

Program EVALPLOT
(Version 2018-1)

by

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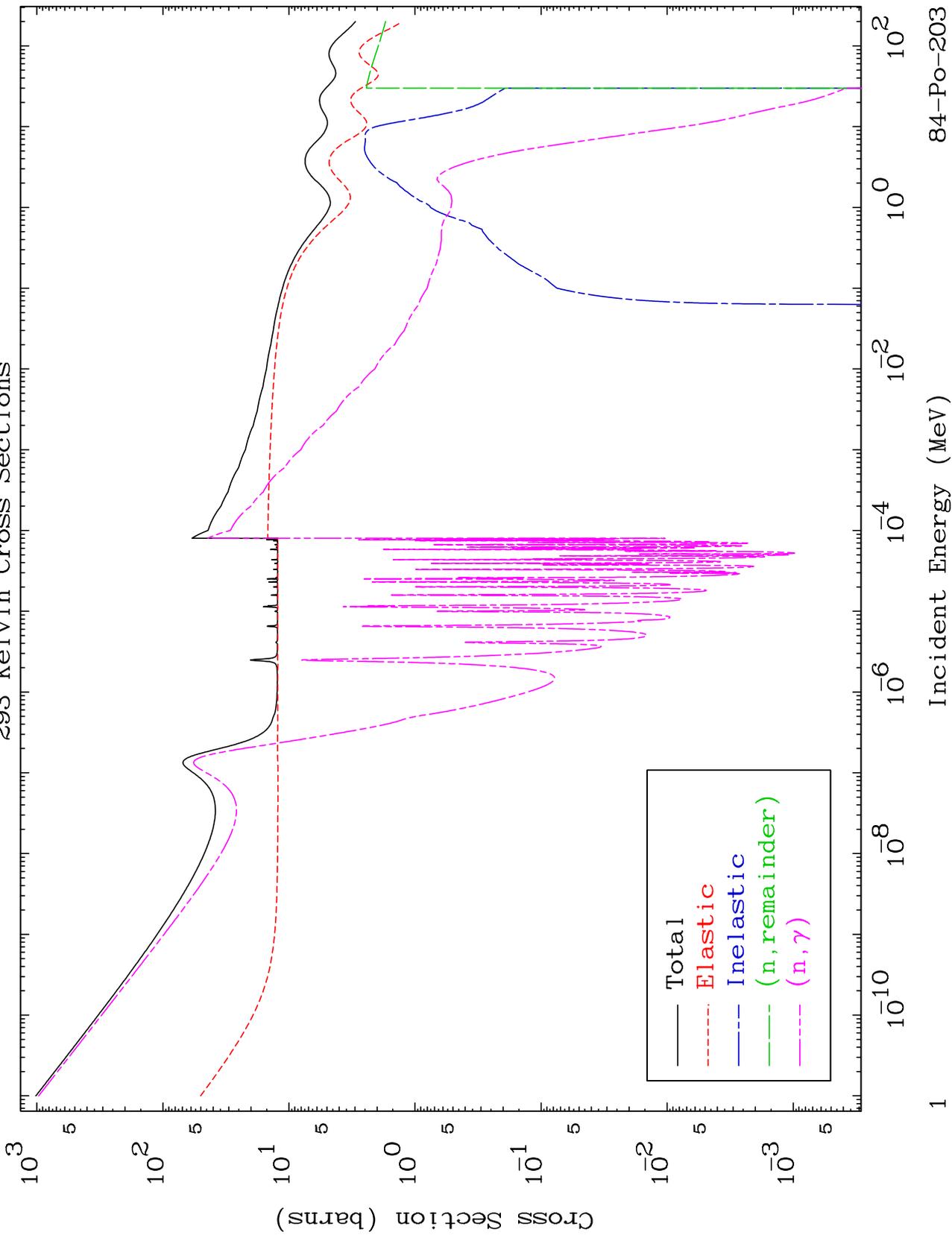
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MAT 8416

Major

293 Kelvin Cross Sections

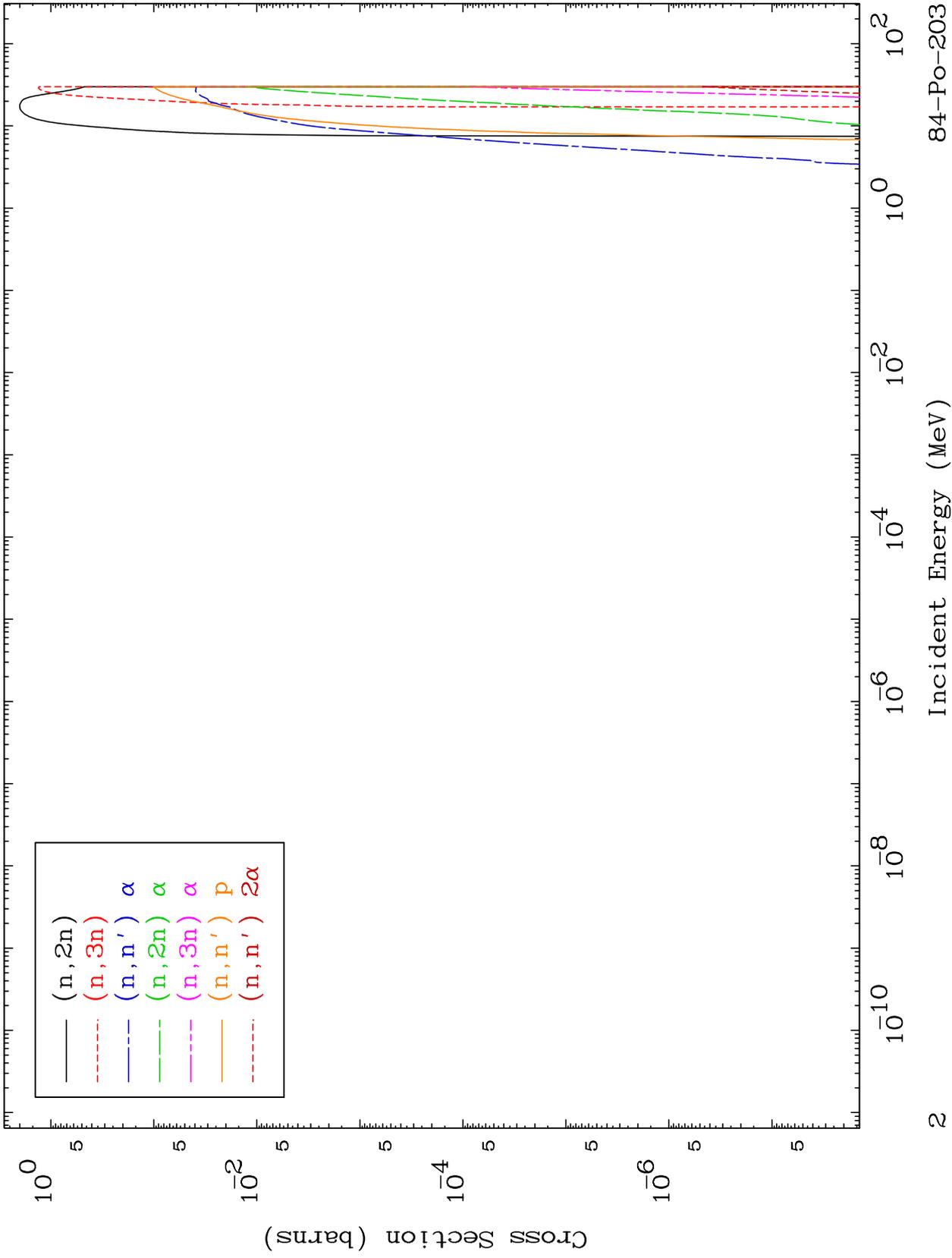
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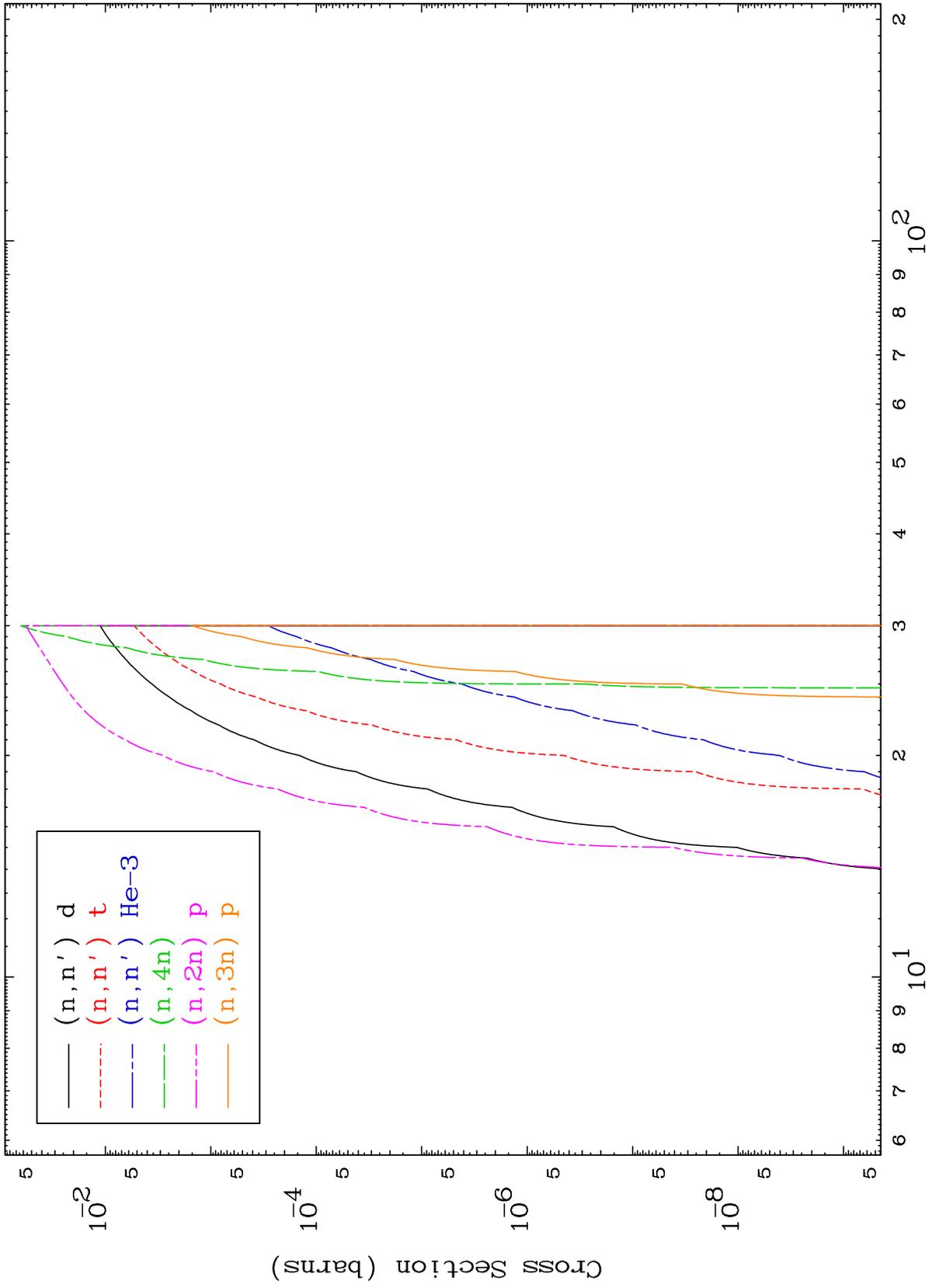


MAT 8416

Neutron Production
293 Kelvin Cross Sections

84-Po-203

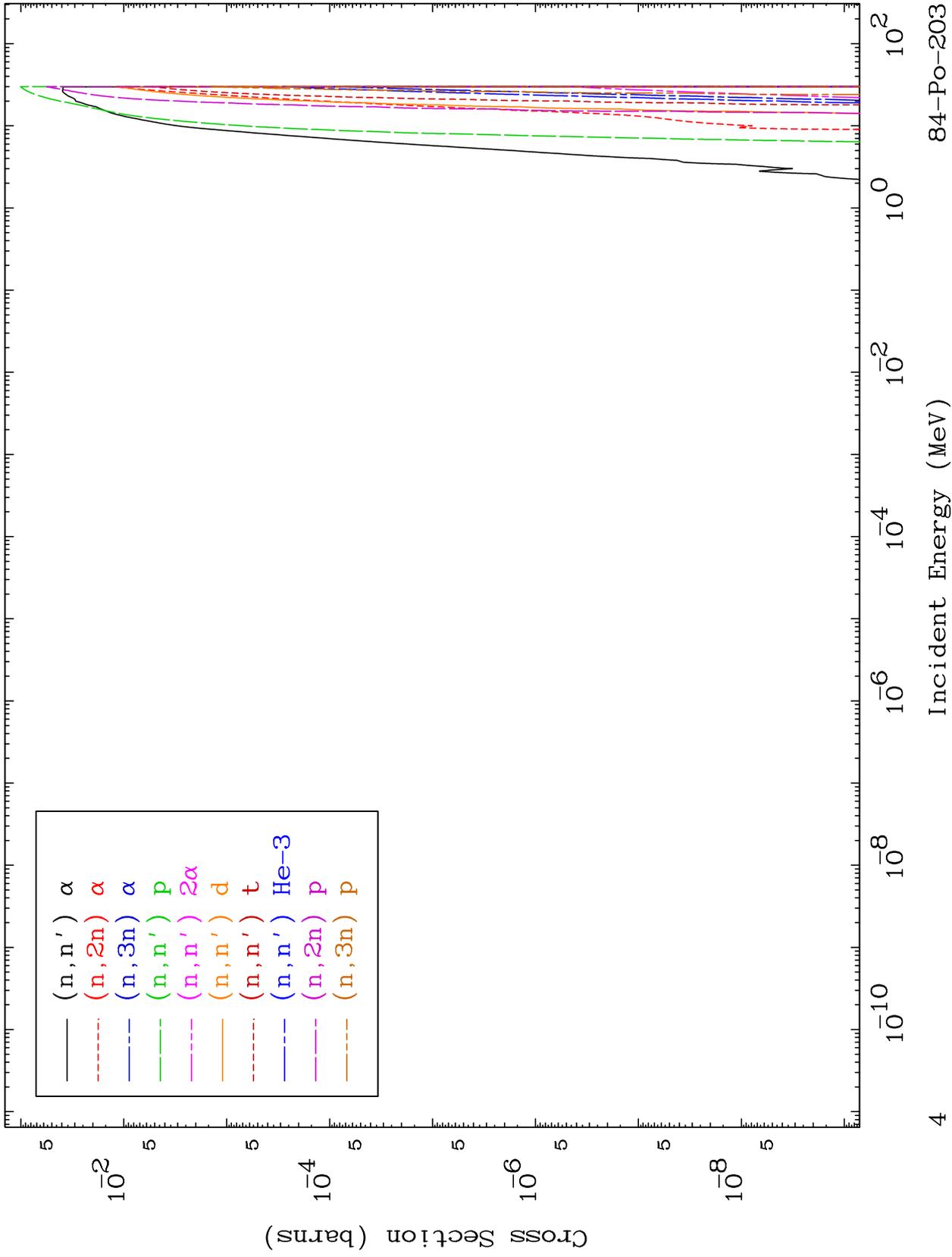




MAT 8416

Charged Particle
293 Kelvin Cross Sections

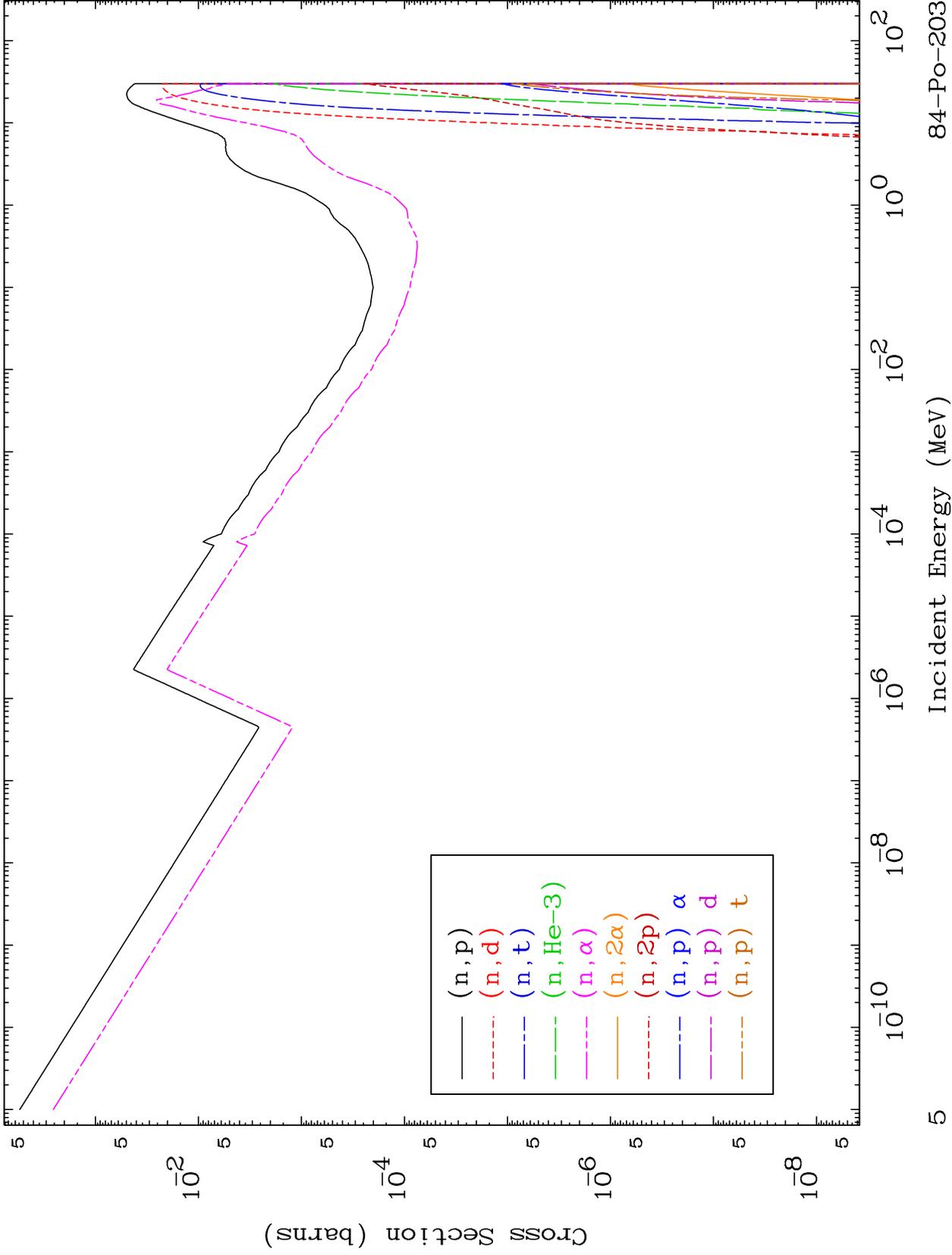
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MAT 8416

Charged Particle
293 Kelvin Cross Sections

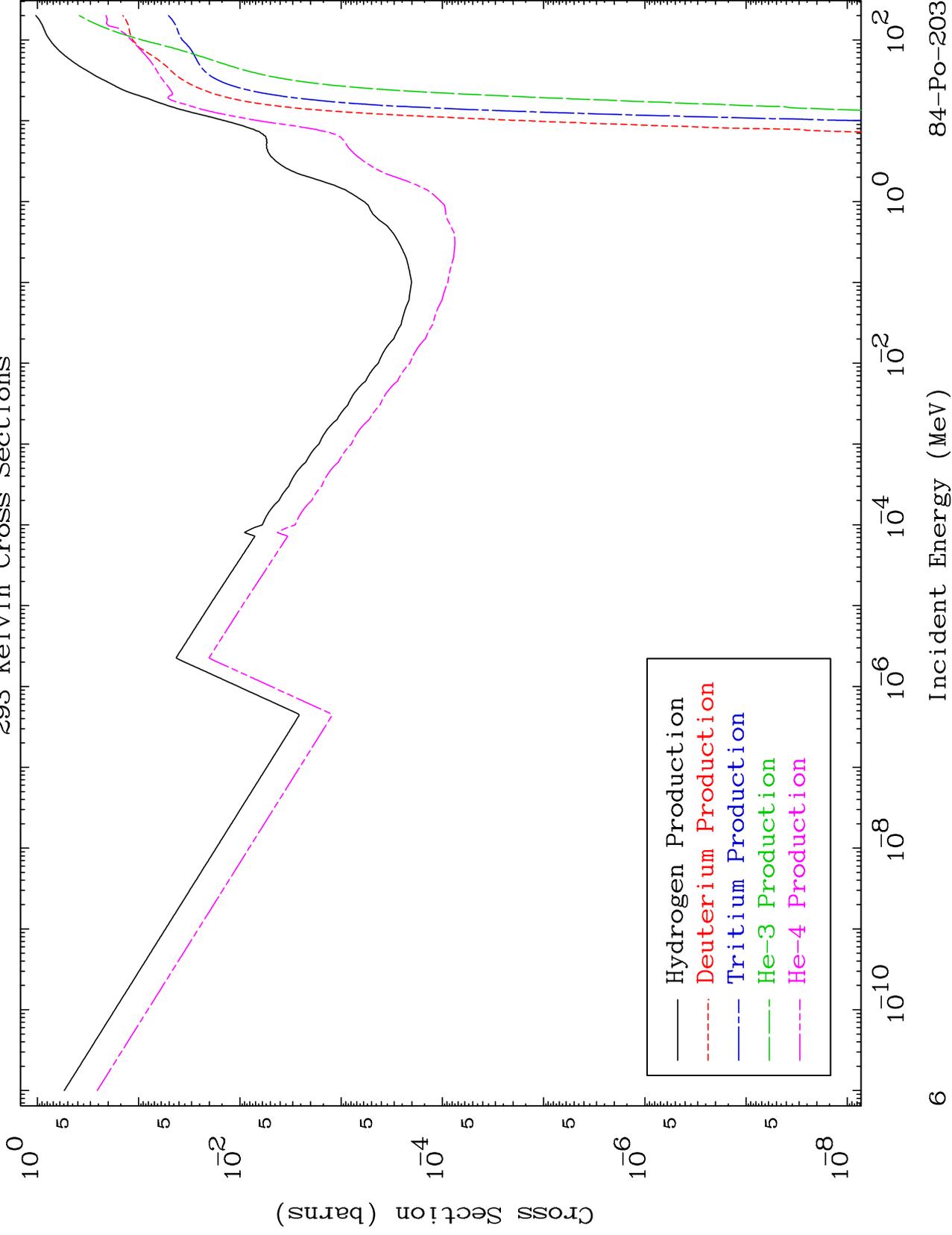
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MAT 8416

Particle Production
293 Kelvin Cross Sections

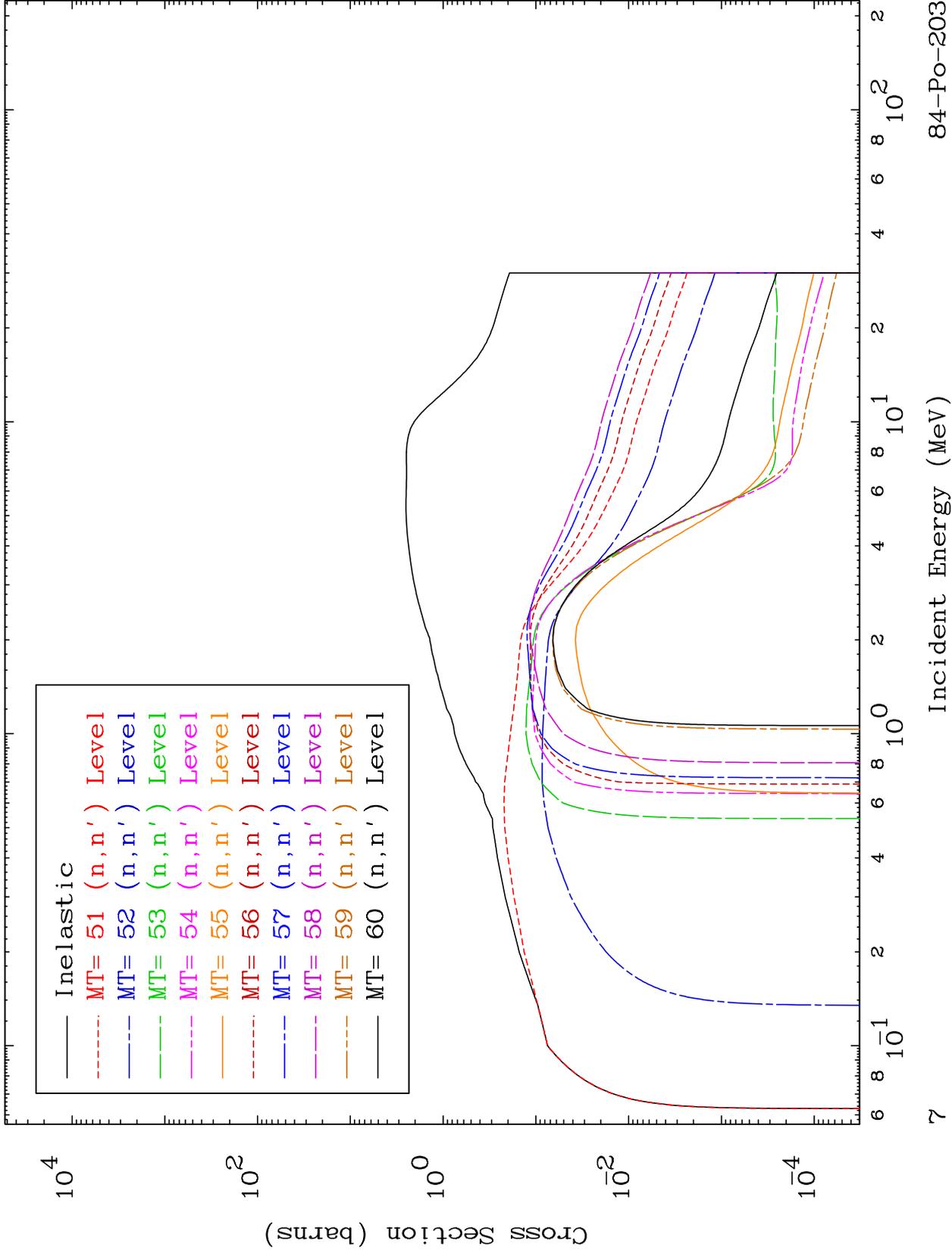
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MAT 8416

(n,n') Level
293 Kelvin Cross Sections

84-Po-203

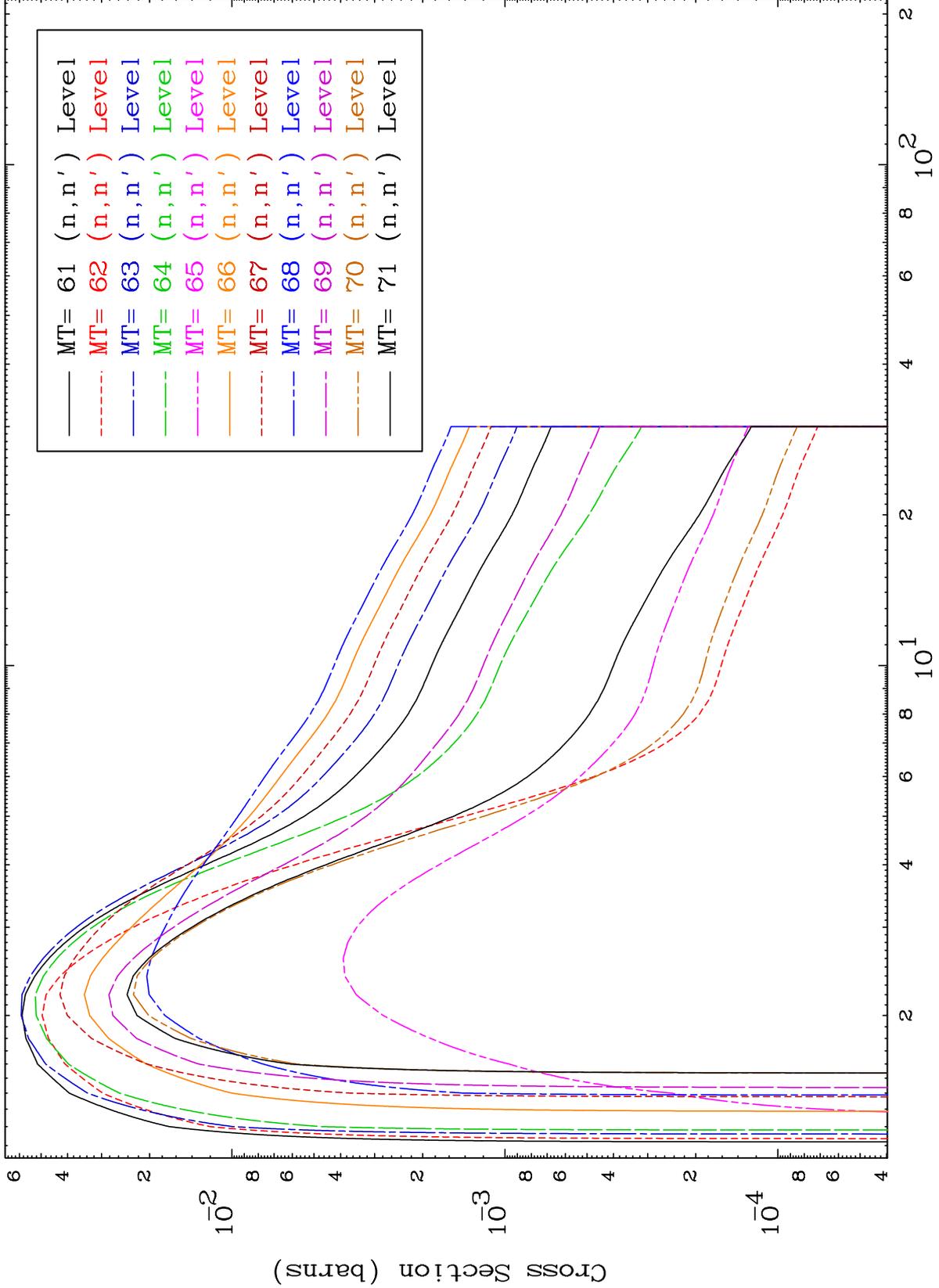


MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



8

Incident Energy (MeV)

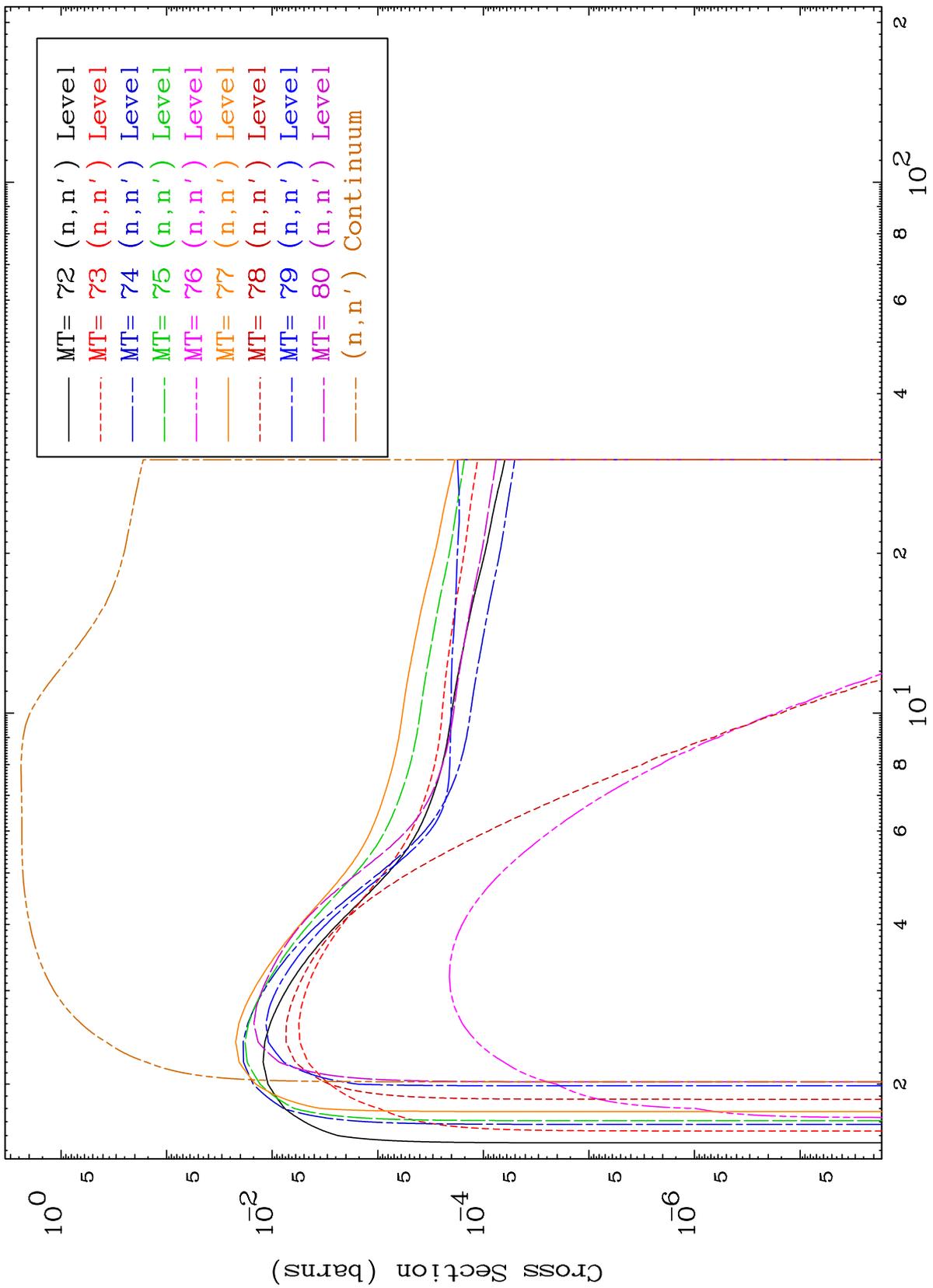
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MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



9

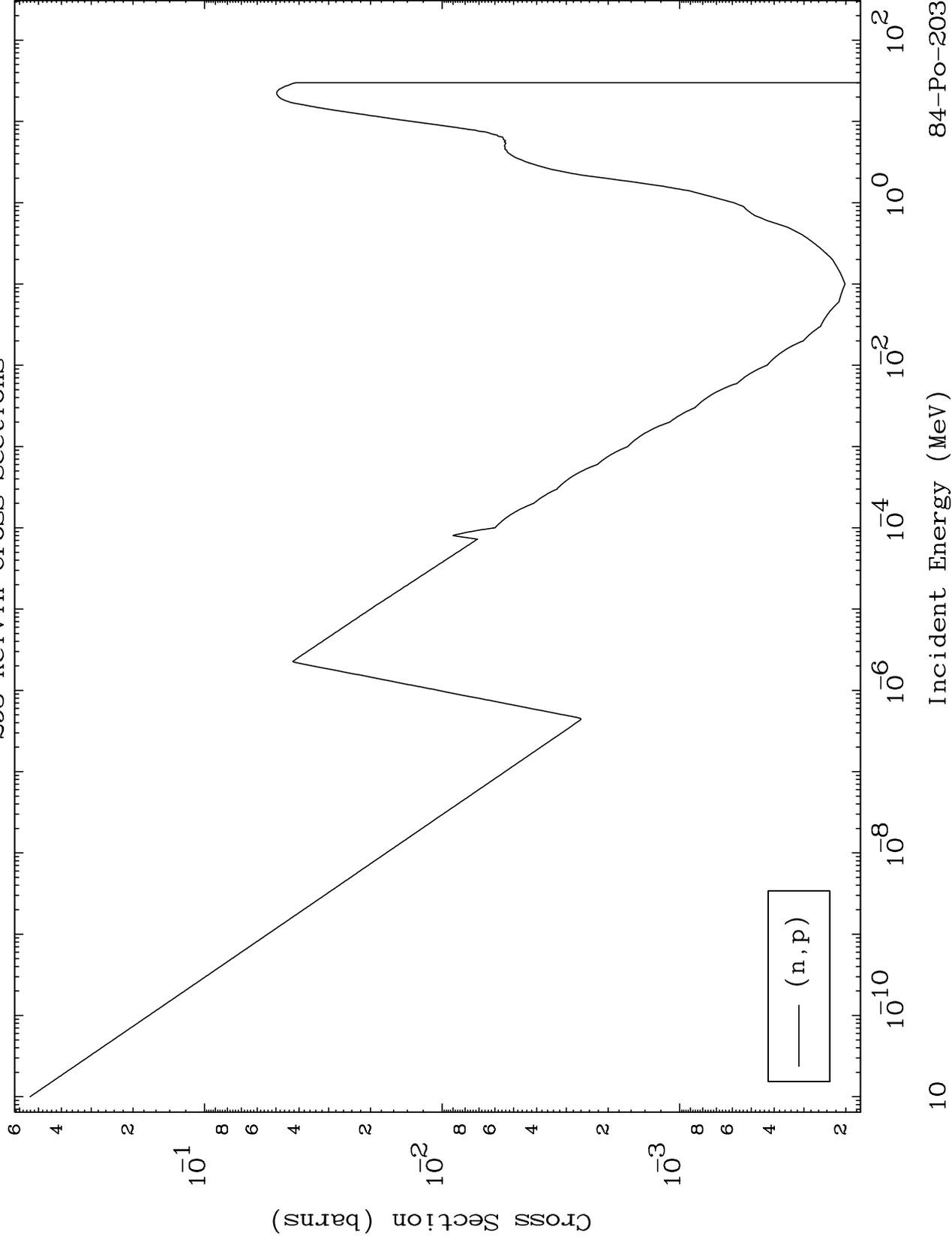
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,p) Levels
293 Kelvin Cross Sections

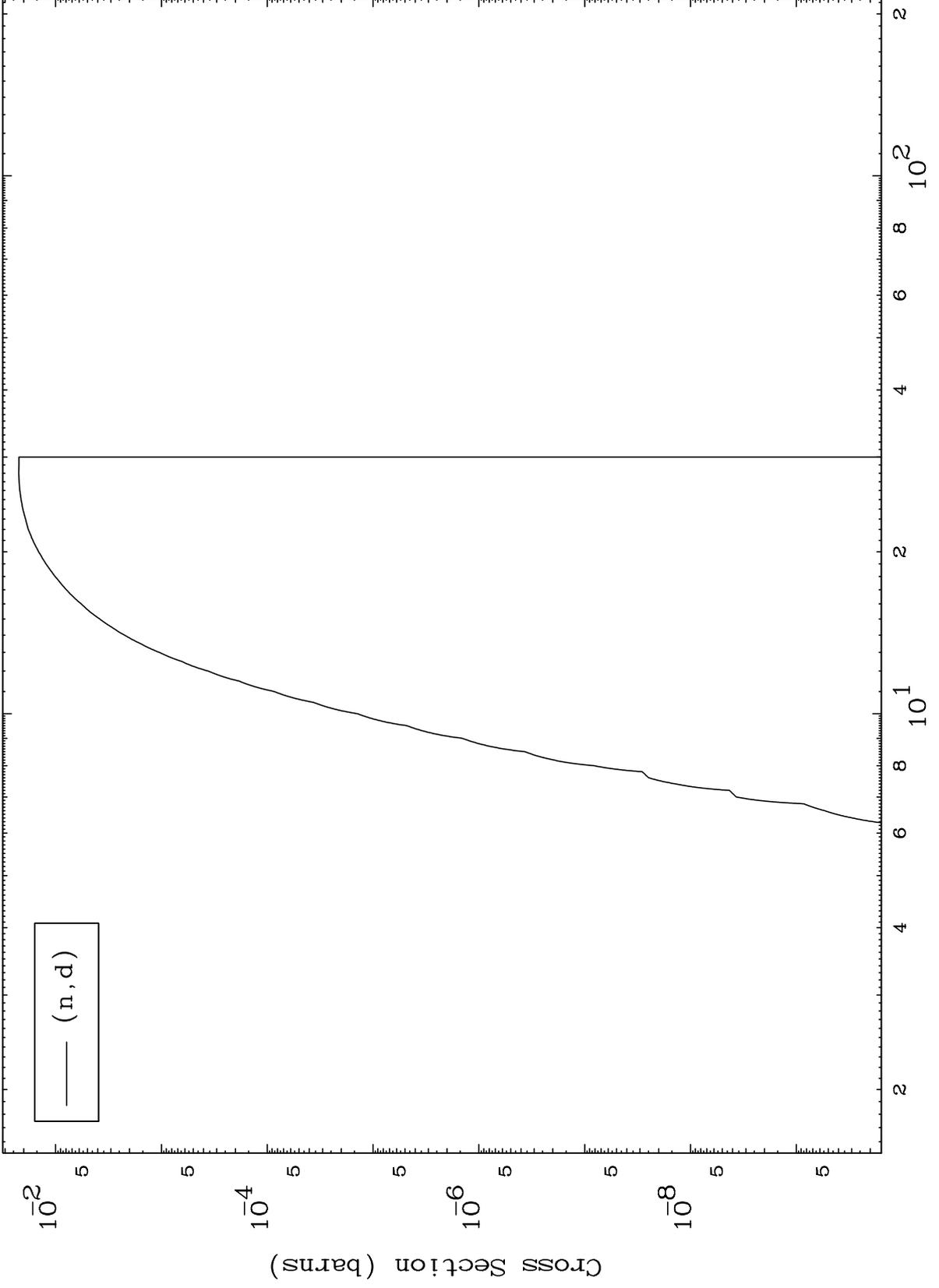
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MAT 8416

(n,d) Levels
293 Kelvin Cross Sections

84-Po-203



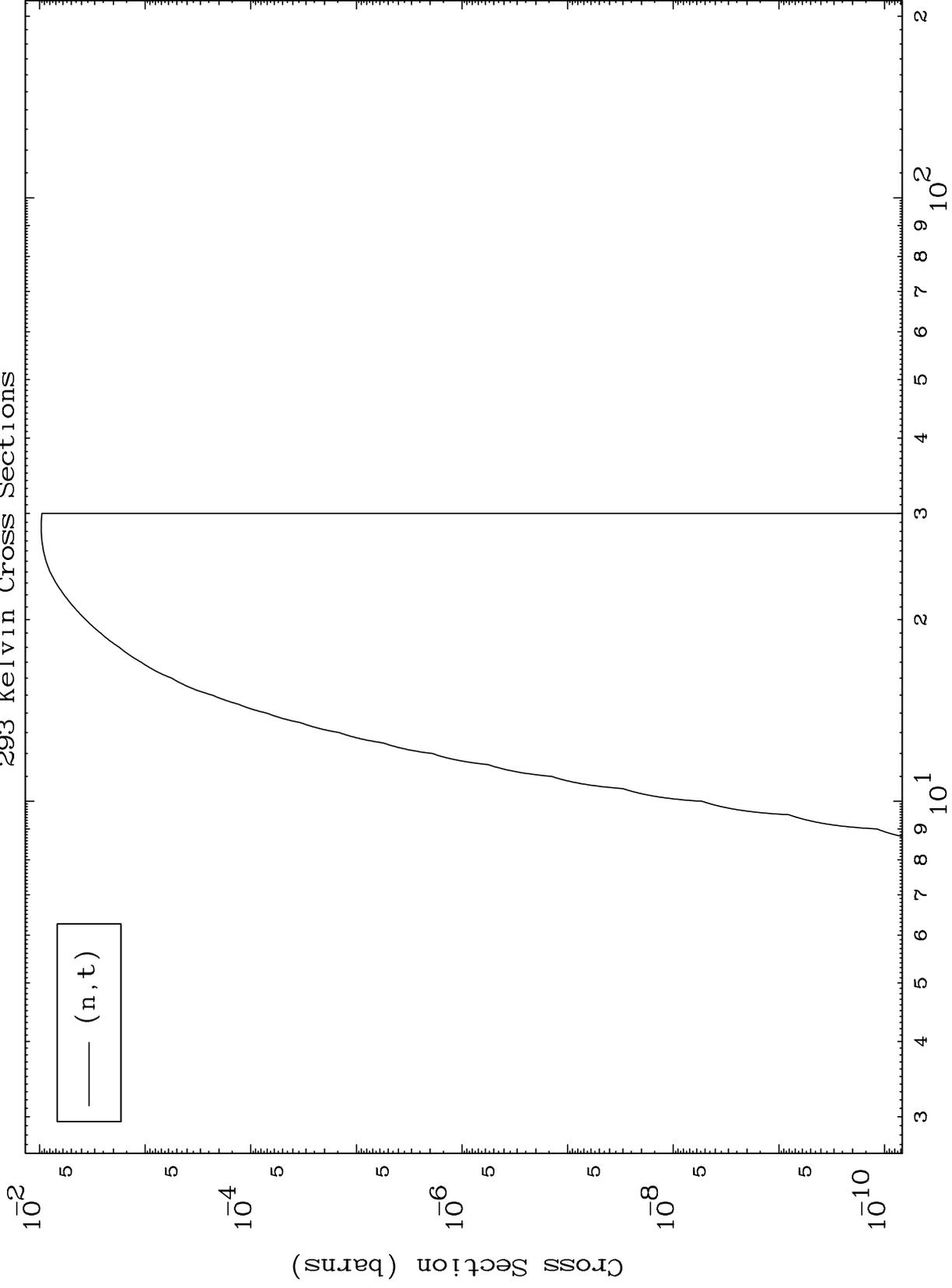
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84-Po-203

MAT 8416

(n,t) Levels
293 Kelvin Cross Sections

84-Po-203



12

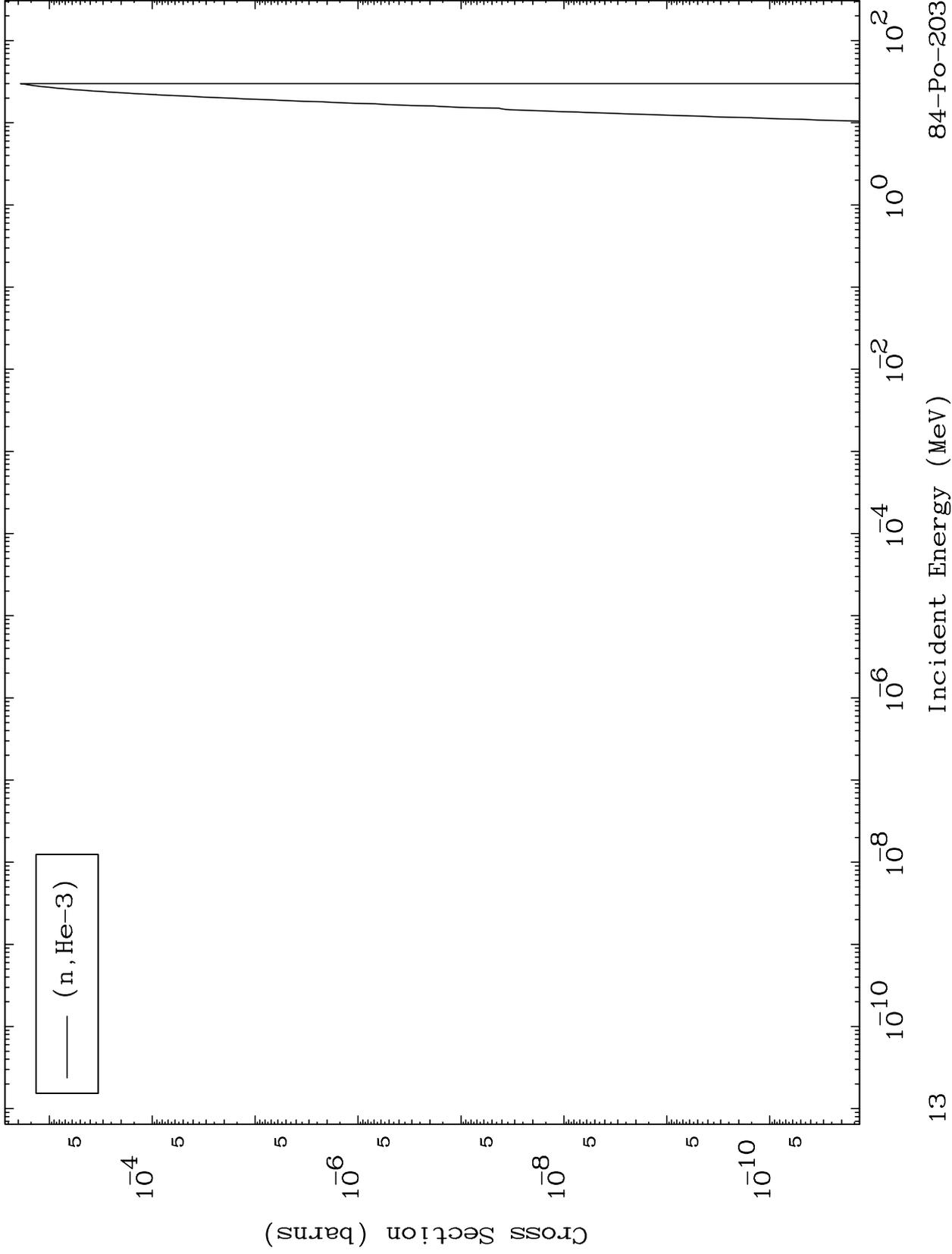
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MAT 8416

(n,He3) Levels
293 Kelvin Cross Sections

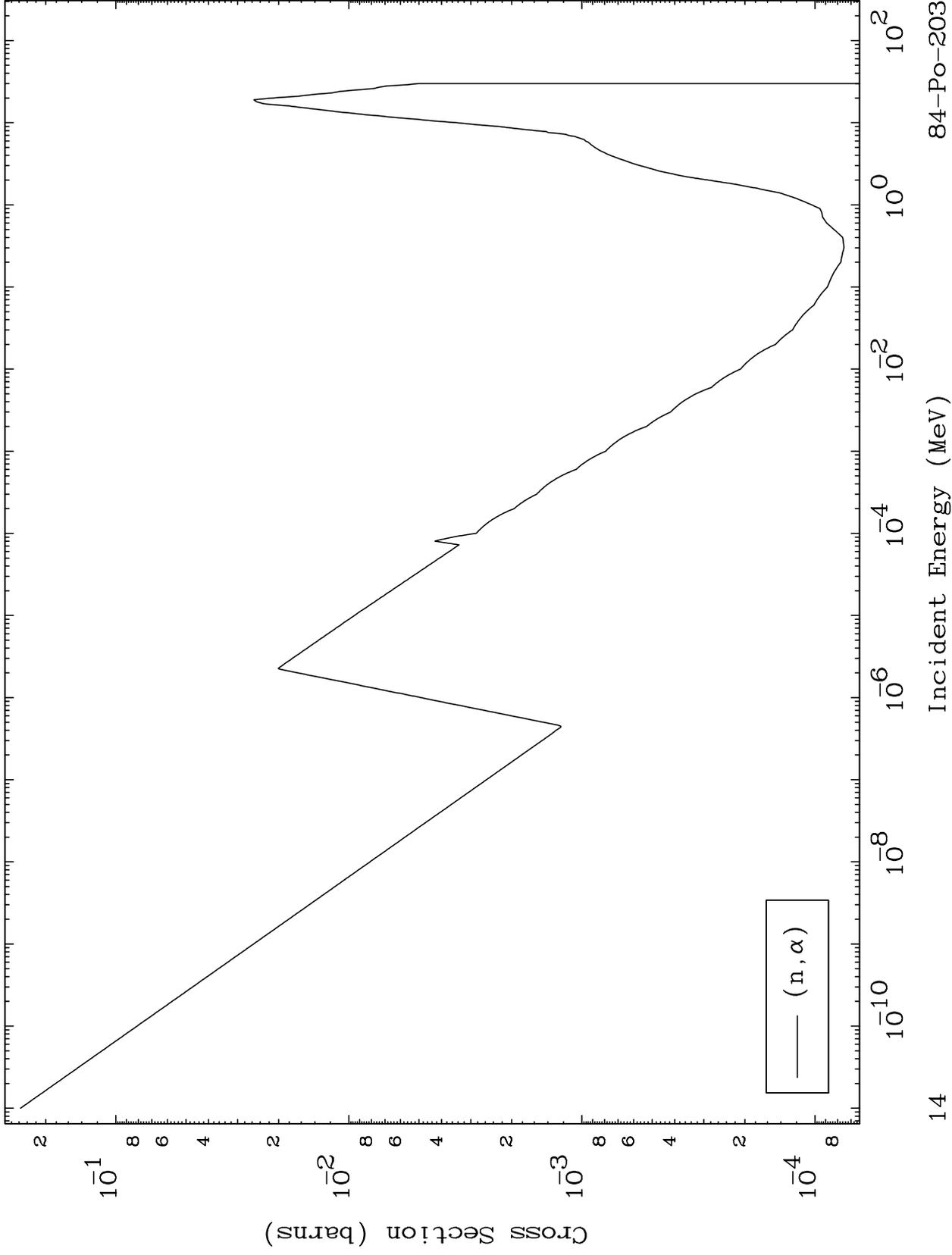
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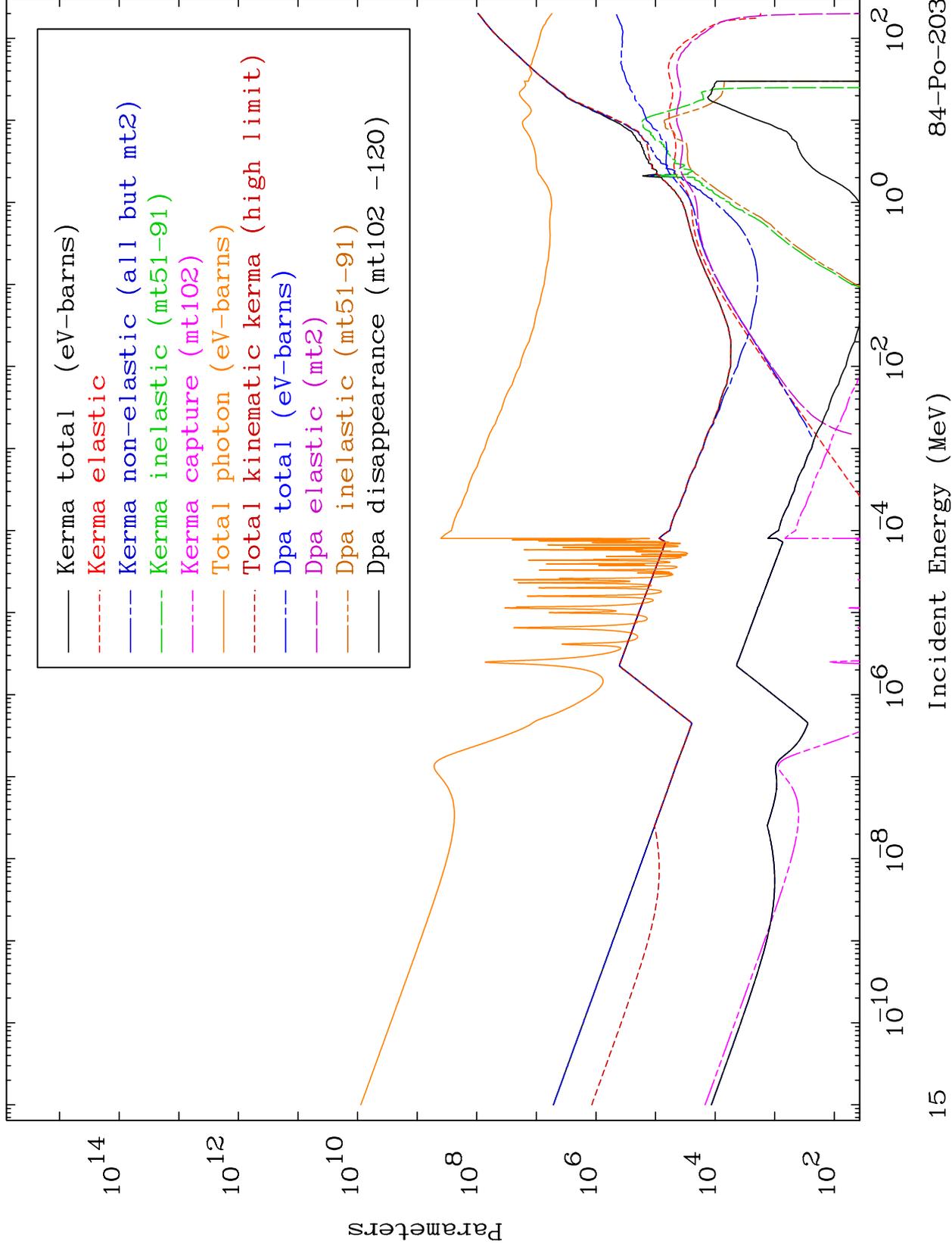


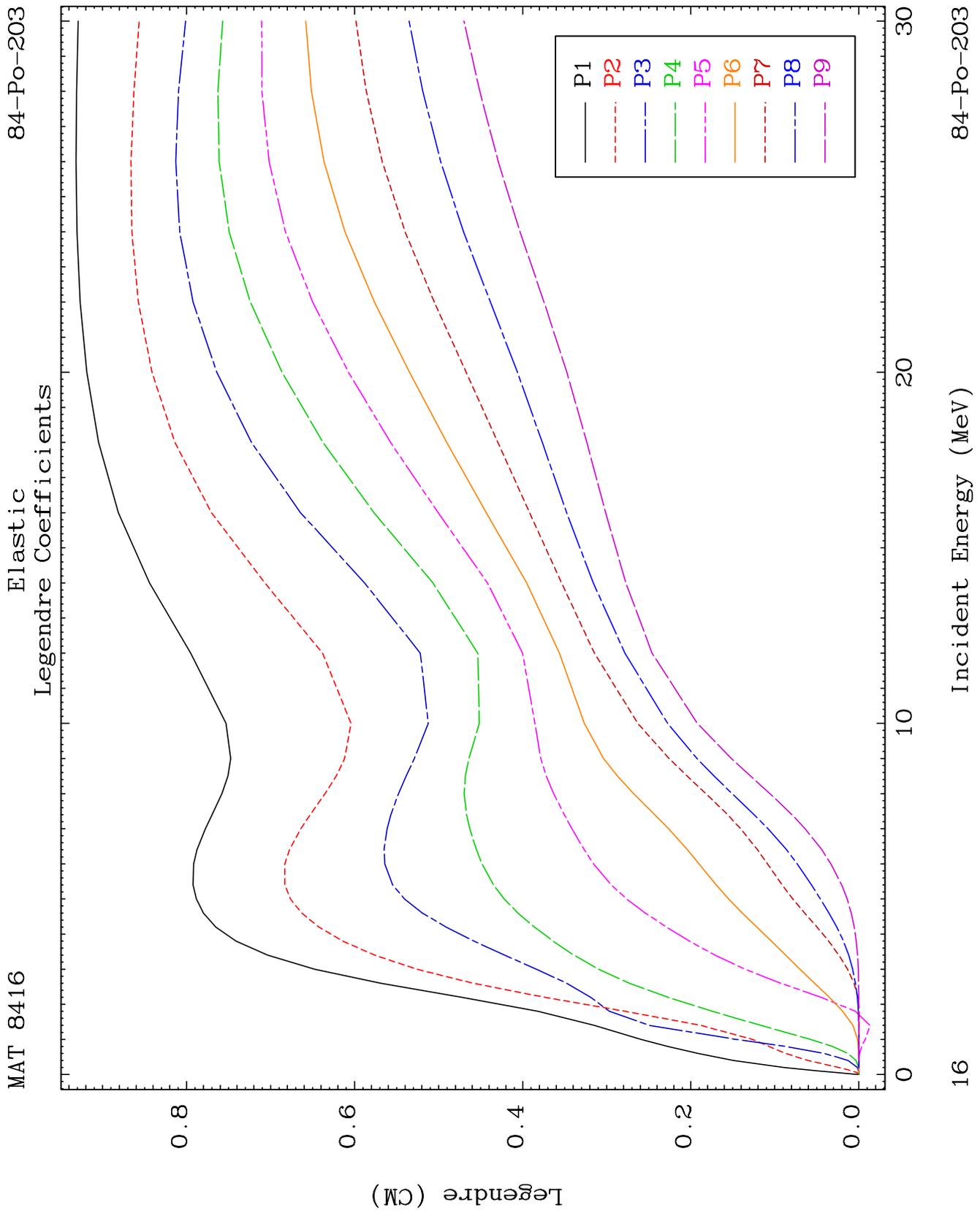
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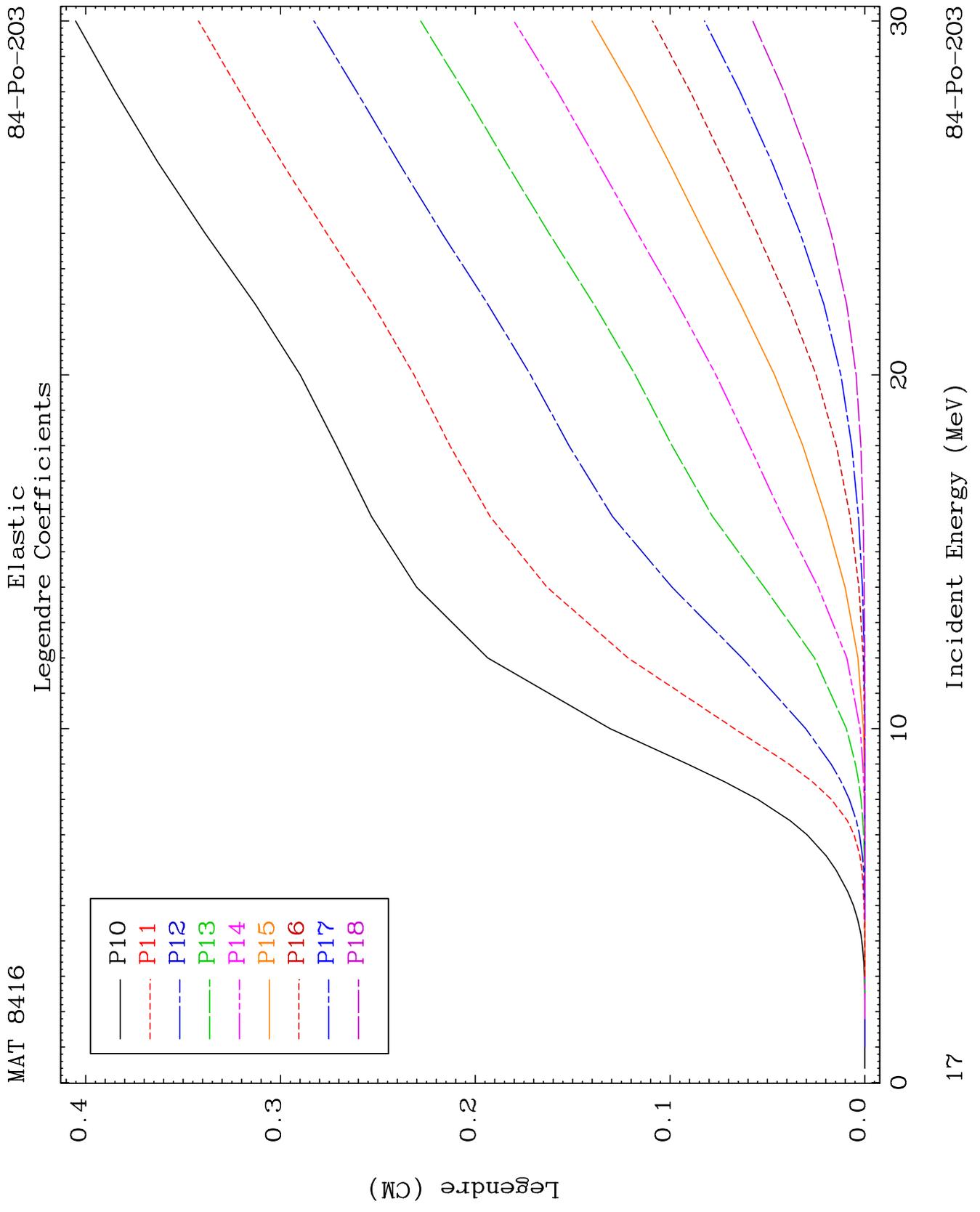
(n,α) Levels
293 Kelvin Cross Sections

84-Po-203





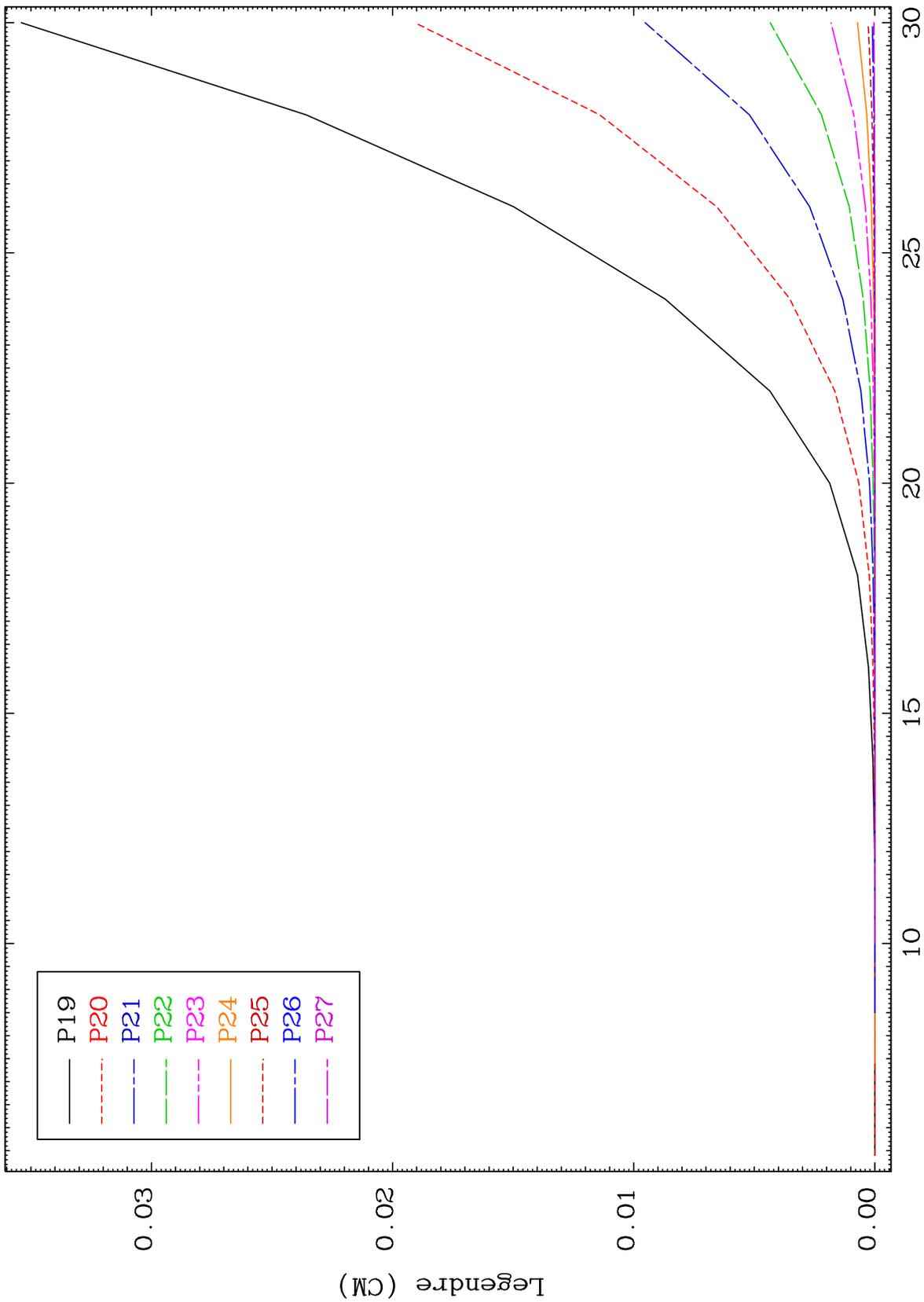




MAT 8416

Elastic
Legendre Coefficients

84-Po-203



18

Incident Energy (MeV)

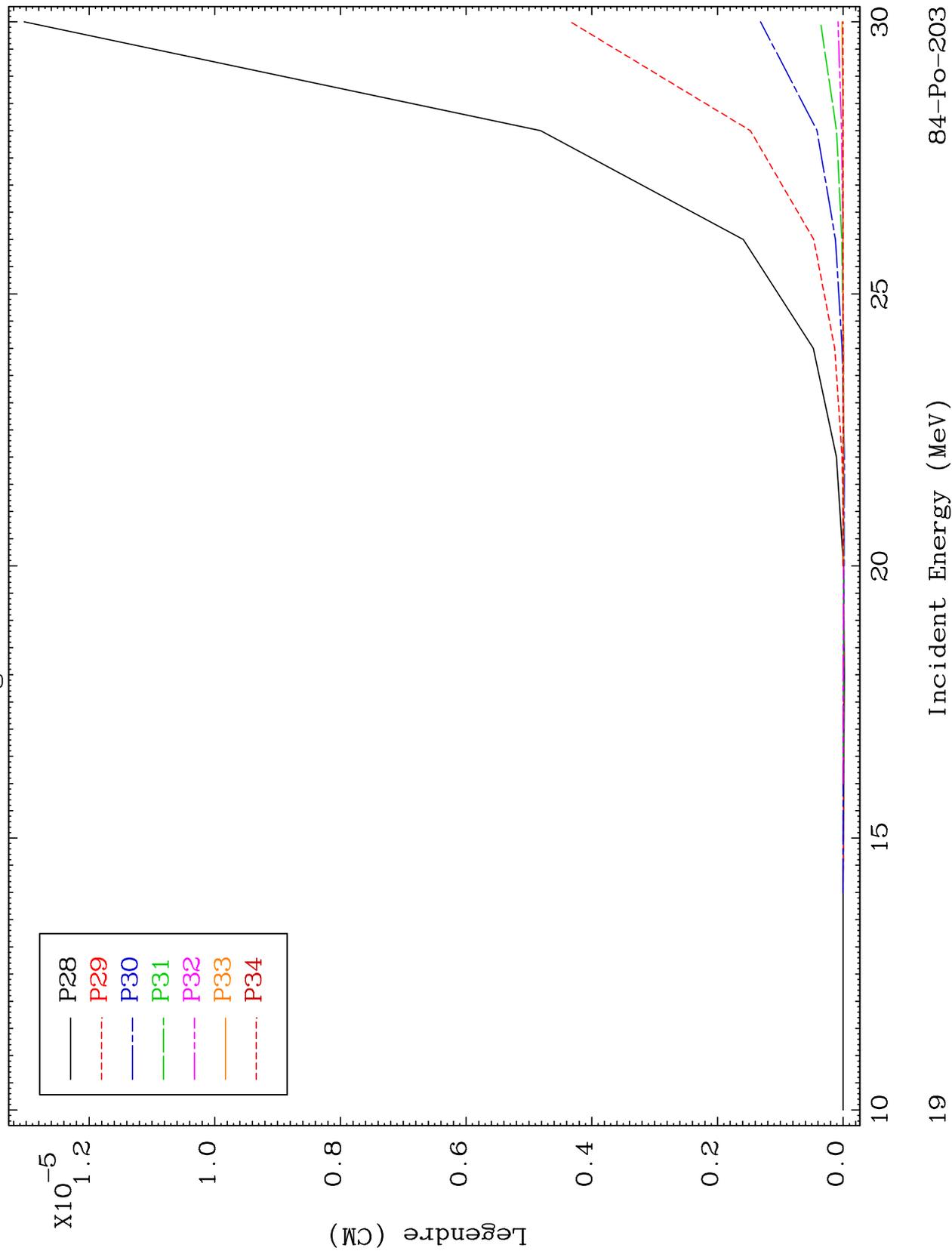
84-Po-203

Legendre (CM)

