

Program EVALPLOT
(Version 2017-1)

by

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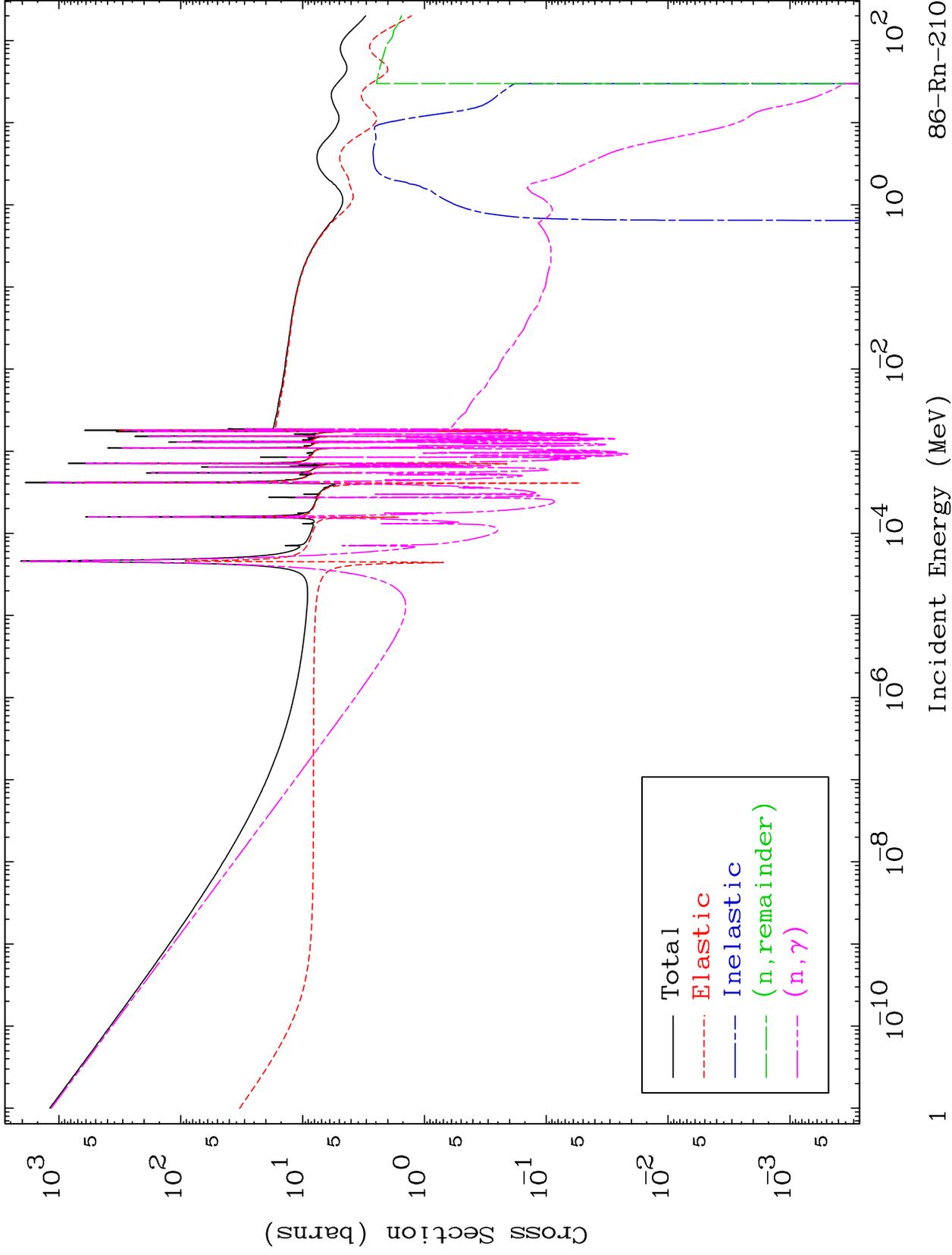
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Press Mouse Button to Start

MAT 86222

Major
293 Kelvin Cross Sections

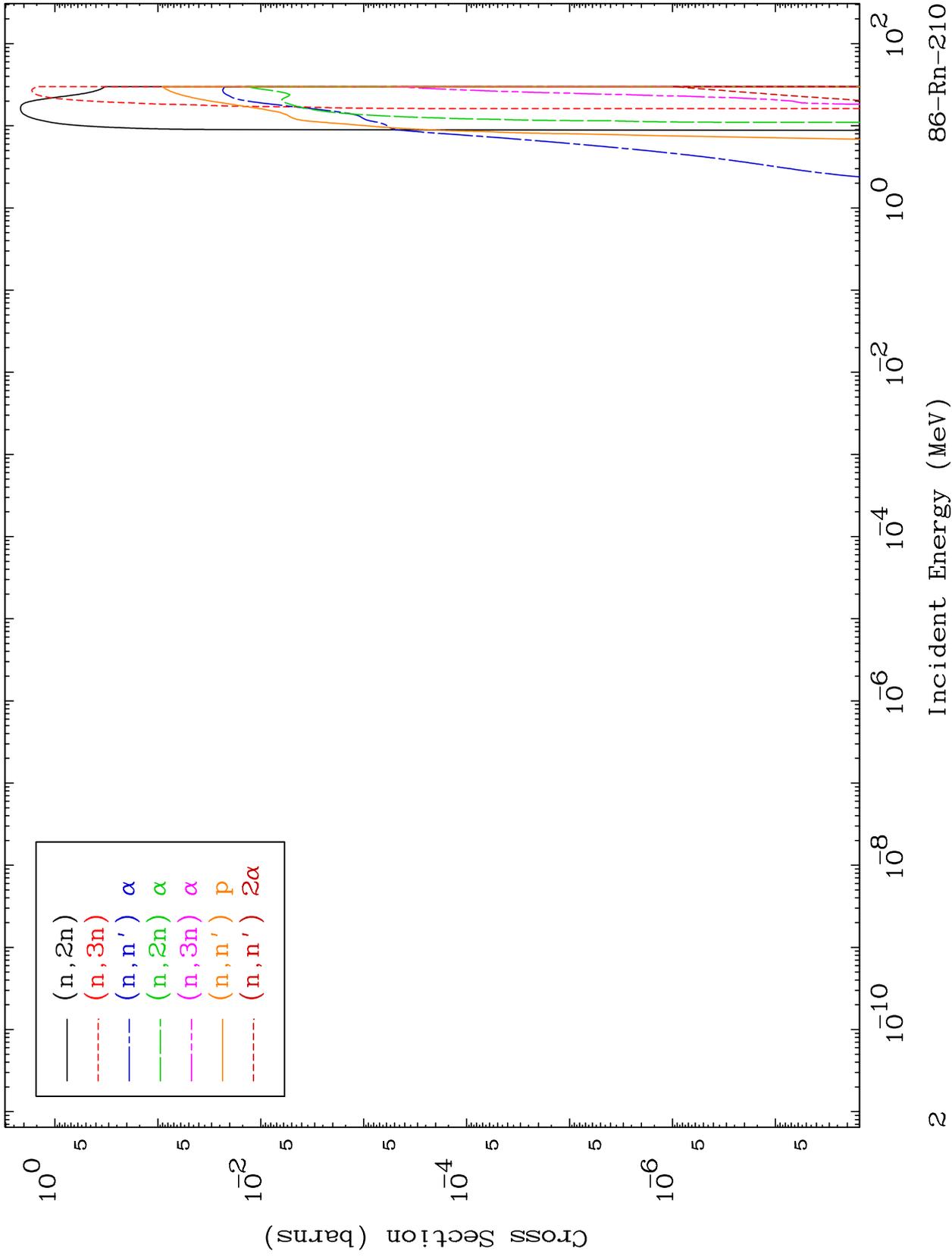
86-Rn-210



MAT 86222

Neutron Production
293 Kelvin Cross Sections

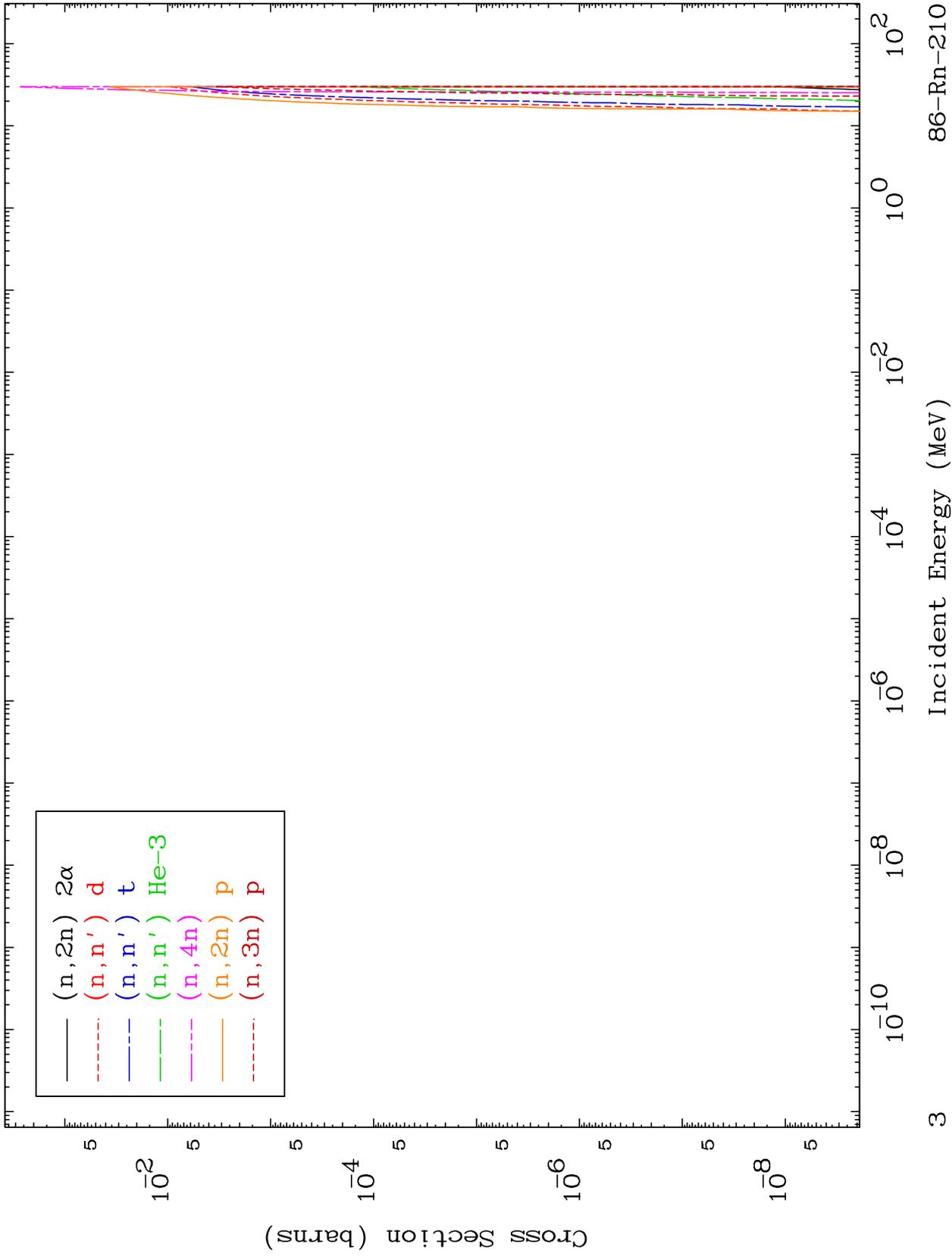
86-Rn-210



MAT 8622

Neutron Production
293 Kelvin Cross Sections

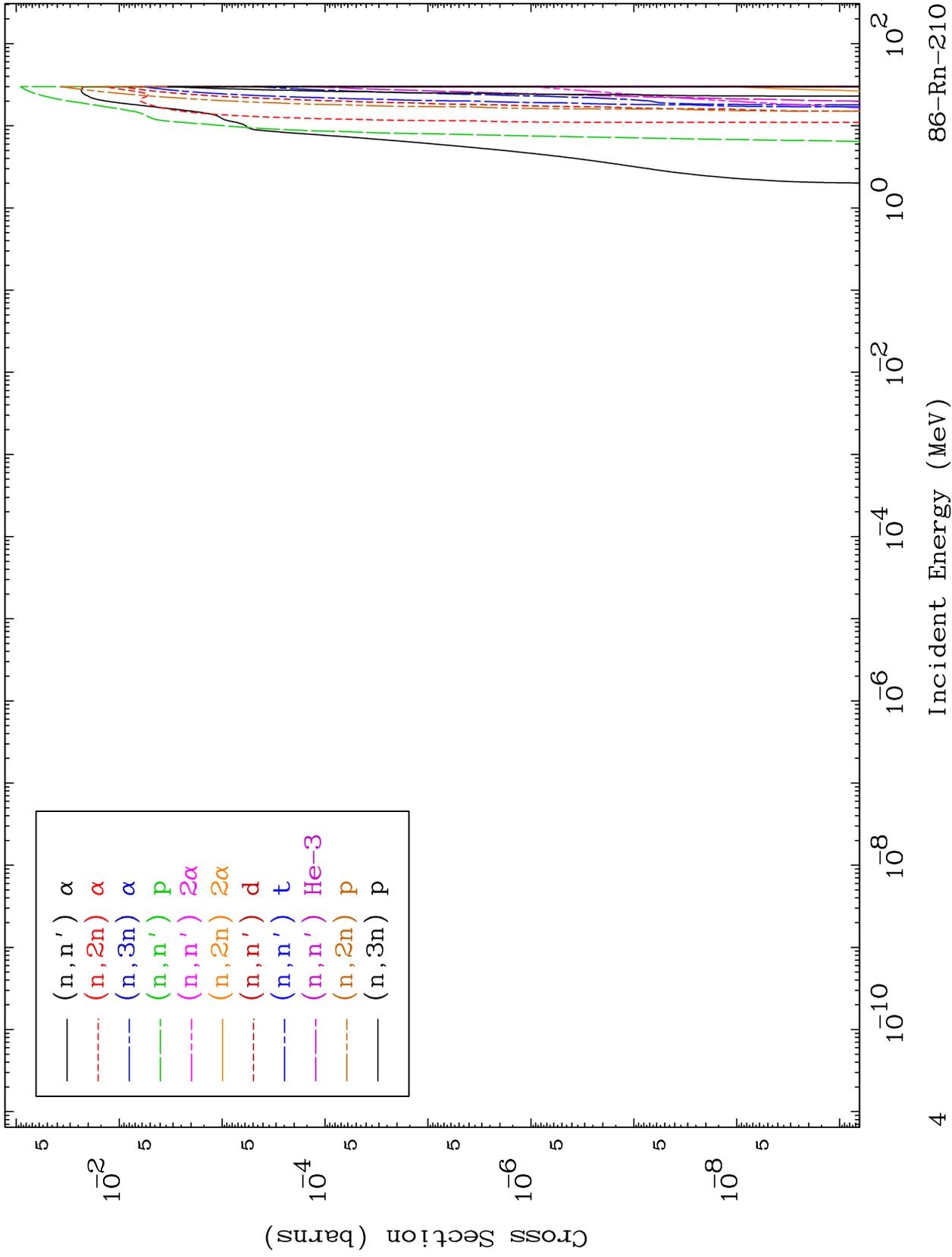
86-Rn-210



MAT 8622

Charged Particle
293 Kelvin Cross Sections

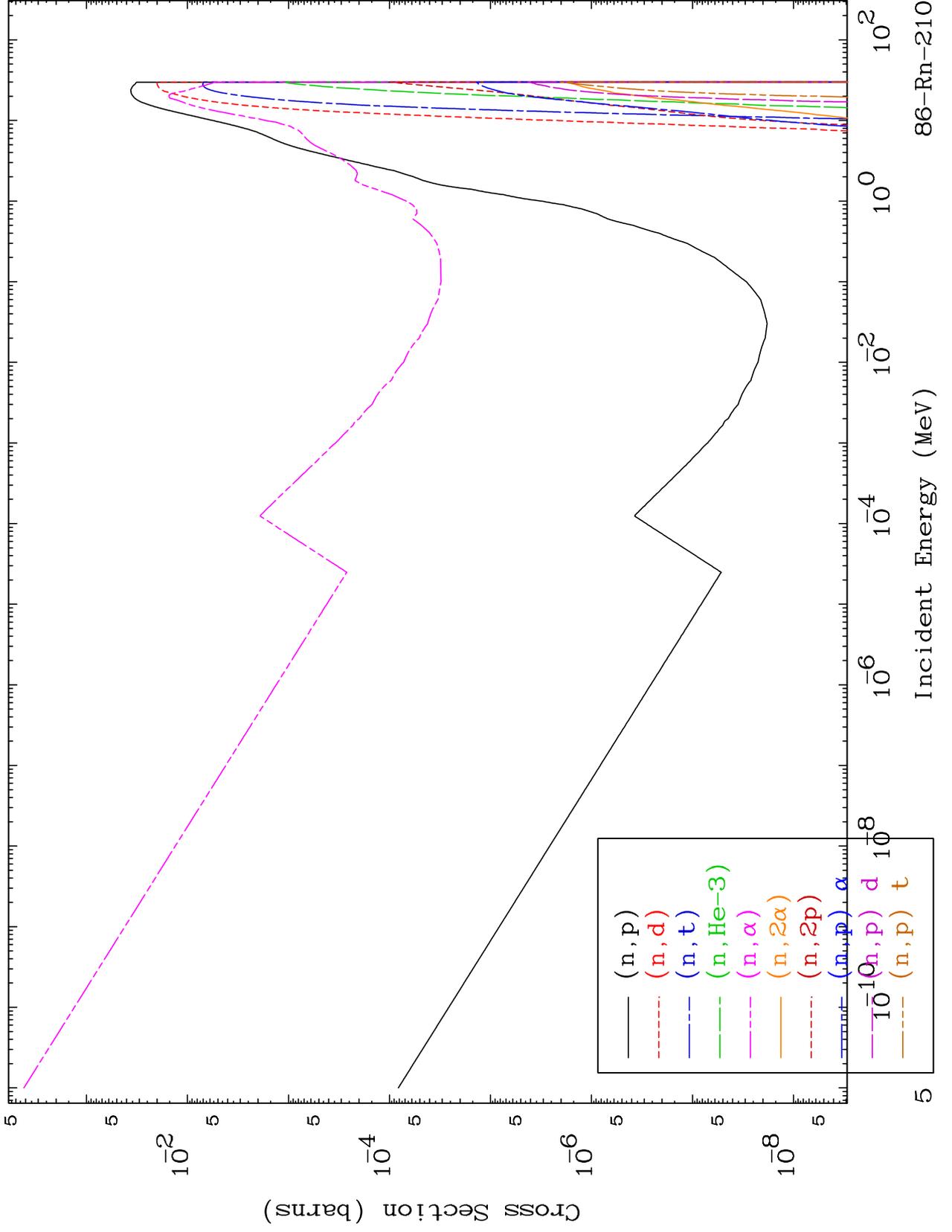
86-Rn-210



MAT 86222

Charged Particle
293 Kelvin Cross Sections

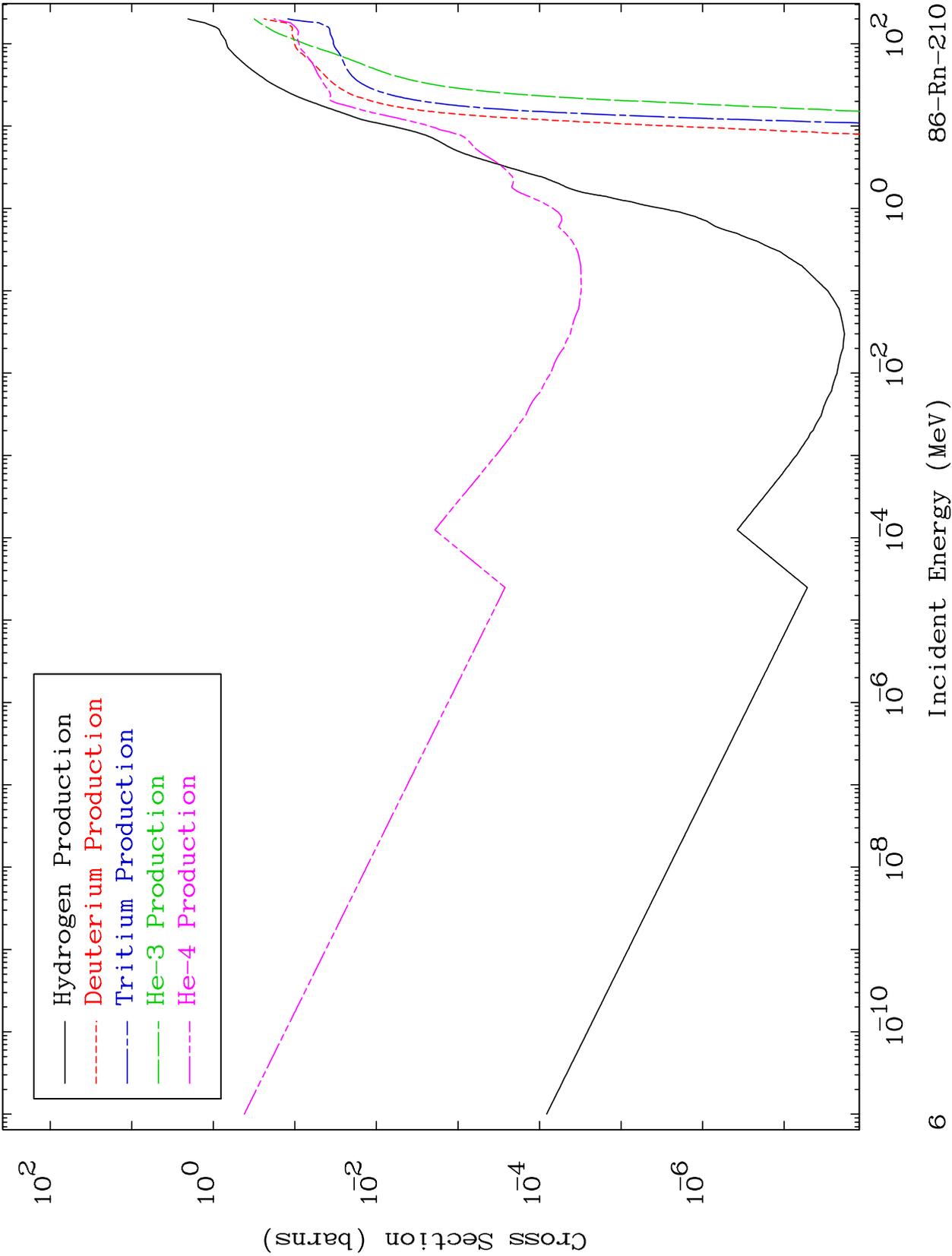
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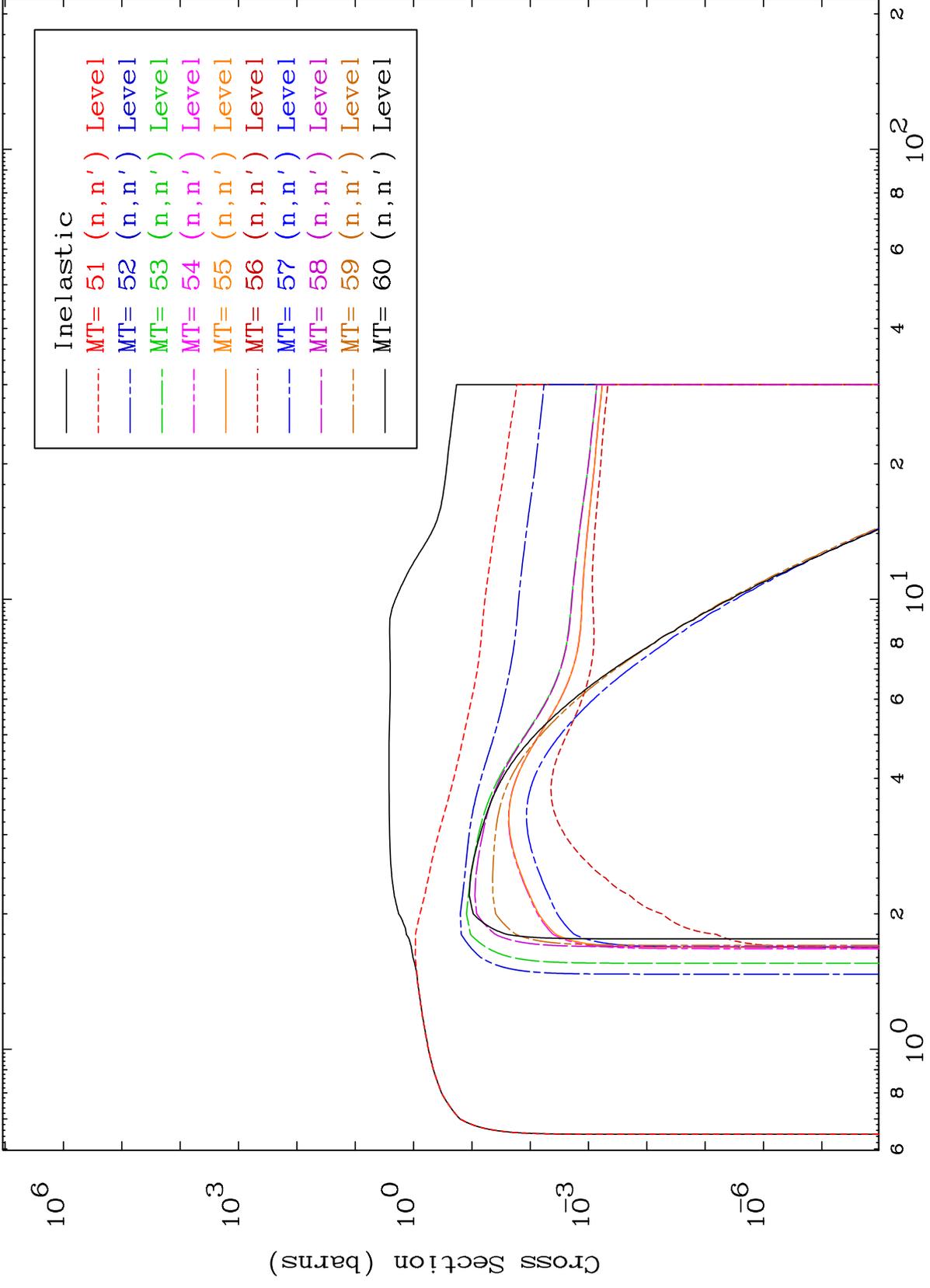
MAT 8622

Particle Production
293 Kelvin Cross Sections

86-Rn-210



293 Kelvin Cross Sections

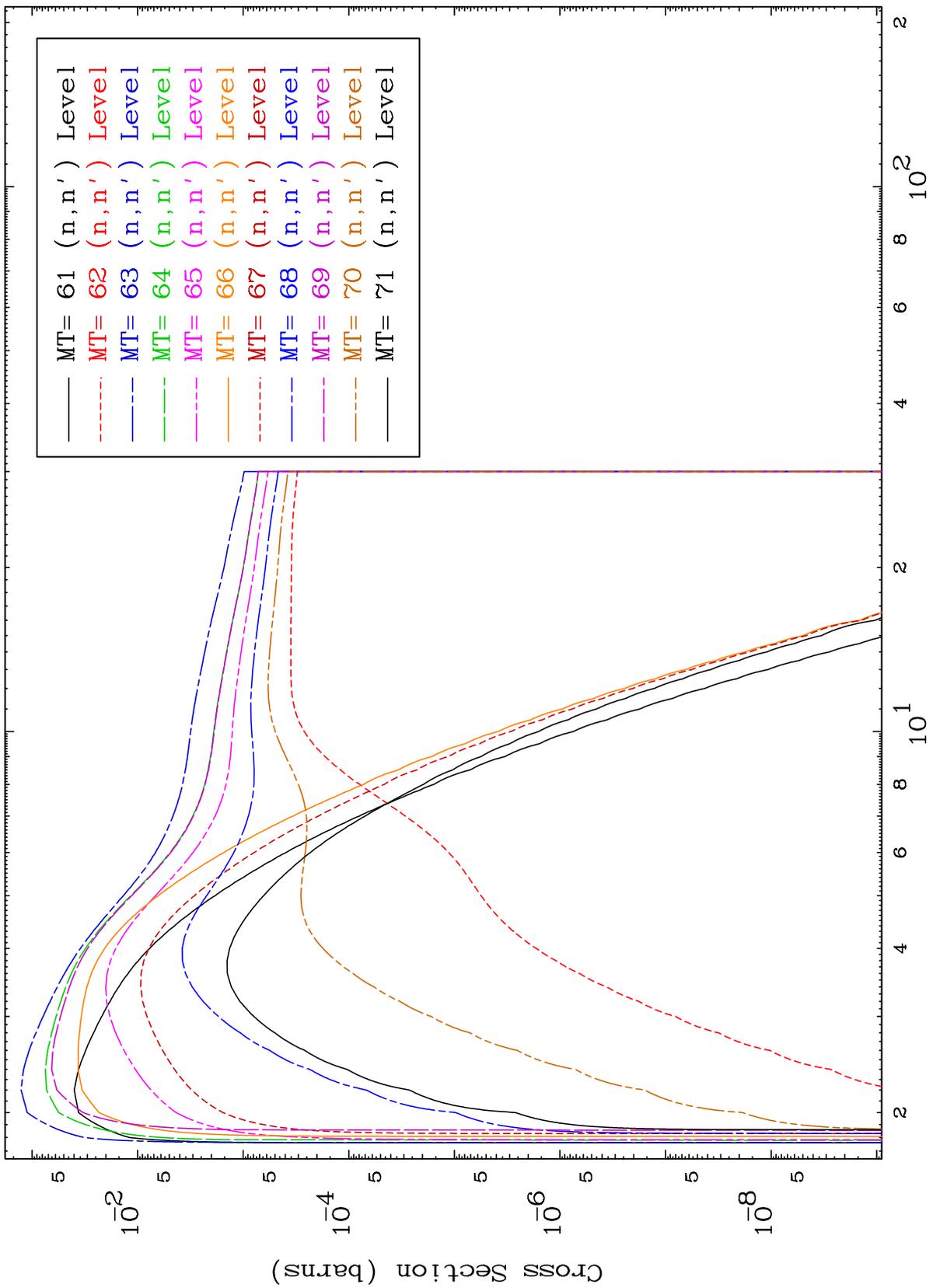


MAT 8622

(n,n') Level

293 Kelvin Cross Sections

86-Rn-210



8

Incident Energy (MeV)

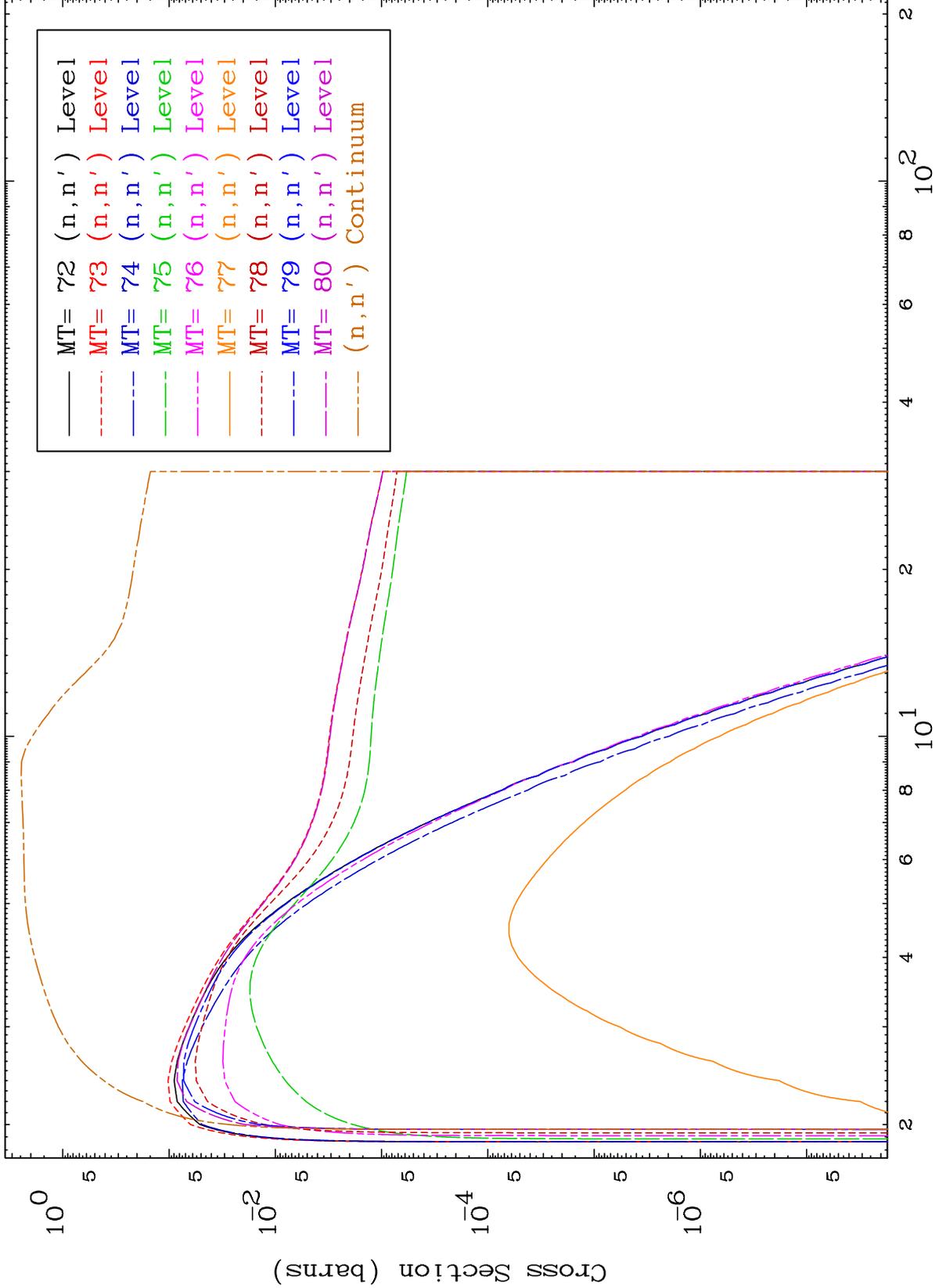
86-Rn-210

MAT 8622

(n,n') Level

86-Rn-210

293 Kelvin Cross Sections



9

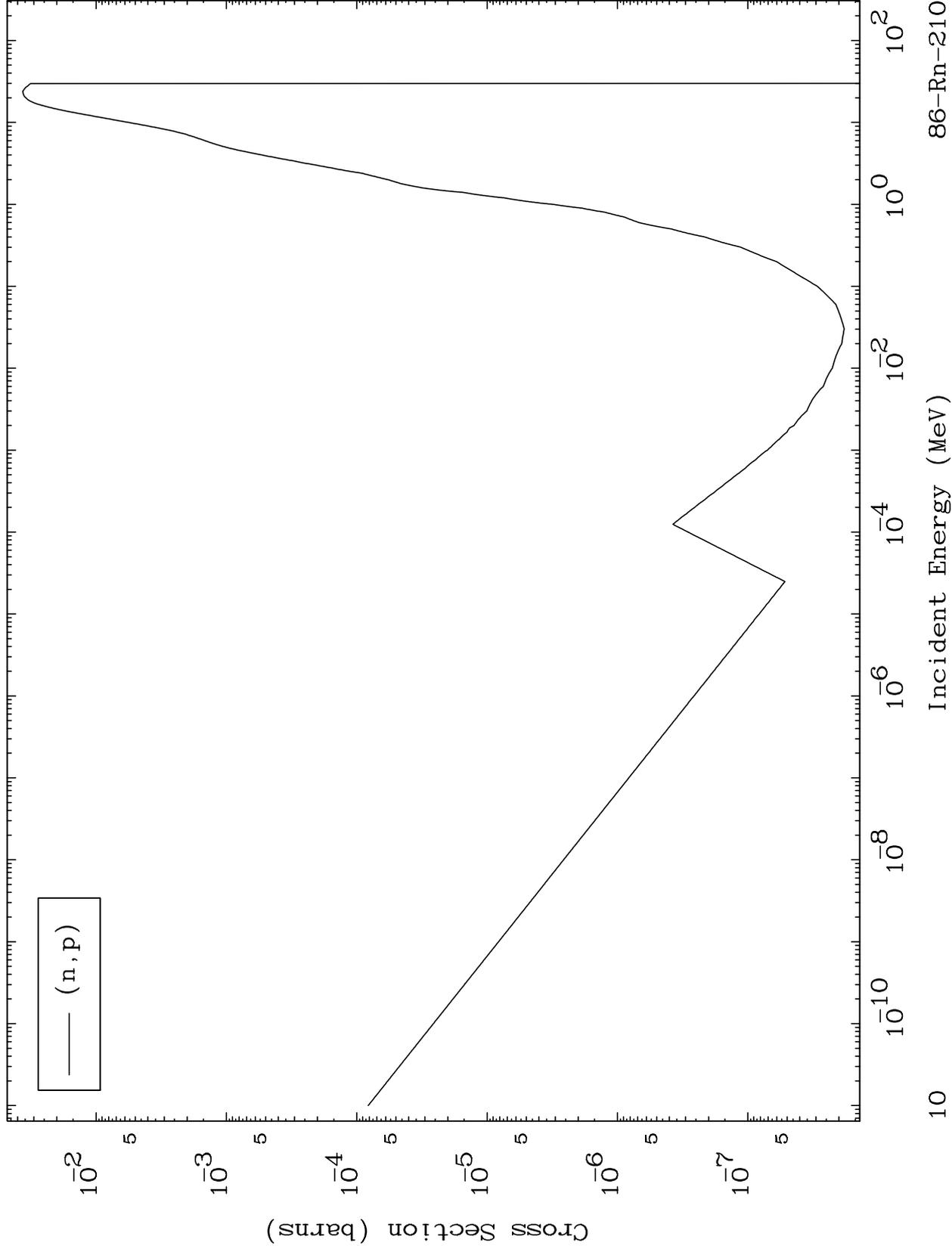
Incident Energy (MeV)

86-Rn-210

MAT 8622

(n,p) Levels
293 Kelvin Cross Sections

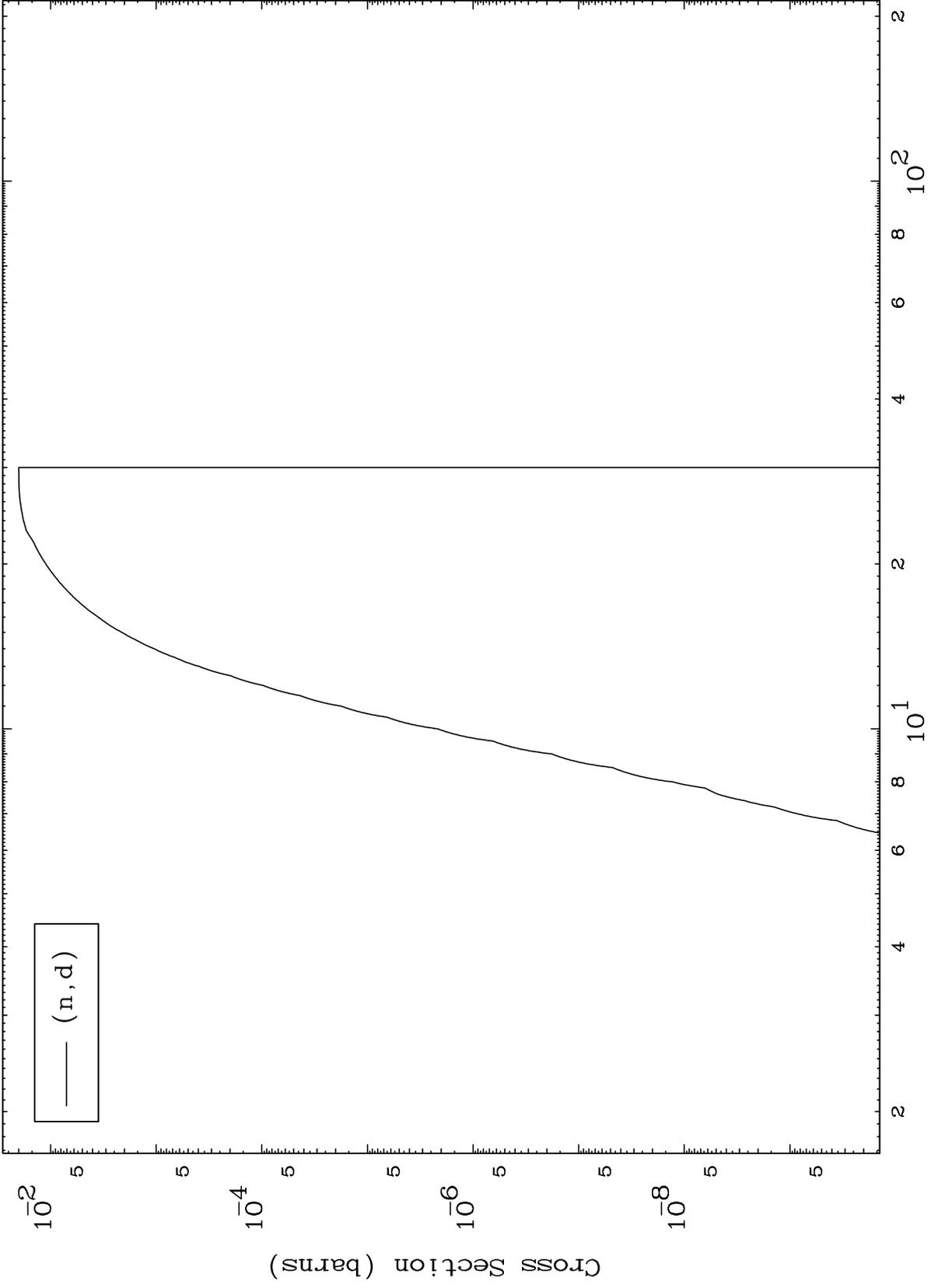
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MAT 8622

(n,d) Levels
293 Kelvin Cross Sections

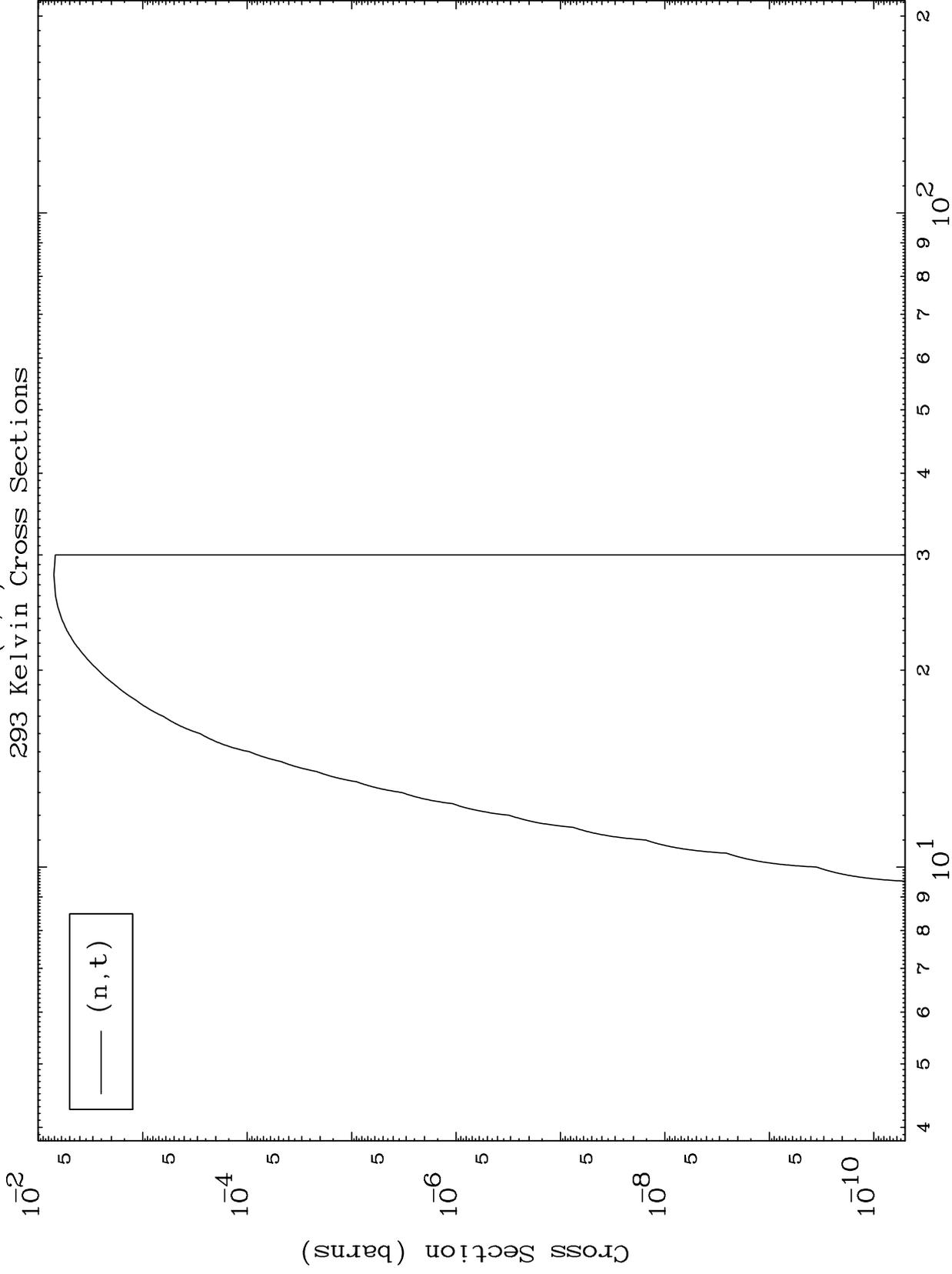
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MAT 8622

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-210



(n,t)

Incident Energy (MeV)

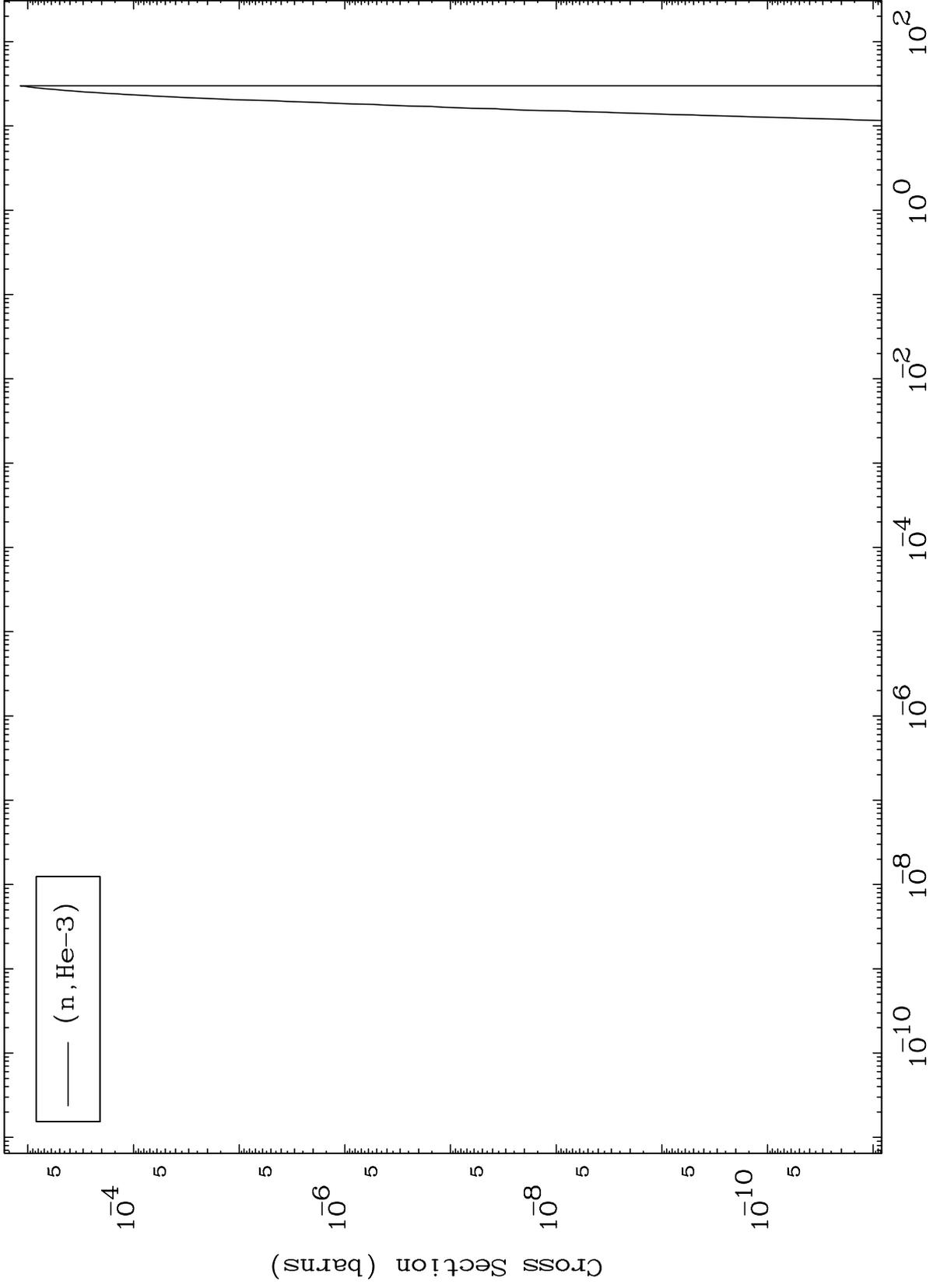
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12

MAT 8622

(n,He3) Levels
293 Kelvin Cross Sections

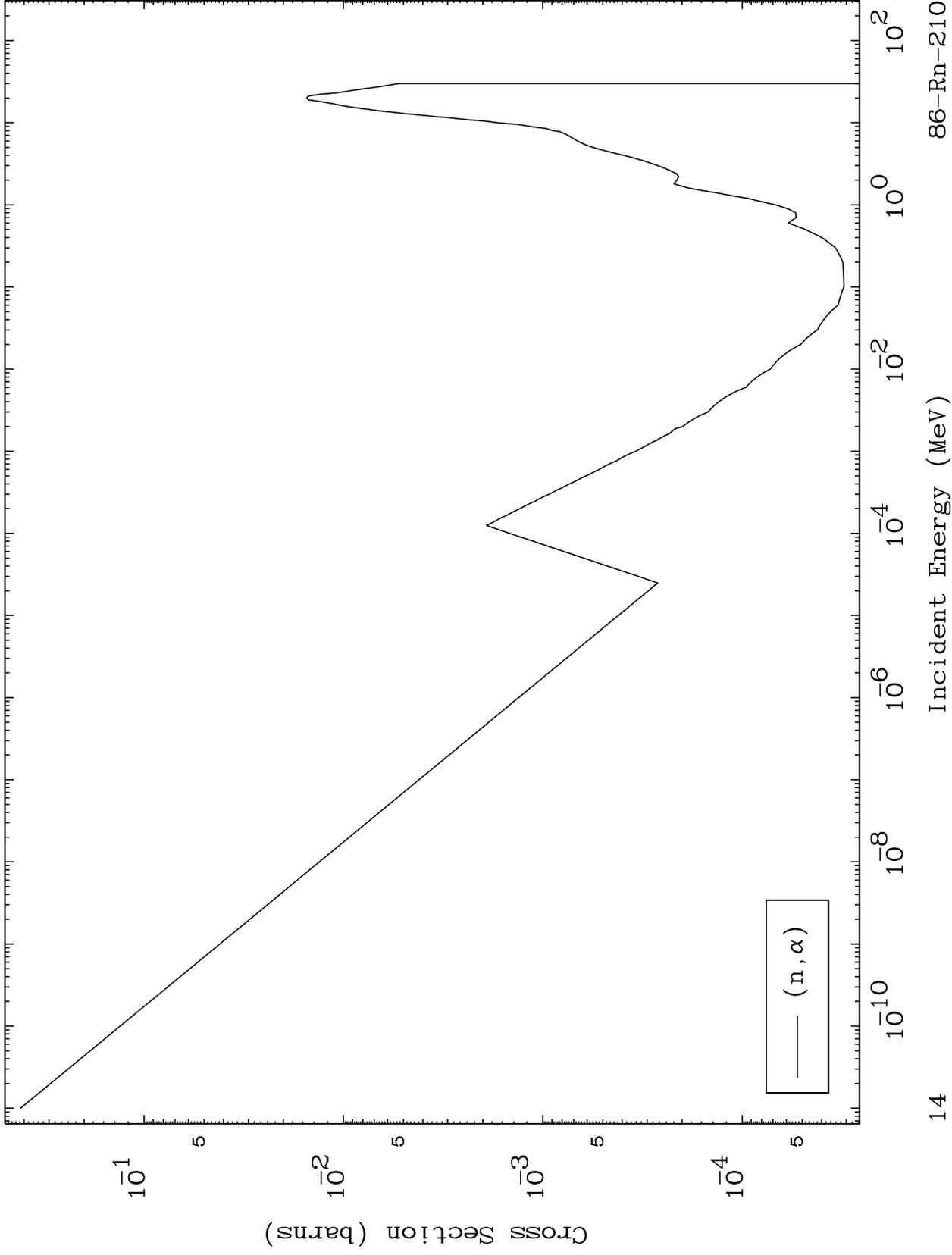
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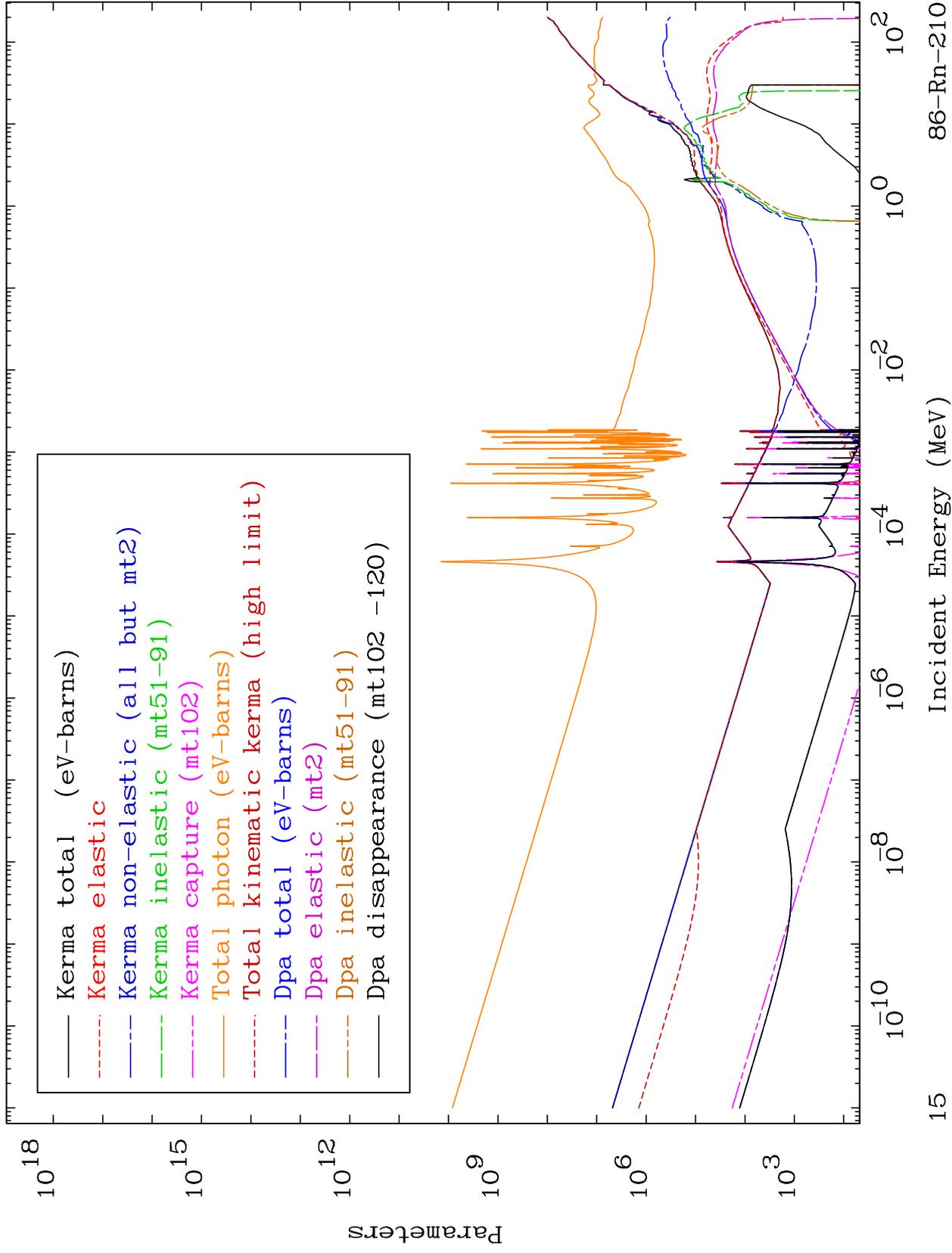


