

Program EVALPLOT
(Version 2015-2)

by

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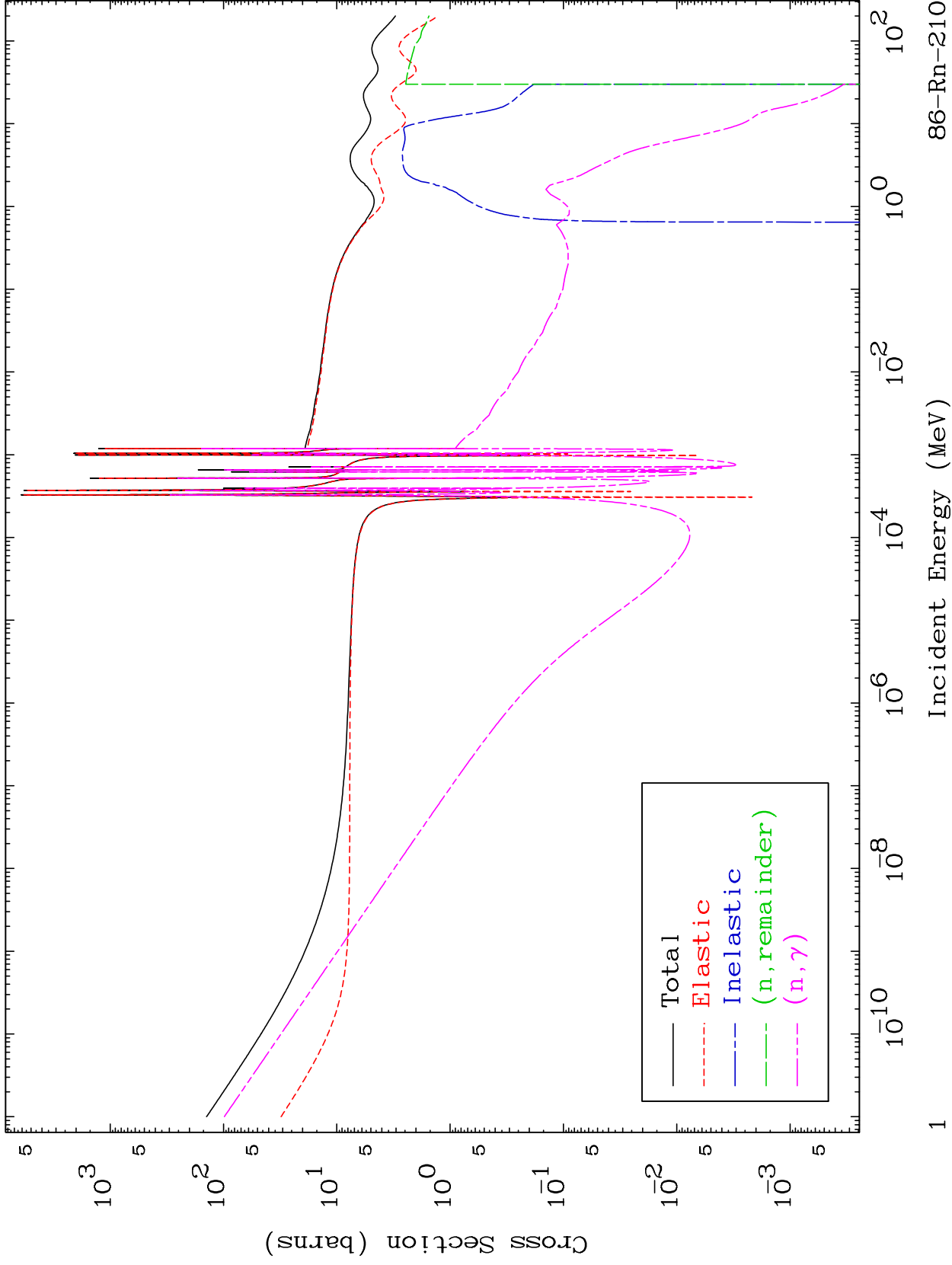
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8622

Major
293 Kelvin Cross Sections

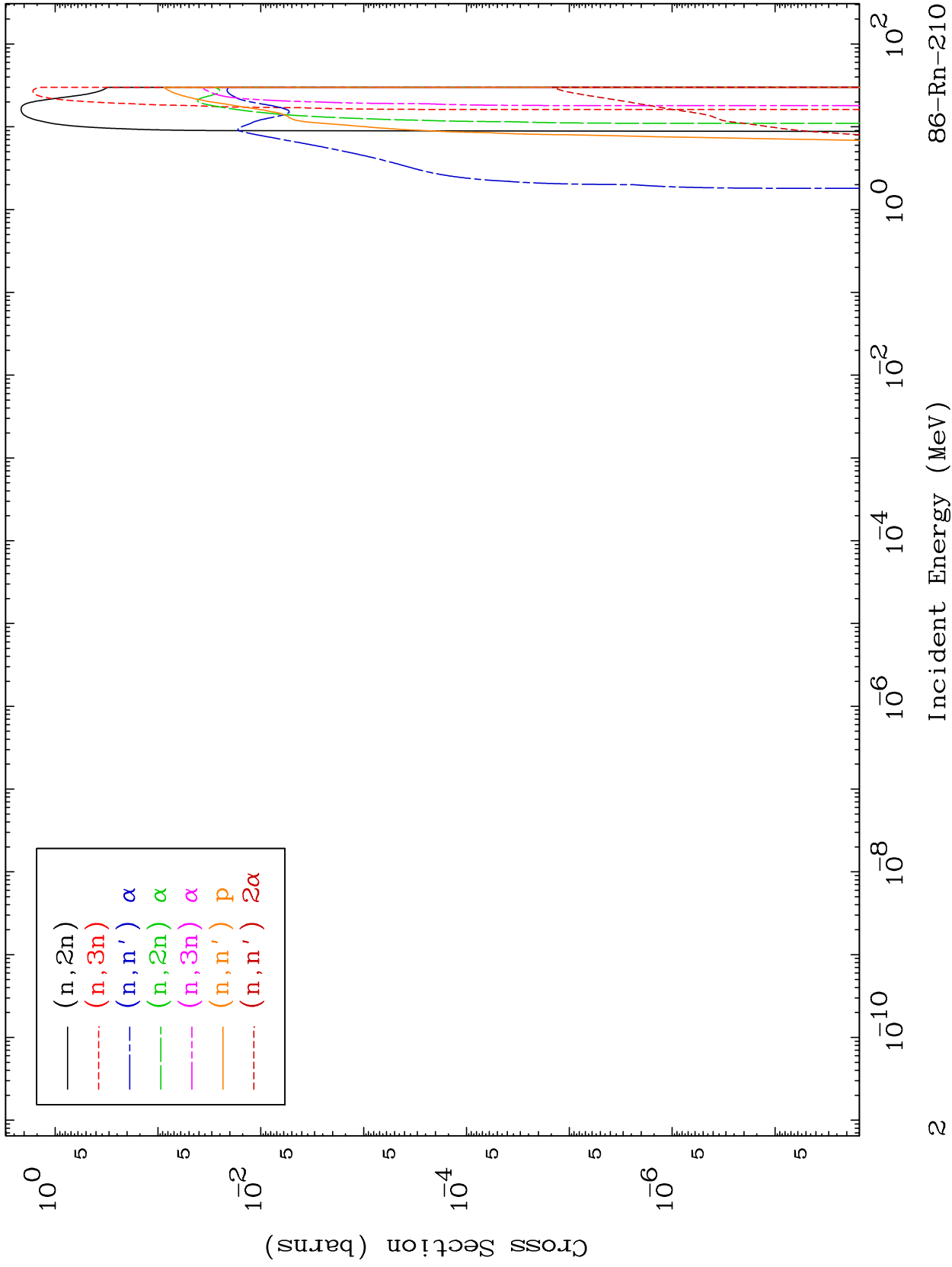
86-Rn-210



MAT 8622

Neutron Production
293 Kelvin Cross Sections

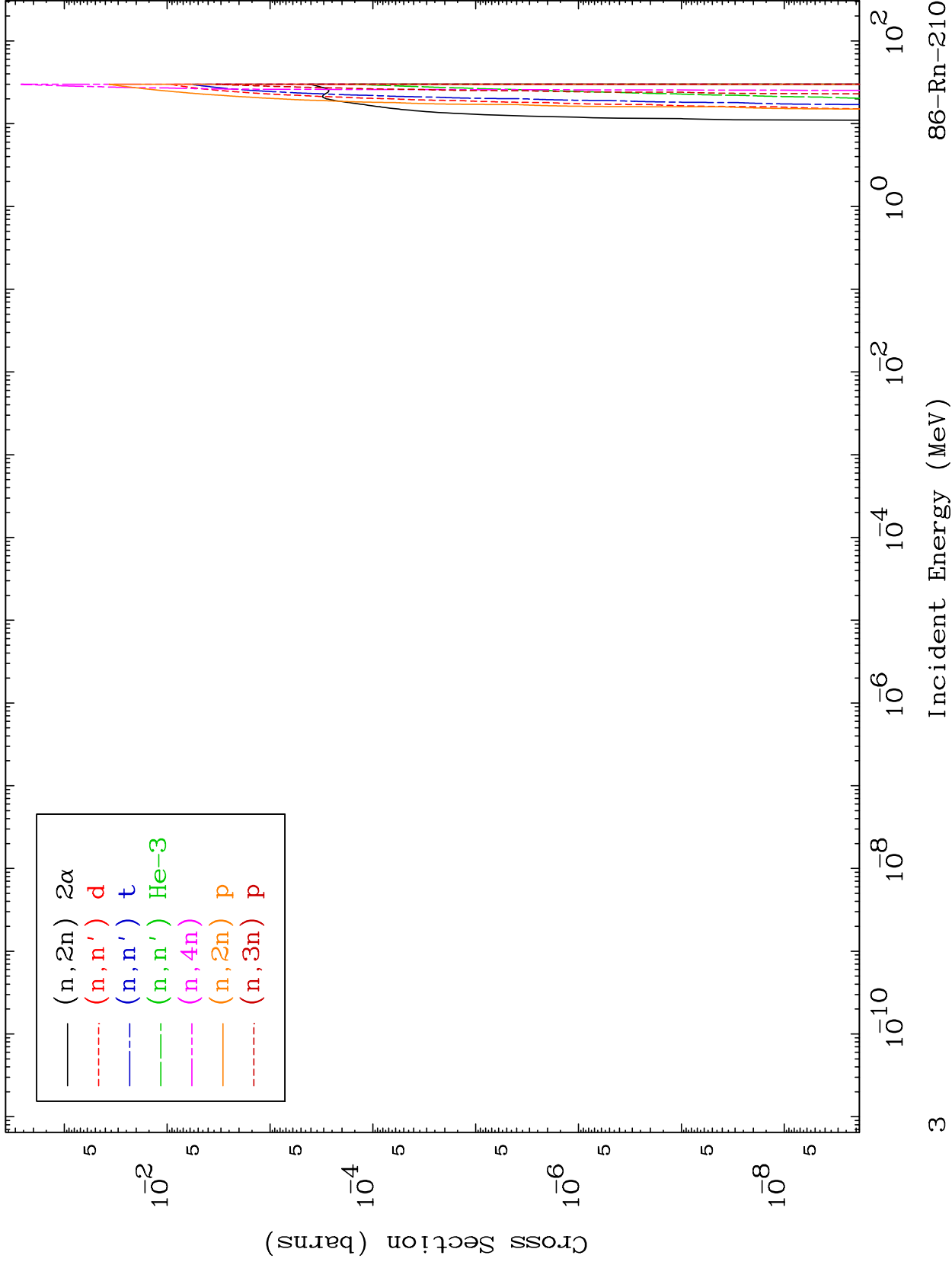
86-Rn-210



MAT 8622

Neutron Production
293 Kelvin Cross Sections

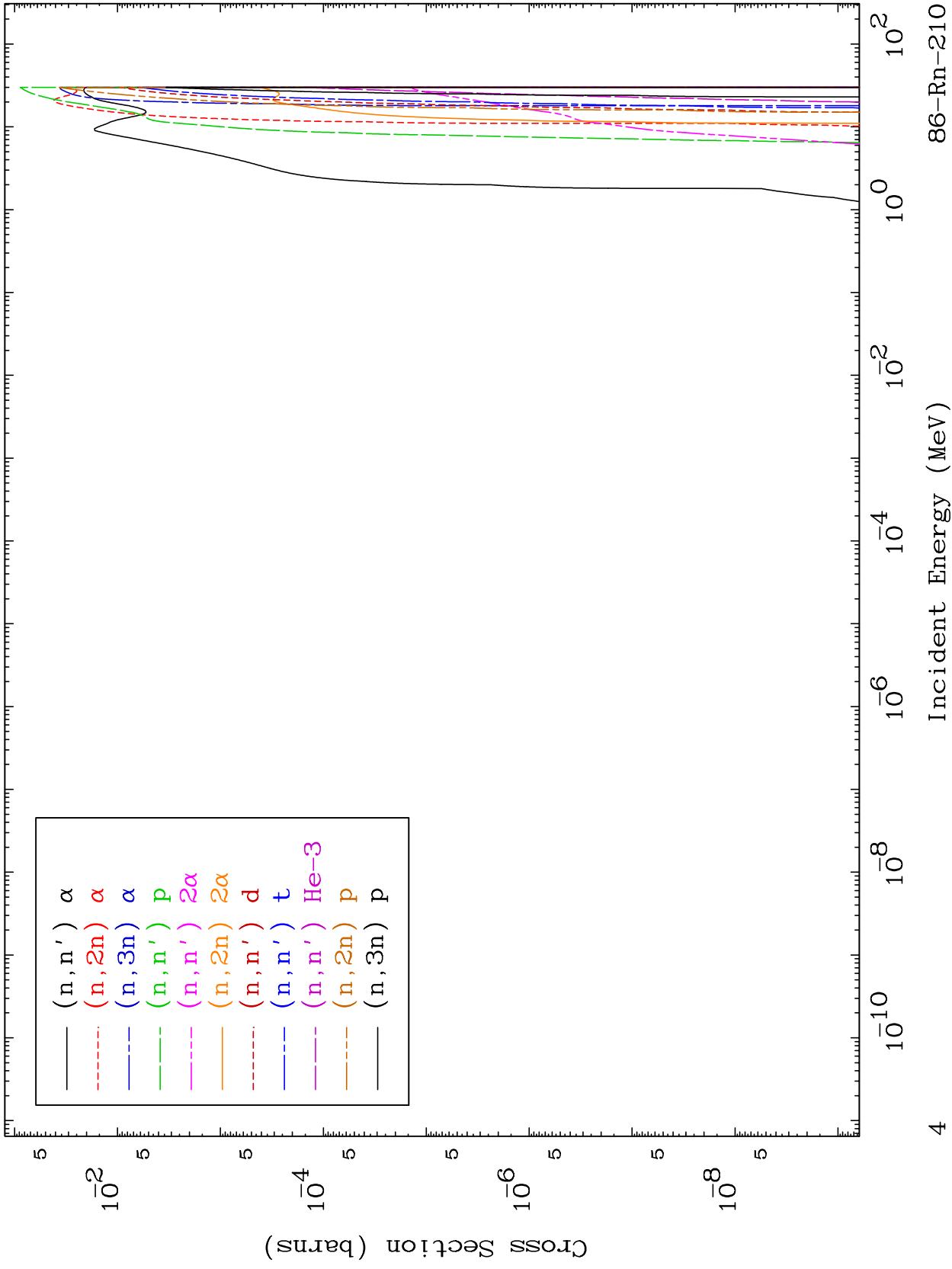
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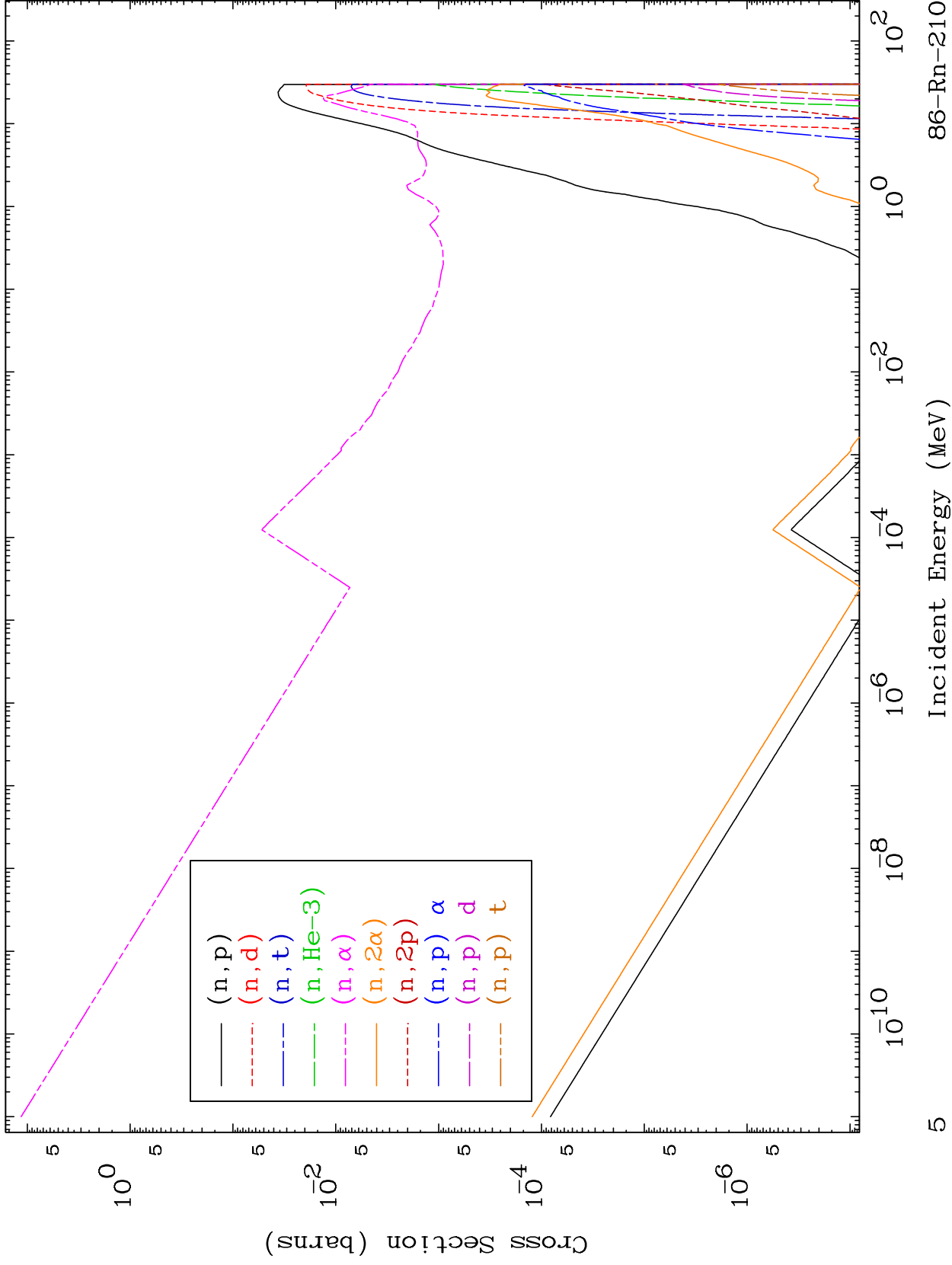


MAT 8622

Charged Particle
293 Kelvin Cross Sections

86-Rn-210

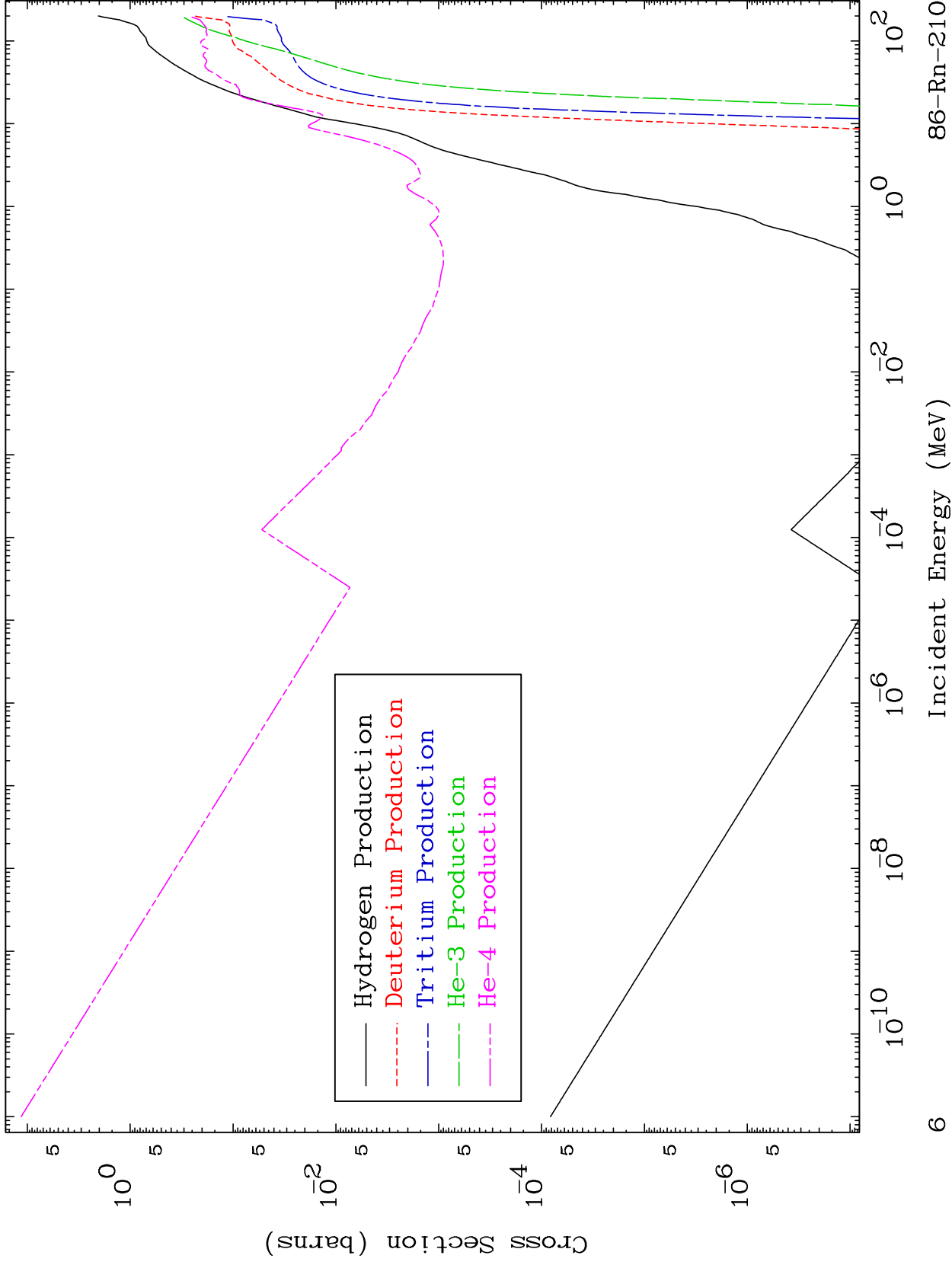




MAT 8622

Particle Production
293 Kelvin Cross Sections

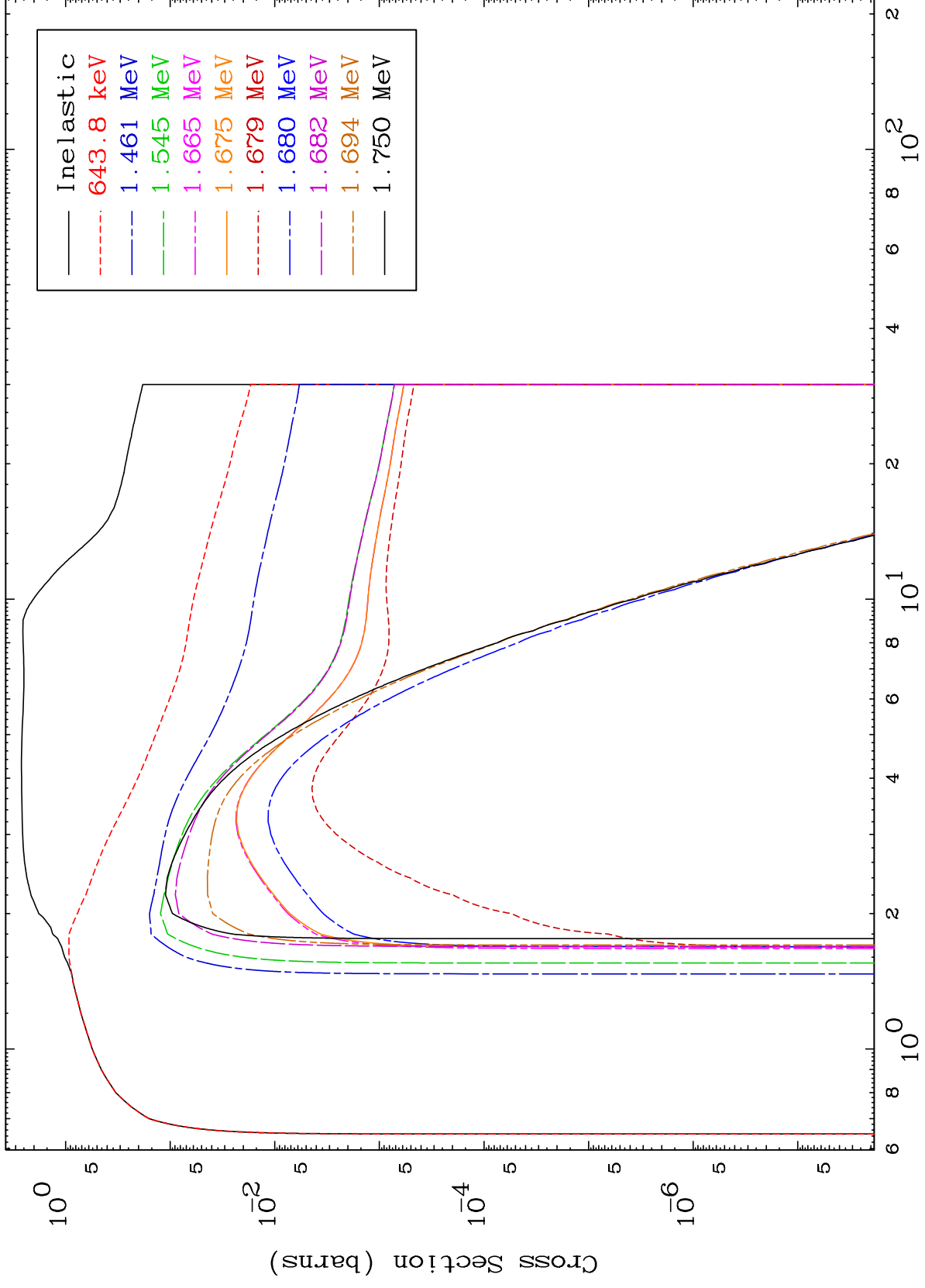
86-Rn-210



MAT 8622

(n,n') Level
293 Kelvin Cross Sections

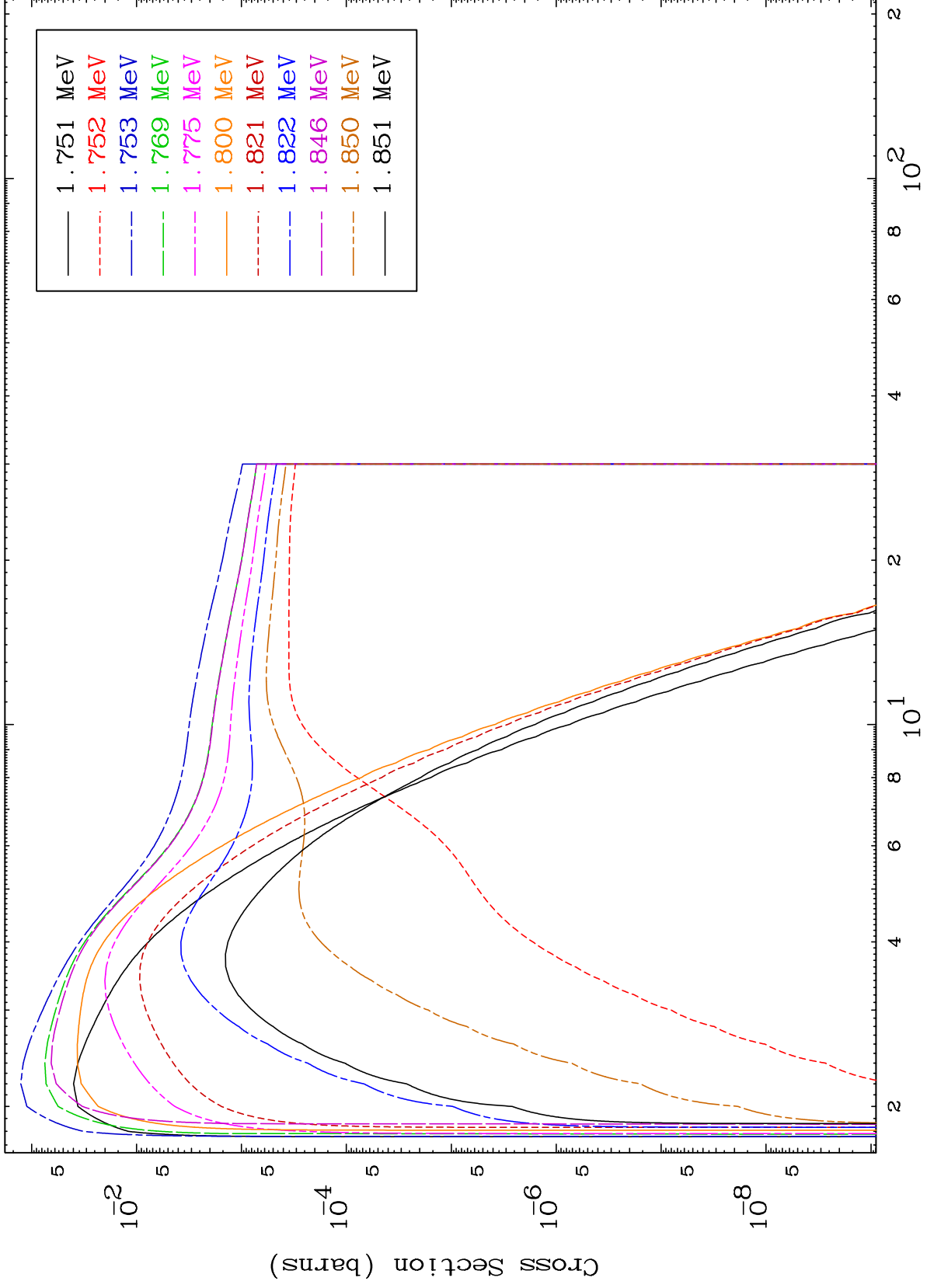
86-Rn-210



MAT 8622

(n,n') Level
293 Kelvin Cross Sections

86-Rn-210



8

Incident Energy (MeV)

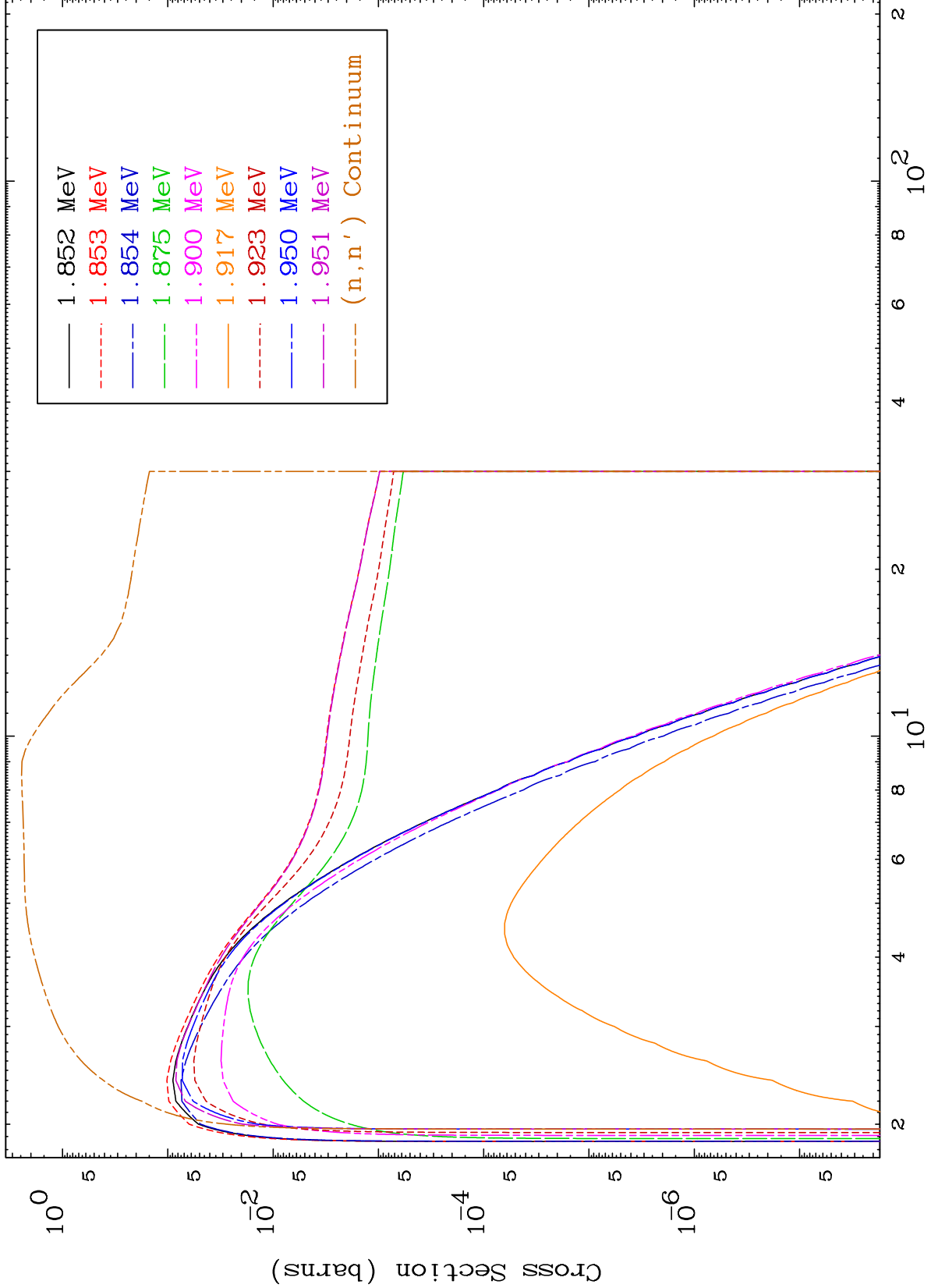
86-Rn-210

MAT 8622

(n,n') Level

86-Rn-210

293 Kelvin Cross Sections



9

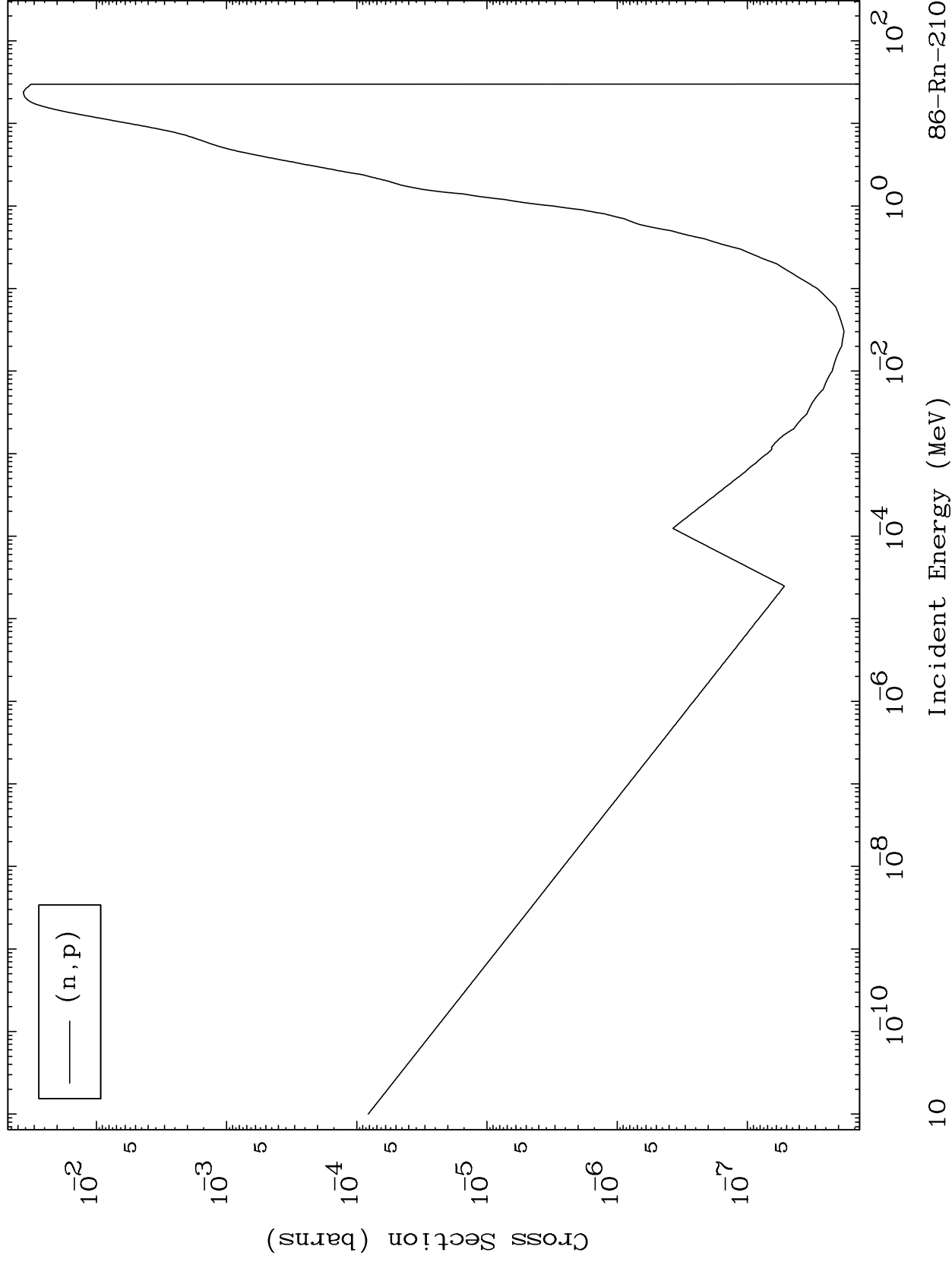
Incident Energy (MeV)

86-Rn-210

MAT 8622

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-210



10

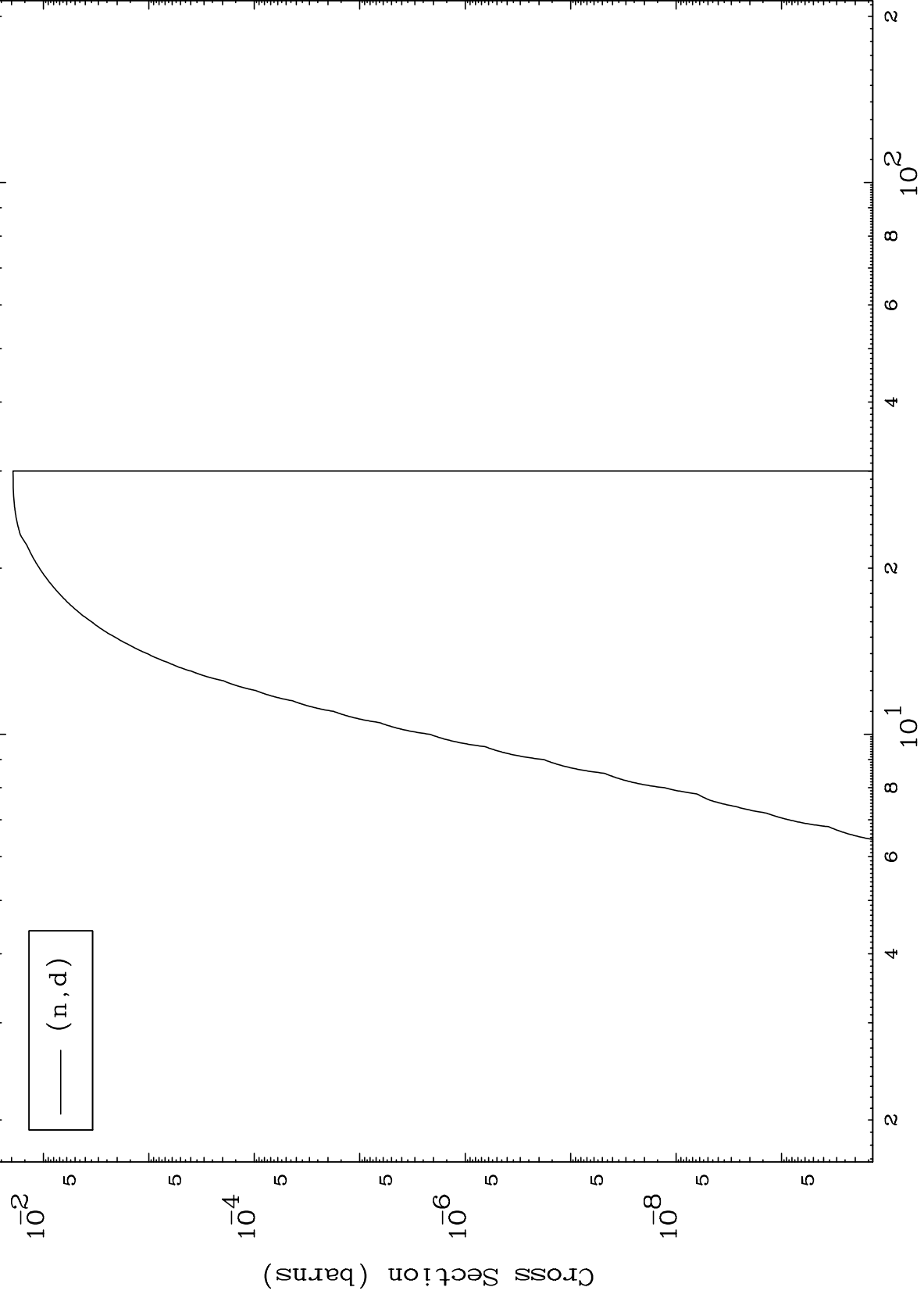
Incident Energy (MeV)

86-Rn-210

MAT 8622

(n,d) Levels
293 Kelvin Cross Sections

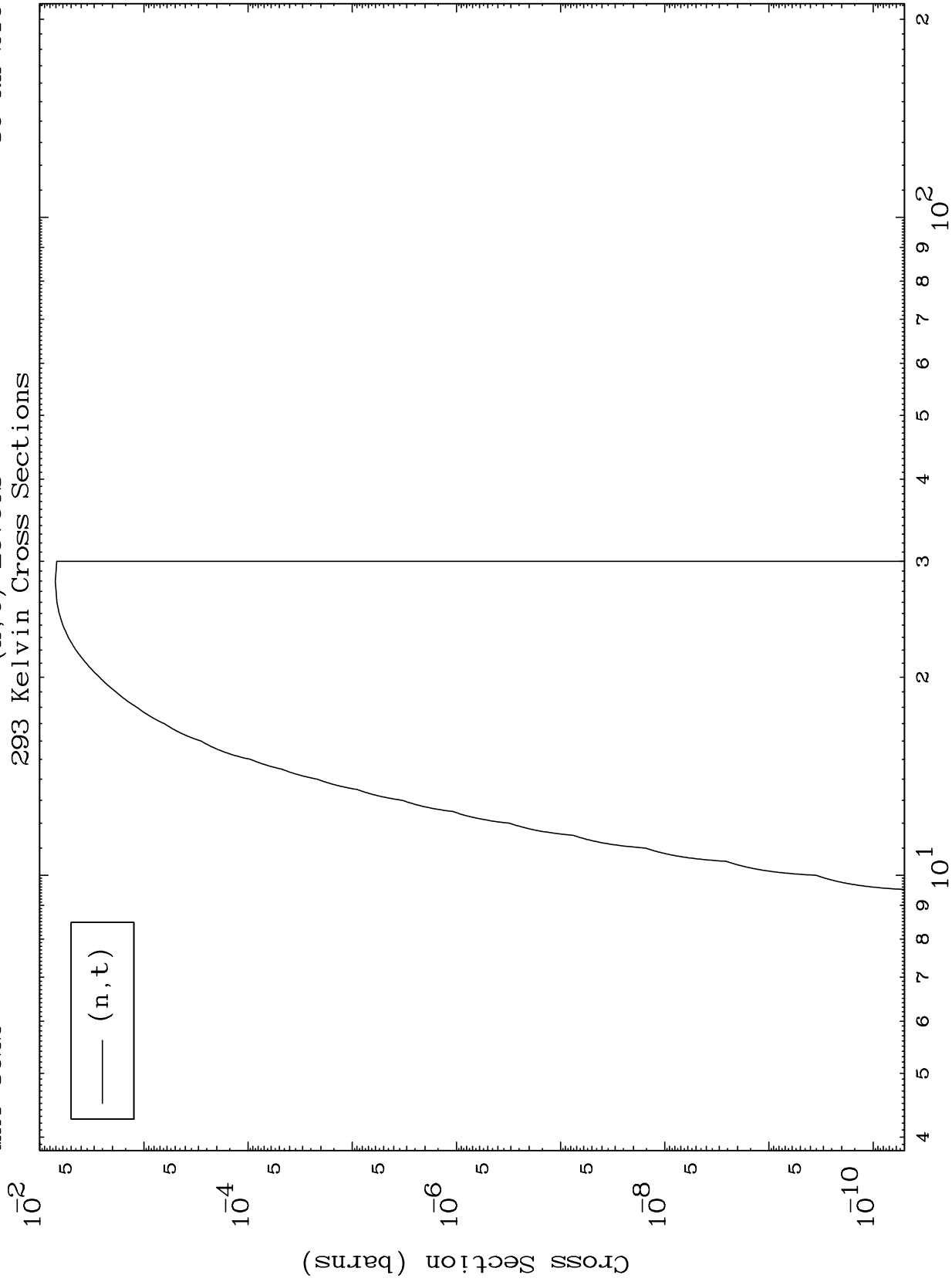
86-Rn-210



MAT 8622

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-210



12

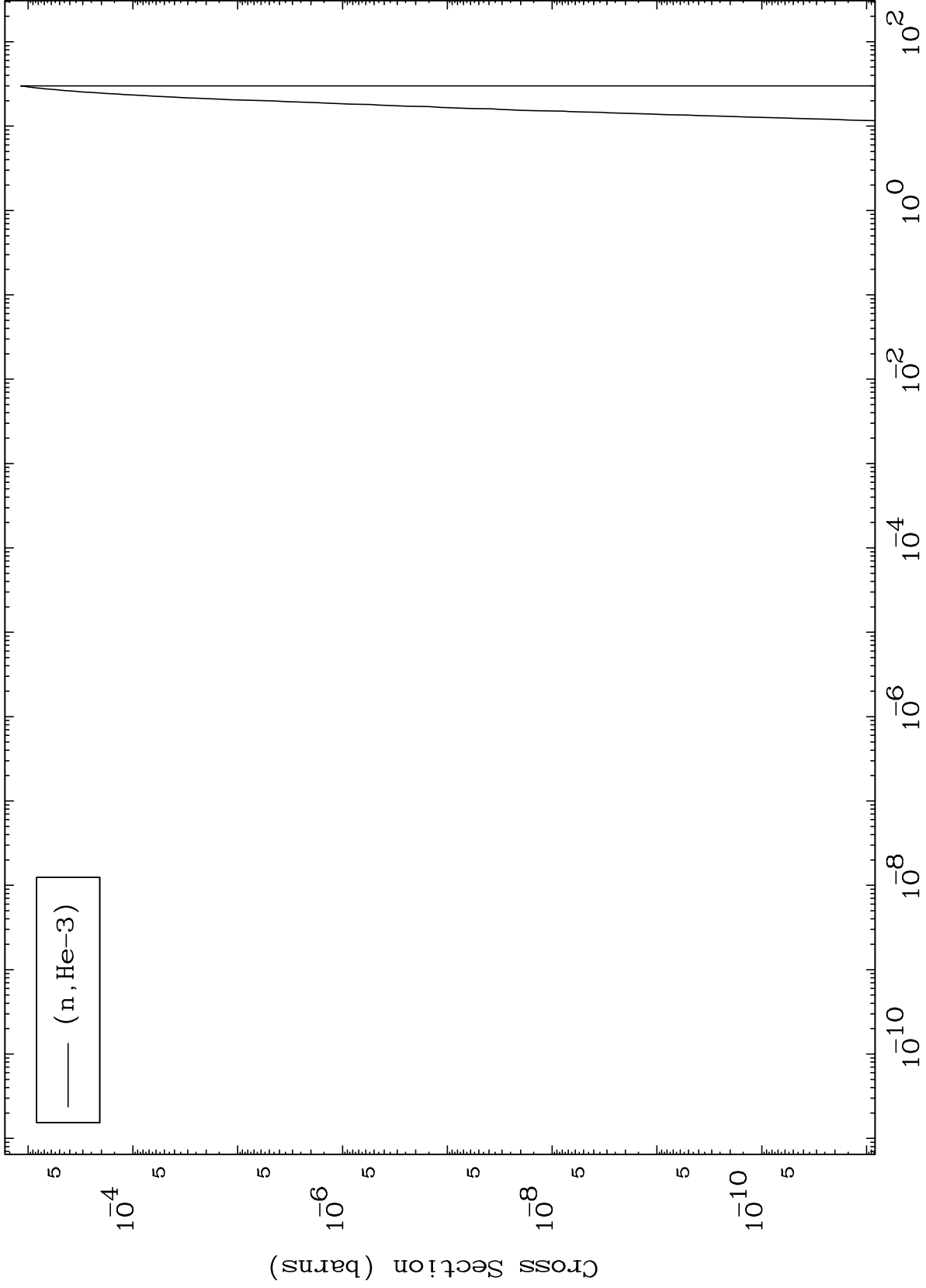
Incident Energy (MeV)

86-Rn-210

MAT 8622

(n,He3) Levels
293 Kelvin Cross Sections

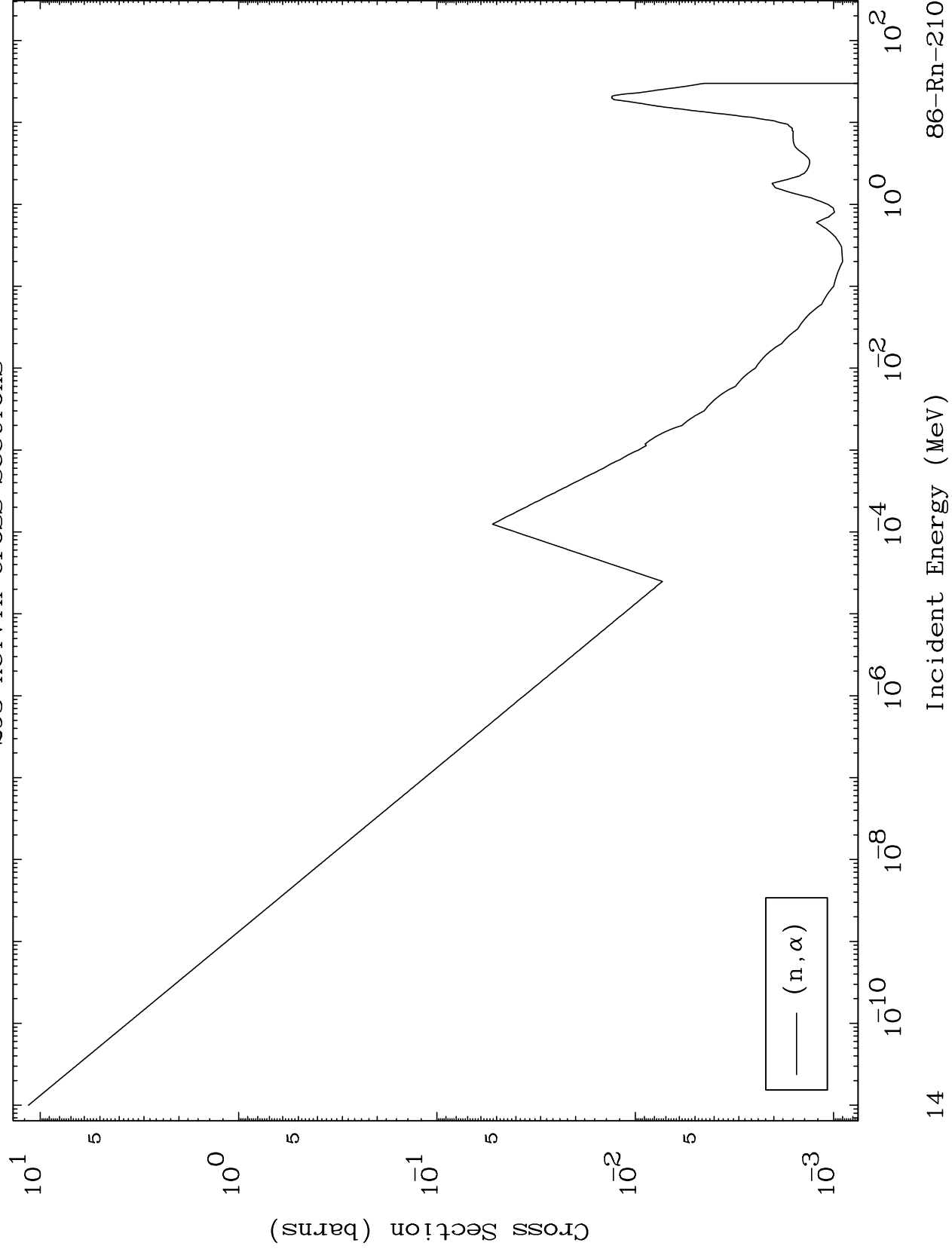
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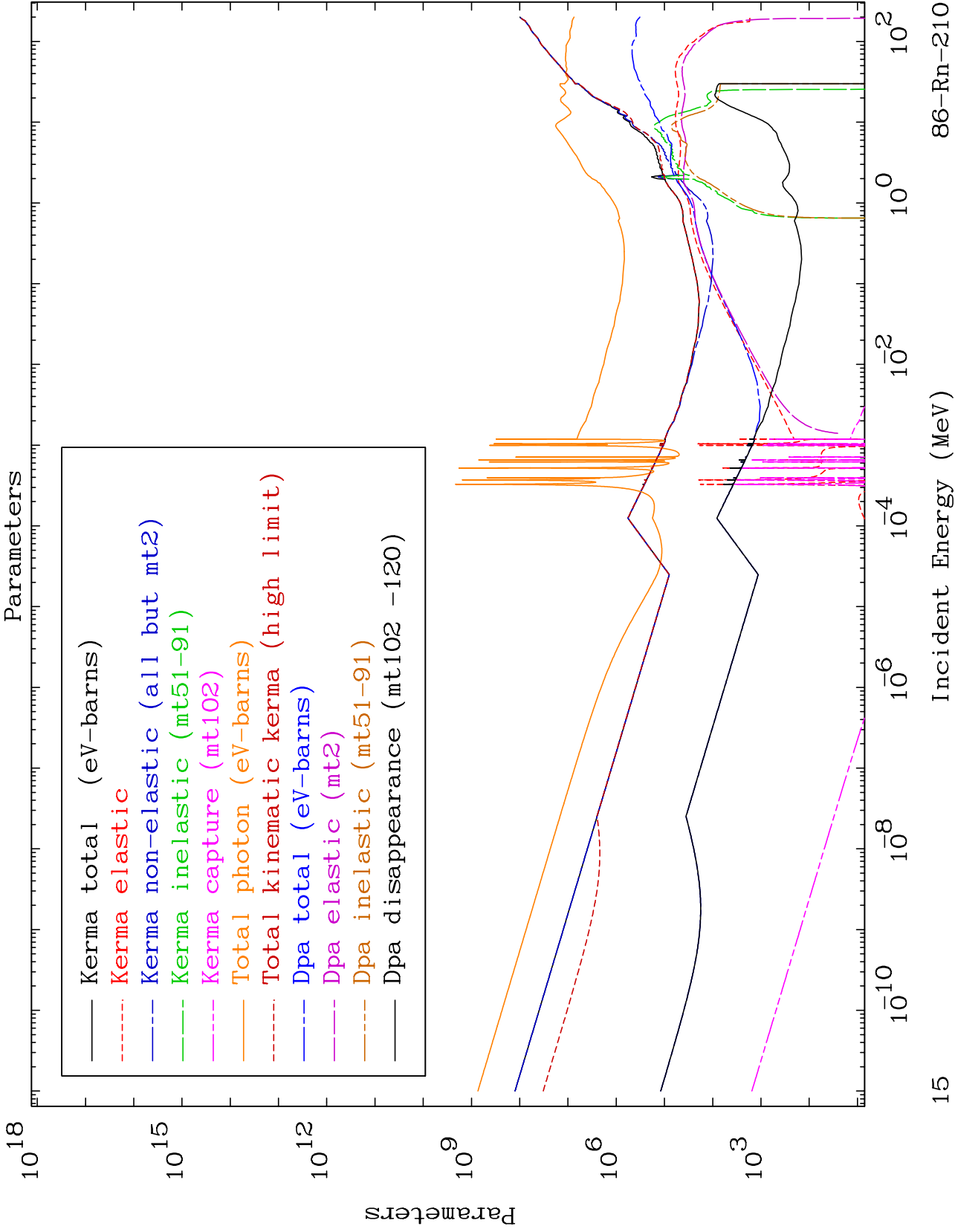