MAT 8416

Elastic Legendre Coefficients

84-Po-203



19

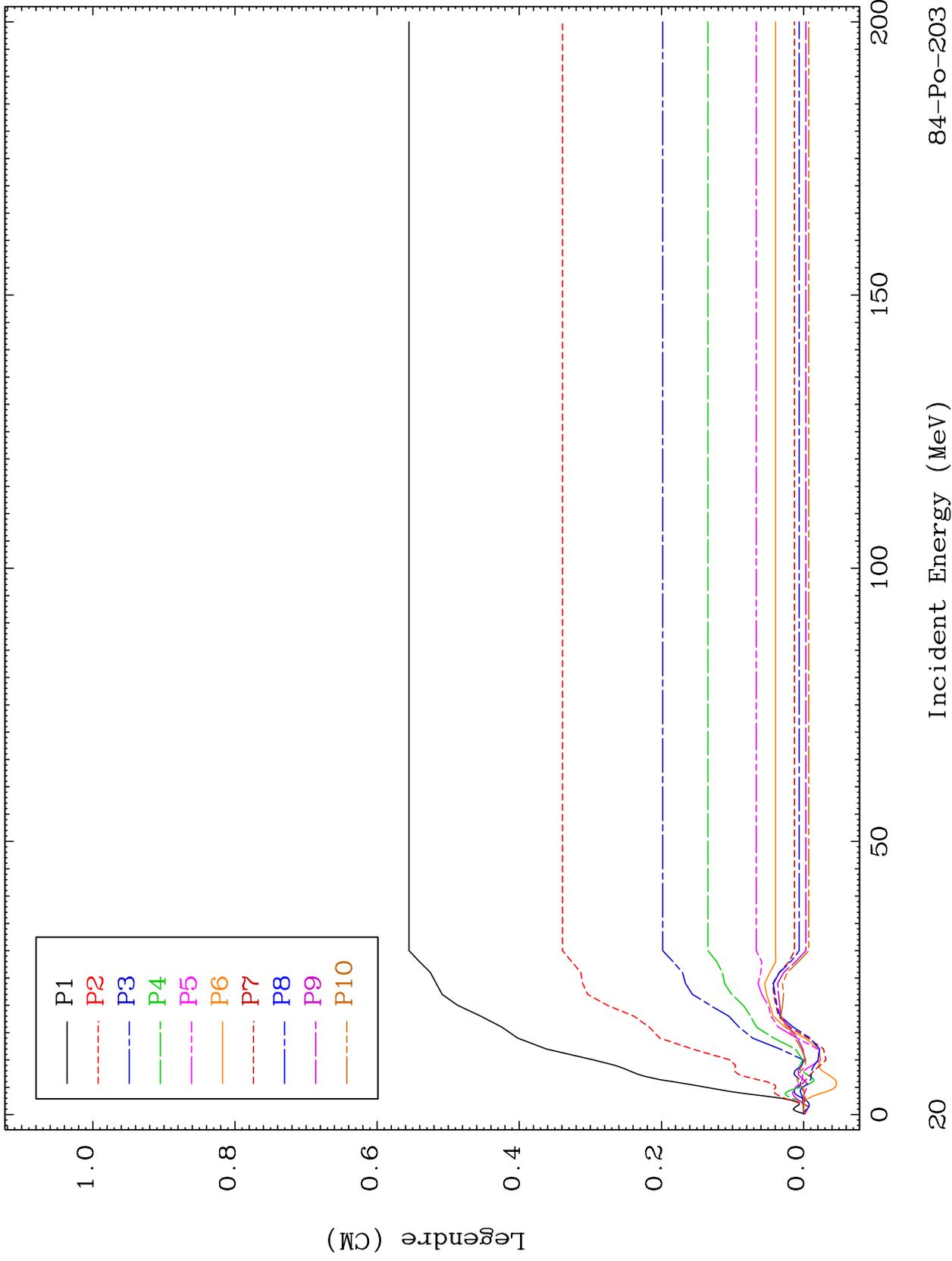
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

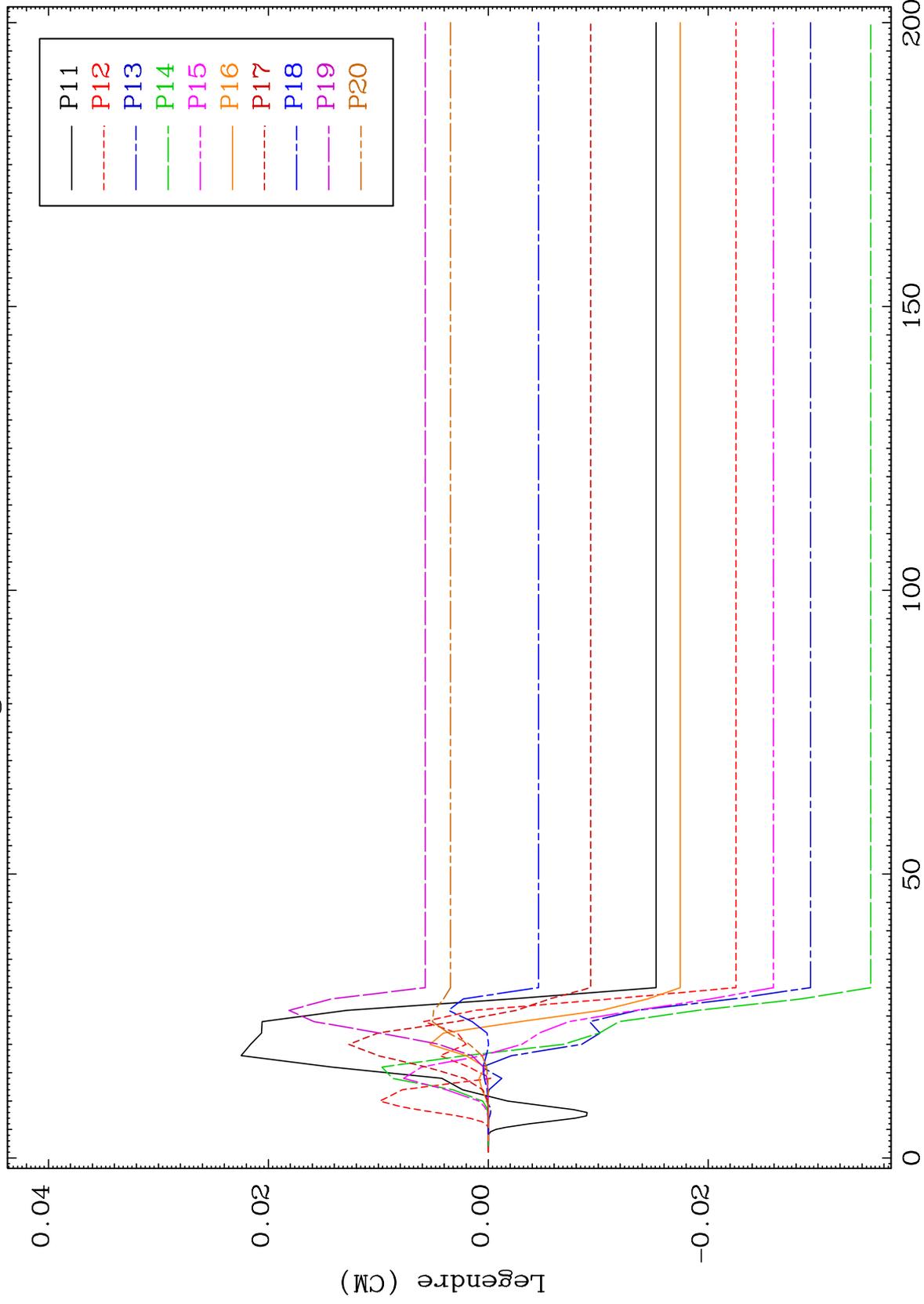
Incident Energy (MeV)

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MAT 8416

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

84-Po-203



21

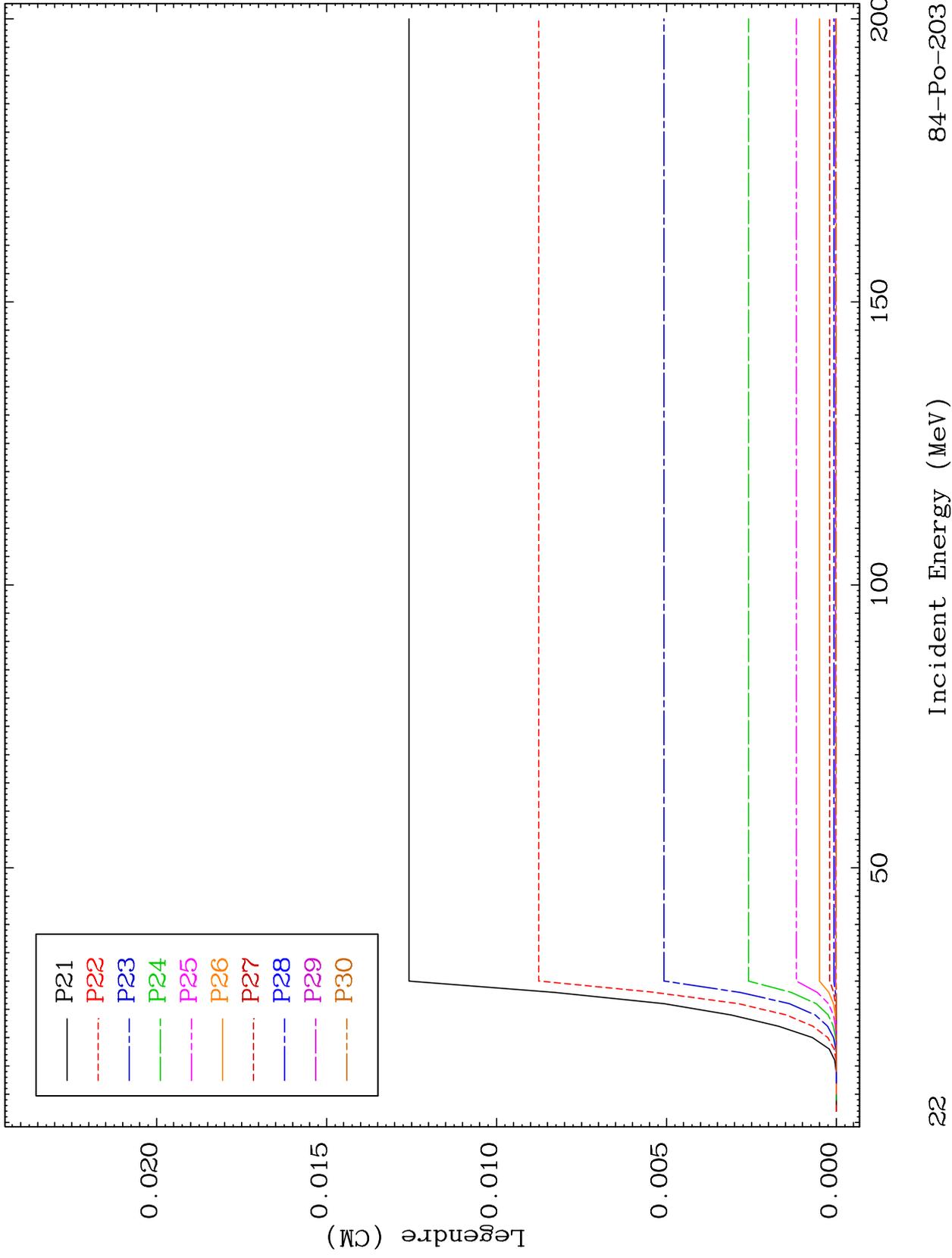
Incident Energy (MeV)

84-Po-203

MAT 8416

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

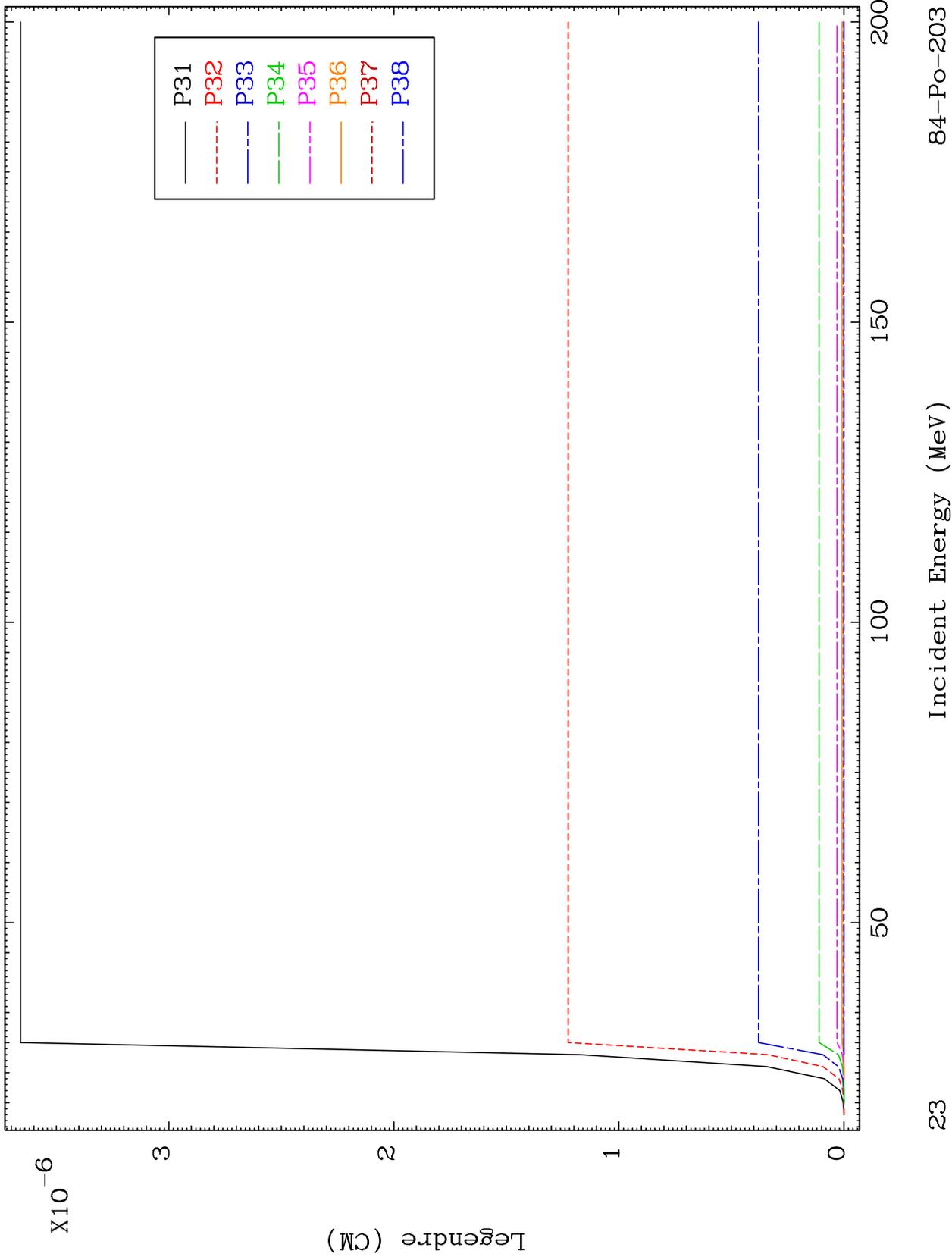
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MAT 8416

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

84-Po-203



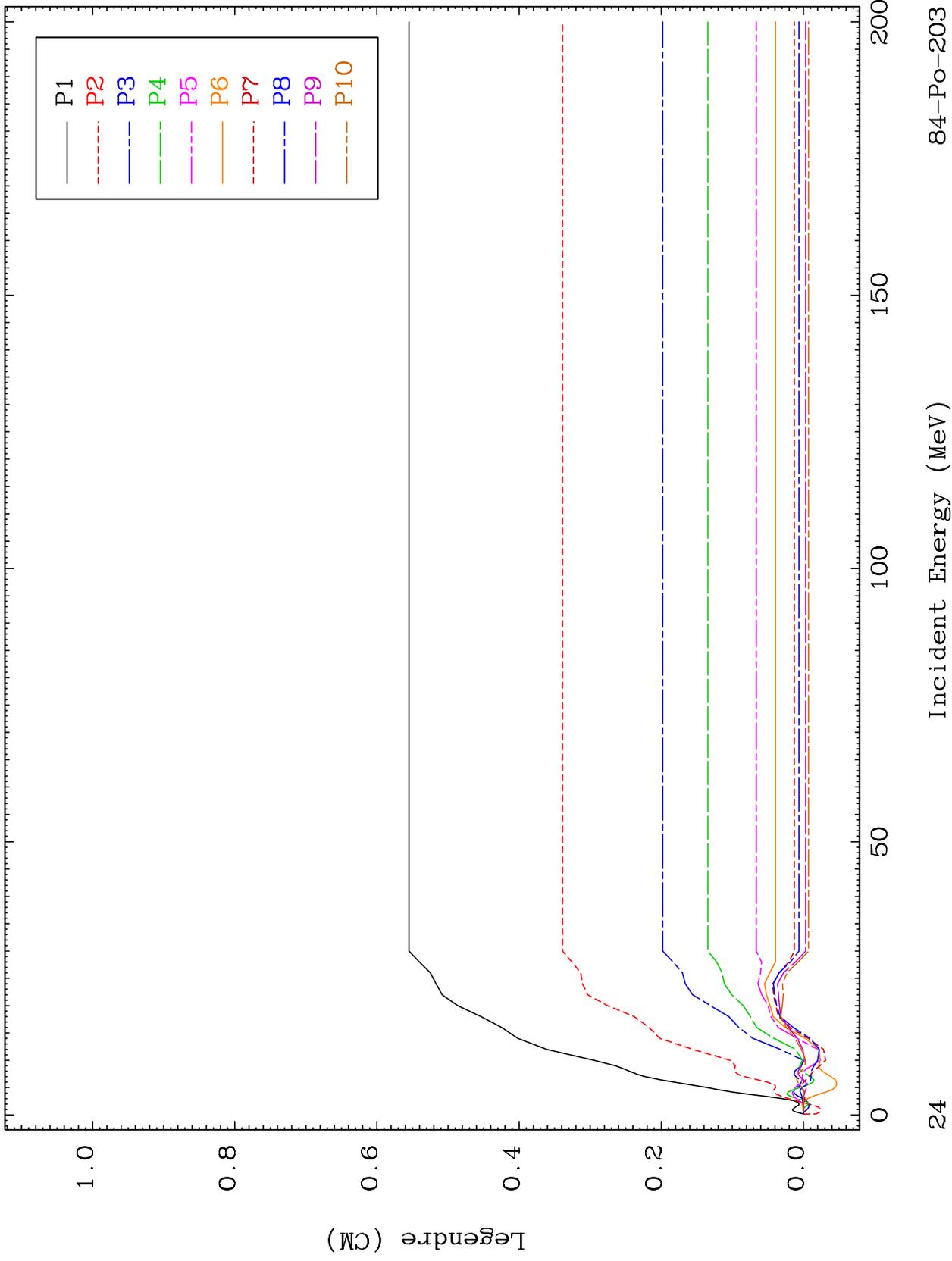
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84-Po-203

MAT 8416

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

84-Po-203



24

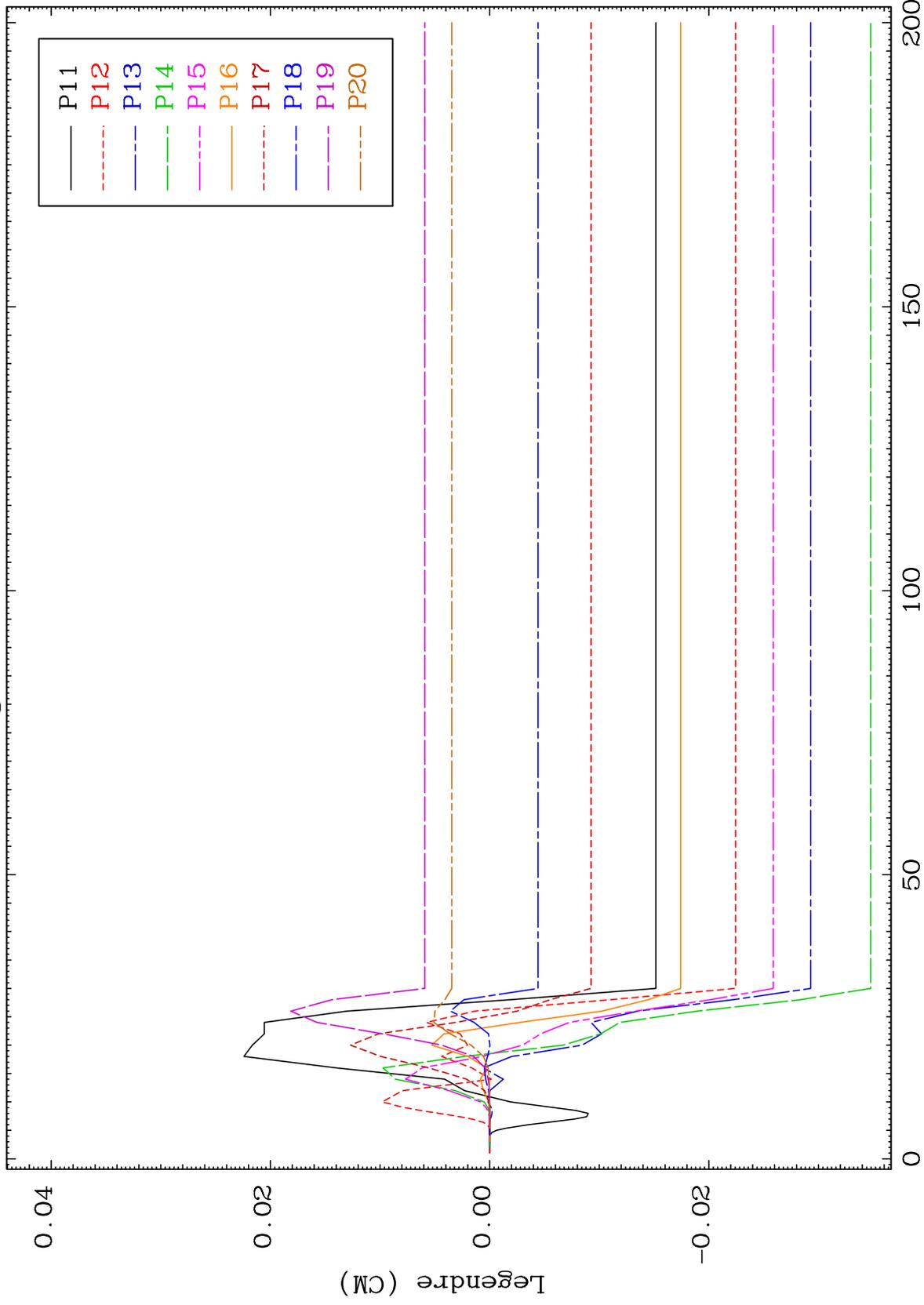
Incident Energy (MeV)

84-Po-203

MAT 8416

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

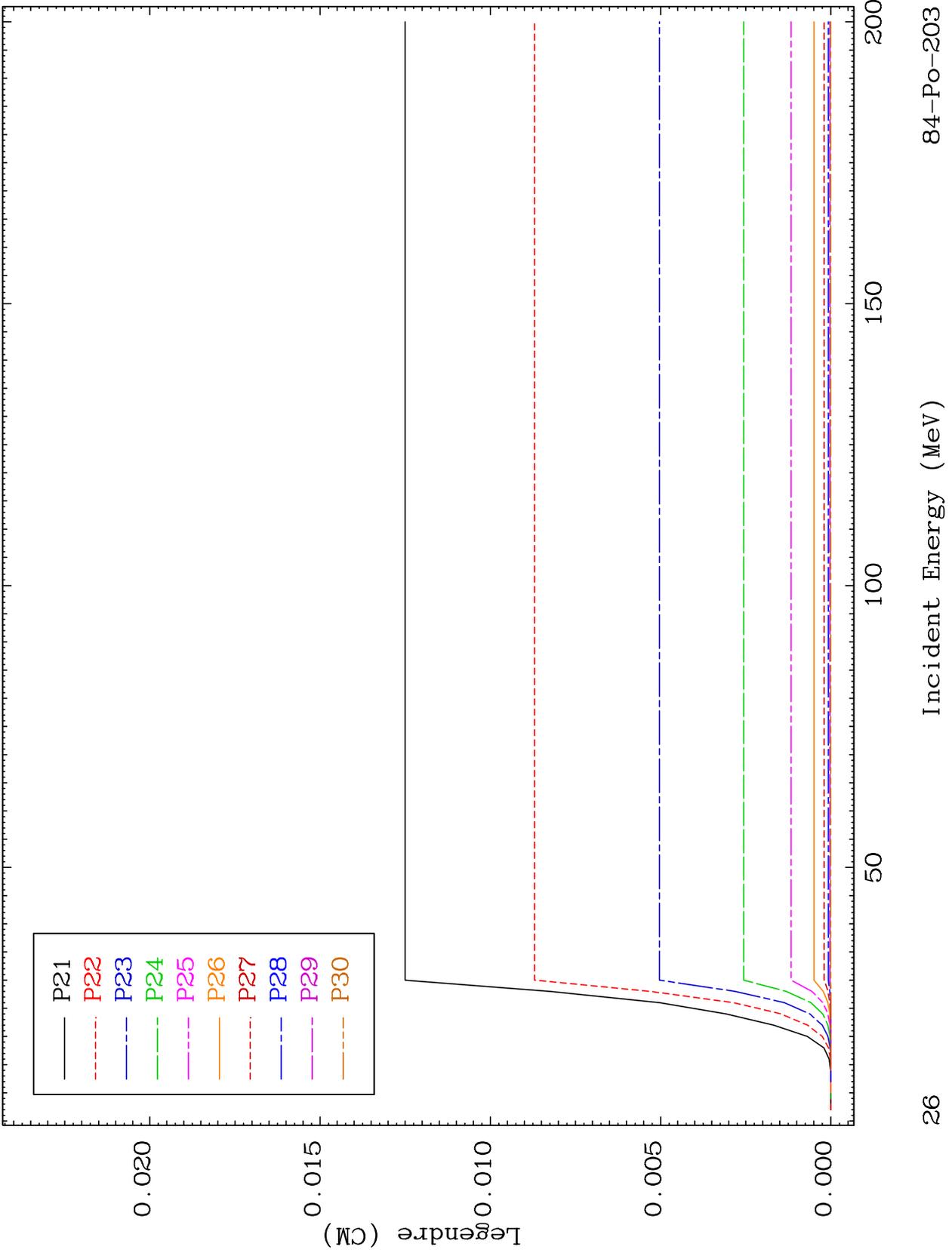
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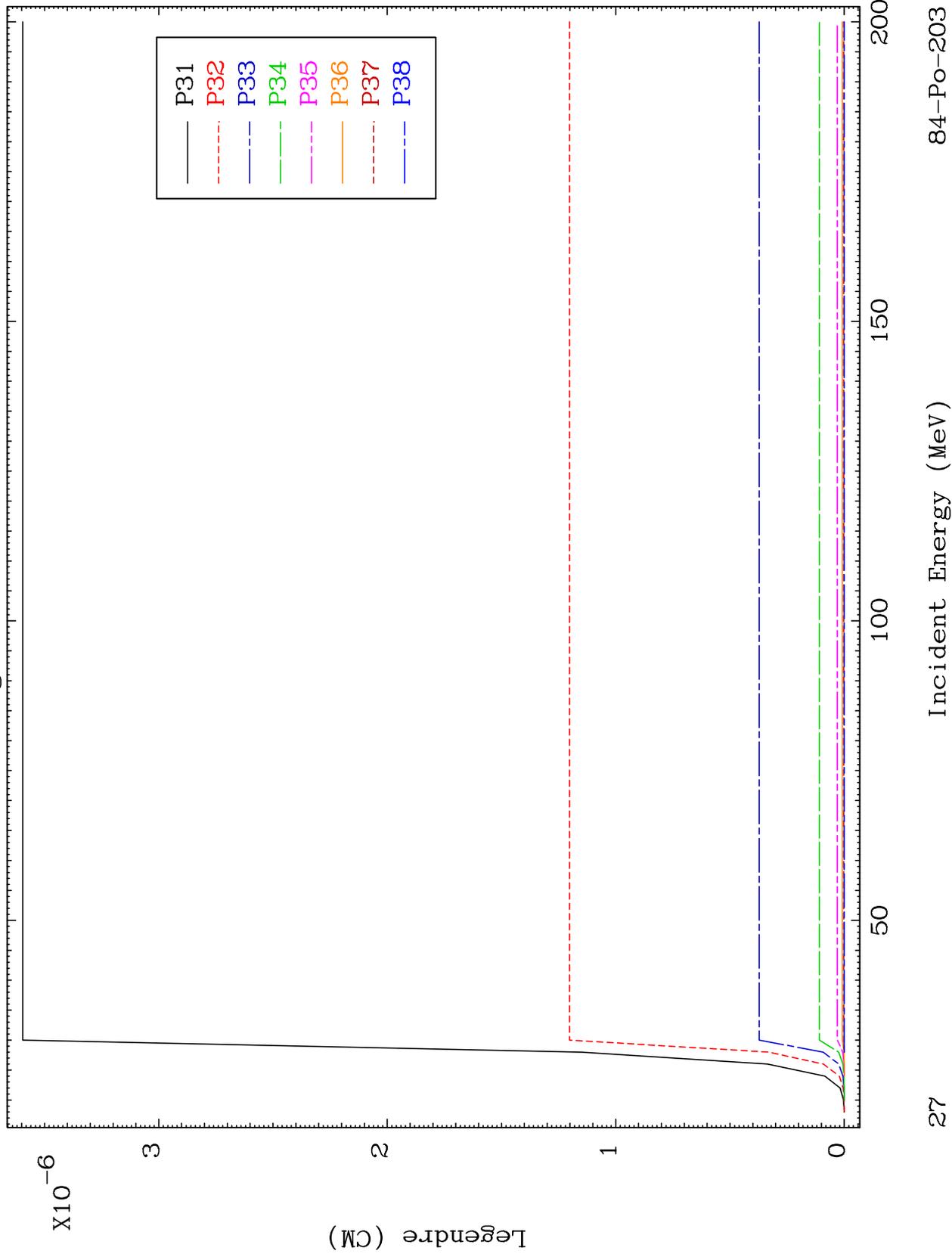
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MAT 8416

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

84-Po-203



27

Incident Energy (MeV)

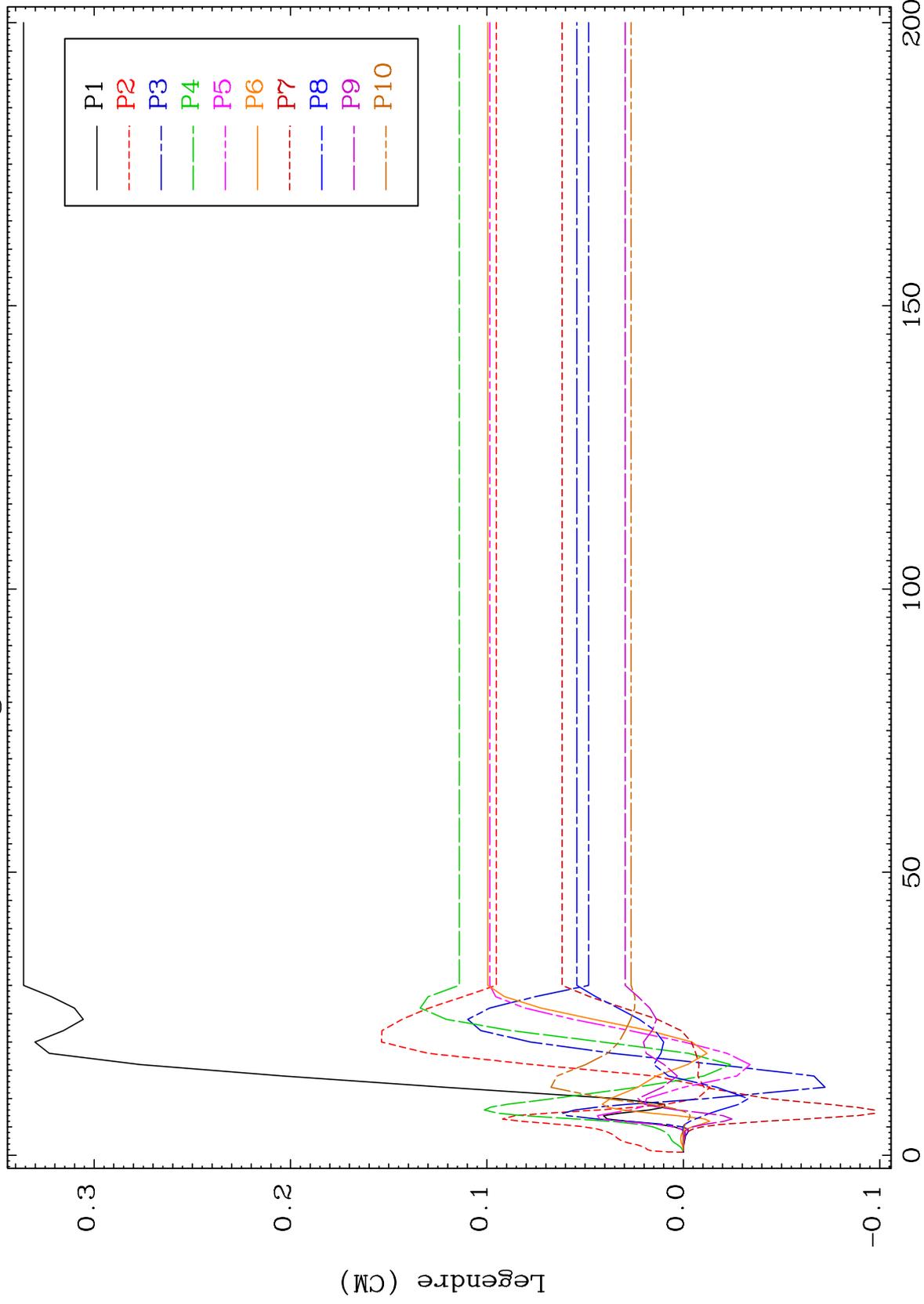
84-Po-203

MAT 8416

MT= 53 (n,n') Level

84-Po-203

Legendre Coefficients



28

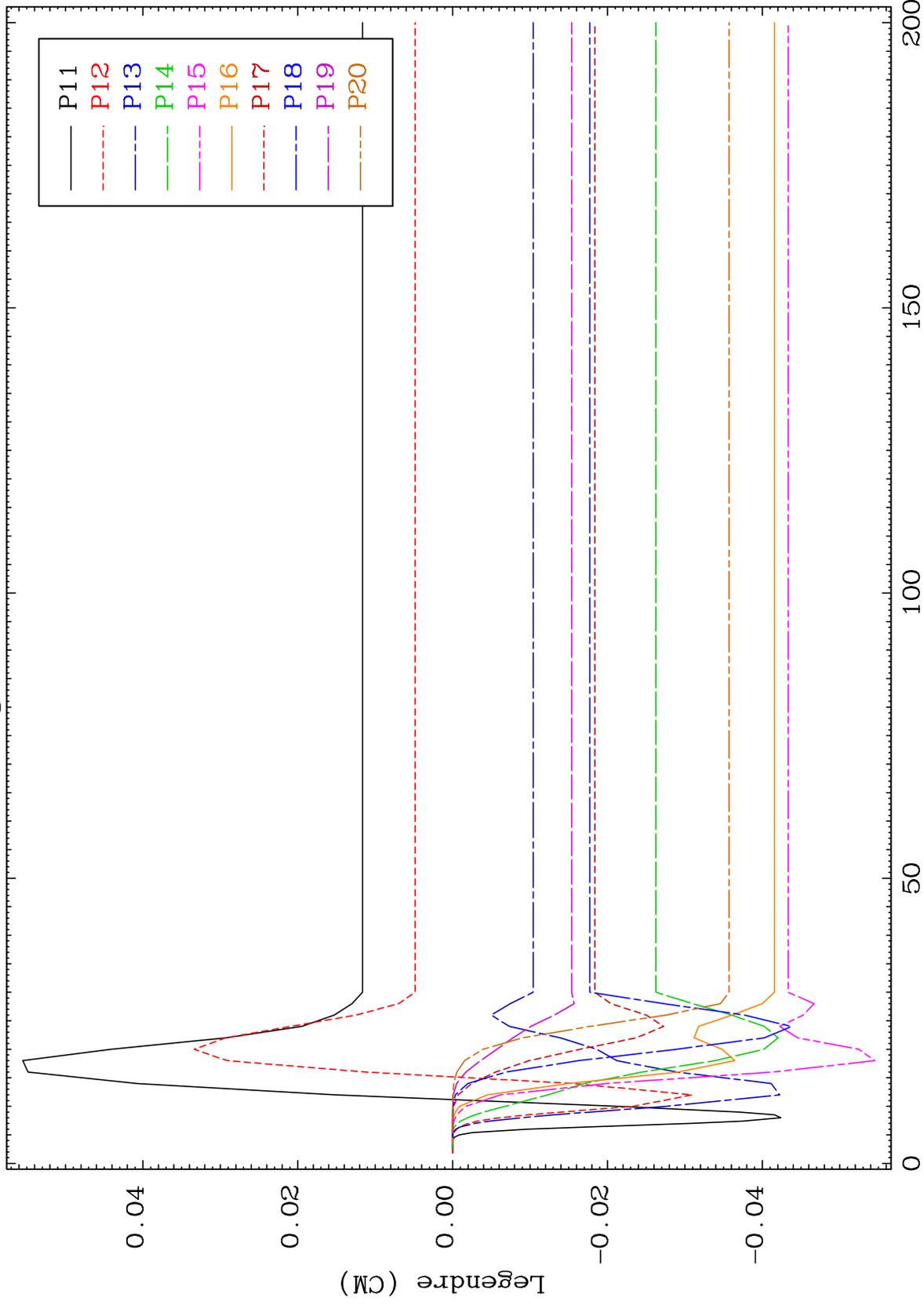
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



29

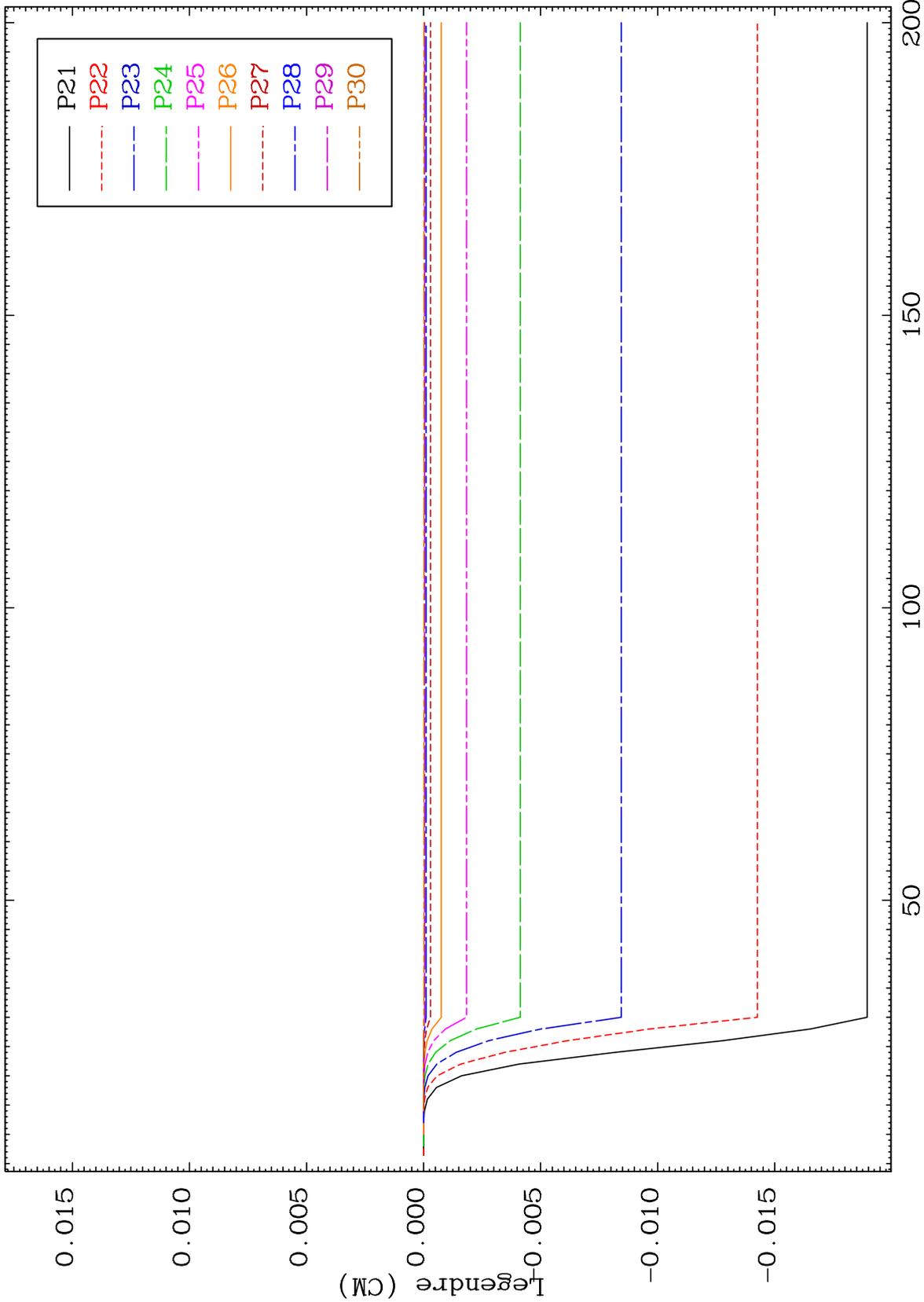
Incident Energy (MeV)

84-Po-203

MAT 8416

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

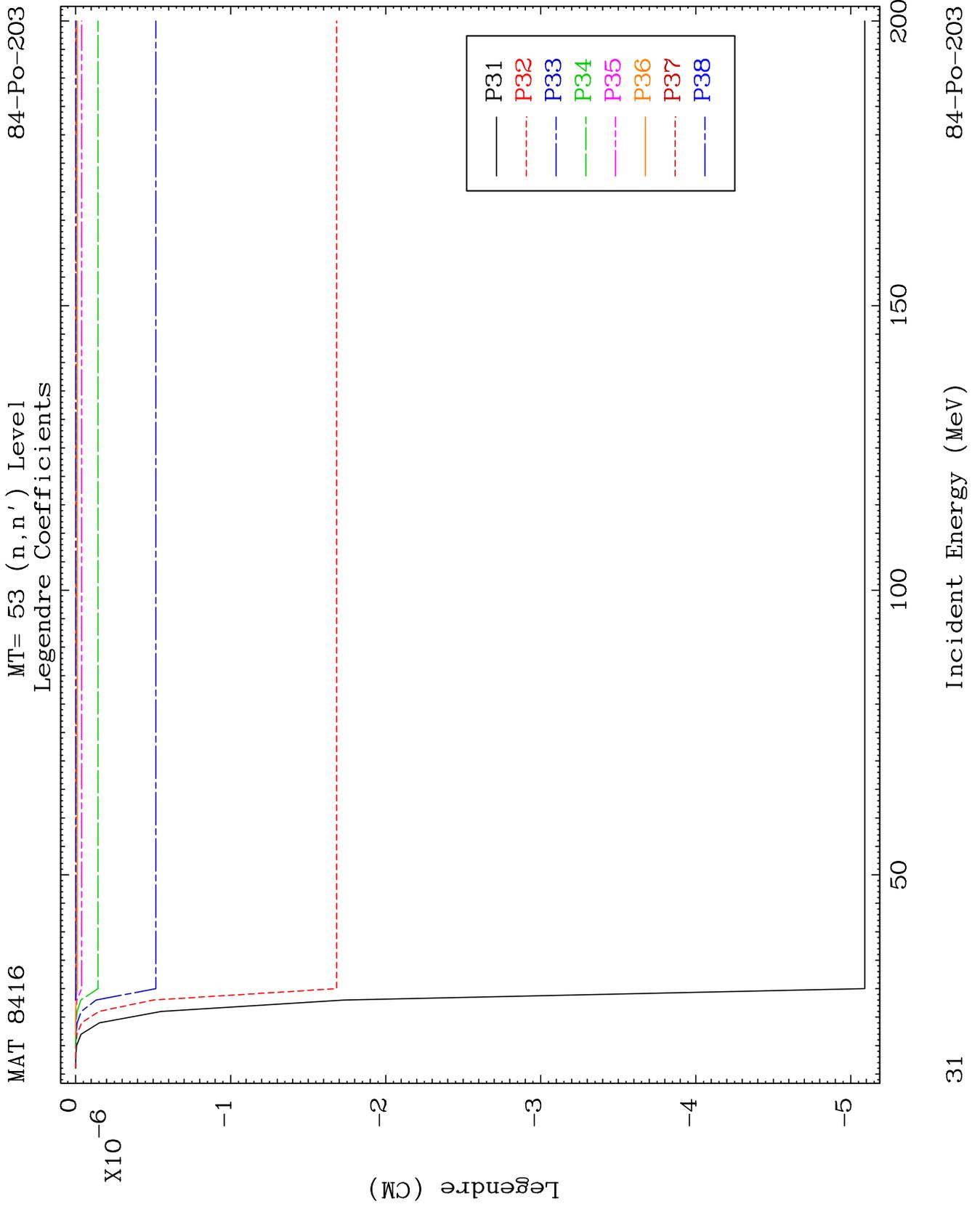
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30

Incident Energy (MeV)

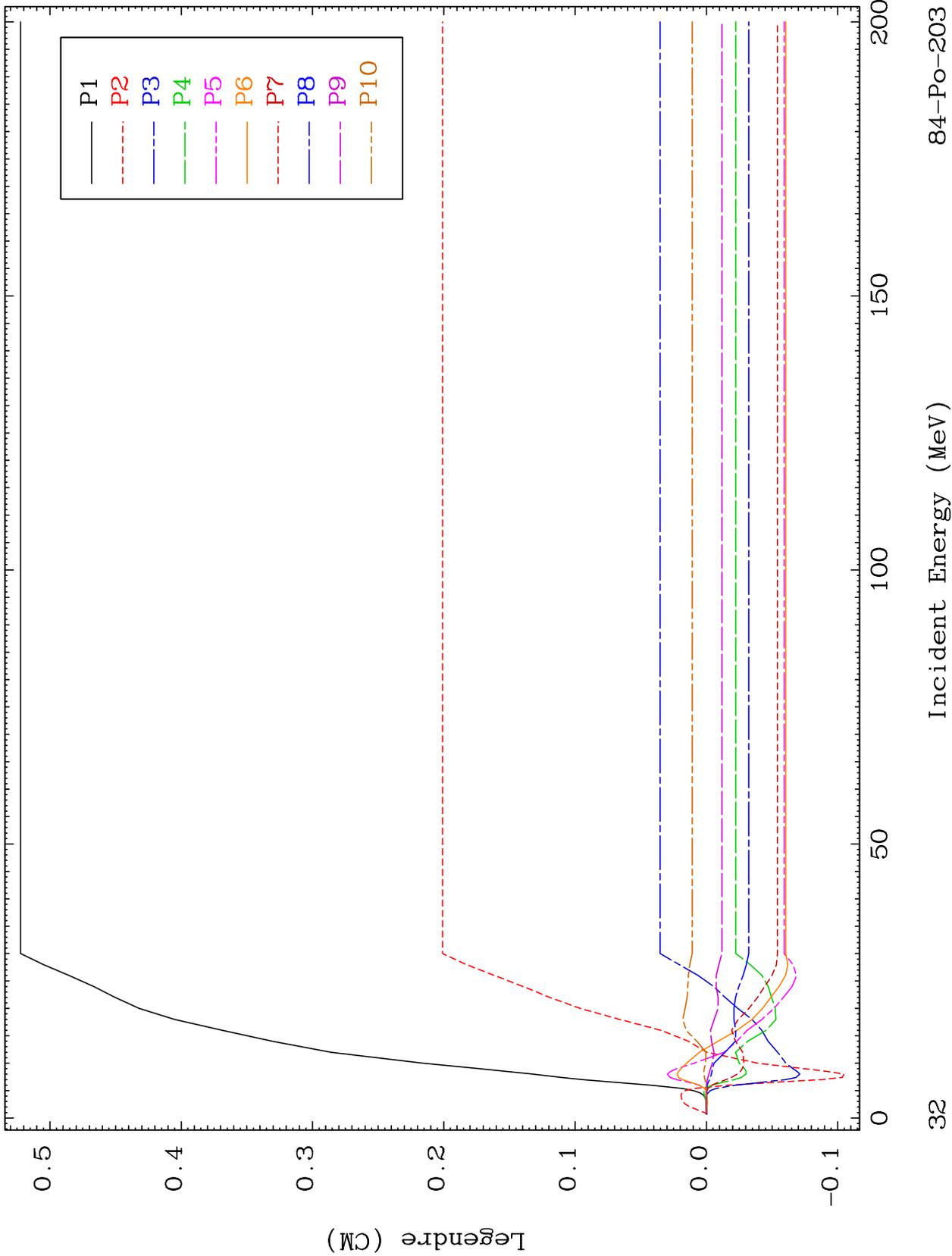
84-Po-203



MAT 8416

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

84-Po-203



84-Po-203

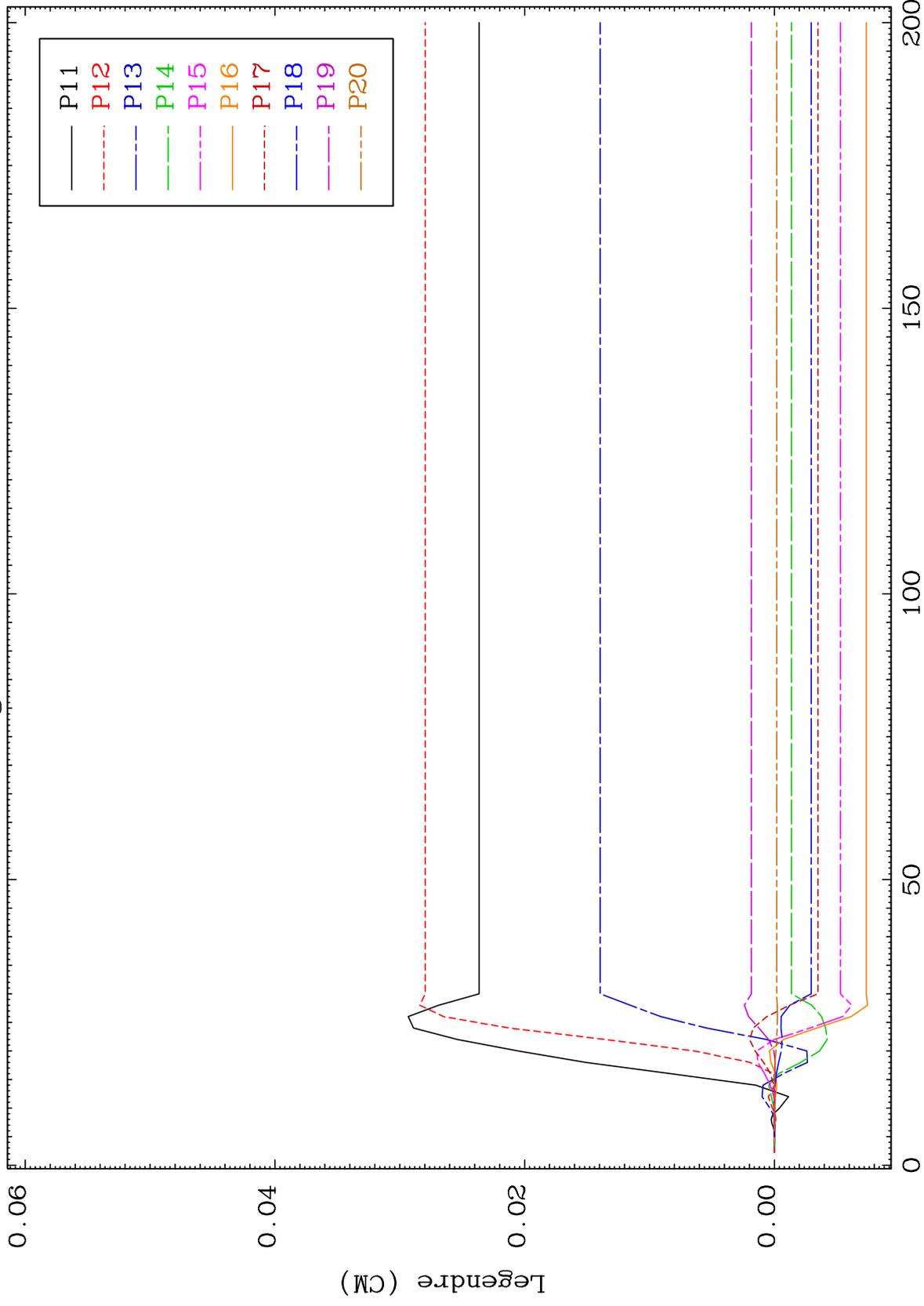
Incident Energy (MeV)

32

MAT 8416

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

84-Po-203



33

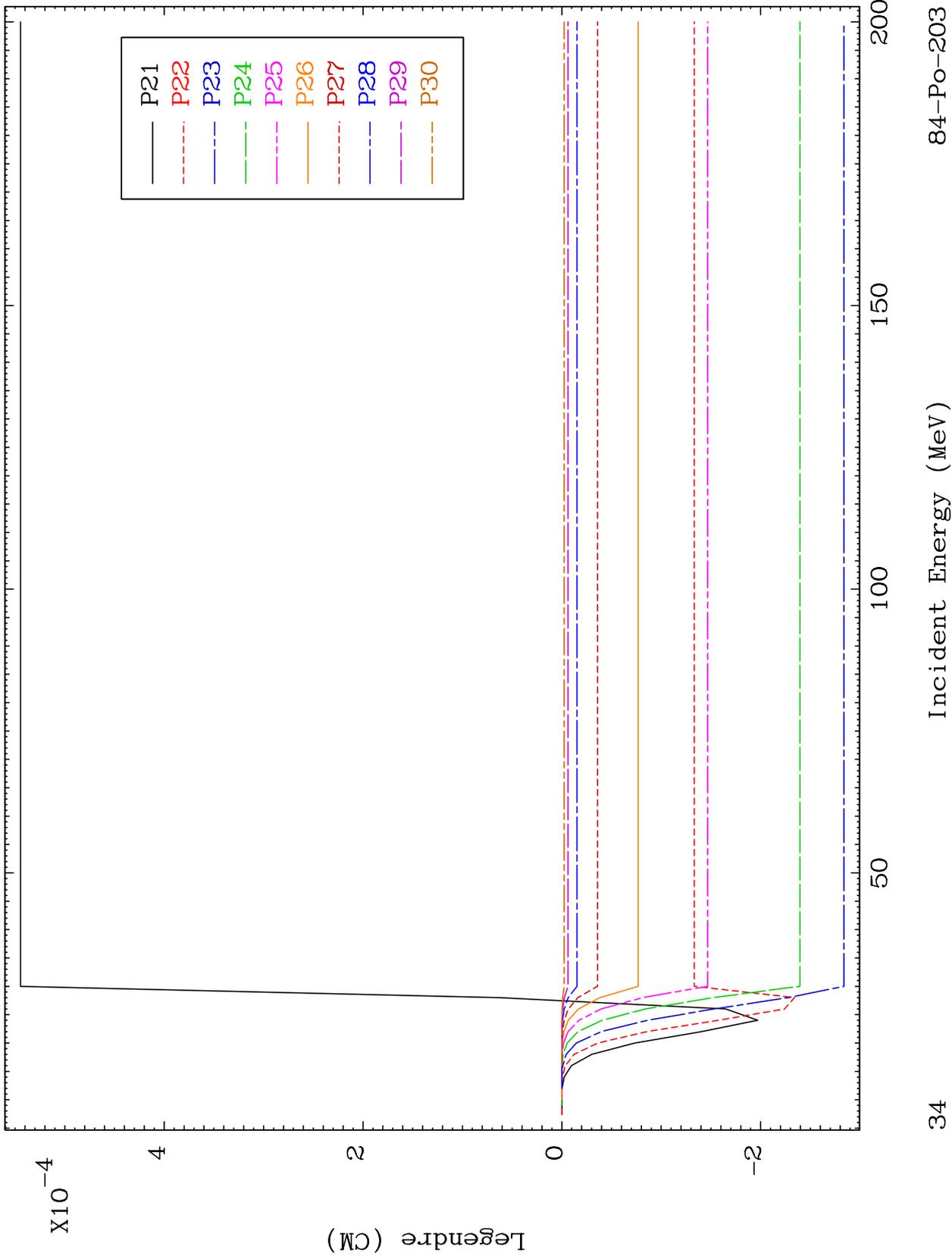
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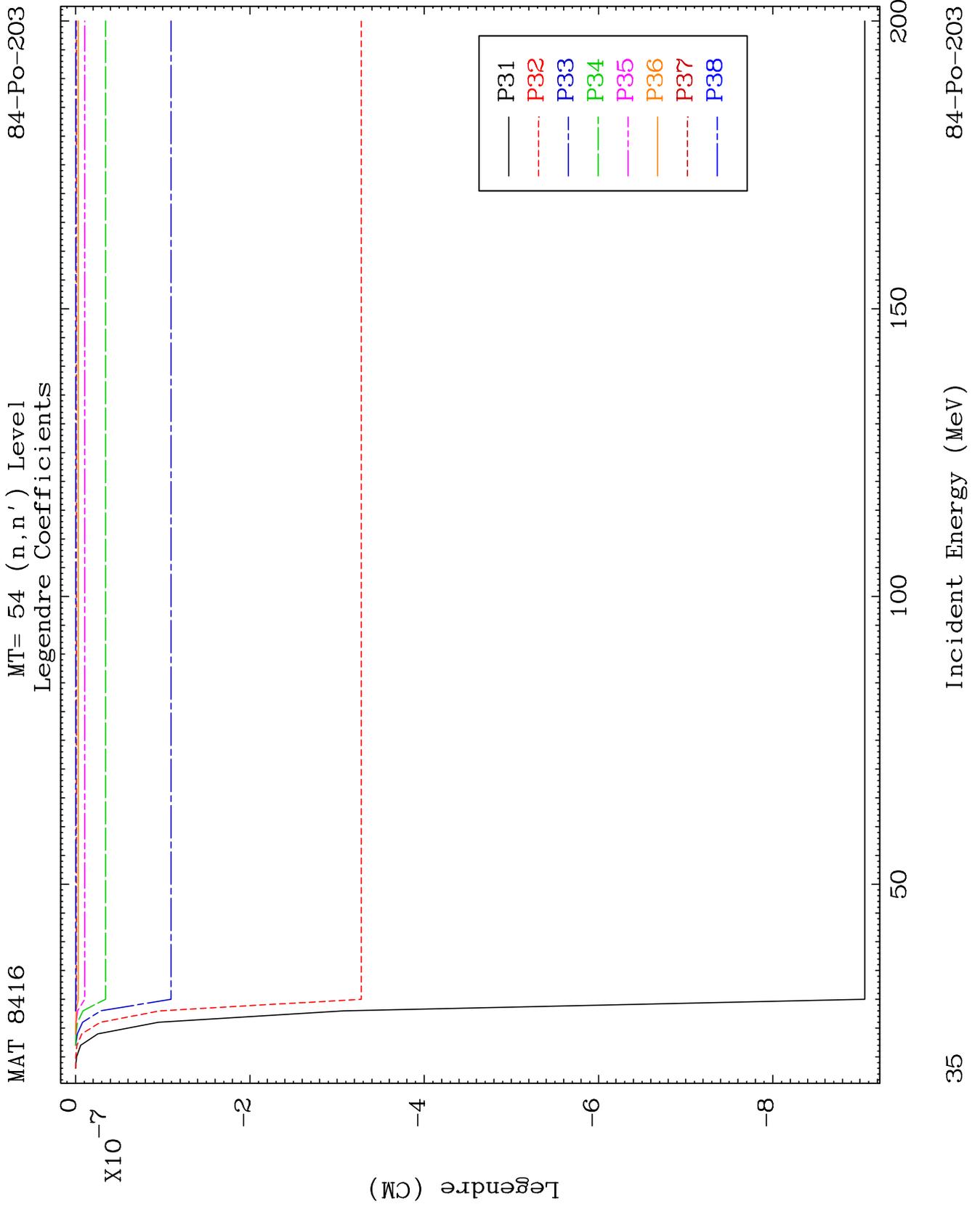
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MAT 8416

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

84-Po-203





84-Po-203

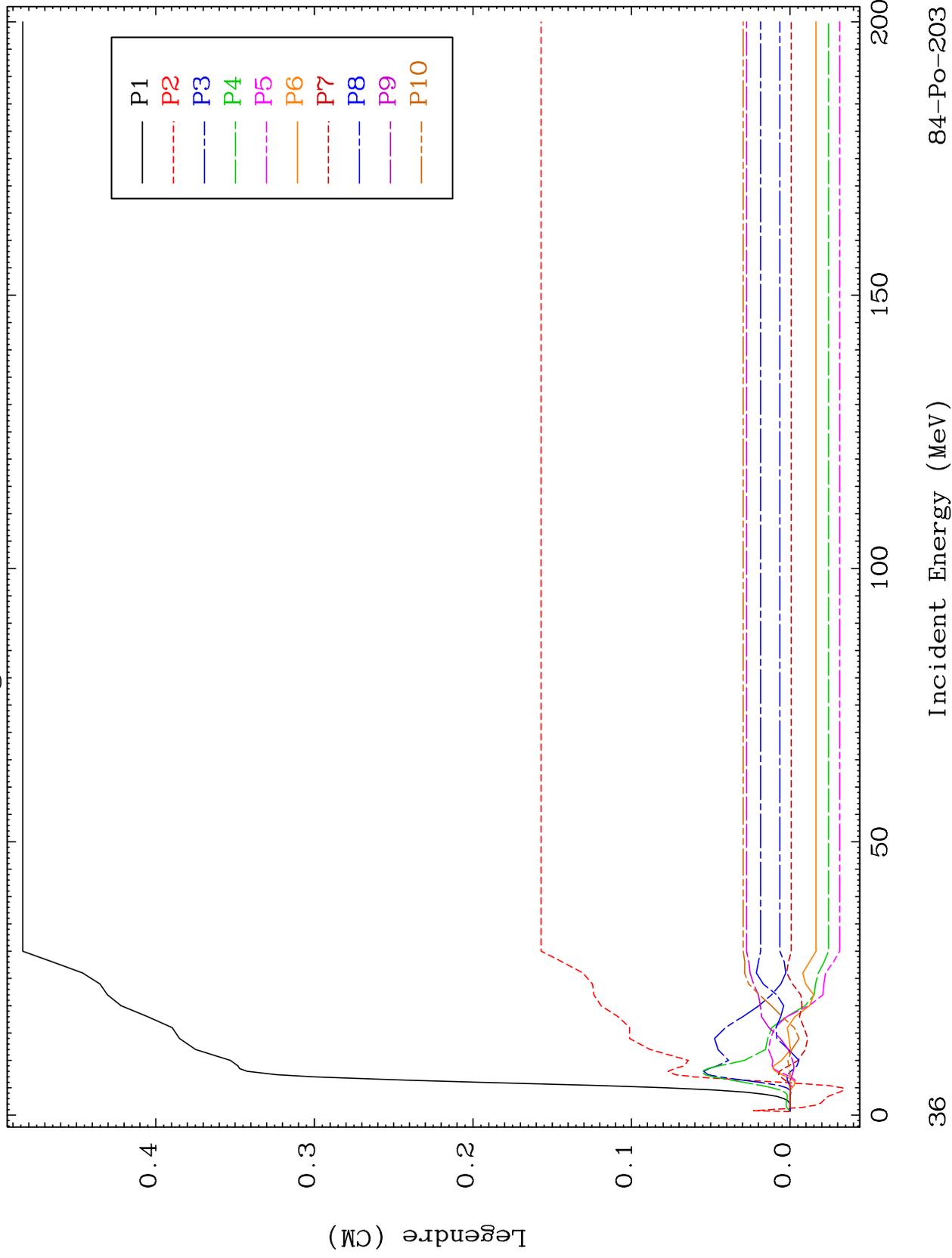
Incident Energy (MeV)

35

MAT 8416

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

84-Po-203



84-Po-203

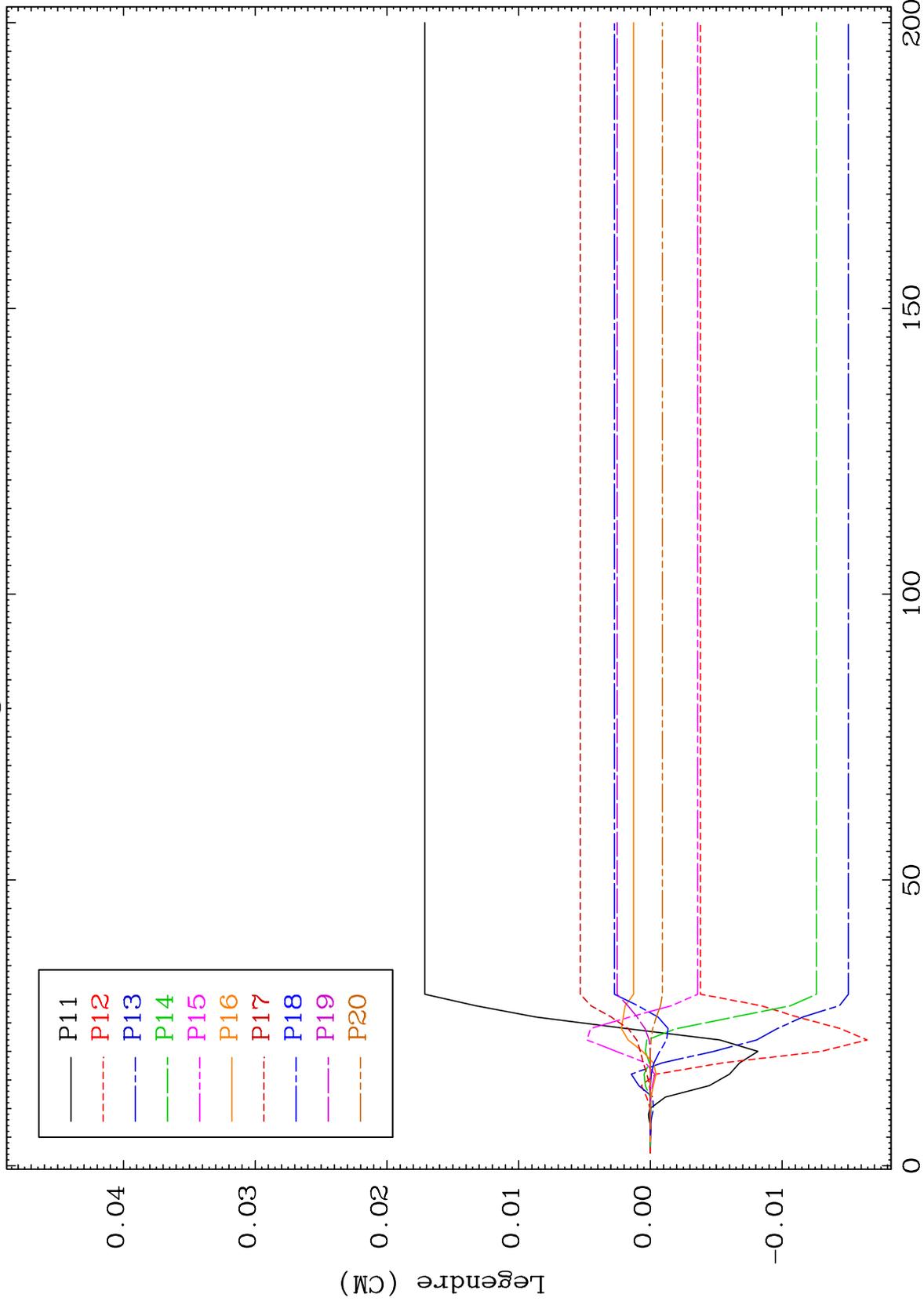
Incident Energy (MeV)

36

MAT 8416

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

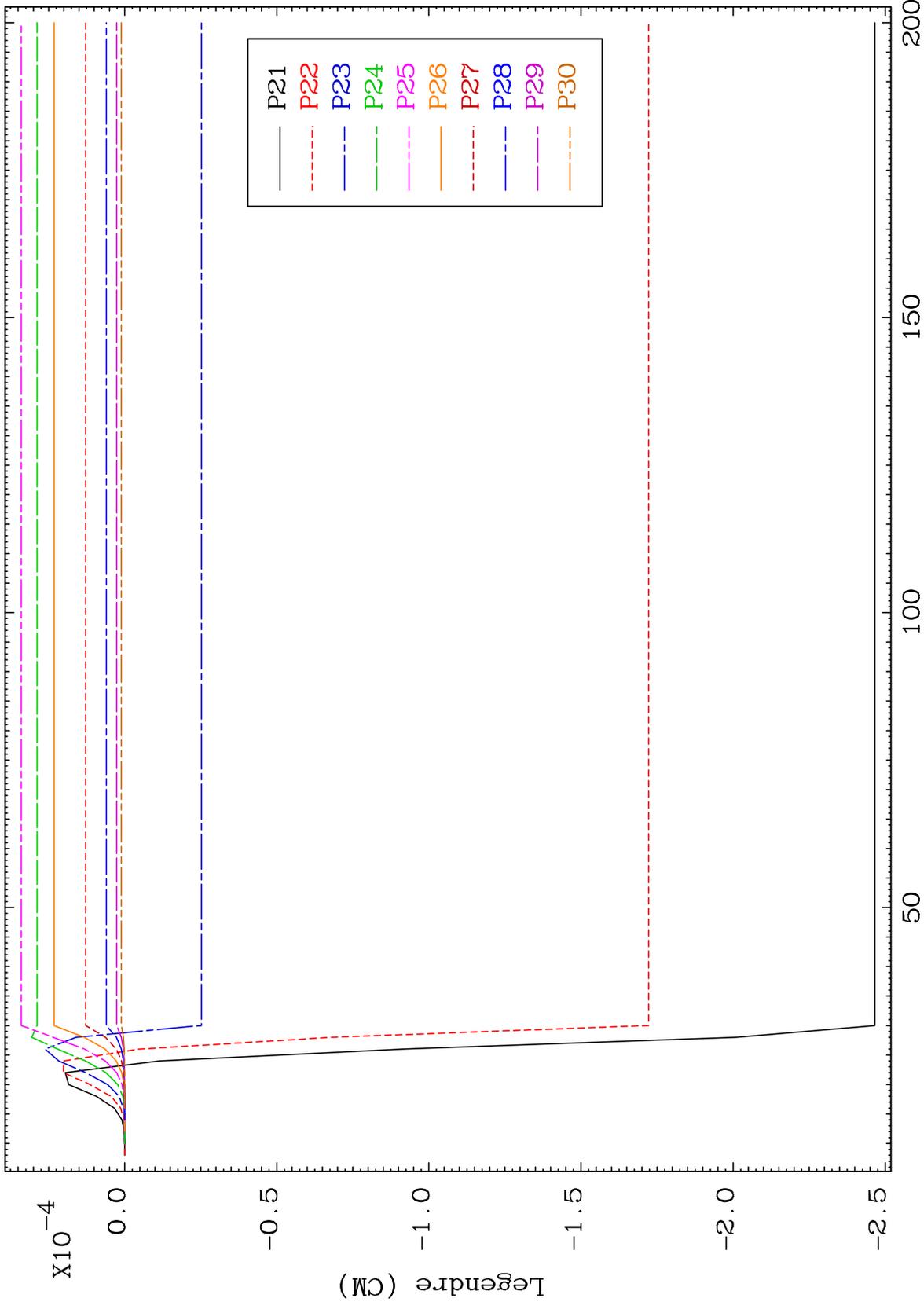
84-Po-203



37

Incident Energy (MeV)

