

Program EVALPLOT
(Version 2021-1)

by

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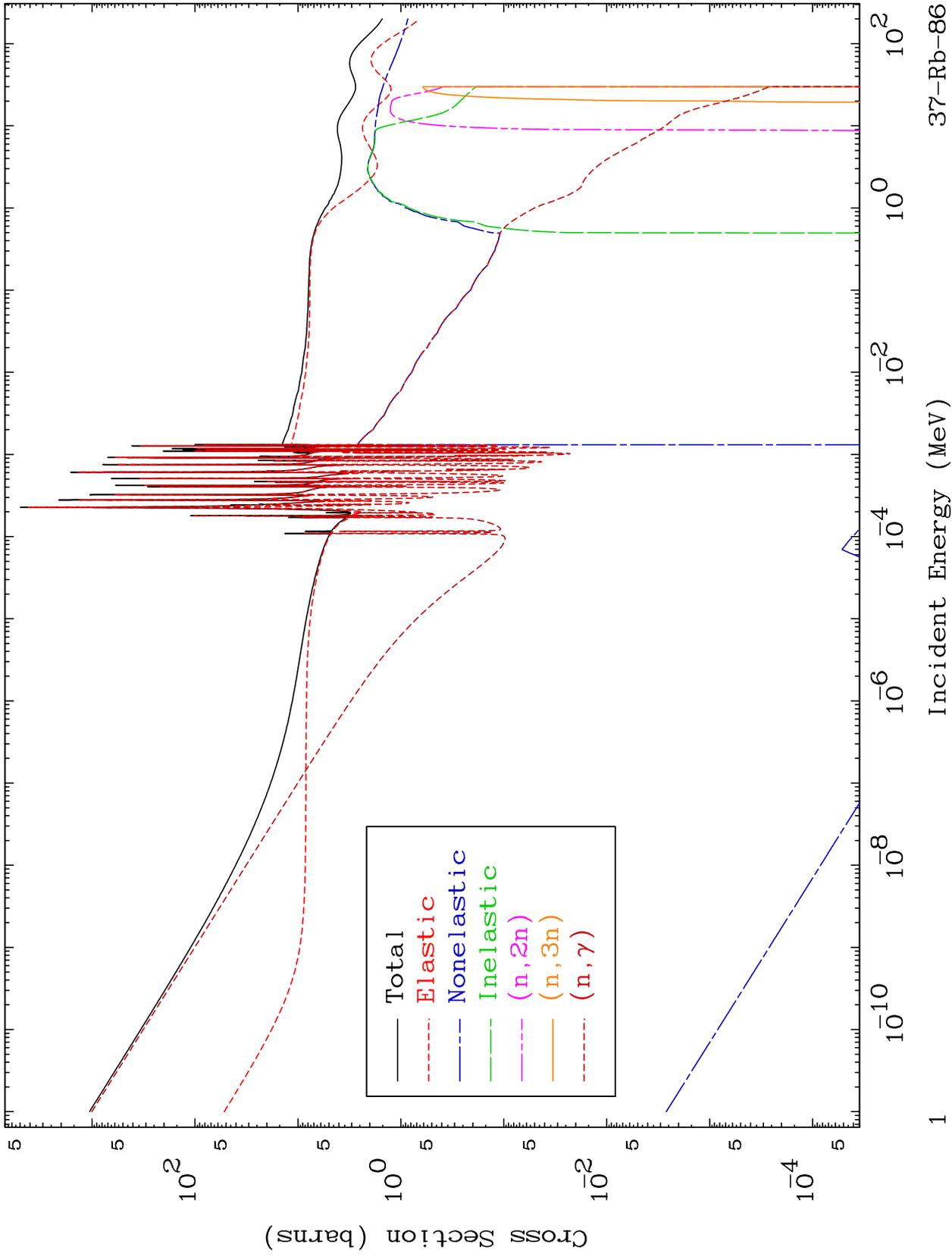
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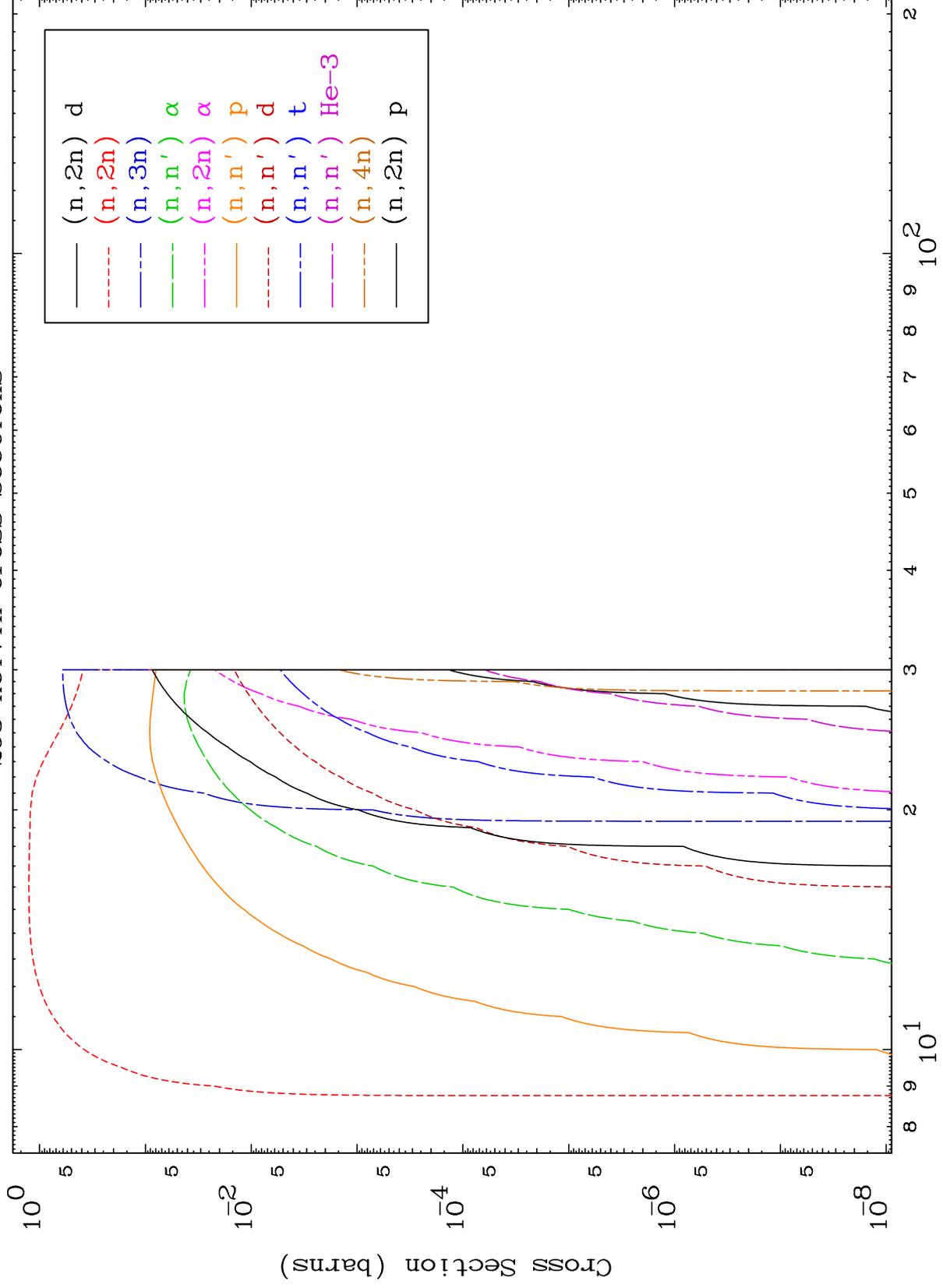
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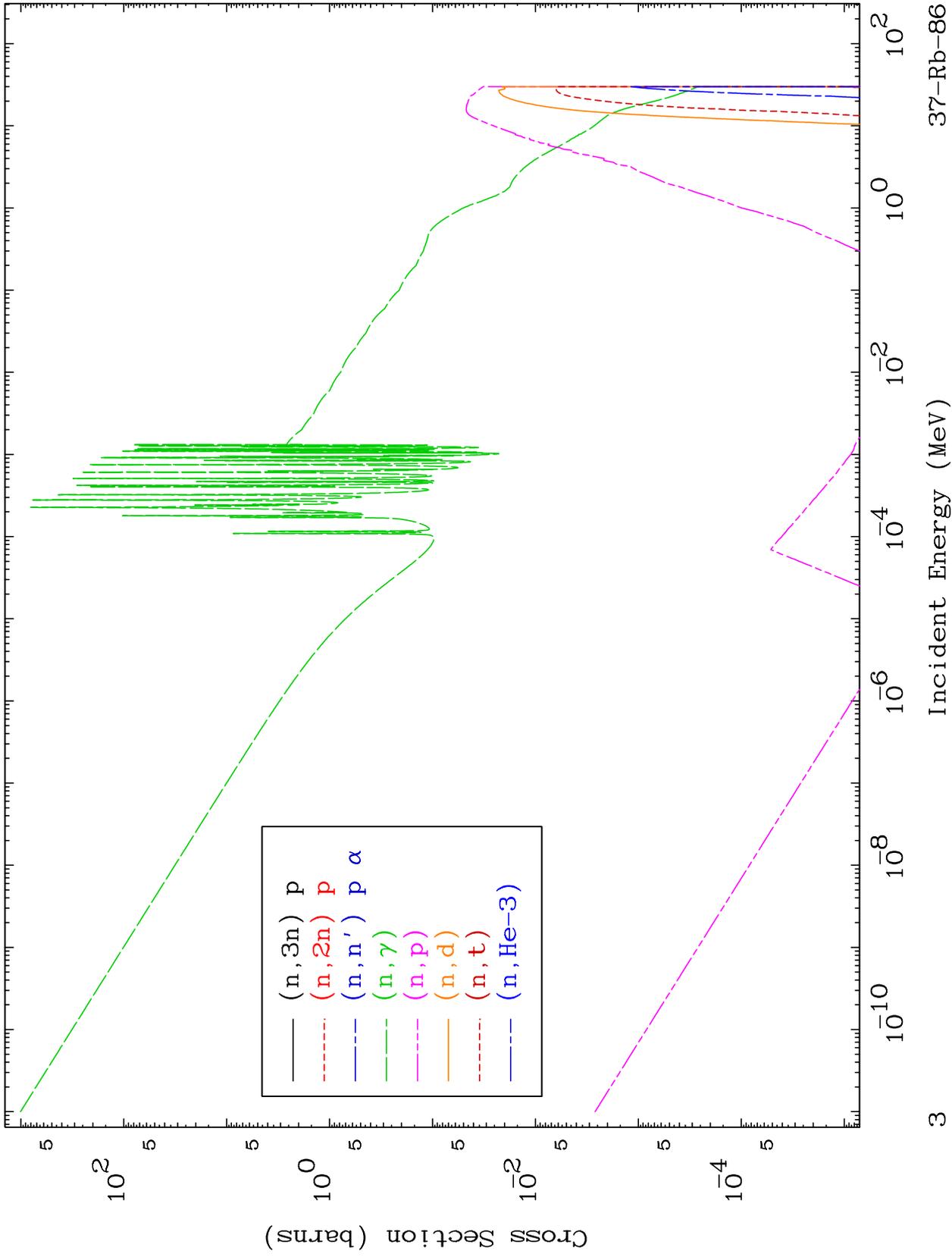
MAT 3728

Neutron Major
293 Kelvin Cross Sections

37-Rb-86



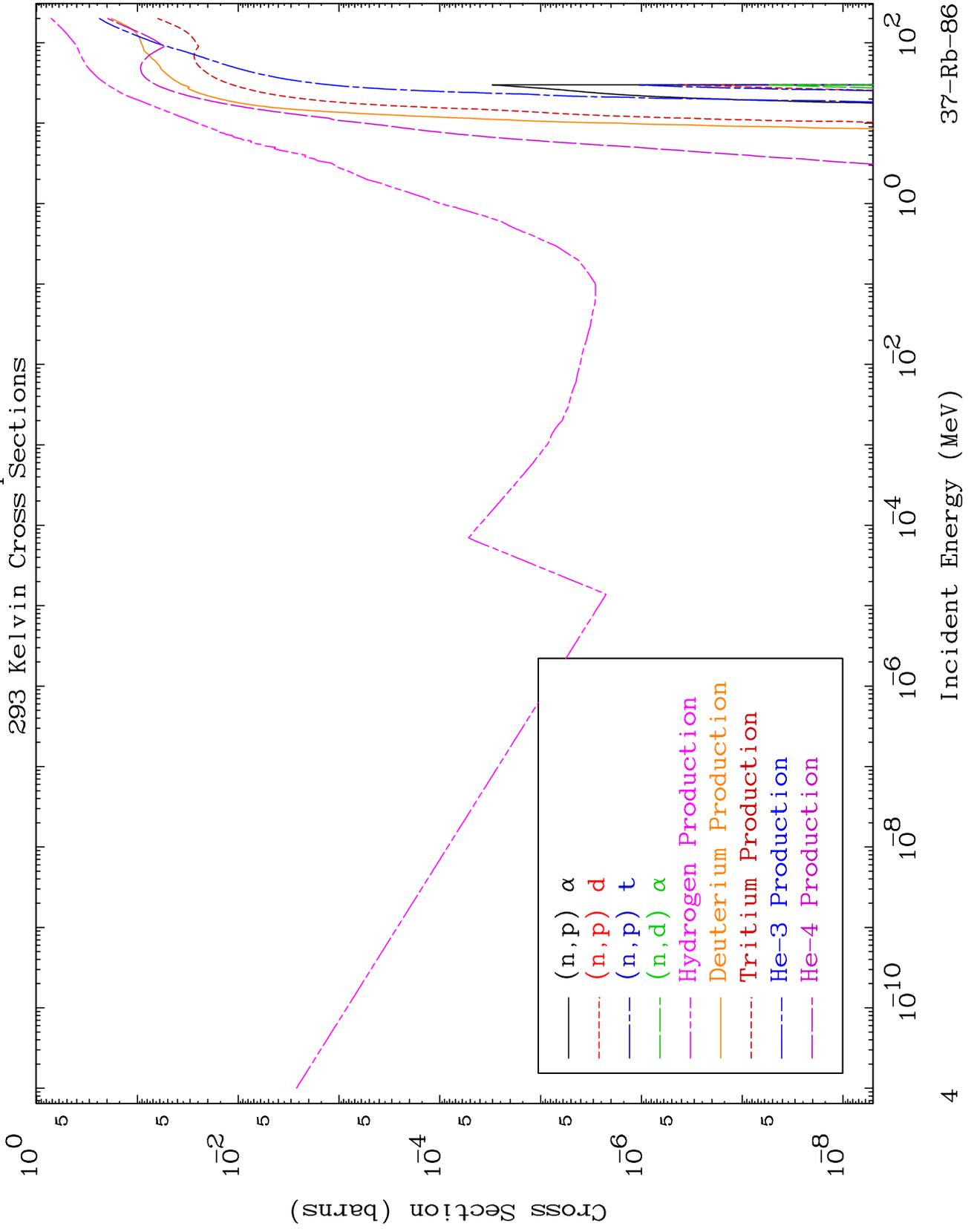


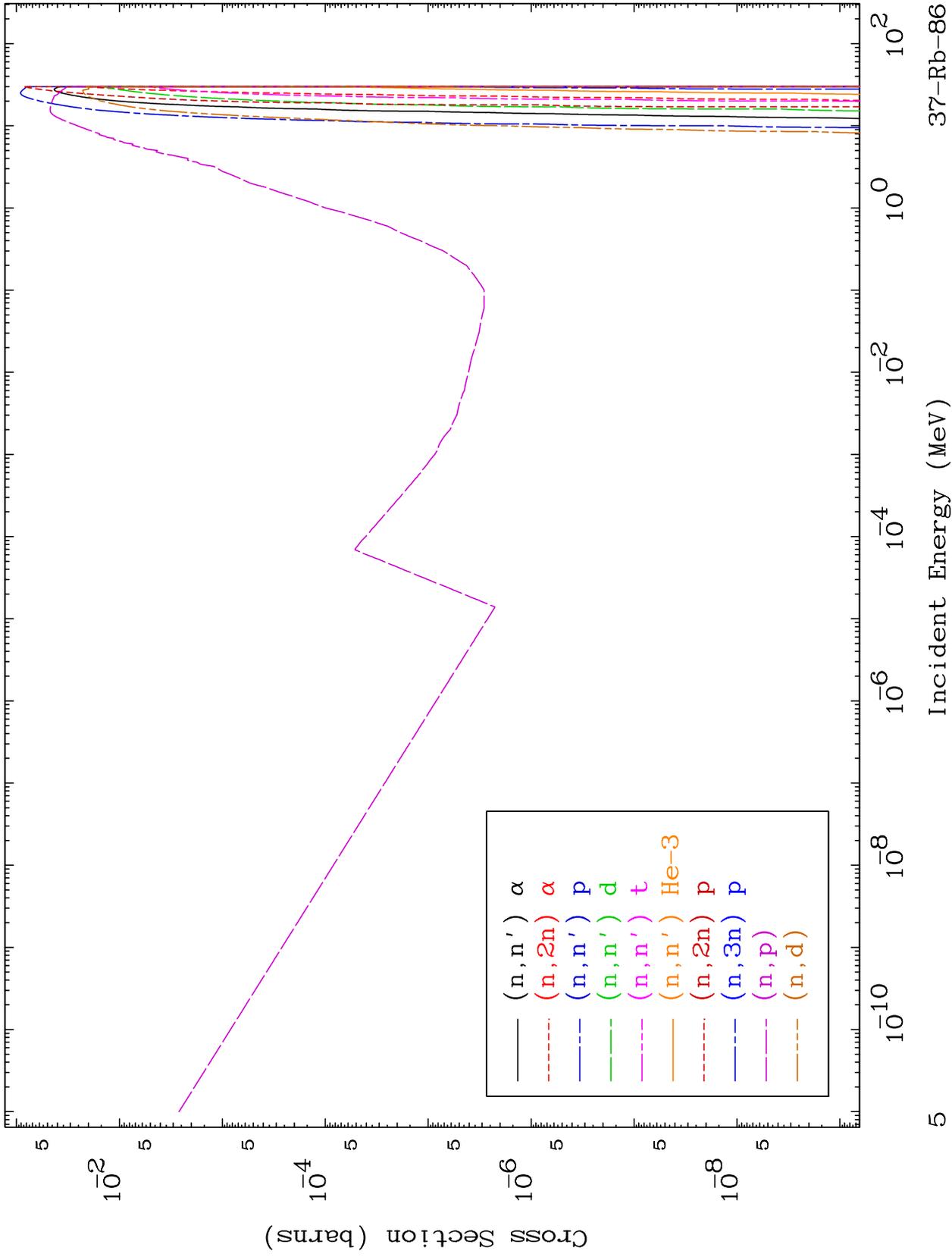


MAT 3728

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-86

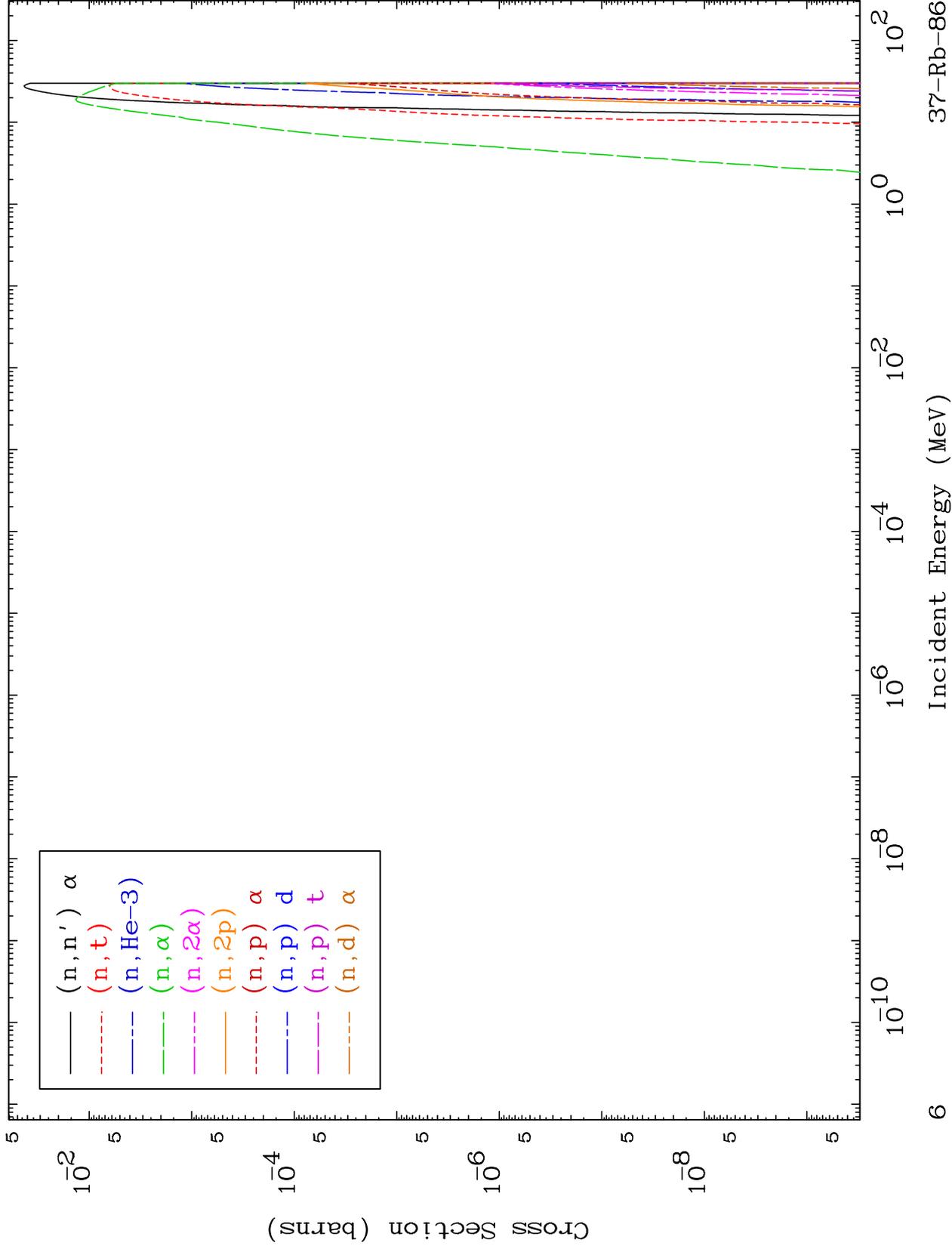




MAT 3728

Charged Particle
293 Kelvin Cross Sections

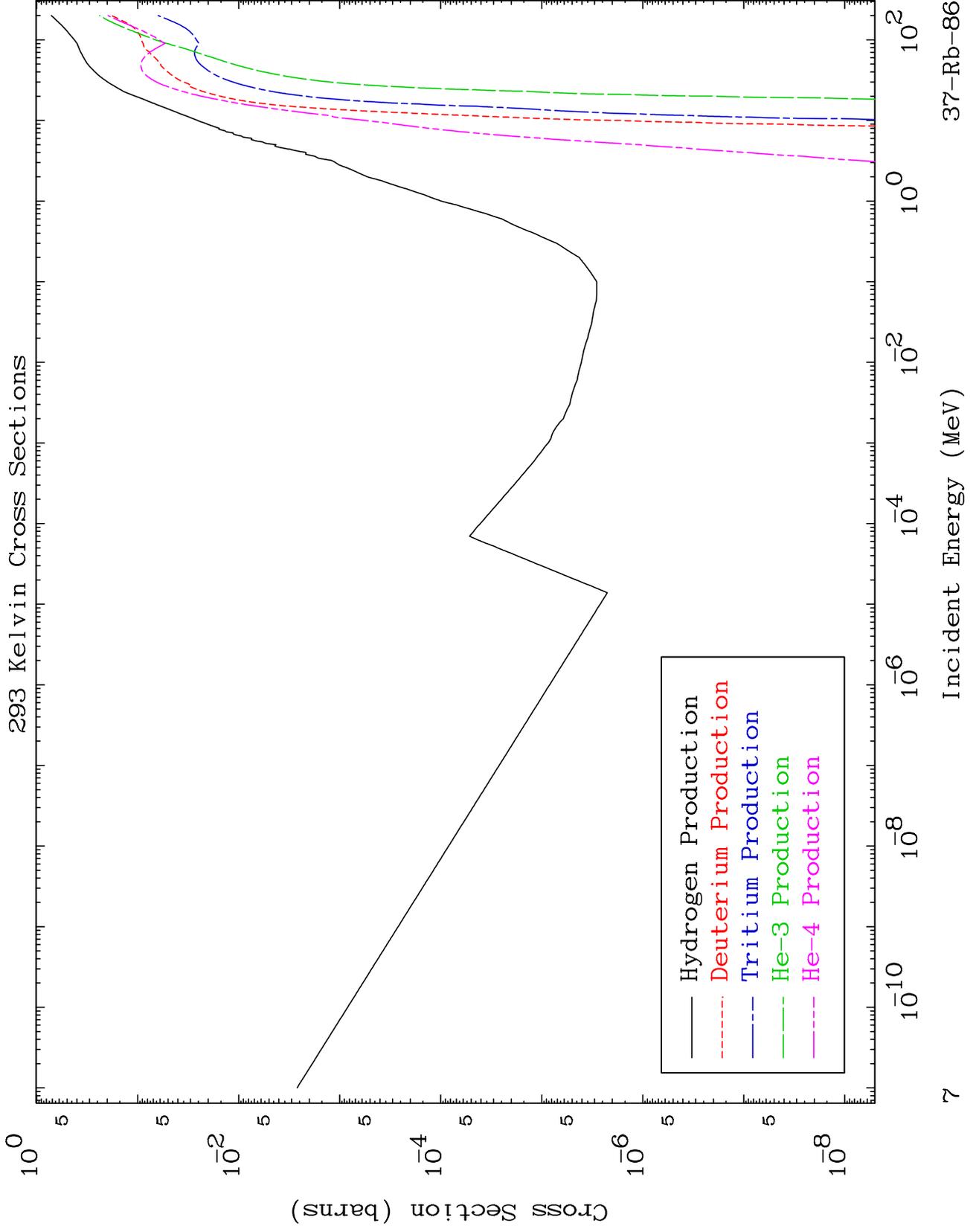
37-Rb-86



MAT 3728

Particle Production
293 Kelvin Cross Sections

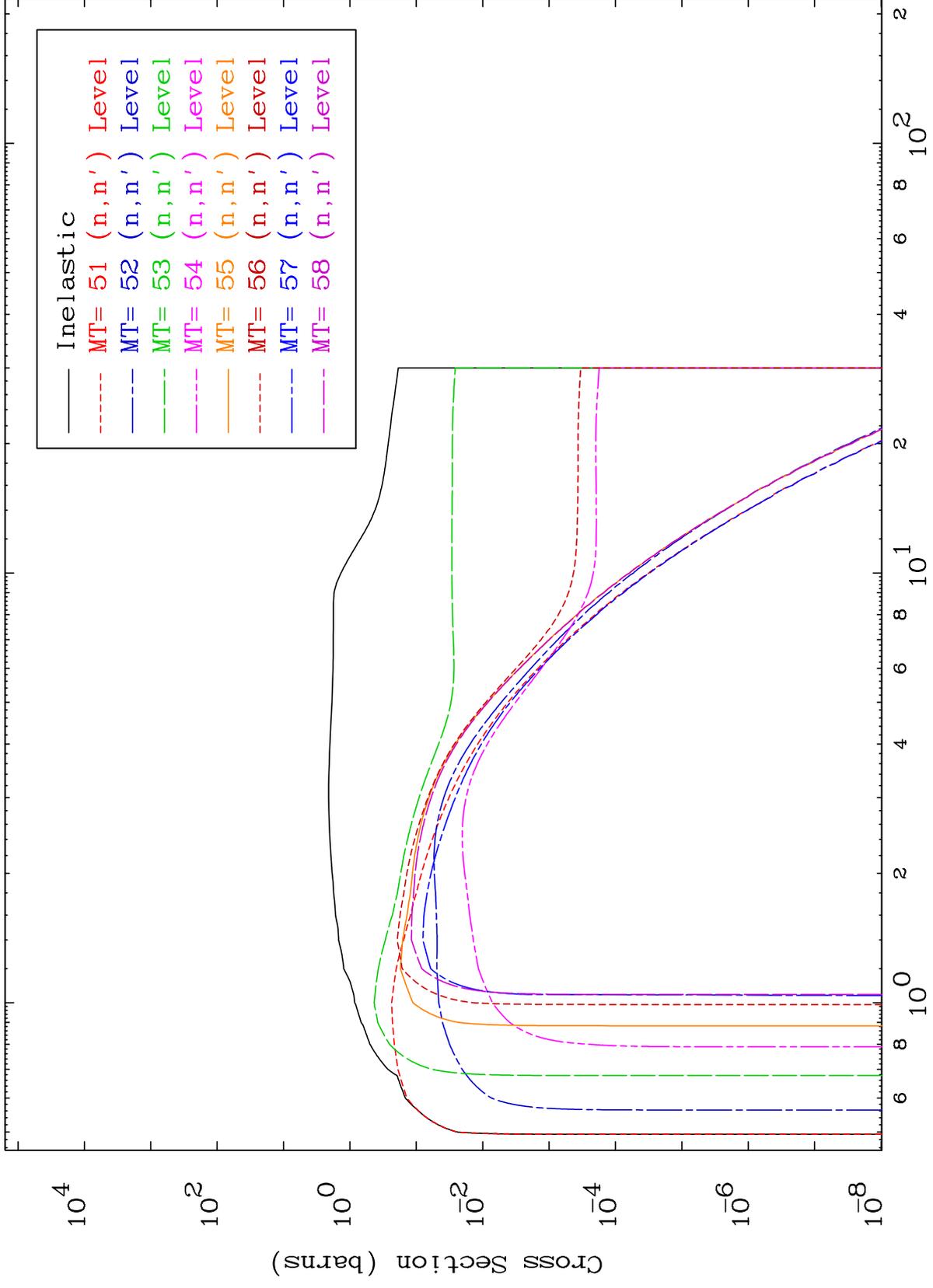
37-Rb-86



MAT 3728

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-86



8

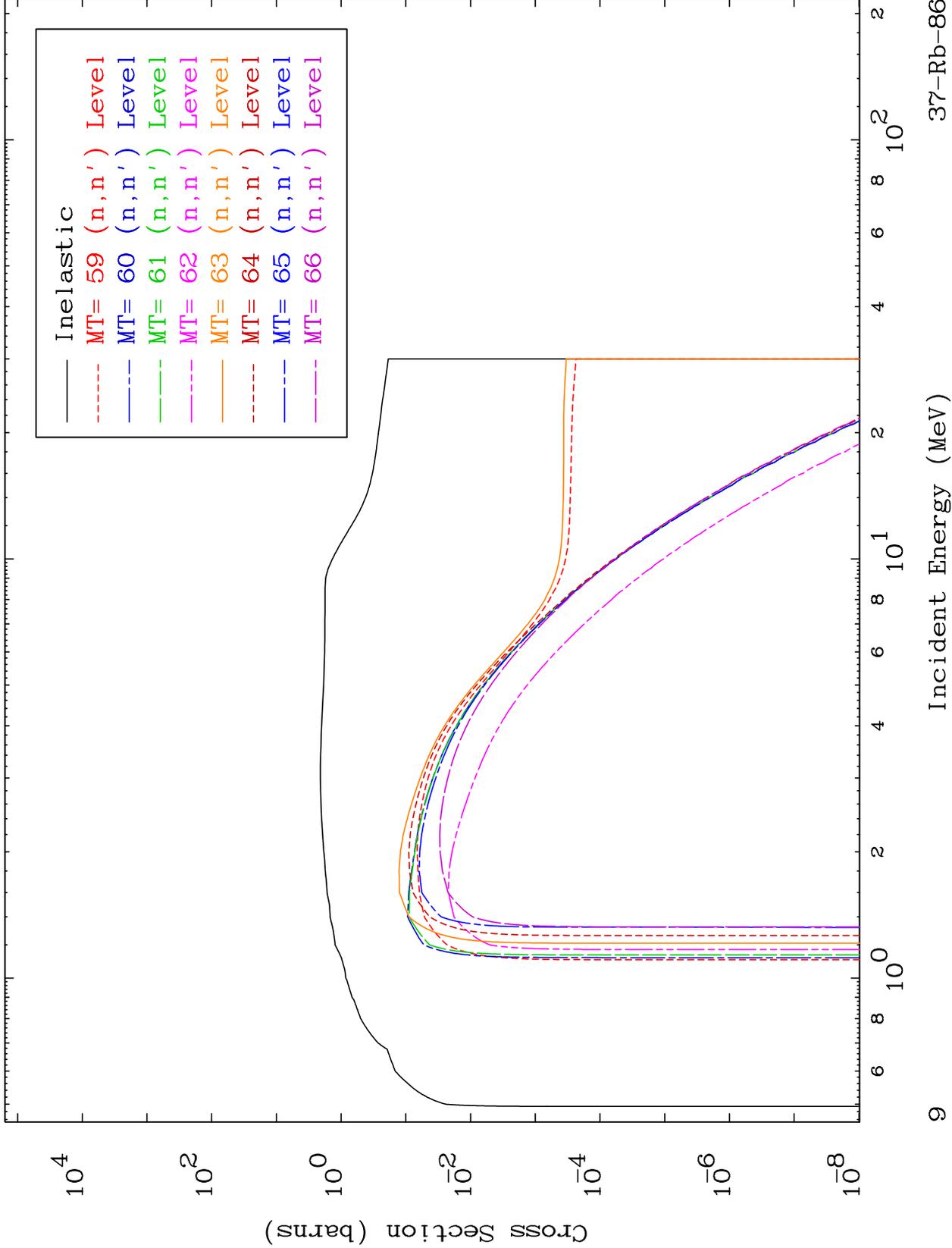
Incident Energy (MeV)

37-Rb-86

MAT 3728

(n,n') Levels
293 Kelvin Cross Sections

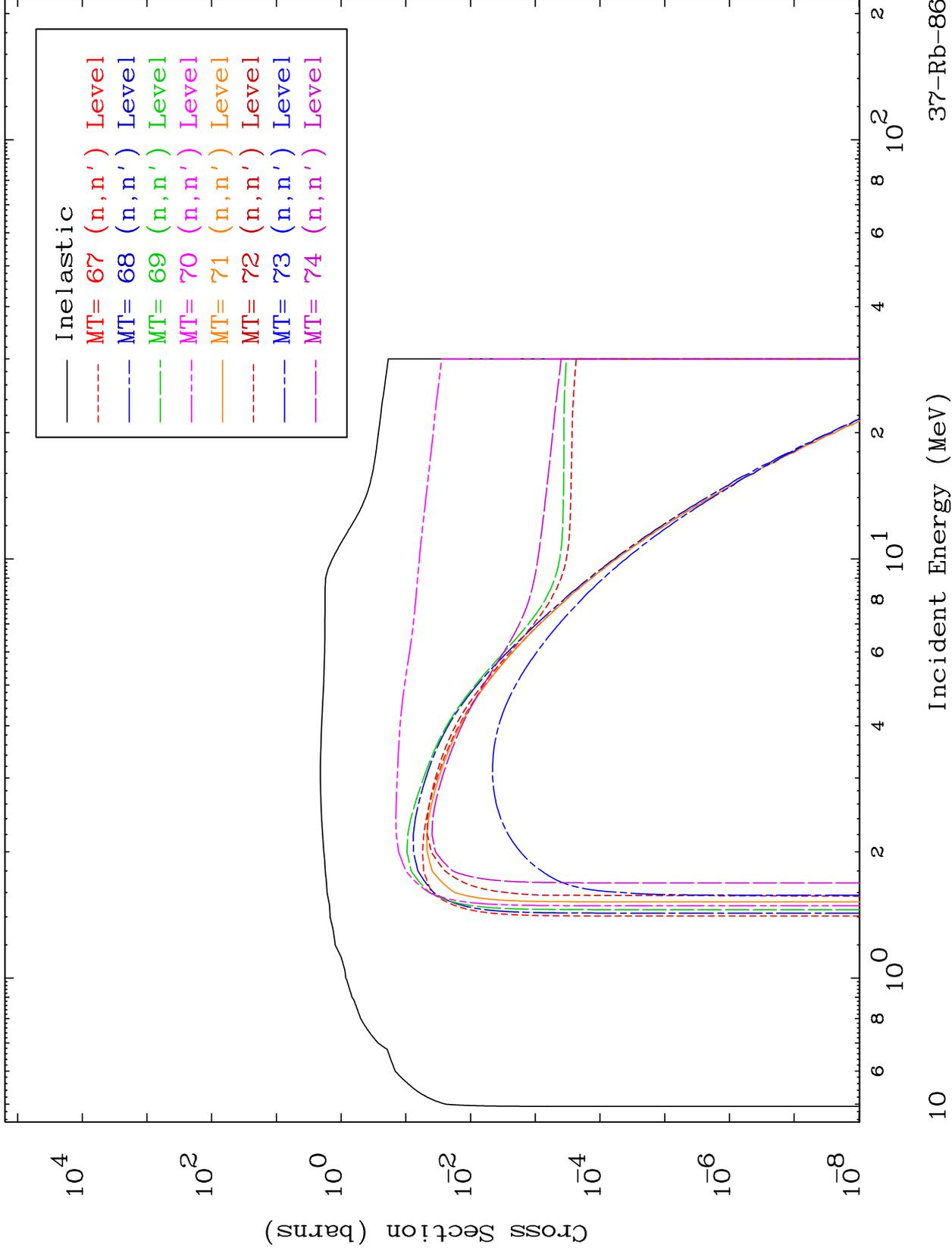
37-Rb-86



MAT 3728

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-86

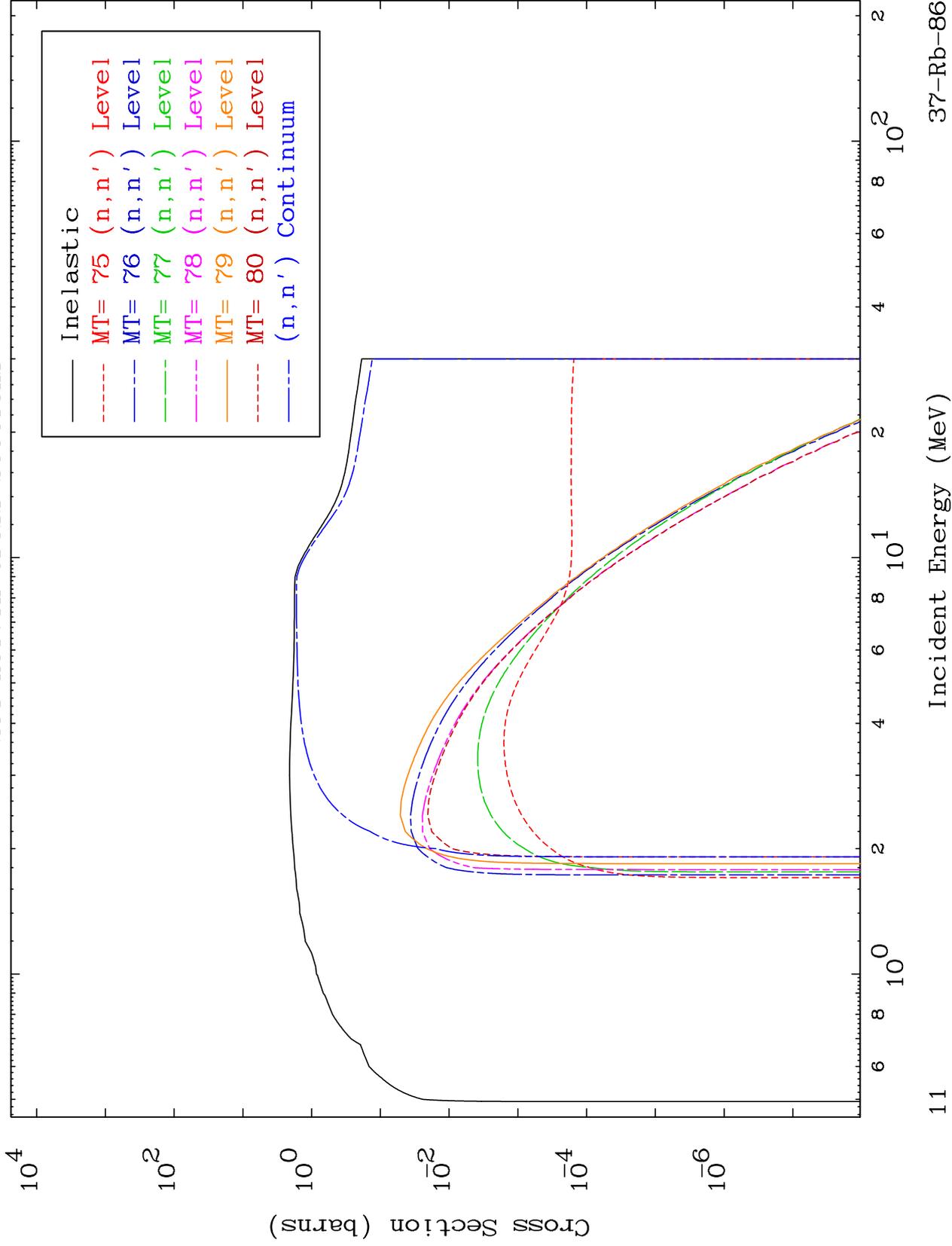


10

Incident Energy (MeV)

37-Rb-86

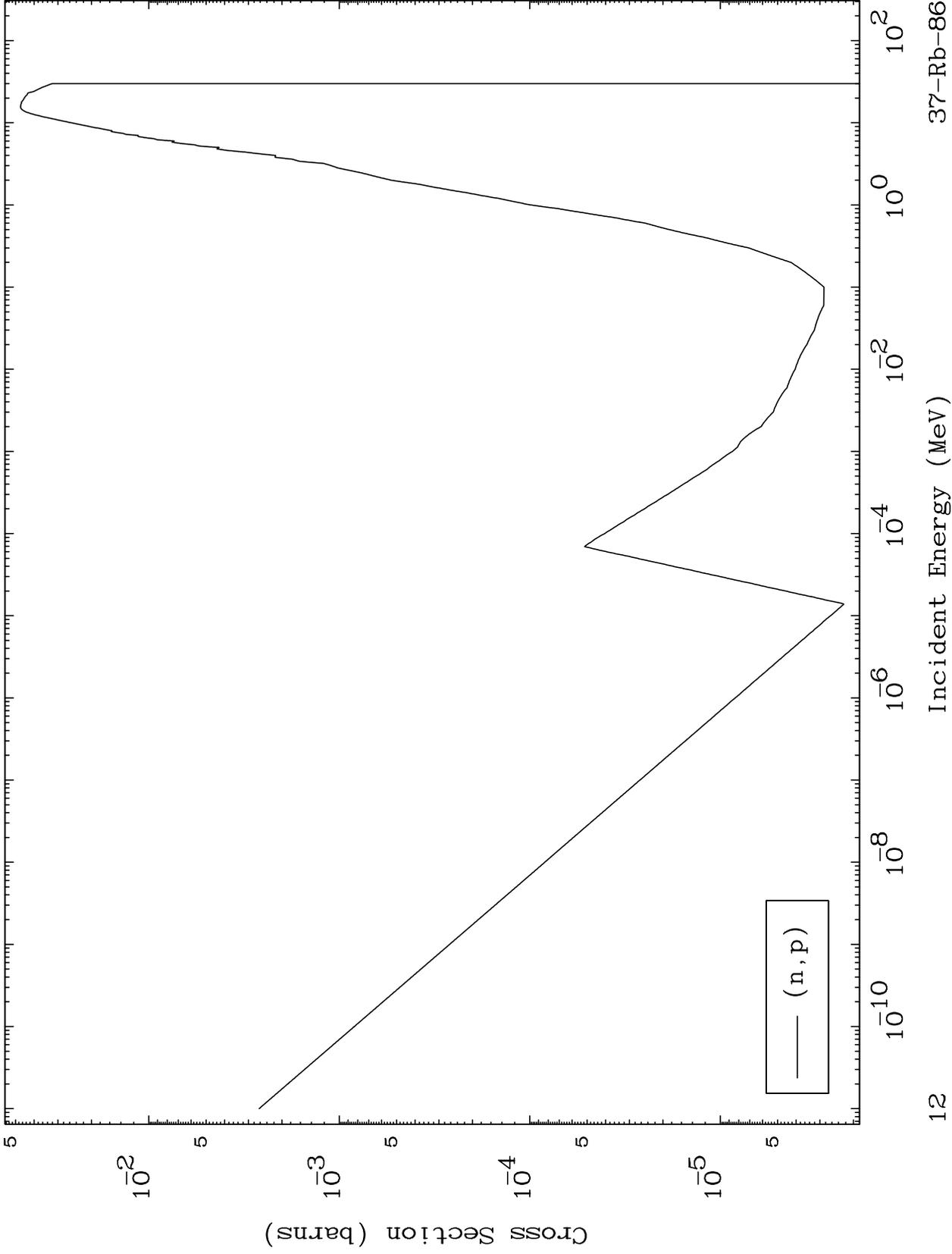
293 Kelvin Cross Sections



MAT 3728

(n,p) Levels
293 Kelvin Cross Sections

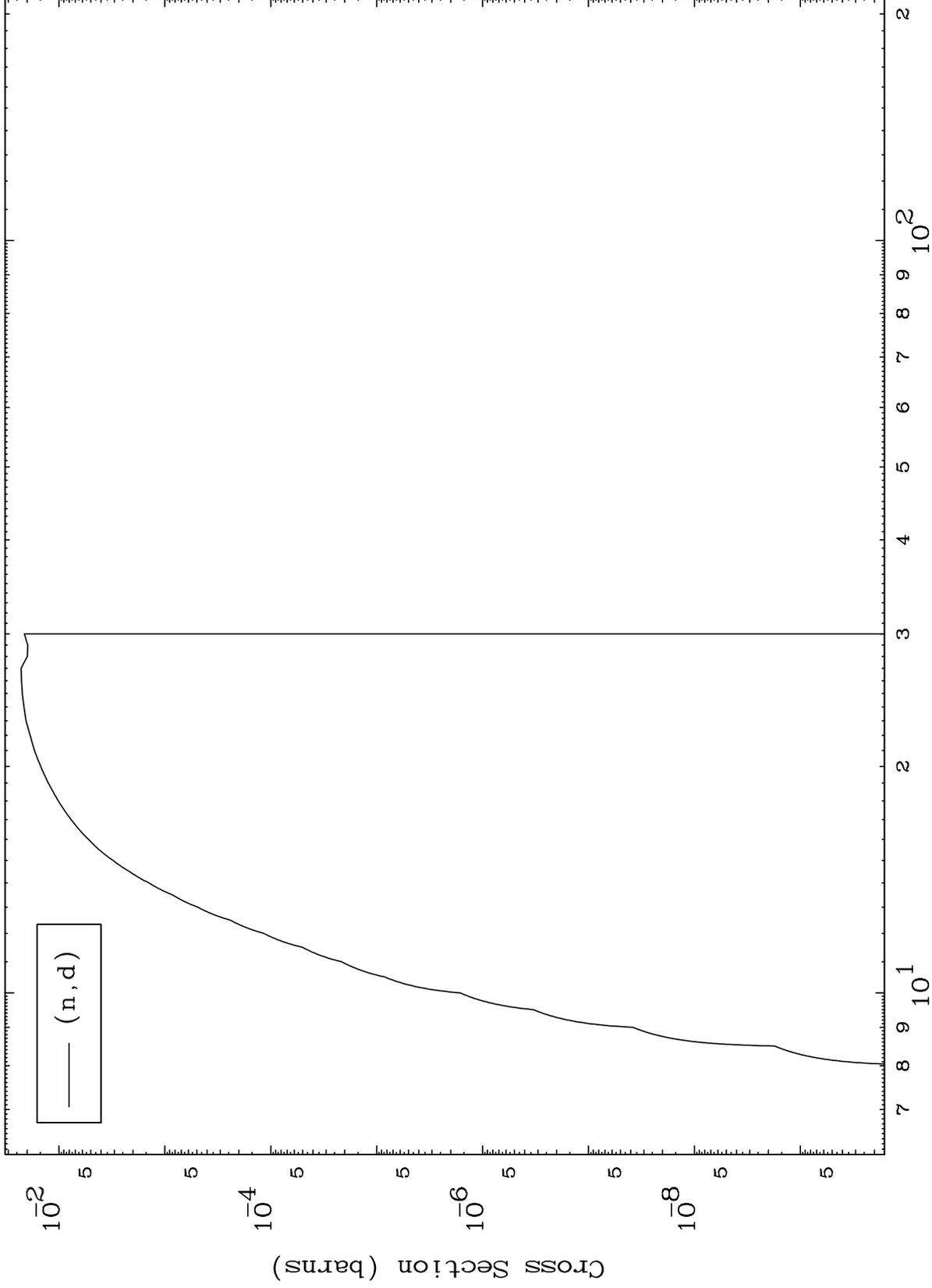
37-Rb-86



MAT 3728

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-86



13

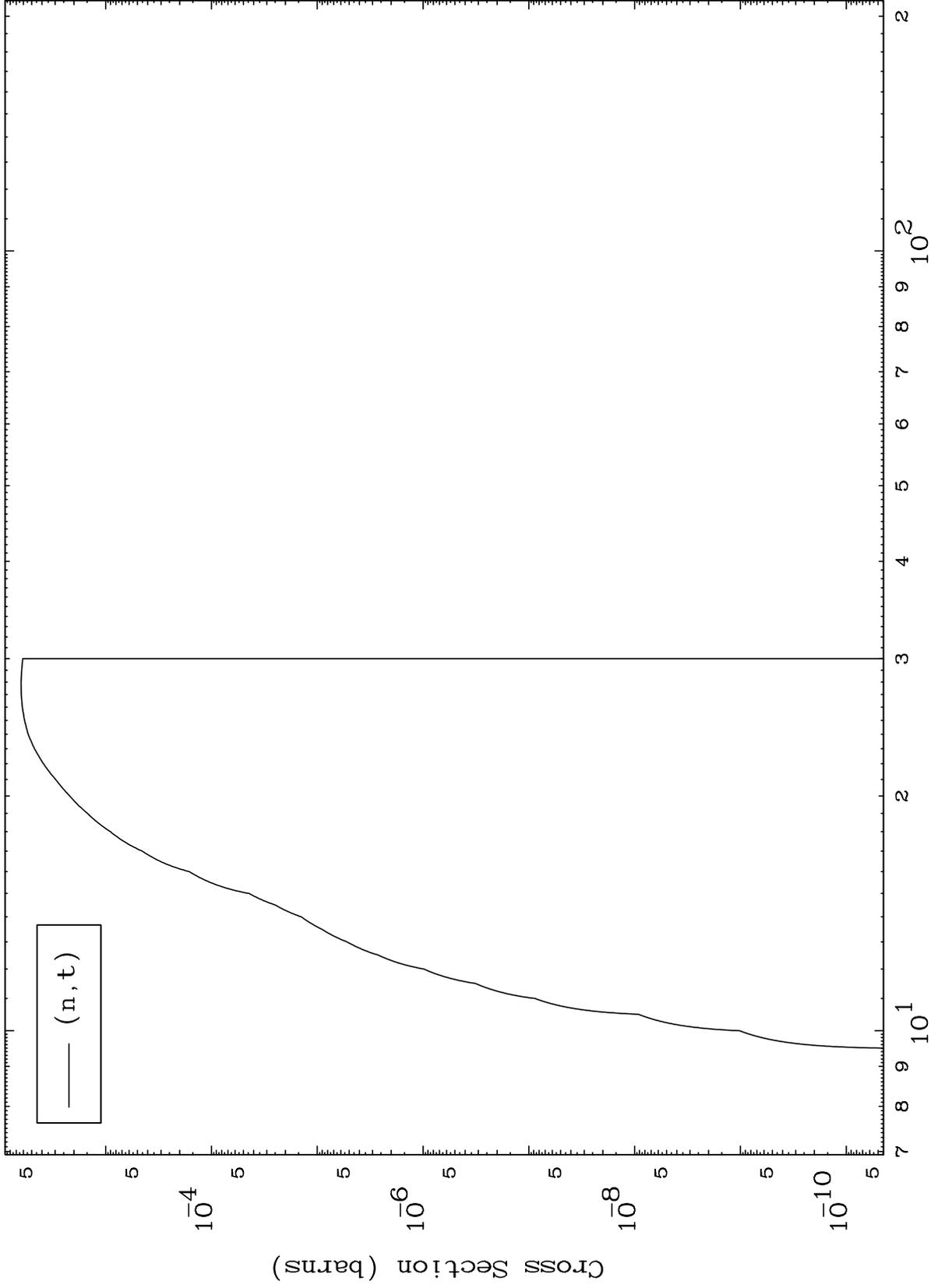
Incident Energy (MeV)

