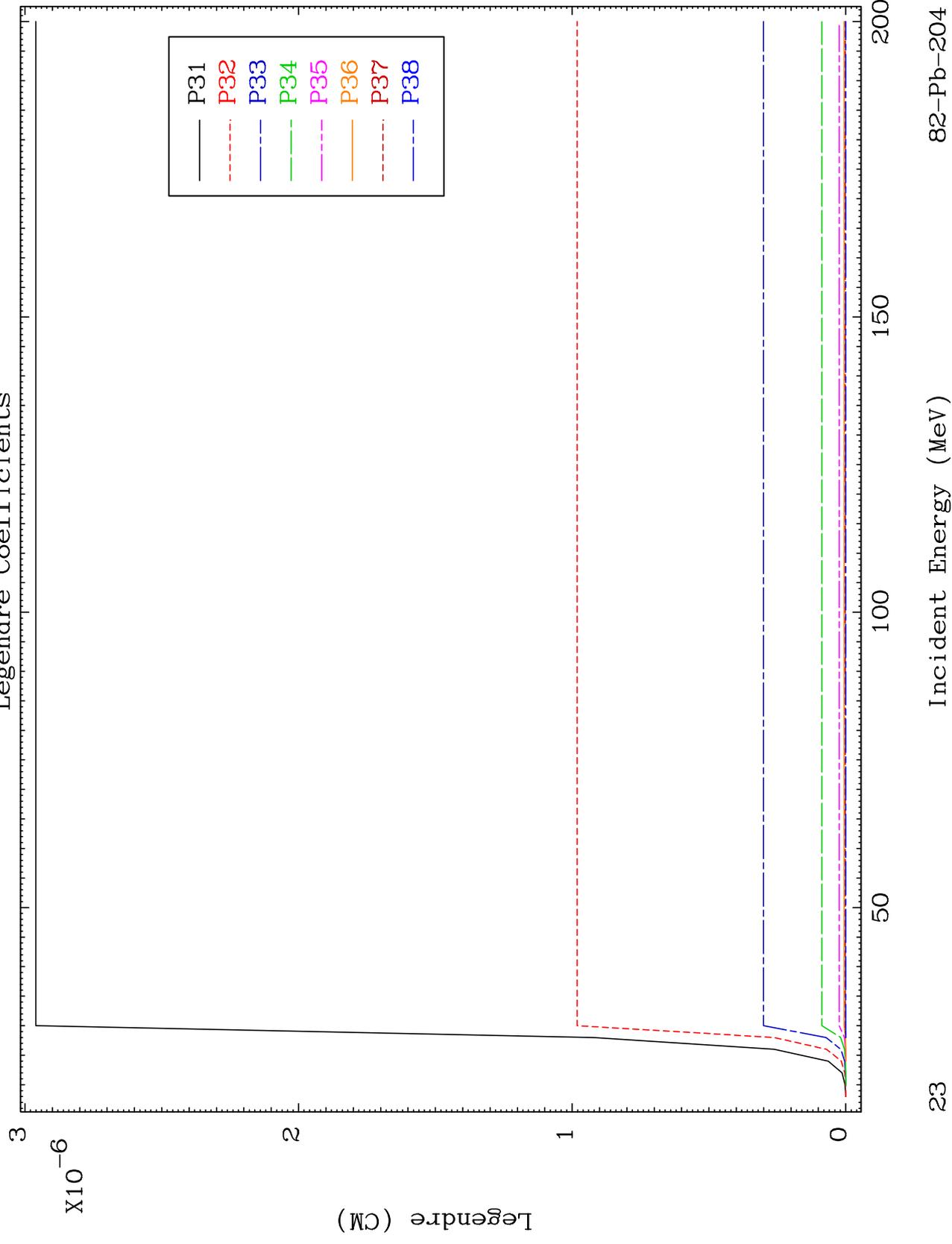
Incident Energy (MeV)

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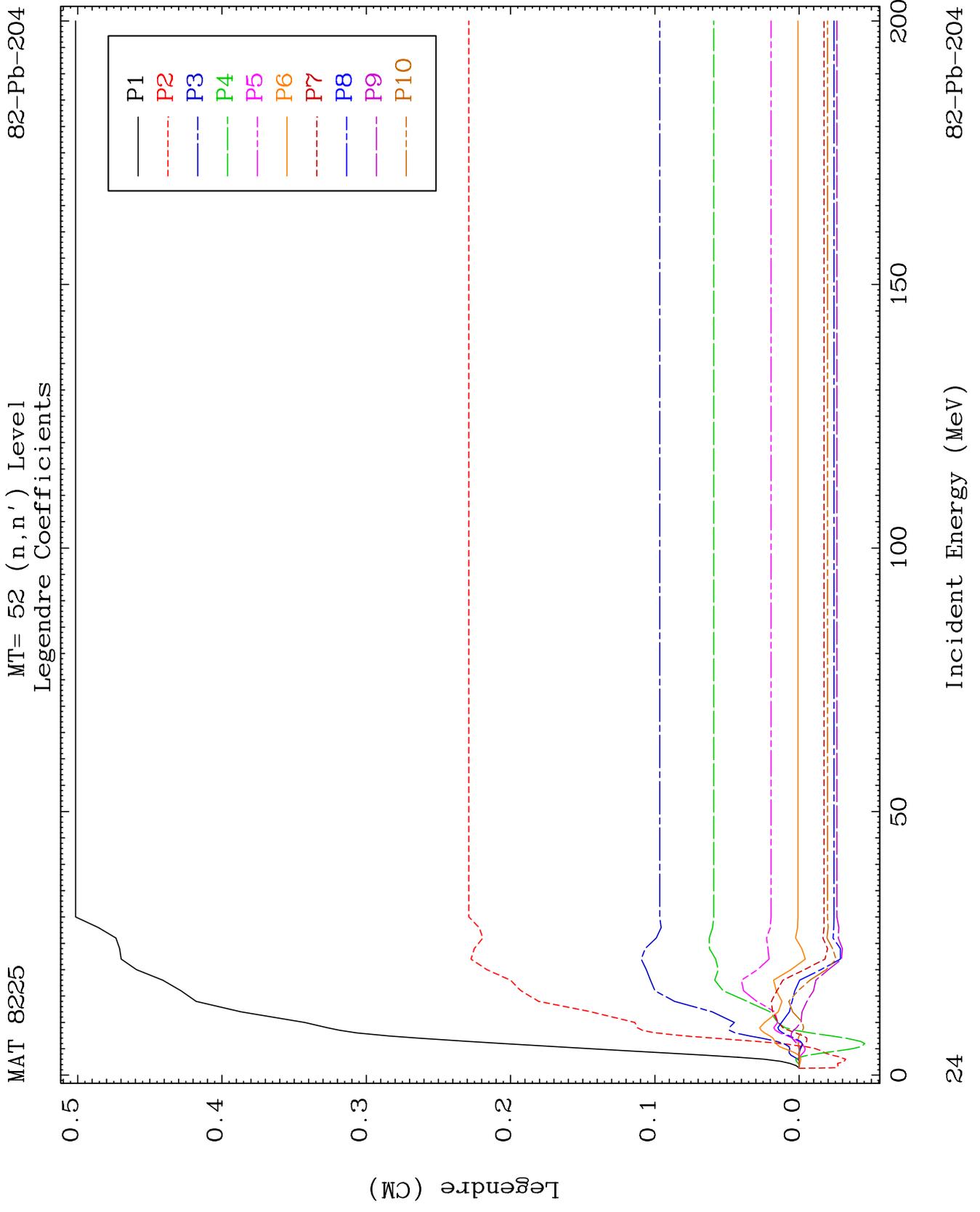
MAT 8225

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

82-Pb-204



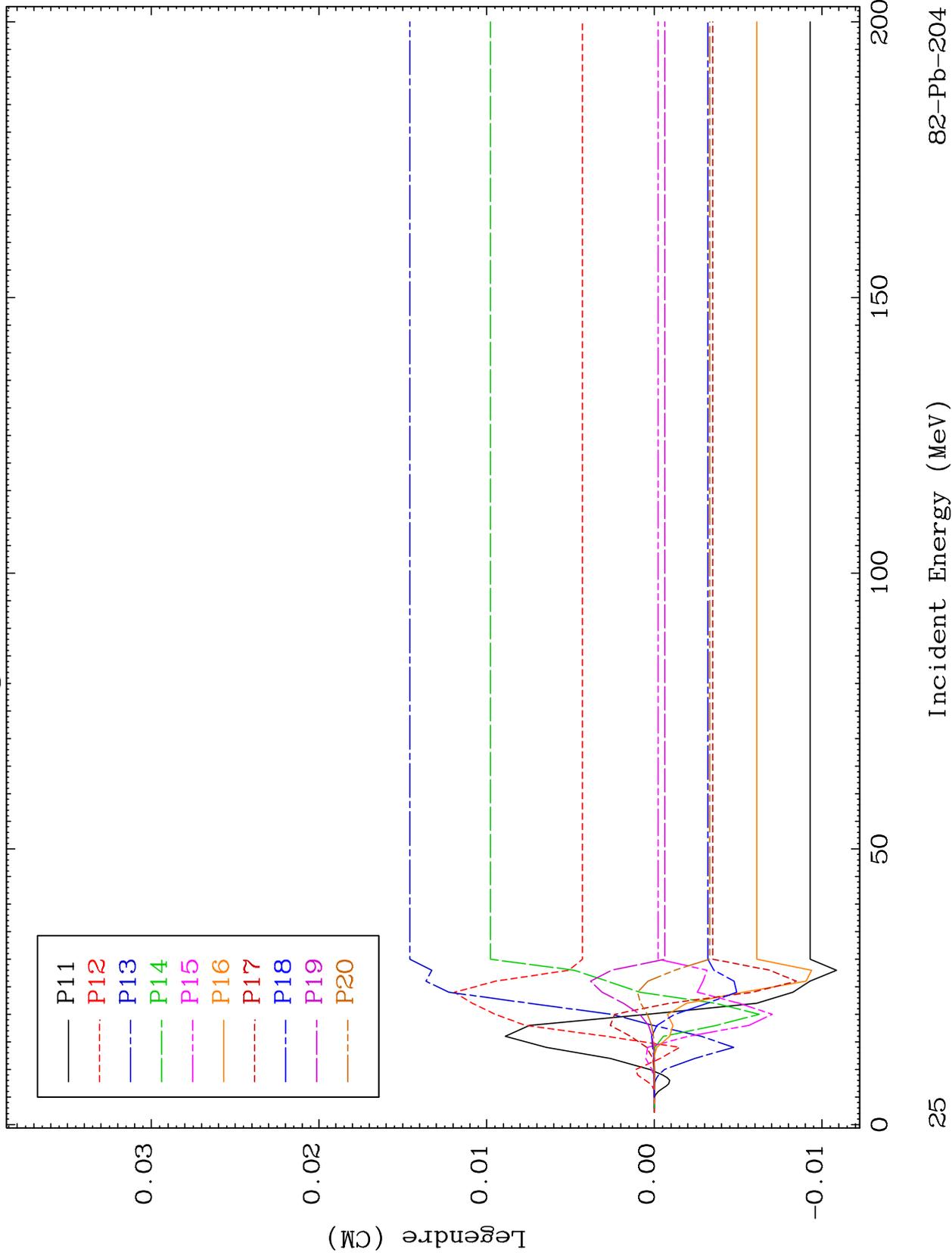
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MAT 8225

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

82-Pb-204



82-Pb-204

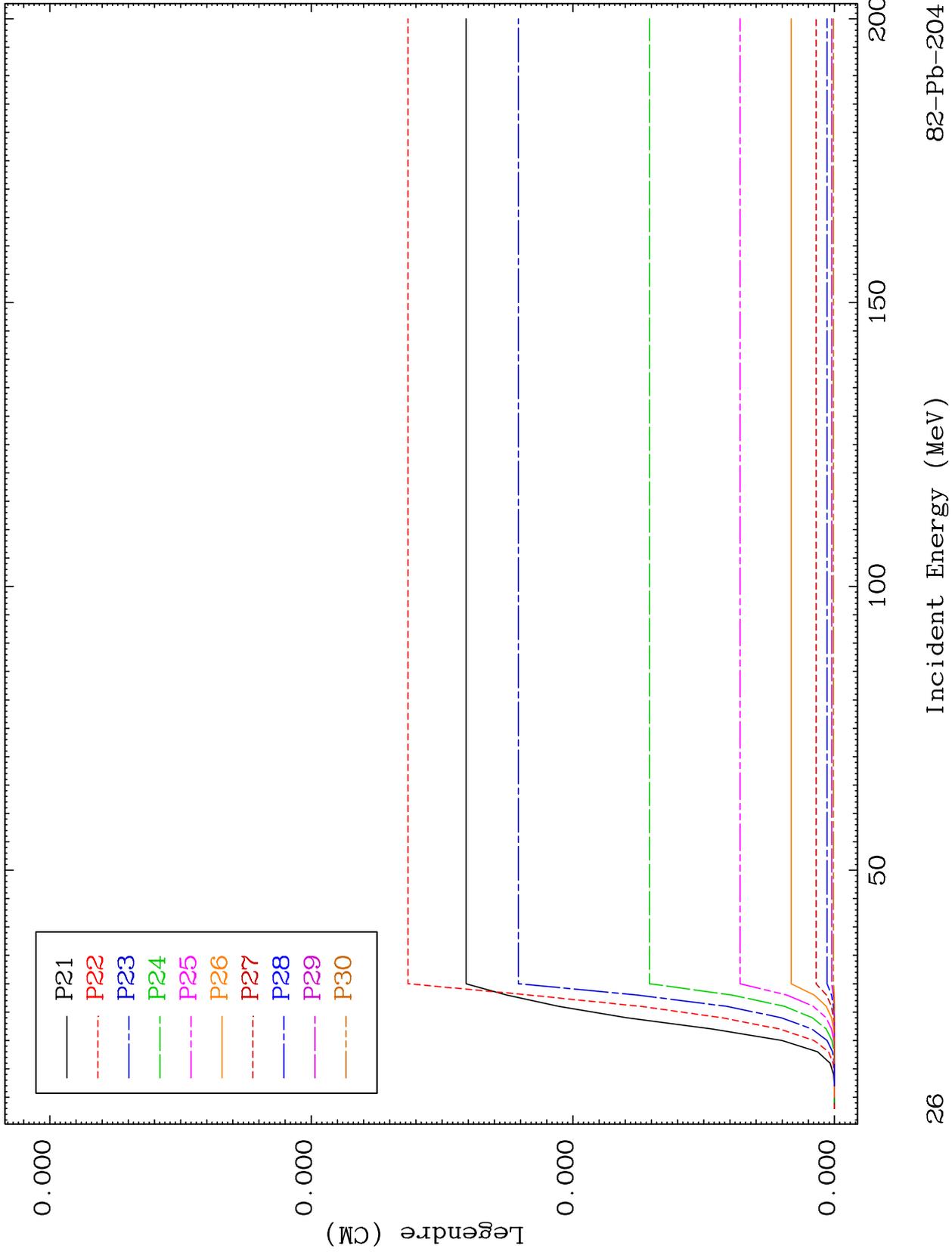
Incident Energy (MeV)

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MAT 8225

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

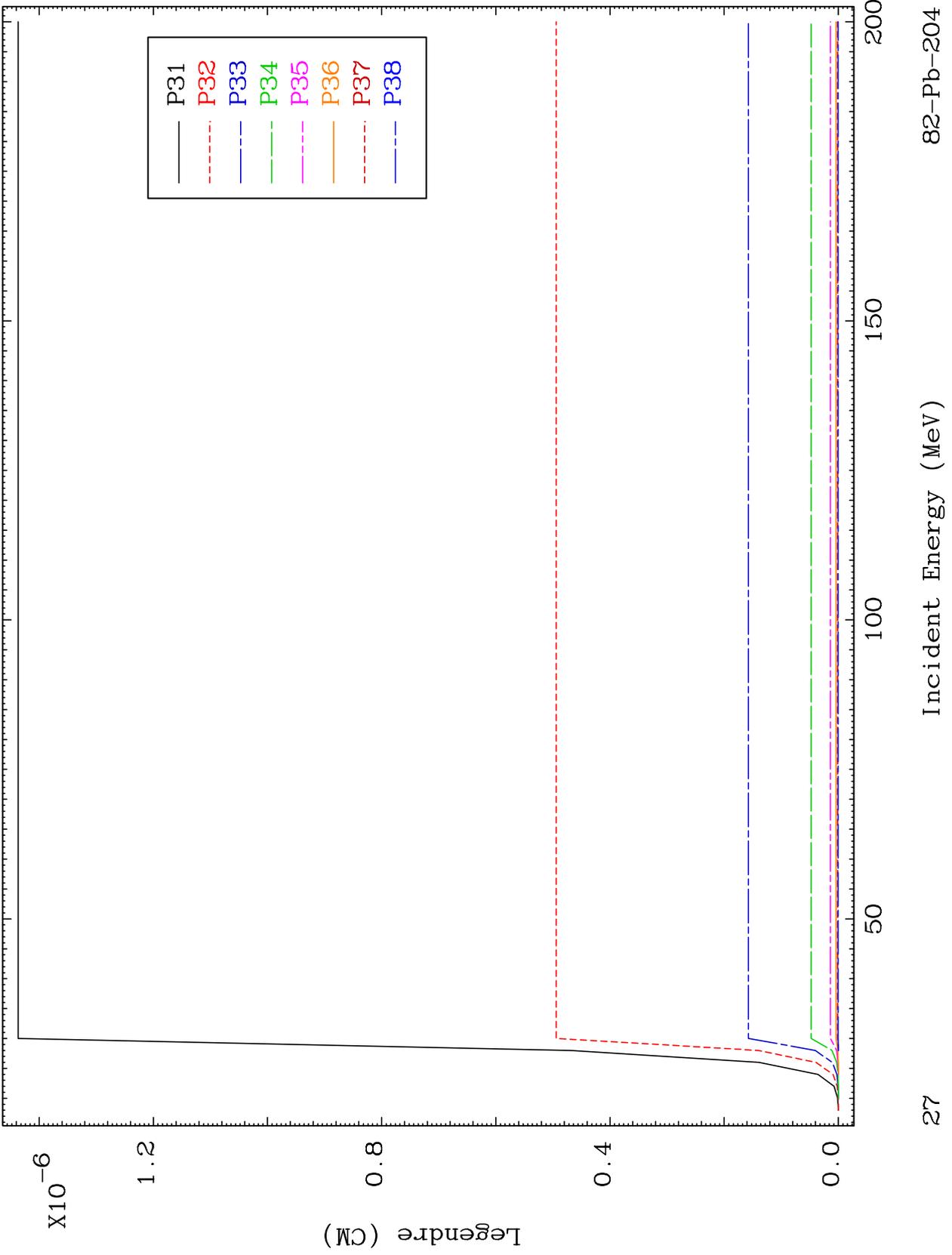
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MAT 8225

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

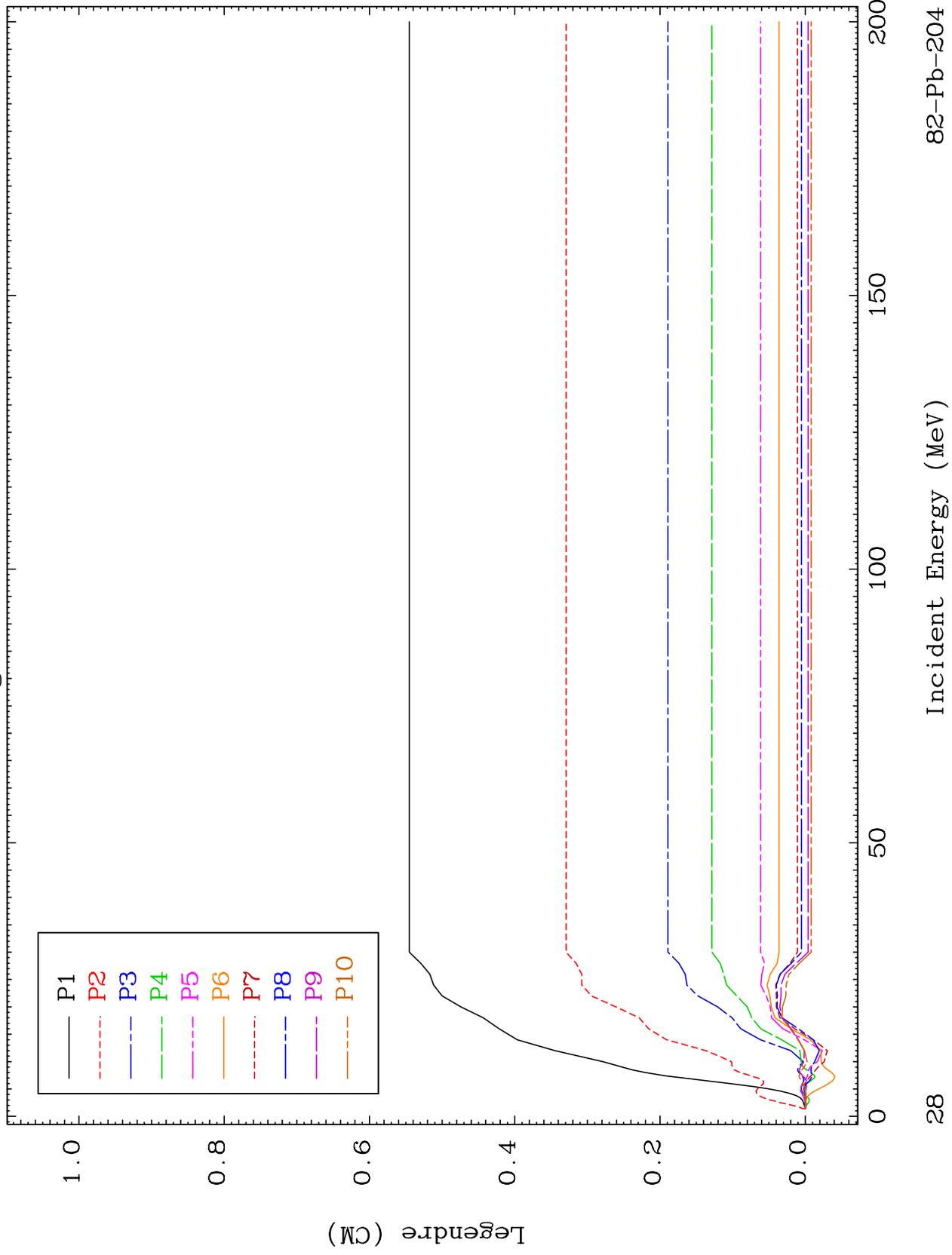
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MAT 8225

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

82-Pb-204



82-Pb-204

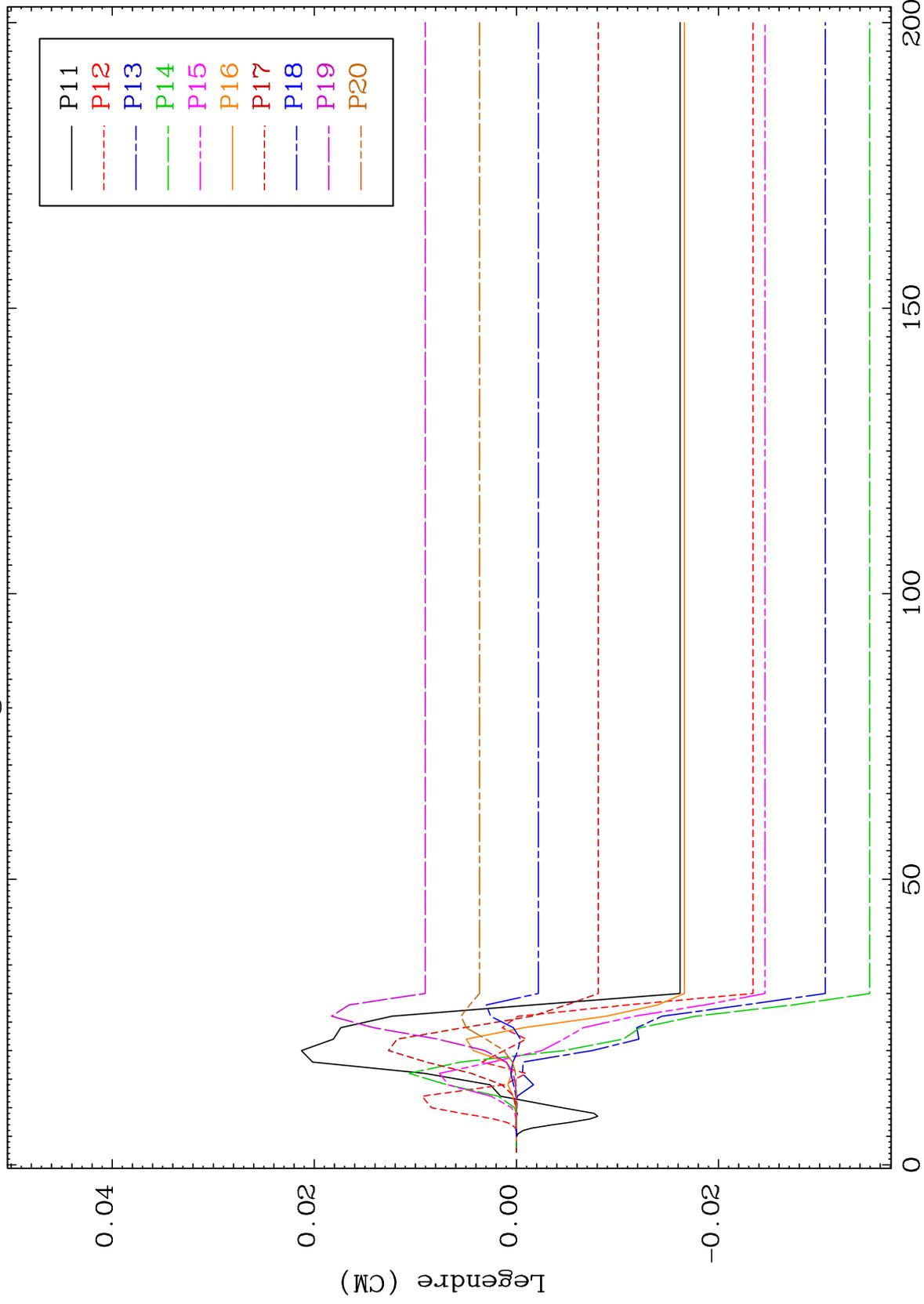
Incident Energy (MeV)

28

MAT 8225

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

82-Pb-204



29

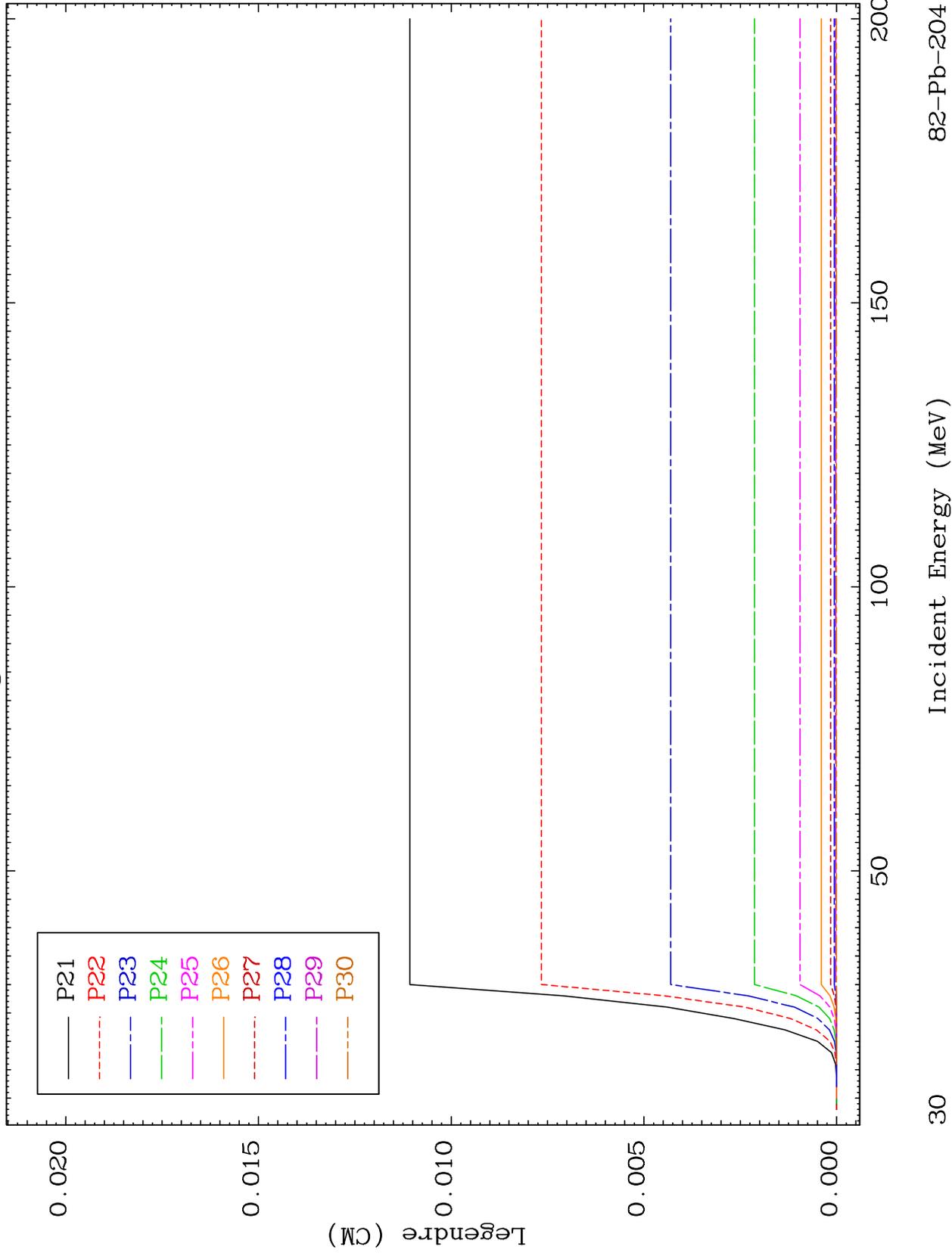
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



82-Pb-204

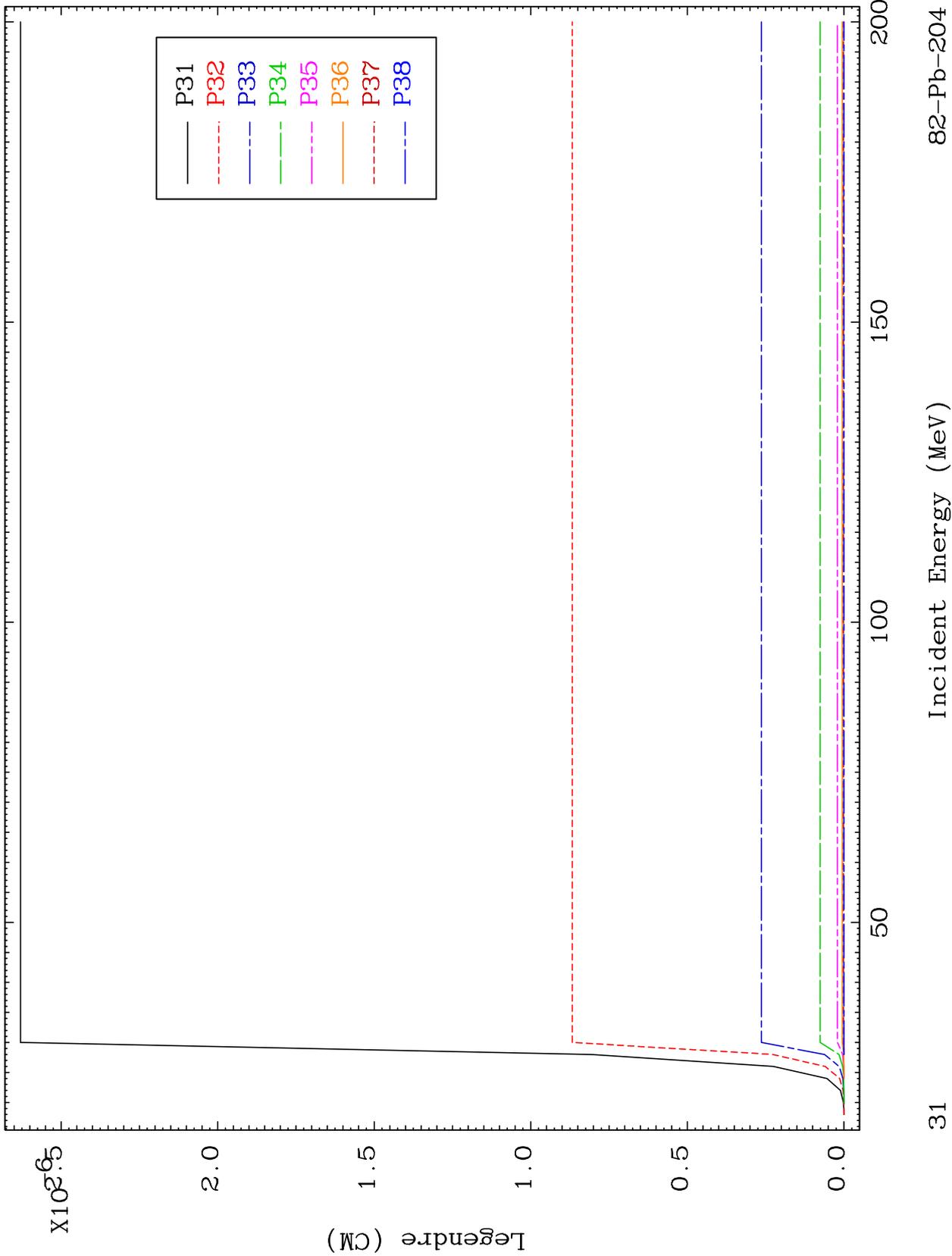
Incident Energy (MeV)

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MAT 8225

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

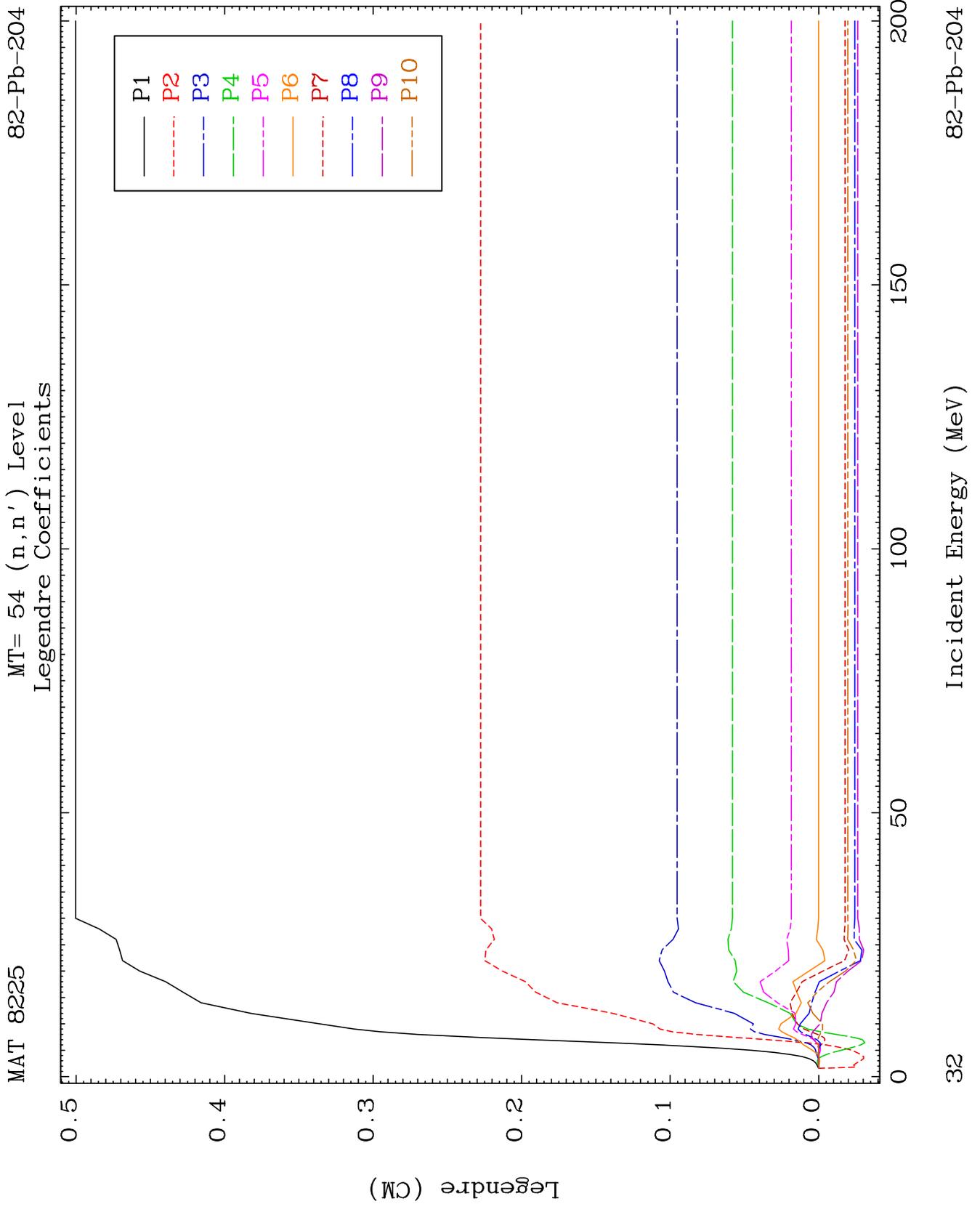
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31

Incident Energy (MeV)

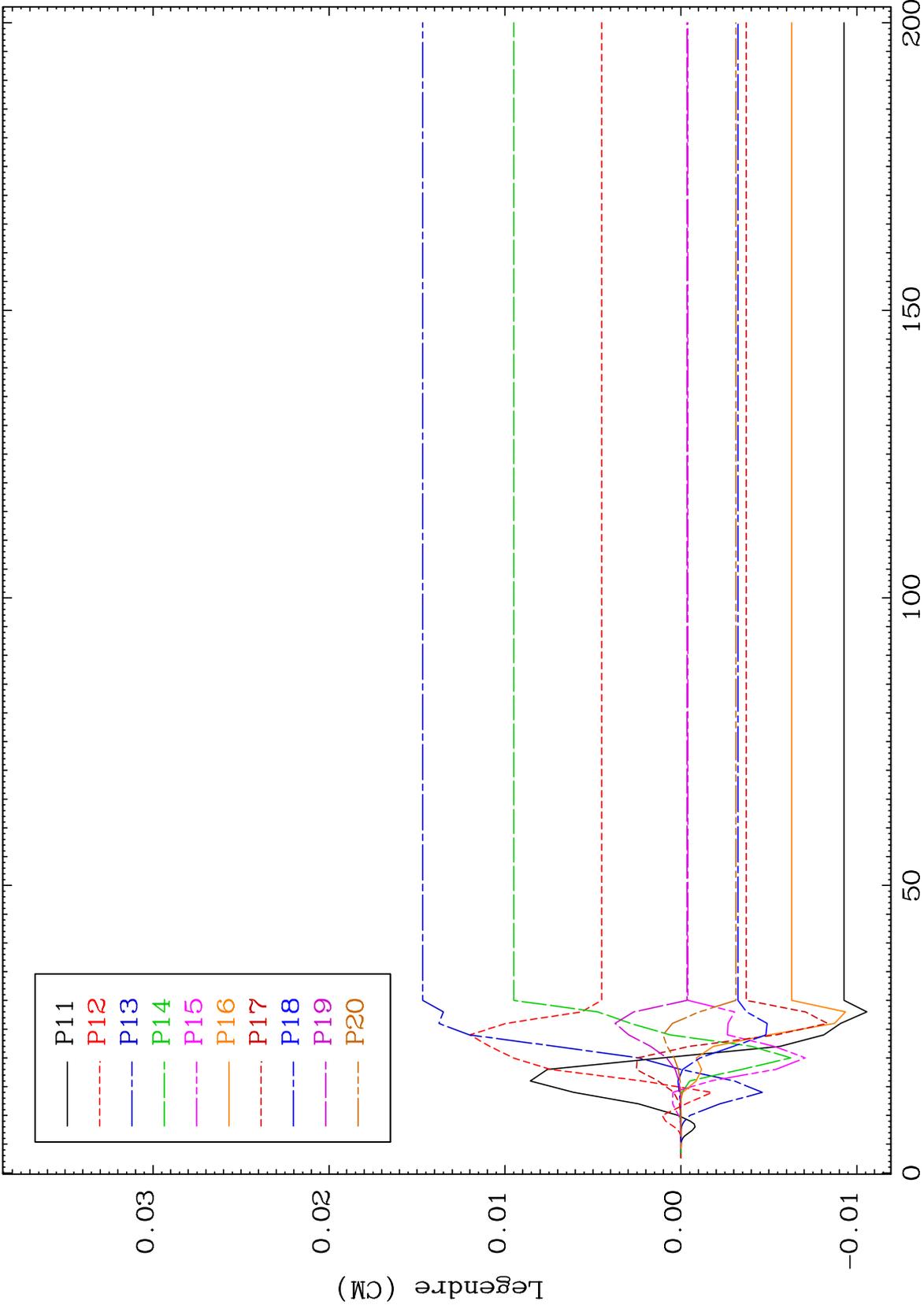
82-Pb-204



MAT 8225

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

82-Pb-204



82-Pb-204

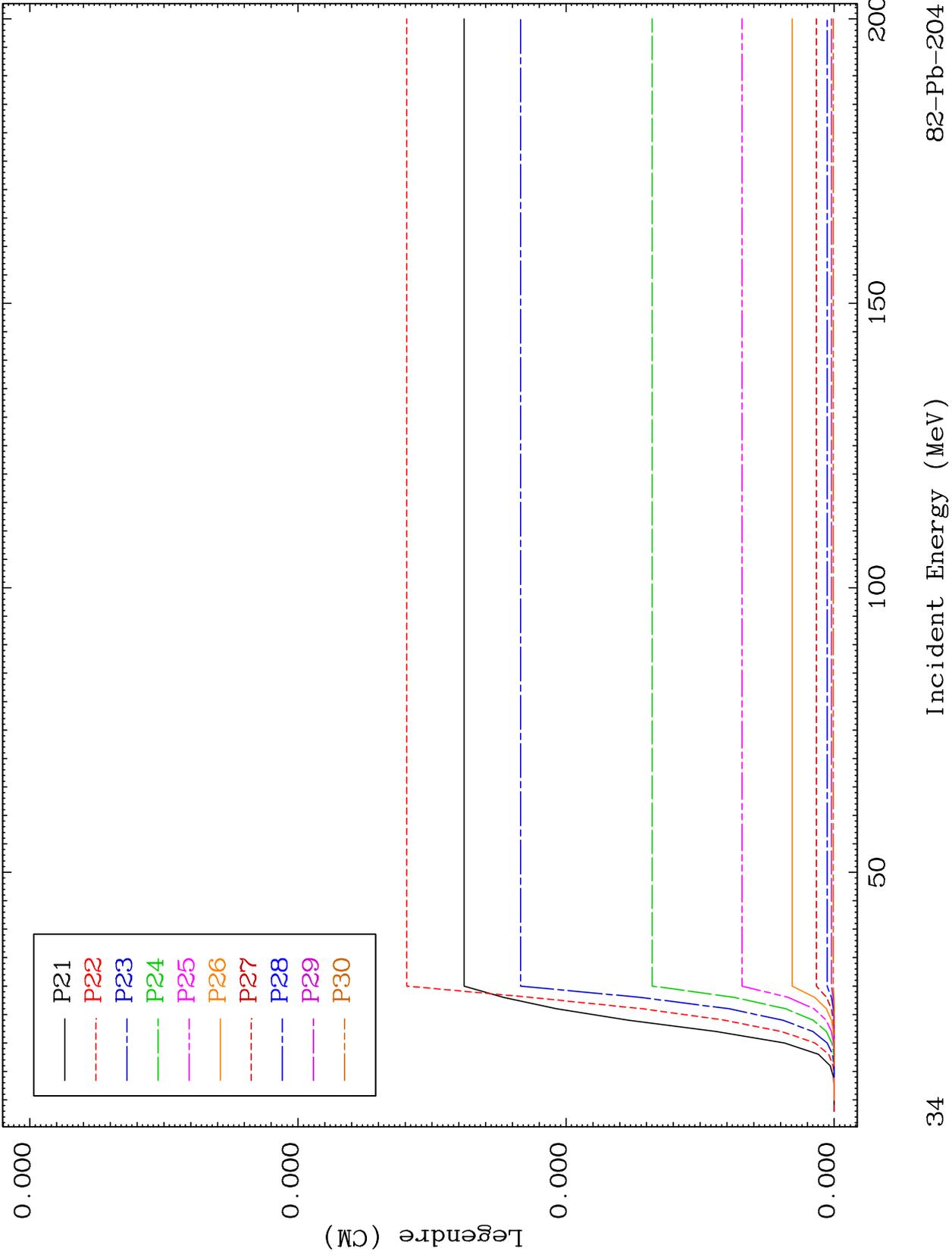
Incident Energy (MeV)

33

MAT 8225

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

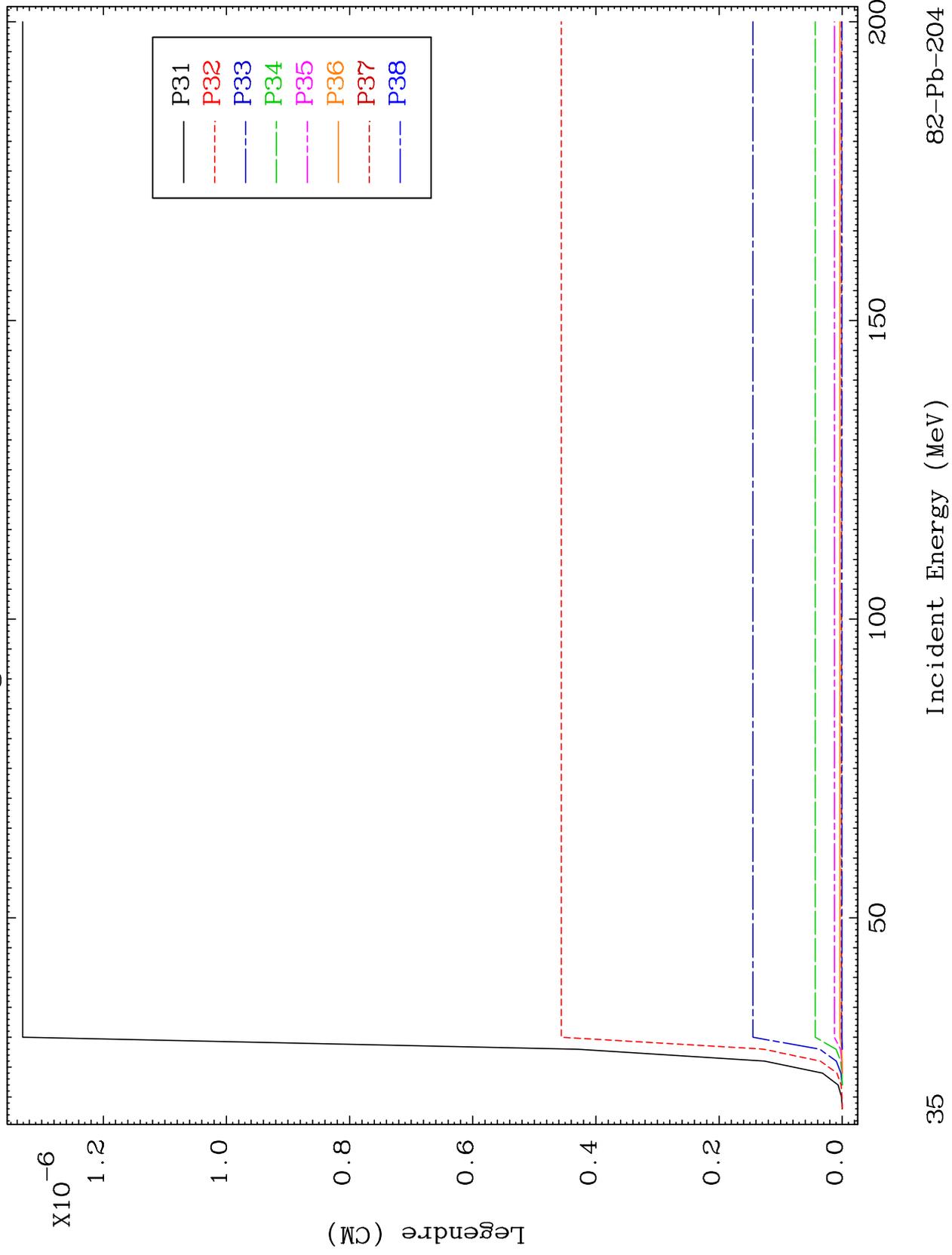
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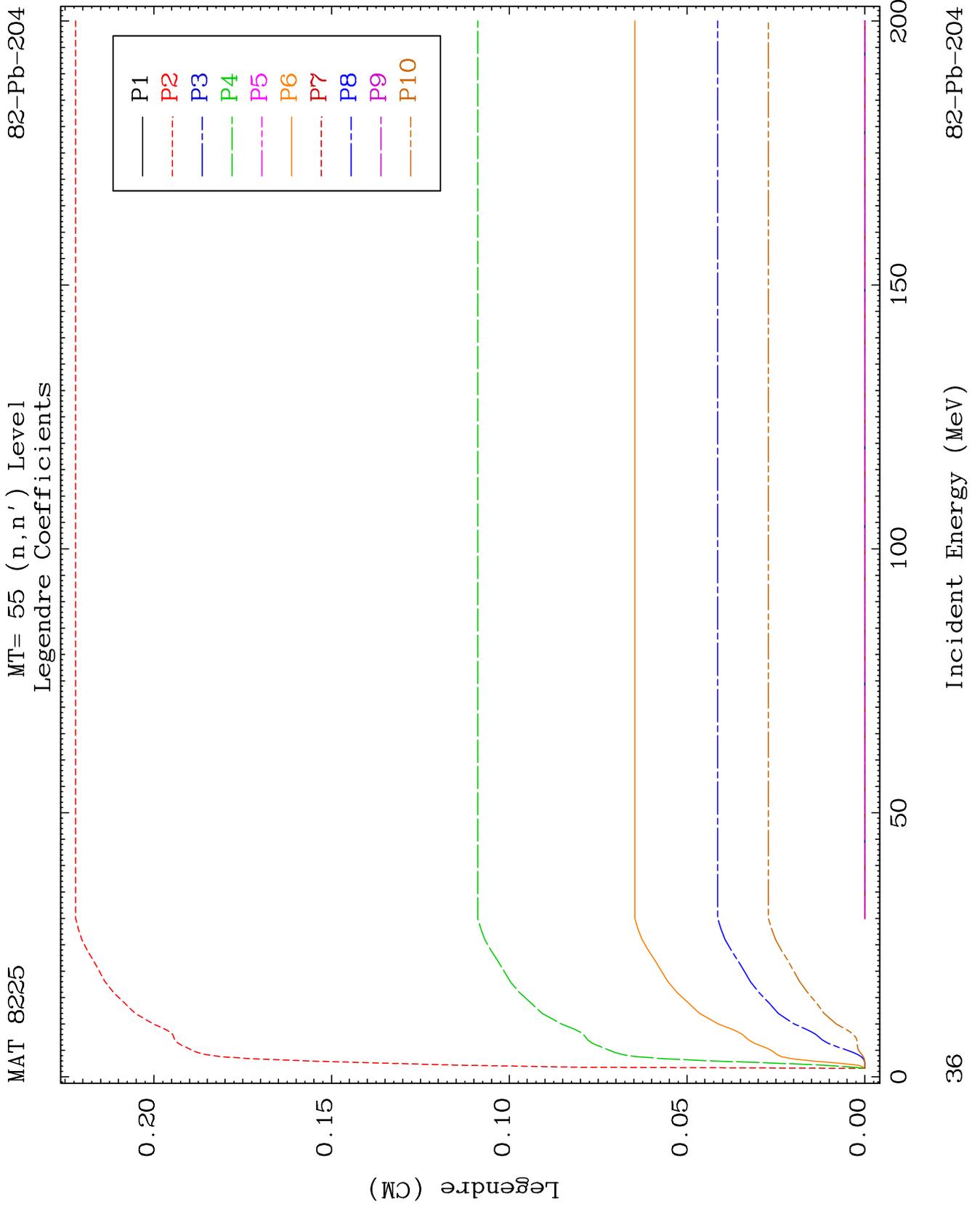