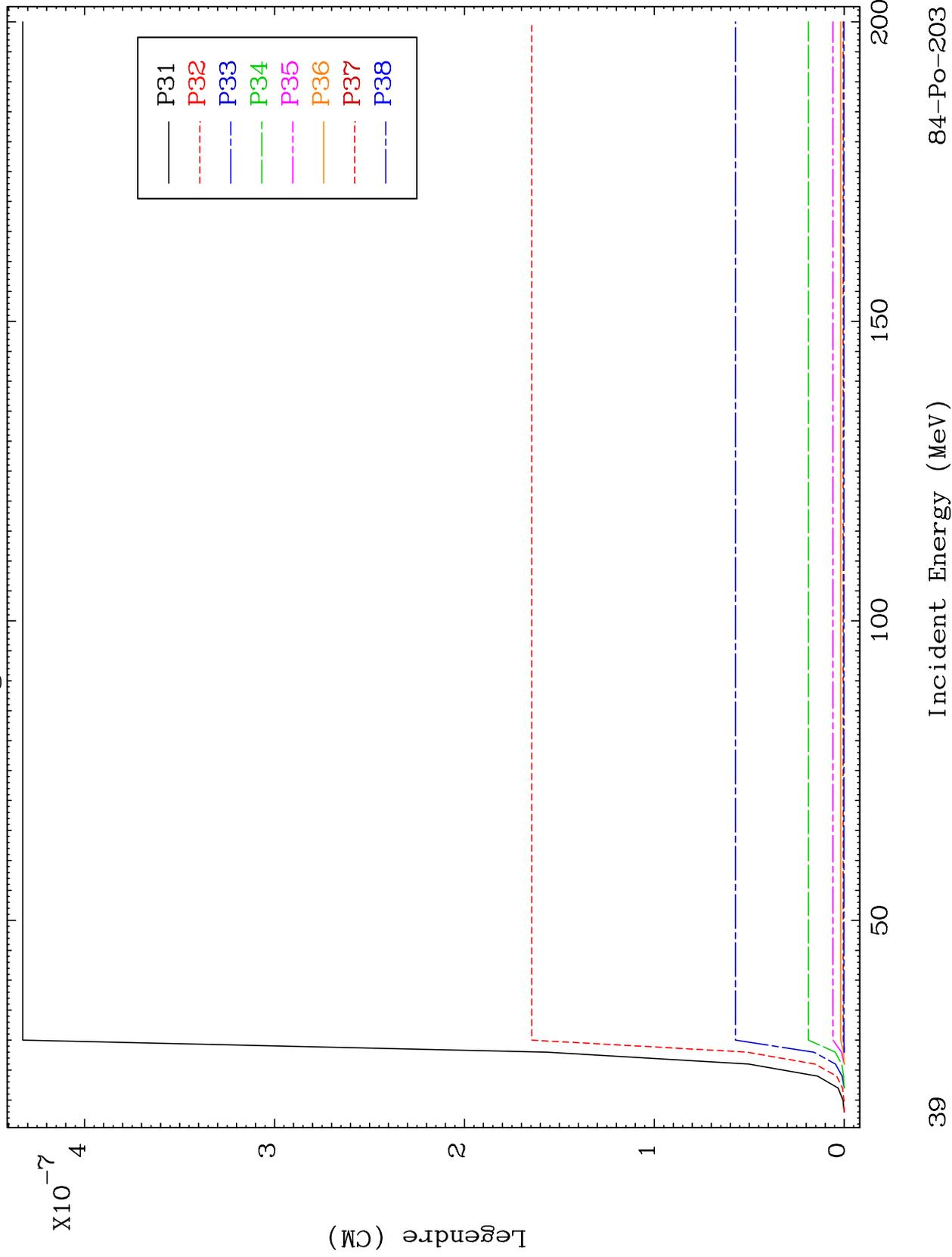
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MAT 8416

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

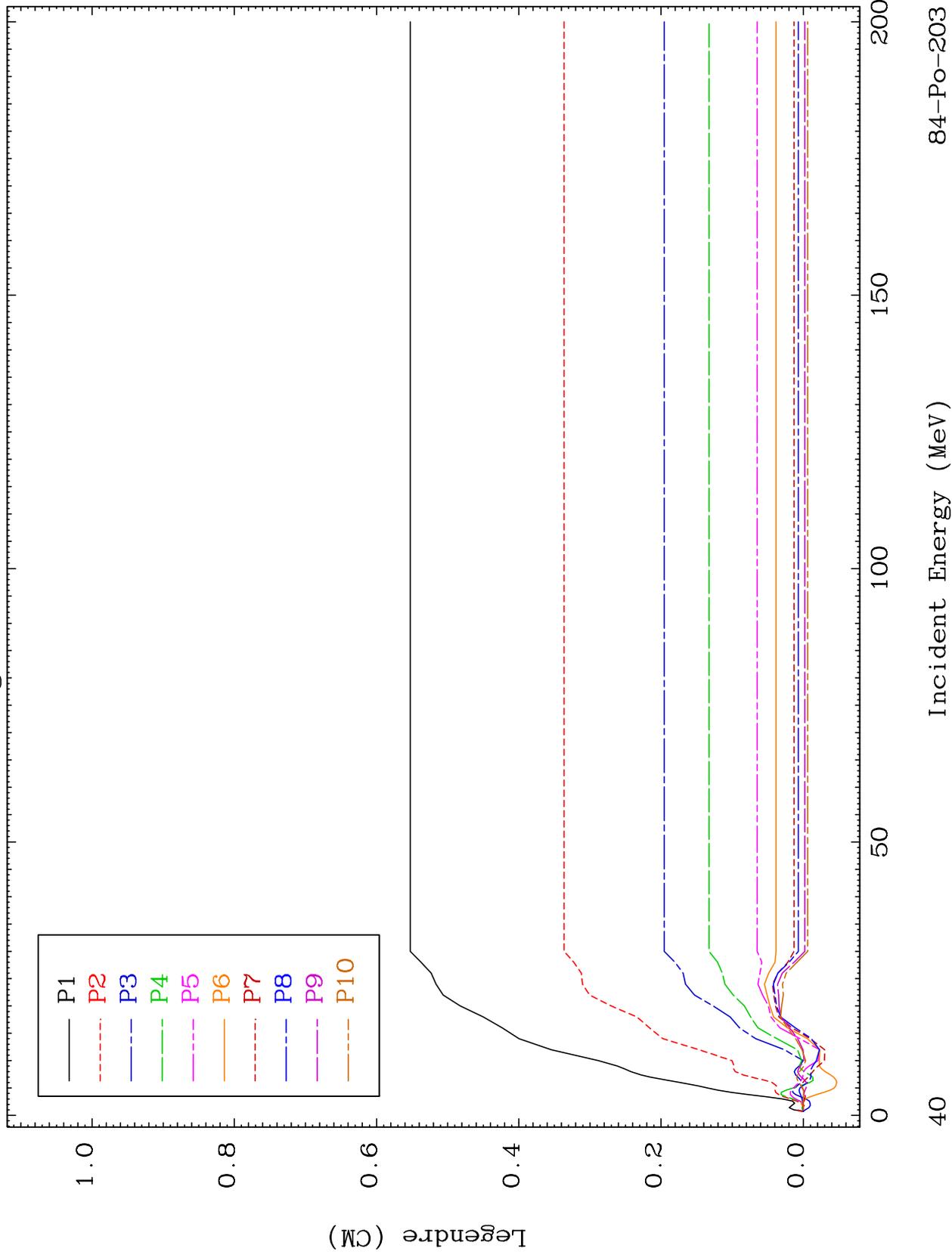
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MAT 8416

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

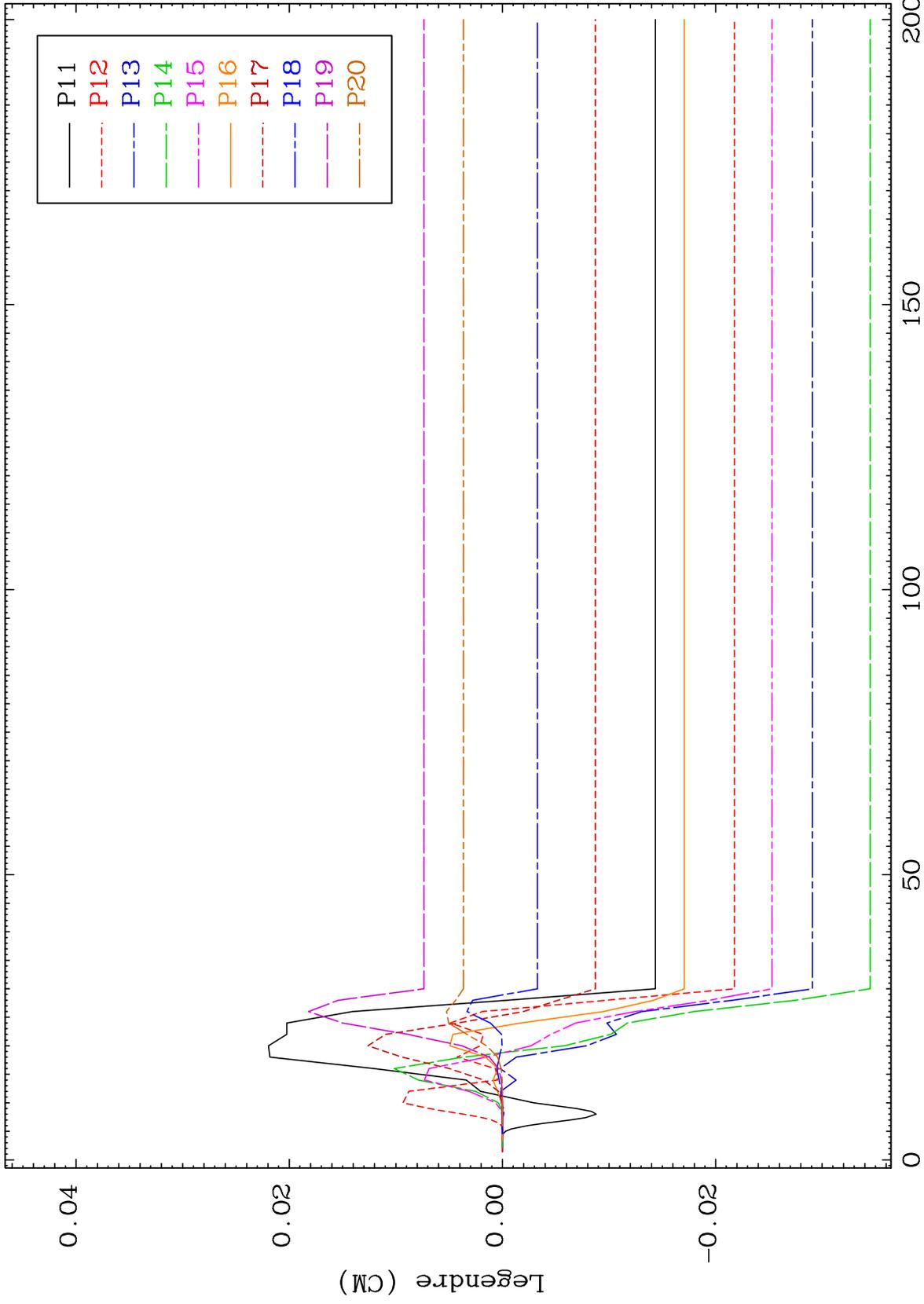
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MAT 8416

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

84-Po-203



41

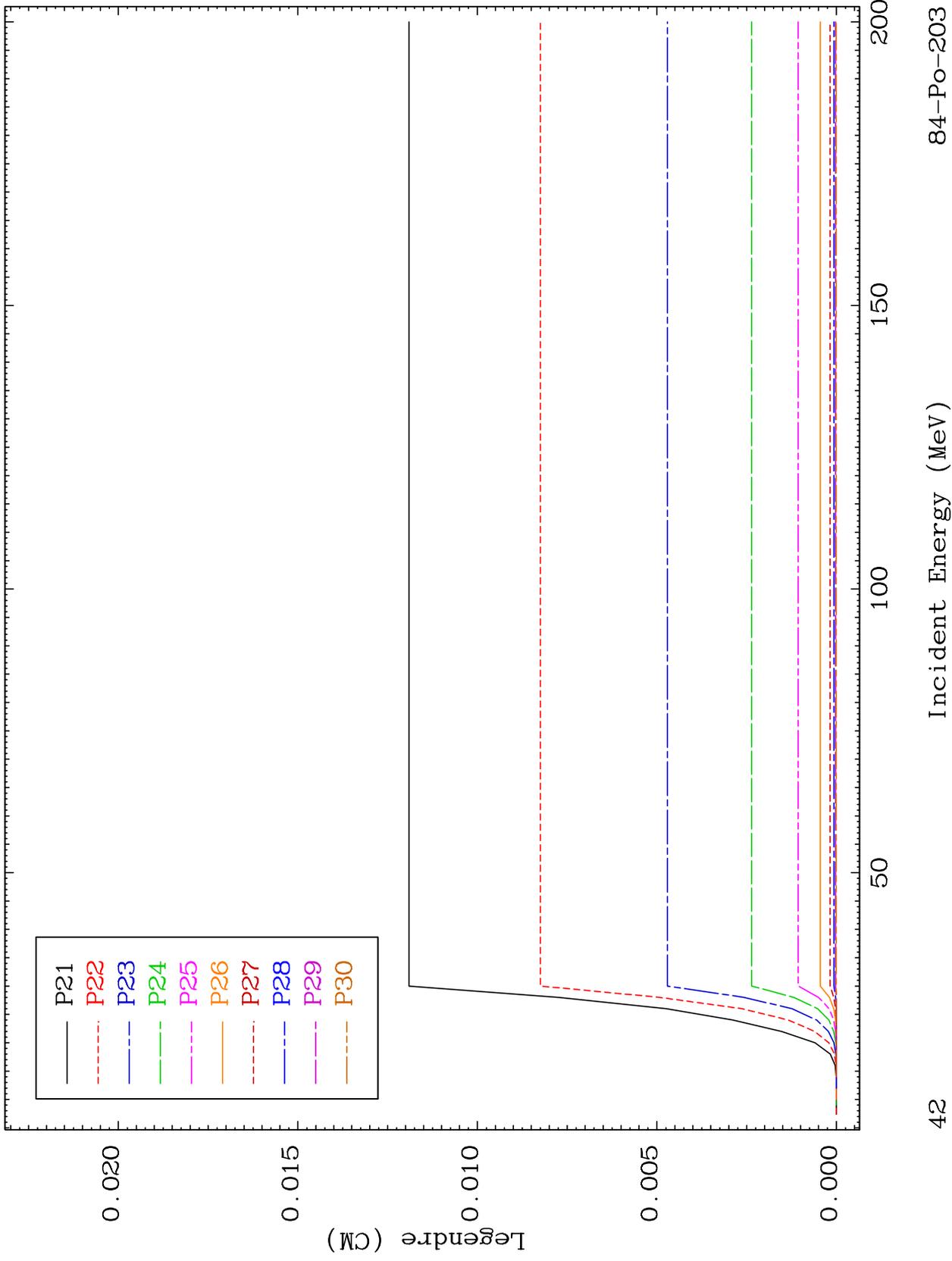
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



42

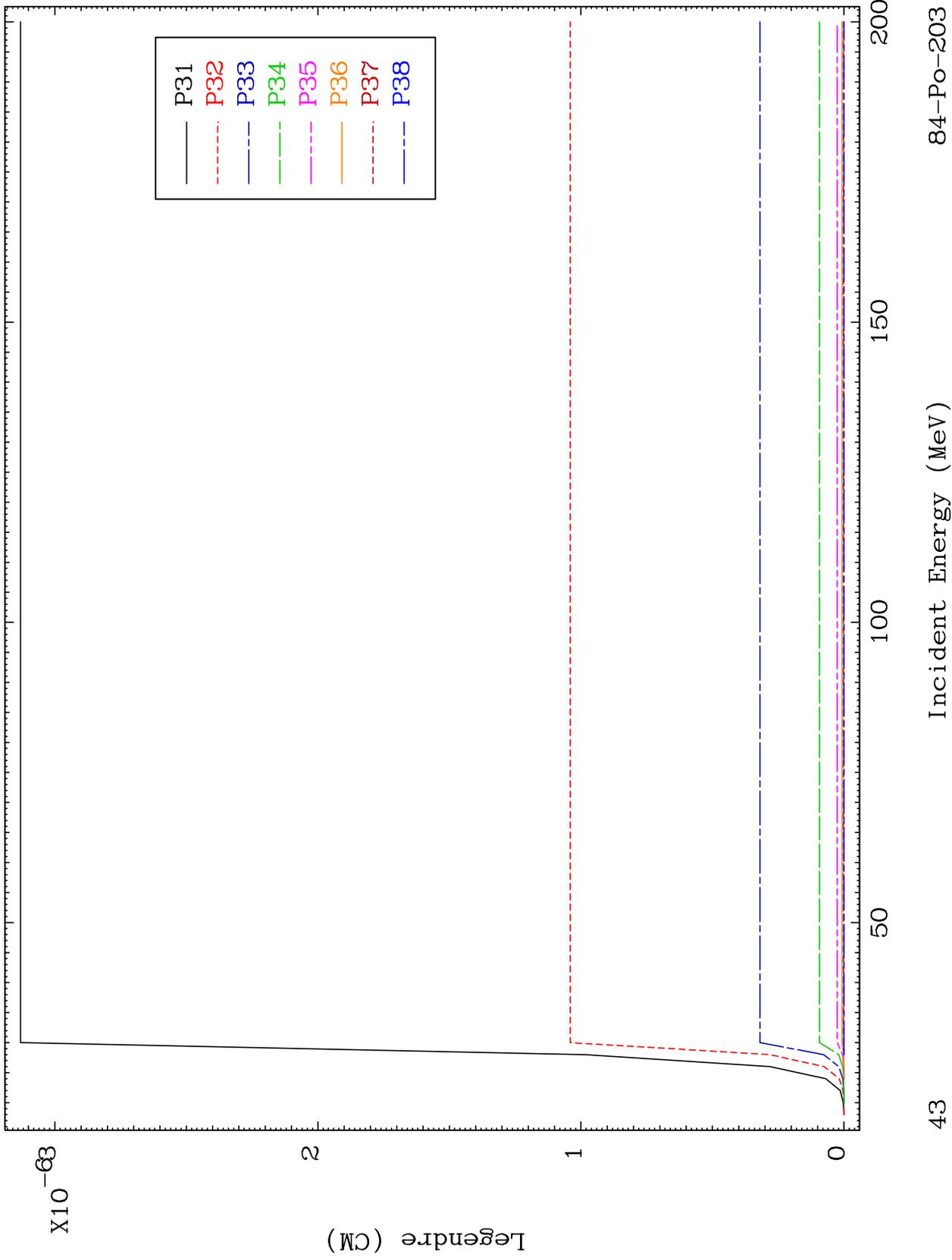
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84-Po-203

MAT 8416

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

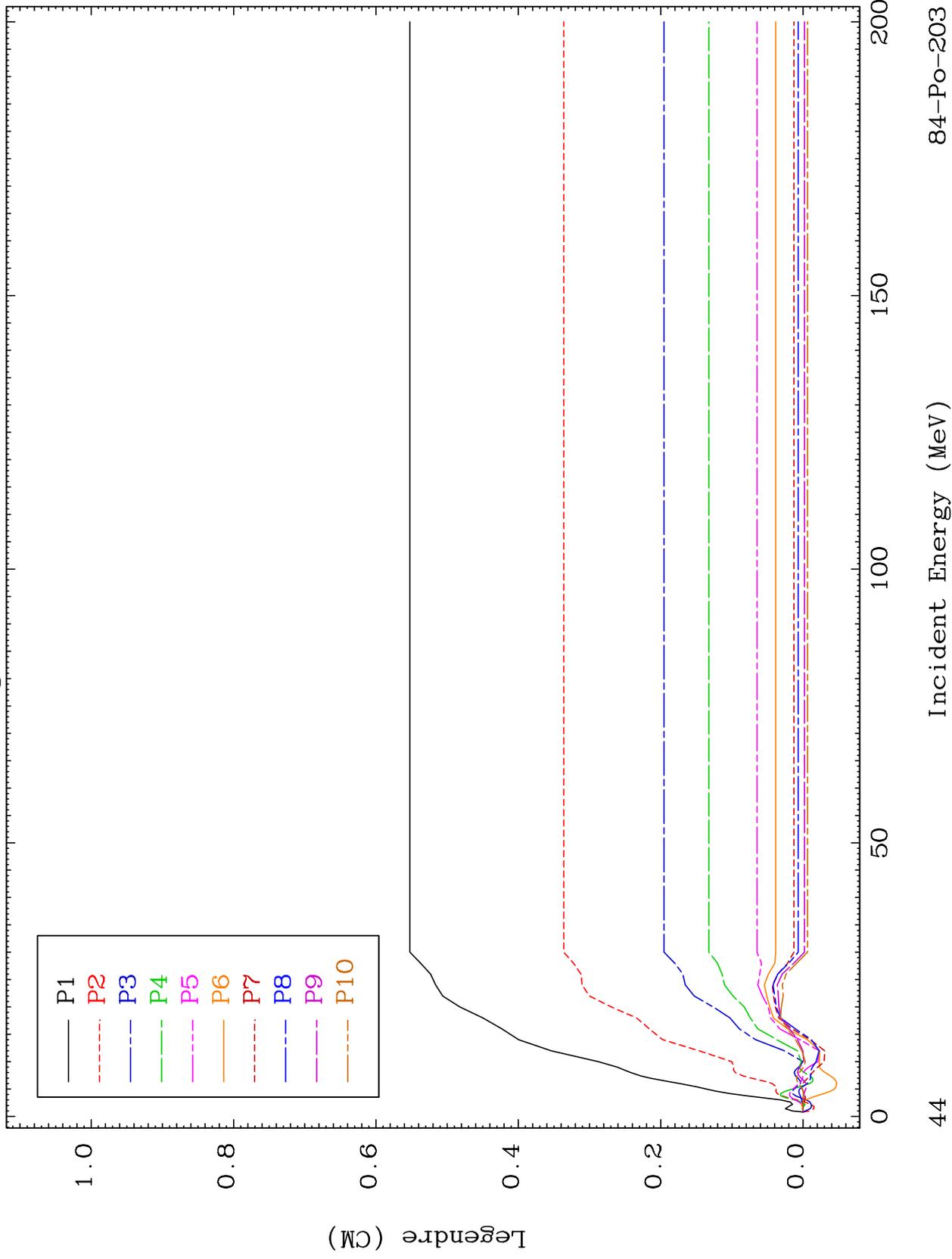
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MAT 8416

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

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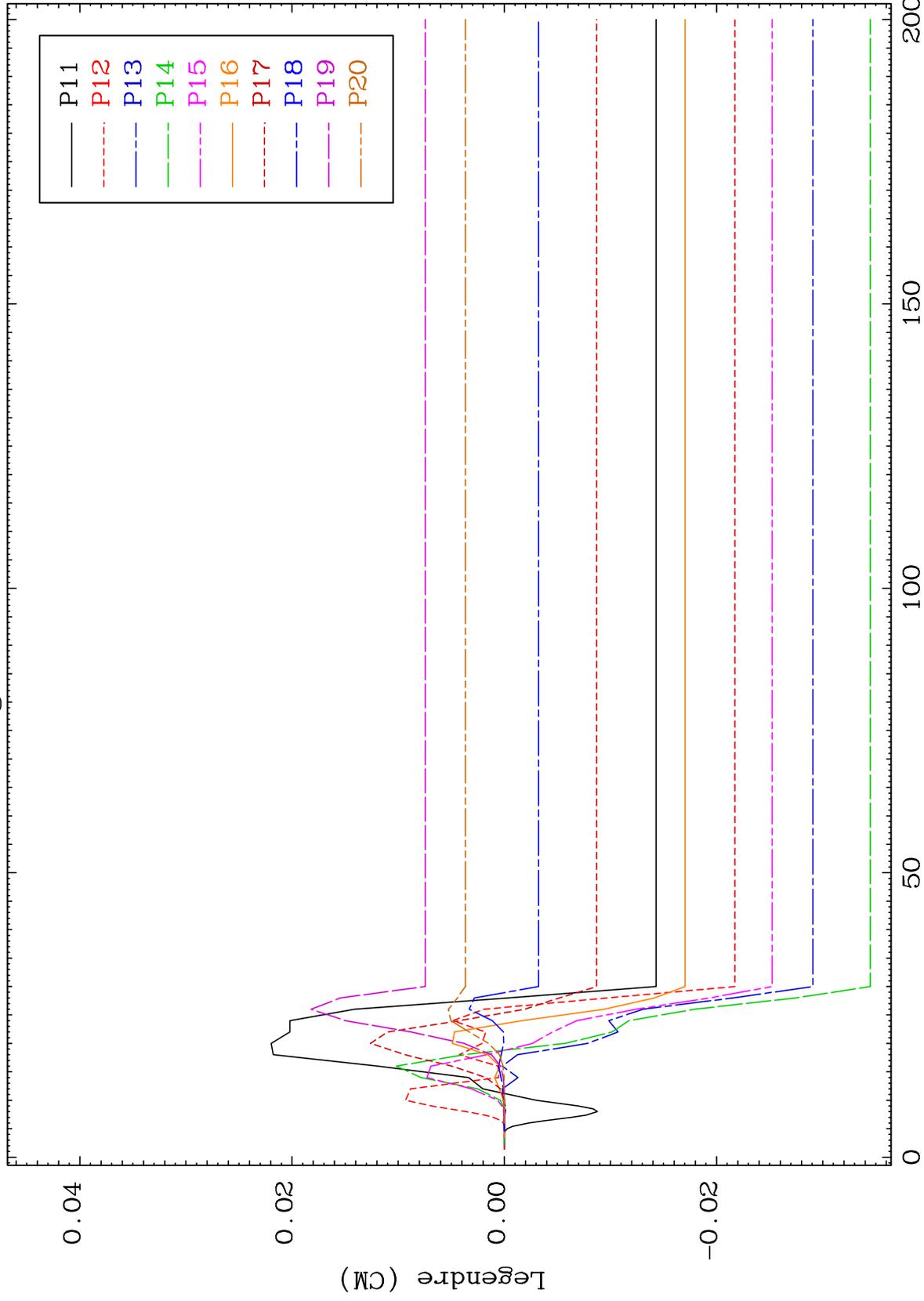


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MAT 8416

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

84-Po-203



45

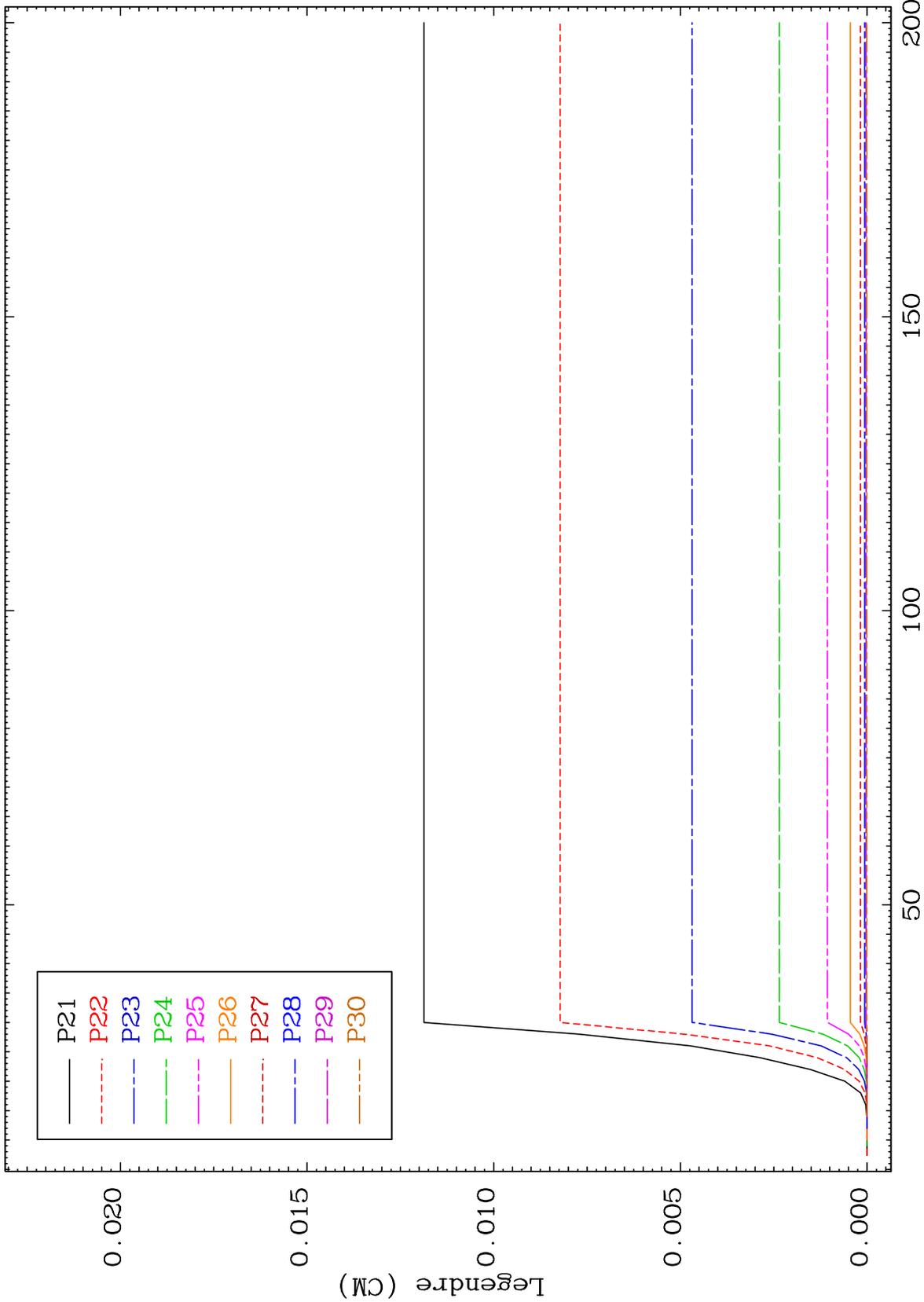
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



46

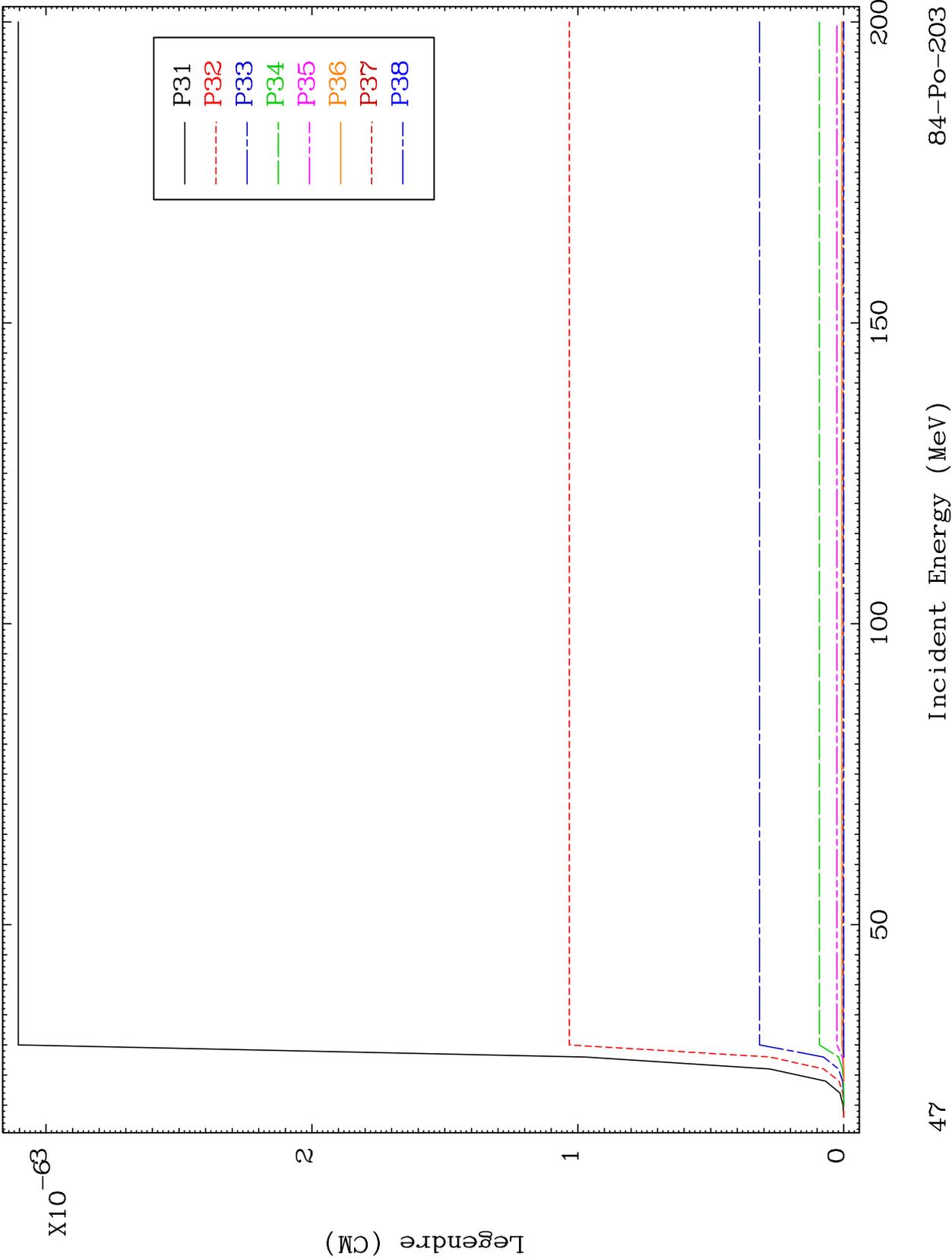
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84-Po-203

MAT 8416

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

84-Po-203



47

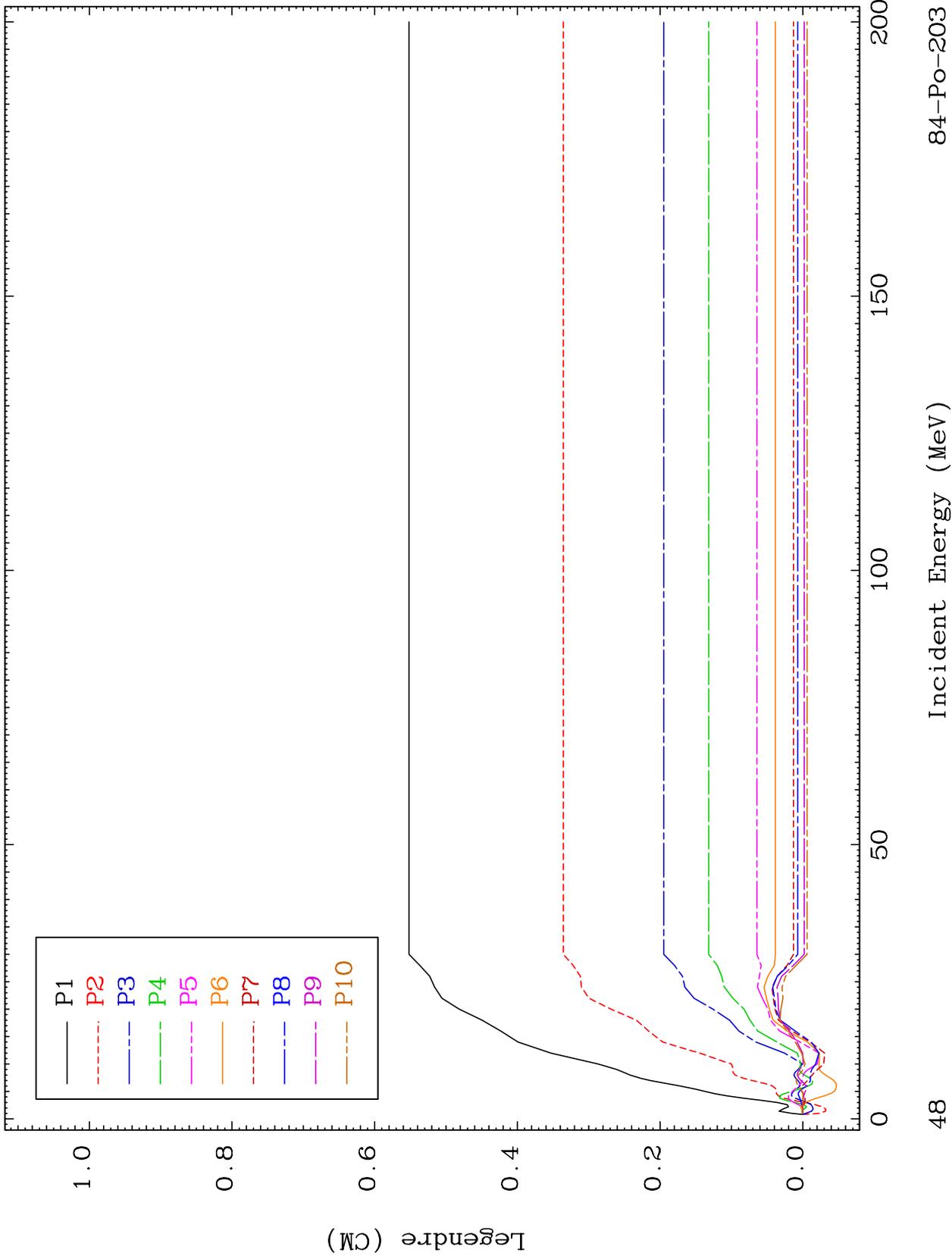
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

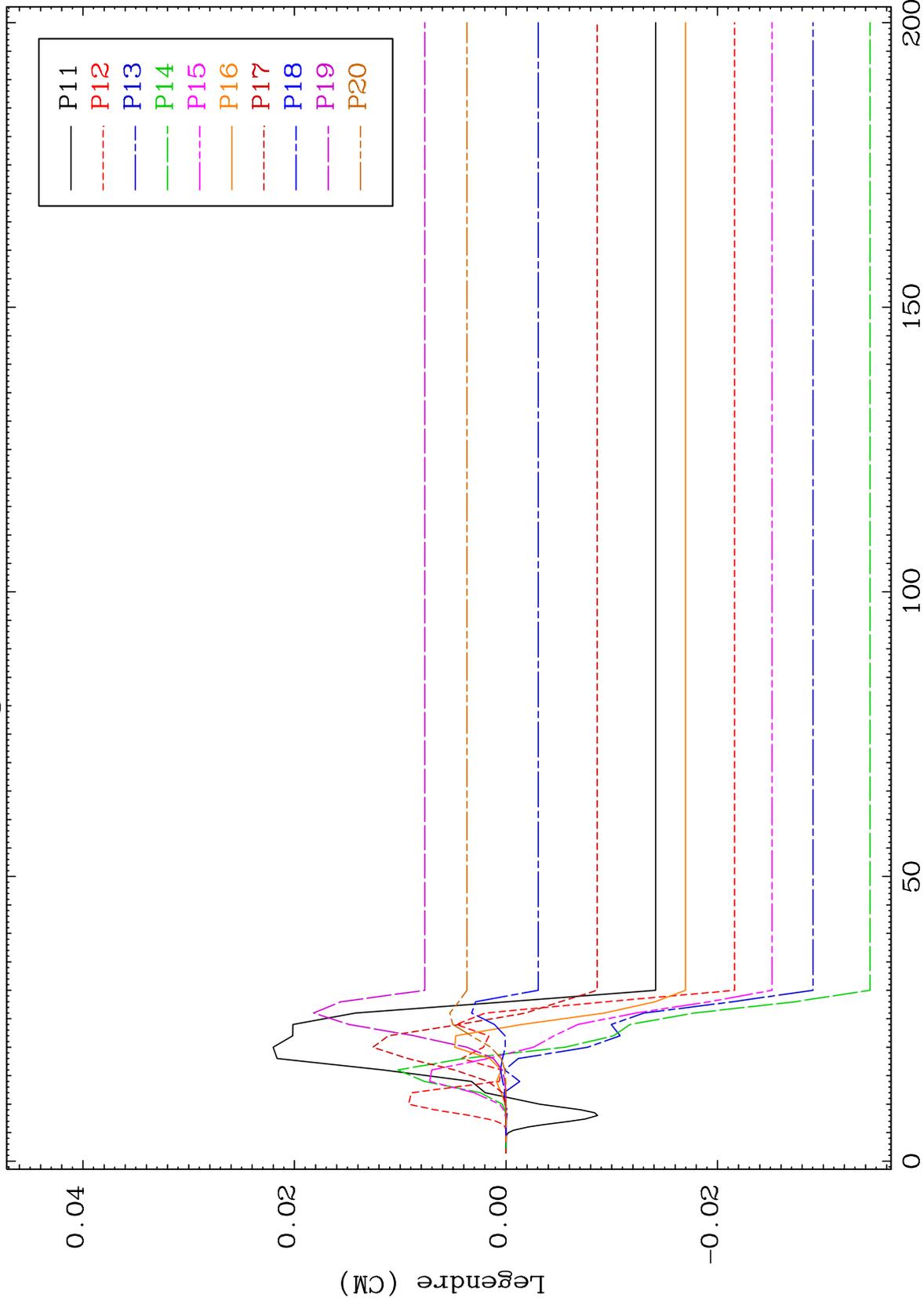
Incident Energy (MeV)

48

MAT 8416

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

84-Po-203



49

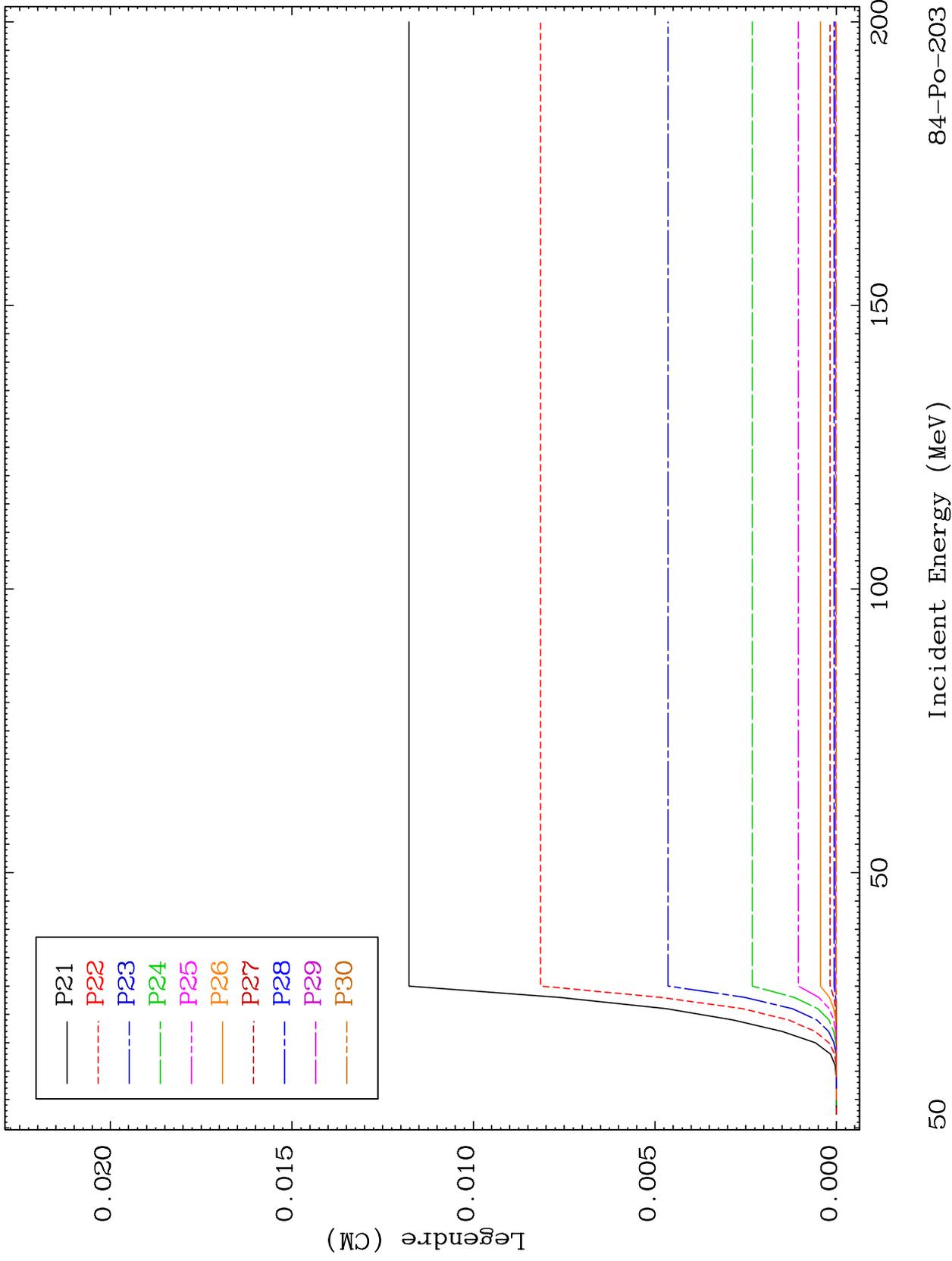
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

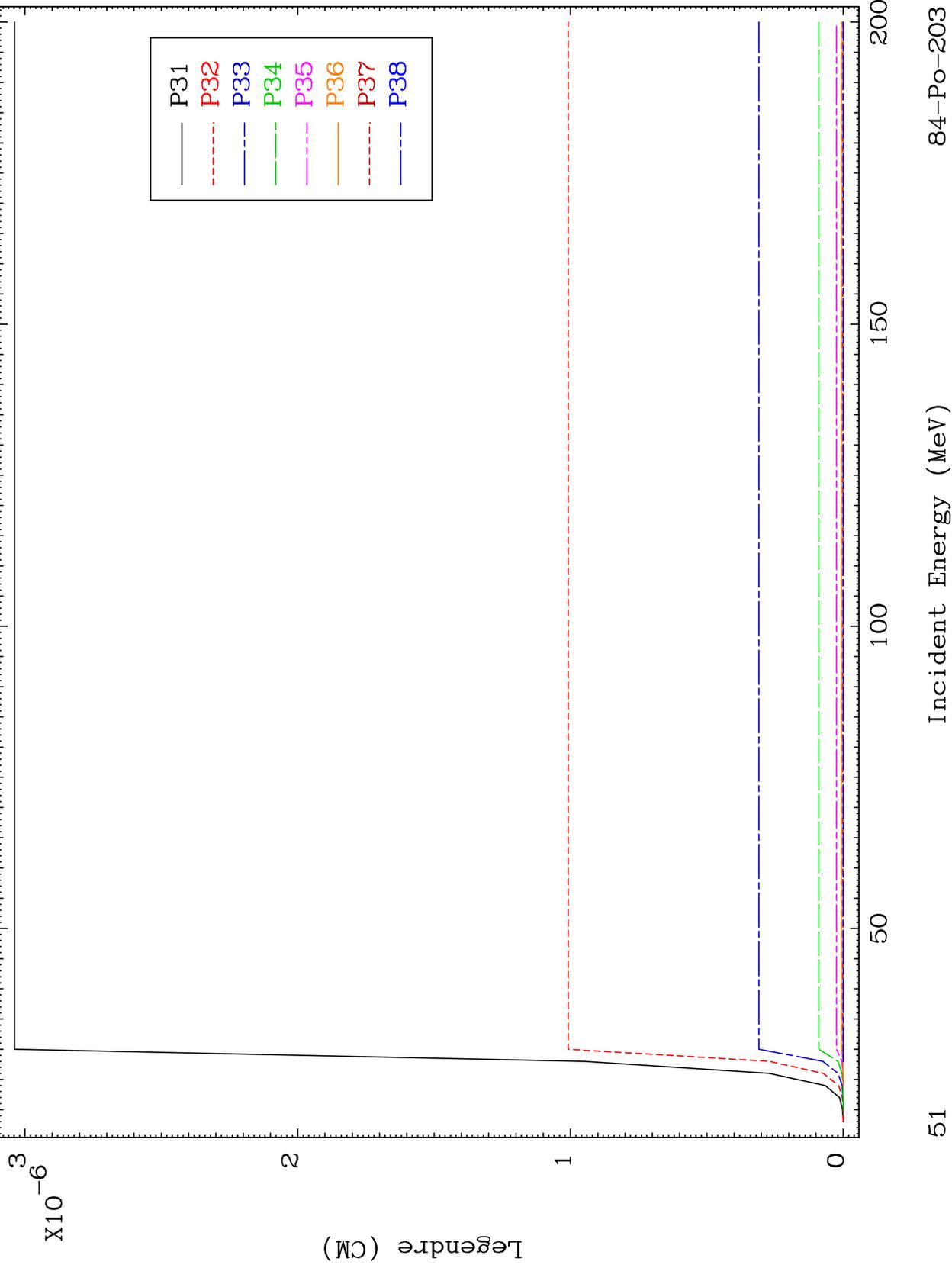
Incident Energy (MeV)

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MAT 8416

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

84-Po-203



51

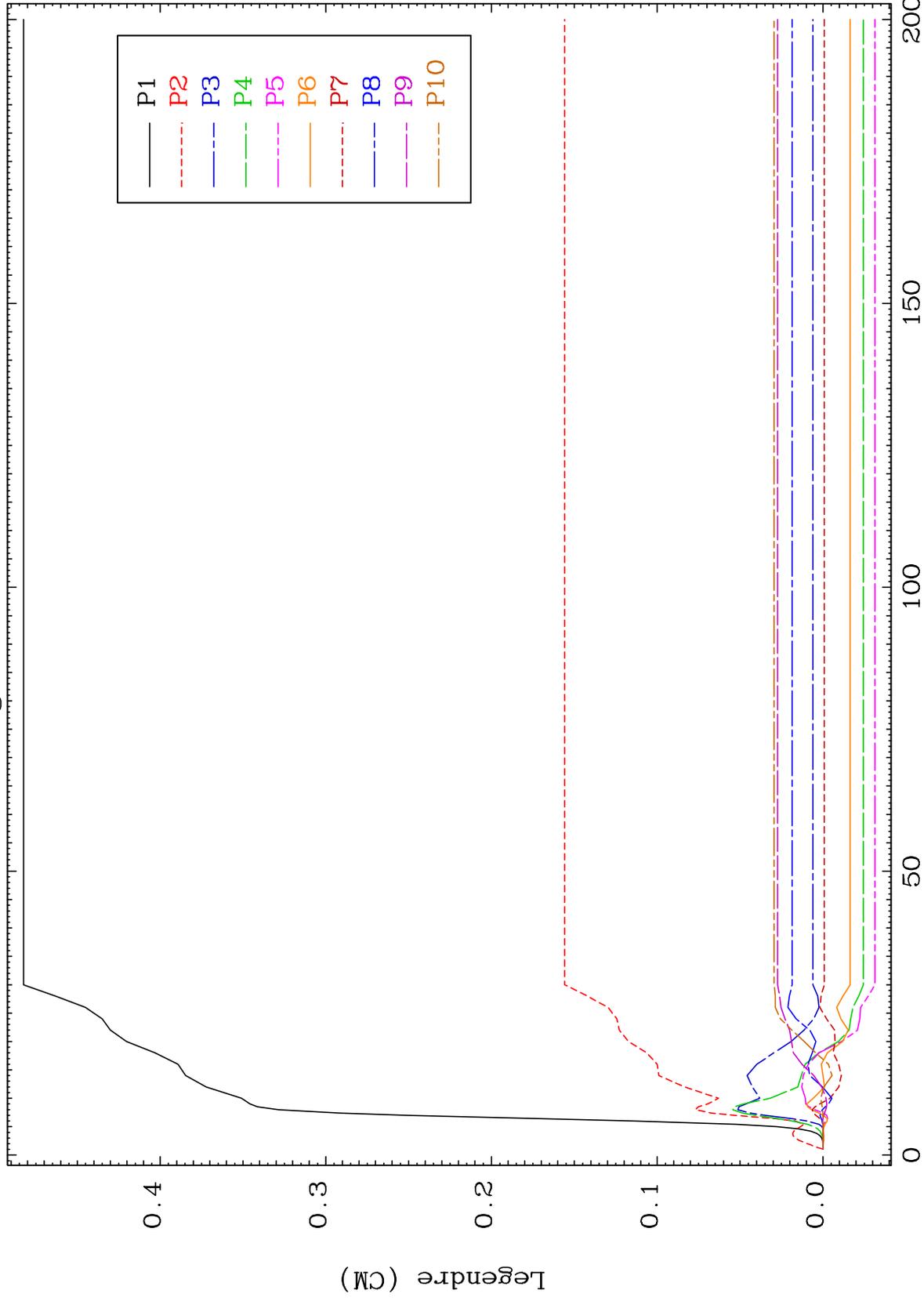
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

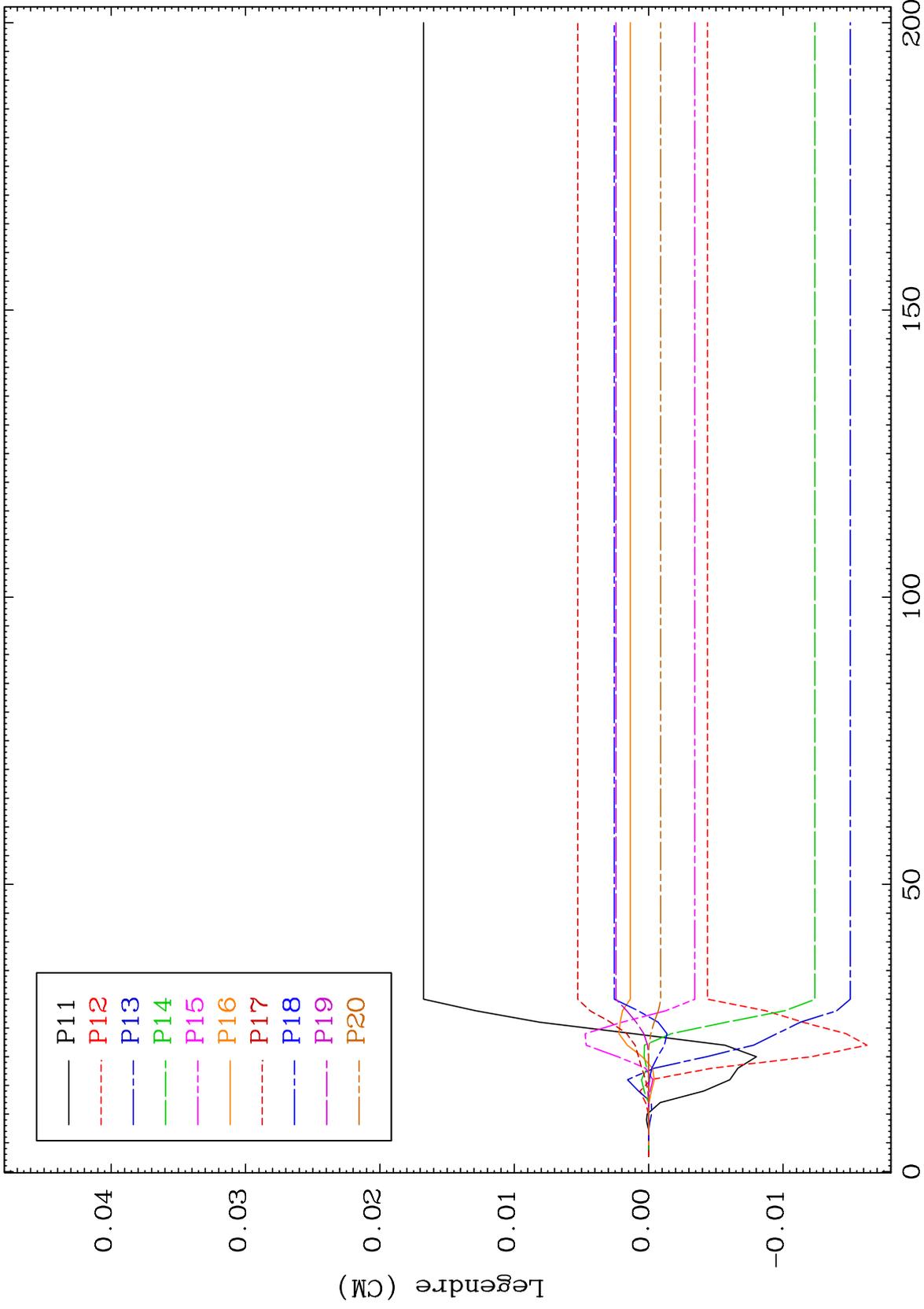
Incident Energy (MeV)

52

MAT 8416

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

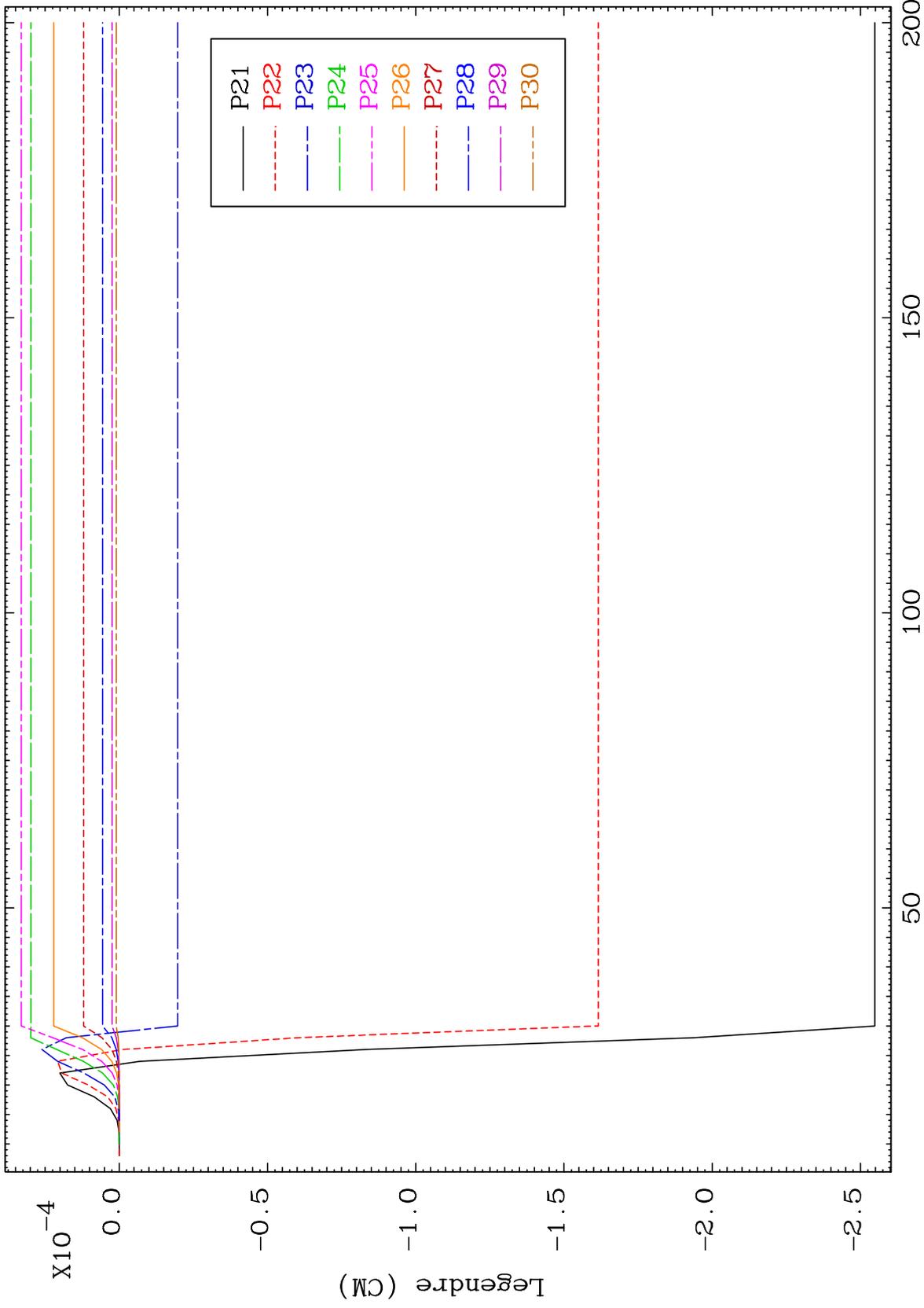
84-Po-203



53

Incident Energy (MeV)

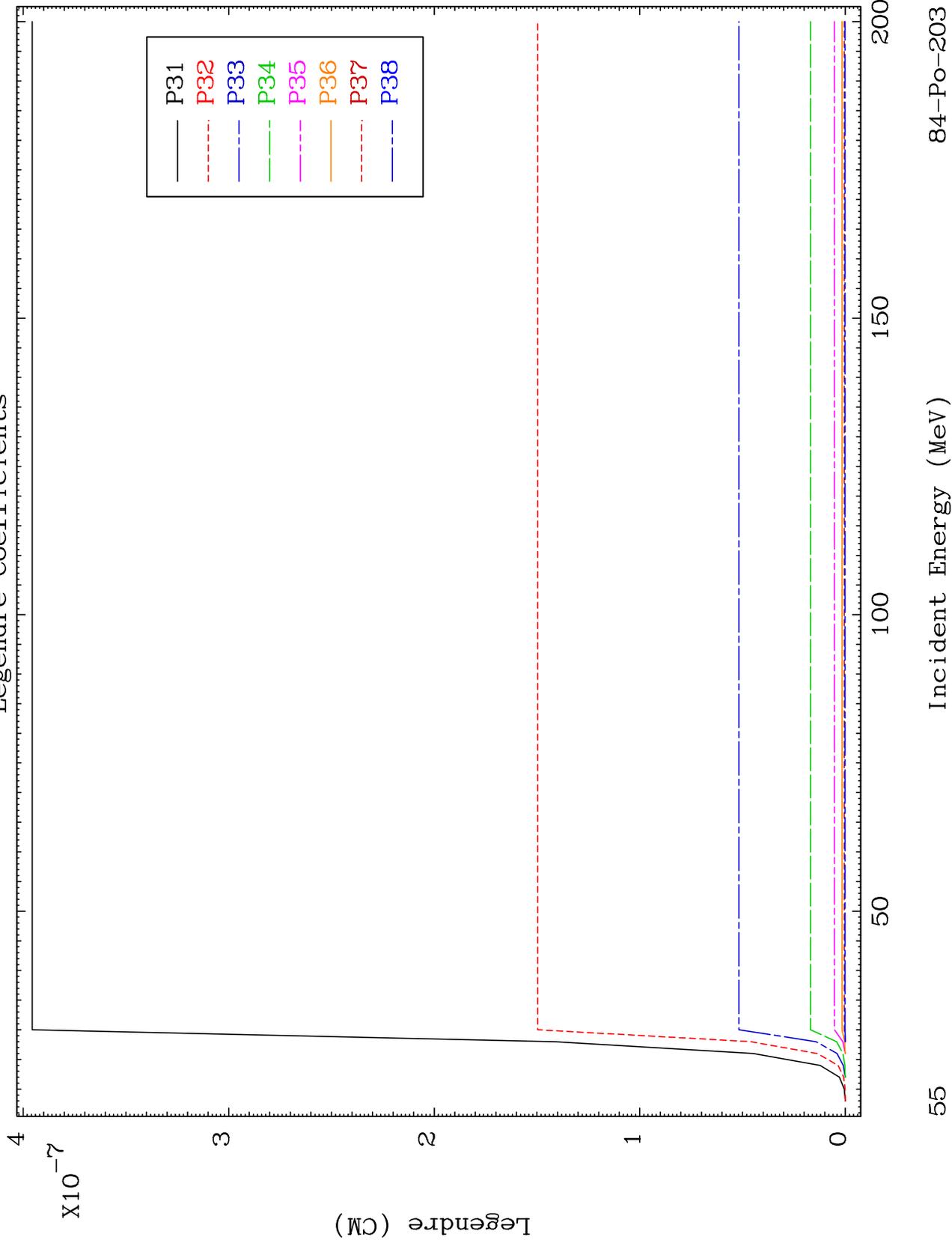
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MAT 8416

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

84-Po-203



84-Po-203

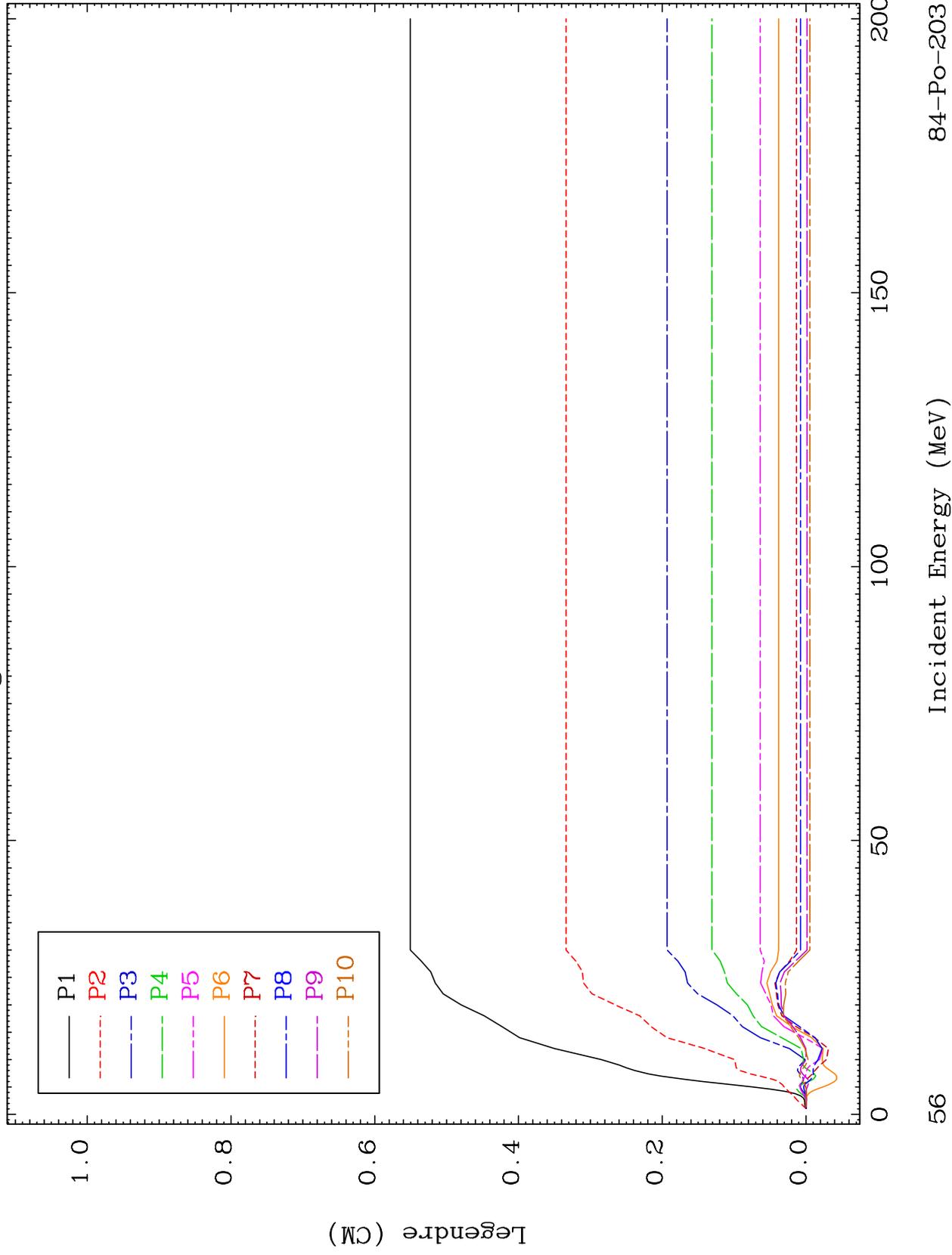
Incident Energy (MeV)

55

MAT 8416

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

84-Po-203



84-Po-203

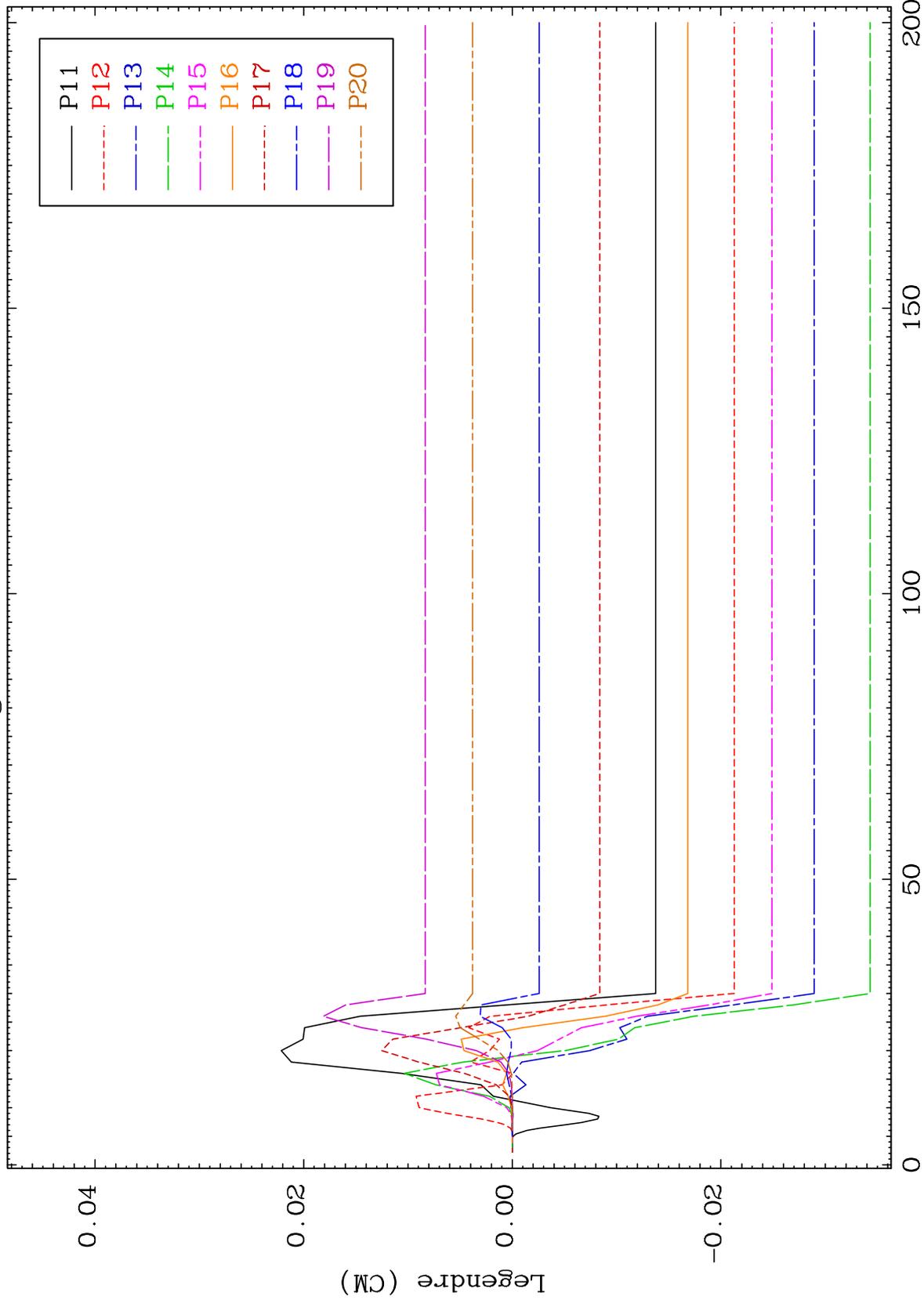
Incident Energy (MeV)