MAT 86222

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-210

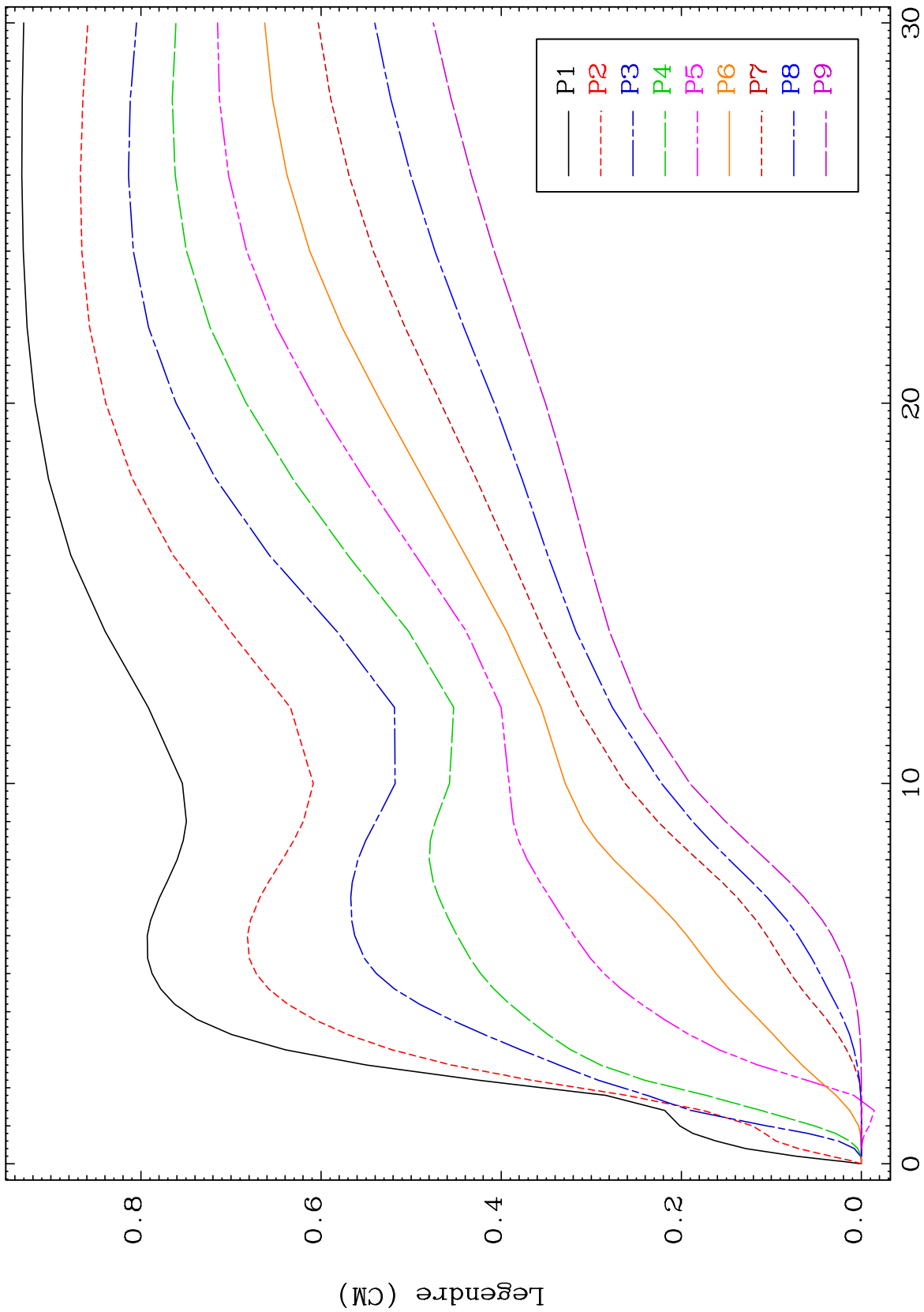




MAT 8622

86-Rn-210

Elastic Legendre Coefficients



86-Rn-210

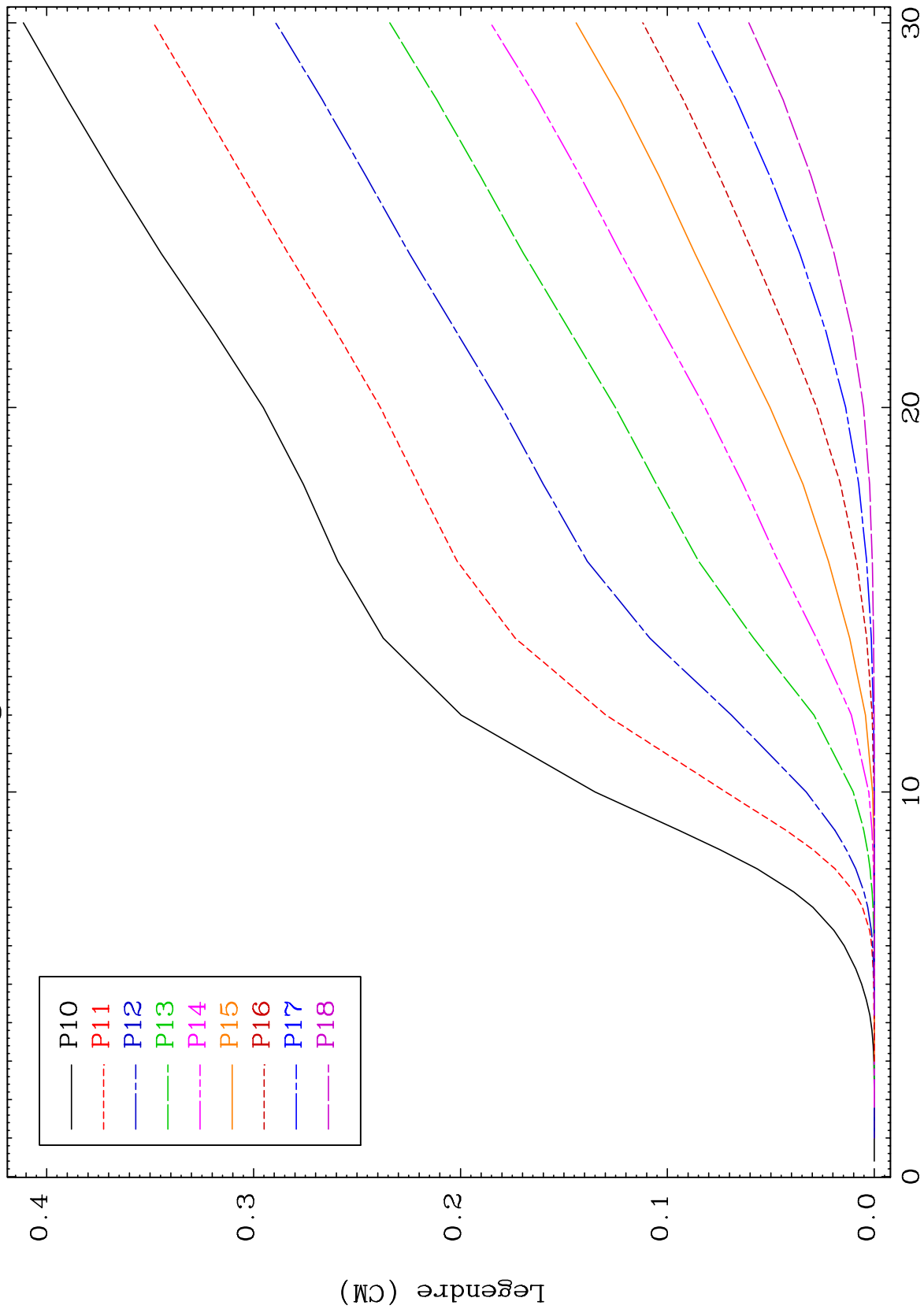
Incident Energy (MeV)

16

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



17

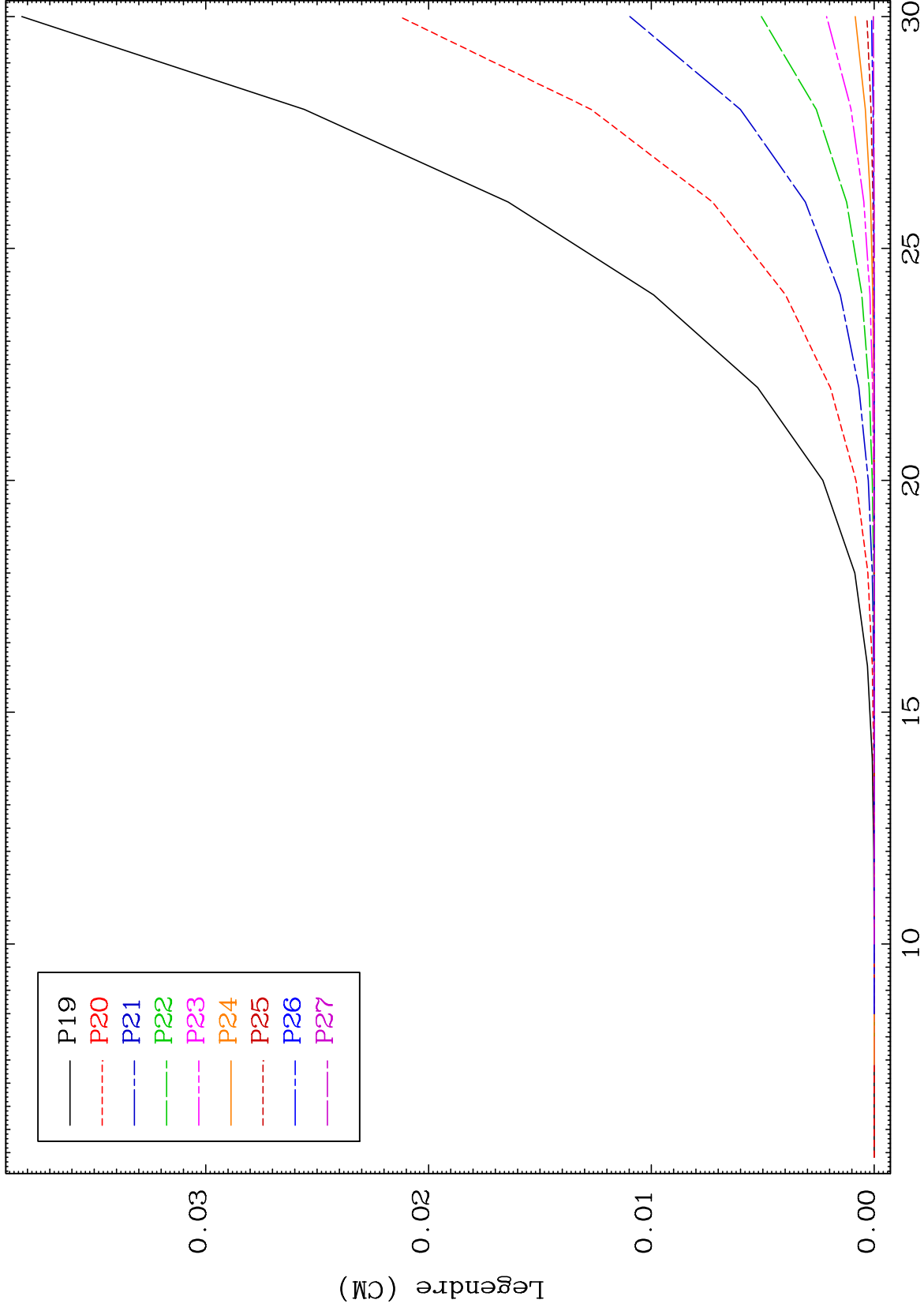
Incident Energy (MeV)

86-Rn-210

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



18

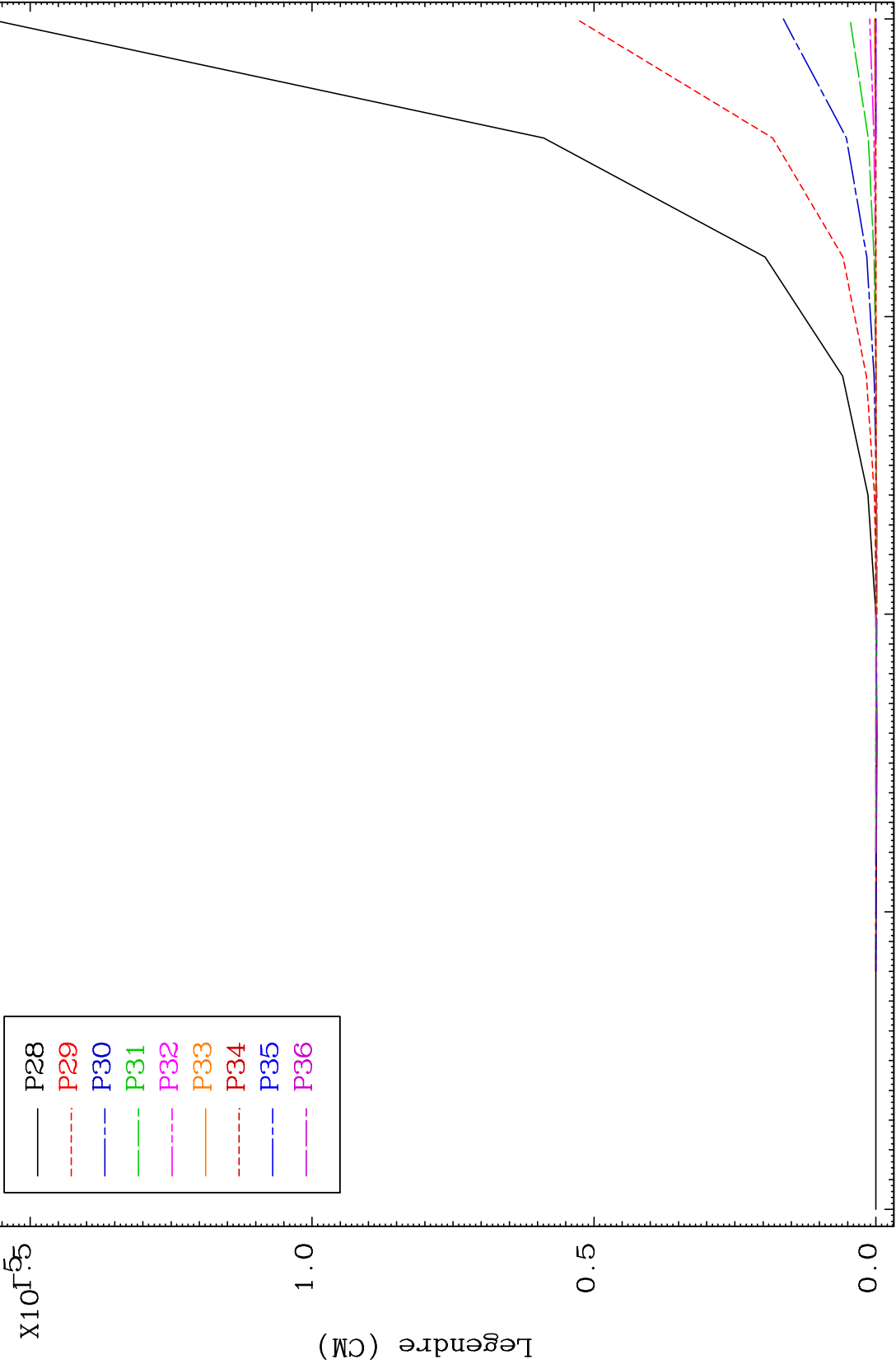
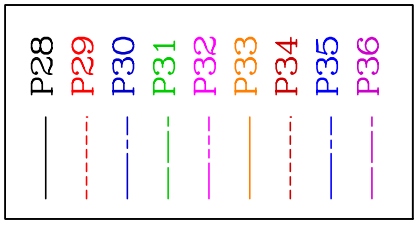
Incident Energy (MeV)

86-Rn-210

MAT 86222

Elastic Legendre Coefficients

86-Rn-210



19

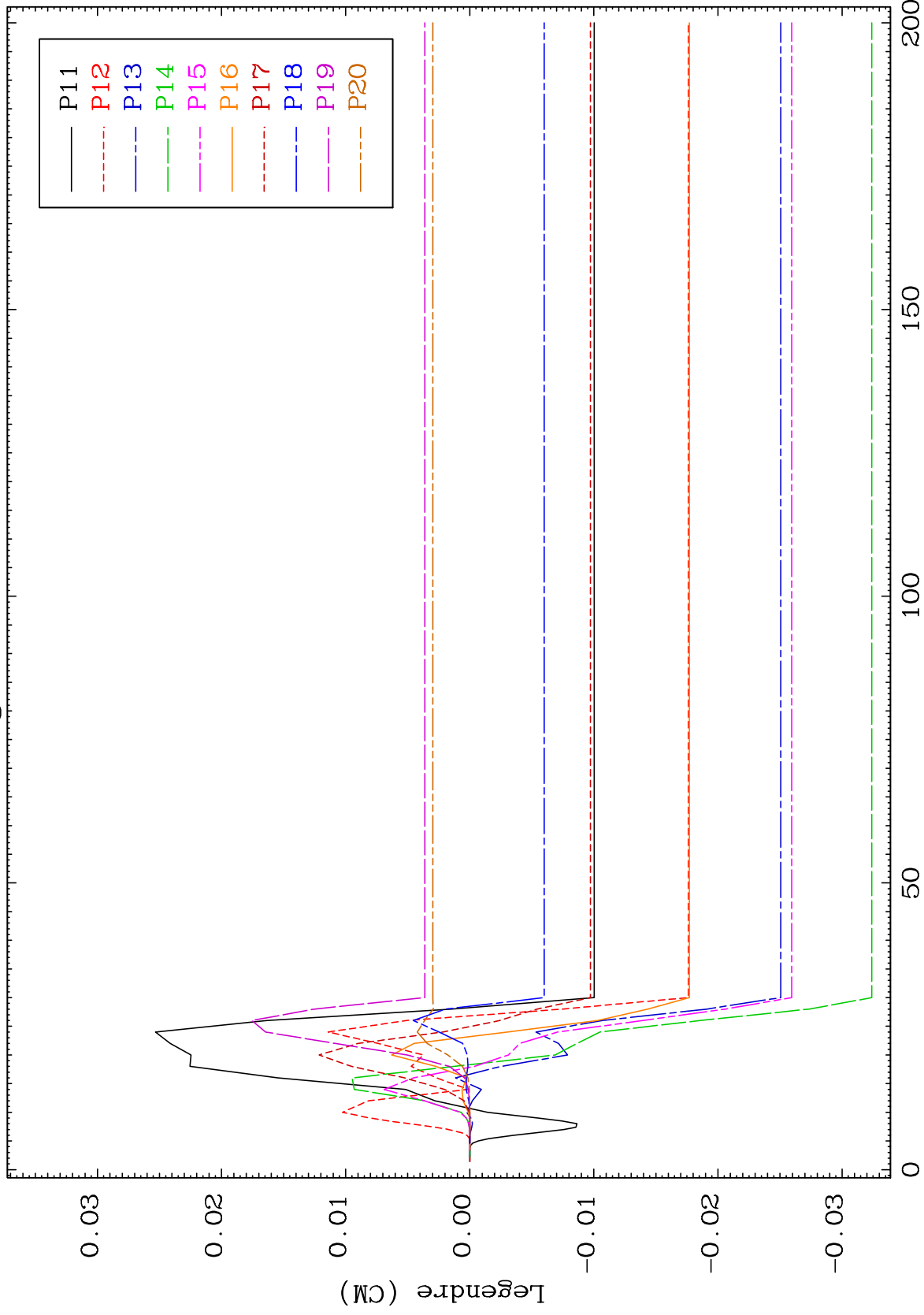
86-Rn-210

86-Rn-210

MAT 8622

643.8 keV (n,n') Level
Legendre Coefficients

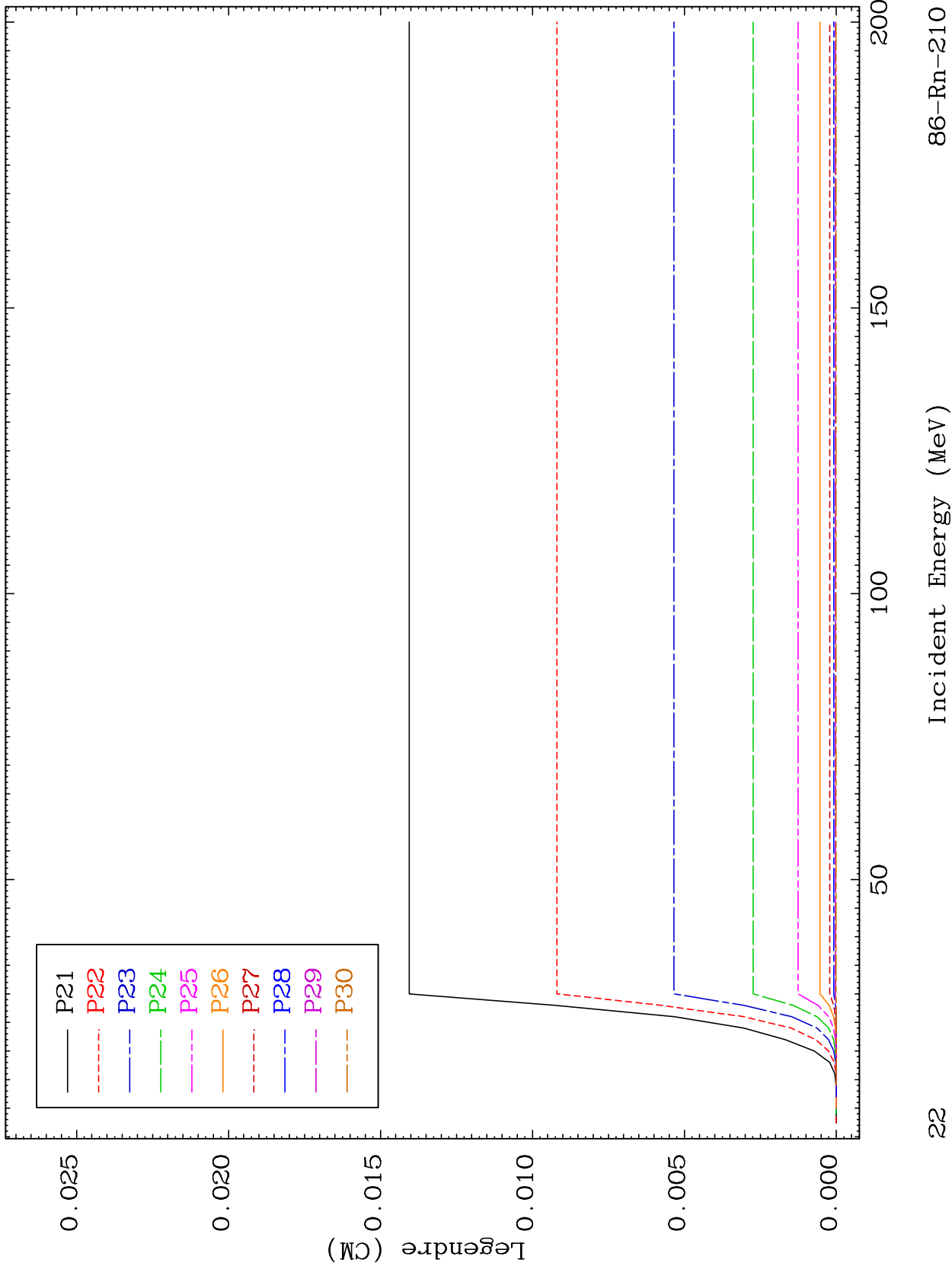
86-Rn-210



21

Incident Energy (MeV)

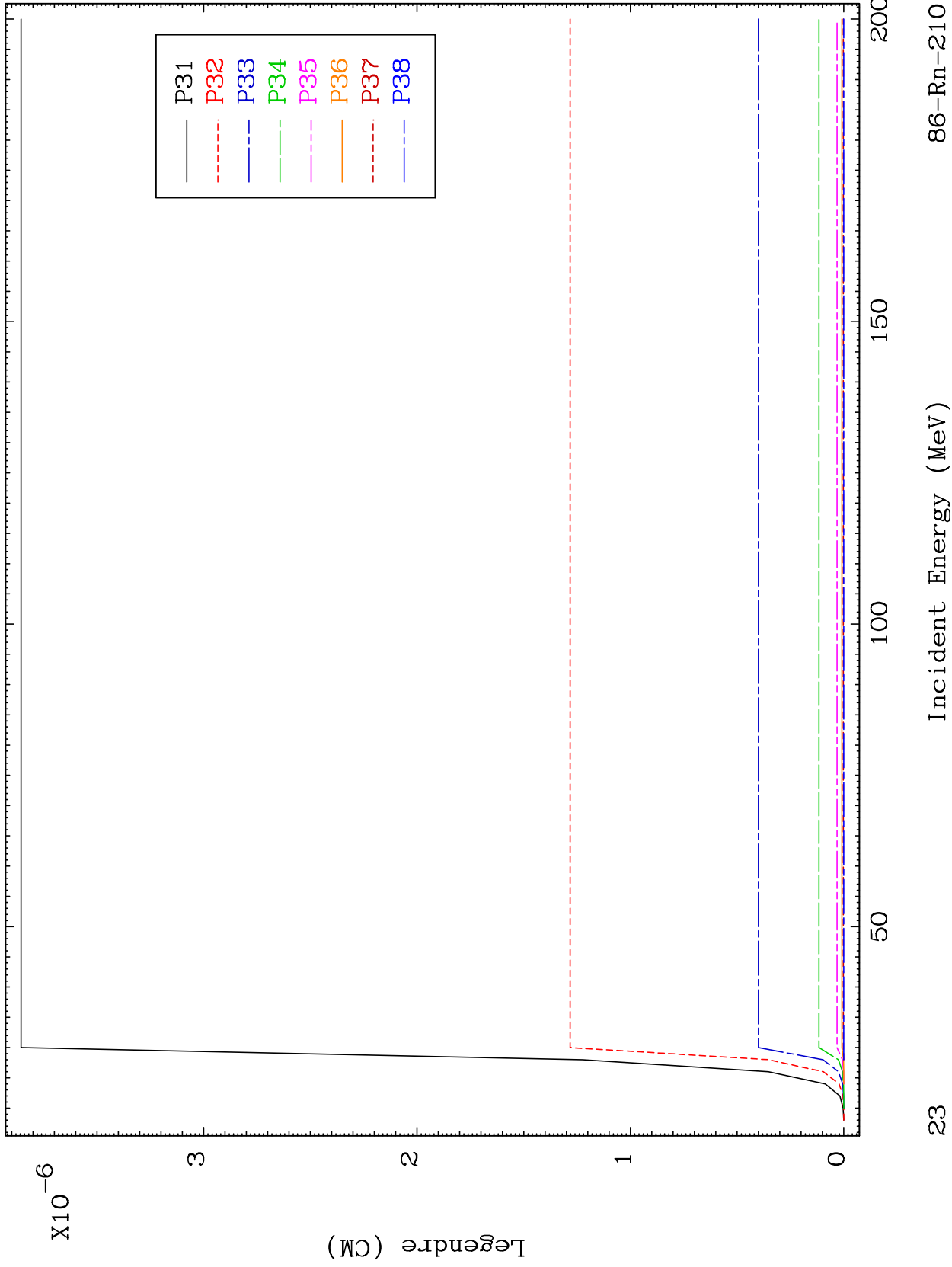
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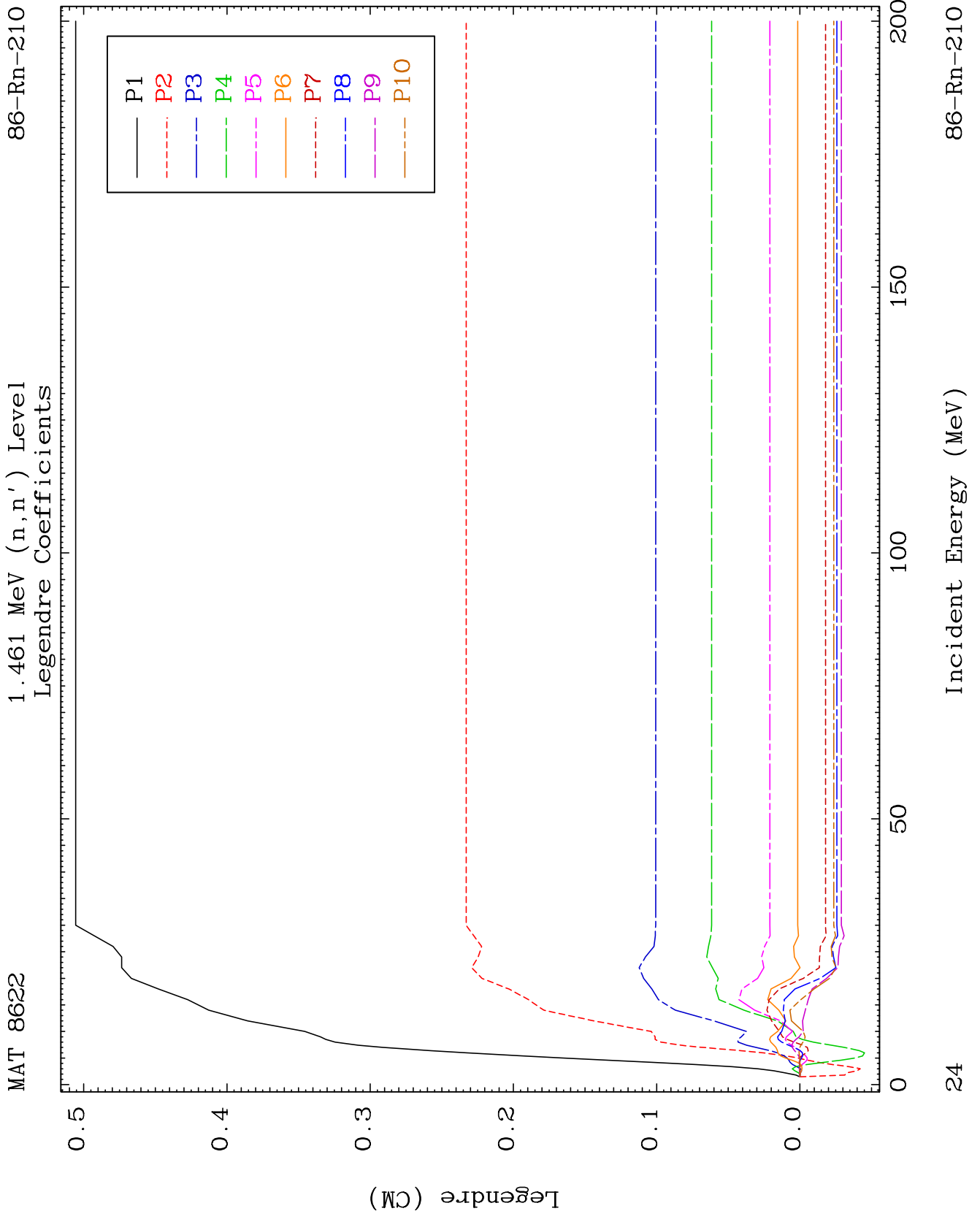
MAT 86222

643.8 keV (n,n') Level
Legendre Coefficients

86-Rn-210



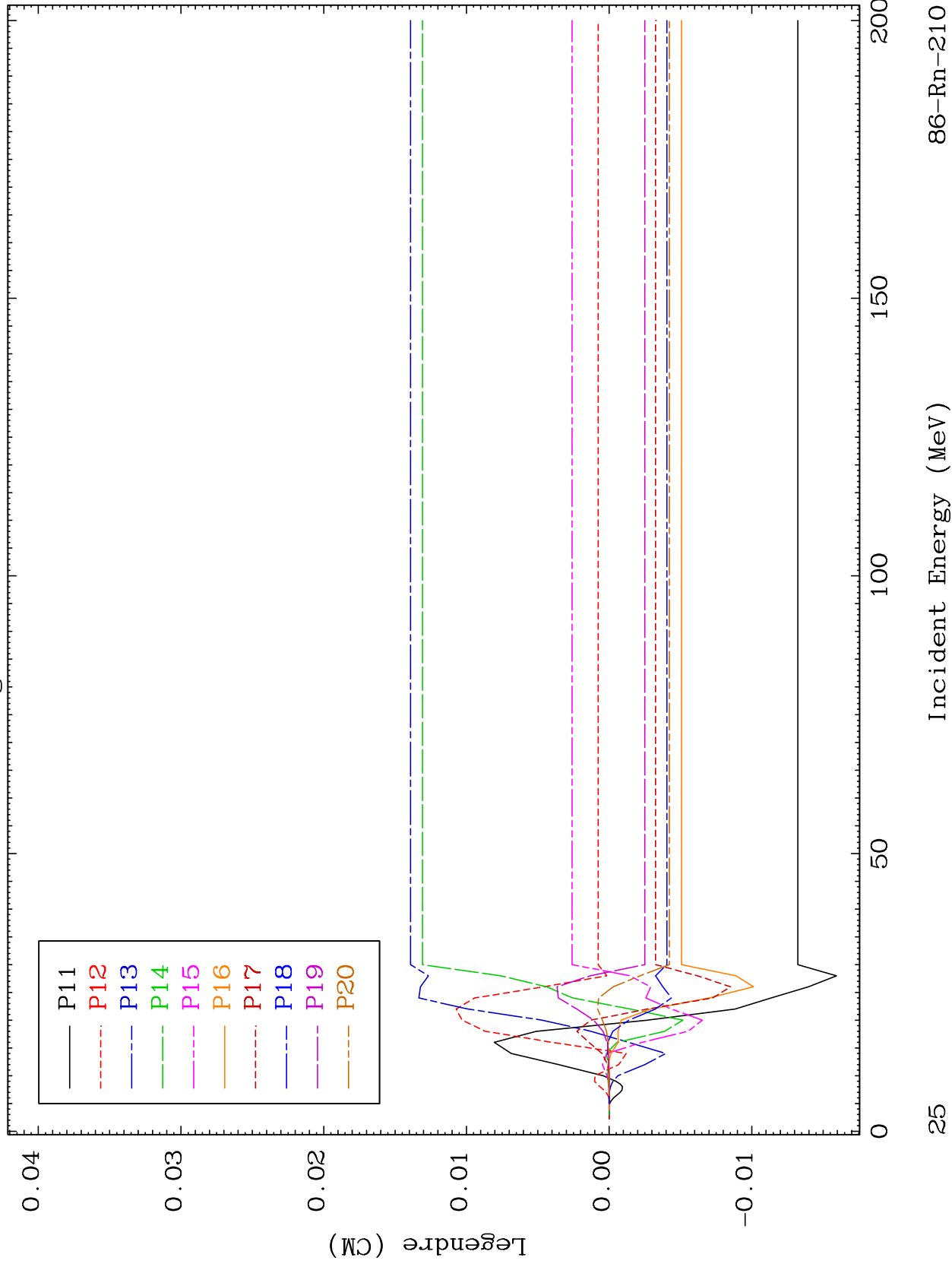
23



MAT 8622

1.461 MeV (n,n') Level
Legendre Coefficients

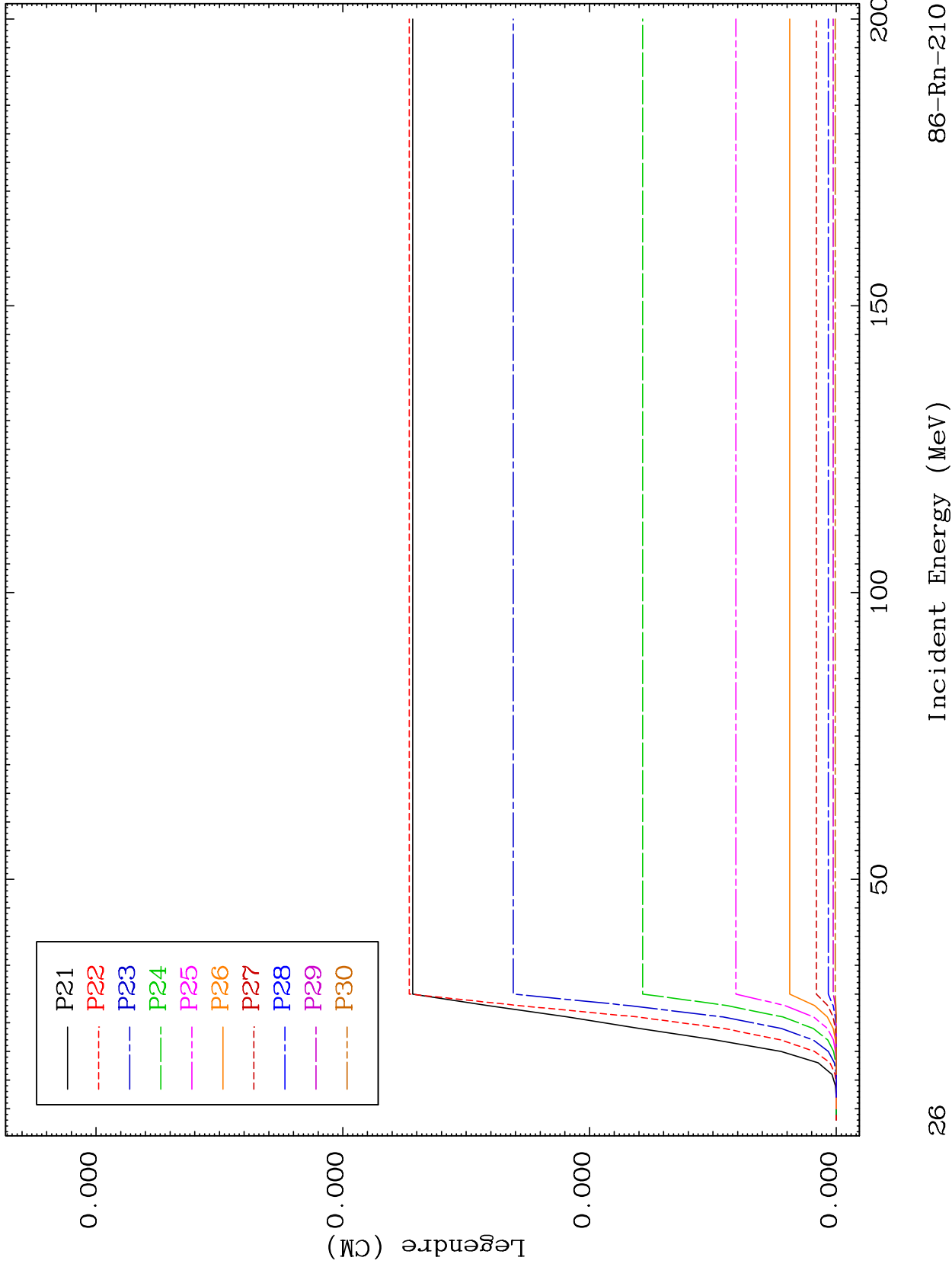
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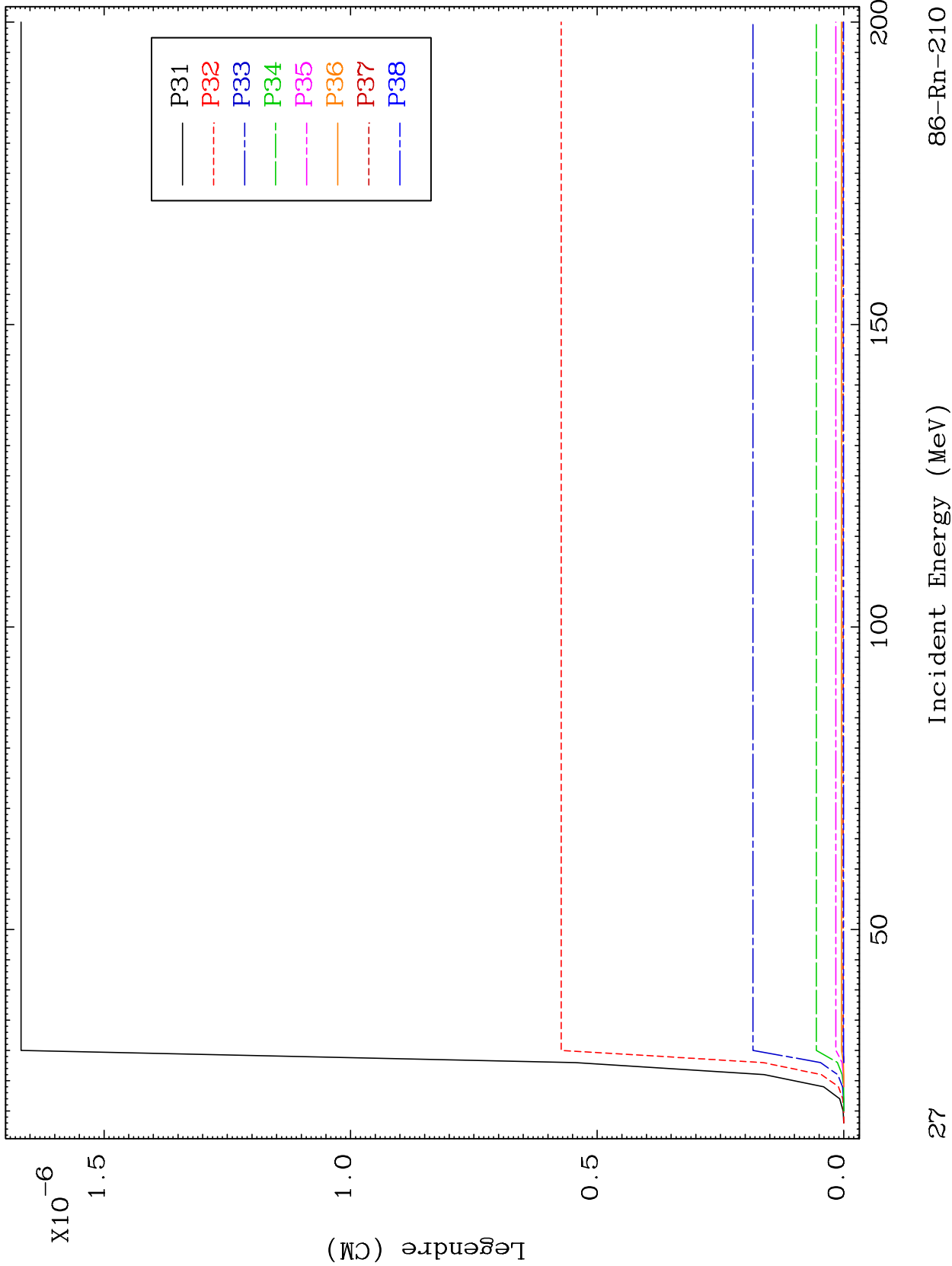


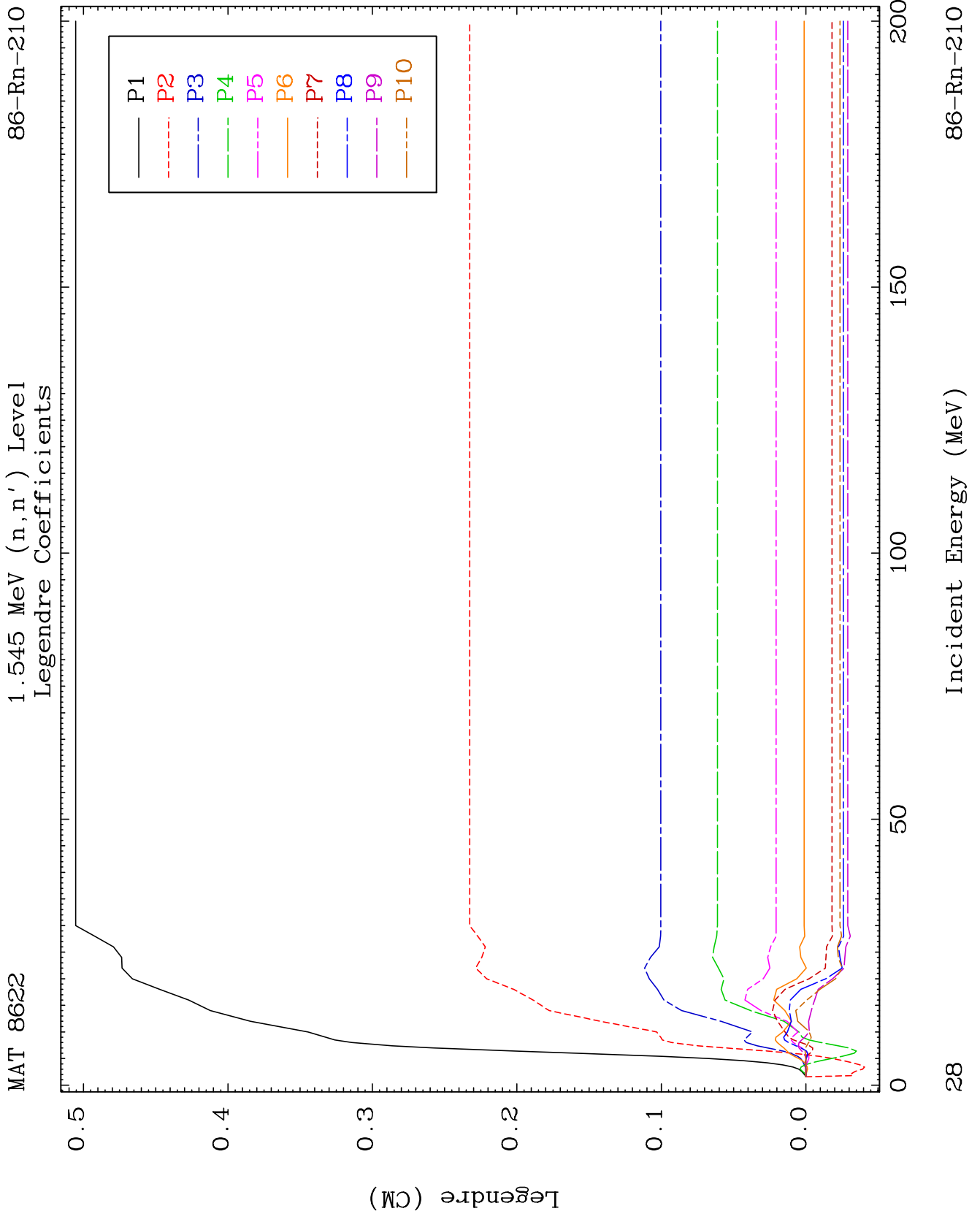
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Incident Energy (MeV)

86-Rn-210



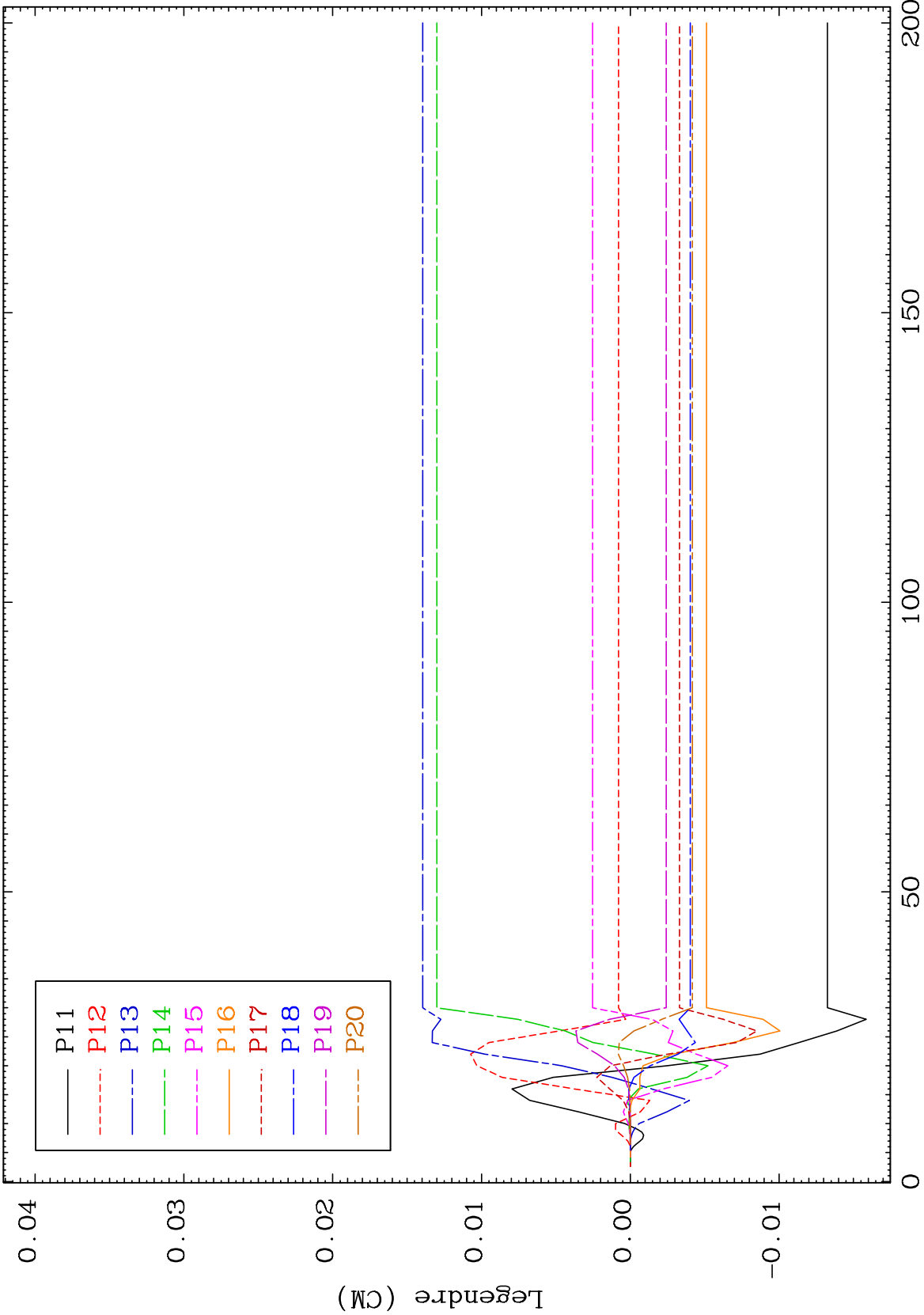




MAT 8622

1.545 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



29

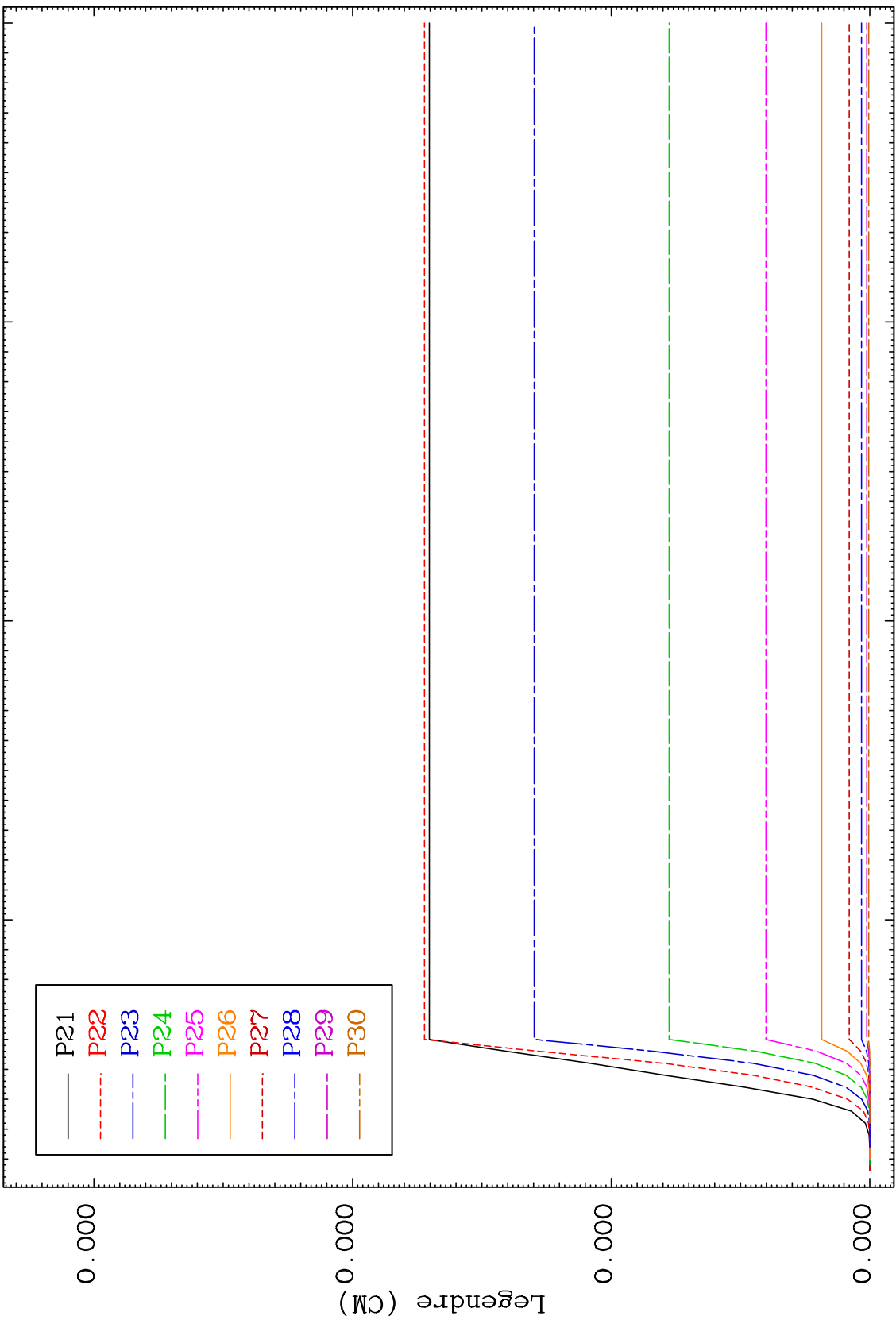
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.545 MeV (n, n') Level
Legendre Coefficients

86-Rn-210



30

Incident Energy (MeV)

