

Program EVALPLOT
(Version 2017-1)

by

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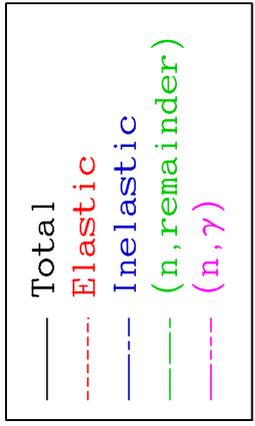
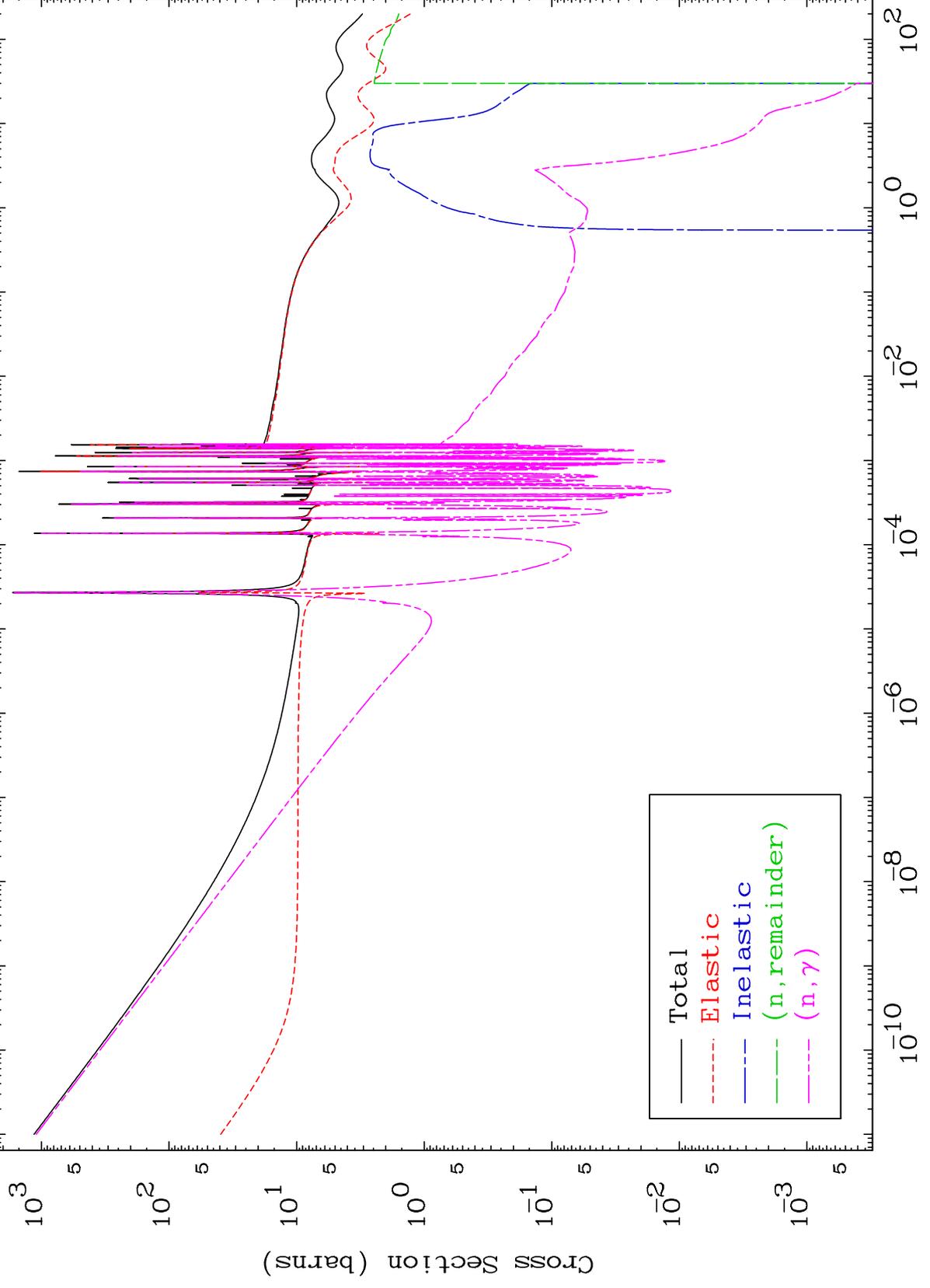
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MAT 8625

Major

293 Kelvin Cross Sections

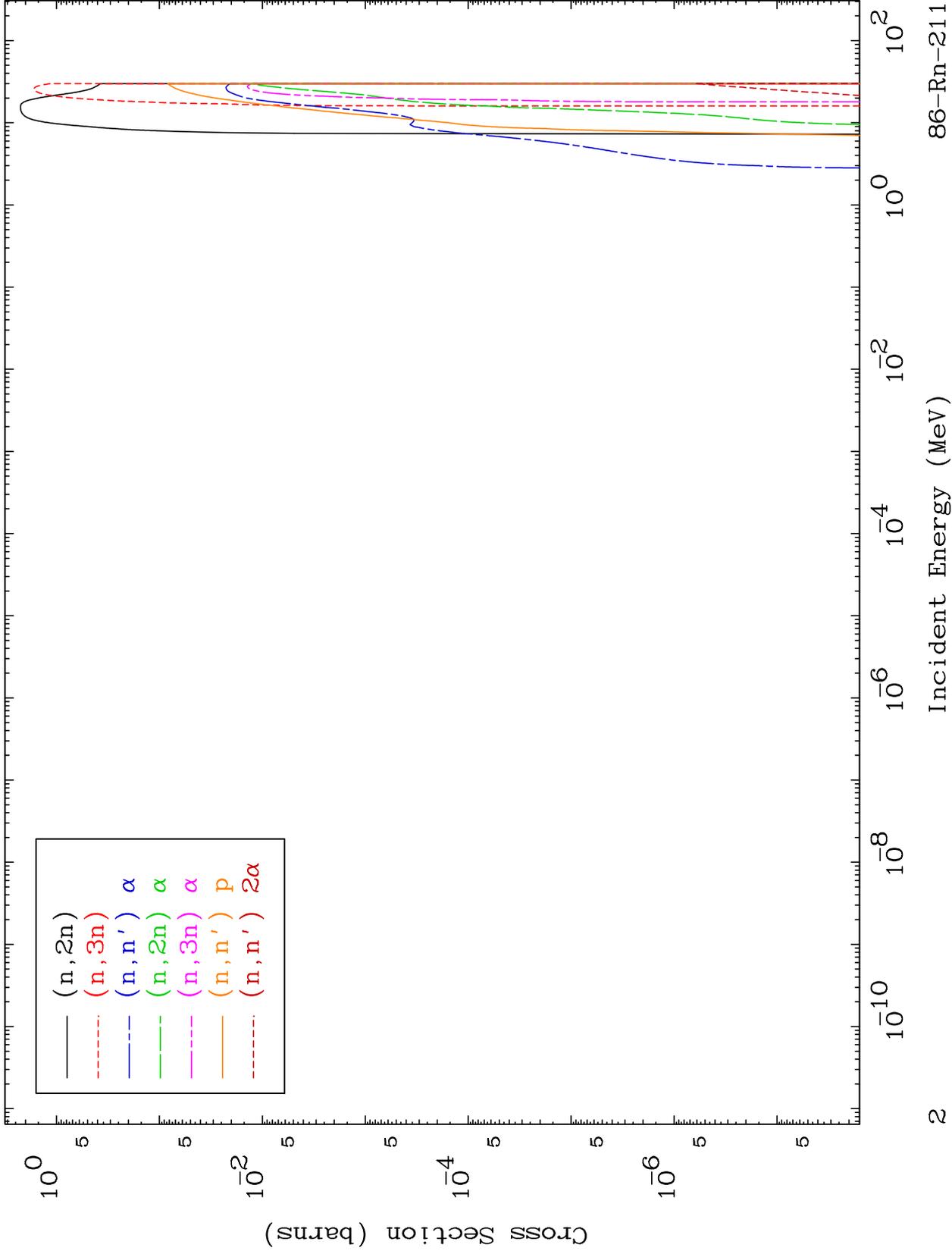
86-Rn-211



MAT 8625

Neutron Production
293 Kelvin Cross Sections

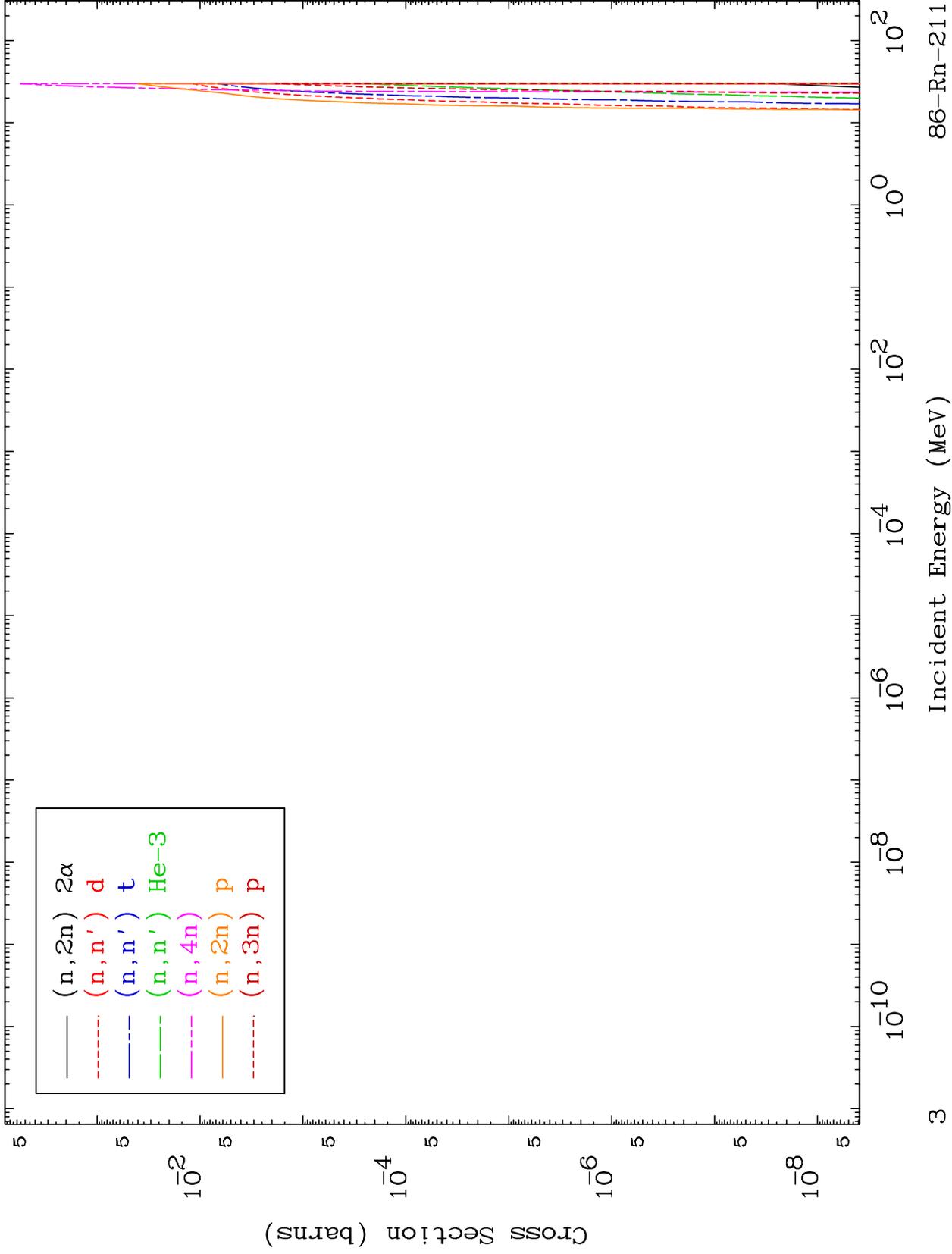
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MAT 8625

Neutron Production
293 Kelvin Cross Sections

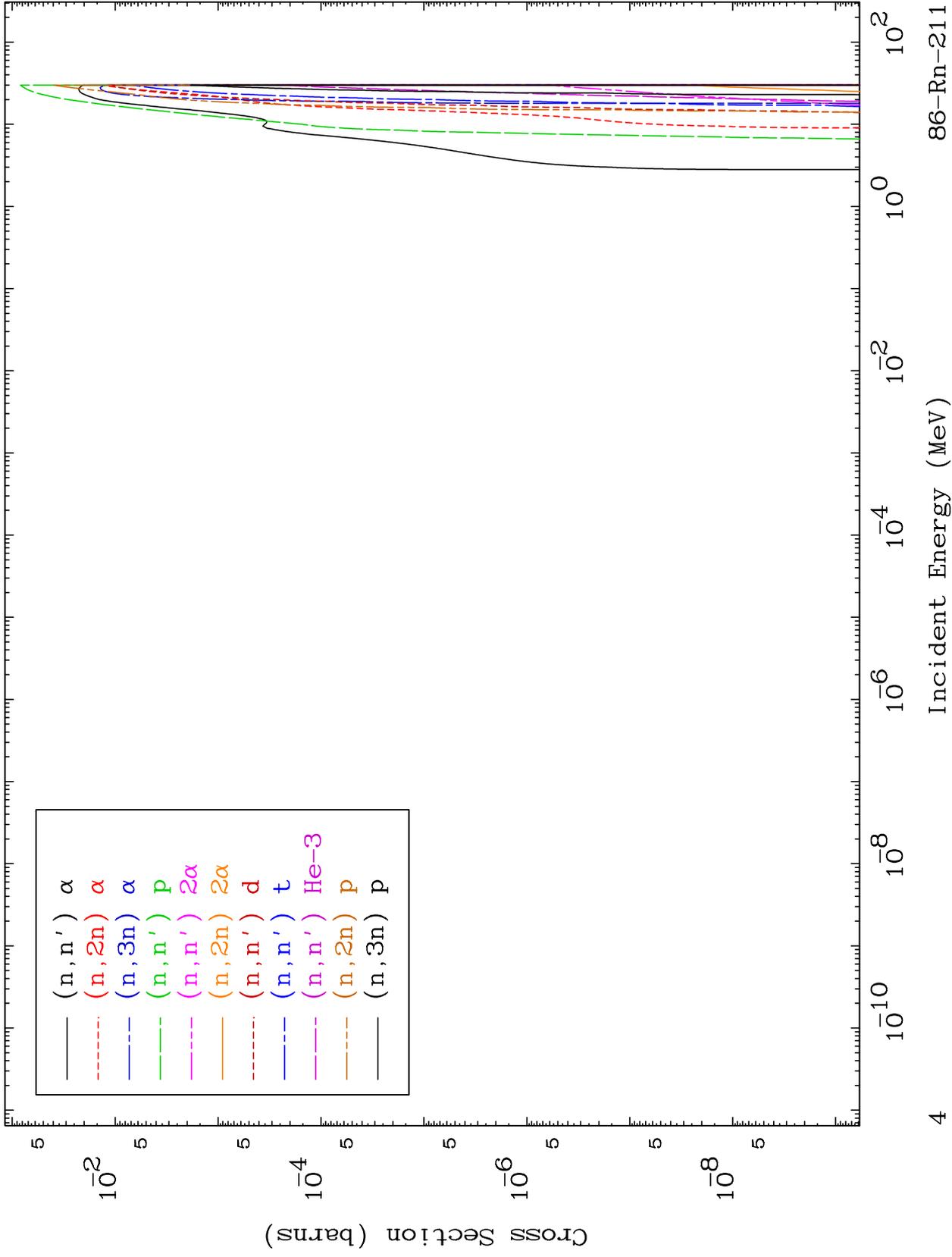
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MAT 8625

Charged Particle
293 Kelvin Cross Sections

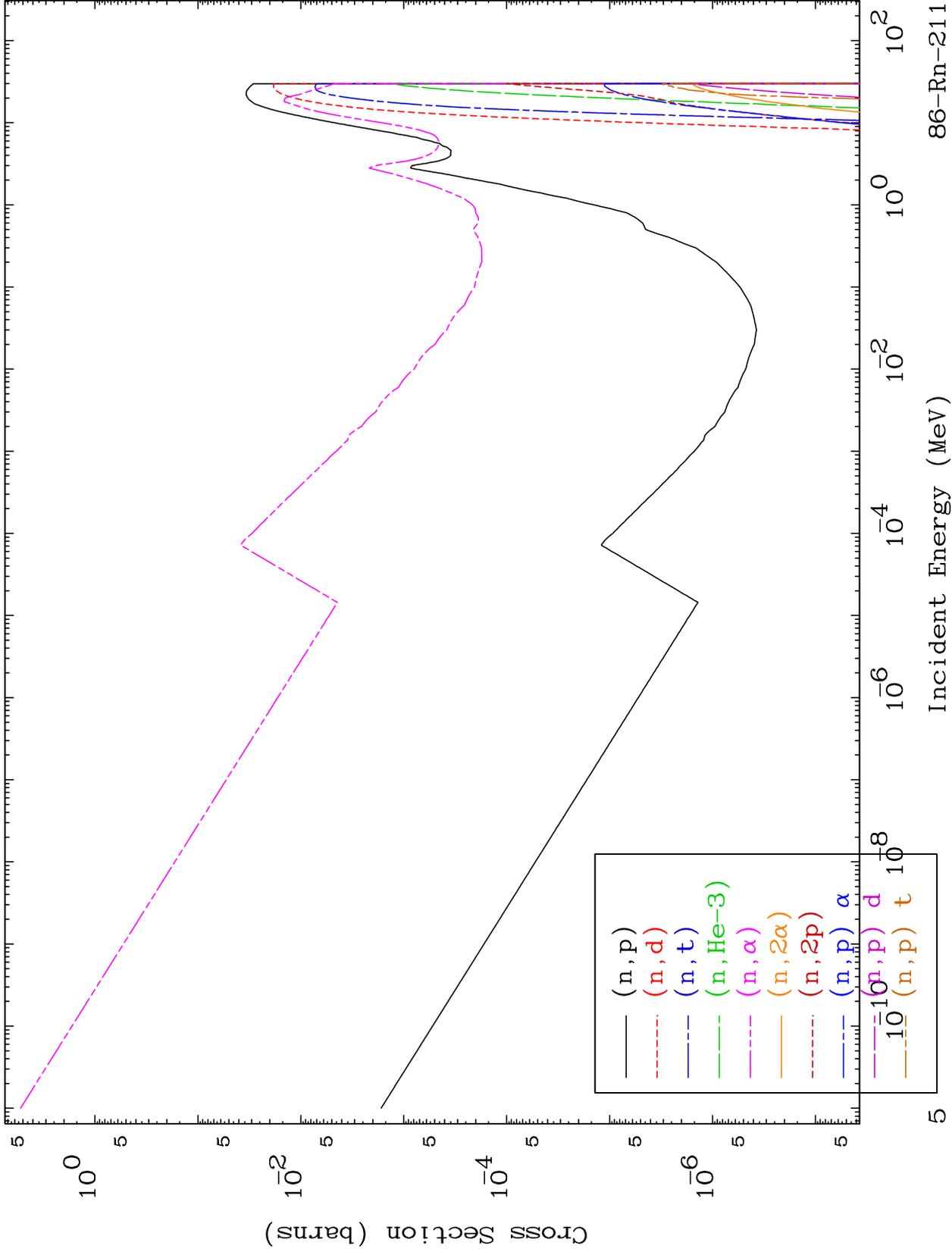
86-Rn-211



MAT 8625

Charged Particle
293 Kelvin Cross Sections

86-Rn-211



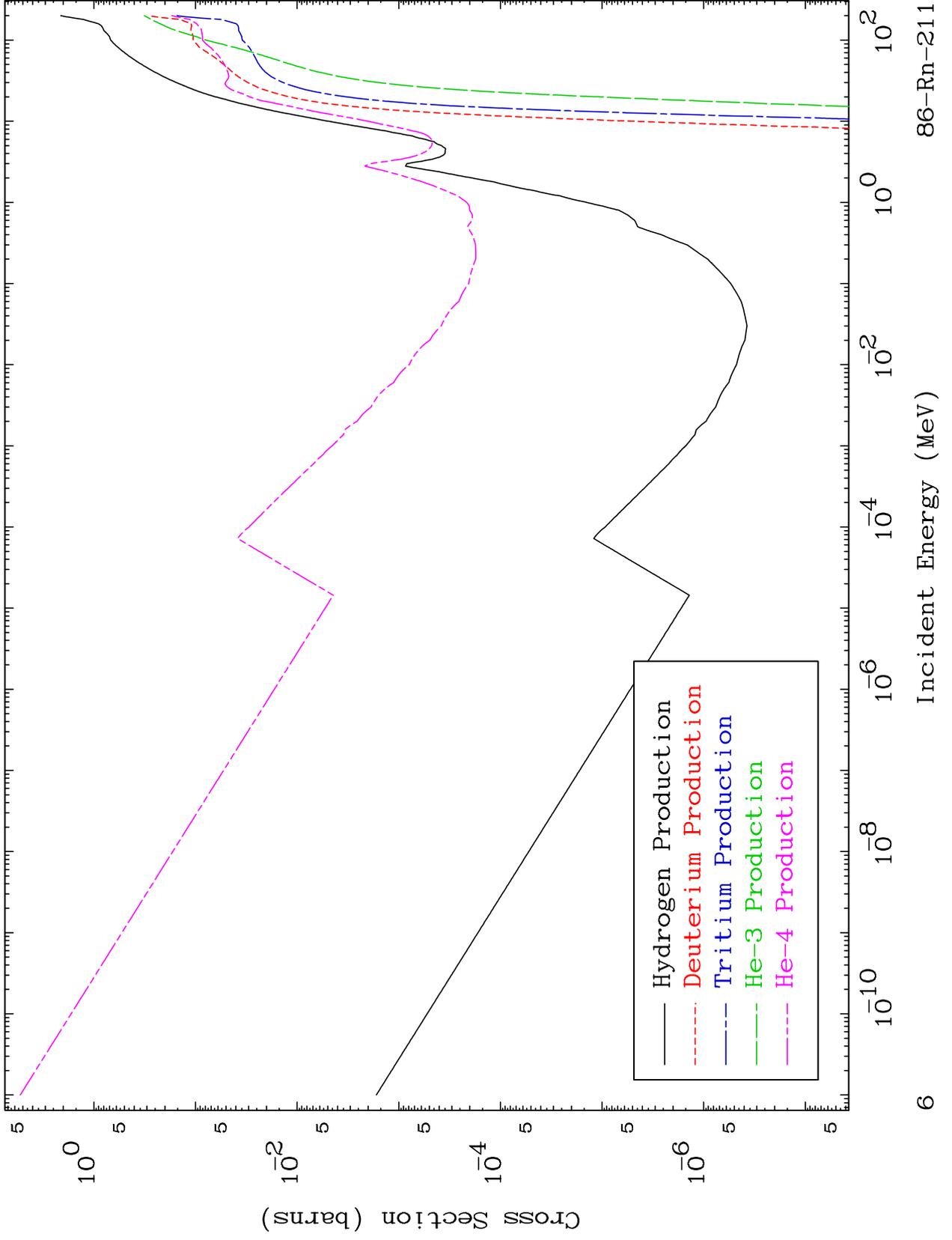
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Incident Energy (MeV)

MAT 8625

Particle Production
293 Kelvin Cross Sections

86-Rn-211

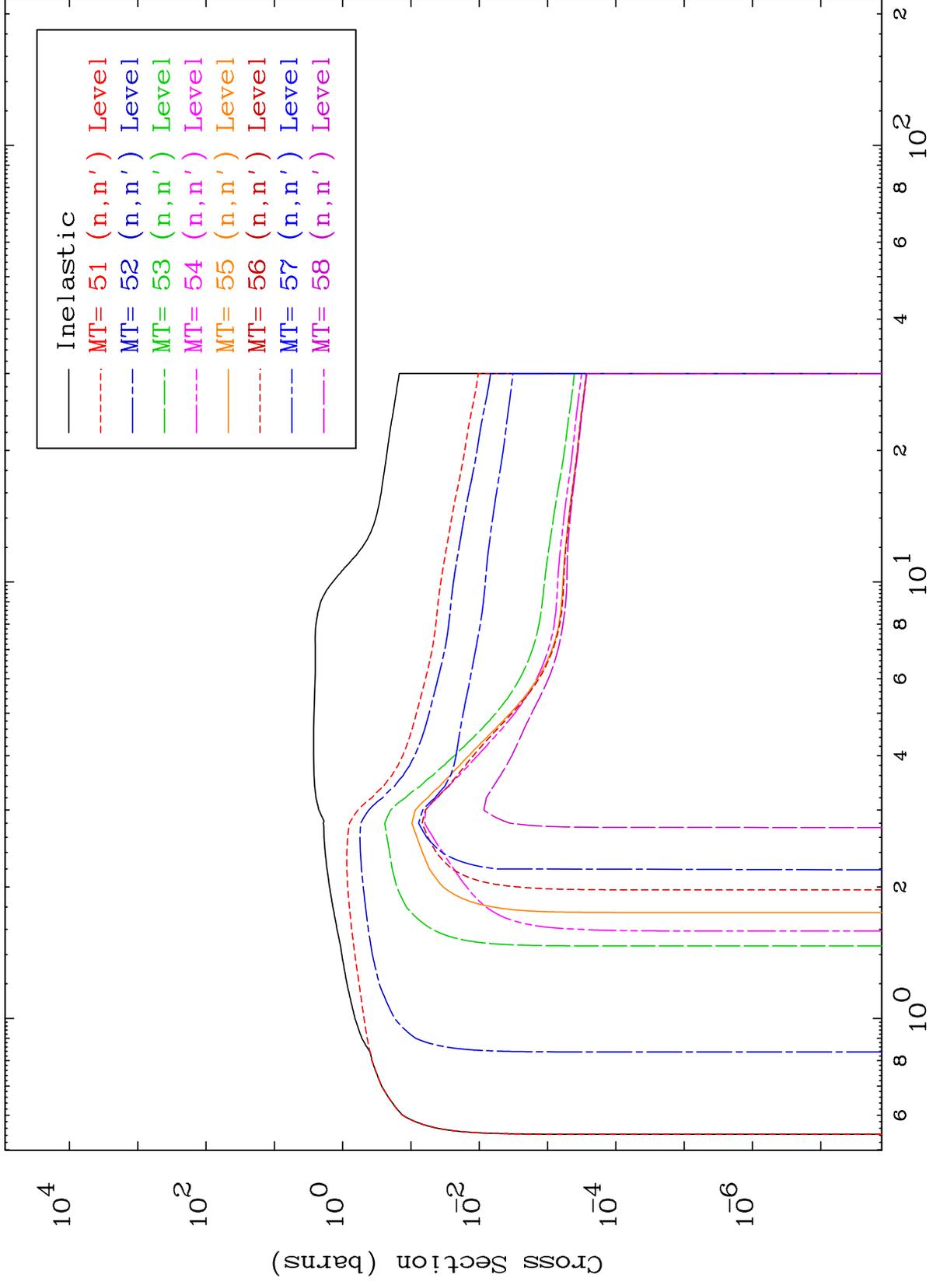


MAT 8625

(n,n') Level

86-Rn-211

293 Kelvin Cross Sections



7

Incident Energy (MeV)

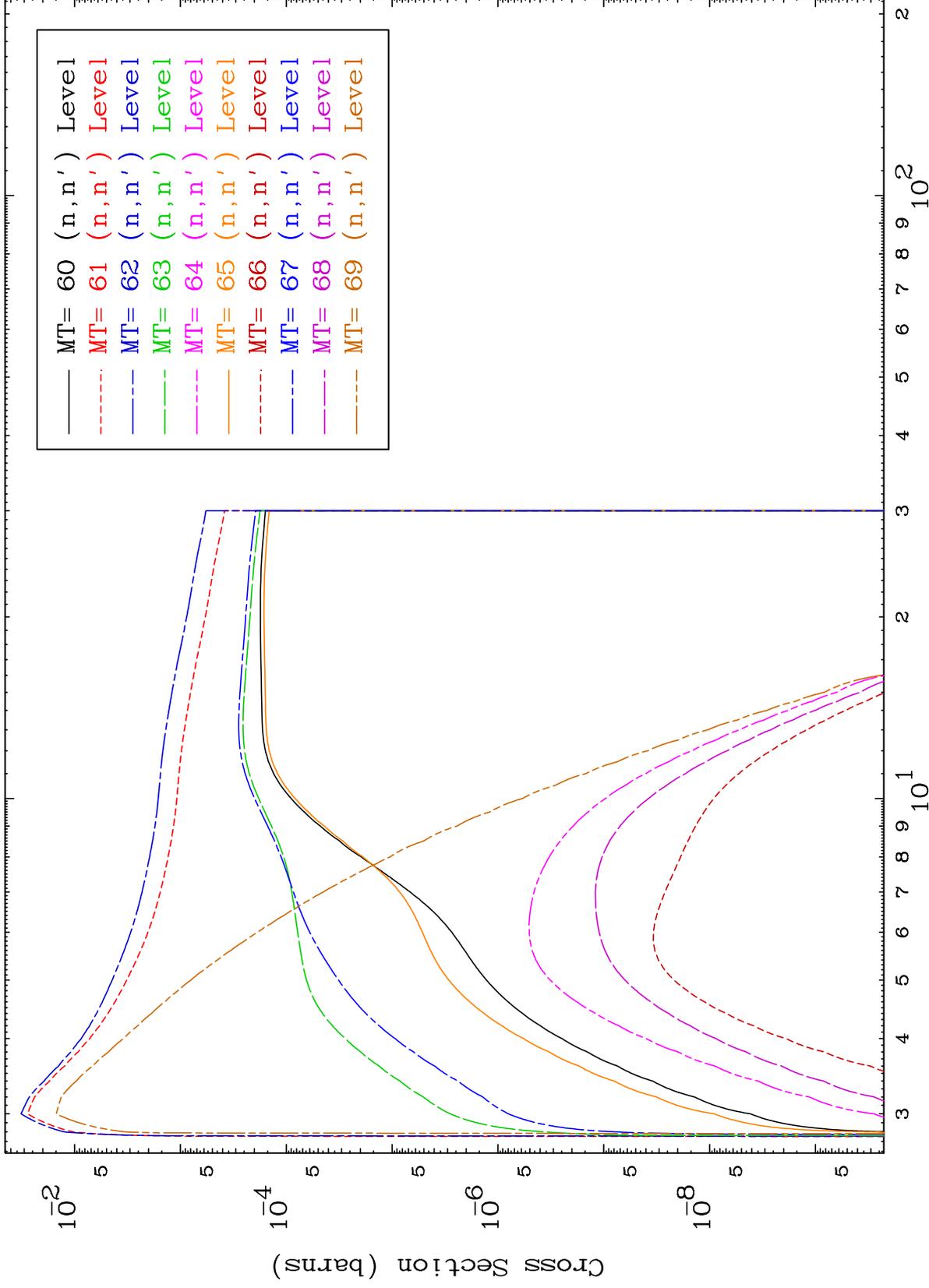
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MAT 8625

(n,n') Level

86-Rn-211

293 Kelvin Cross Sections

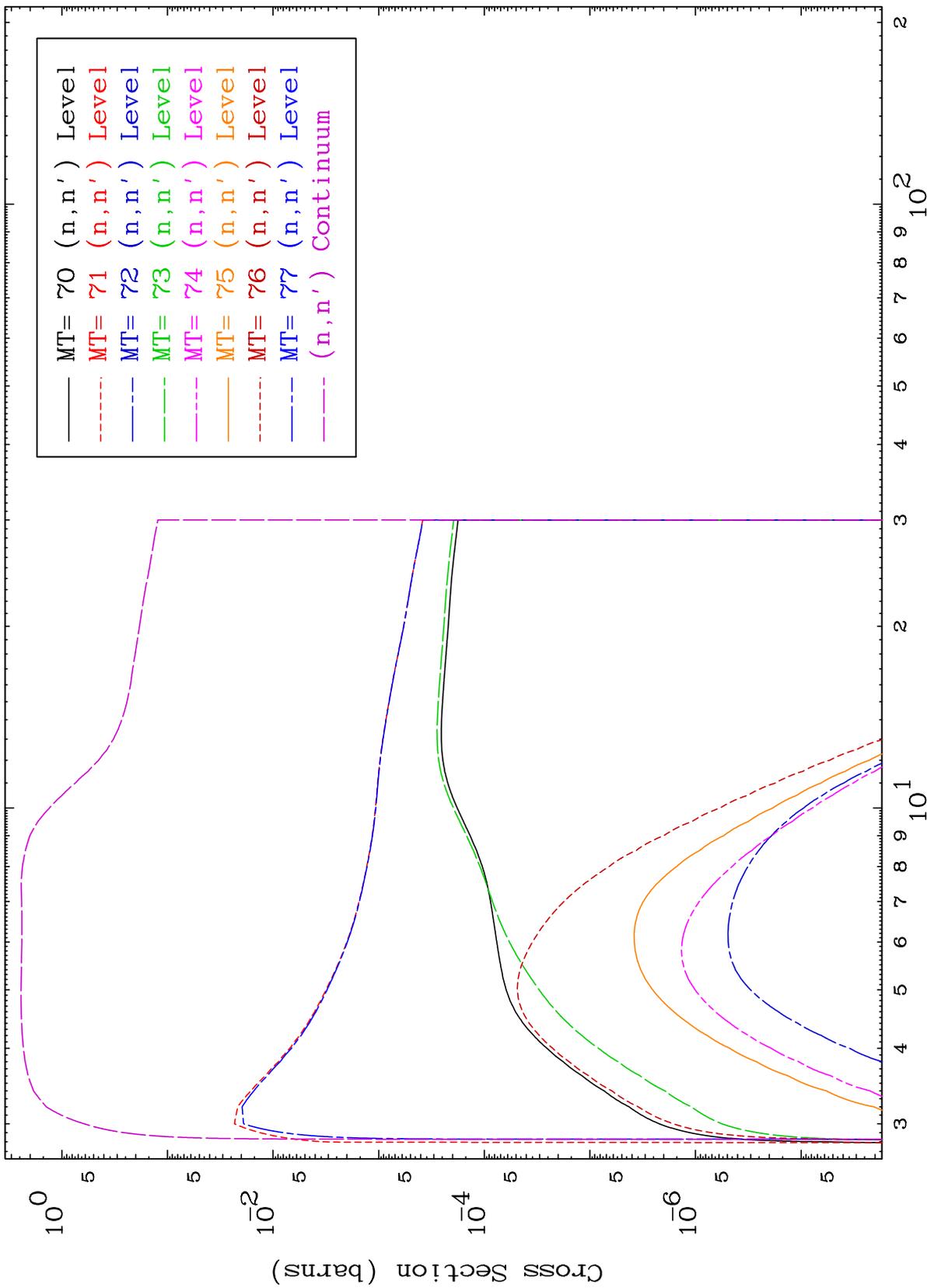


8

Incident Energy (MeV)

86-Rn-211

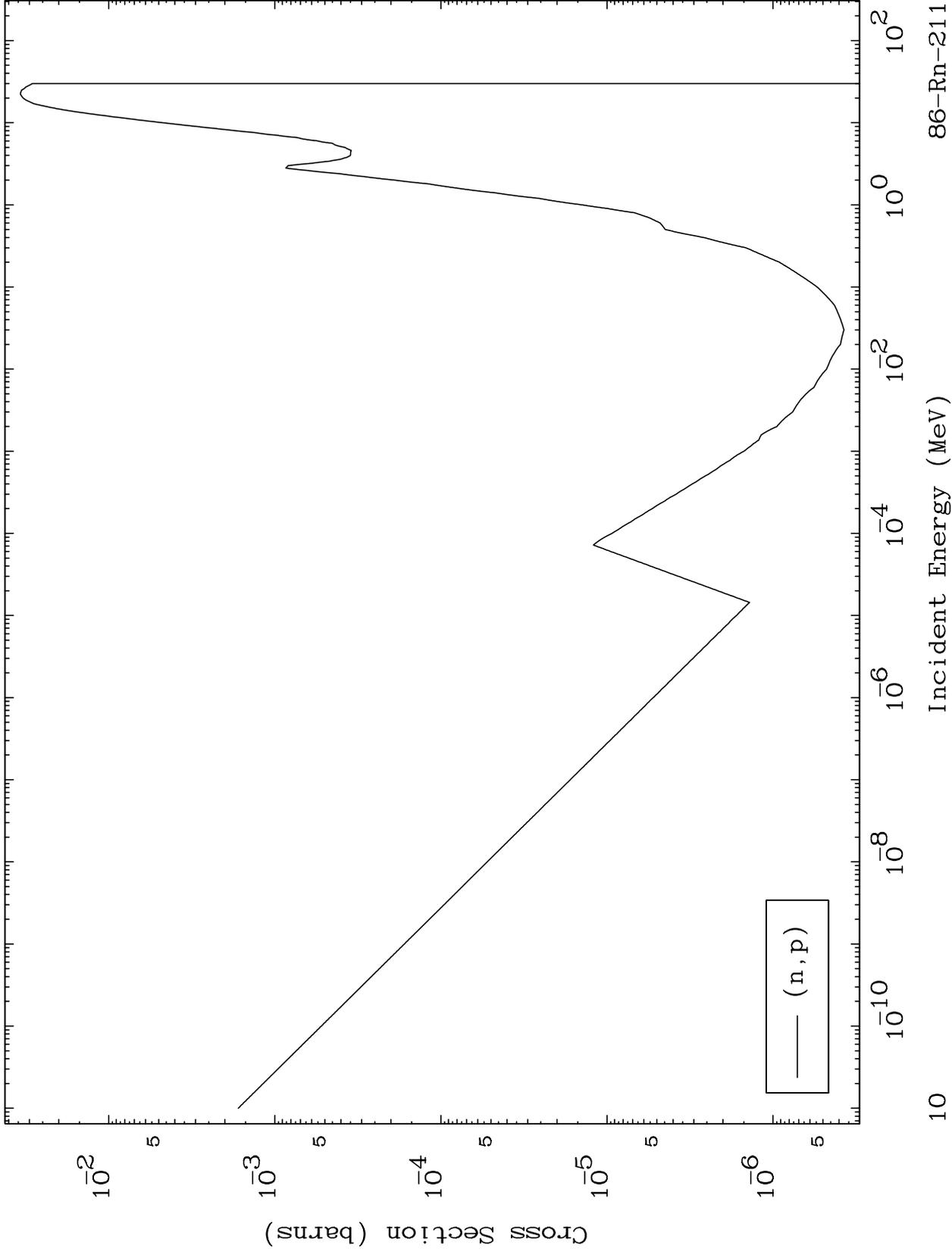
293 Kelvin Cross Sections



MAT 8625

(n,p) Levels
293 Kelvin Cross Sections

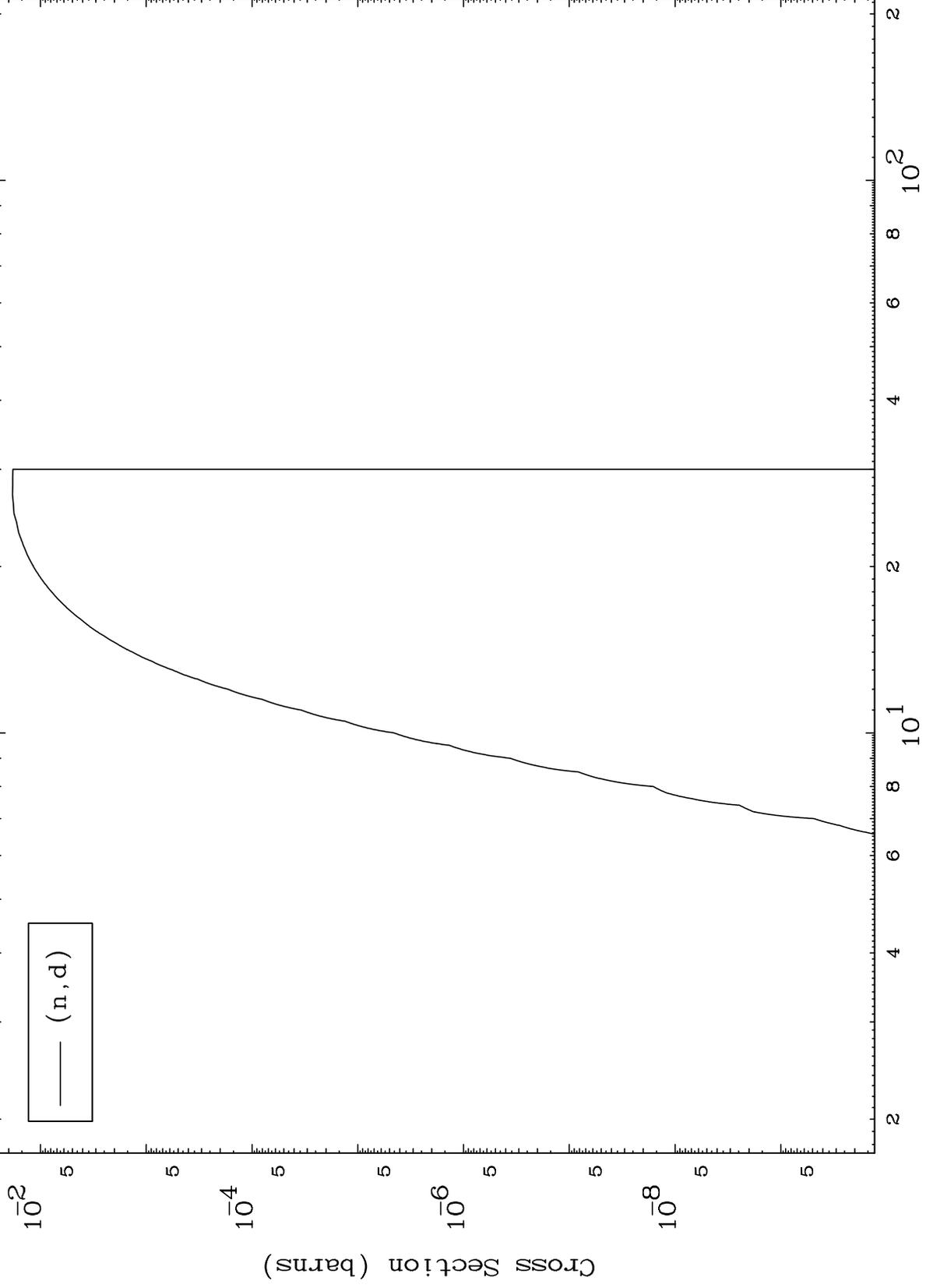
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MAT 8625

(n,d) Levels
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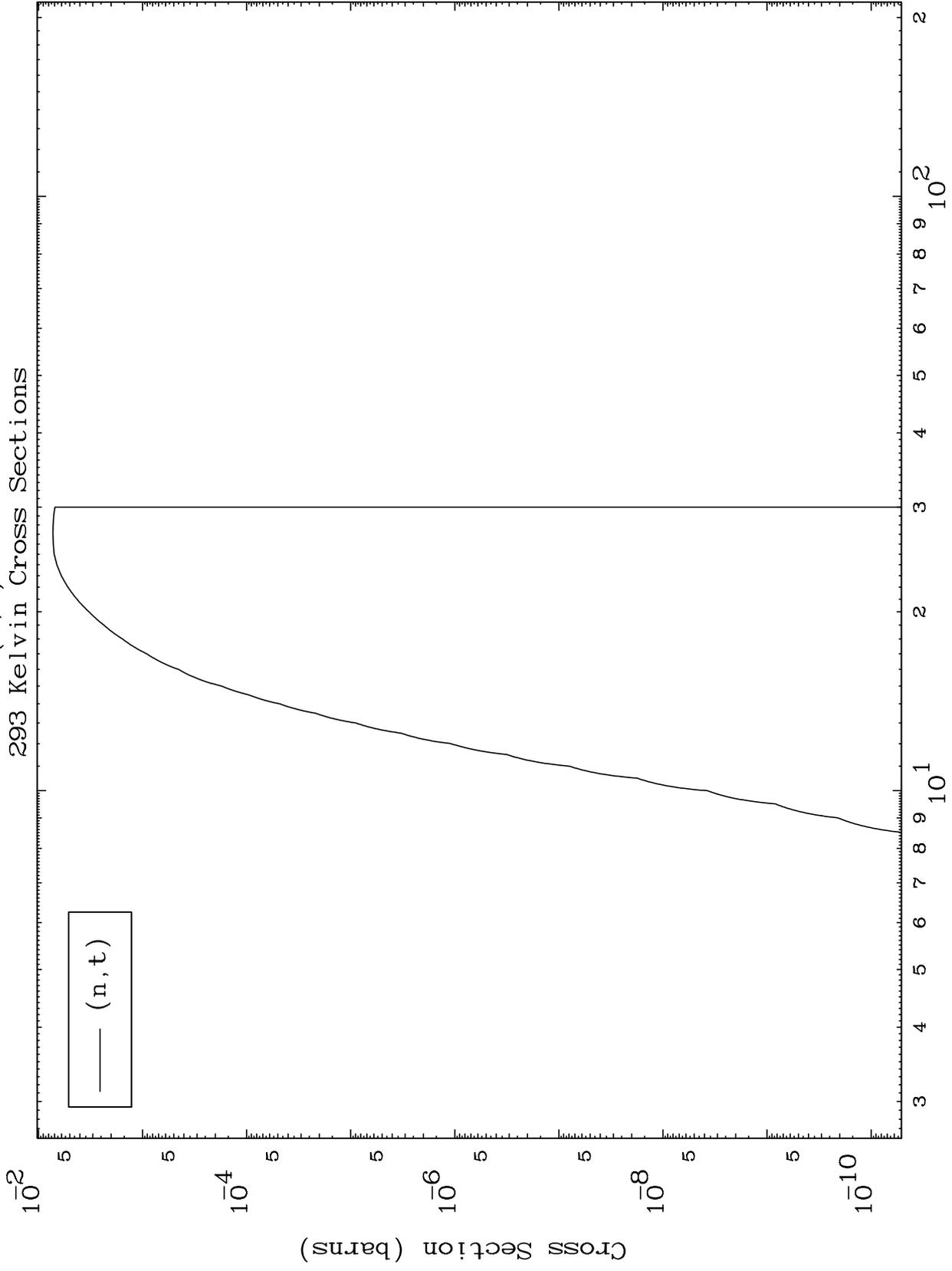
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MAT 8625

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-211



12

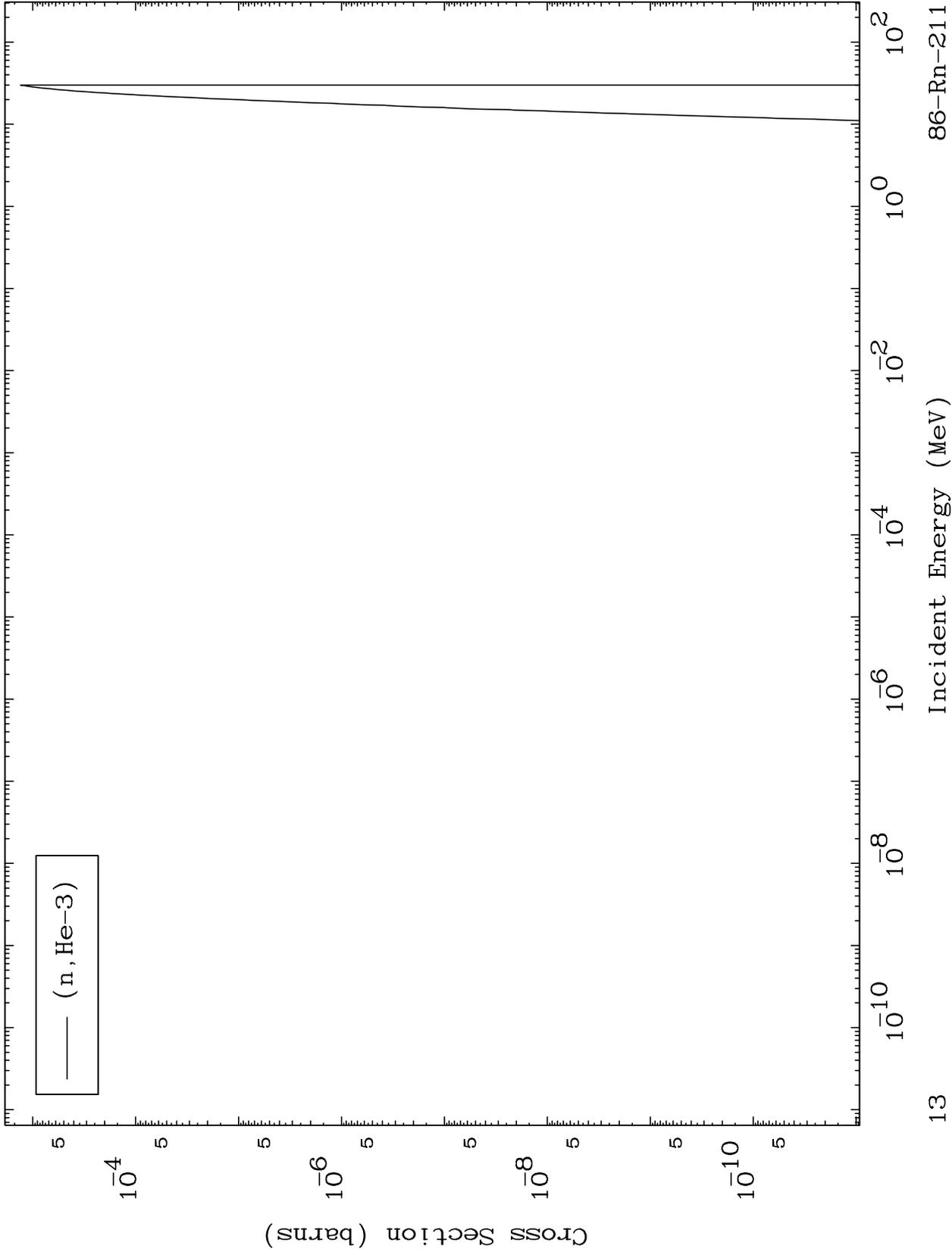
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86-Rn-211