56

MAT 8416

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

84-Po-203



57

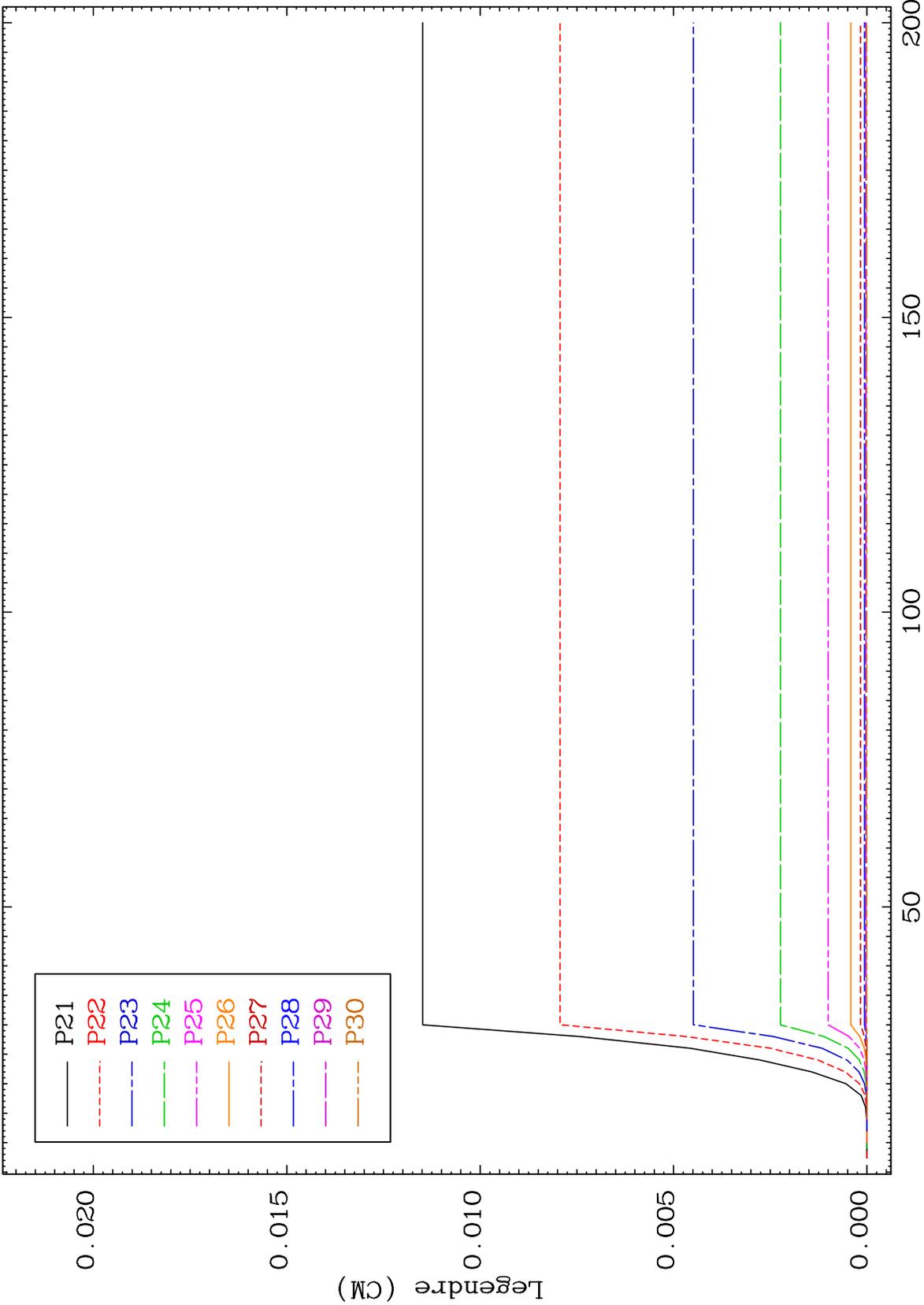
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



58

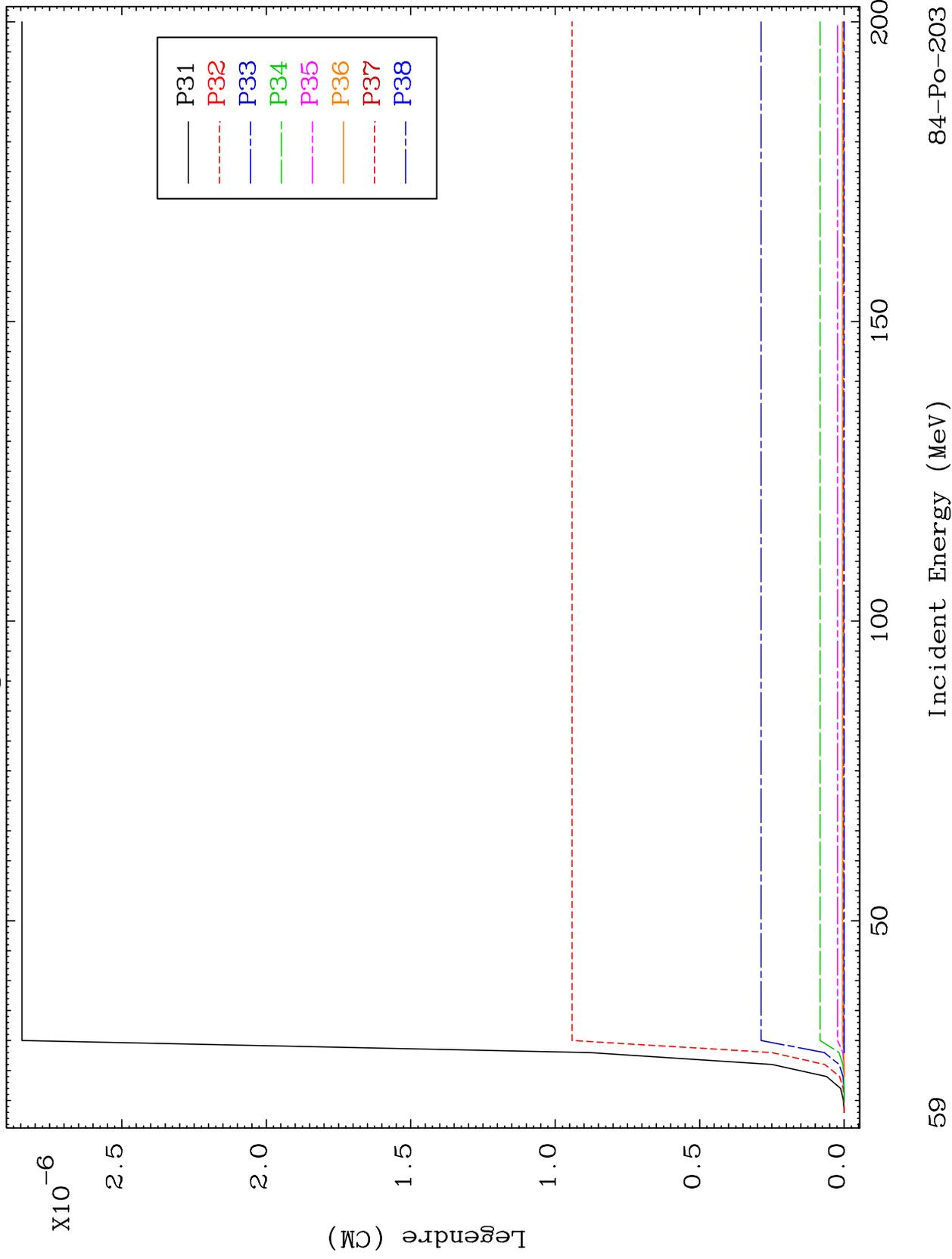
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



59

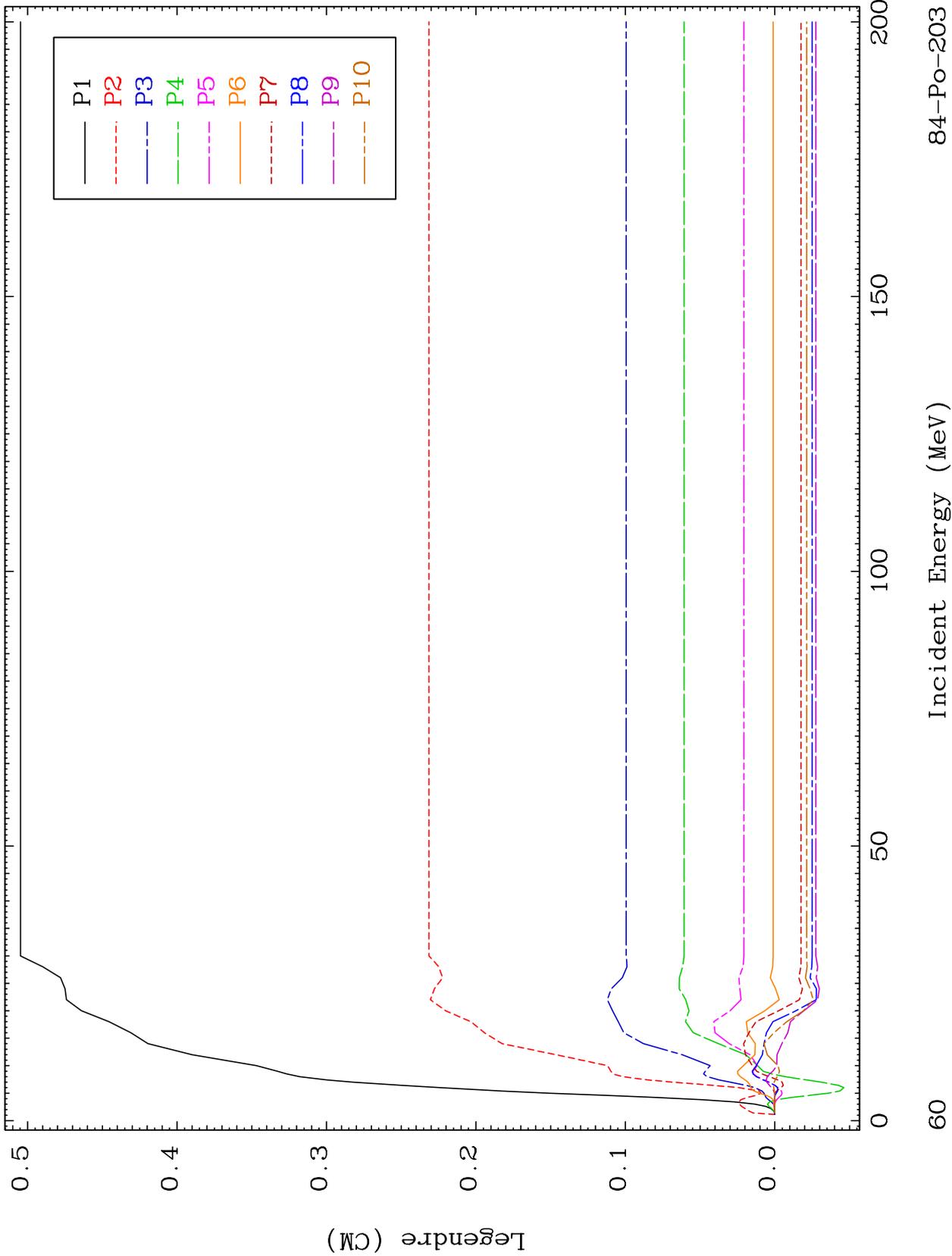
84-Po-203

MAT 8416

MT= 61 (n,n') Level

84-Po-203

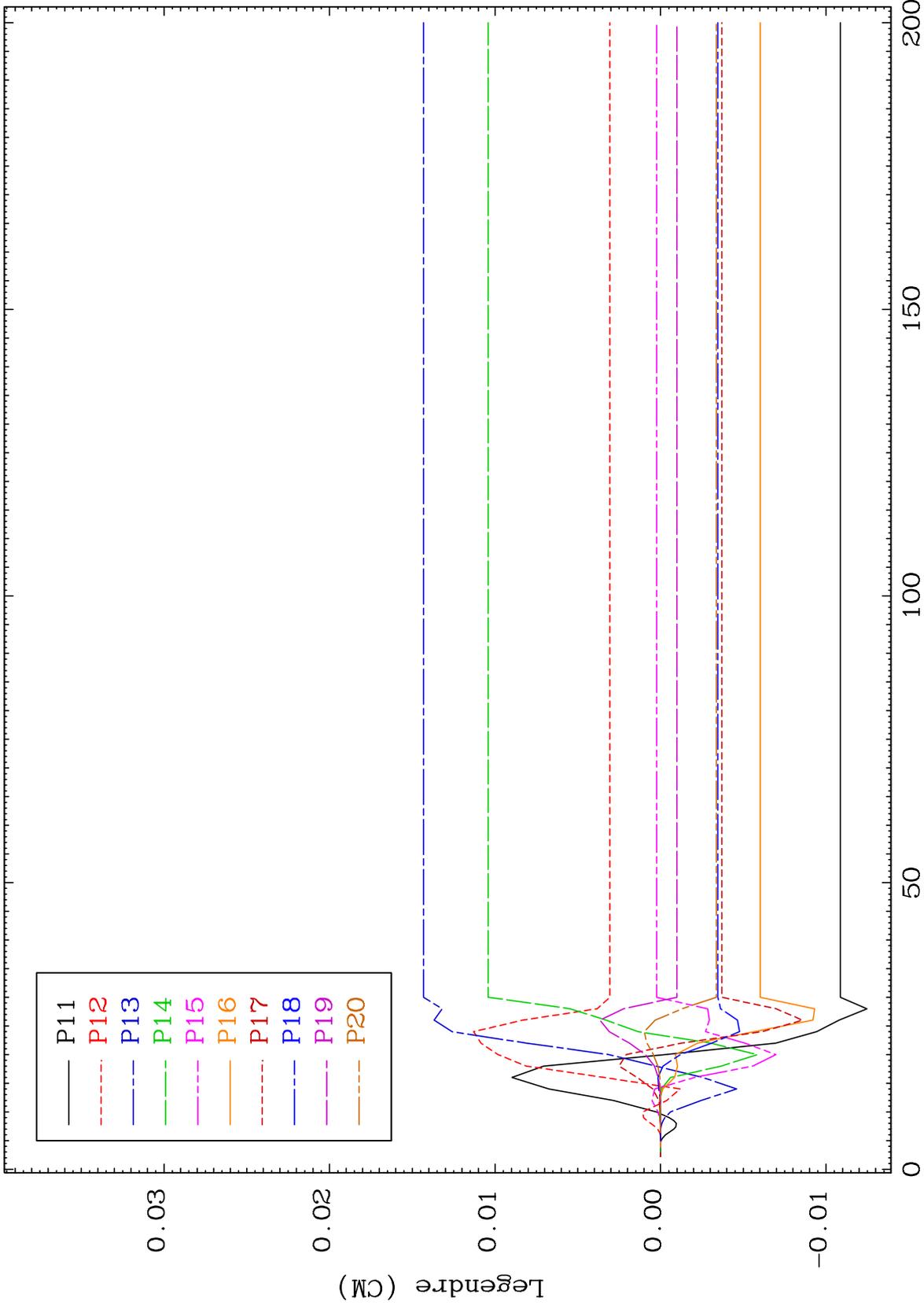
Legendre Coefficients



MAT 8416

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

84-Po-203



61

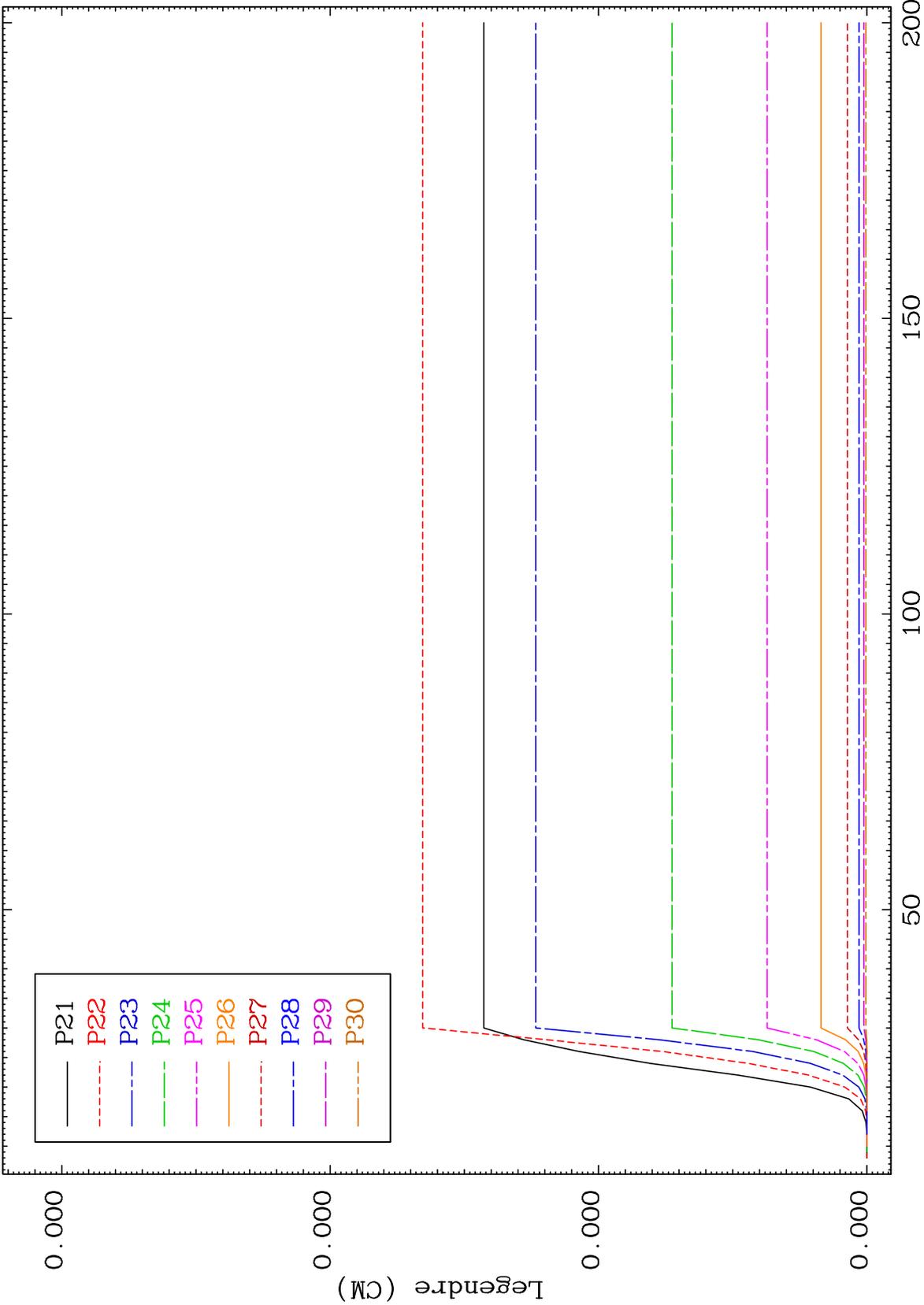
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



62

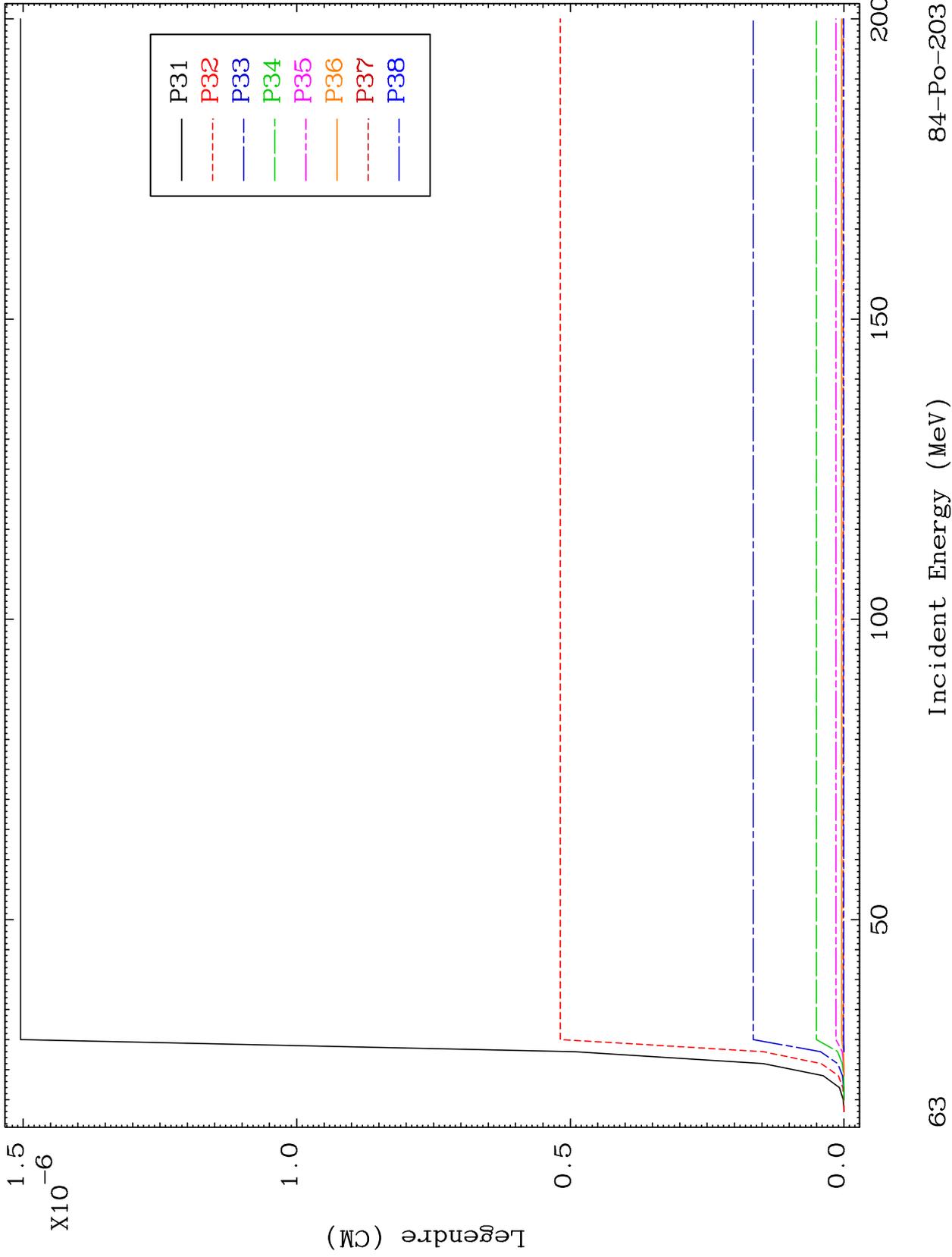
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



63

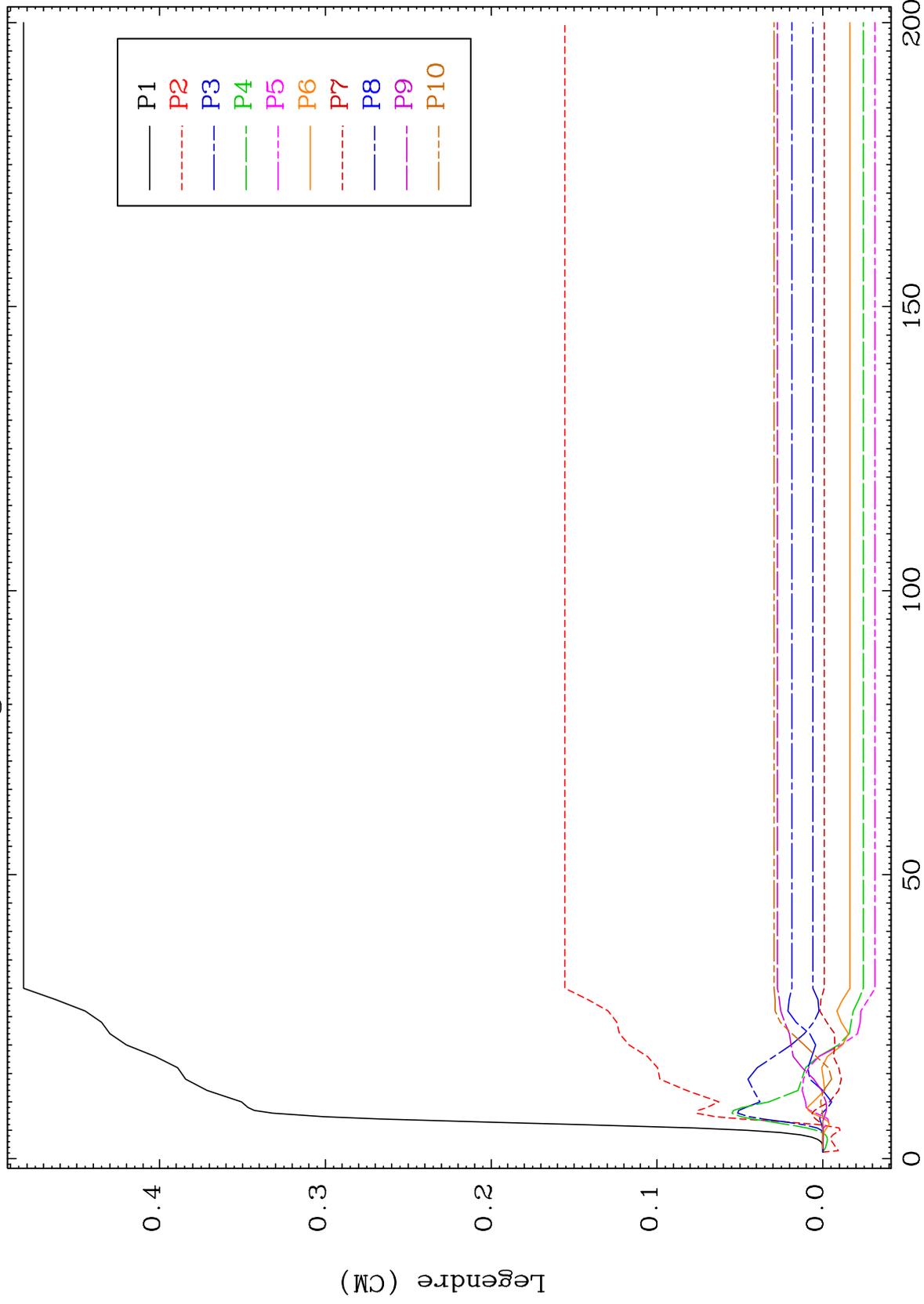
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



64

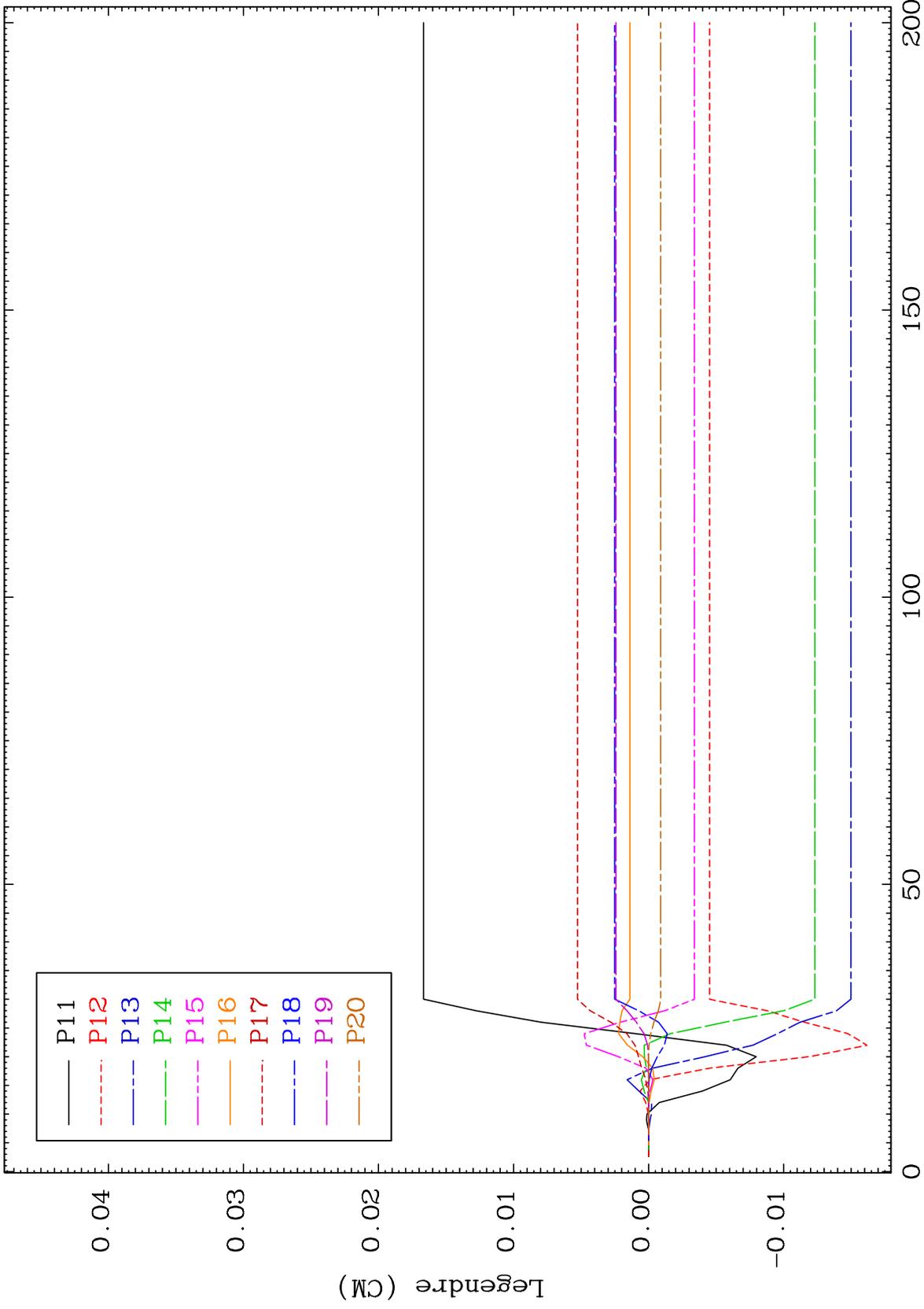
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



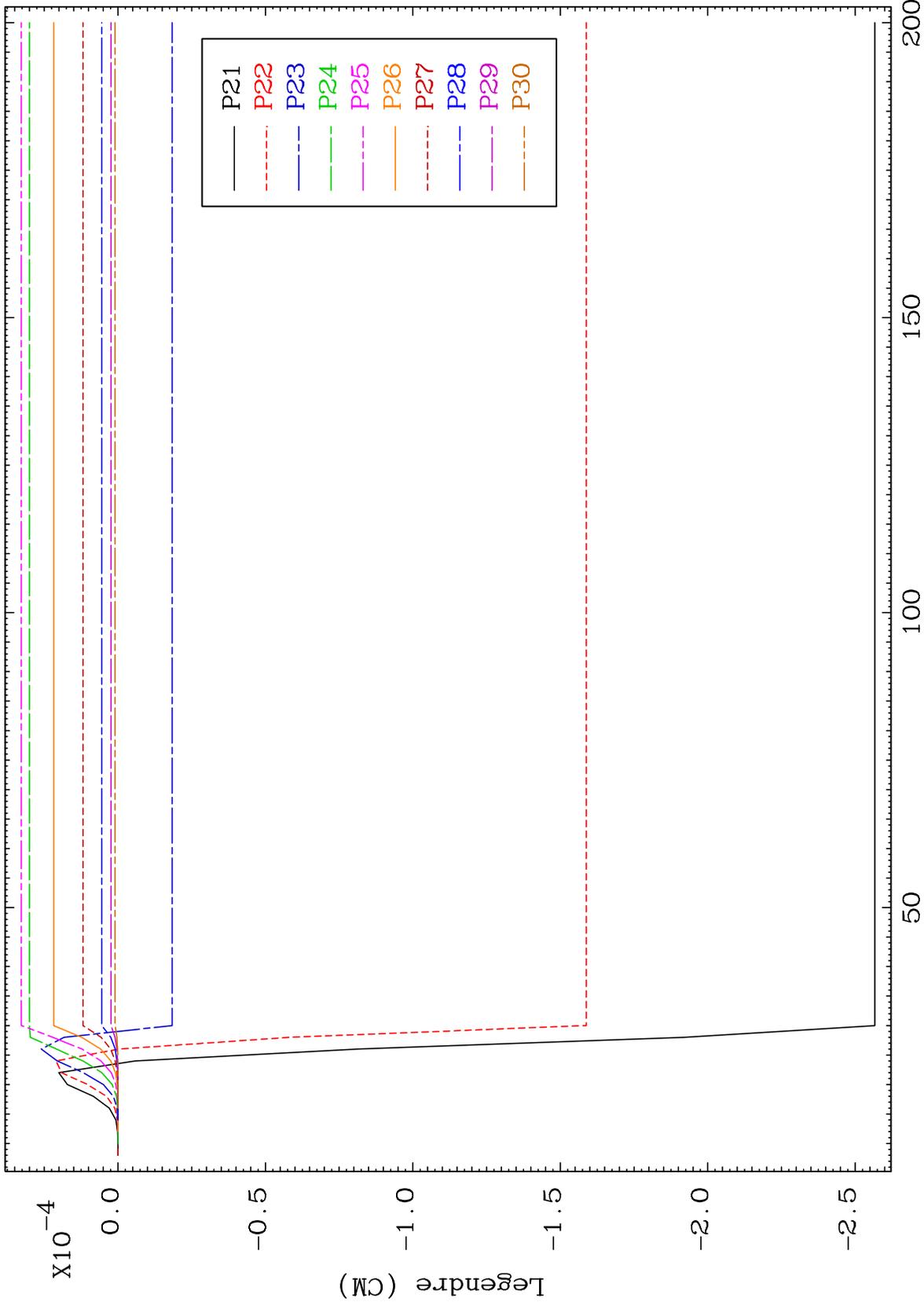
65

84-Po-203

MAT 8416

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

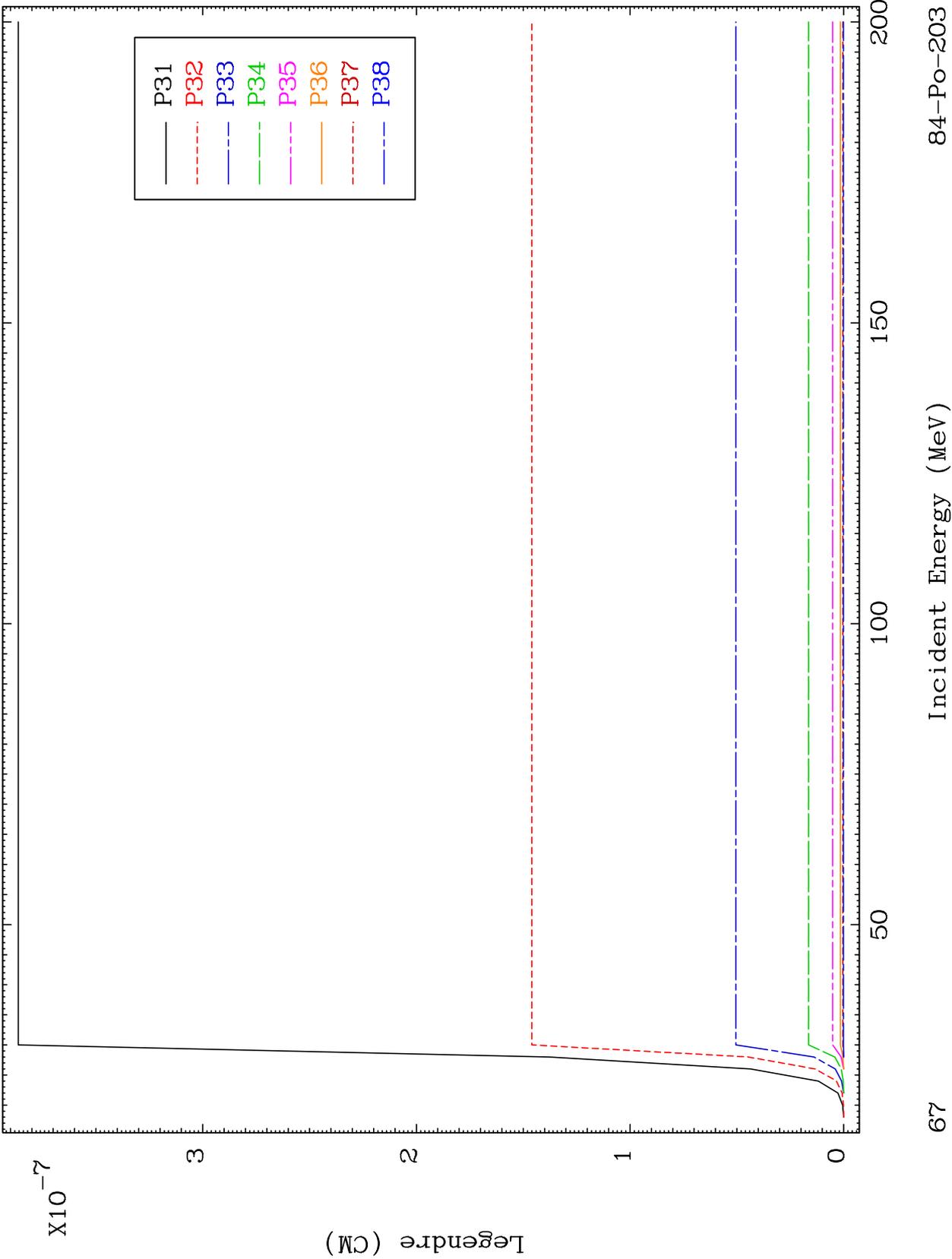
84-Po-203



MAT 8416

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

84-Po-203

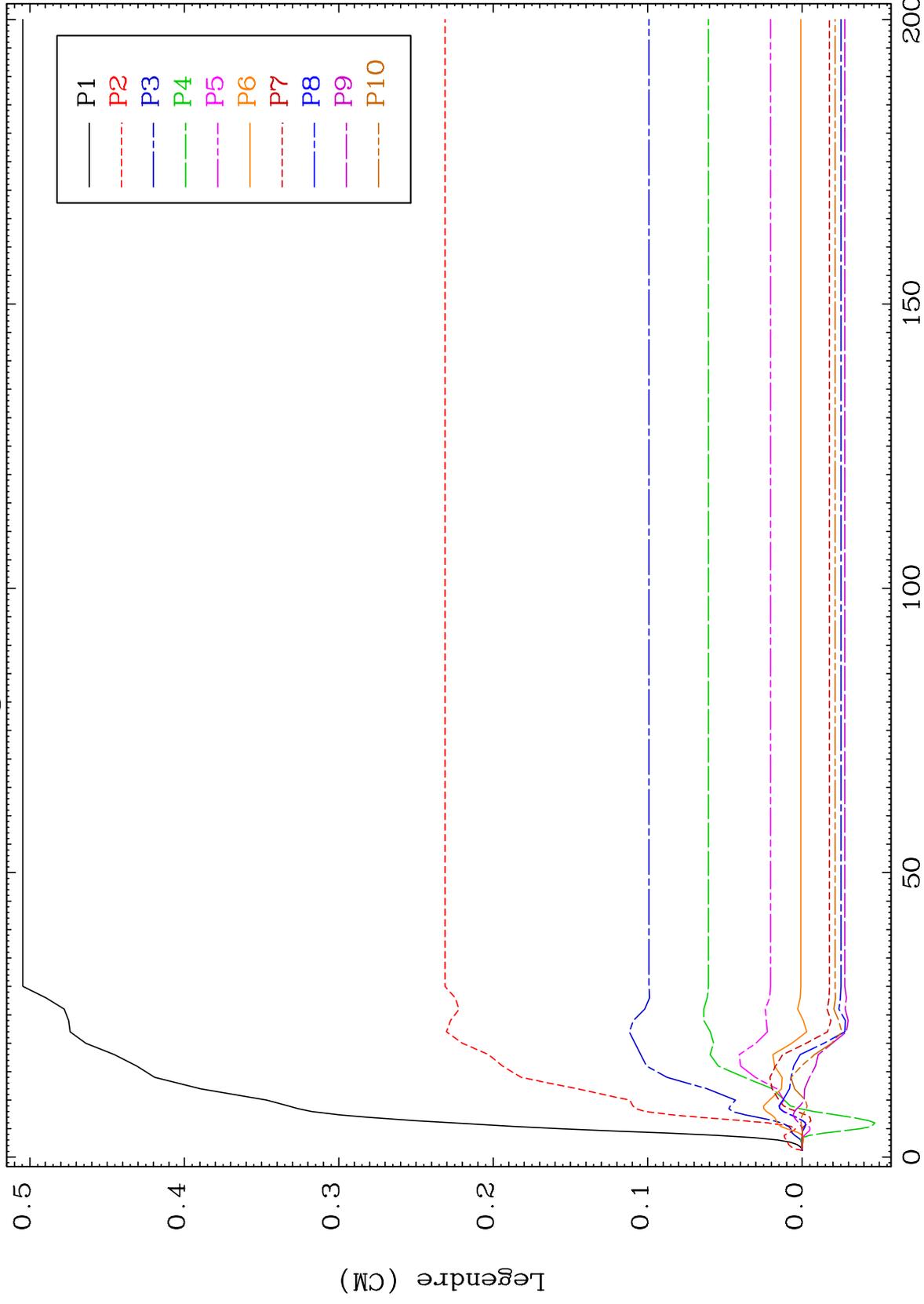


MAT 8416

MT= 63 (n,n') Level

84-Po-203

Legendre Coefficients



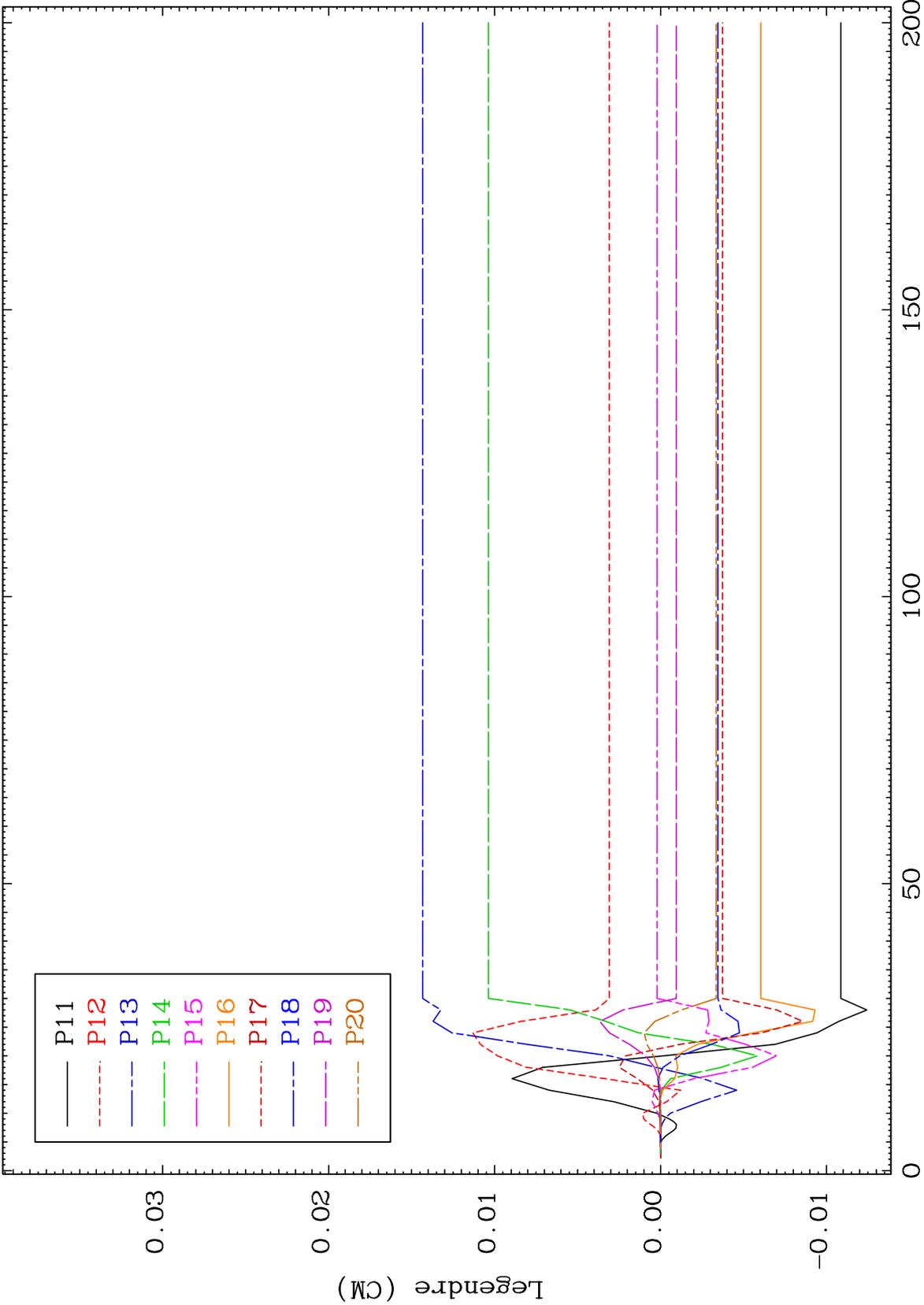
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84-Po-203

MAT 8416

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

84-Po-203



69

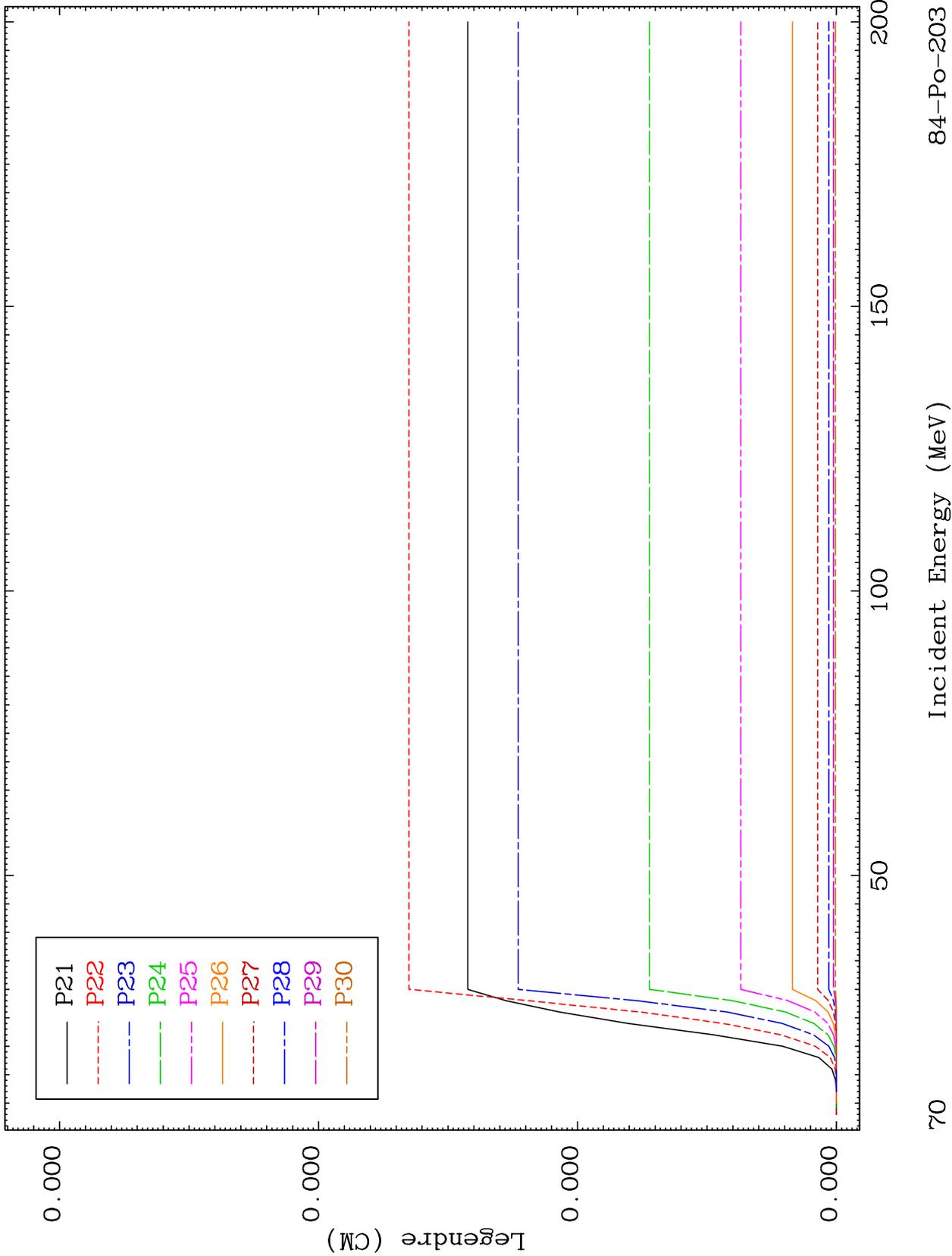
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



70

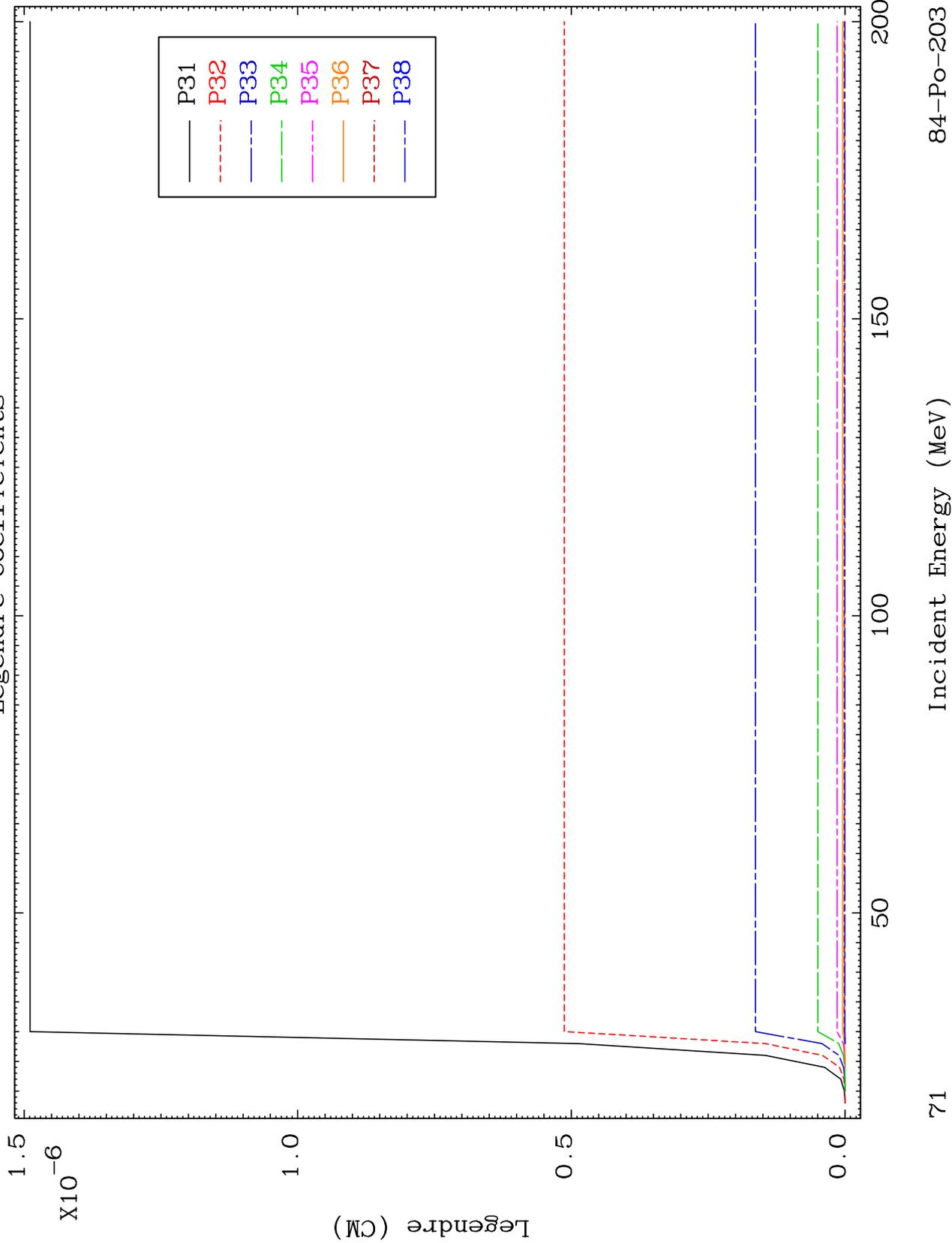
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



71

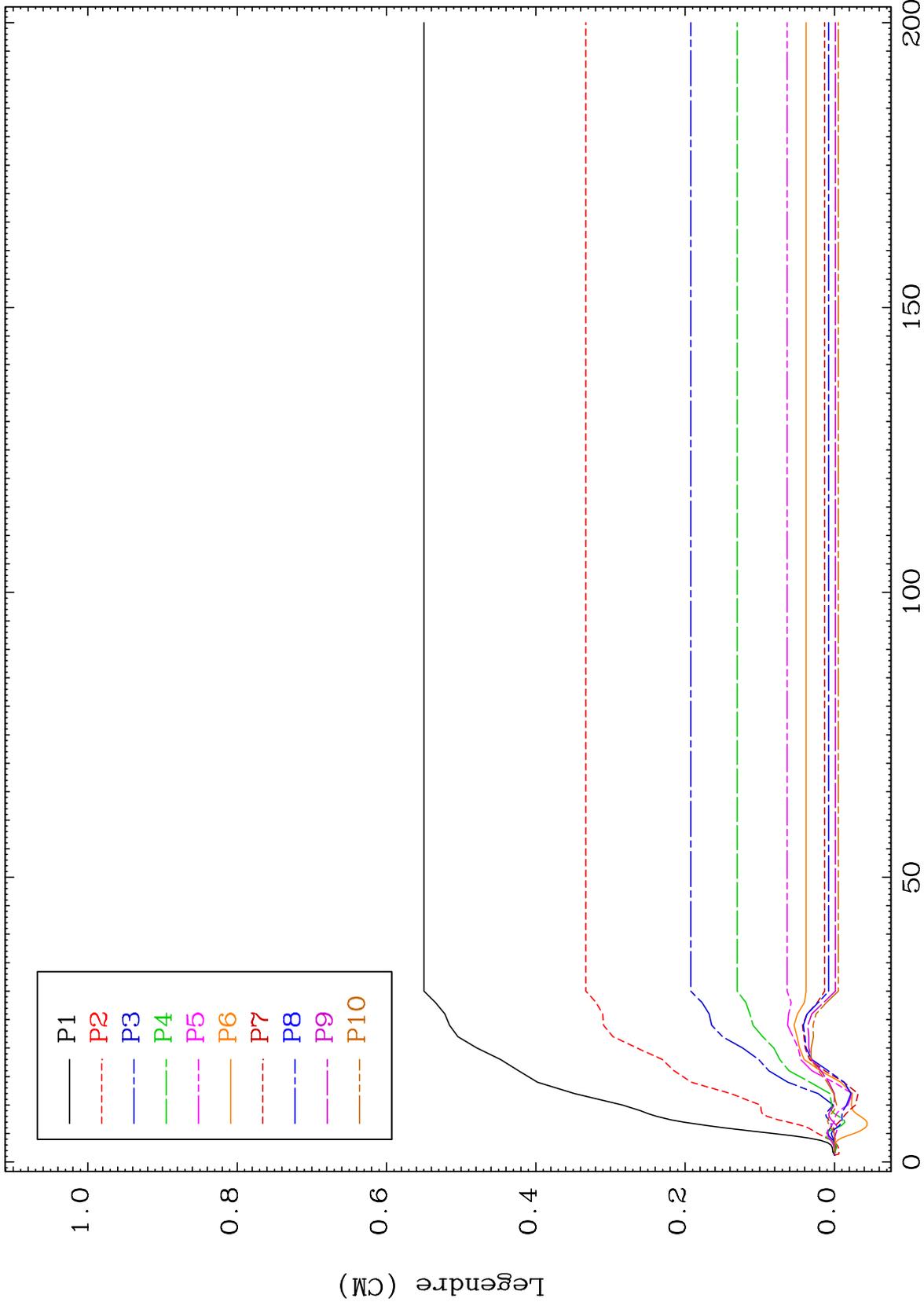
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



72

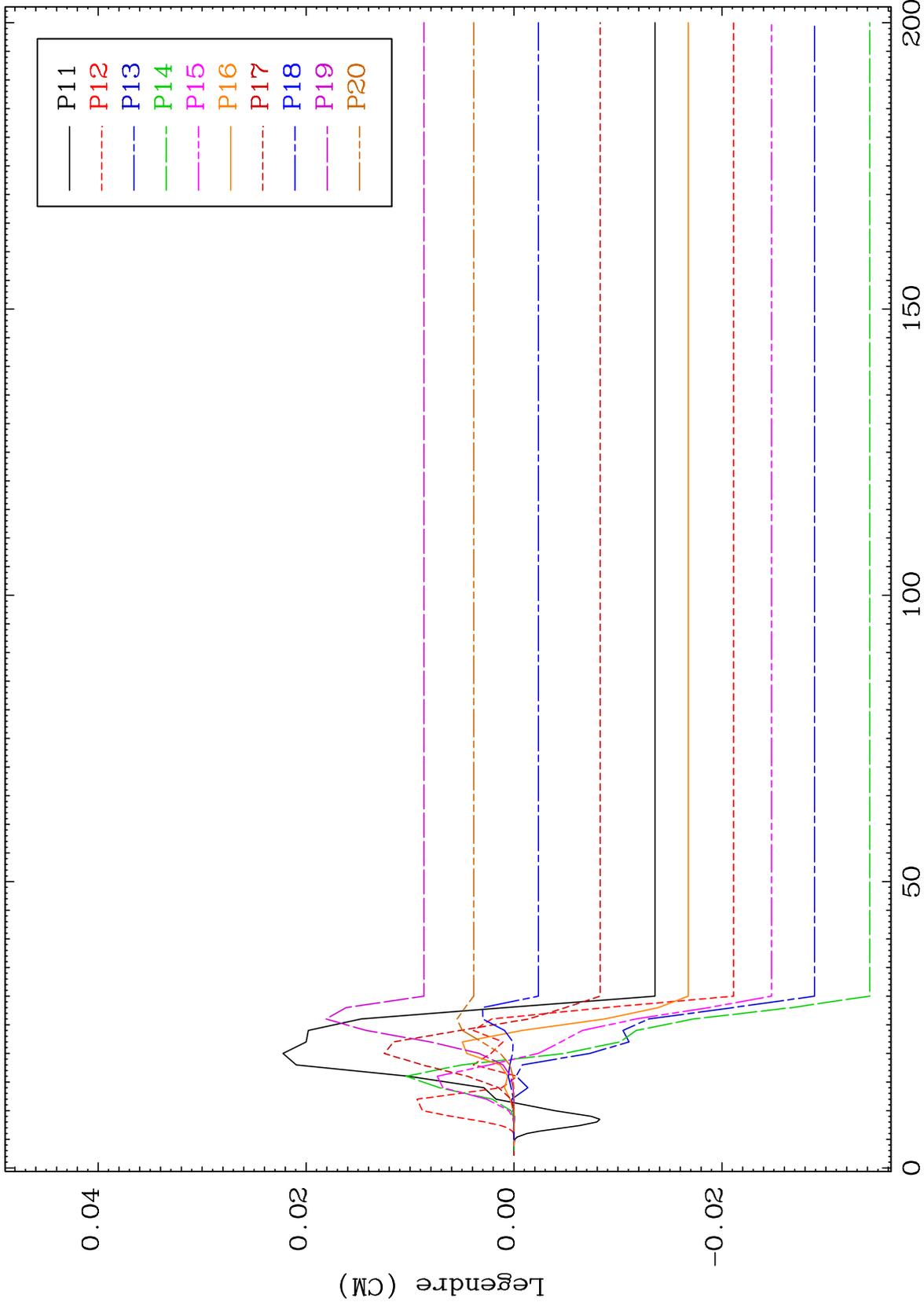
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84-Po-203

MAT 8416

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

84-Po-203



73

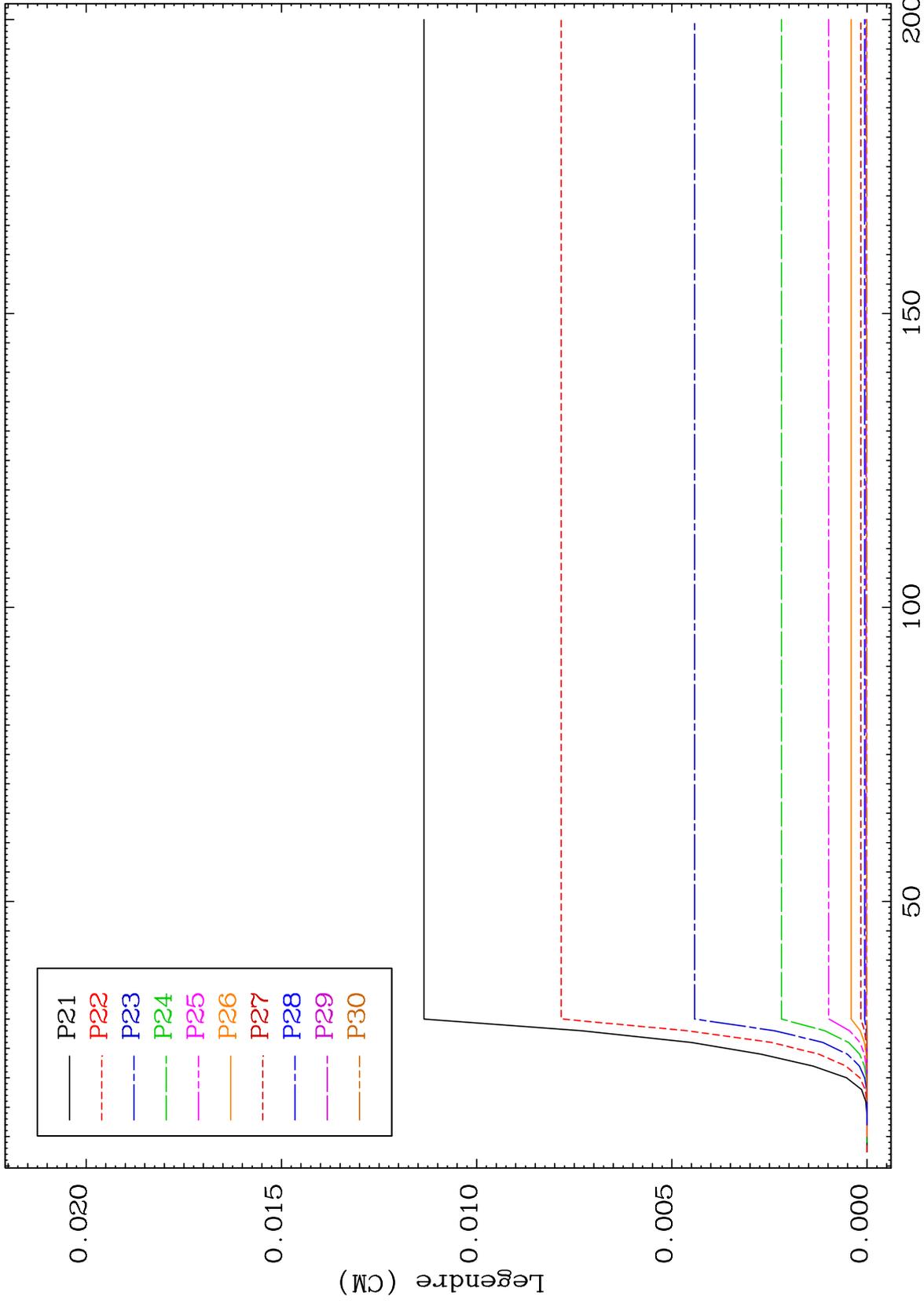
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84-Po-203

MAT 8416

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

84-Po-203



74

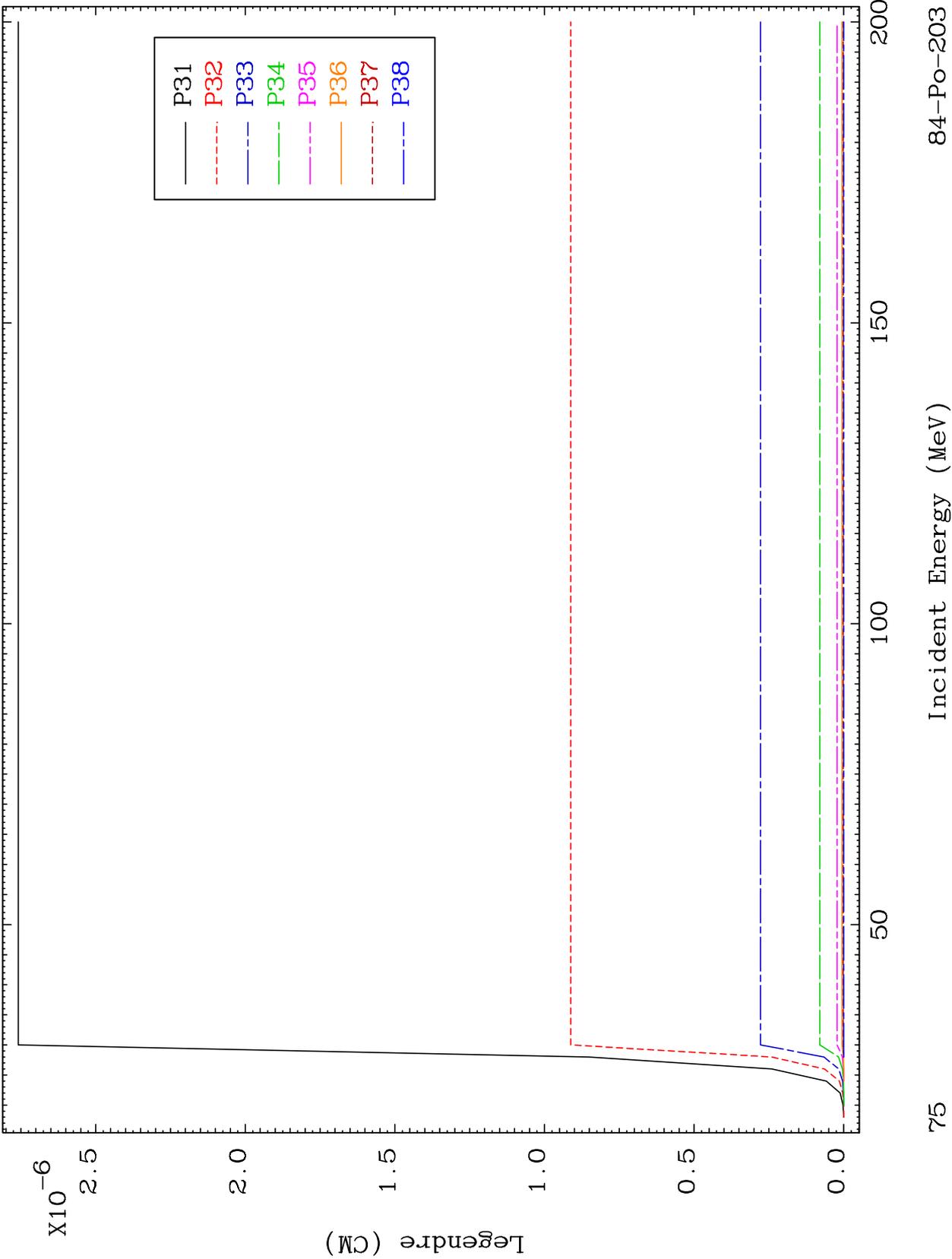
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



75

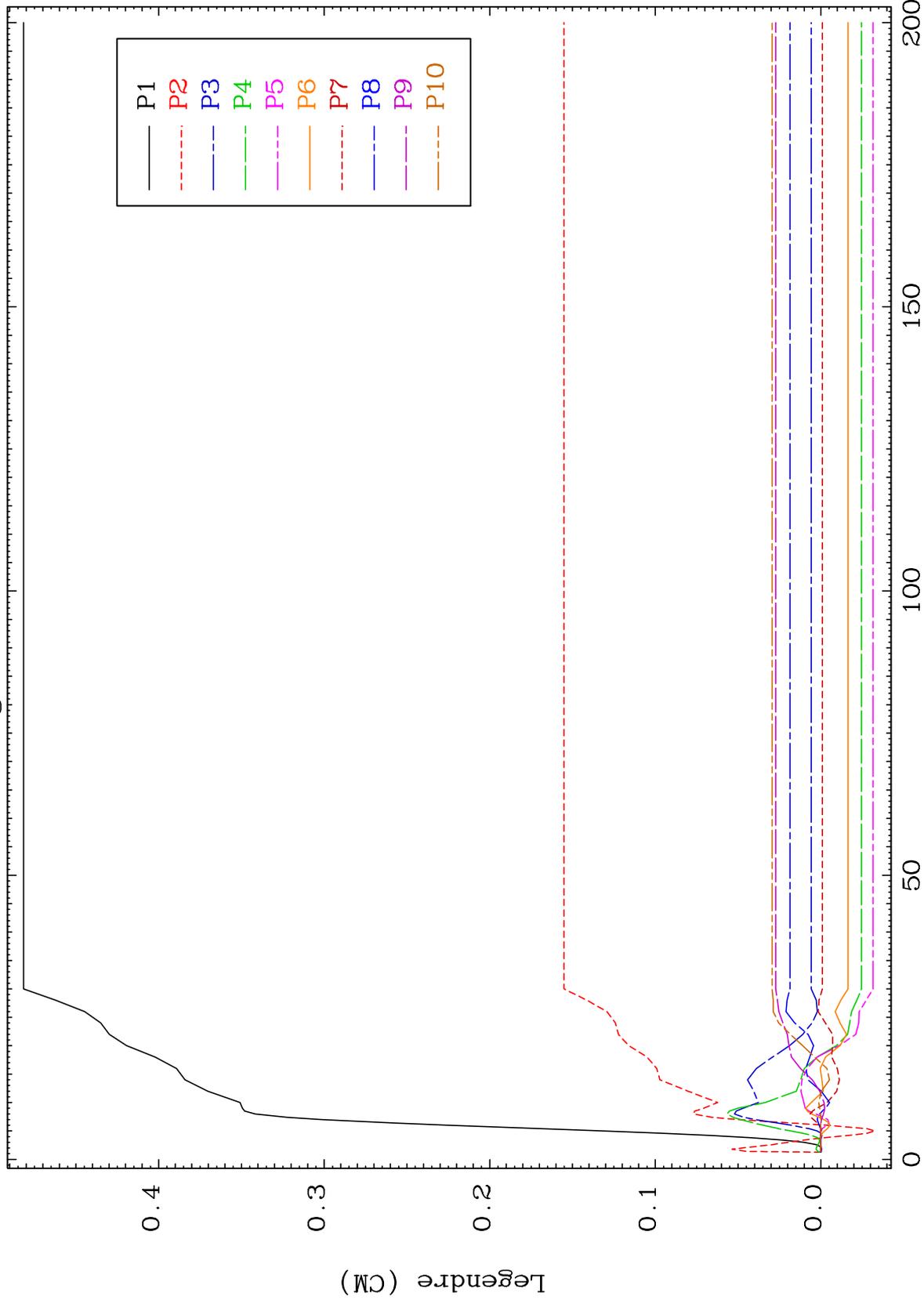
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