MAT 8622

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-210

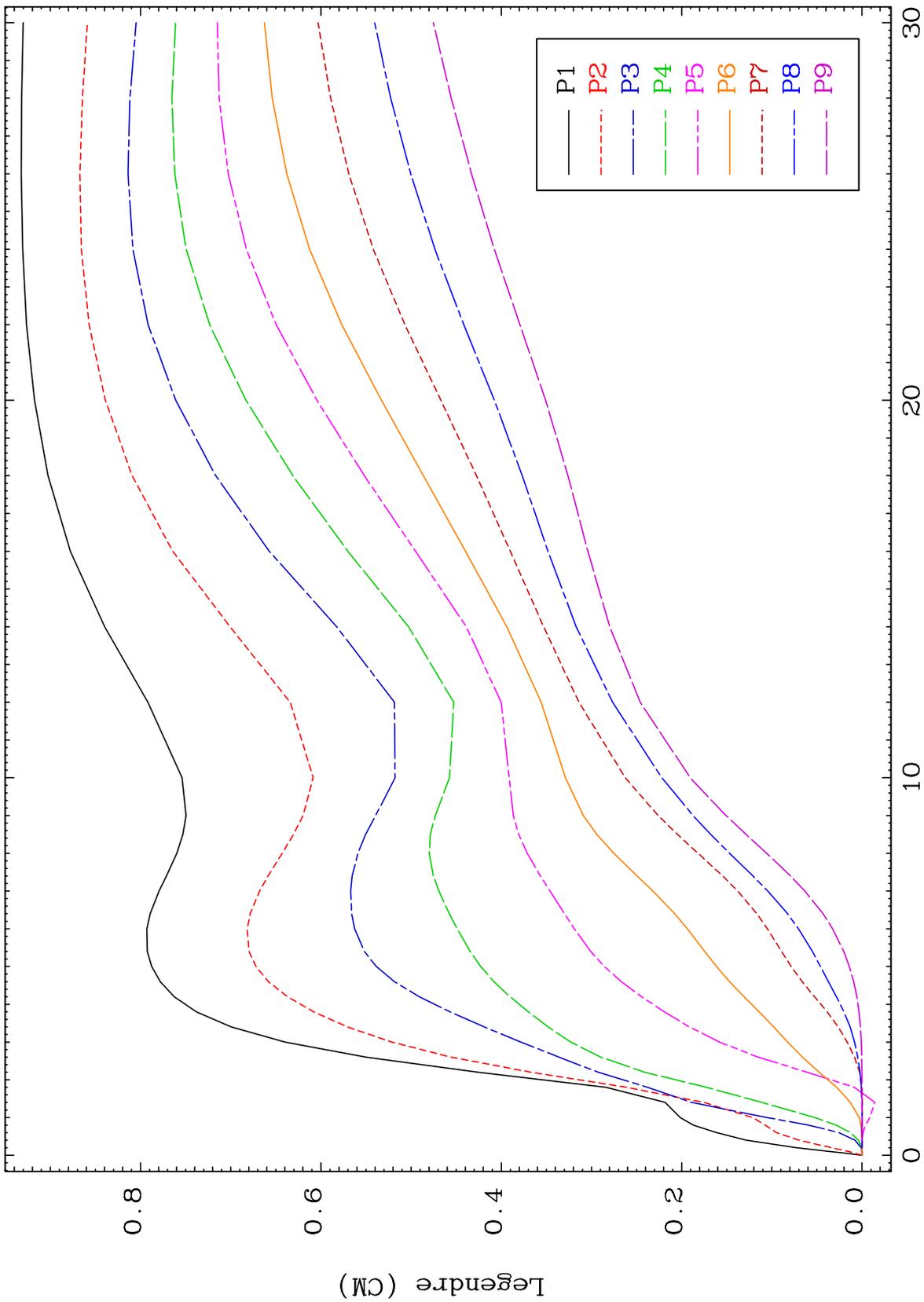




MAT 8622

86-Rn-210

Elastic Legendre Coefficients



86-Rn-210

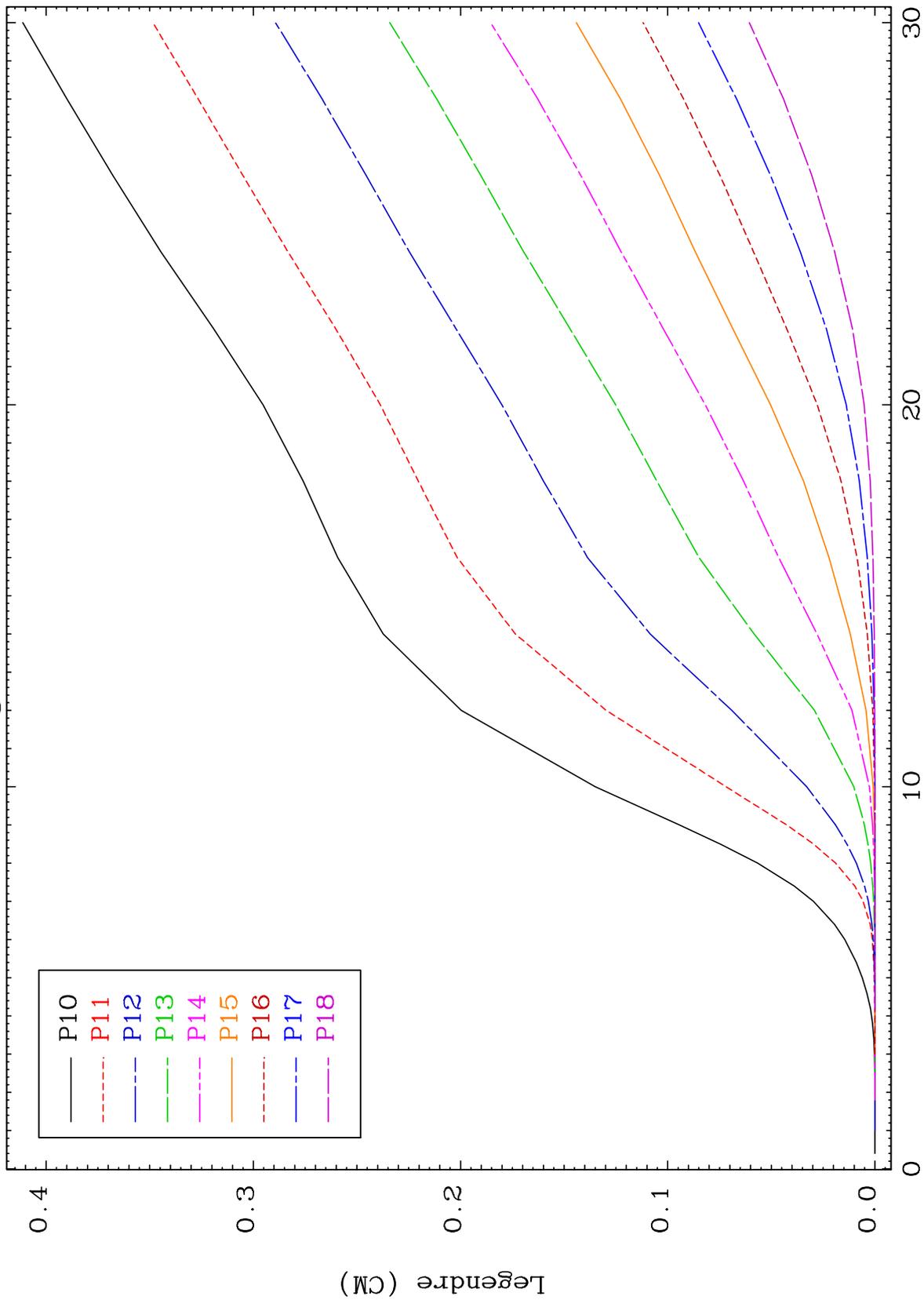
Incident Energy (MeV)

16

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



17

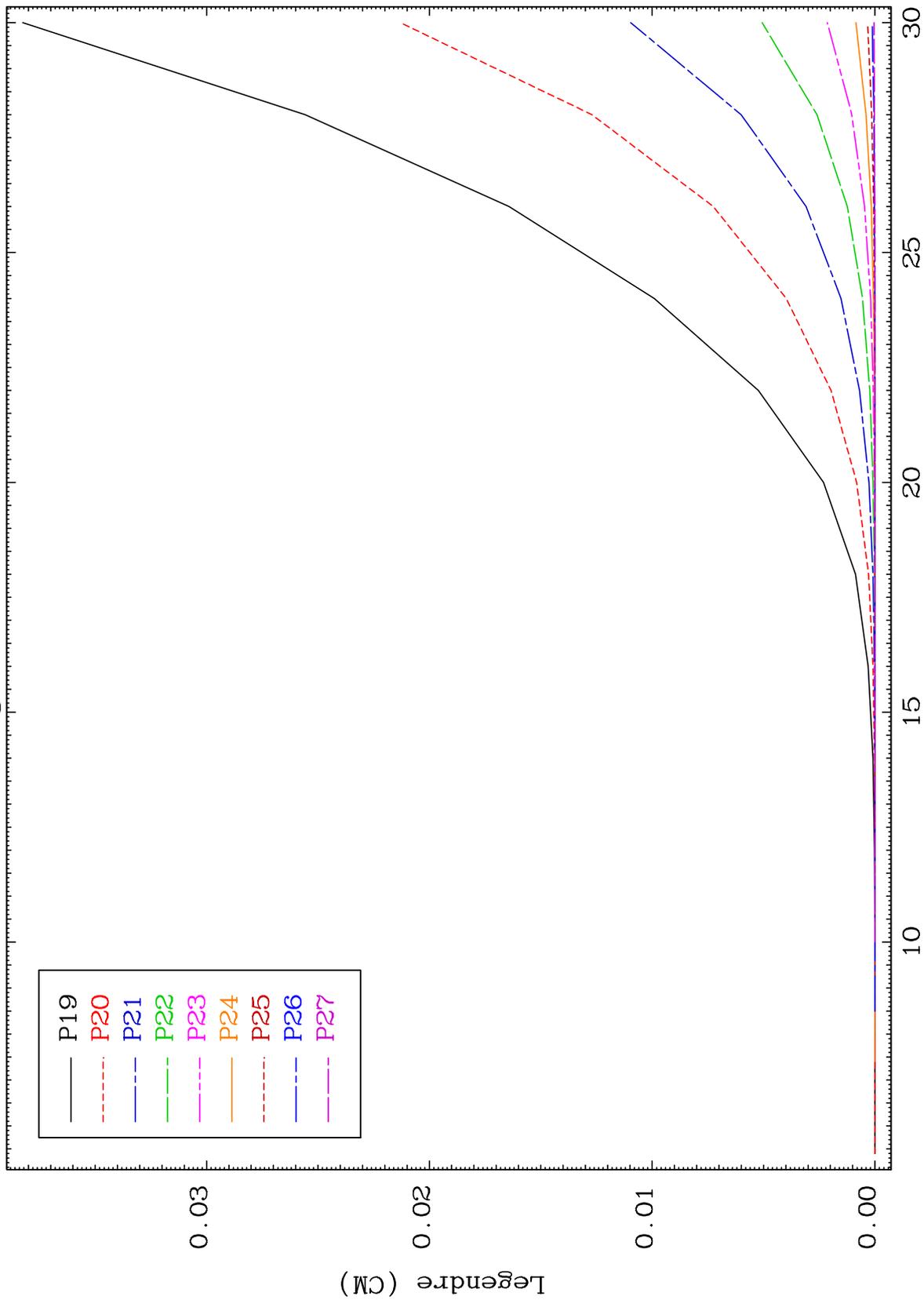
Incident Energy (MeV)

86-Rn-210

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



18

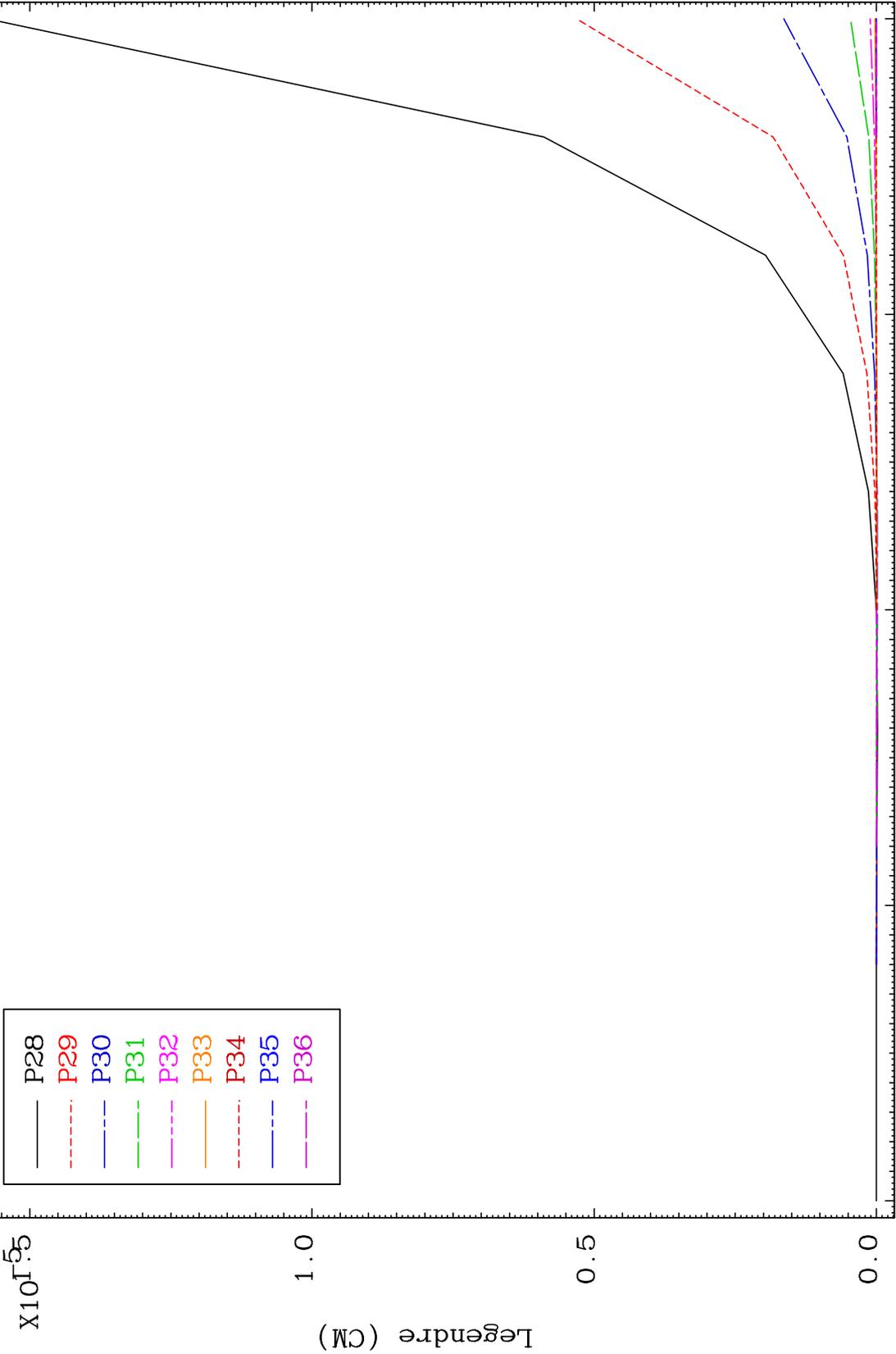
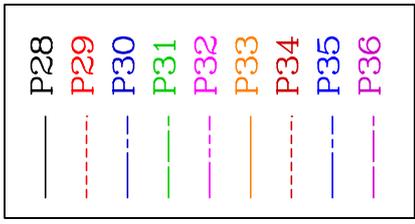
Incident Energy (MeV)

86-Rn-210

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



19

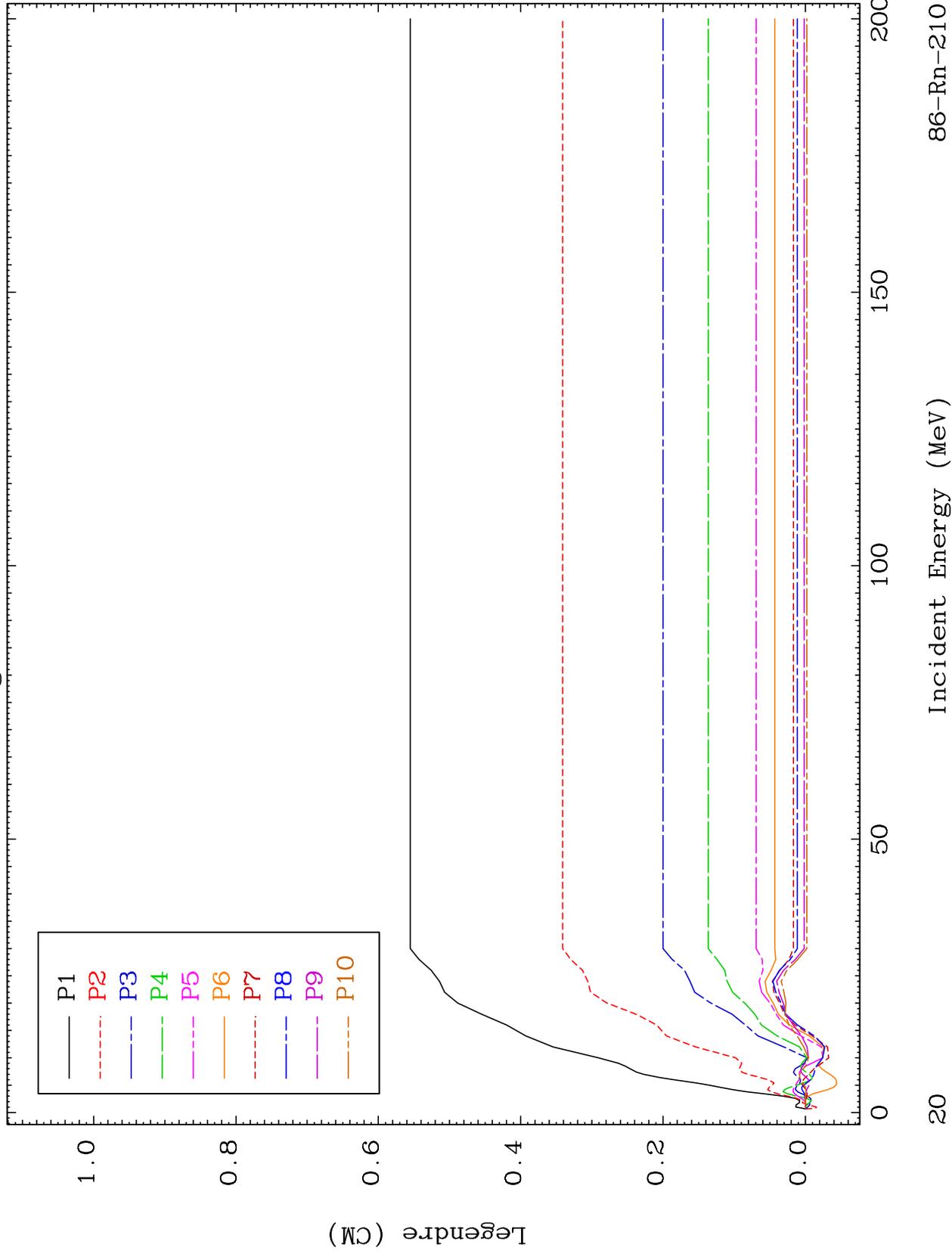
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



86-Rn-210

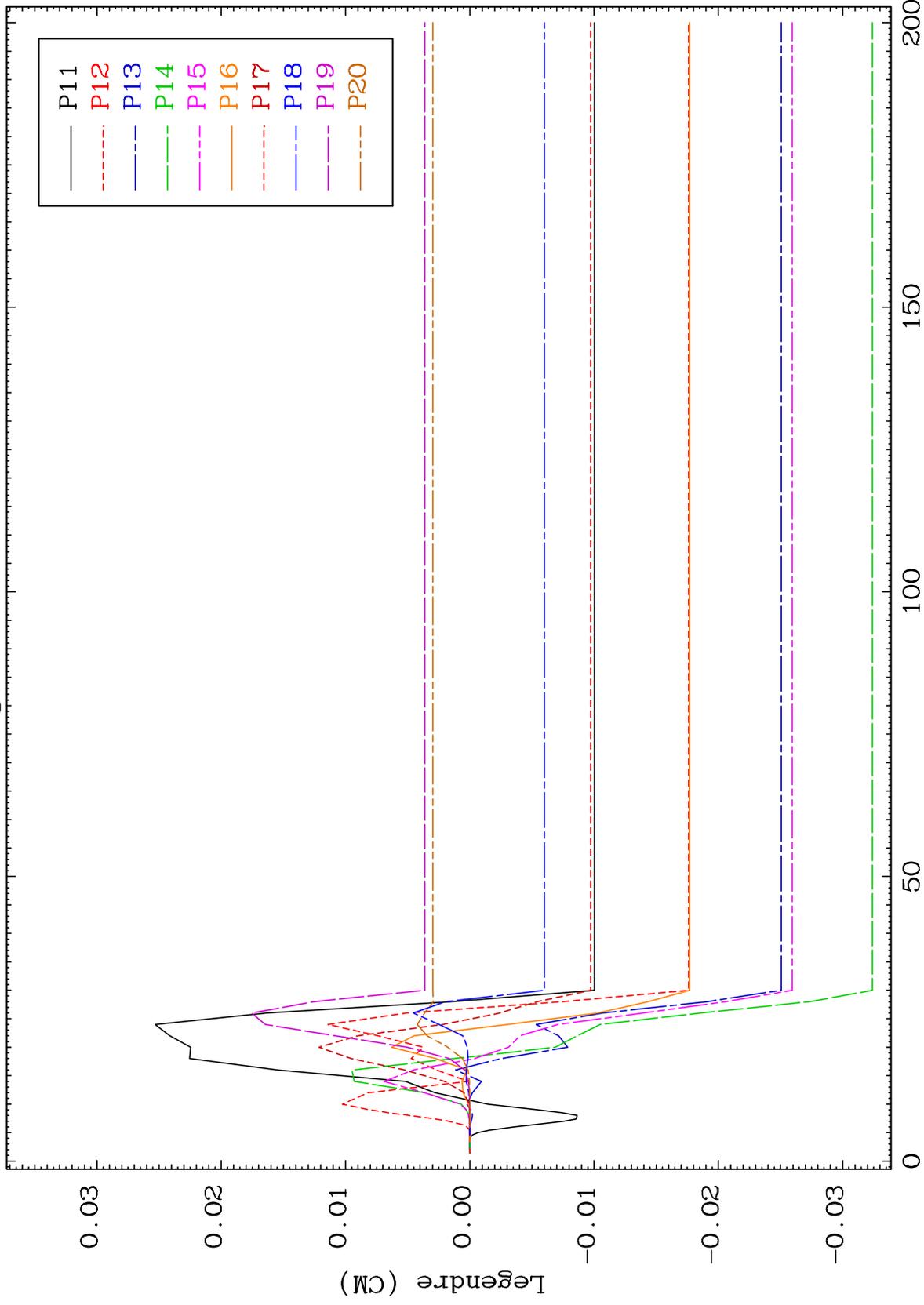
Incident Energy (MeV)

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MAT 8622

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

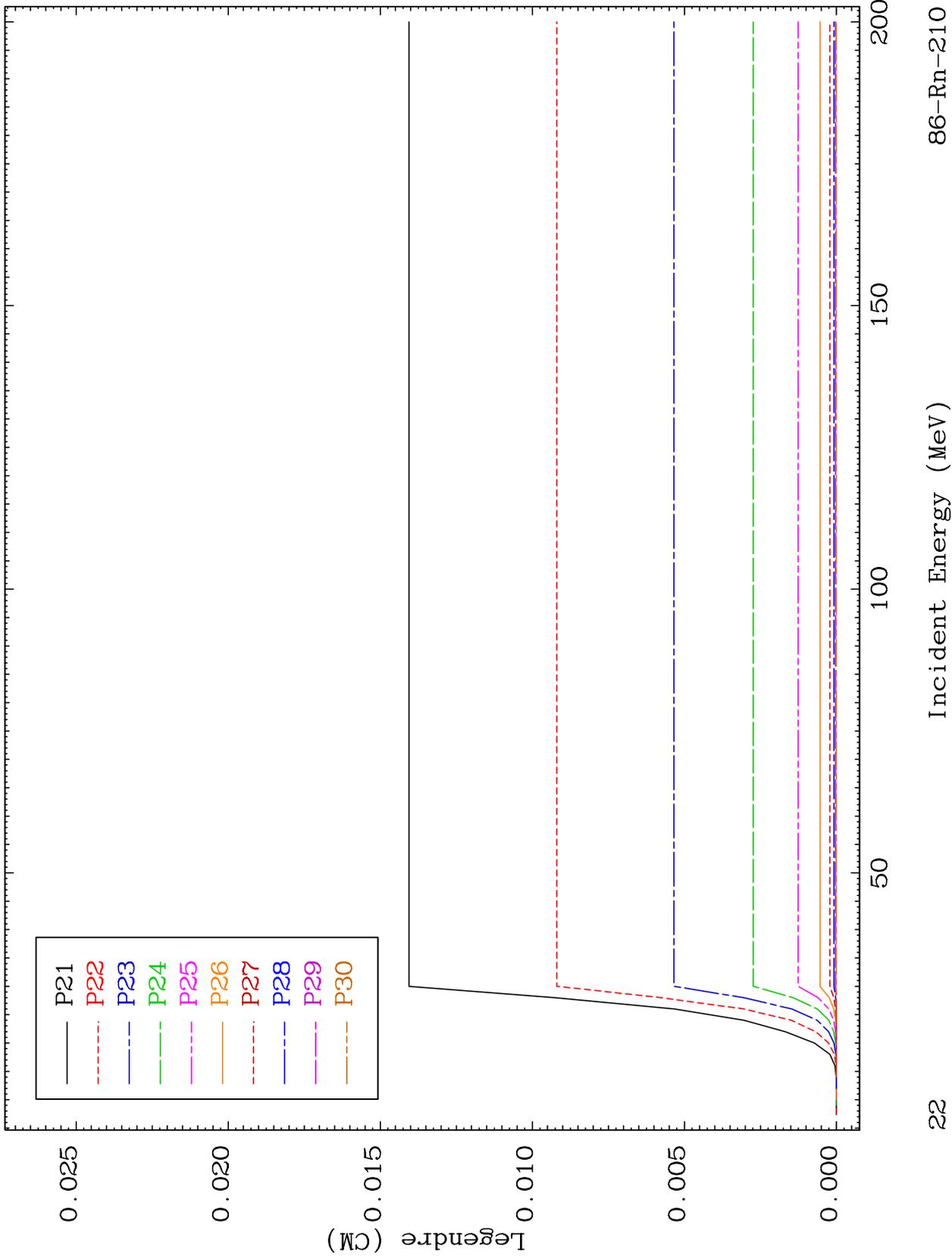
86-Rn-210



21

Incident Energy (MeV)

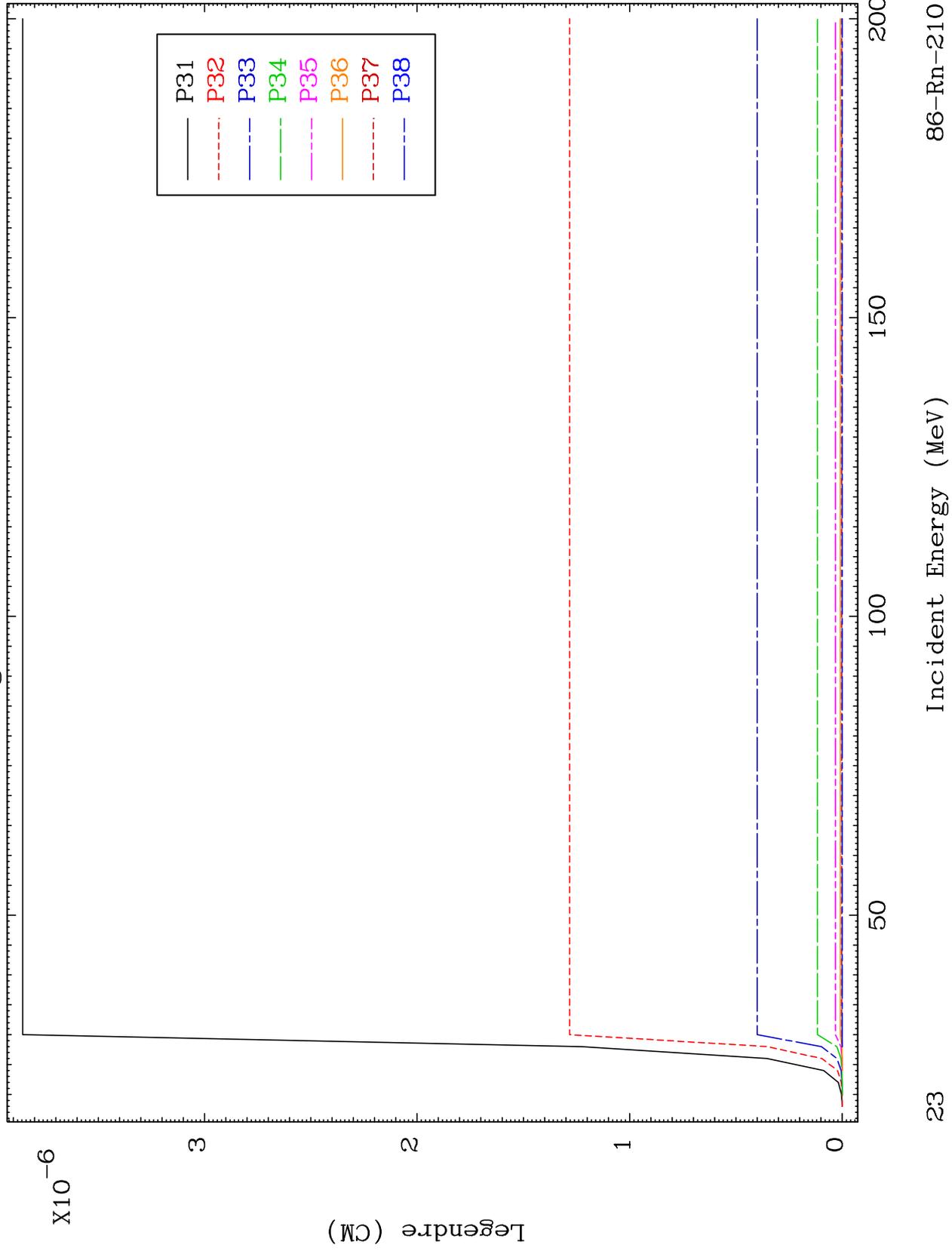
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MAT 86222

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

86-Rn-210

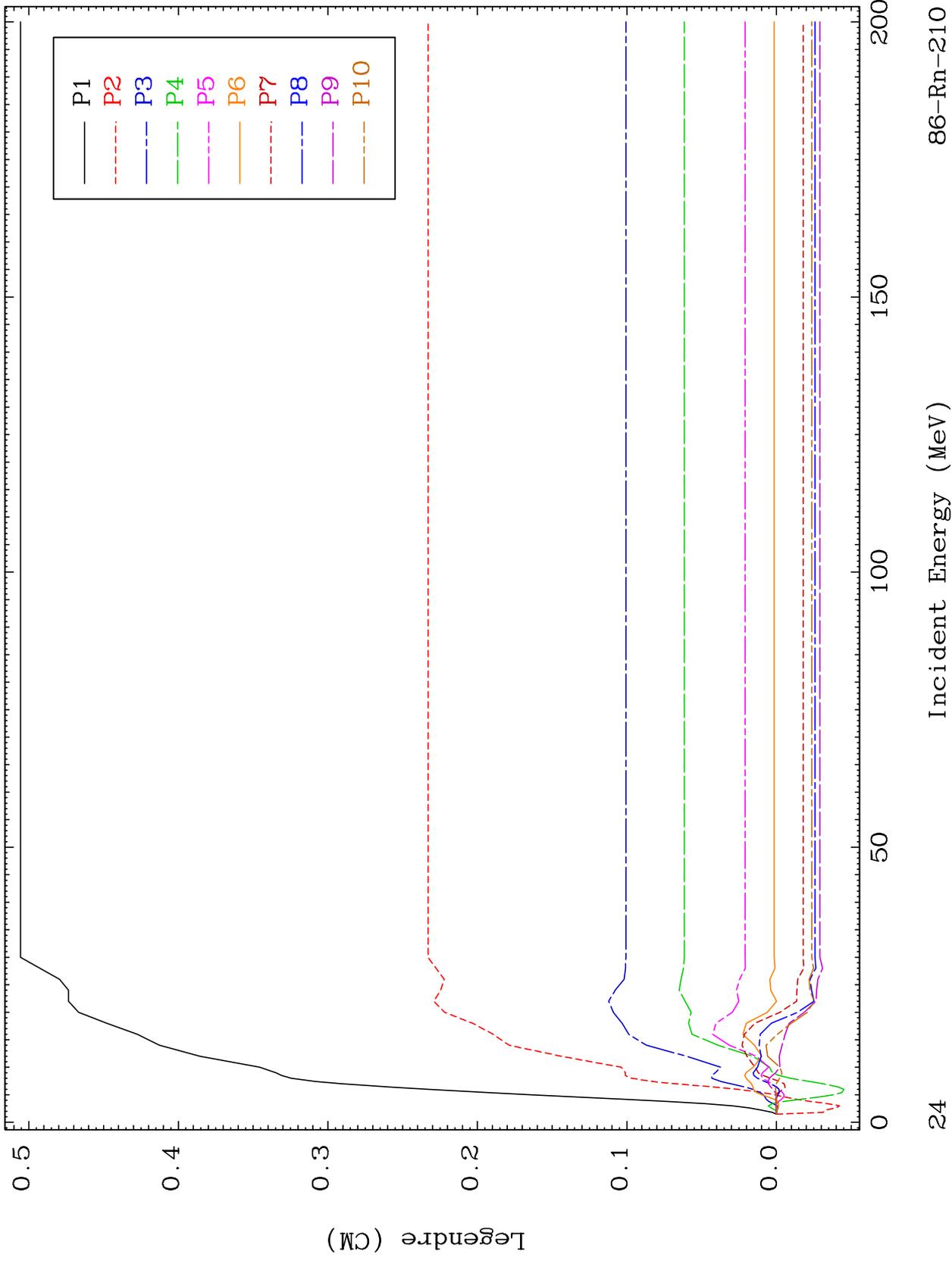


23

MAT 86222

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

86-Rn-210



86-Rn-210

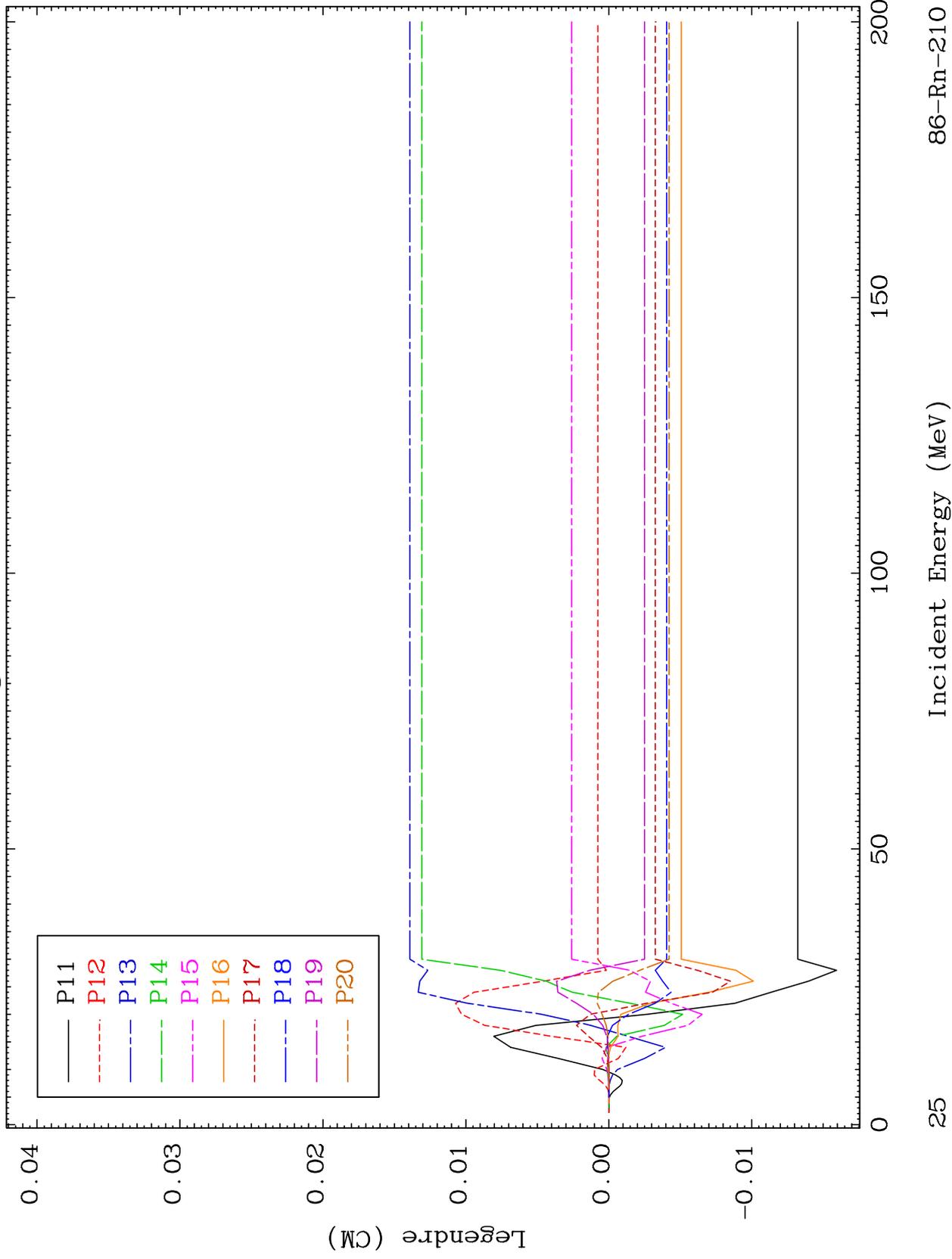
Incident Energy (MeV)

24

MAT 86222

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

86-Rn-210



86-Rn-210

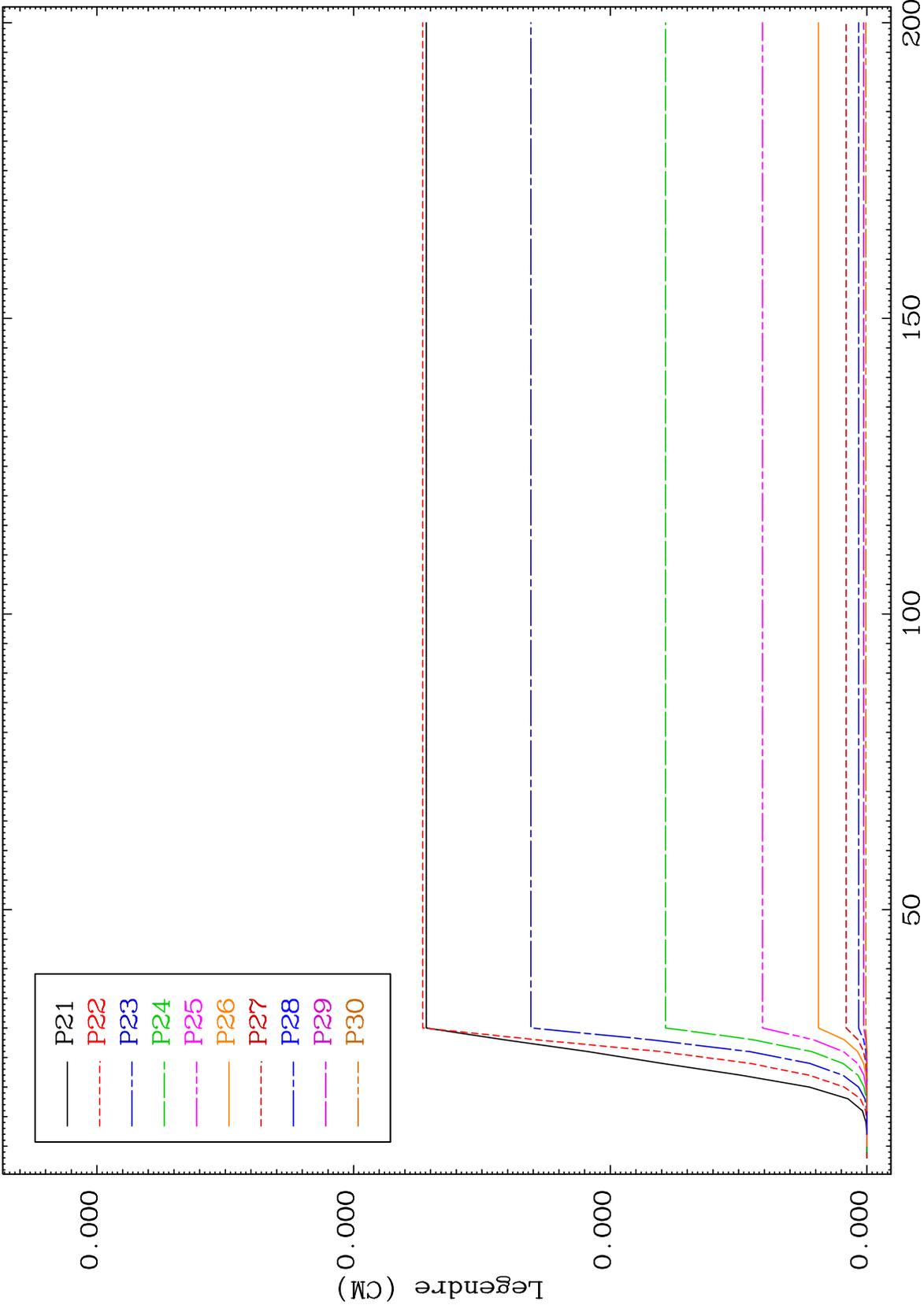
Incident Energy (MeV)

25

MAT 8622

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

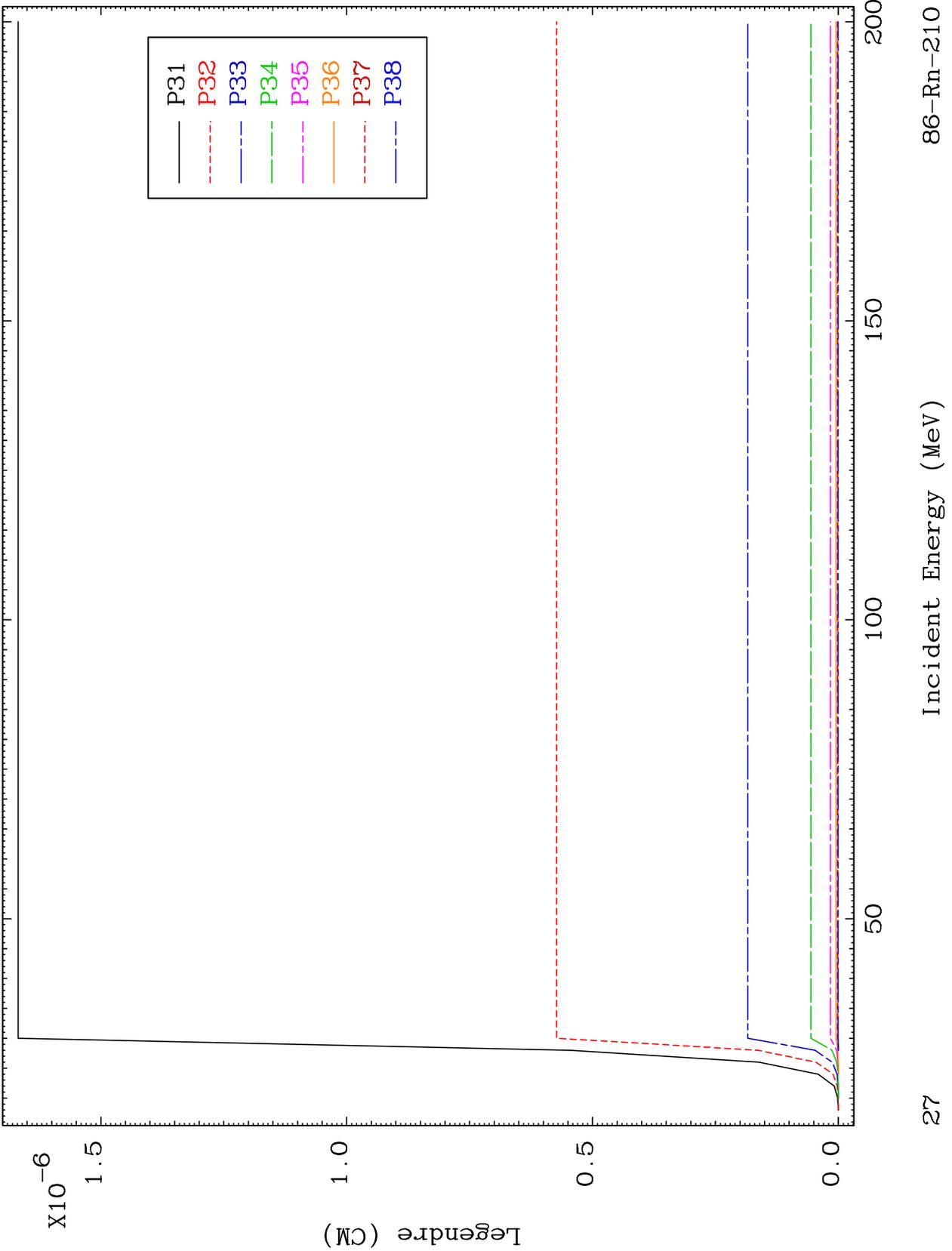
86-Rn-210



26

Incident Energy (MeV)

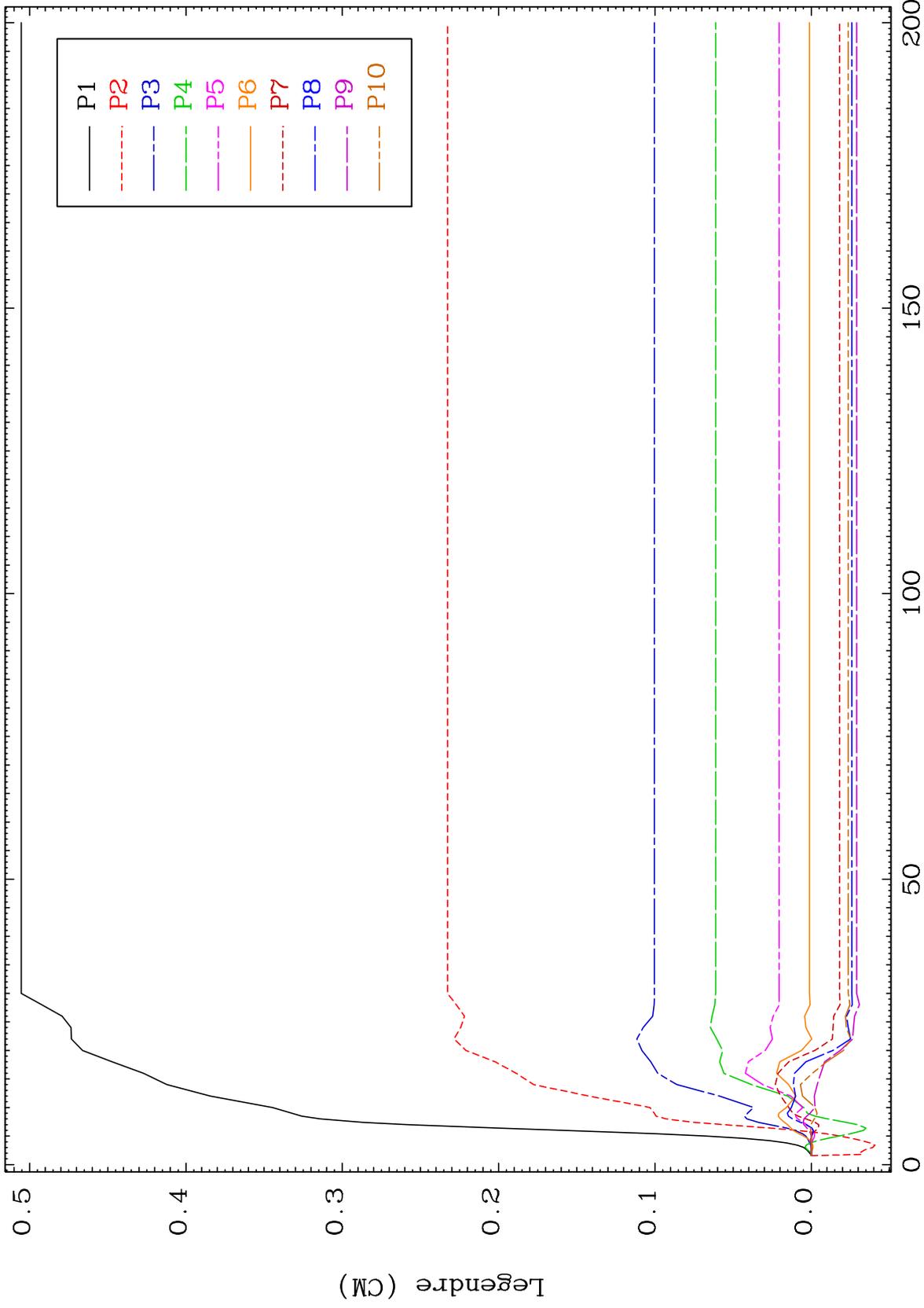
86-Rn-210



MAT 86222

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

86-Rn-210



28

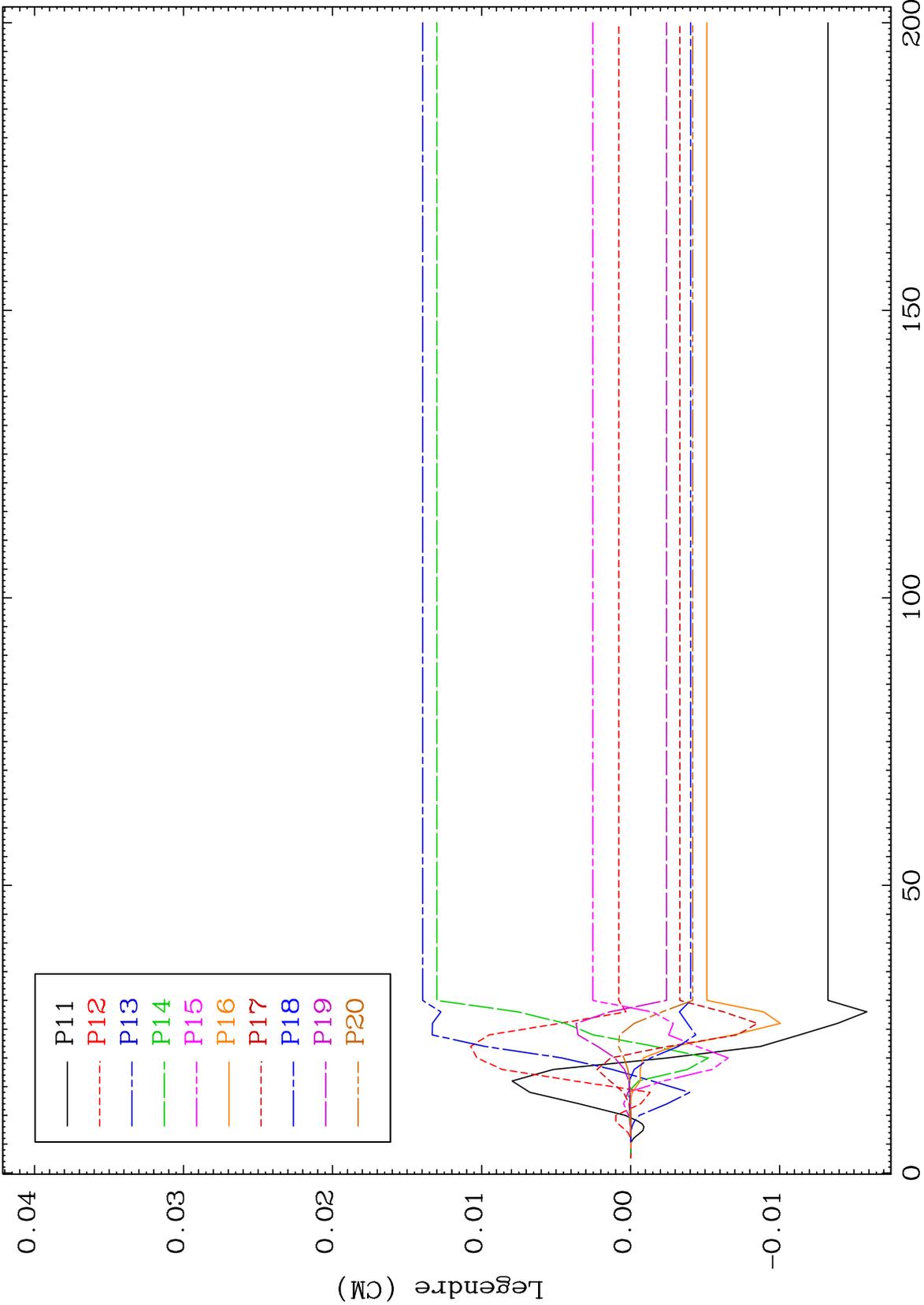
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

86-Rn-210



29

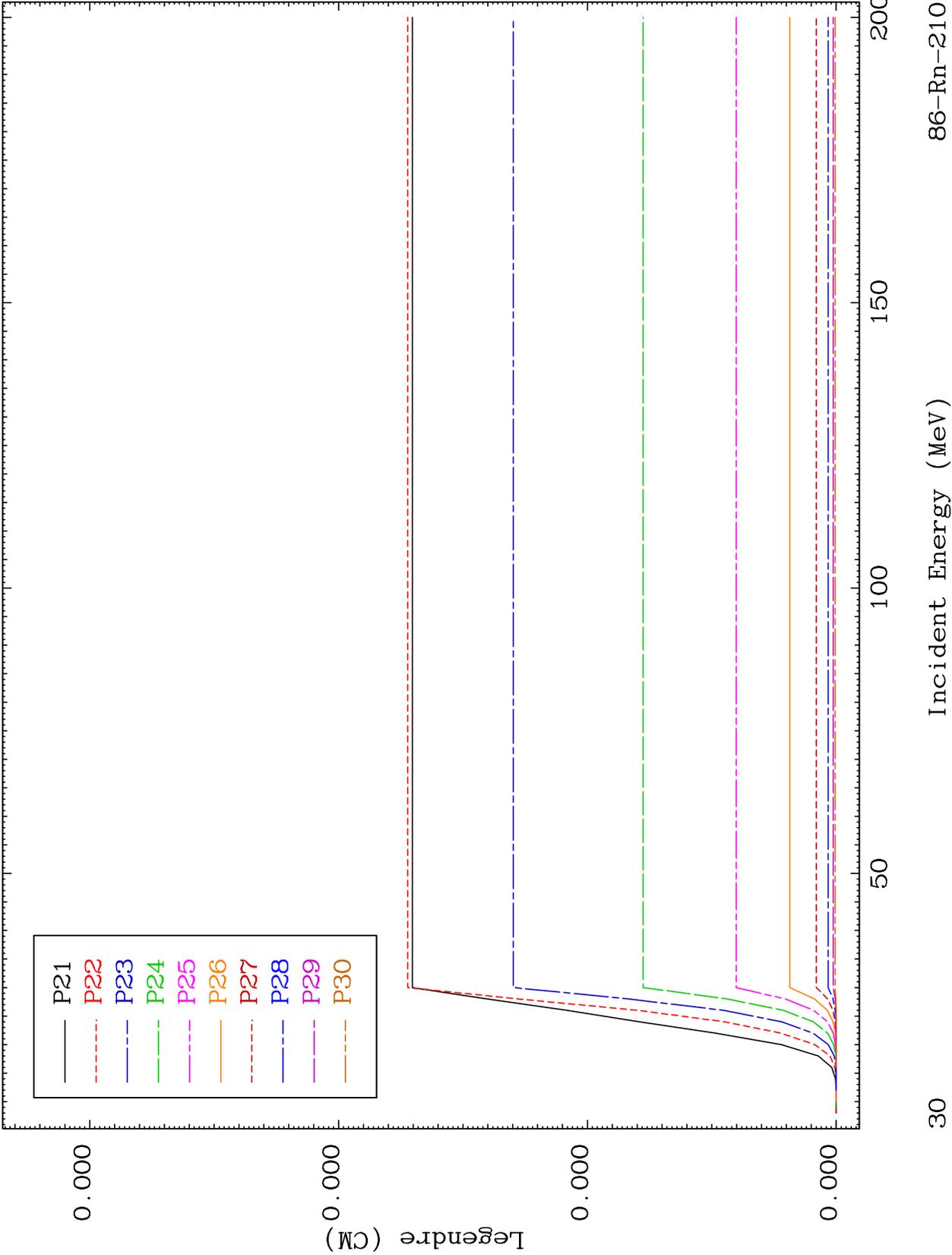
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



30

Incident Energy (MeV)

86-Rn-210

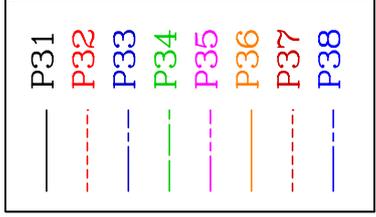
MAT 8622

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

86-Rn-210

$\times 10^{-6}$
1.5

Legendre (CM)



0.0

50

100

150

200

31

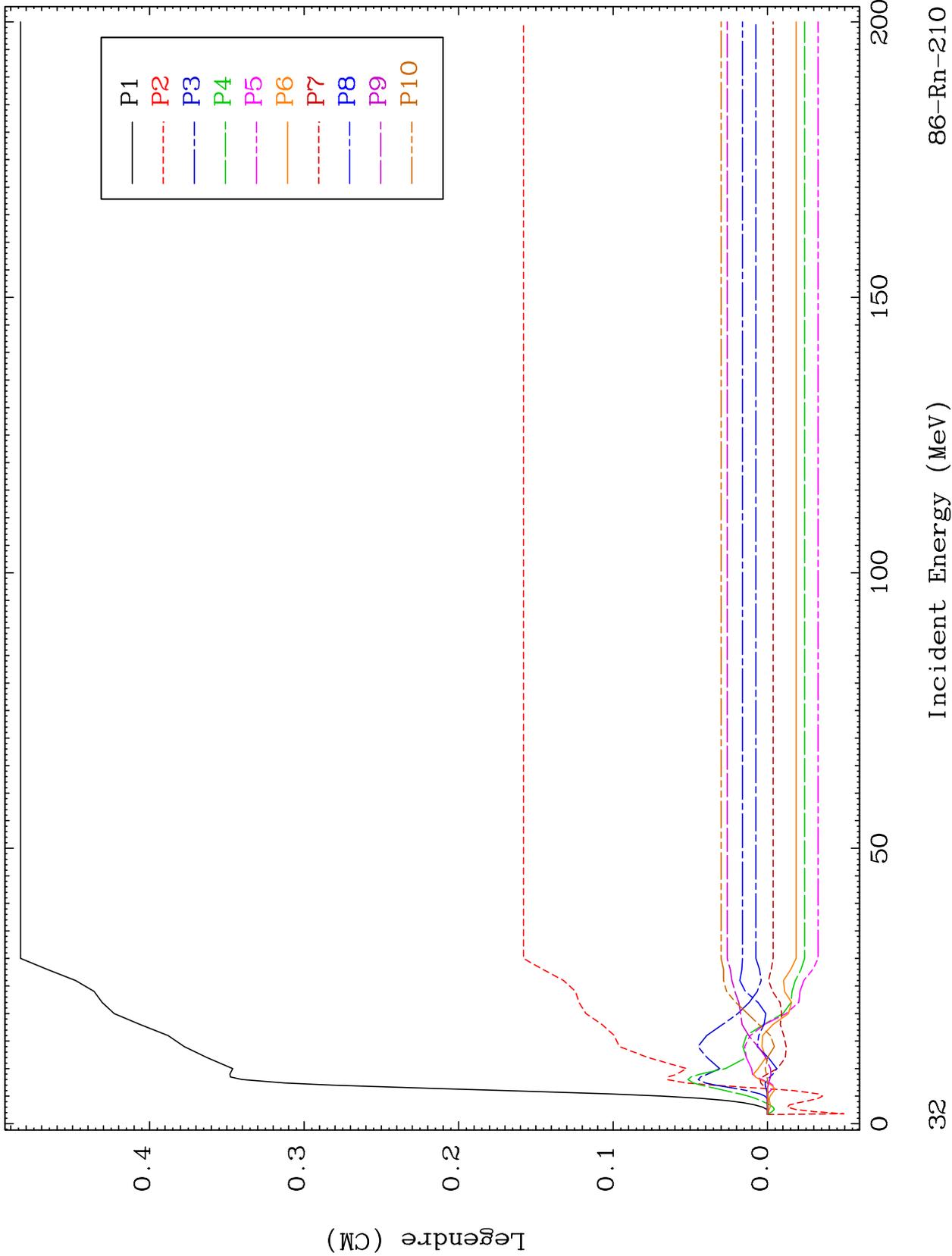
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