37-Rb-86

MAT 3728

(n,t) Levels
293 Kelvin Cross Sections

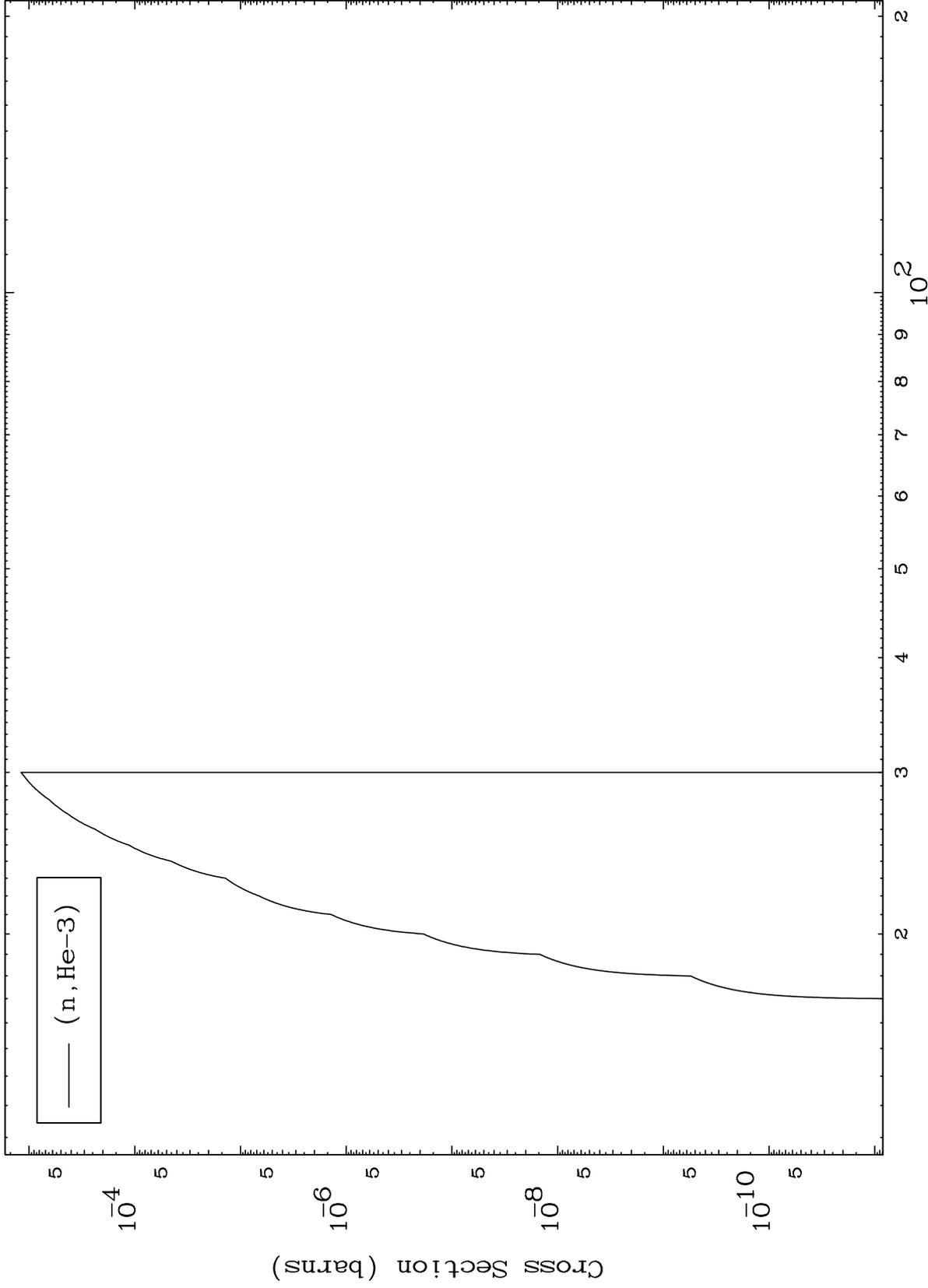
37-Rb-86



14

Incident Energy (MeV)

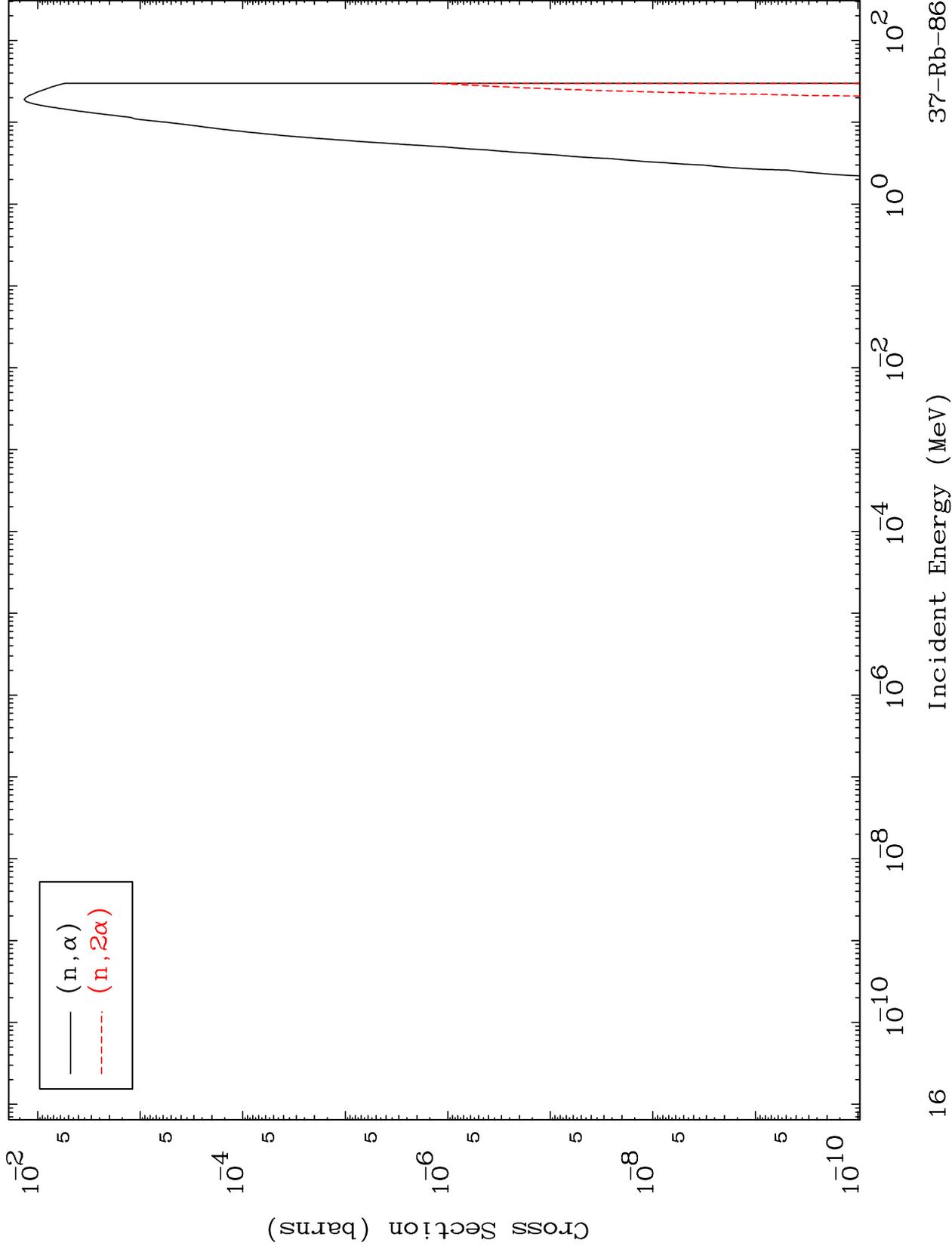
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MAT 3728

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-86



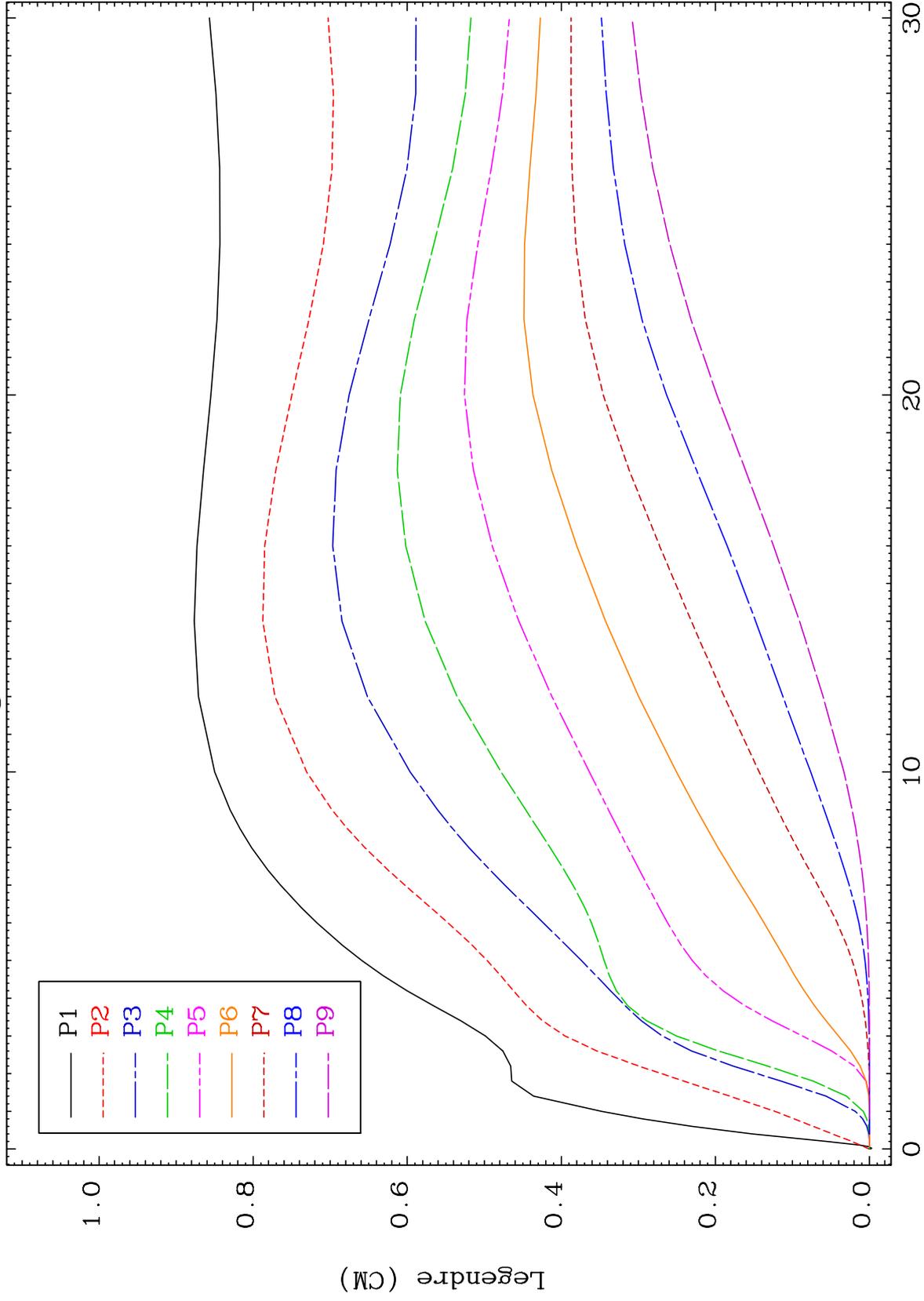
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37-Rb-86

MAT 3728

Elastic Legendre Coefficients

37-Rb-86



17

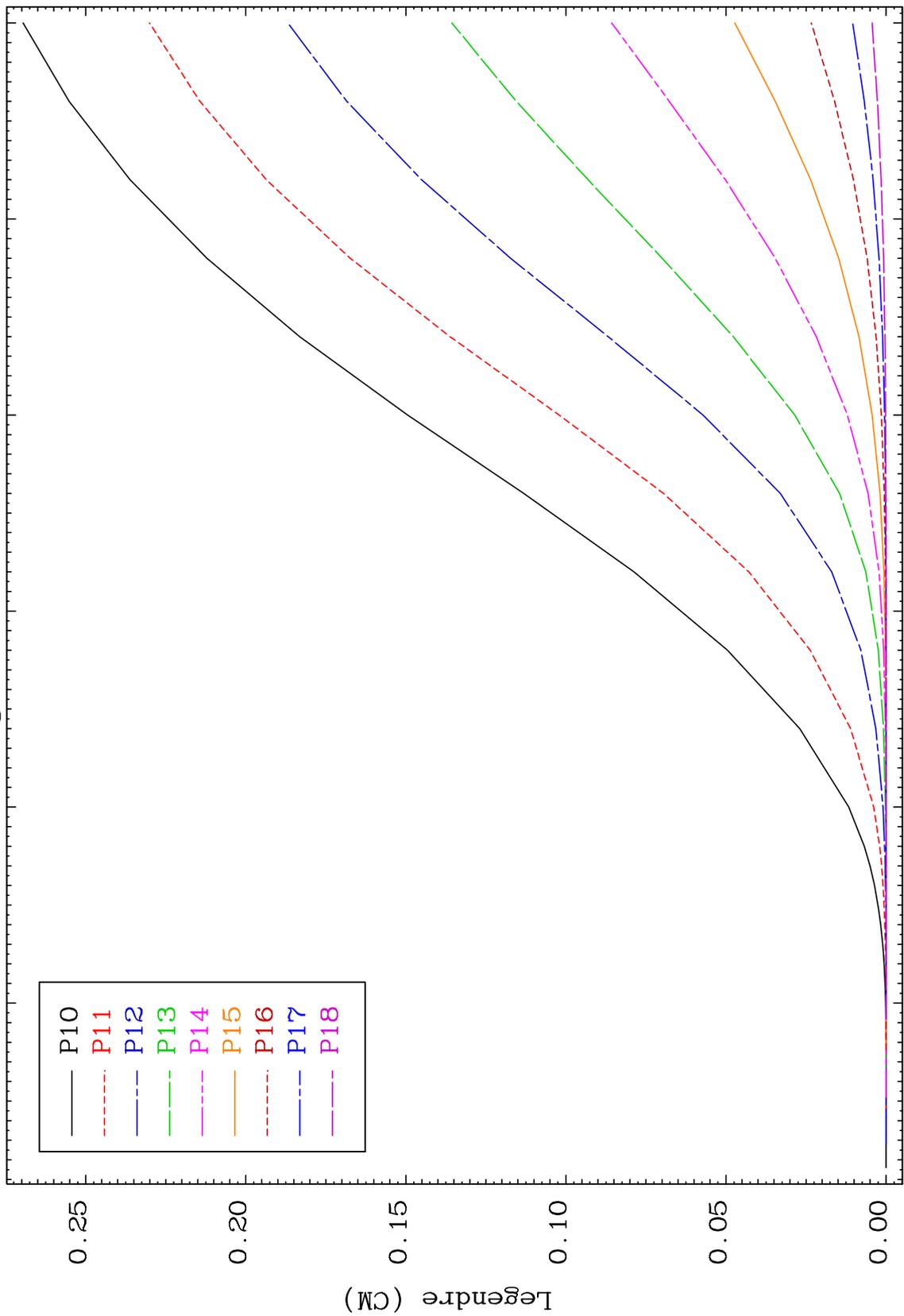
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37-Rb-86

MAT 3728

Elastic Legendre Coefficients

37-Rb-86



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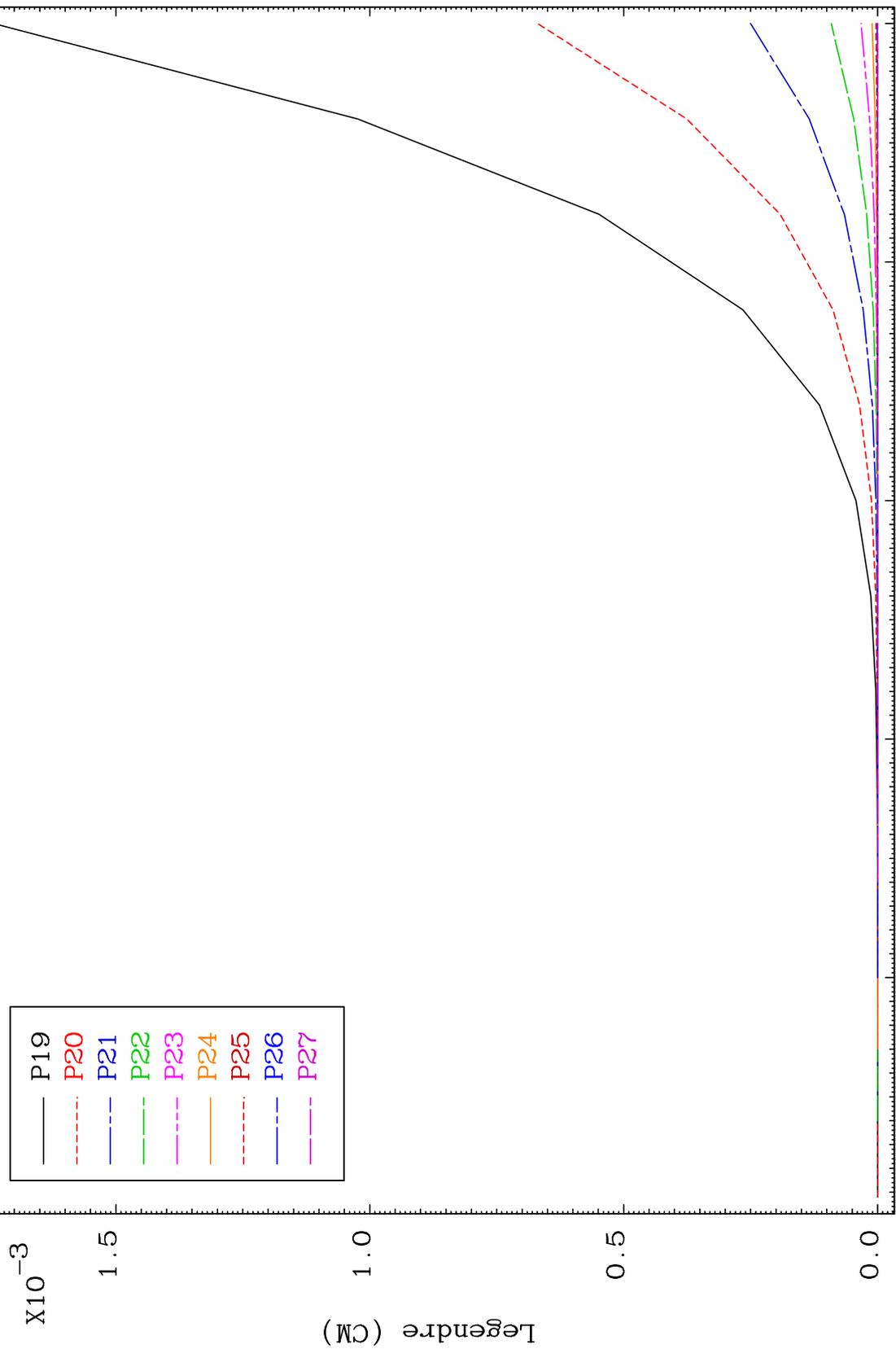
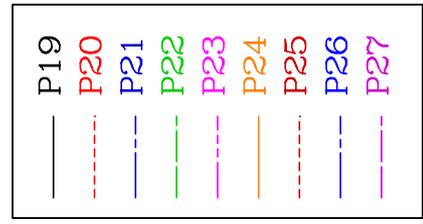
Incident Energy (MeV)

37-Rb-86

MAT 3728

Elastic Legendre Coefficients

37-Rb-86



19

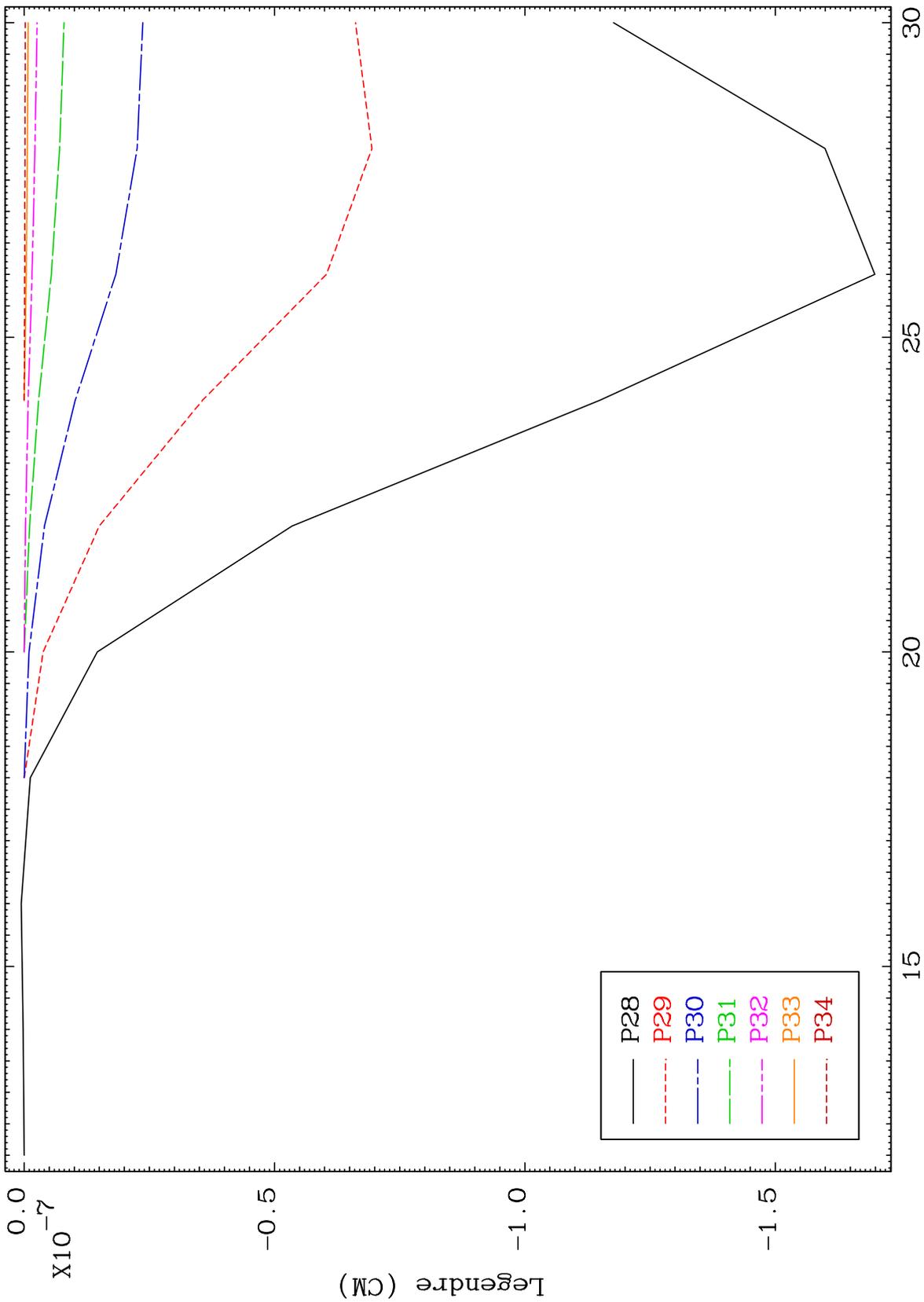
Incident Energy (MeV)

37-Rb-86

MAT 3728

37-Rb-86

Elastic Legendre Coefficients



20

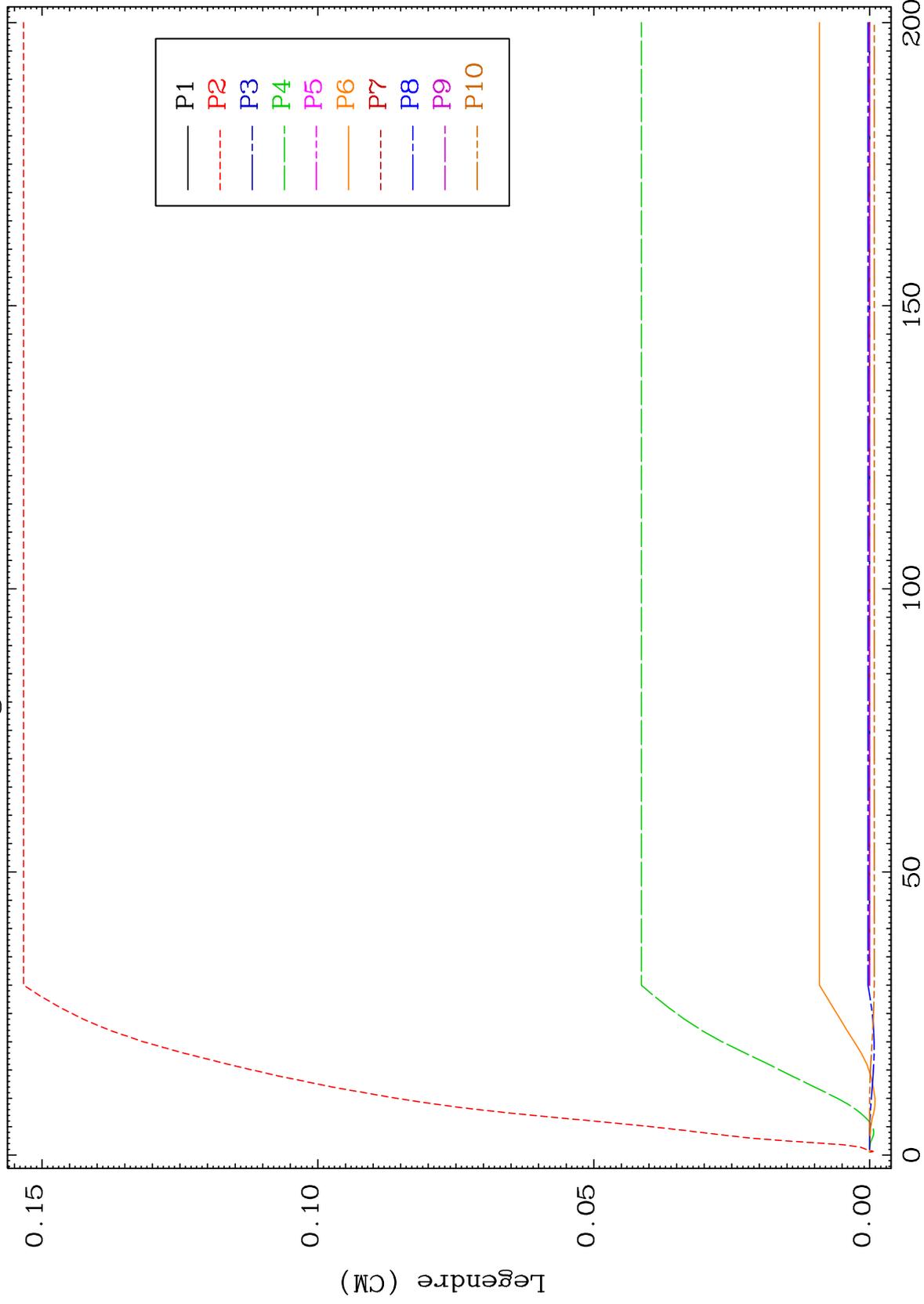
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

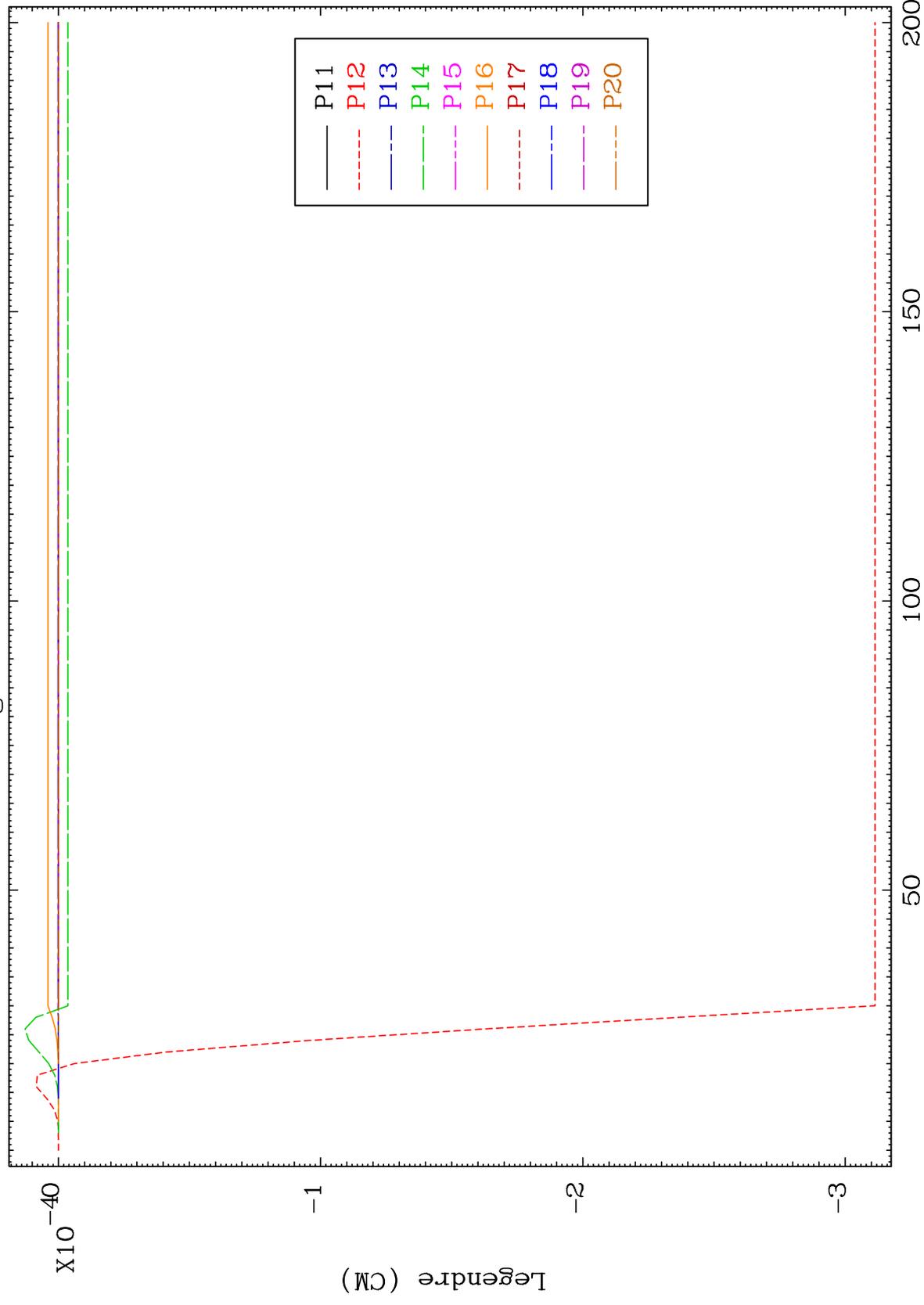
Incident Energy (MeV)

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MAT 3728

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

37-Rb-86



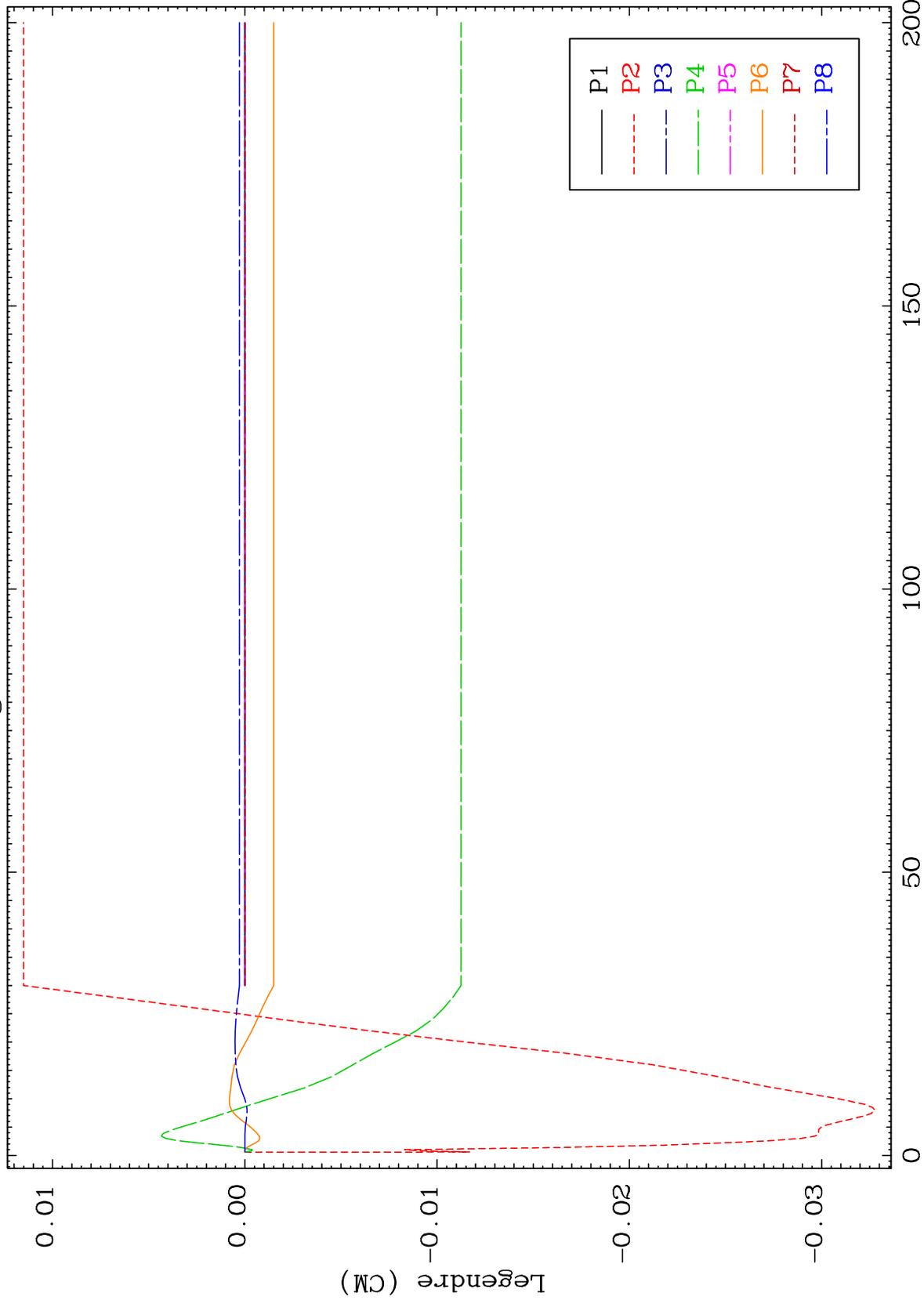
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37-Rb-86

MAT 3728

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

37-Rb-86



23

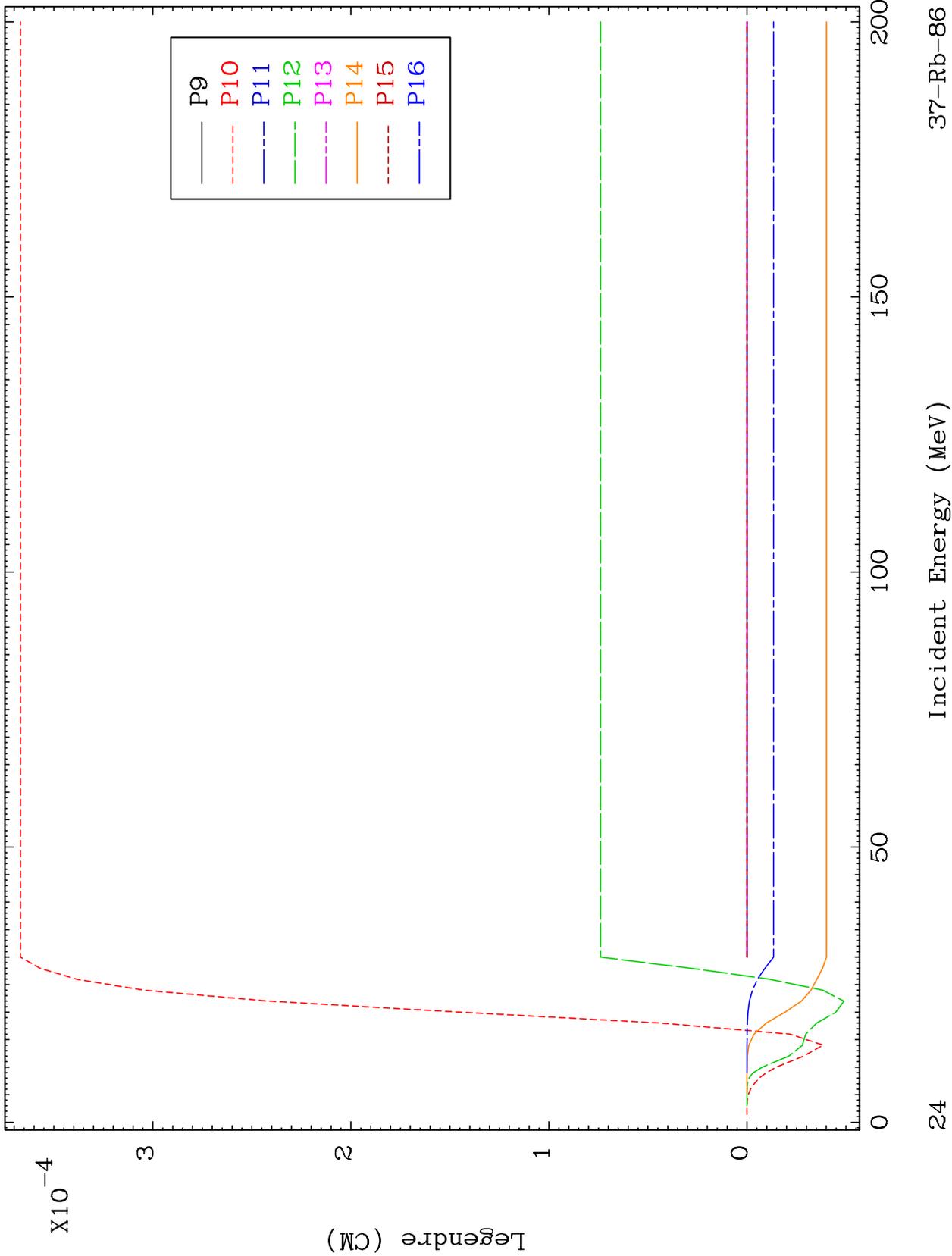
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86

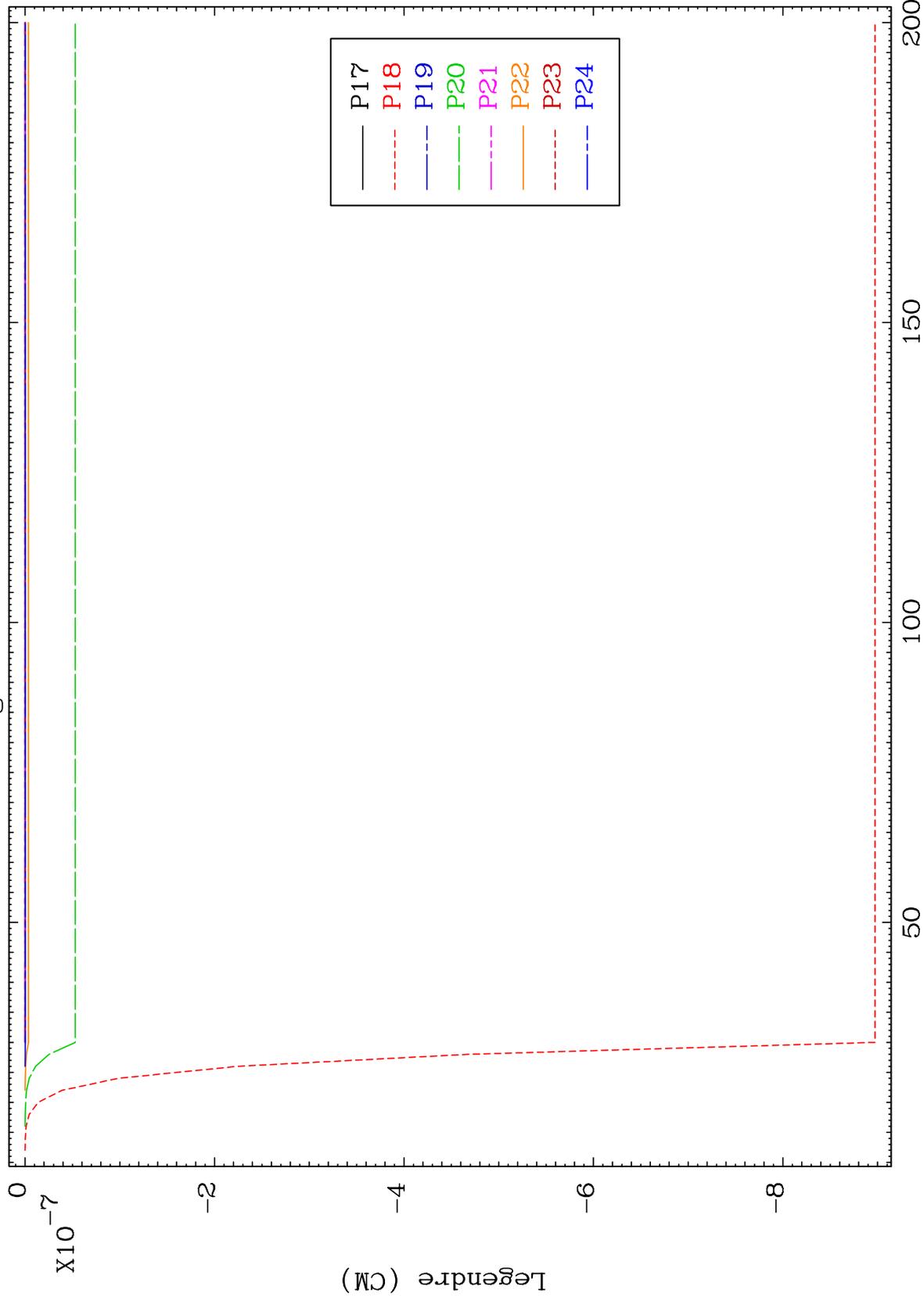


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MAT 3728

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

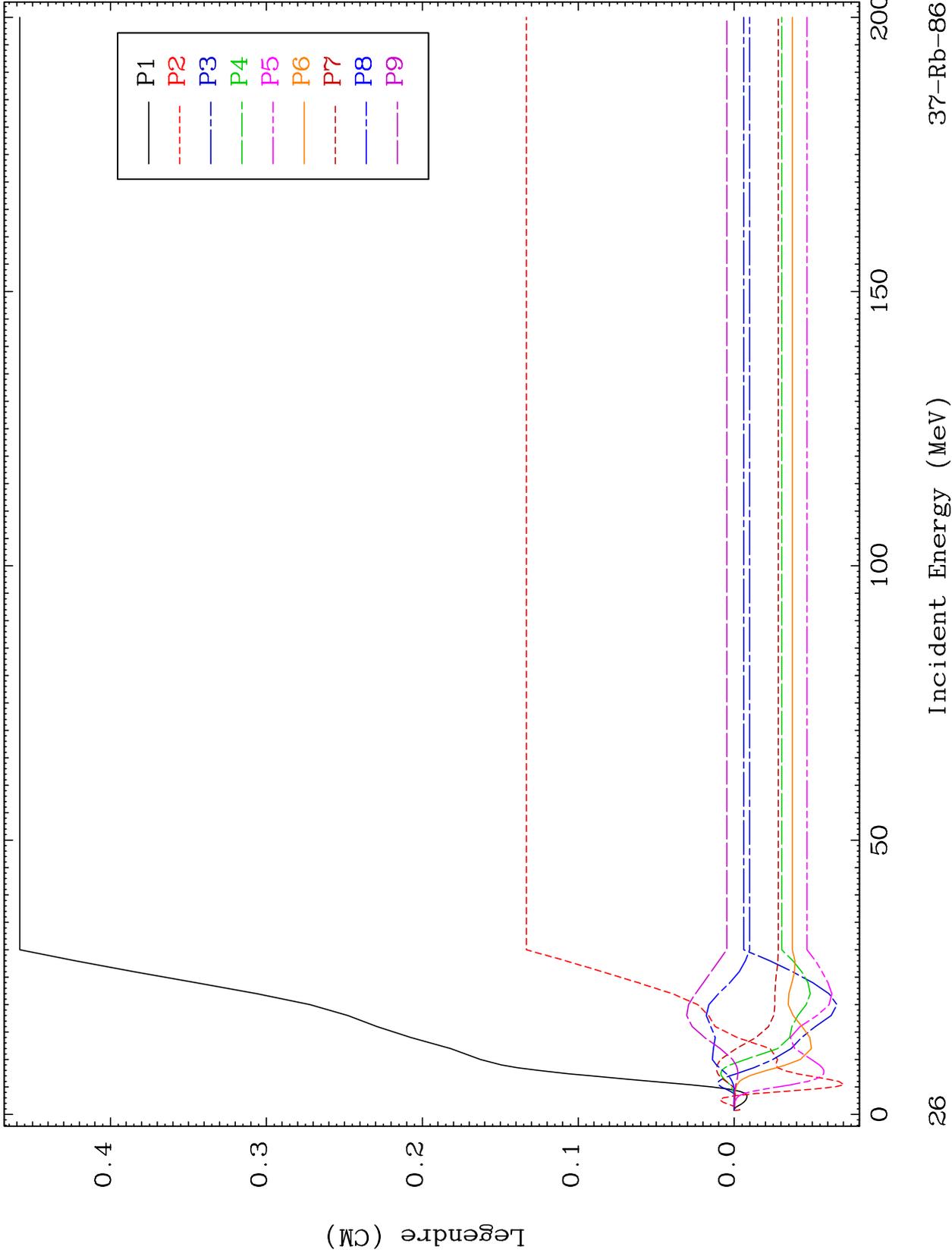
37-Rb-86



37-Rb-86

Incident Energy (MeV)

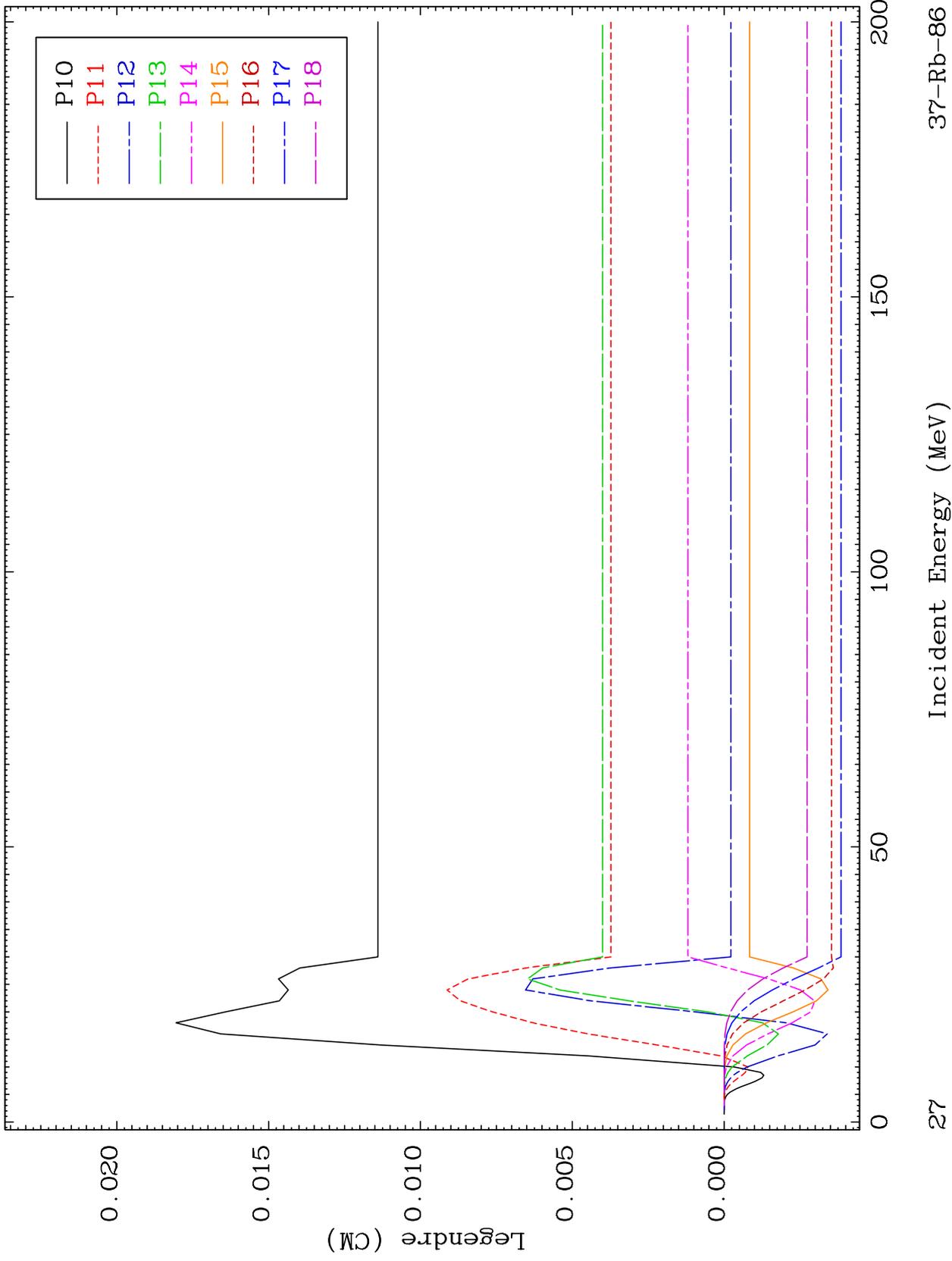
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MAT 3728

