

Program EVALPLOT
(Version 2015-2)

by

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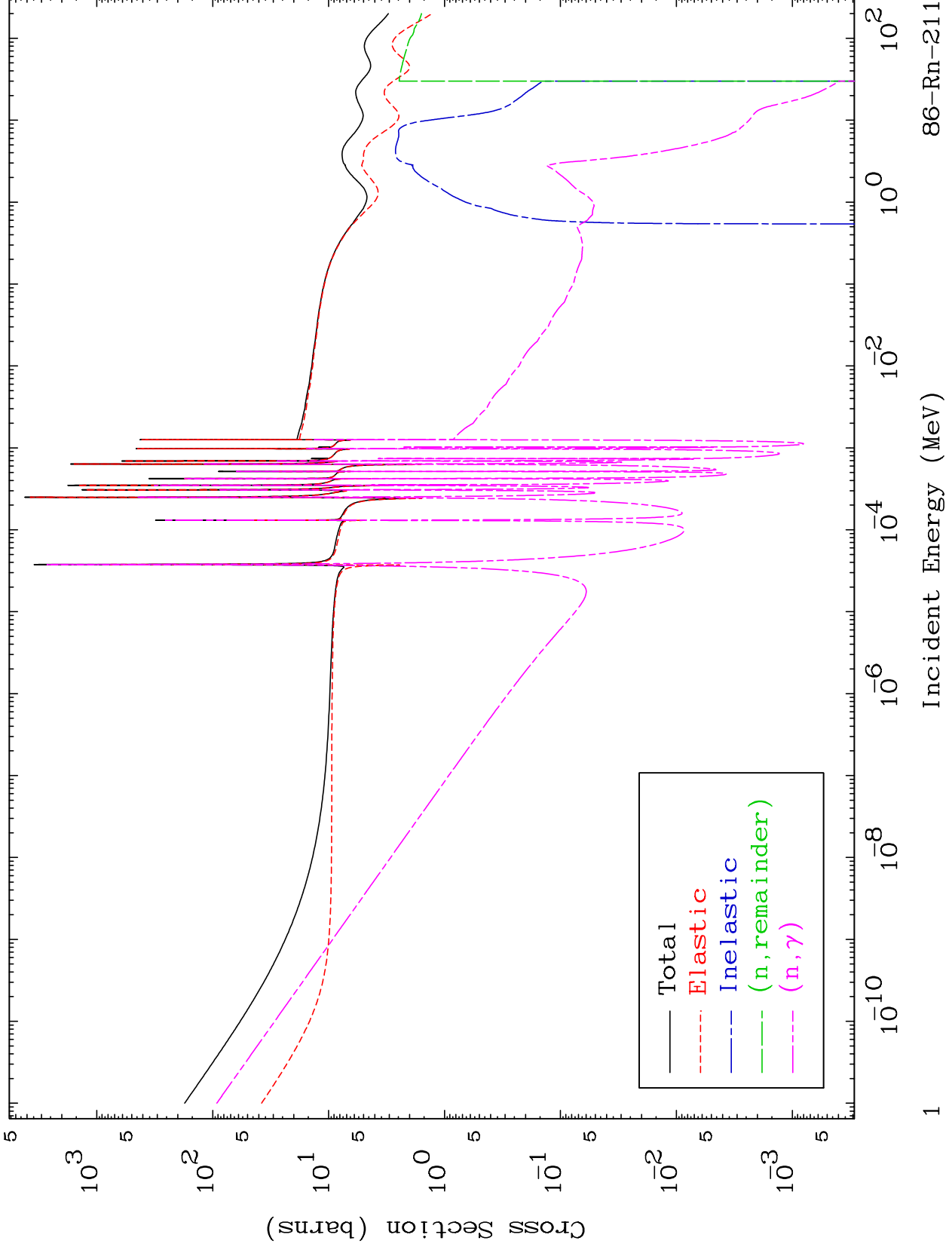
Press Mouse Button to Start

MAT 8625

Major

293 Kelvin Cross Sections

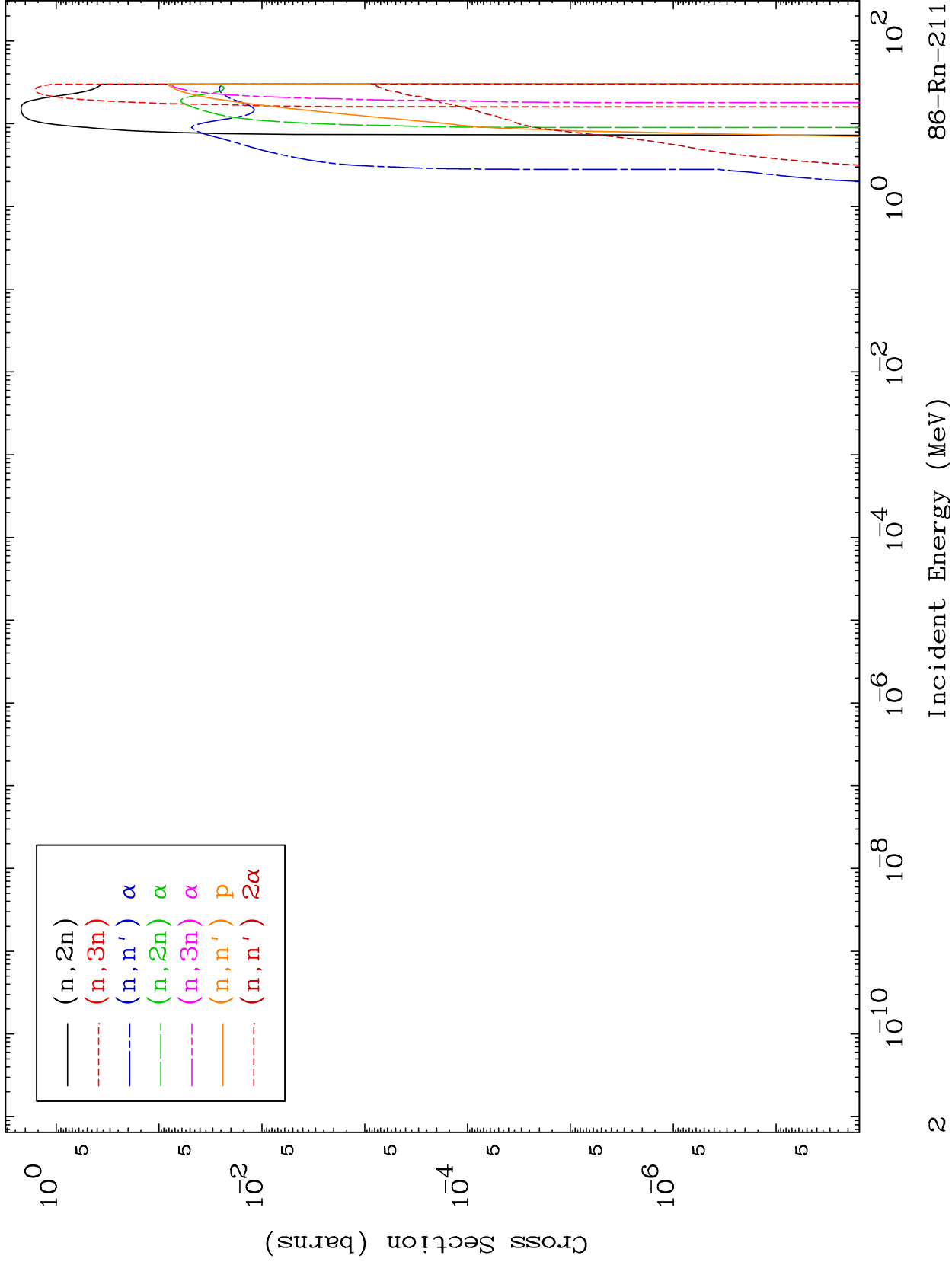
86-Rn-211



MAT 8625

Neutron Production
293 Kelvin Cross Sections

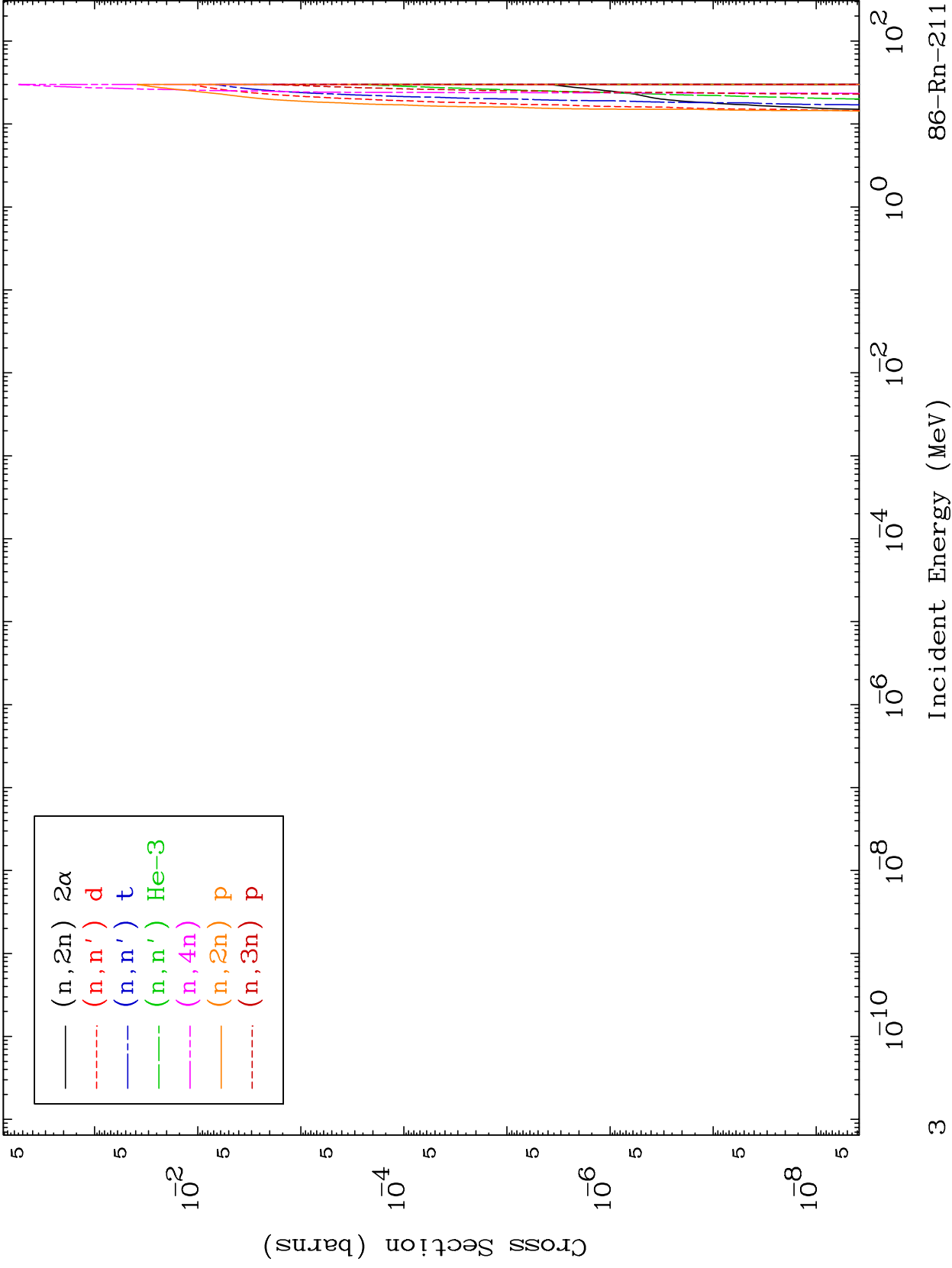
86-Rn-211



MAT 8625

Neutron Production
293 Kelvin Cross Sections

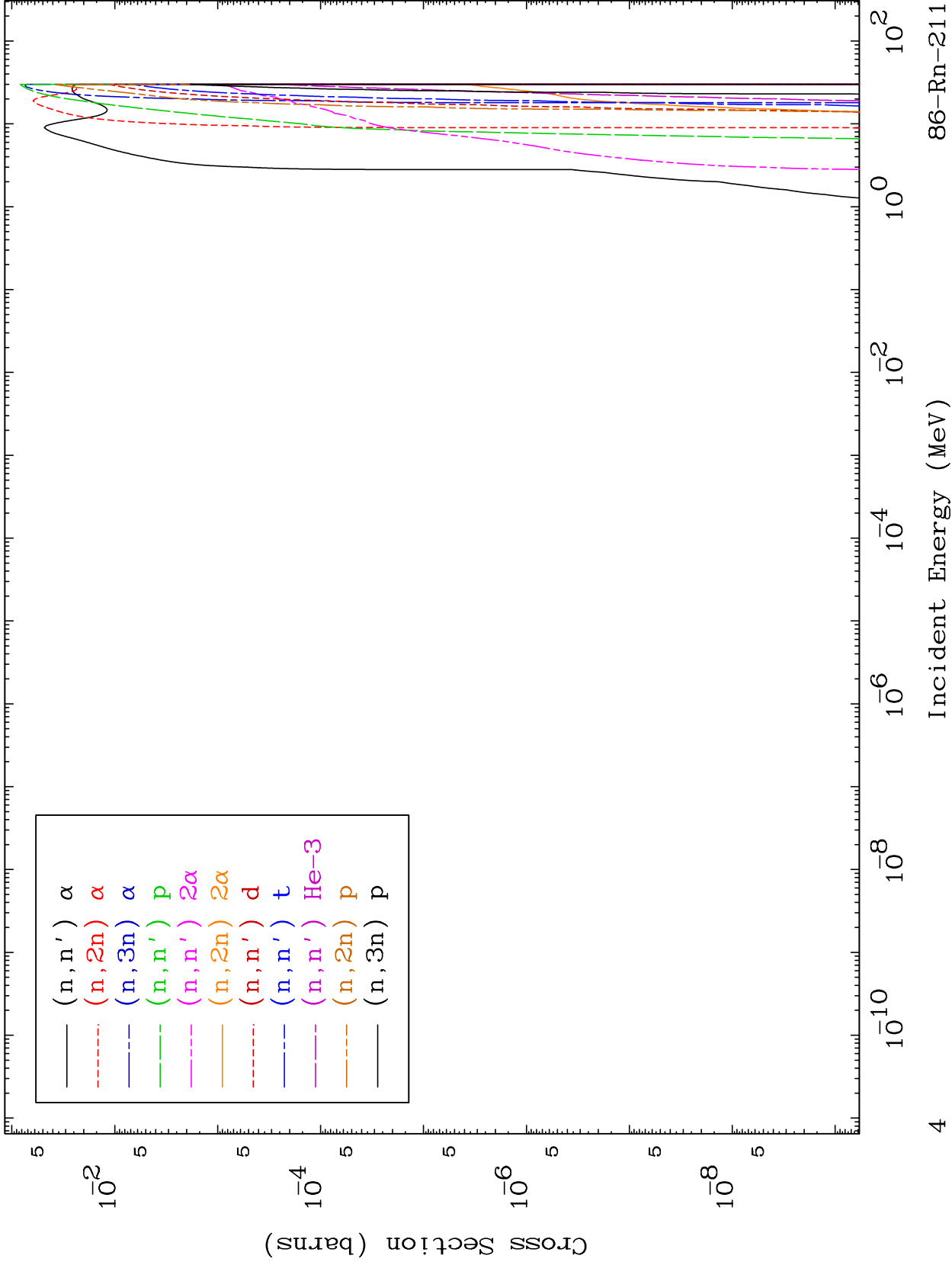
86-Rn-211

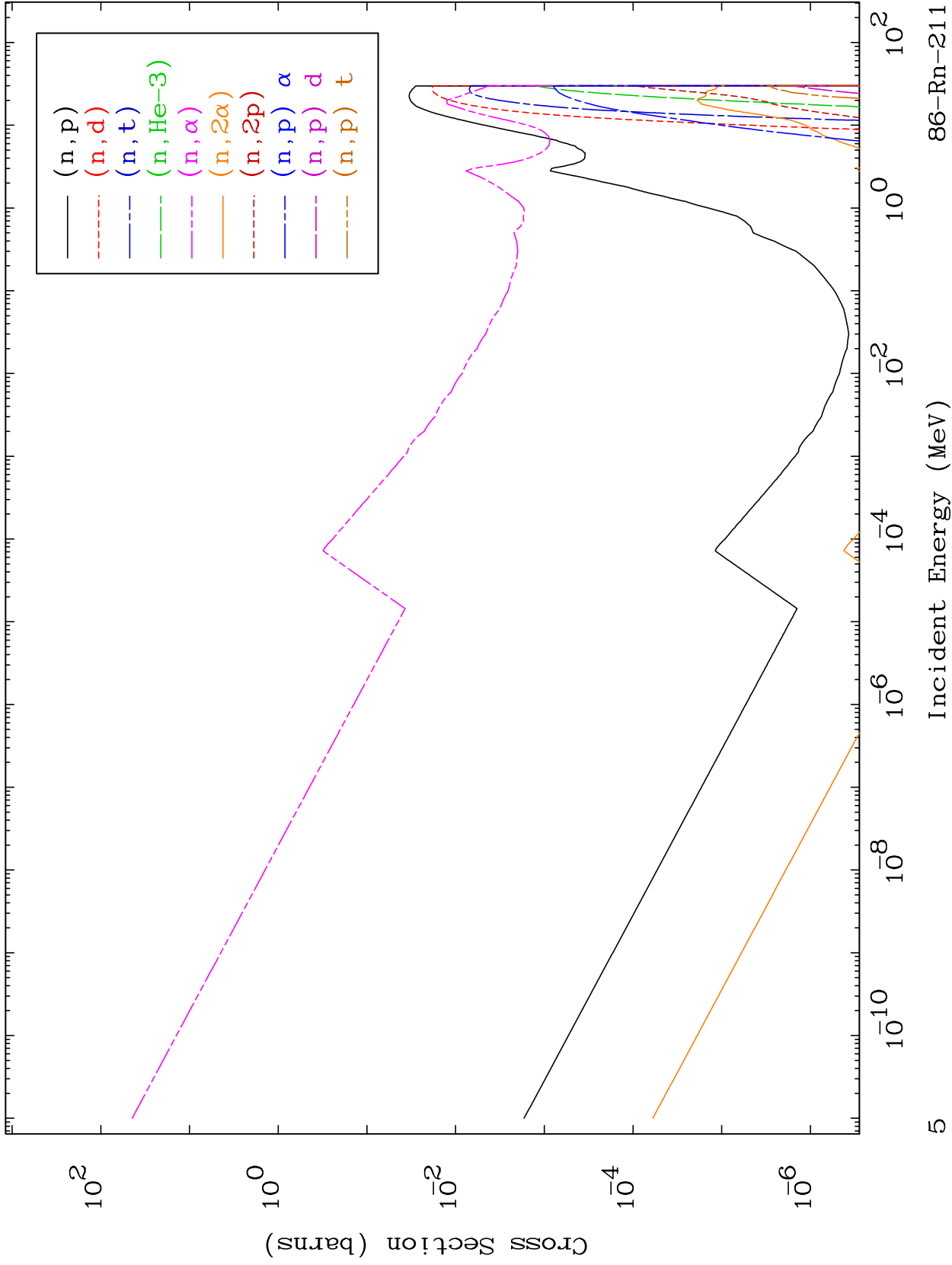


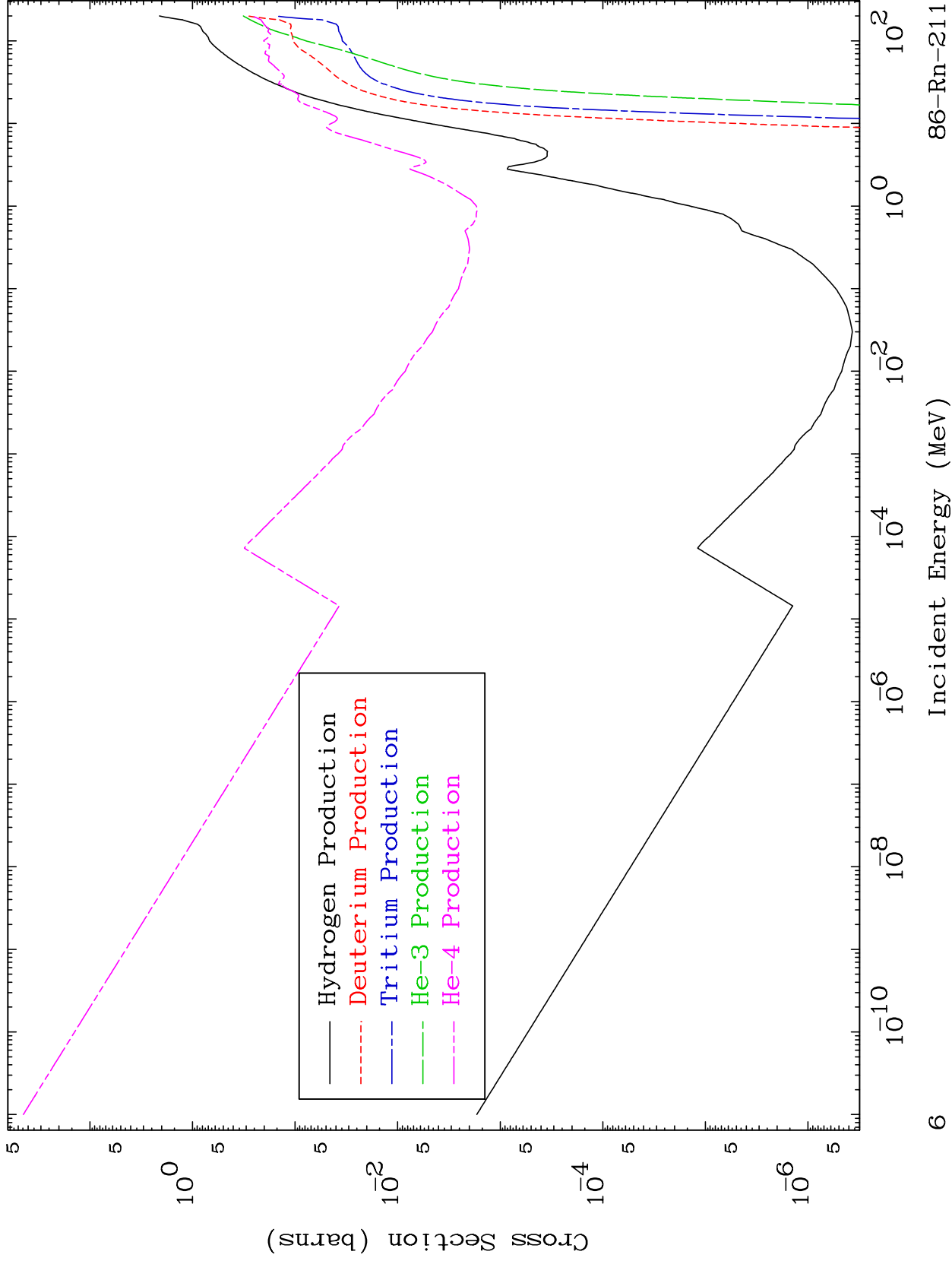
MAT 8625

Charged Particle
293 Kelvin Cross Sections

86-Rn-211



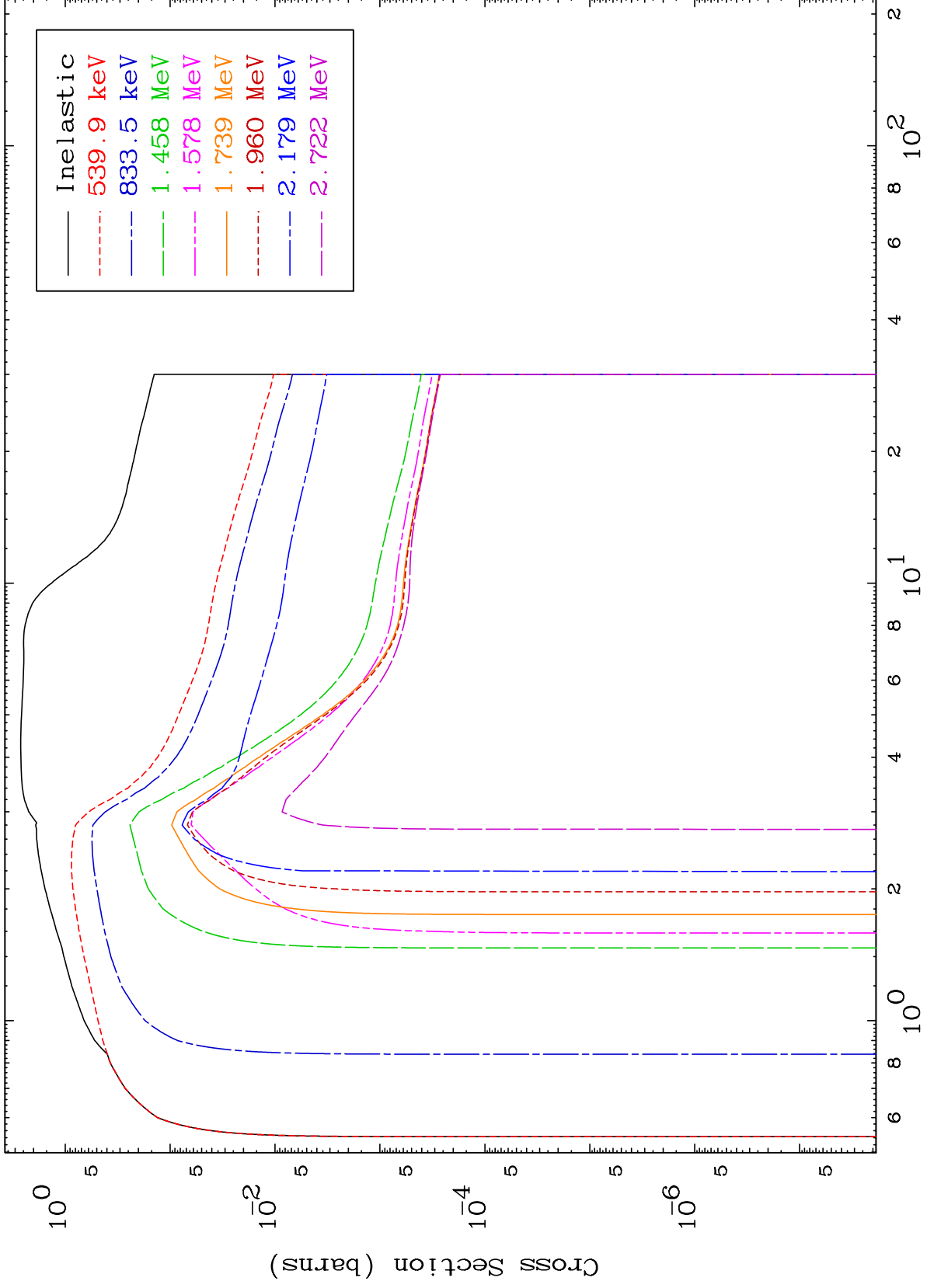




MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



7

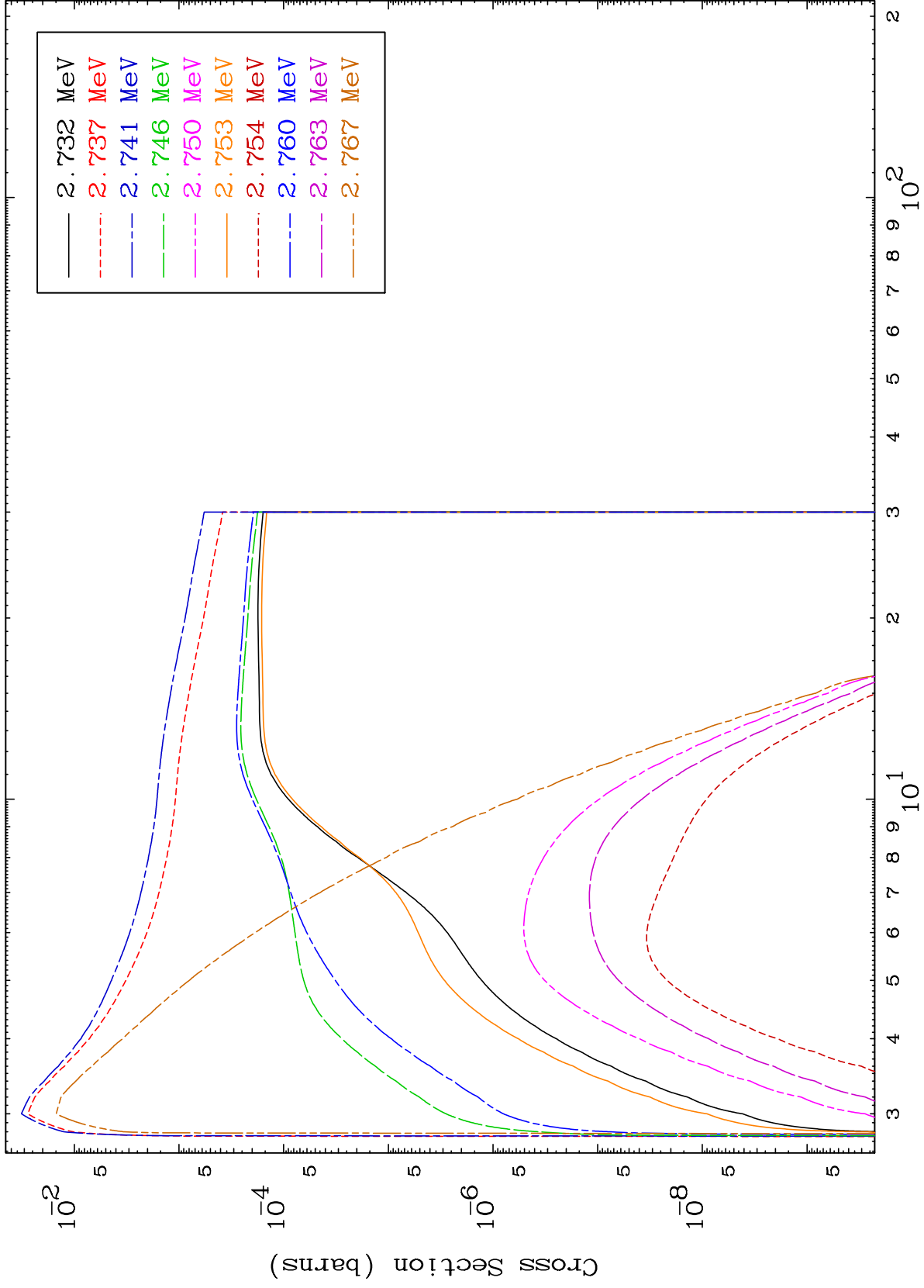
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



8

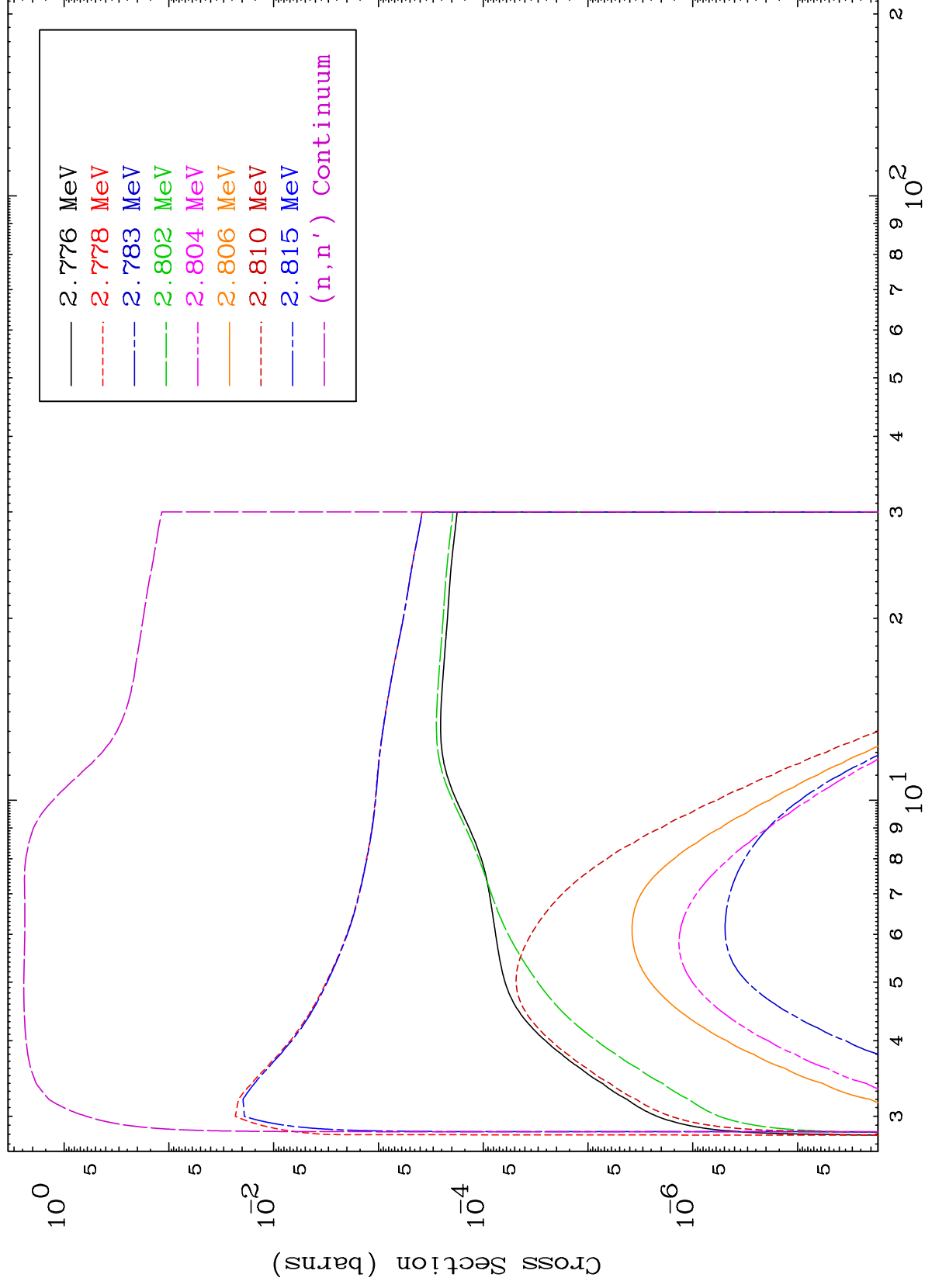
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,n') Level
293 Kelvin Cross Sections

86-Rn-211



9

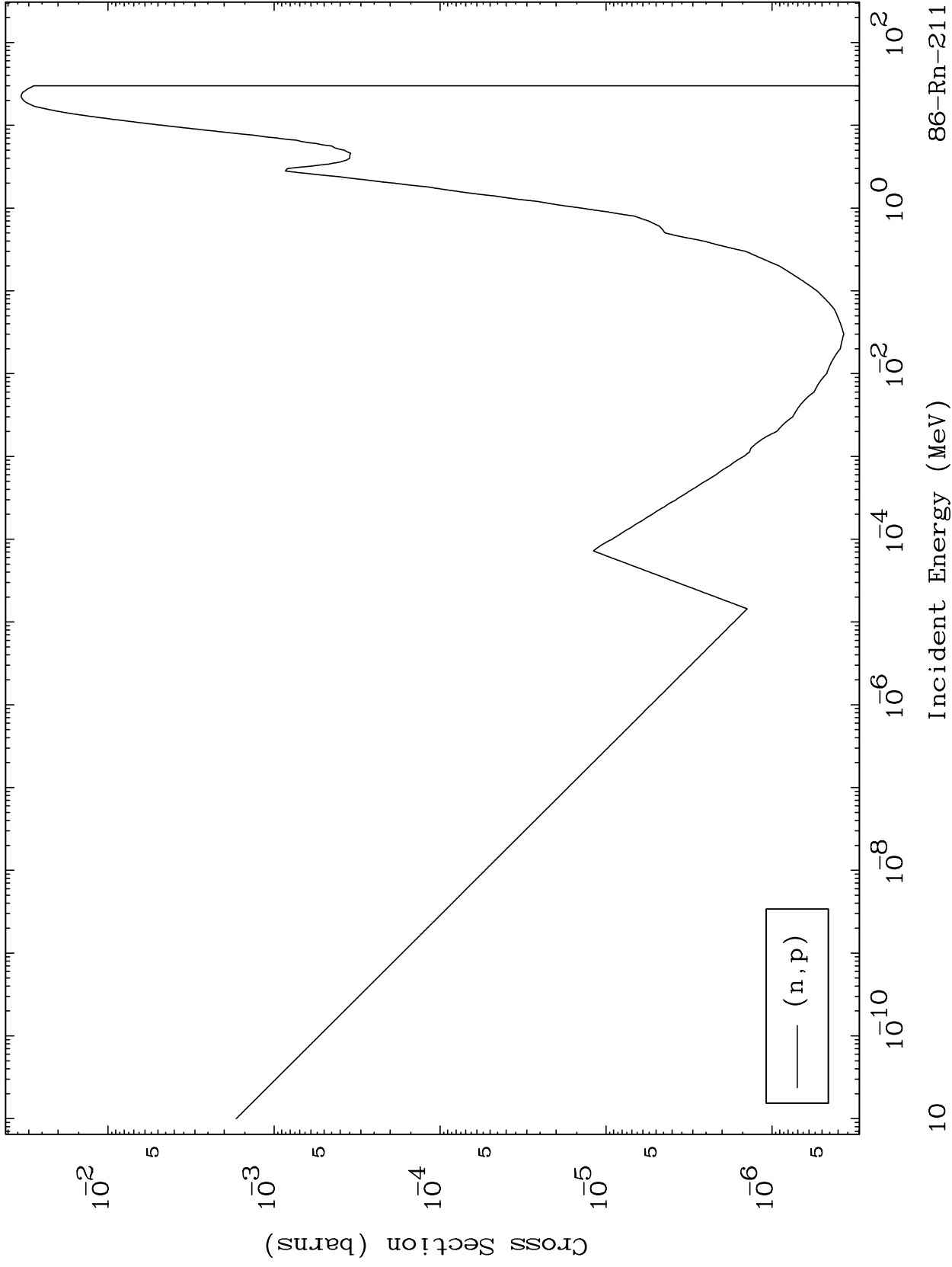
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-211



10

Incident Energy (MeV)

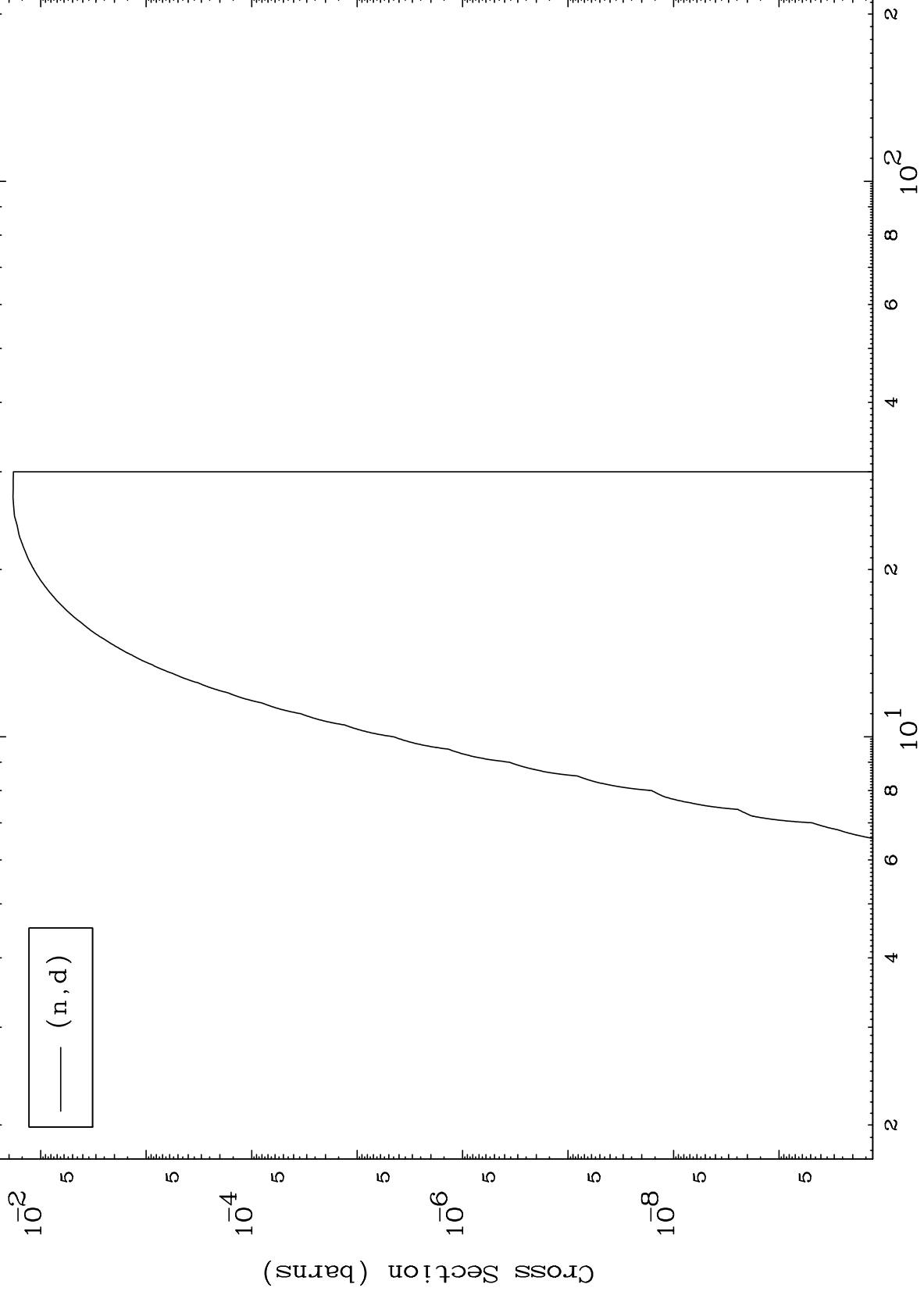
86-Rn-211

— (n,p)

MAT 8625

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-211

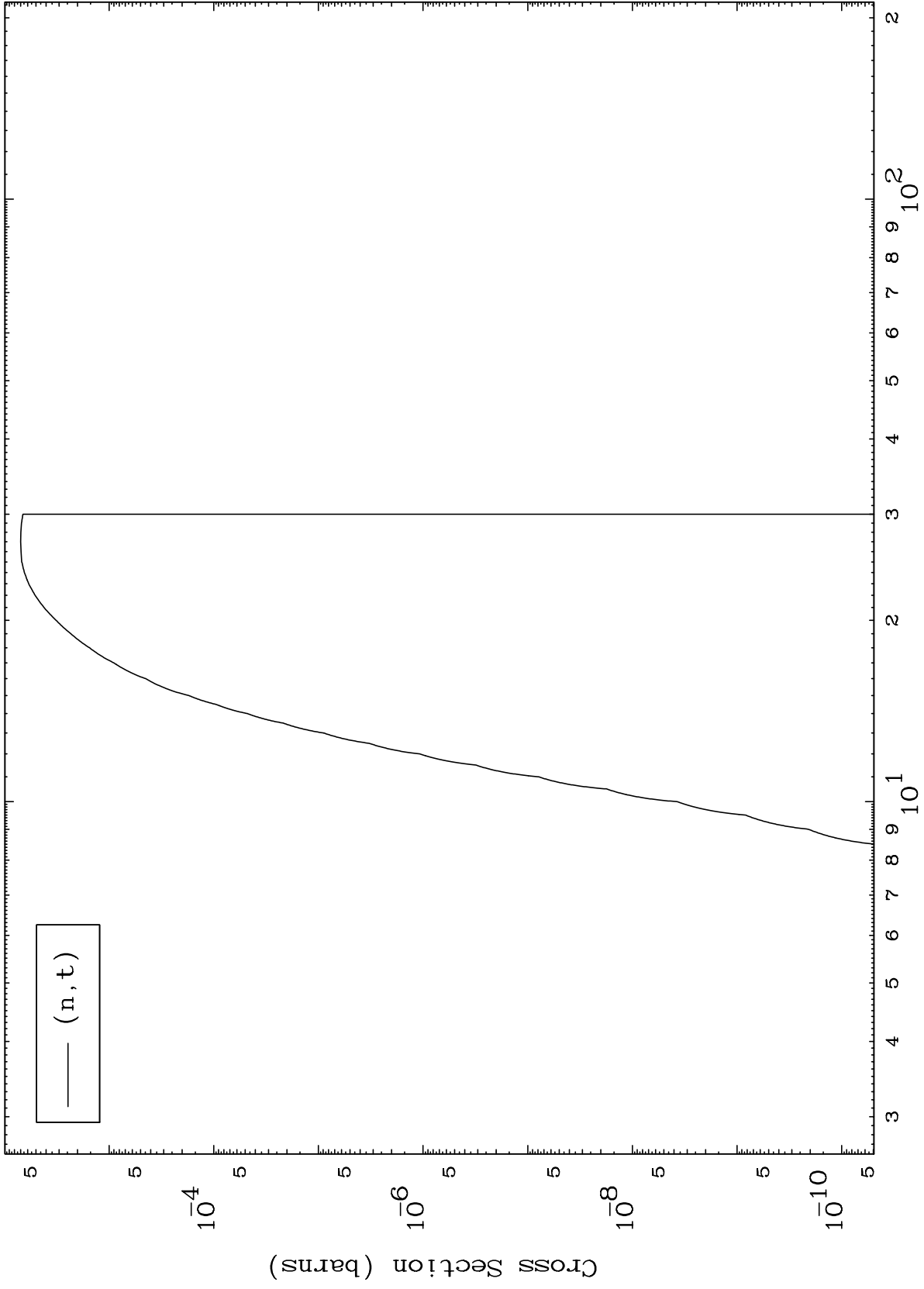


(n,d)

MAT 8625

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-211



12

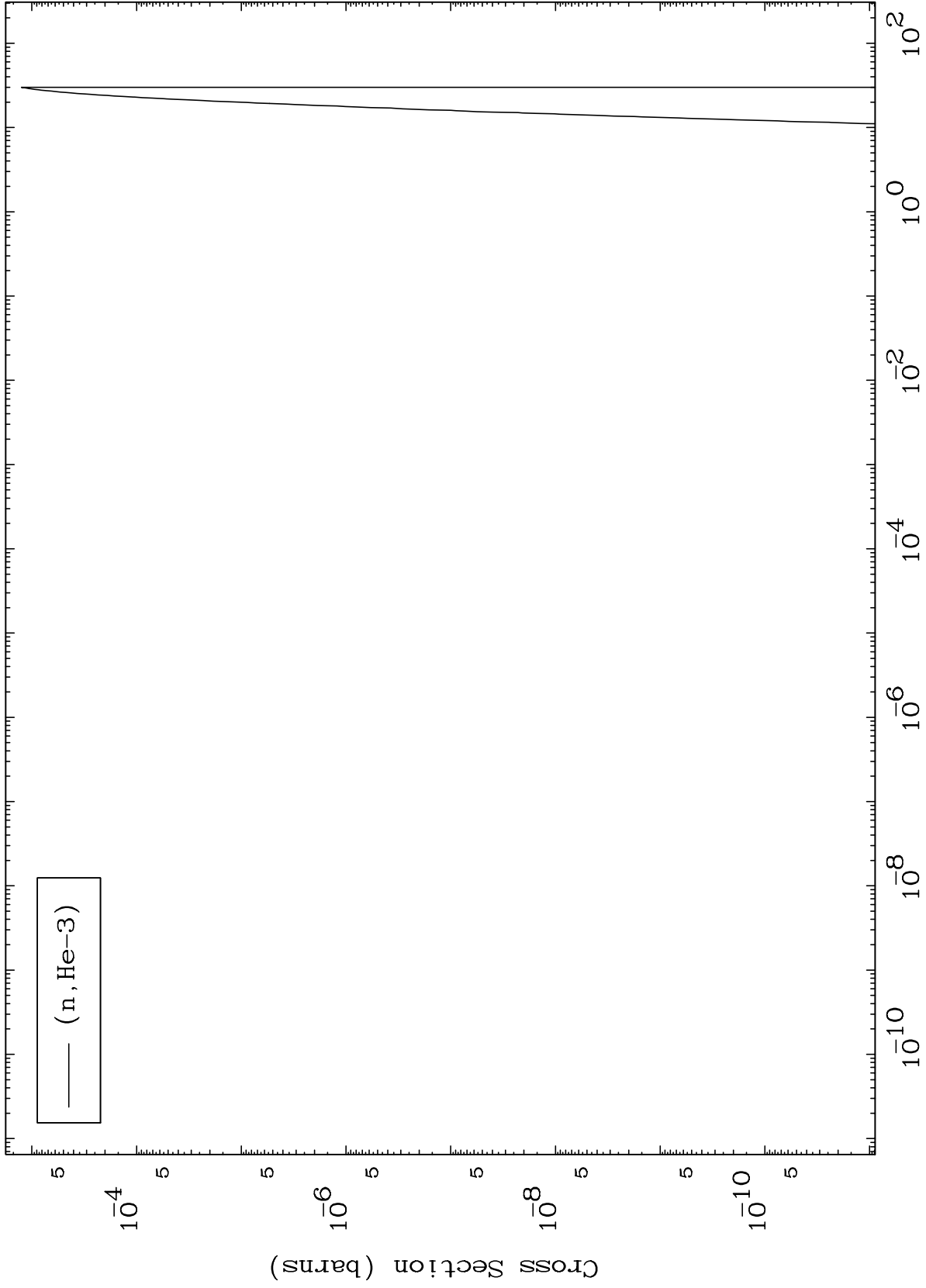
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-211



13

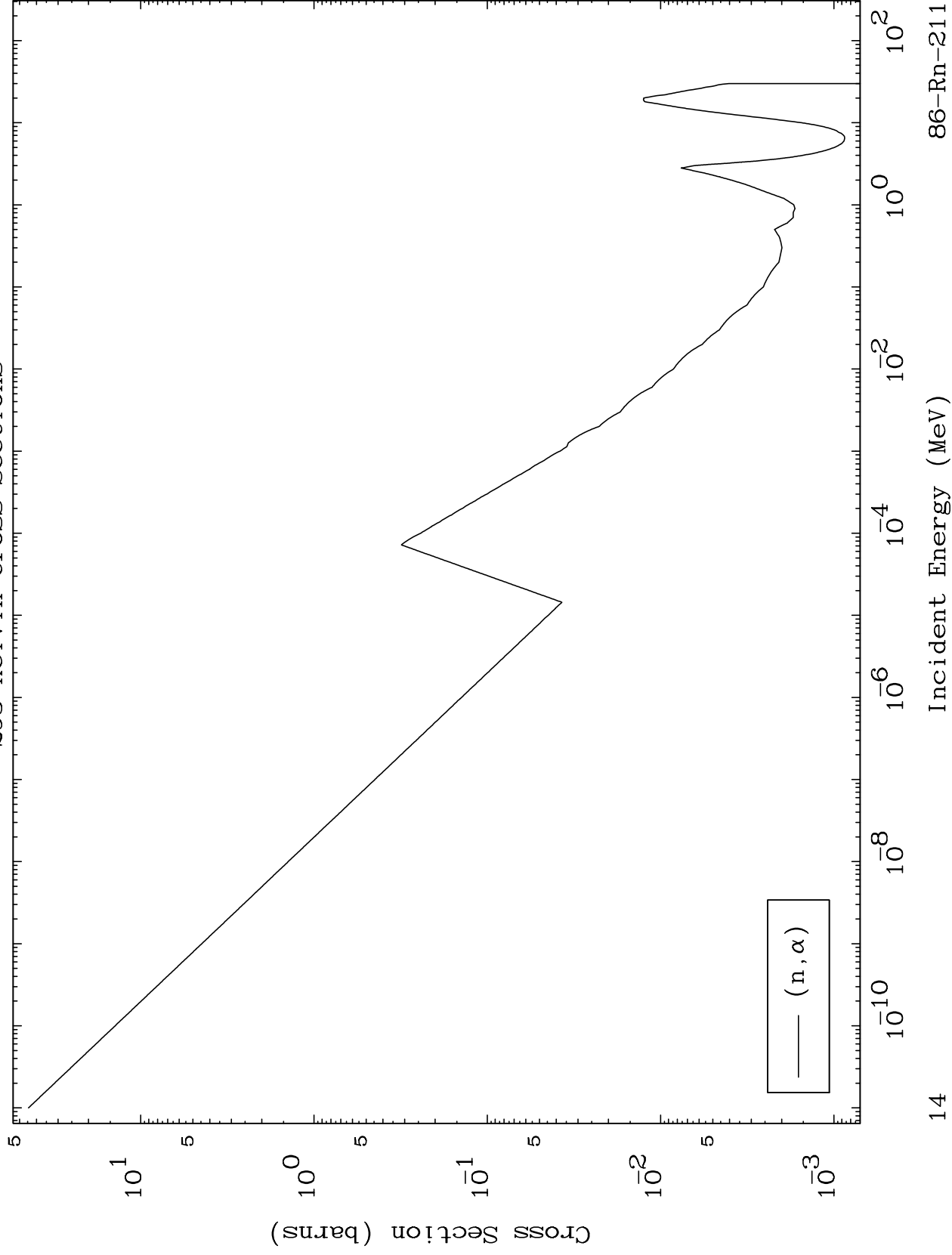
Incident Energy (MeV)