86-Rn-210

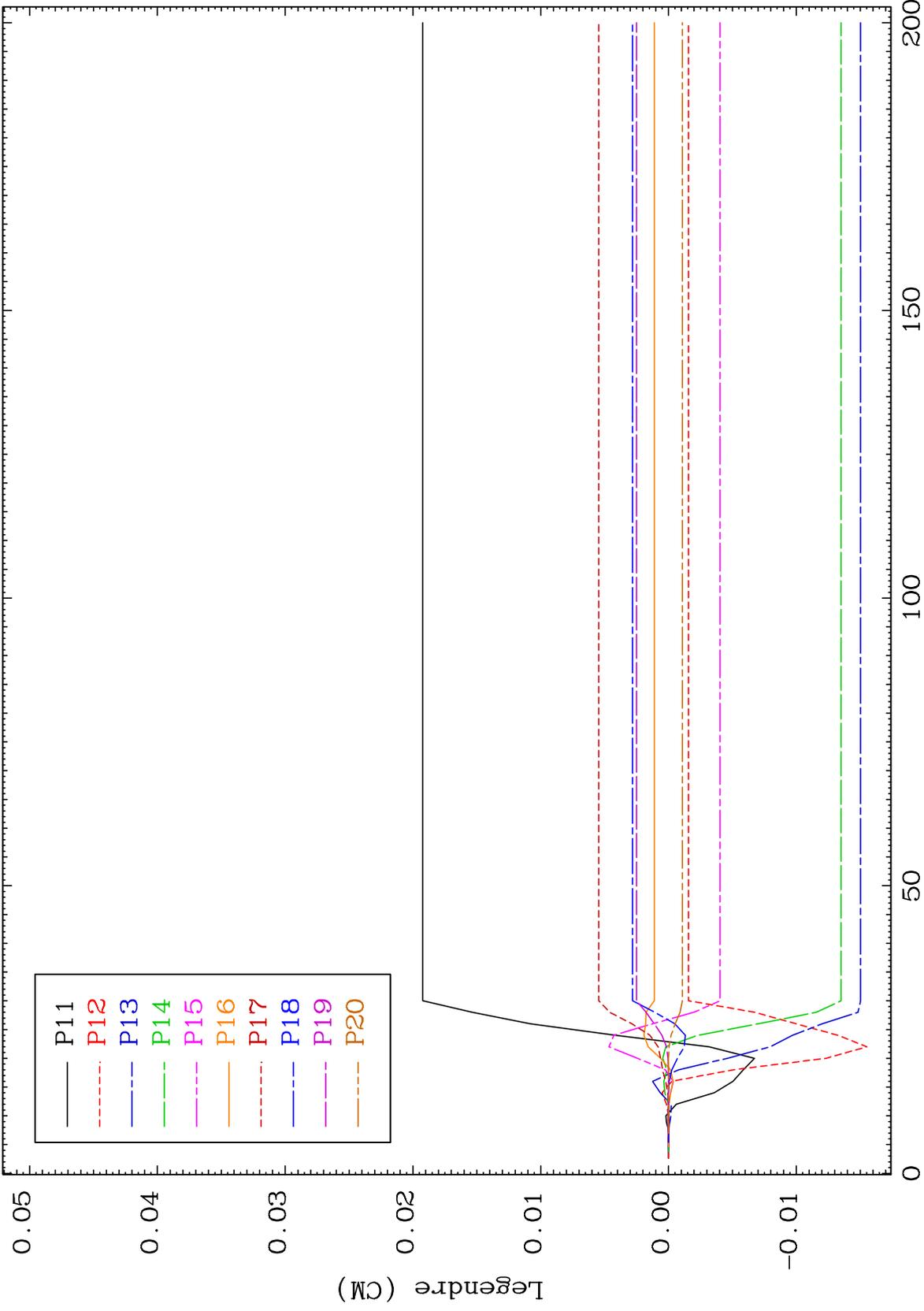
Incident Energy (MeV)

32

MAT 86222

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

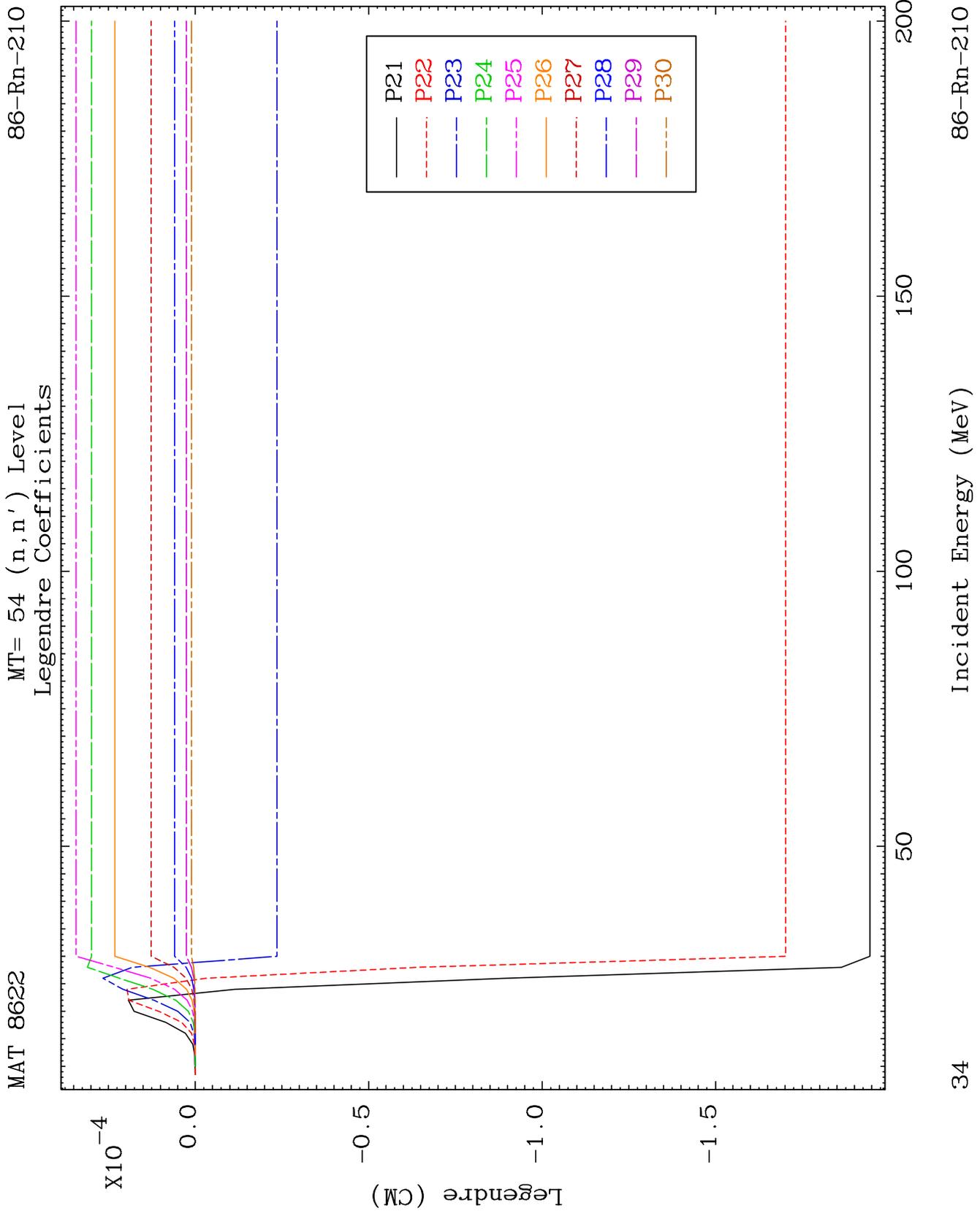
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Incident Energy (MeV)

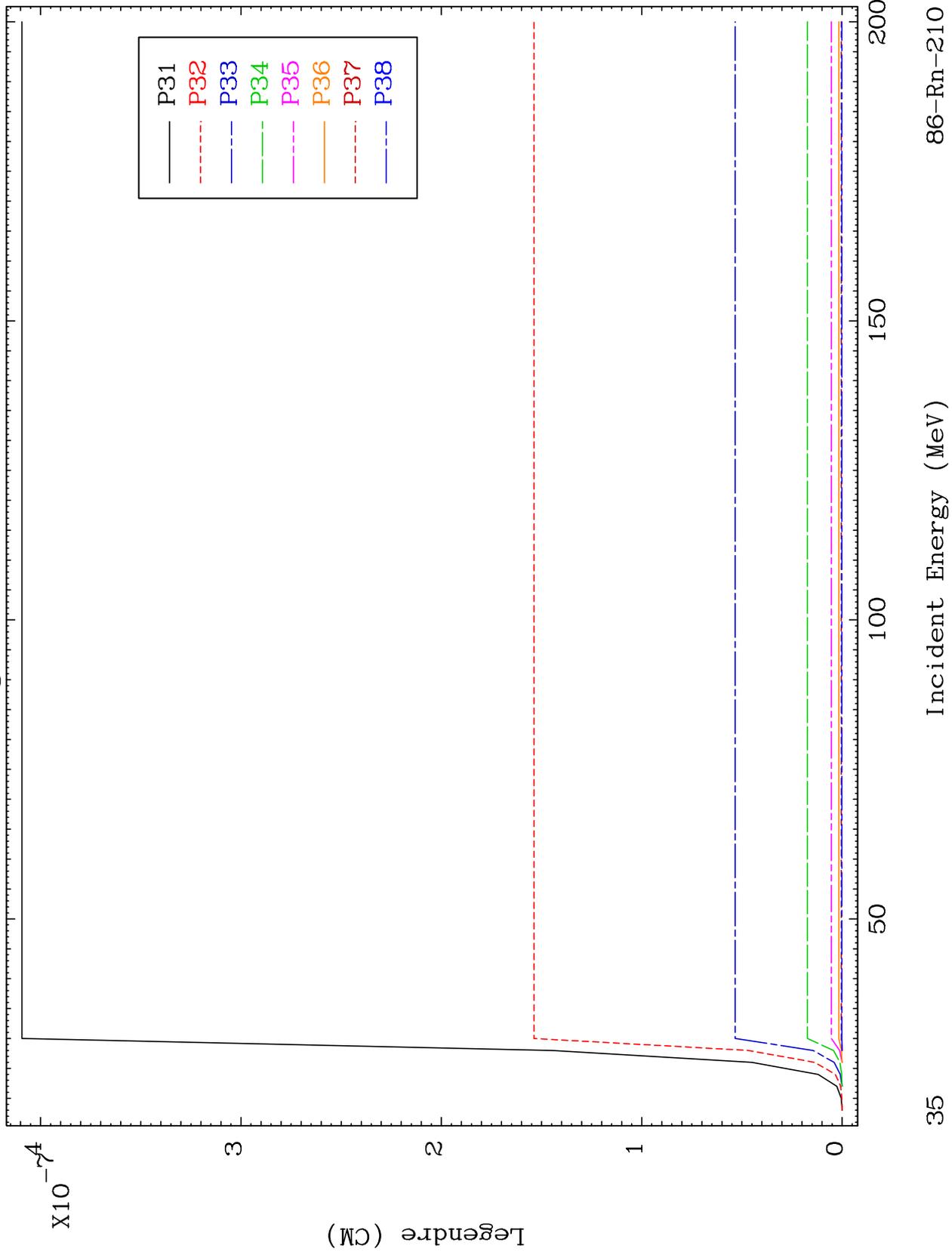
86-Rn-210



MAT 8622

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

86-Rn-210



86-Rn-210

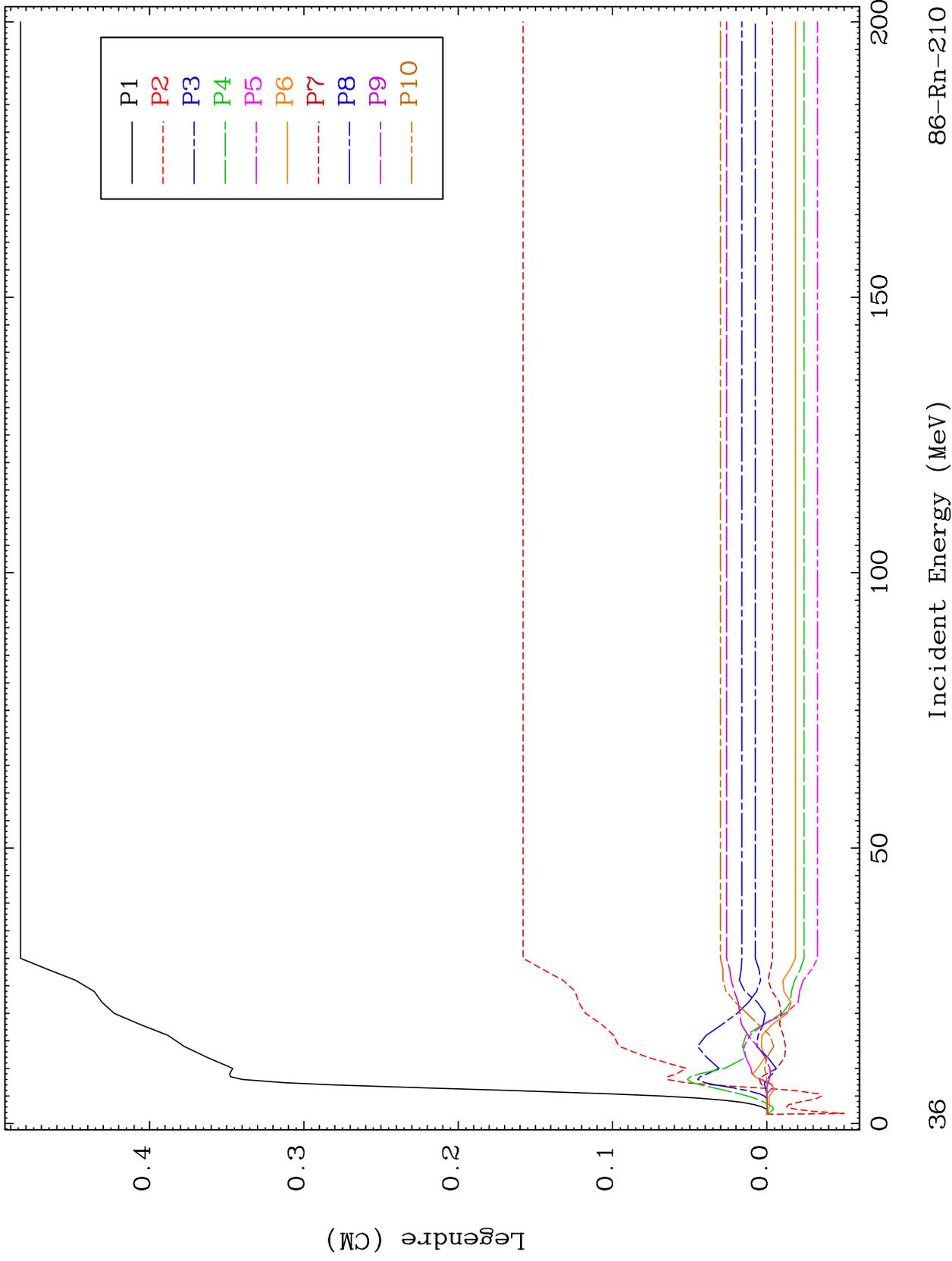
Incident Energy (MeV)

35

MAT 86222

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

86-Rn-210

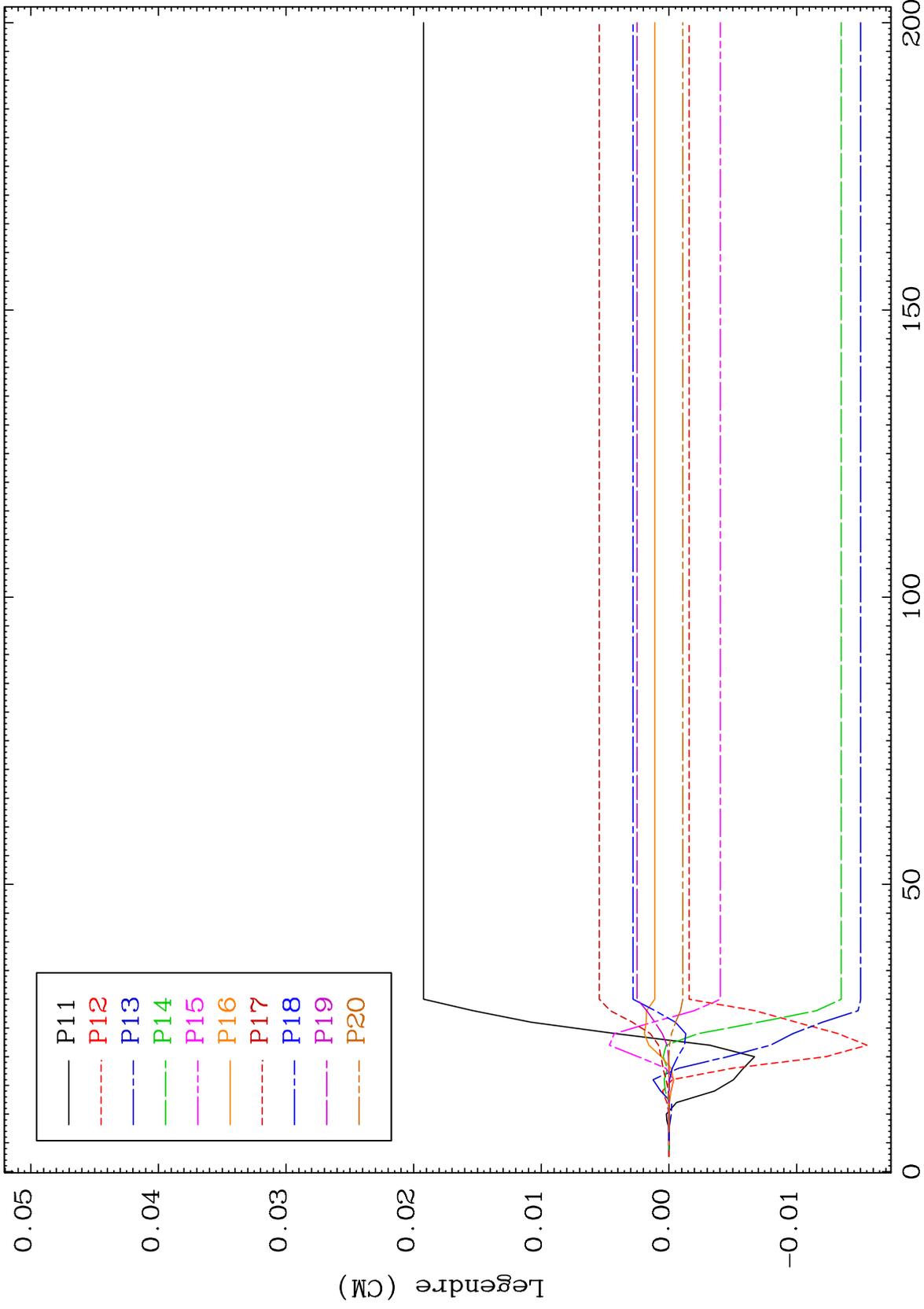


86-Rn-210

MAT 86222

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

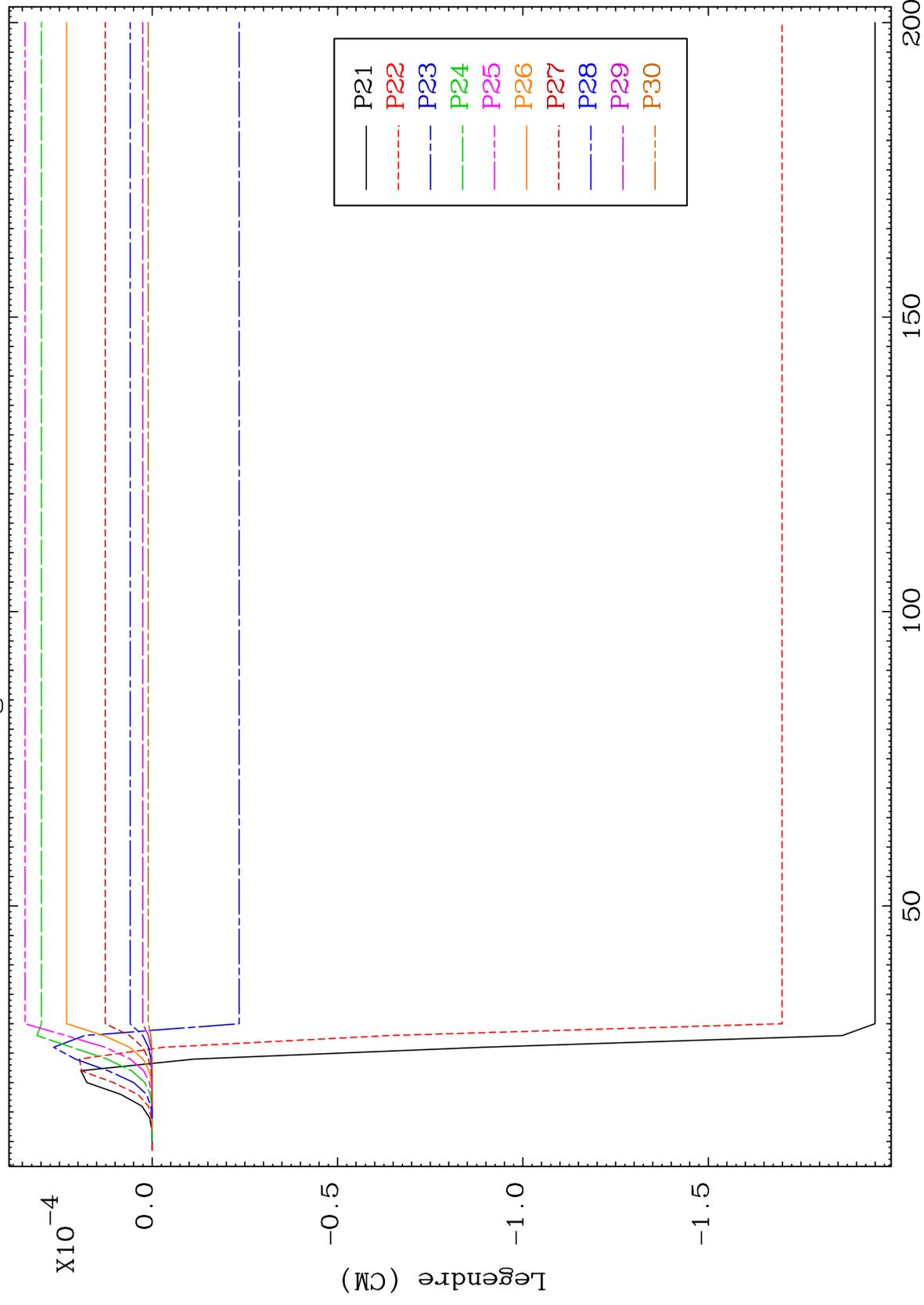
86-Rn-210



37

Incident Energy (MeV)

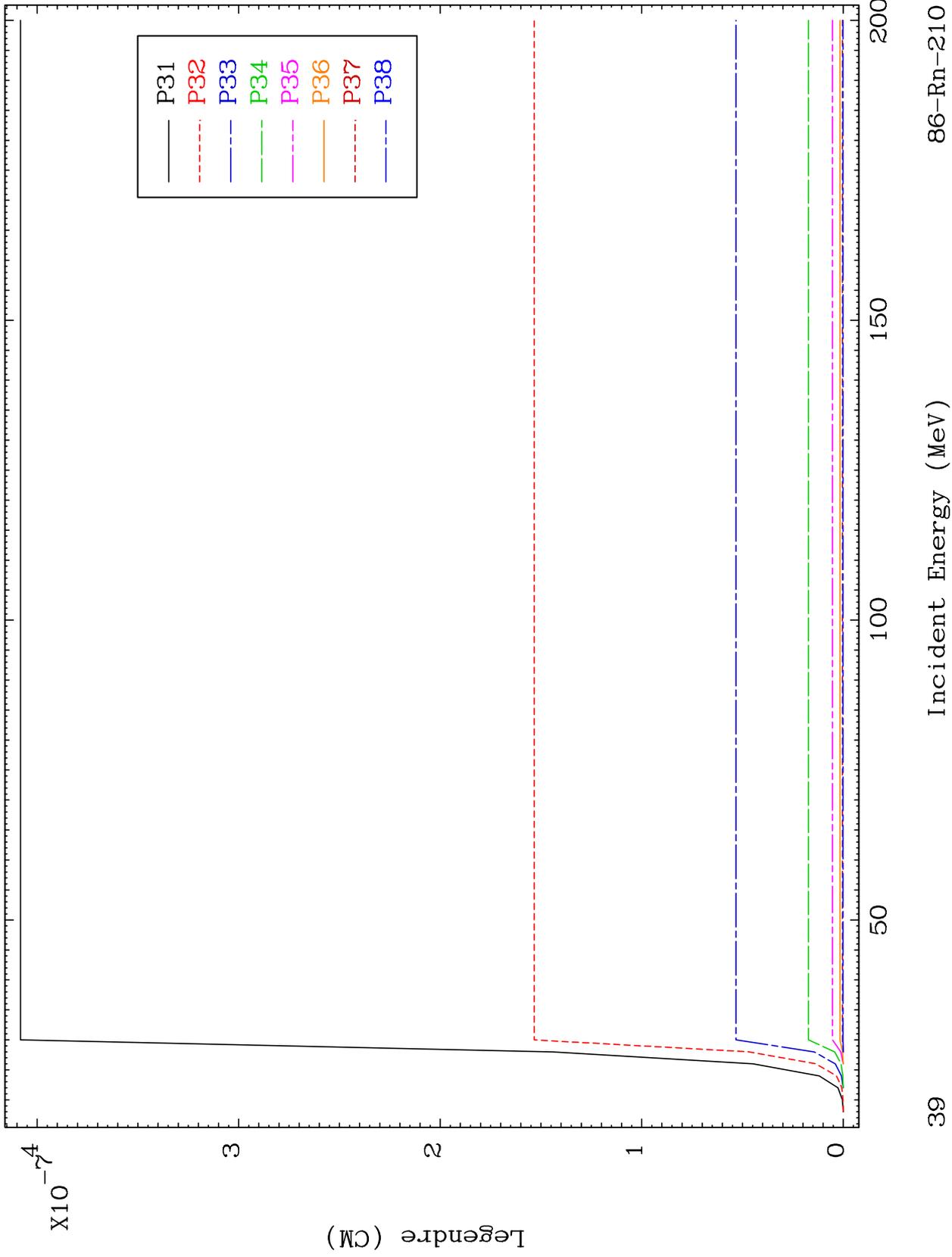
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MAT 8622

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

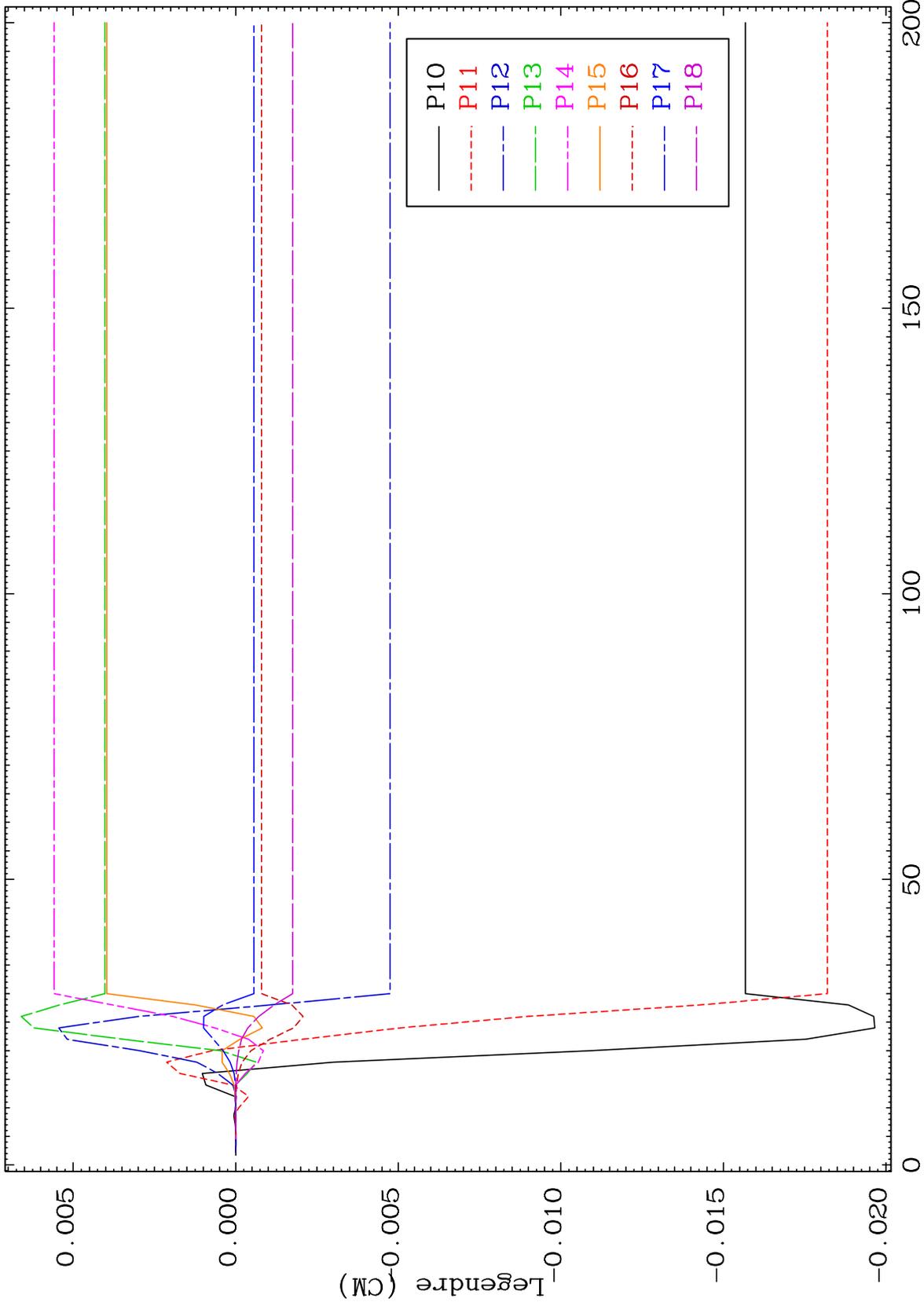
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MAT 8622

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

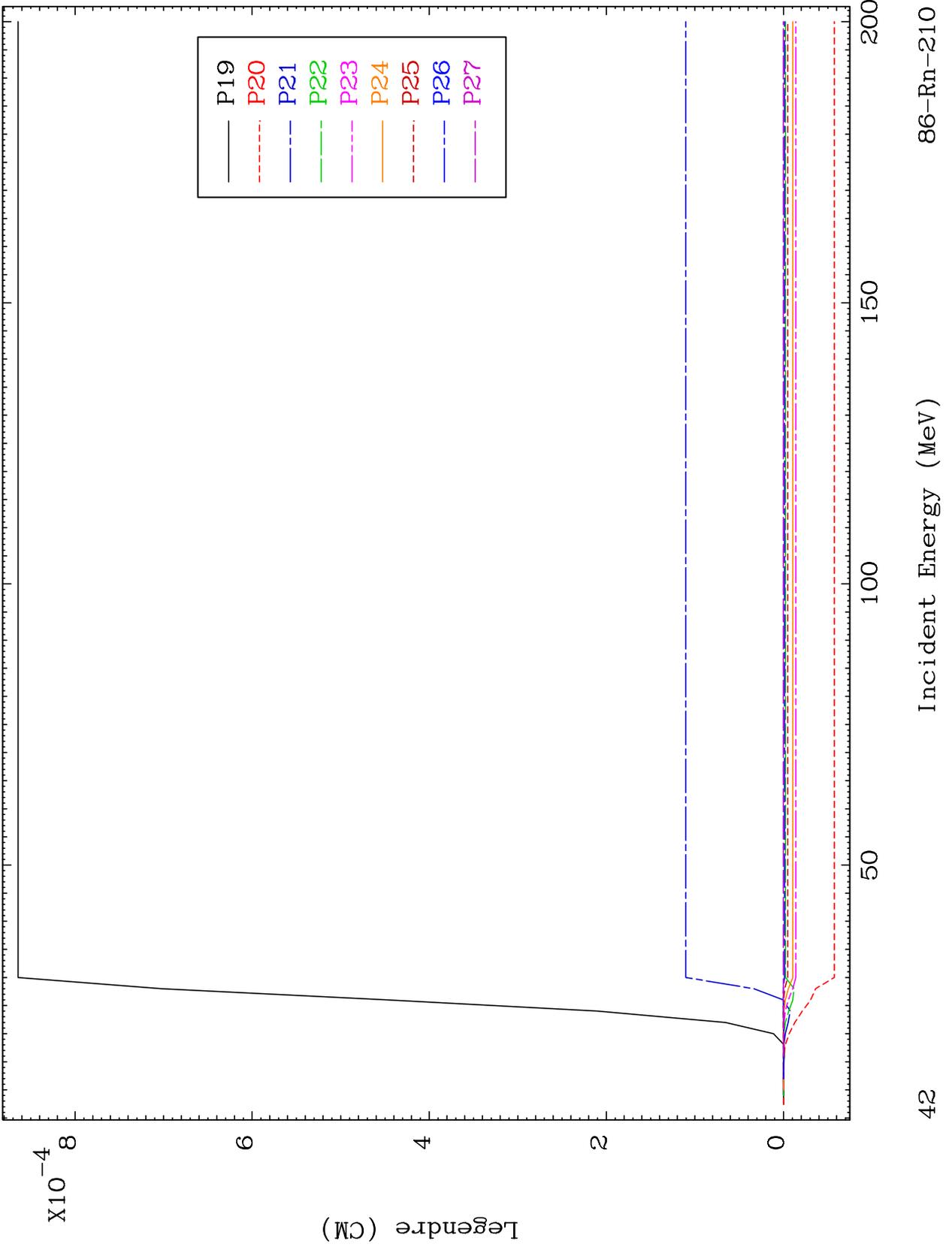
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MAT 86222

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

86-Rn-210



42

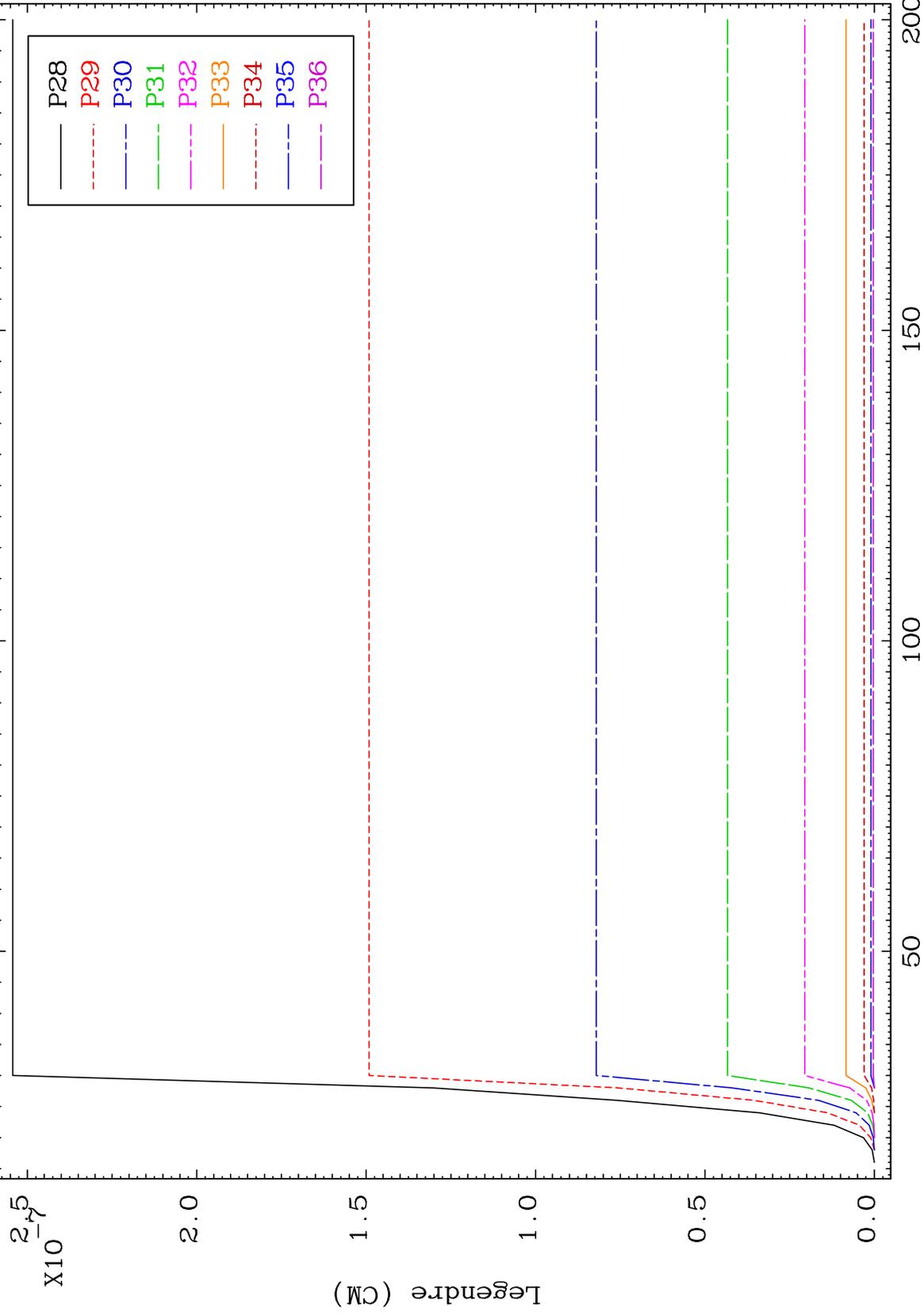
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



43

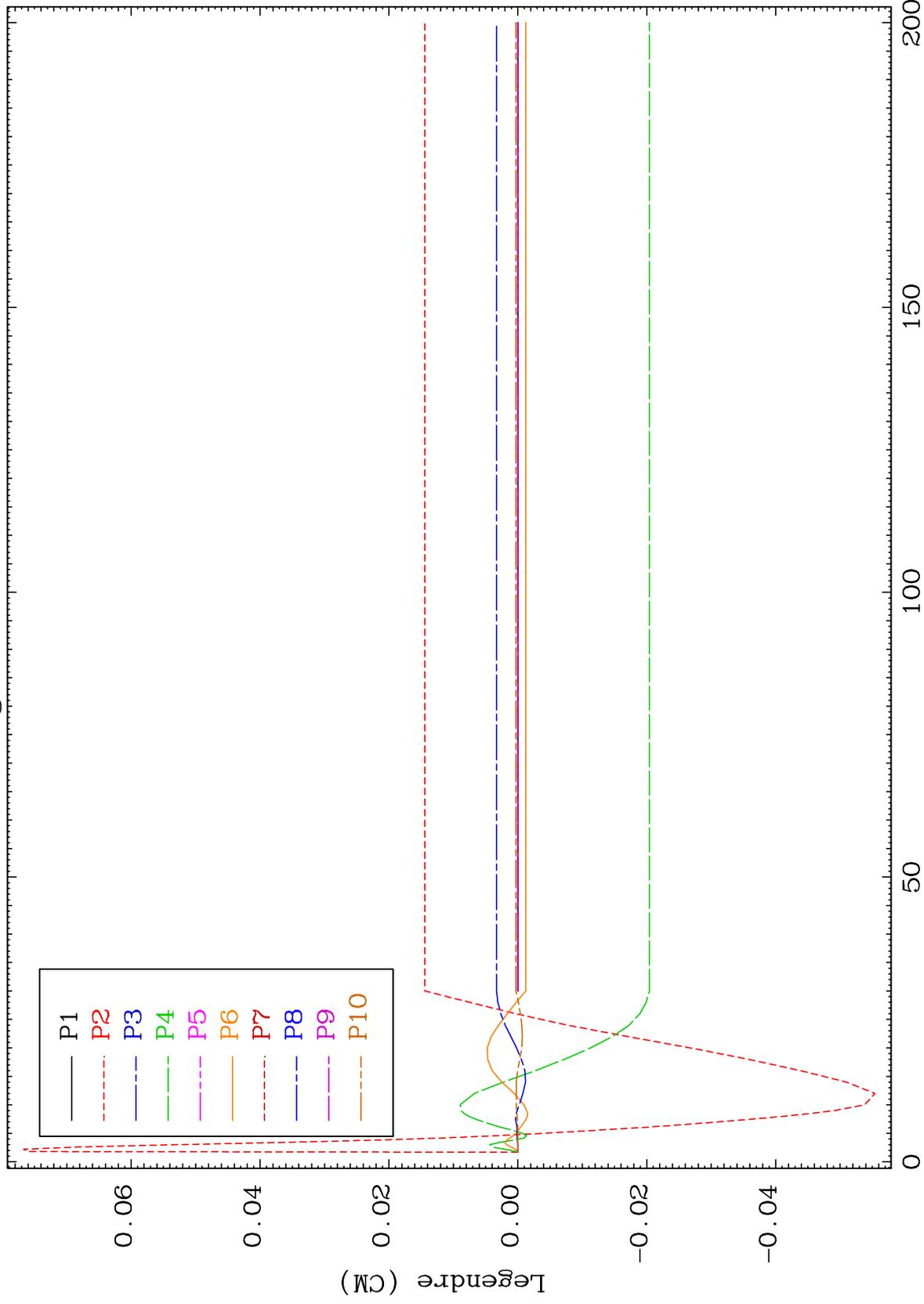
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



44

Incident Energy (MeV)

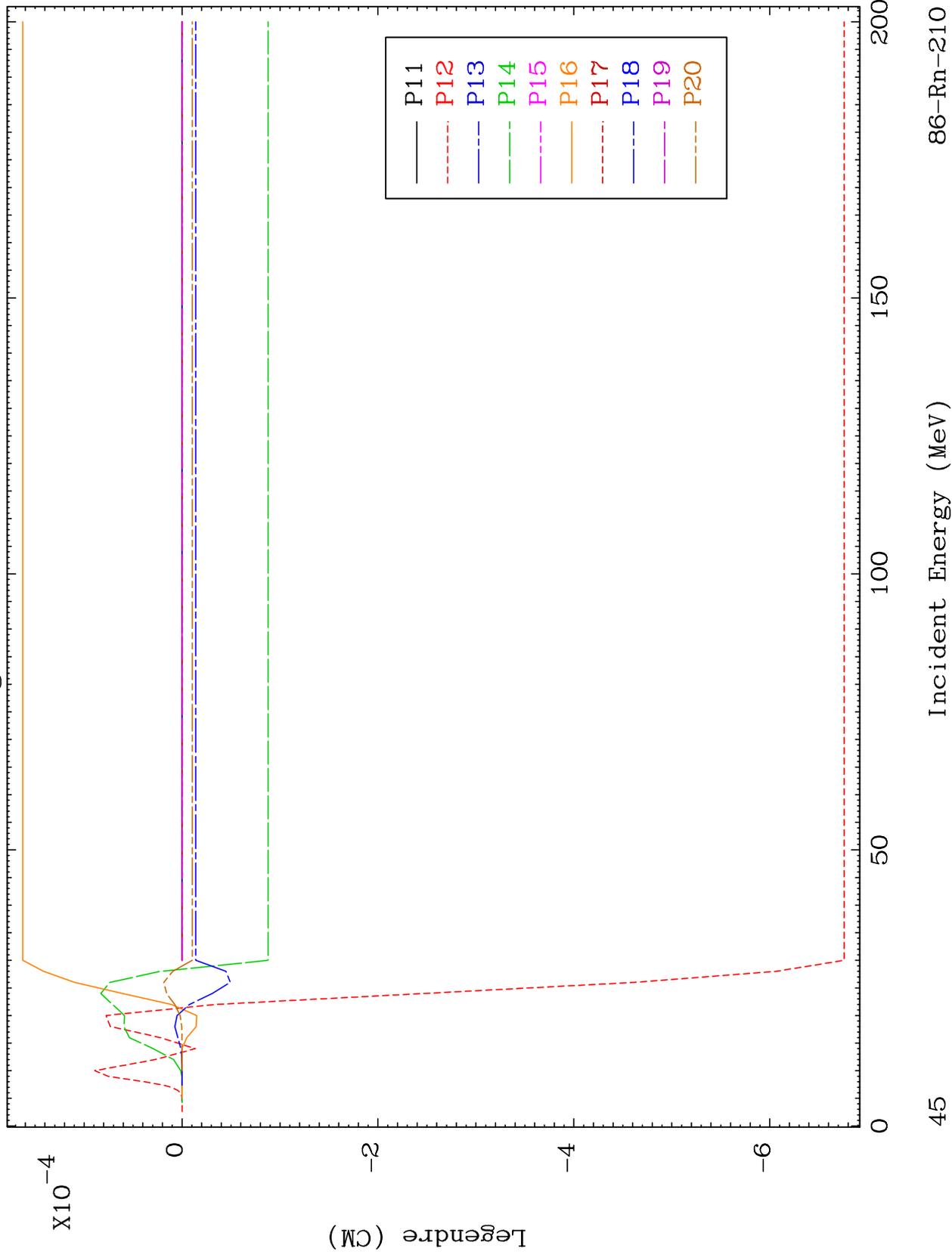
86-Rn-210

MAT 86222

MT= 57 (n,n') Level

86-Rn-210

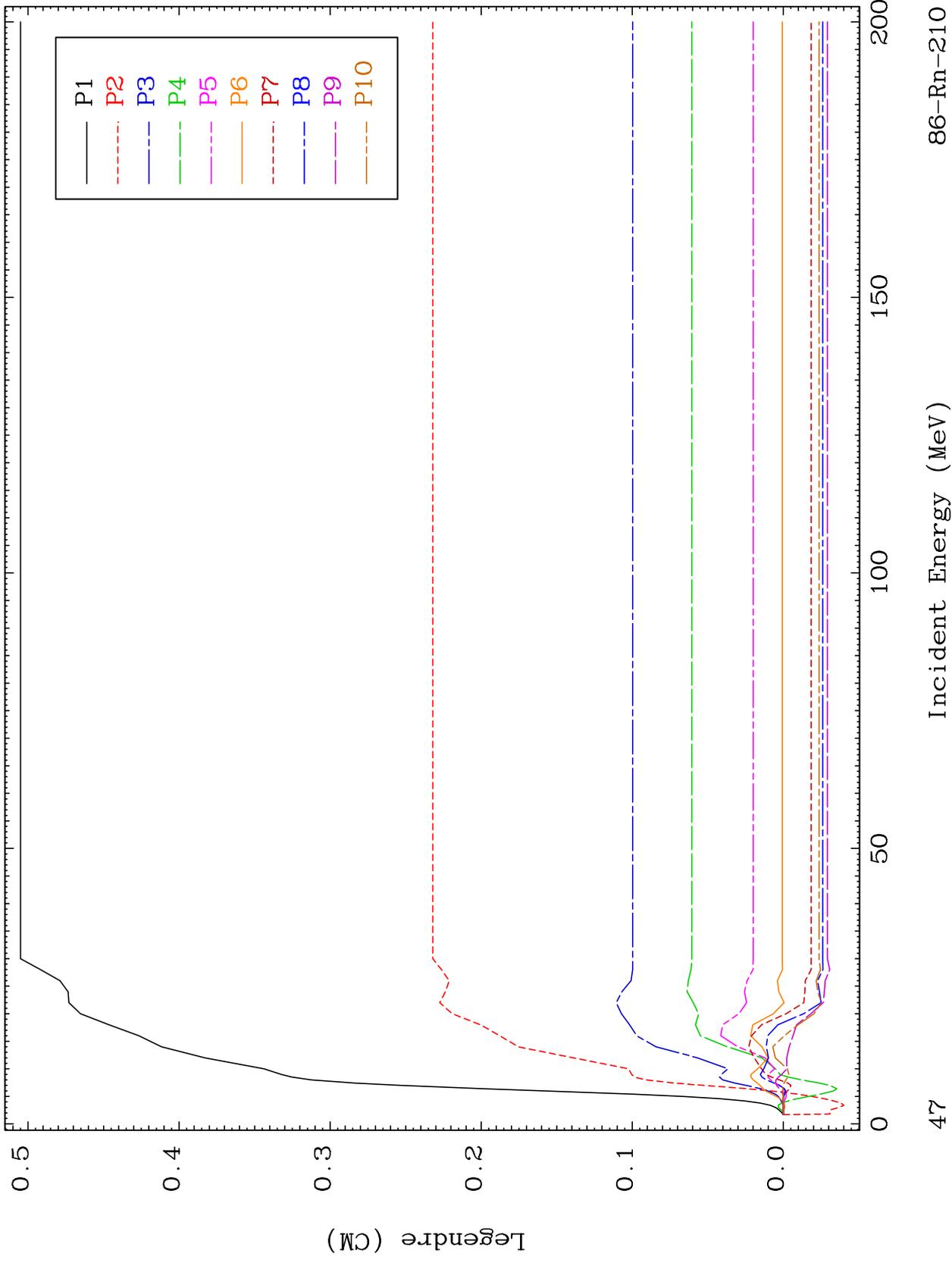
Legendre Coefficients



MAT 86222

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

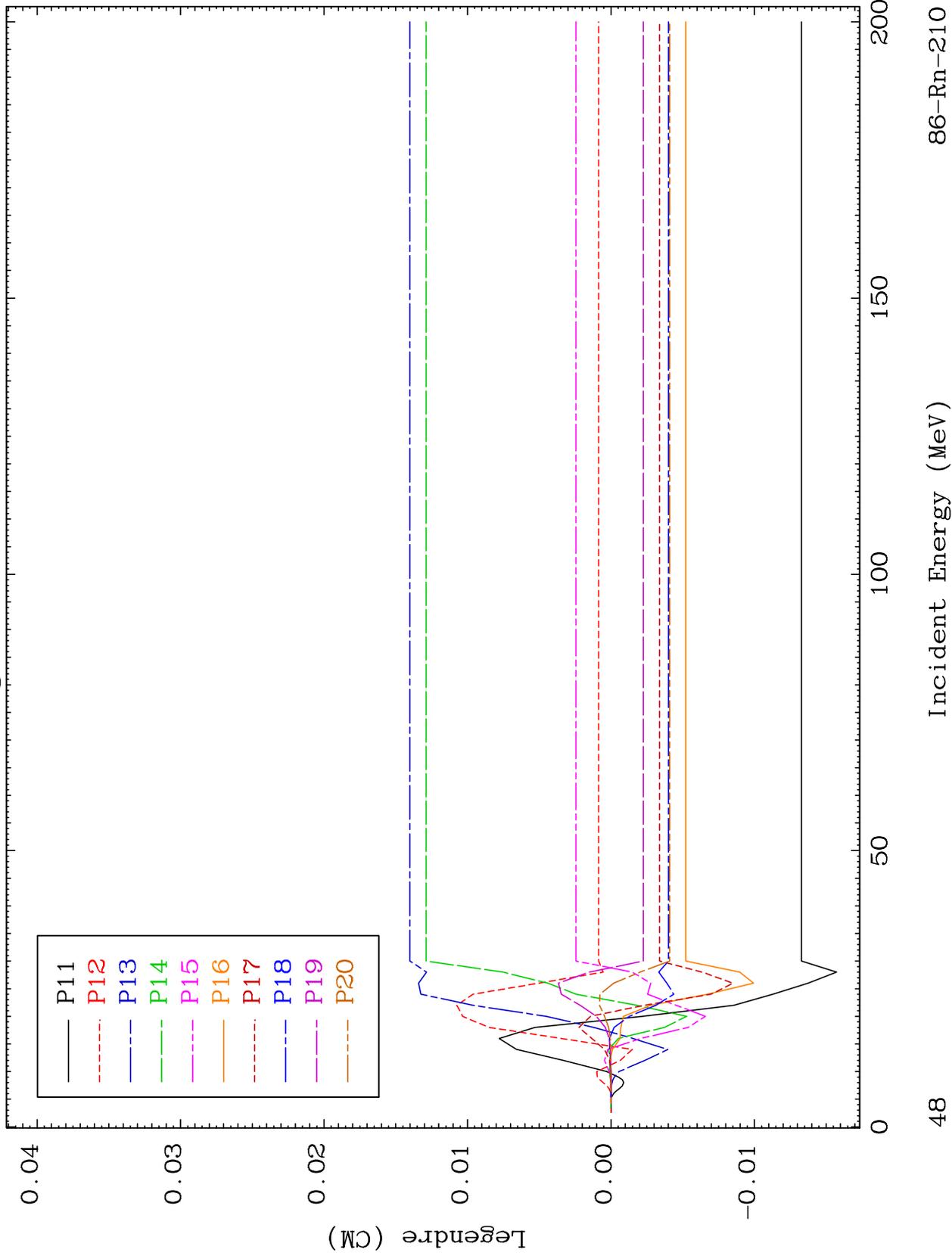
86-Rn-210



MAT 86222

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

86-Rn-210



48

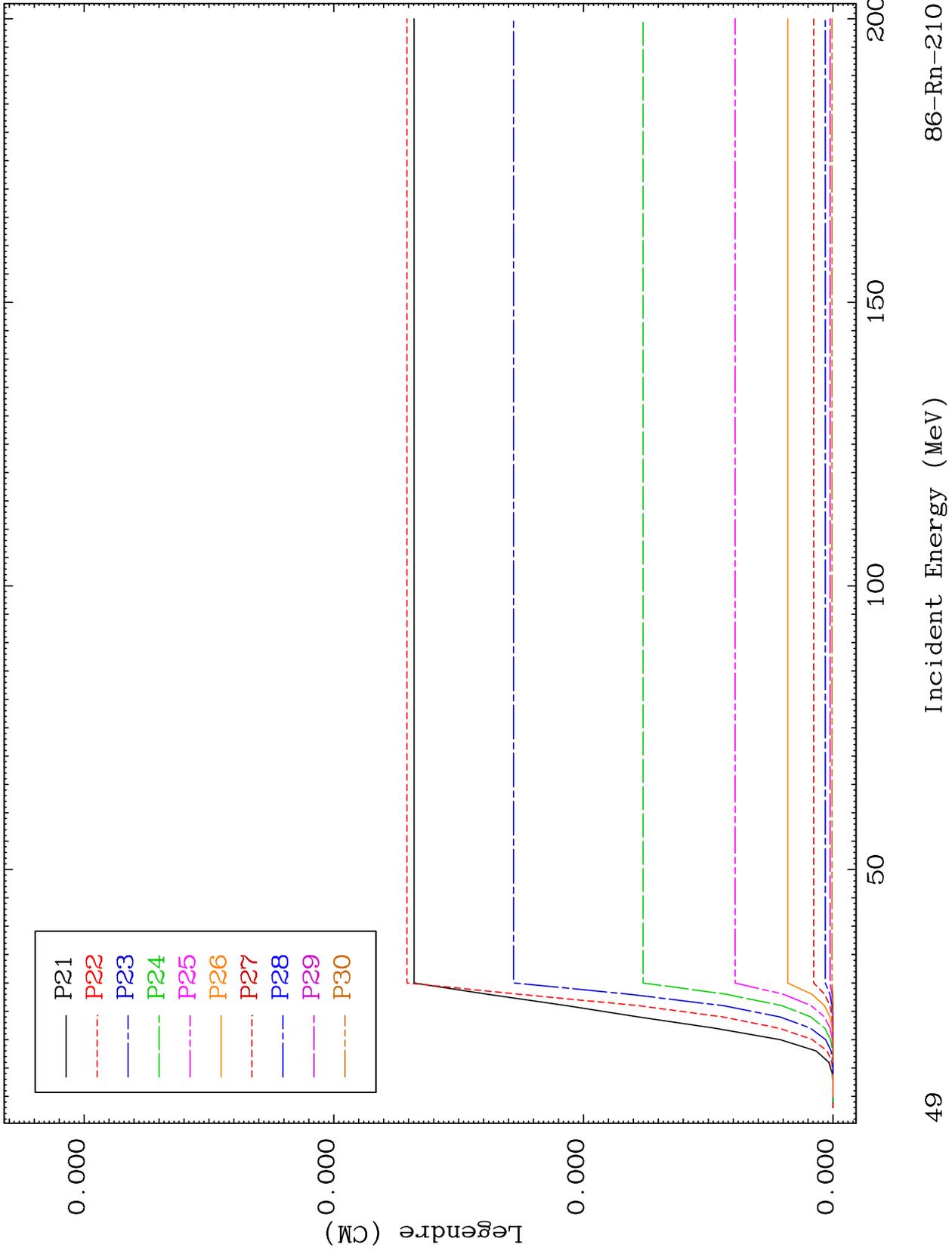
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

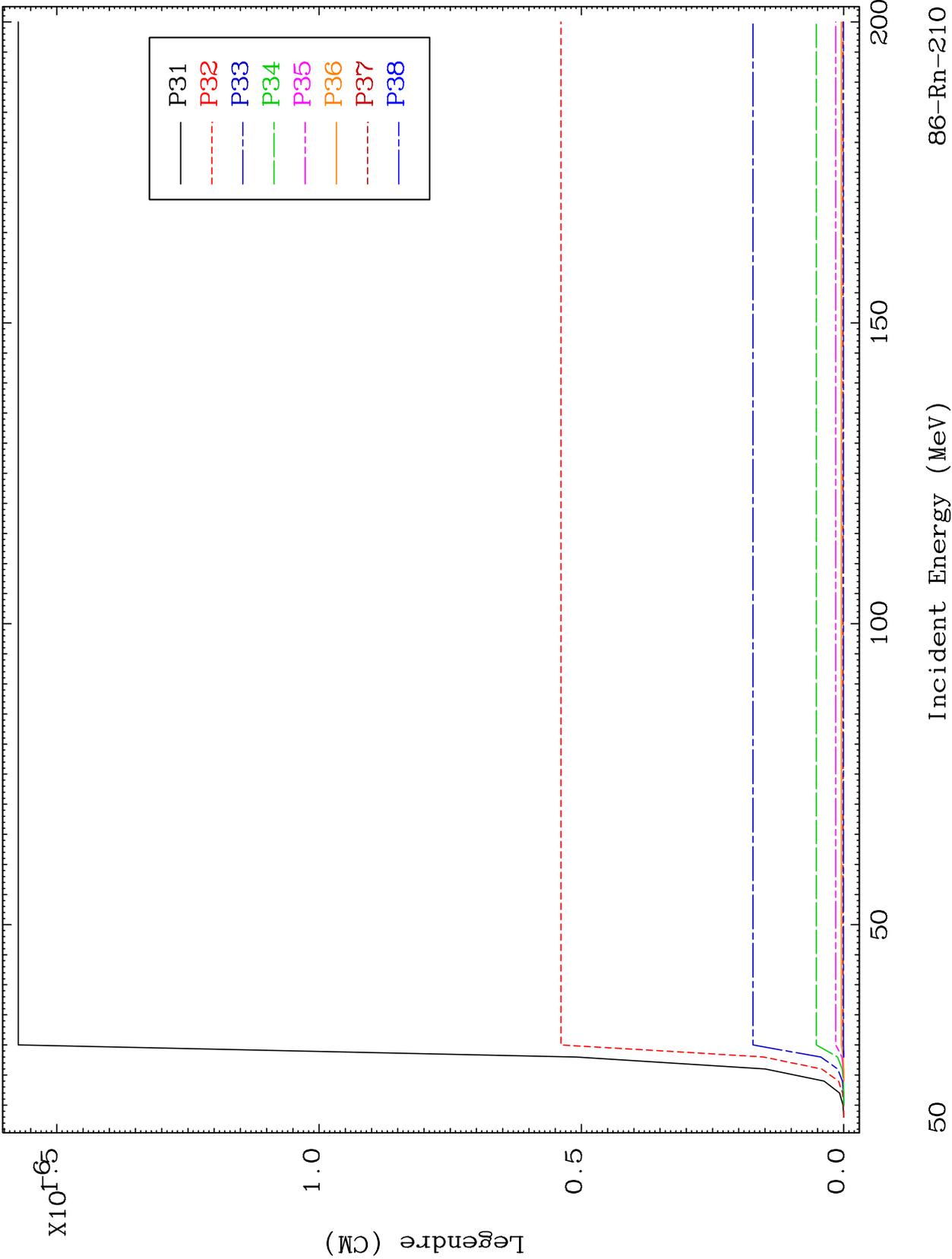
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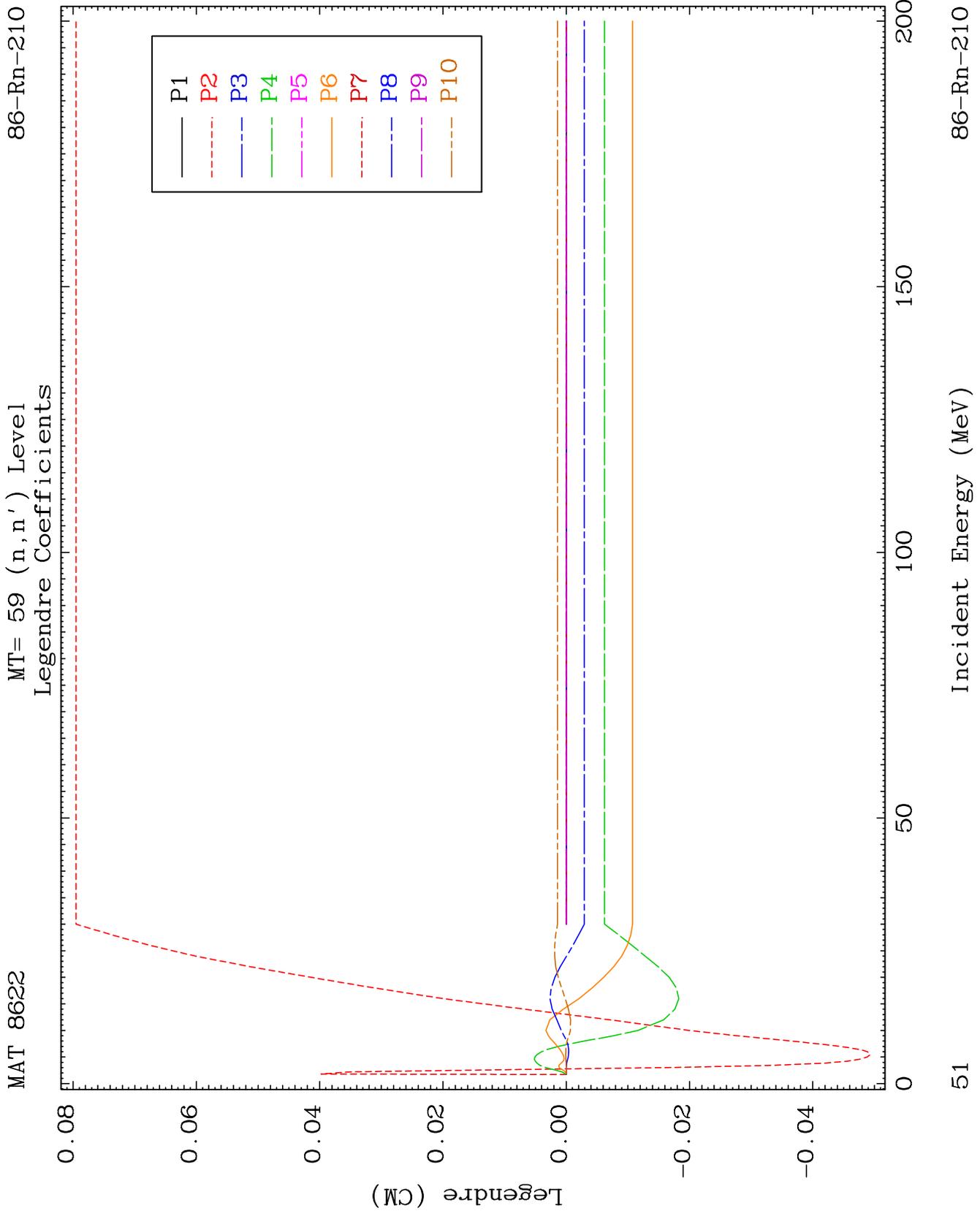