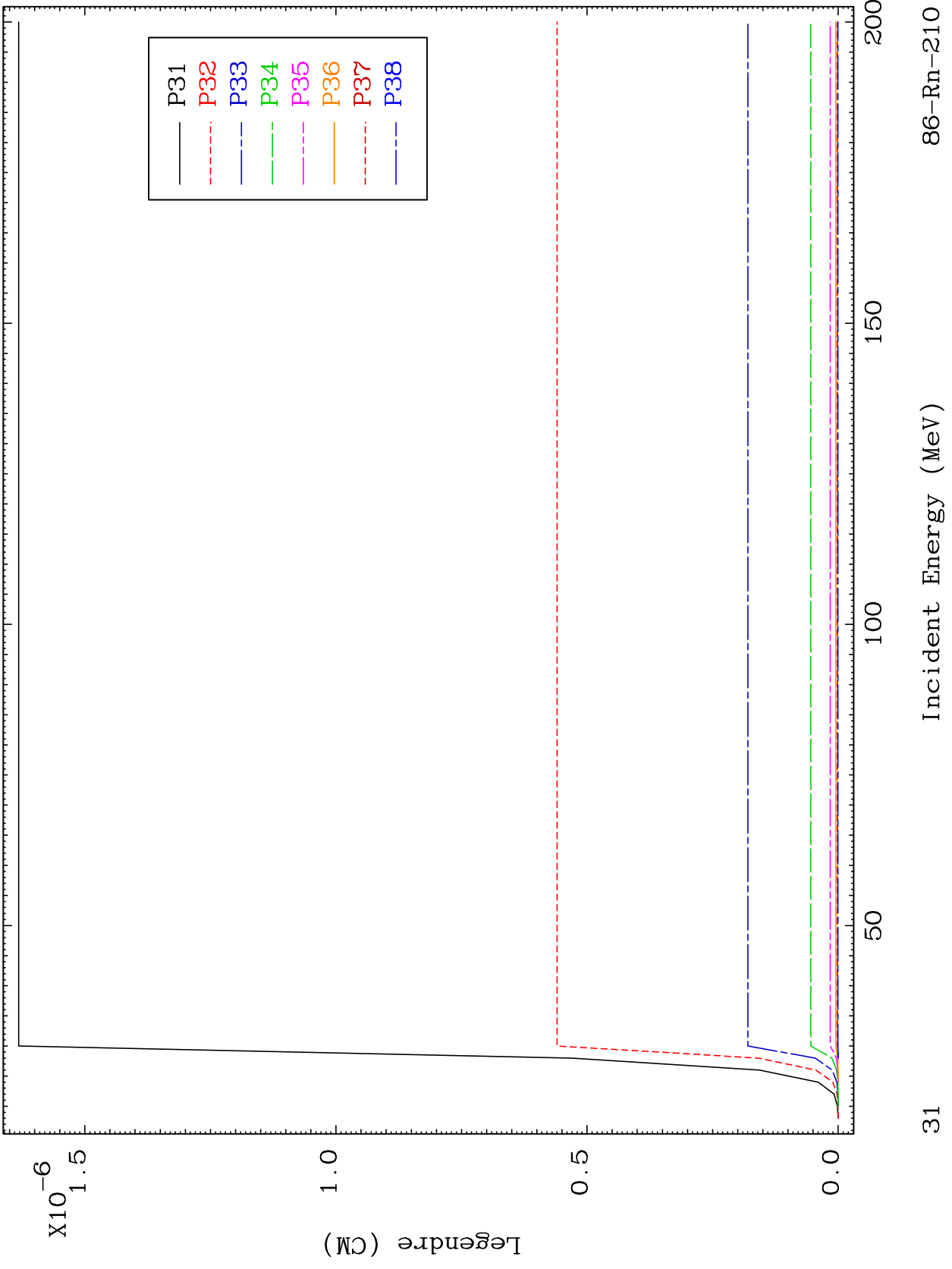
50

100

150

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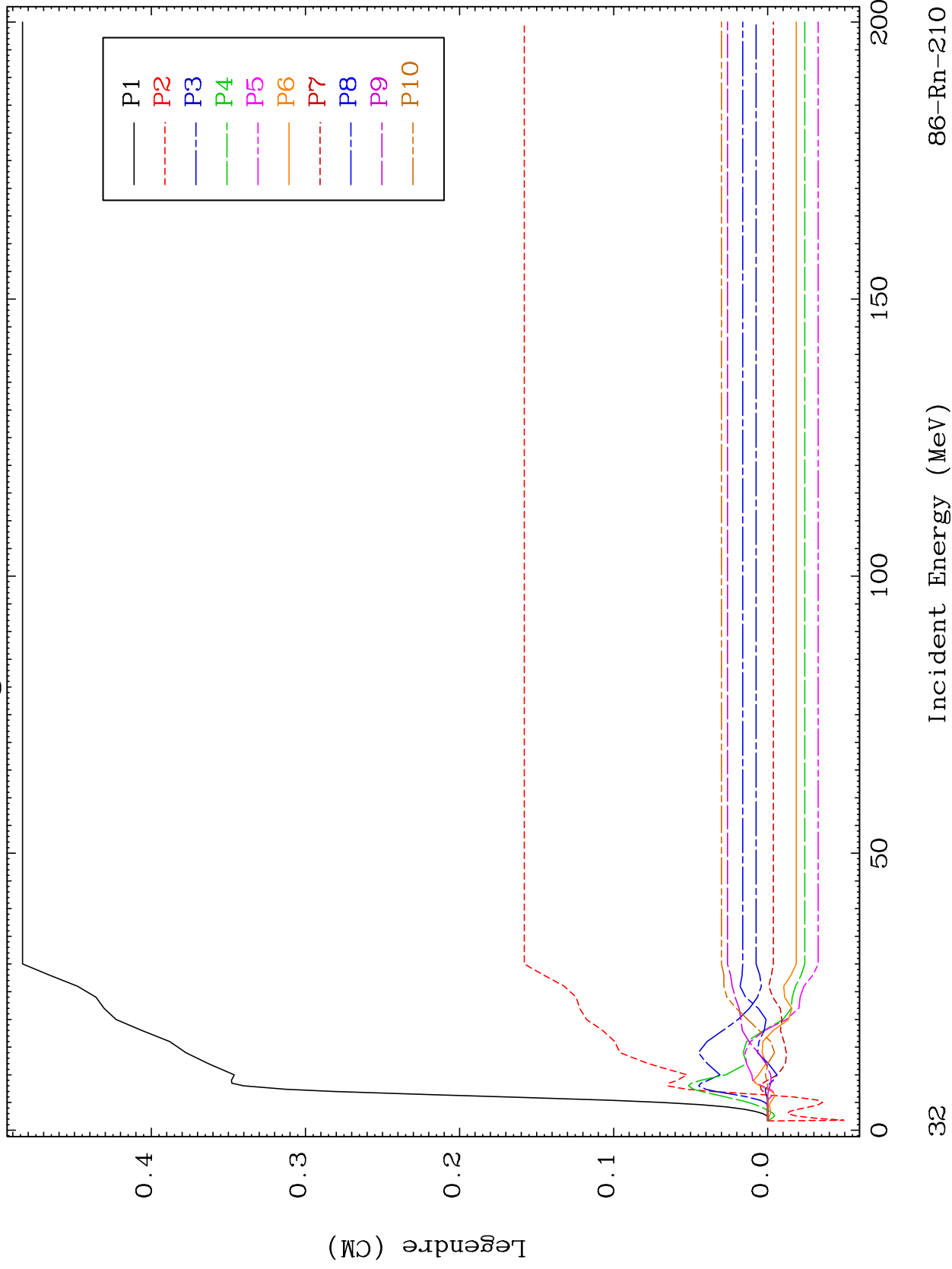
86-Rn-210



MAT 8622

1.665 MeV (n,n') Level
Legendre Coefficients

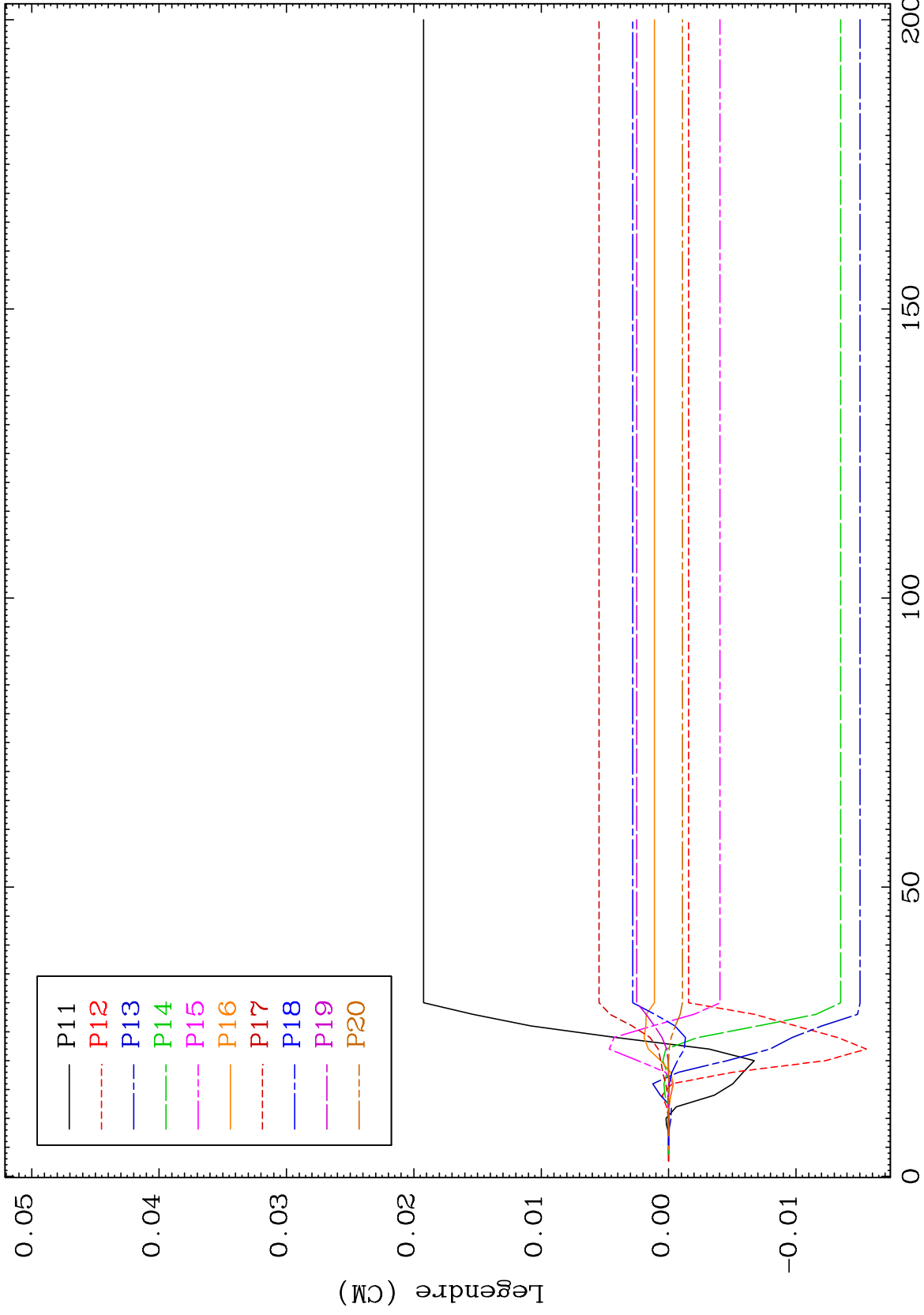
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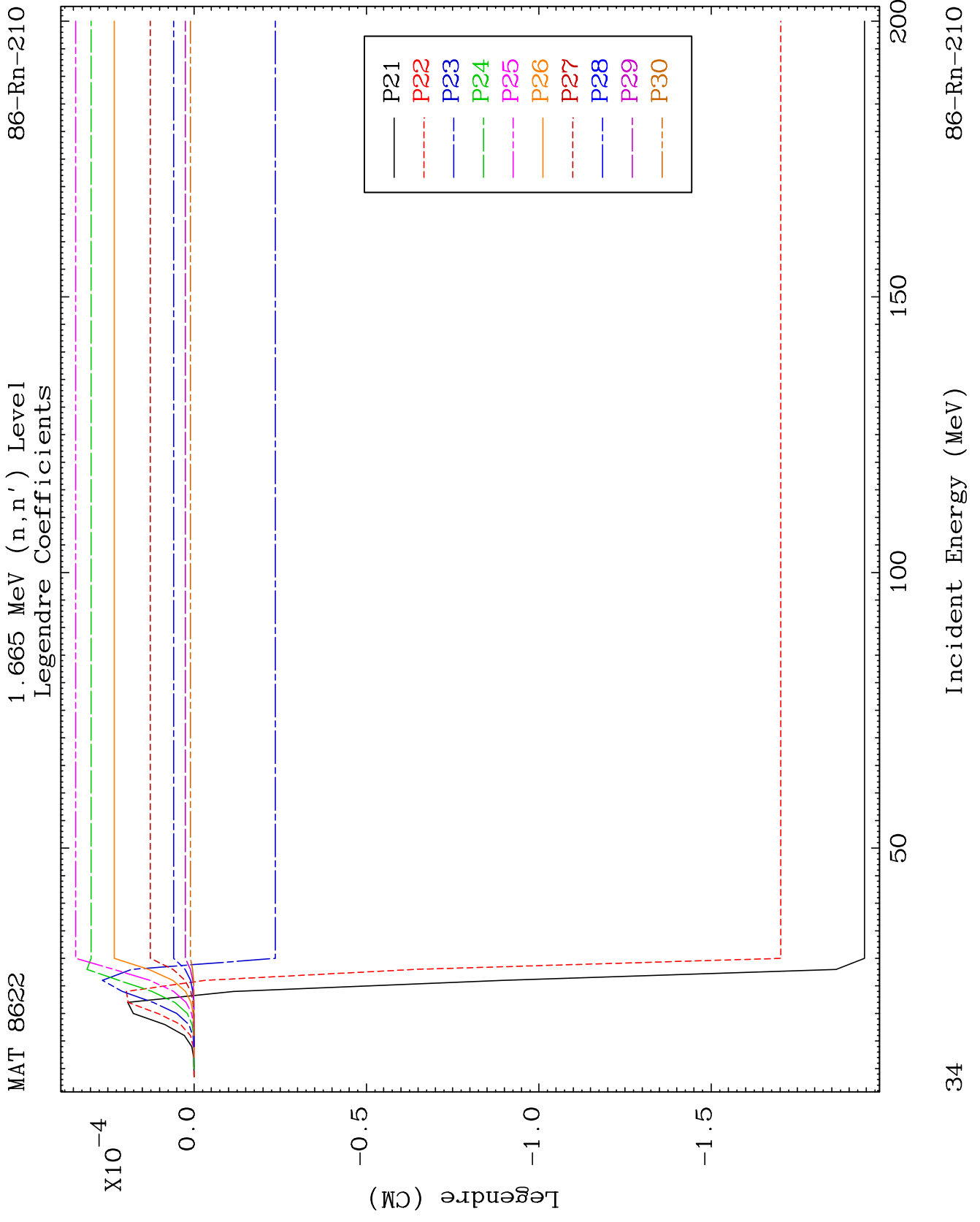


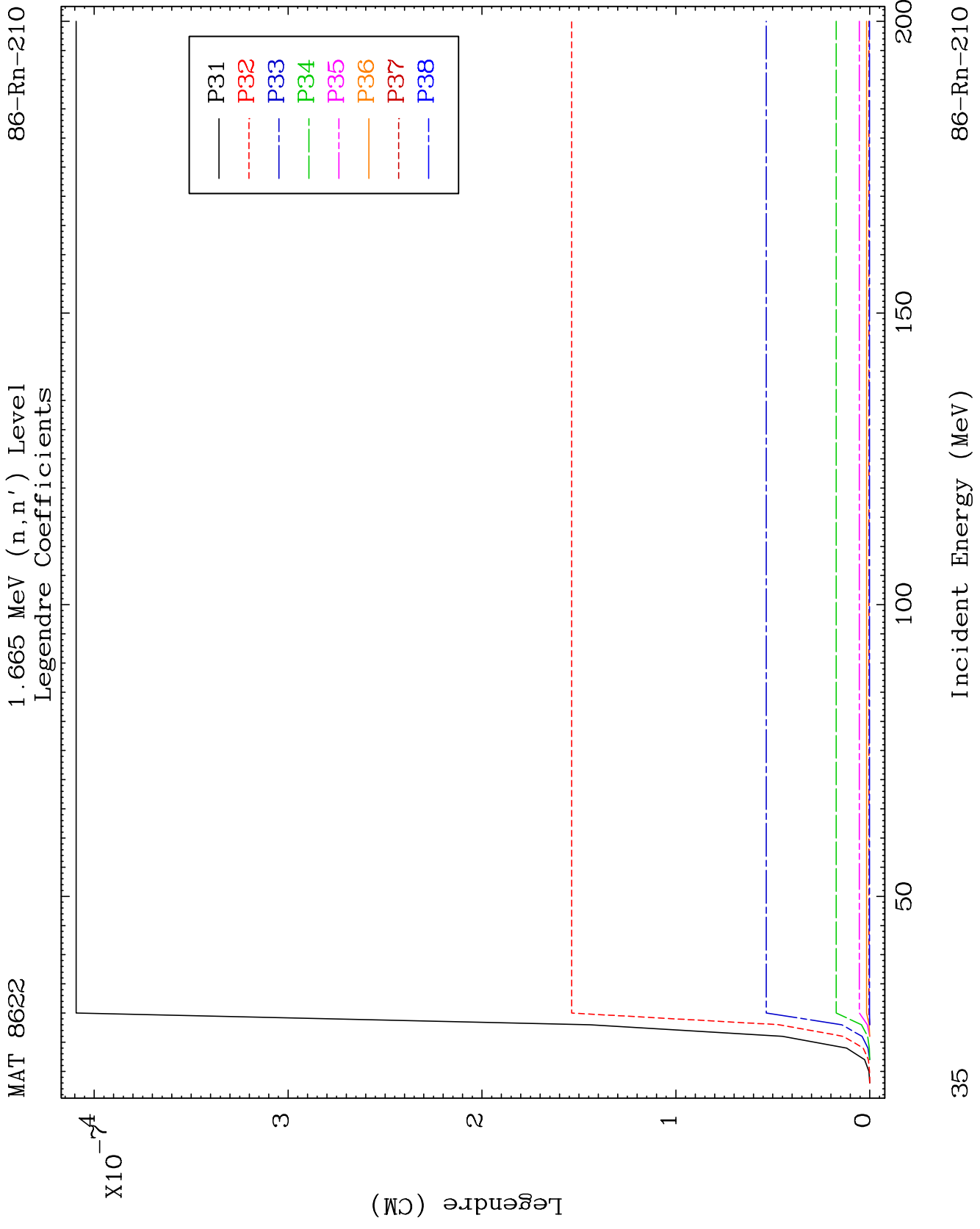
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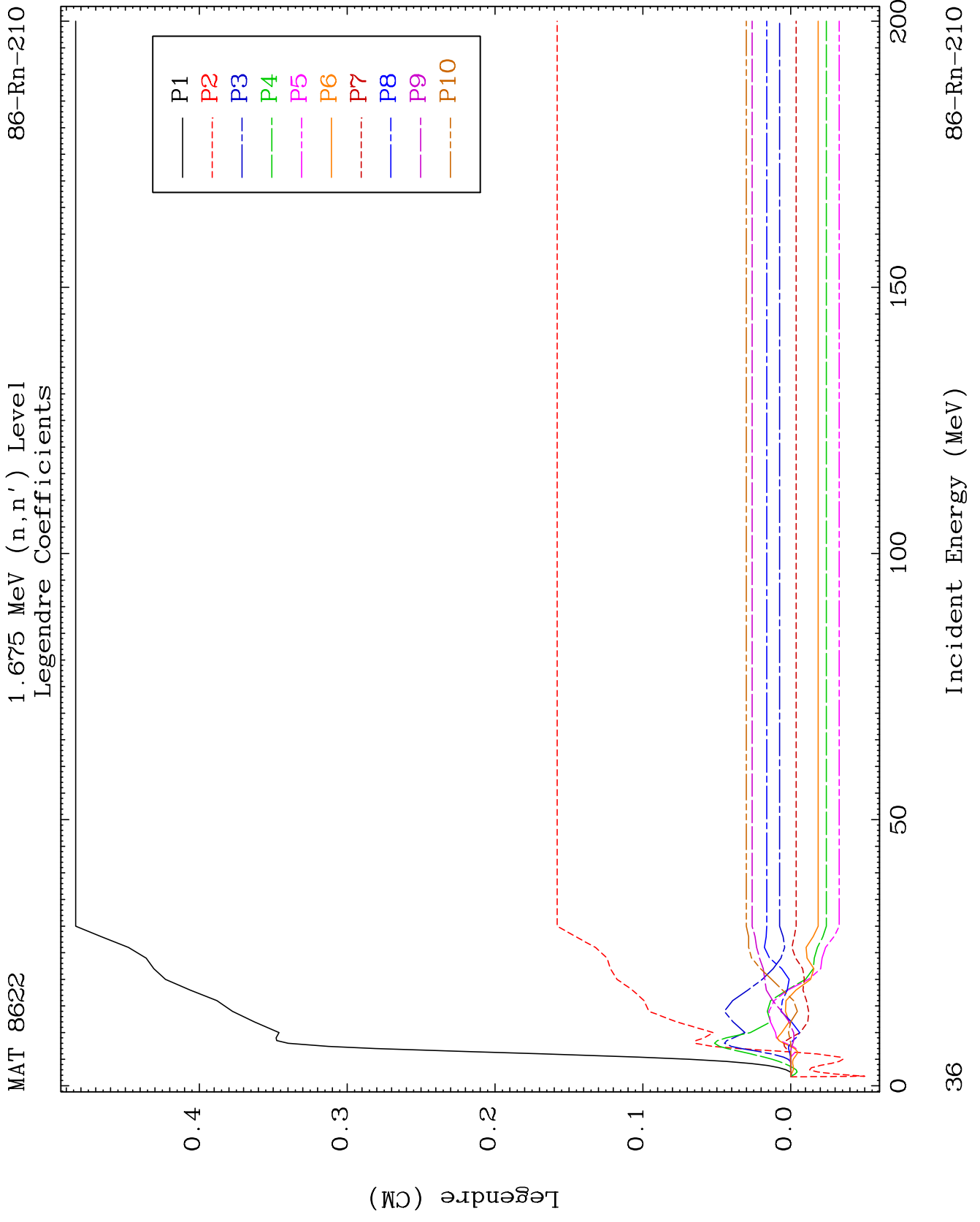
Incident Energy (MeV)

32





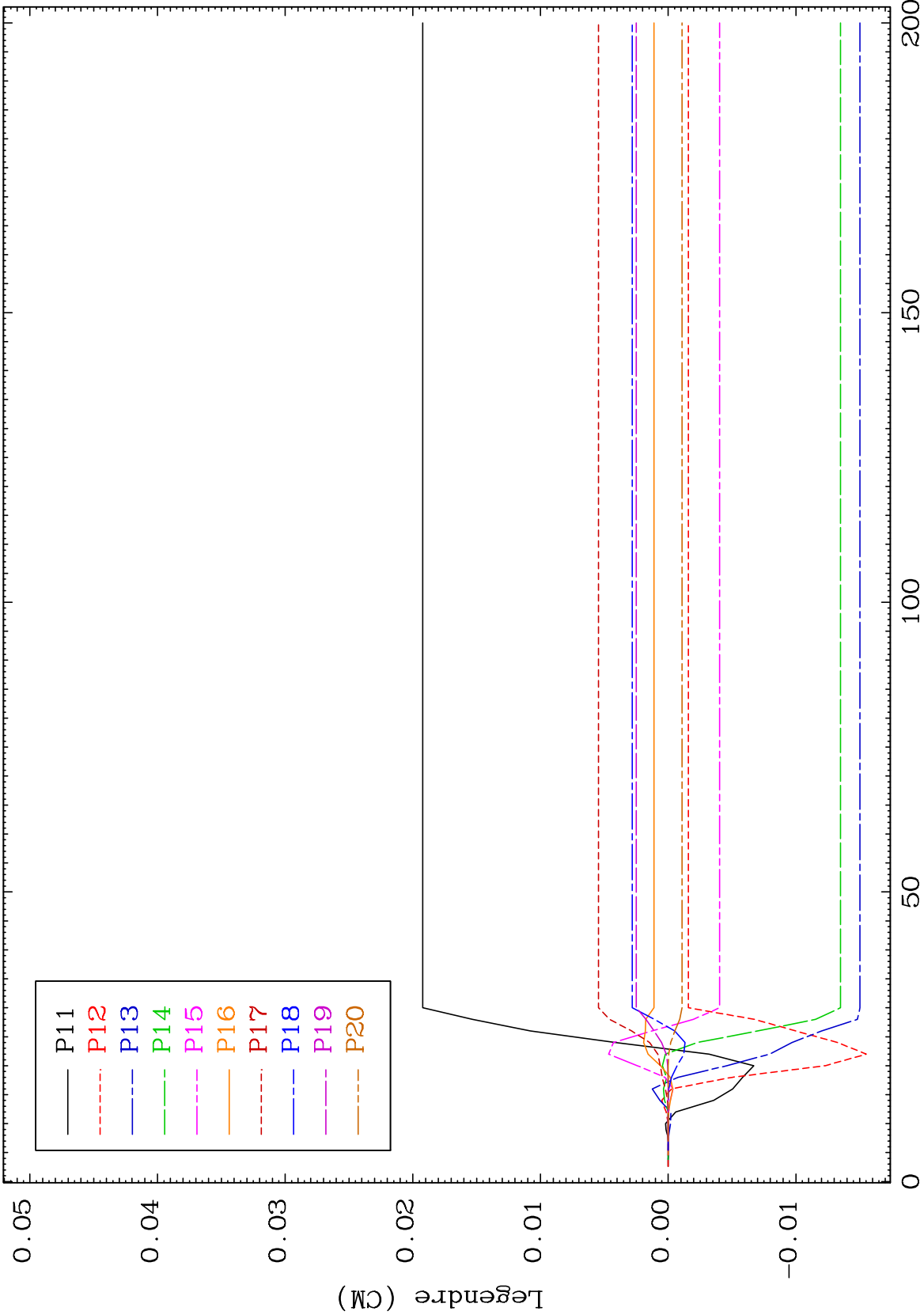




MAT 86222

1.675 MeV (n,n') Level Legendre Coefficients

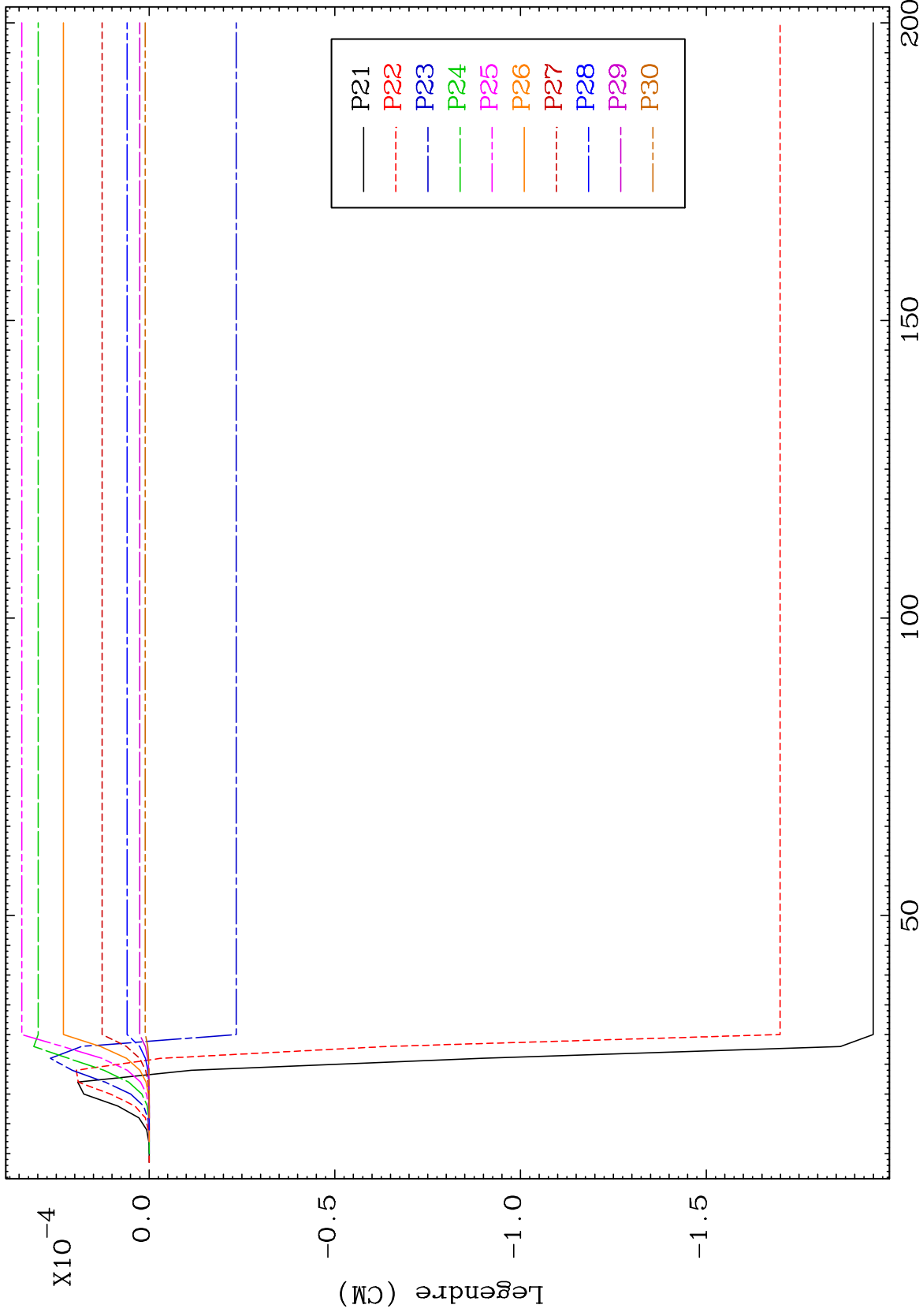
86-Rn-210



37

Incident Energy (MeV)

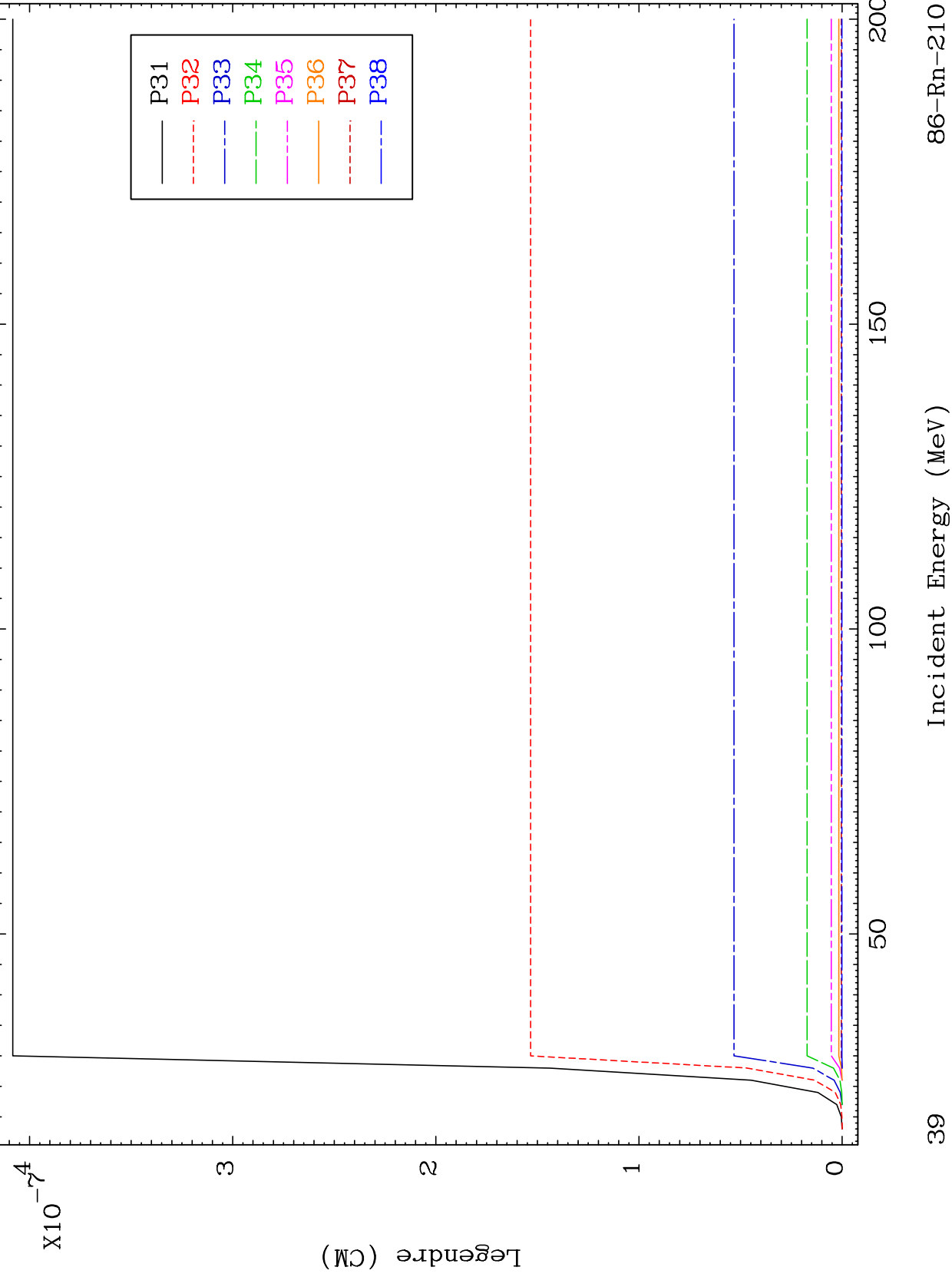
86-Rn-210



MAT 8622

1.675 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



39

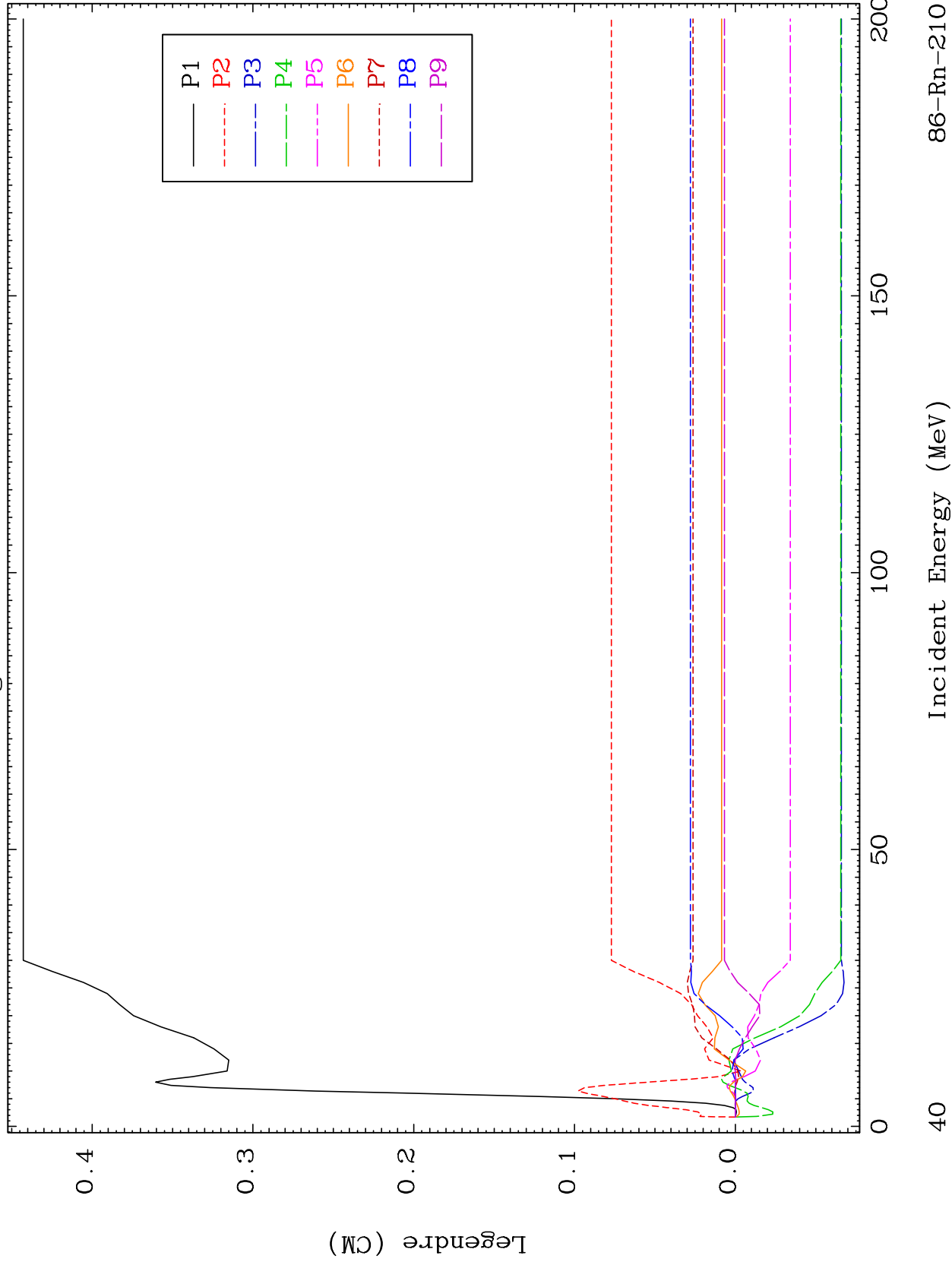
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.679 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



86-Rn-210

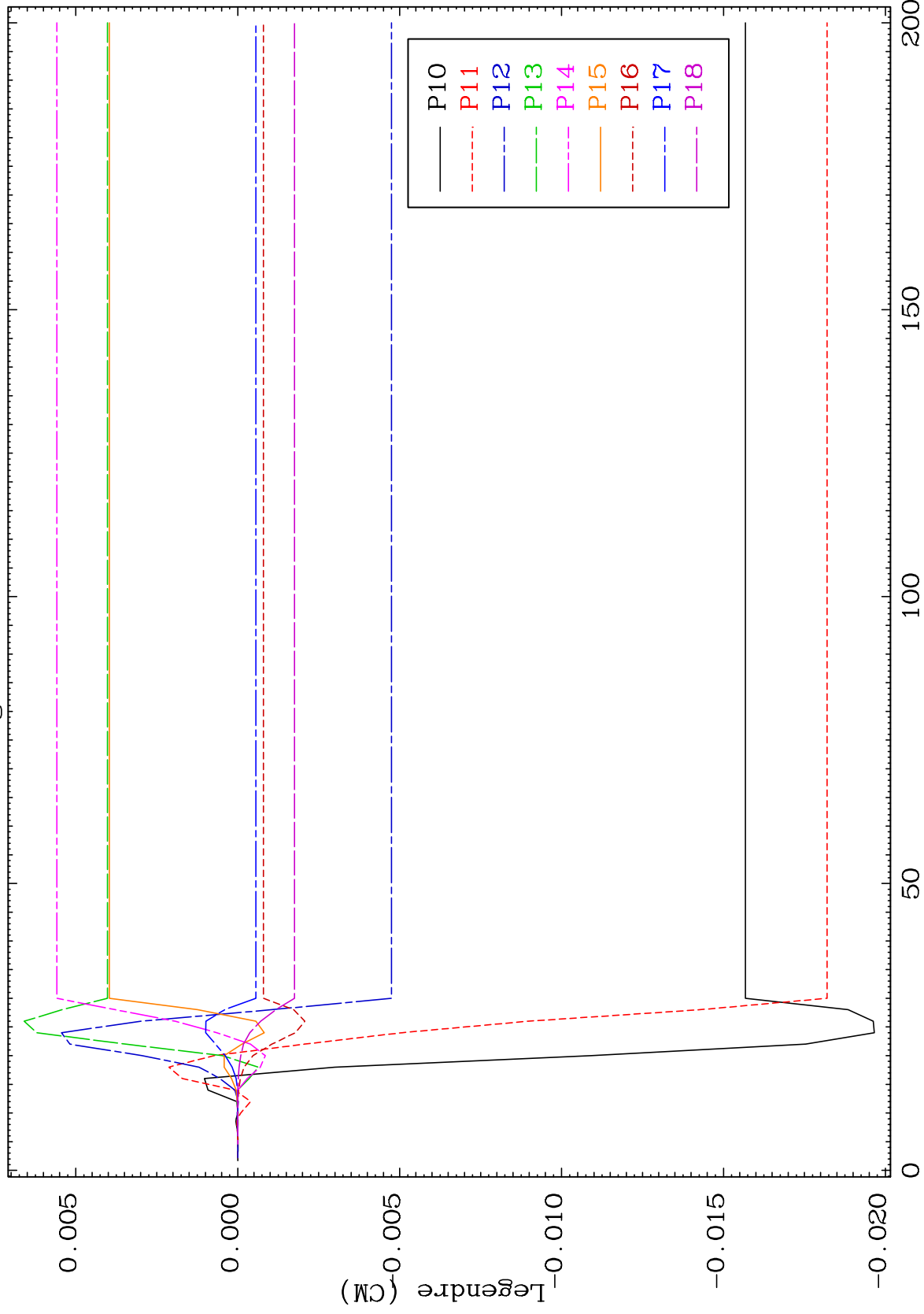
Incident Energy (MeV)

40

MAT 8622

1.679 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



41

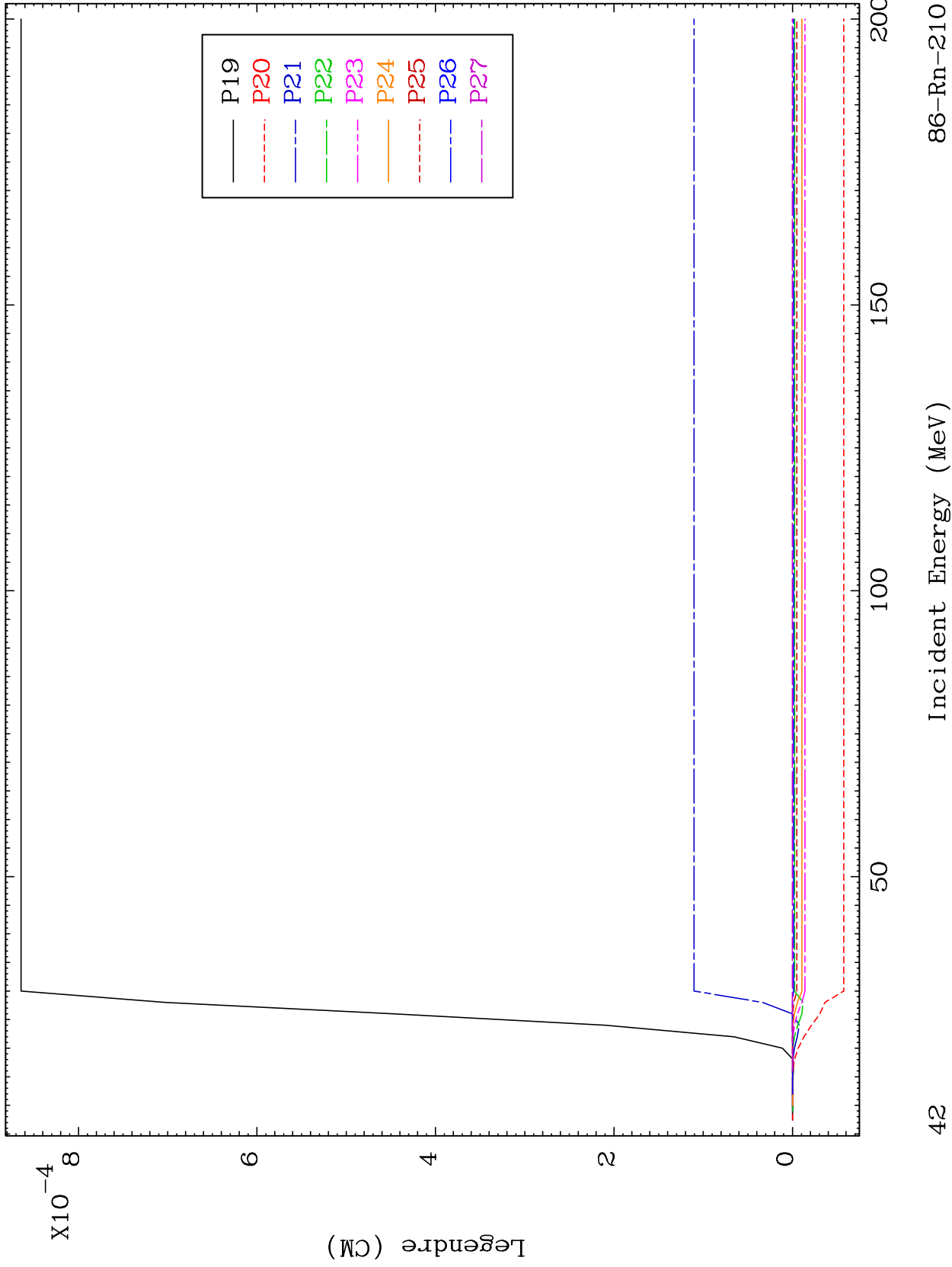
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.679 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



42

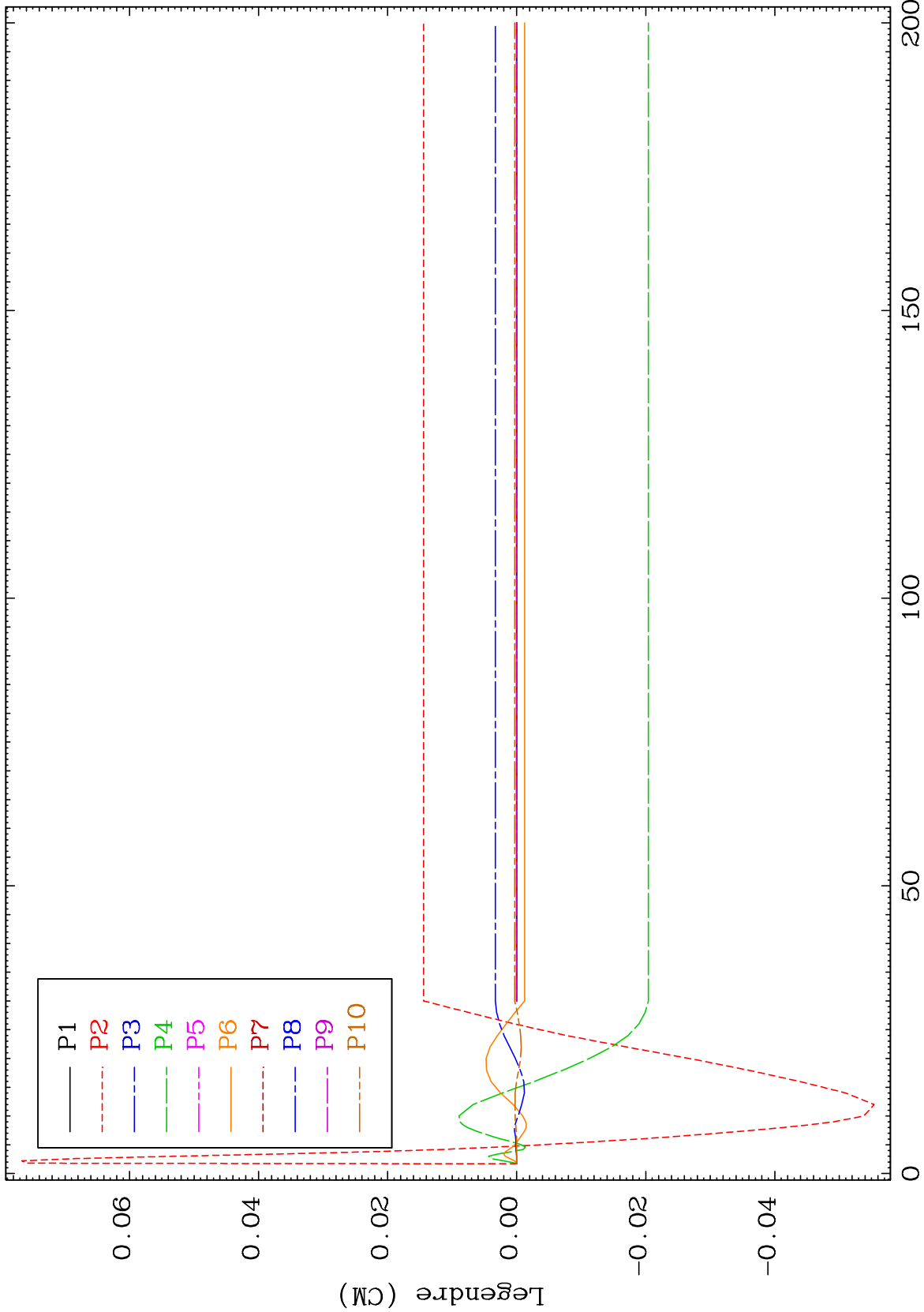
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.680 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



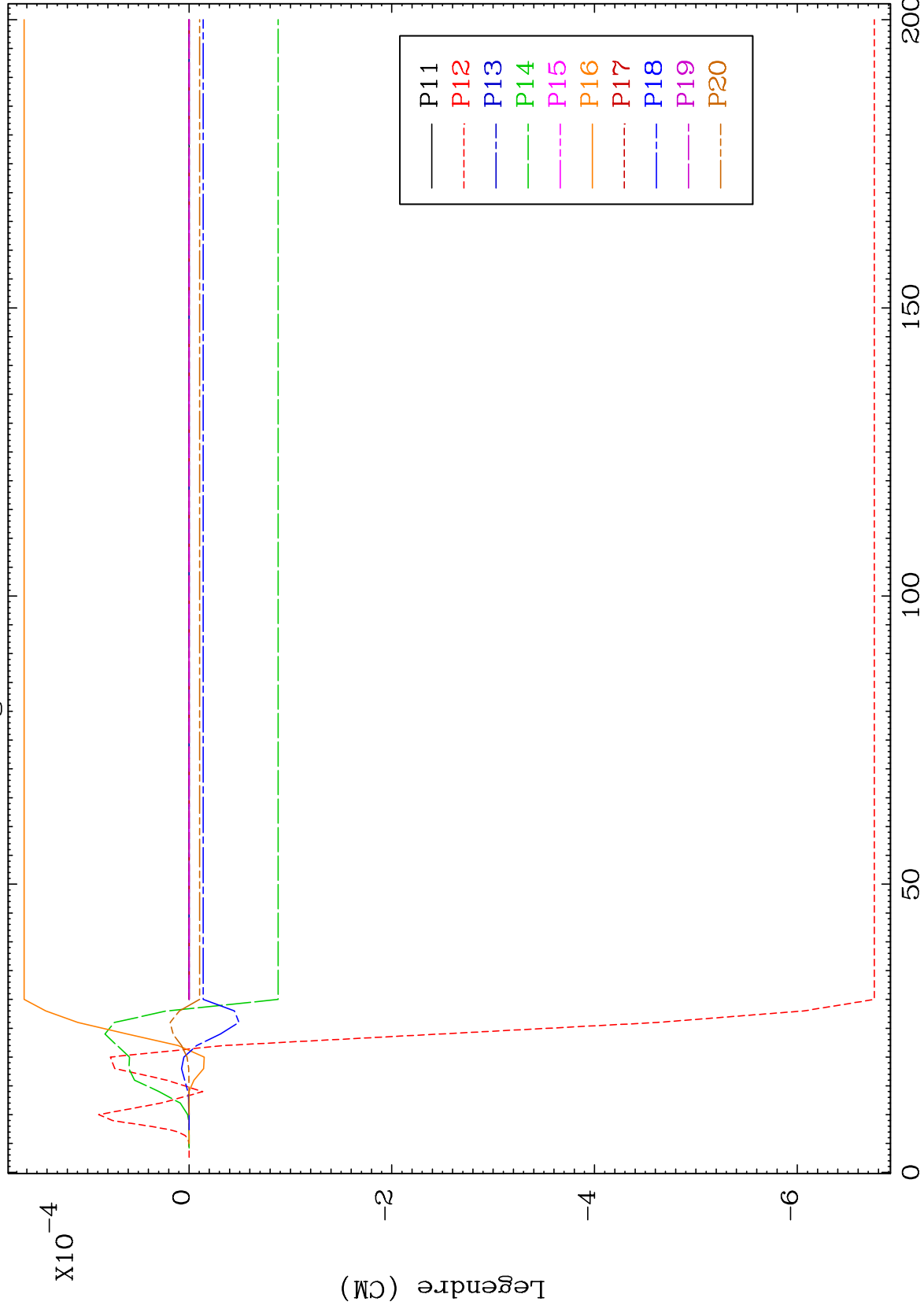
44

86-Rn-210

MAT 86222

1.680 MeV (n,n') Level
Legendre Coefficients

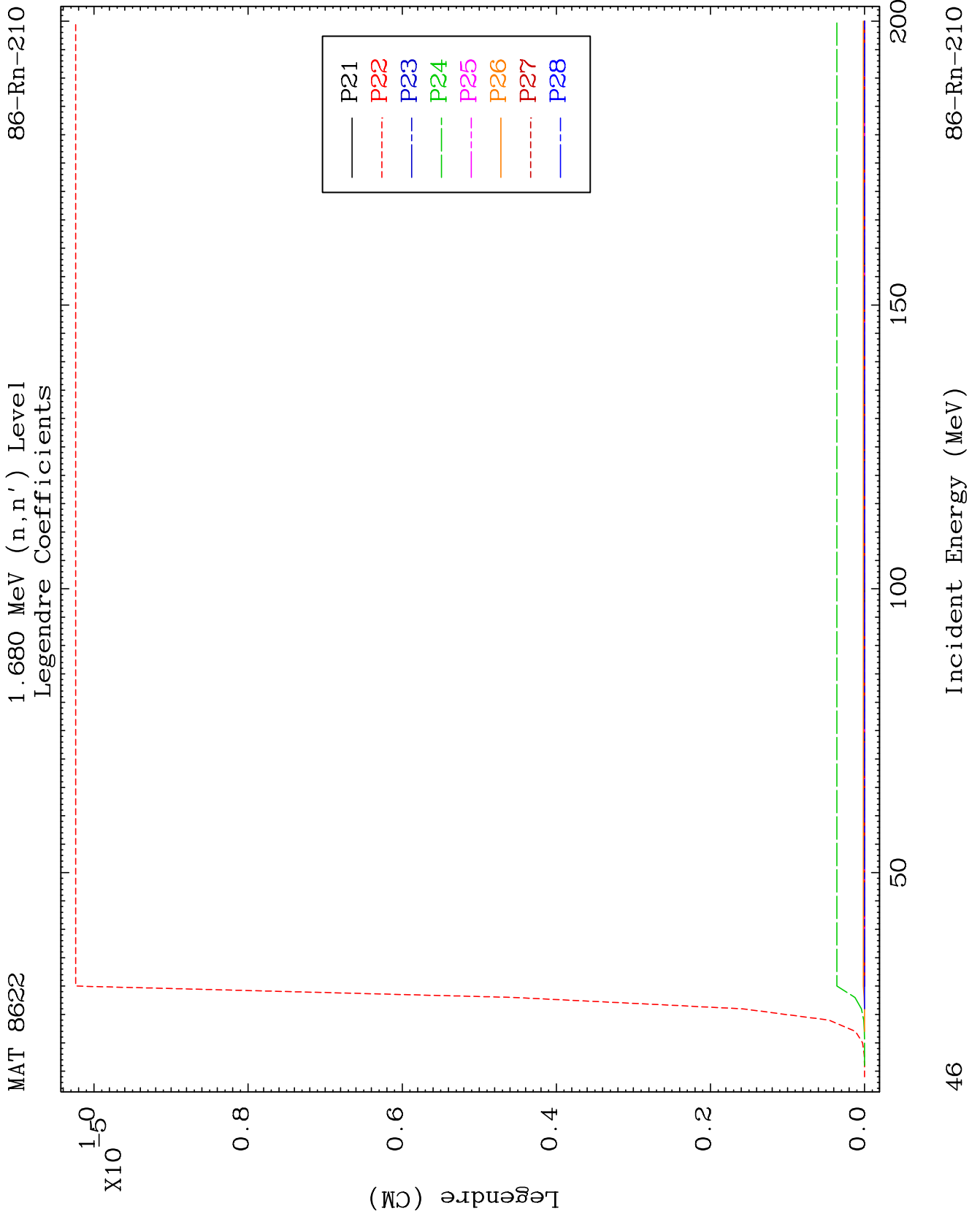
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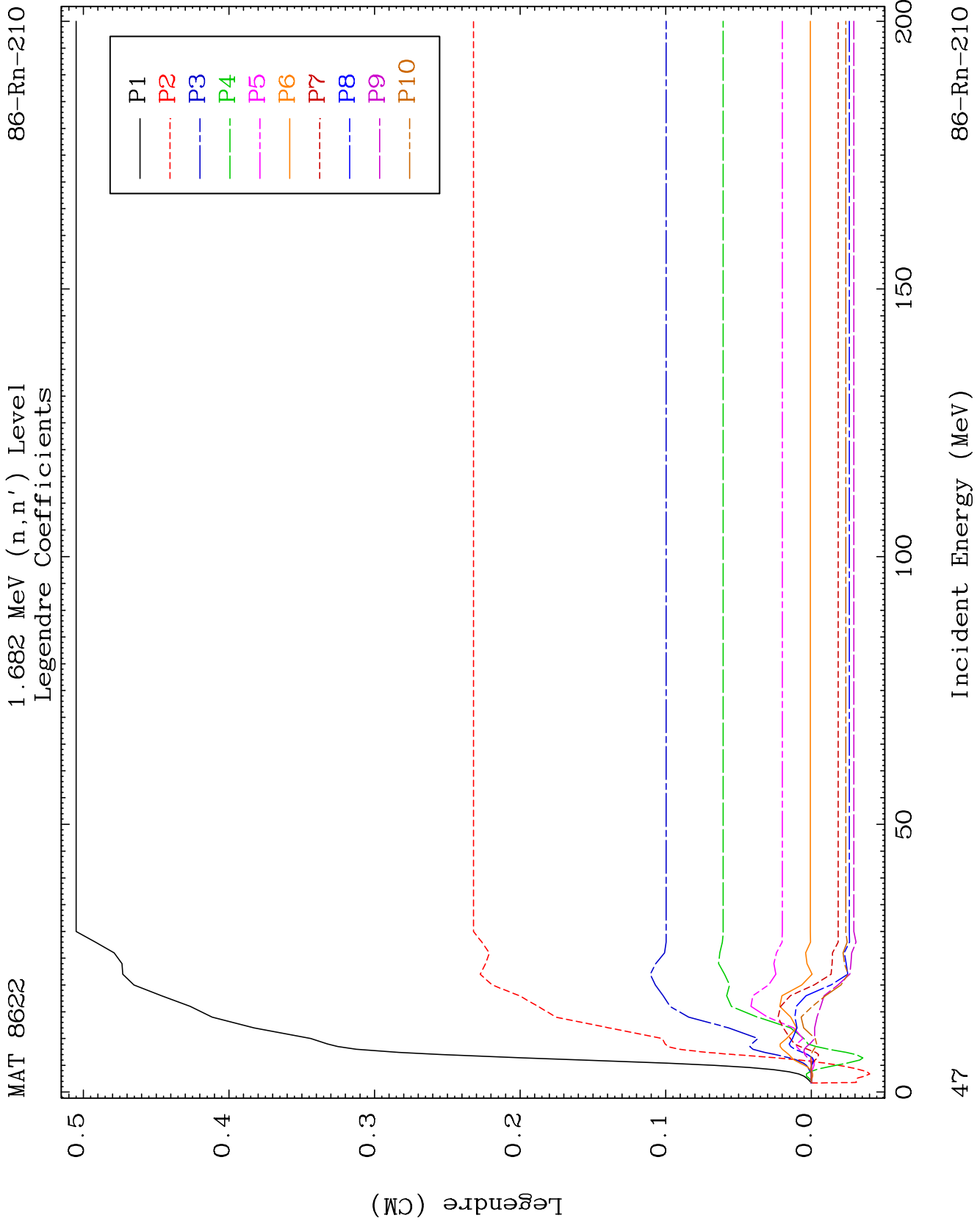