MAT 8225

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

82-Pb-204

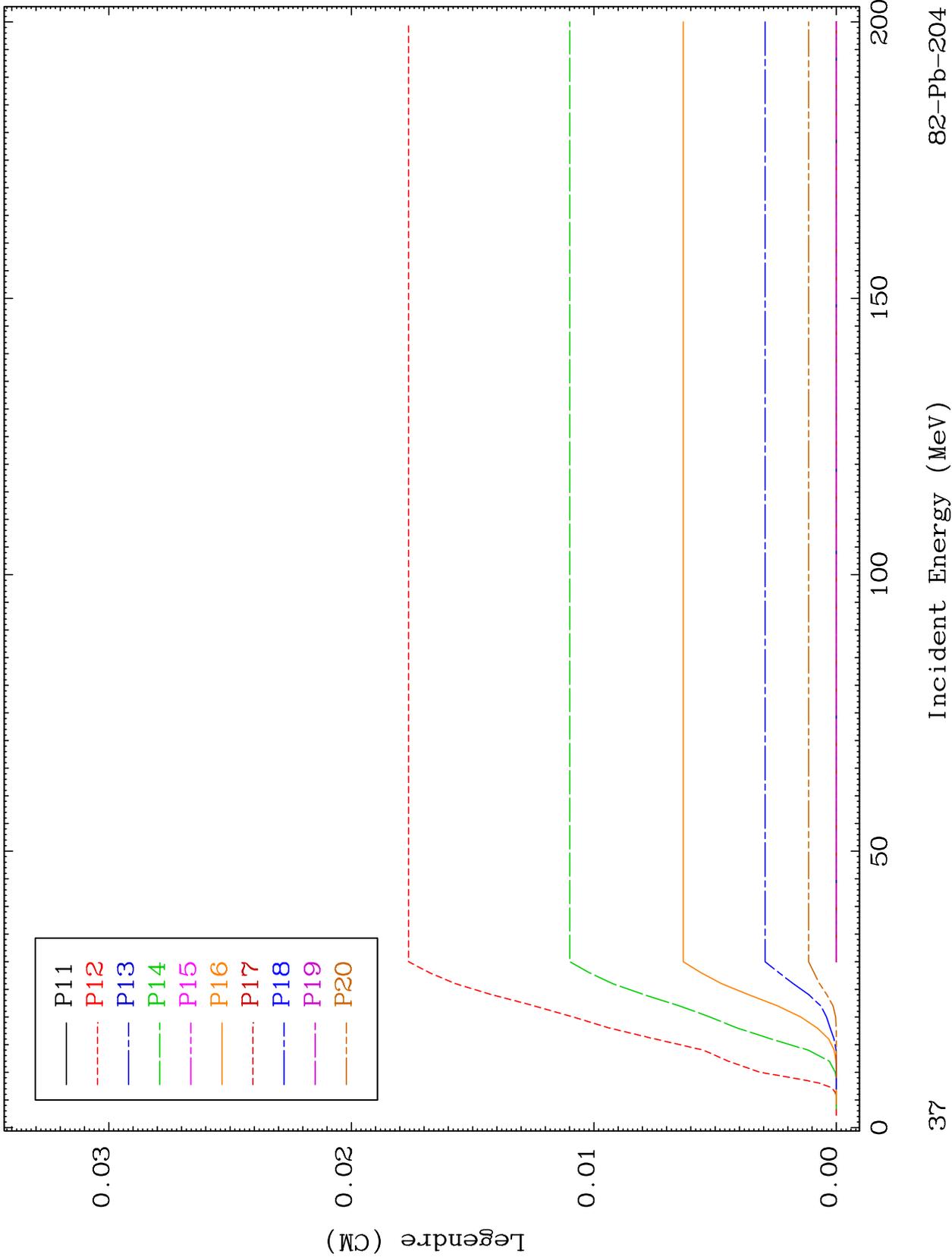


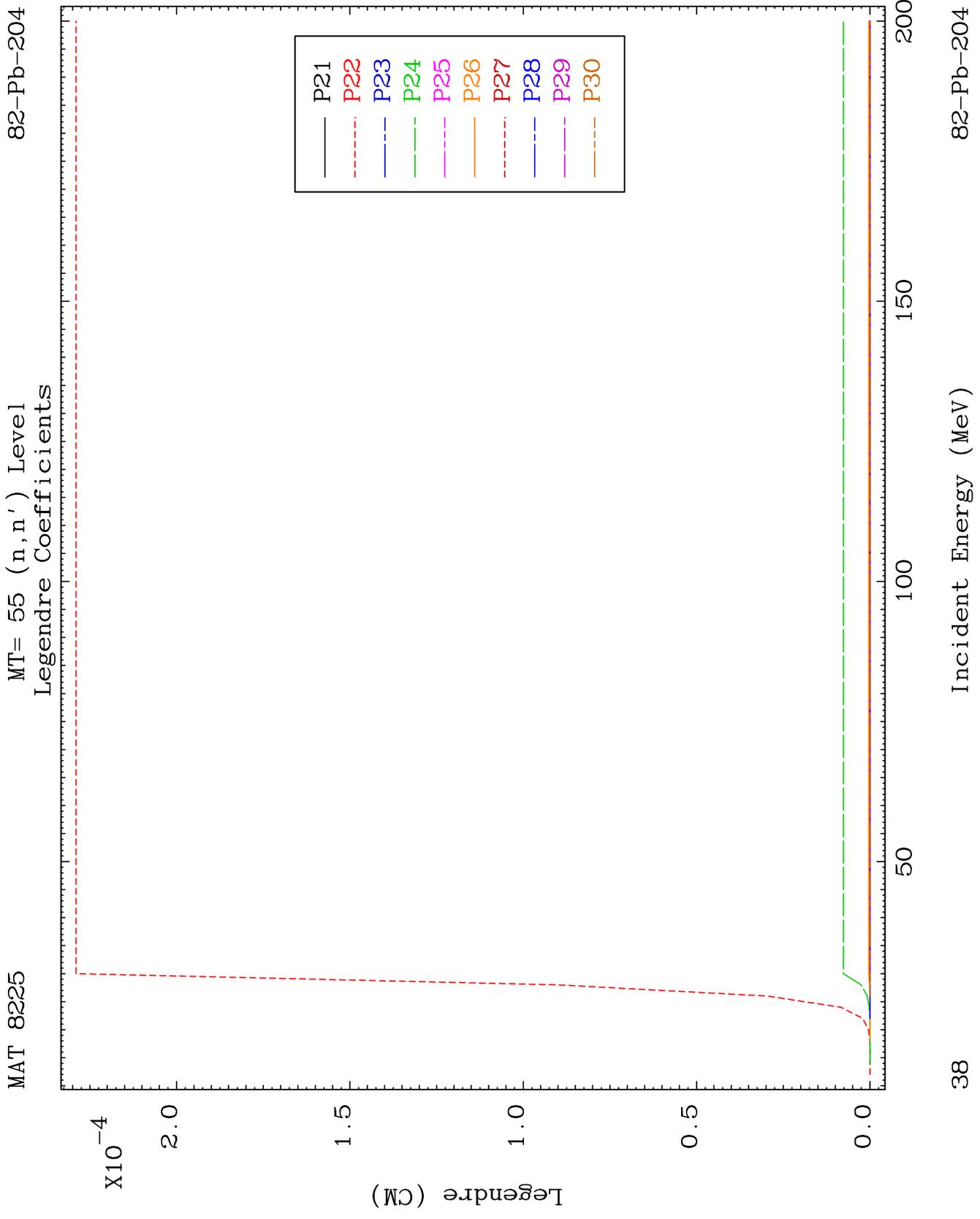


MAT 8225

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Legendre Coefficients

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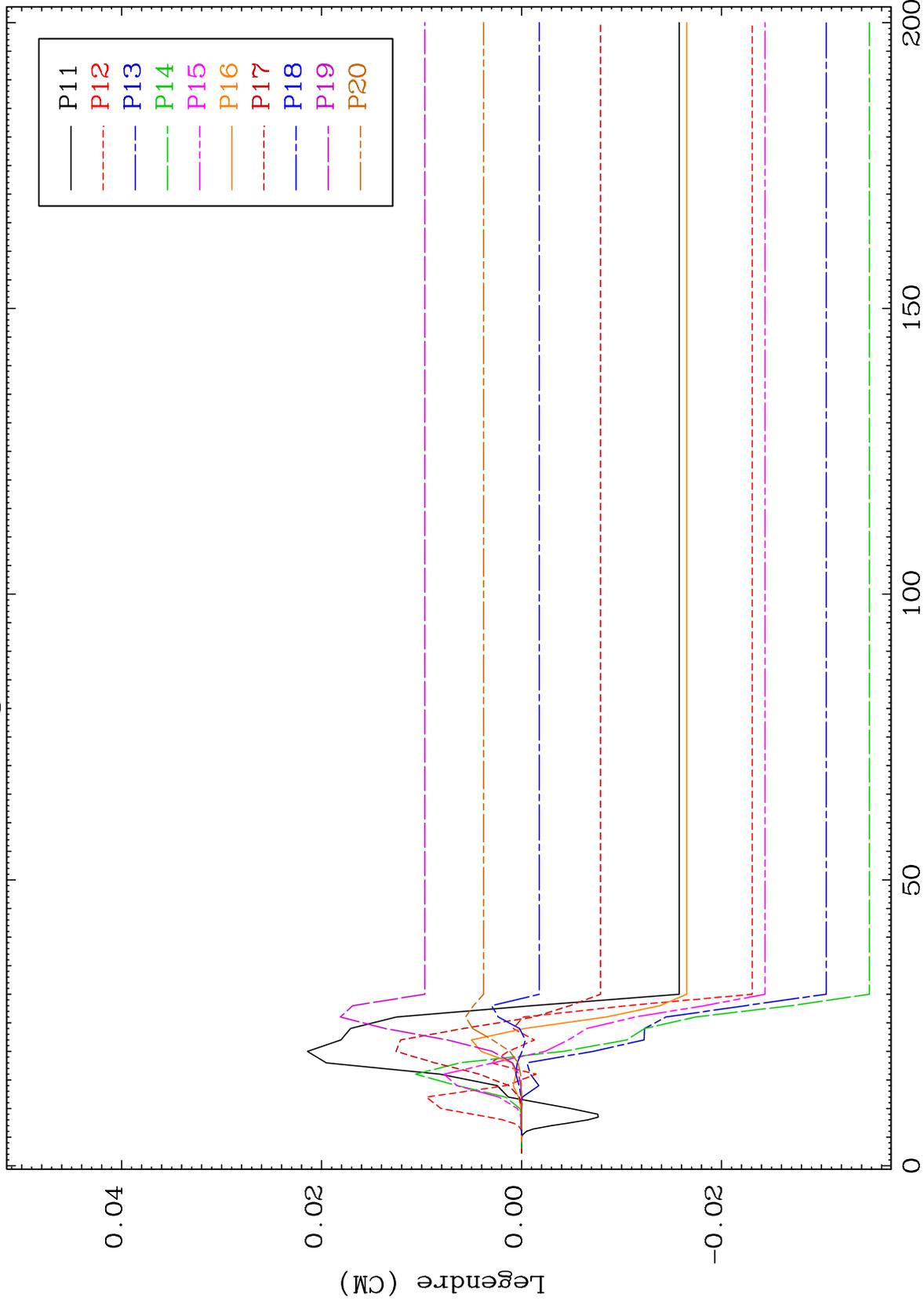




MAT 8225

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

82-Pb-204



82-Pb-204

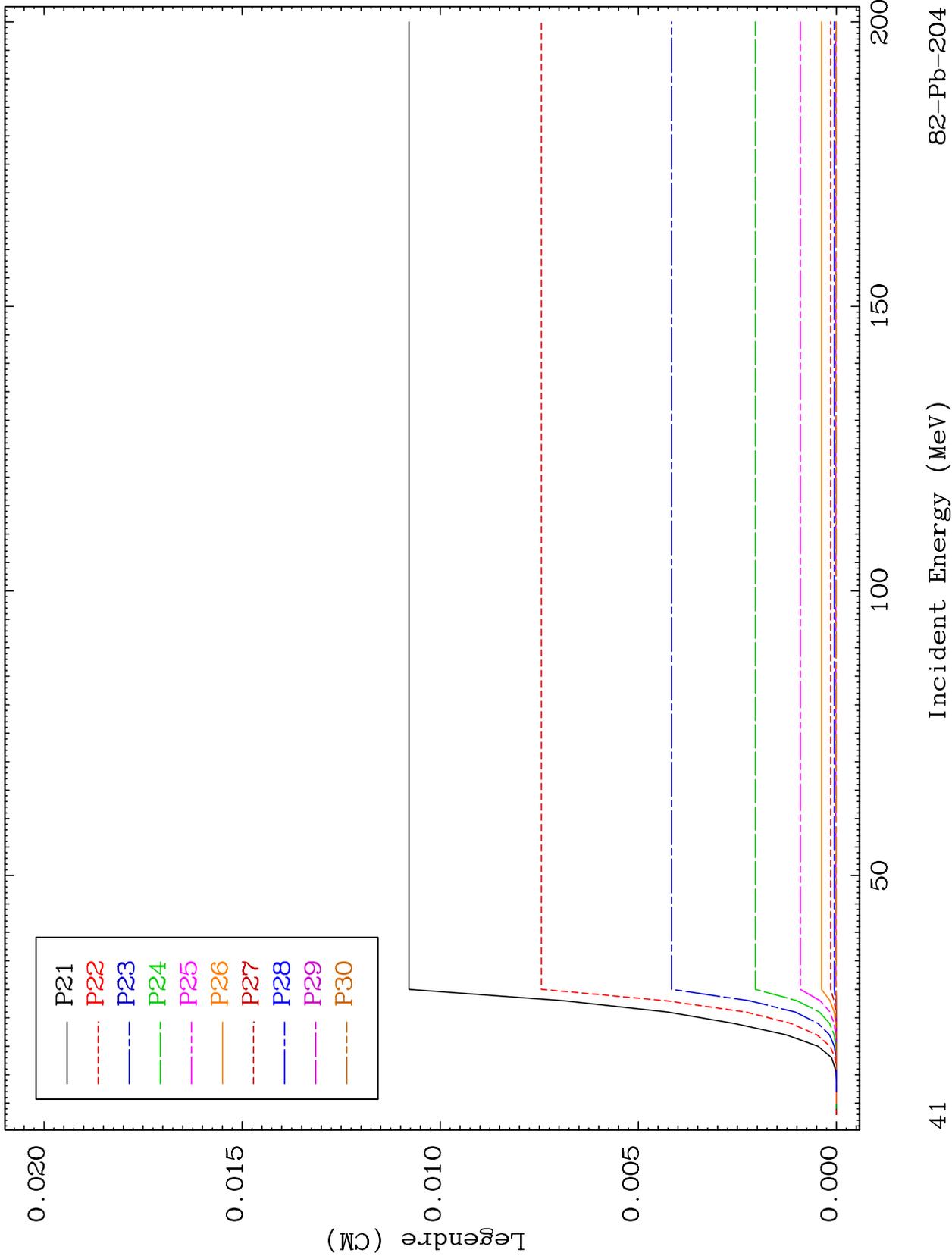
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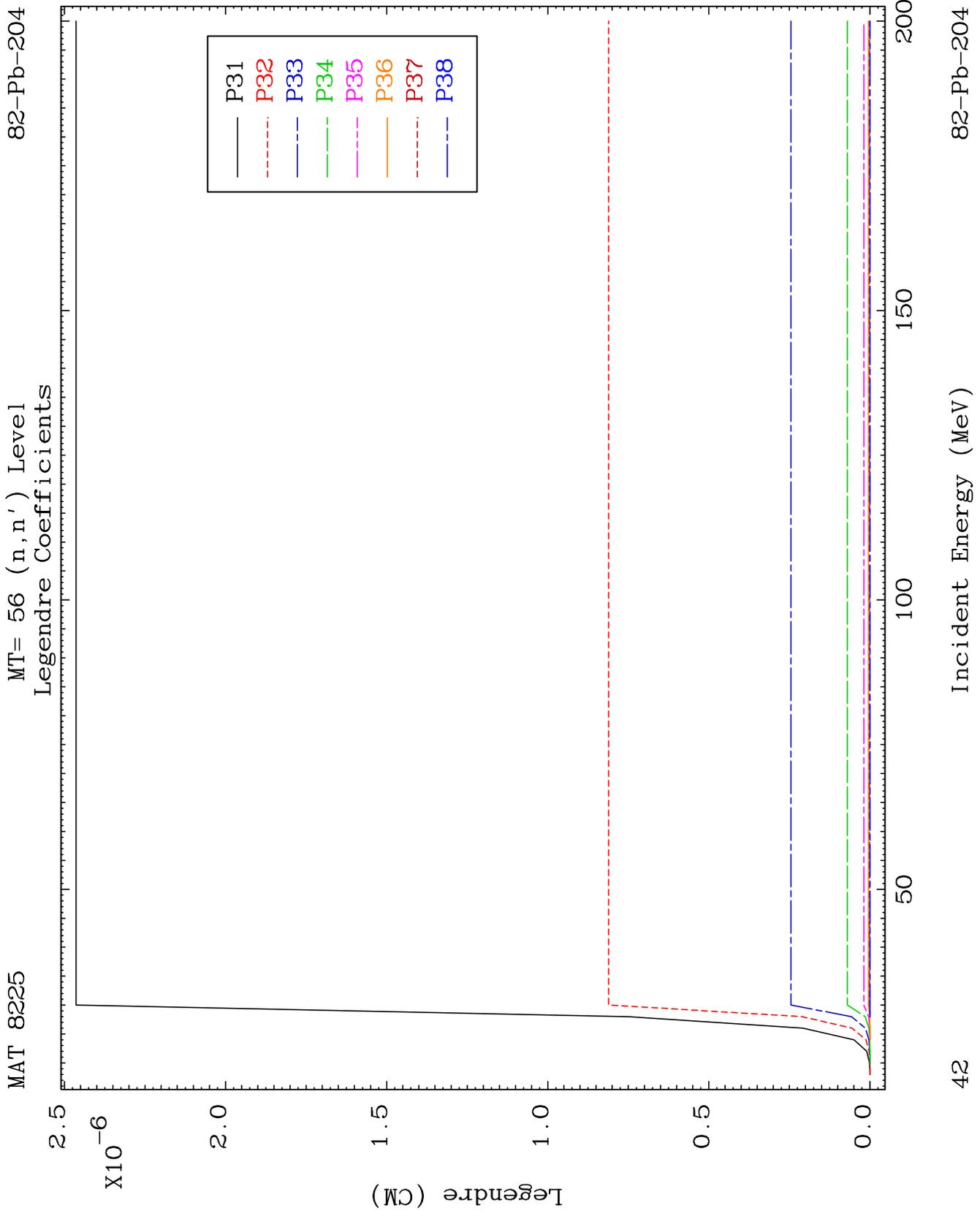
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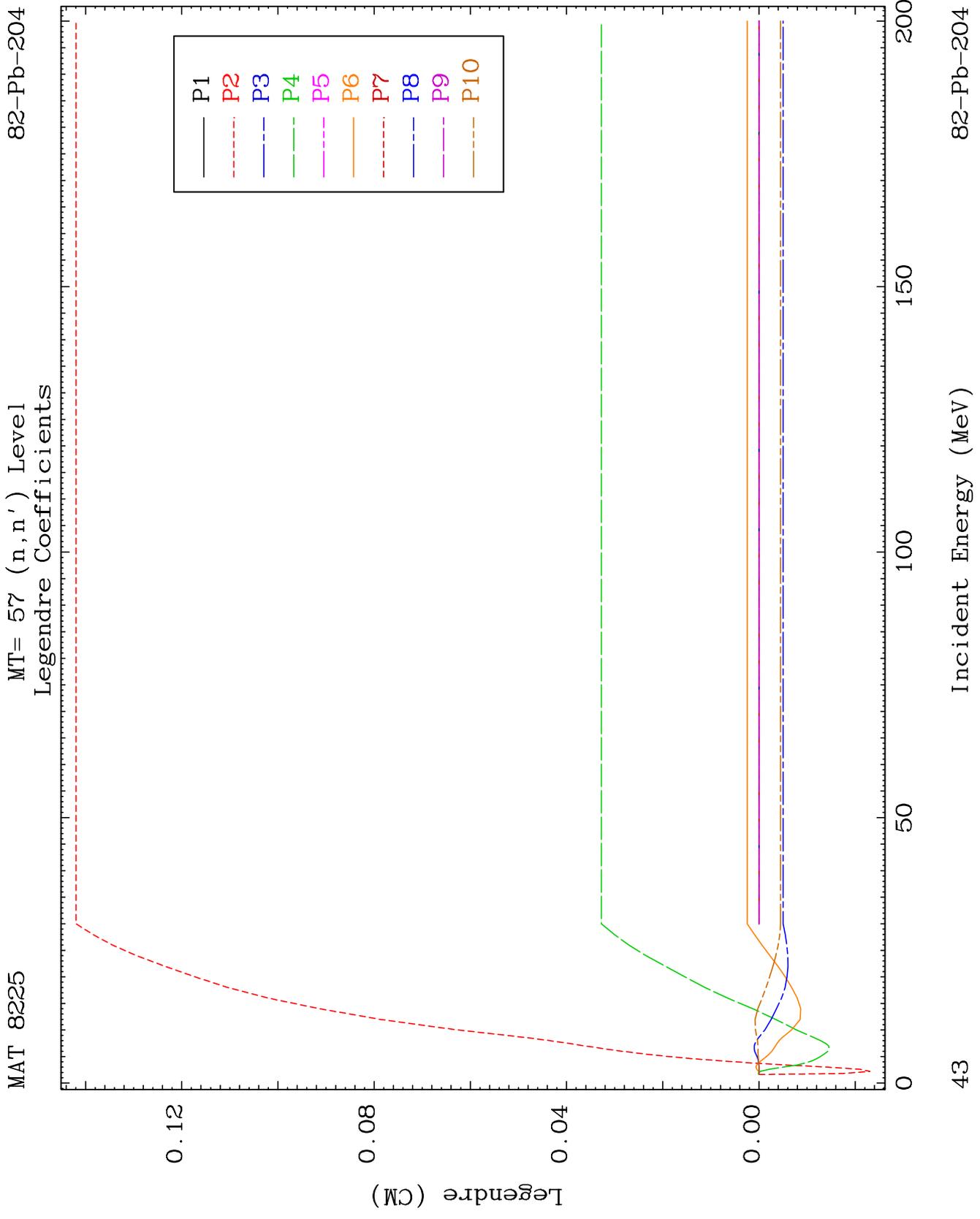
MAT 8225

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

82-Pb-204







82-Pb-204

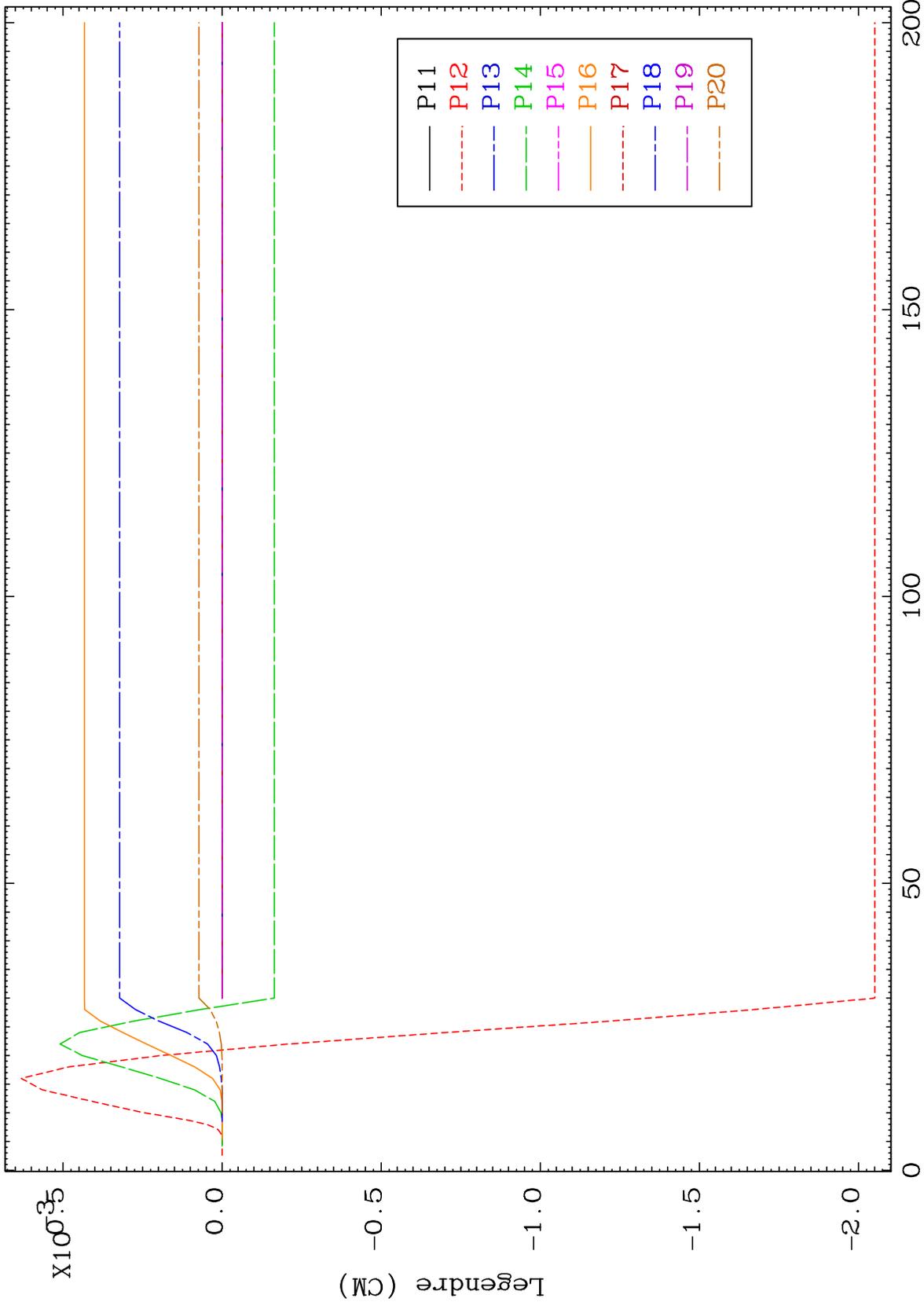
Incident Energy (MeV)

43

MAT 8225

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

82-Pb-204



44

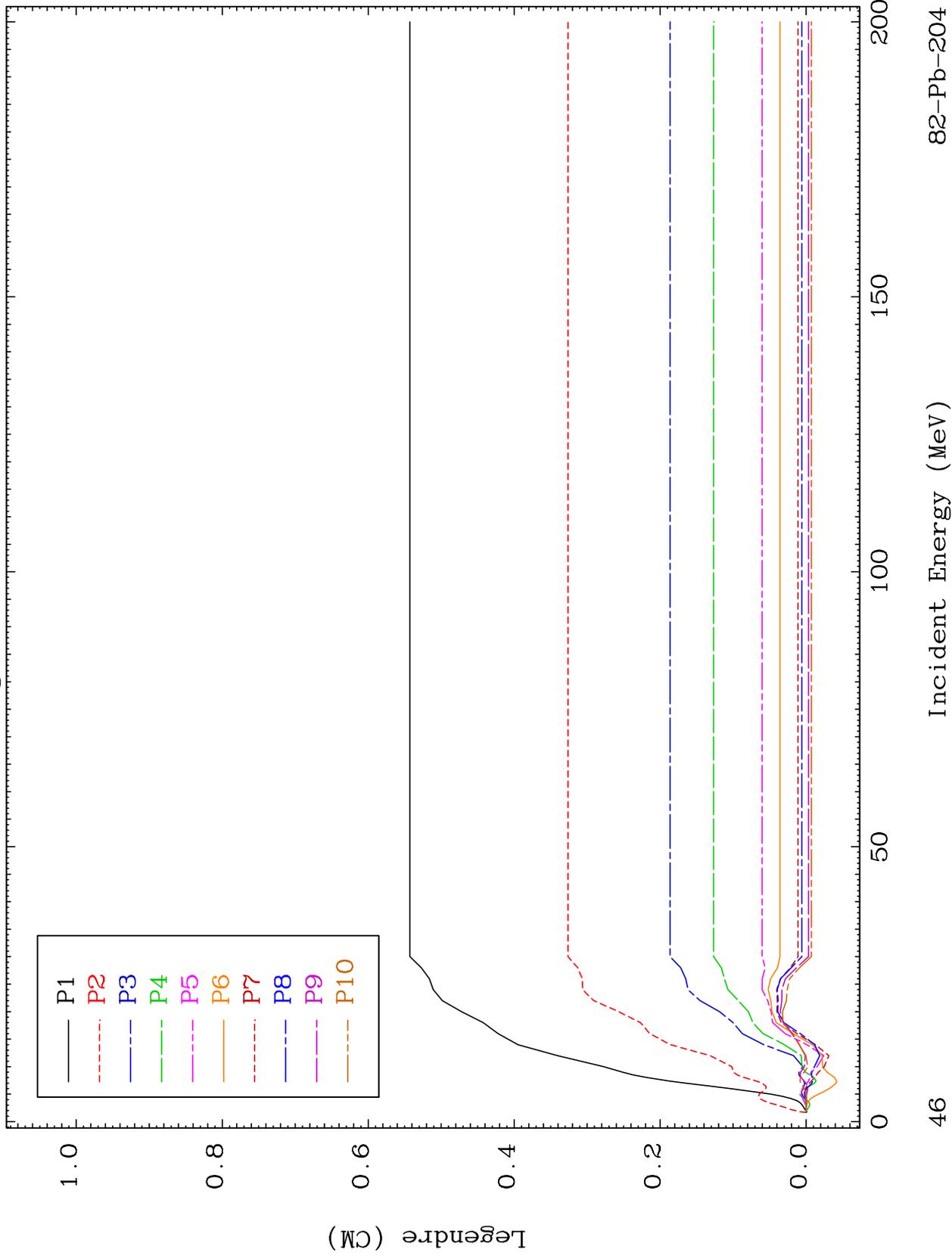
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

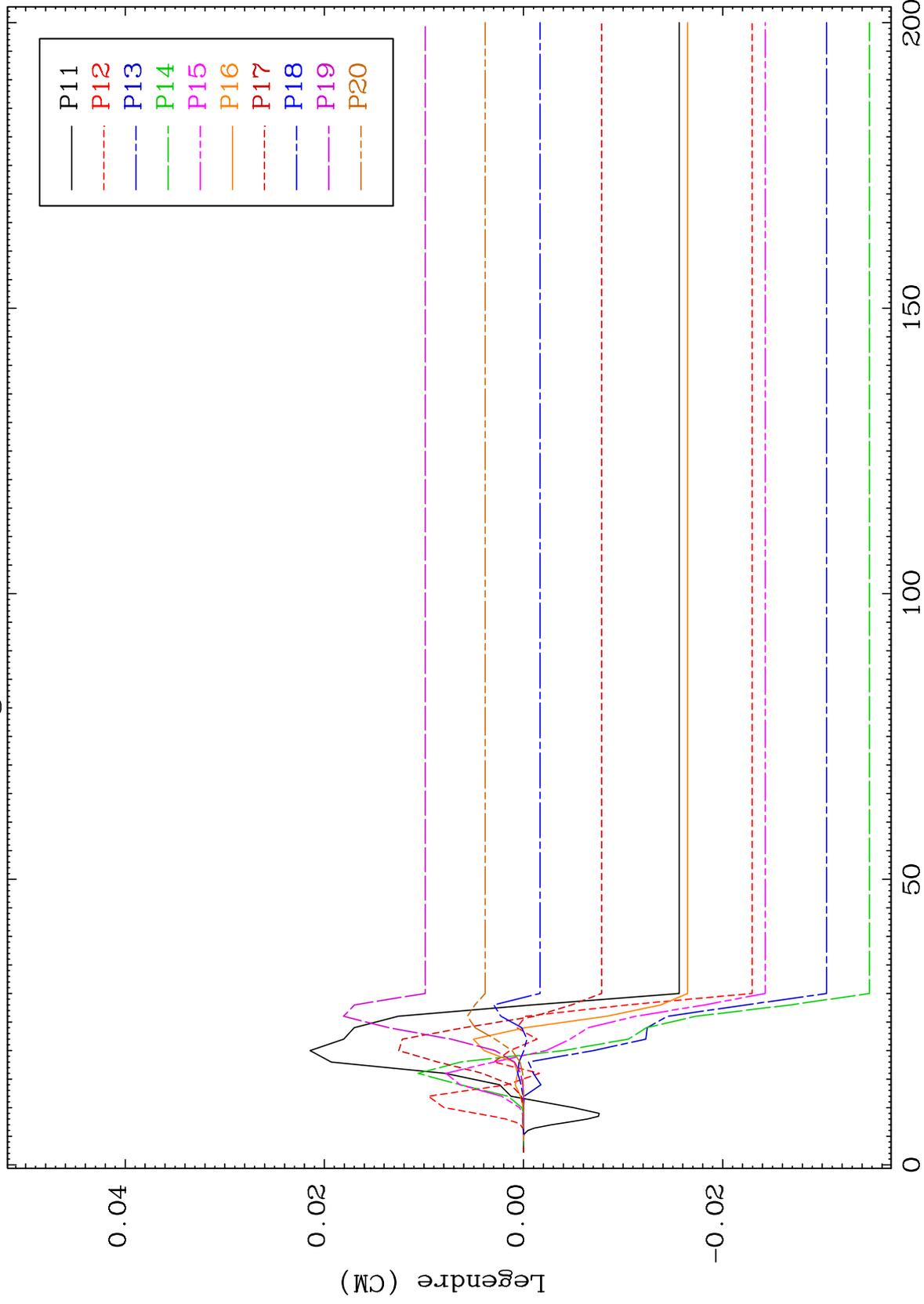
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MAT 8225

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

82-Pb-204



47

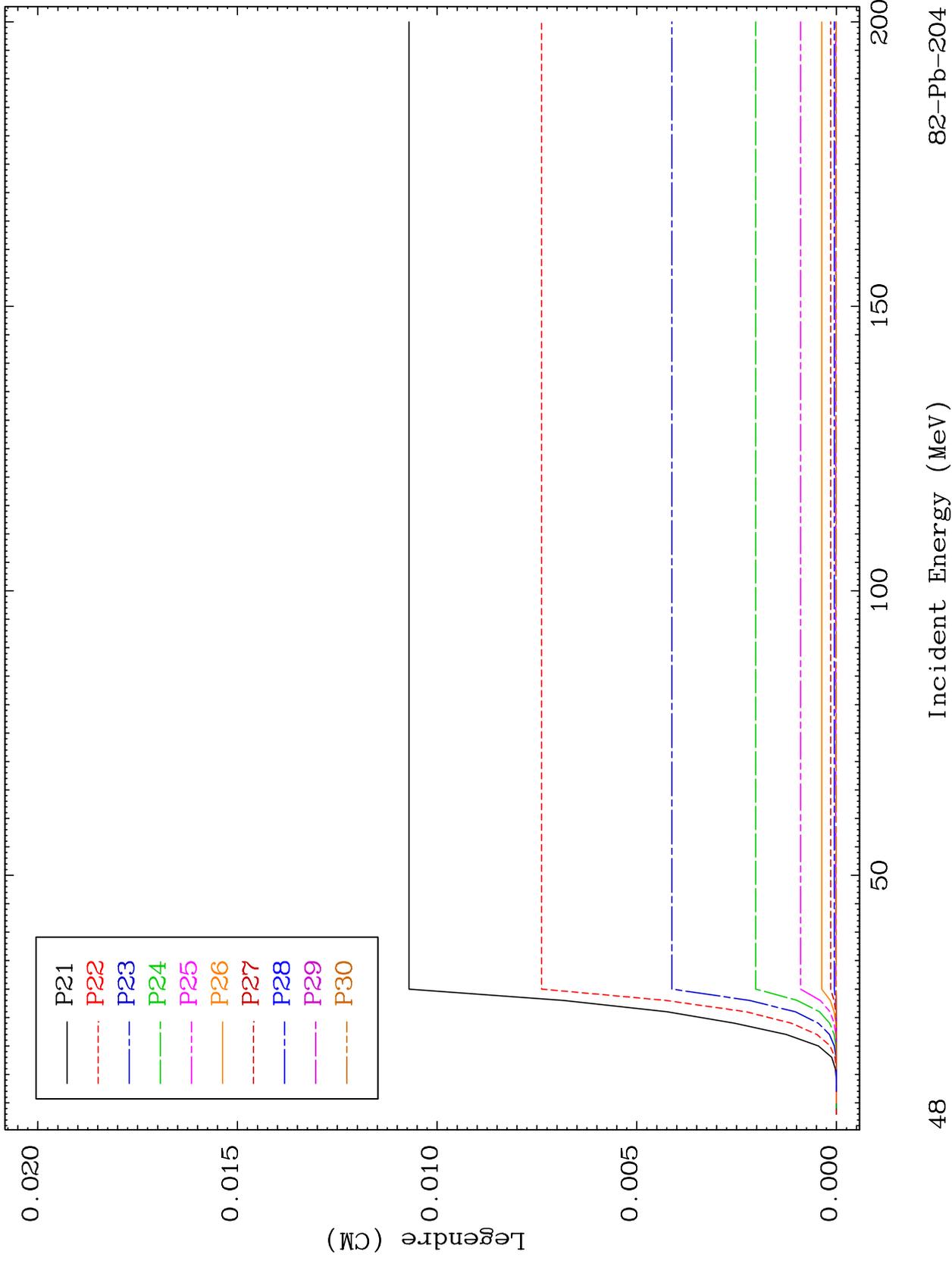
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



48

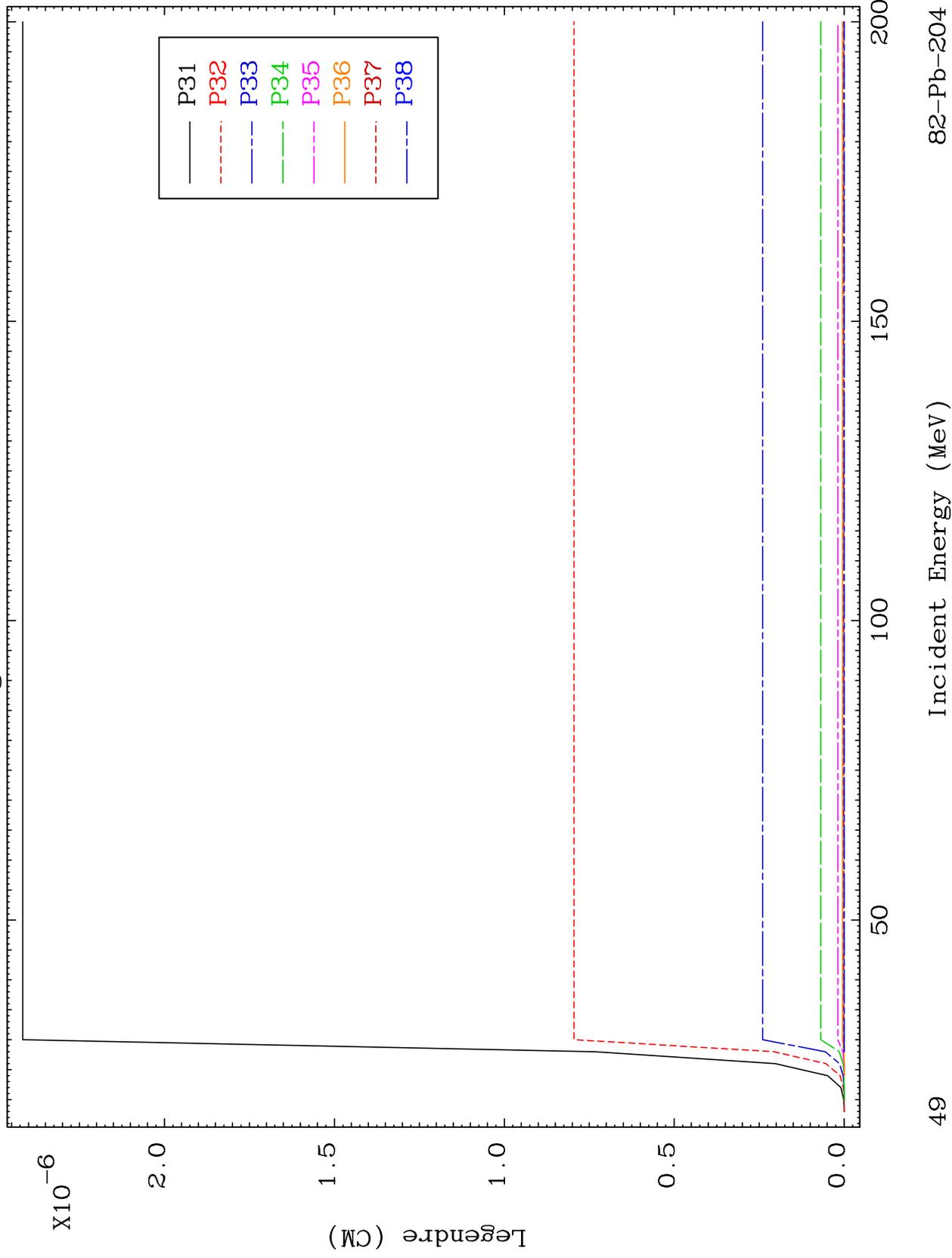
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82-Pb-204

MAT 8225

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

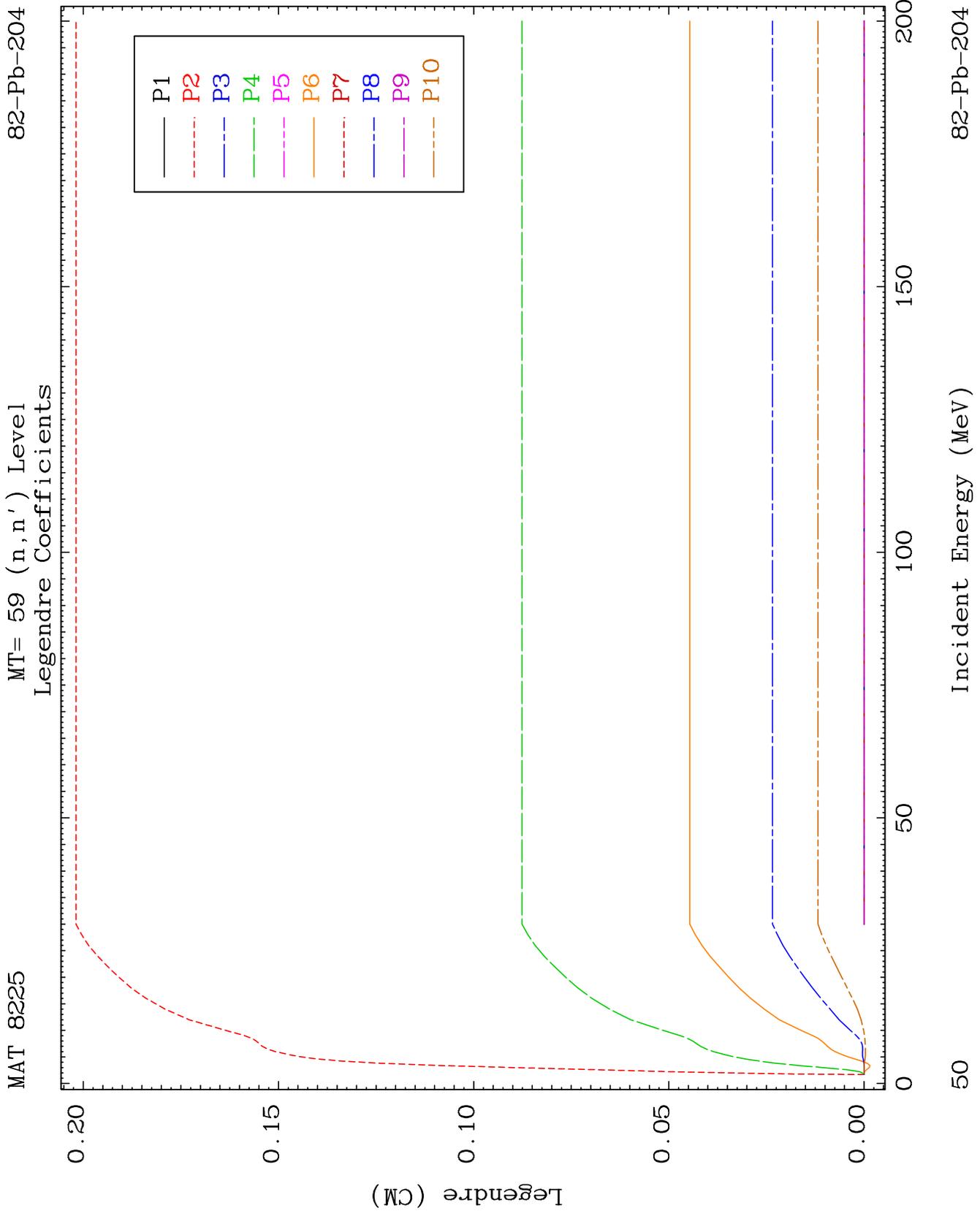
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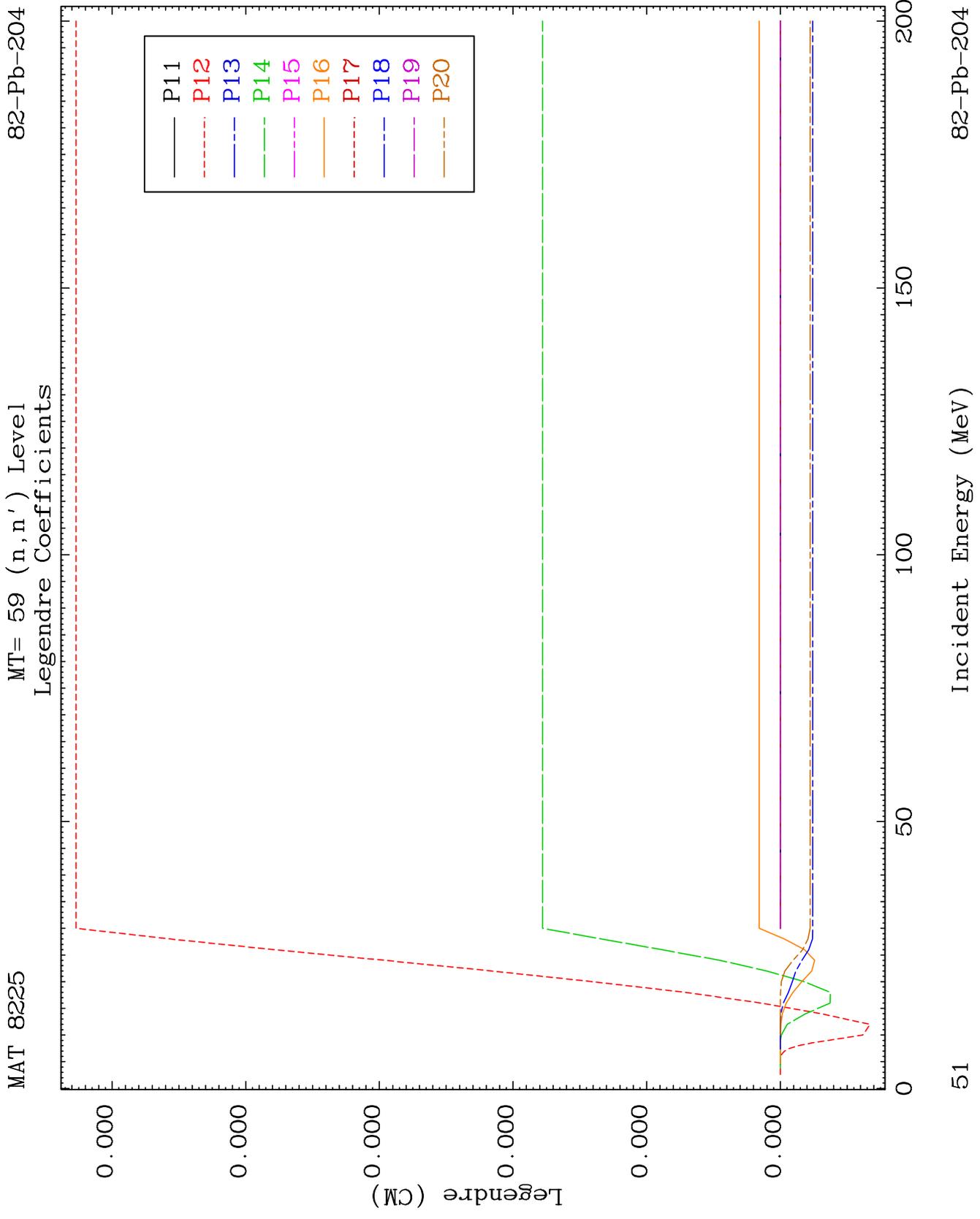