MAT 8622

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

86-Rn-210

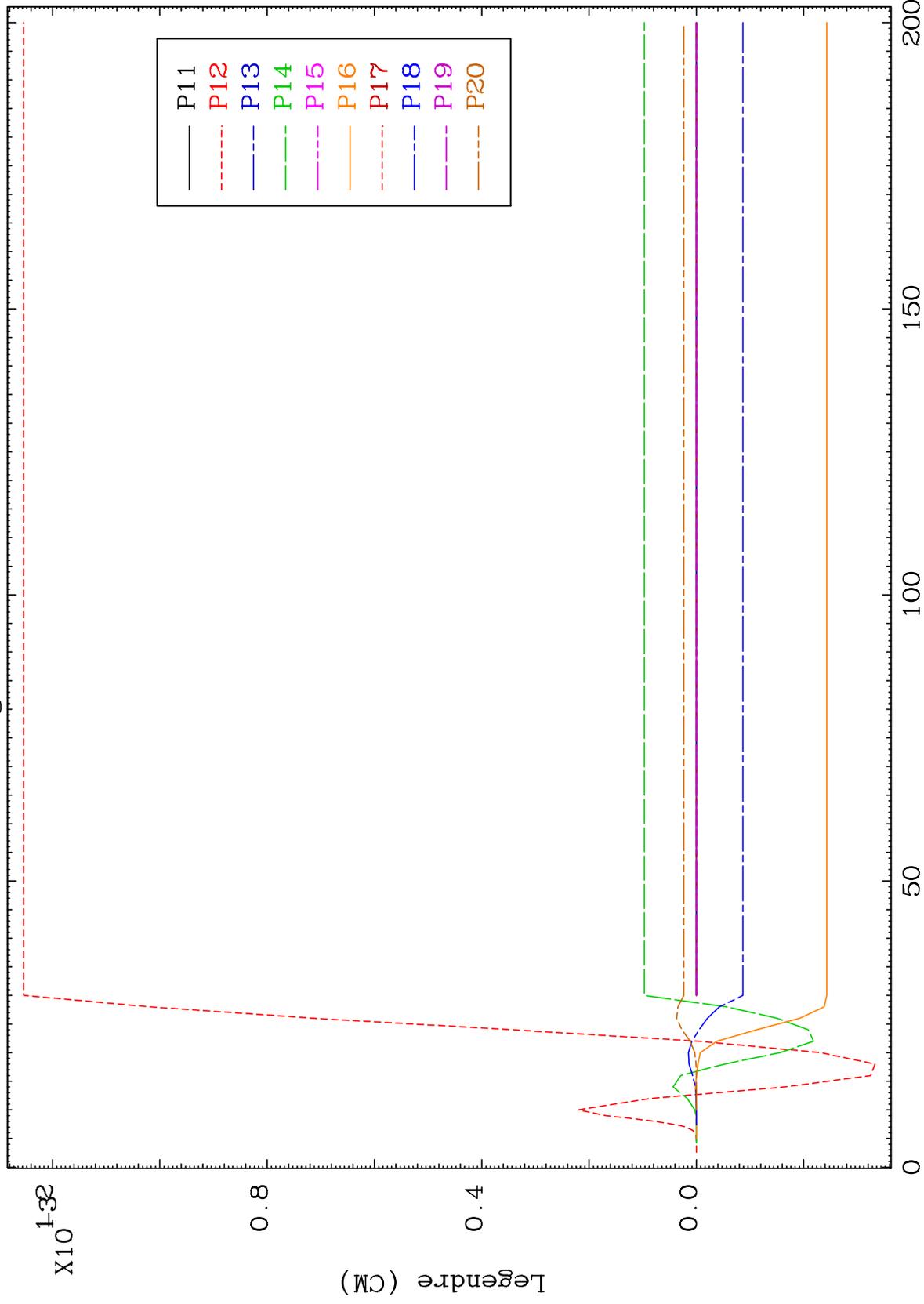




MAT 8622

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

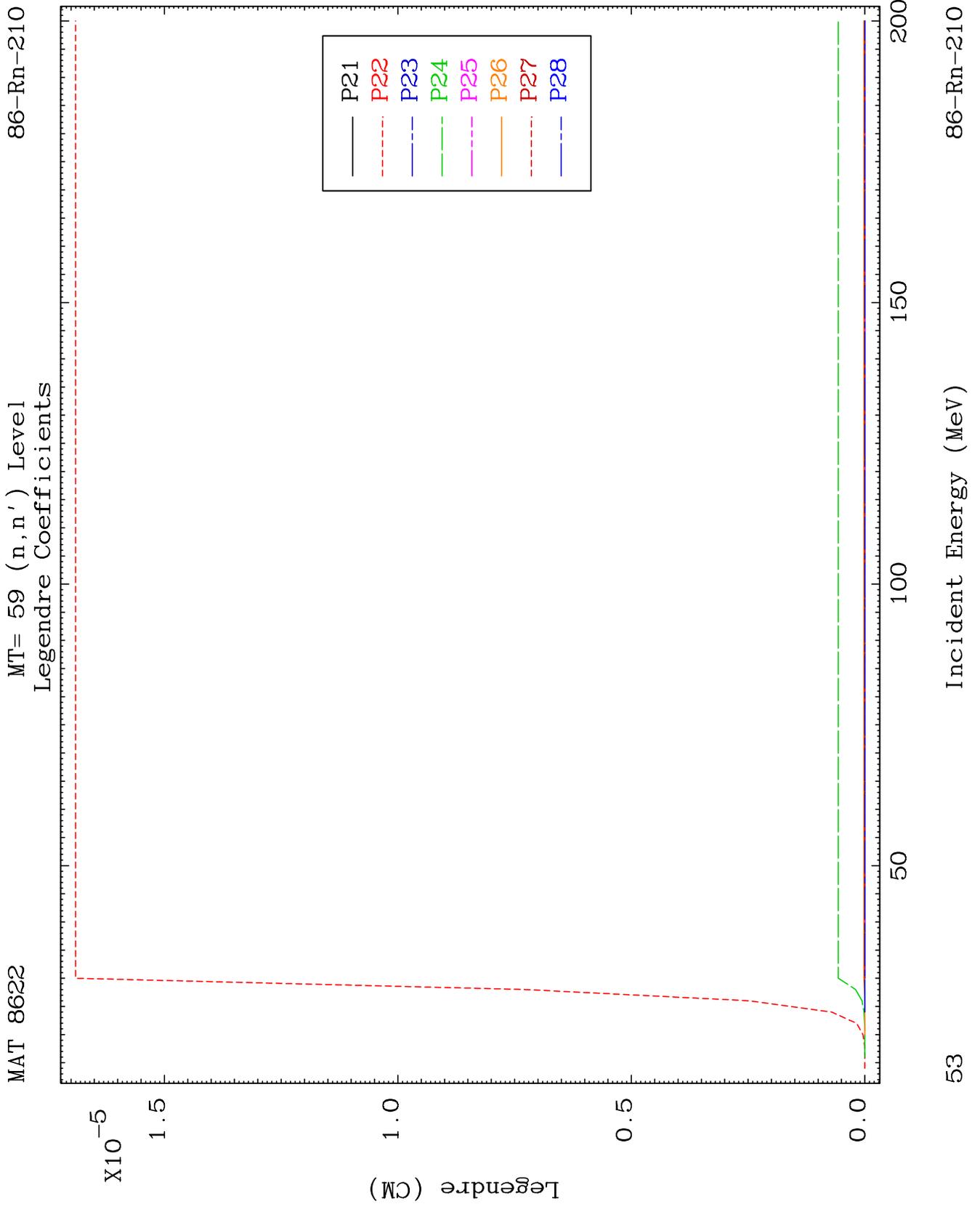
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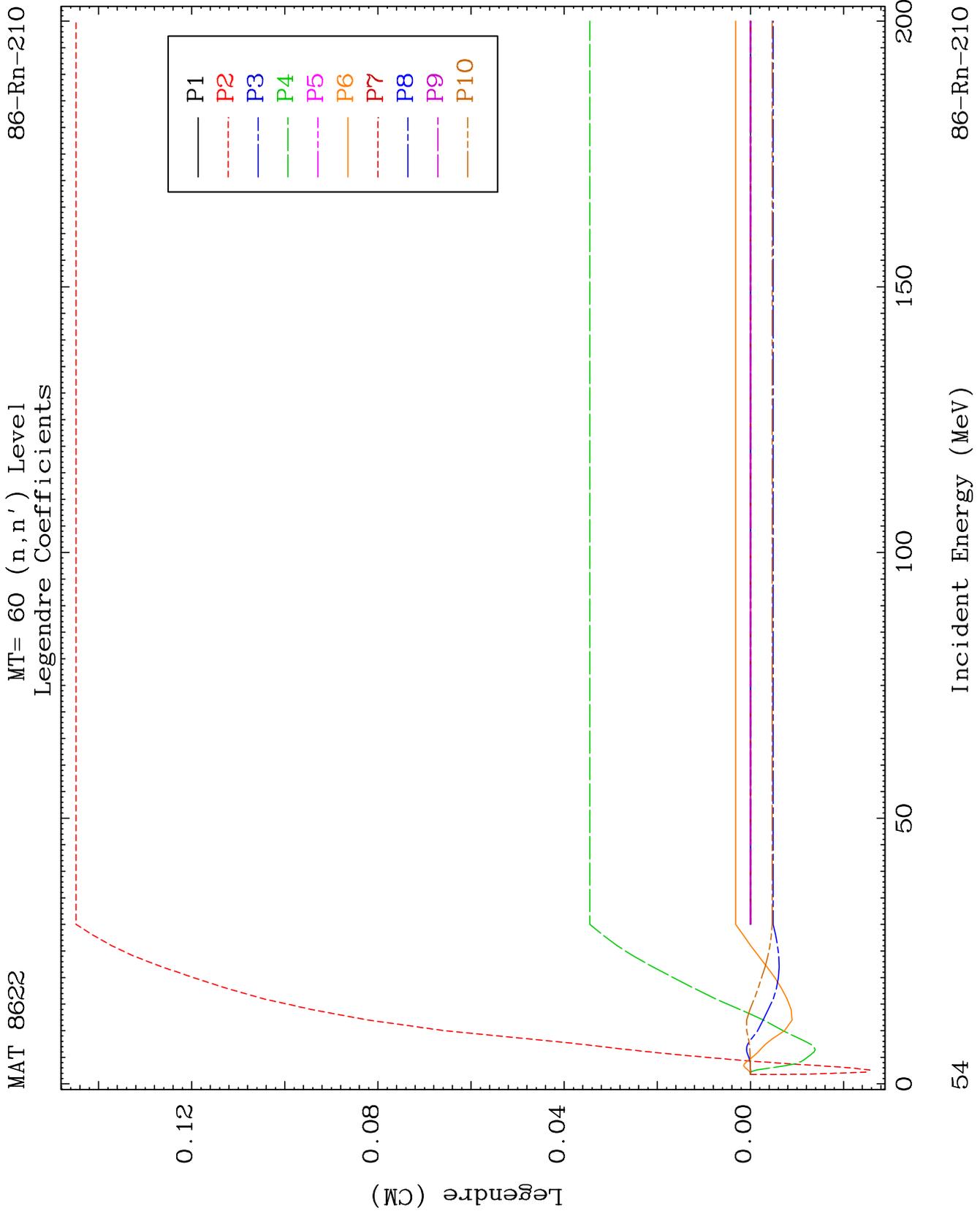


52

Incident Energy (MeV)

86-Rn-210





86-Rn-210

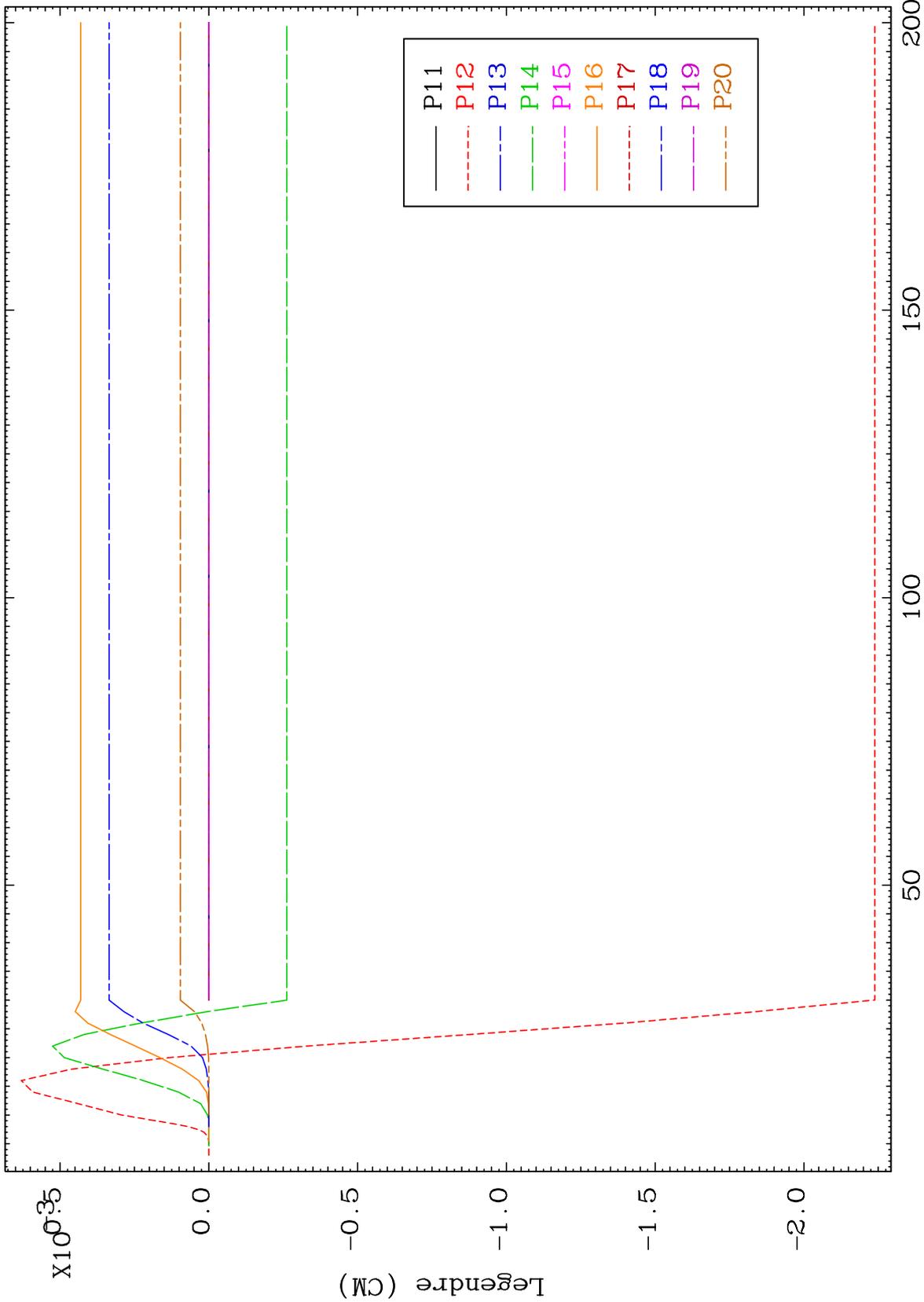
Incident Energy (MeV)

54

MAT 8622

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

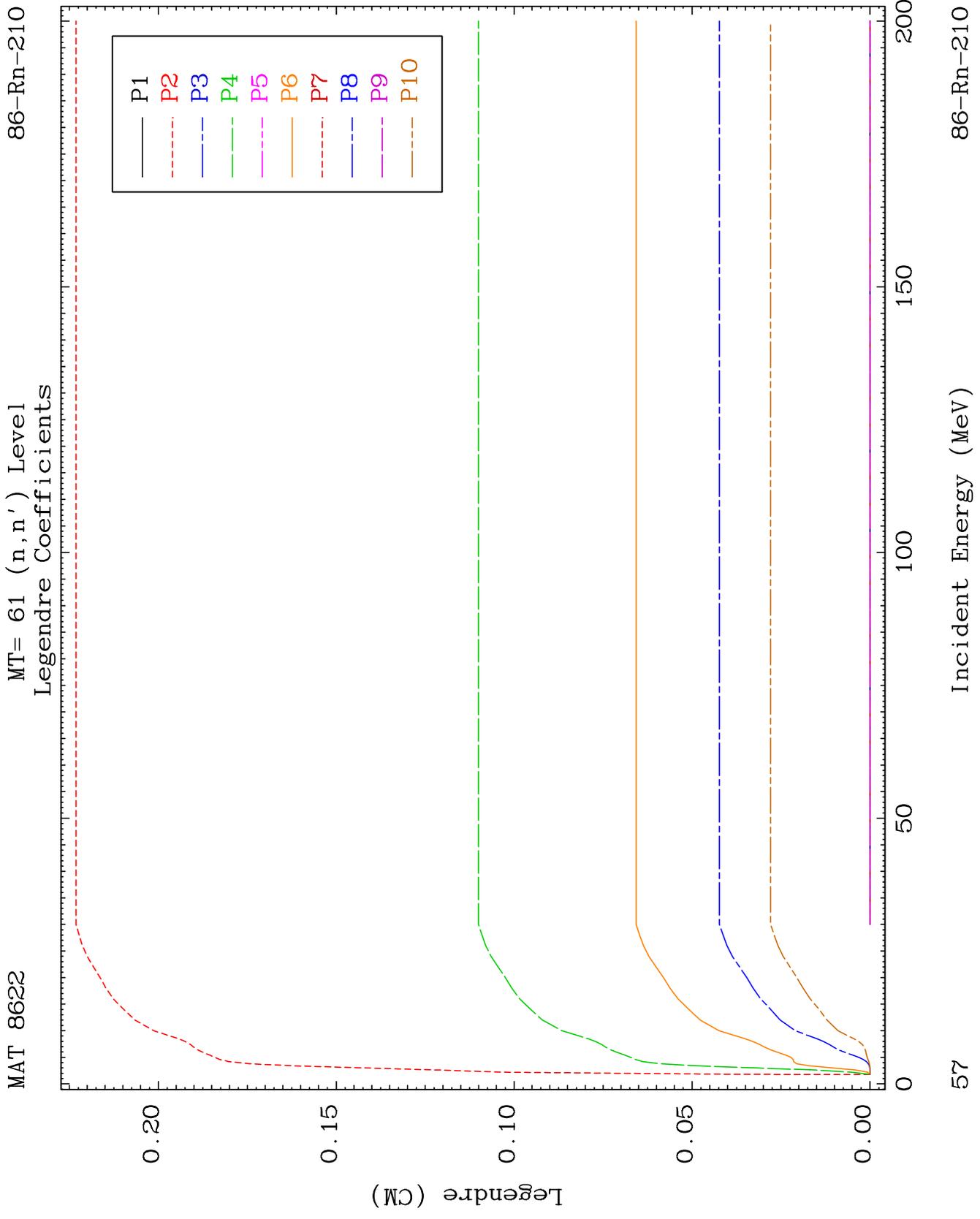
86-Rn-210



55

Incident Energy (MeV)

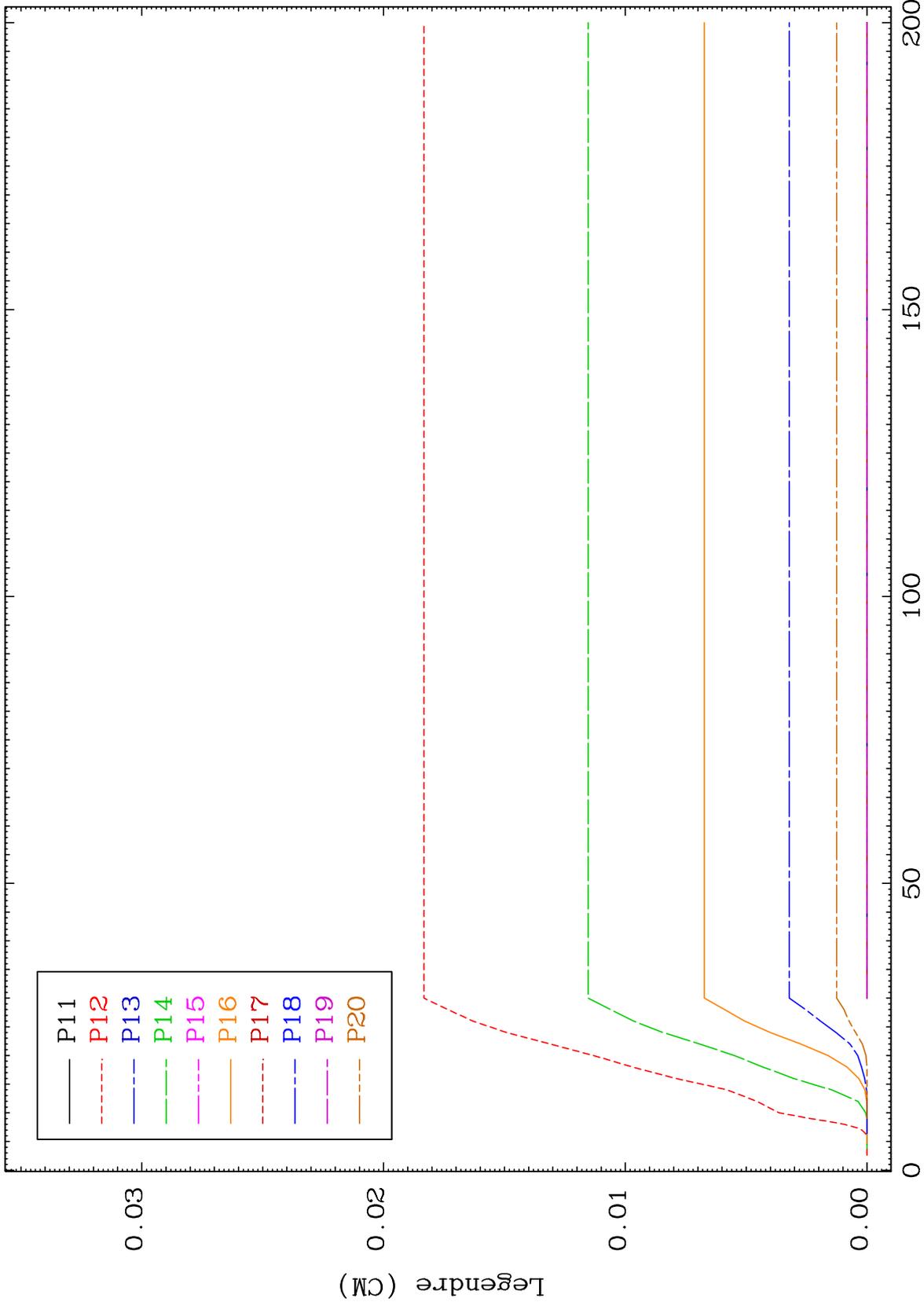
86-Rn-210



MAT 86222

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

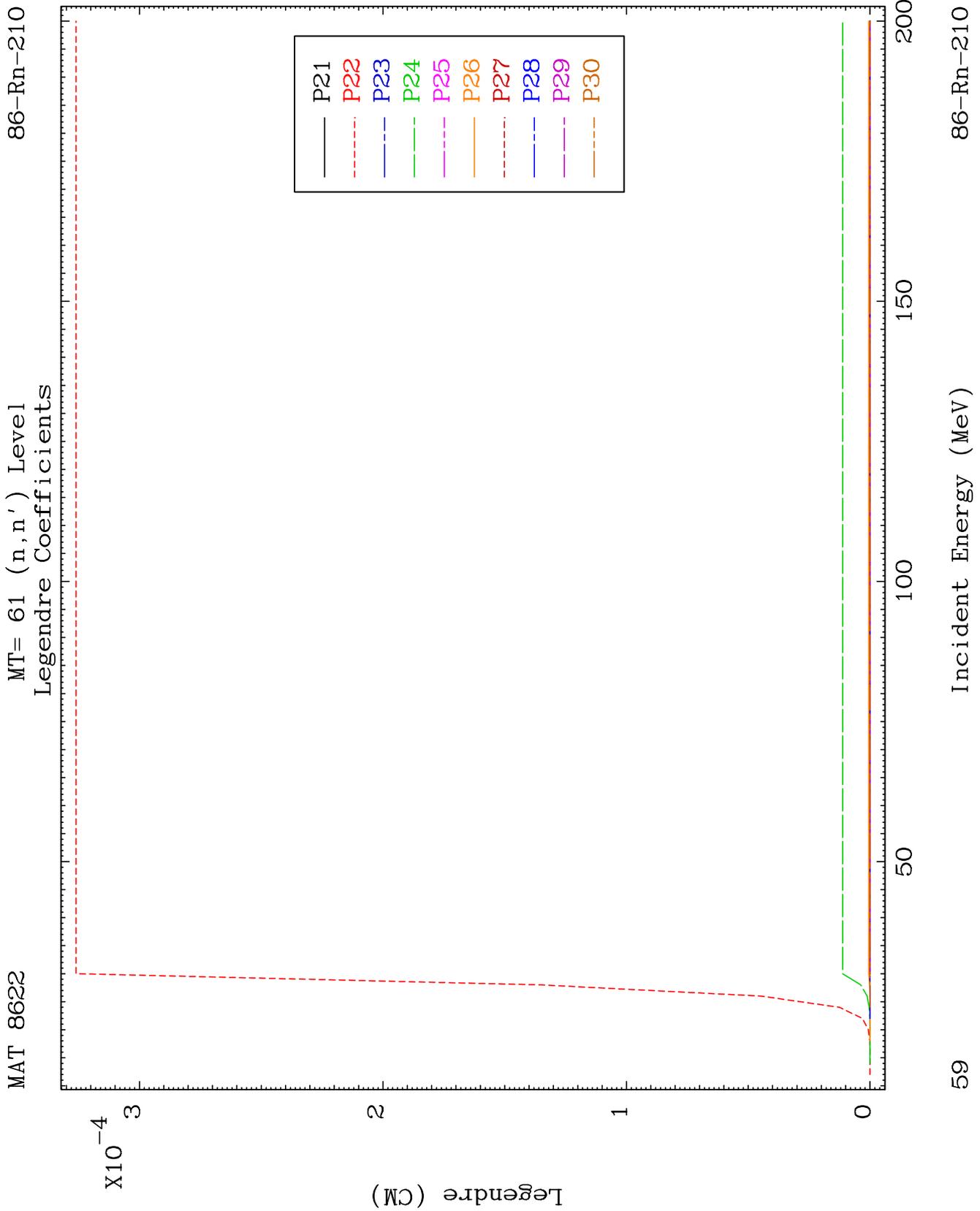
86-Rn-210



58

Incident Energy (MeV)

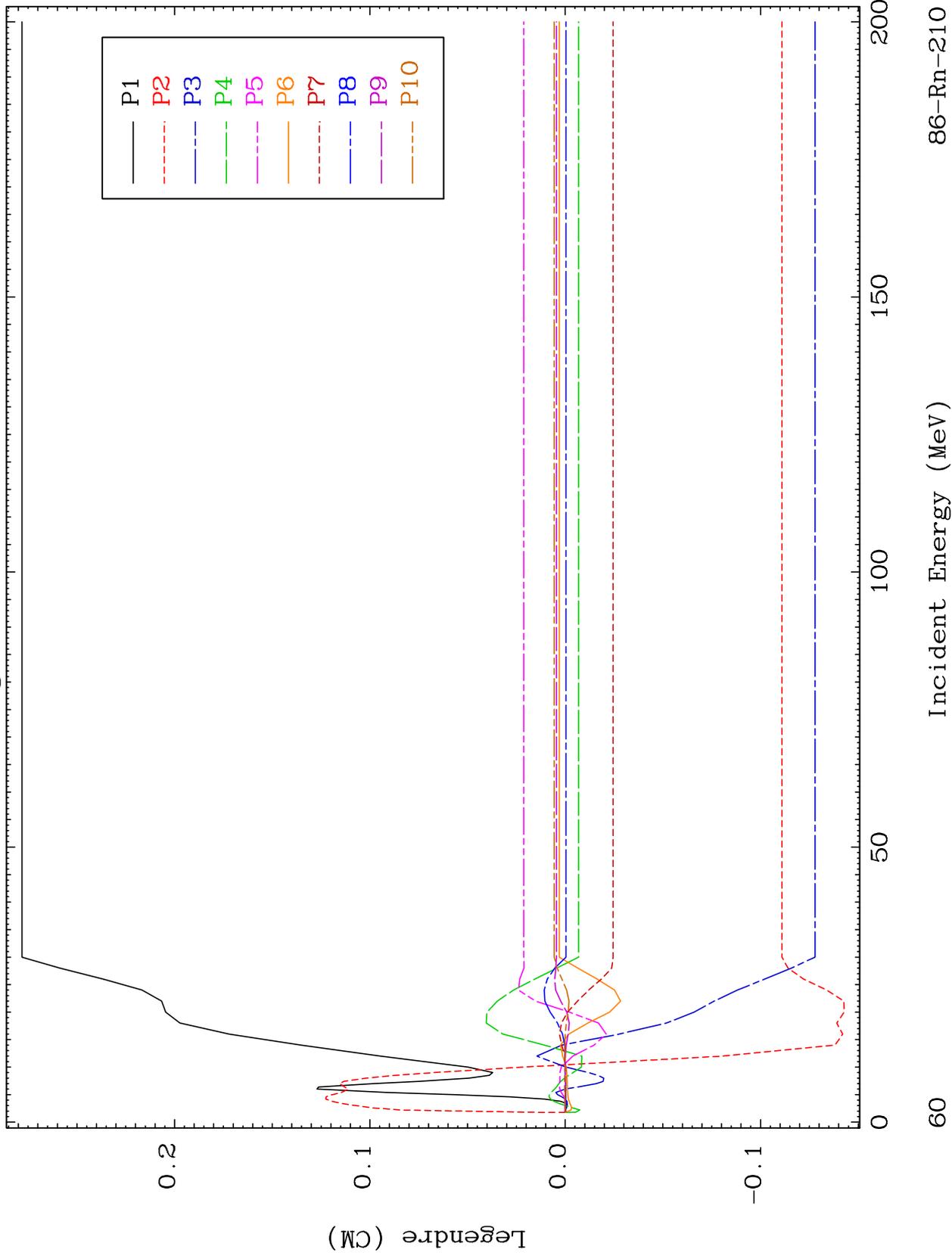
86-Rn-210



MAT 86222

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

86-Rn-210



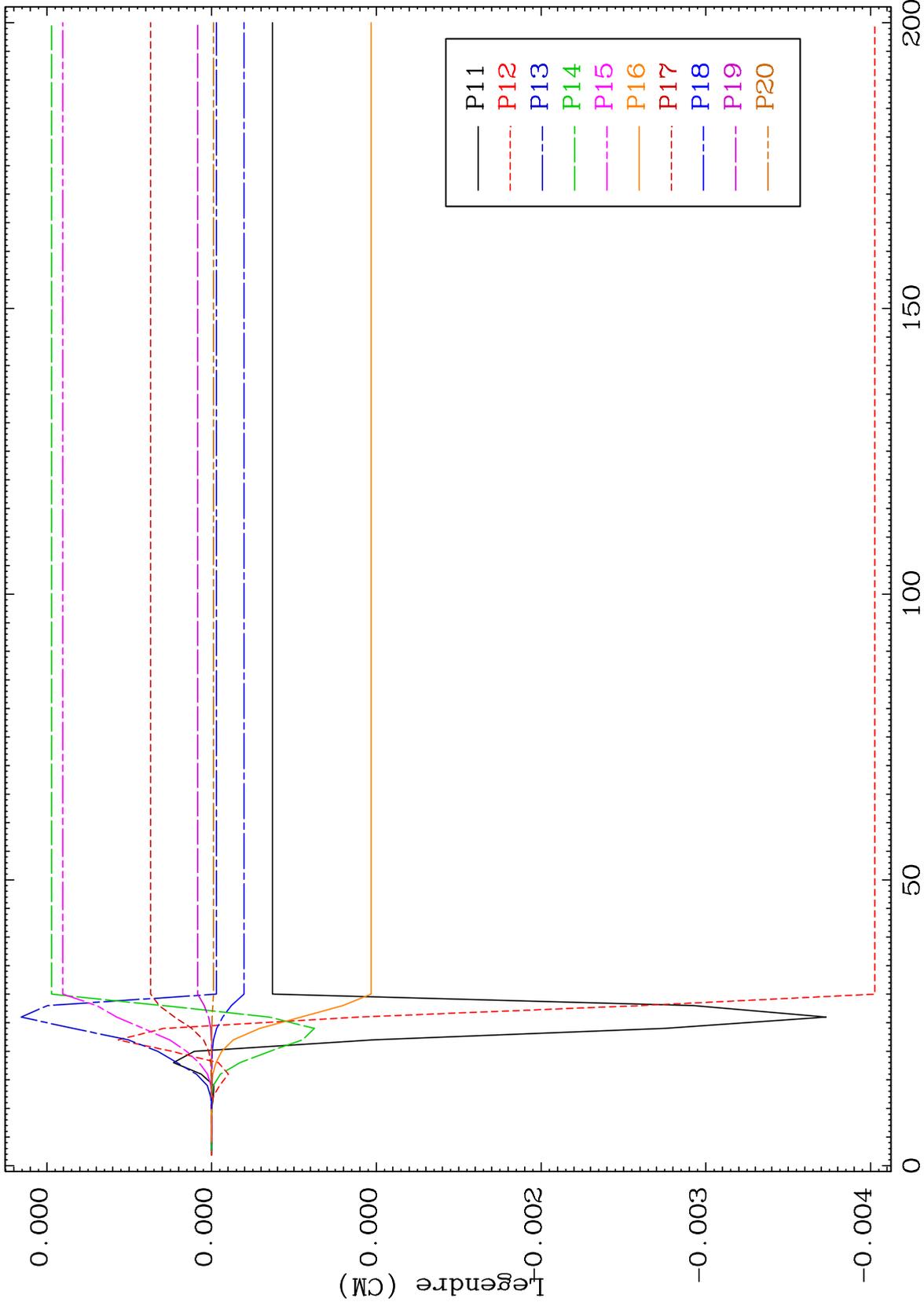
86-Rn-210

Incident Energy (MeV)

MAT 8622

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

86-Rn-210



61

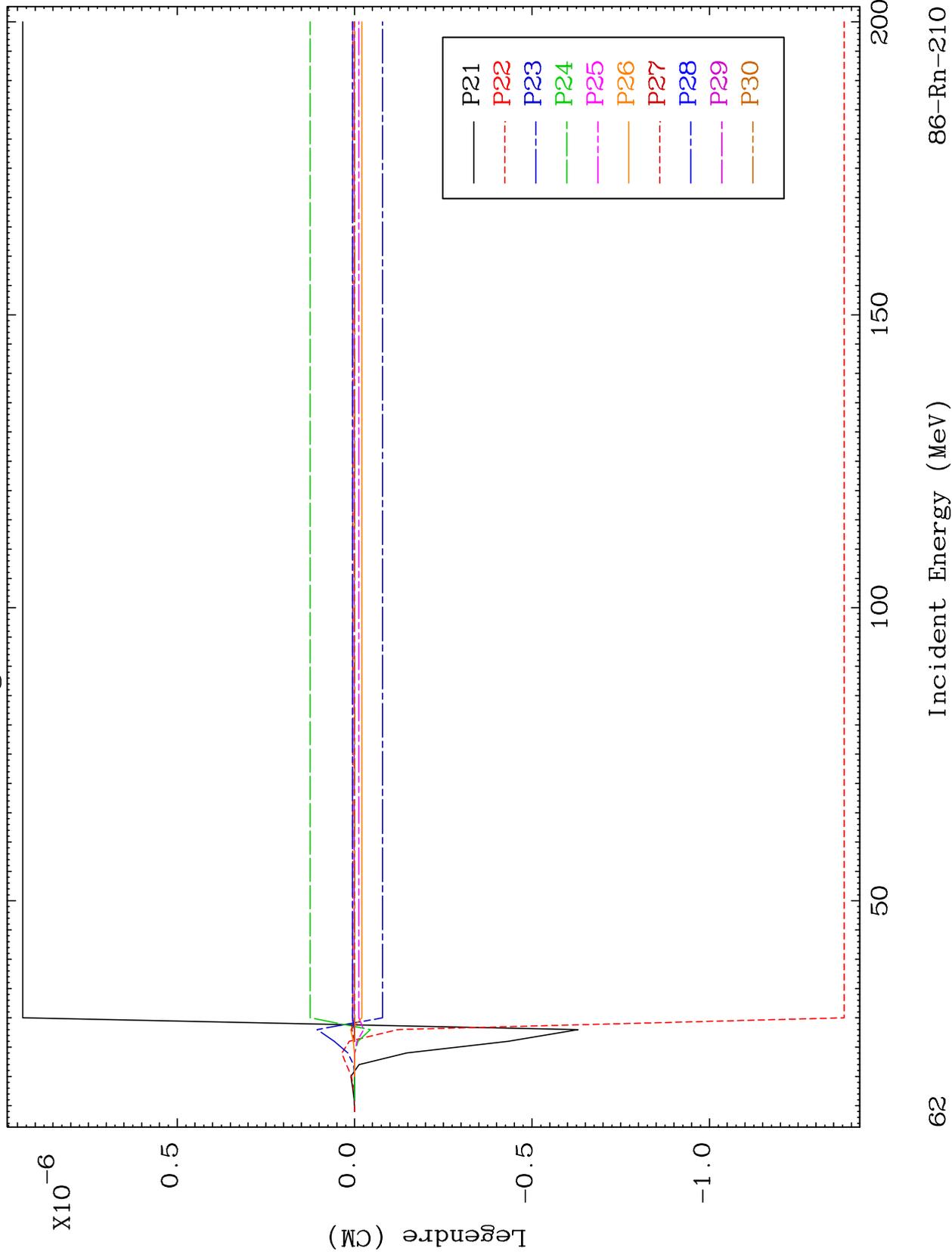
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



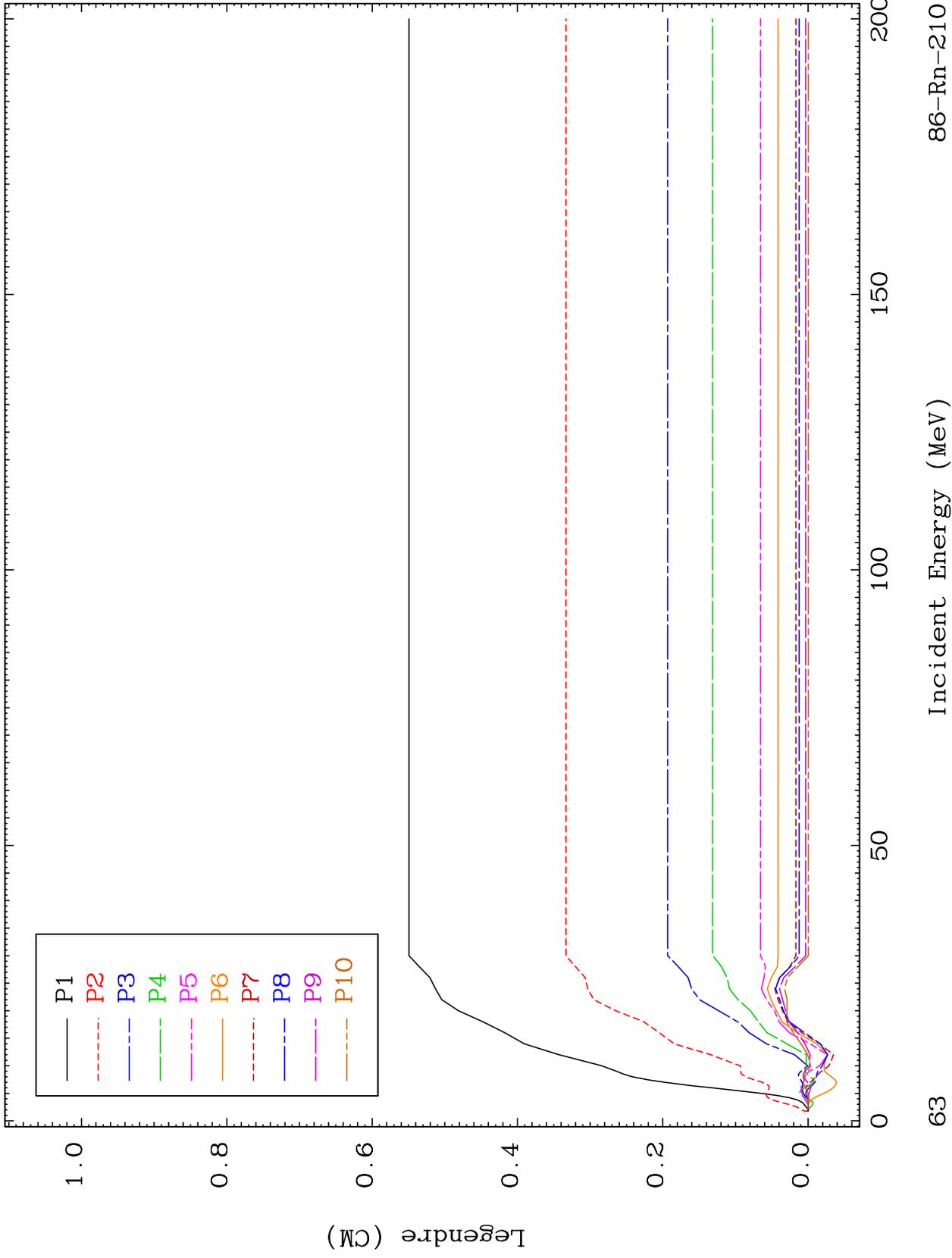
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86-Rn-210

MAT 86222

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

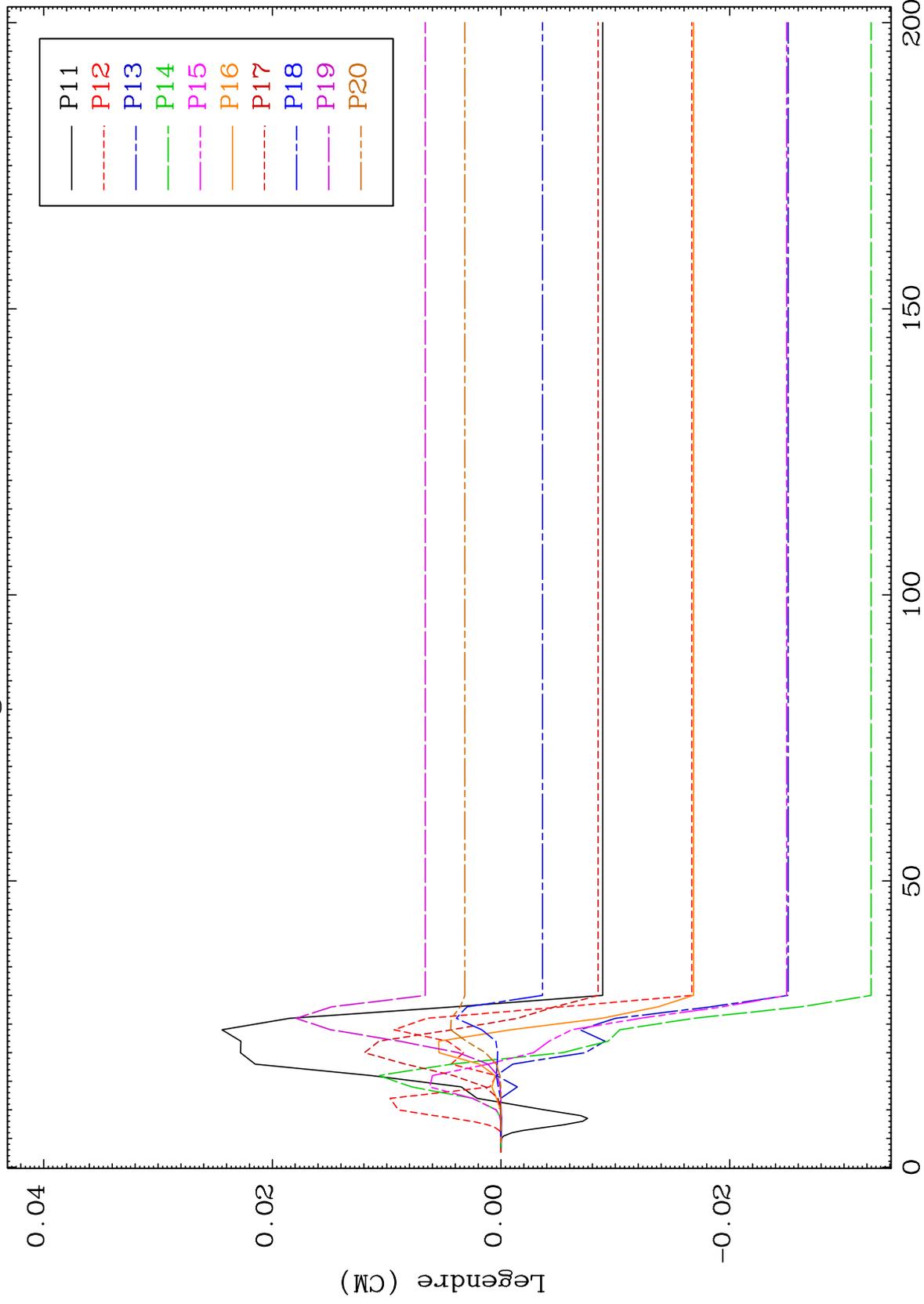
86-Rn-210



MAT 8622

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

86-Rn-210



64

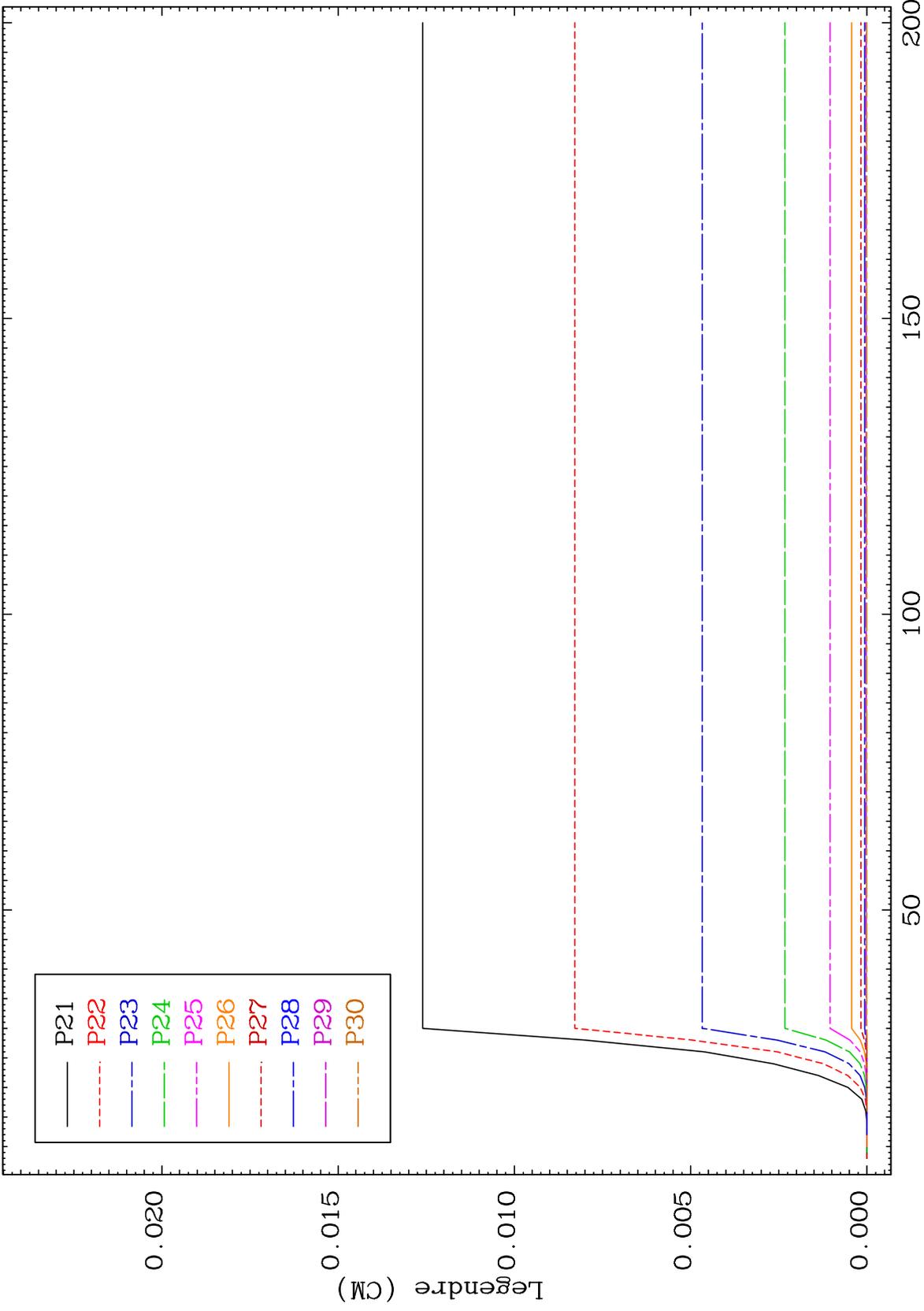
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



65

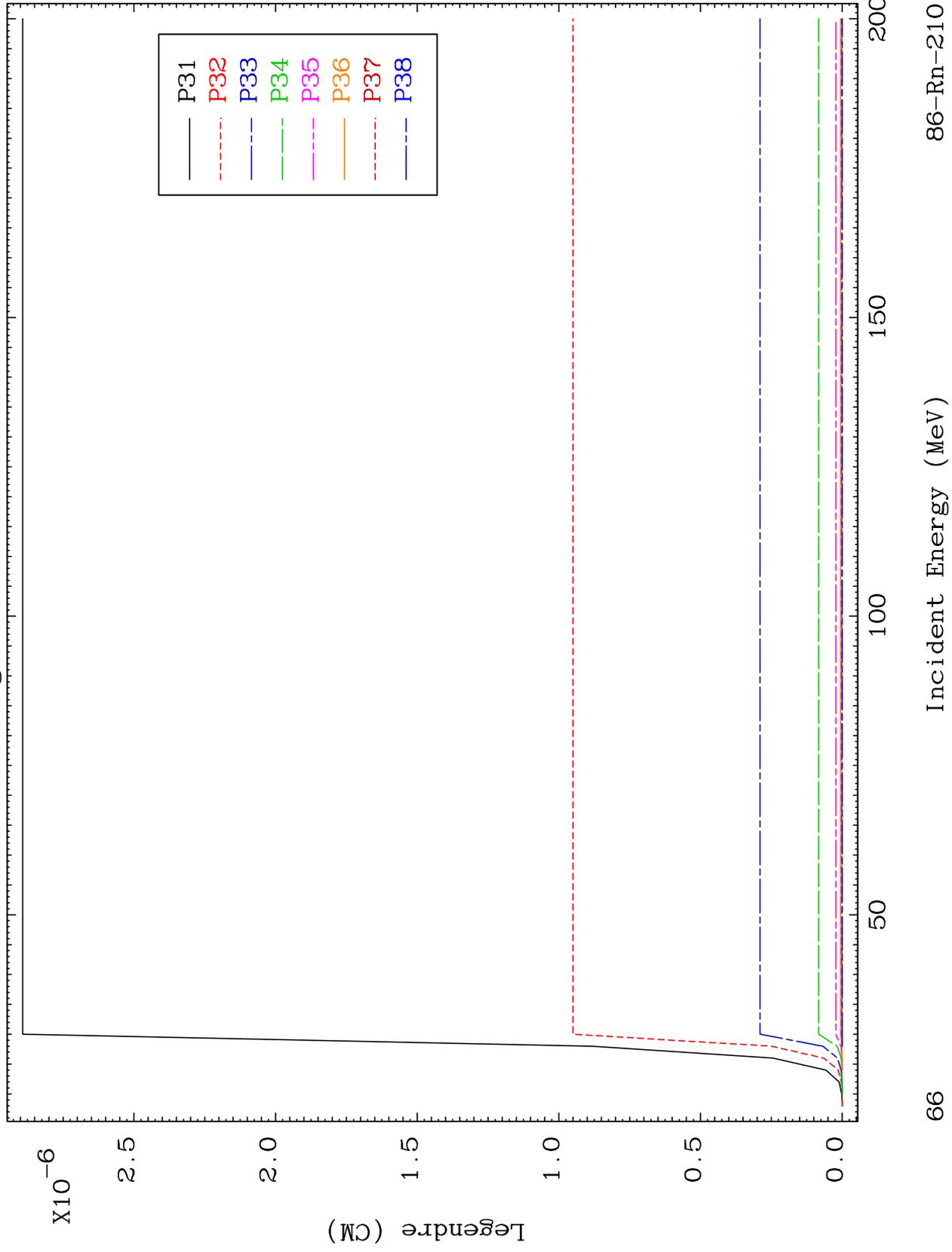
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



66

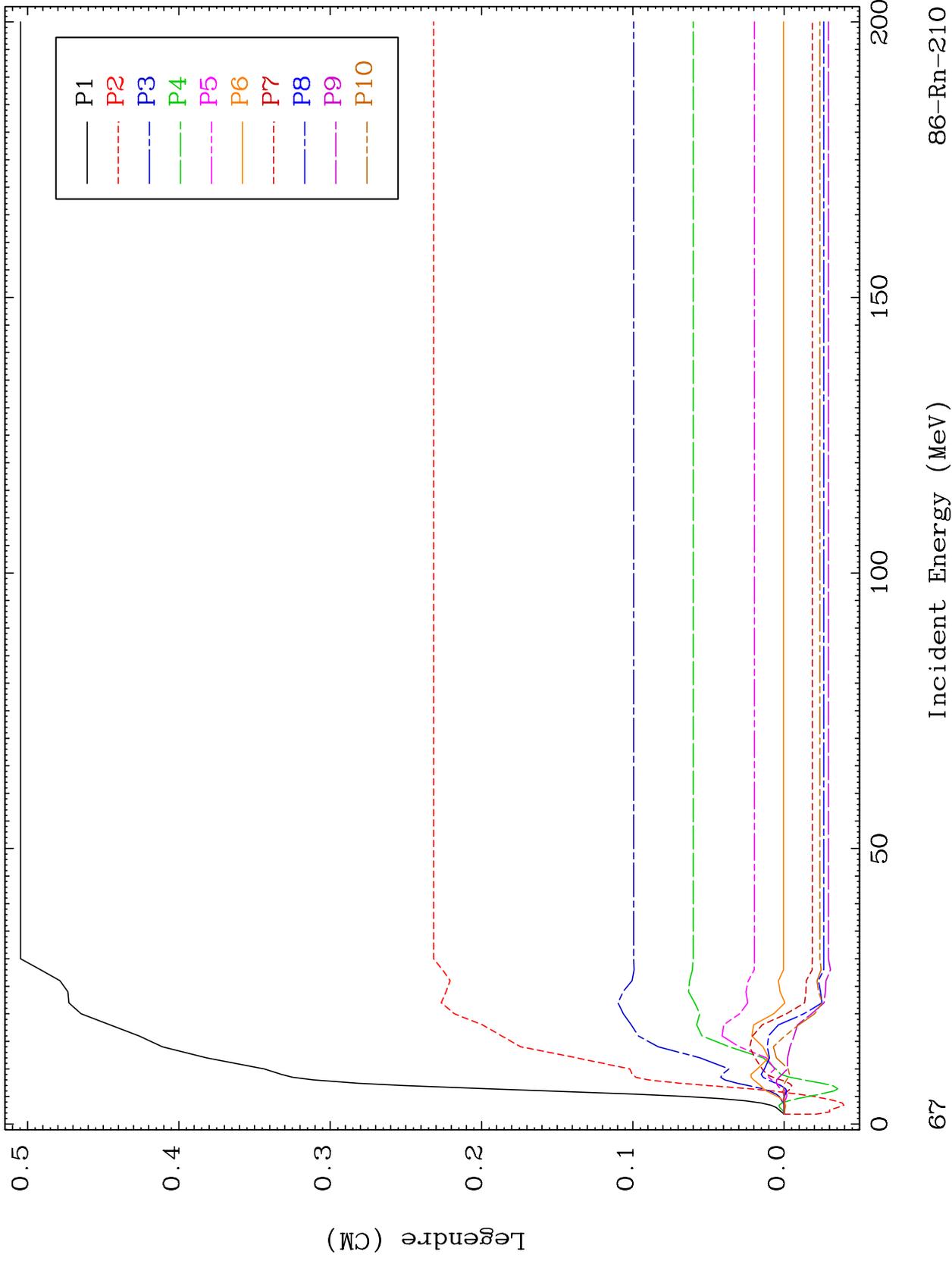
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