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

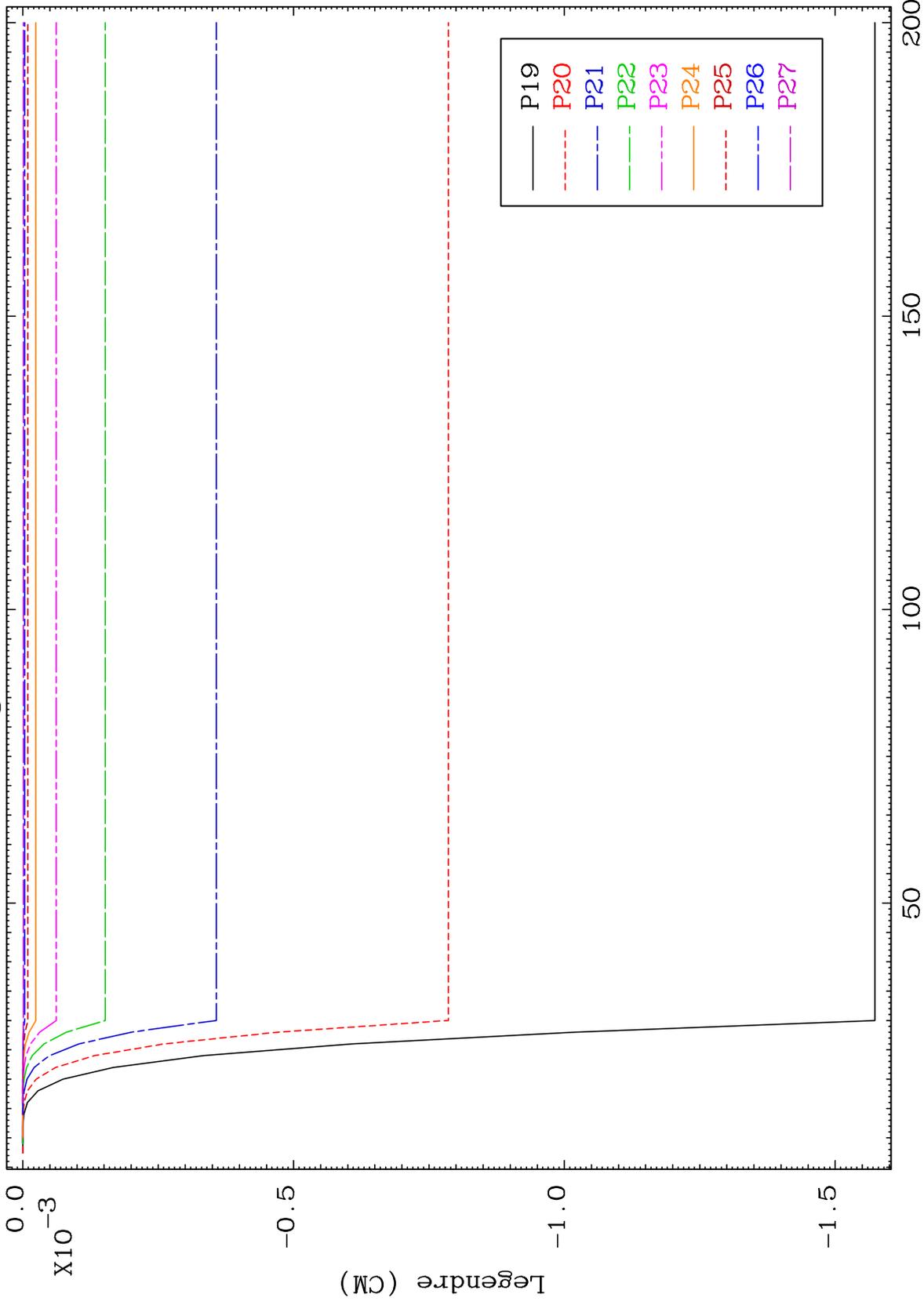
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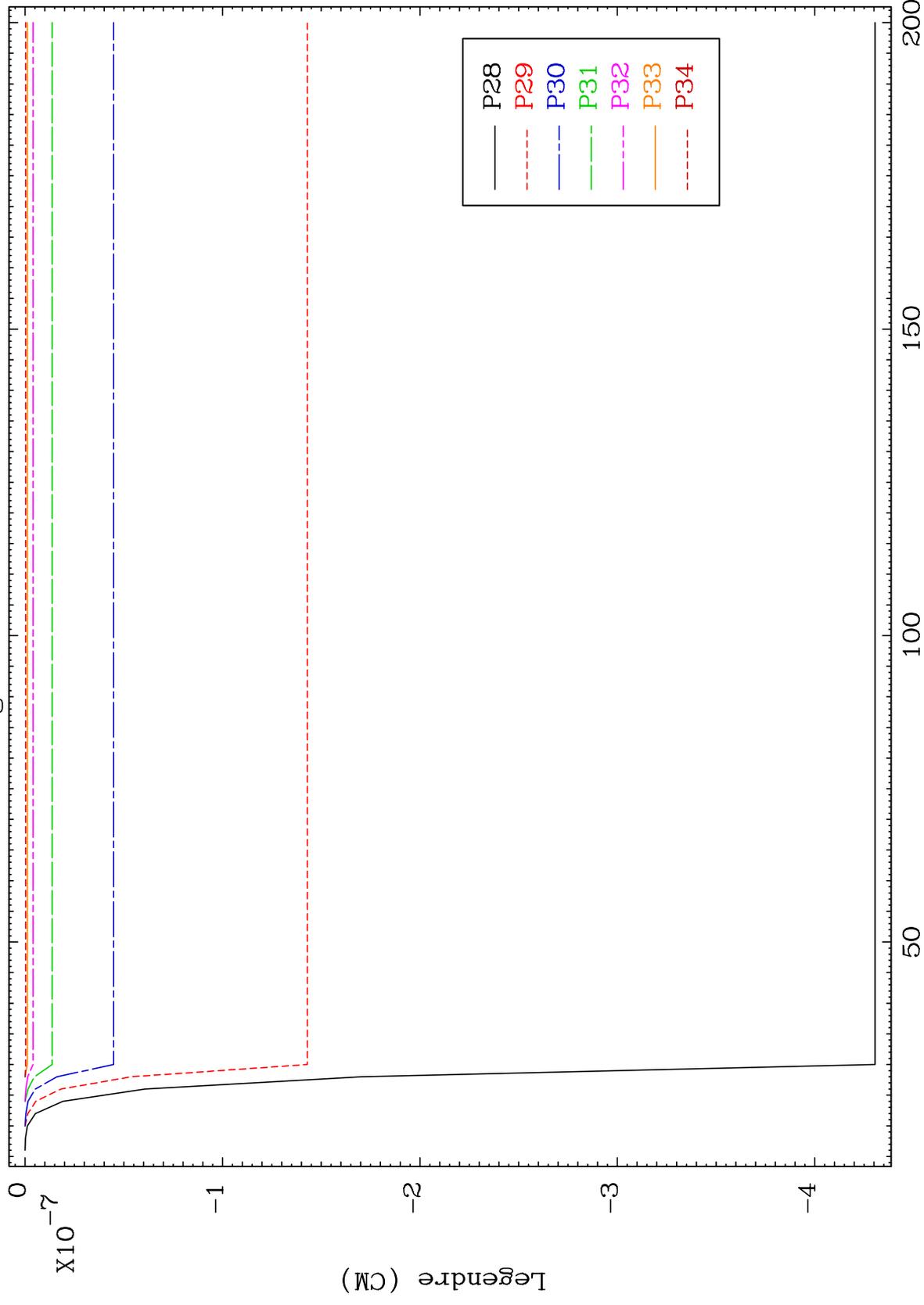


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Incident Energy (MeV)

37-Rb-86

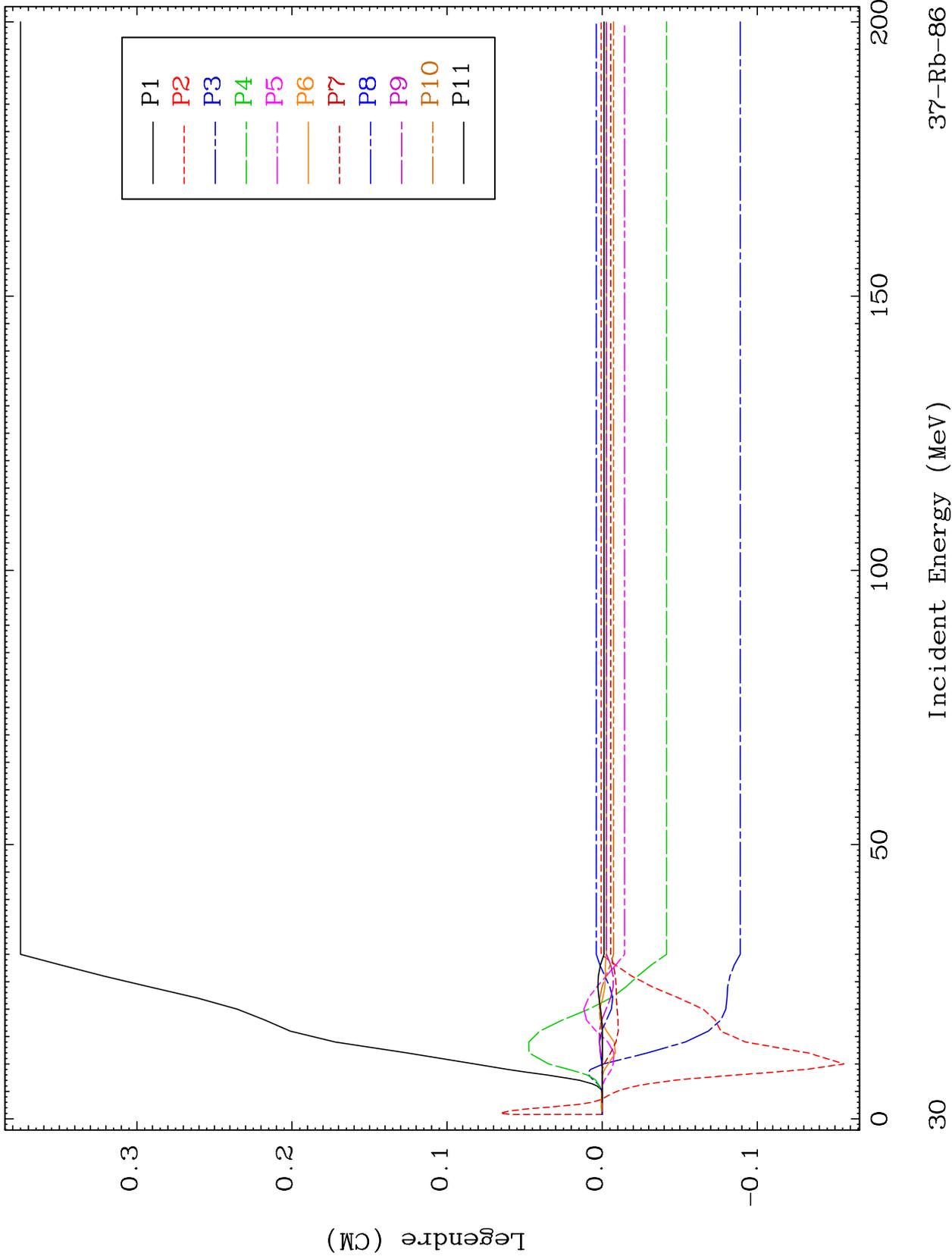




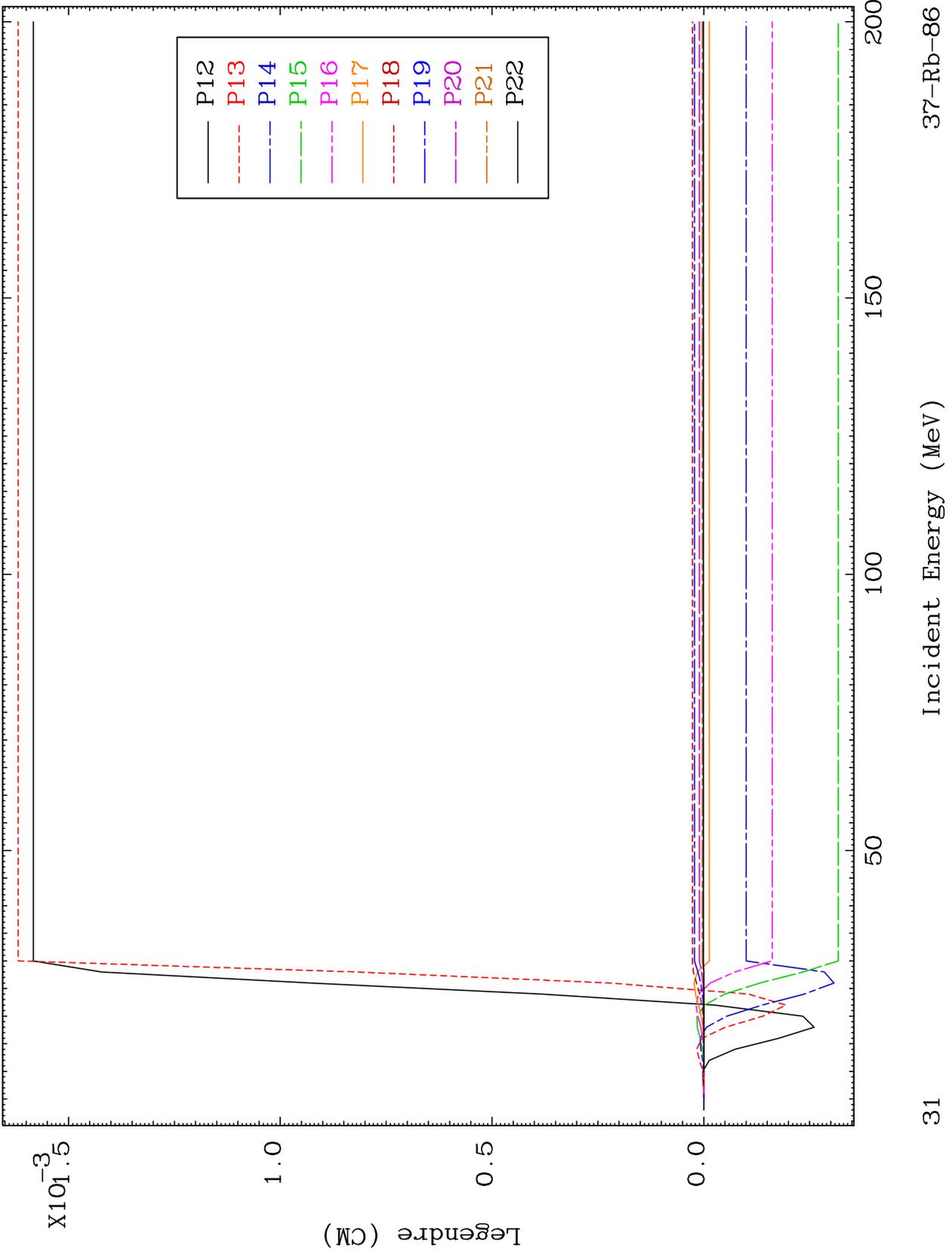
MAT 3728

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

37-Rb-86



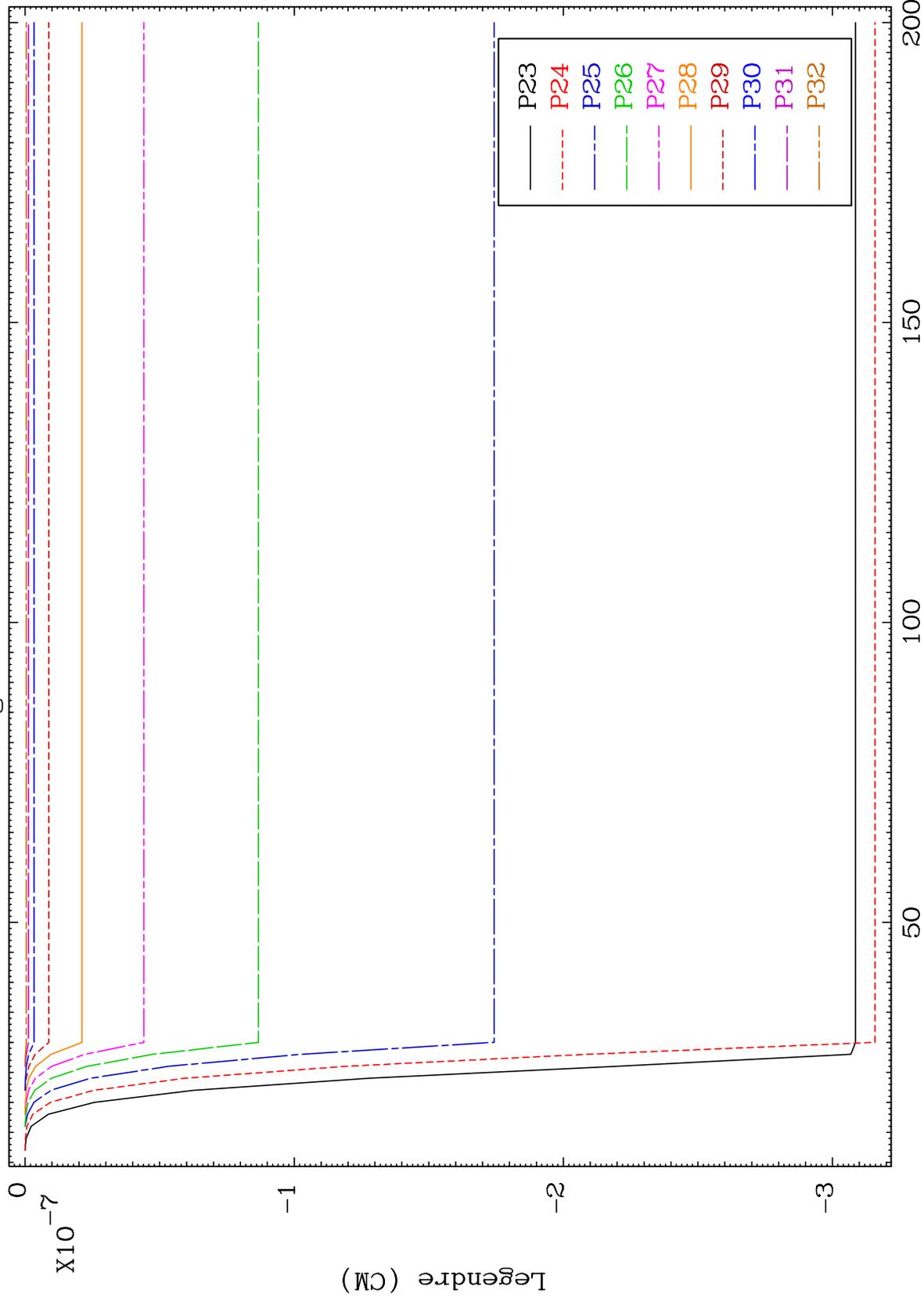
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MAT 3728

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

37-Rb-86



32

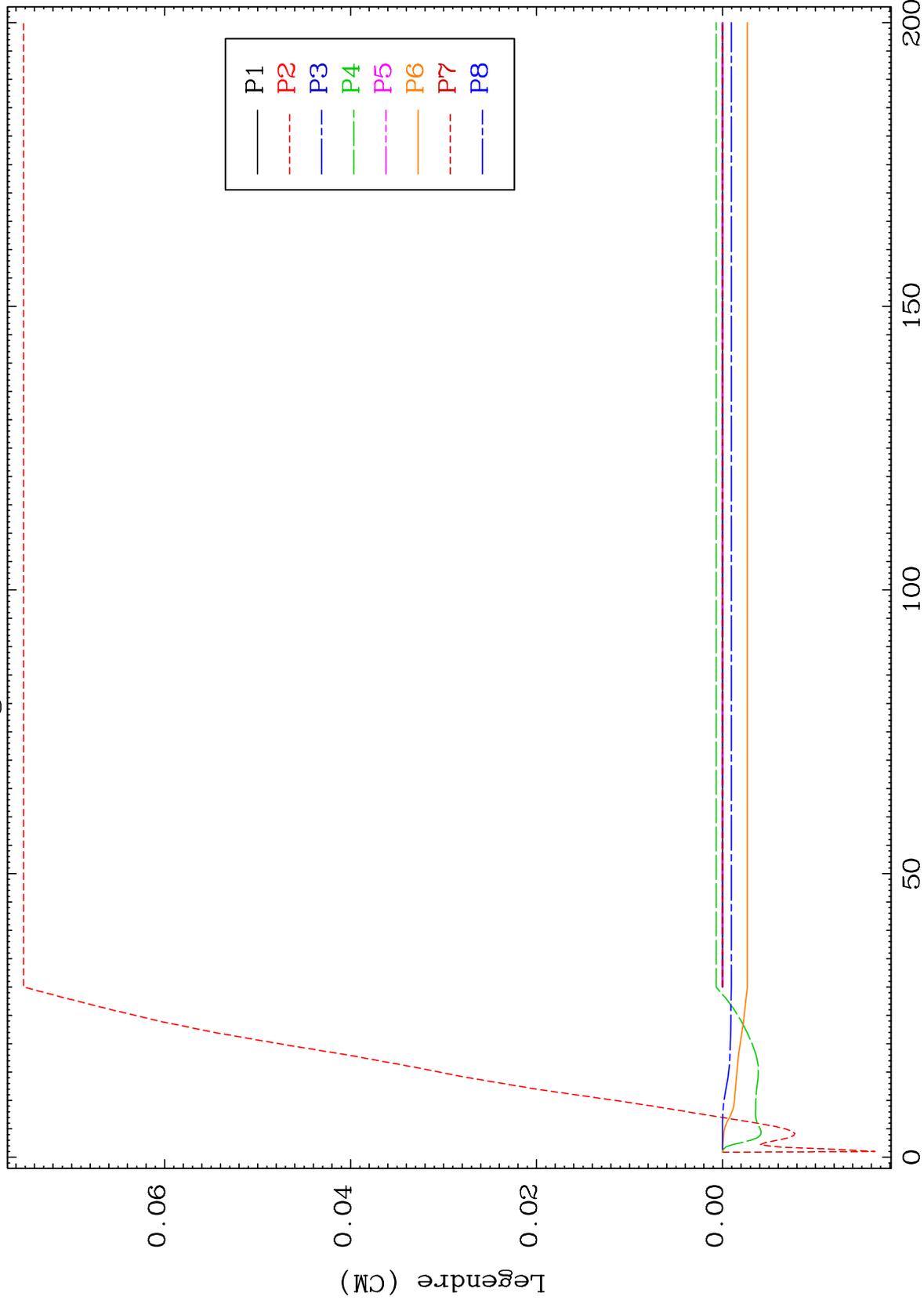
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



33

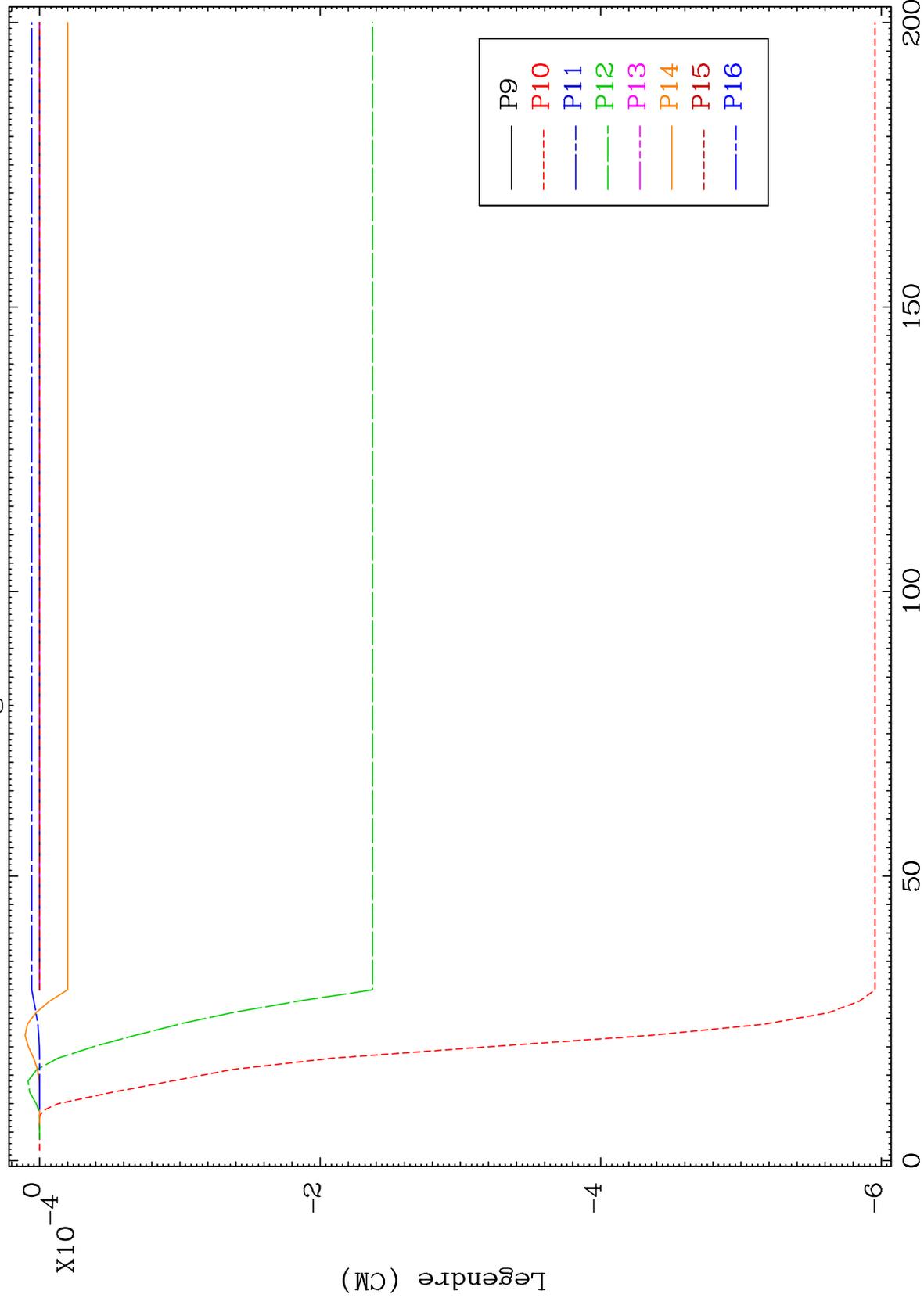
Incident Energy (MeV)

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MAT 3728

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

37-Rb-86



34

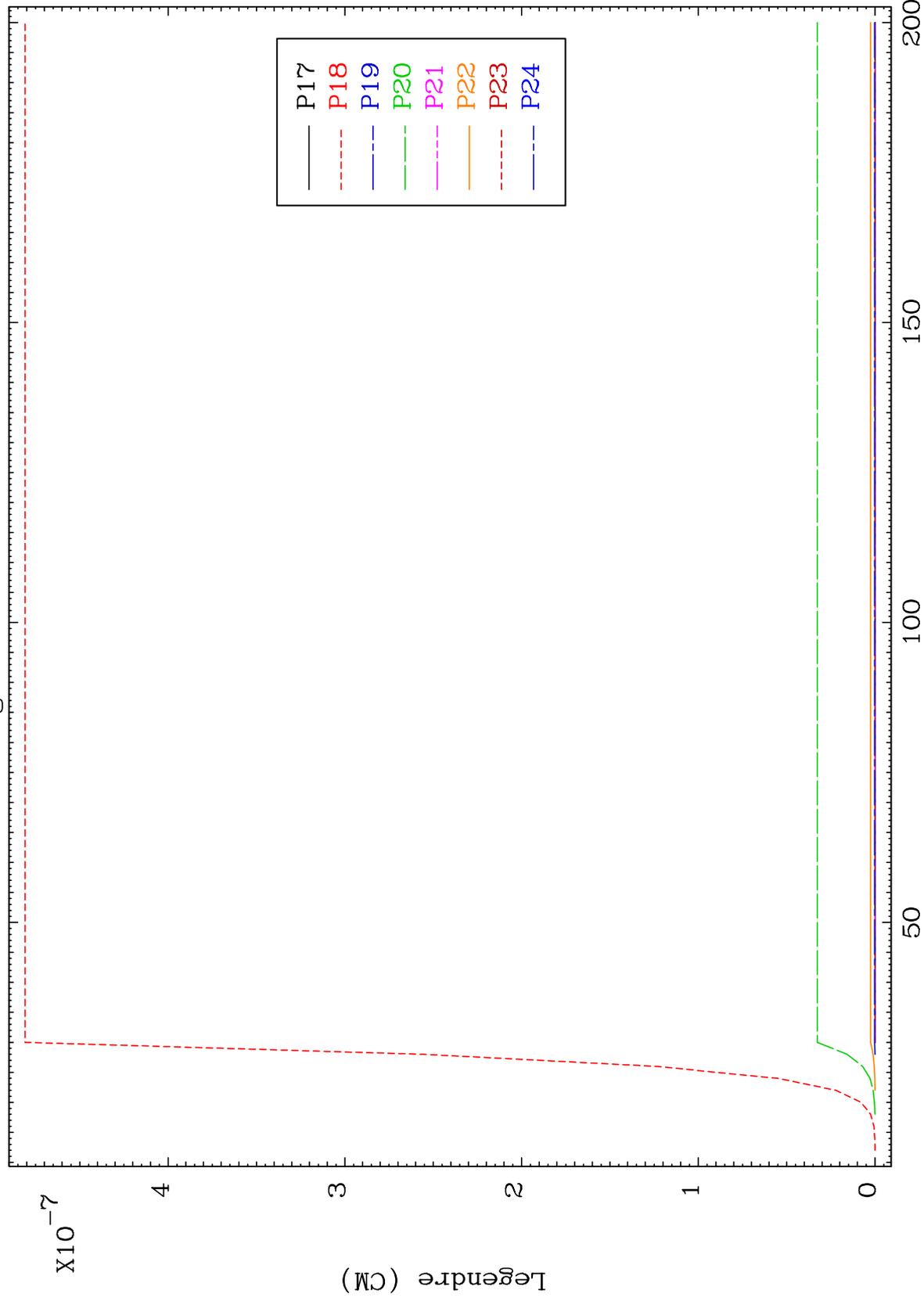
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

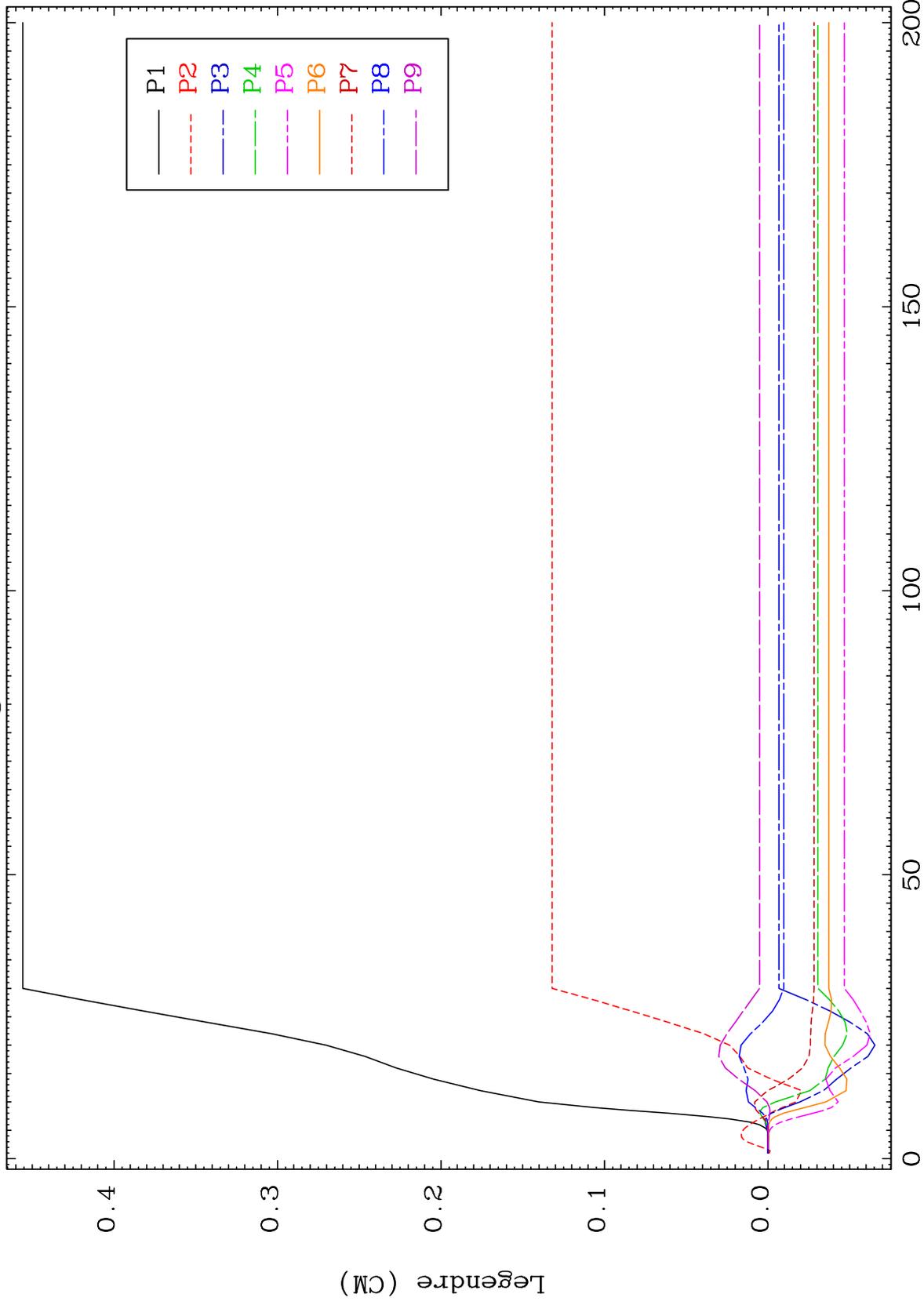
Incident Energy (MeV)

35

MAT 3728

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

37-Rb-86



36

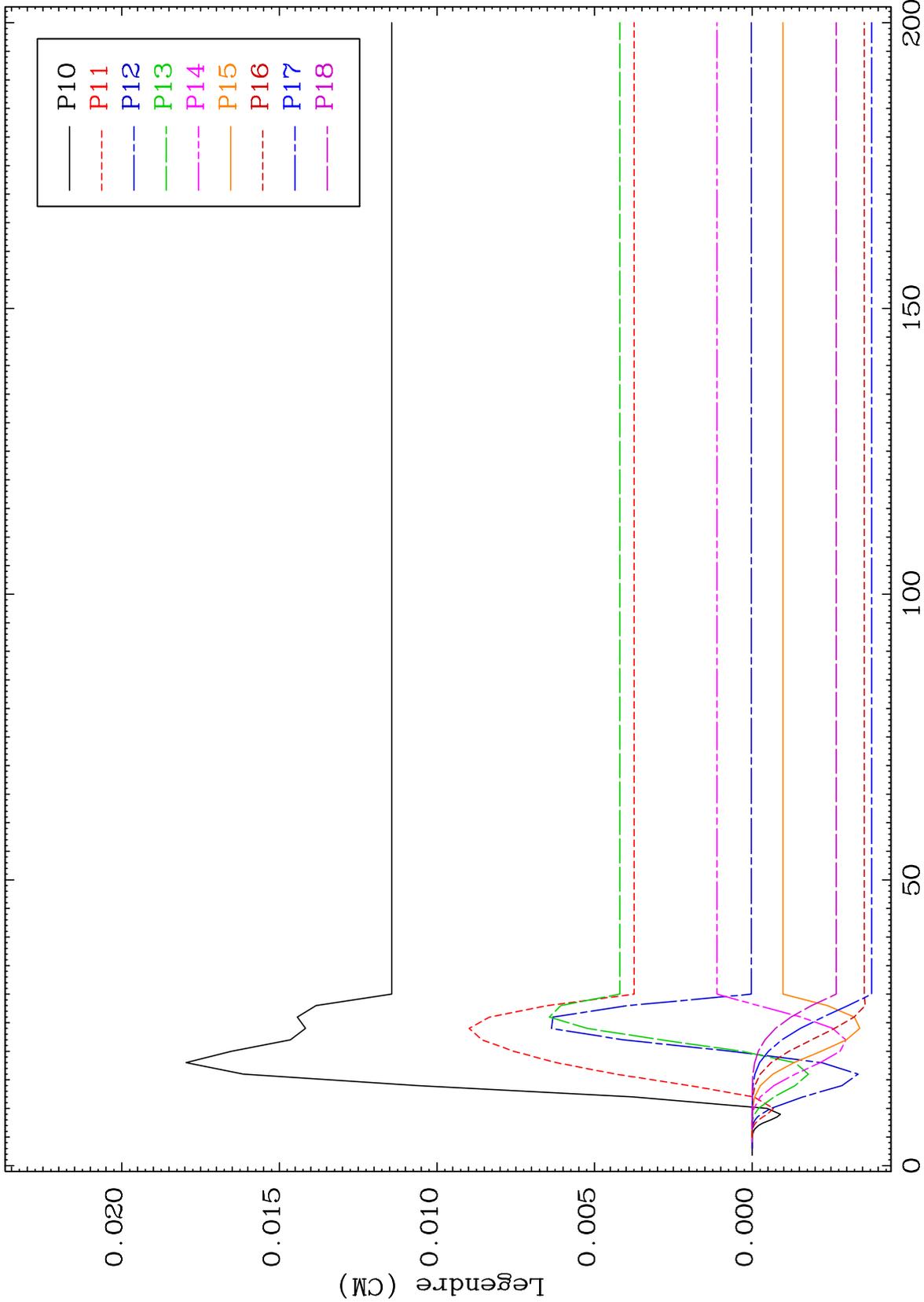
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86

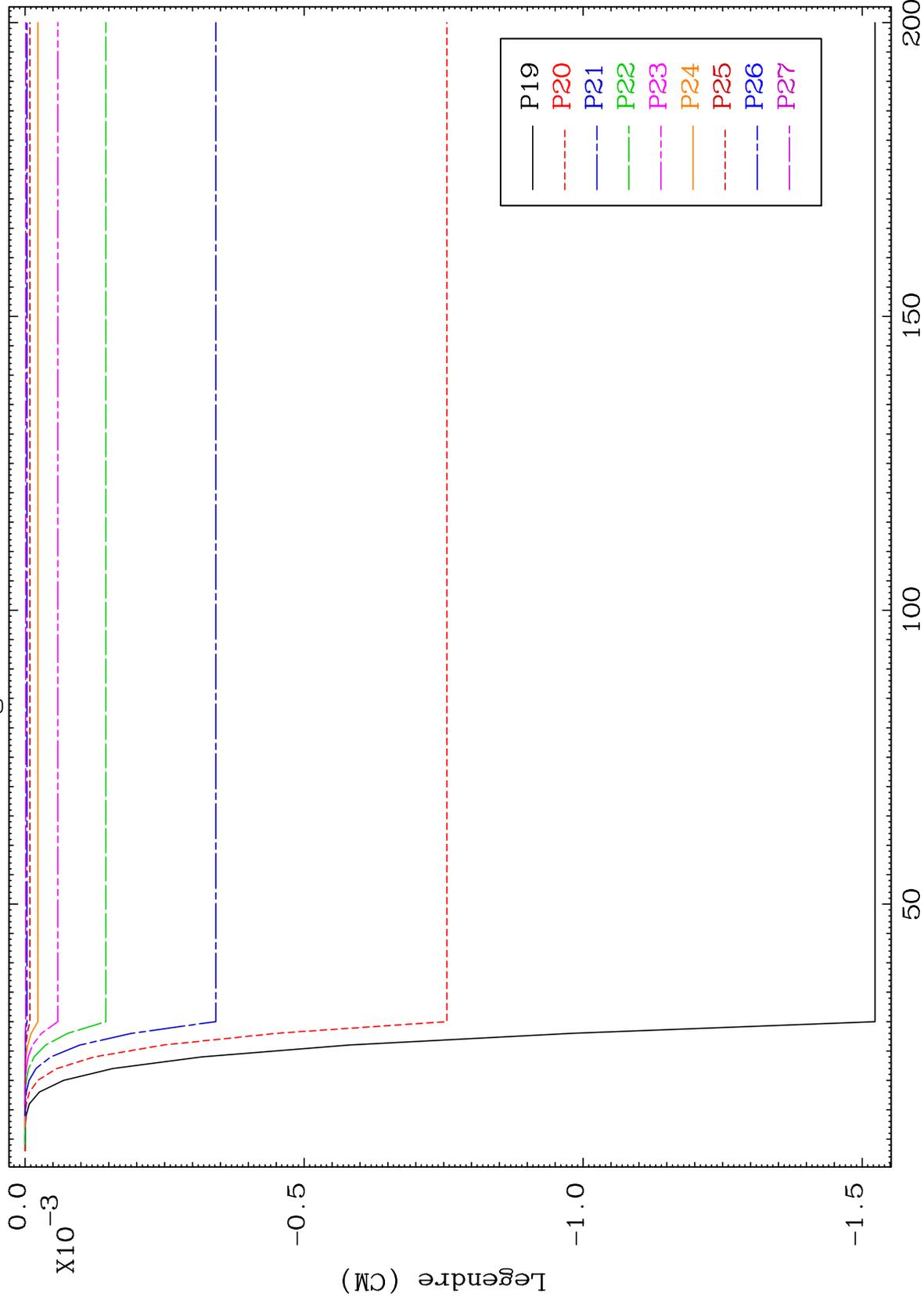


37

Incident Energy (MeV)

37-Rb-86

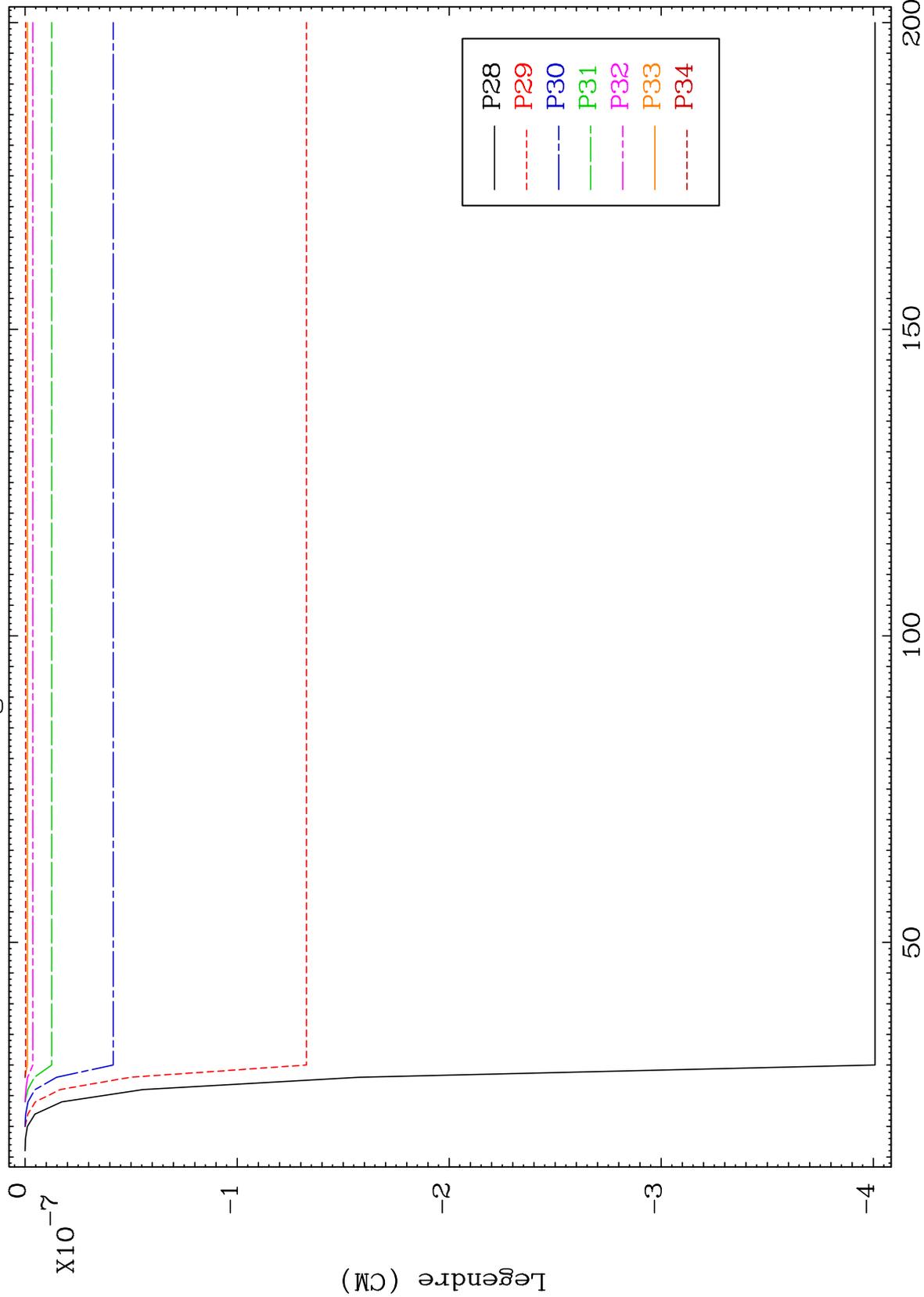
Legendre Coefficients



MAT 3728

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

37-Rb-86



39

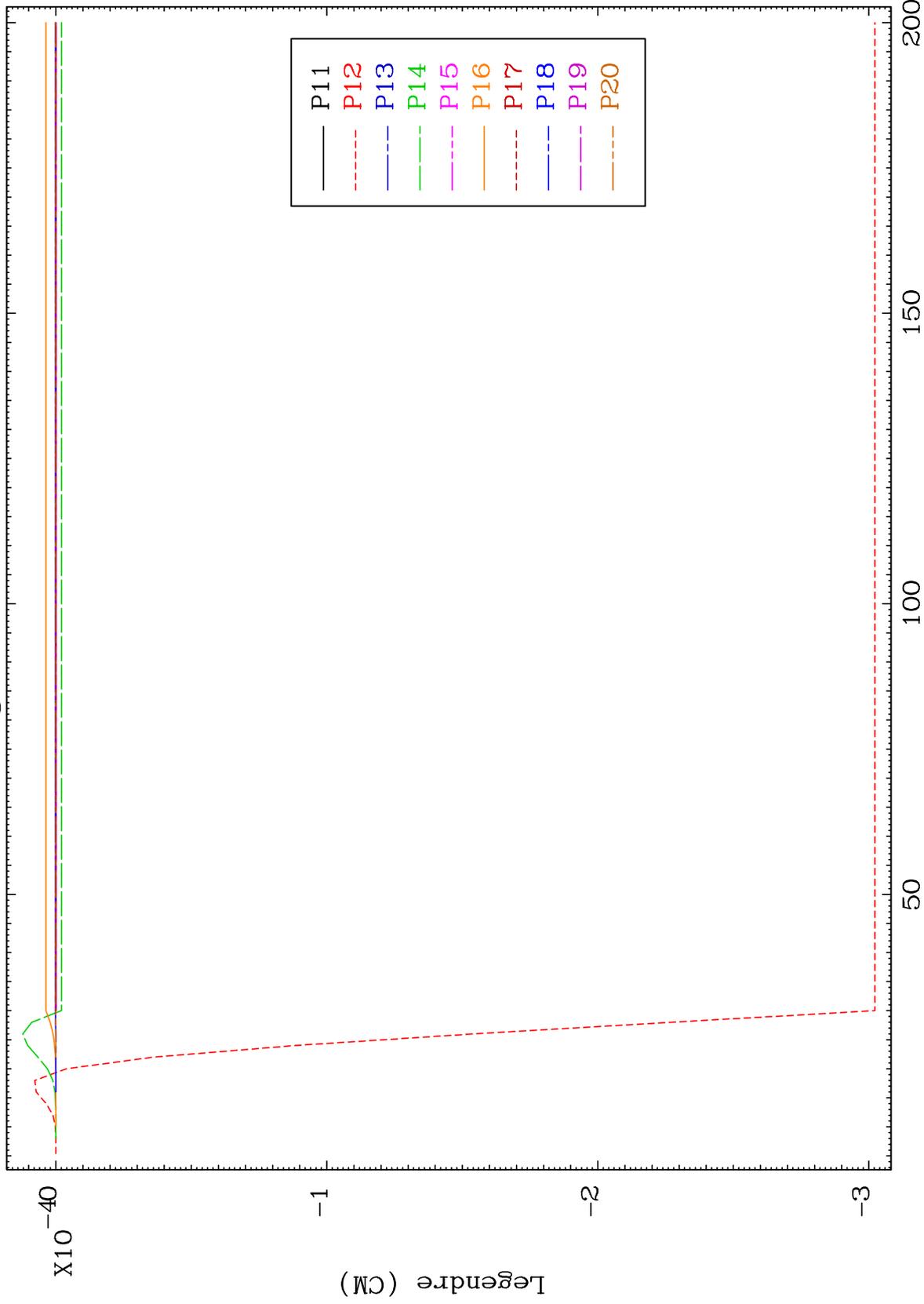
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



41

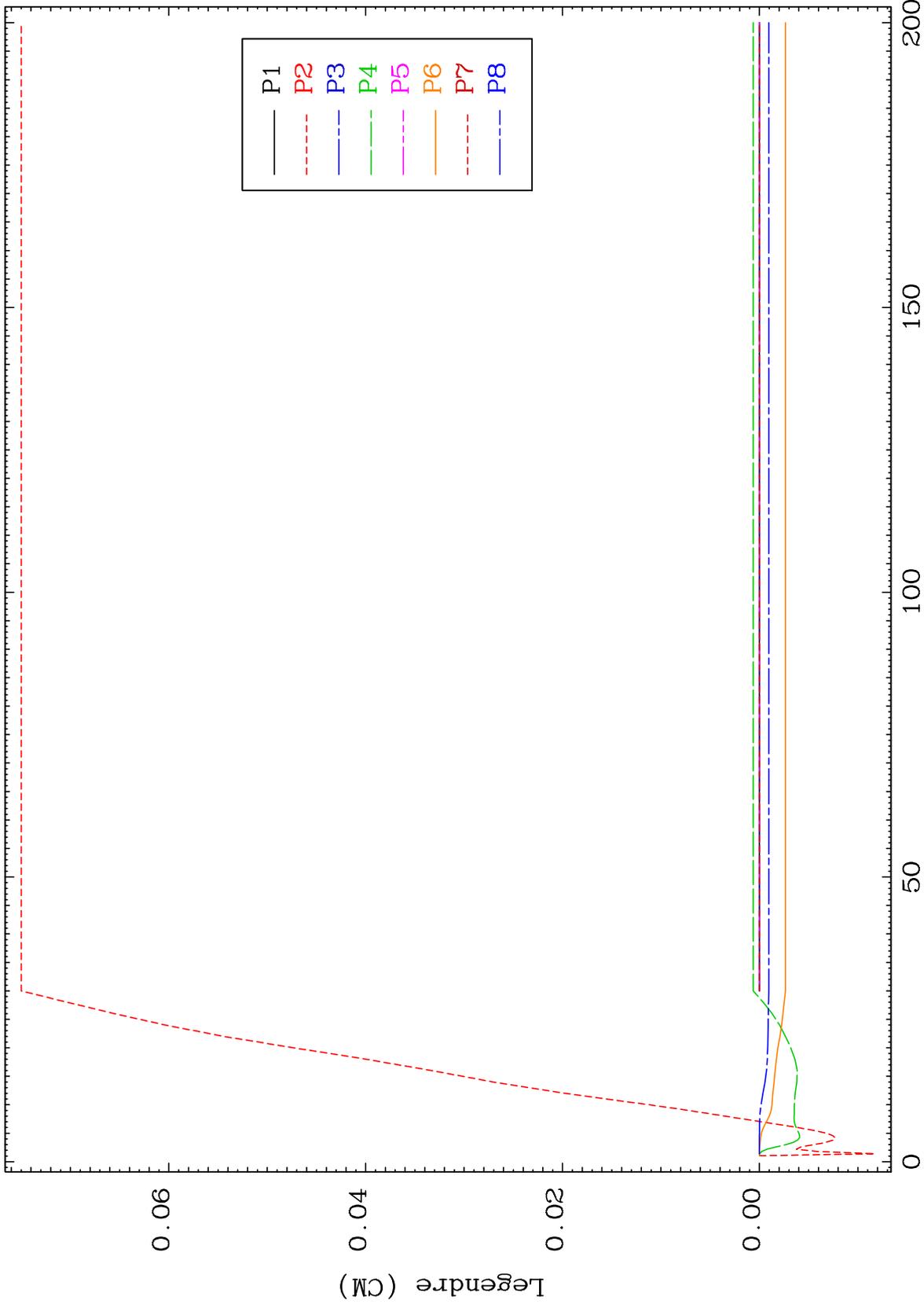
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