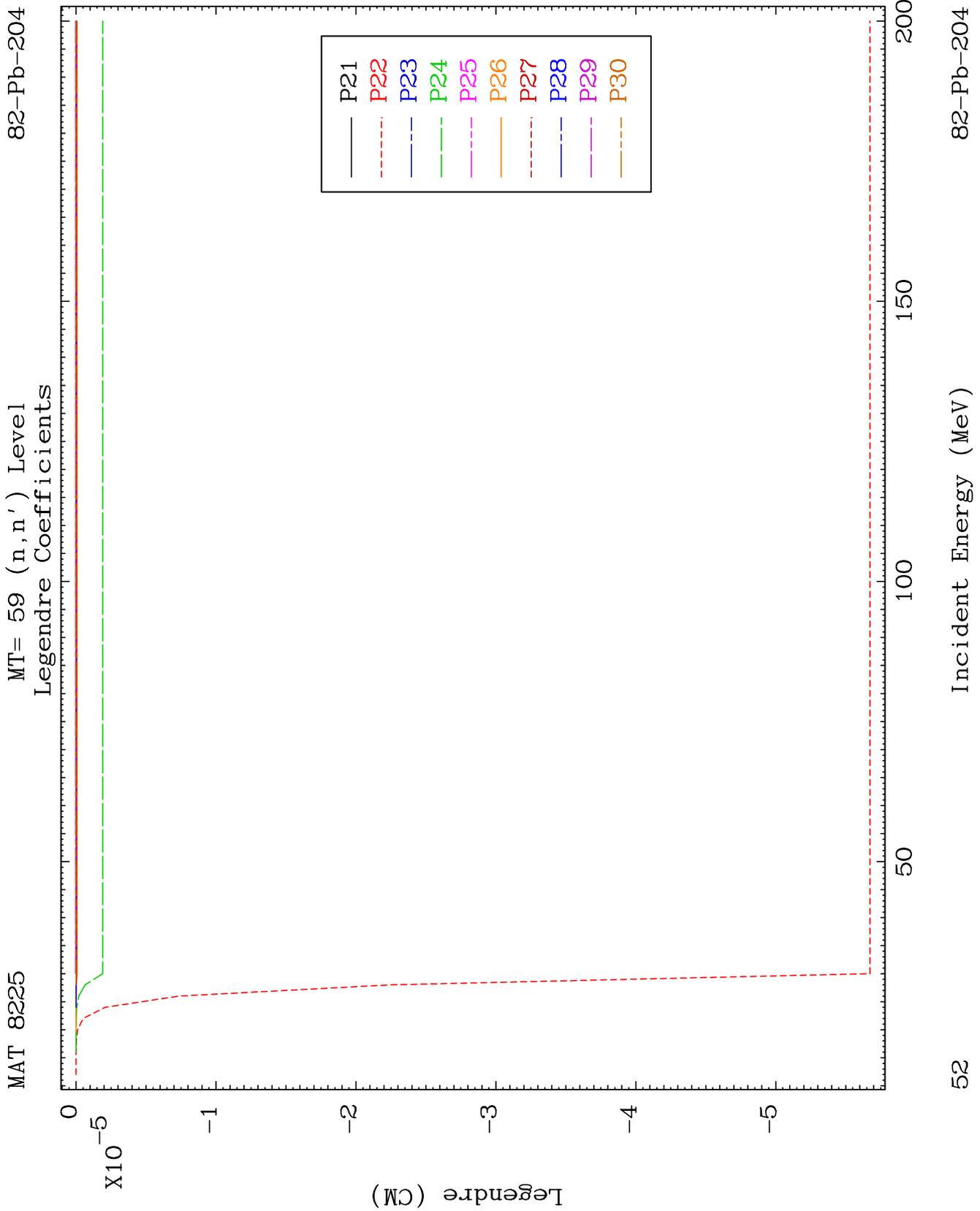
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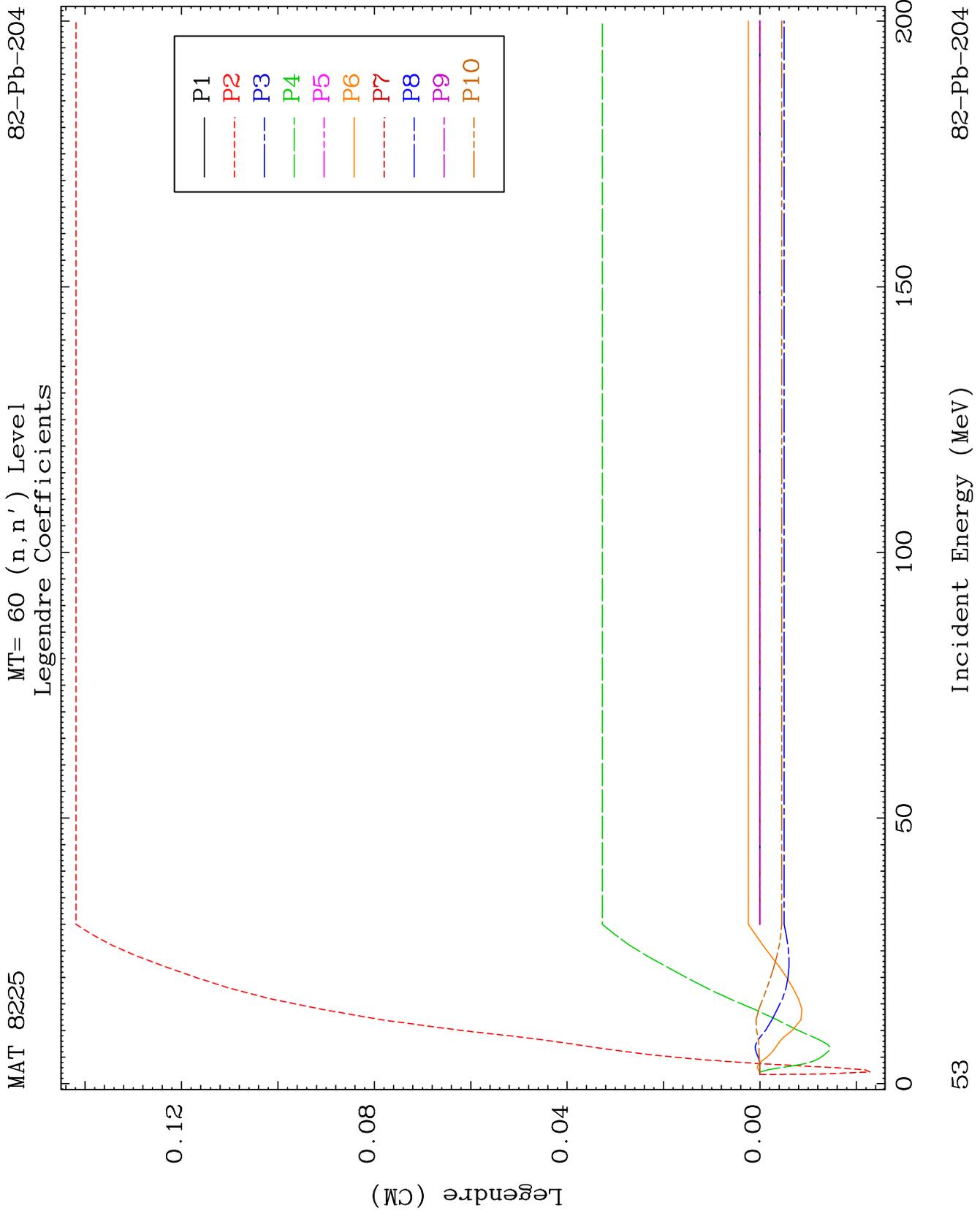
Incident Energy (MeV)

82-Pb-204





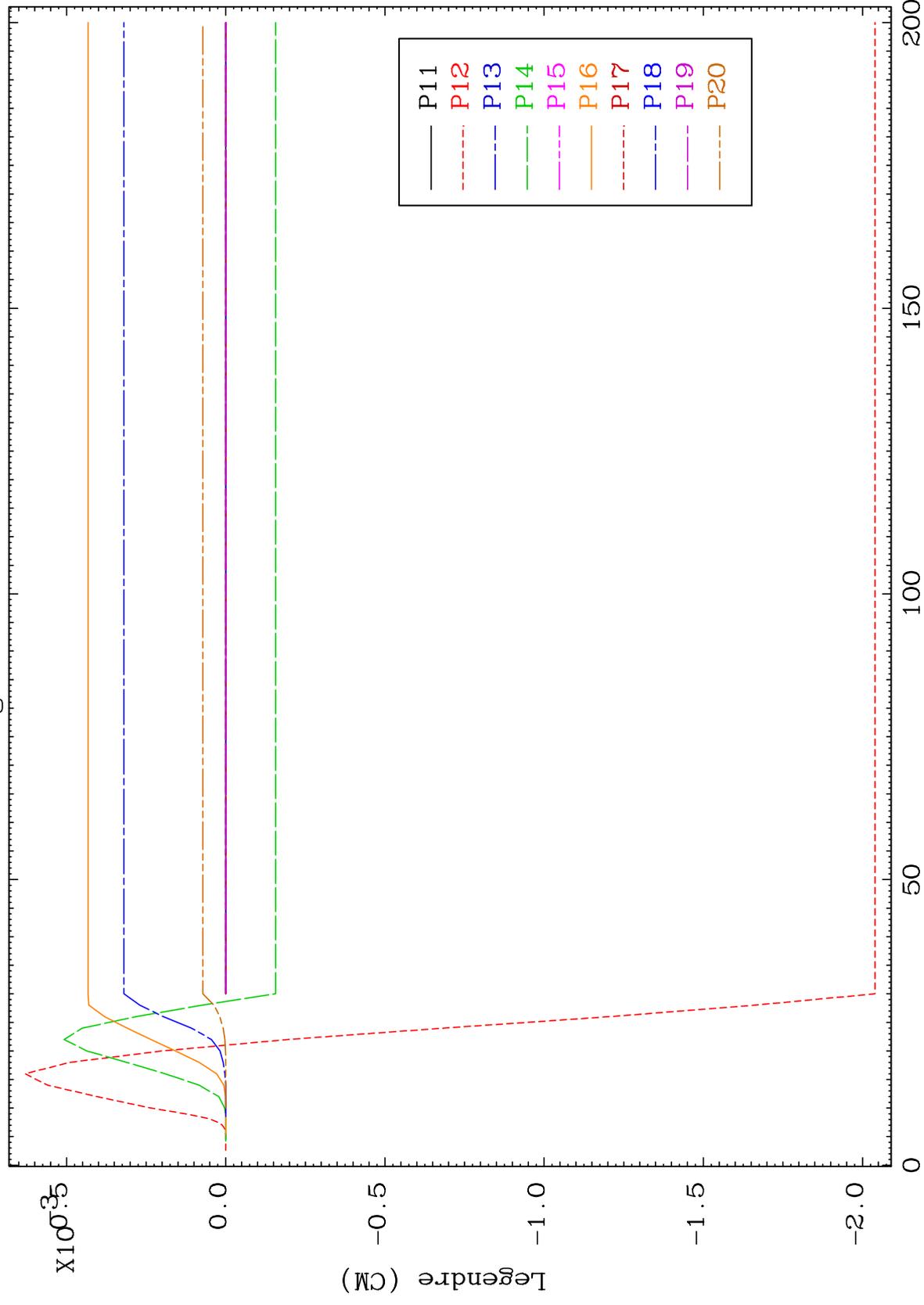




MAT 8225

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

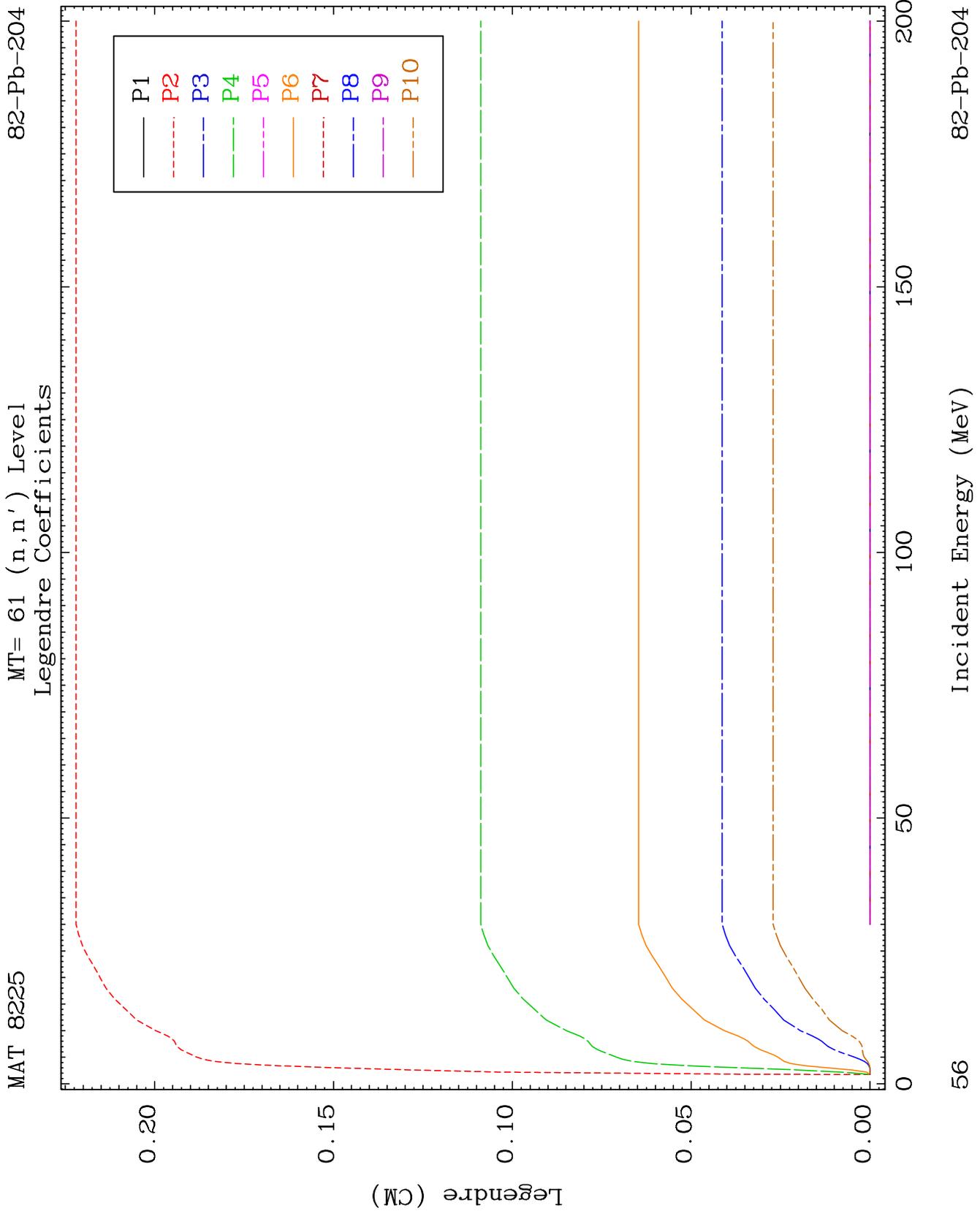
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54

Incident Energy (MeV)

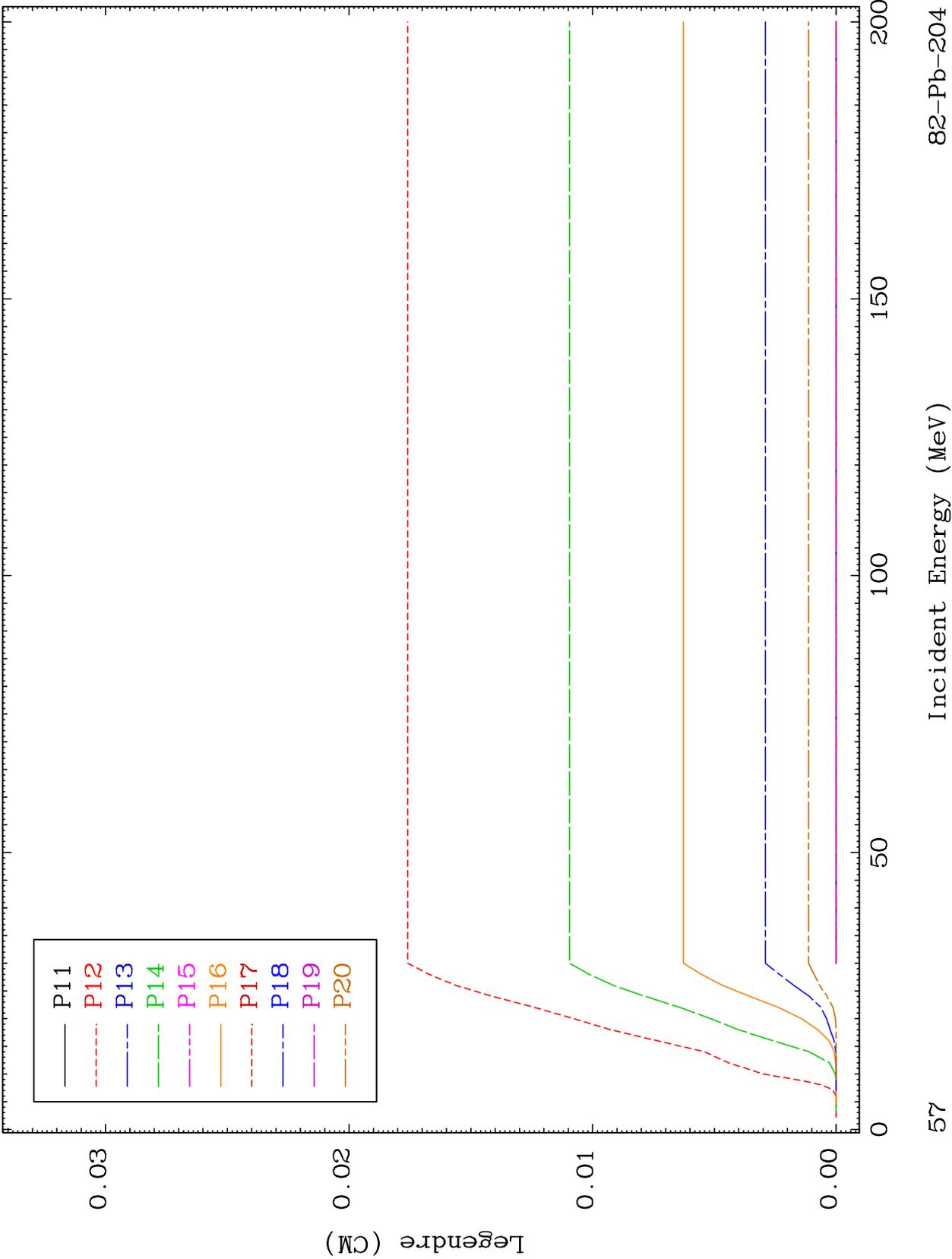
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MAT 8225

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

82-Pb-204

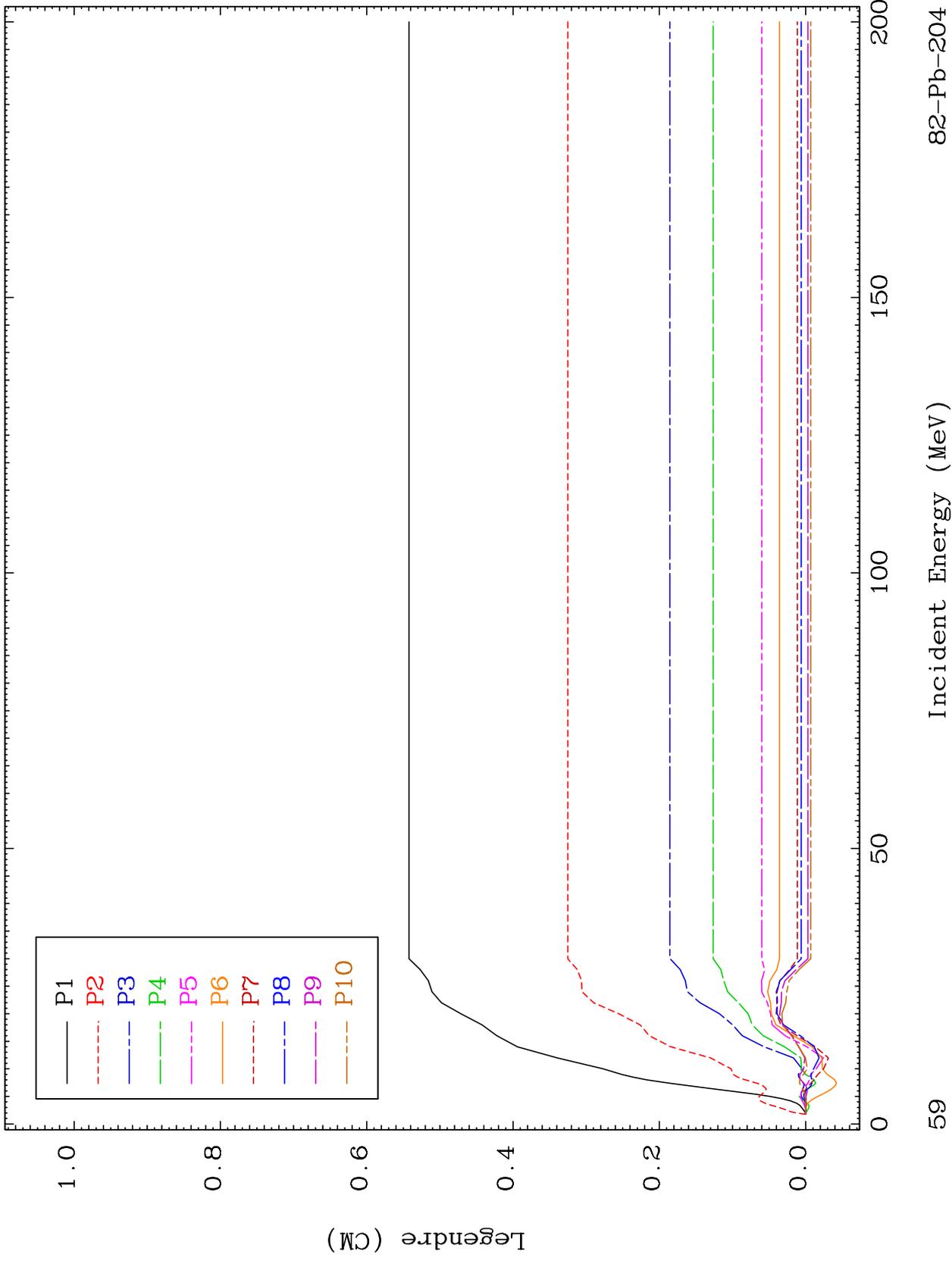


57

MAT 8225

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

82-Pb-204



59

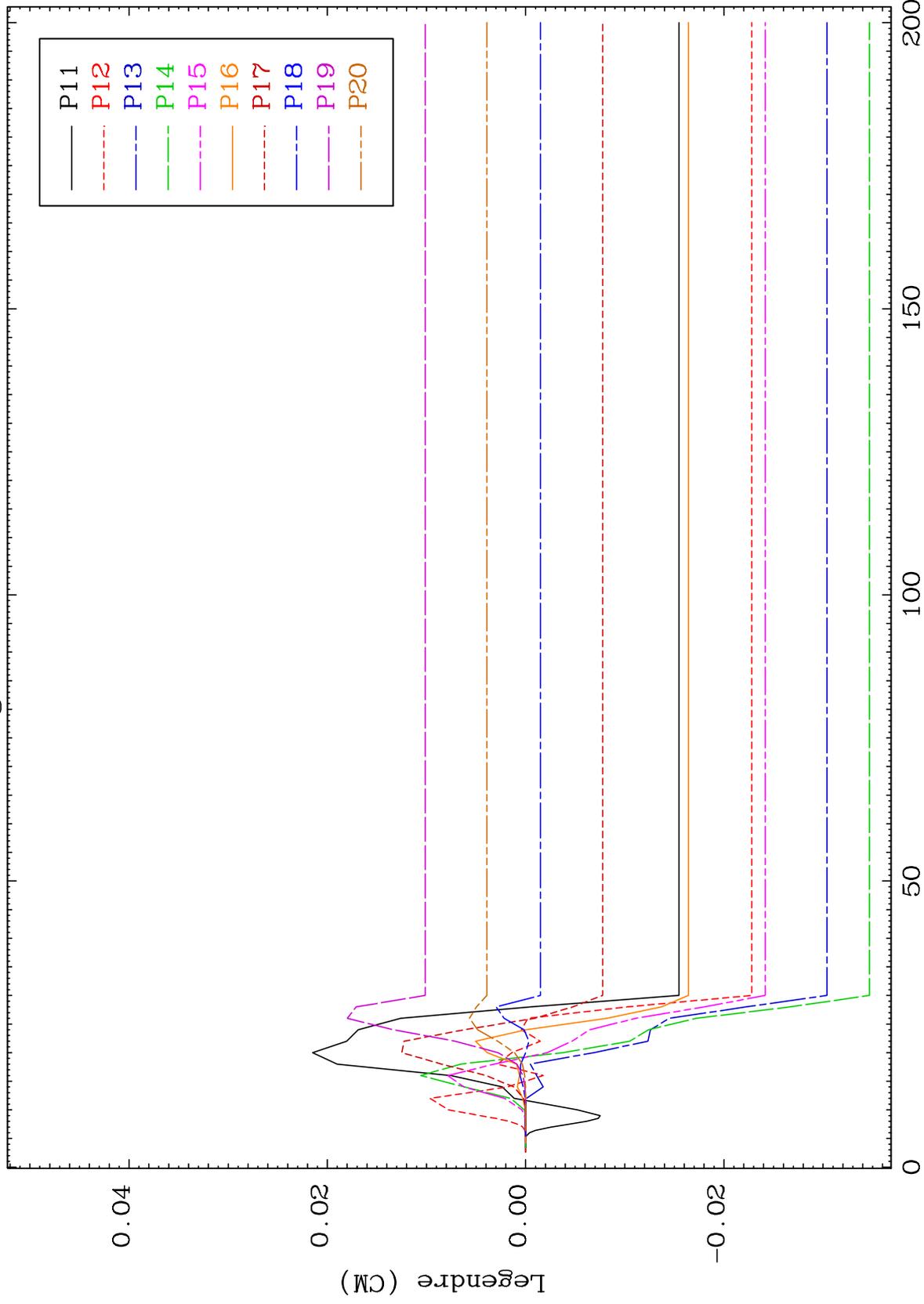
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



60

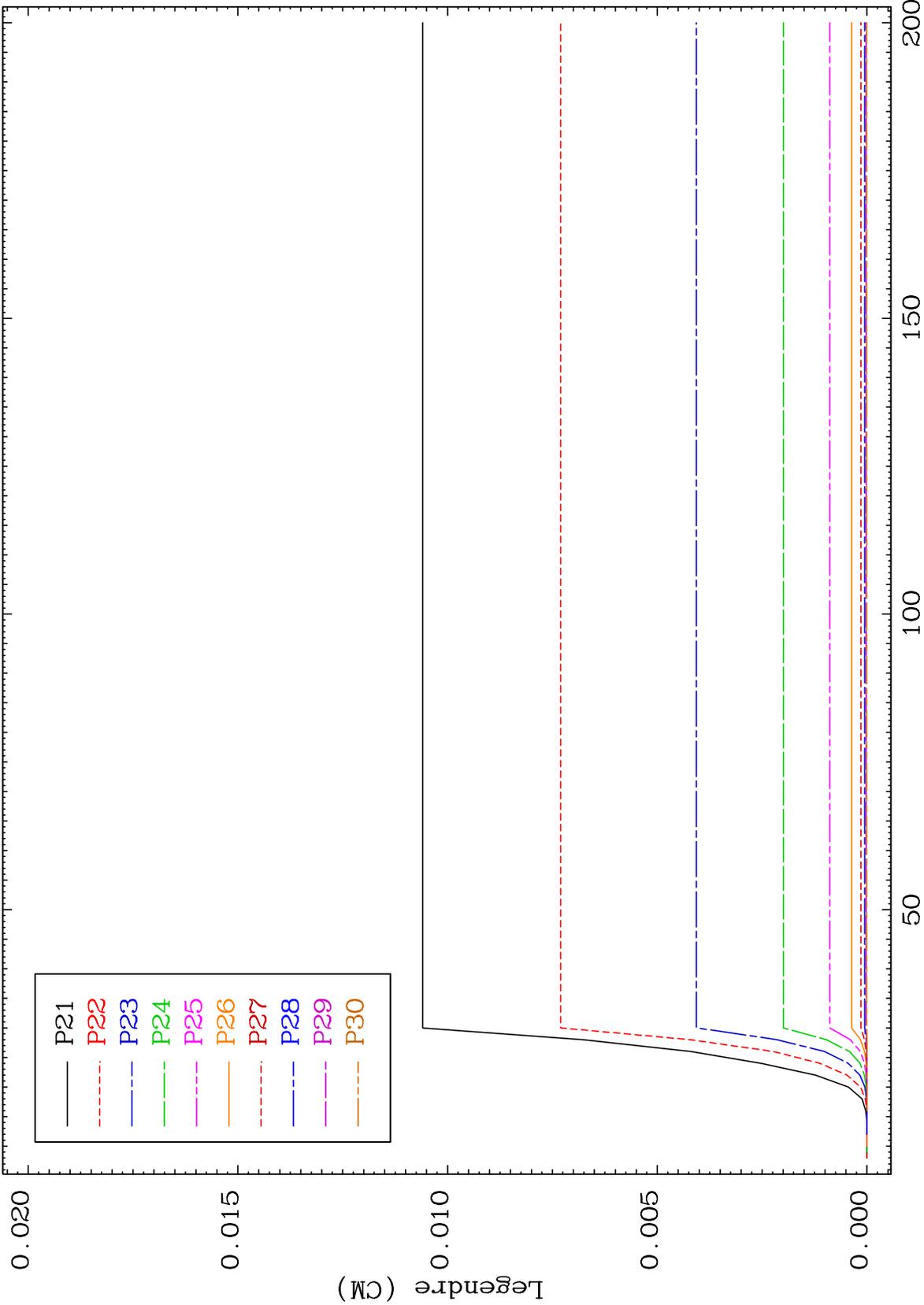
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



61

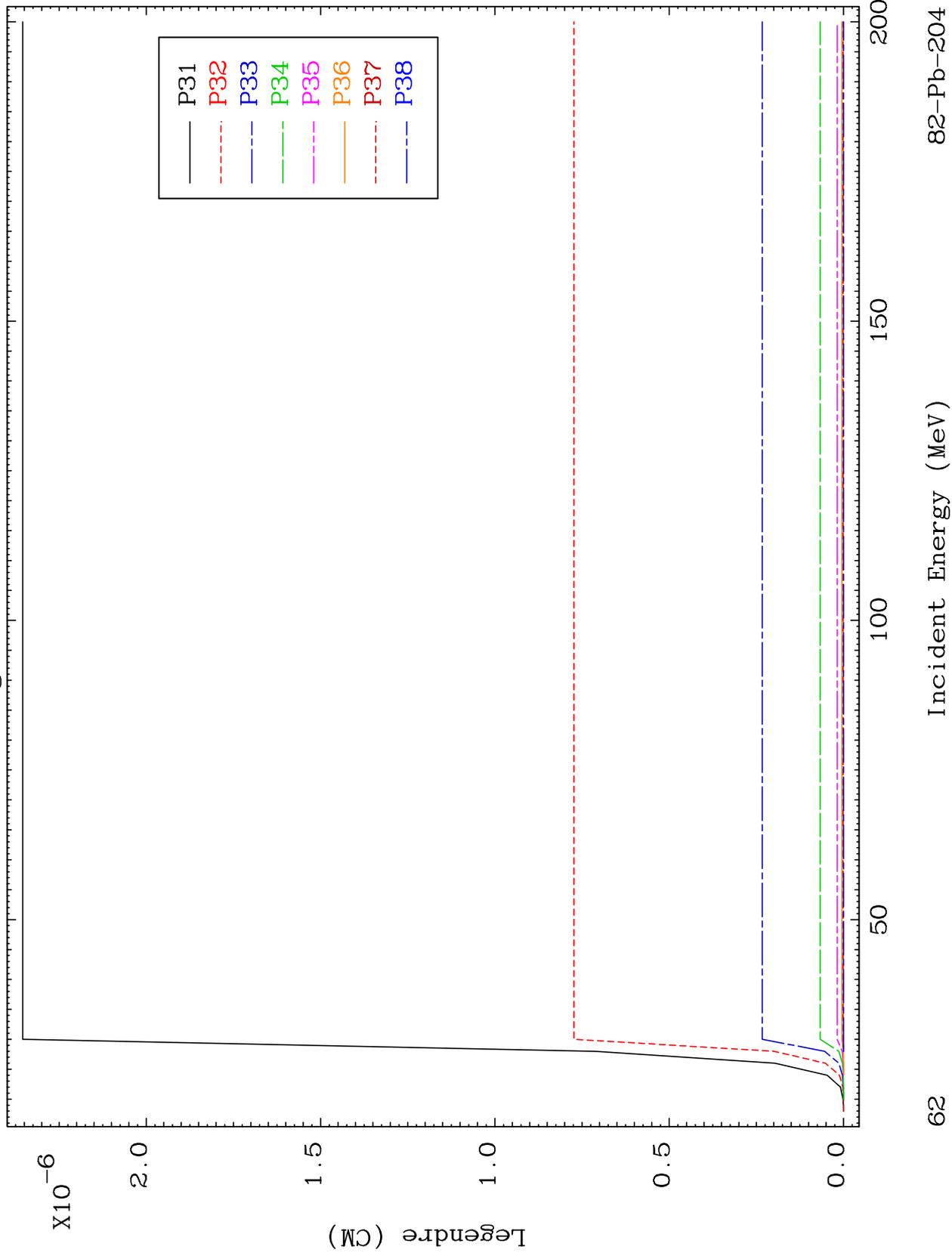
Incident Energy (MeV)

82-Pb-204

MAT 8225

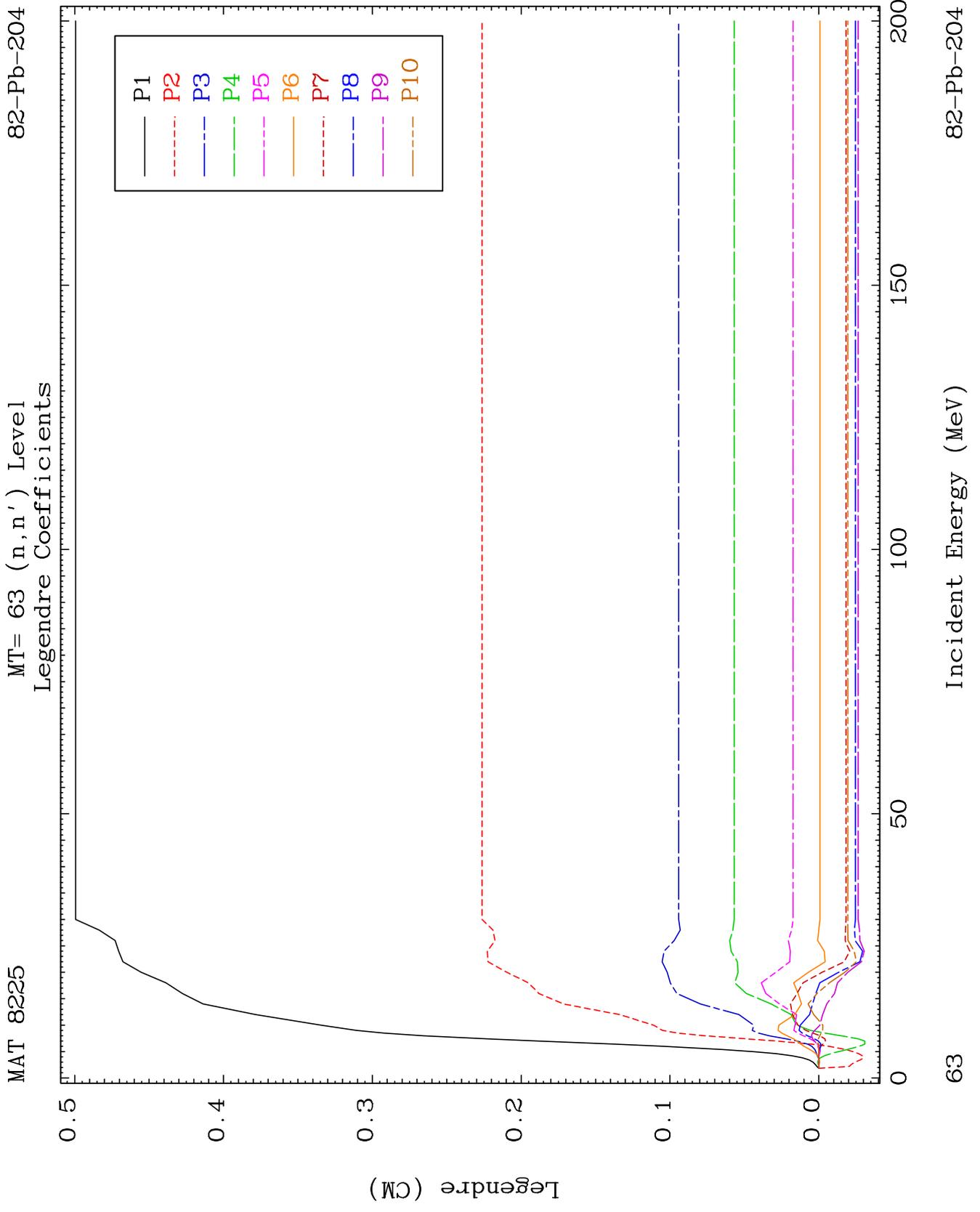
MT= 62 (n,n') Level
Legendre Coefficients

82-Pb-204



62

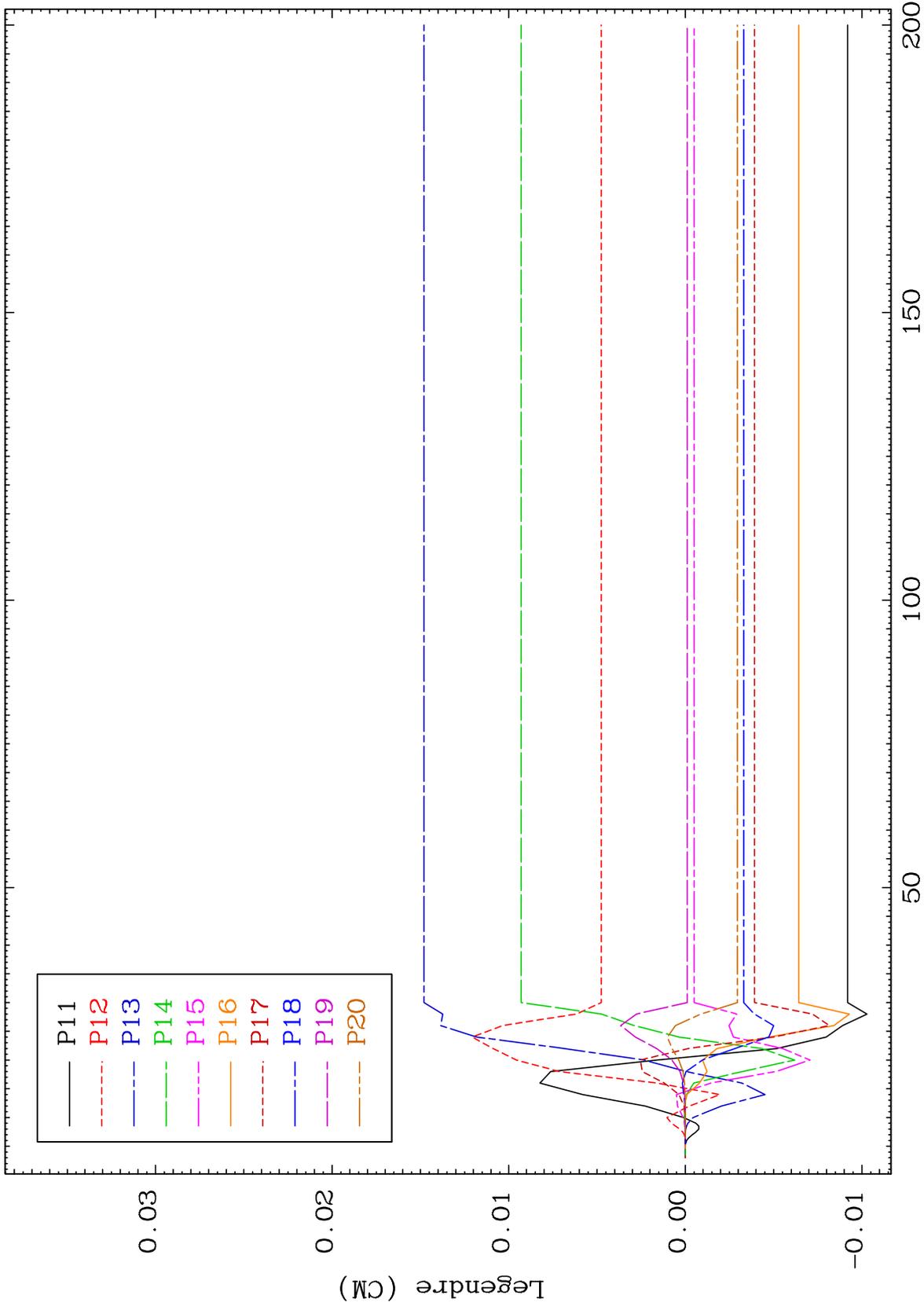
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MAT 8225

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

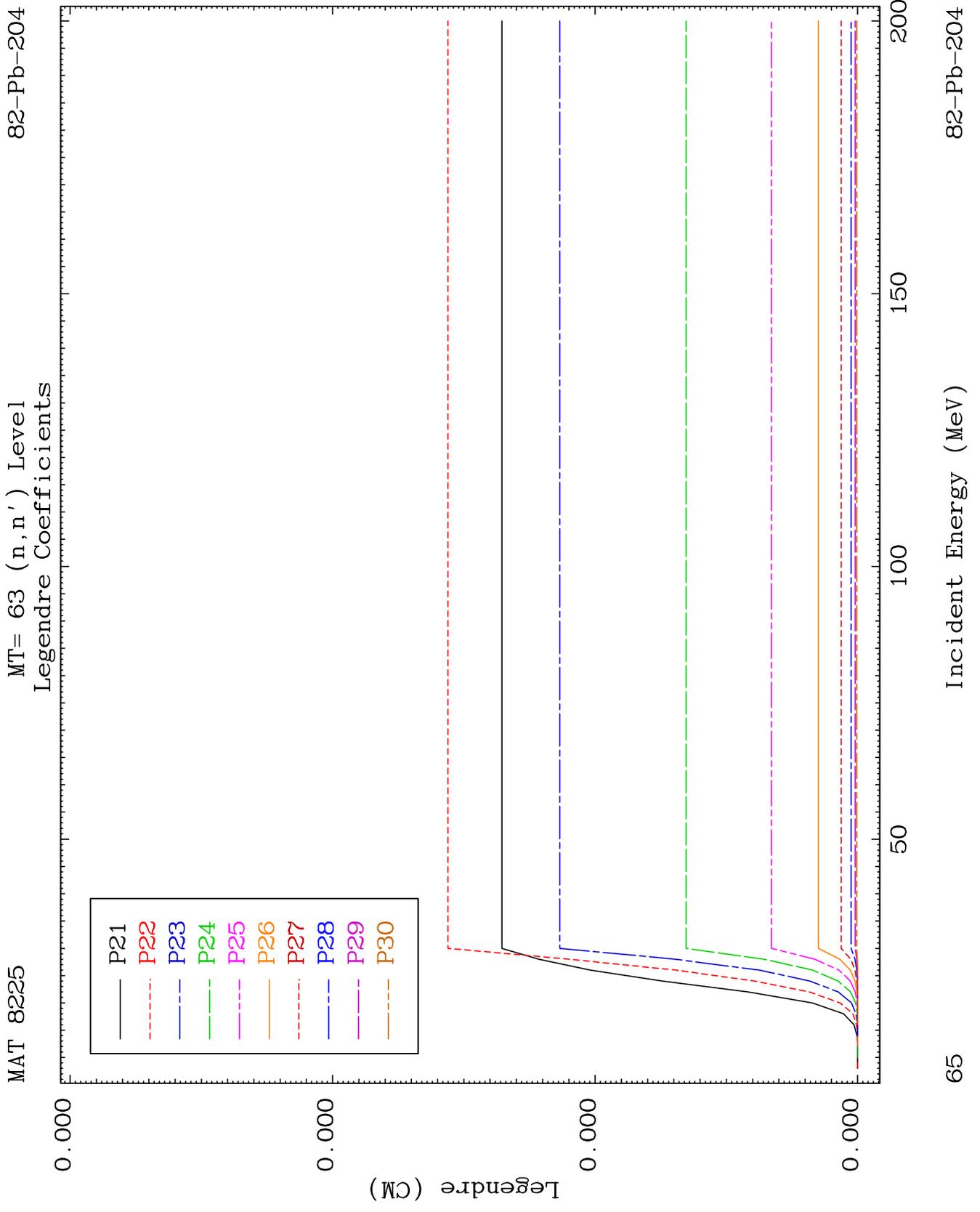
82-Pb-204



64

Incident Energy (MeV)

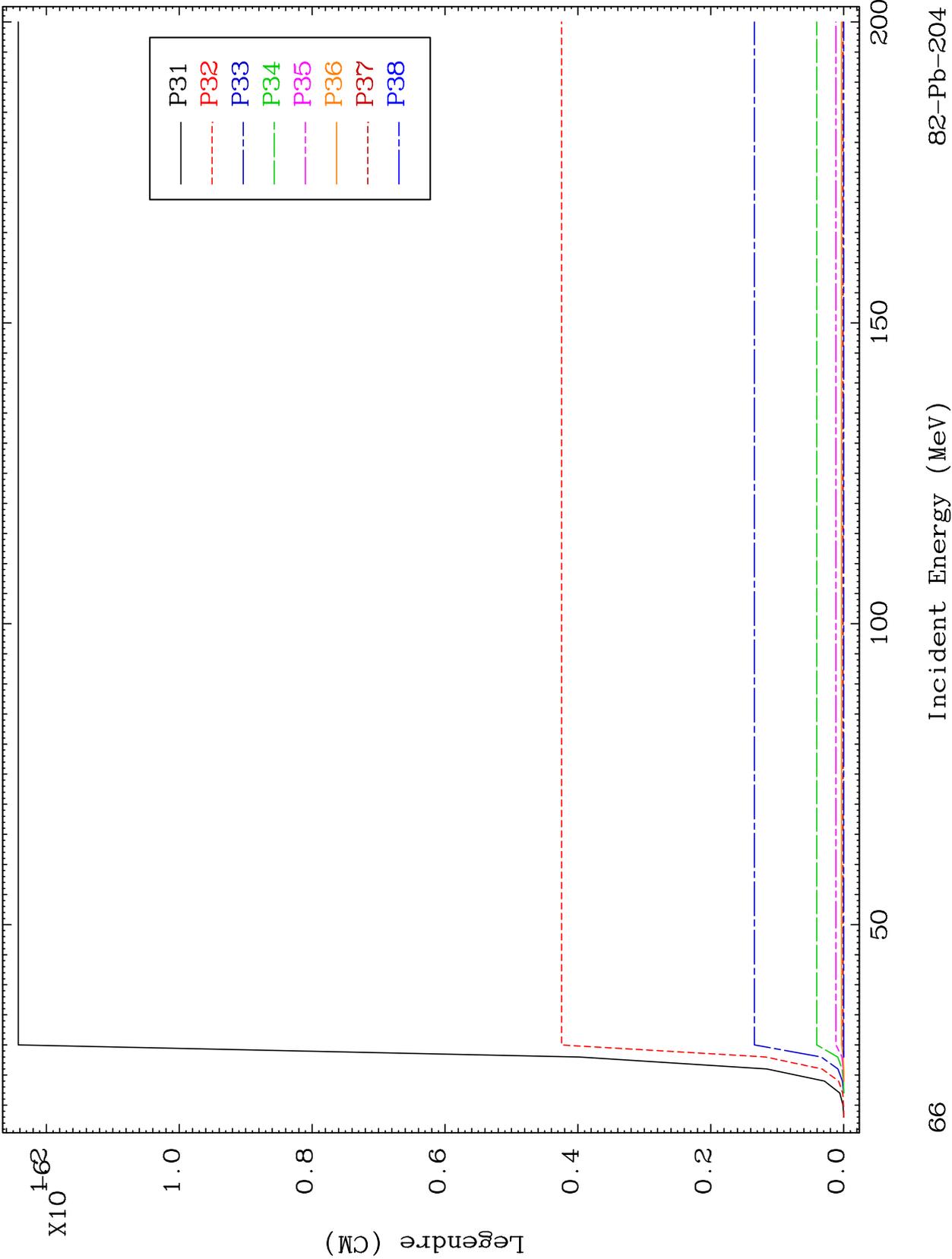
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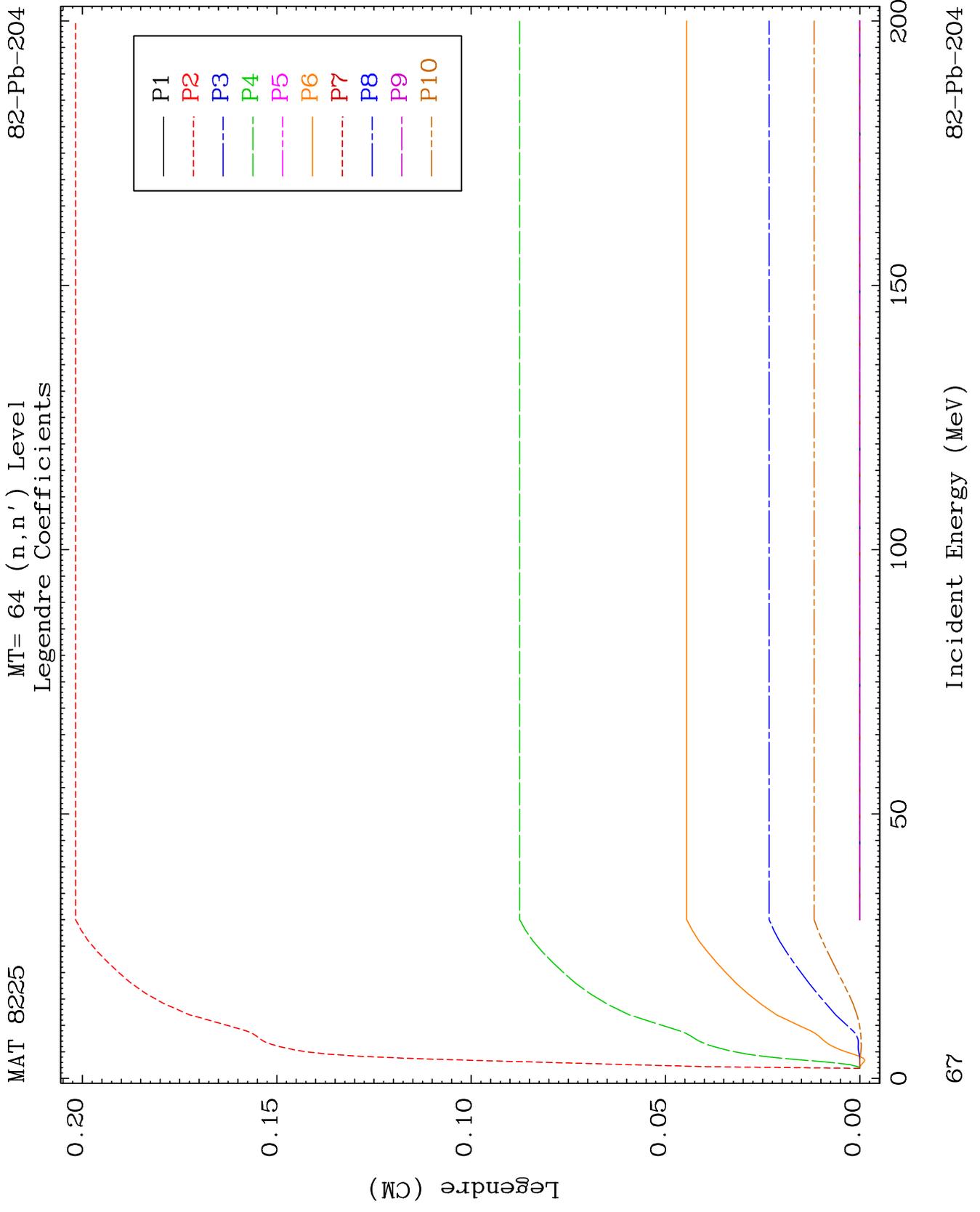


