

Program EVALPLOT
(Version 2015-2)

by

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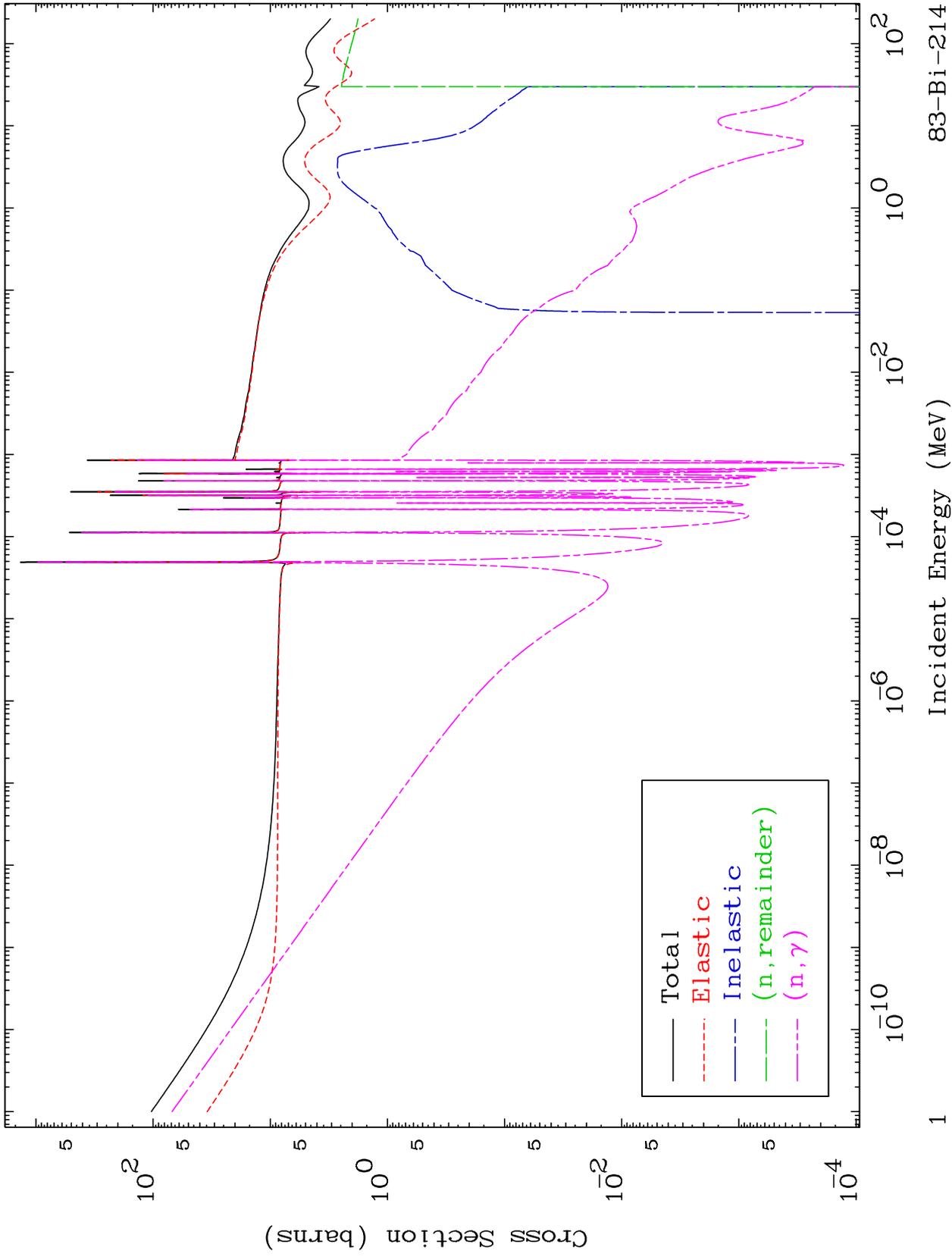
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8340

Major
293 Kelvin Cross Sections

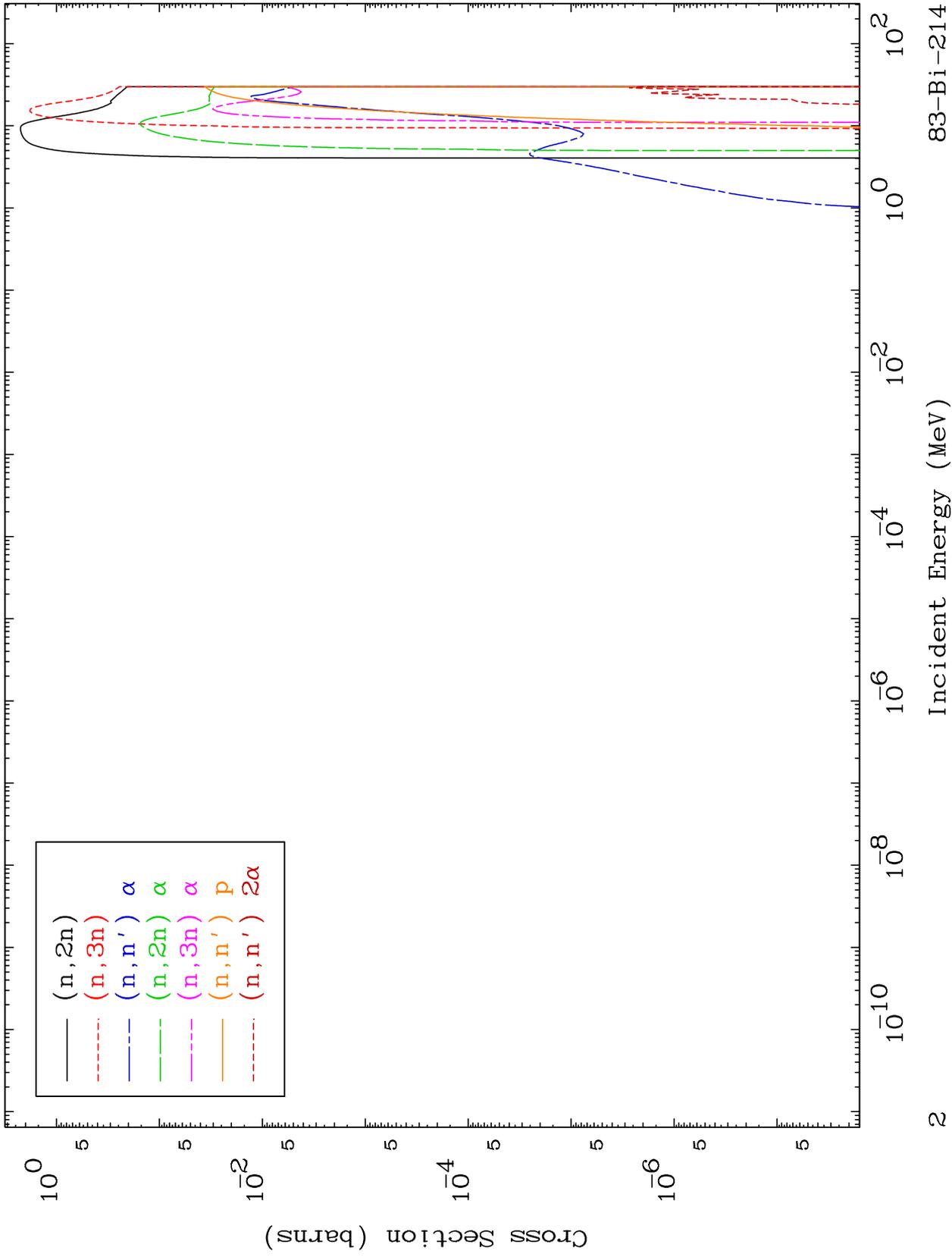
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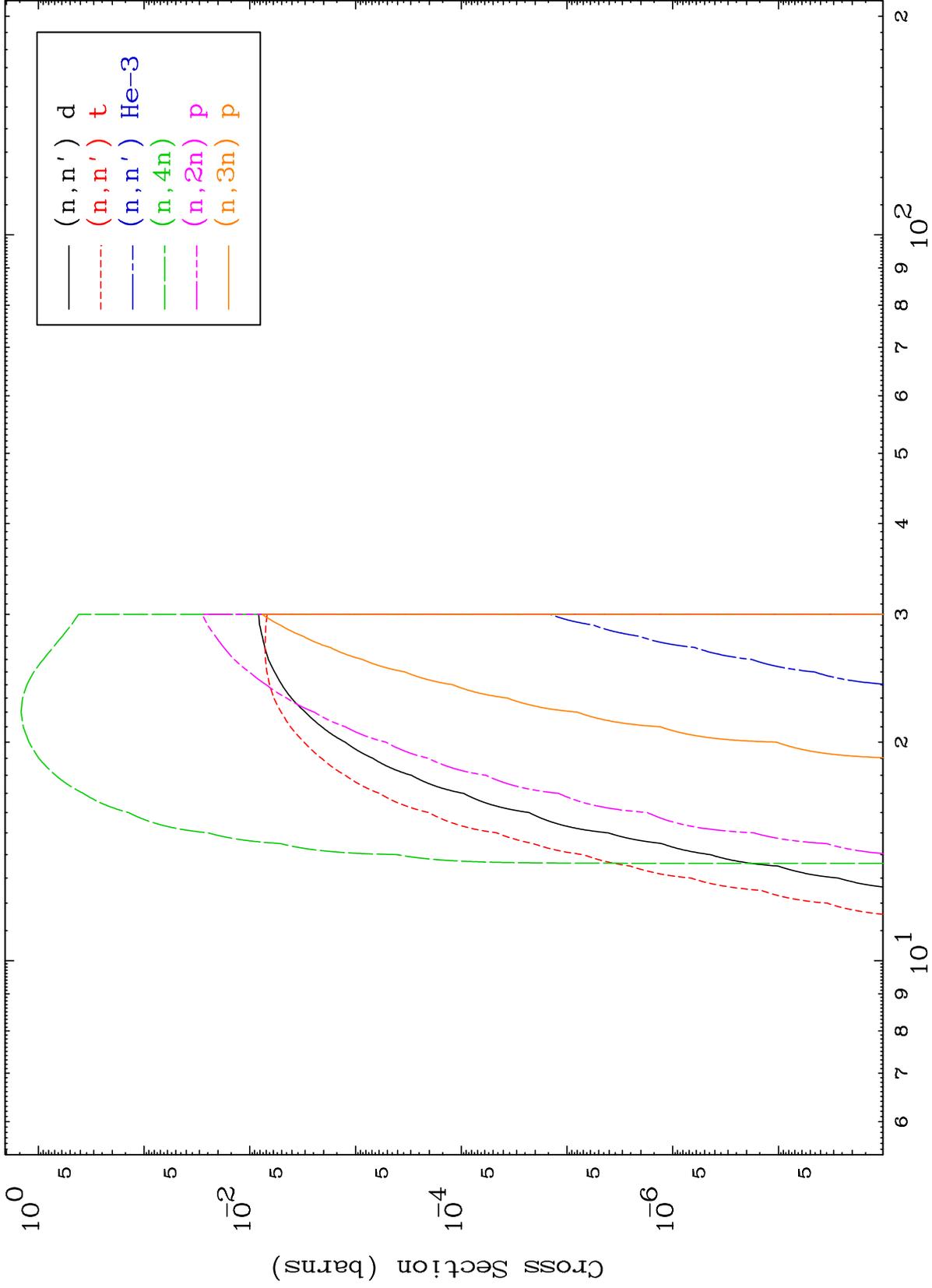


MAT 8340

Neutron Production
293 Kelvin Cross Sections

83-Bi-214

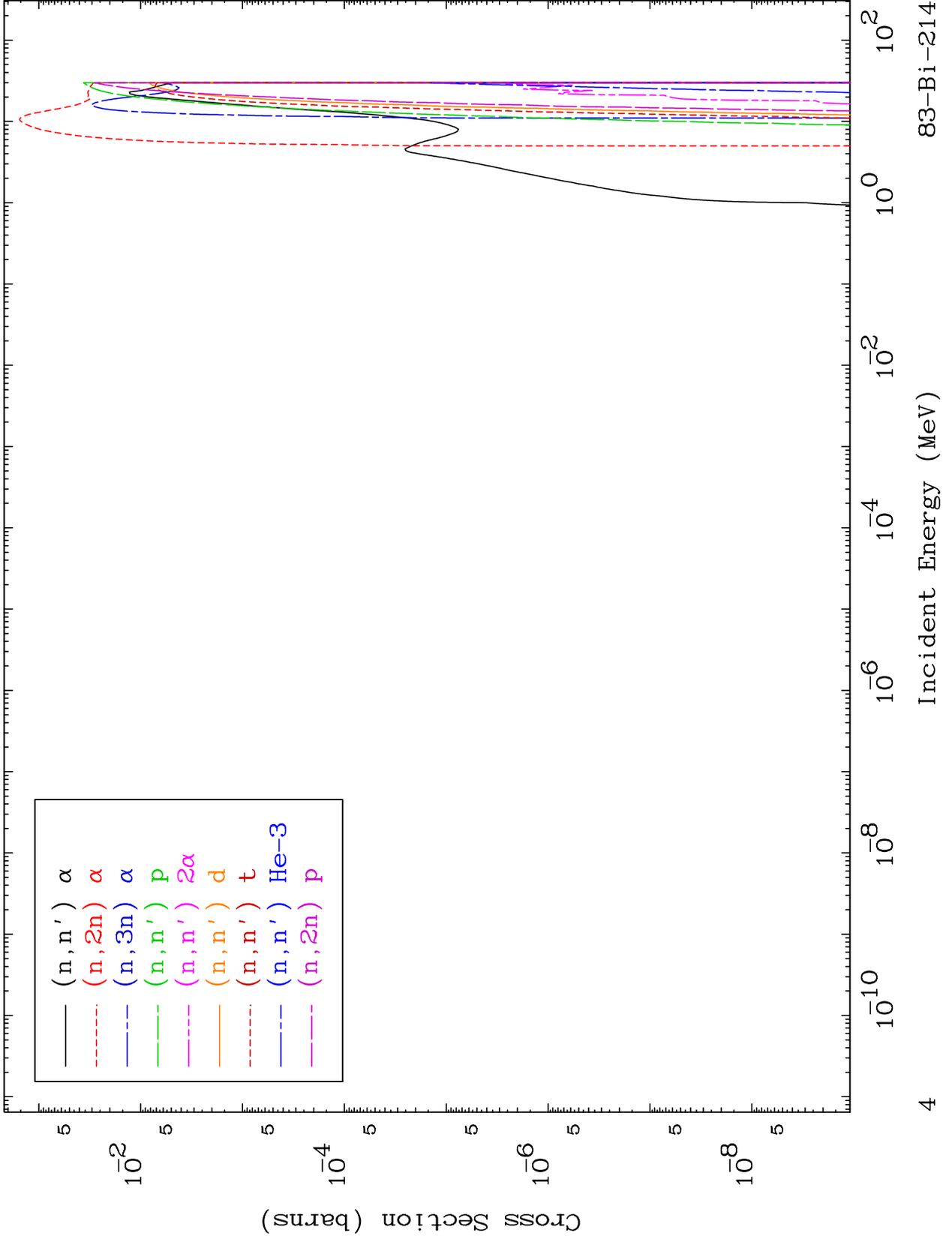




MAT 8340

Charged Particle
293 Kelvin Cross Sections

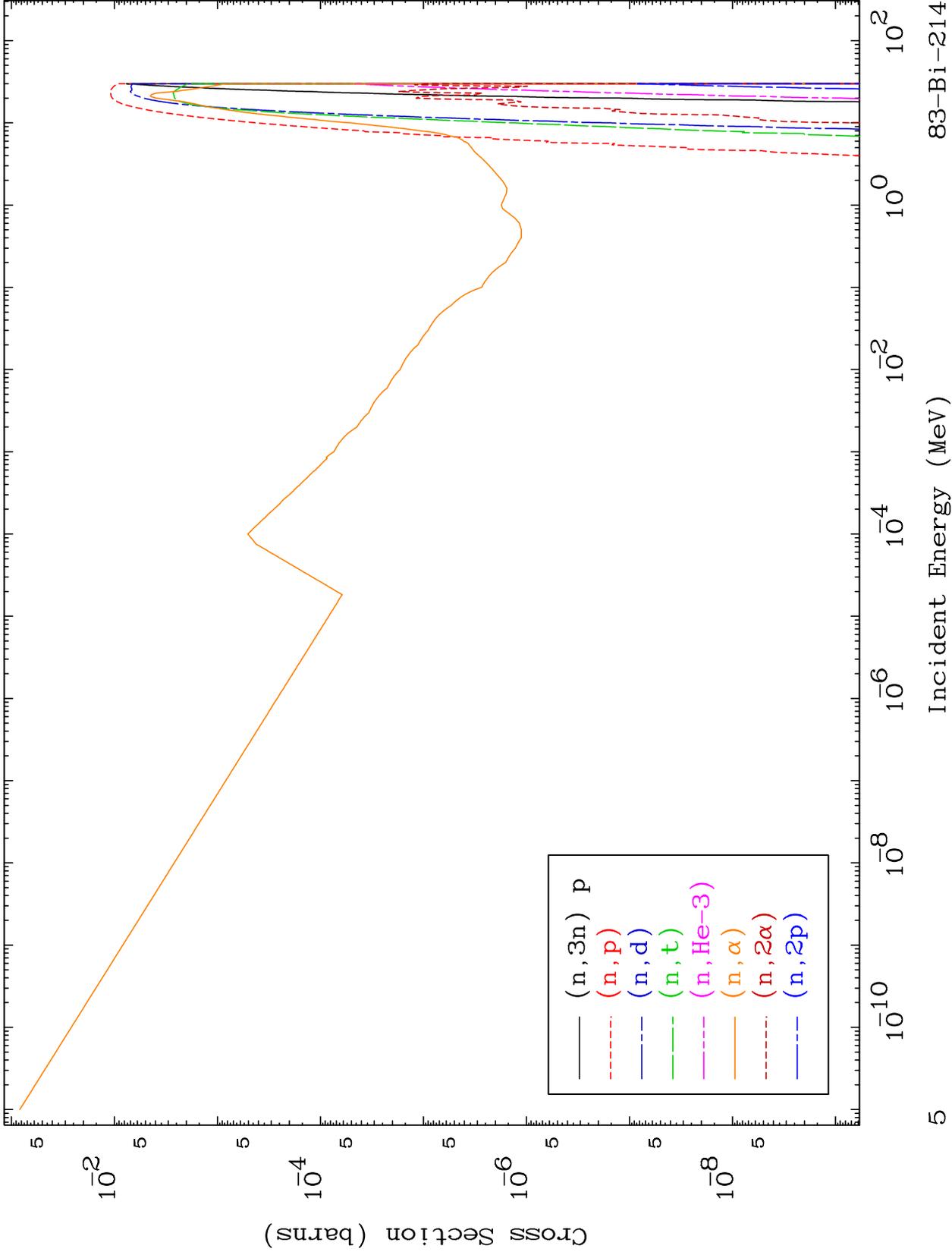
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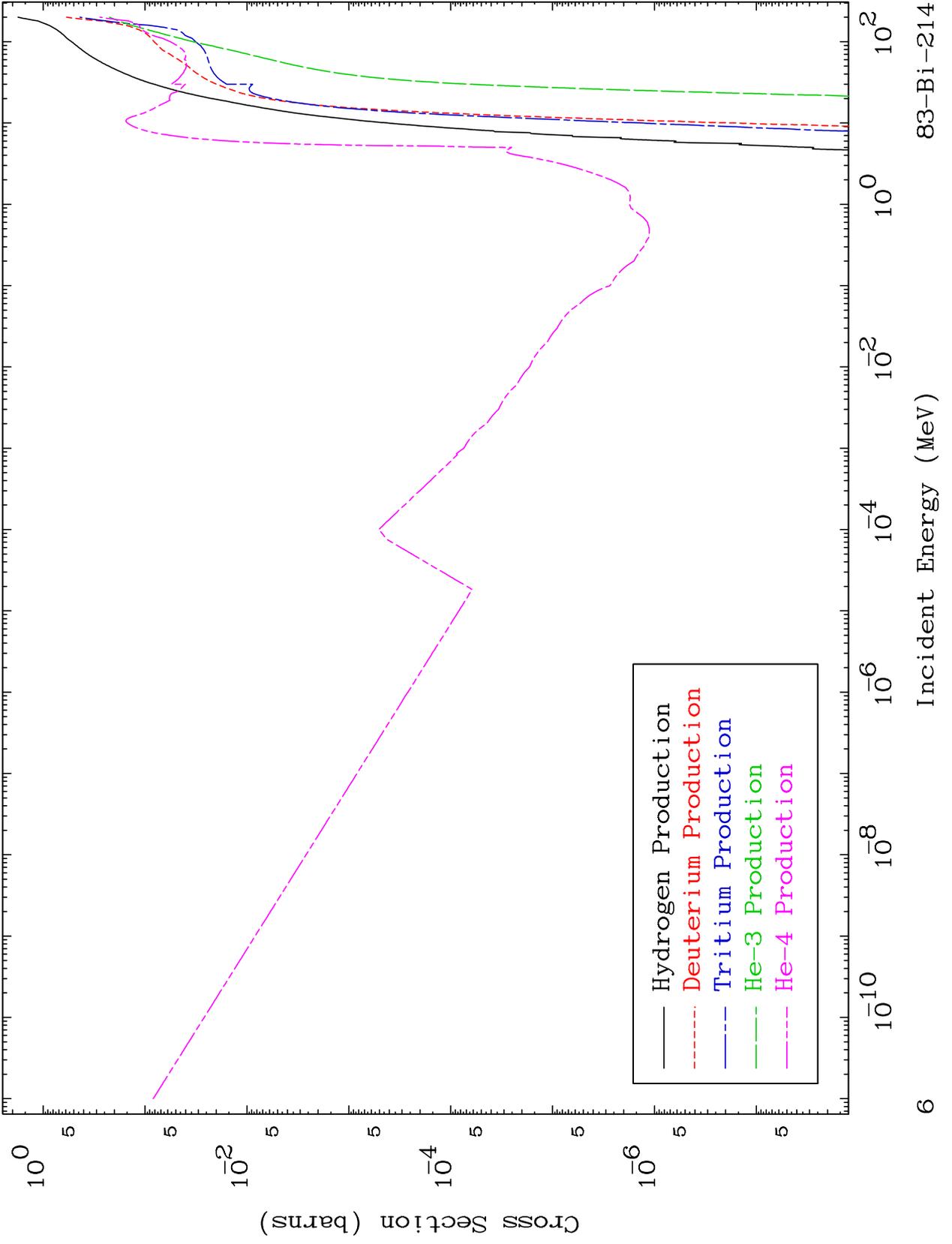


MAT 8340

Charged Particle
293 Kelvin Cross Sections

83-Bi-214

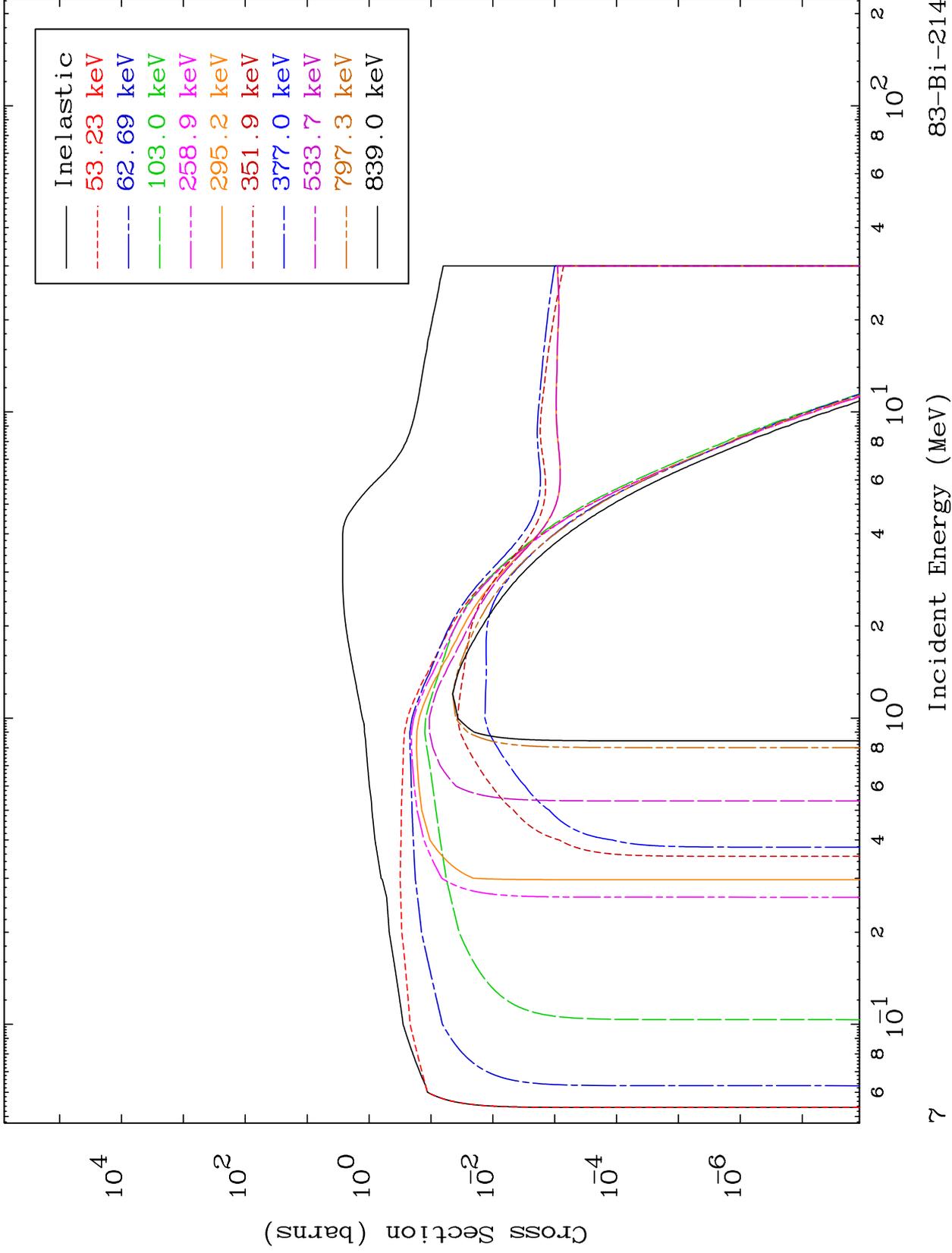




MAT 8340

(n,n') Level
293 Kelvin Cross Sections

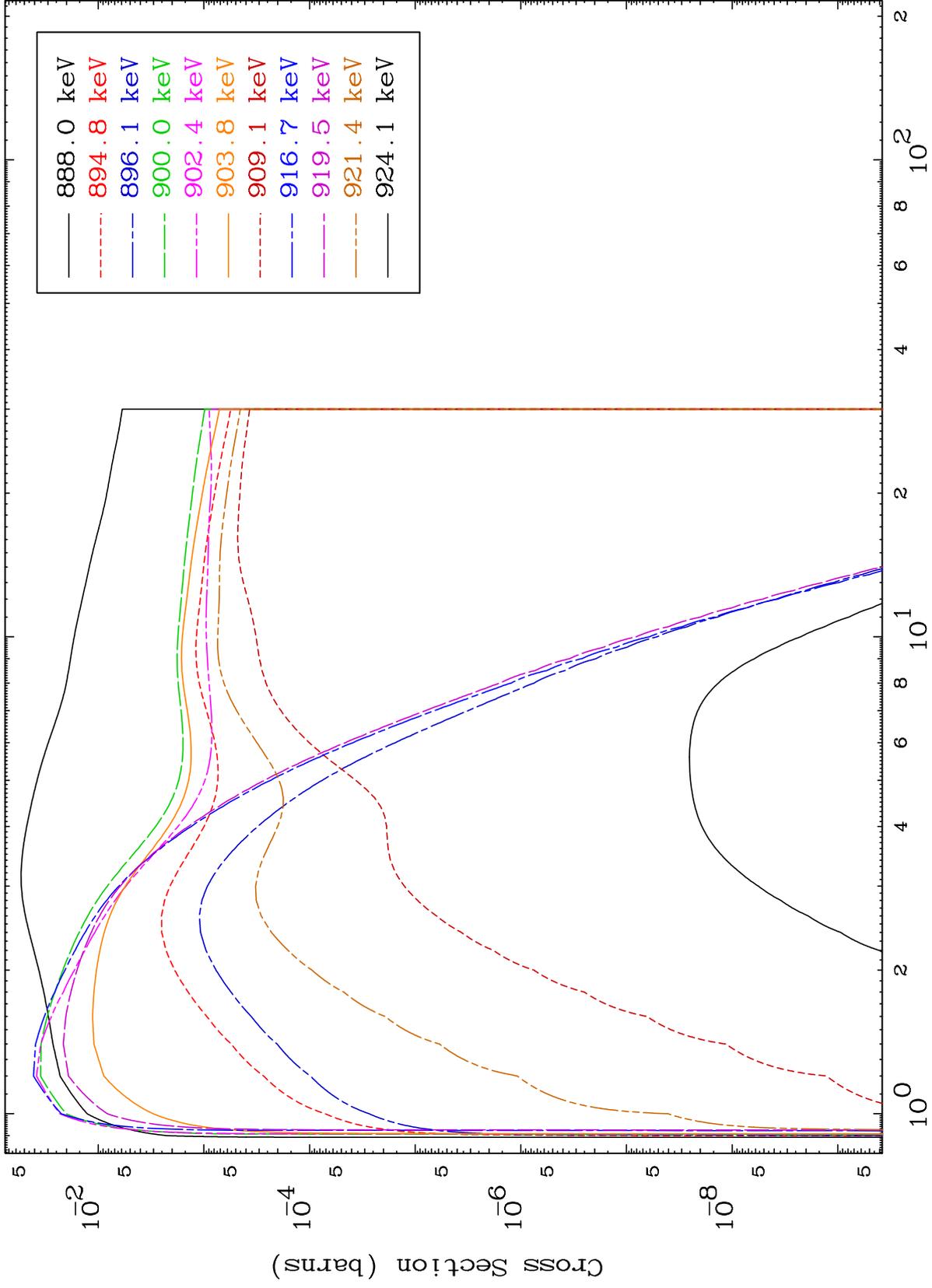
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MAT 8340

(n,n') Level
293 Kelvin Cross Sections

83-Bi-214



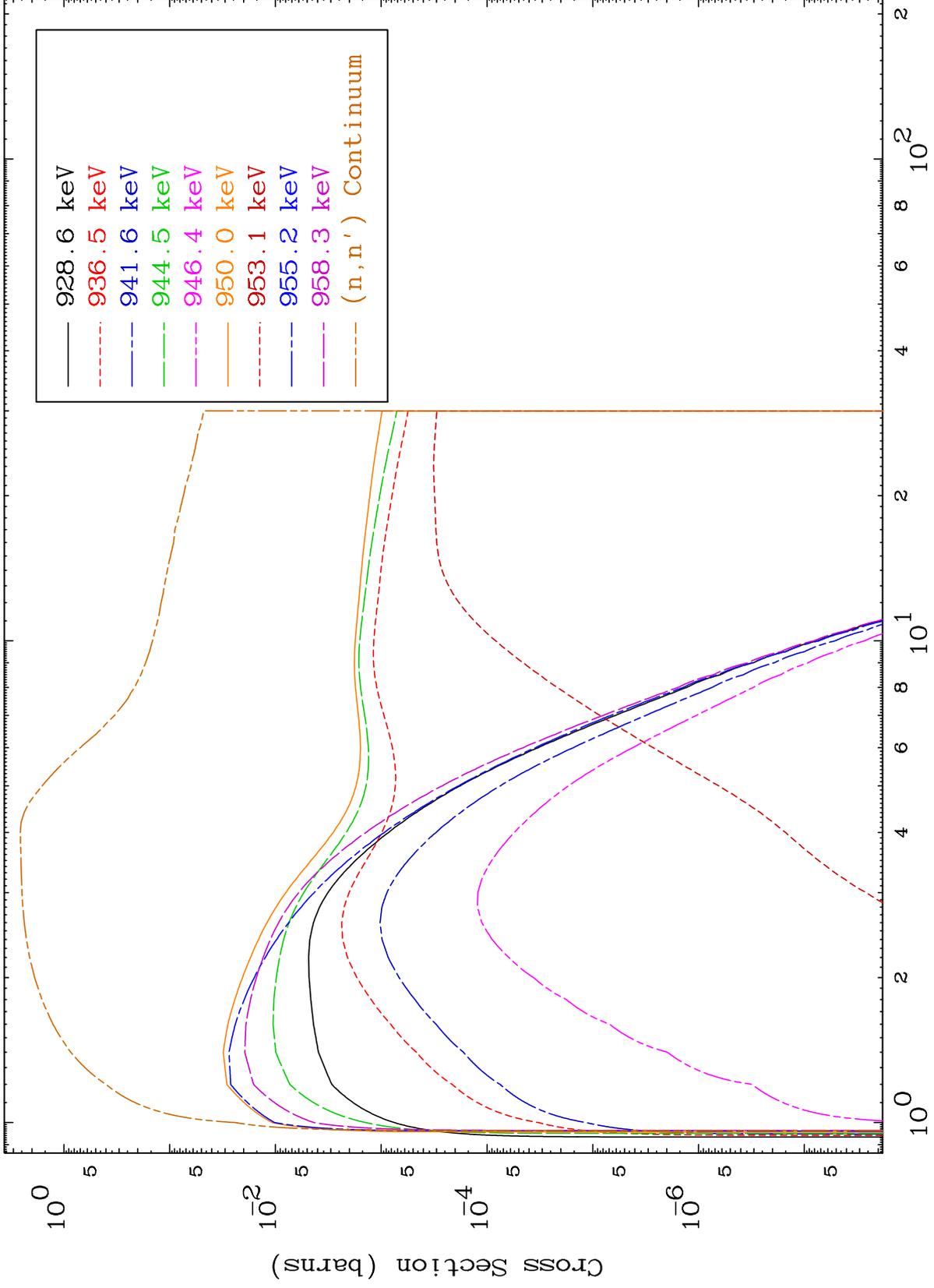
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n,n') Level
293 Kelvin Cross Sections

83-Bi-214



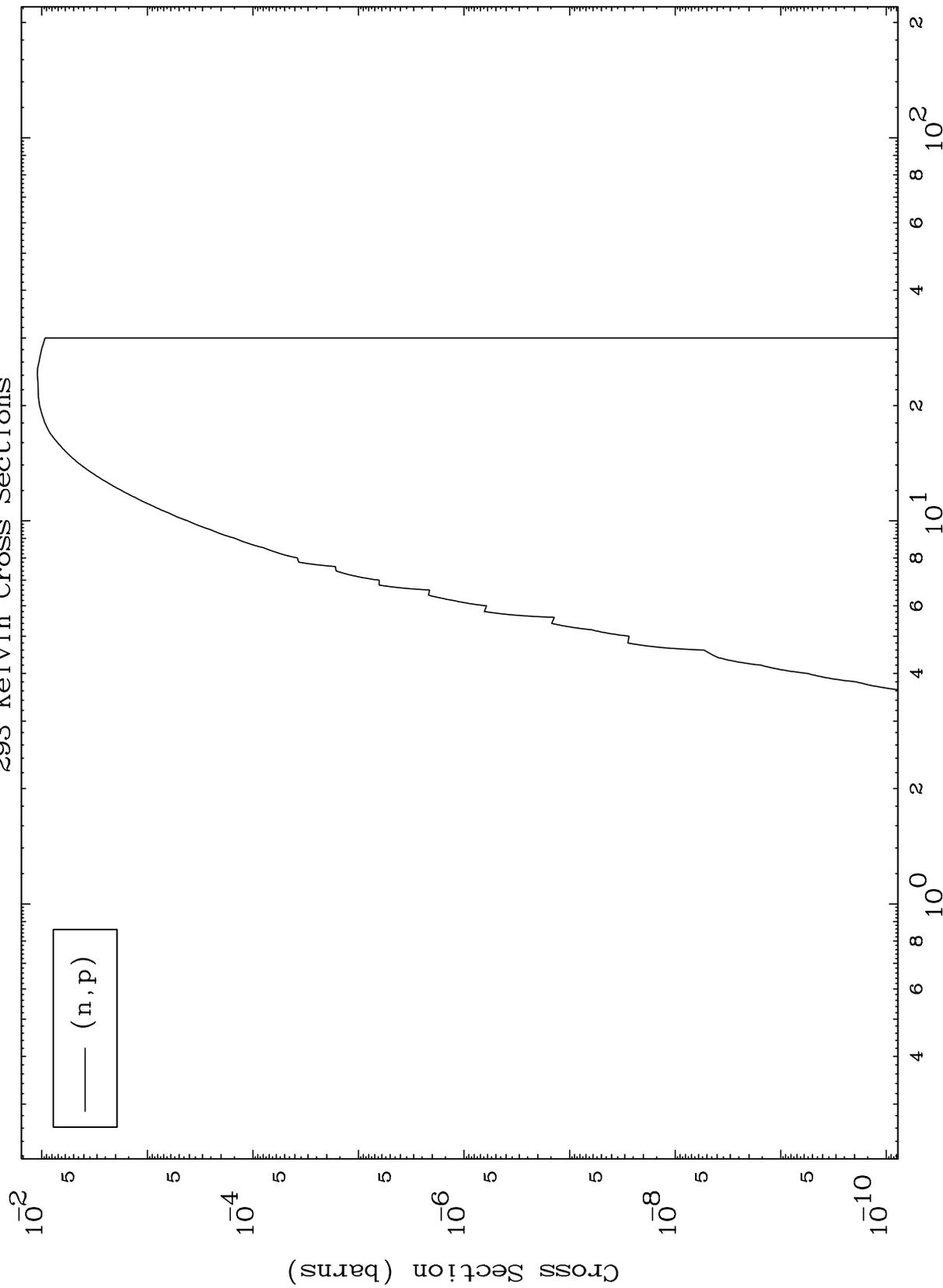
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

(n,p) Levels
293 Kelvin Cross Sections



83-Bi-214

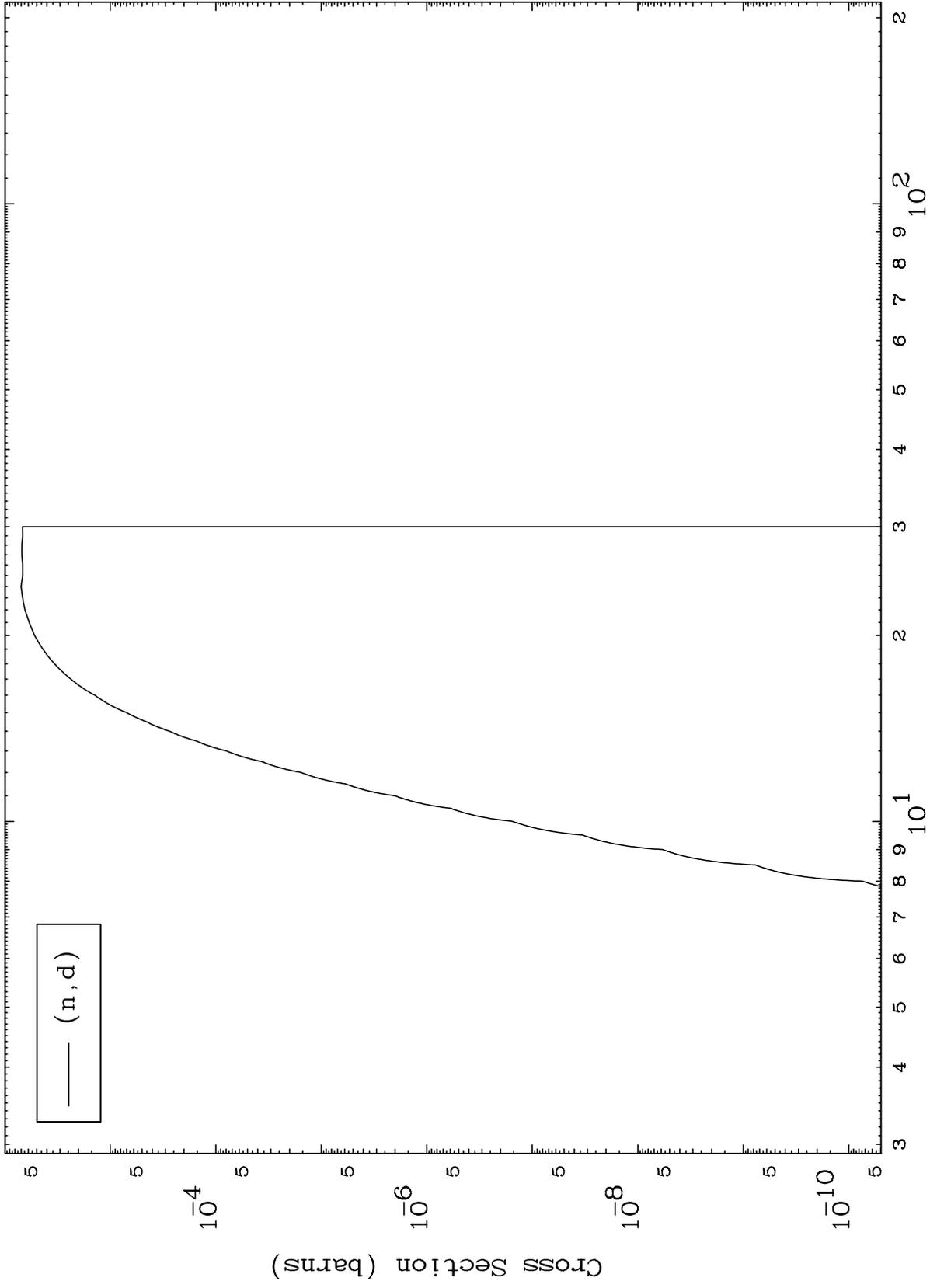
Incident Energy (MeV)

10

MAT 8340

(n,d) Levels
293 Kelvin Cross Sections

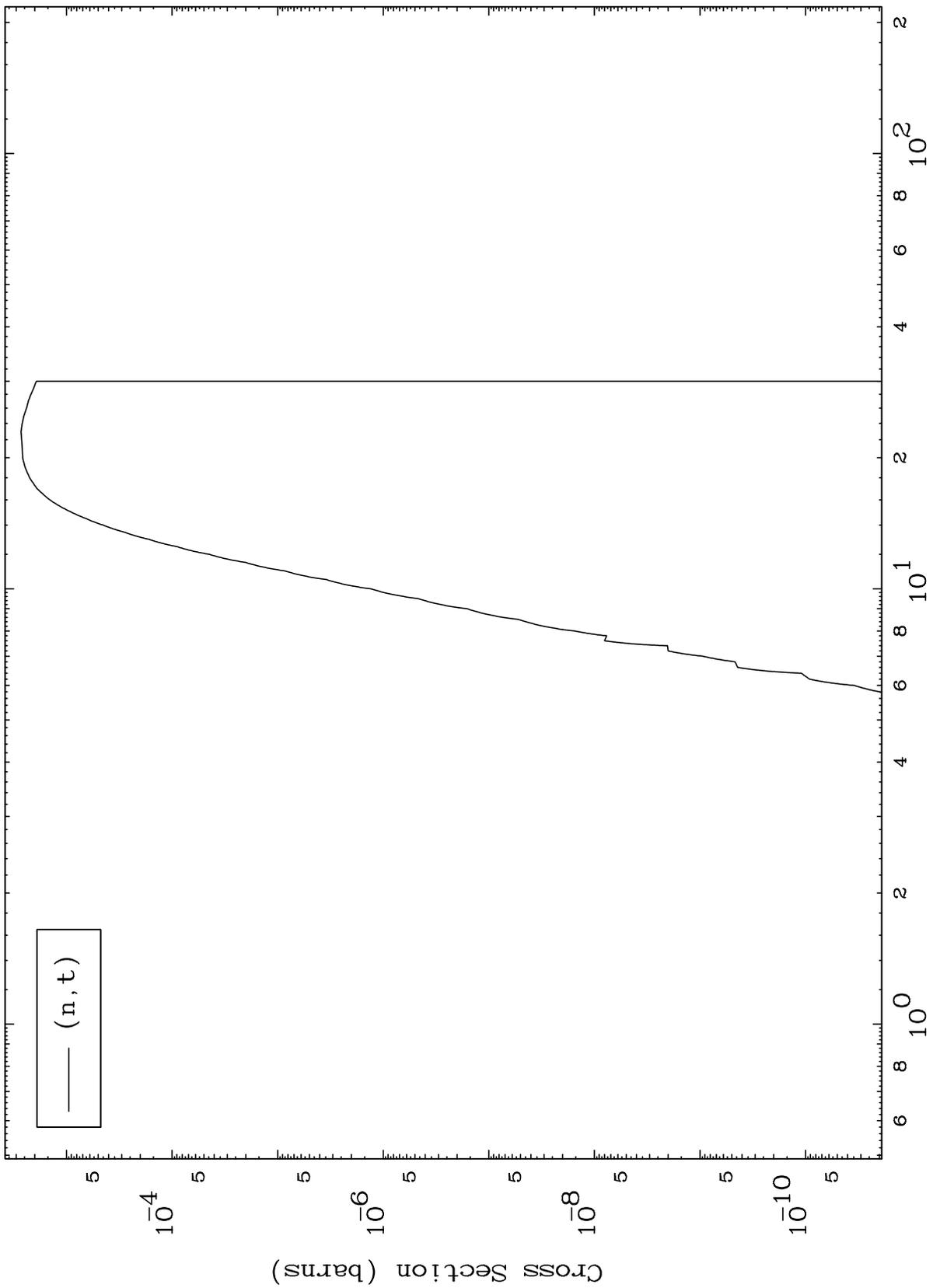
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MAT 8340

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-214



12

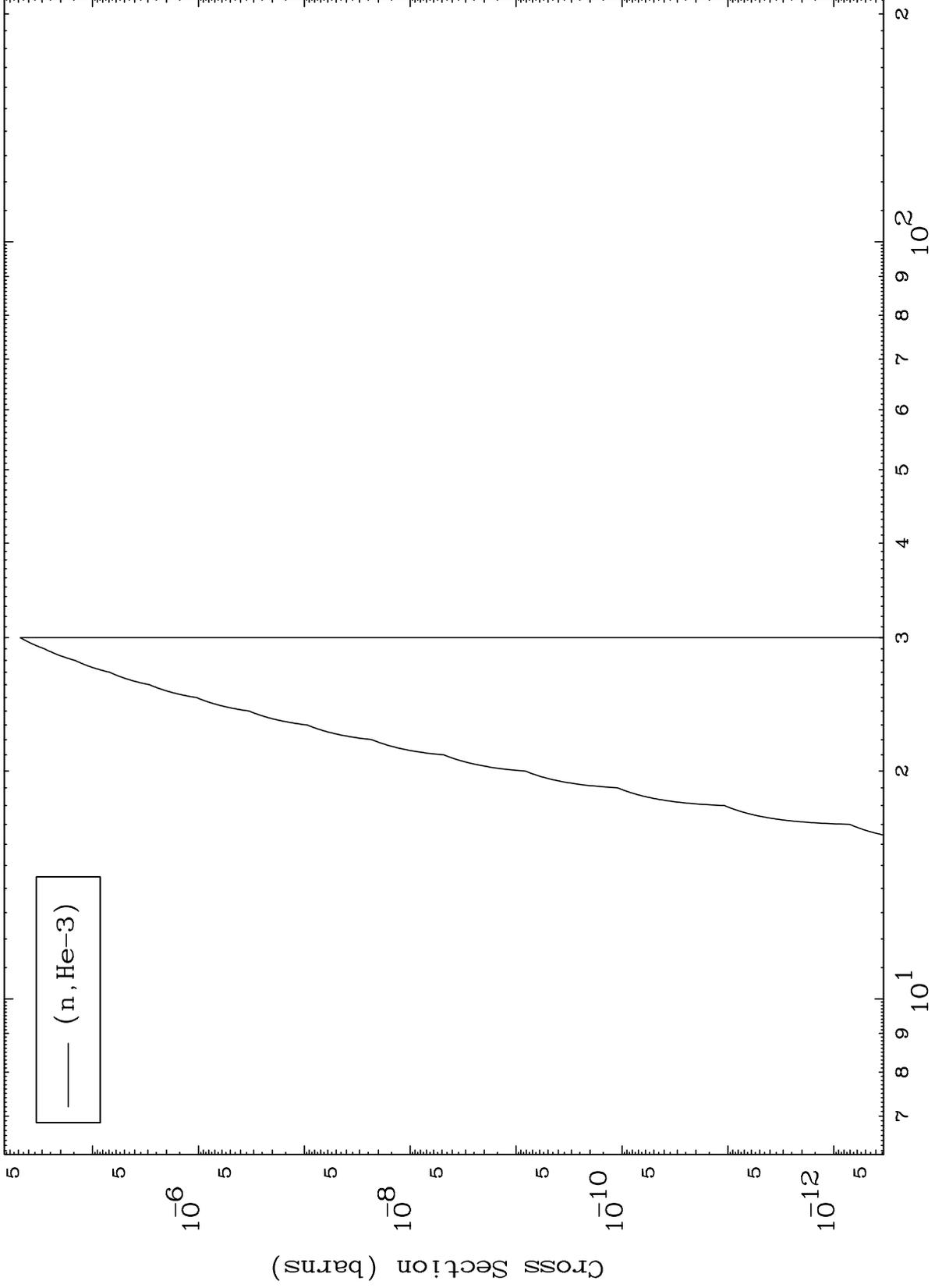
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83-Bi-214