42

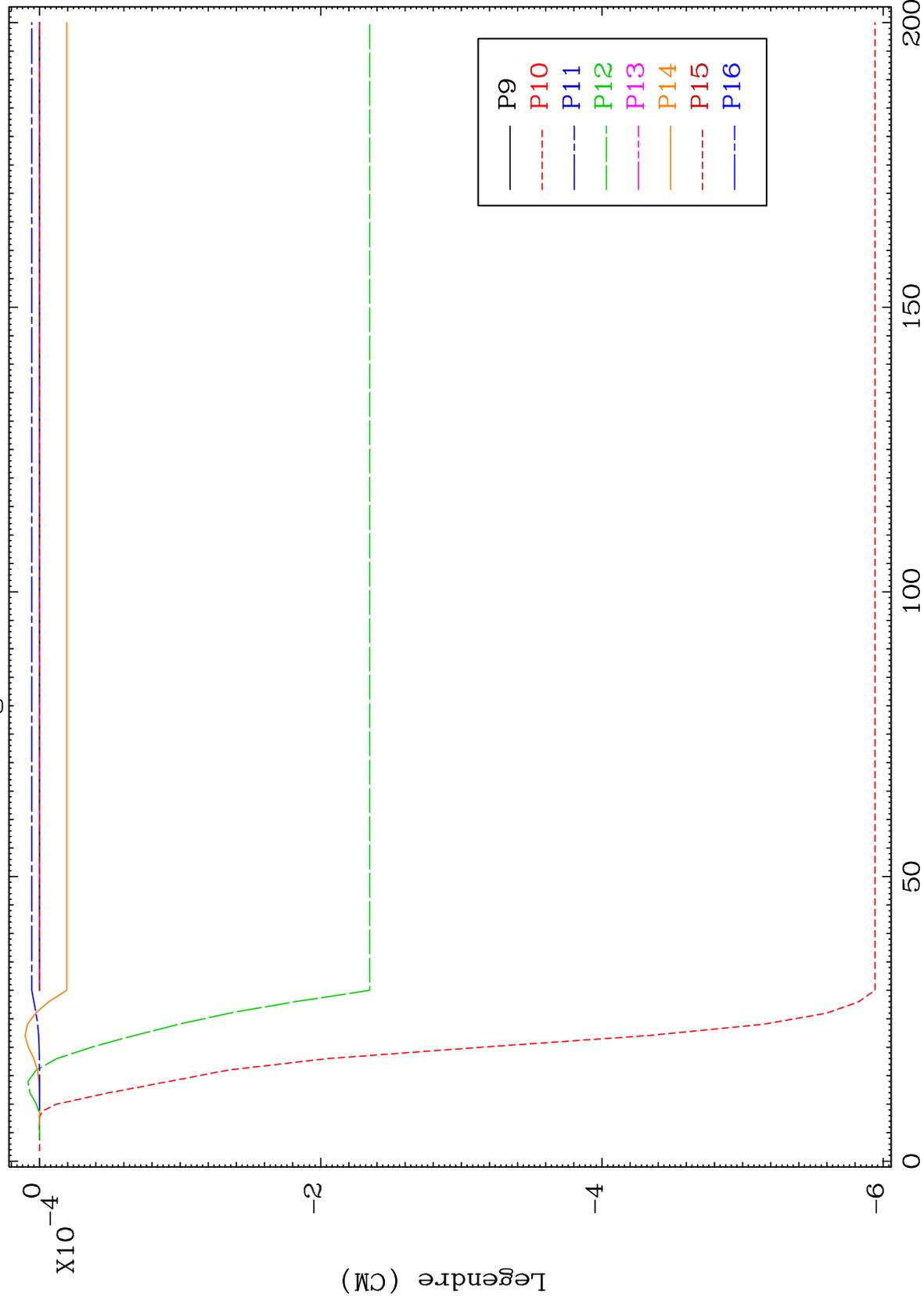
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



43

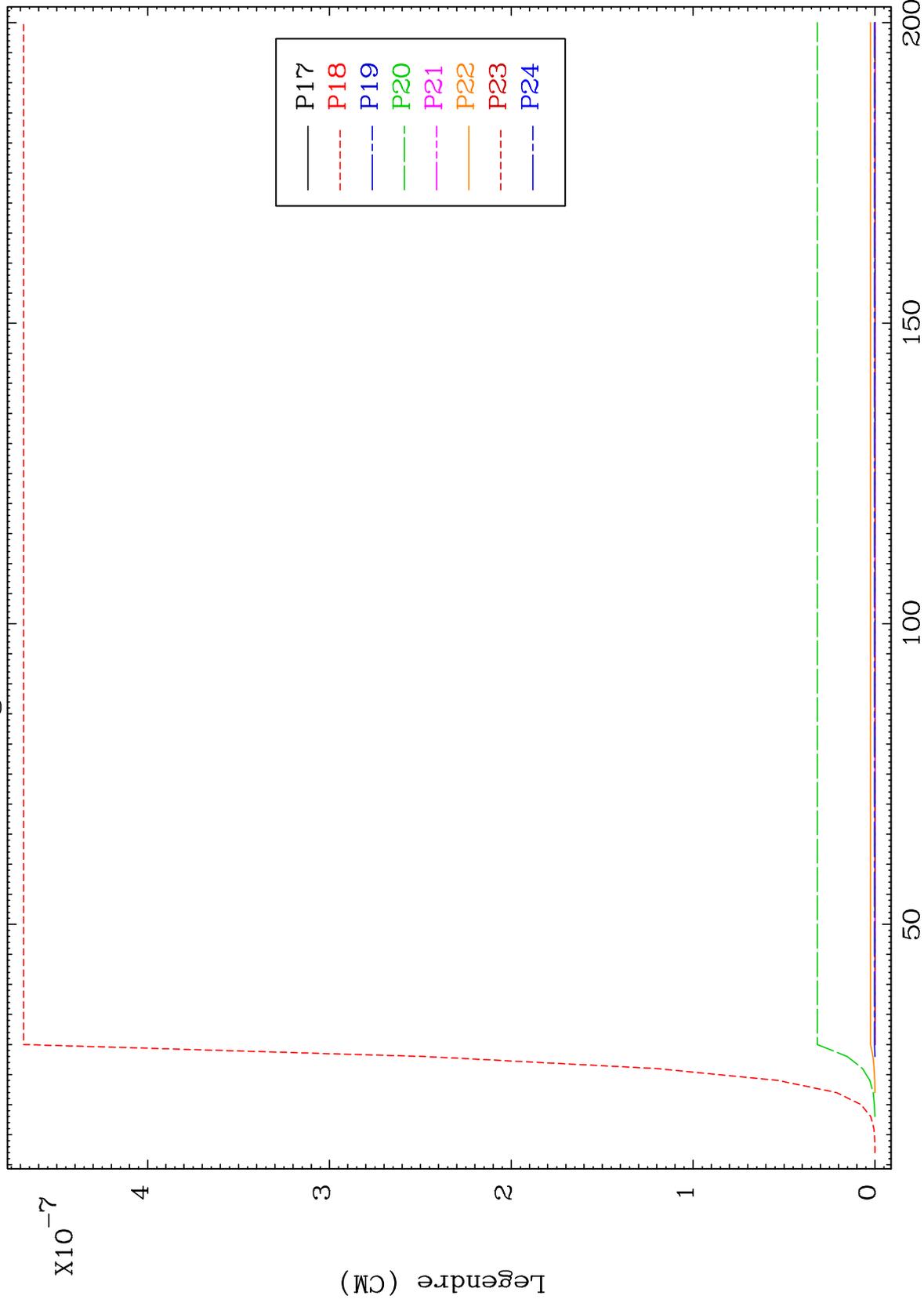
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



44

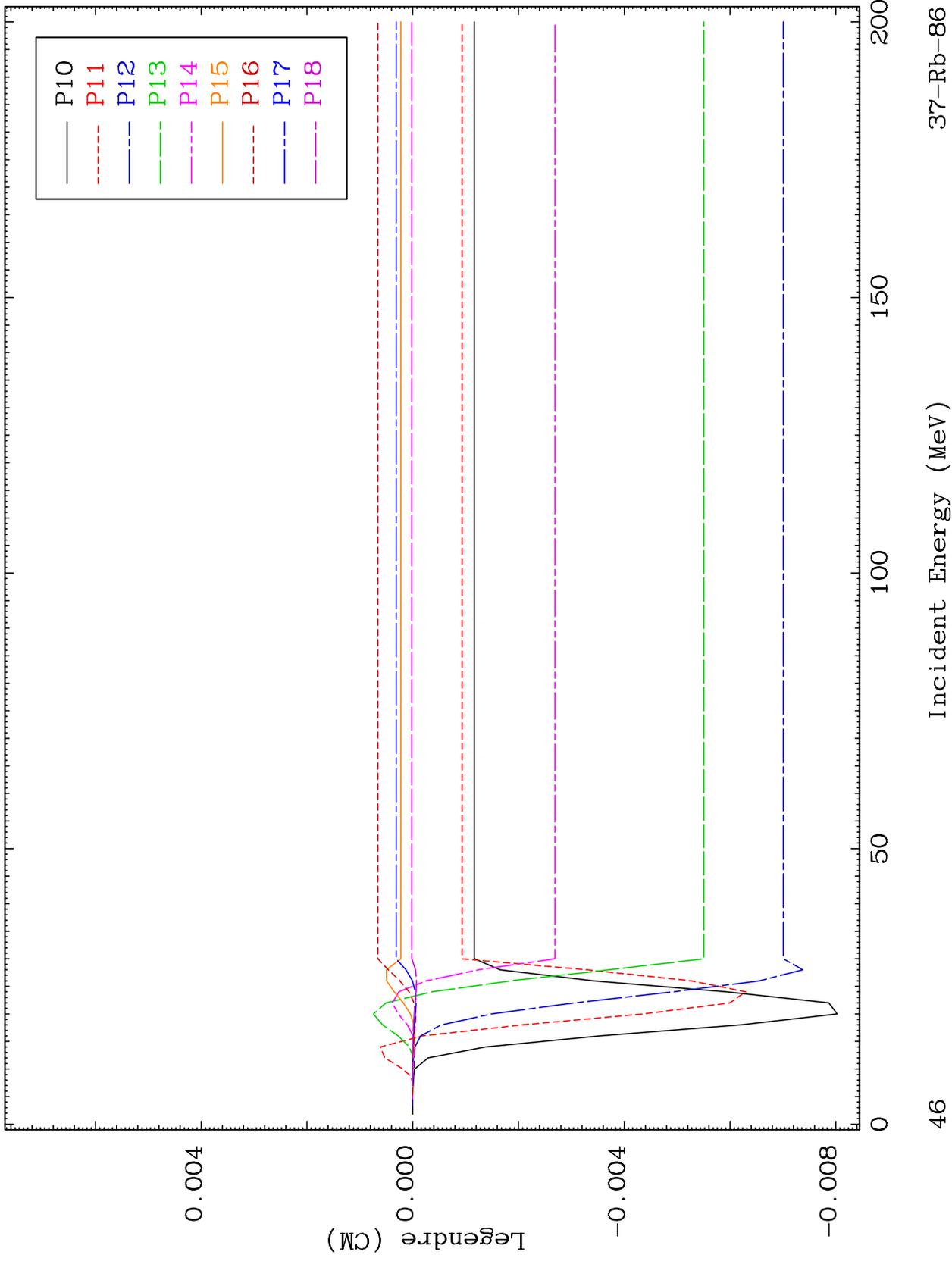
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



46

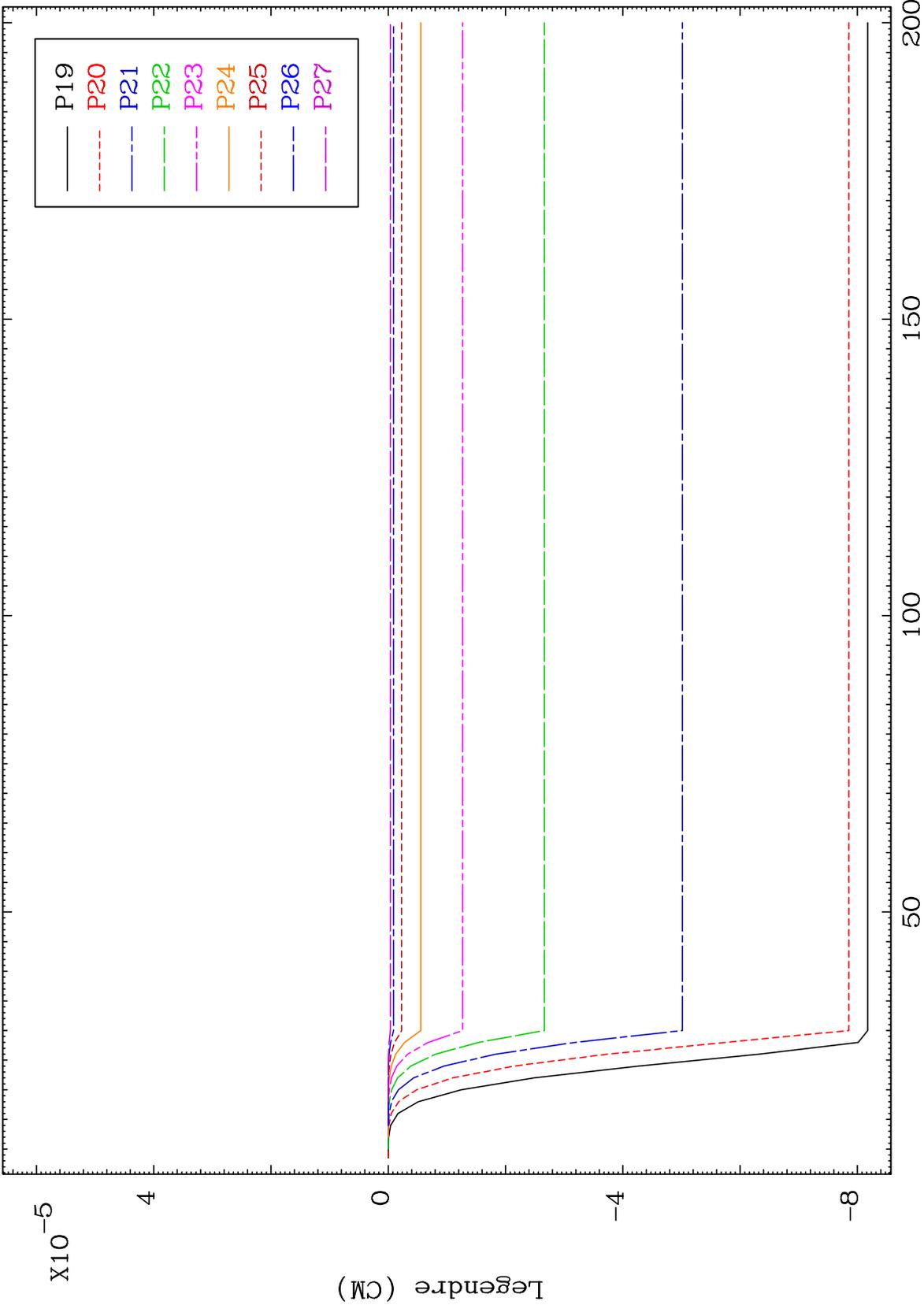
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



47

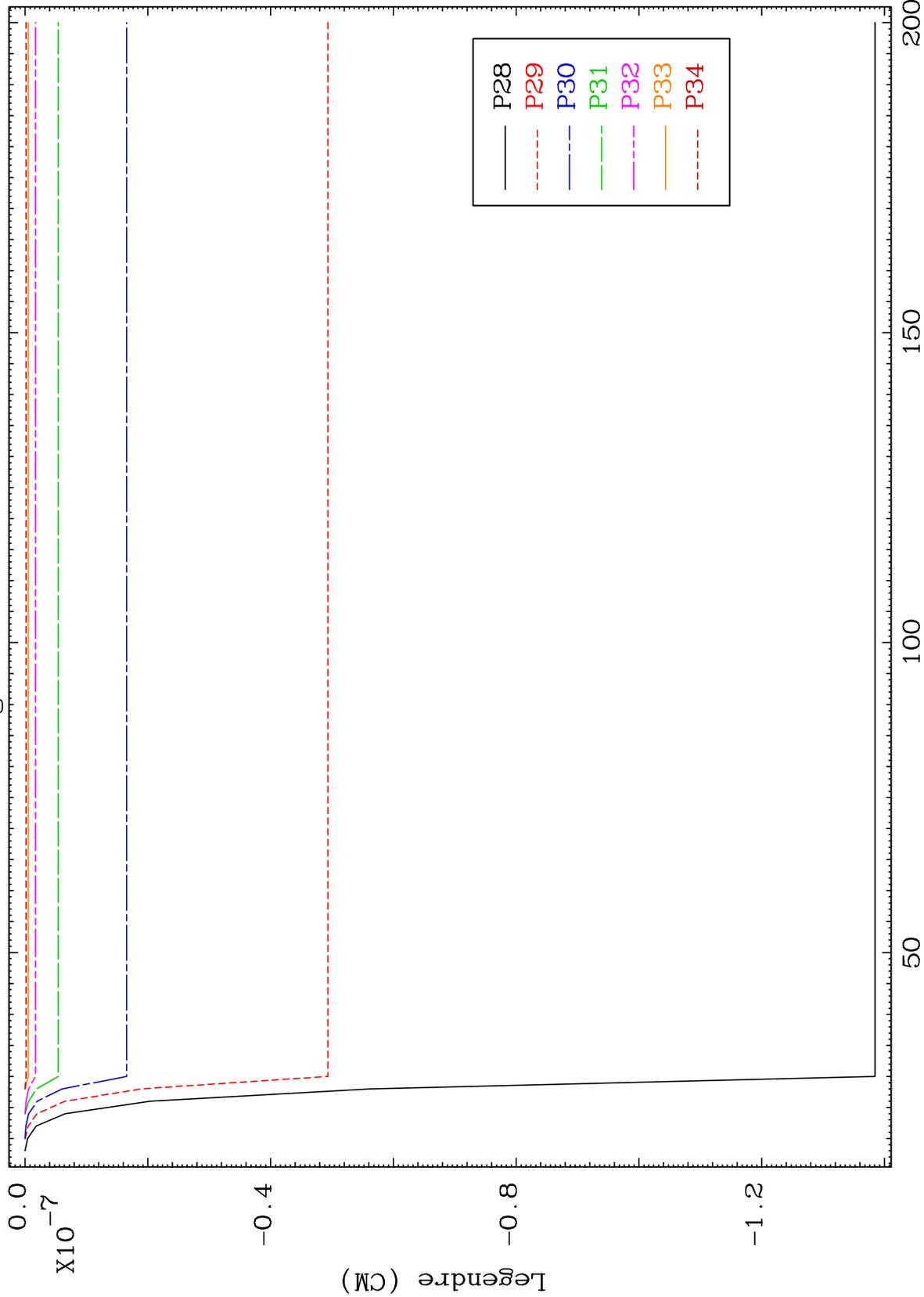
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MAT 3728

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

37-Rb-86



48

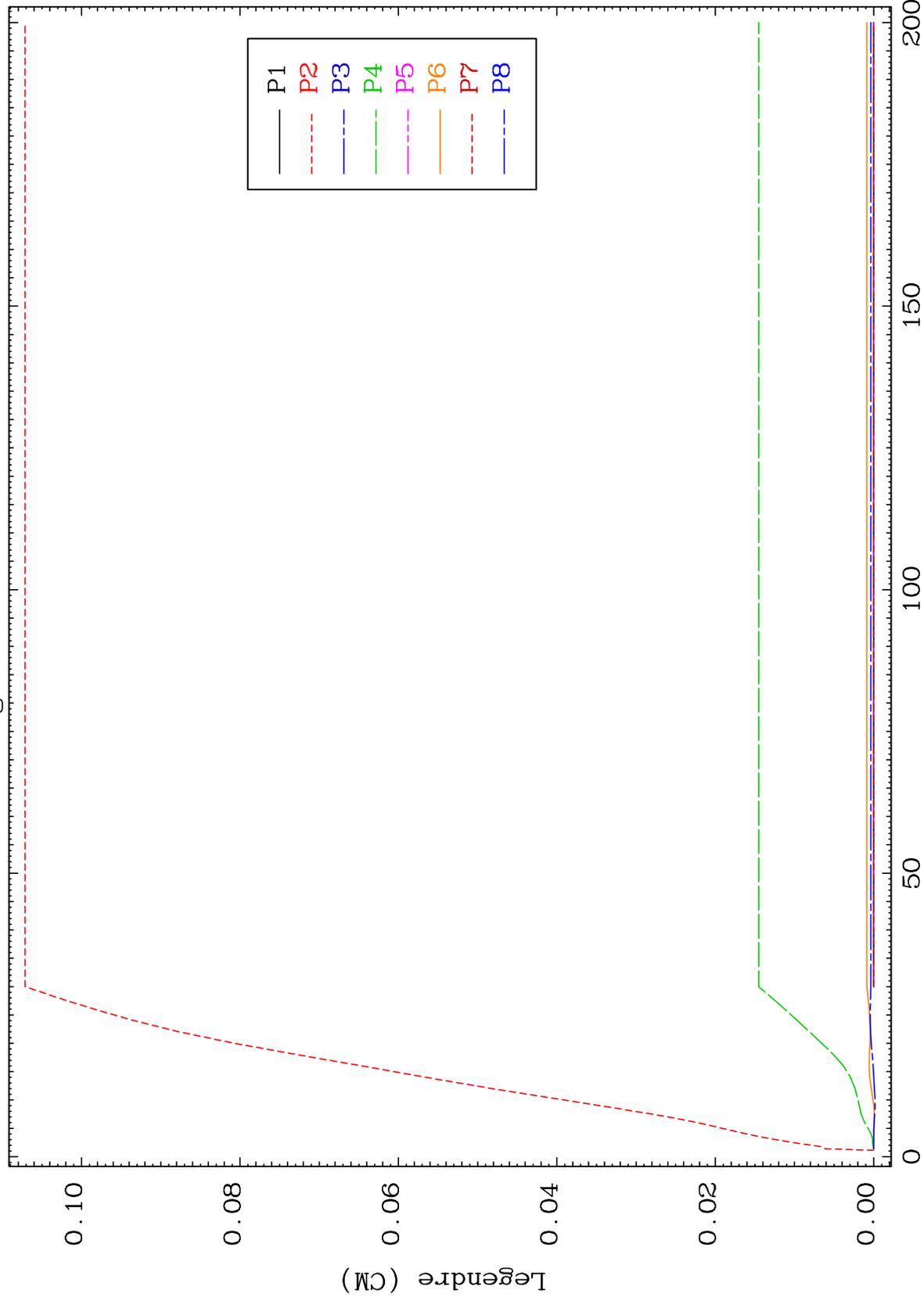
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

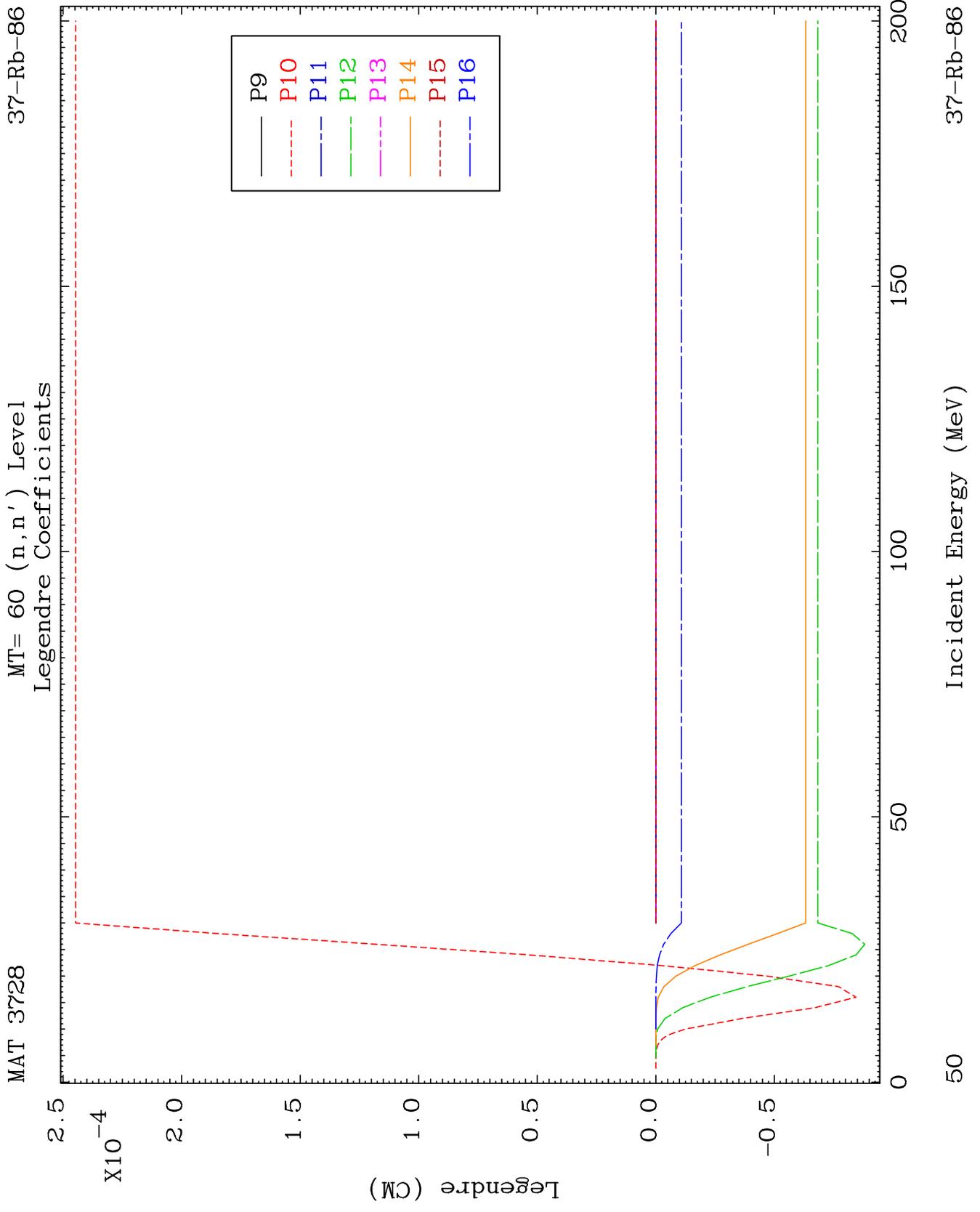
37-Rb-86



49

Incident Energy (MeV)

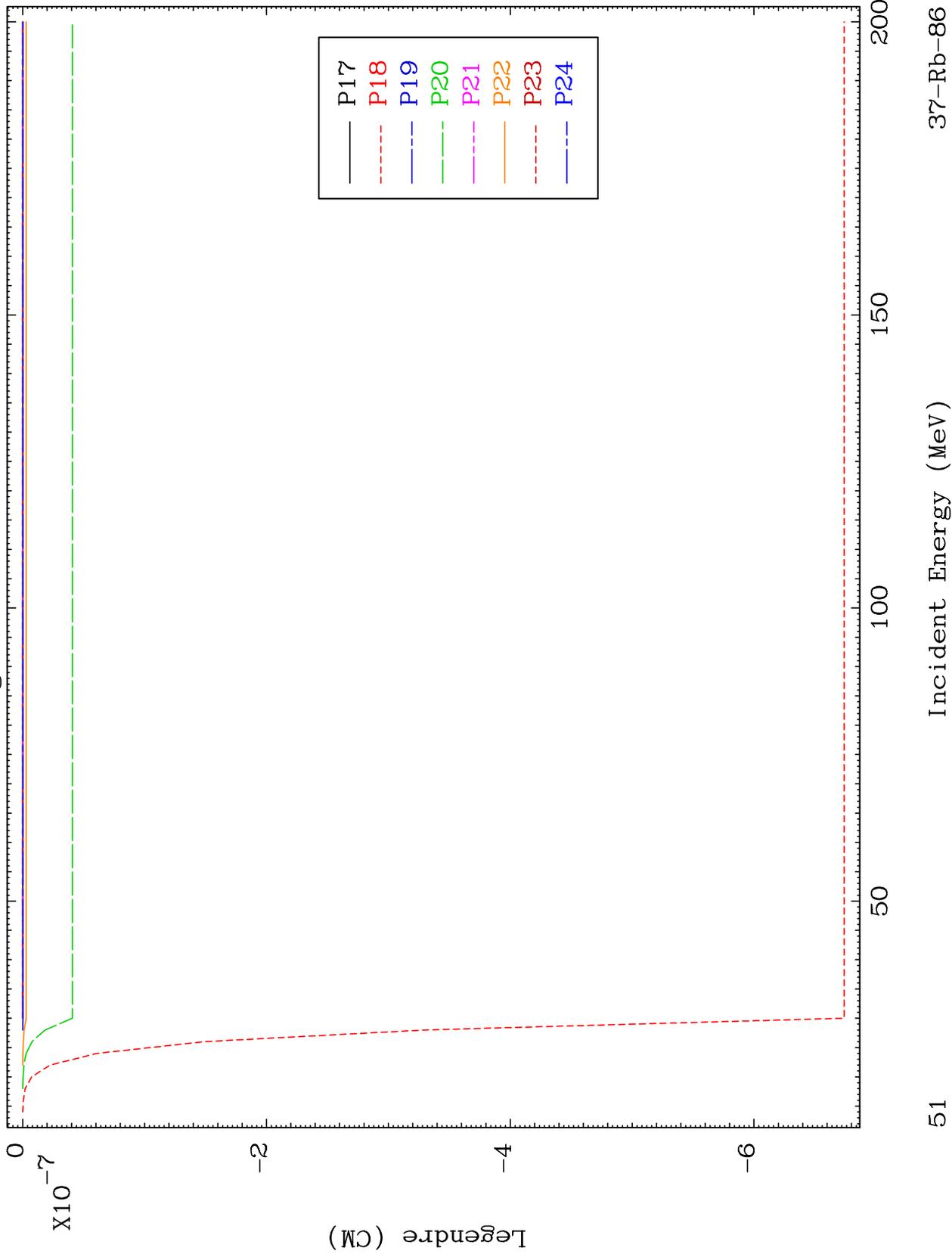
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MAT 3728

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

37-Rb-86



51

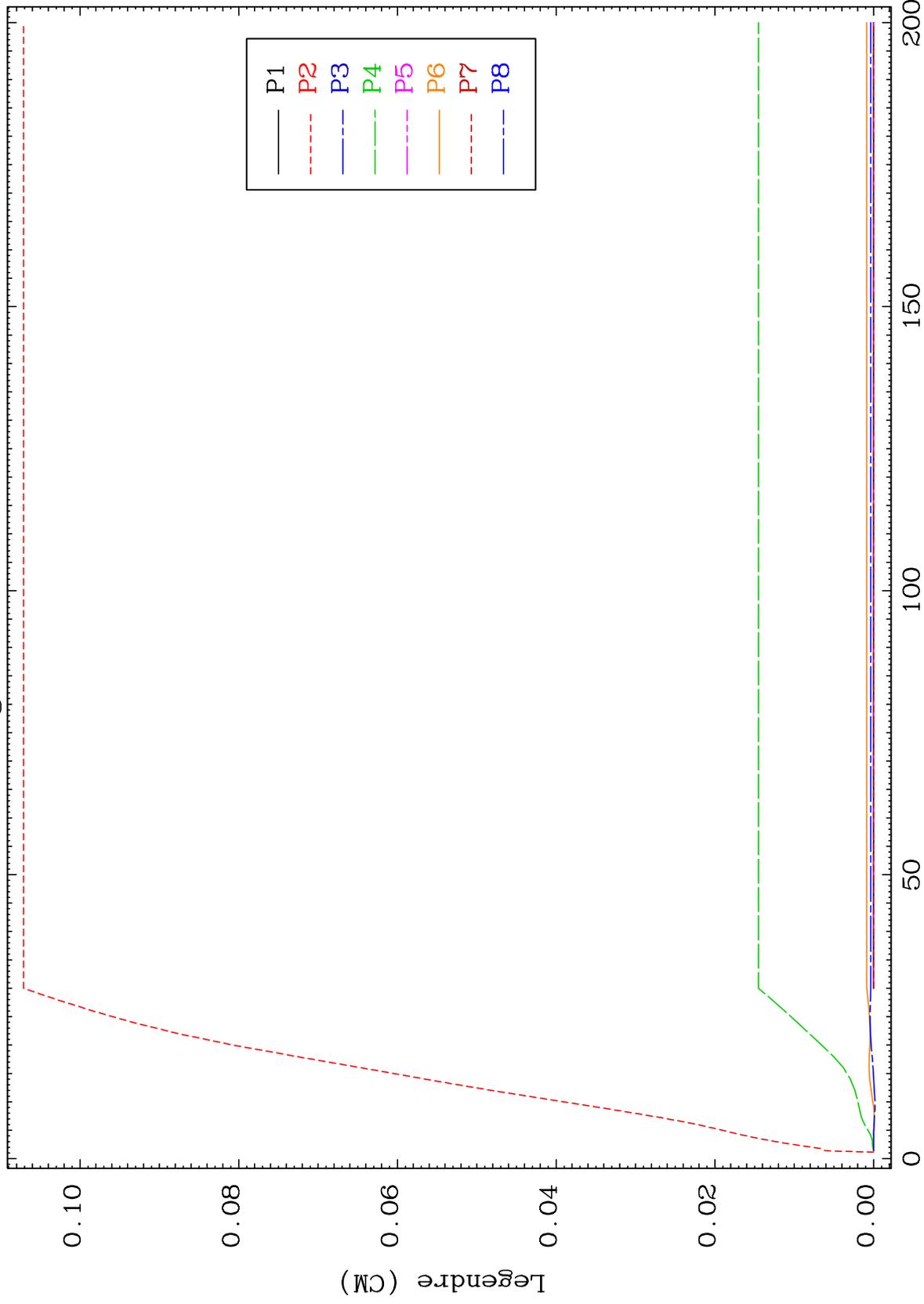
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



52

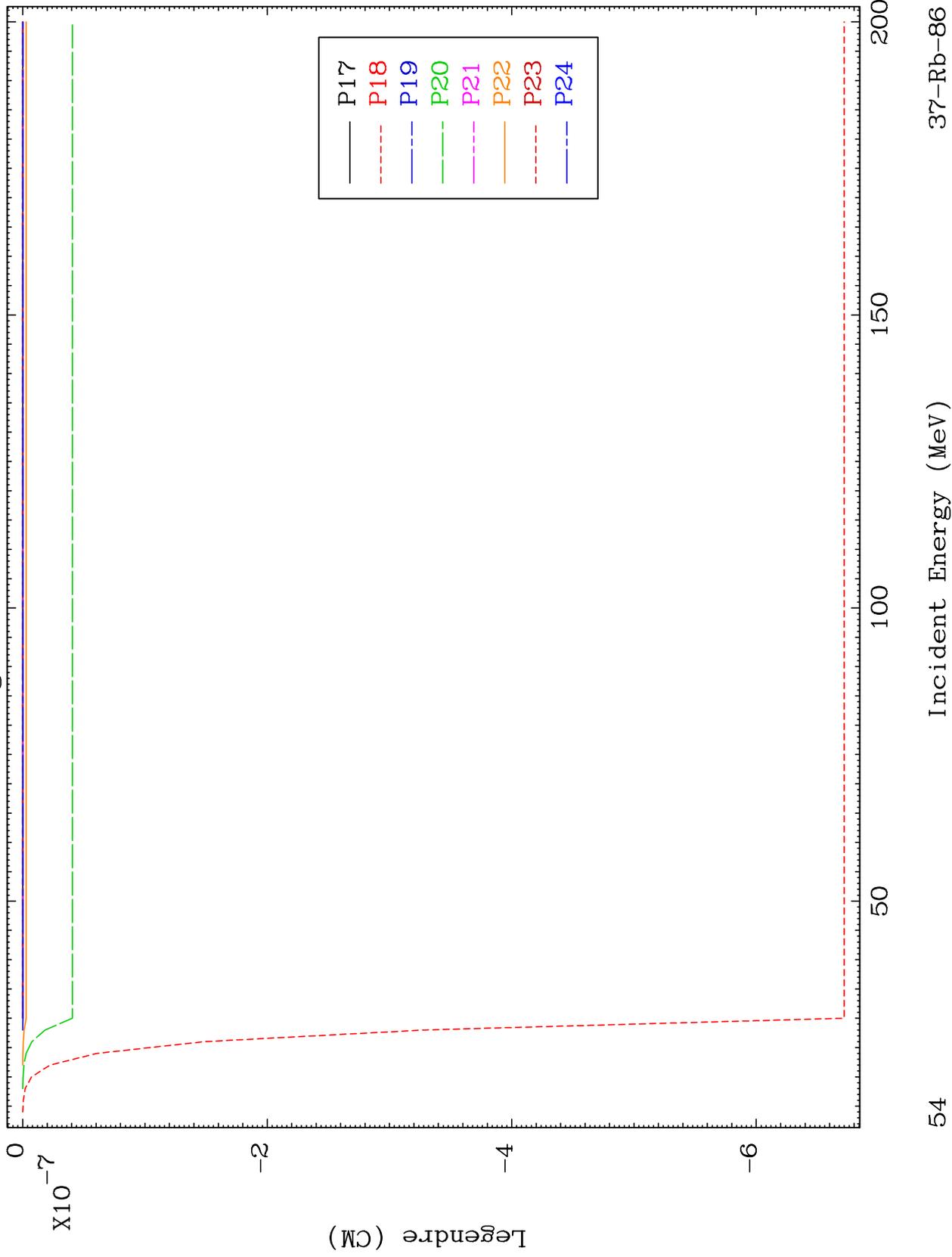
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MT= 61 (n,n') Level
Legendre Coefficients

37-Rb-86



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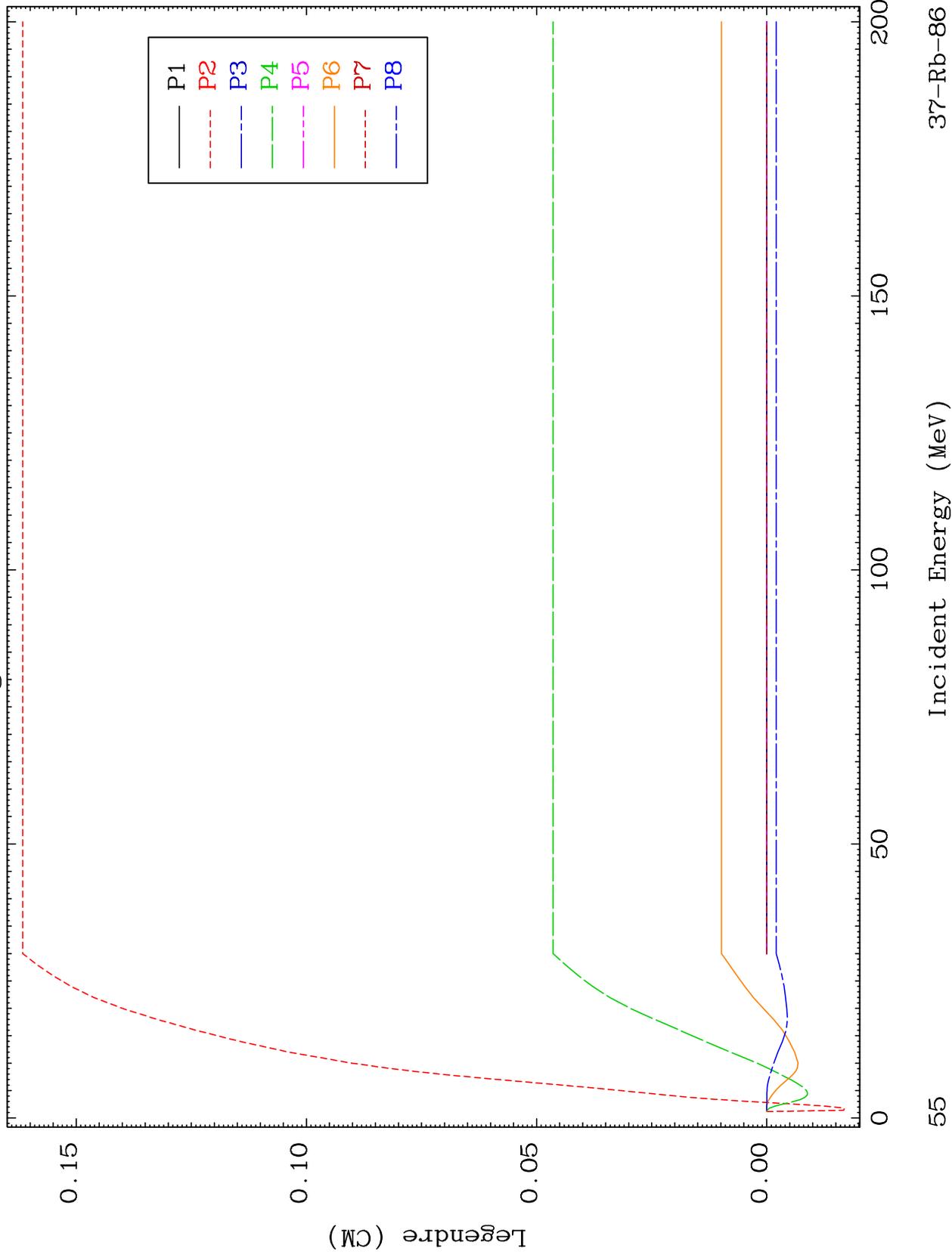
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

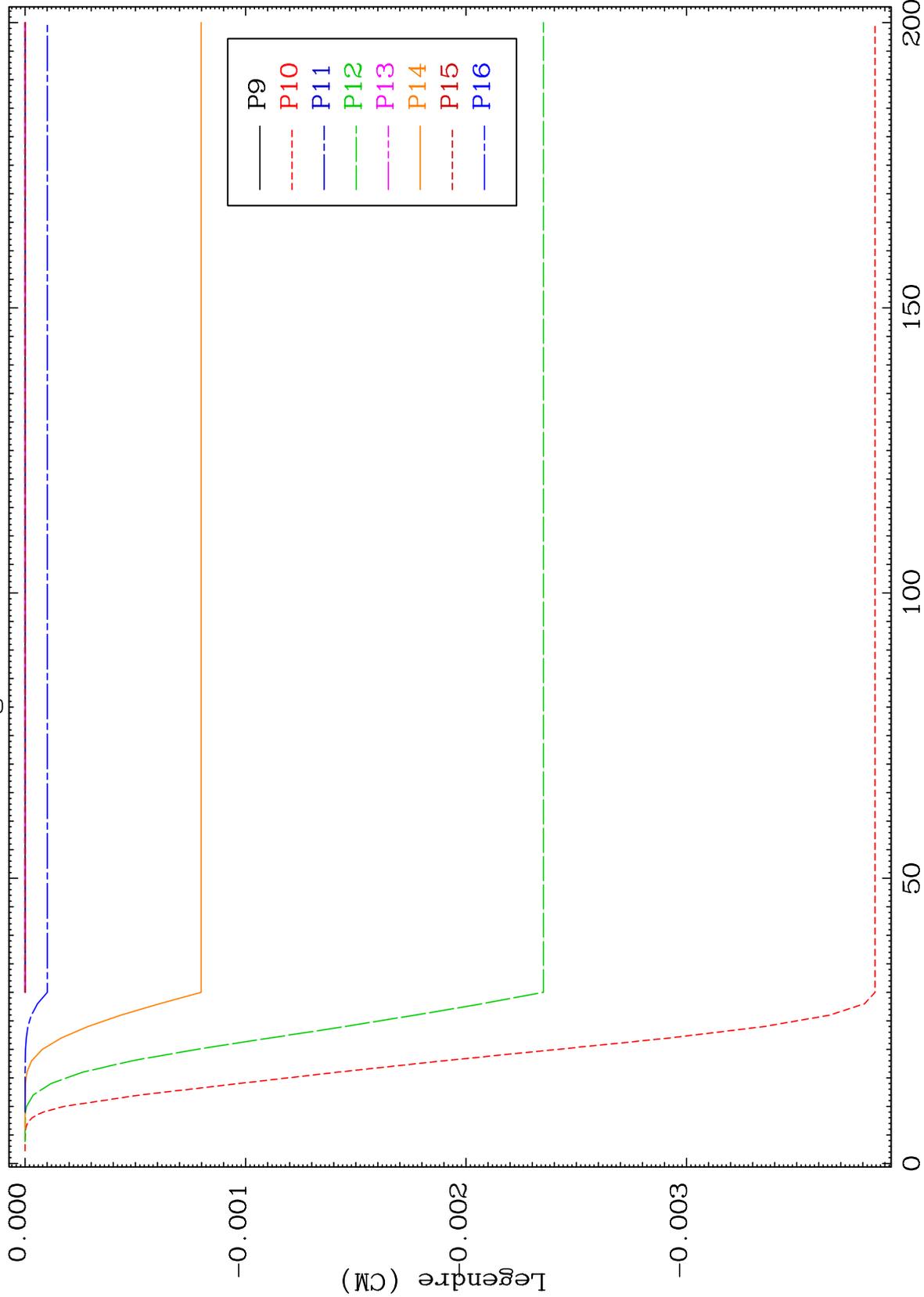
Incident Energy (MeV)

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MAT 3728

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

37-Rb-86



56

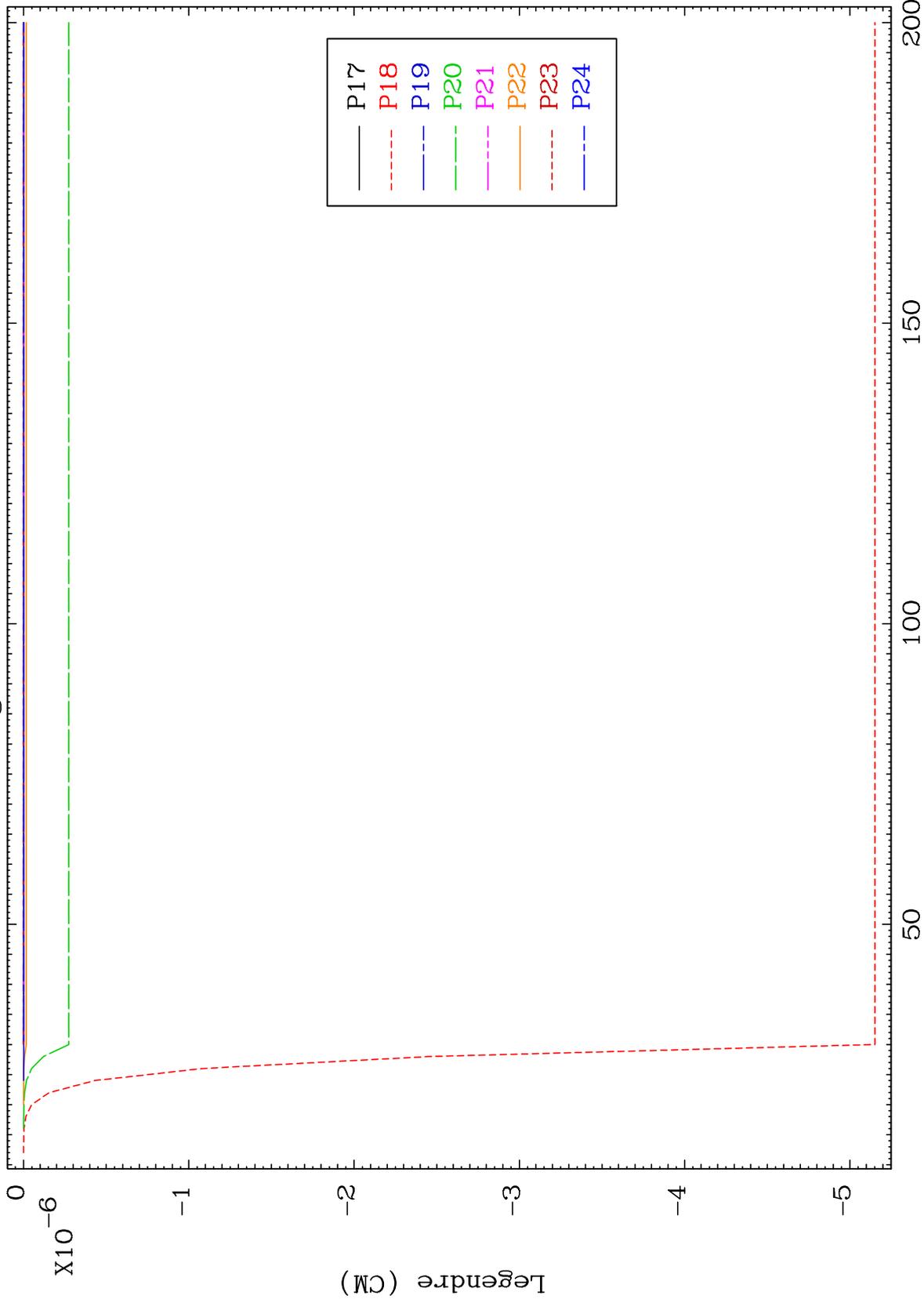
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



57

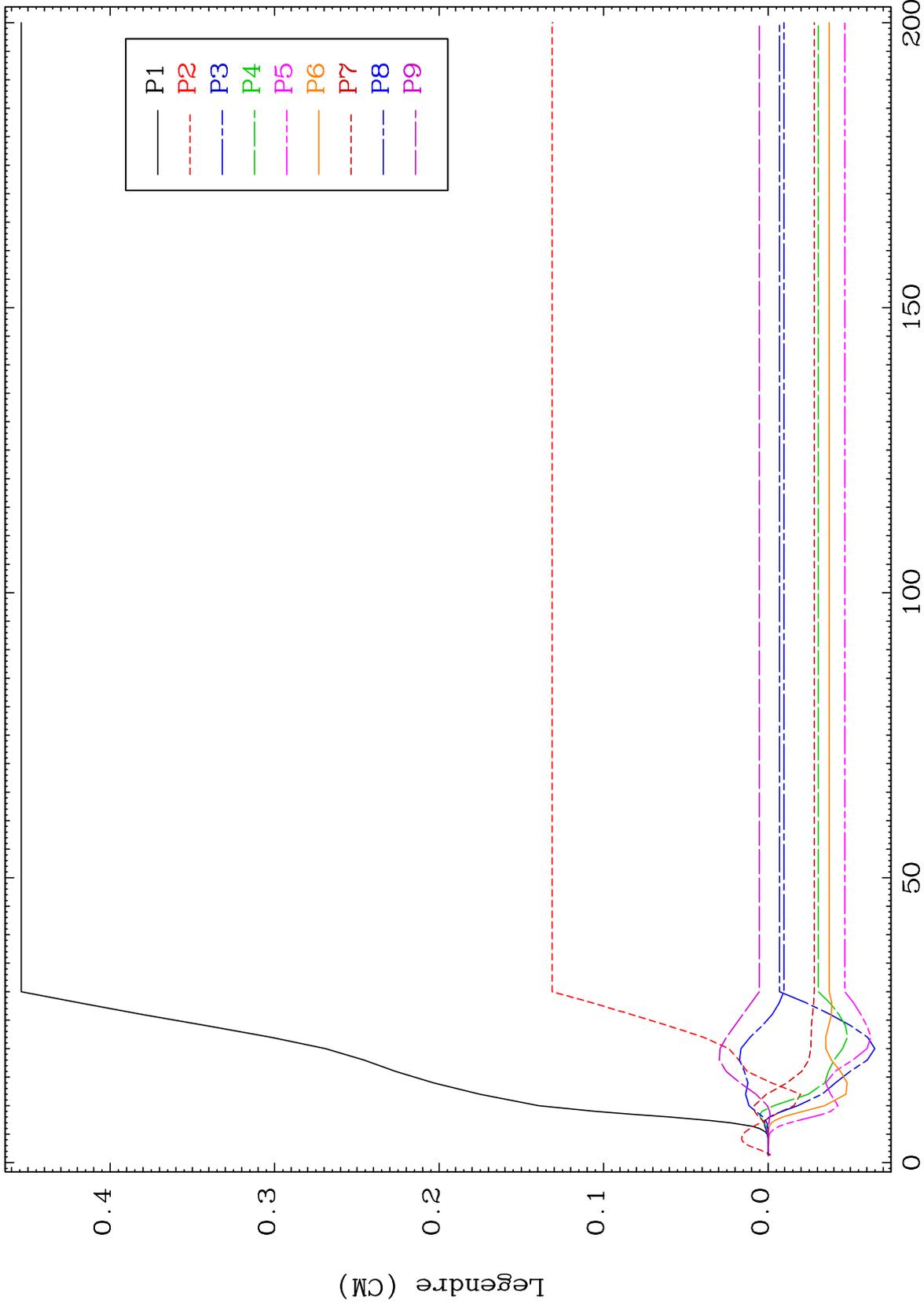
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