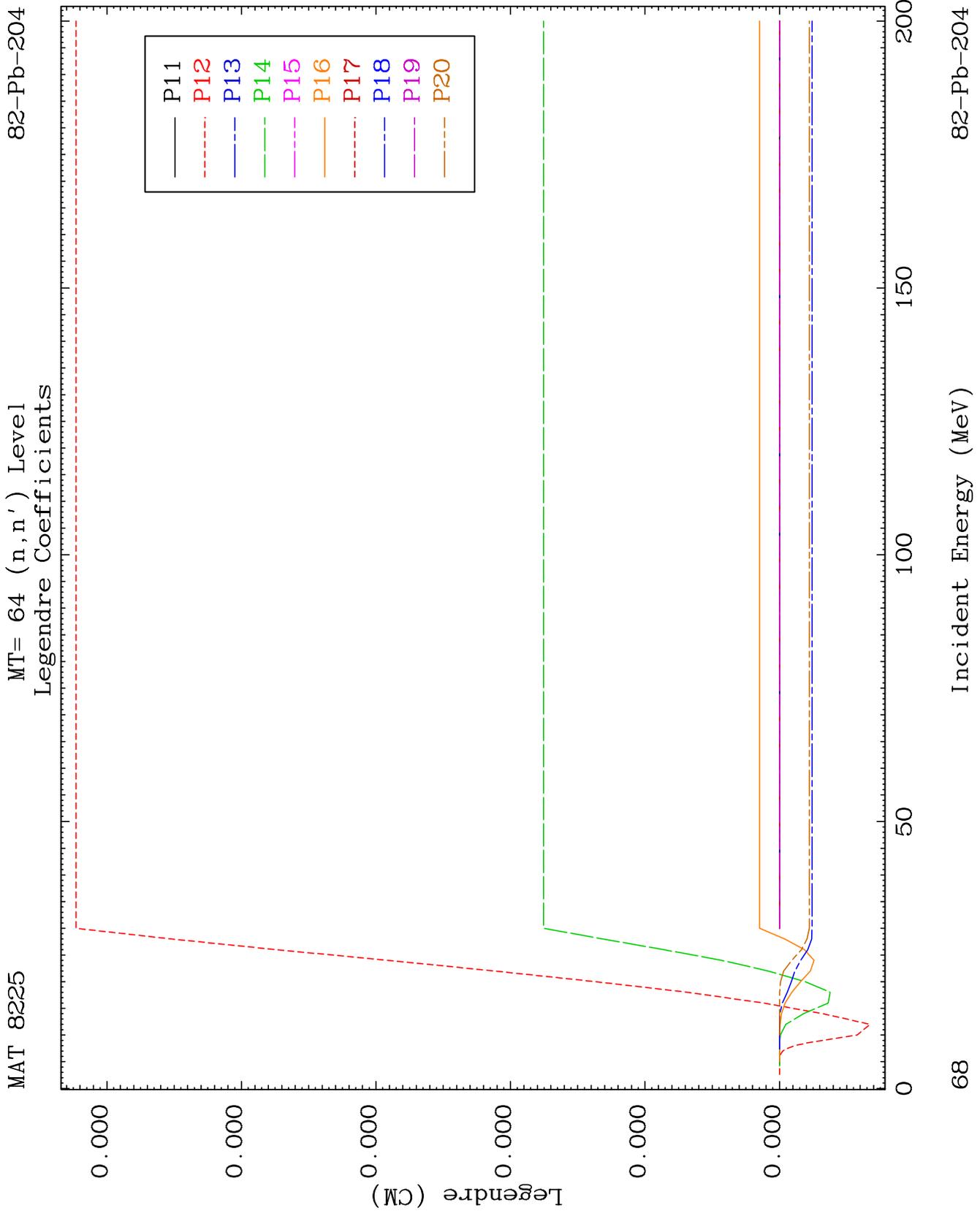
MAT 8225

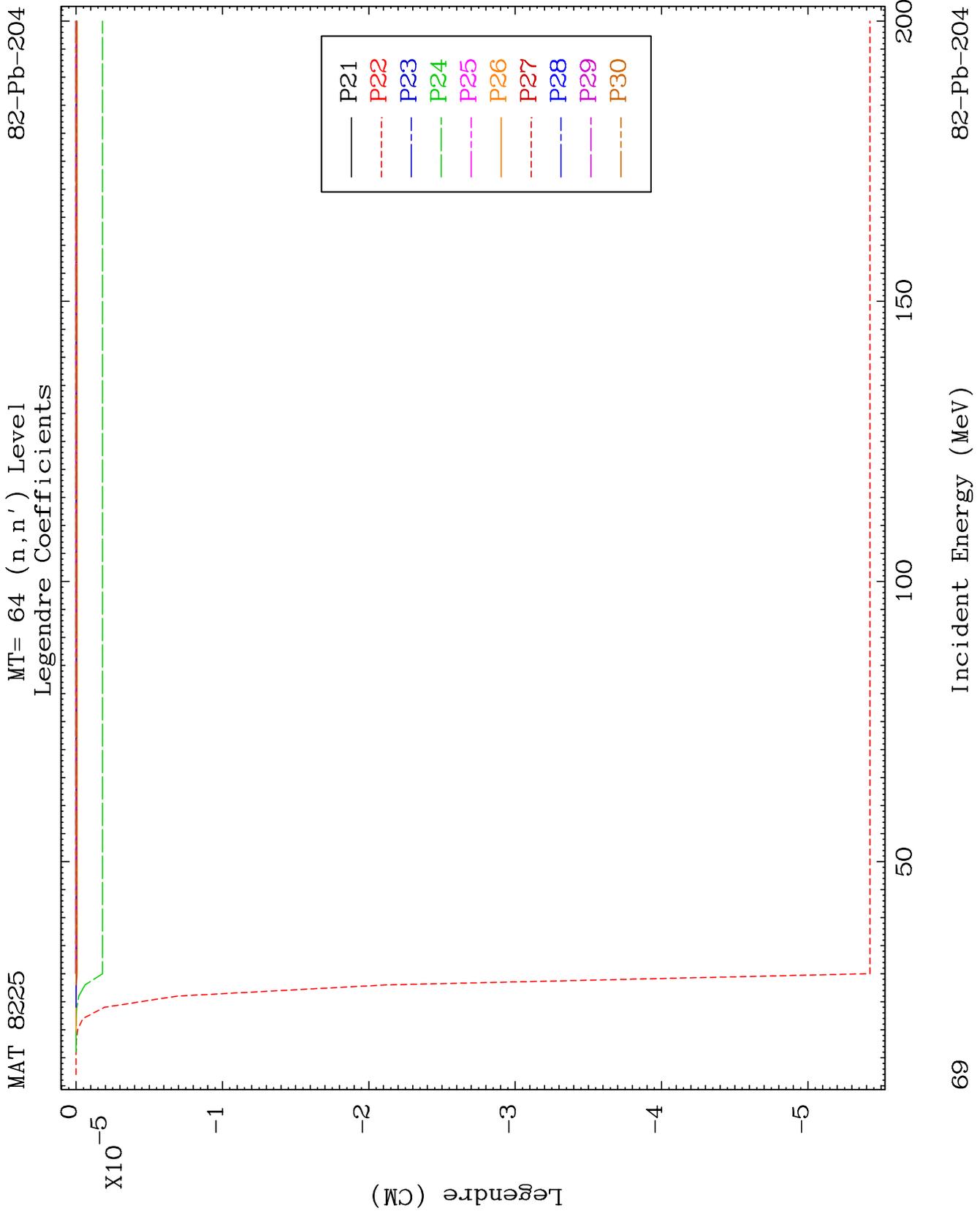
MT= 63 (n,n') Level
Legendre Coefficients

82-Pb-204





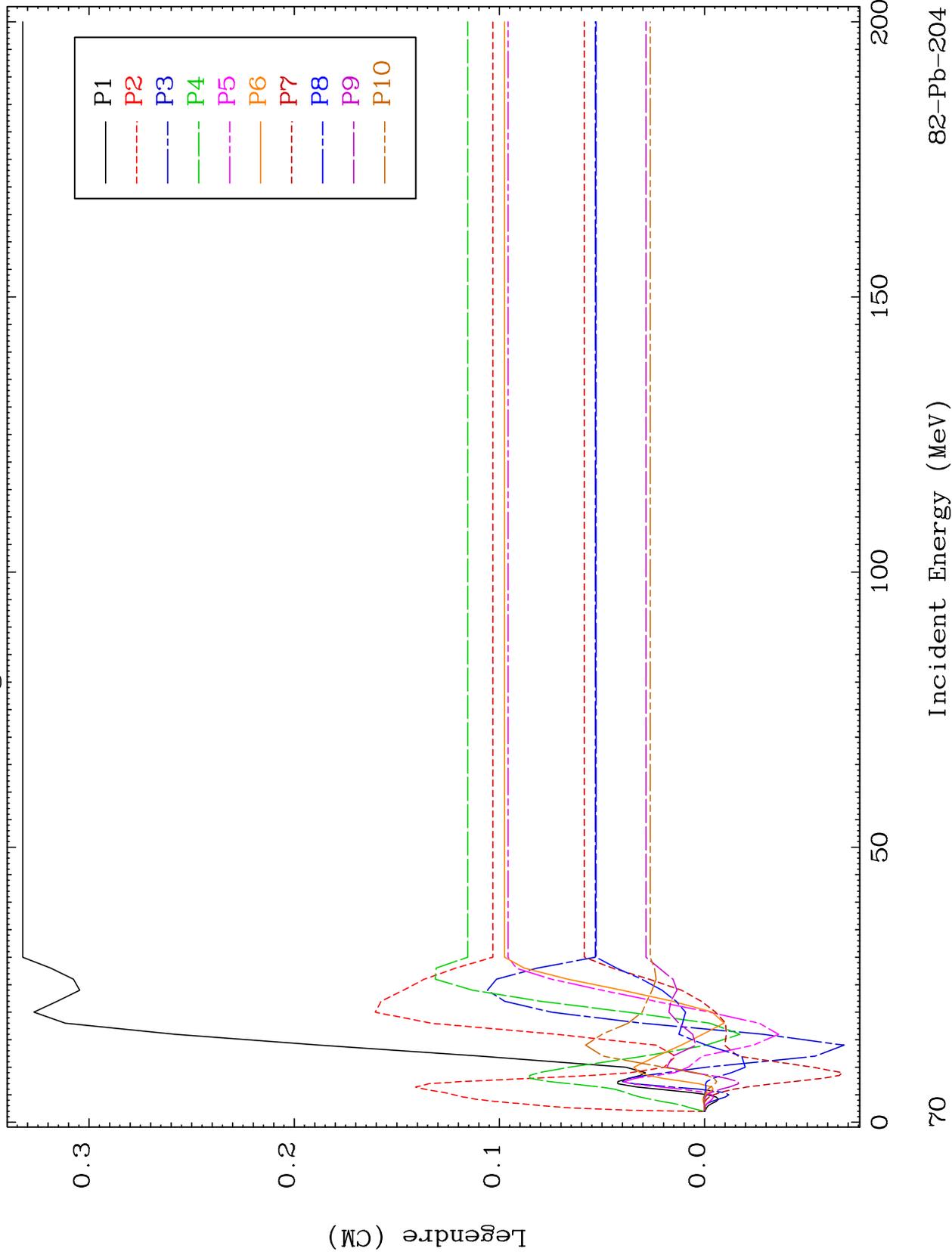




MAT 8225

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

82-Pb-204



82-Pb-204

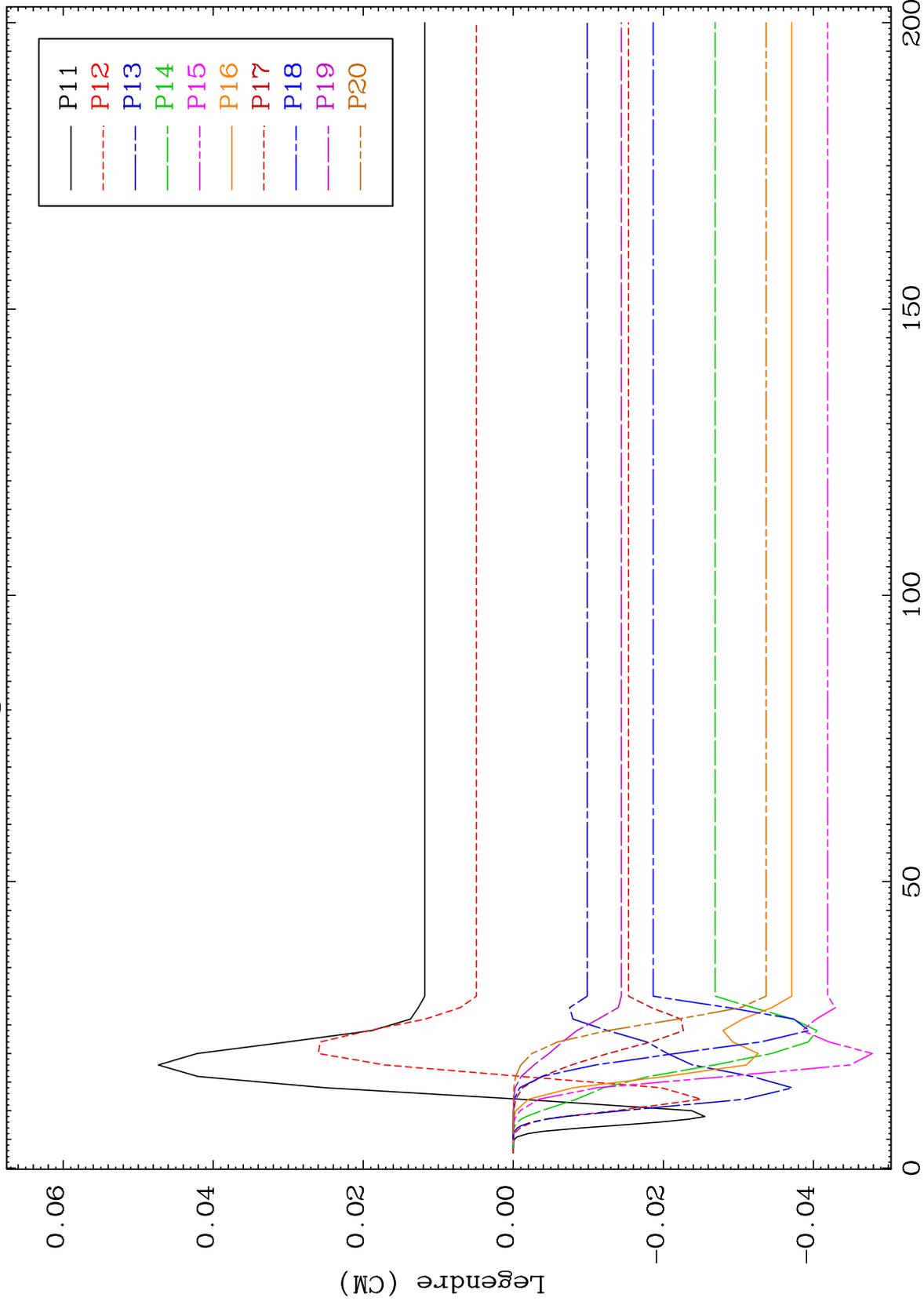
Incident Energy (MeV)

70

MAT 8225

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

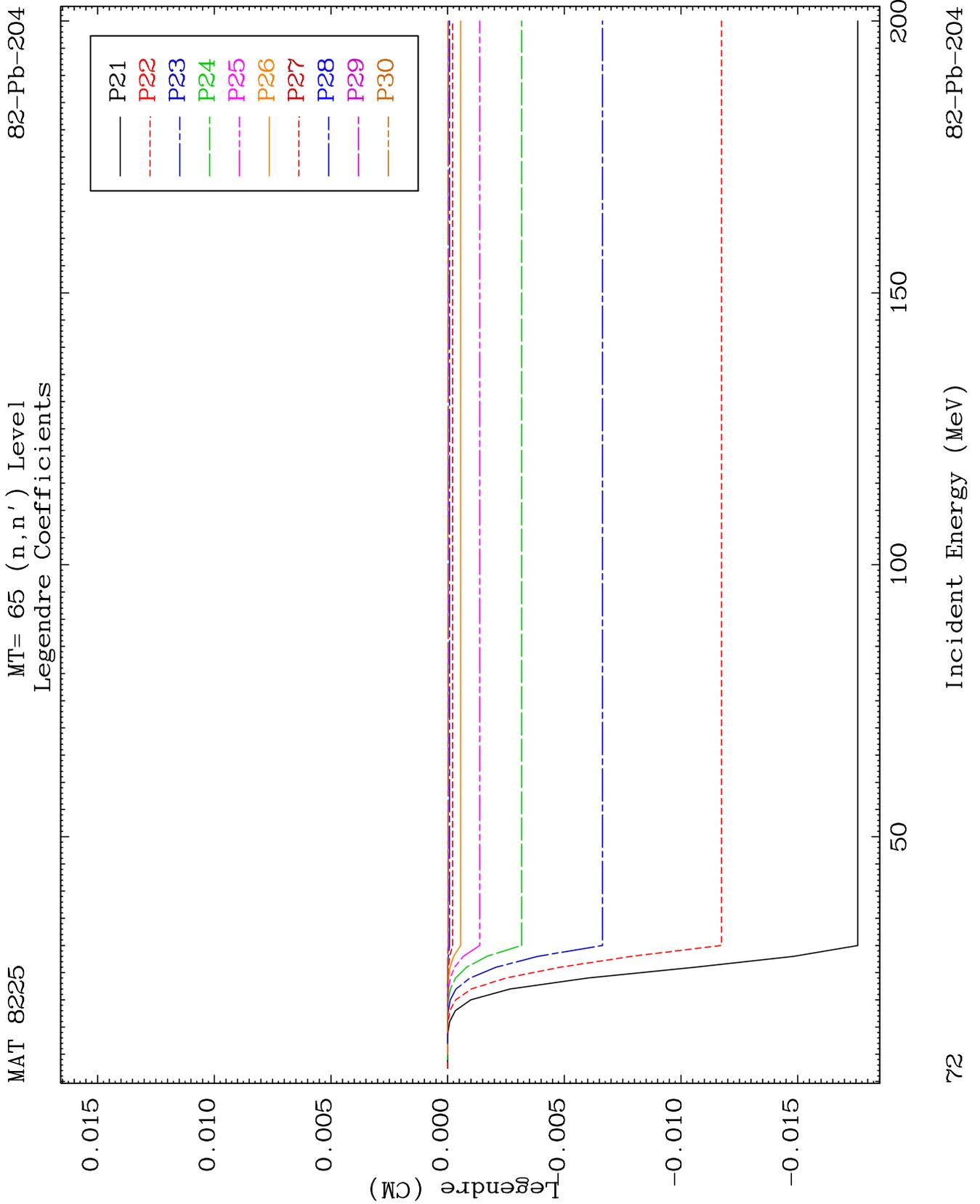
82-Pb-204

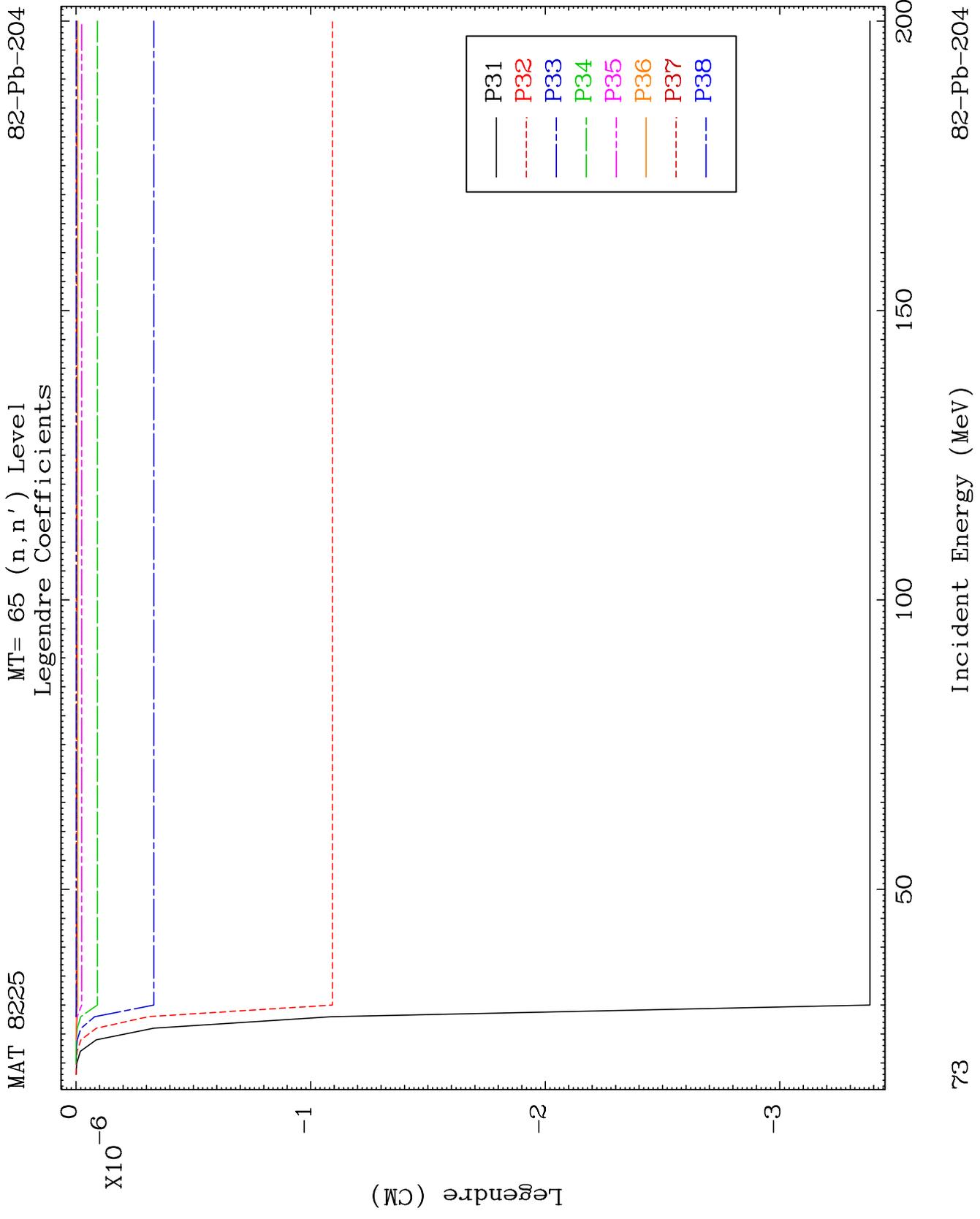


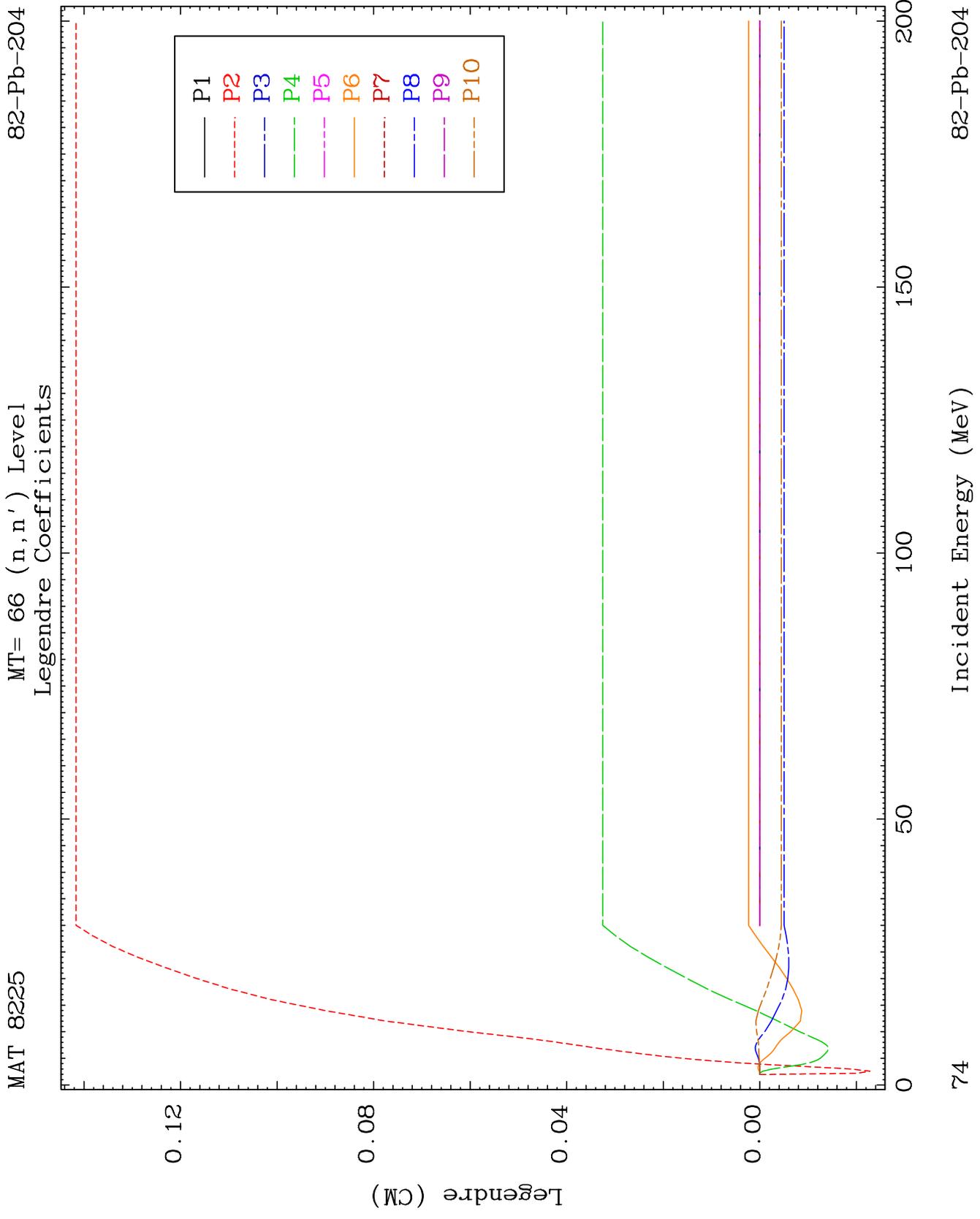
71

Incident Energy (MeV)

82-Pb-204



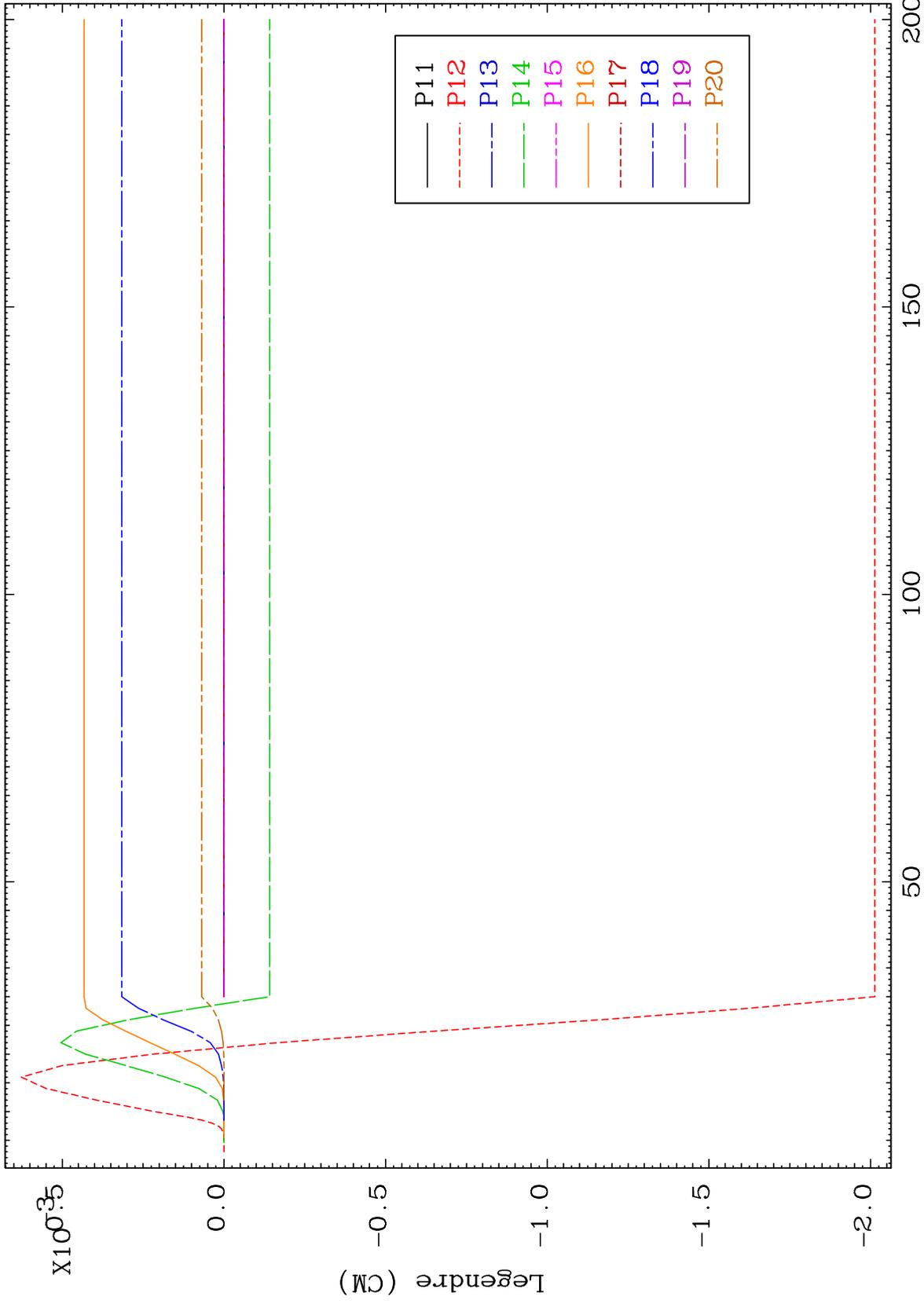




MAT 8225

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

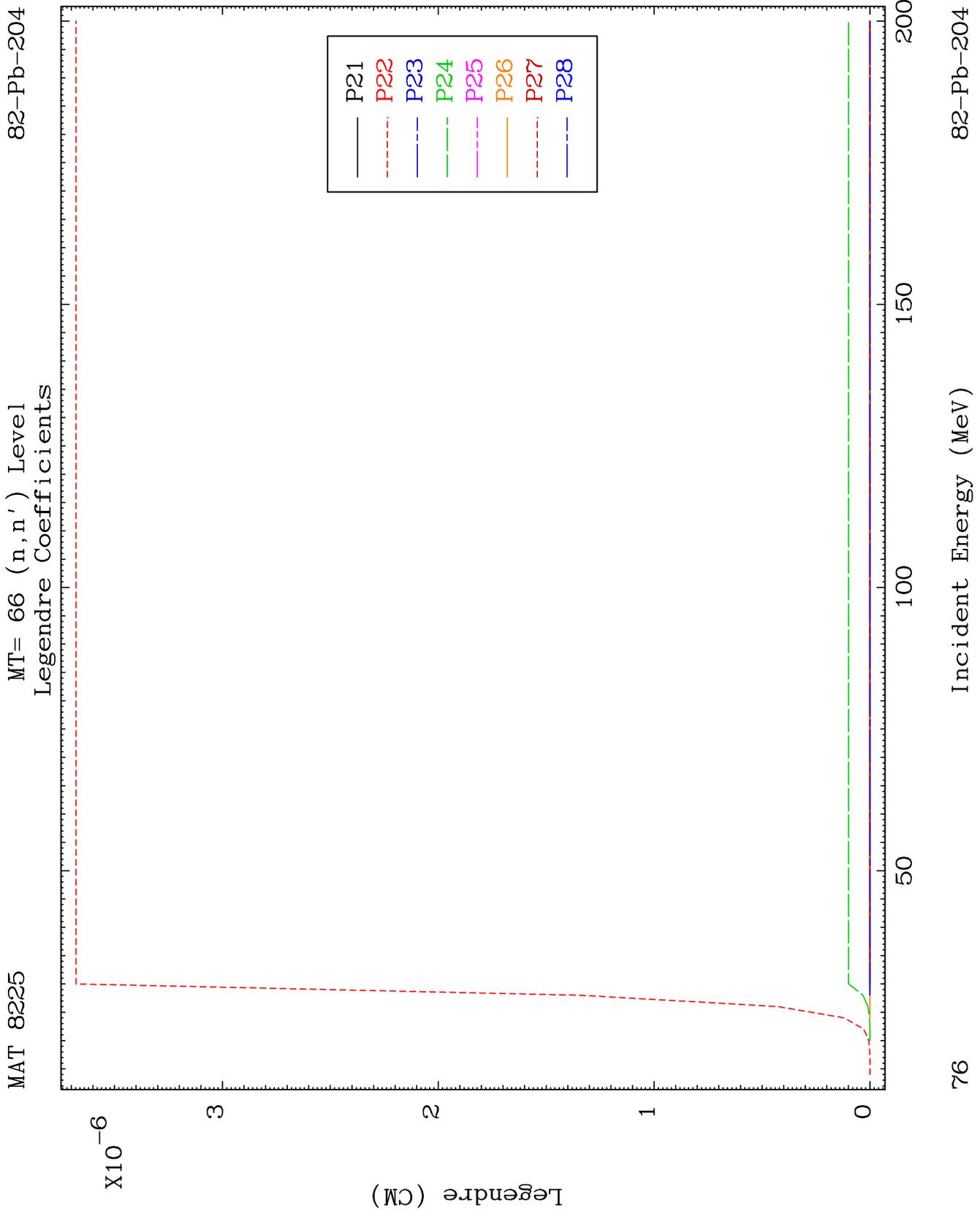
82-Pb-204



75

Incident Energy (MeV)

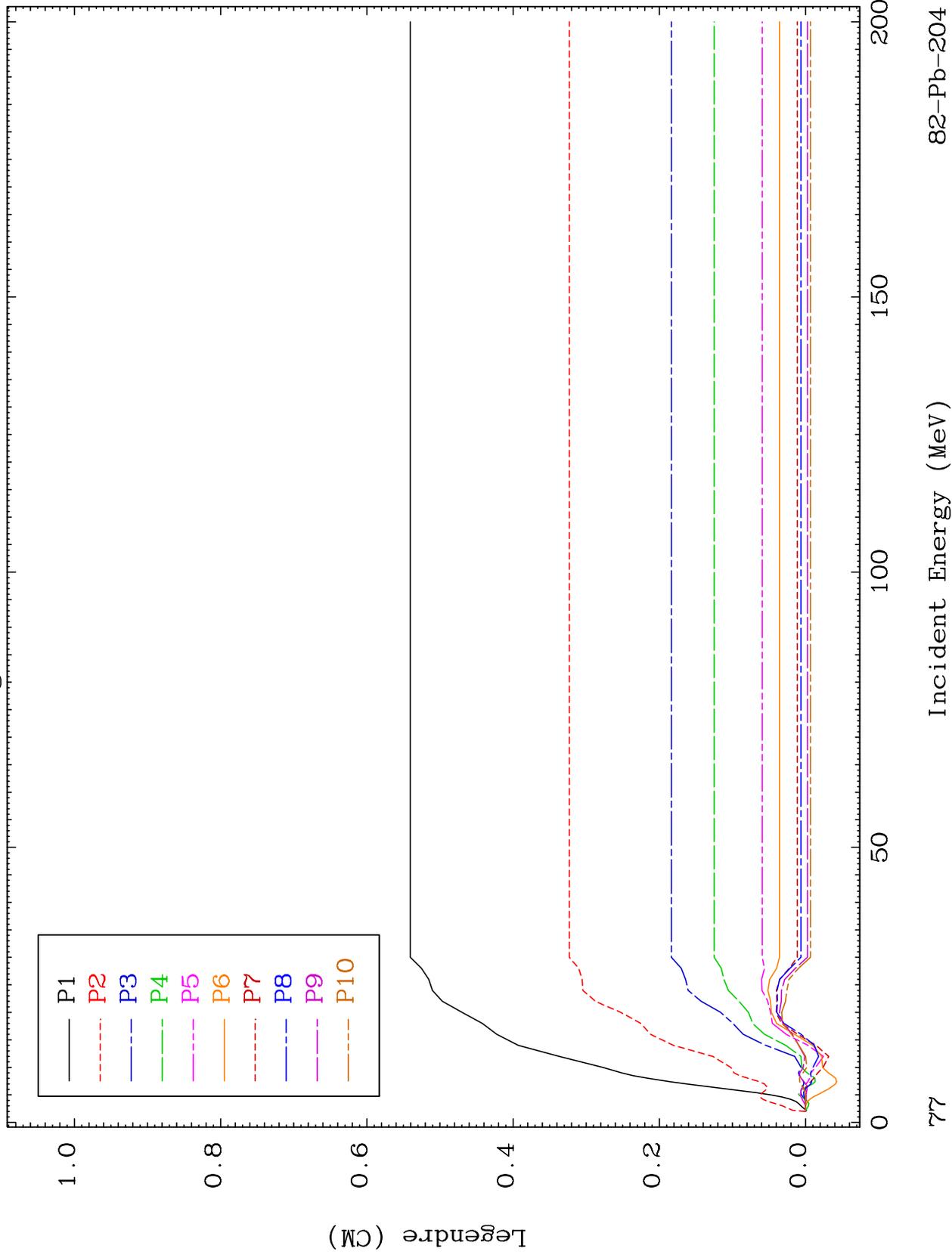
82-Pb-204



MAT 8225

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

82-Pb-204



82-Pb-204

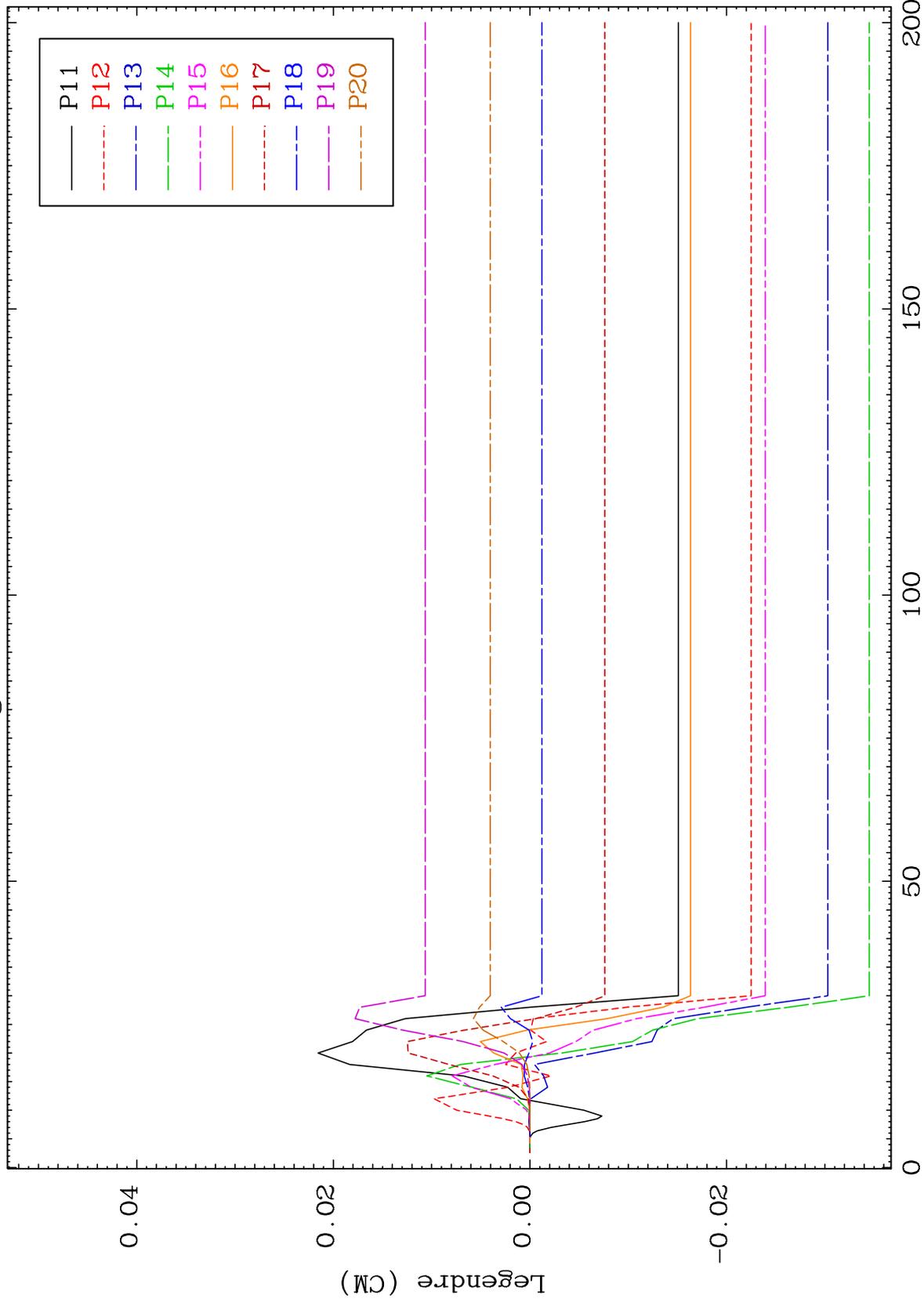
Incident Energy (MeV)

77

MAT 8225

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

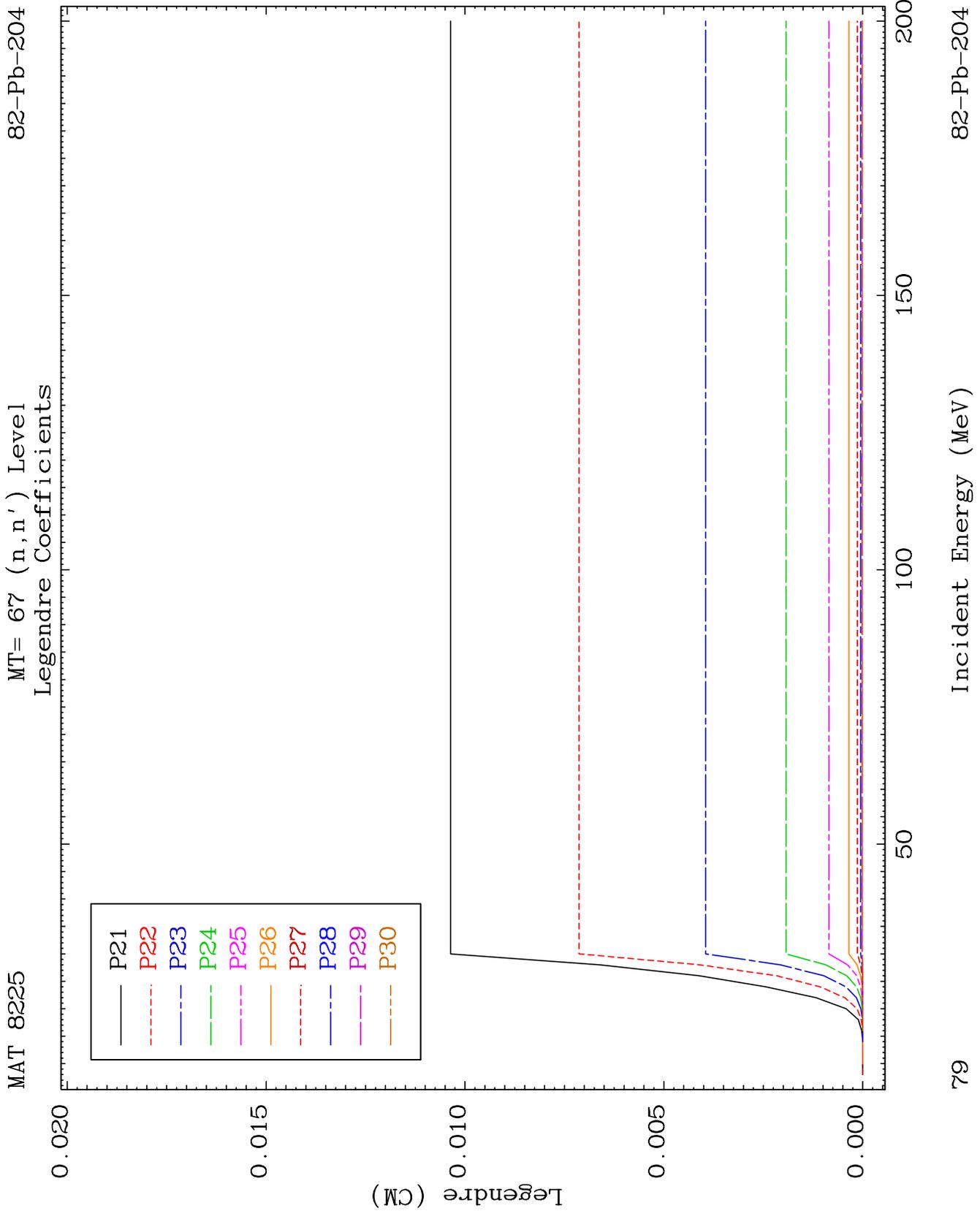
82-Pb-204



78

Incident Energy (MeV)