MAT 8340

(n,He3) Levels
293 Kelvin Cross Sections

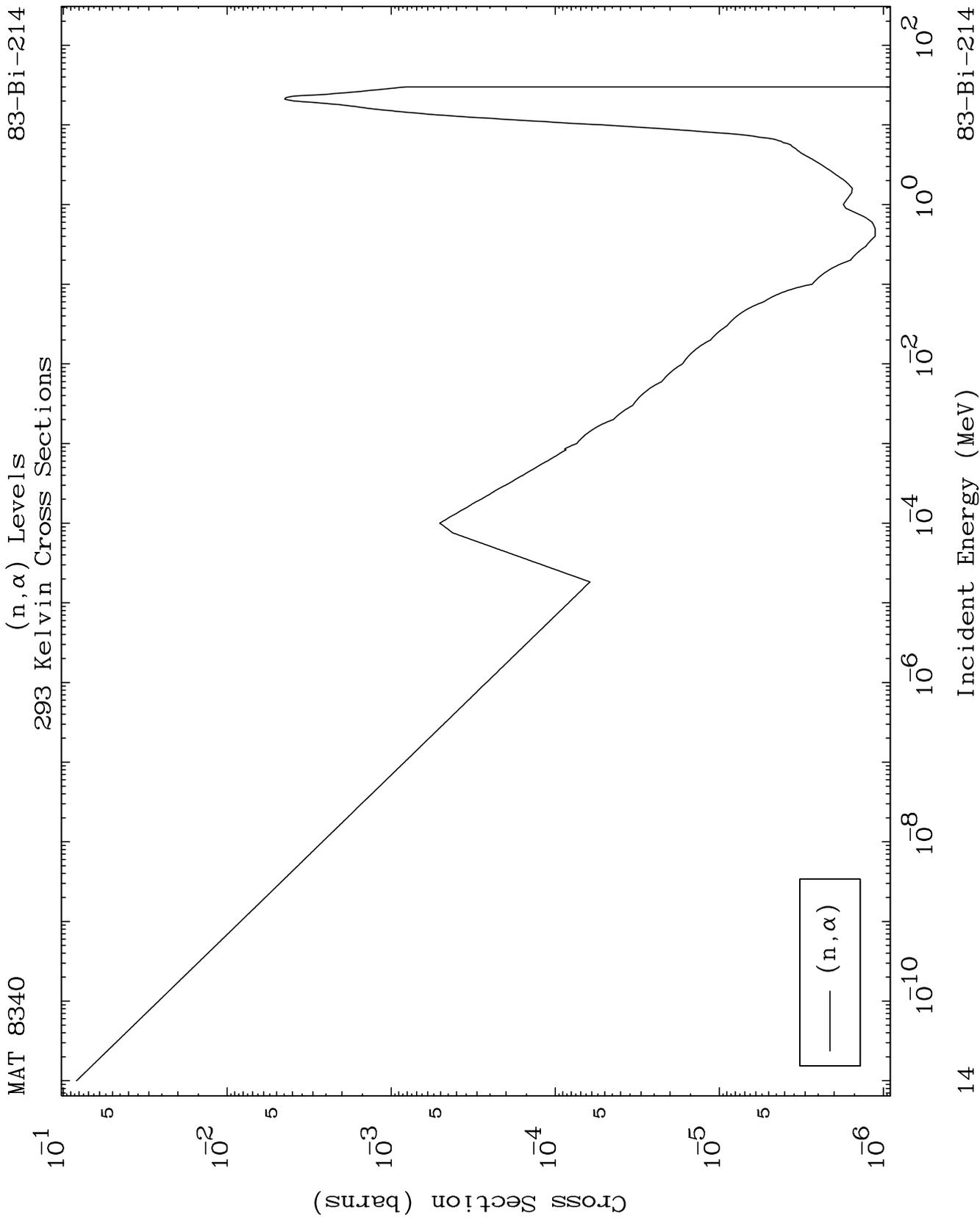
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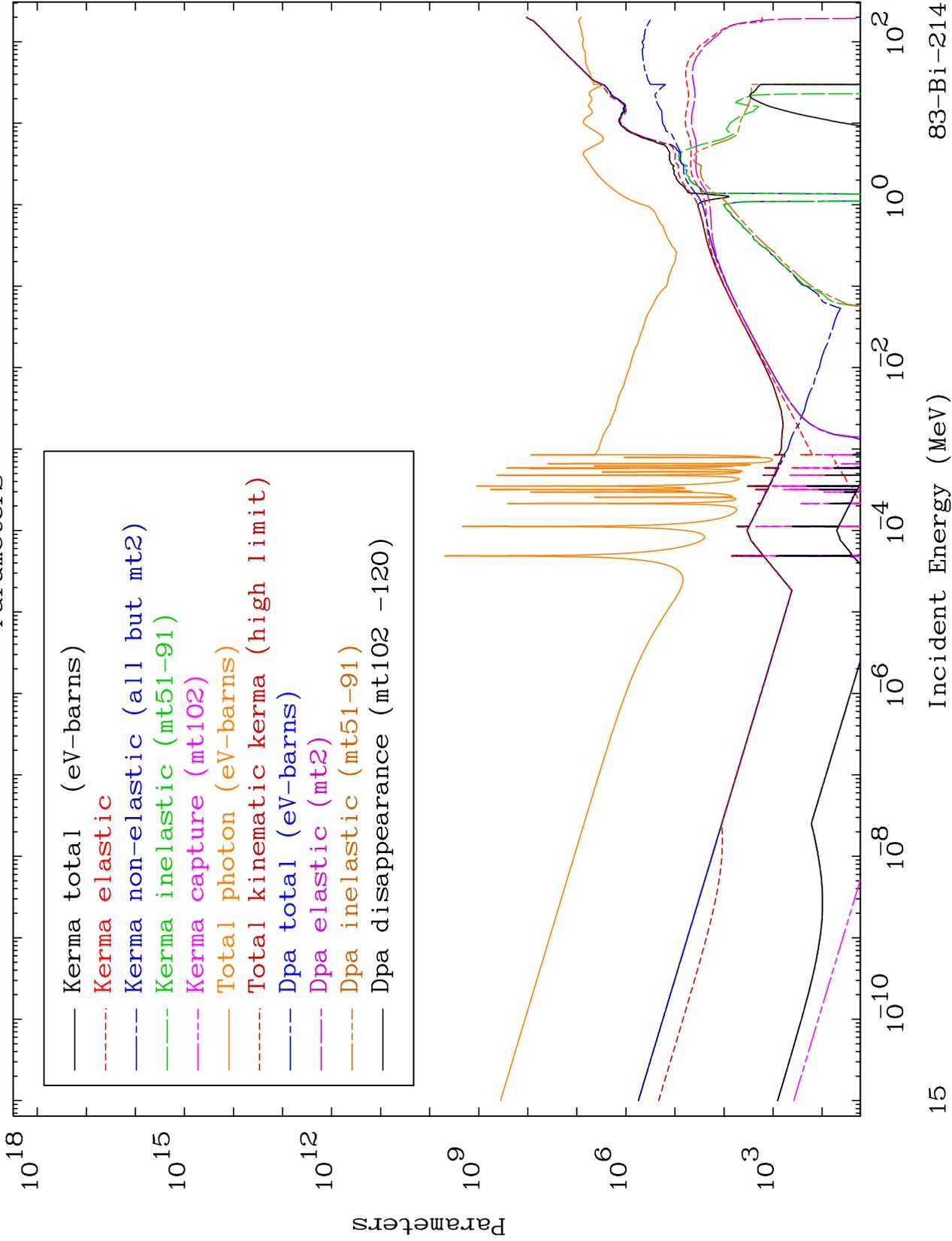
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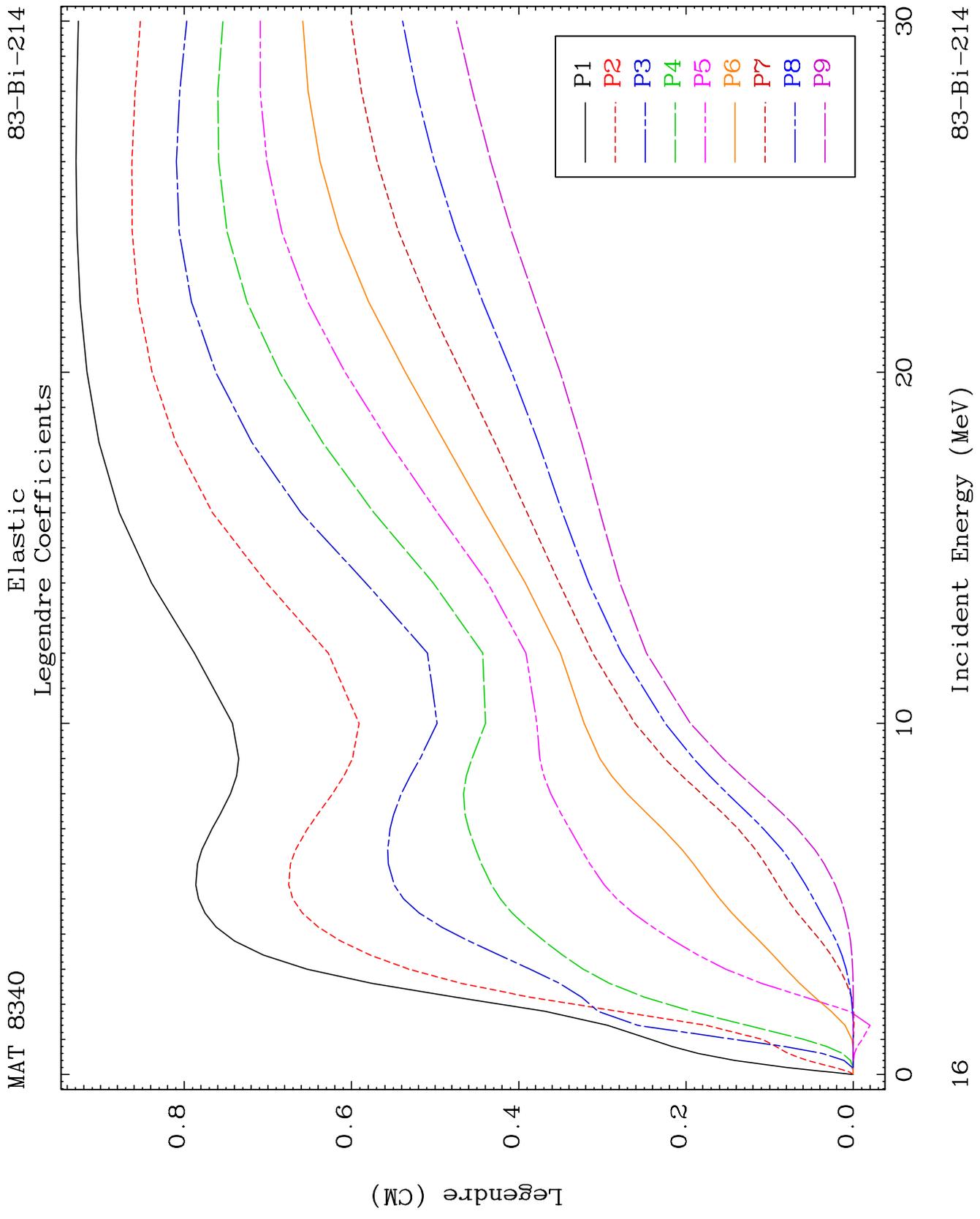
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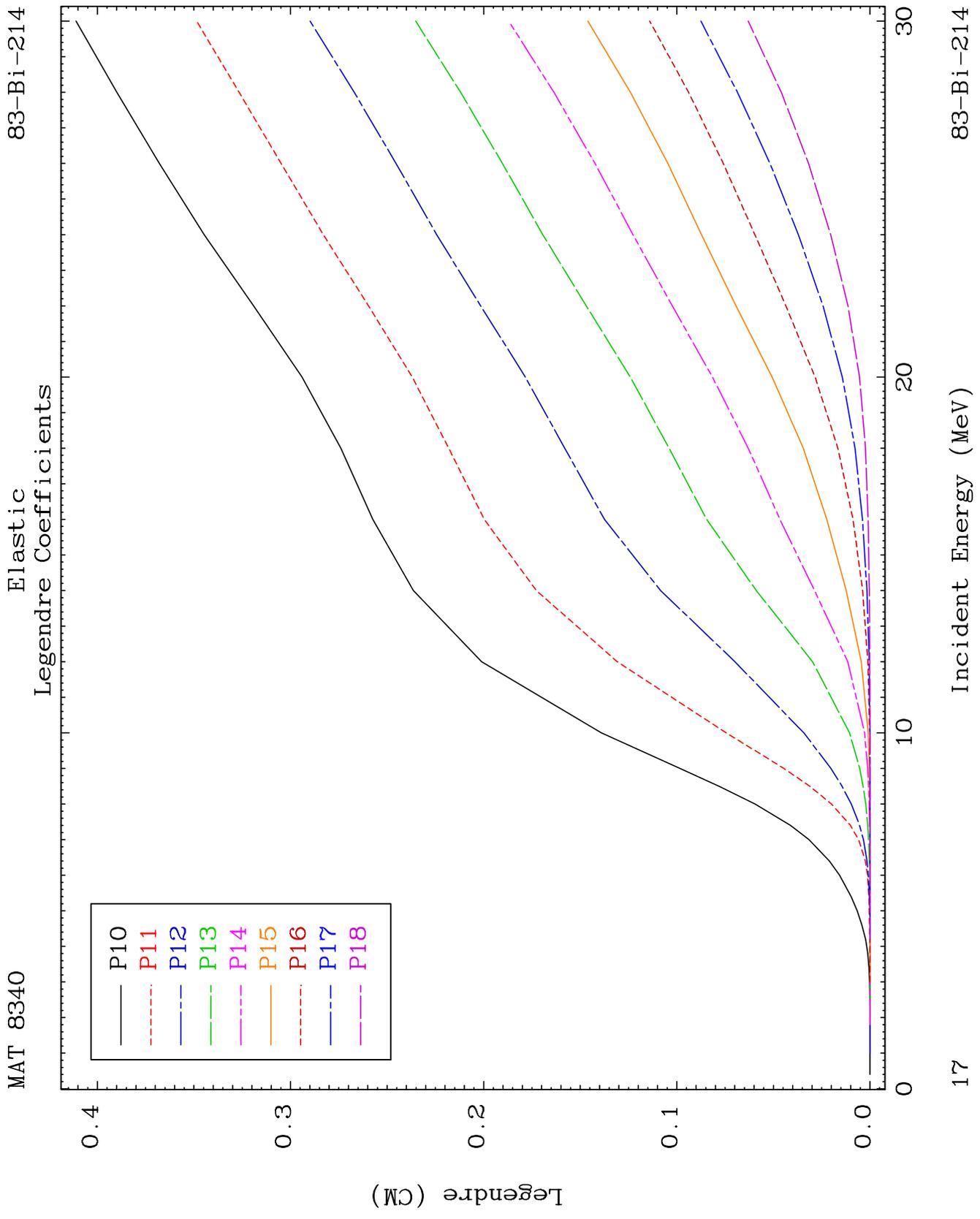


Cross Section (barns)

(n, α)



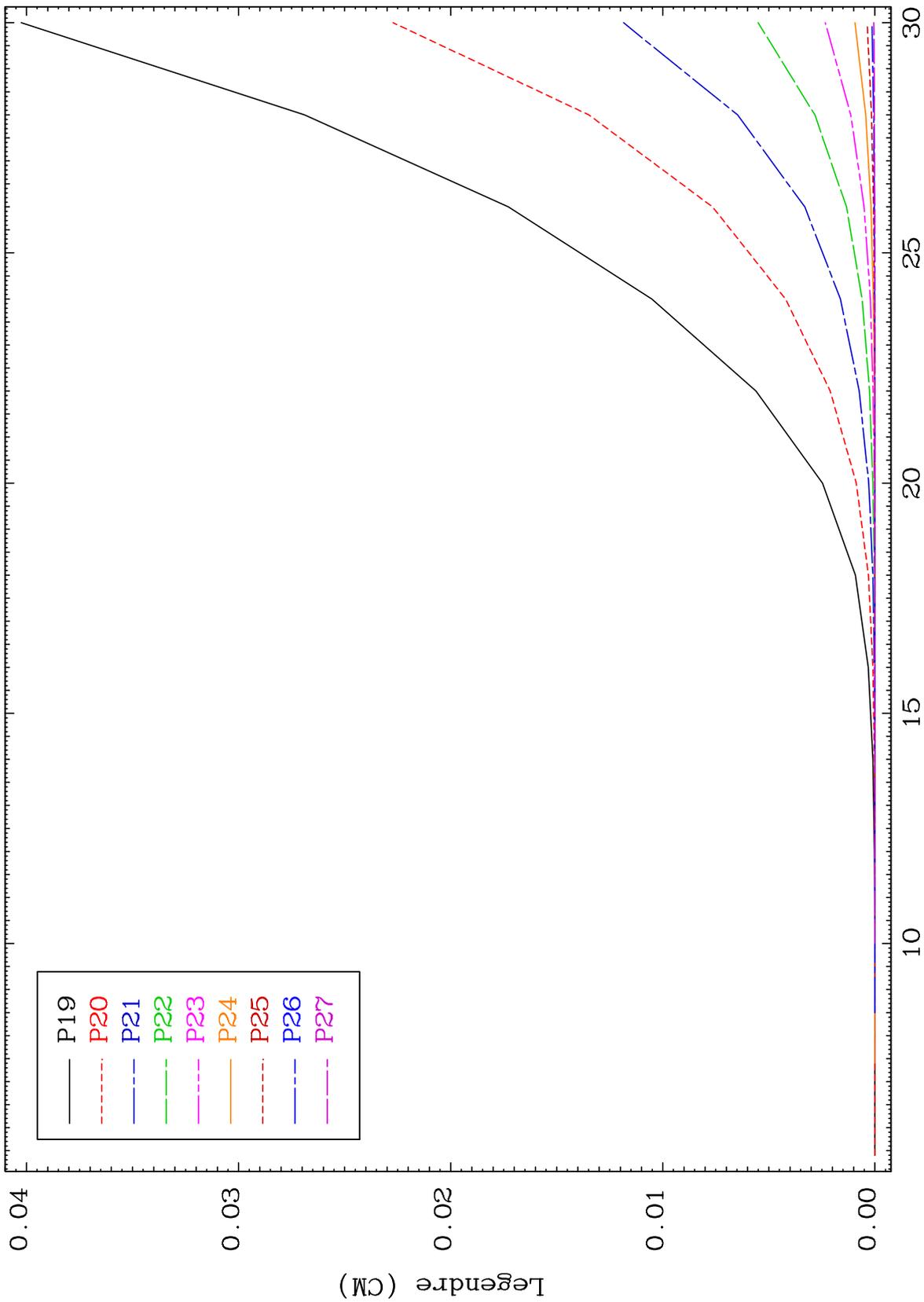




MAT 8340

Elastic
Legendre Coefficients

83-Bi-214



18

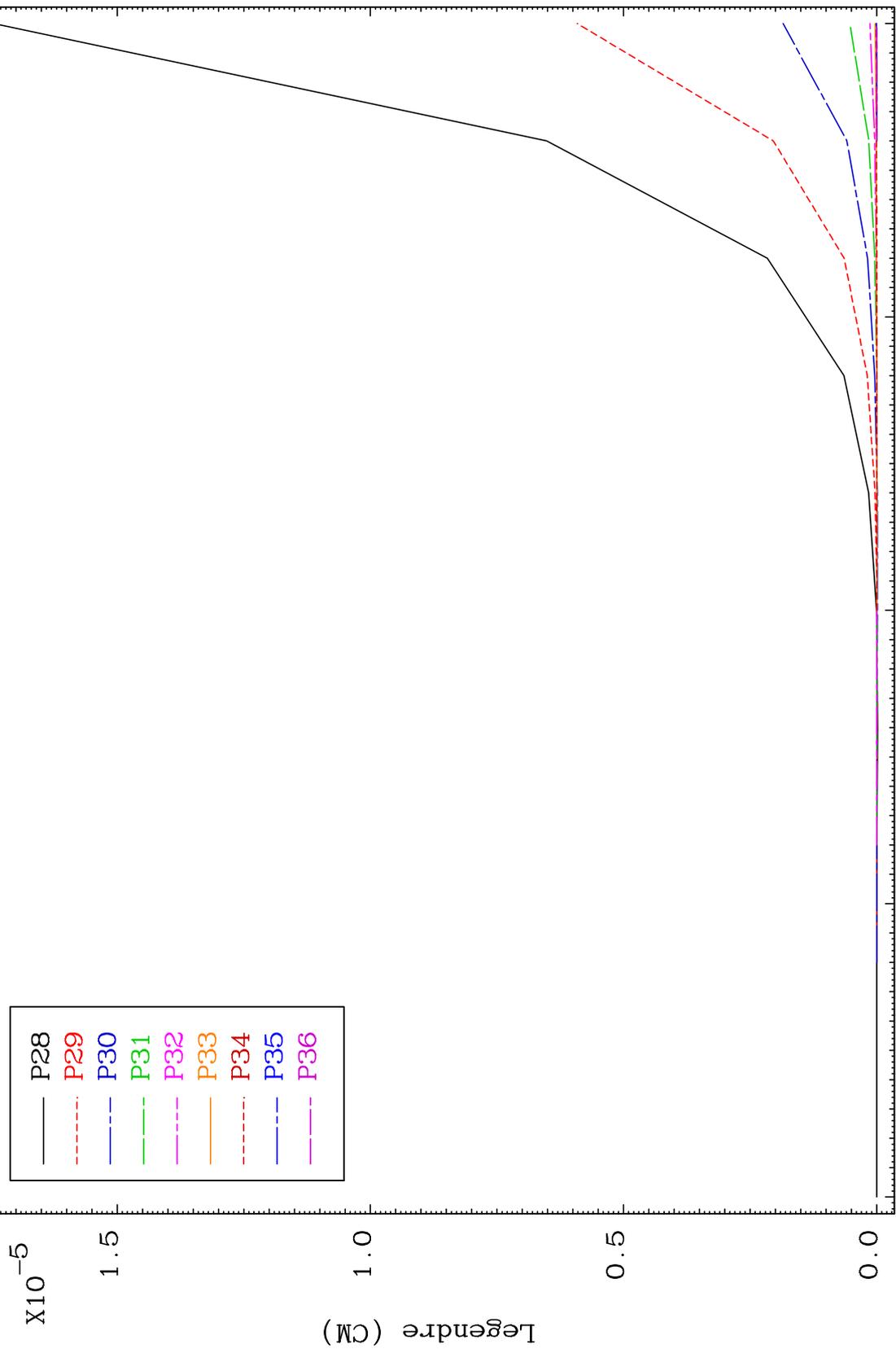
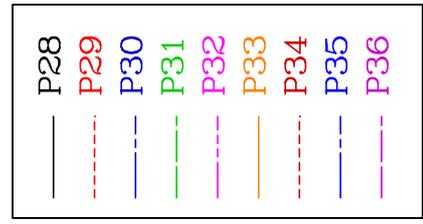
Incident Energy (MeV)

83-Bi-214

MAT 8340

Elastic Legendre Coefficients

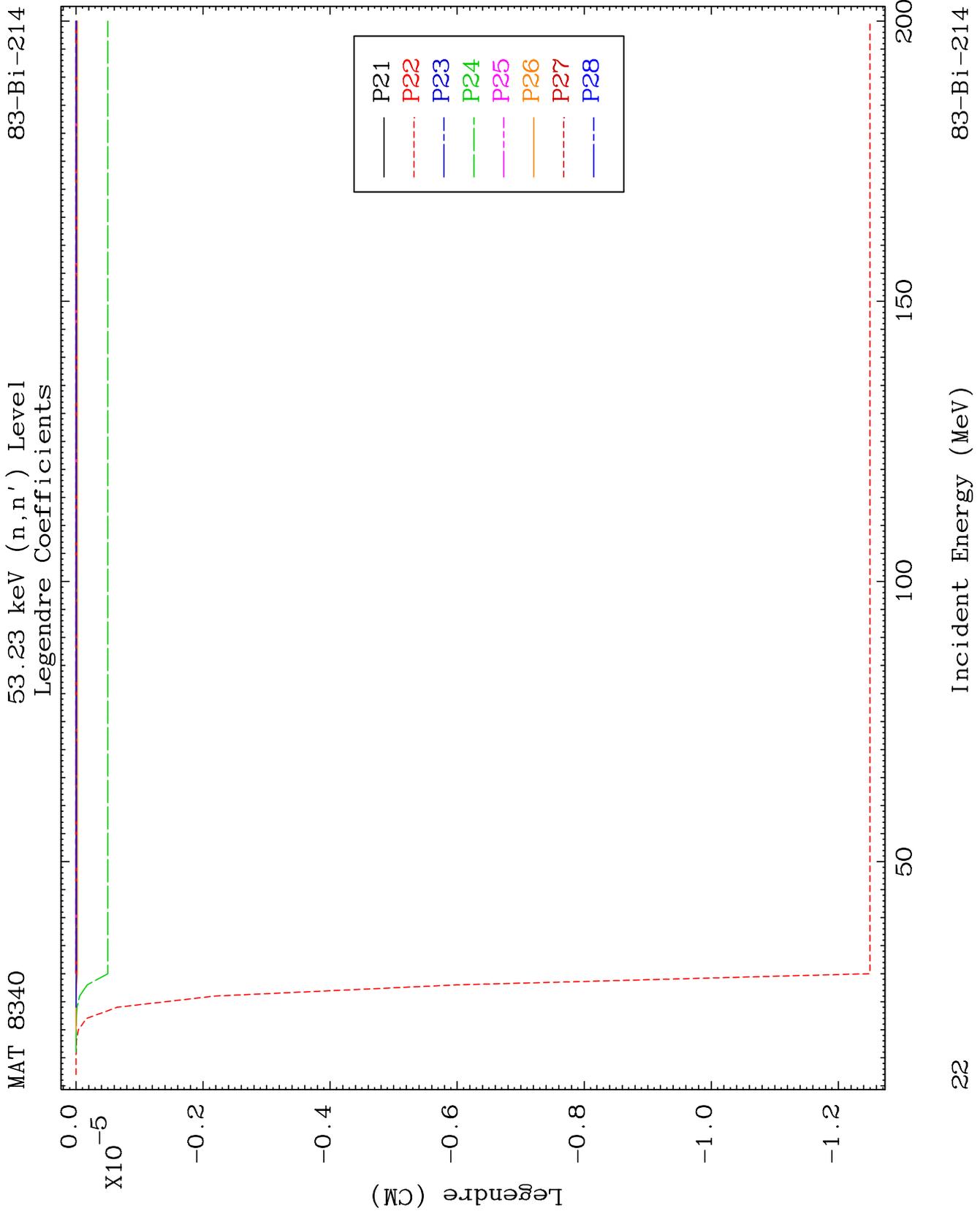
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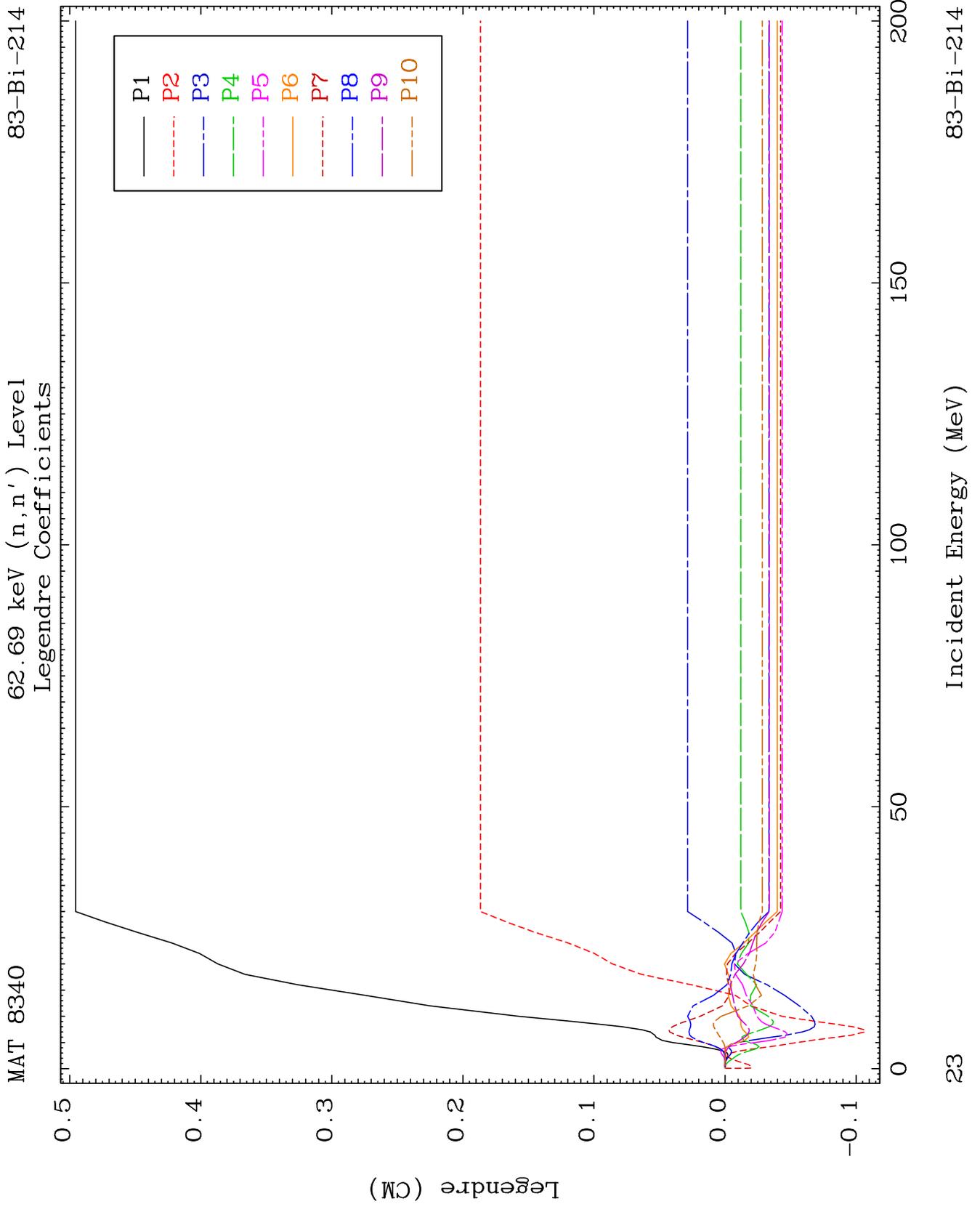


83-Bi-214

Incident Energy (MeV)

19

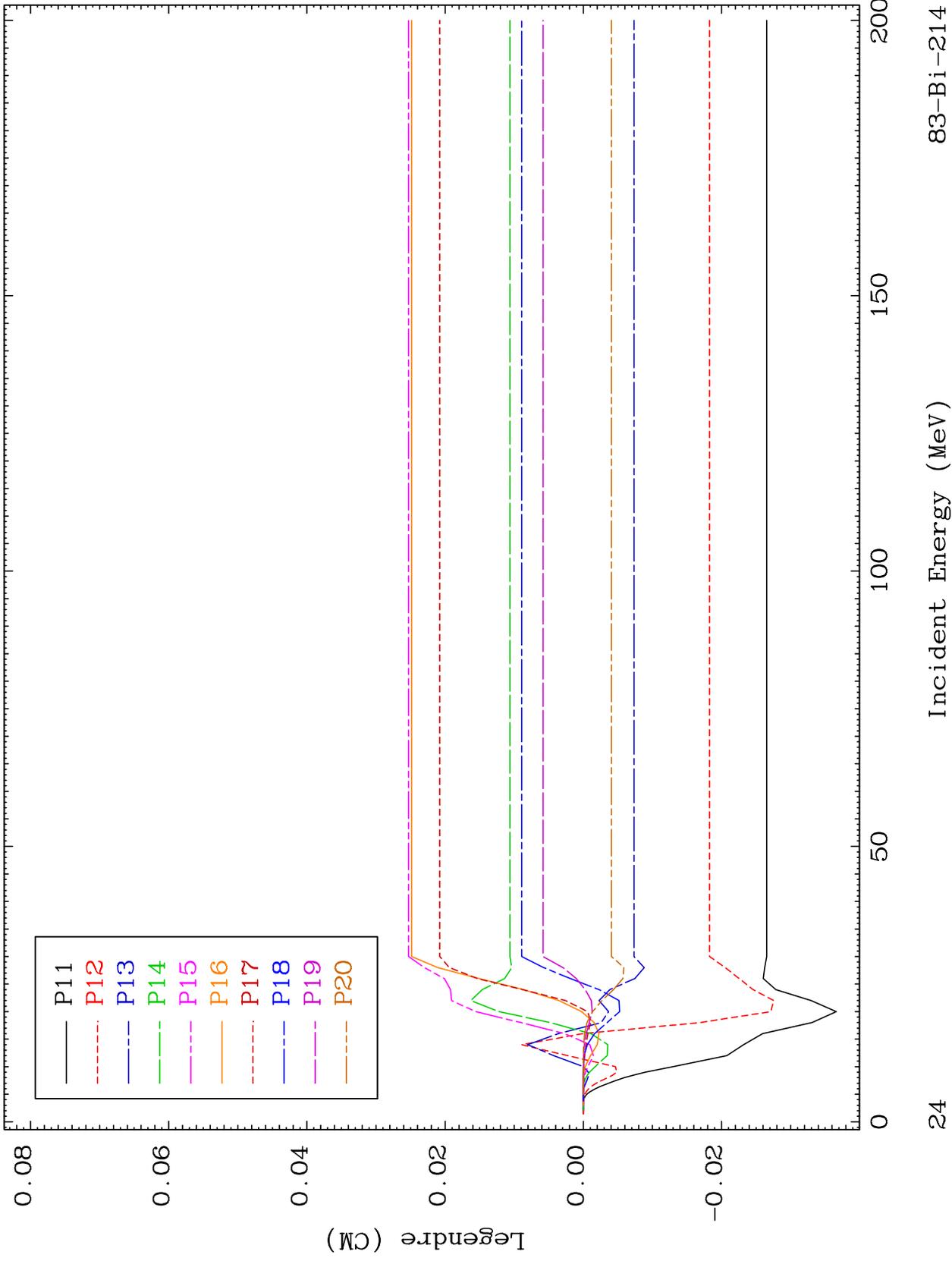




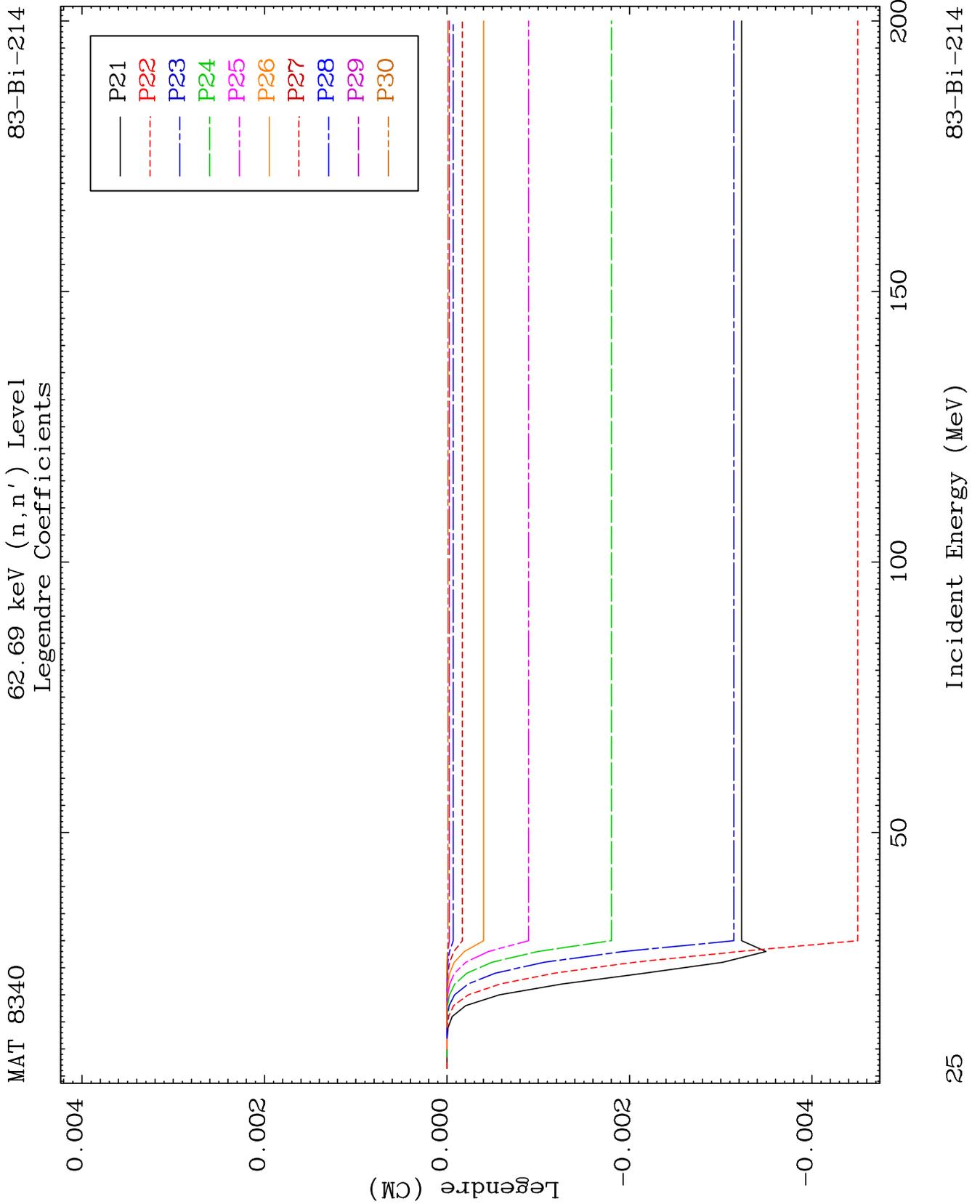
MAT 8340

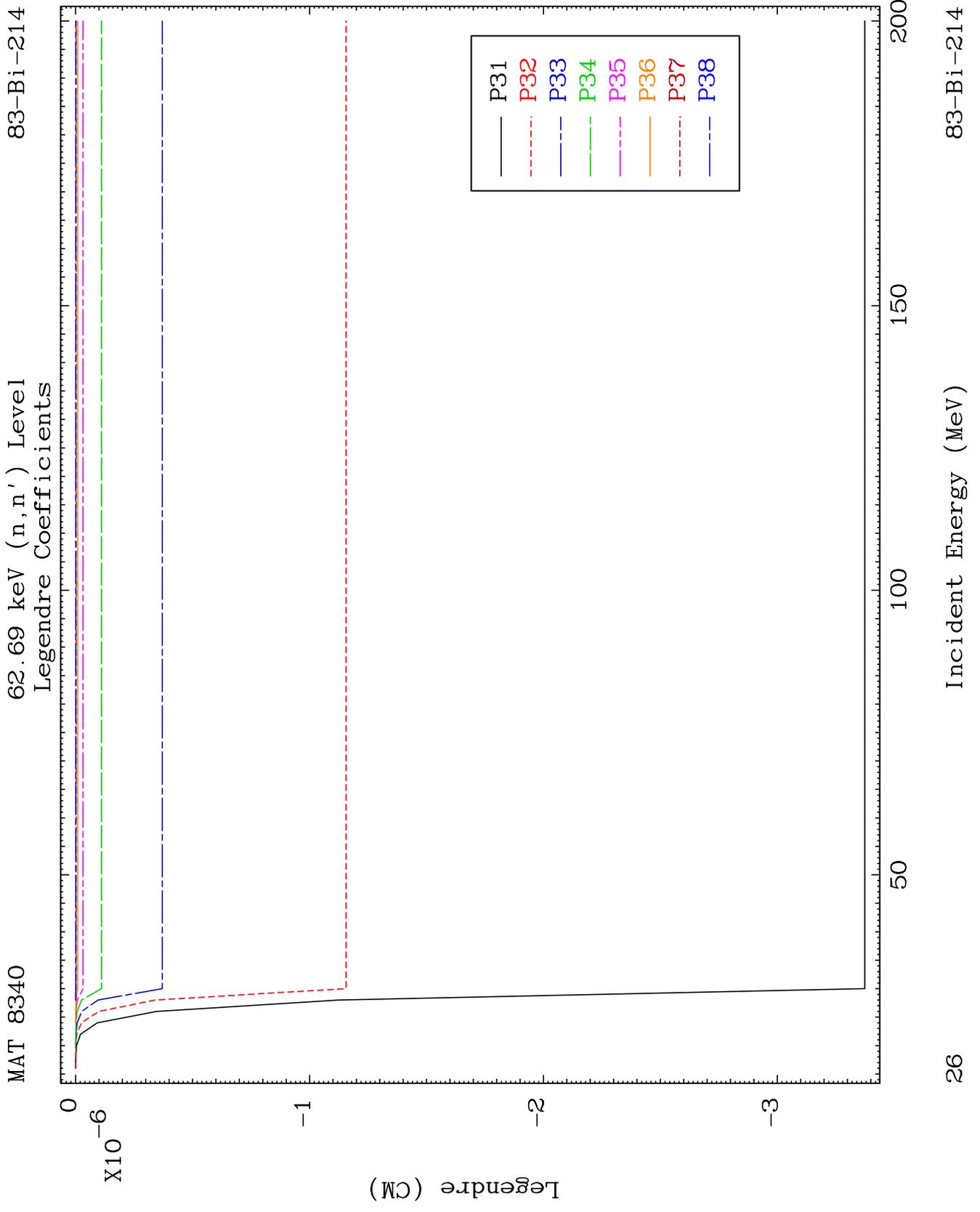
62.69 keV (n,n') Level
Legendre Coefficients

83-Bi-214



24

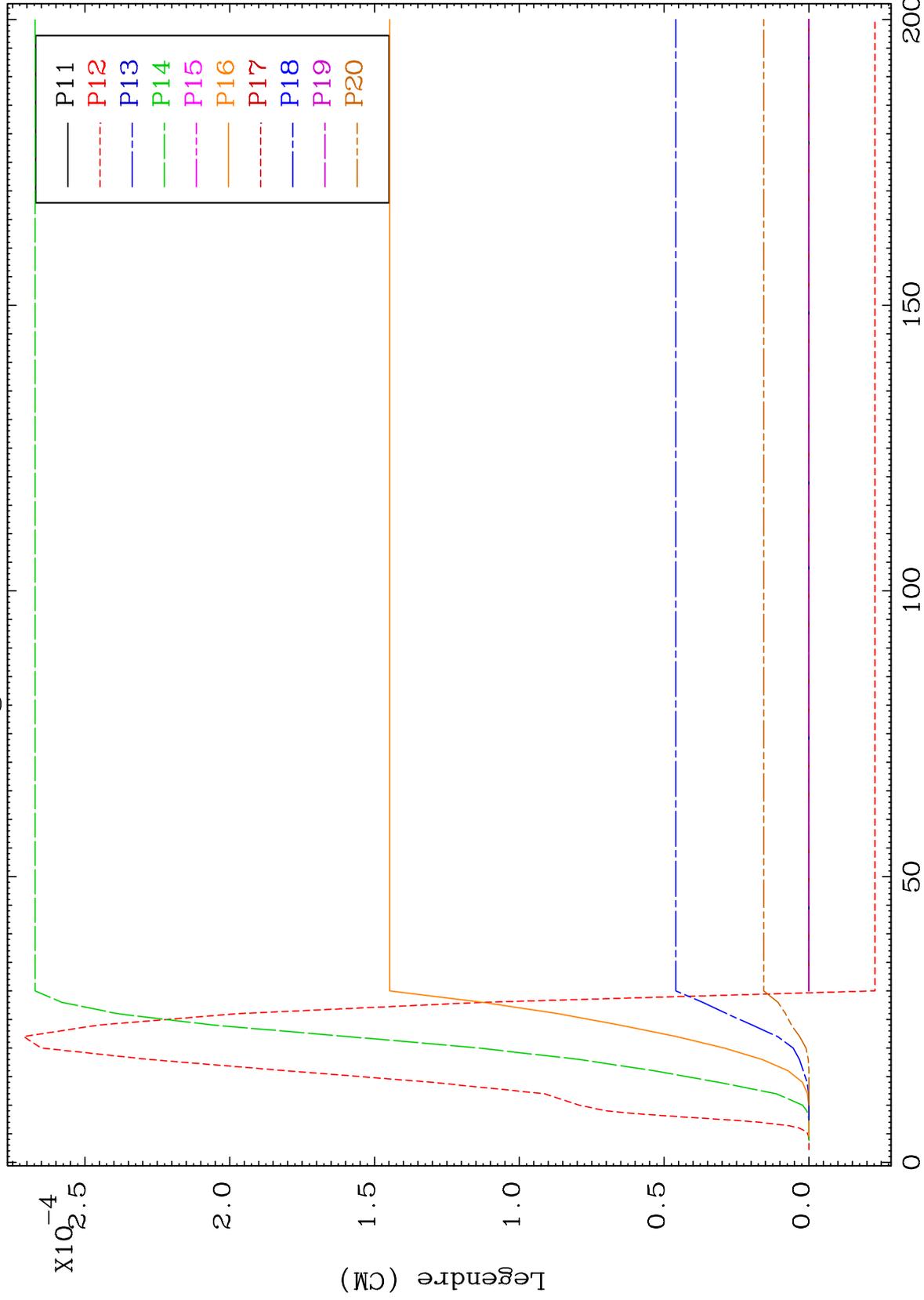




MAT 8340

103.0 keV (n,n') Level
Legendre Coefficients

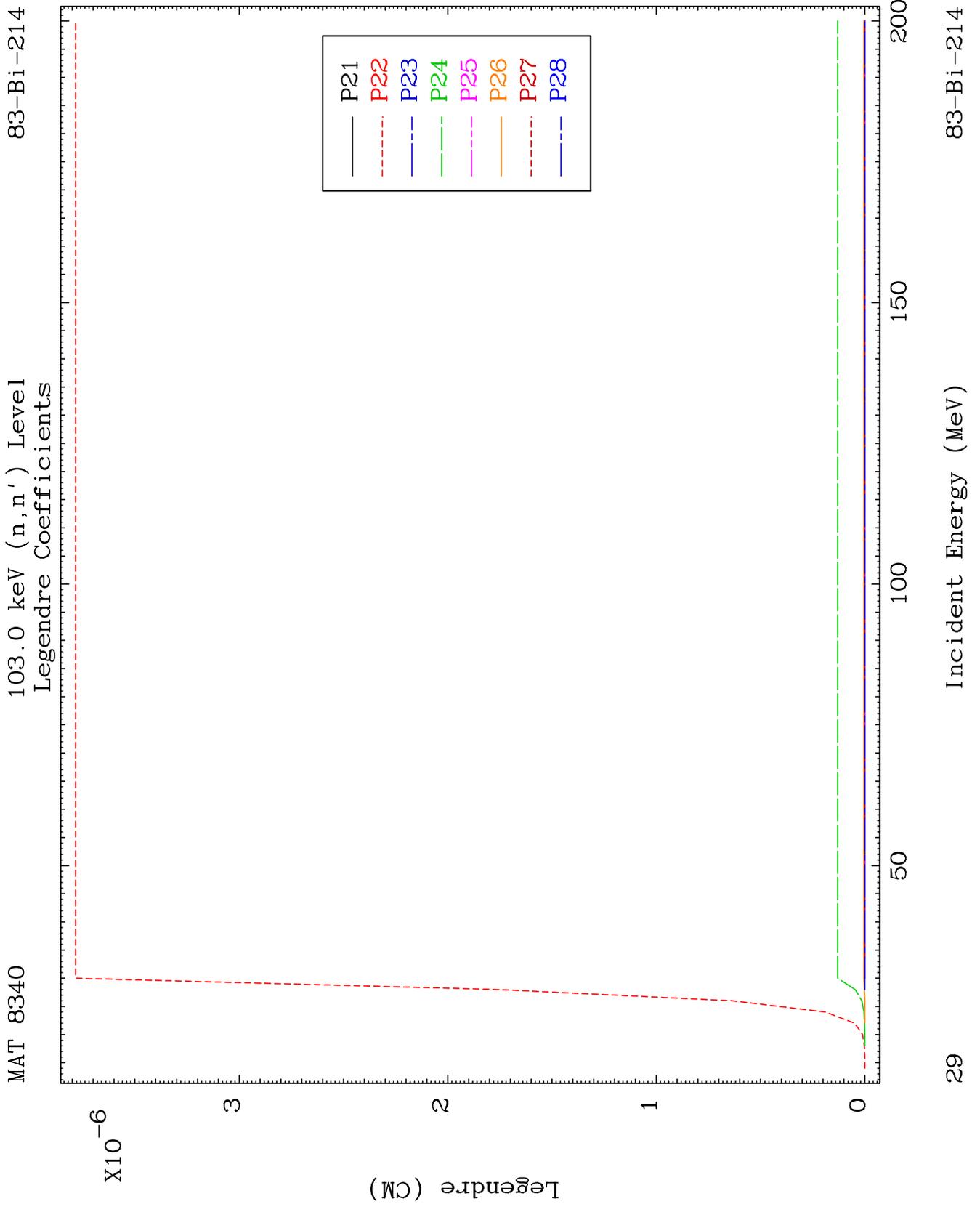
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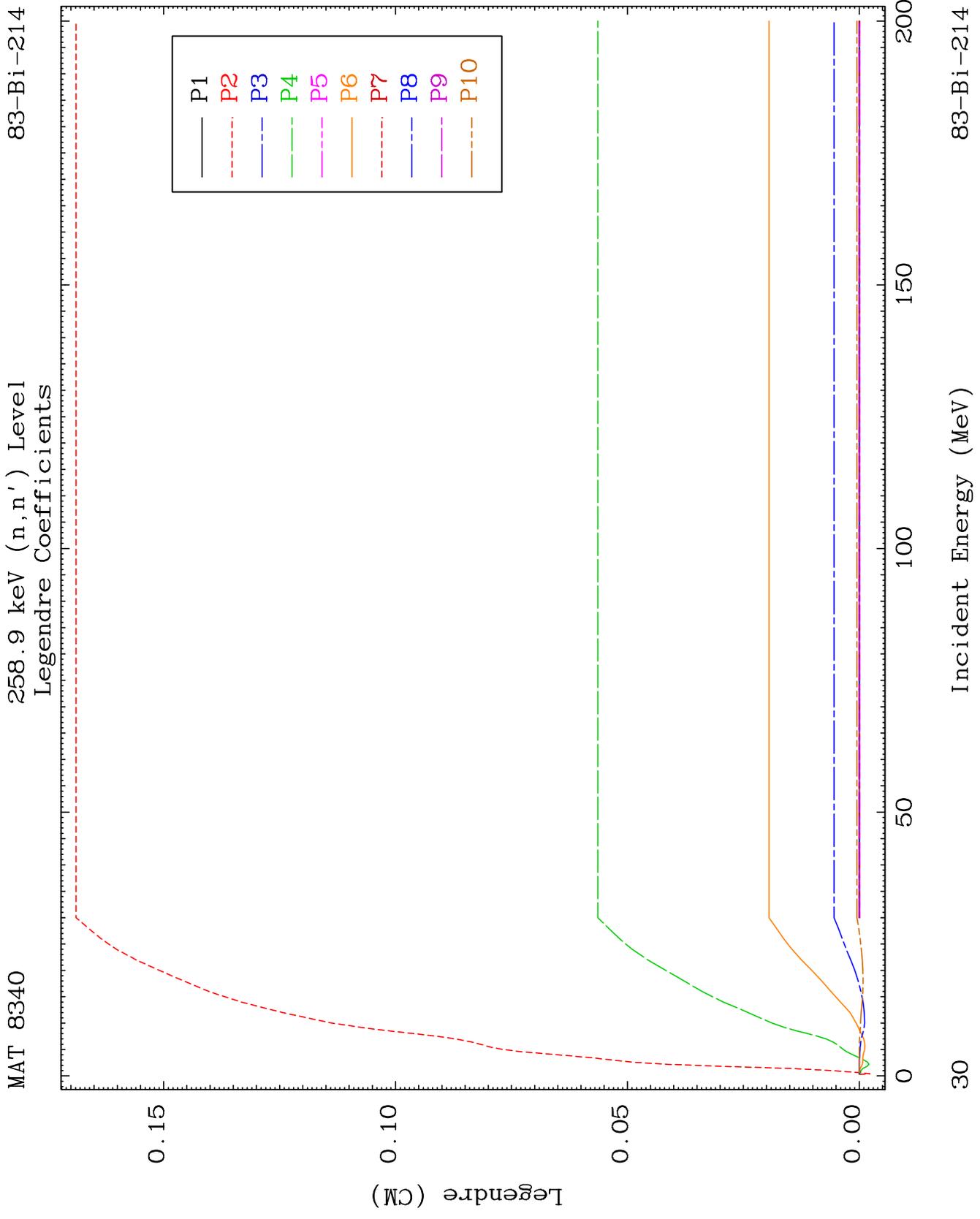