86-Rn-211

MAT 8625

(n,α) Levels
293 Kelvin Cross Sections

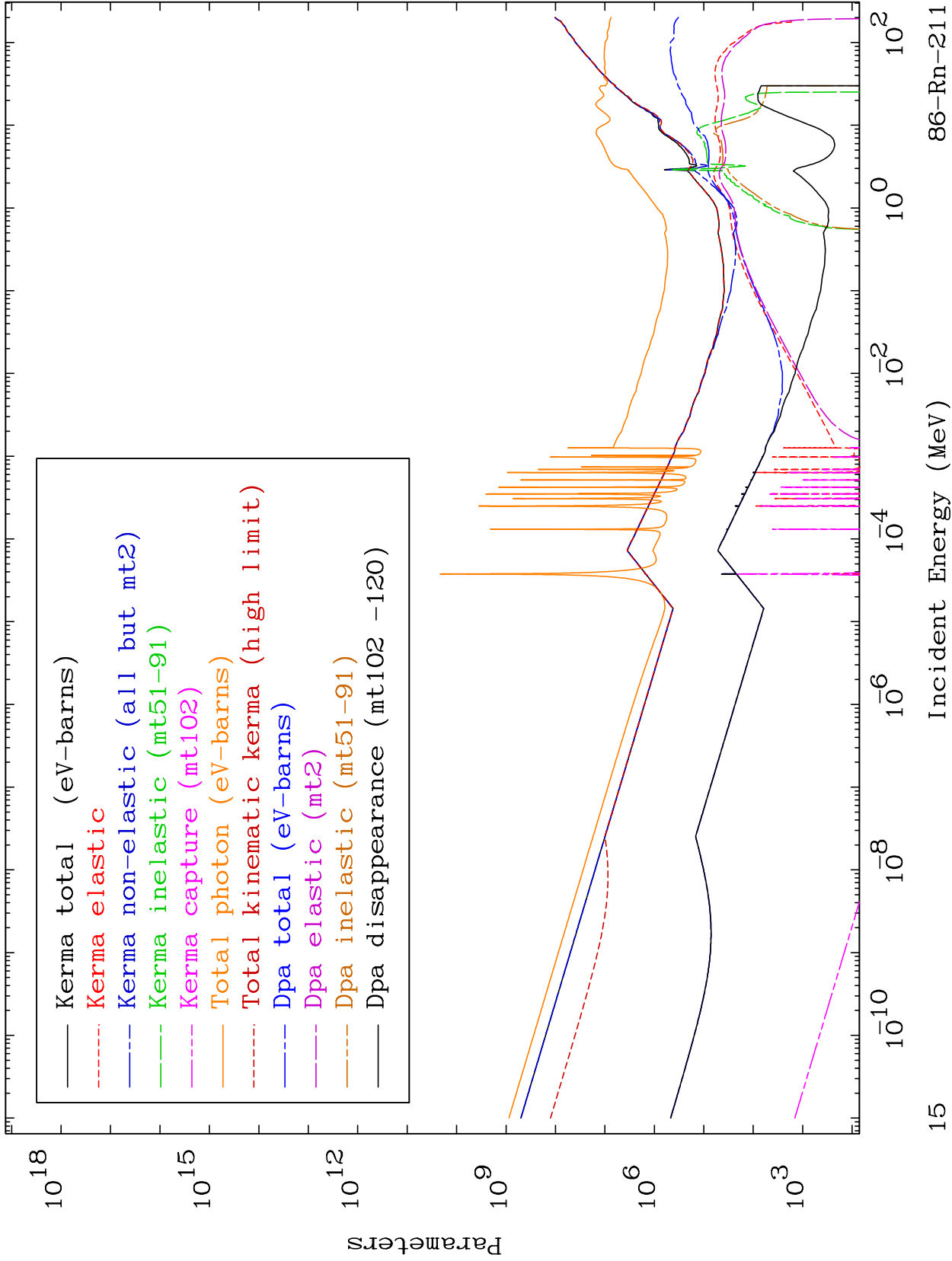
86-Rn-211



14

Incident Energy (MeV)

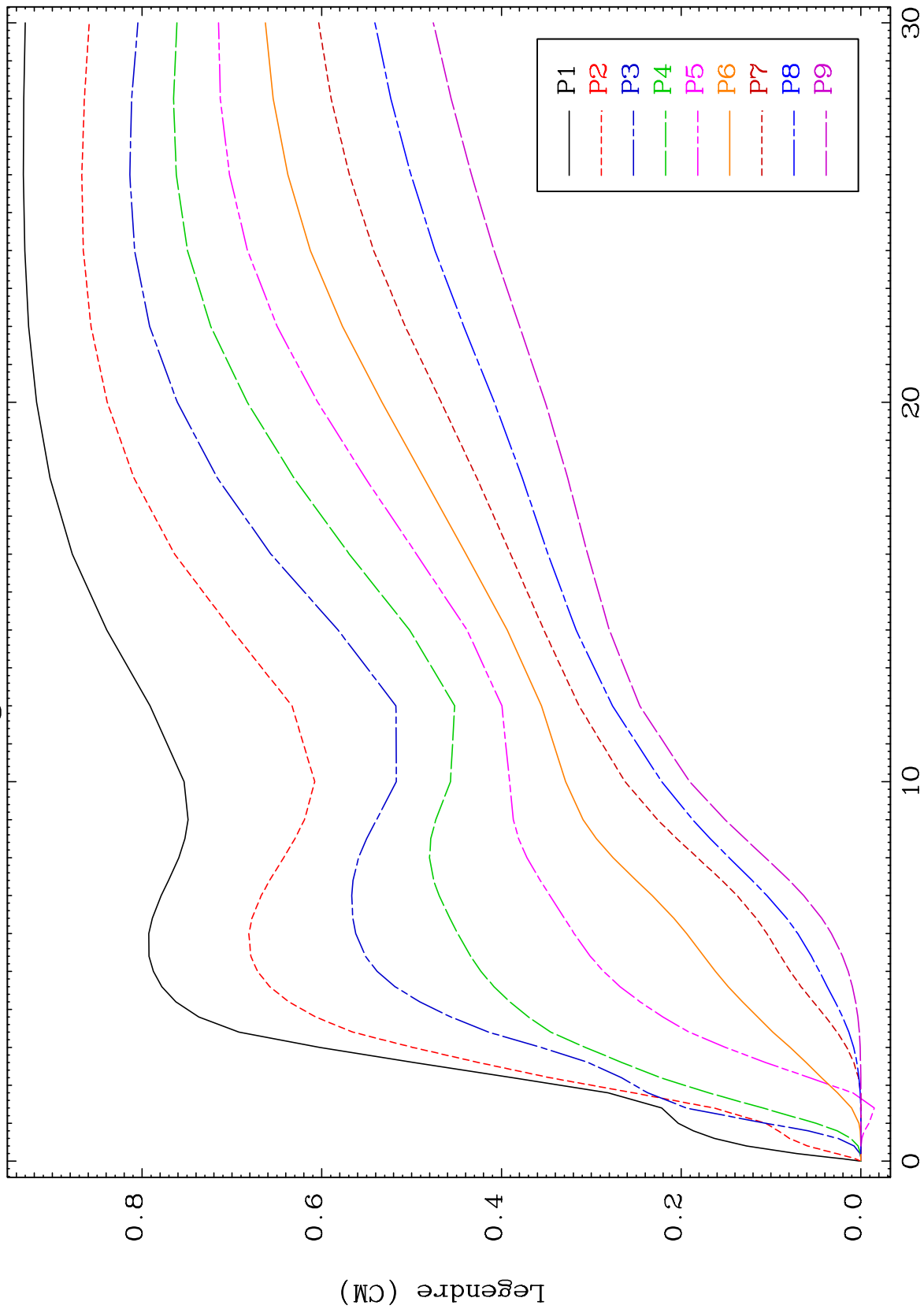
86-Rn-211



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Elastic Legendre Coefficients

86-Rn-211



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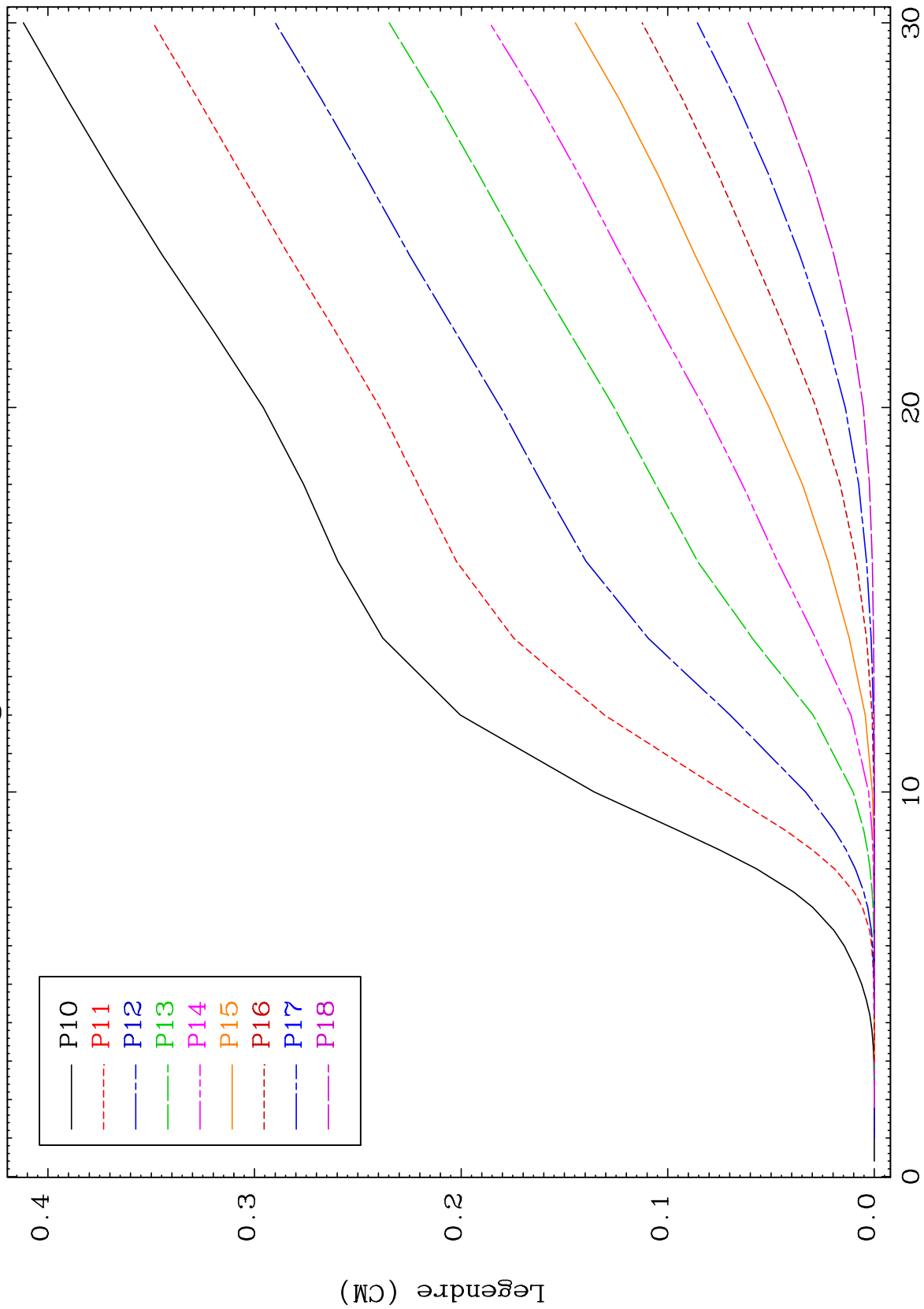
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



17

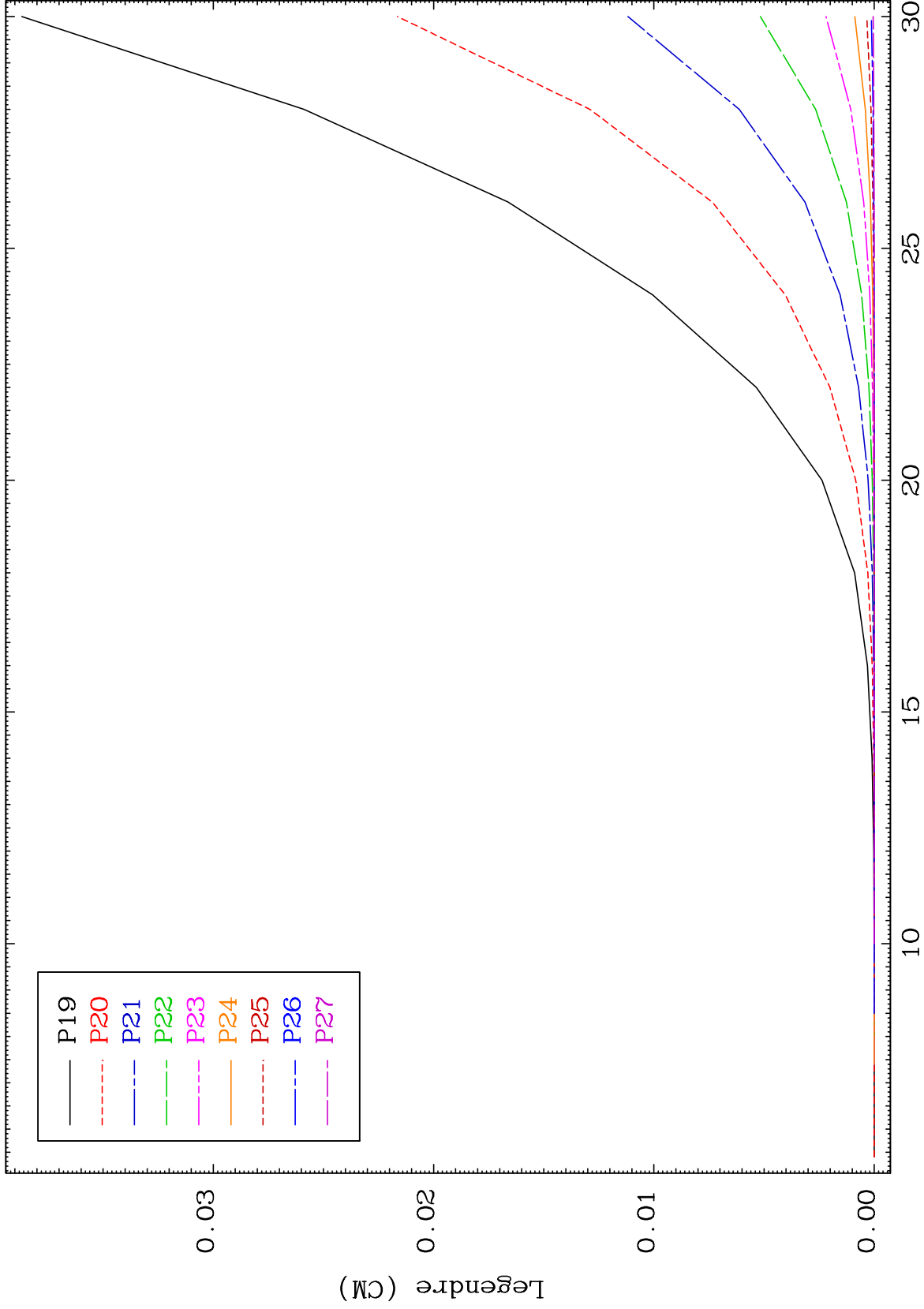
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



18

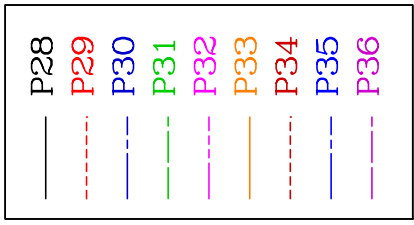
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



$\times 10^{-5}$
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

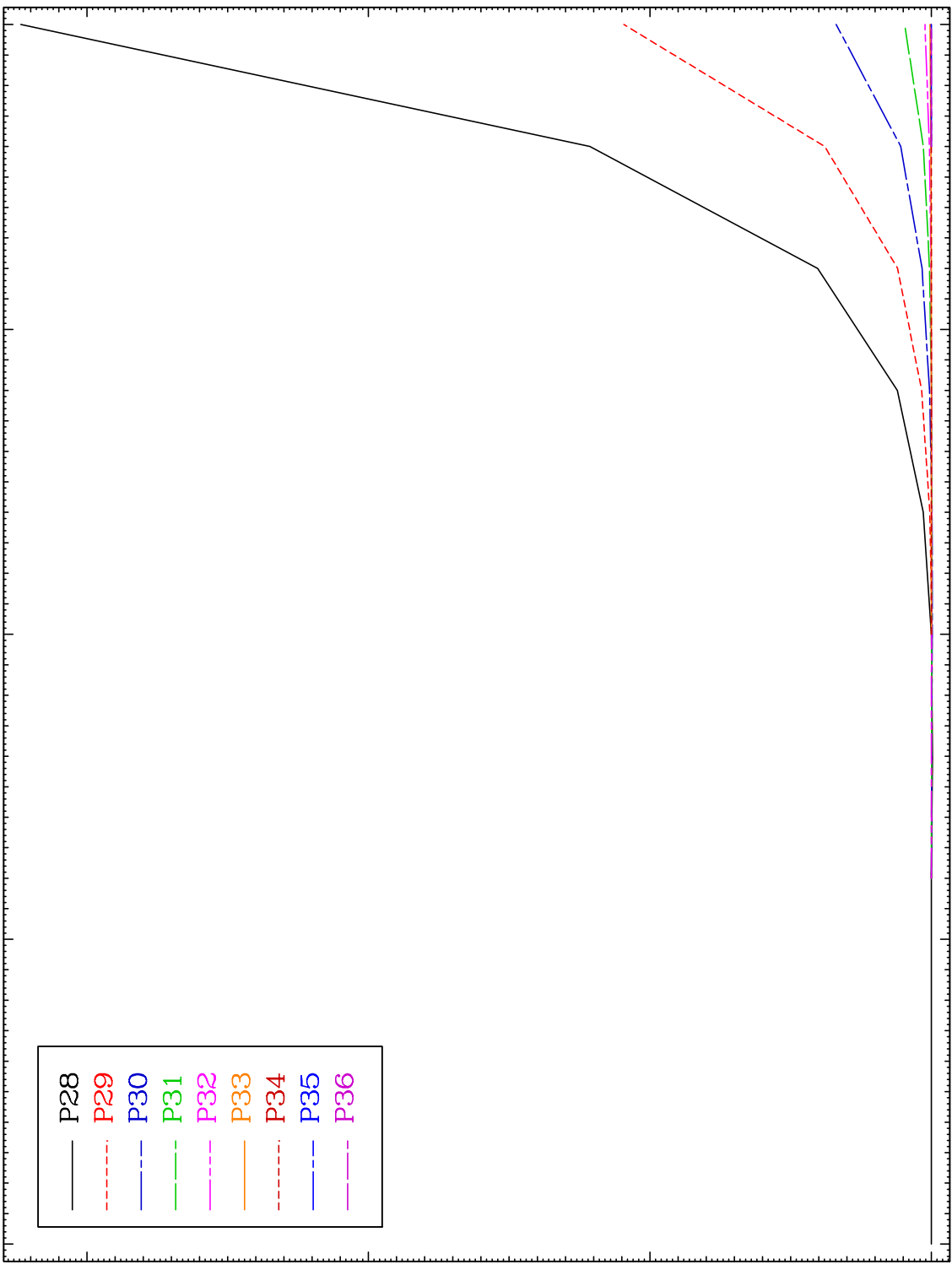
25

30

19

Incident Energy (MeV)

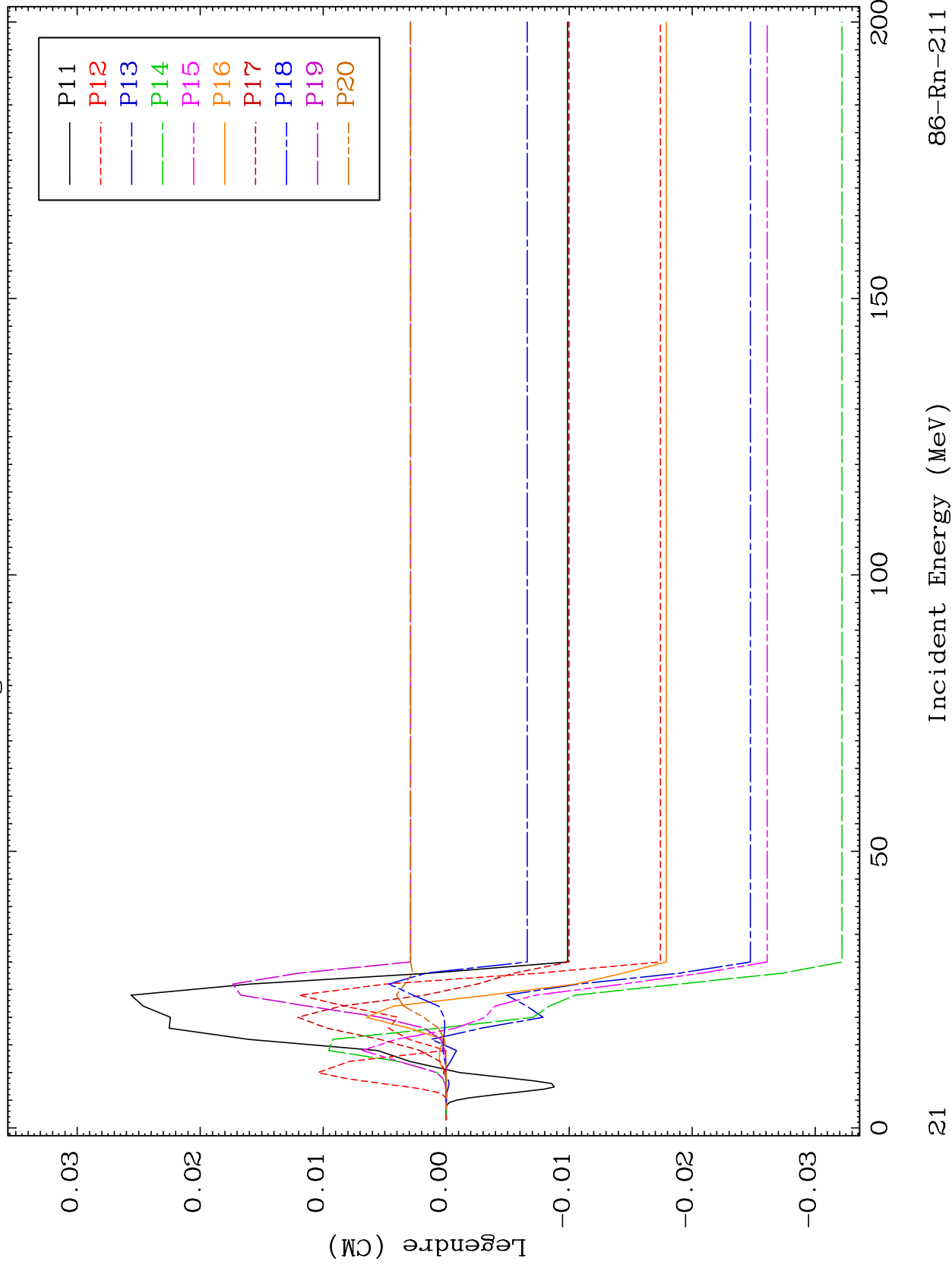
86-Rn-211



MAT 8625

539.9 keV (n,n') Level
Legendre Coefficients

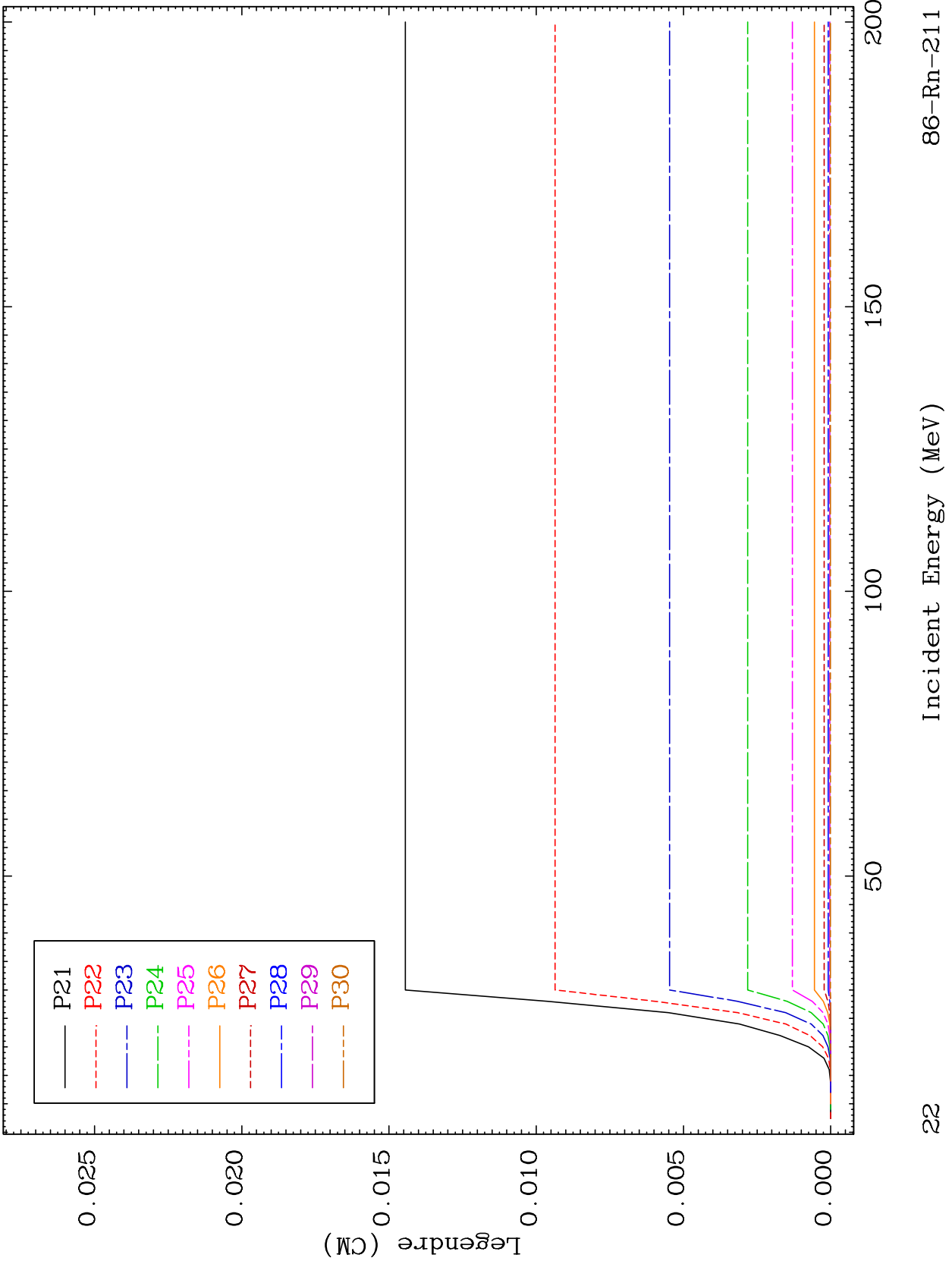
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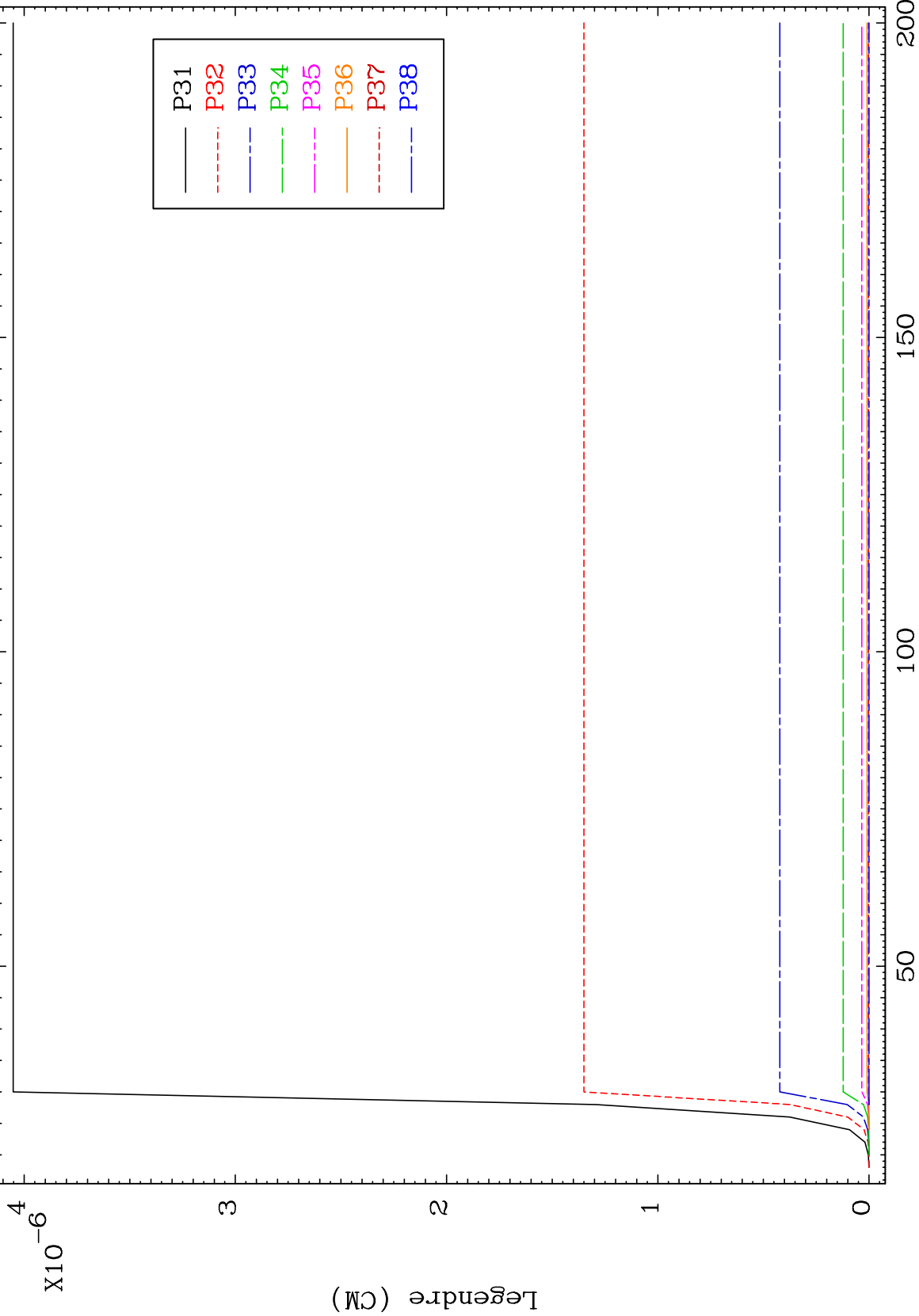


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Incident Energy (MeV)

86-Rn-211

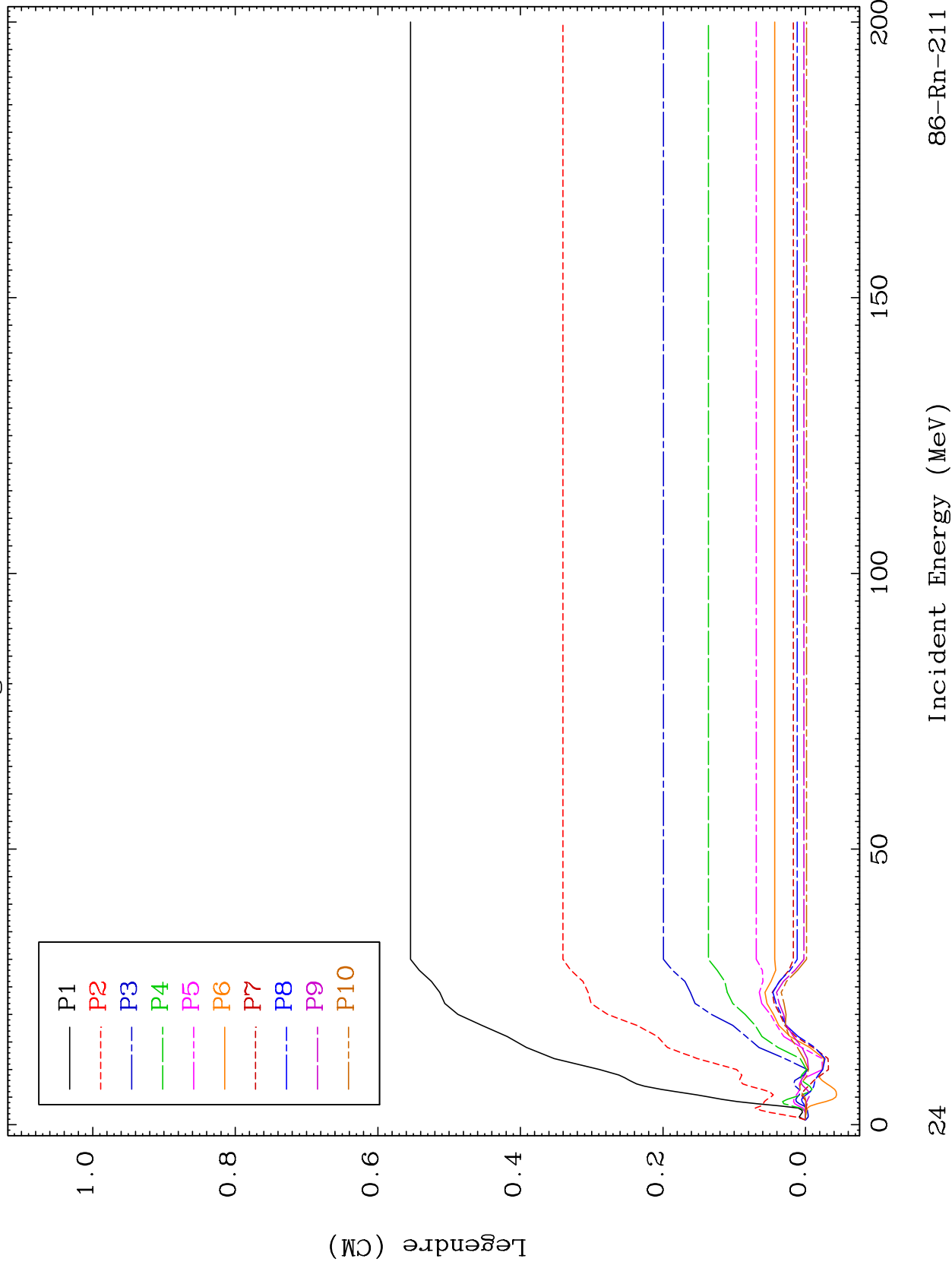




MAT 8625

833.5 keV (n,n') Level
Legendre Coefficients

86-Rn-211



24

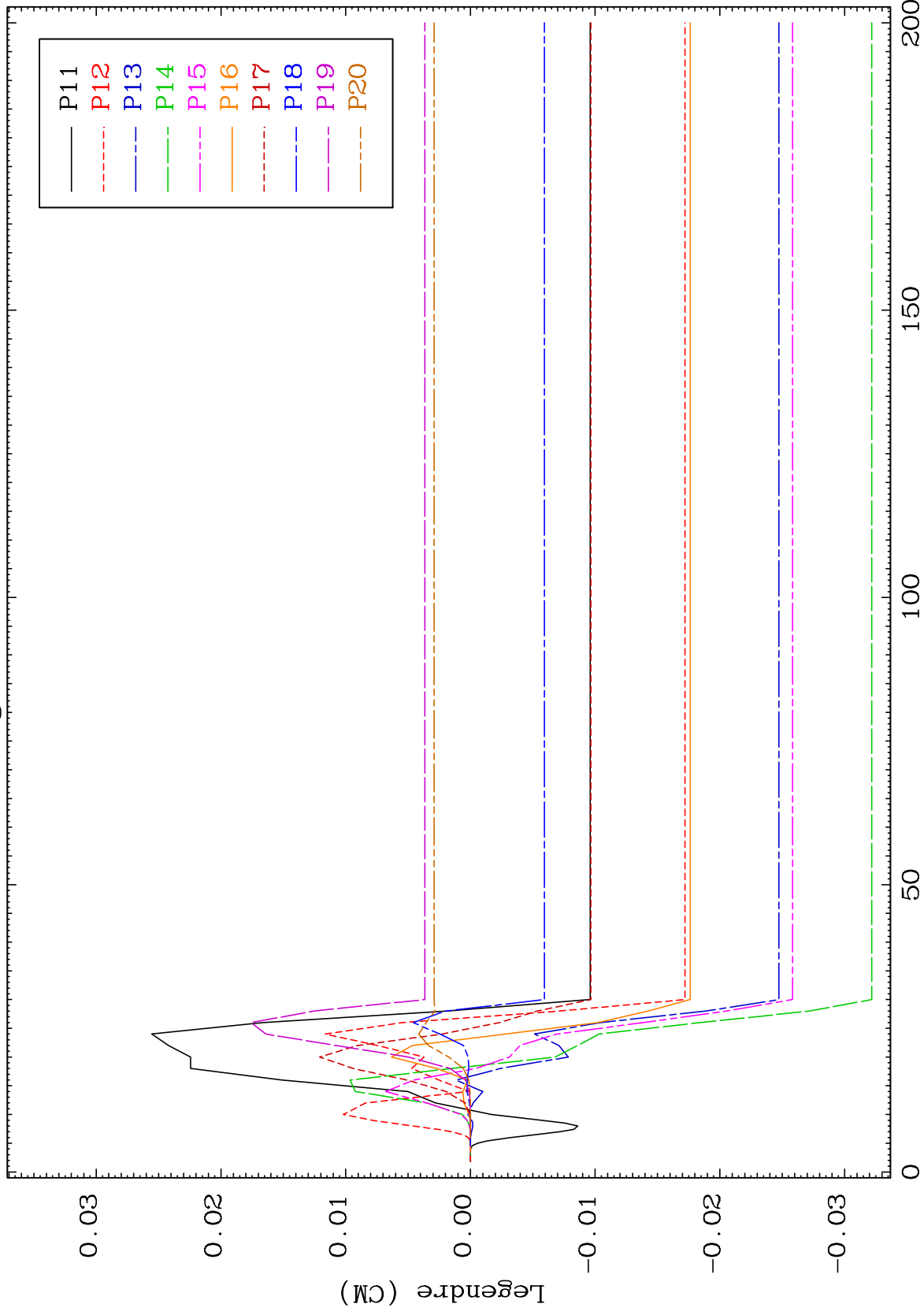
Incident Energy (MeV)

86-Rn-211

MAT 8625

833.5 keV (n,n') Level
Legendre Coefficients

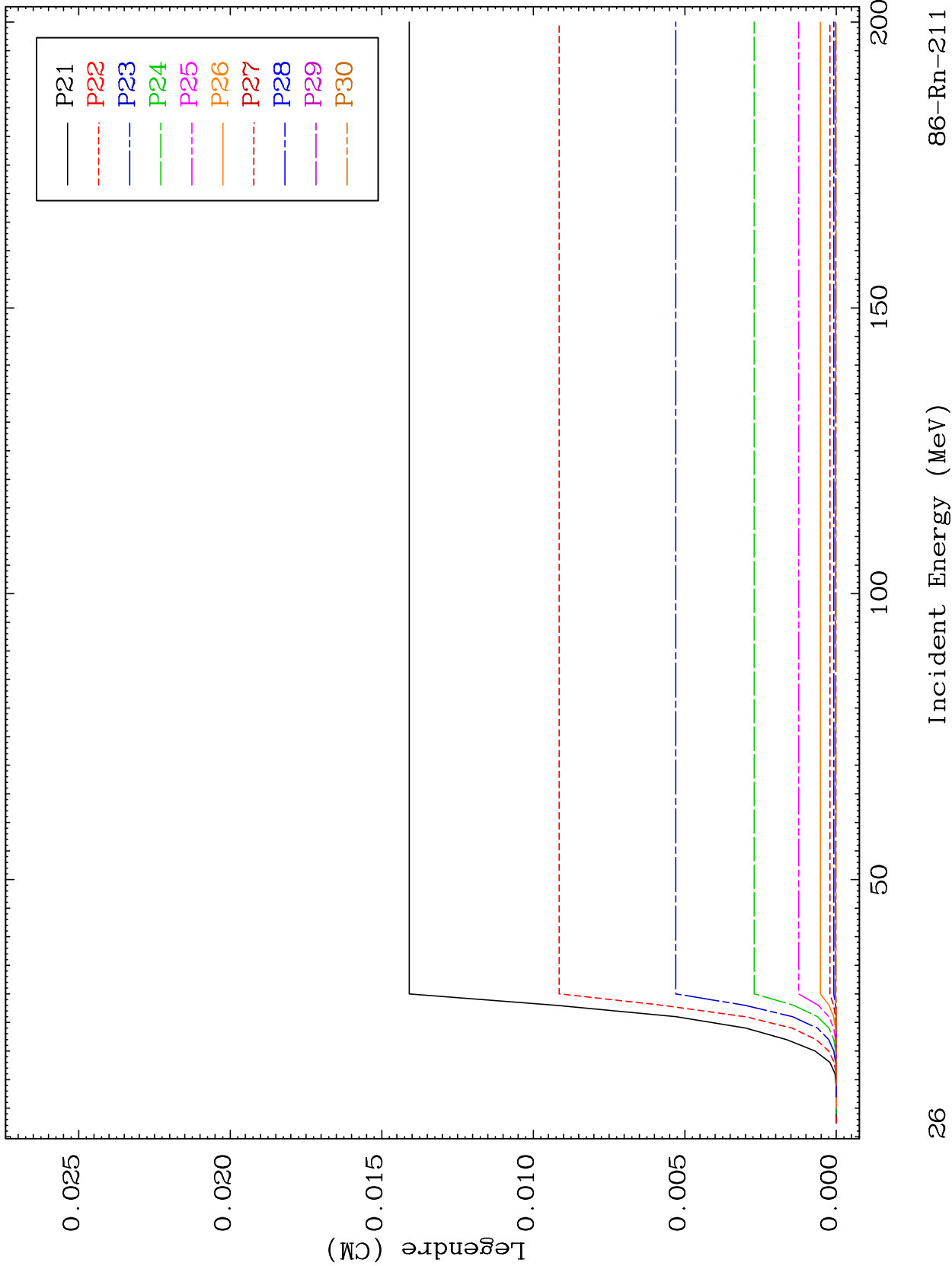
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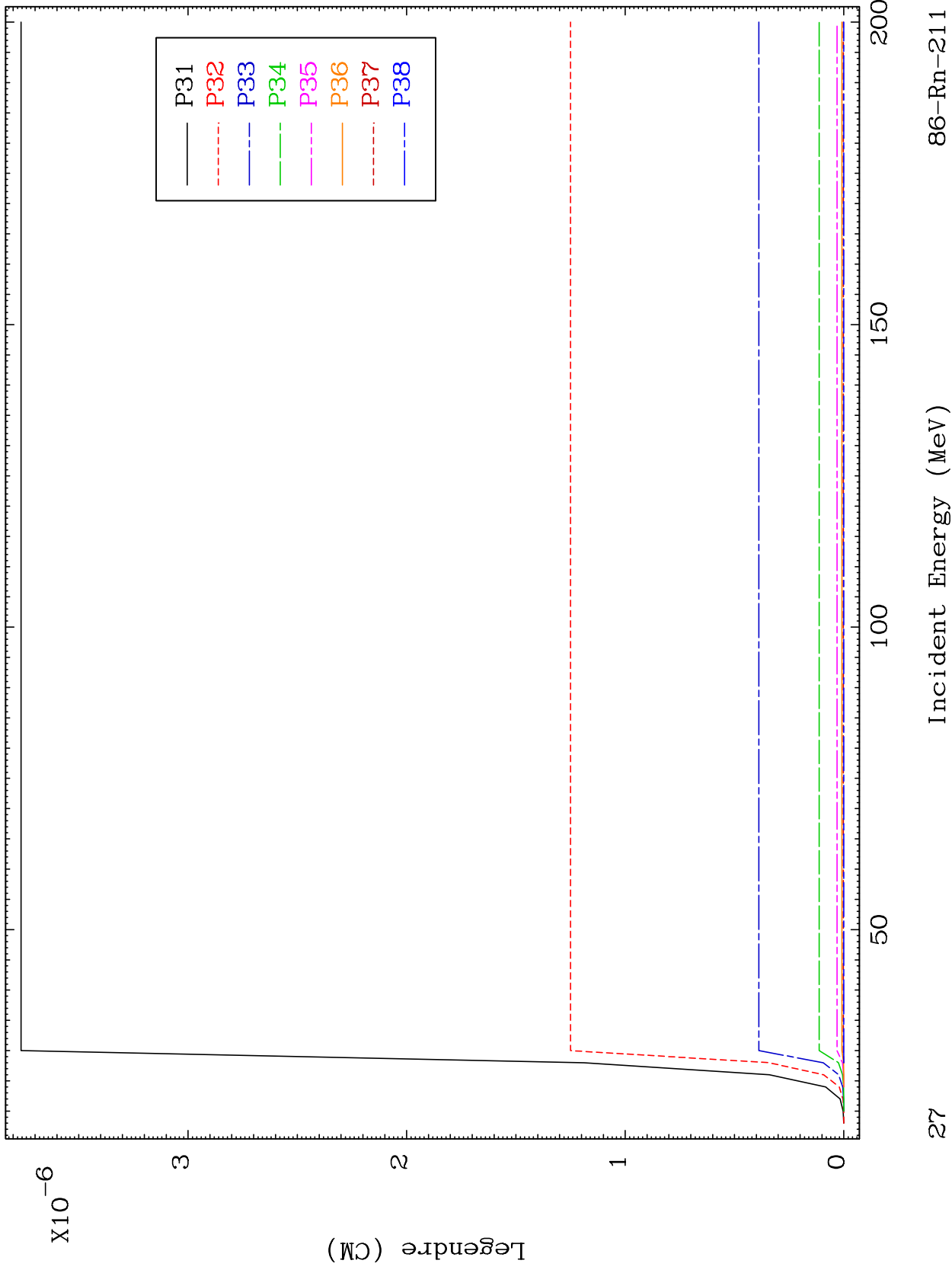


25

Incident Energy (MeV)