MAT 8625

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-211



13

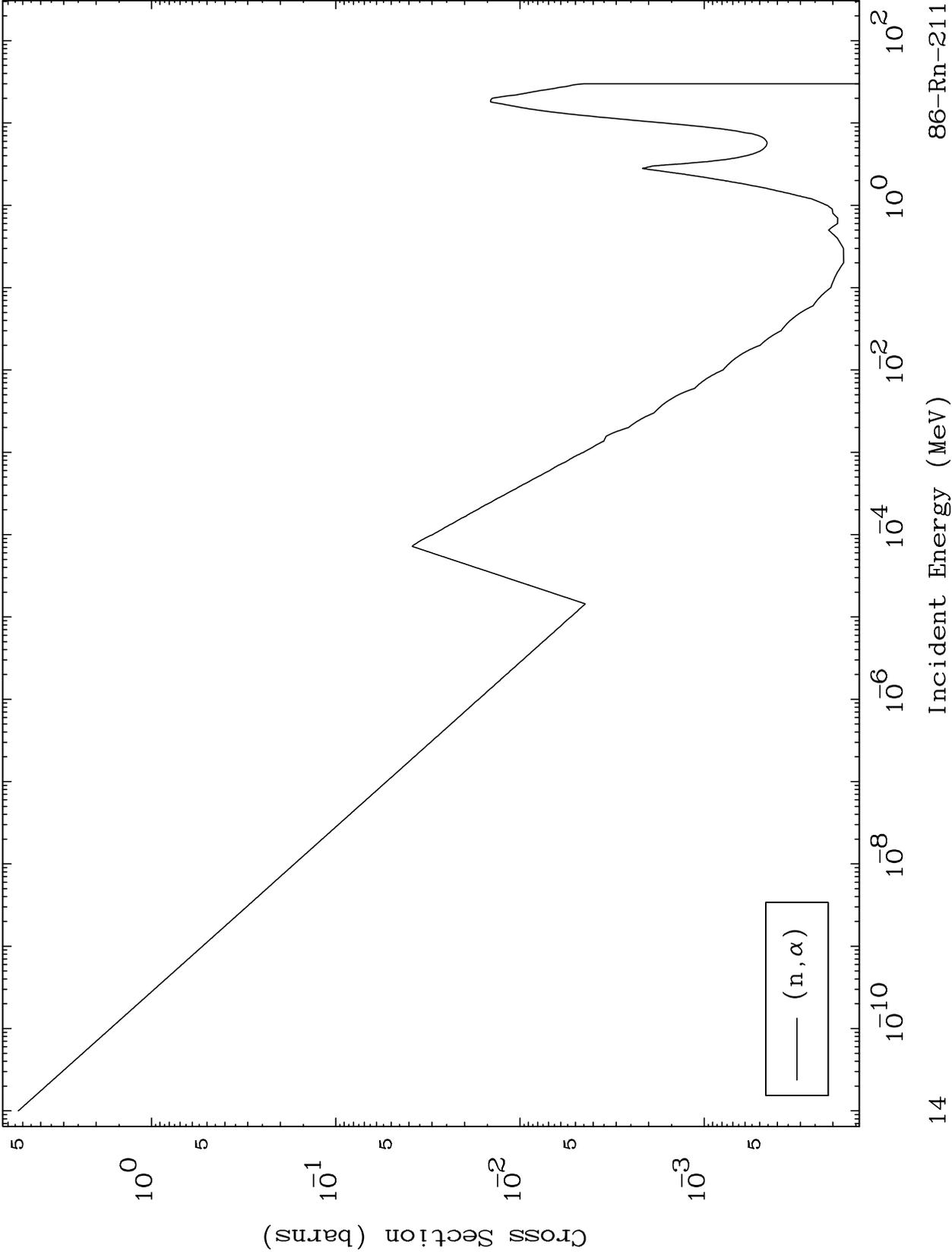
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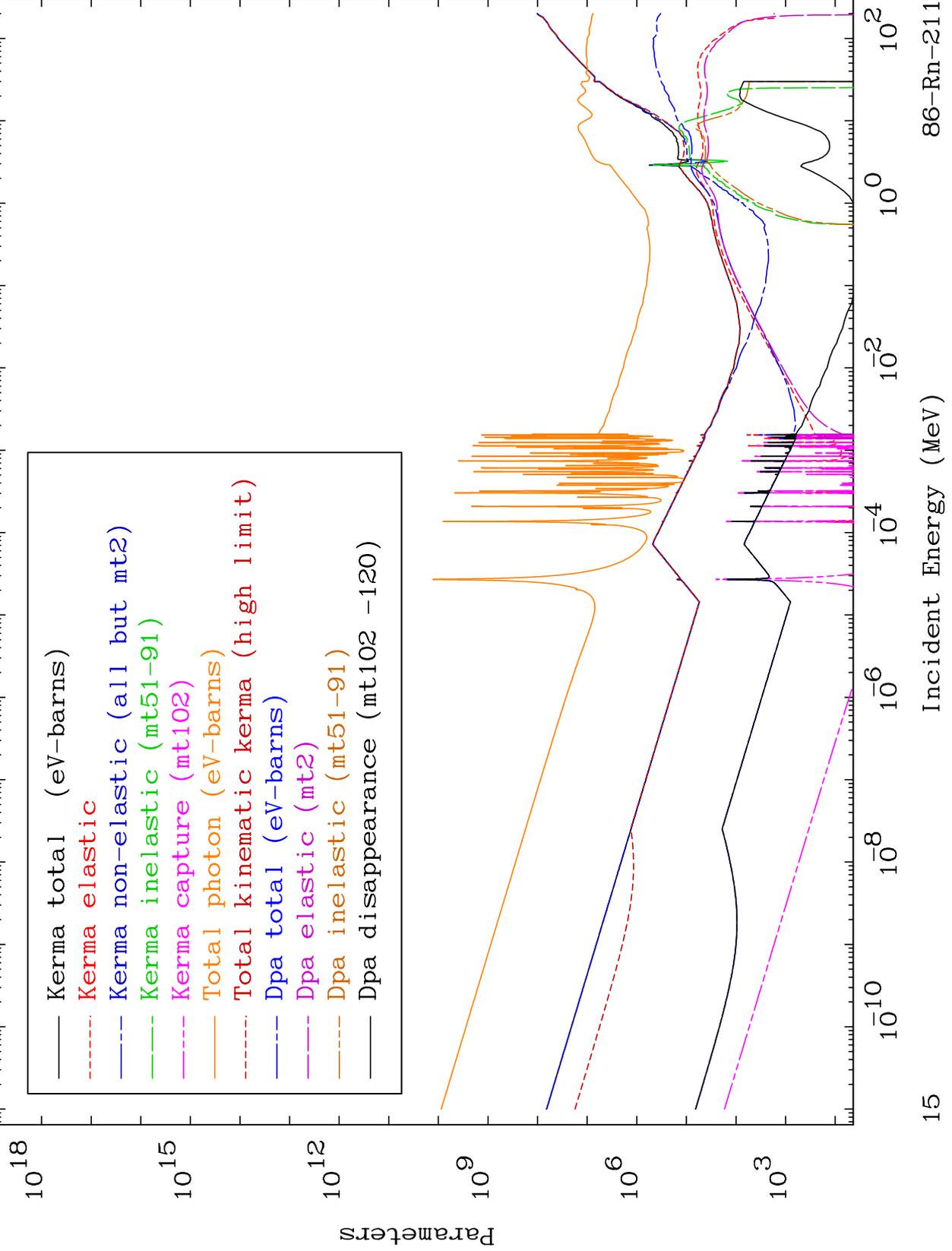
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MAT 8625

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-211

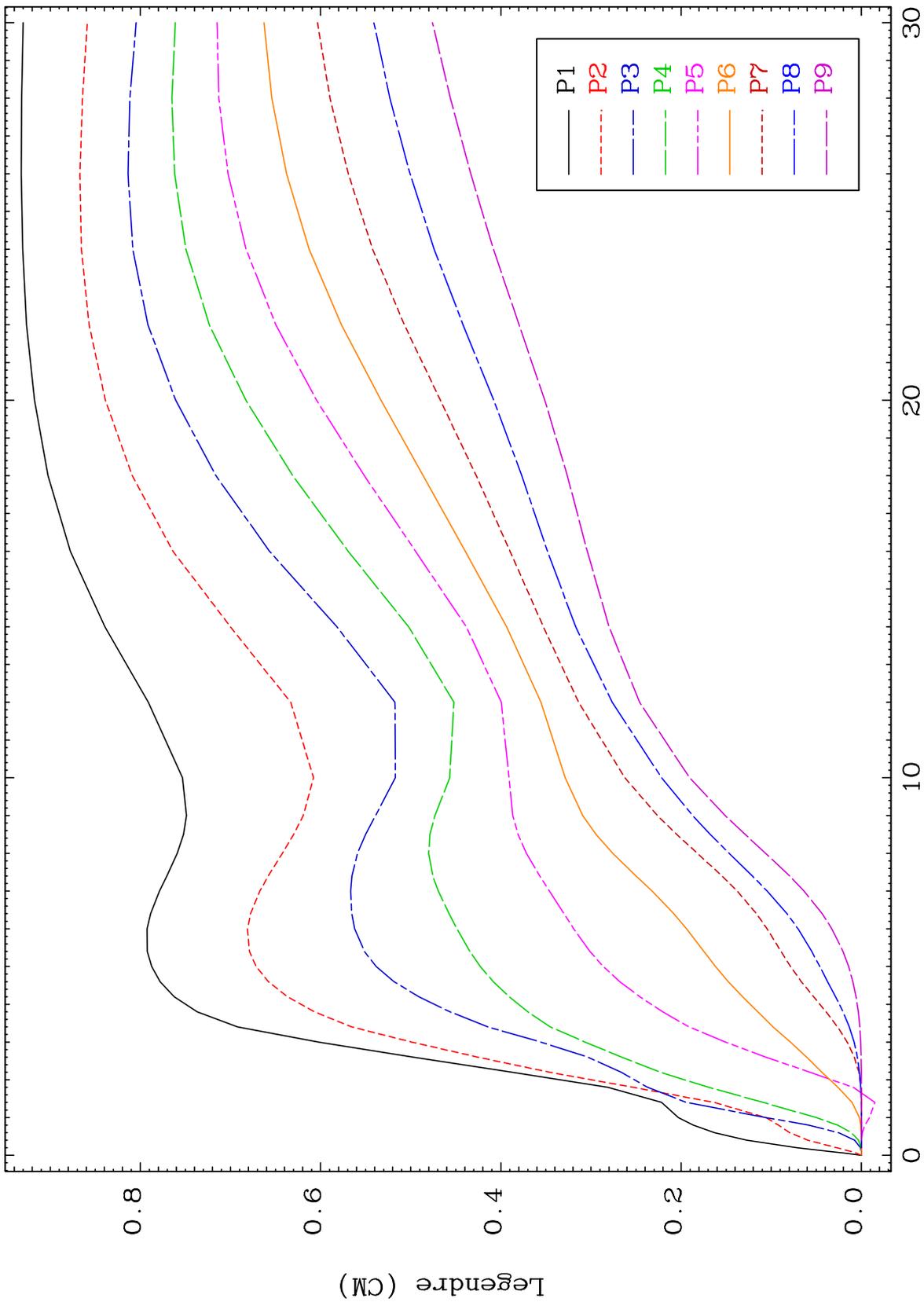




MAT 8625

86-Rn-211

Elastic Legendre Coefficients



86-Rn-211

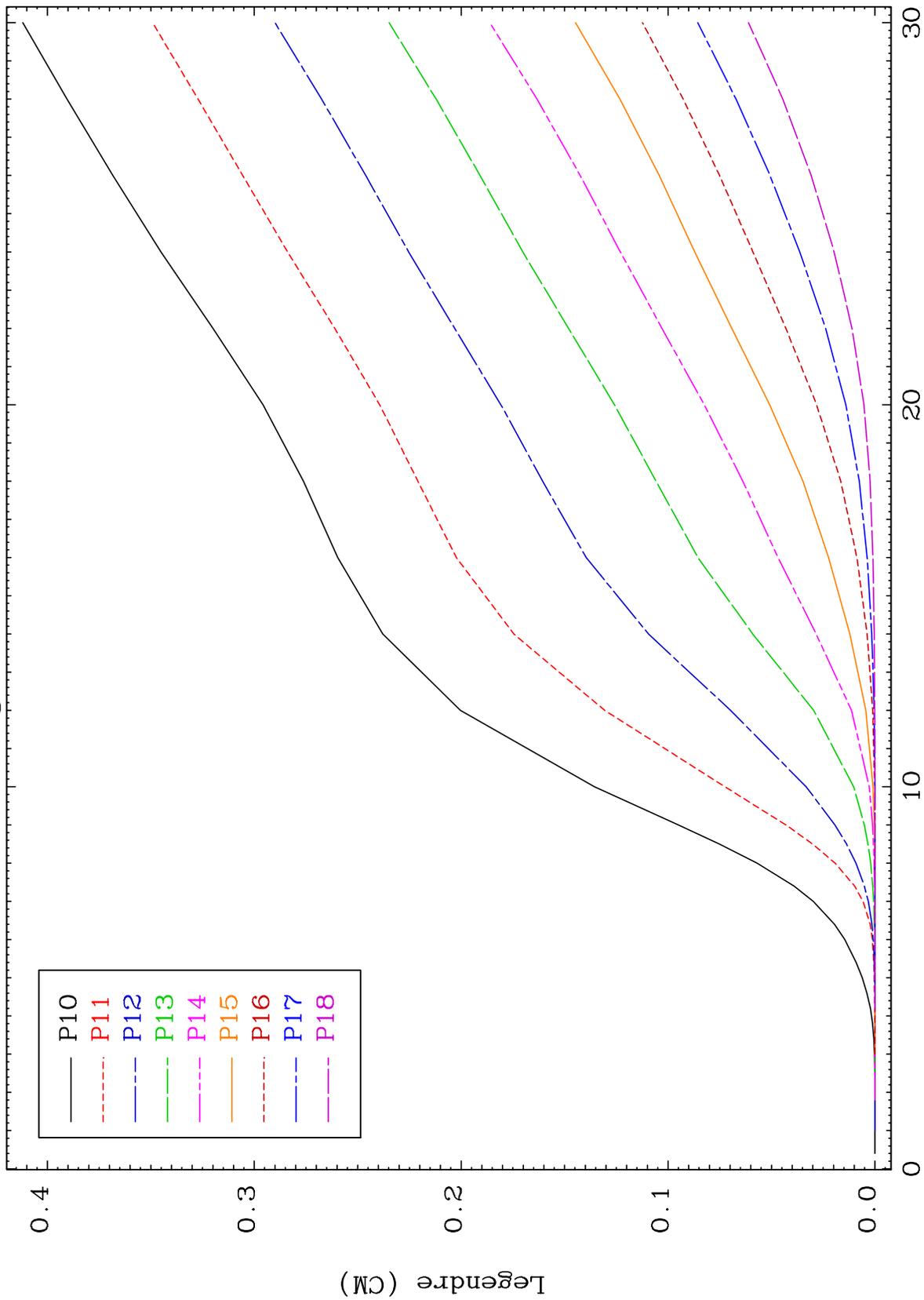
Incident Energy (MeV)

16

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



17

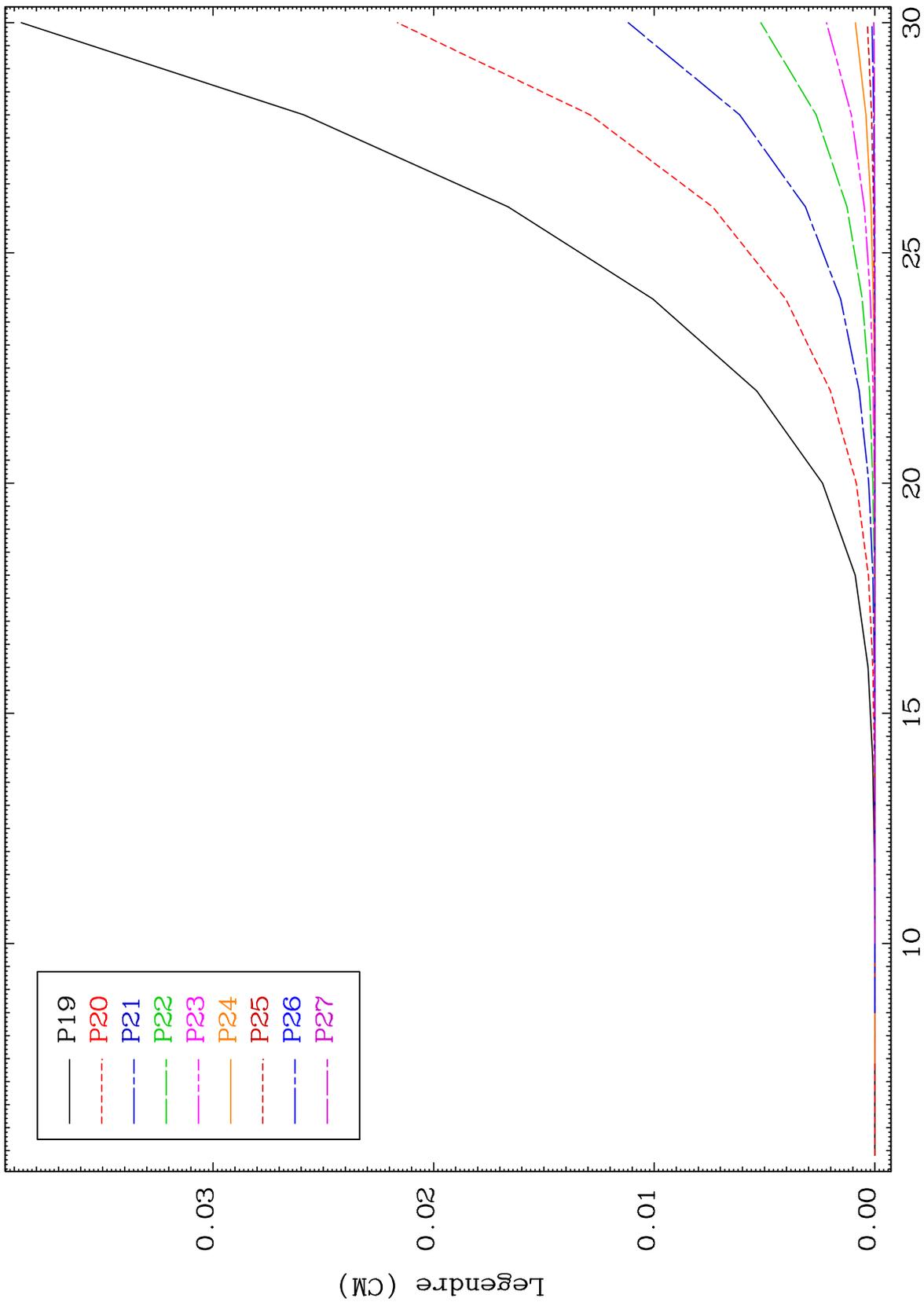
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic Legendre Coefficients

86-Rn-211



18

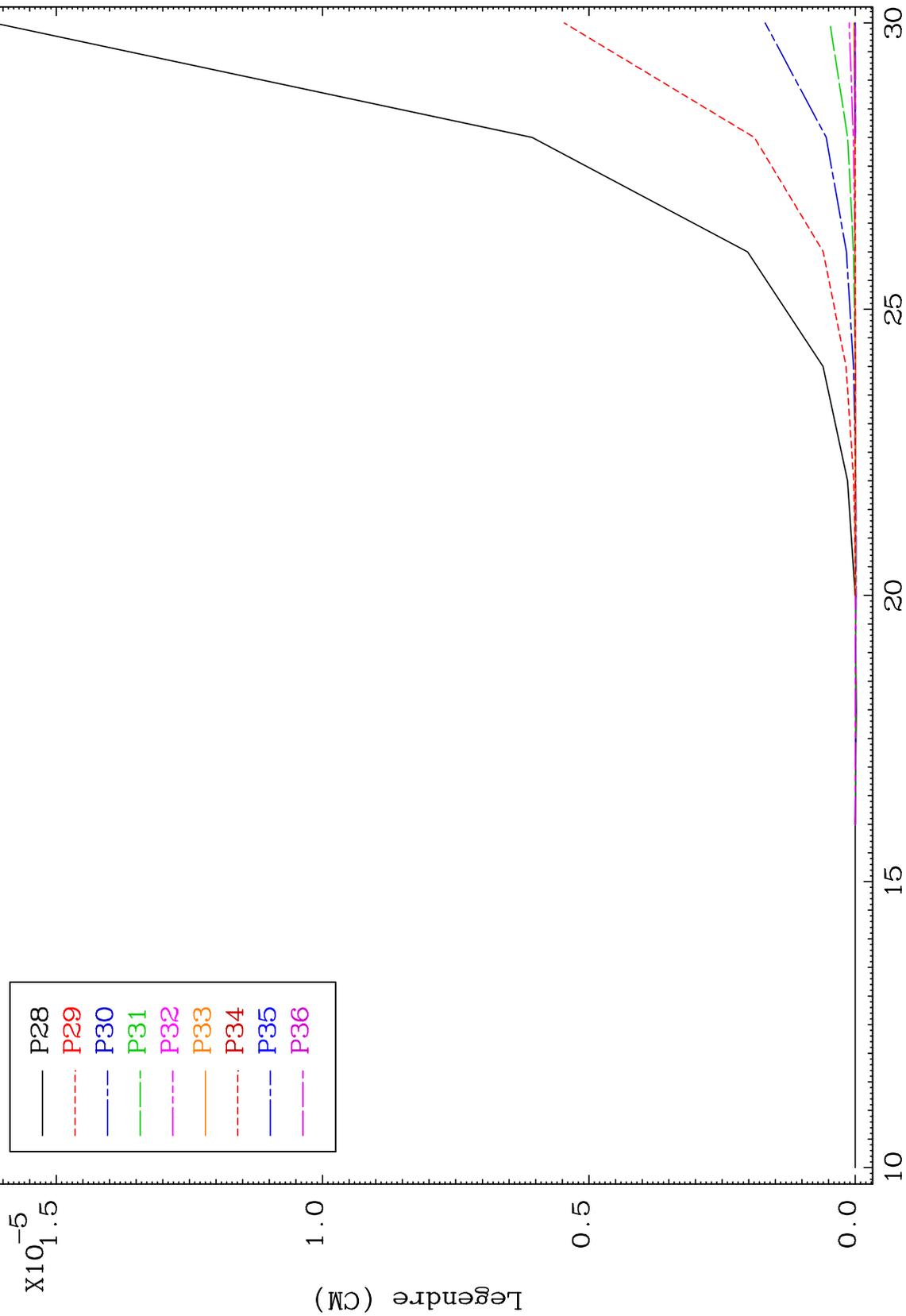
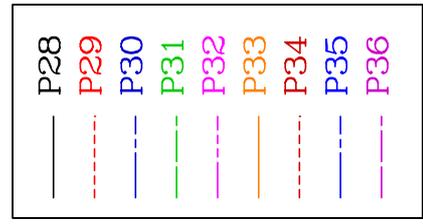
Incident Energy (MeV)

86-Rn-211

MAT 8625

Elastic
Legendre Coefficients

86-Rn-211



86-Rn-211

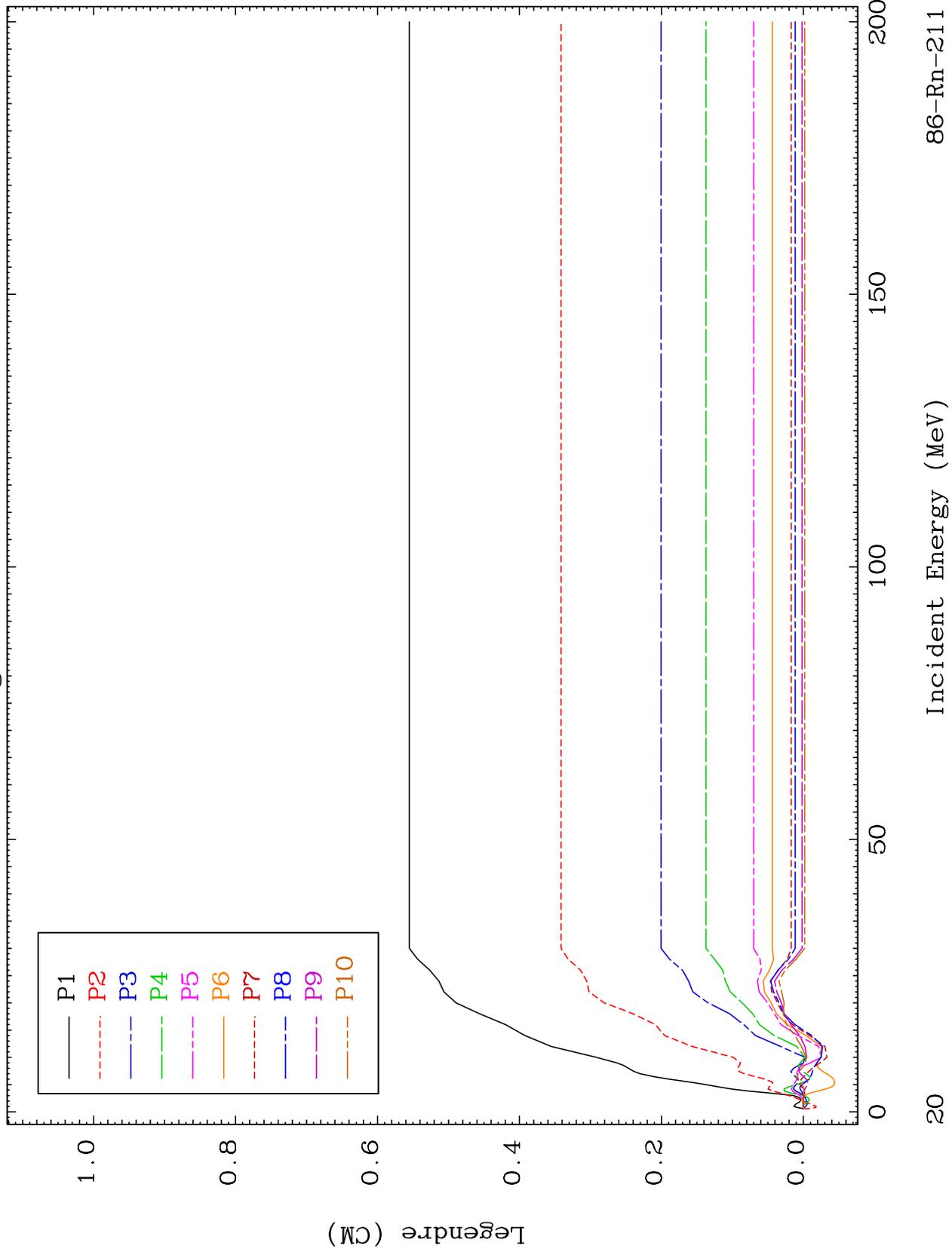
Incident Energy (MeV)

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MAT 8625

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

86-Rn-211



86-Rn-211

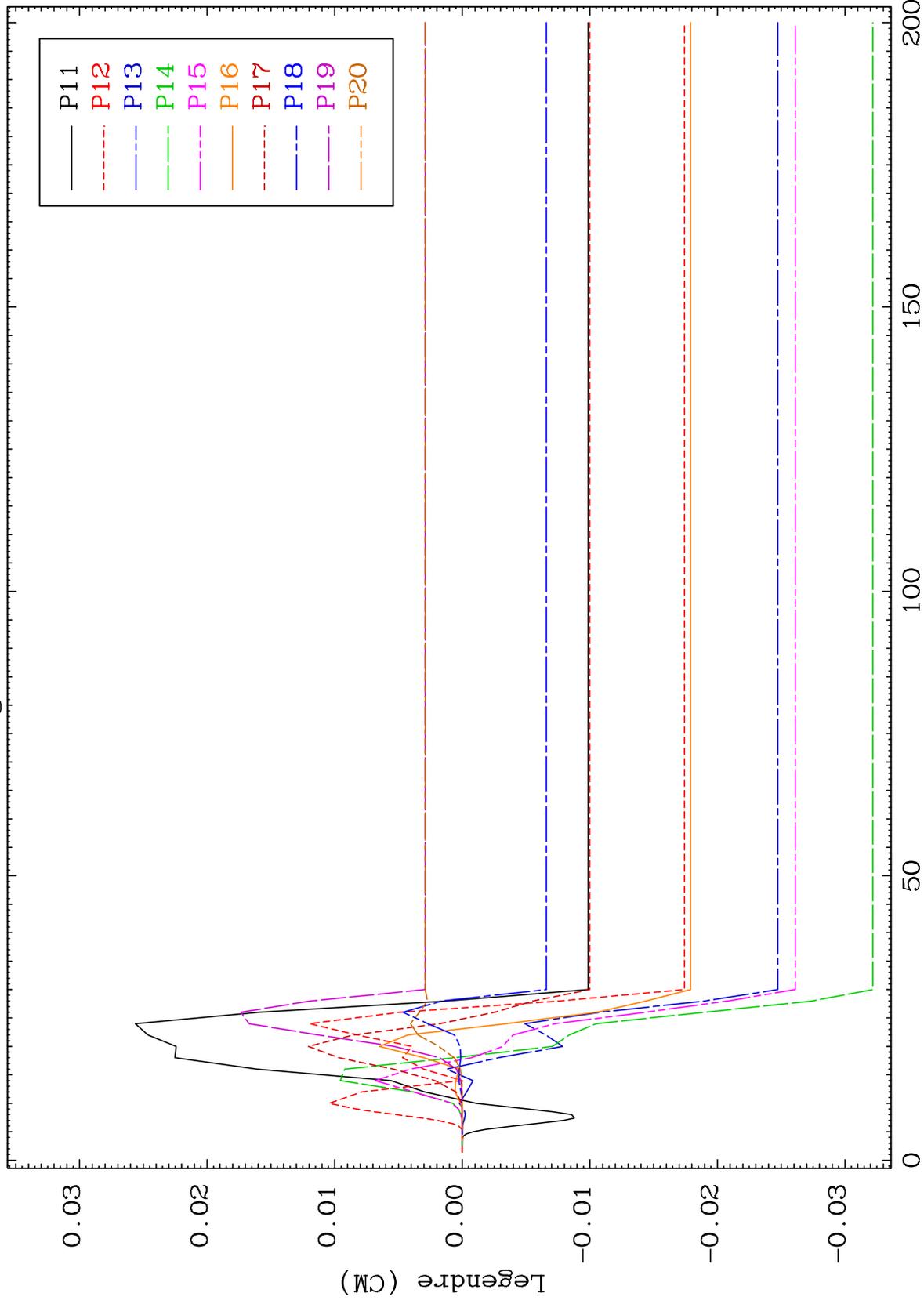
Incident Energy (MeV)

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MAT 8625

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

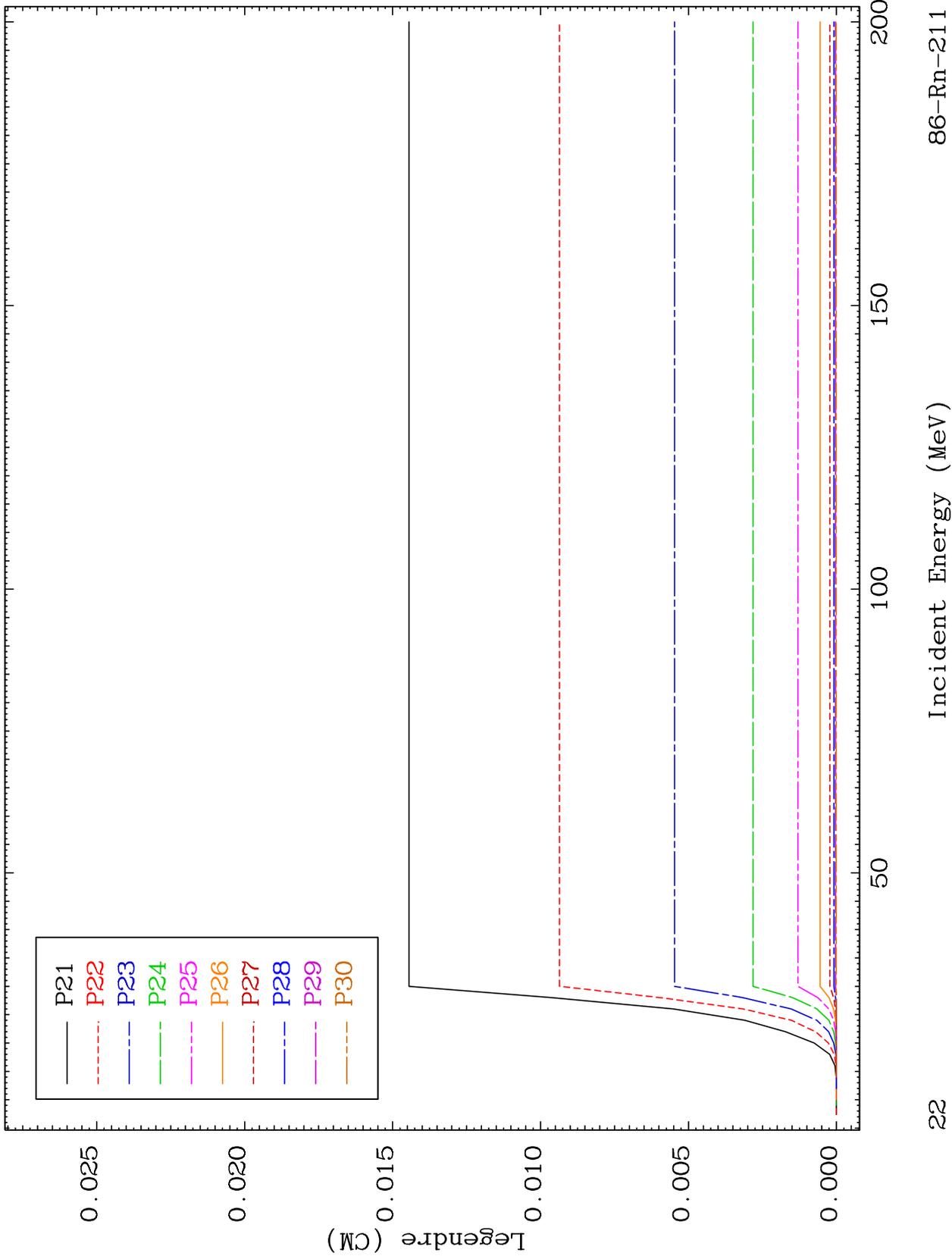
86-Rn-211



21

Incident Energy (MeV)

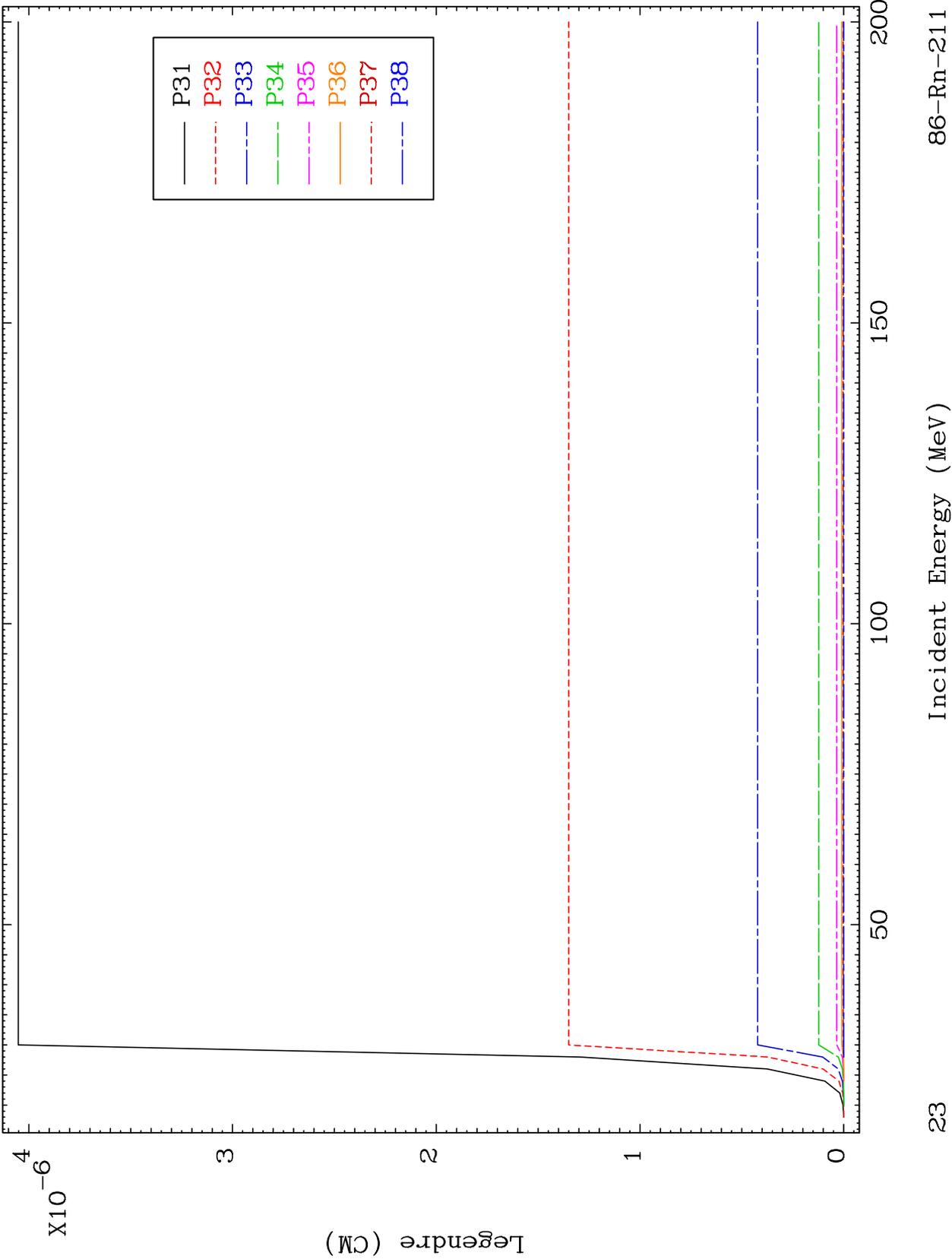
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MAT 8625

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

86-Rn-211



23

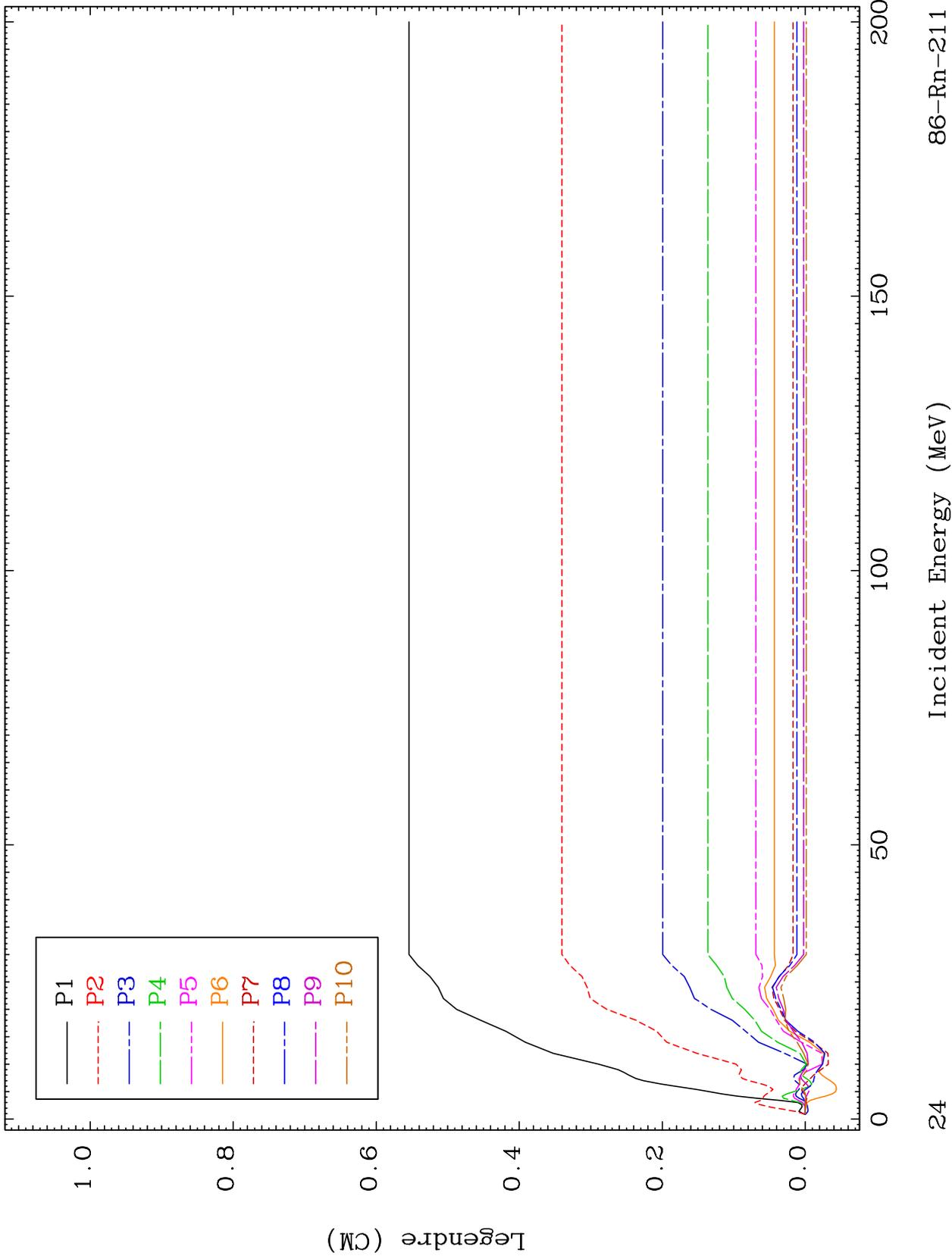
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



24

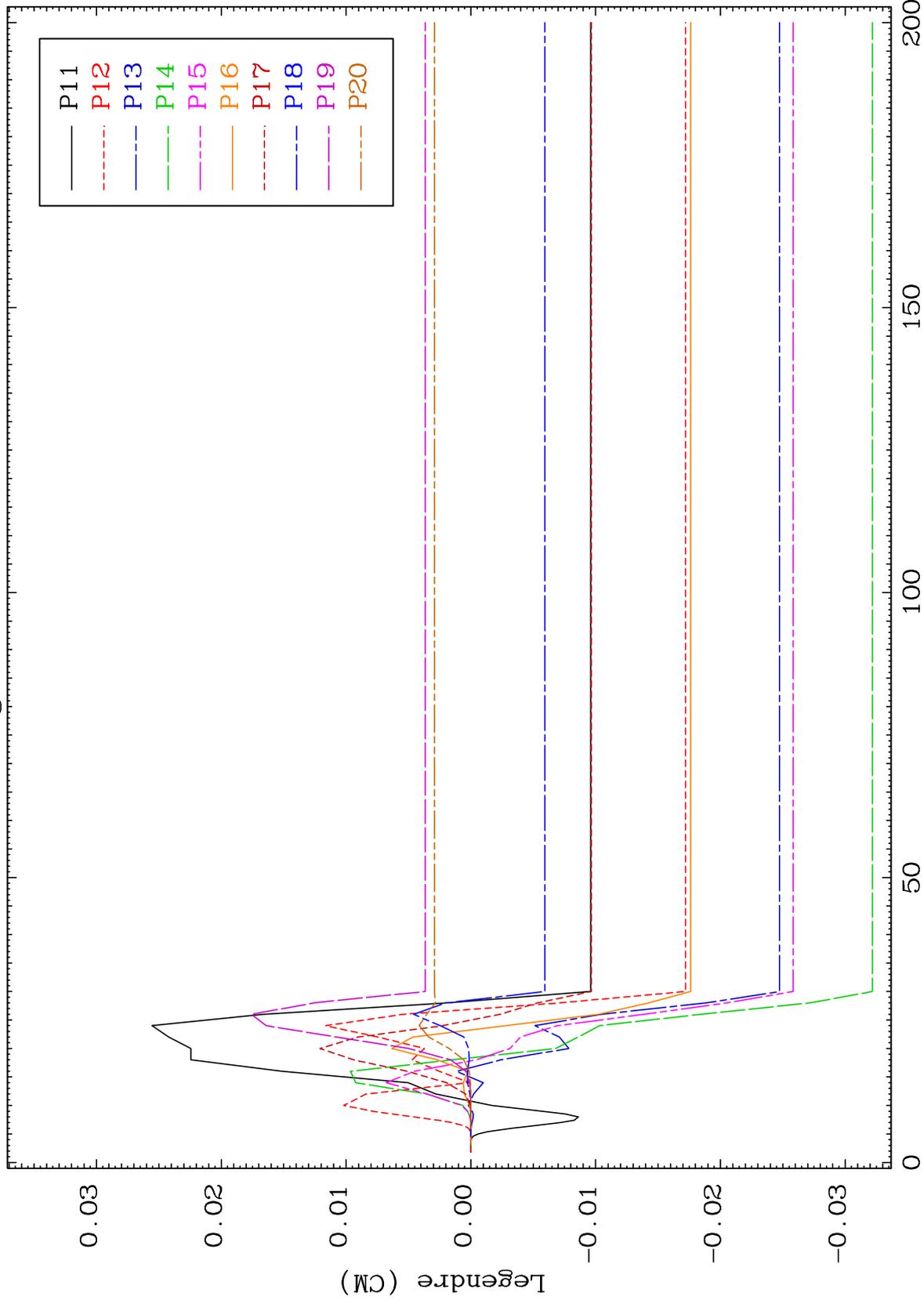
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



25

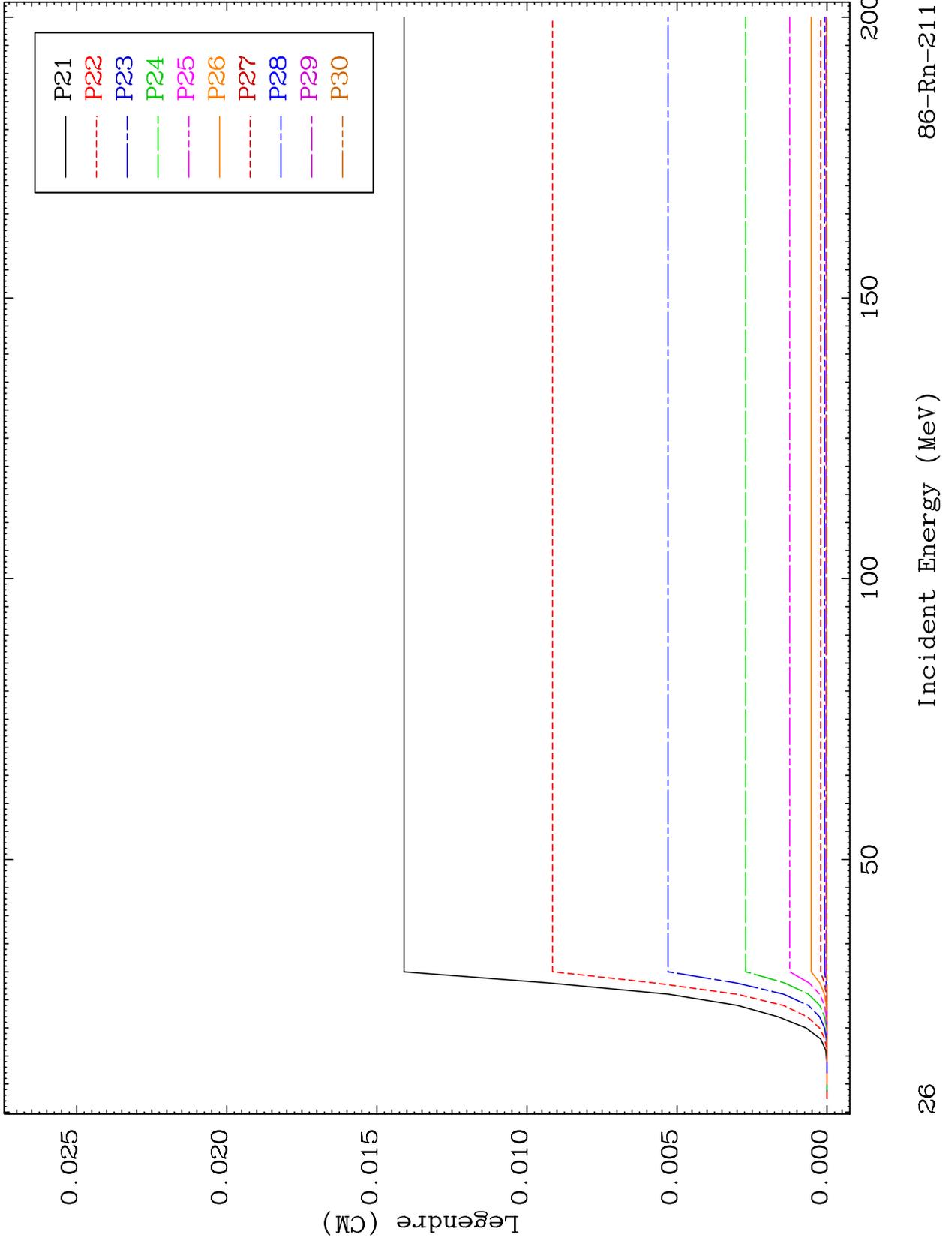
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



26

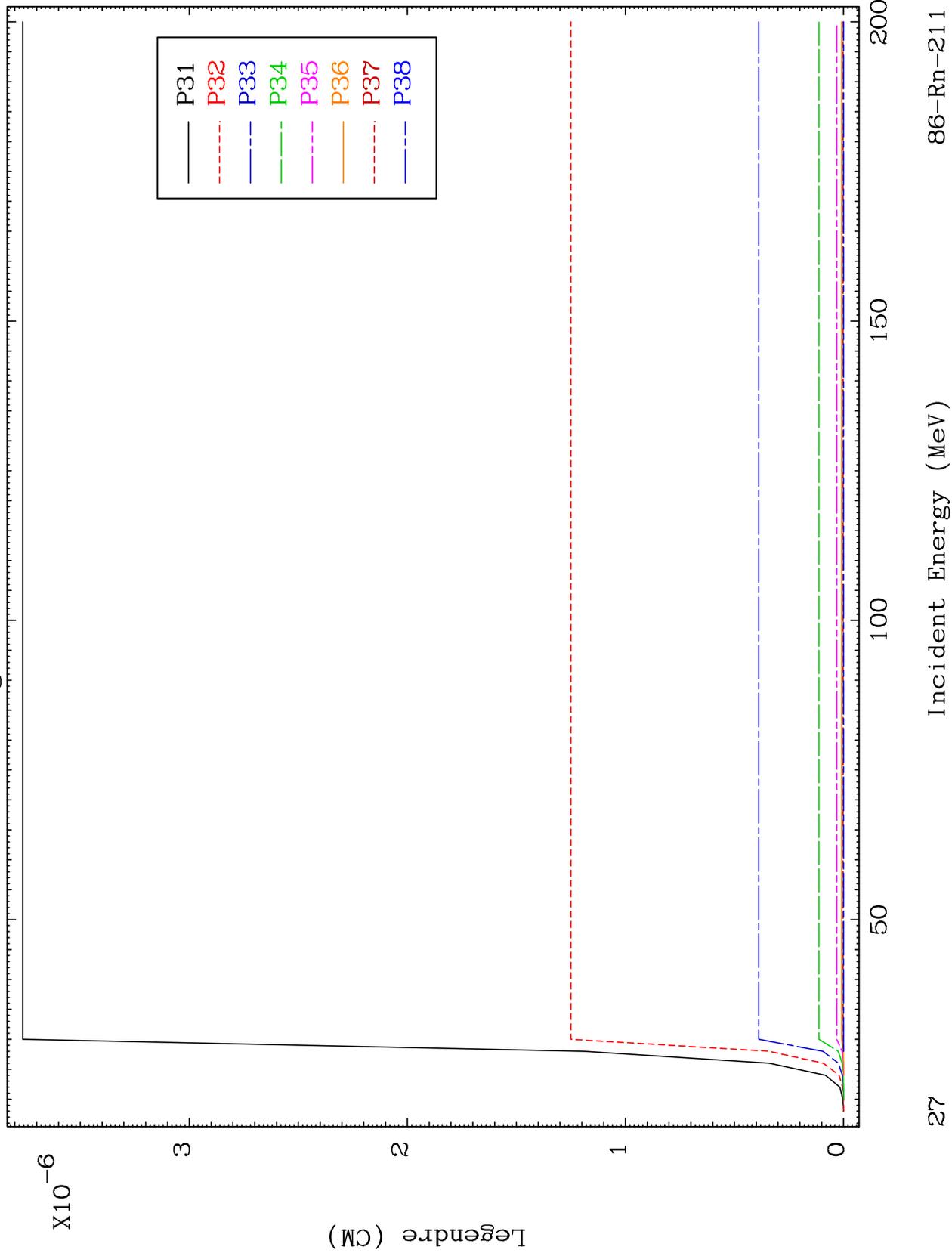
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