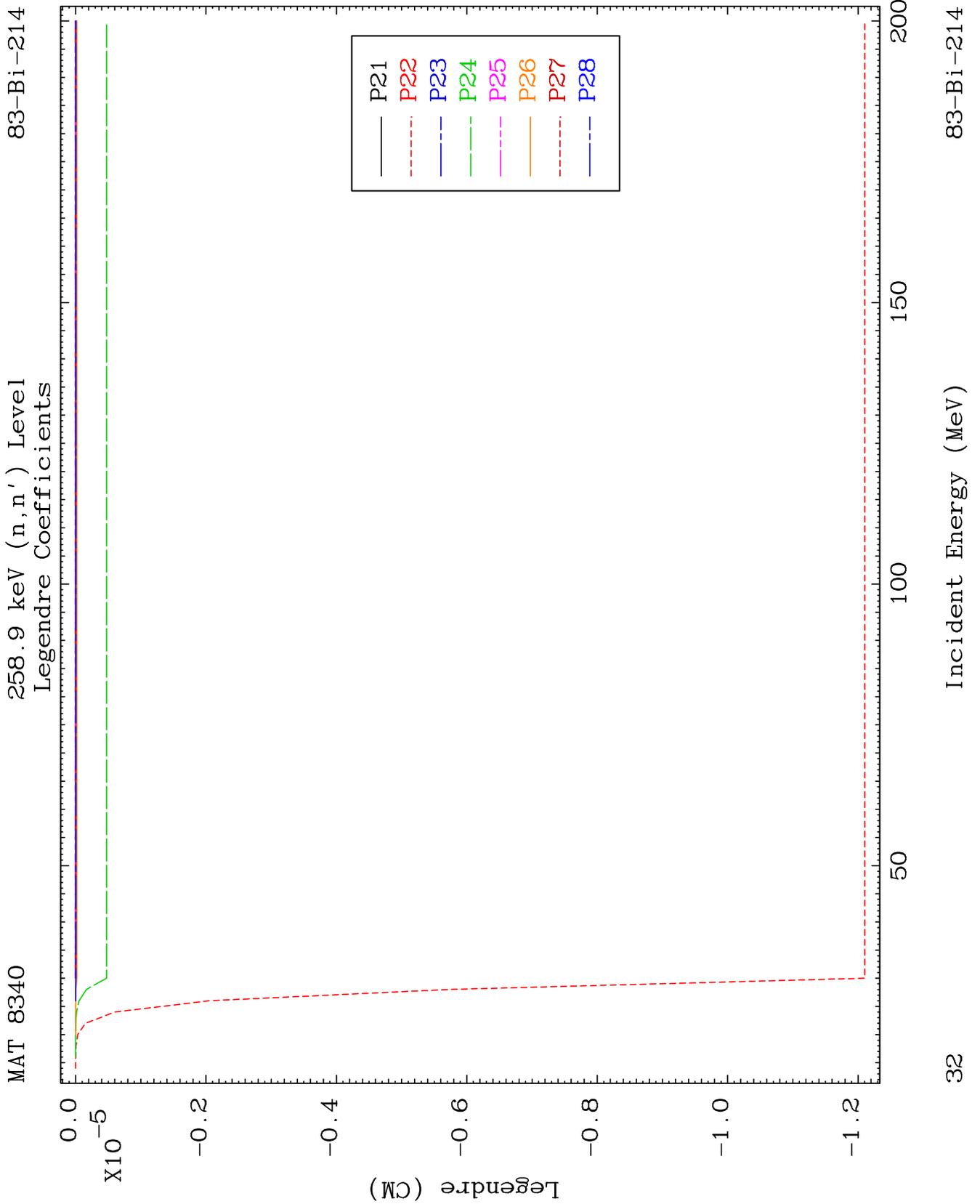
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Incident Energy (MeV)

83-Bi-214



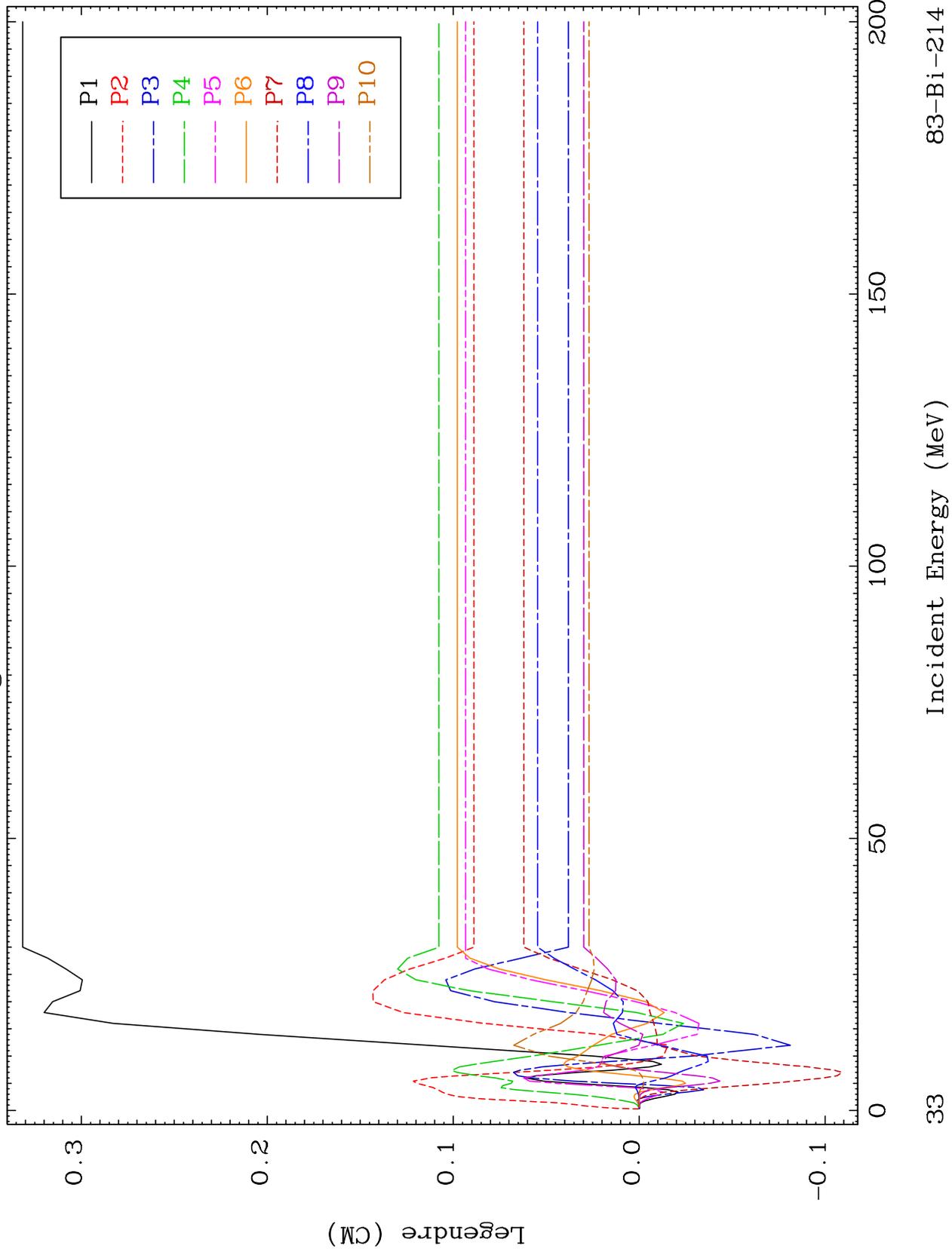




MAT 8340

295.2 keV (n,n') Level
Legendre Coefficients

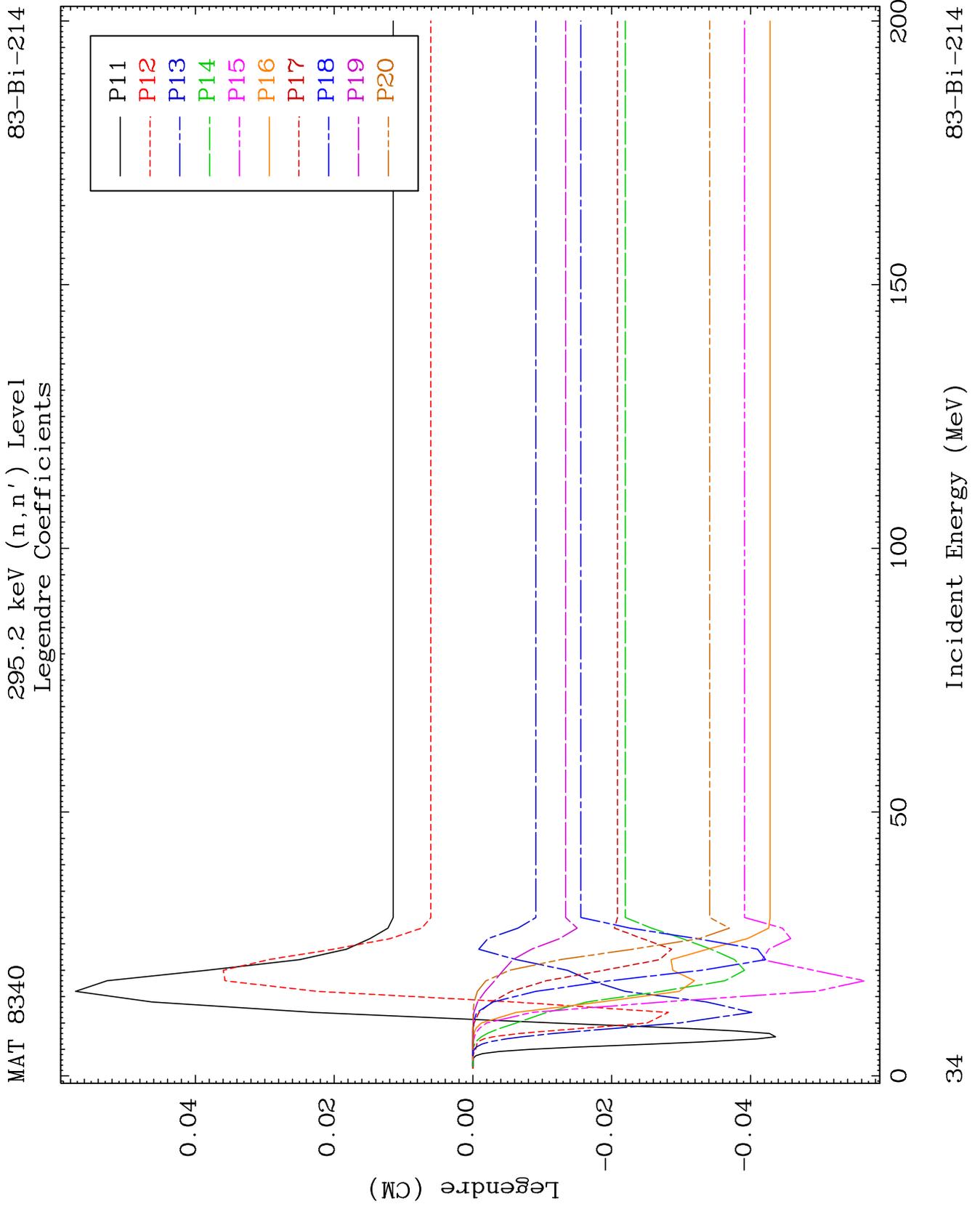
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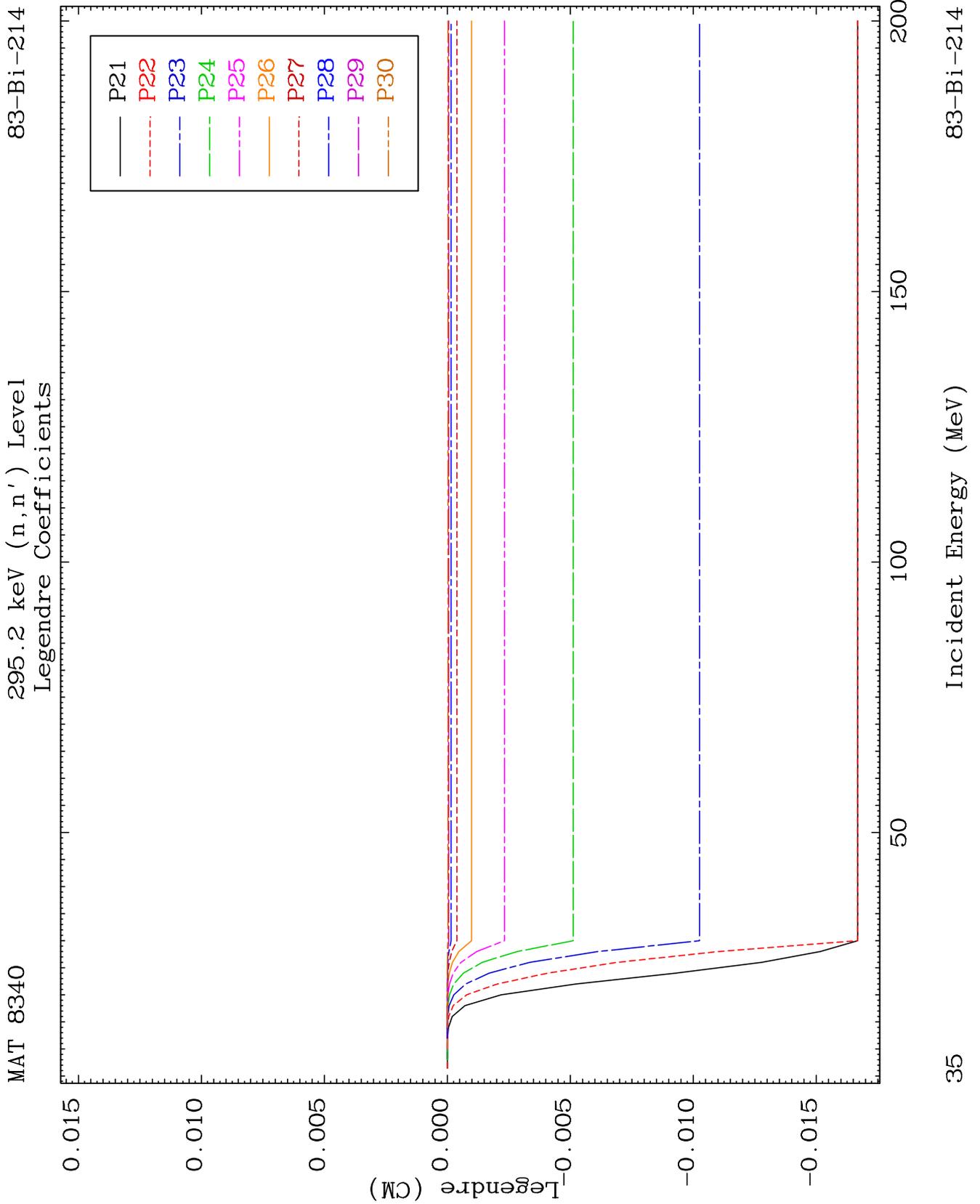


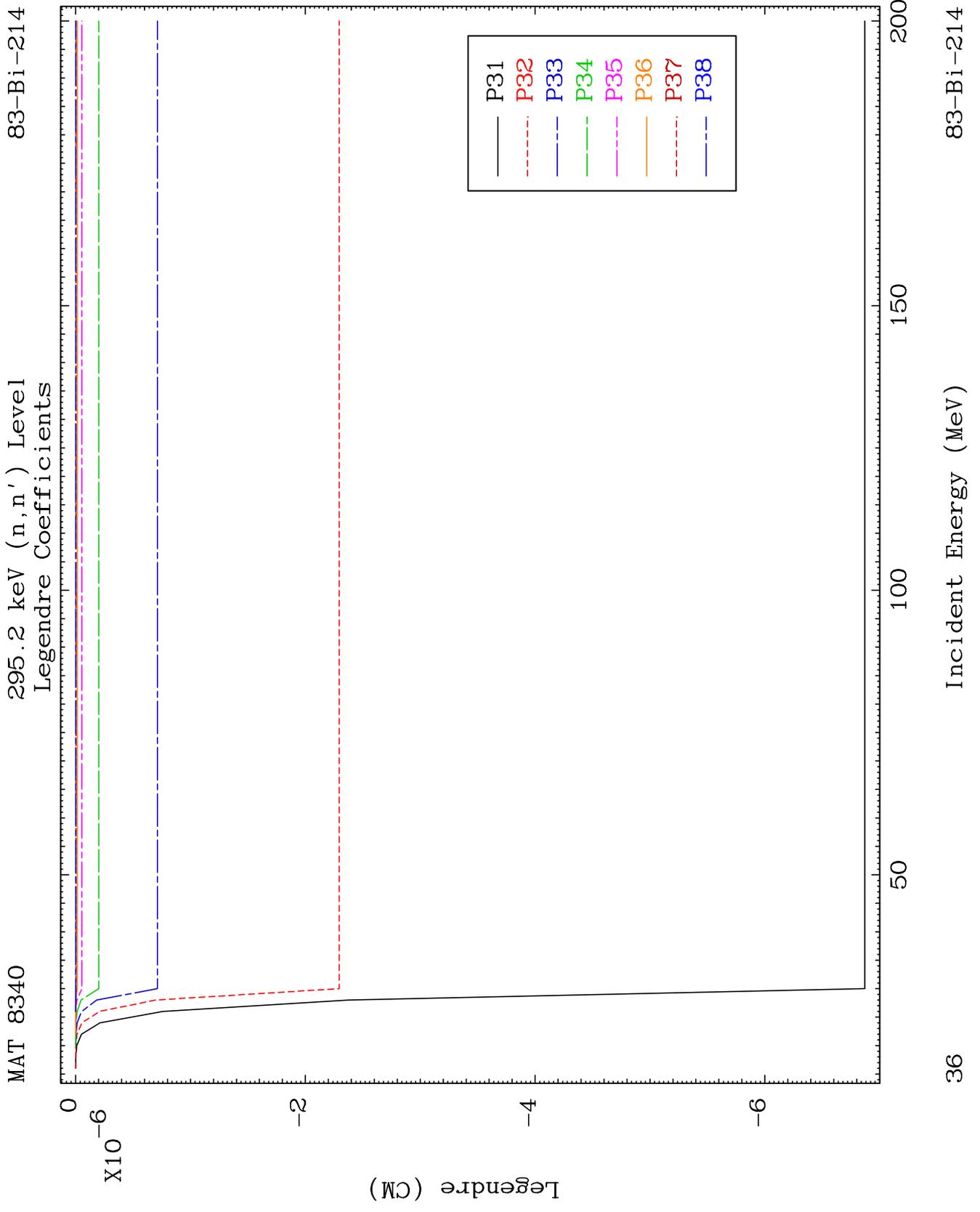
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Incident Energy (MeV)

83-Bi-214



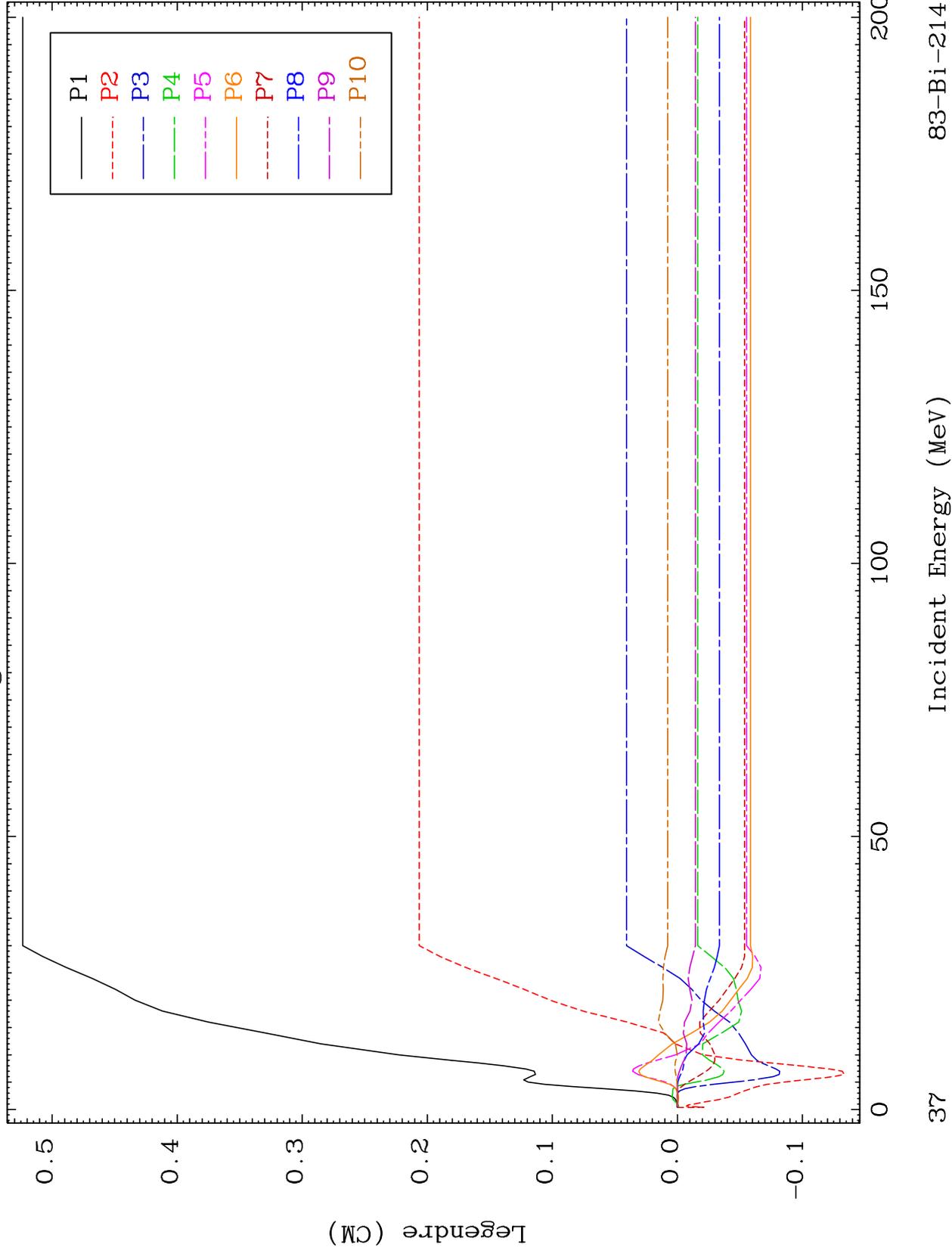




MAT 8340

351.9 keV (n,n') Level
Legendre Coefficients

83-Bi-214



37

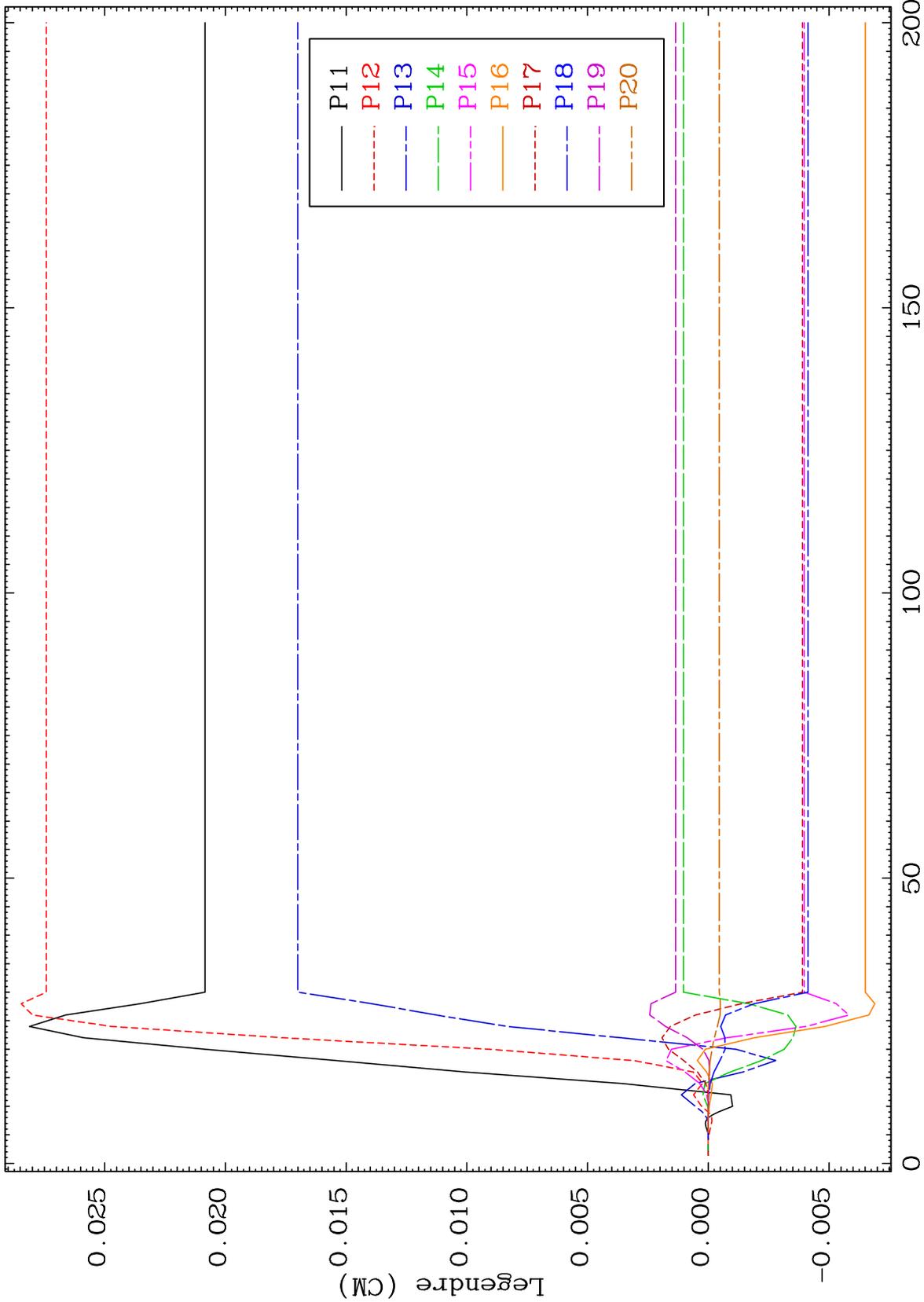
Incident Energy (MeV)

83-Bi-214

MAT 8340

351.9 keV (n,n') Level
Legendre Coefficients

83-Bi-214



38

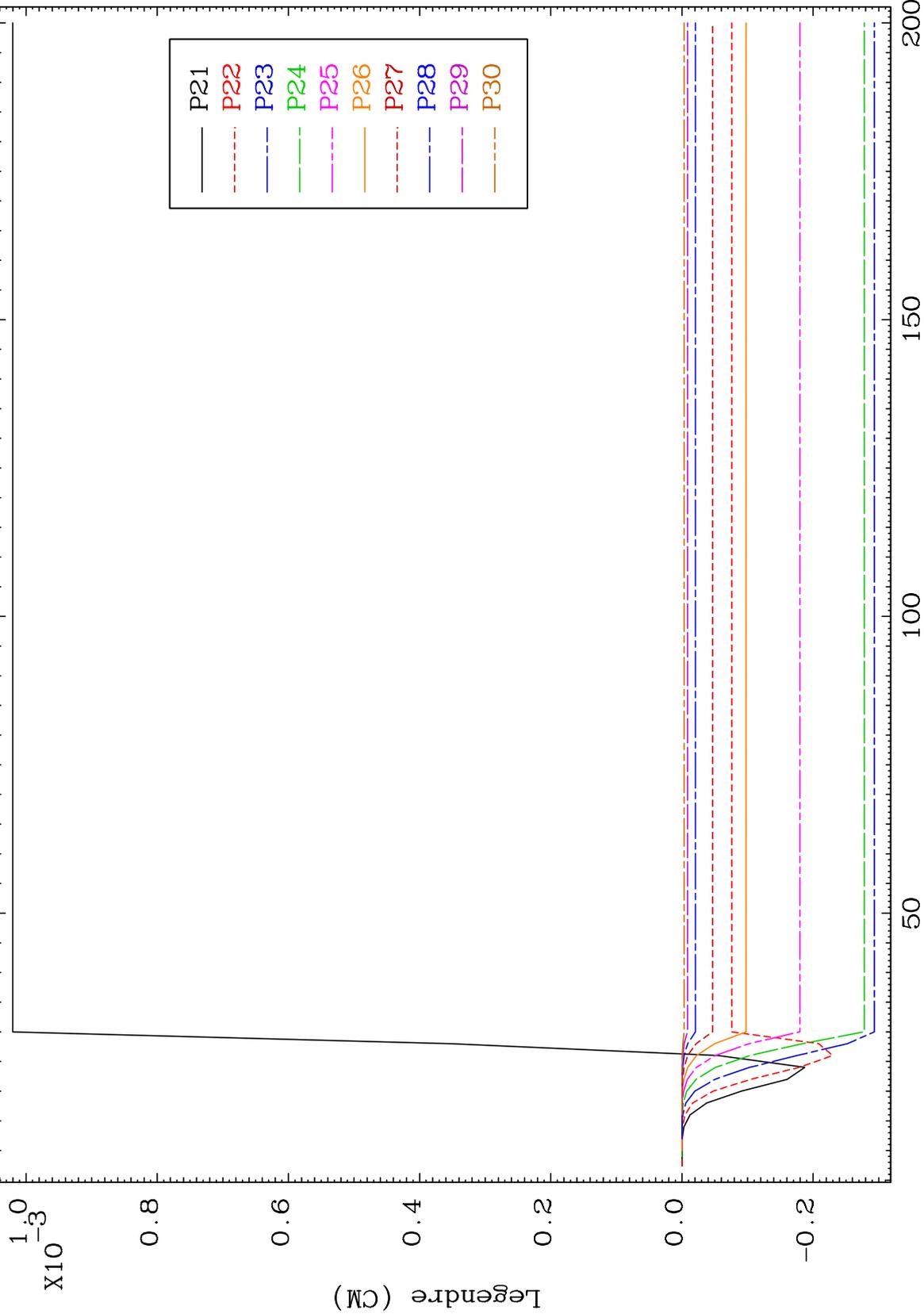
Incident Energy (MeV)

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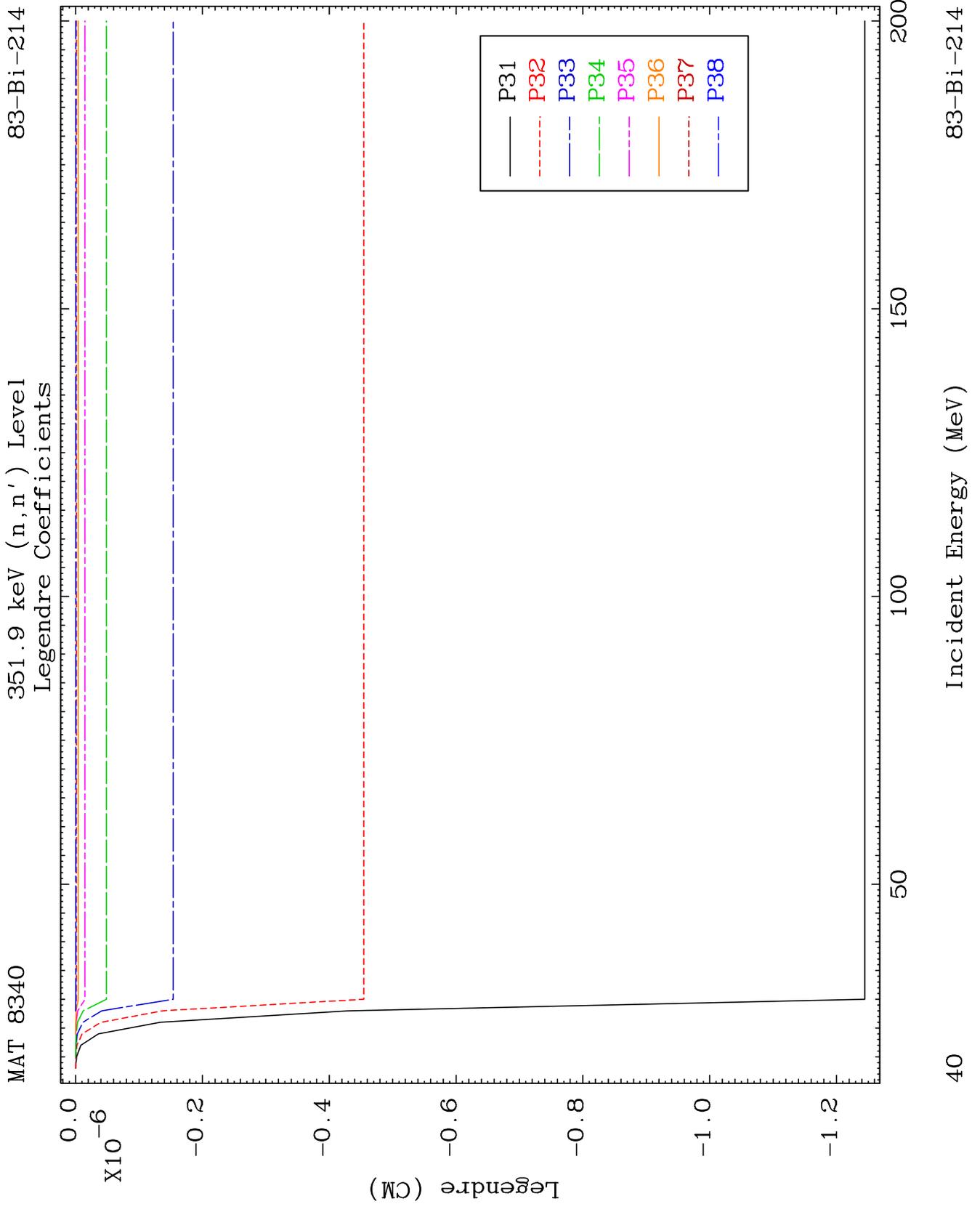
351.9 keV (n,n') Level
Legendre Coefficients

83-Bi-214



39

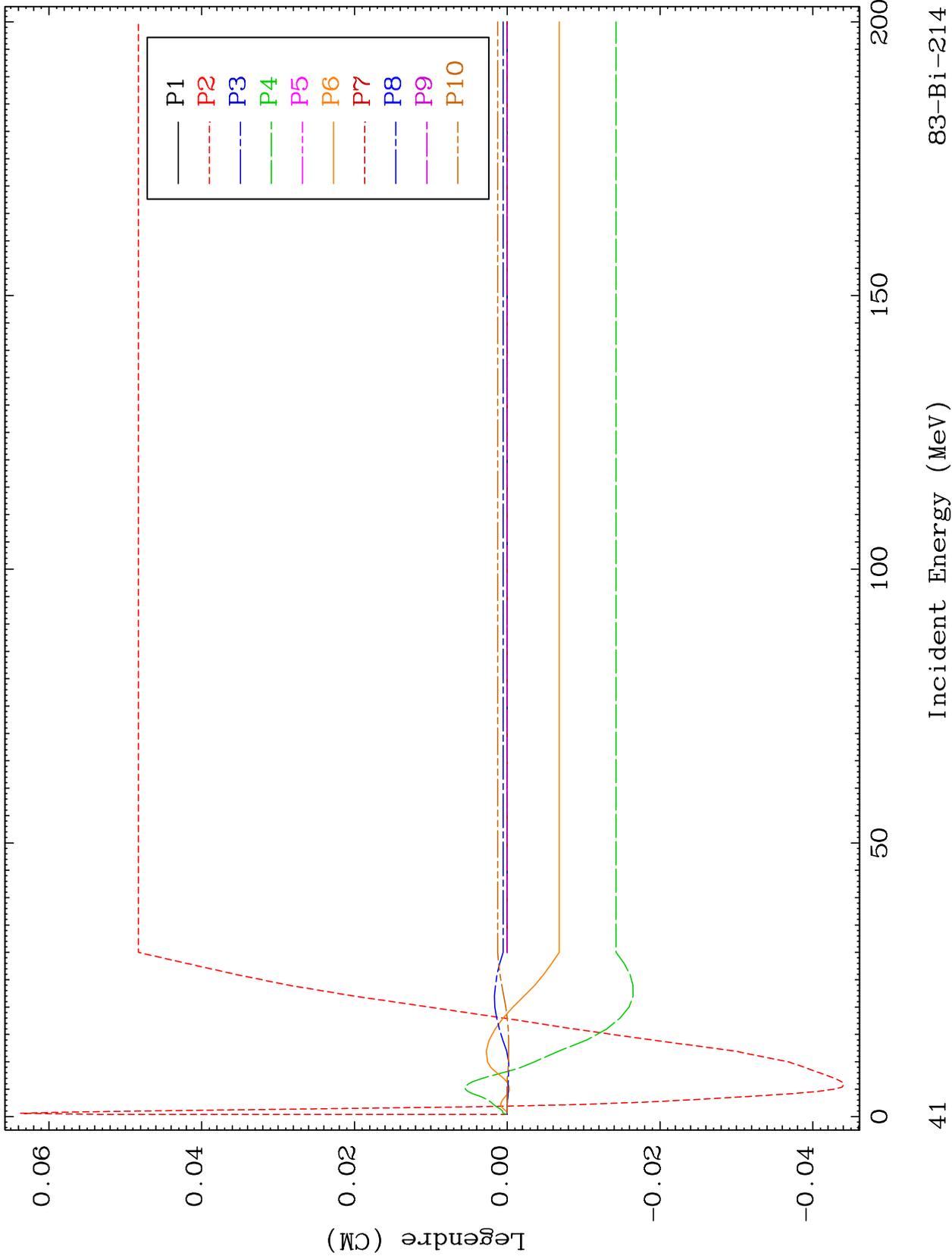
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MAT 8340

377.0 keV (n,n') Level
Legendre Coefficients

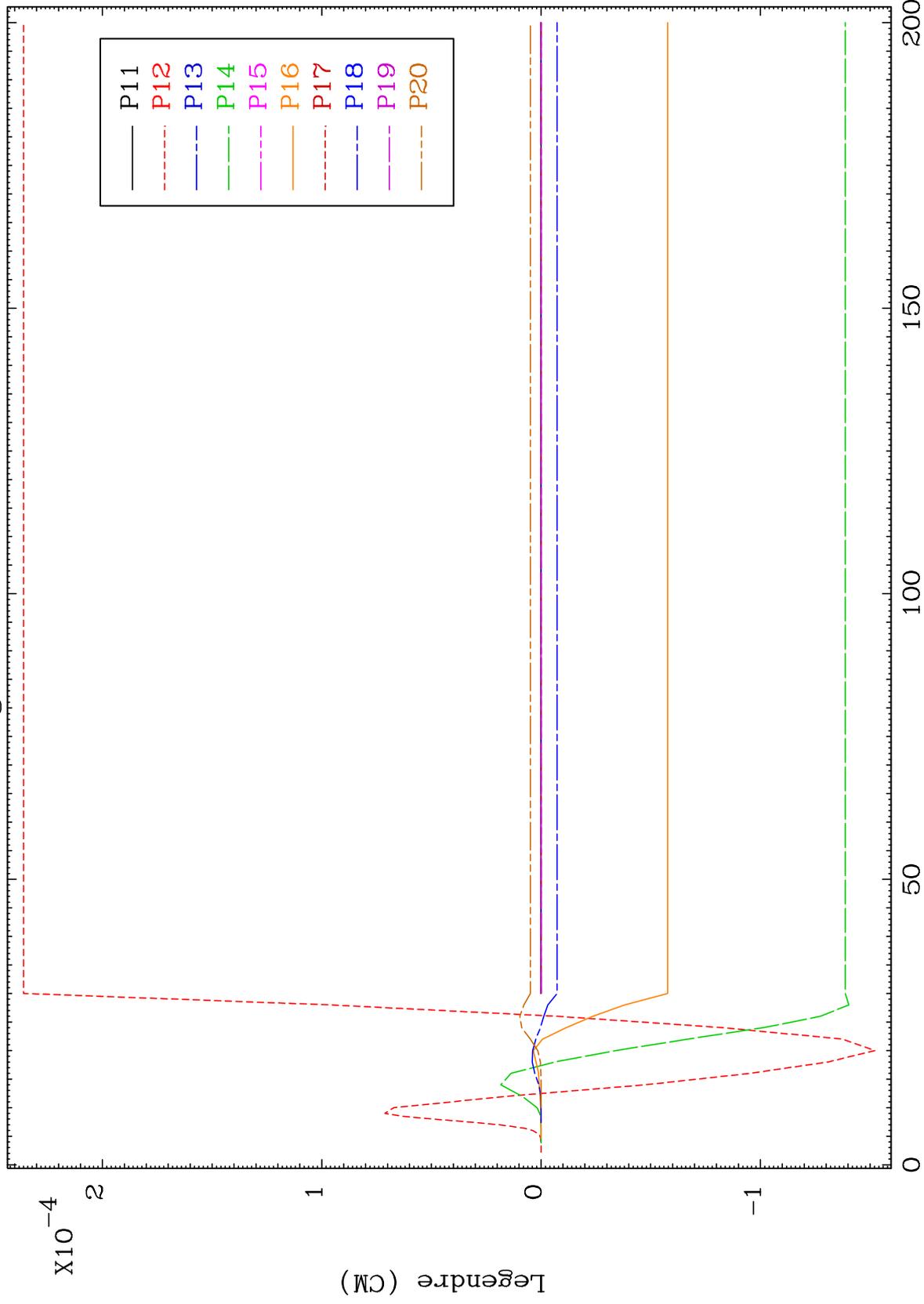
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MAT 8340

377.0 keV (n,n') Level
Legendre Coefficients

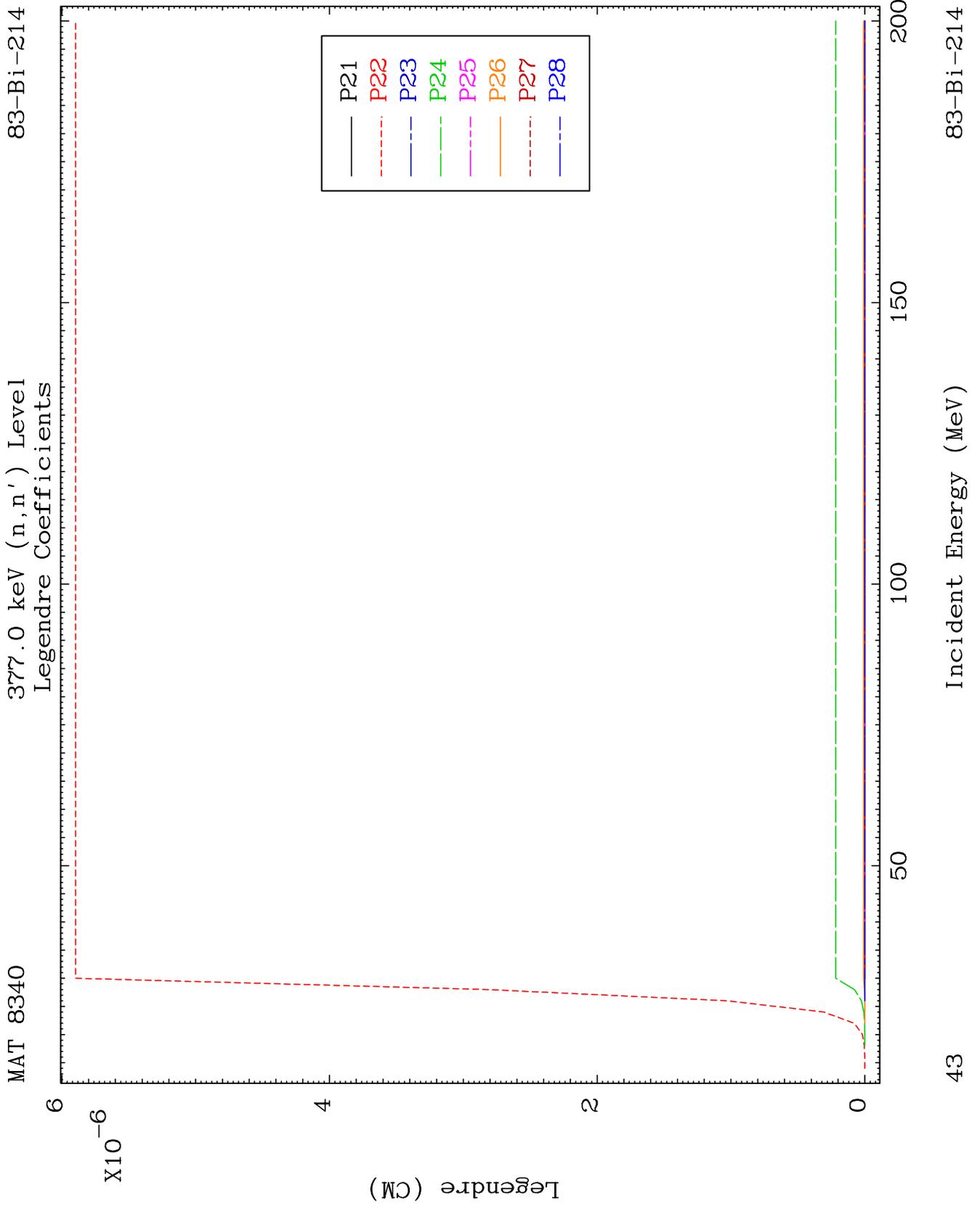
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Incident Energy (MeV)