86-Rn-211

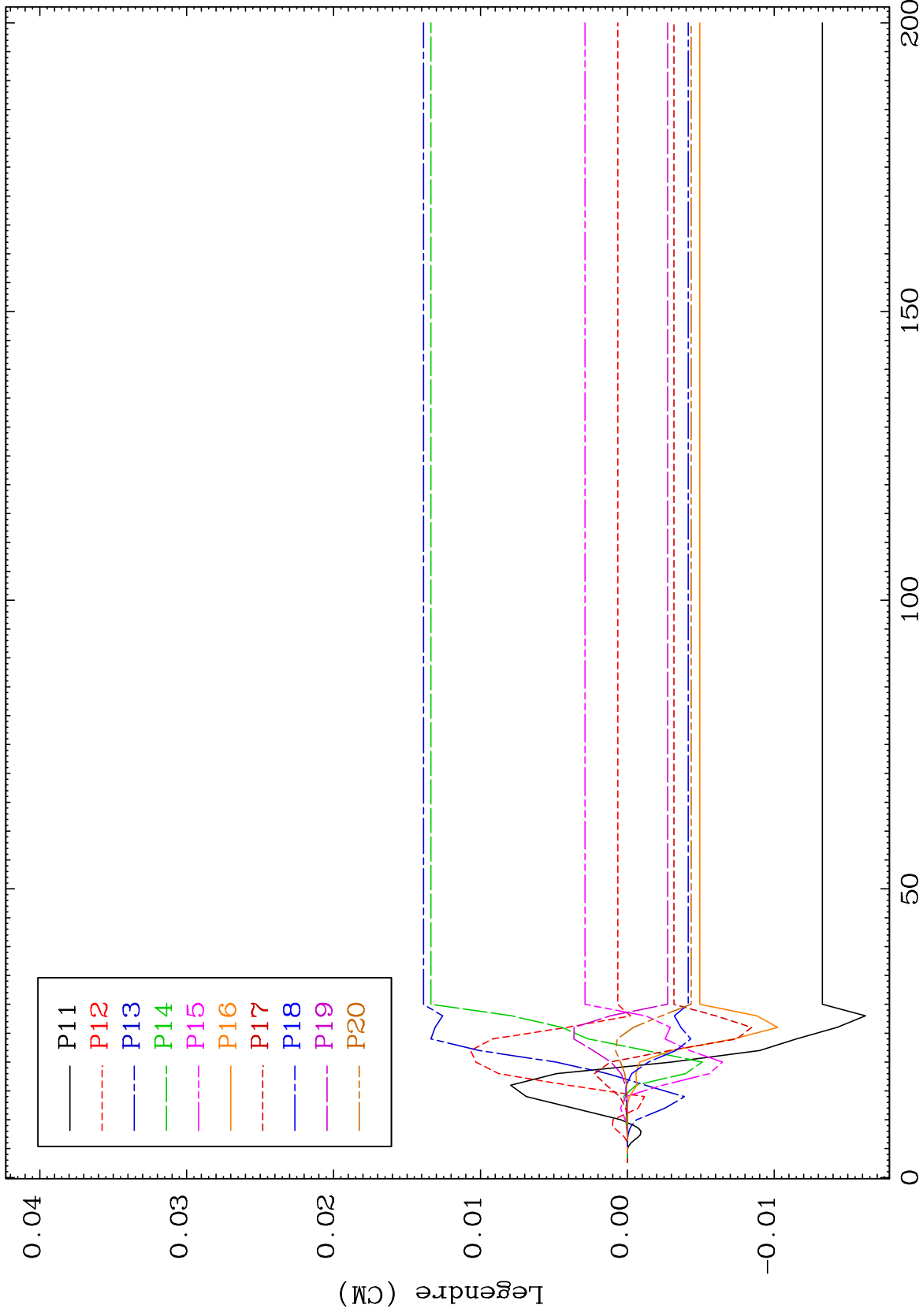




MAT 8625

1.458 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



29

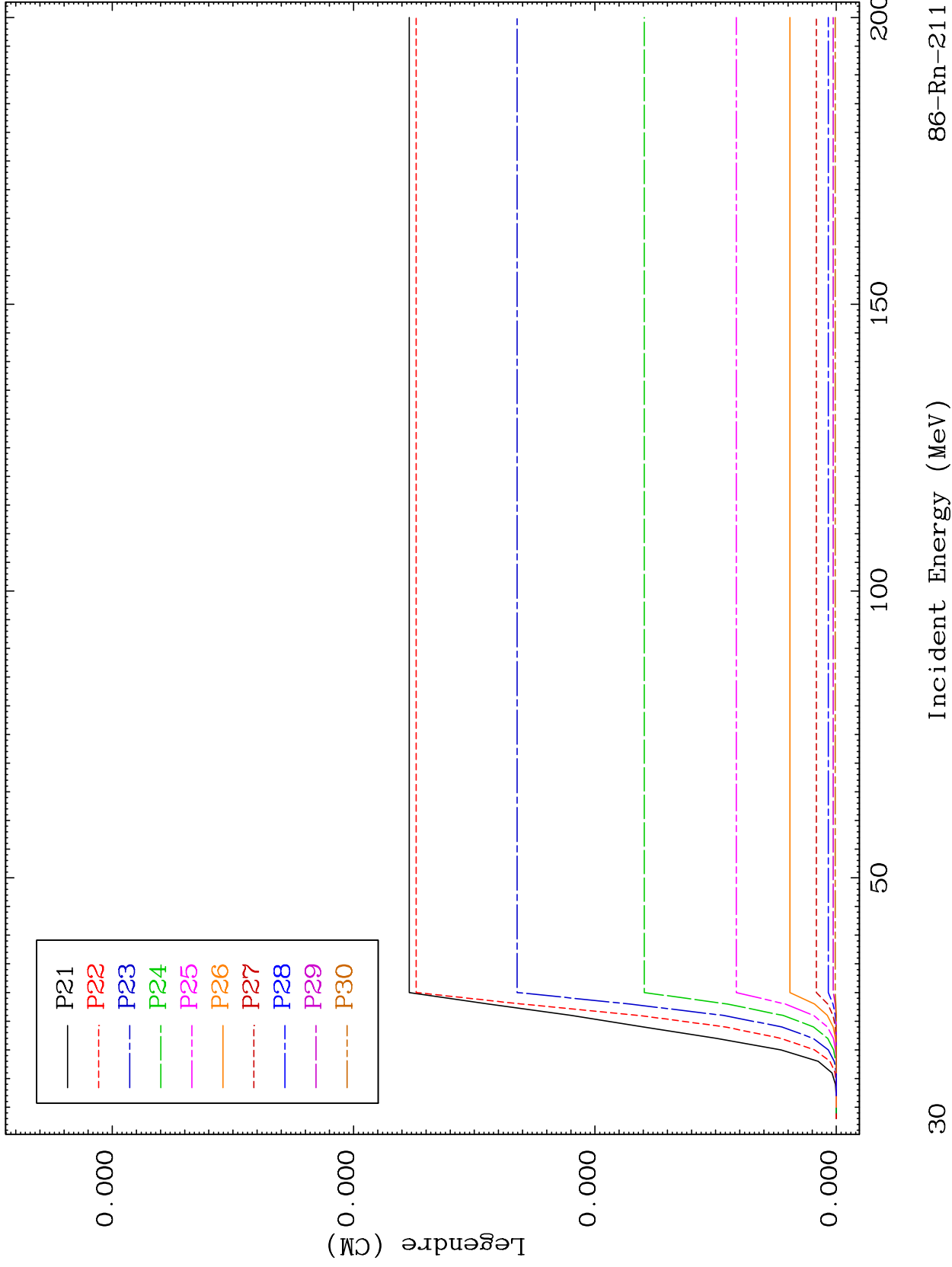
Incident Energy (MeV)

86-Rn-211

MAT 8625

1.458 MeV (n,n') Level
Legendre Coefficients

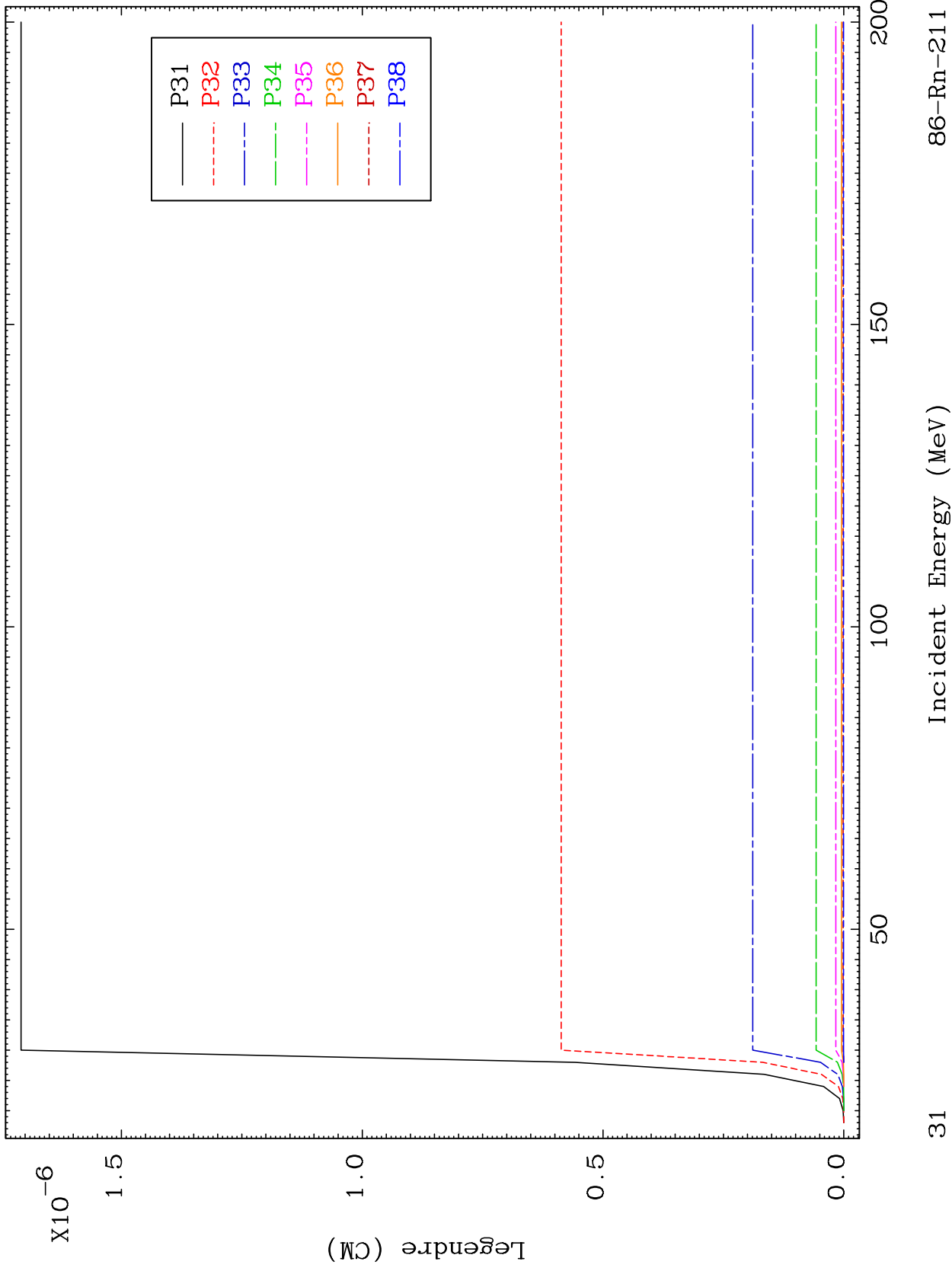
86-Rn-211



86-Rn-211

Incident Energy (MeV)

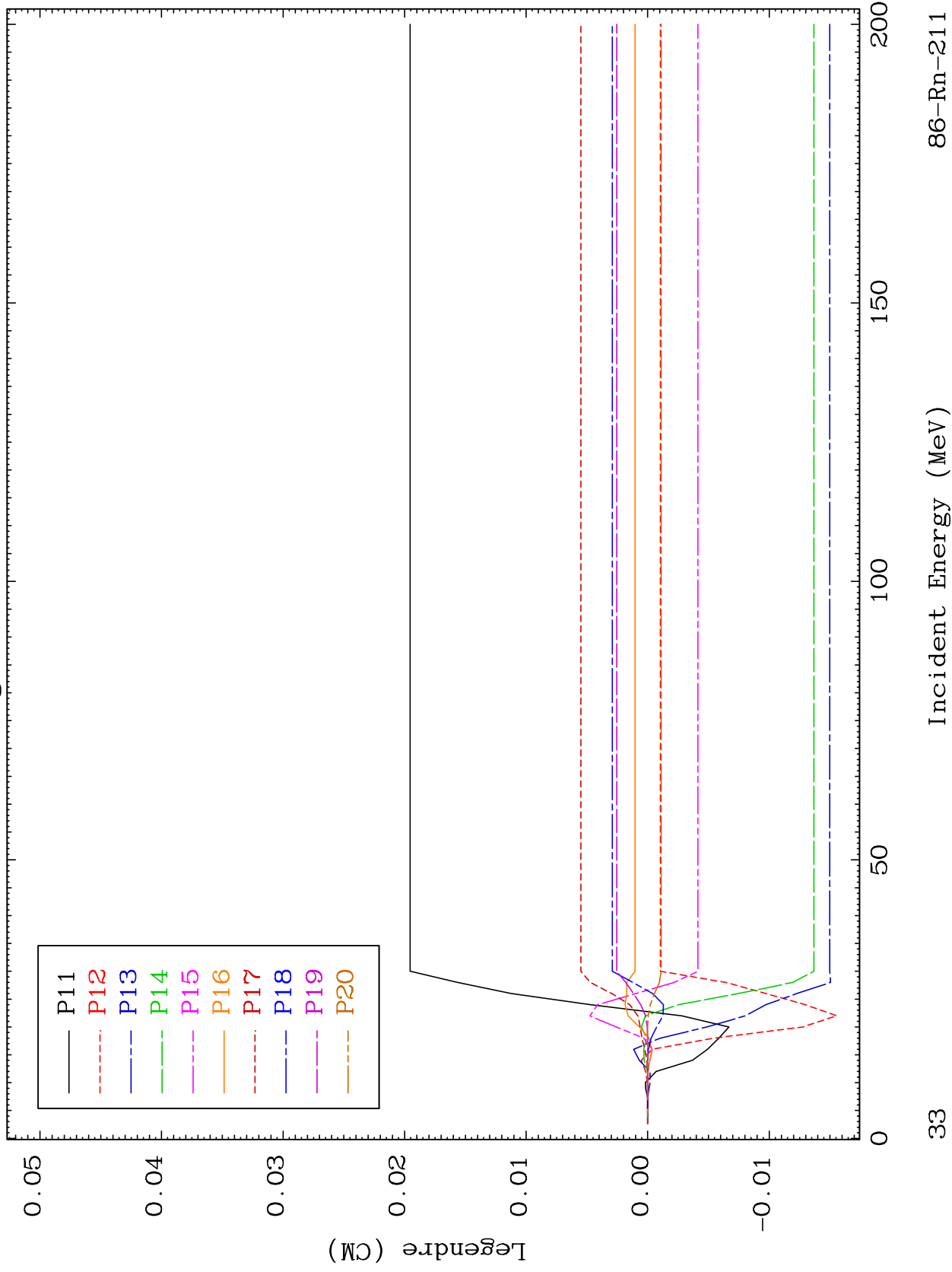
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MAT 8625

1.578 MeV (n,n') Level
Legendre Coefficients

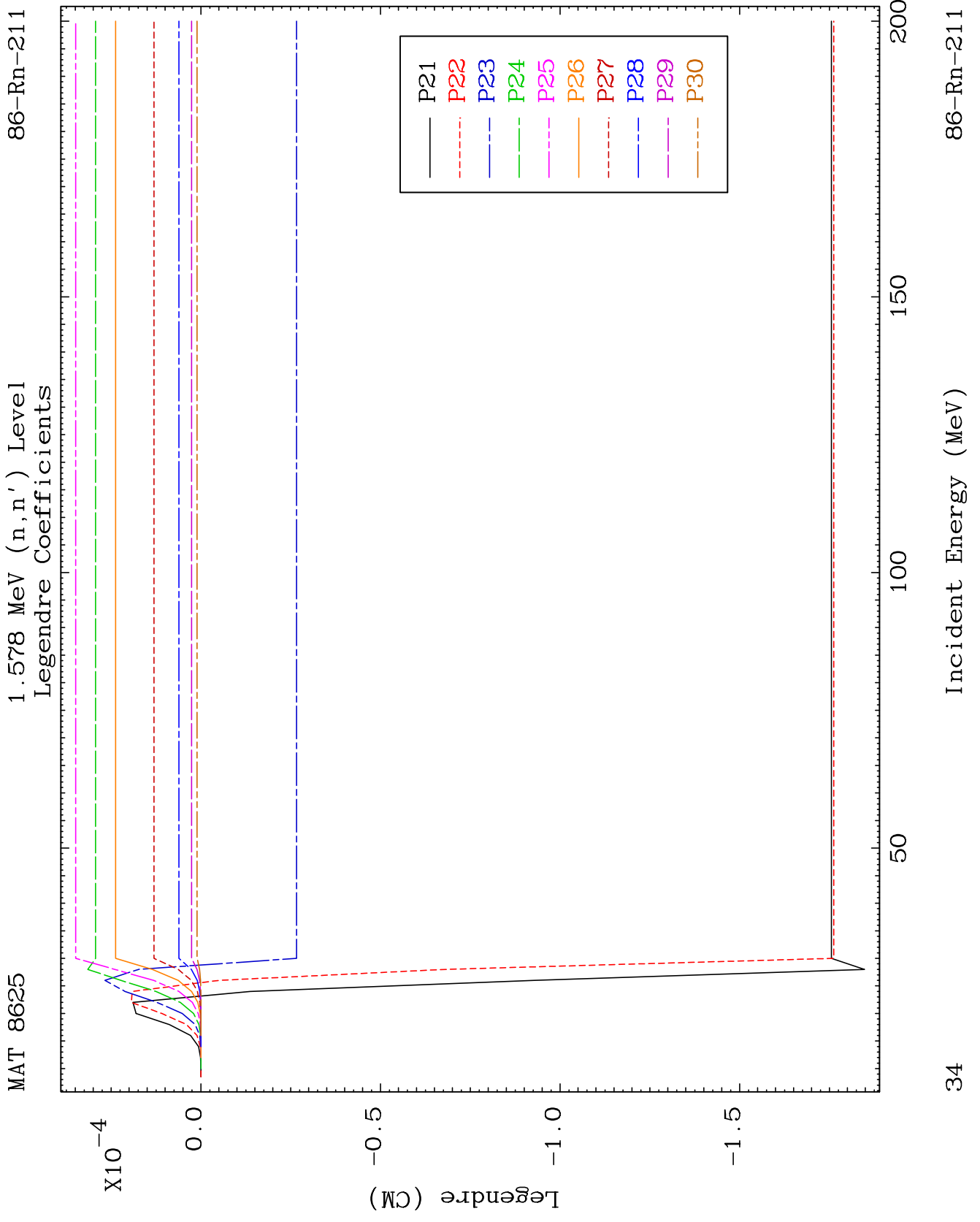
86-Rn-211



33

Incident Energy (MeV)

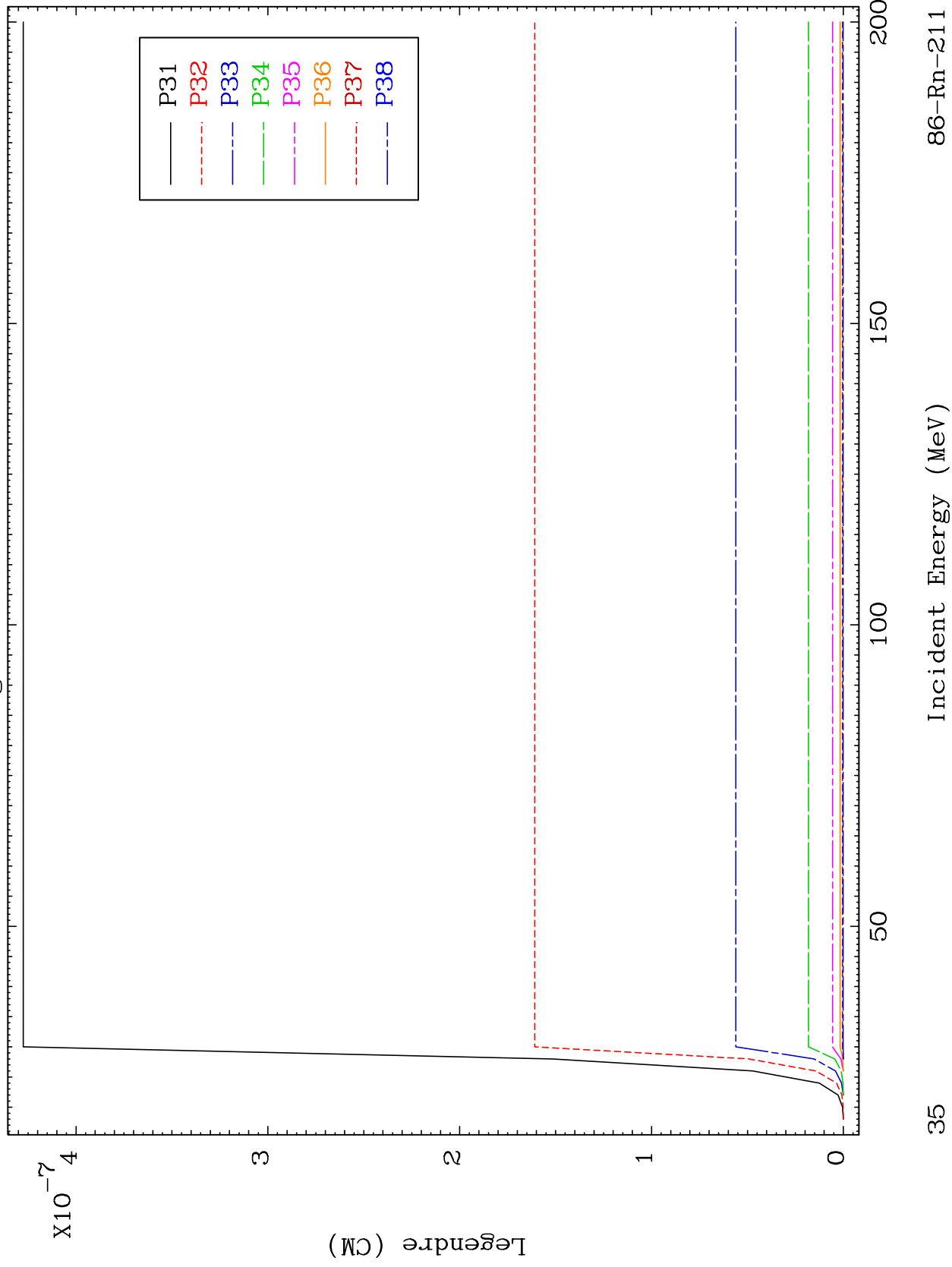
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MAT 8625

1.578 MeV (n,n') Level
Legendre Coefficients

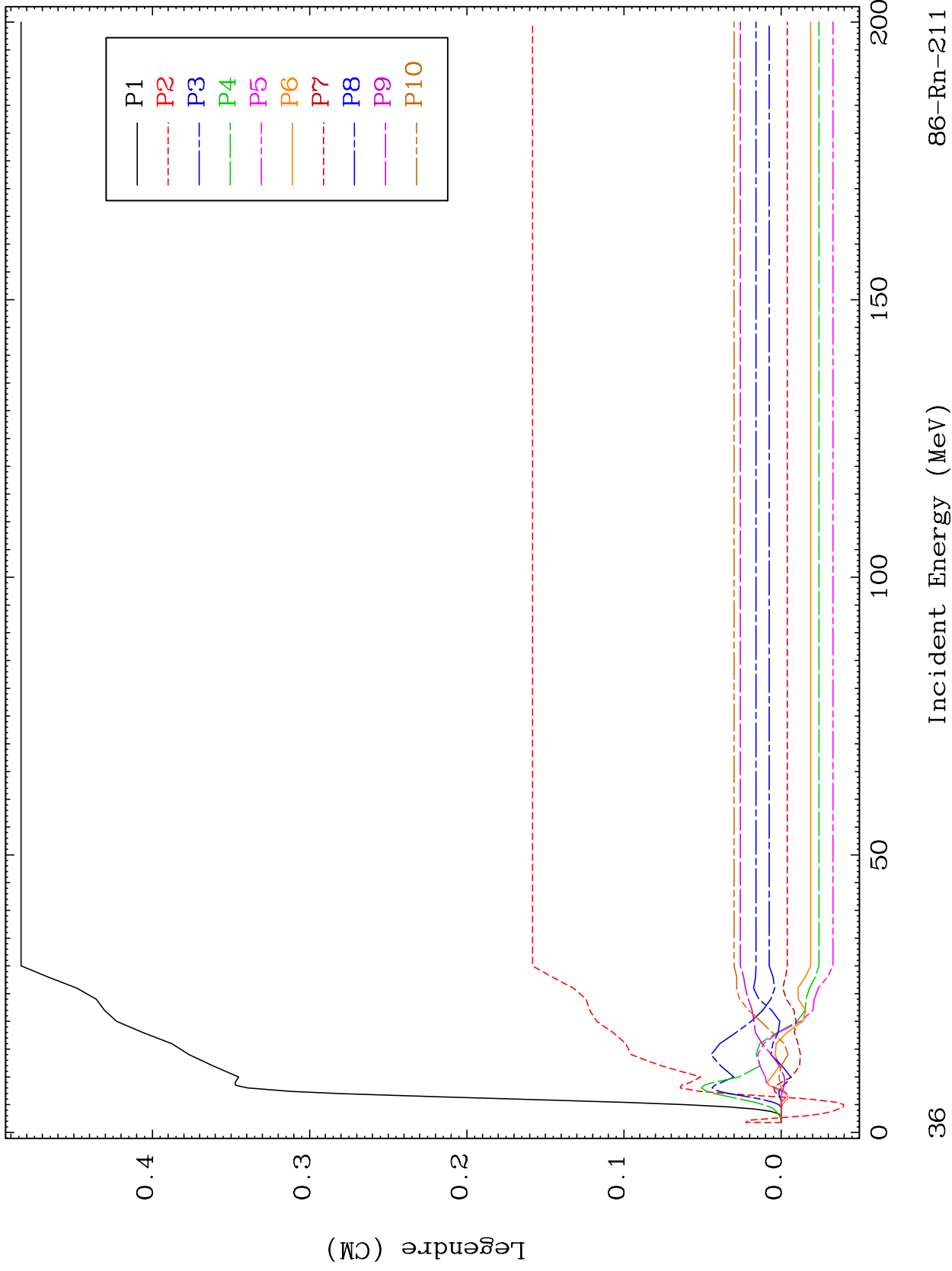
86-Rn-211



MAT 8625

1.739 MeV (n,n') Level
Legendre Coefficients

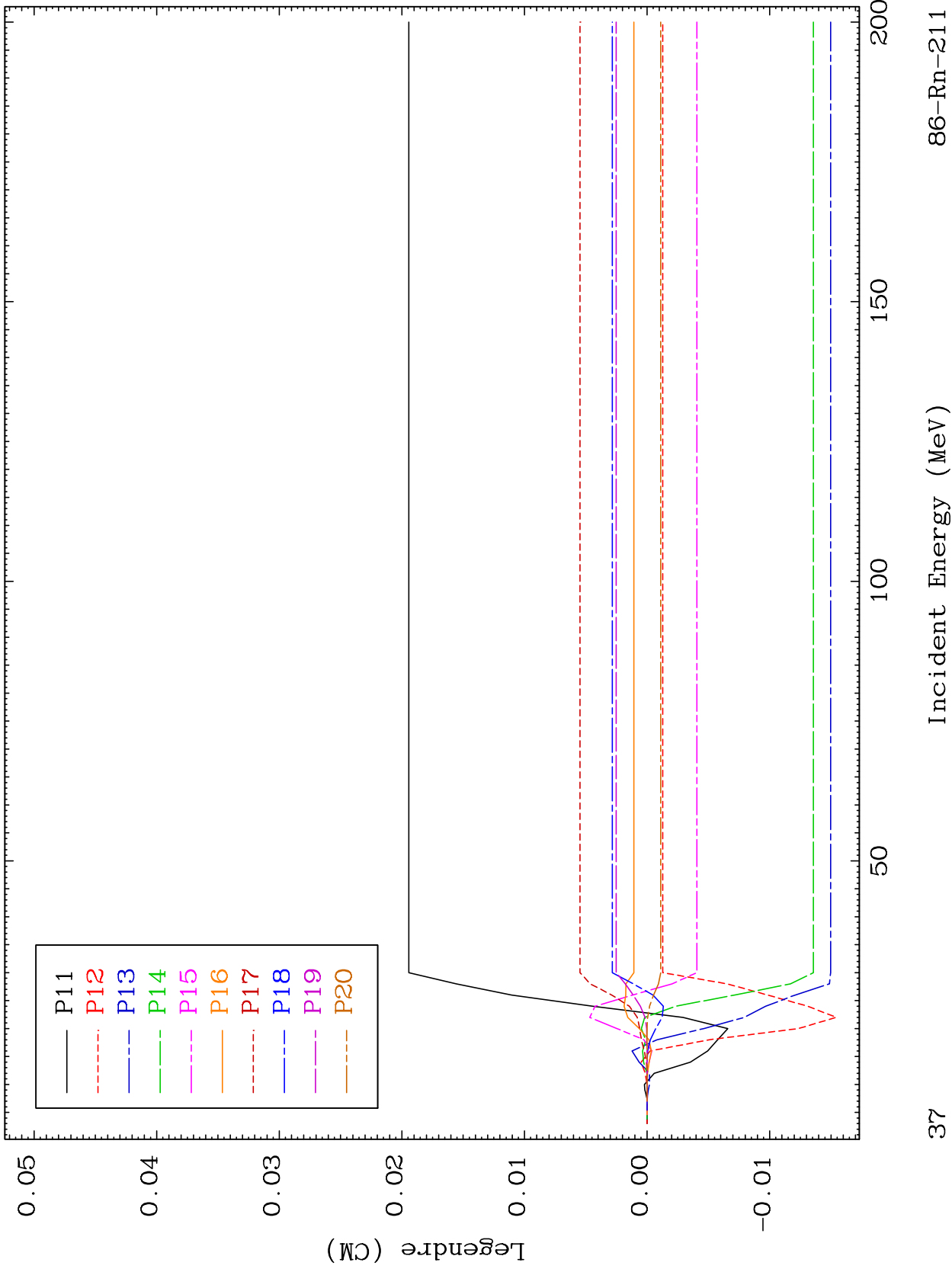
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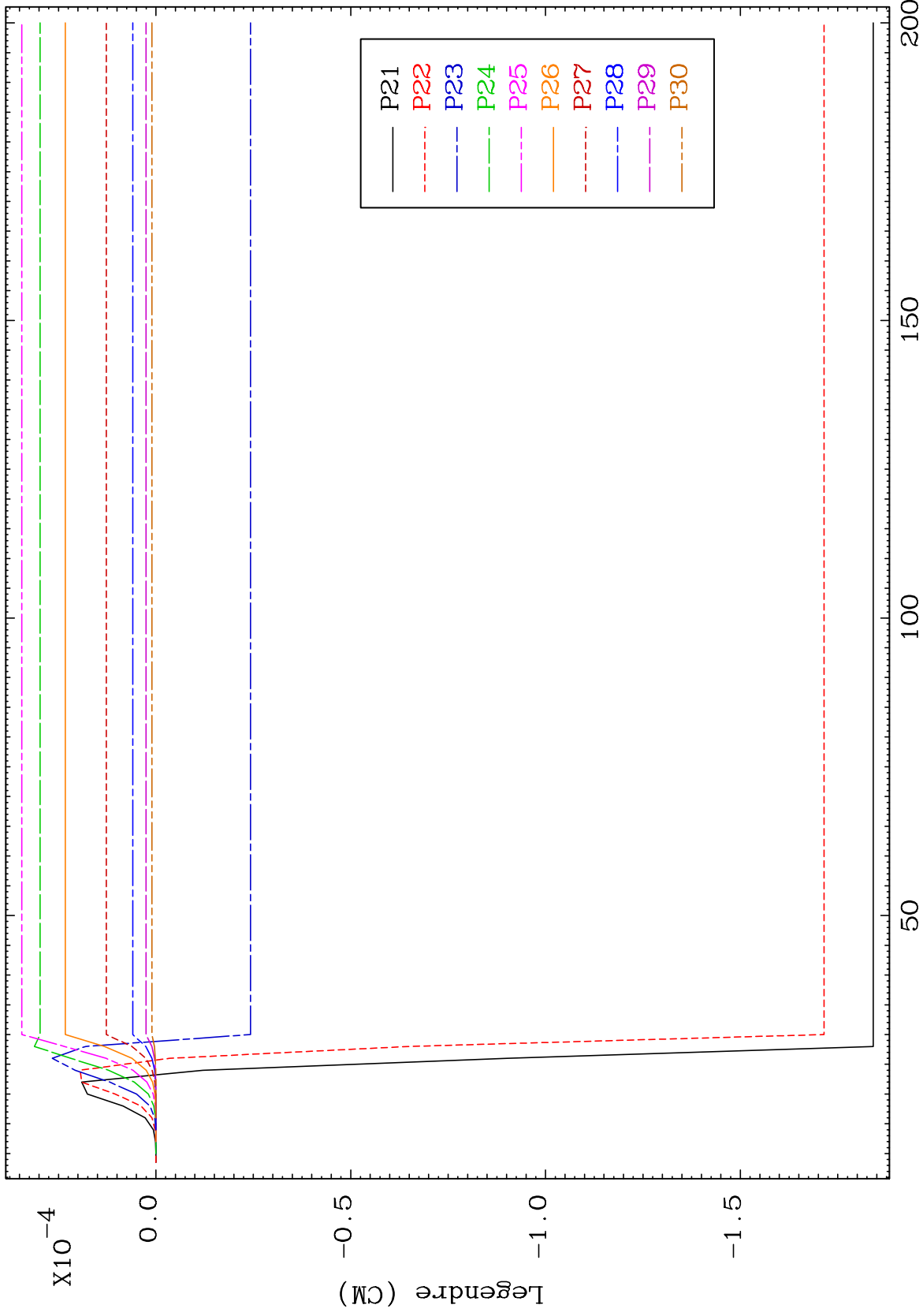


36

Incident Energy (MeV)

86-Rn-211

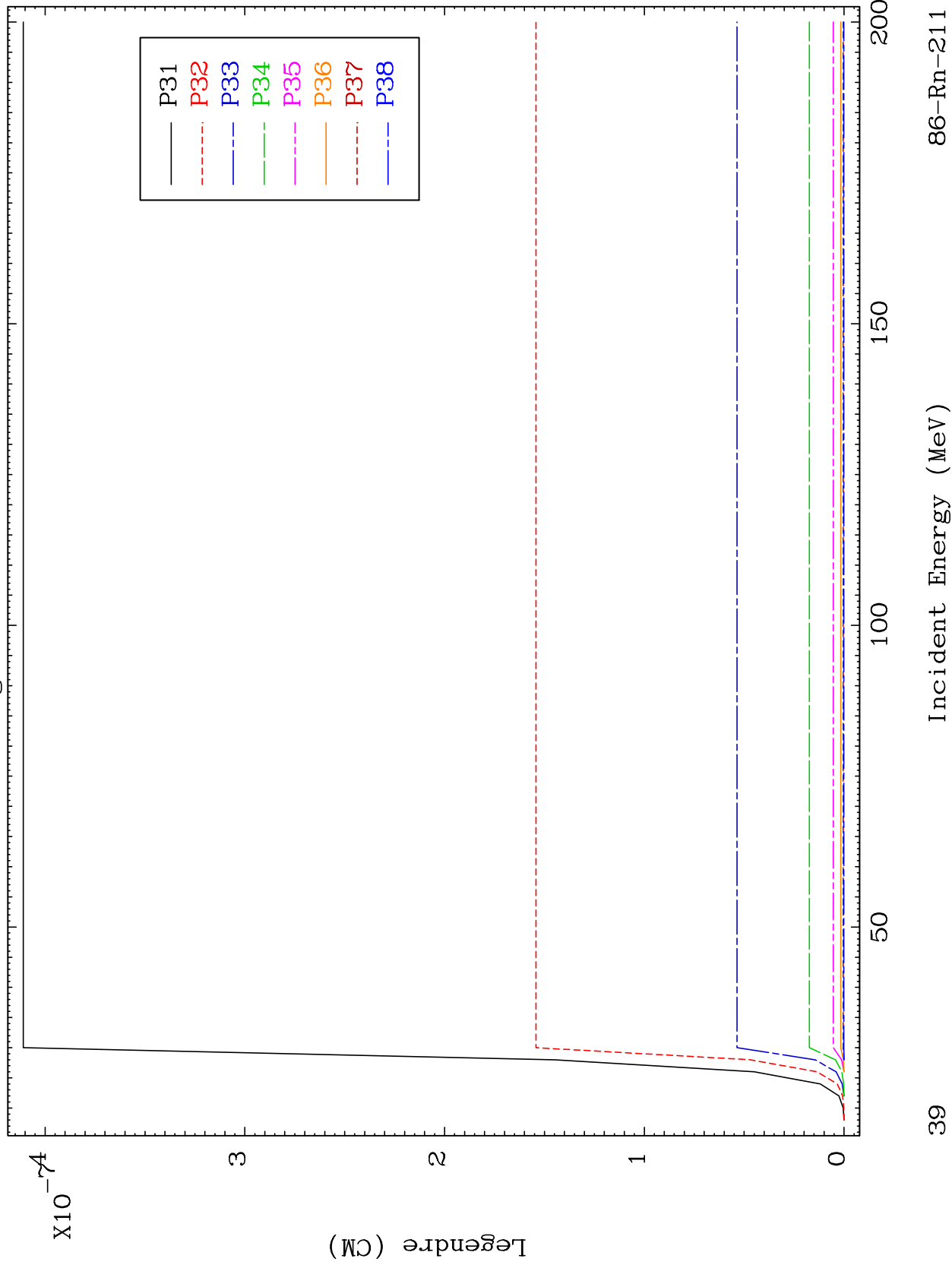


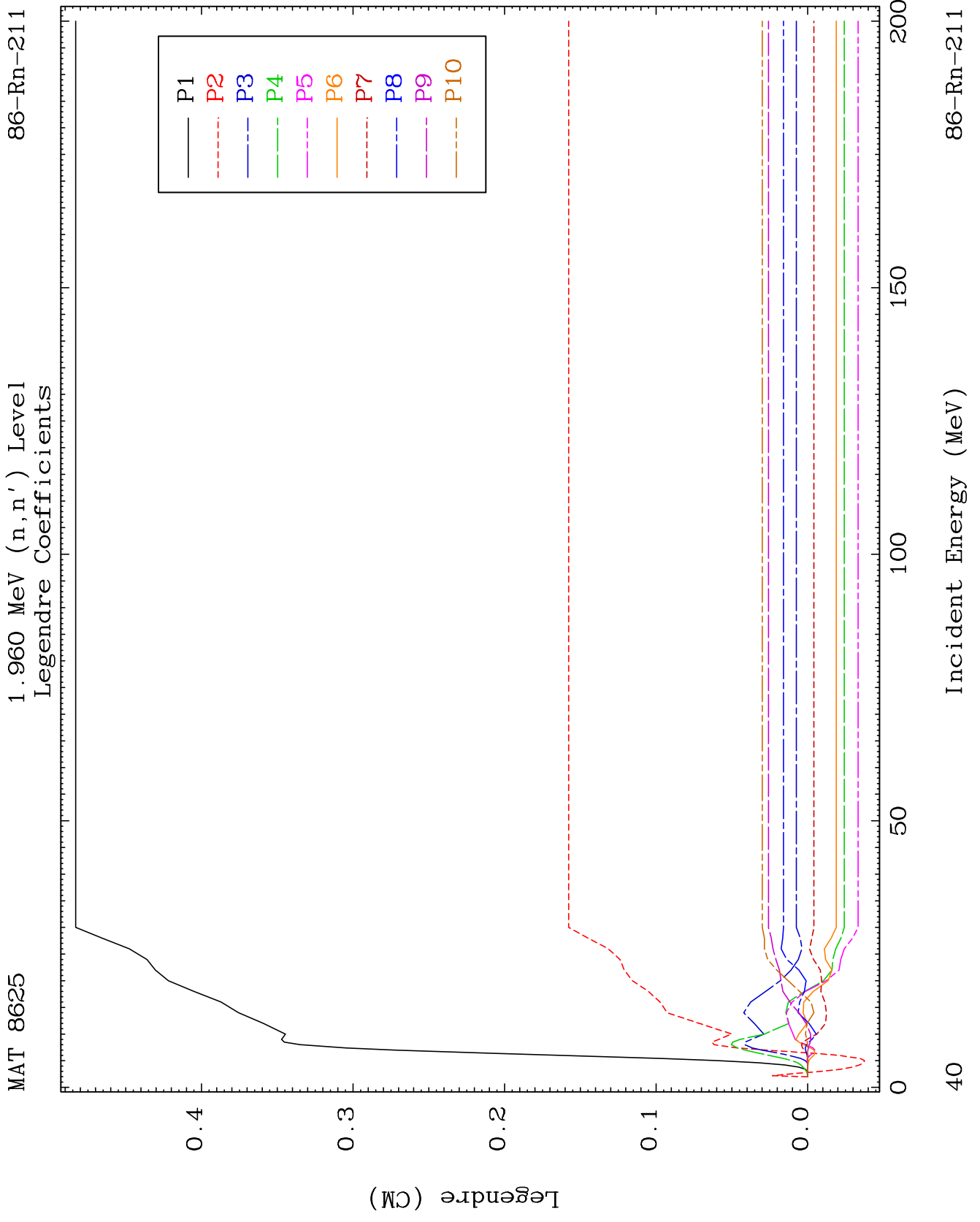


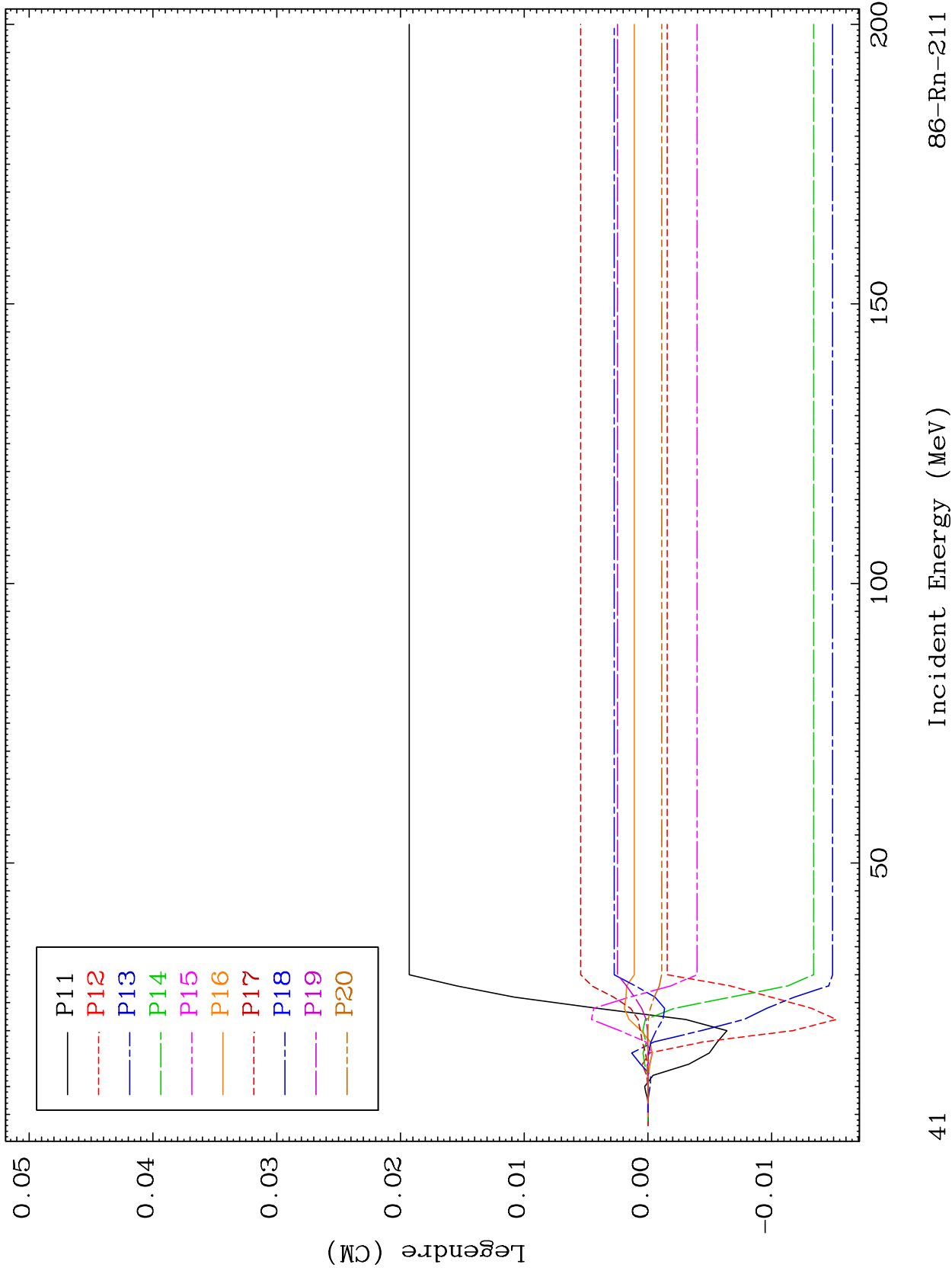
MAT 8625

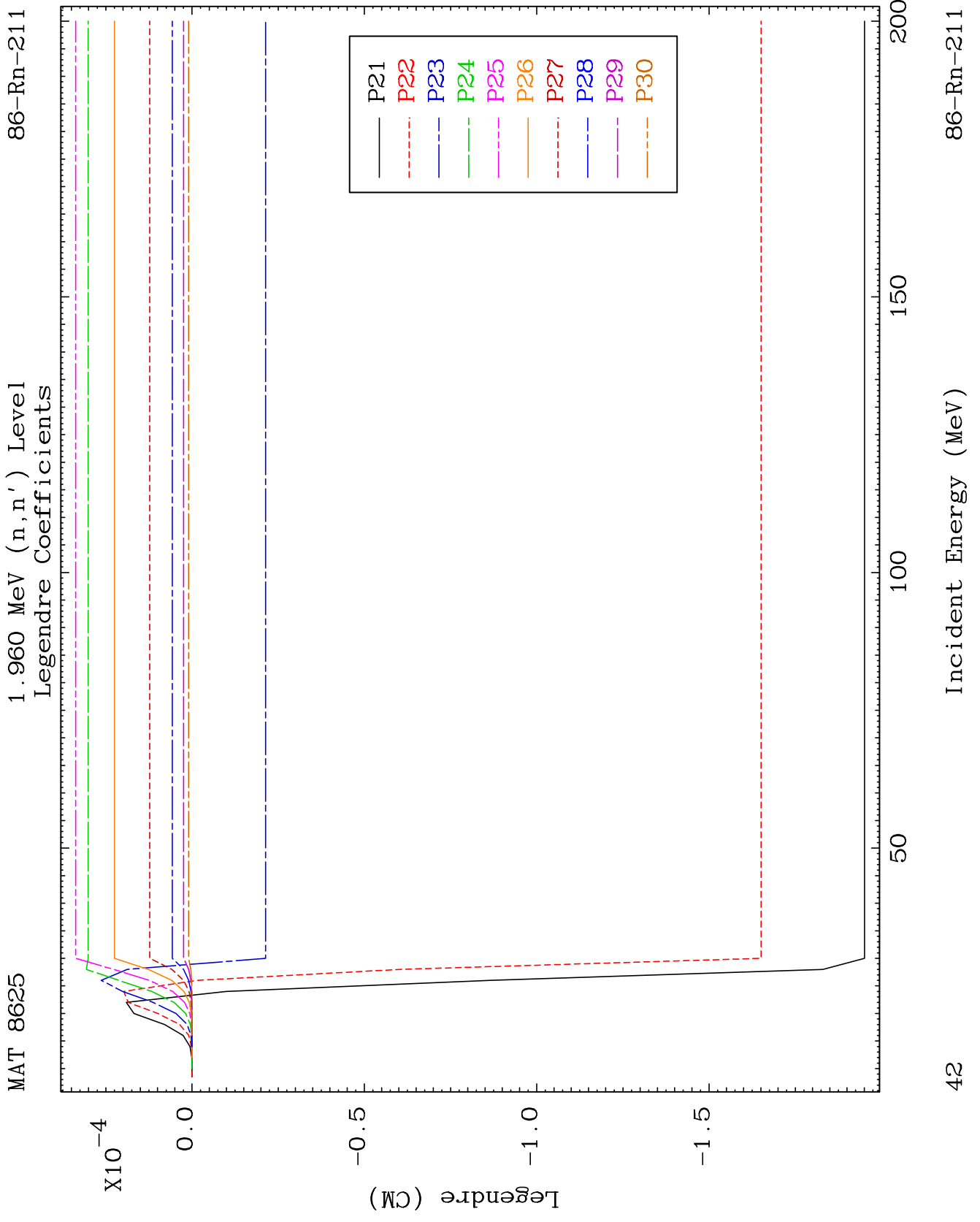
1.739 MeV (n,n') Level
Legendre Coefficients

86-Rn-211





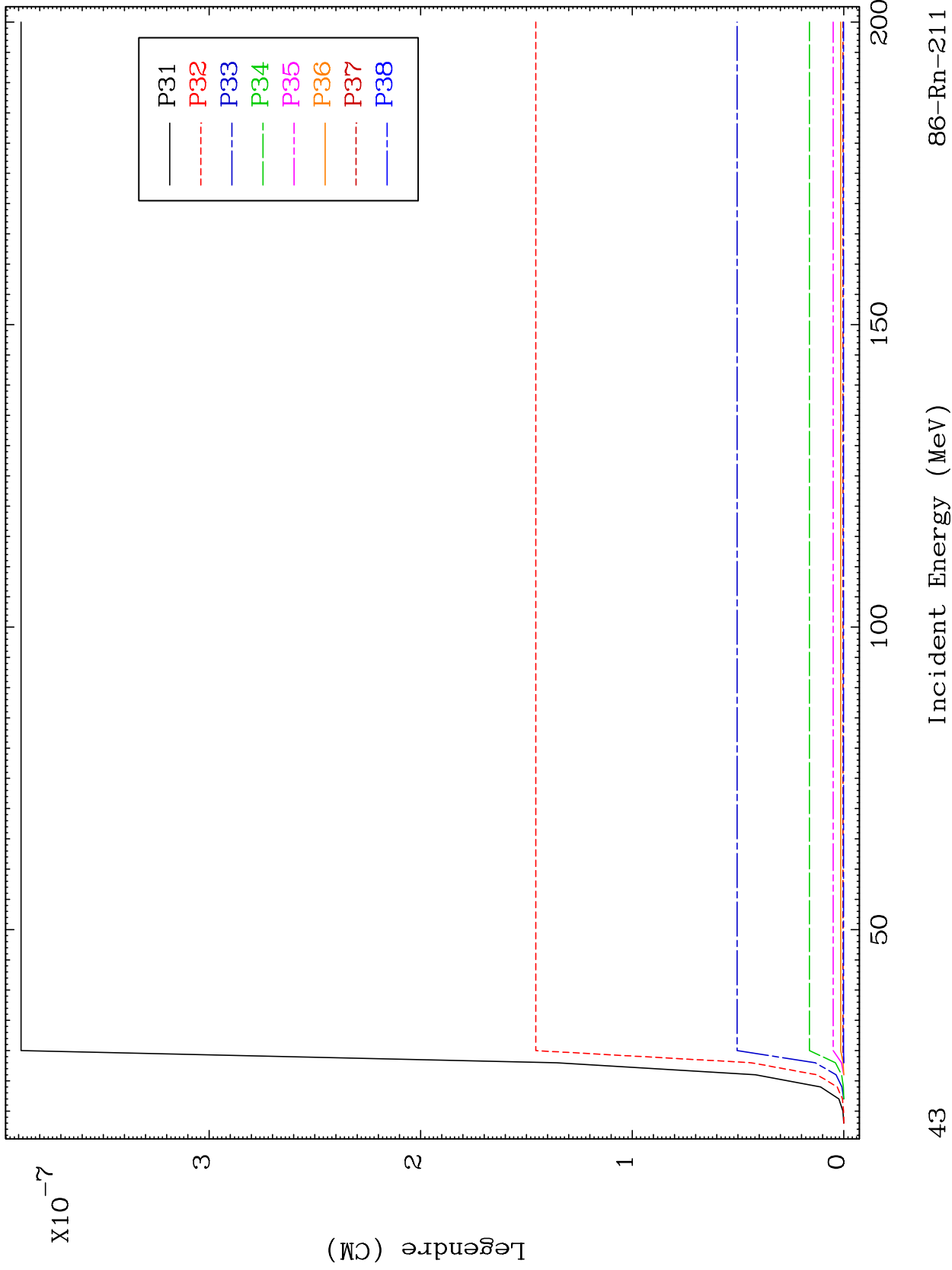




MAT 8625

1.960 MeV (n,n') Level
Legendre Coefficients

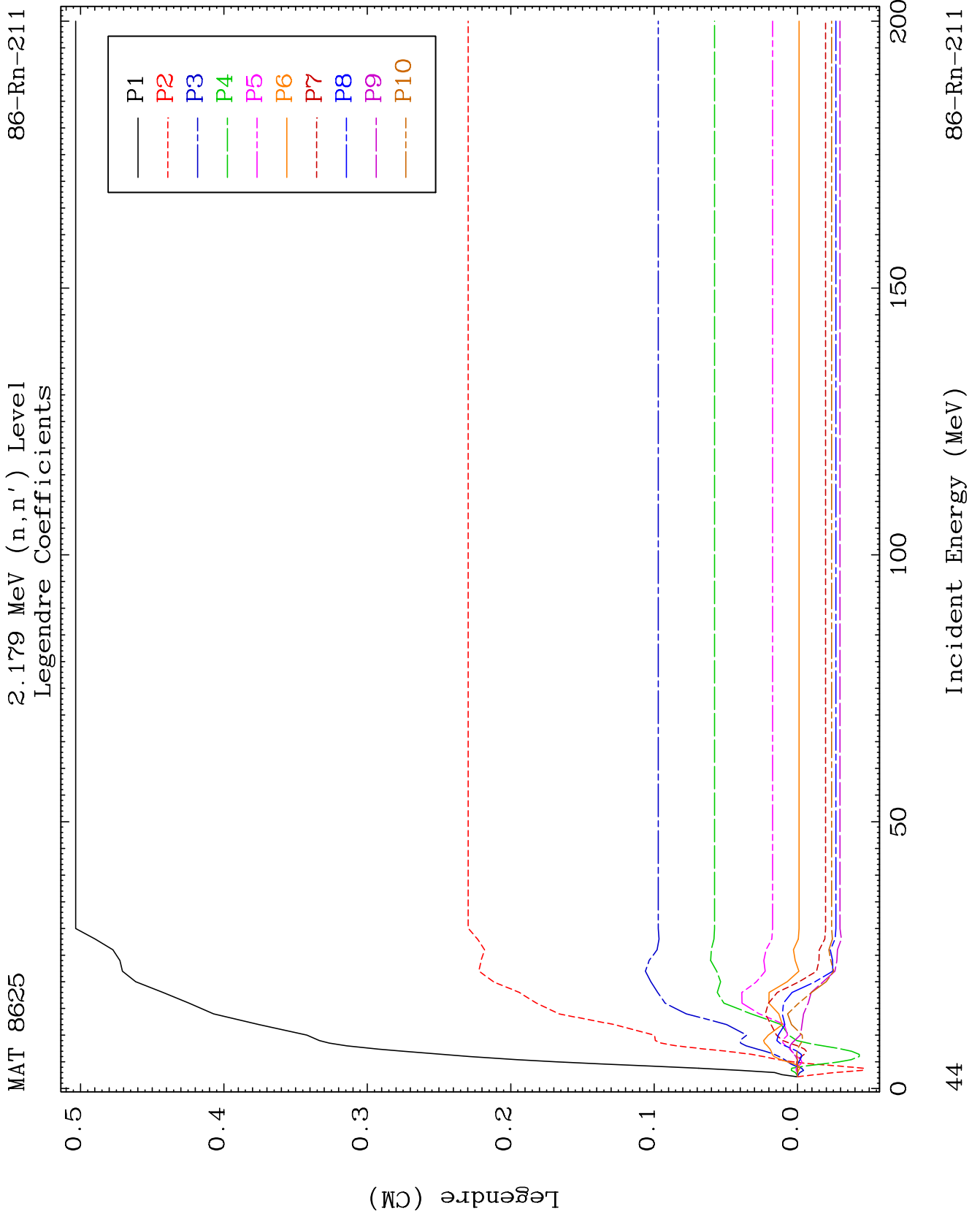
86-Rn-211



43

Incident Energy (MeV)