76

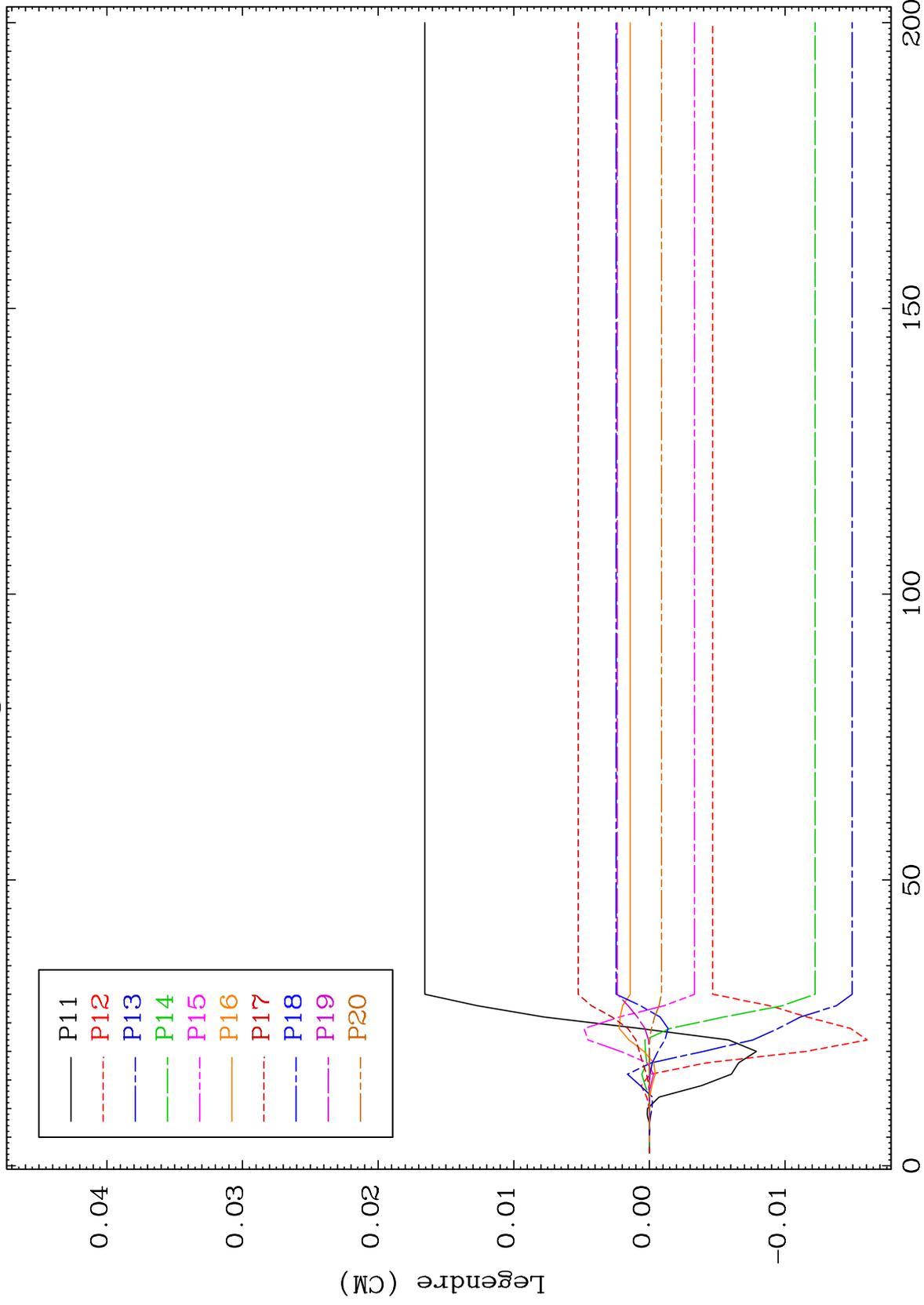
Incident Energy (MeV)

84-Po-203

MAT 8416

84-Po-203

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



77

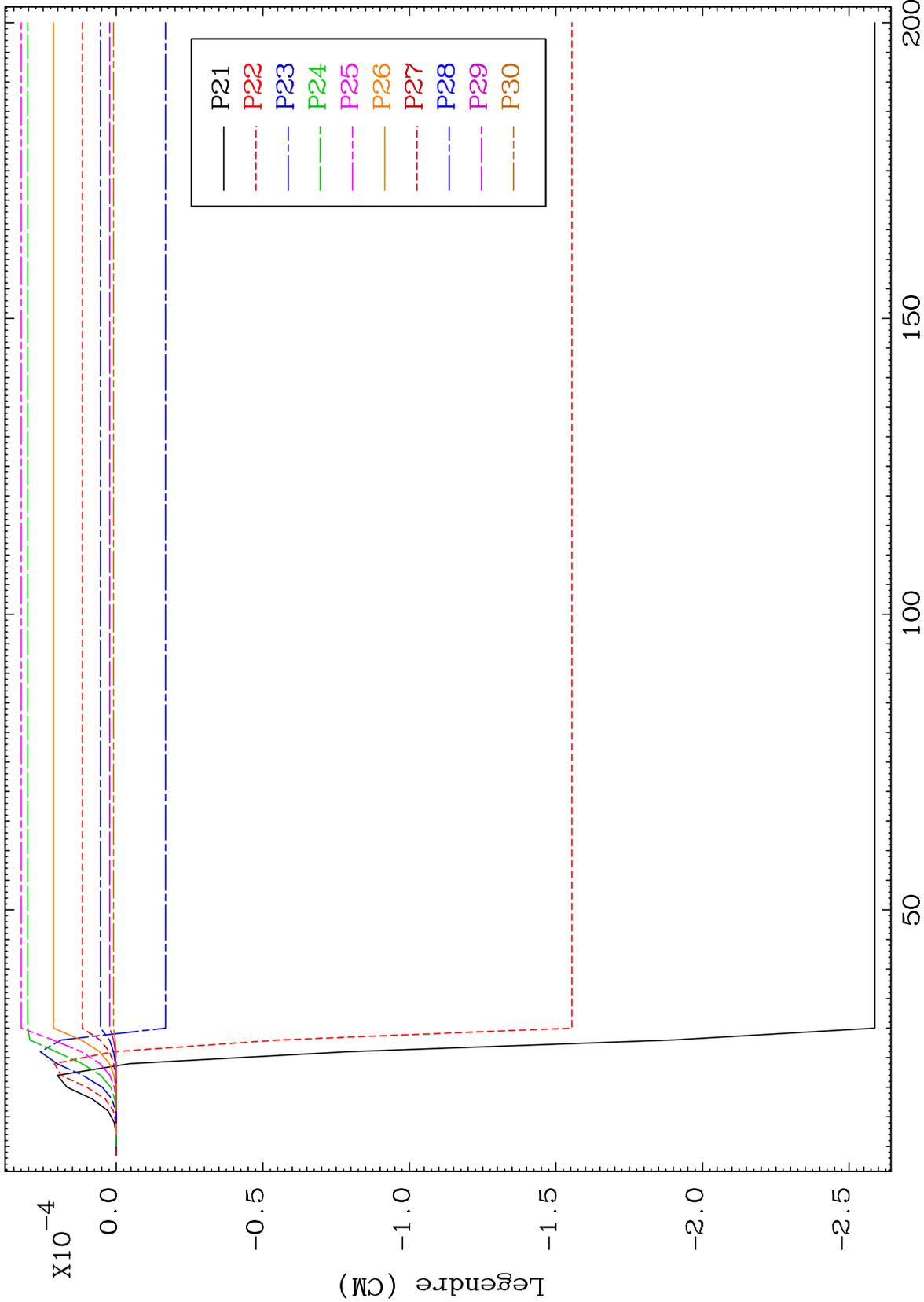
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



78

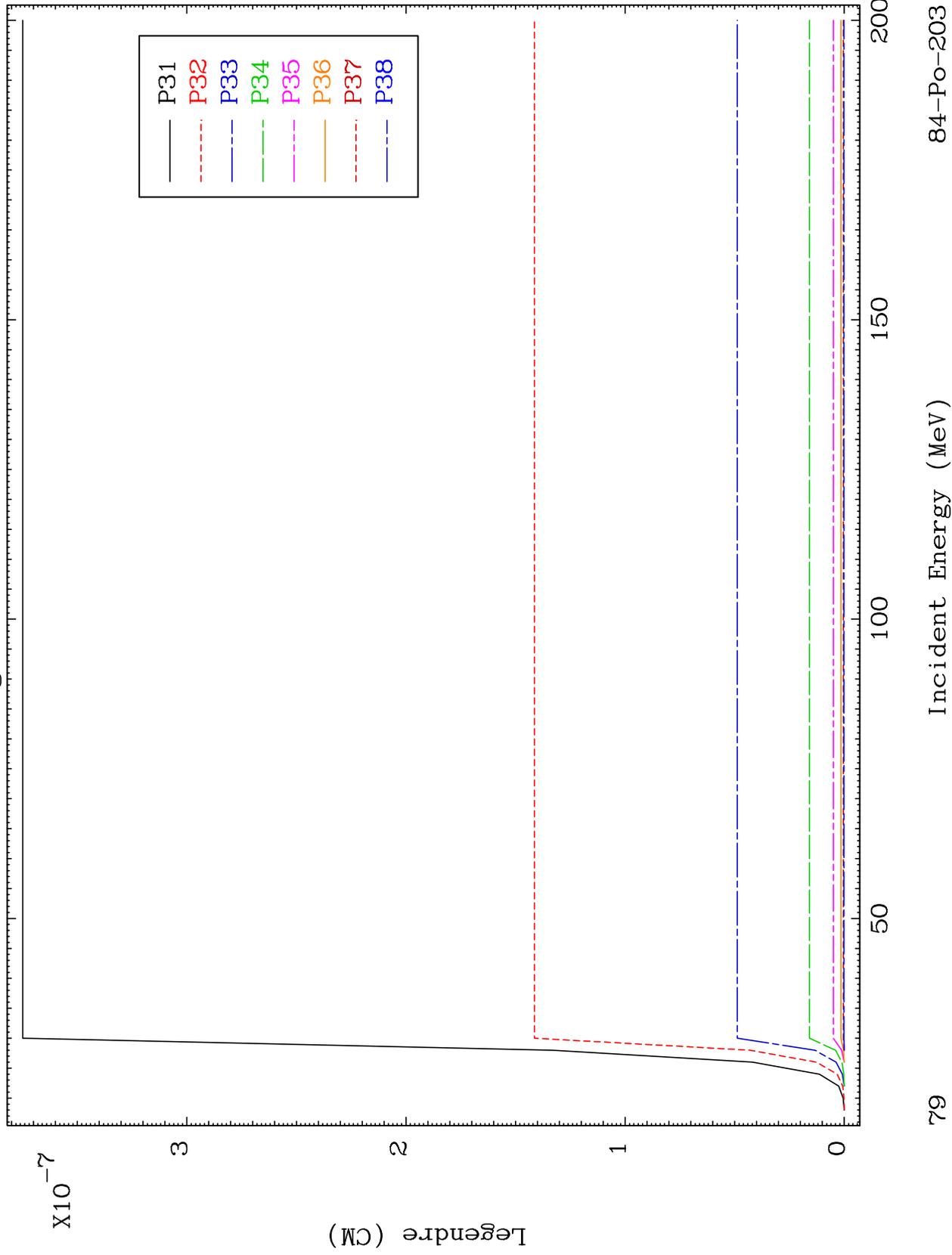
Incident Energy (MeV)

84-Po-203

MAT 8416

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

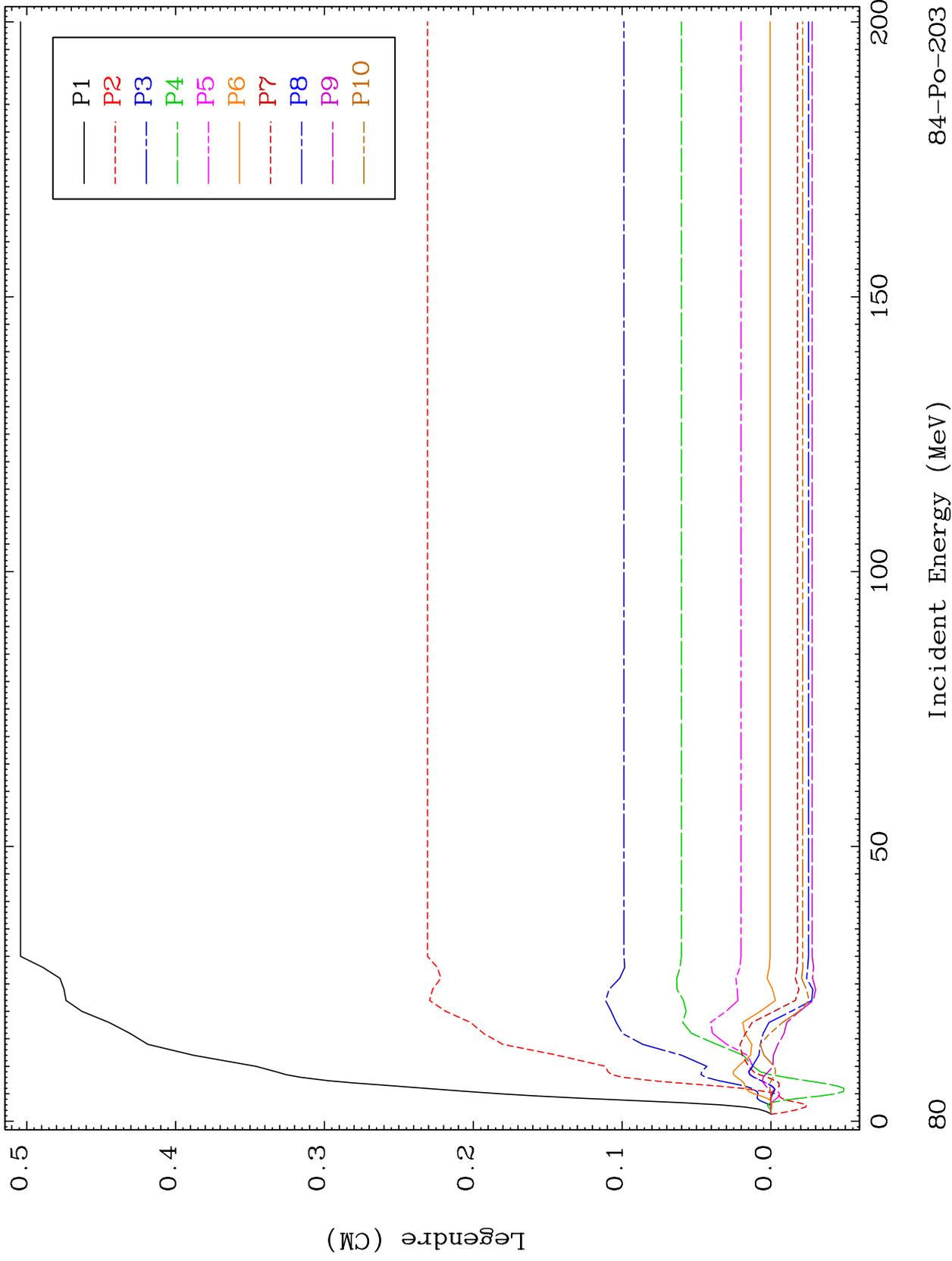
84-Po-203



MAT 8416

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

84-Po-203

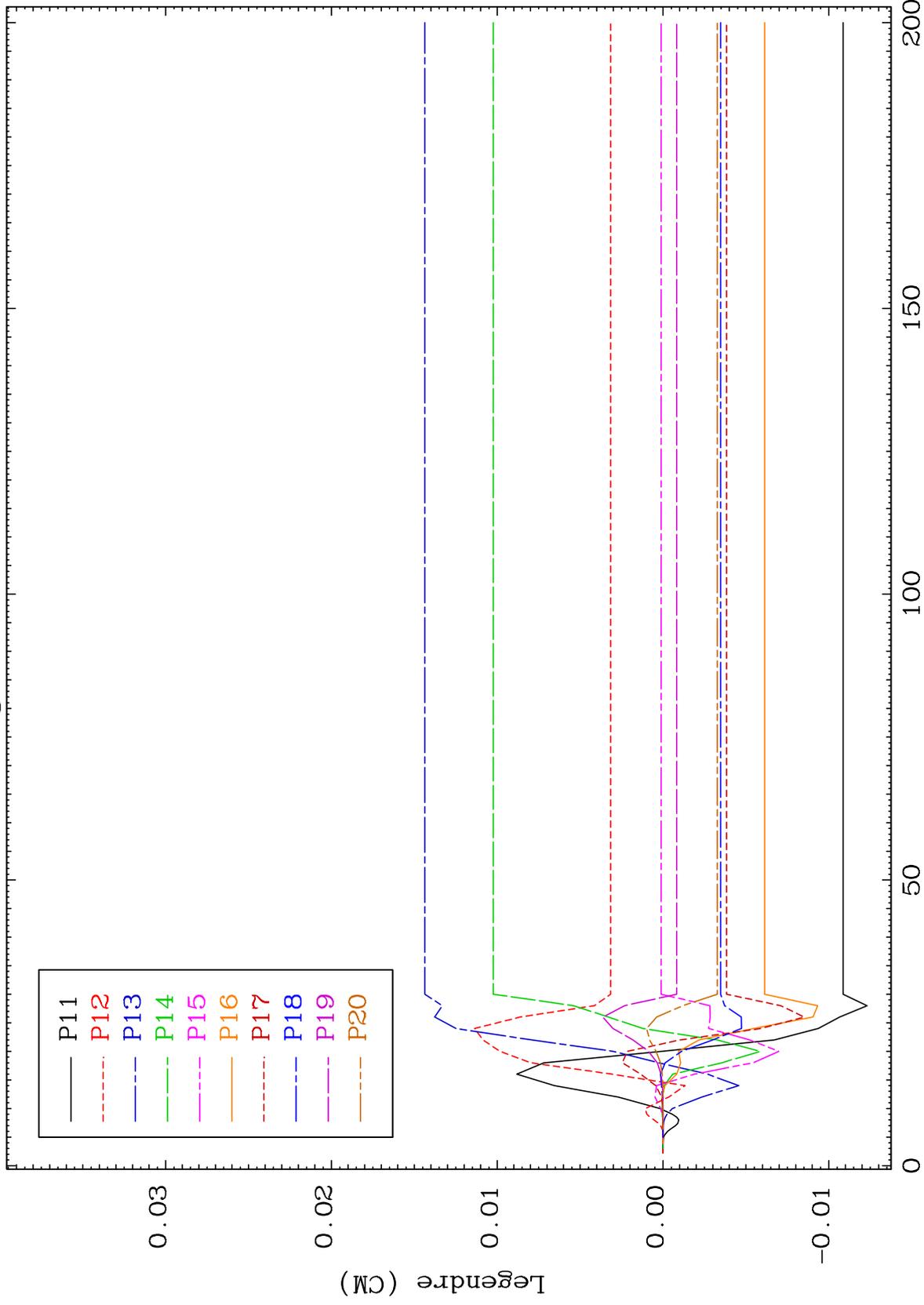


84-Po-203

MAT 8416

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

84-Po-203



81

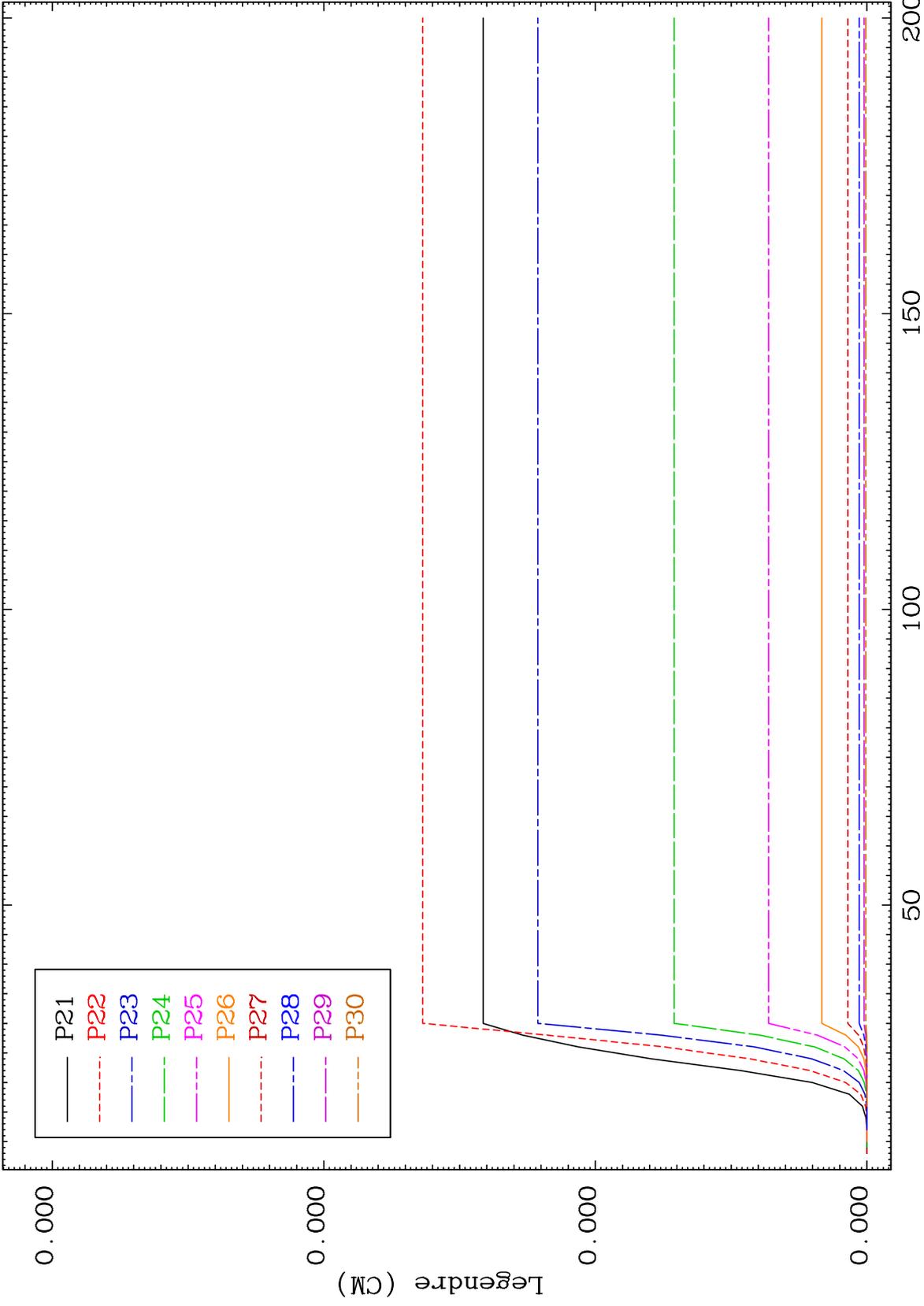
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



82

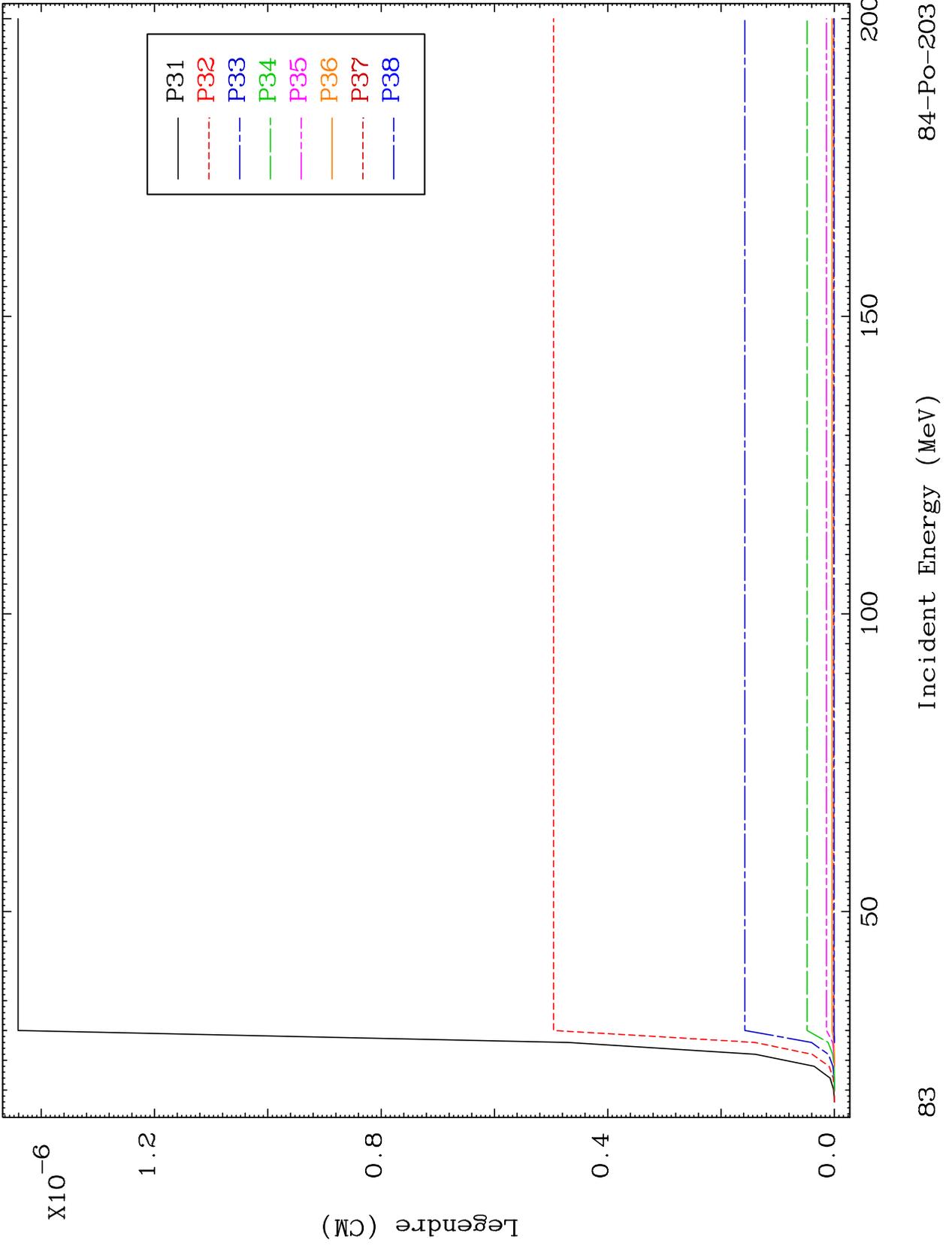
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203

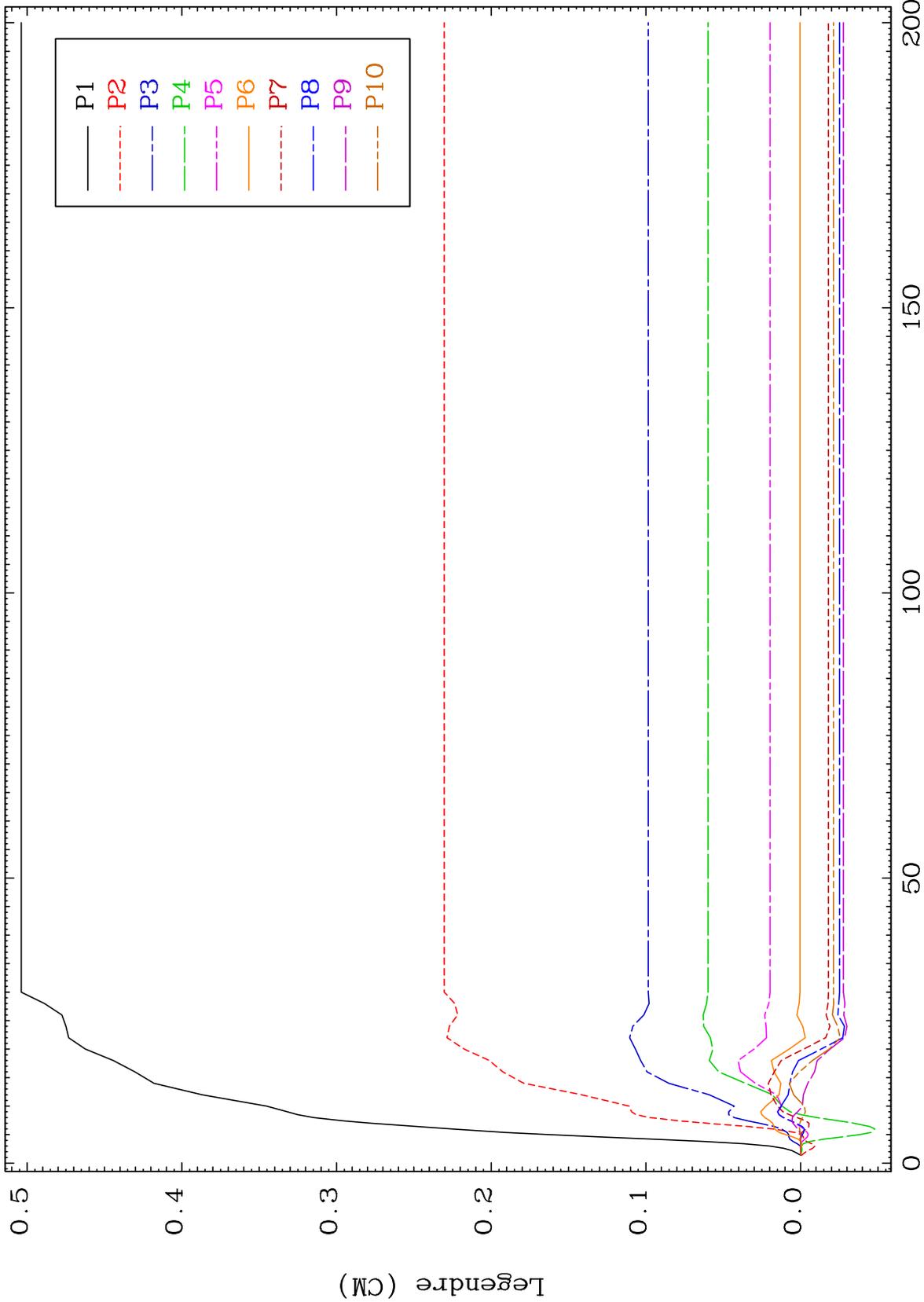


MAT 8416

MT= 67 (n,n') Level

84-Po-203

Legendre Coefficients



84

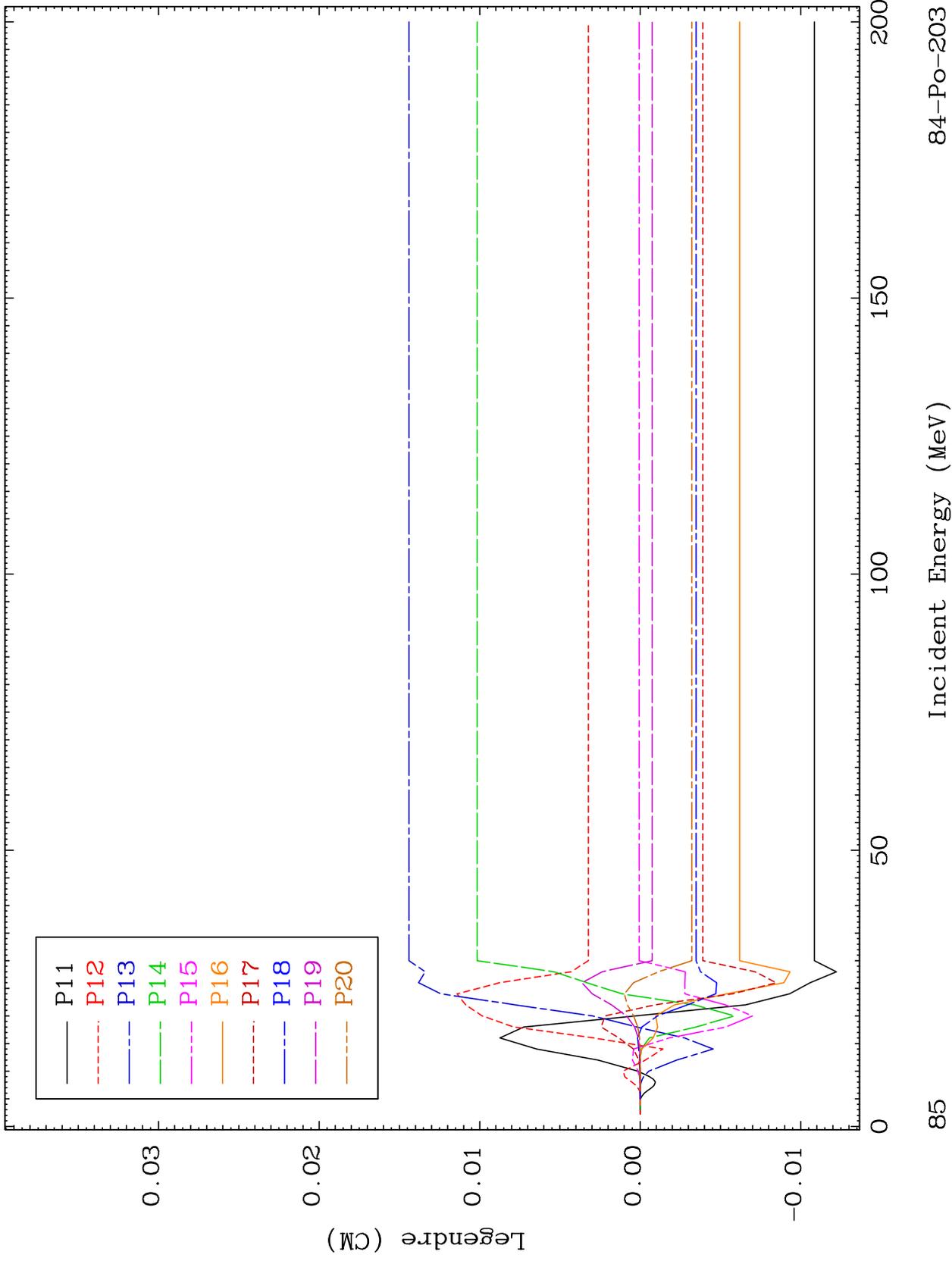
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



85

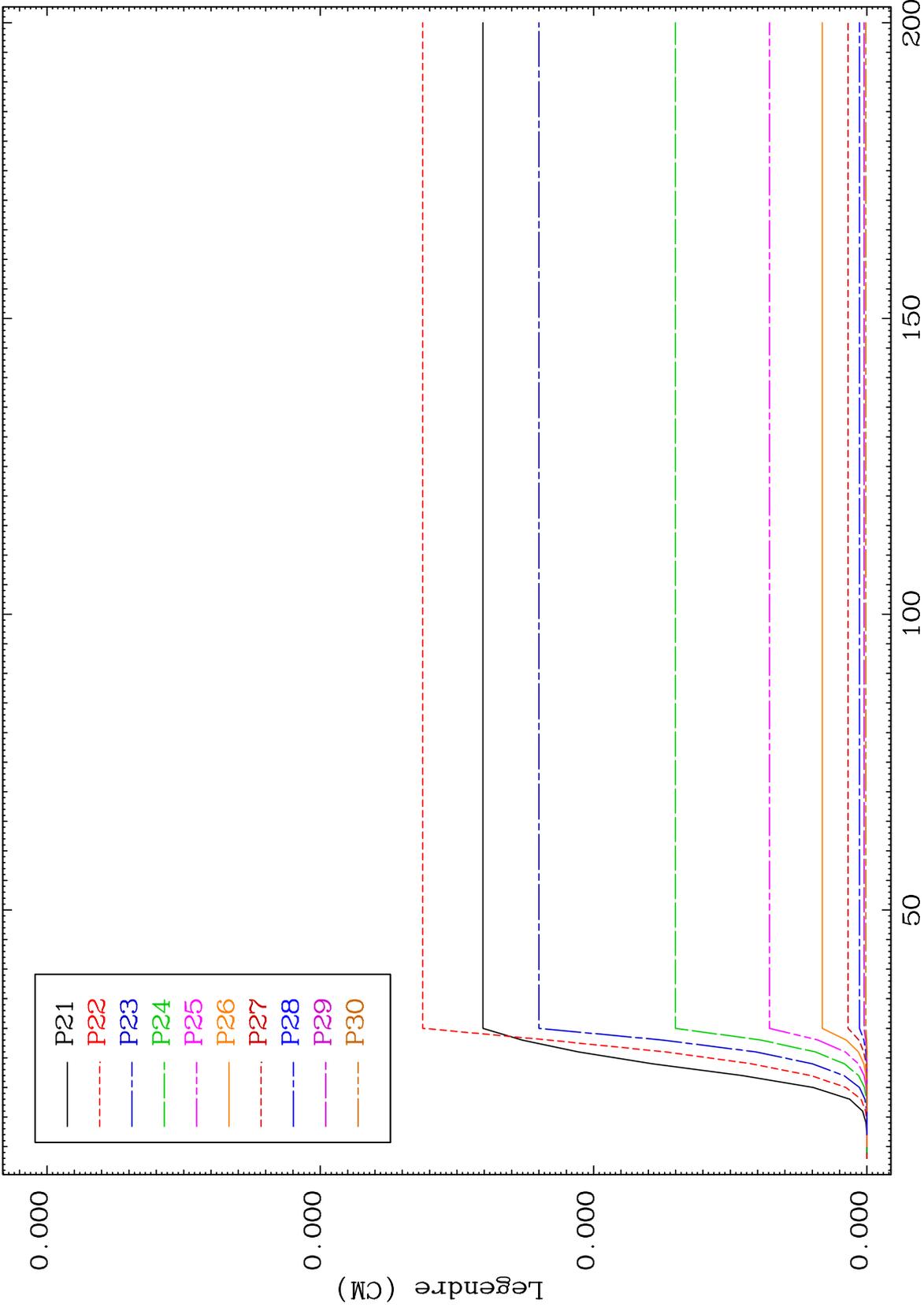
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



86

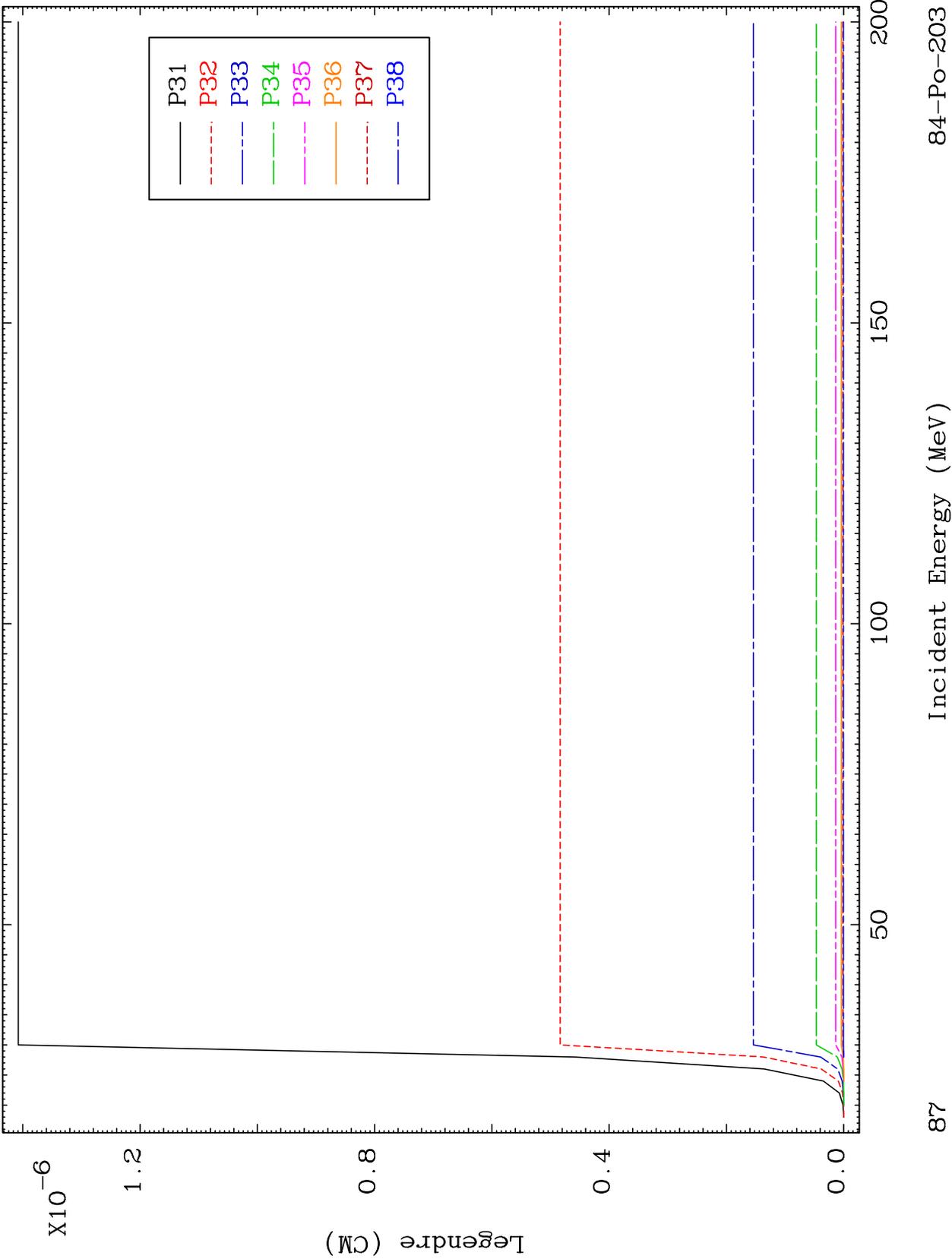
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



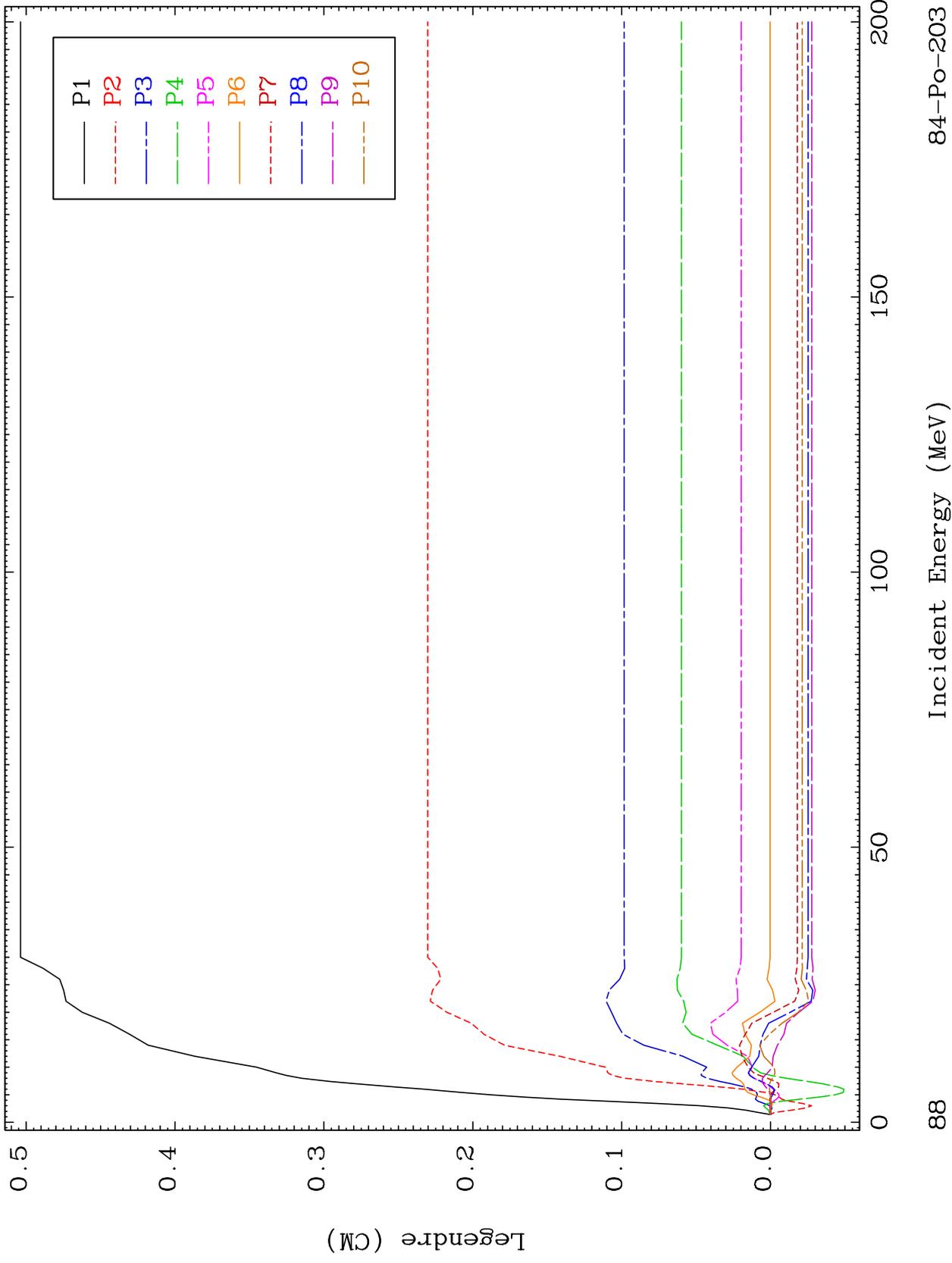
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84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

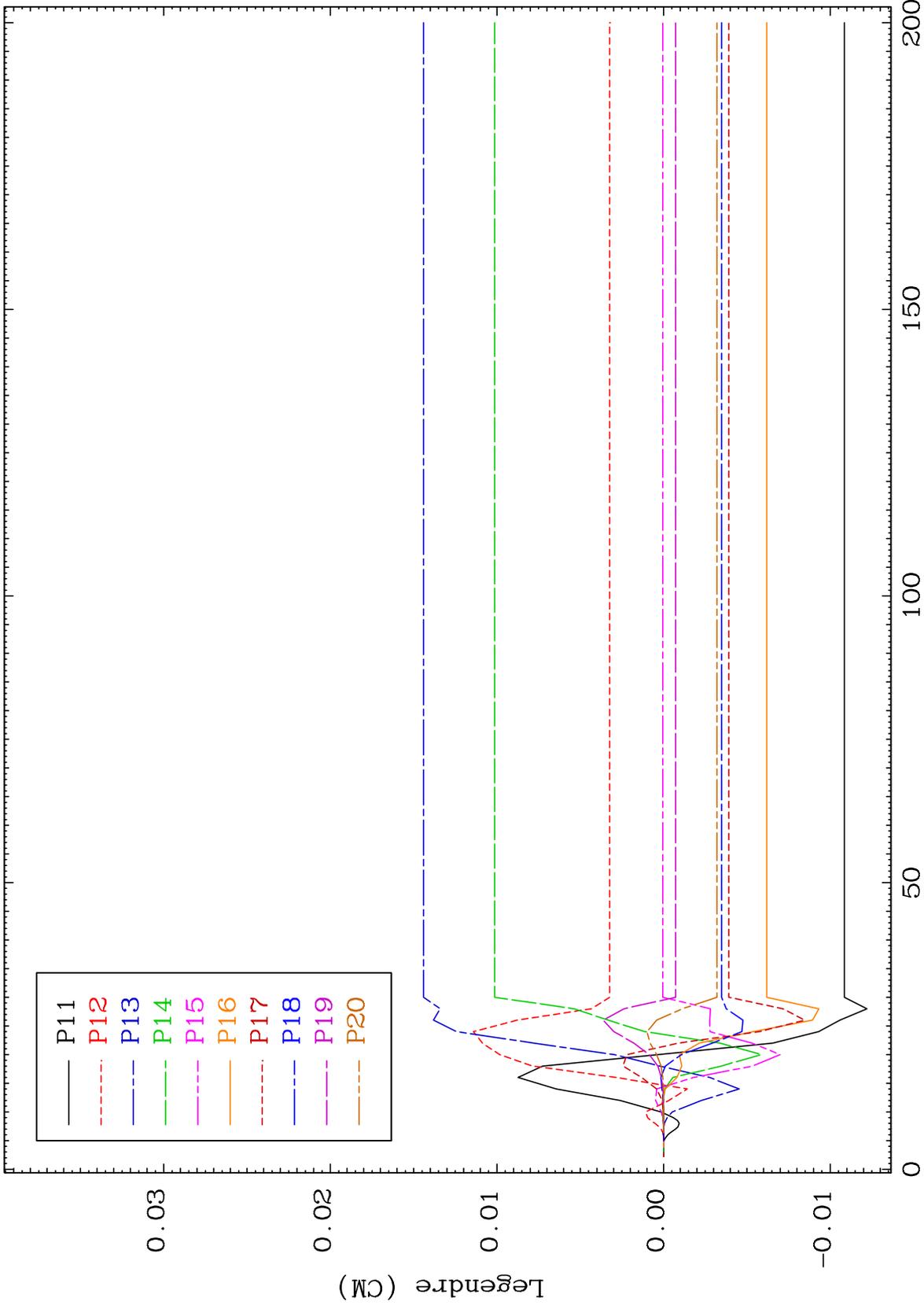
Incident Energy (MeV)

88

MAT 8416

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

84-Po-203



89

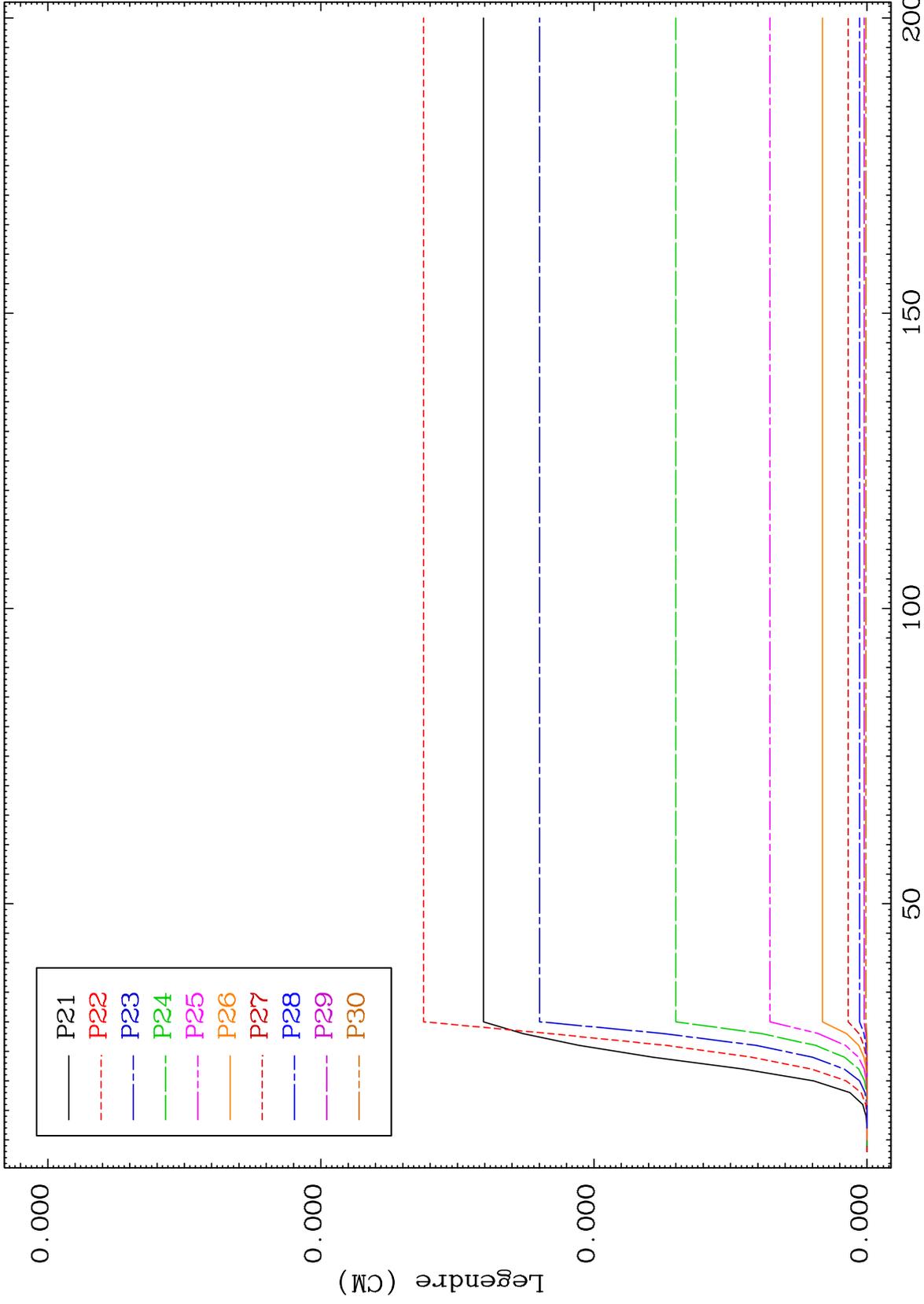
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



90

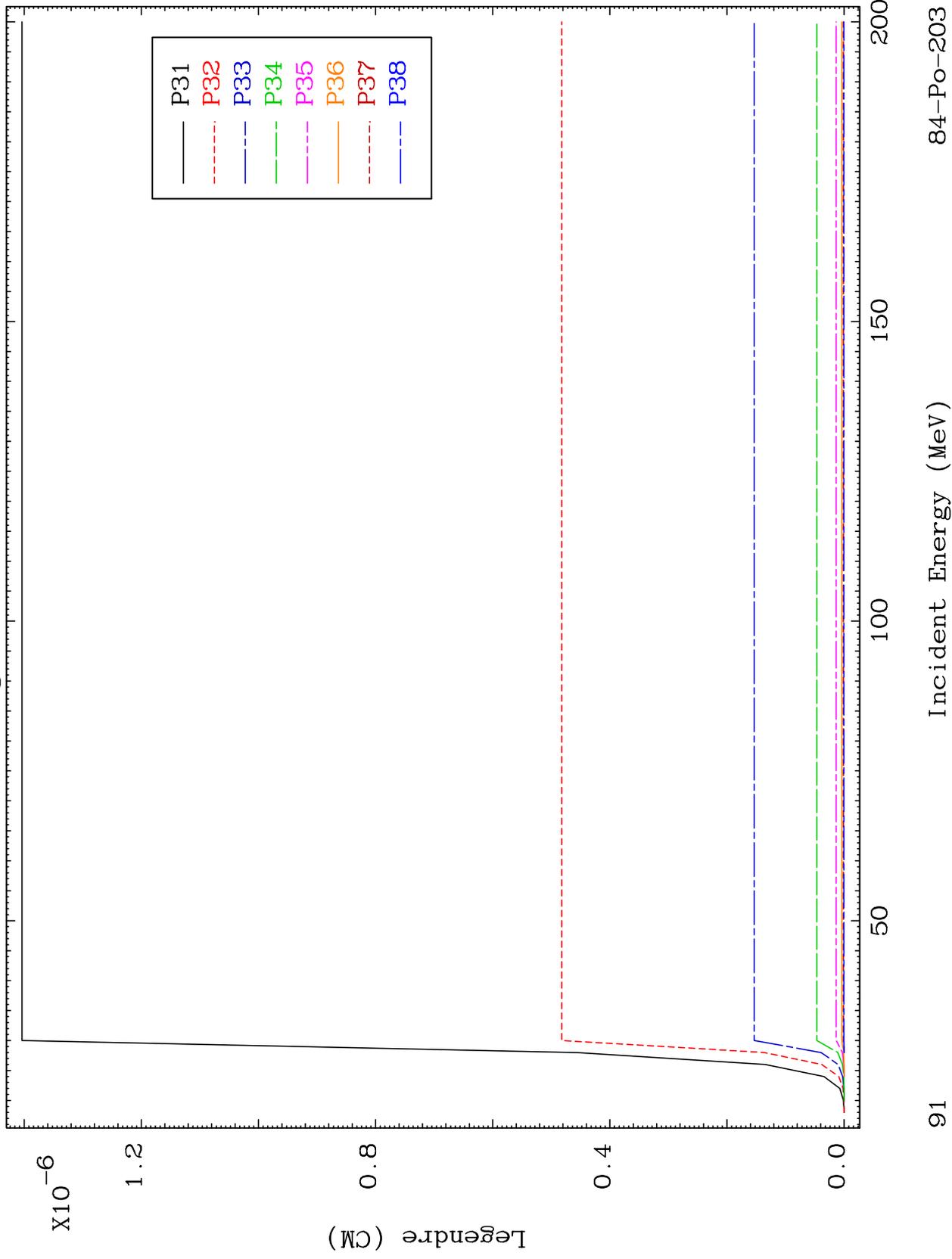
Incident Energy (MeV)

84-Po-203

MAT 8416

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

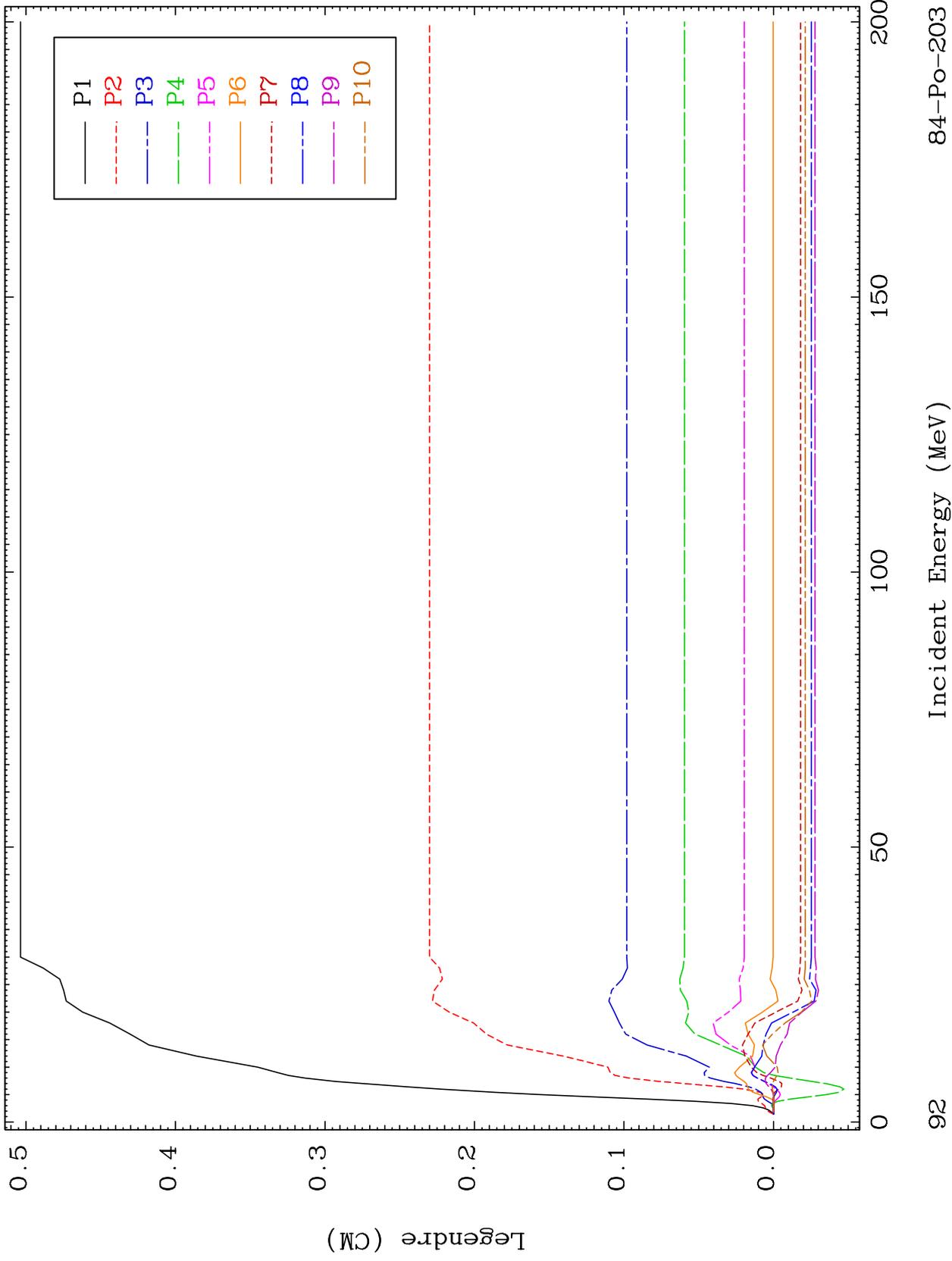
84-Po-203



MAT 8416

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

84-Po-203



84-Po-203

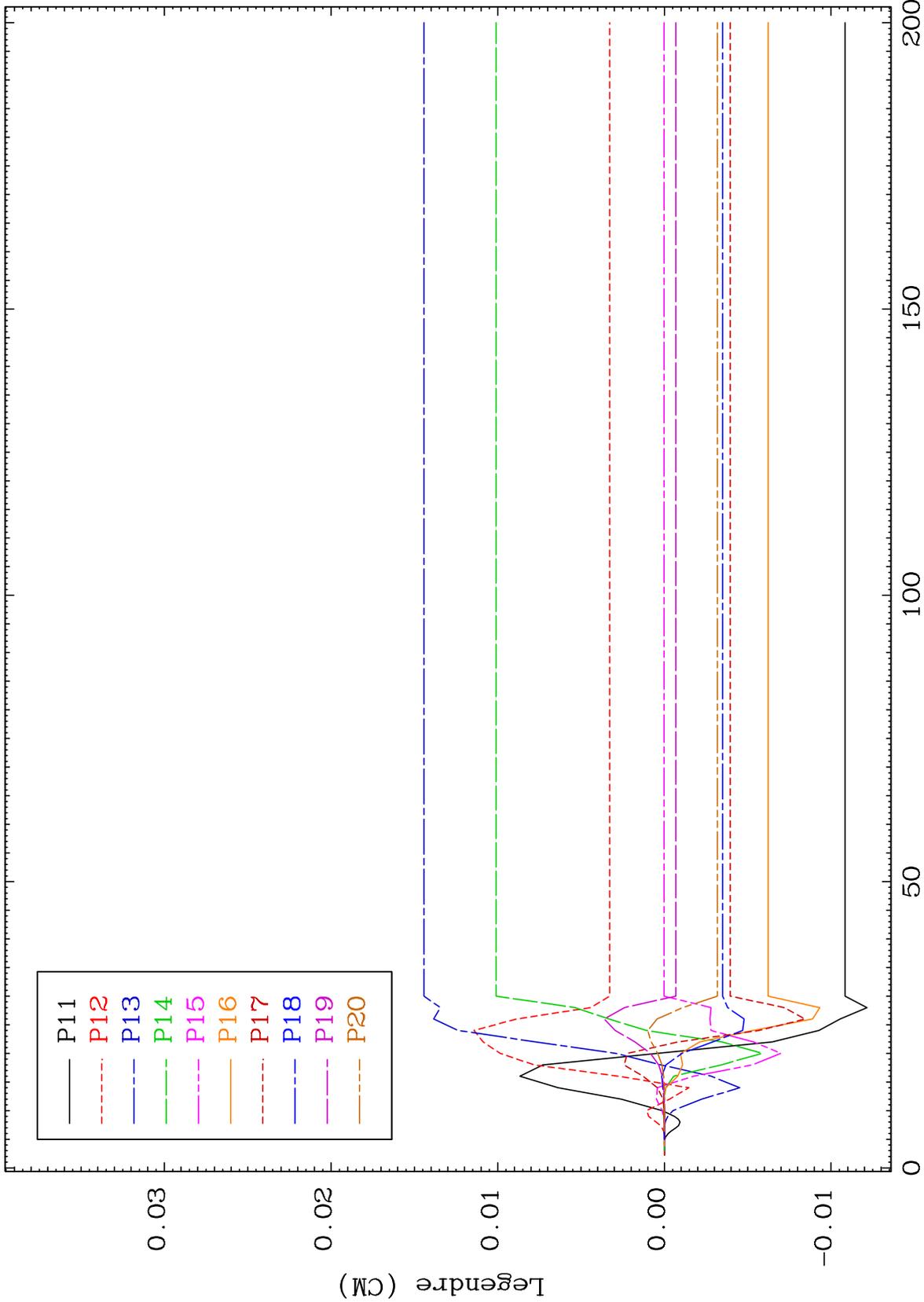
Incident Energy (MeV)

92

MAT 8416

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

84-Po-203



93

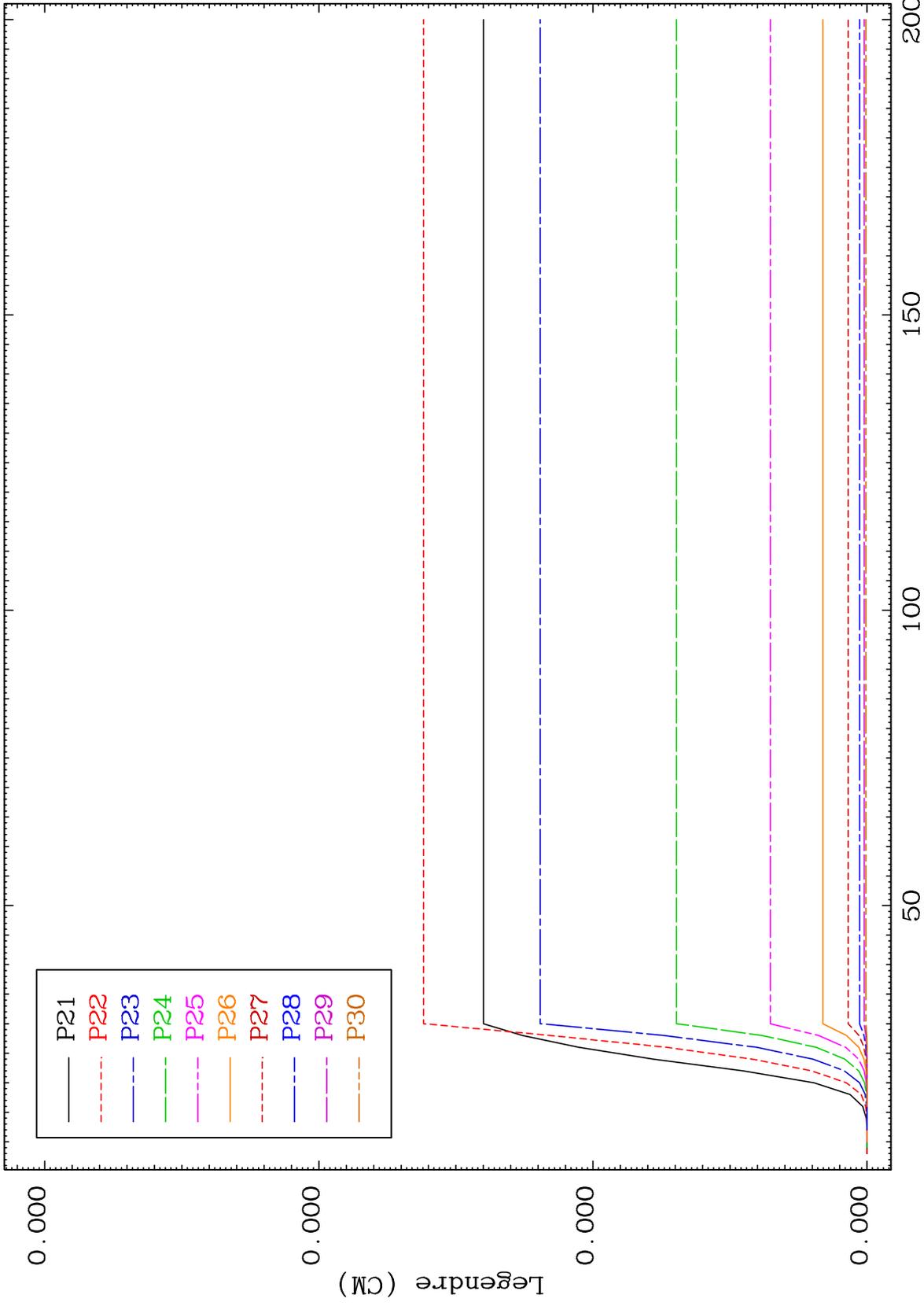
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



94

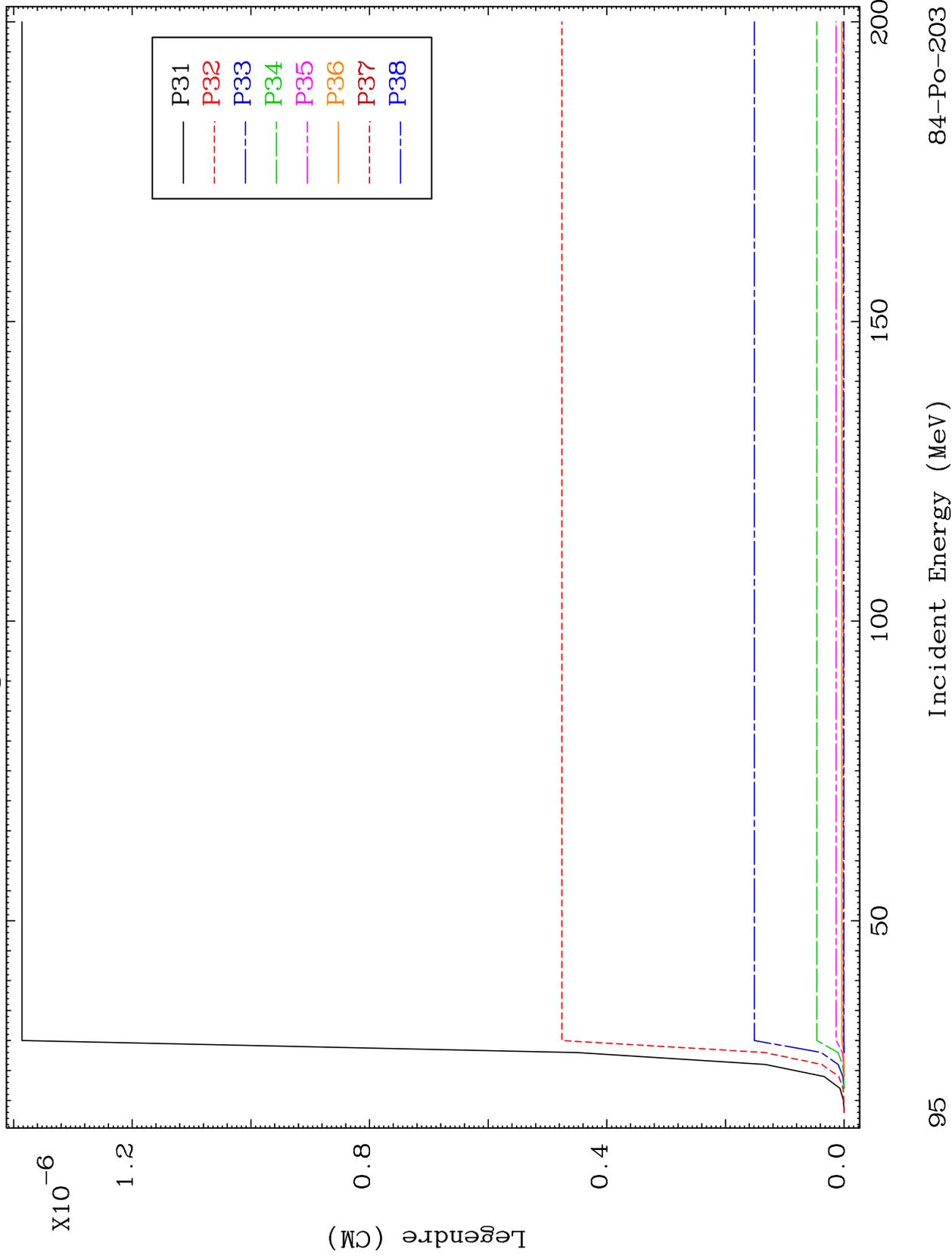
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