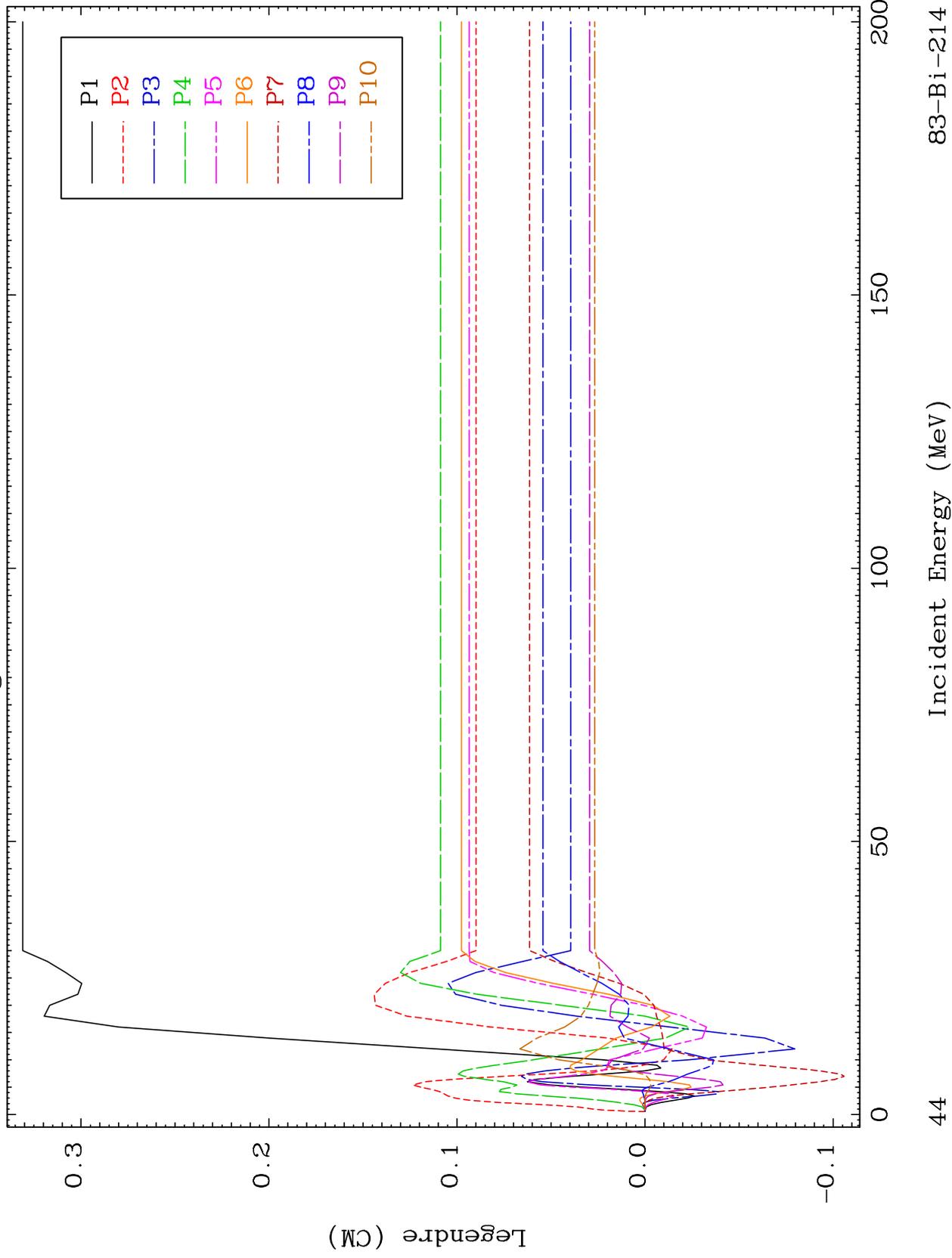
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MAT 8340

533.7 keV (n,n') Level
Legendre Coefficients

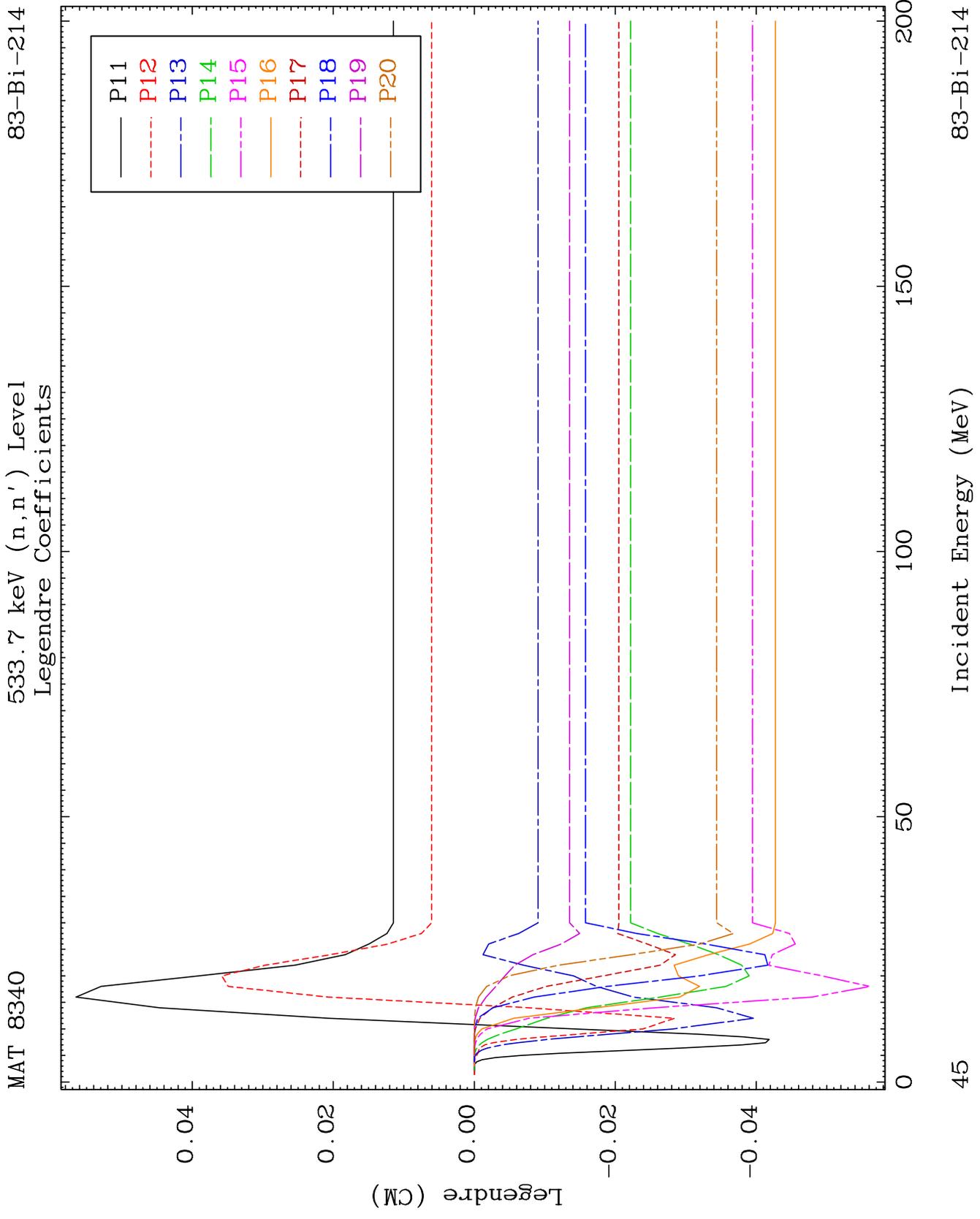
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Incident Energy (MeV)

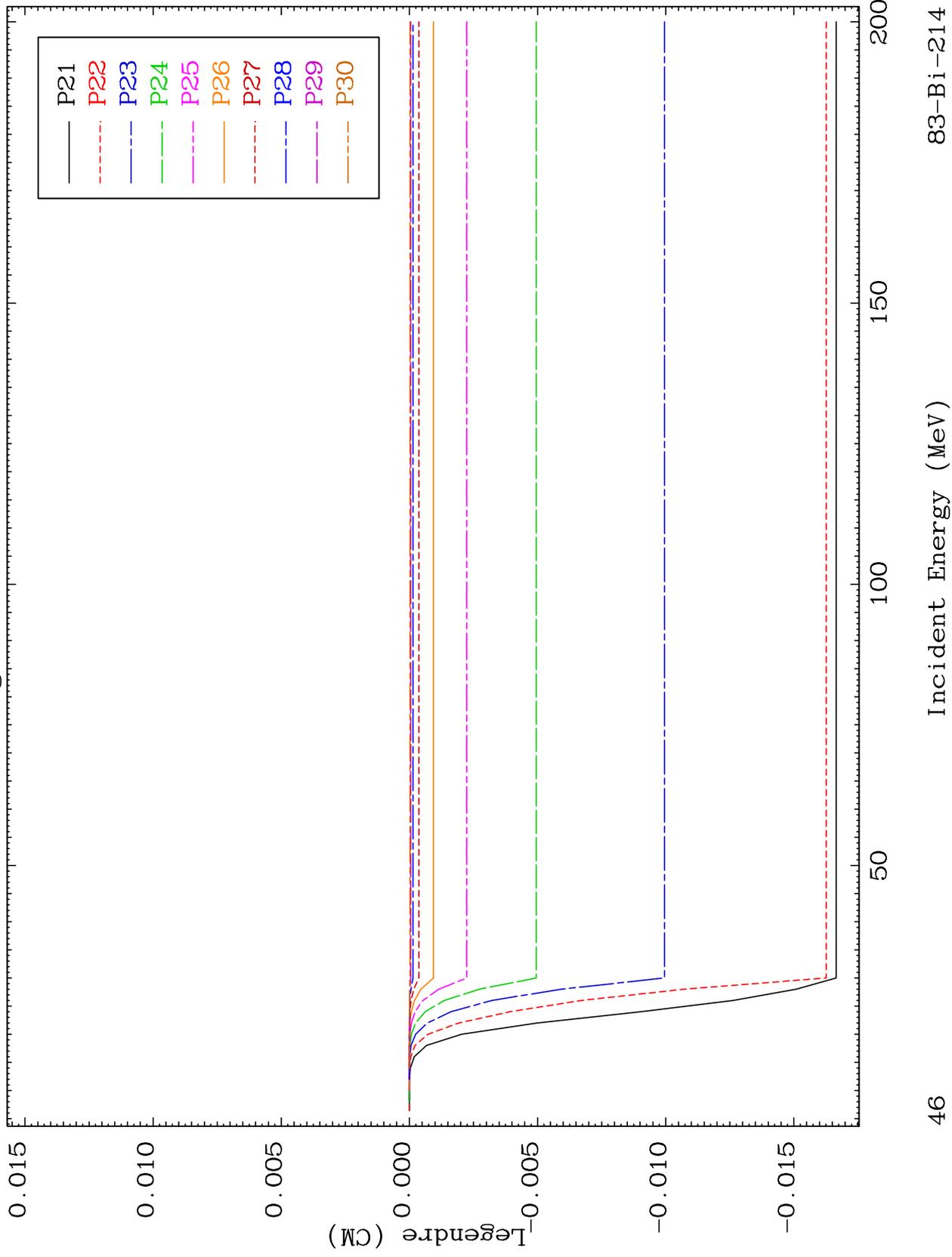
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MAT 8340

533.7 keV (n,n') Level
Legendre Coefficients

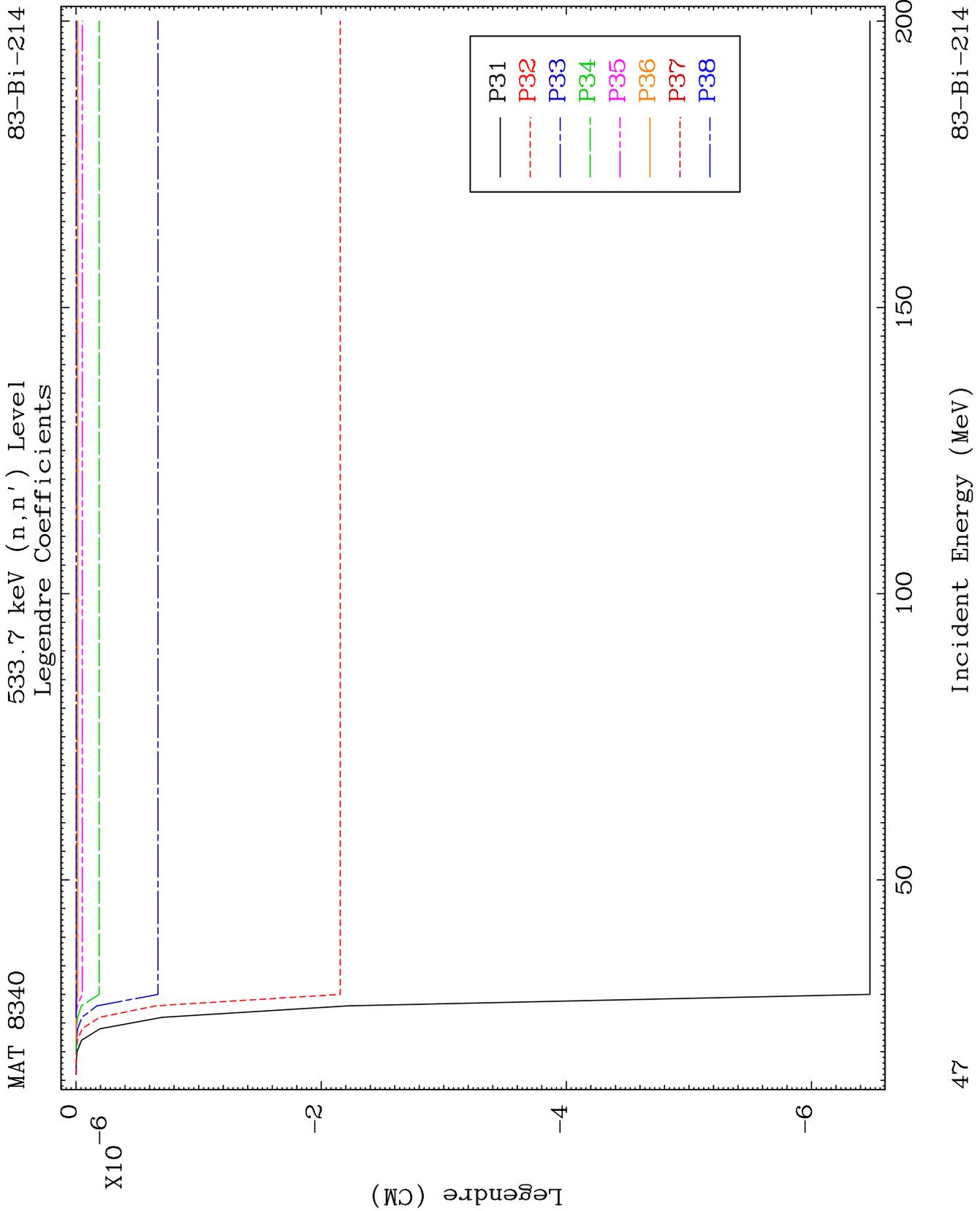
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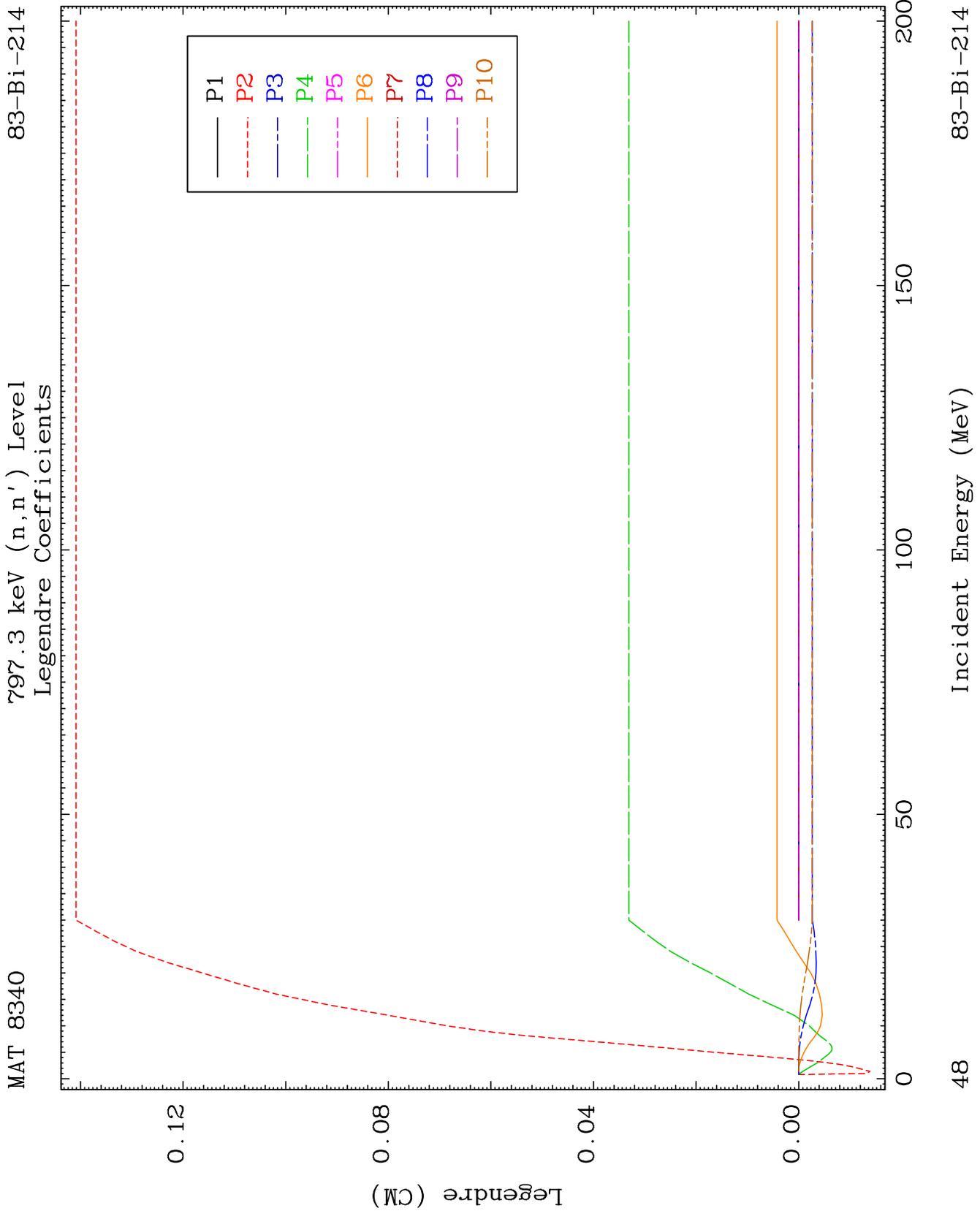


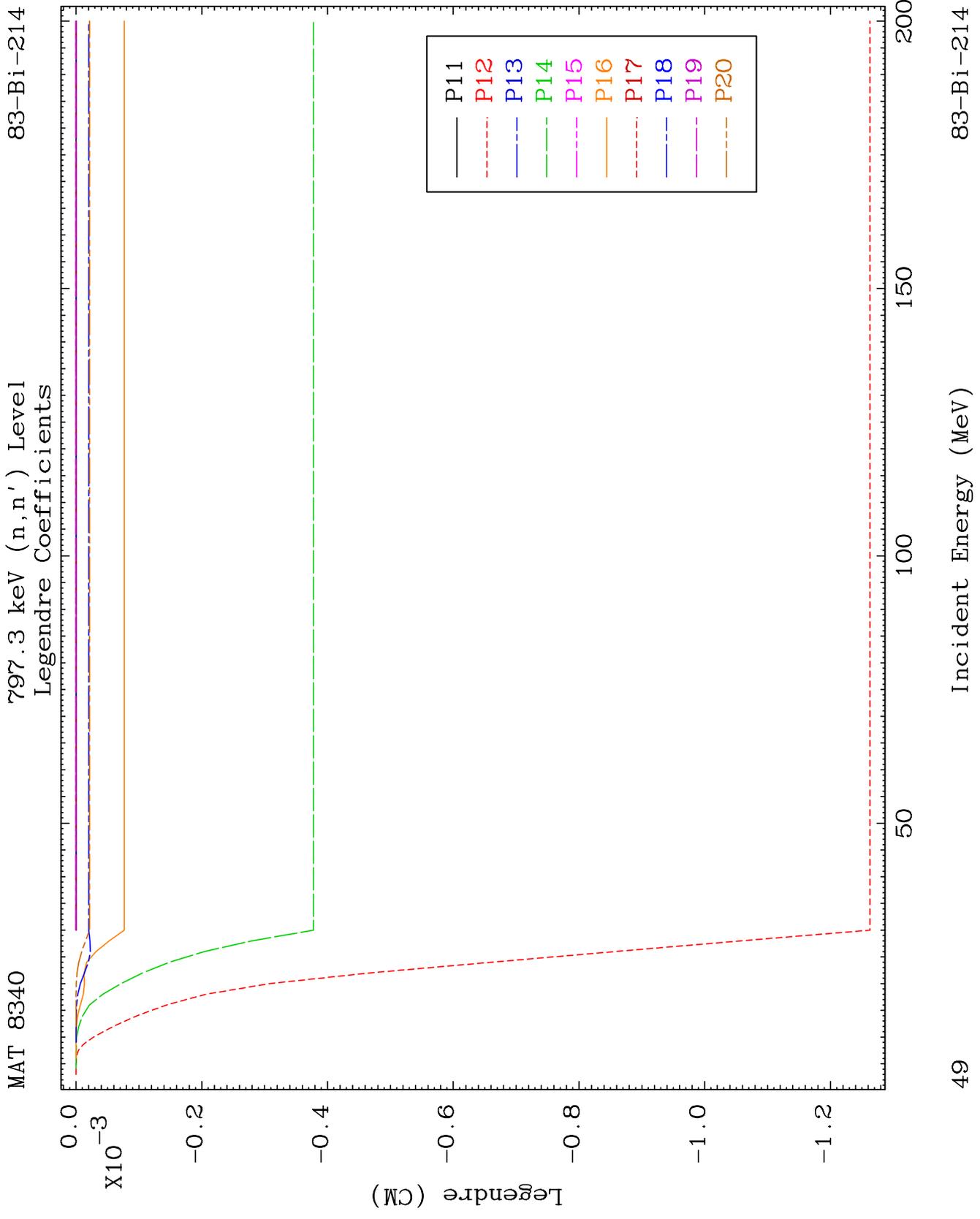
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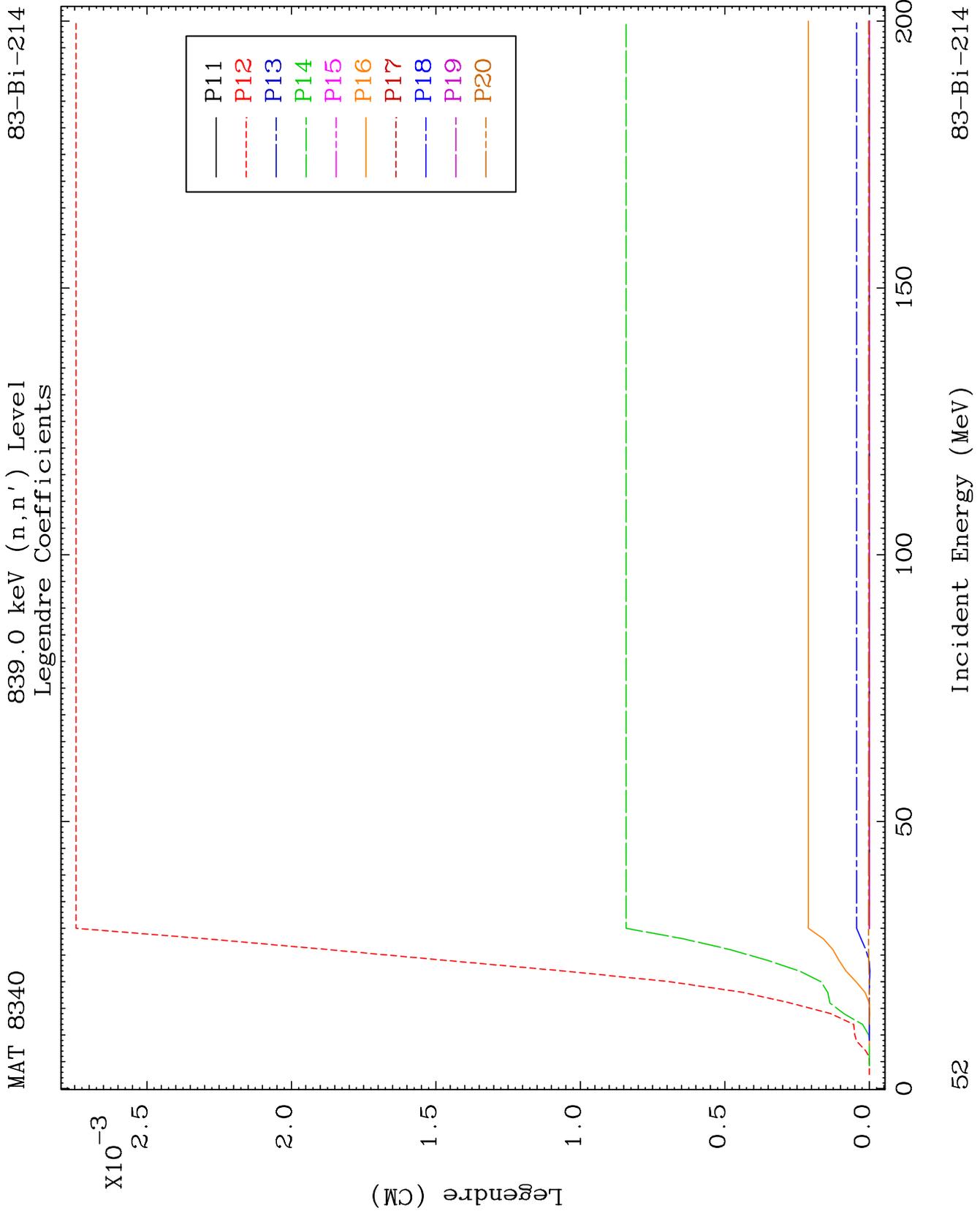
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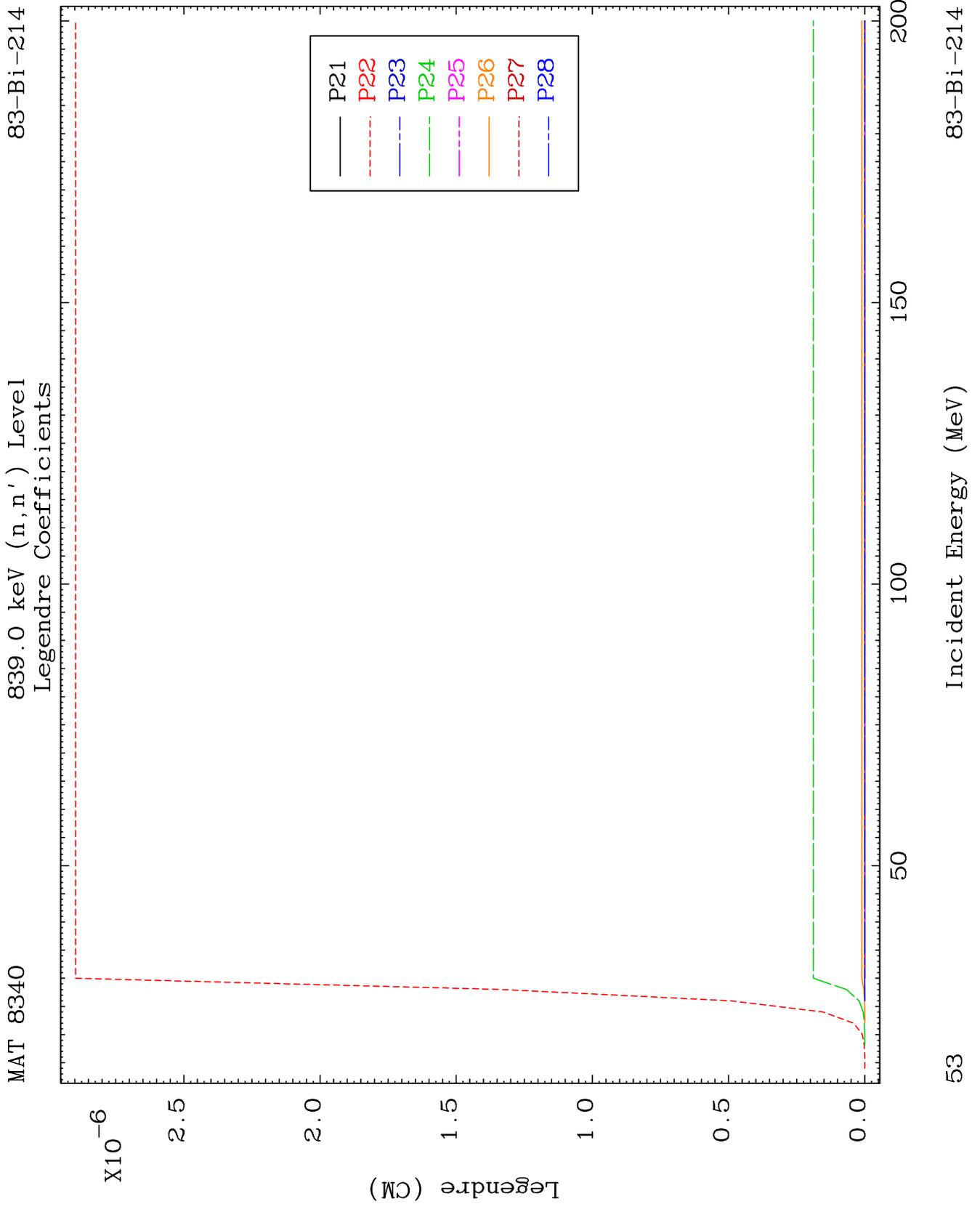
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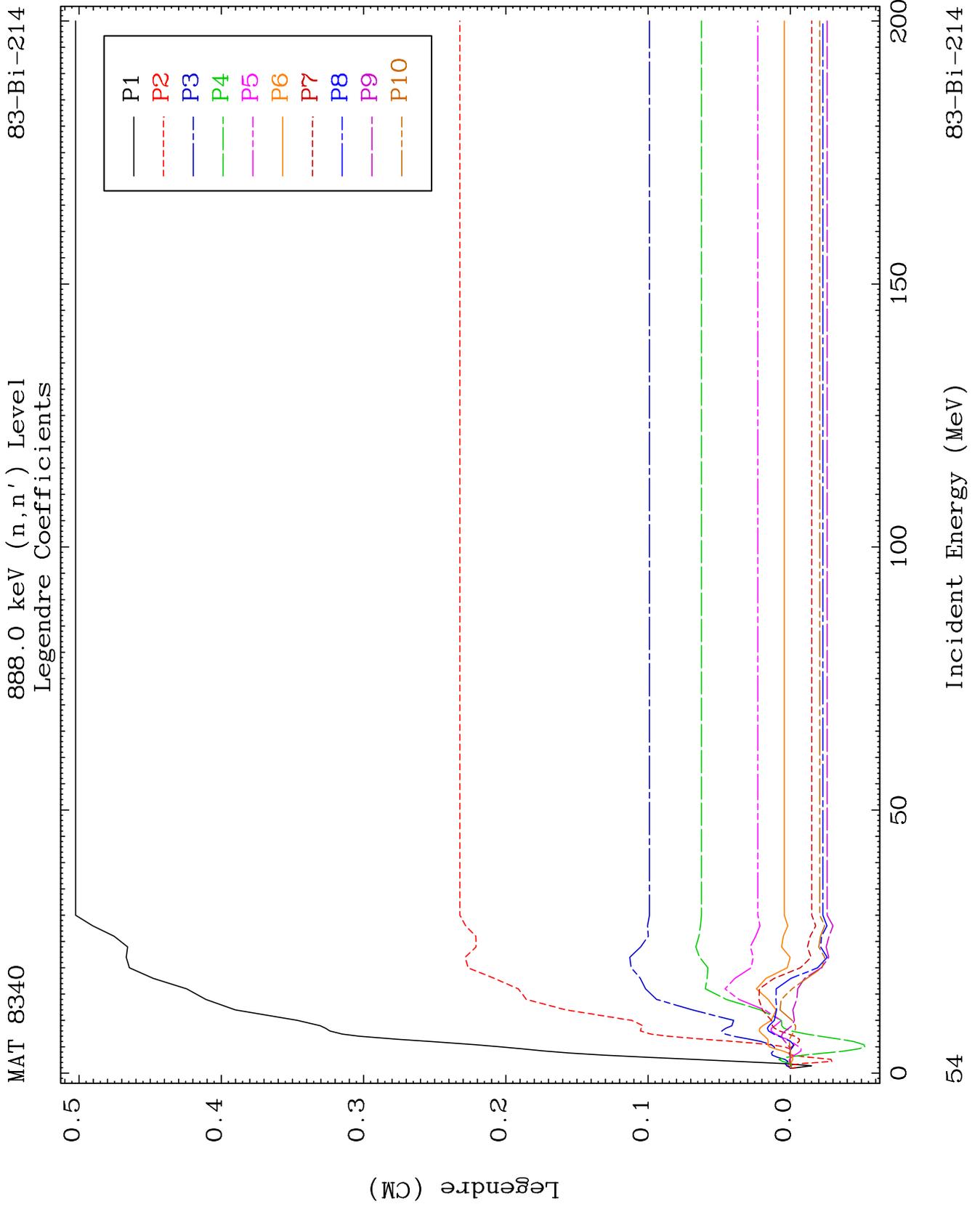








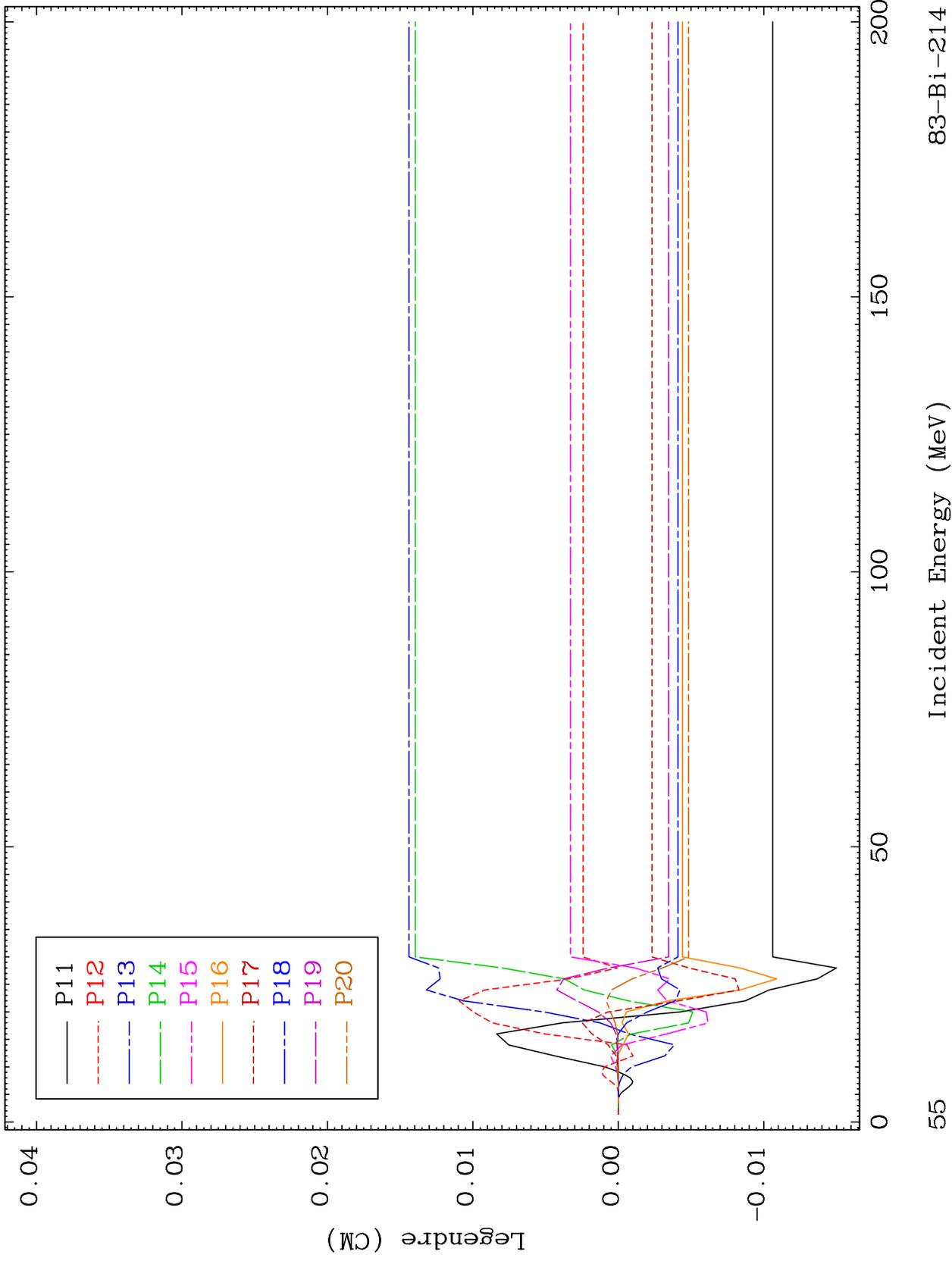




MAT 8340

888.0 keV (n,n') Level
Legendre Coefficients

83-Bi-214



83-Bi-214

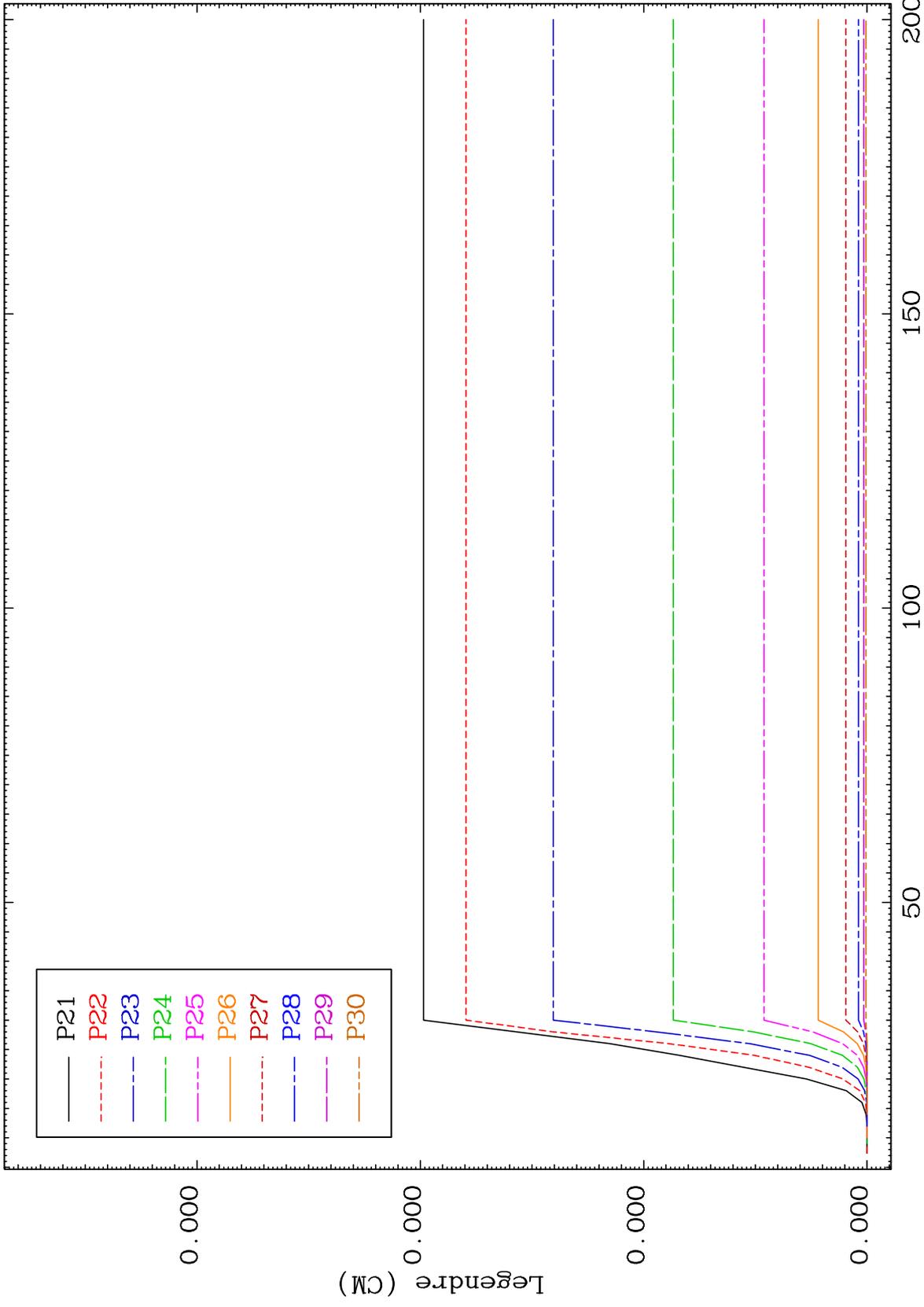
Incident Energy (MeV)

55

MAT 8340

888.0 keV (n,n') Level
Legendre Coefficients

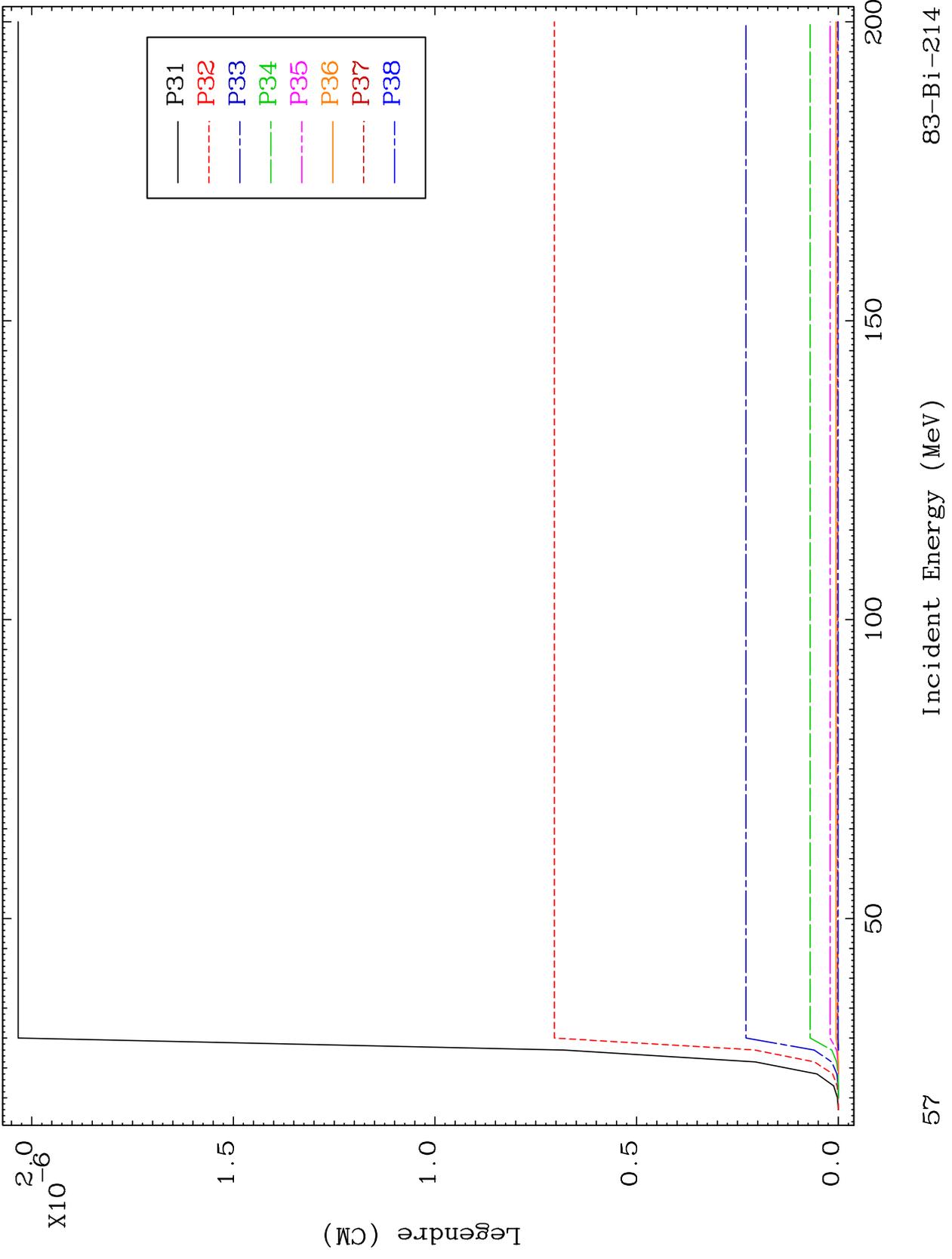
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56

Incident Energy (MeV)