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Incident Energy (MeV)

86-Rn-210

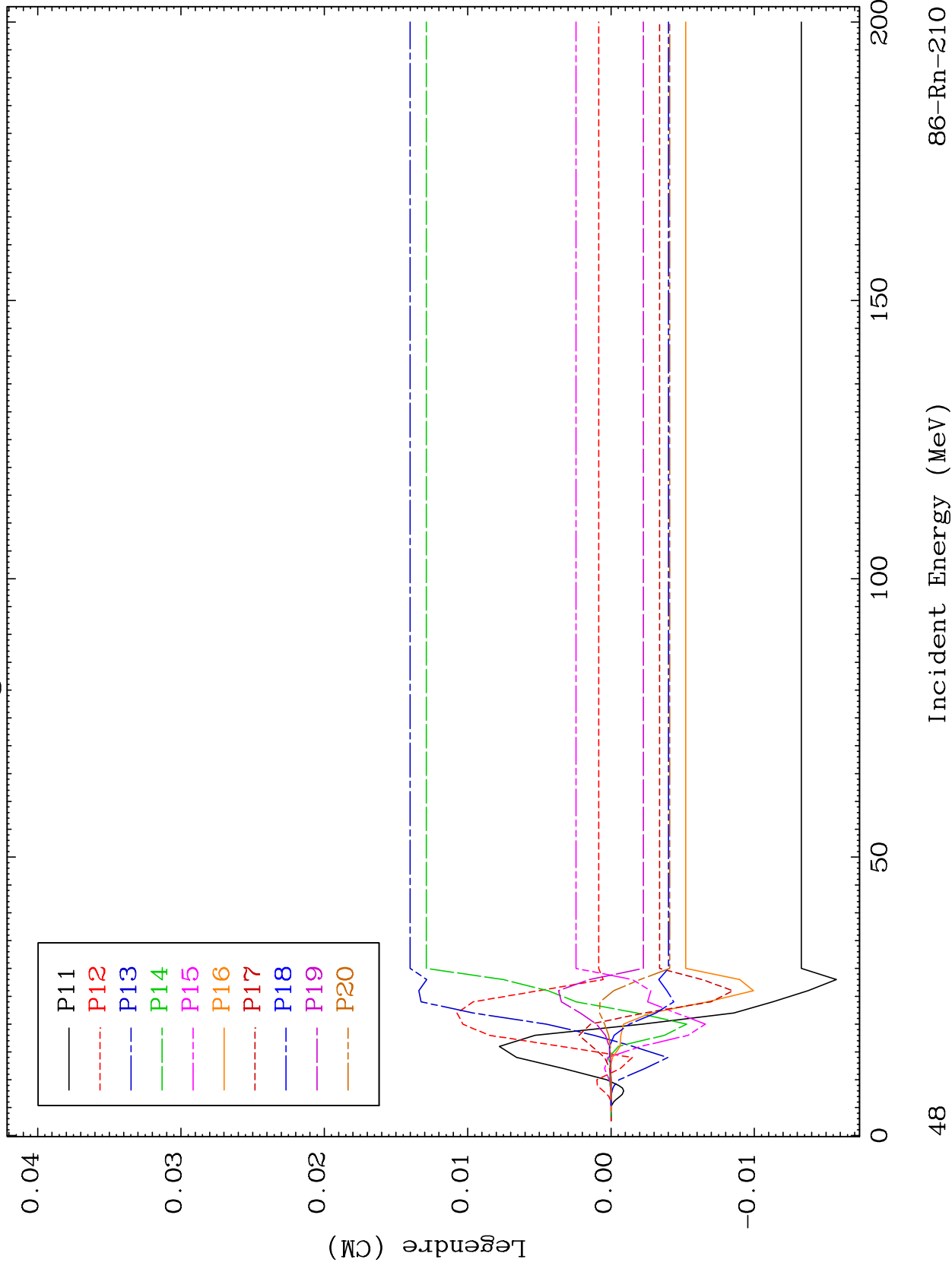




MAT 86222

1.682 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



86-Rn-210

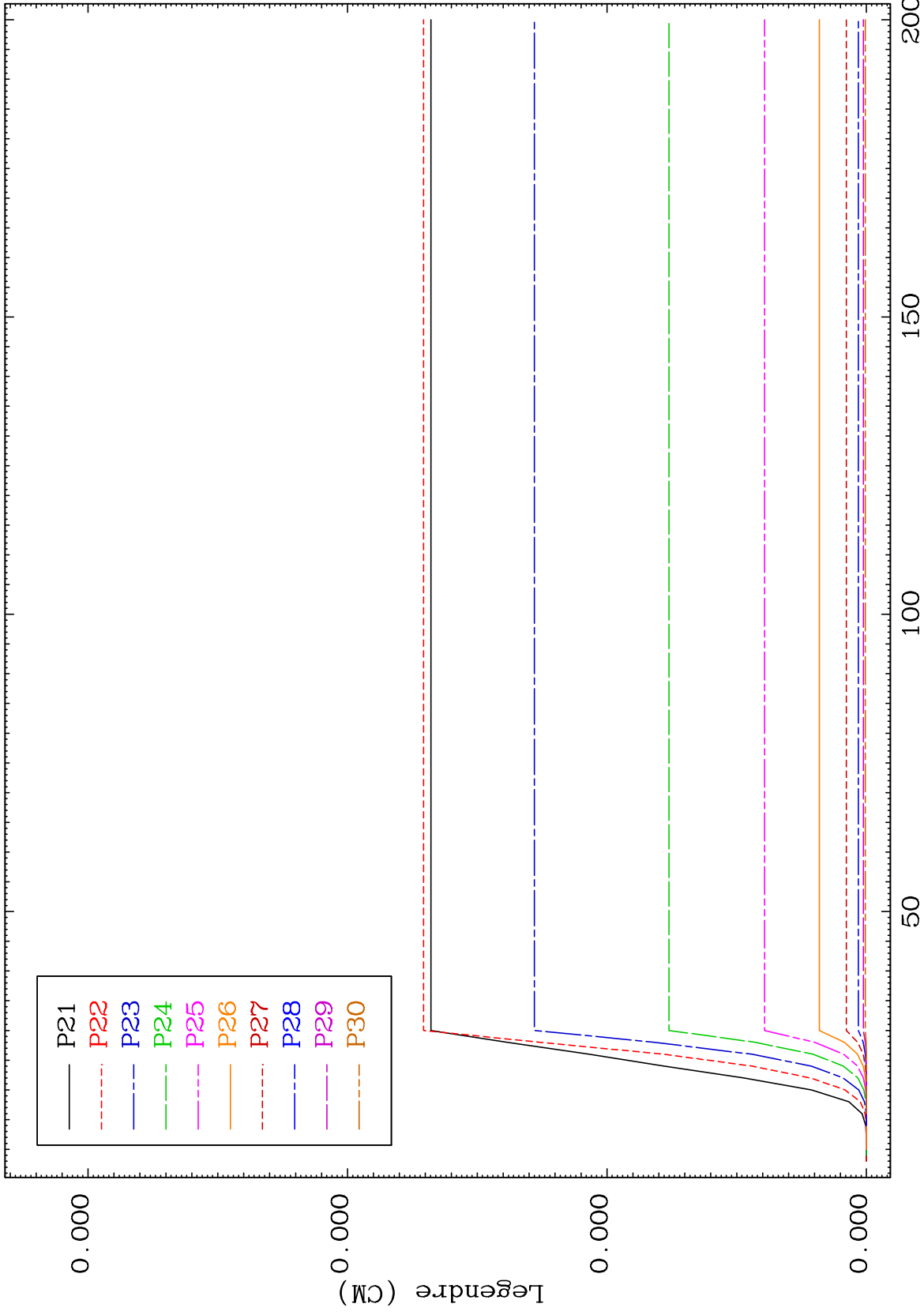
Incident Energy (MeV)

48

MAT 86222

1.682 MeV (n,n') Level
Legendre Coefficients

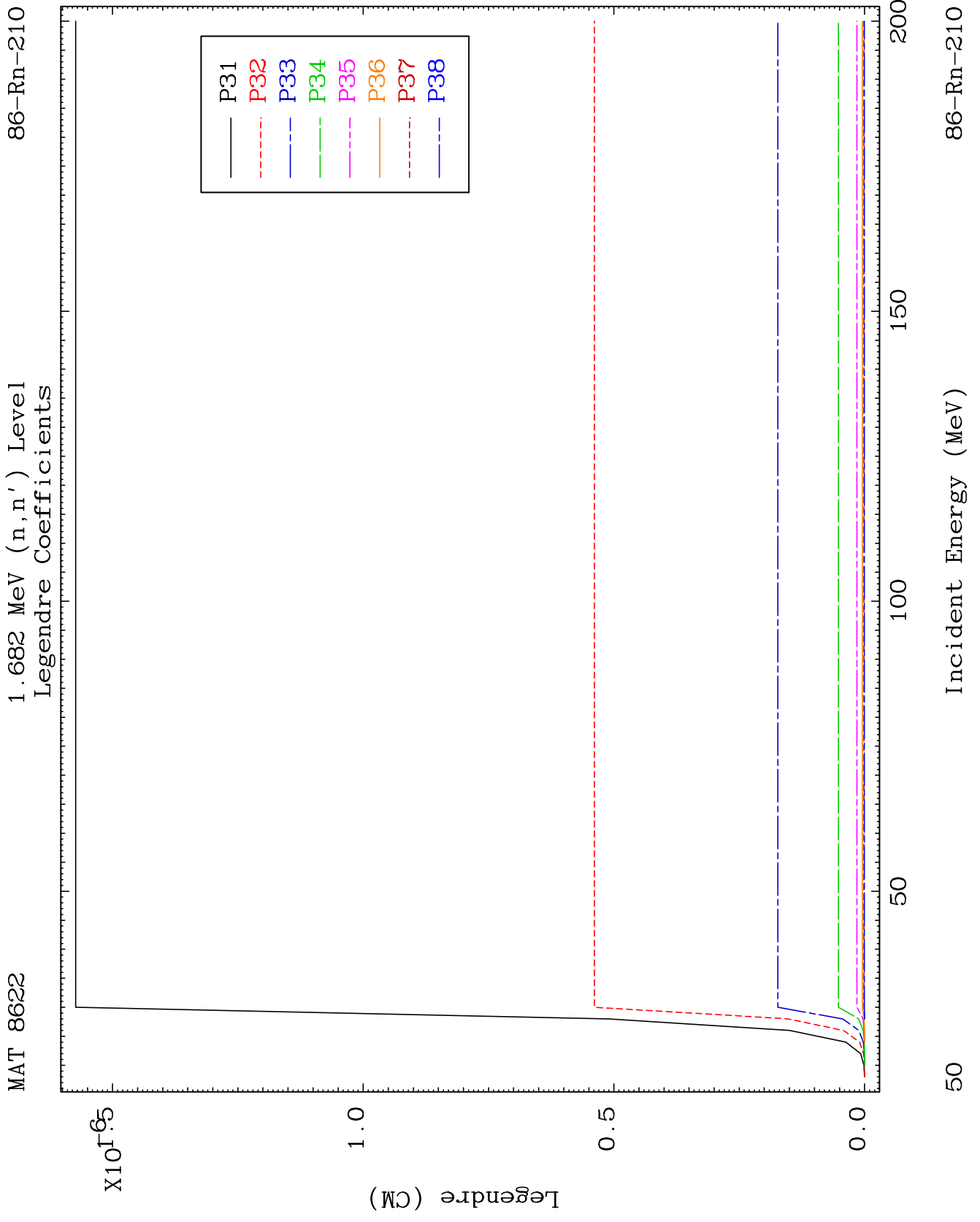
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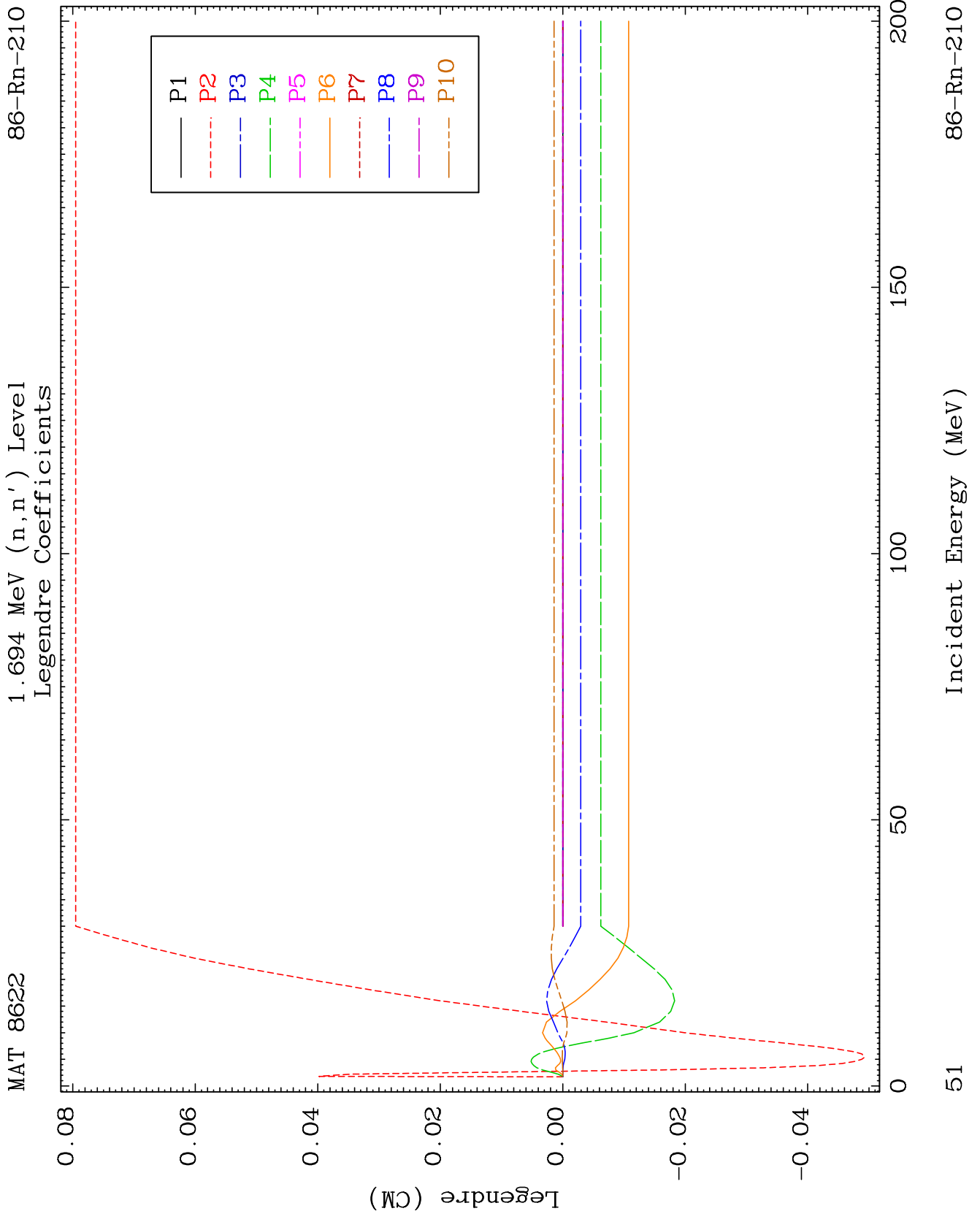


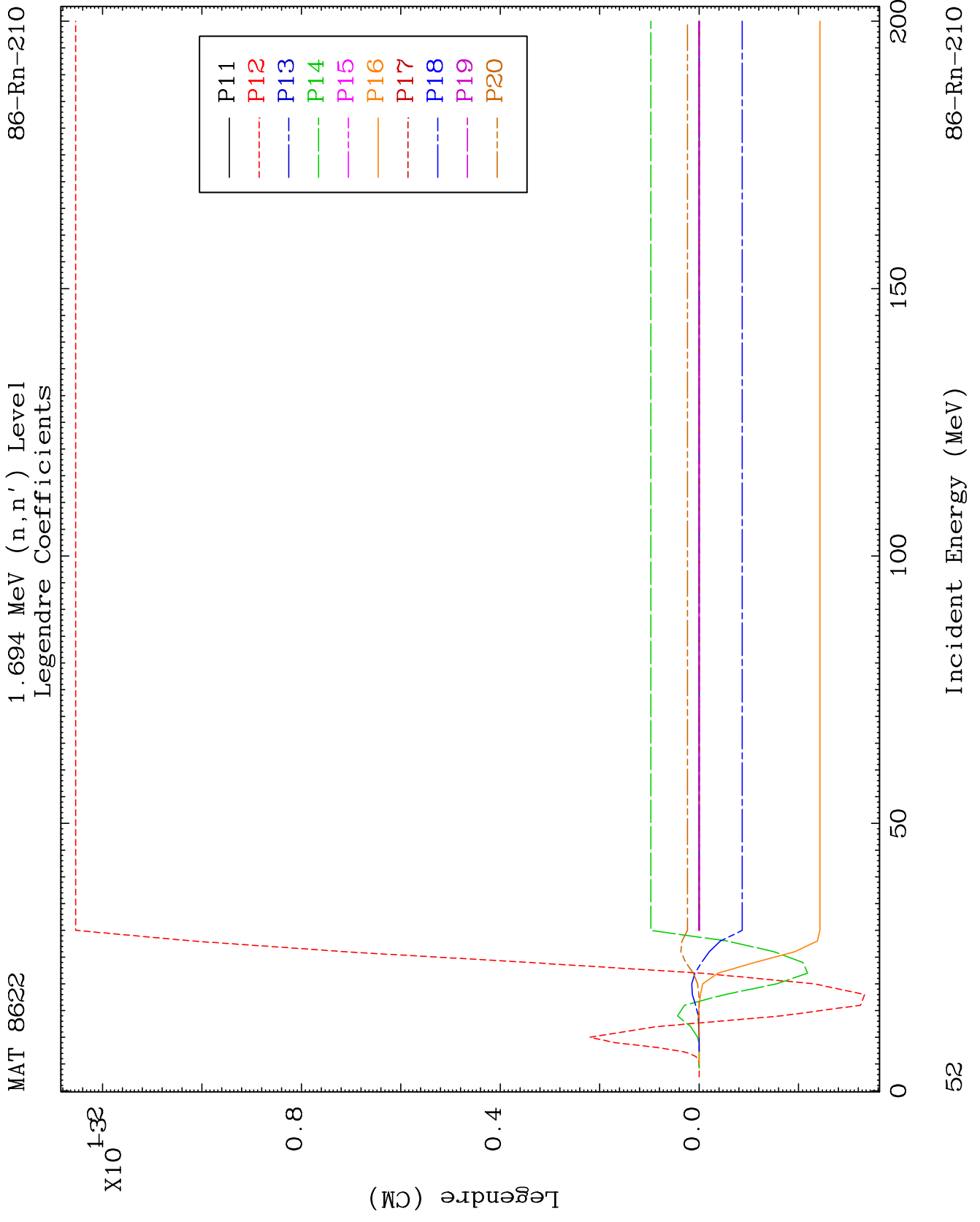
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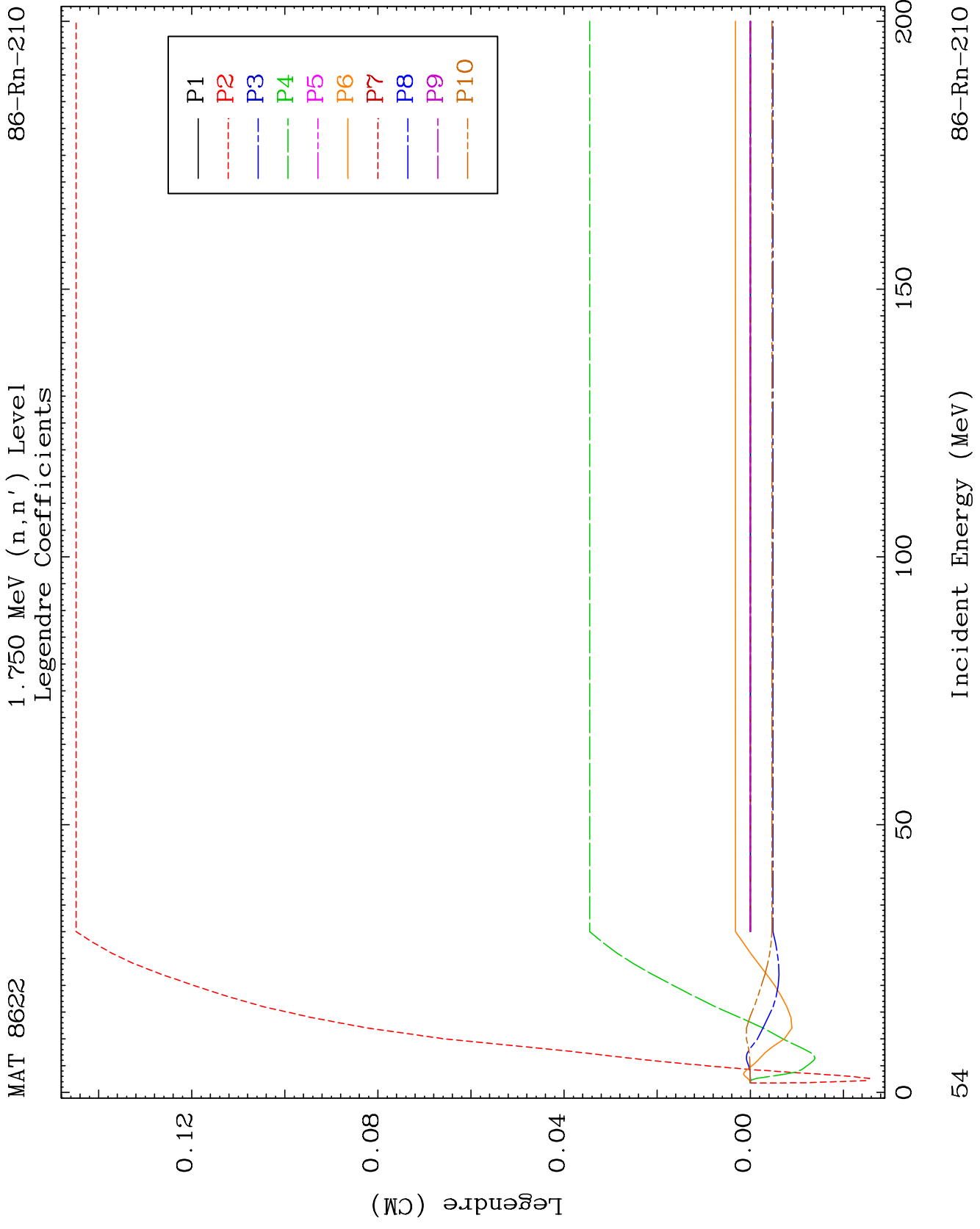
Incident Energy (MeV)

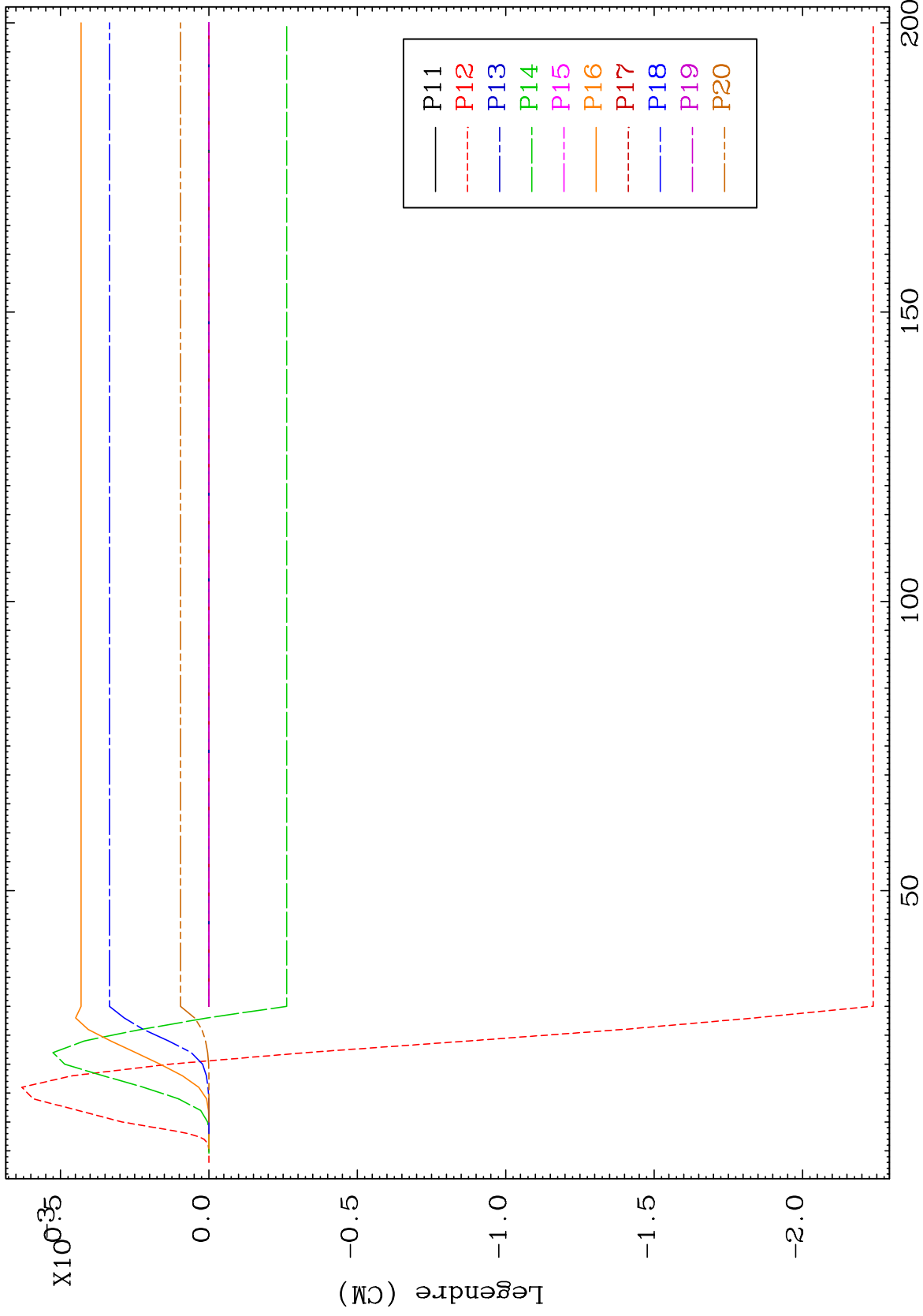
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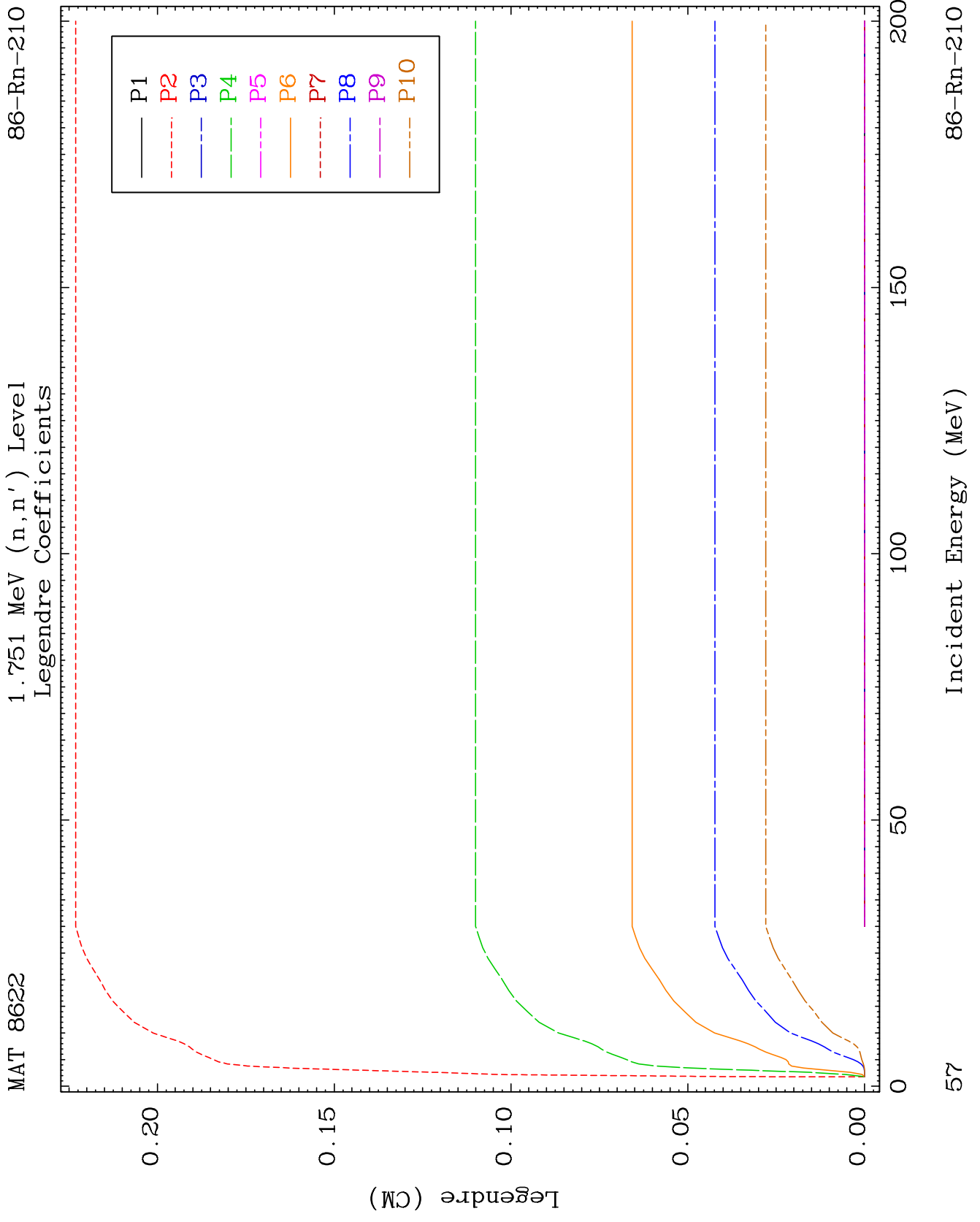








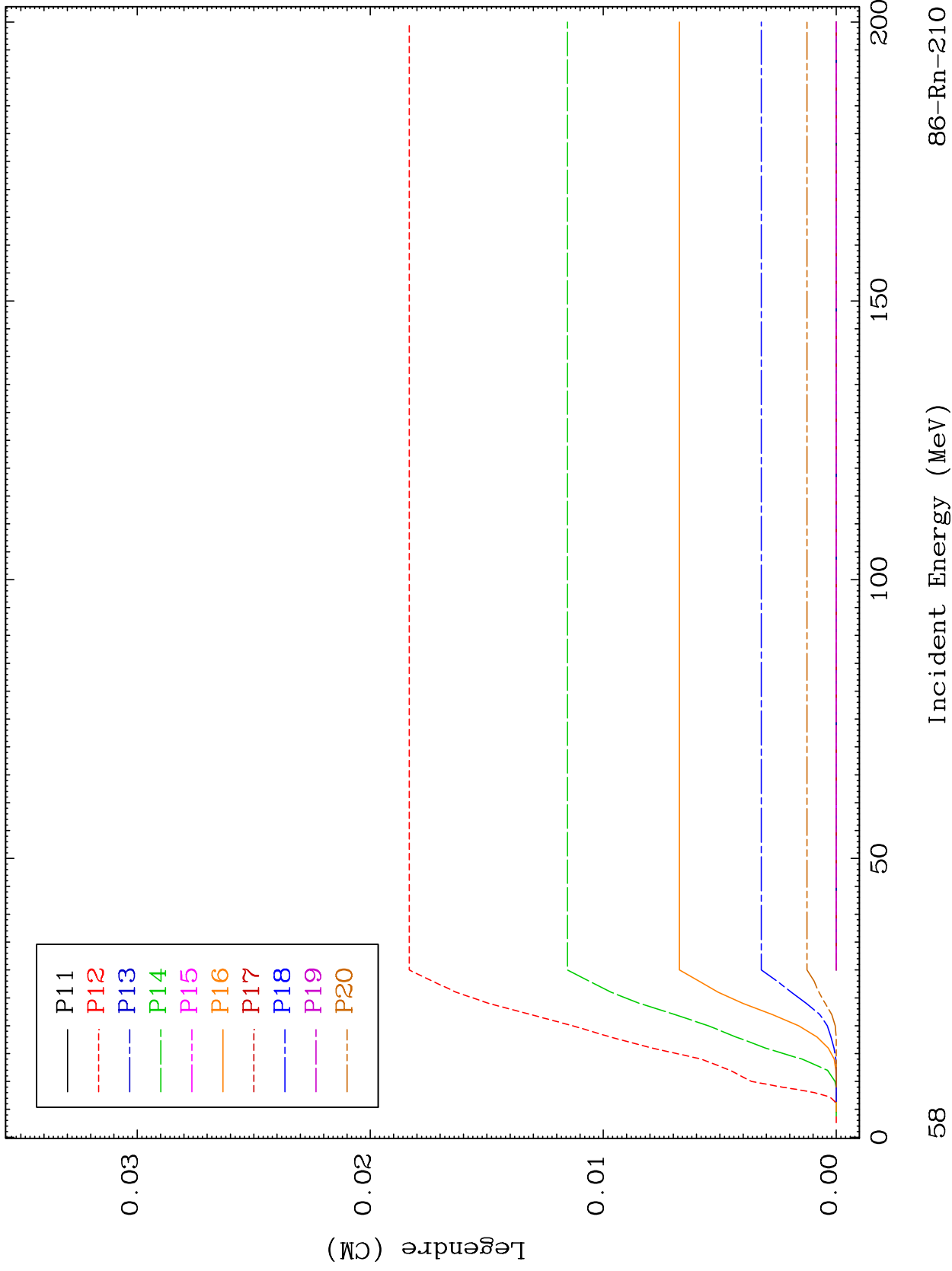




MAT 86222

1.751 MeV (n,n') Level
Legendre Coefficients

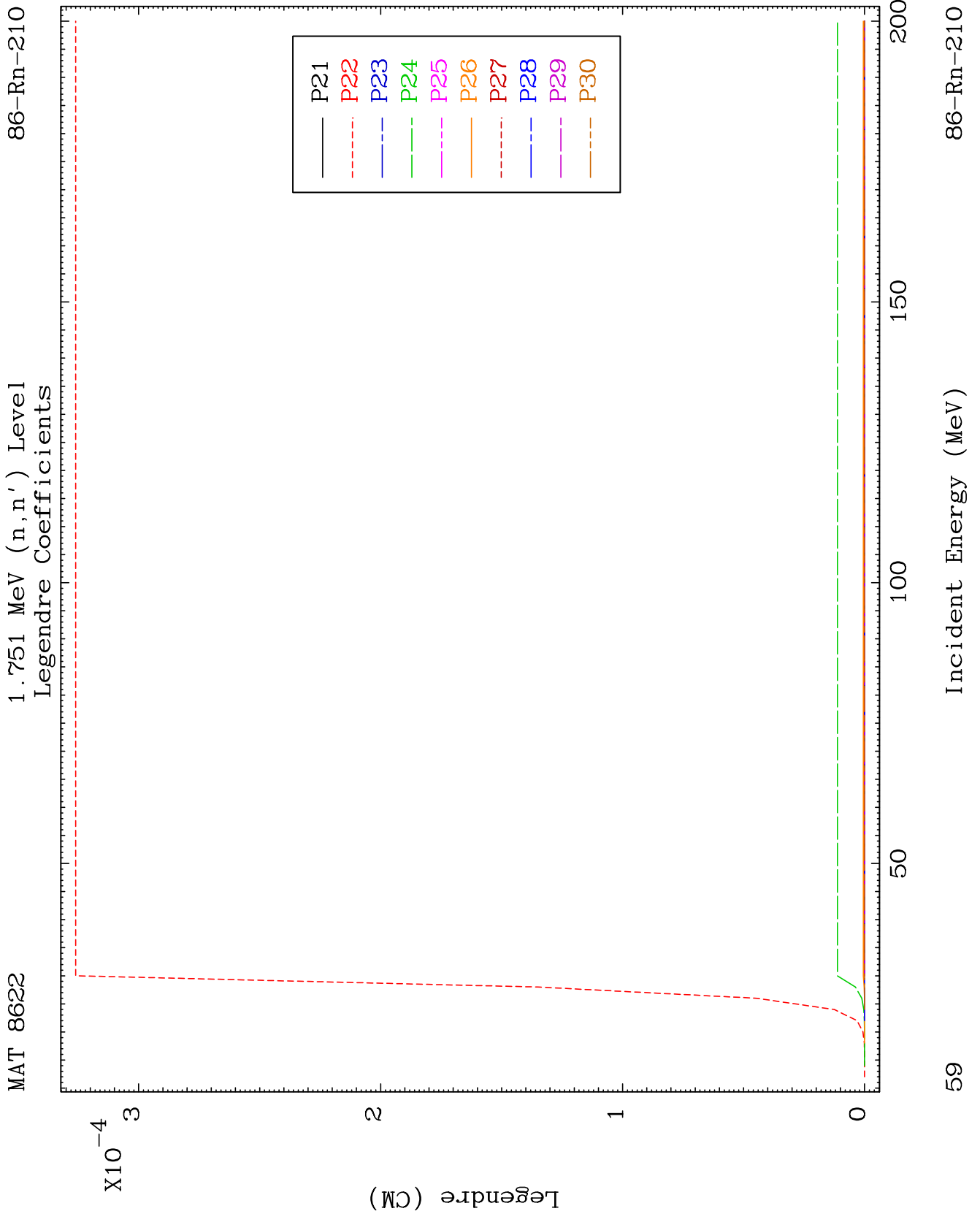
86-Rn-210



86-Rn-210

Incident Energy (MeV)

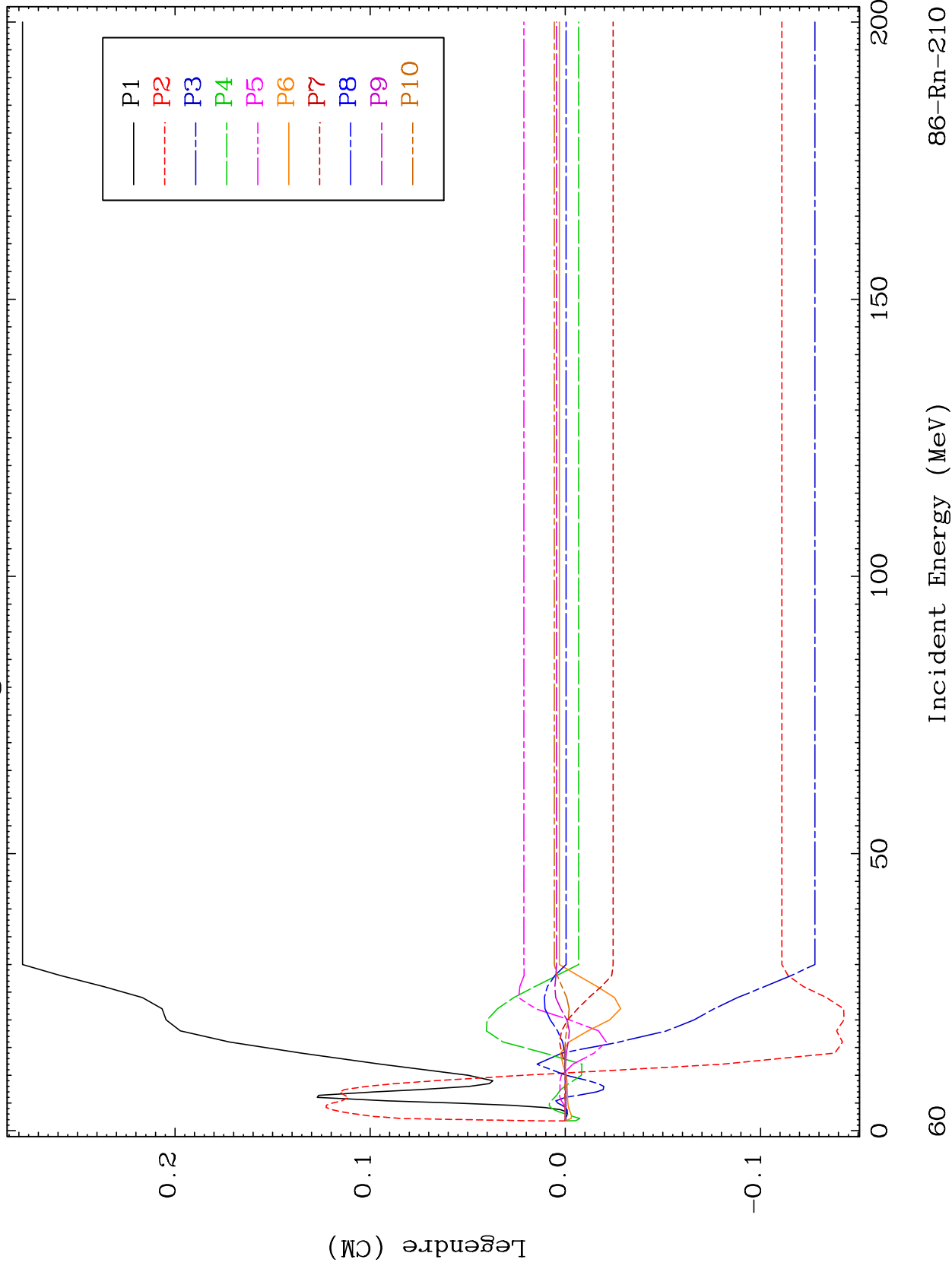
58



MAT 8622

1.752 MeV (n,n') Level
Legendre Coefficients

86-Rn-210

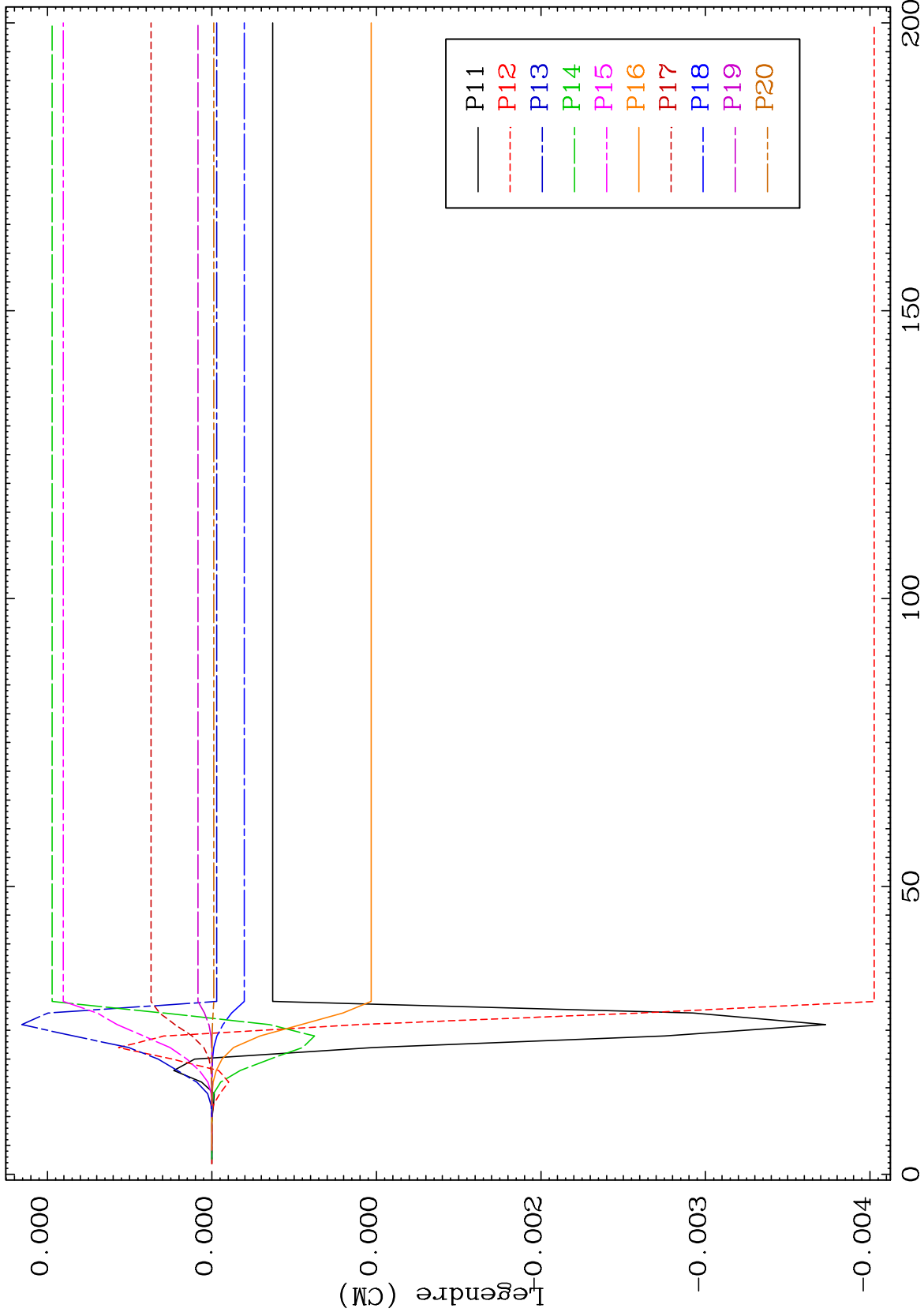


86-Rn-210

MAT 8622

1.752 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



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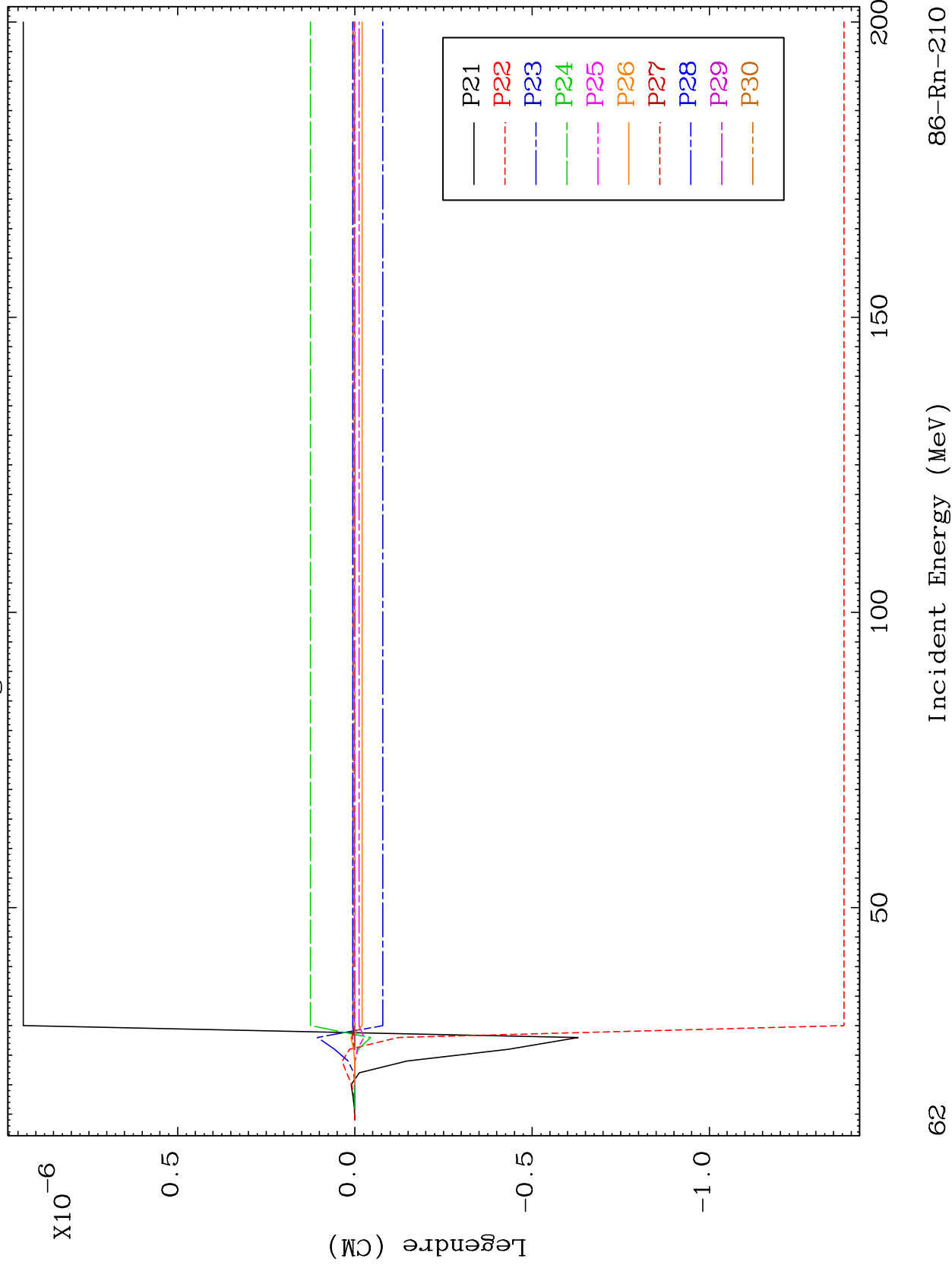
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.752 MeV (n,n') Level
Legendre Coefficients

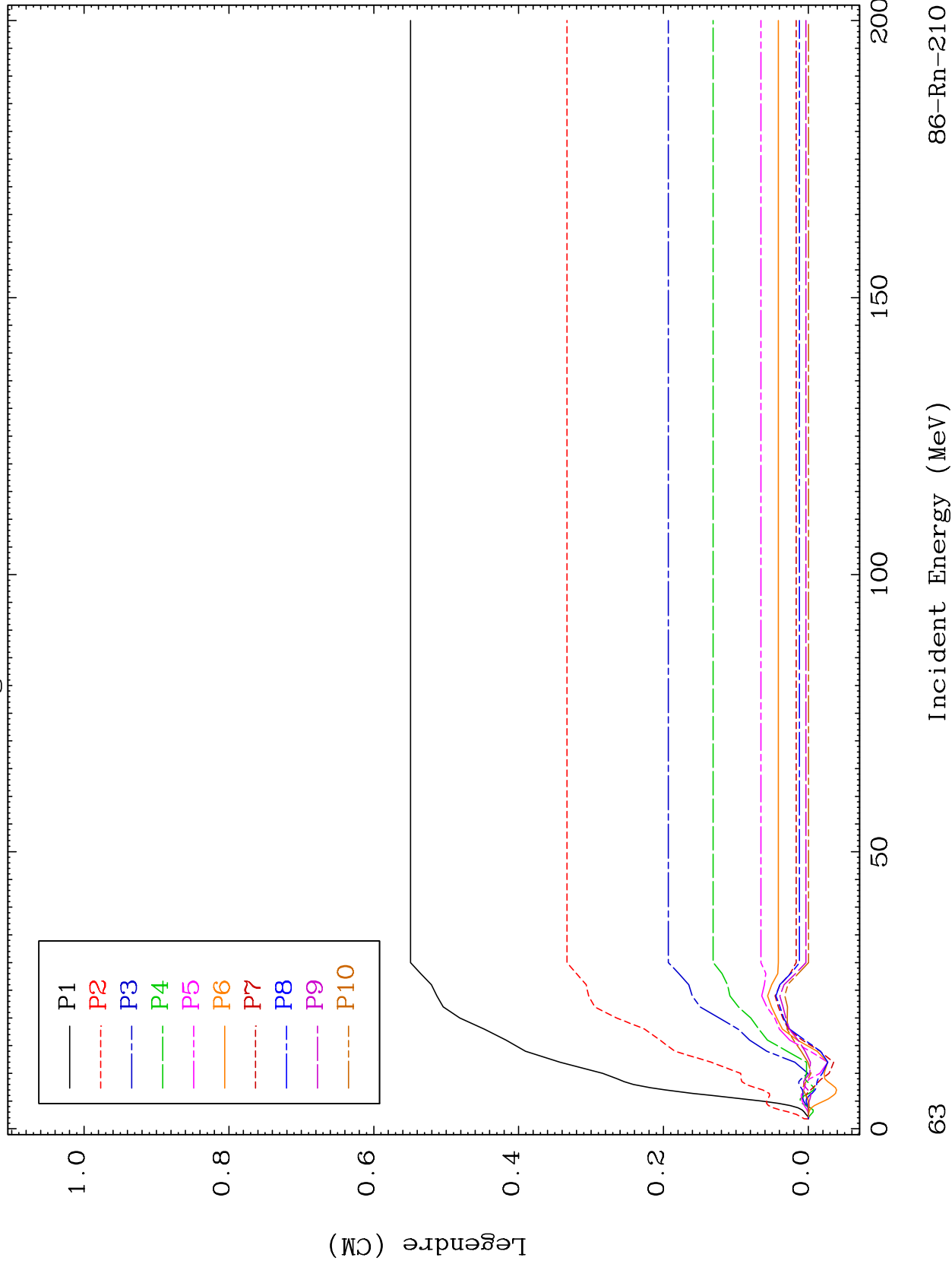
86-Rn-210



62

Incident Energy (MeV)