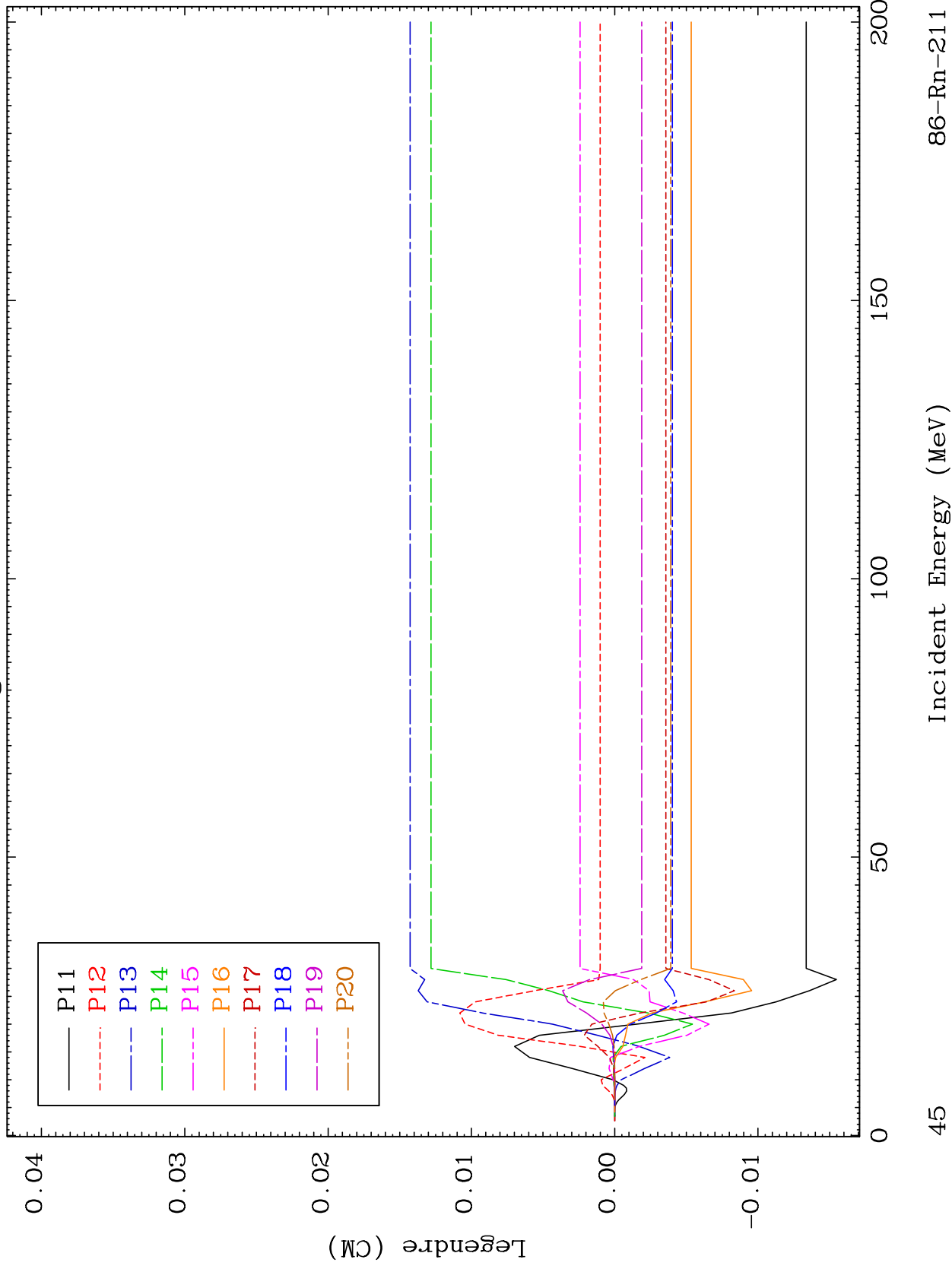
86-Rn-211



MAT 8625

2.179 MeV (n, n') Level
Legendre Coefficients

86-Rn-211



86-Rn-211

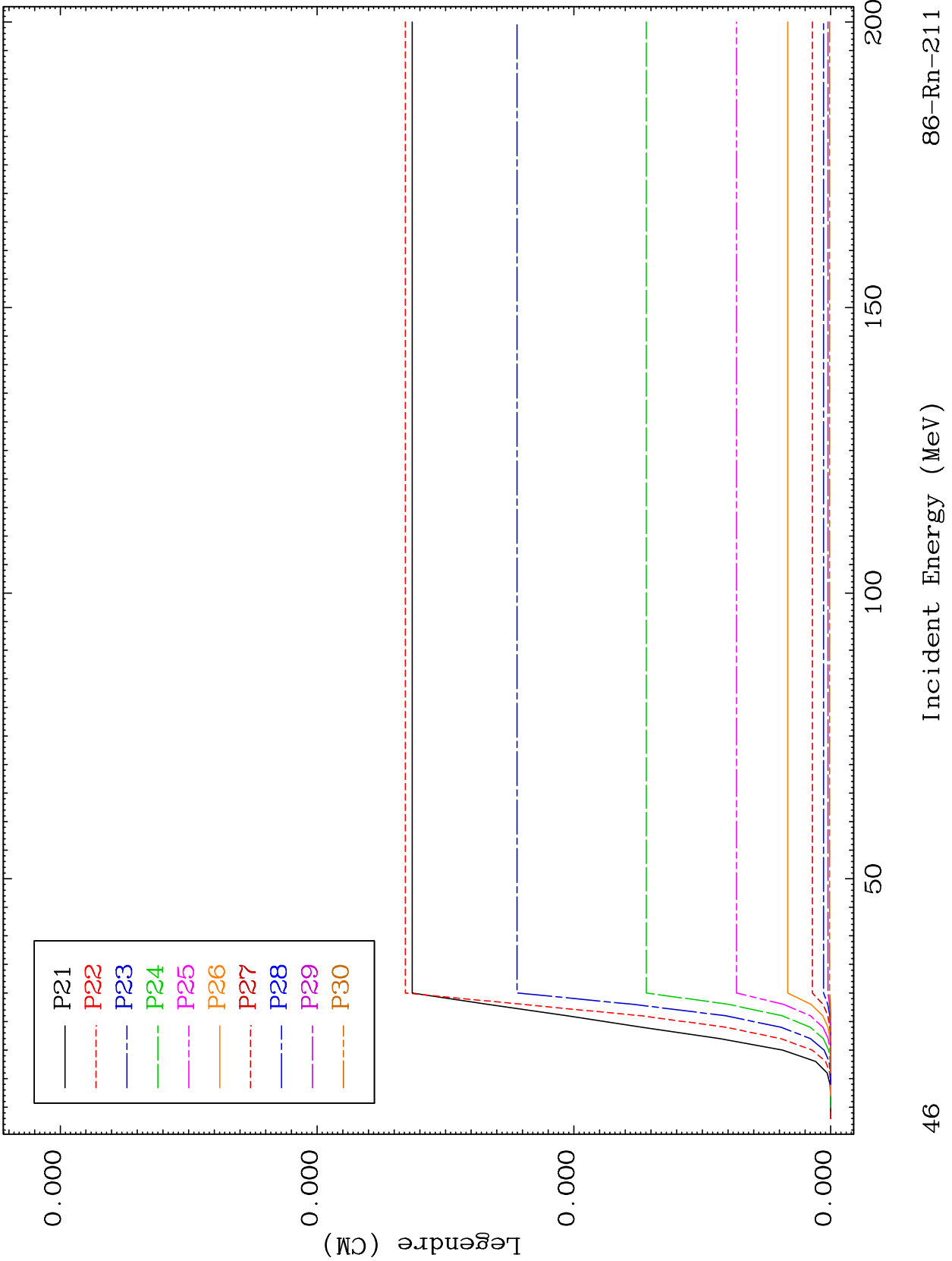
Incident Energy (MeV)

45

MAT 8625

2.179 MeV (n, n') Level
Legendre Coefficients

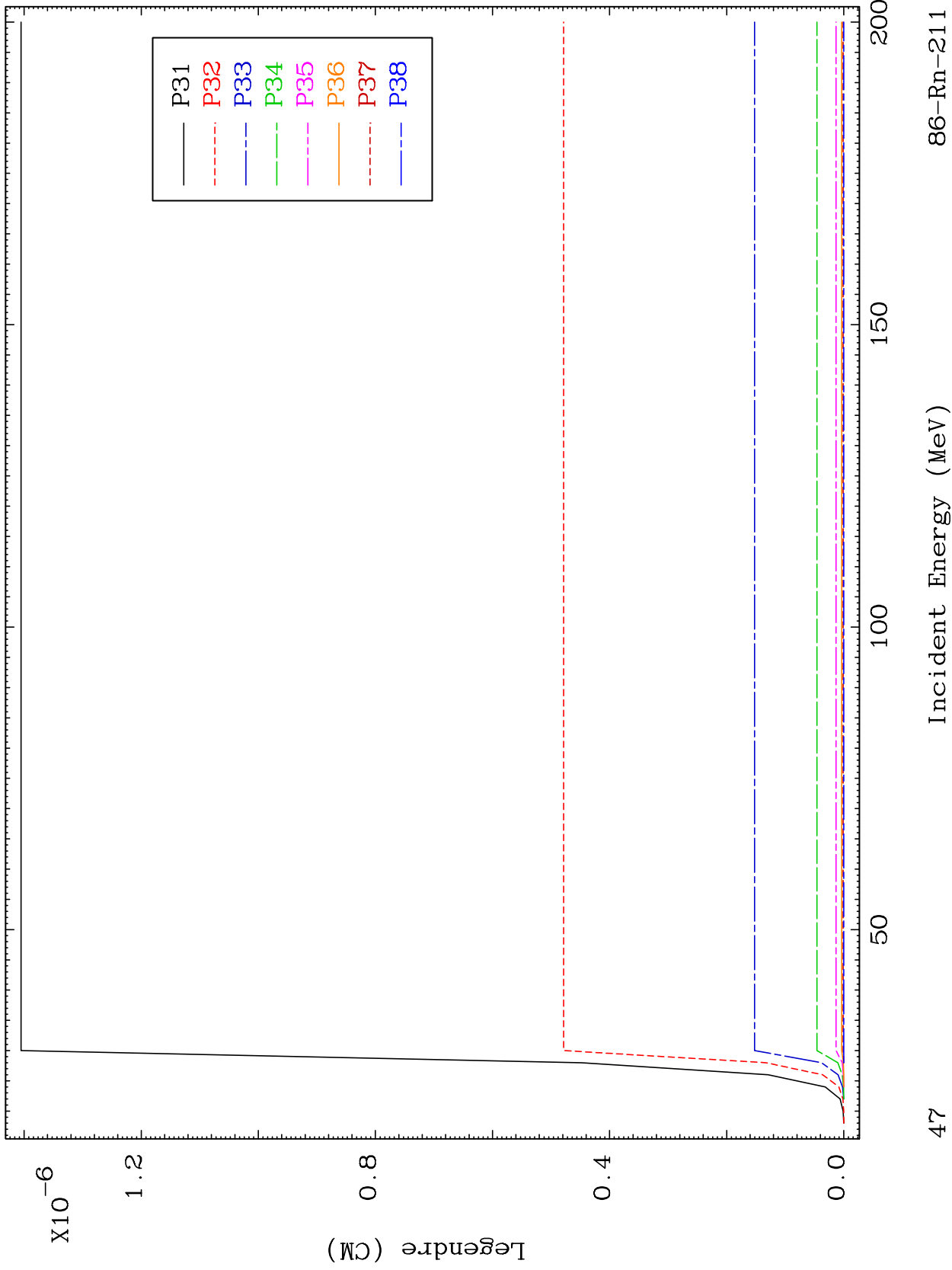
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MAT 8625

2.179 MeV (n,n') Level
Legendre Coefficients

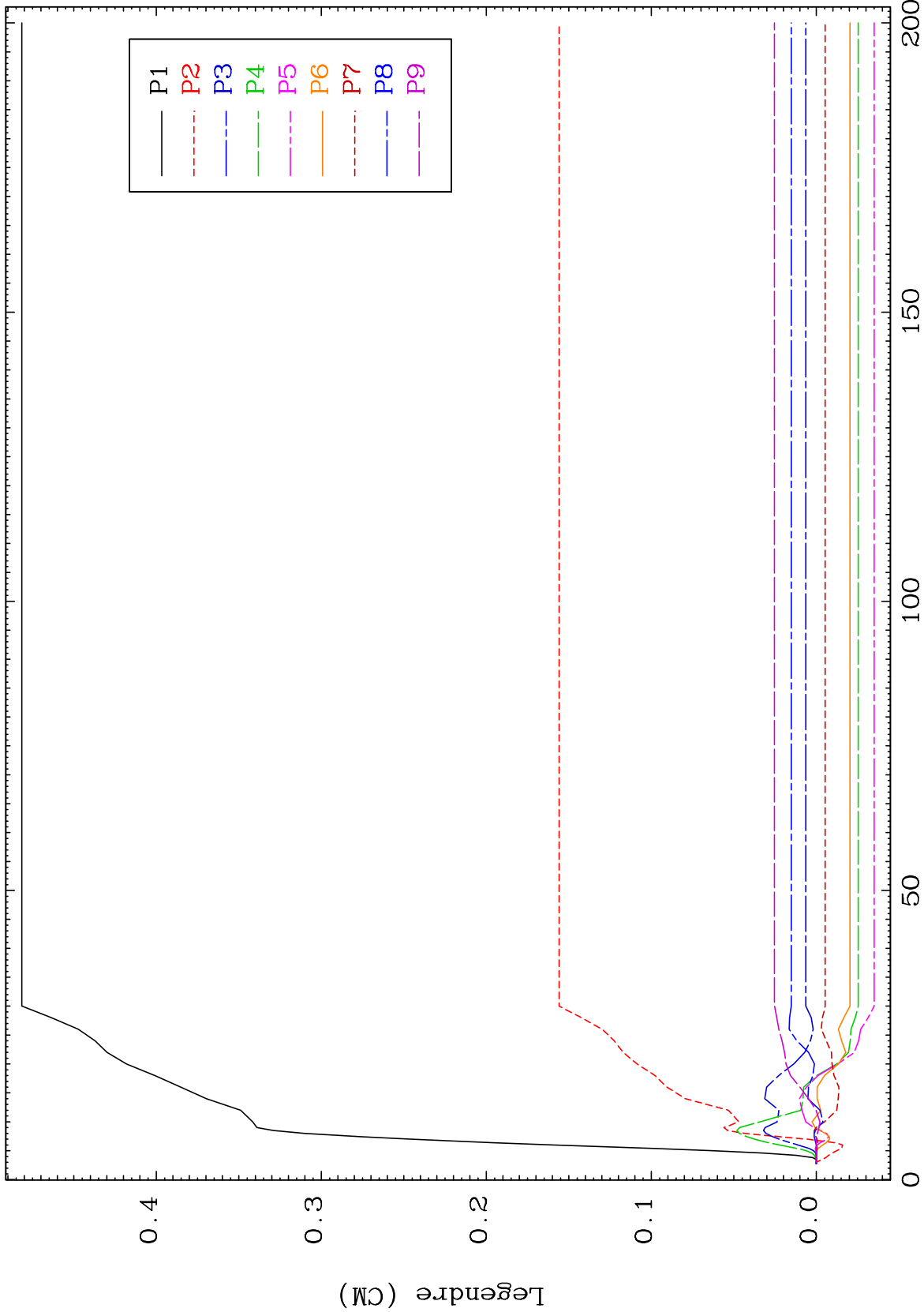
86-Rn-211



MAT 8625

2.722 MeV (n,n') Level
Legendre Coefficients

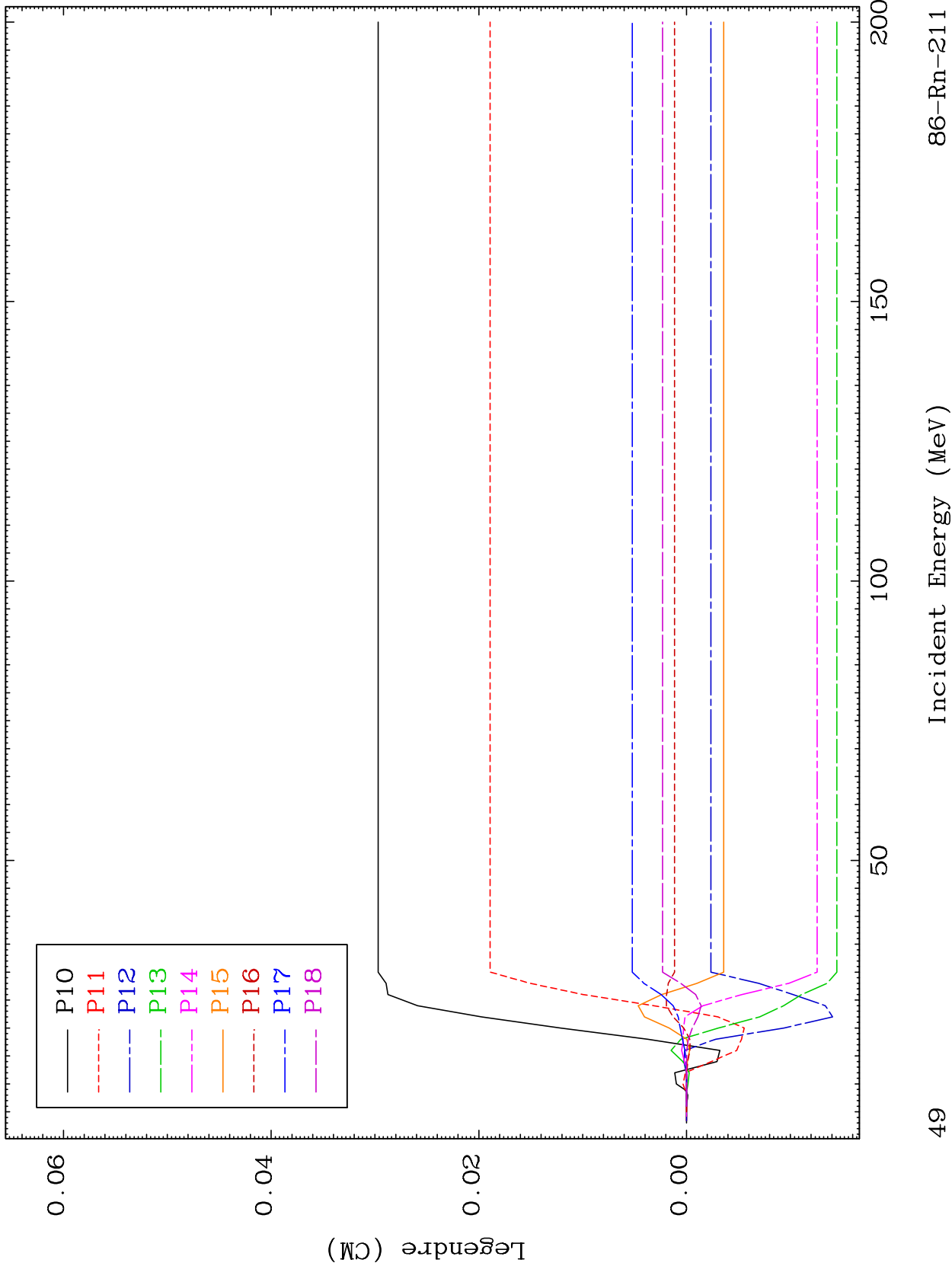
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48

Incident Energy (MeV)

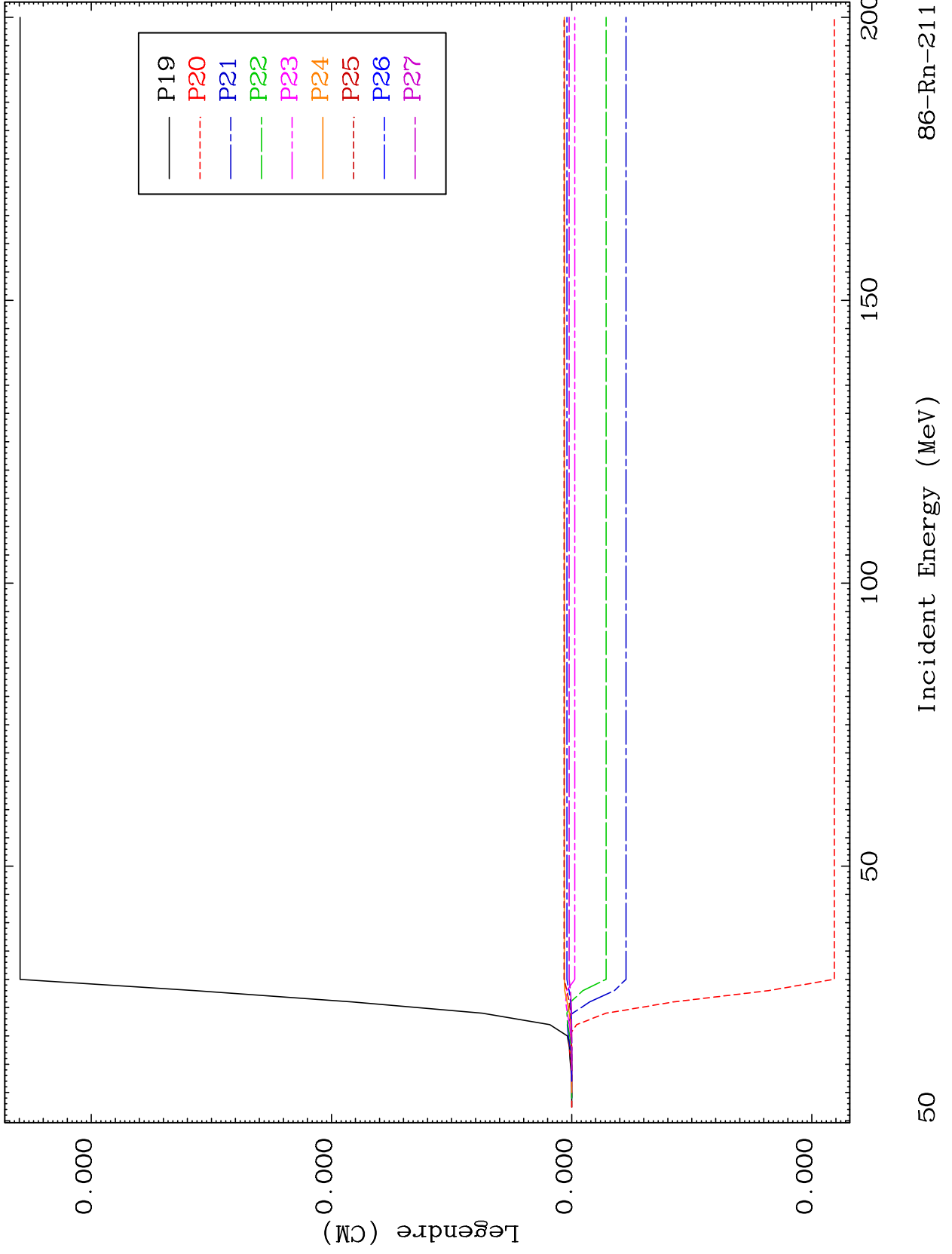
86-Rn-211



MAT 8625

2.722 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



50

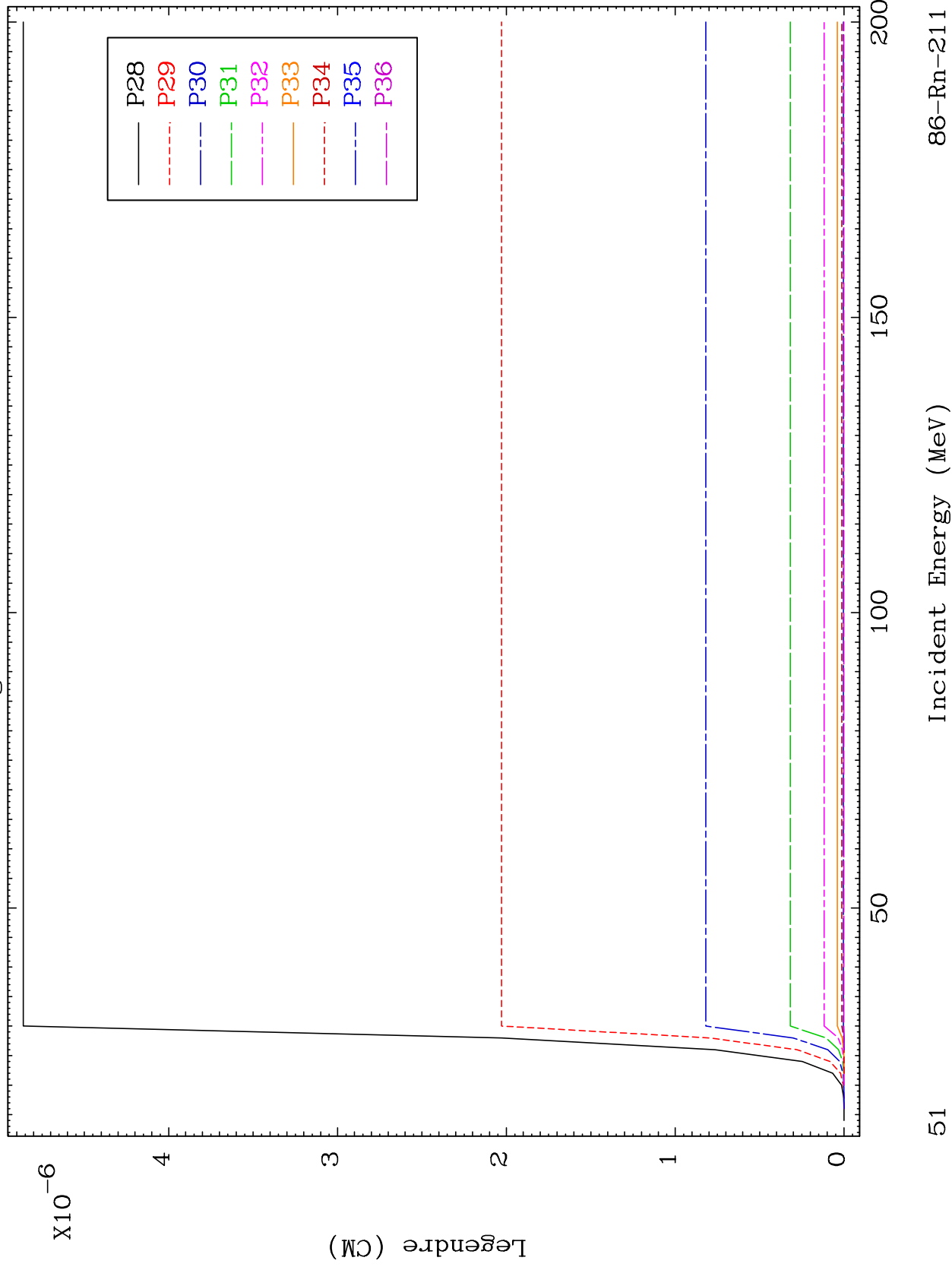
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.722 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



51

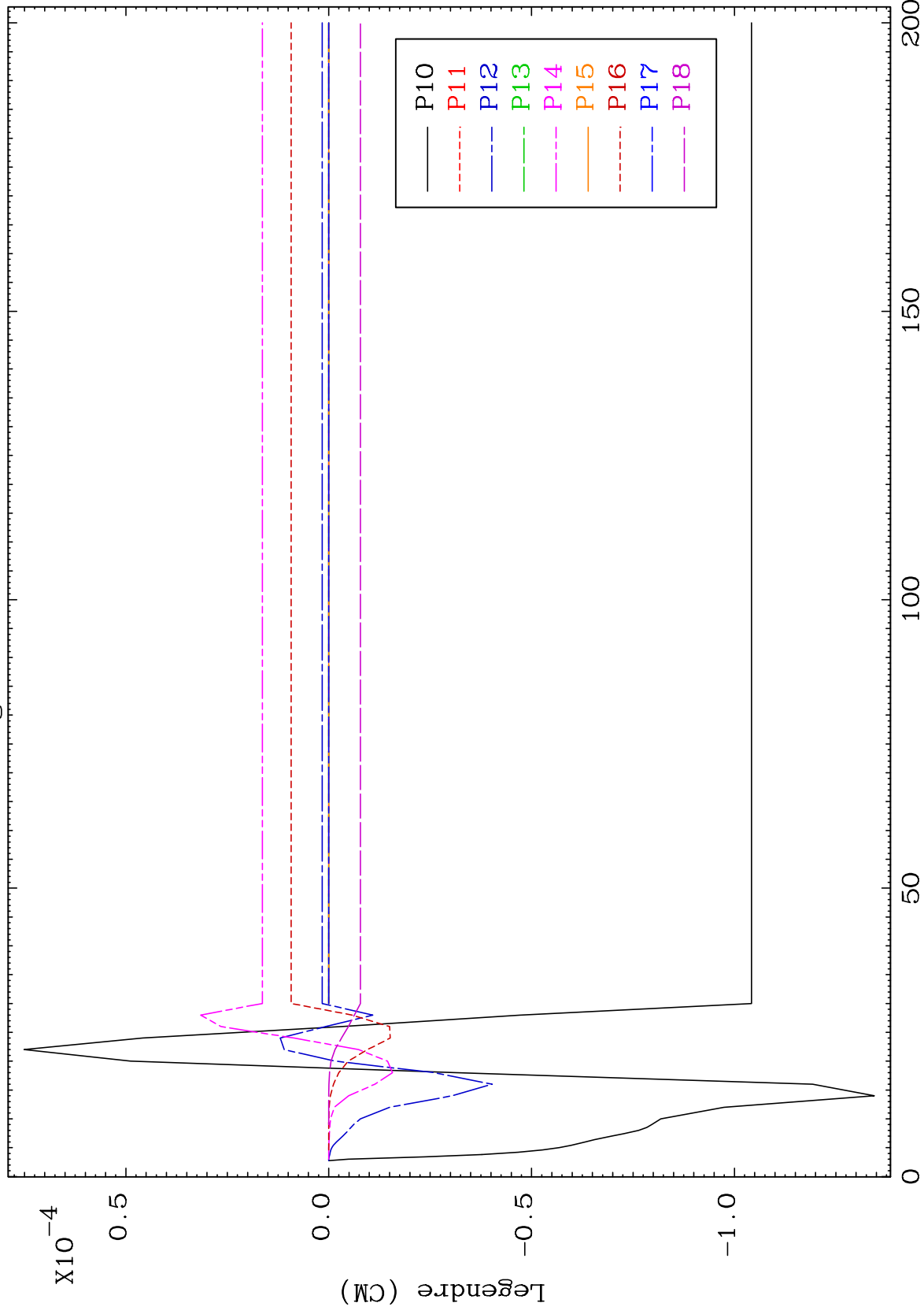
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.727 MeV (n,n') Level
Legendre Coefficients

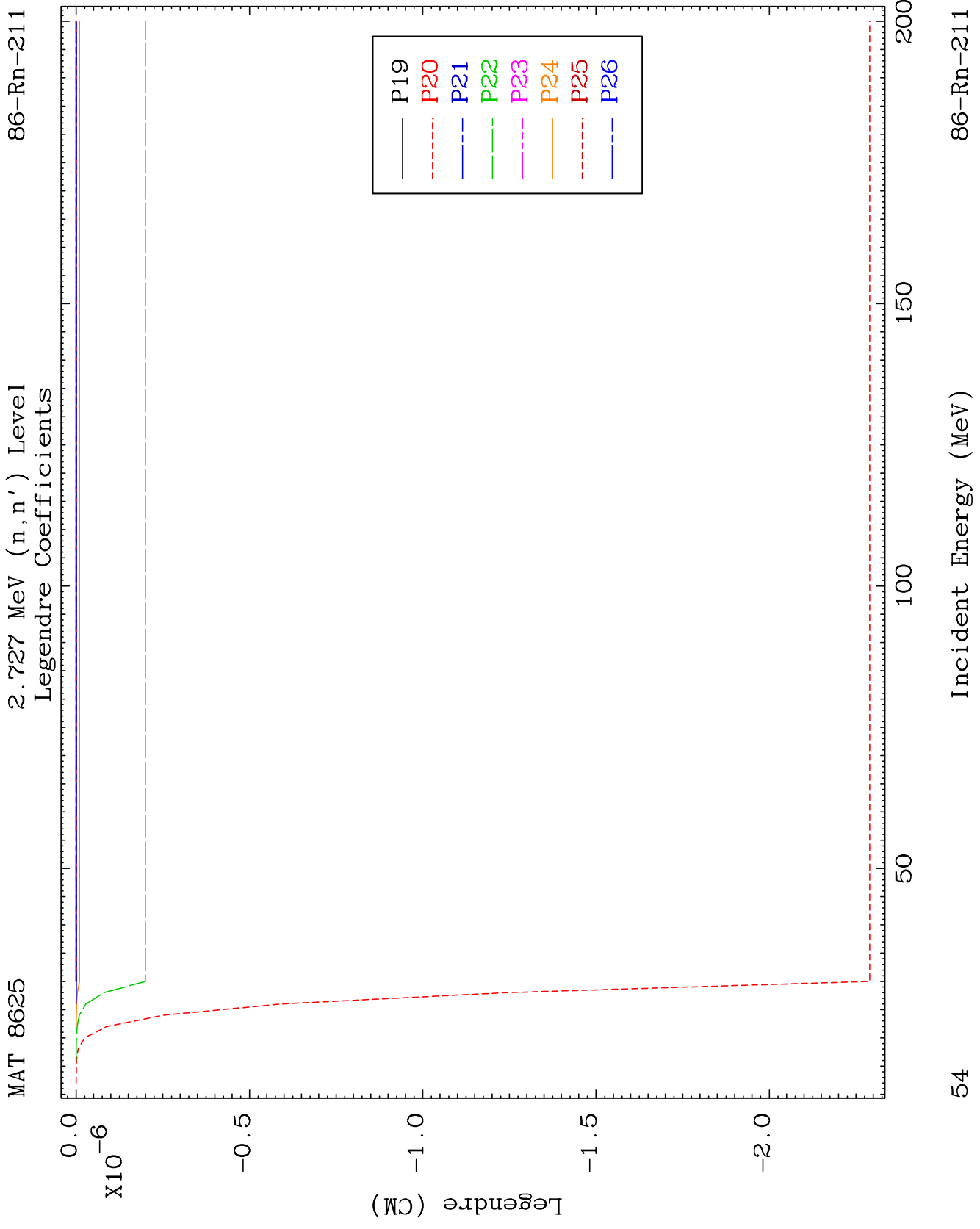
86-Rn-211



53

Incident Energy (MeV)

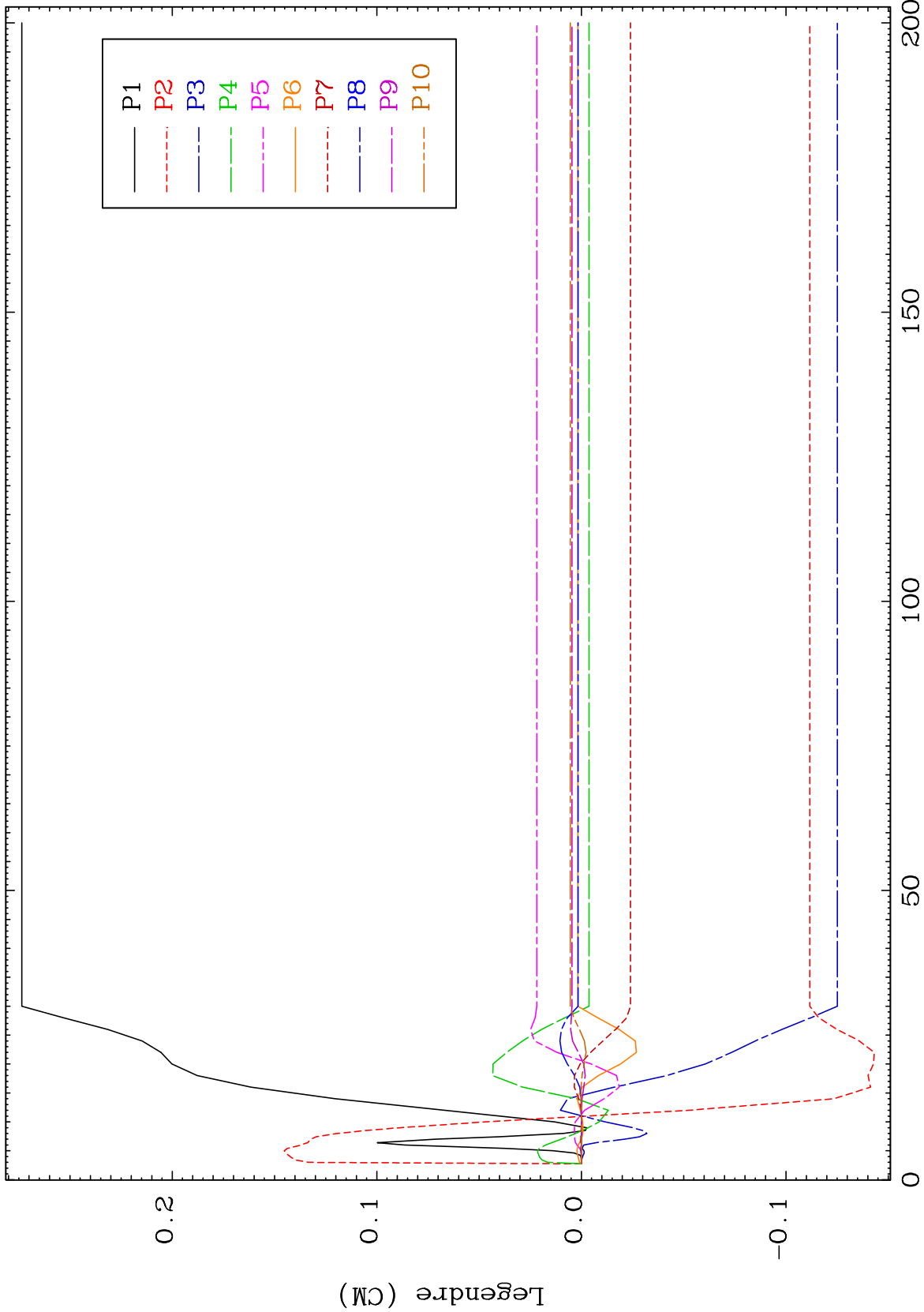
86-Rn-211



MAT 8625

2.732 MeV (n,n') Level
Legendre Coefficients

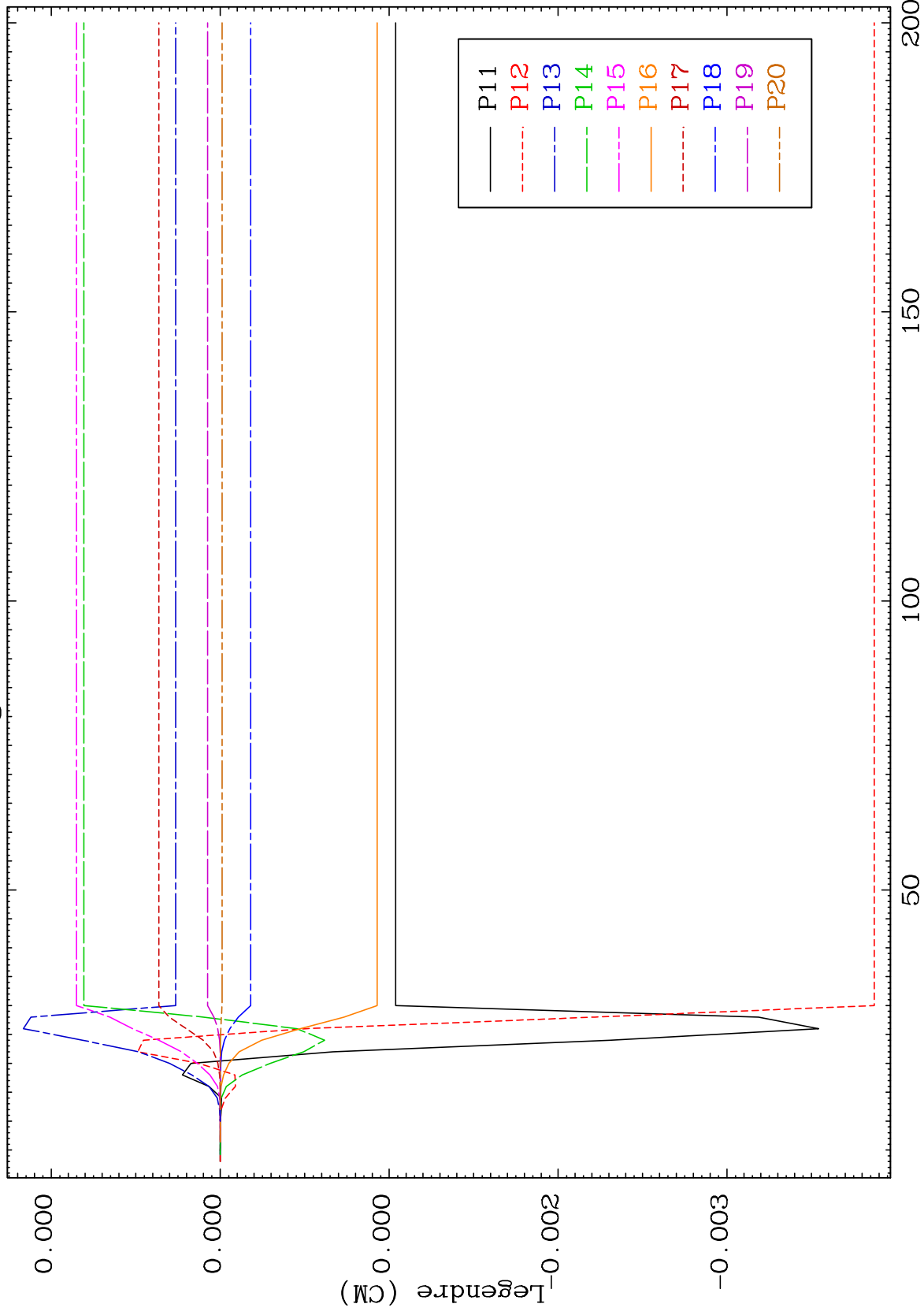
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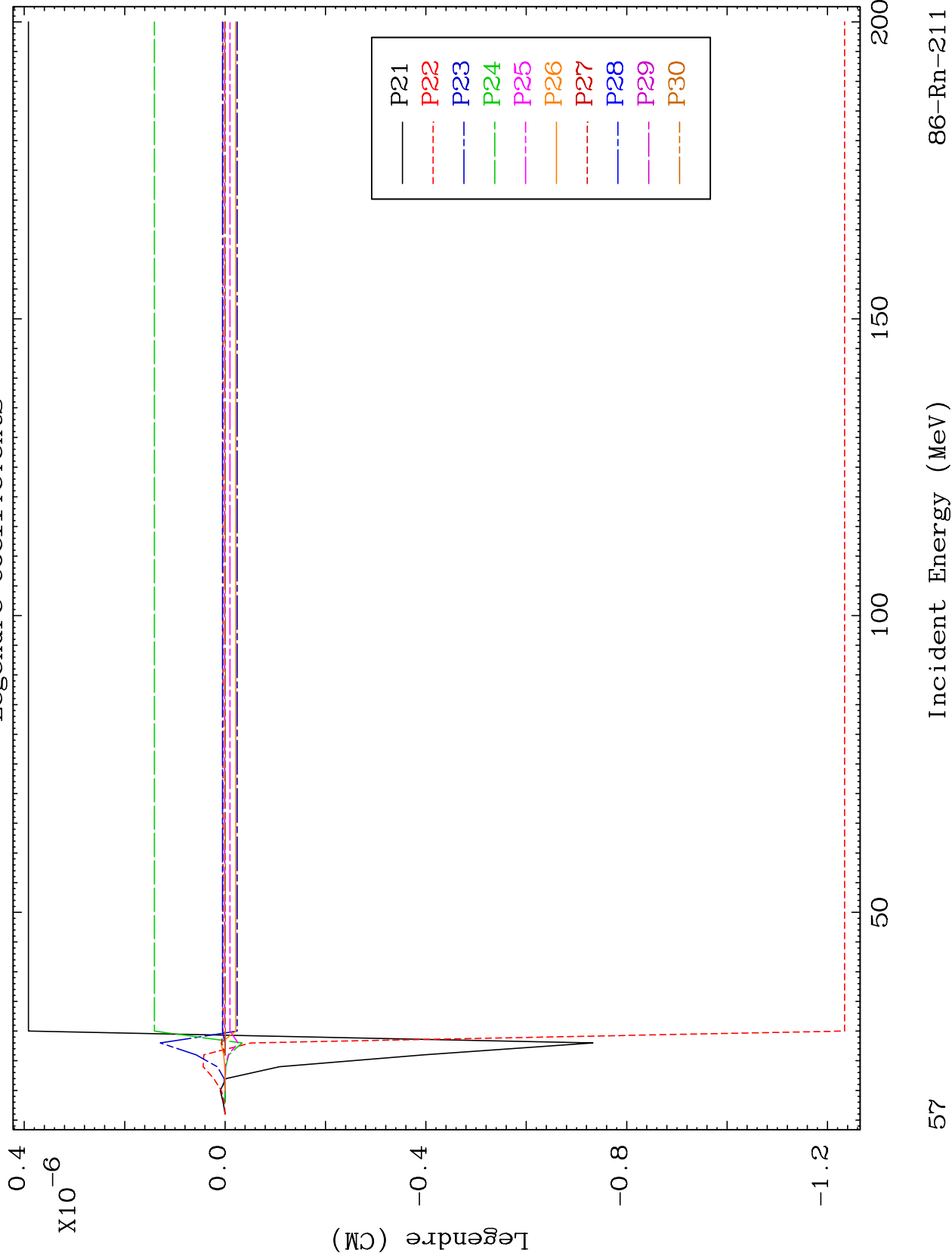


55

Incident Energy (MeV)