67

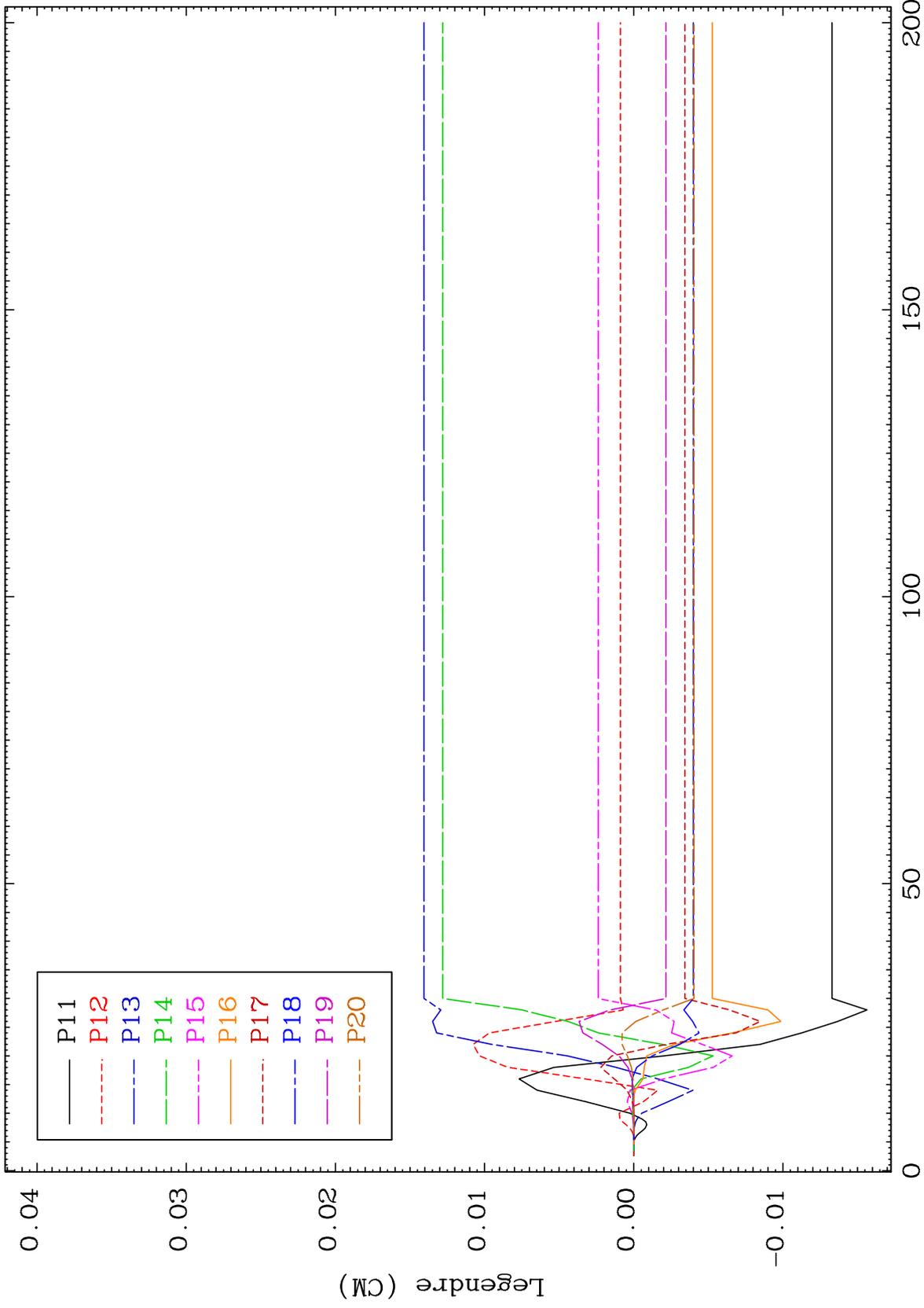
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



68

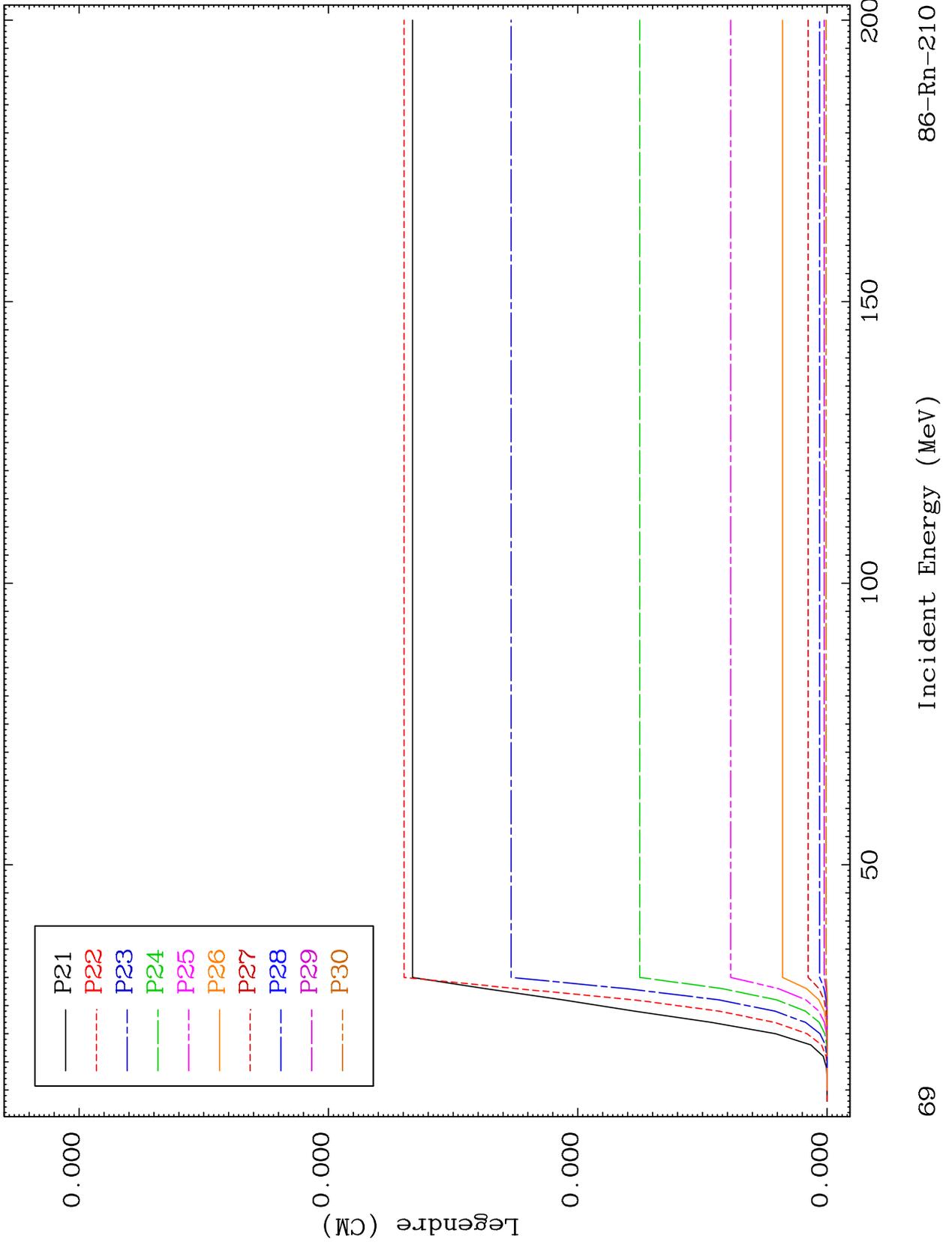
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



69

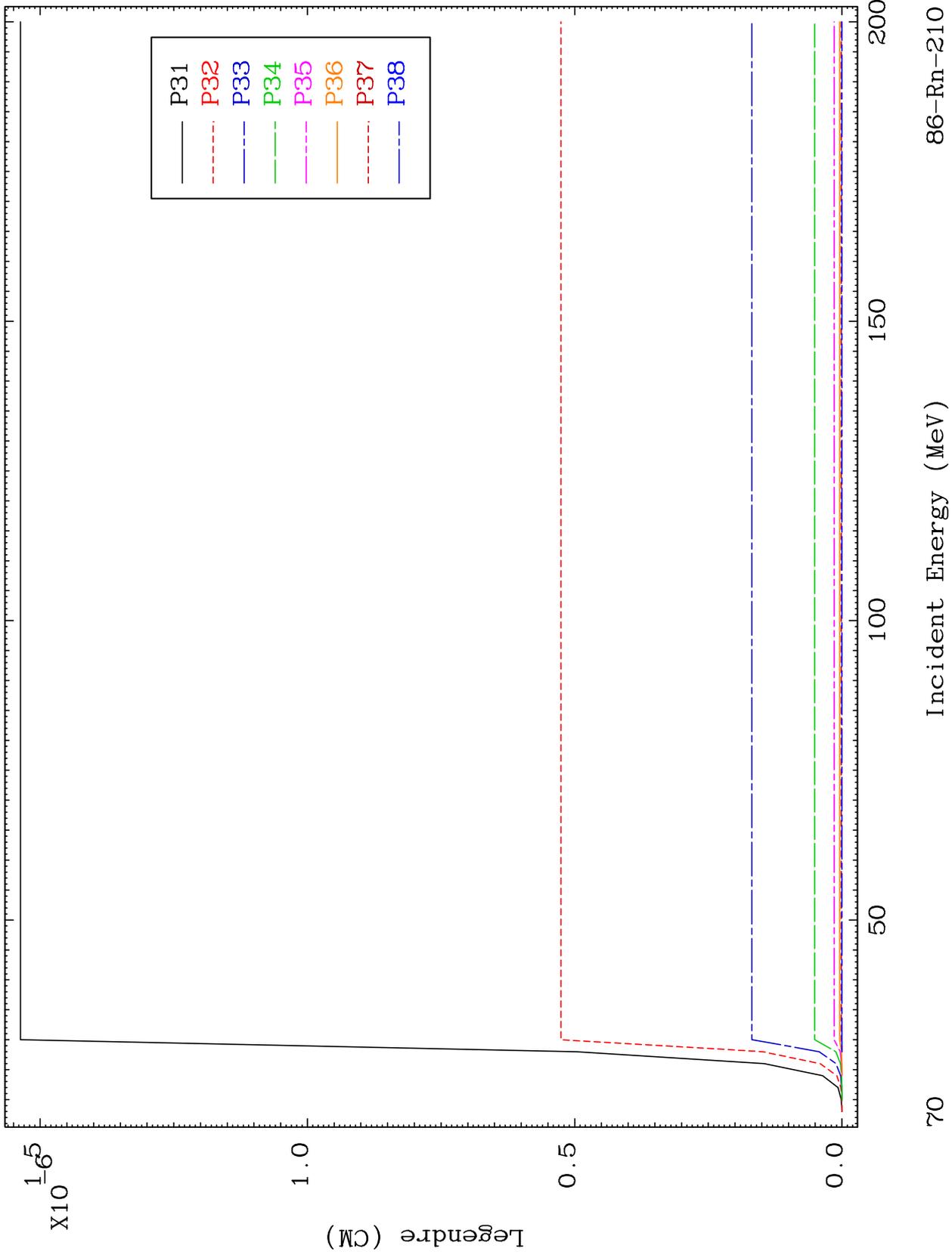
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

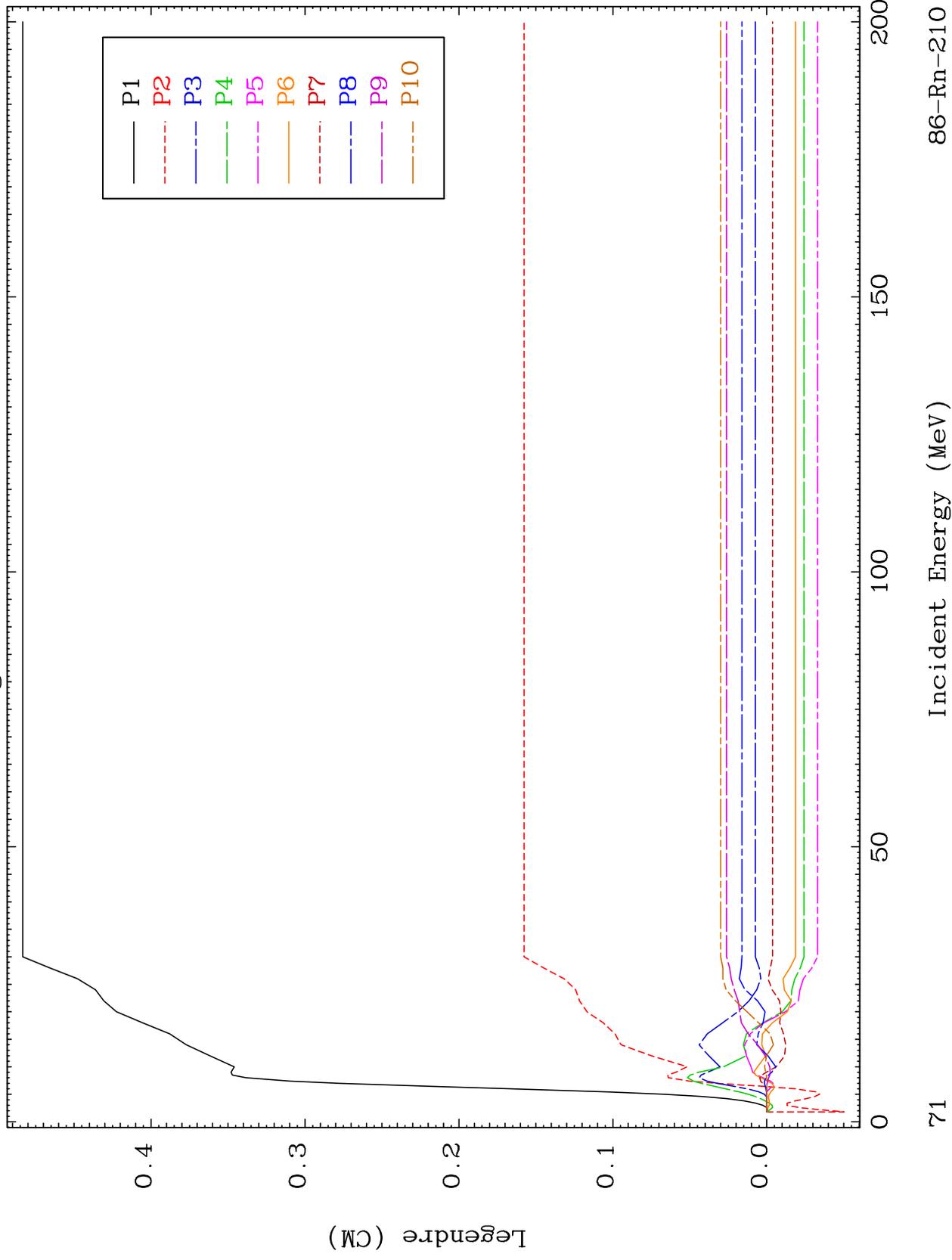
86-Rn-210



MAT 86222

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

86-Rn-210



71

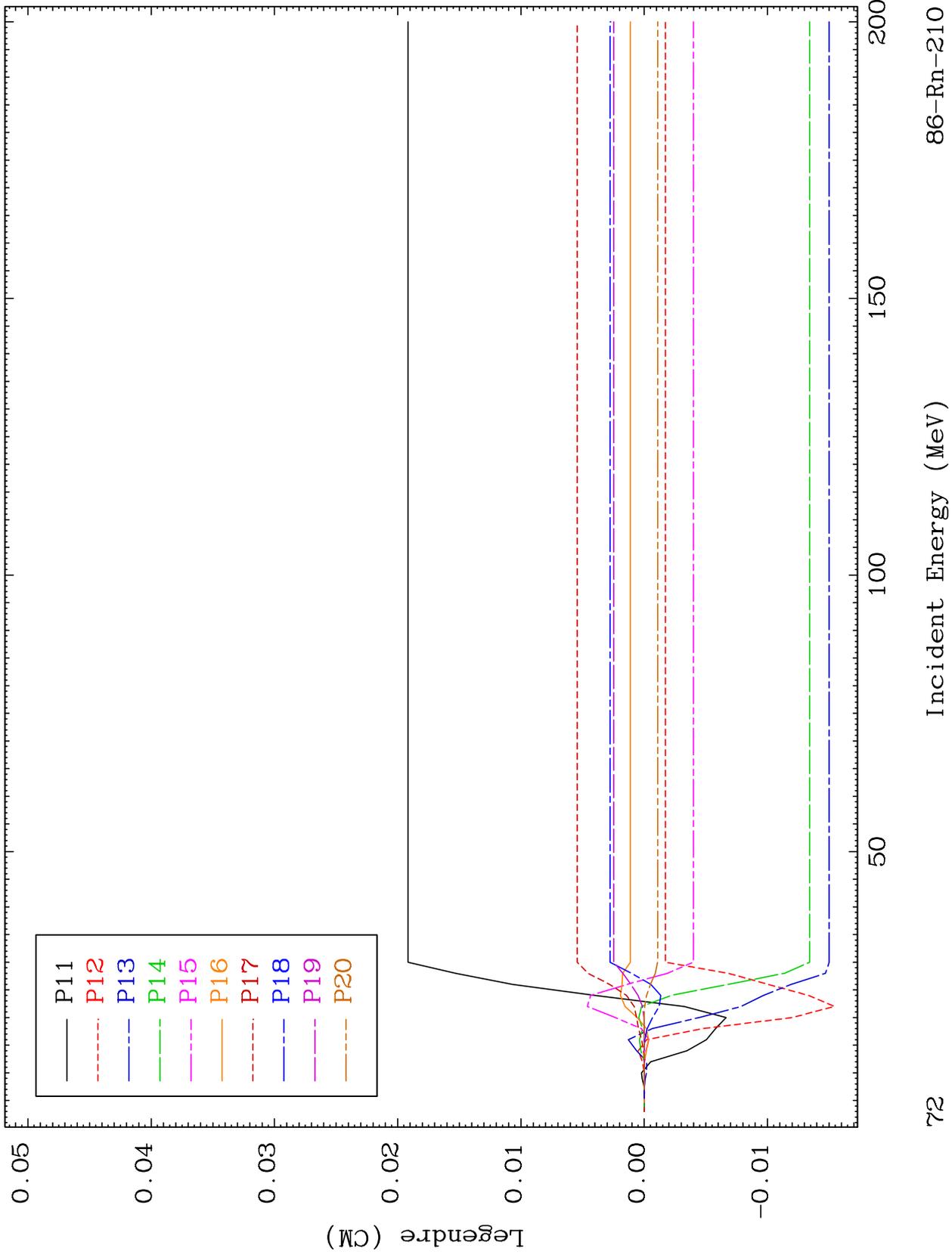
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



72

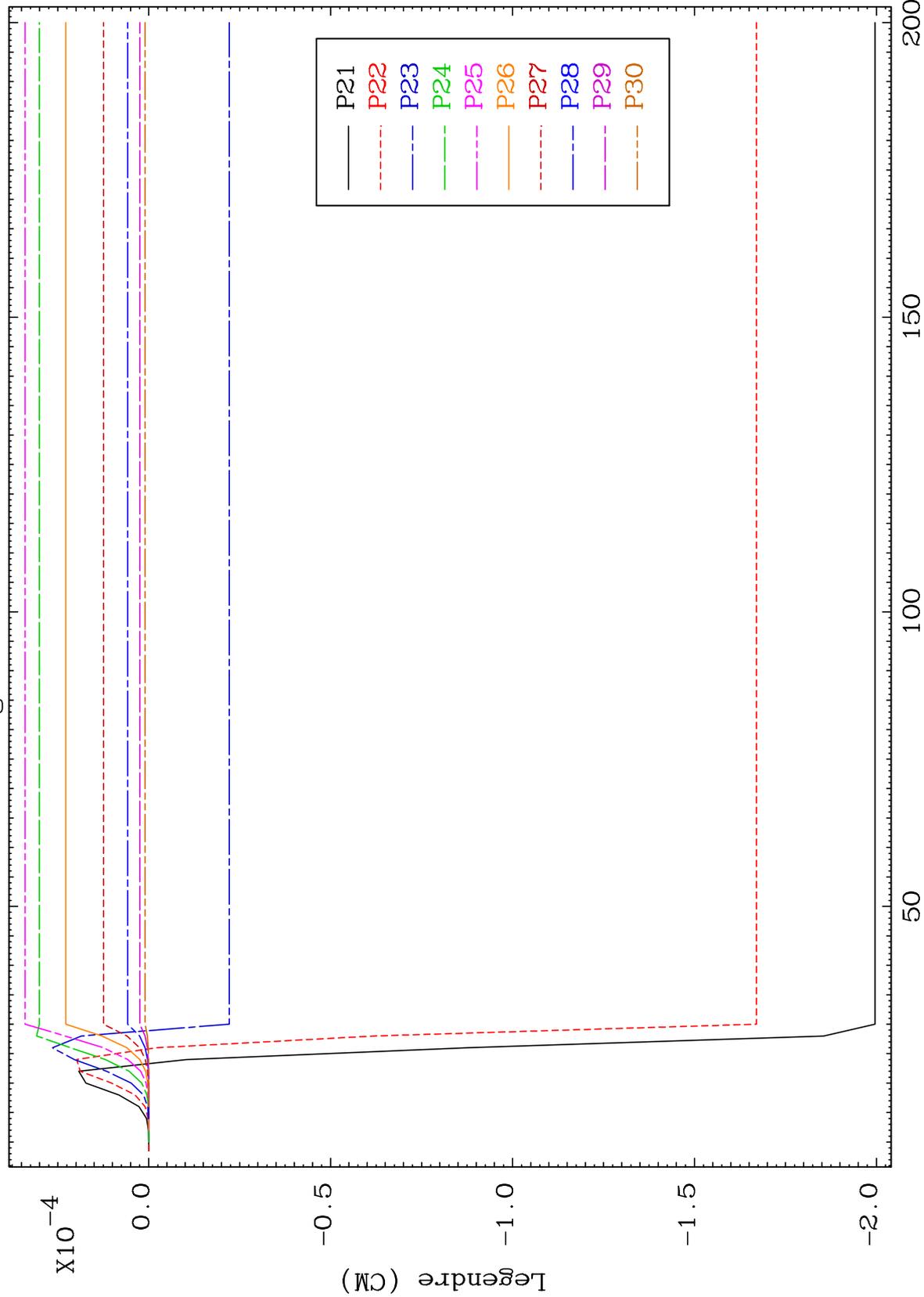
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



73

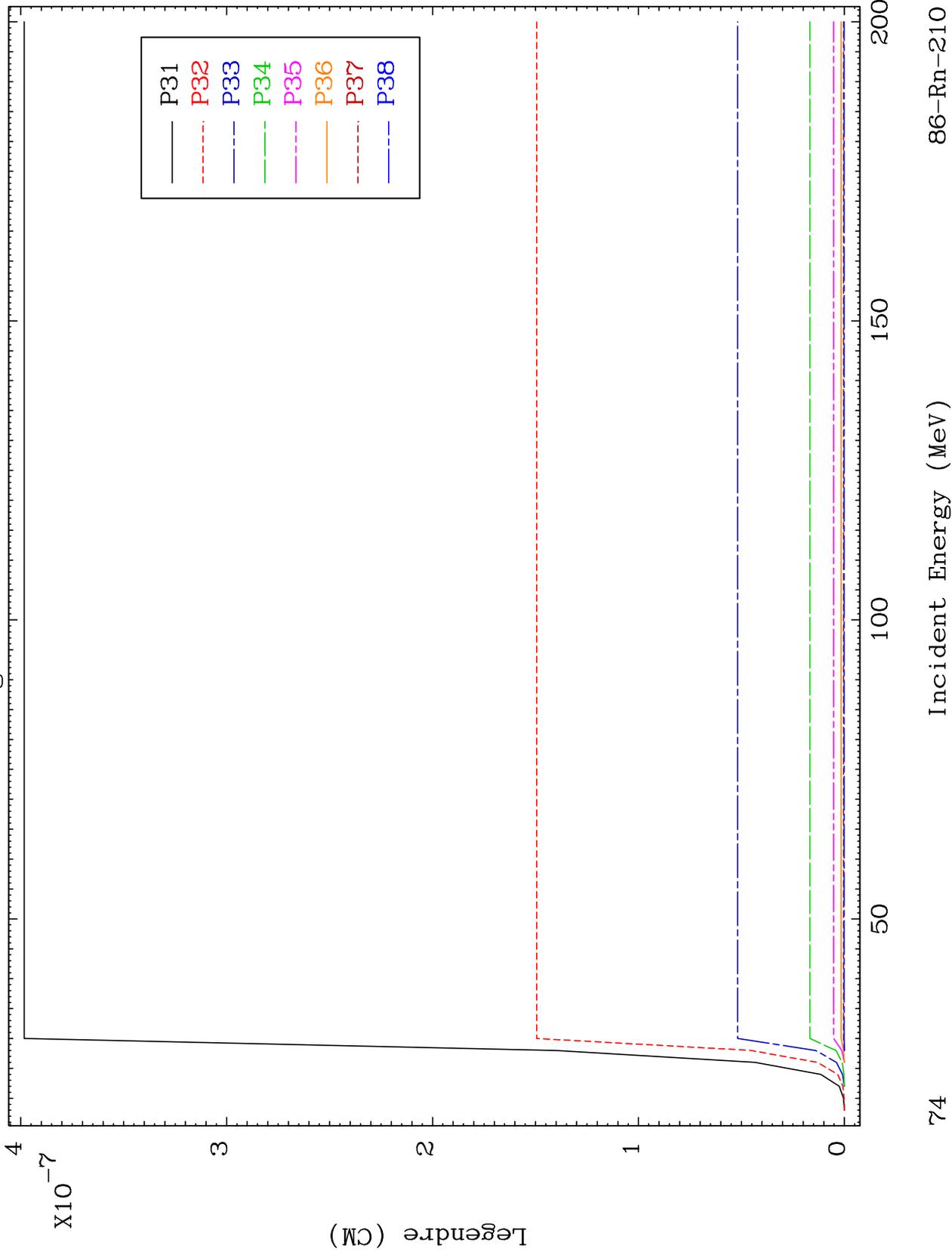
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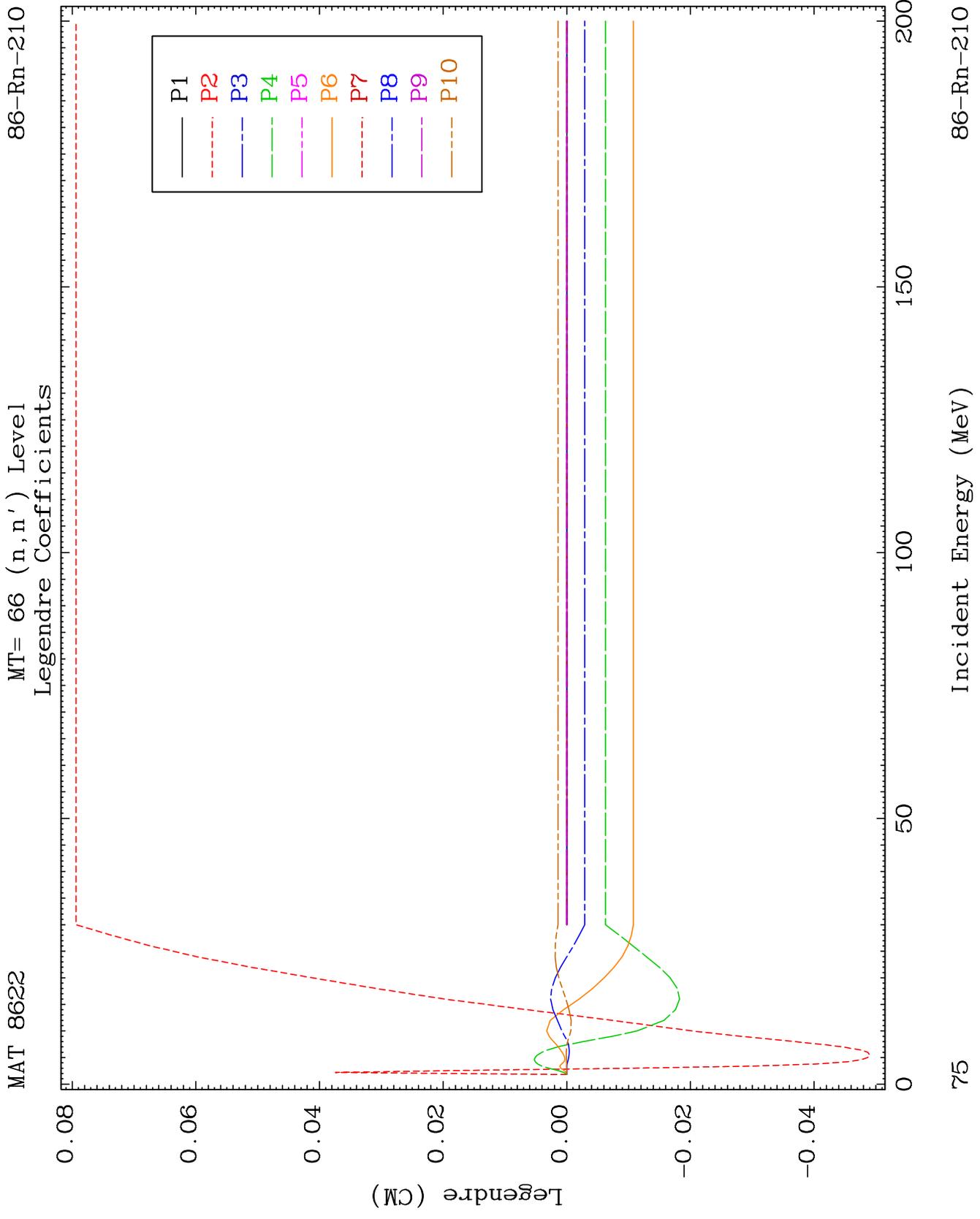
86-Rn-210

MAT 86222

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

86-Rn-210

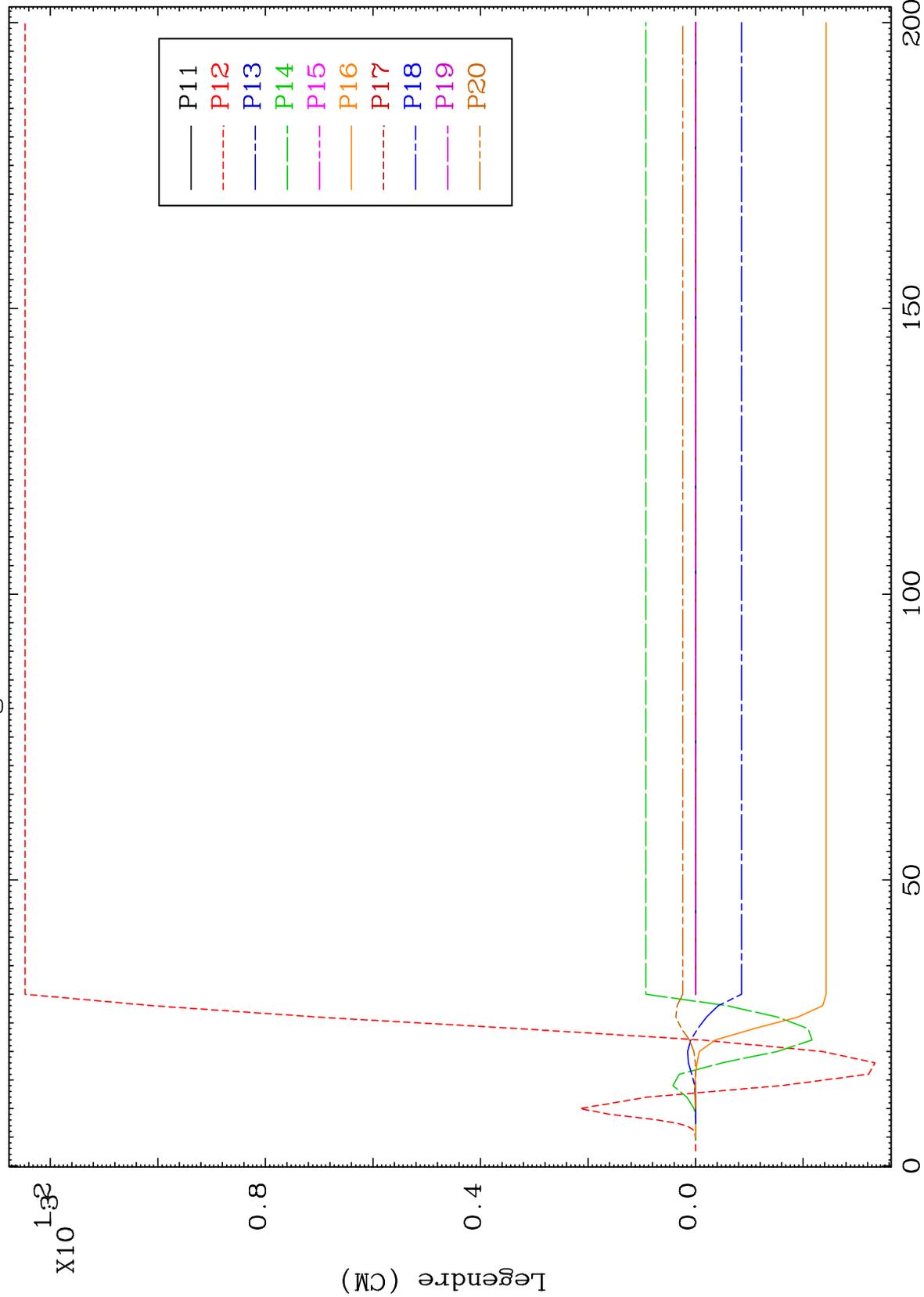




MAT 8622

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

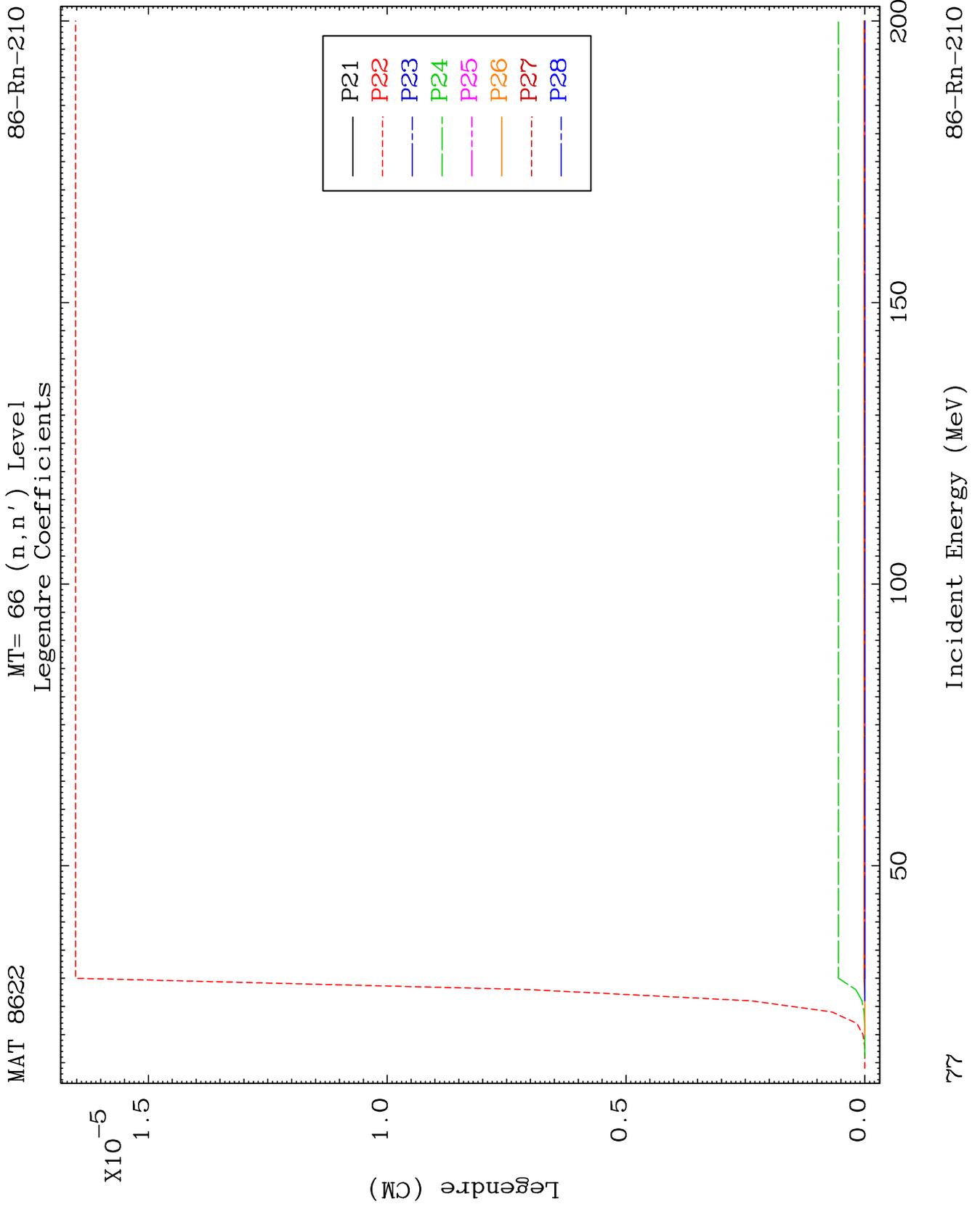
86-Rn-210



76

Incident Energy (MeV)

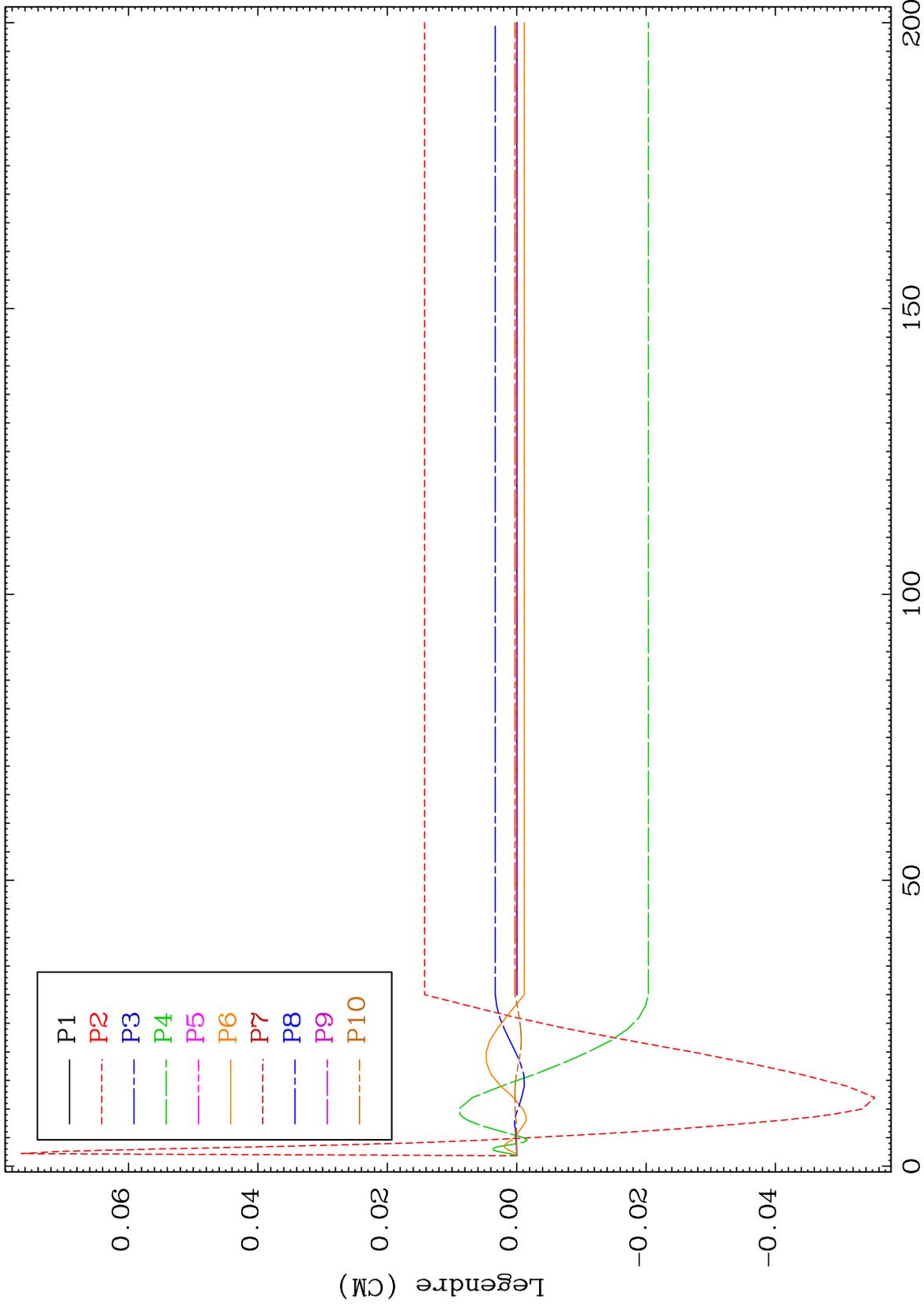
86-Rn-210



MAT 86222

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

86-Rn-210



78

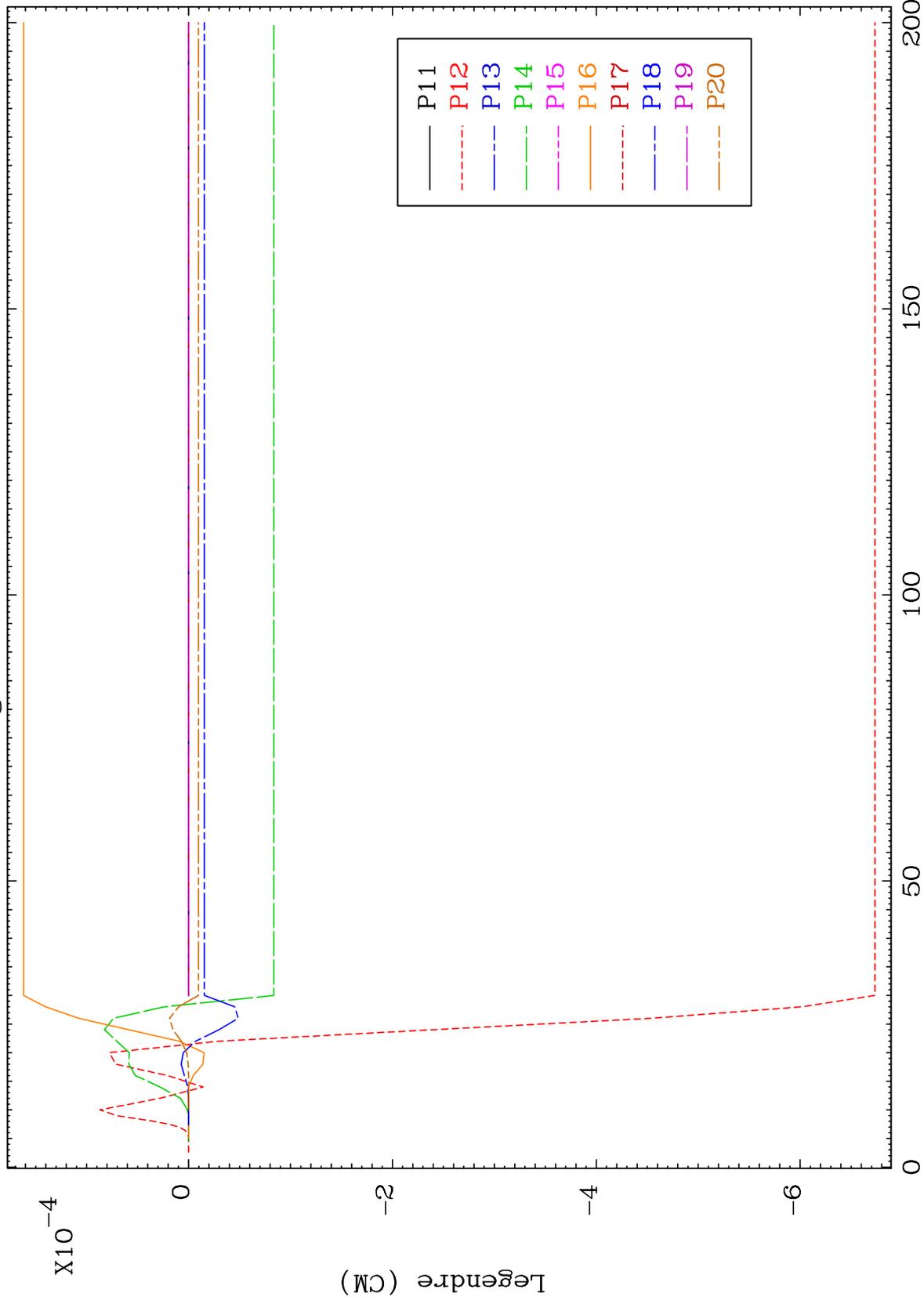
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

86-Rn-210



79

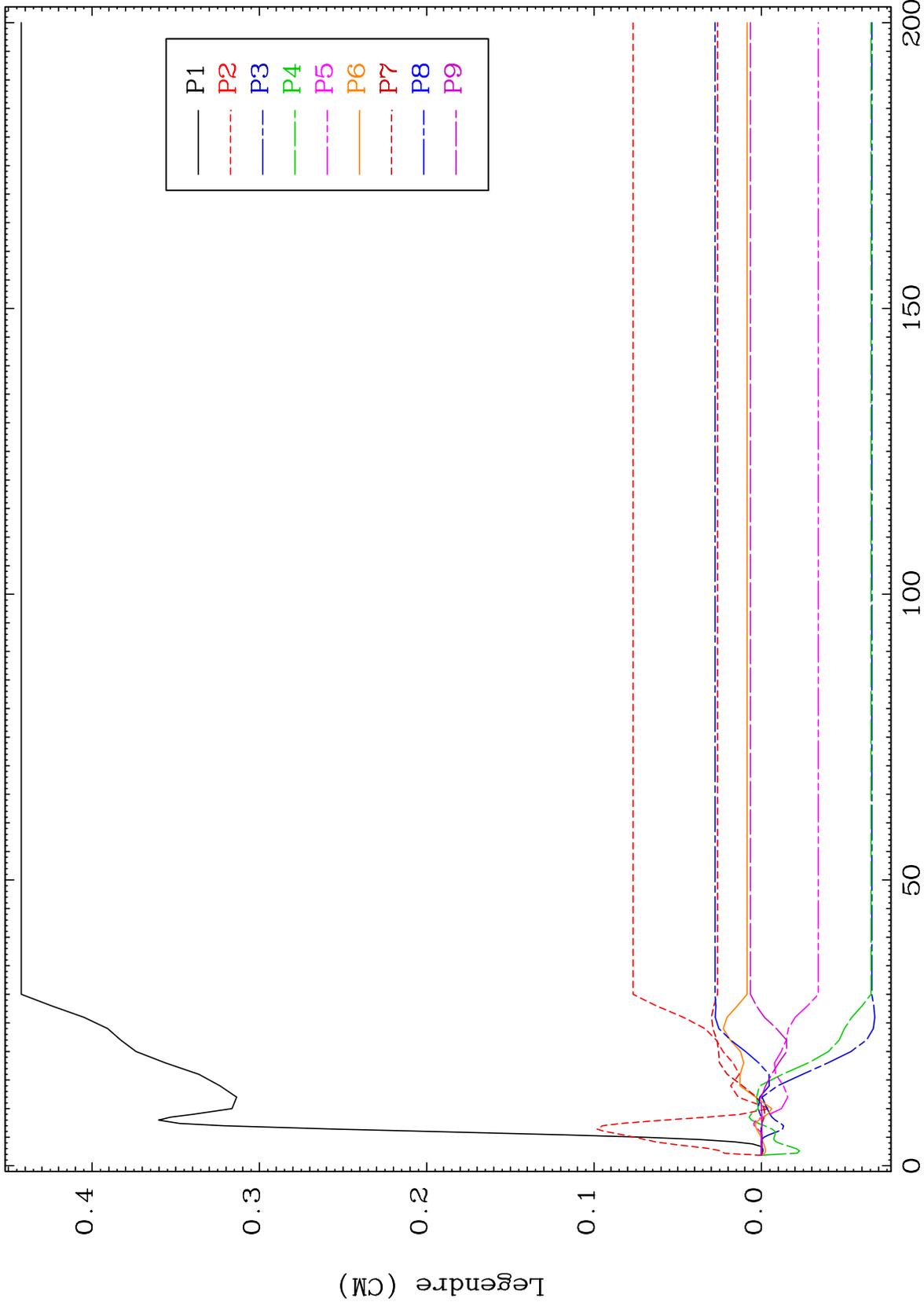
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

86-Rn-210



81

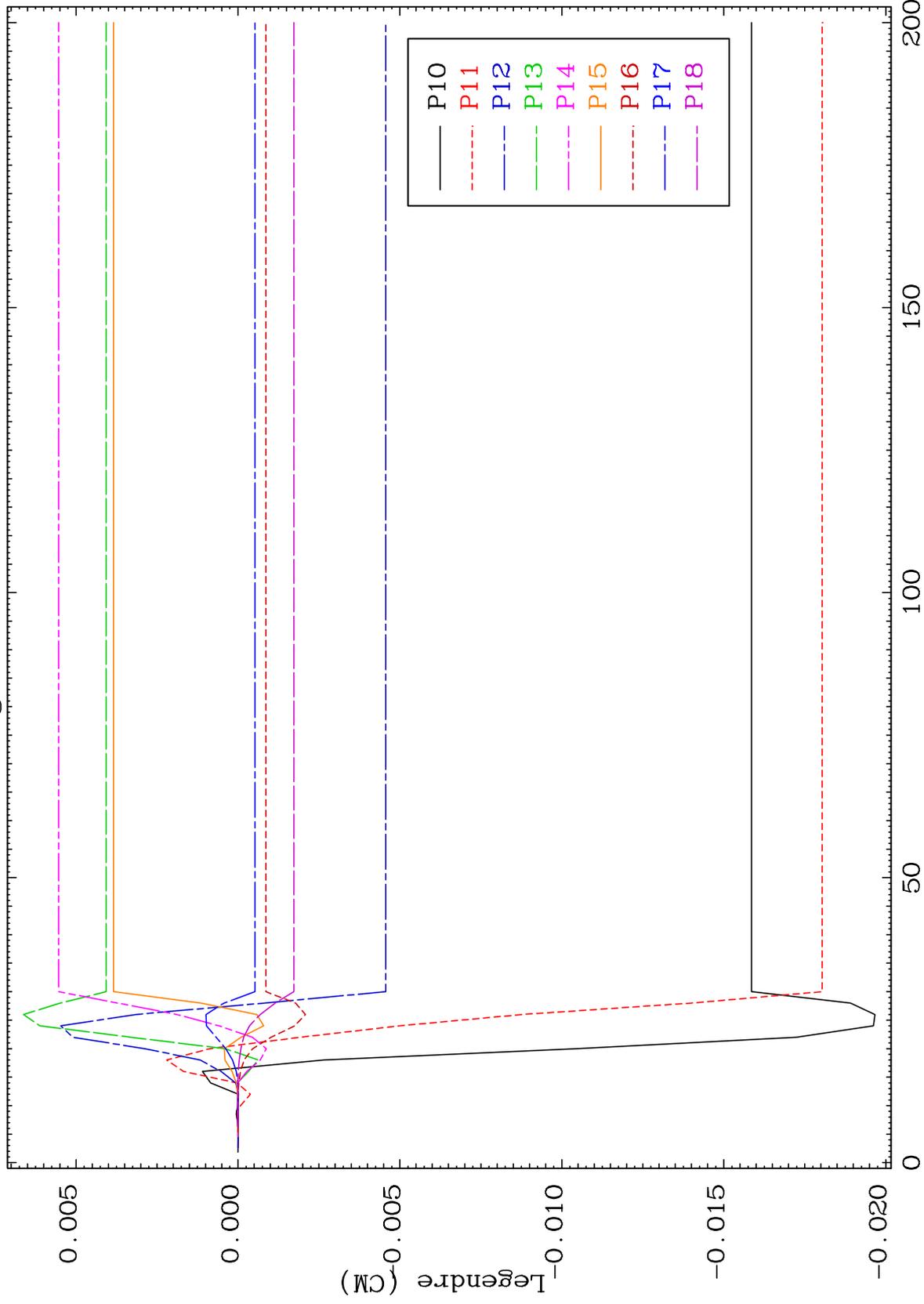
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



82

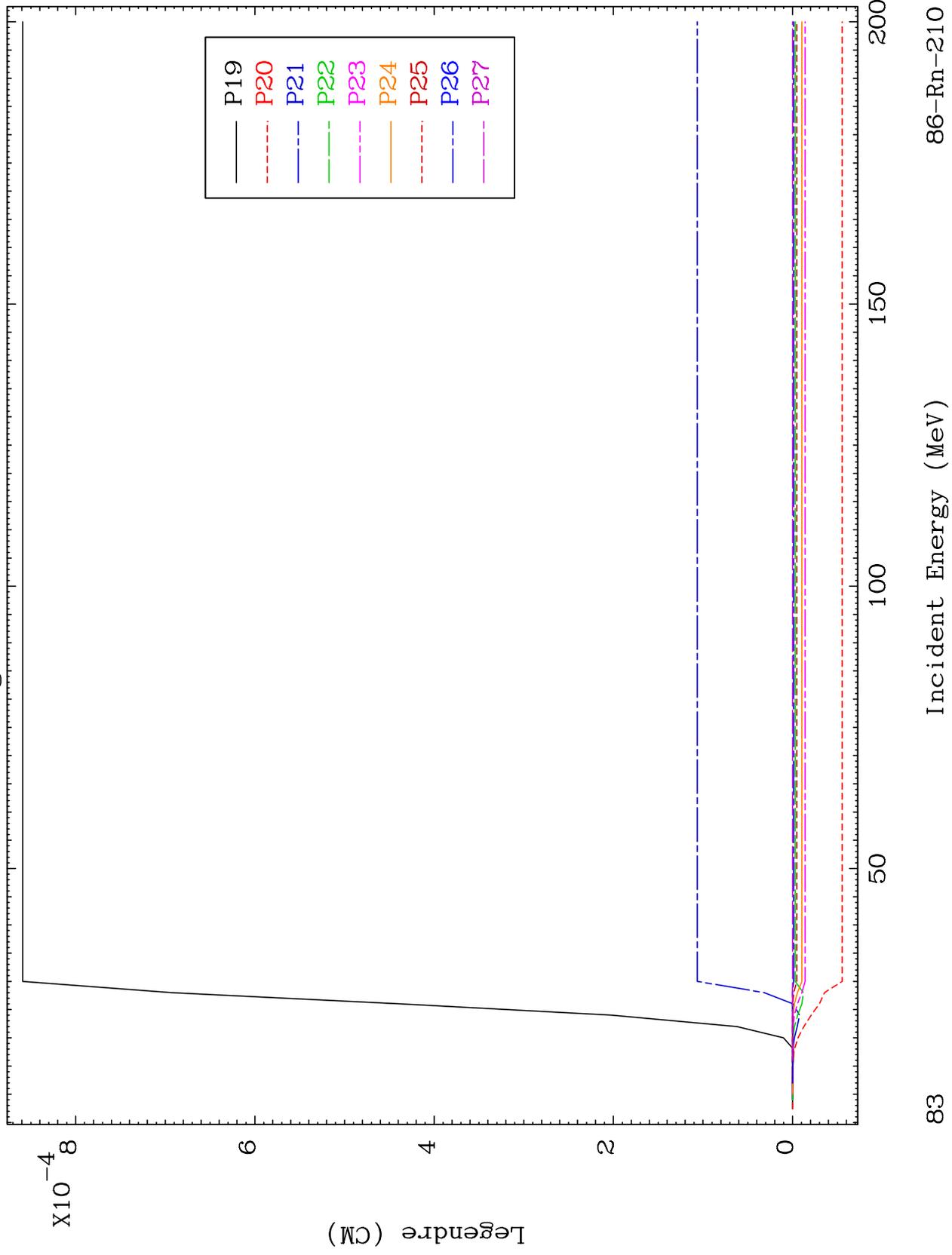
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

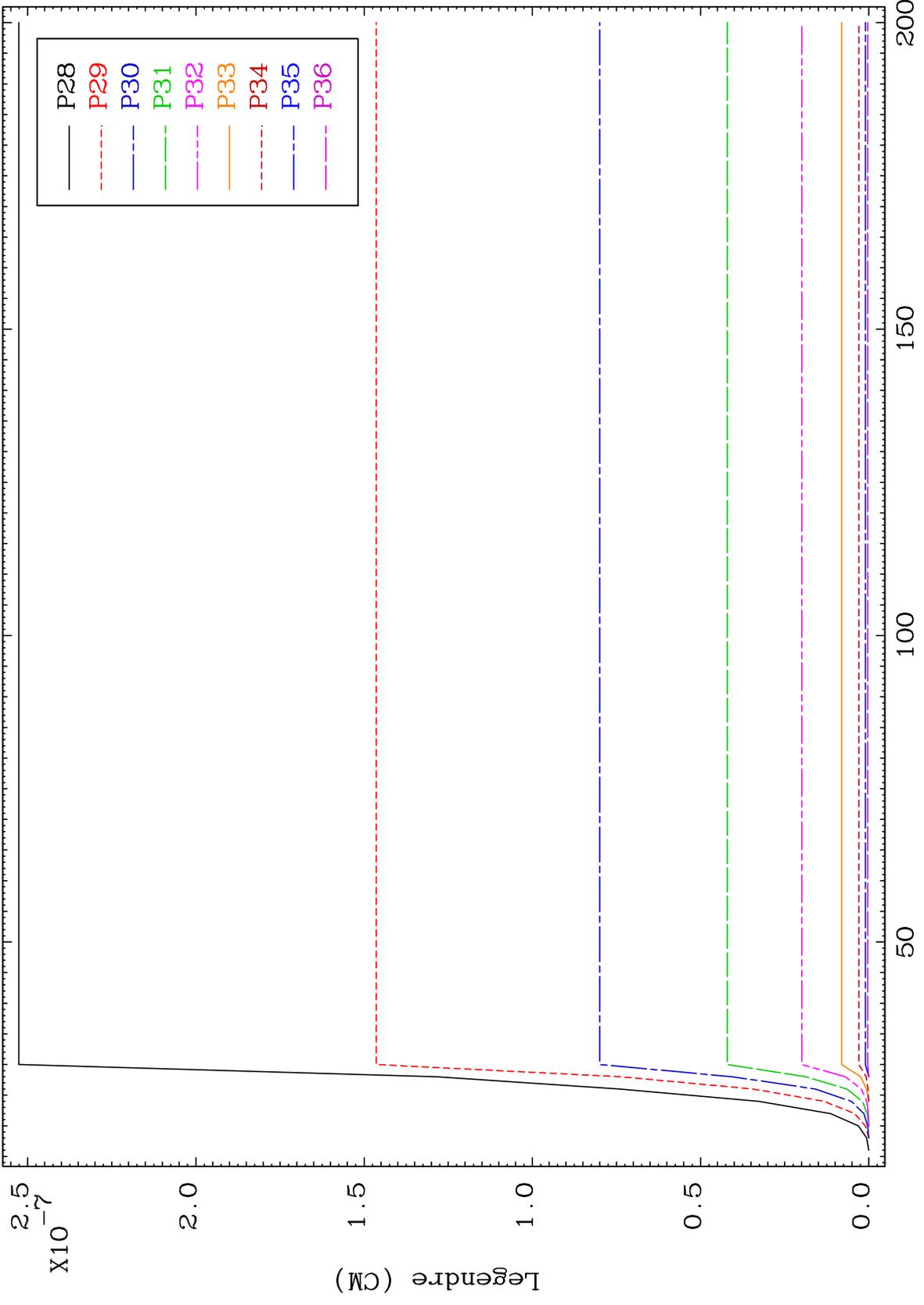
86-Rn-210



MAT 86222

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

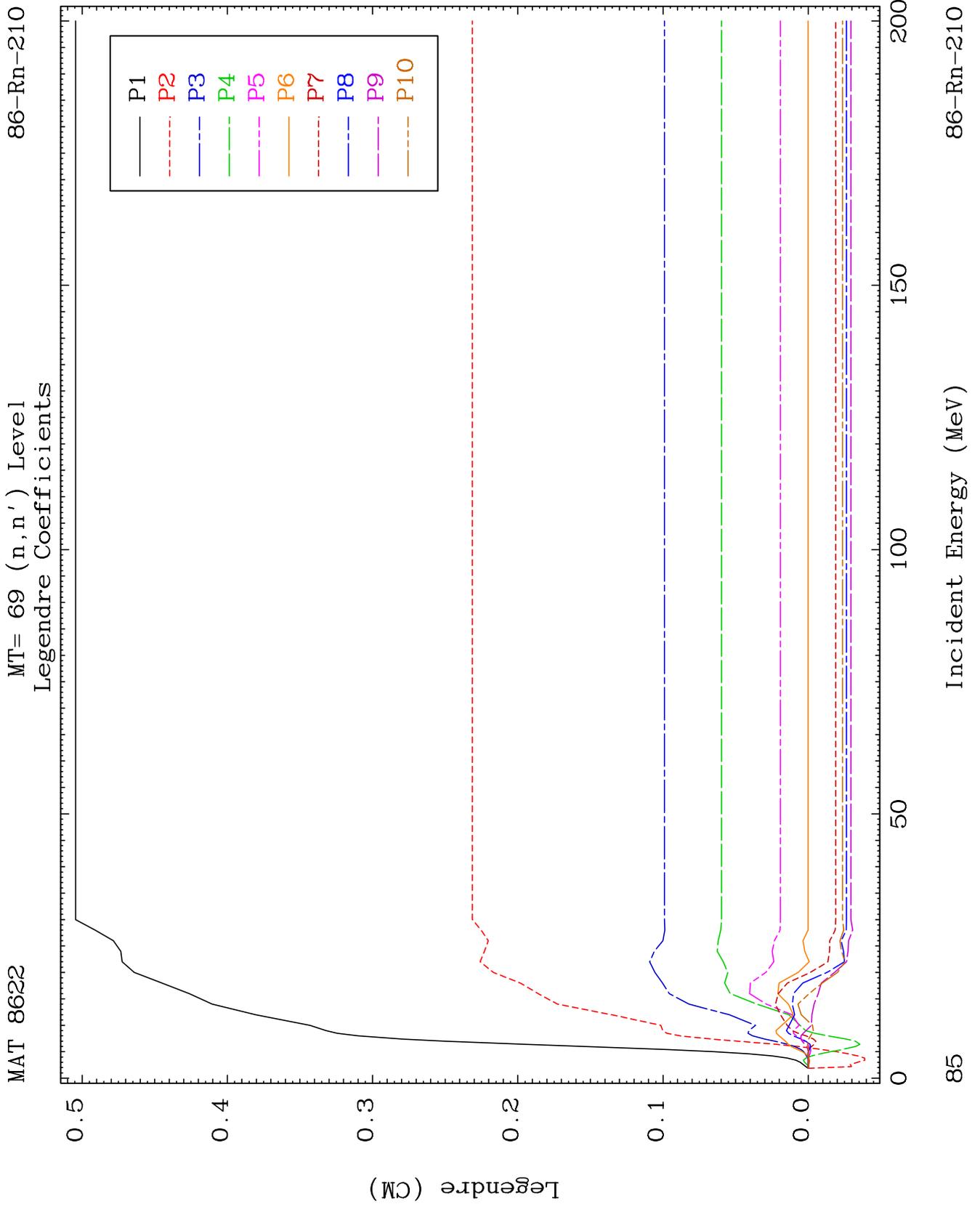
86-Rn-210



84

Incident Energy (MeV)