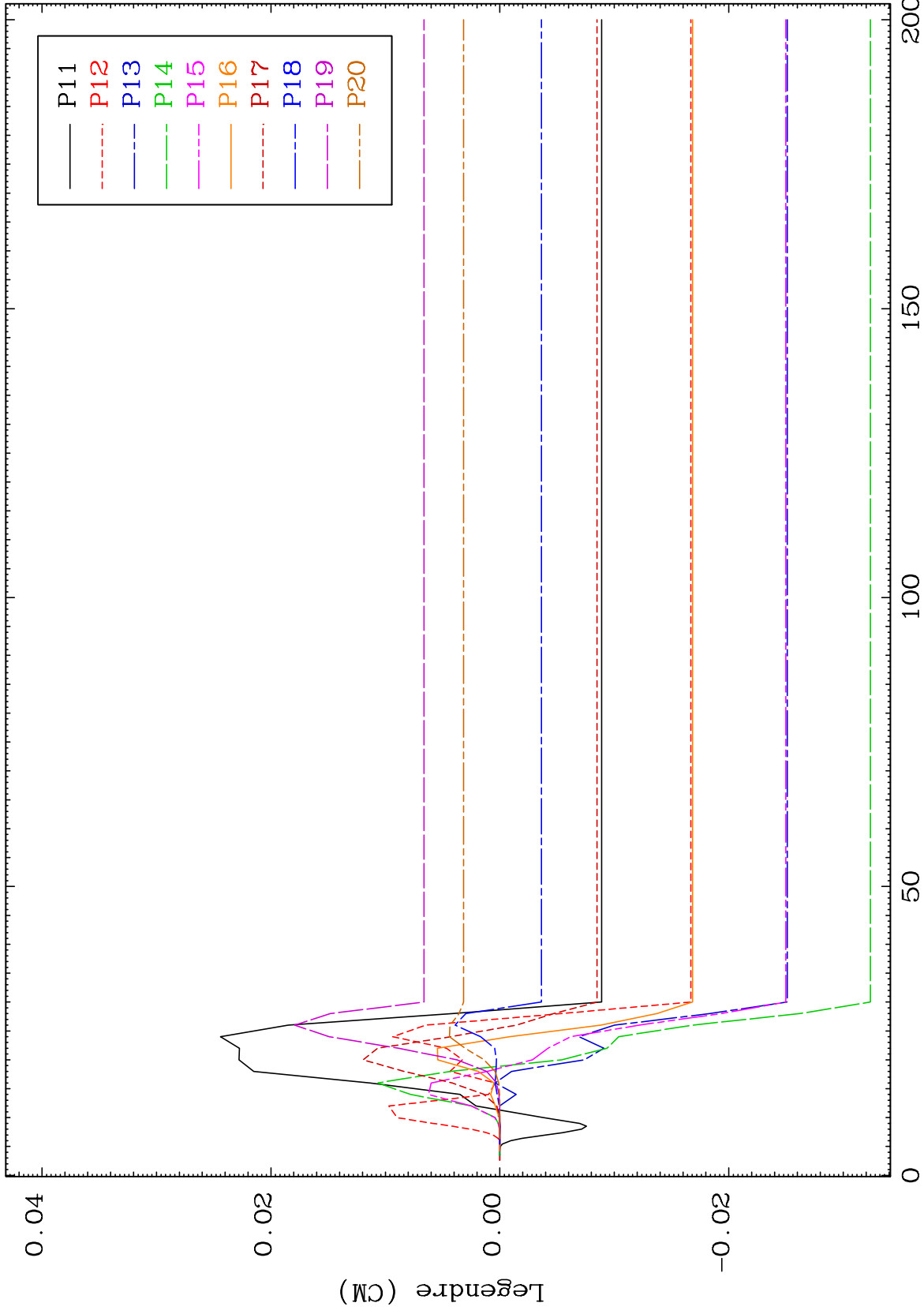
86-Rn-210



MAT 8622

1.753 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



64

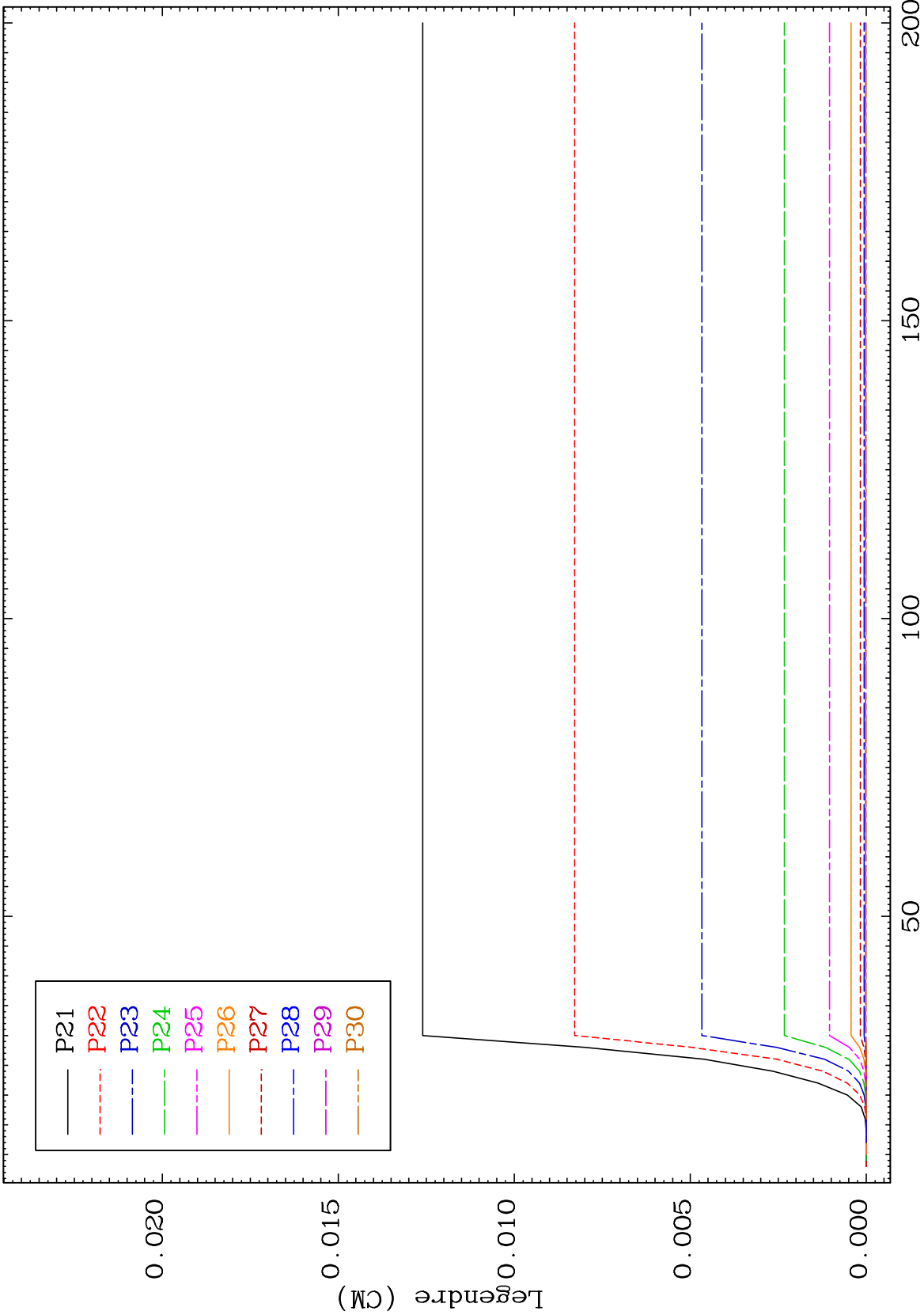
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.753 MeV (n, n') Level
Legendre Coefficients

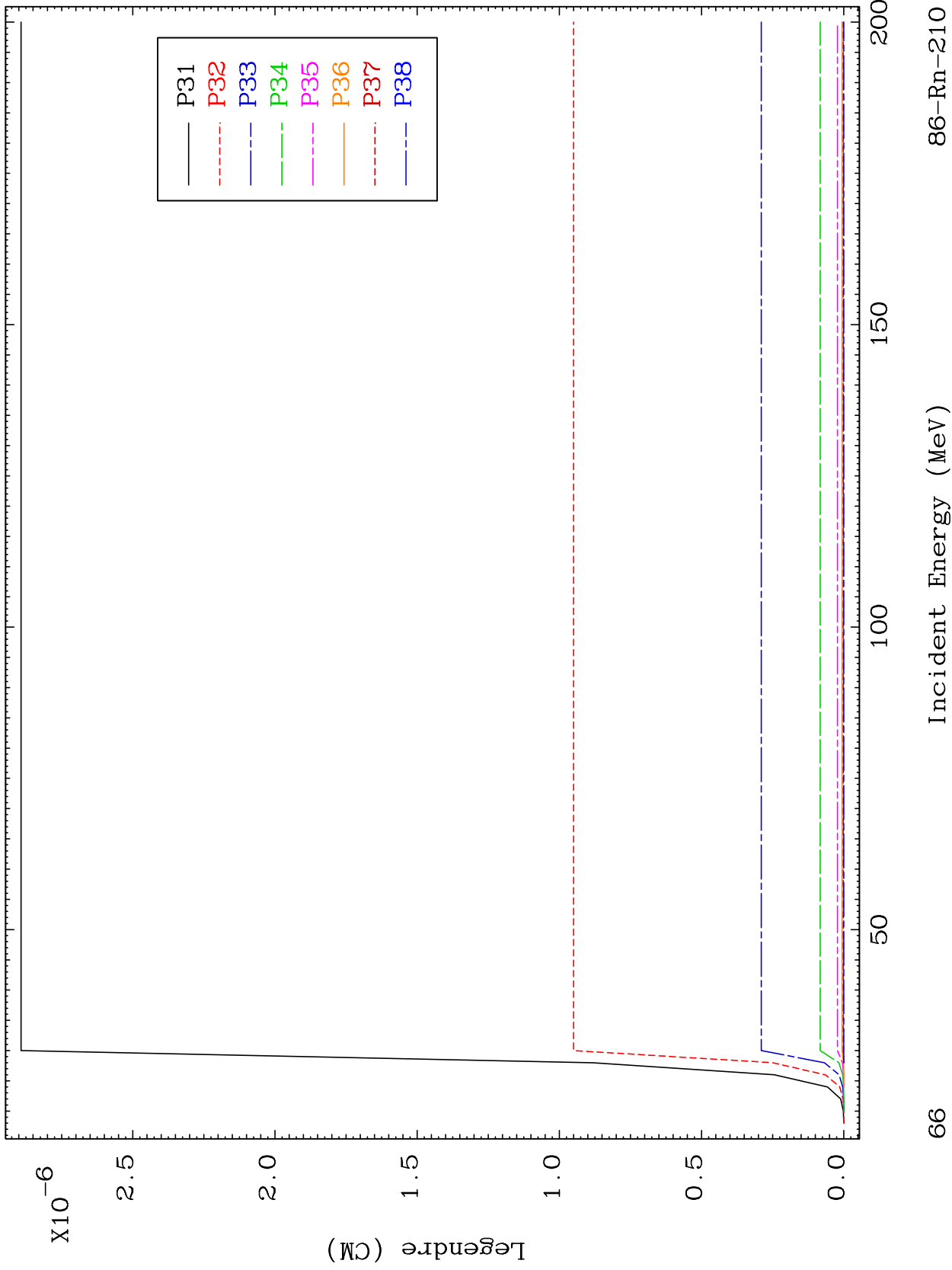
86-Rn-210



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Incident Energy (MeV)

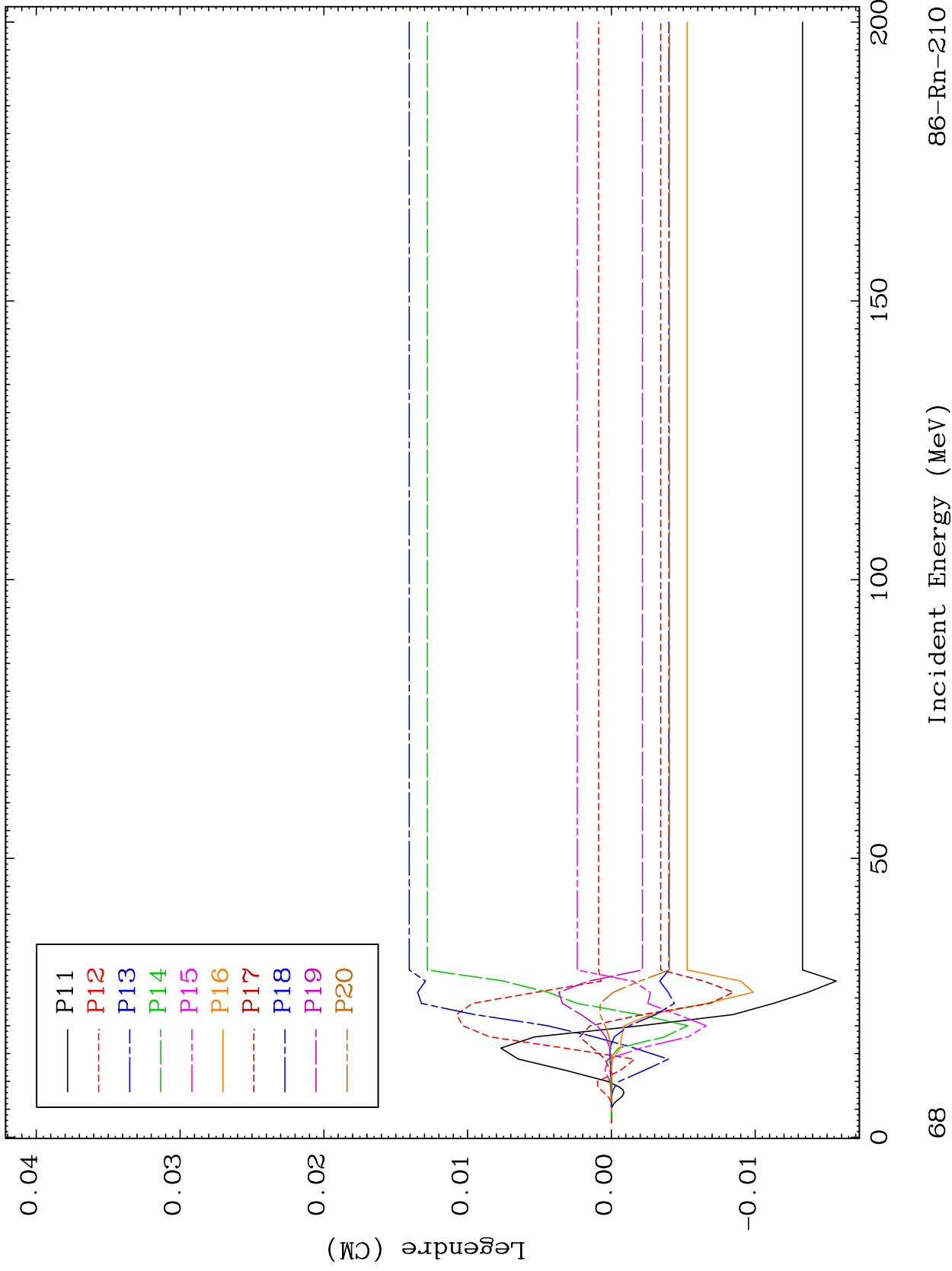
86-Rn-210



MAT 8622

1.769 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



68

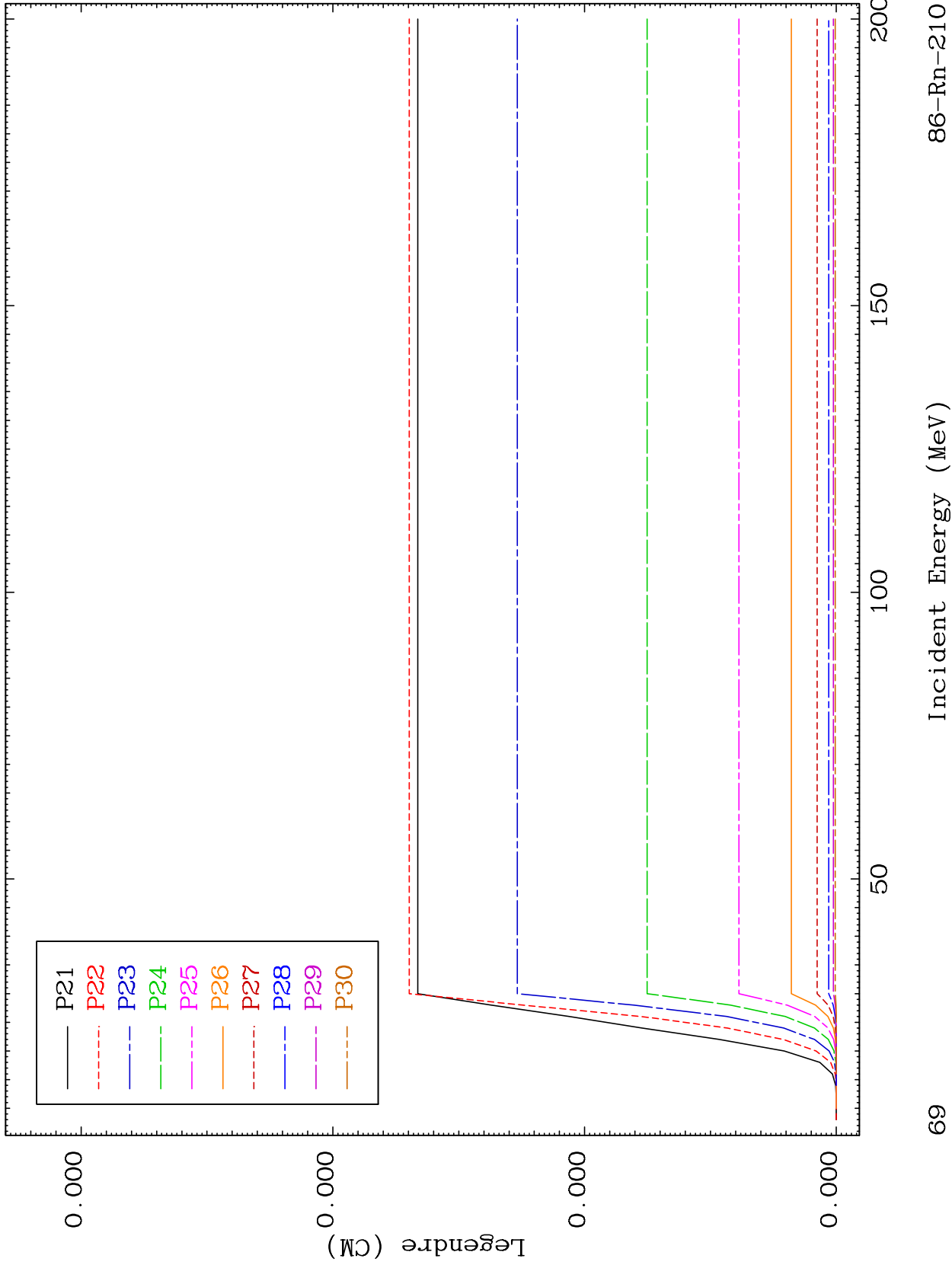
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.769 MeV (n,n') Level
Legendre Coefficients

86-Rn-210

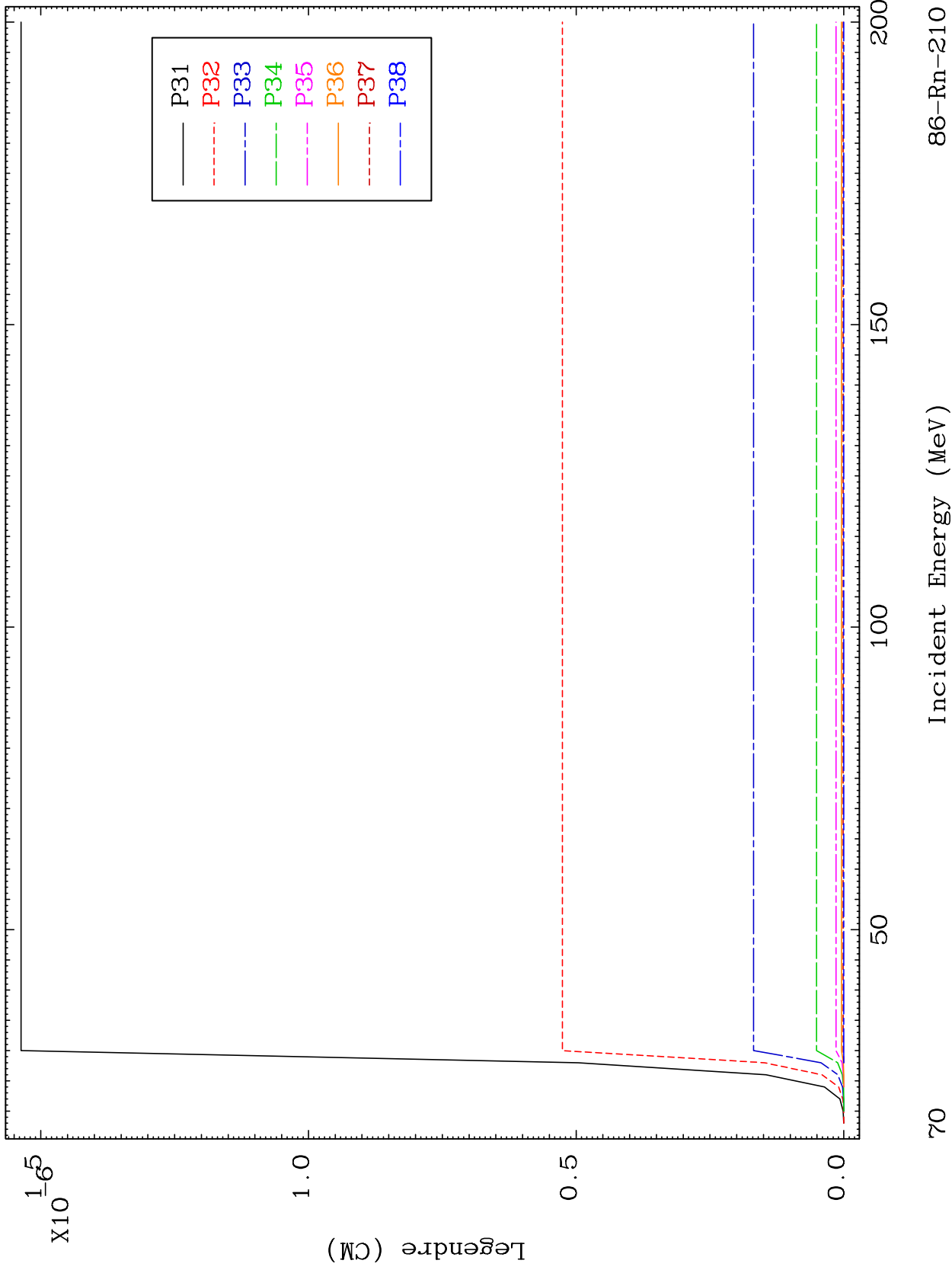


69

MAT 8622

1.769 MeV (n,n') Level
Legendre Coefficients

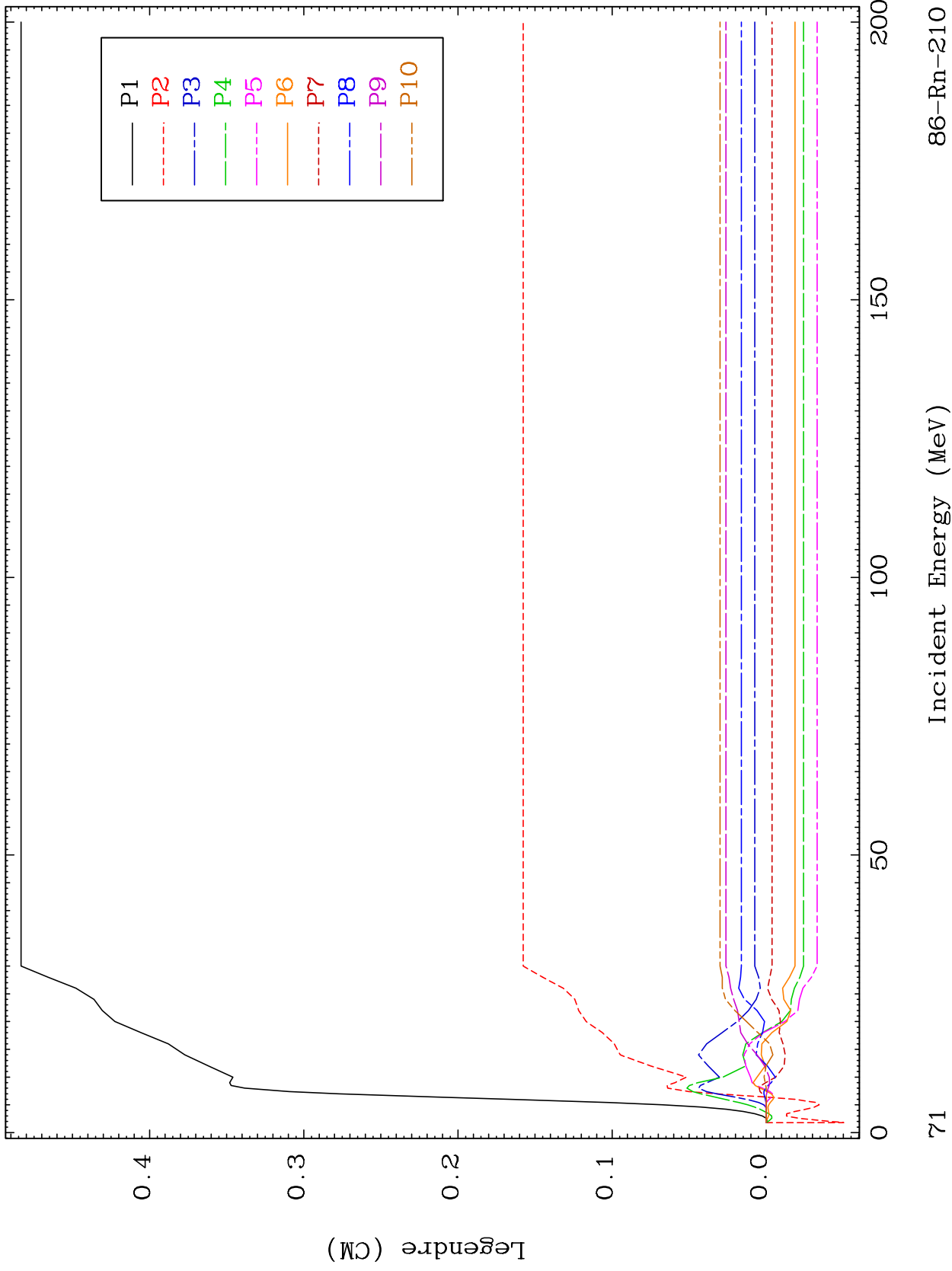
86-Rn-210



MAT 86222

1.775 MeV (n,n') Level
Legendre Coefficients

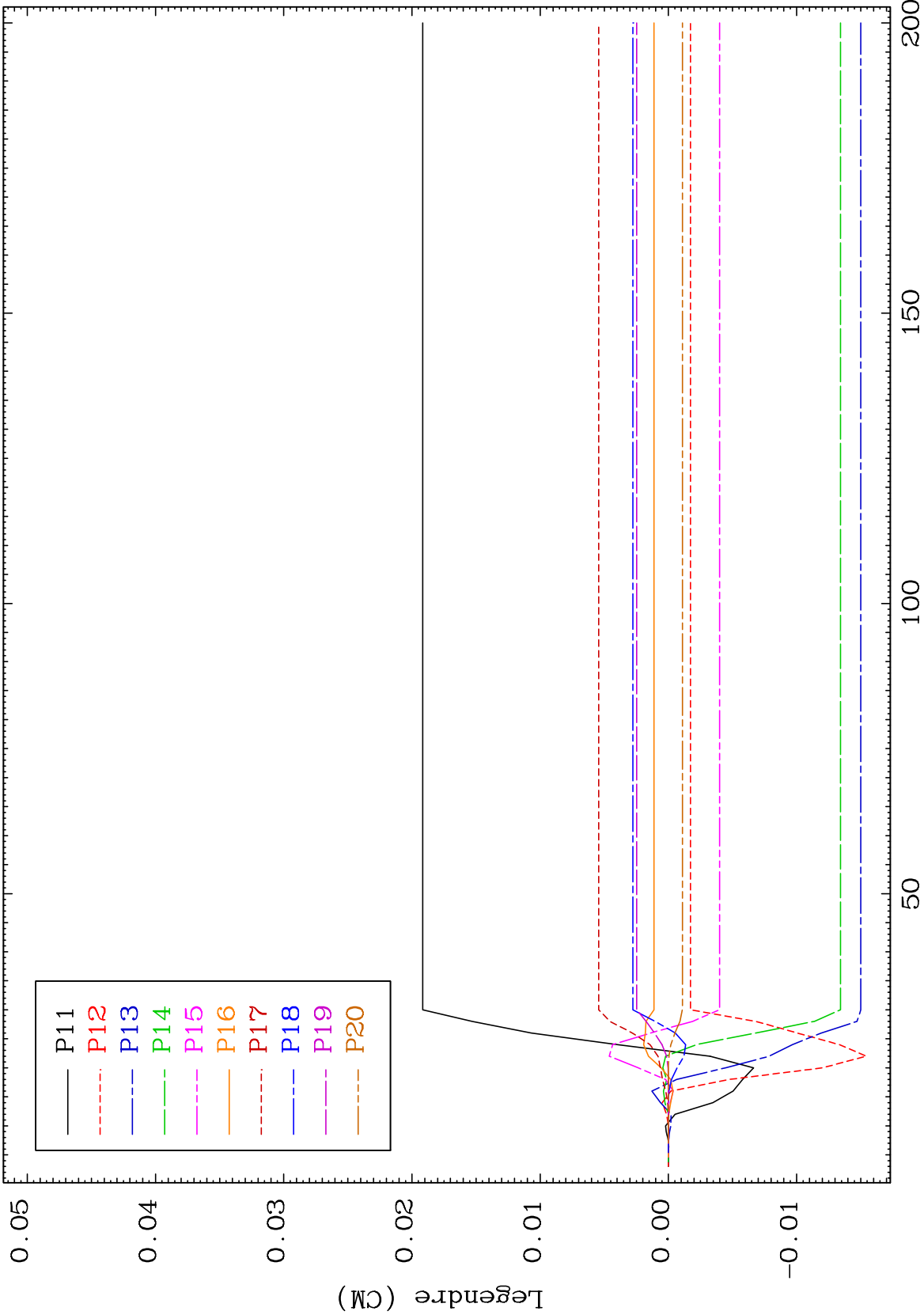
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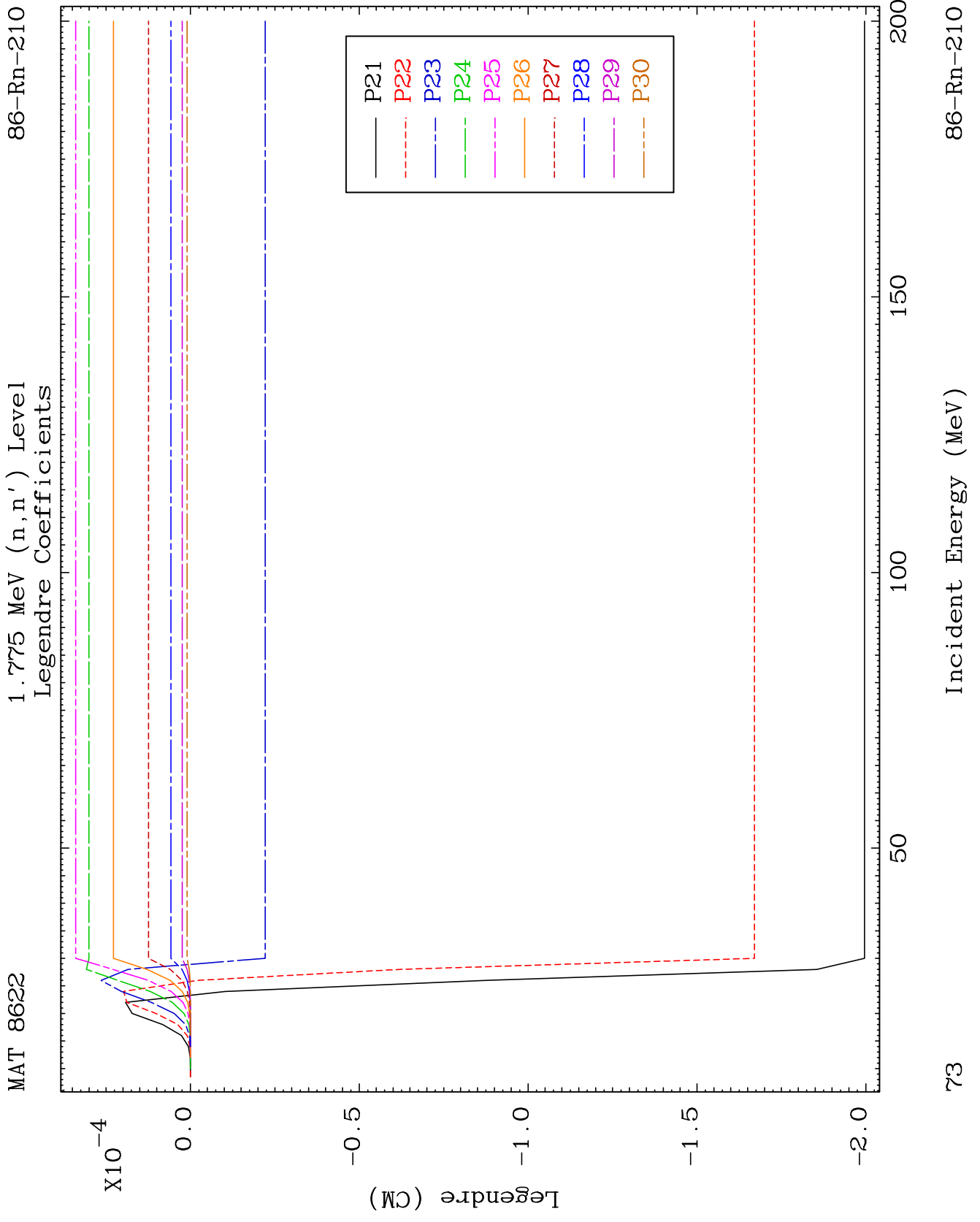


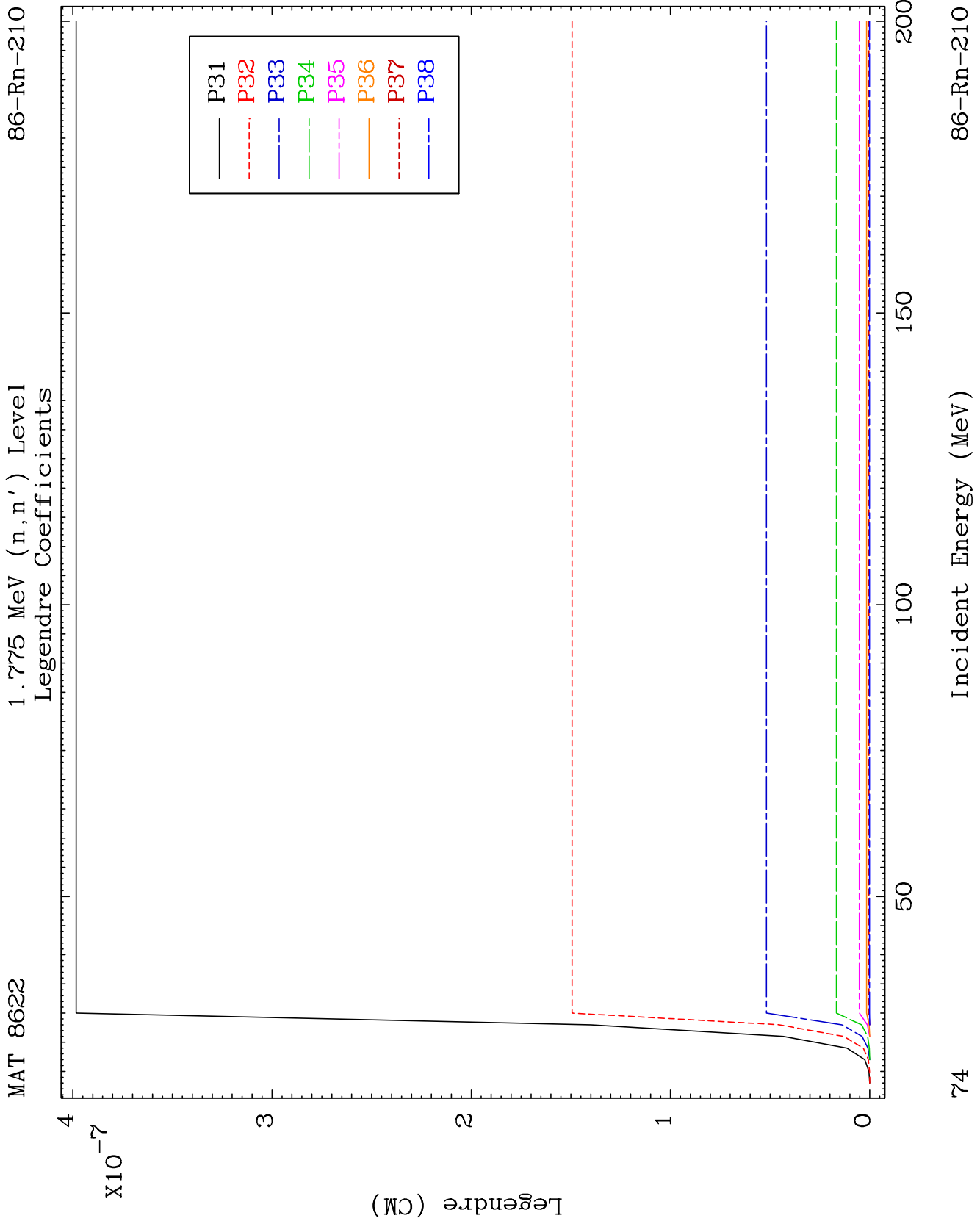
71

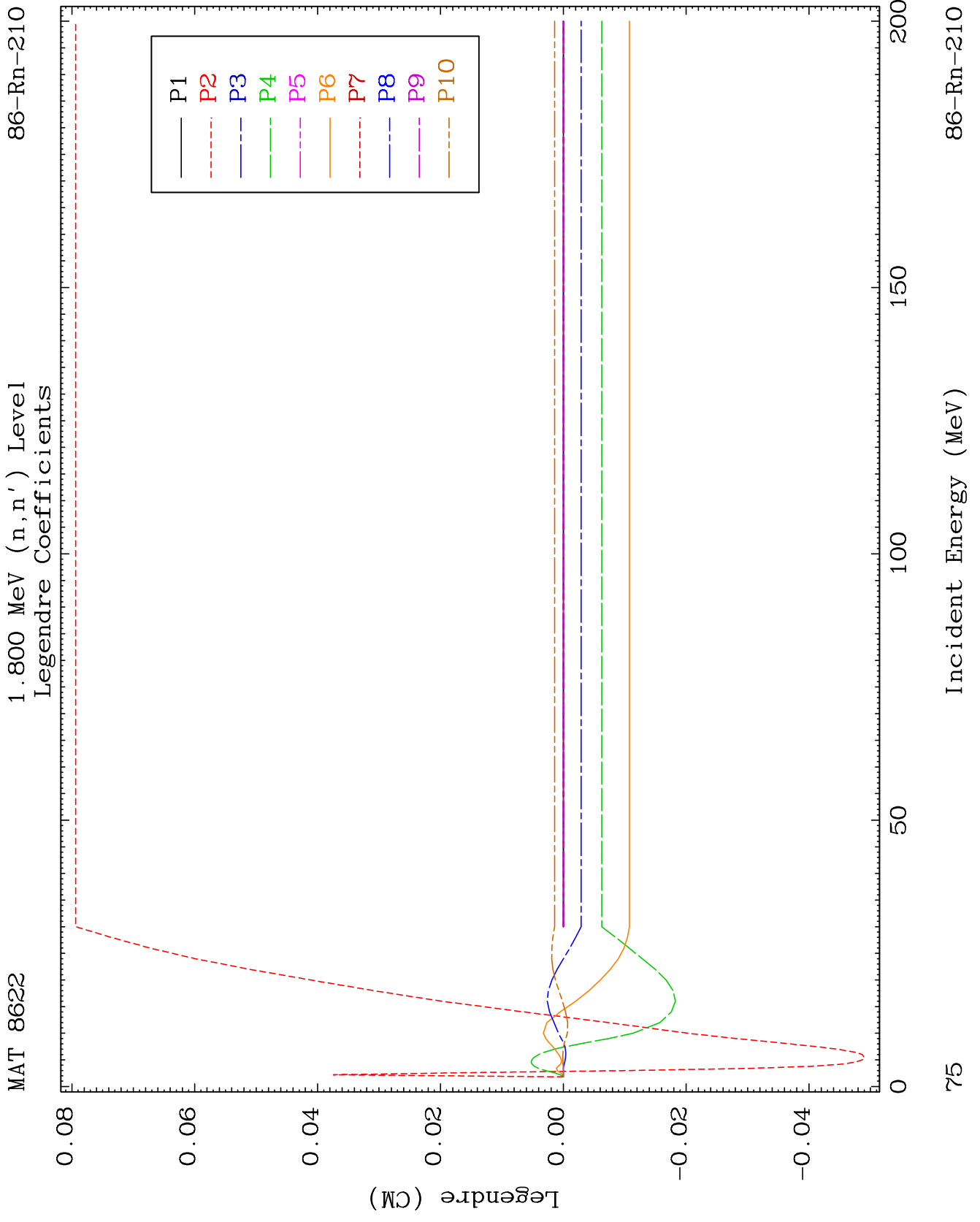
Incident Energy (MeV)

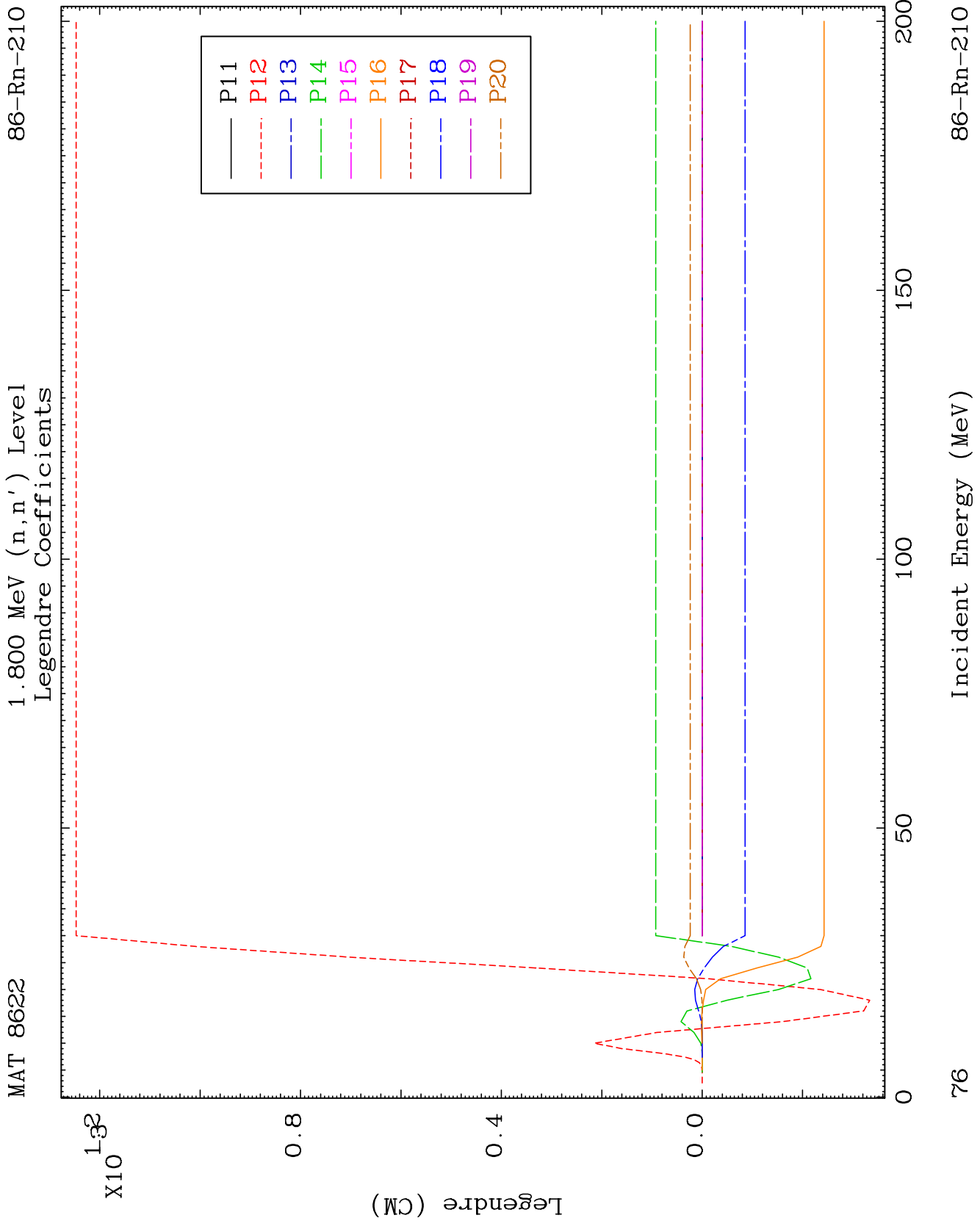
86-Rn-210

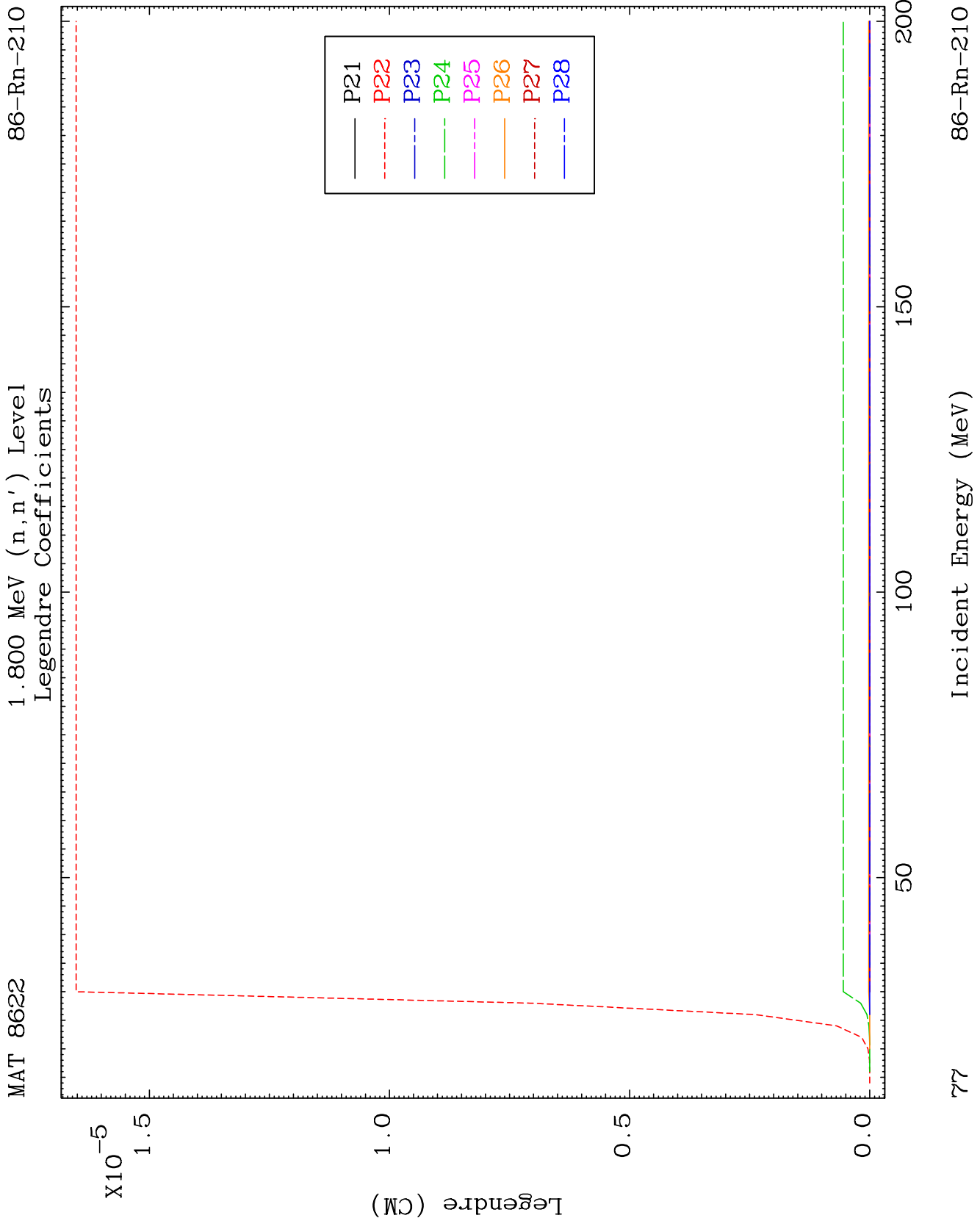








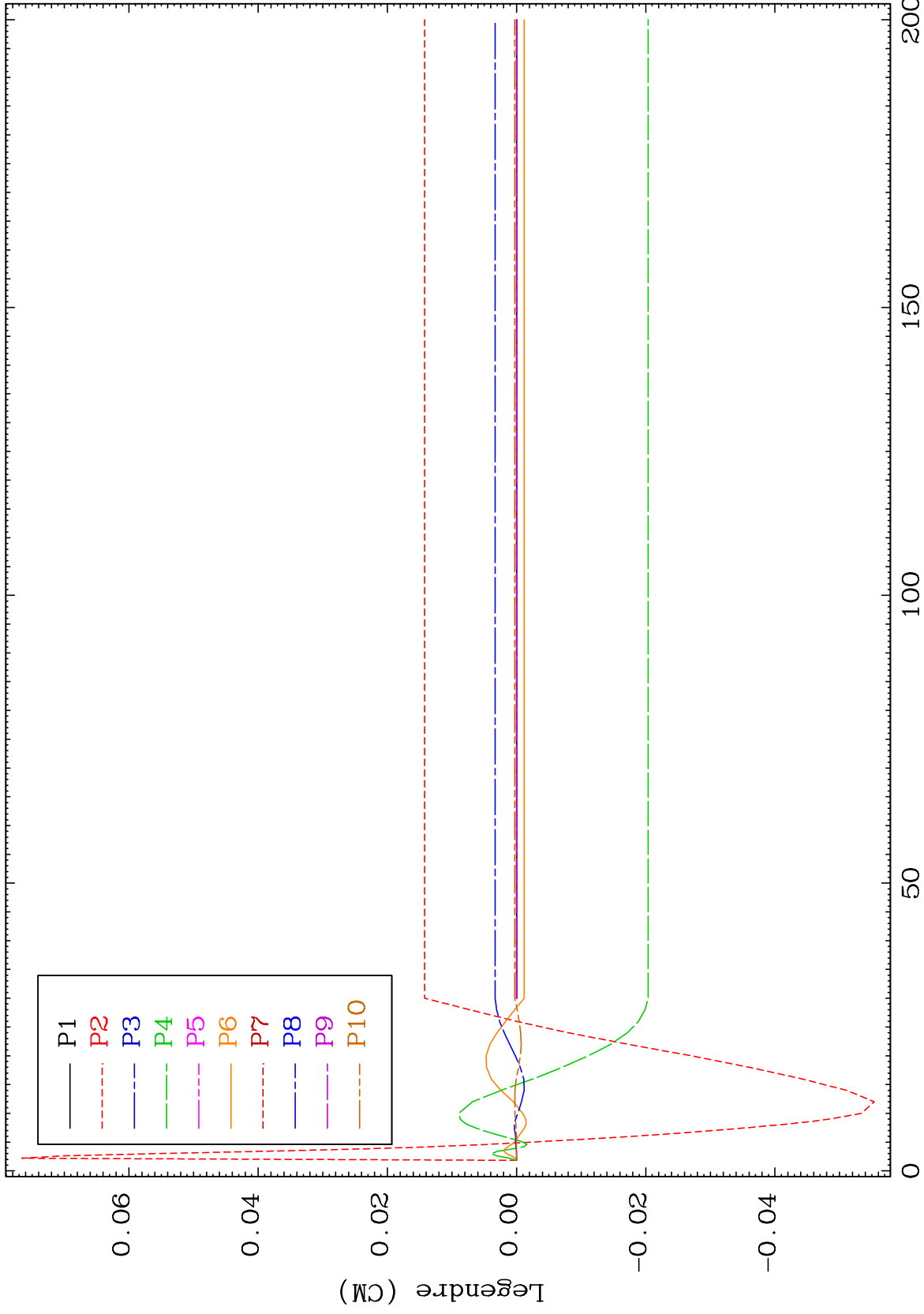




MAT 86222

1.821 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



86-Rn-210

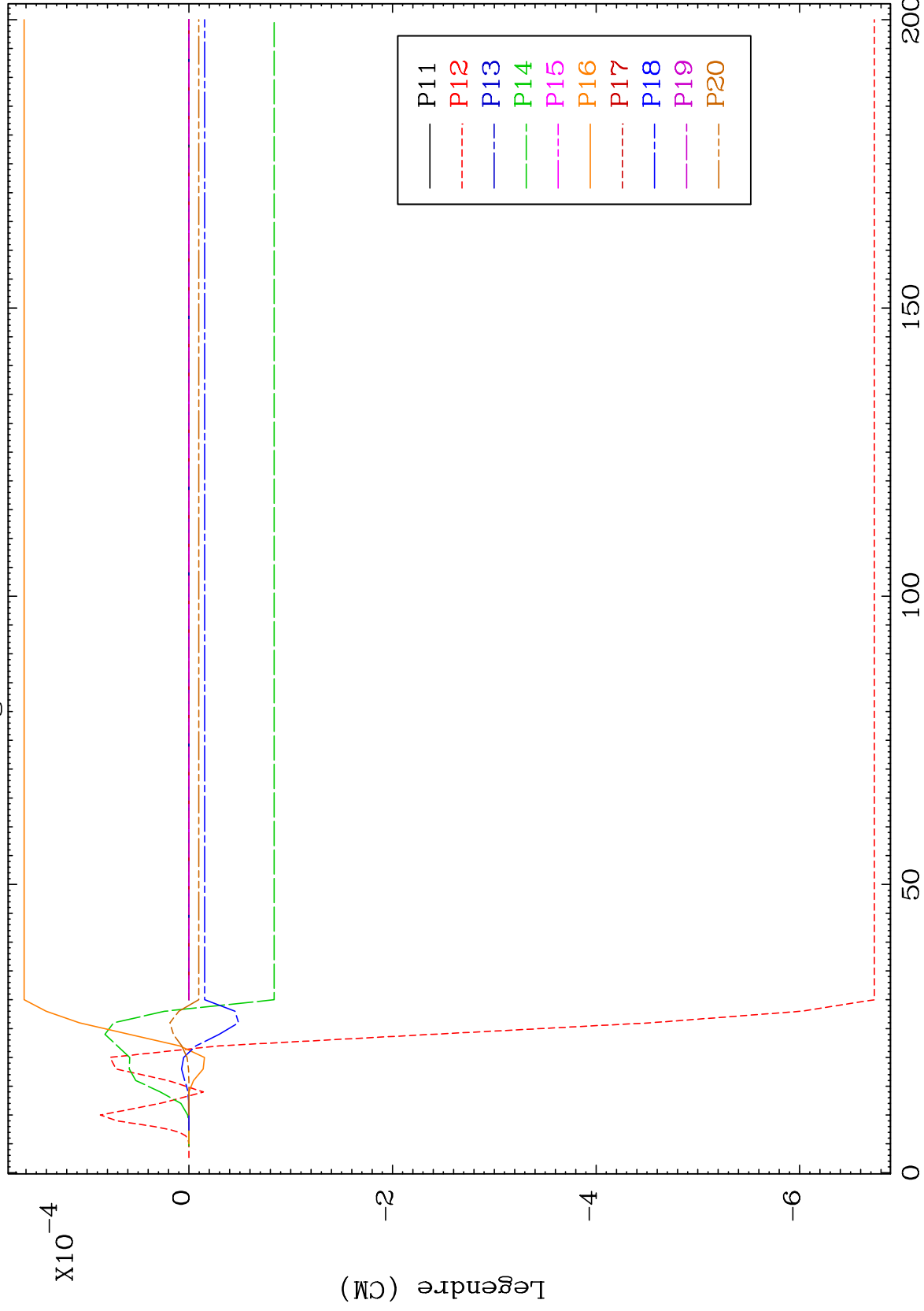
Incident Energy (MeV)