86-Rn-211

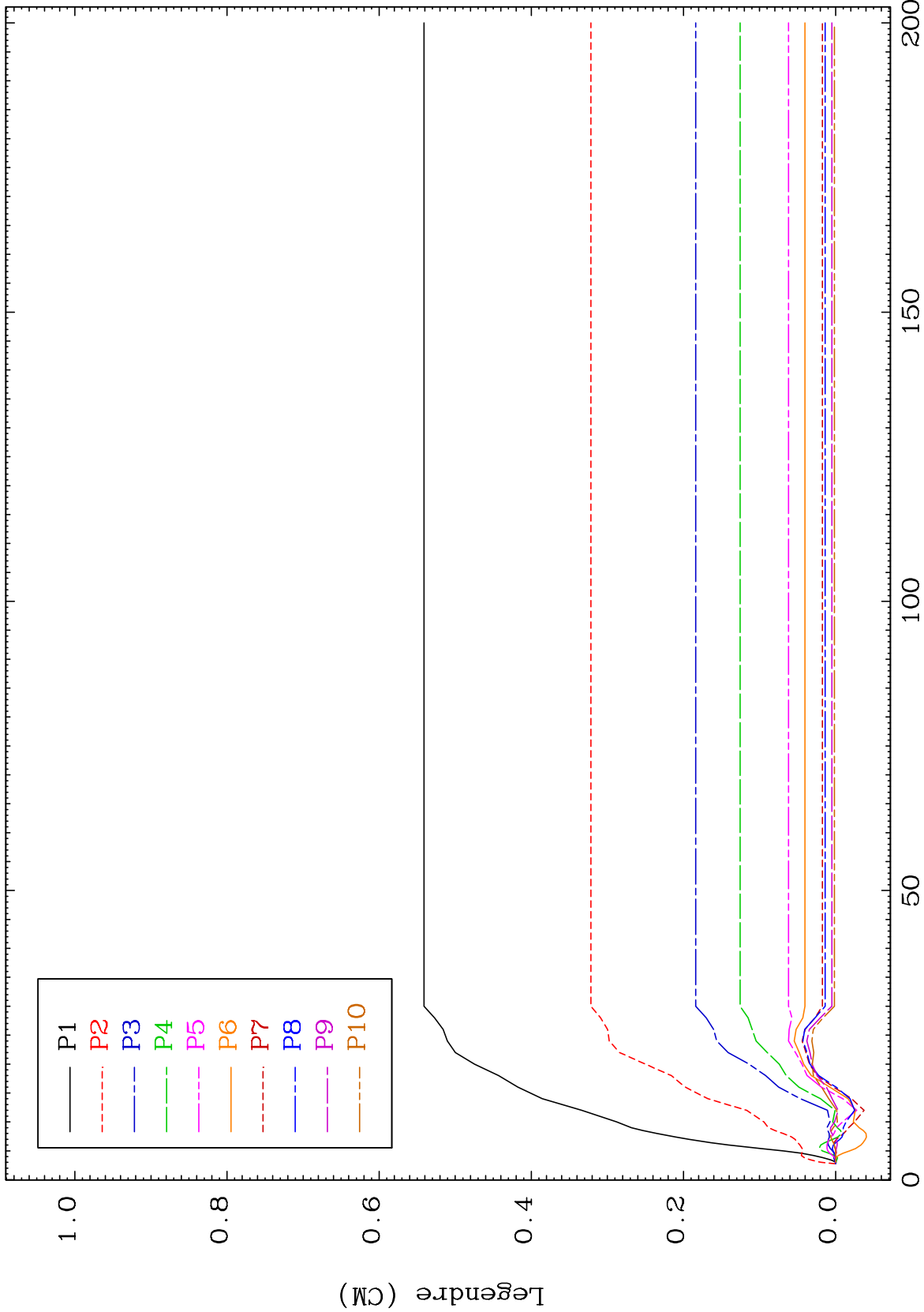




MAT 8625

2.737 MeV (n, n') Level
Legendre Coefficients

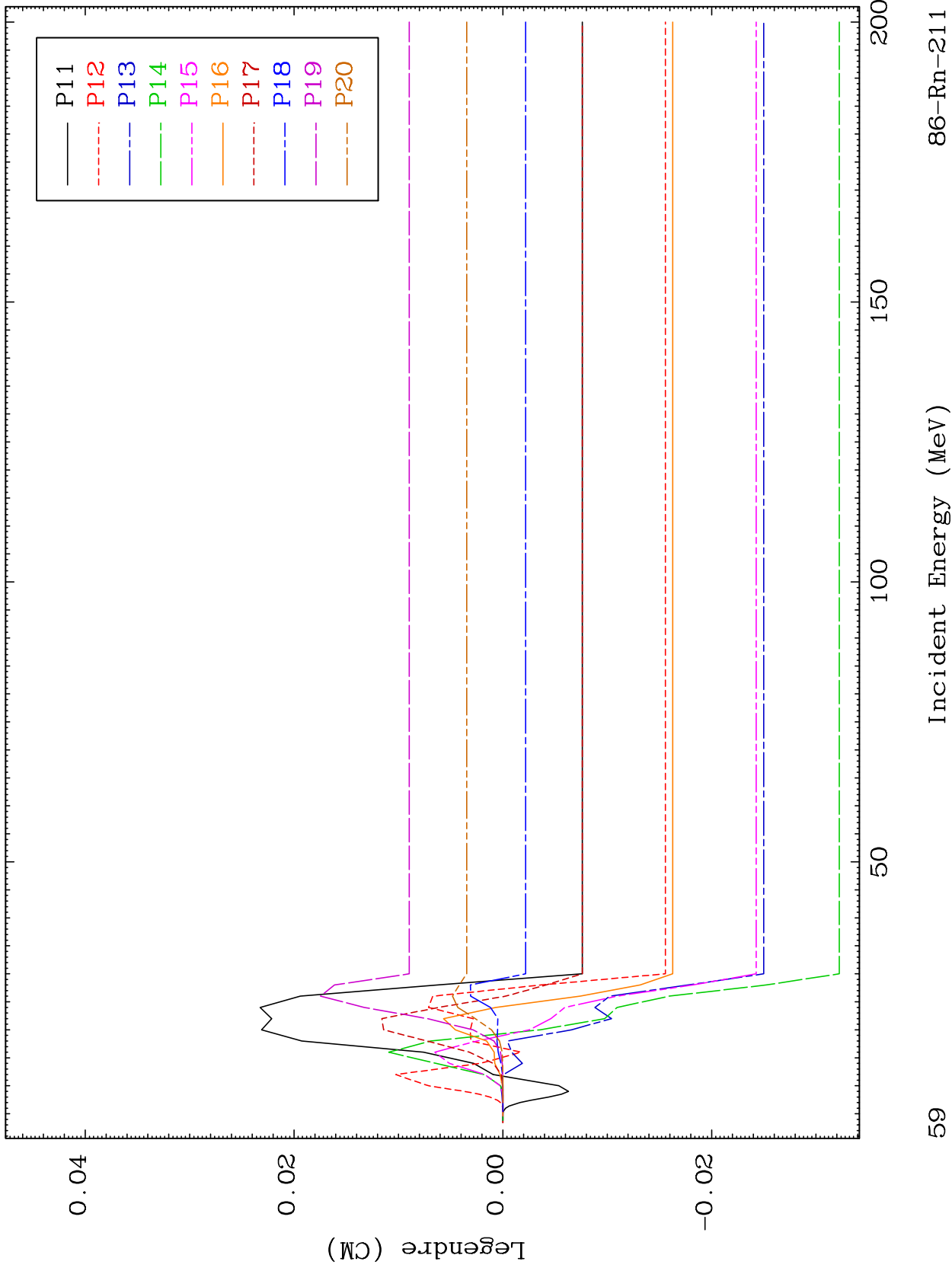
86-Rn-211



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Incident Energy (MeV)

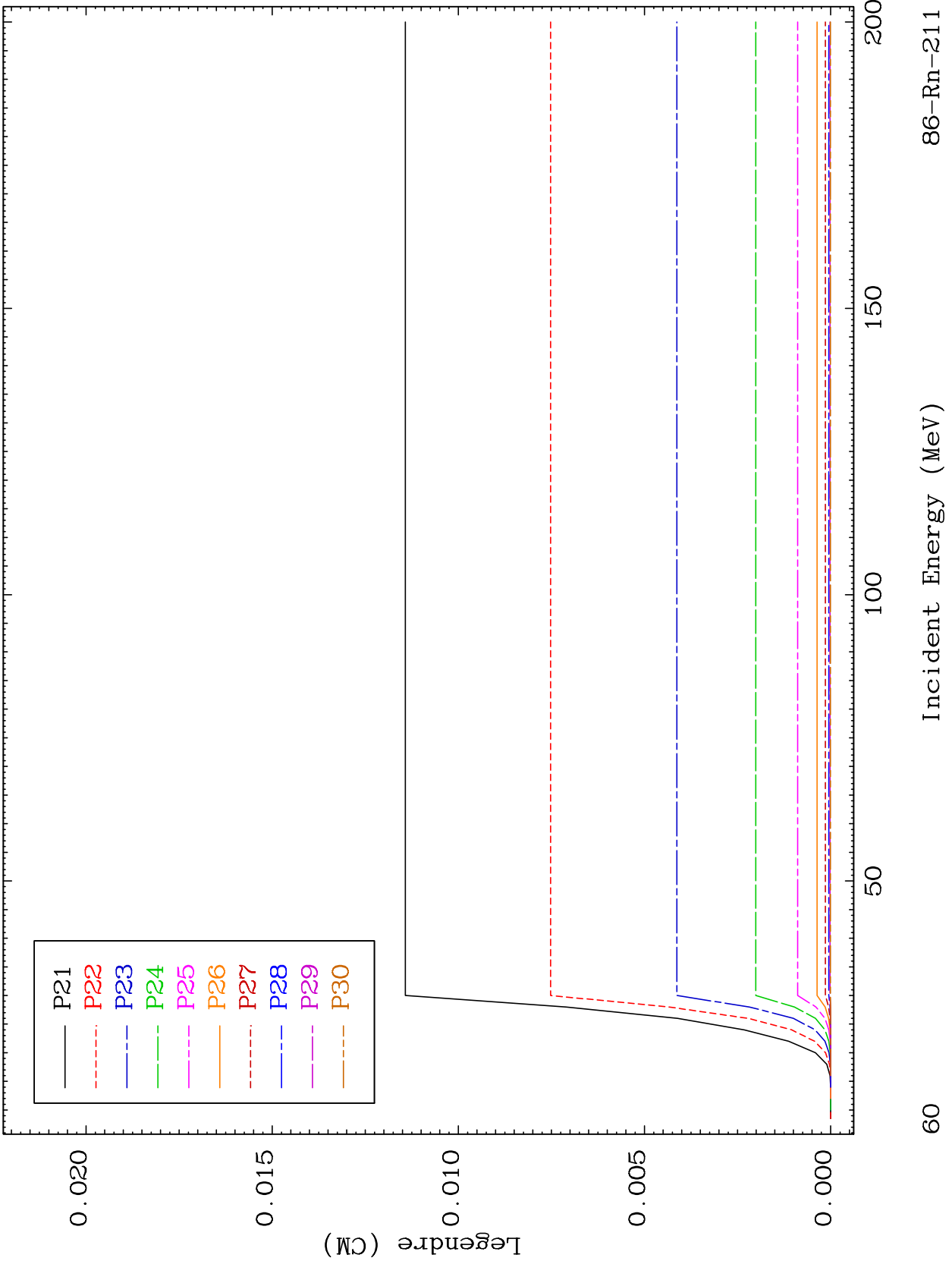
86-Rn-211



MAT 8625

2.737 MeV (n, n') Level
Legendre Coefficients

86-Rn-211



60

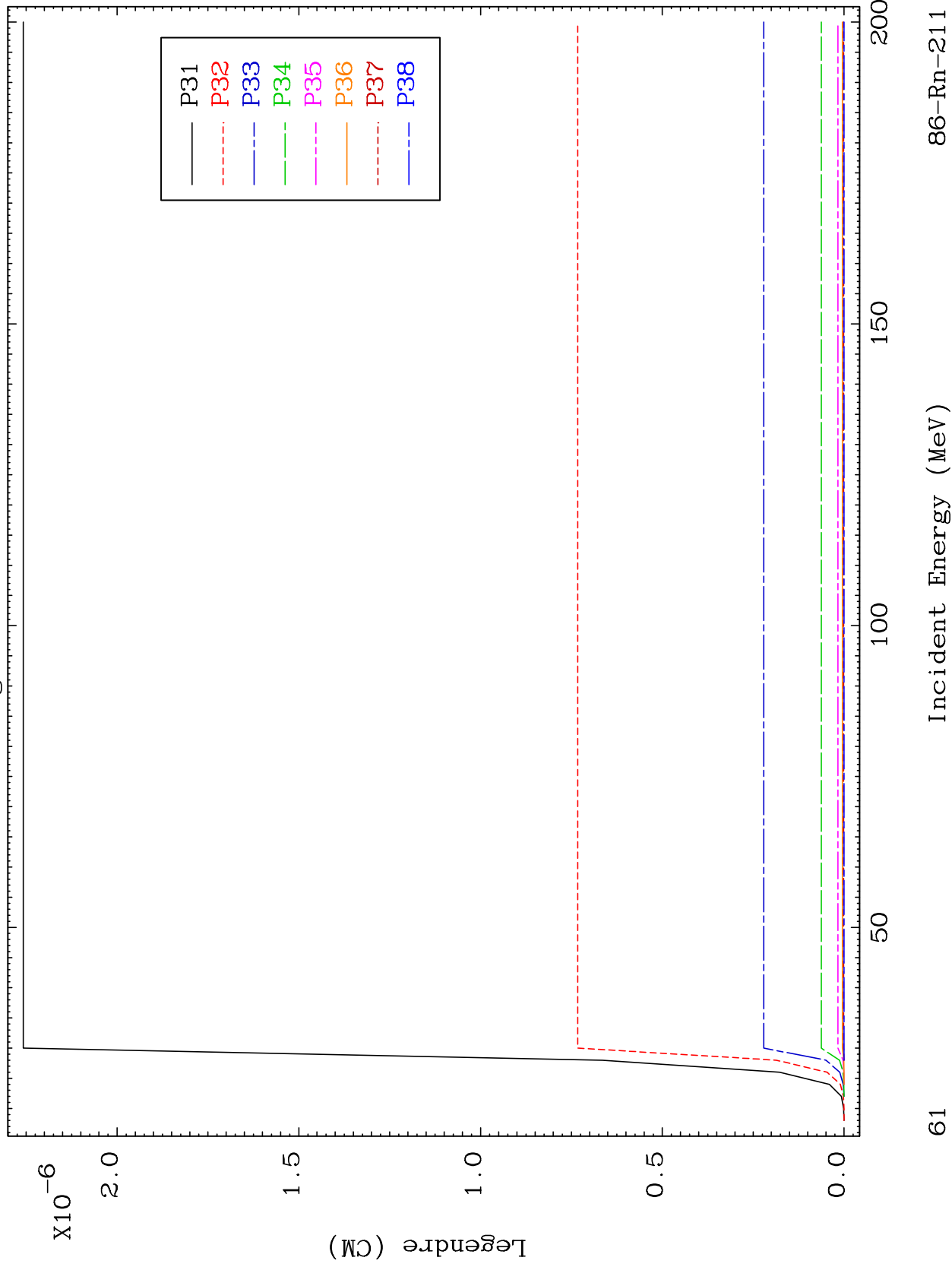
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.737 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



61

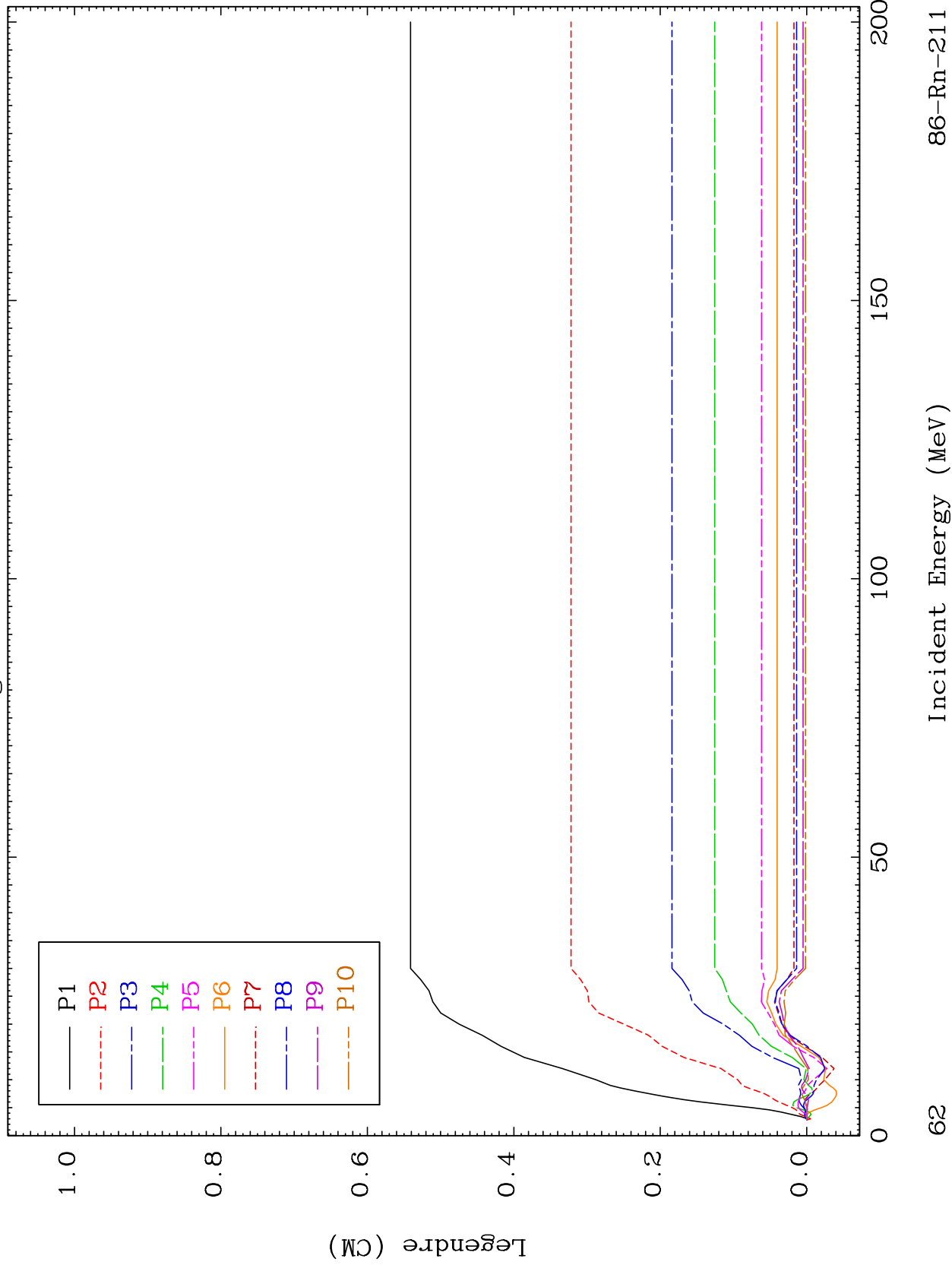
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.741 MeV (n,n') Level
Legendre Coefficients

86-Rn-211

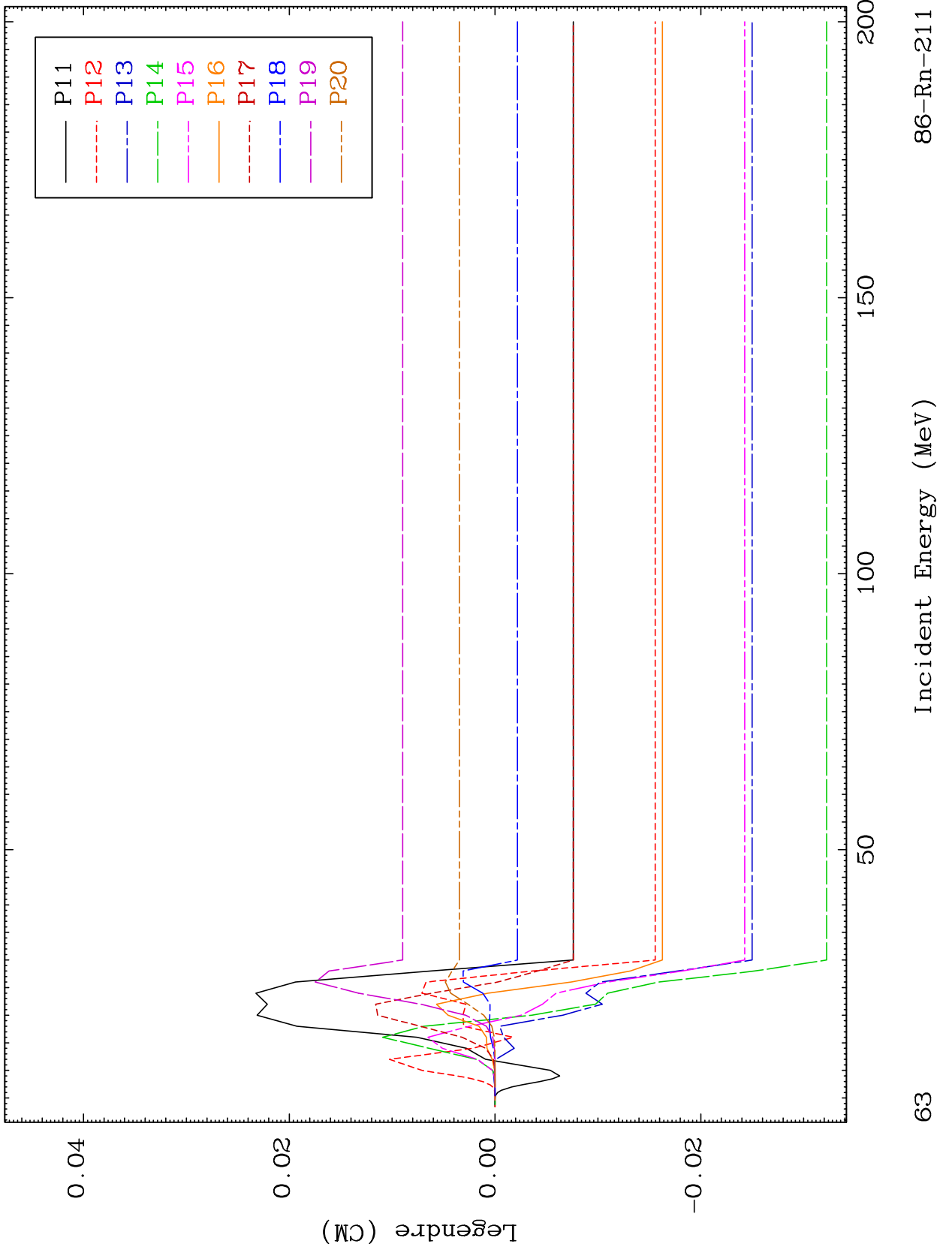


62

MAT 8625

2.741 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



63

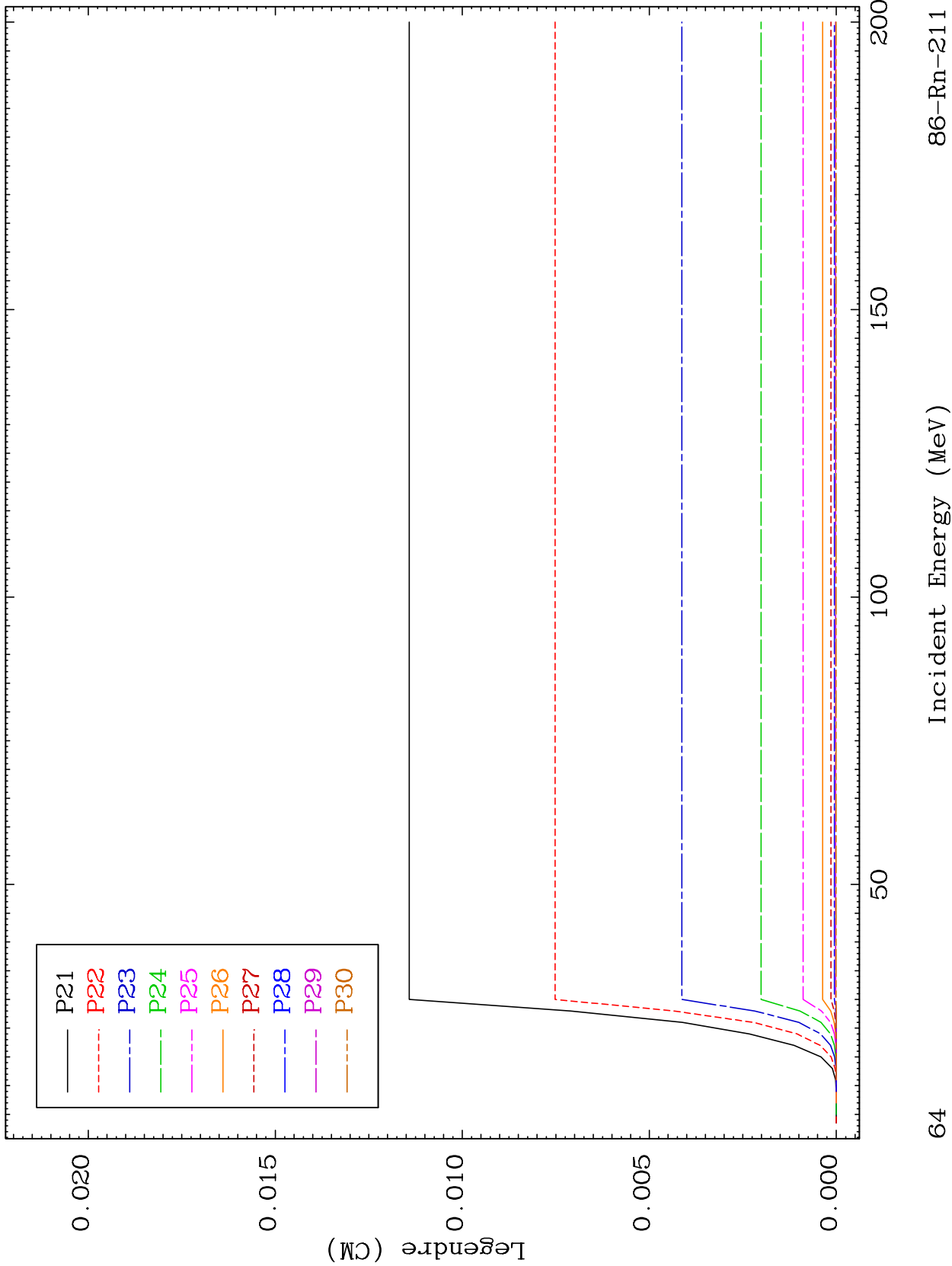
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.741 MeV (n, n') Level
Legendre Coefficients

86-Rn-211



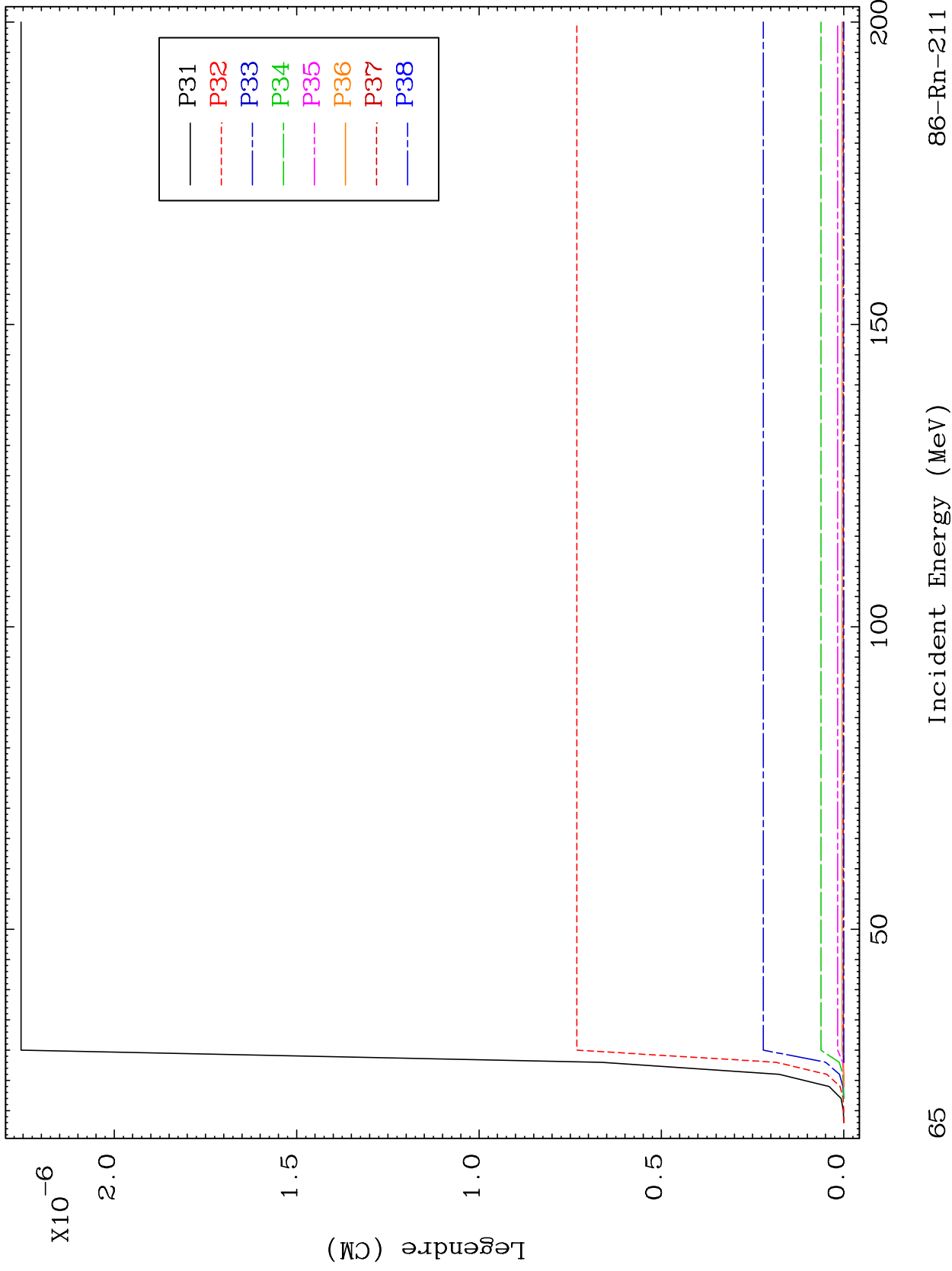
64

200

MAT 8625

2.741 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



86-Rn-211

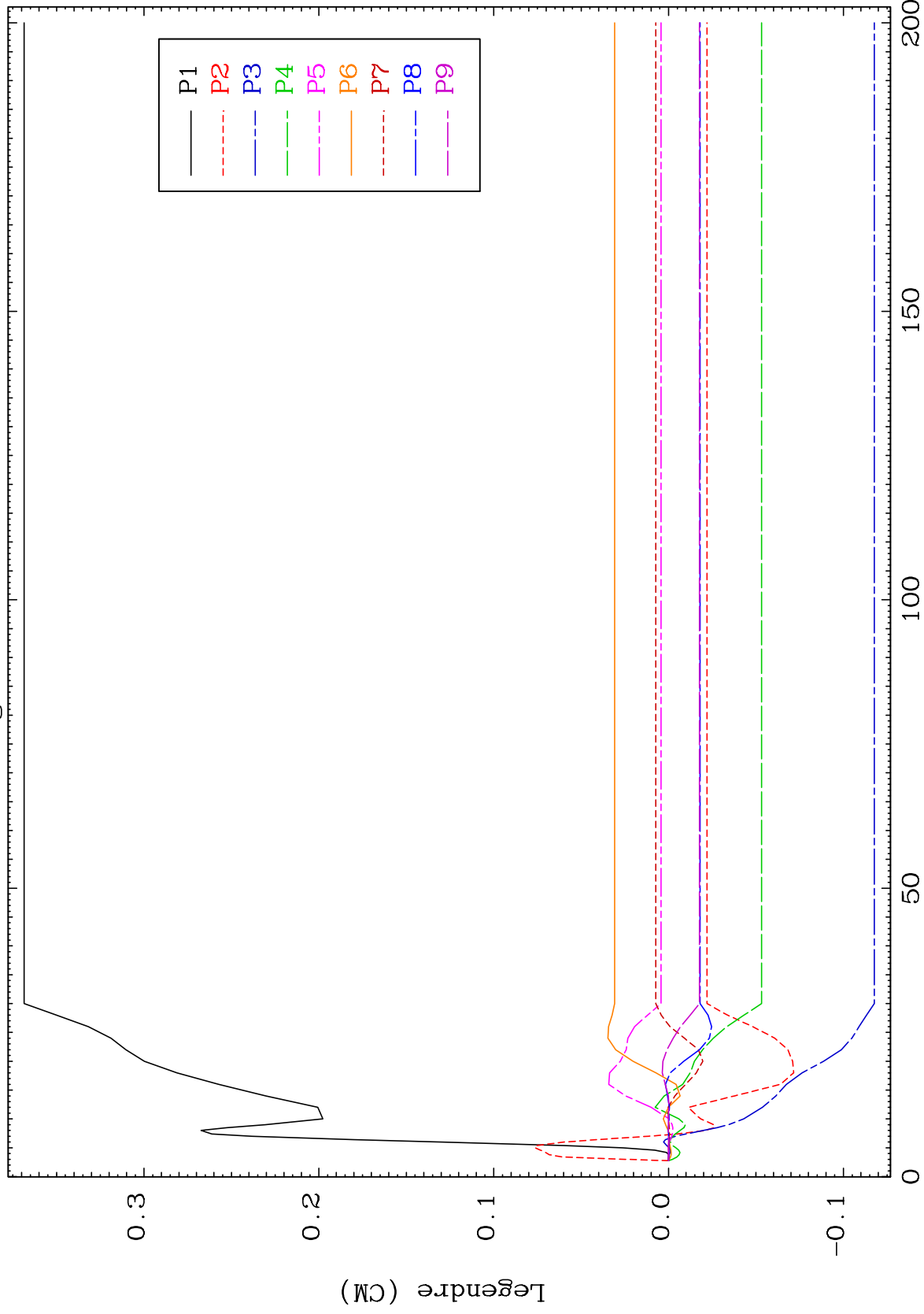
Incident Energy (MeV)

65

MAT 8625

2.746 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



66

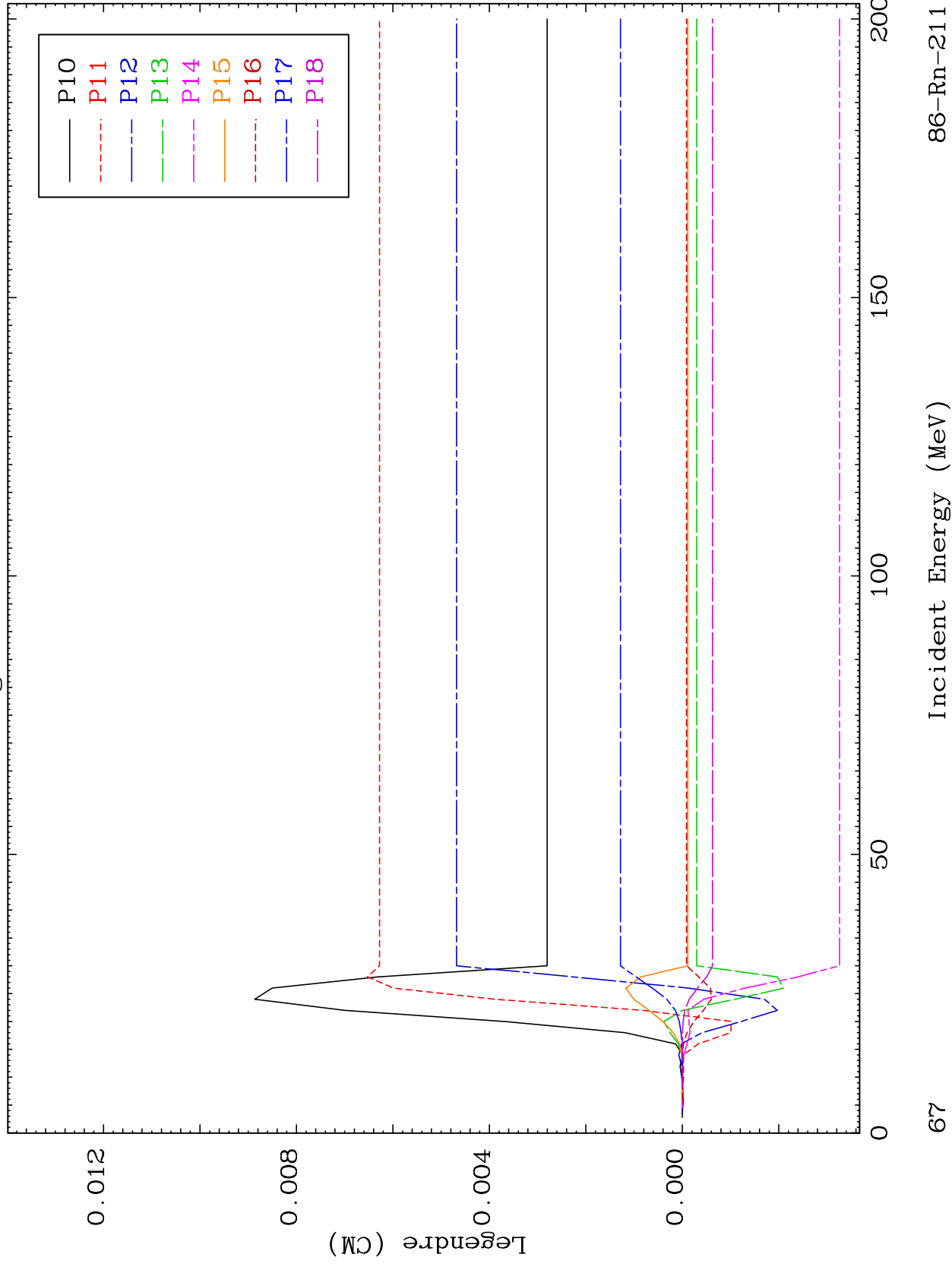
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.746 MeV (n,n') Level
Legendre Coefficients

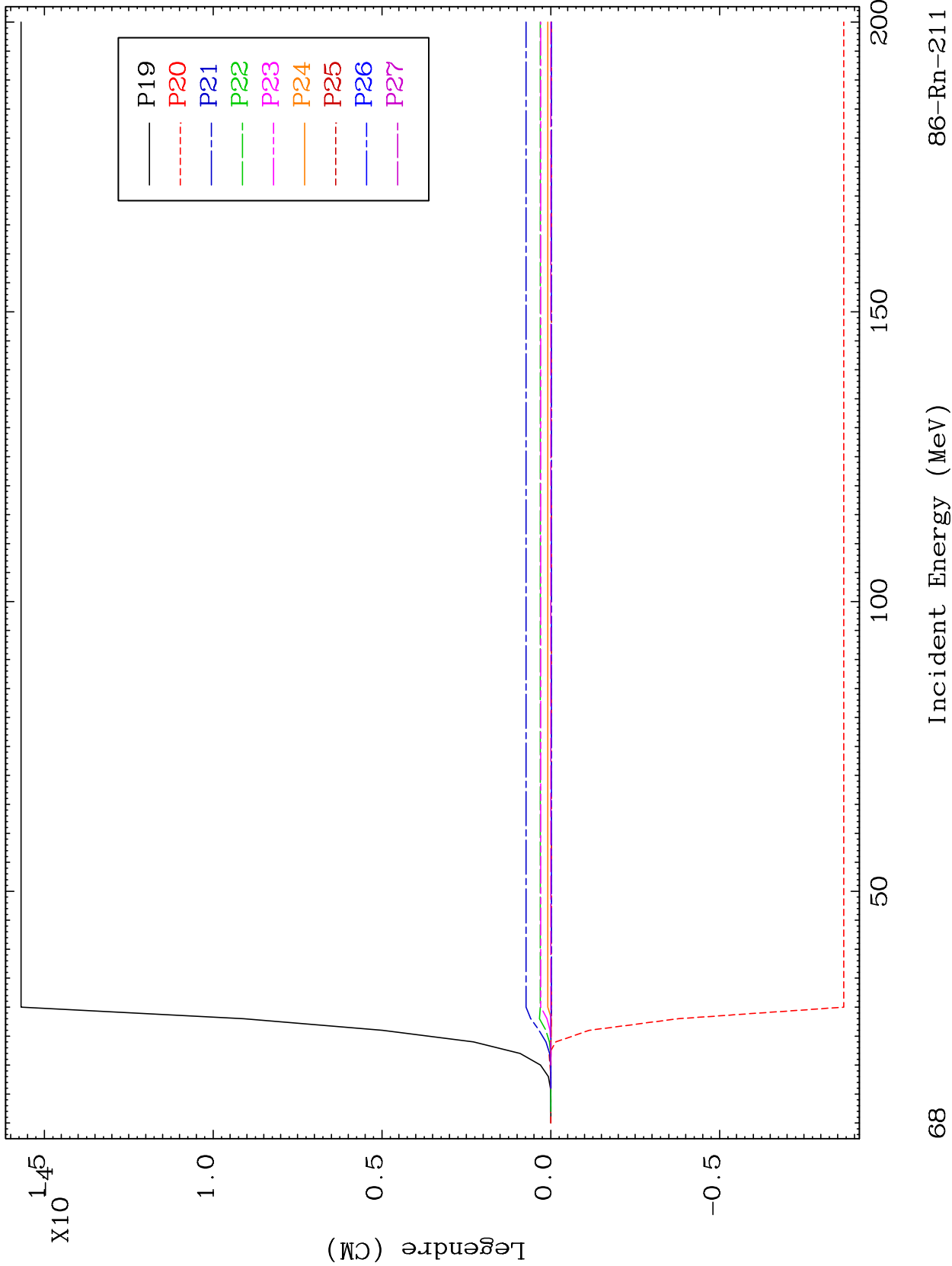
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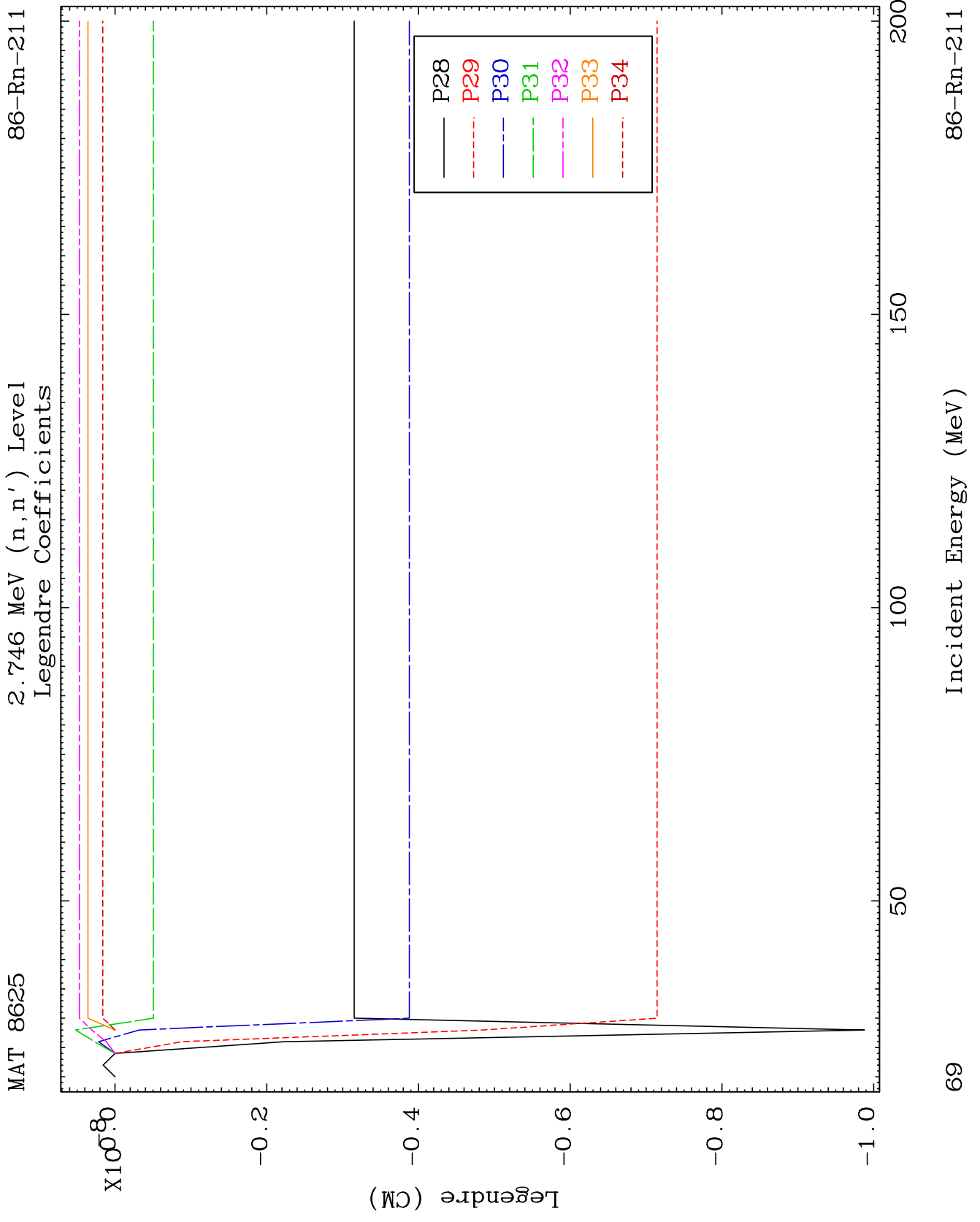


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Incident Energy (MeV)

86-Rn-211

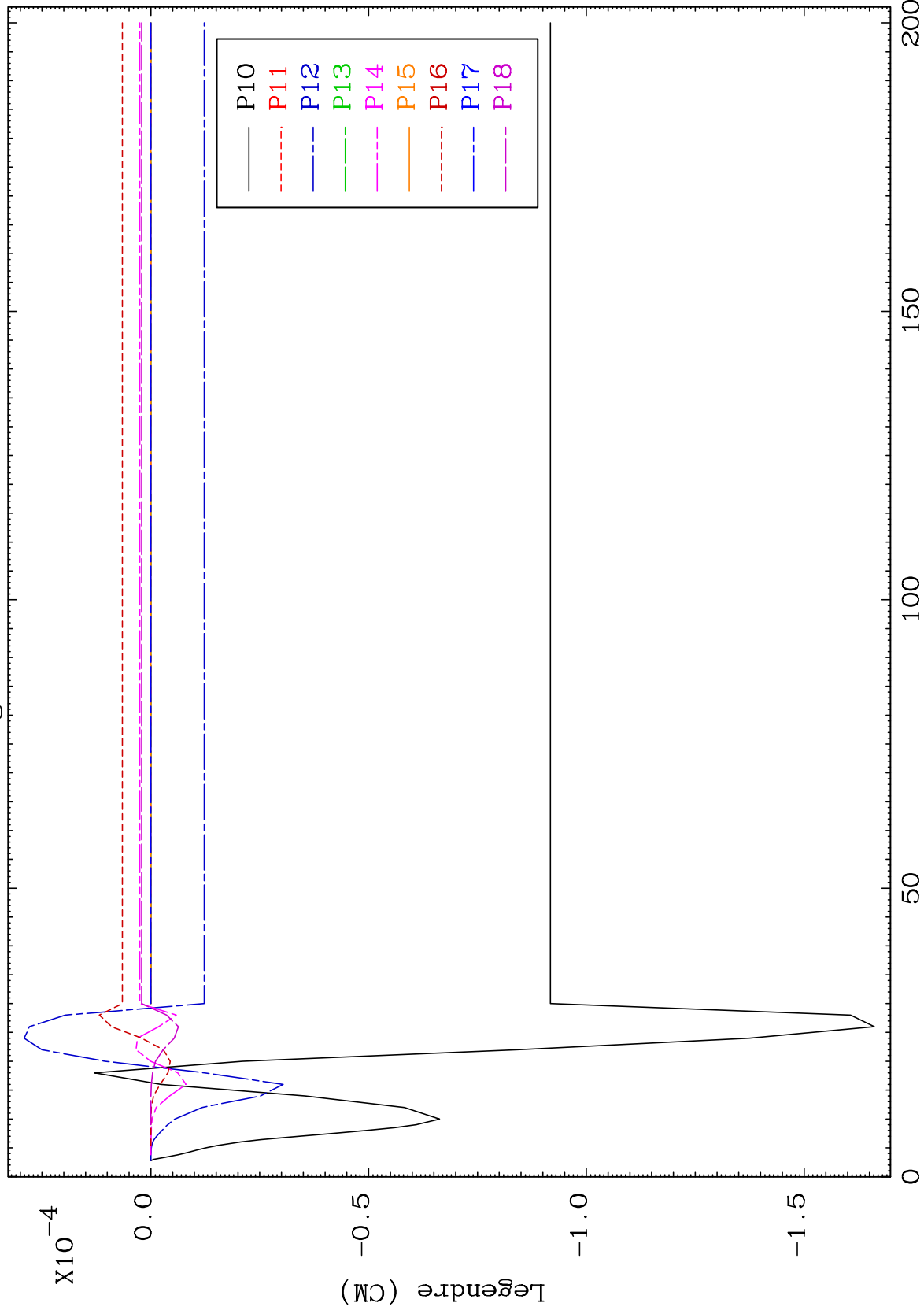




MAT 8625

2.750 MeV (n,n') Level
Legendre Coefficients

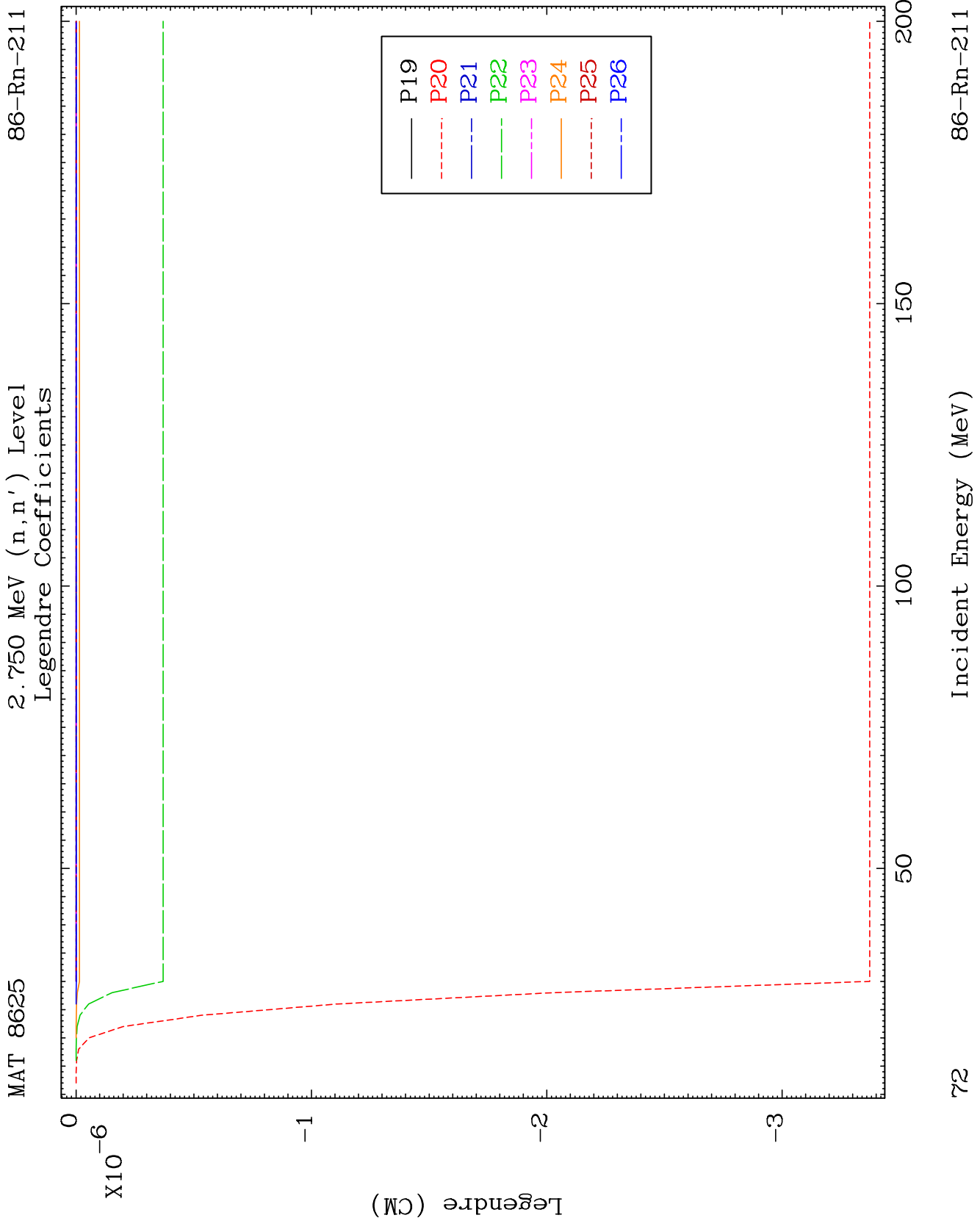
86-Rn-211



71

Incident Energy (MeV)