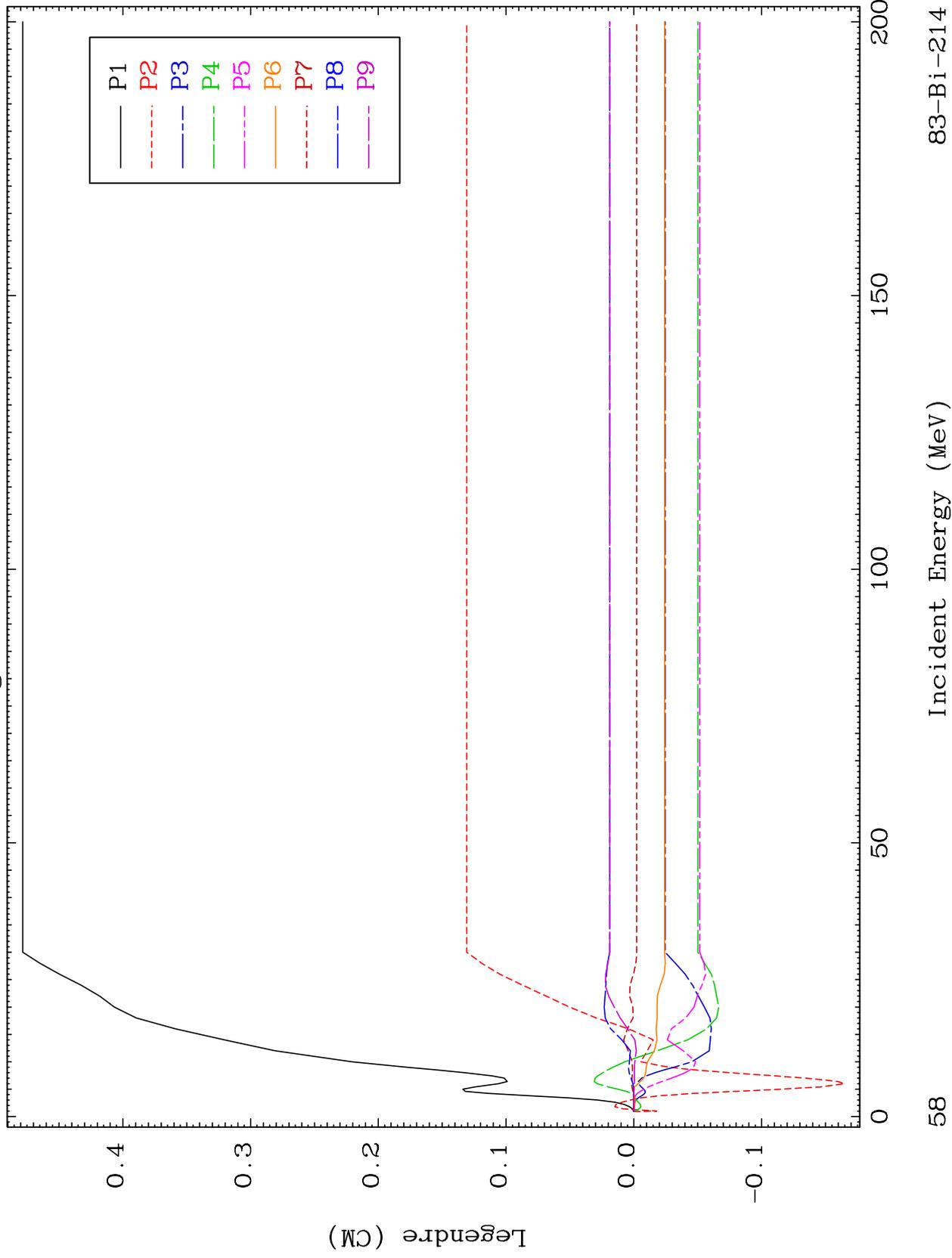
83-Bi-214



MAT 8340

894.8 keV (n,n') Level
Legendre Coefficients

83-Bi-214



58

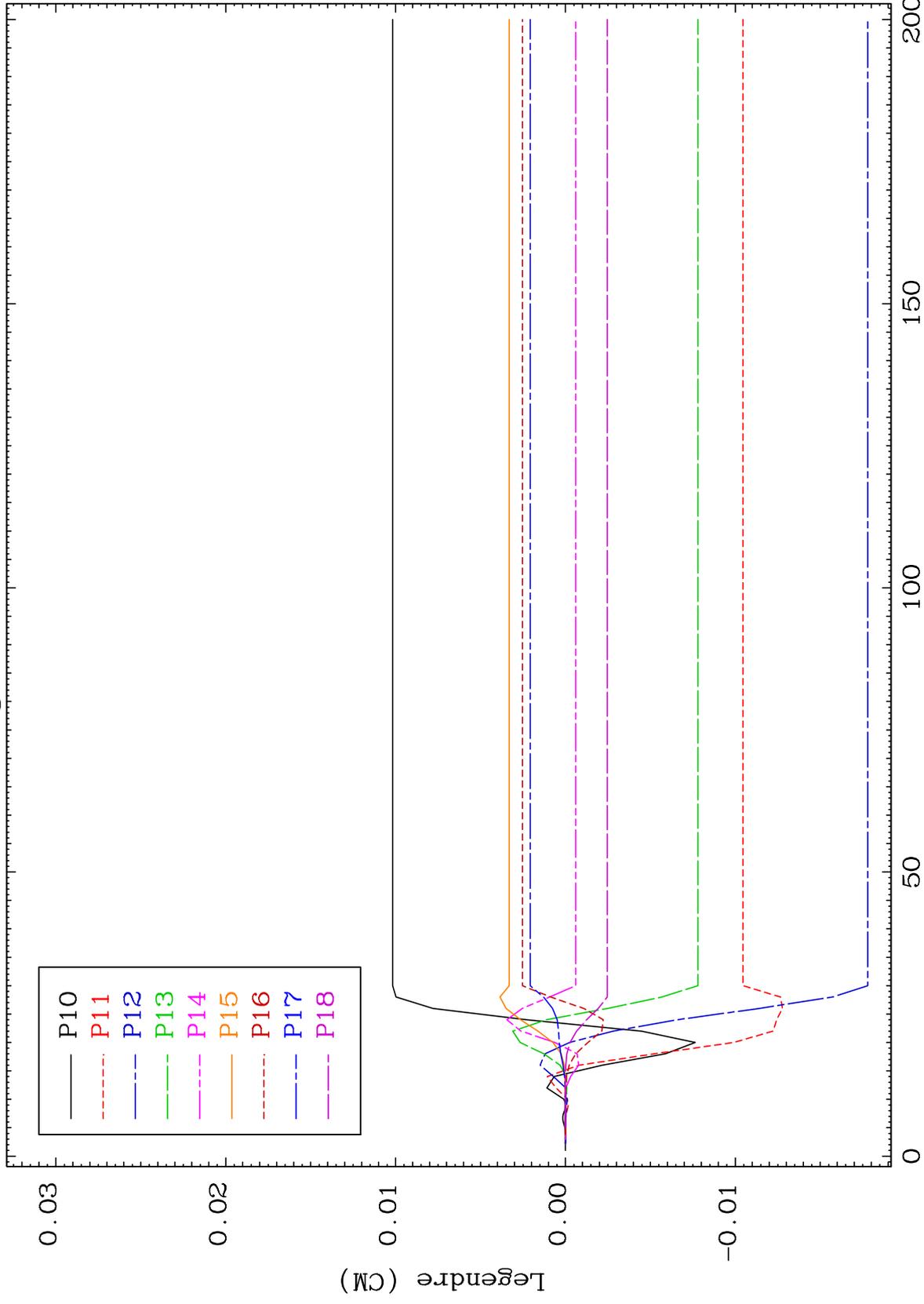
Incident Energy (MeV)

83-Bi-214

MAT 8340

894.8 keV (n,n') Level
Legendre Coefficients

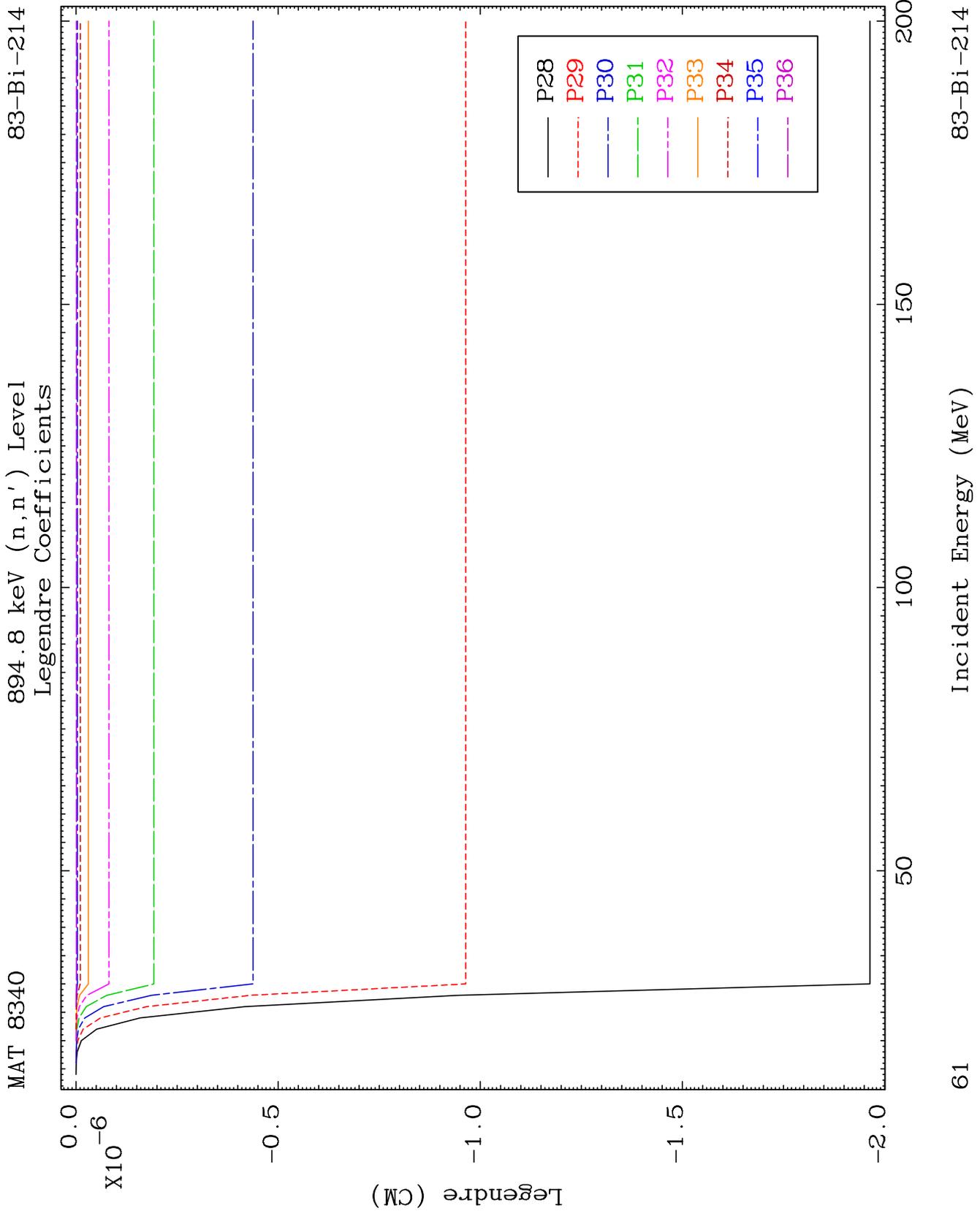
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59

Incident Energy (MeV)

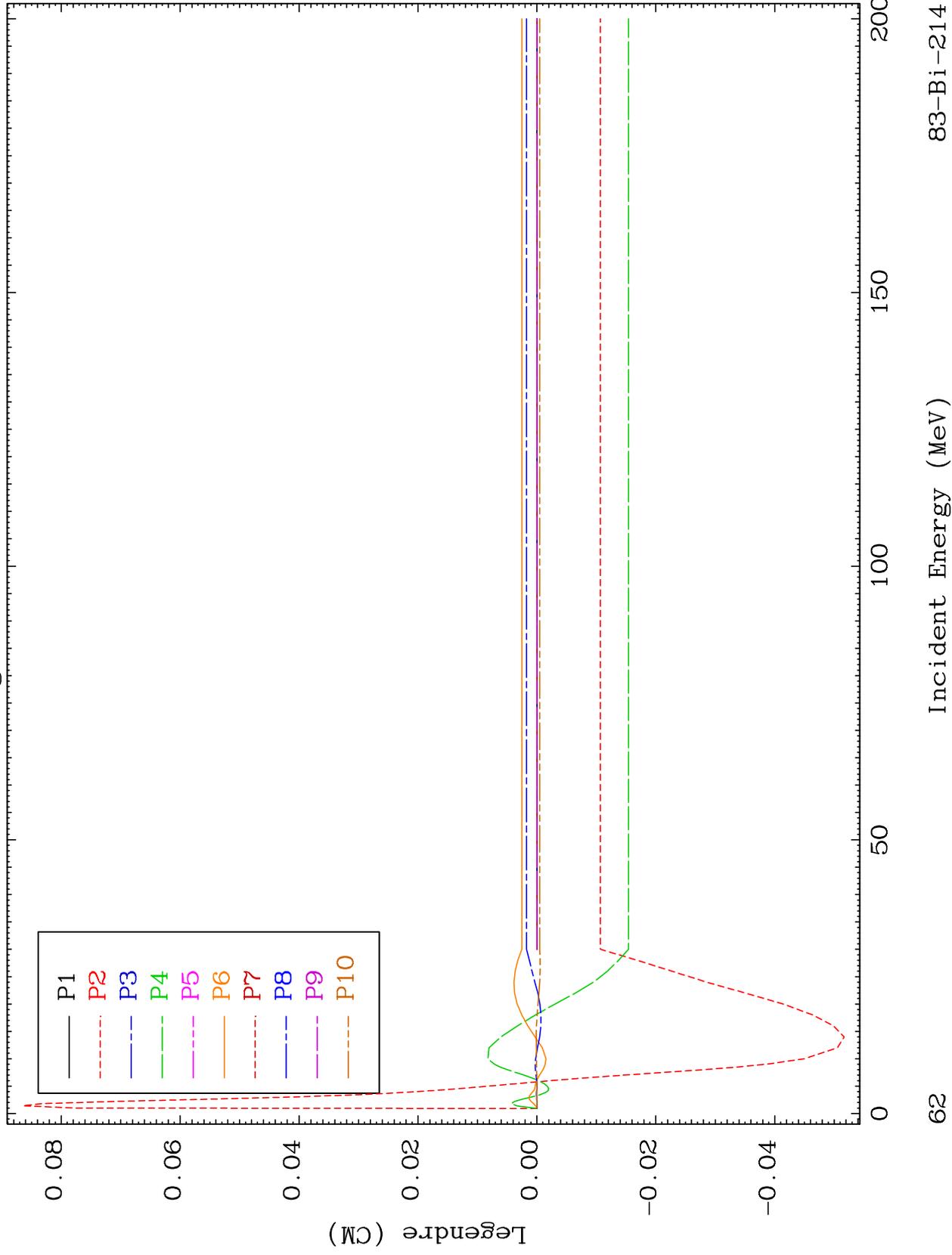
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MAT 8340

896.1 keV (n,n') Level
Legendre Coefficients

83-Bi-214



62

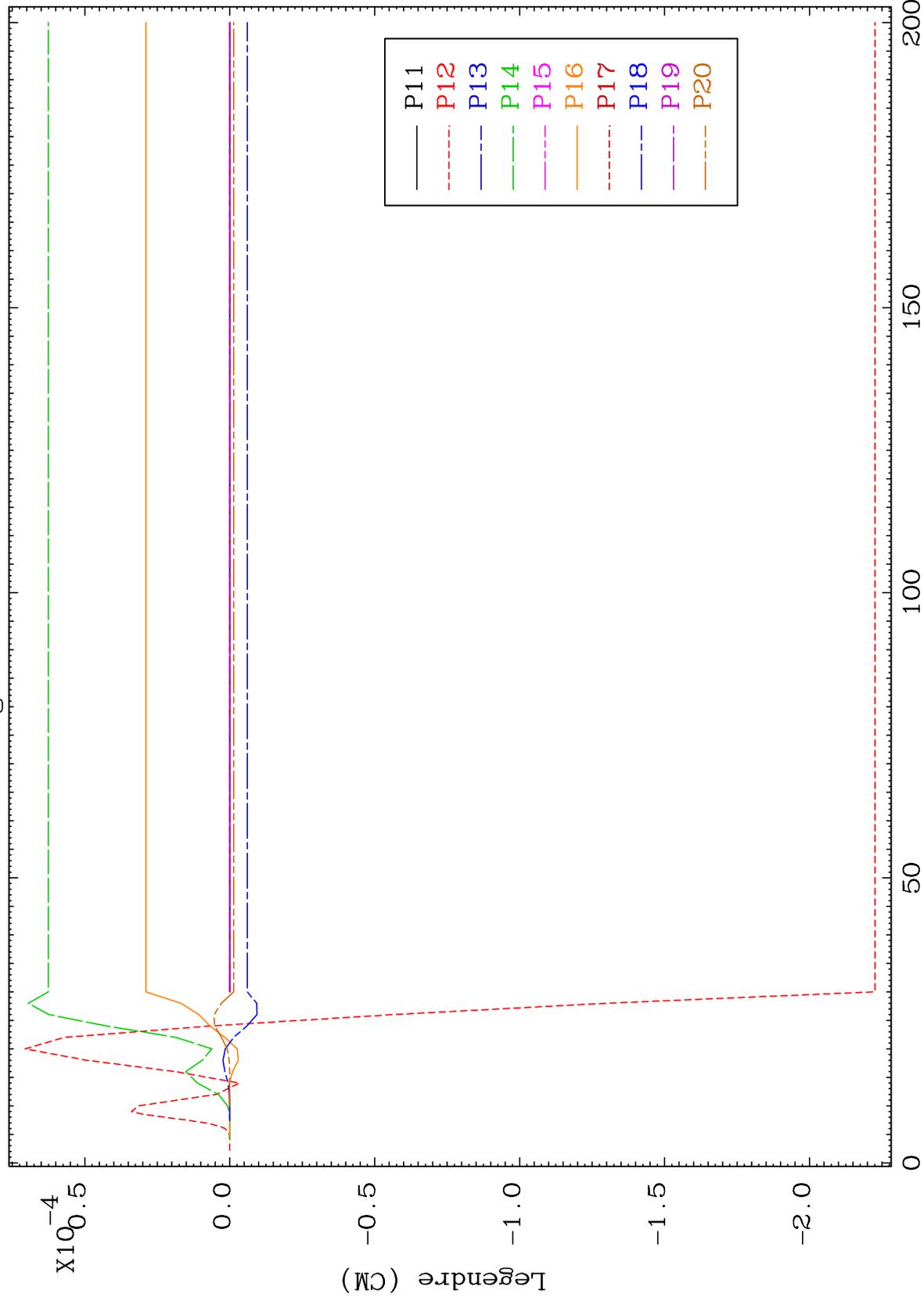
Incident Energy (MeV)

83-Bi-214

MAT 8340

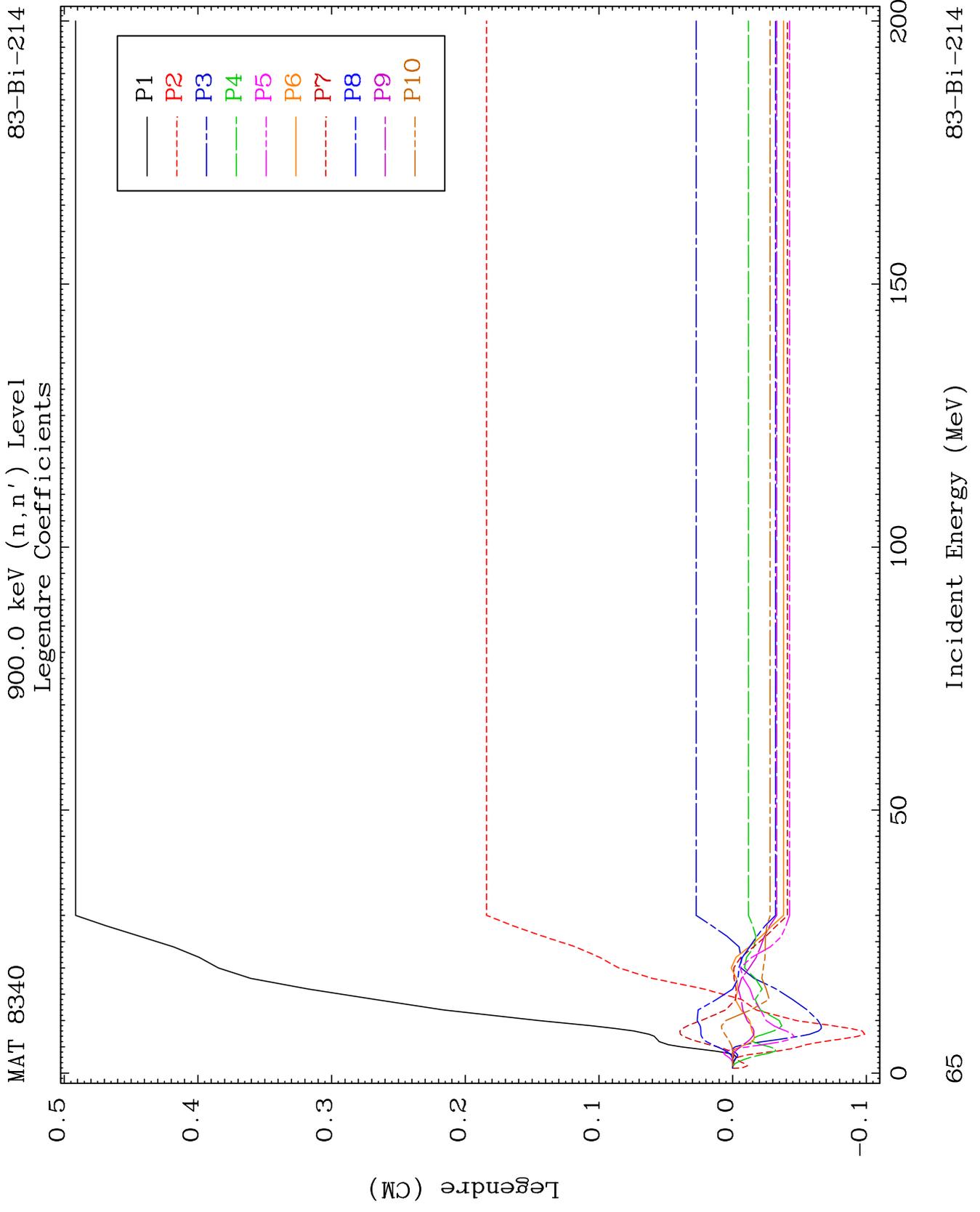
896.1 keV (n,n') Level
Legendre Coefficients

83-Bi-214



63

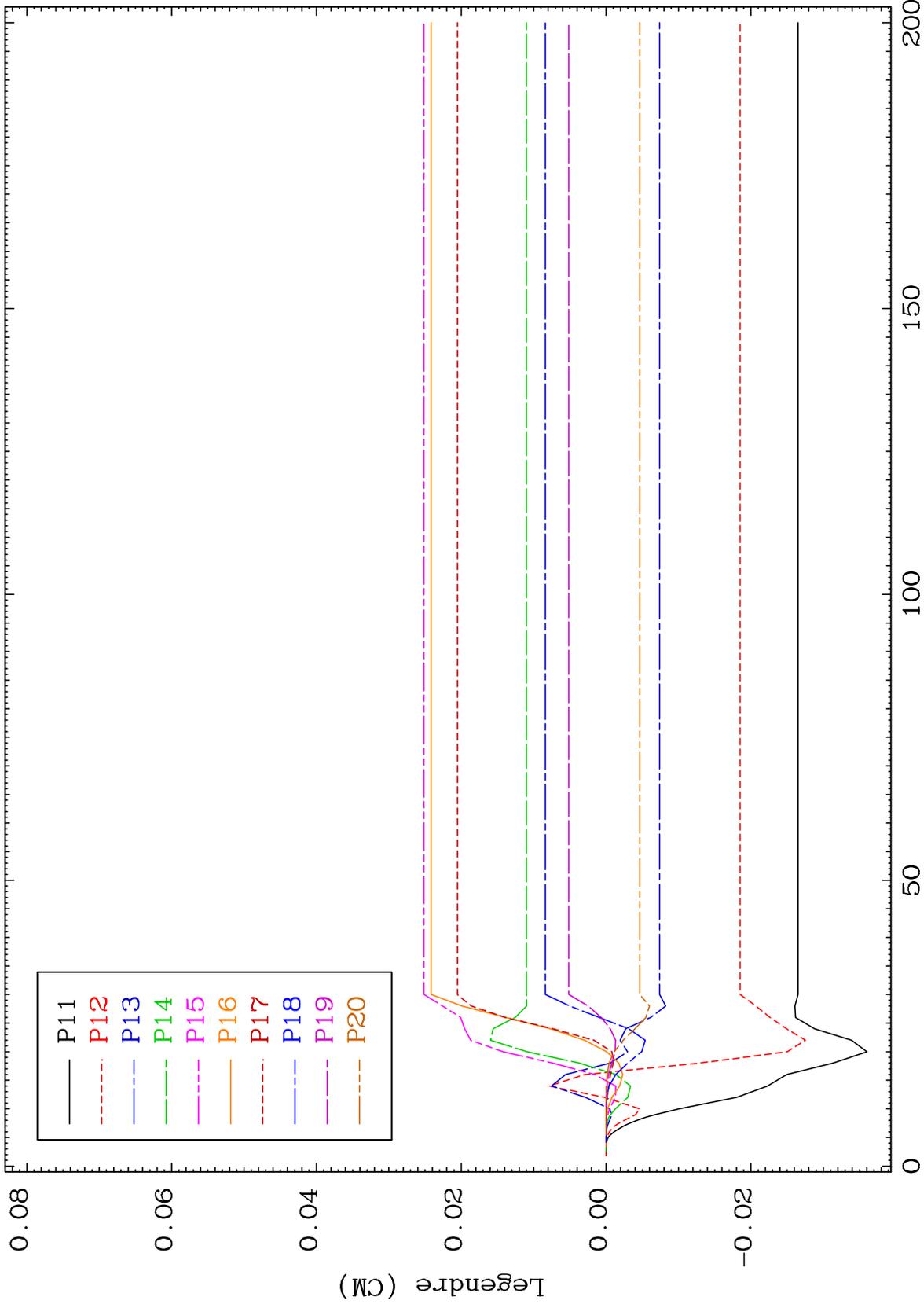
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MAT 8340

900.0 keV (n,n') Level
Legendre Coefficients

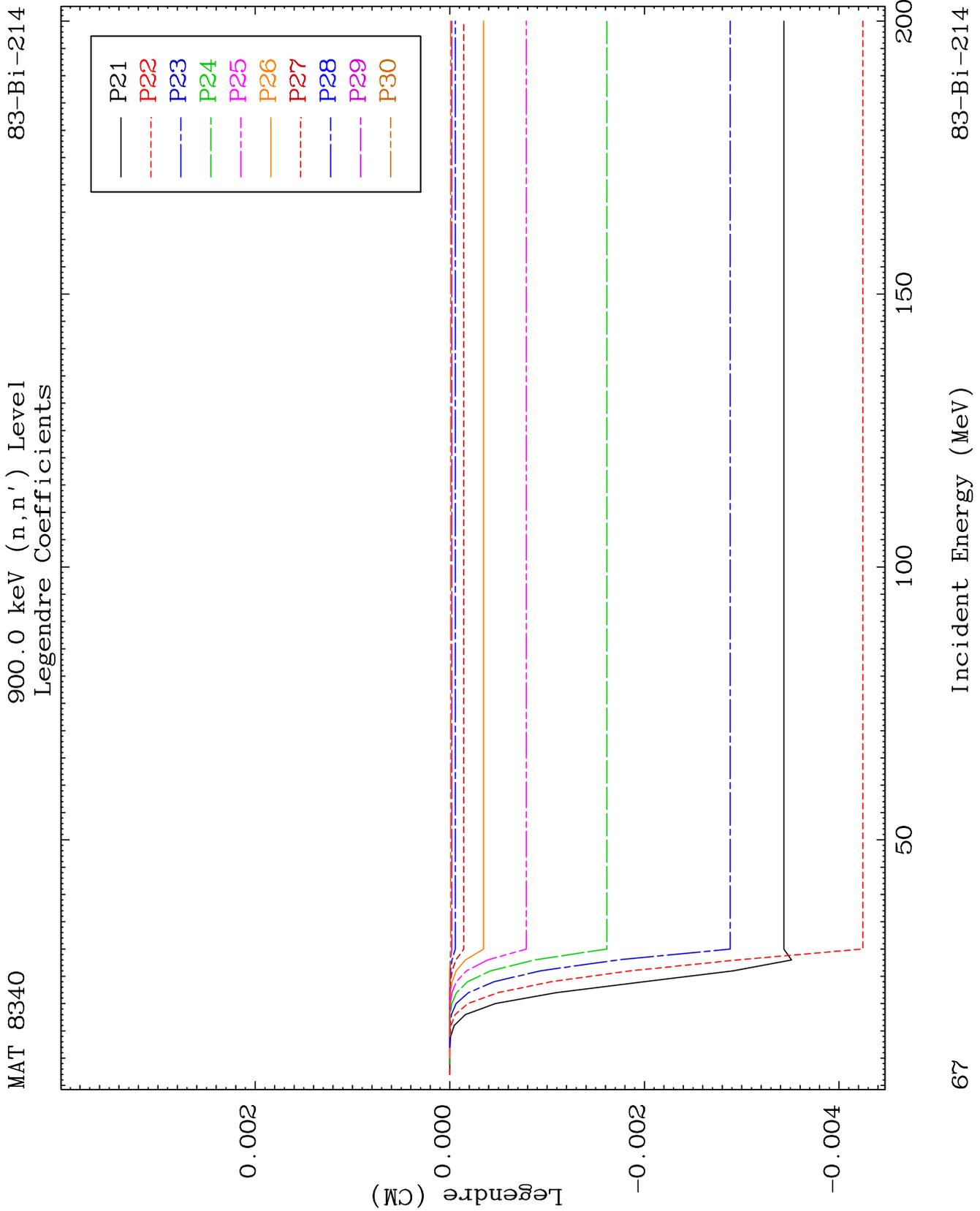
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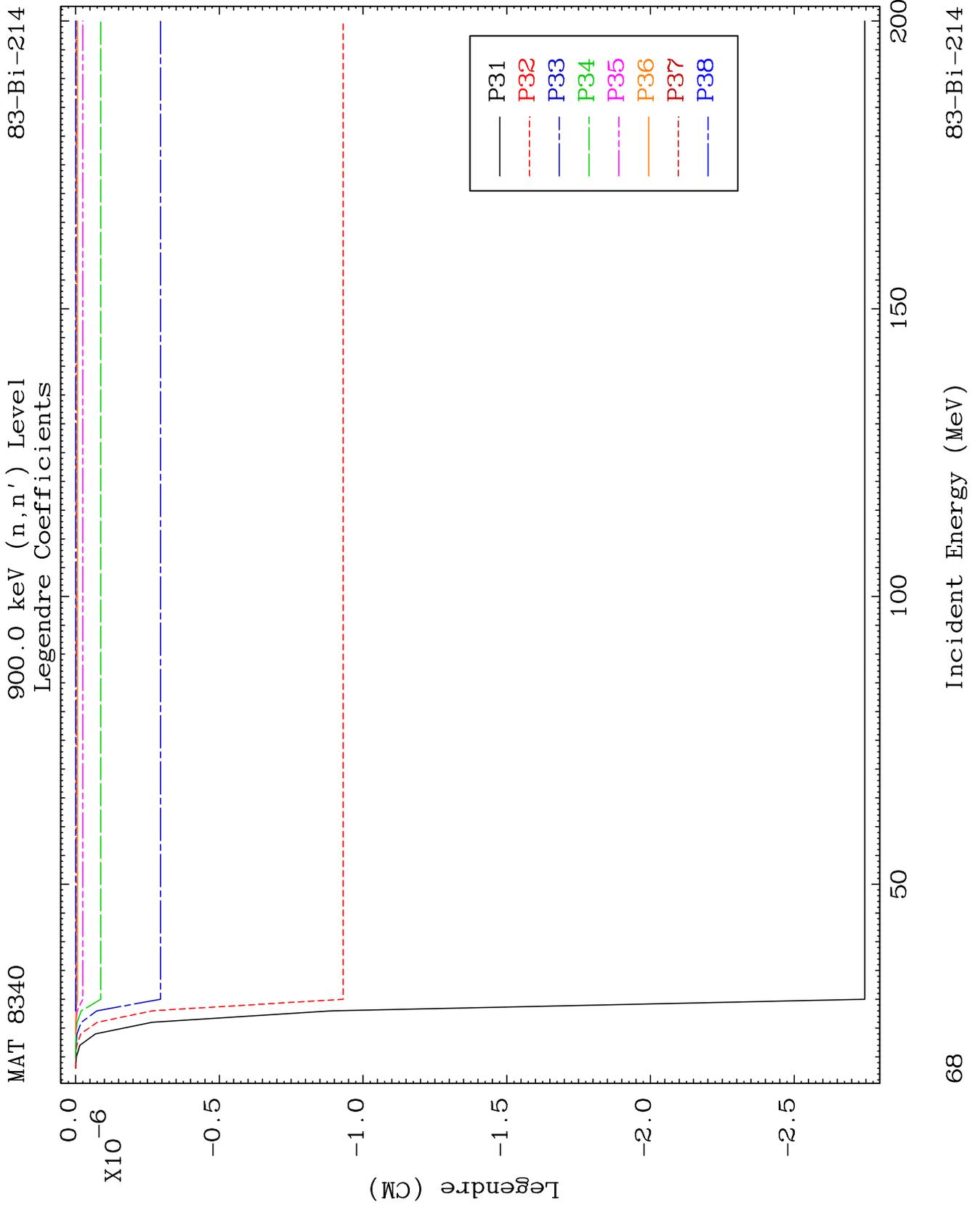


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Incident Energy (MeV)

83-Bi-214

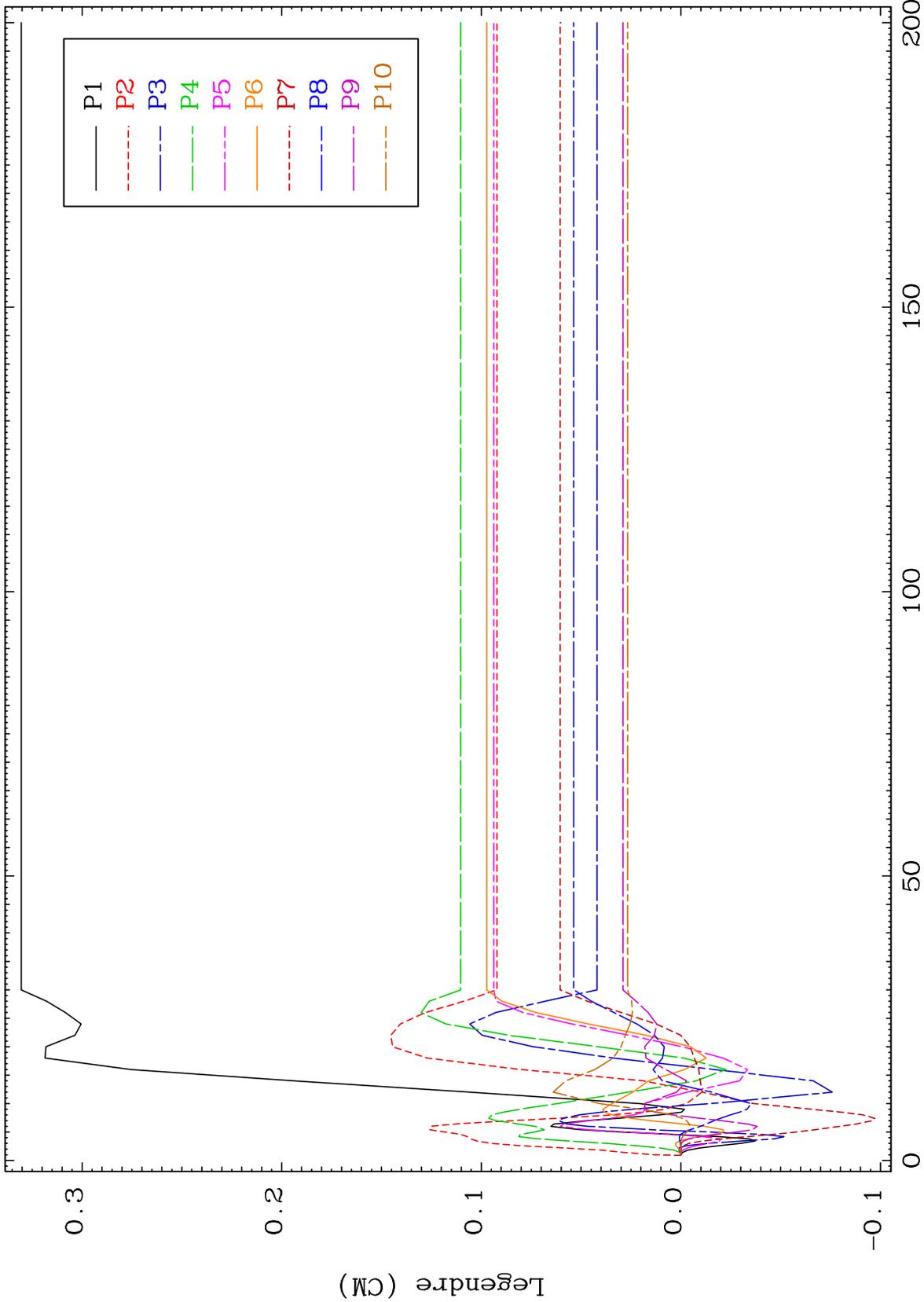




MAT 8340

902.4 keV (n,n') Level
Legendre Coefficients

83-Bi-214



69

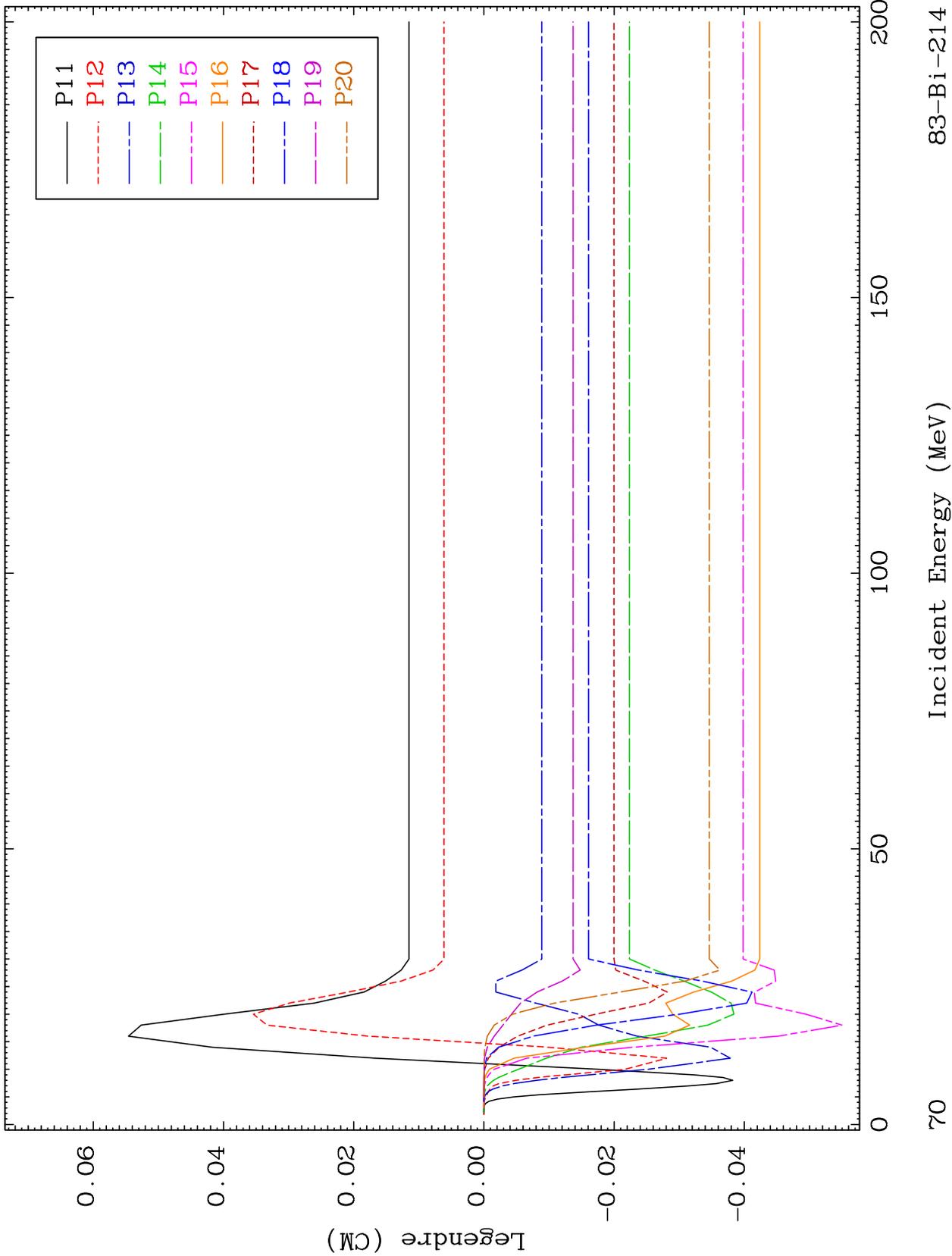
Incident Energy (MeV)

83-Bi-214

MAT 8340

902.4 keV (n,n') Level
Legendre Coefficients

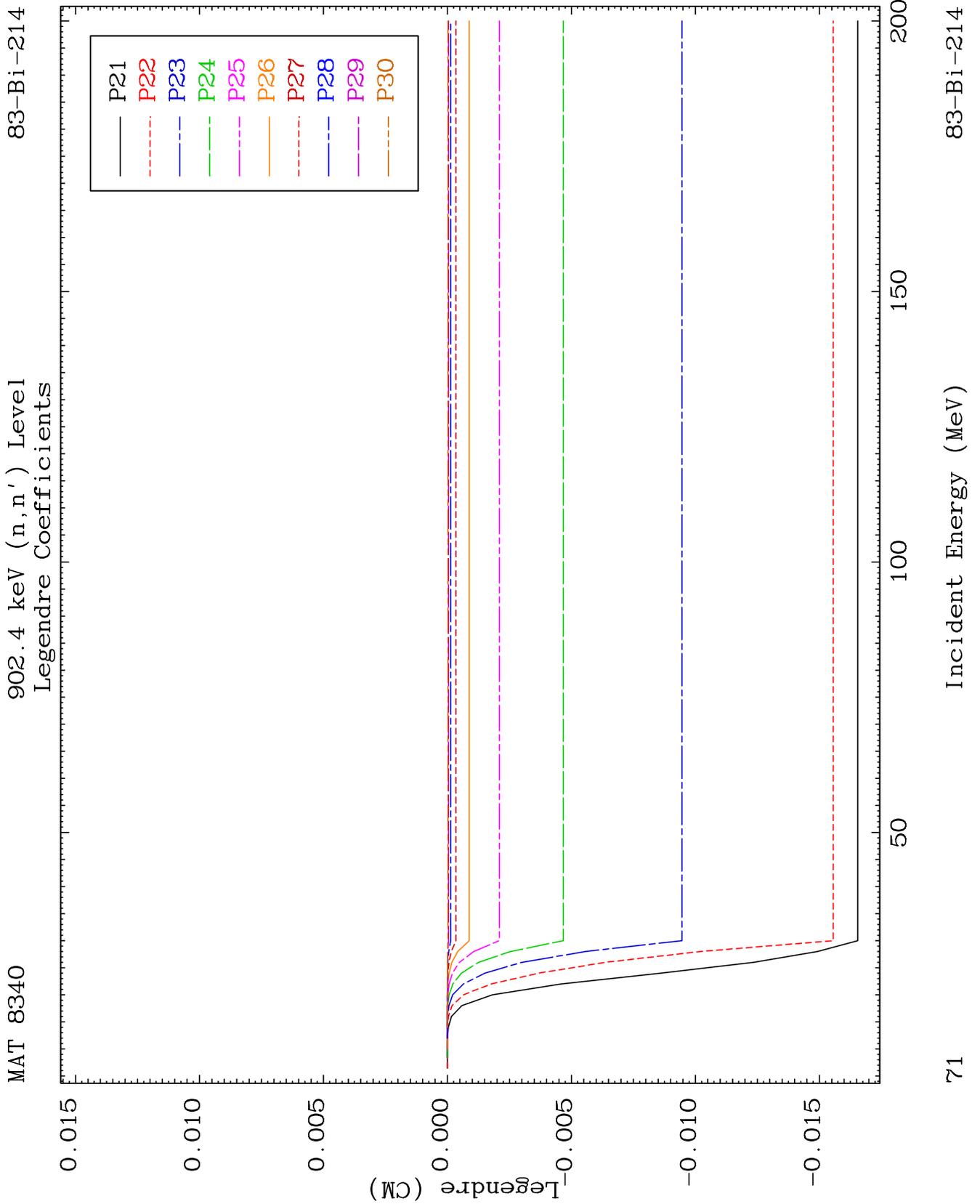
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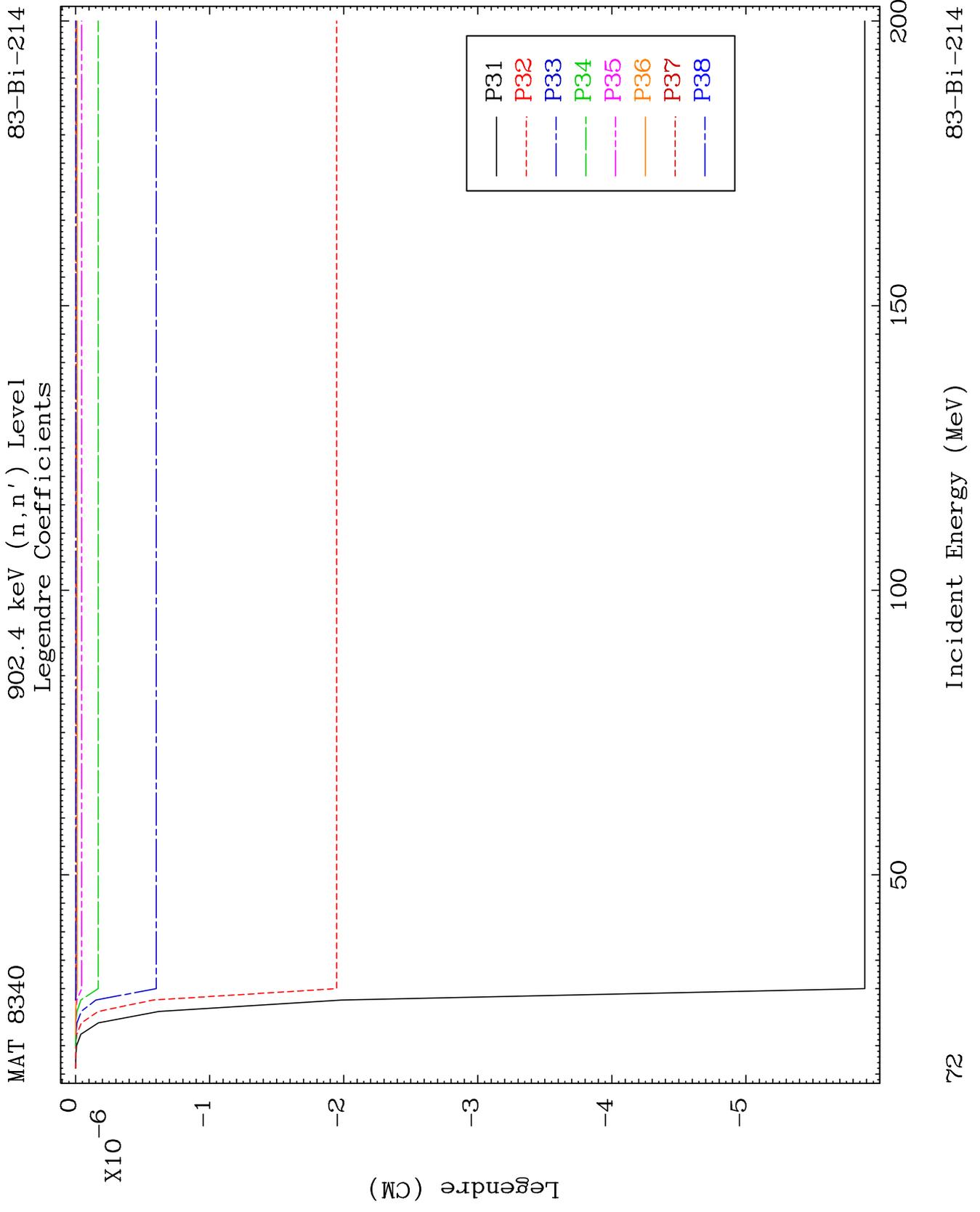


83-Bi-214

Incident Energy (MeV)