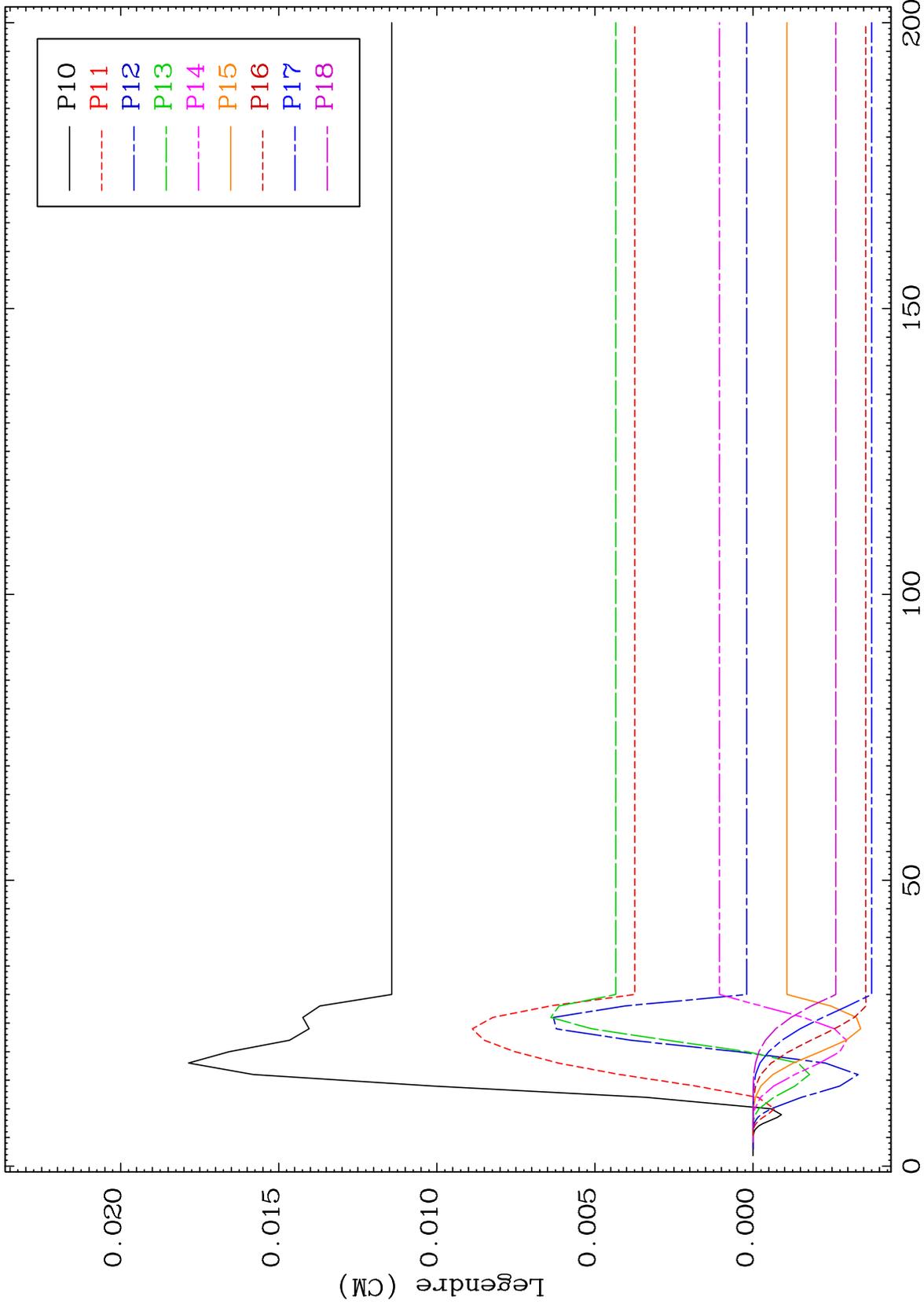
37-Rb-86



58

Incident Energy (MeV)

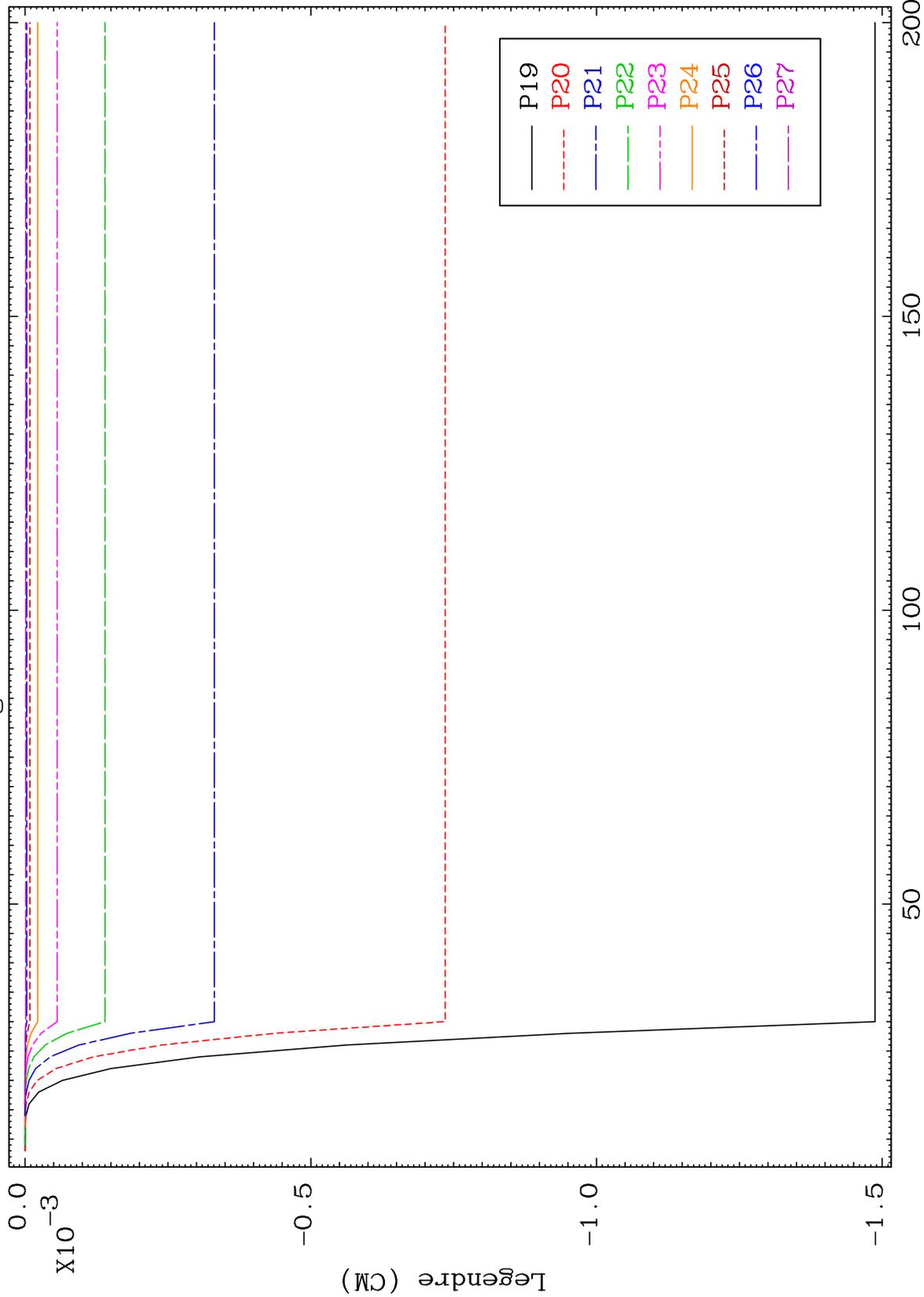
37-Rb-86



MAT 3728

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

37-Rb-86



60

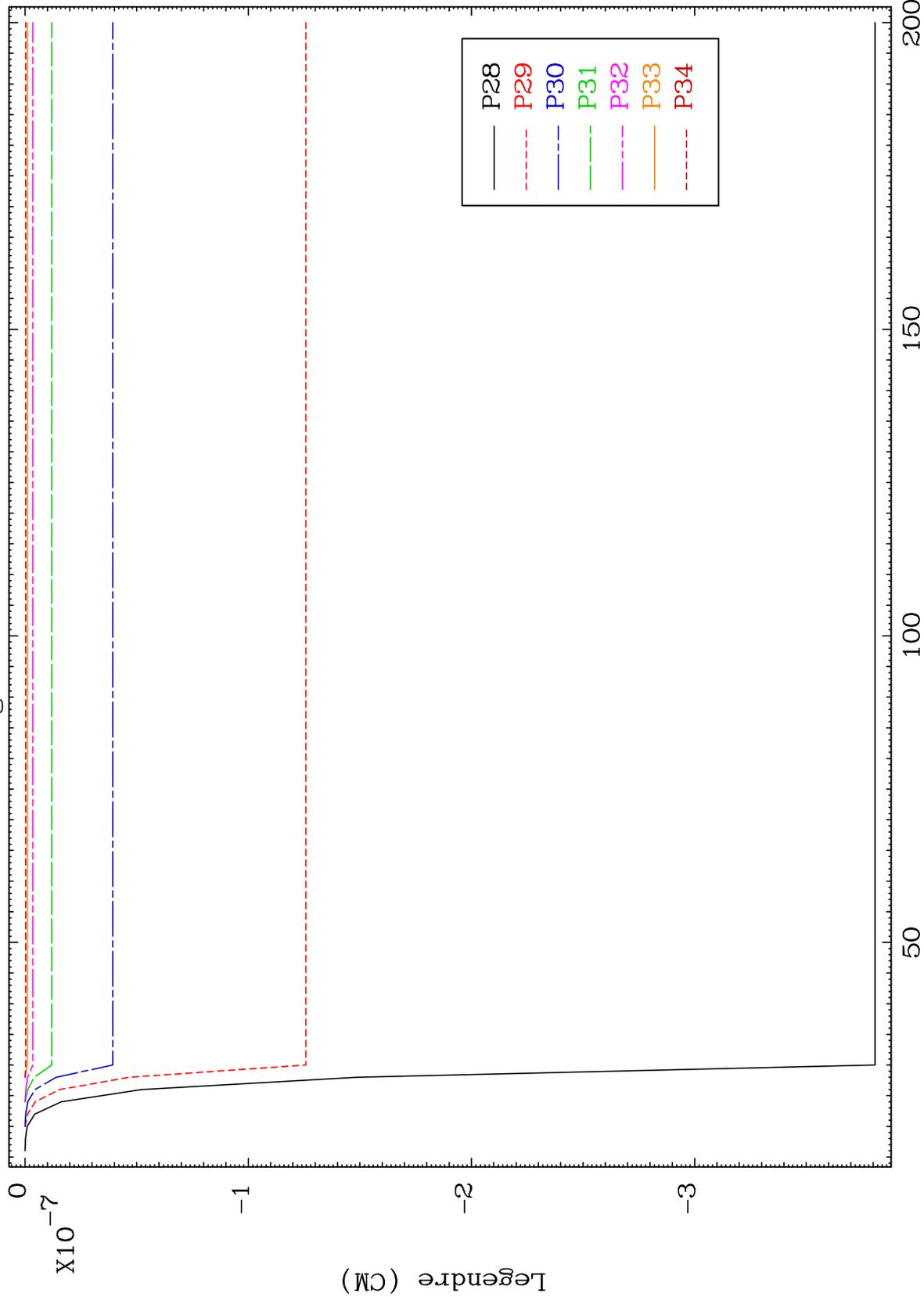
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



61

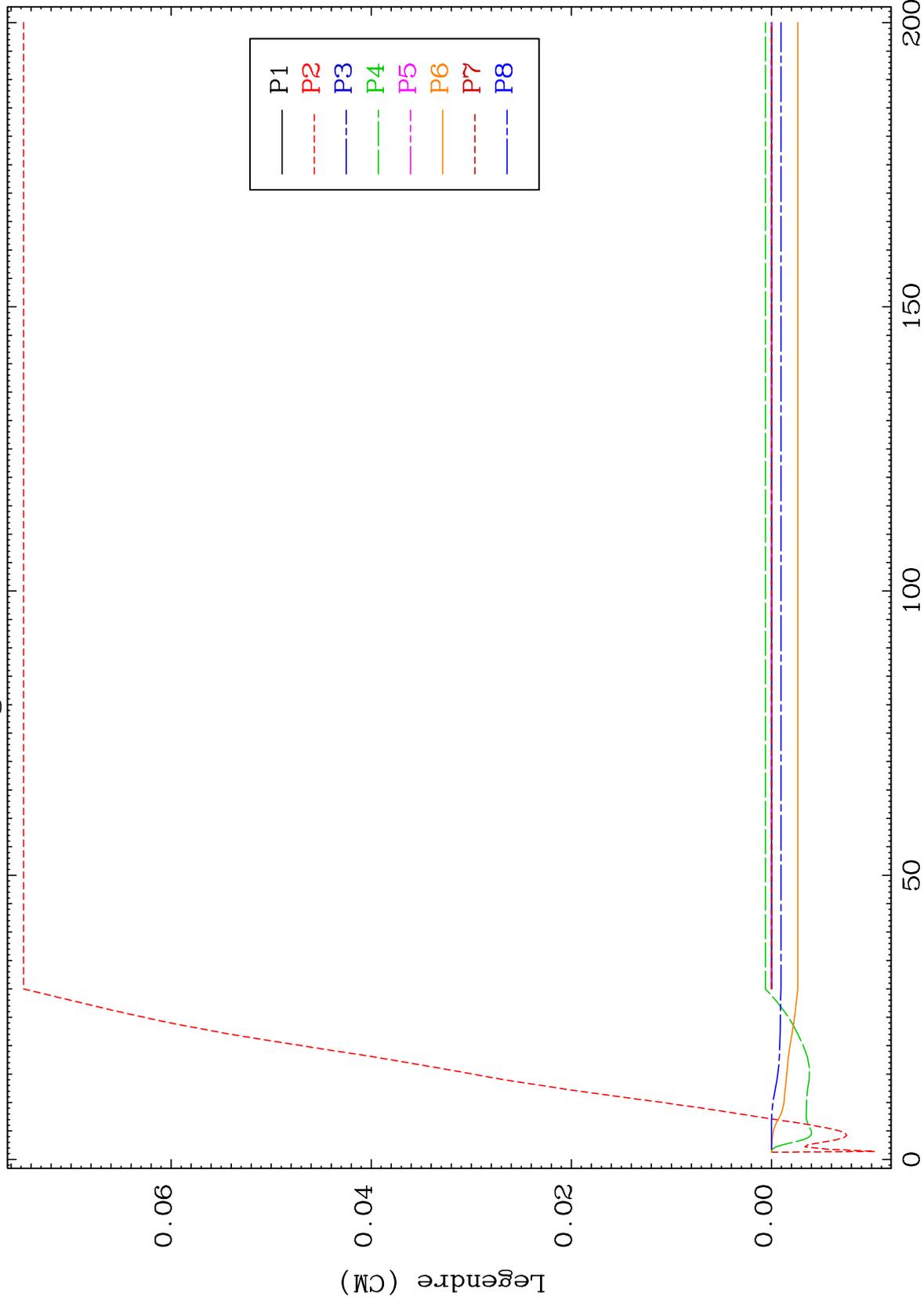
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

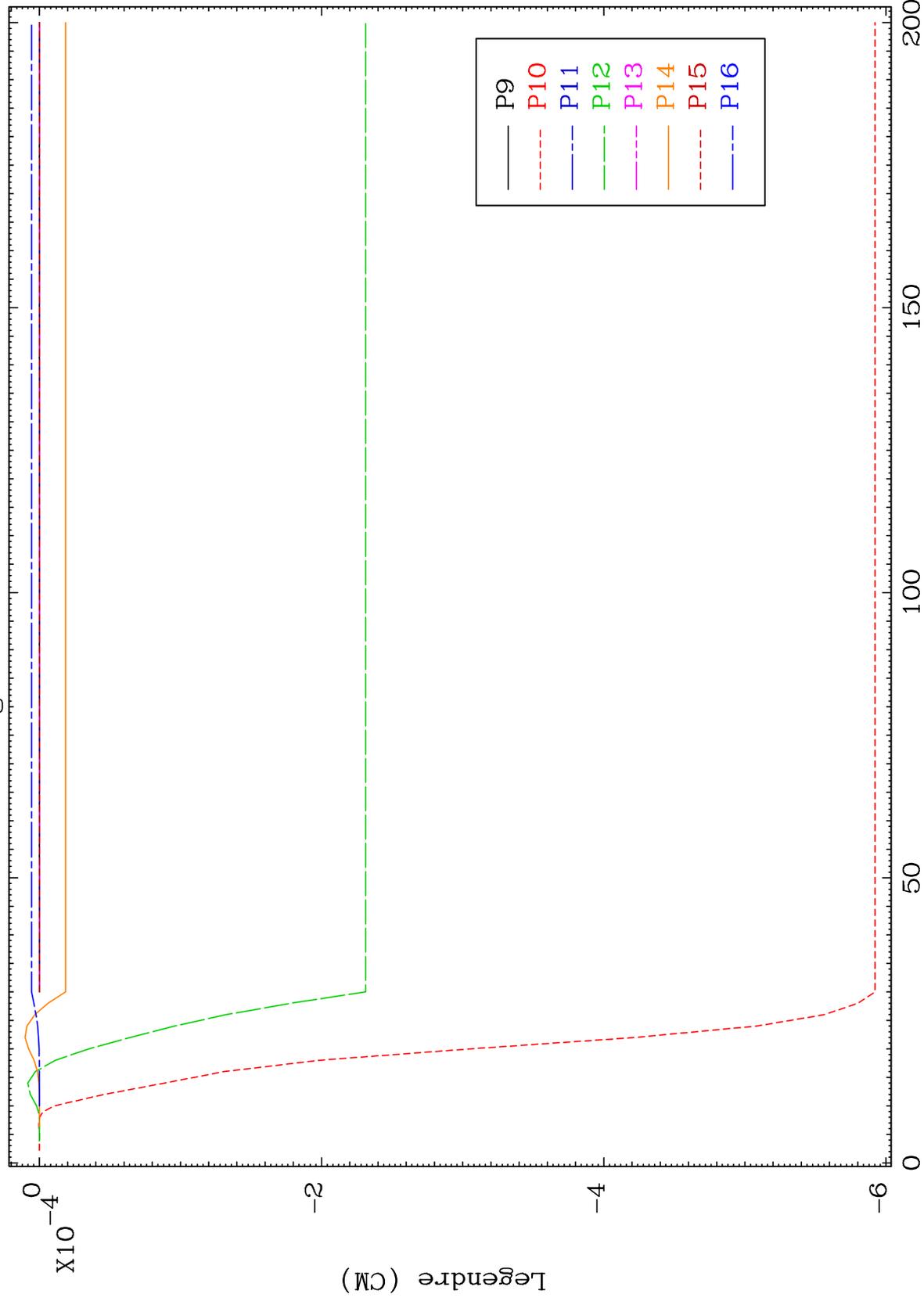
Incident Energy (MeV)

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MAT 3728

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

37-Rb-86



63

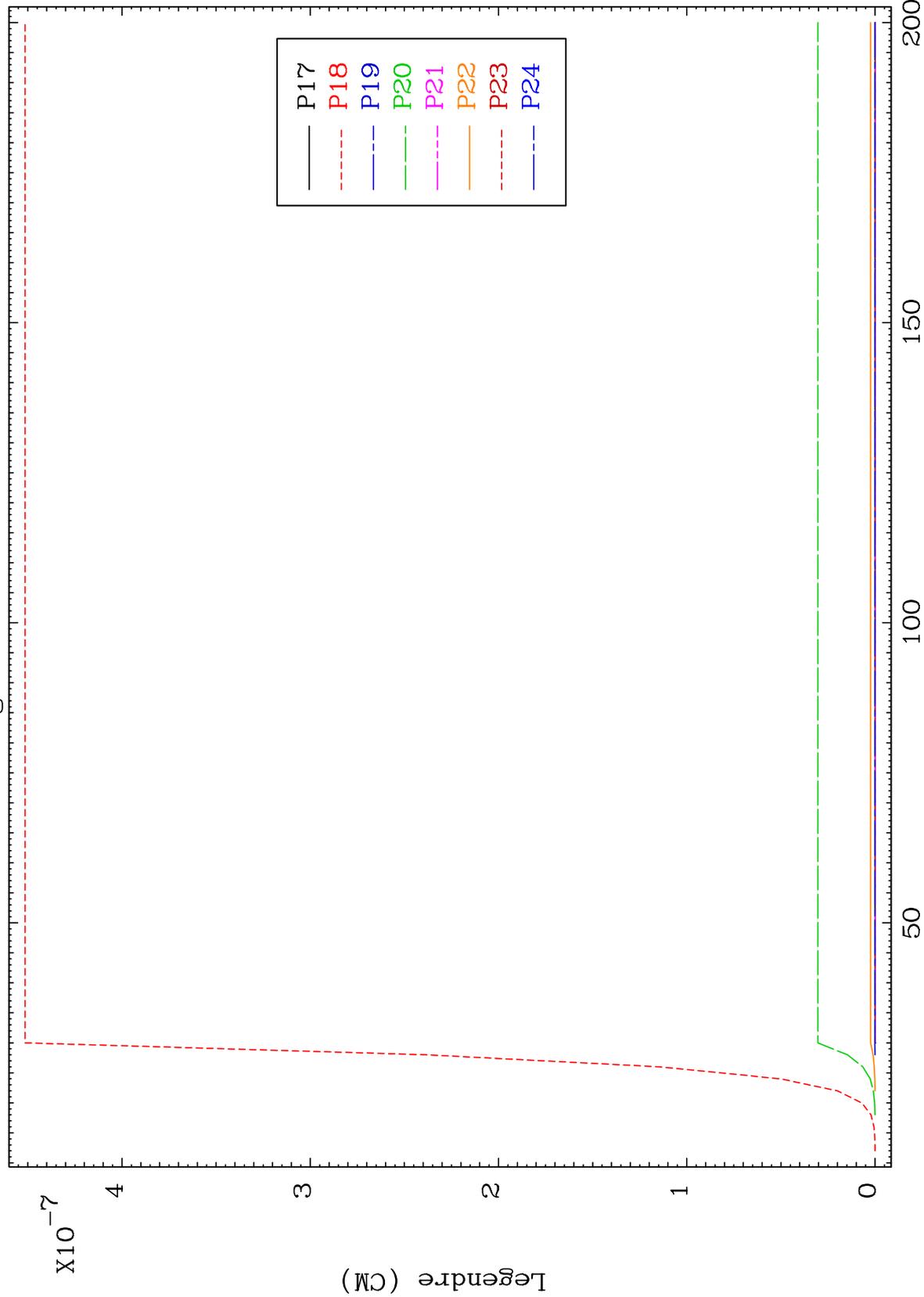
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



64

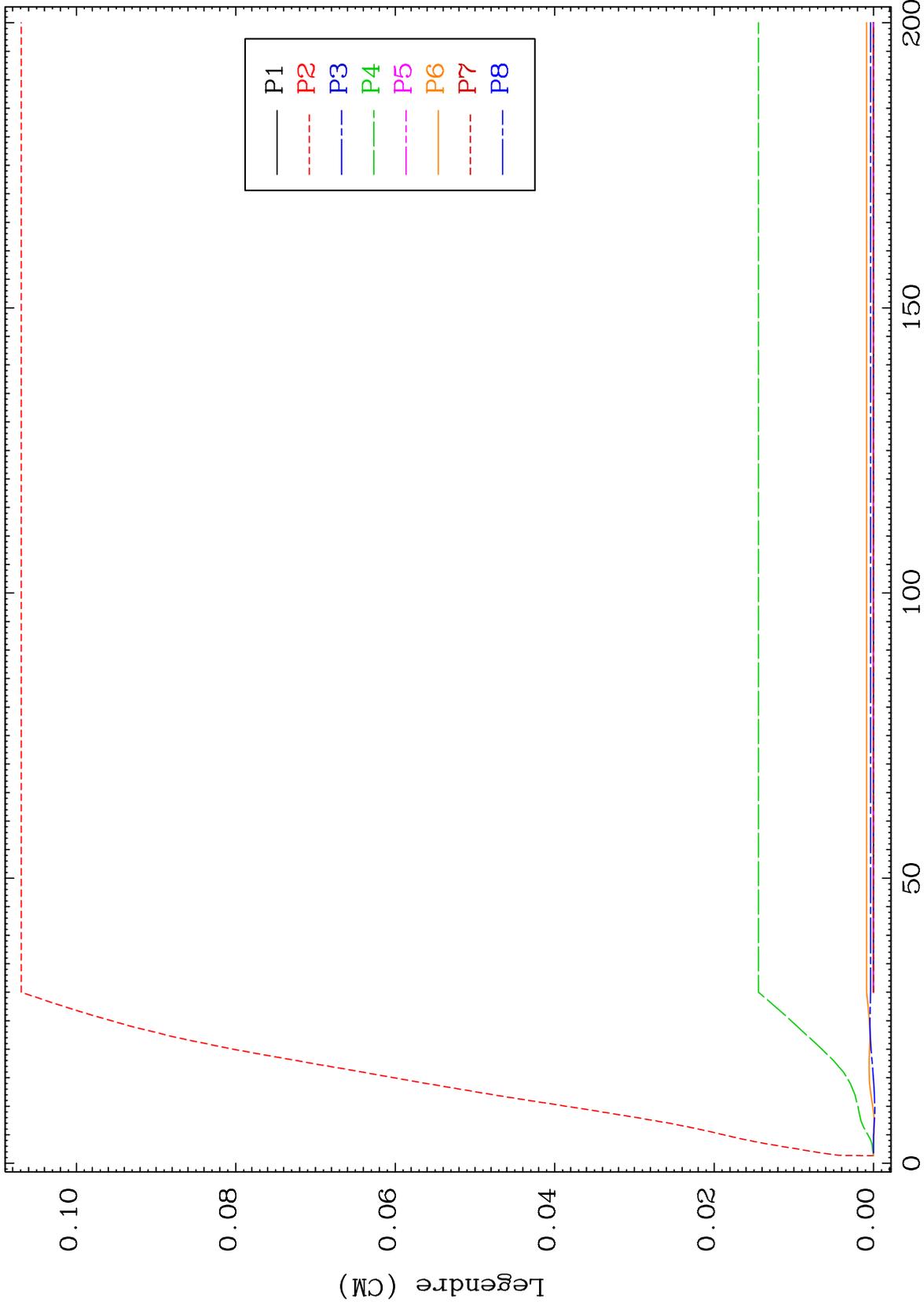
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

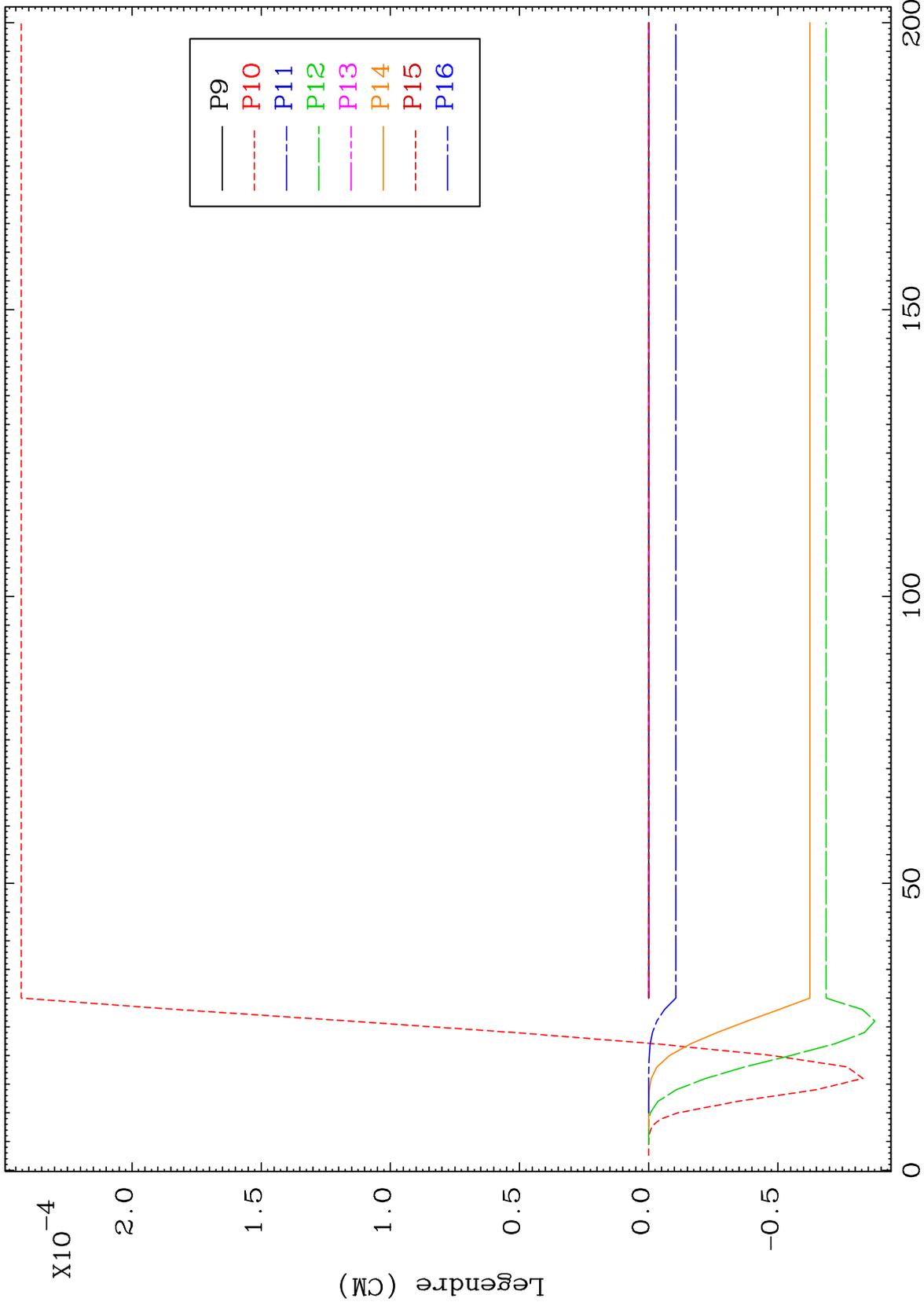
Incident Energy (MeV)

65

MAT 3728

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

37-Rb-86



66

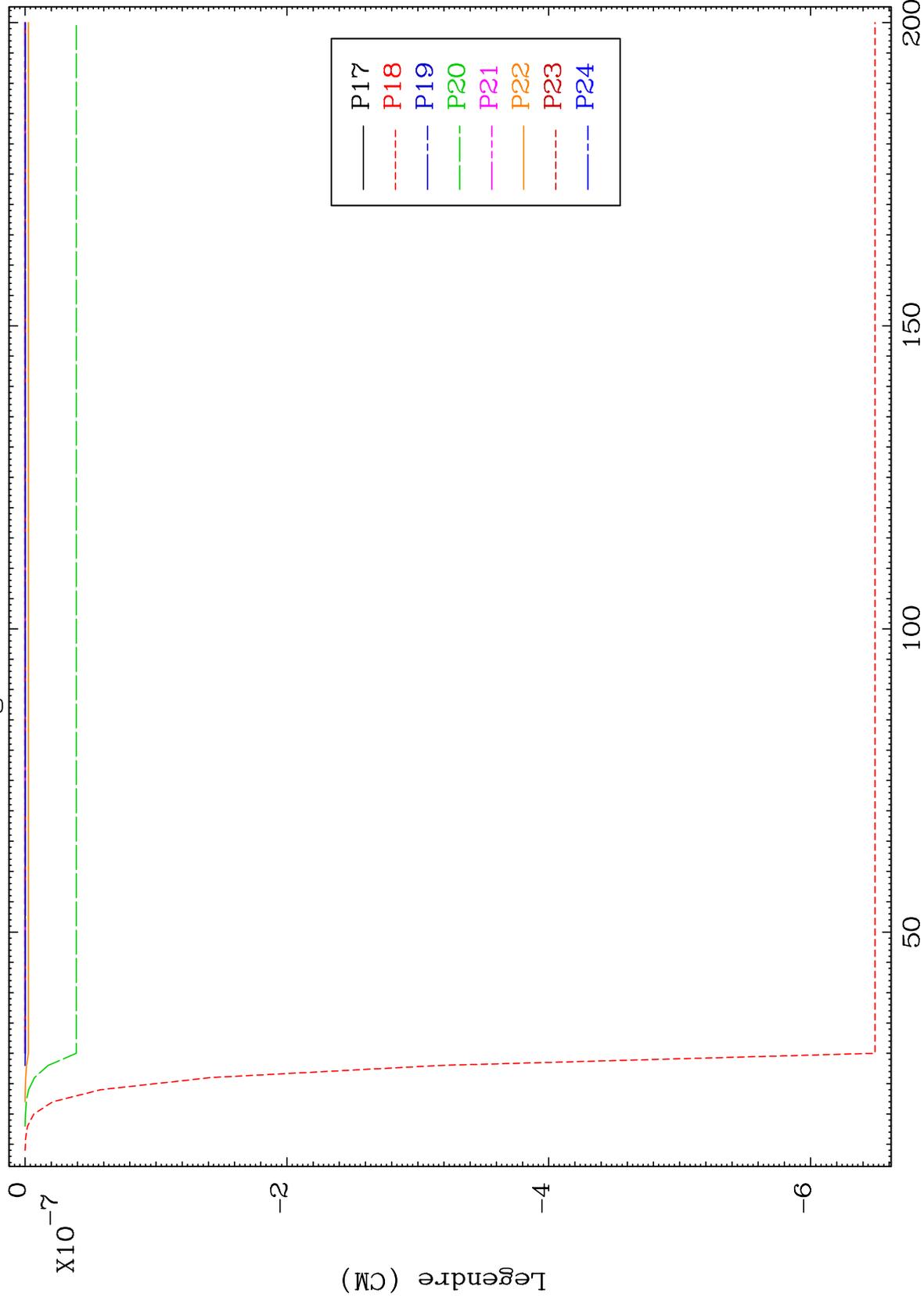
37-Rb-86

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

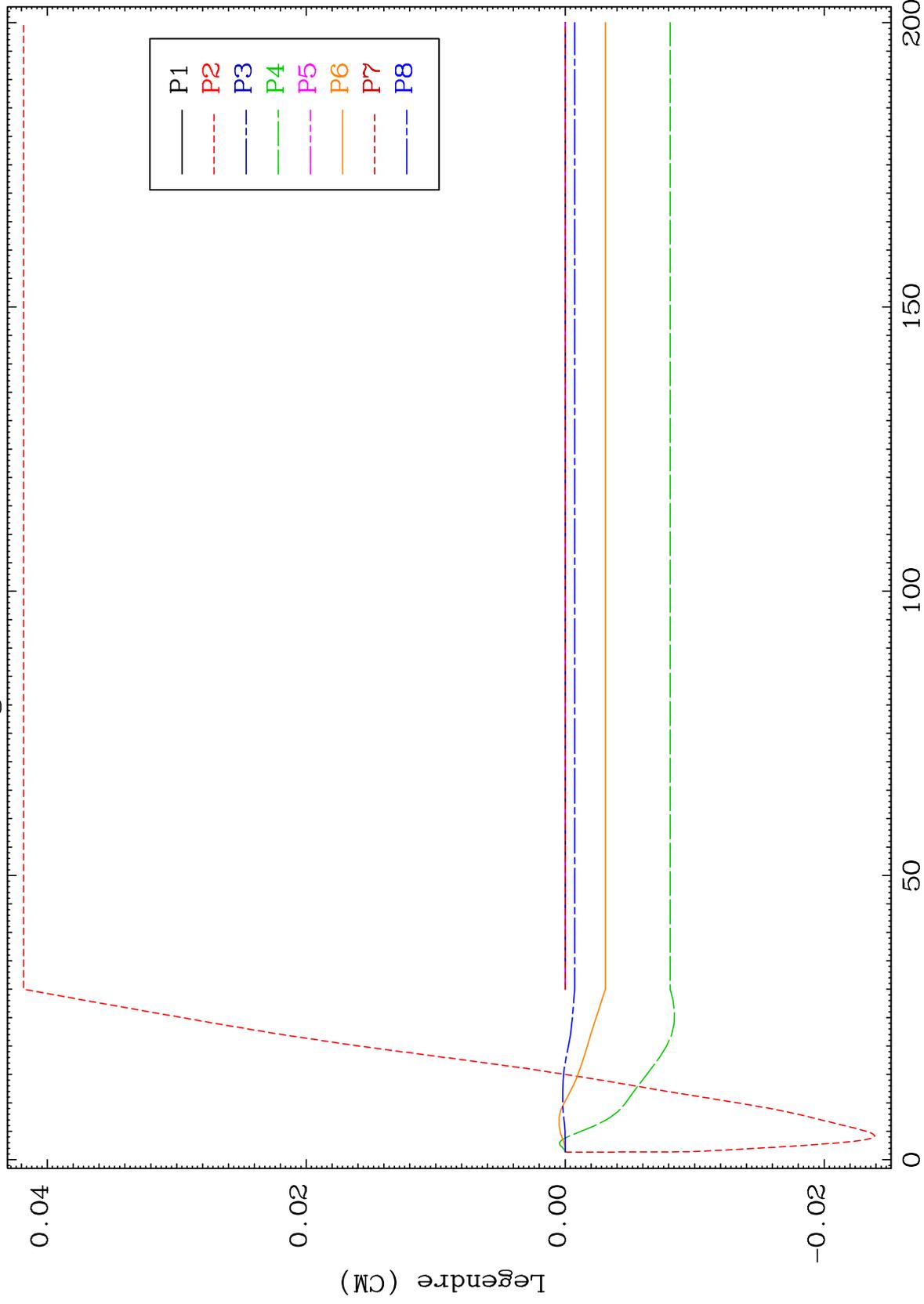
Incident Energy (MeV)

67

MAT 3728

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

37-Rb-86



37-Rb-86

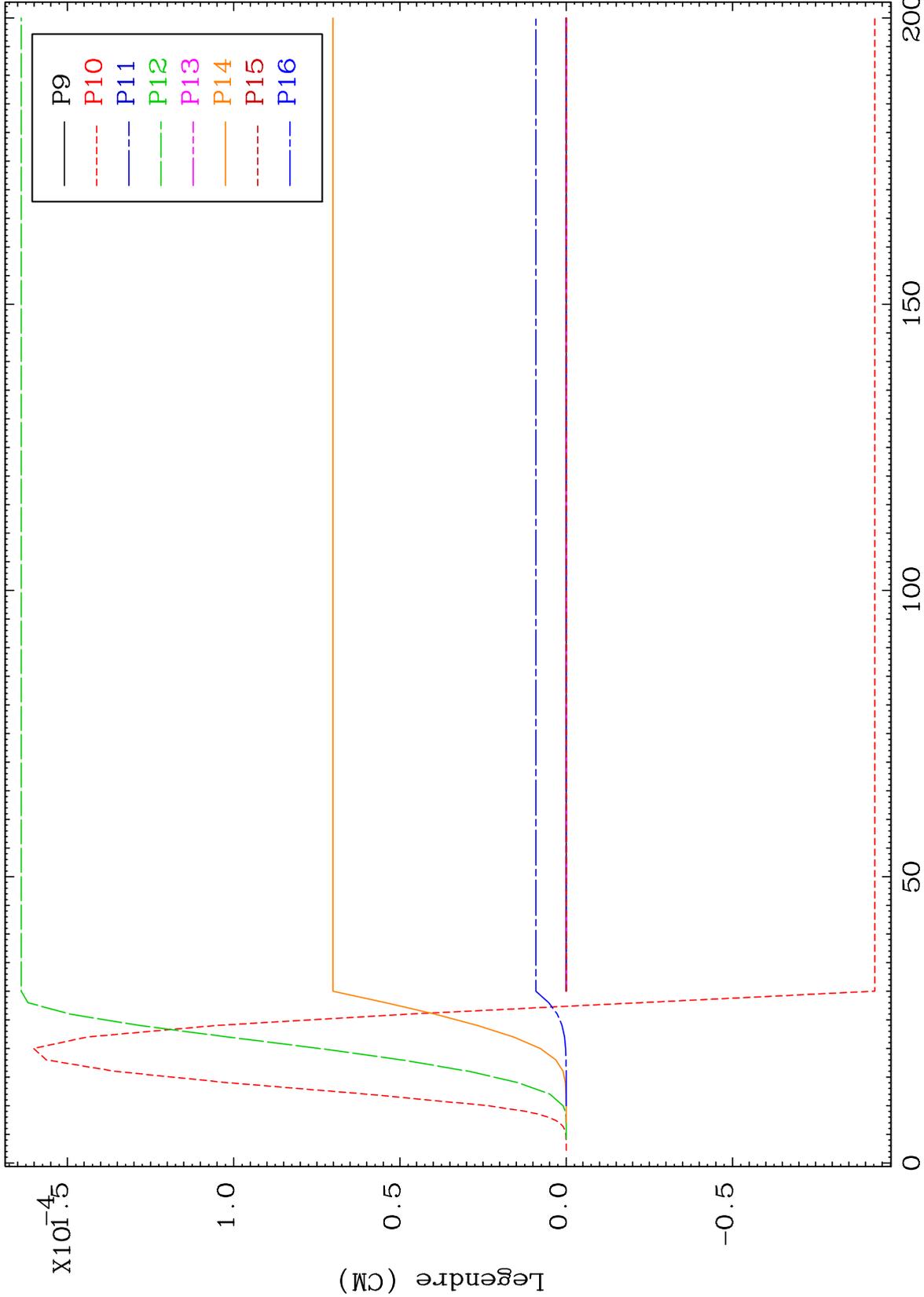
Incident Energy (MeV)

68

MAT 3728

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

37-Rb-86



69

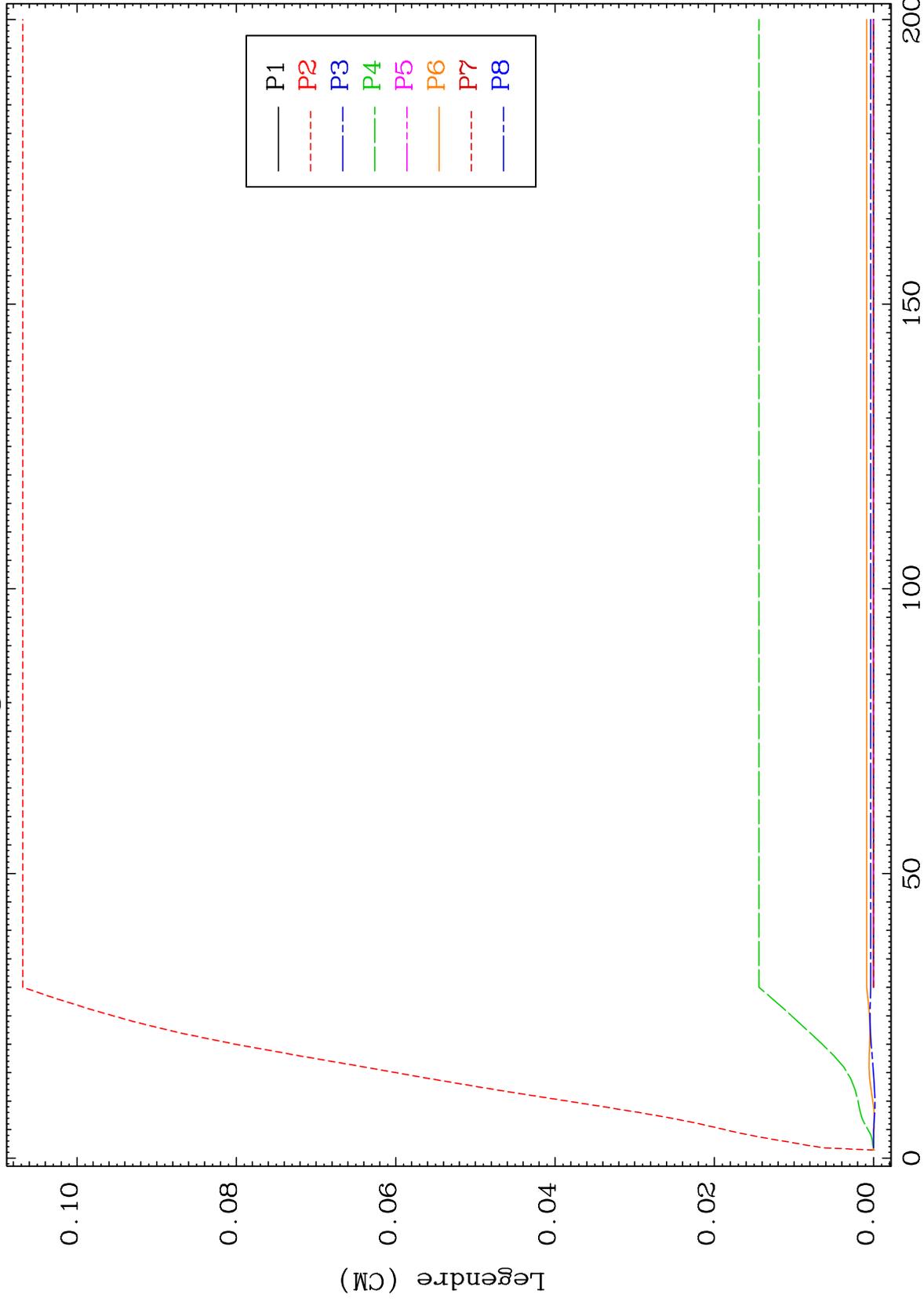
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



71

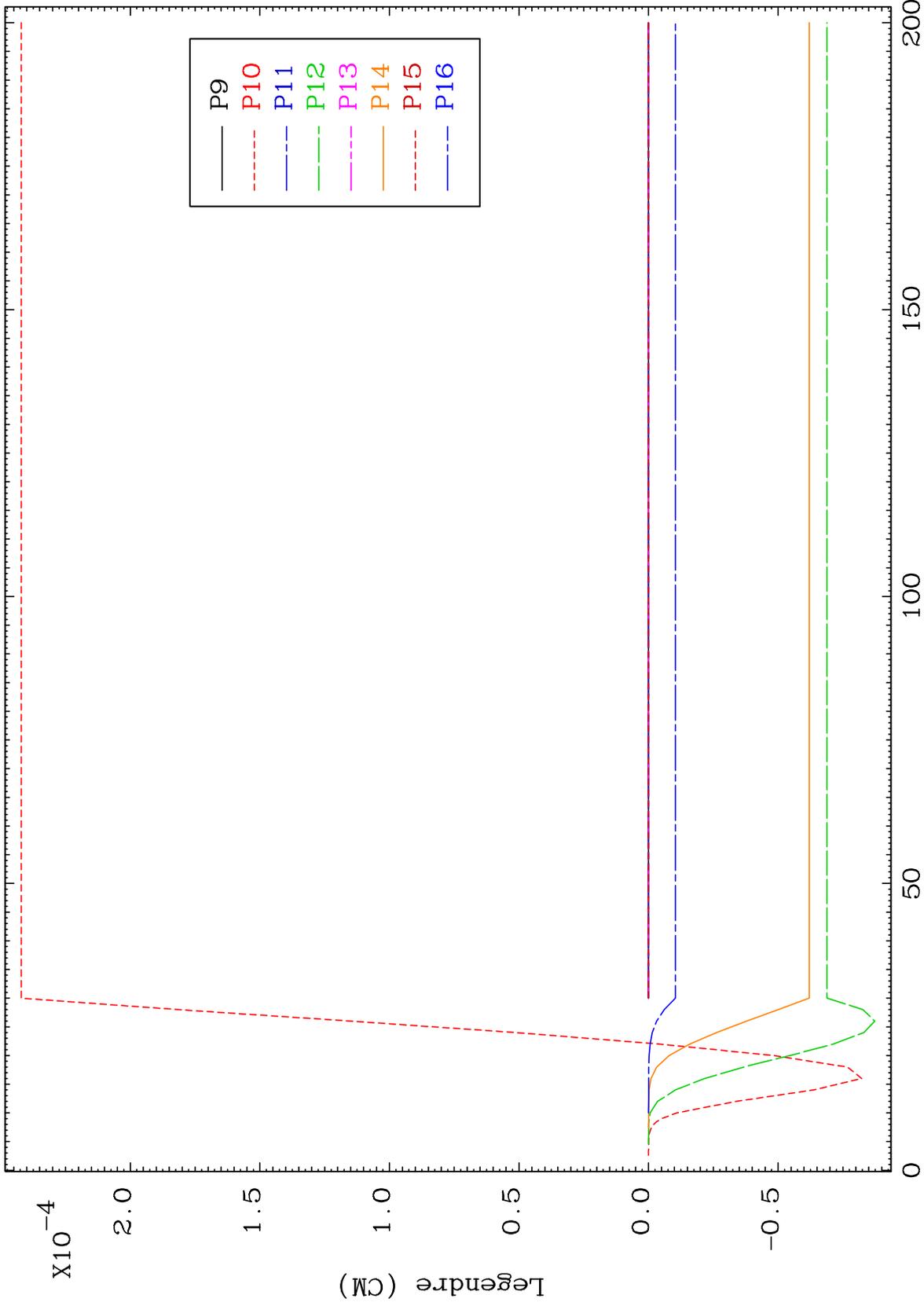
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



72

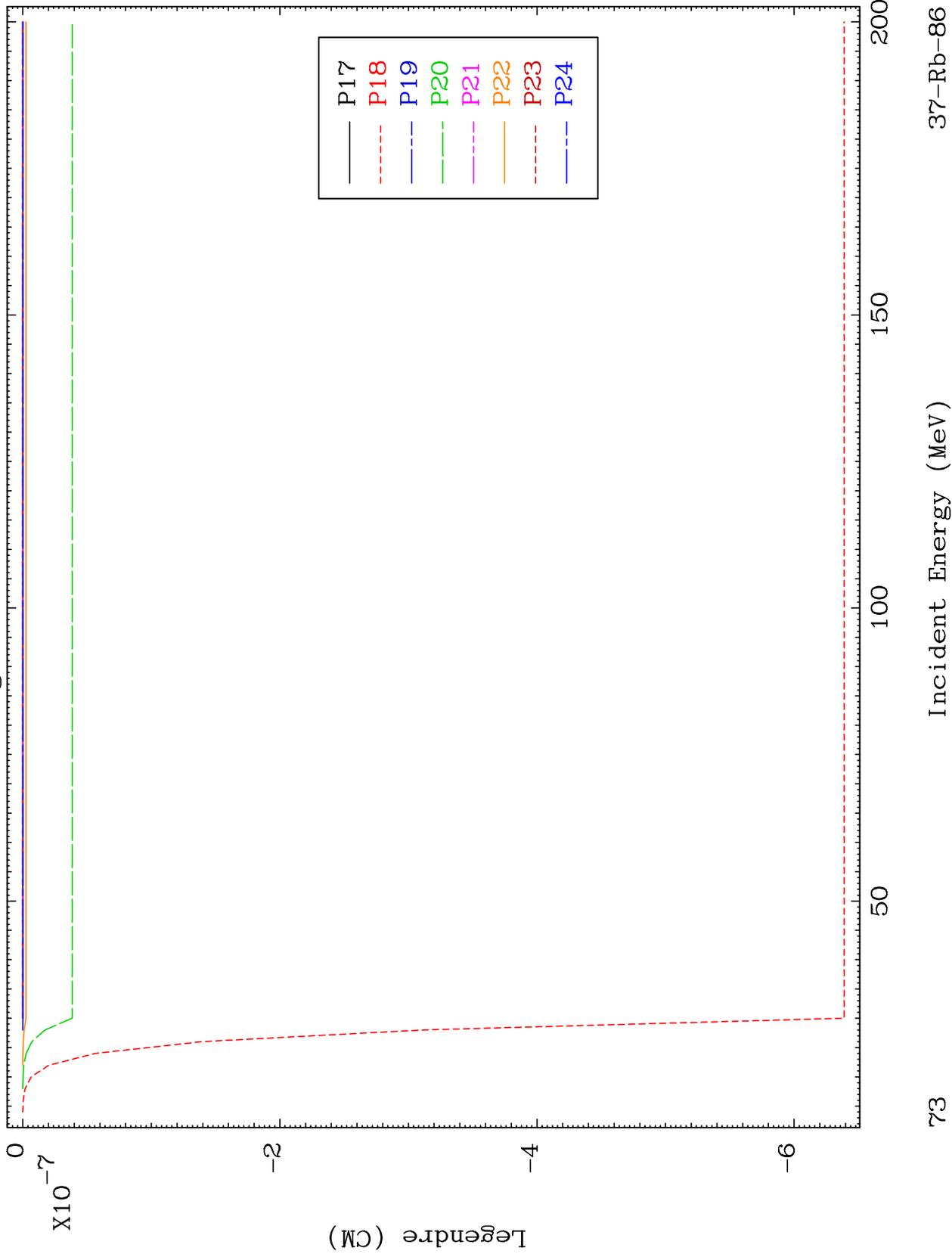
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