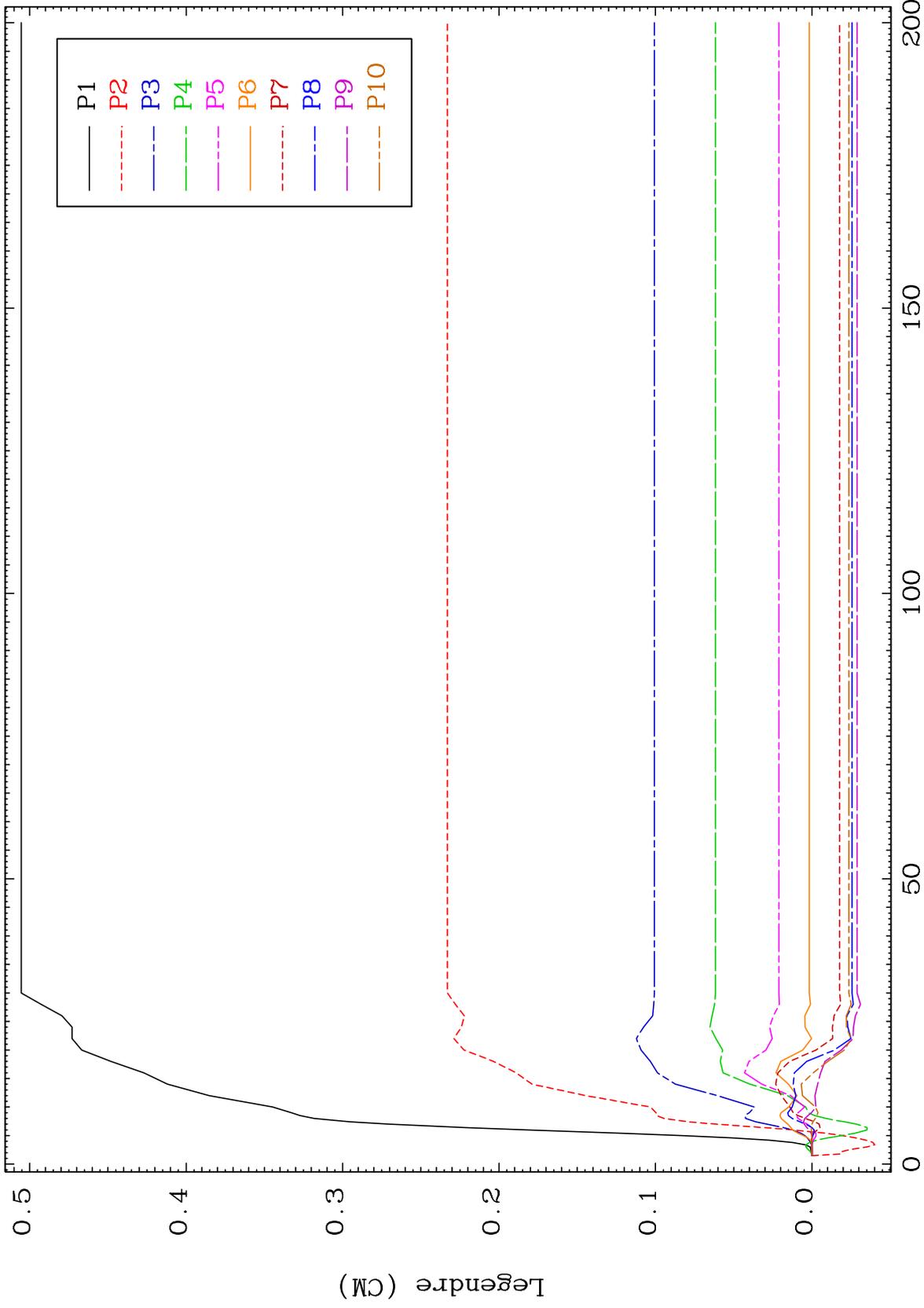
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MAT 8625

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

86-Rn-211



28

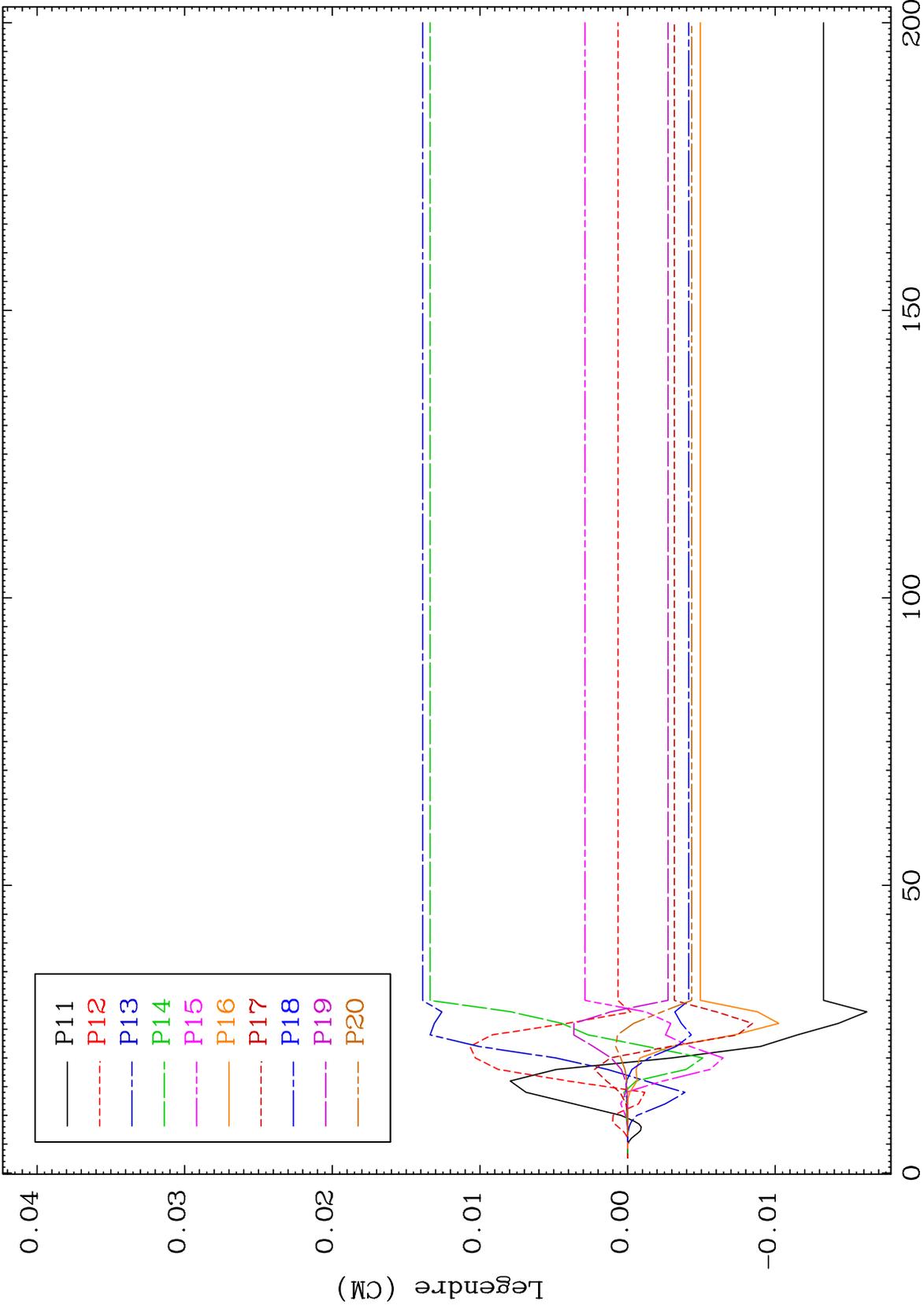
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



29

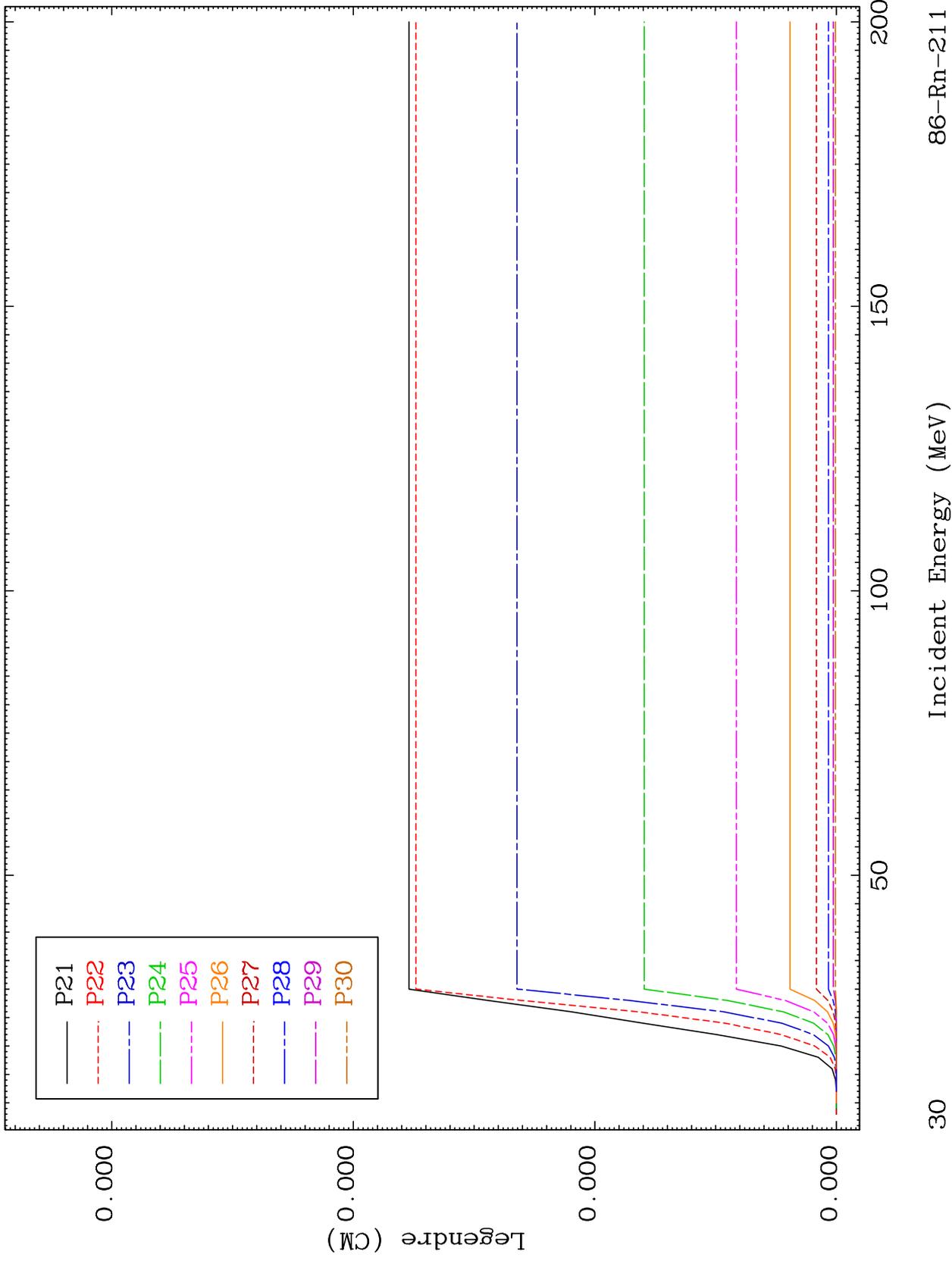
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

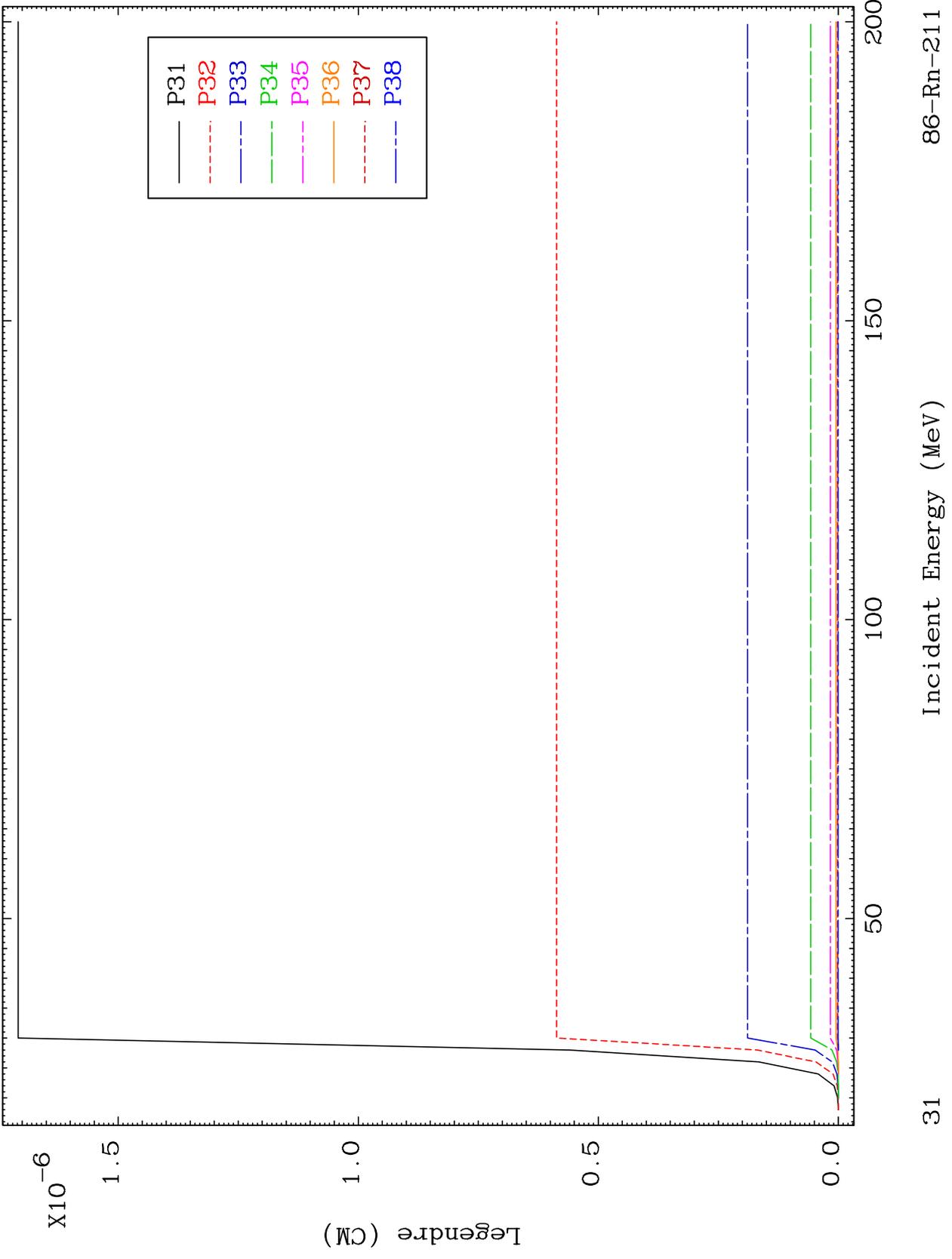
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MAT 8625

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

86-Rn-211

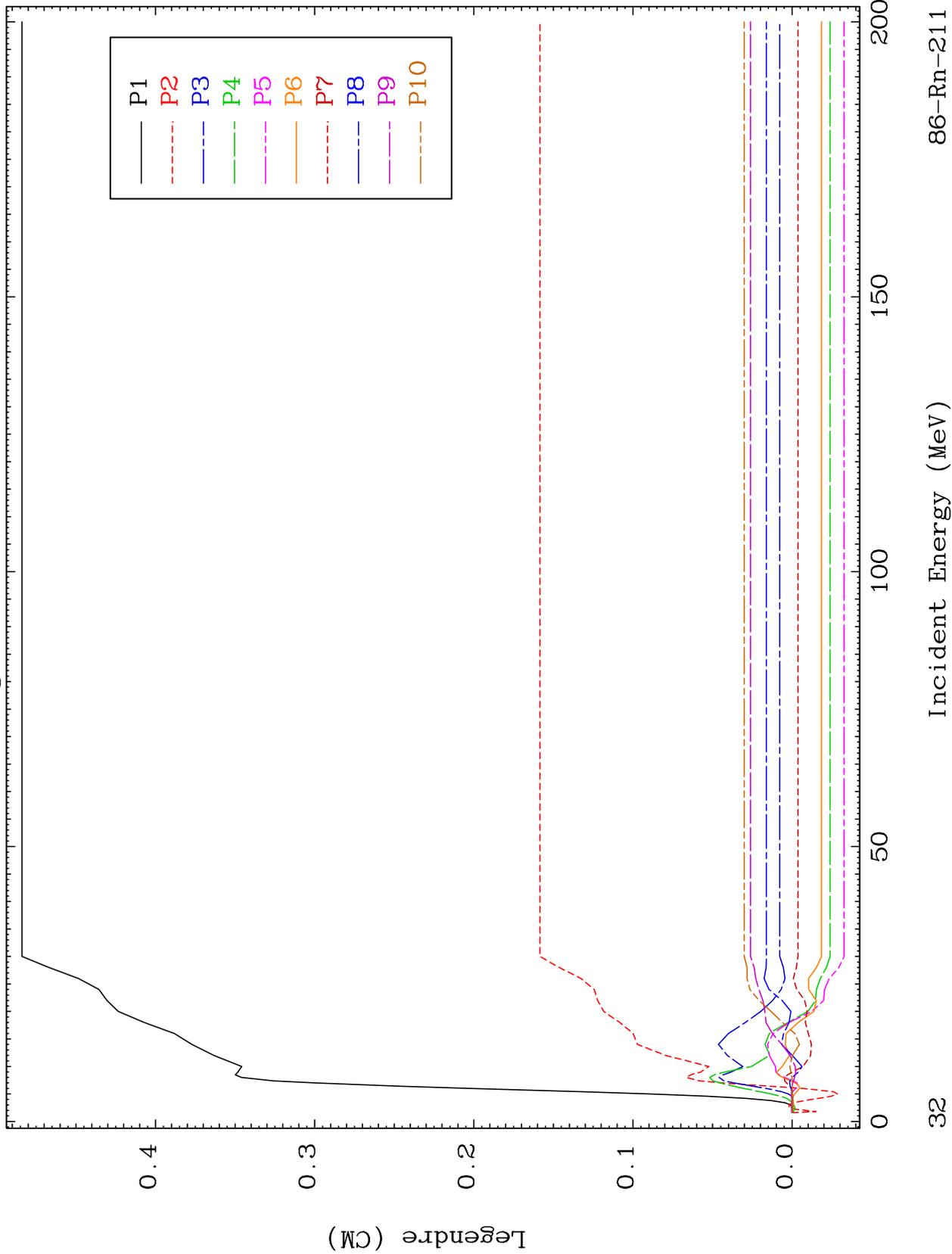


31

MAT 8625

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

86-Rn-211



86-Rn-211

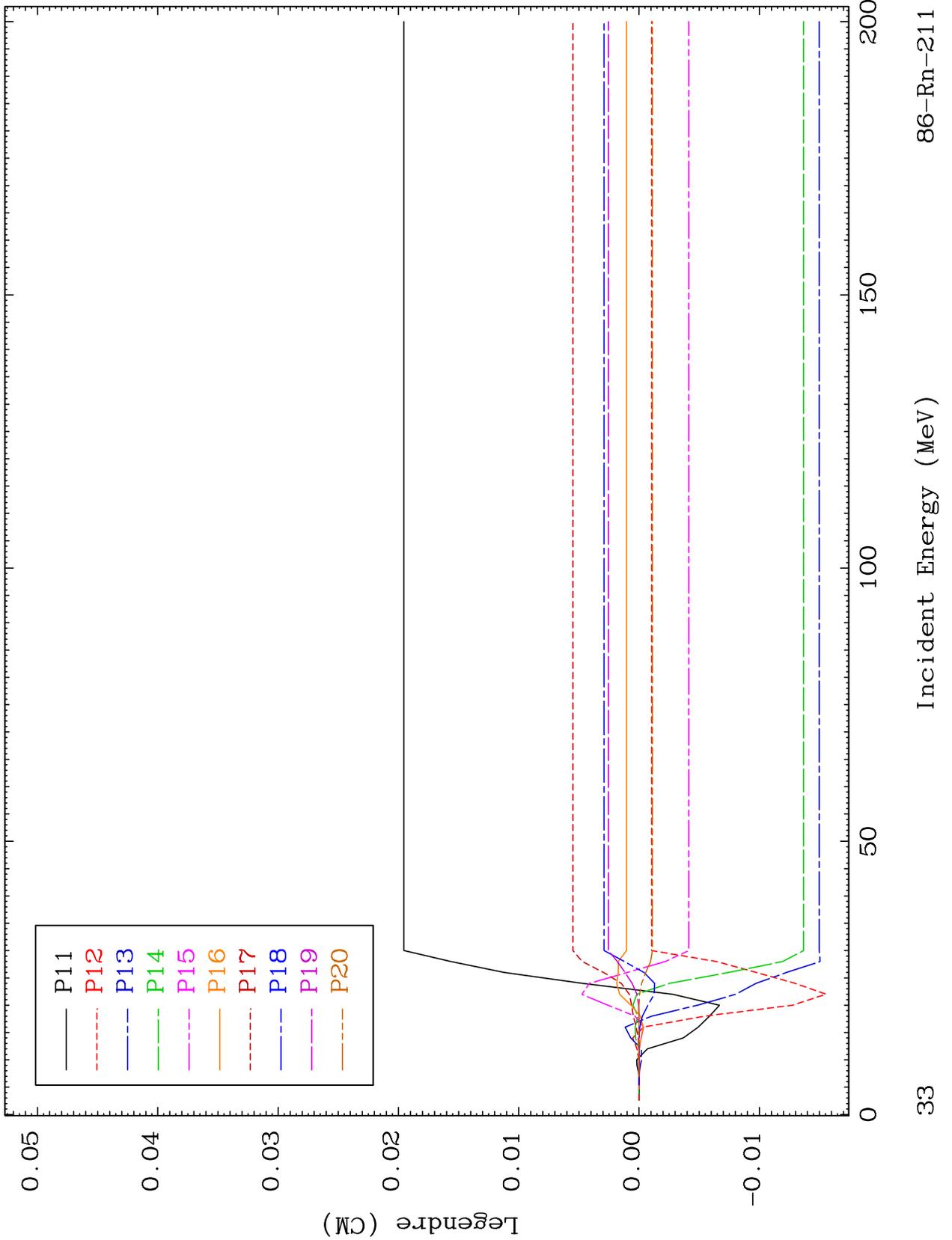
Incident Energy (MeV)

32

MAT 8625

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

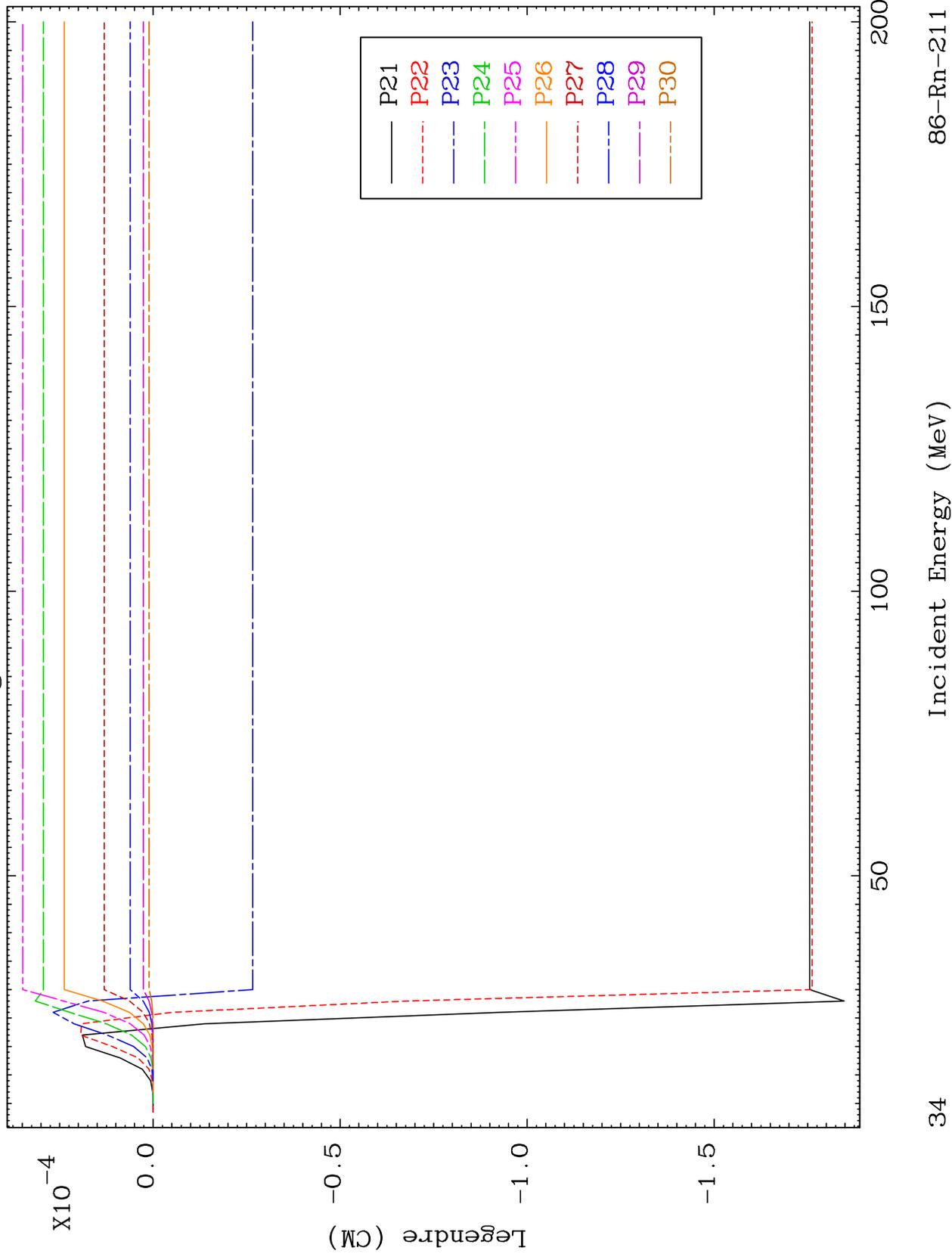
86-Rn-211



MAT 8625

86-Rn-211

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



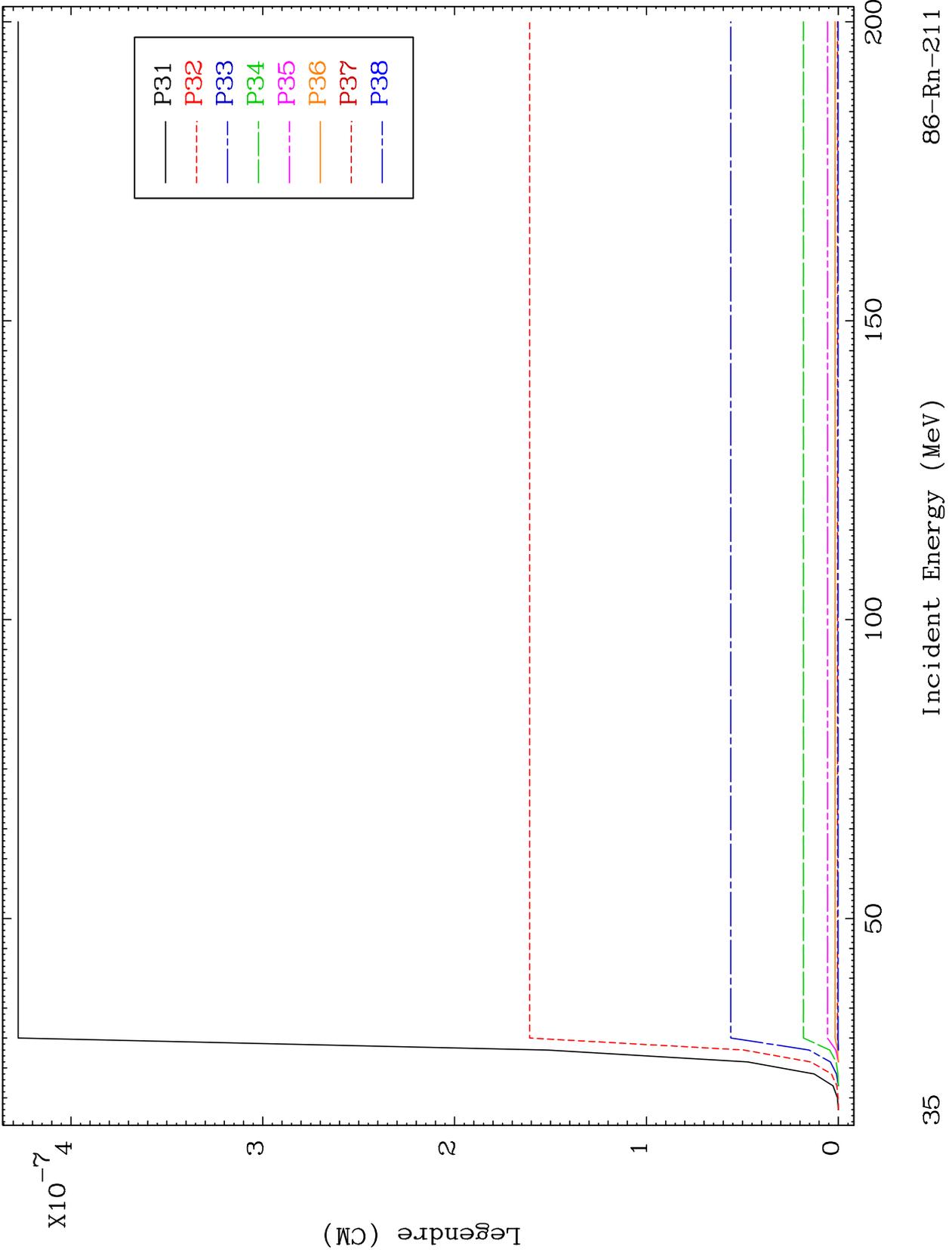
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86-Rn-211

MAT 8625

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

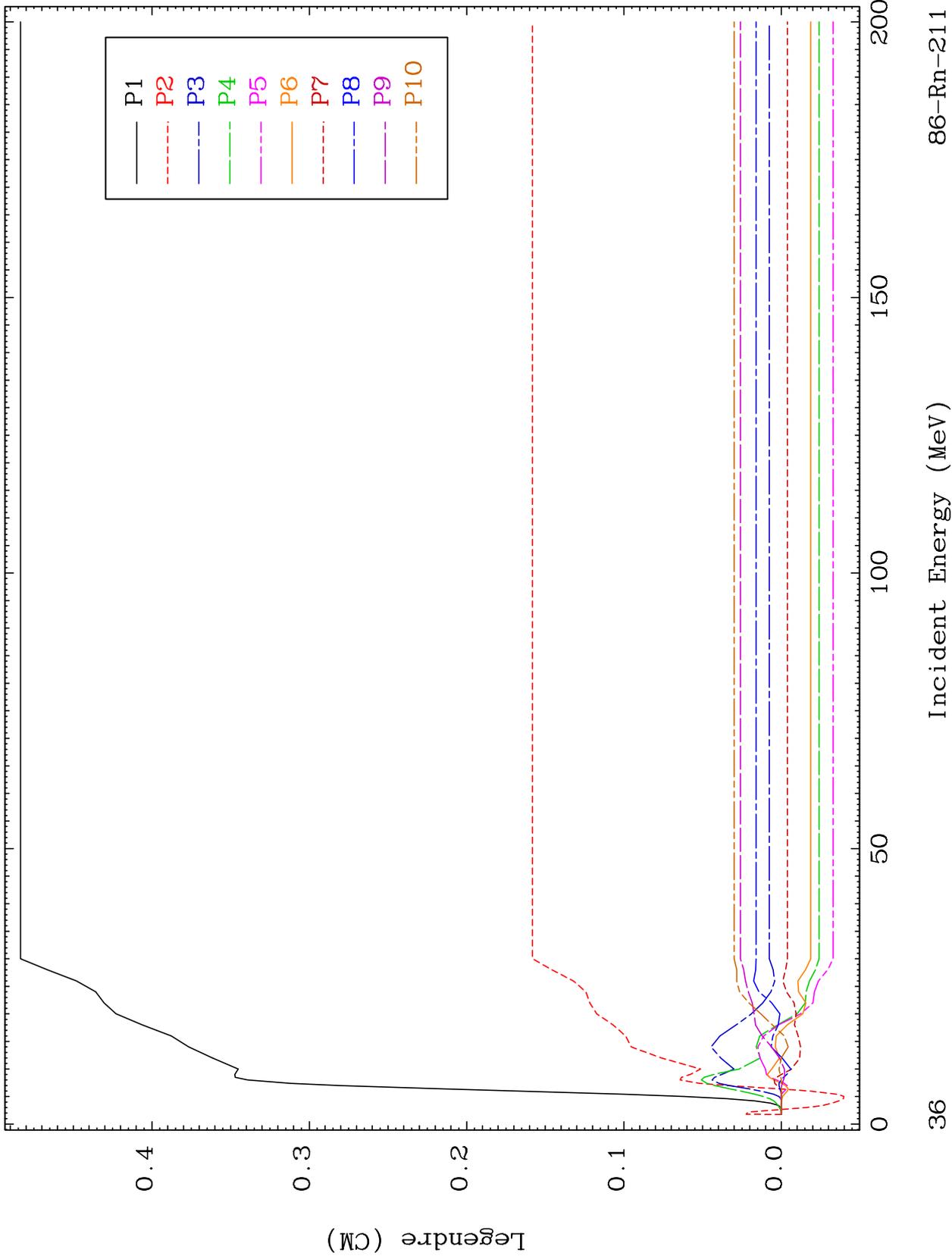
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MAT 8625

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

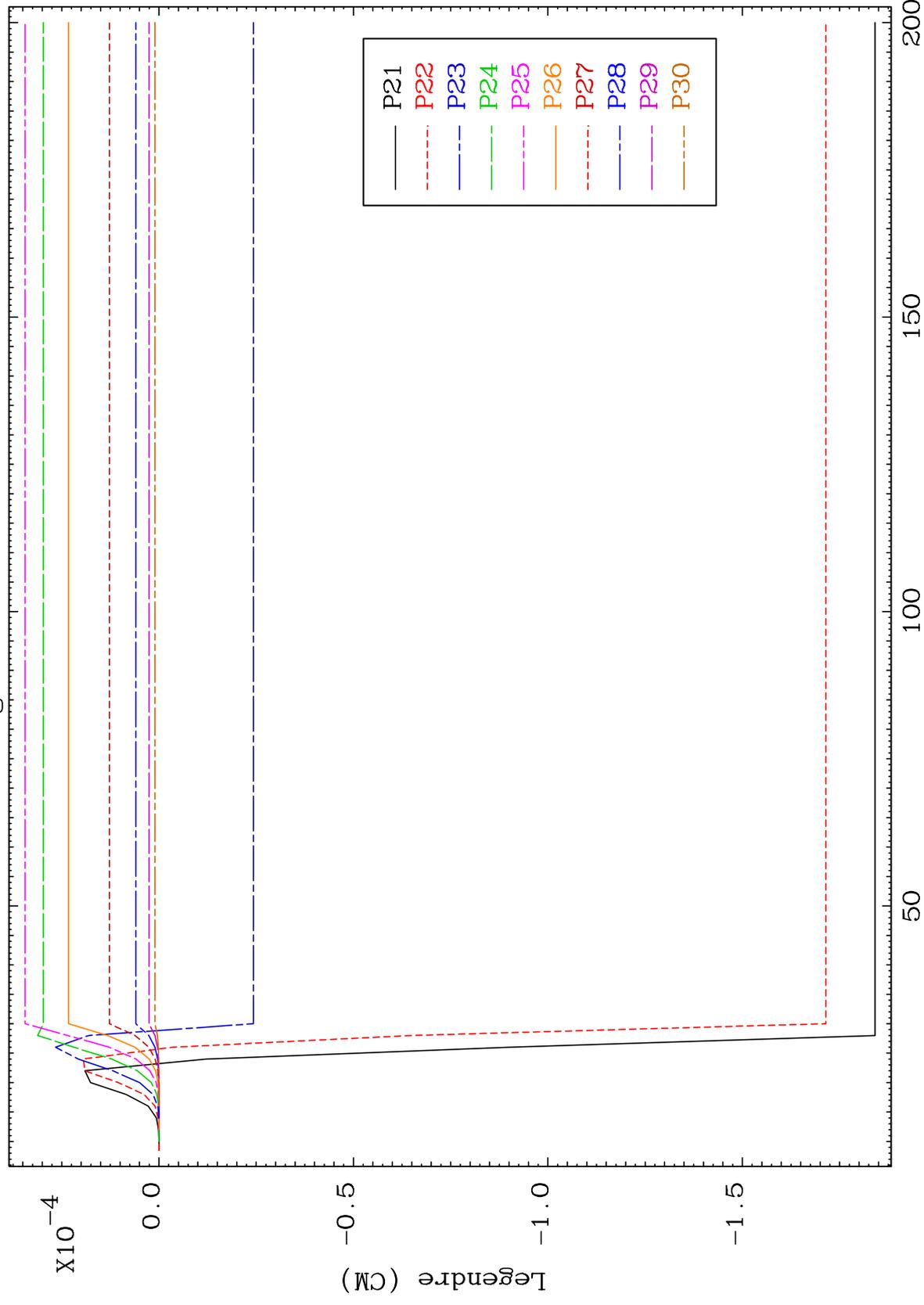
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36

Incident Energy (MeV)

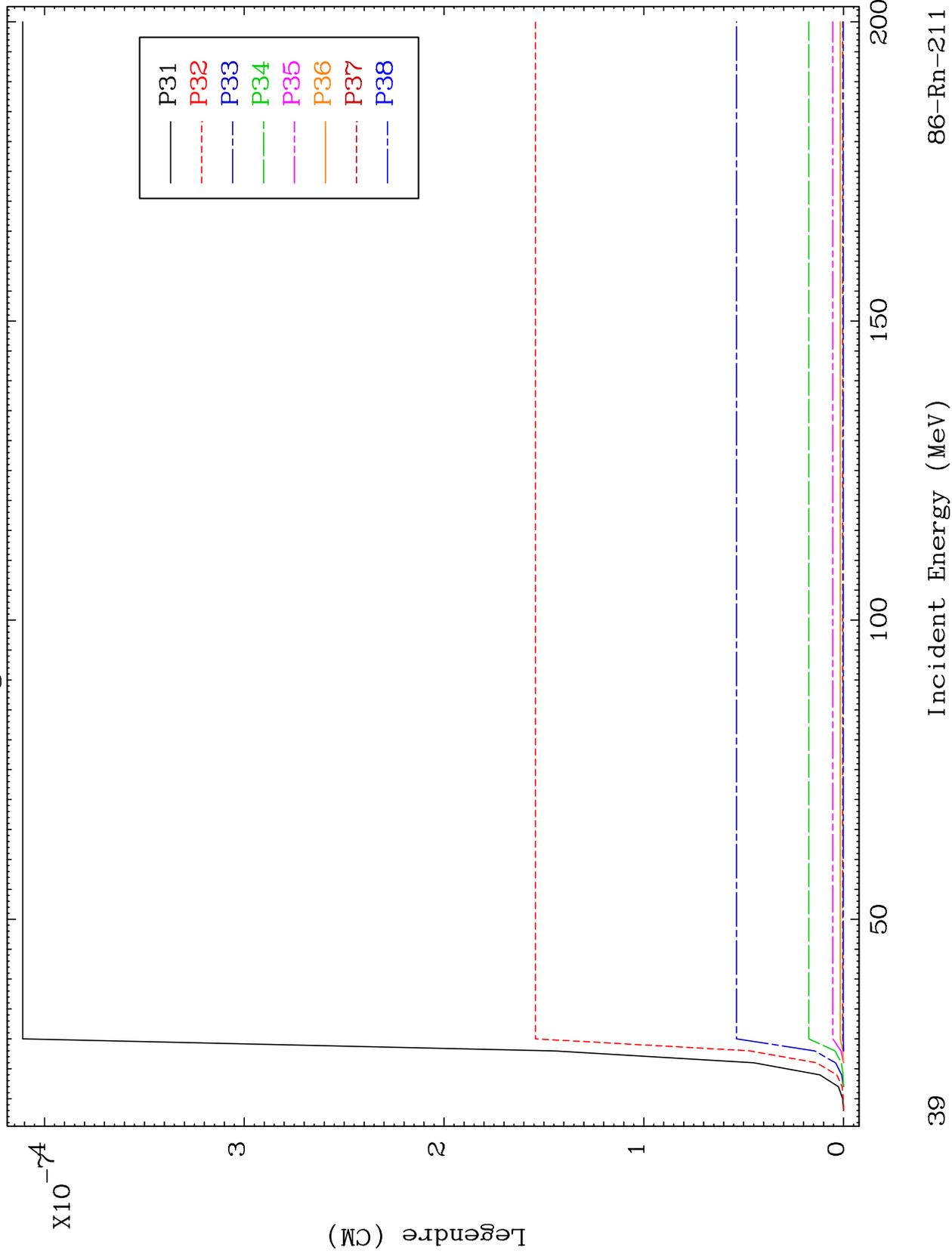
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MAT 8625

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

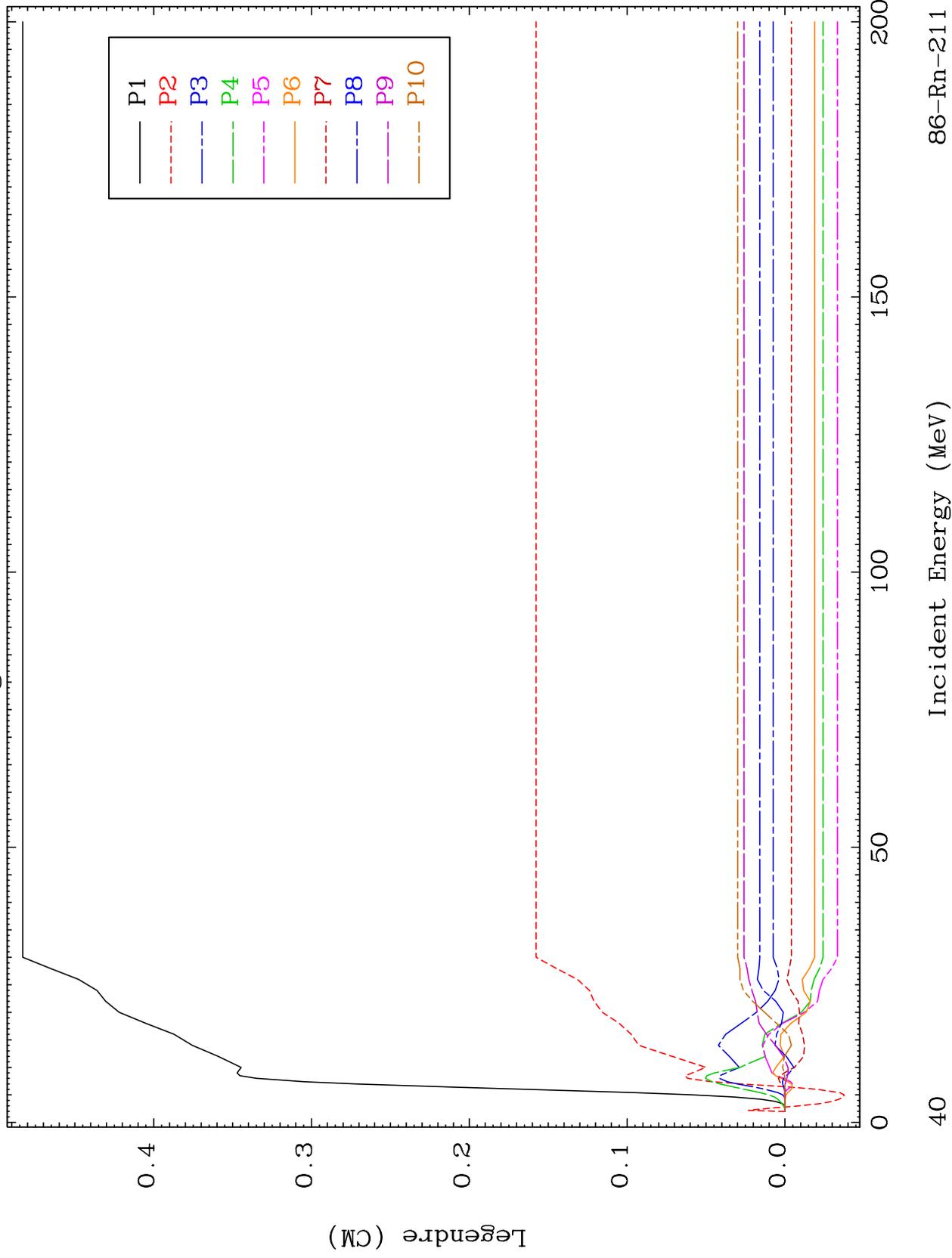
86-Rn-211



MAT 8625

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

86-Rn-211



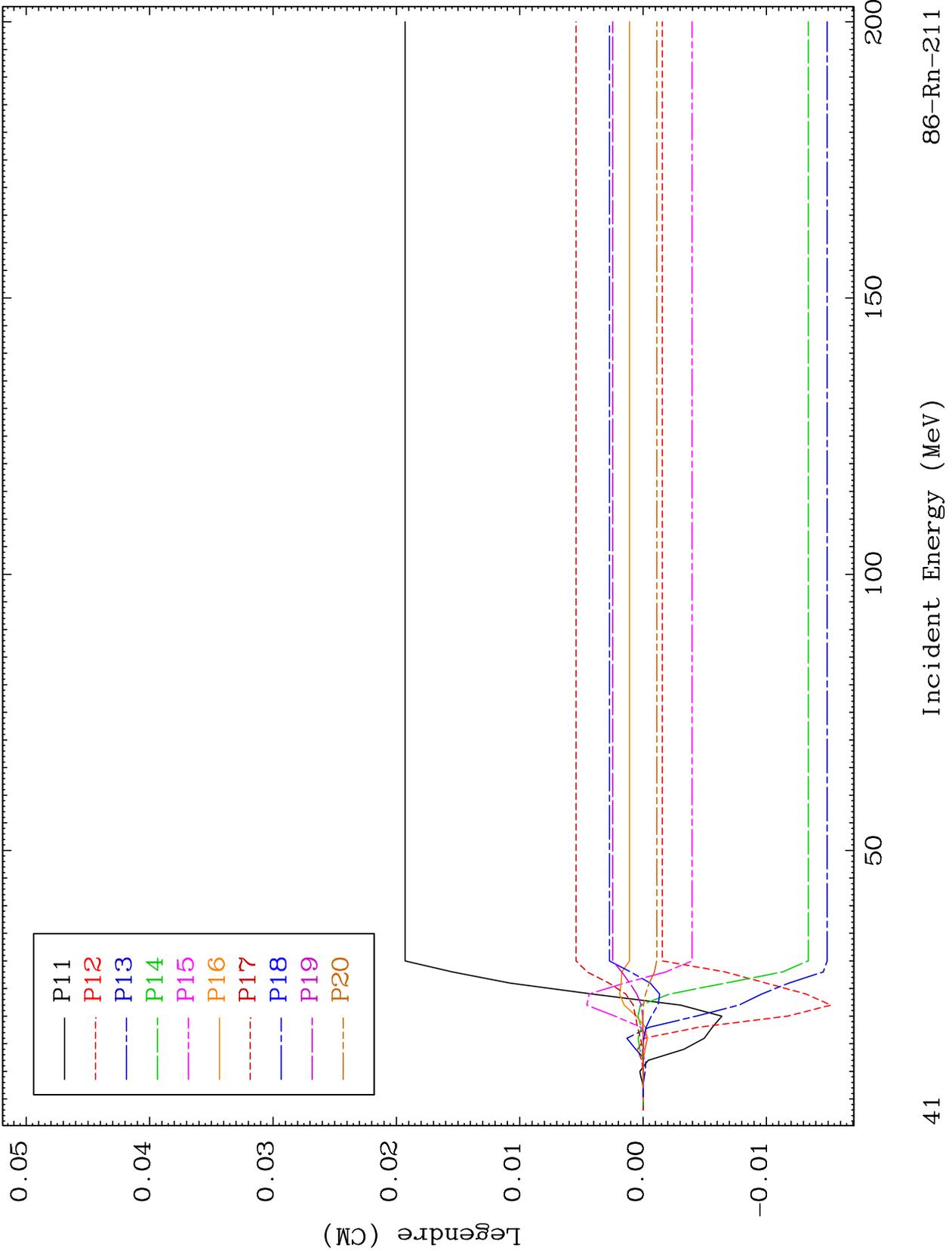
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Incident Energy (MeV)

MAT 8625

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

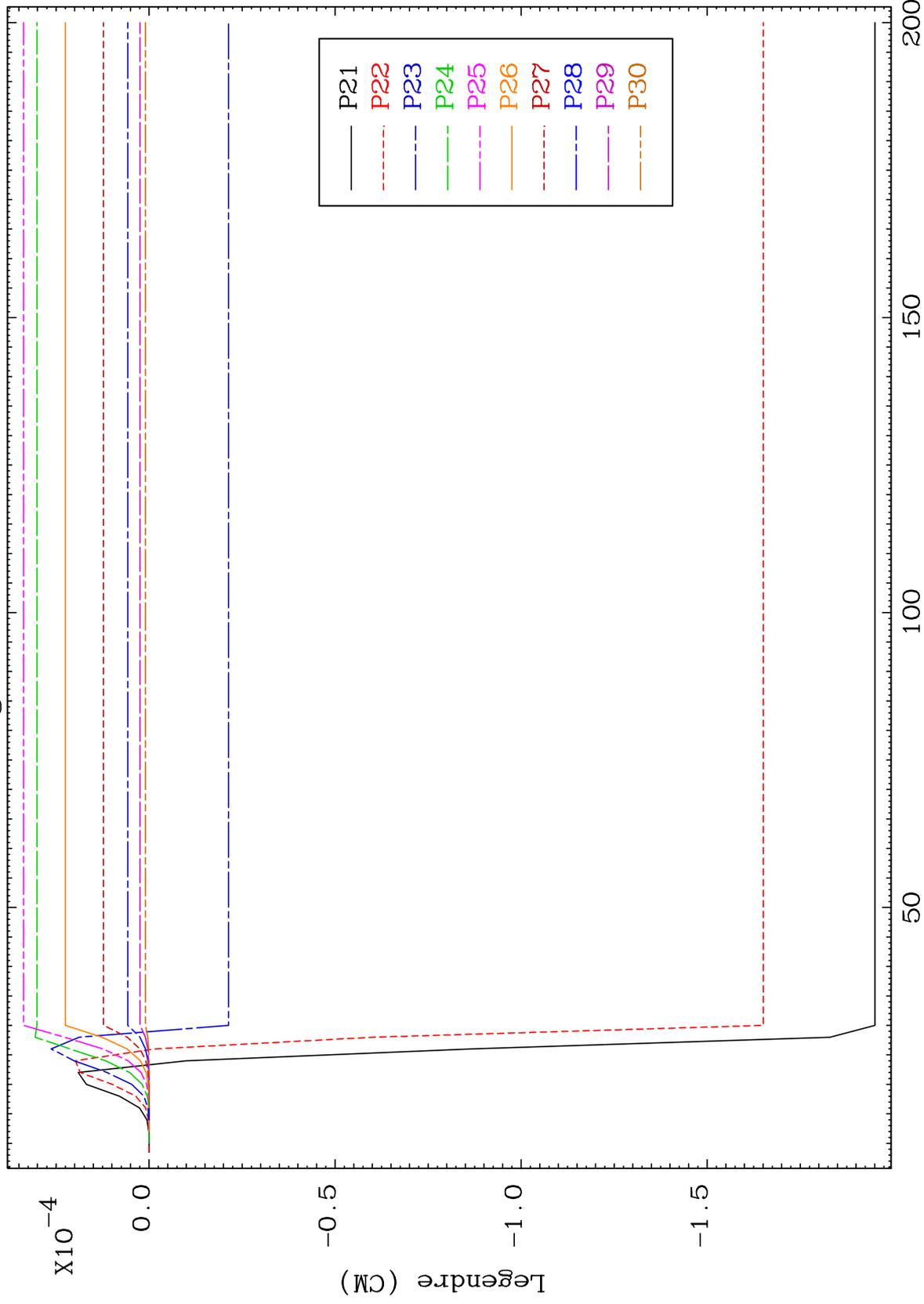
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MAT 8625