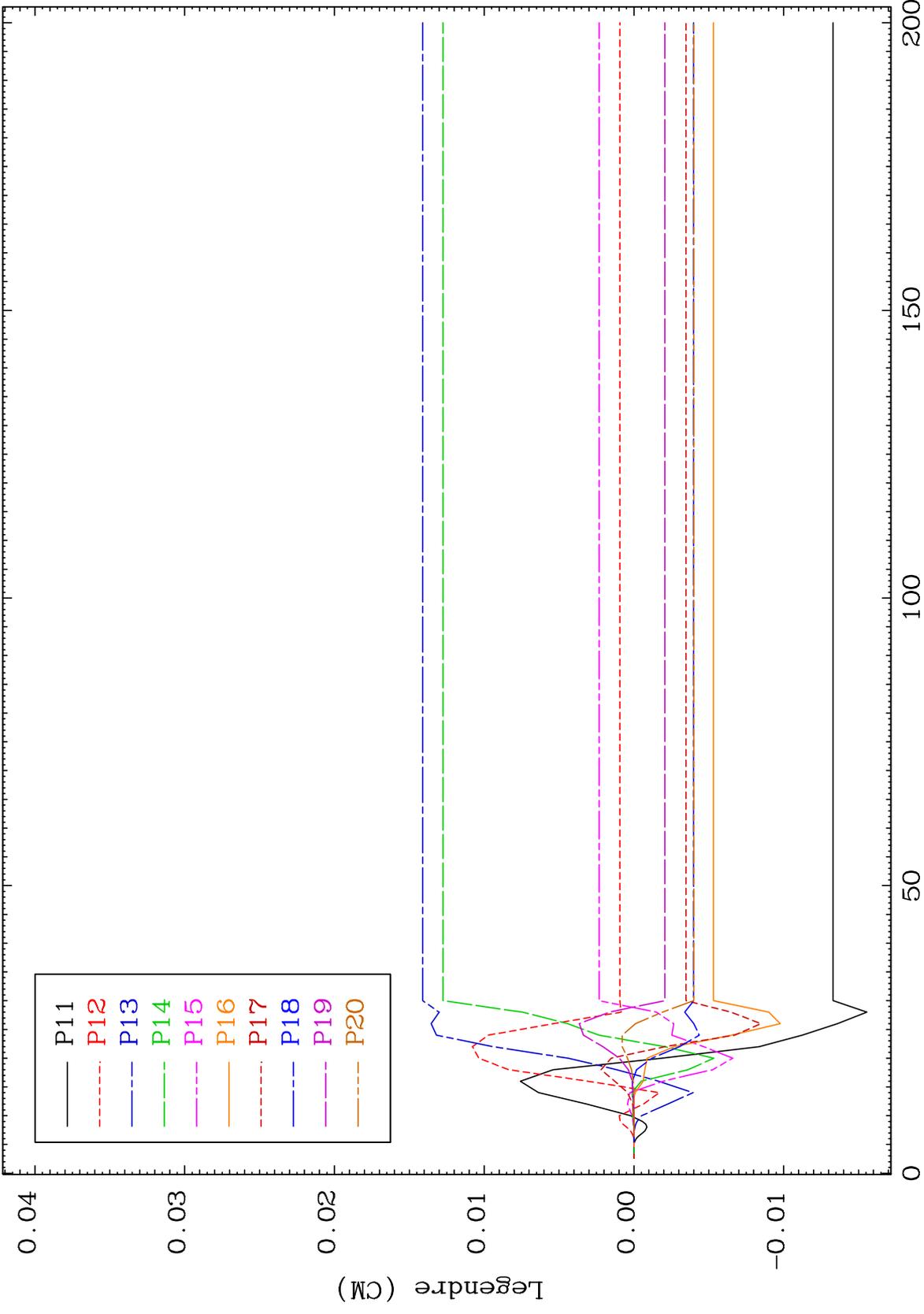
86-Rn-210



MAT 86222

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

86-Rn-210



86

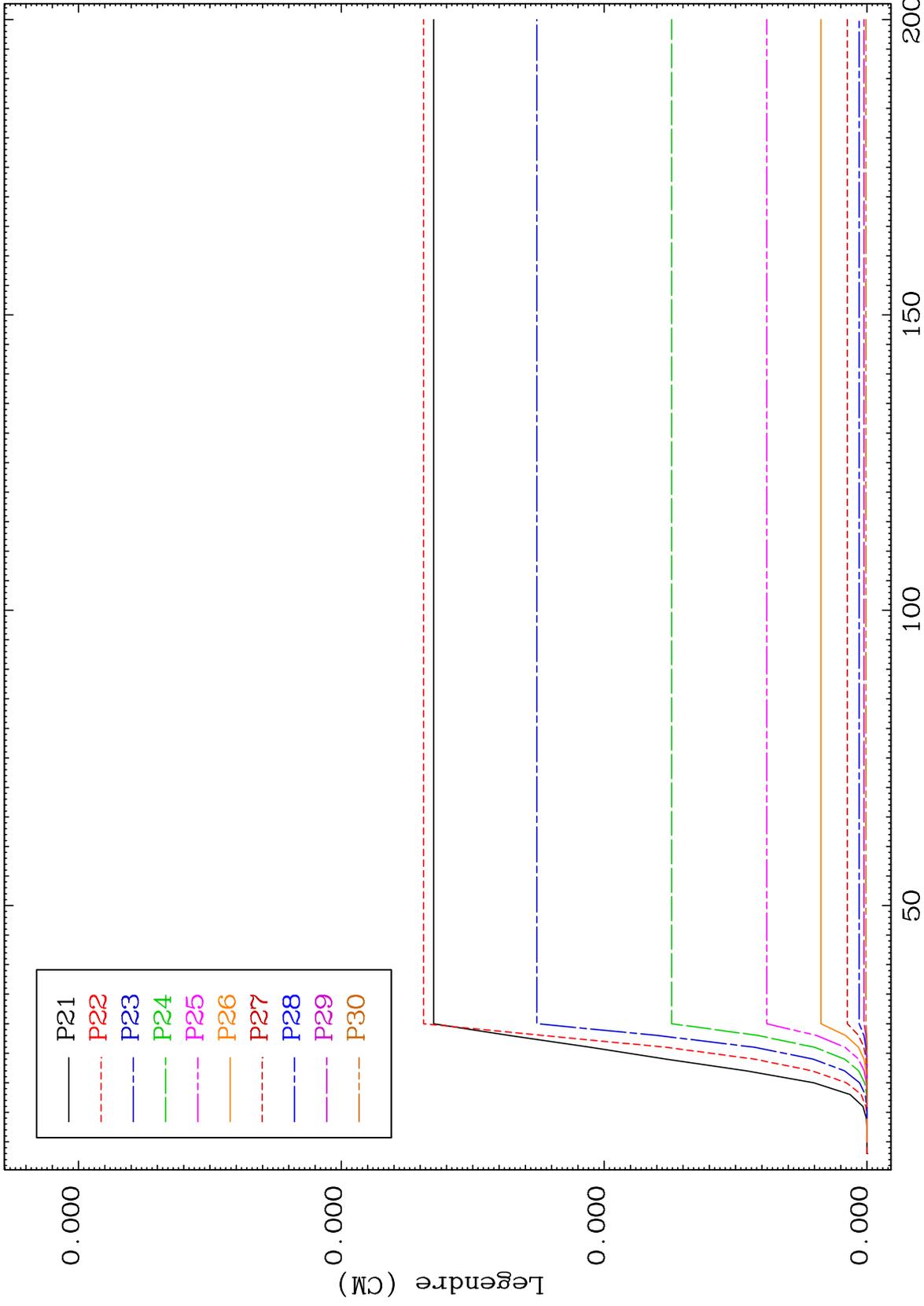
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



87

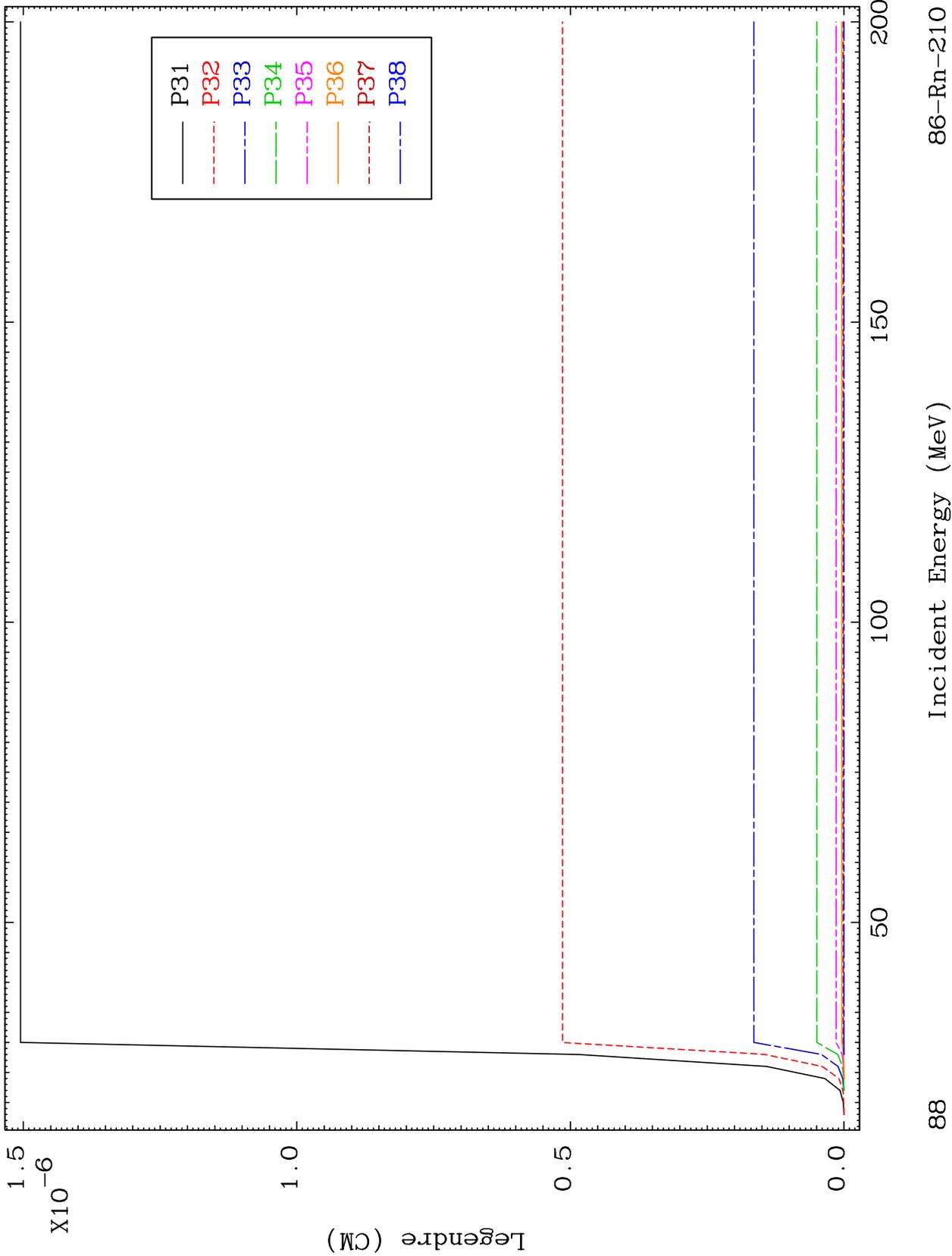
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



88

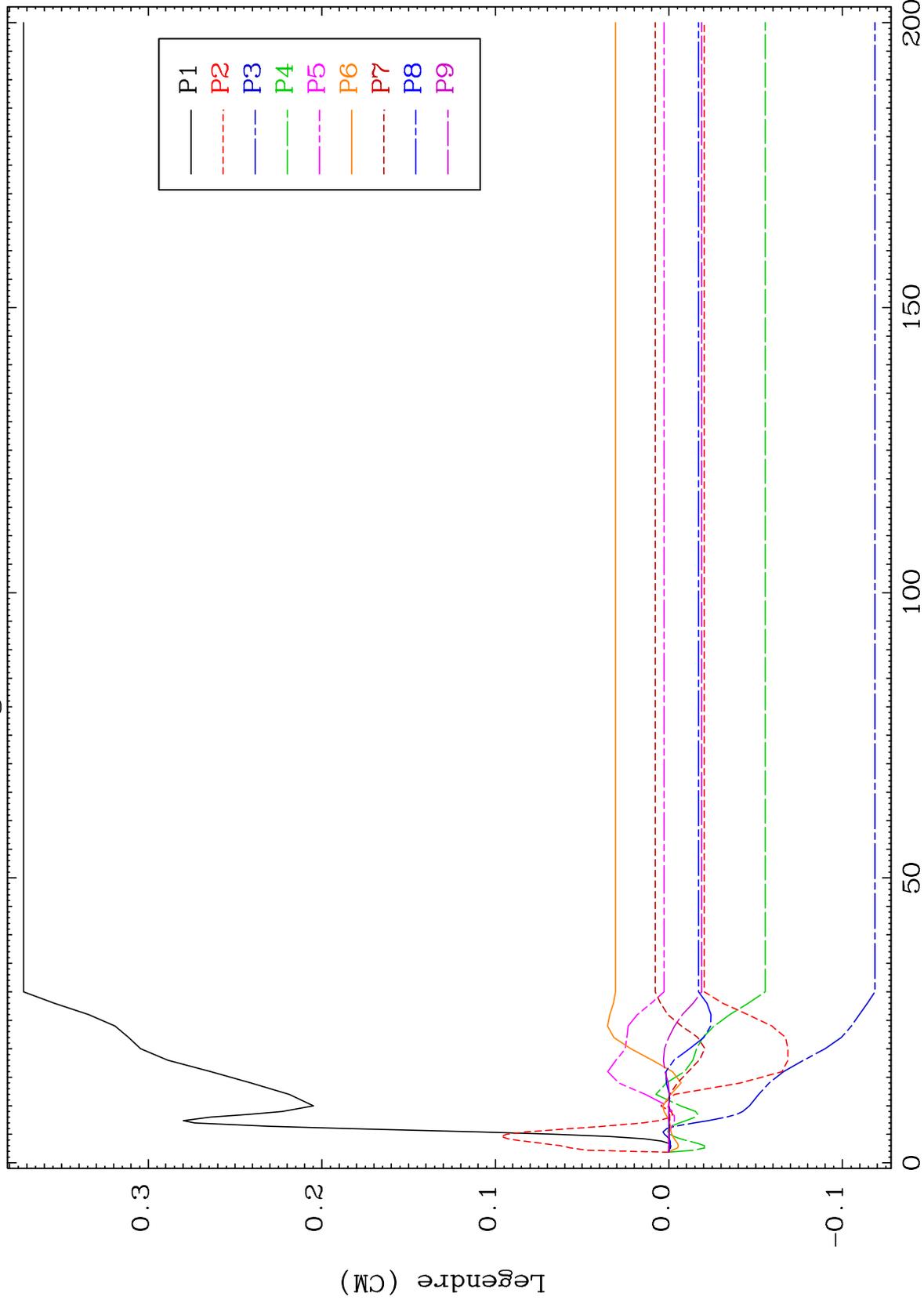
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



89

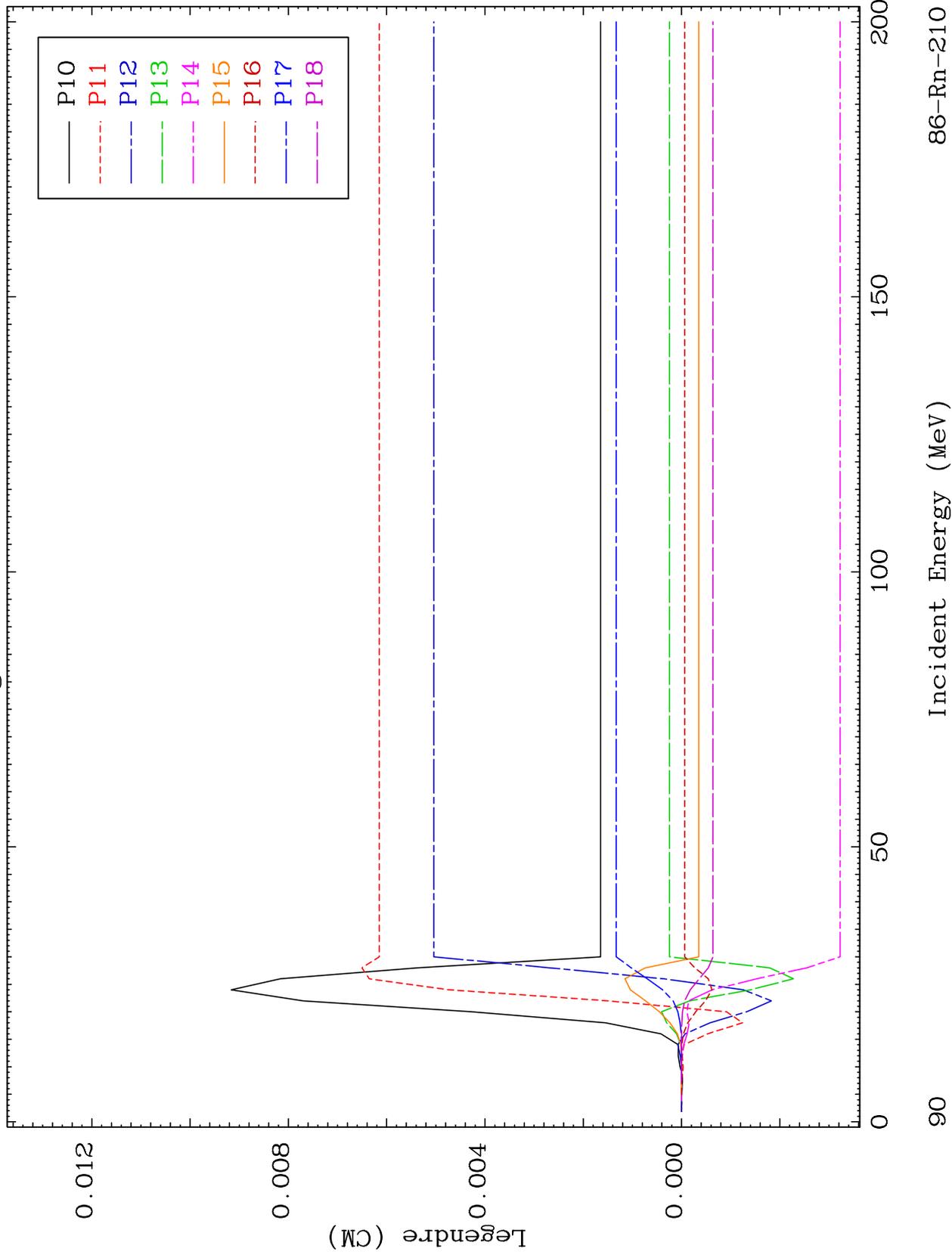
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

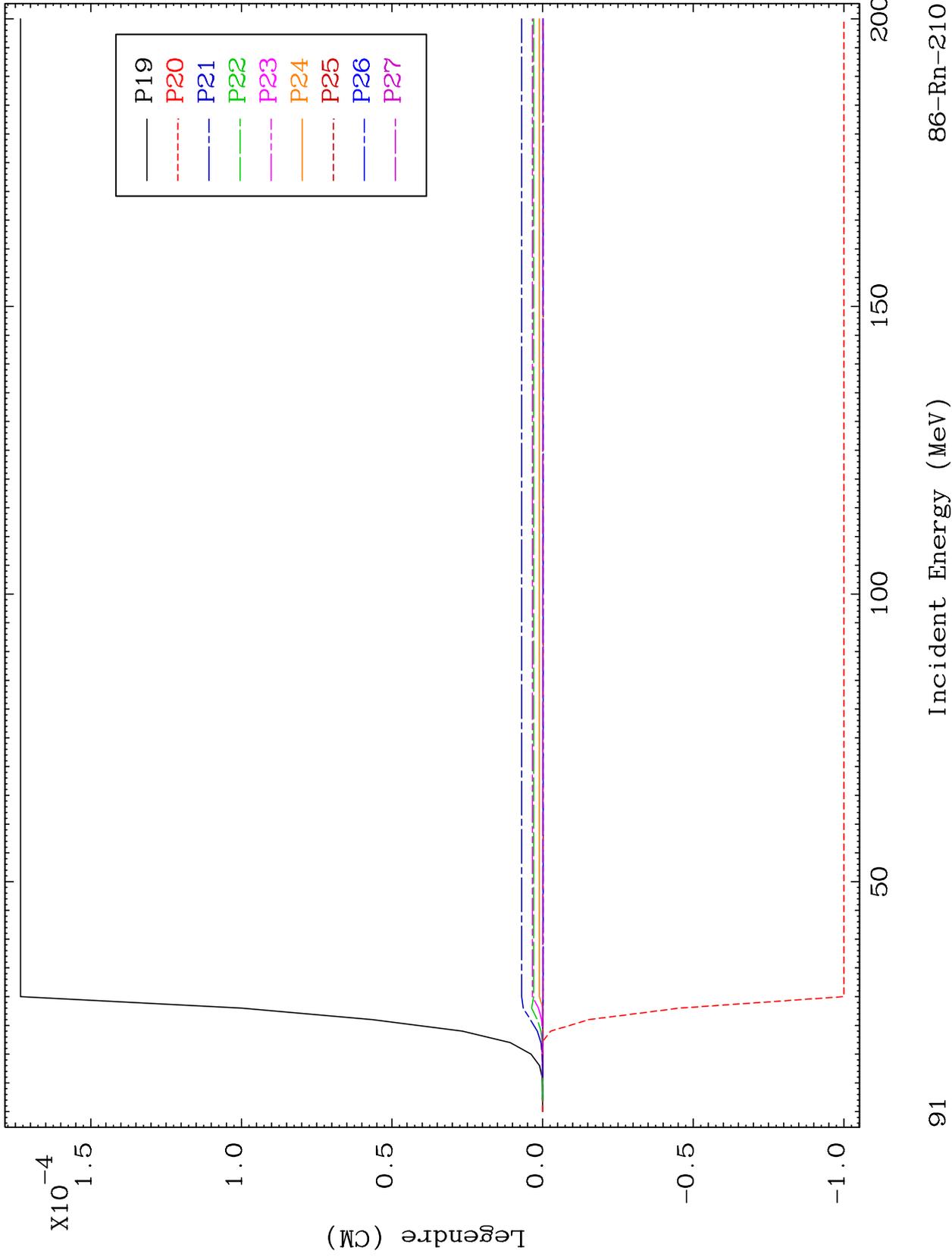
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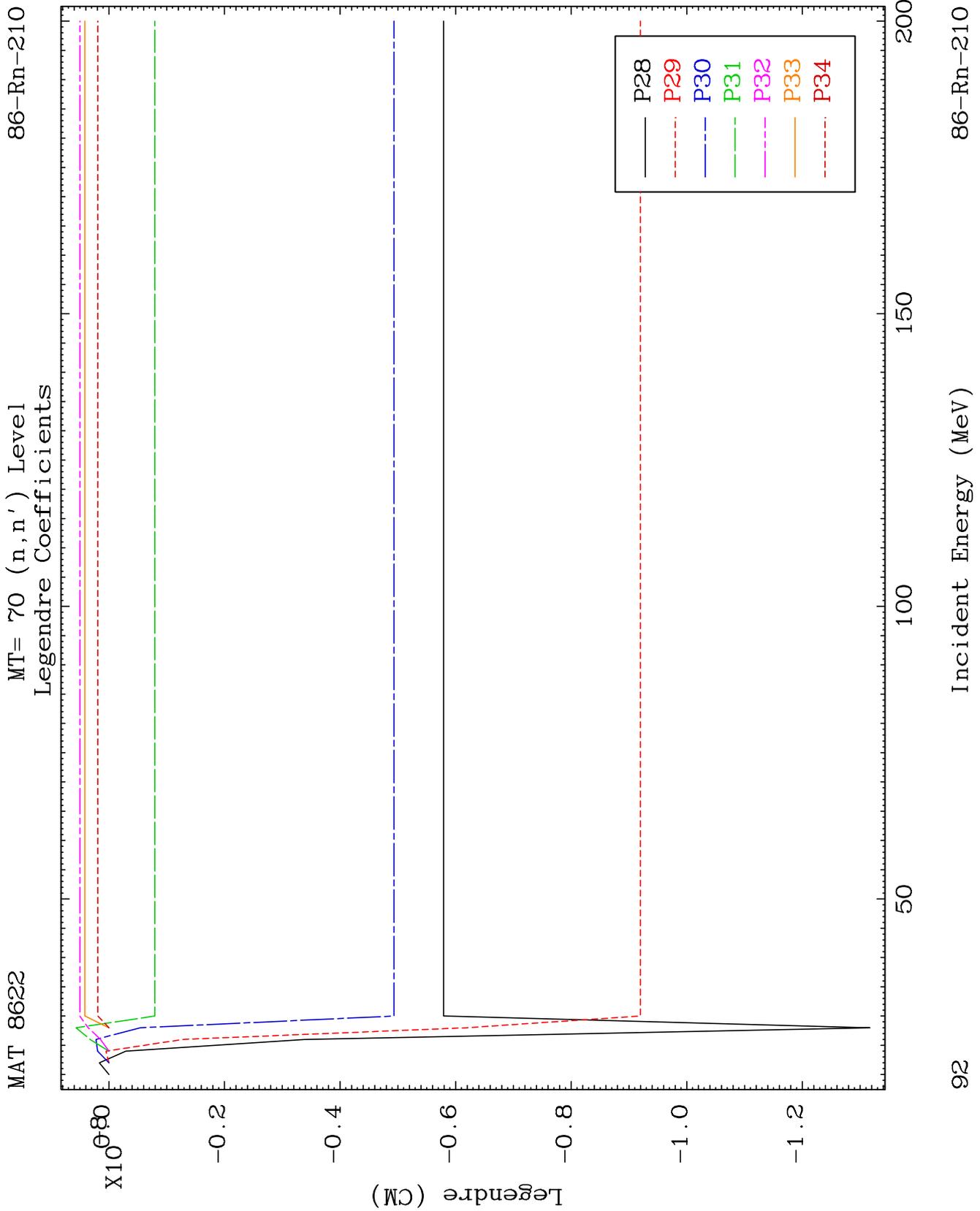


MAT 8622

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

86-Rn-210

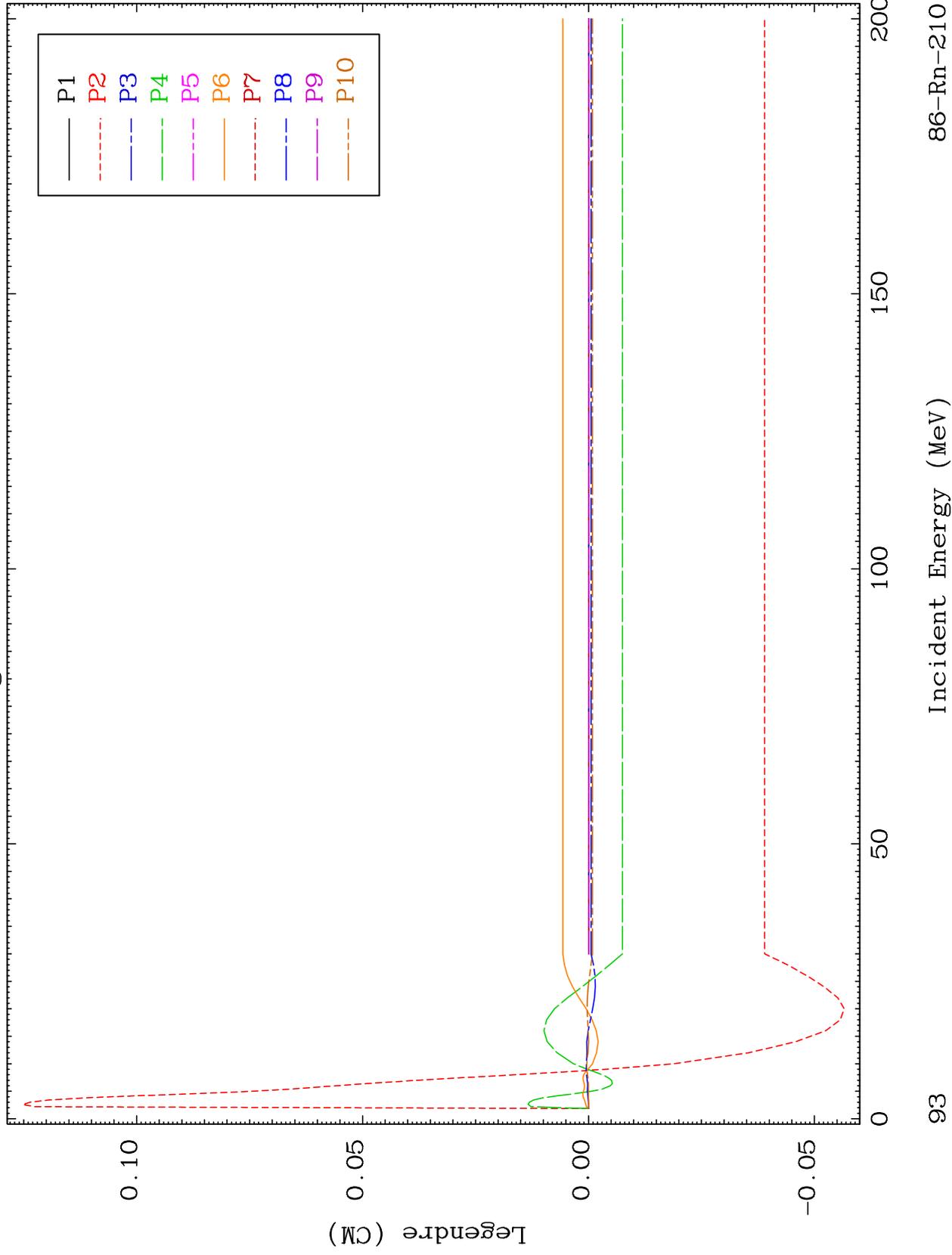




MAT 86222

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

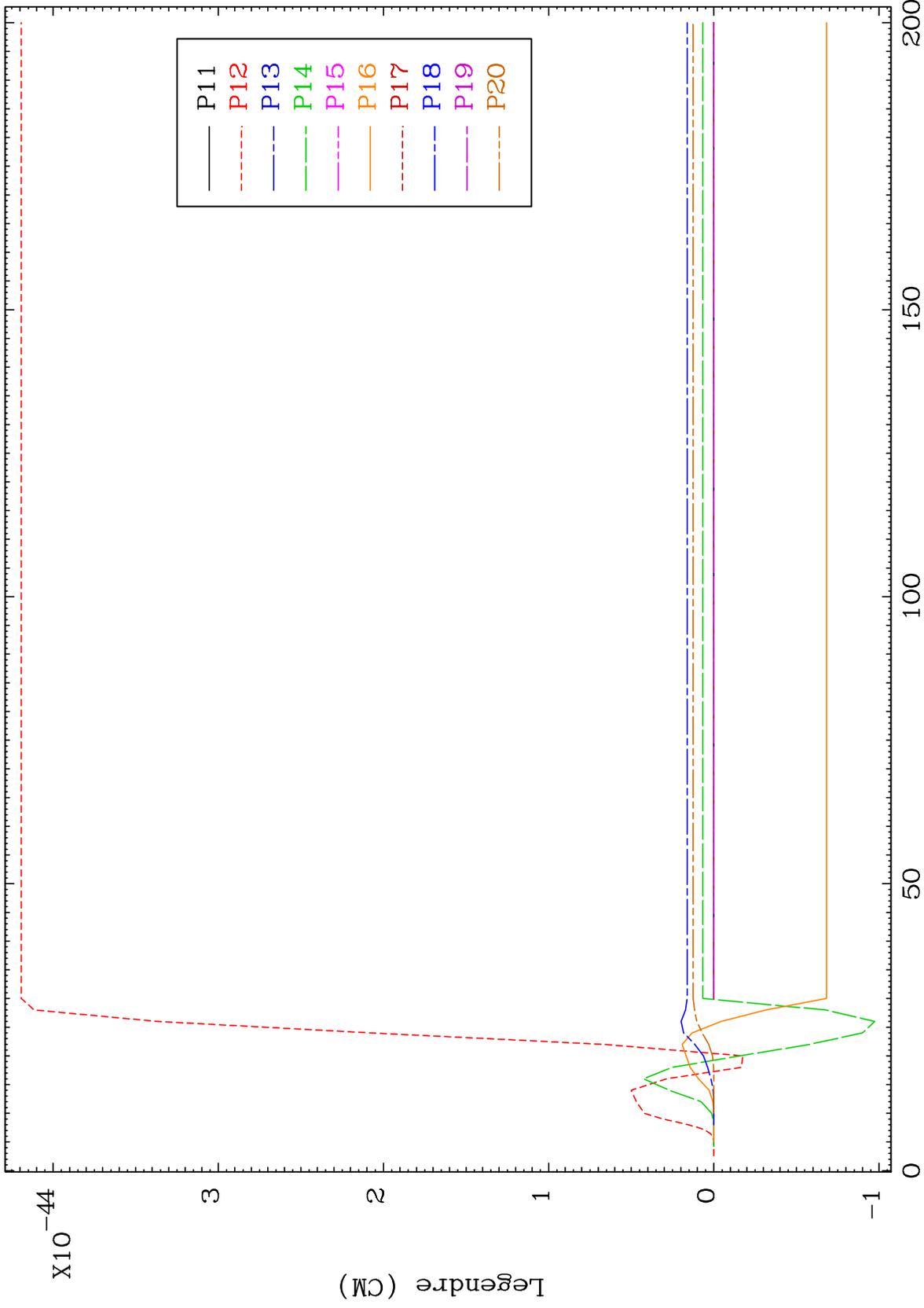
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MAT 8622

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

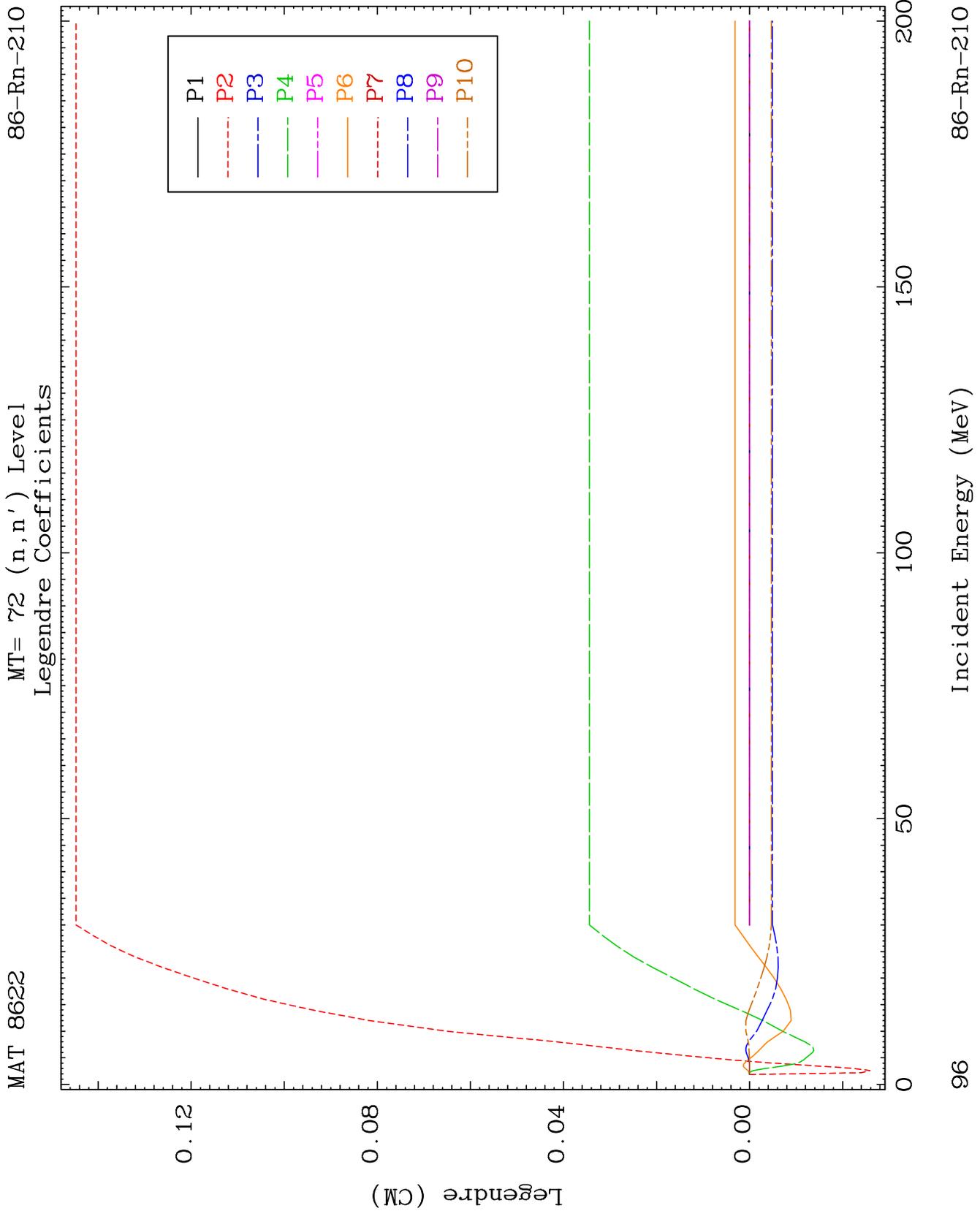
86-Rn-210



94

Incident Energy (MeV)

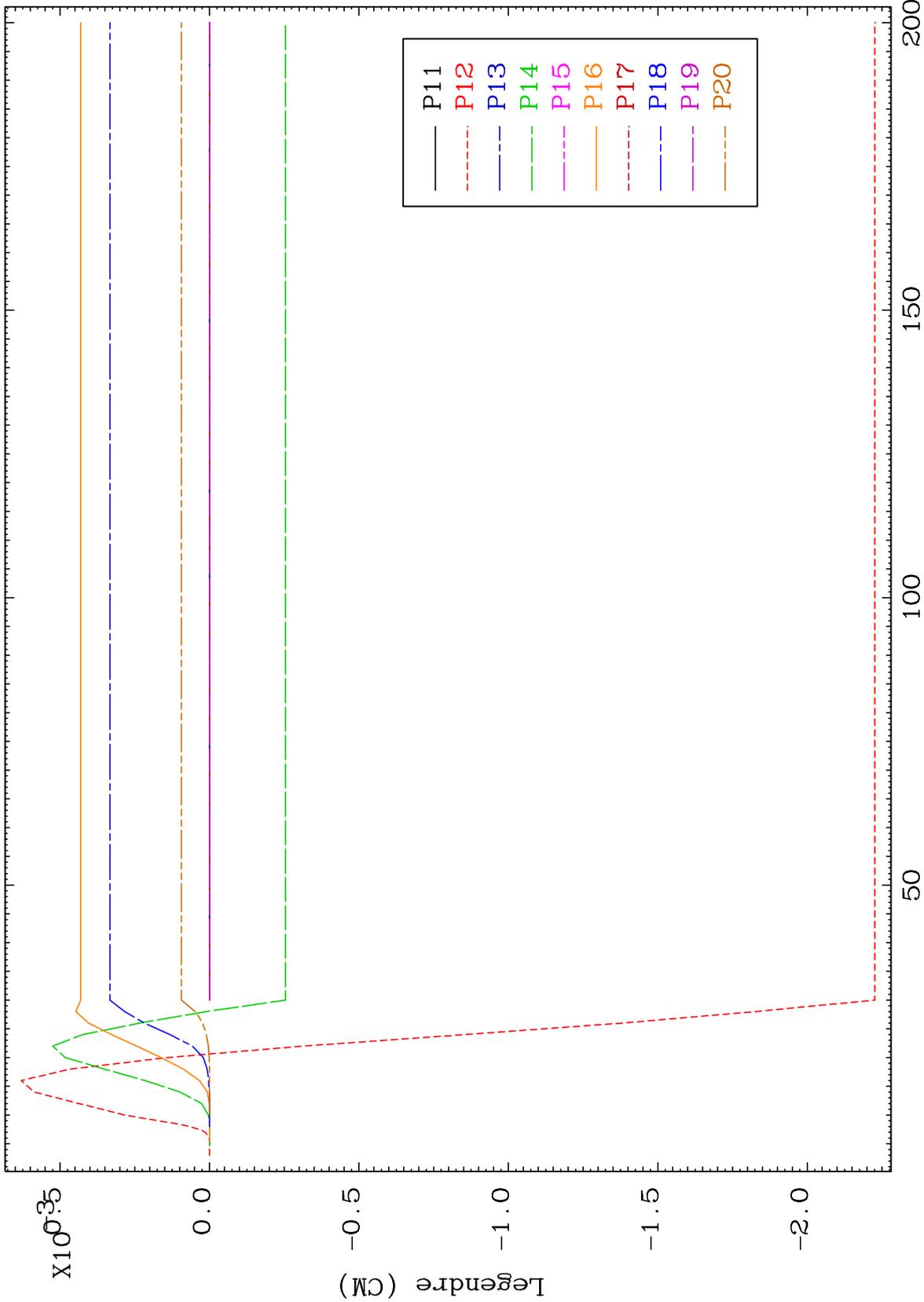
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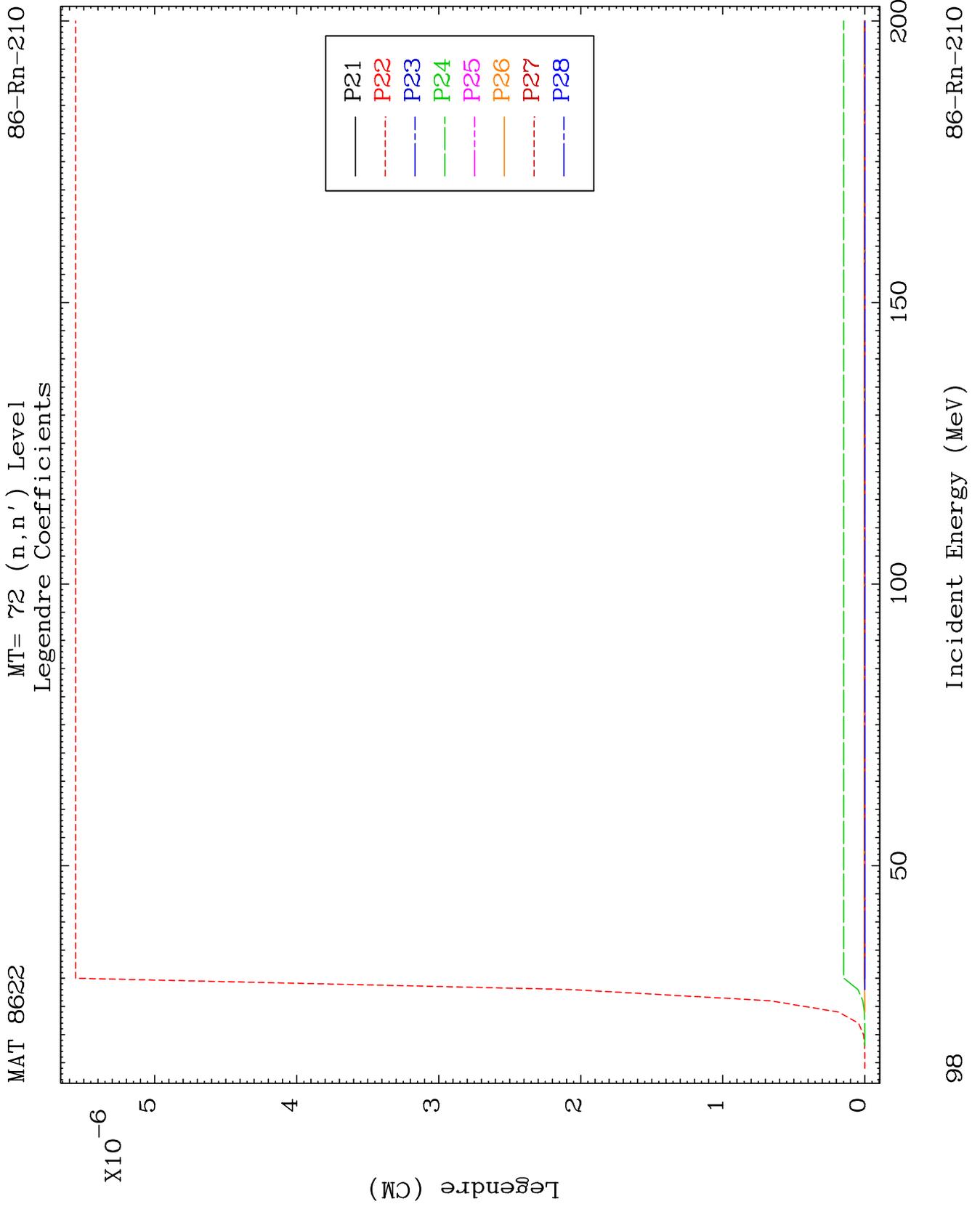


MAT 8622

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

86-Rn-210

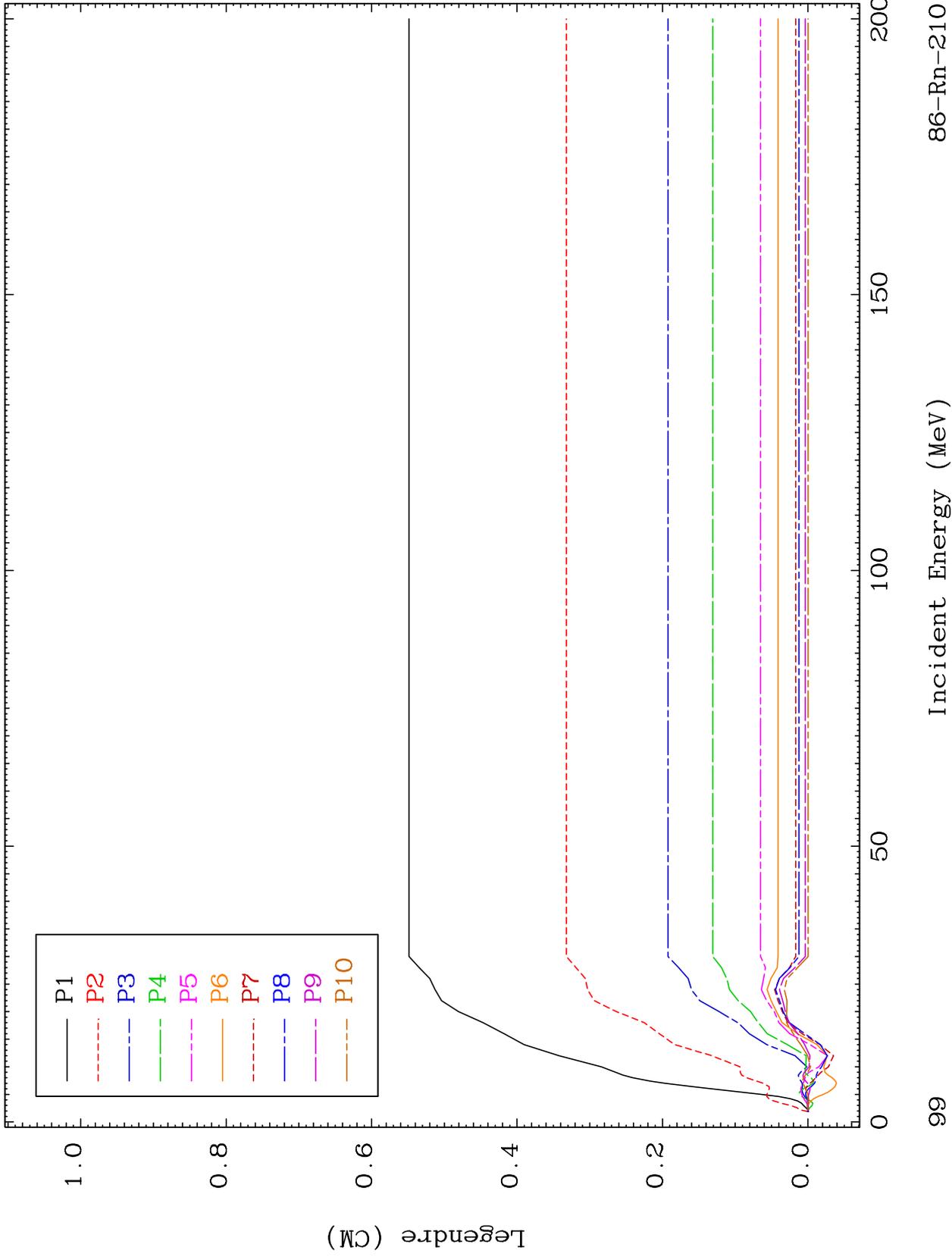




MAT 86222

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

86-Rn-210



99

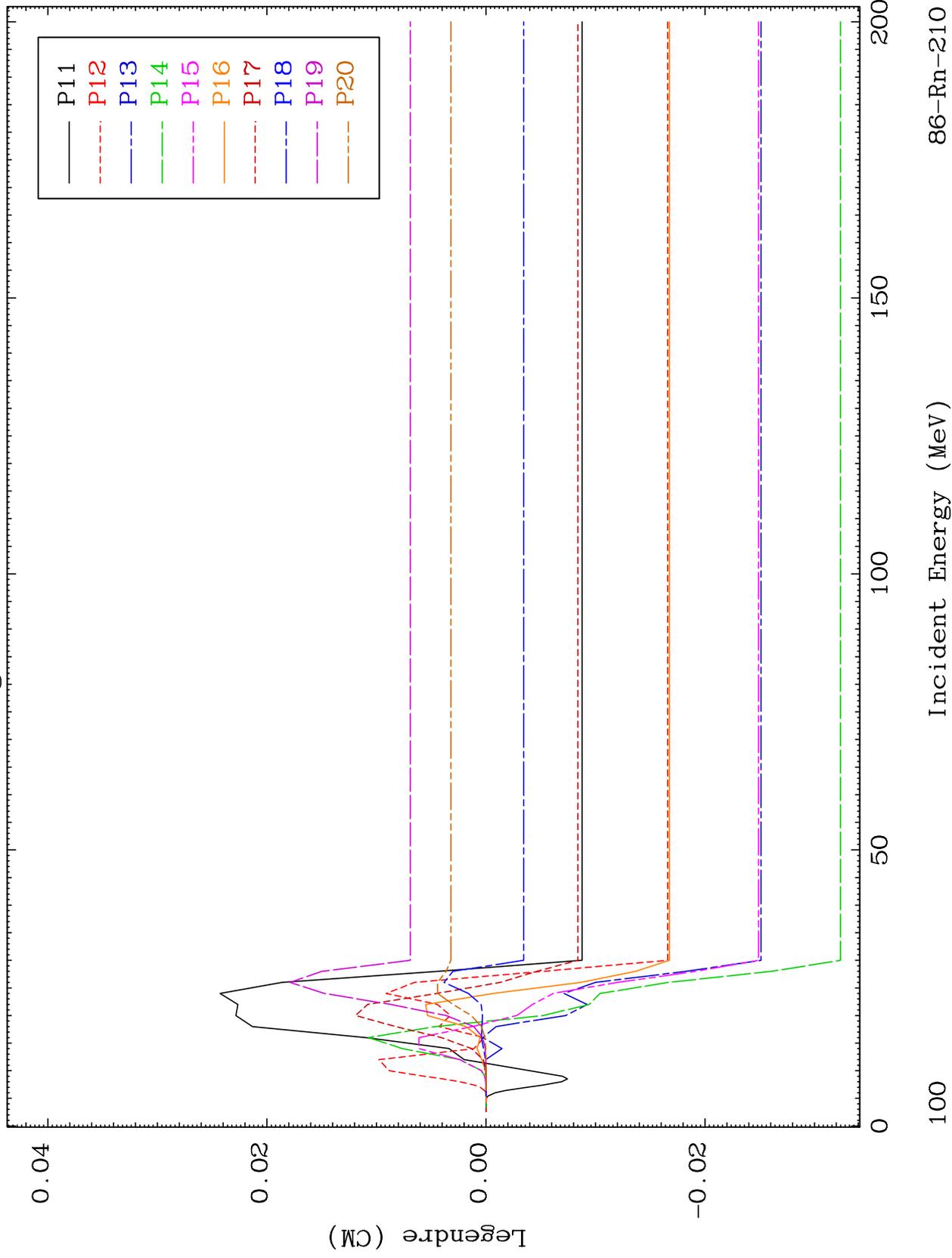
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

86-Rn-210



86-Rn-210

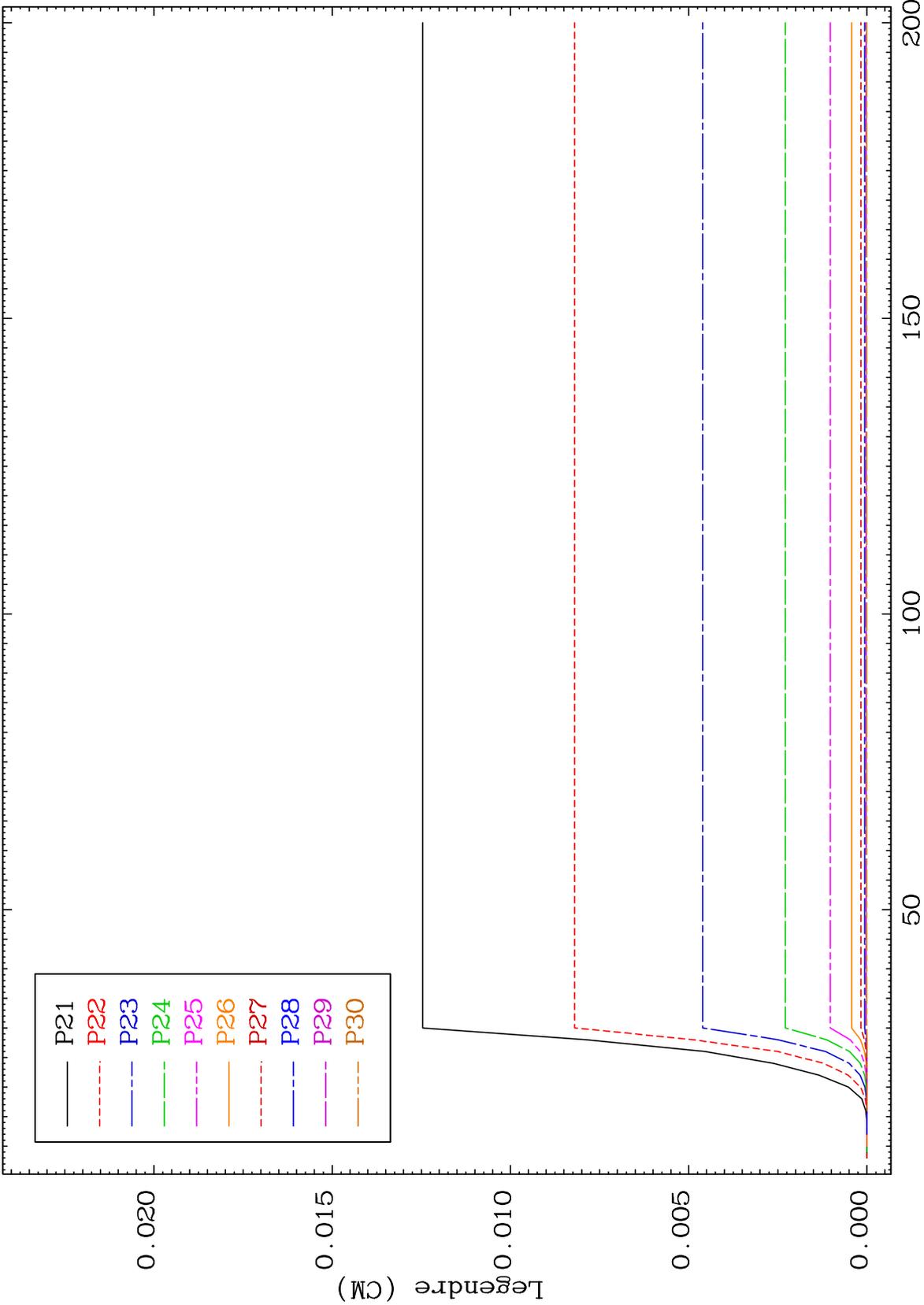
Incident Energy (MeV)