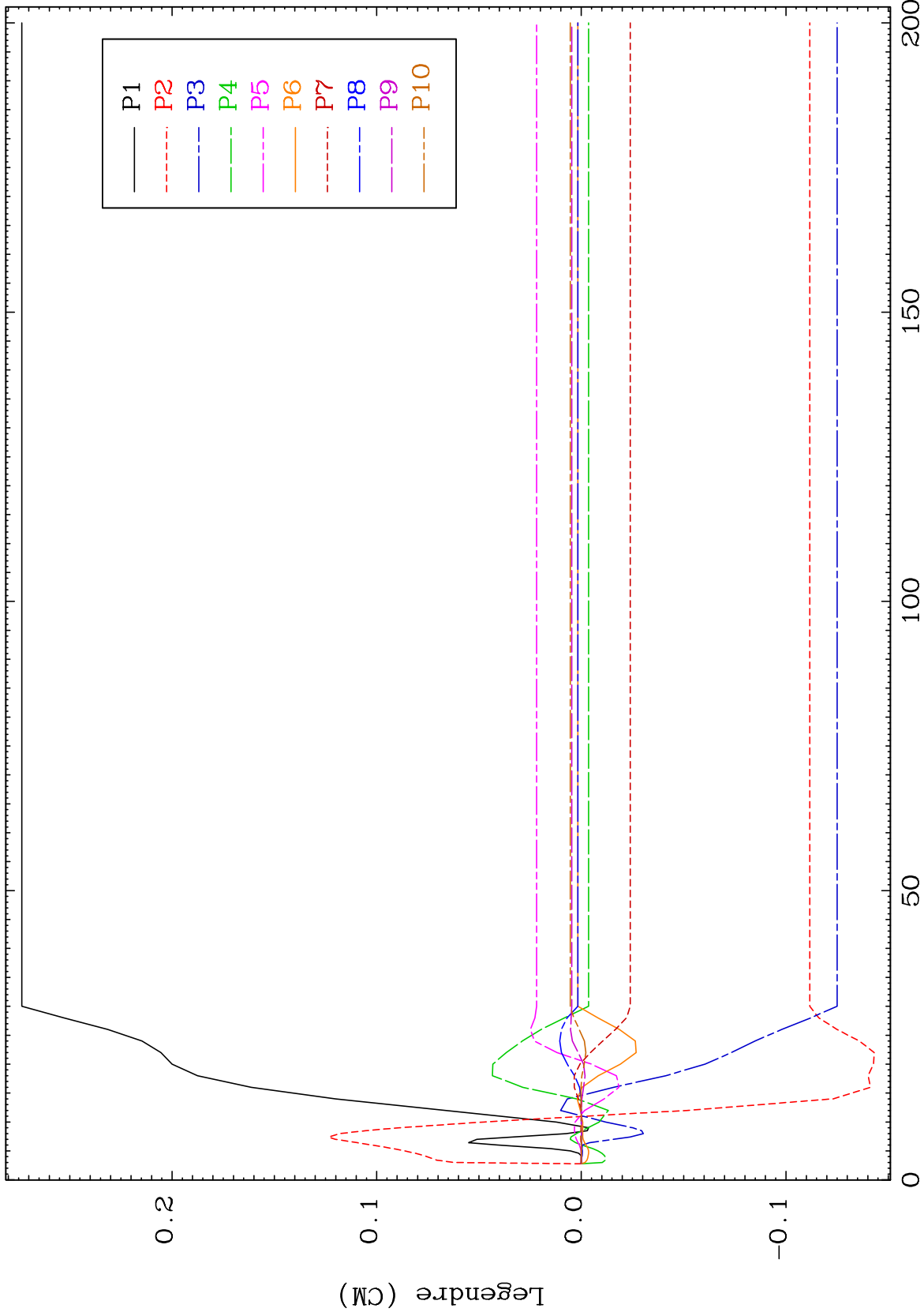
86-Rn-211



MAT 8625

2.753 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



73

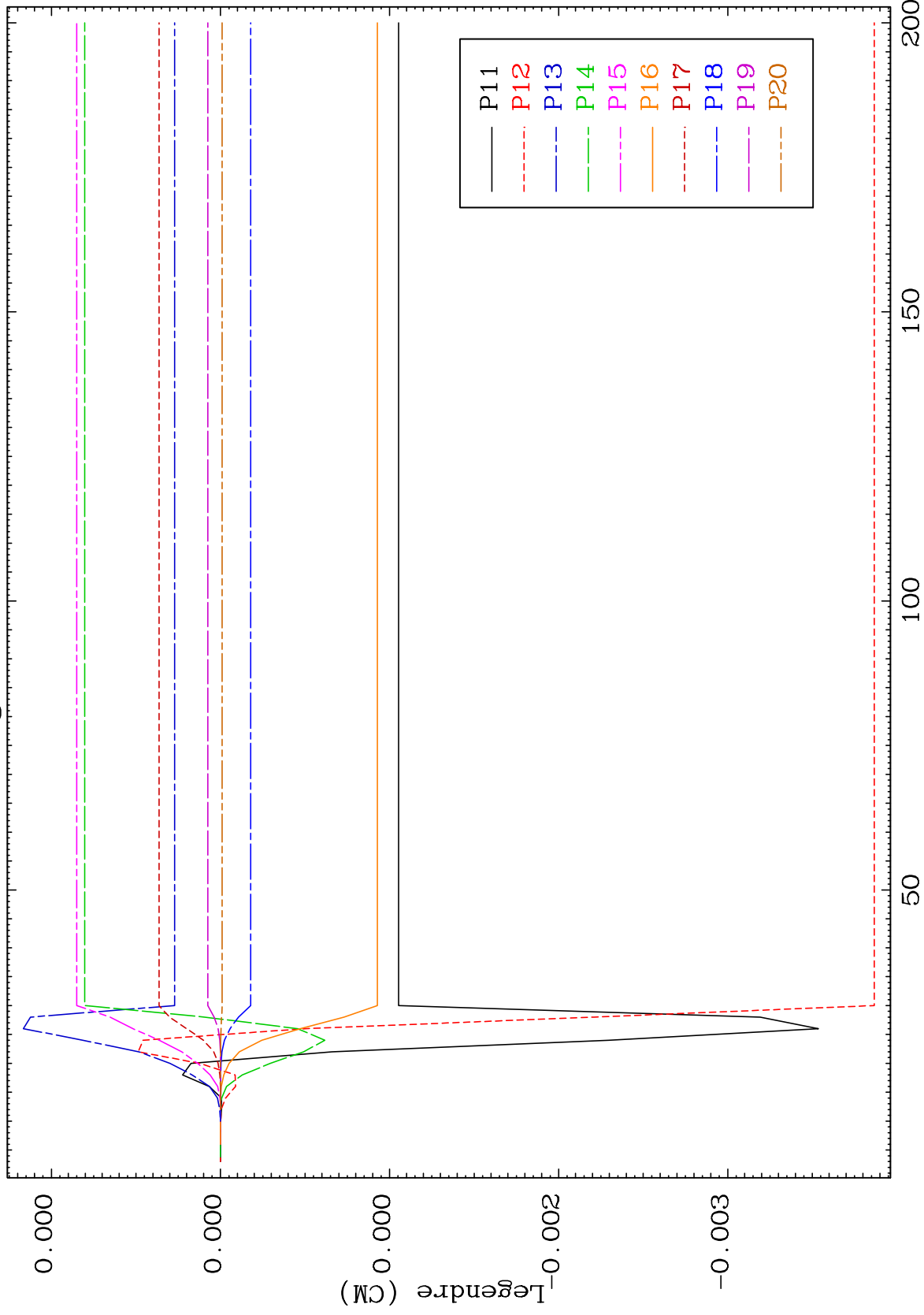
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.753 MeV (n,n') Level
Legendre Coefficients

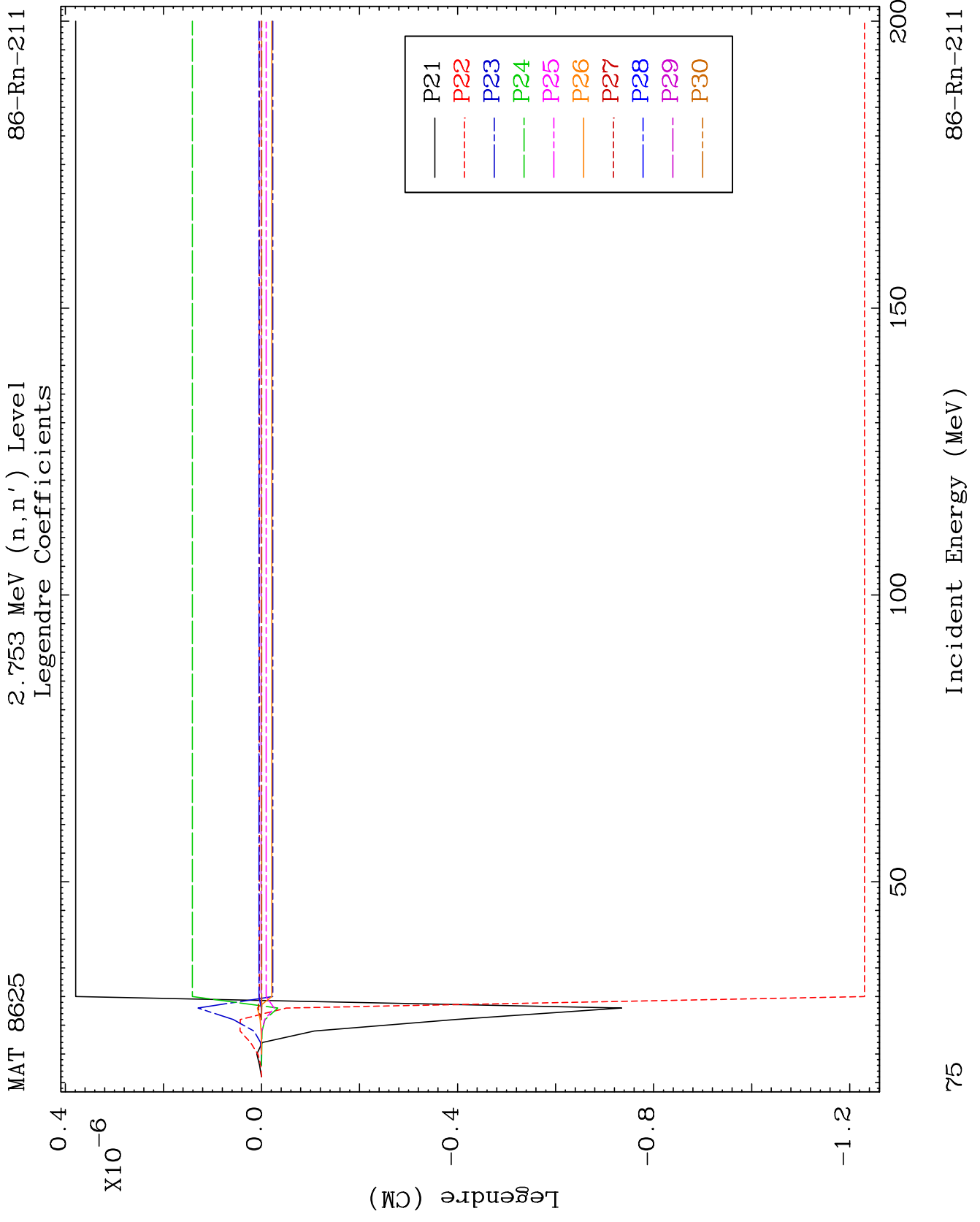
86-Rn-211

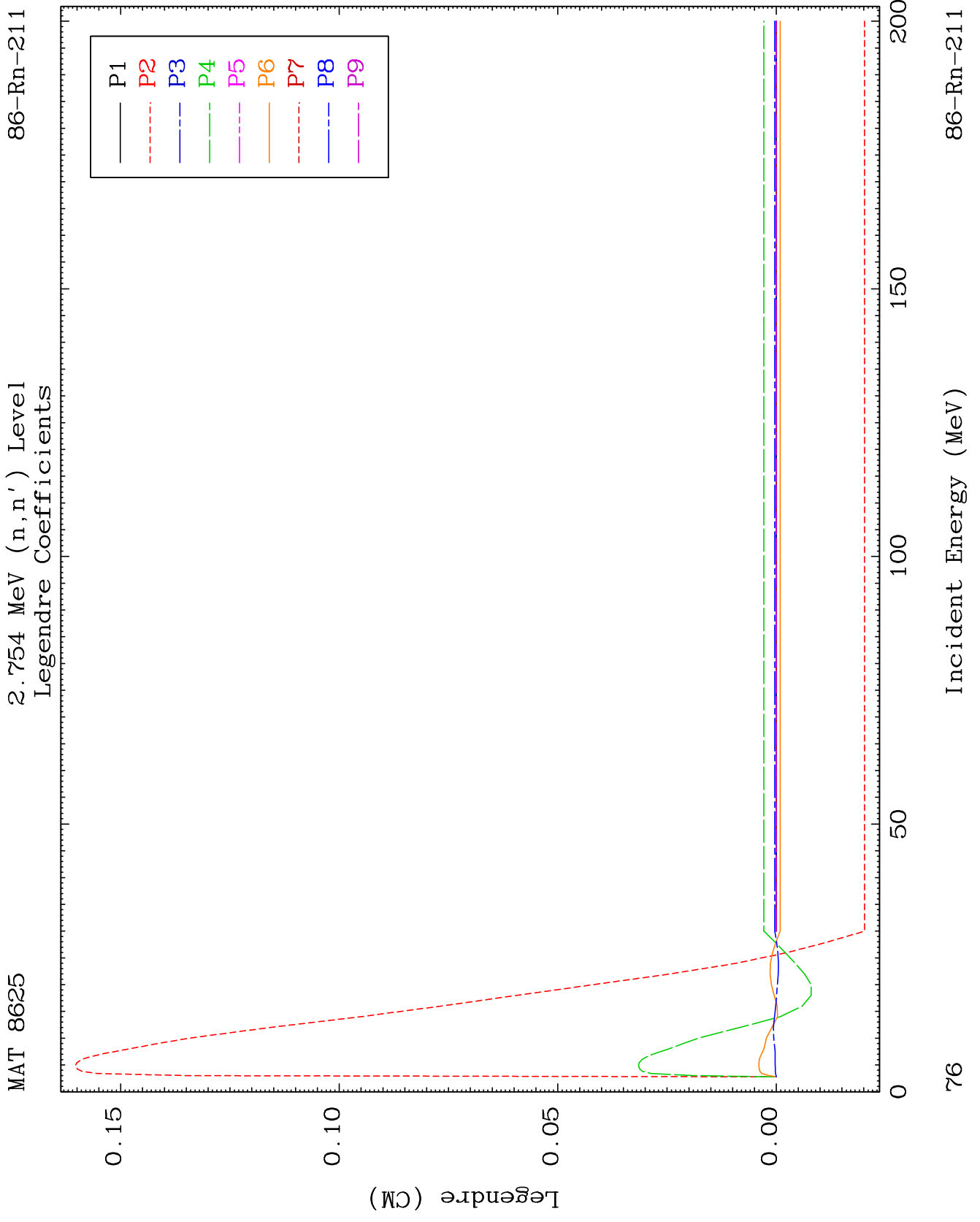


74

Incident Energy (MeV)

86-Rn-211

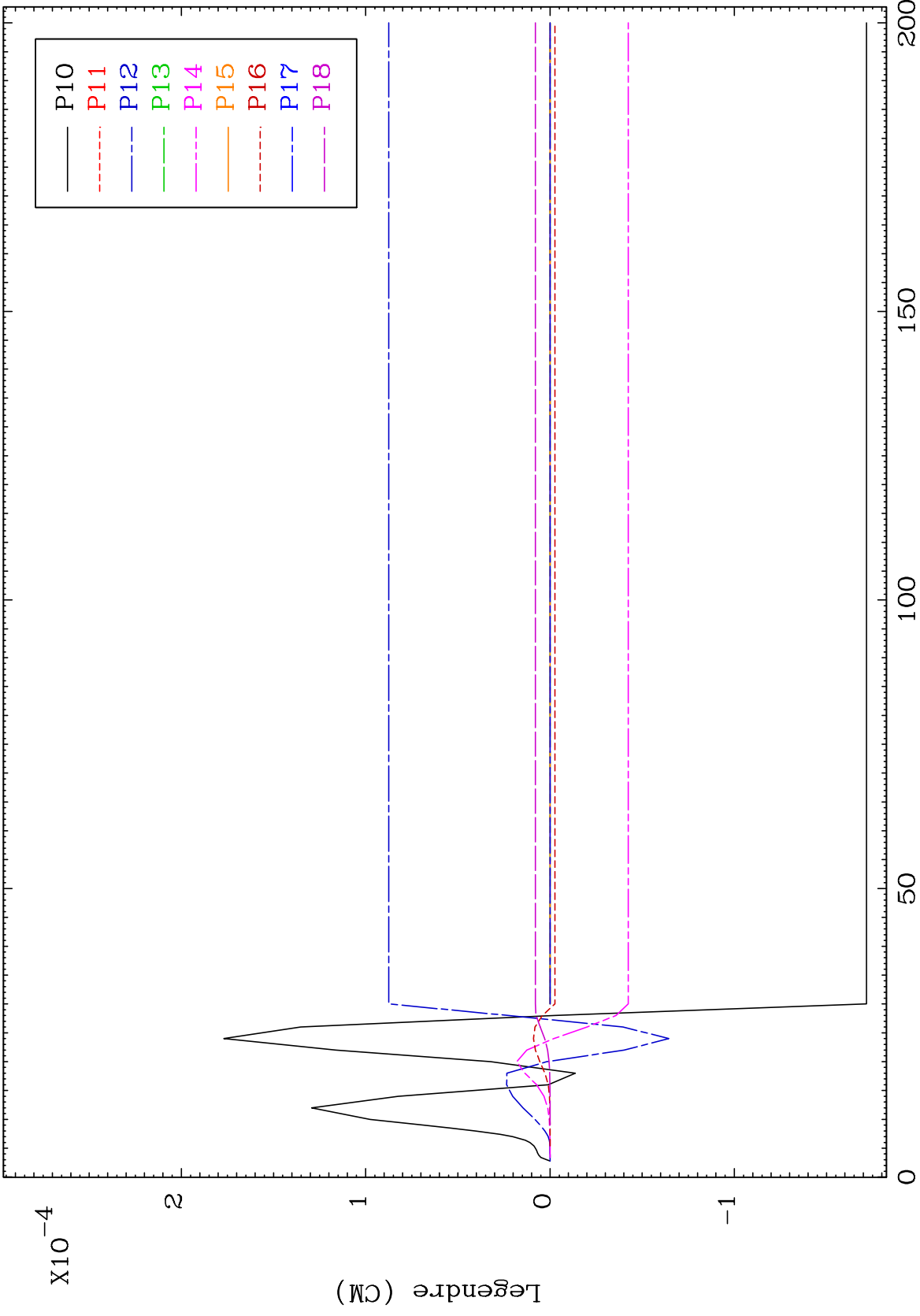




MAT 8625

2.754 MeV (n,n') Level
Legendre Coefficients

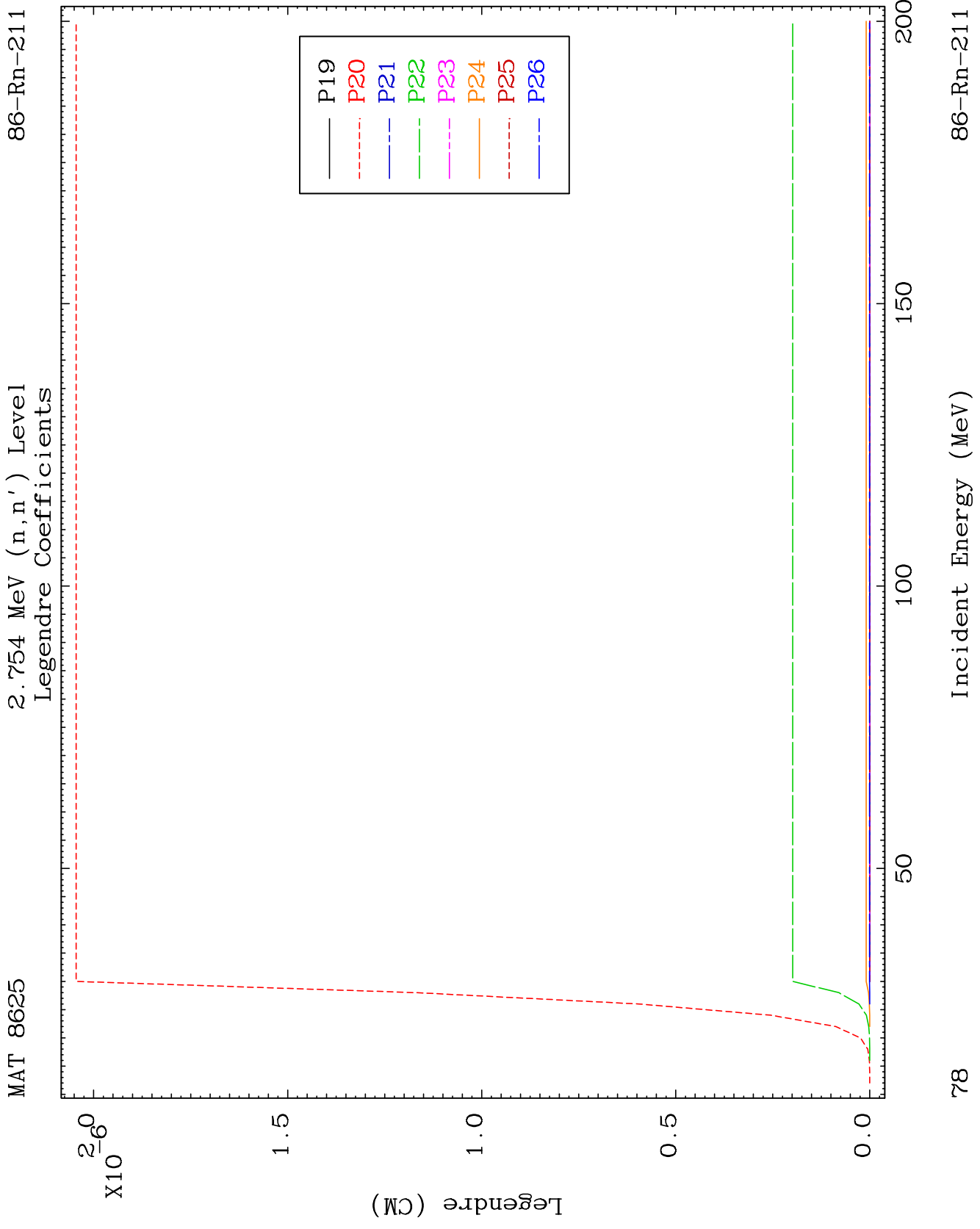
86-Rn-211

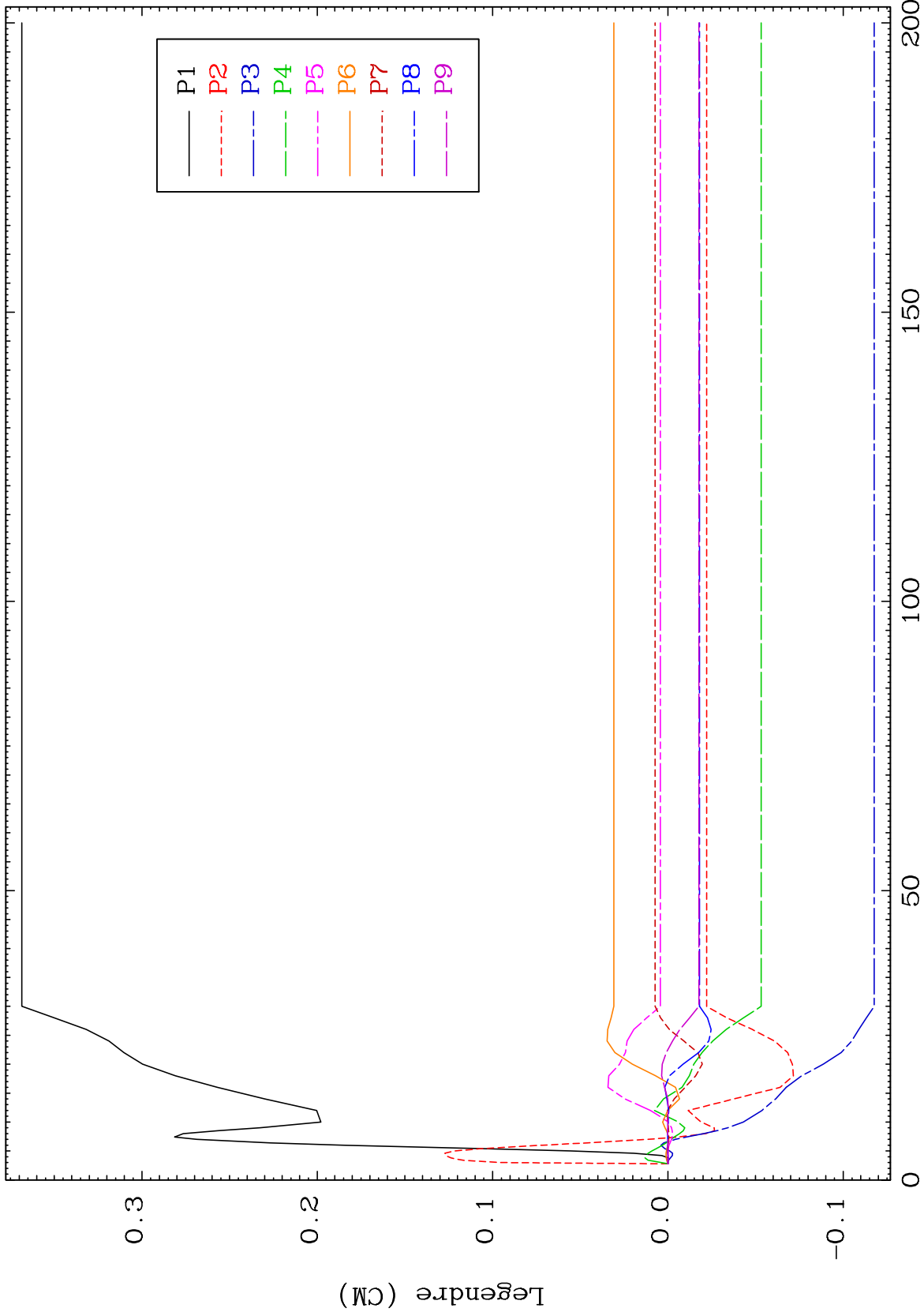


77

Incident Energy (MeV)

86-Rn-211

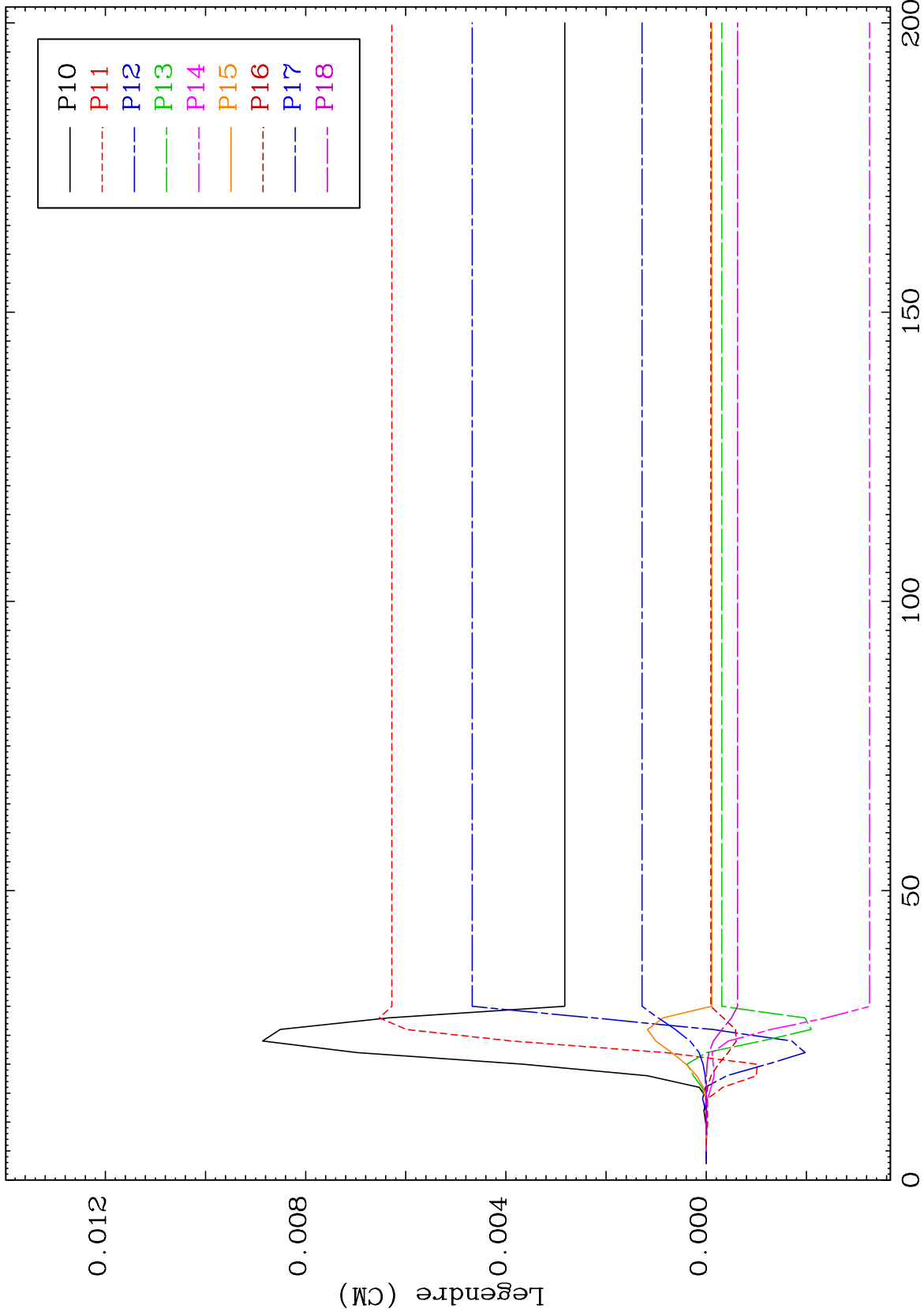




MAT 8625

2.763 MeV (n,n') Level
Legendre Coefficients

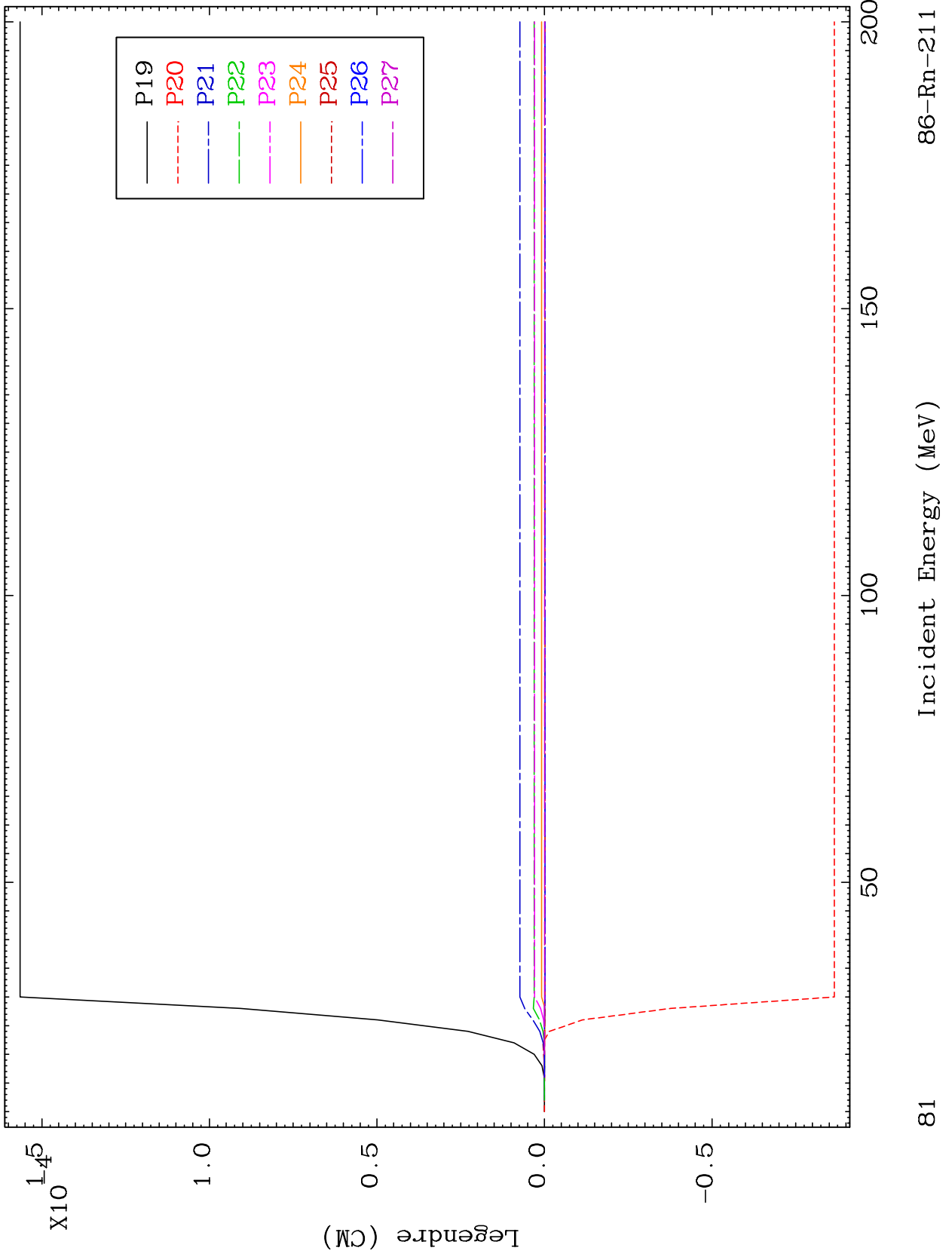
86-Rn-211

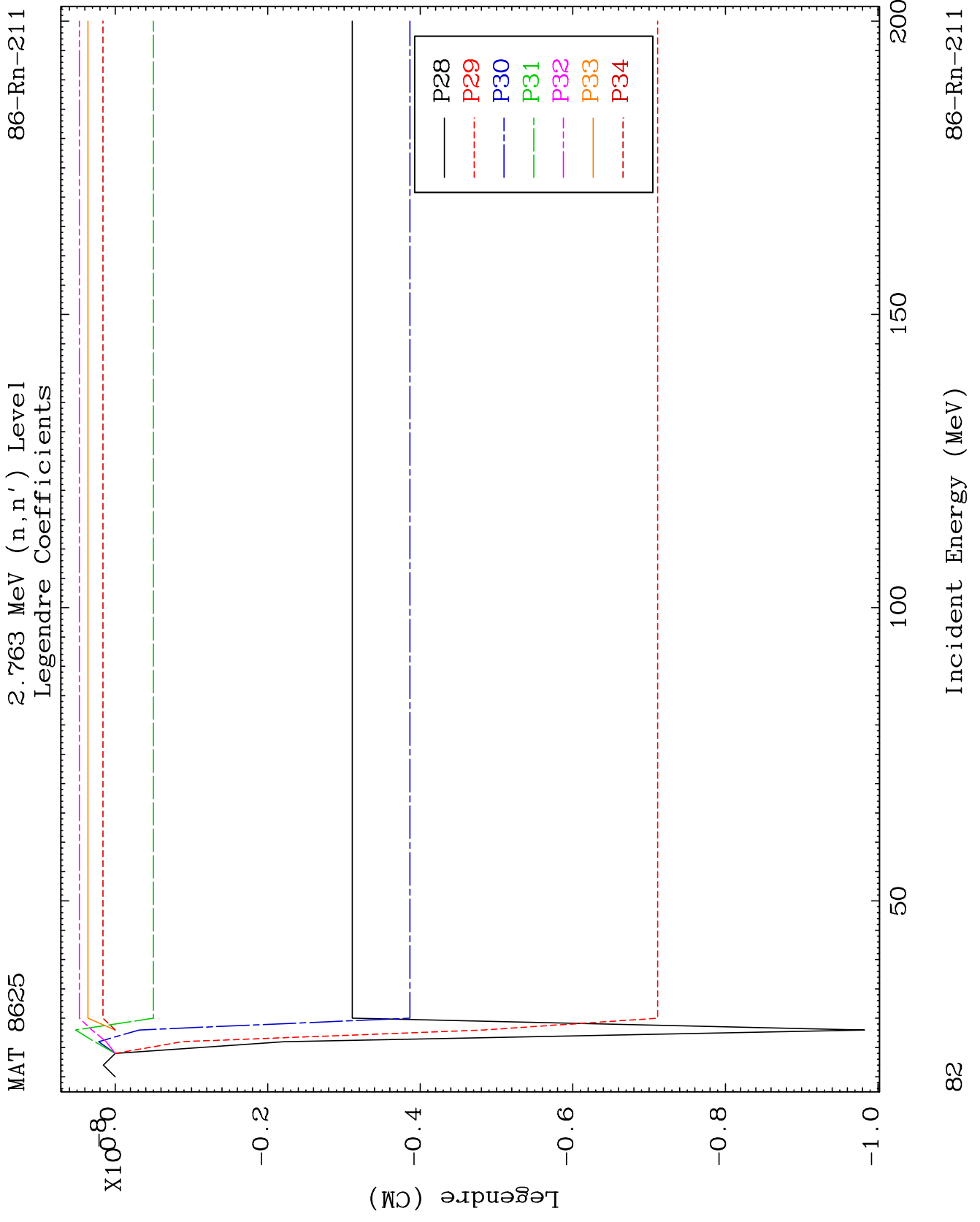


80

Incident Energy (MeV)

86-Rn-211

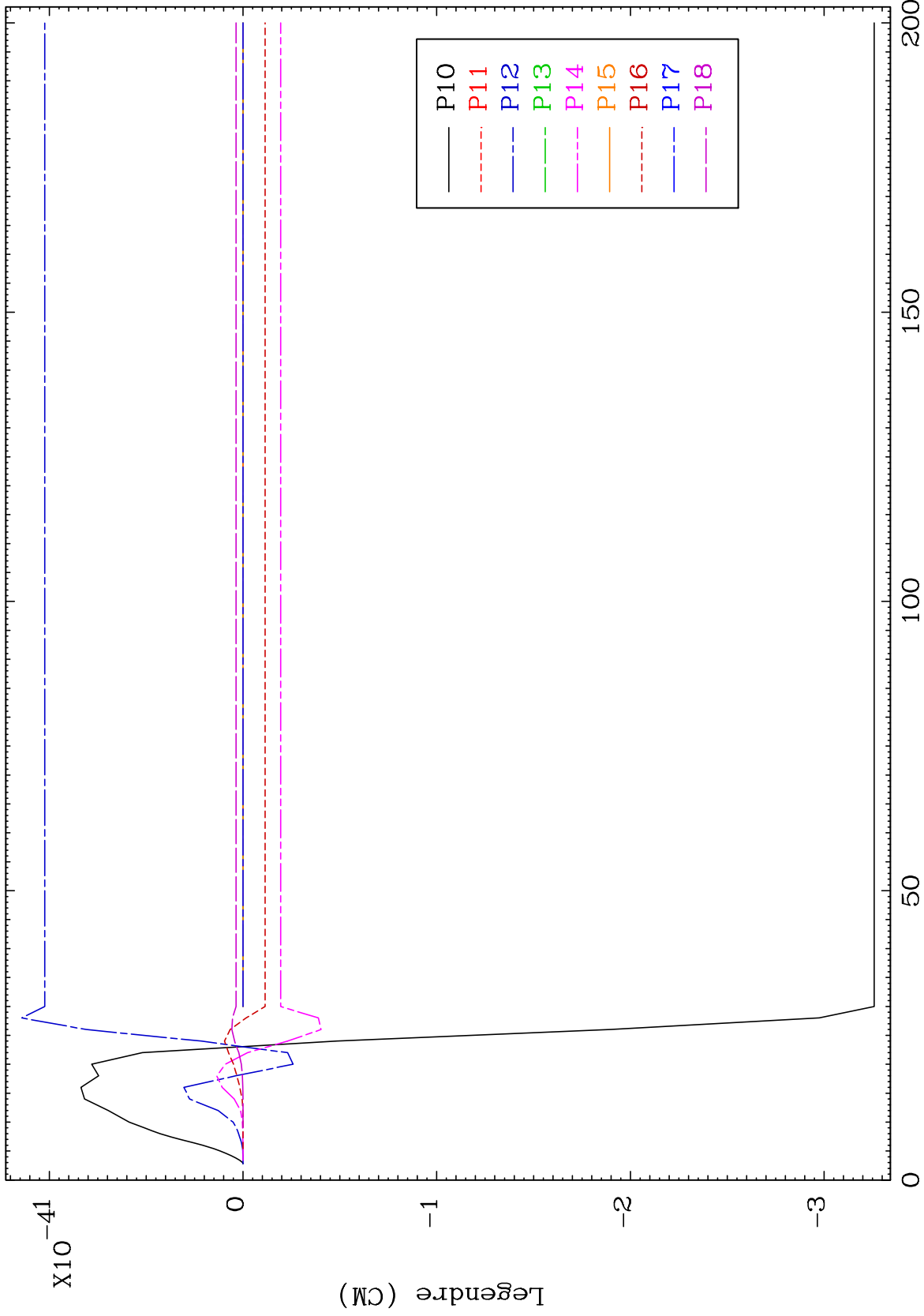




MAT 8625

2.767 MeV (n,n') Level
Legendre Coefficients

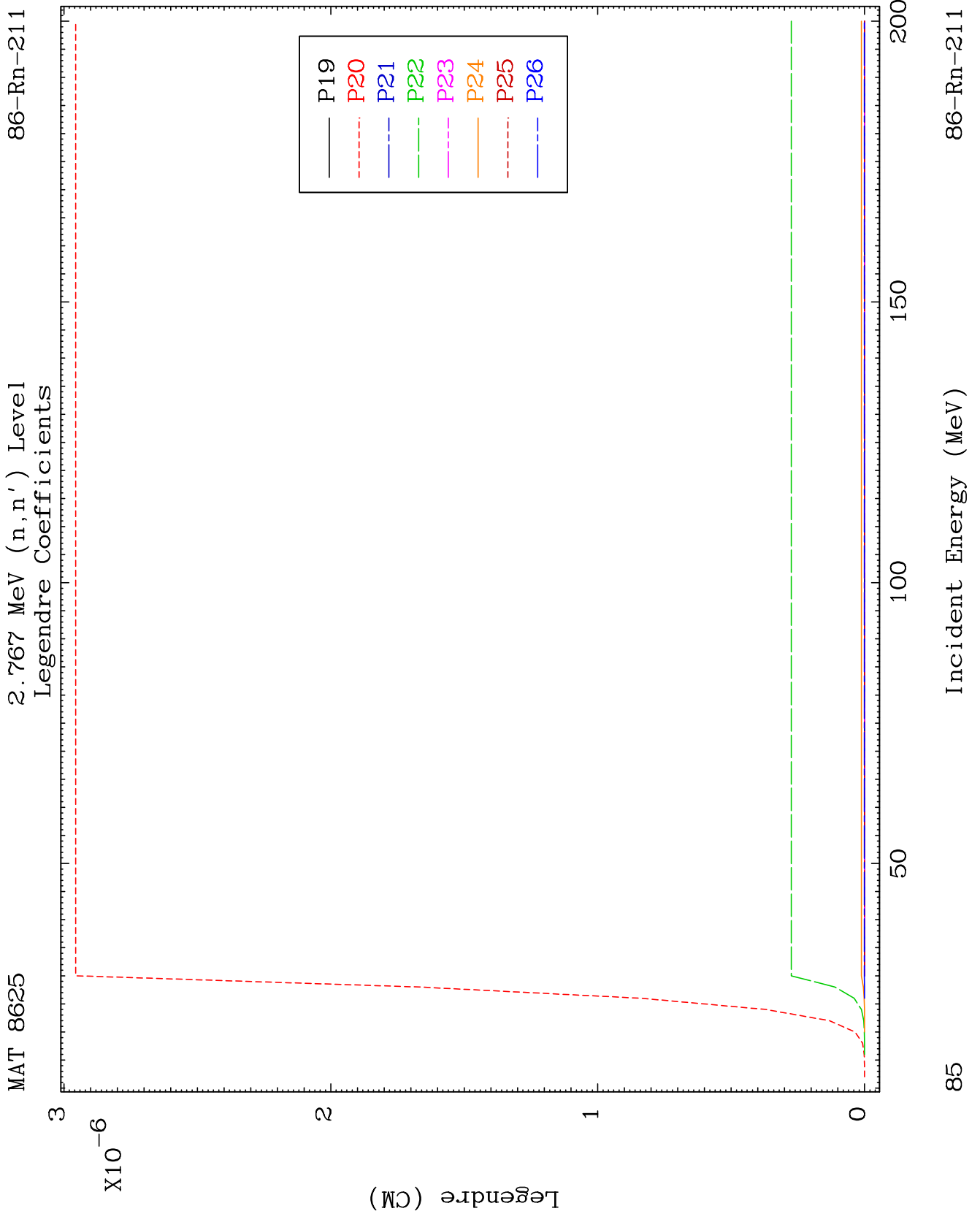
86-Rn-211

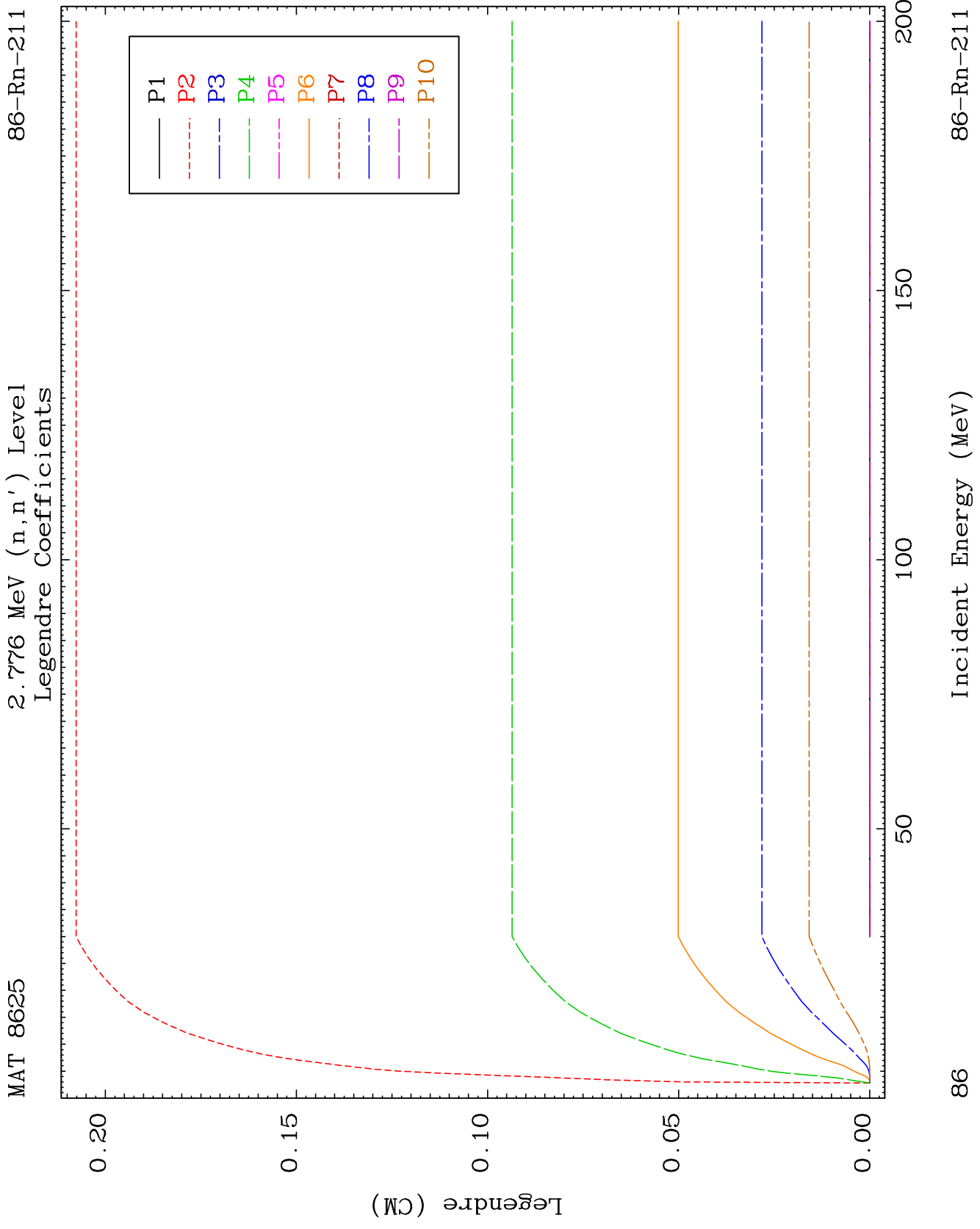


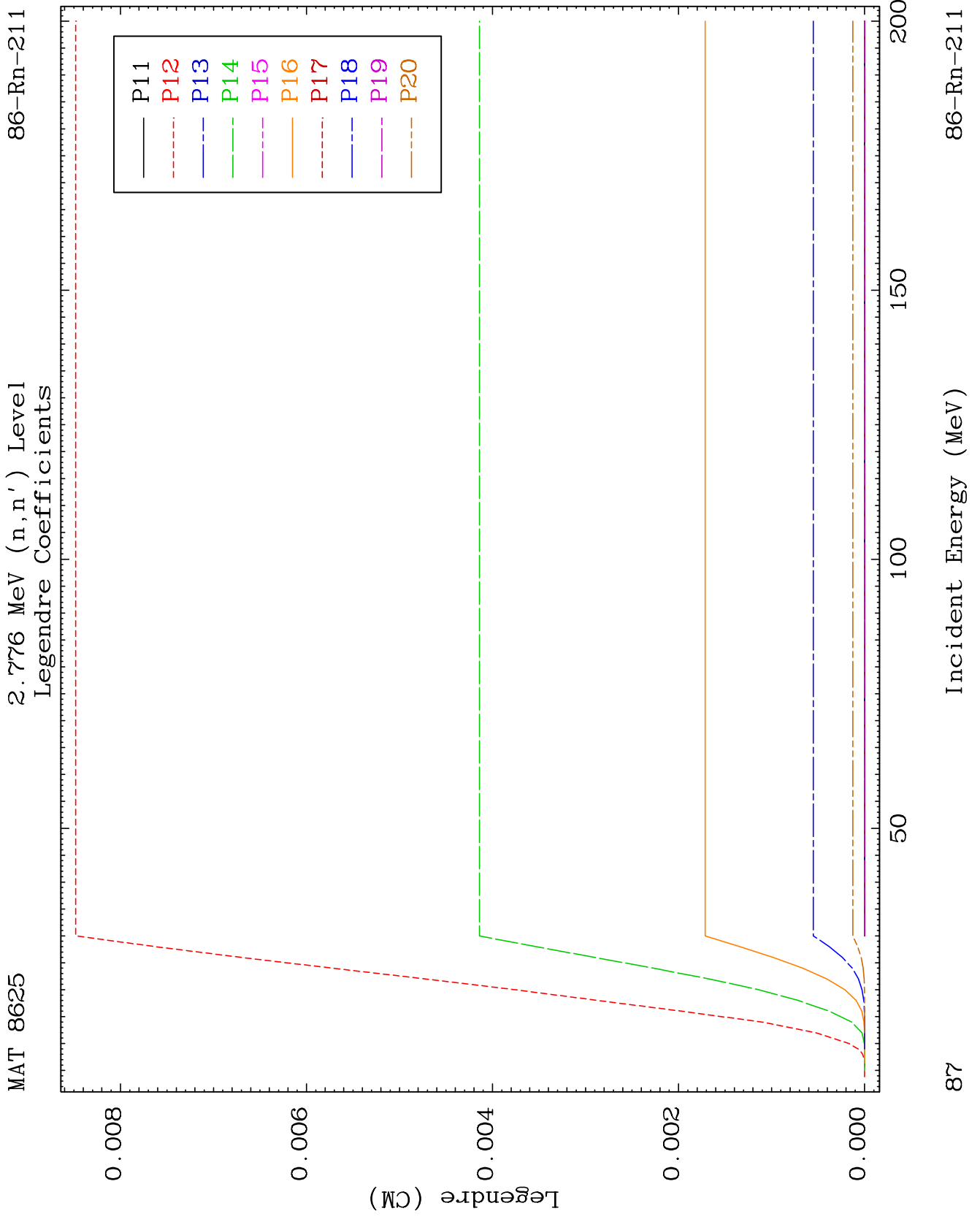
84

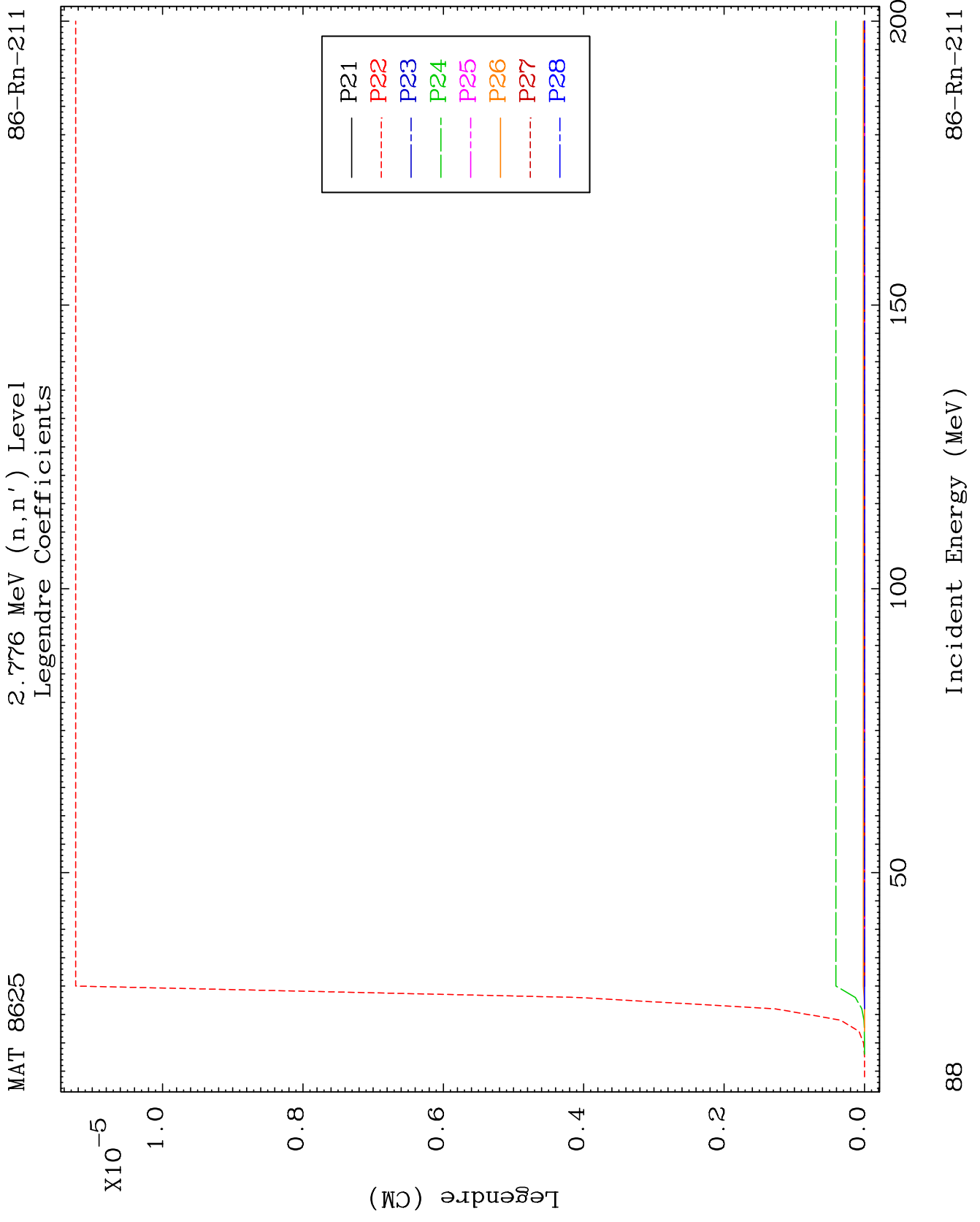
Incident Energy (MeV)