86-Rn-211

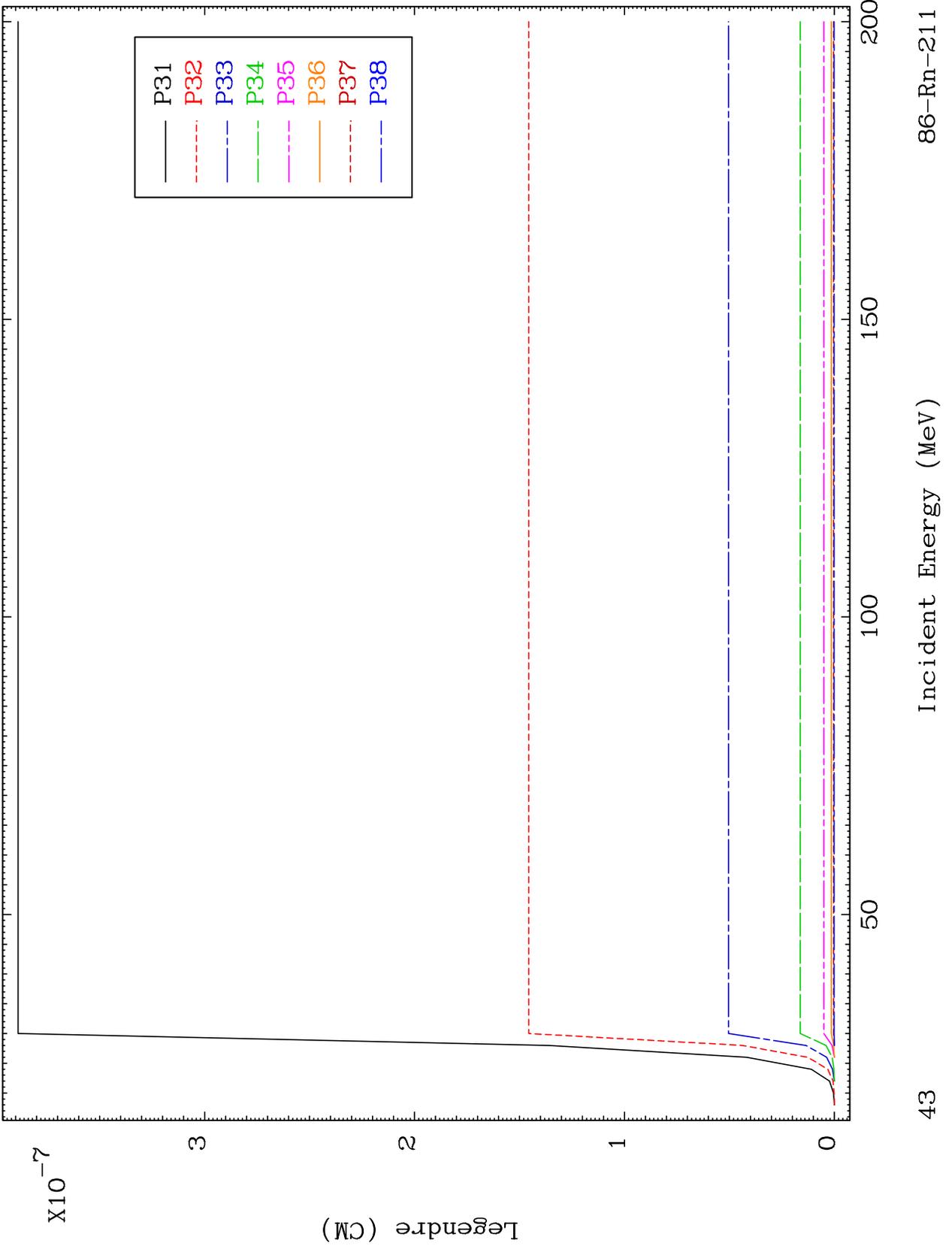
MT= 56 (n,n') Level
Legendre Coefficients



MAT 8625

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

86-Rn-211

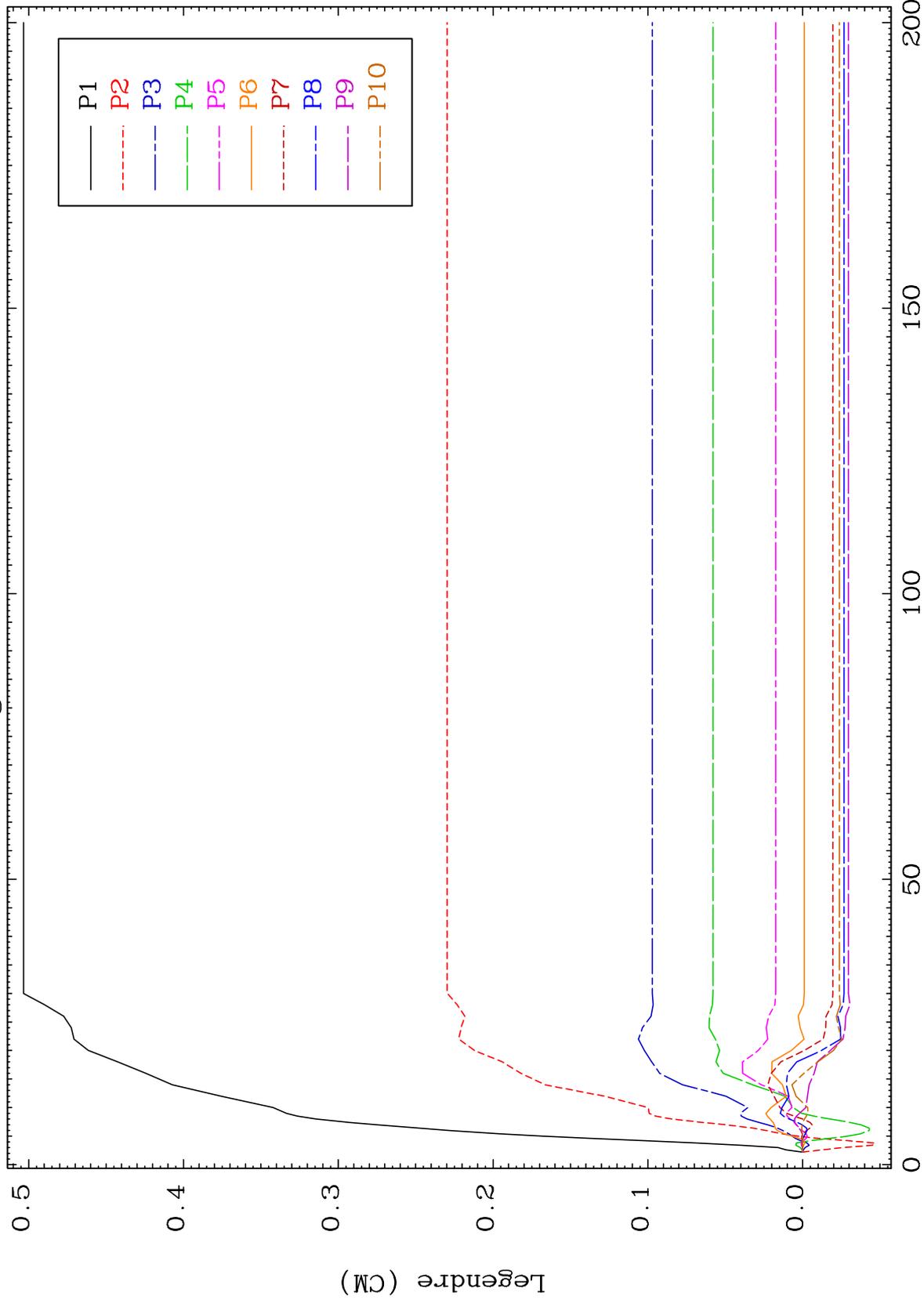


MAT 8625

MT= 57 (n,n') Level

86-Rn-211

Legendre Coefficients



44

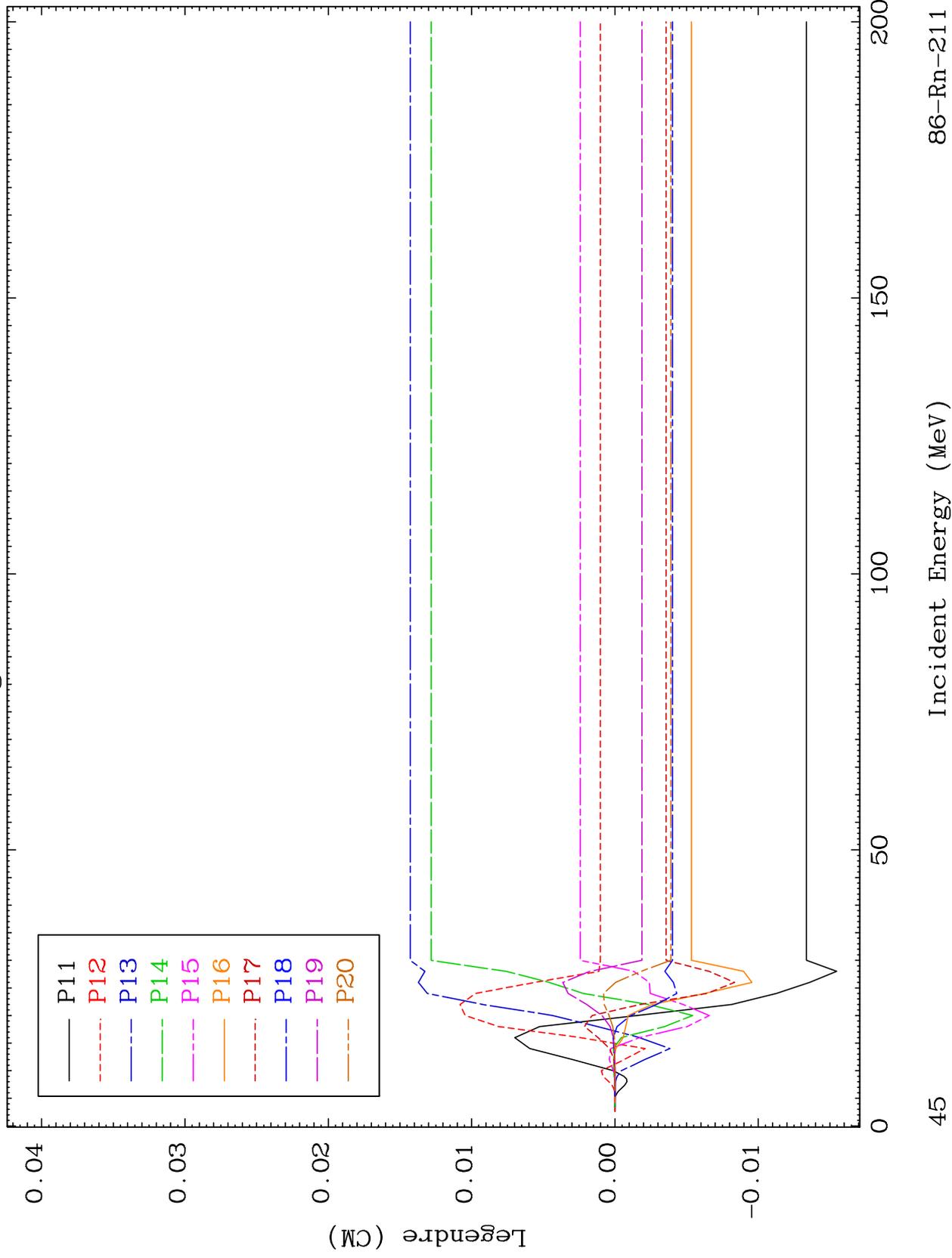
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



86-Rn-211

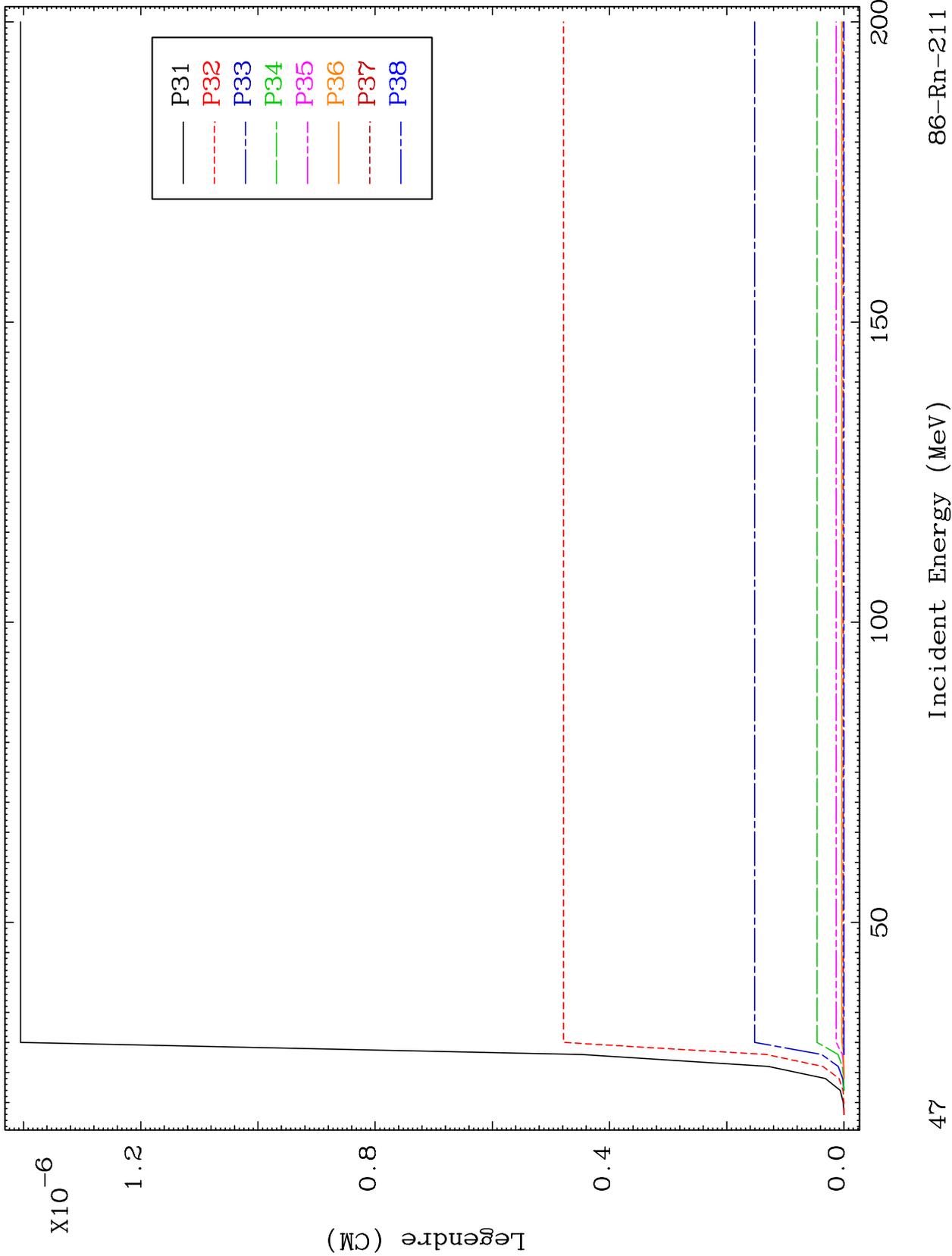
Incident Energy (MeV)

45

MAT 8625

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

86-Rn-211

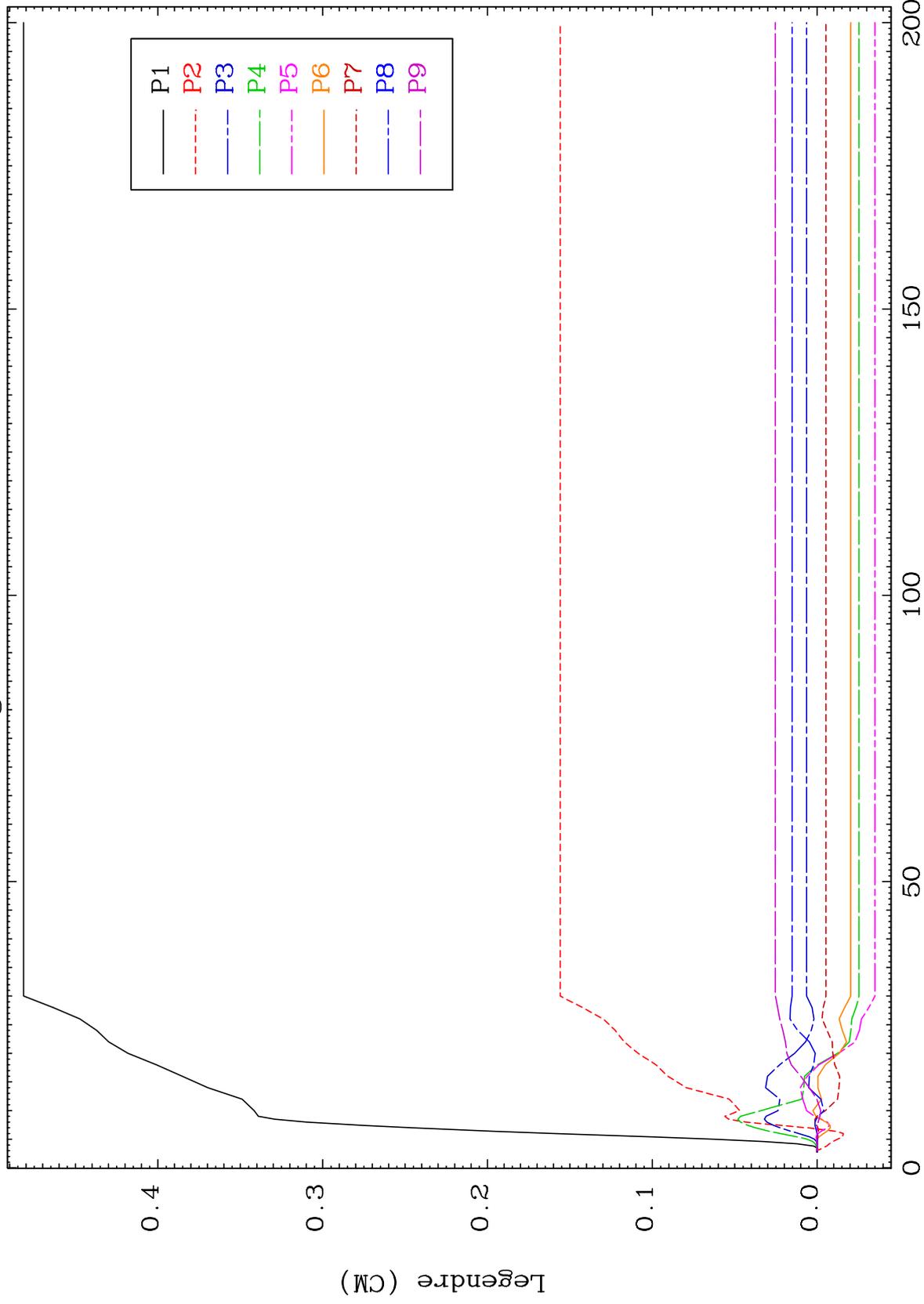


47

MAT 8625

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

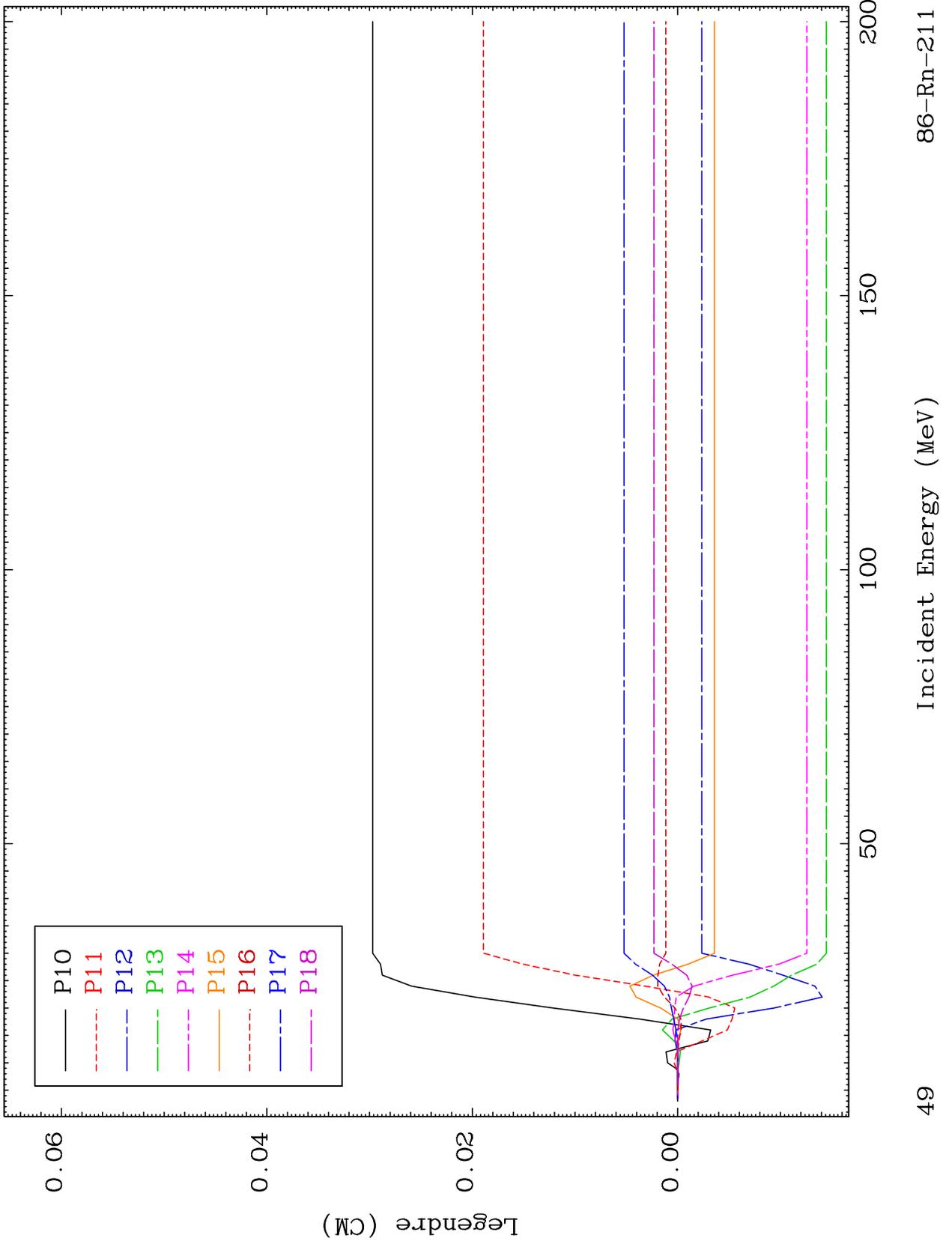
86-Rn-211



48

Incident Energy (MeV)

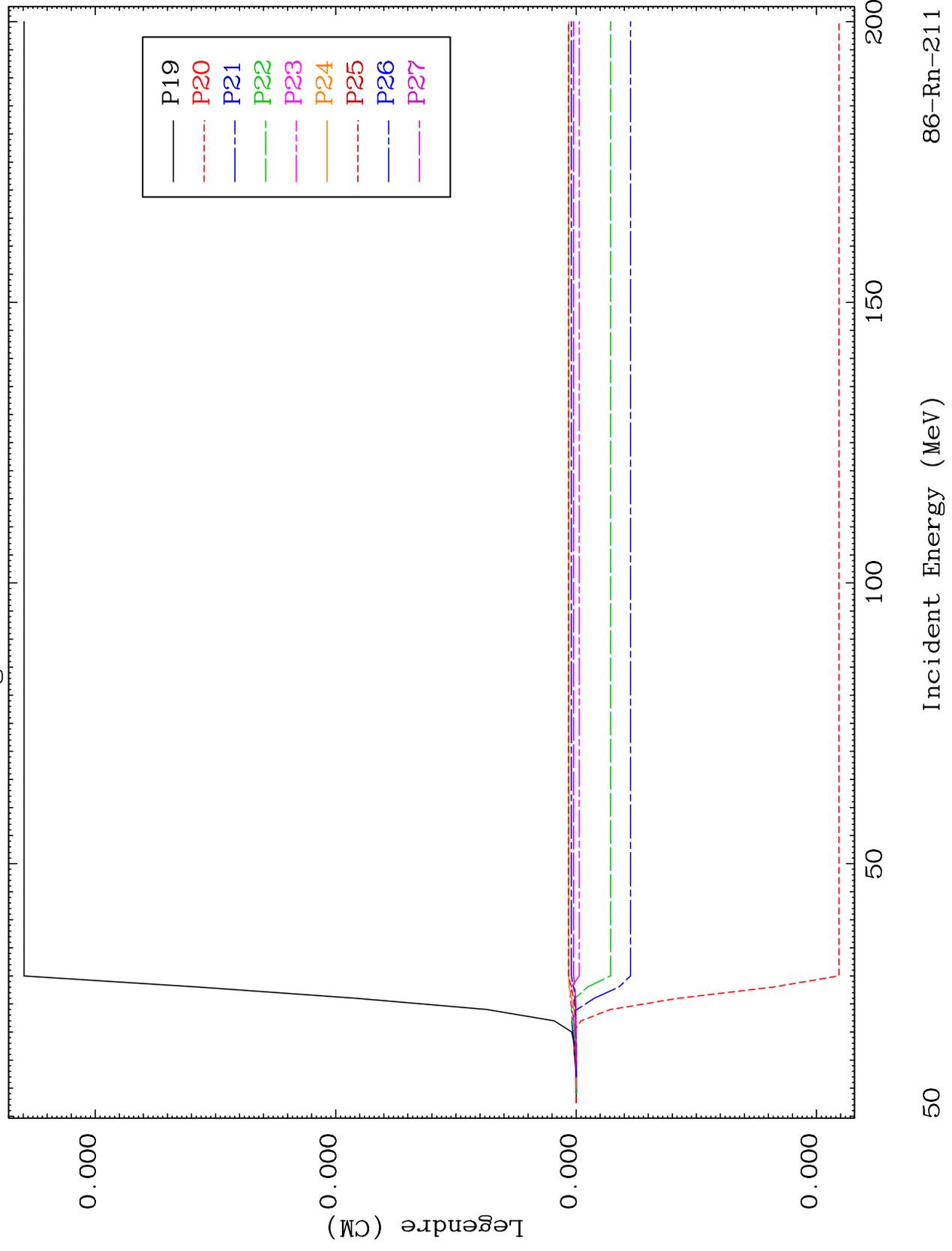
86-Rn-211



MAT 8625

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

86-Rn-211



50

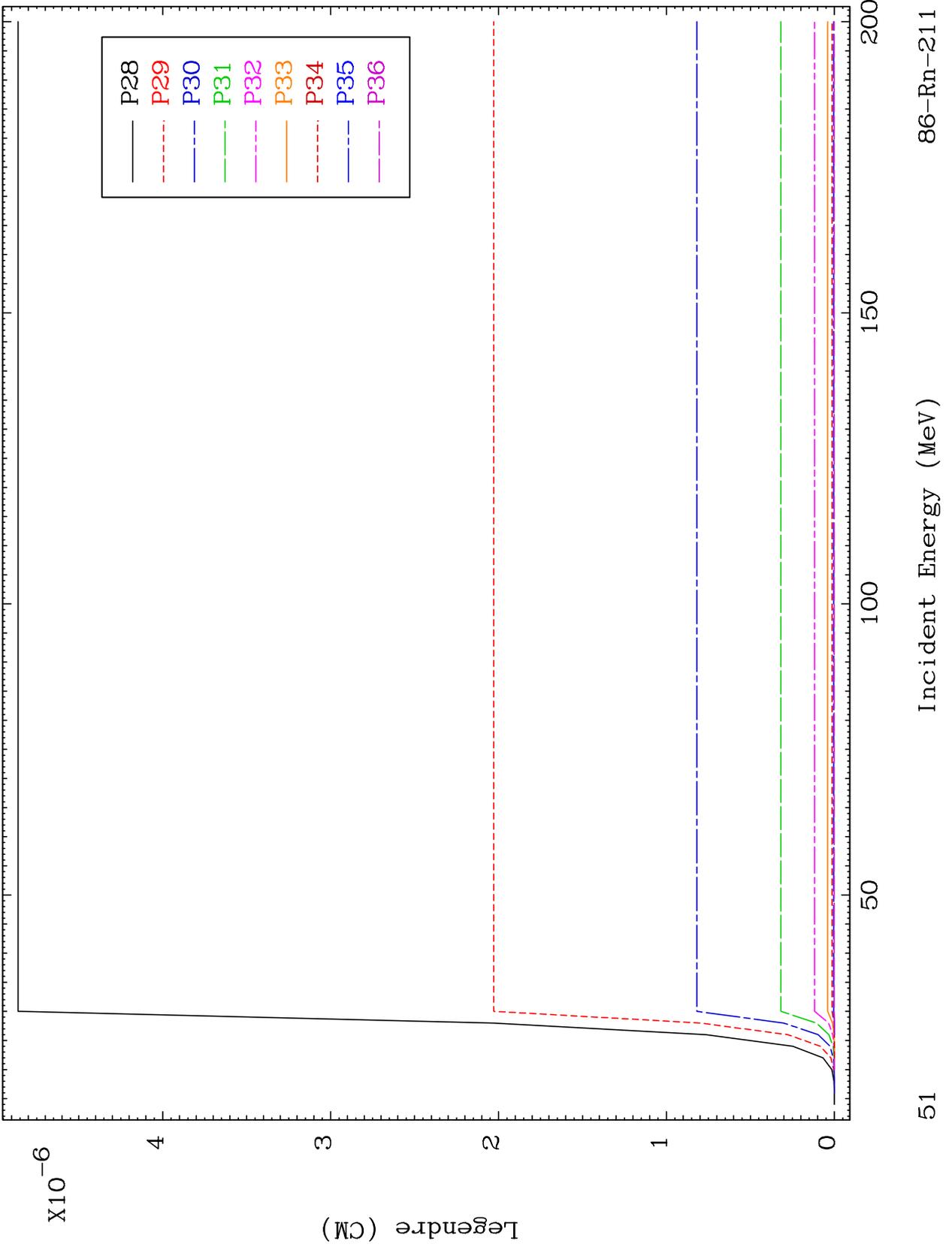
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

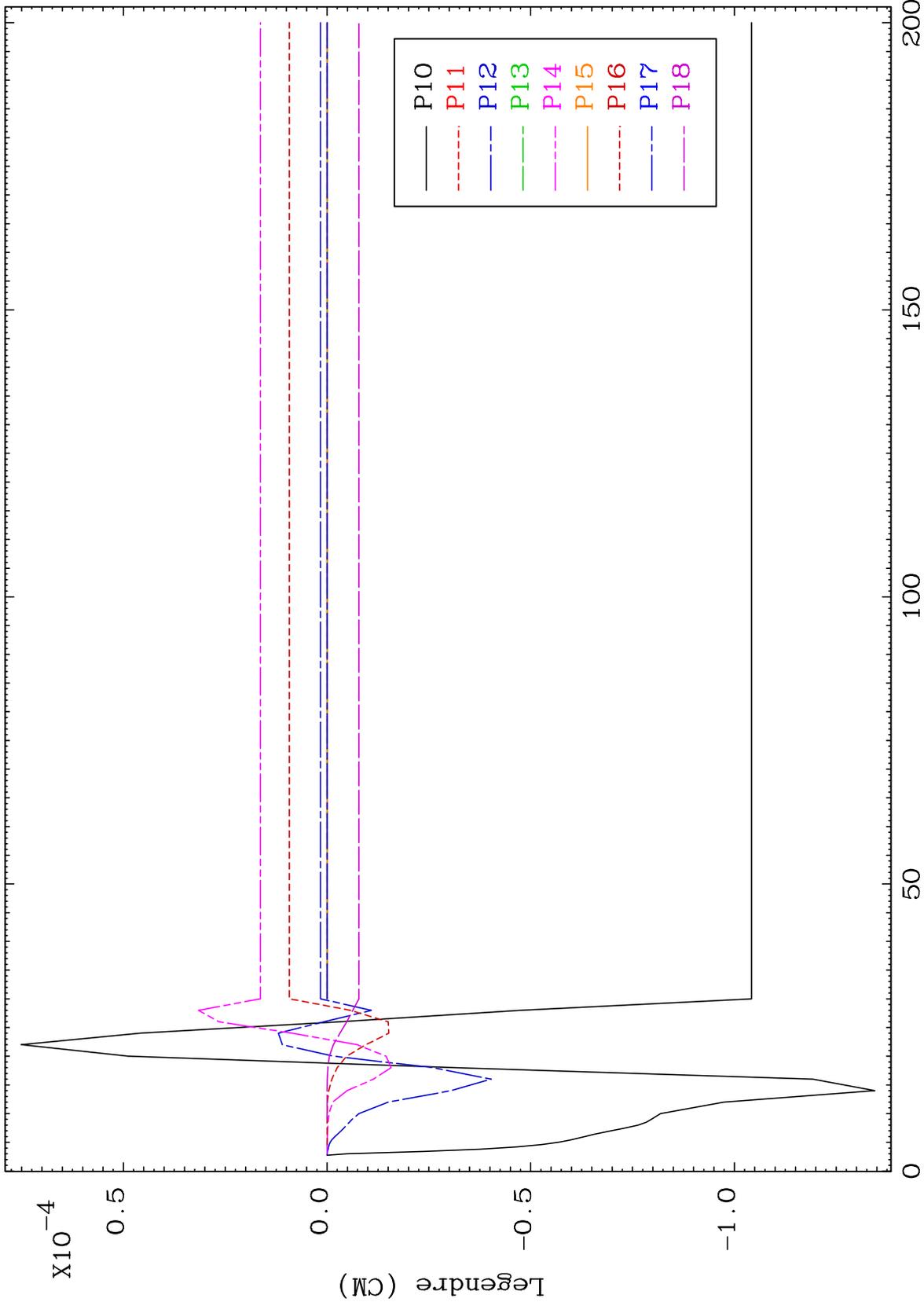


51

MAT 8625

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

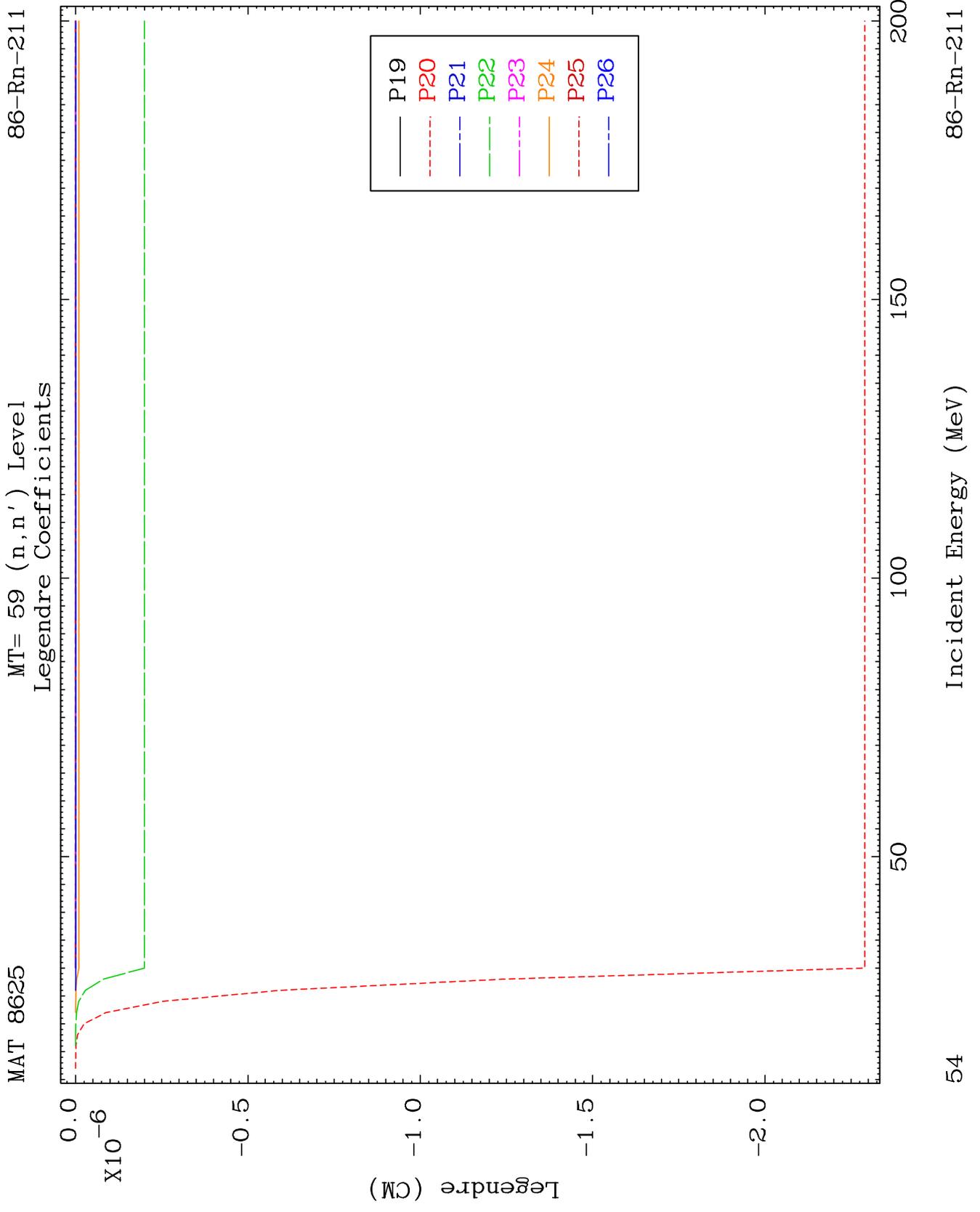
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53

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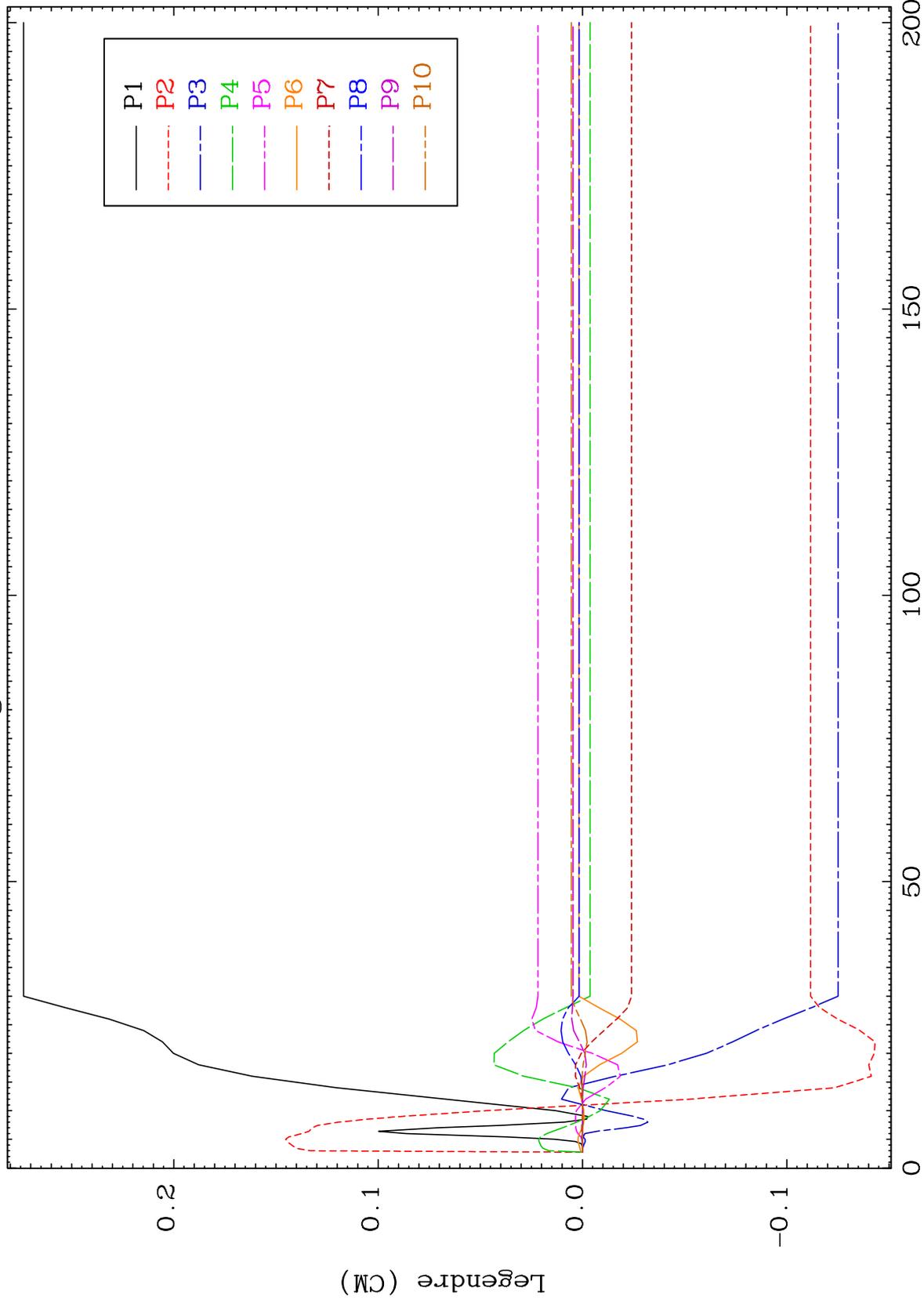
86-Rn-211



MAT 8625

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

86-Rn-211



55

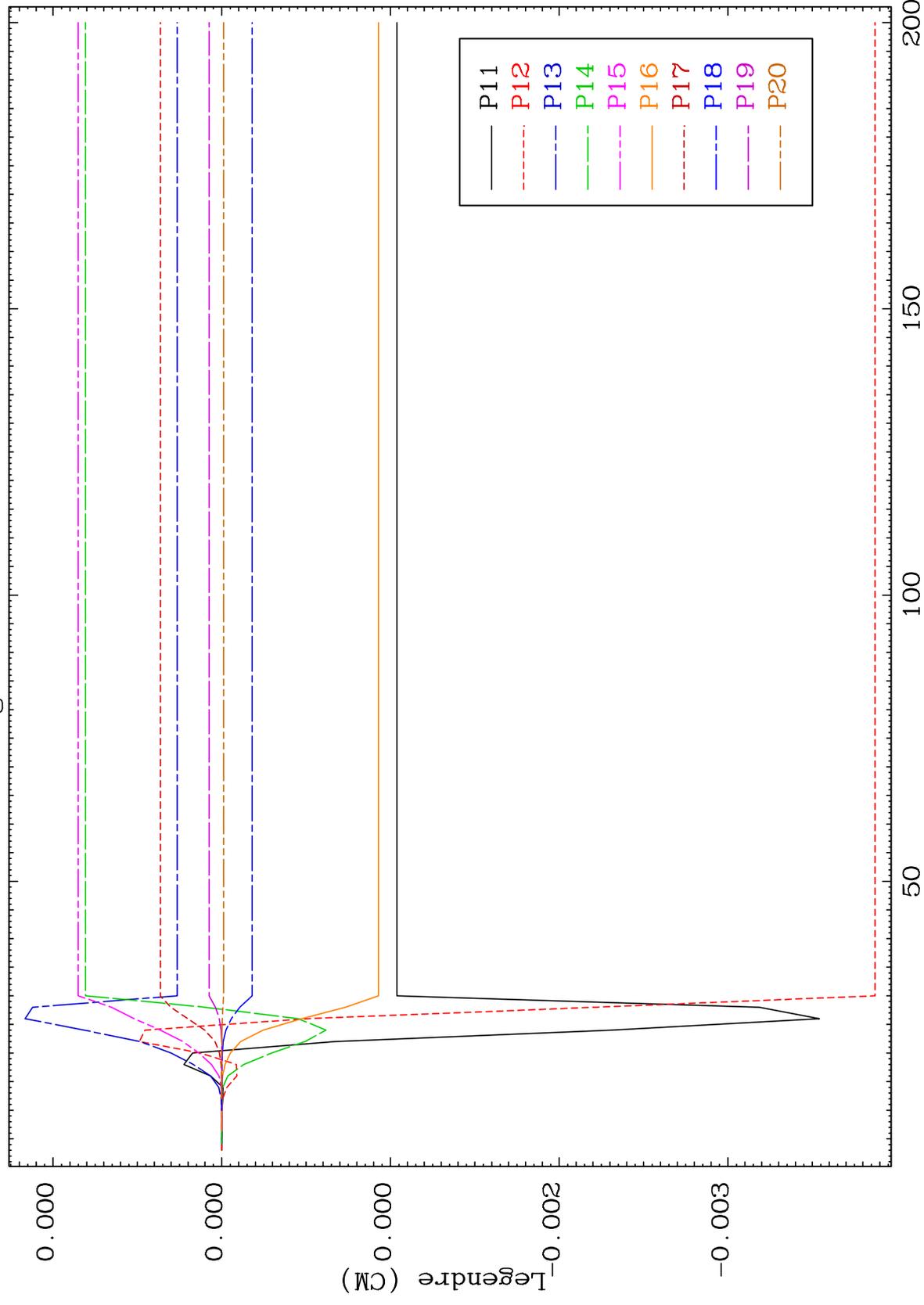
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

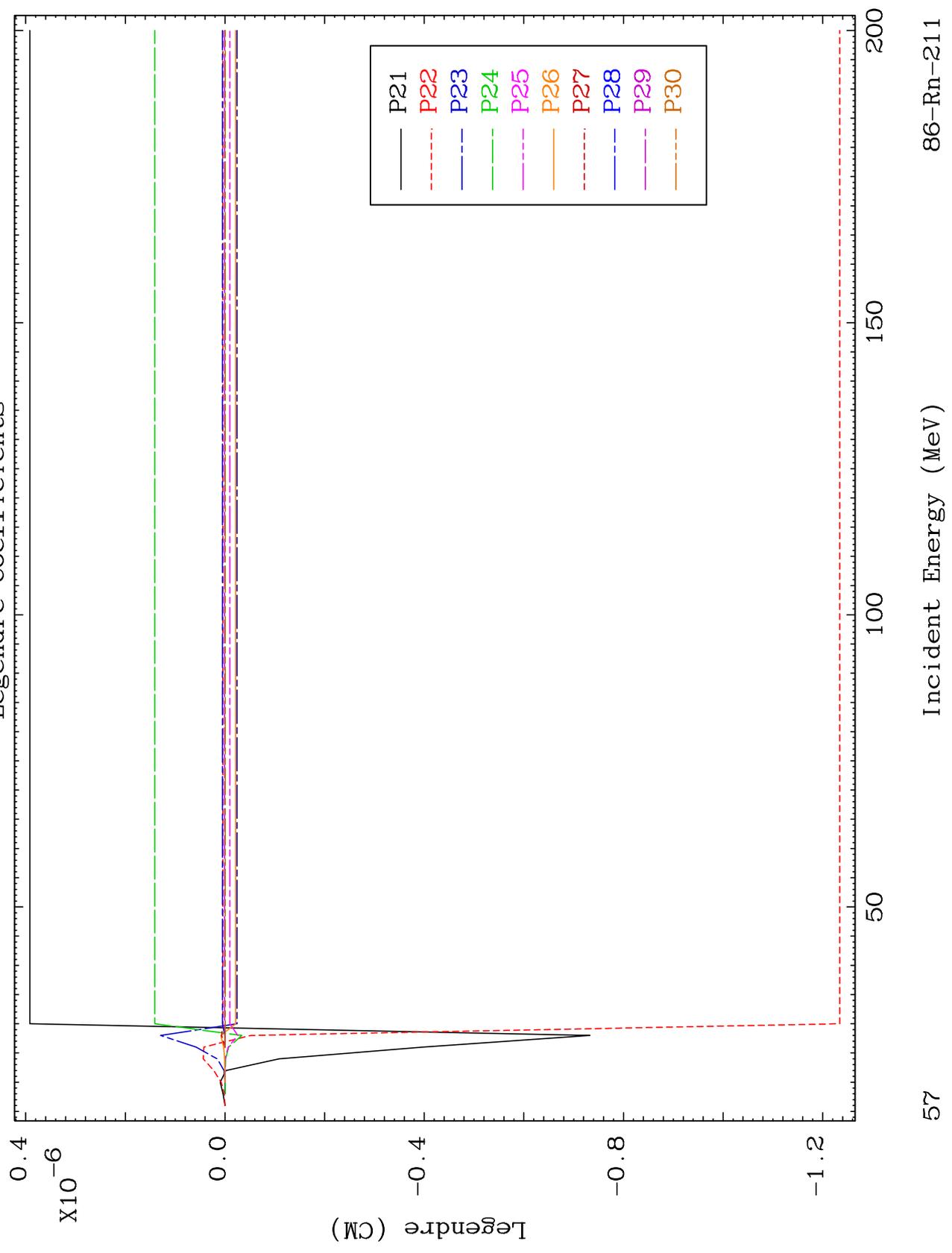
86-Rn-211



56

Incident Energy (MeV)

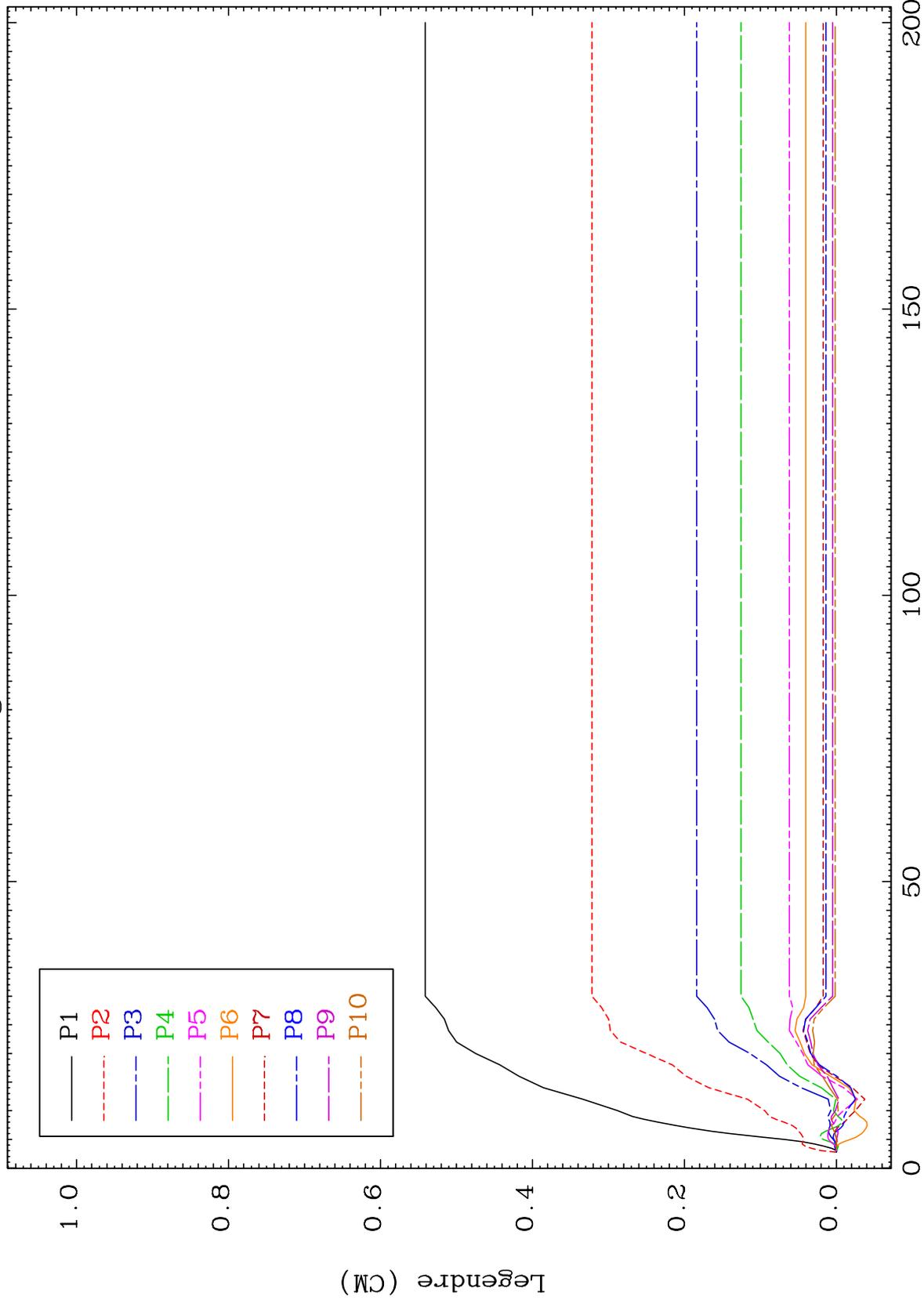
86-Rn-211



MAT 8625

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

86-Rn-211



58

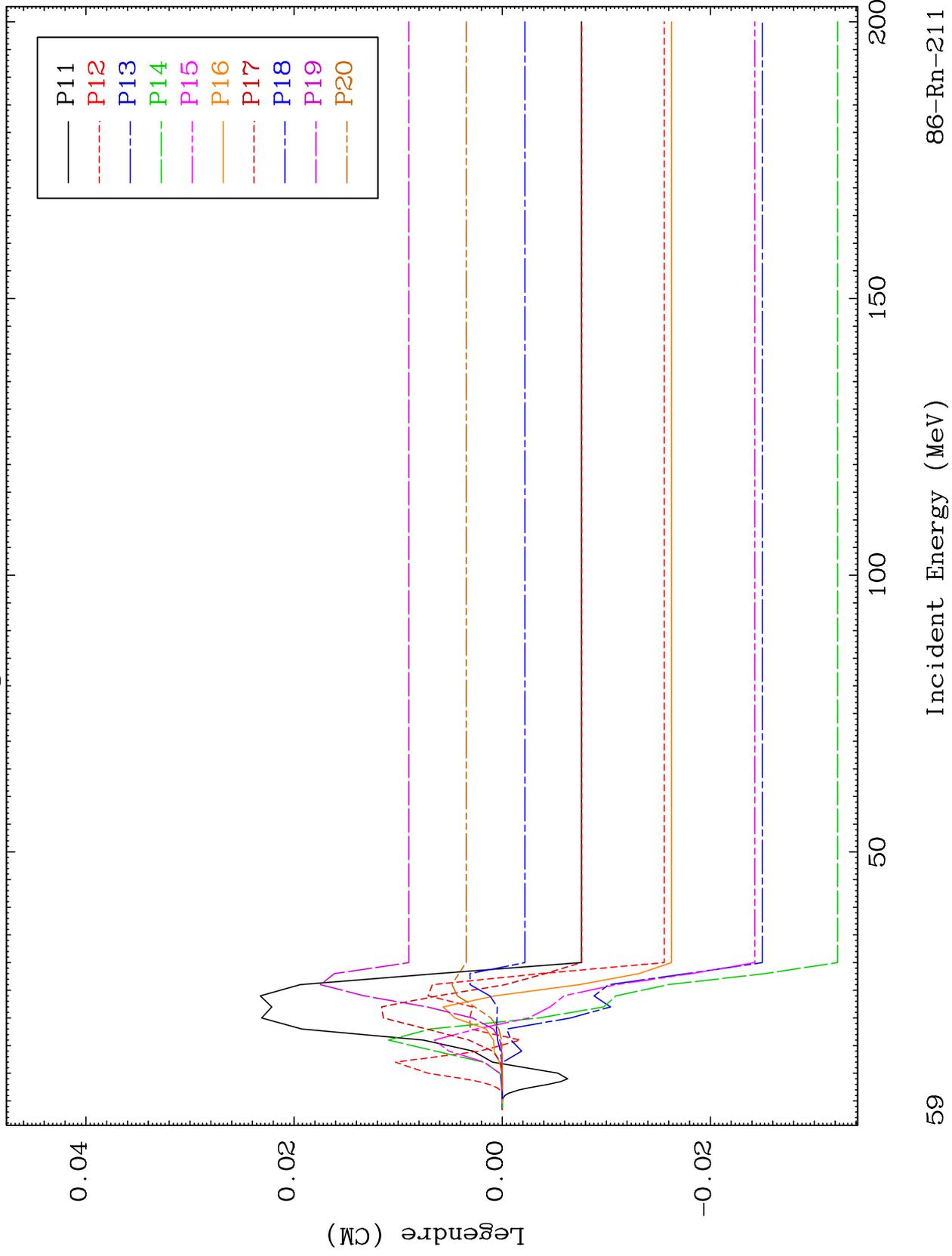
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