73

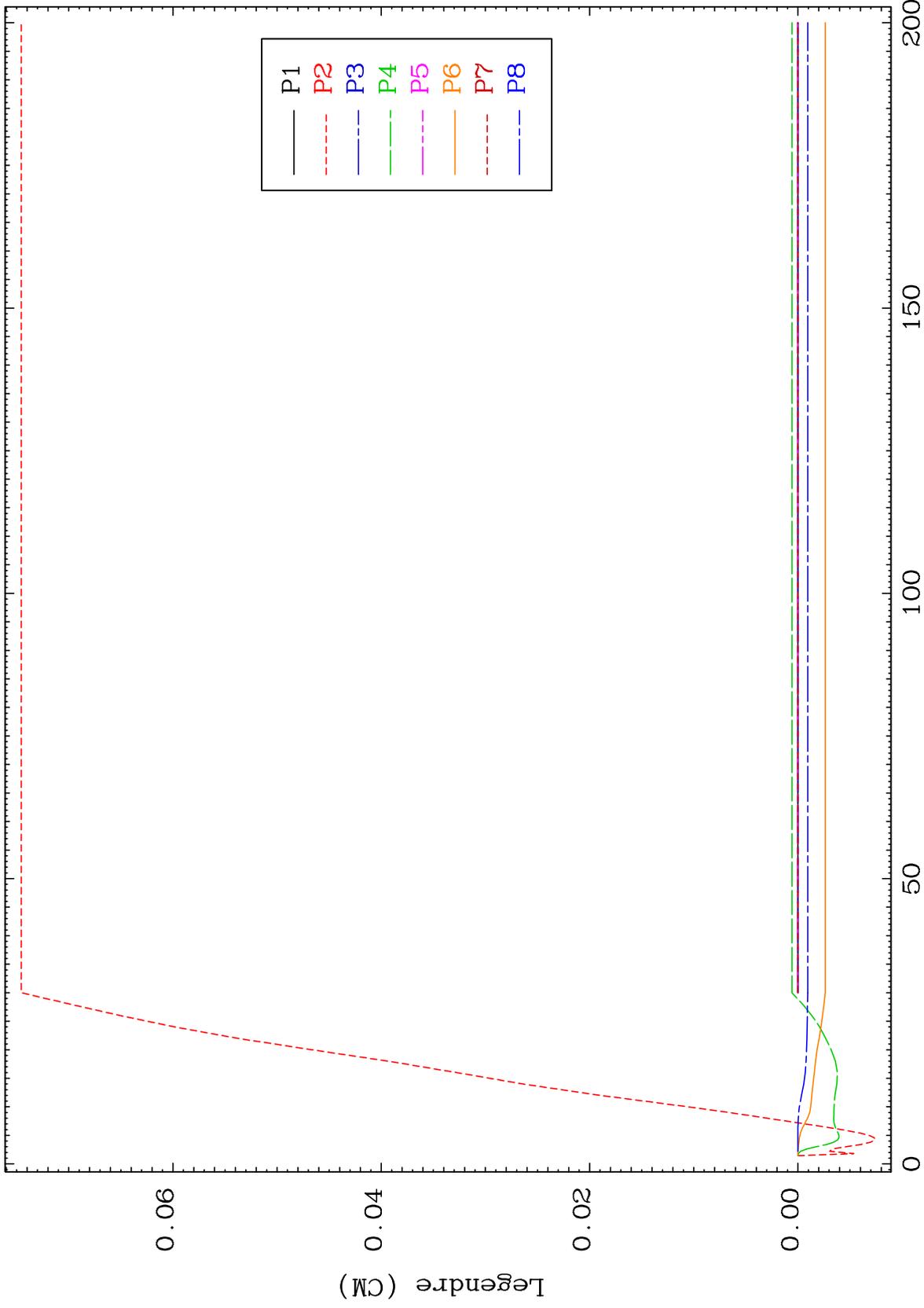
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



74

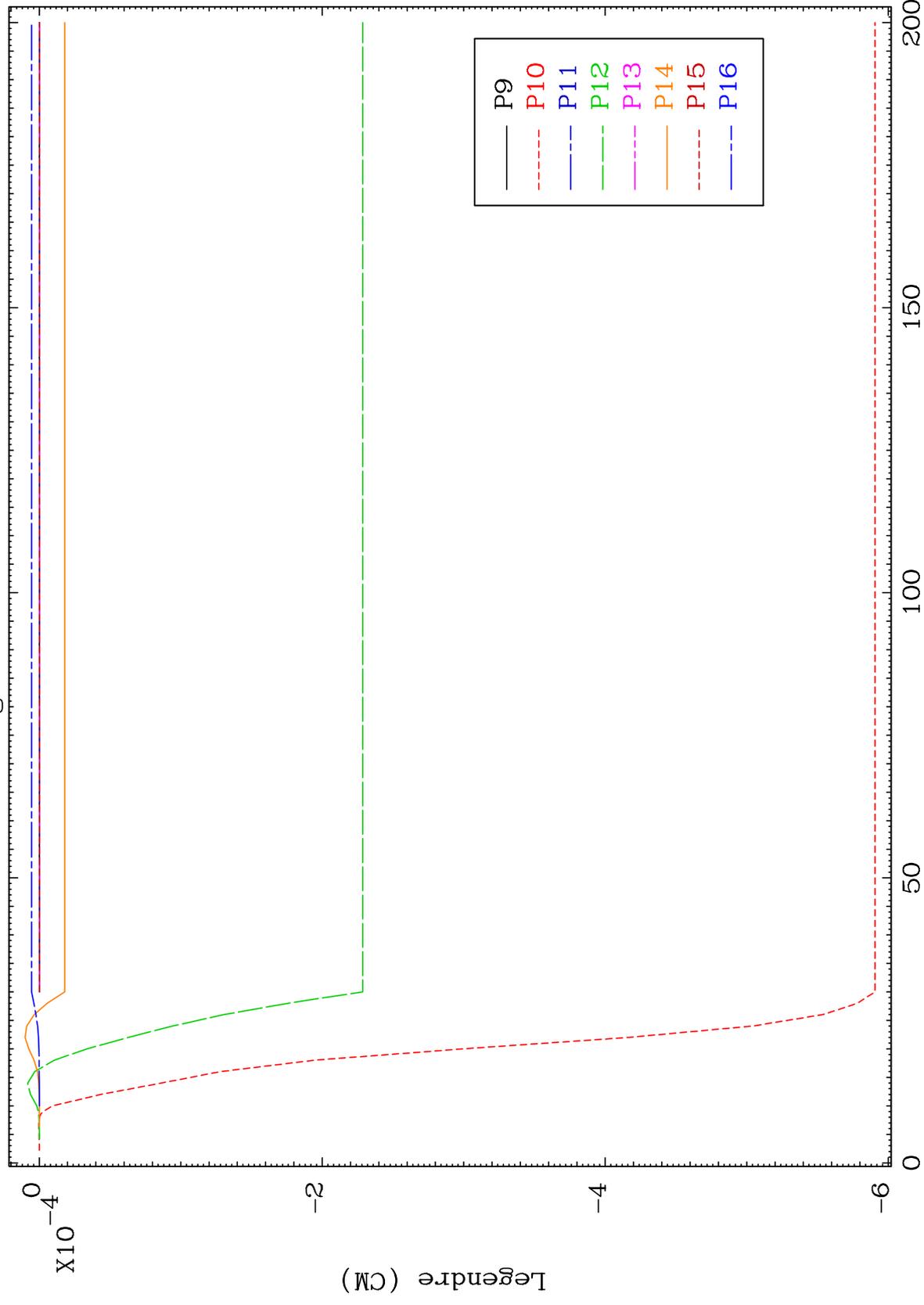
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



75

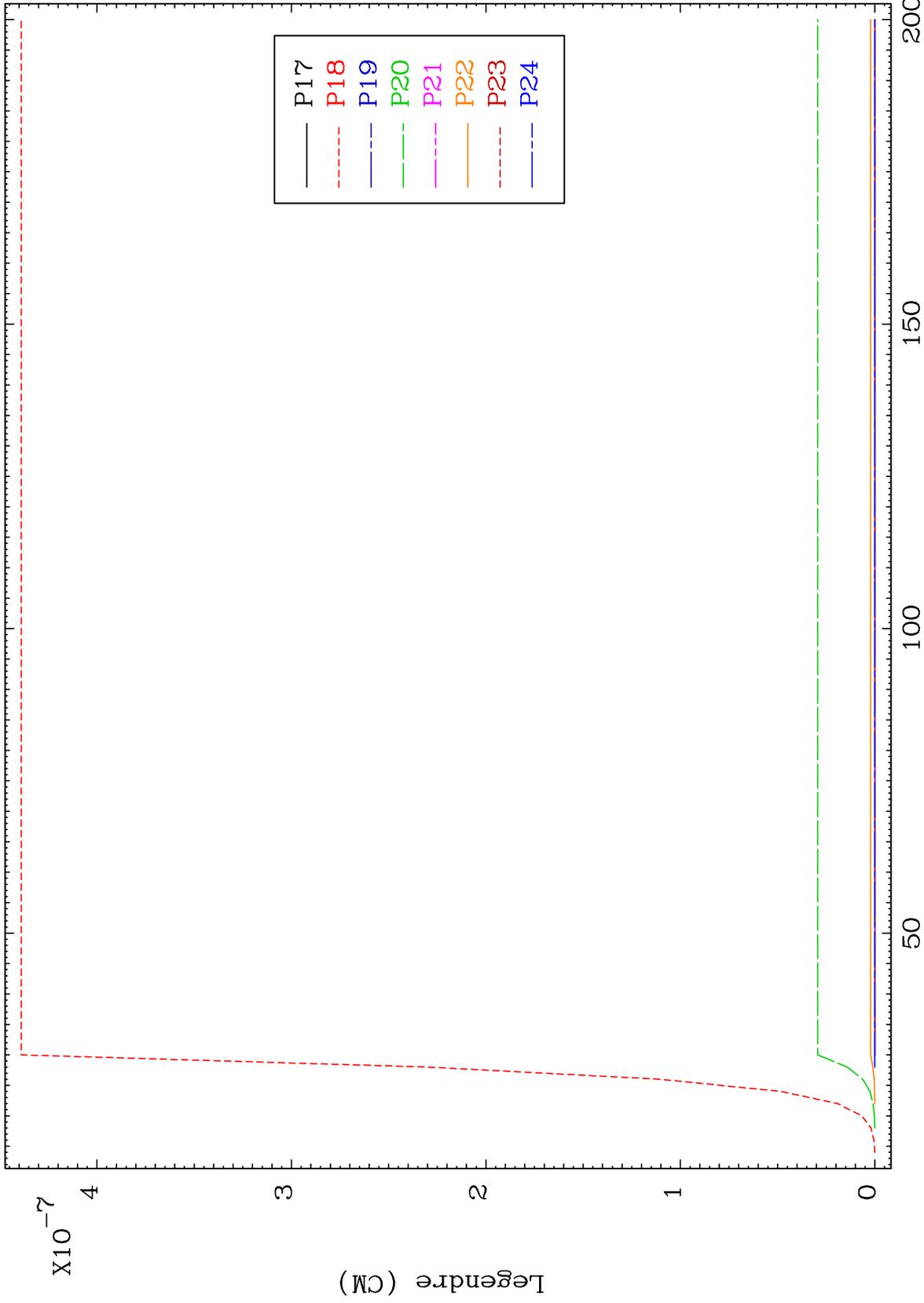
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



76

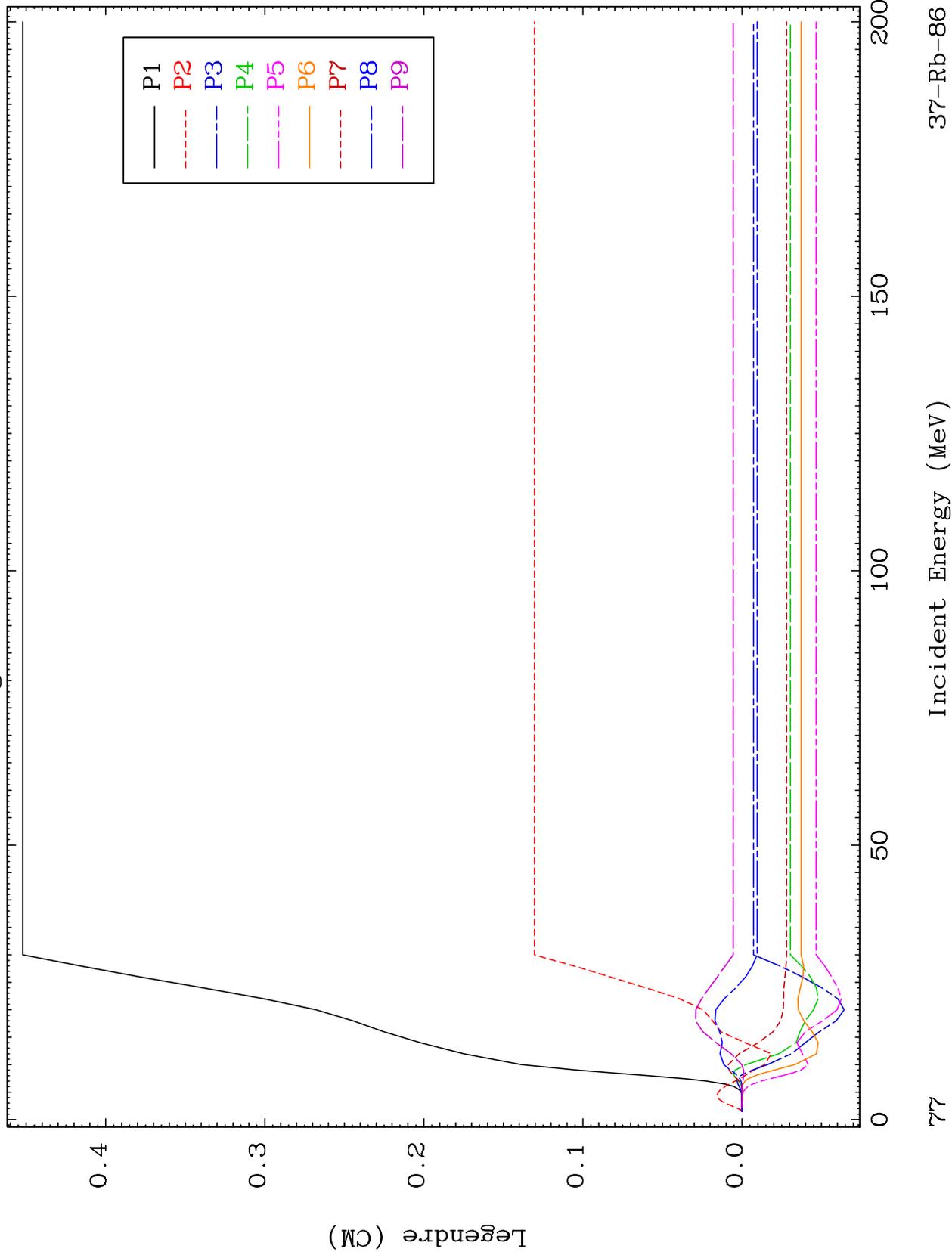
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



77

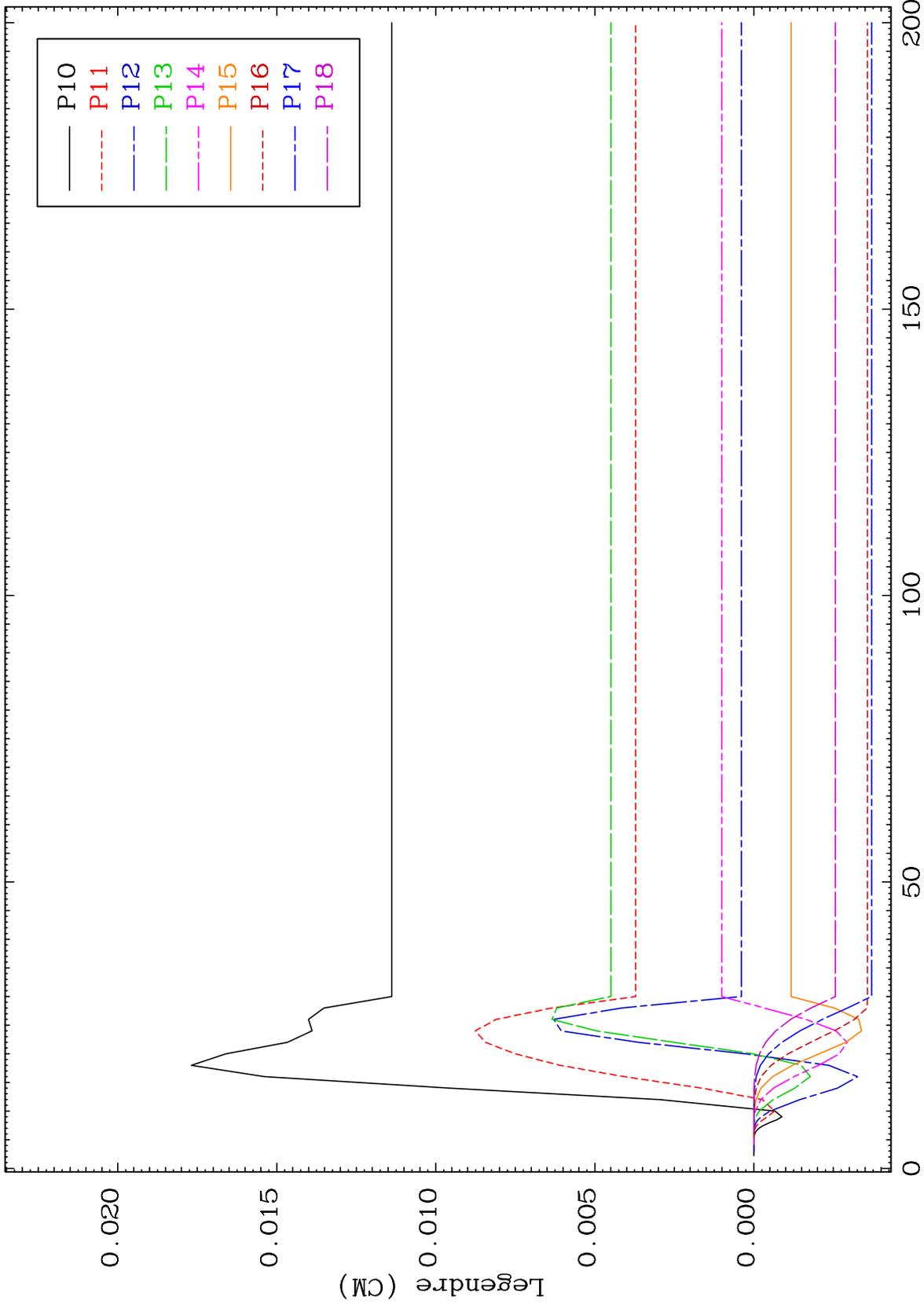
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



78

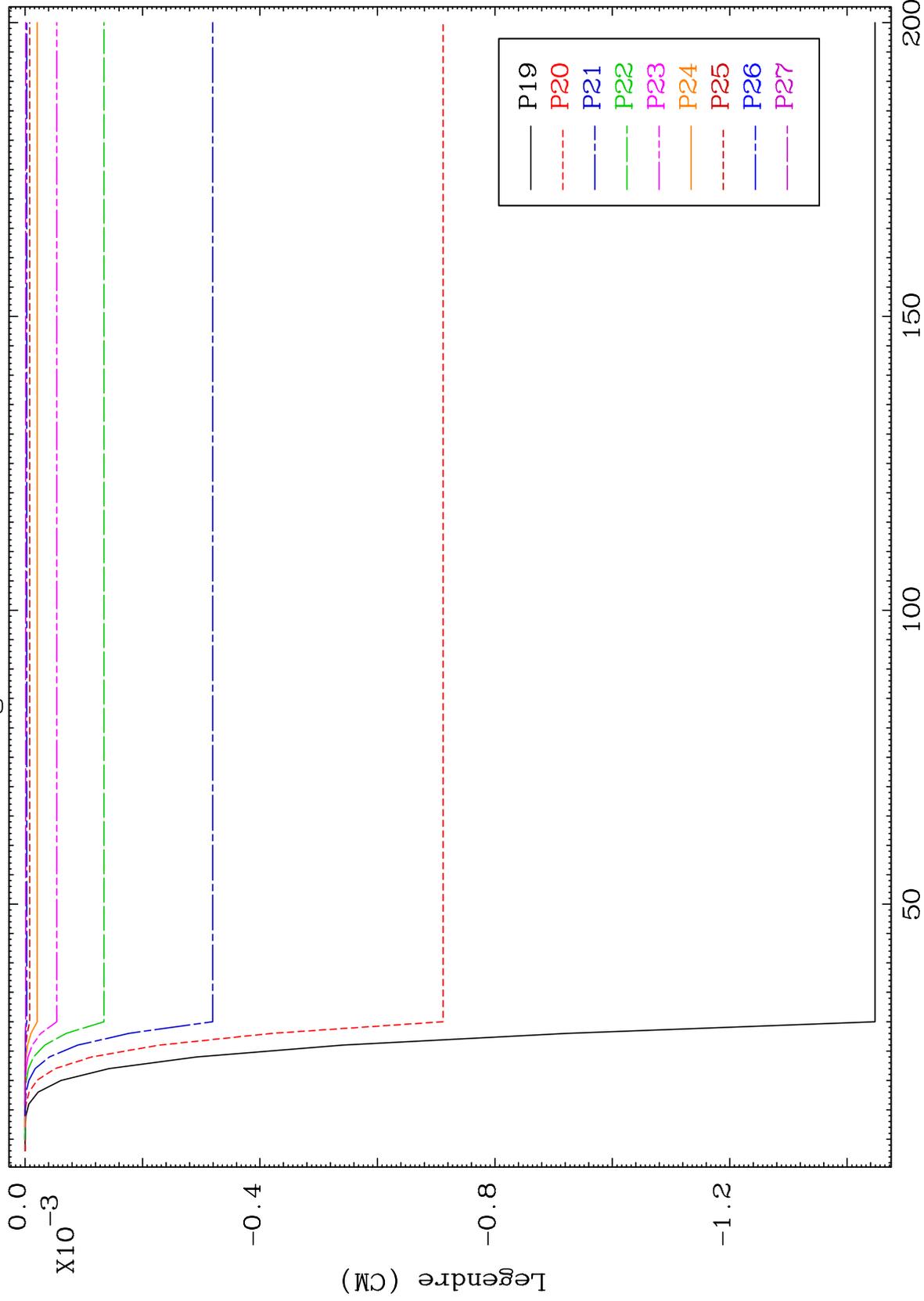
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



79

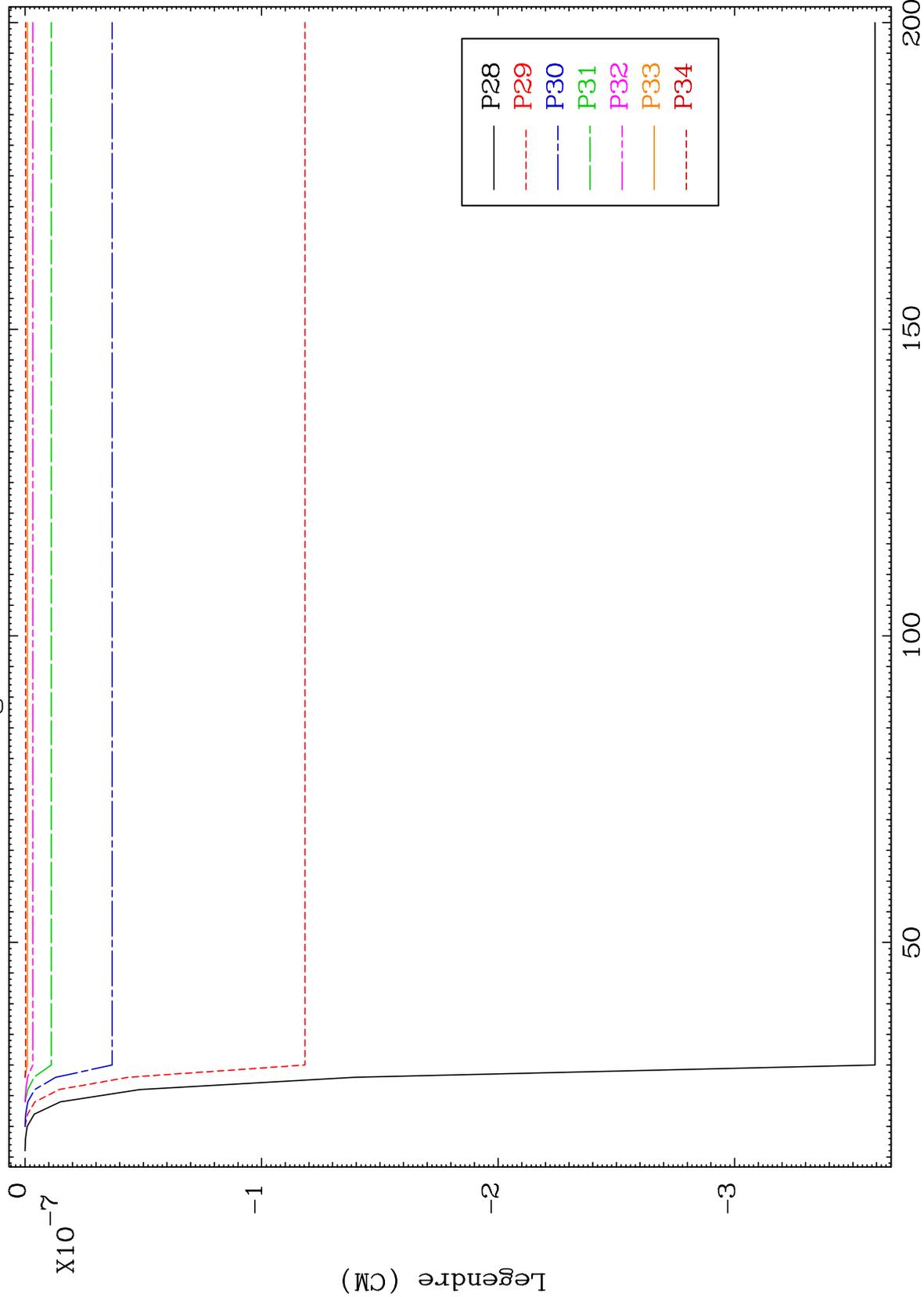
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

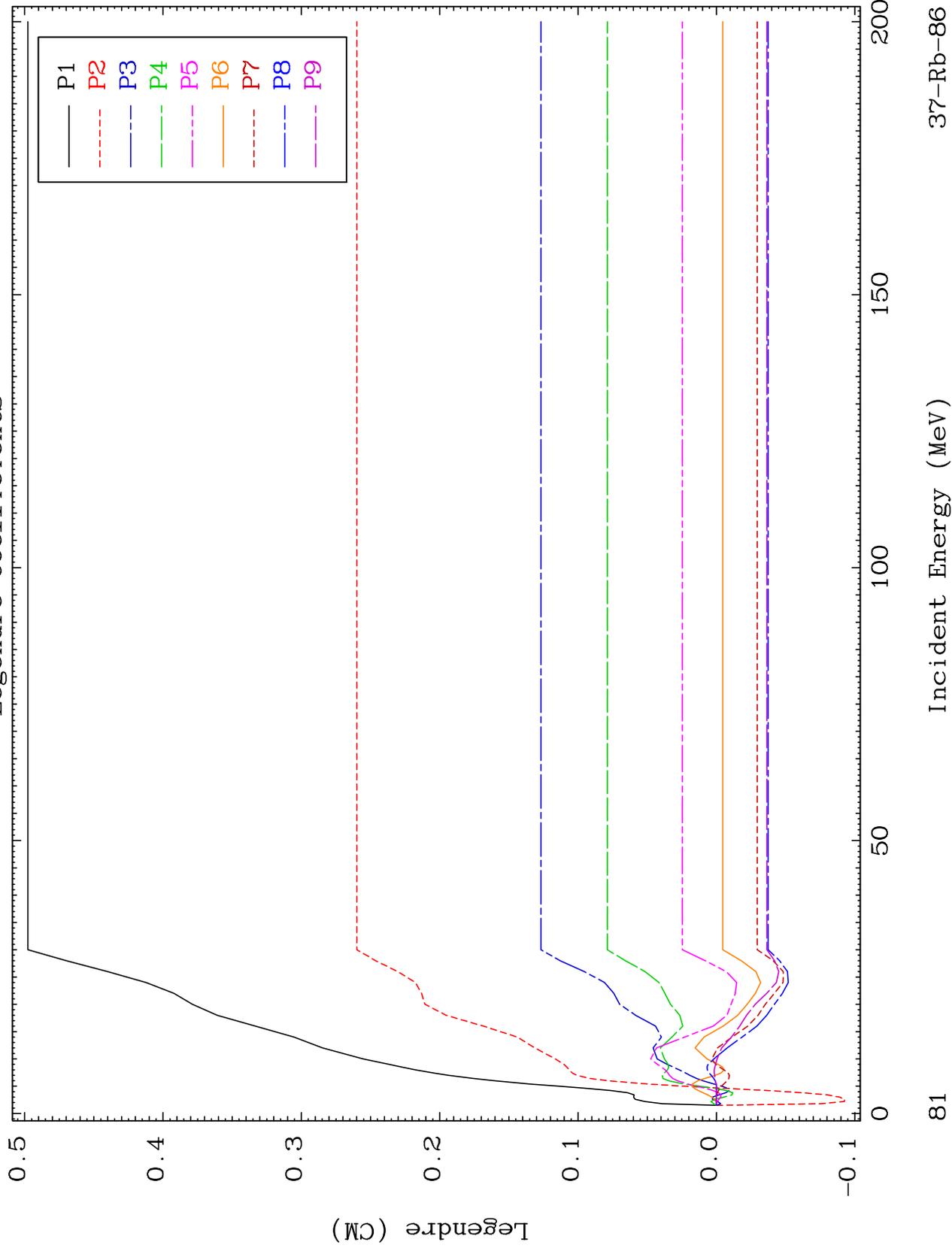
37-Rb-86



80

Incident Energy (MeV)

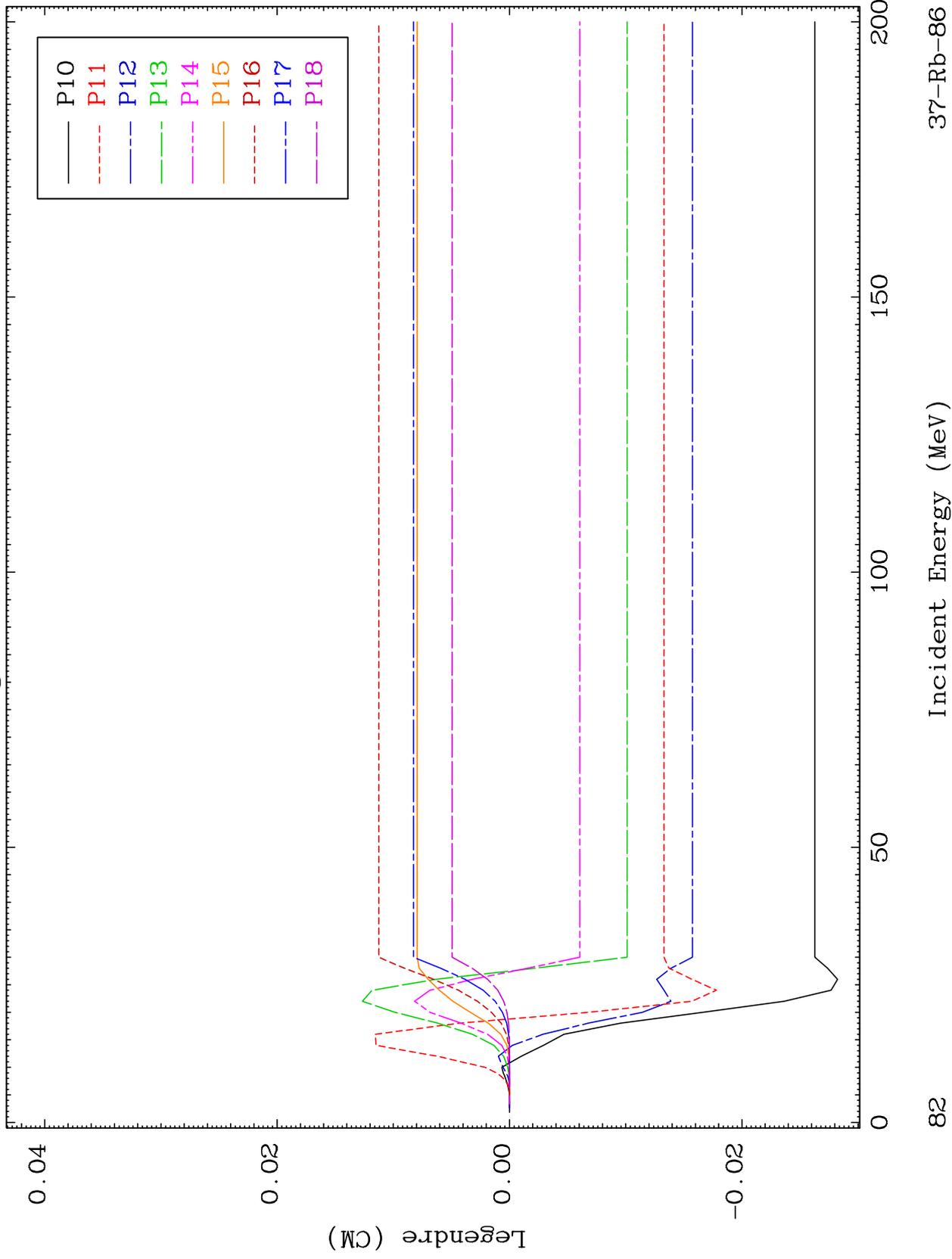
37-Rb-86



MAT 3728

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

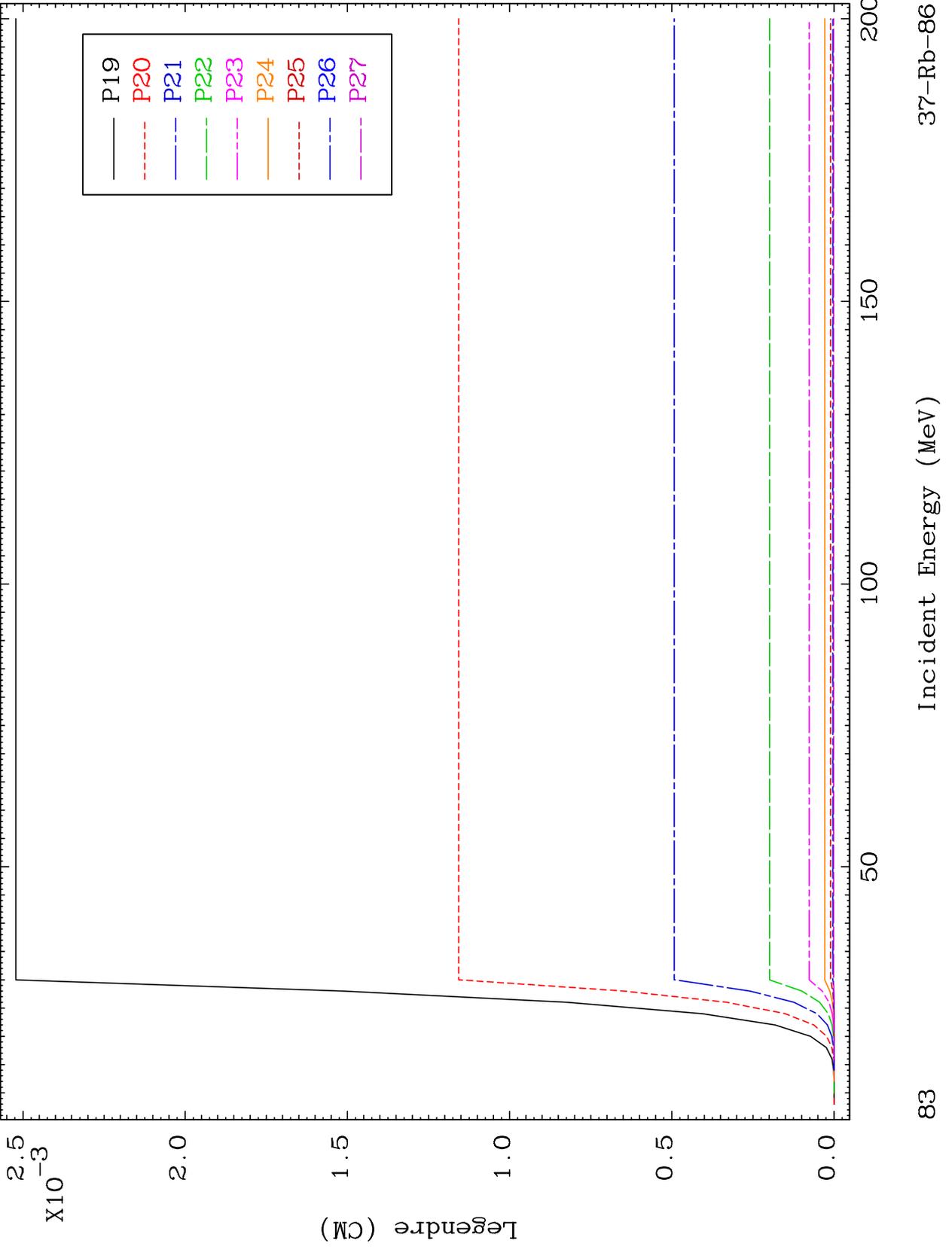
37-Rb-86



82

Incident Energy (MeV)

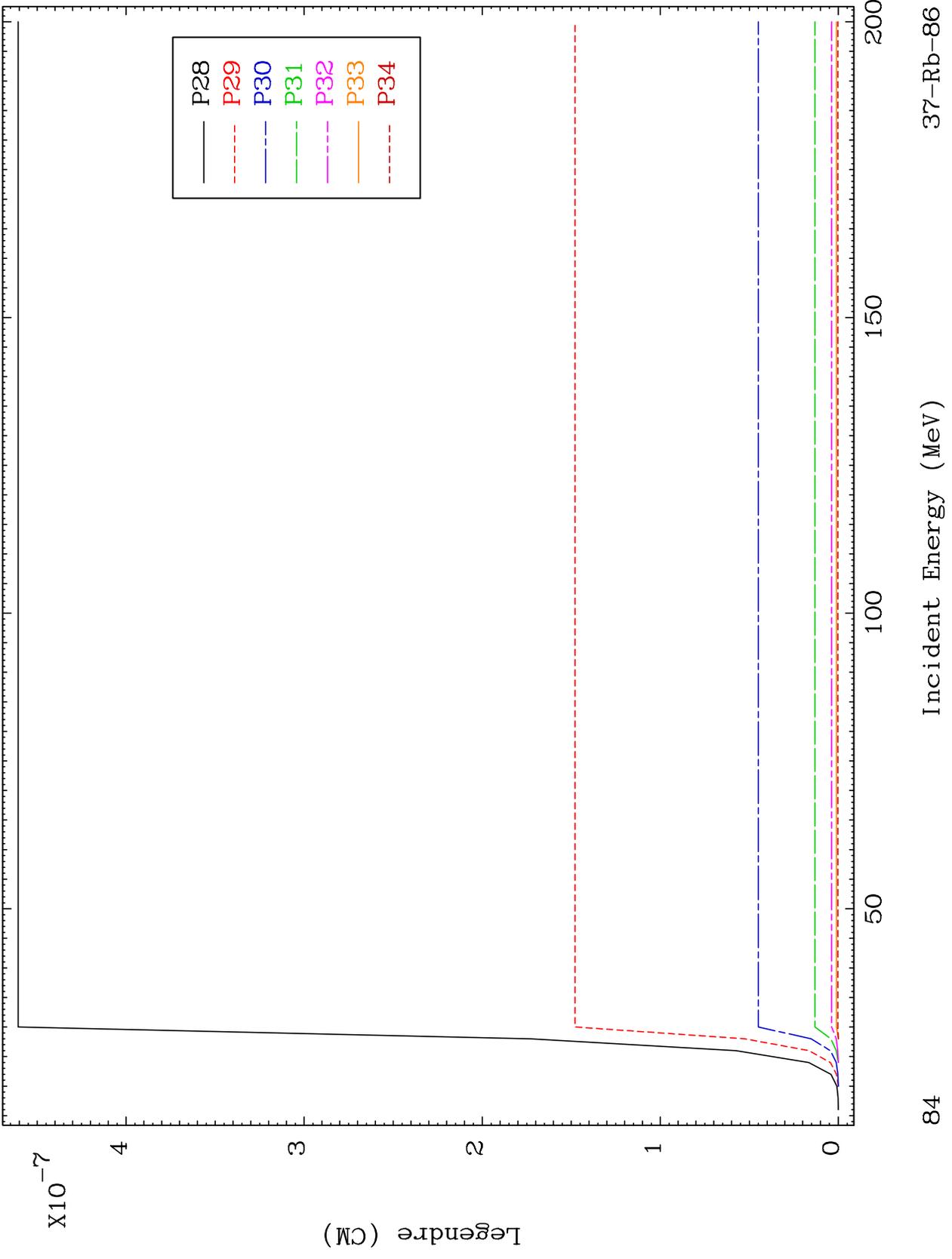
37-Rb-86



MAT 3728

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

37-Rb-86



84

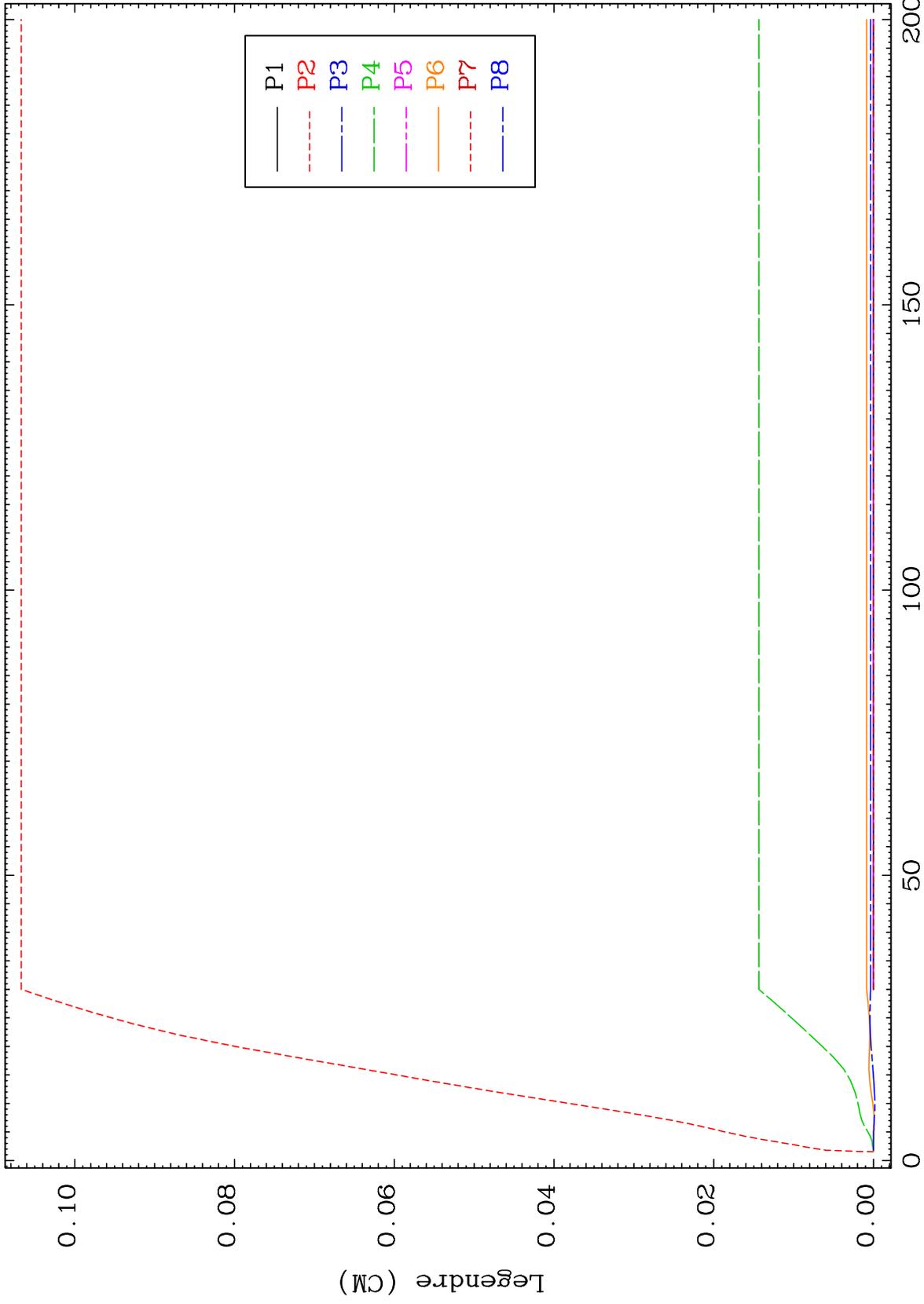
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



85

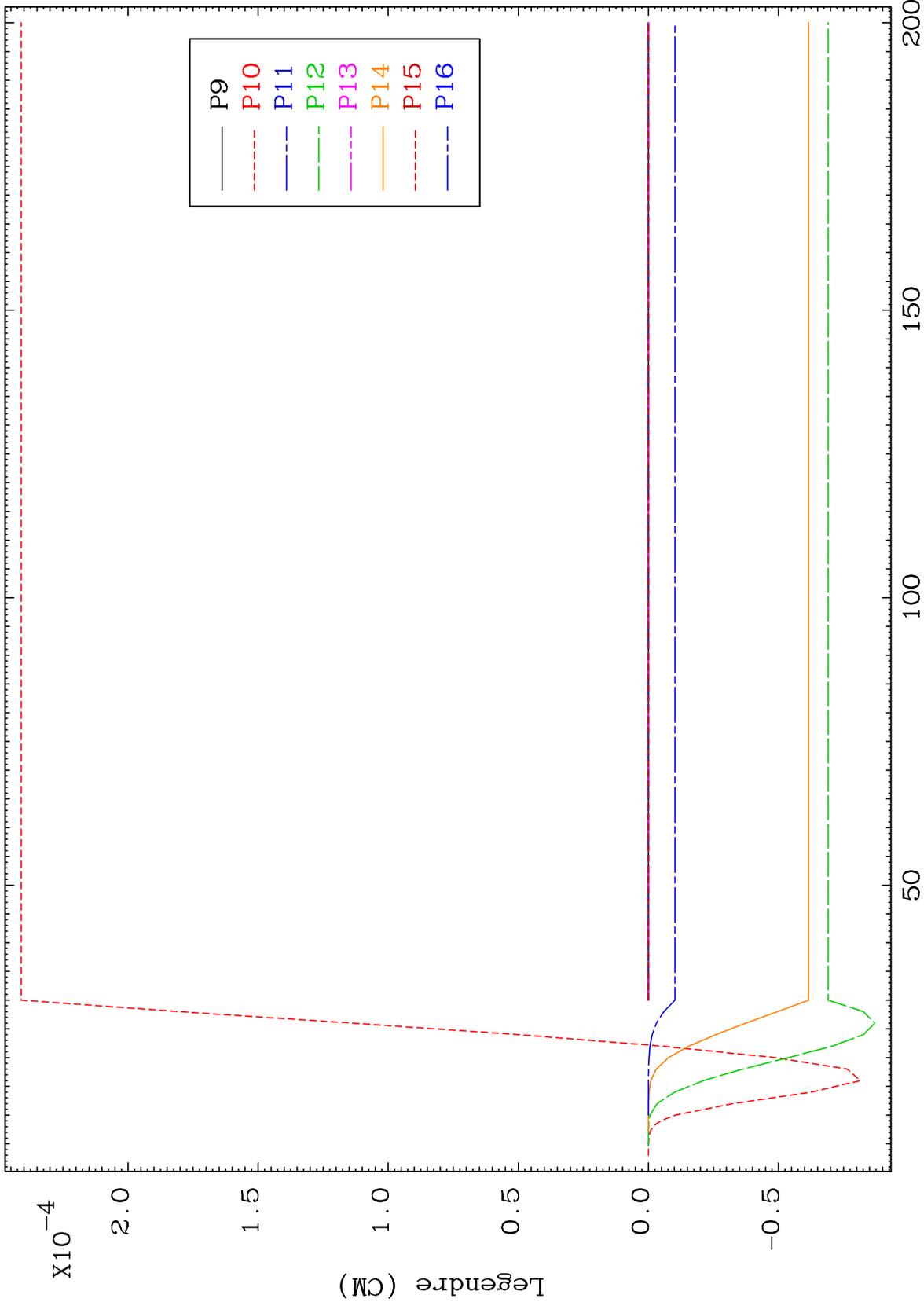
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