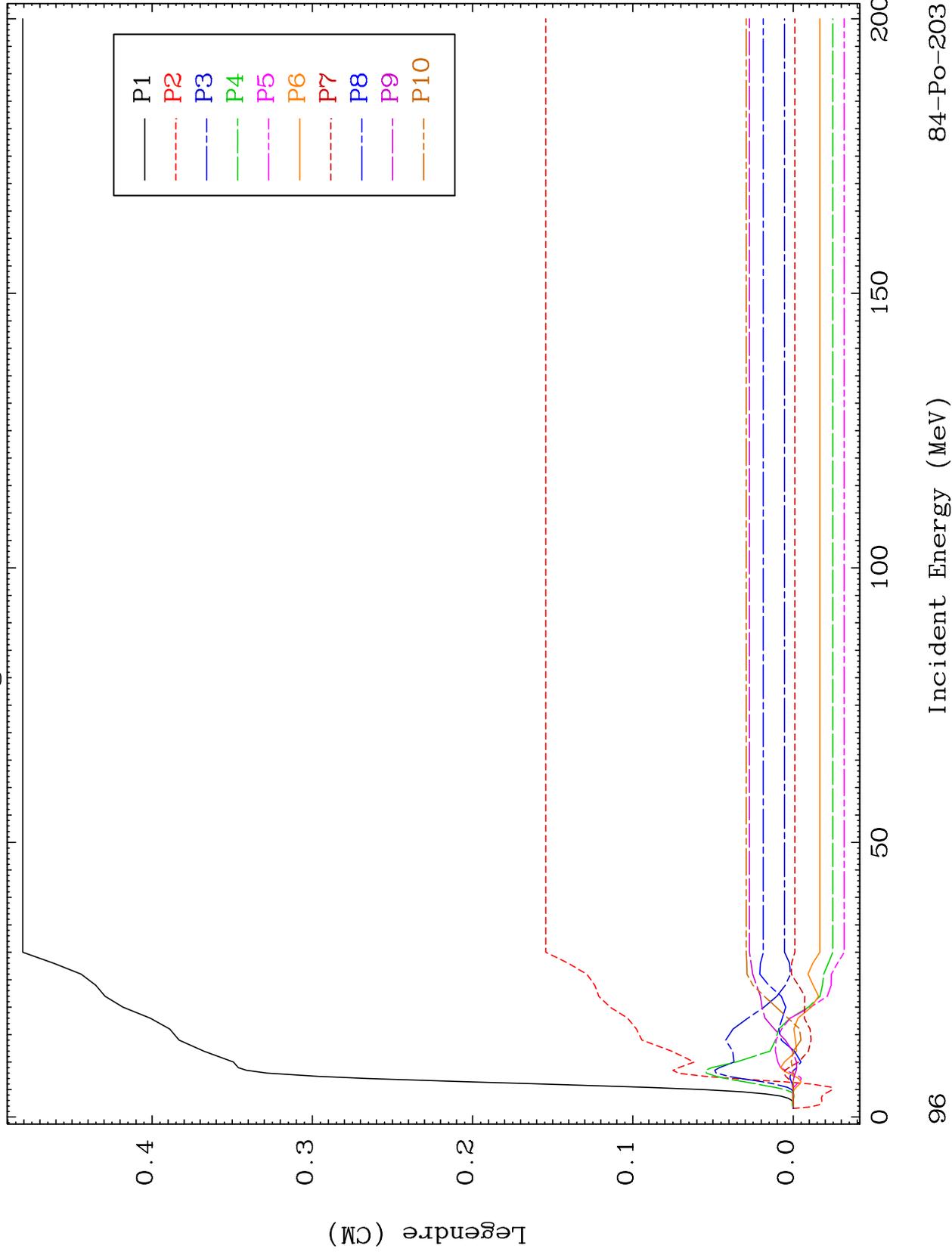
Incident Energy (MeV)

95

MAT 8416

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

84-Po-203



96

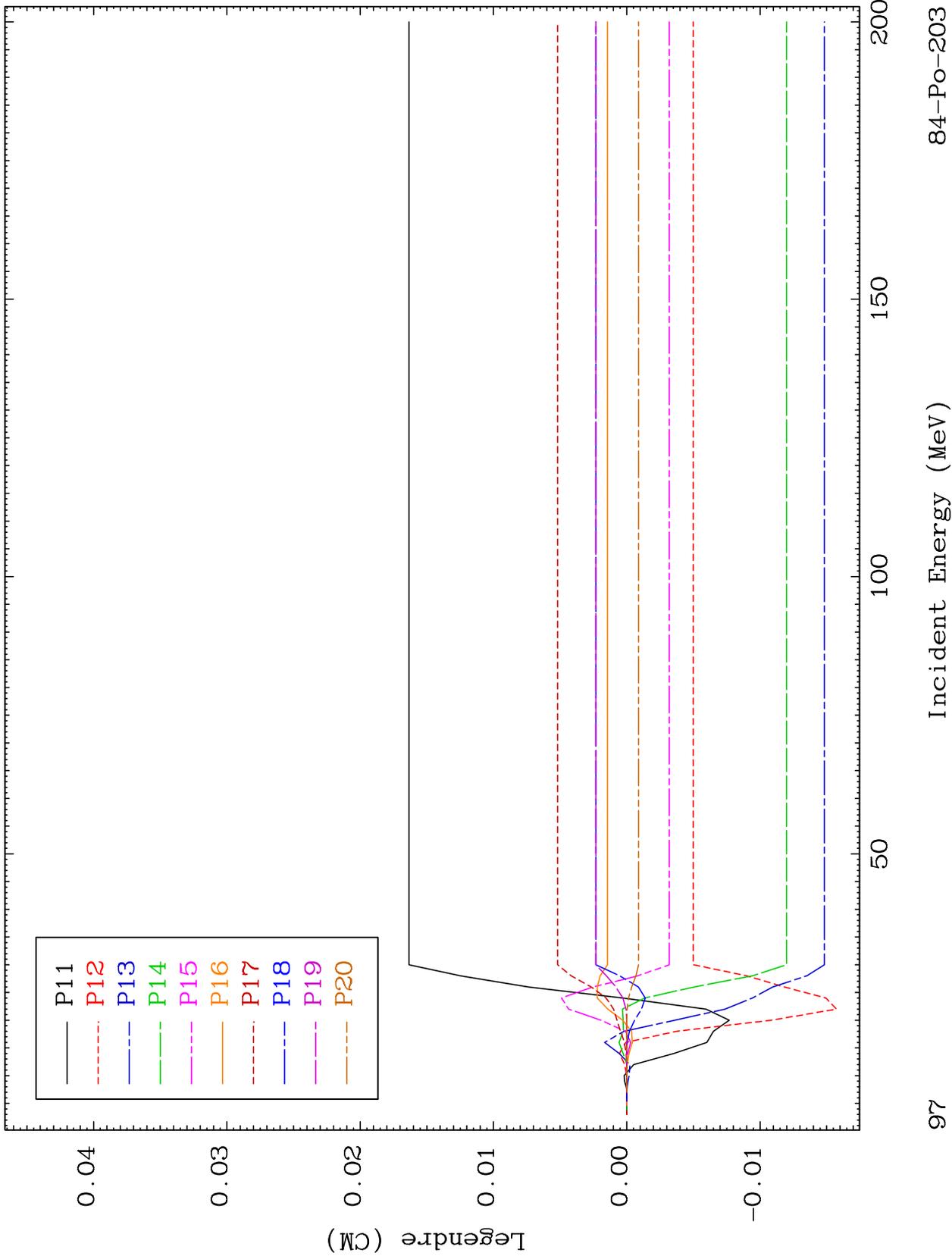
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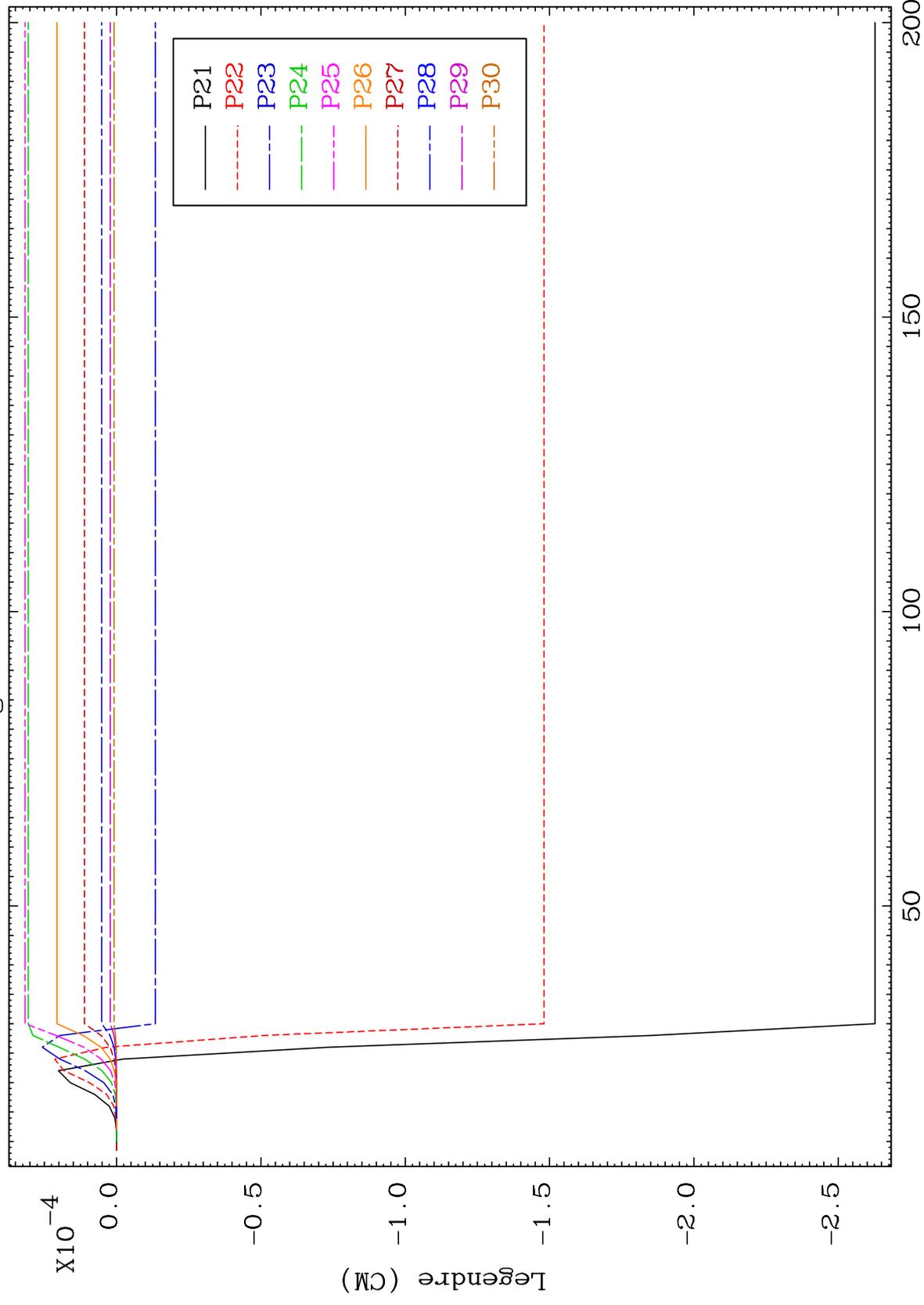
84-Po-203

MAT 8416

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

84-Po-203

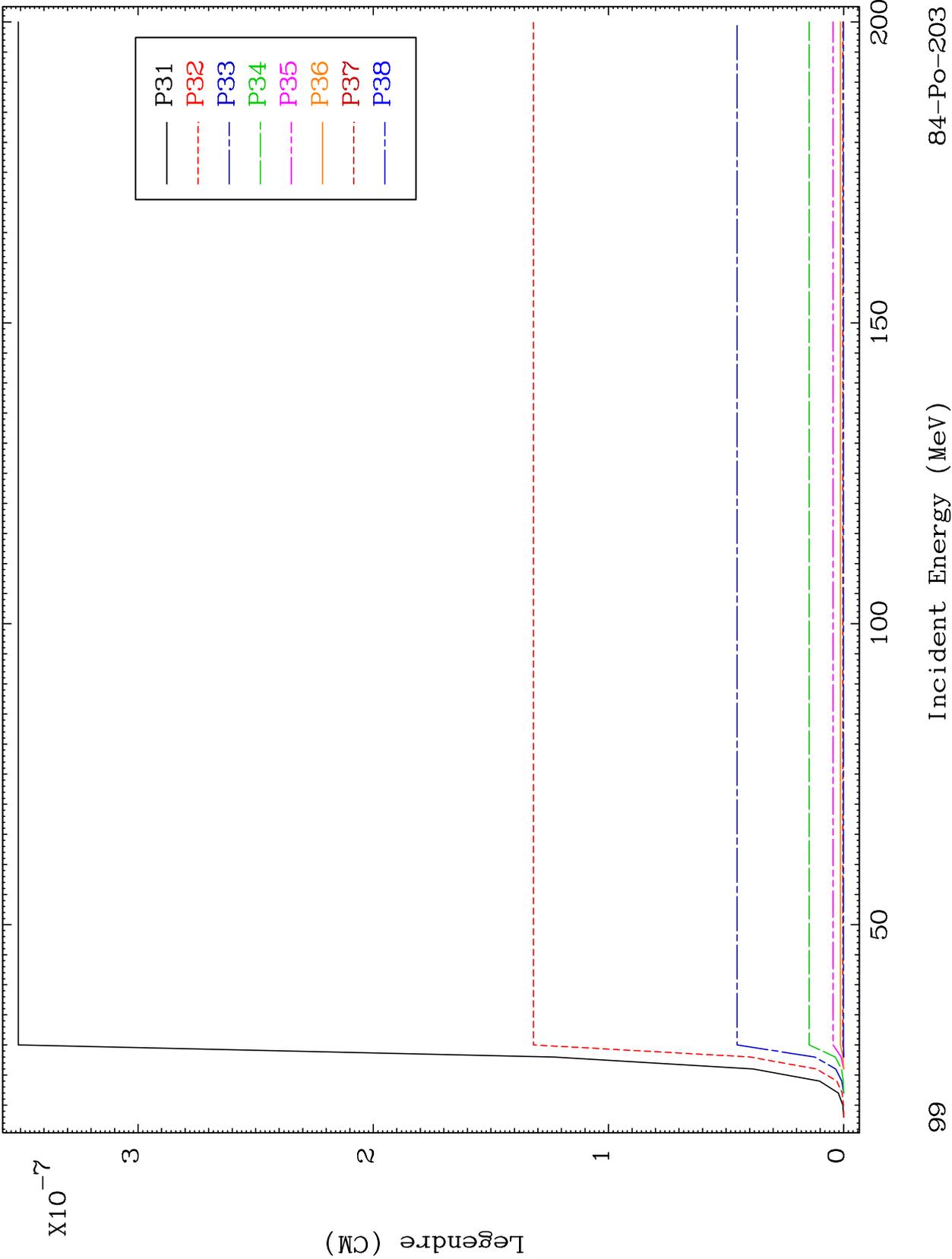




MAT 8416

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

84-Po-203



99

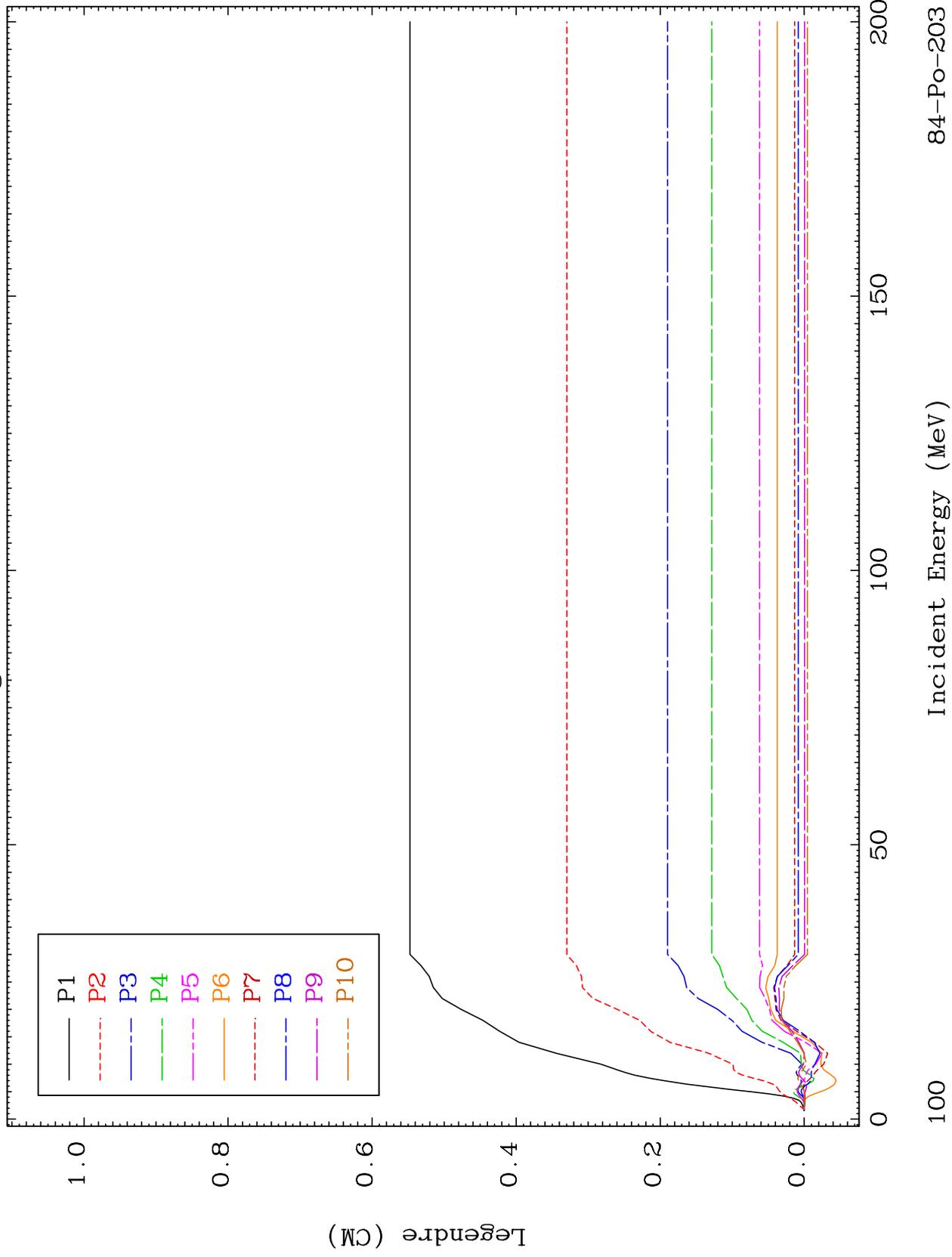
Incident Energy (MeV)

84-Po-203

MAT 8416

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

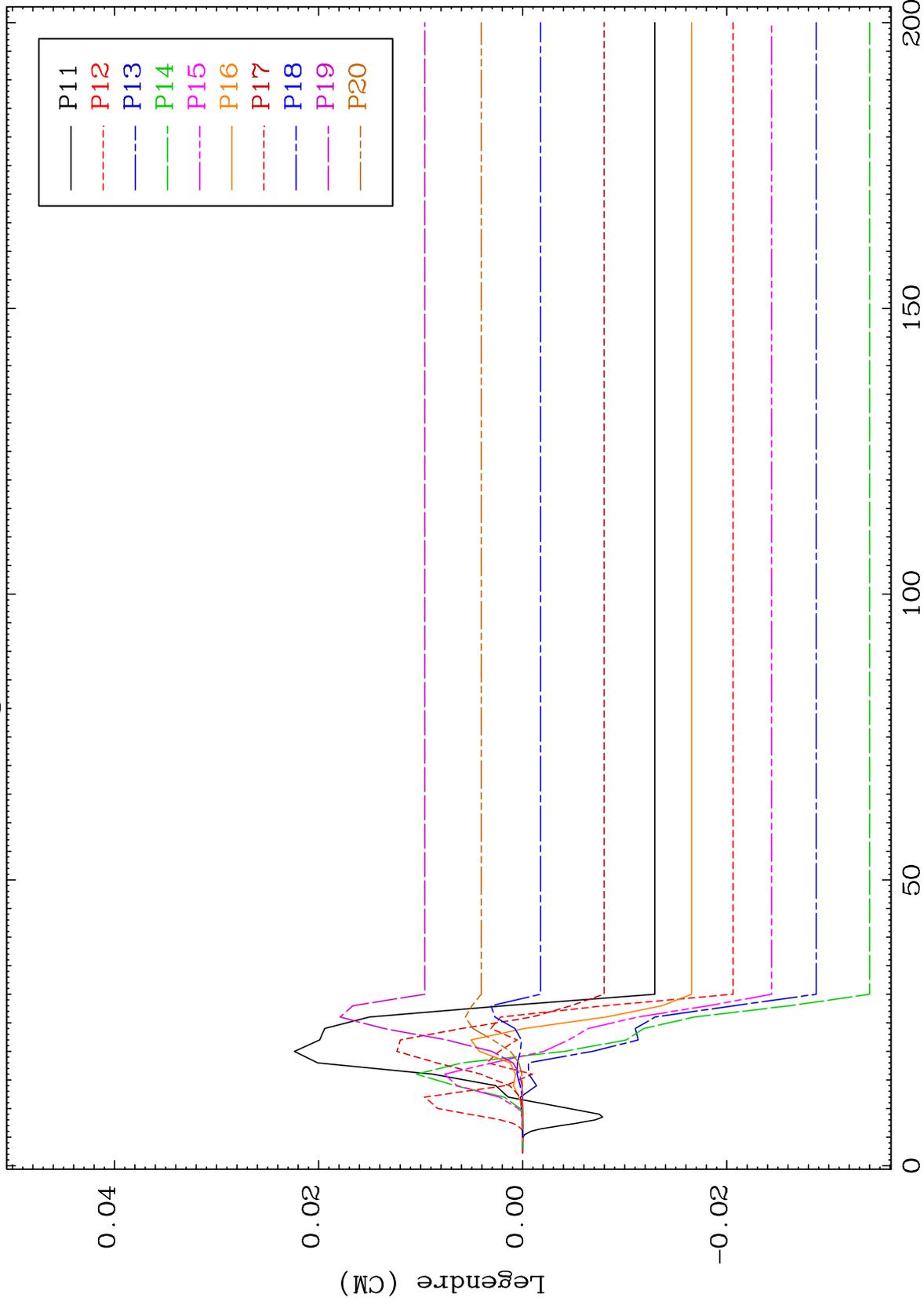
84-Po-203



MAT 8416

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

84-Po-203



101

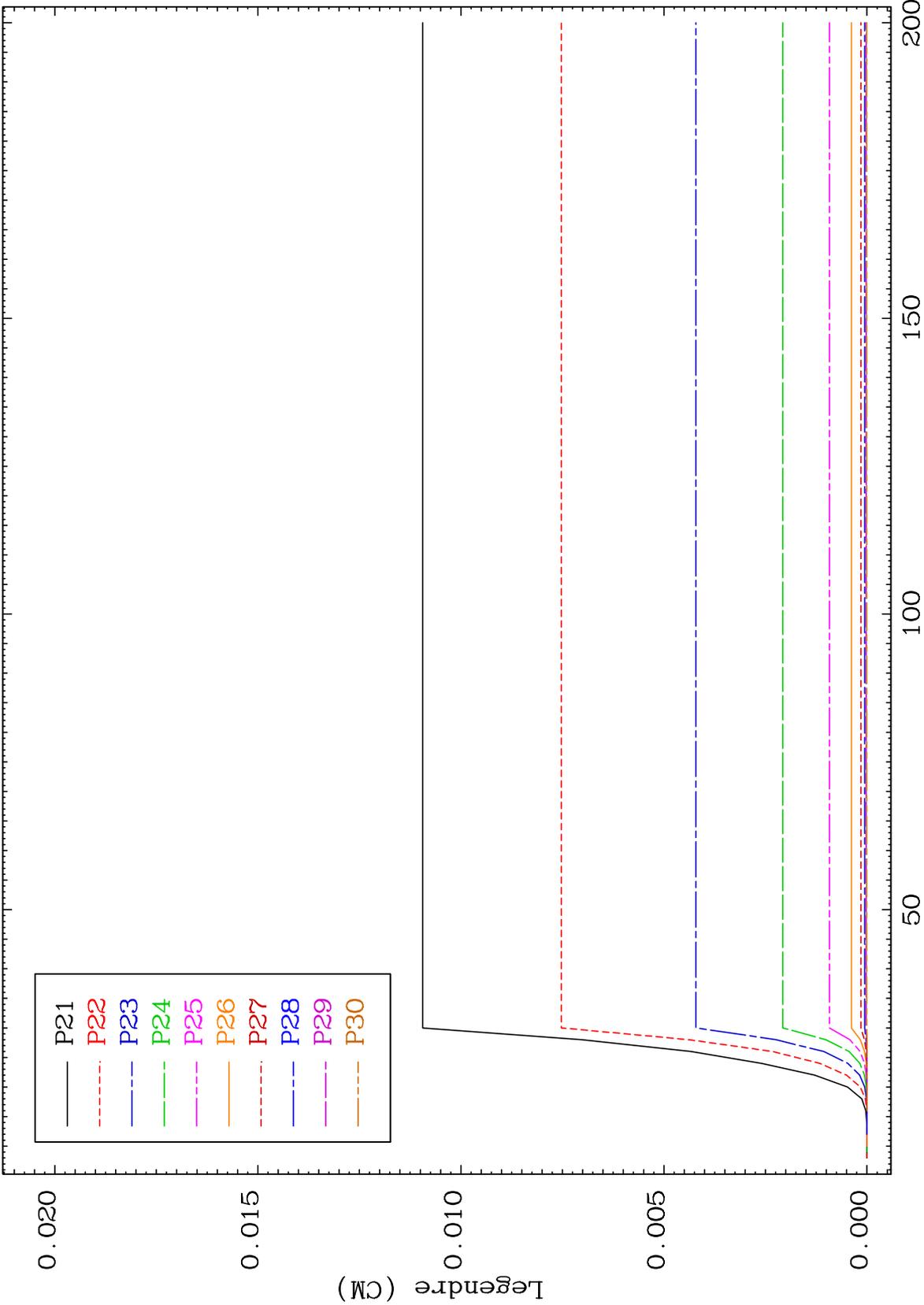
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



102

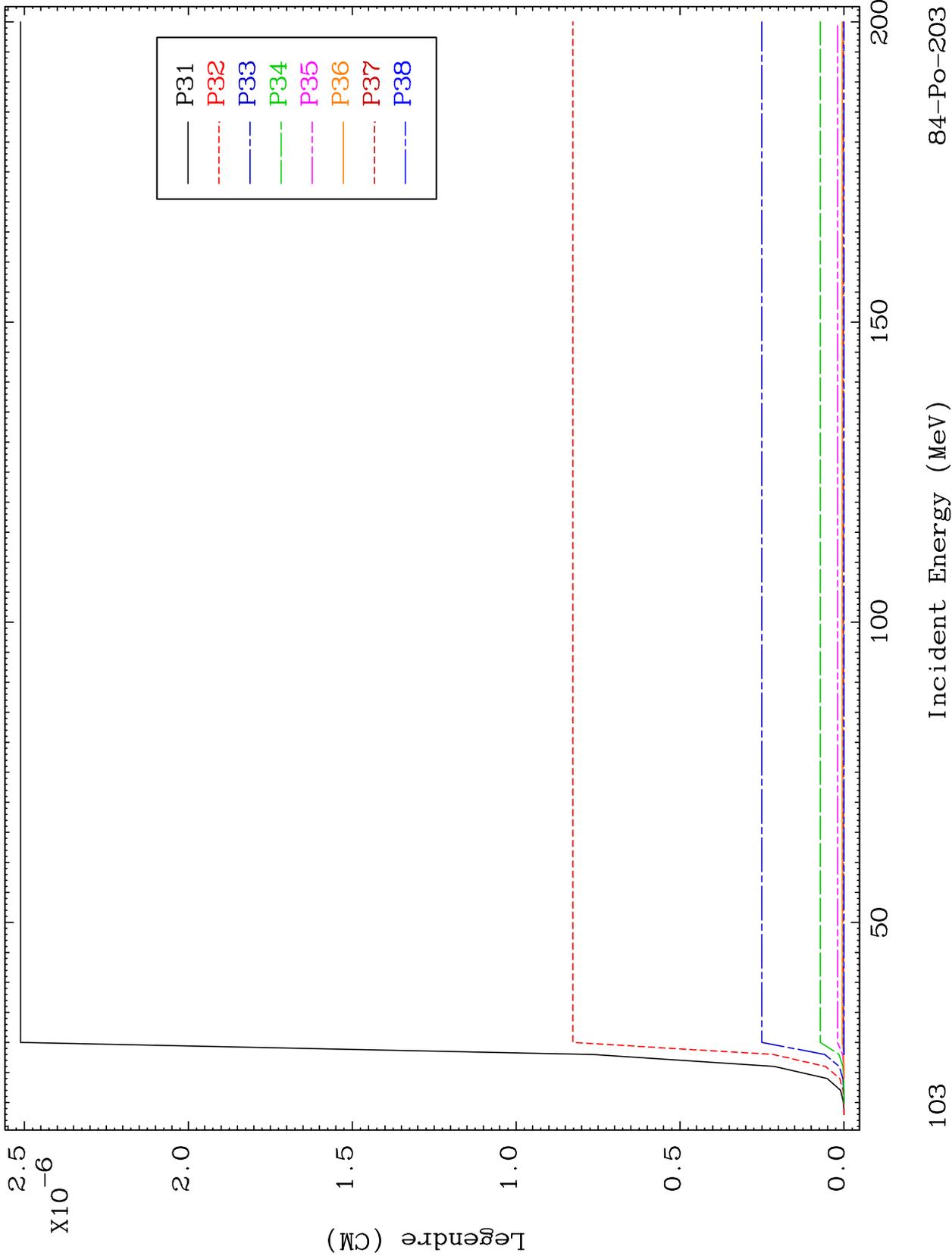
Incident Energy (MeV)

84-Po-203

MAT 8416

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

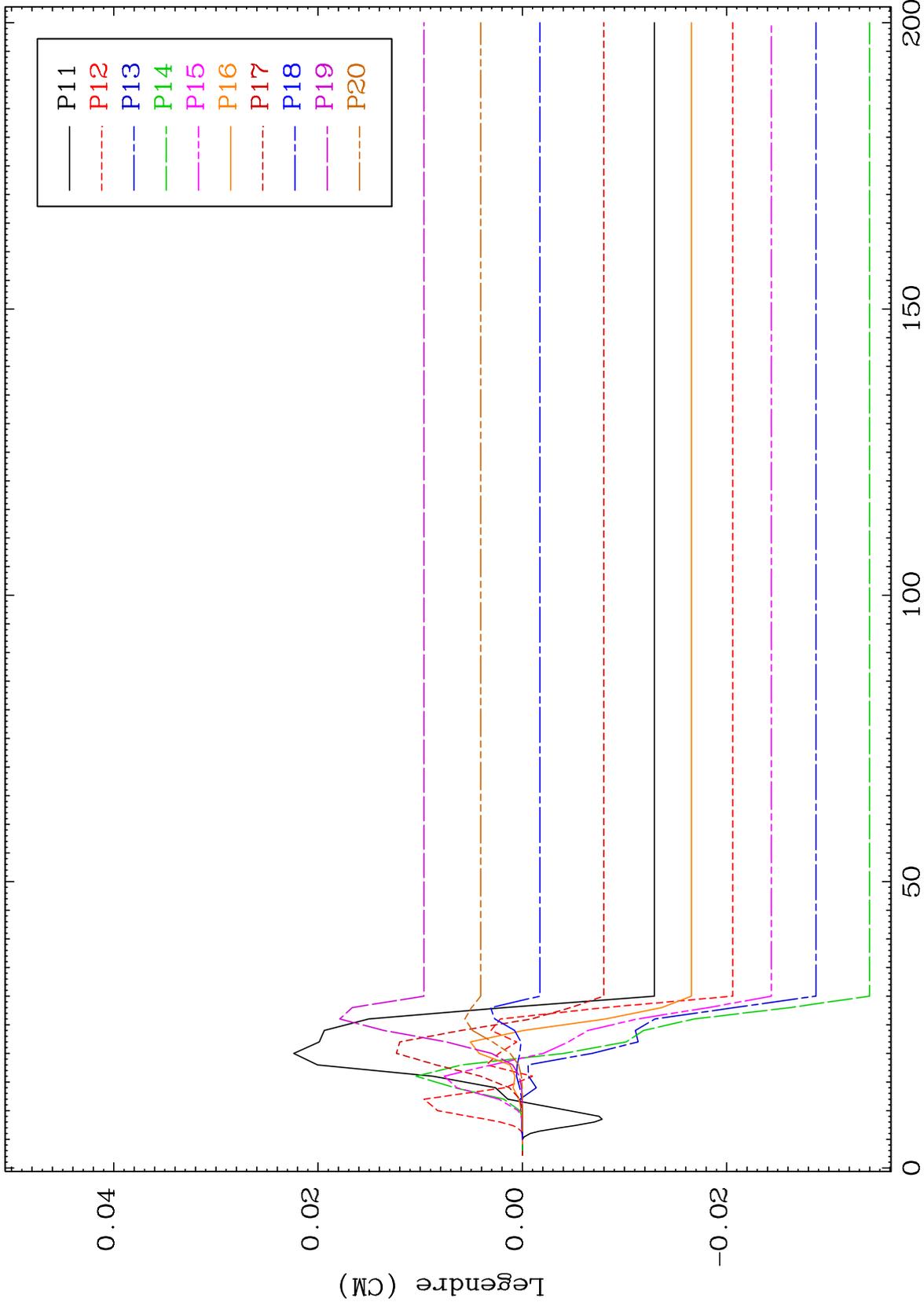
84-Po-203



MAT 8416

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

84-Po-203



105

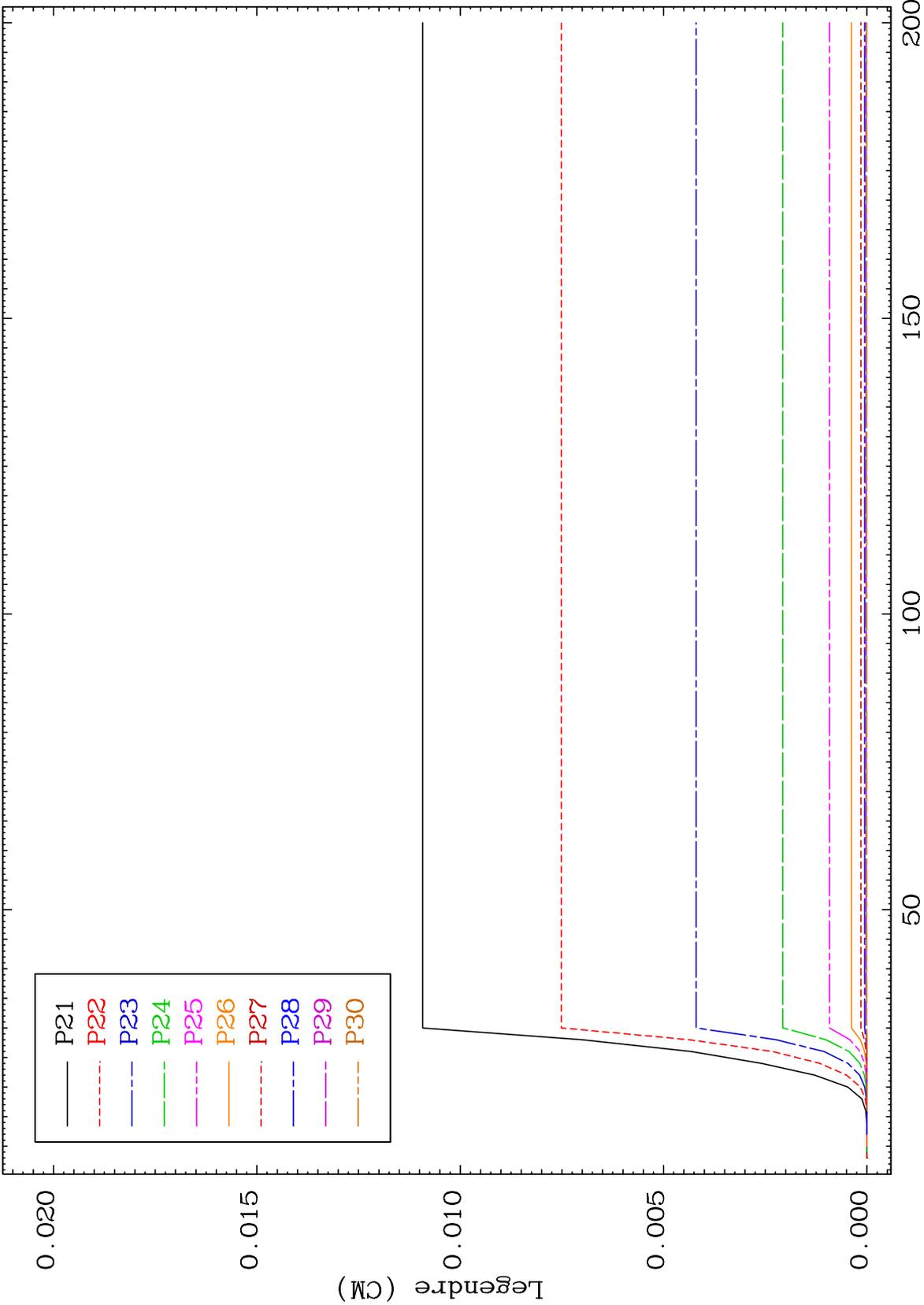
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



106

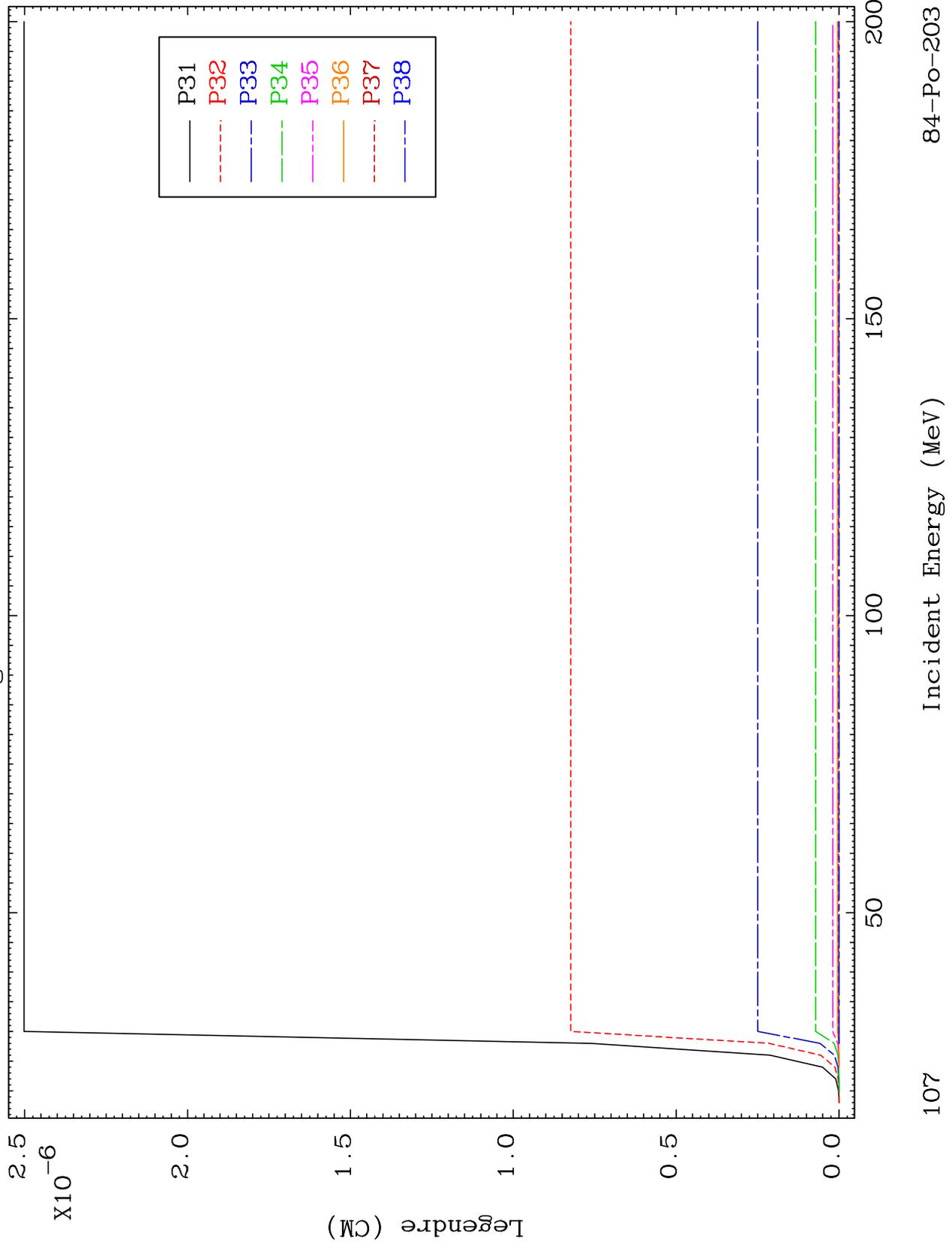
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



107

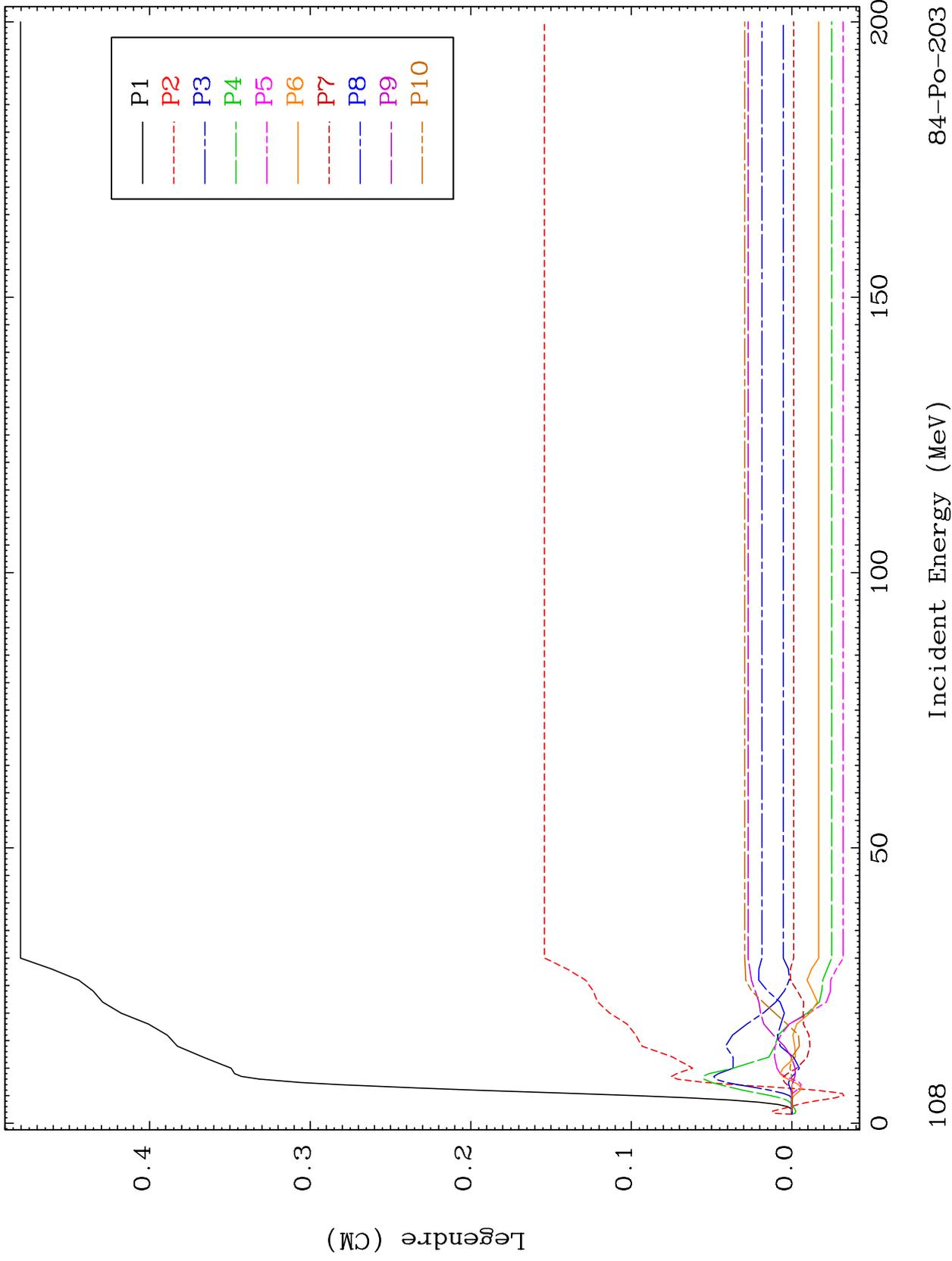
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

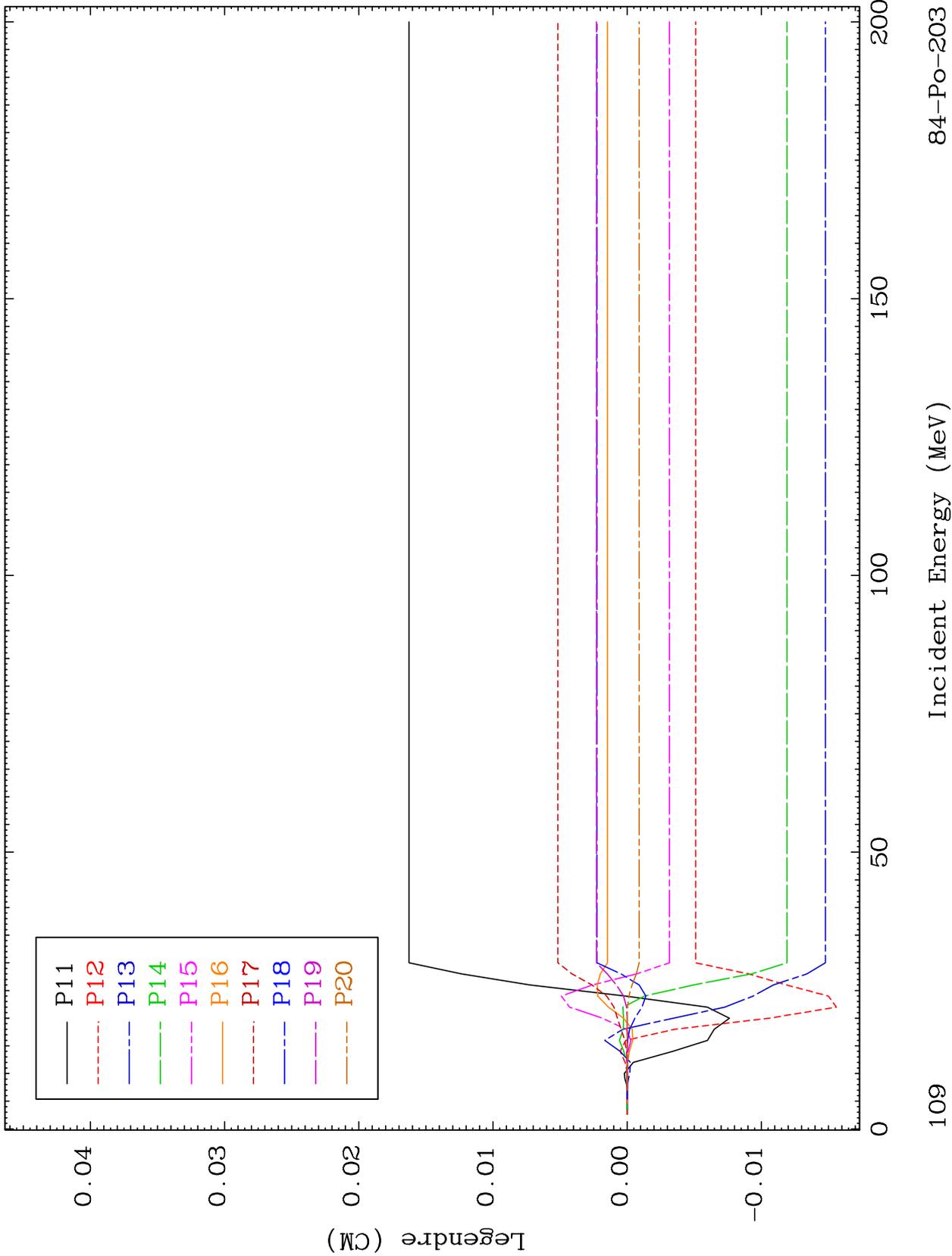
Incident Energy (MeV)

108

MAT 8416

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

84-Po-203



84-Po-203

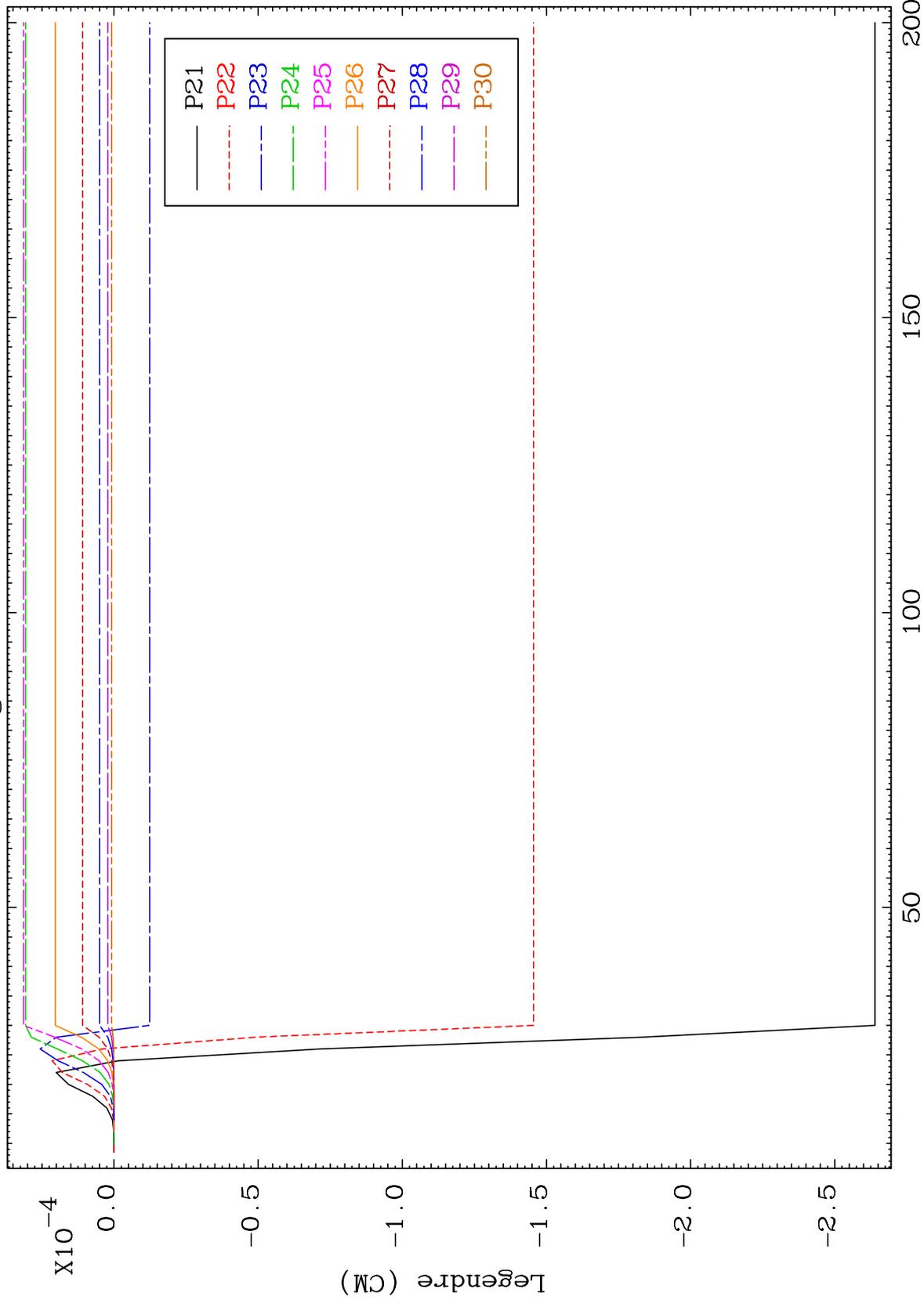
Incident Energy (MeV)

109

MAT 8416

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

84-Po-203



110

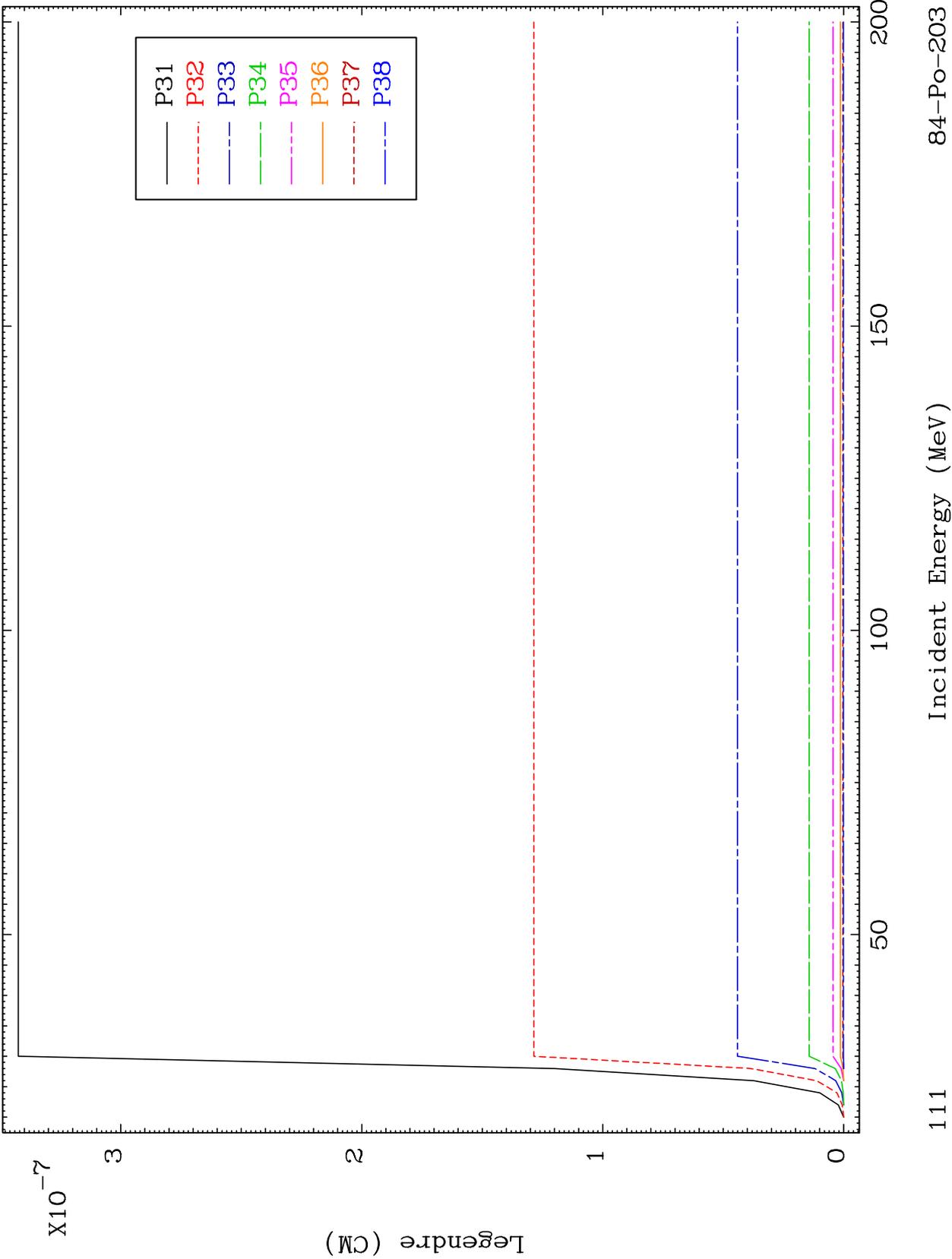
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



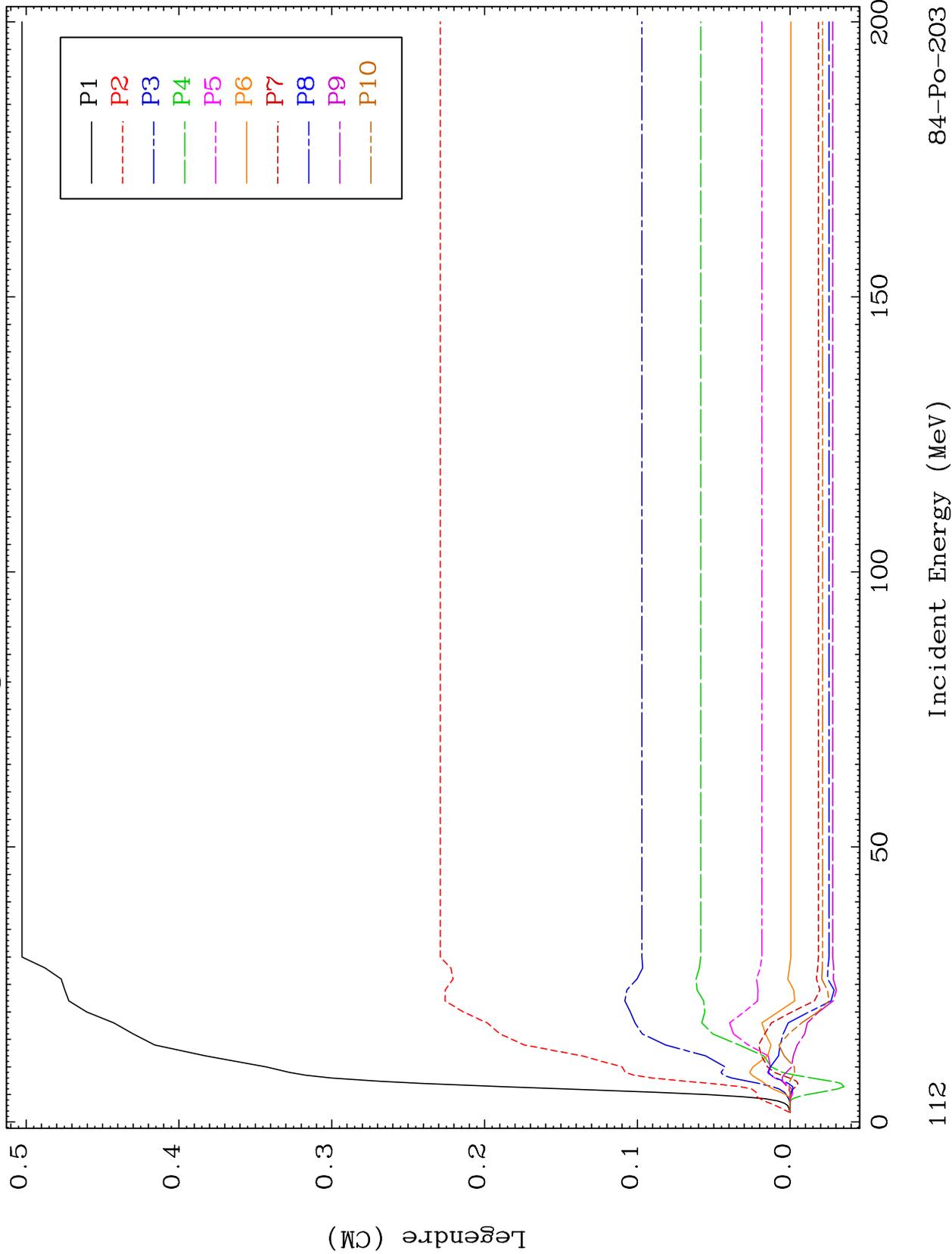
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84-Po-203

MAT 8416

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

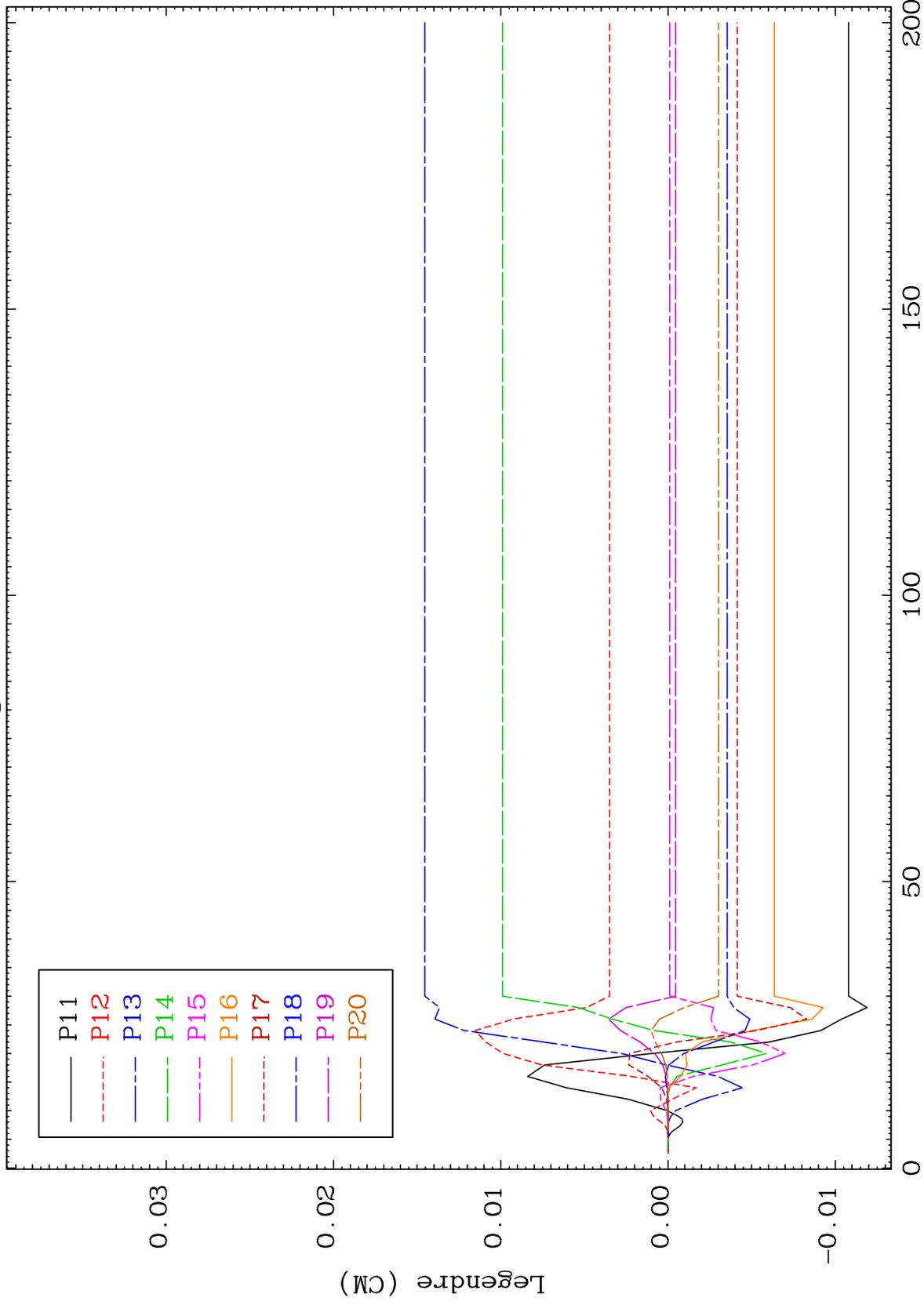
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MAT 8416

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

84-Po-203



113

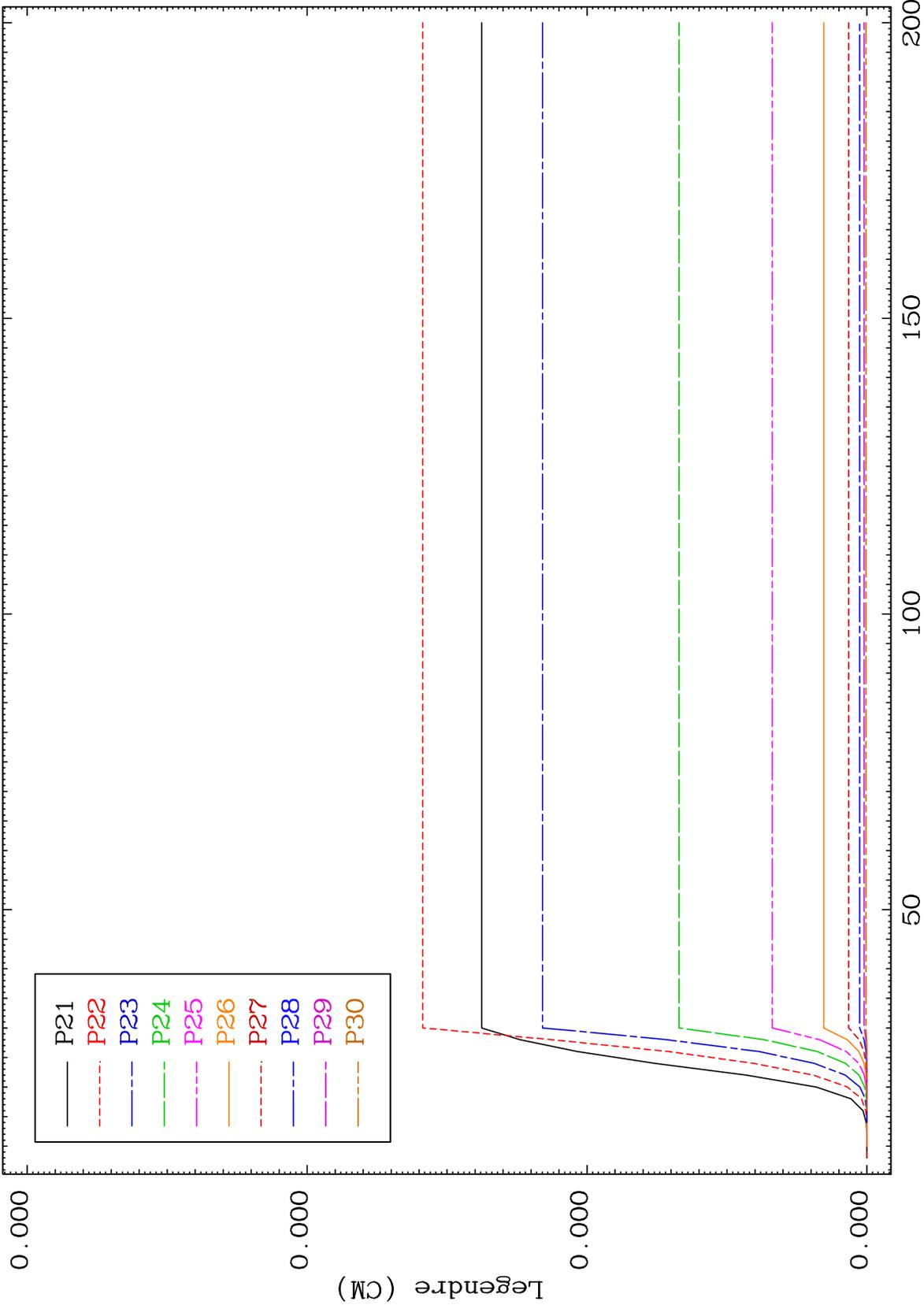
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



114

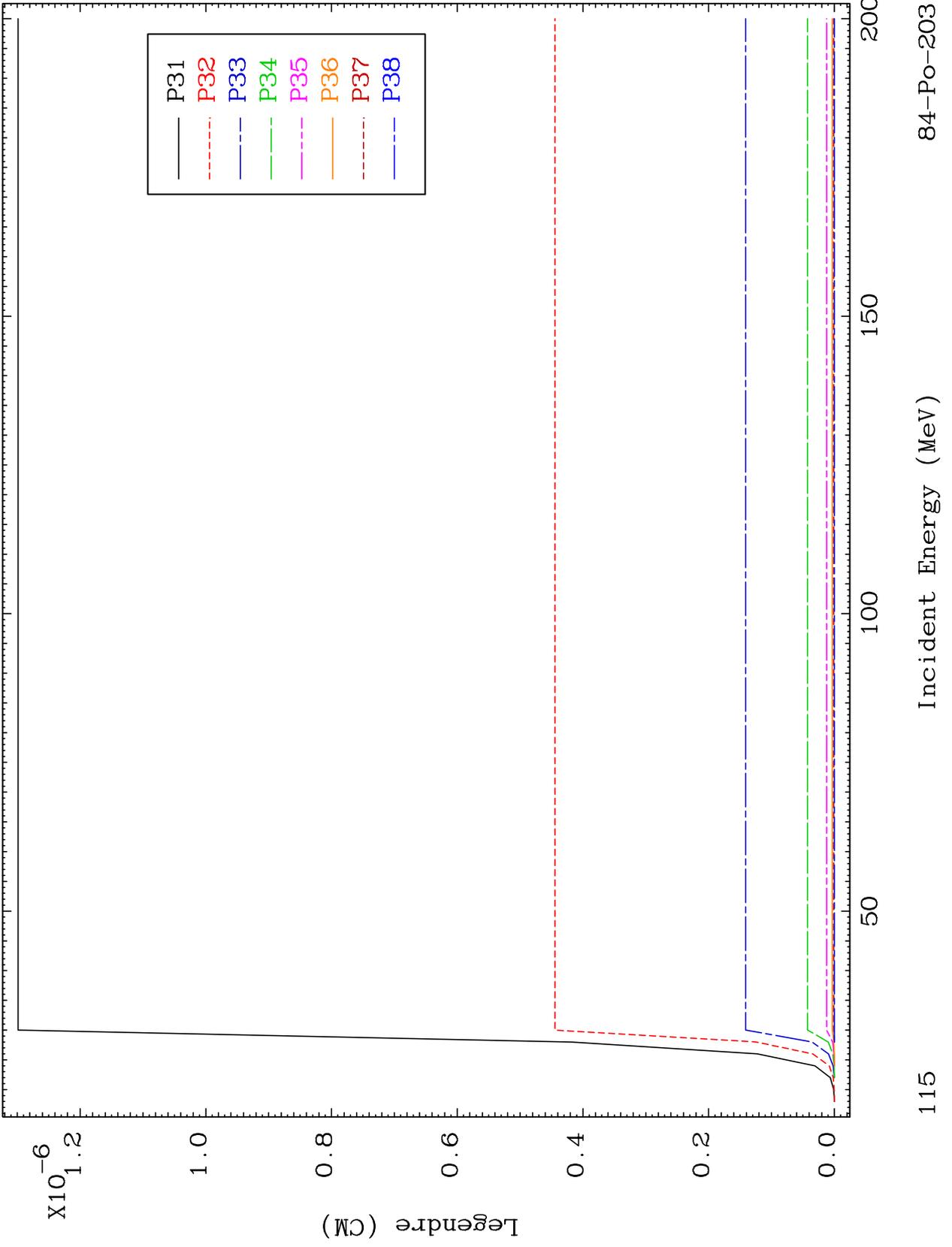
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



115

Incident Energy (MeV)