100

MAT 8622

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

86-Rn-210



101

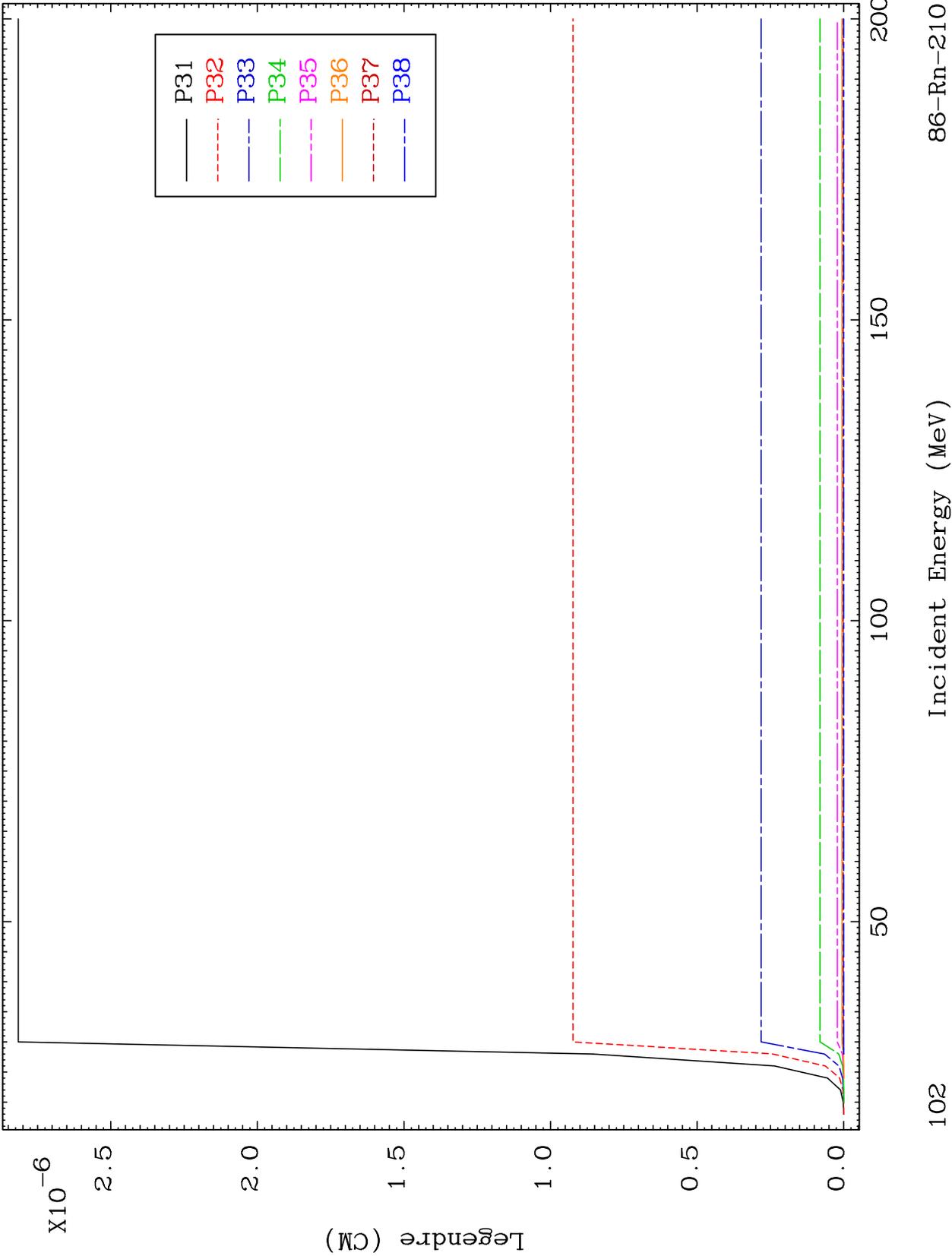
Incident Energy (MeV)

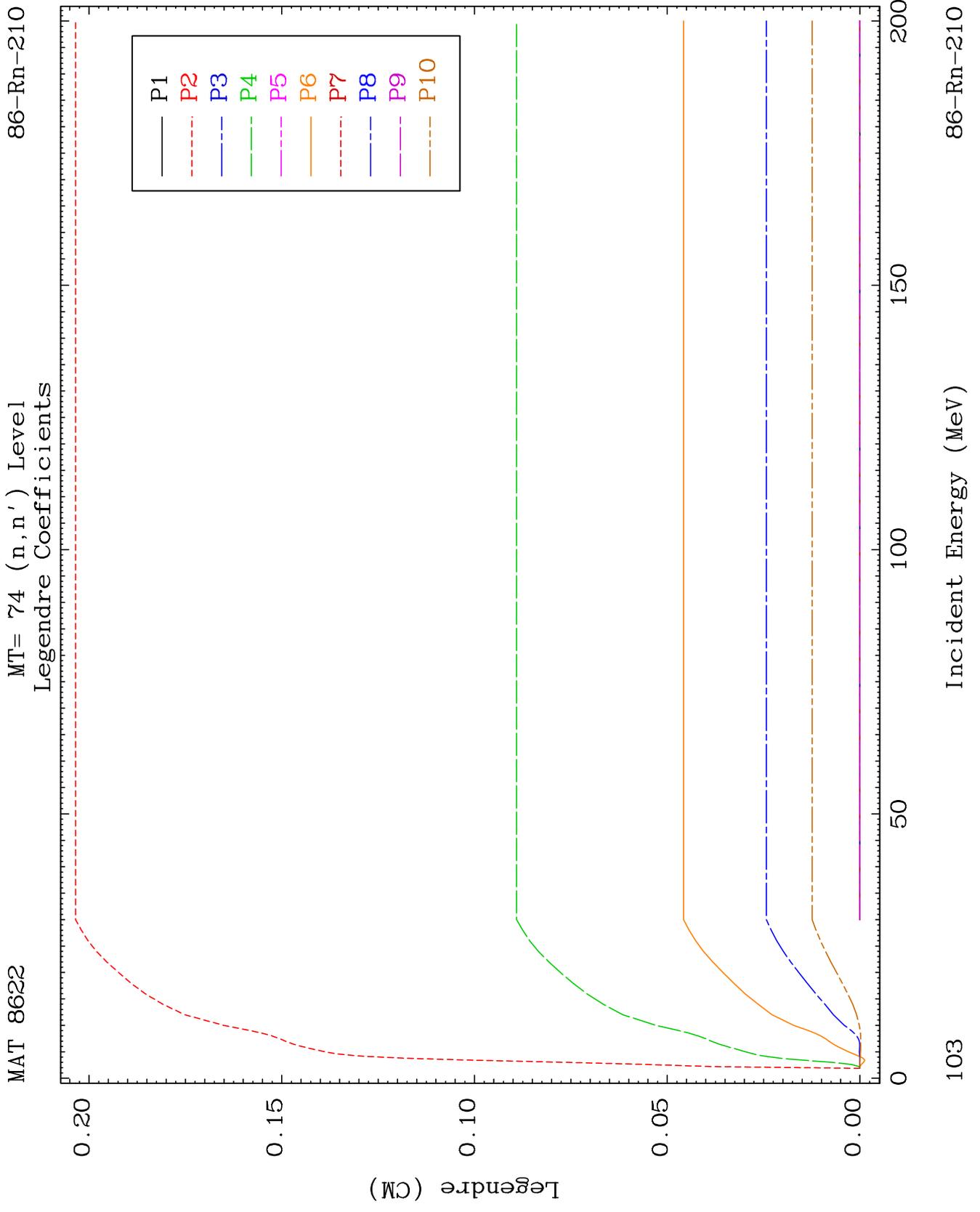
86-Rn-210

MAT 86222

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

86-Rn-210

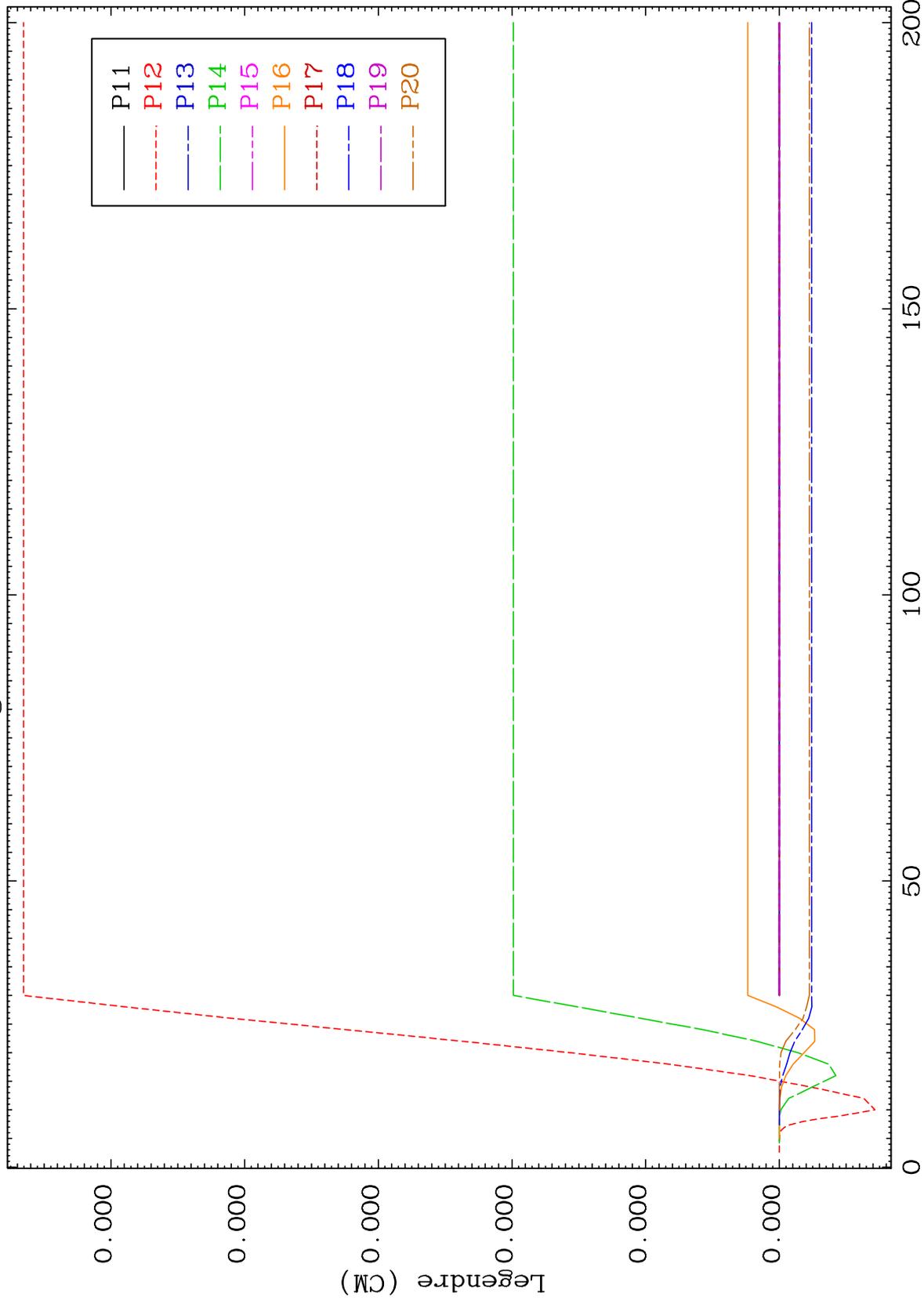




MAT 86222

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

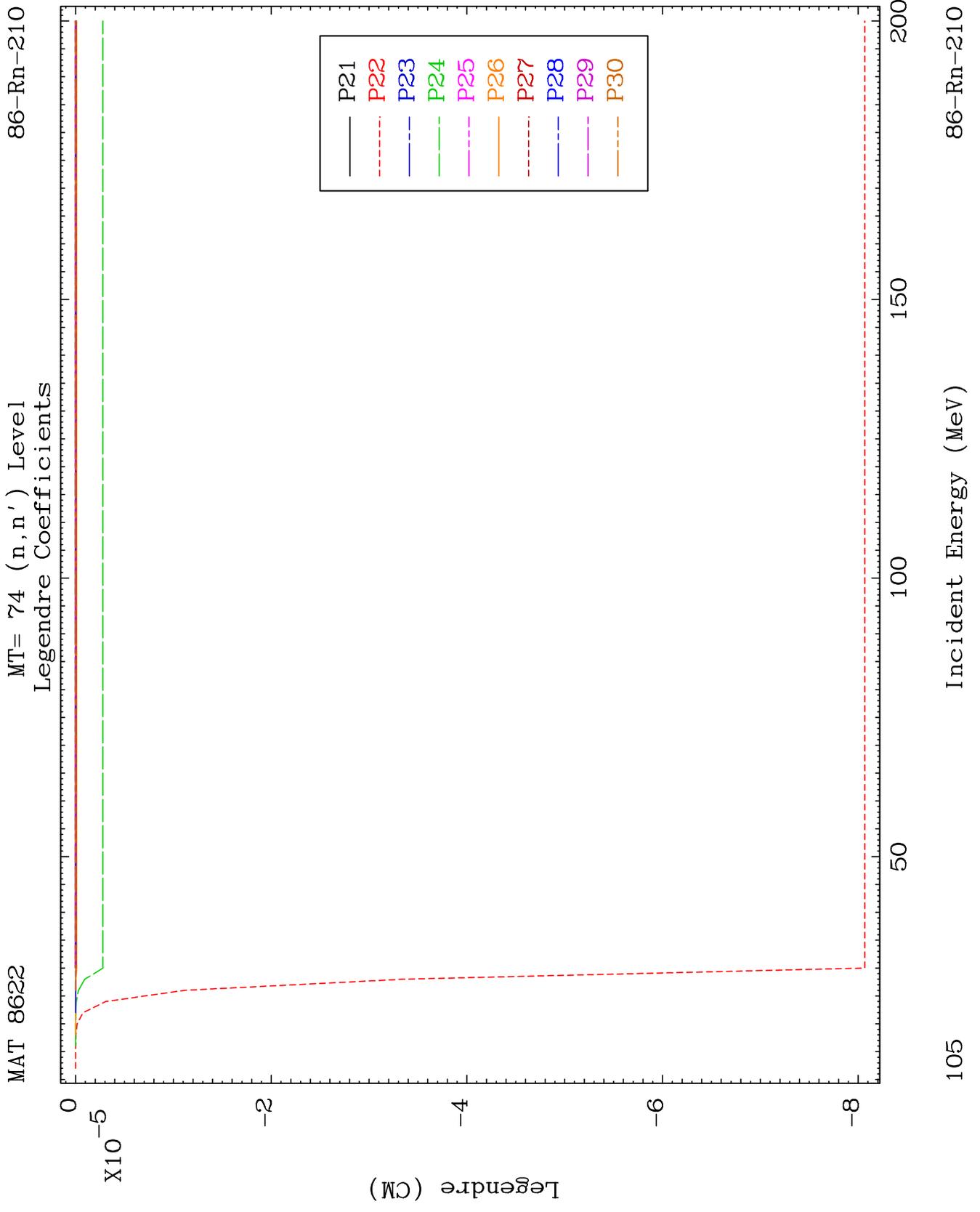
86-Rn-210



104

Incident Energy (MeV)

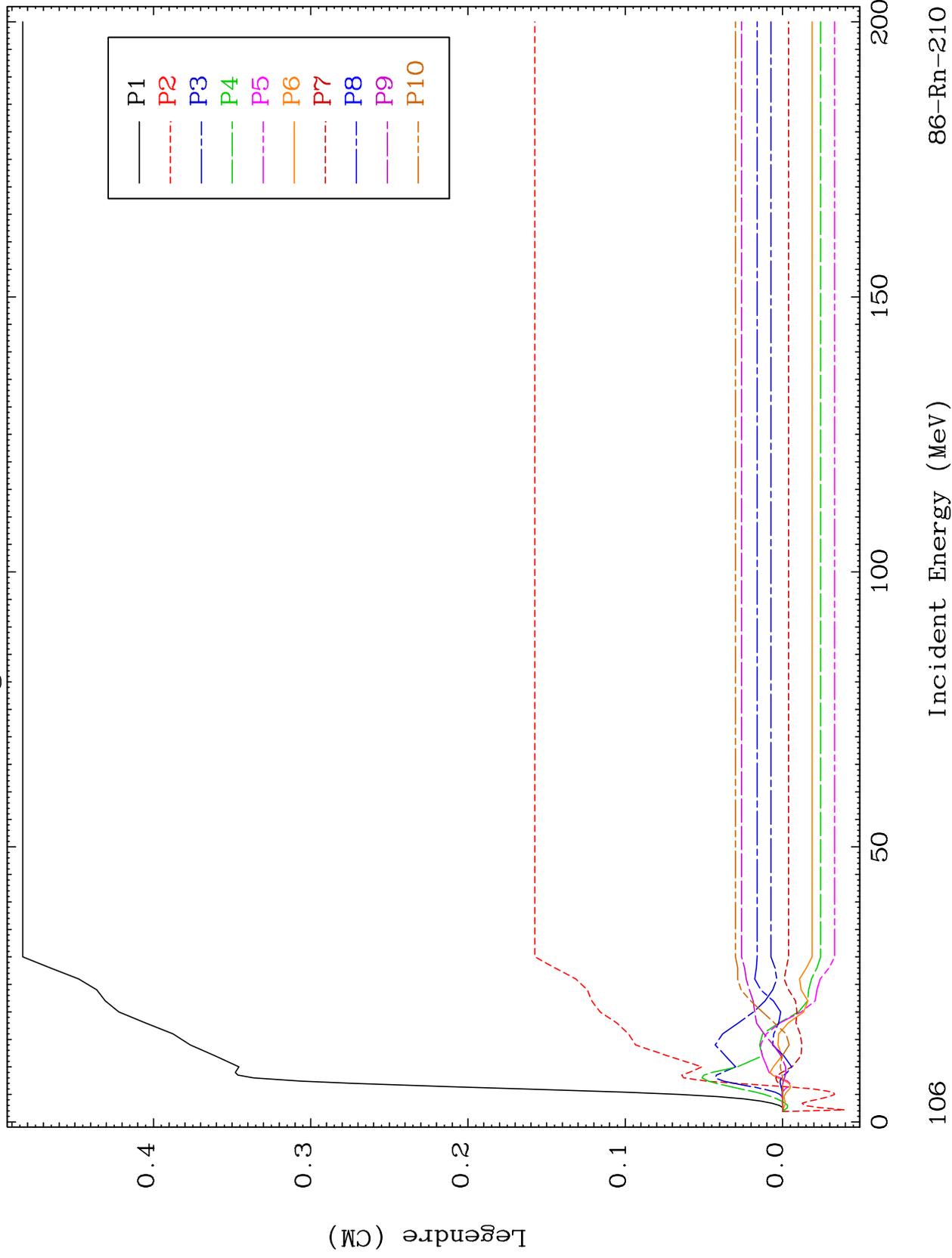
86-Rn-210



MAT 86222

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

86-Rn-210



86-Rn-210

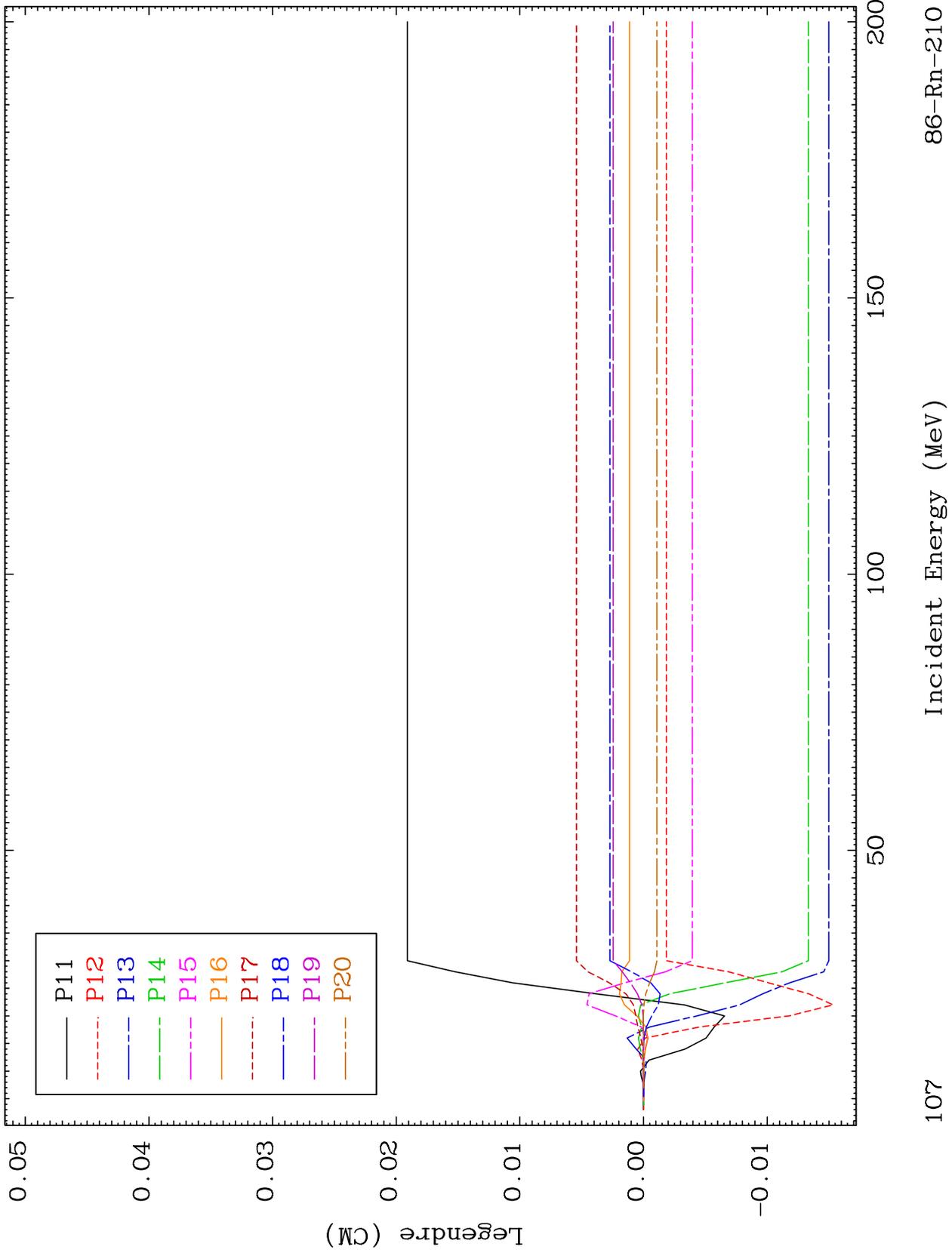
Incident Energy (MeV)

106

MAT 86222

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

86-Rn-210



107

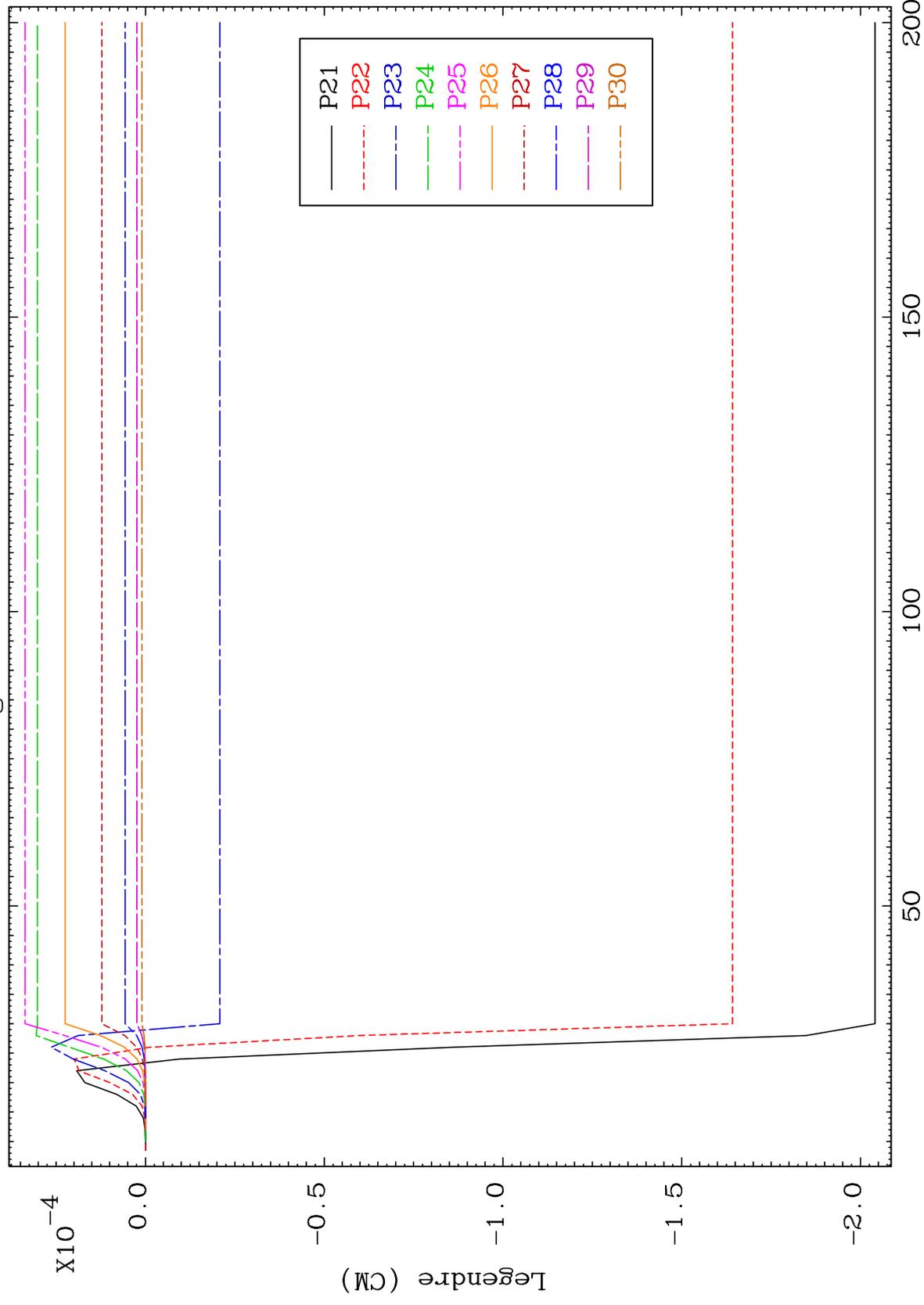
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



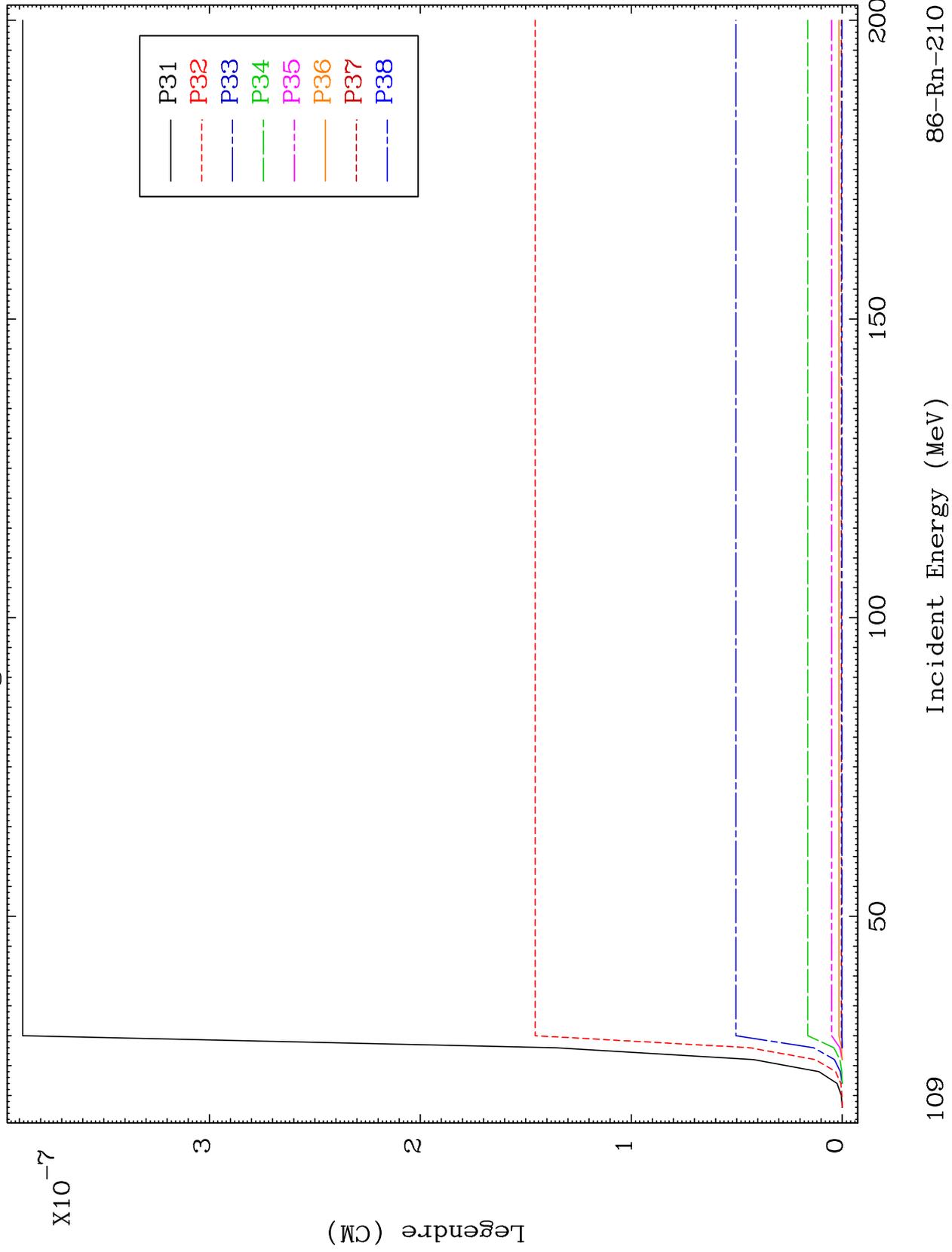
108

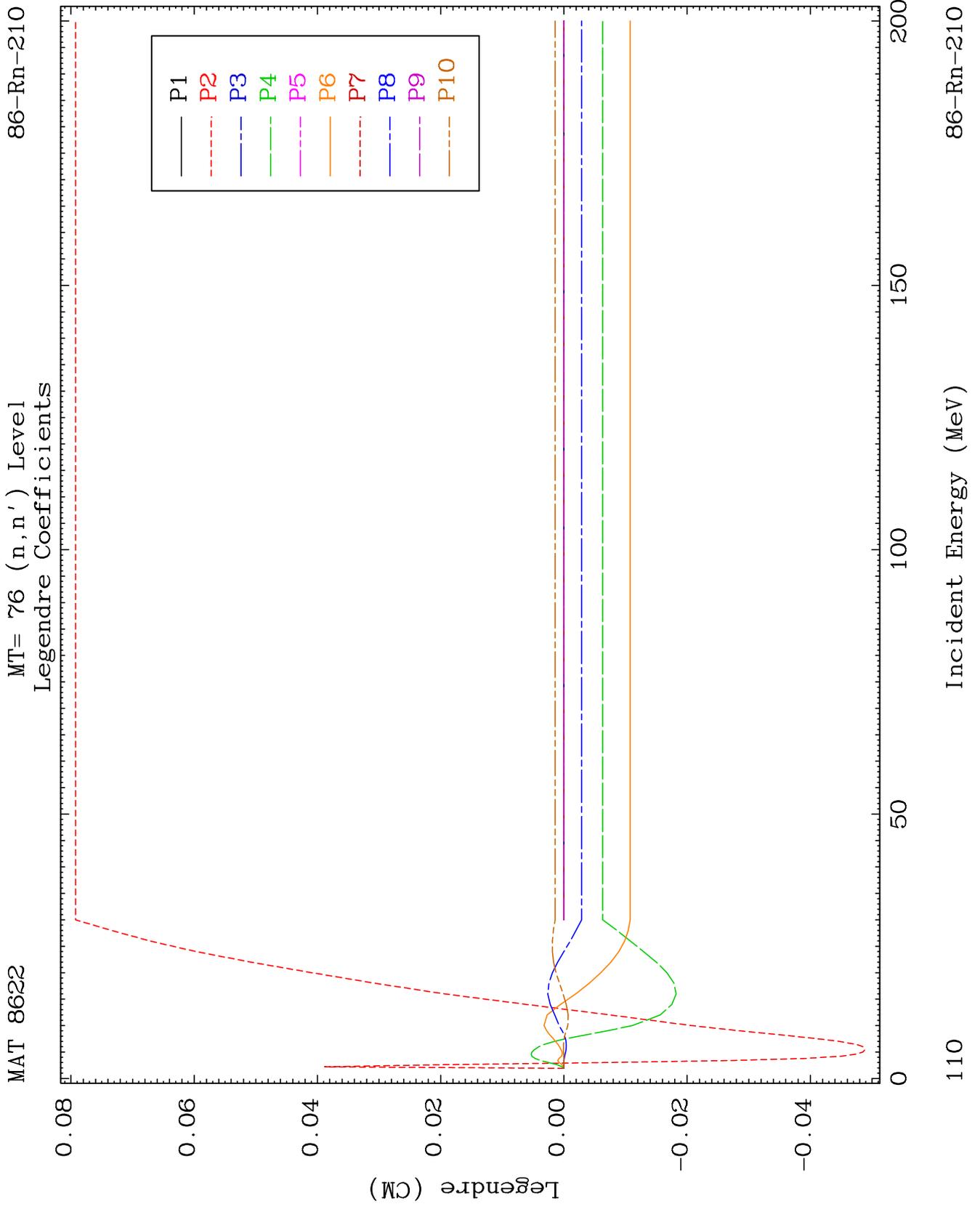
86-Rn-210

MAT 8622

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

86-Rn-210

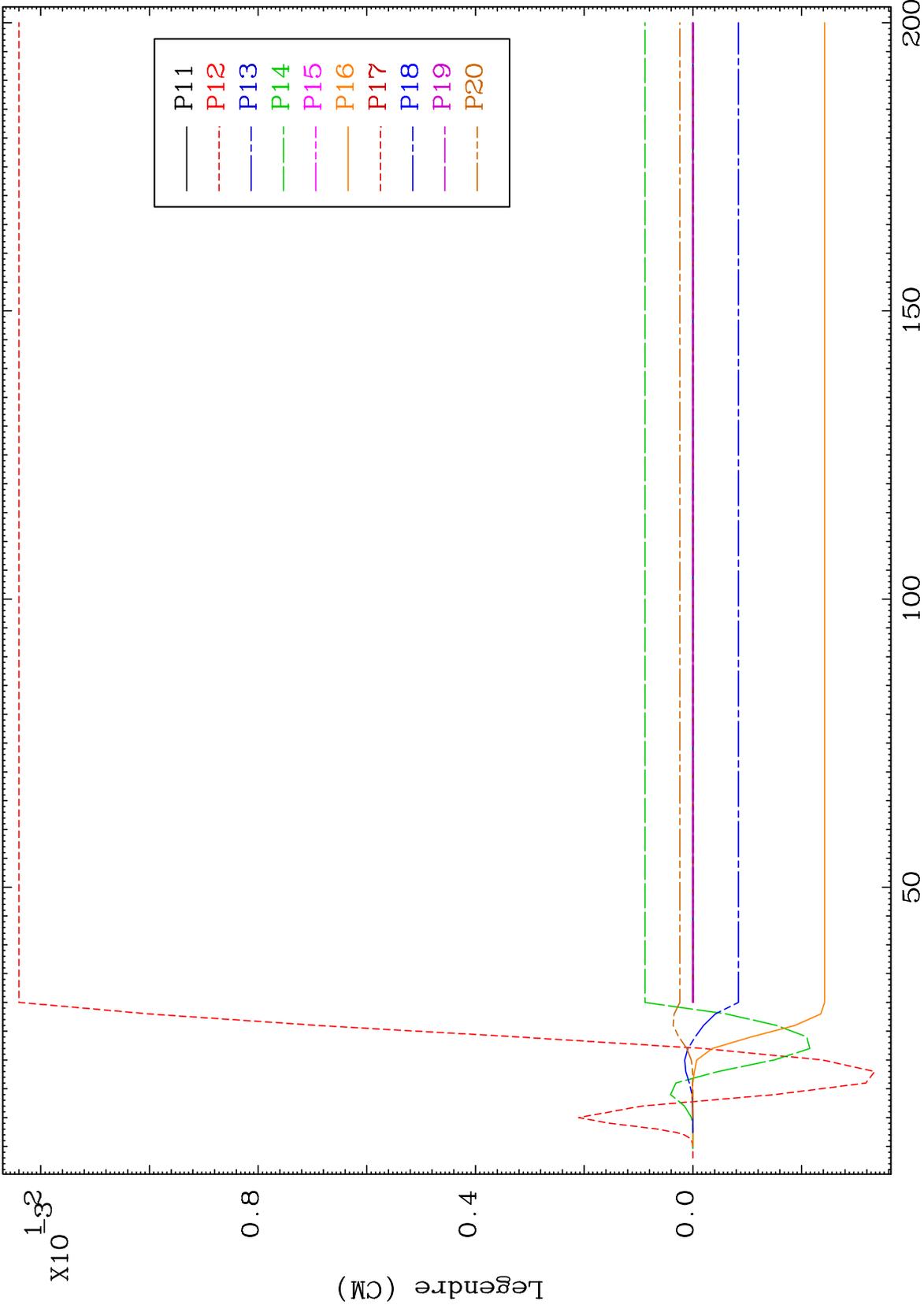




MAT 8622

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

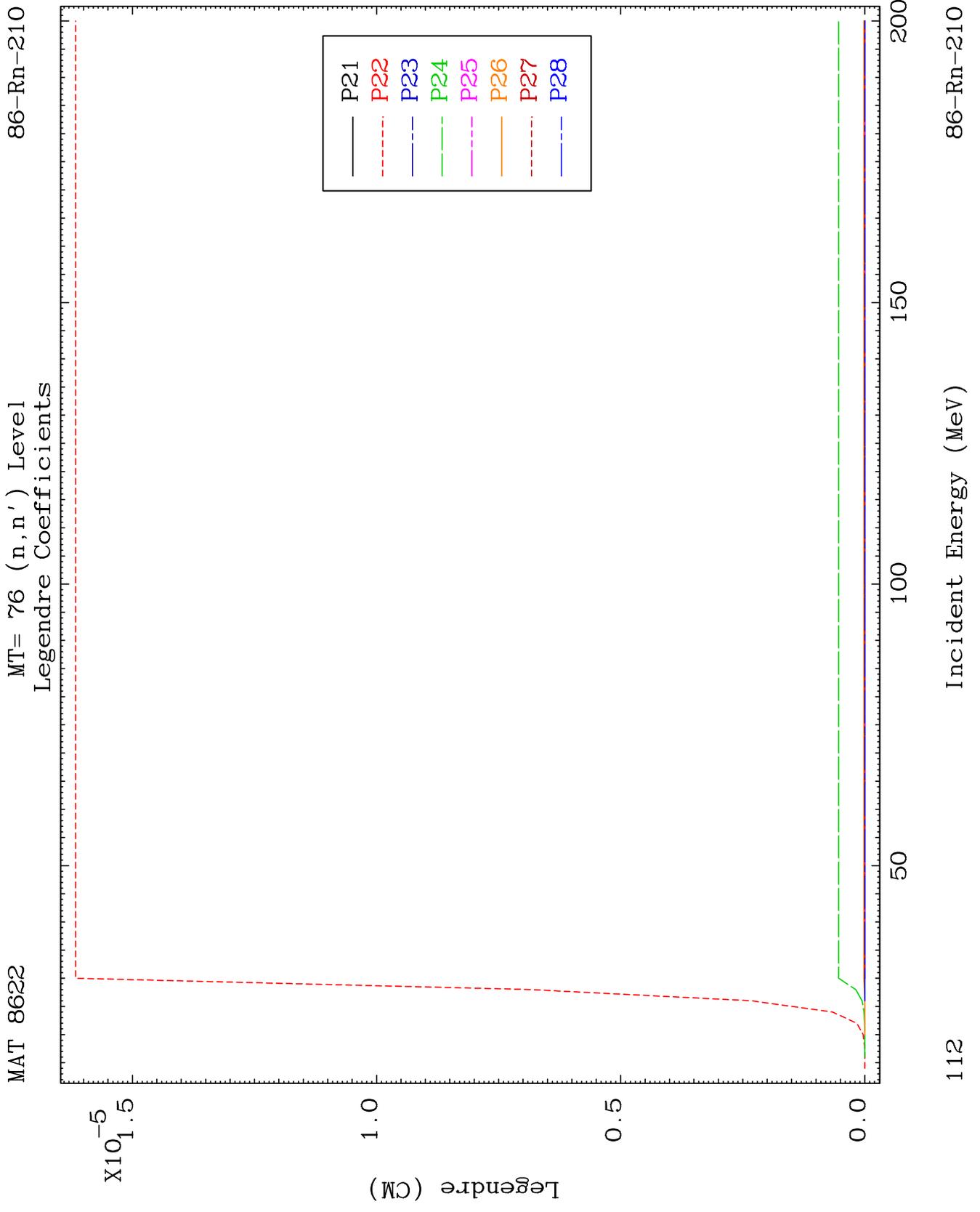
86-Rn-210



111

Incident Energy (MeV)

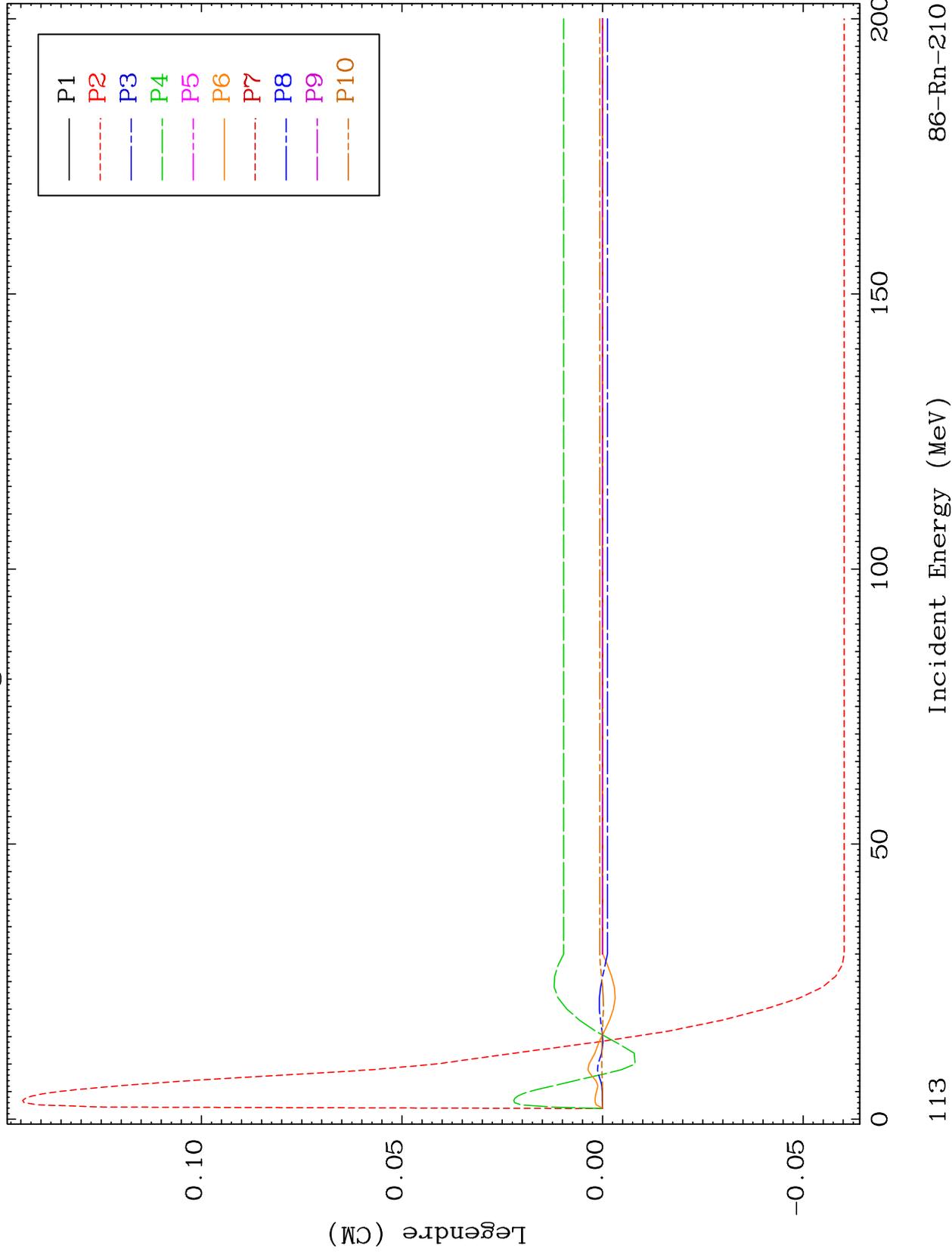
86-Rn-210



MAT 86222

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

86-Rn-210



86-Rn-210

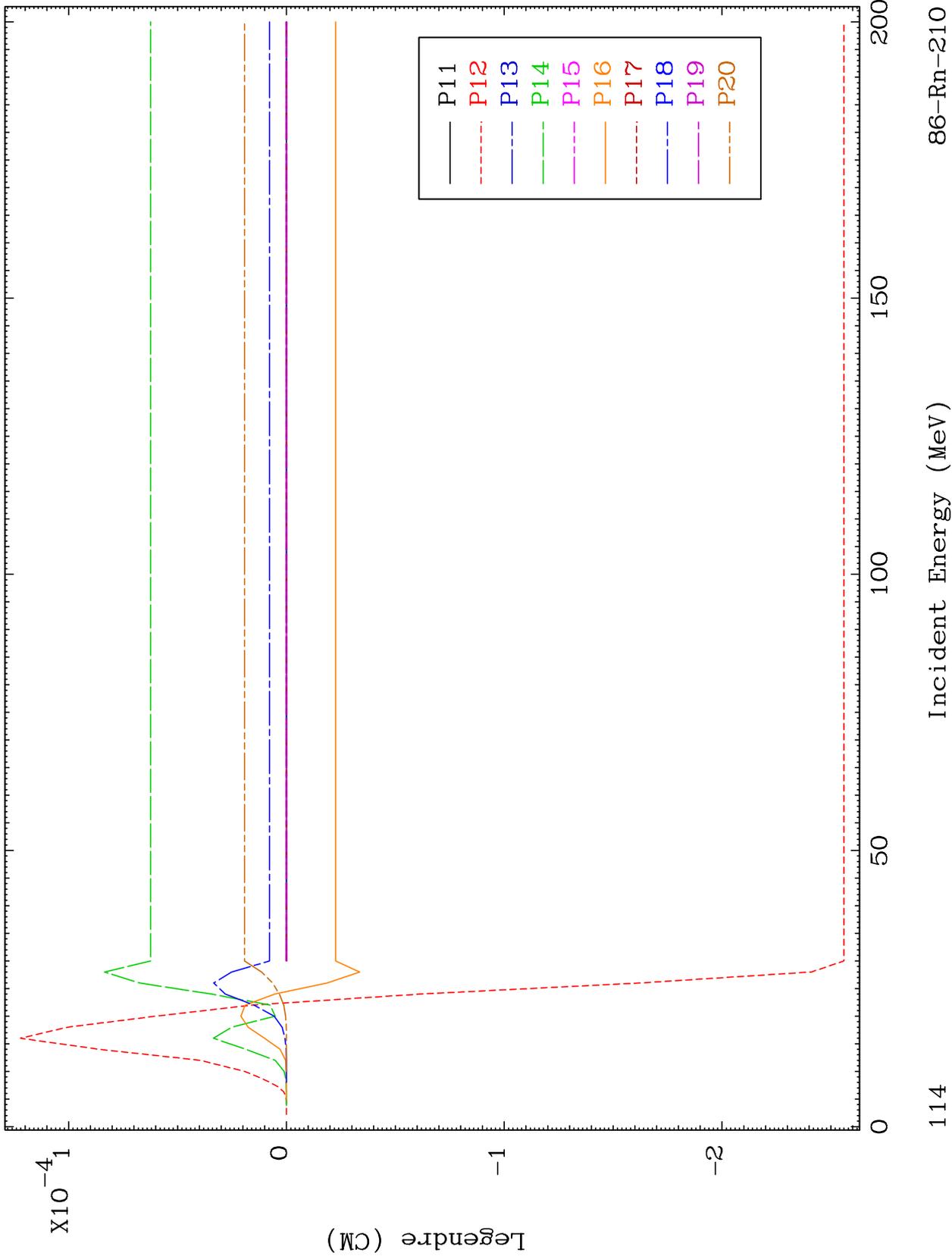
Incident Energy (MeV)

113

MAT 8622

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

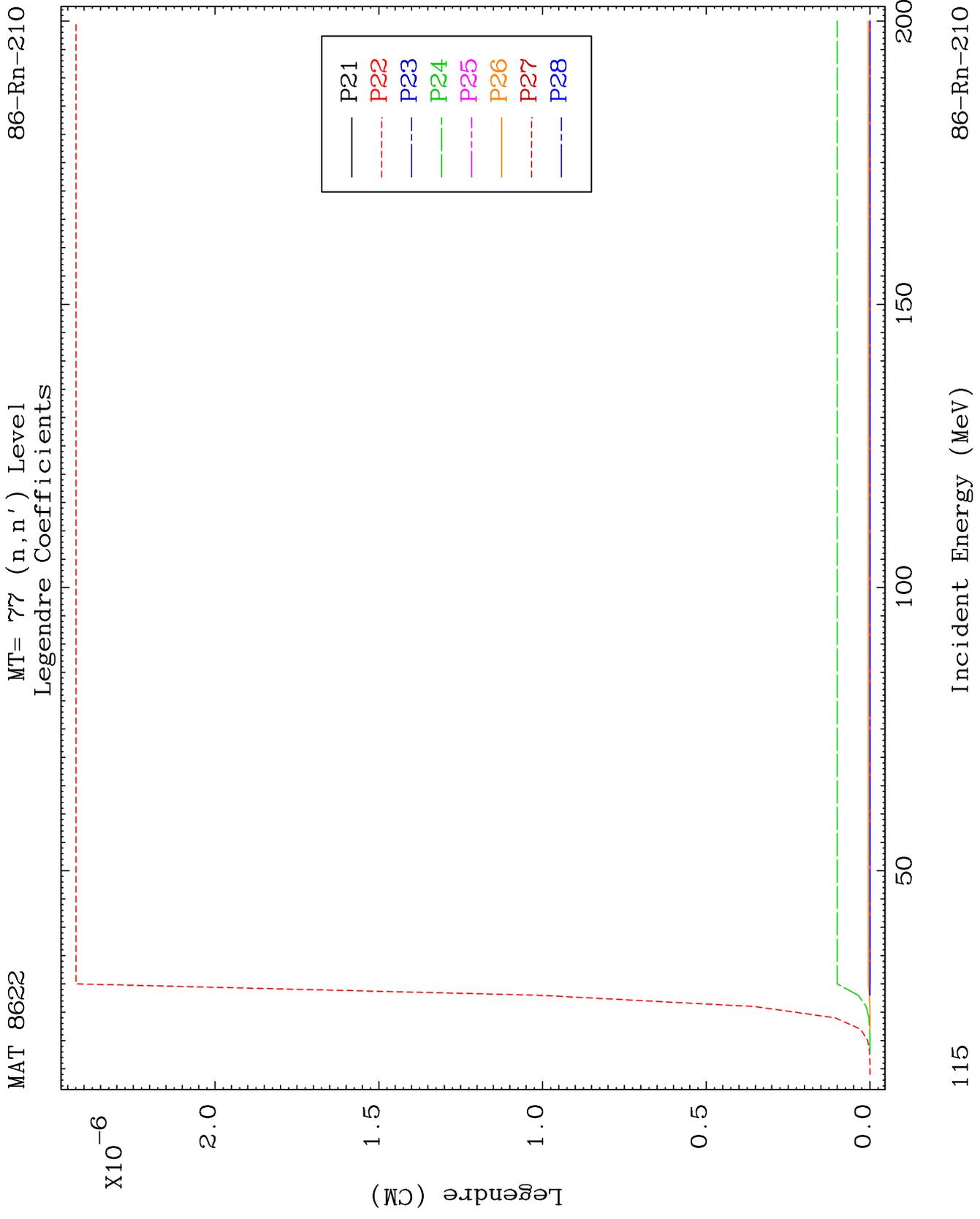
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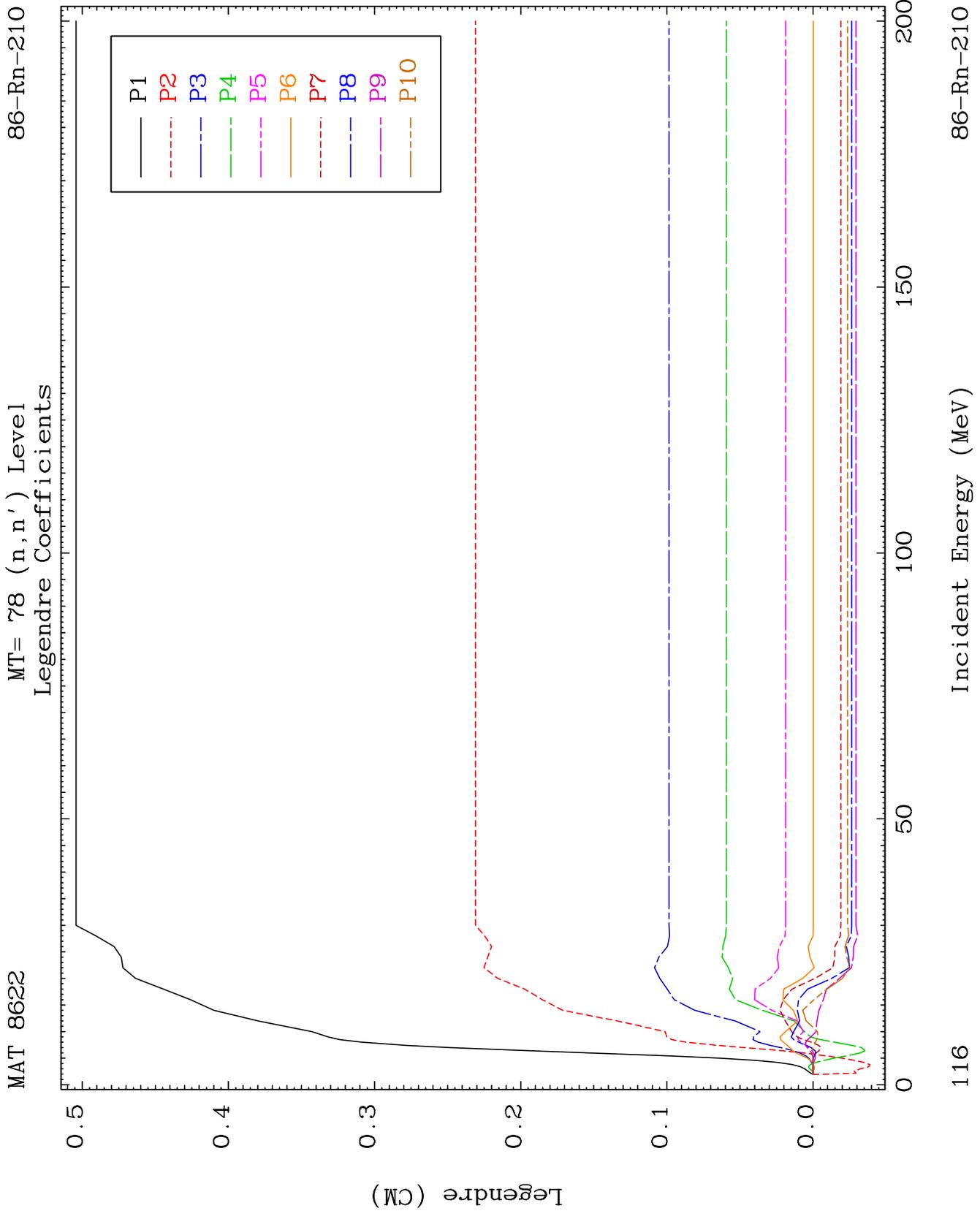


86-Rn-210

Incident Energy (MeV)

114

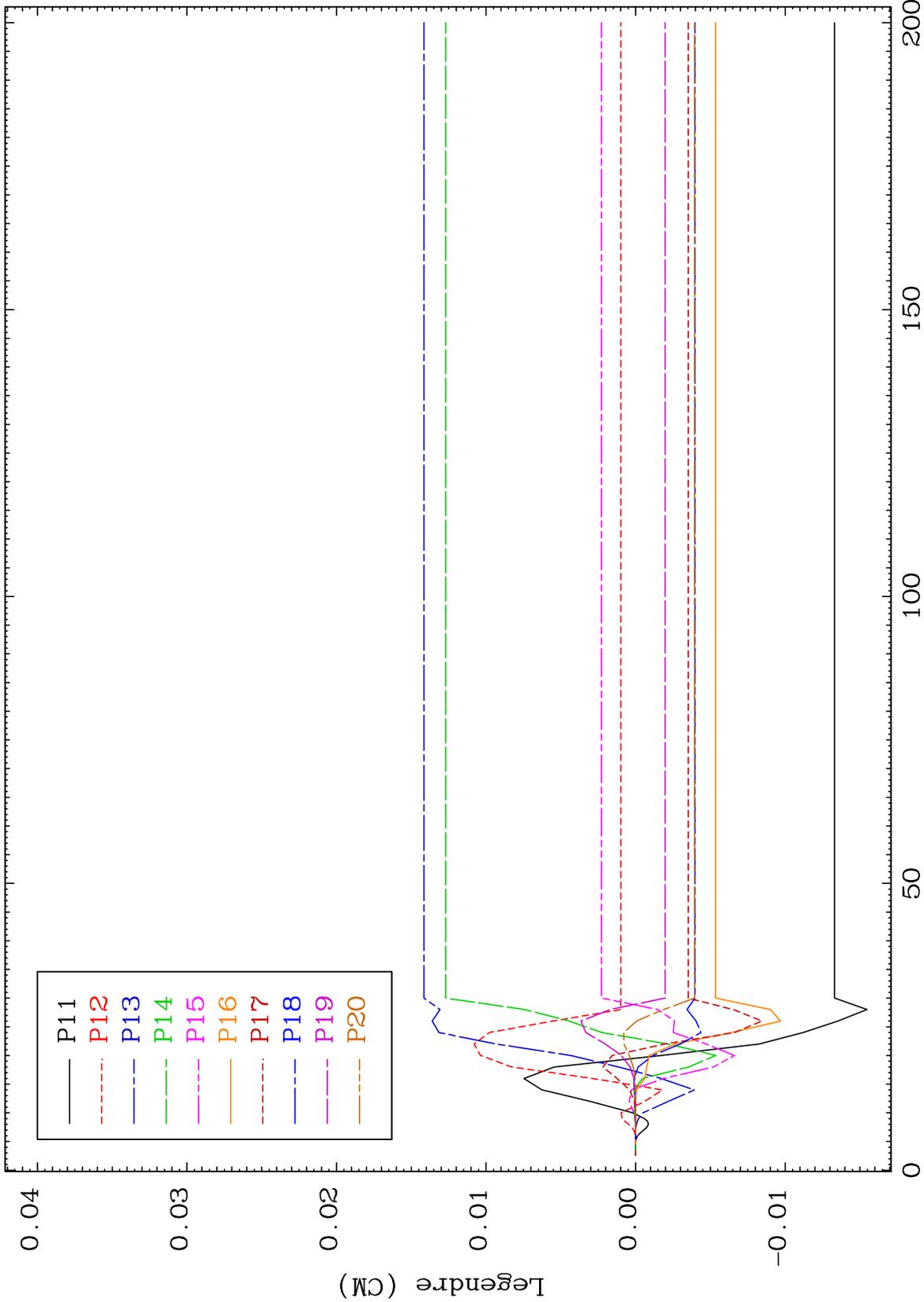




MAT 8622

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

86-Rn-210



117

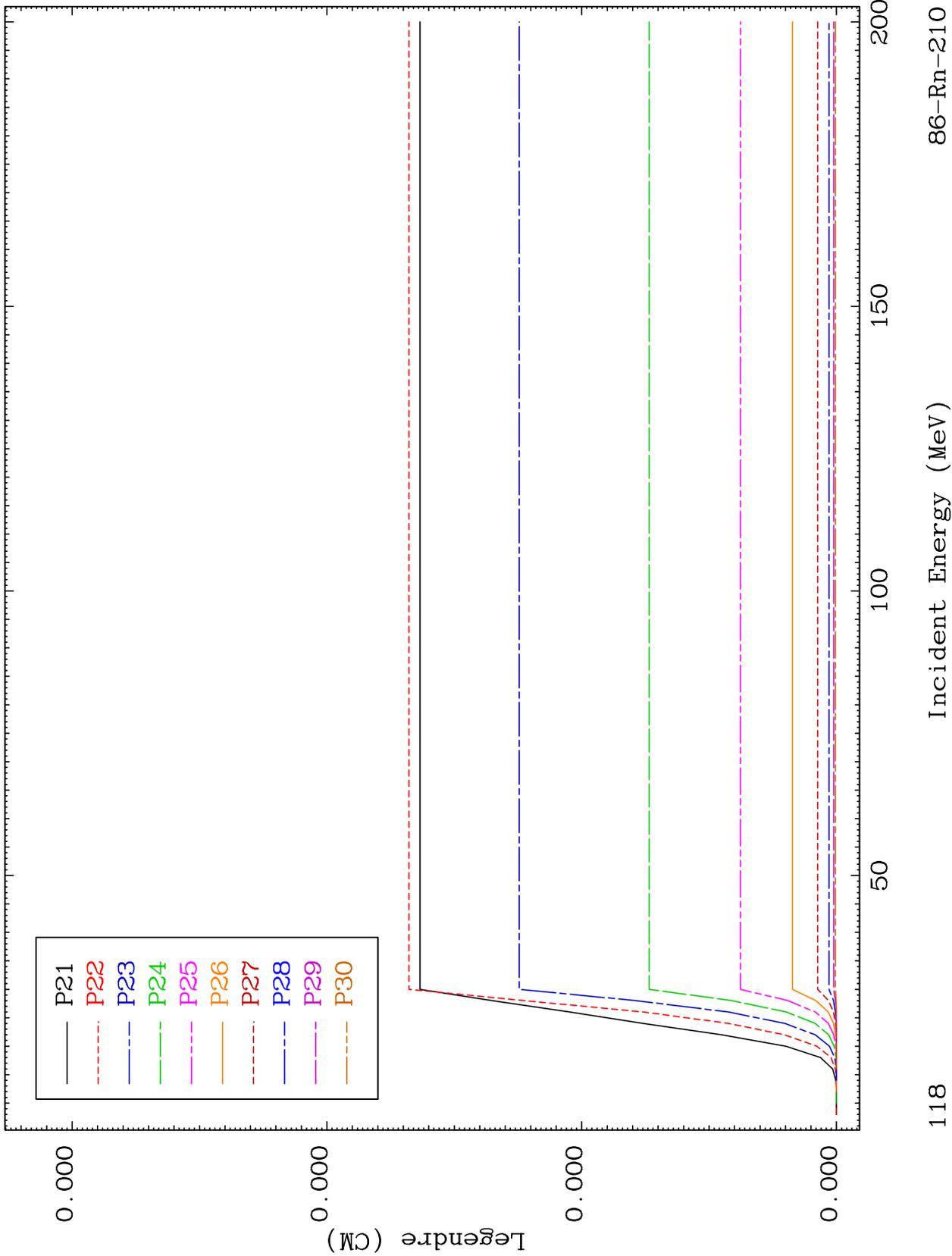
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