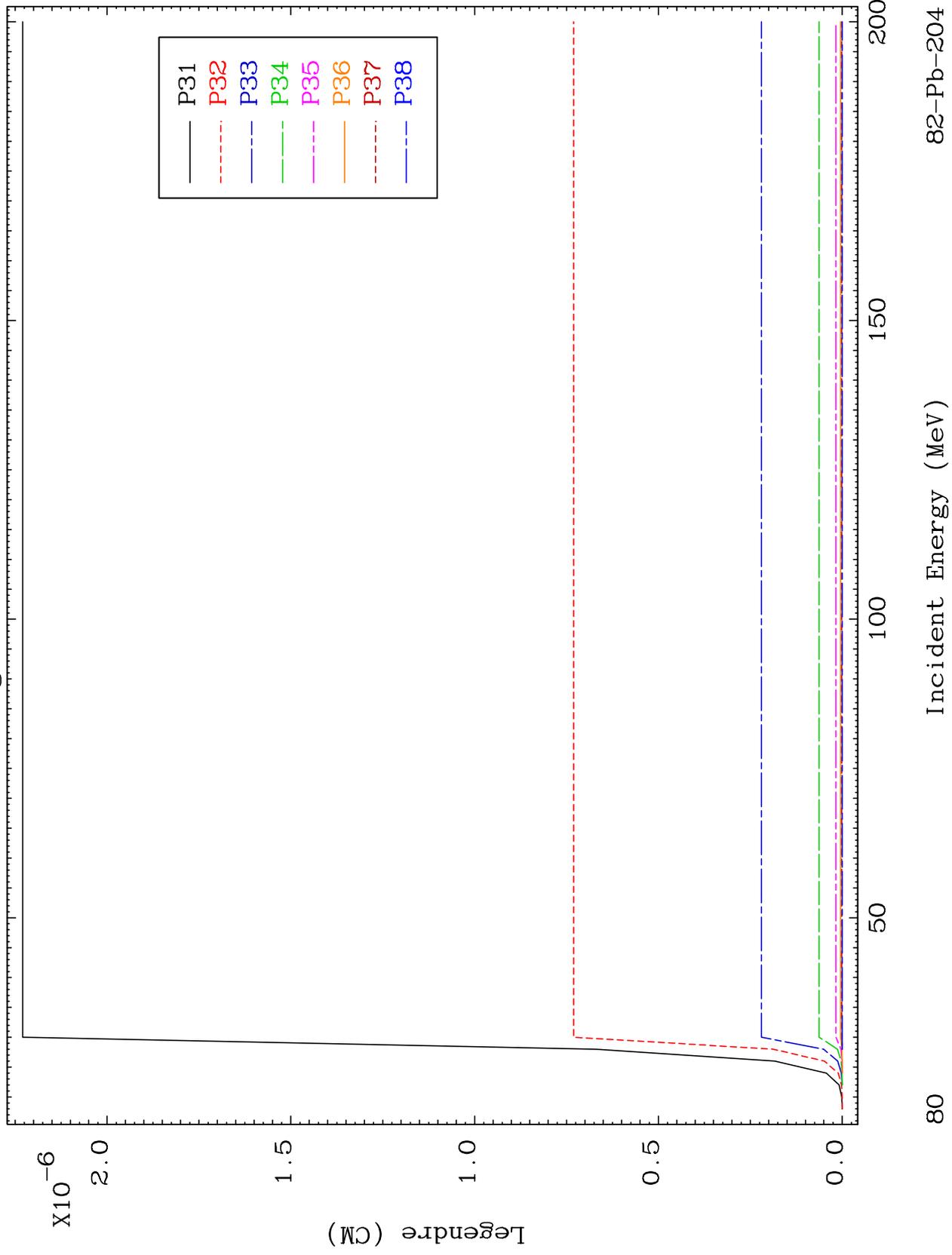
82-Pb-204



MAT 8225

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

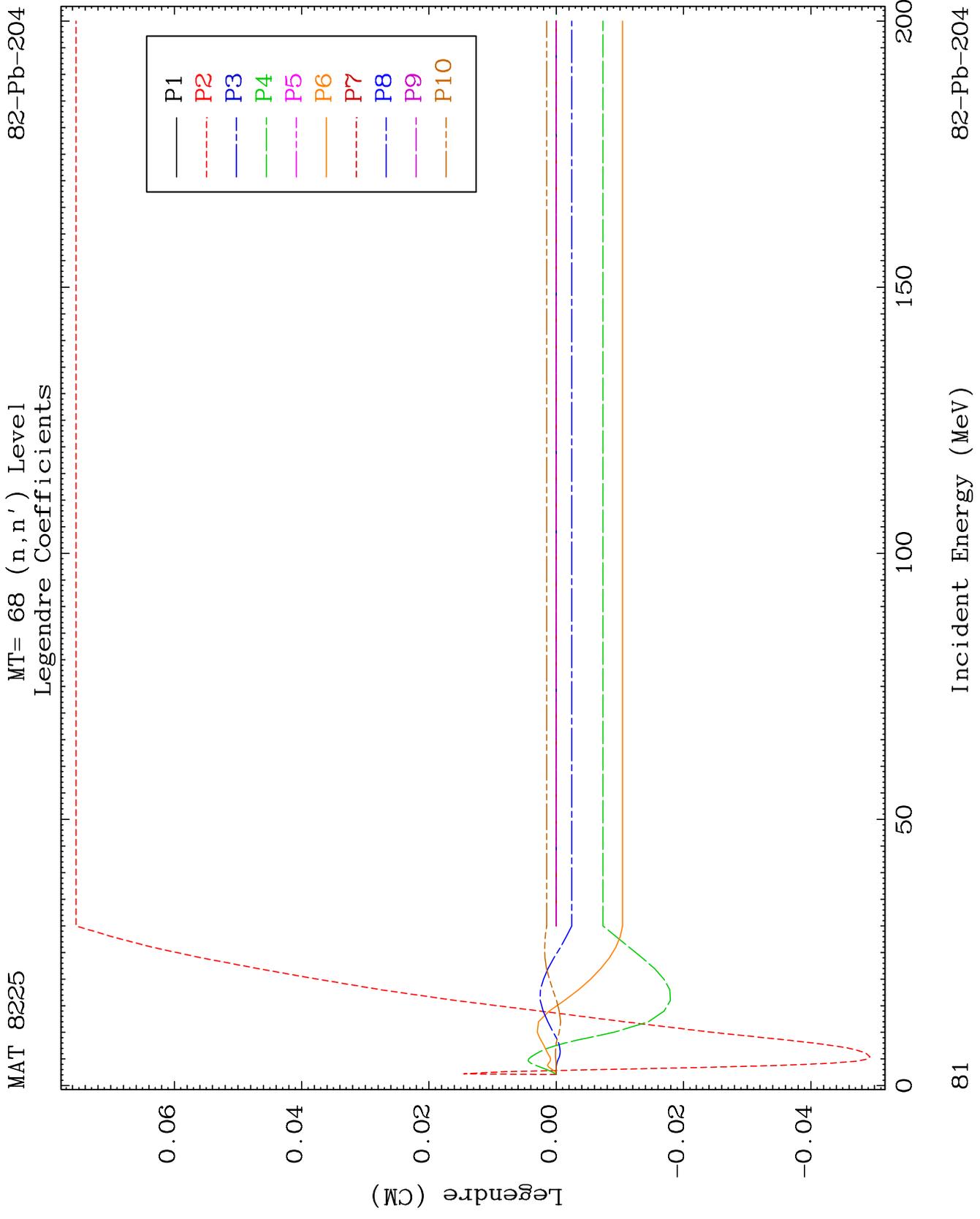
82-Pb-204



82-Pb-204

Incident Energy (MeV)

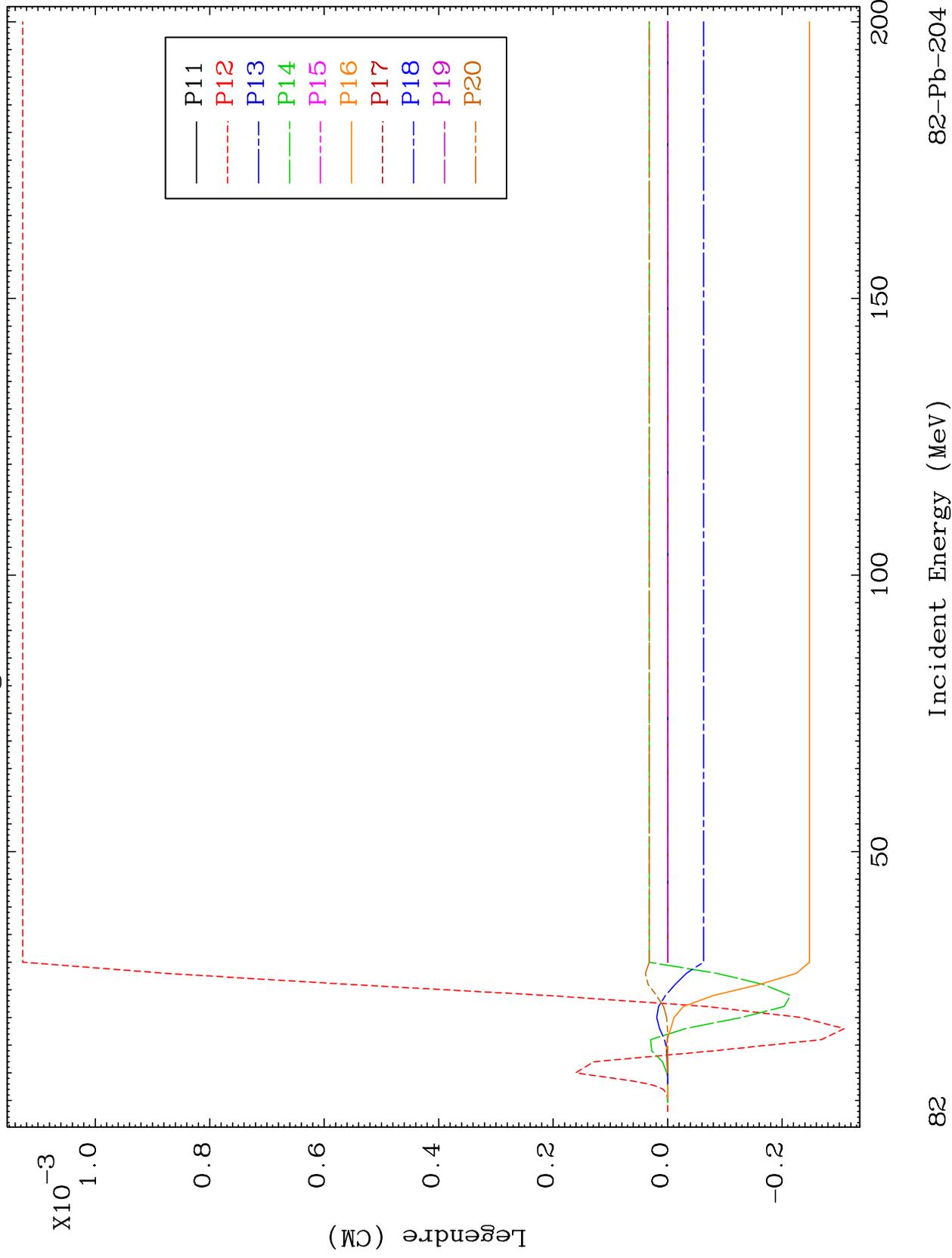
80



MAT 8225

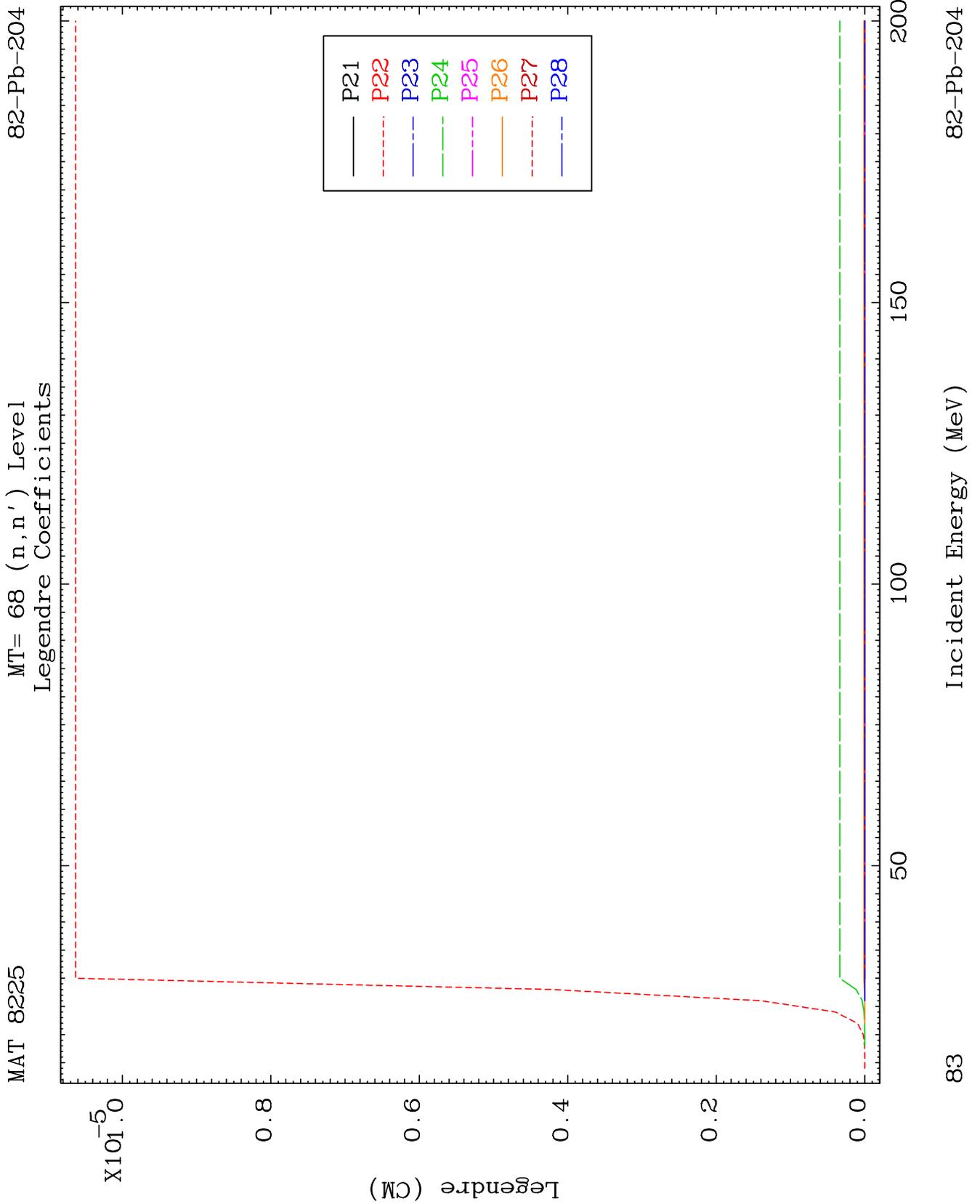
MT= 68 (n,n') Level
Legendre Coefficients

82-Pb-204



82

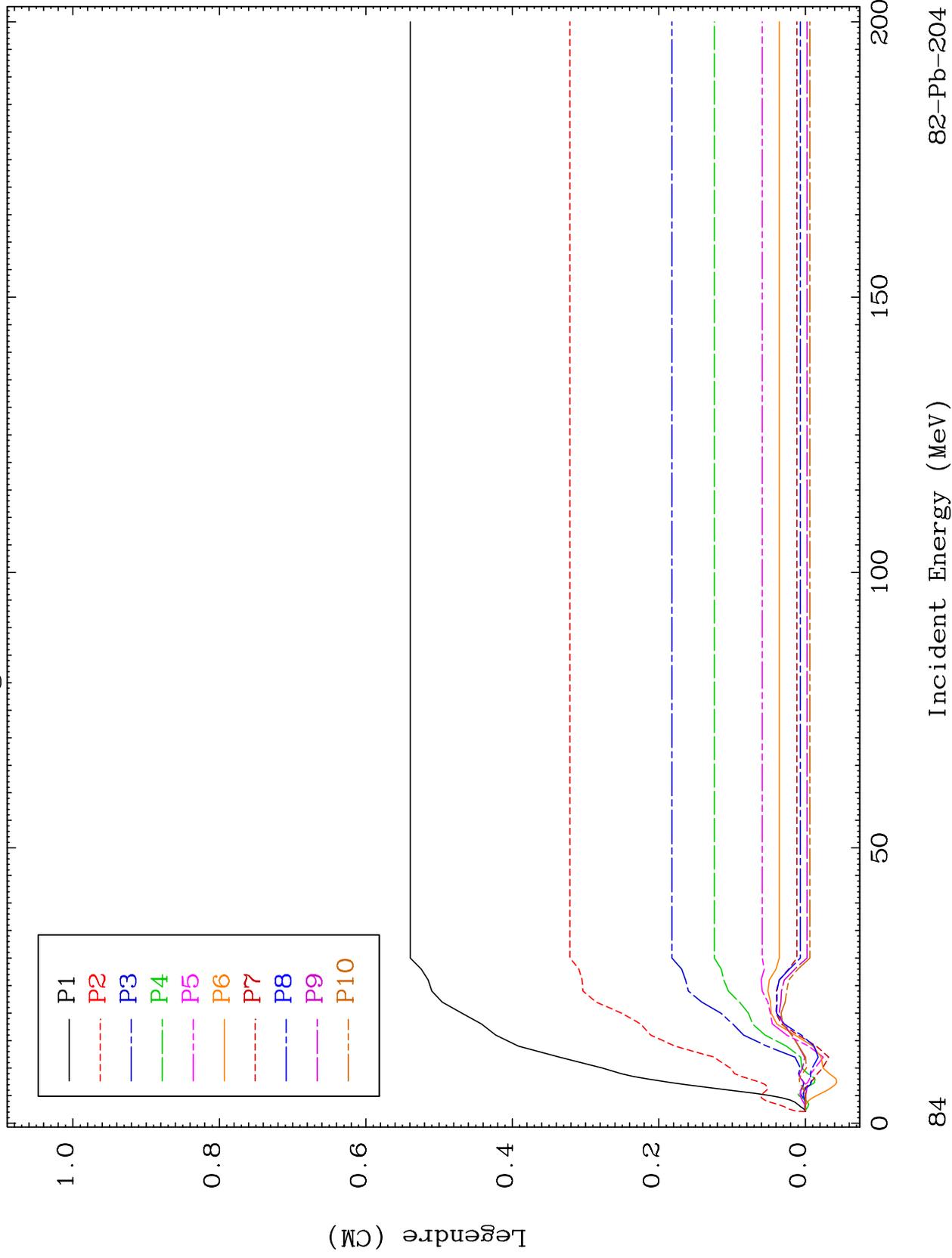
82-Pb-204



MAT 8225

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

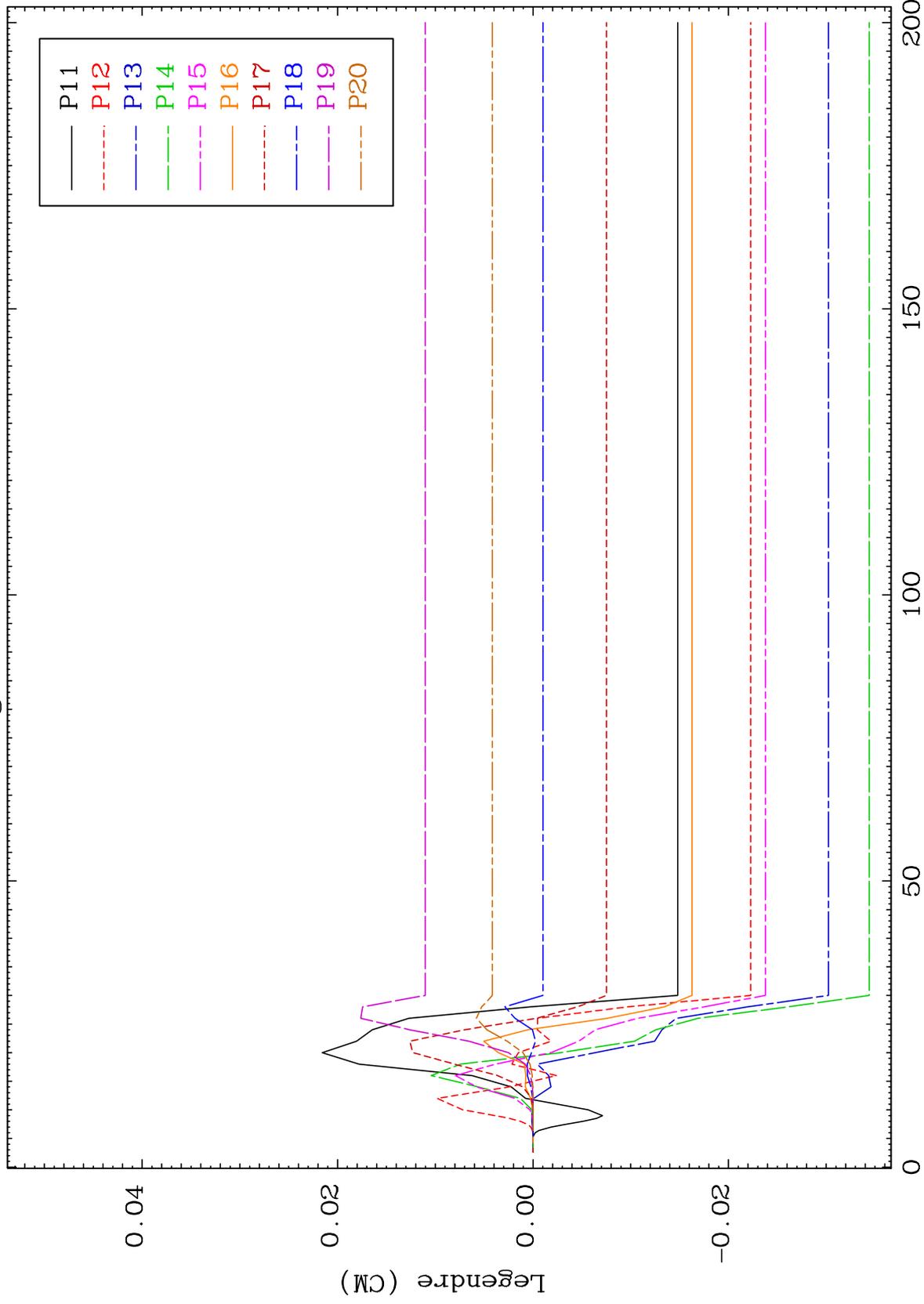
82-Pb-204



MAT 8225

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

82-Pb-204



85

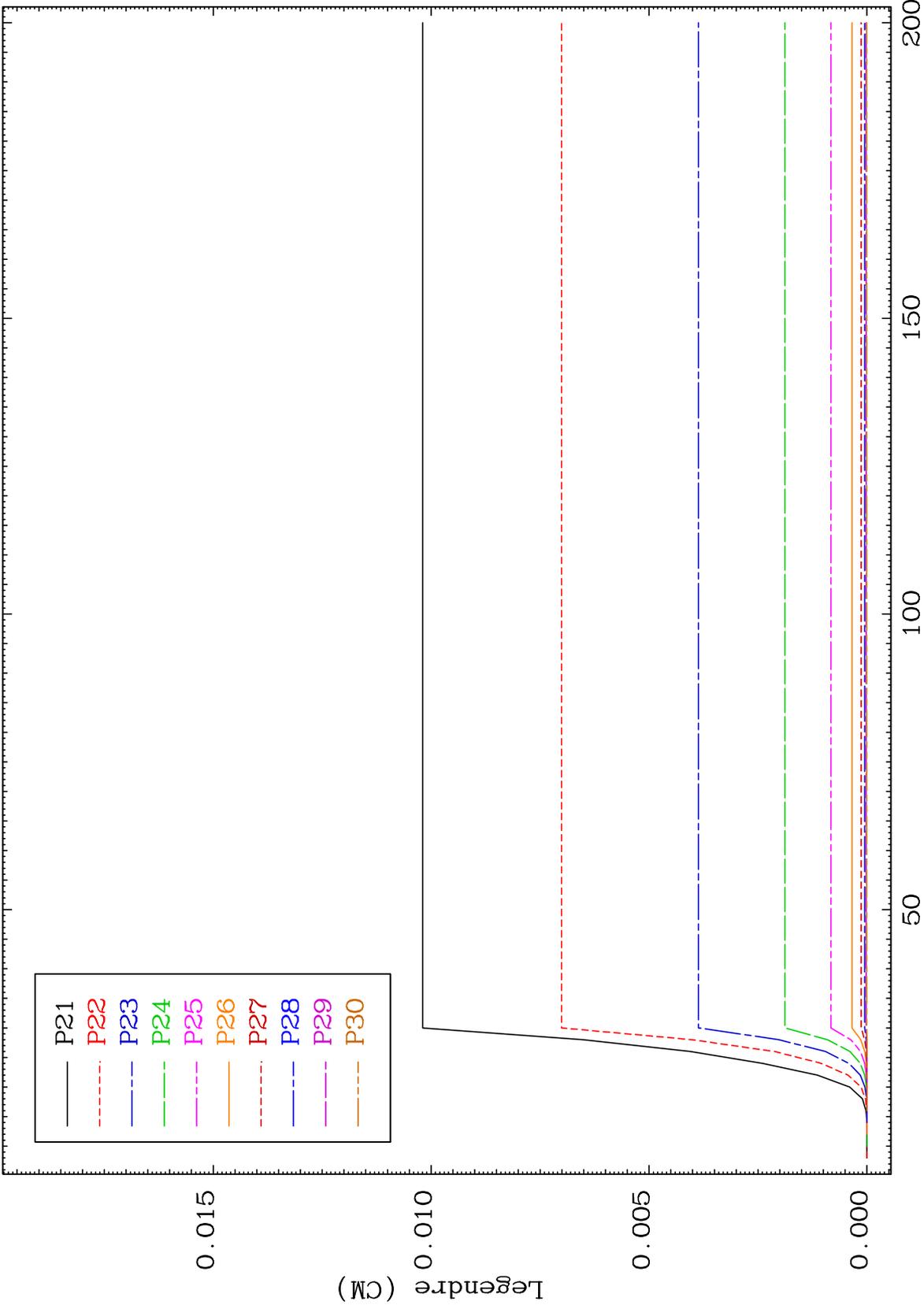
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



86

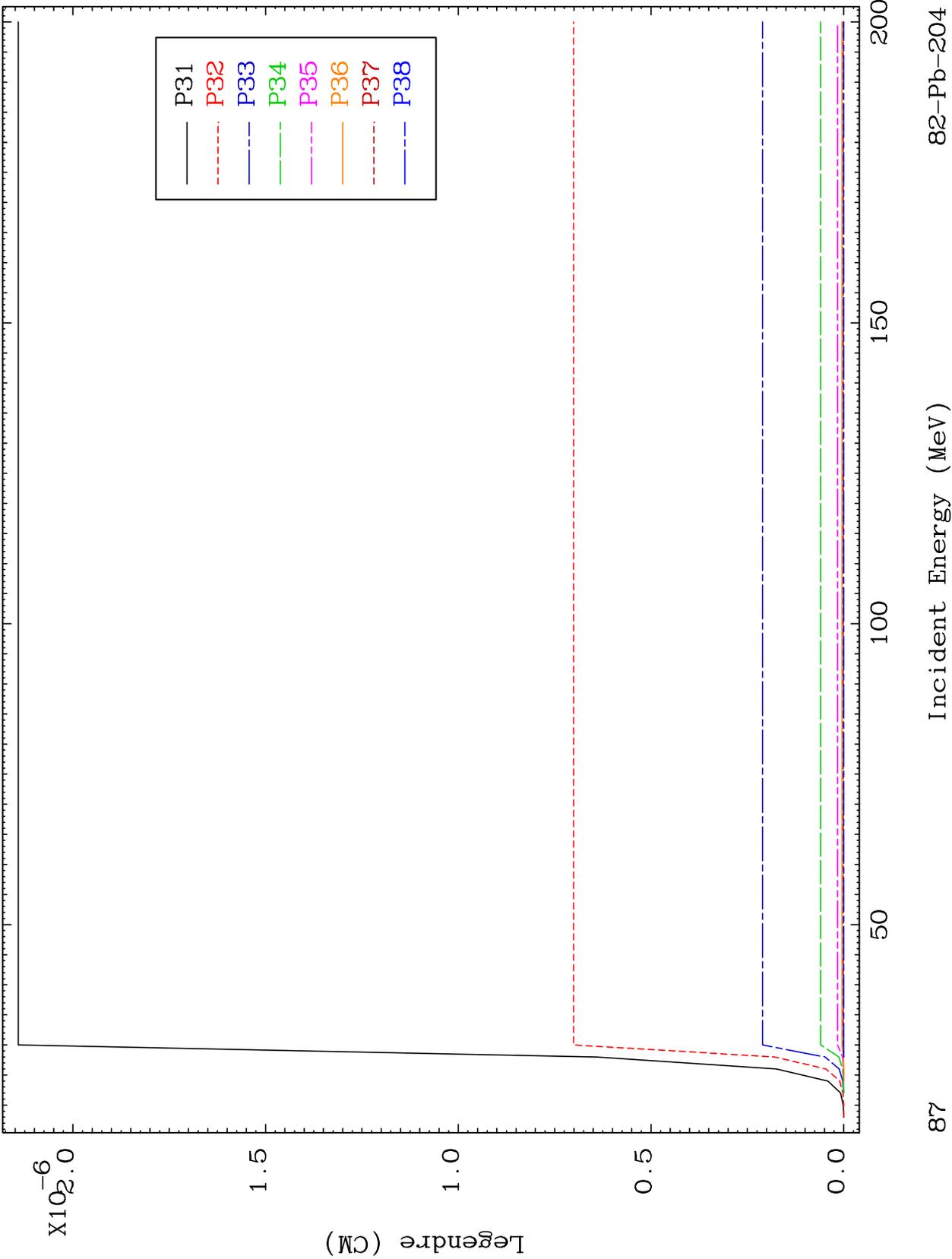
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

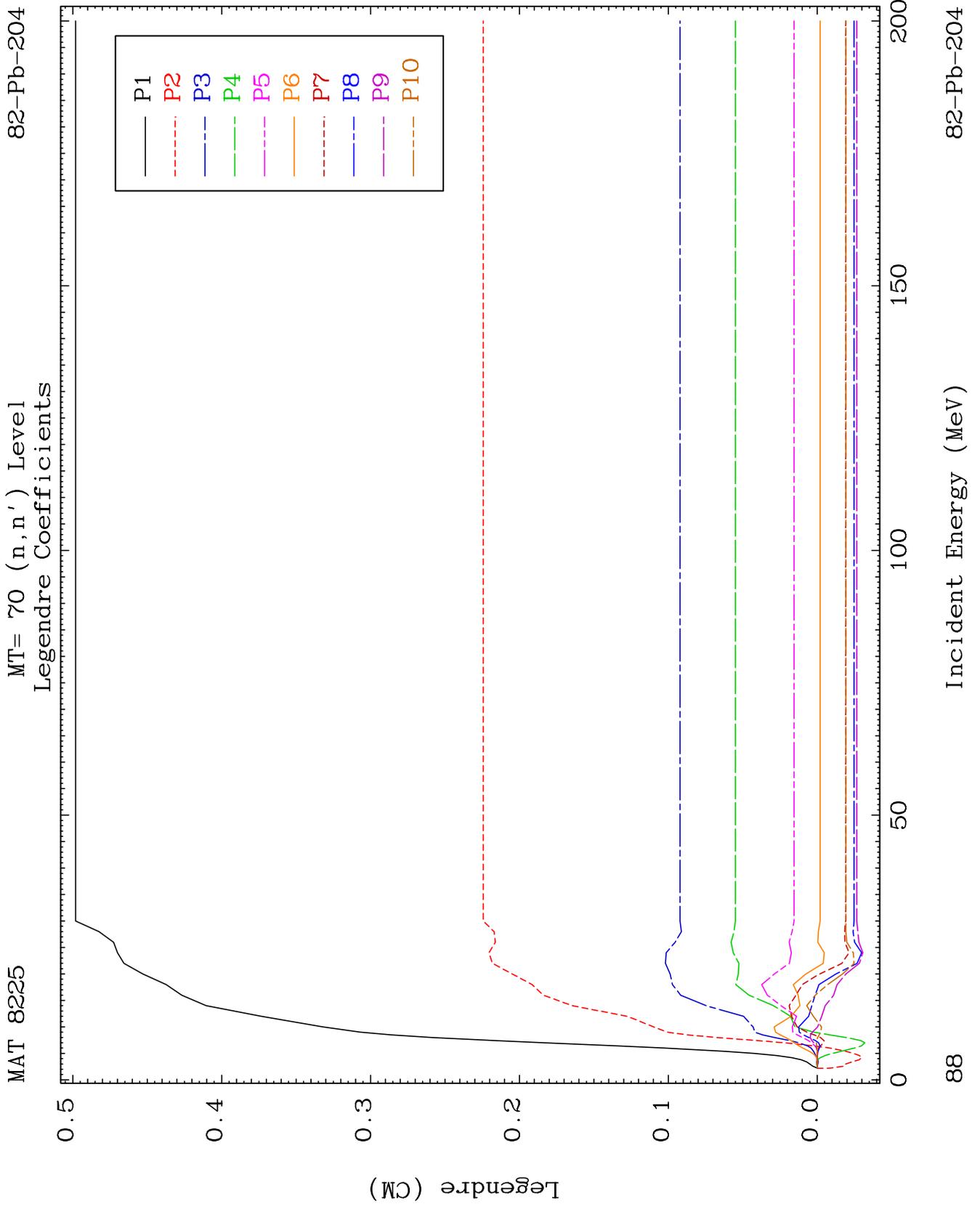
82-Pb-204



87

Incident Energy (MeV)

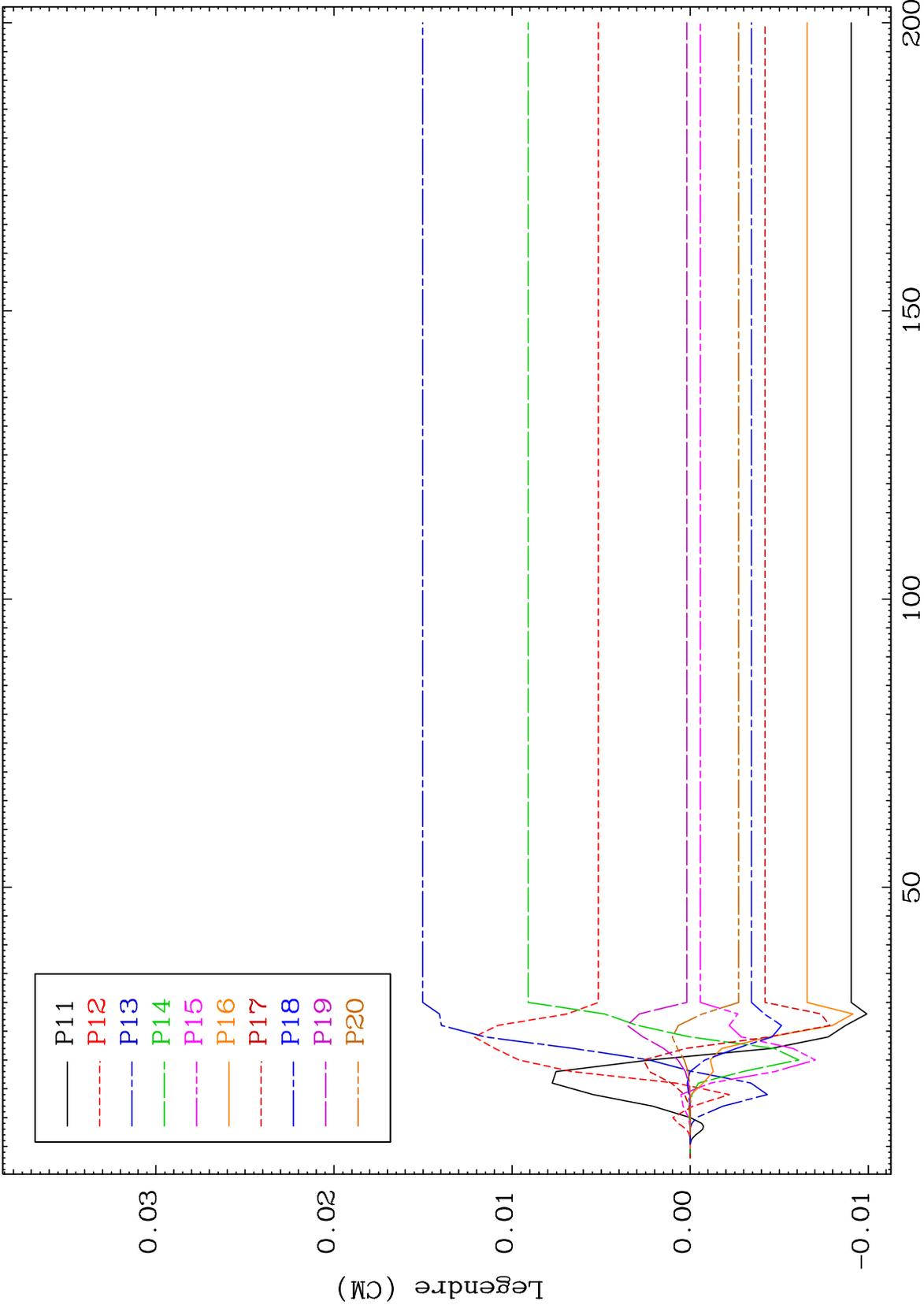
82-Pb-204



MAT 8225

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

82-Pb-204



89

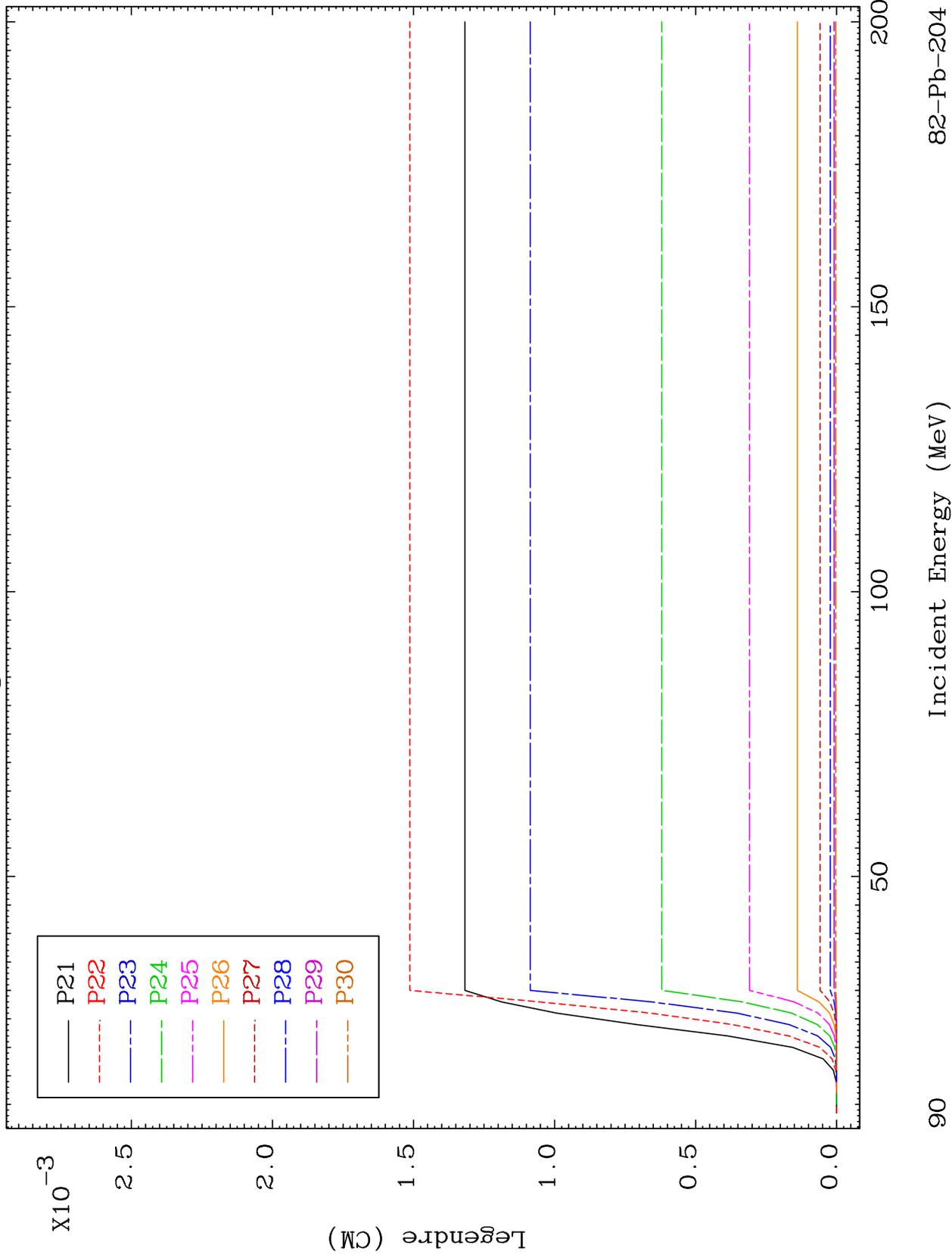
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

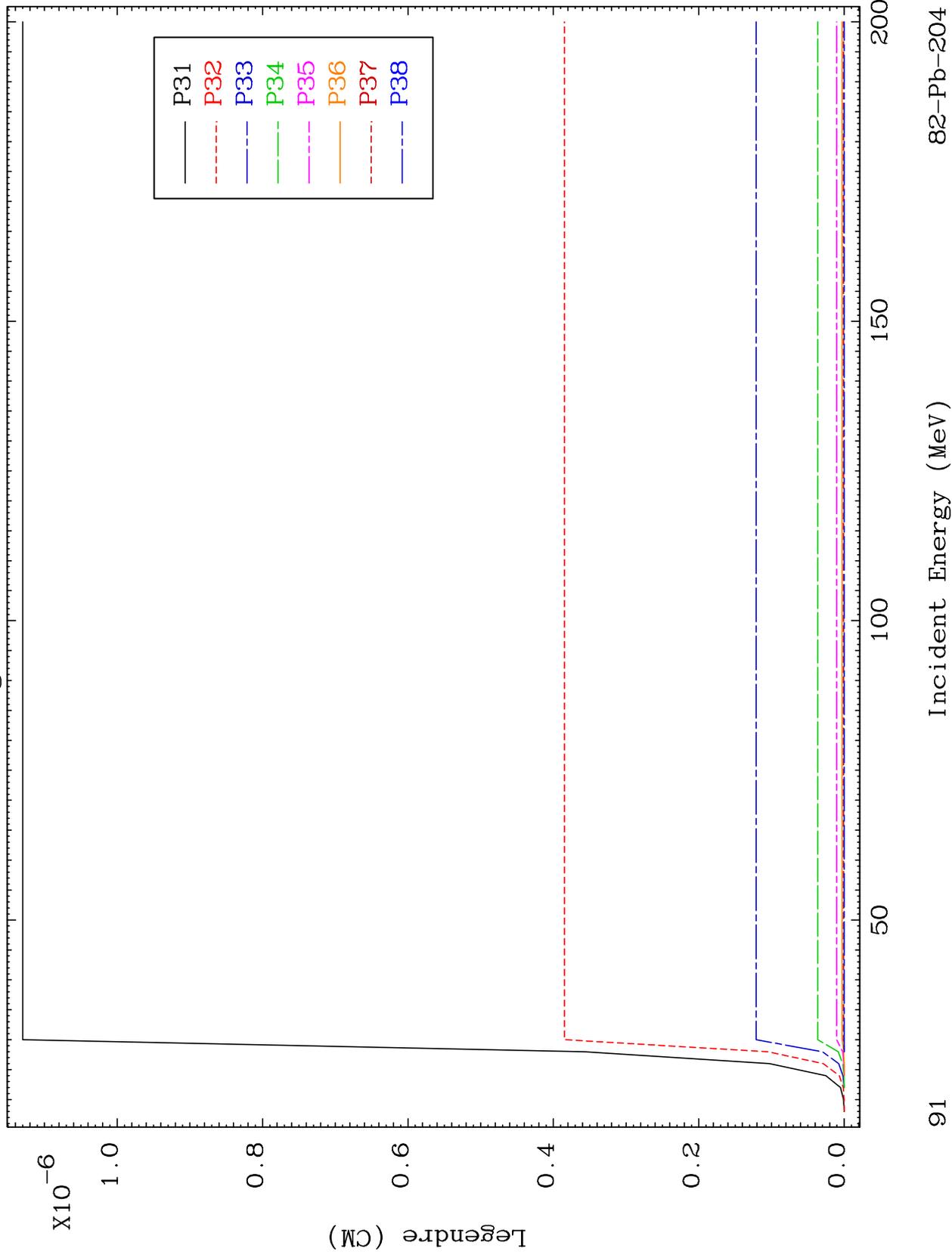
82-Pb-204



MAT 8225

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

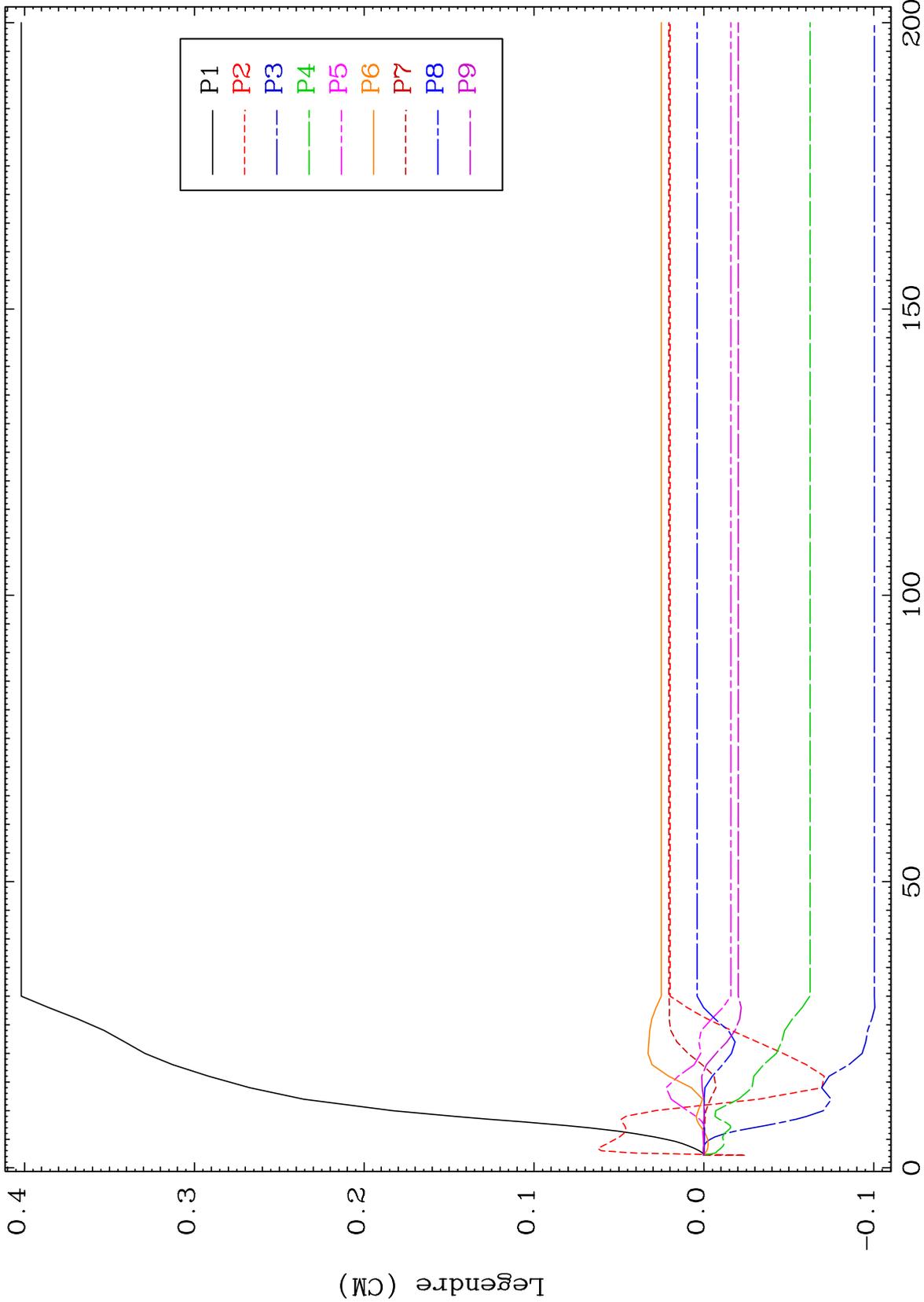
82-Pb-204



MAT 8225

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

82-Pb-204



92

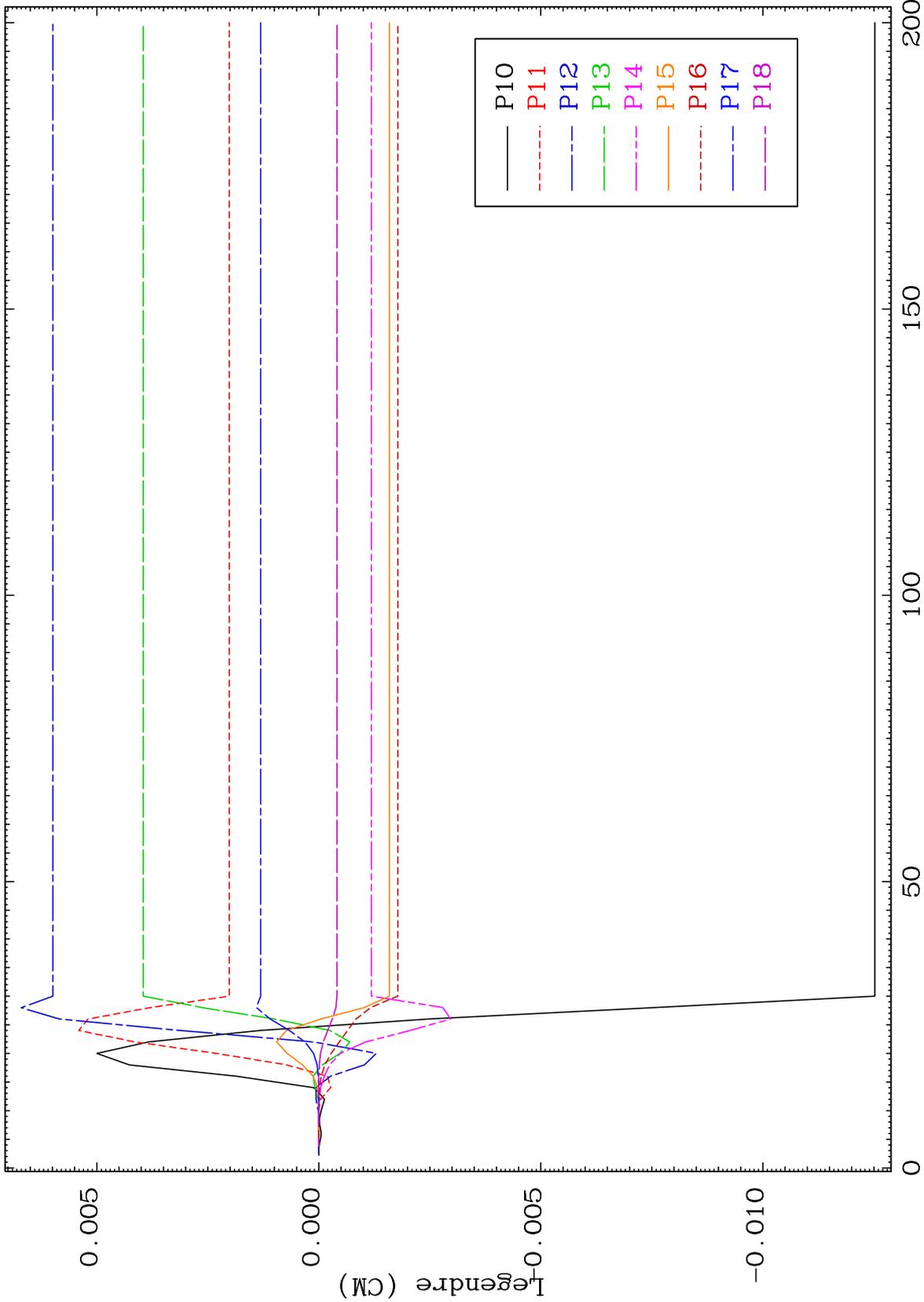
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