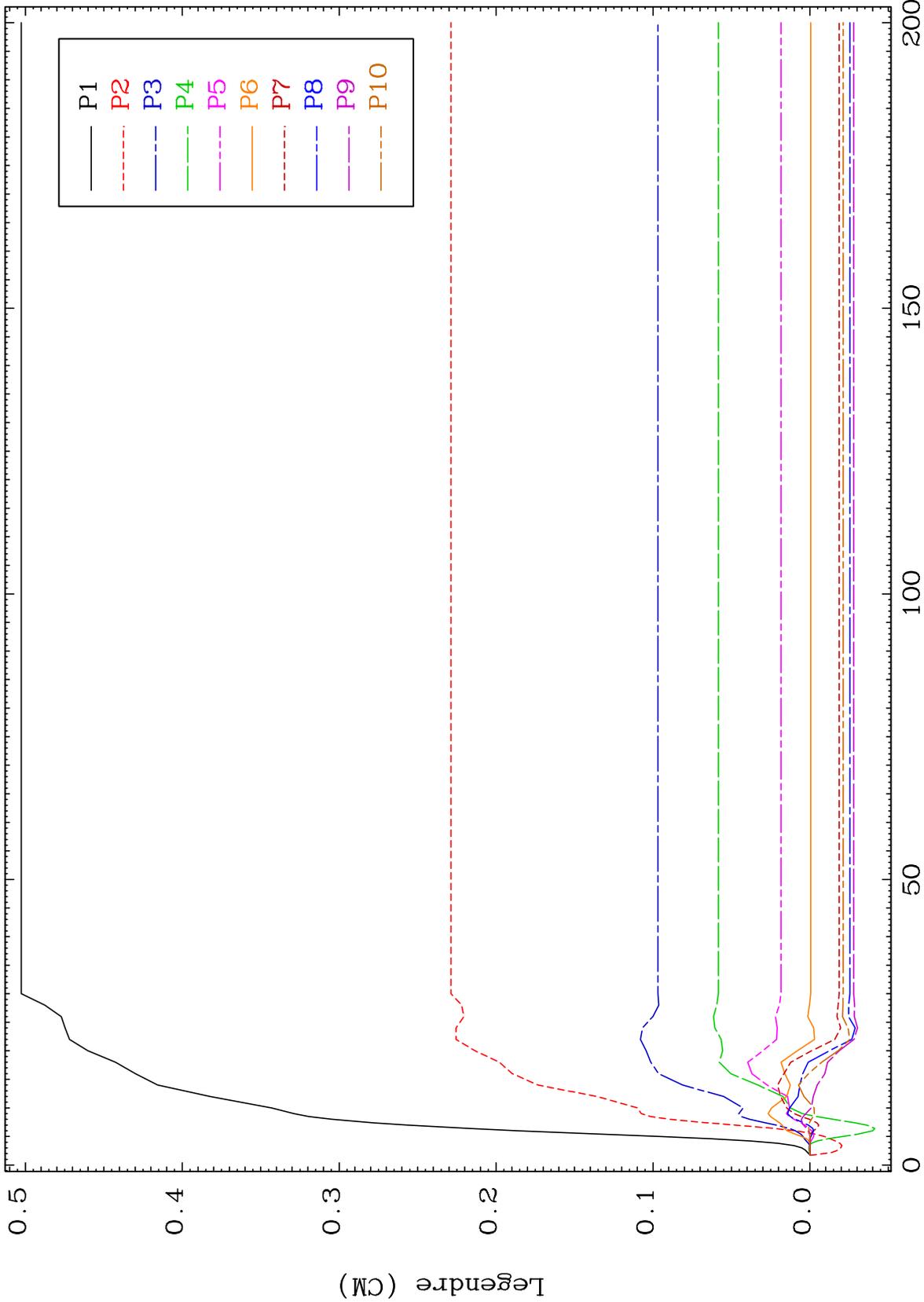
84-Po-203

MAT 8416

MT= 75 (n,n') Level

84-Po-203

Legendre Coefficients



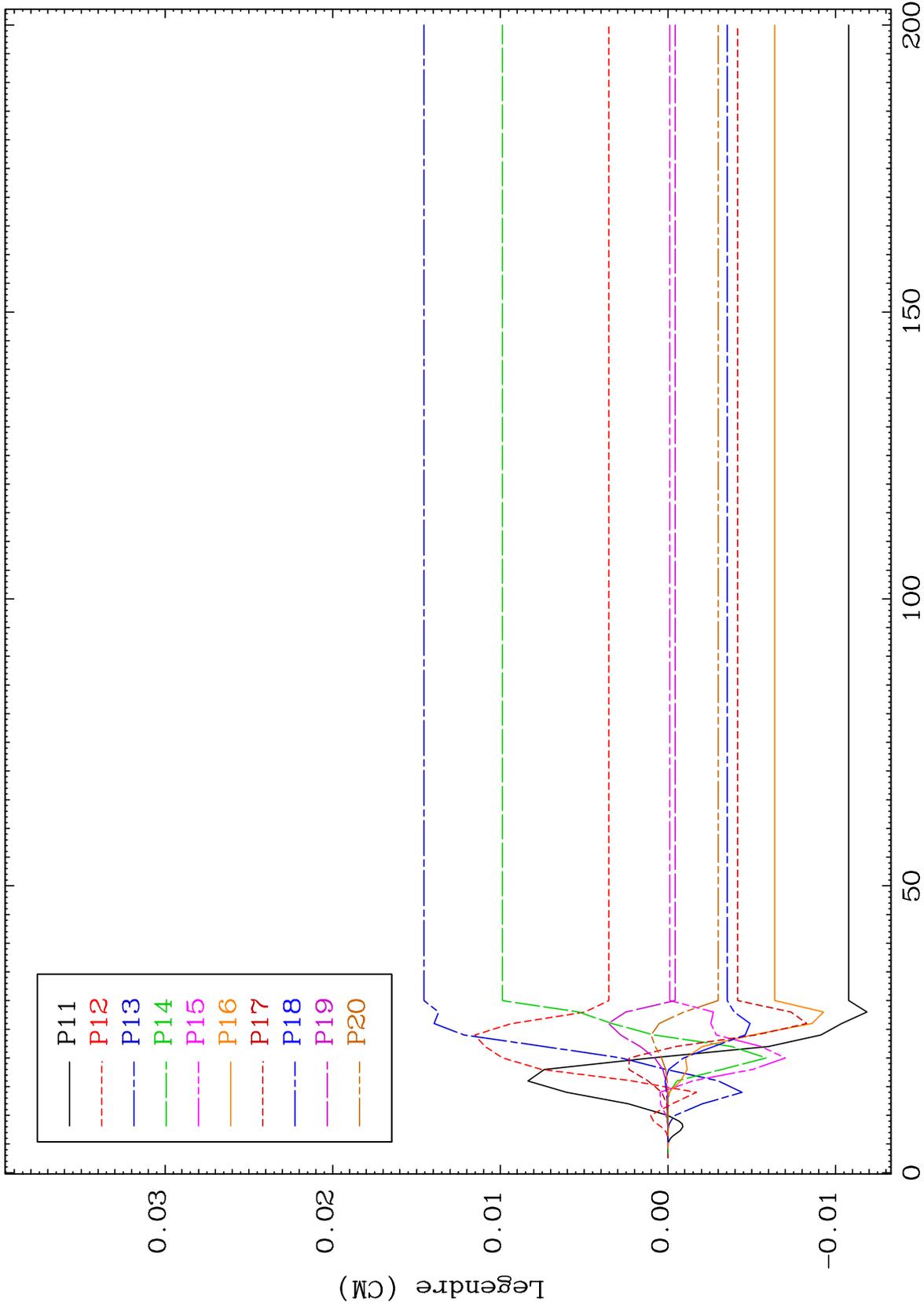
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84-Po-203

MAT 8416

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

84-Po-203



117

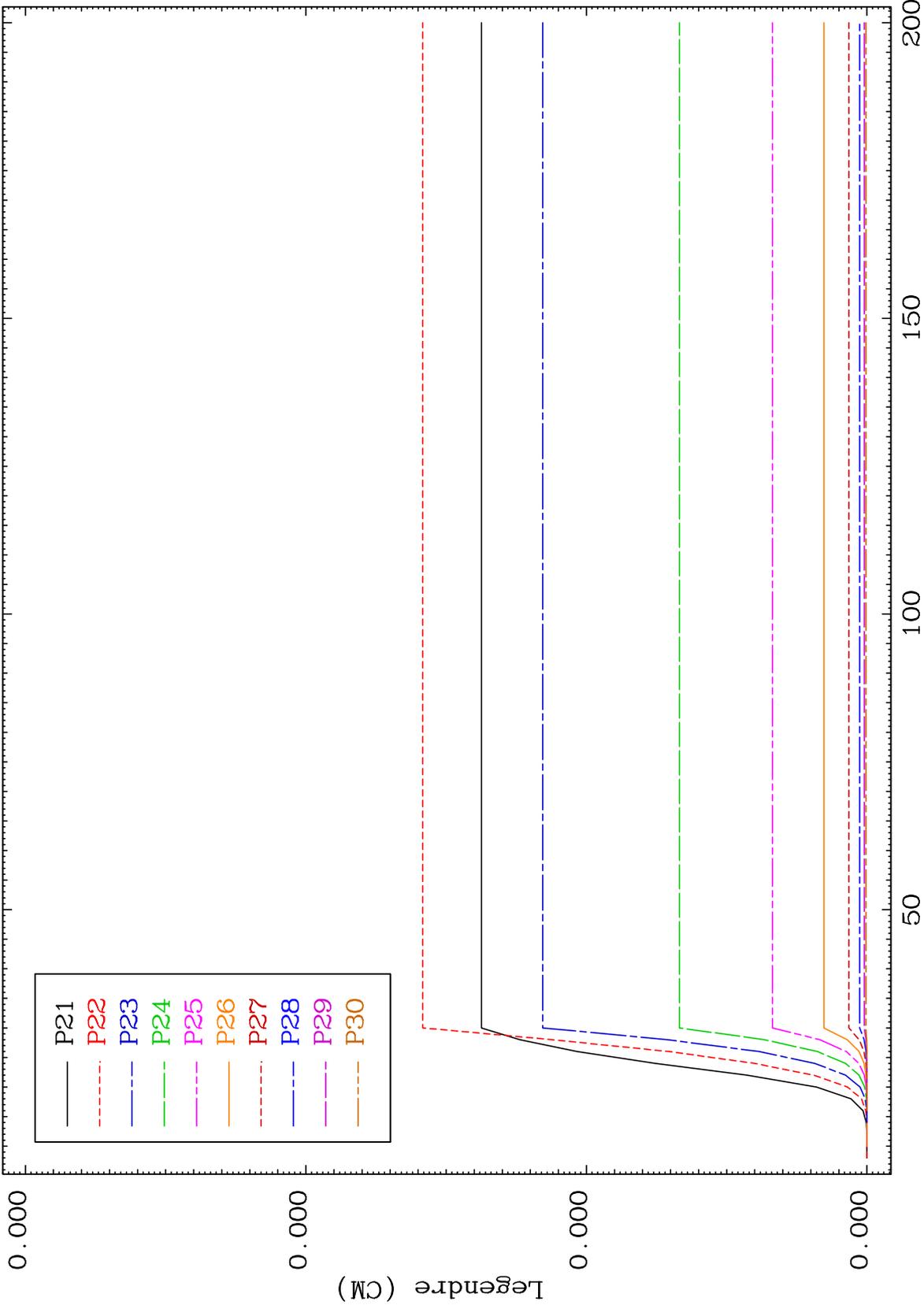
Incident Energy (MeV)

84-Po-203

MAT 8416

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

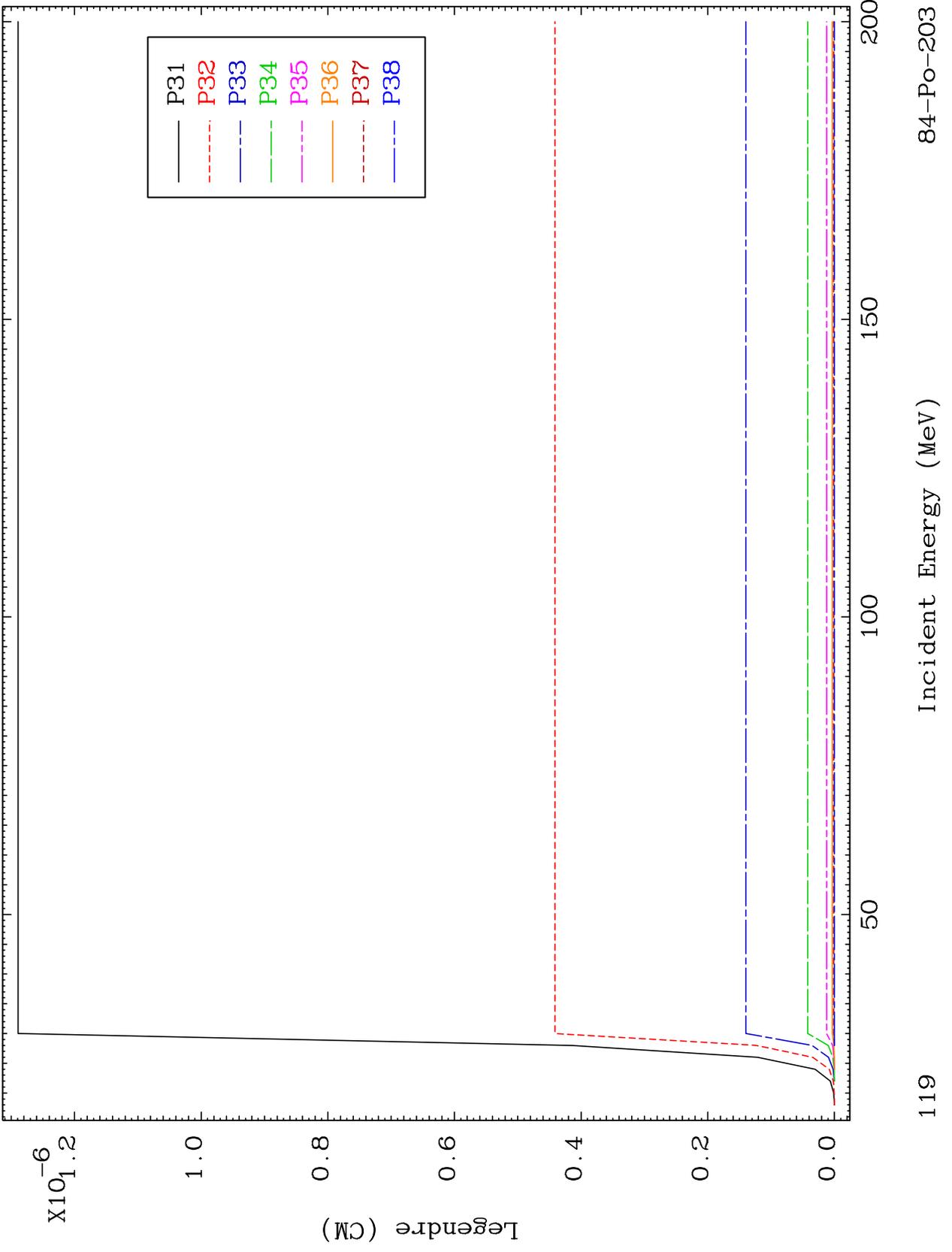
84-Po-203



MAT 8416

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

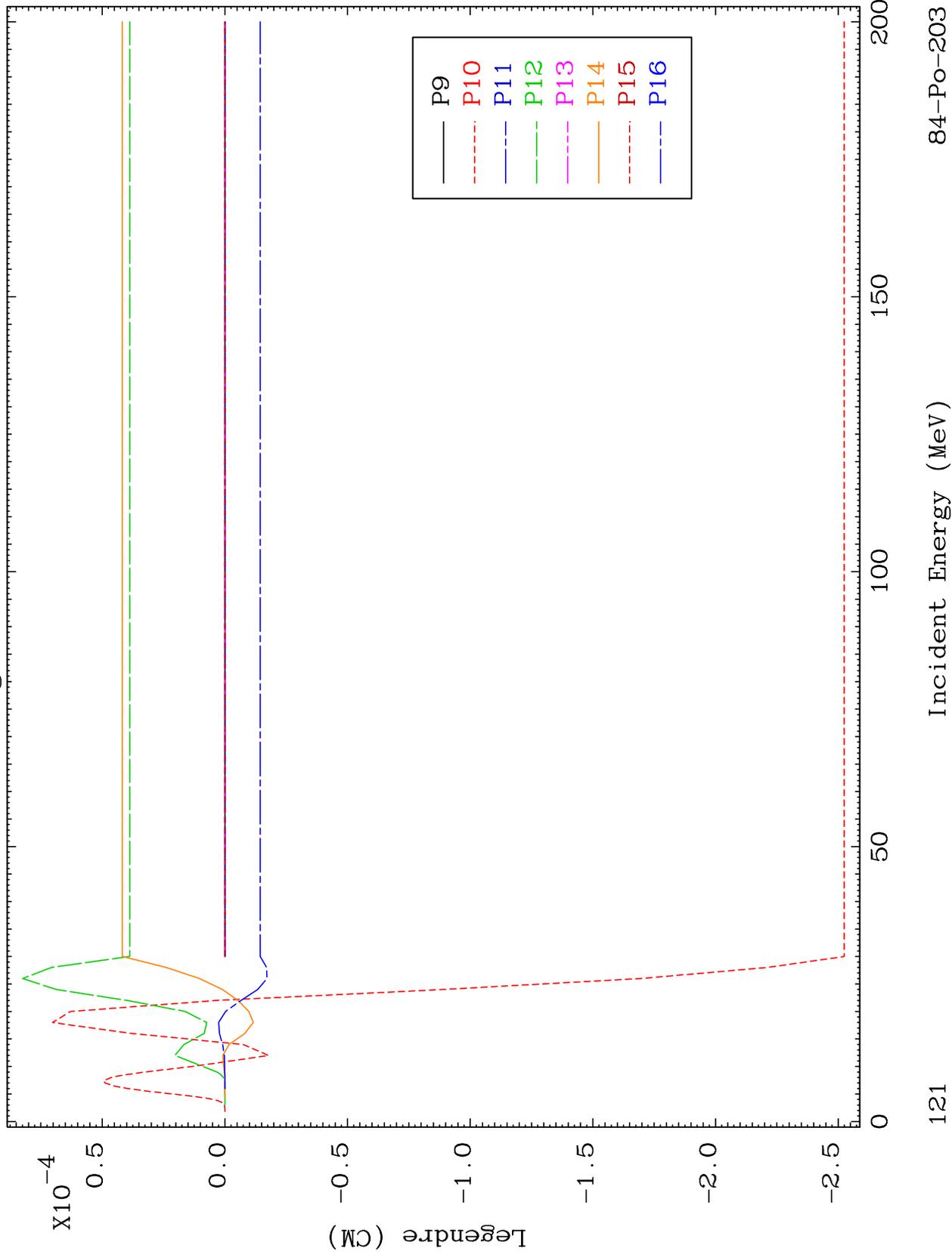
84-Po-203



MAT 8416

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

84-Po-203



121

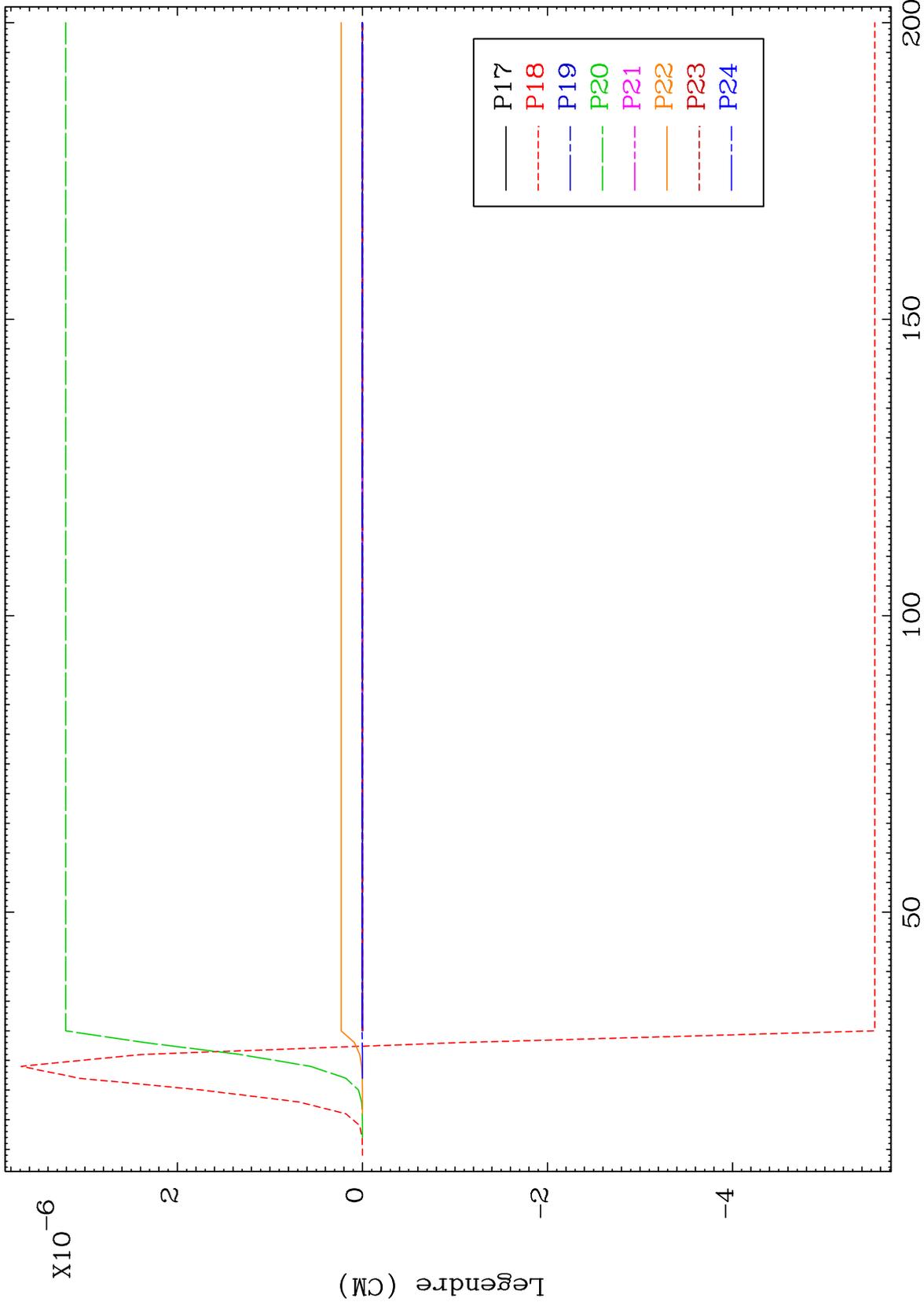
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



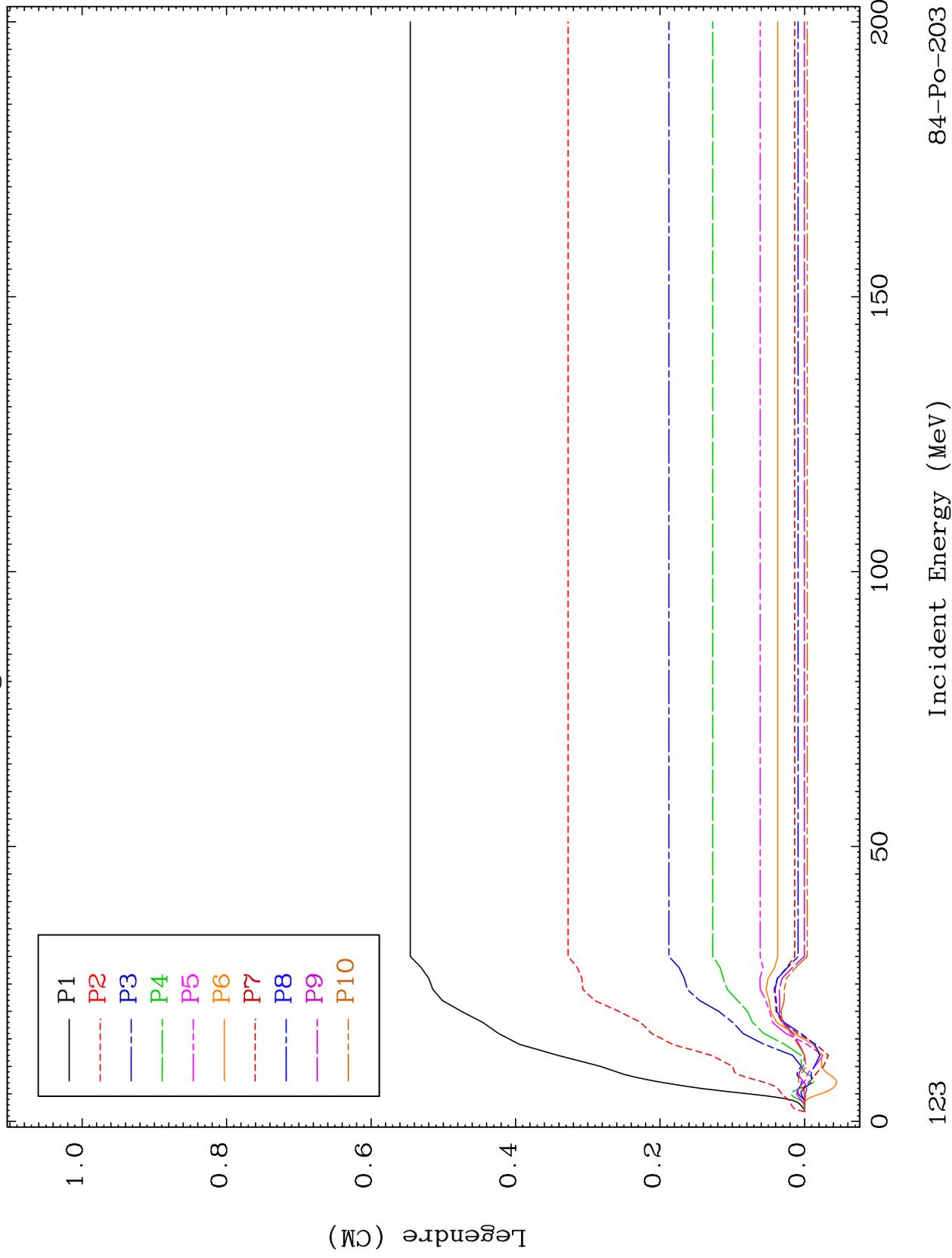
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84-Po-203

MAT 8416

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

84-Po-203

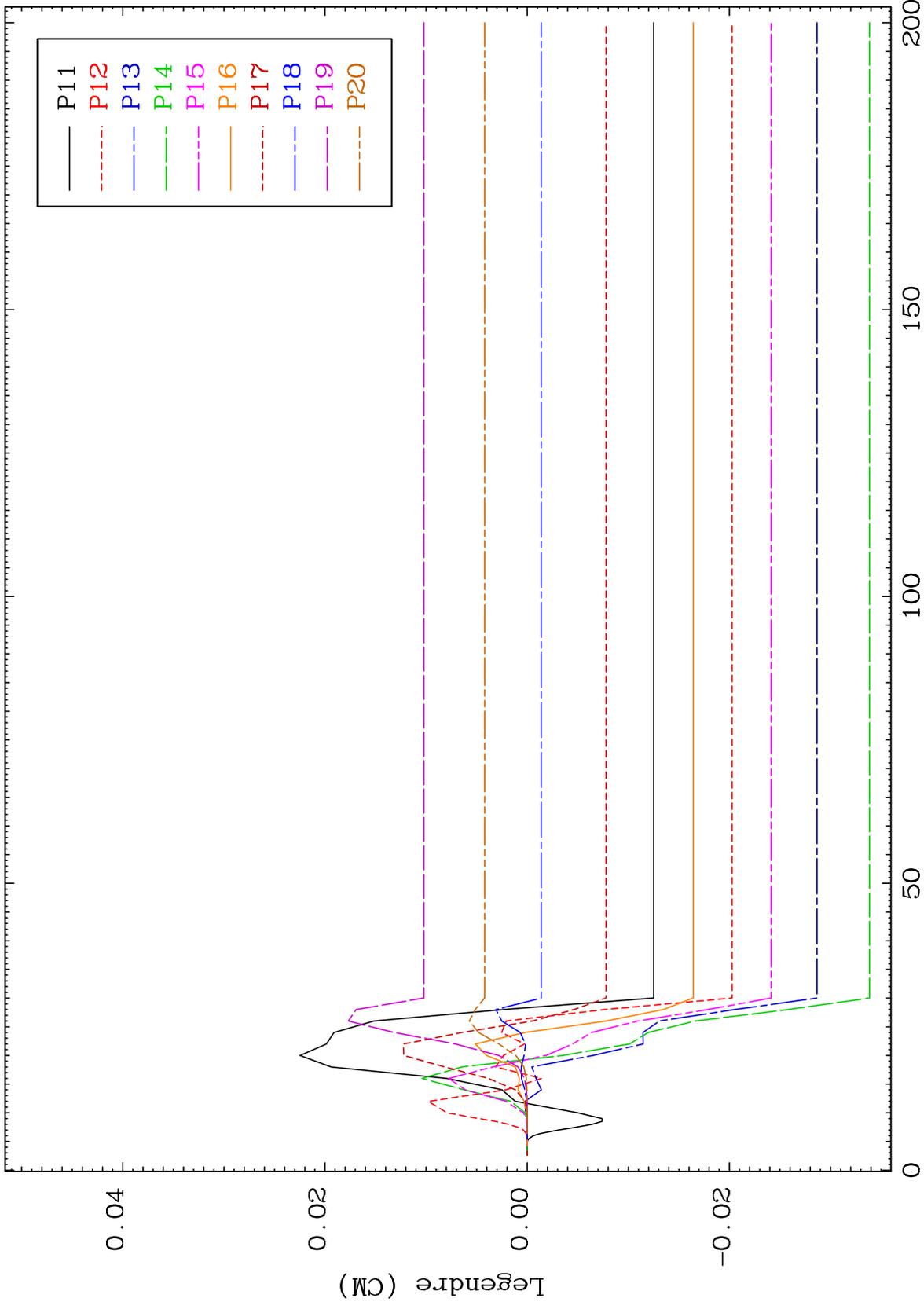


123

MAT 8416

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

84-Po-203



124

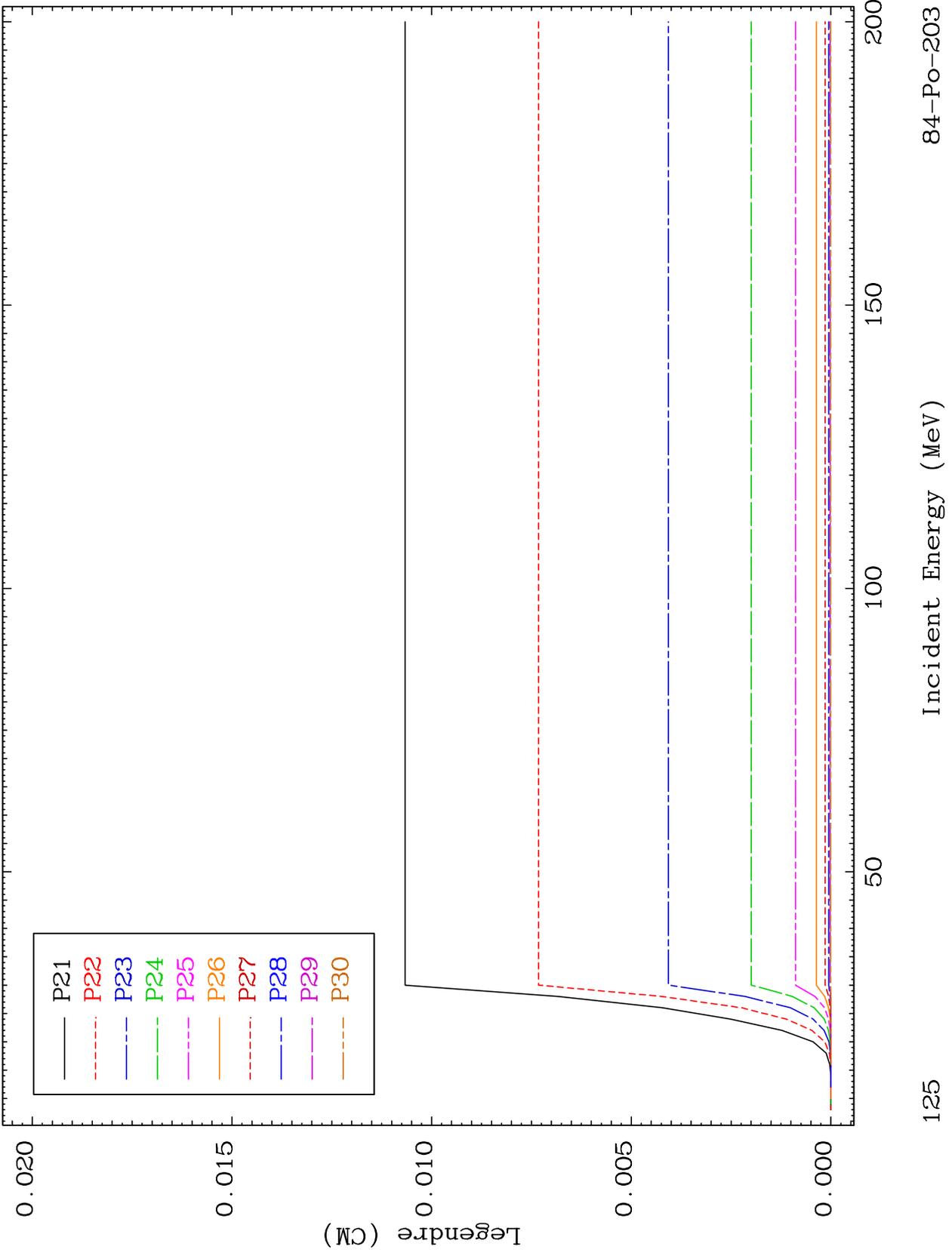
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



125

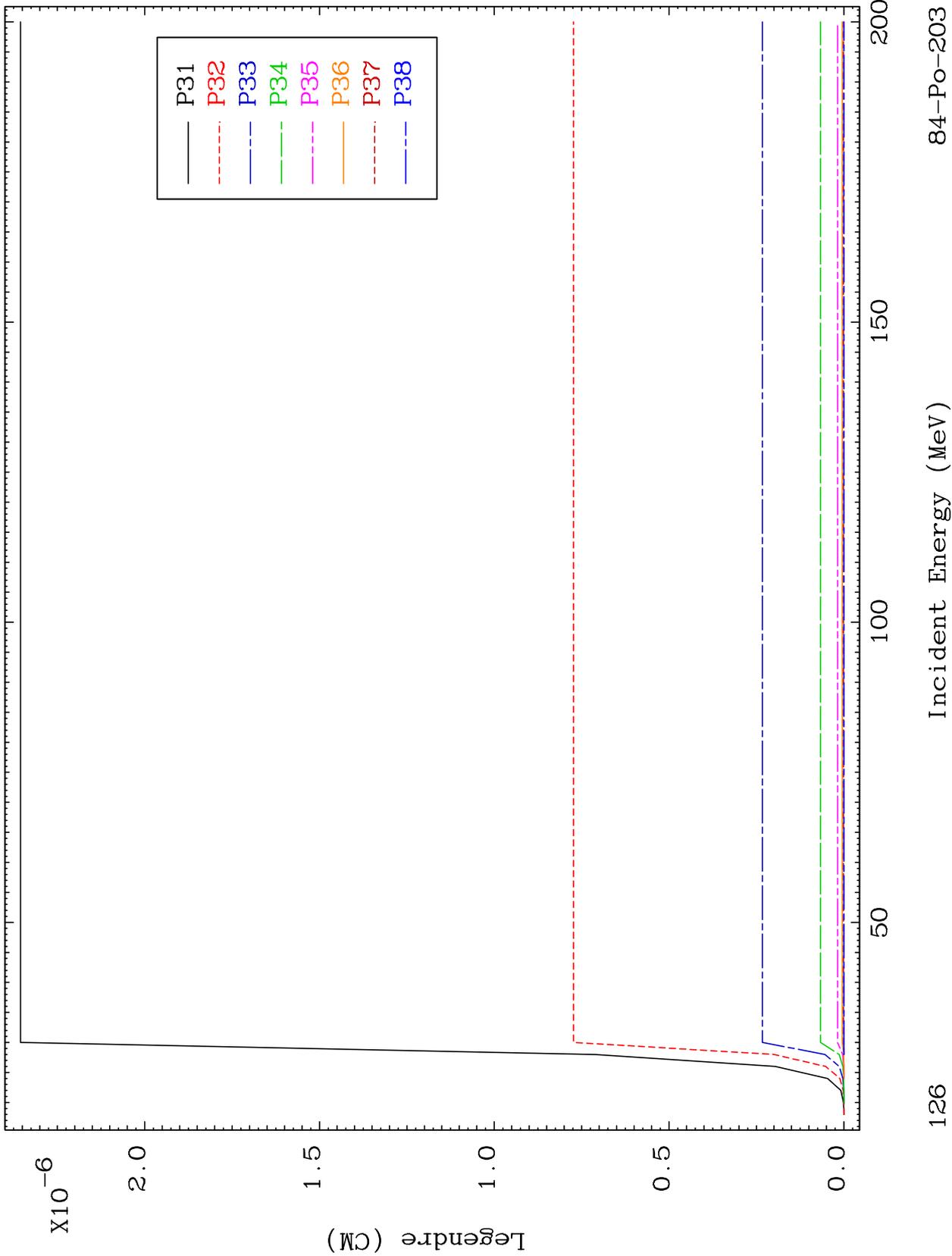
Incident Energy (MeV)

84-Po-203

MAT 8416

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

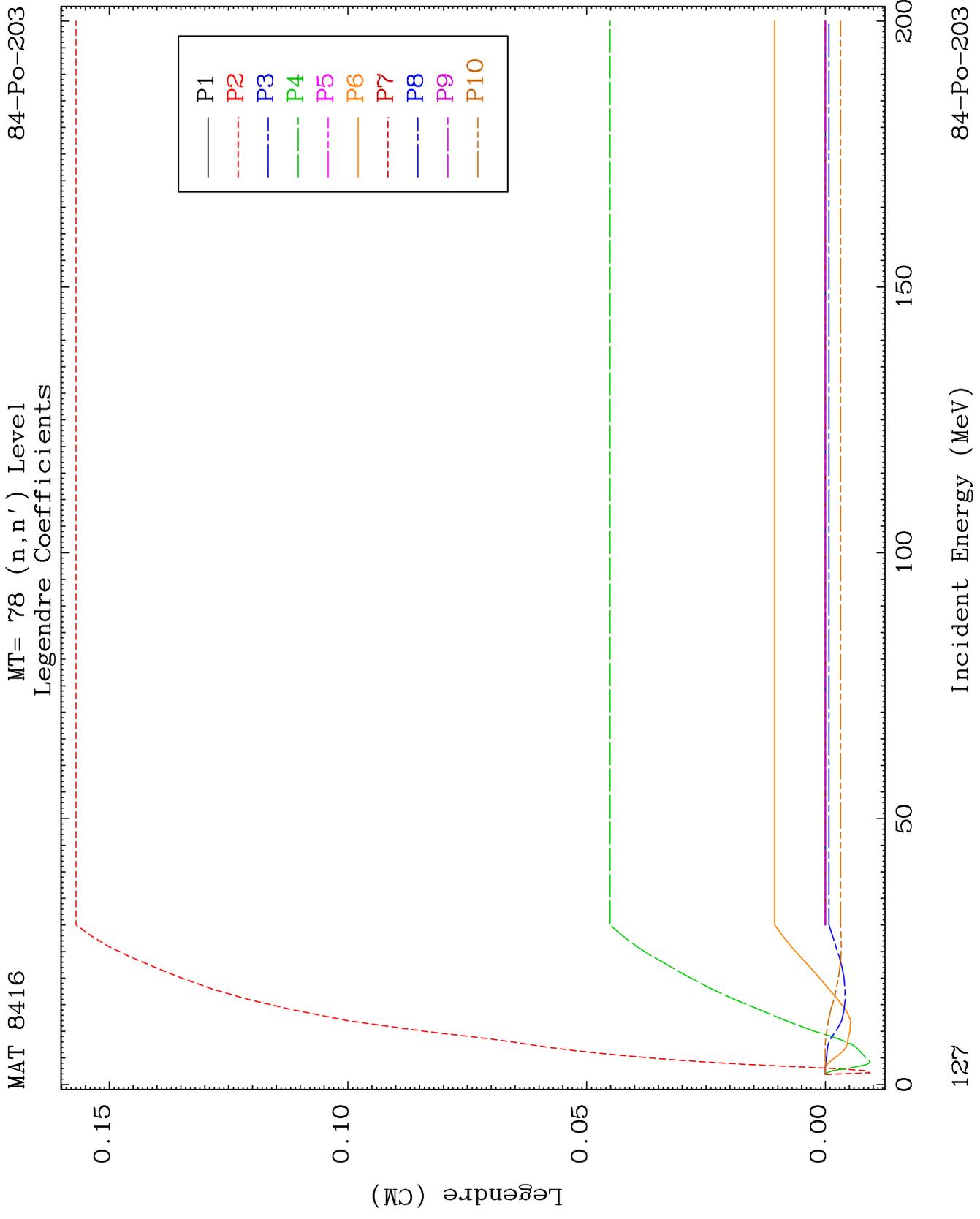
84-Po-203



126

Incident Energy (MeV)

84-Po-203

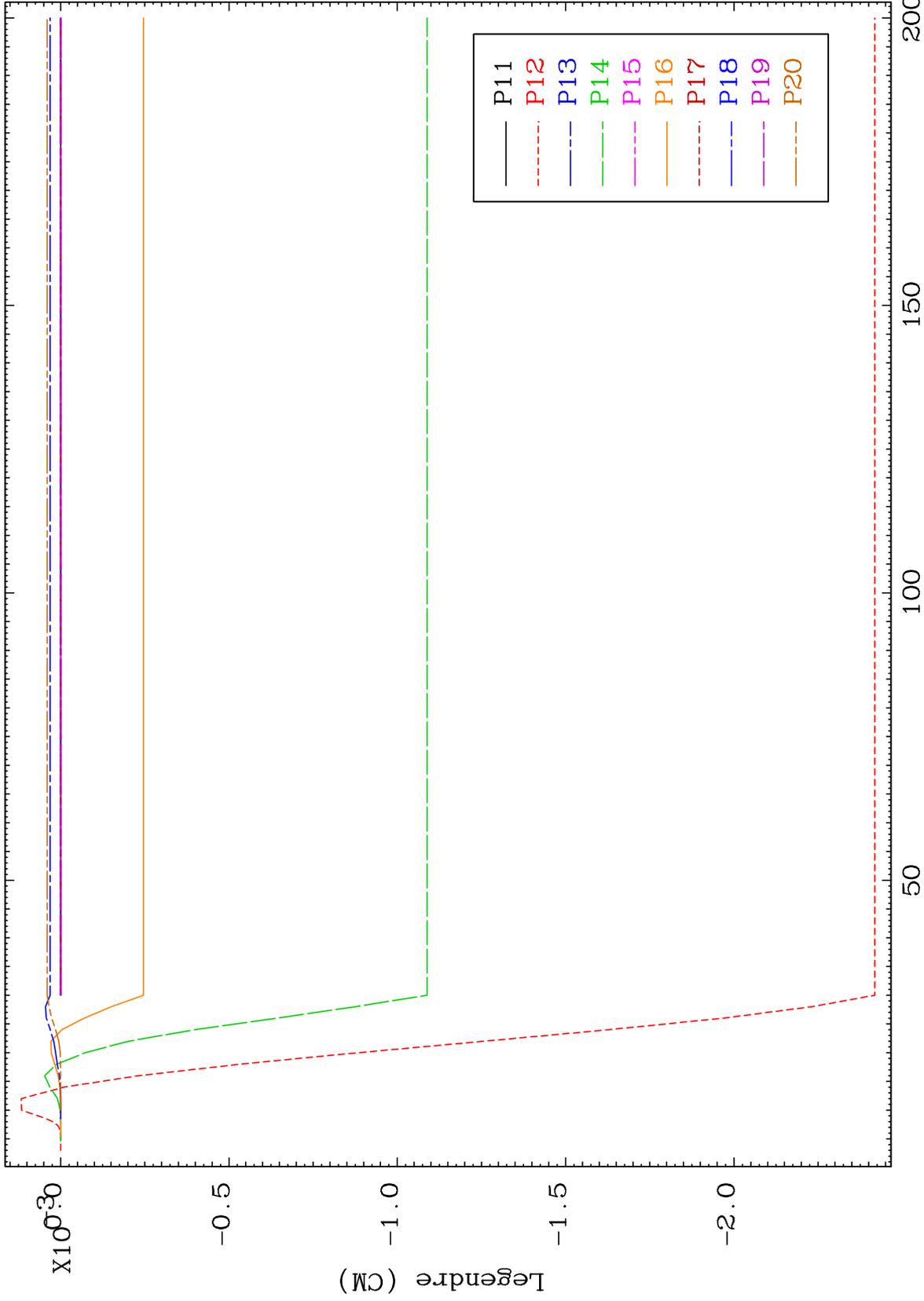


MAT 8416

MT= 78 (n,n') Level

84-Po-203

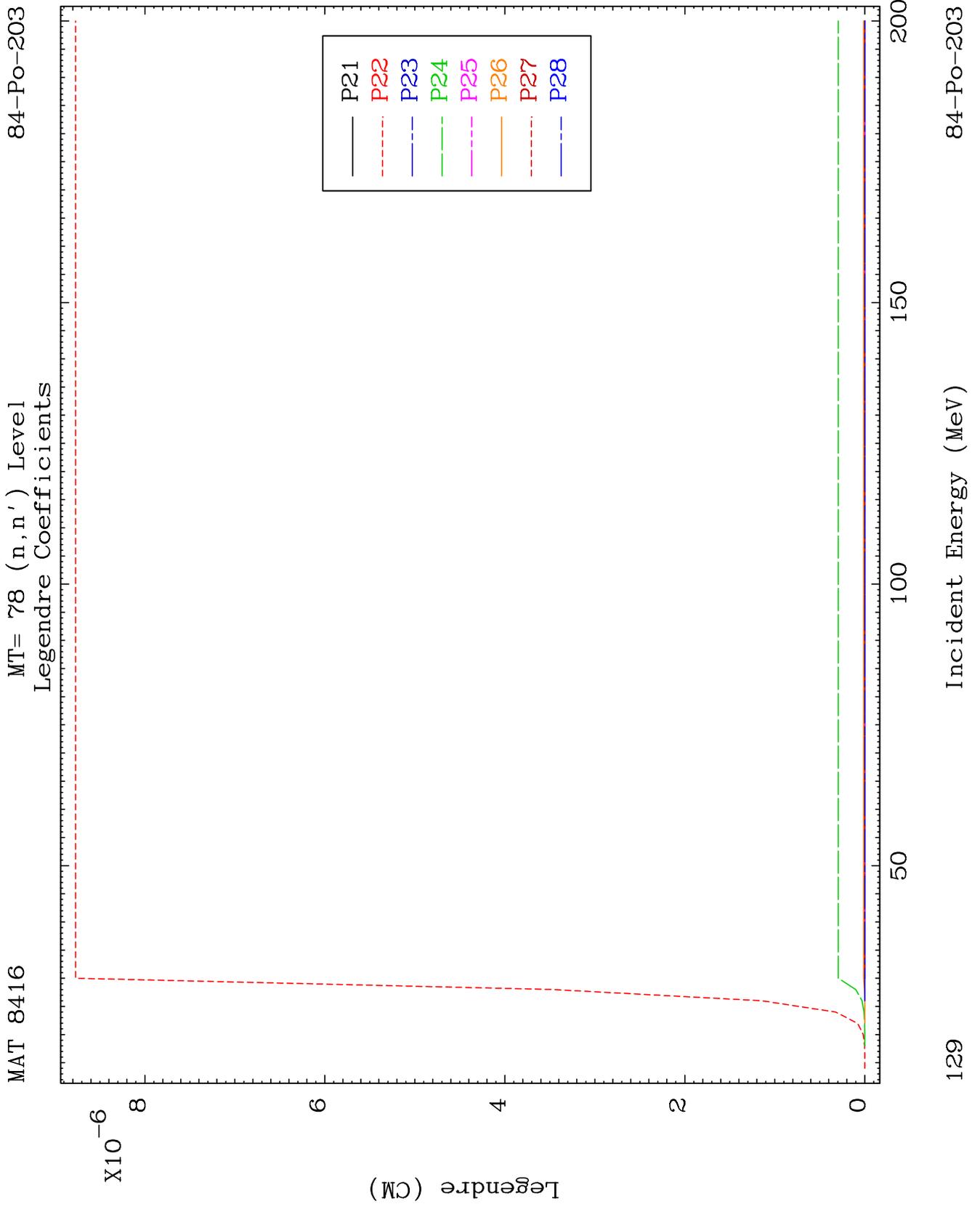
Legendre Coefficients



128

Incident Energy (MeV)

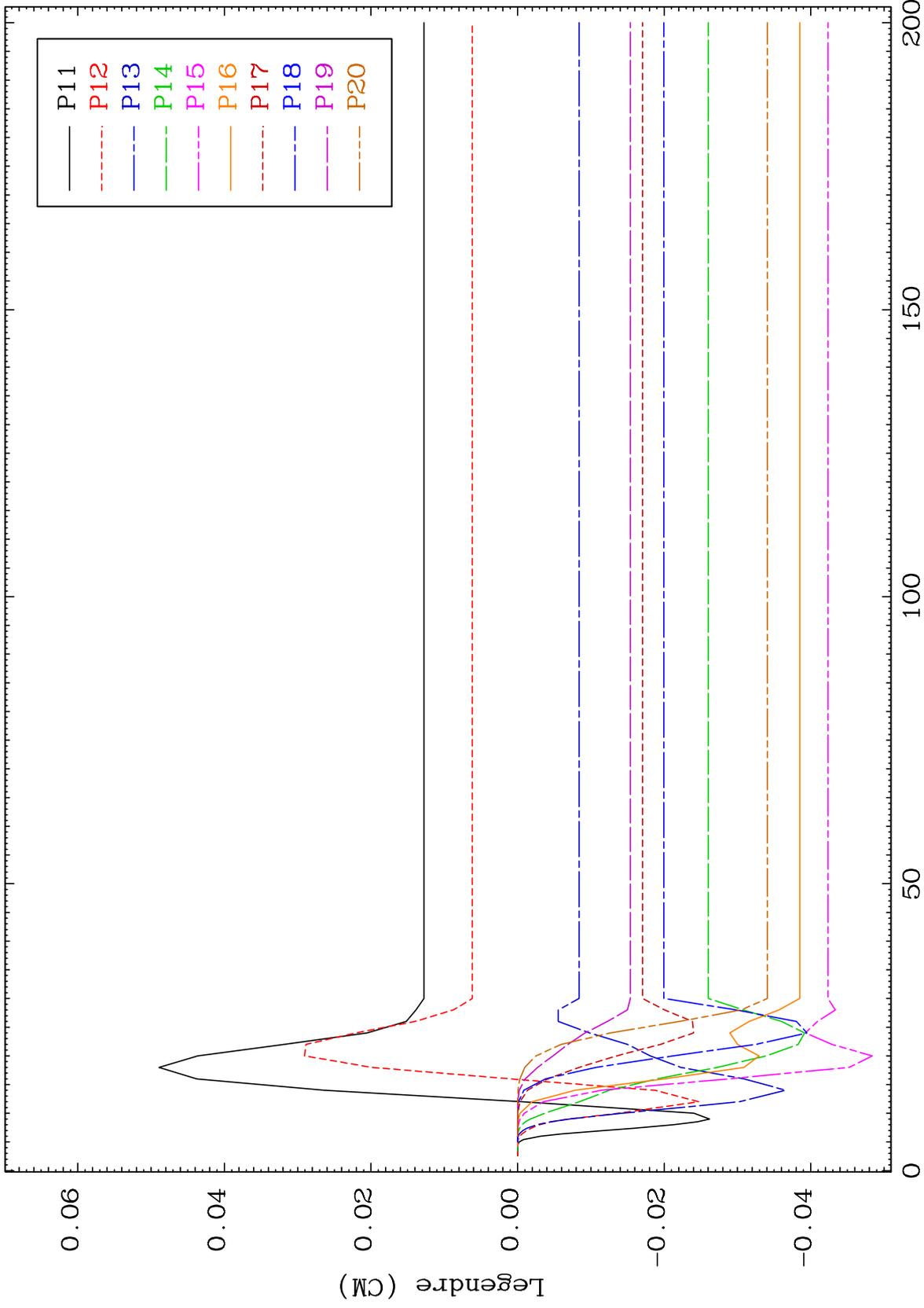
84-Po-203



MAT 8416

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

84-Po-203



131

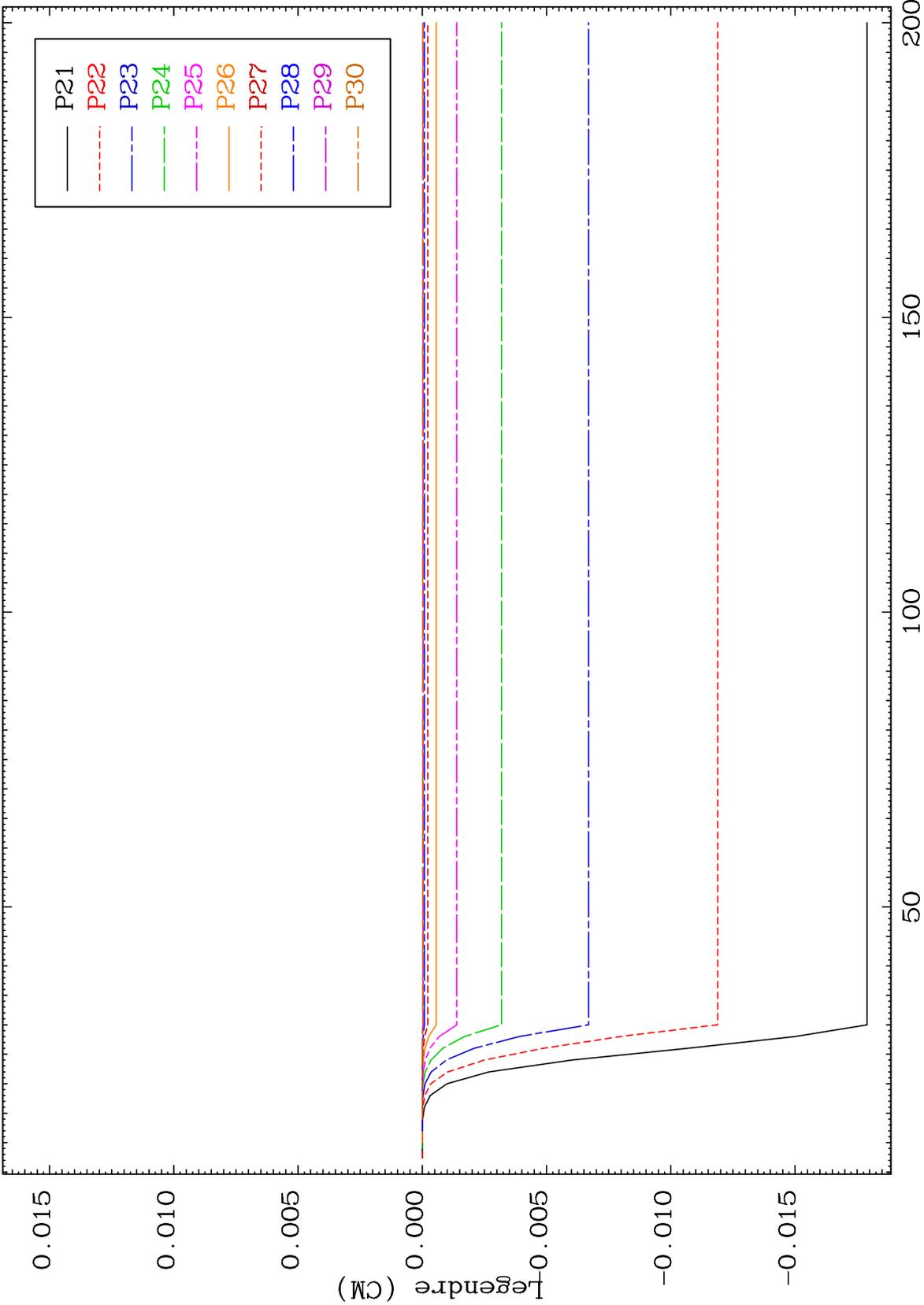
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



132

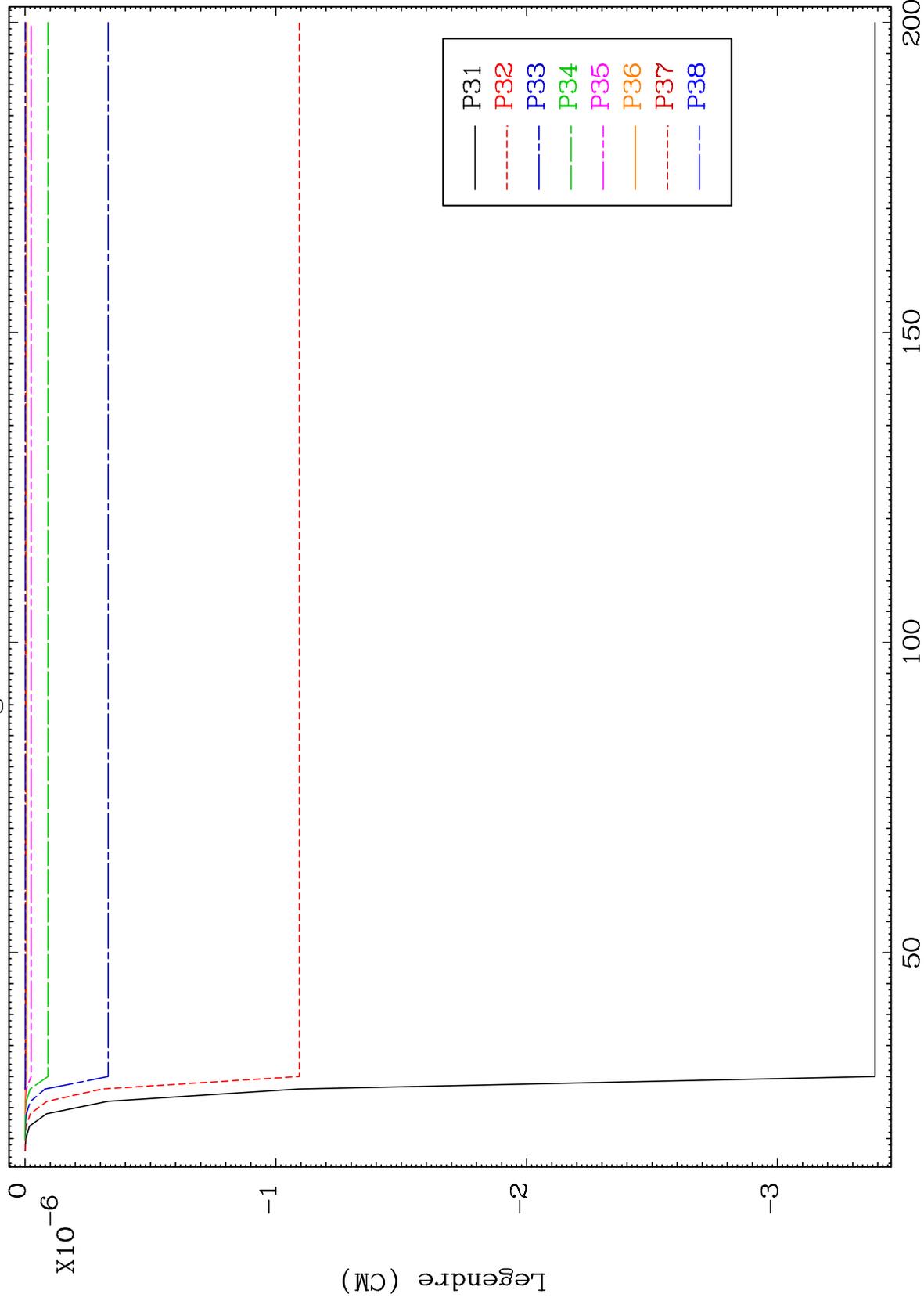
Incident Energy (MeV)

84-Po-203

MAT 8416

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

84-Po-203



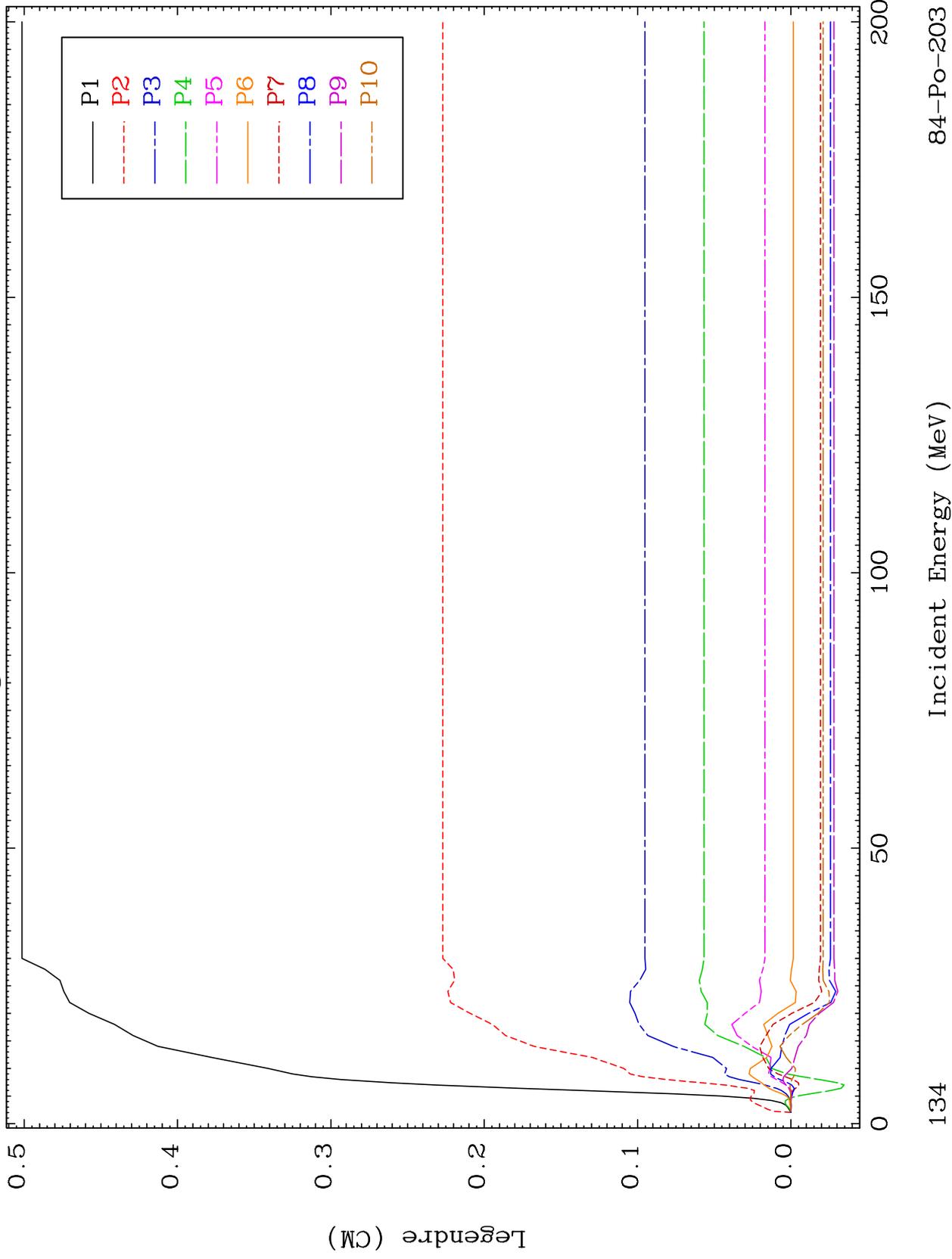
133

84-Po-203

MAT 8416

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

84-Po-203



84-Po-203

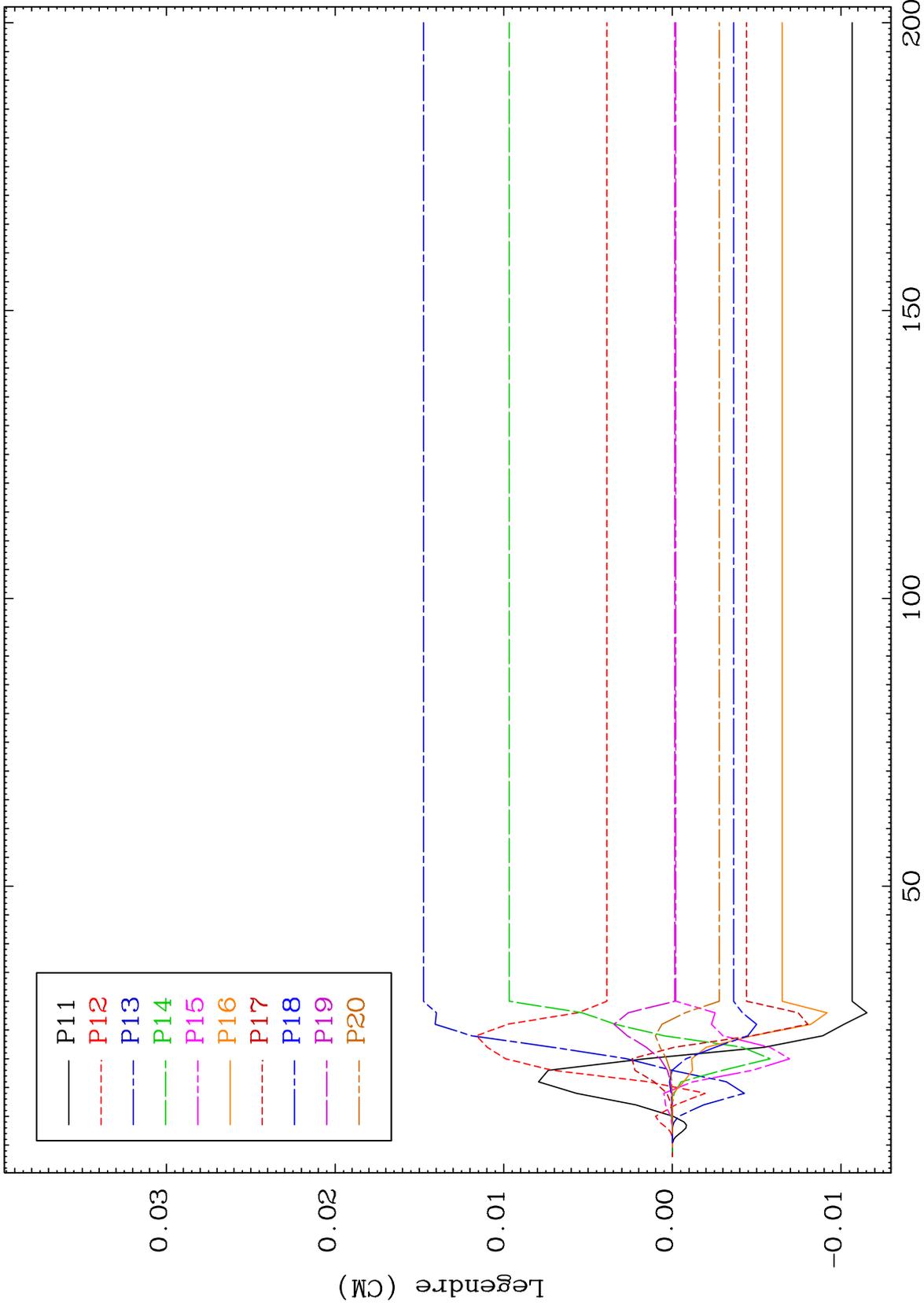
Incident Energy (MeV)

134

MAT 8416

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

84-Po-203



135

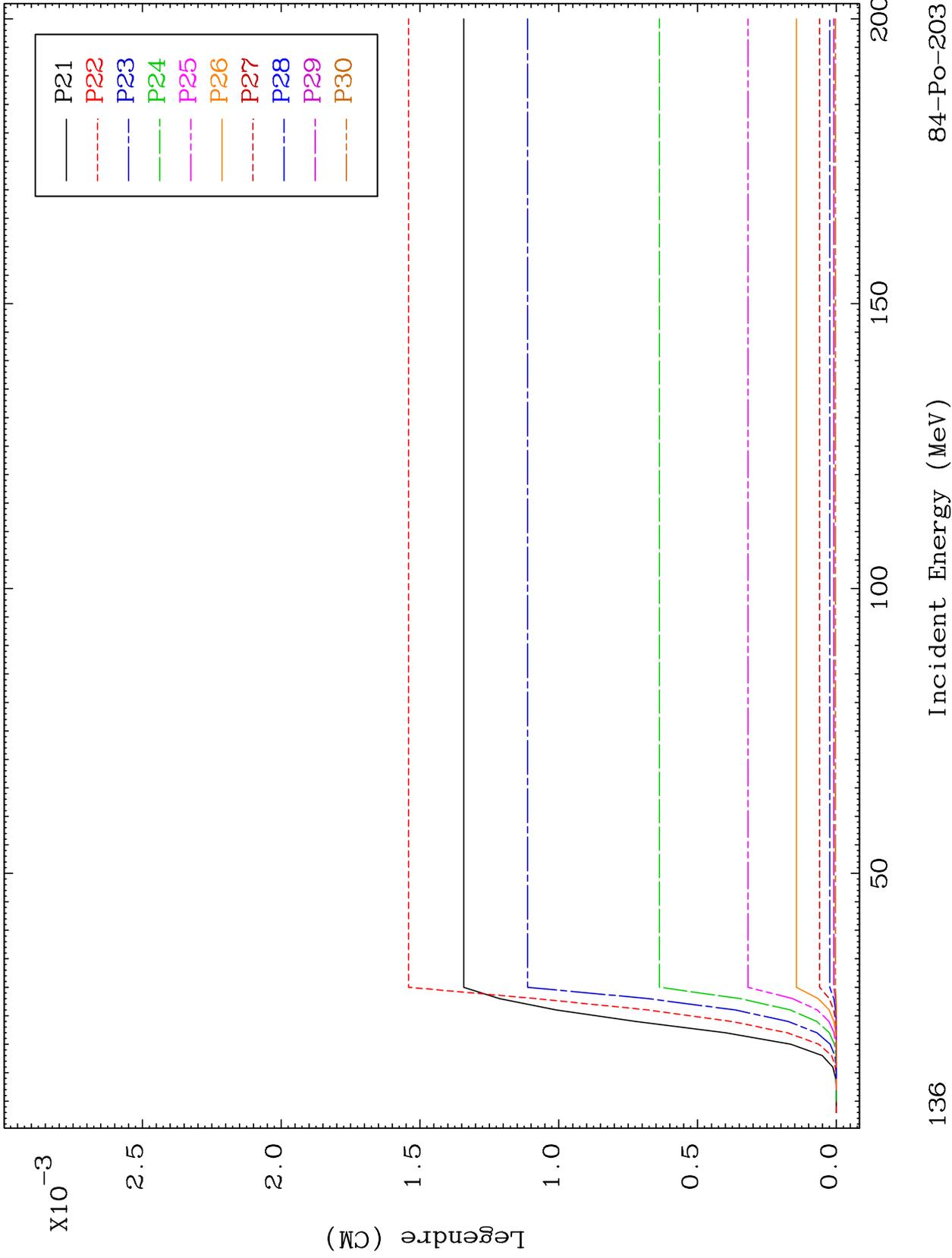
Incident Energy (MeV)