86

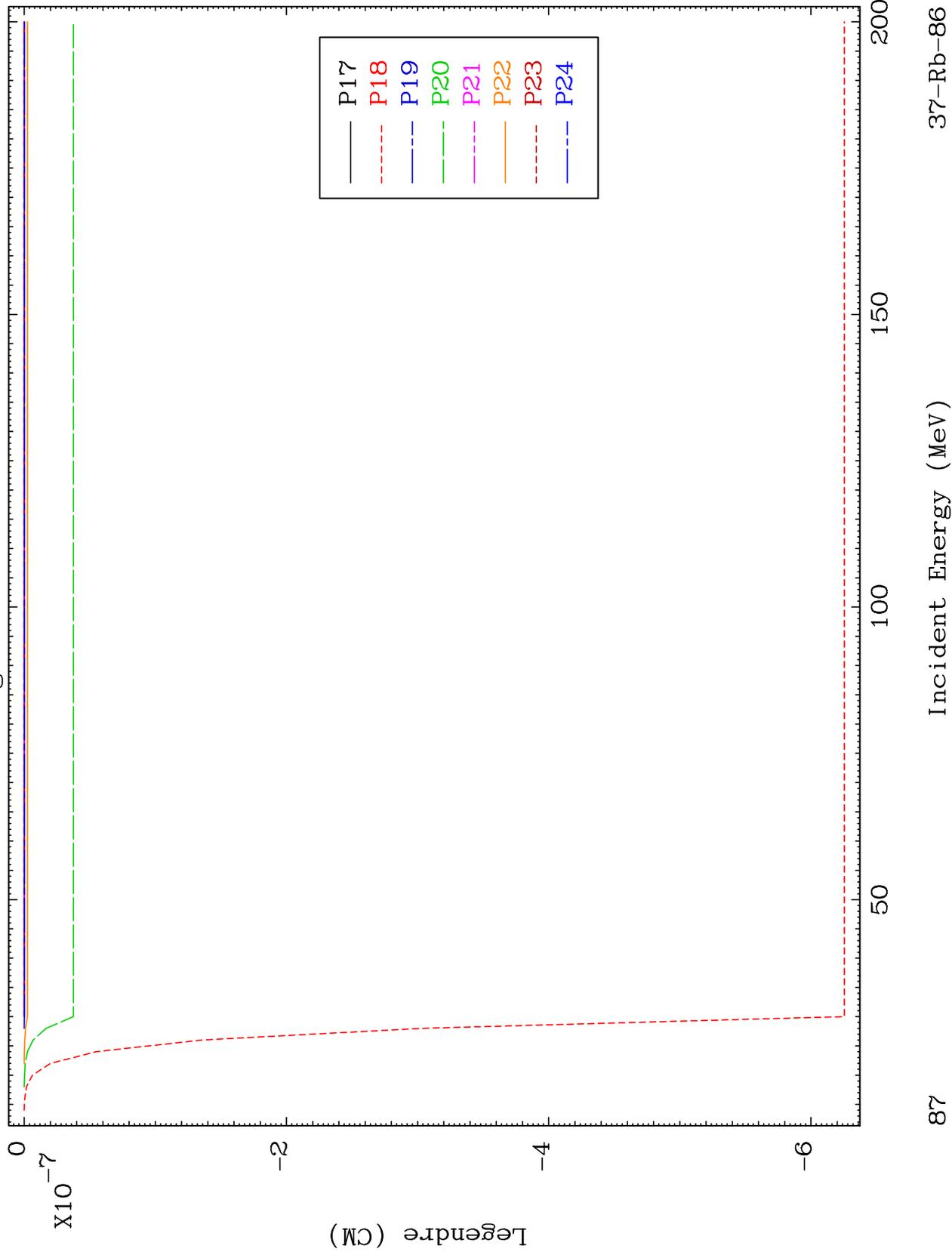
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



87

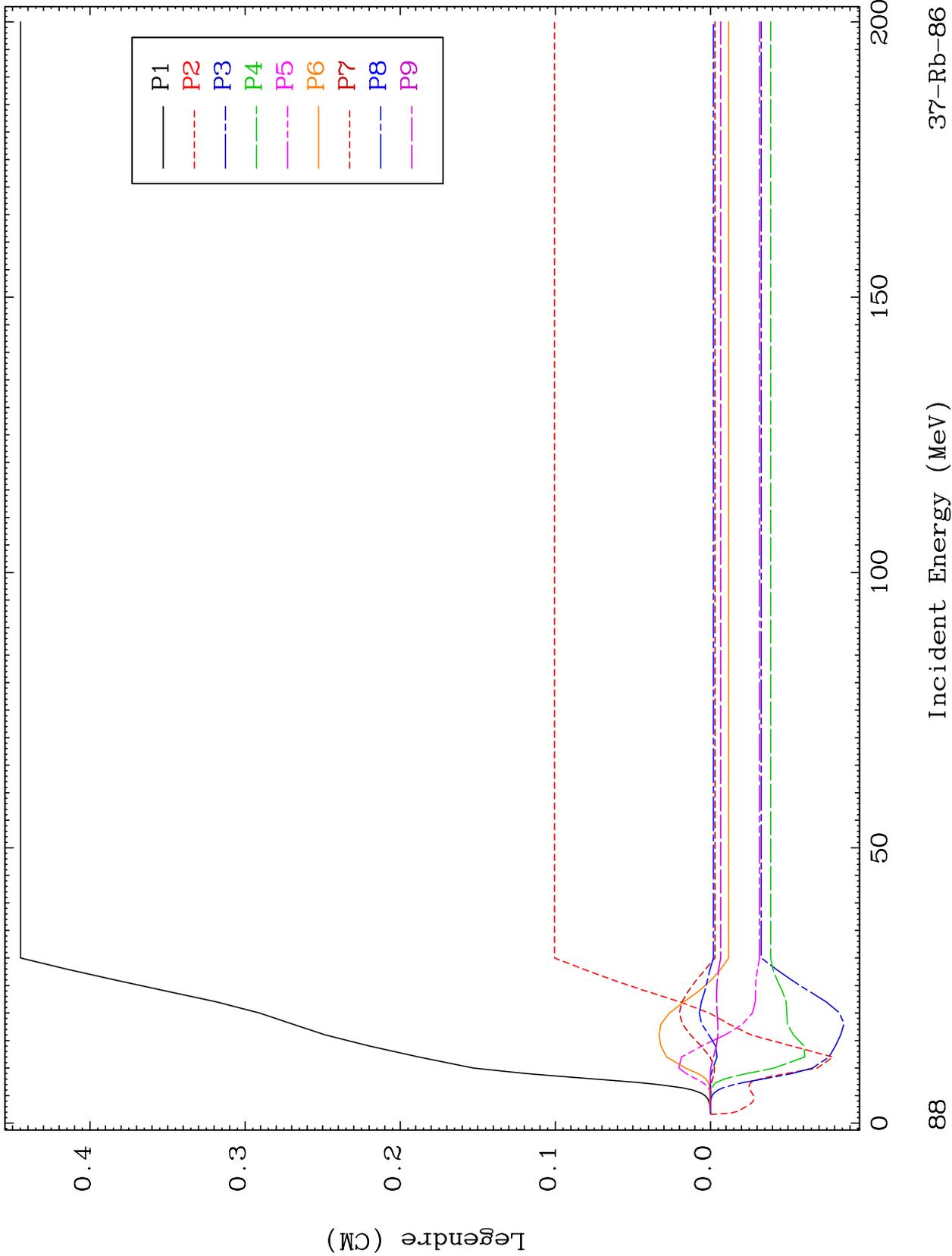
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

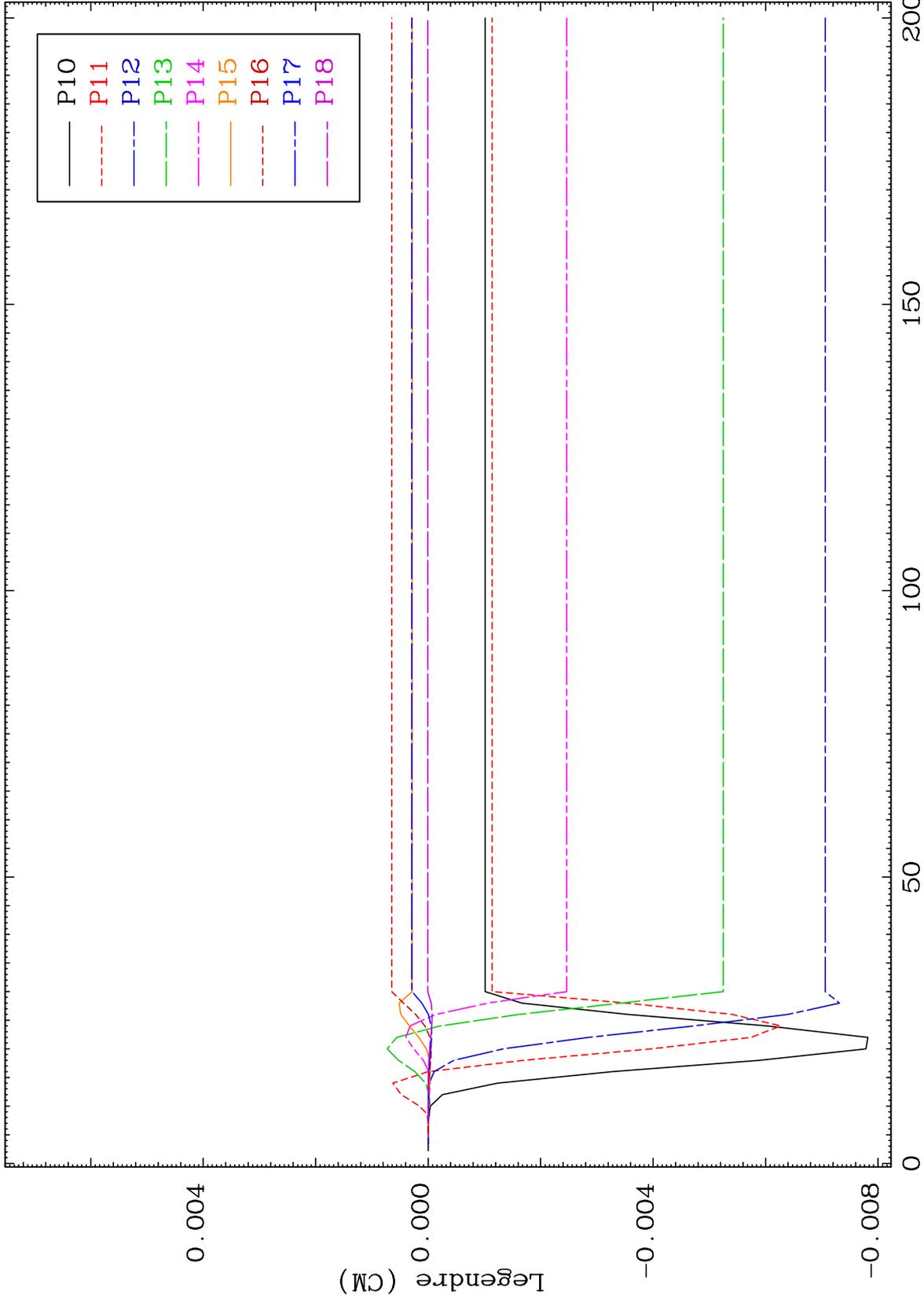
Incident Energy (MeV)

88

MAT 3728

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

37-Rb-86



89

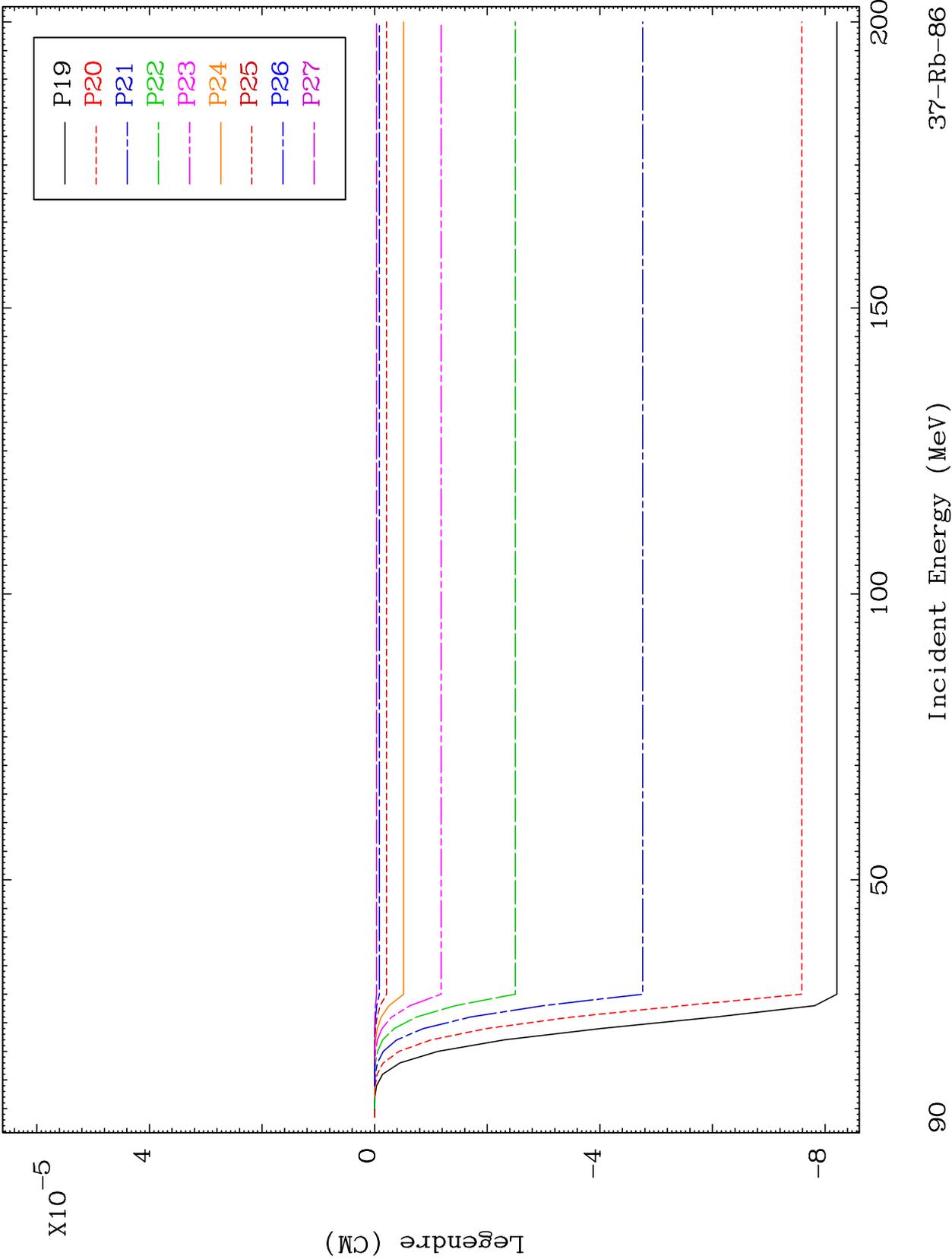
Incident Energy (MeV)

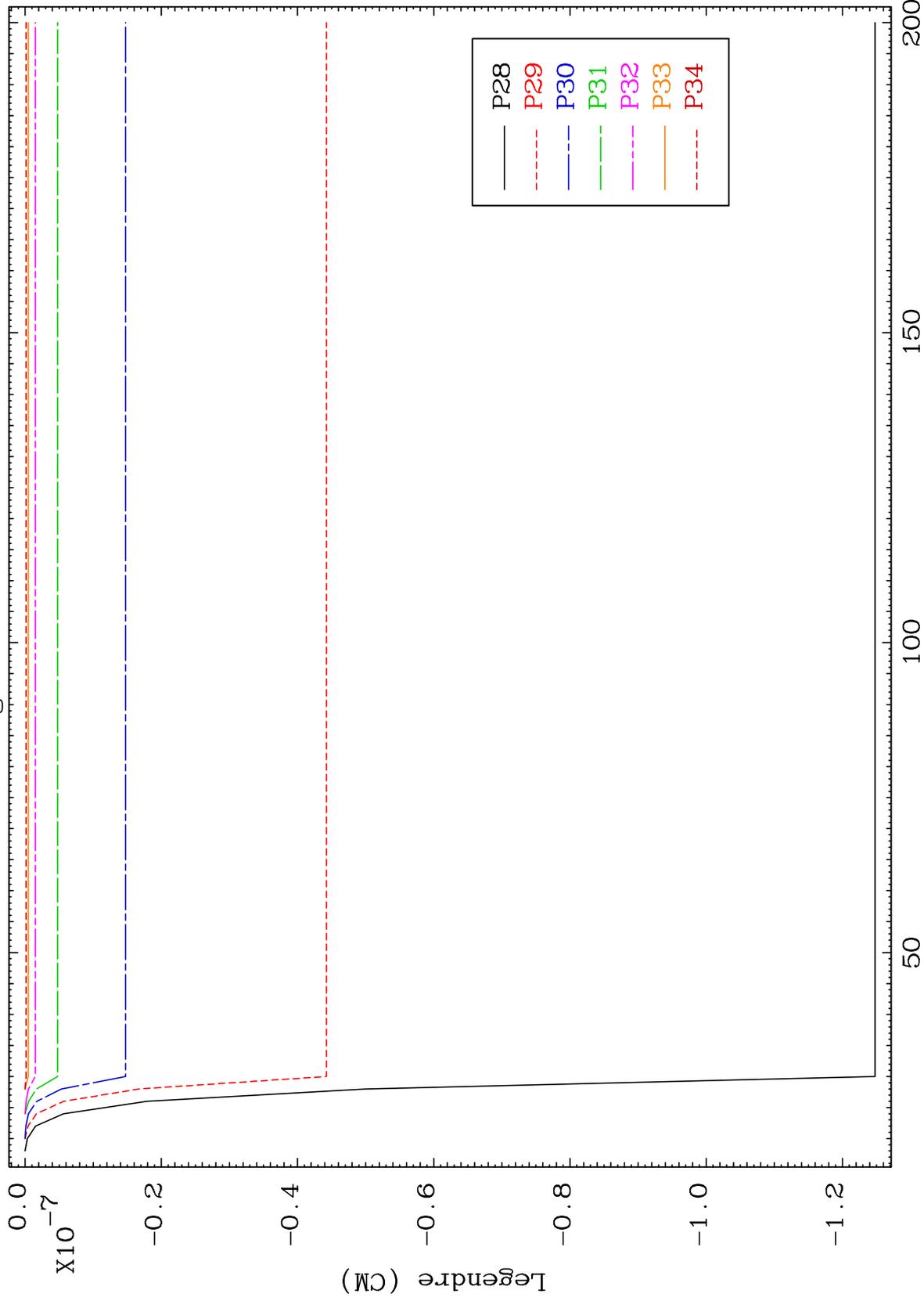
37-Rb-86

MAT 3728

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

37-Rb-86

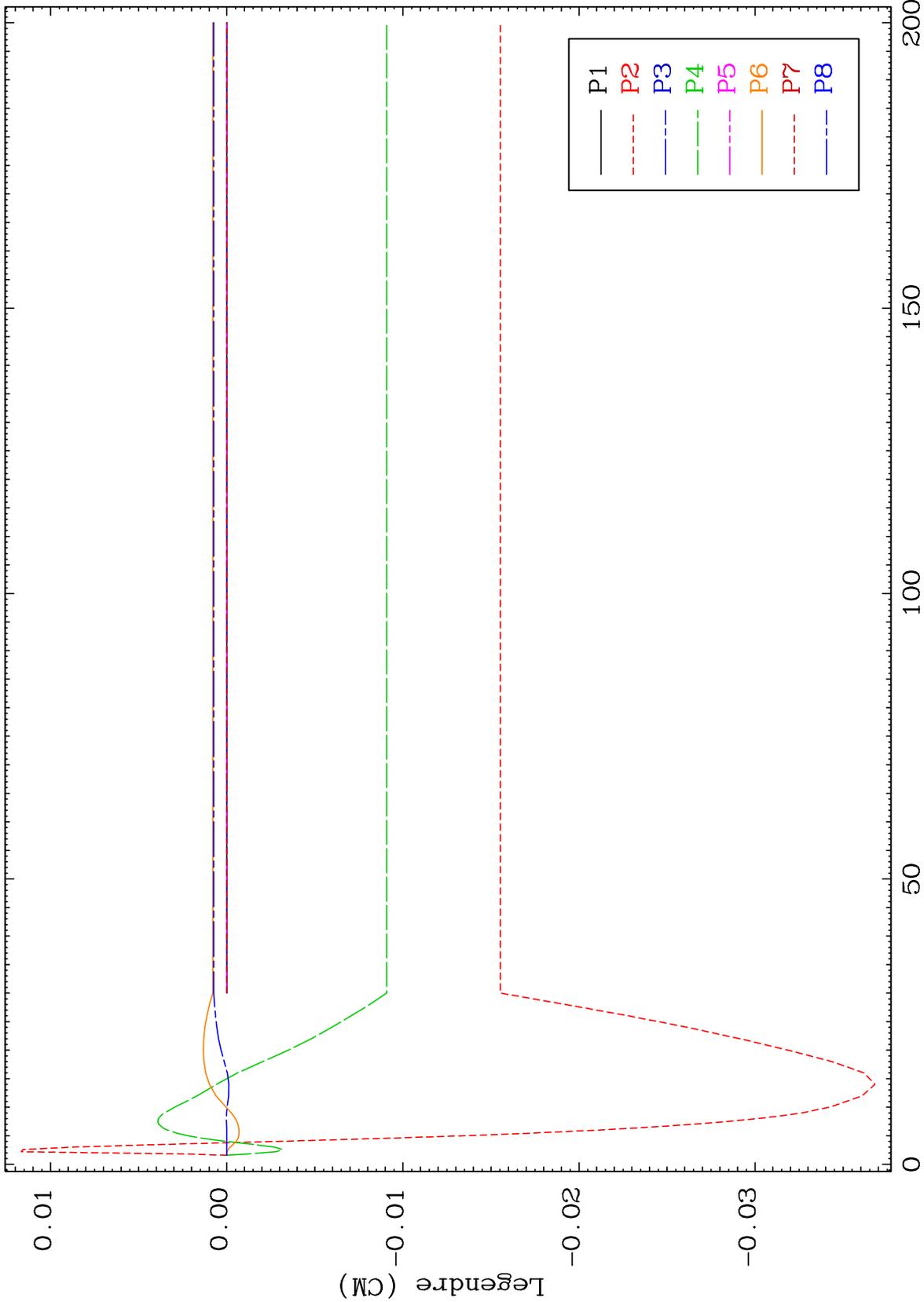




MAT 3728

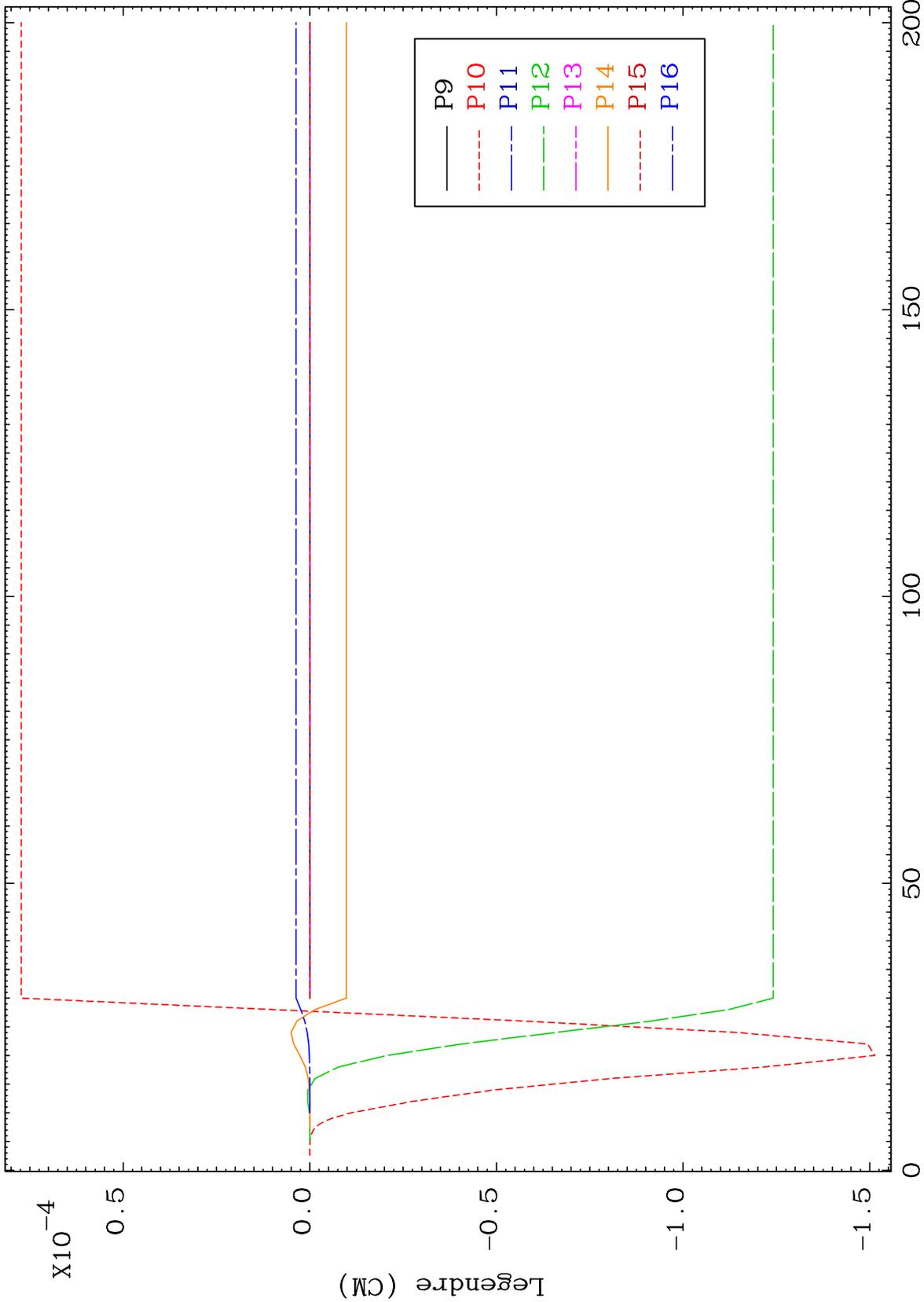
MT= 73 (n,n') Level
Legendre Coefficients

37-Rb-86



92

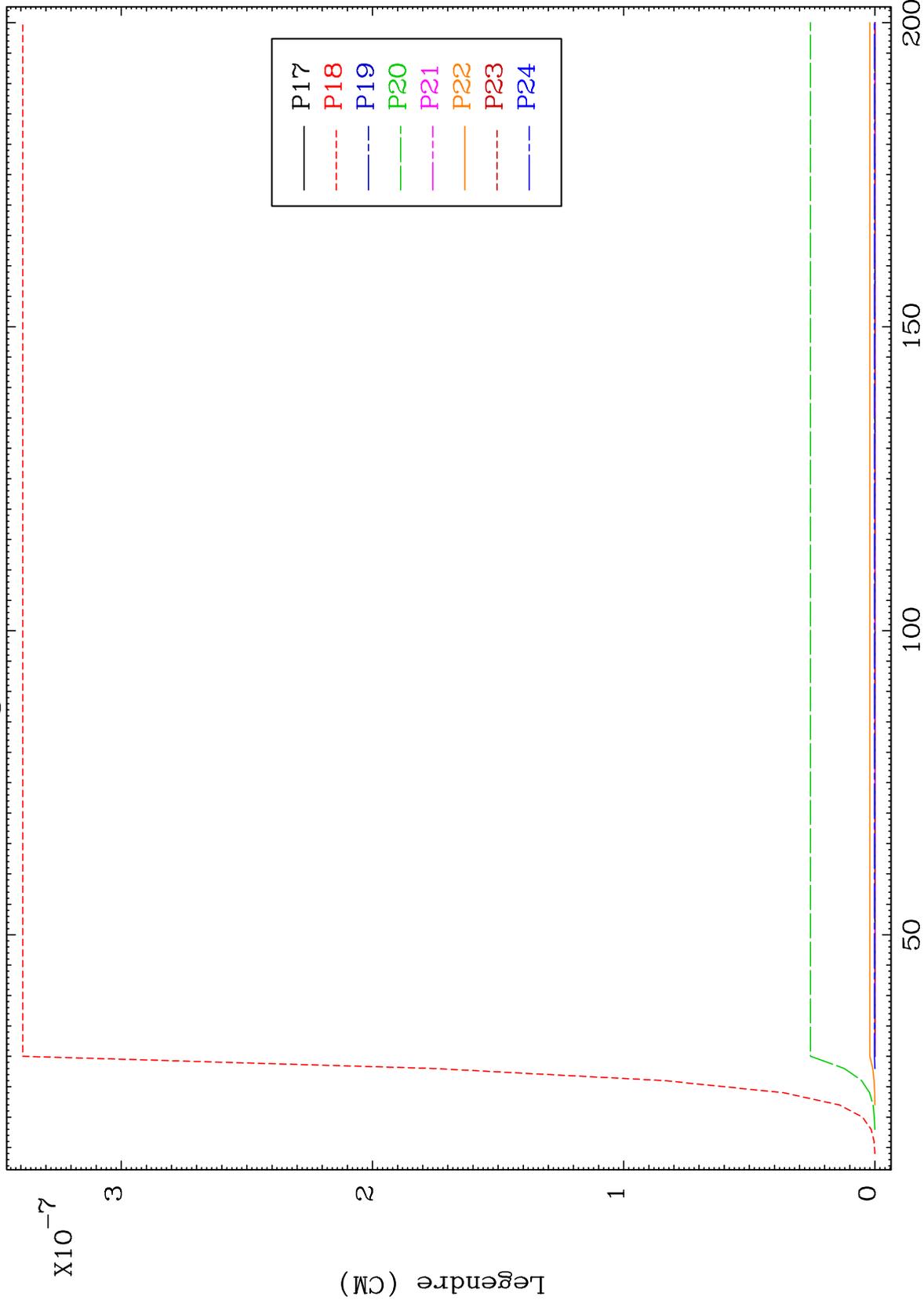
37-Rb-86



MAT 3728

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

37-Rb-86



94

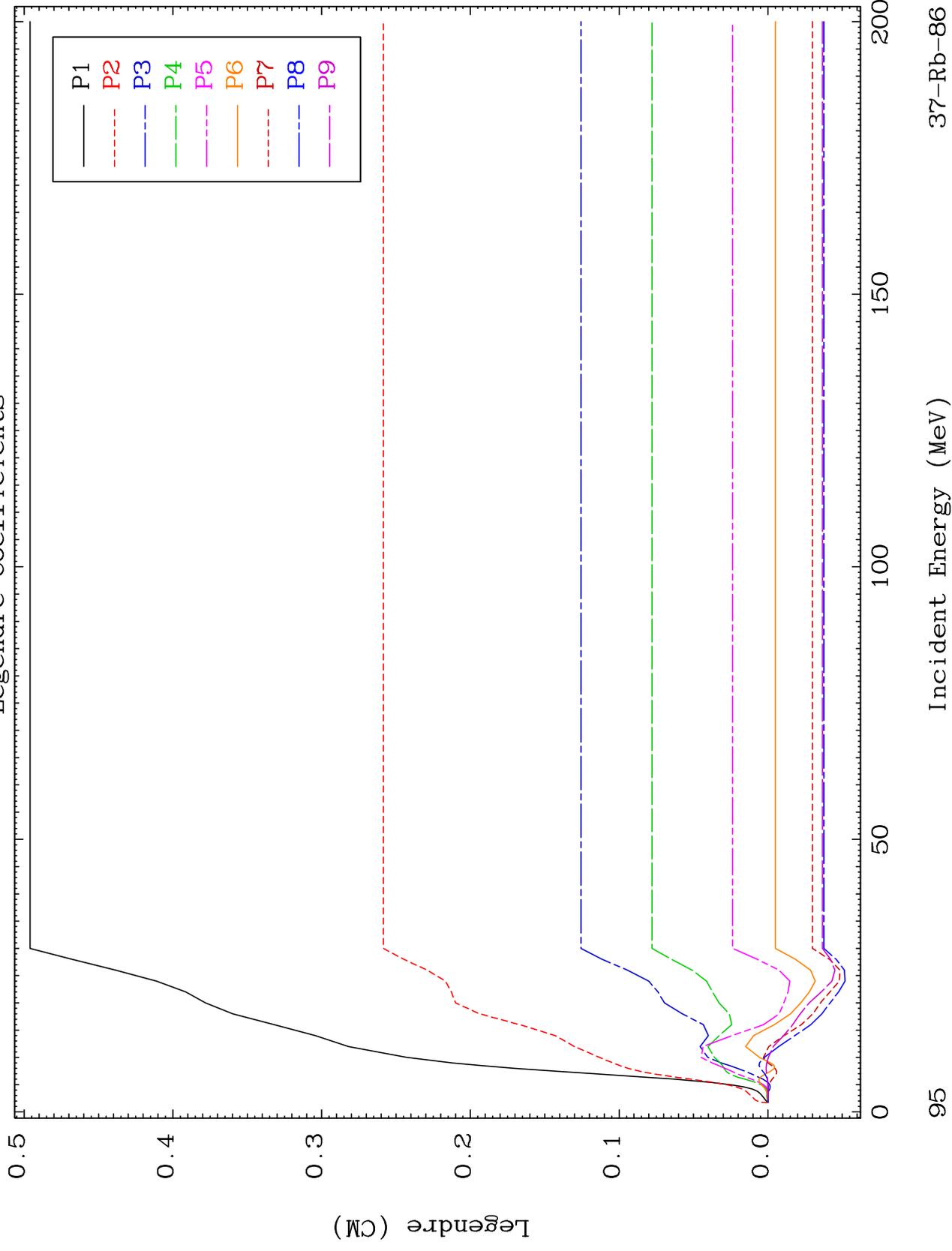
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



95

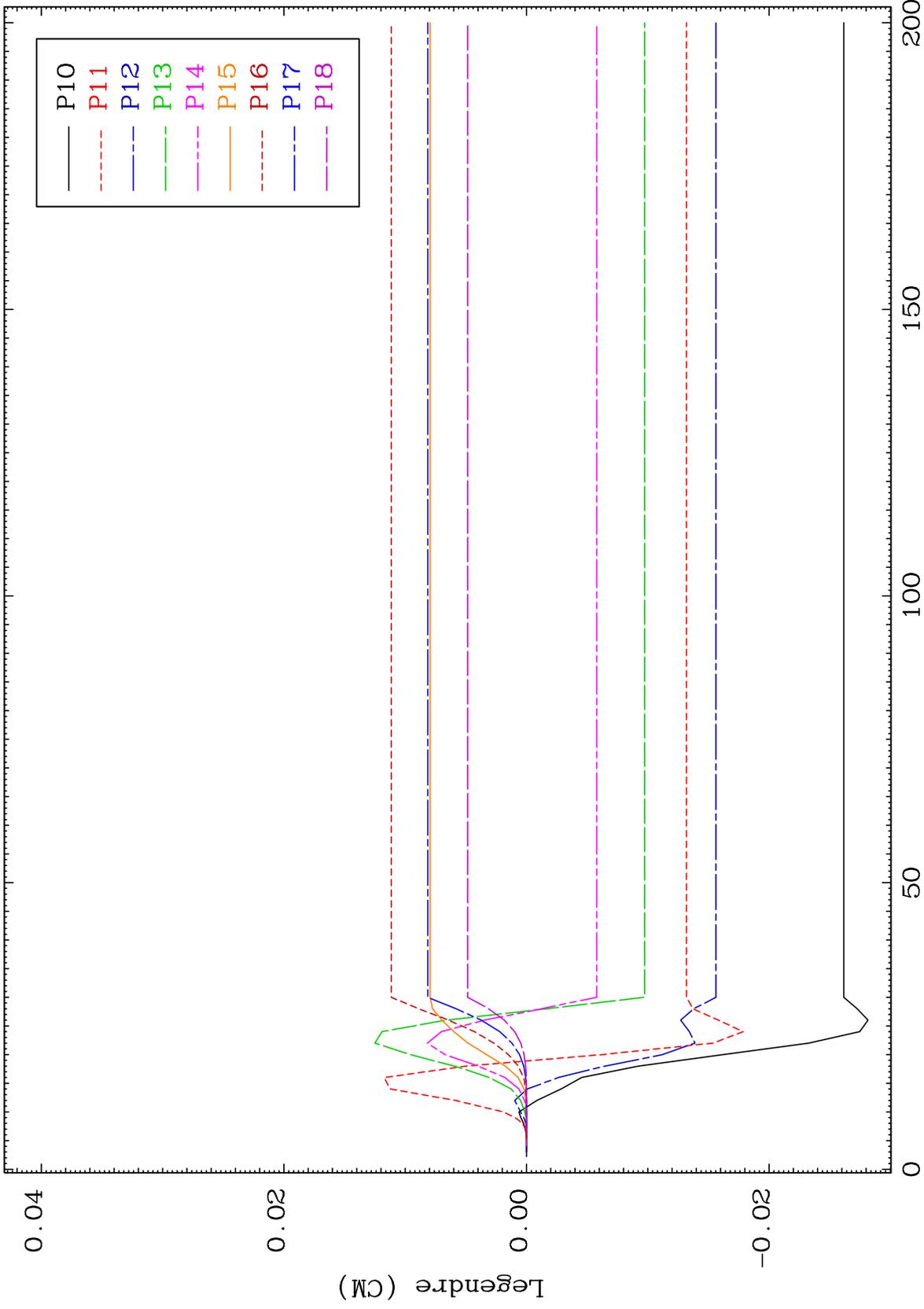
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

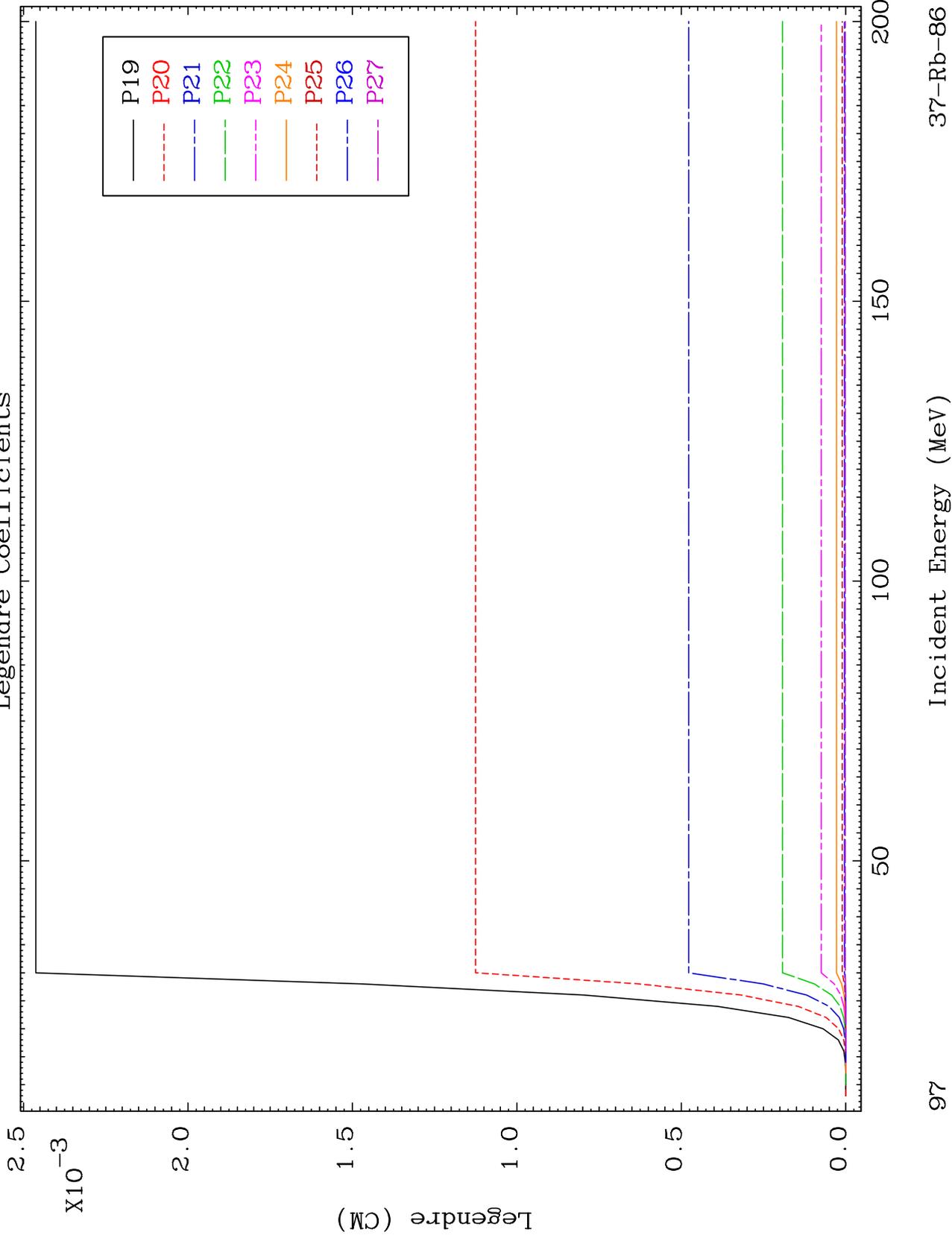
37-Rb-86



96

Incident Energy (MeV)

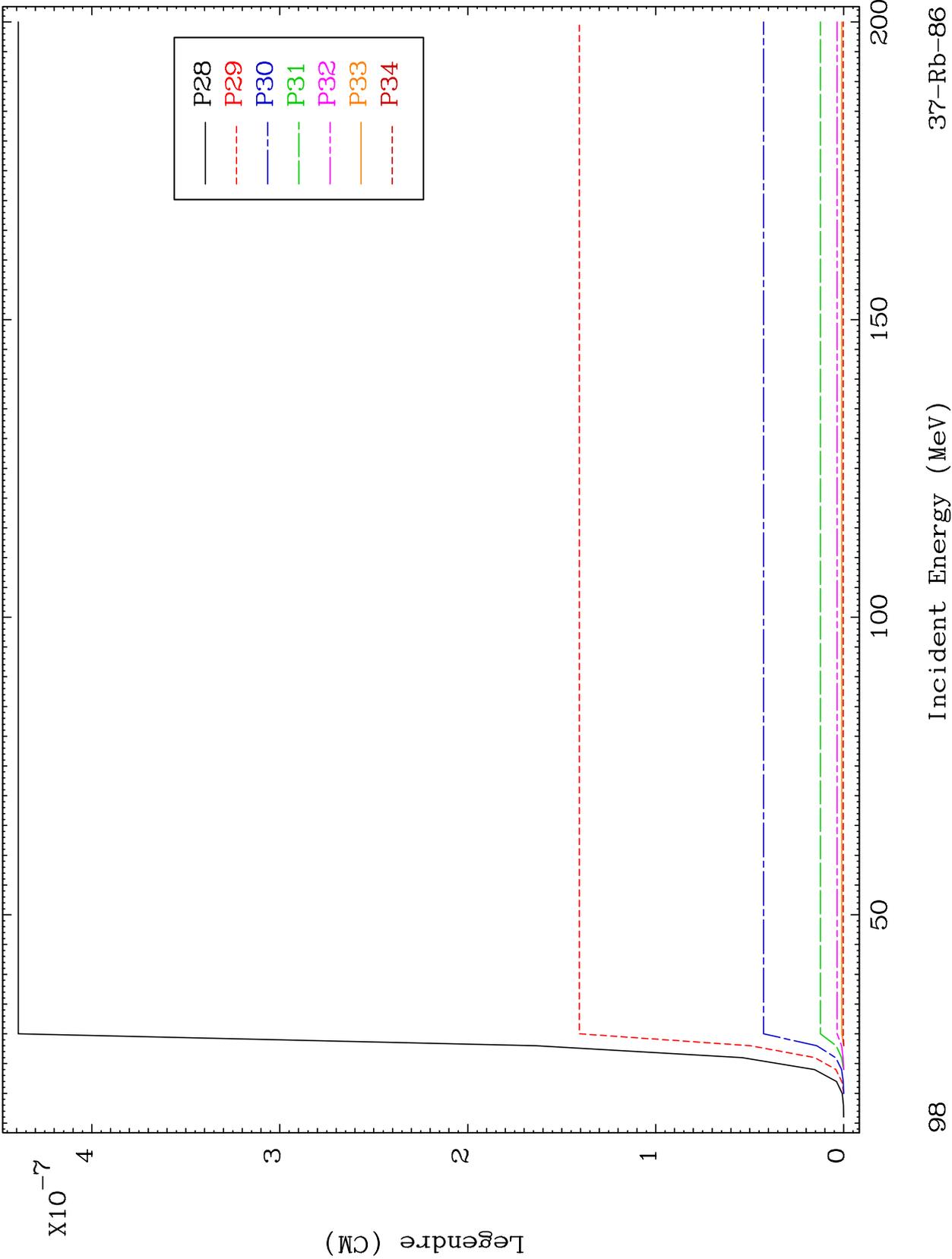
37-Rb-86



MAT 3728

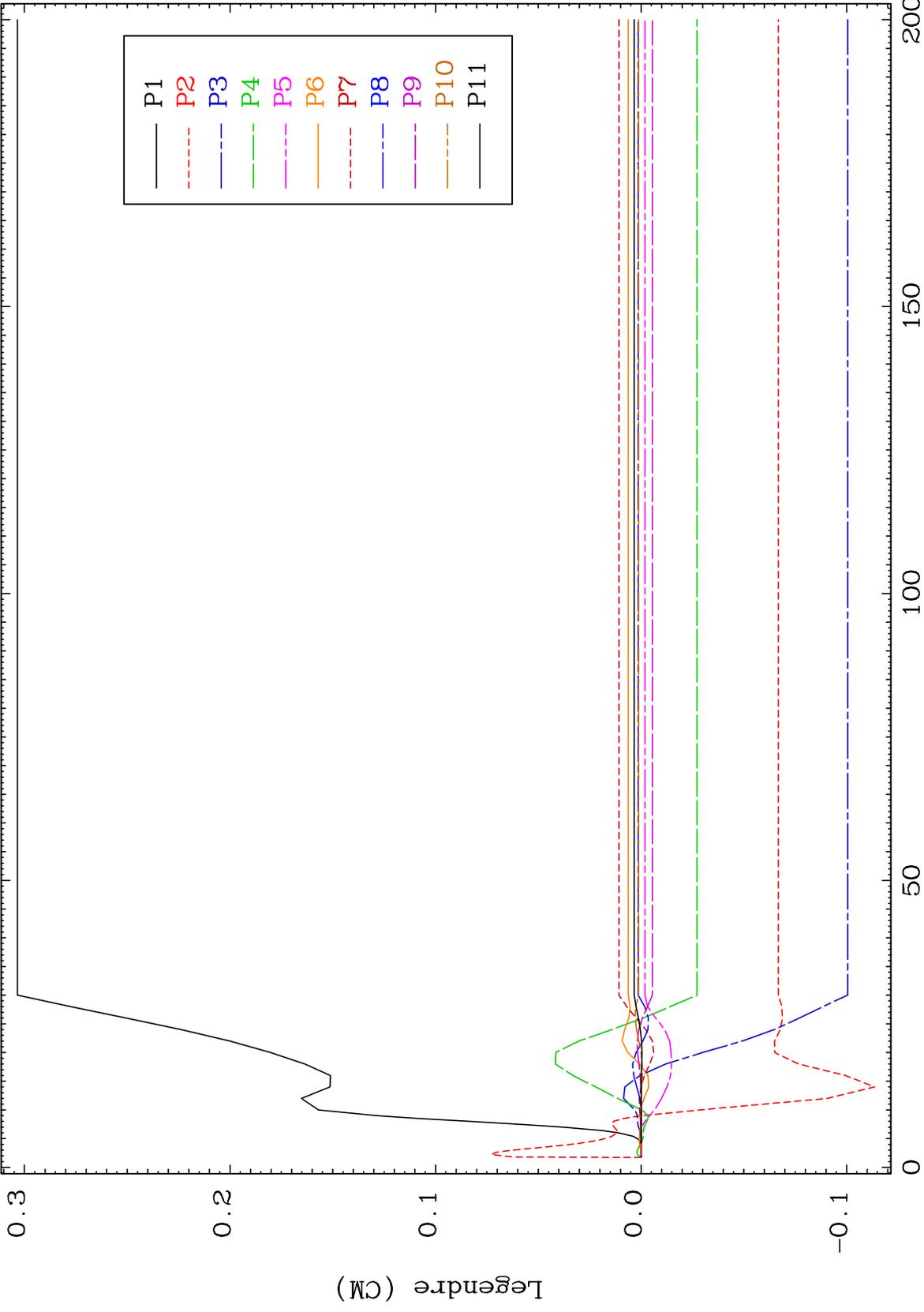
MT= 74 (n,n') Level
Legendre Coefficients