93

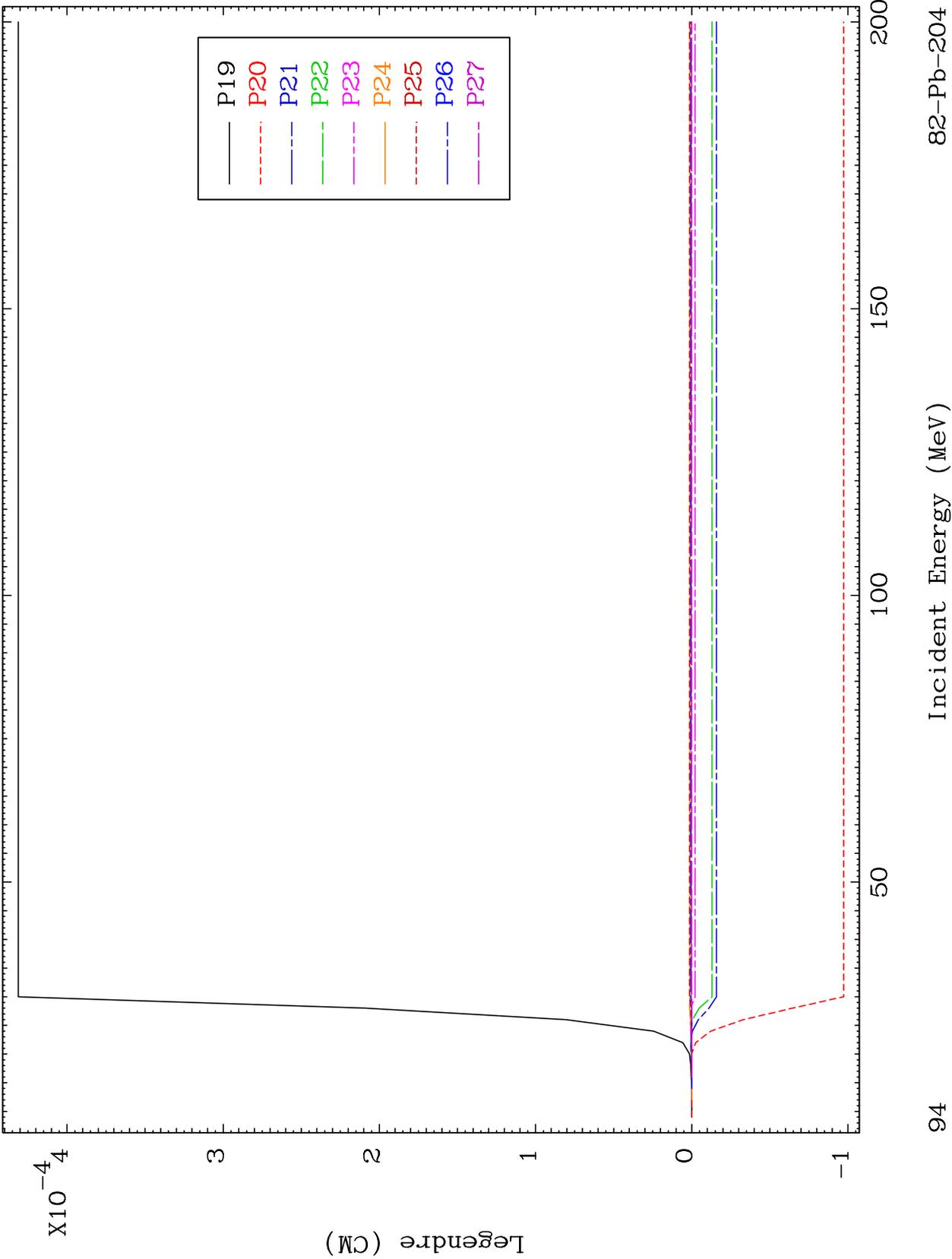
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



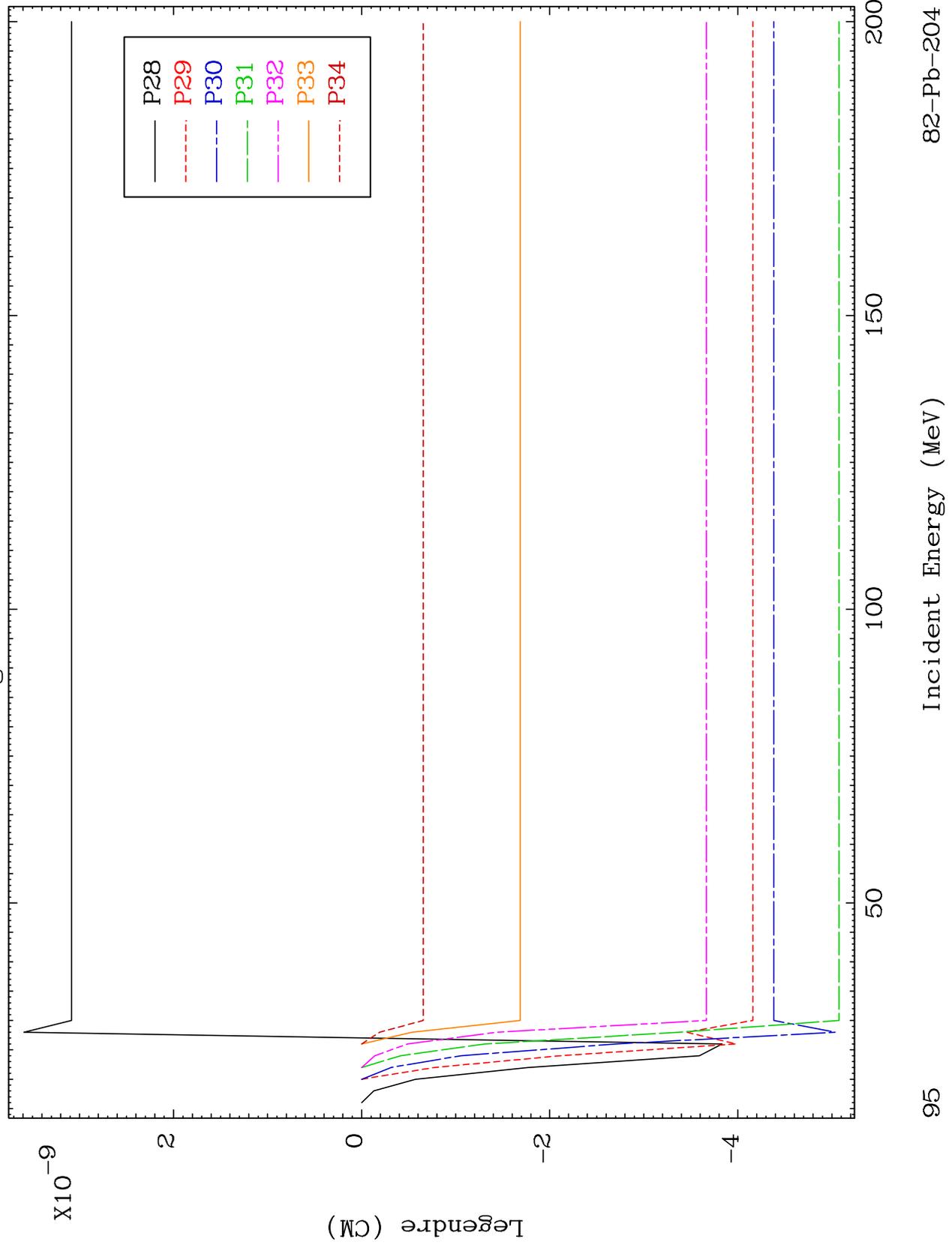
94

82-Pb-204

MAT 8225

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

82-Pb-204



95

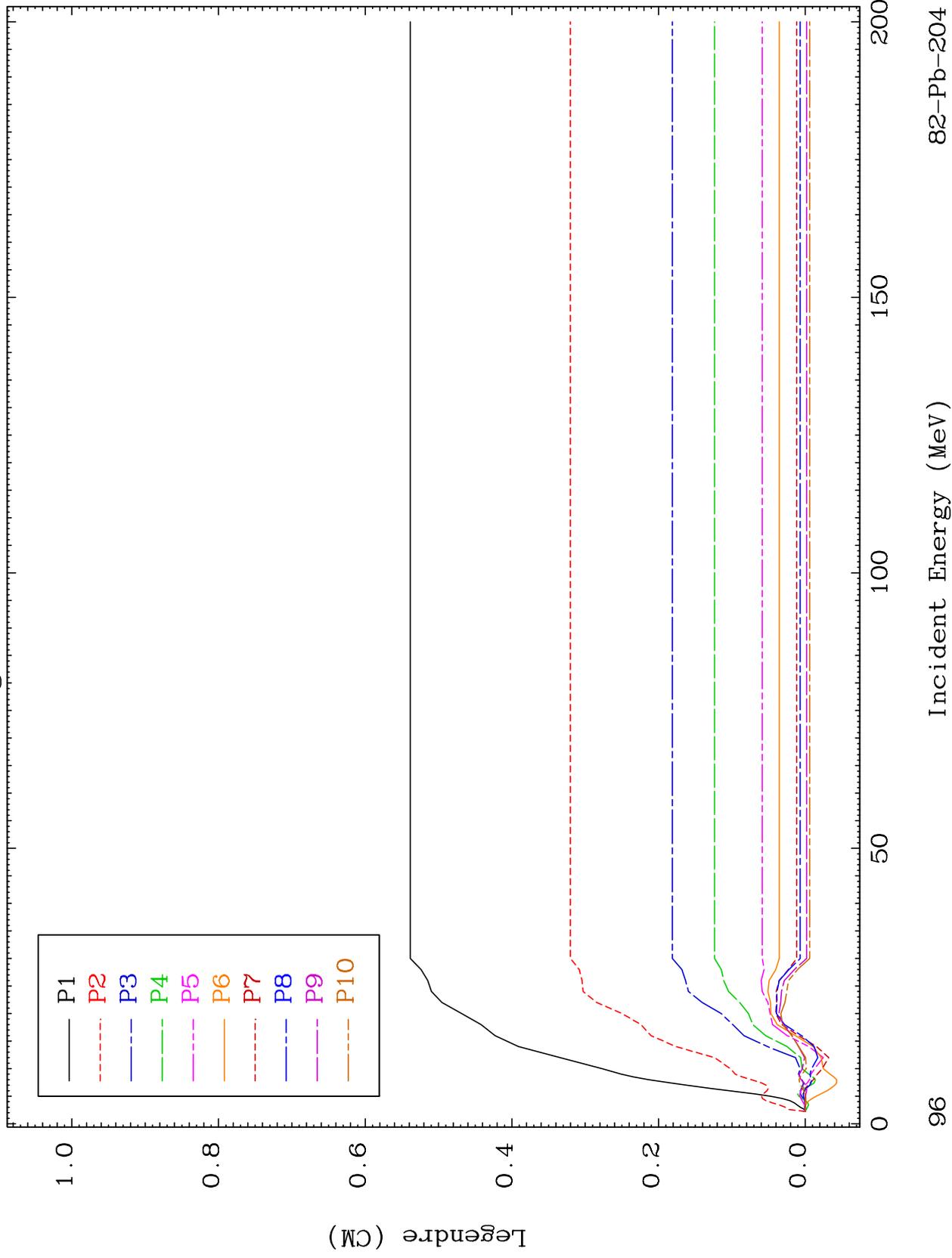
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



96

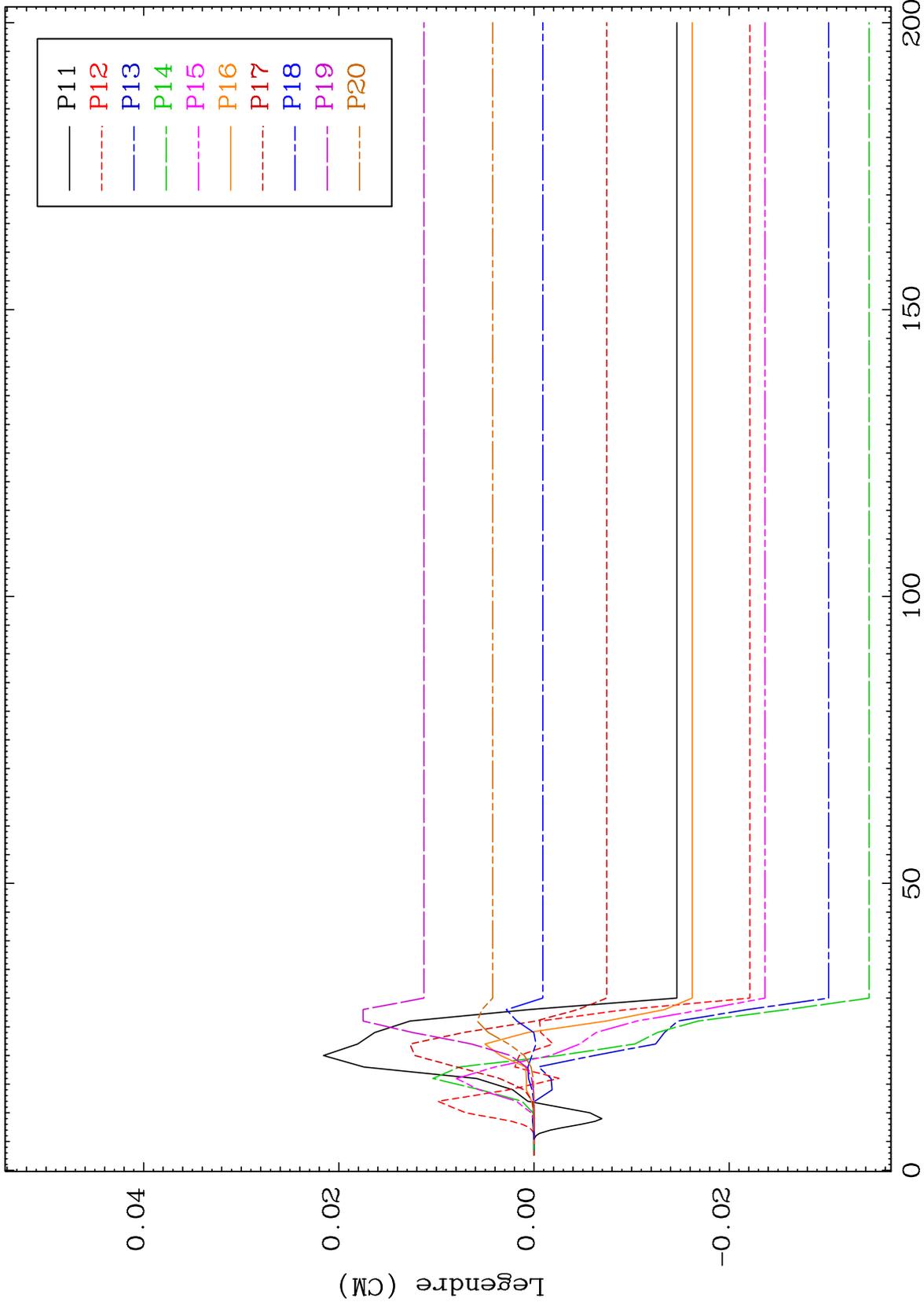
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



97

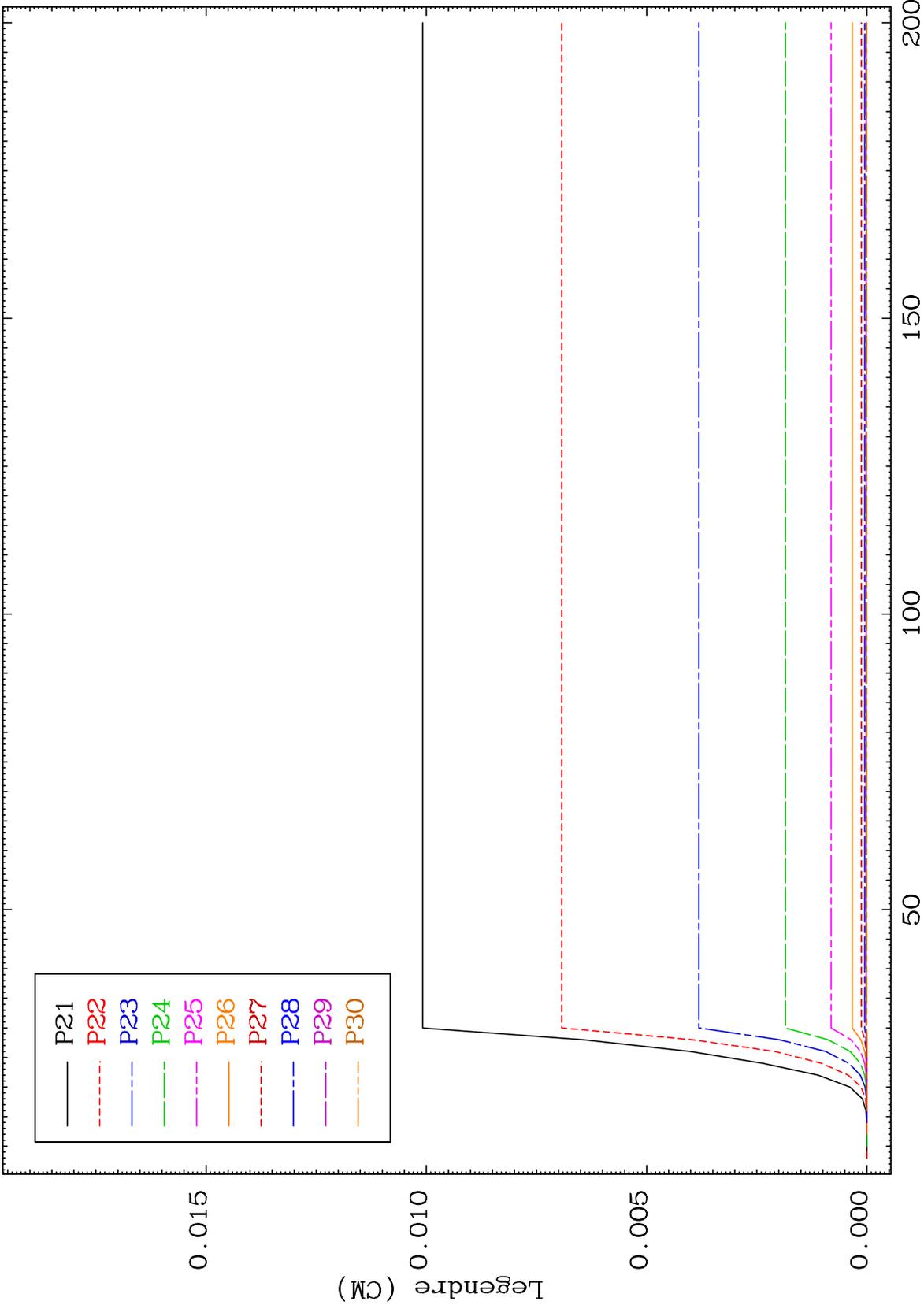
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



98

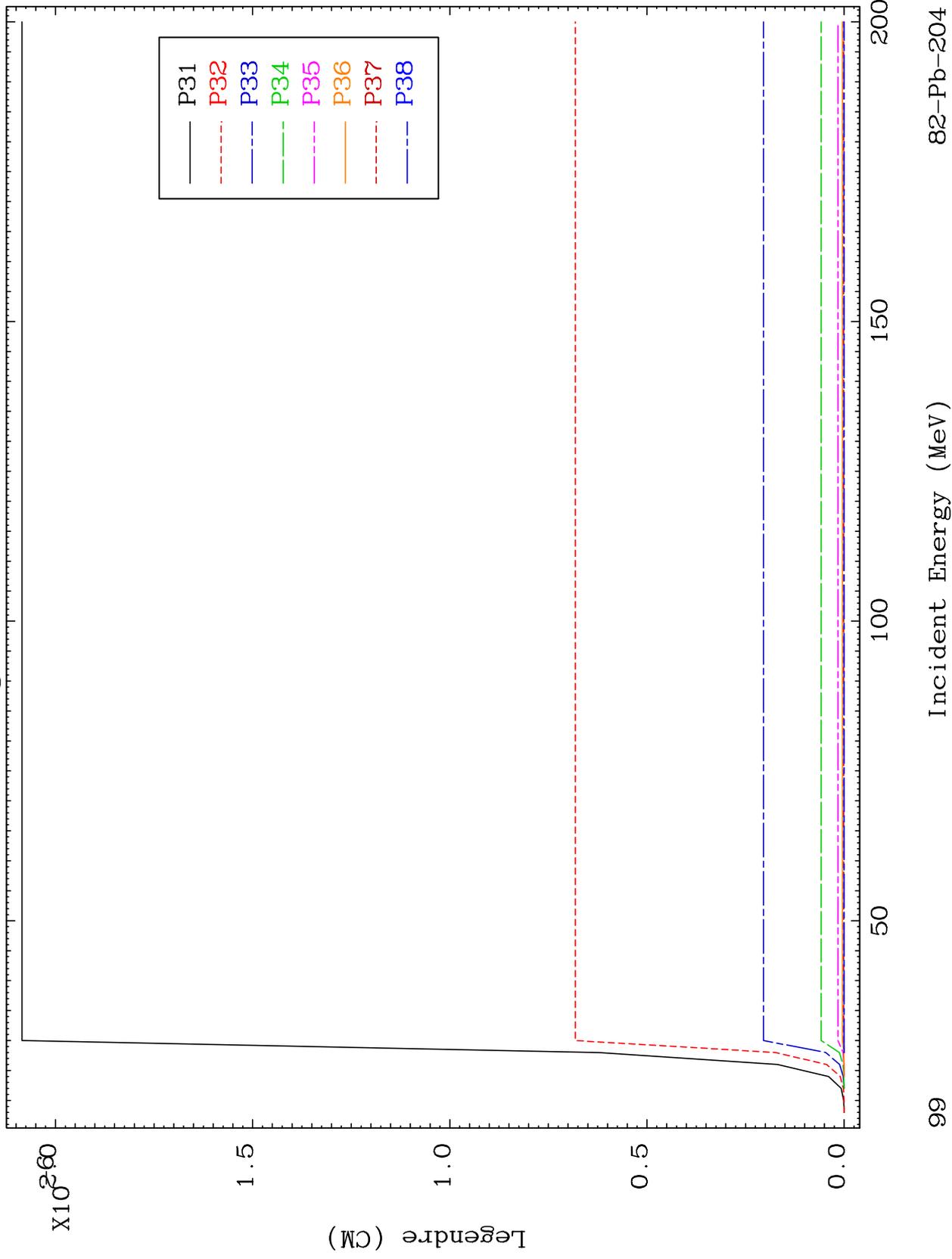
Incident Energy (MeV)

82-Pb-204

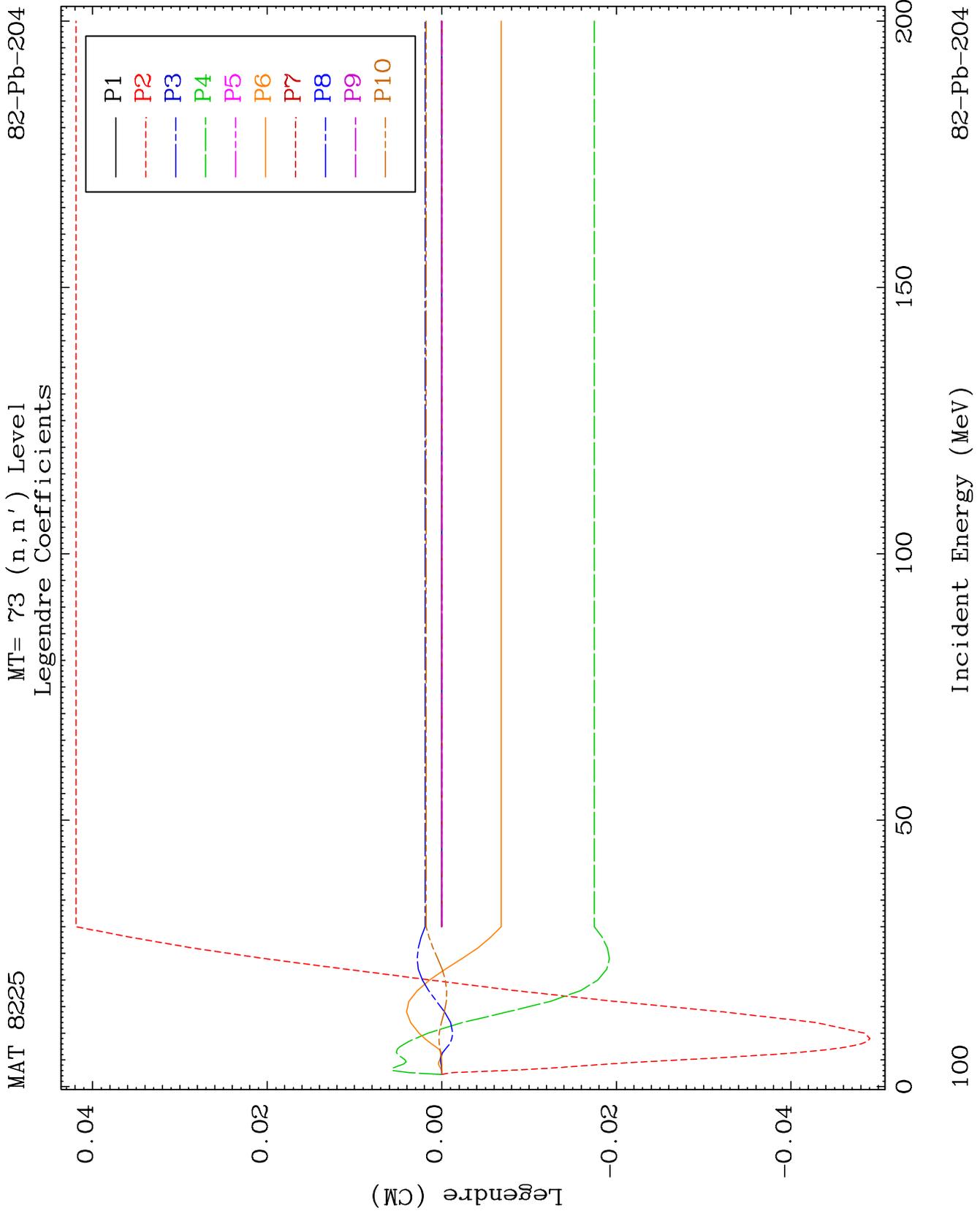
MAT 8225

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

82-Pb-204



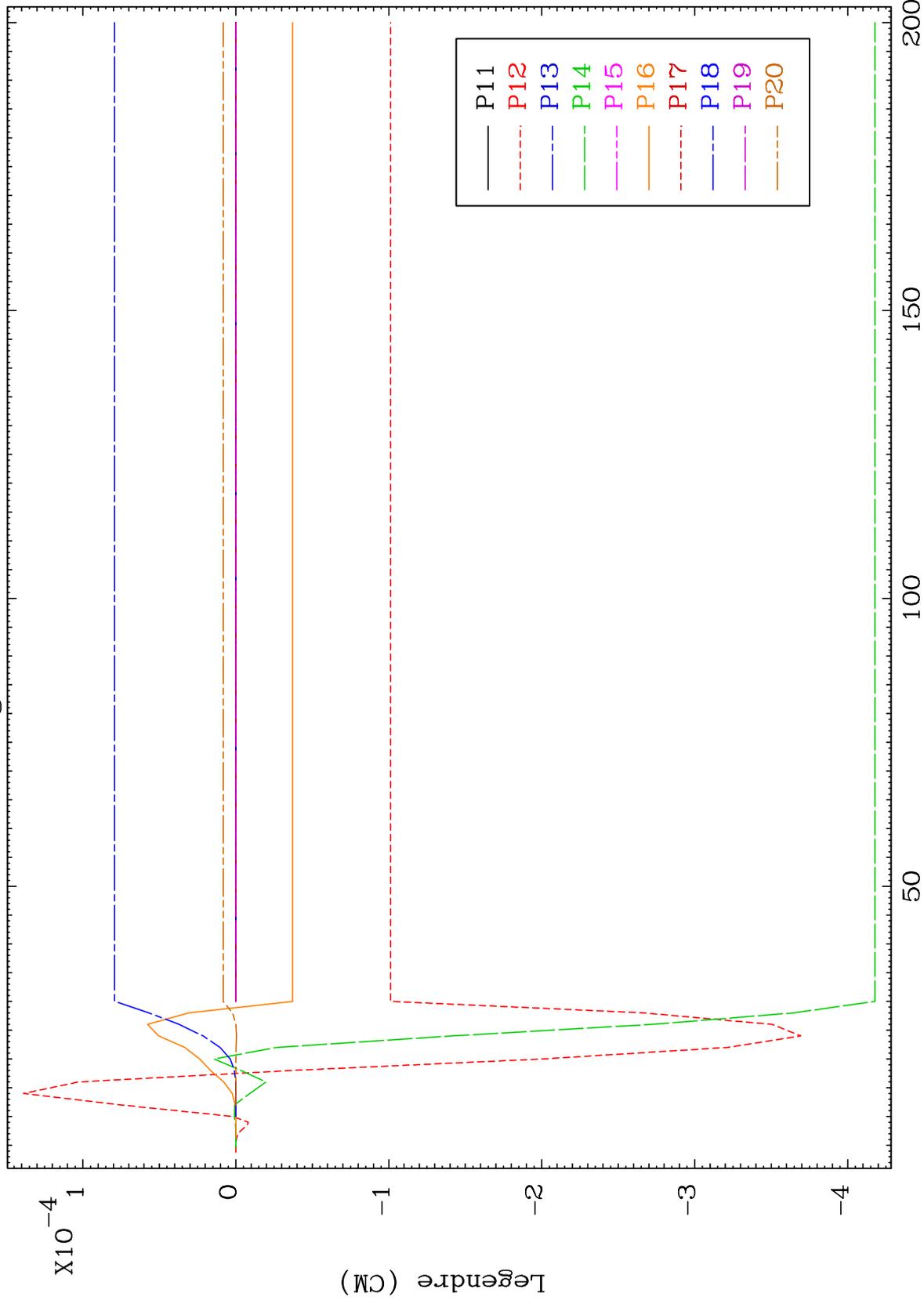
99



MAT 8225

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

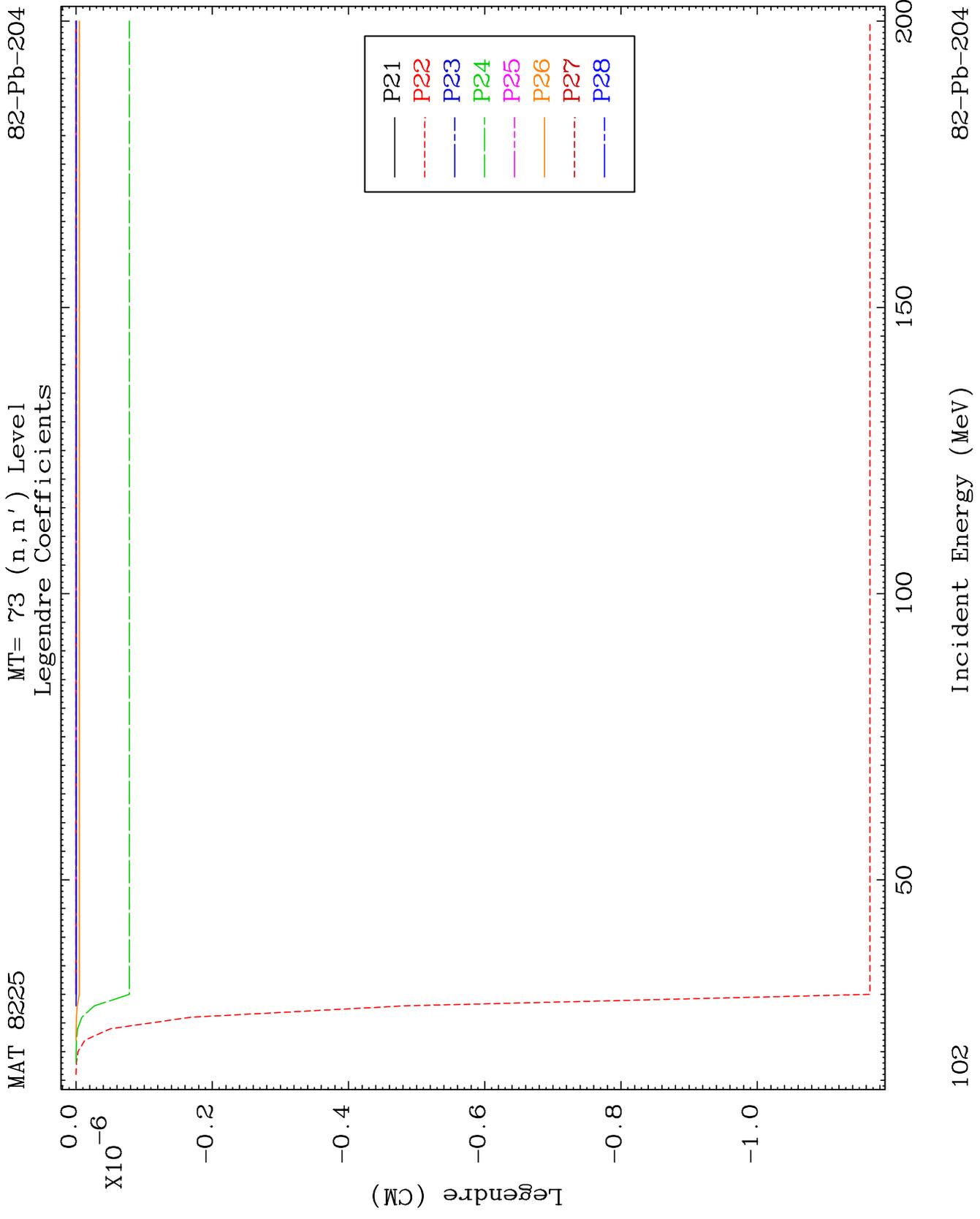
82-Pb-204



101

Incident Energy (MeV)

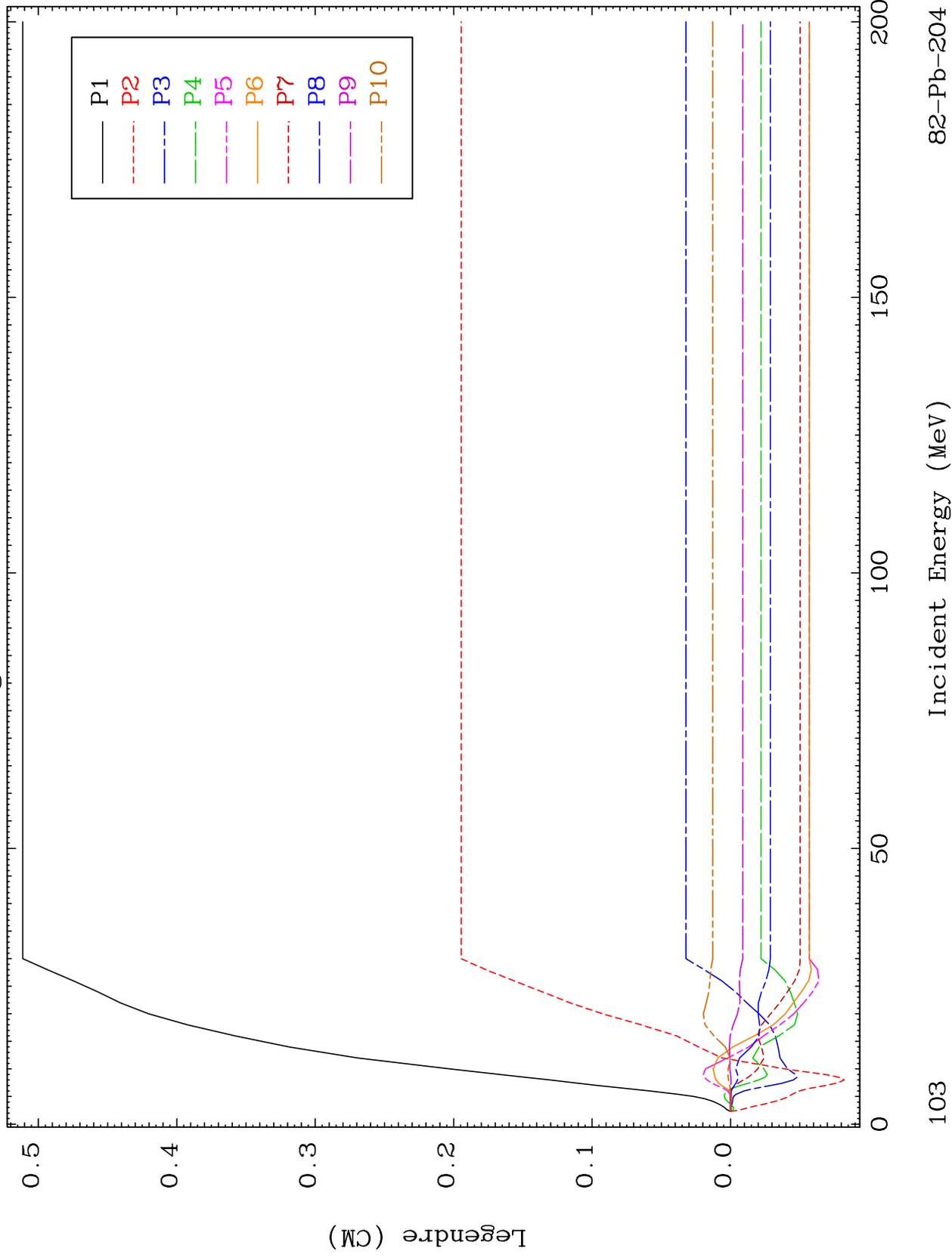
82-Pb-204



MAT 8225

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

82-Pb-204



103

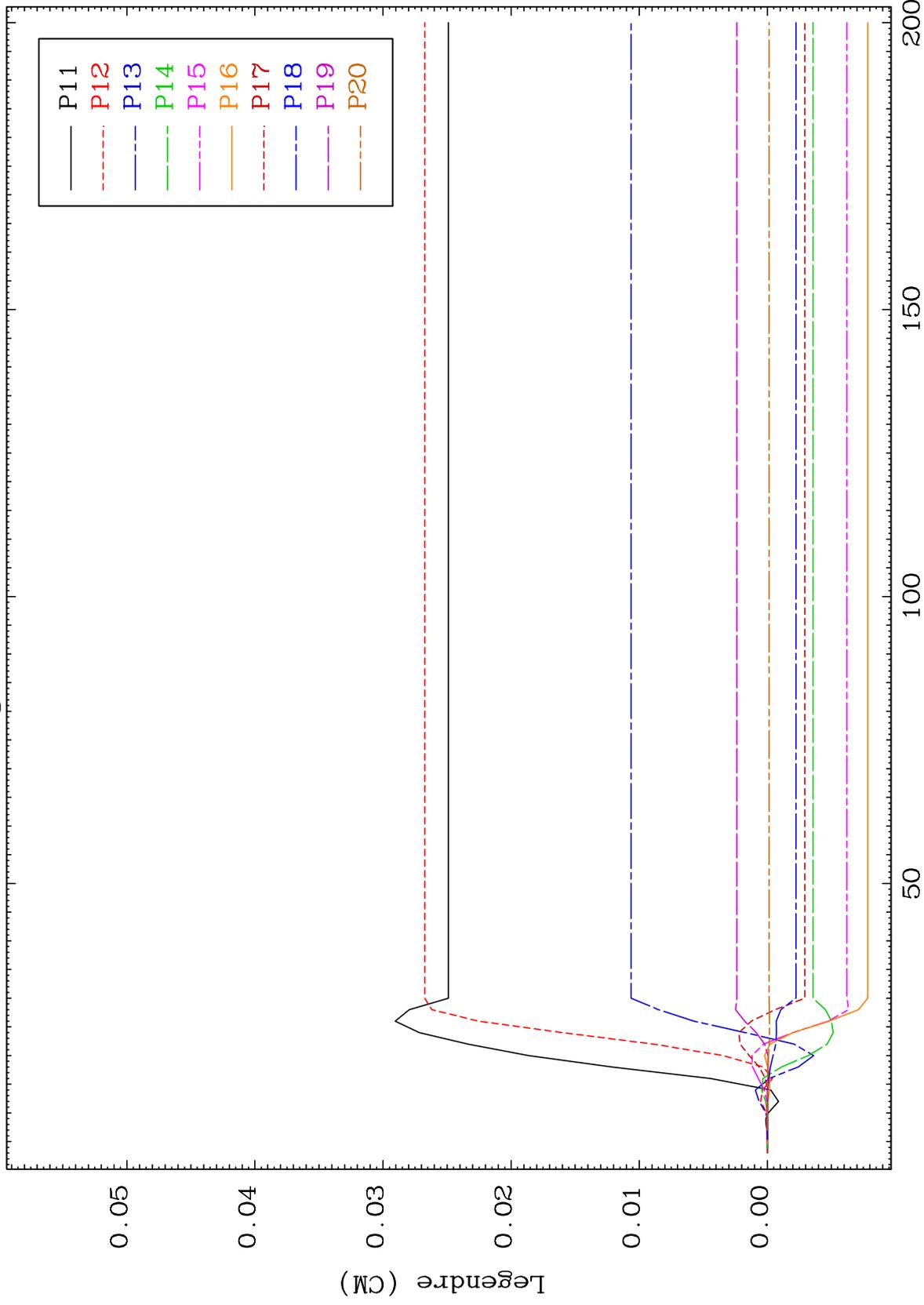
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



104

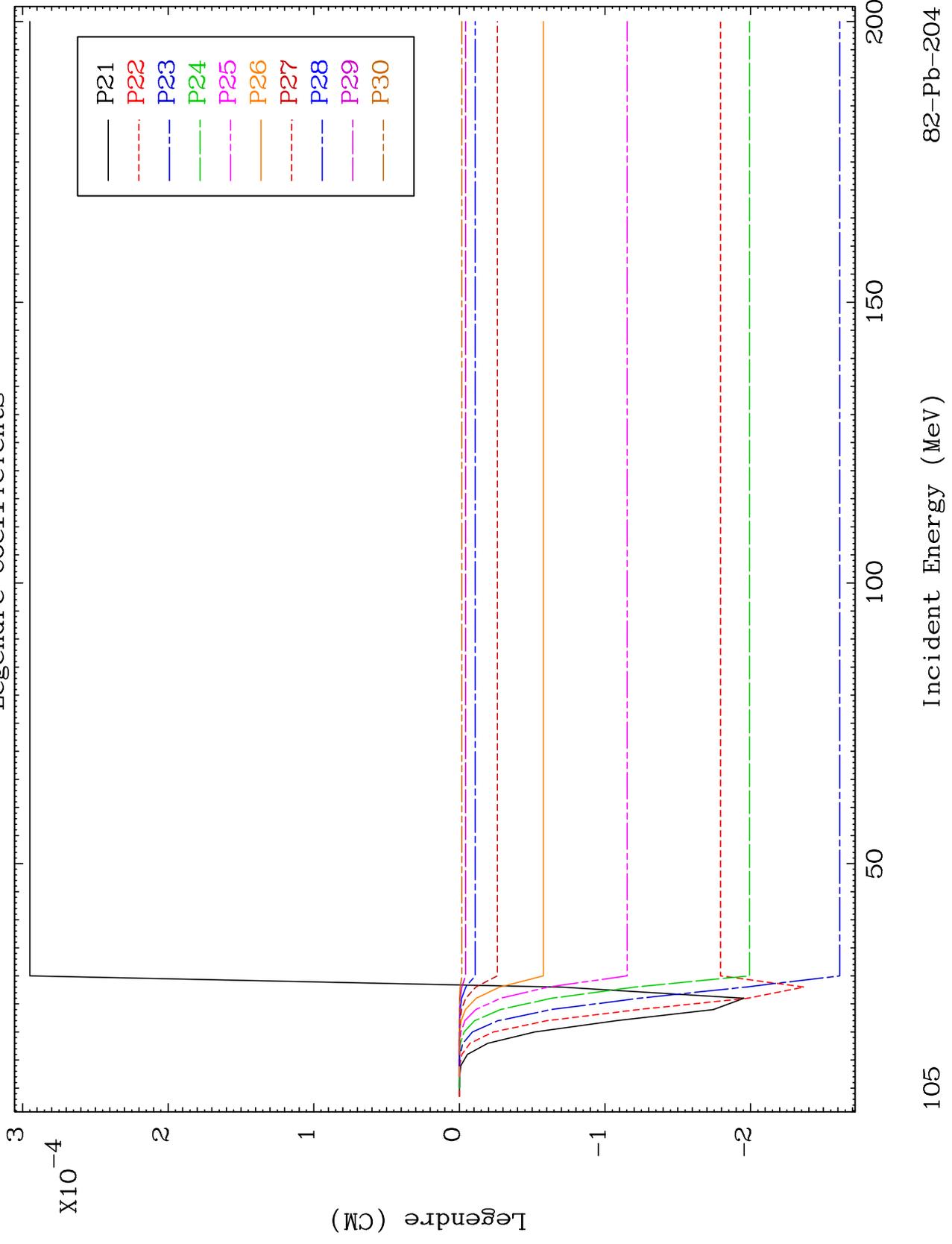
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

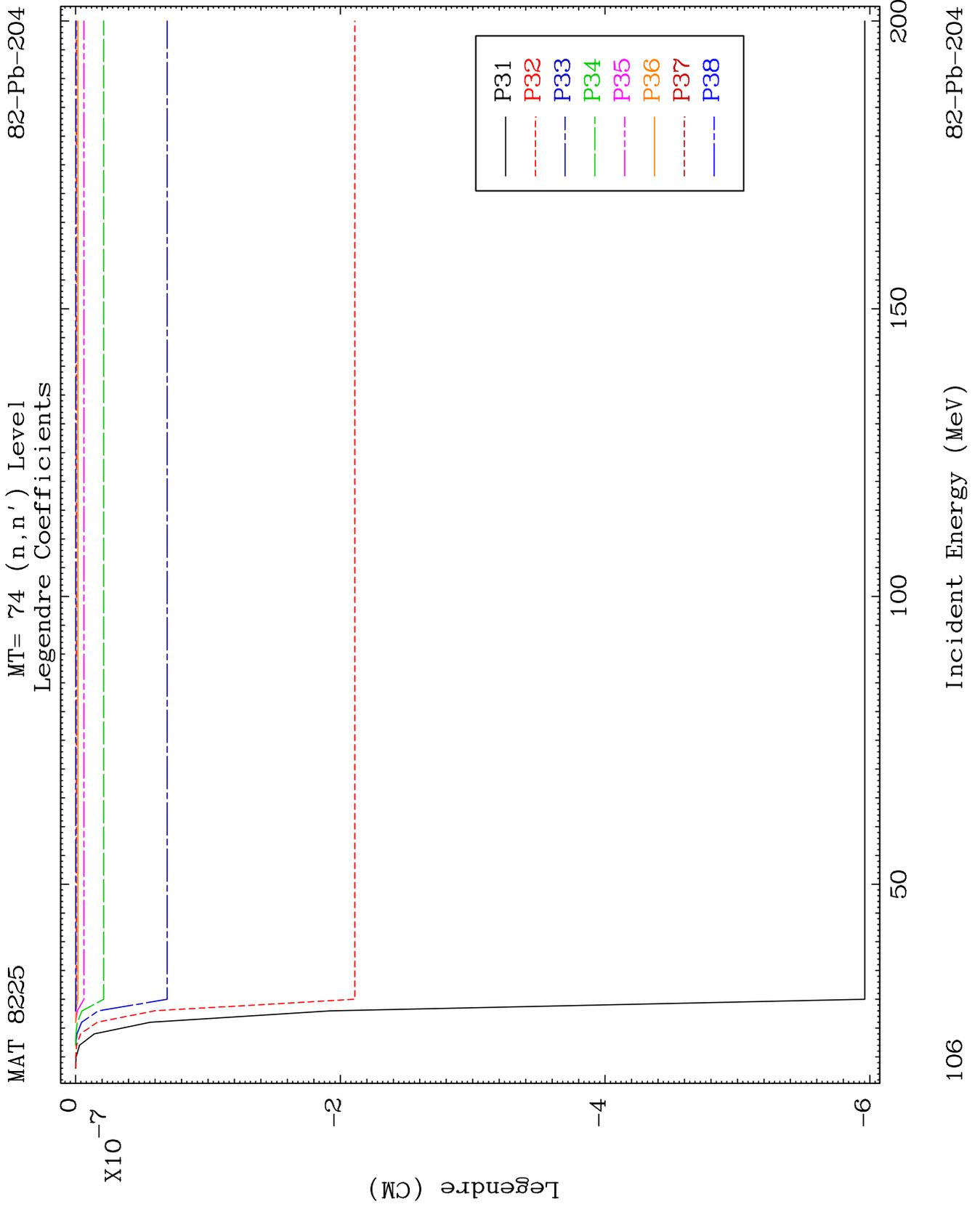
82-Pb-204



105

Incident Energy (MeV)