59

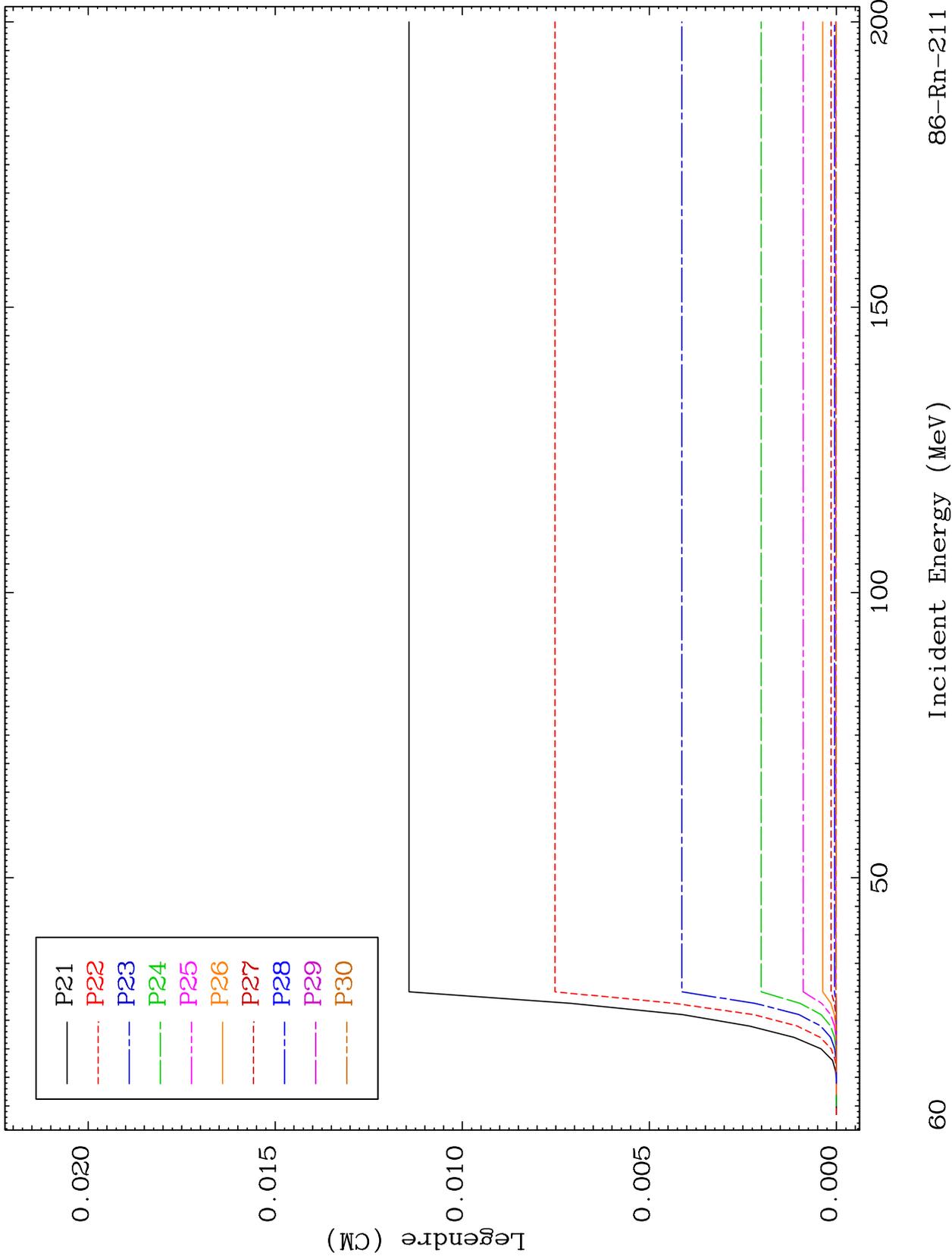
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

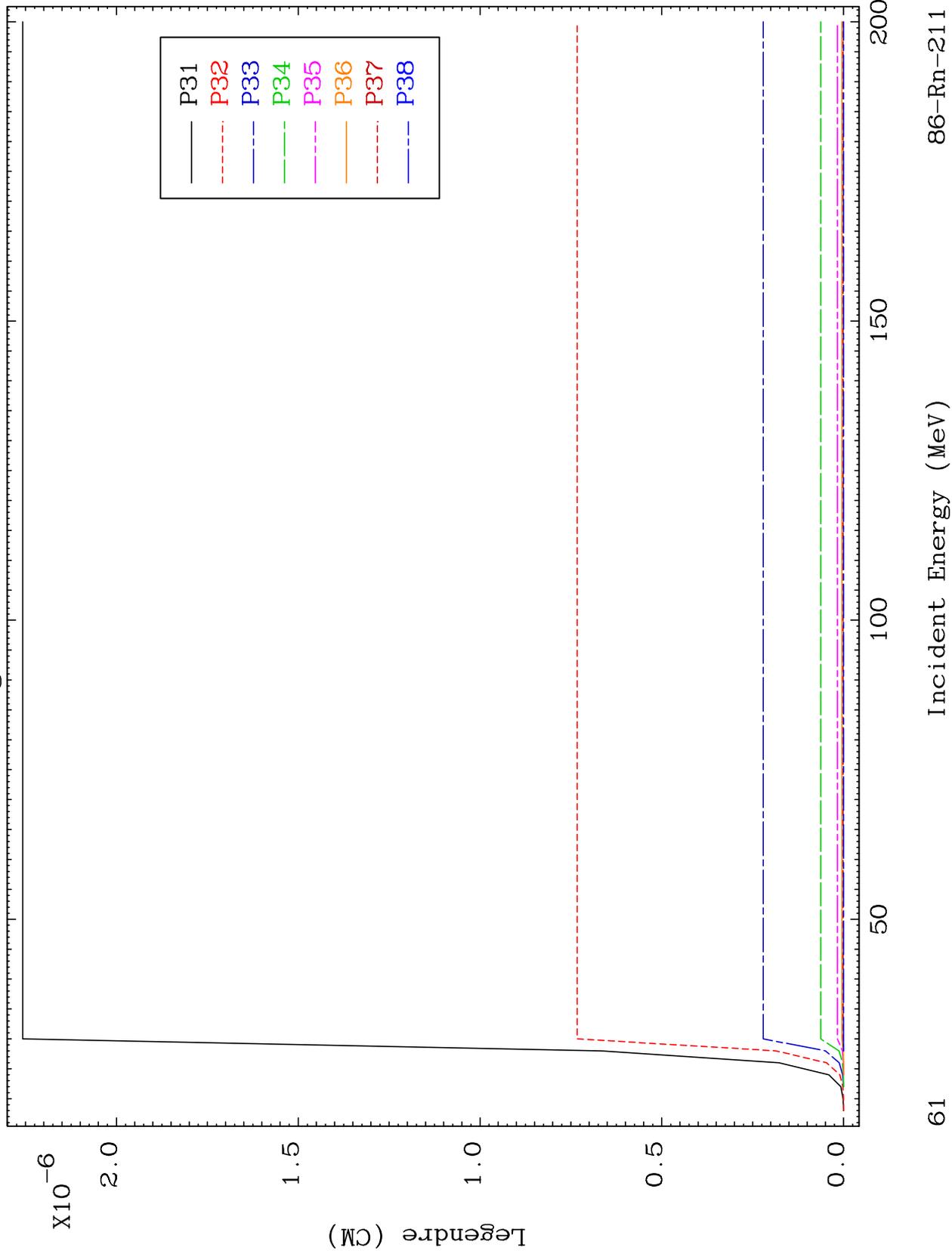
86-Rn-211



MAT 8625

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

86-Rn-211



61

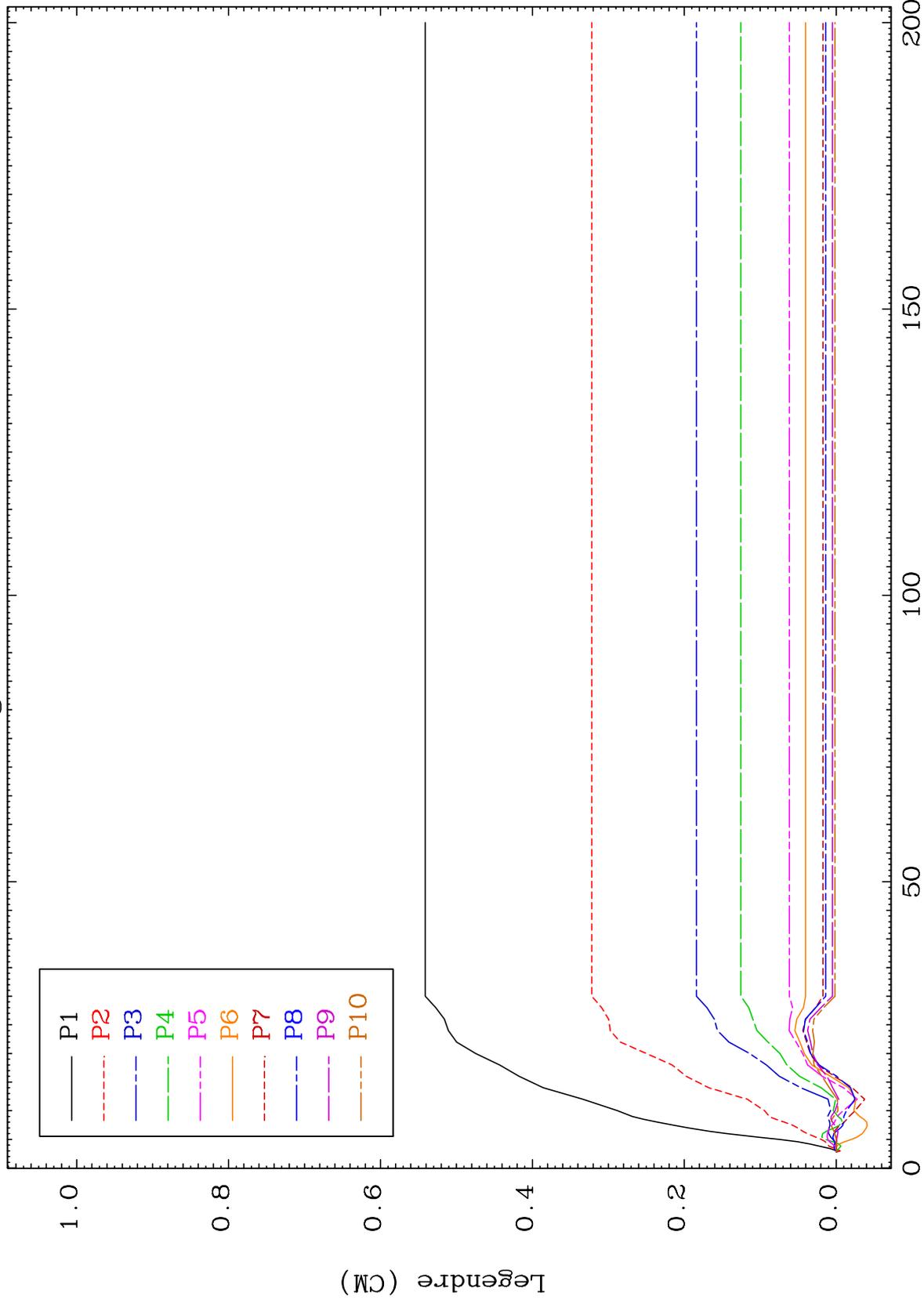
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



62

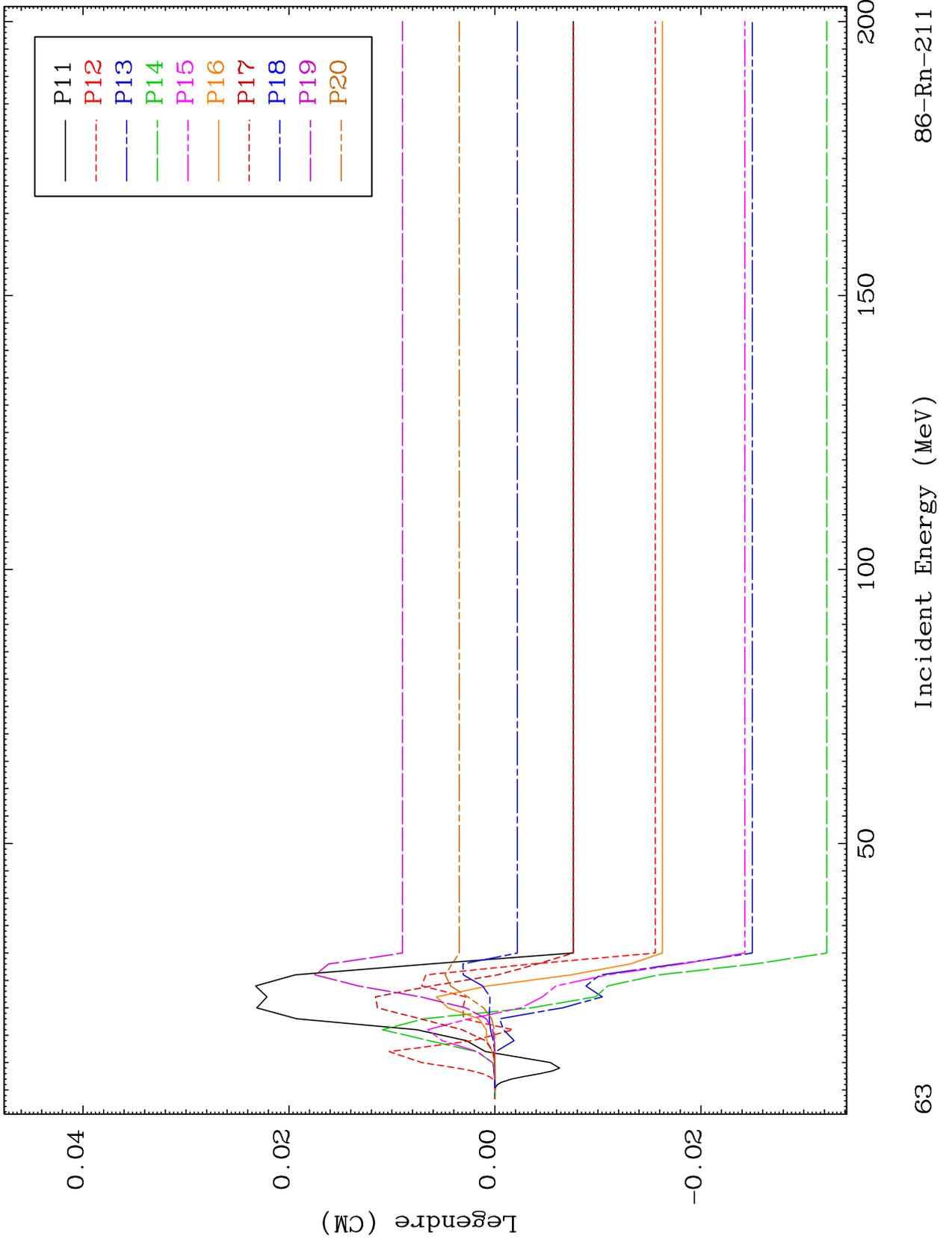
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



63

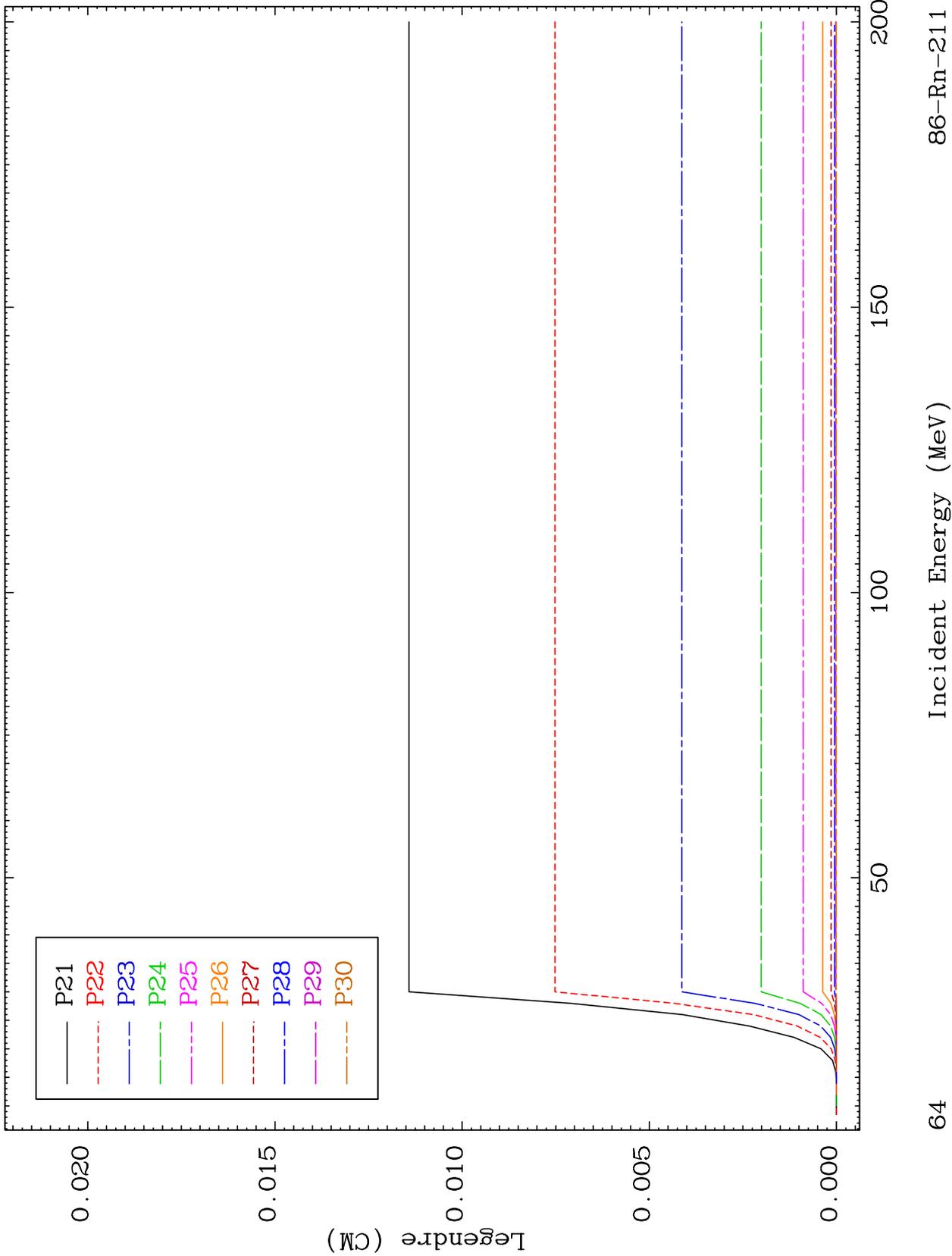
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



64

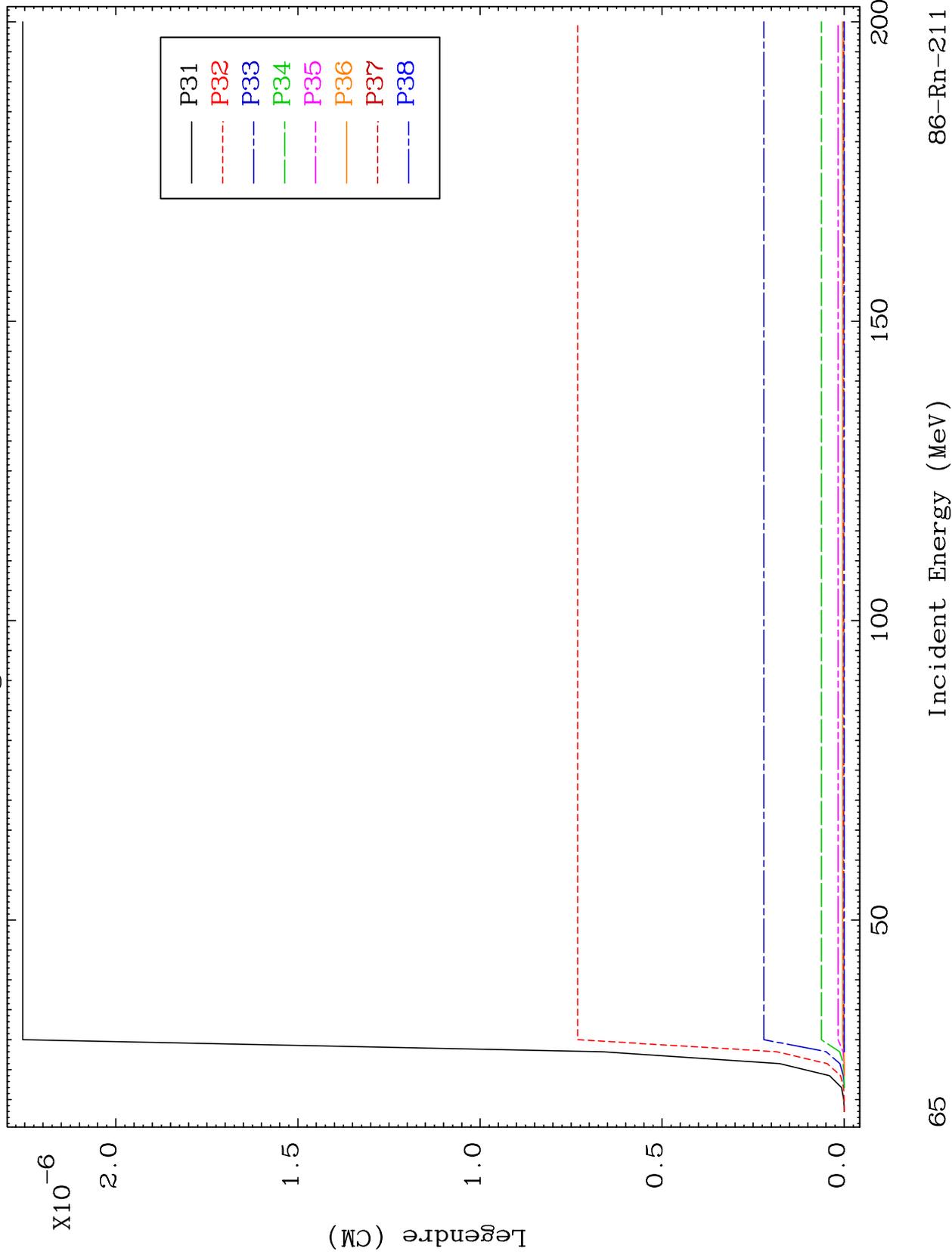
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



65

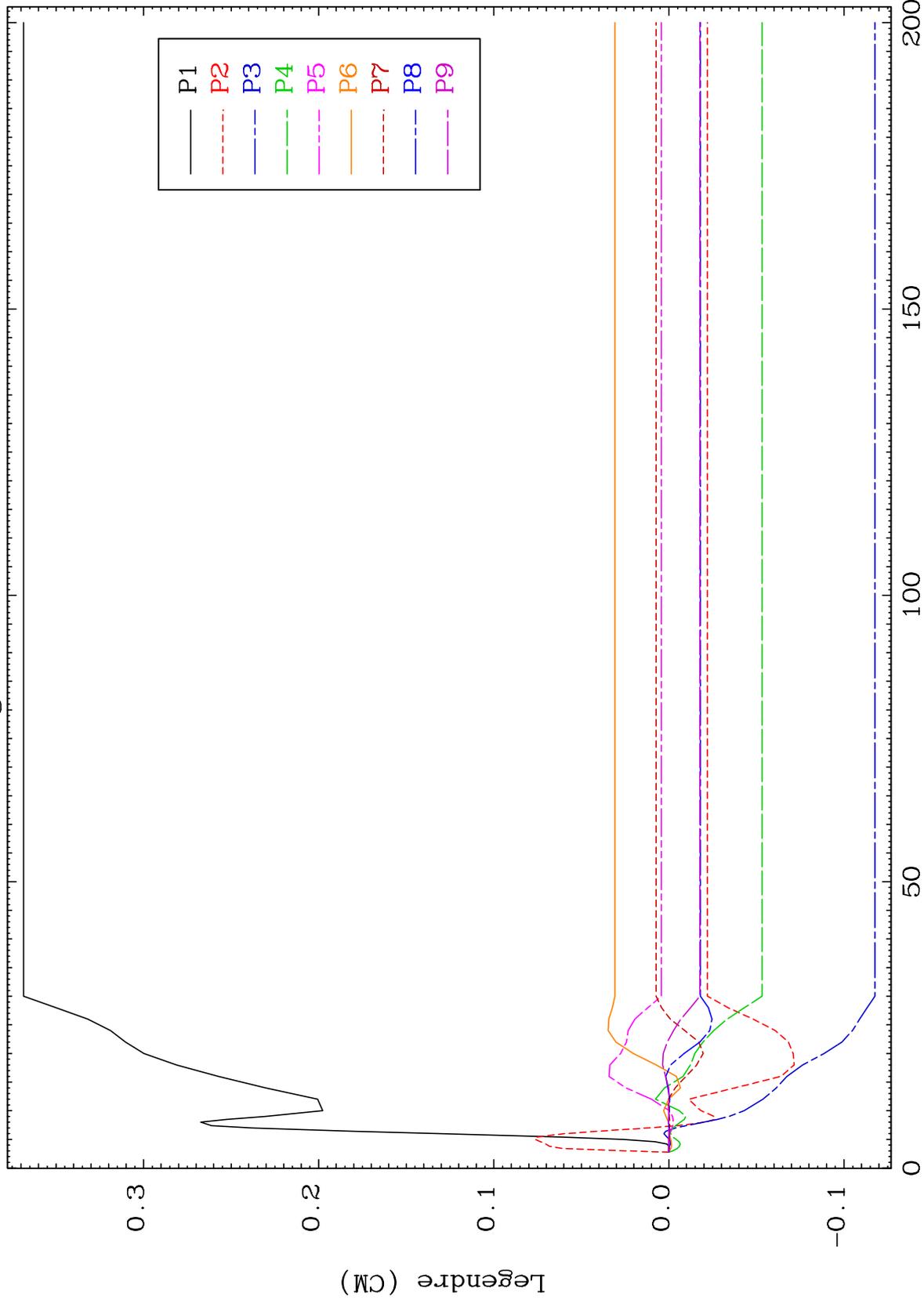
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



66

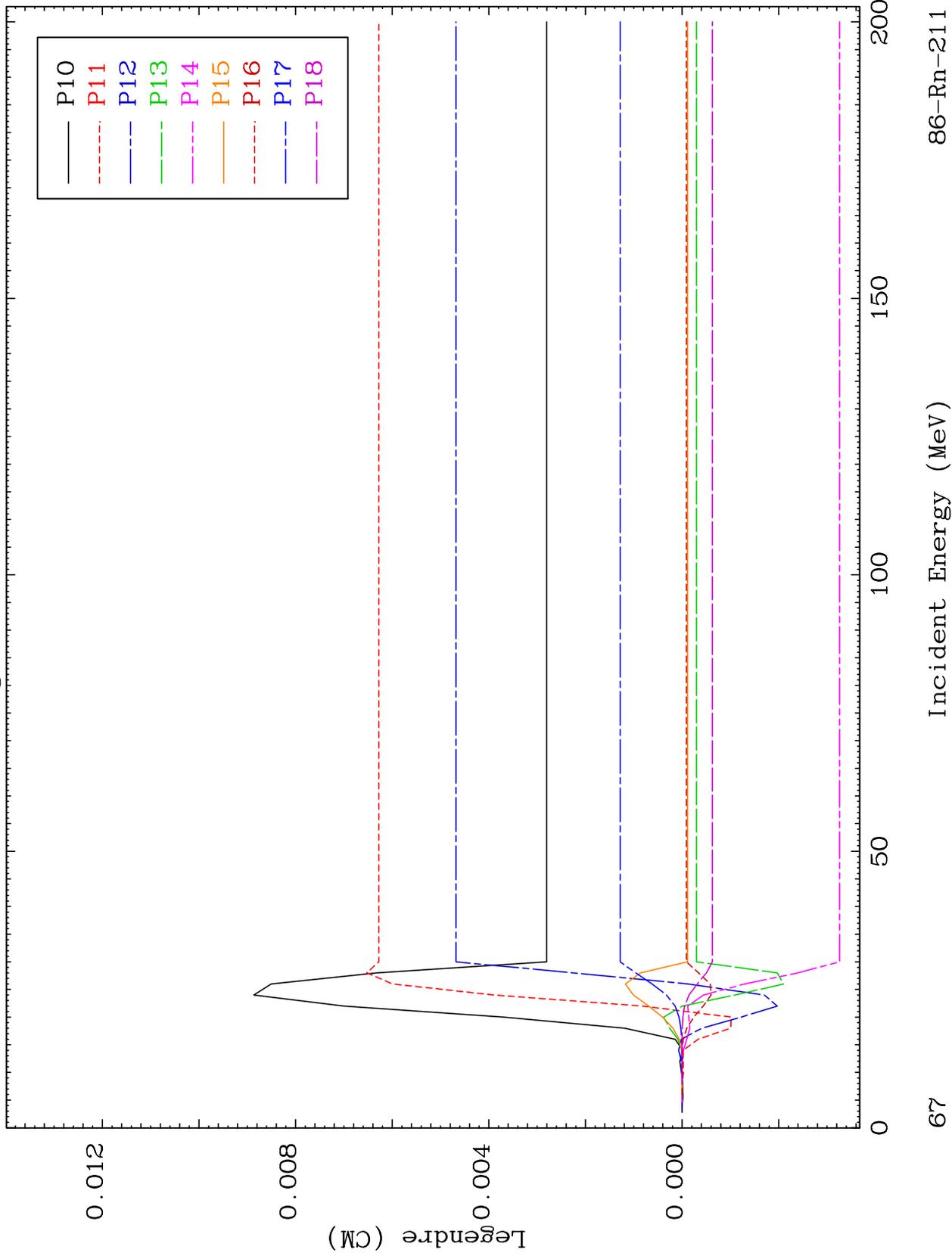
Incident Energy (MeV)

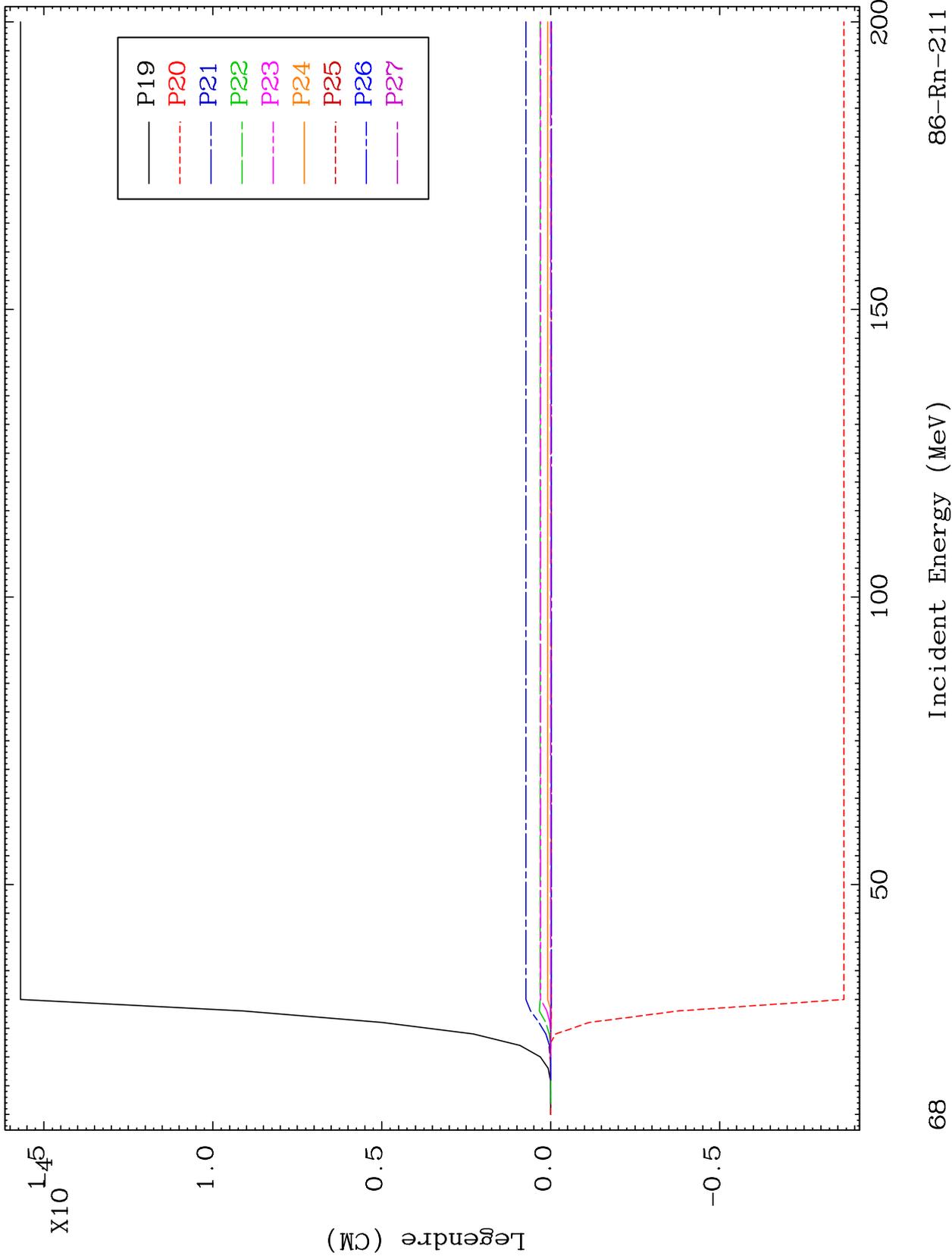
86-Rn-211

MAT 8625

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

86-Rn-211

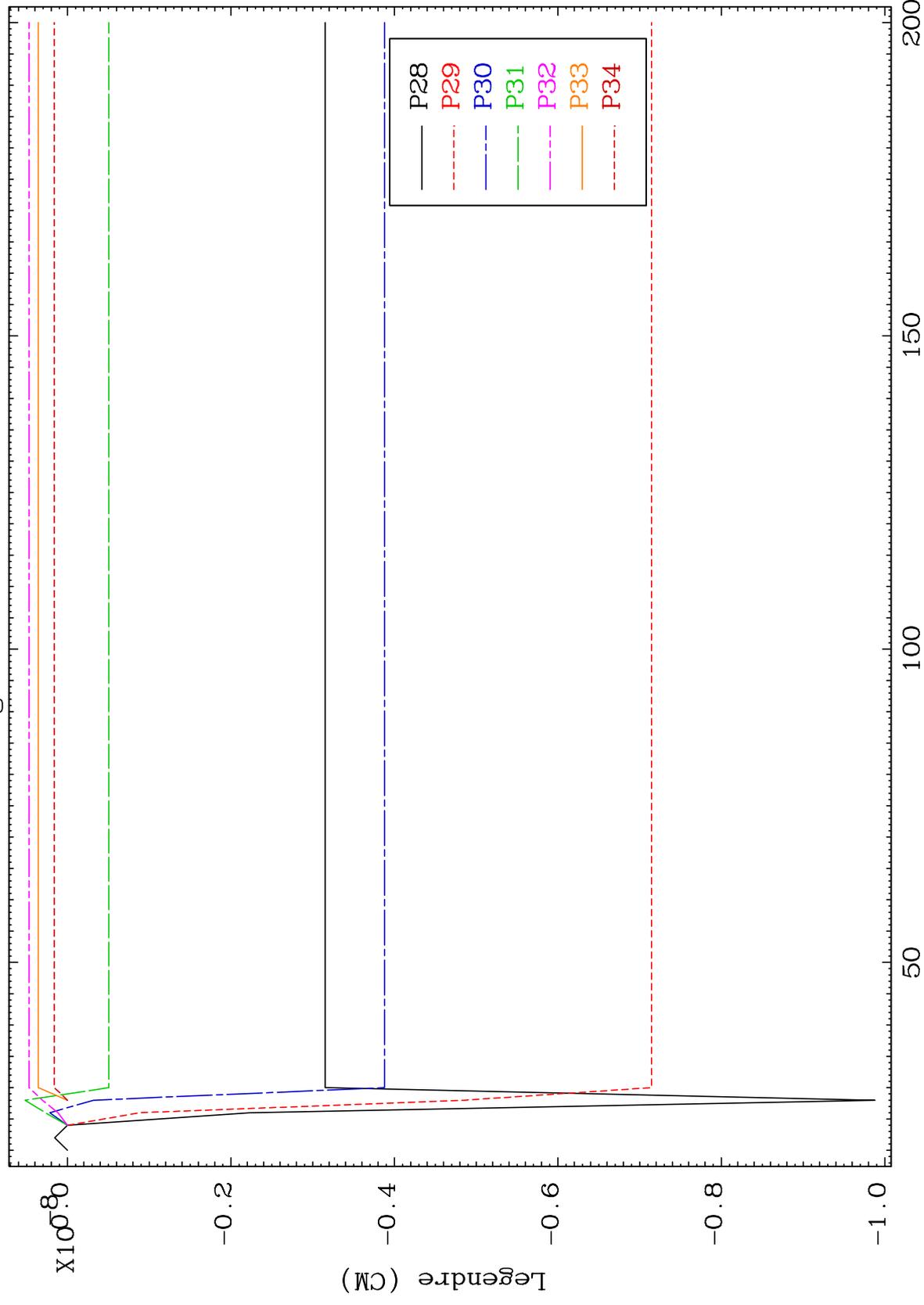




MAT 8625

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

86-Rn-211



69

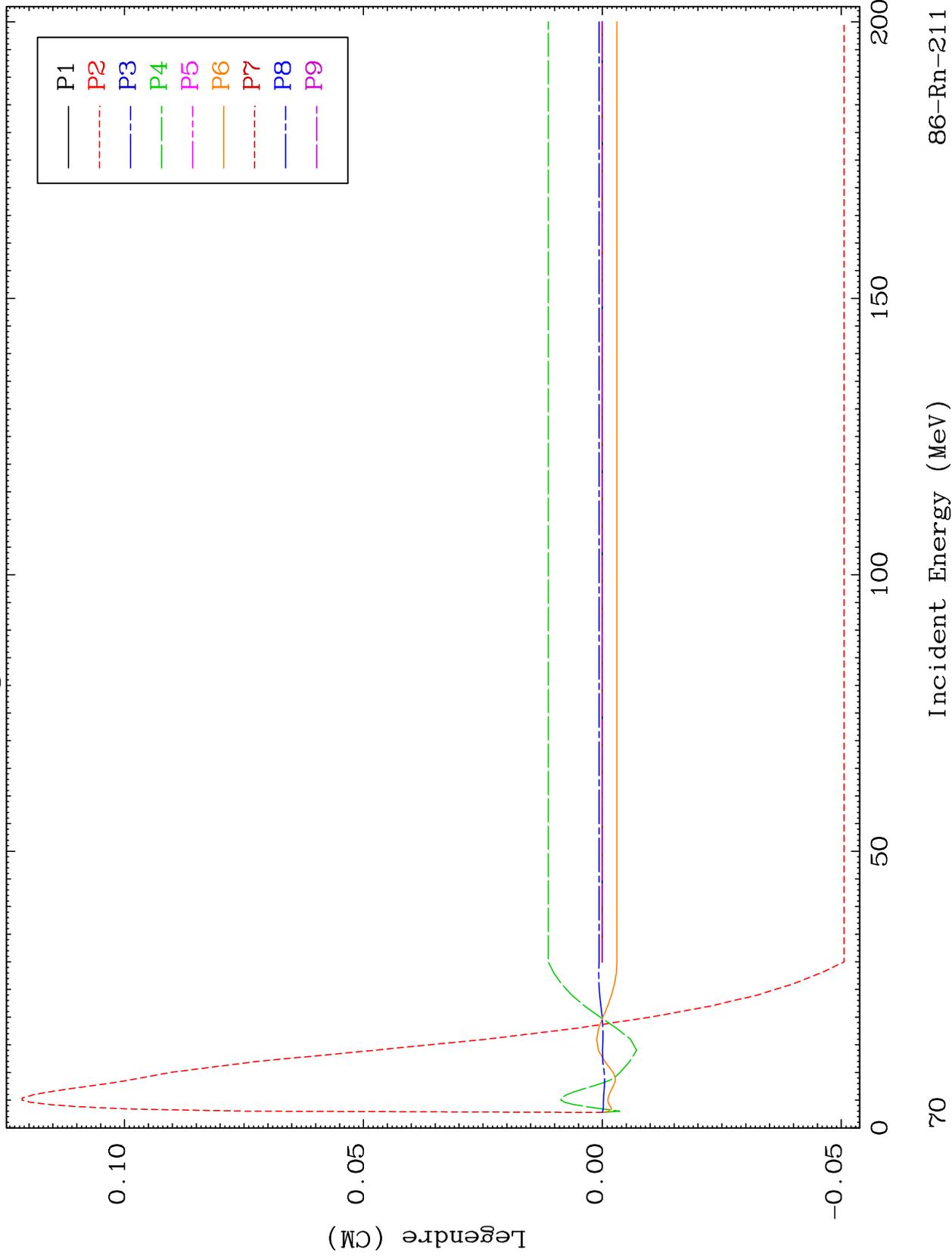
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211

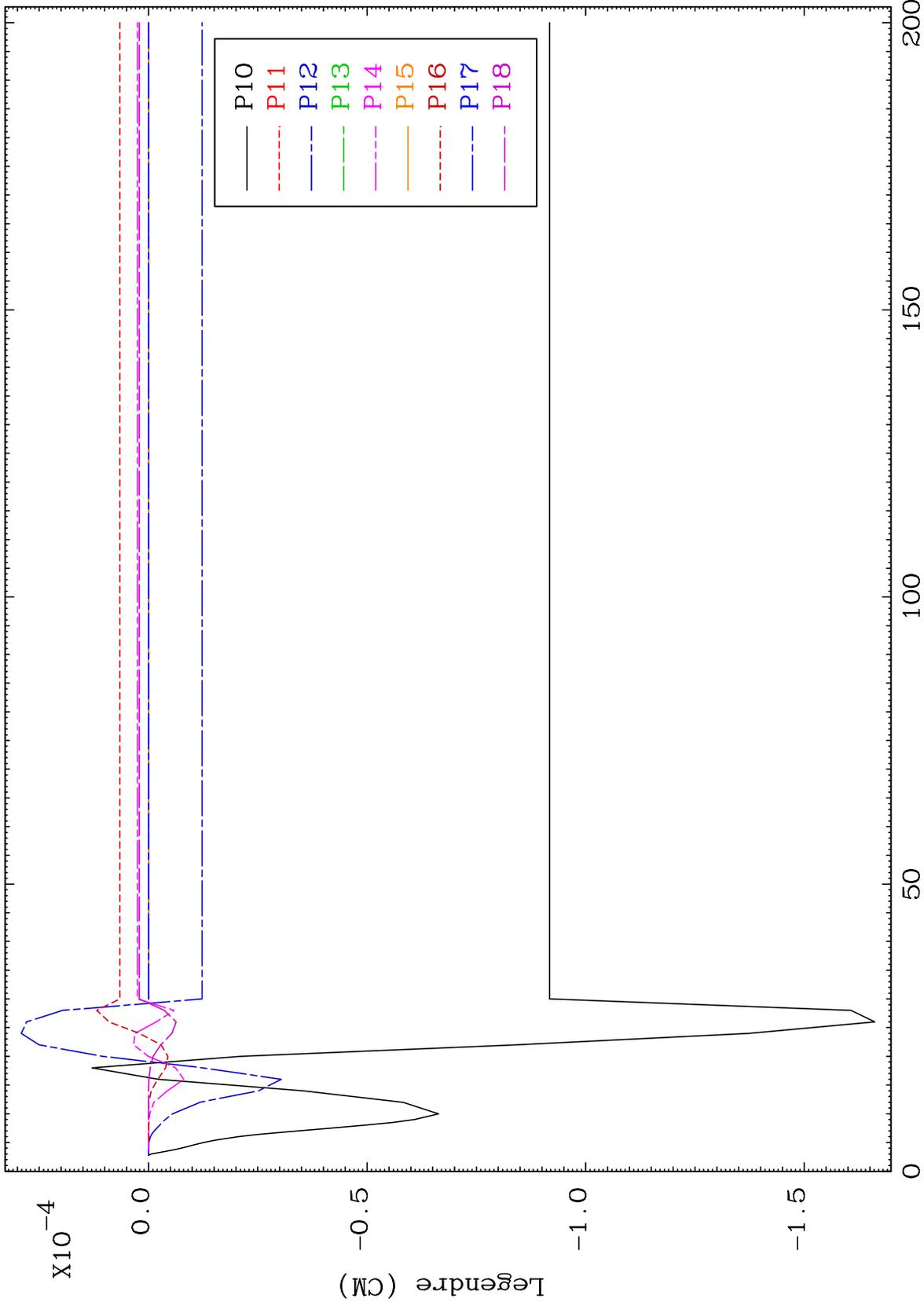


86-Rn-211

MAT 8625

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

86-Rn-211



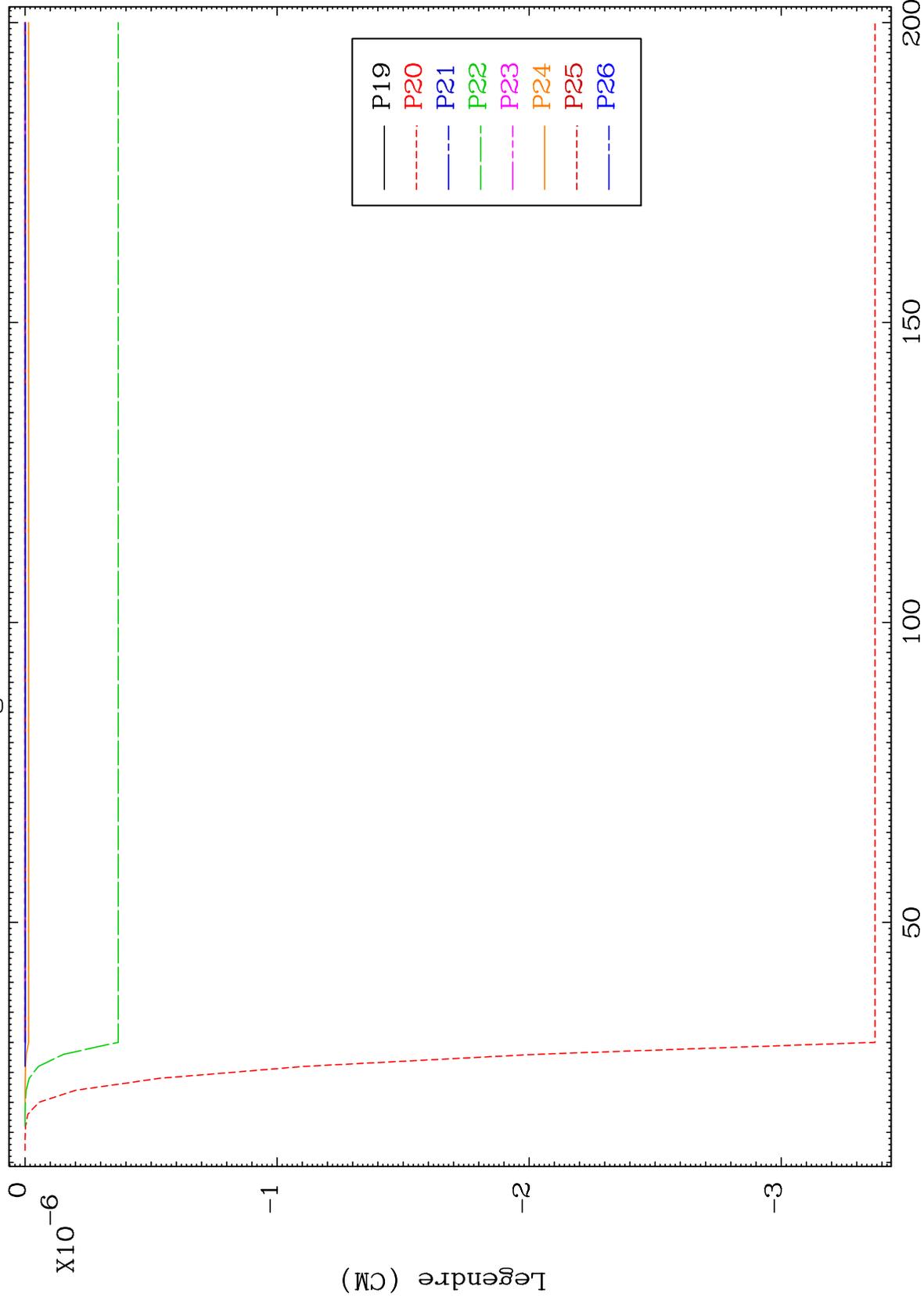
71

86-Rn-211

MAT 8625

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

86-Rn-211



72

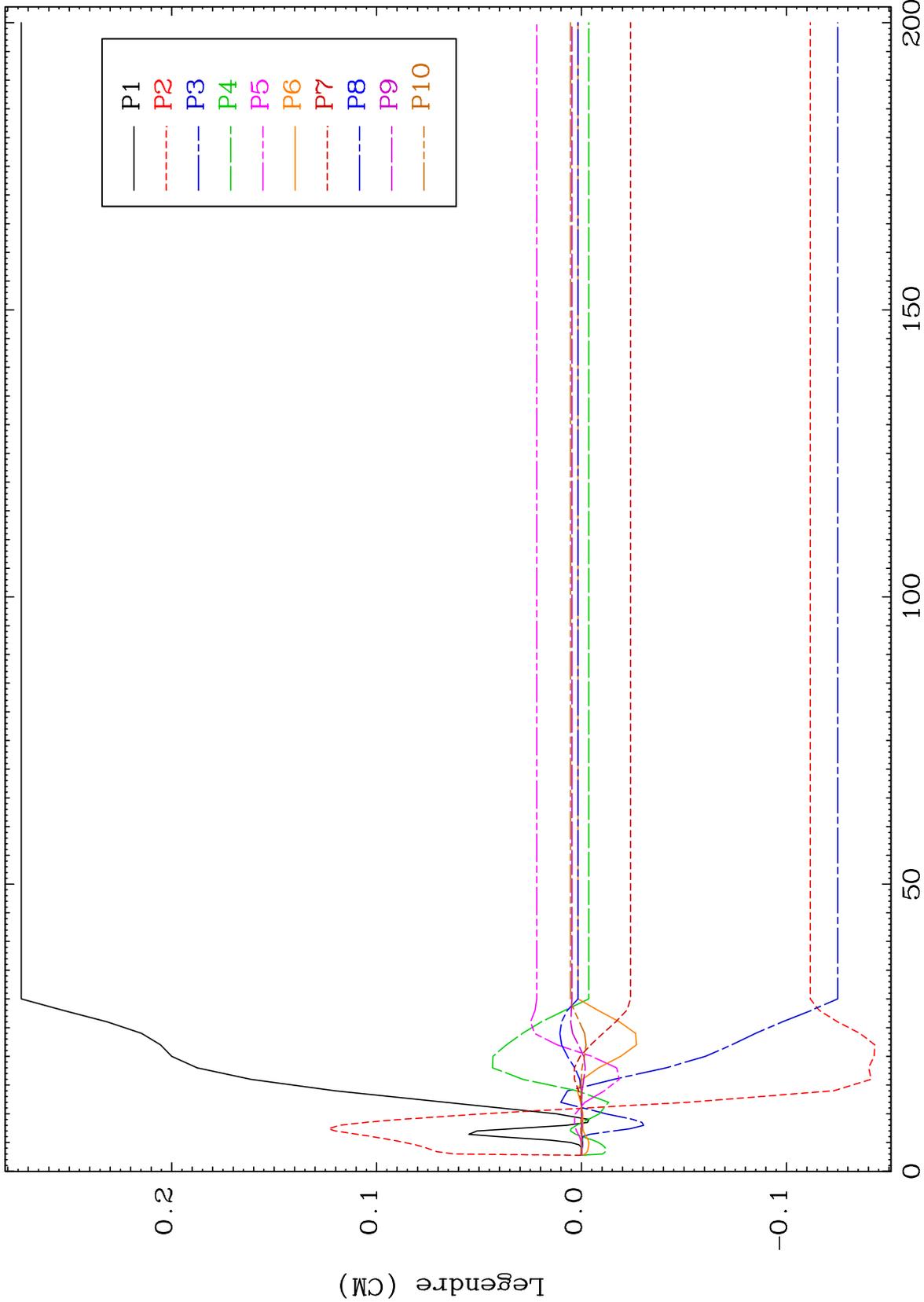
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