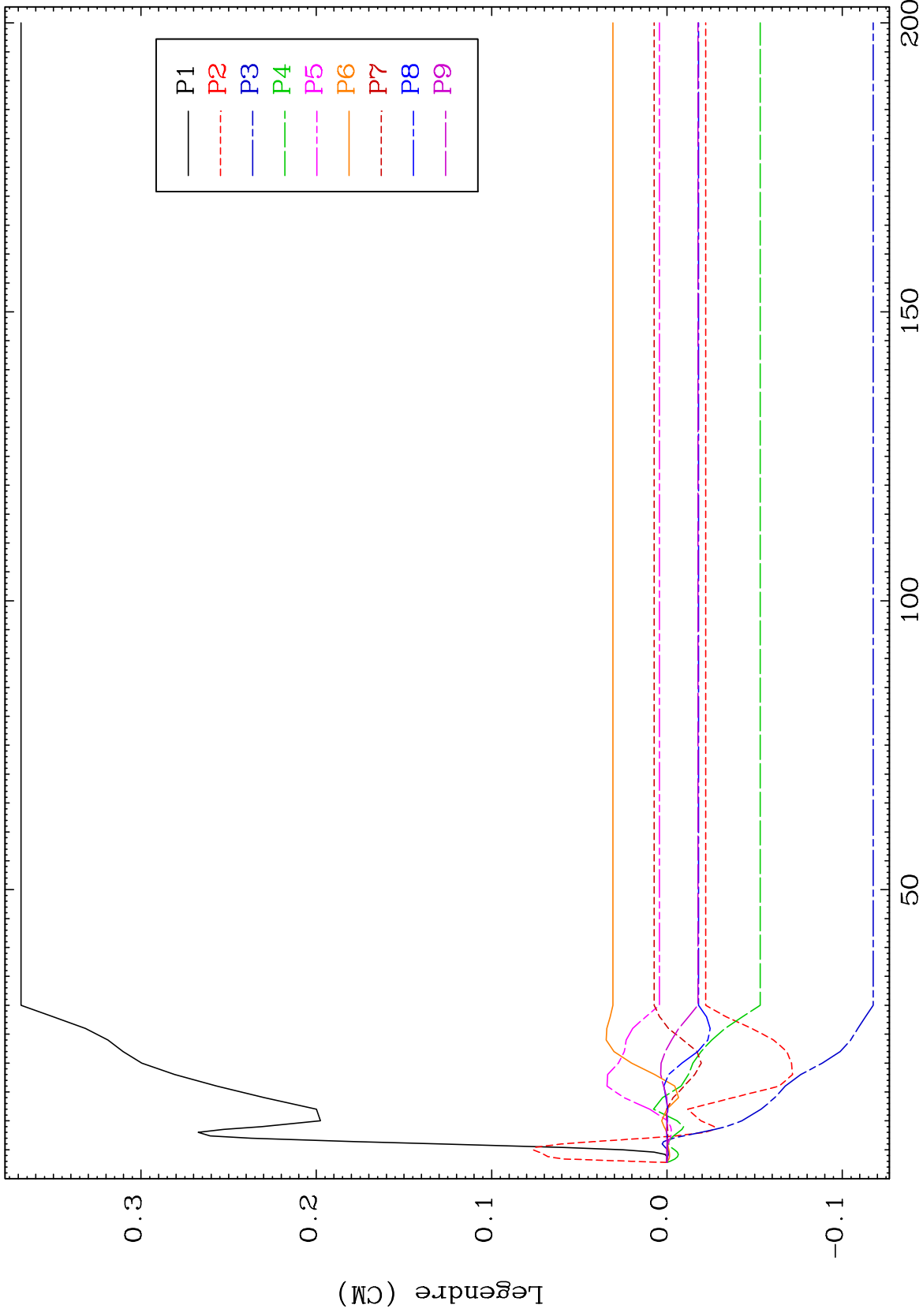
86-Rn-211







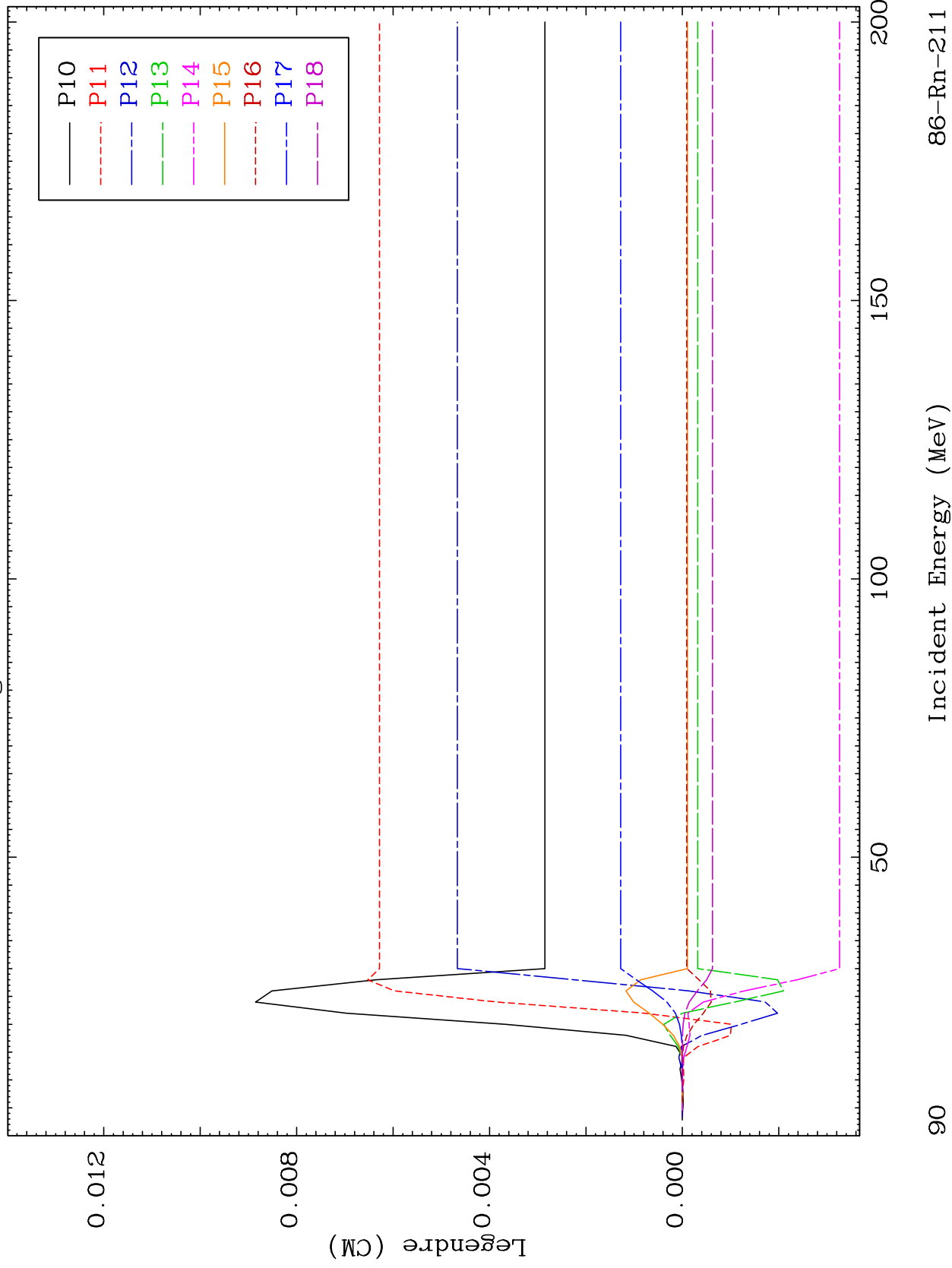




MAT 8625

2.778 MeV (n,n') Level
Legendre Coefficients

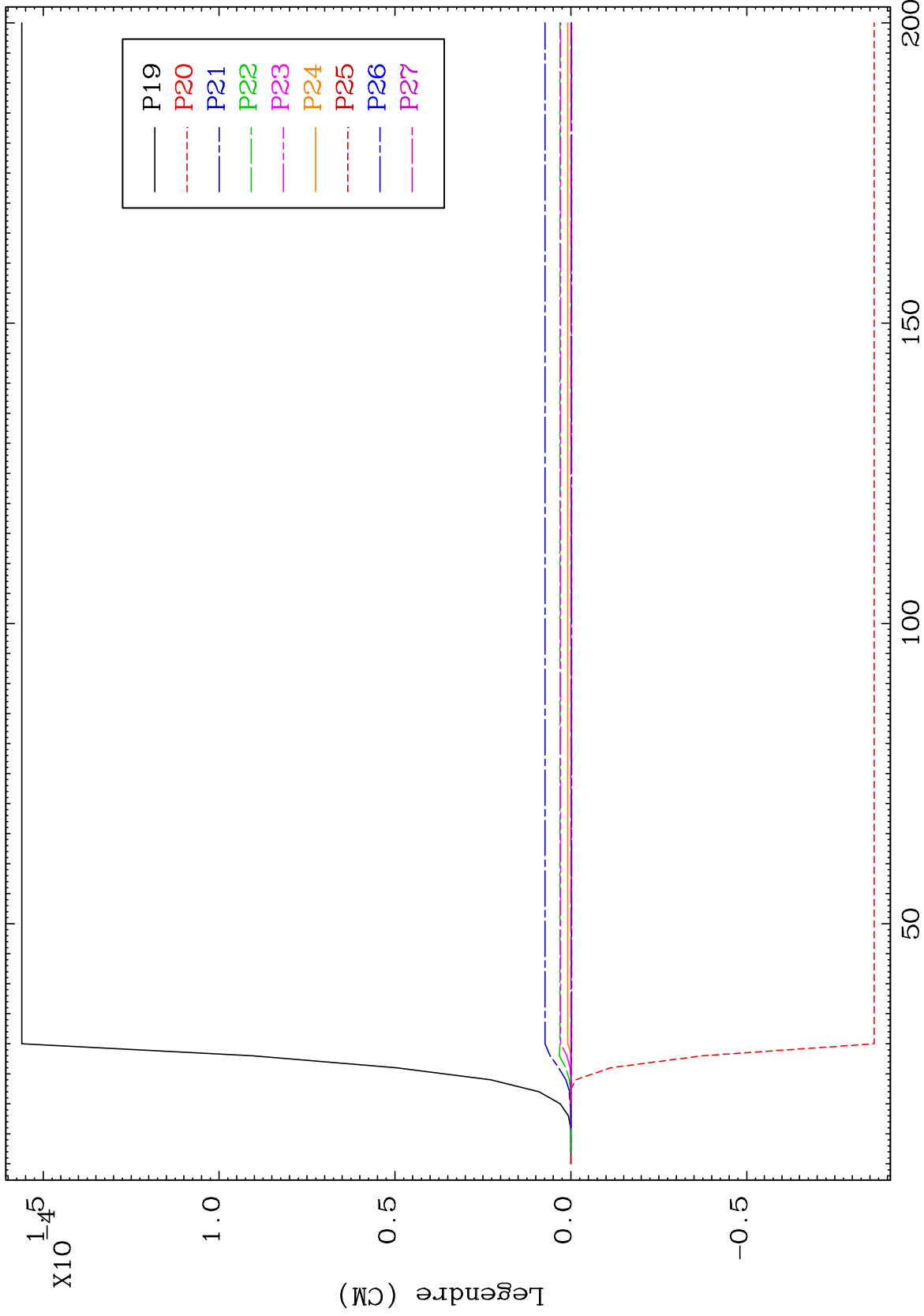
86-Rn-211

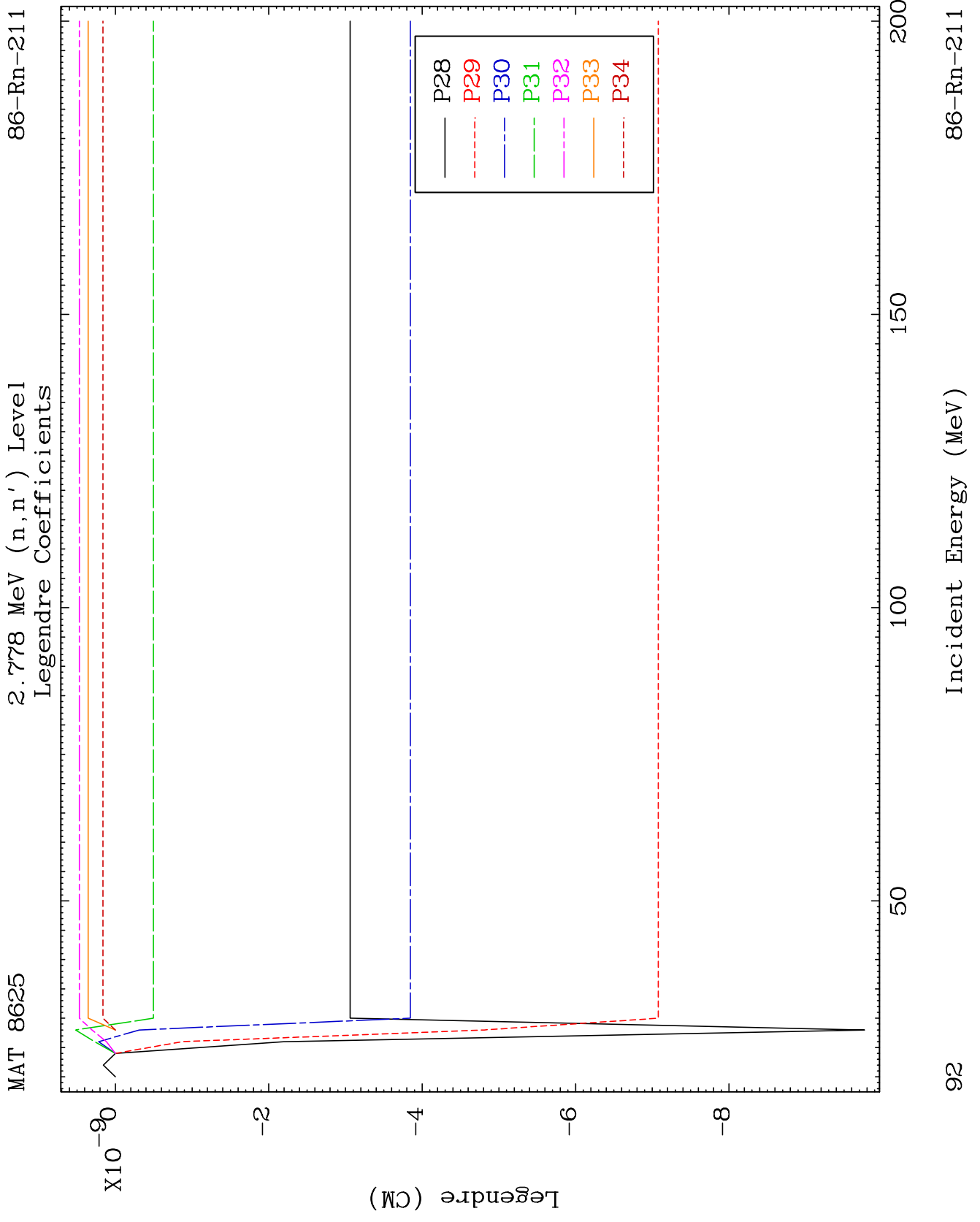


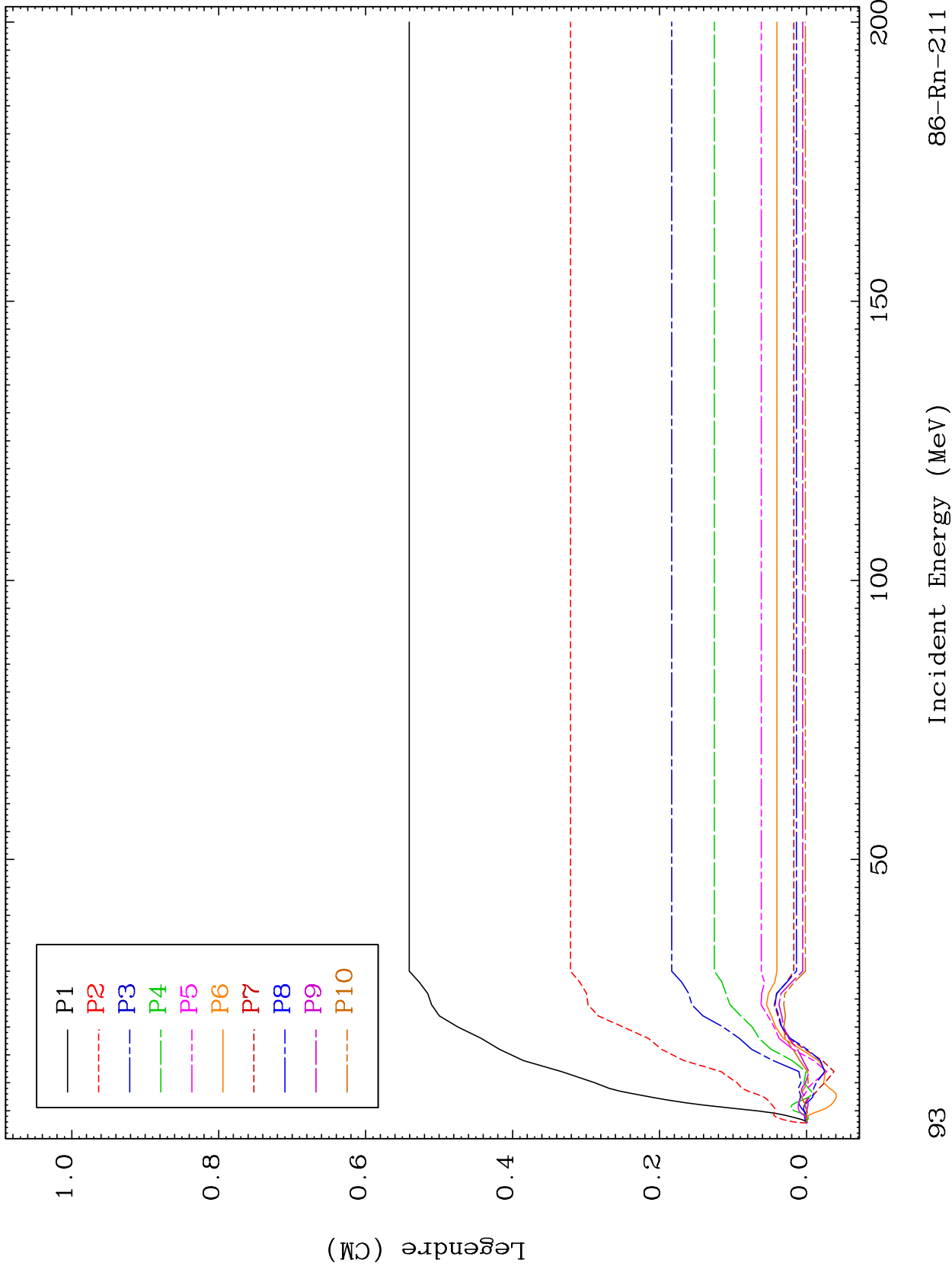
86-Rn-211

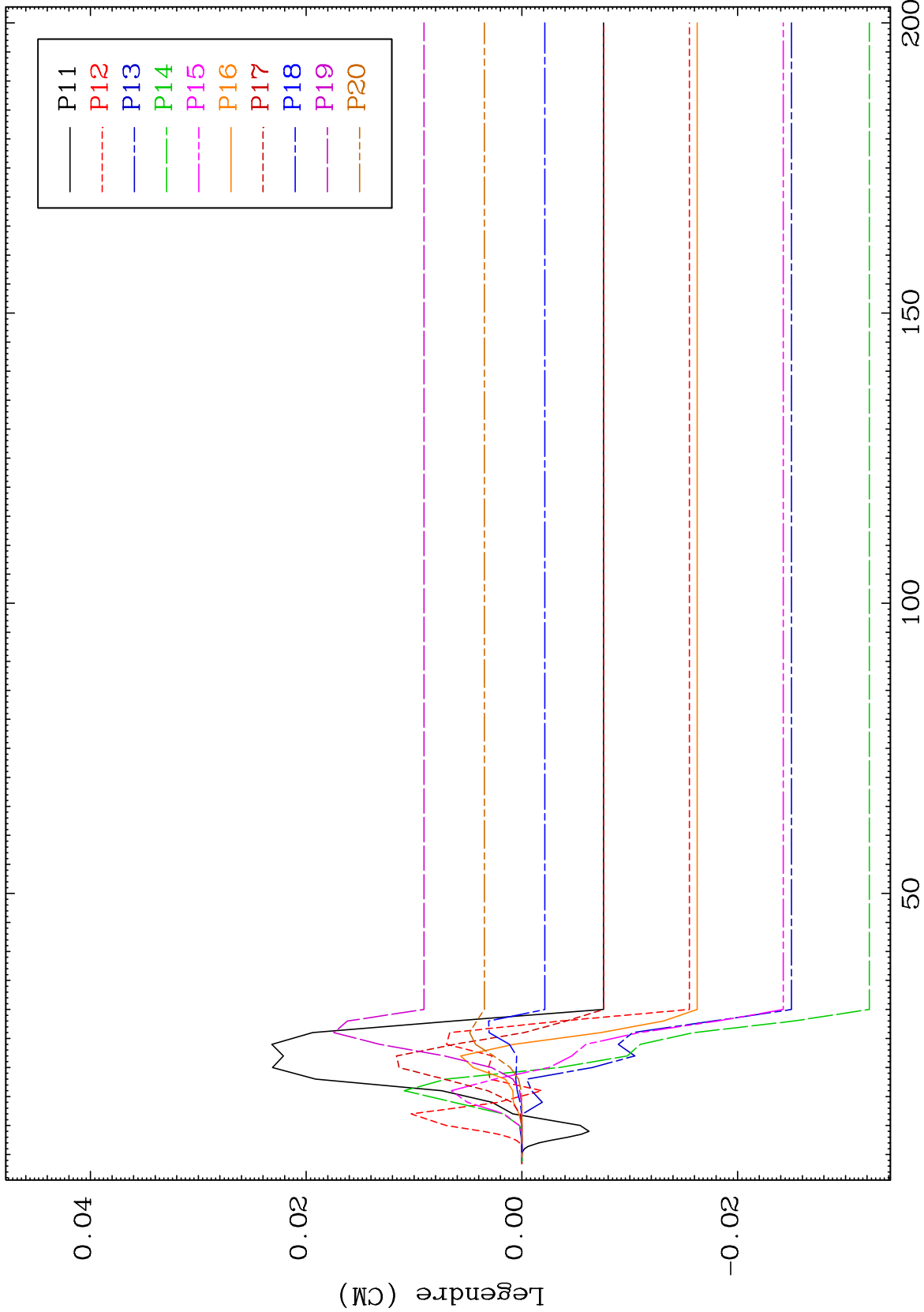
Incident Energy (MeV)

90





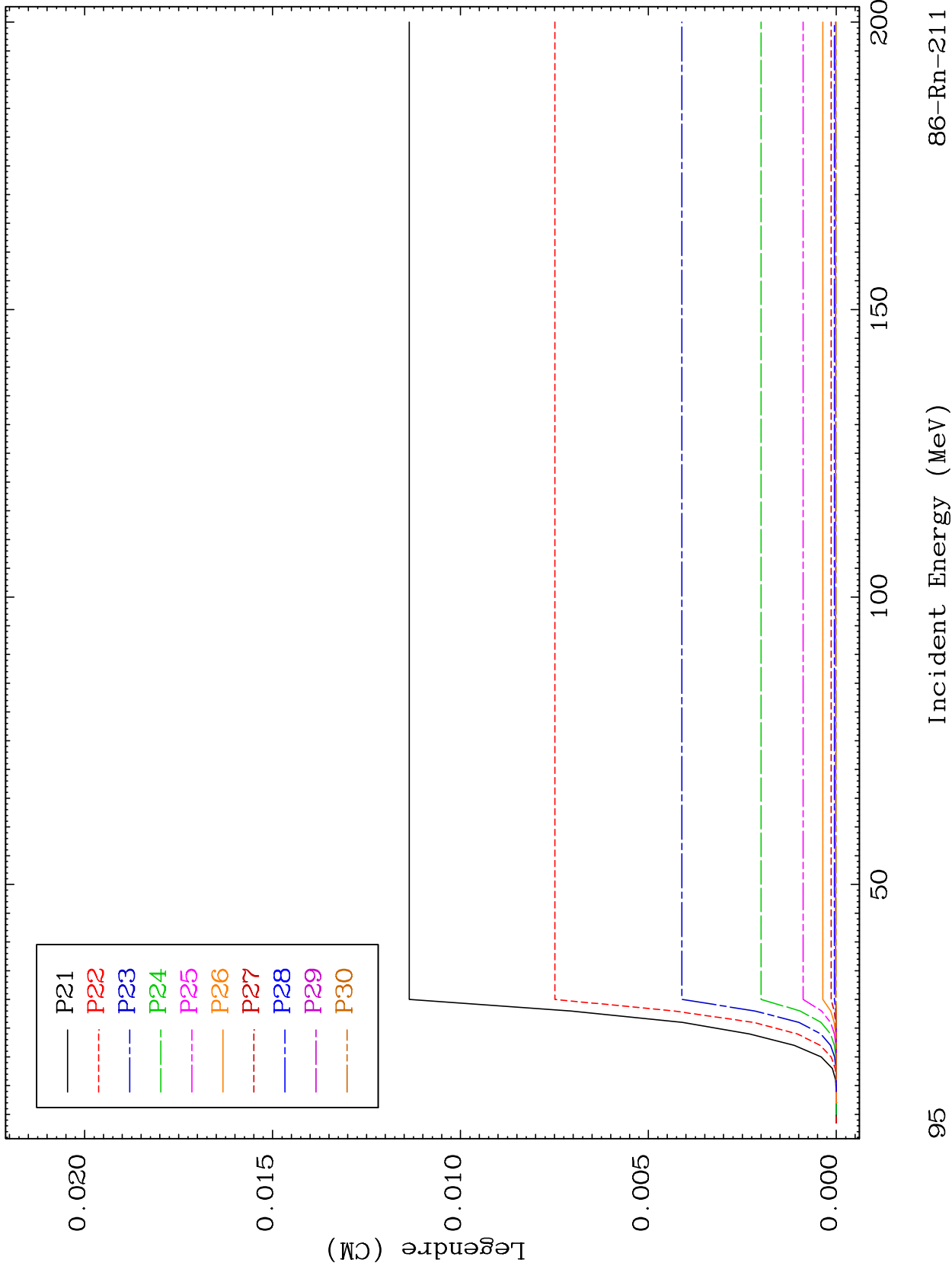




MAT 8625

2.783 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



95

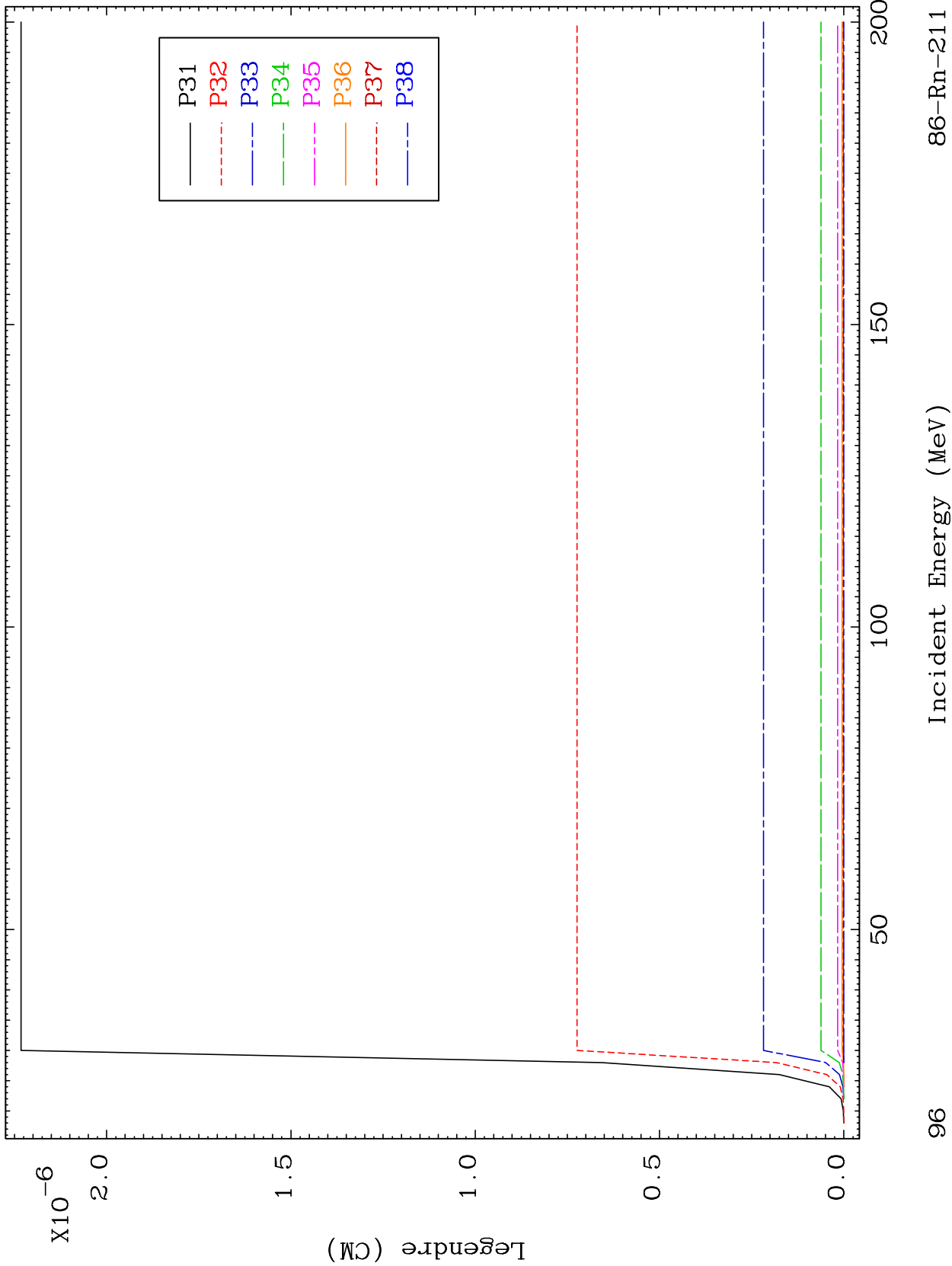
Incident Energy (MeV)