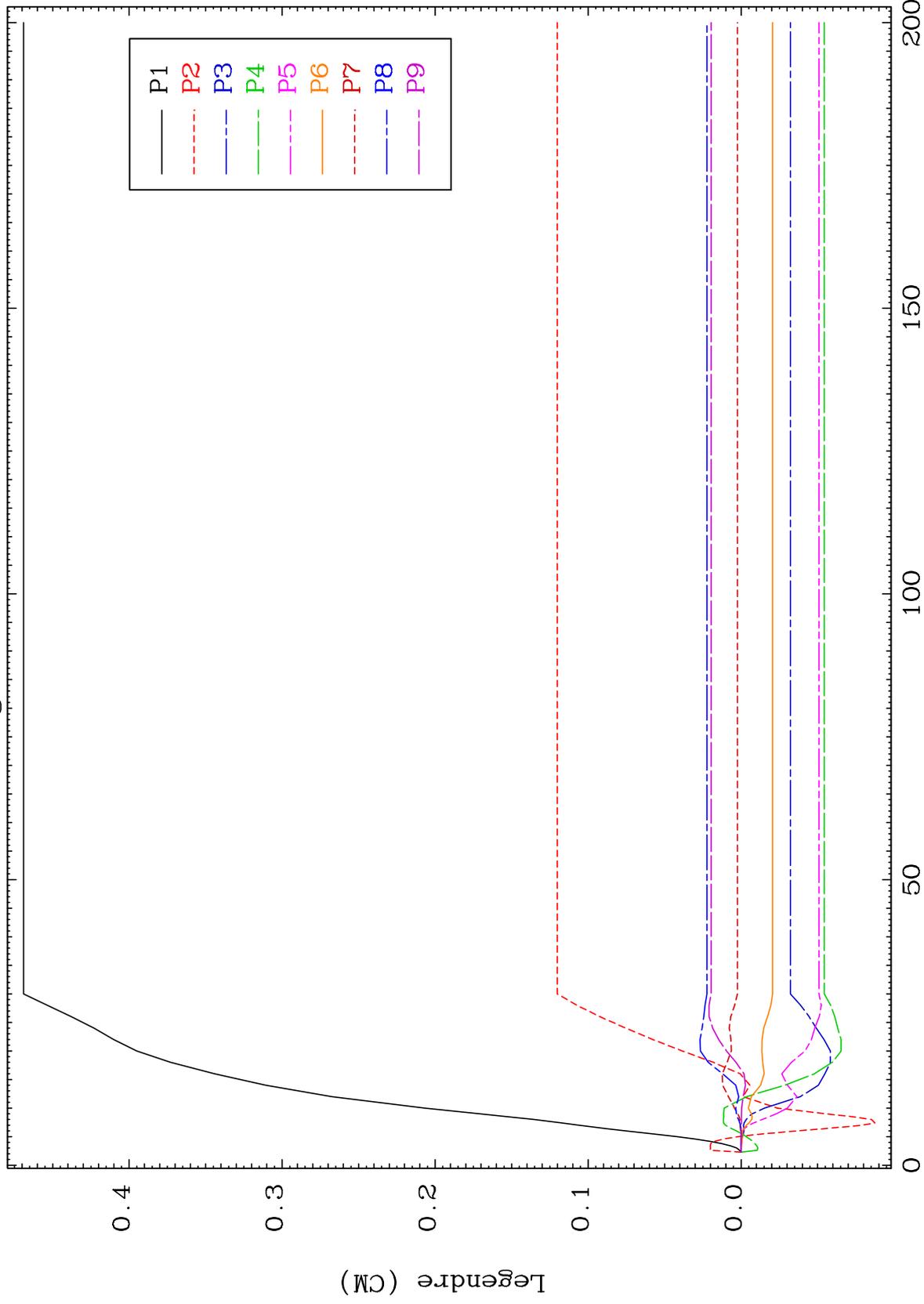
82-Pb-204



MAT 8225

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

82-Pb-204



107

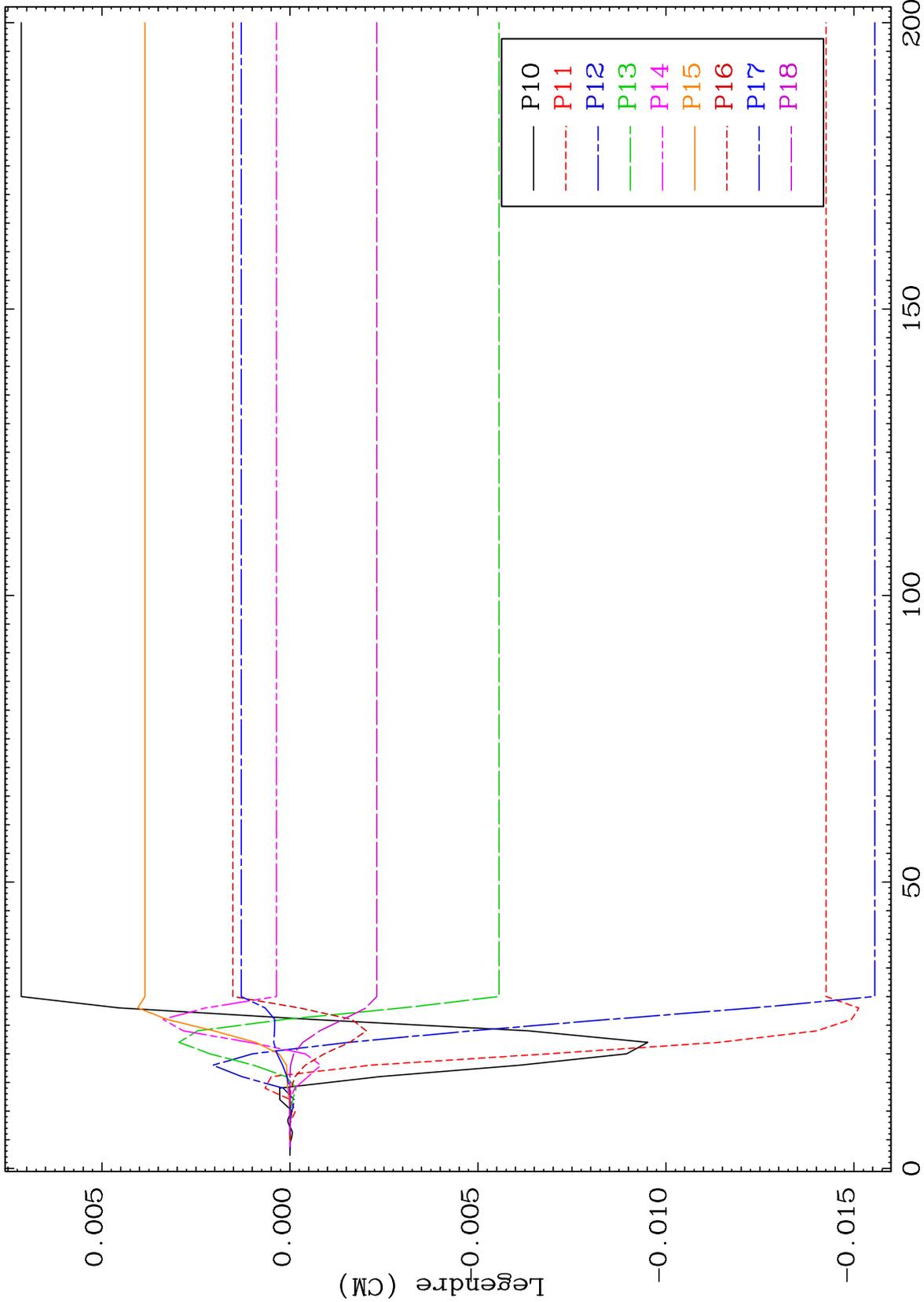
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

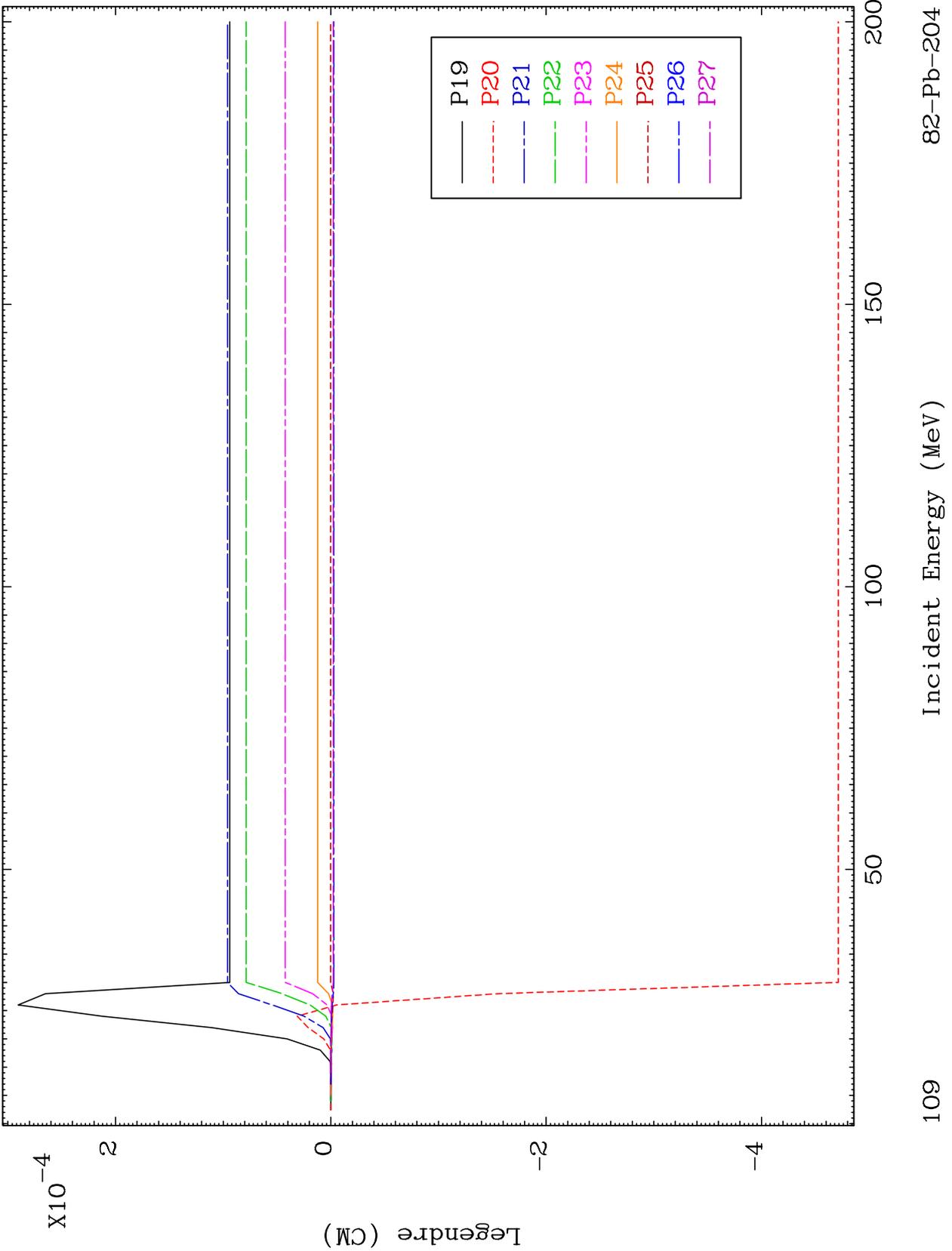


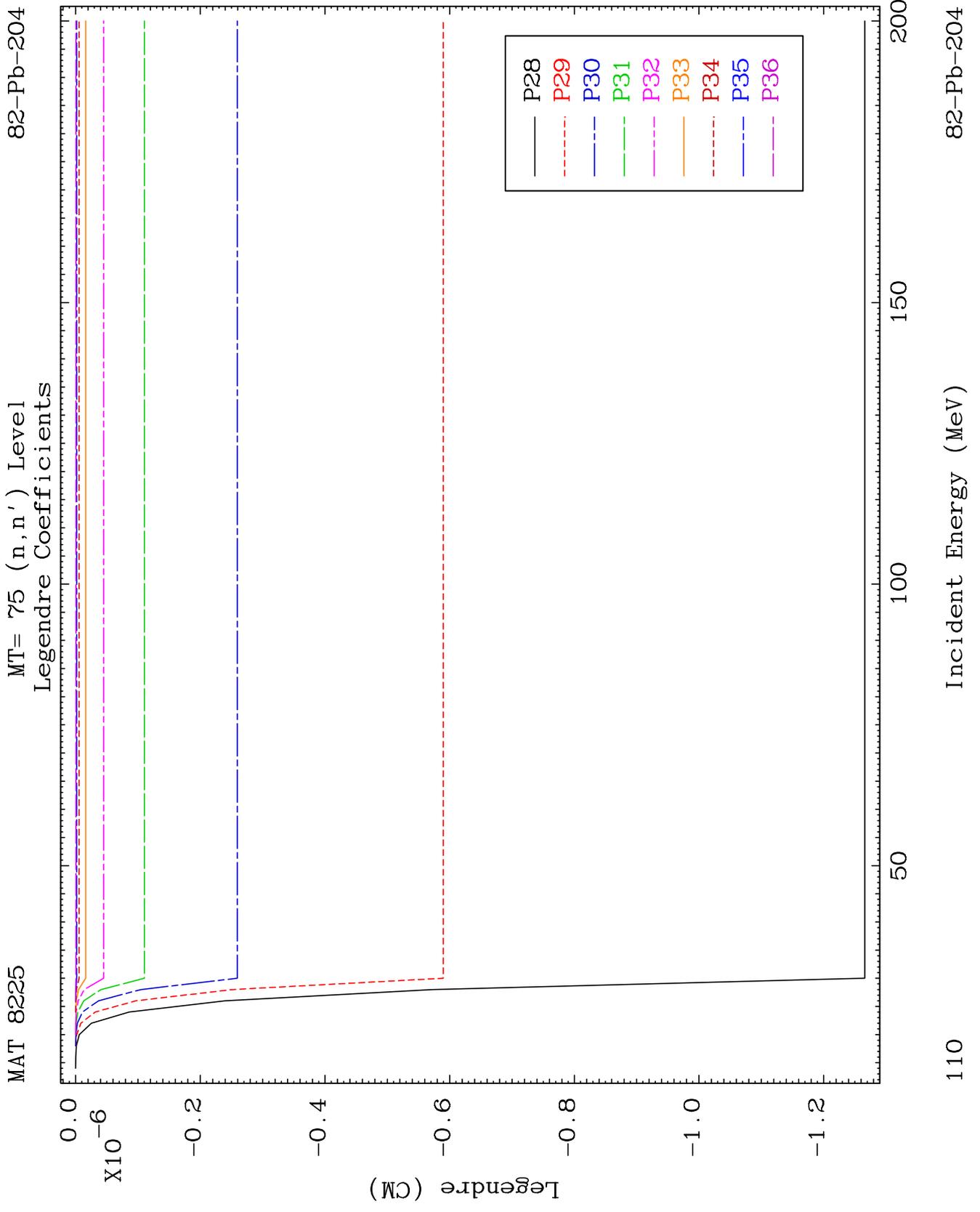
108

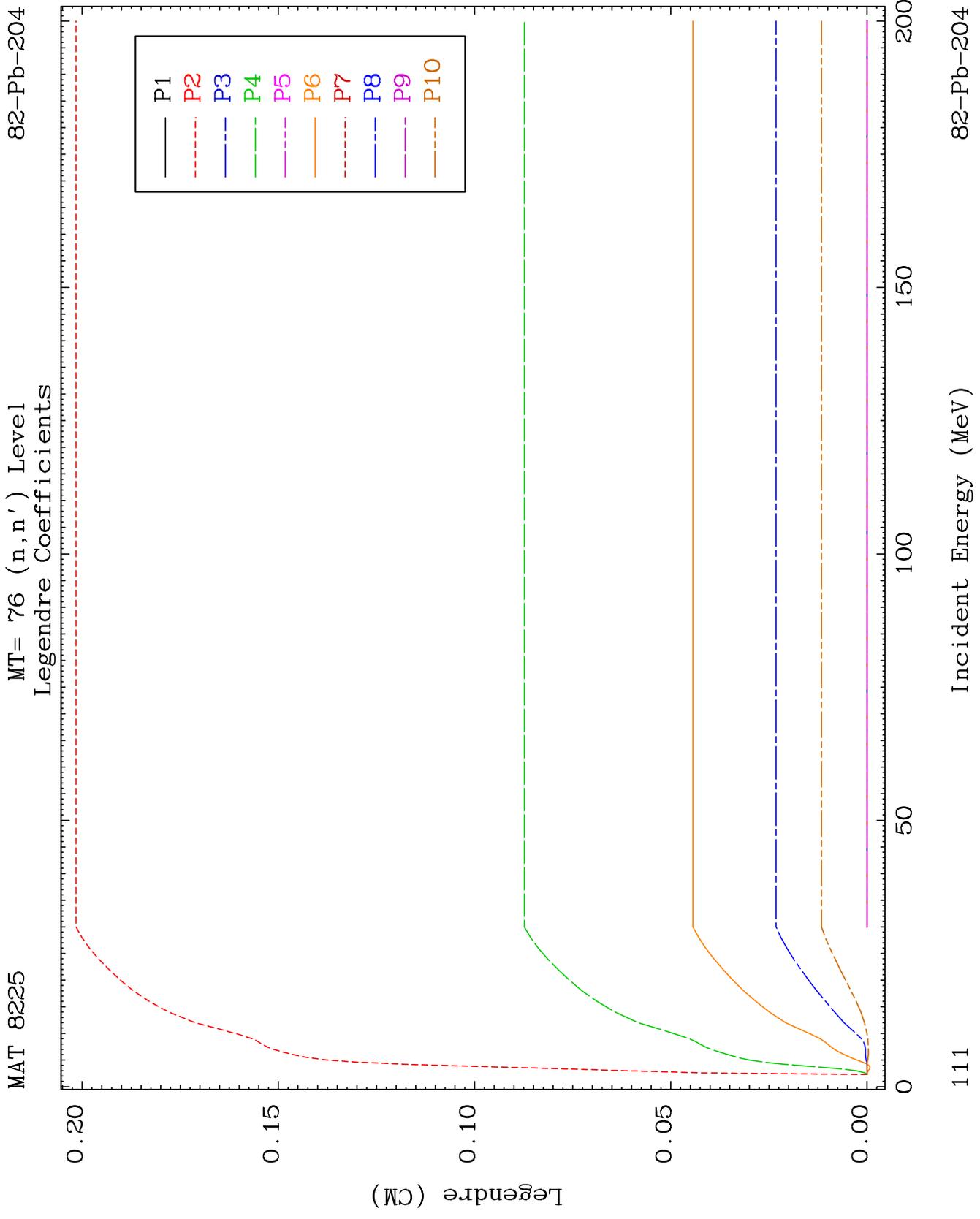
Incident Energy (MeV)

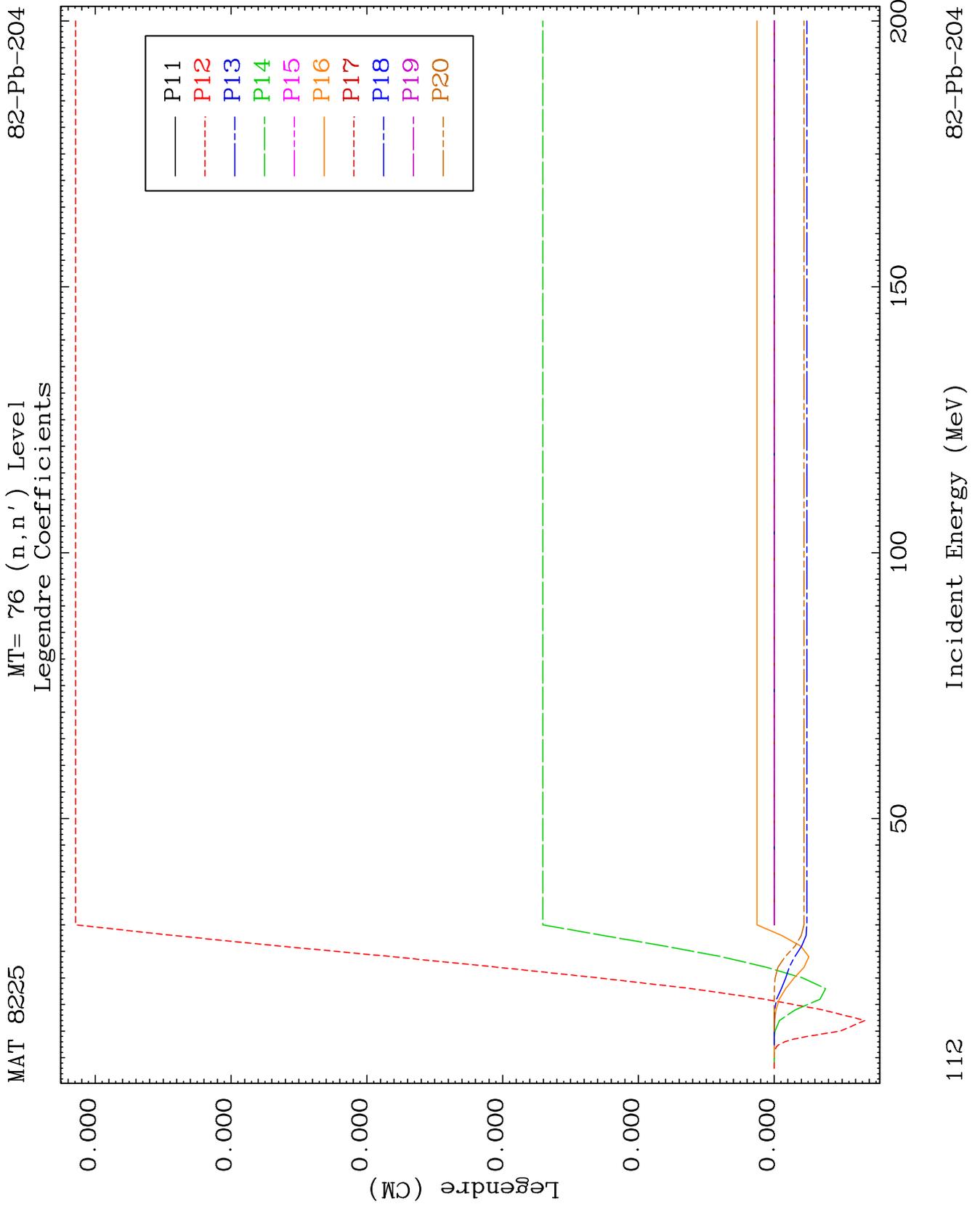
82-Pb-204

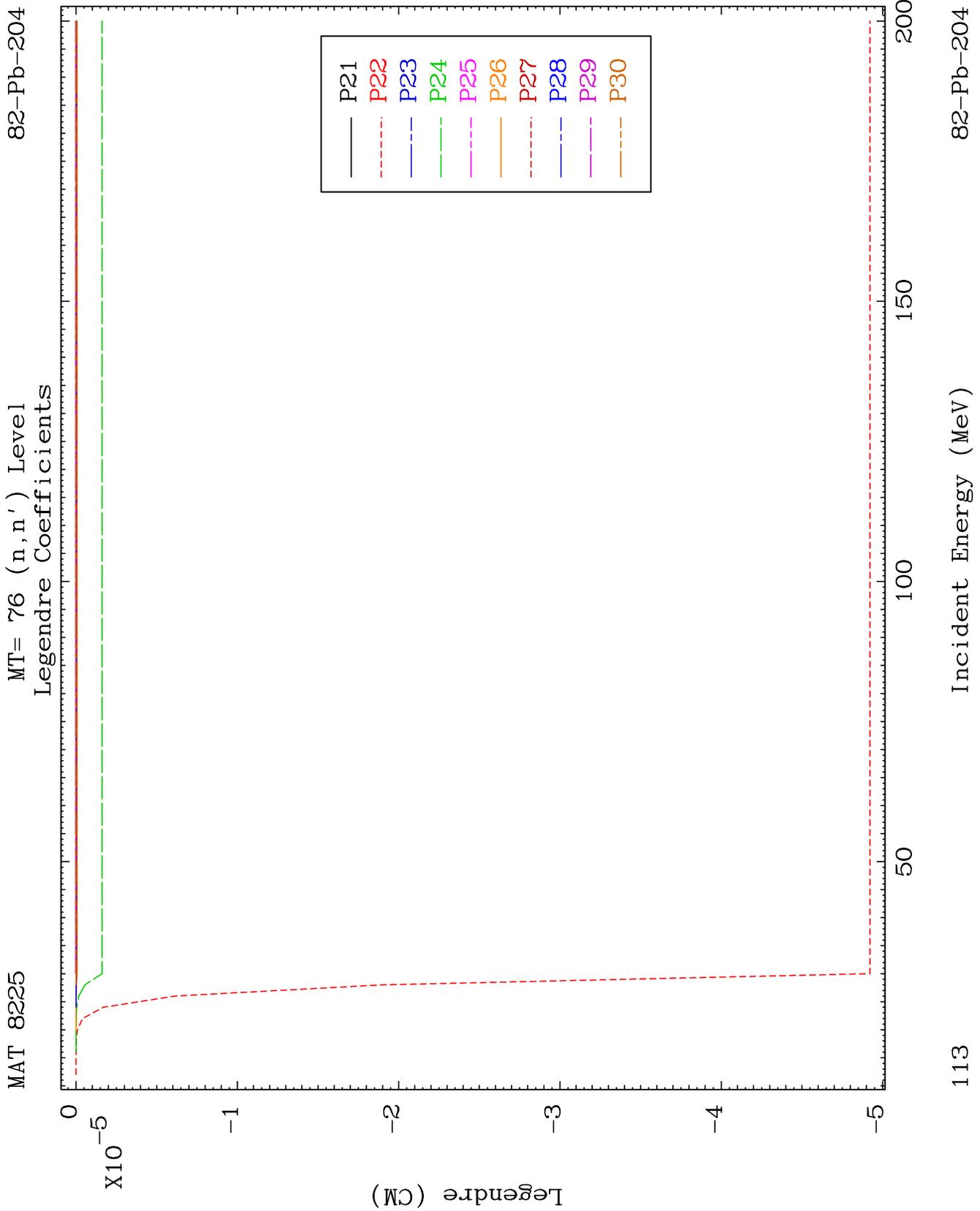
MAT 8225 MT= 75 (n,n') Level Legendre Coefficients 82-Pb-204

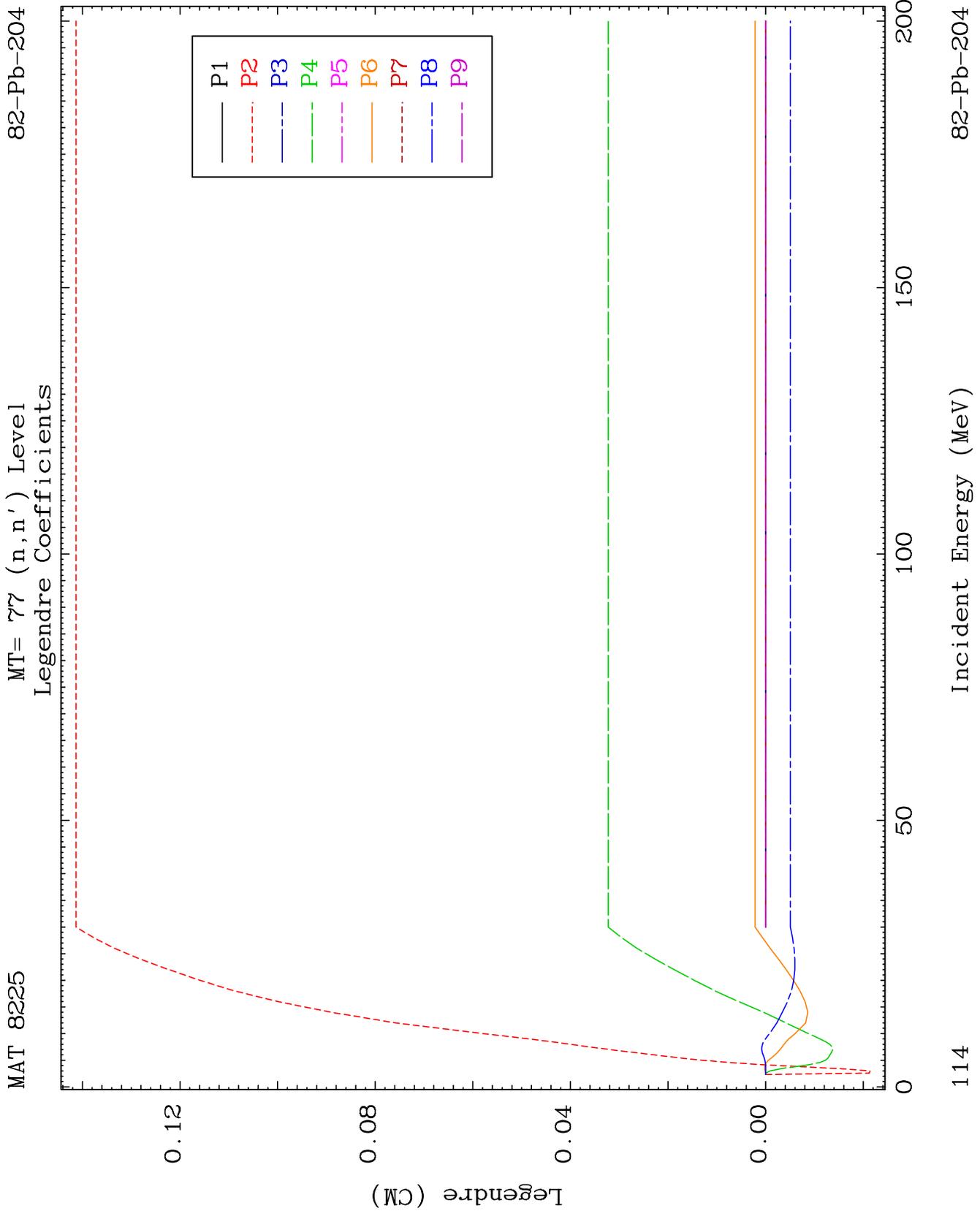








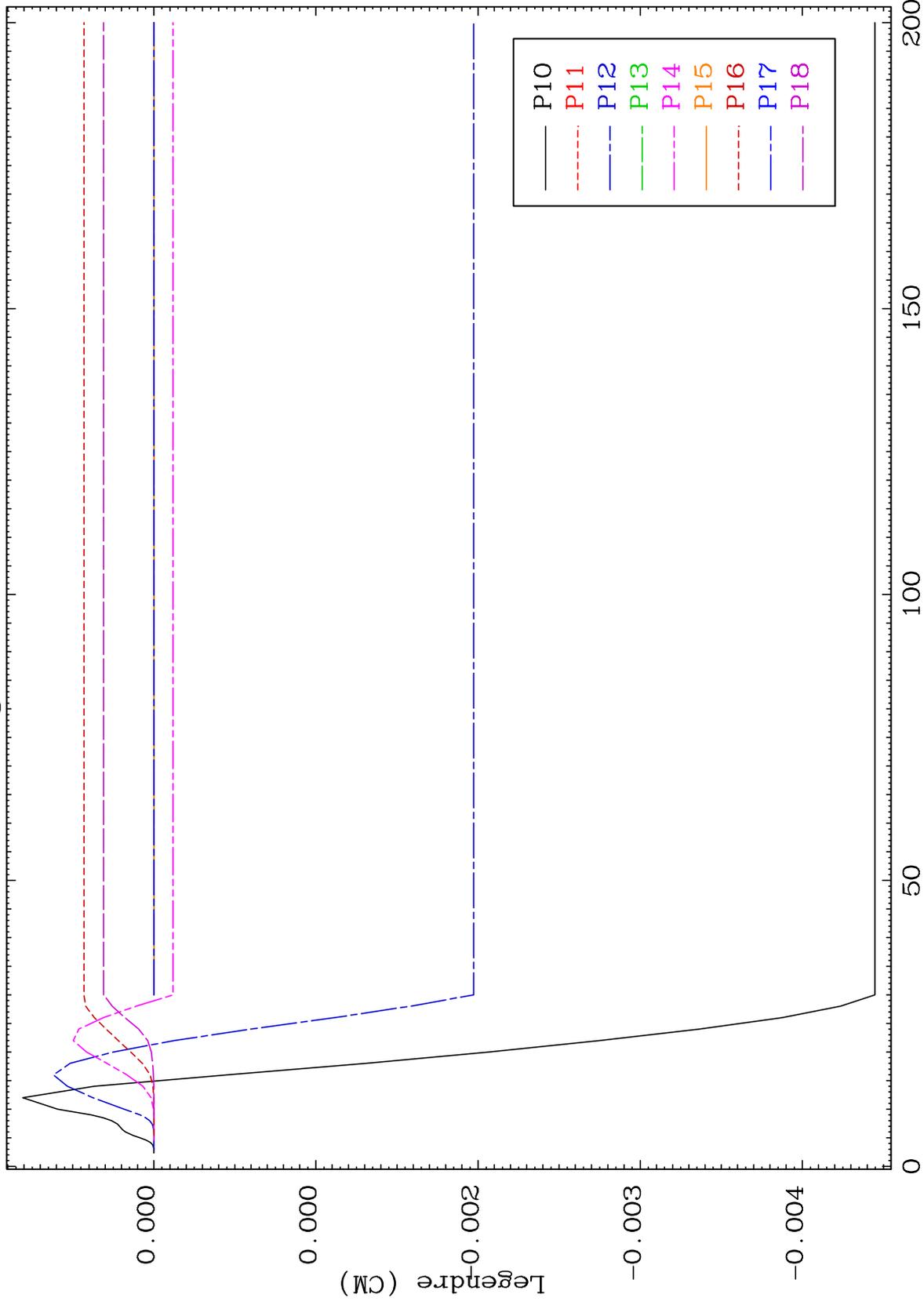




MAT 8225

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

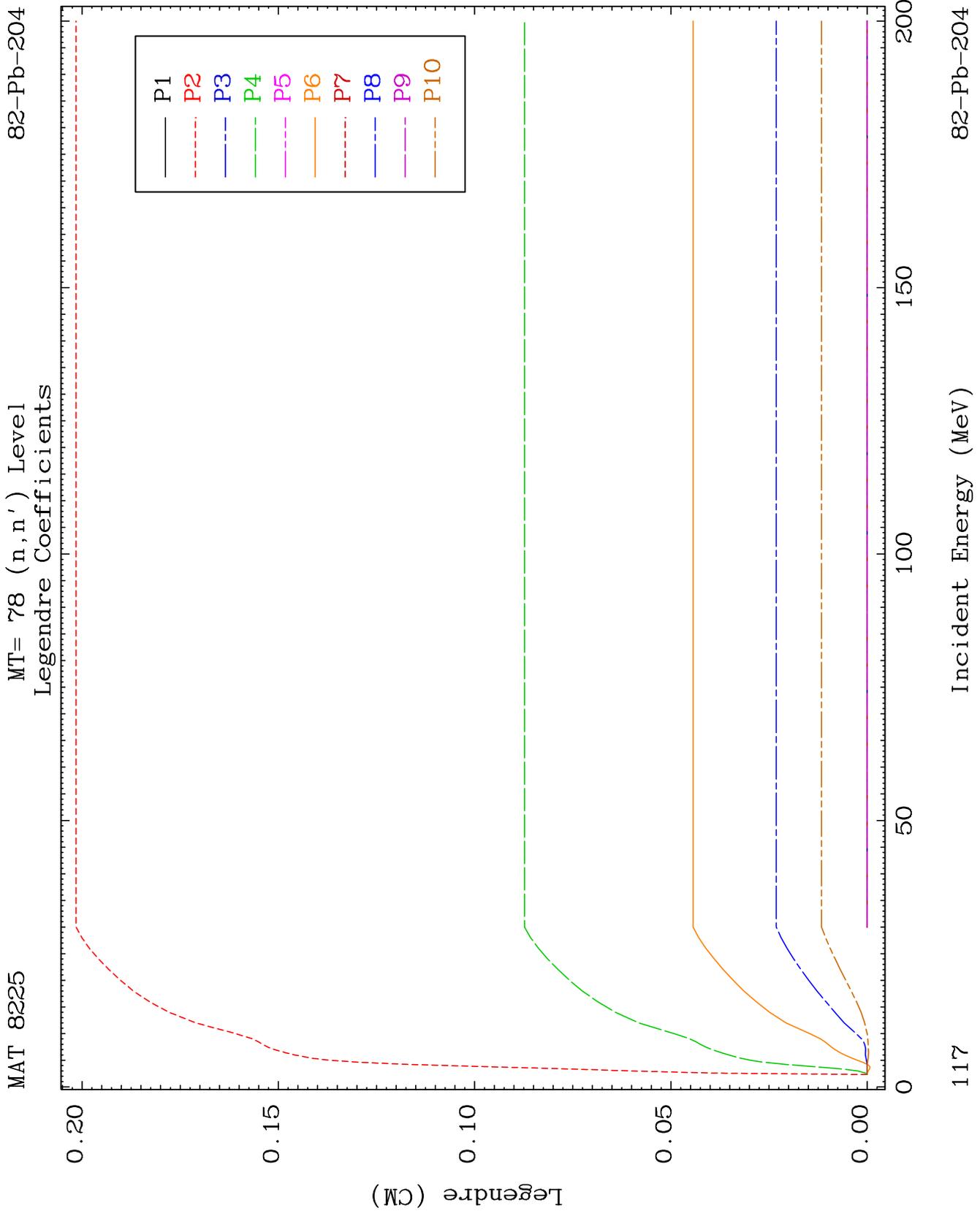
82-Pb-204

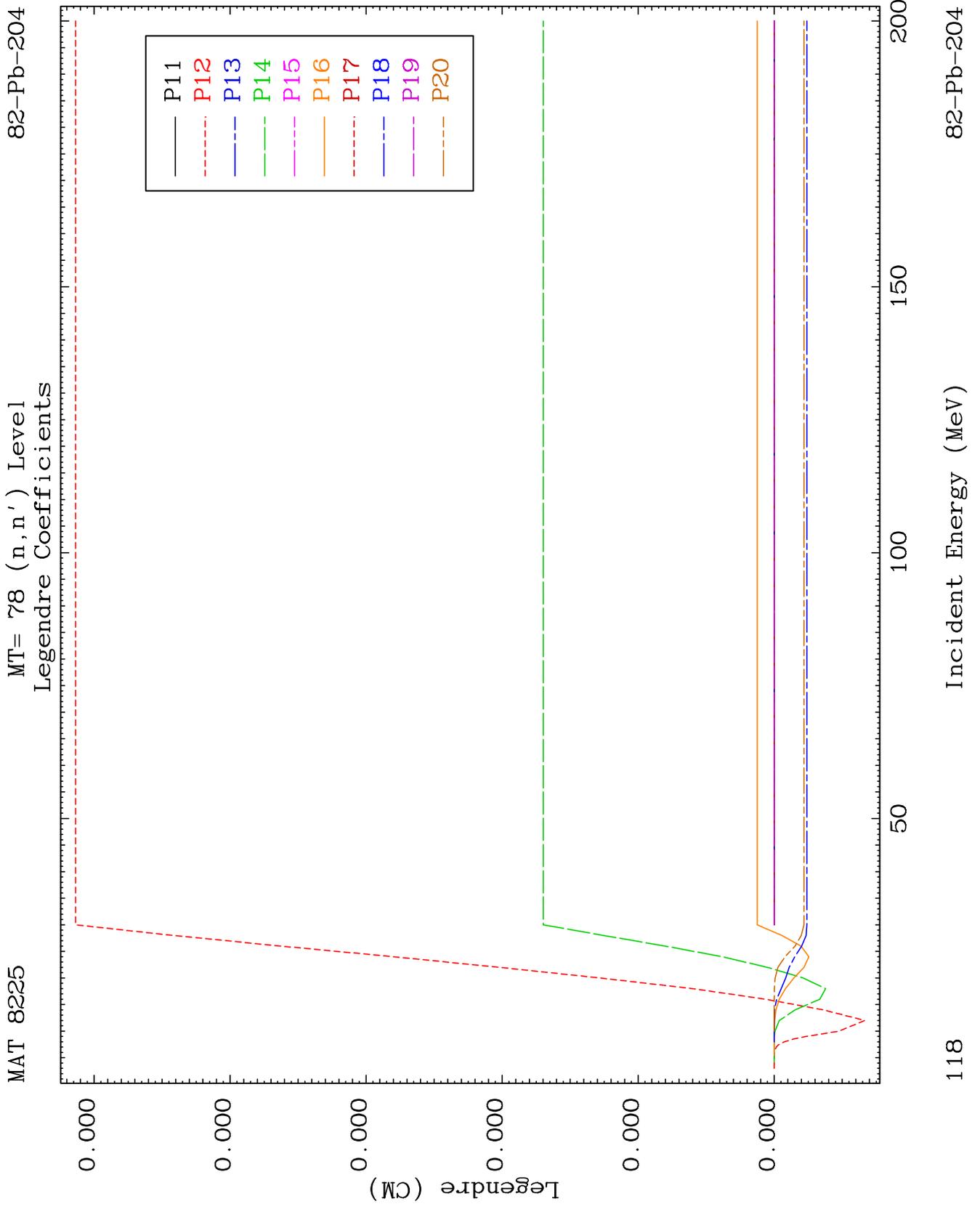


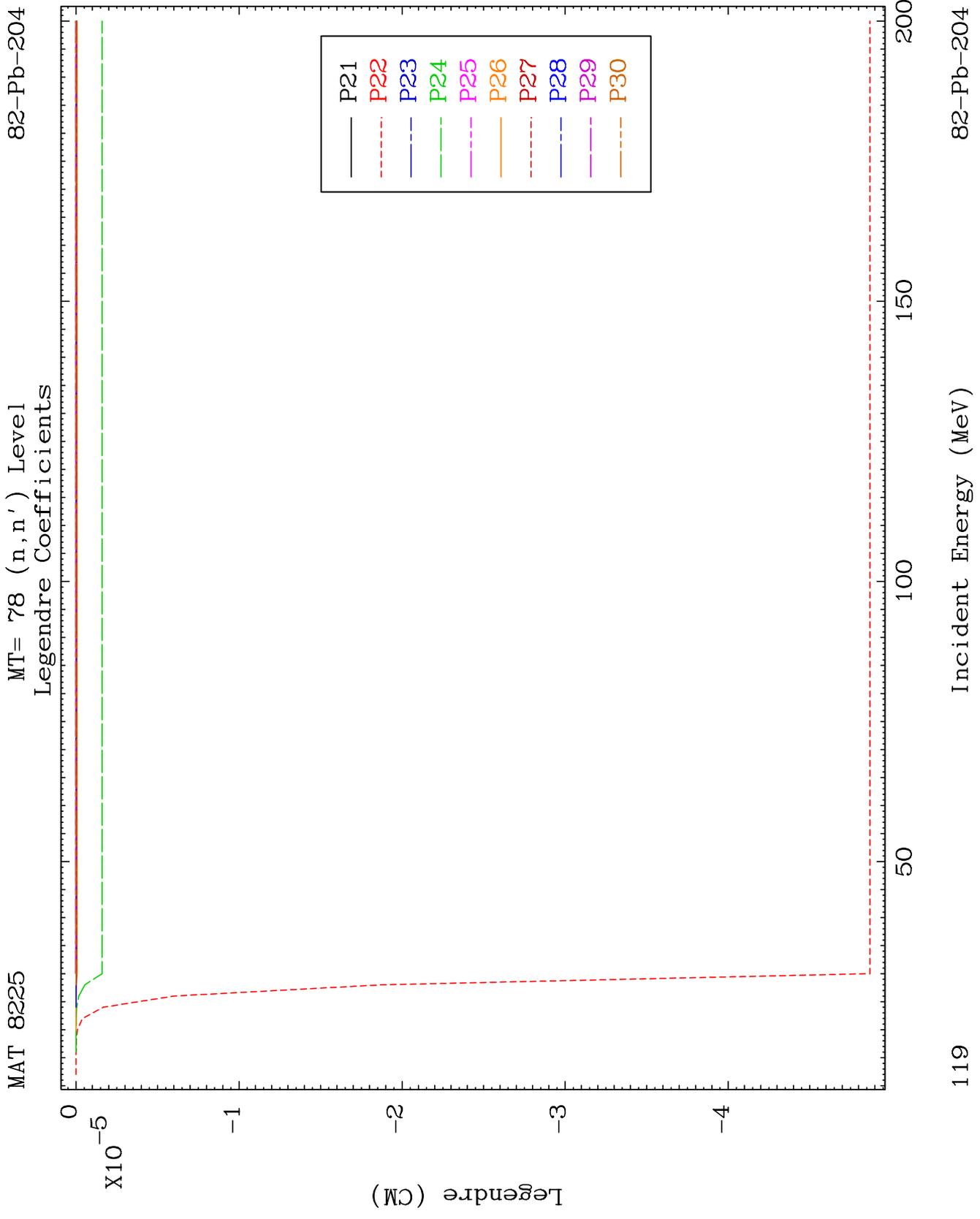
115

Incident Energy (MeV)

82-Pb-204



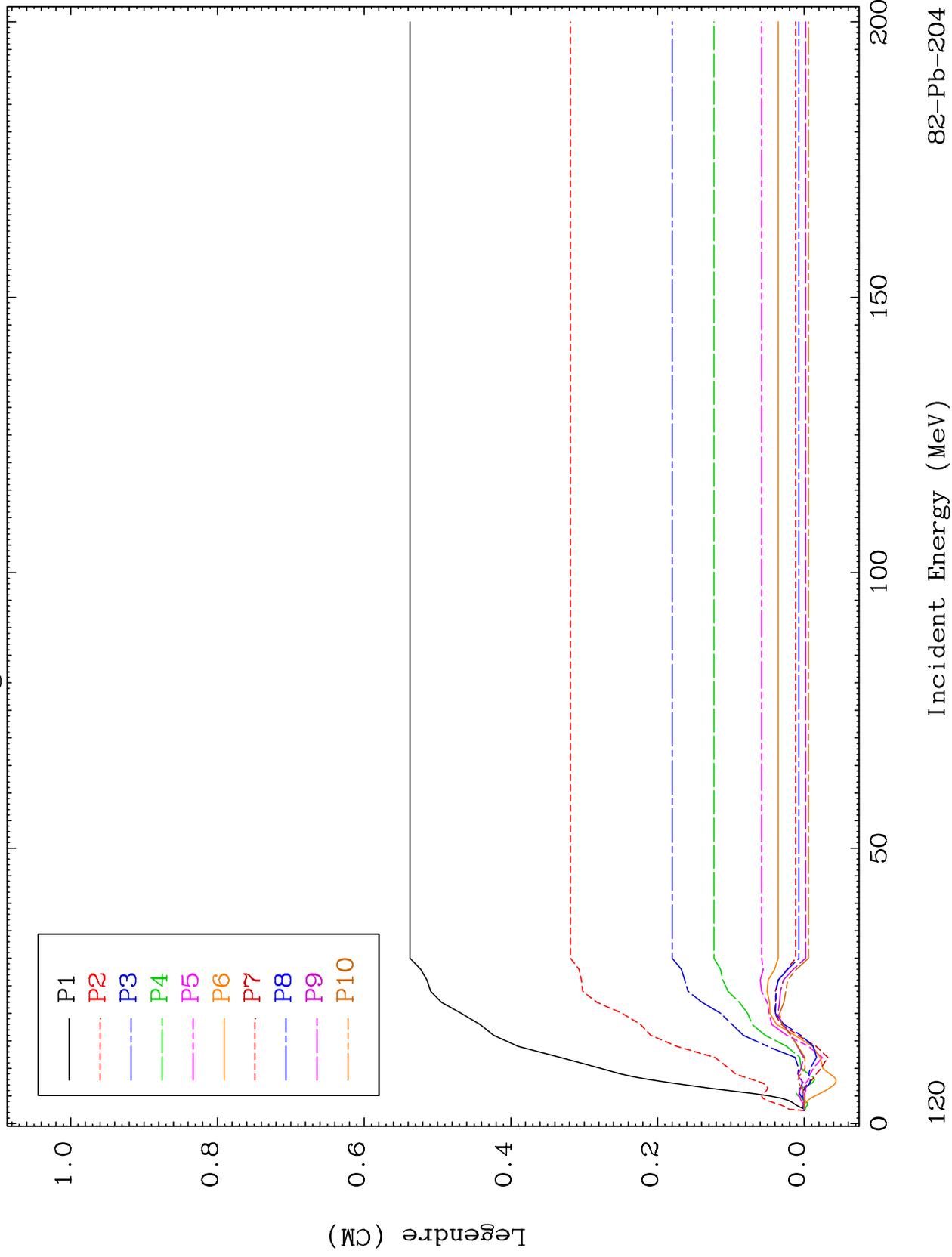




MAT 8225

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

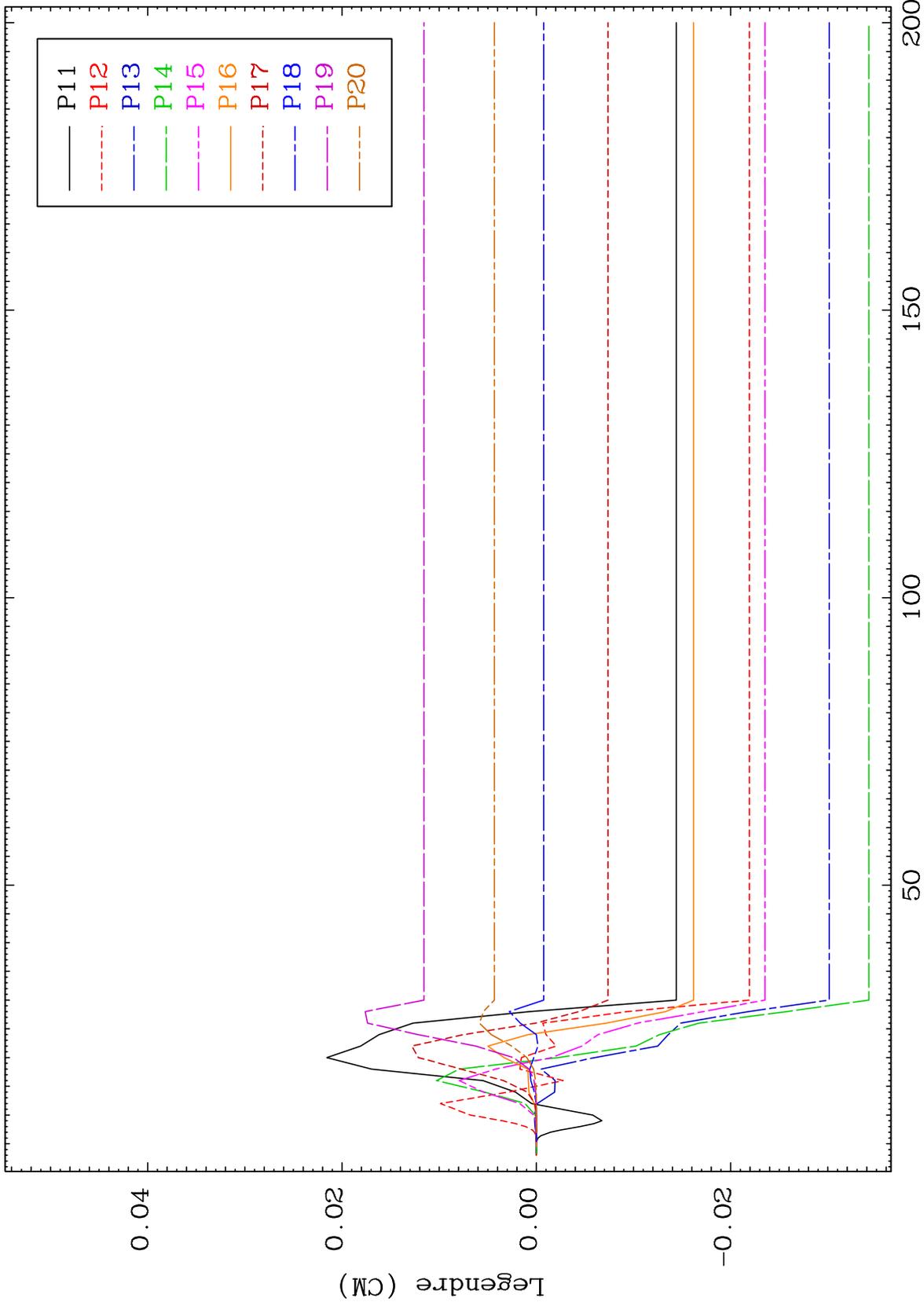
82-Pb-204



MAT 8225

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

82-Pb-204



121

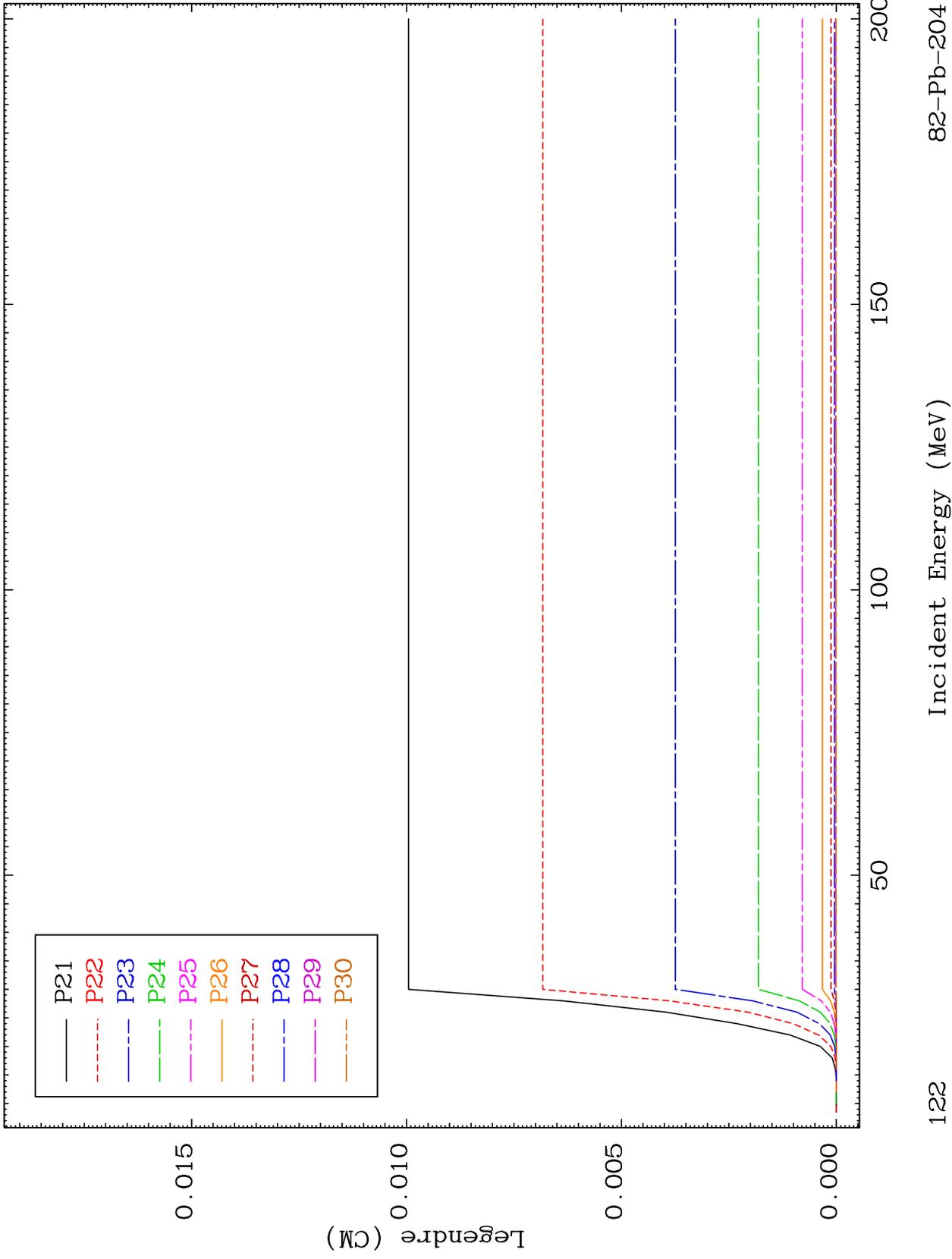
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