78

MAT 8622

1.821 MeV (n,n') Level
Legendre Coefficients

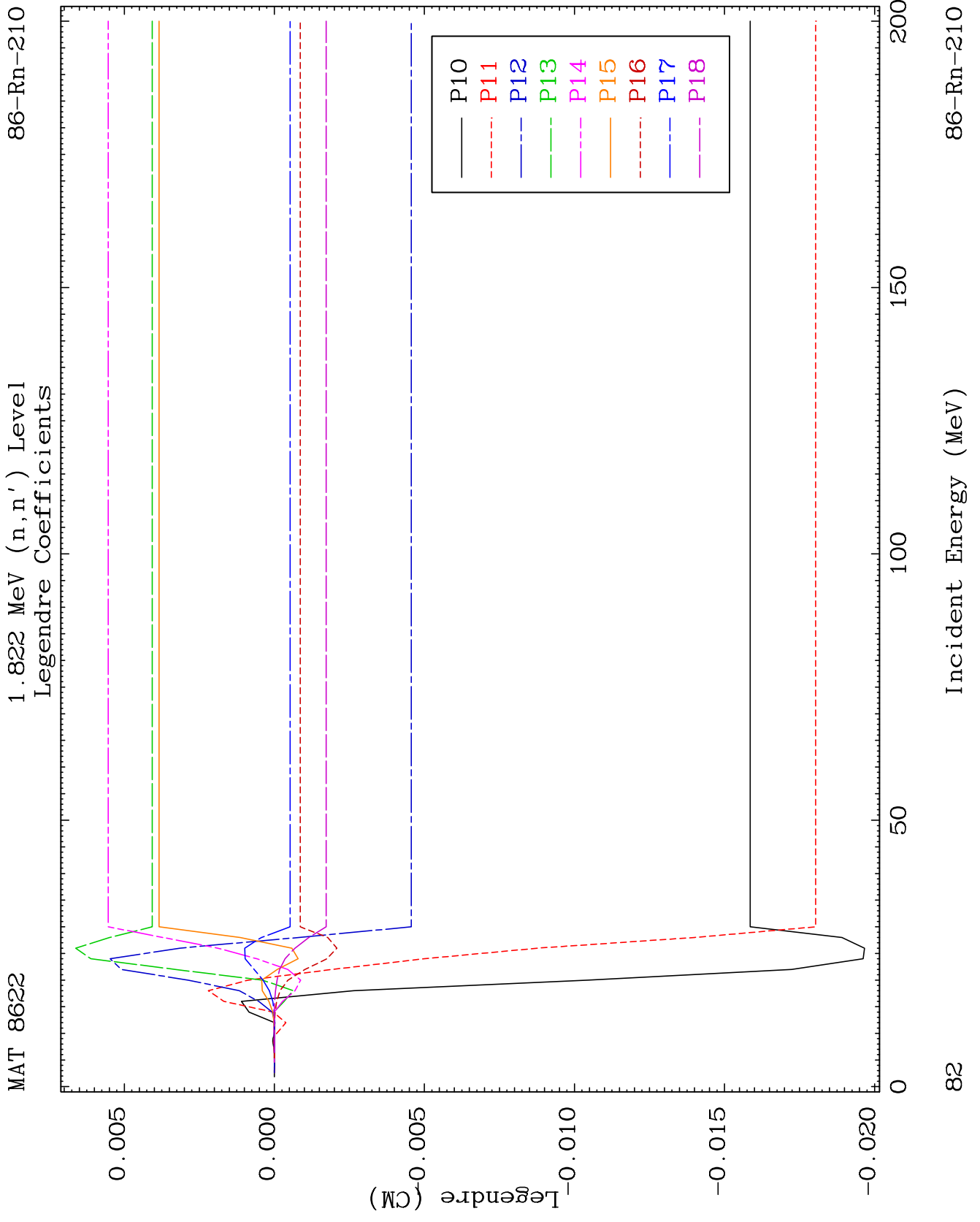
86-Rn-210



79

Incident Energy (MeV)

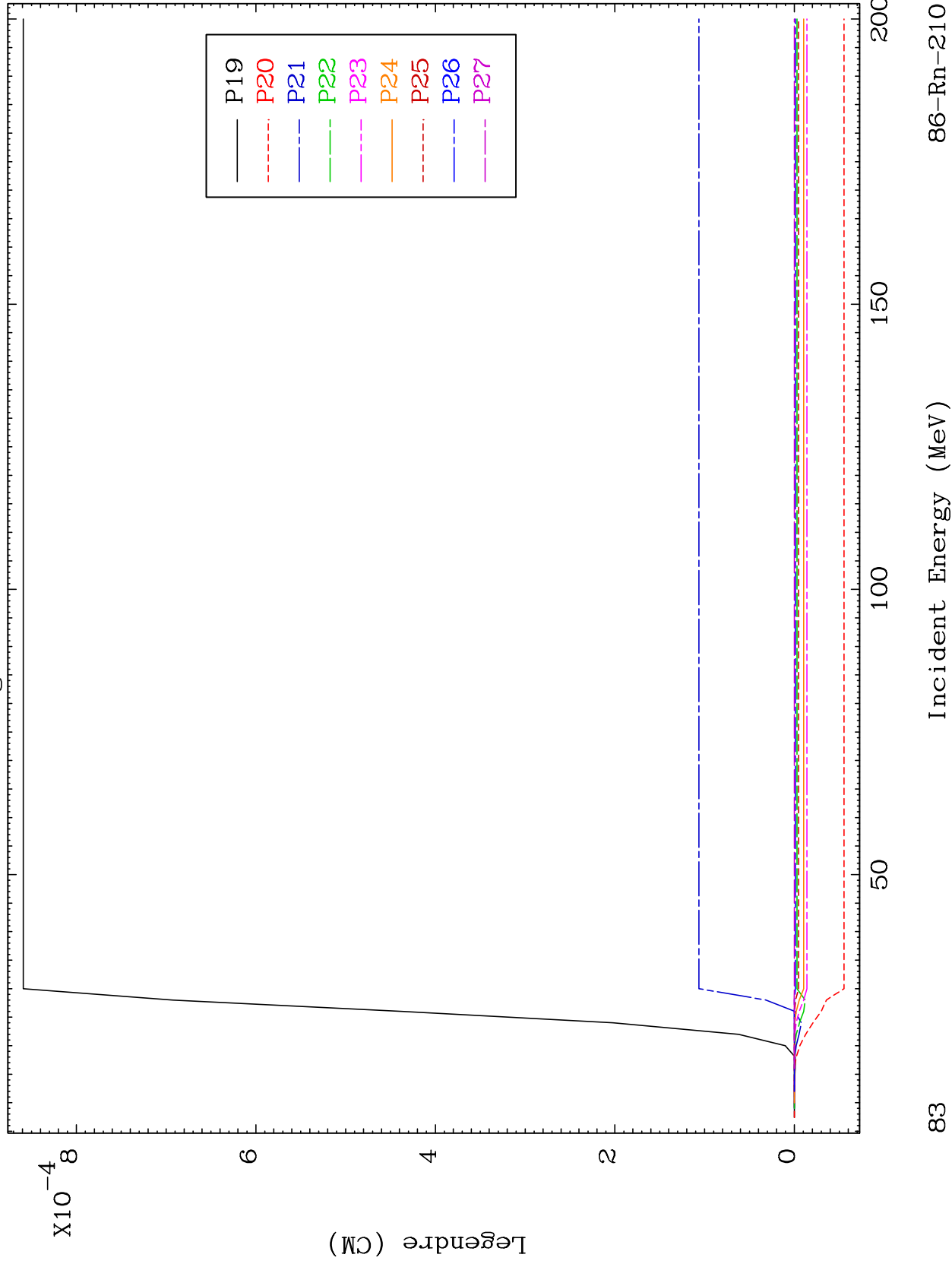
86-Rn-210

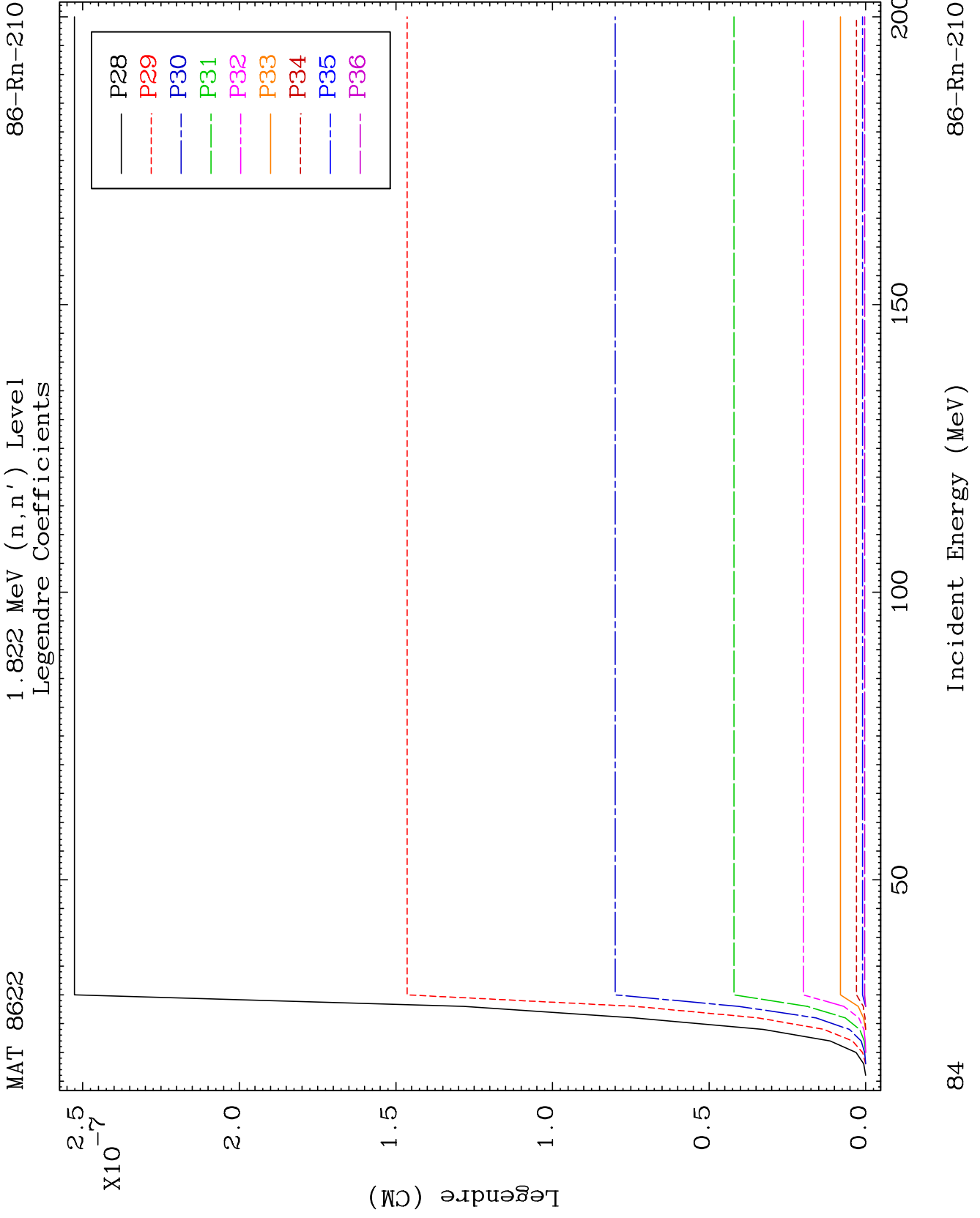


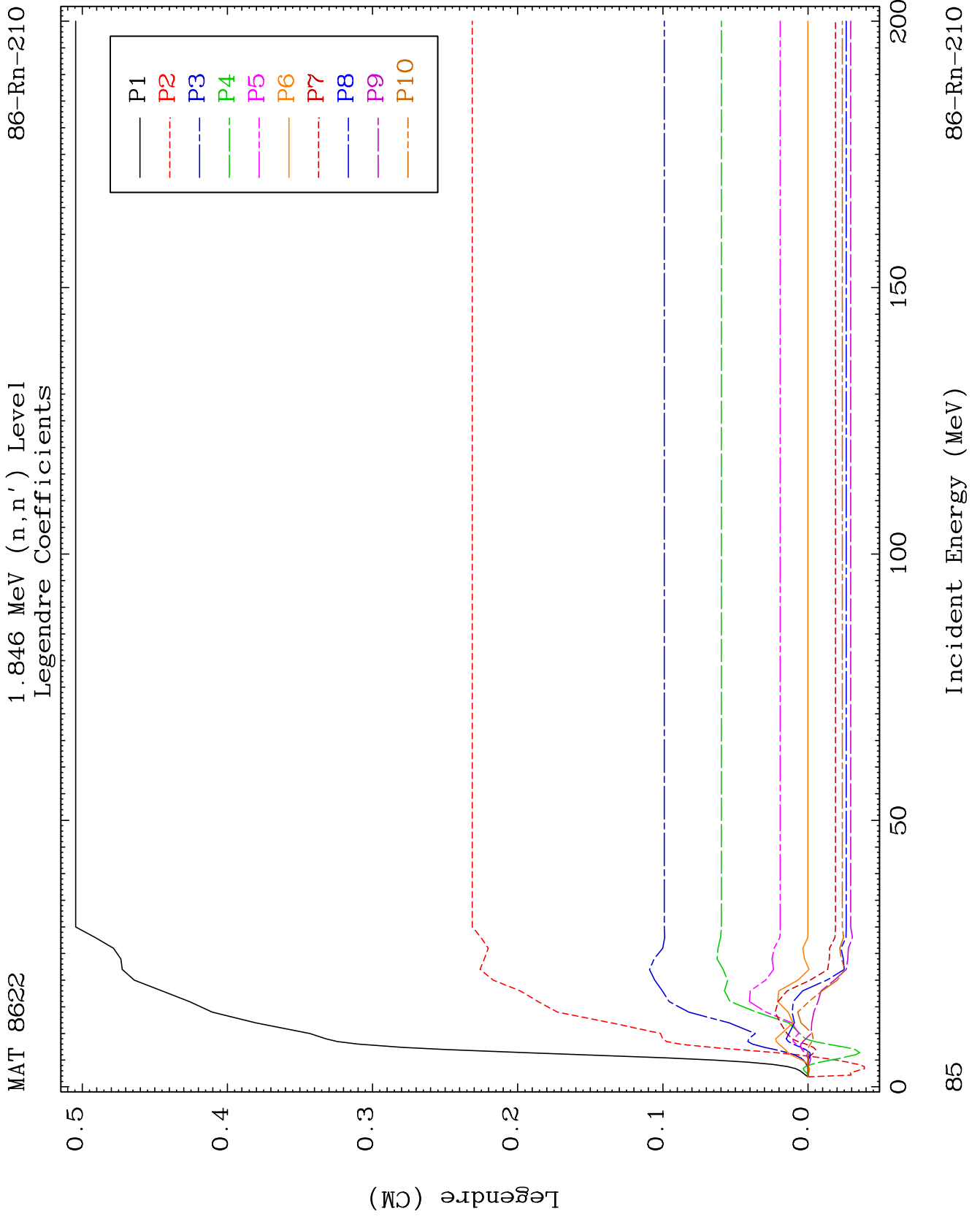
MAT 86222

1.822 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



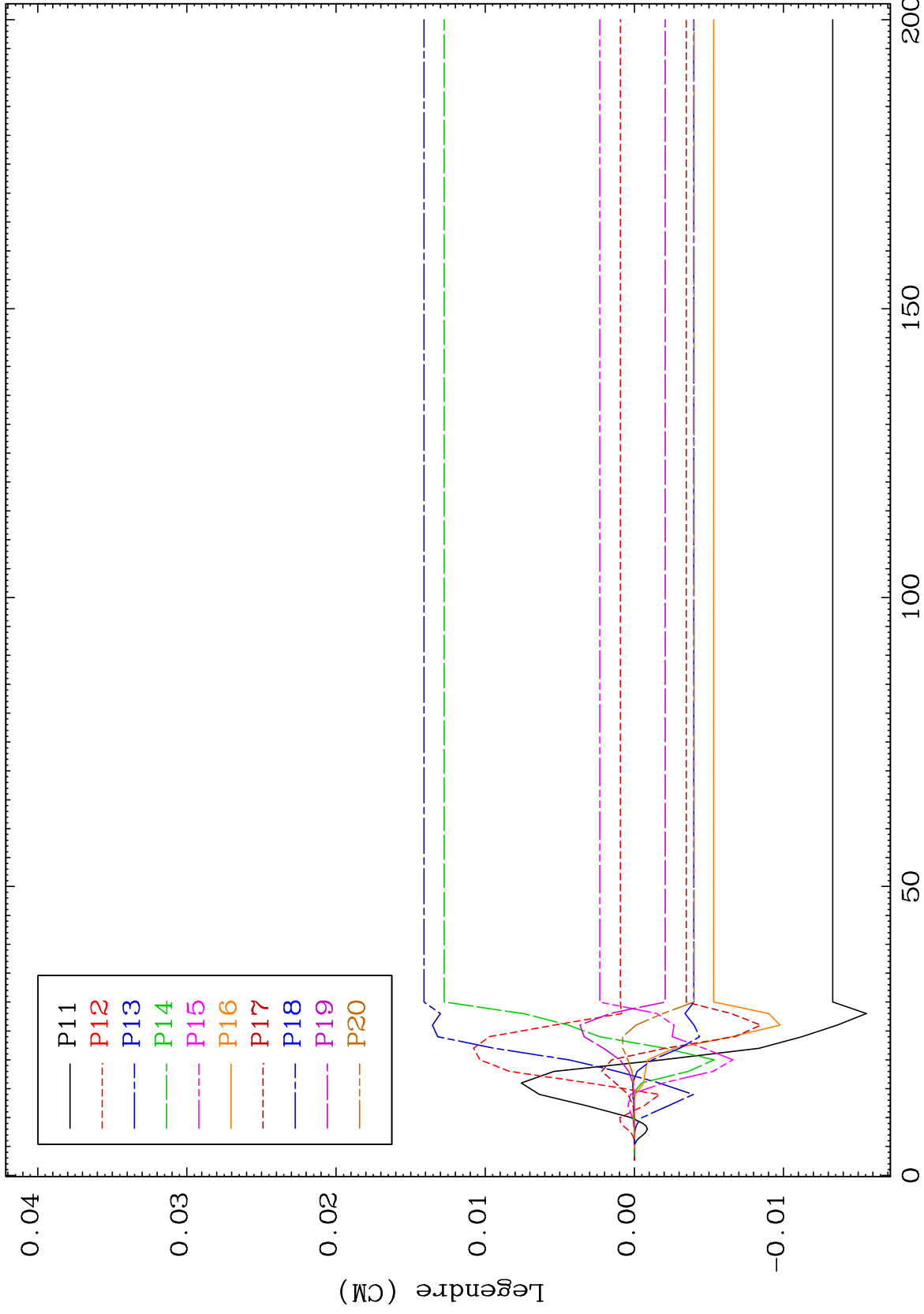




MAT 86222

1.846 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



86

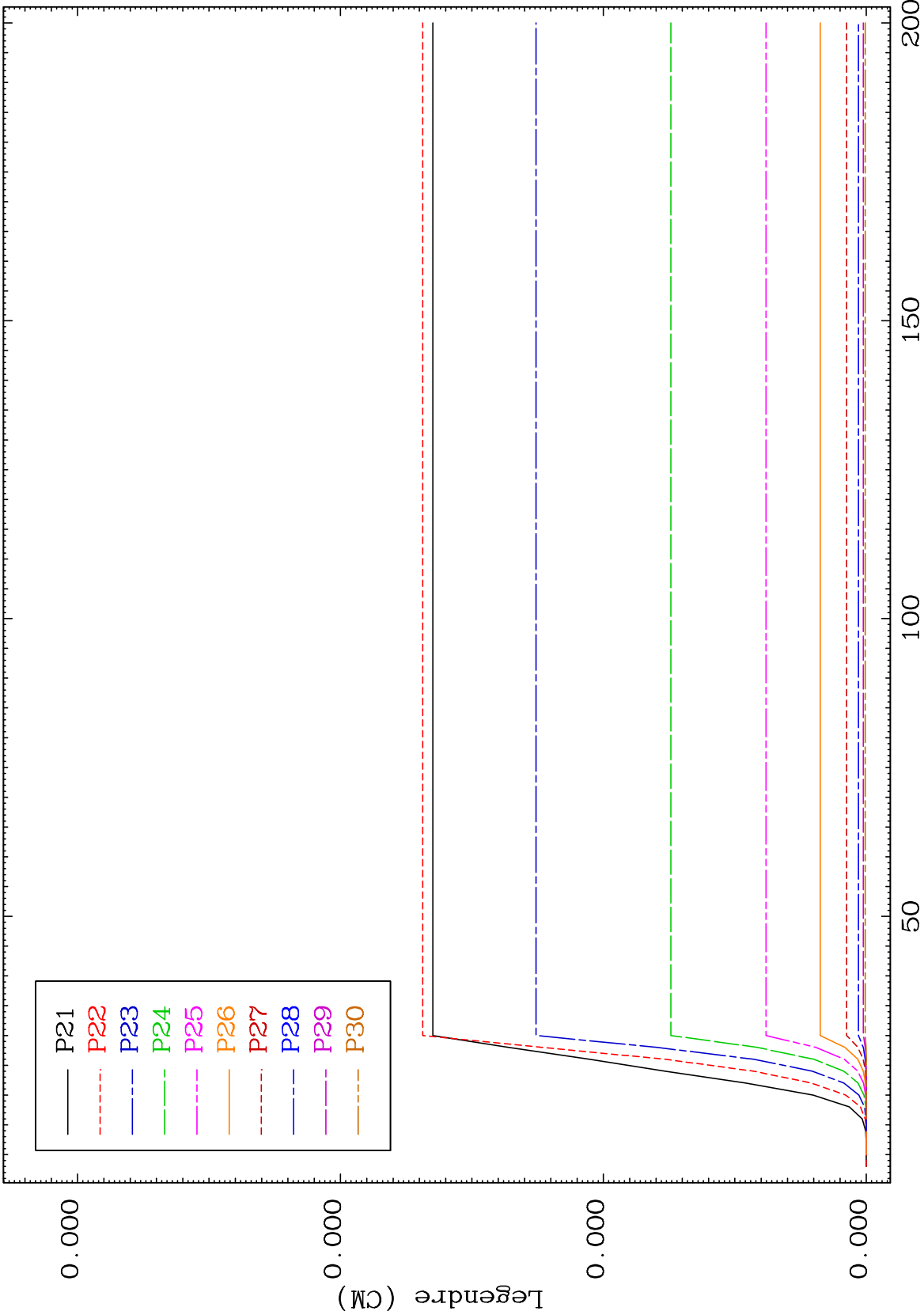
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.846 MeV (n, n') Level
Legendre Coefficients

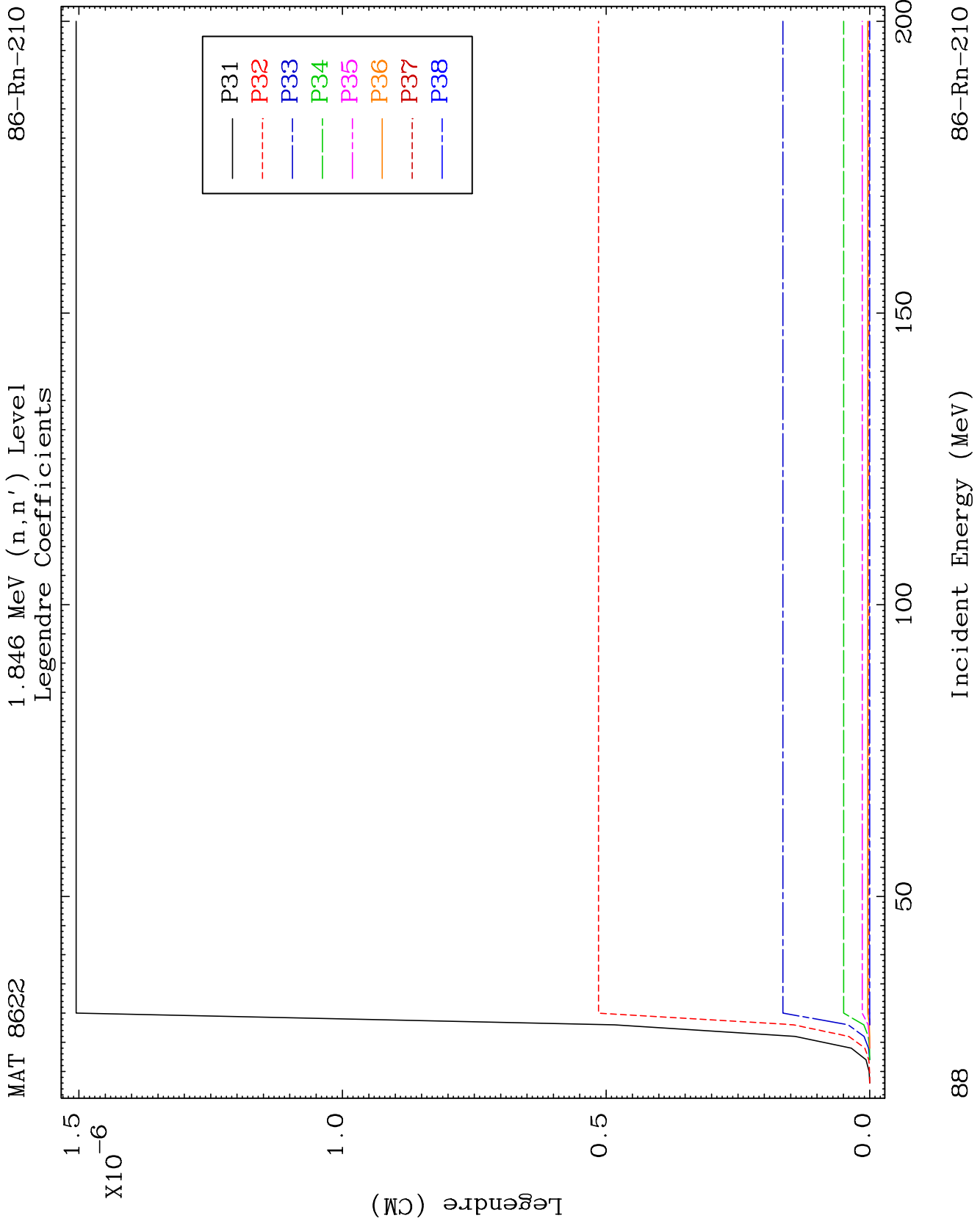
86-Rn-210

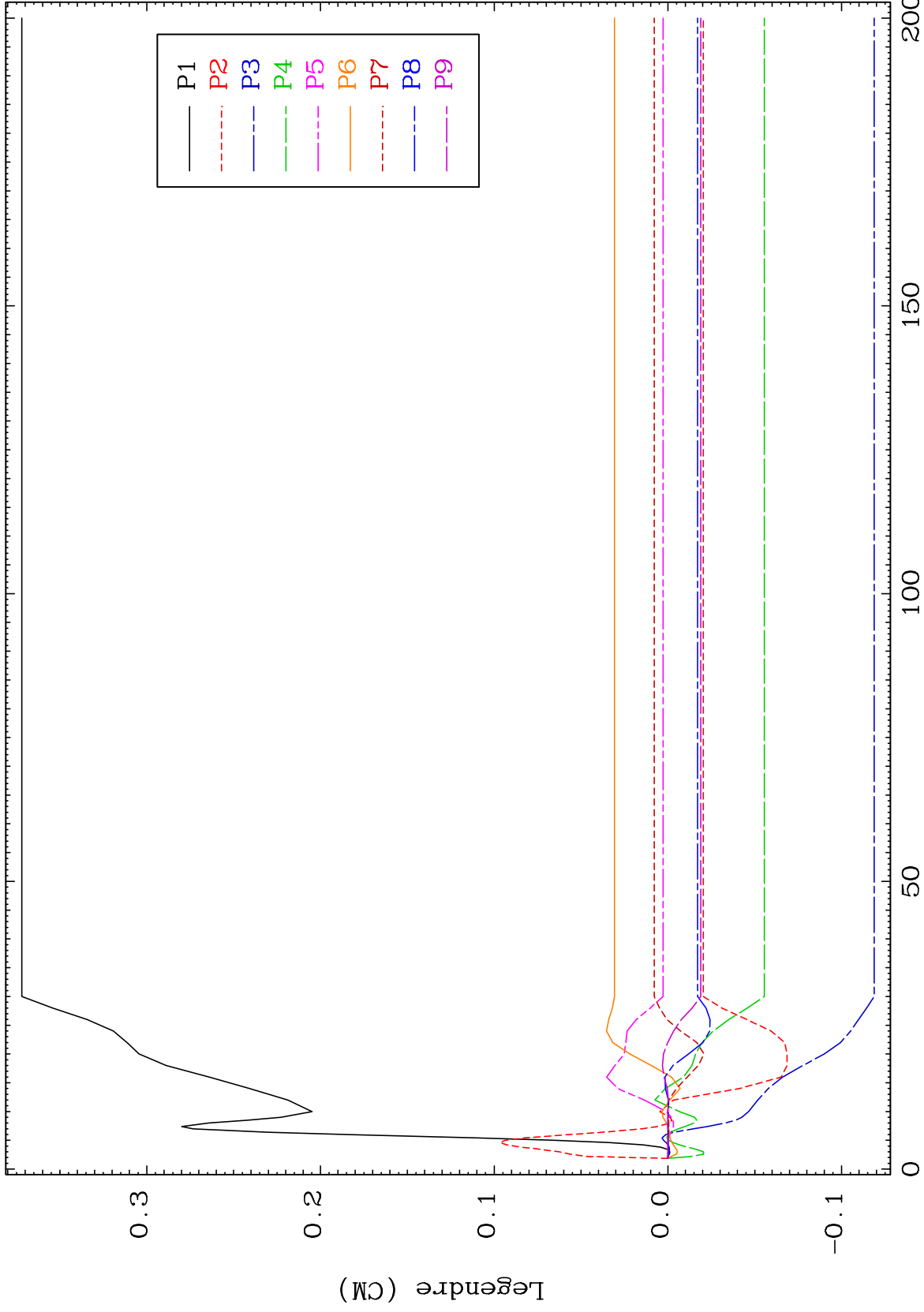


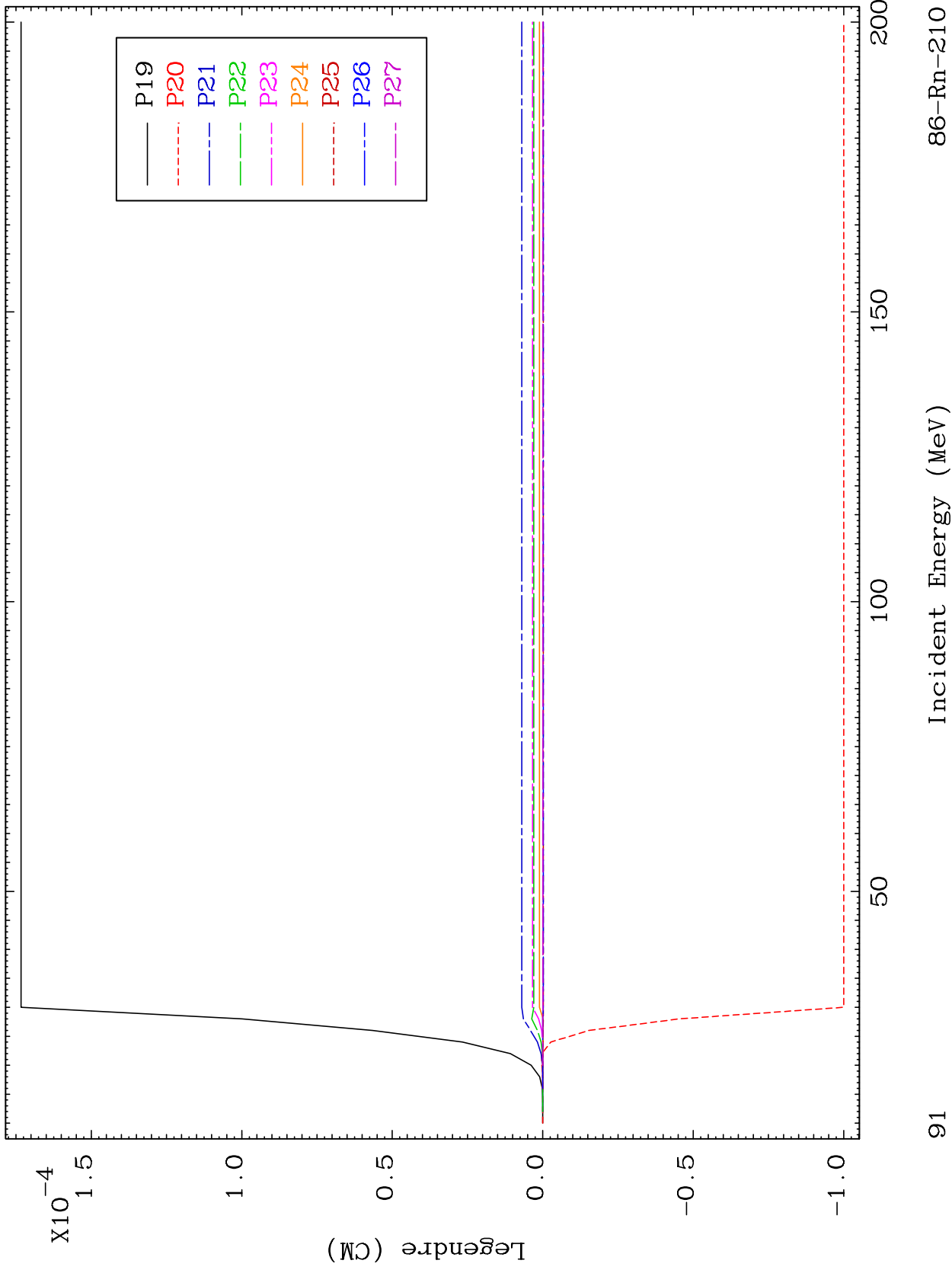
87

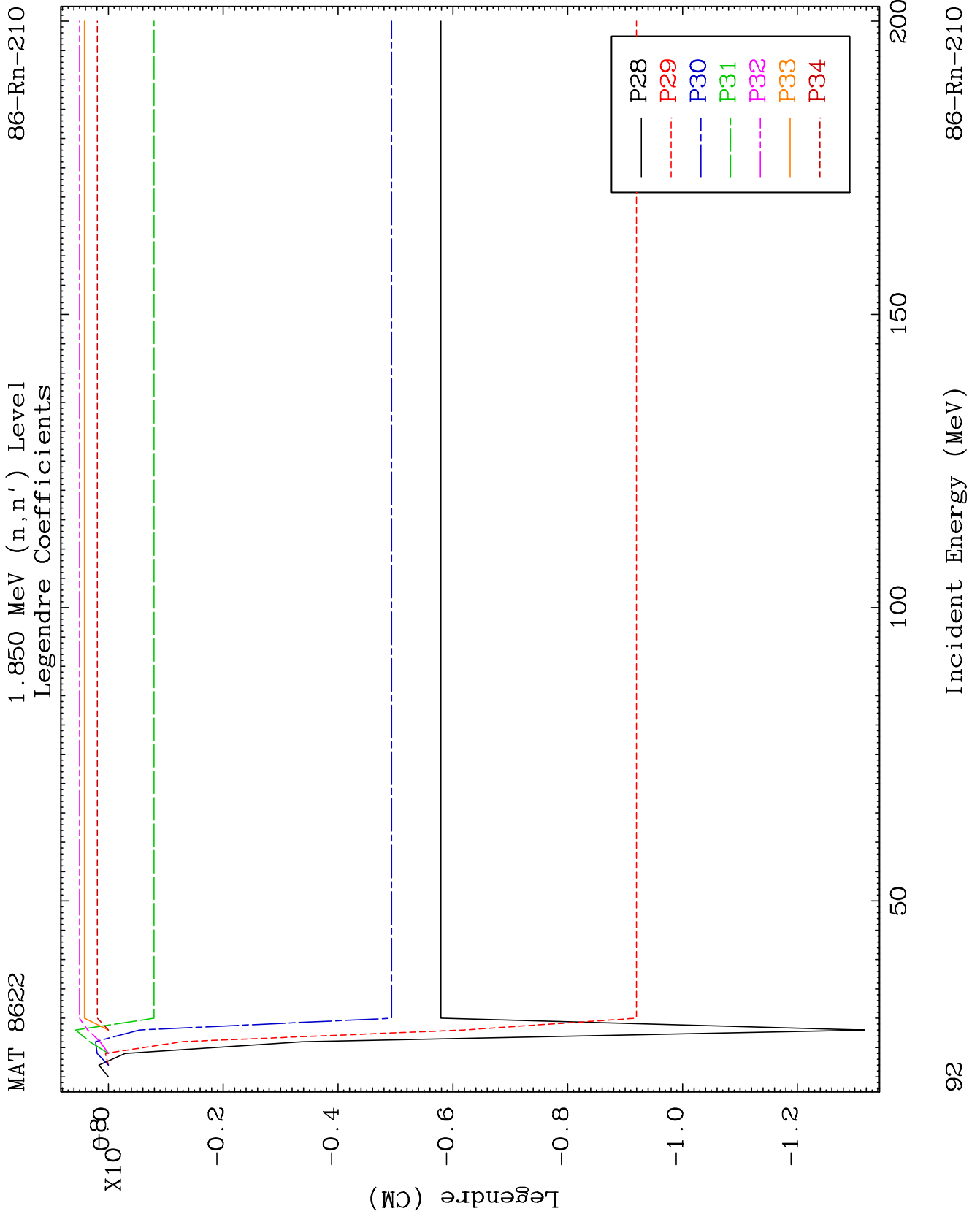
Incident Energy (MeV)

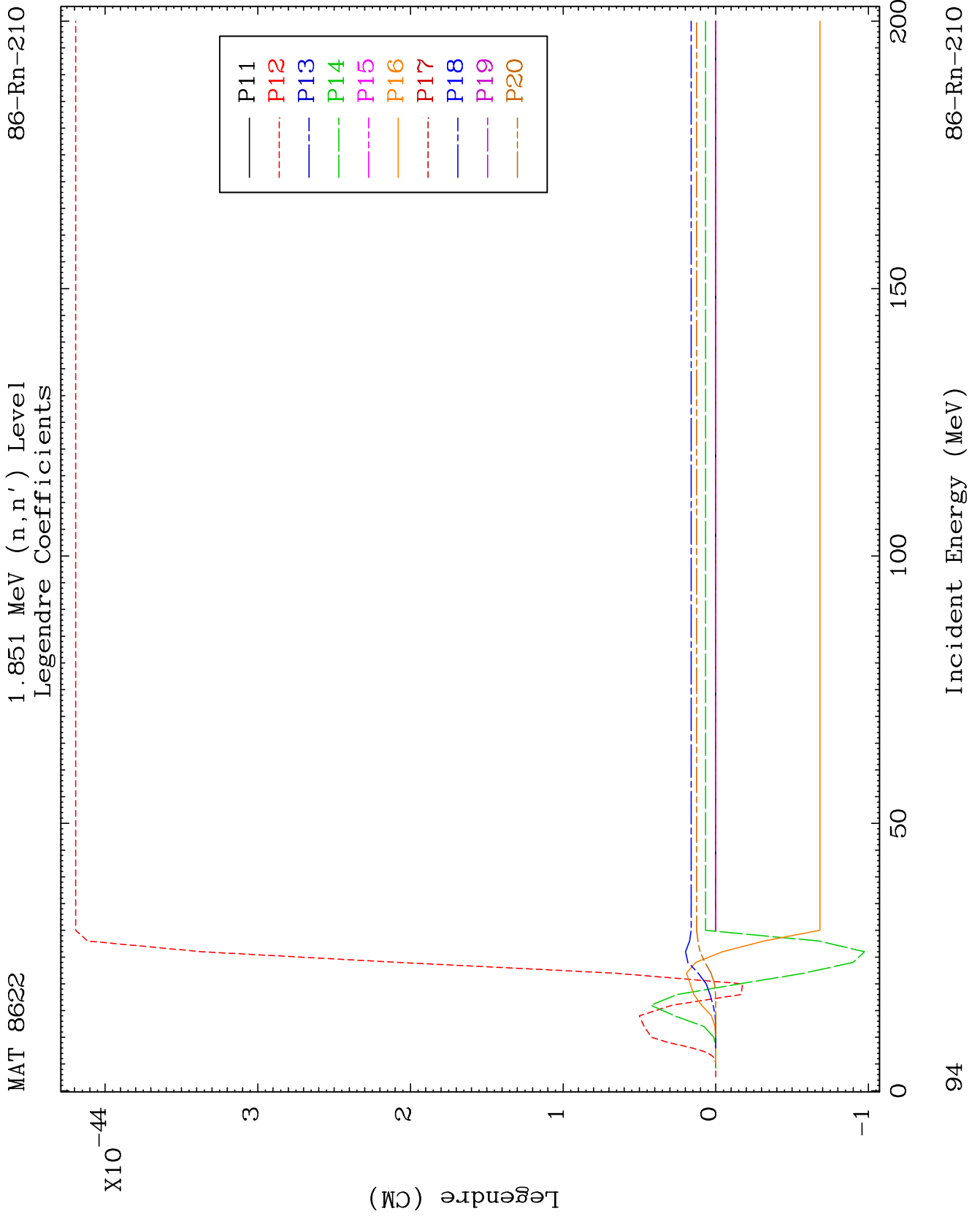
86-Rn-210







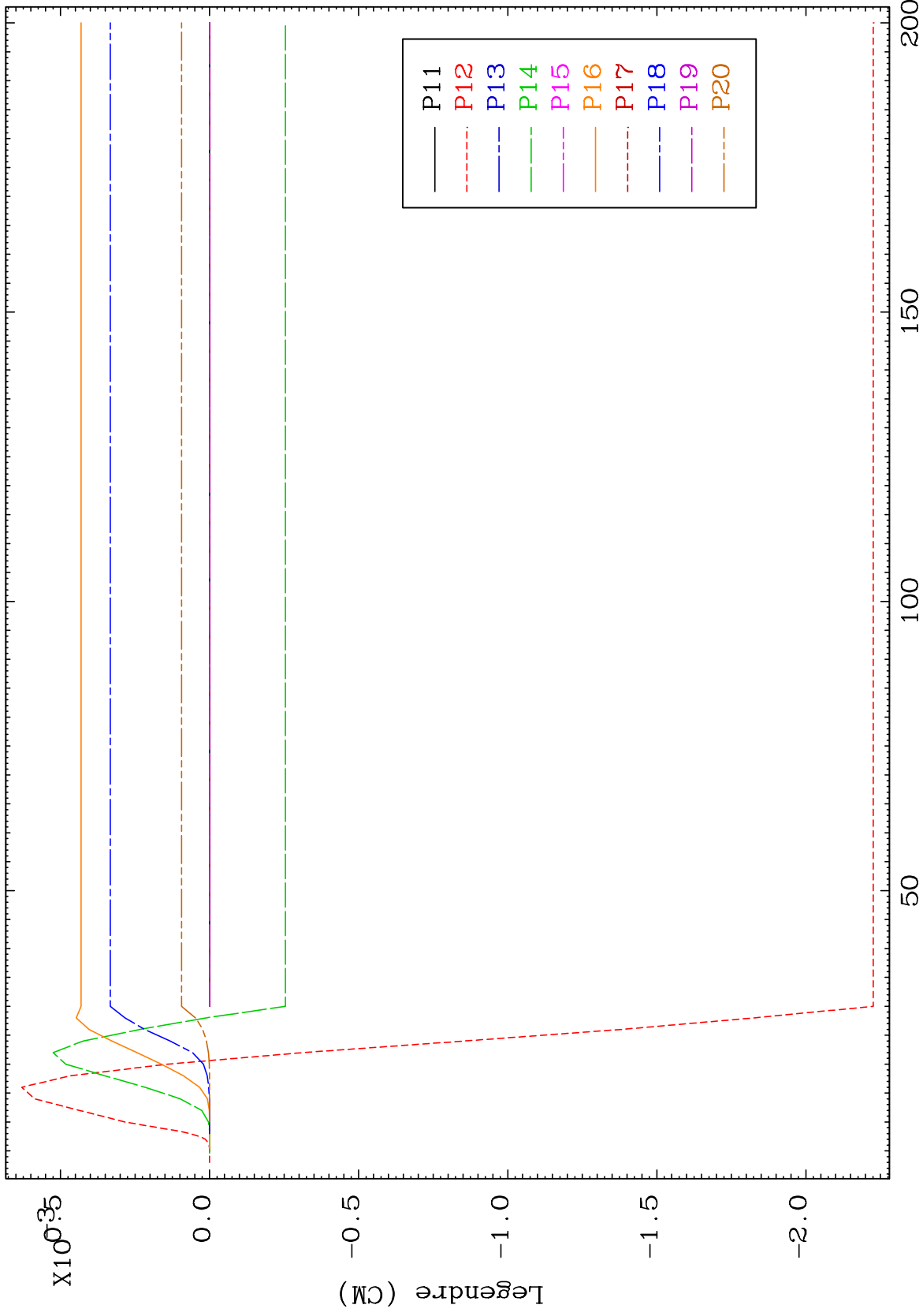


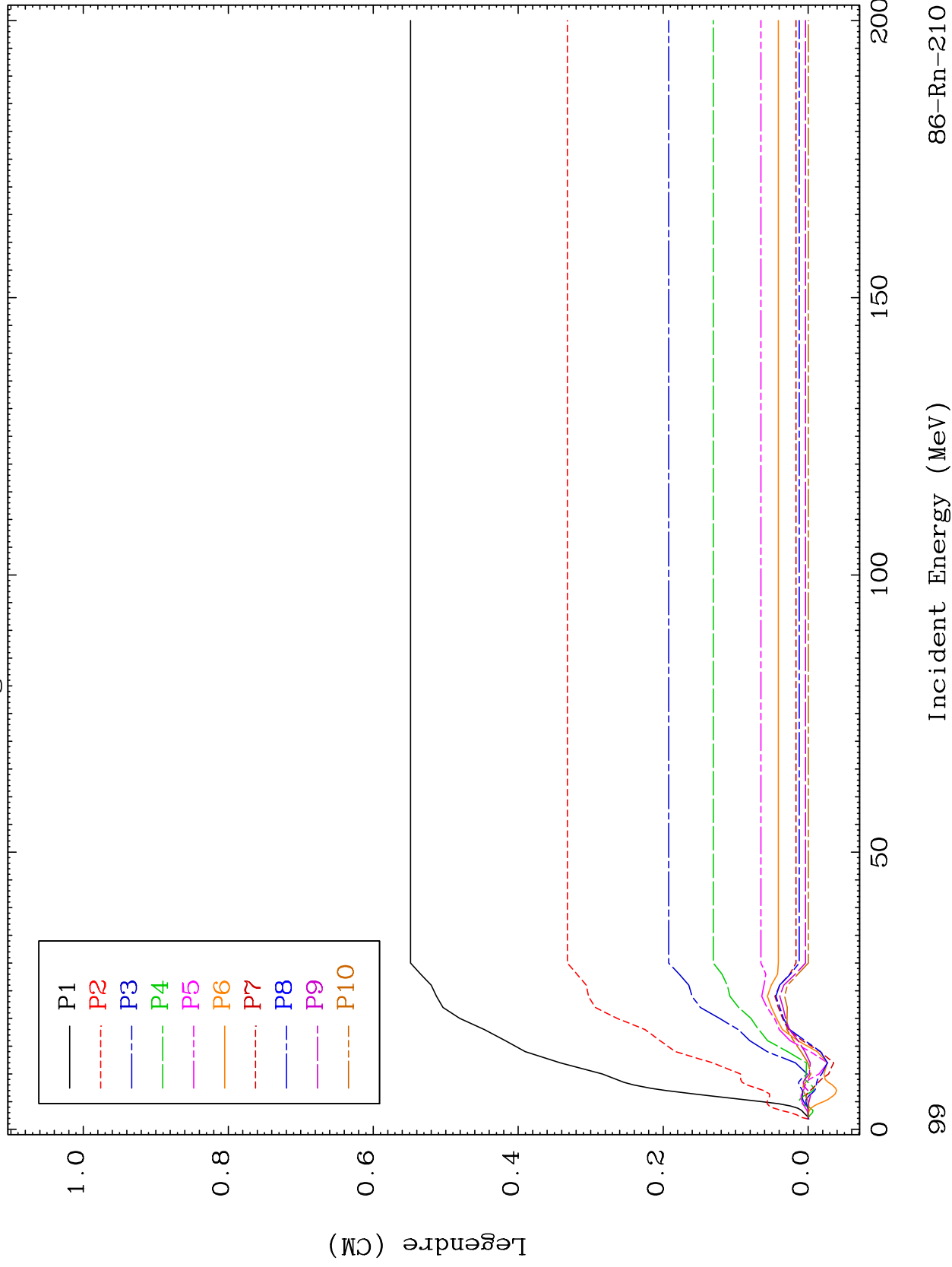


MAT 8622

1.852 MeV (n,n') Level
Legendre Coefficients

86-Rn-210

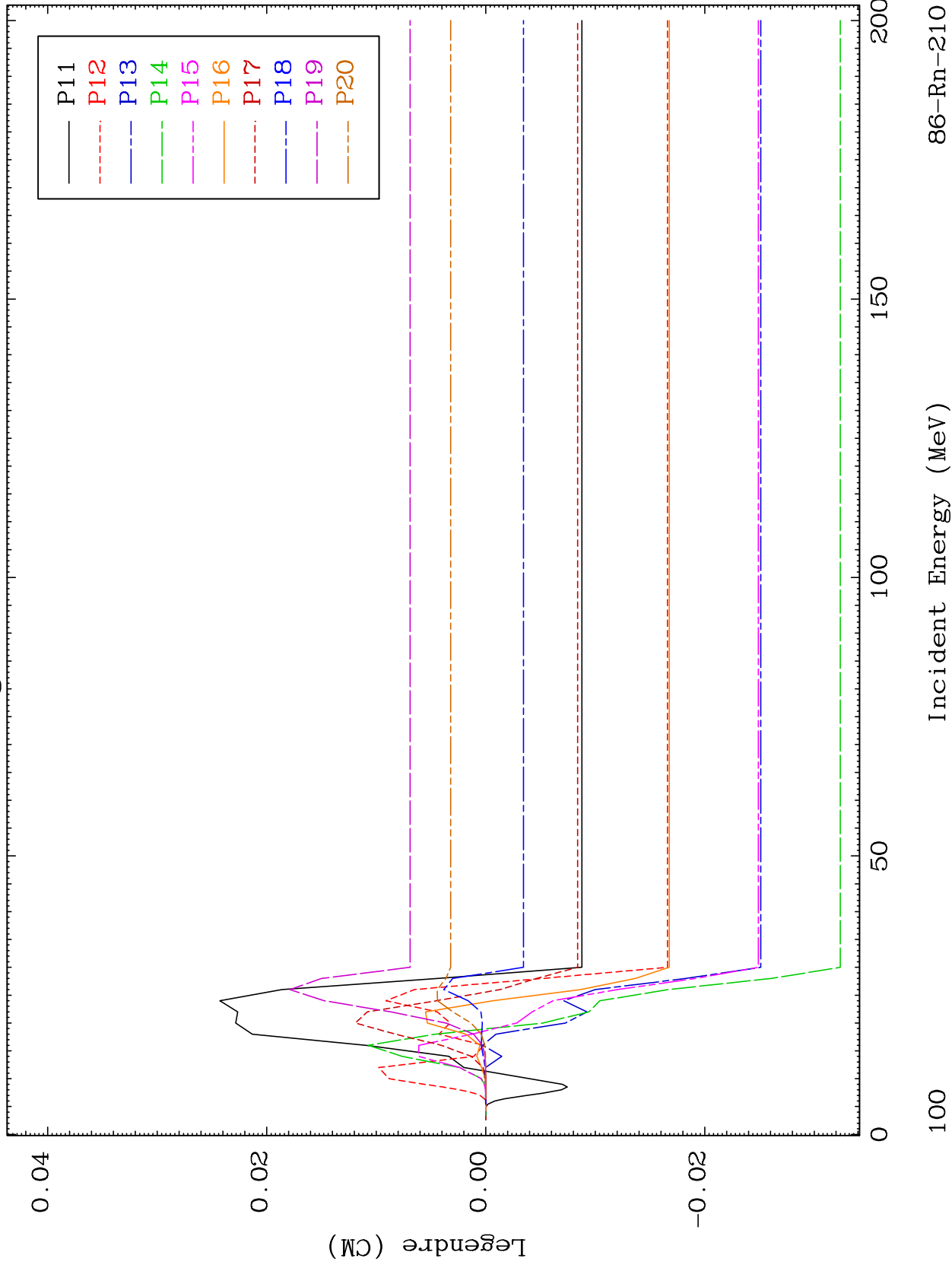




MAT 8622

1.853 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



86-Rn-210

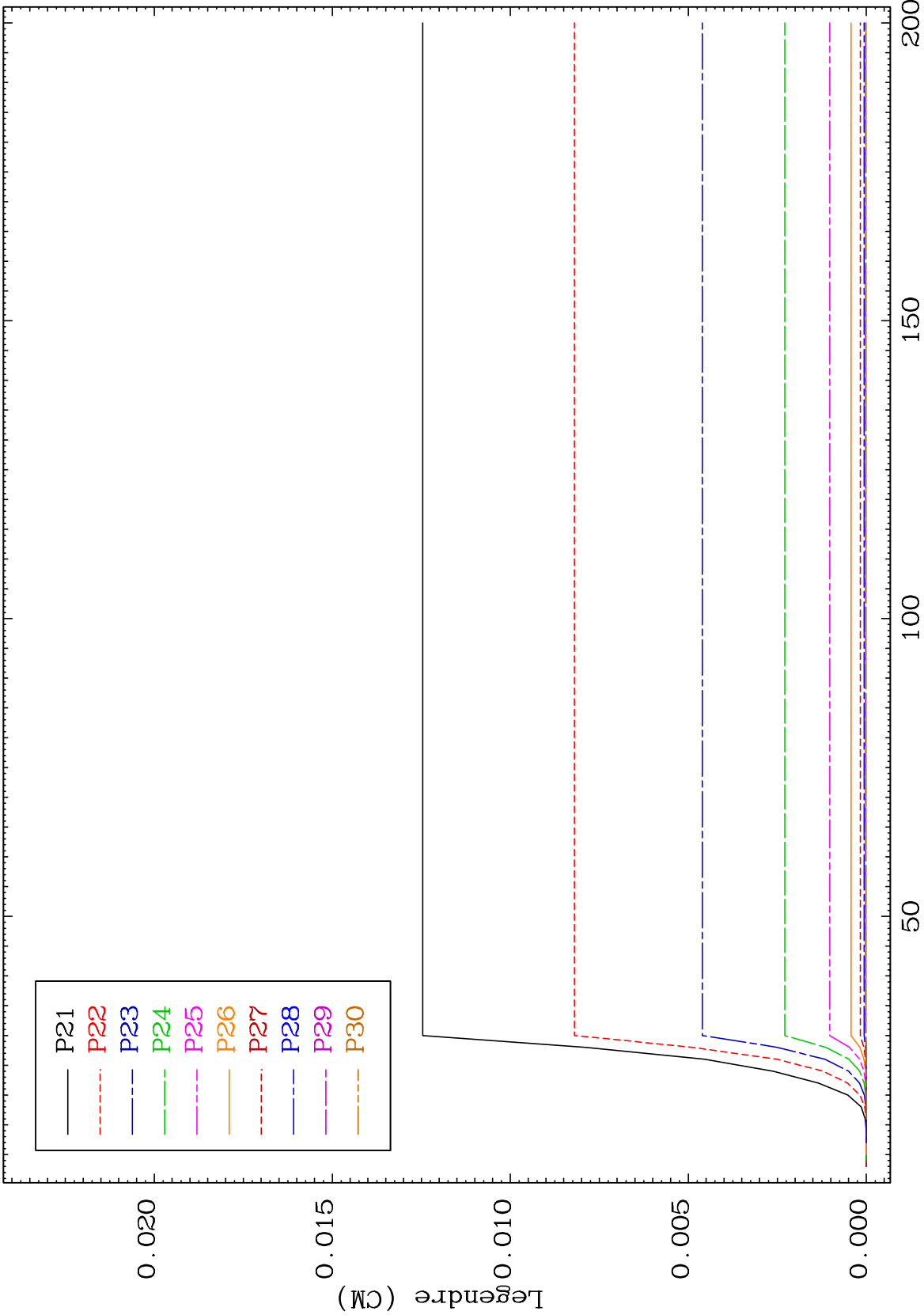
Incident Energy (MeV)