84-Po-203

MAT 8416

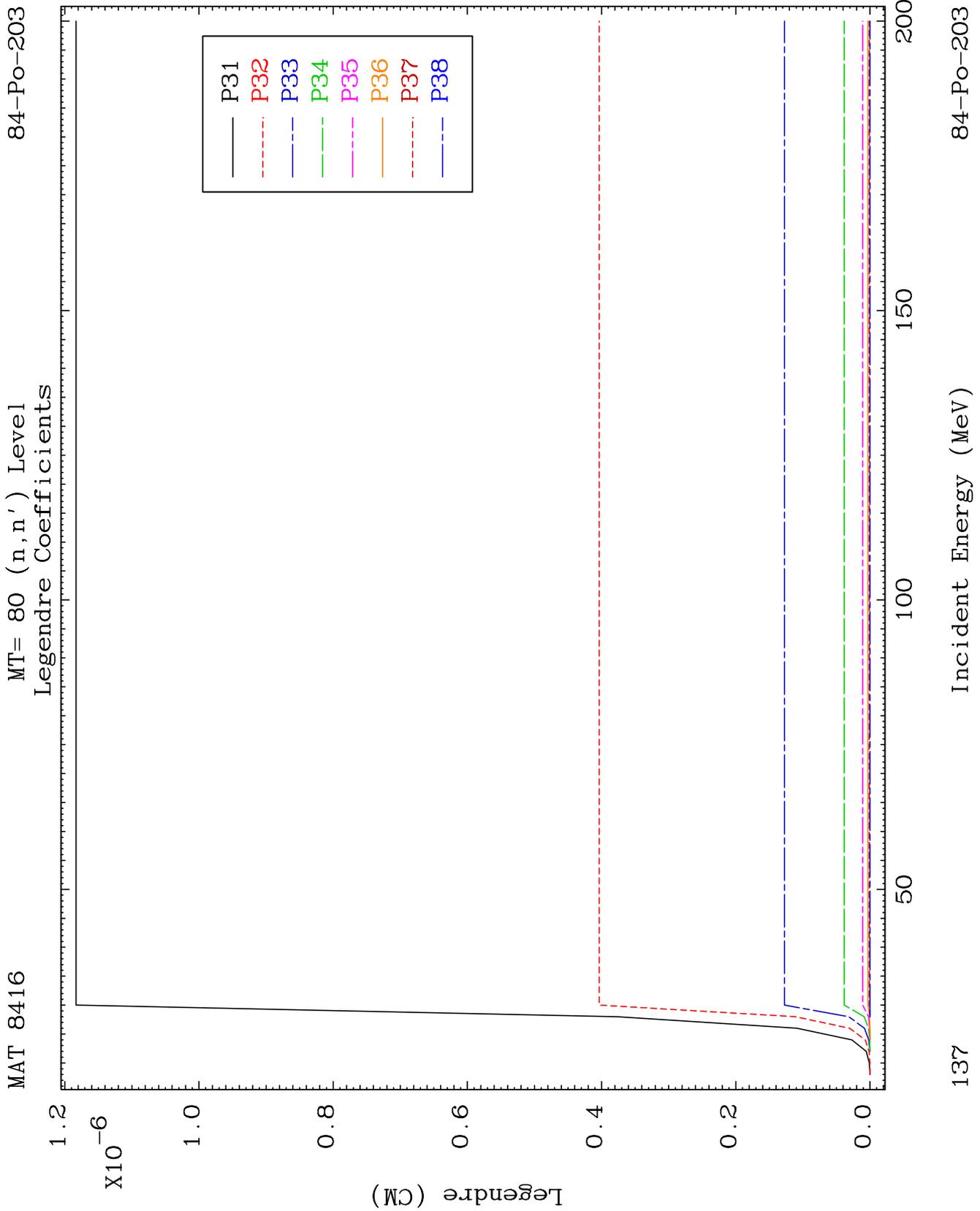
MT= 80 (n,n') Level
Legendre Coefficients

84-Po-203



136

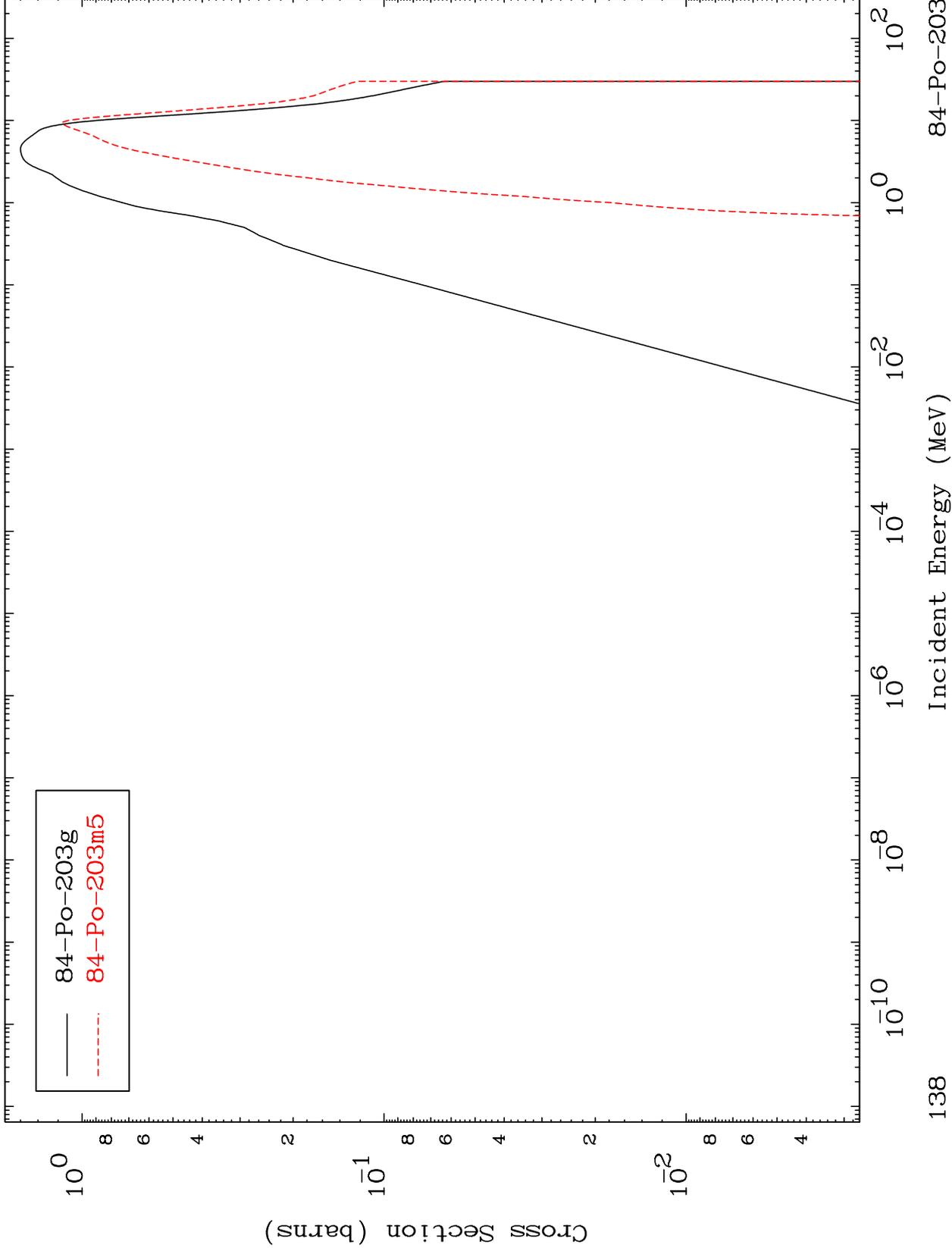
84-Po-203



MAT 8416

Inelastic
Radionuclide Production Cross Section

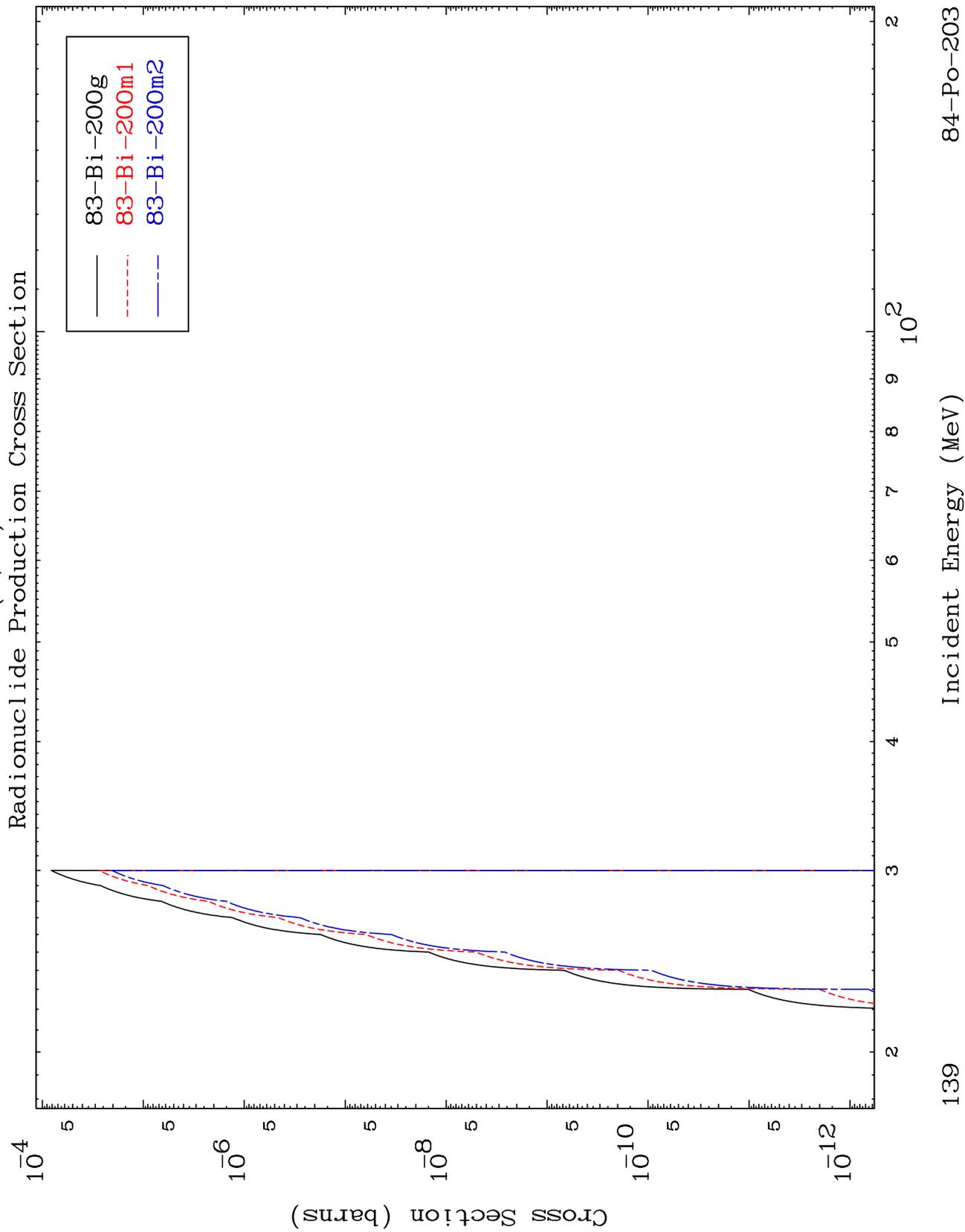
84-Po-203



MAT 8416

(n,2n) d

84-Po-203



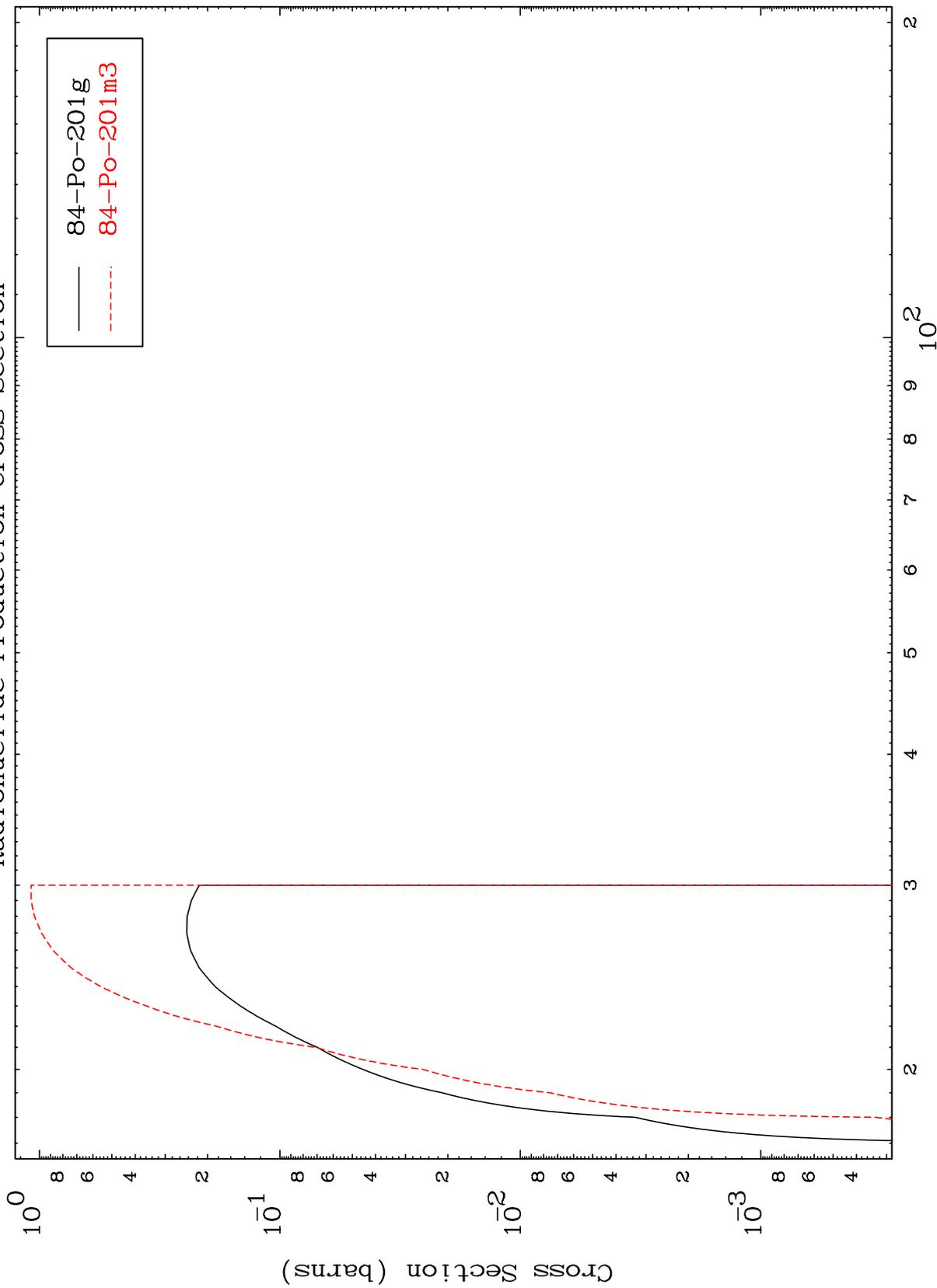
139

84-Po-203

MAT 8416

84-Po-203

(n,3n)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

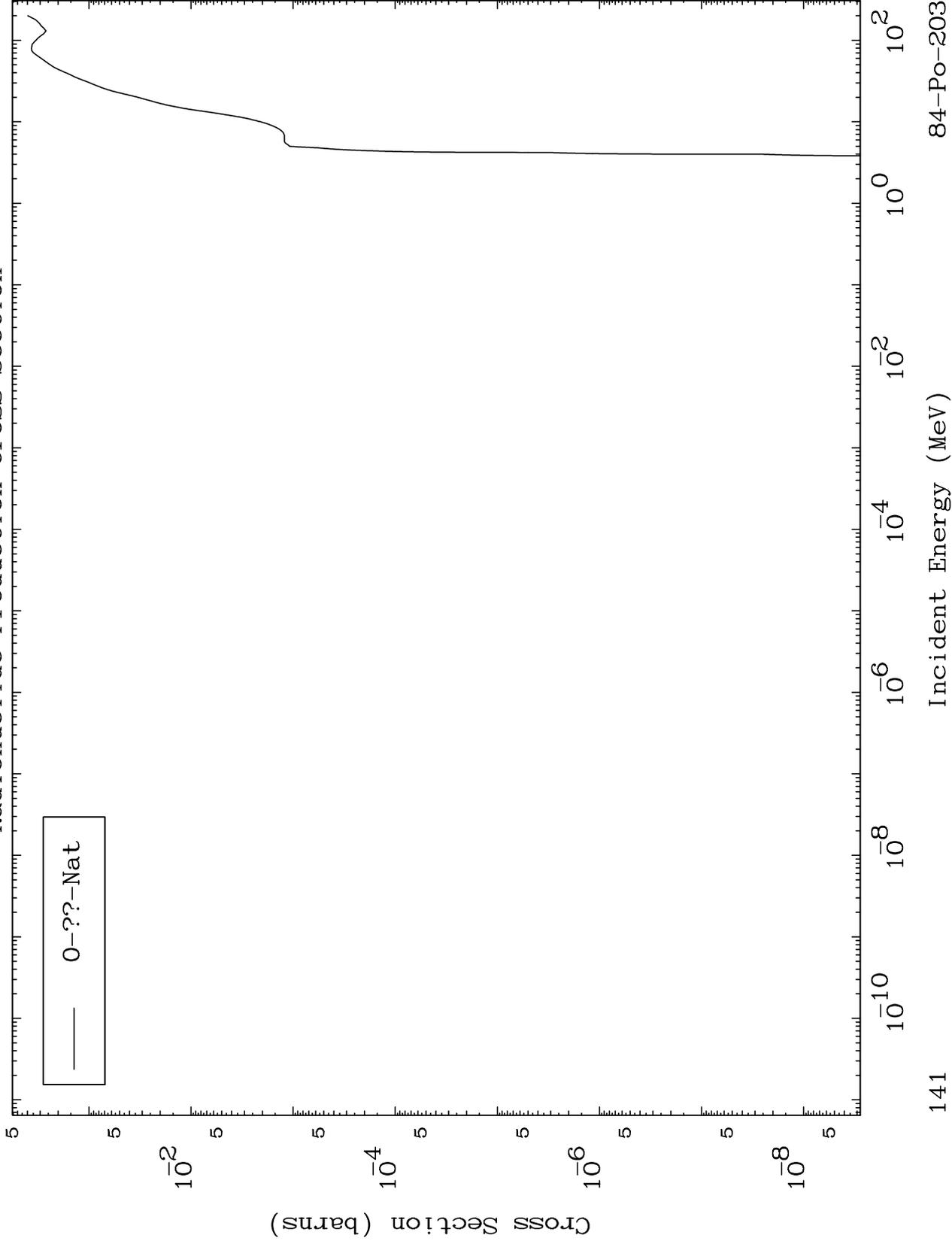
84-Po-203

MAT 8416

Fission

84-Po-203

Radionuclide Production Cross Section



141

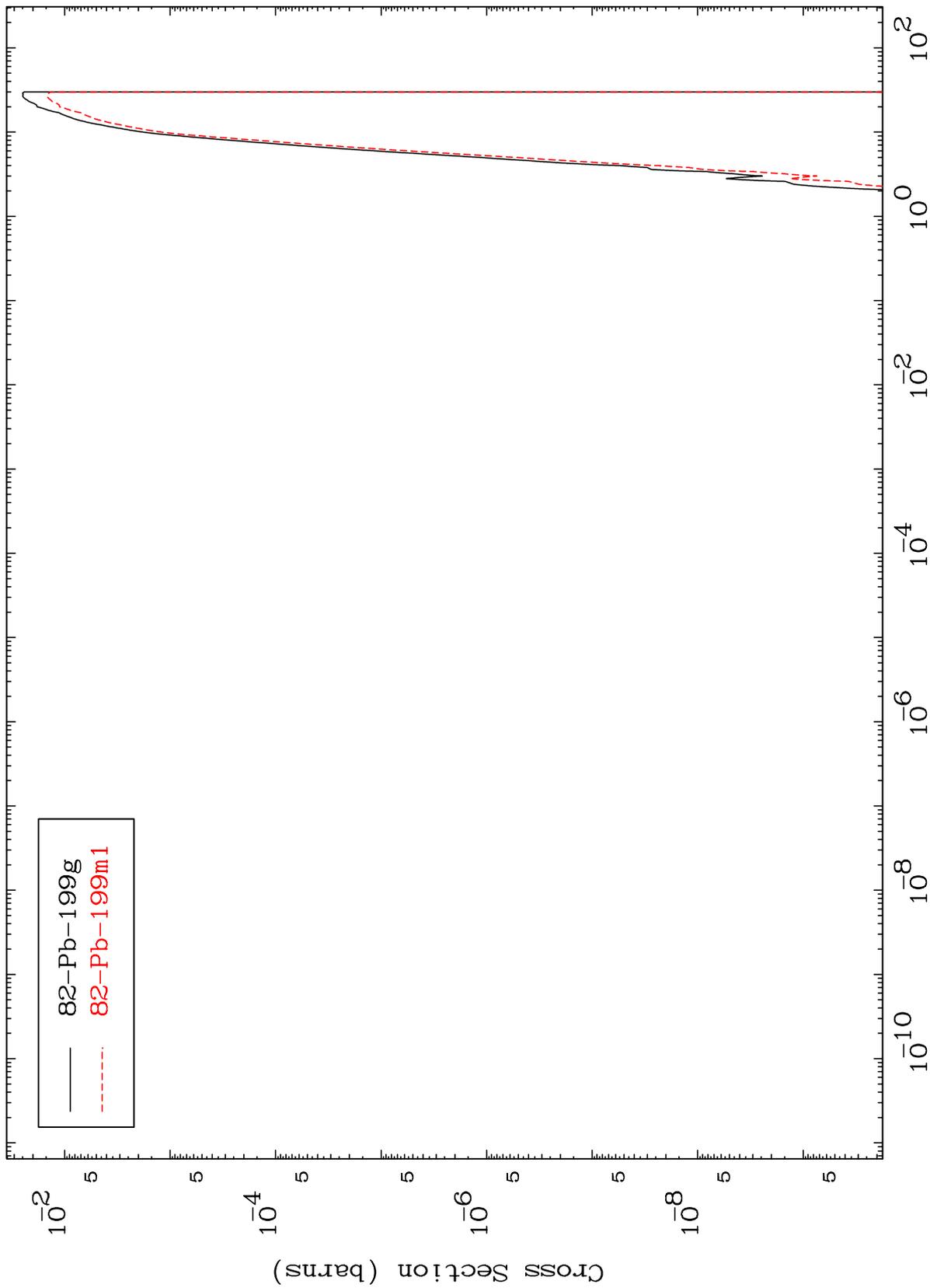
84-Po-203

MAT 8416

$(n, n') \alpha$

84-Po-203

Radionuclide Production Cross Section



142

Incident Energy (MeV)

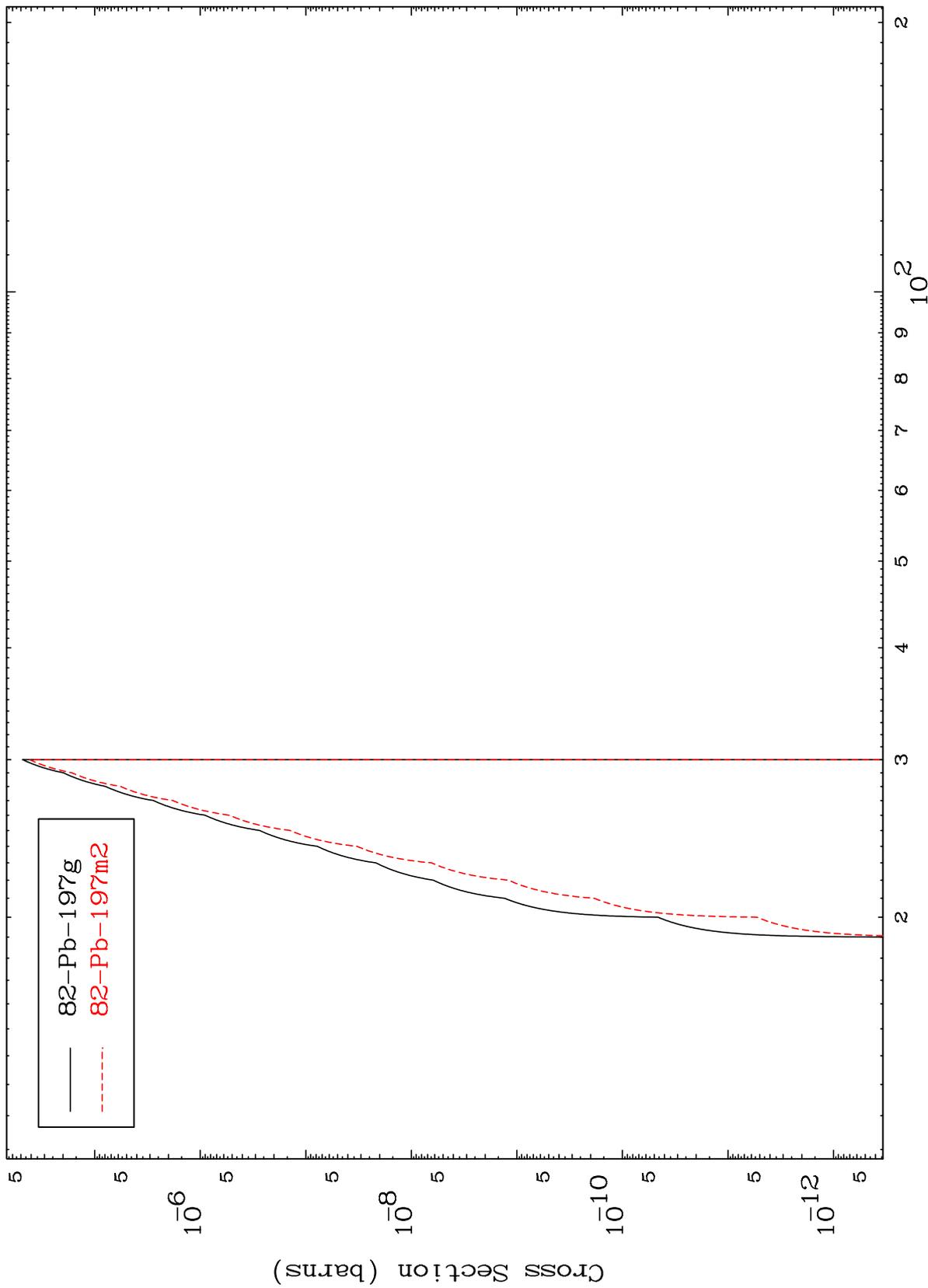
84-Po-203

MAT 8416

(n,3n) α

84-Po-203

Radionuclide Production Cross Section



143

Incident Energy (MeV)

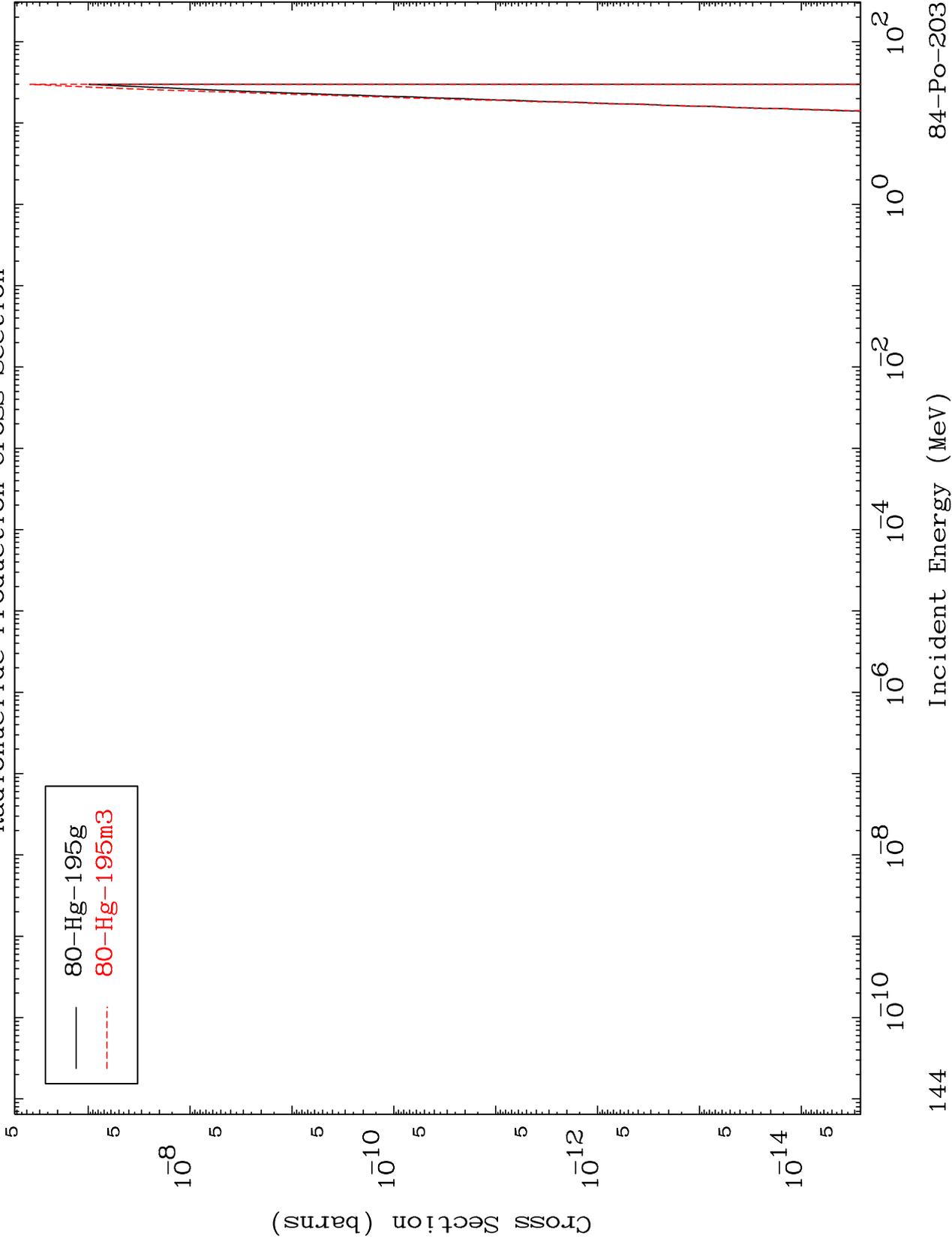
84-Po-203

MAT 8416

(n,n') 2α

84-Po-203

Radionuclide Production Cross Section



144

Incident Energy (MeV)

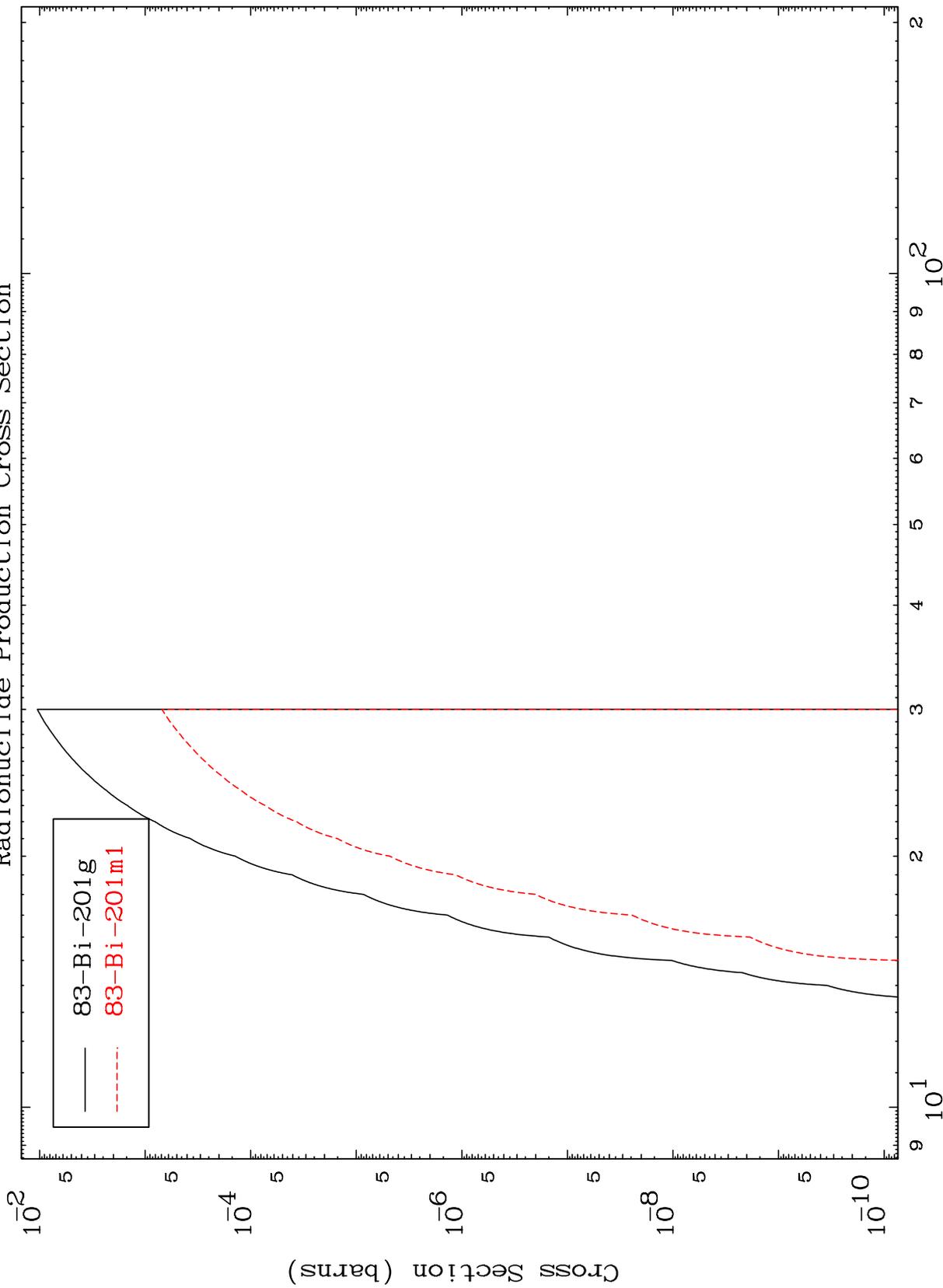
84-Po-203

MAT 8416

(n,n') d

84-Po-203

Radionuclide Production Cross Section

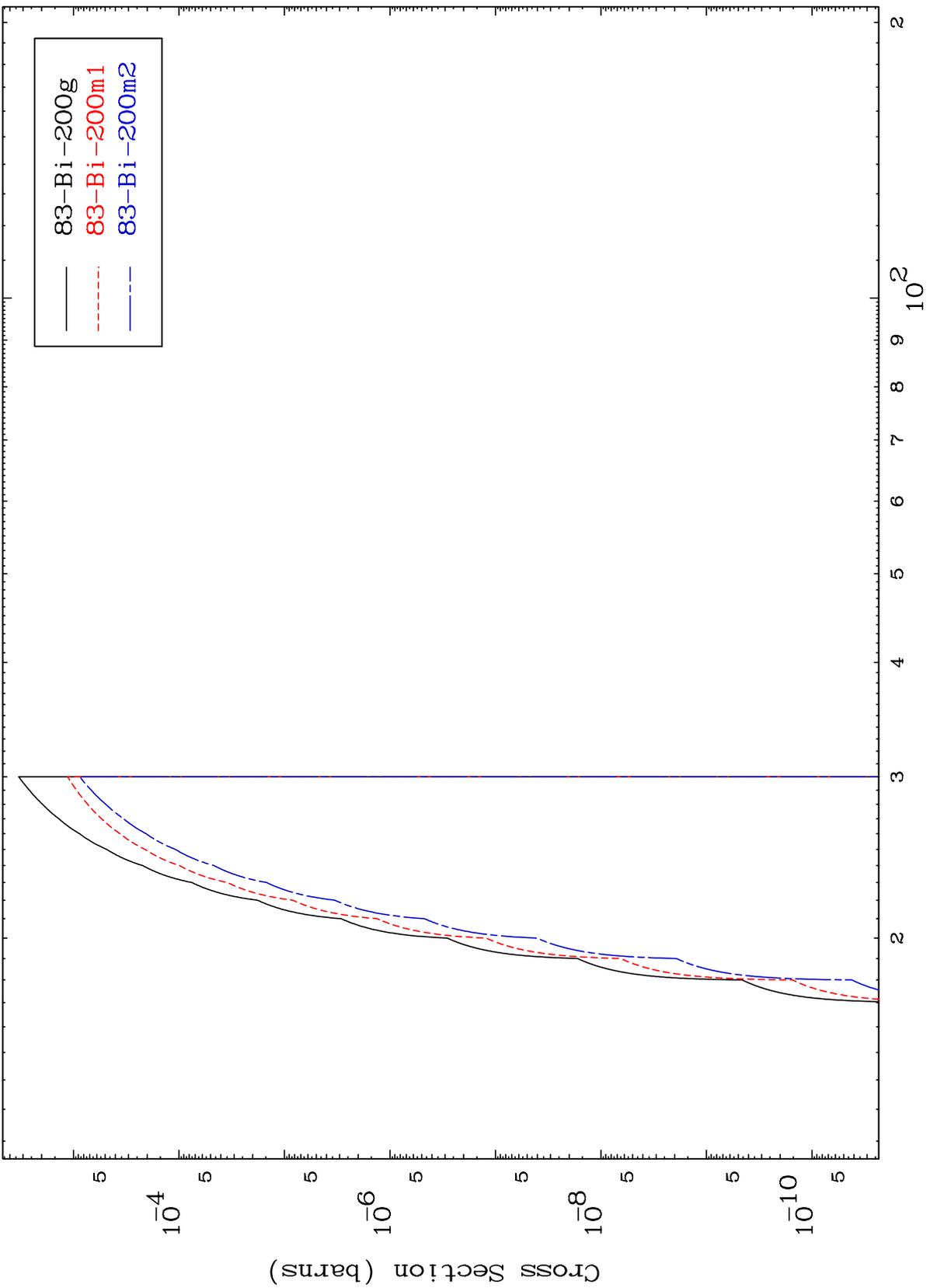


Incident Energy (MeV)

84-Po-203

145

Radionuclide Production Cross Section

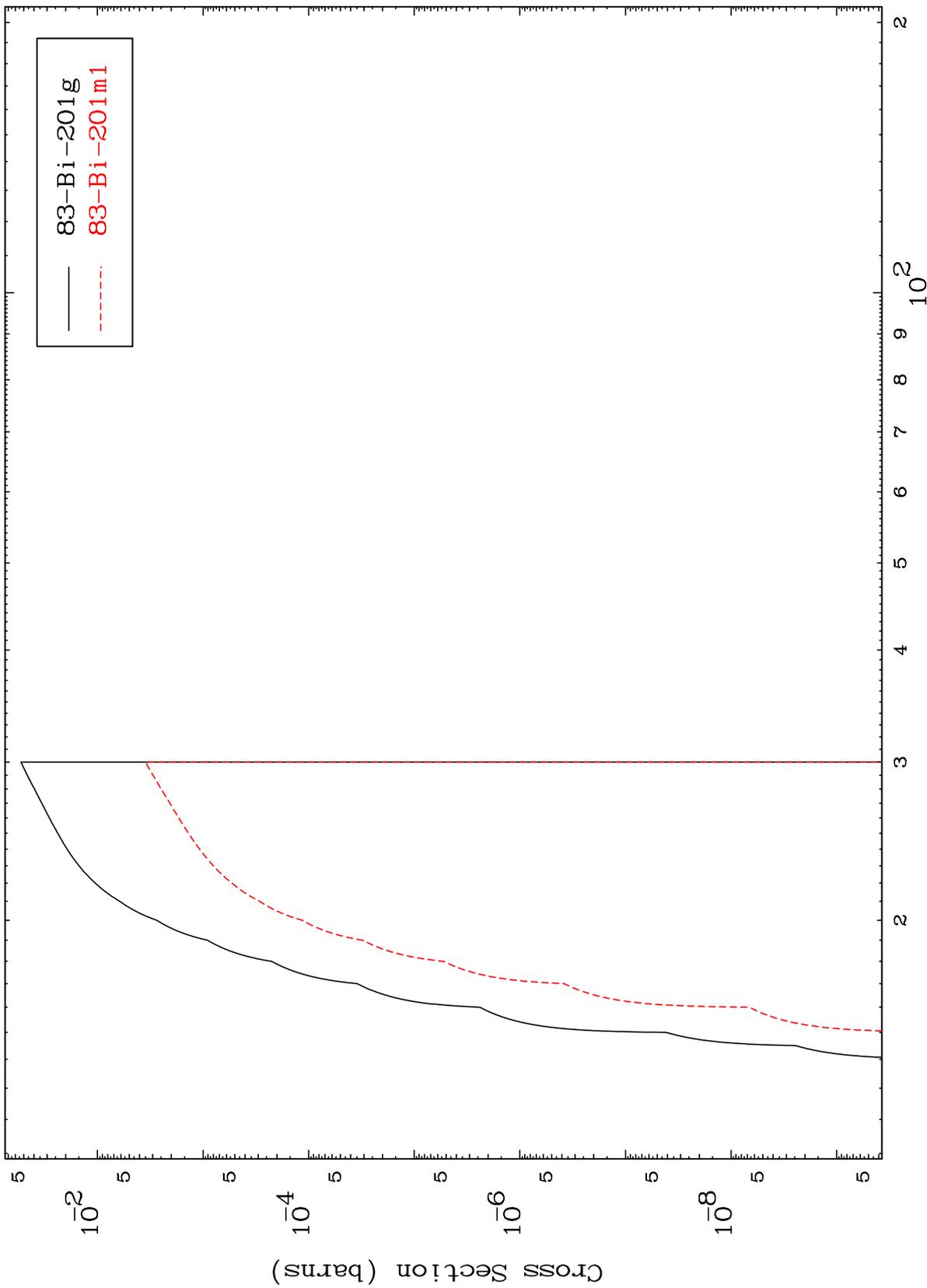


MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



147

Incident Energy (MeV)

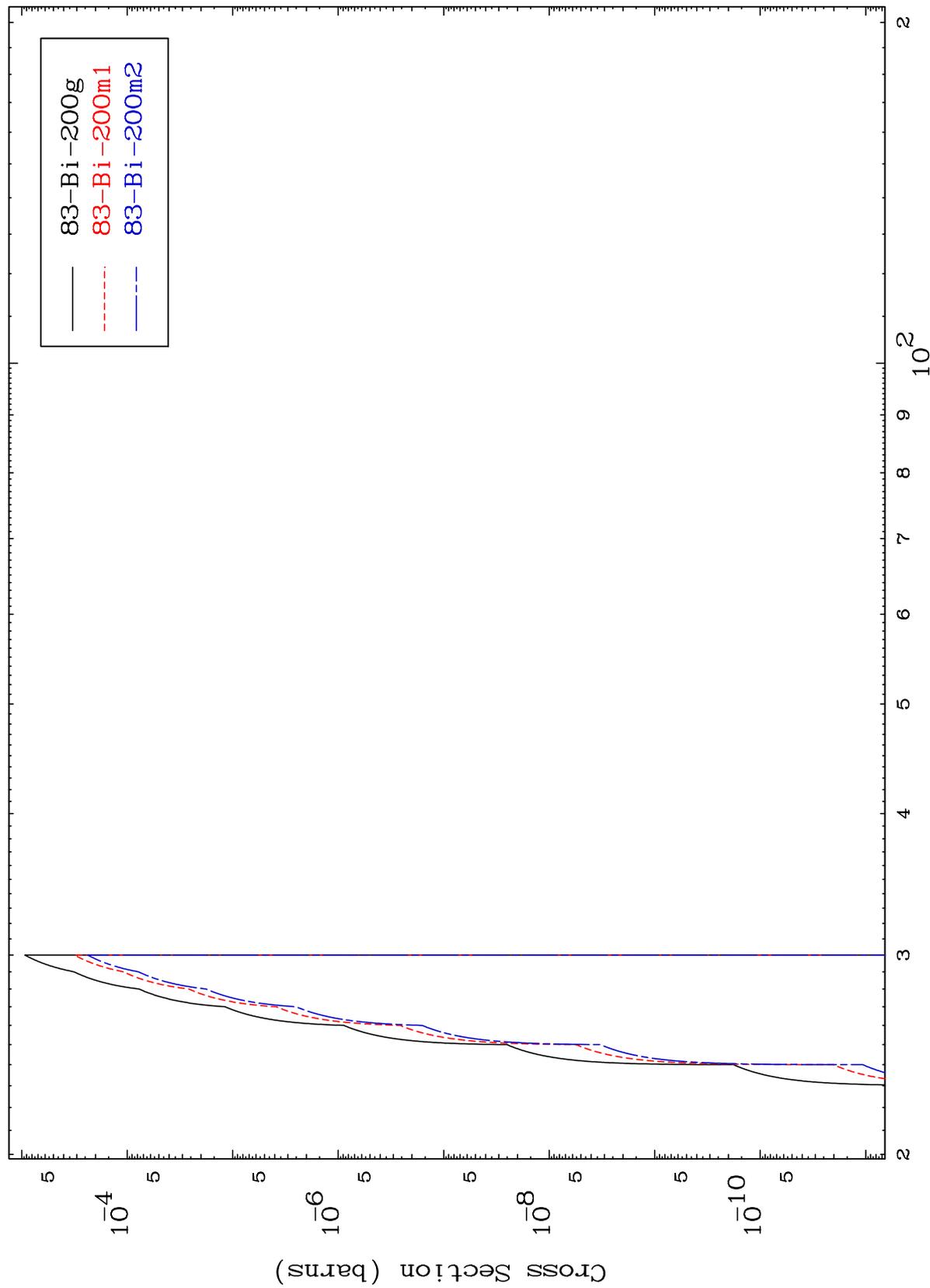
84-Po-203

MAT 8416

(n,3n) p

84-Po-203

Radionuclide Production Cross Section



148

Incident Energy (MeV)

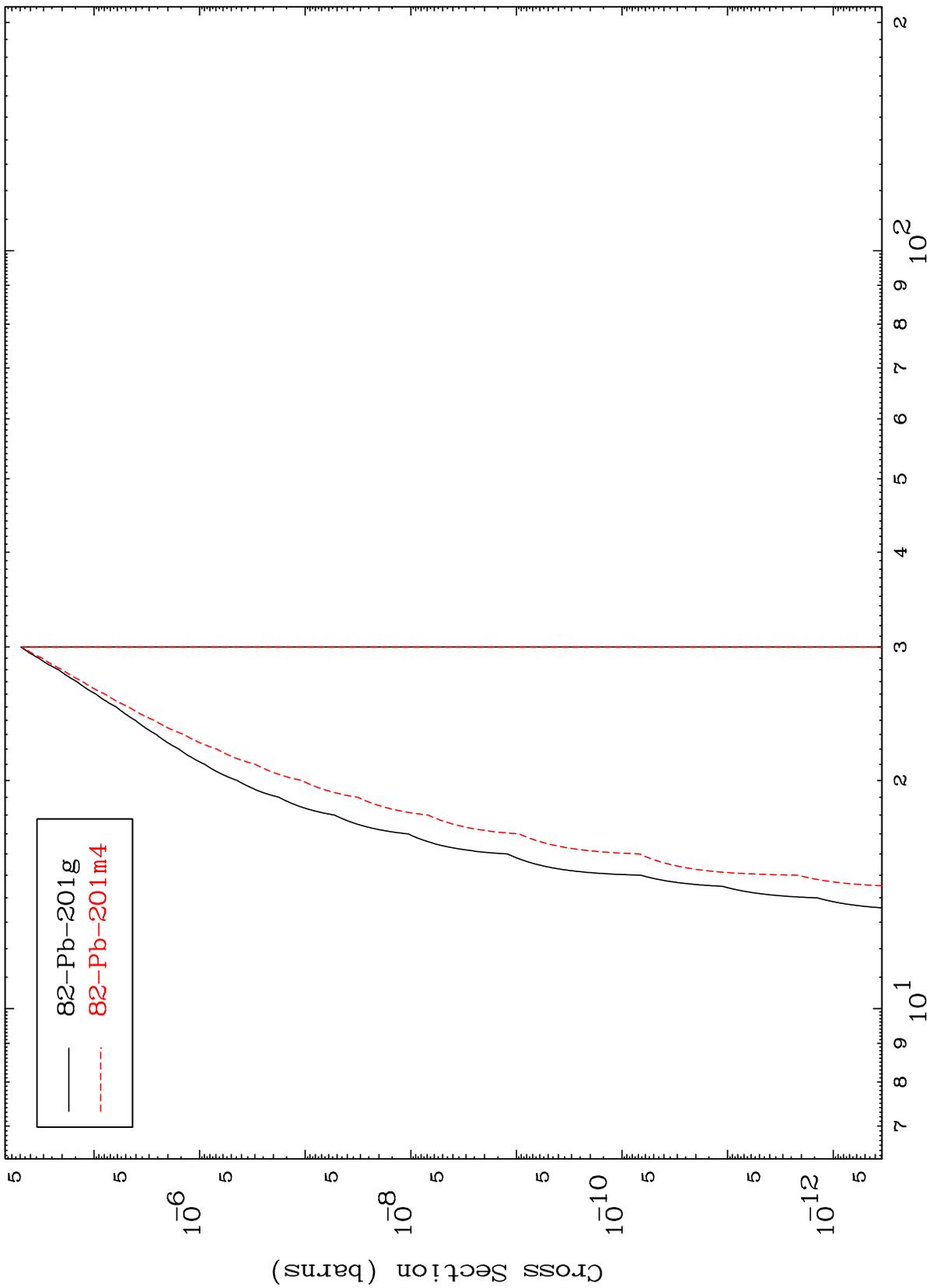
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



149

Incident Energy (MeV)

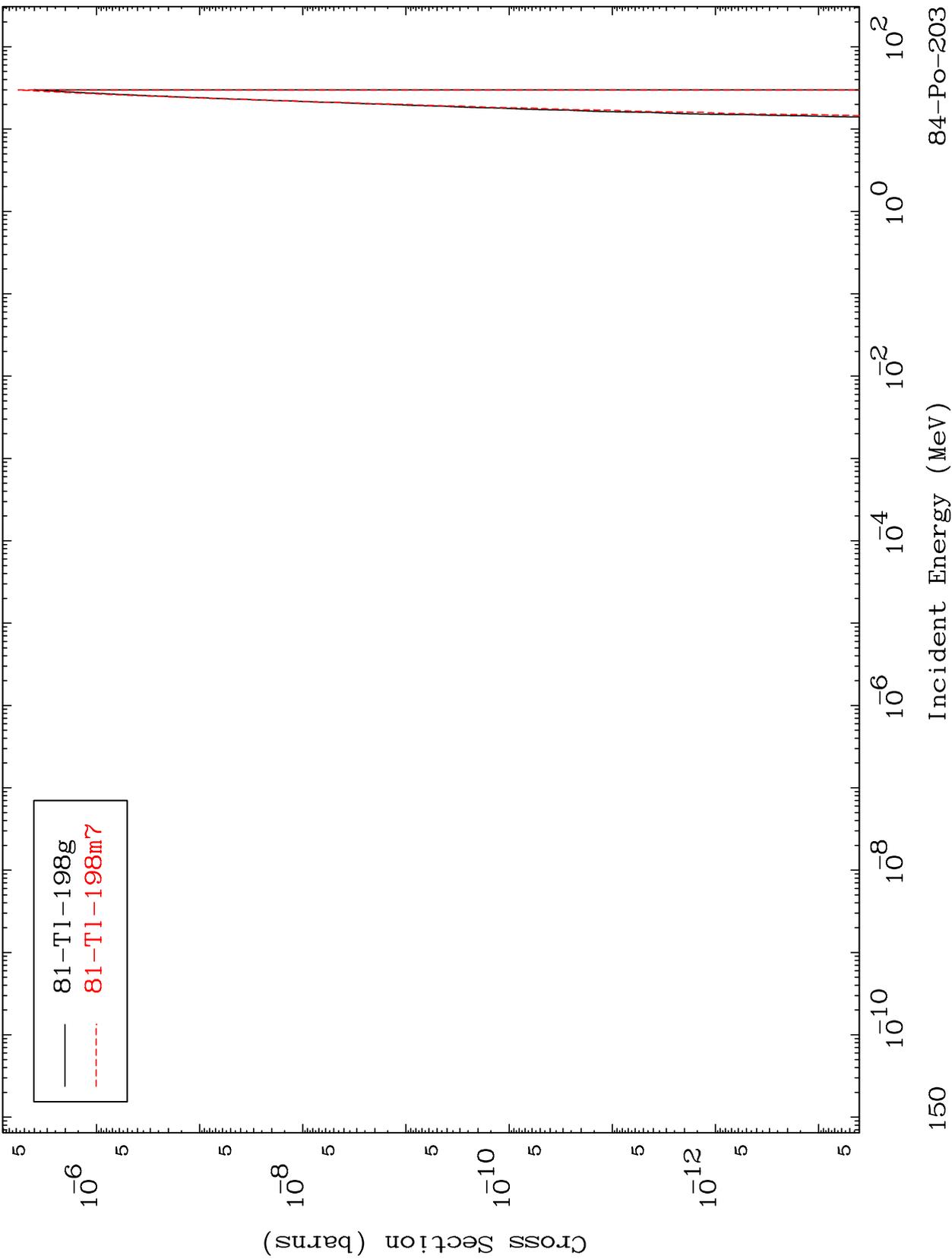
84-Po-203

MAT 8416

(n,n') p α

84-Po-203

Radionuclide Production Cross Section



150

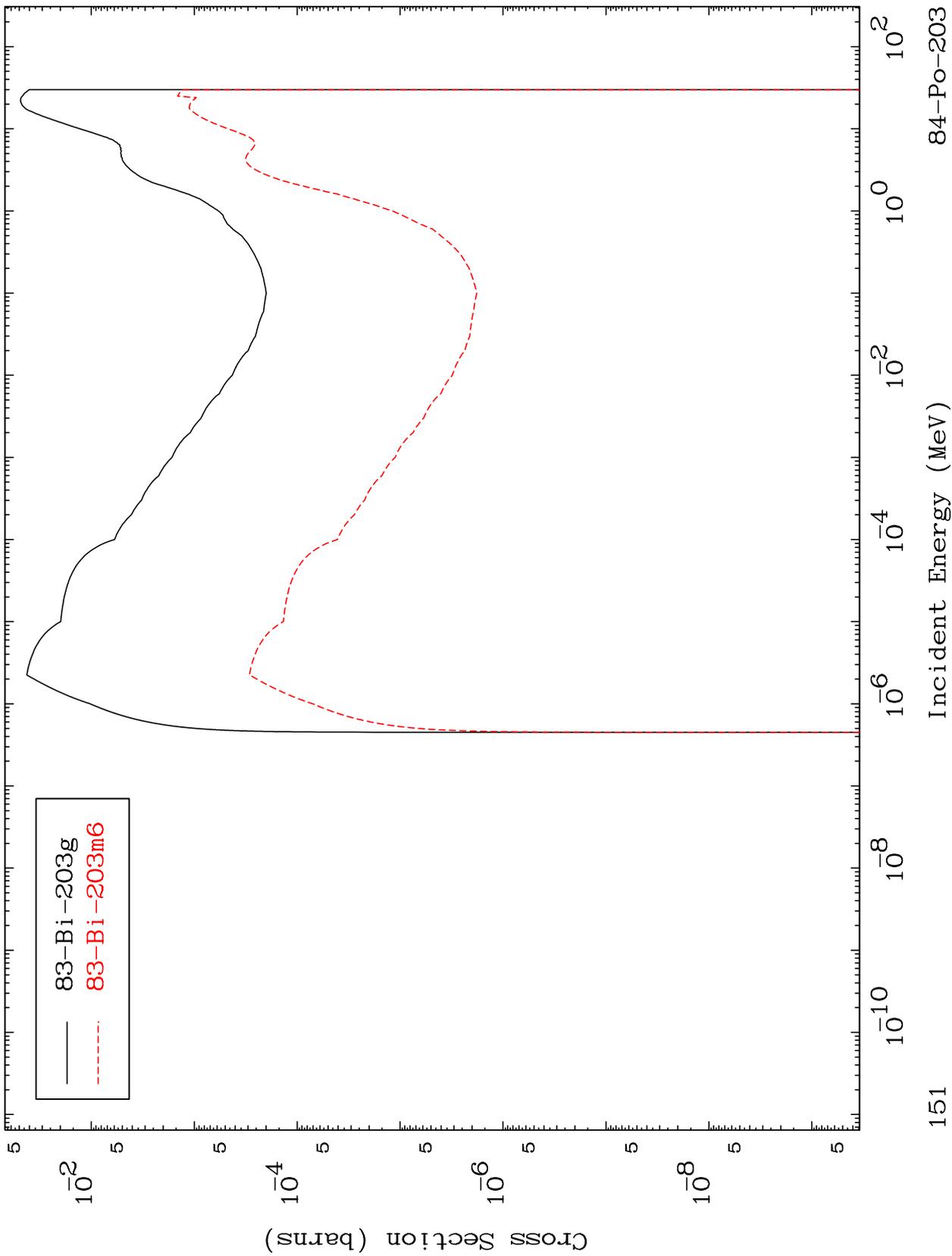
Incident Energy (MeV)

84-Po-203

MAT 8416

84-Po-203

(n,p)
Radionuclide Production Cross Section



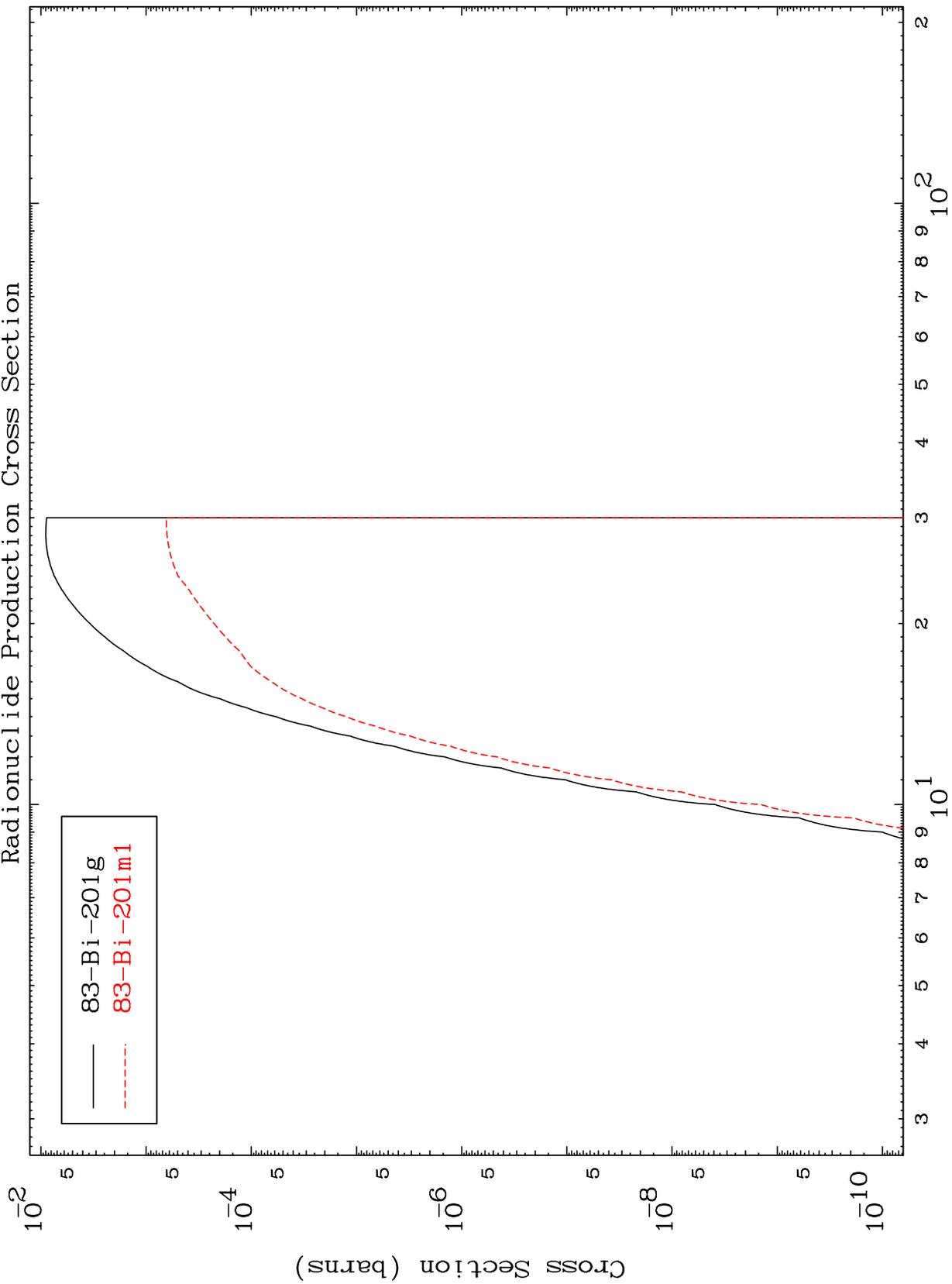
151

84-Po-203

MAT 8416

84-Po-203

(n, t)
Radionuclide Production Cross Section



152

Incident Energy (MeV)

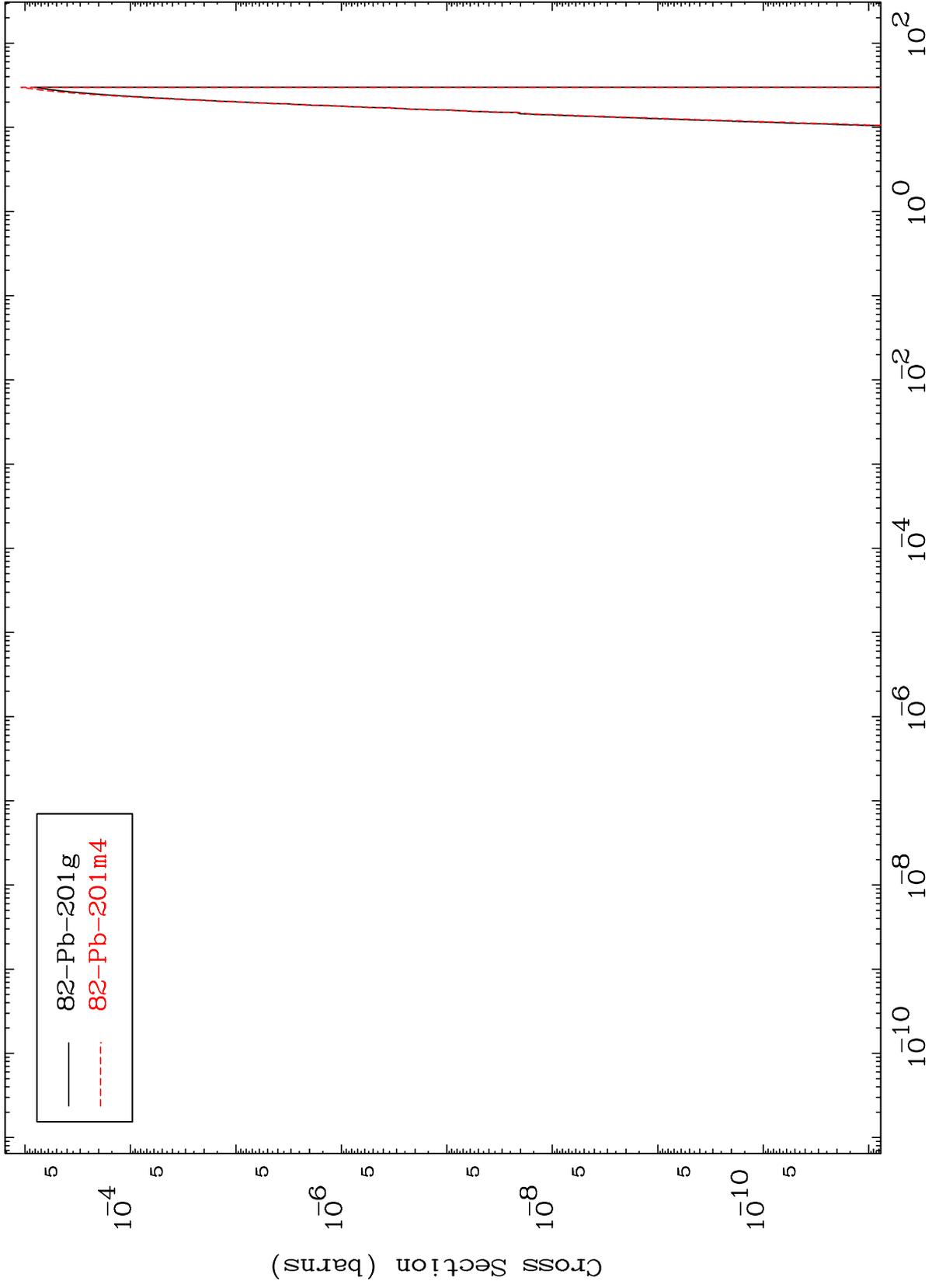
84-Po-203

MAT 8416

(n,He-3)

84-Po-203

Radionuclide Production Cross Section



153

Incident Energy (MeV)

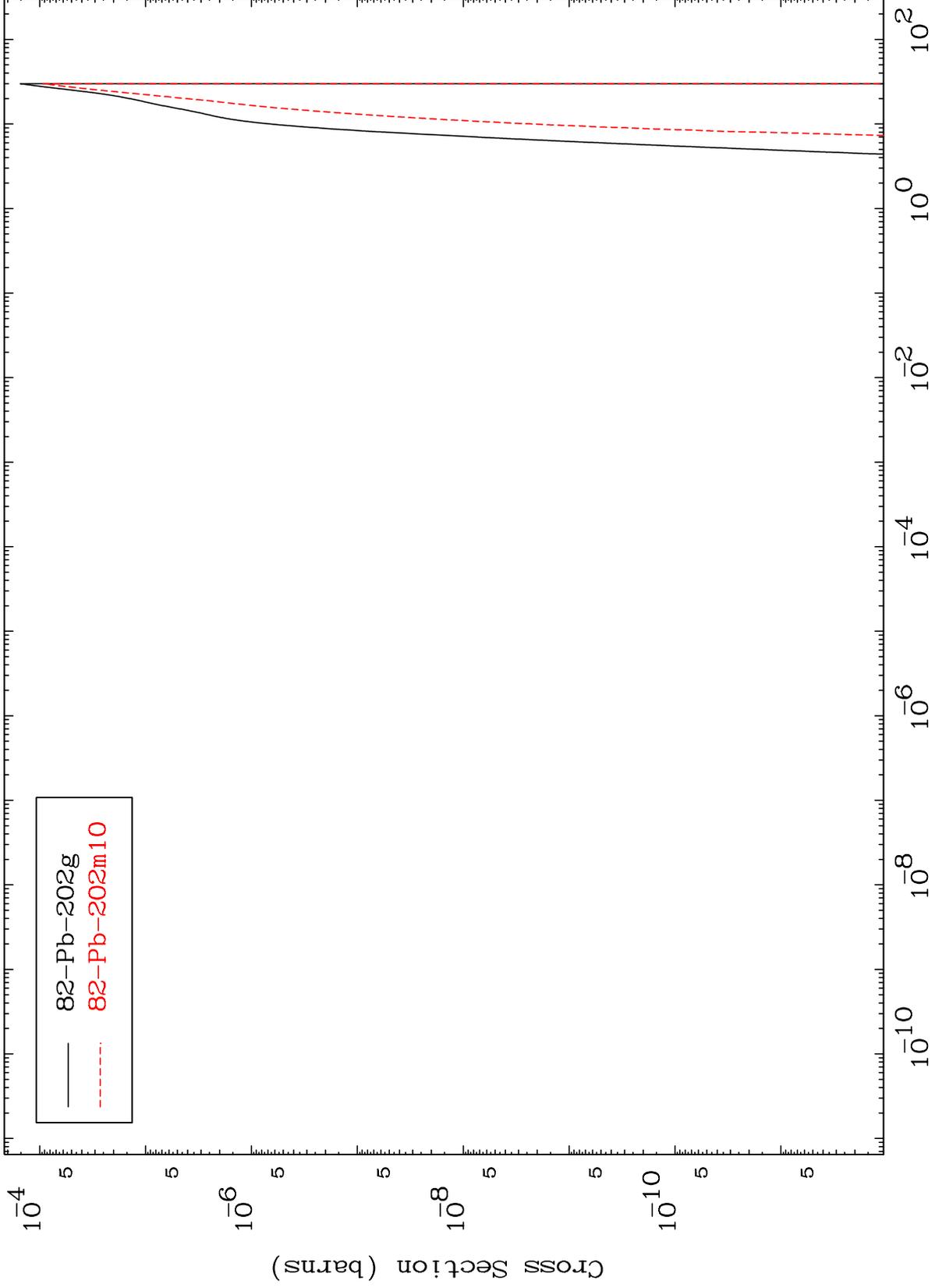
84-Po-203

MAT 8416

(n,2p)

84-Po-203

Radionuclide Production Cross Section



154

Incident Energy (MeV)

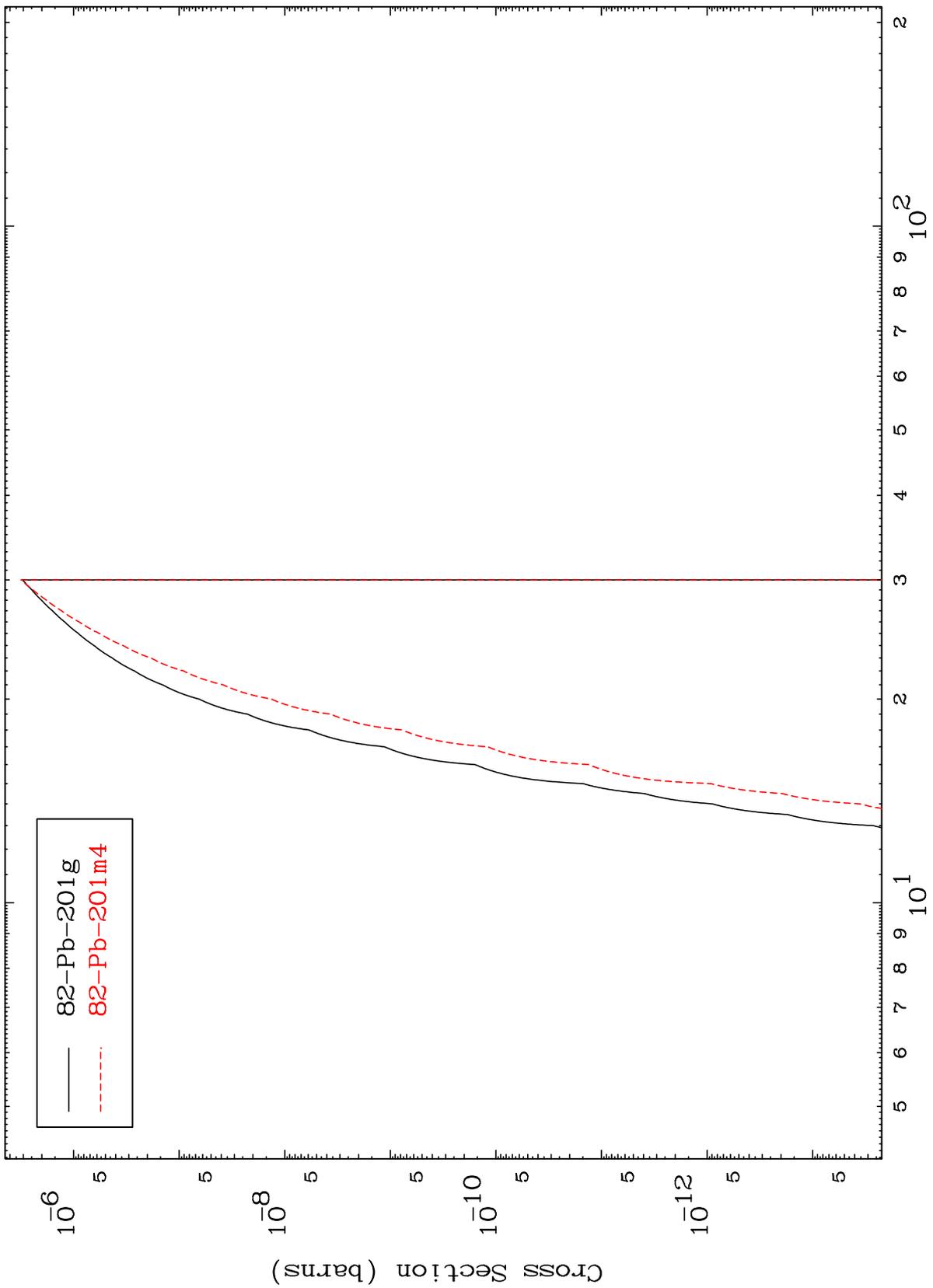
84-Po-203

MAT 8416

(n,p) d

84-Po-203

Radionuclide Production Cross Section



82-Pb-201g
82-Pb-201m4

155

Incident Energy (MeV)

84-Po-203

MAT 8416

(n,d) α

84-Po-203

Radionuclide Production Cross Section