122

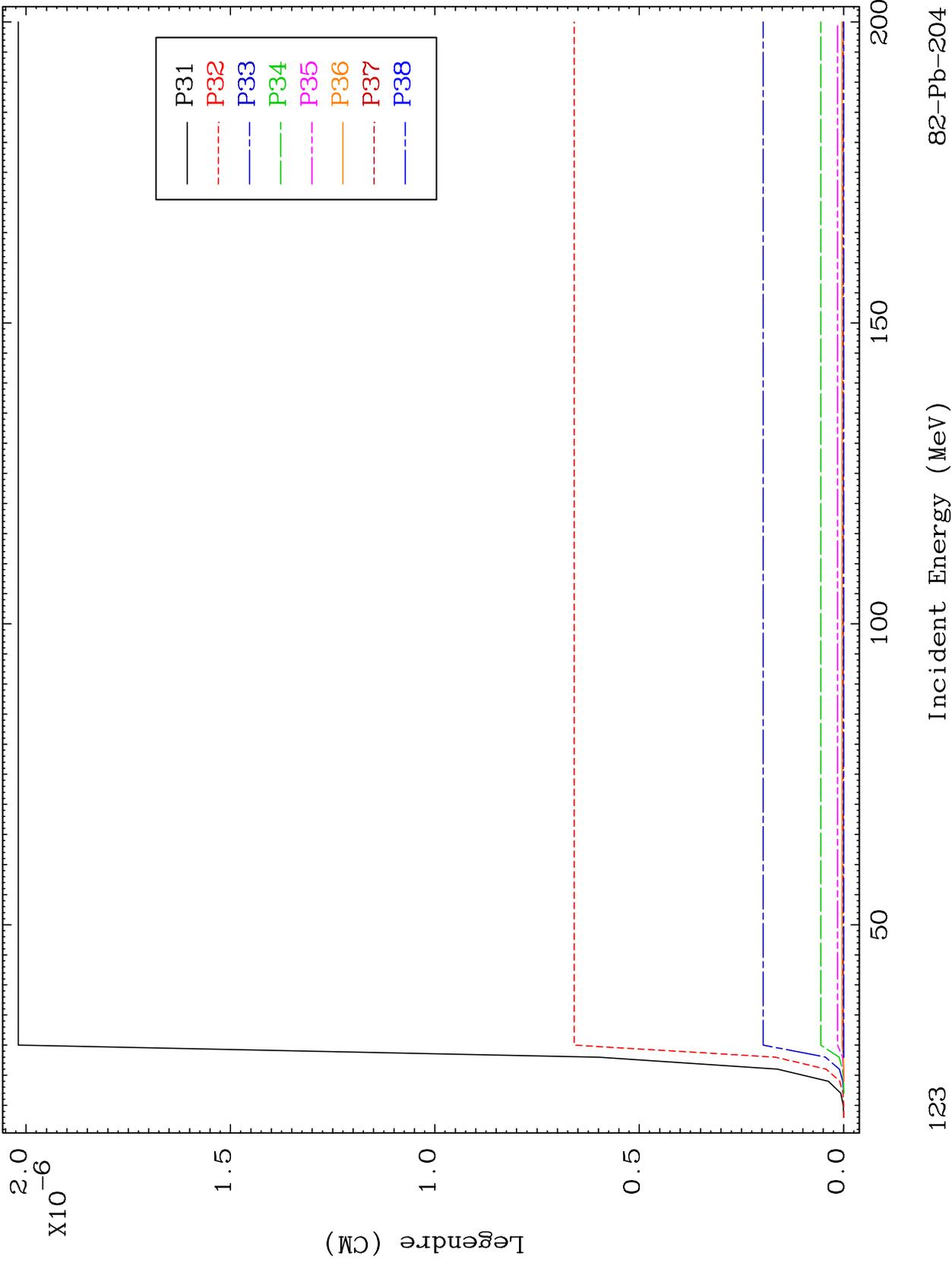
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

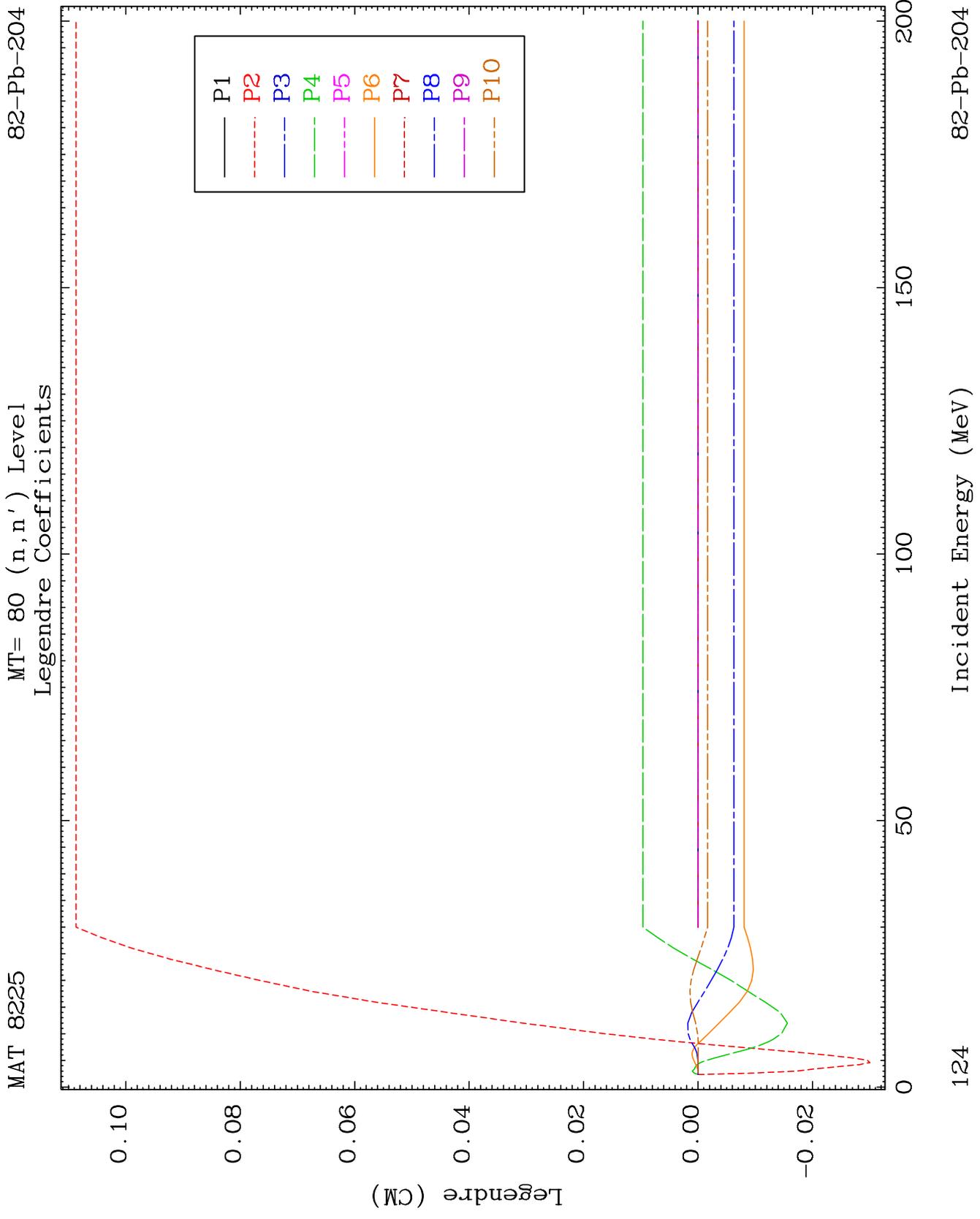
82-Pb-204



123

Incident Energy (MeV)

82-Pb-204



82-Pb-204

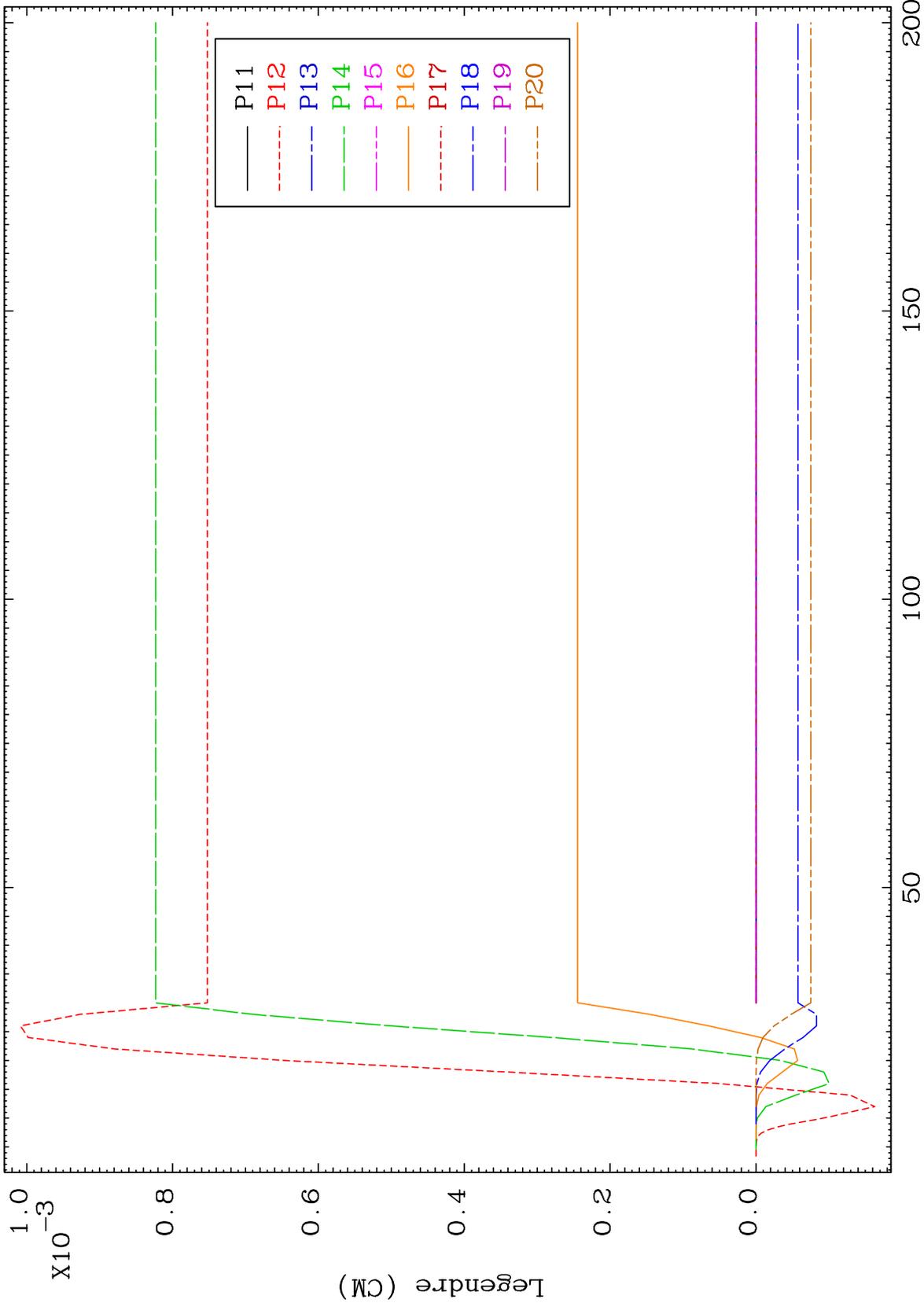
Incident Energy (MeV)

124

MAT 8225

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

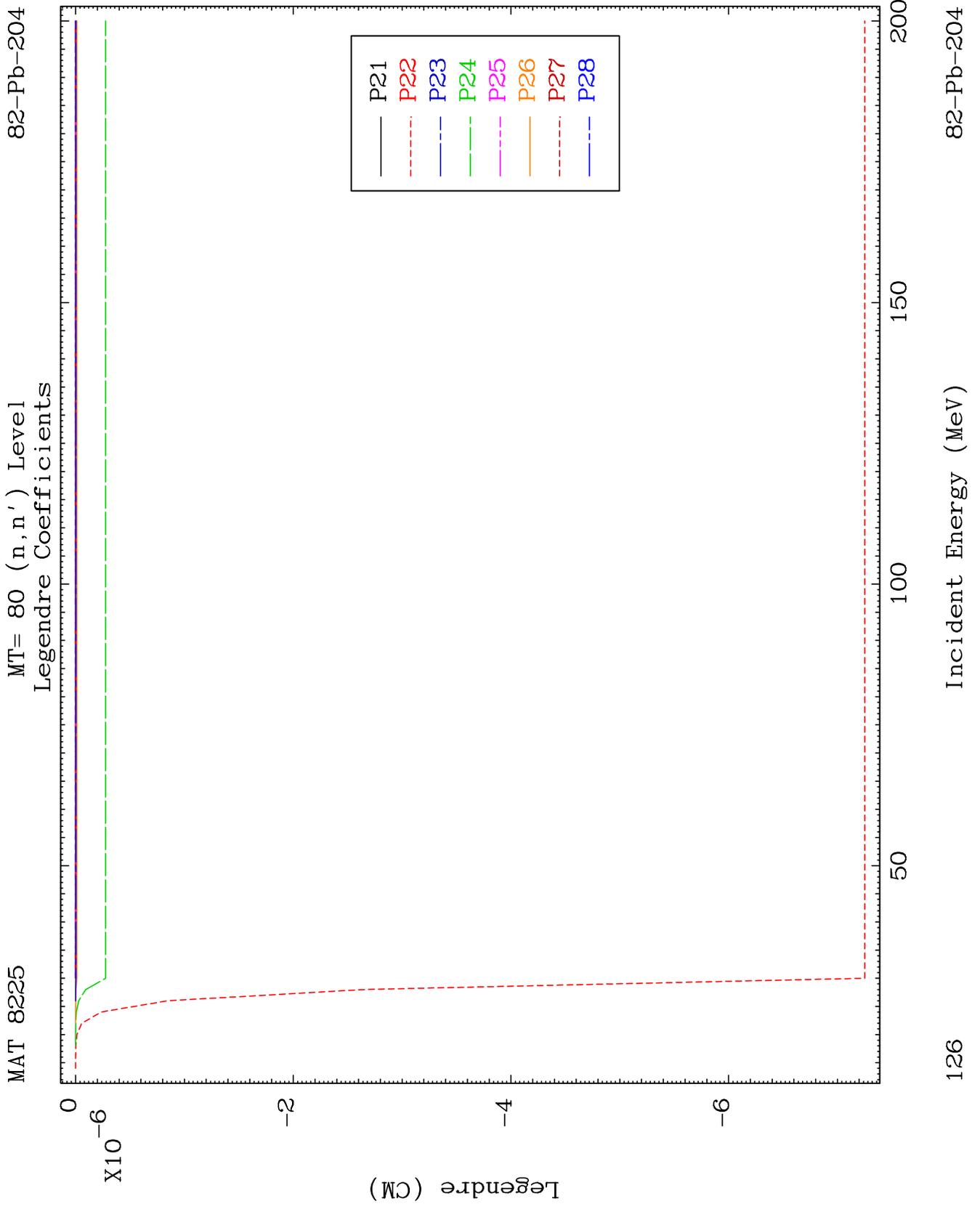
82-Pb-204



125

Incident Energy (MeV)

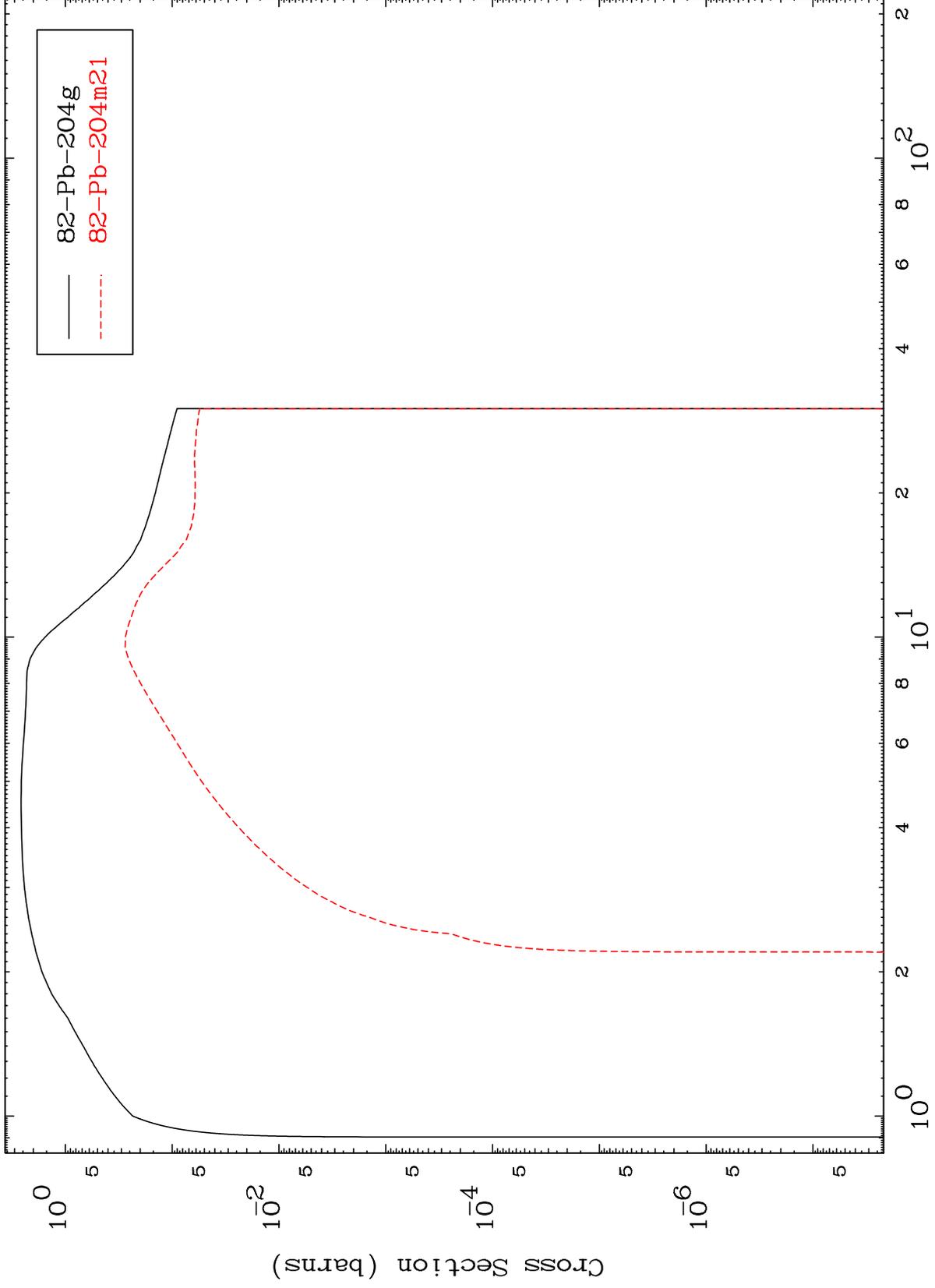
82-Pb-204



MAT 8225

Inelastic
Radionuclide Production Cross Section

82-Pb-204



127

Incident Energy (MeV)

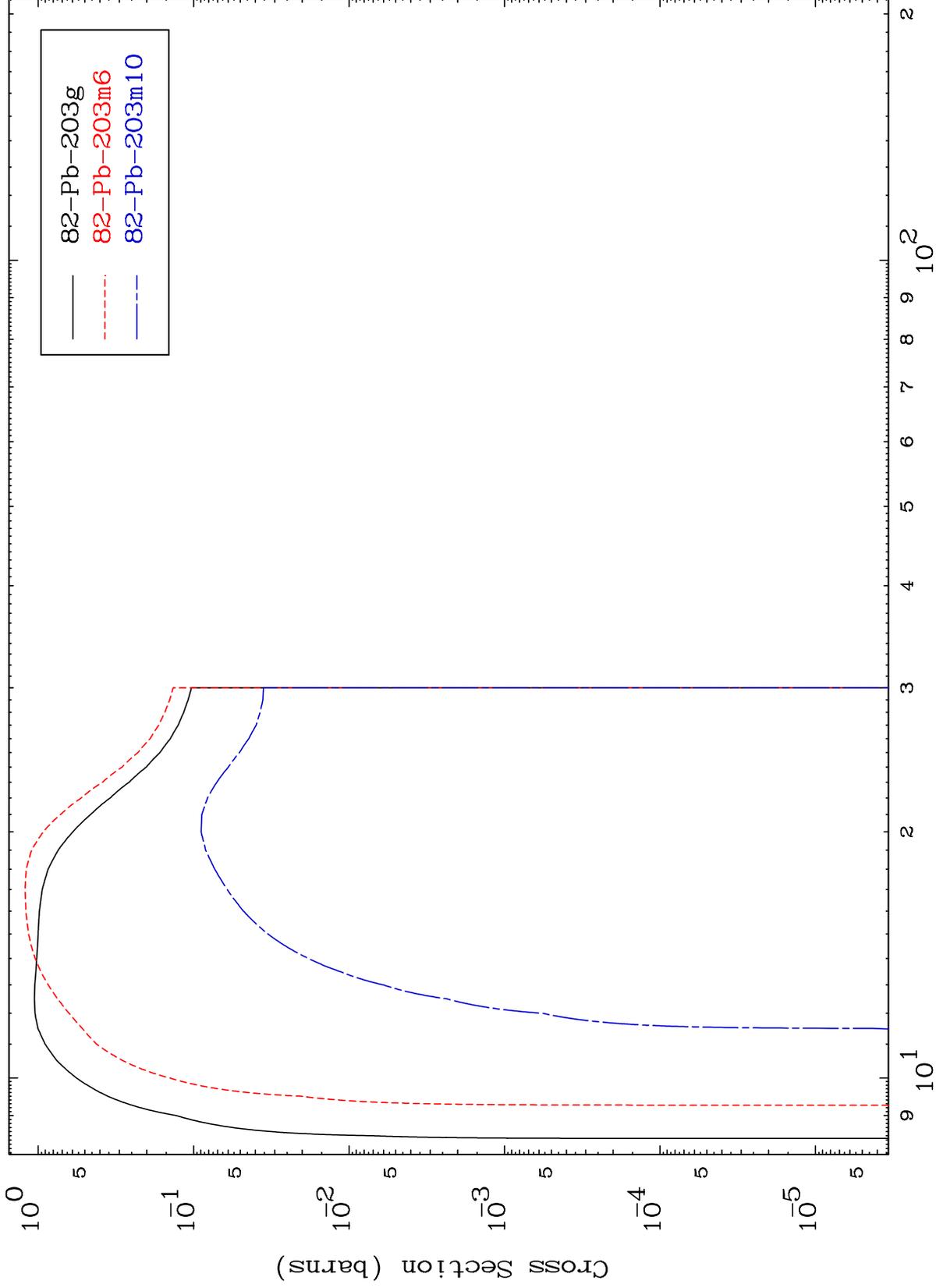
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Radionuclide Production Cross Section



128

Incident Energy (MeV)

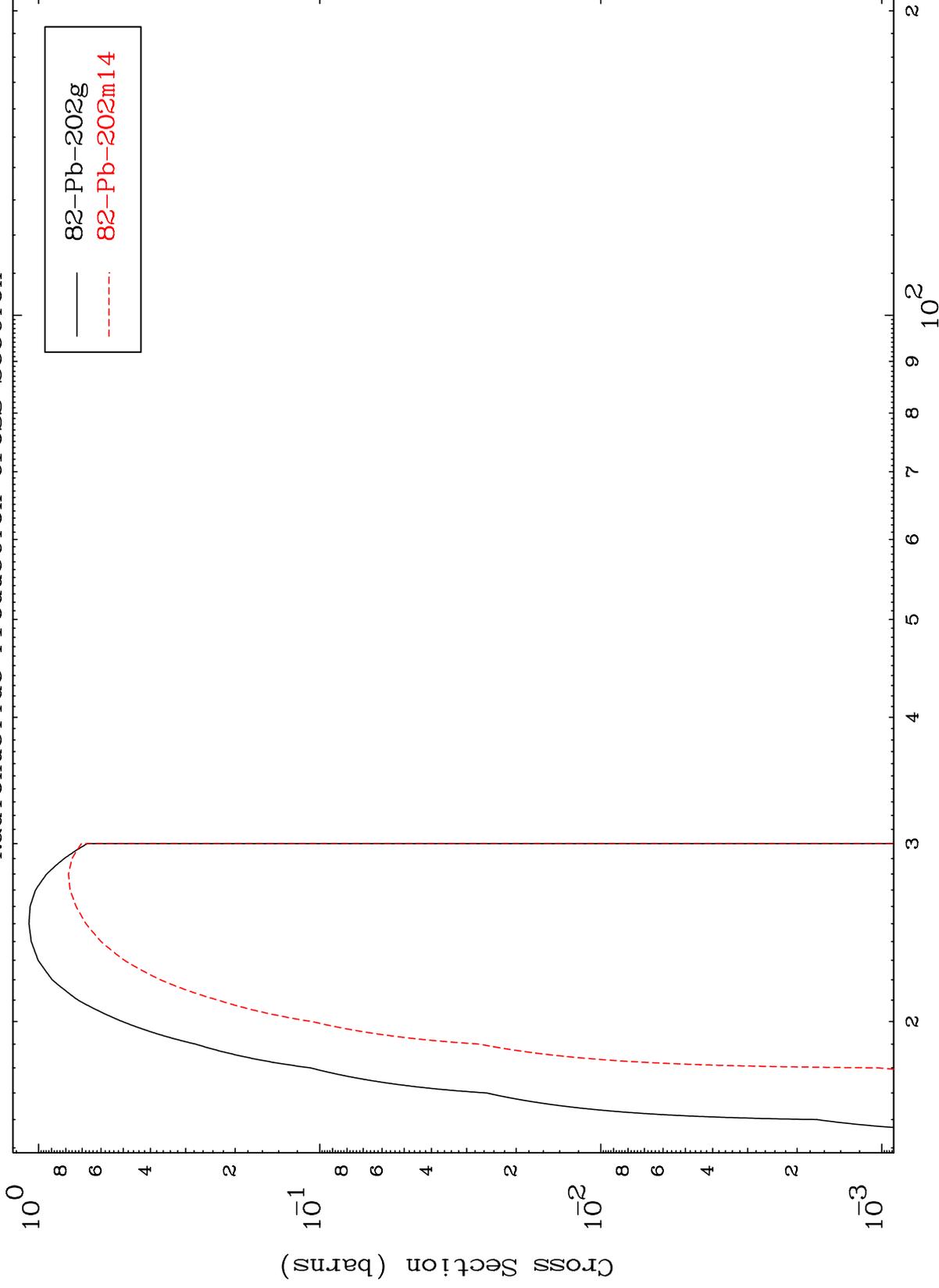
82-Pb-204

MAT 8225

(n,3n)

82-Pb-204

Radionuclide Production Cross Section



129

Incident Energy (MeV)

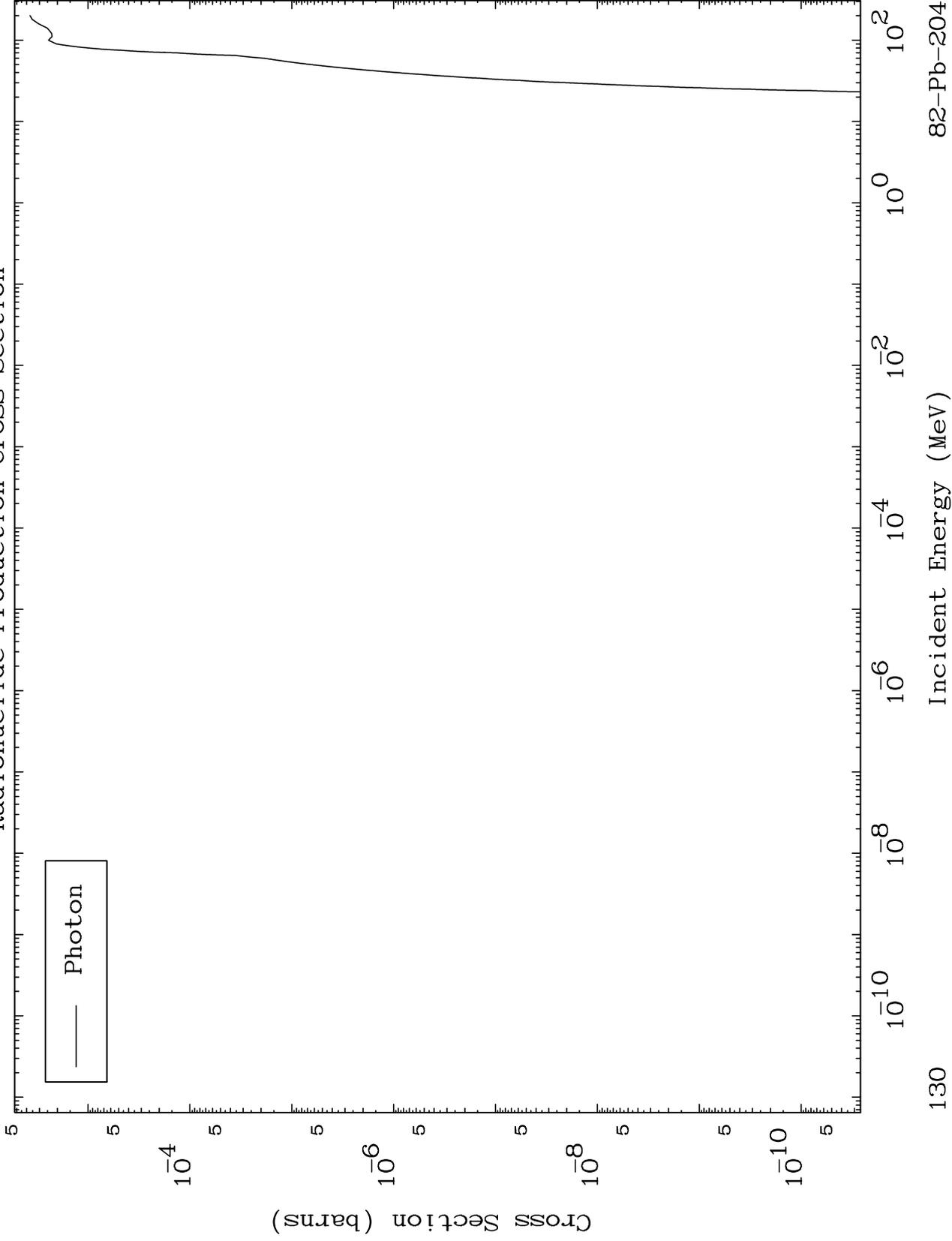
82-Pb-204

MAT 8225

Fission

82-Pb-204

Radionuclide Production Cross Section

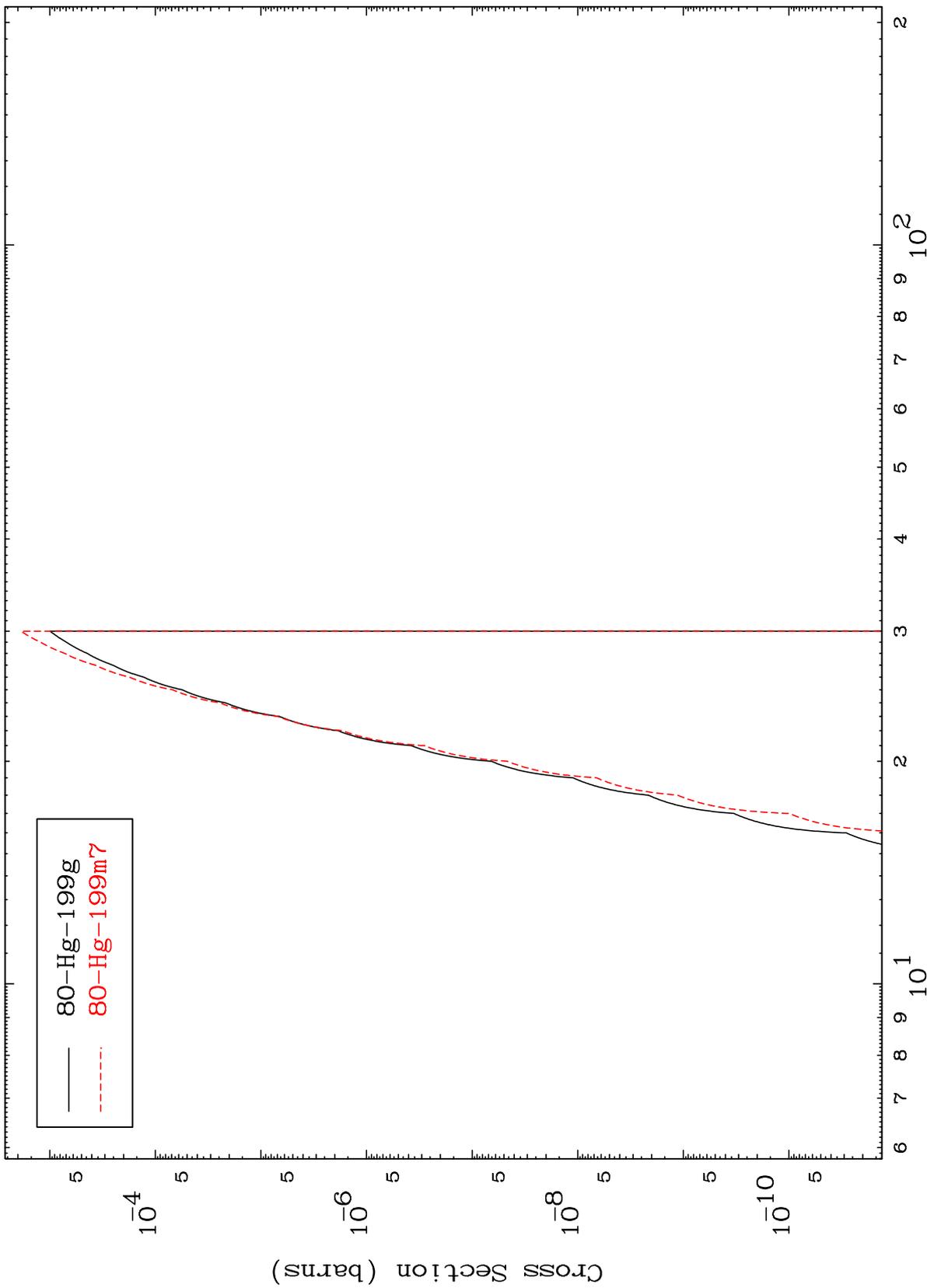


MAT 8225

(n,2n) α

82-Pb-204

Radionuclide Production Cross Section



131

Incident Energy (MeV)

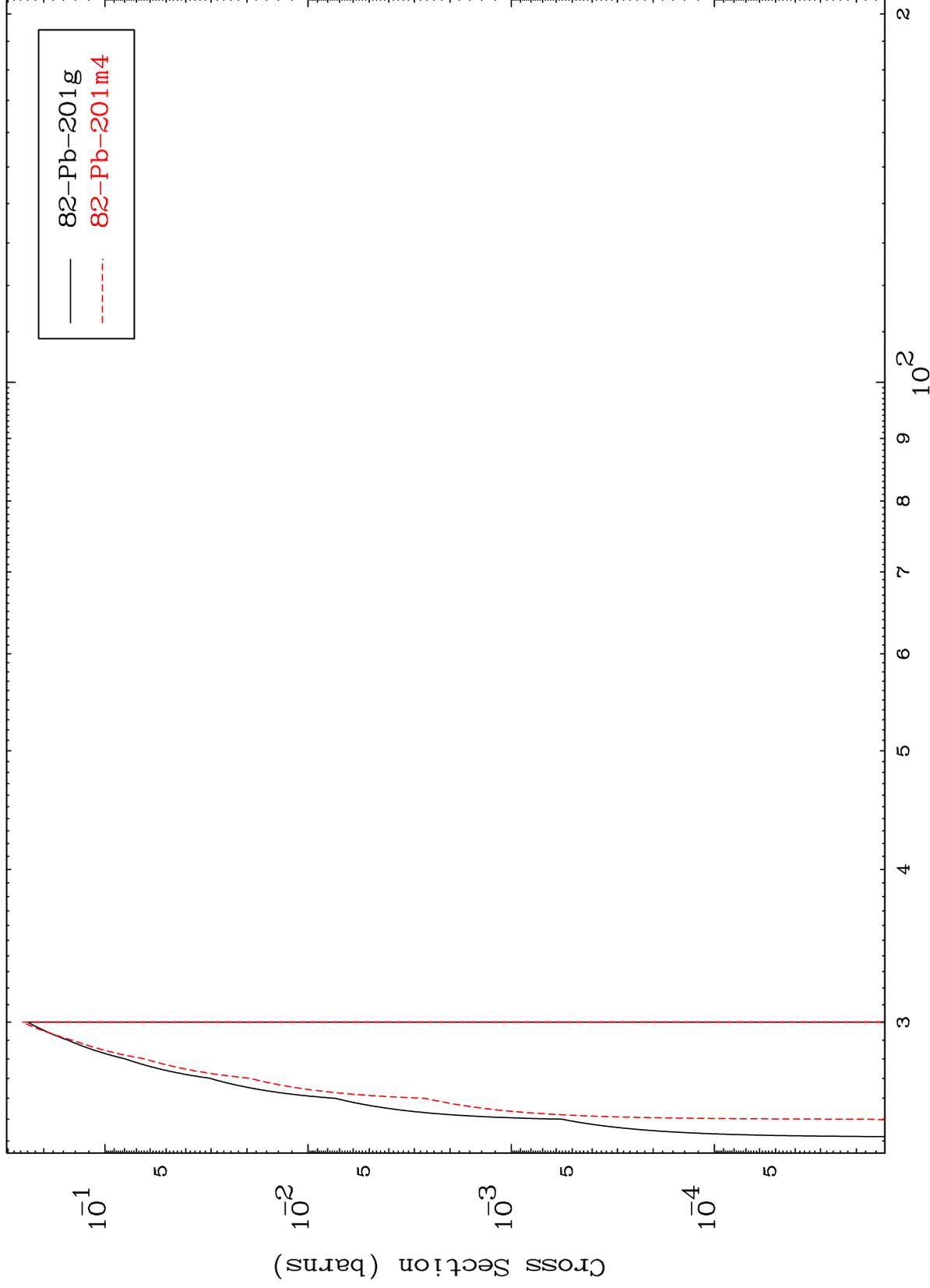
82-Pb-204

MAT 8225

(n,4n)

82-Pb-204

Radionuclide Production Cross Section



132

Incident Energy (MeV)

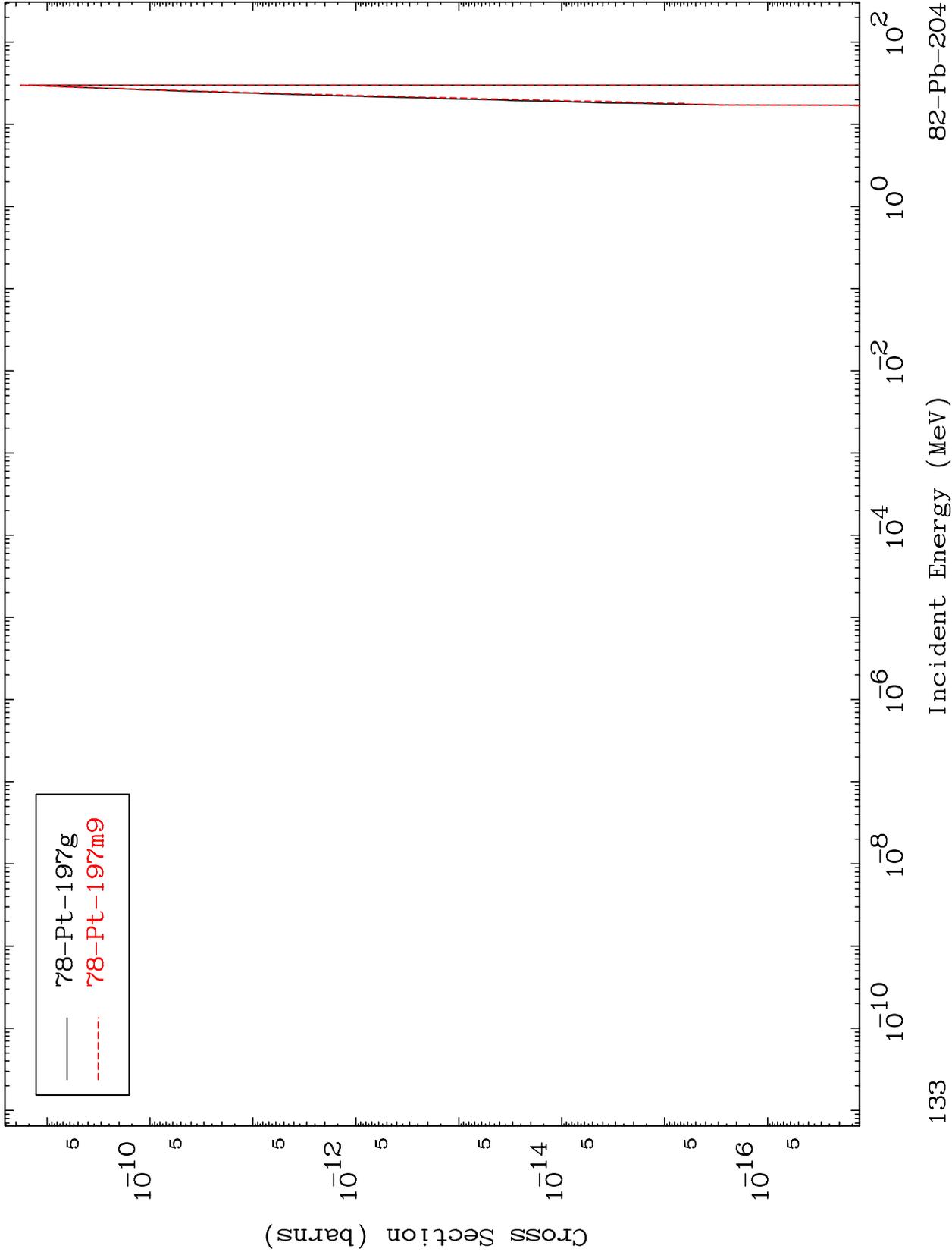
82-Pb-204

MAT 8225

(n,2α)

82-Pb-204

Radionuclide Production Cross Section

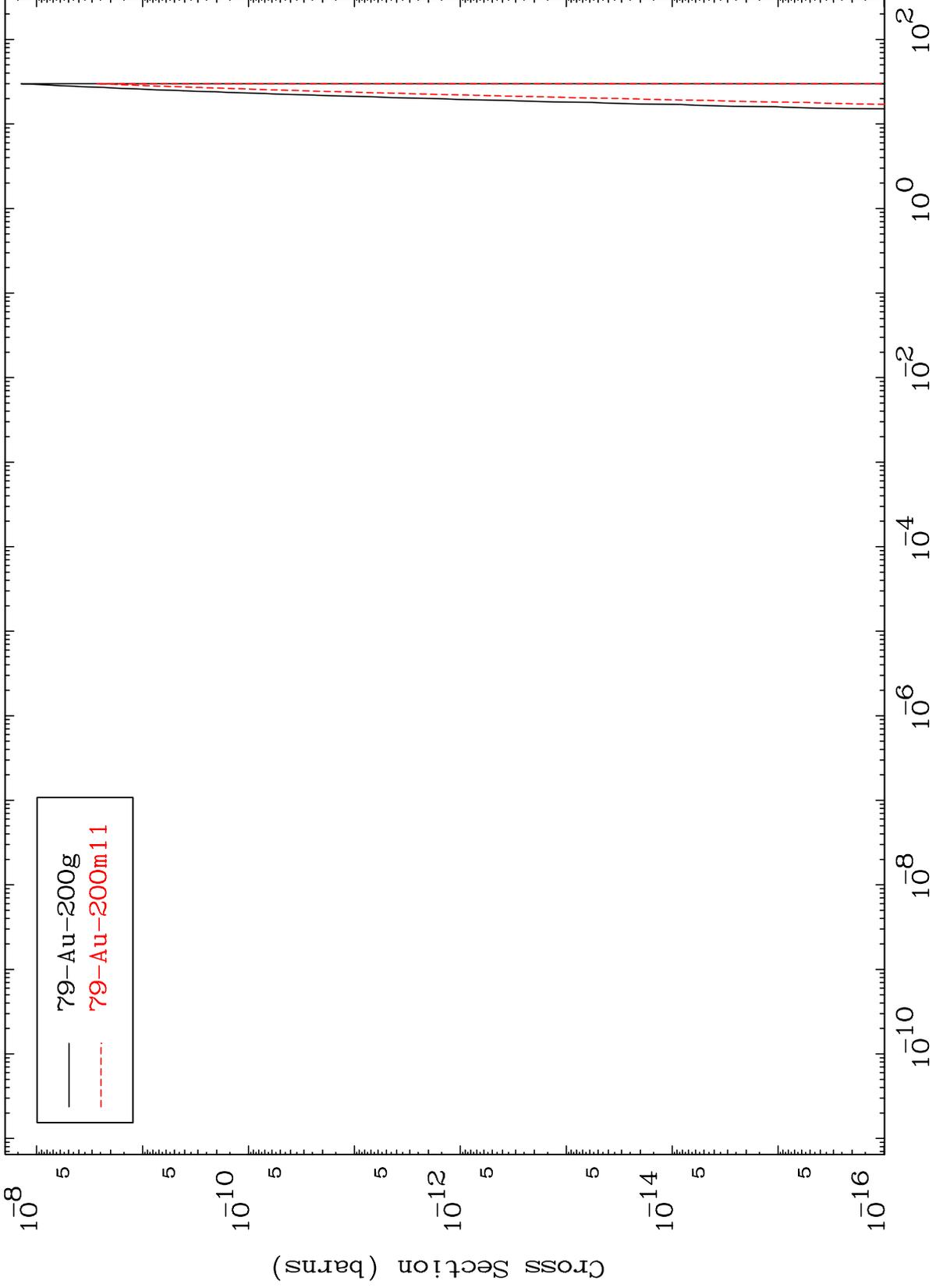


MAT 8225

(n,p) α

82-Pb-204

Radionuclide Production Cross Section



134

Incident Energy (MeV)

82-Pb-204