73

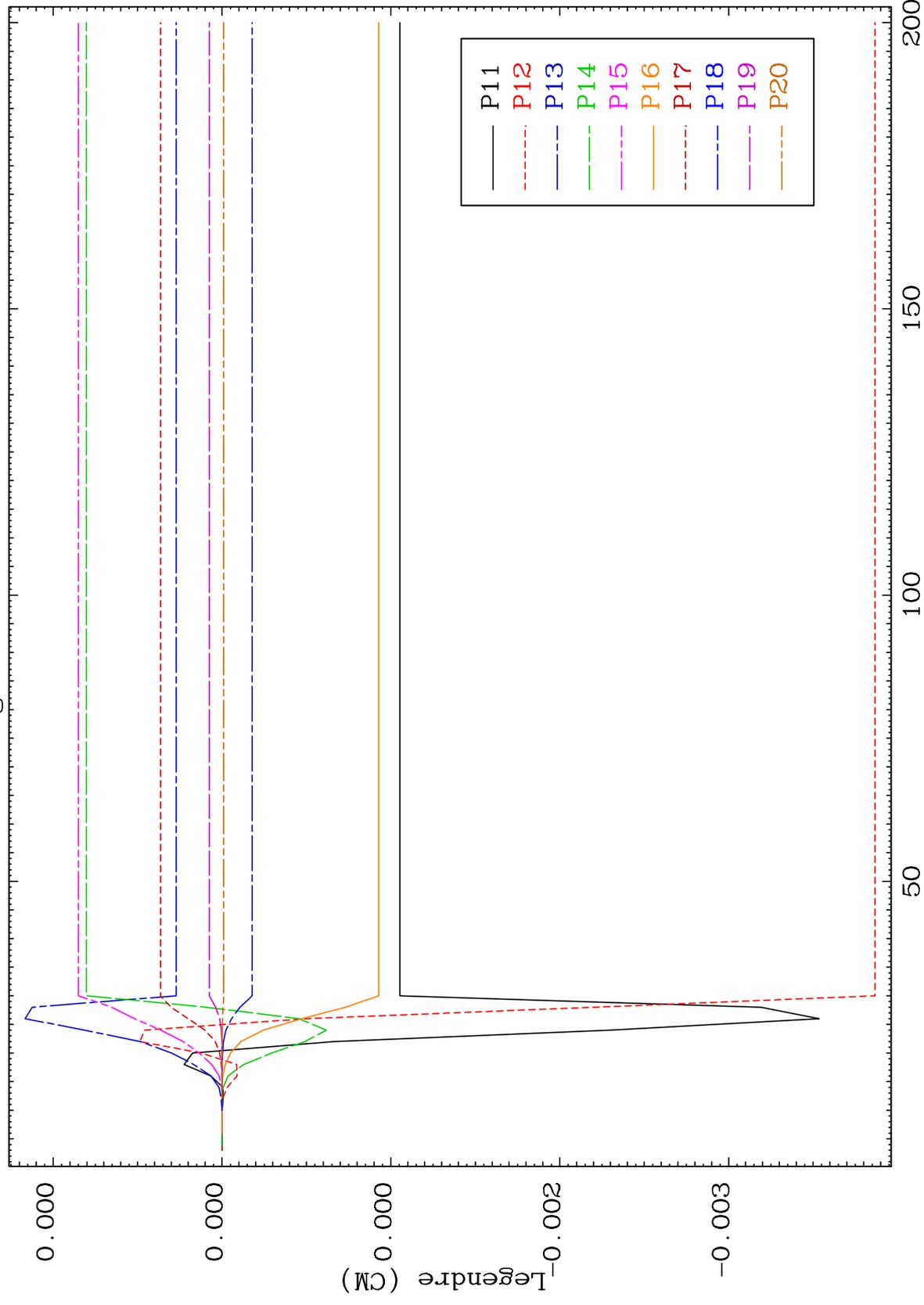
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



74

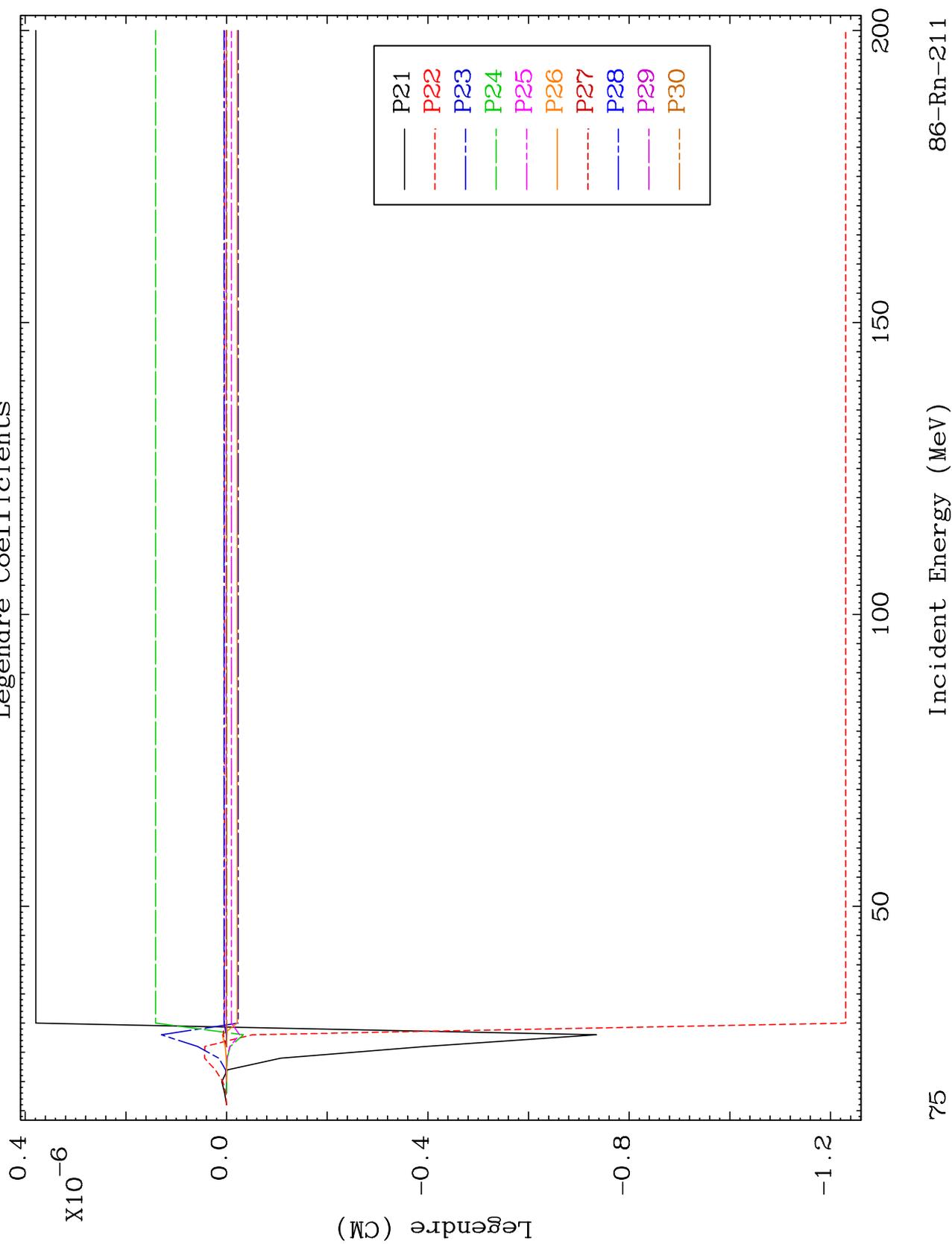
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



75

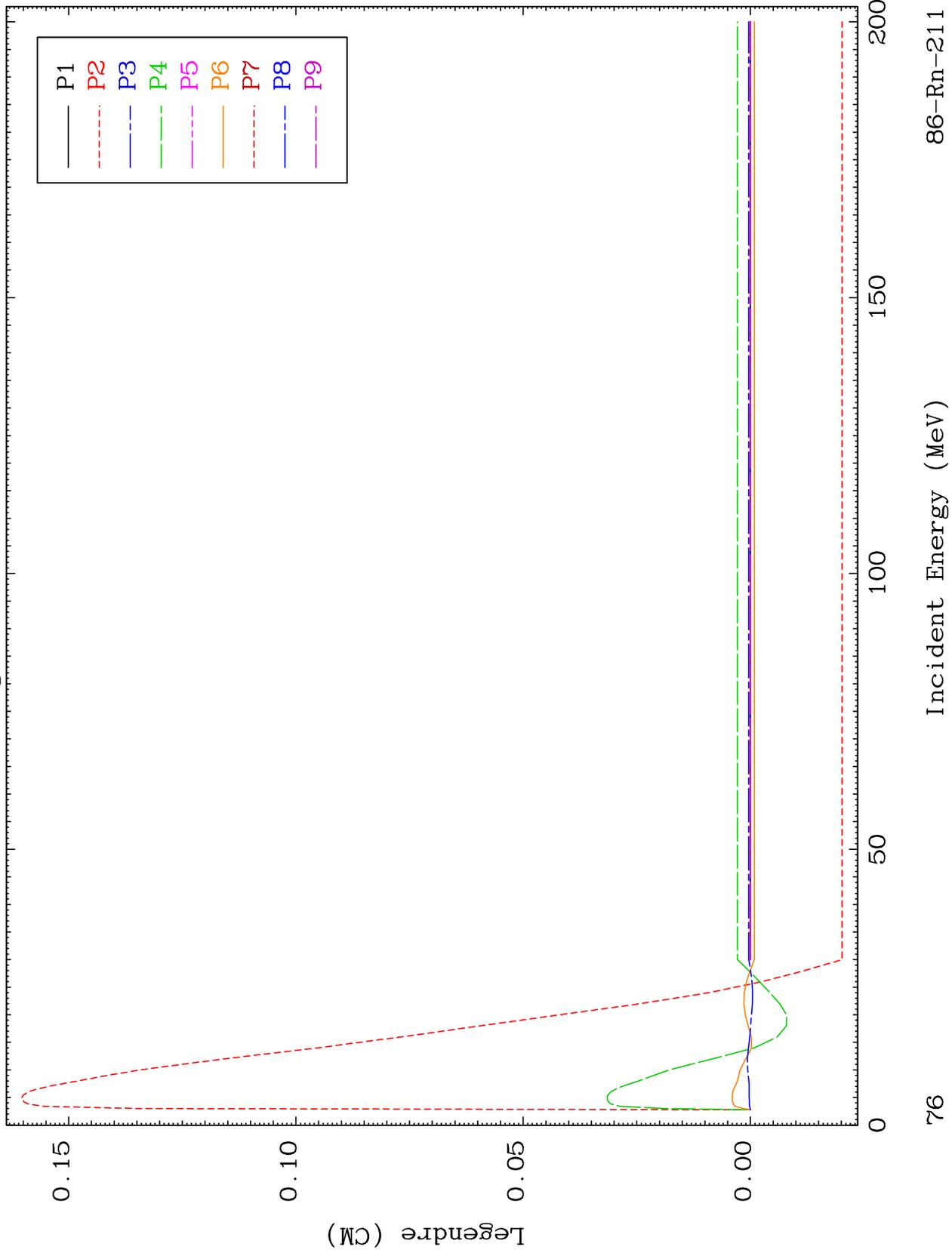
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



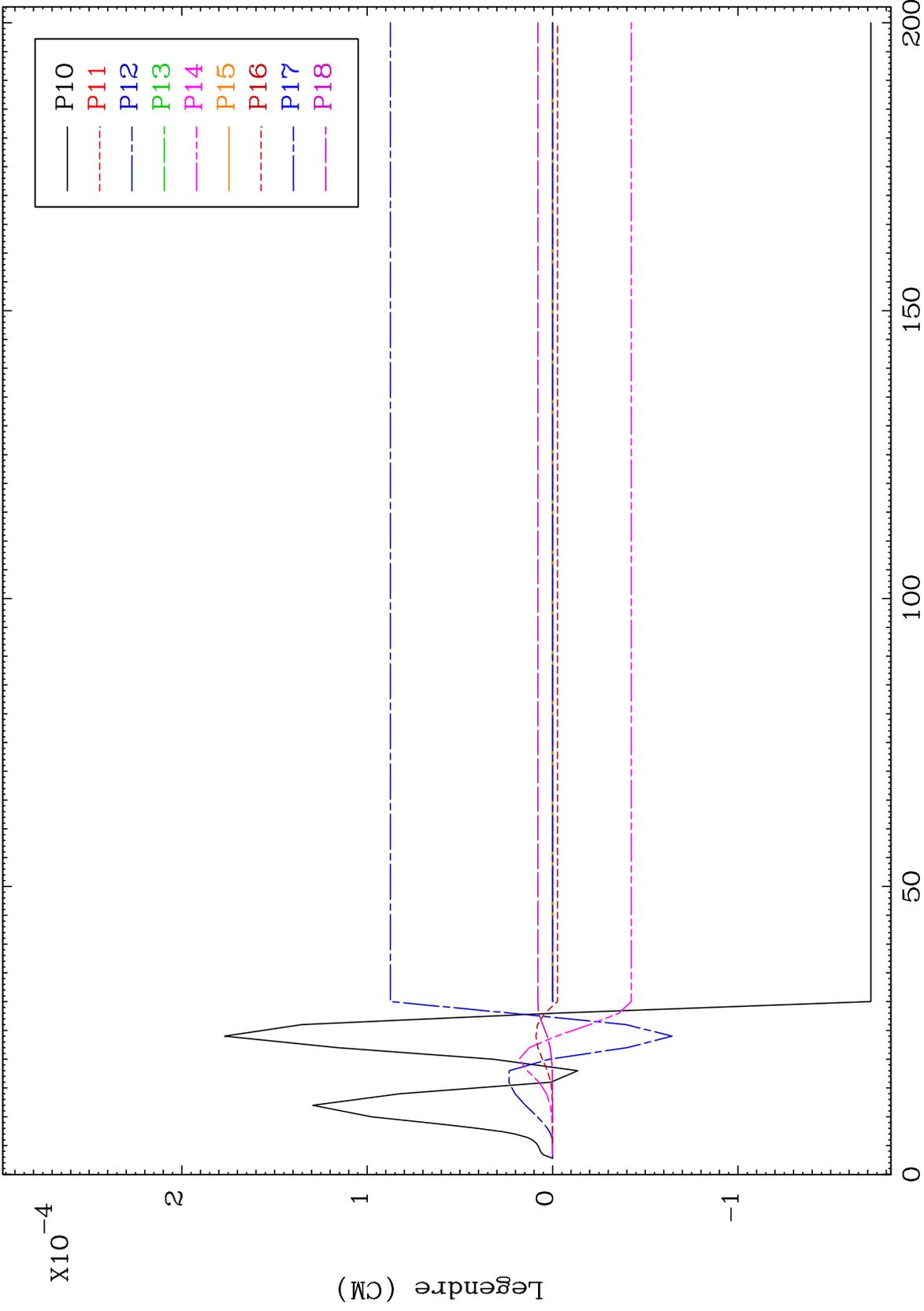
76

86-Rn-211

MAT 8625

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

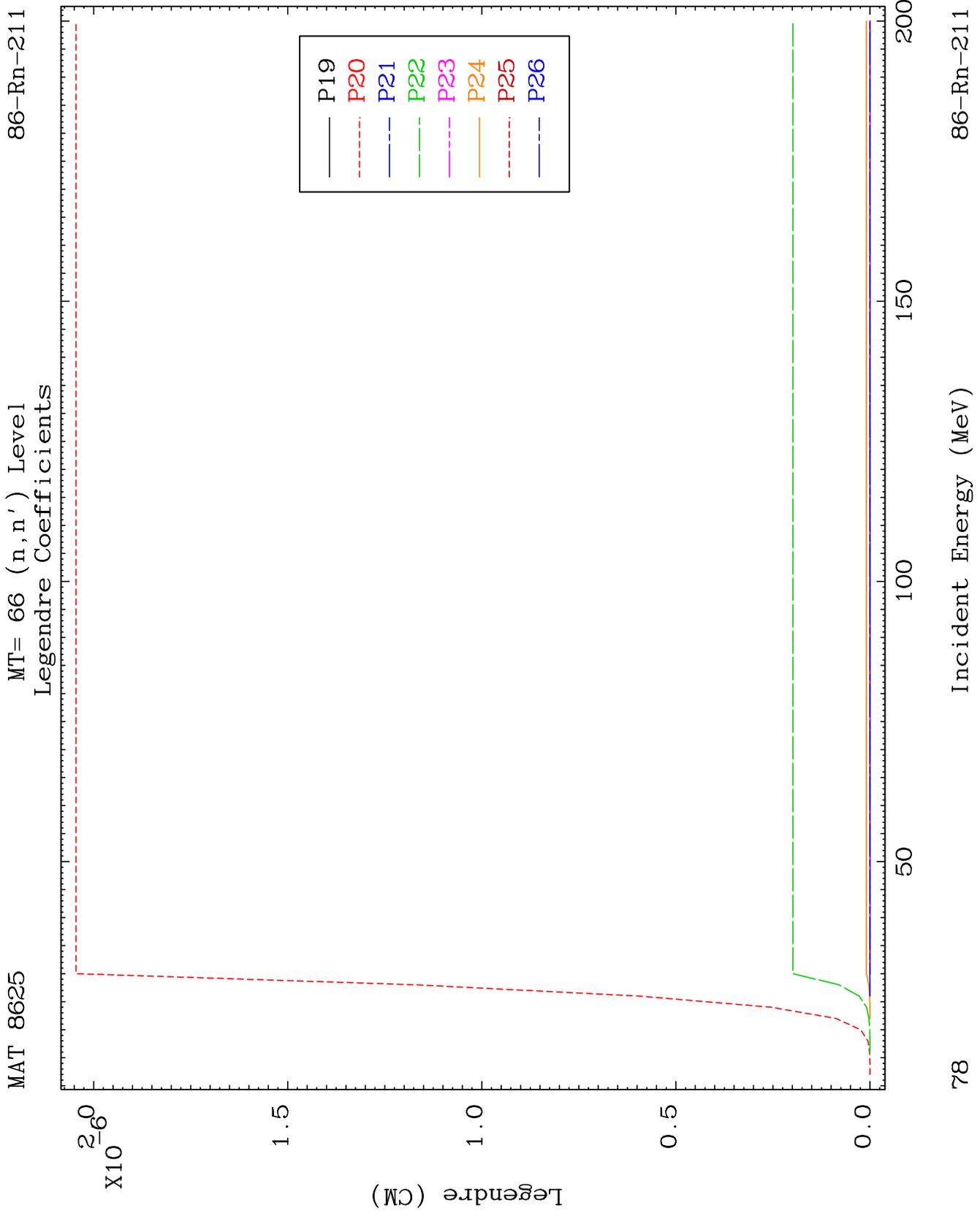
86-Rn-211



77

Incident Energy (MeV)

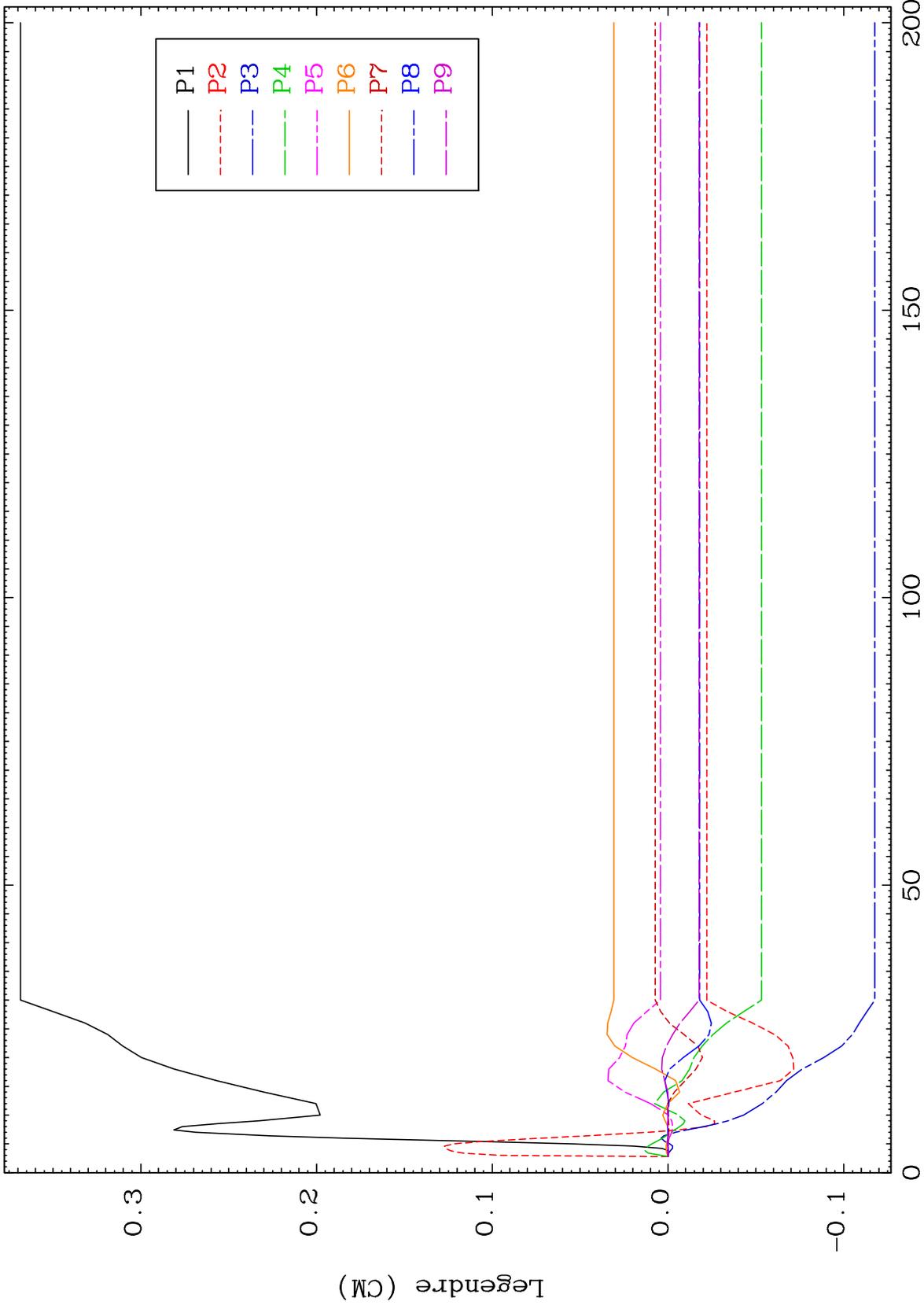
86-Rn-211



MAT 8625

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

86-Rn-211



79

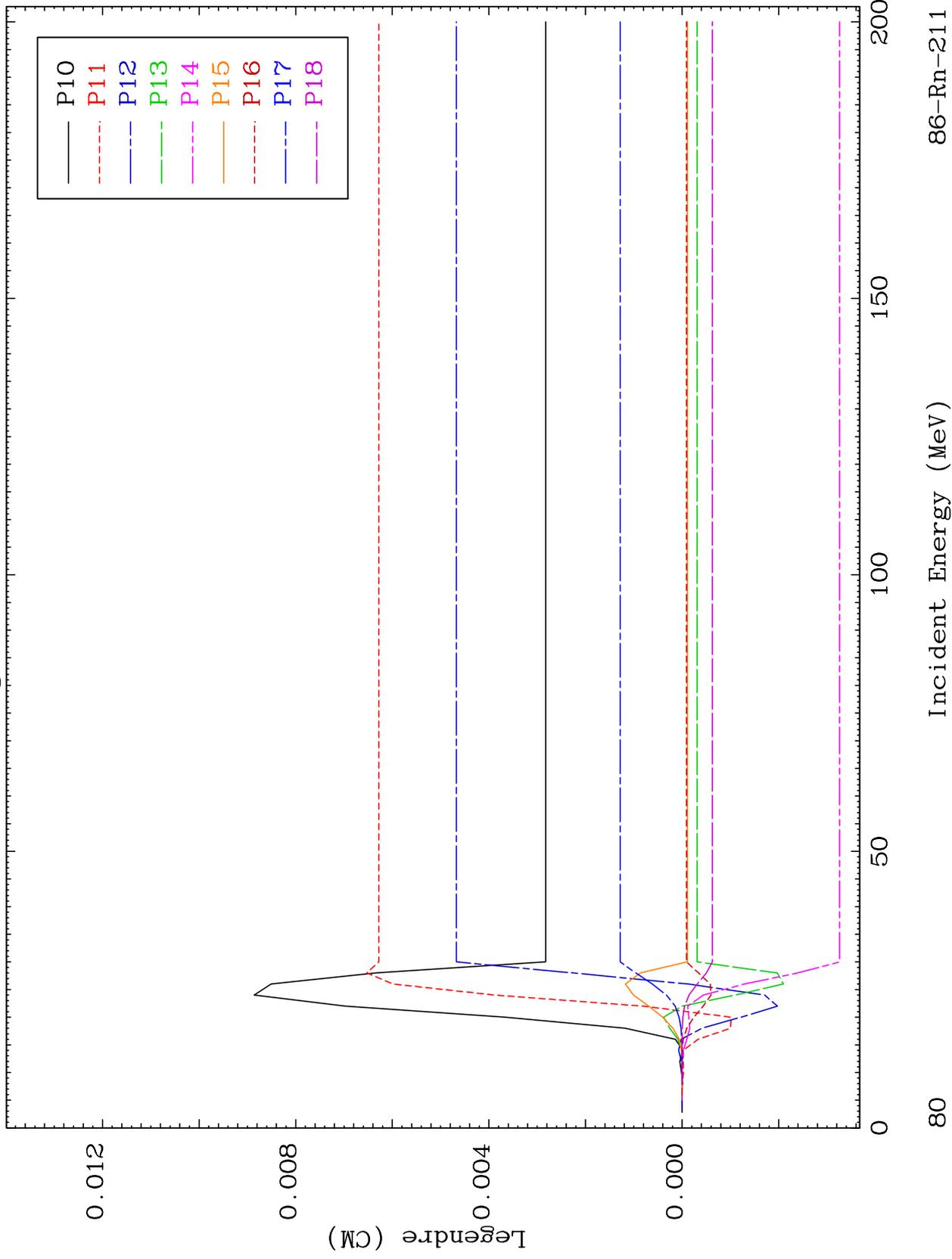
86-Rn-211

86-Rn-211

MAT 8625

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

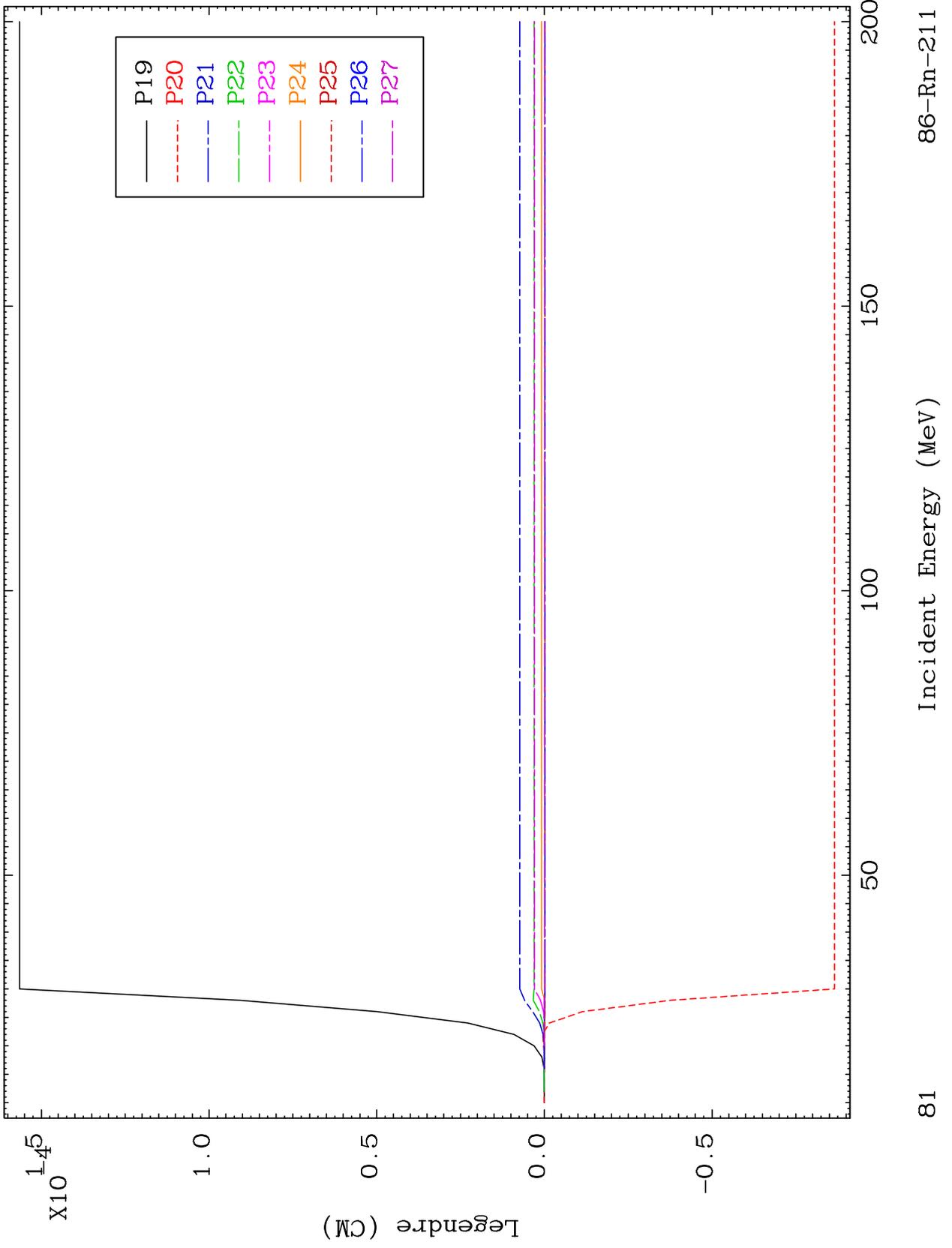
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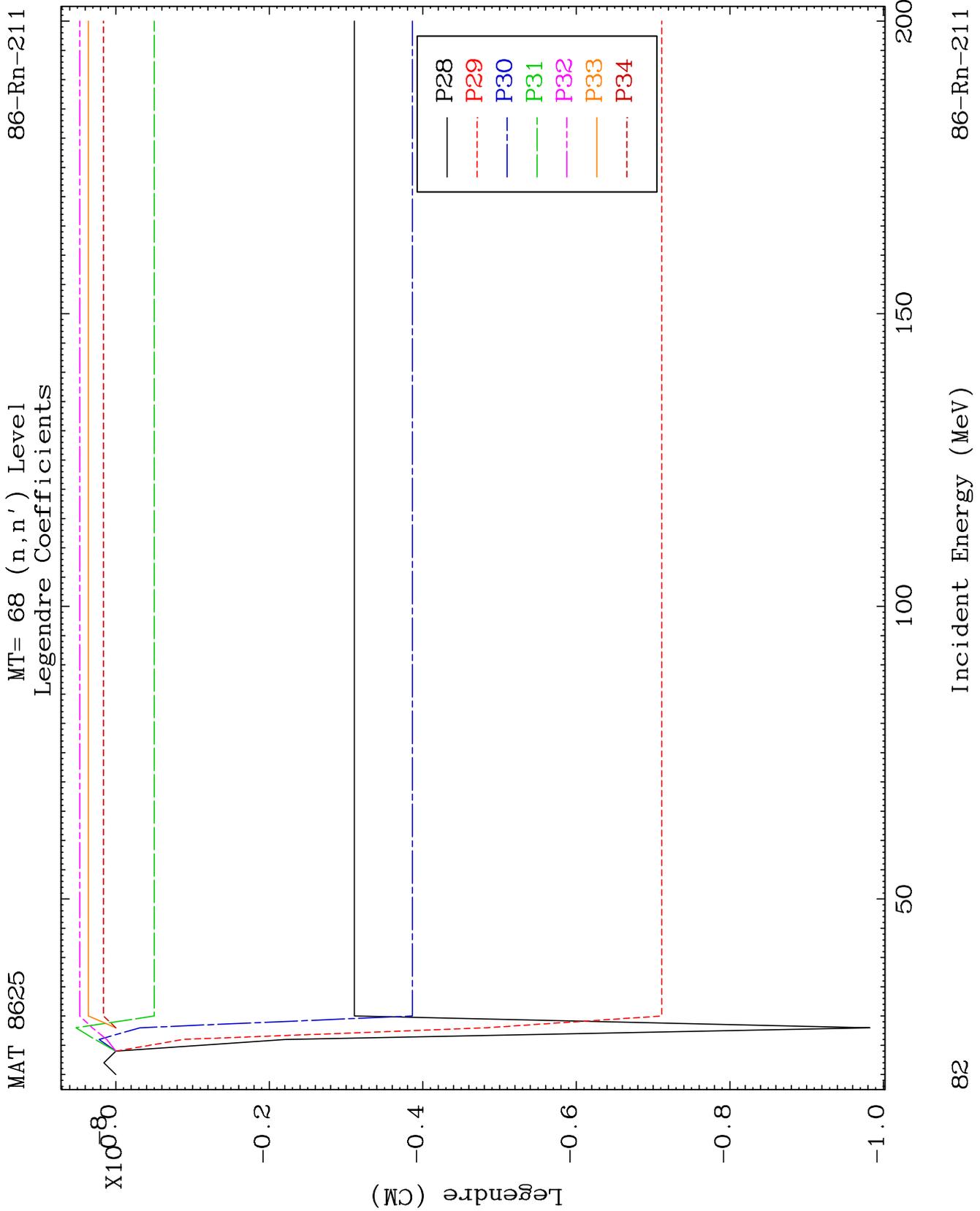


86-Rn-211

Incident Energy (MeV)

80

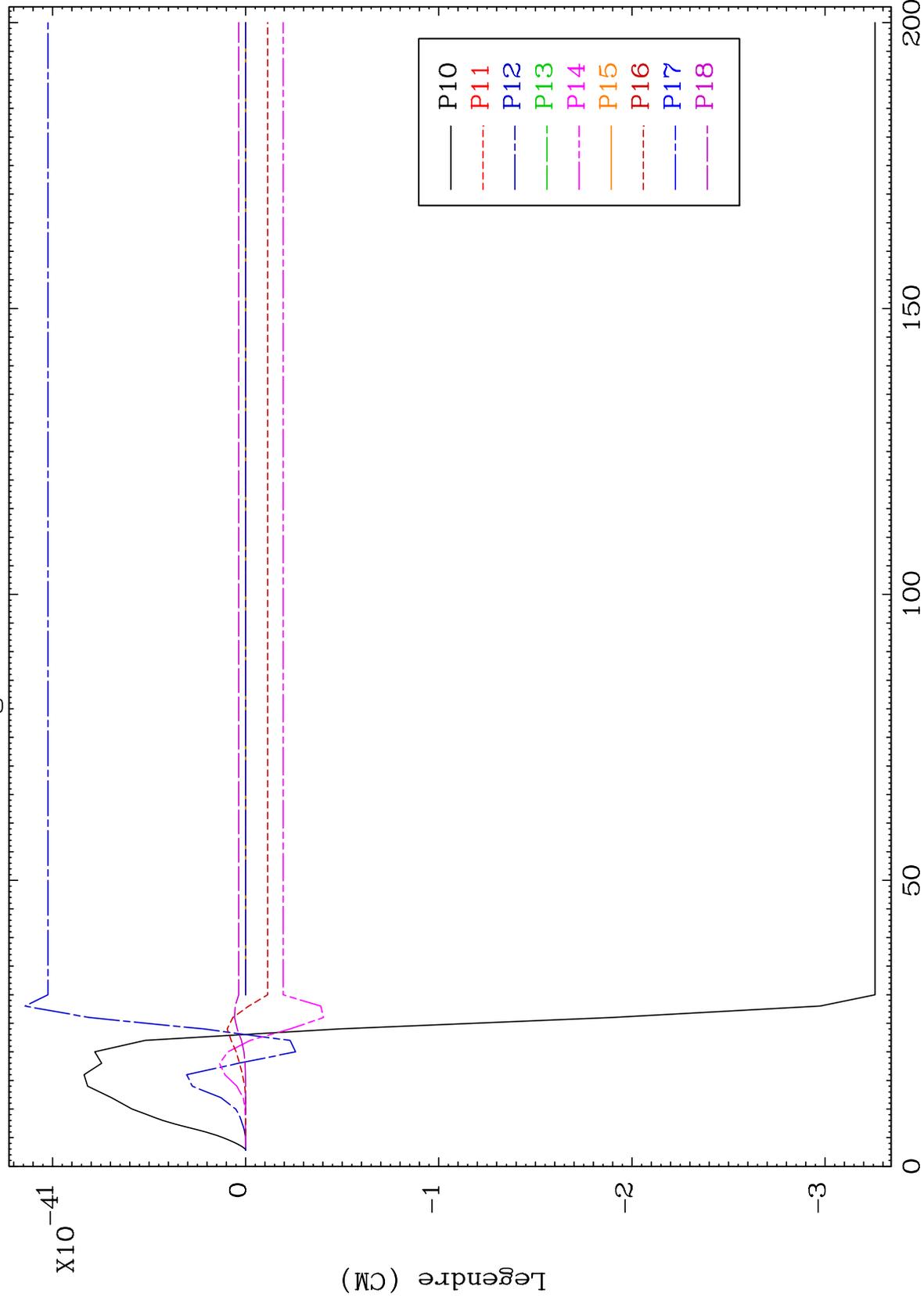




MAT 8625

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

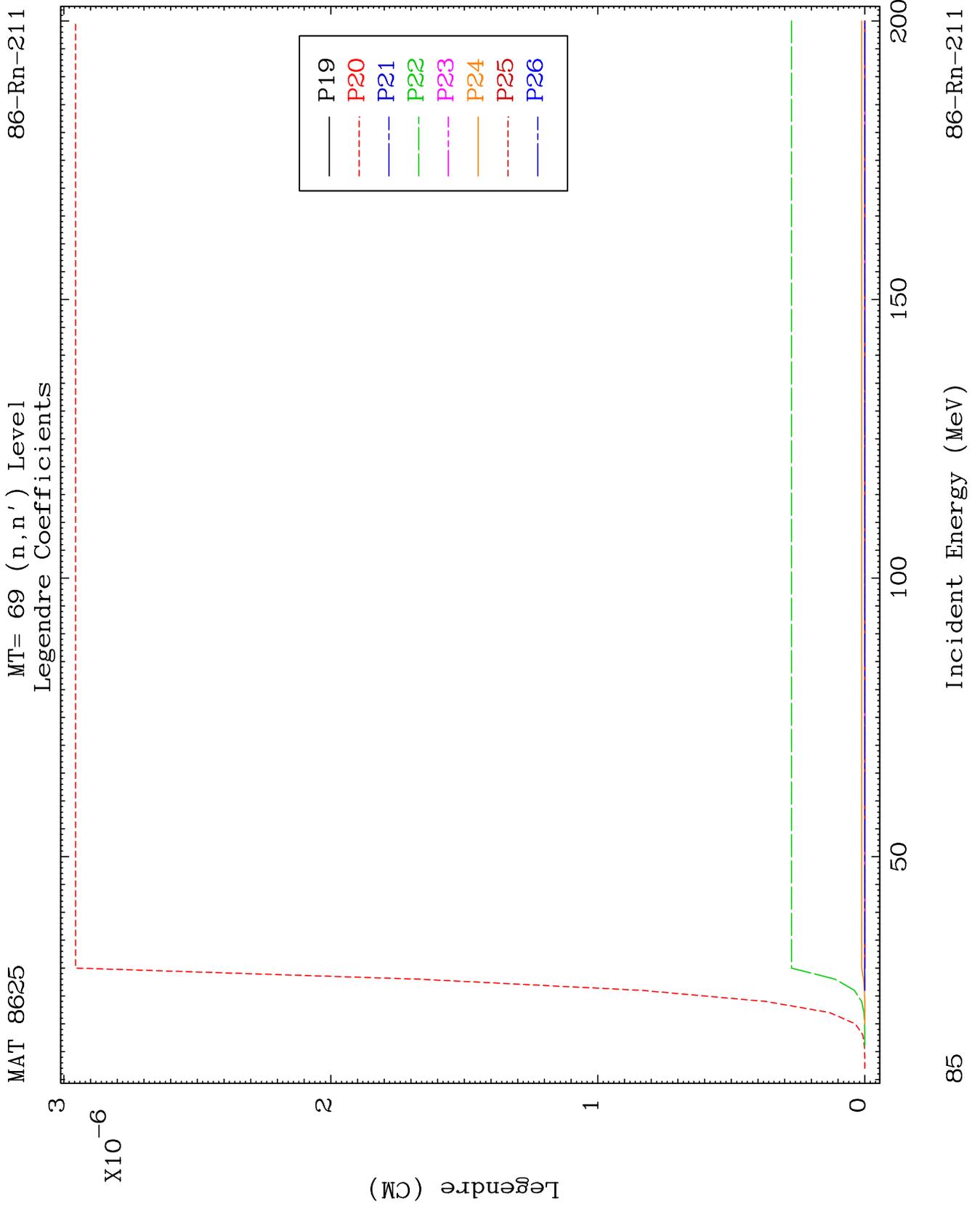
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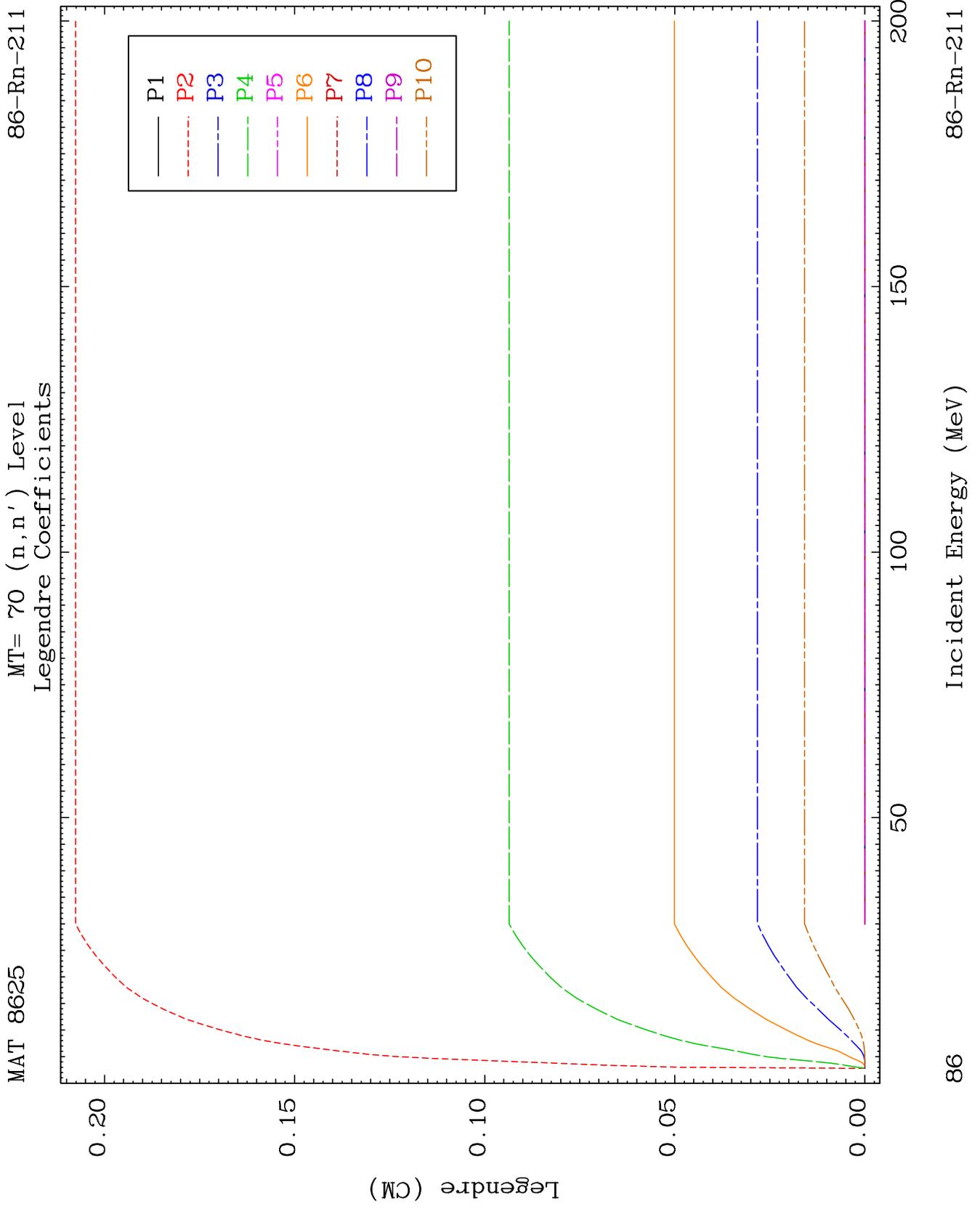


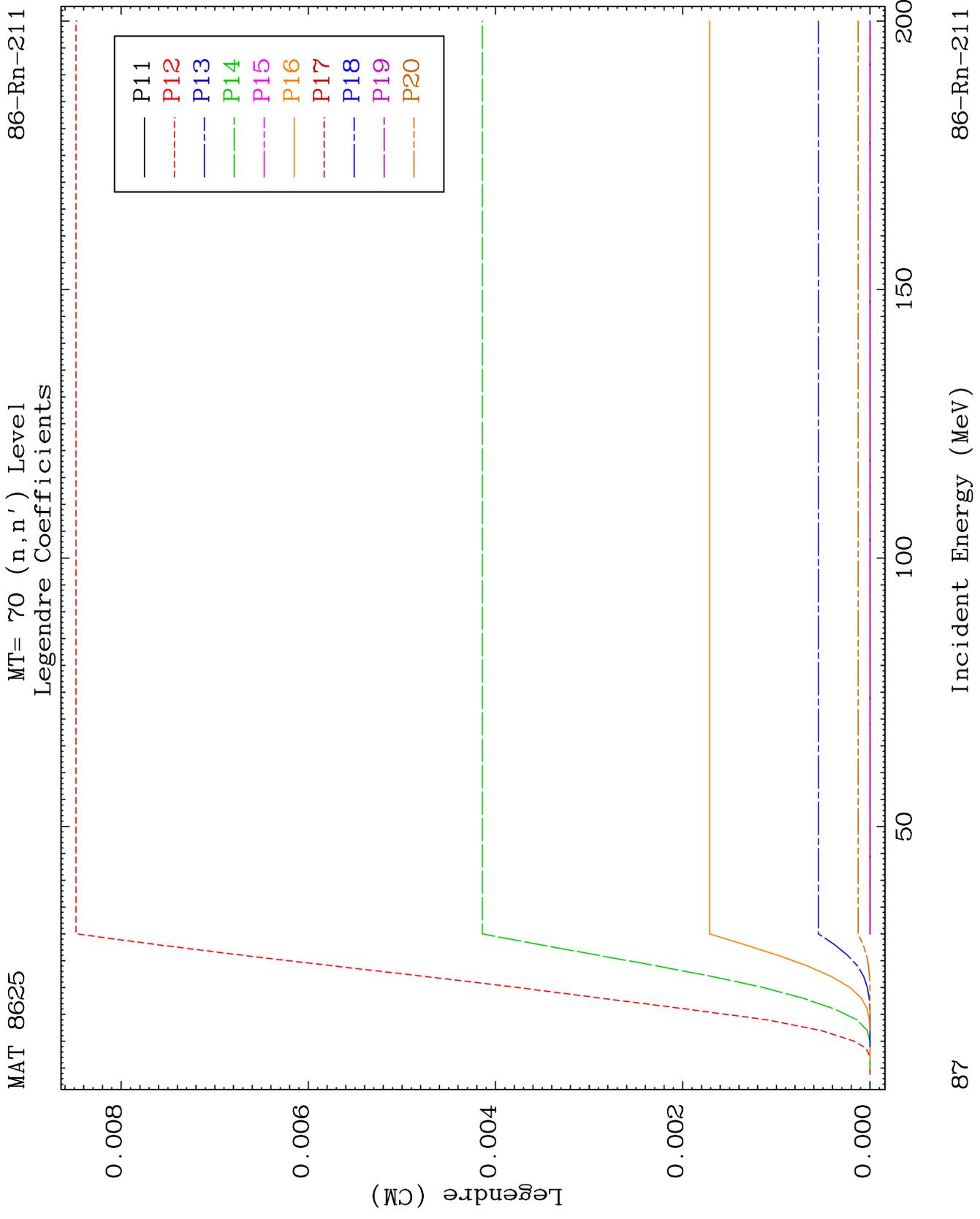
84

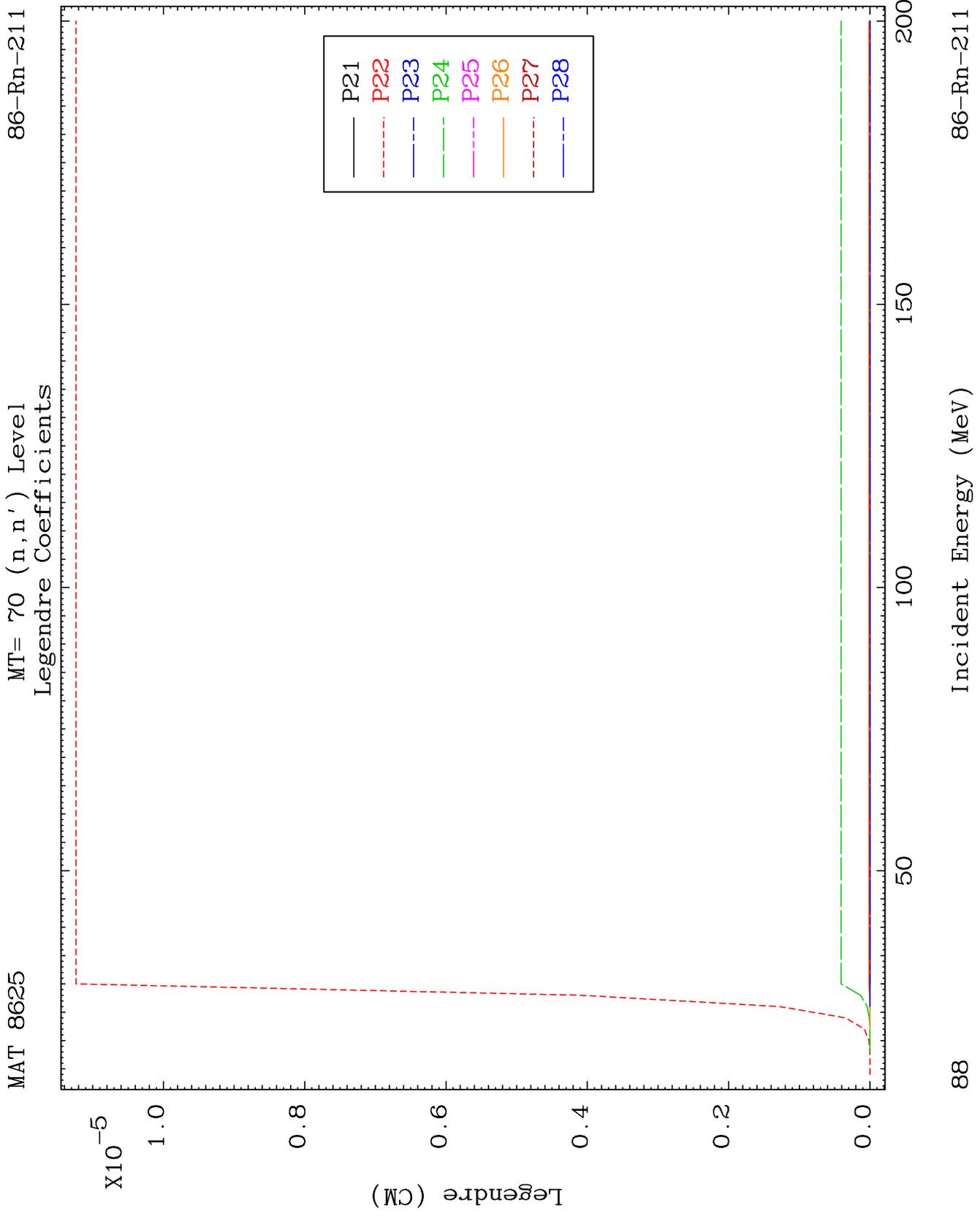
Incident Energy (MeV)