100

MAT 8622

1.853 MeV (n, n') Level
Legendre Coefficients

86-Rn-210



101

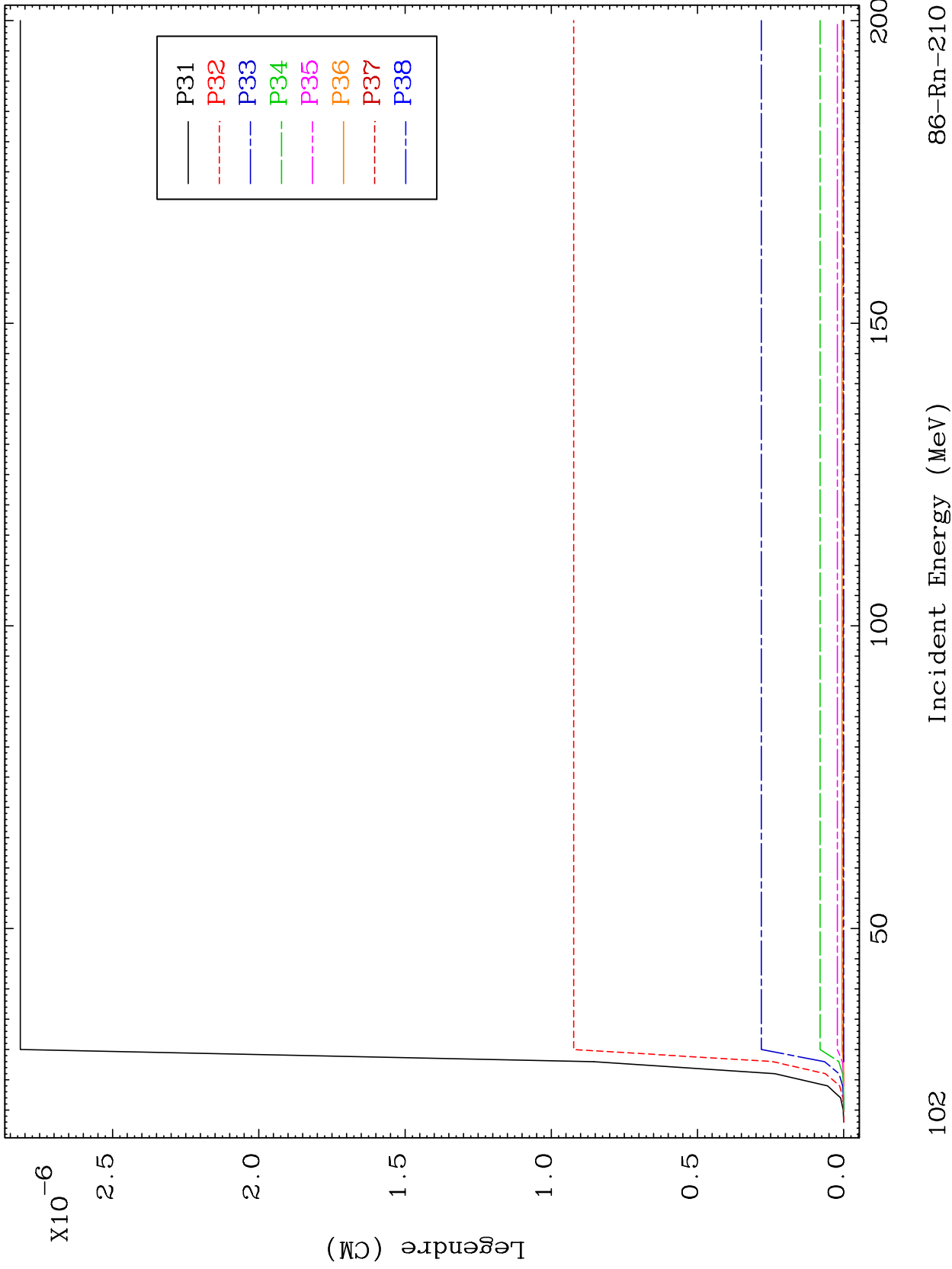
Incident Energy (MeV)

86-Rn-210

MAT 86222

1.853 MeV (n,n') Level
Legendre Coefficients

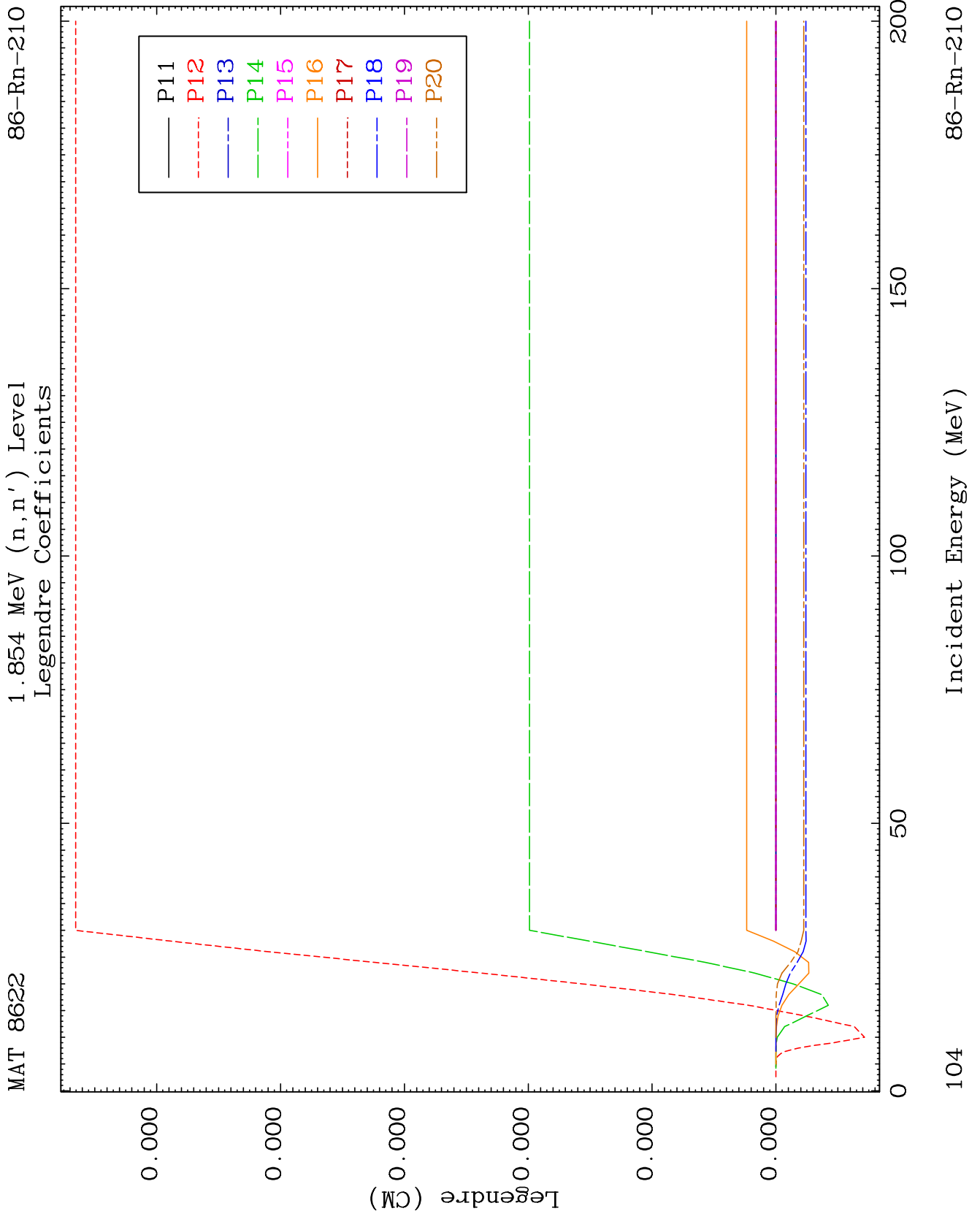
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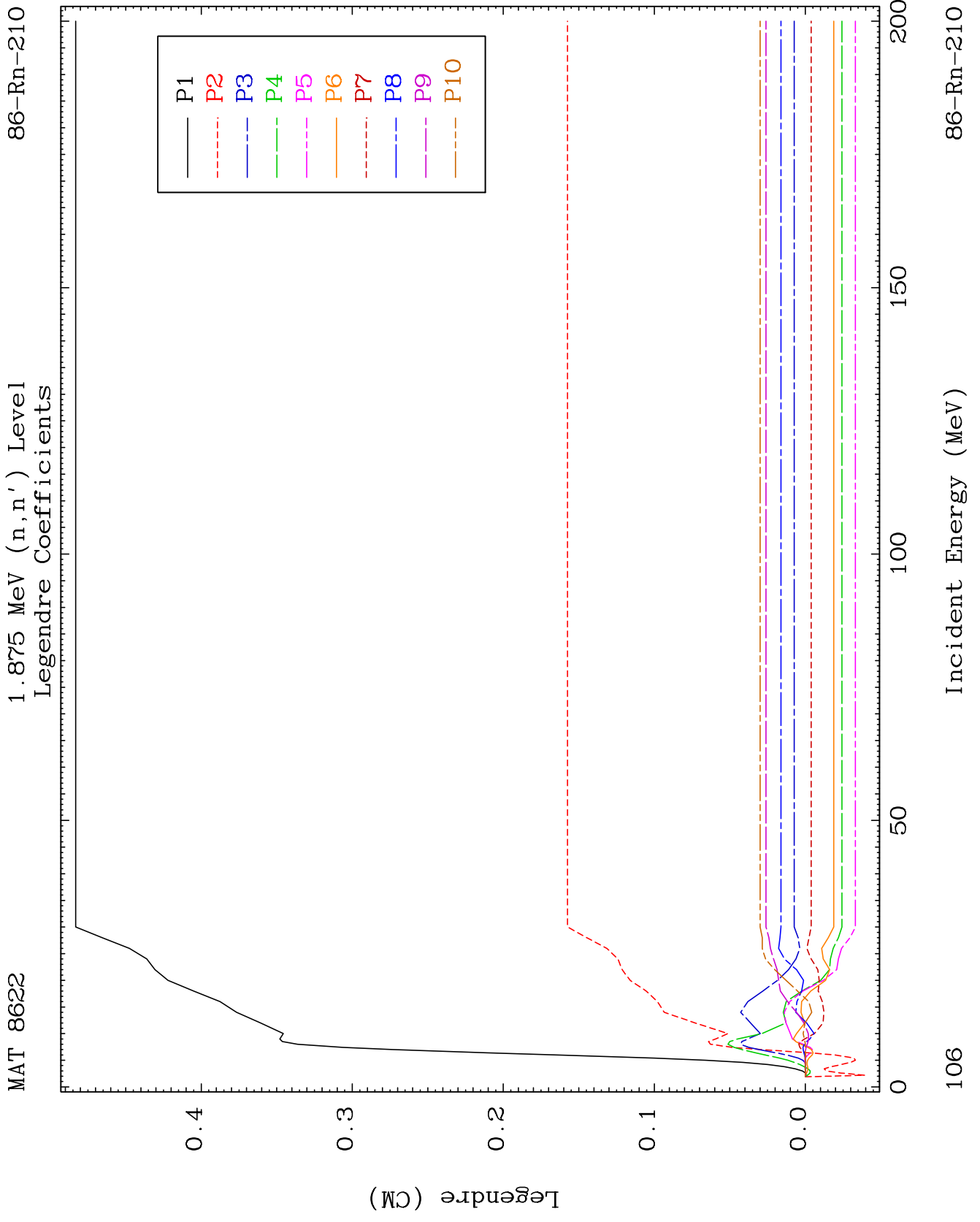


102

Incident Energy (MeV)

86-Rn-210

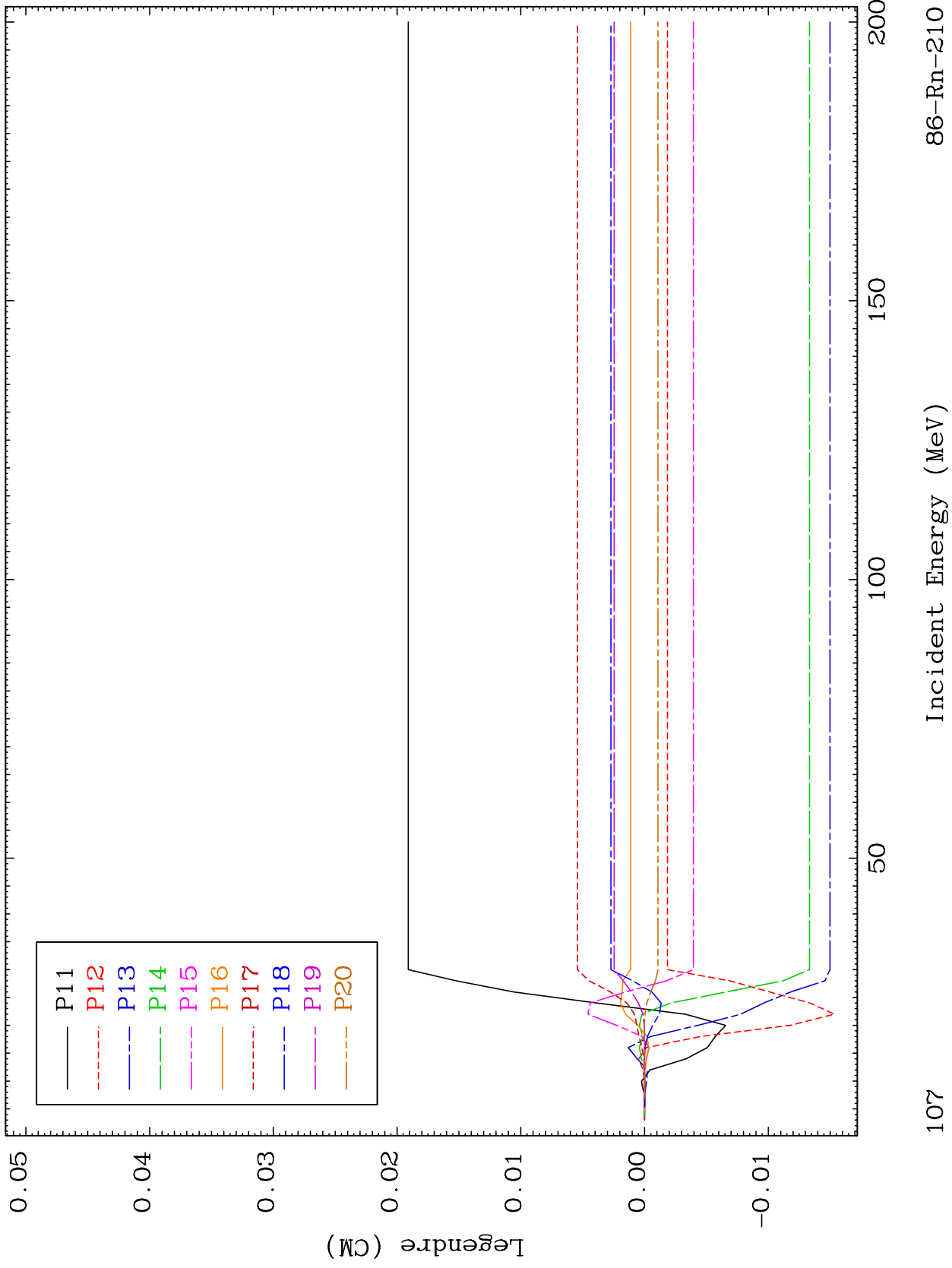




MAT 86222

1.875 MeV (n,n') Level
Legendre Coefficients

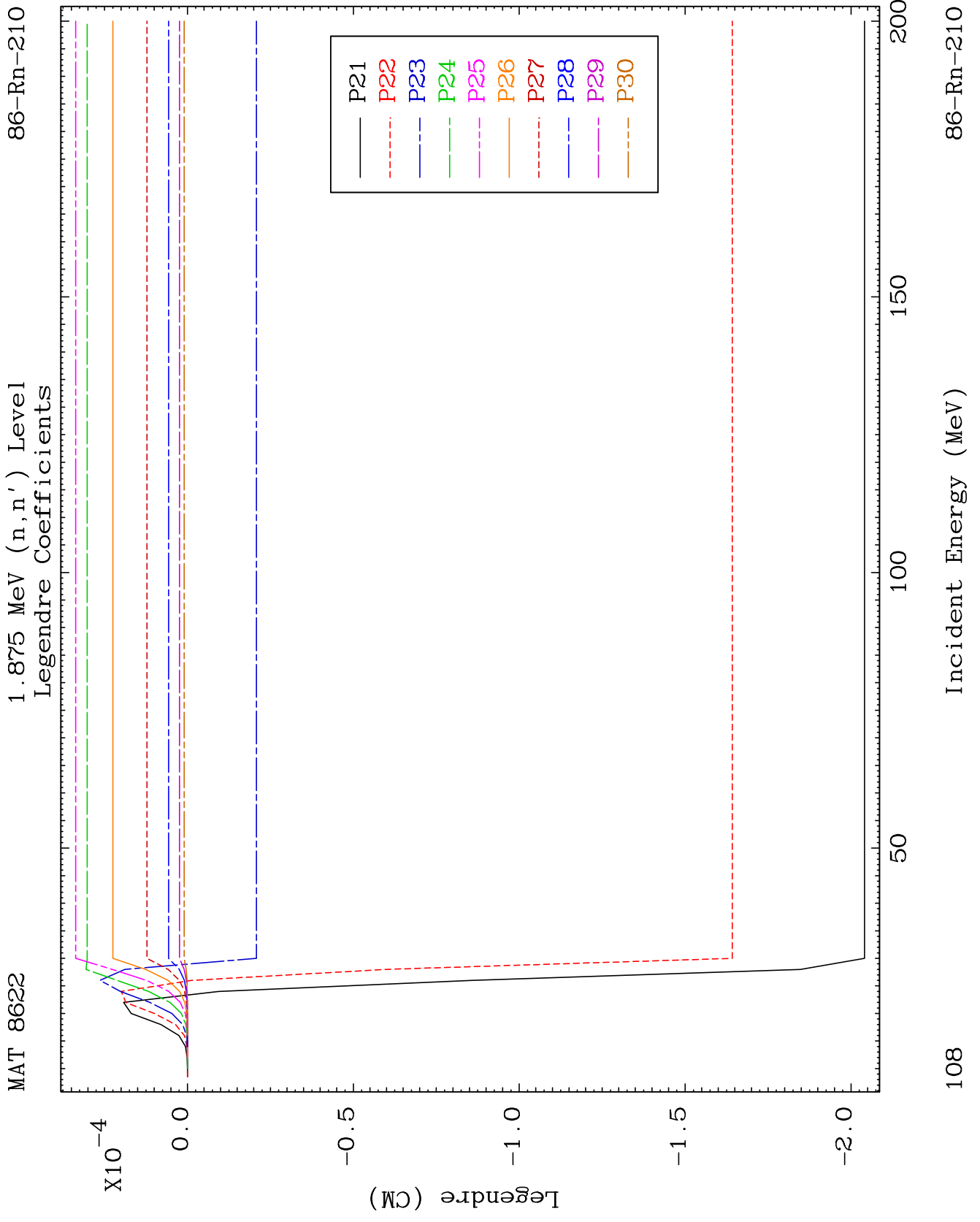
86-Rn-210



107

Incident Energy (MeV)

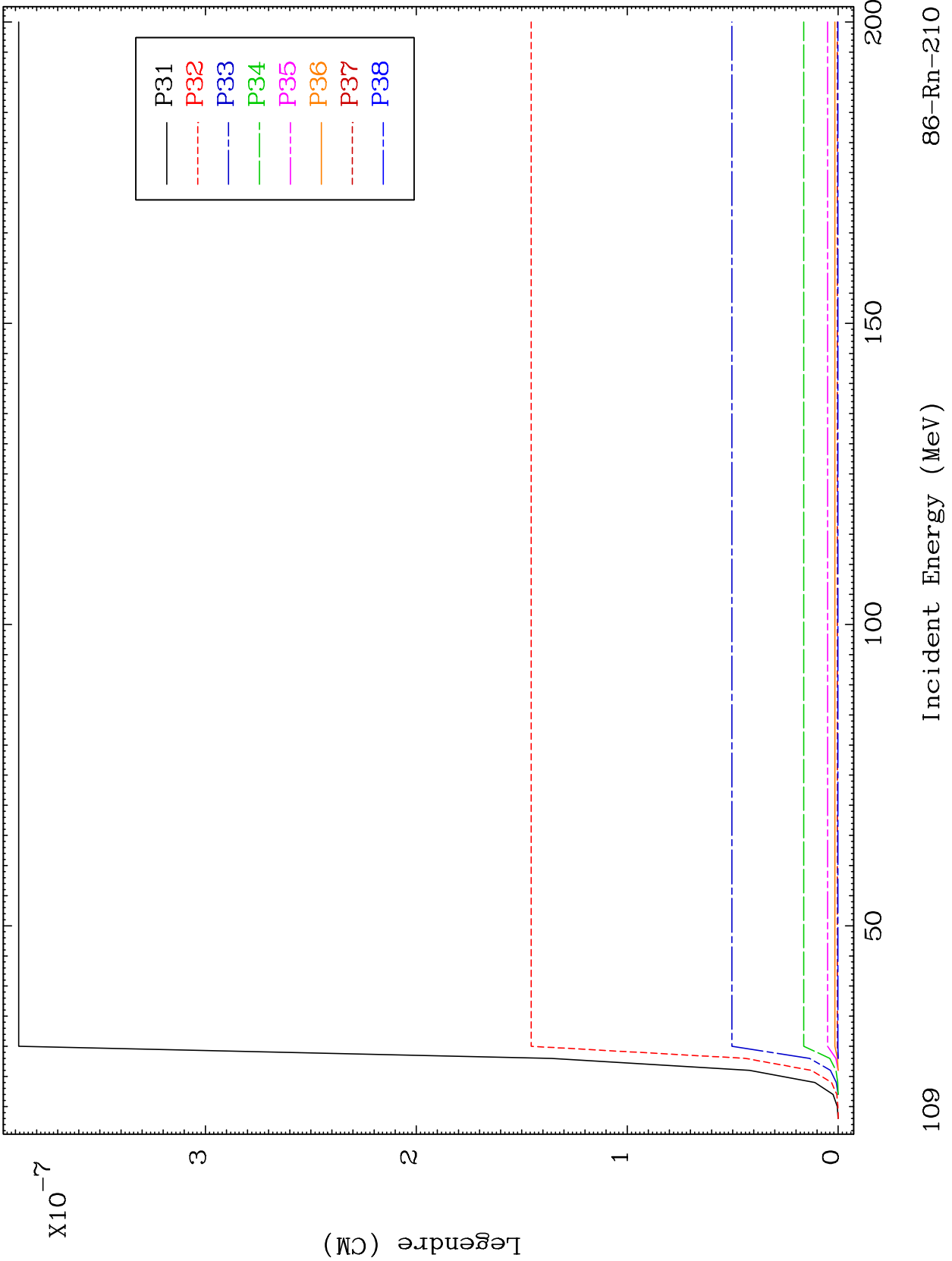
86-Rn-210



MAT 8622

1.875 MeV (n,n') Level Legendre Coefficients

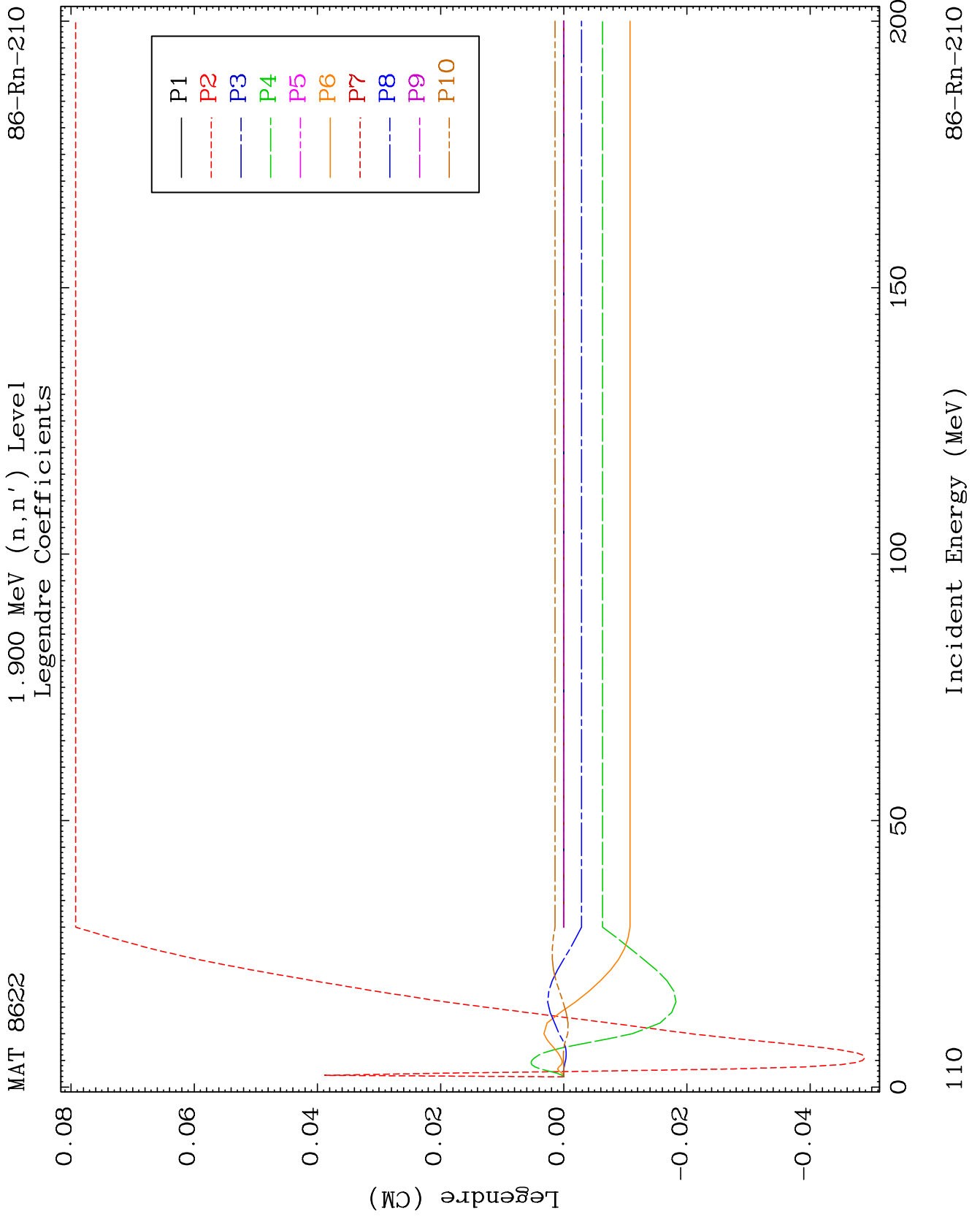
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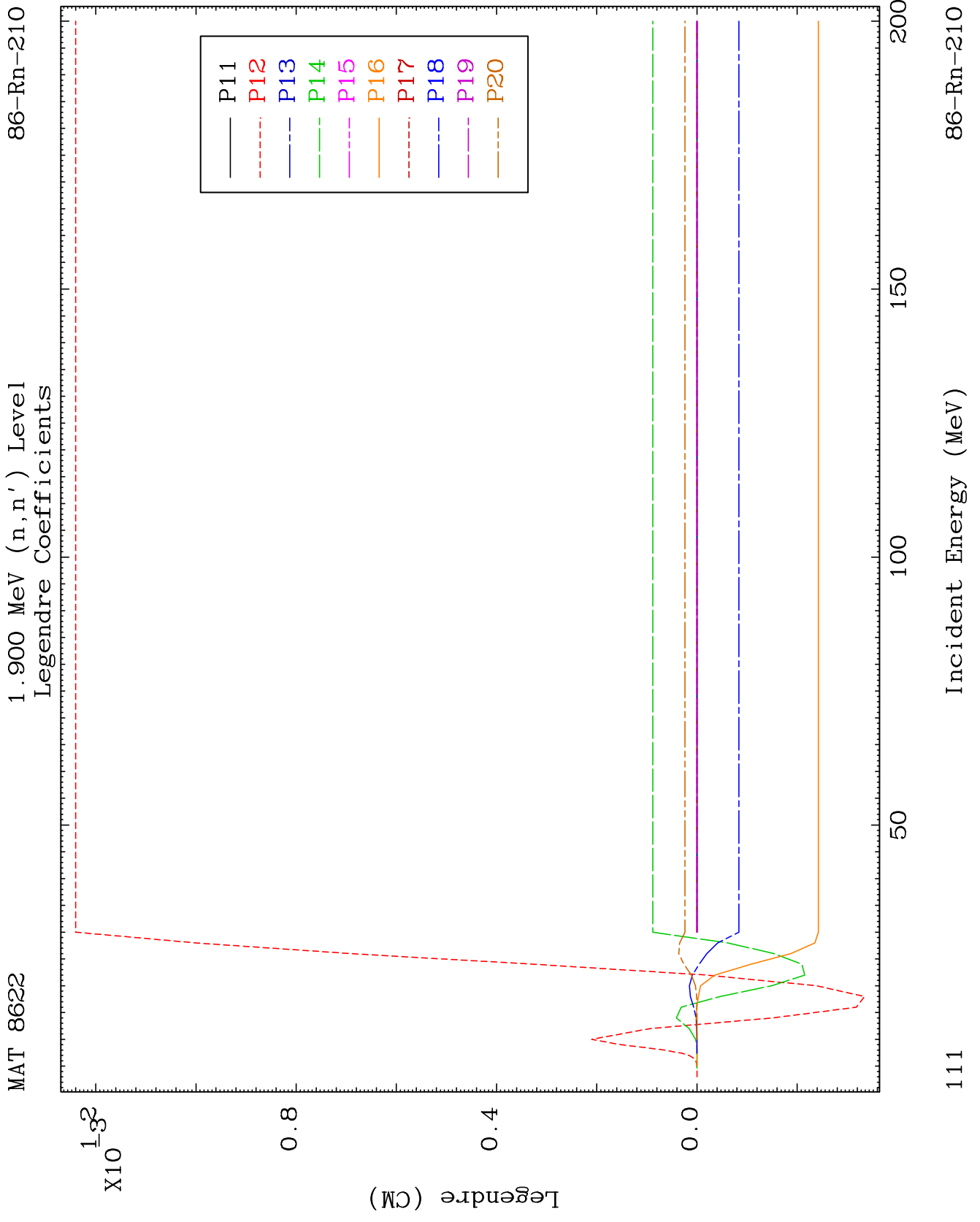


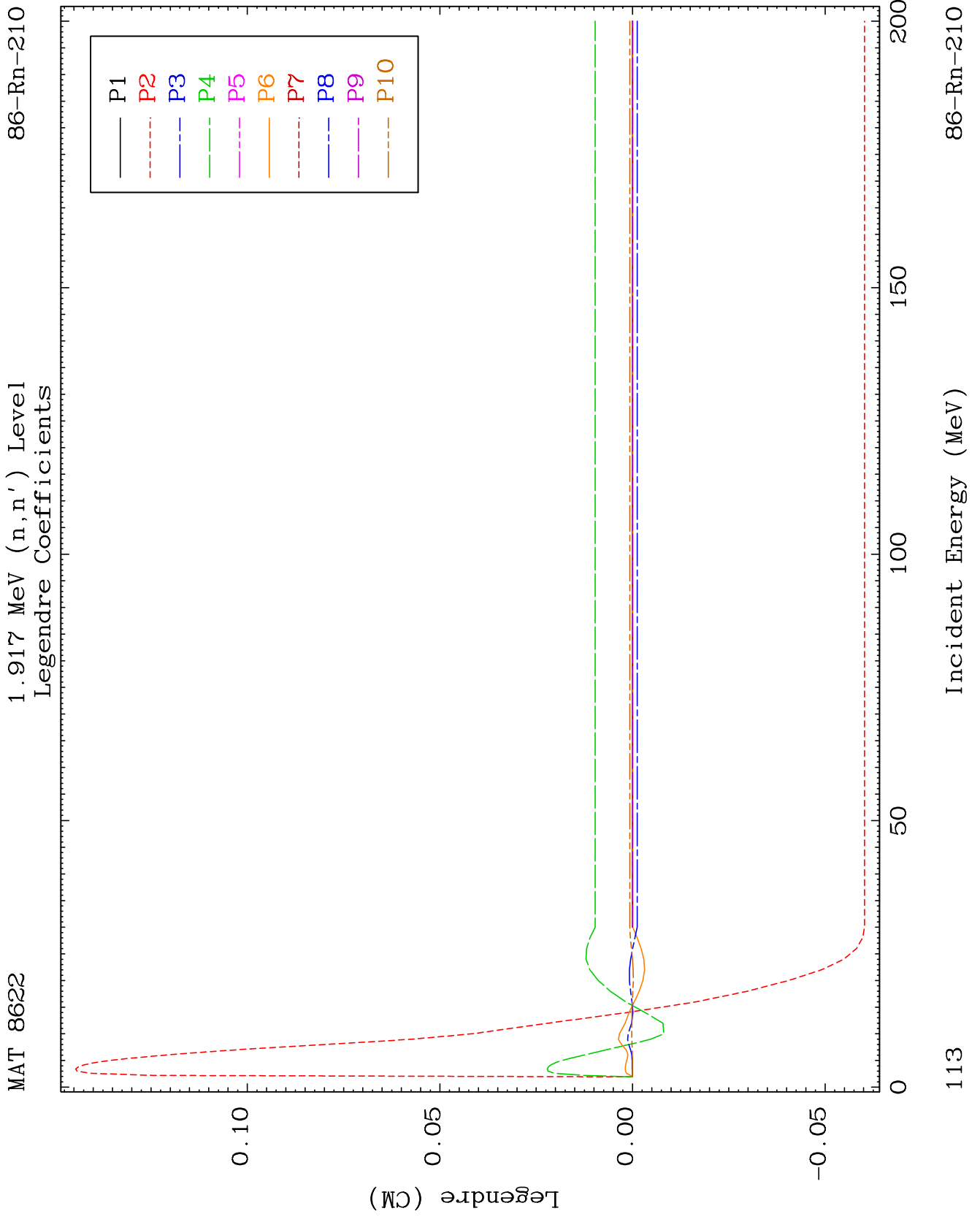
109

Incident Energy (MeV)

86-Rn-210



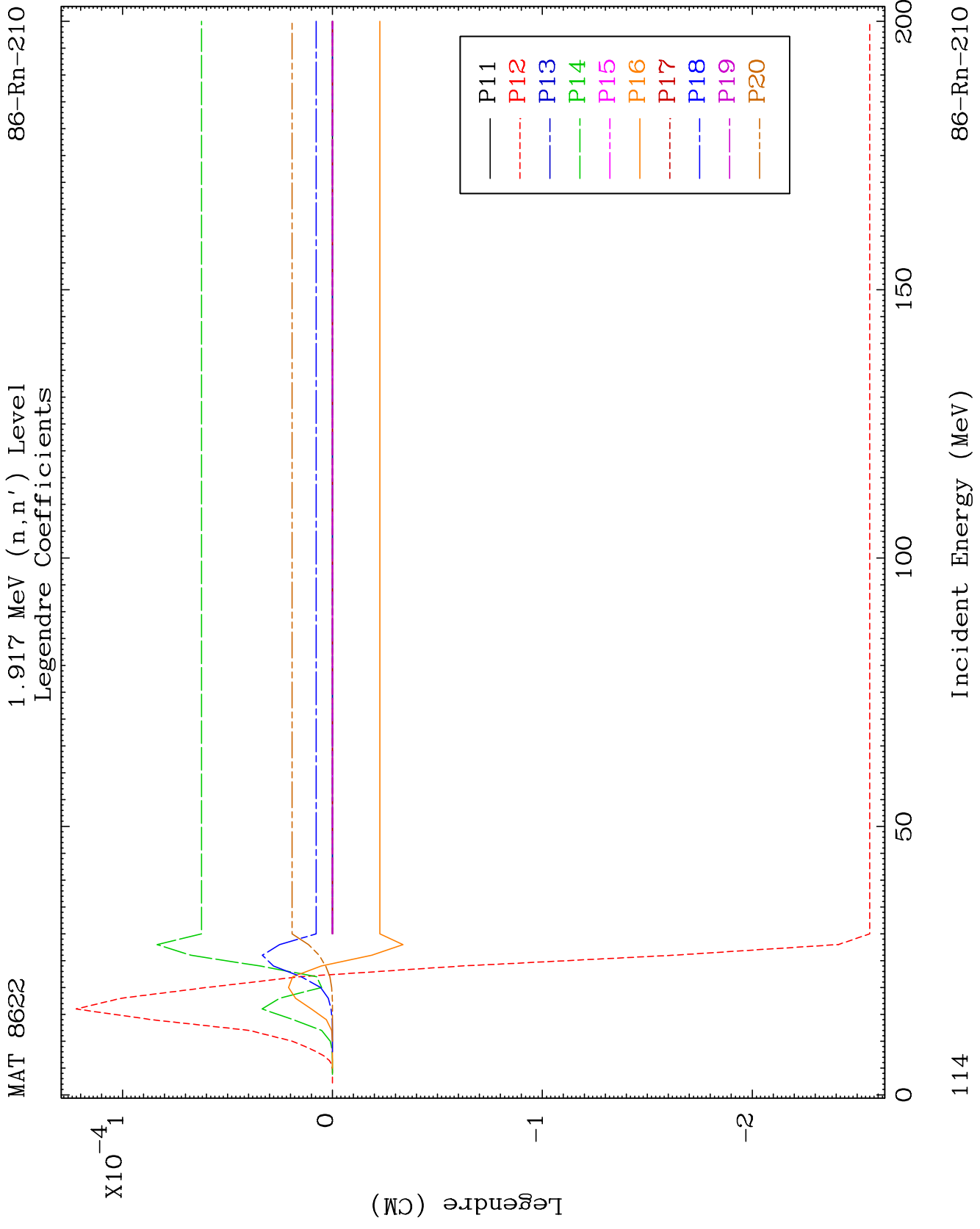


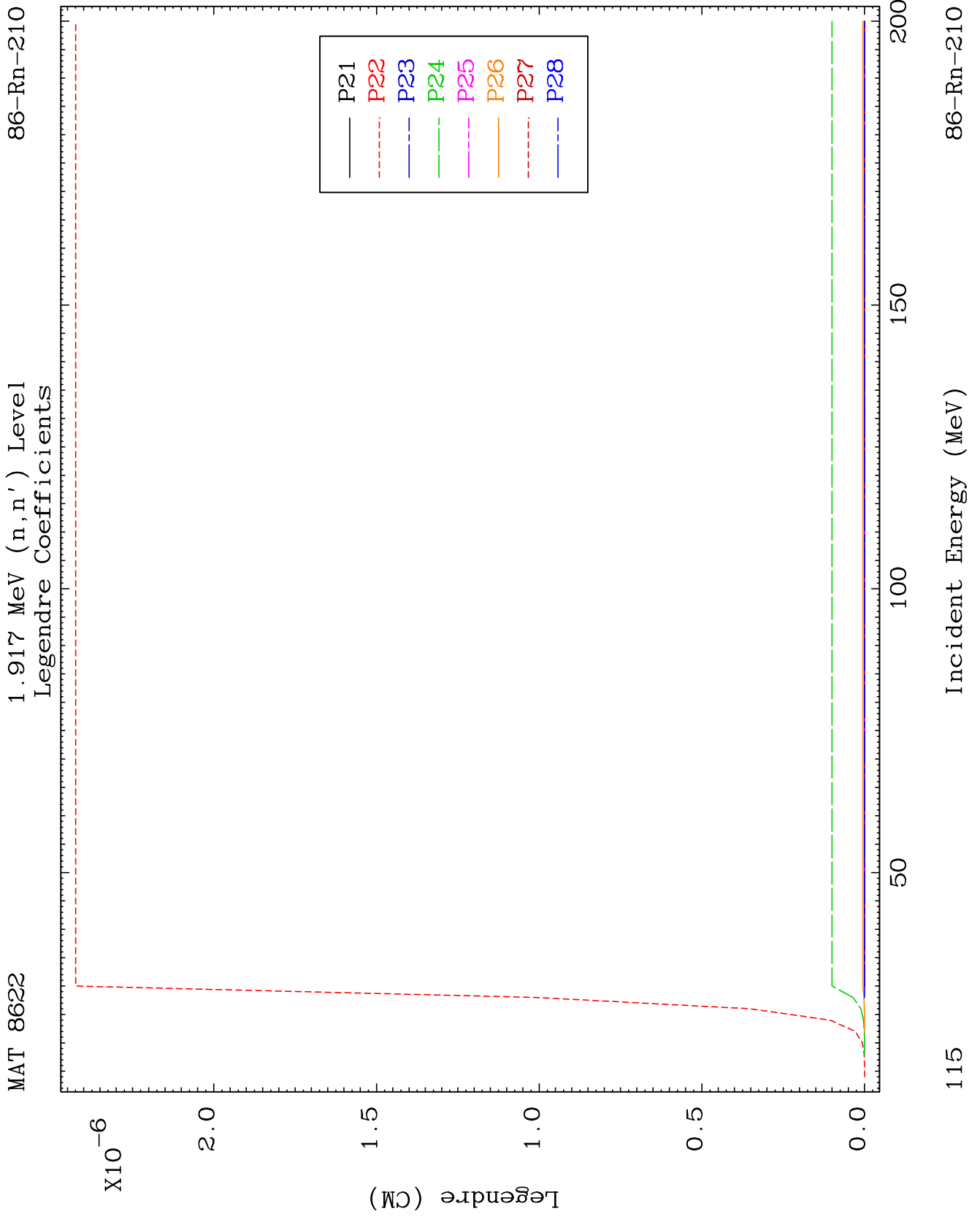


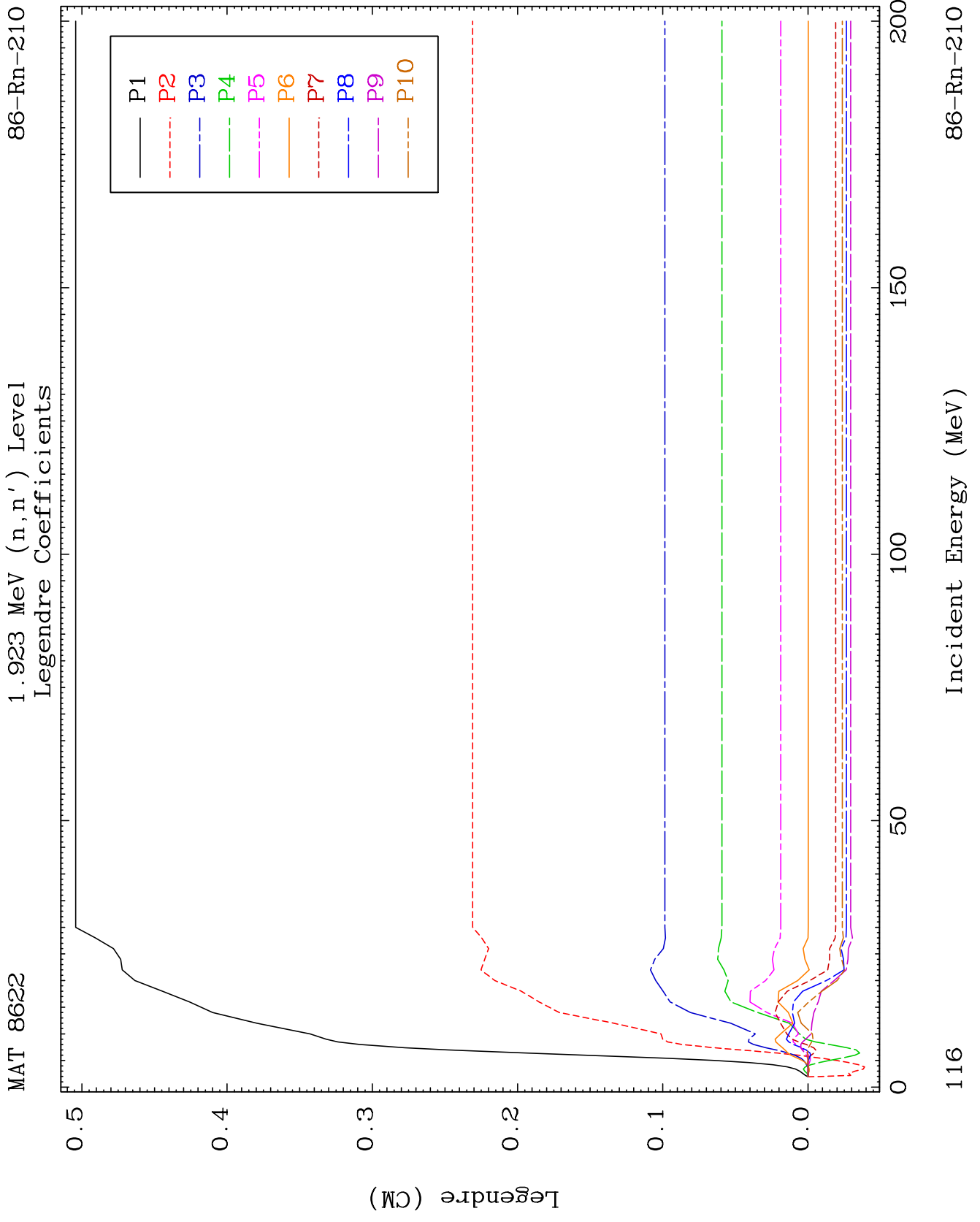
86-Rn-210

Incident Energy (MeV)

113



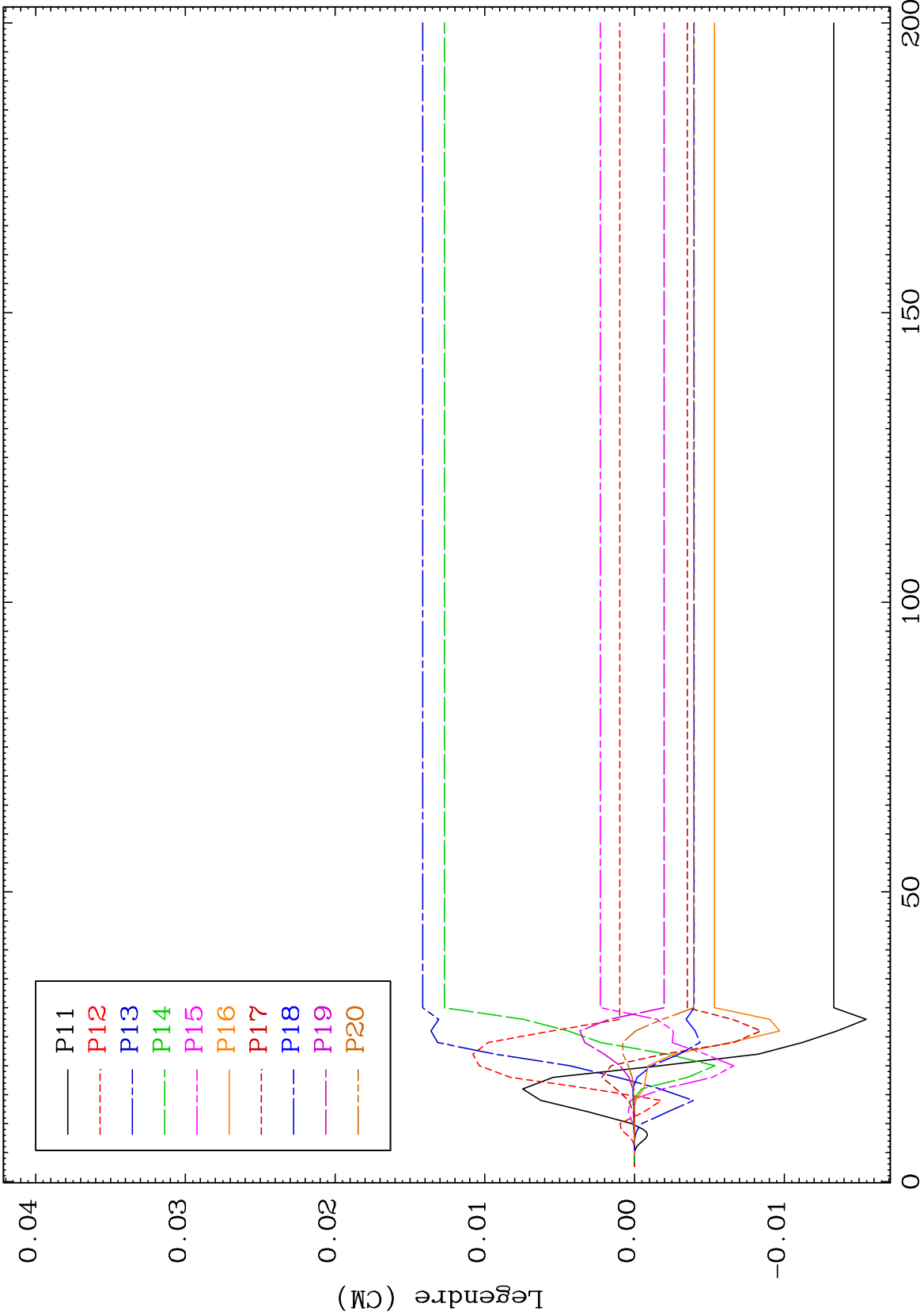




MAT 8622

1.923 MeV (n,n') Level
Legendre Coefficients

86-Rn-210



117

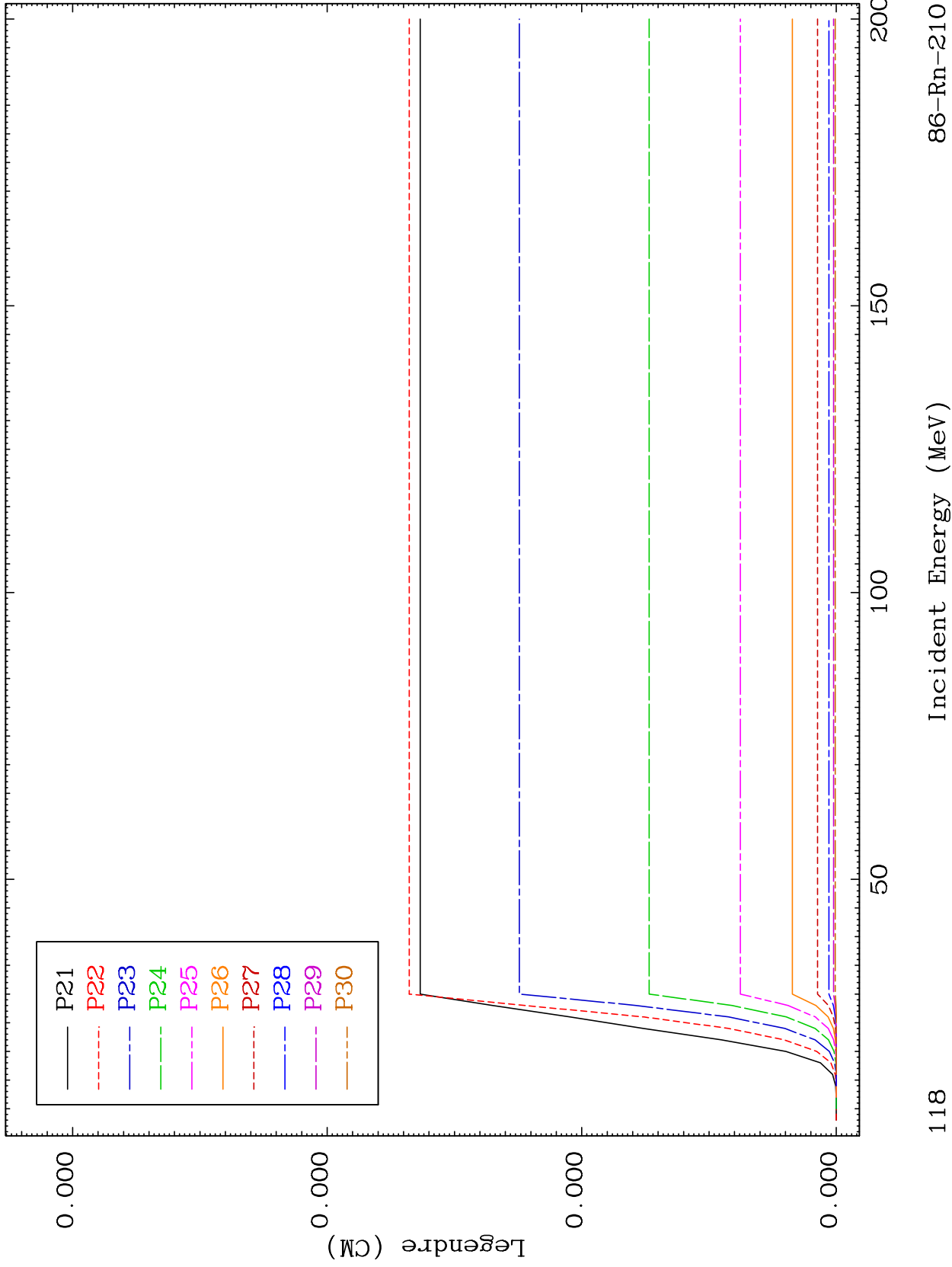
Incident Energy (MeV)