86-Rn-211

MAT 8625

2.783 MeV (n,n') Level
Legendre Coefficients

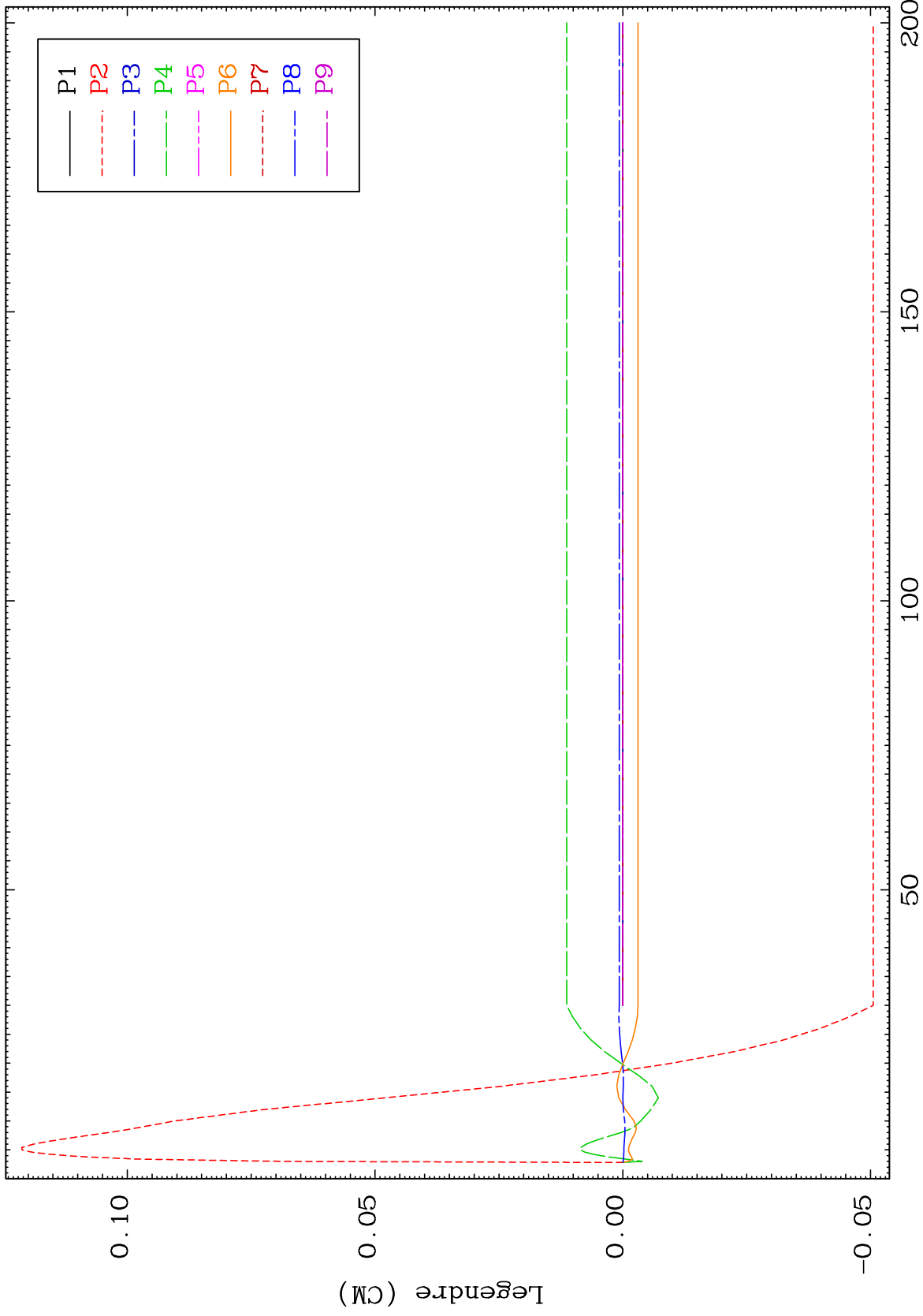
86-Rn-211

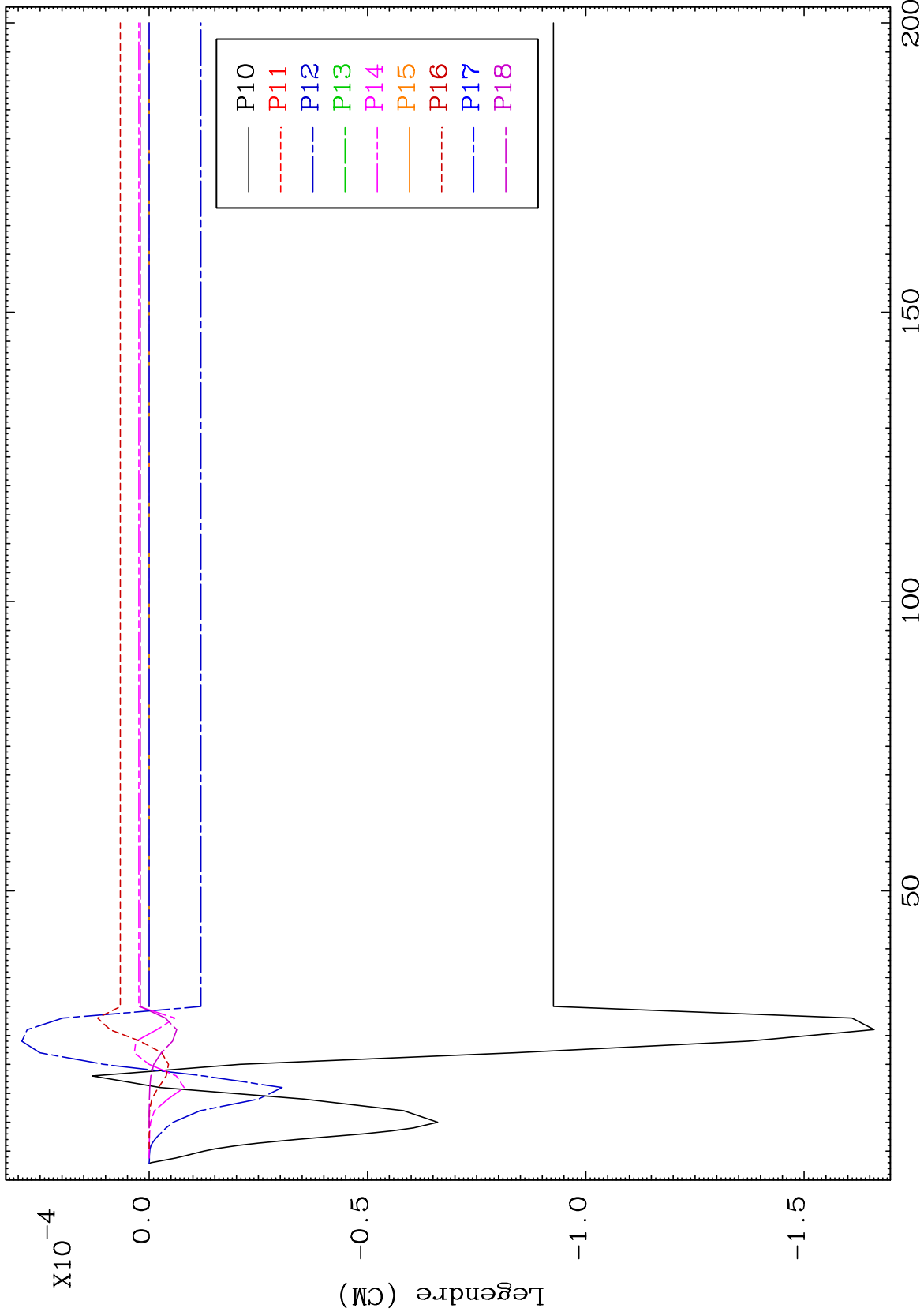


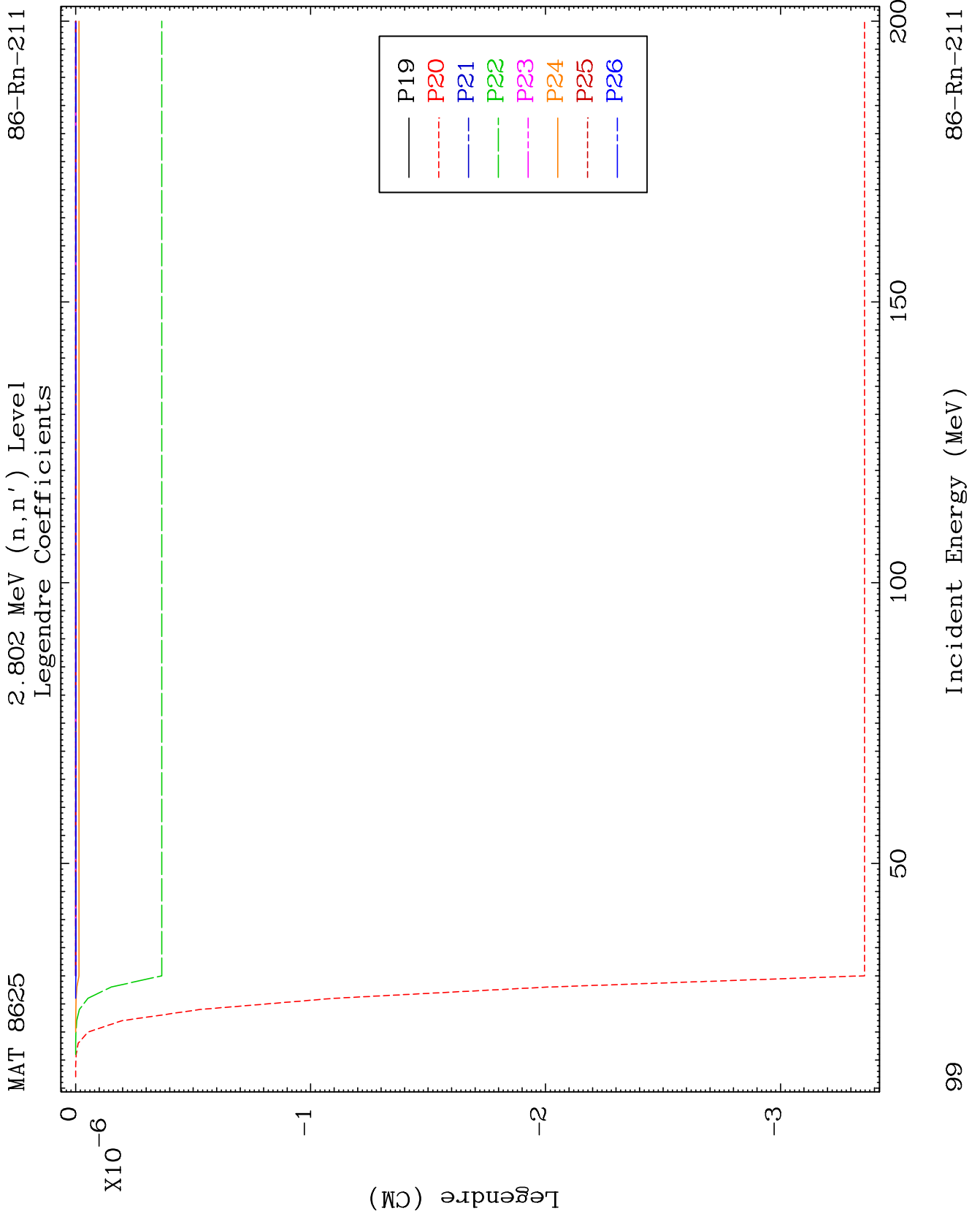
MAT 8625

2.802 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



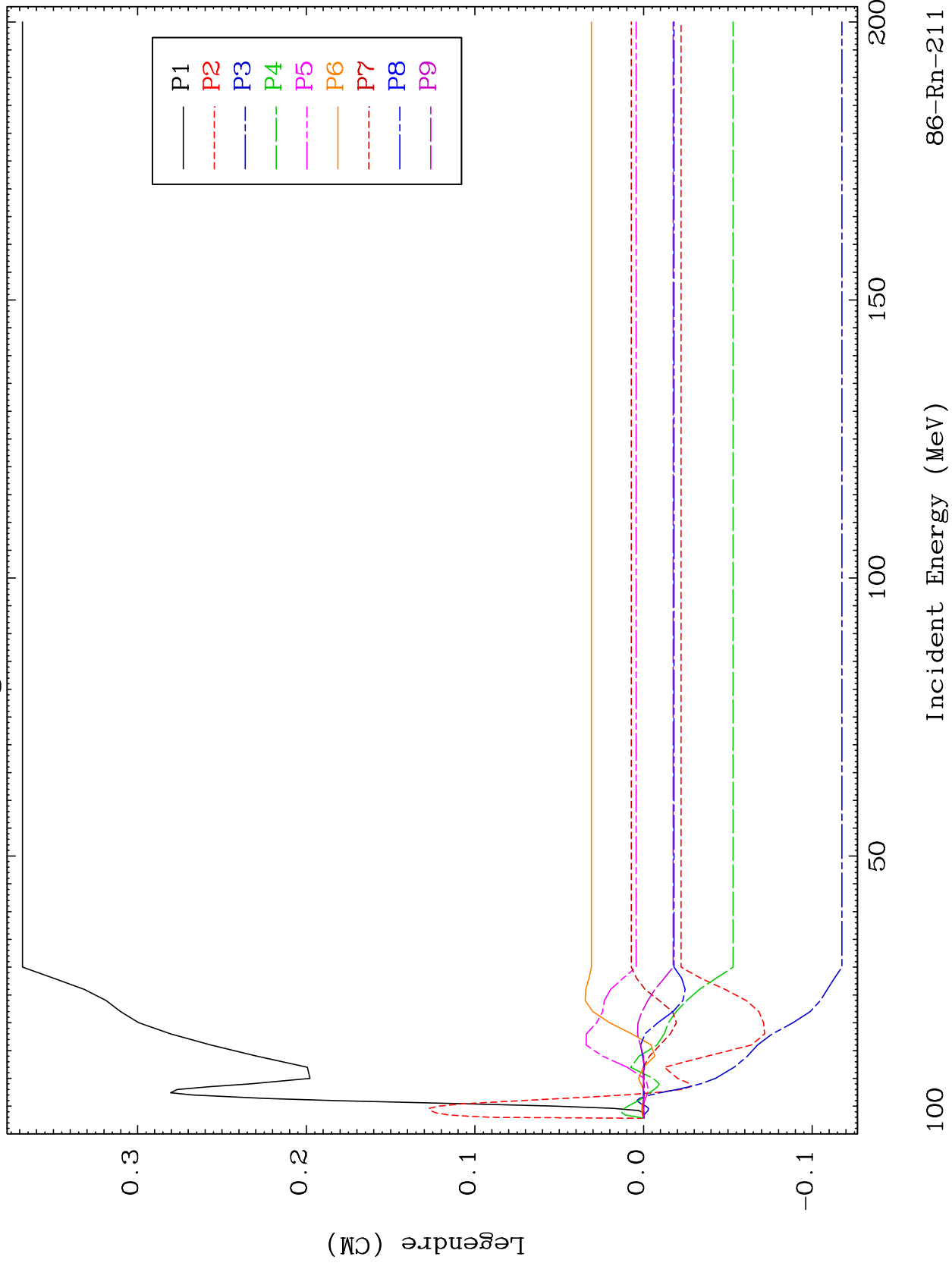




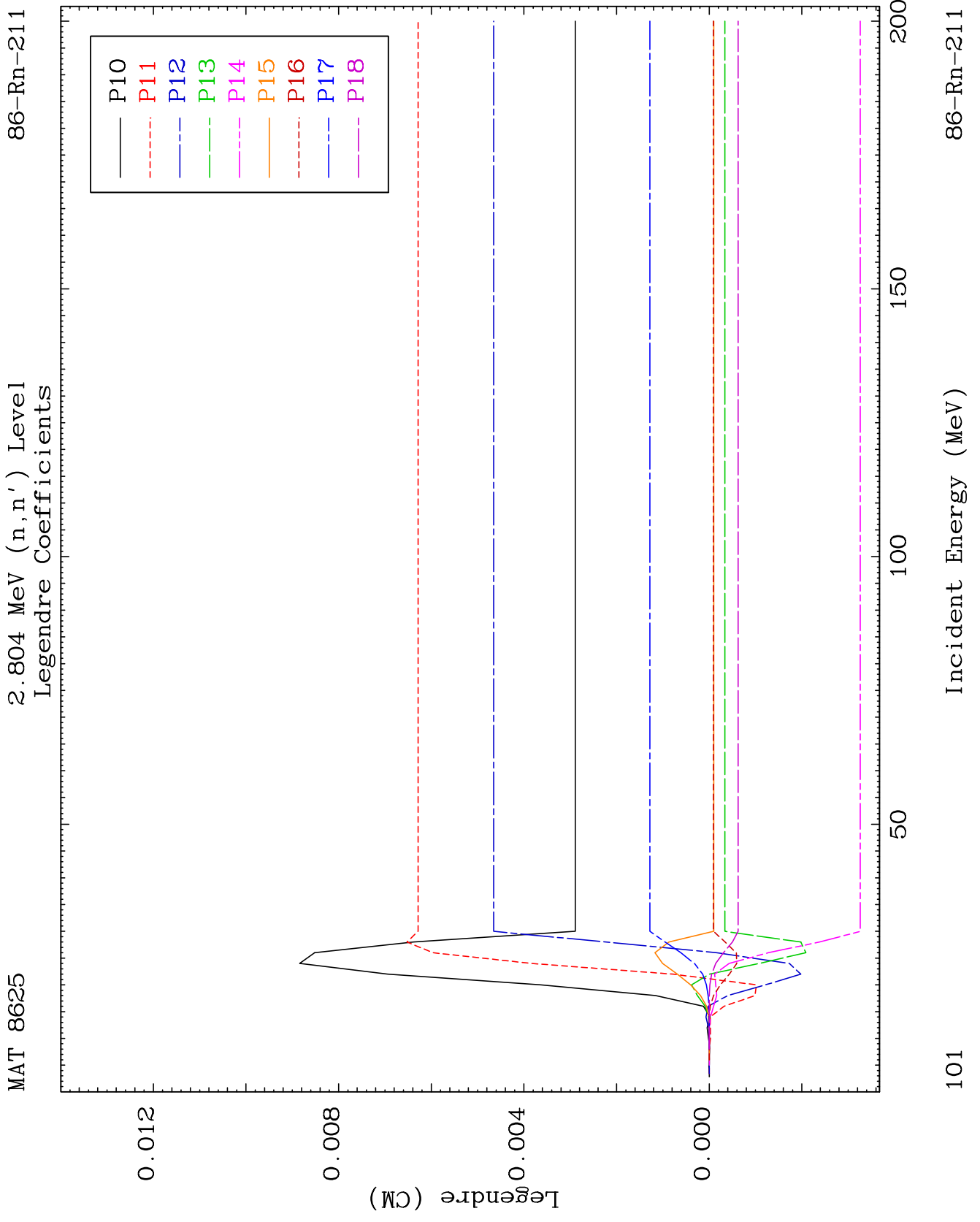
MAT 8625

2.804 MeV (n,n') Level
Legendre Coefficients

86-Rn-211



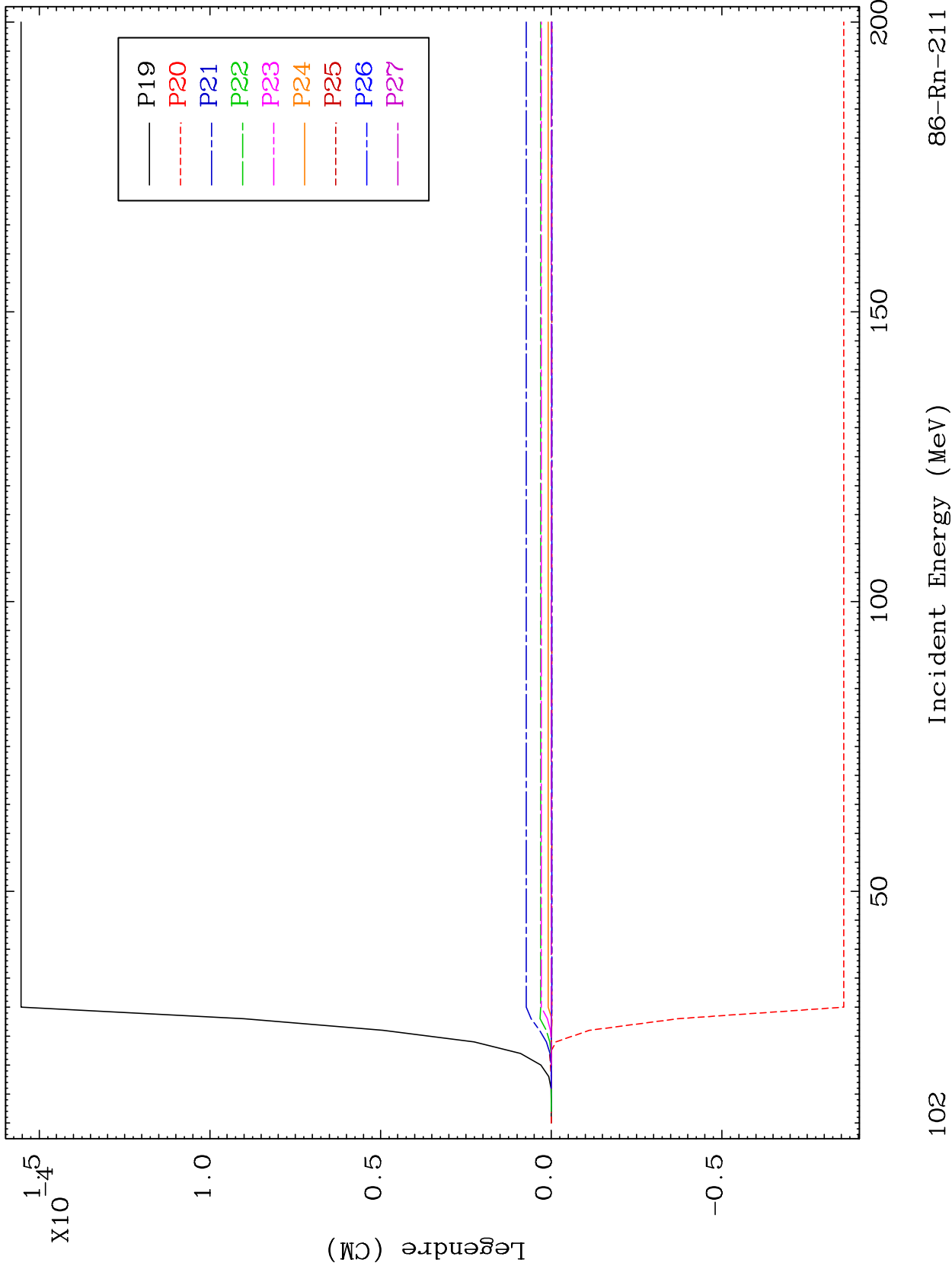
86-Rn-211



MAT 8625

2.804 MeV (n,n') Level
Legendre Coefficients

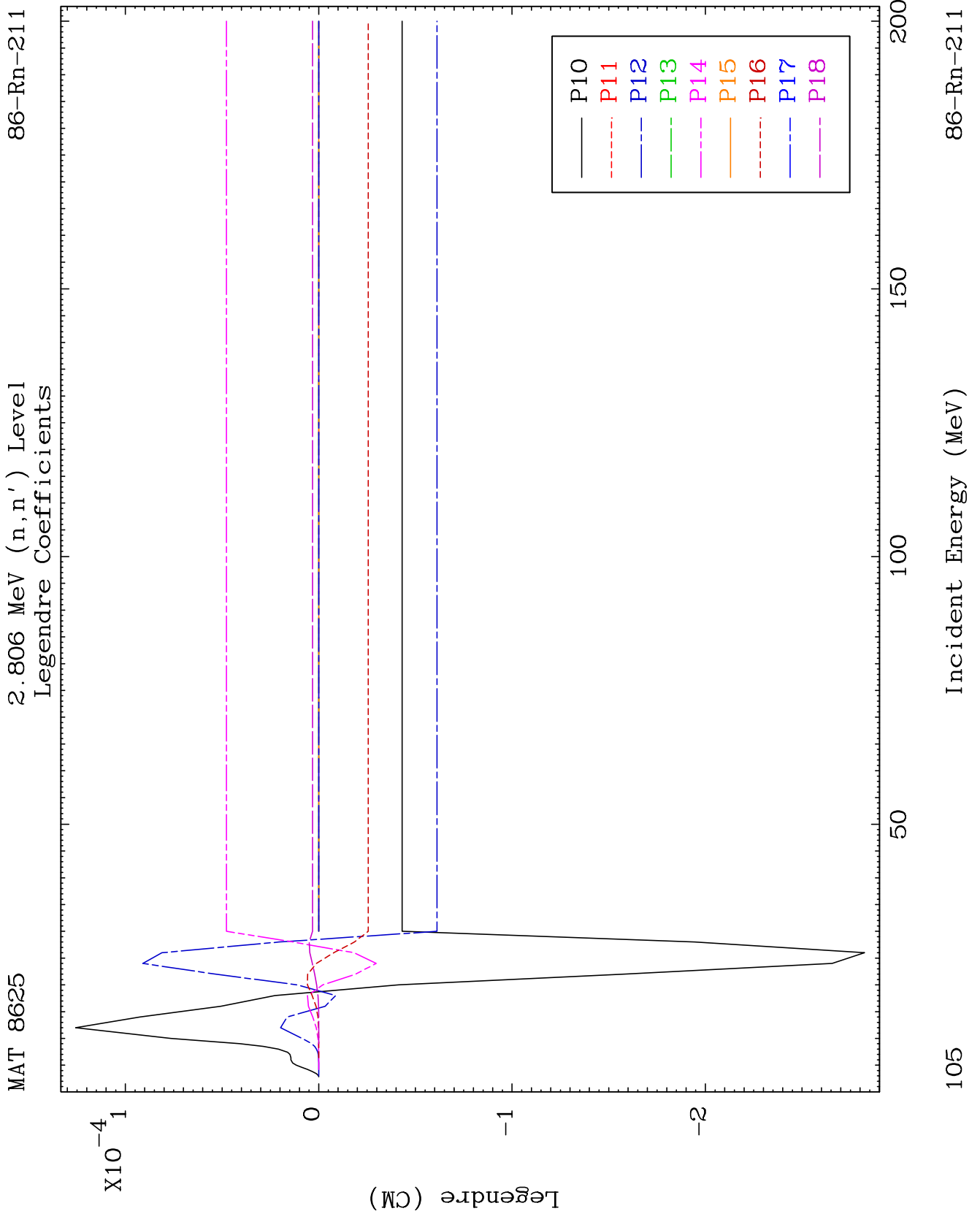
86-Rn-211

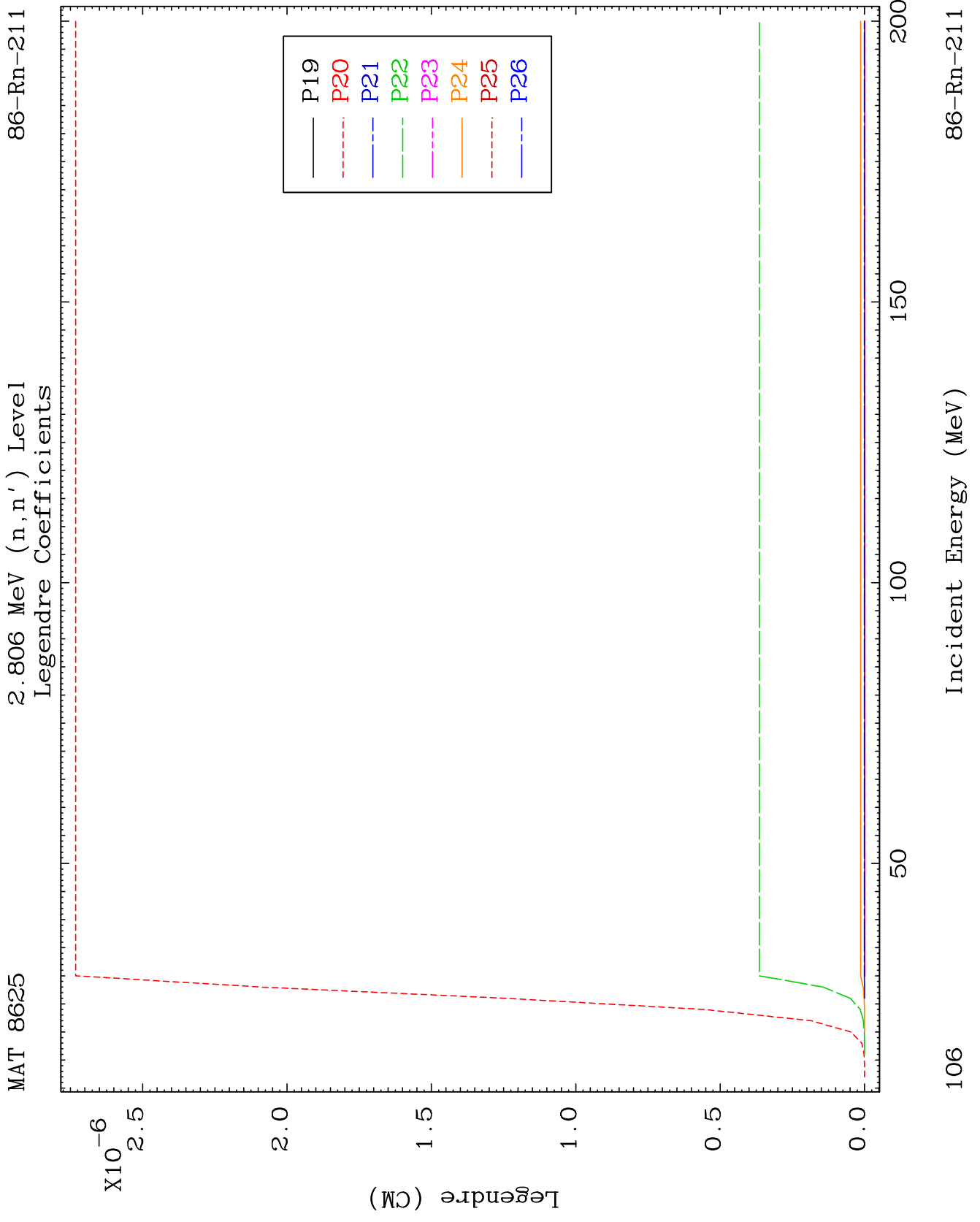


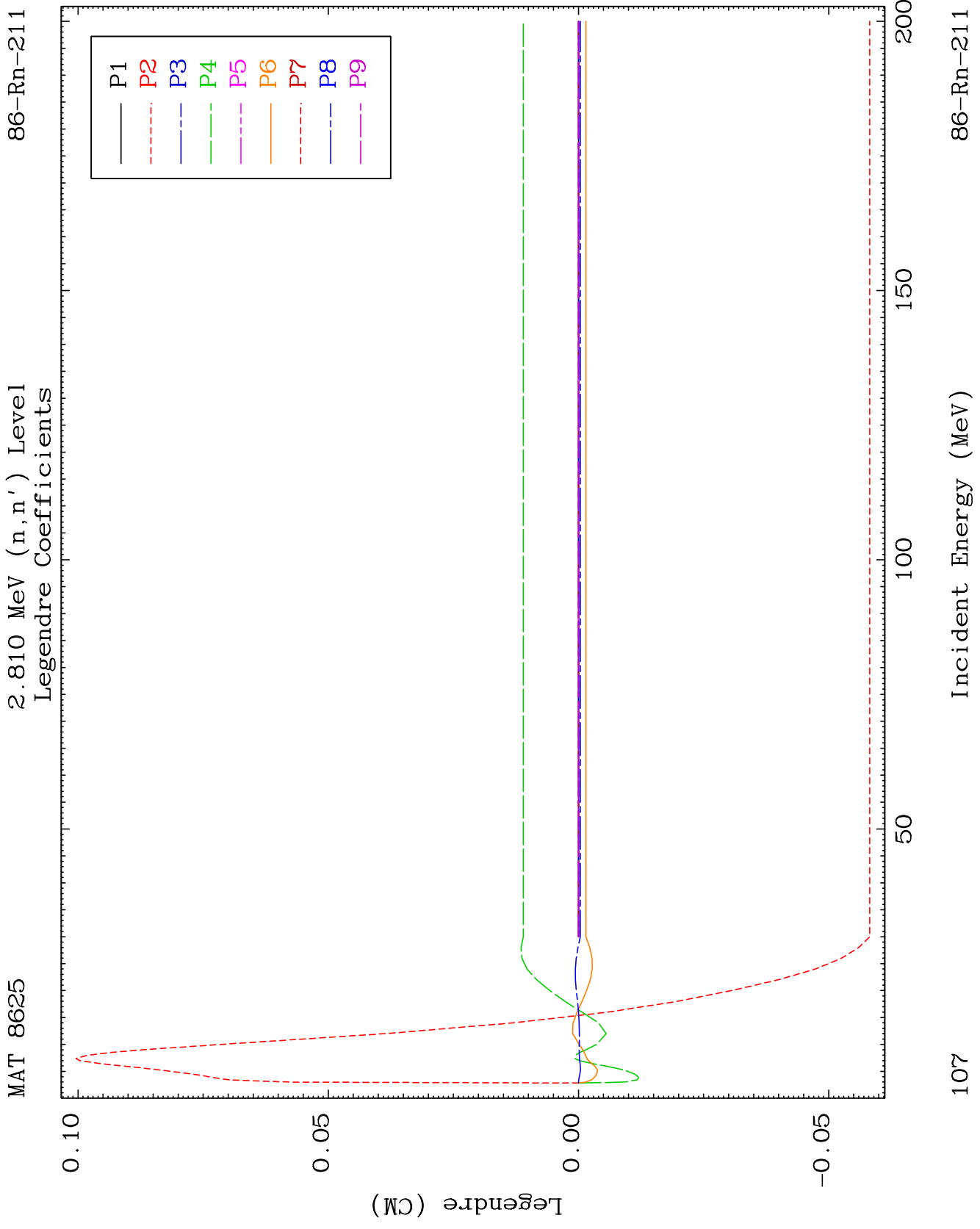
102

Incident Energy (MeV)

86-Rn-211



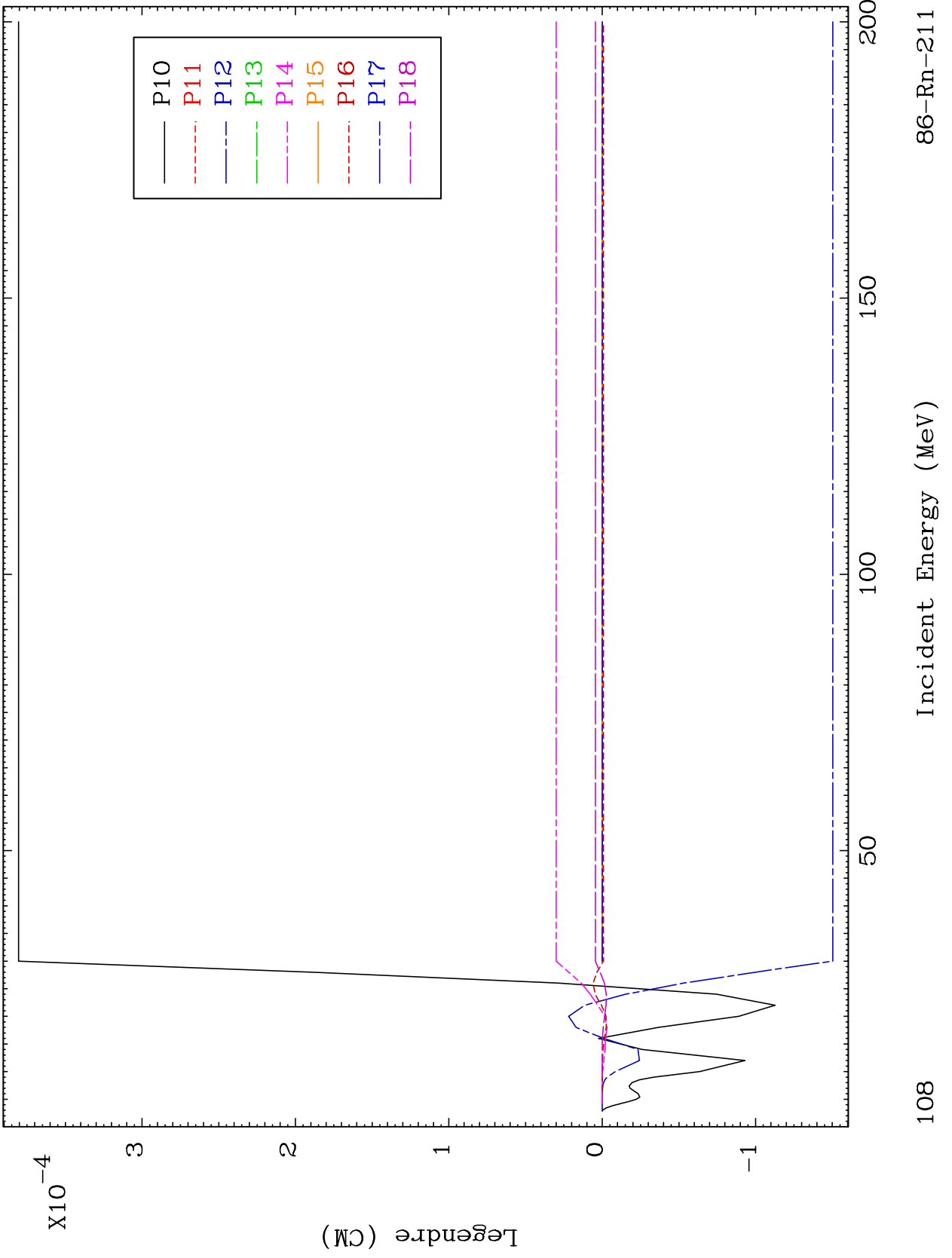




MAT 8625

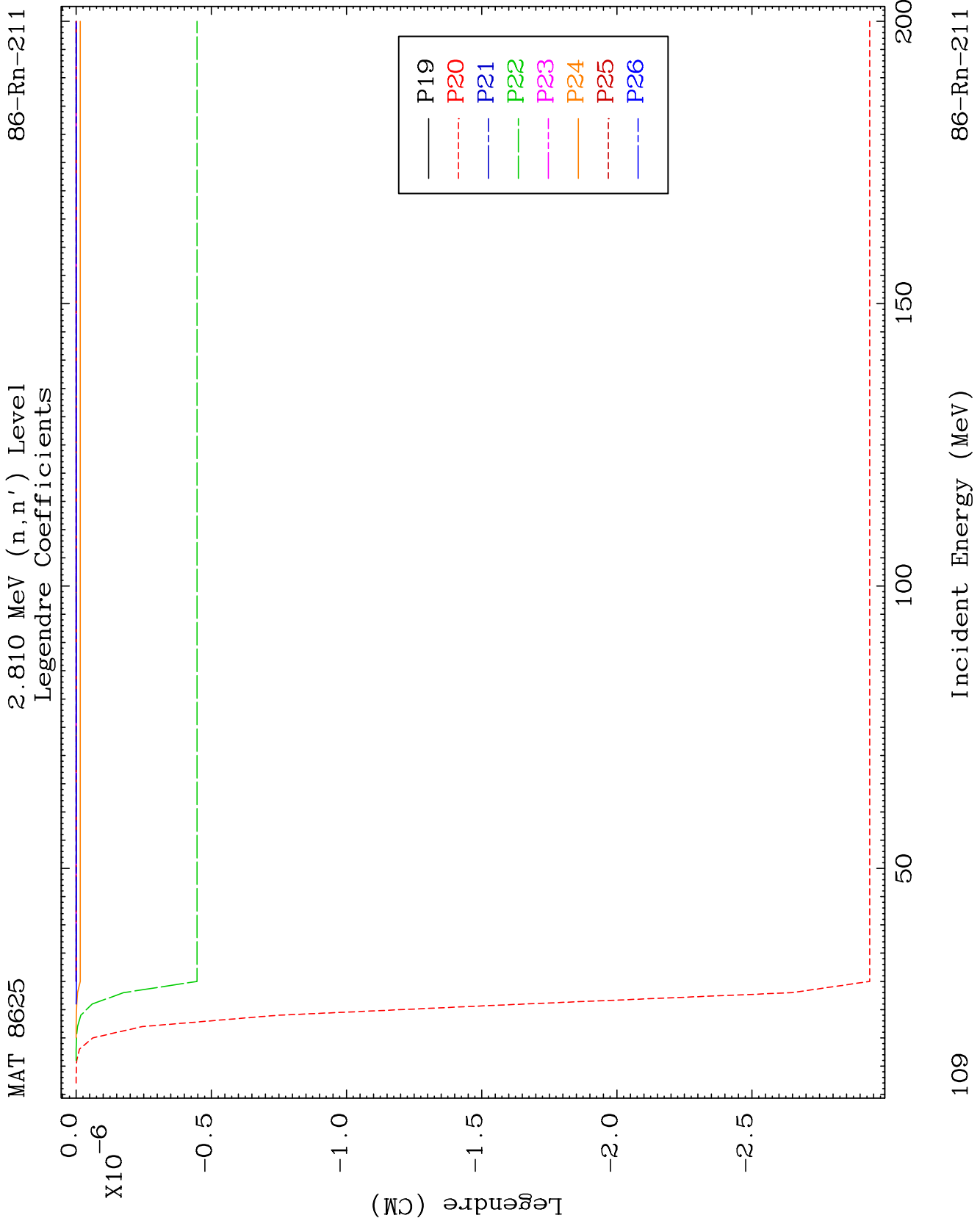
2.810 MeV (n,n') Level
Legendre Coefficients

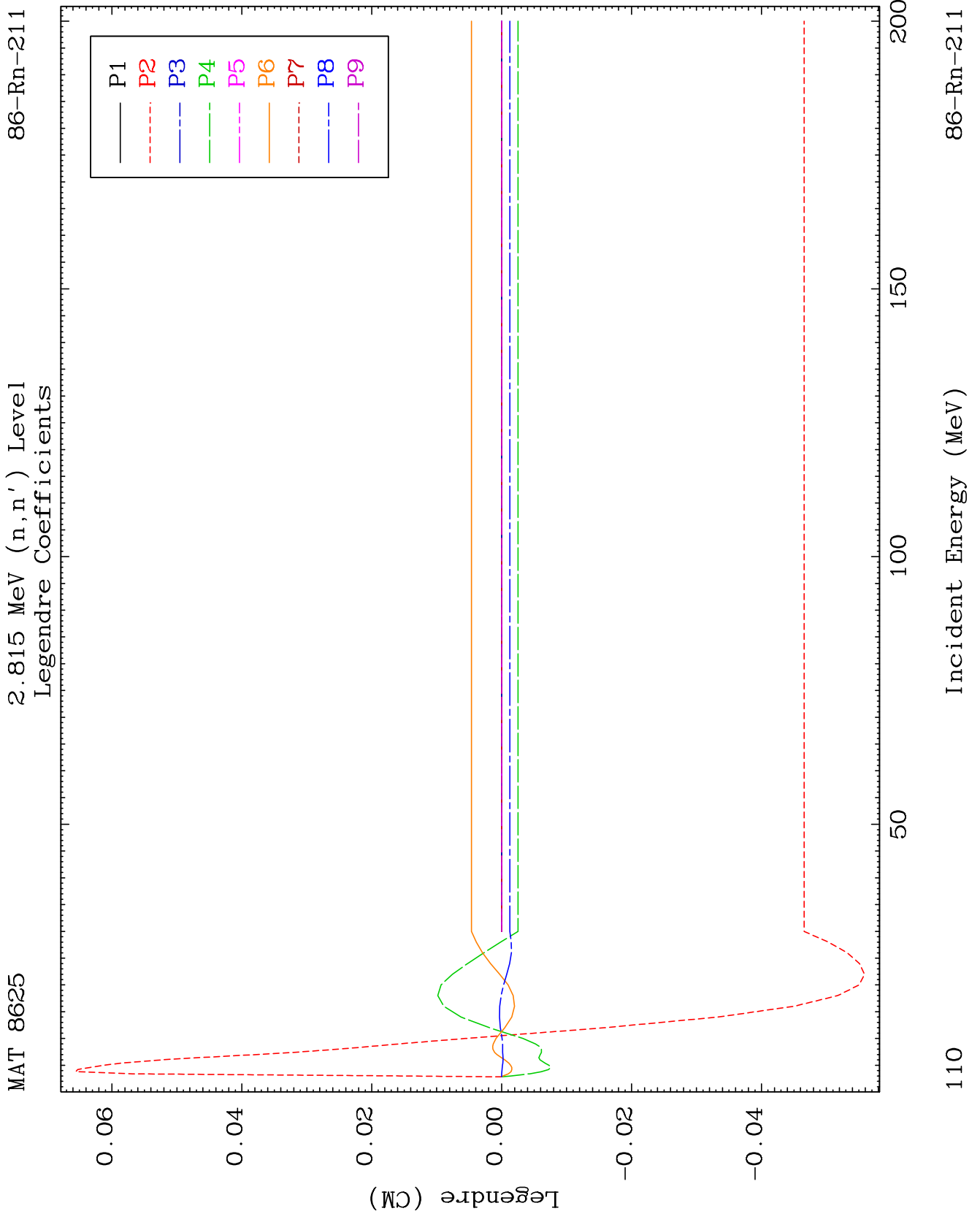
86-Rn-211



108

86-Rn-211

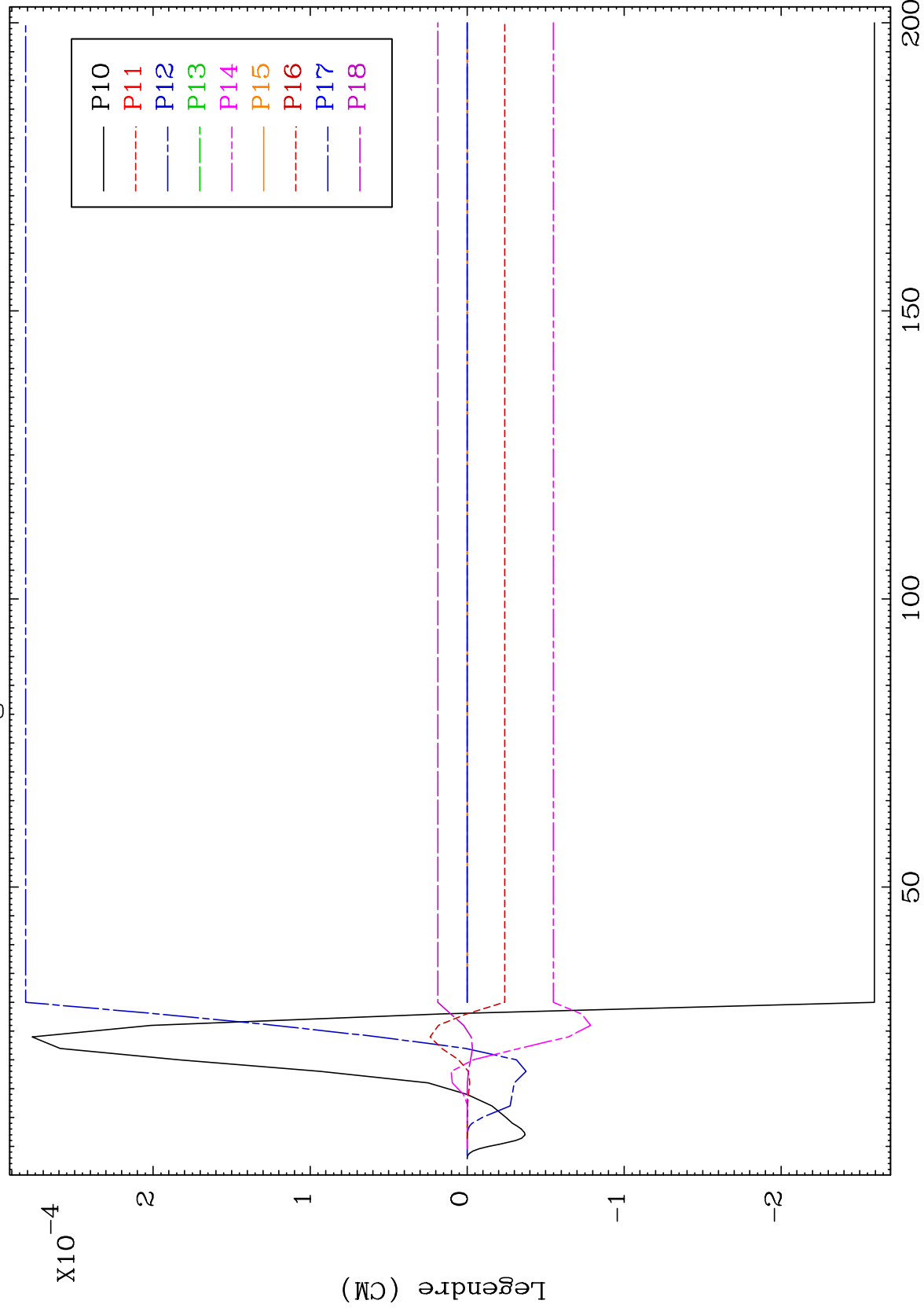




MAT 8625

2.815 MeV (n,n') Level
Legendre Coefficients

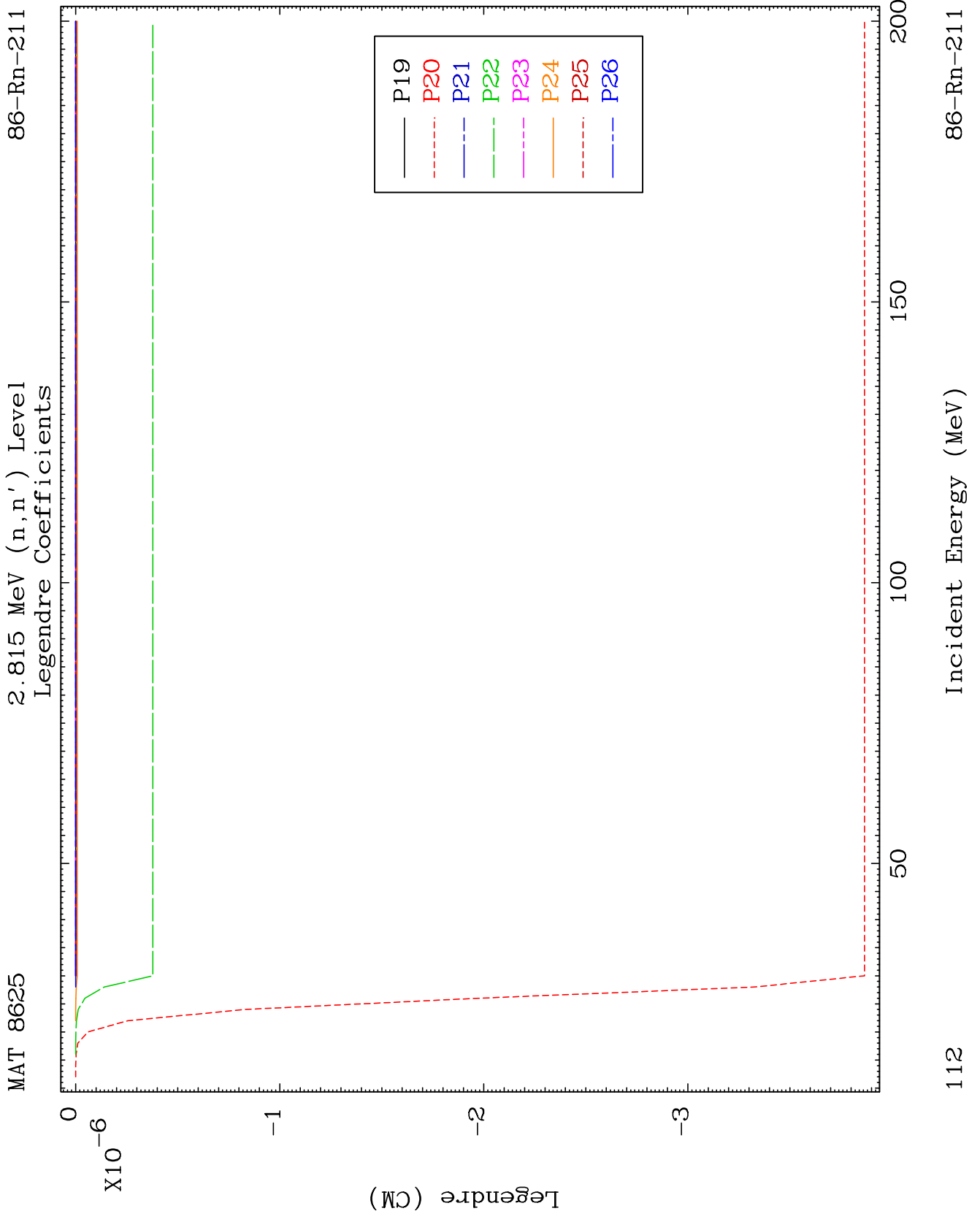
86-Rn-211



111

Incident Energy (MeV)

86-Rn-211

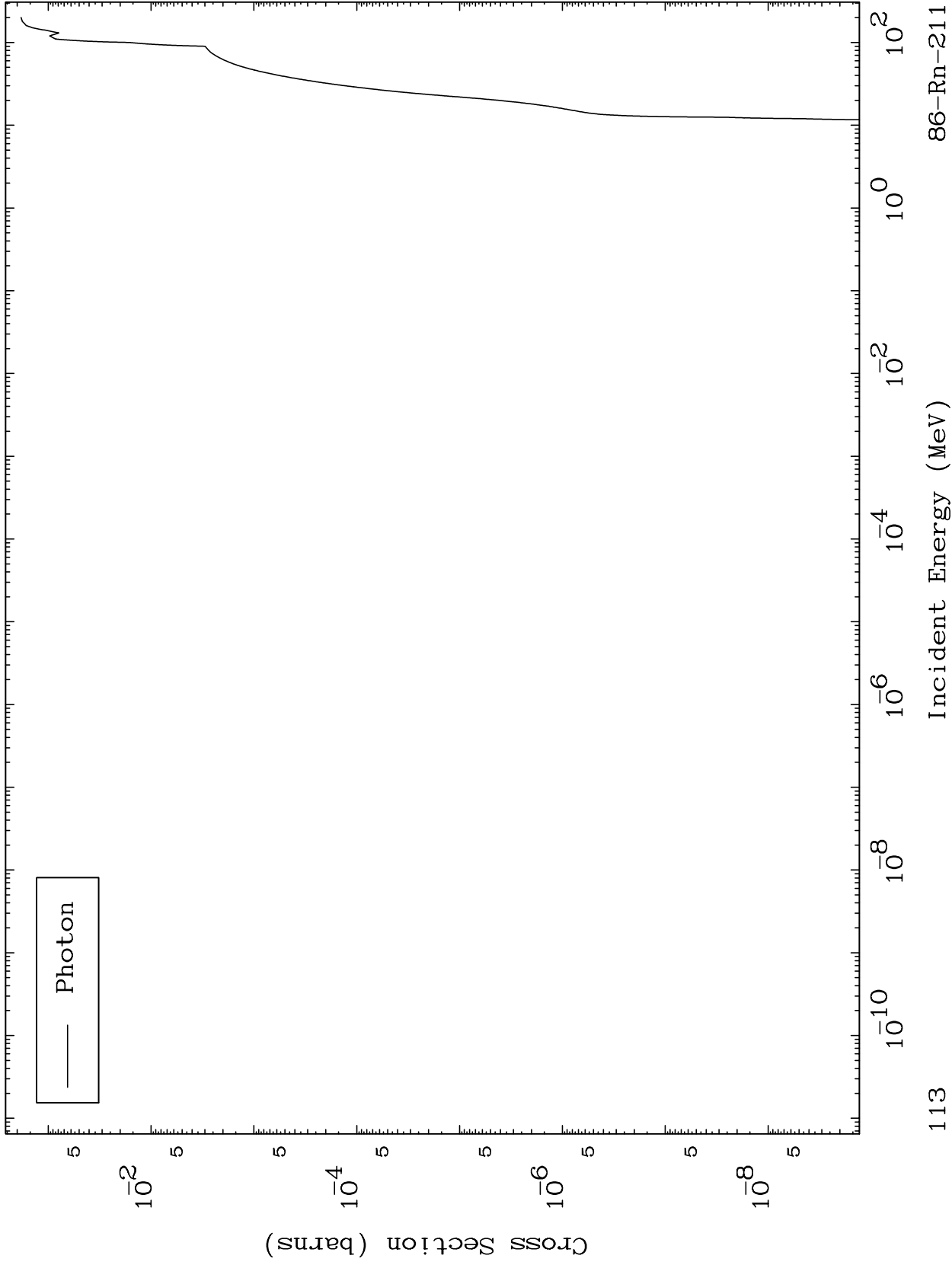


MAT 8625

Fission

86-Rn-211

Radionuclide Production Cross Section



113

Incident Energy (MeV)

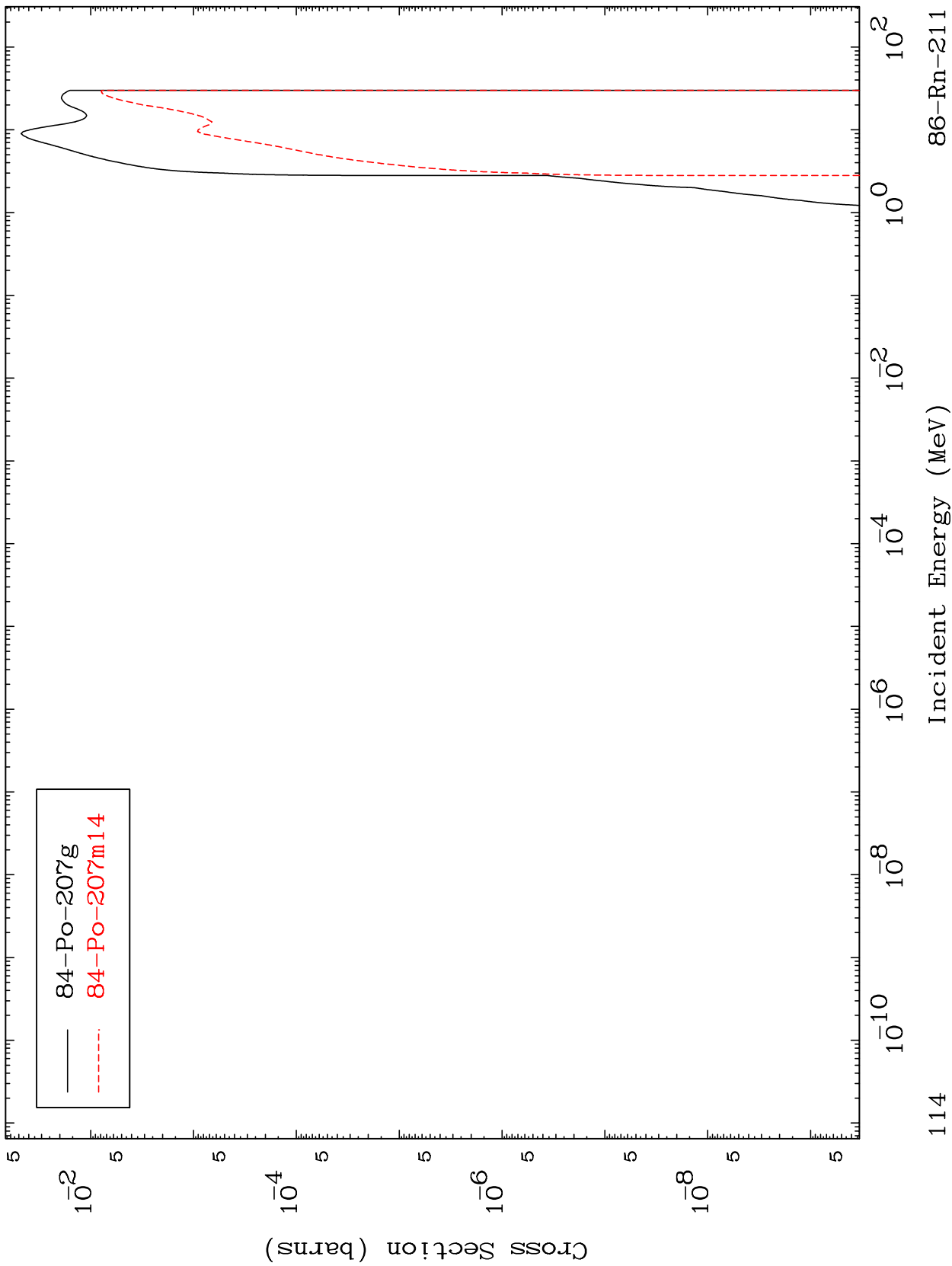
86-Rn-211

MAT 8625

$(n, n') \alpha$

86-Rn-211

Radionuclide Production Cross Section



114

Incident Energy (MeV)

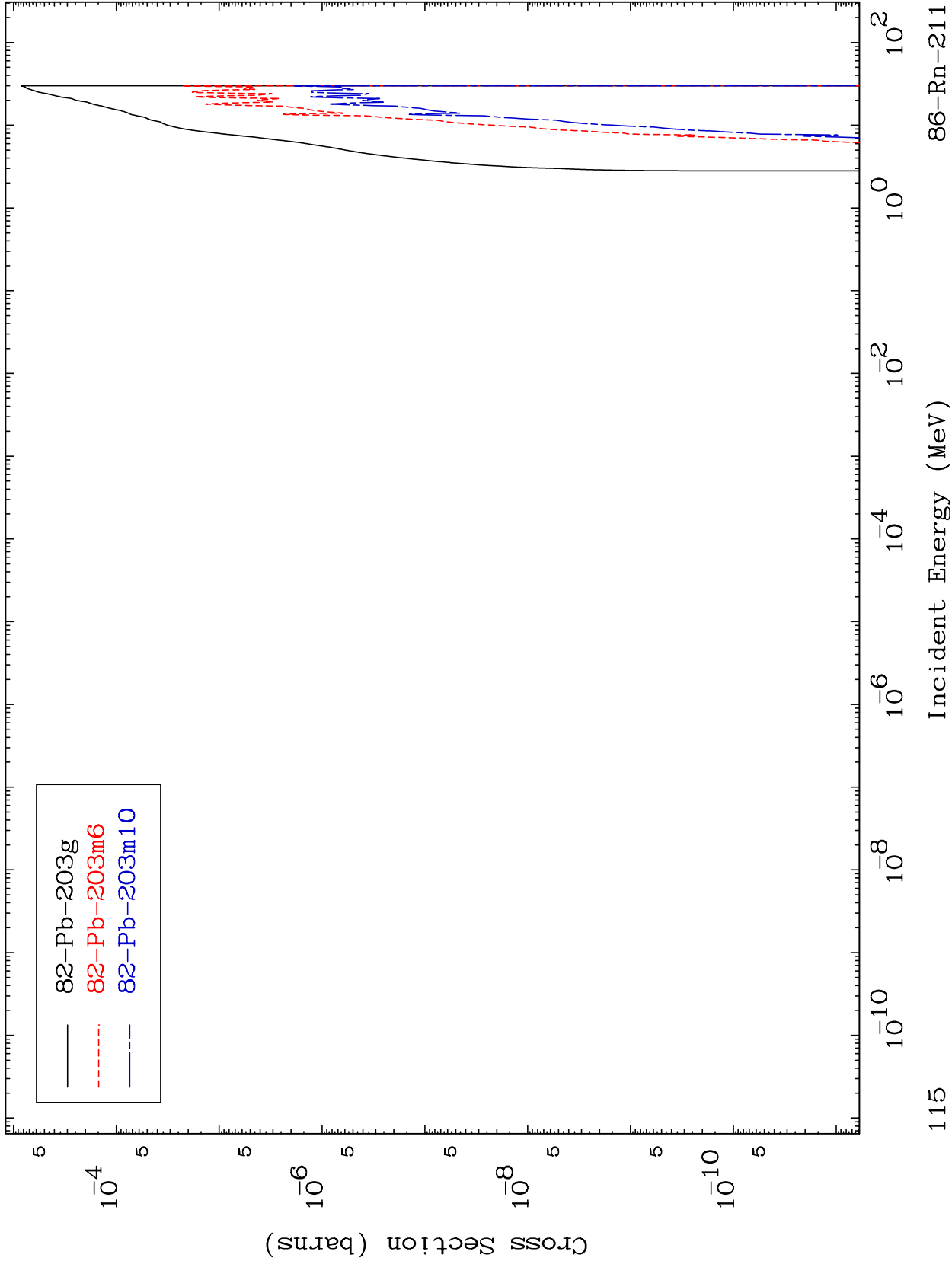
86-Rn-211

MAT 8625

(n,n') 2 α

86-Rn-211

Radionuclide Production Cross Section

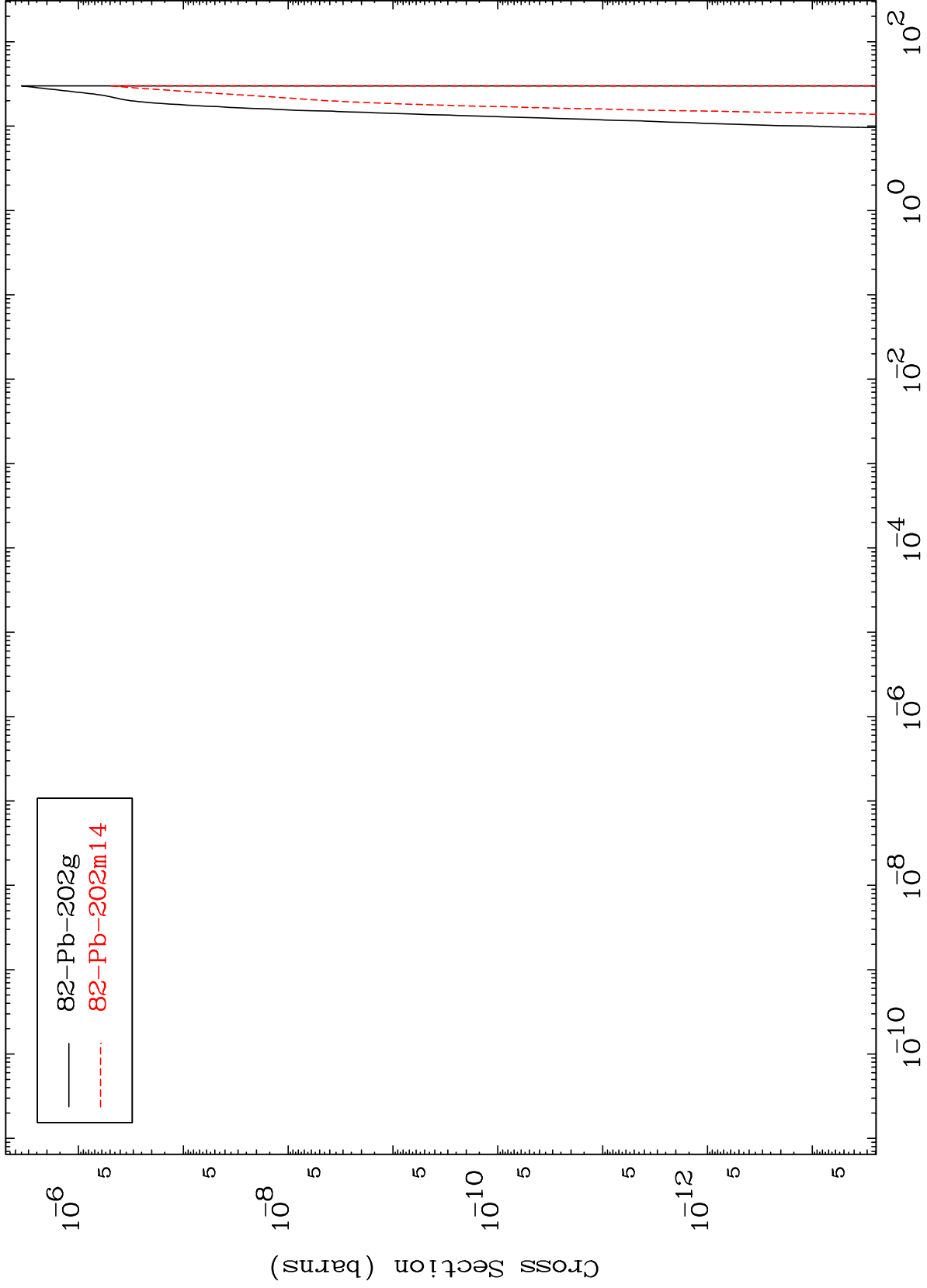


MAT 8625

(n,2n) 2α

86-Rn-211

Radionuclide Production Cross Section



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Incident Energy (MeV)

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MAT 8625

(n,2α)

86-Rn-211

Radionuclide Production Cross Section