70

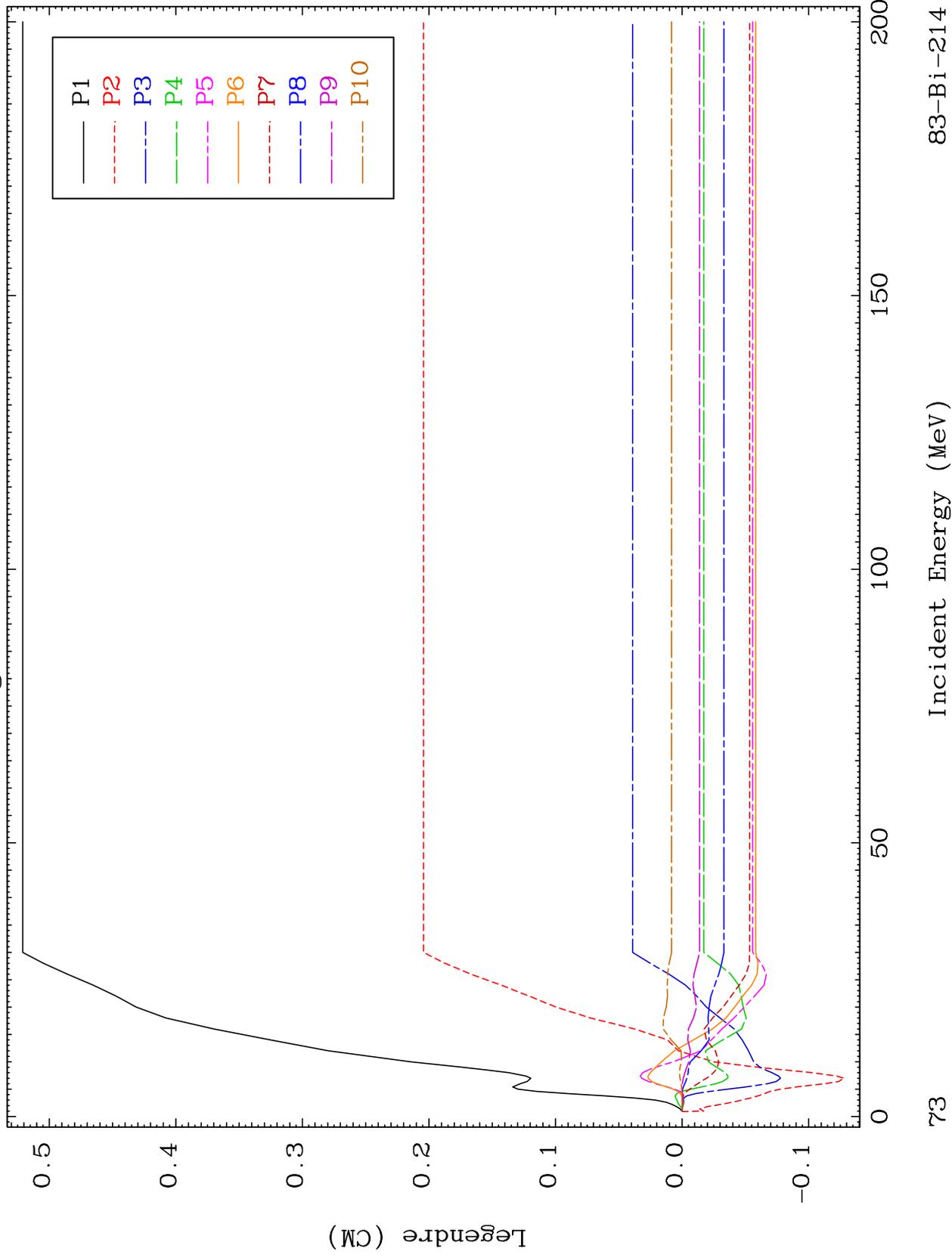




MAT 8340

903.8 keV (n,n') Level
Legendre Coefficients

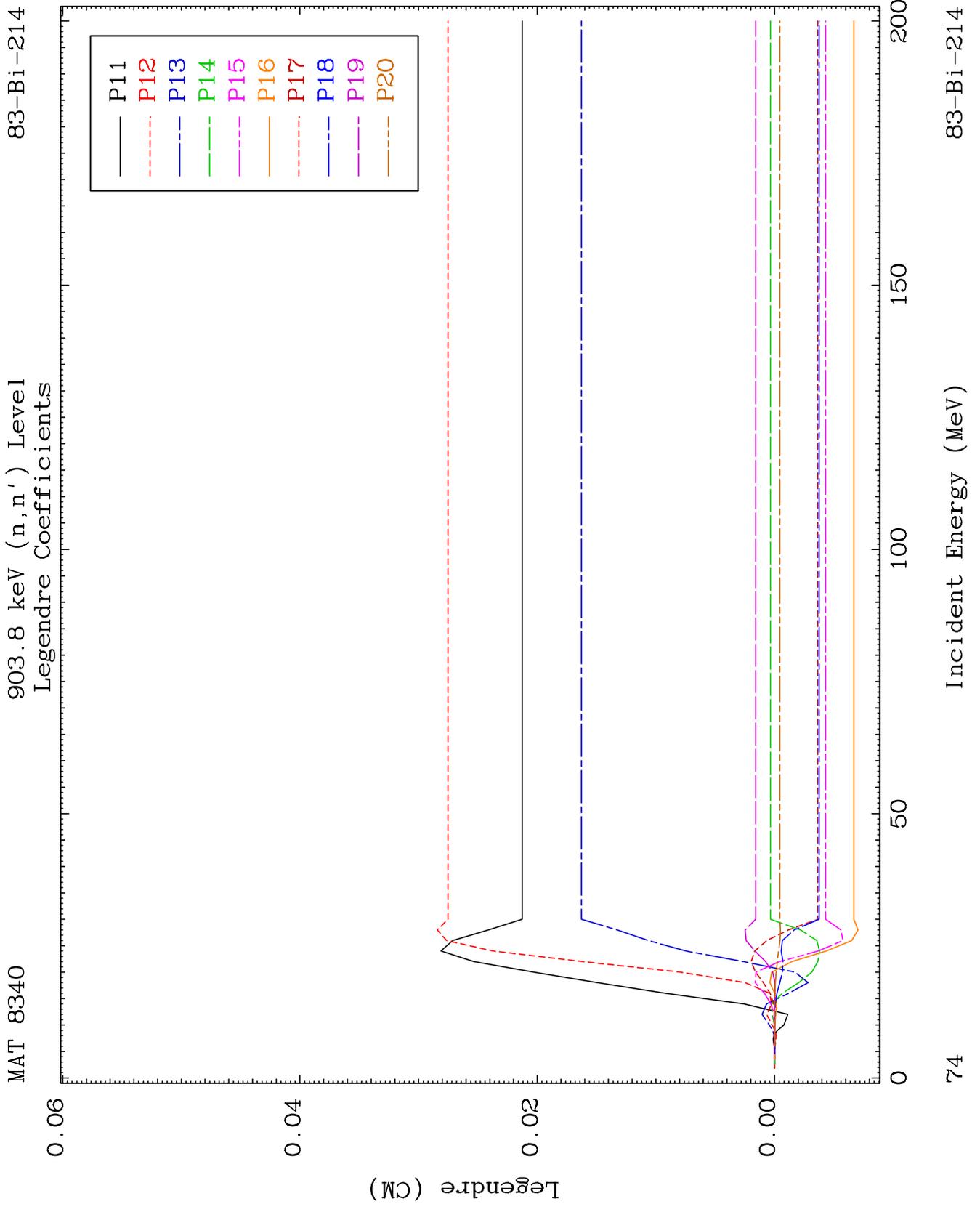
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83-Bi-214

Incident Energy (MeV)

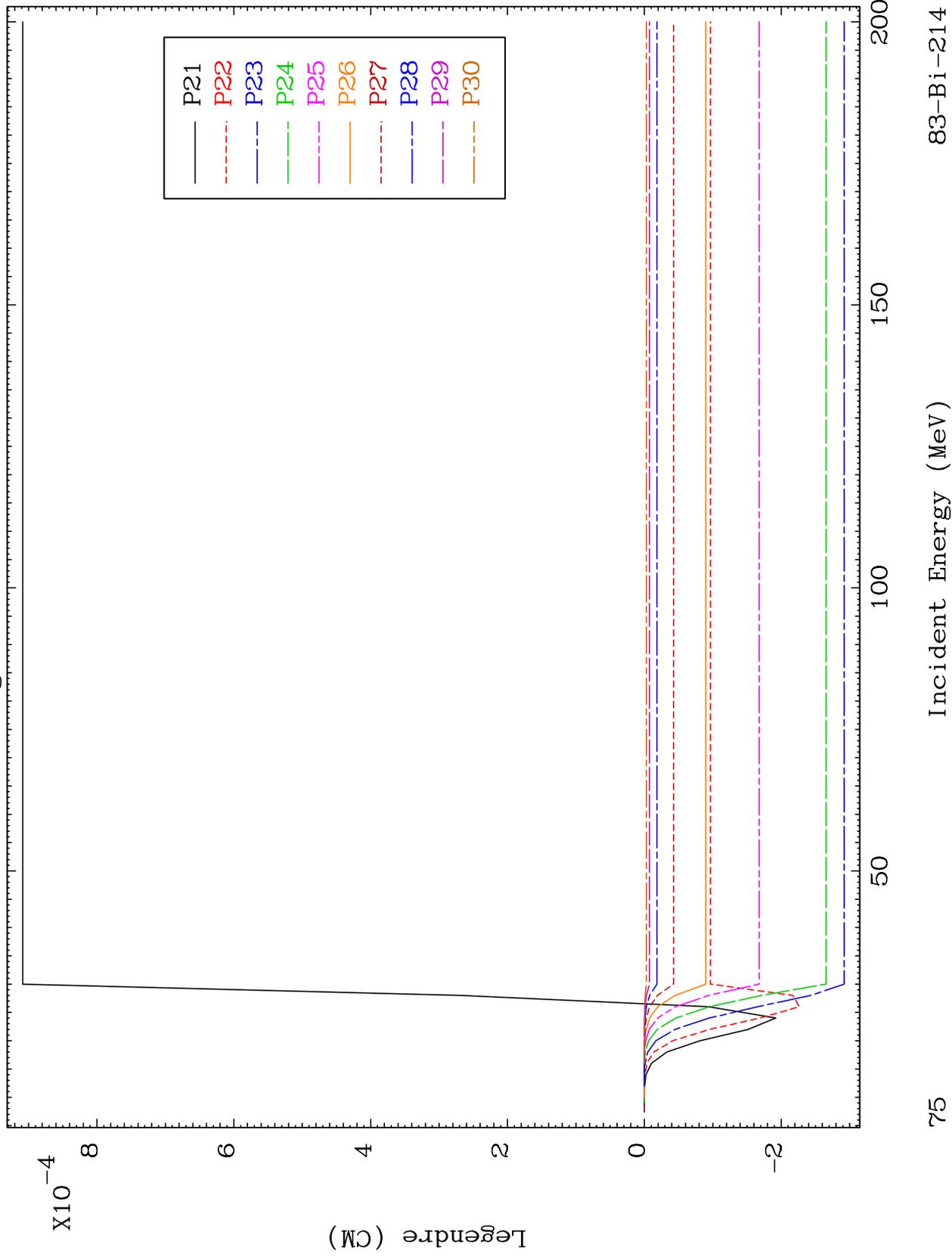
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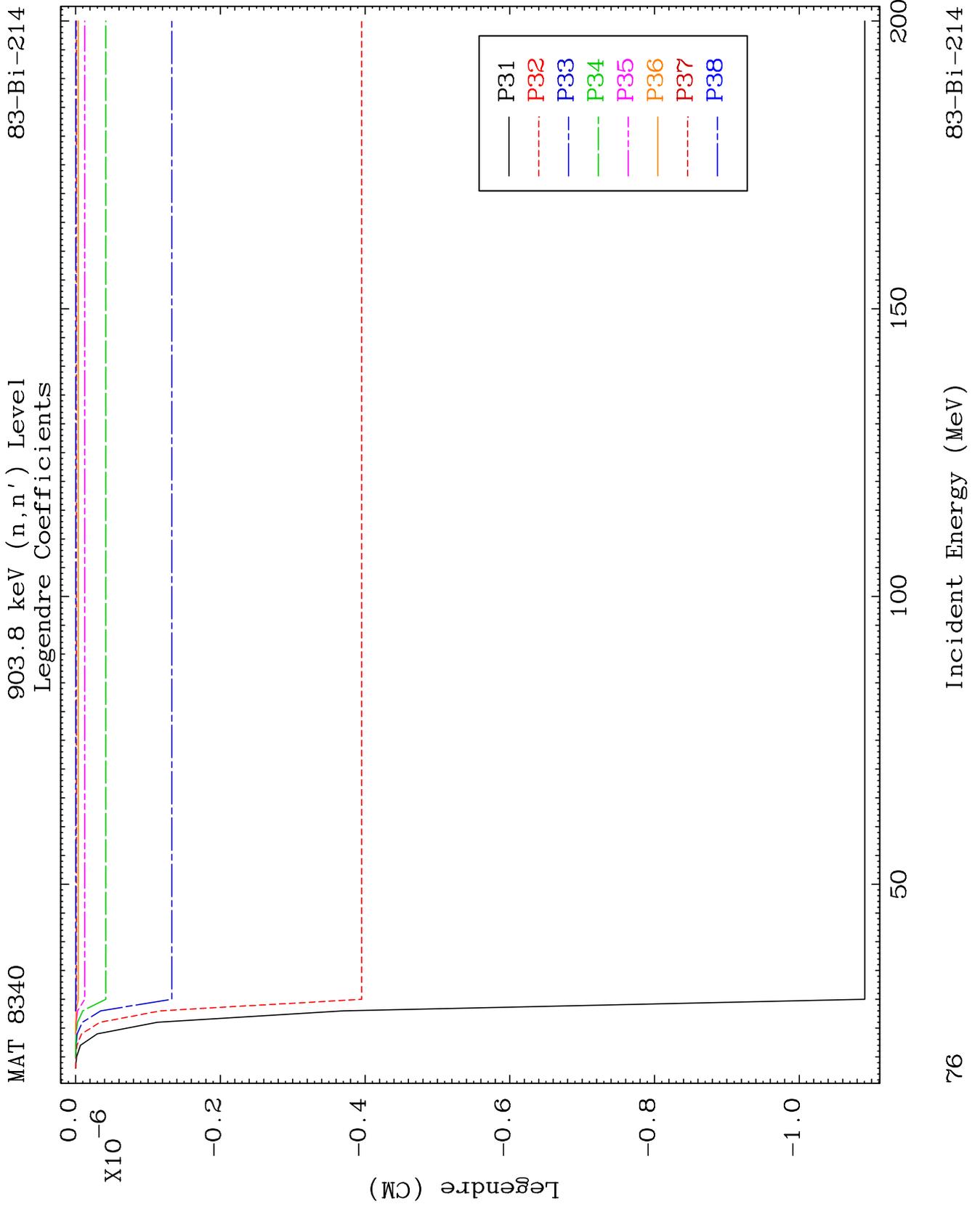


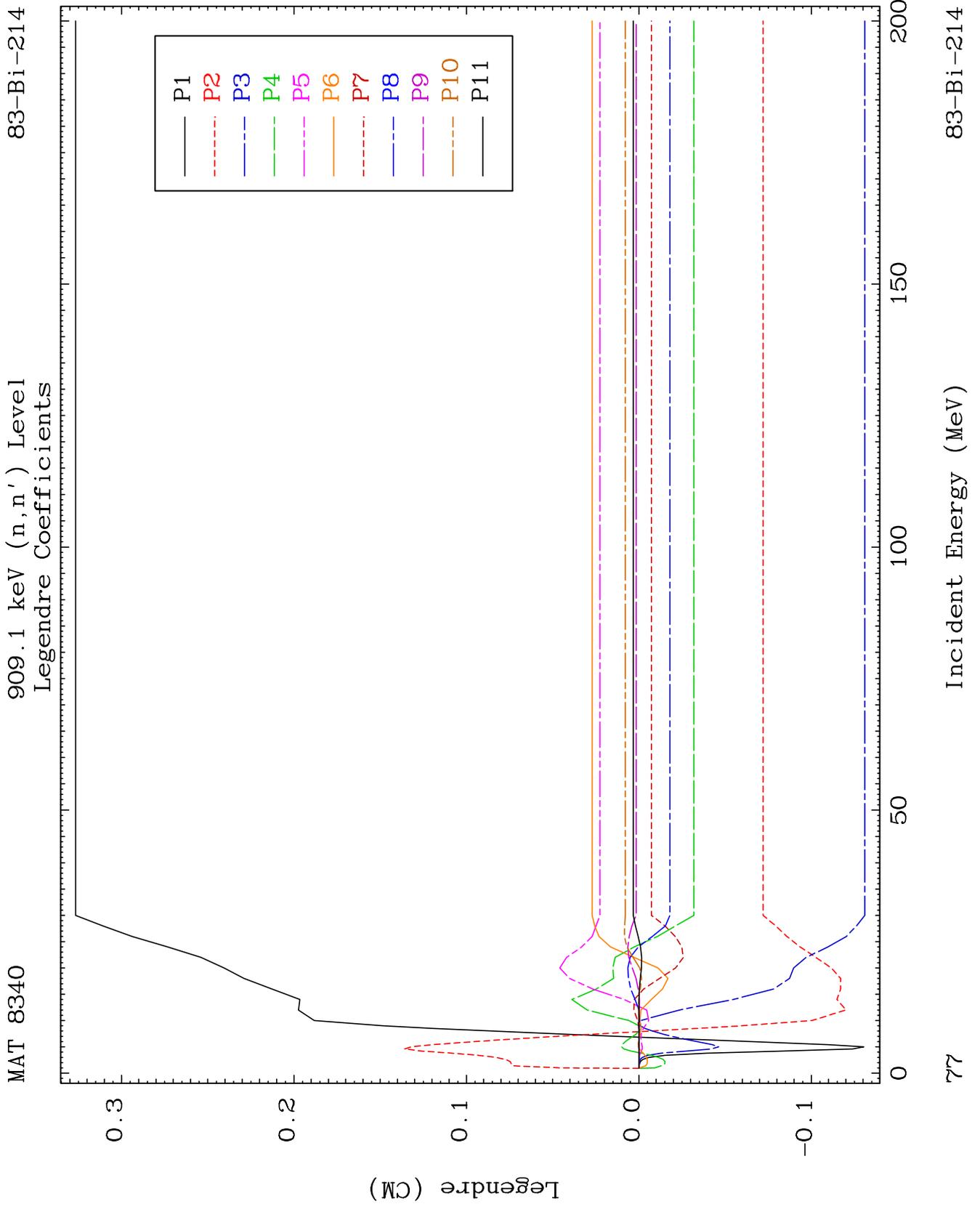
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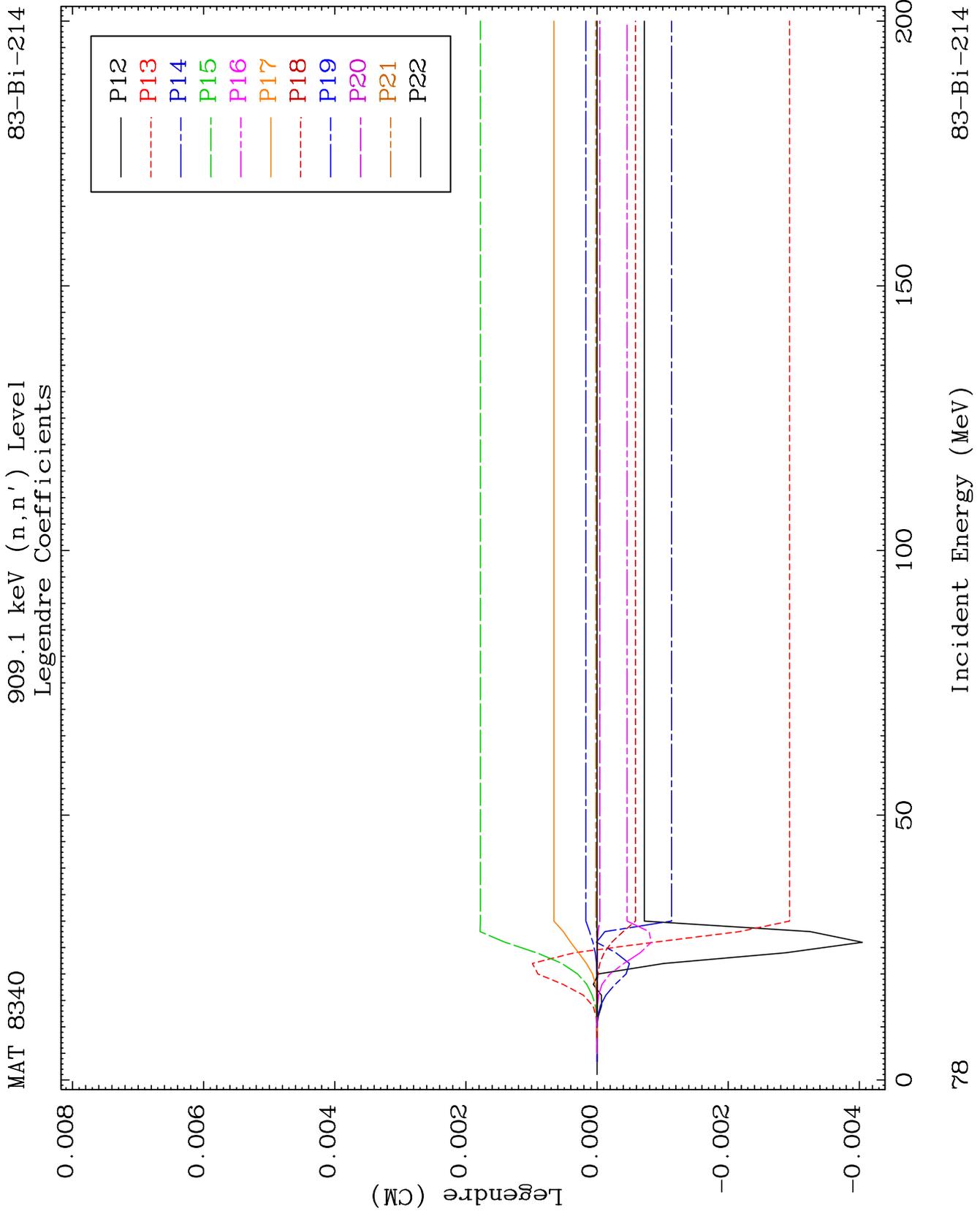
903.8 keV (n,n') Level
Legendre Coefficients

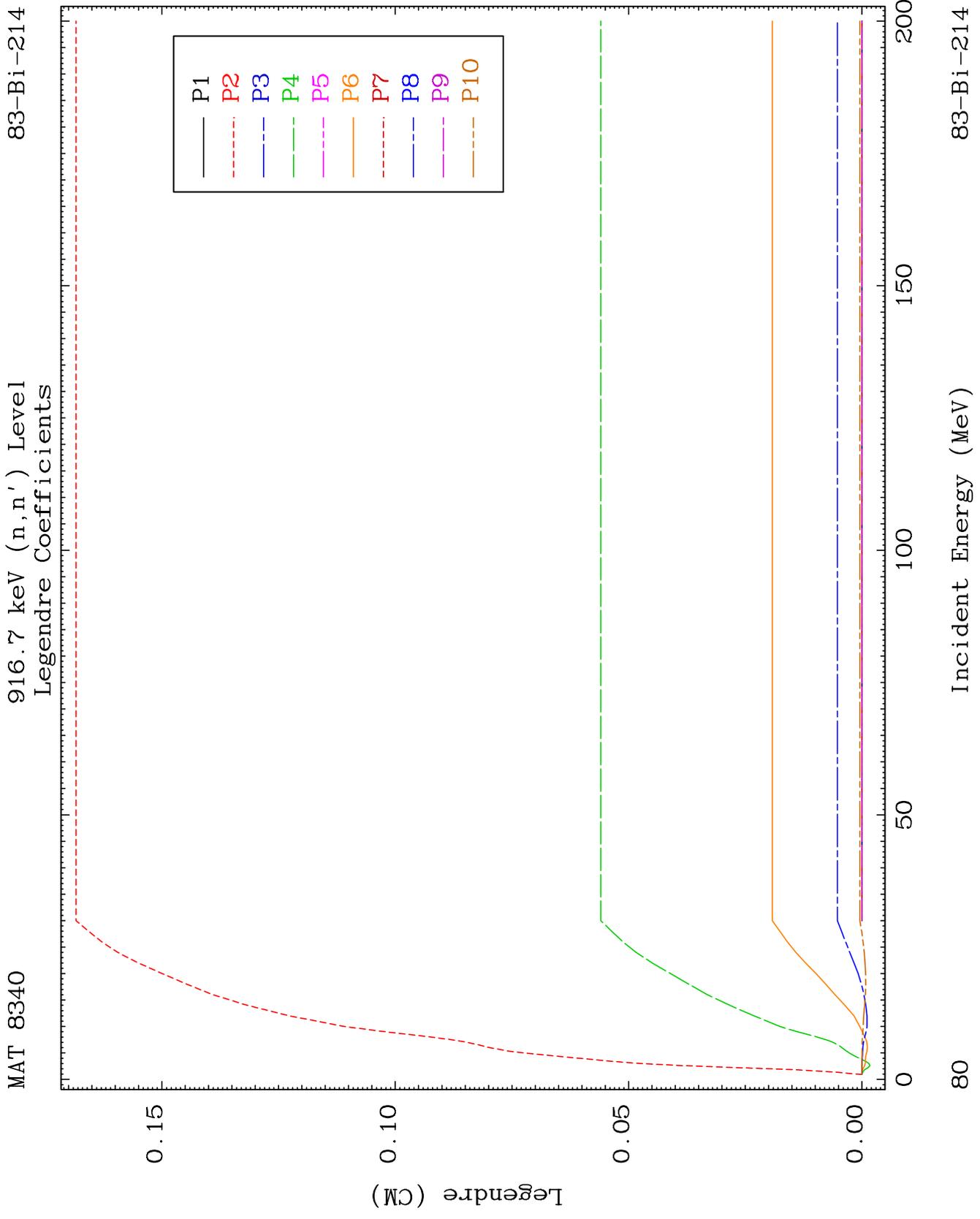
83-Bi-214

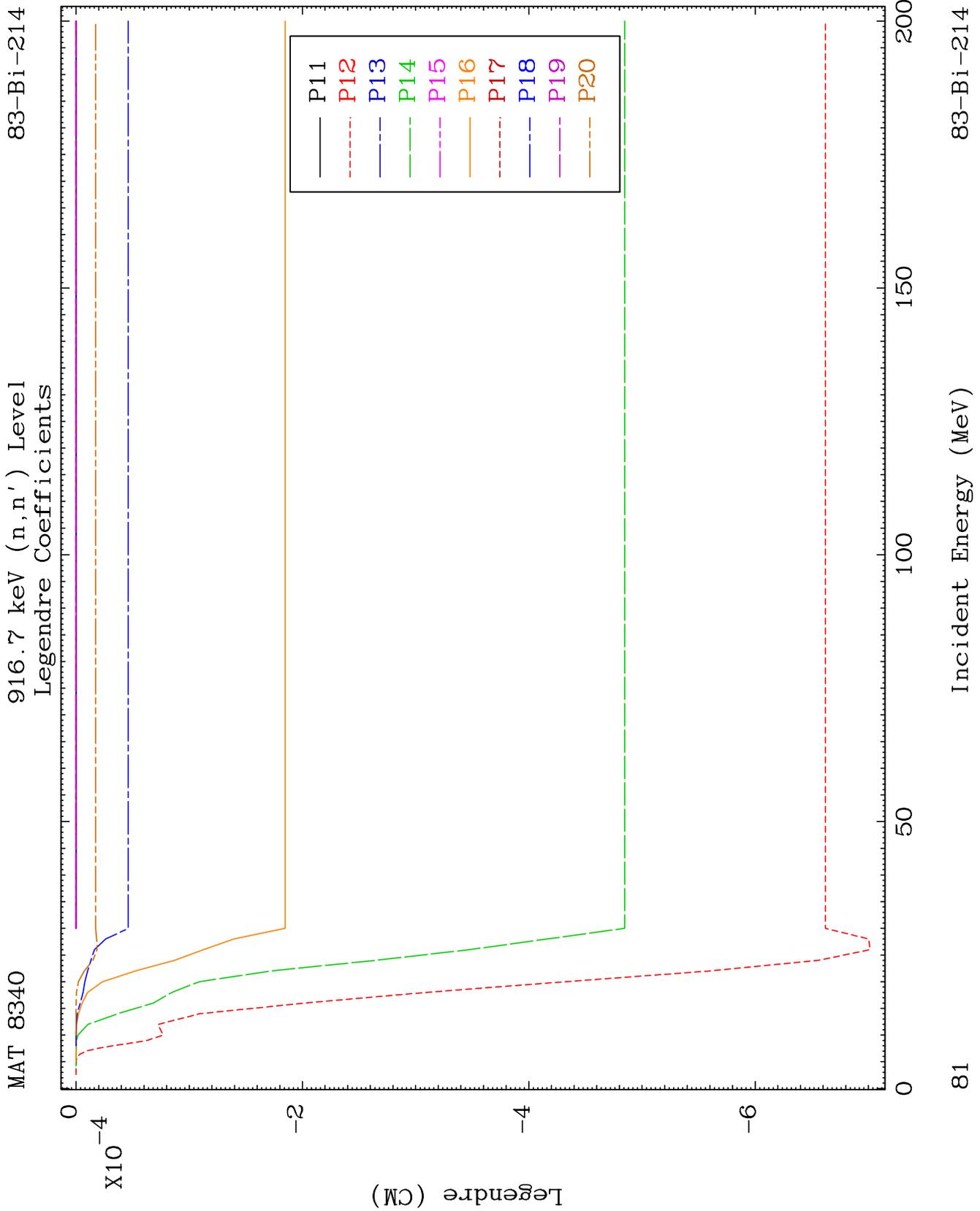


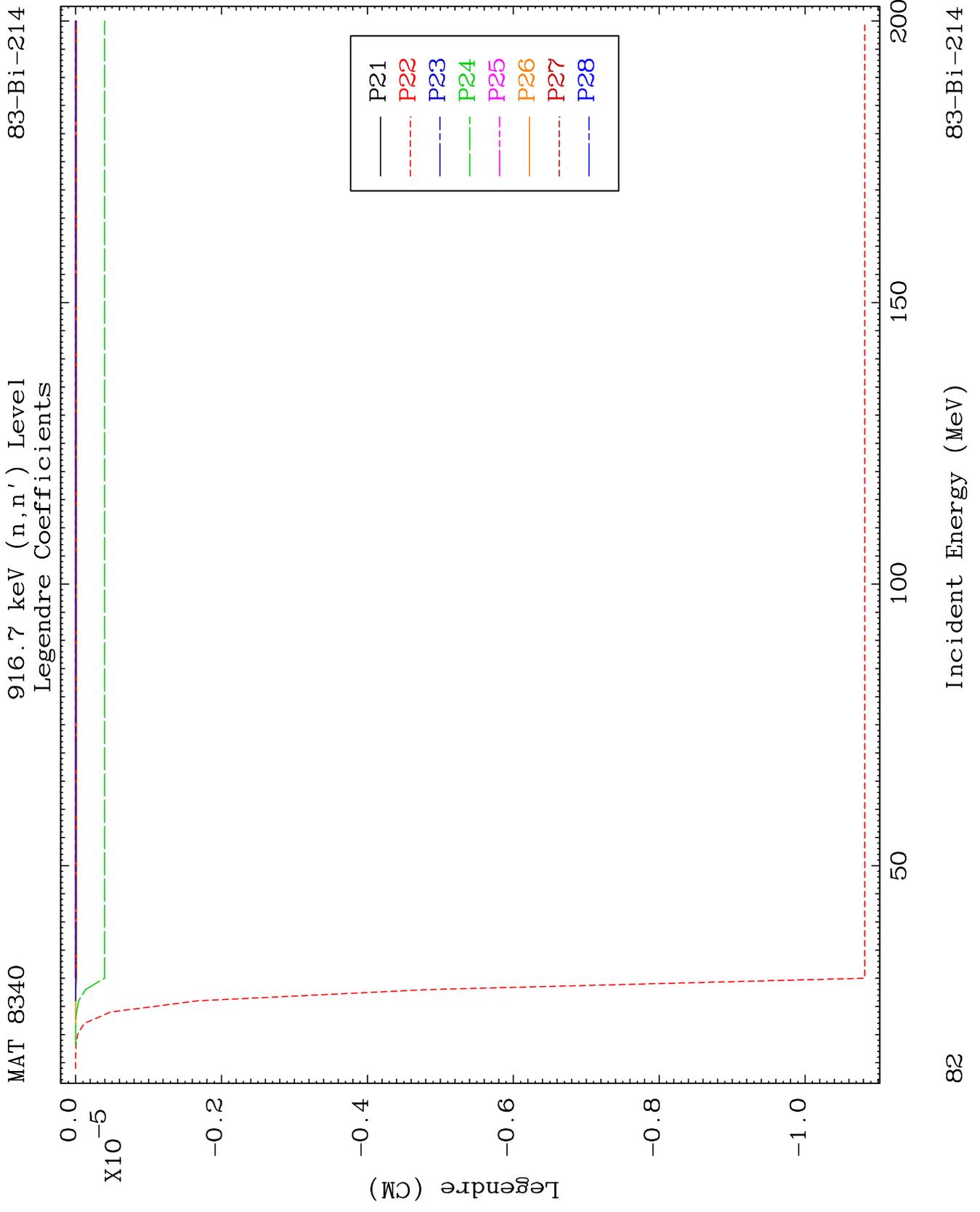


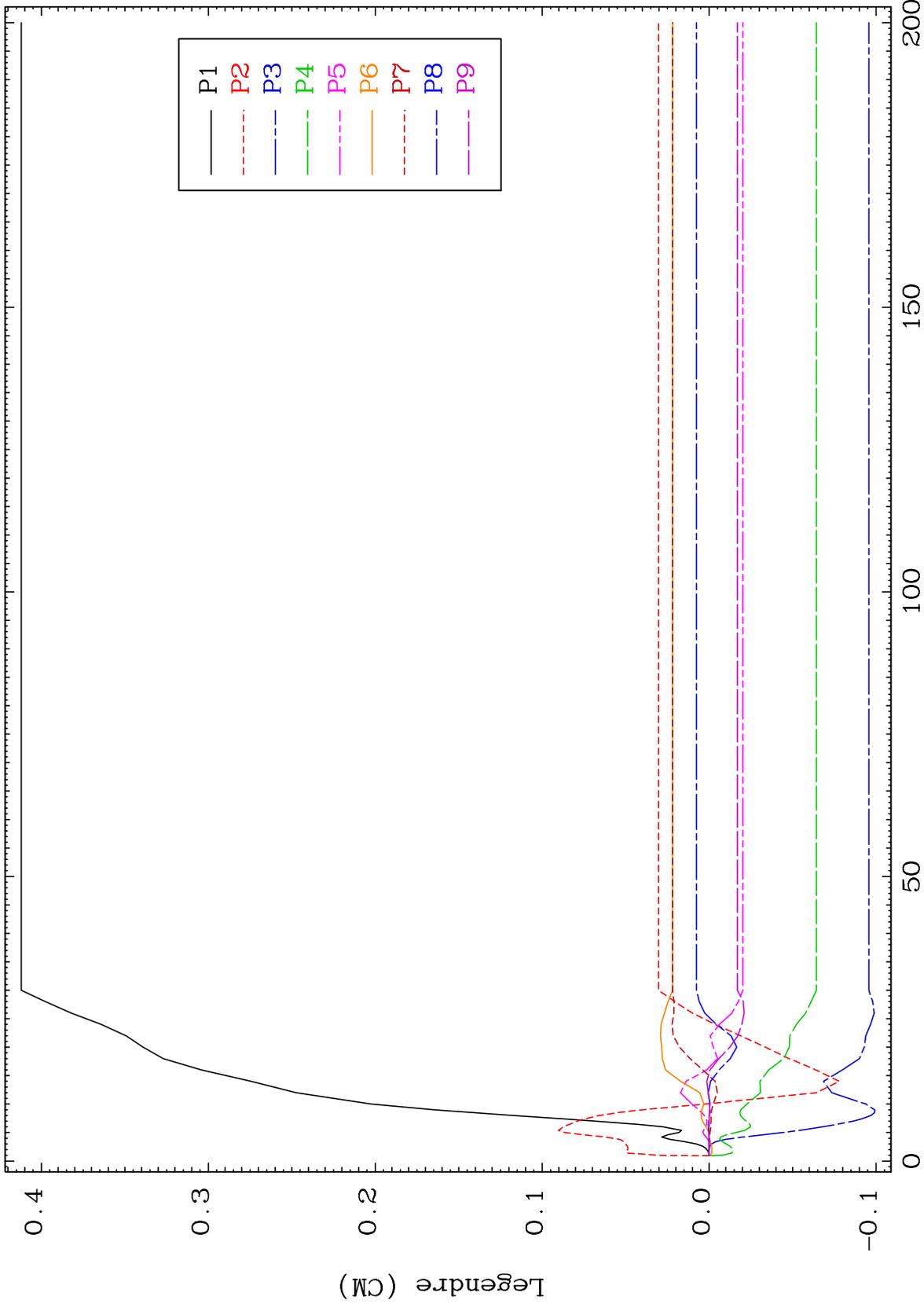








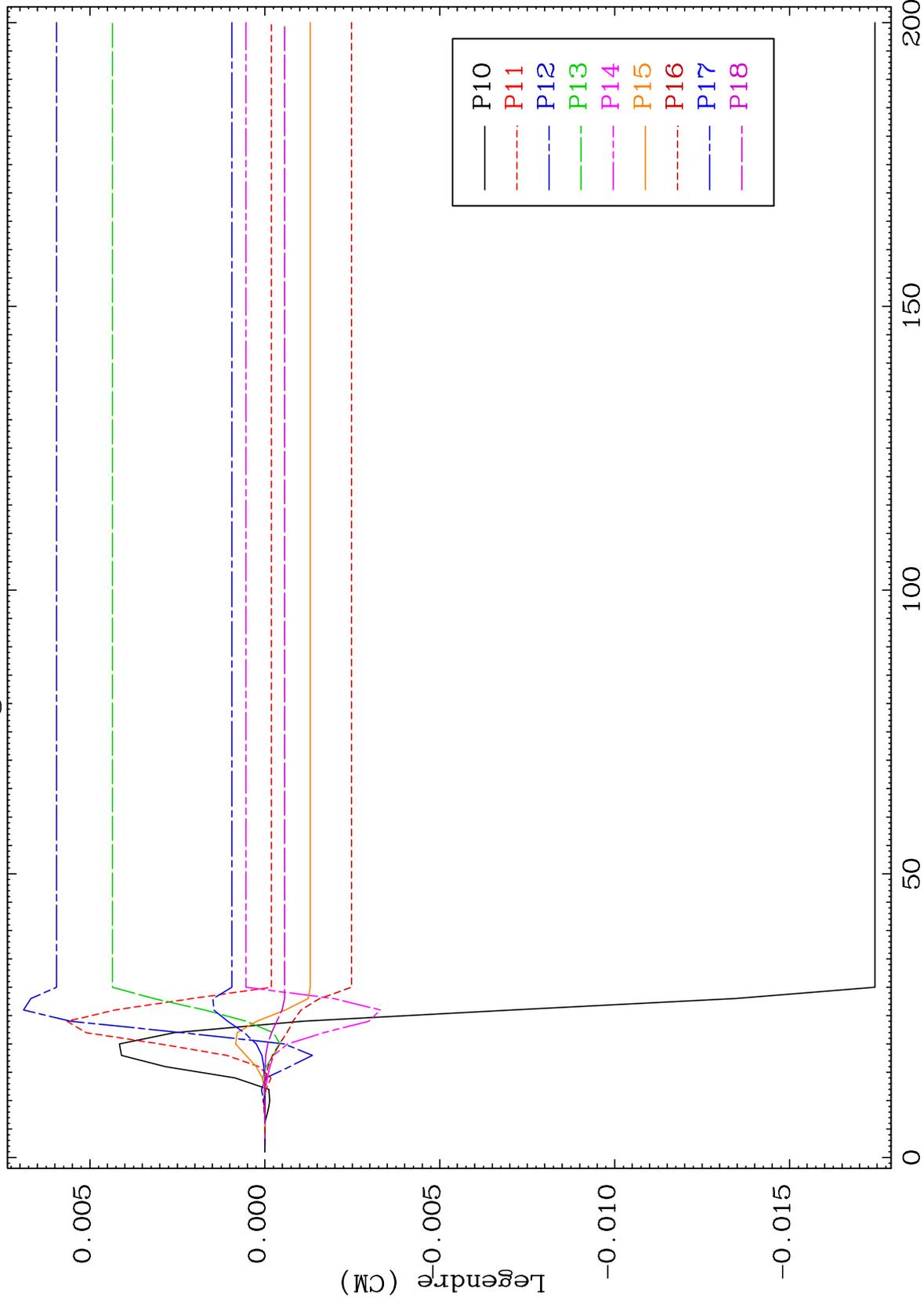




MAT 8340

921.4 keV (n,n') Level
Legendre Coefficients

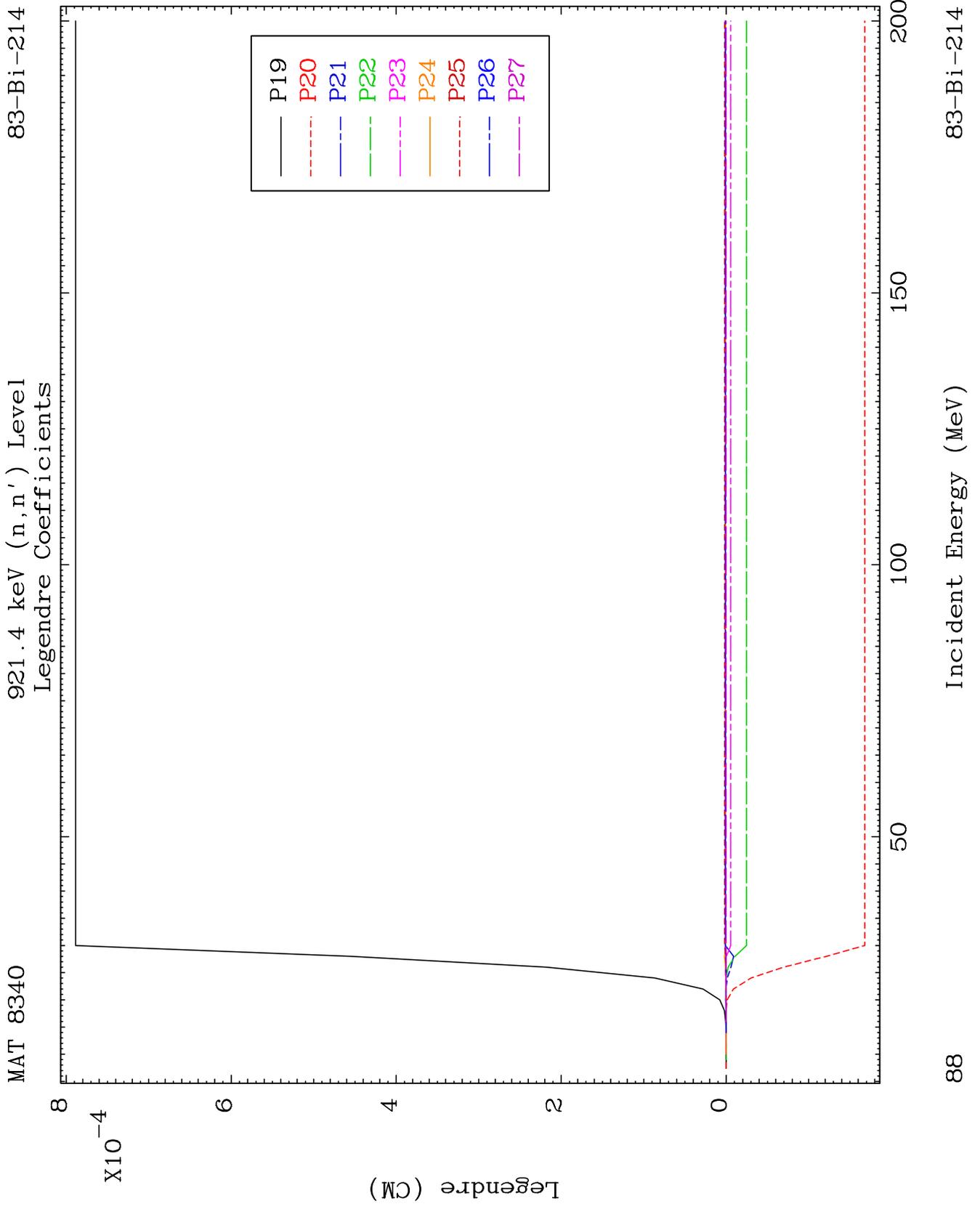
83-Bi-214

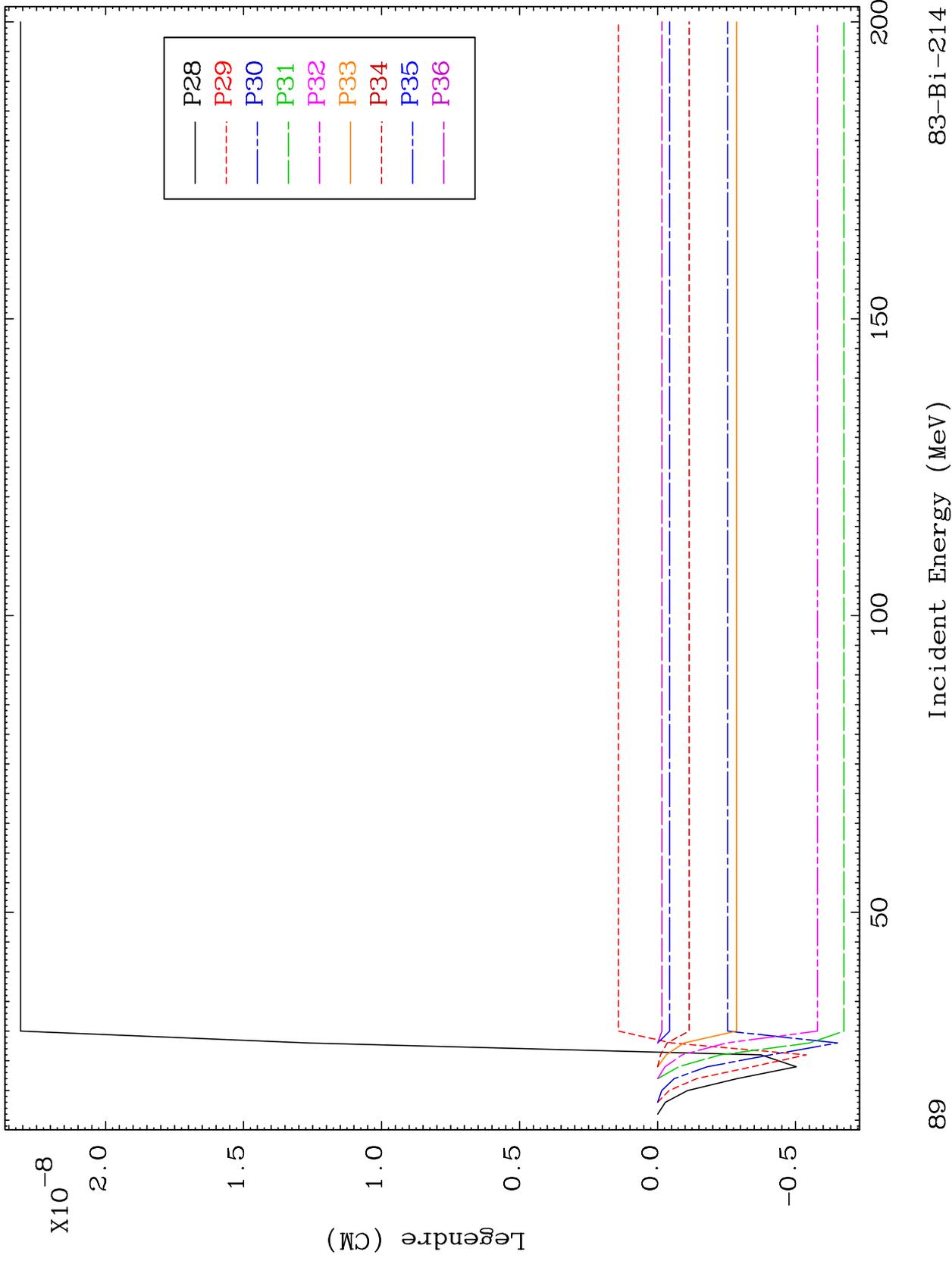


87

Incident Energy (MeV)