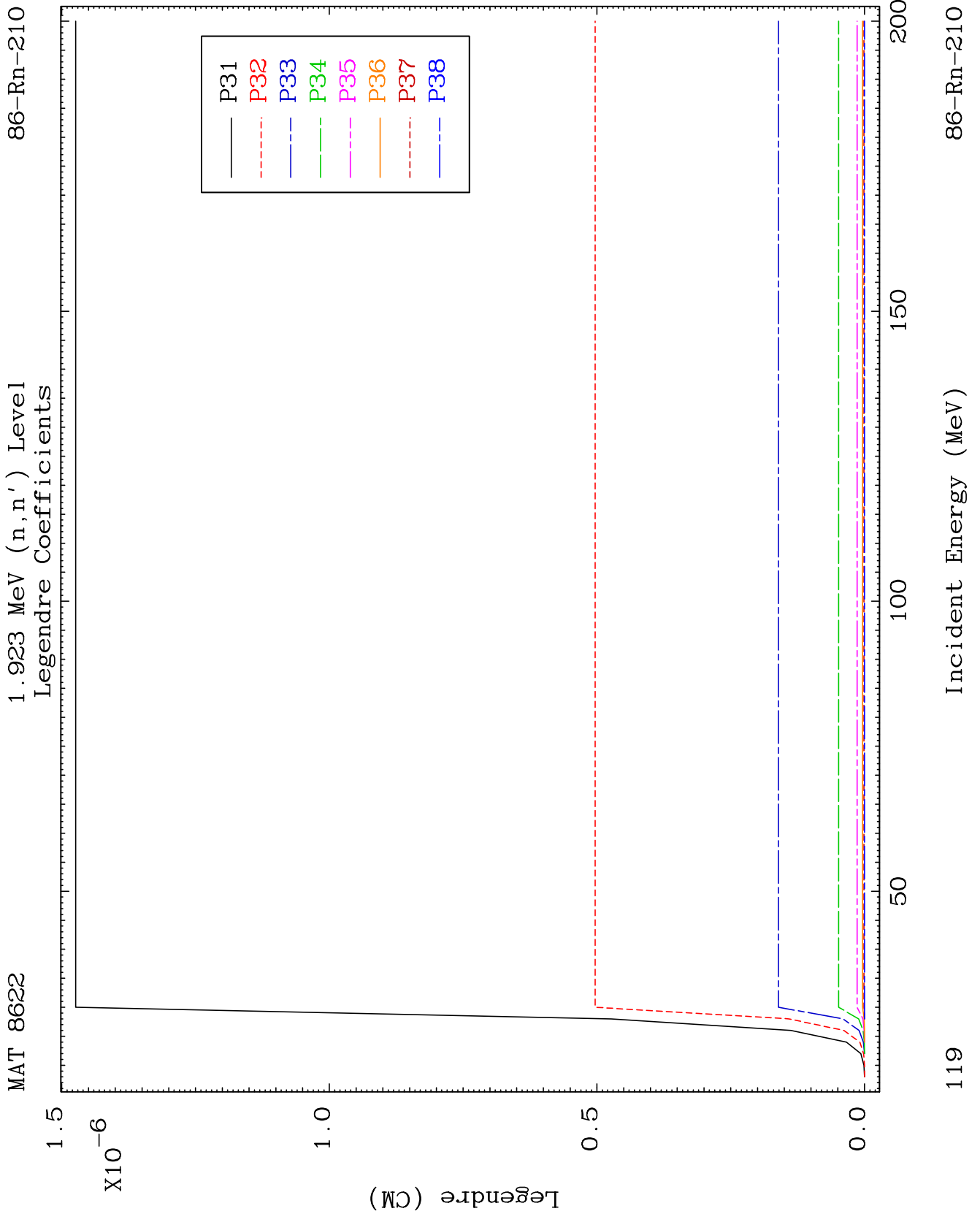
86-Rn-210

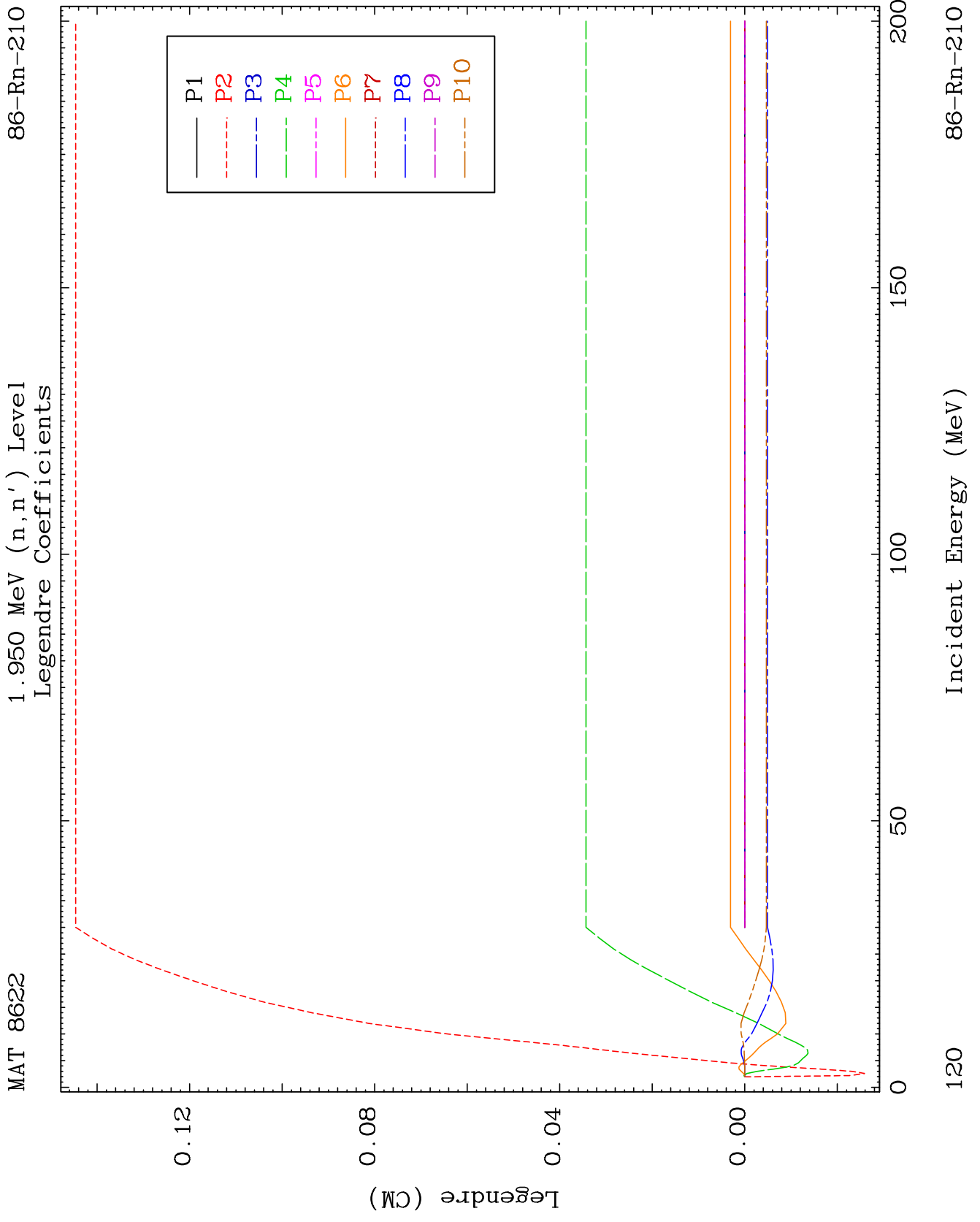
MAT 8622

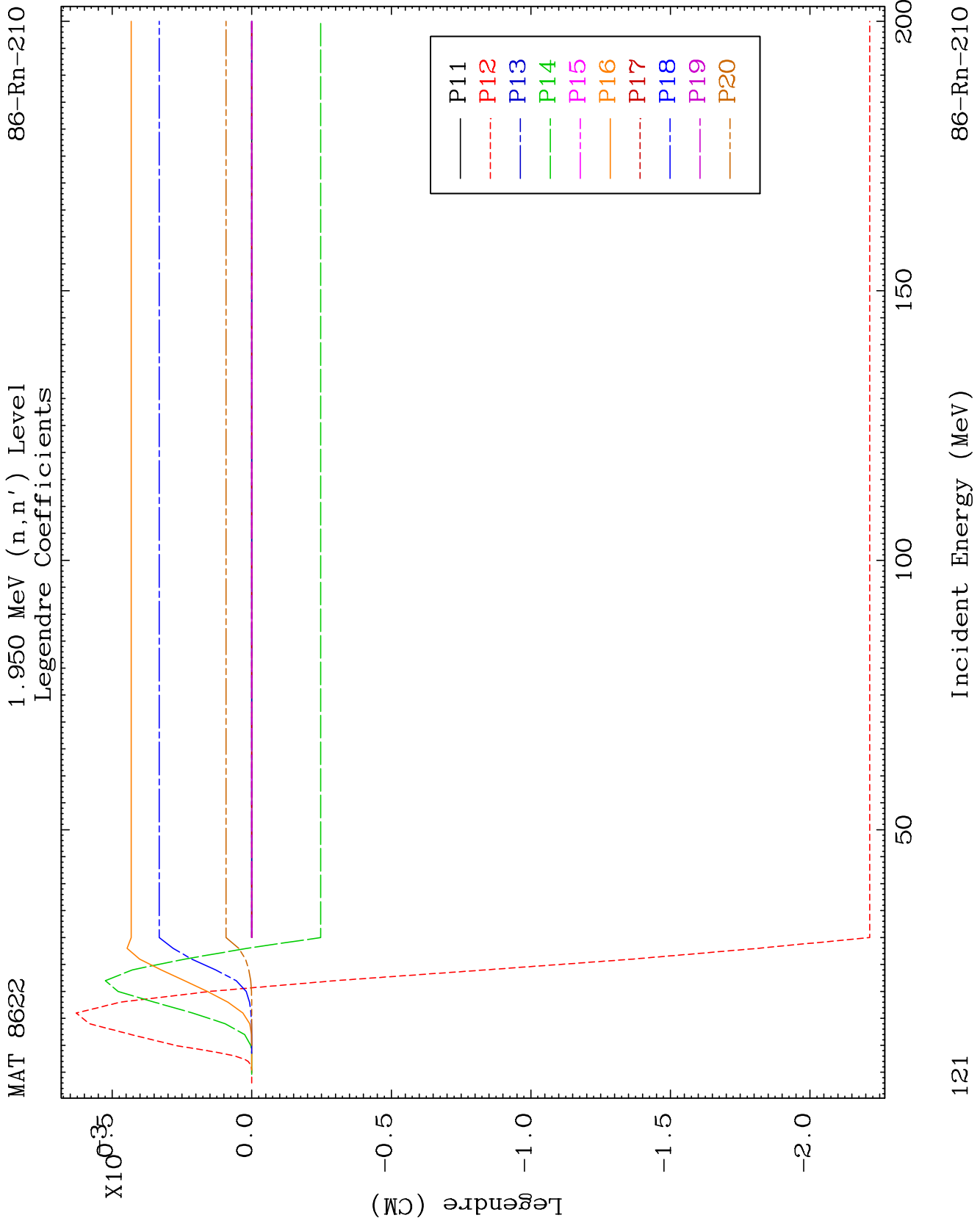
1.923 MeV (n,n') Level
Legendre Coefficients

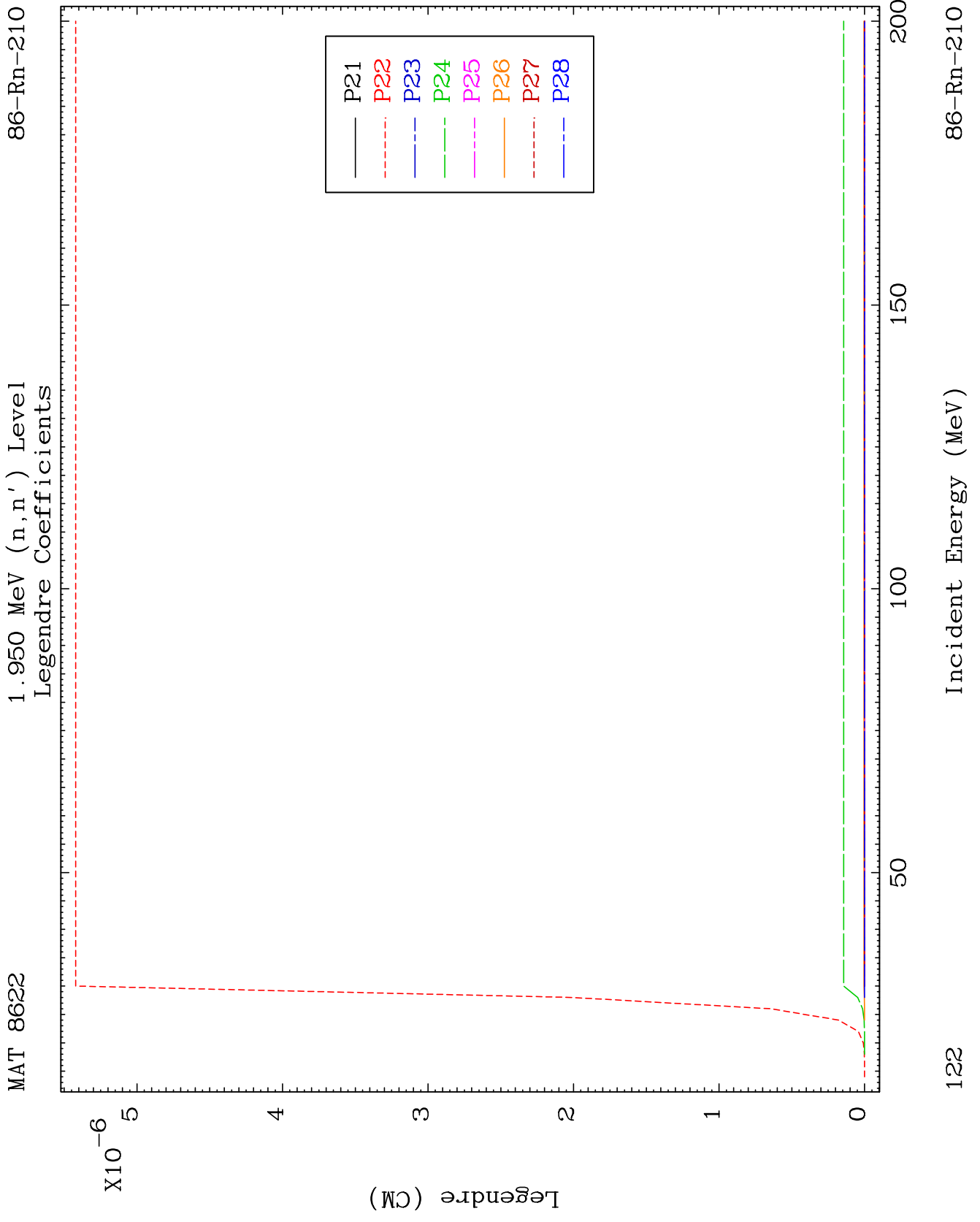
86-Rn-210

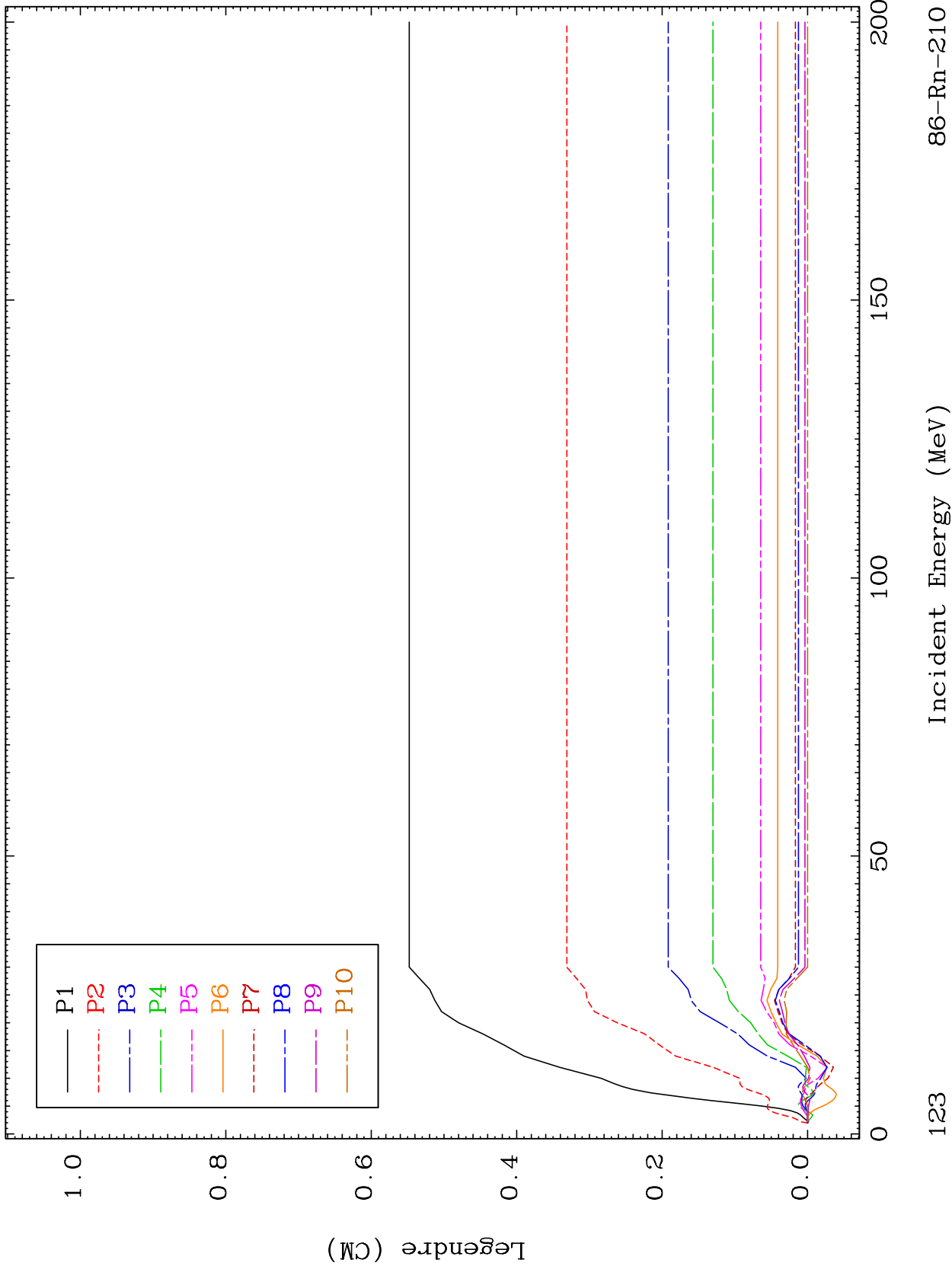








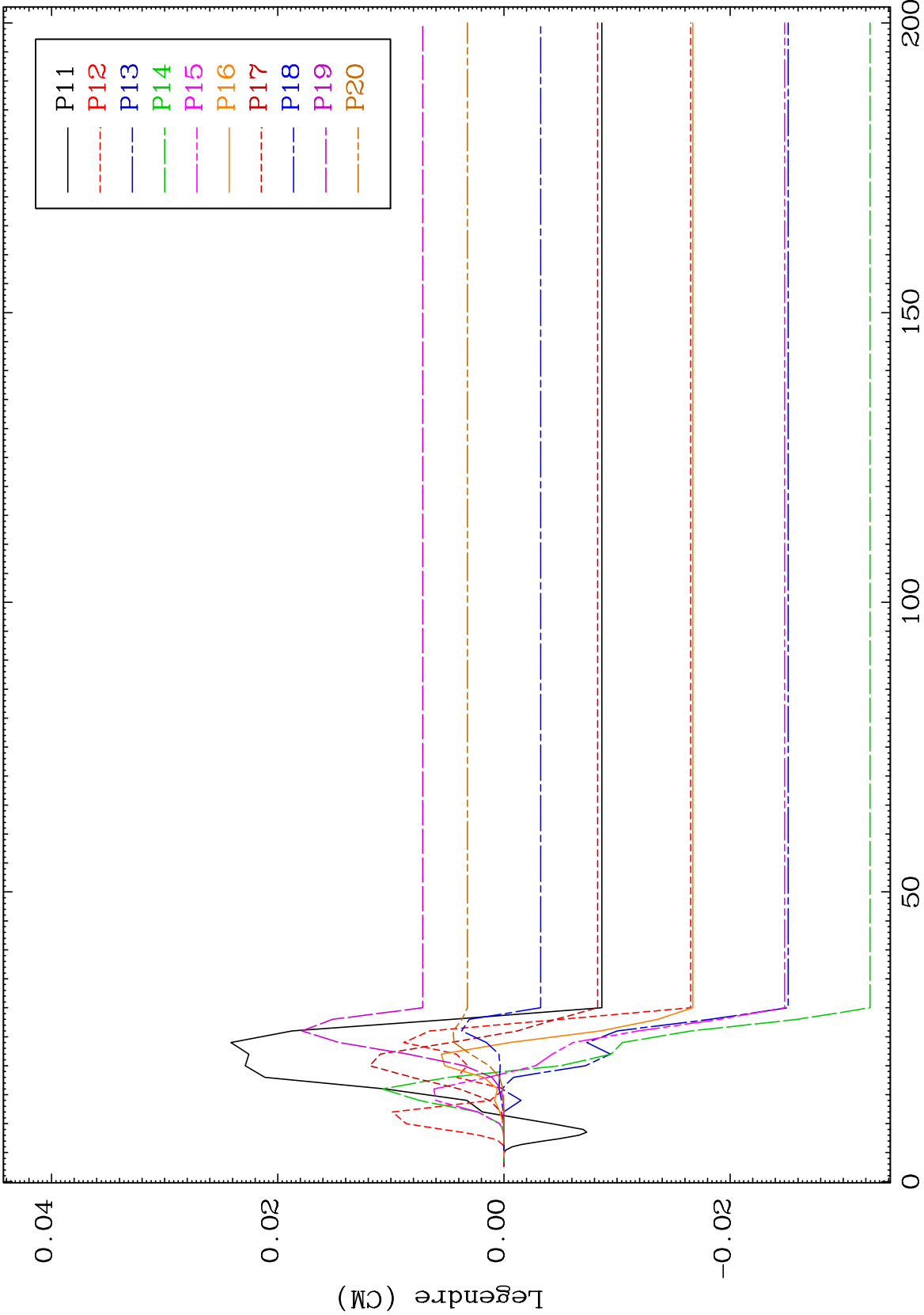




MAT 8622

1.951 MeV (n,n') Level Legendre Coefficients

86-Rn-210



124

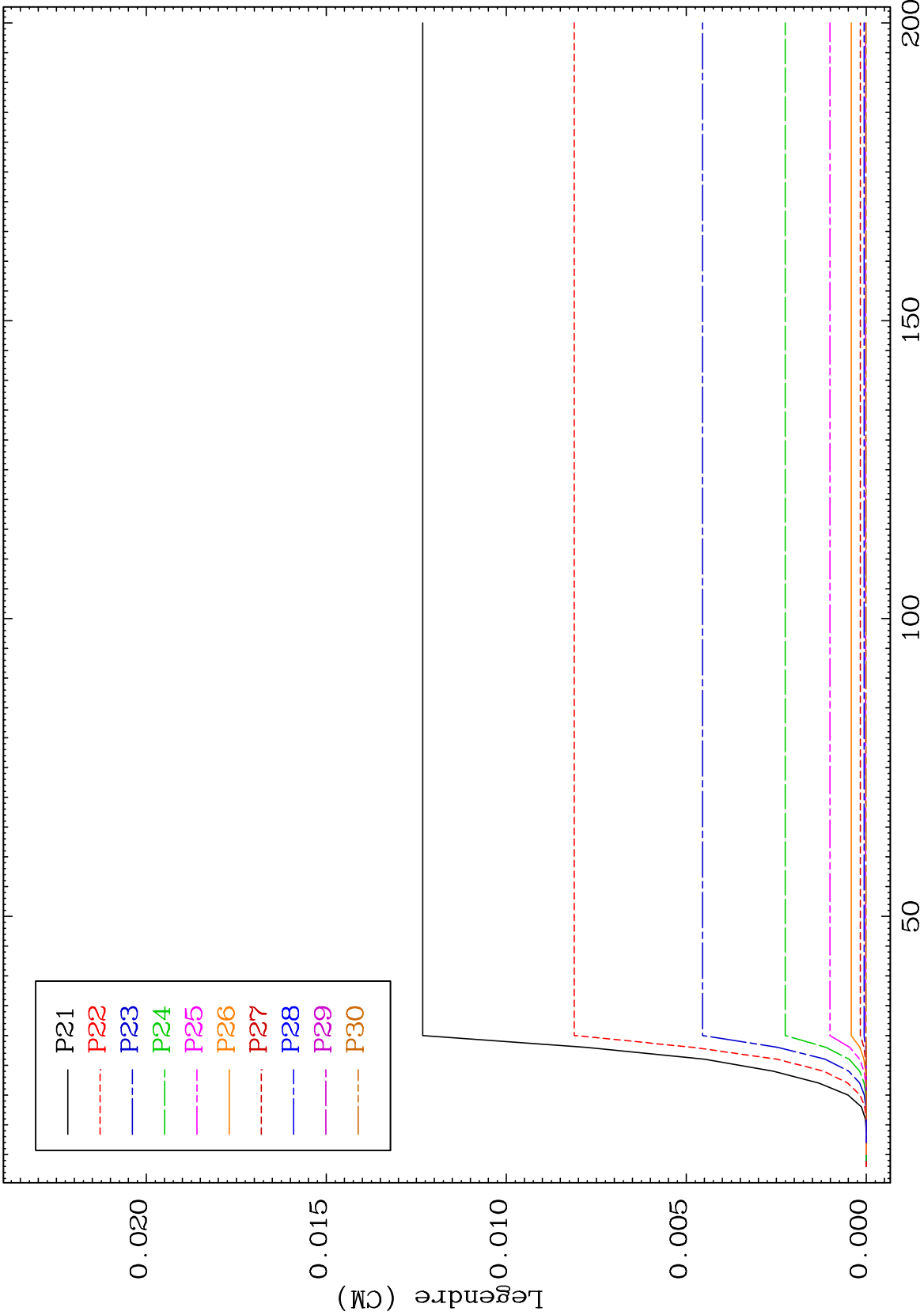
Incident Energy (MeV)

86-Rn-210

MAT 8622

1.951 MeV (n,n') Level
Legendre Coefficients

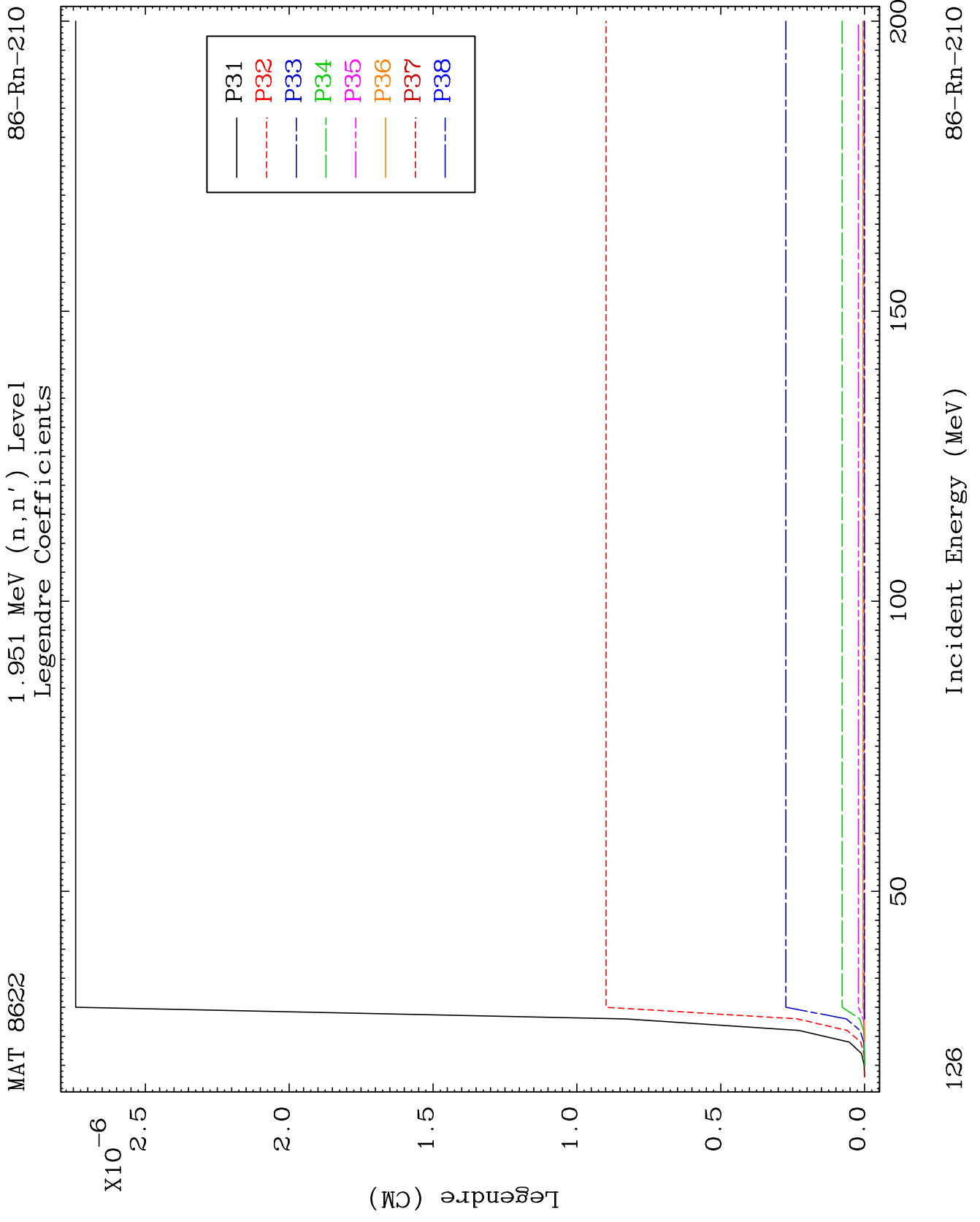
86-Rn-210



125

Incident Energy (MeV)

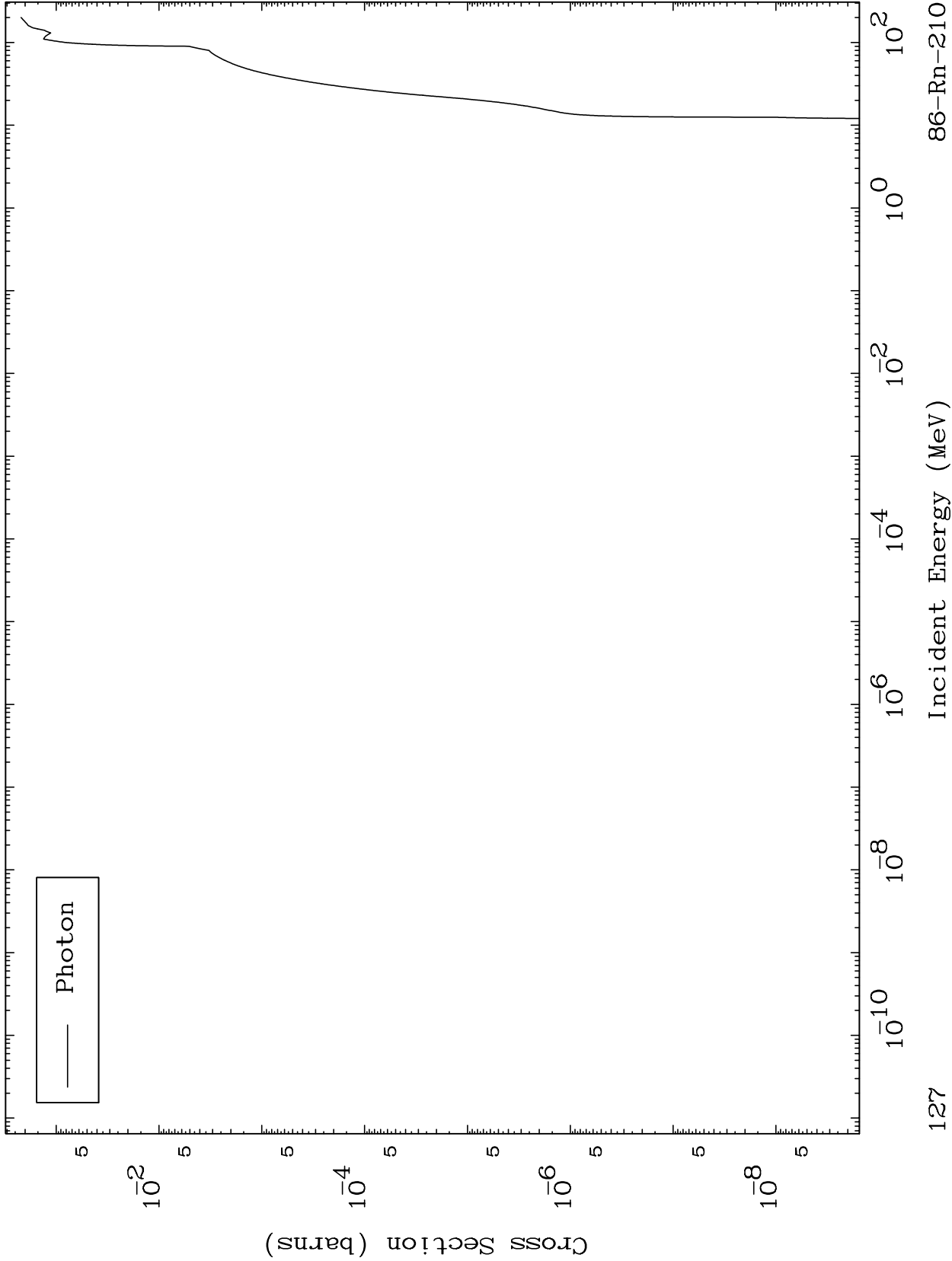
86-Rn-210



MAT 8622

Fission
Radionuclide Production Cross Section

86-Rn-210

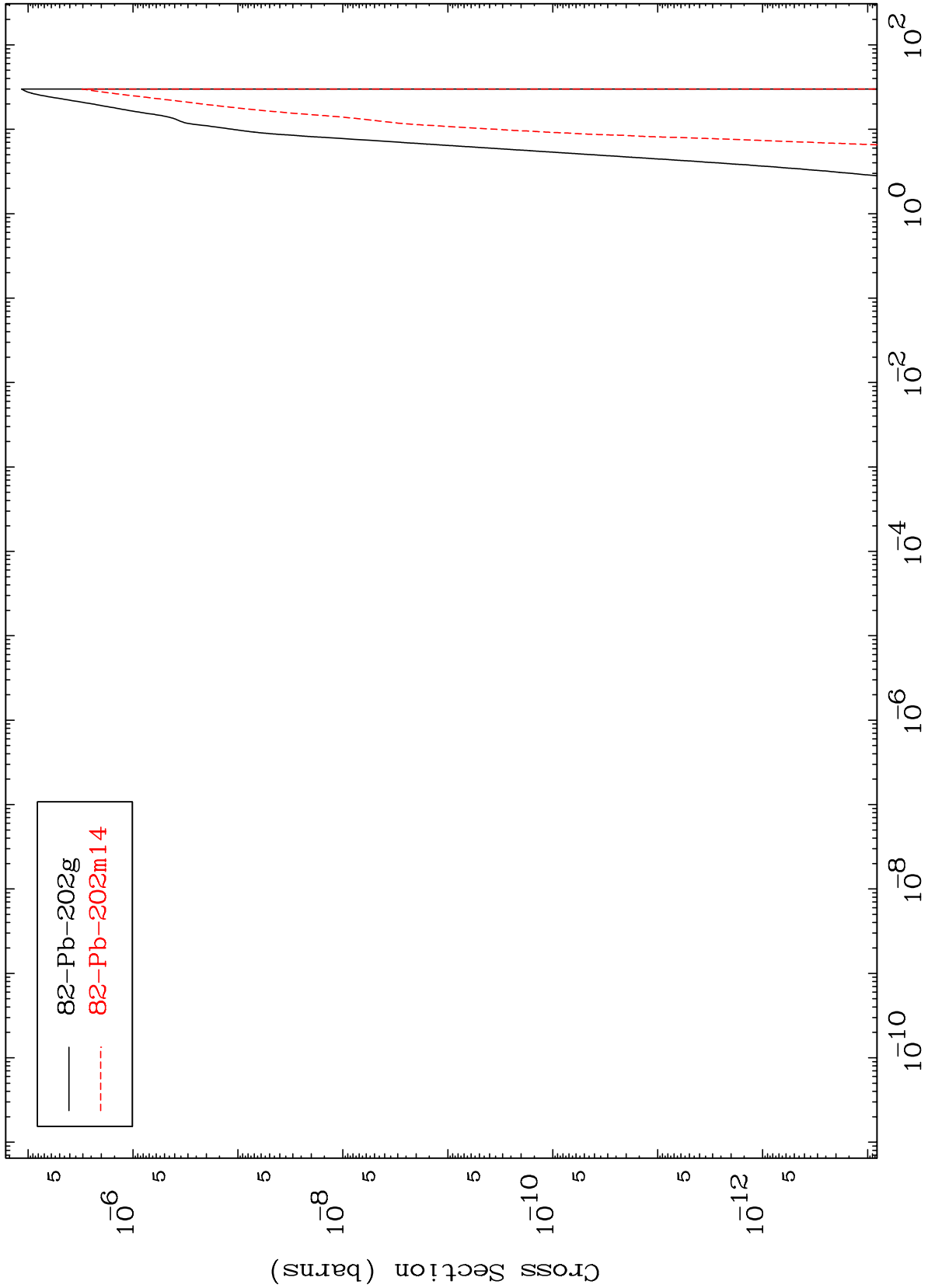


MAT 8622

(n,n') 2 α

86-Rn-210

Radionuclide Production Cross Section

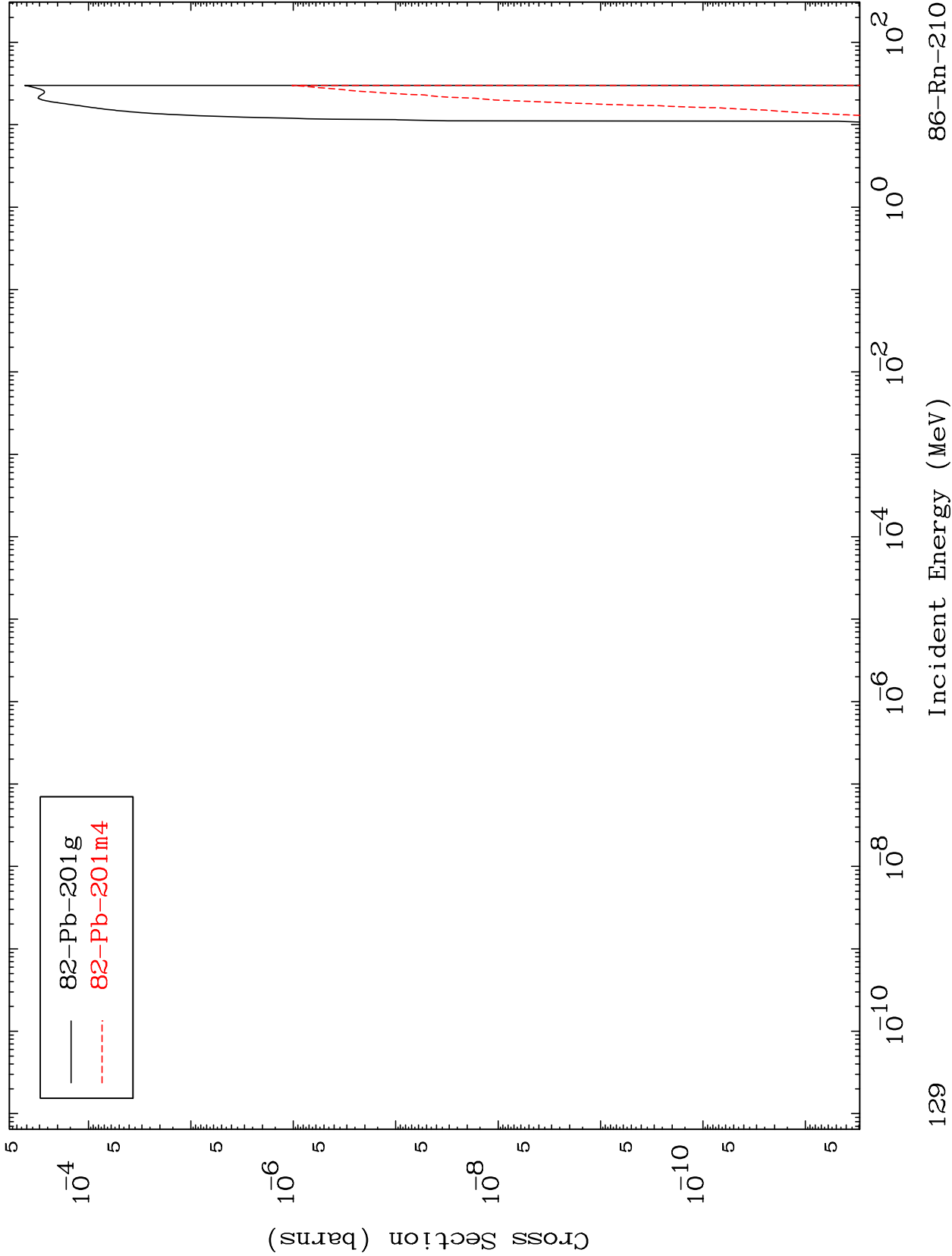


MAT 86222

(n,2n) 2 α

86-Rn-210

Radionuclide Production Cross Section

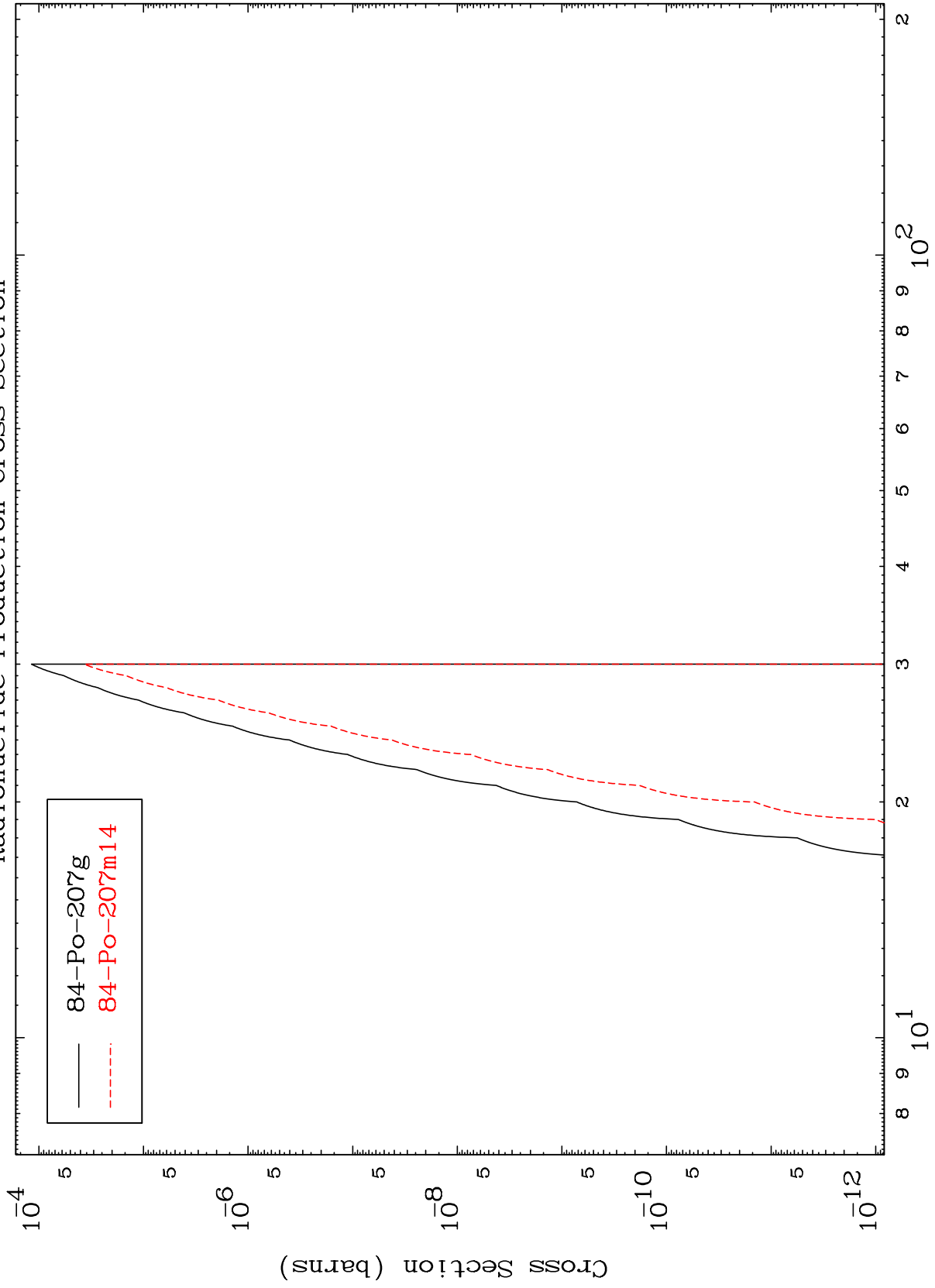


MAT 8622

(n,n') He-3

86-Rn-210

Radionuclide Production Cross Section



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

130

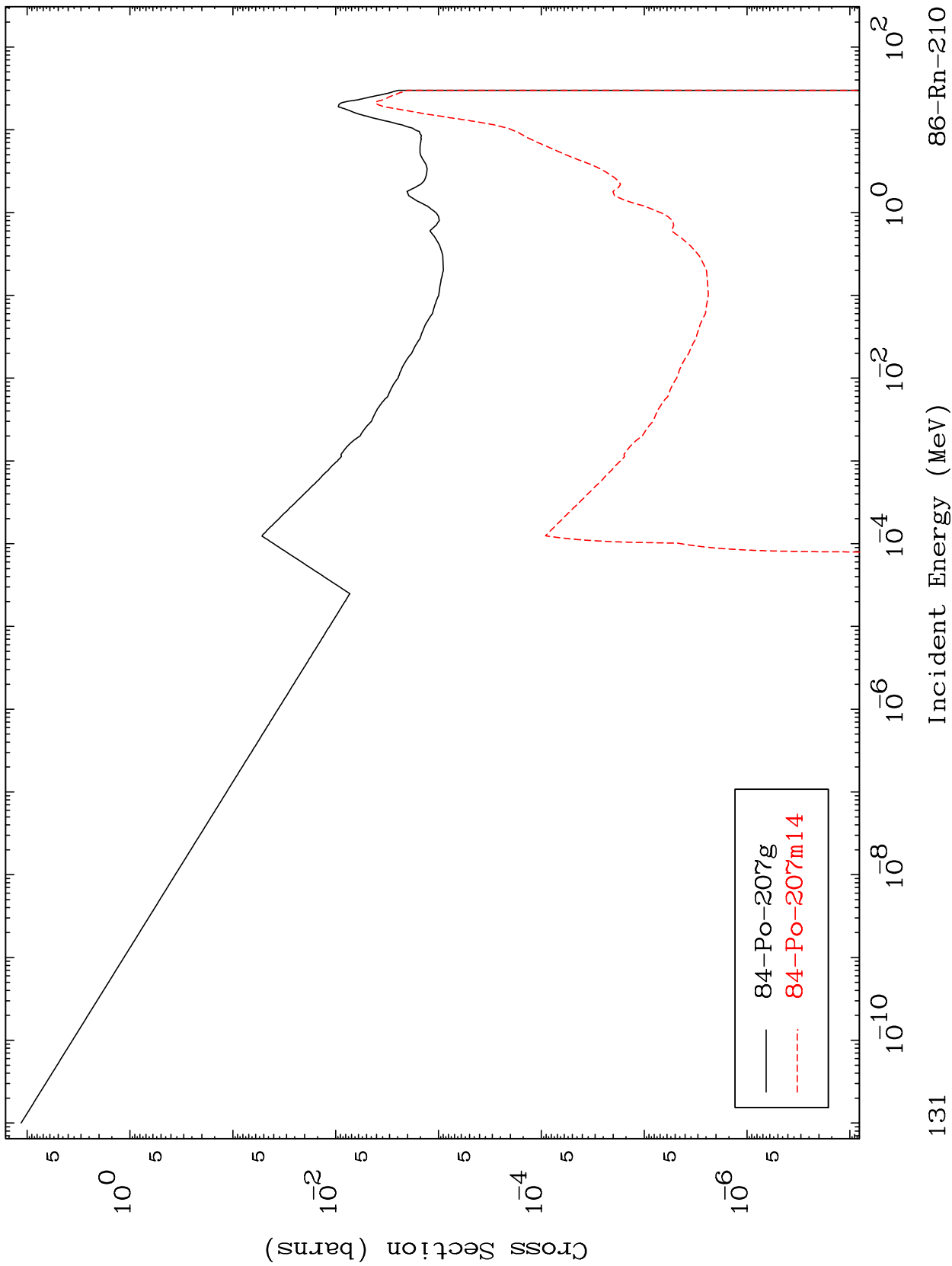
Incident Energy (MeV)

86-Rn-210

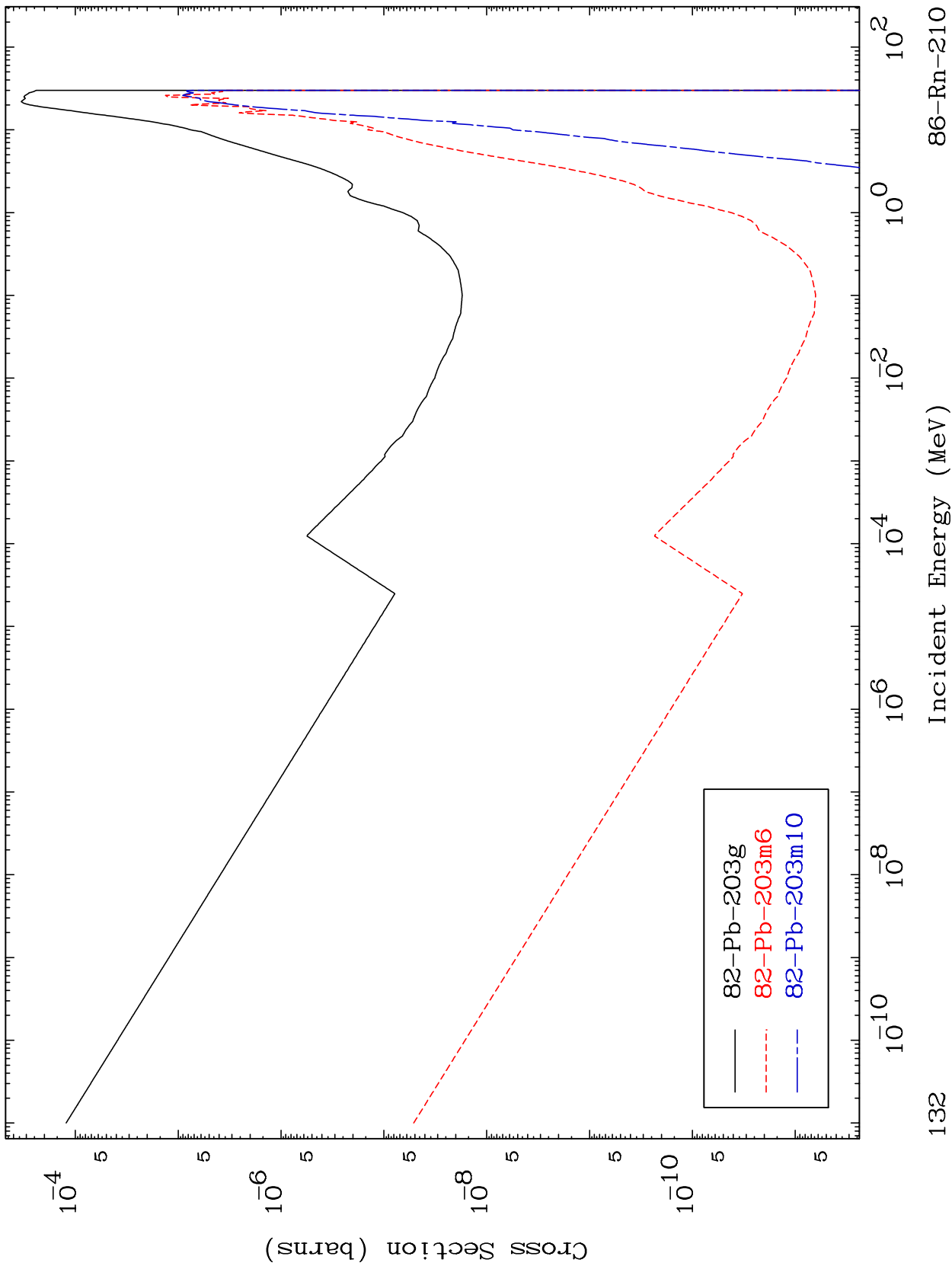
MAT 8622

86-Rn-210

(n, α)
Radionuclide Production Cross Section



(n,2α)
Radionuclide Production Cross Section

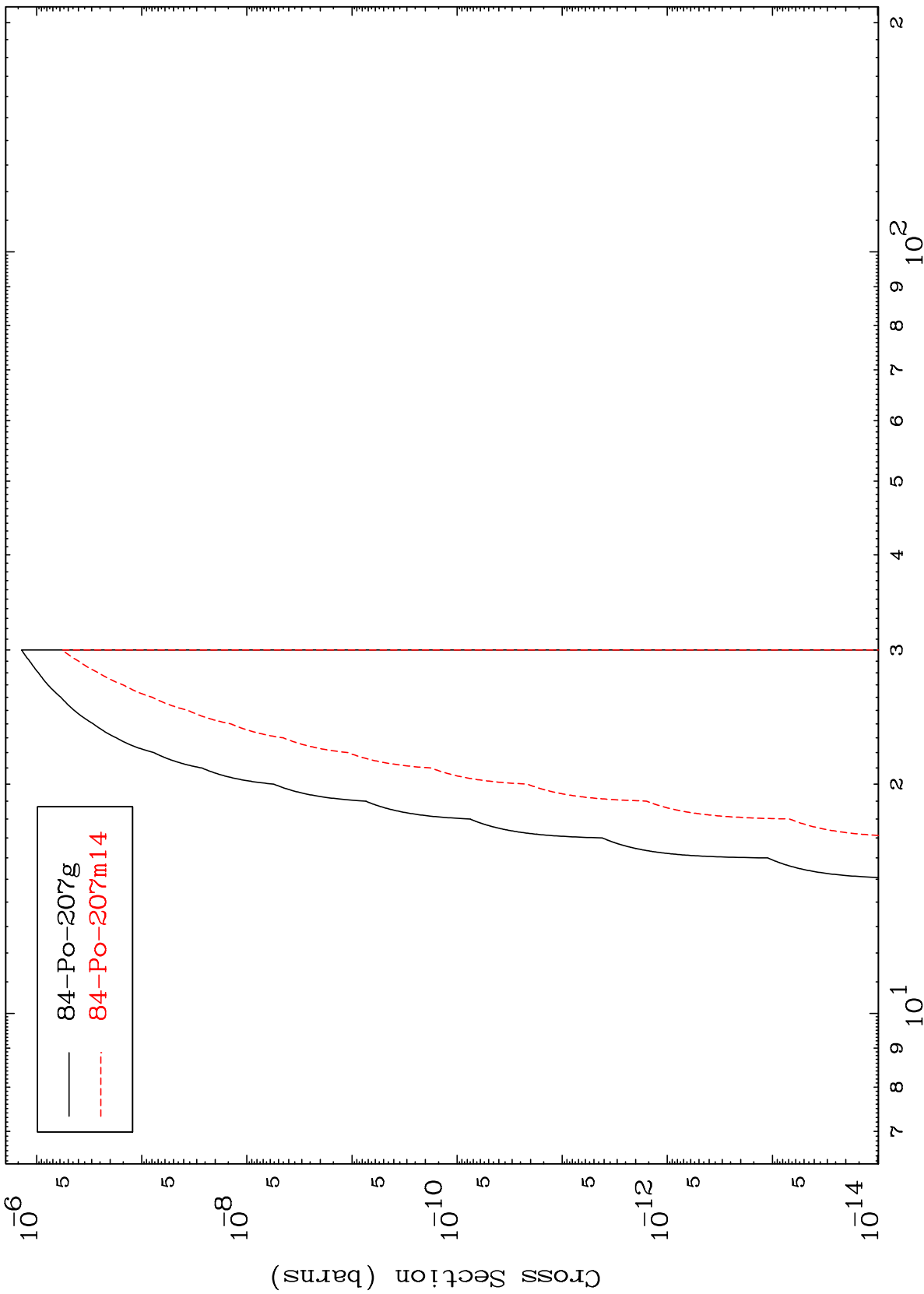


MAT 8622

(n,p) t

86-Rn-210

Radionuclide Production Cross Section



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