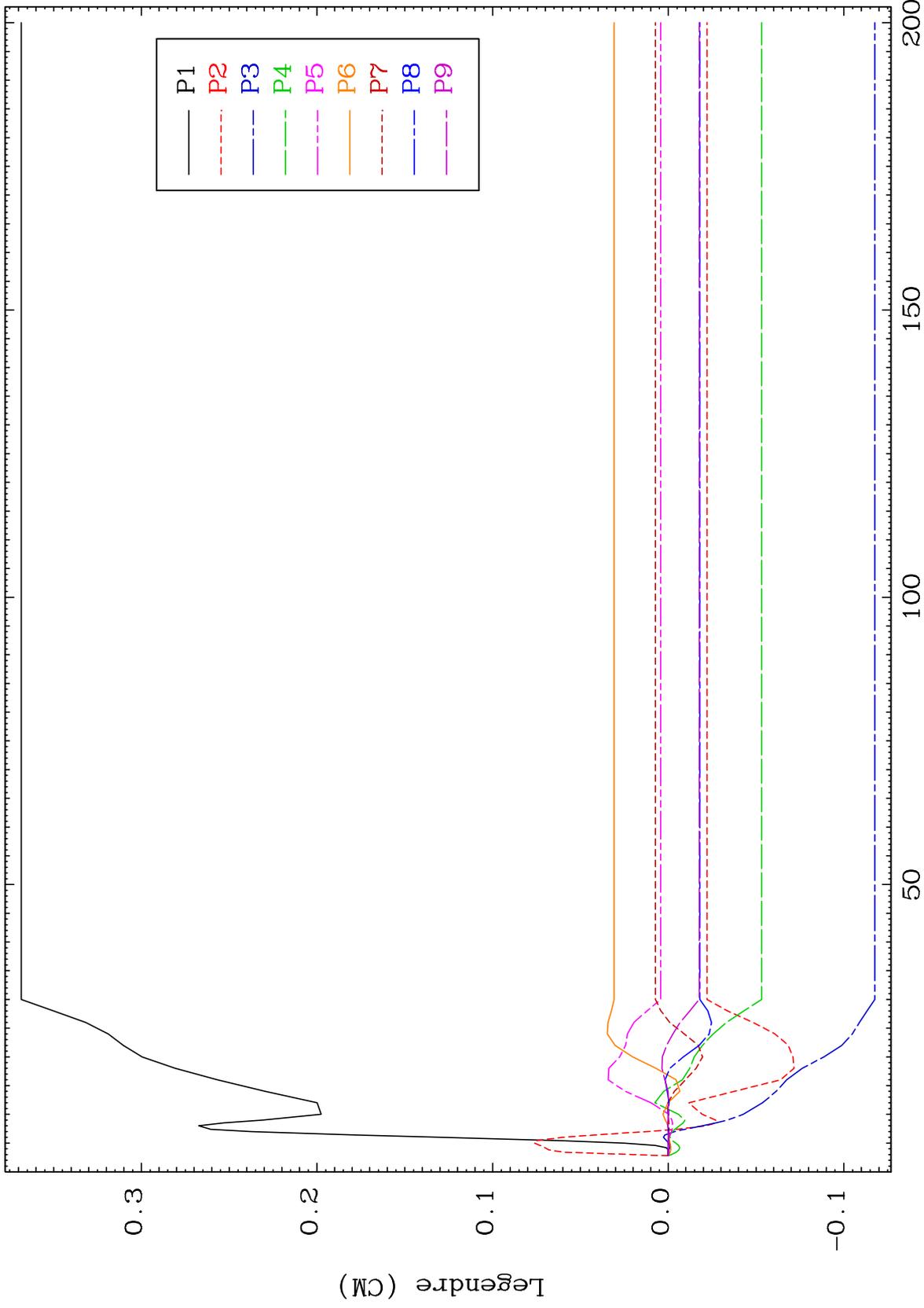
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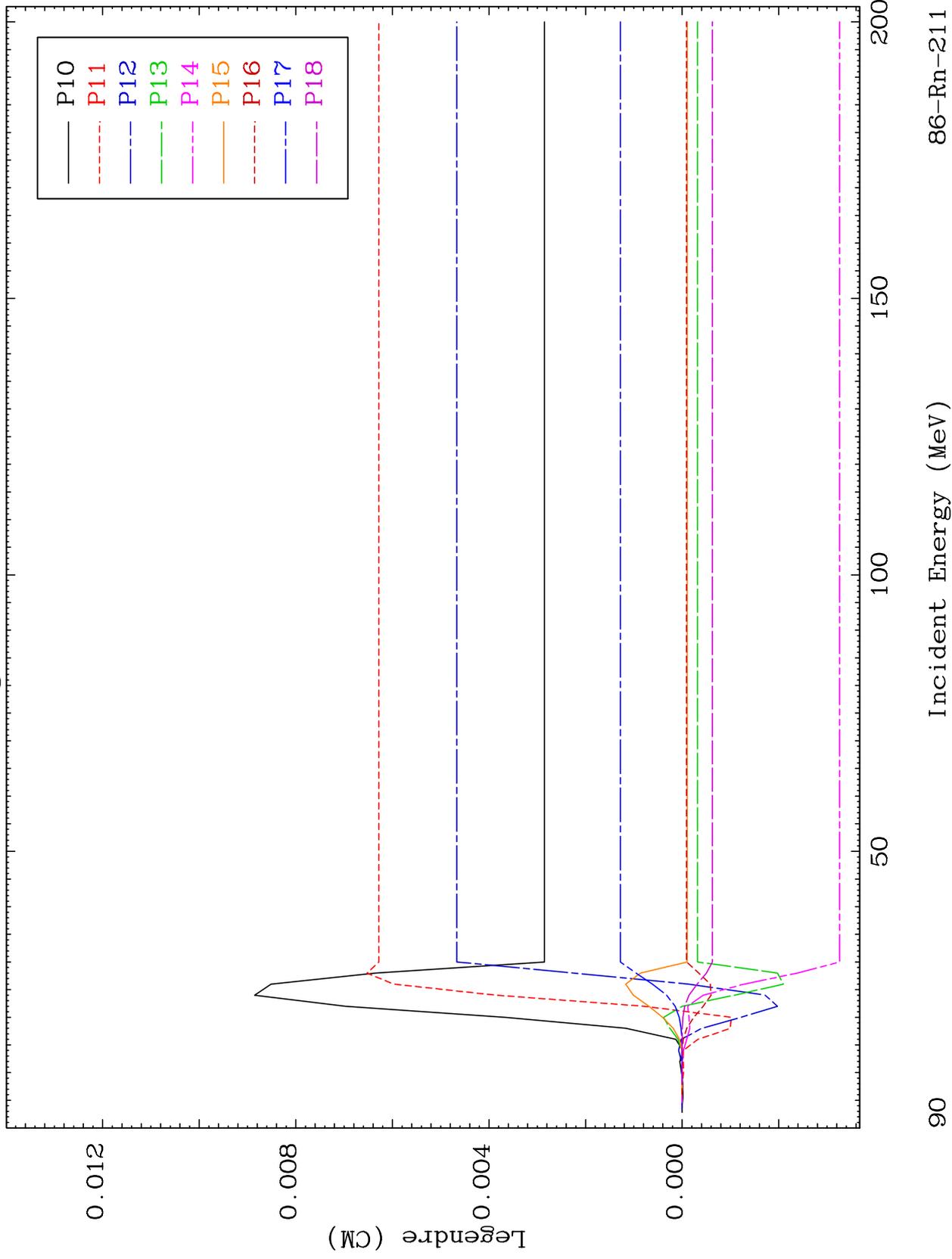




MAT 8625

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

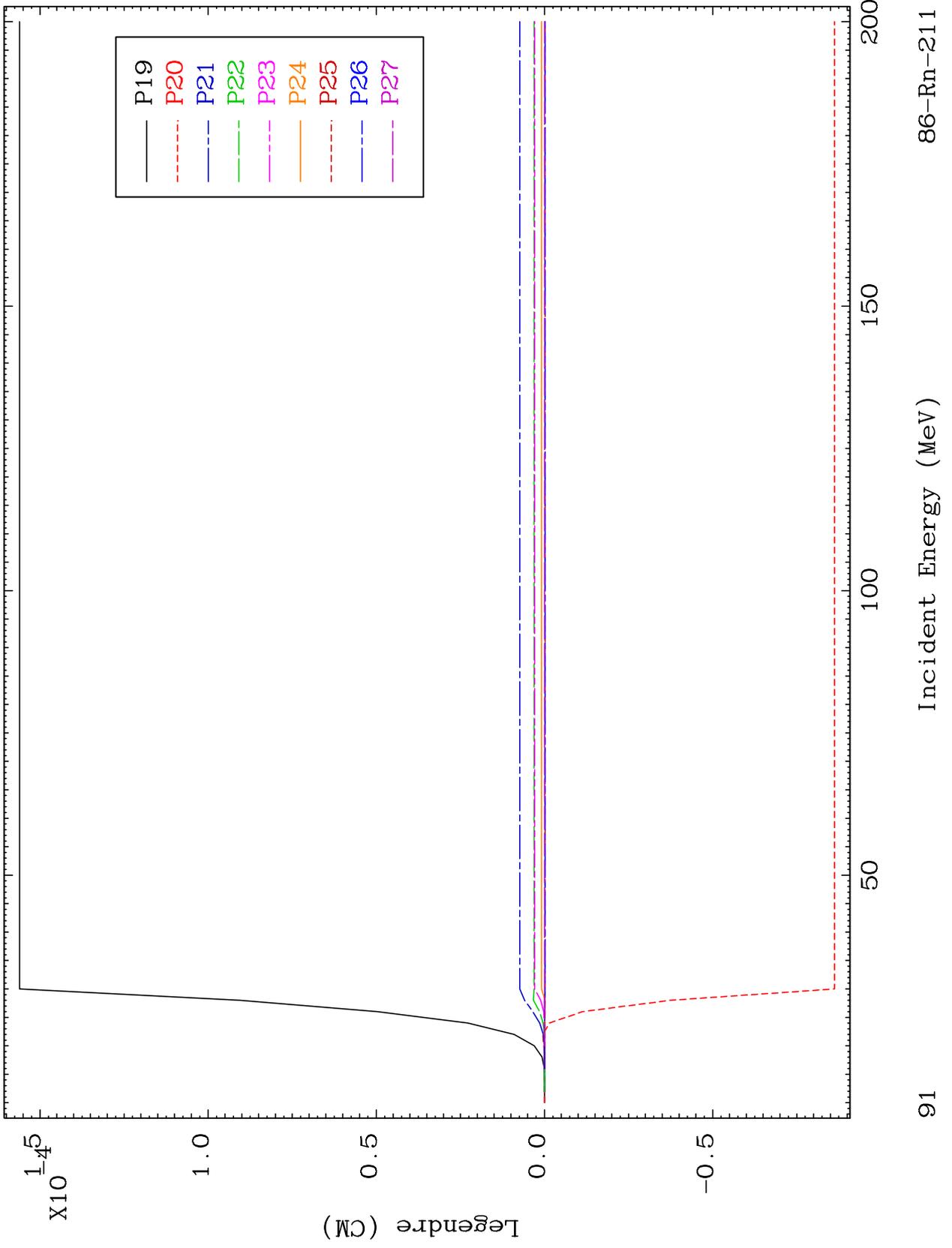
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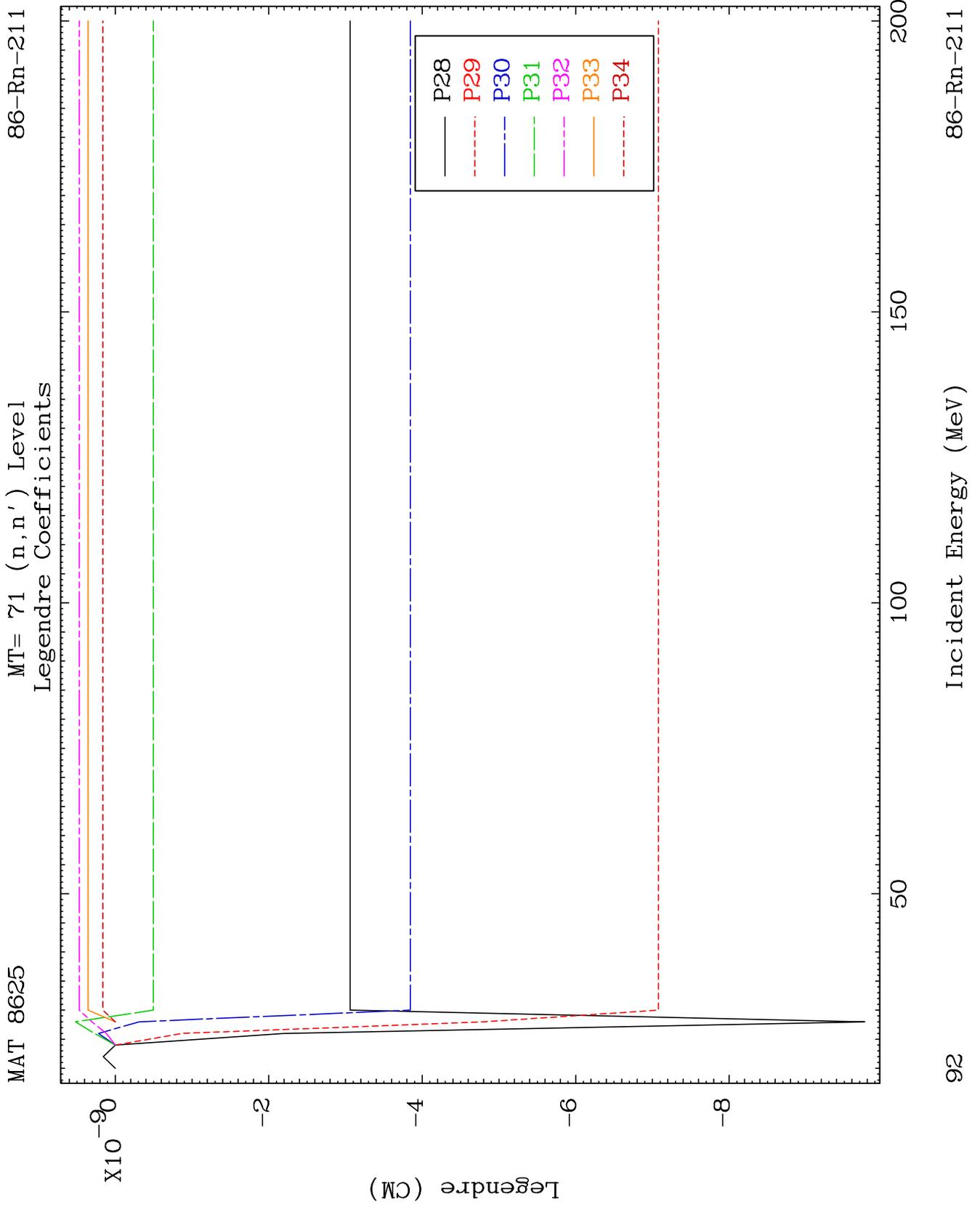


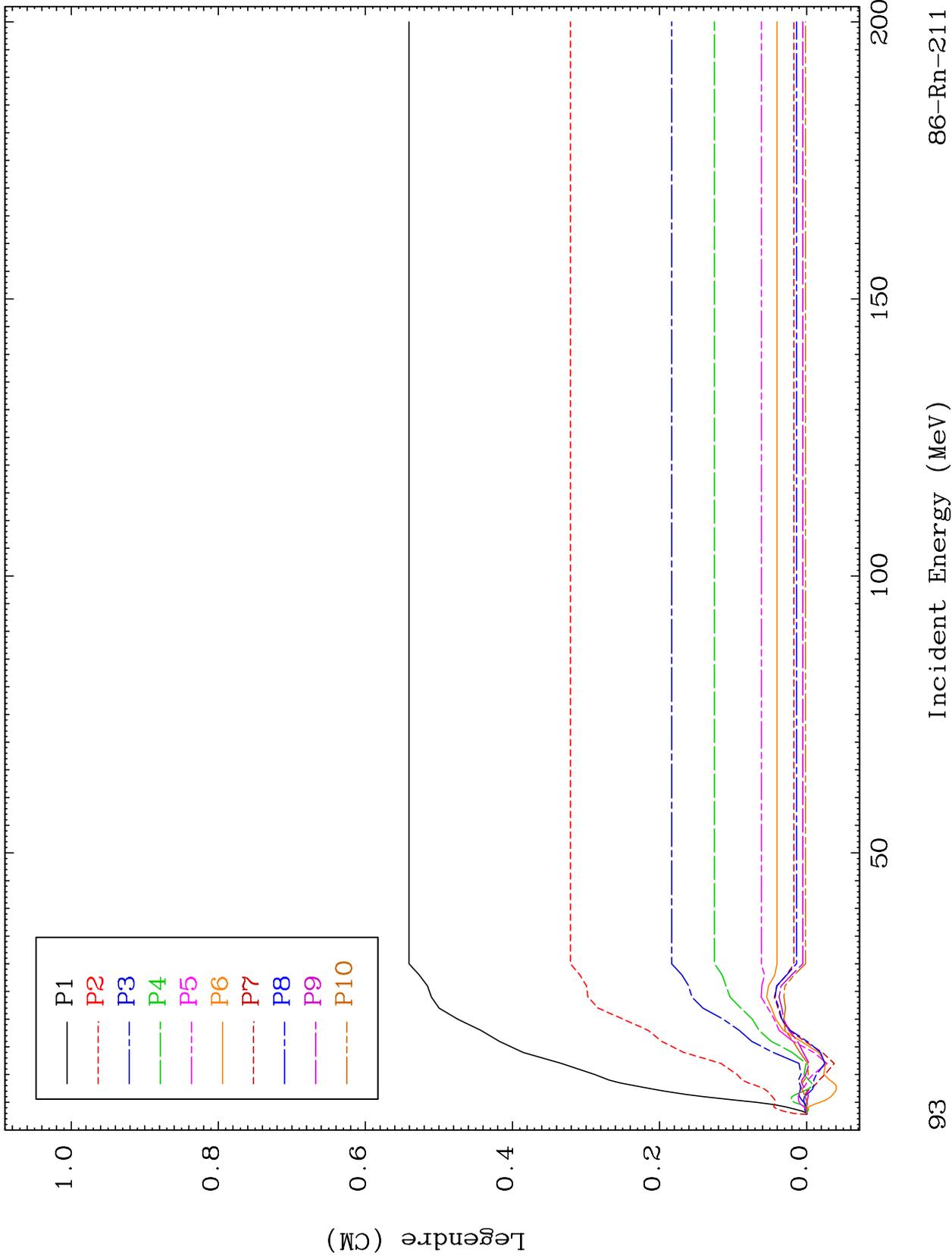
86-Rn-211

Incident Energy (MeV)

90



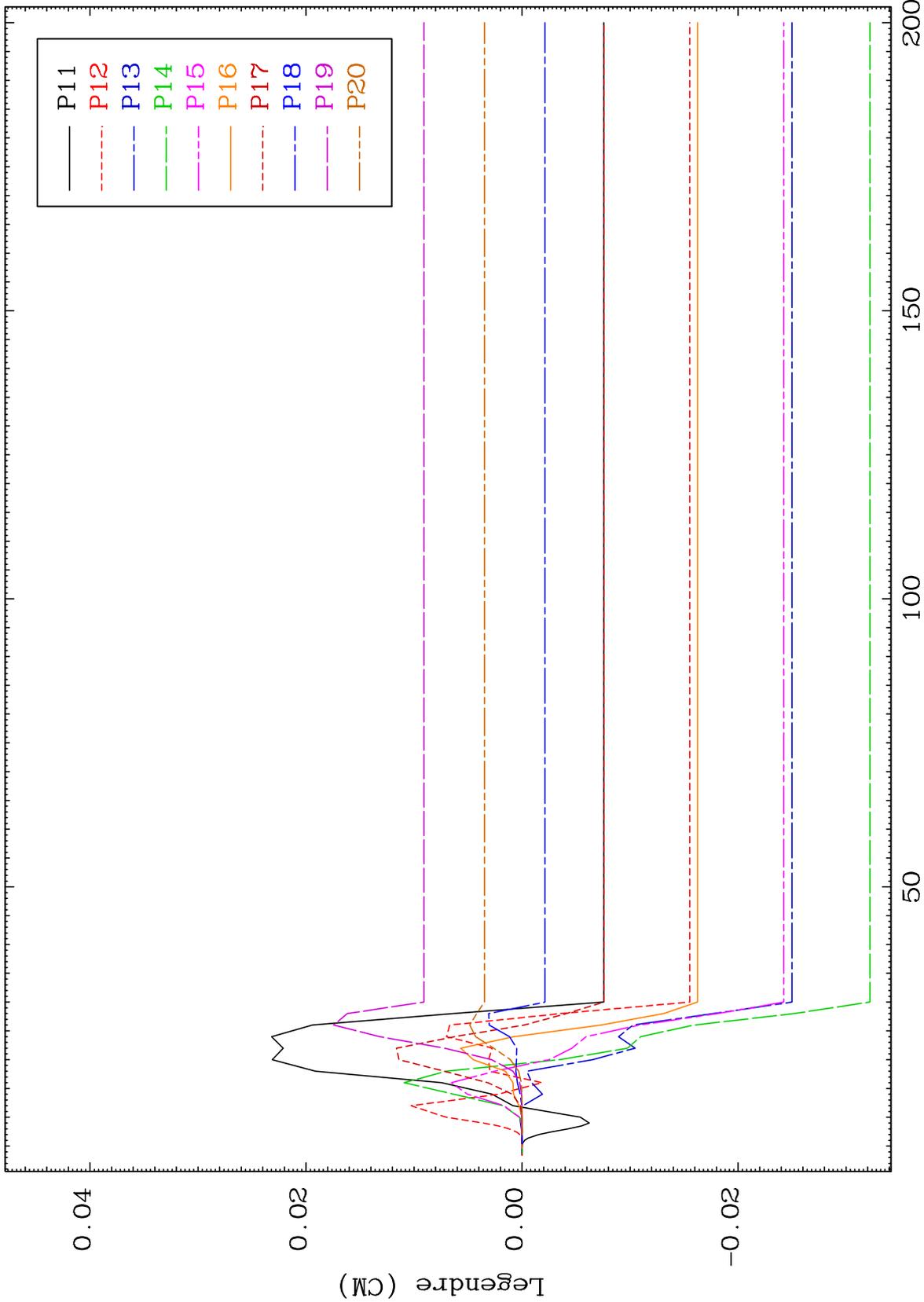




MAT 8625

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

86-Rn-211



94

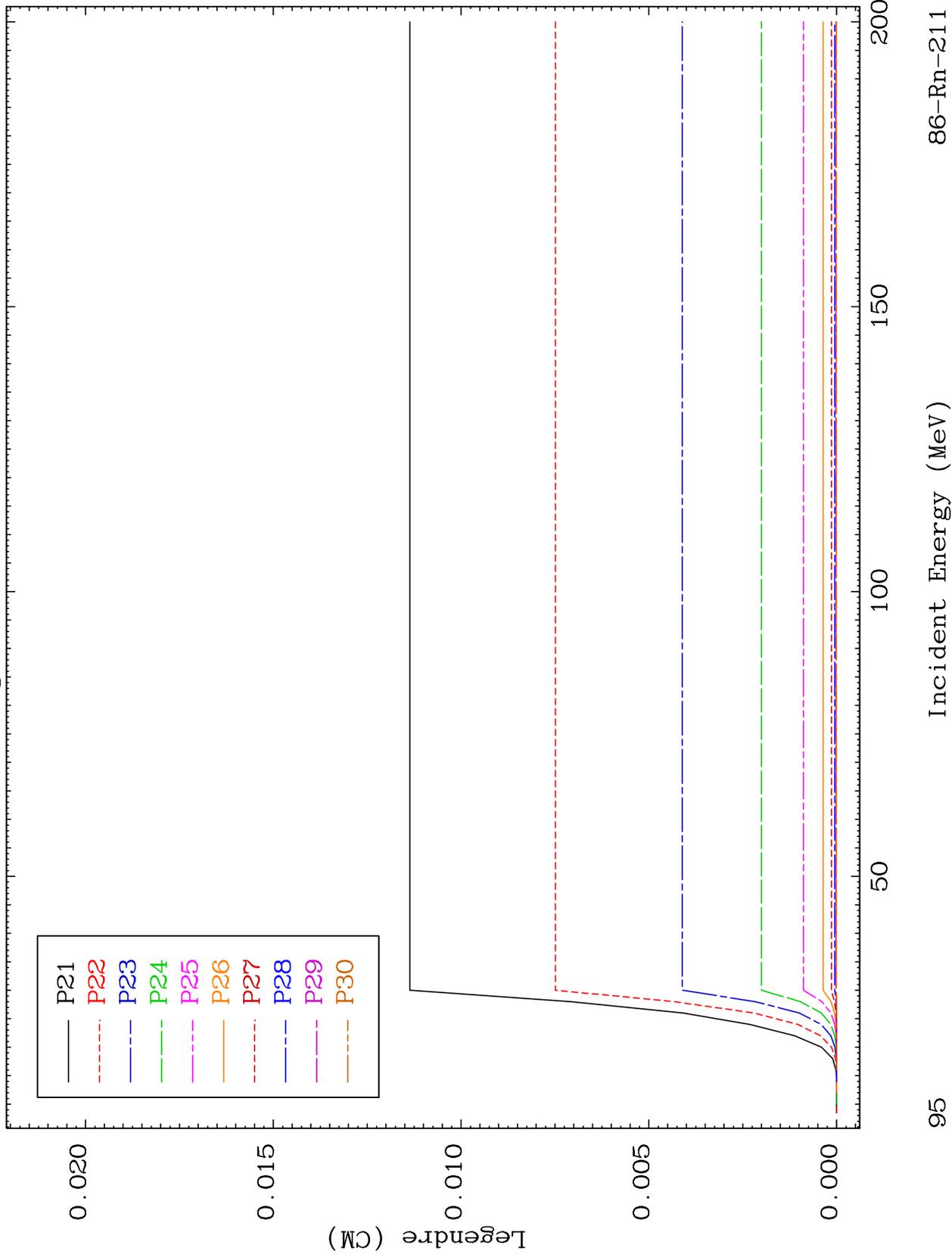
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



95

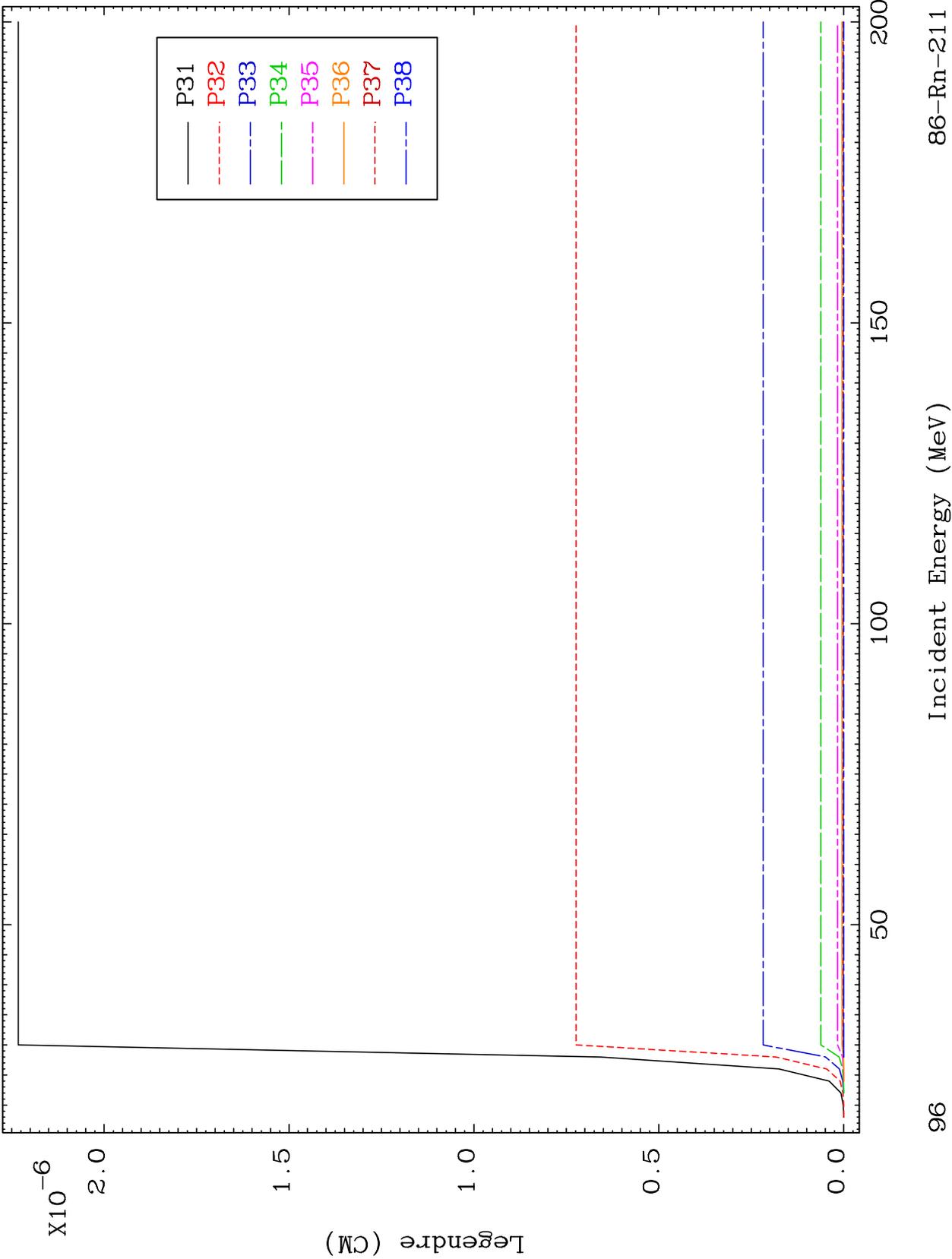
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

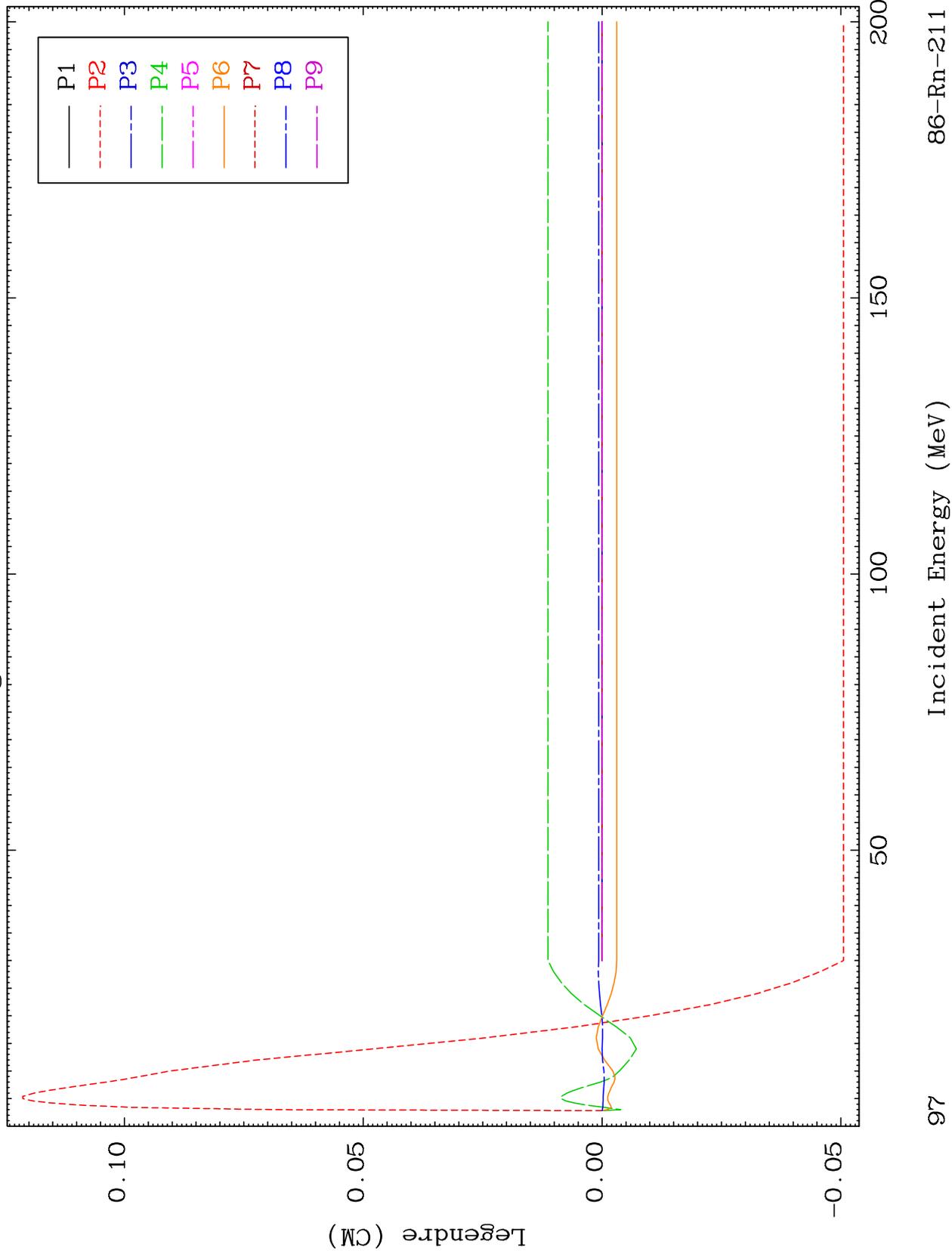
86-Rn-211



MAT 8625

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

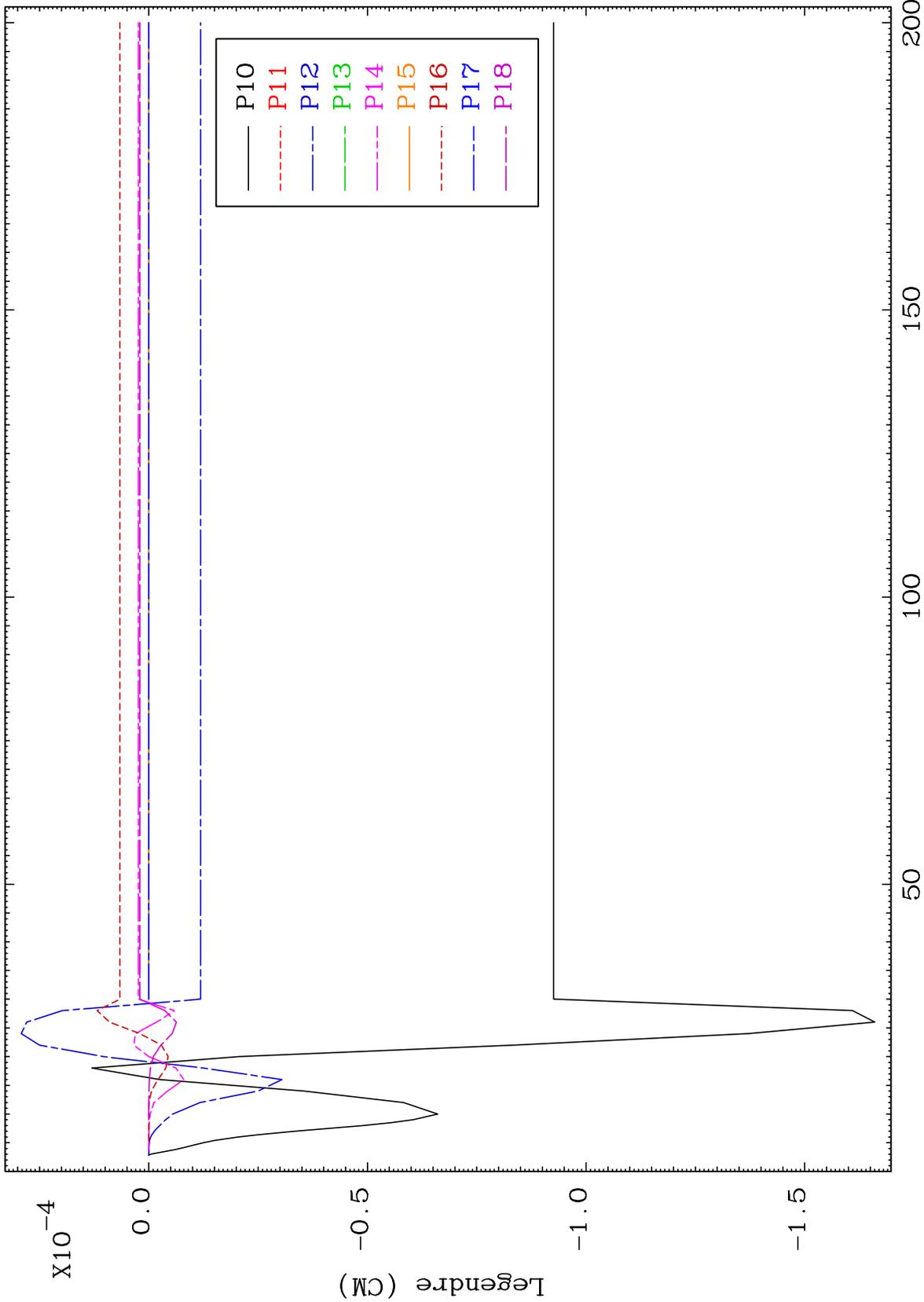
86-Rn-211



MAT 8625

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

86-Rn-211



98

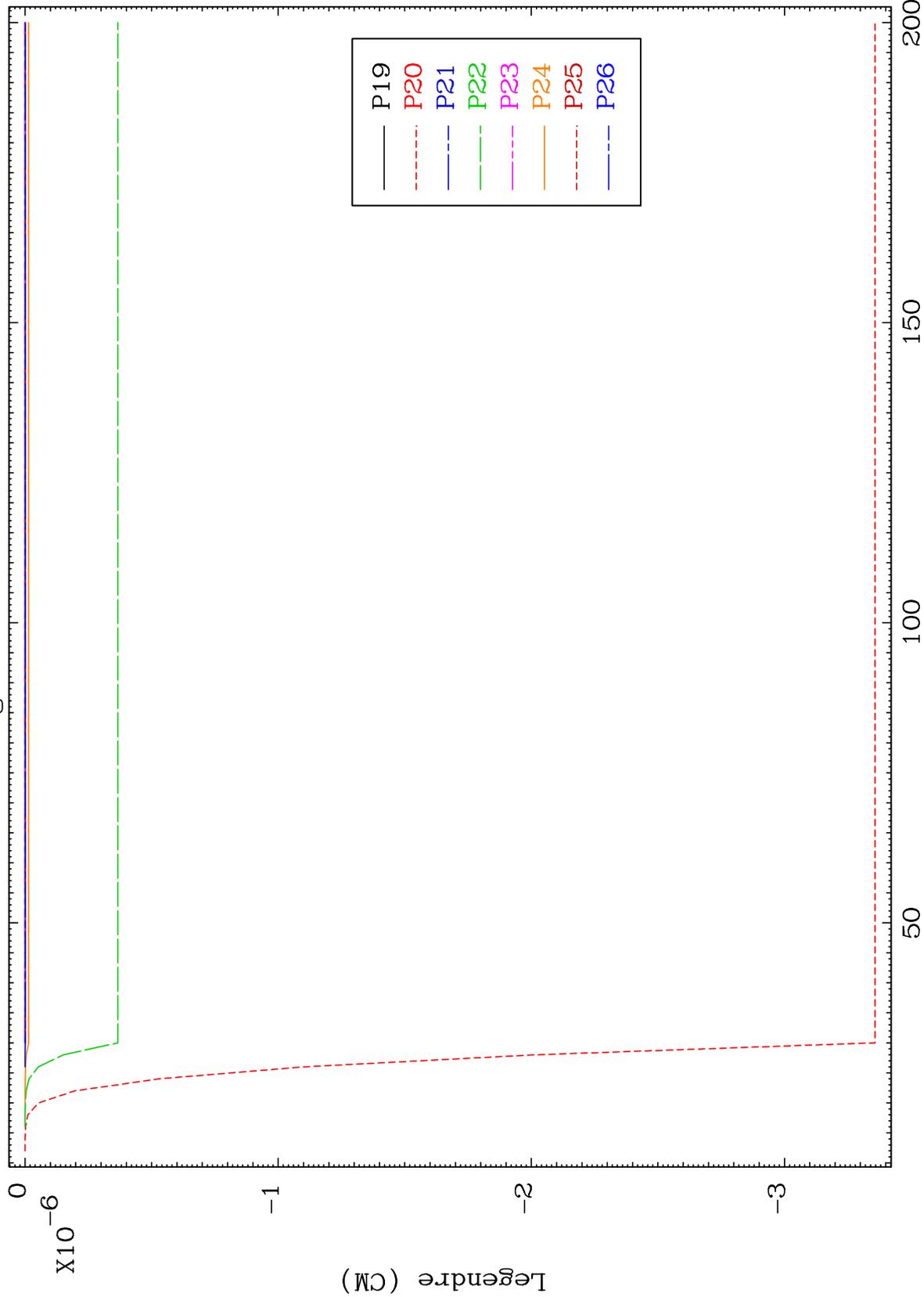
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

86-Rn-211



99

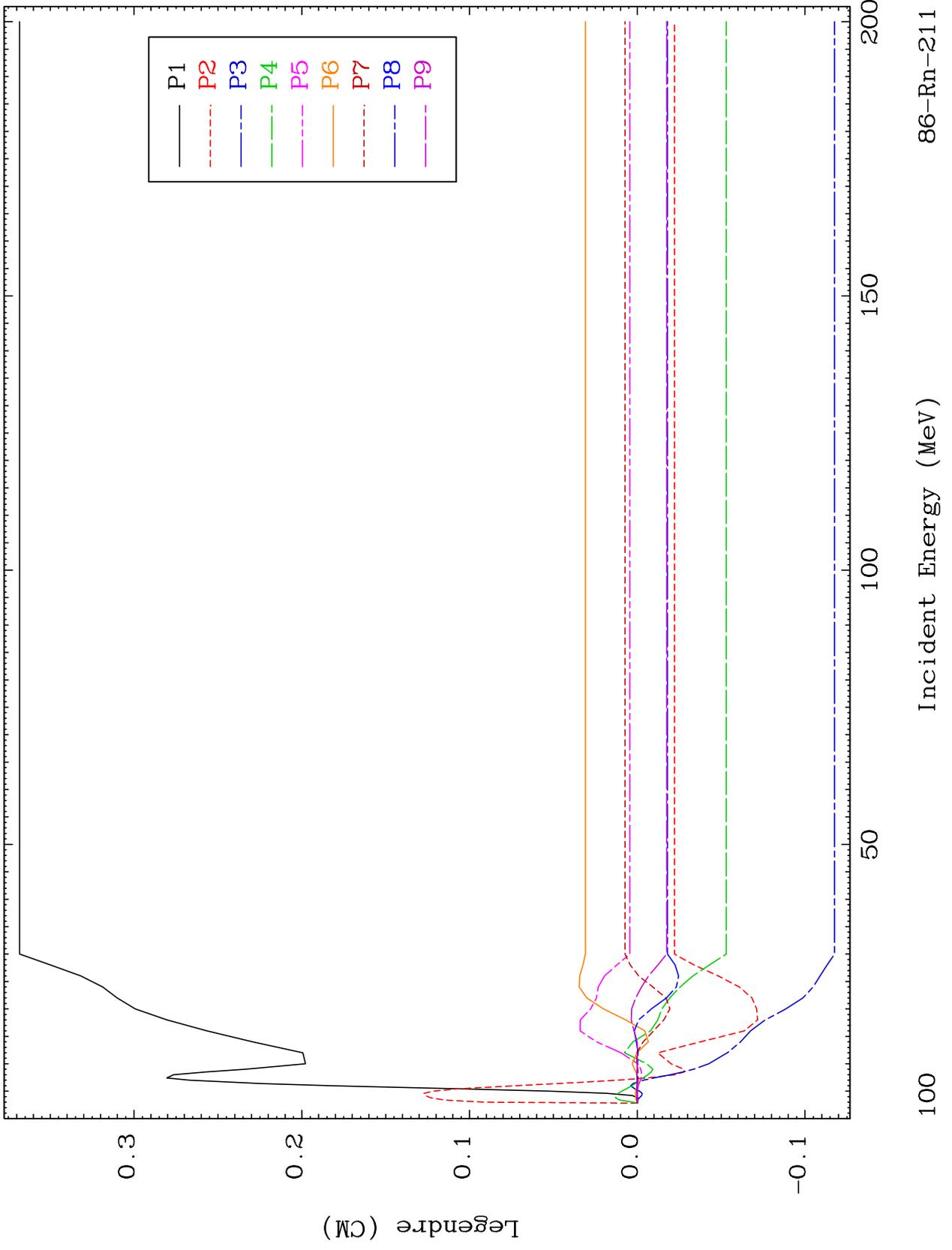
Incident Energy (MeV)