83-Bi-214

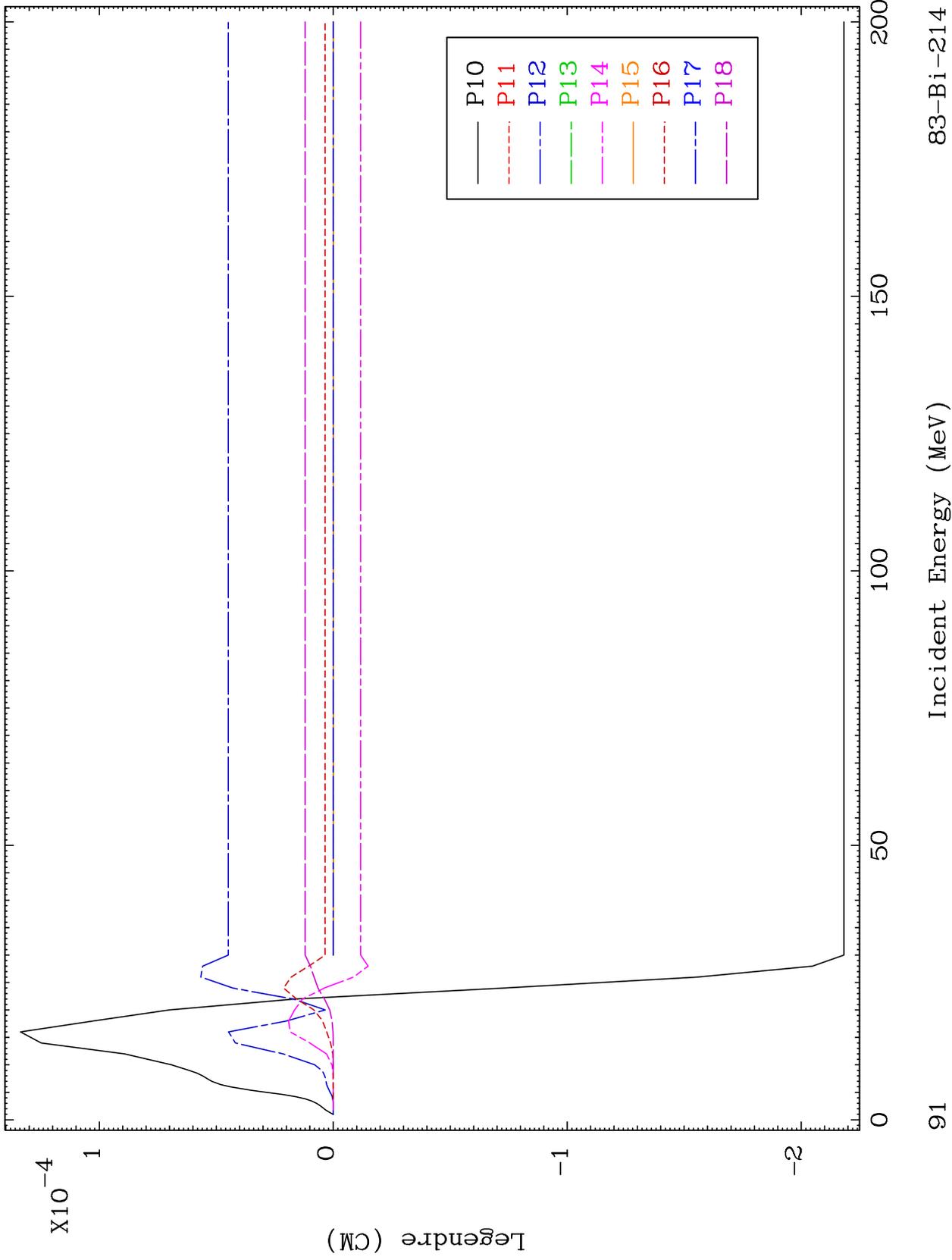


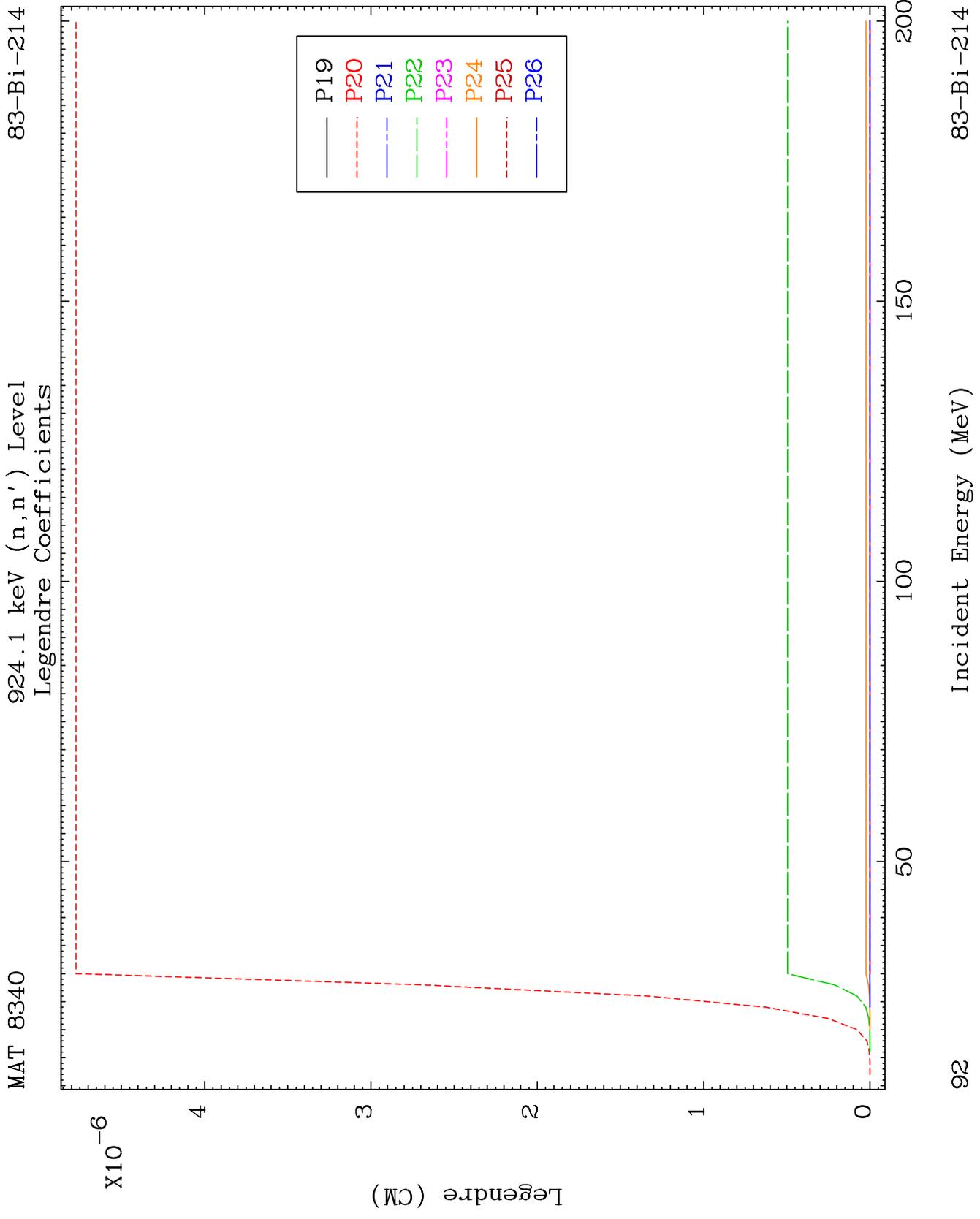


MAT 8340

924.1 keV (n,n') Level
Legendre Coefficients

83-Bi-214

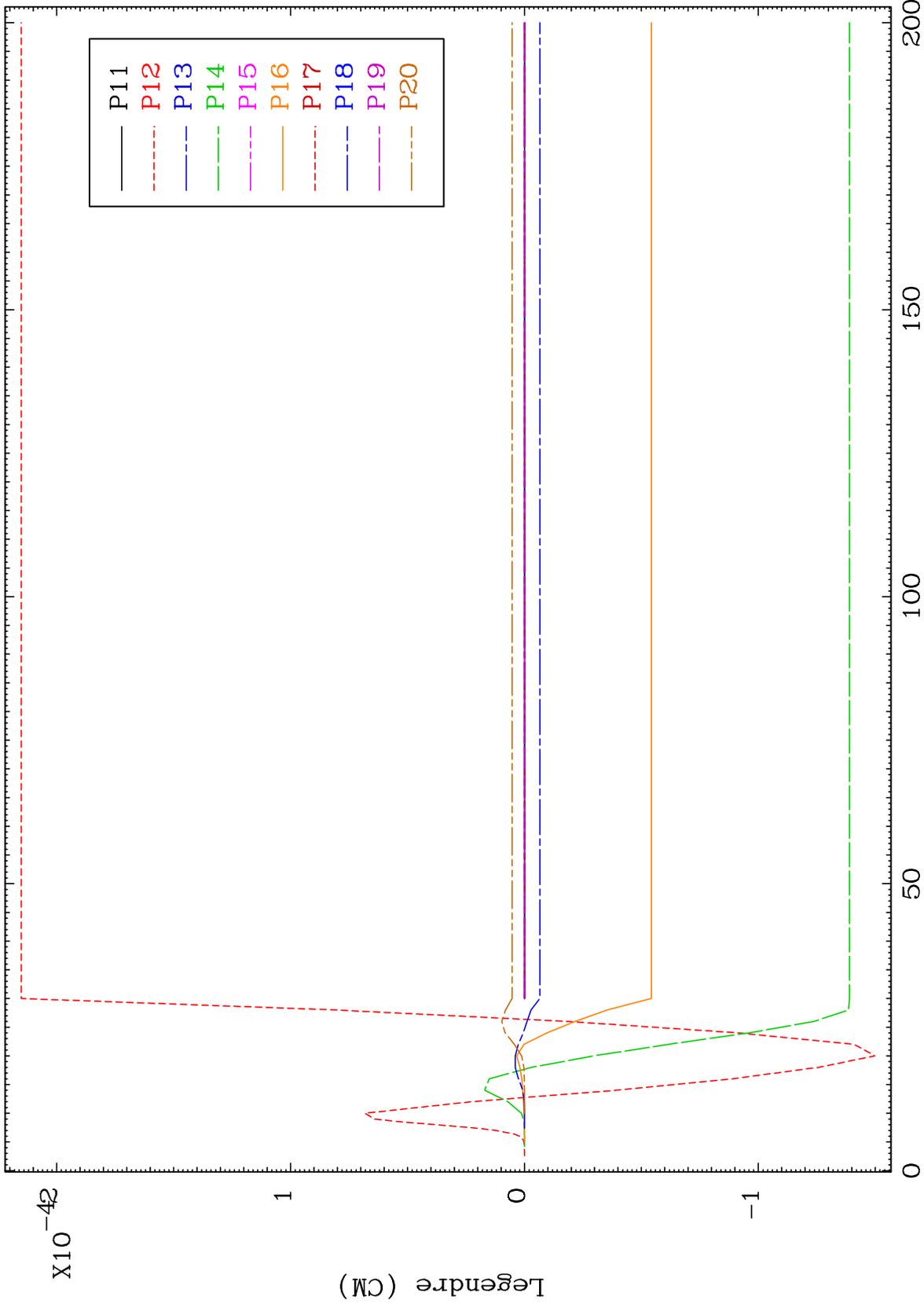




MAT 8340

928.6 keV (n,n') Level
Legendre Coefficients

83-Bi-214



94

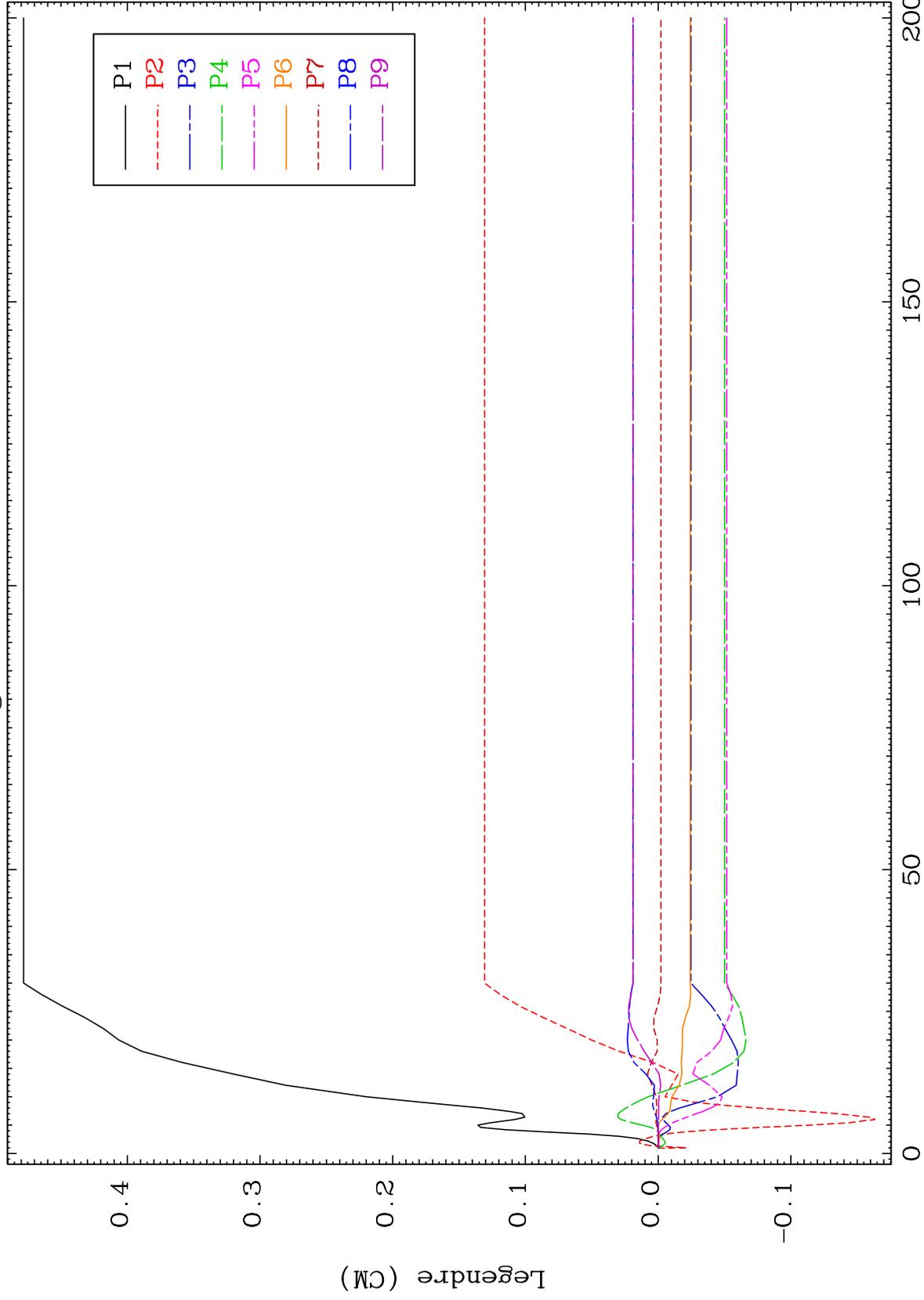
Incident Energy (MeV)

83-Bi-214

MAT 8340

936.5 keV (n,n') Level
Legendre Coefficients

83-Bi-214



96

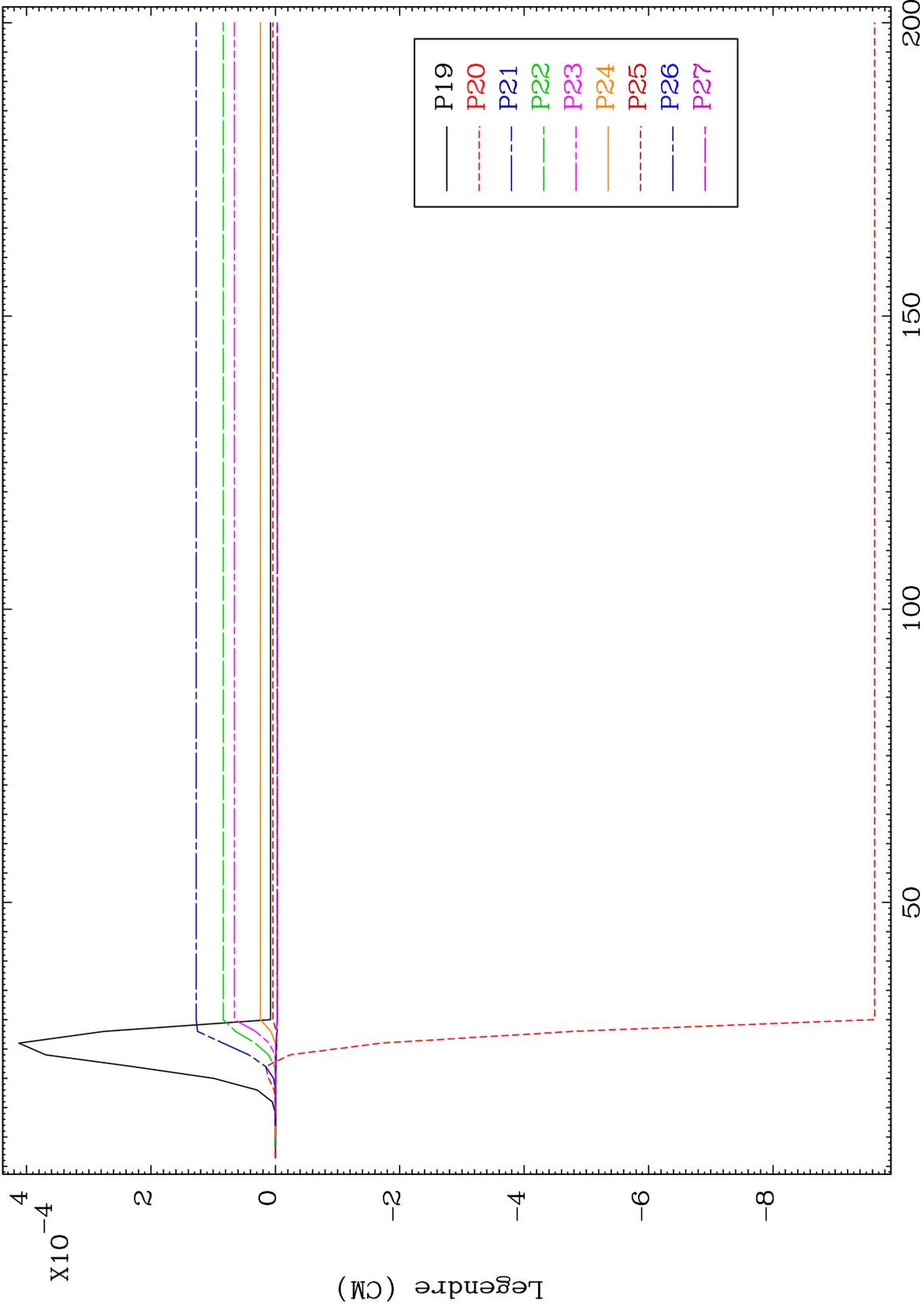
Incident Energy (MeV)

83-Bi-214

MAT 8340

936.5 keV (n,n') Level
Legendre Coefficients

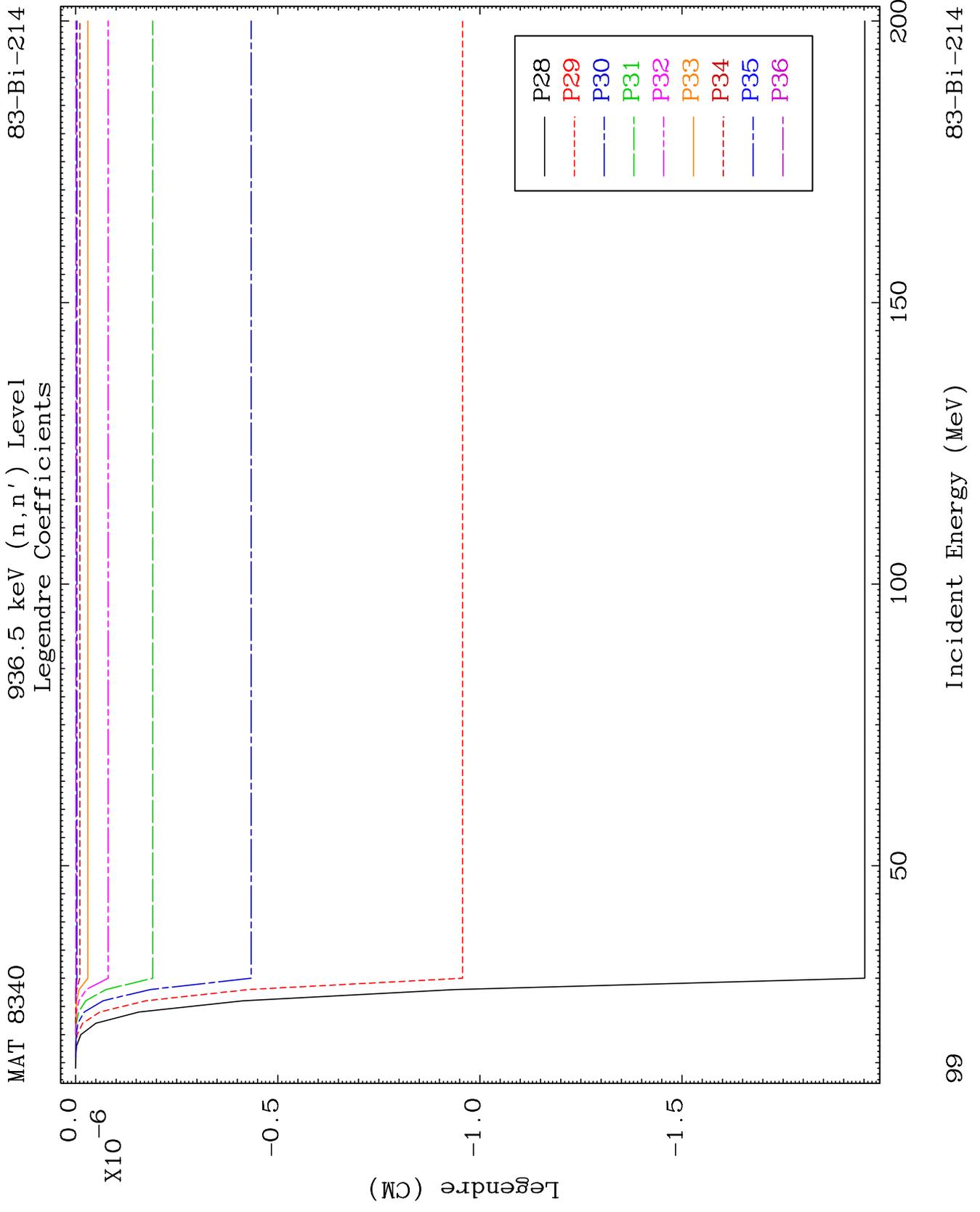
83-Bi-214



98

Incident Energy (MeV)

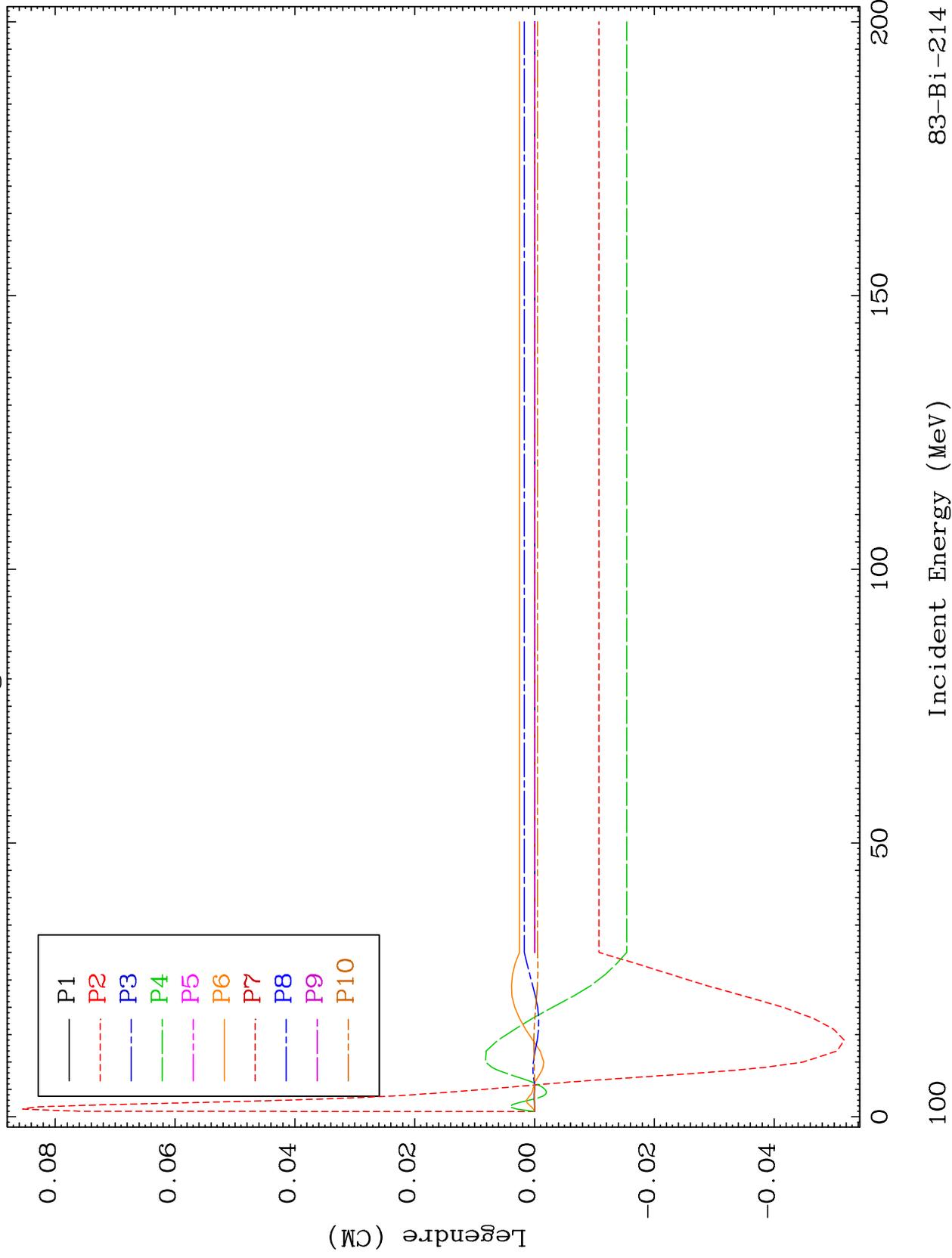
83-Bi-214



MAT 8340

941.6 keV (n,n') Level
Legendre Coefficients

83-Bi-214

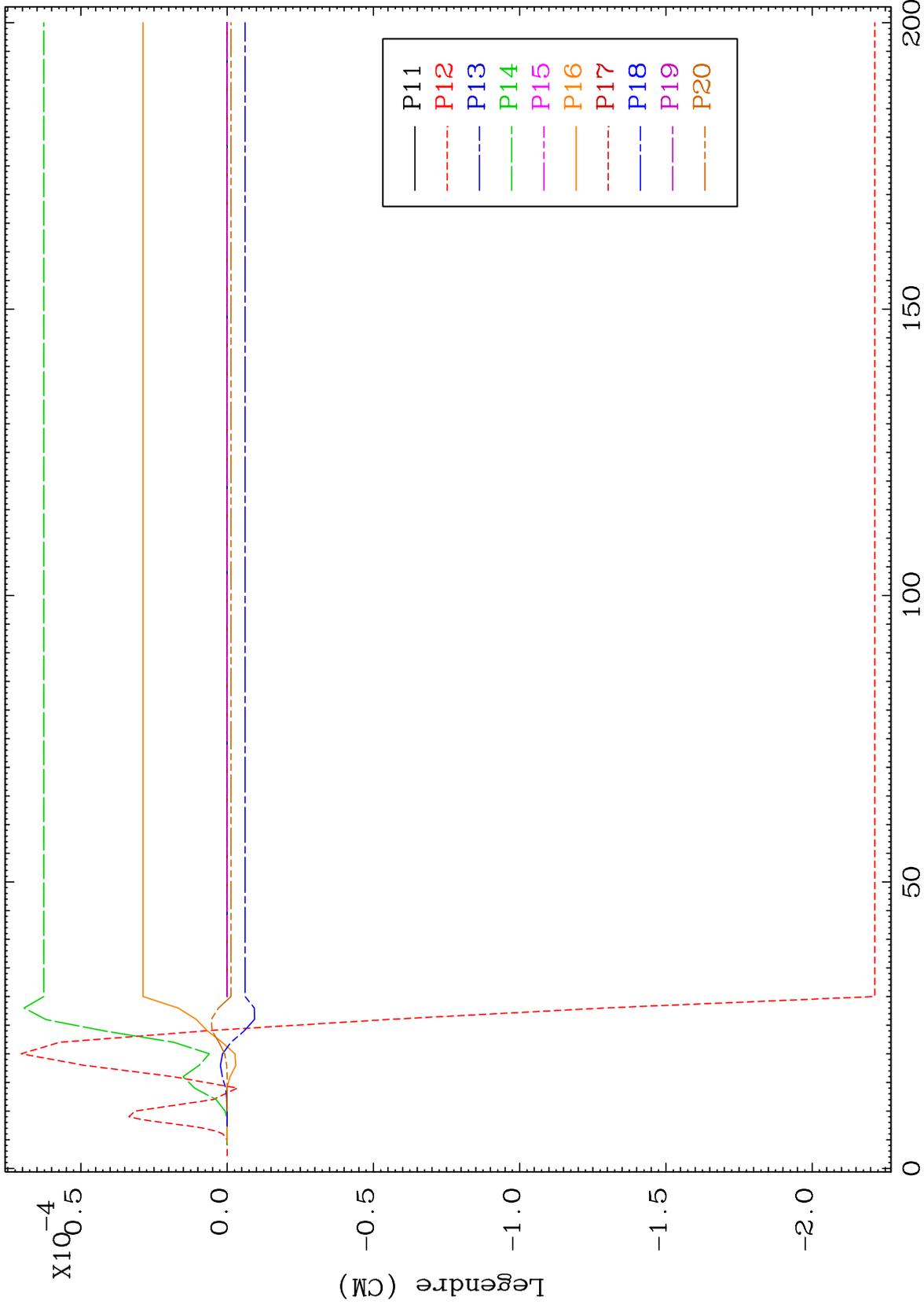


83-Bi-214

MAT 8340

941.6 keV (n,n') Level
Legendre Coefficients

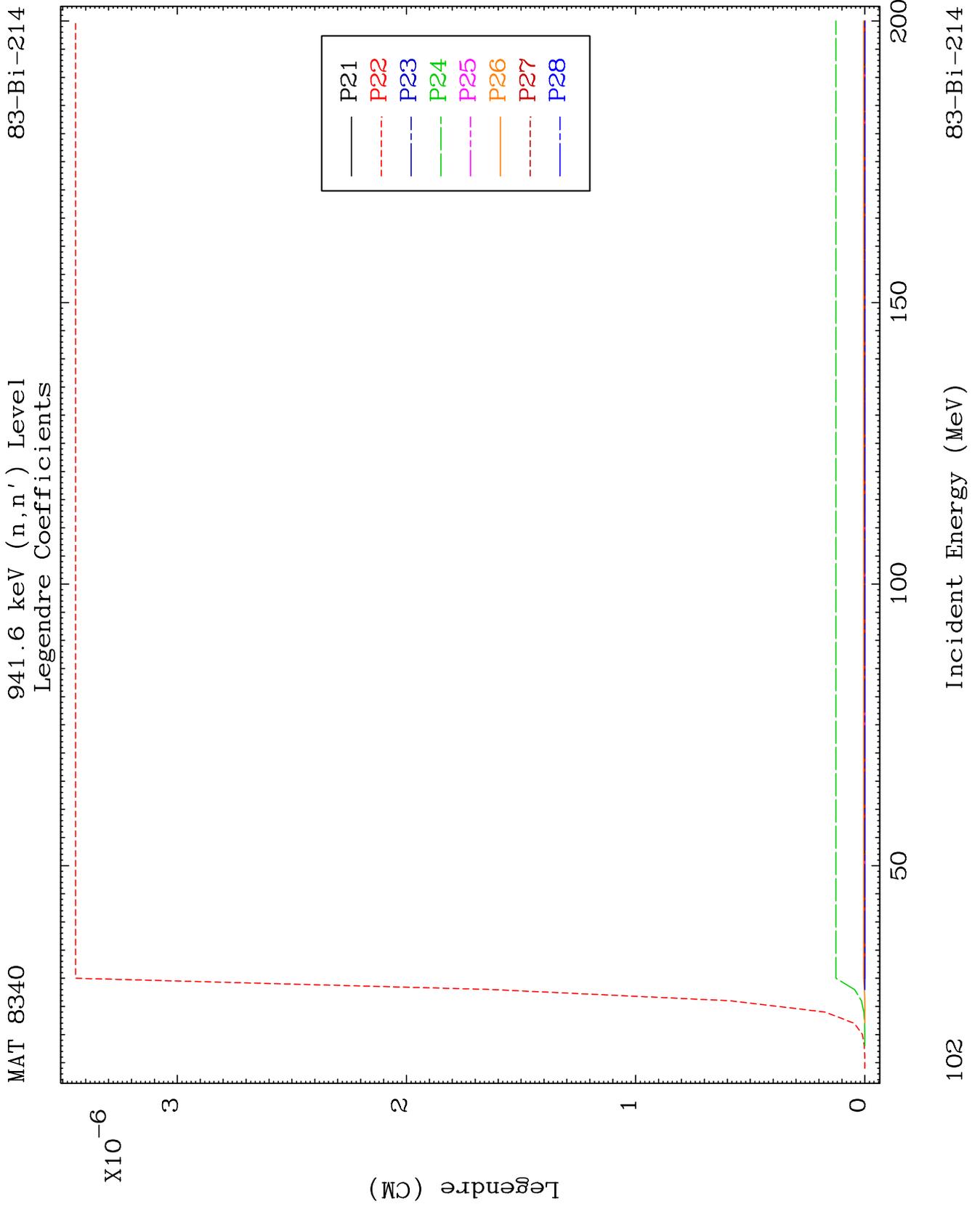
83-Bi-214



101

Incident Energy (MeV)

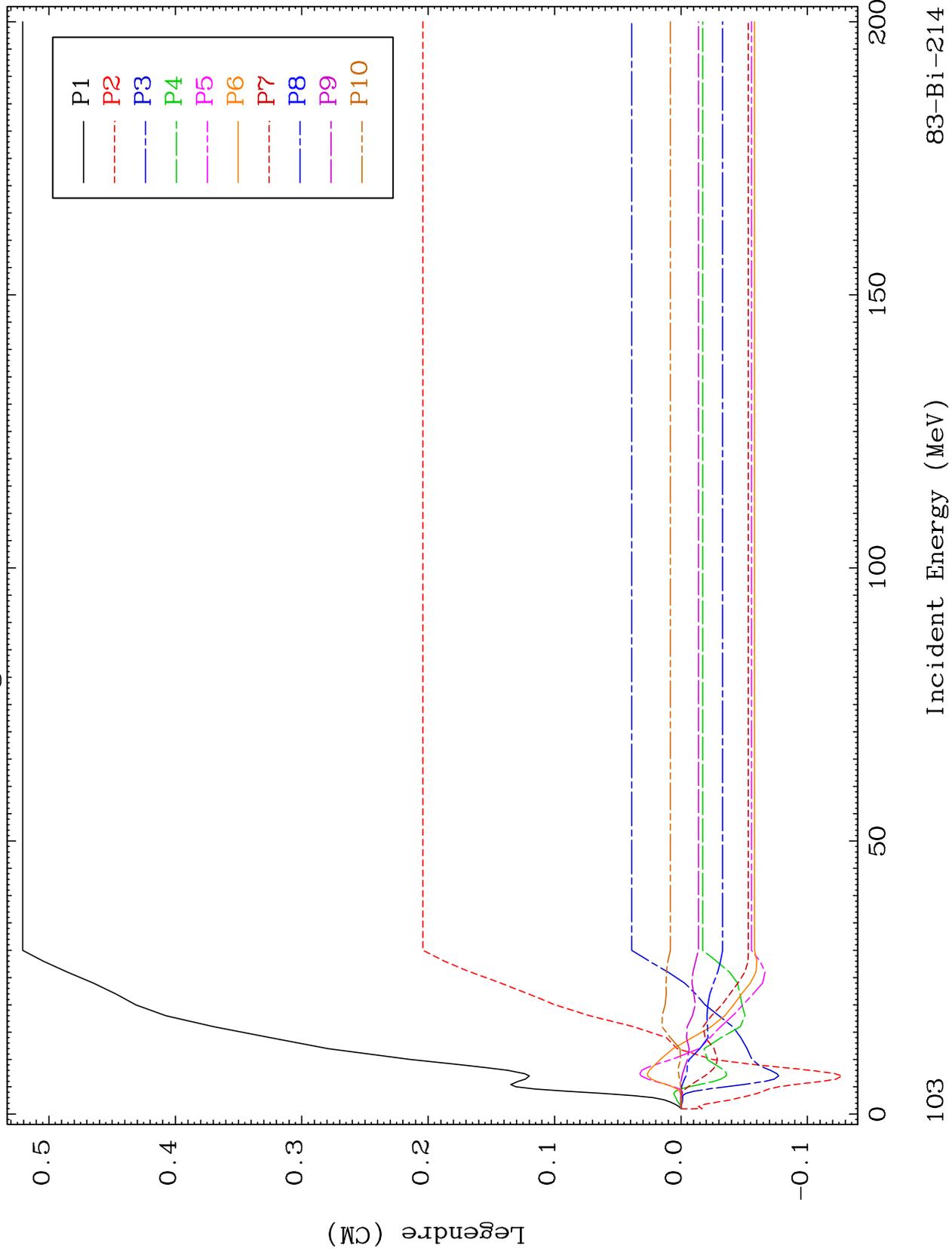
83-Bi-214



MAT 8340

944.5 keV (n,n') Level
Legendre Coefficients

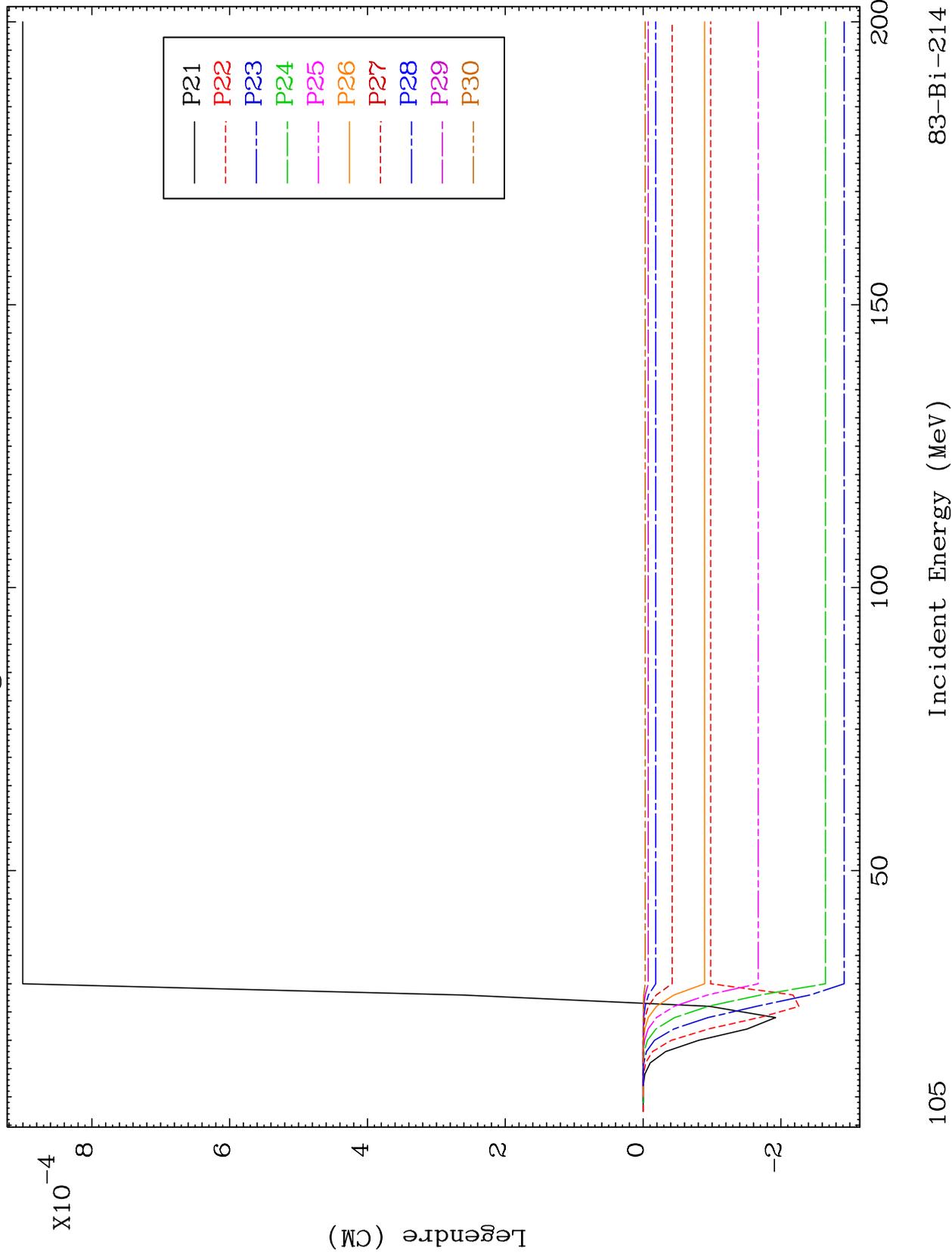
83-Bi-214



MAT 8340

944.5 keV (n,n') Level
Legendre Coefficients

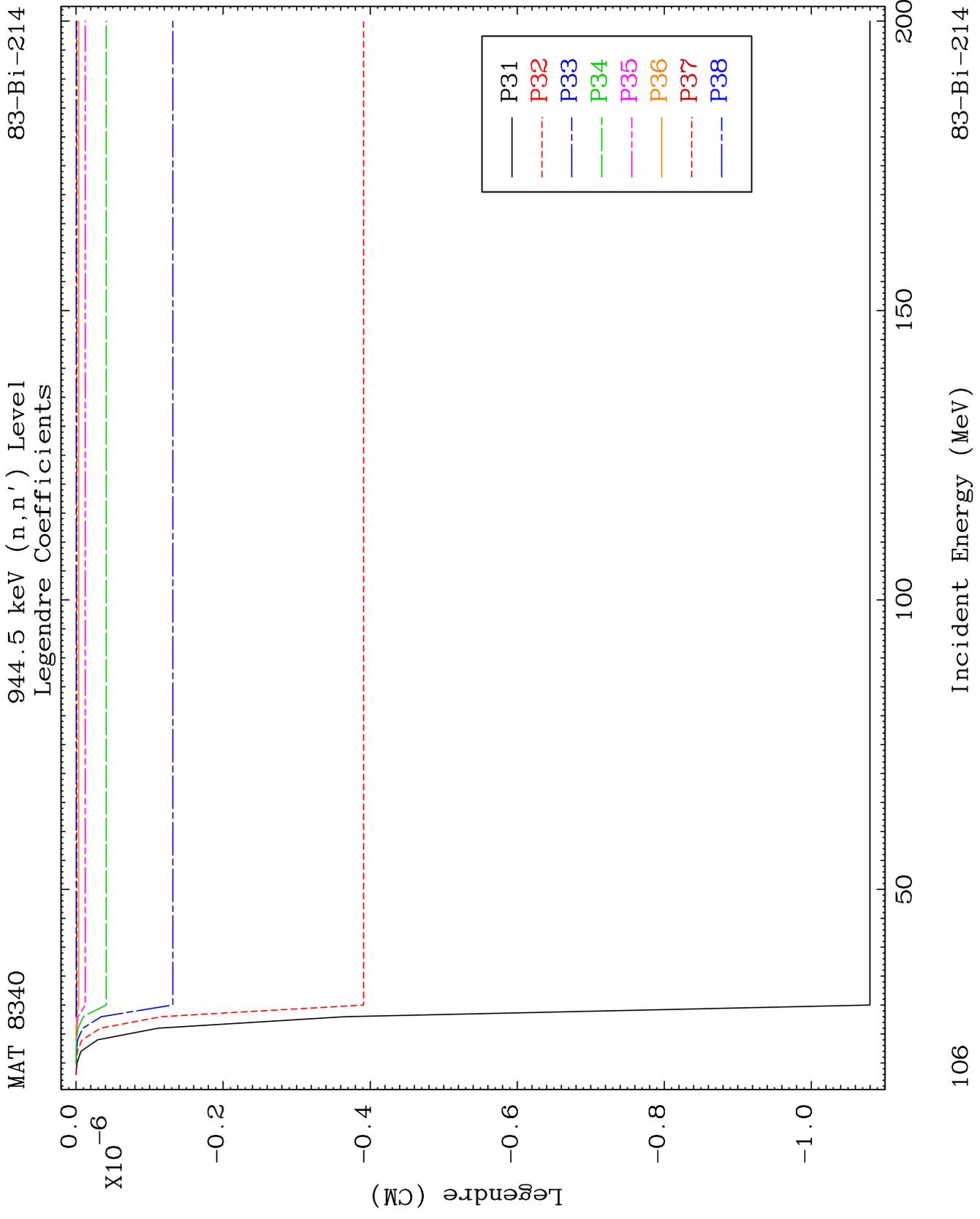
83-Bi-214



105

Incident Energy (MeV)

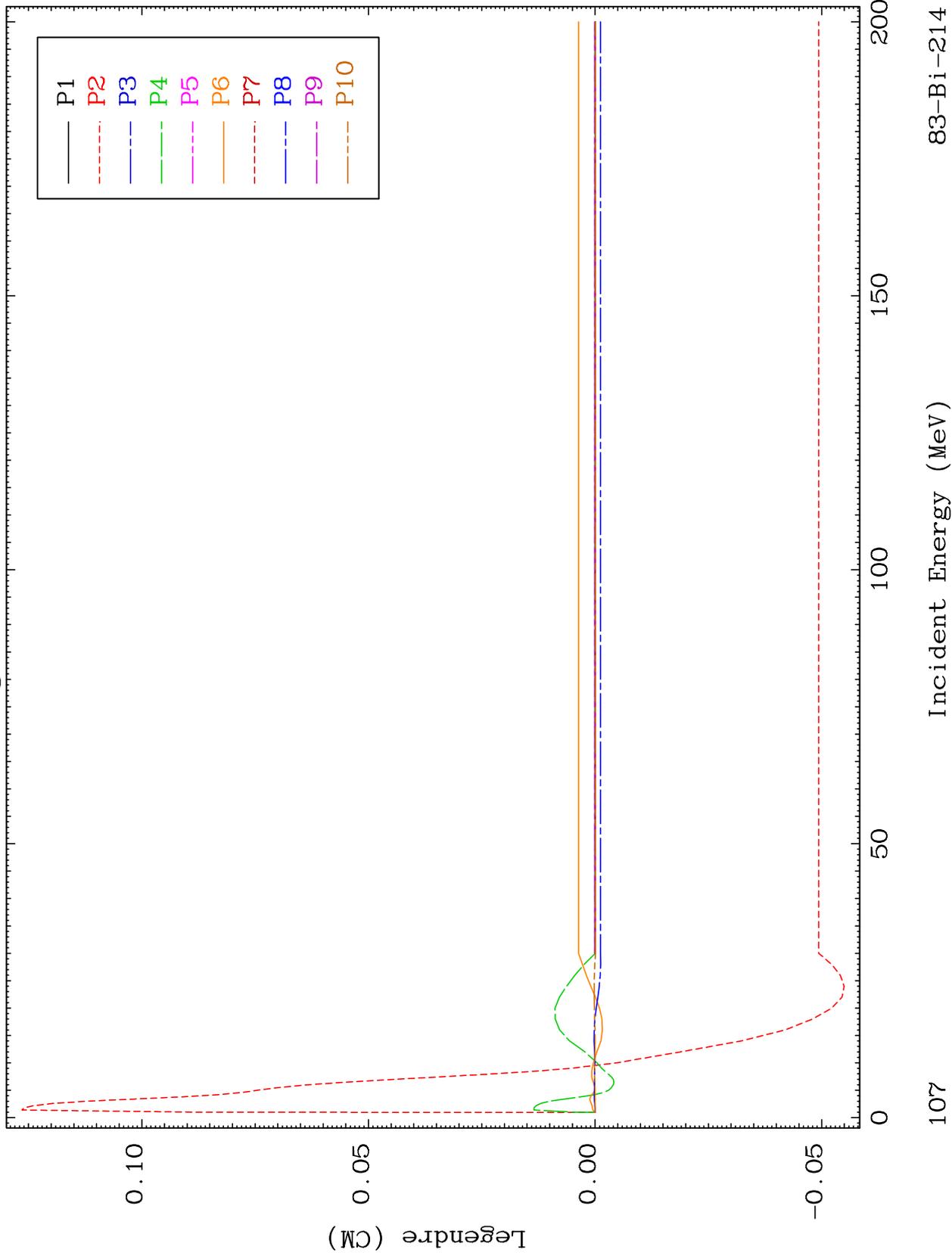
83-Bi-214



MAT 8340

946.4 keV (n,n') Level
Legendre Coefficients

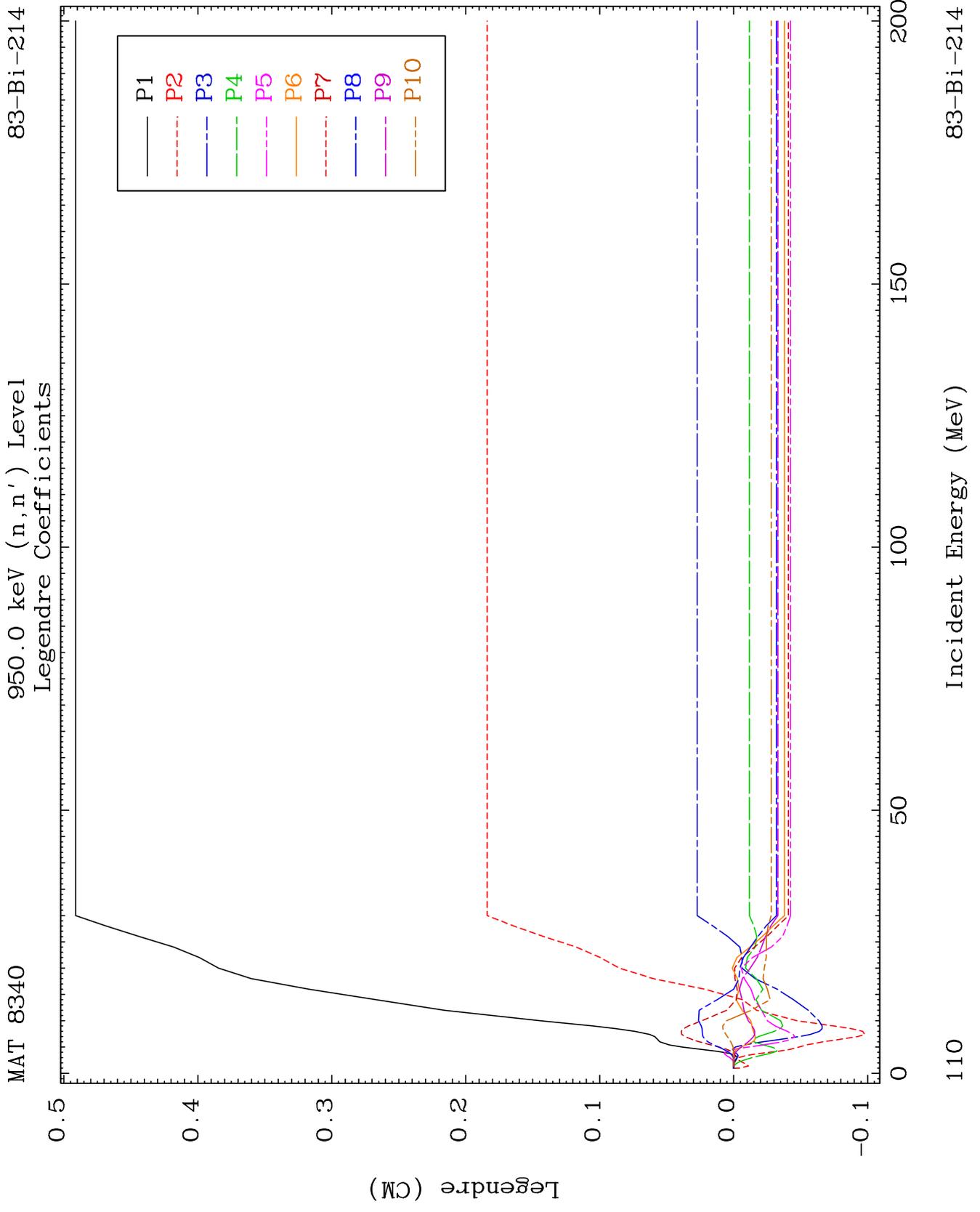
83-Bi-214



83-Bi-214

Incident Energy (MeV)