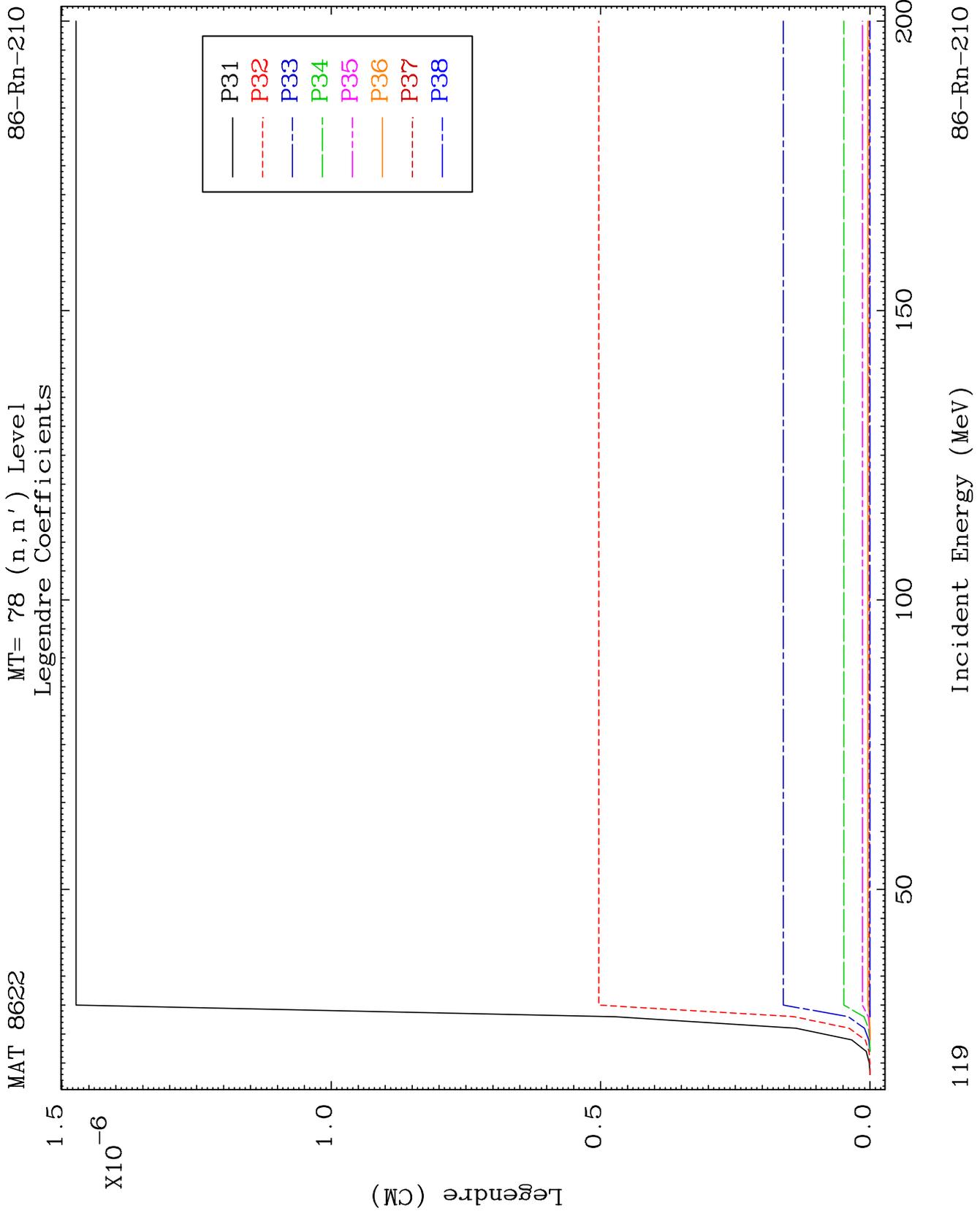
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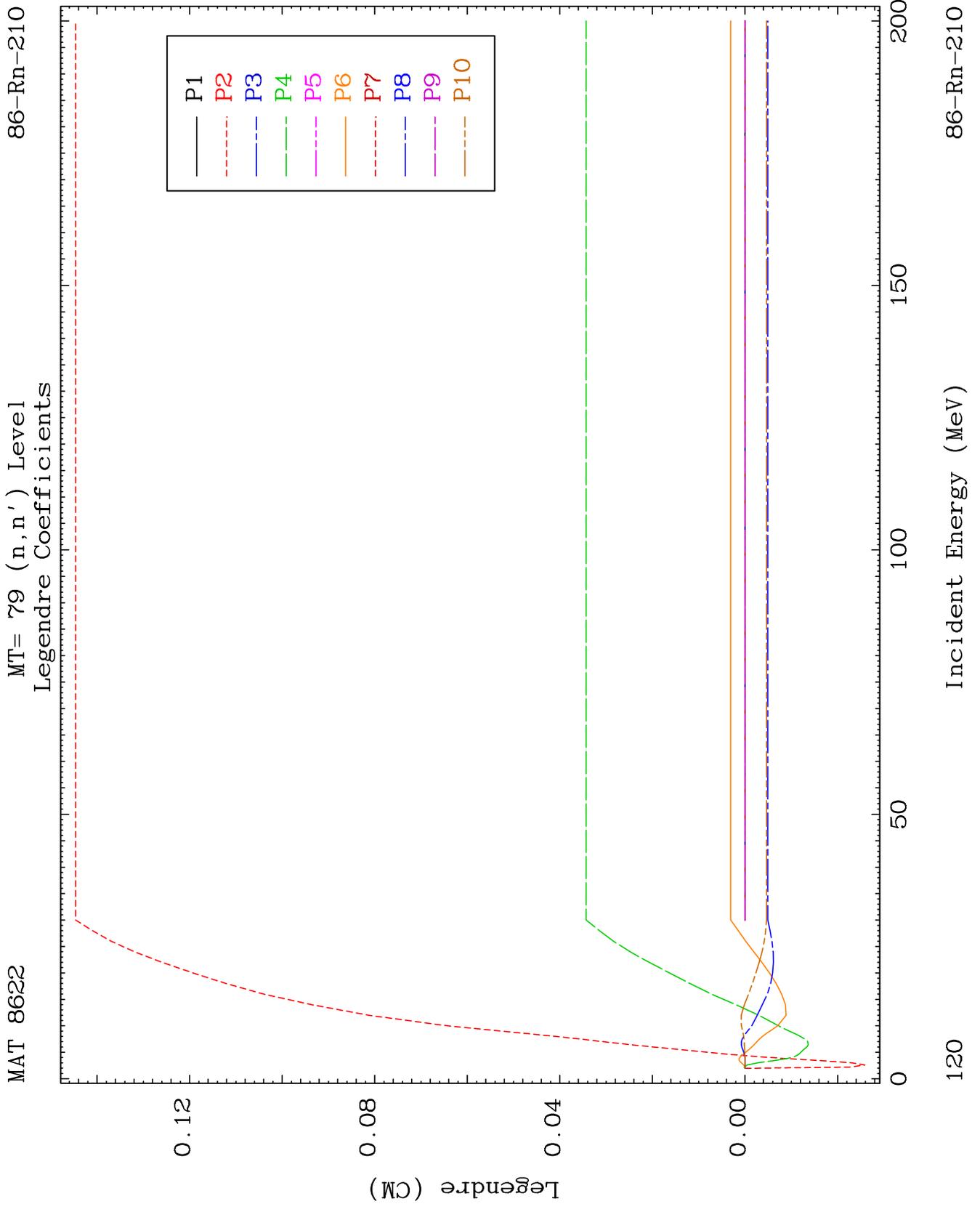


118

Incident Energy (MeV)

86-Rn-210

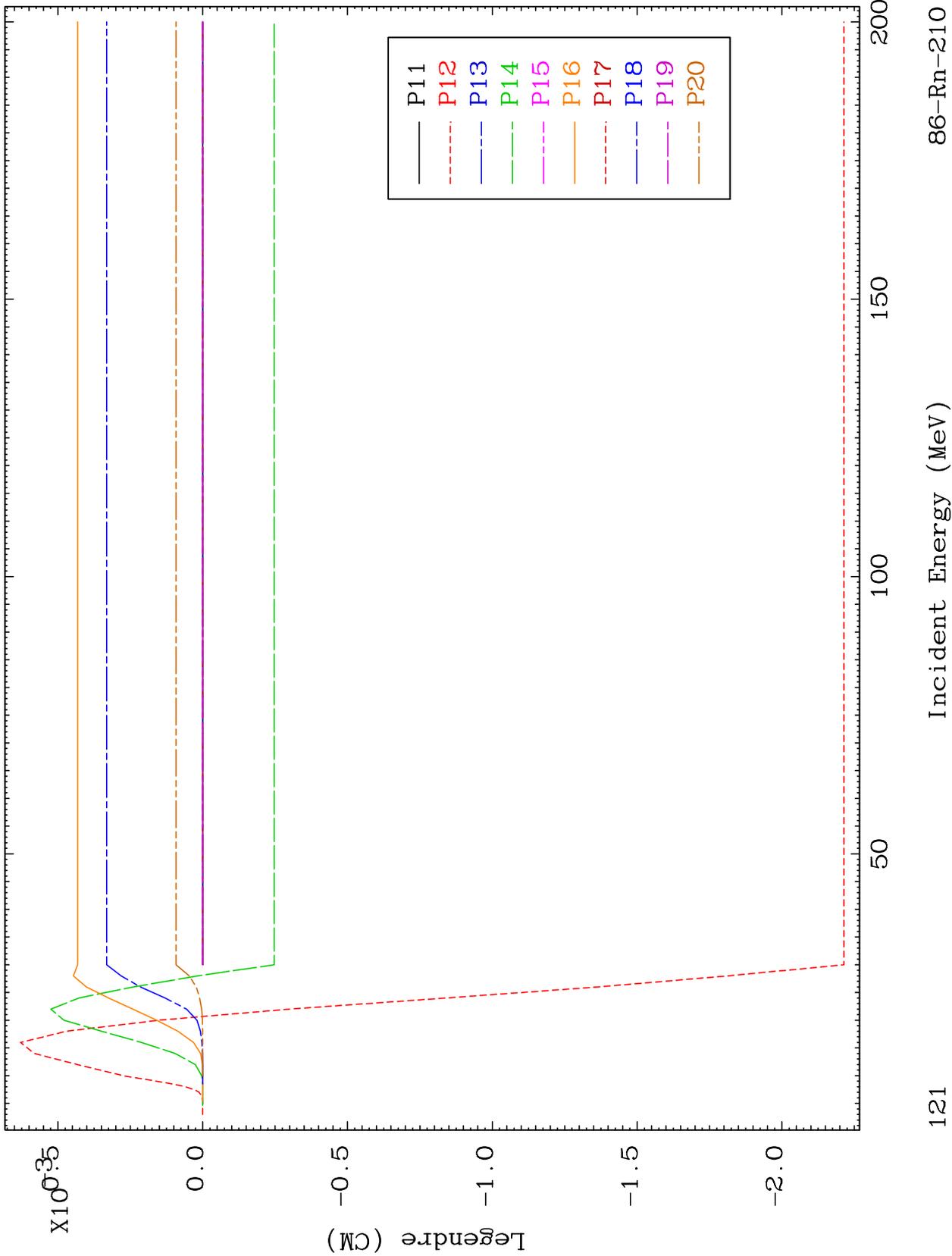




MAT 8622

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

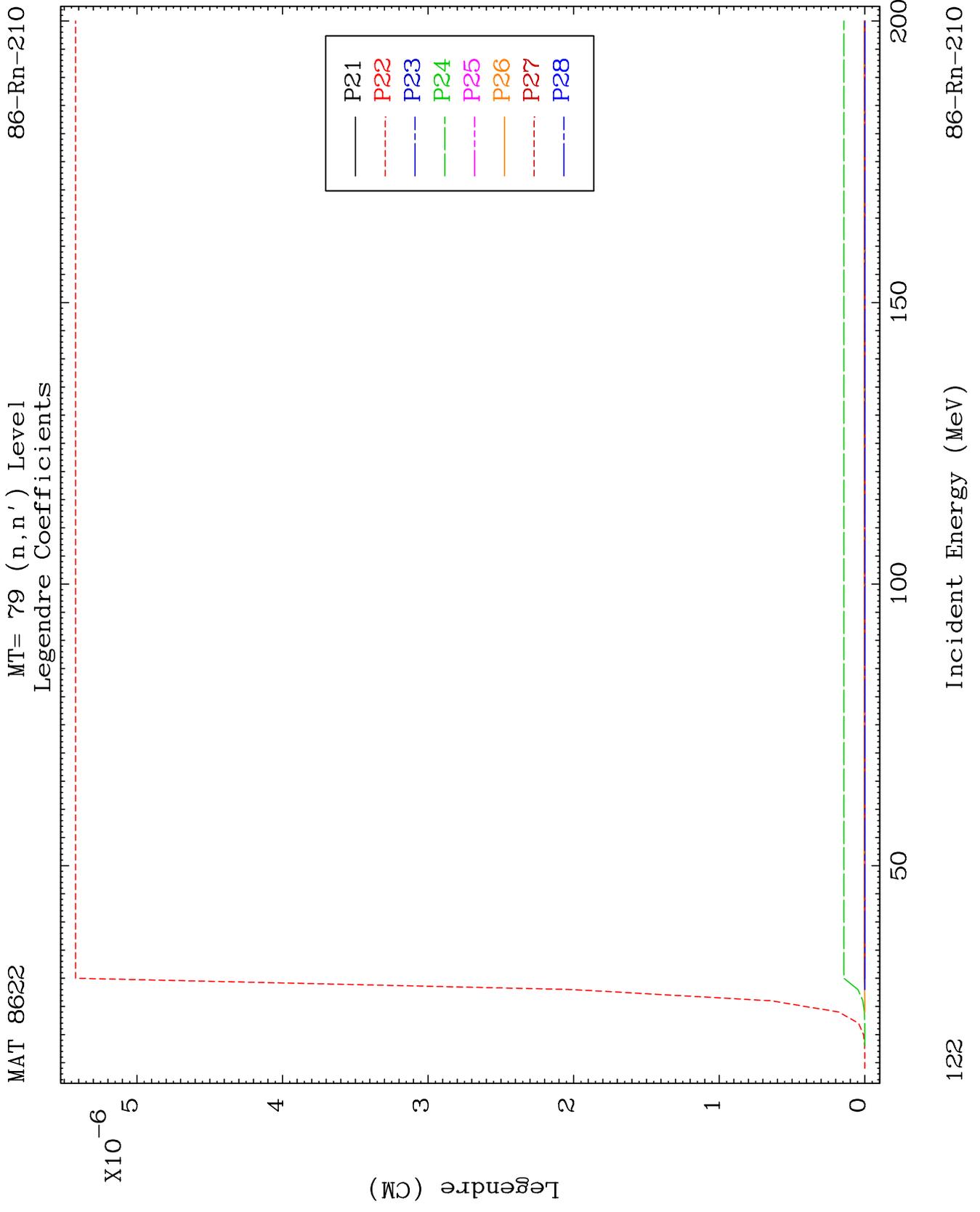
86-Rn-210



121

Incident Energy (MeV)

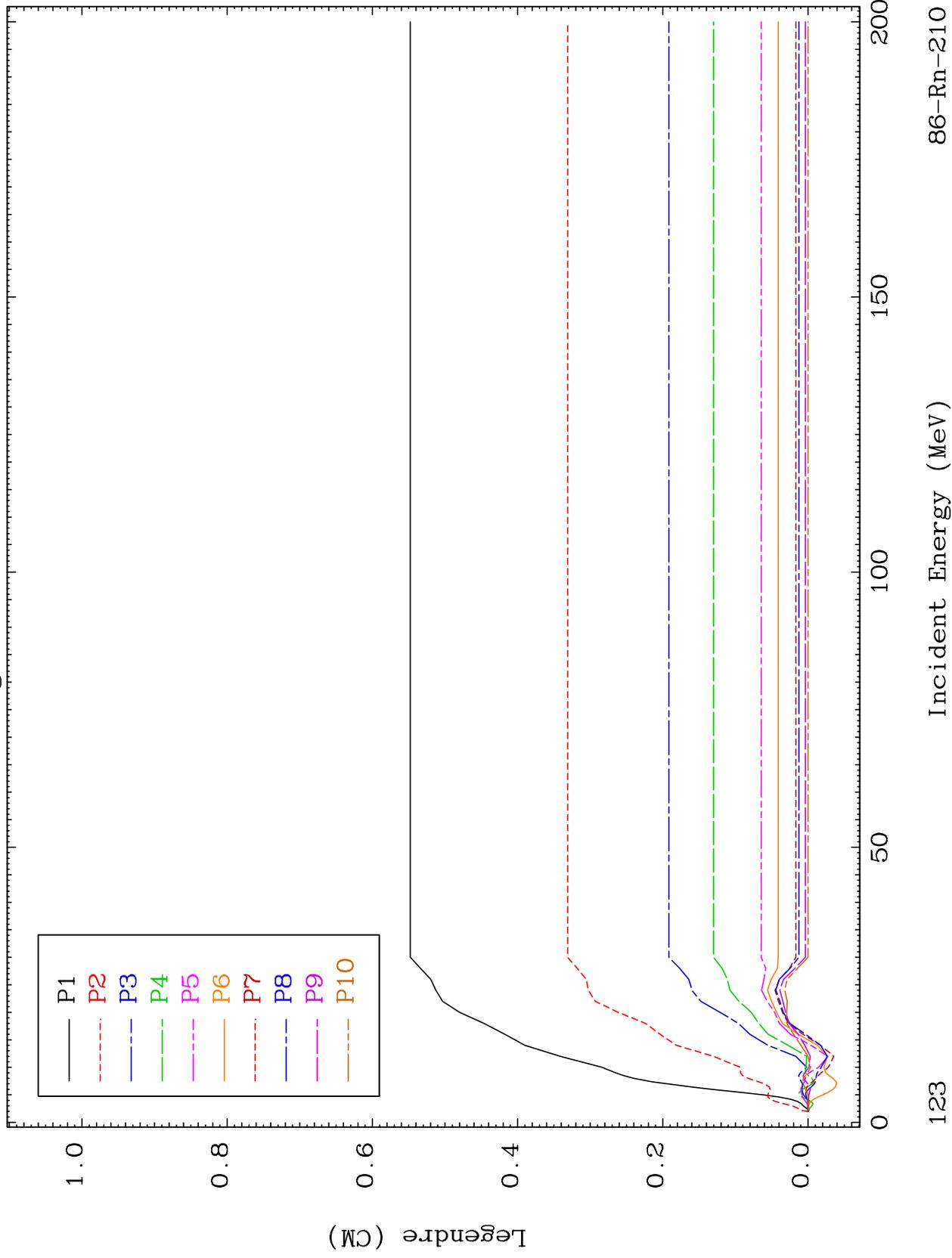
86-Rn-210



MAT 86222

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

86-Rn-210



123

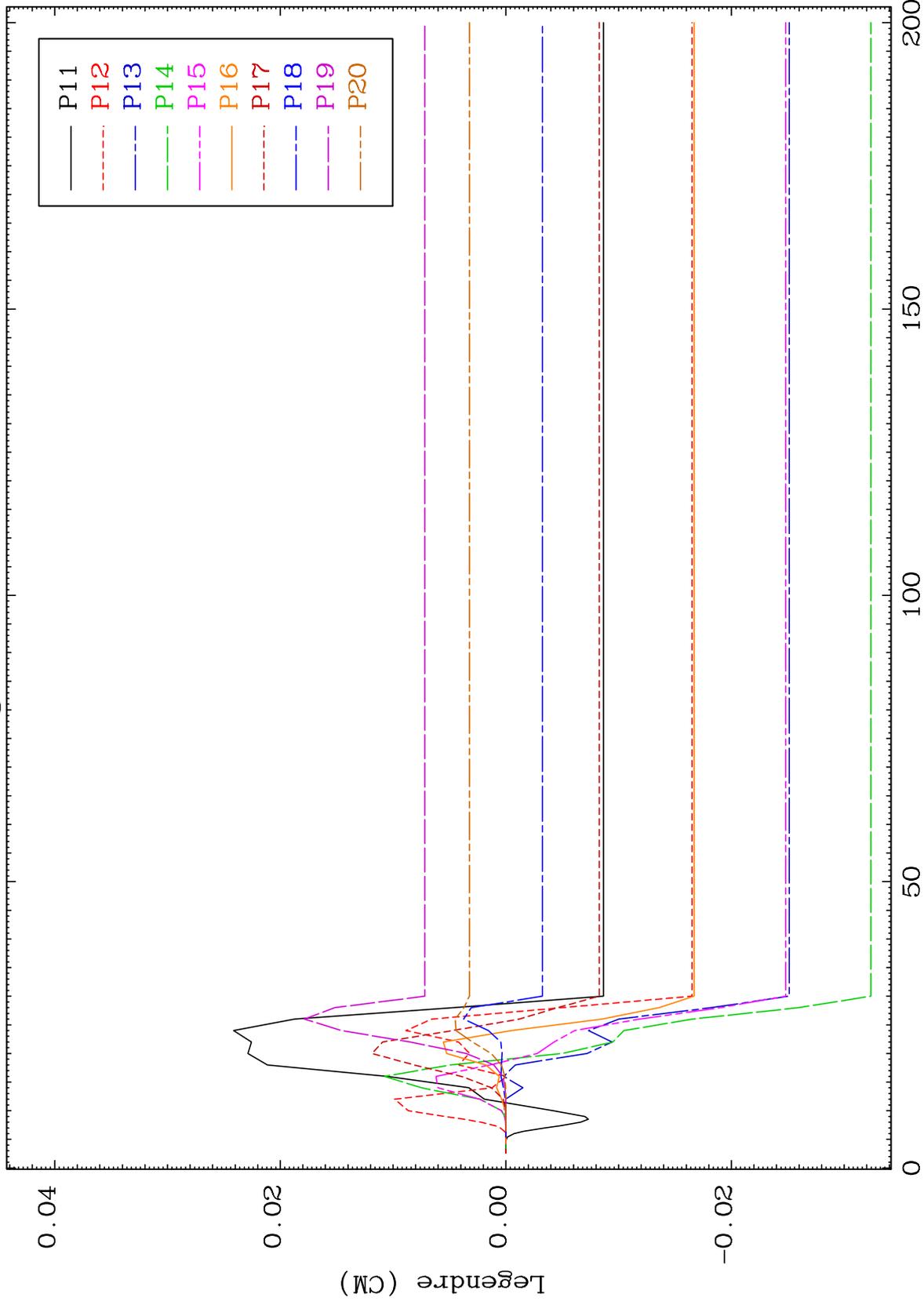
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



124

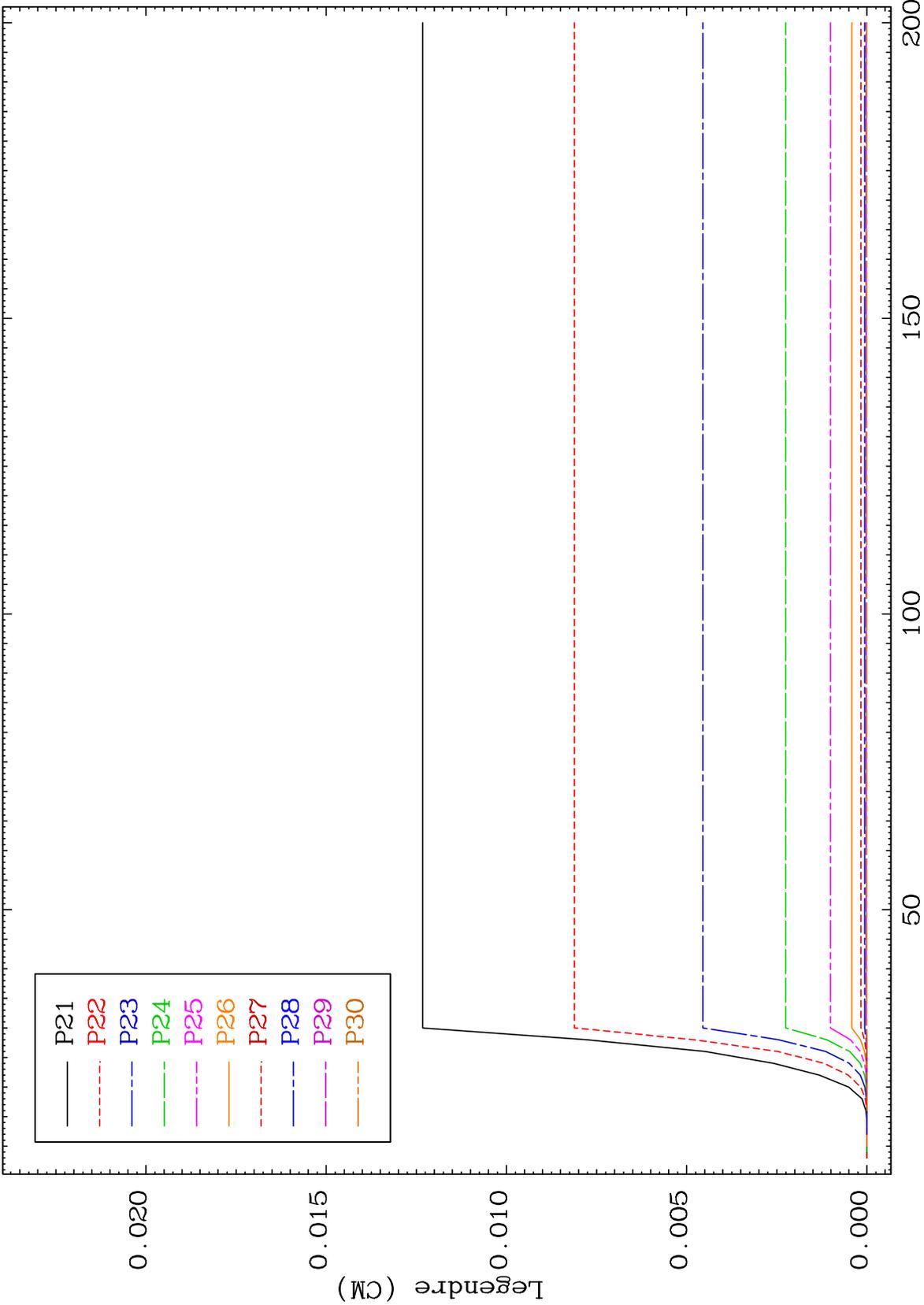
Incident Energy (MeV)

86-Rn-210

MAT 8622

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

86-Rn-210



125

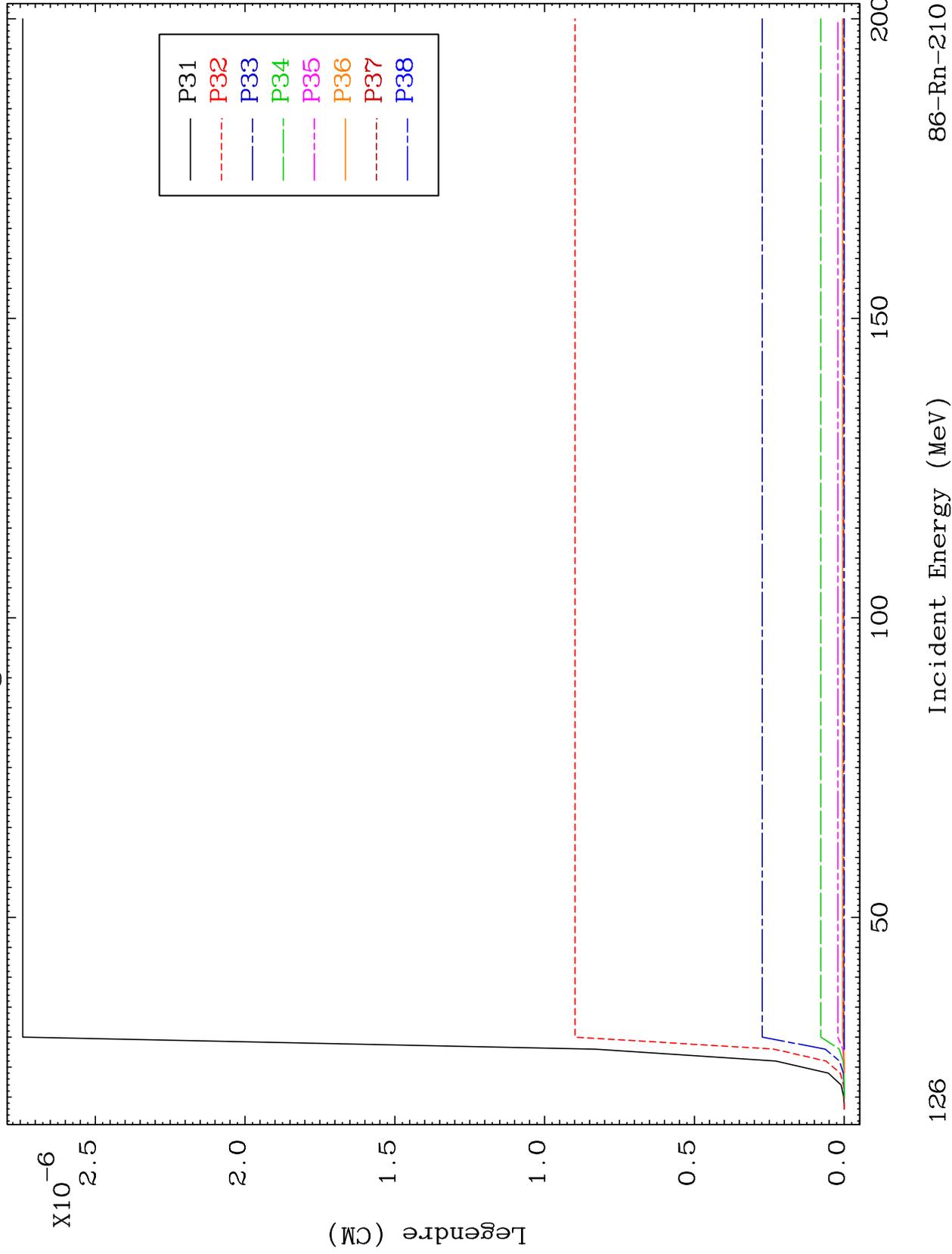
Incident Energy (MeV)

86-Rn-210

MAT 86222

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

86-Rn-210



126

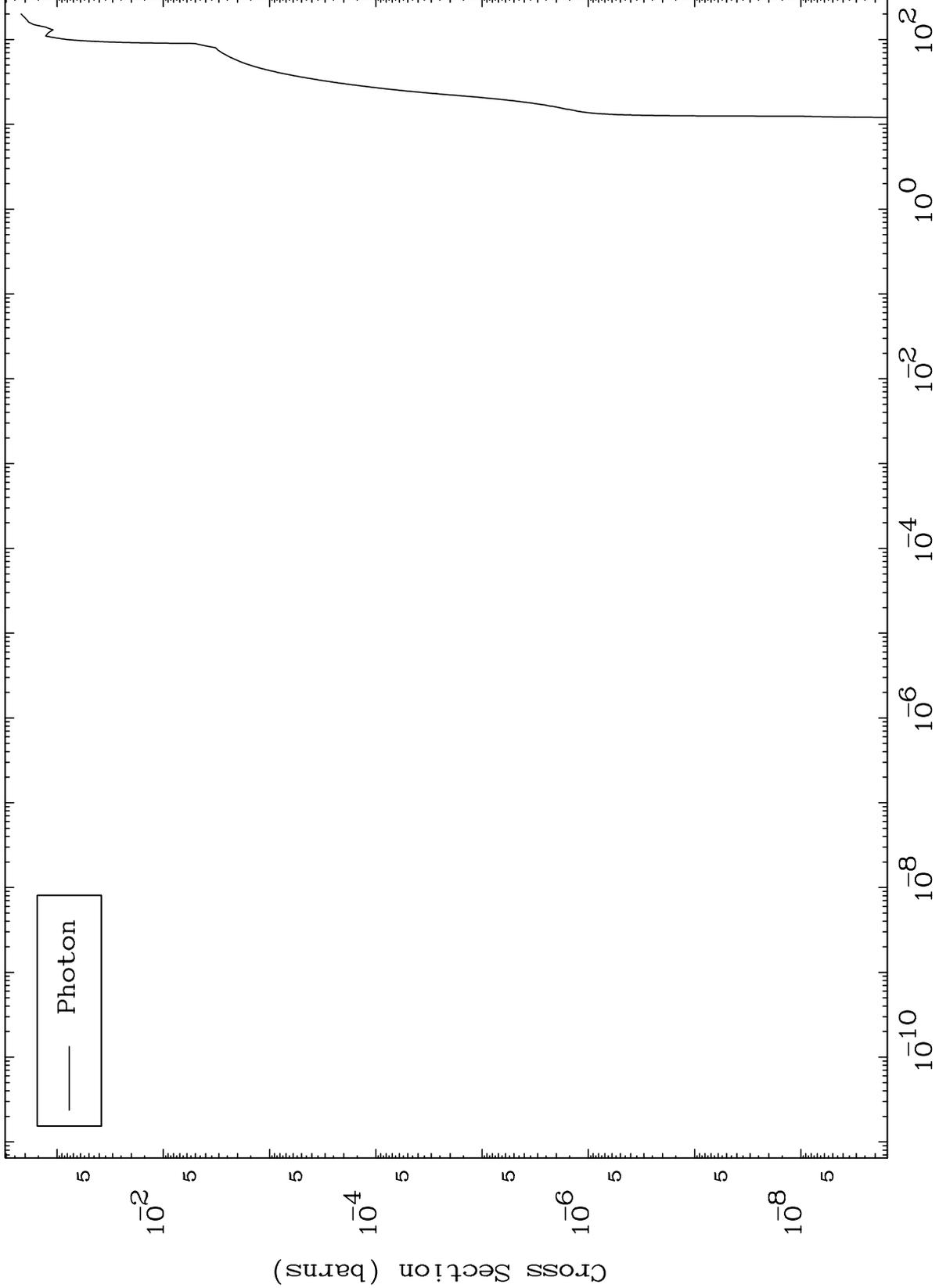
Incident Energy (MeV)

86-Rn-210

MAT 8622

Fission
Radionuclide Production Cross Section

86-Rn-210



86-Rn-210

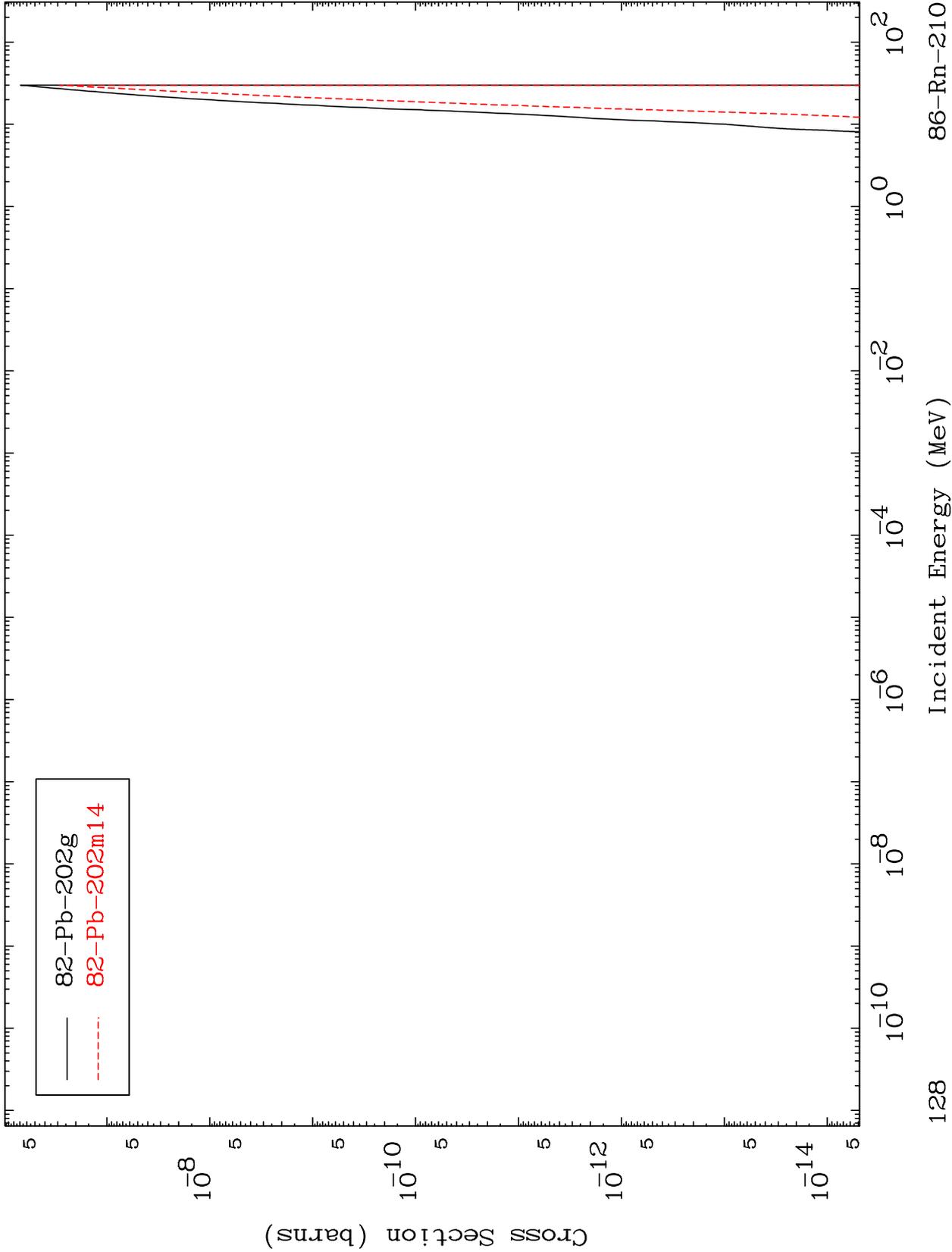
Incident Energy (MeV)

MAT 8622

(n,n') 2α

86-Rn-210

Radionuclide Production Cross Section

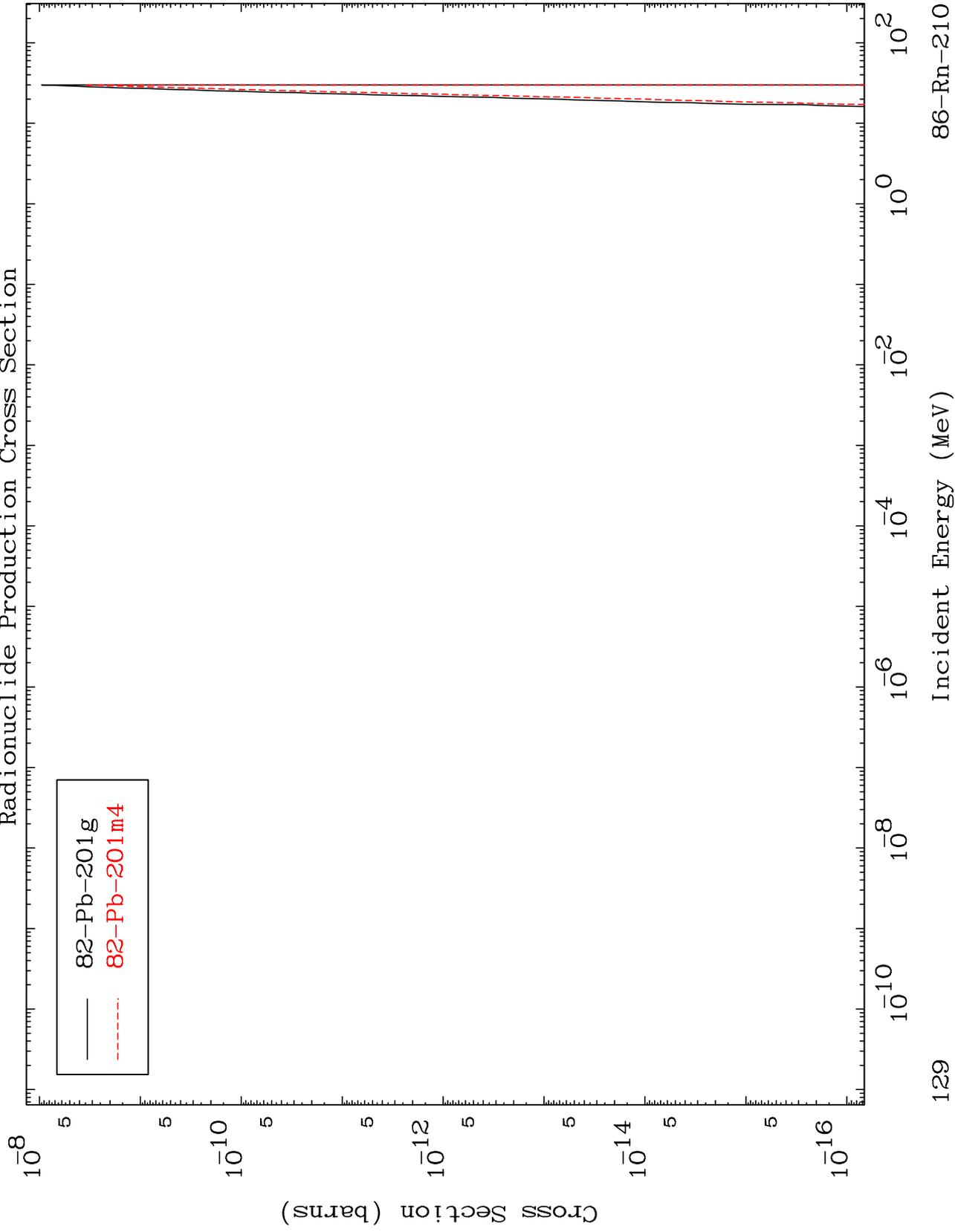


MAT 8622

(n,2n) 2 α

86-Rn-210

Radionuclide Production Cross Section

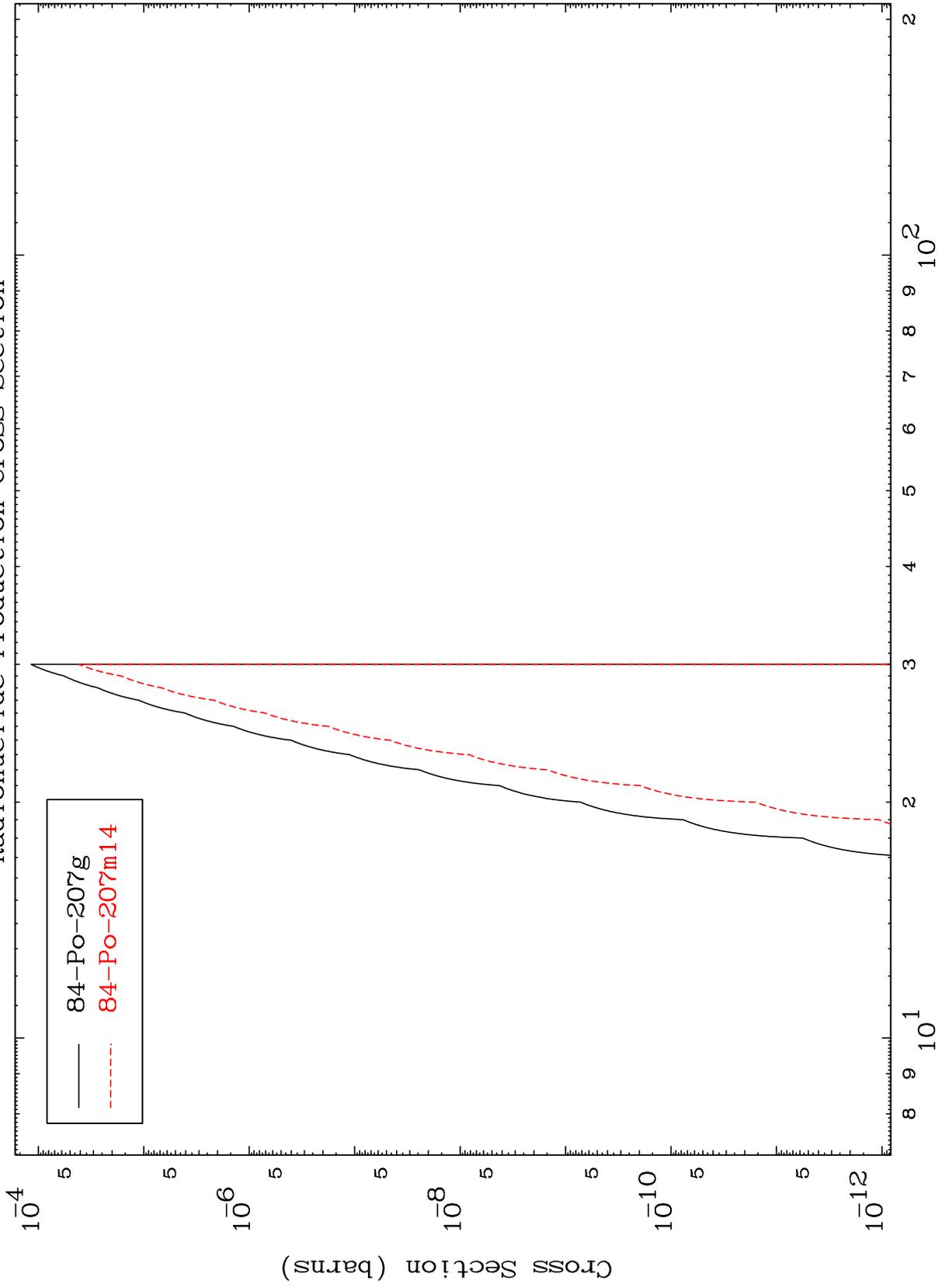


MAT 8622

(n,n') He-3

86-Rn-210

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

130

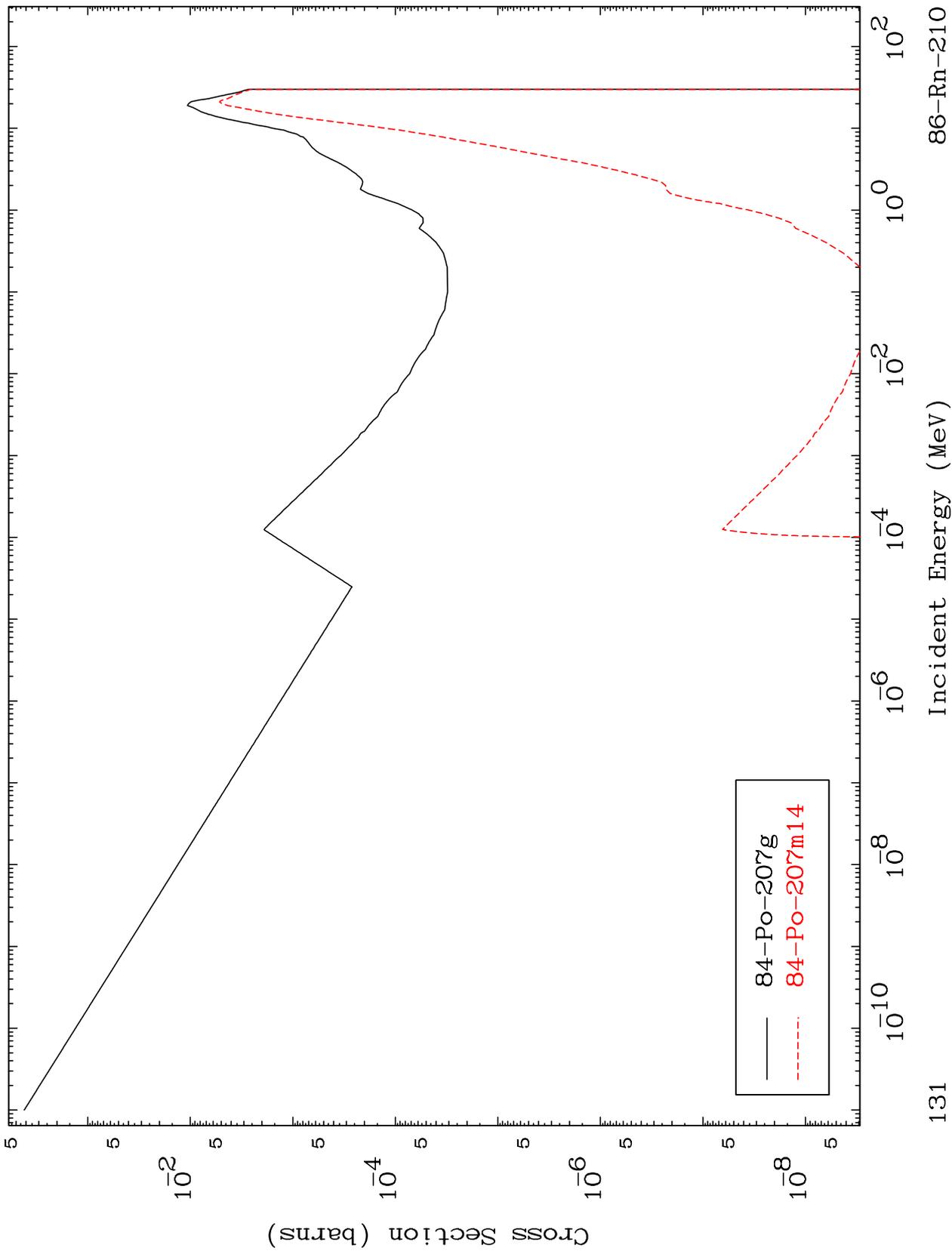
Incident Energy (MeV)

86-Rn-210

MAT 8622

86-Rn-210

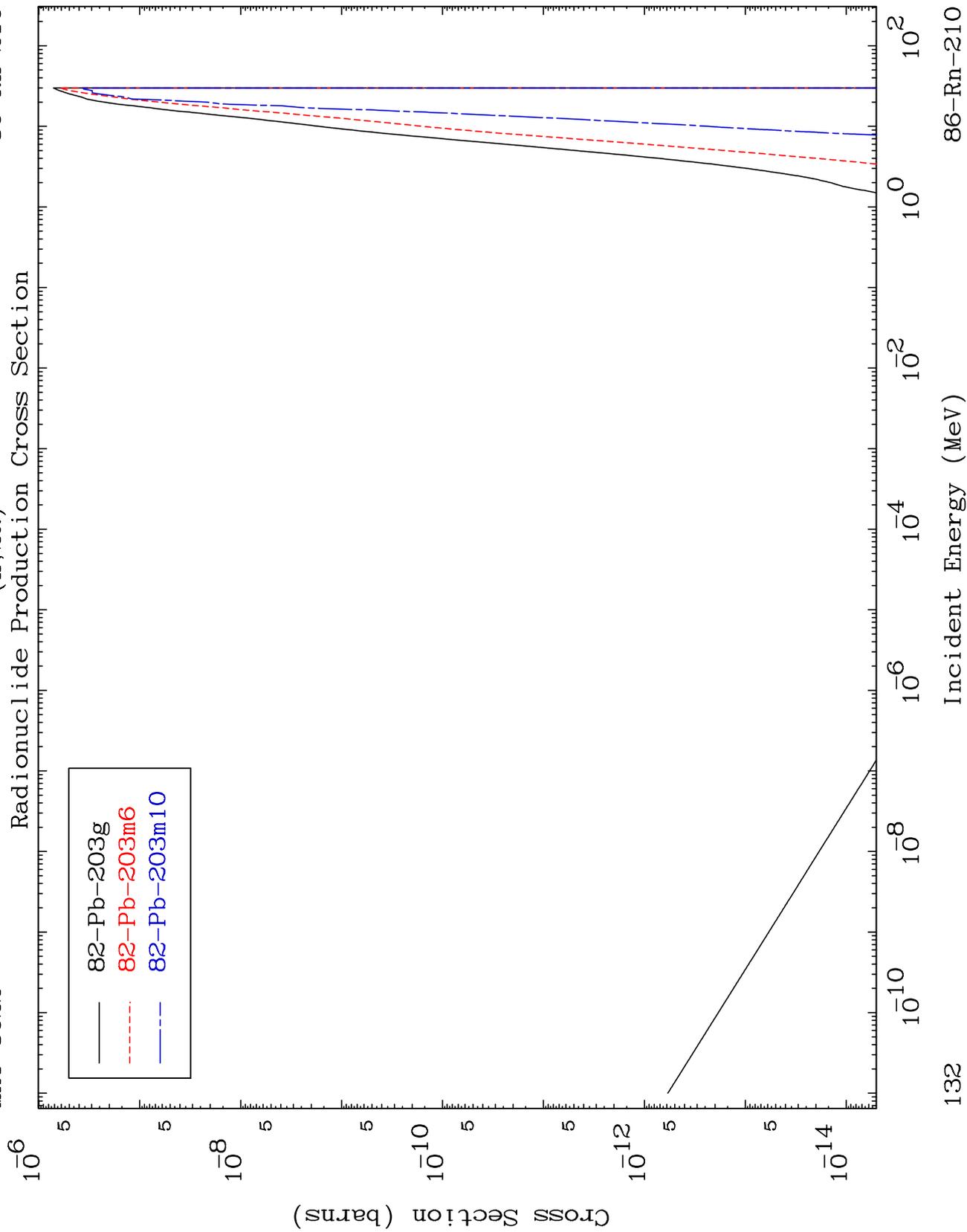
Radionuclide Production Cross Section
(n, α)



MAT 8622

86-Rn-210

(n,2α)
Radionuclide Production Cross Section

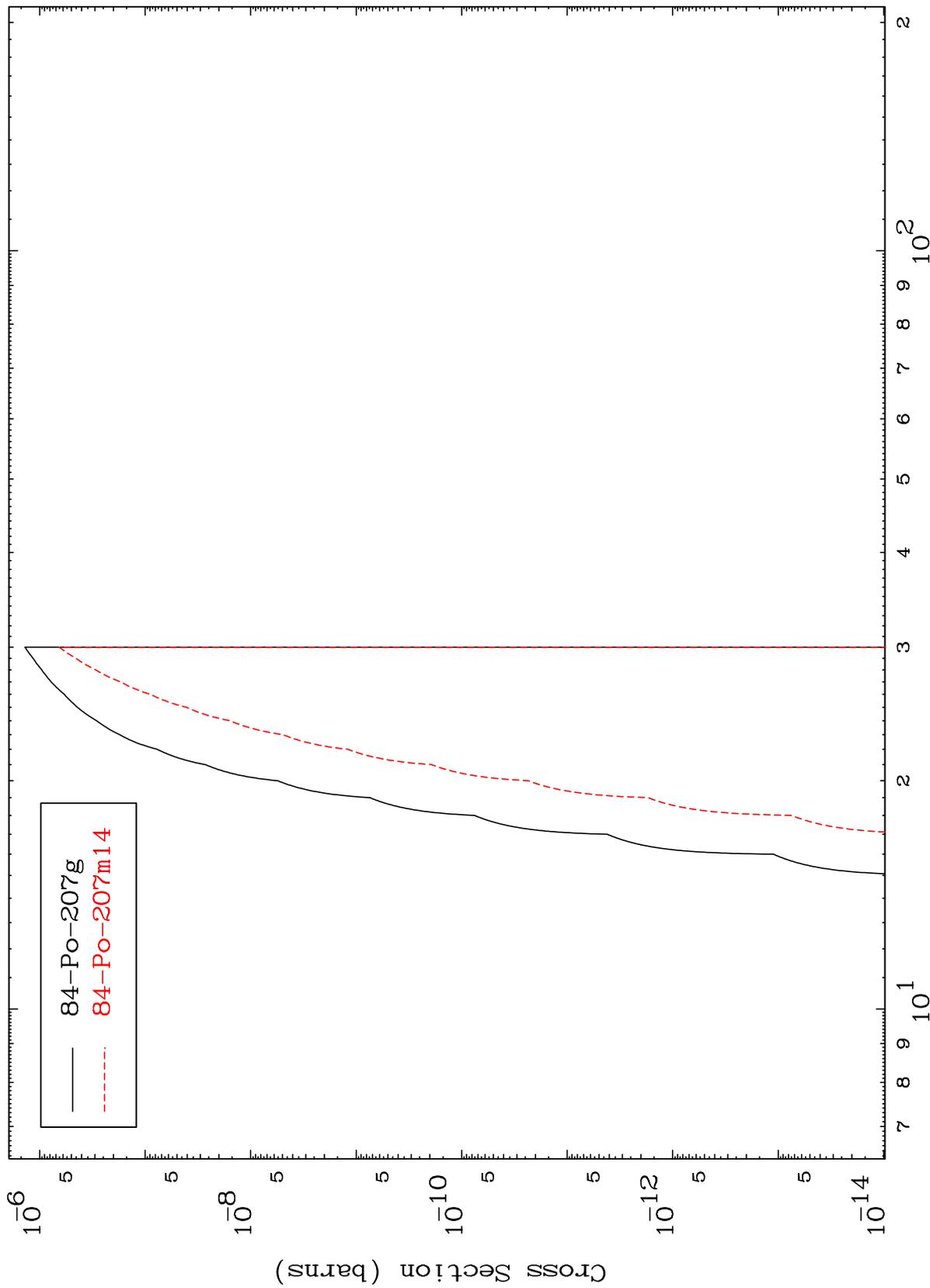


MAT 8622

(n,p) t

86-Rn-210

Radionuclide Production Cross Section



133

Incident Energy (MeV)

86-Rn-210