86-Rn-211

MAT 8625

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

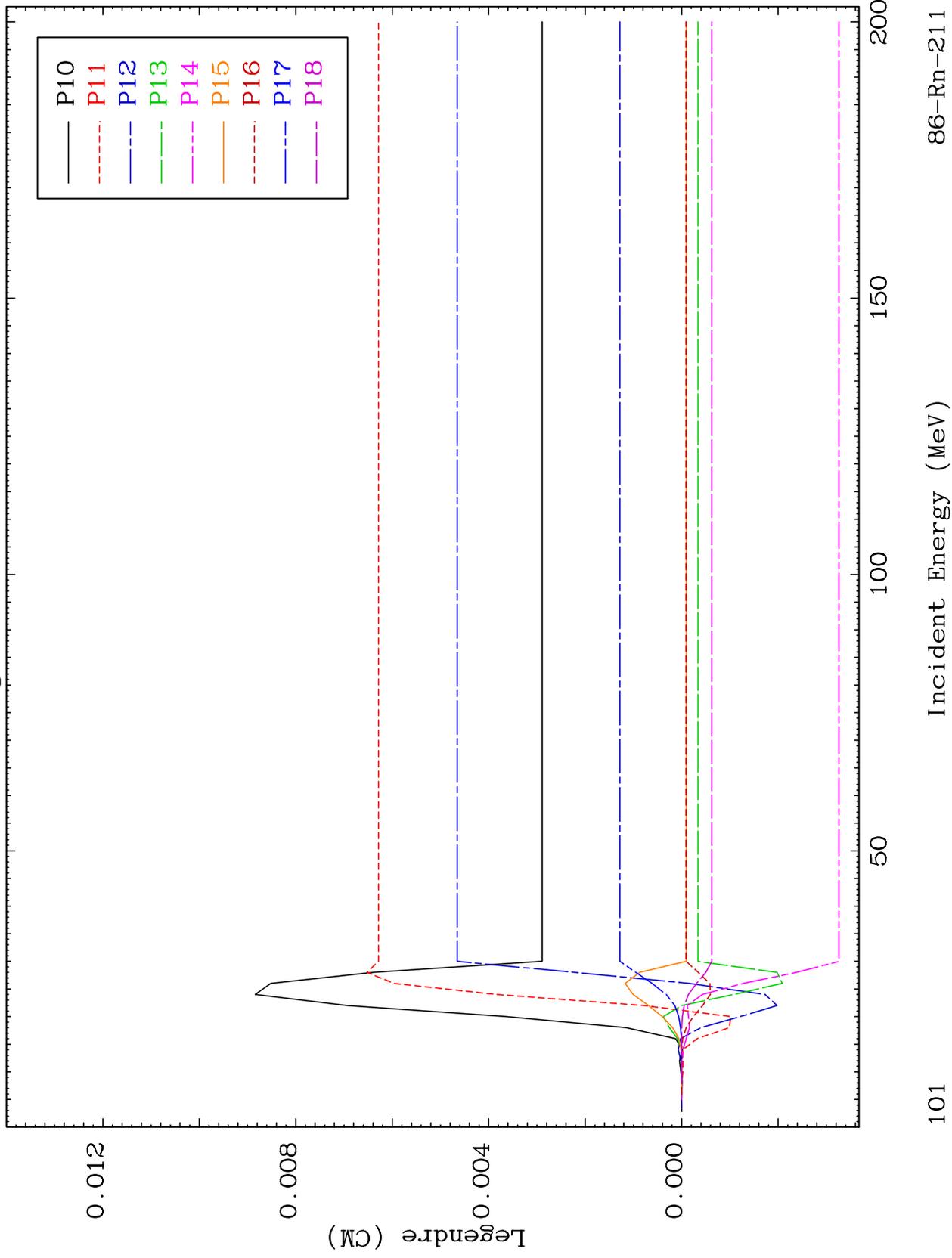
86-Rn-211



MAT 8625

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

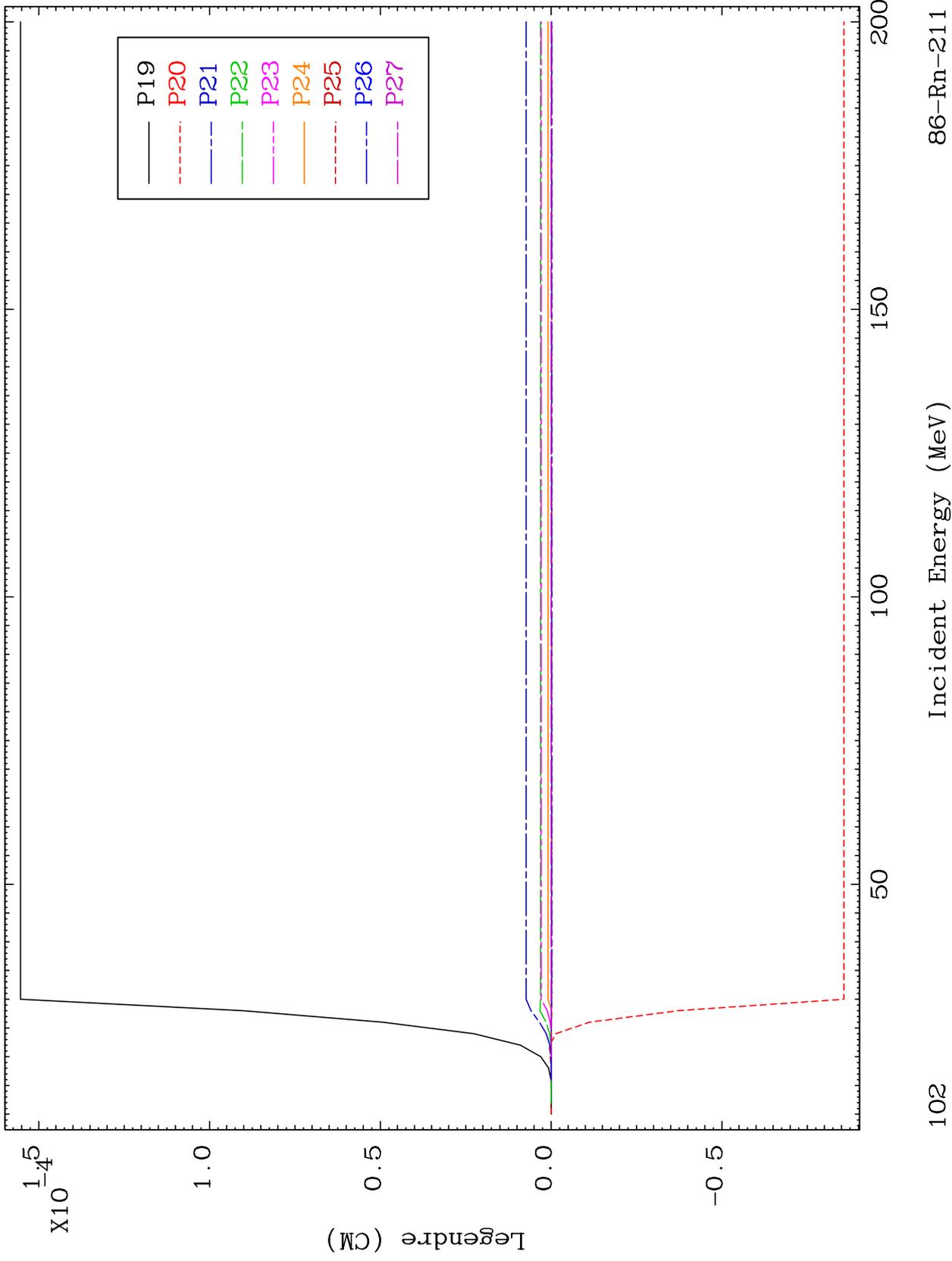
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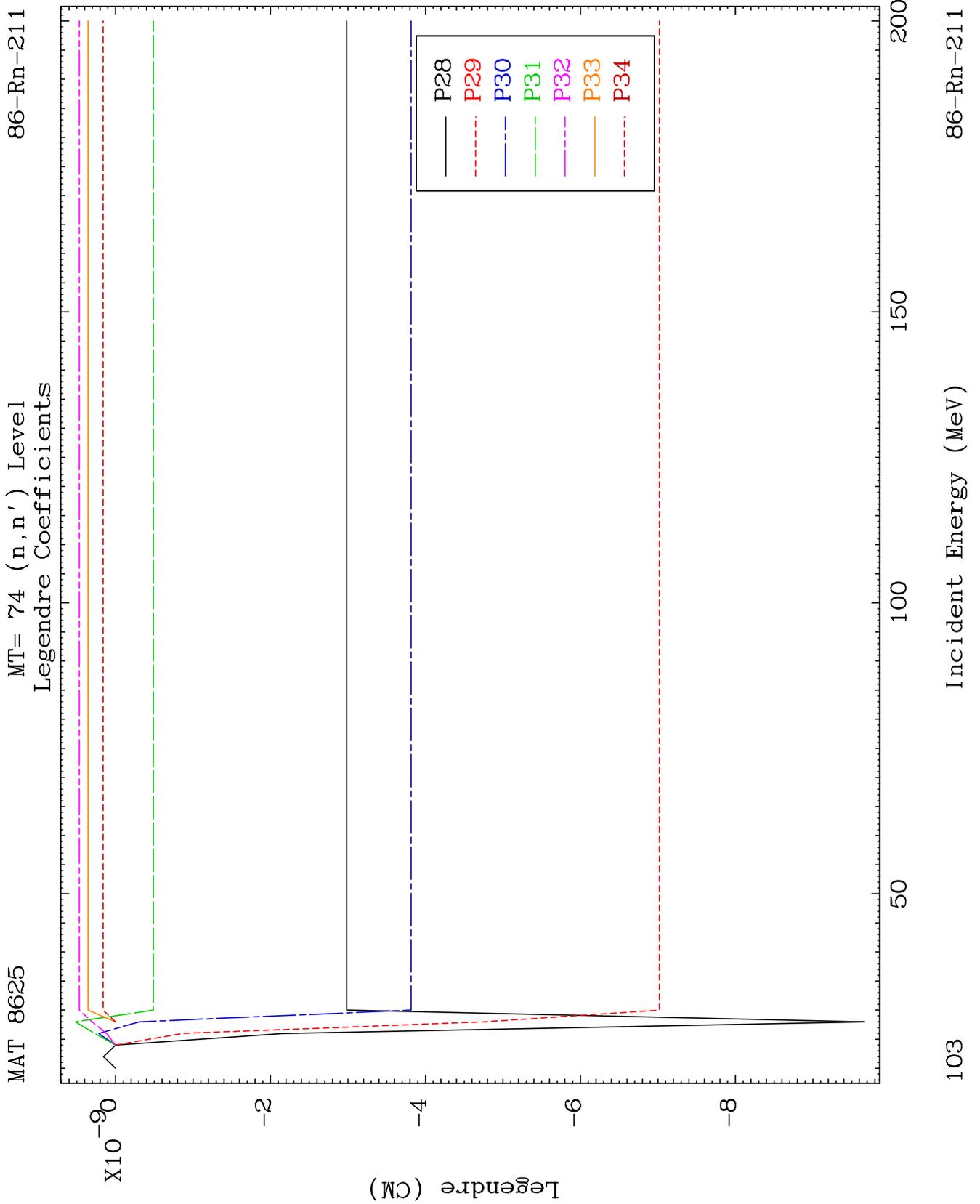


101

Incident Energy (MeV)

86-Rn-211

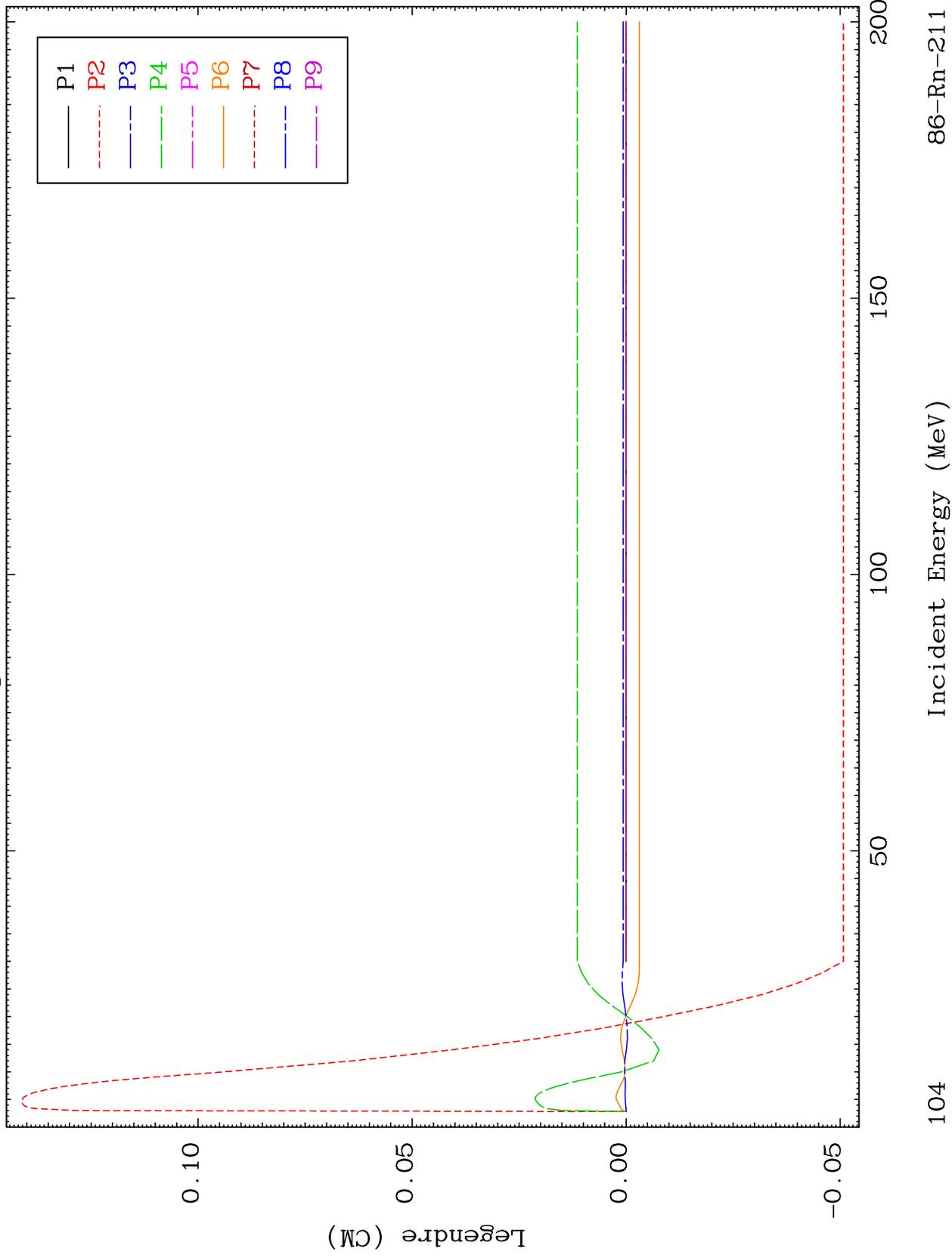




MAT 8625

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

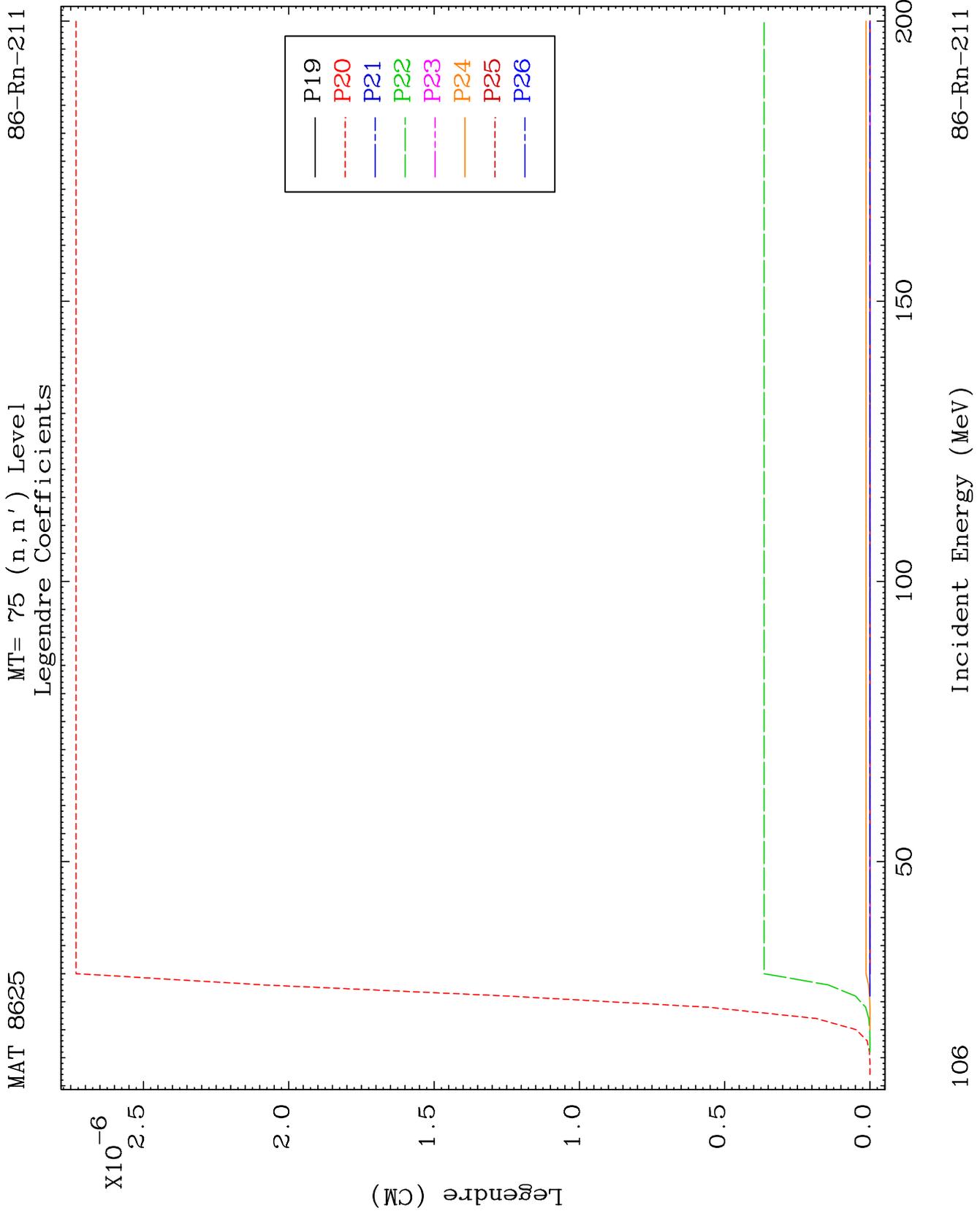
86-Rn-211



104

Incident Energy (MeV)

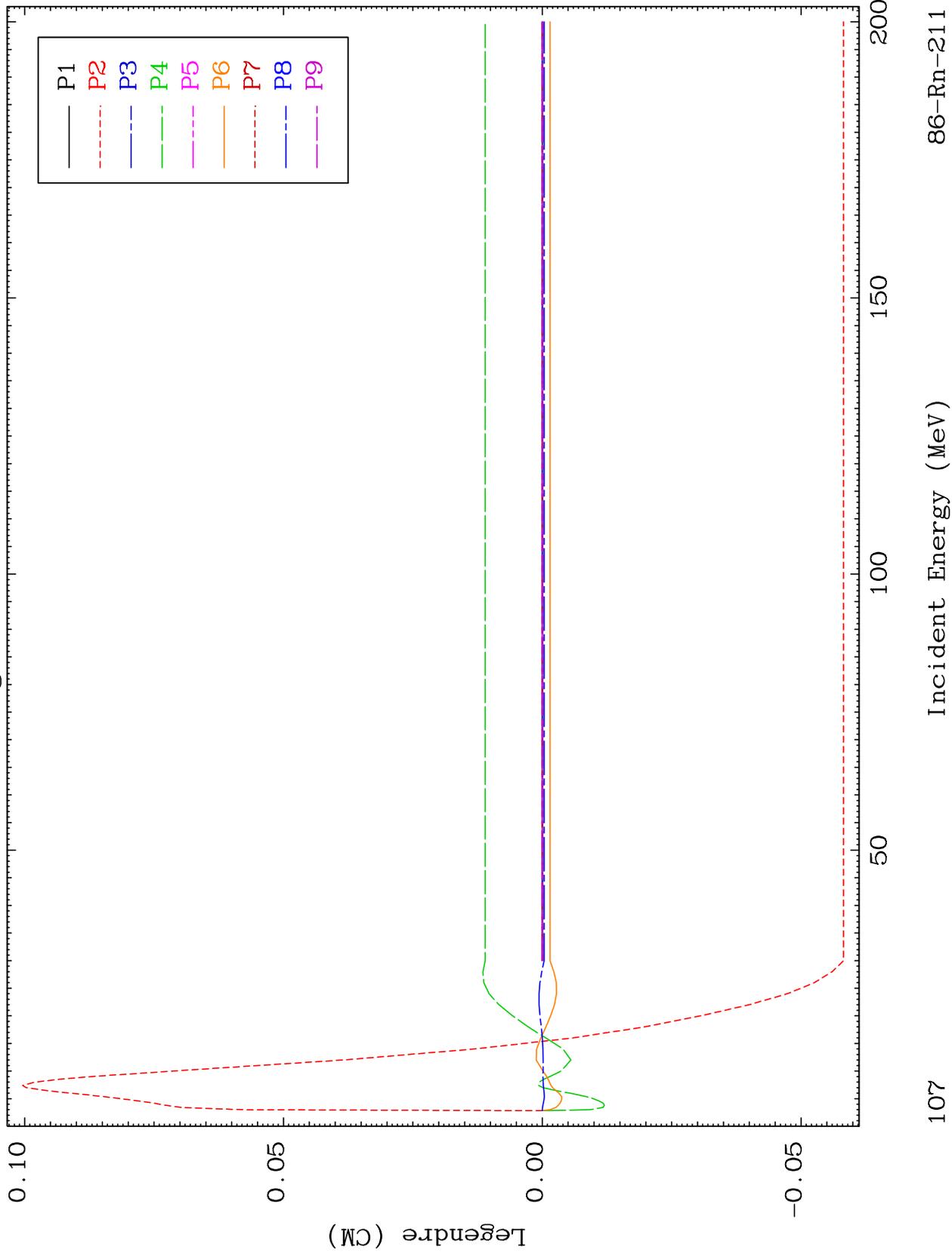
86-Rn-211



MAT 8625

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

86-Rn-211



86-Rn-211

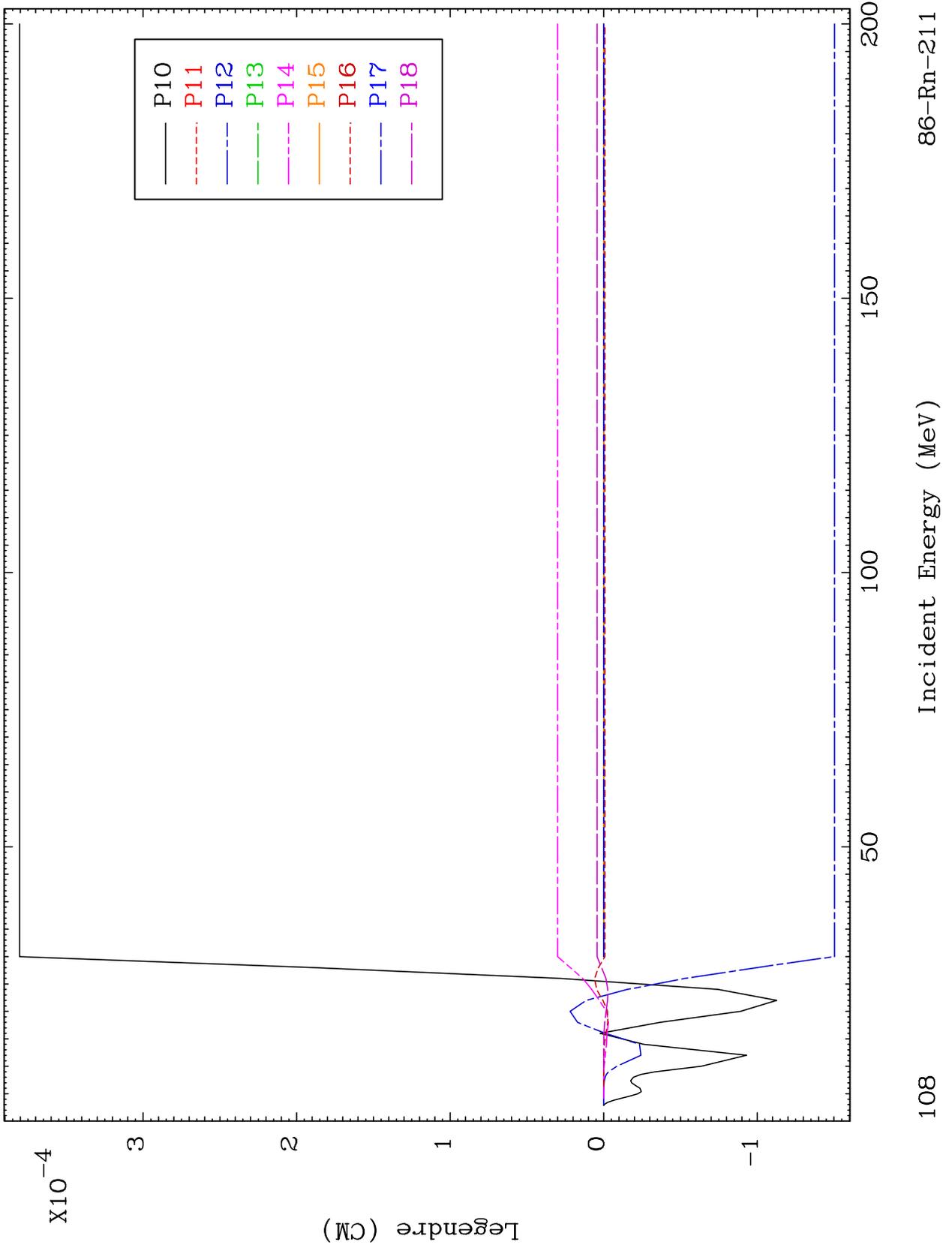
Incident Energy (MeV)

107

MAT 8625

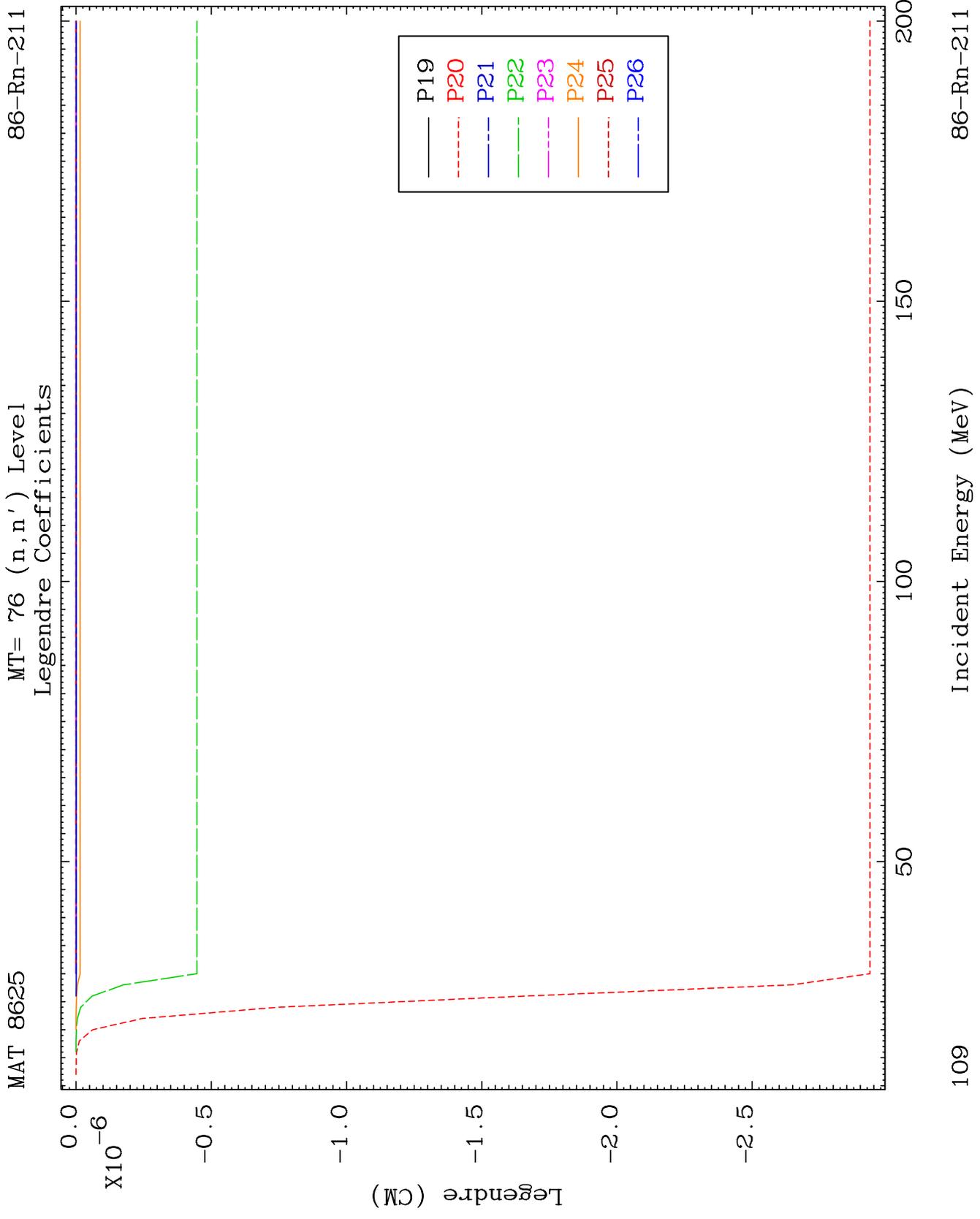
MT= 76 (n,n') Level
Legendre Coefficients

86-Rn-211



108

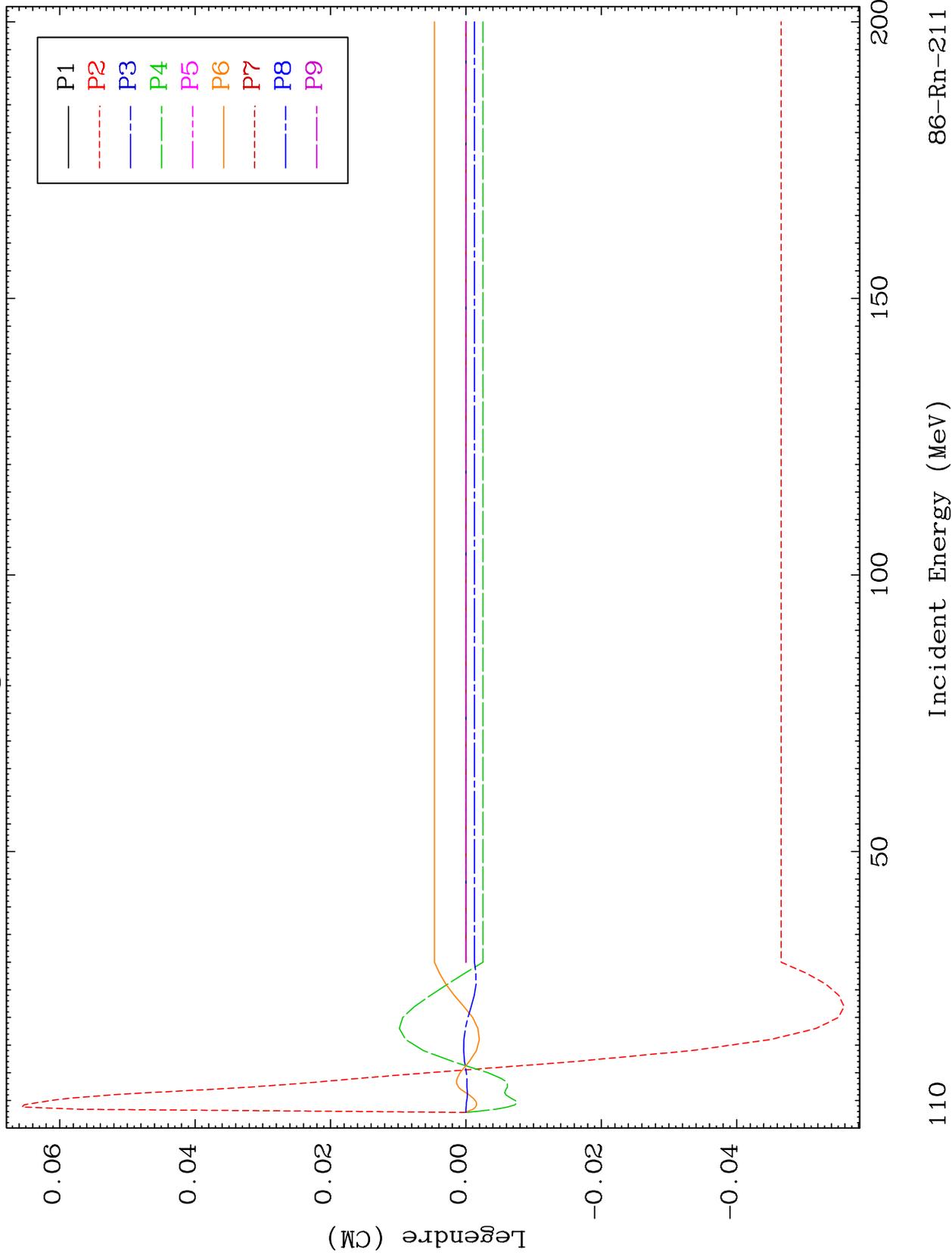
86-Rn-211



MAT 8625

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

86-Rn-211



86-Rn-211

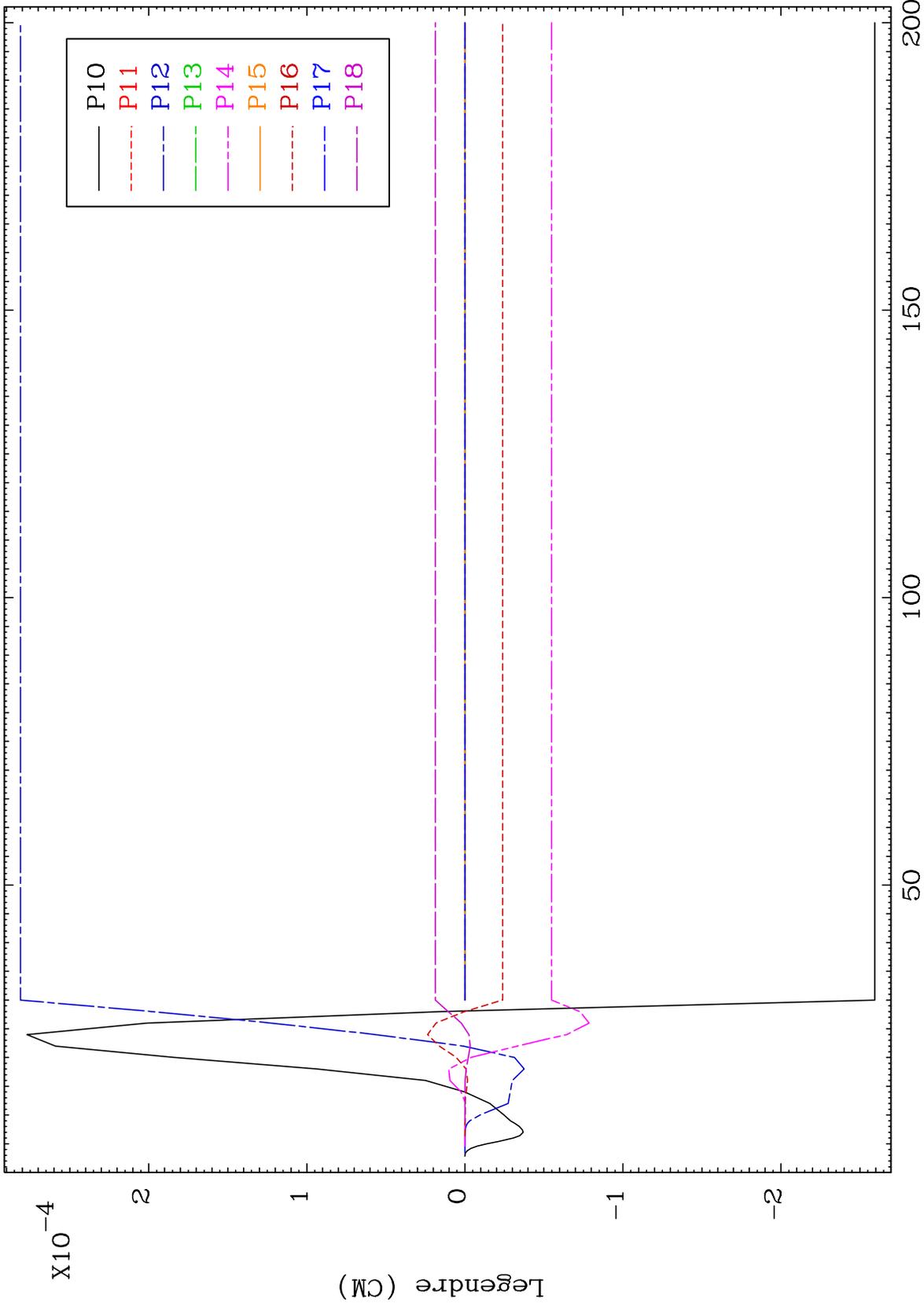
Incident Energy (MeV)

110

MAT 8625

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

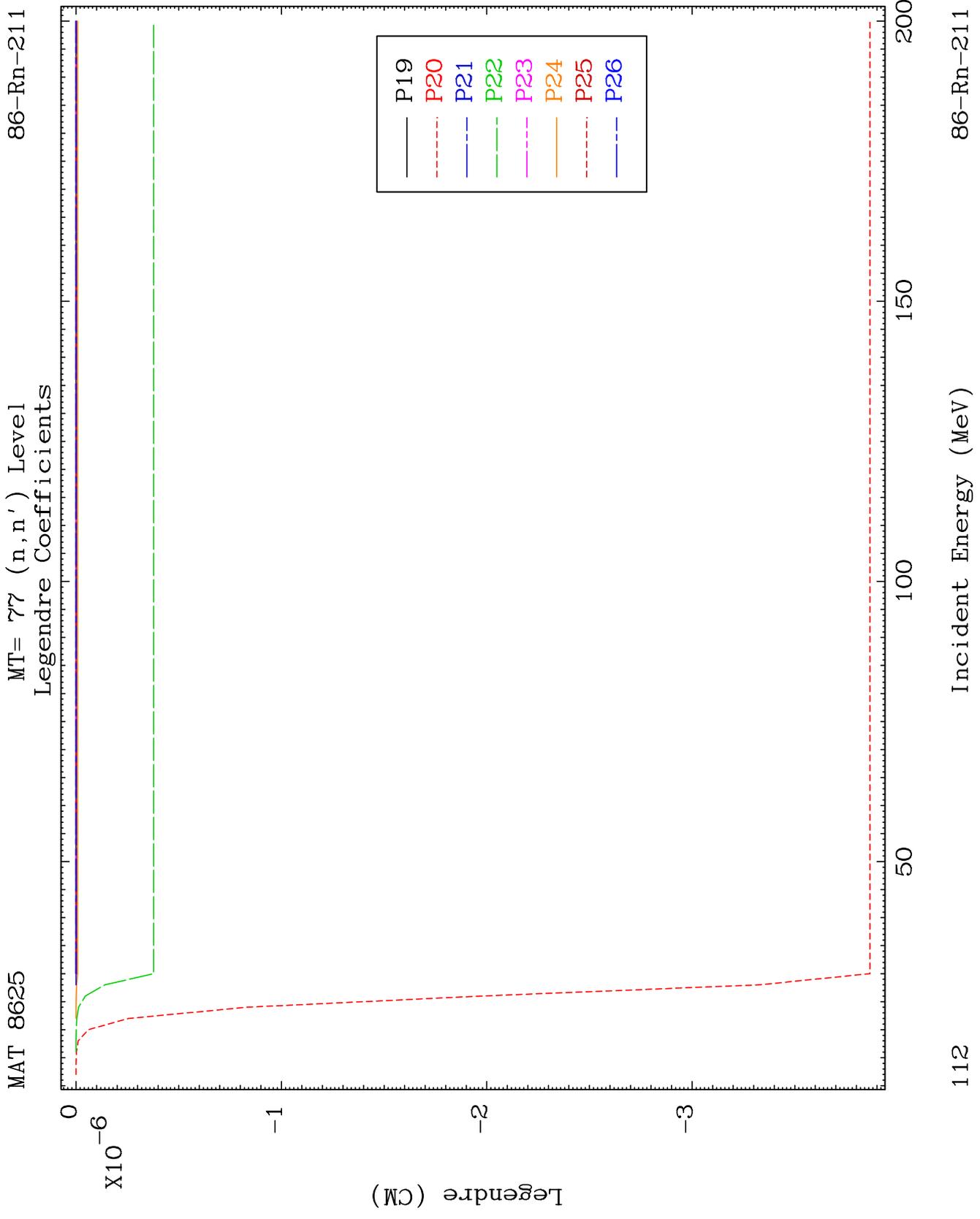
86-Rn-211



111

Incident Energy (MeV)

86-Rn-211

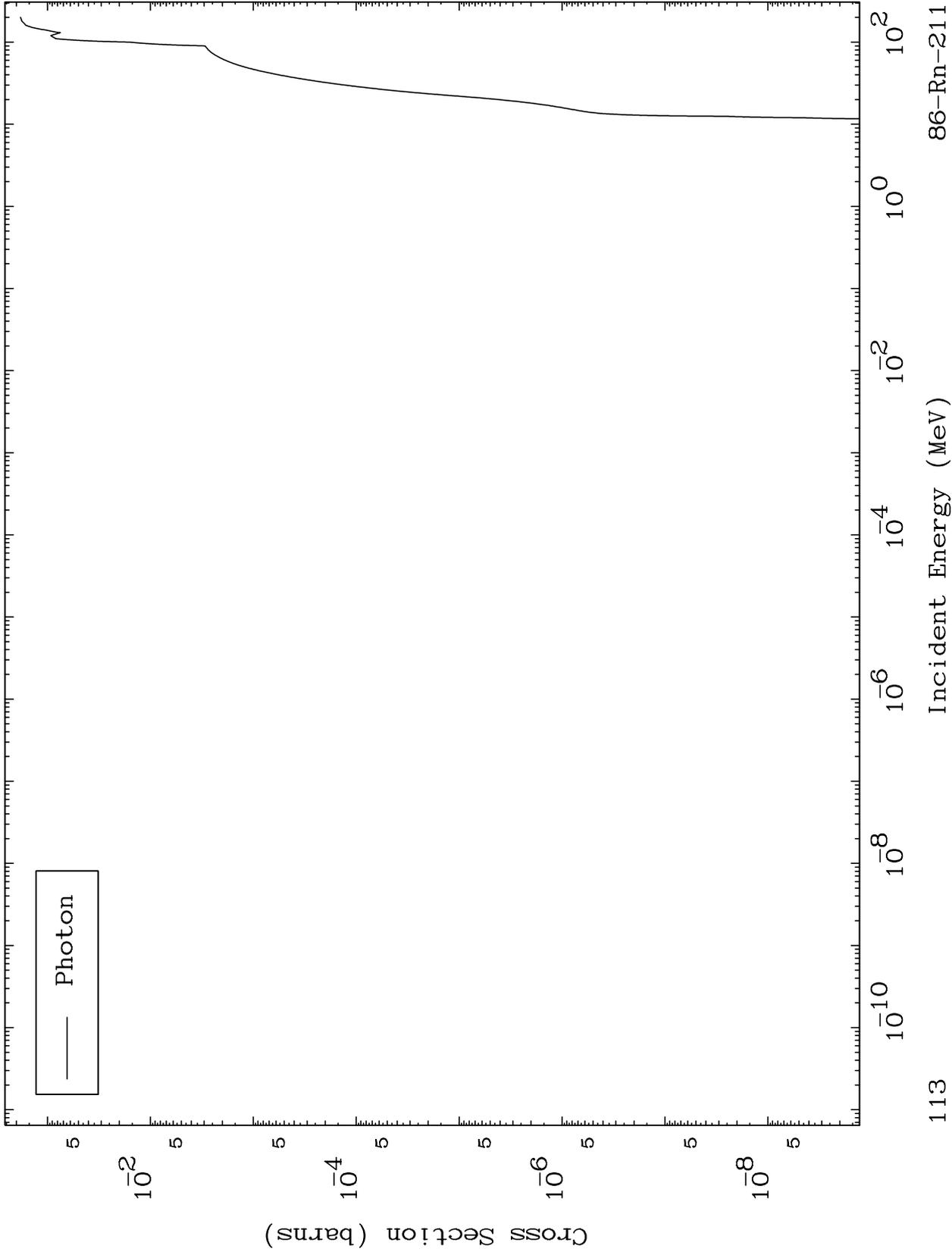


MAT 8625

Fission

86-Rn-211

Radionuclide Production Cross Section



113

Incident Energy (MeV)

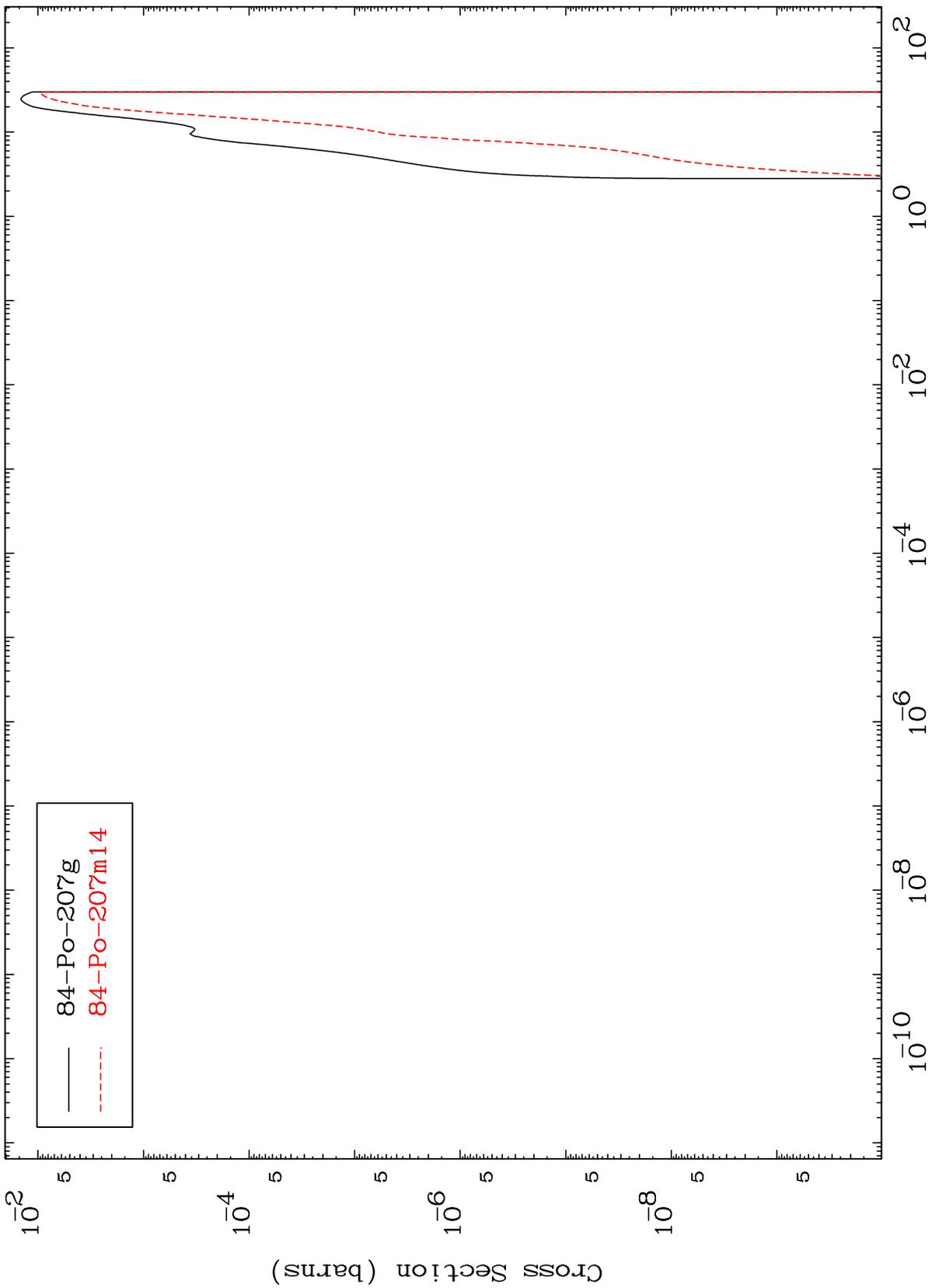
86-Rn-211

MAT 8625

$(n, n') \alpha$

86-Rn-211

Radionuclide Production Cross Section



114

Incident Energy (MeV)

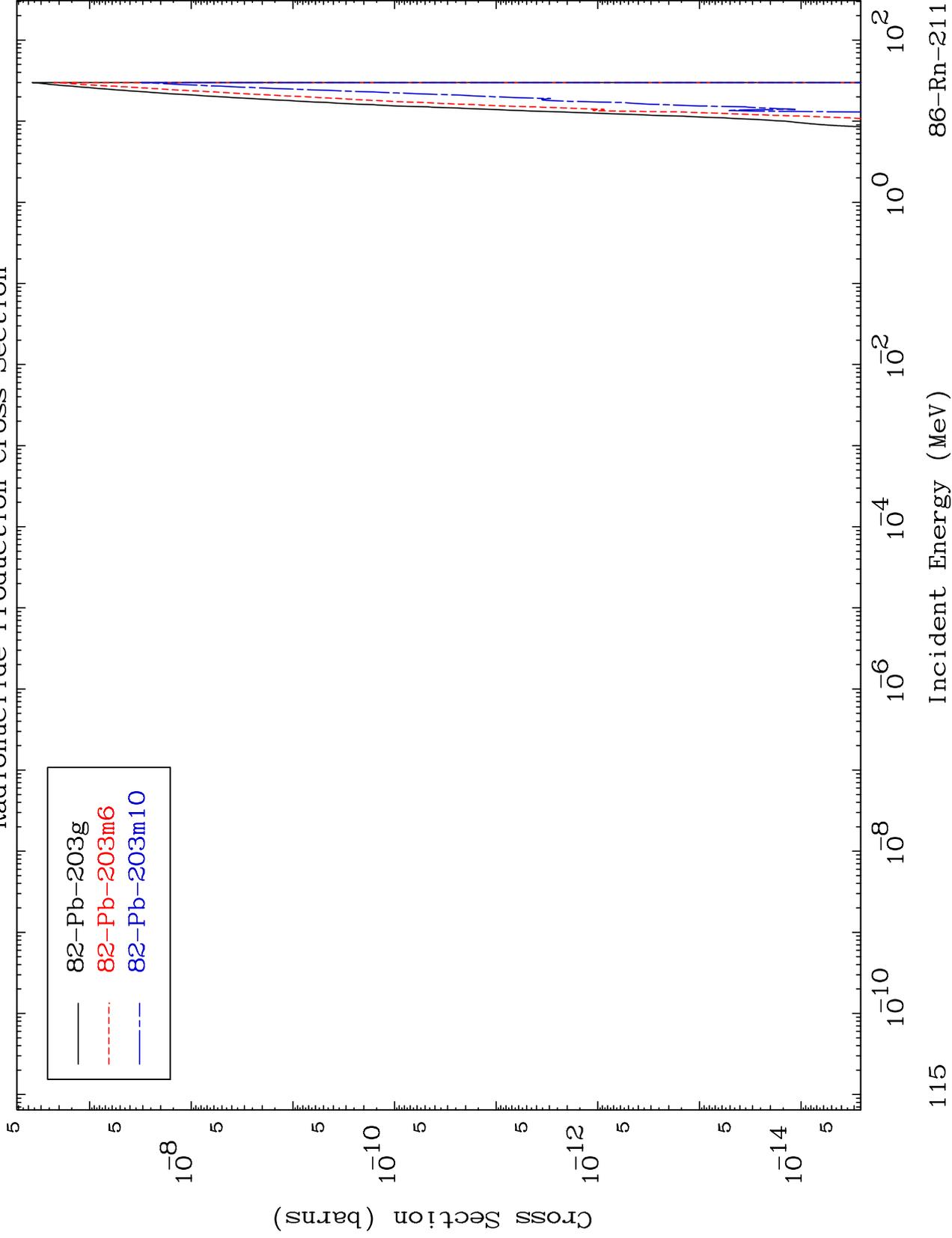
86-Rn-211

MAT 8625

(n, n') 2α

$^{86}\text{Rn-211}$

Radionuclide Production Cross Section

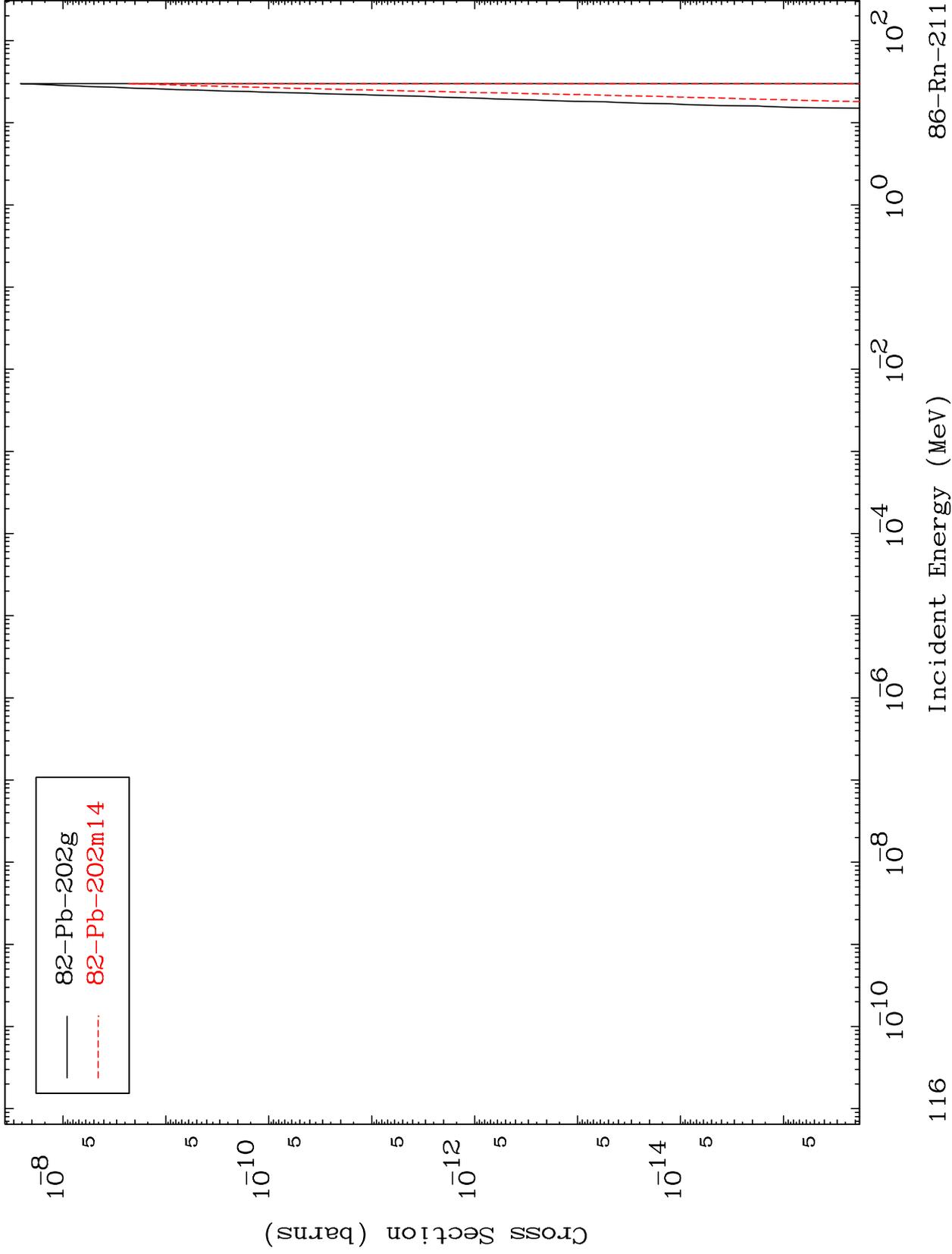


MAT 8625

$(n,2n) 2\alpha$

86-Rn-211

Radionuclide Production Cross Section



MAT 8625

86-Rn-211

(n,2α)
Radionuclide Production Cross Section