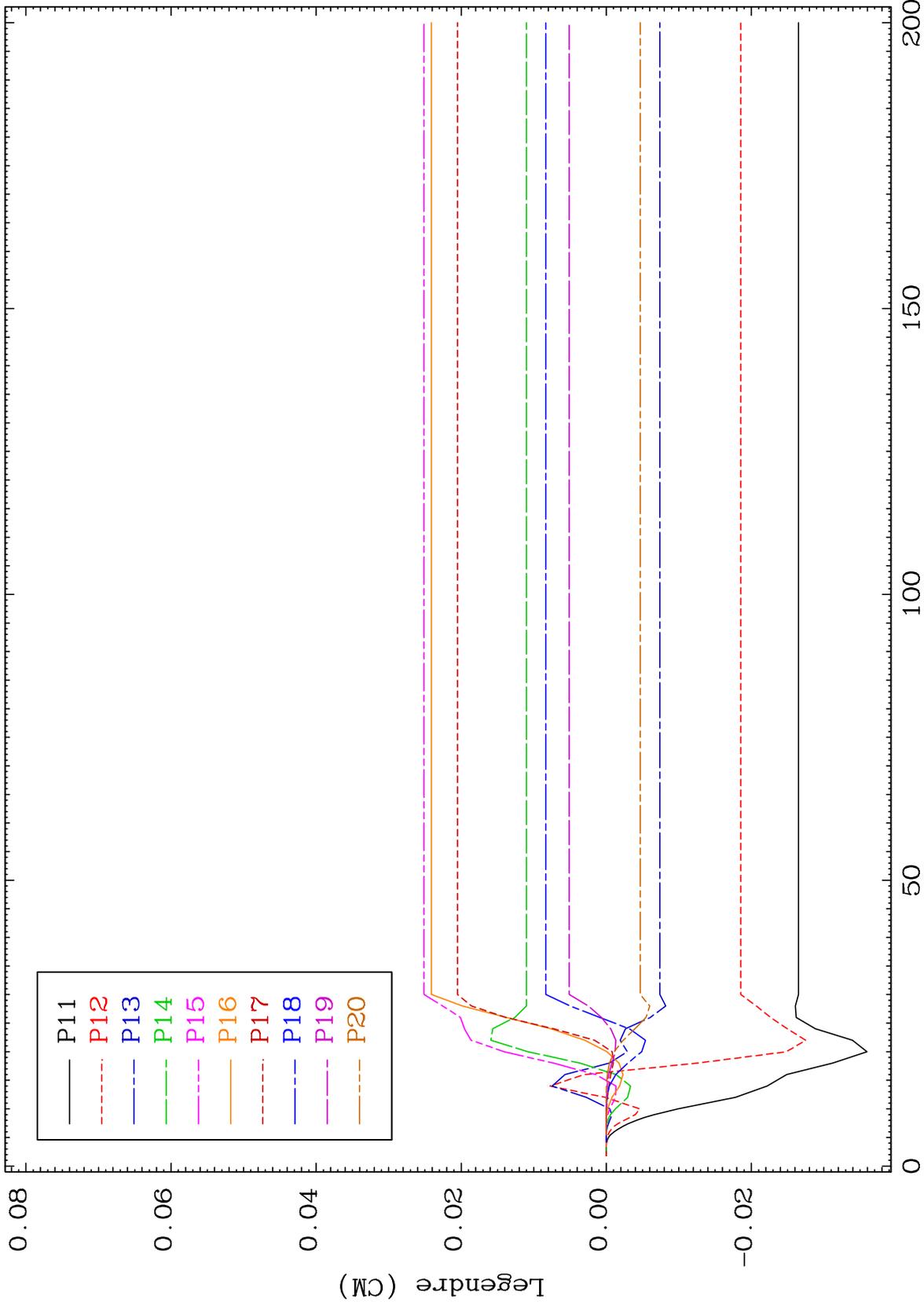
107



MAT 8340

950.0 keV (n,n') Level
Legendre Coefficients

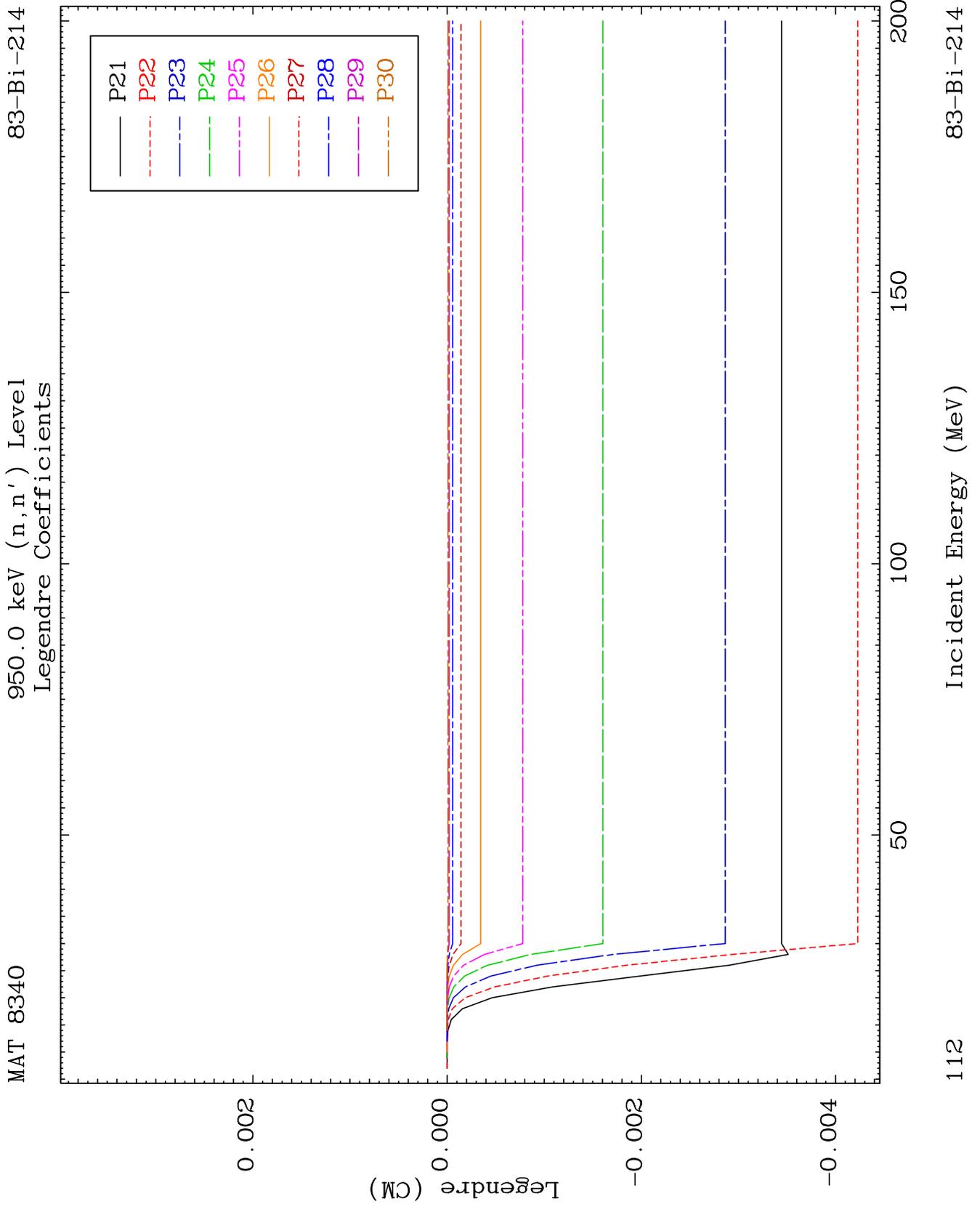
83-Bi-214

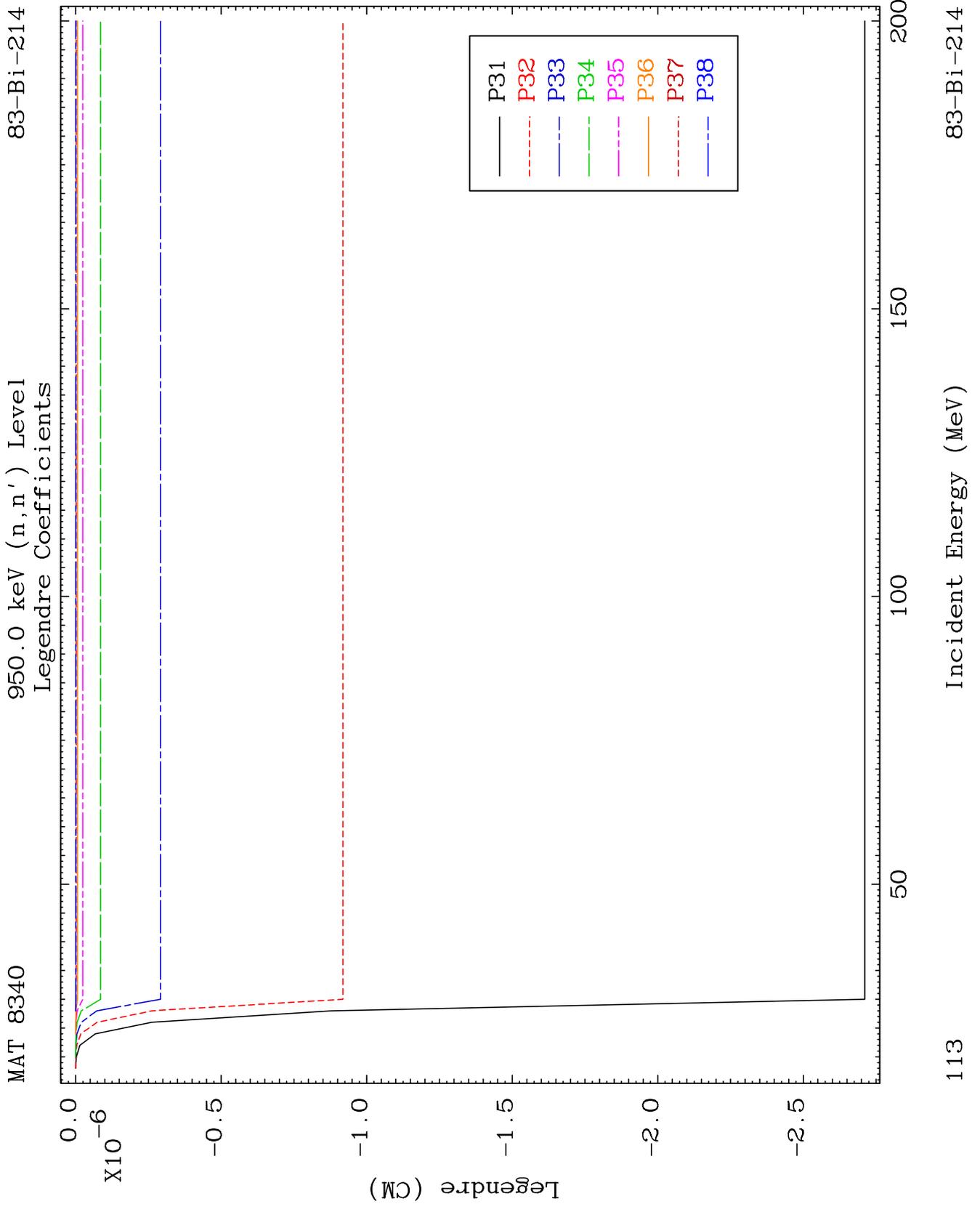


111

Incident Energy (MeV)

83-Bi-214

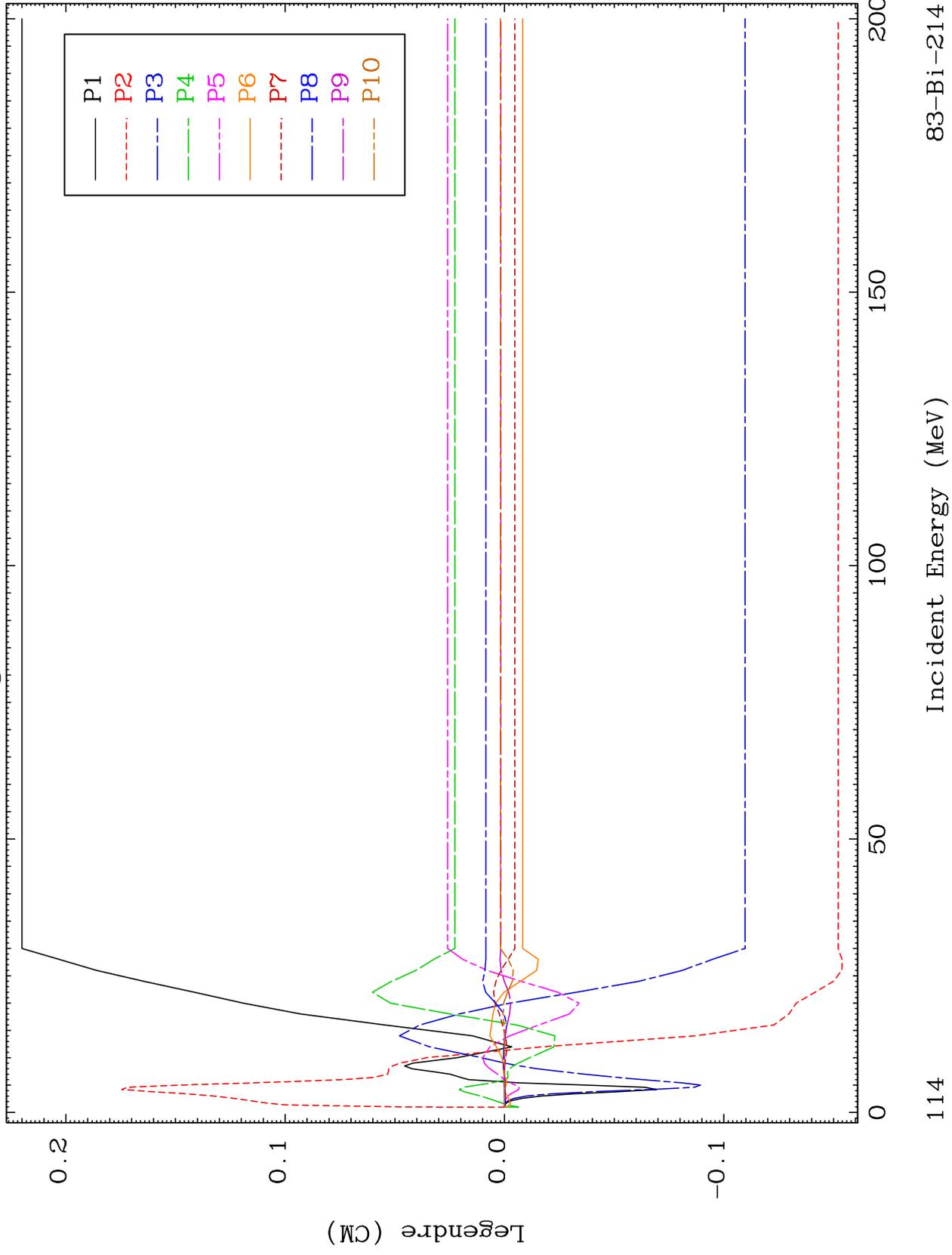




MAT 8340

953.1 keV (n,n') Level
Legendre Coefficients

83-Bi-214



114

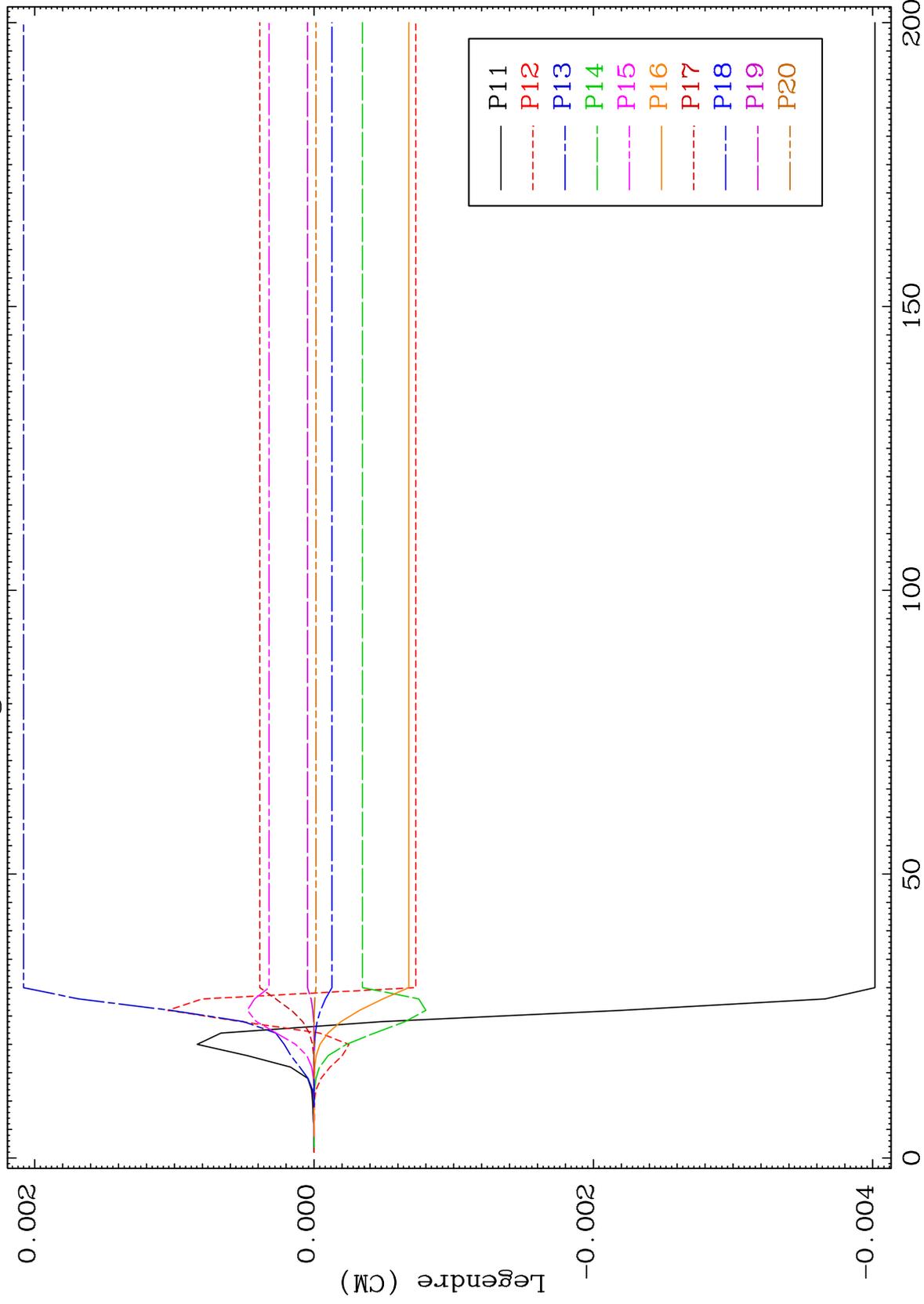
Incident Energy (MeV)

83-Bi-214

MAT 8340

953.1 keV (n,n') Level
Legendre Coefficients

83-Bi-214



115

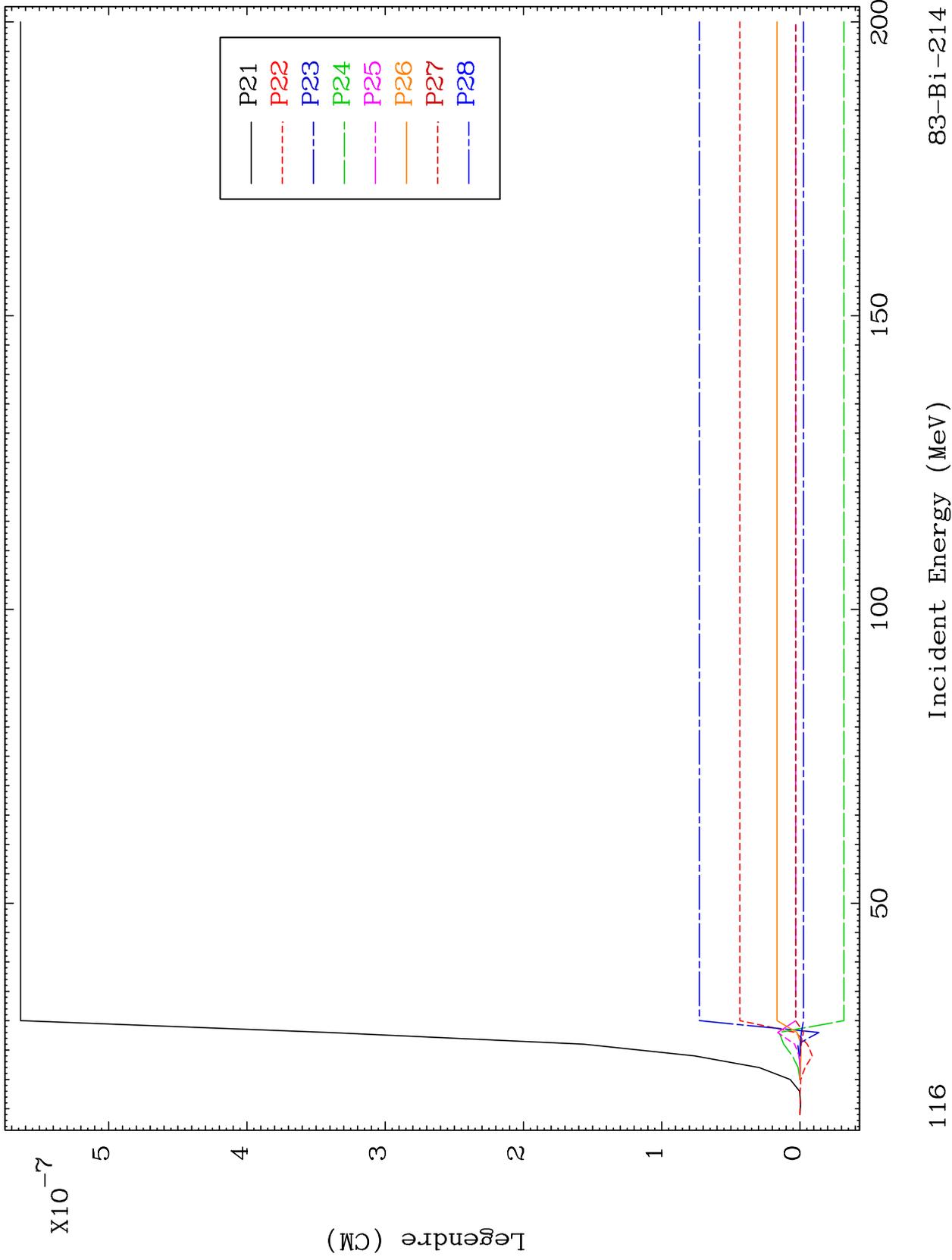
Incident Energy (MeV)

83-Bi-214

MAT 8340

953.1 keV (n,n') Level
Legendre Coefficients

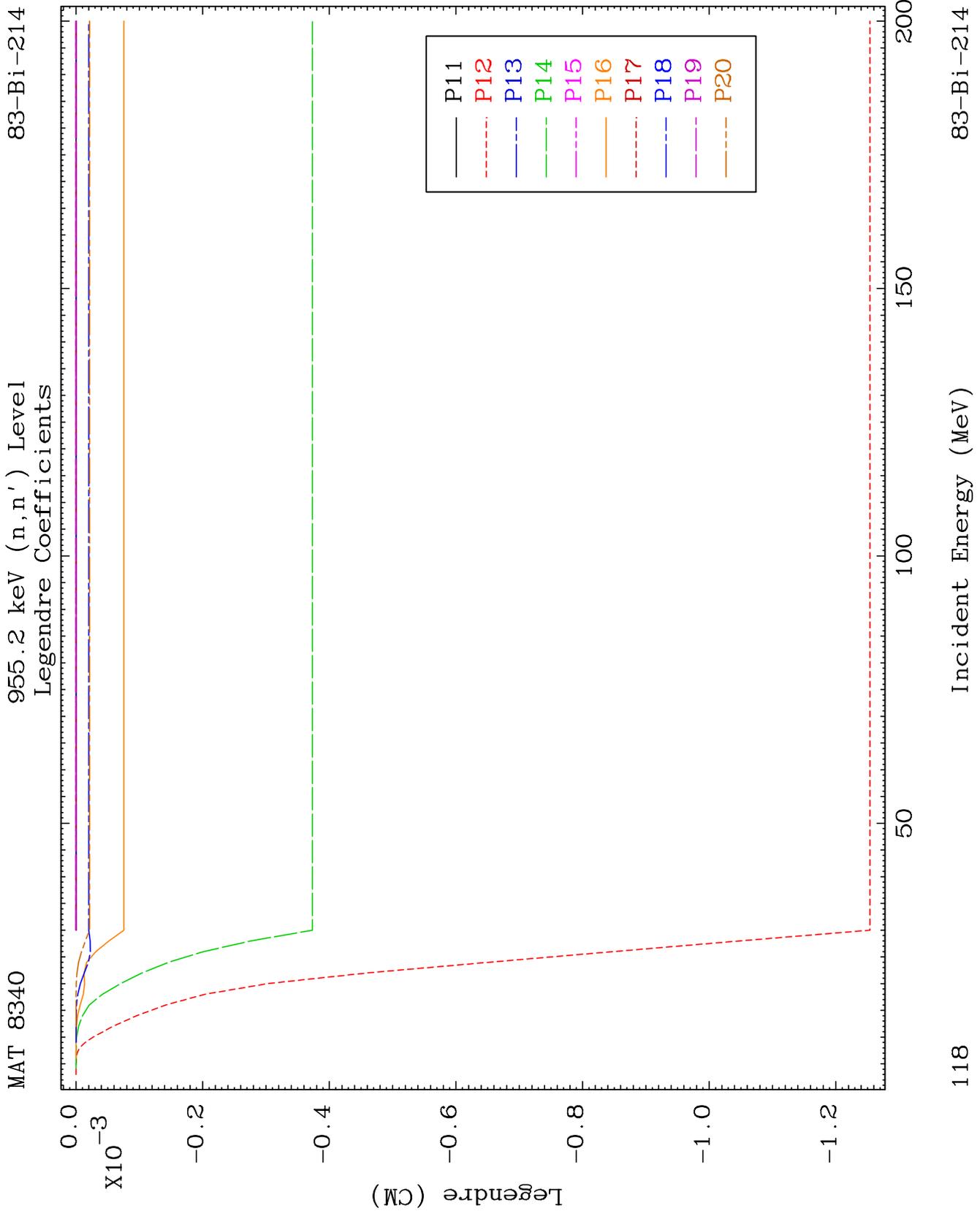
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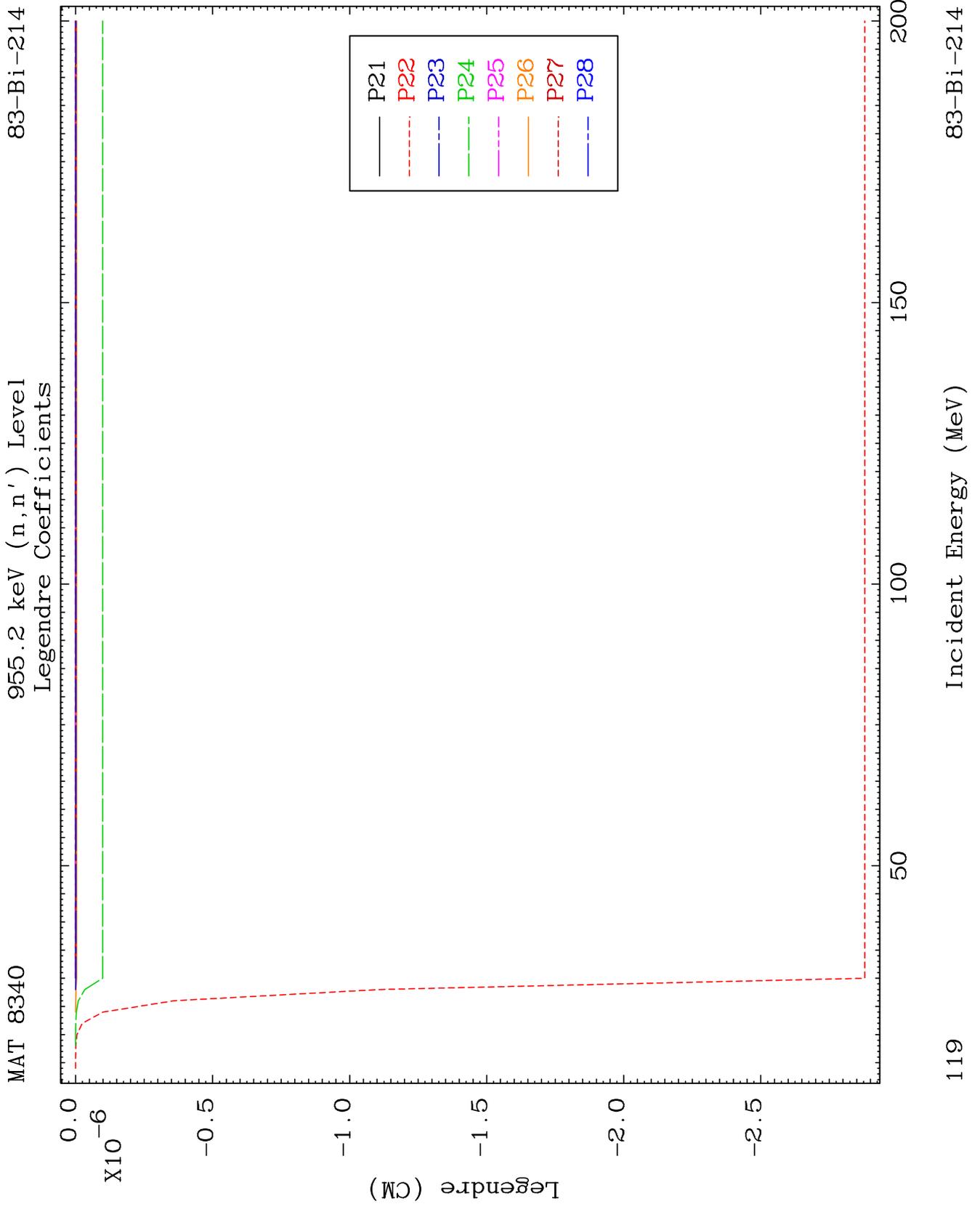


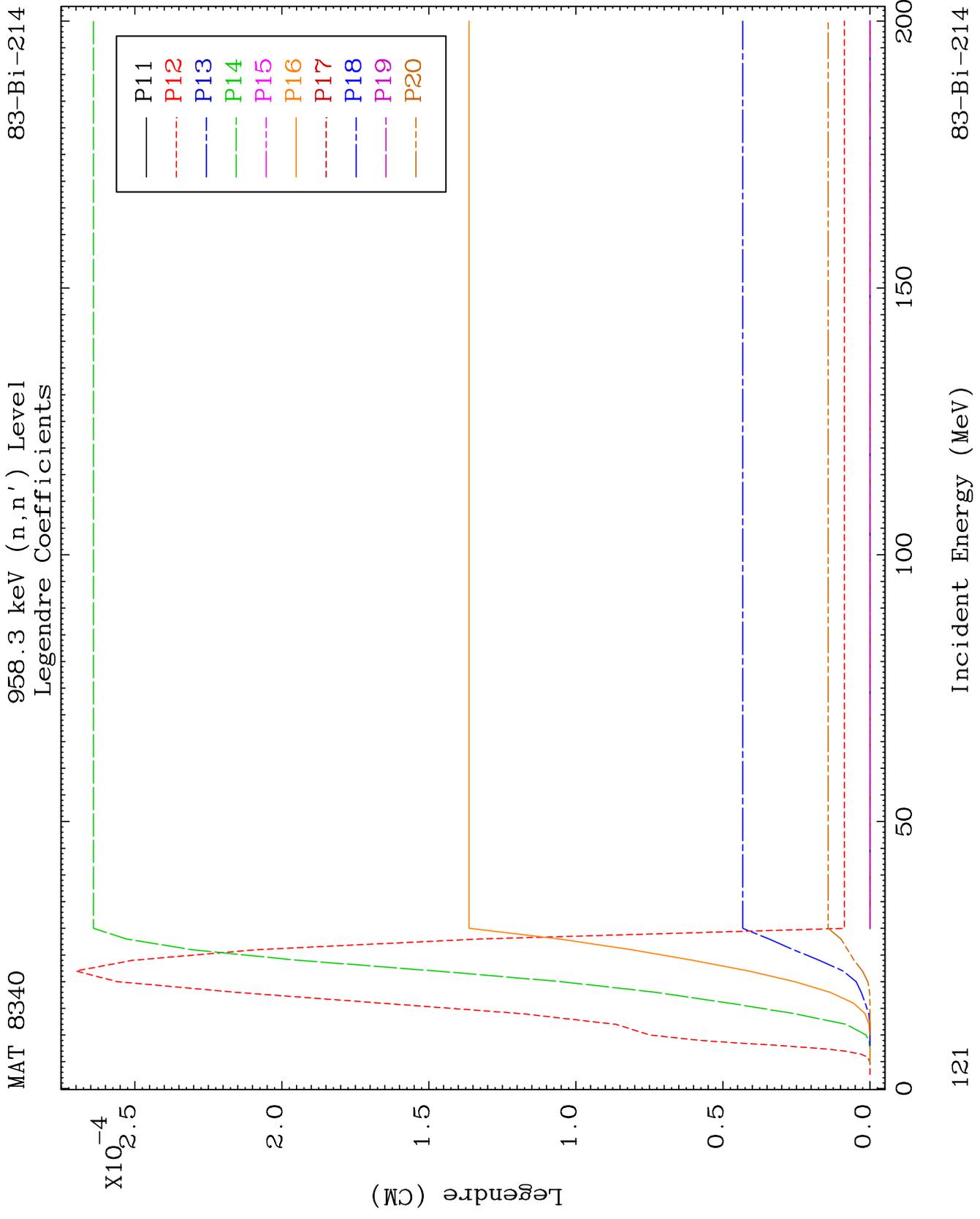
116

Incident Energy (MeV)

83-Bi-214



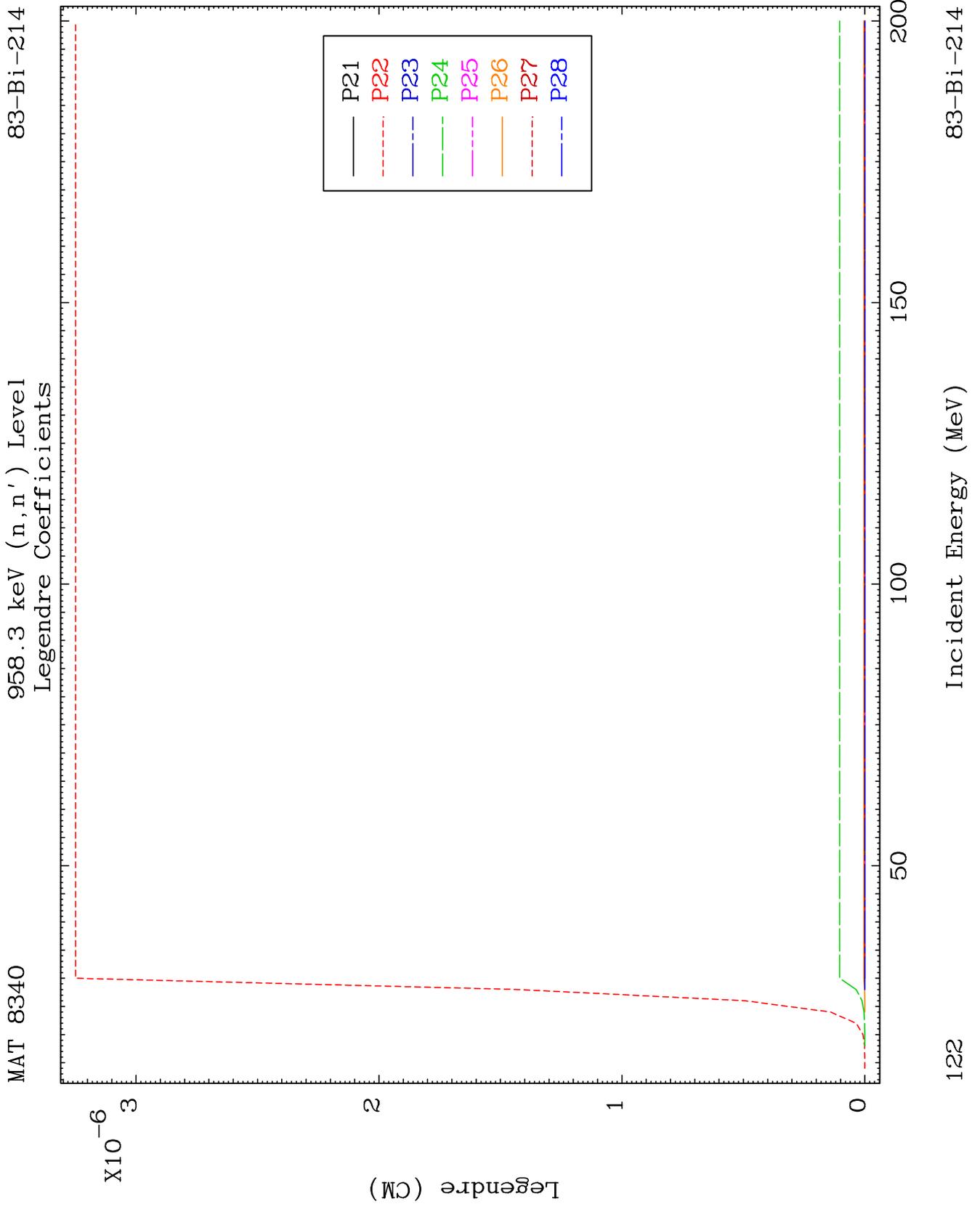




83-Bi-214

Incident Energy (MeV)

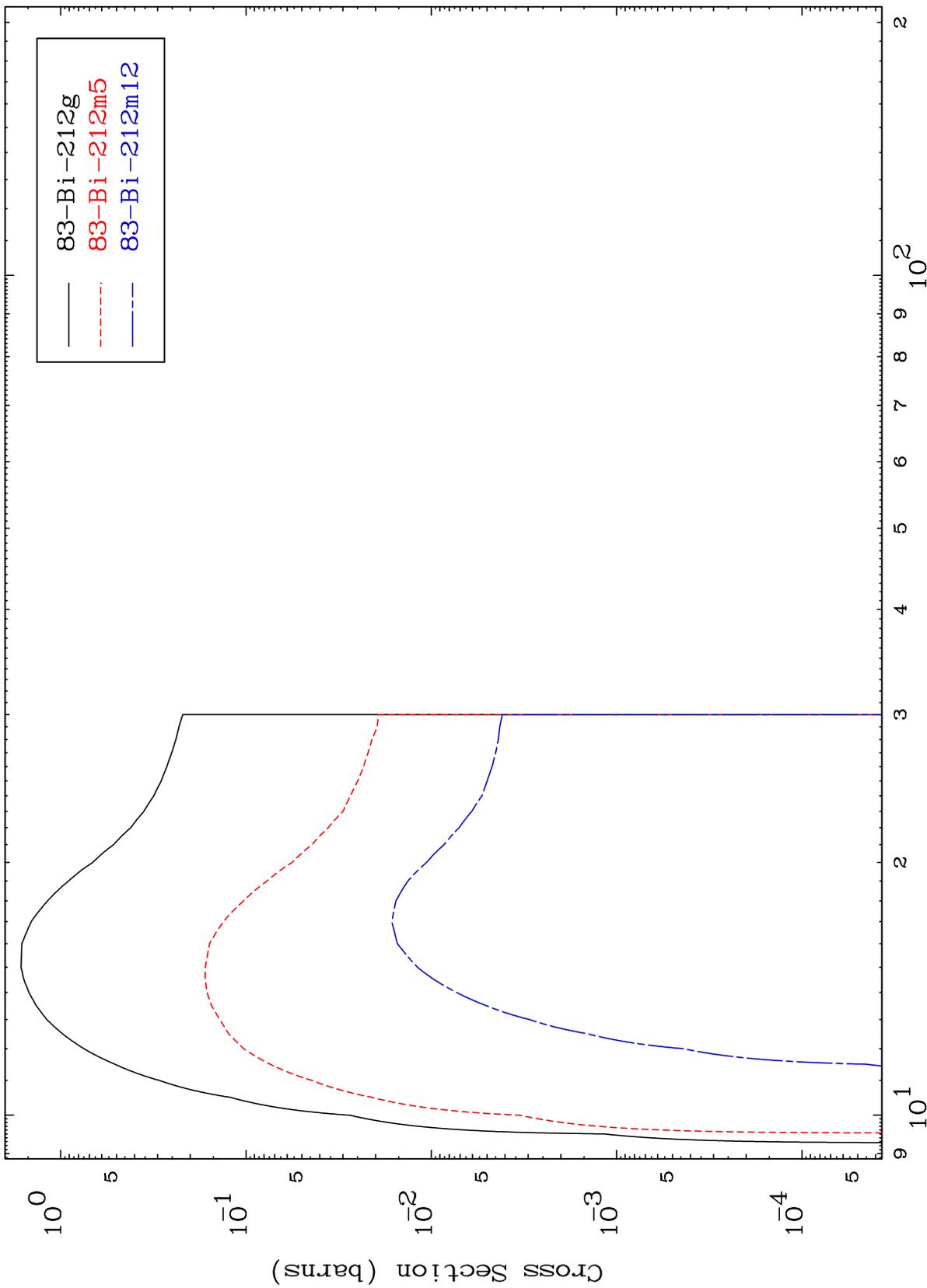
121



MAT 8340

83-Bi-214

(n,3n)
Radionuclide Production Cross Section



83-Bi-214

Incident Energy (MeV)

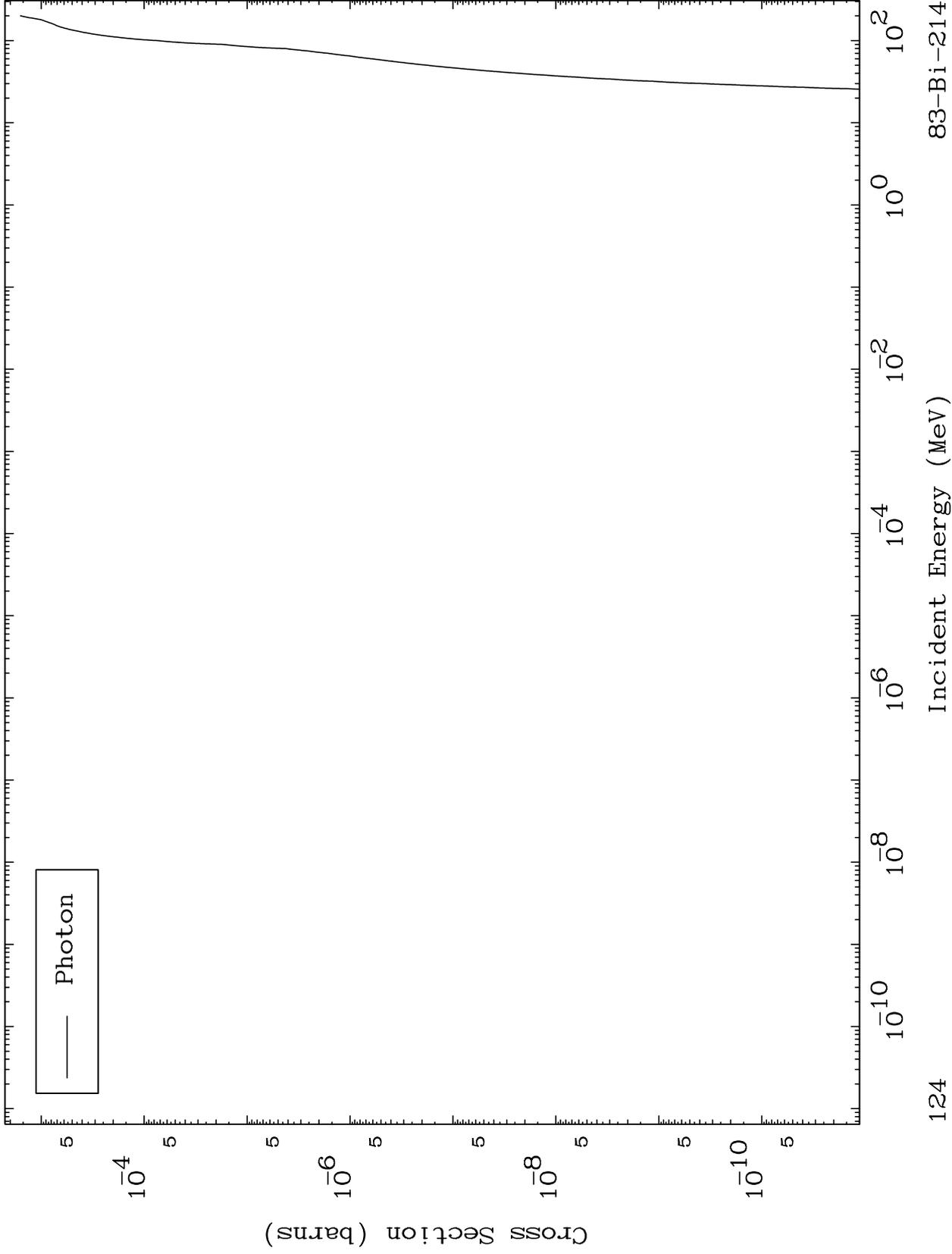
123

MAT 8340

Fission

83-Bi-214

Radionuclide Production Cross Section



124

83-Bi-214

MAT 8340

83-Bi-214

(n, γ)
Radionuclide Production Cross Section