37-Rb-86



98

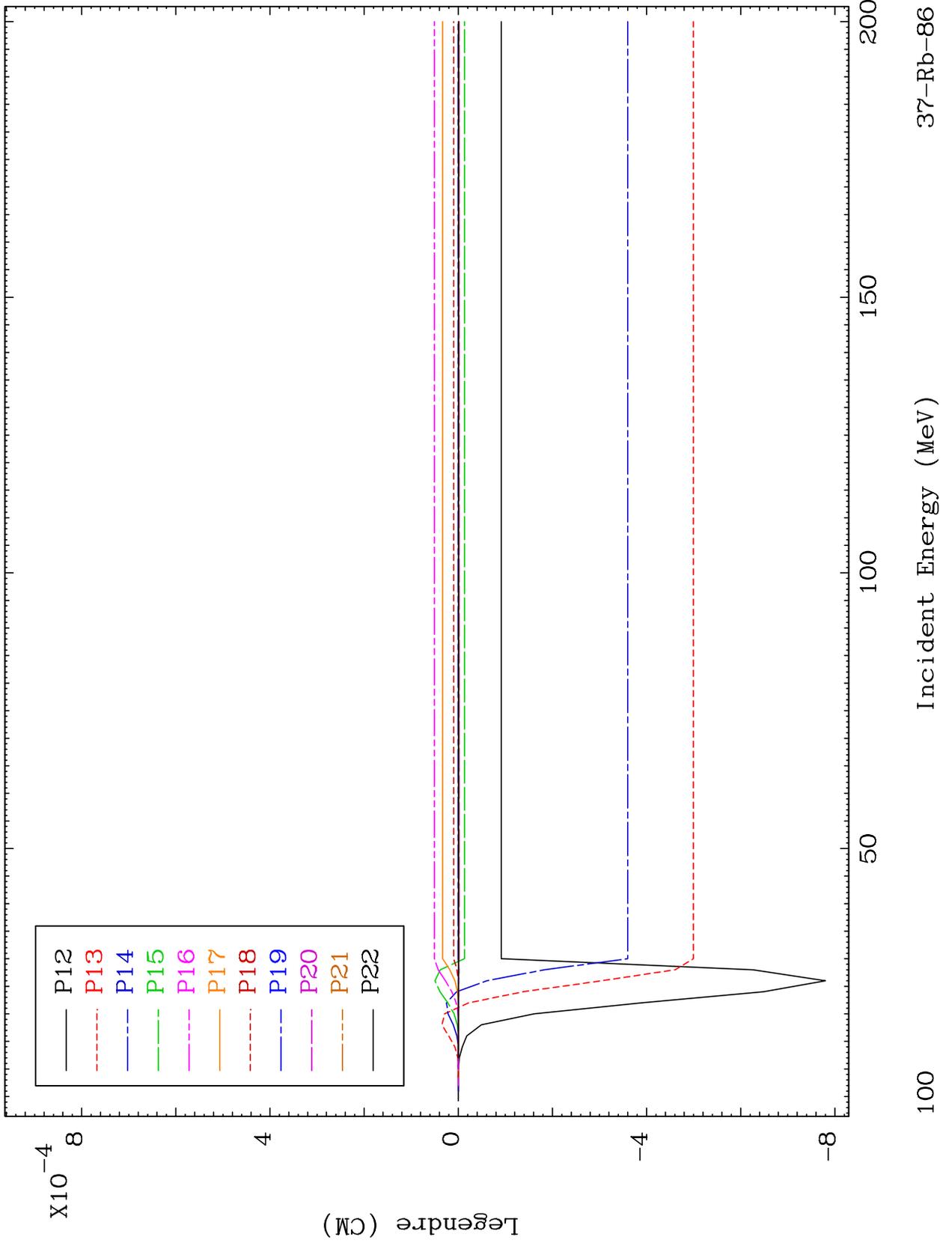
37-Rb-86



MAT 3728

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

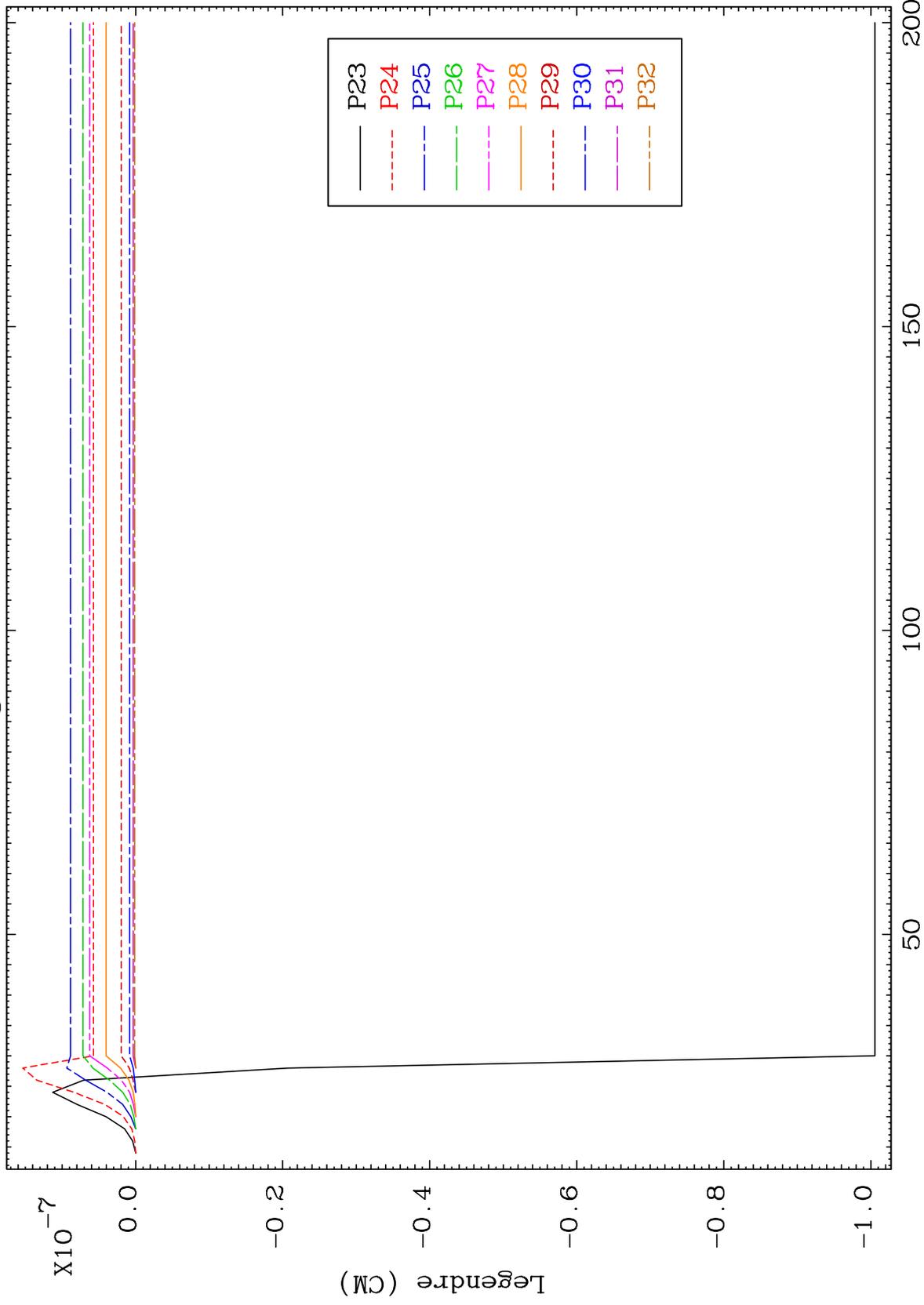
37-Rb-86



MAT 3728

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

37-Rb-86



101

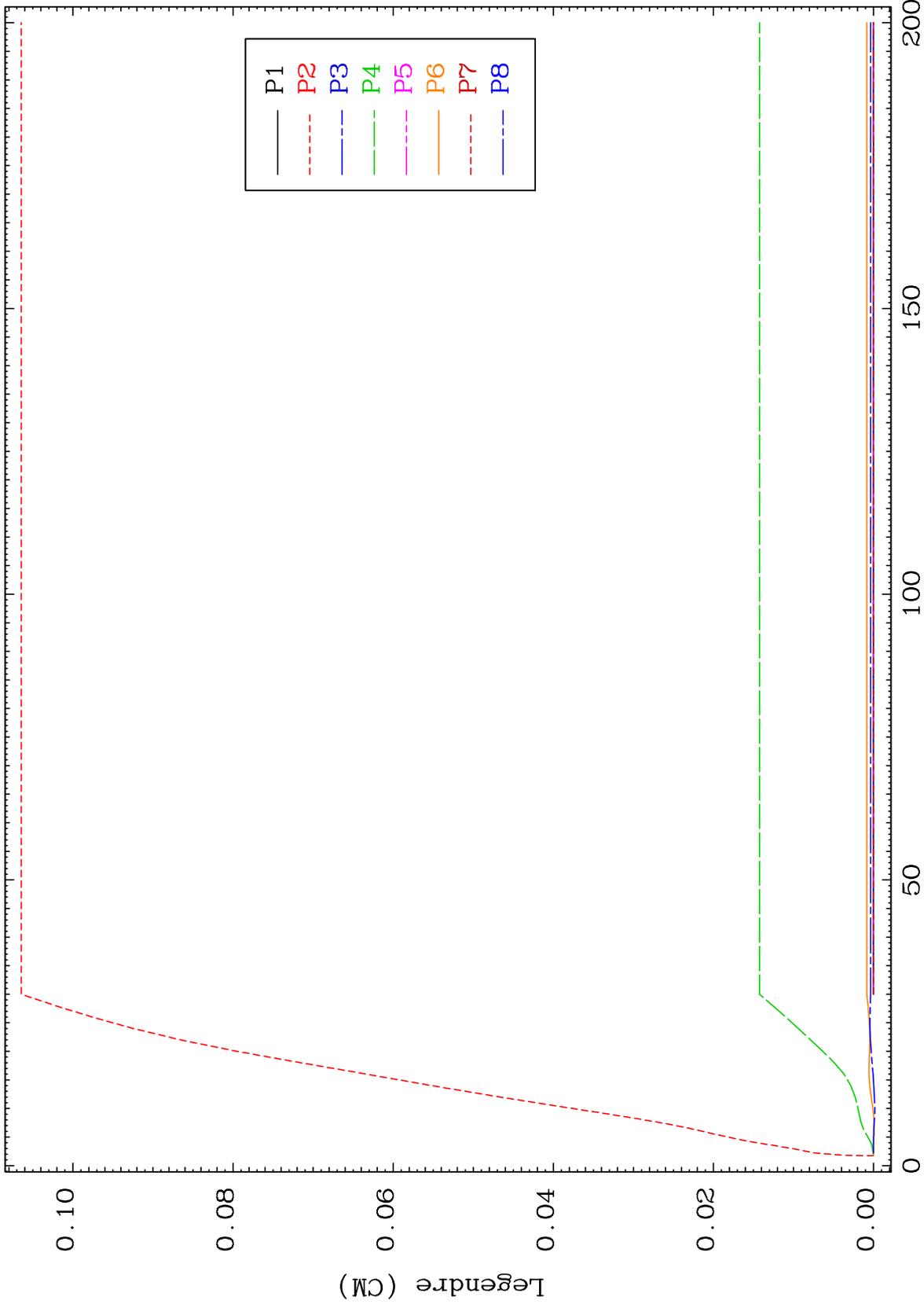
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

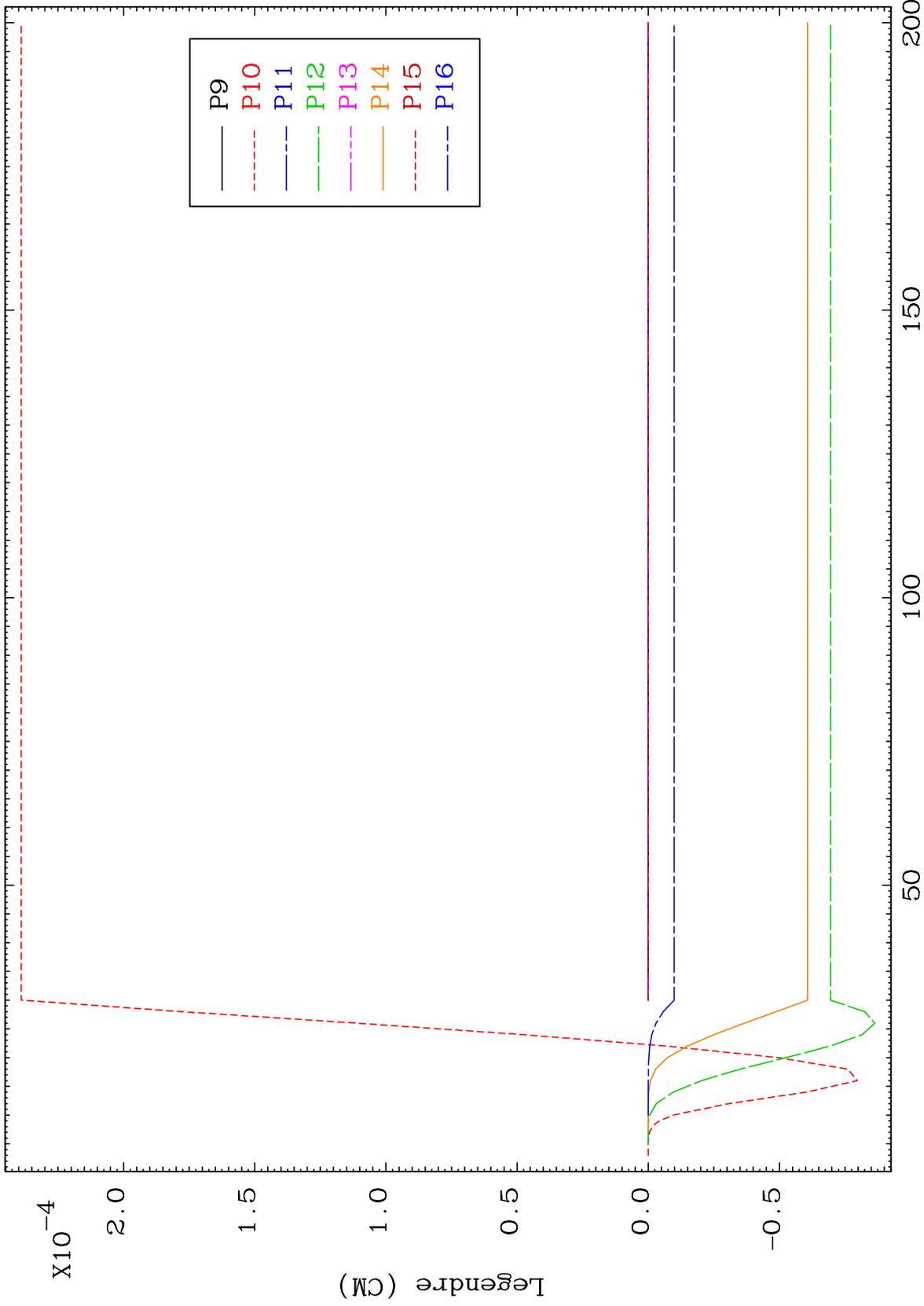
Incident Energy (MeV)

102

MAT 3728

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

37-Rb-86



103

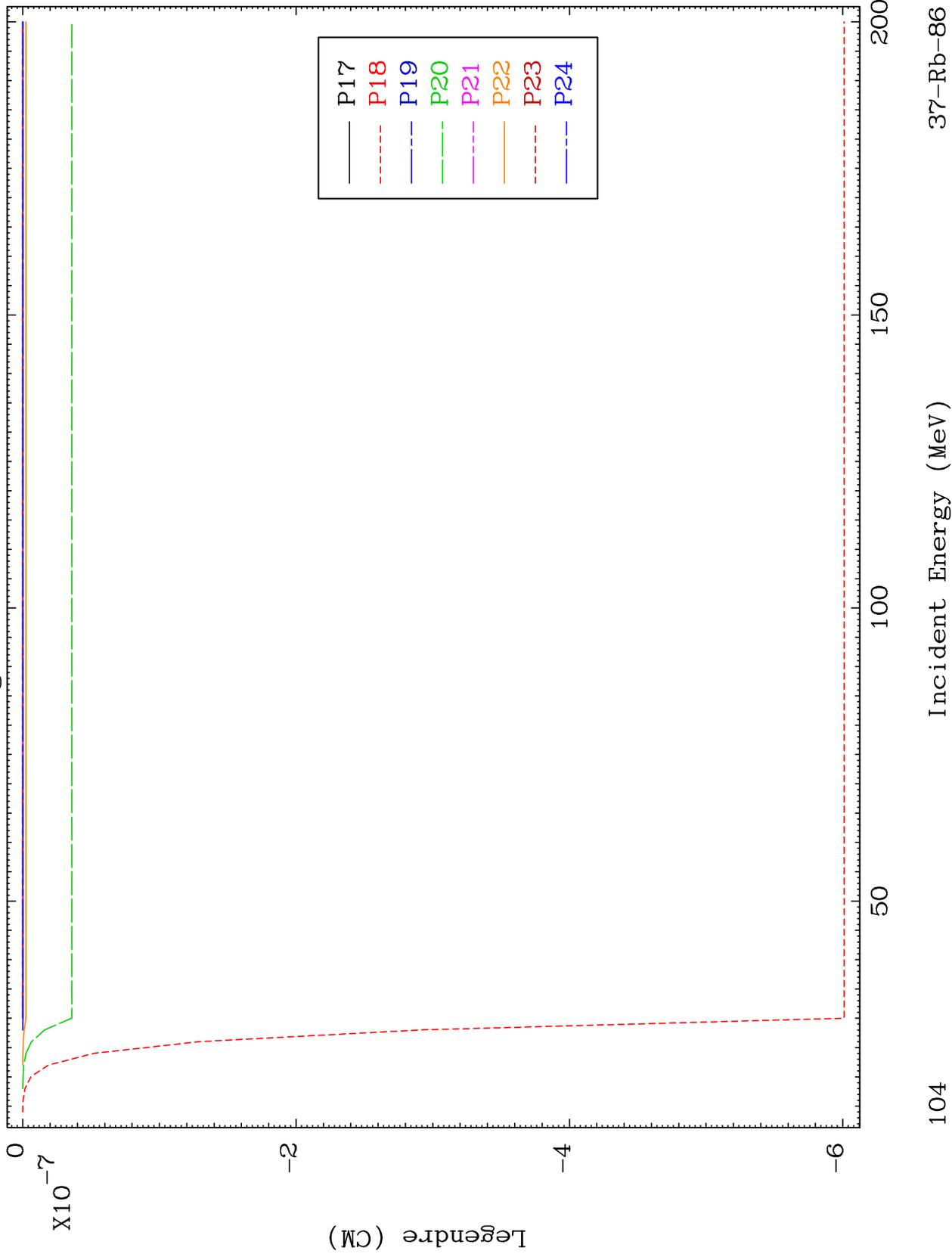
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



104

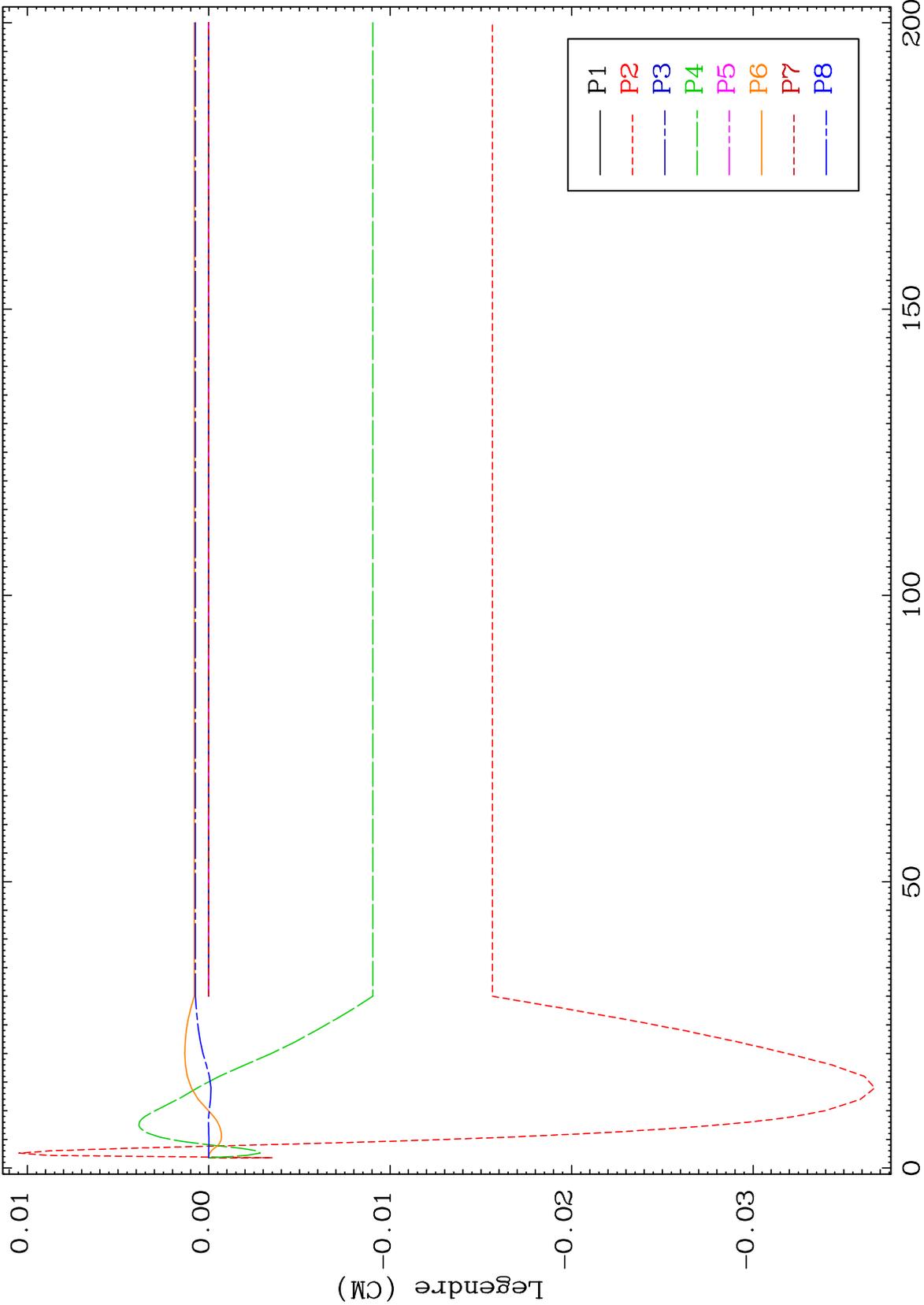
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



105

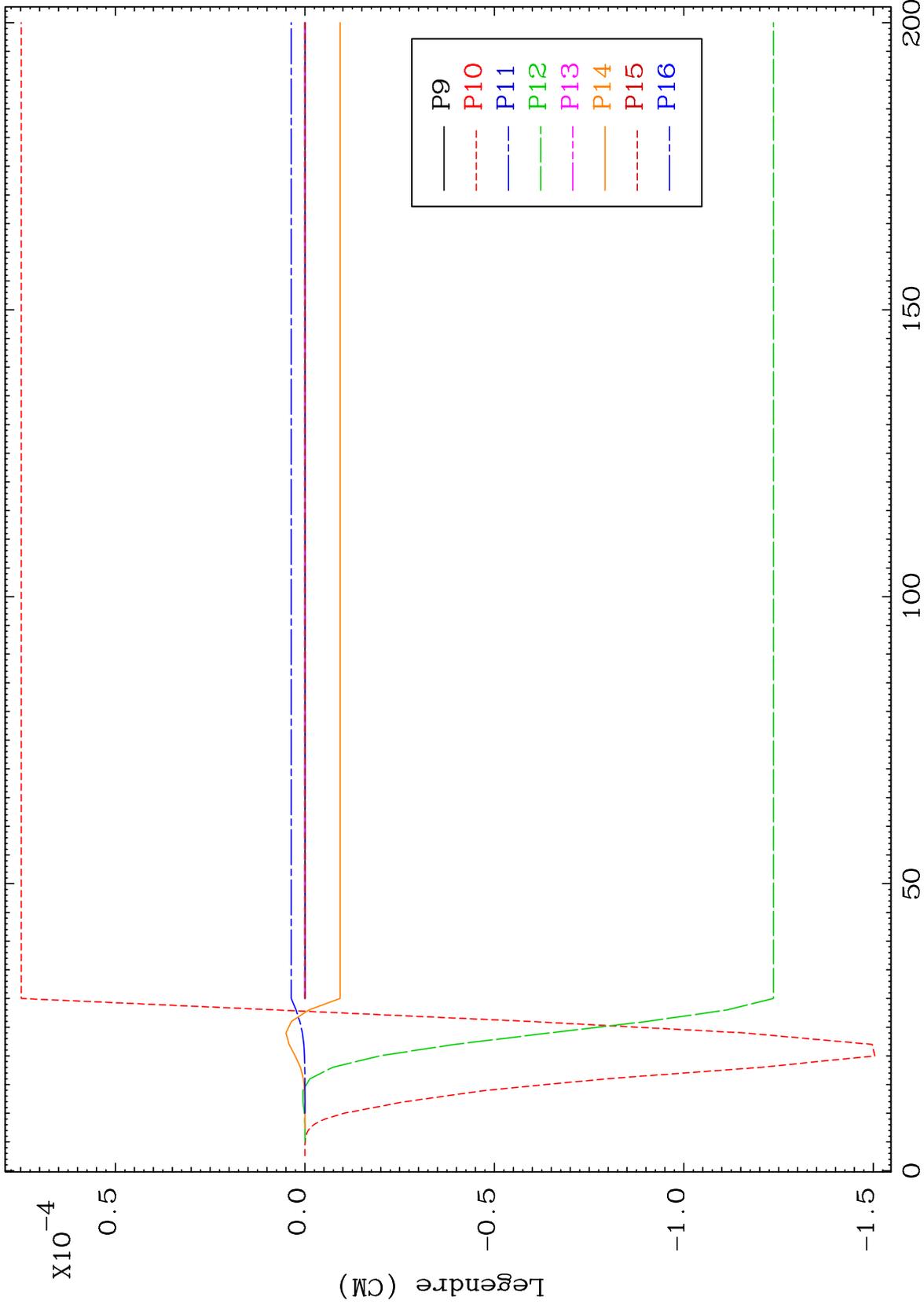
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



106

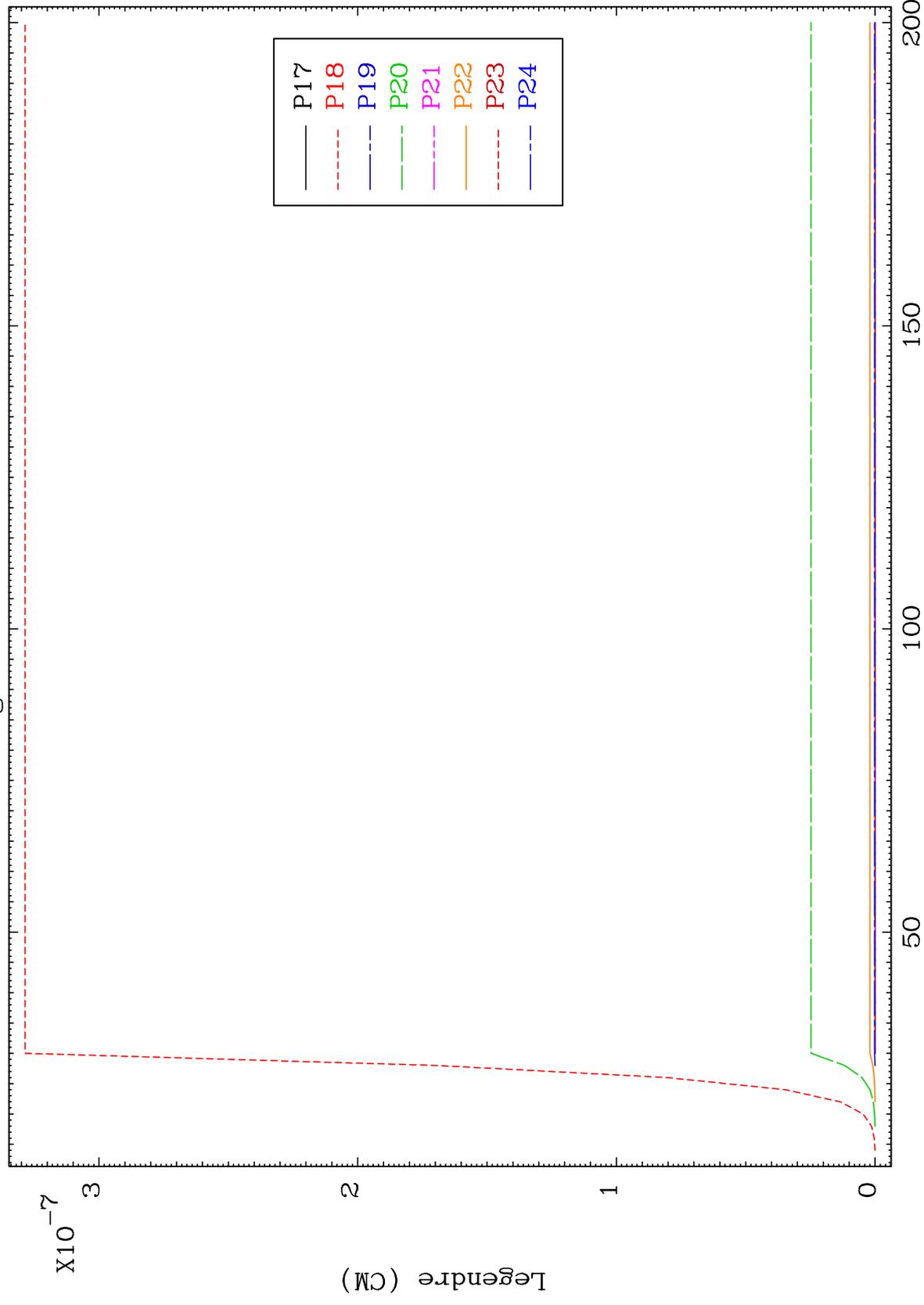
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

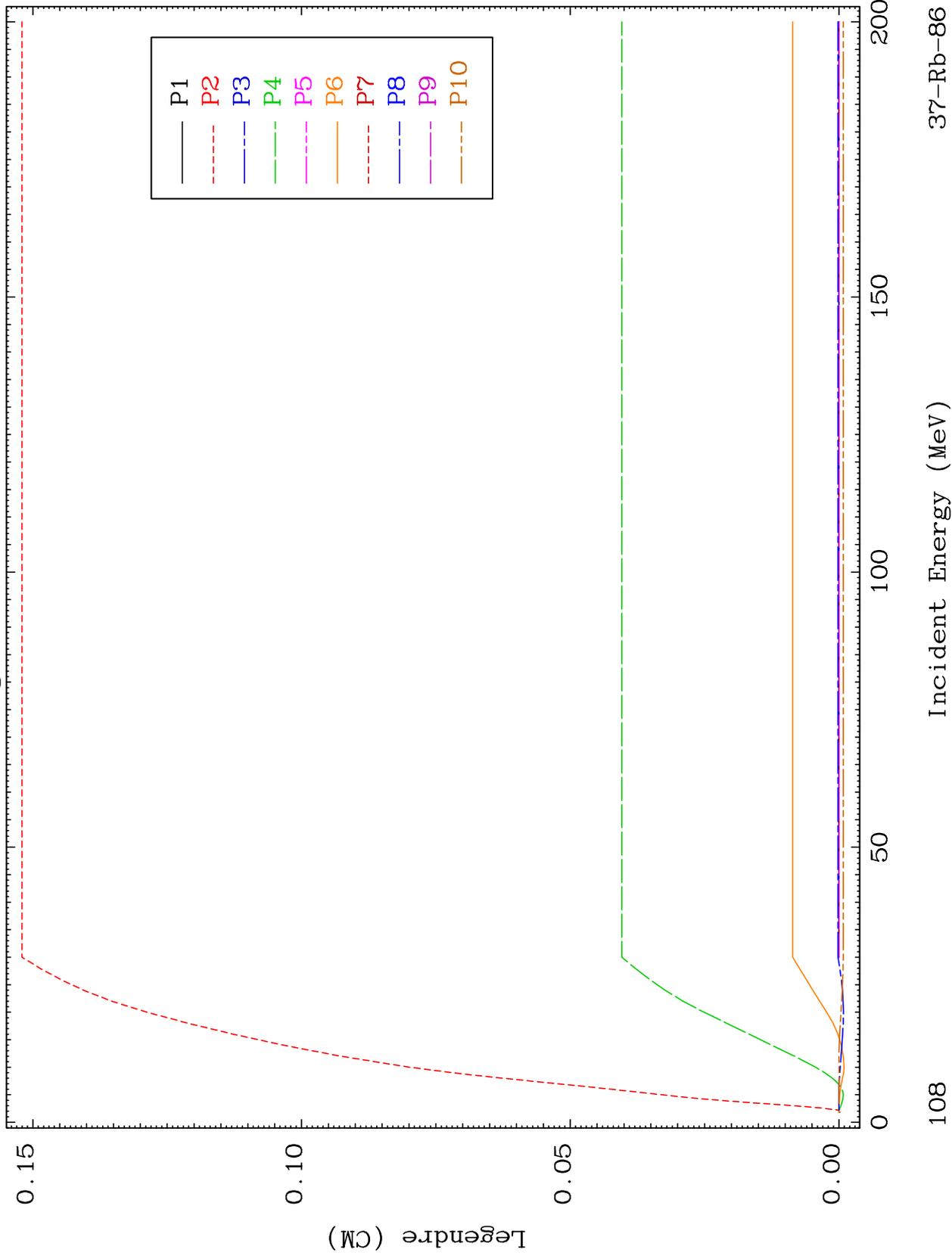
Incident Energy (MeV)

107

MAT 3728

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

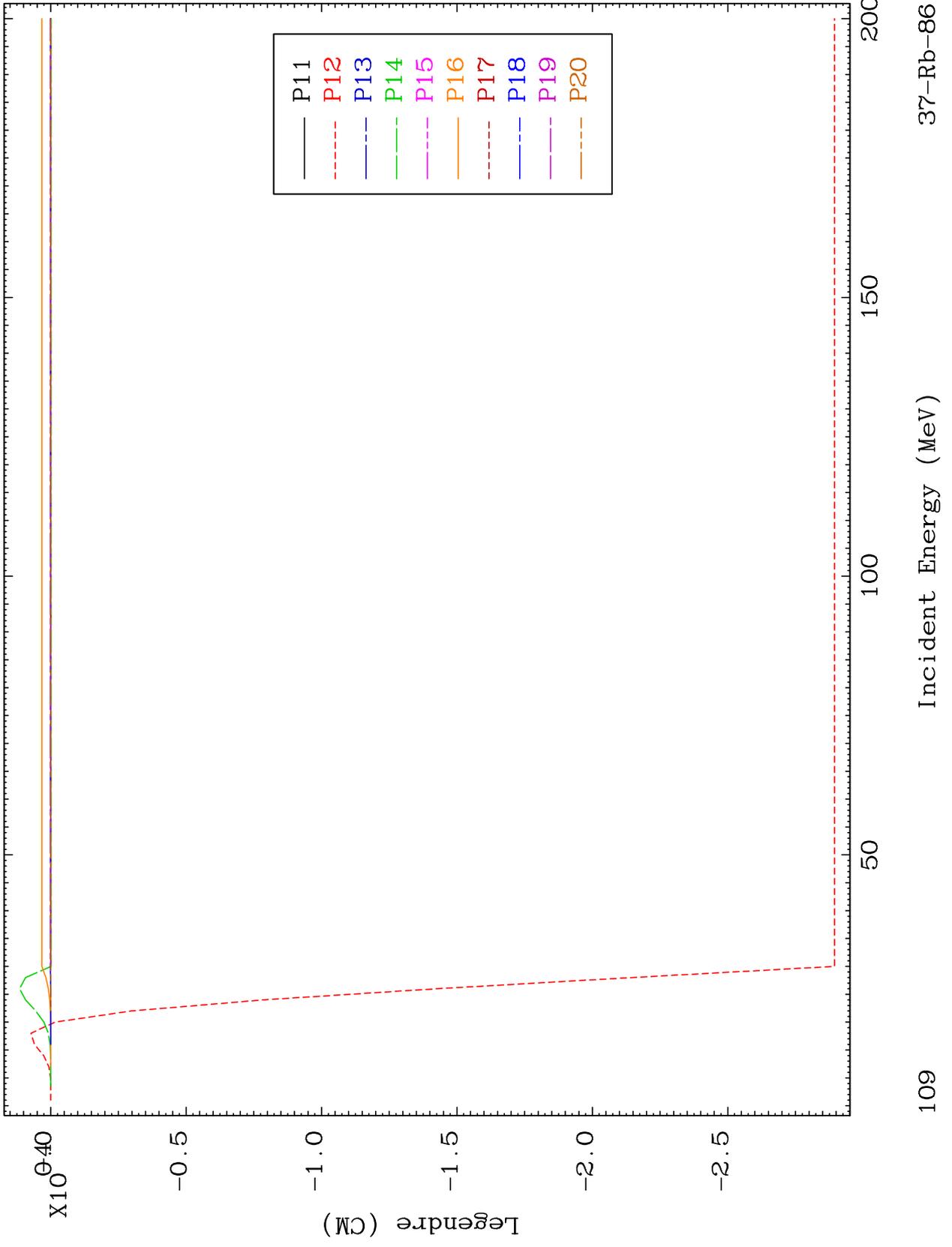
37-Rb-86



MAT 3728

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

37-Rb-86



109

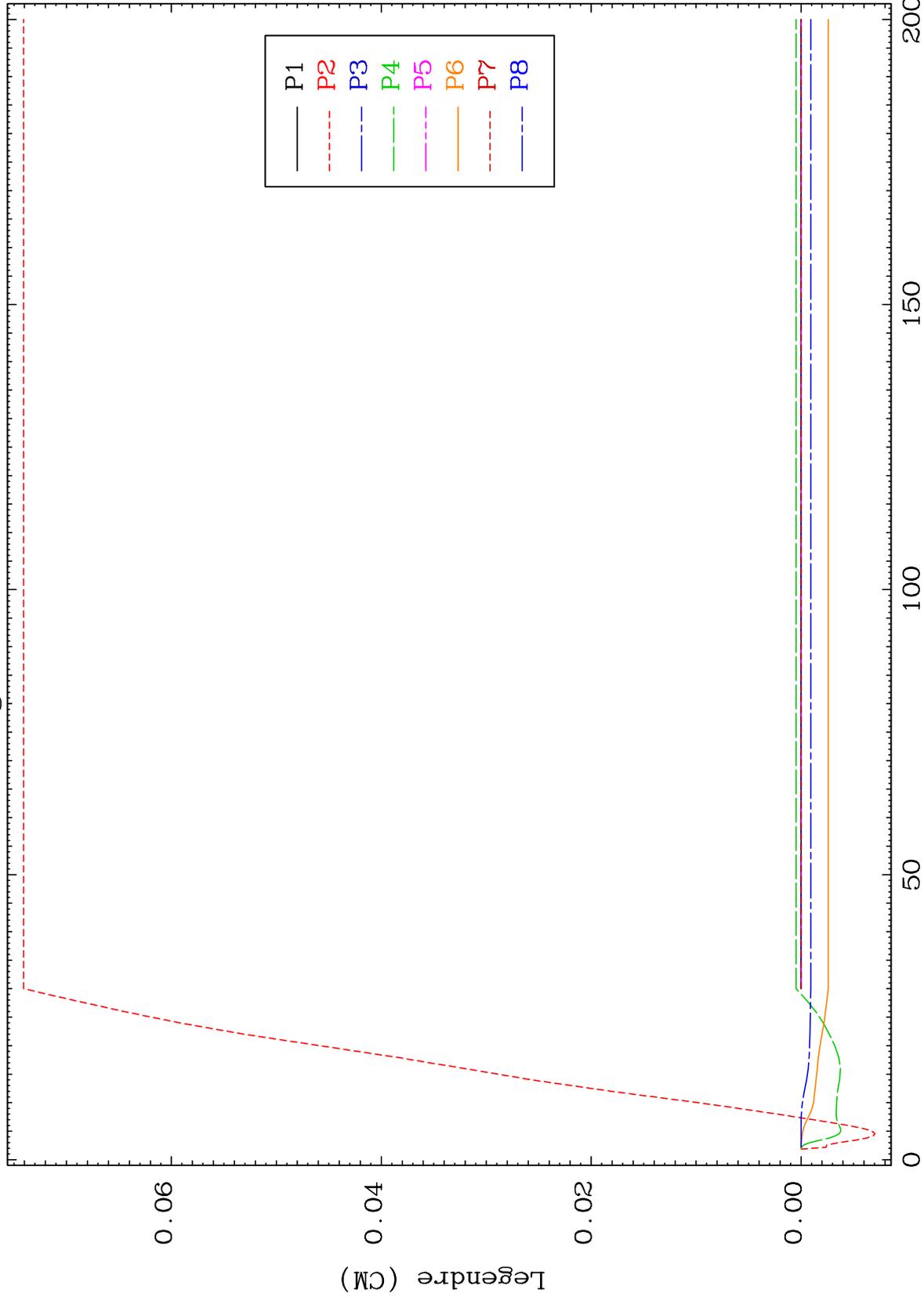
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



37-Rb-86

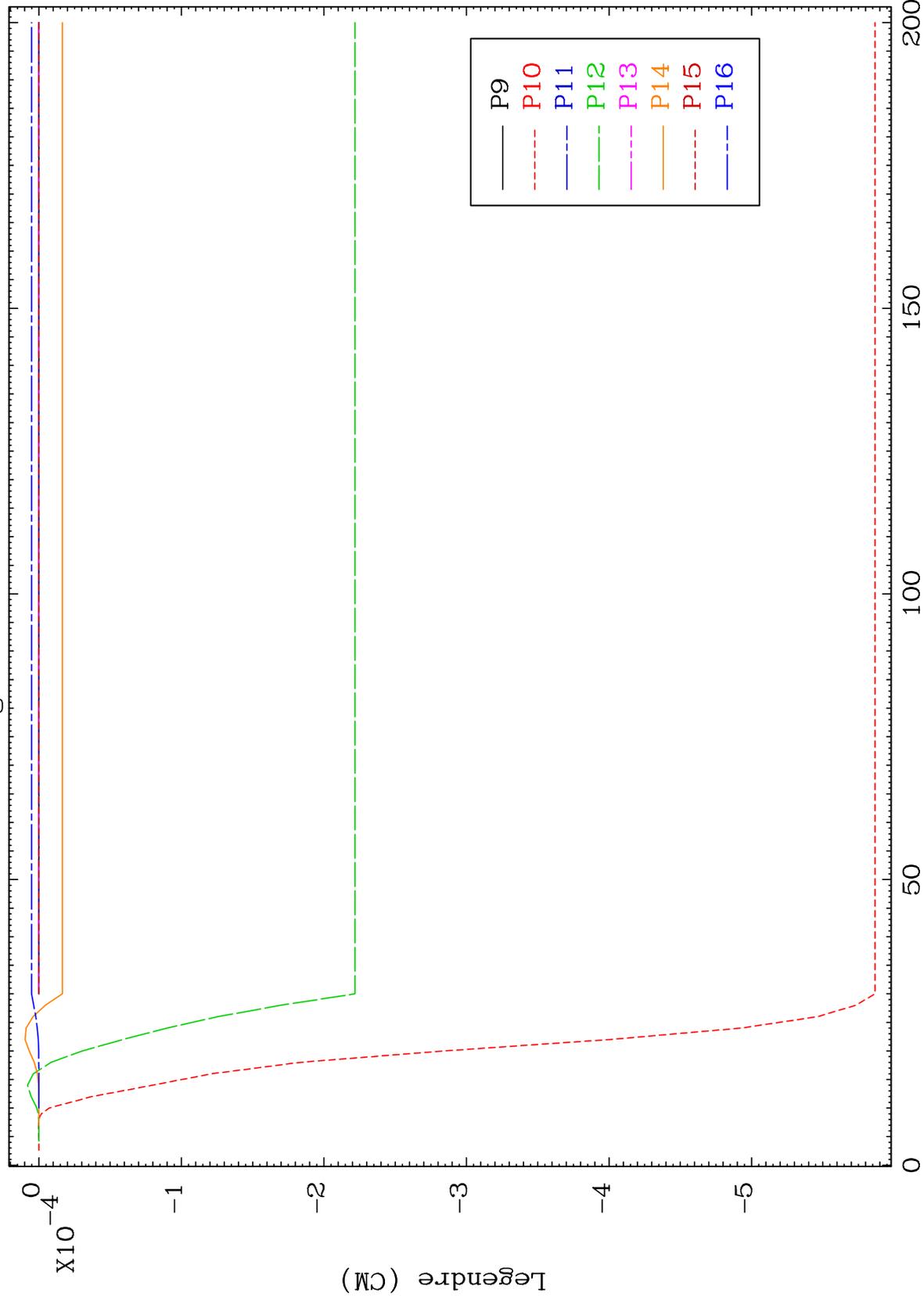
Incident Energy (MeV)

110

MAT 3728

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

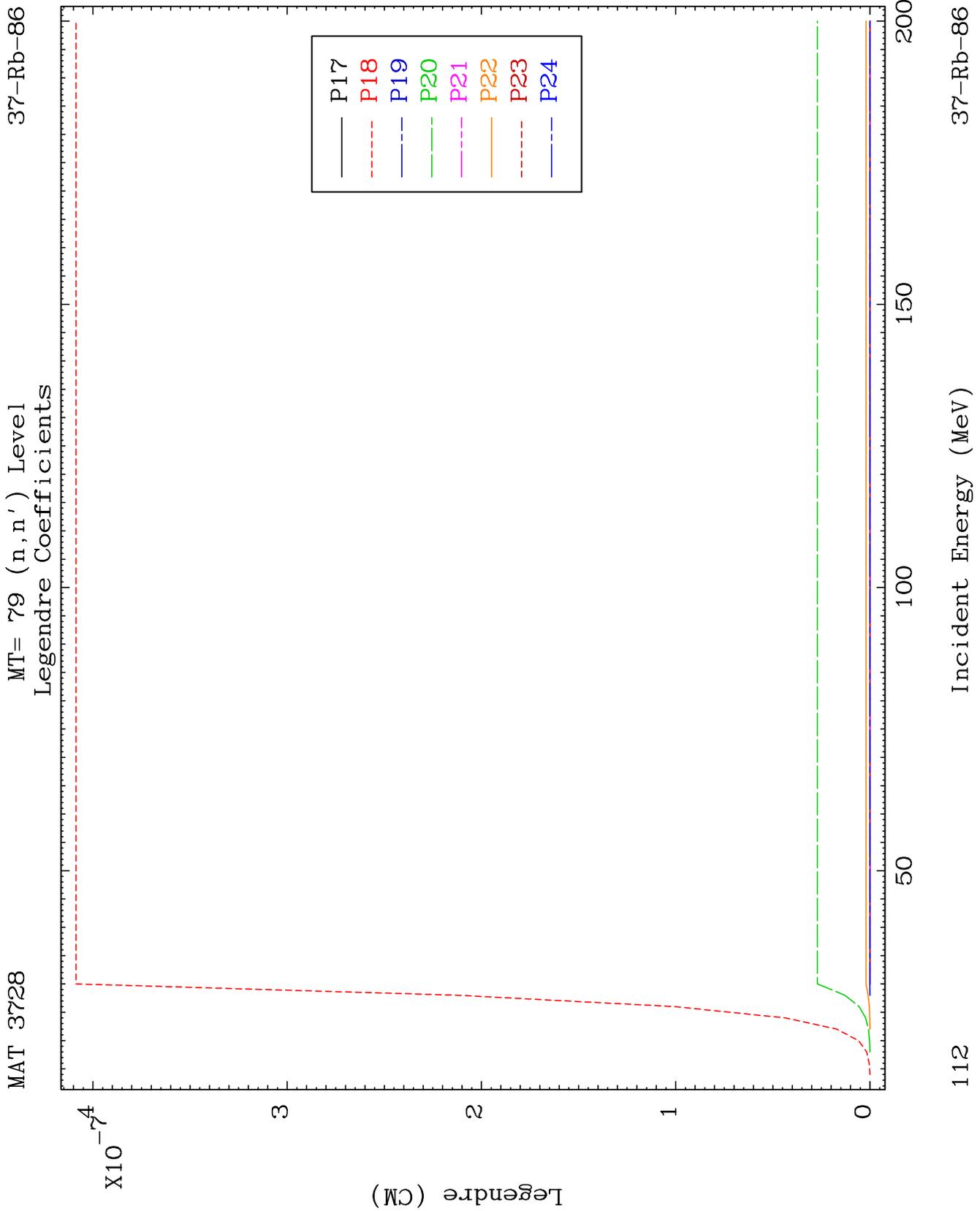
37-Rb-86



111

Incident Energy (MeV)

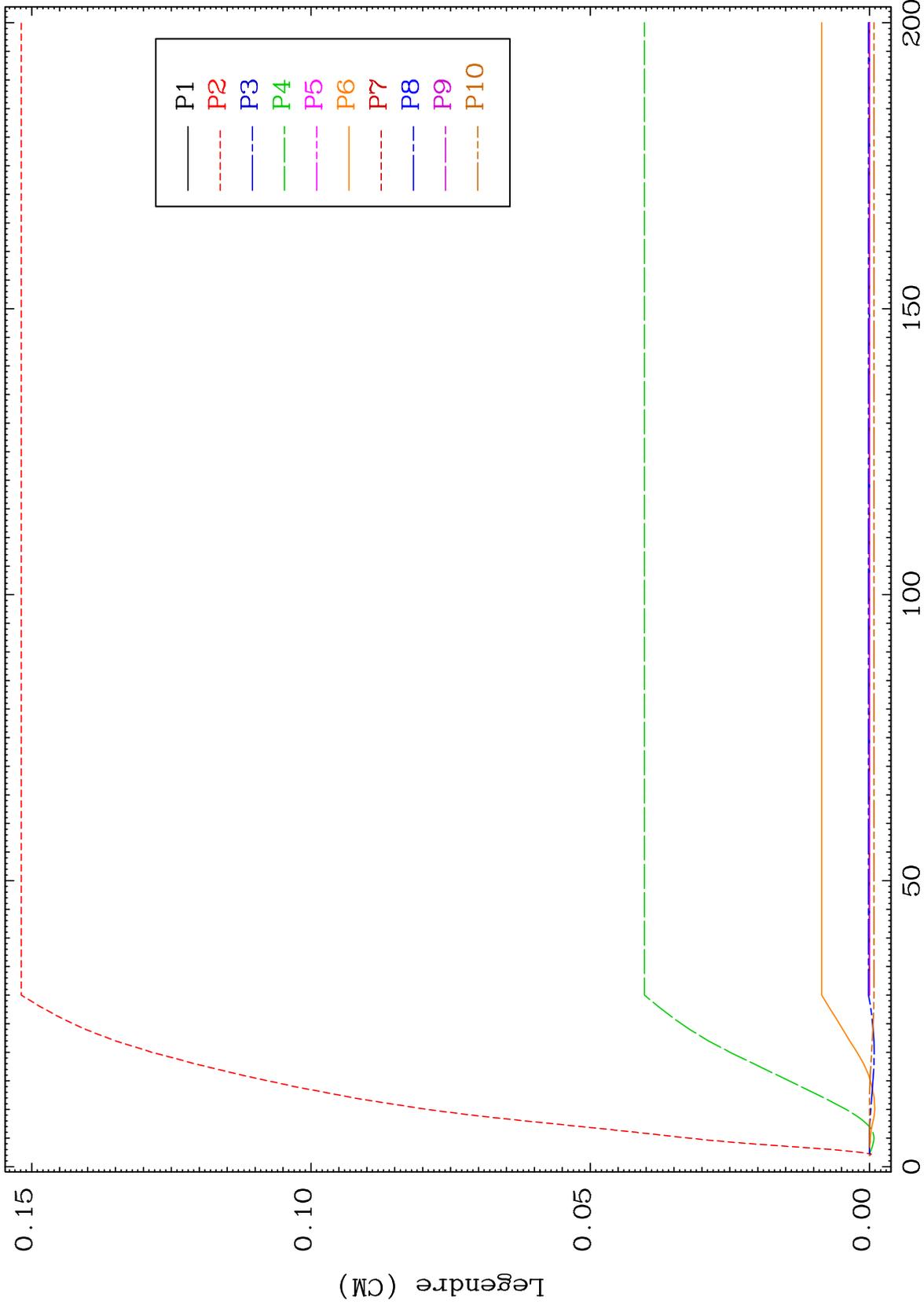
37-Rb-86



MAT 3728

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

37-Rb-86



113

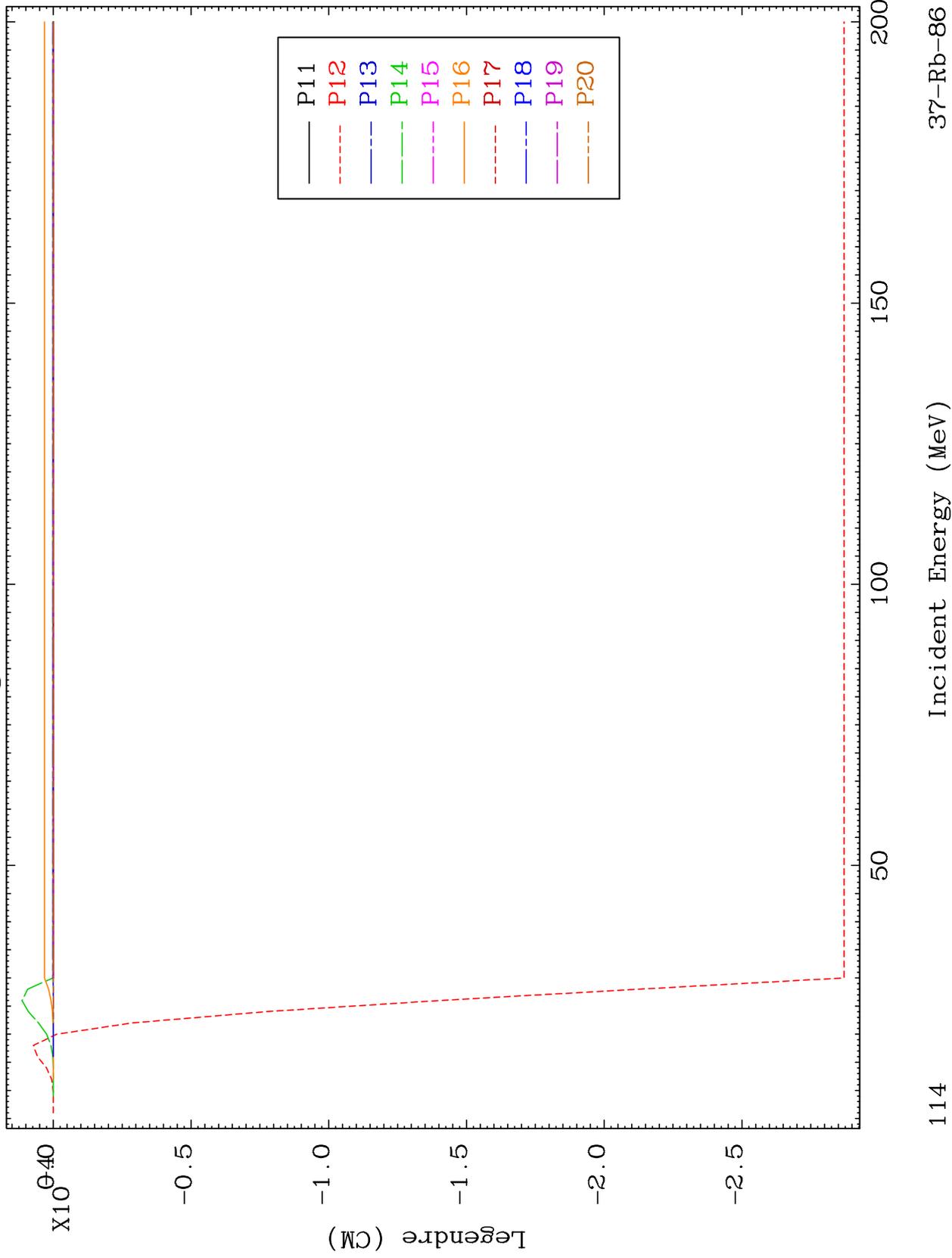
Incident Energy (MeV)

37-Rb-86

MAT 3728

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

37-Rb-86



114

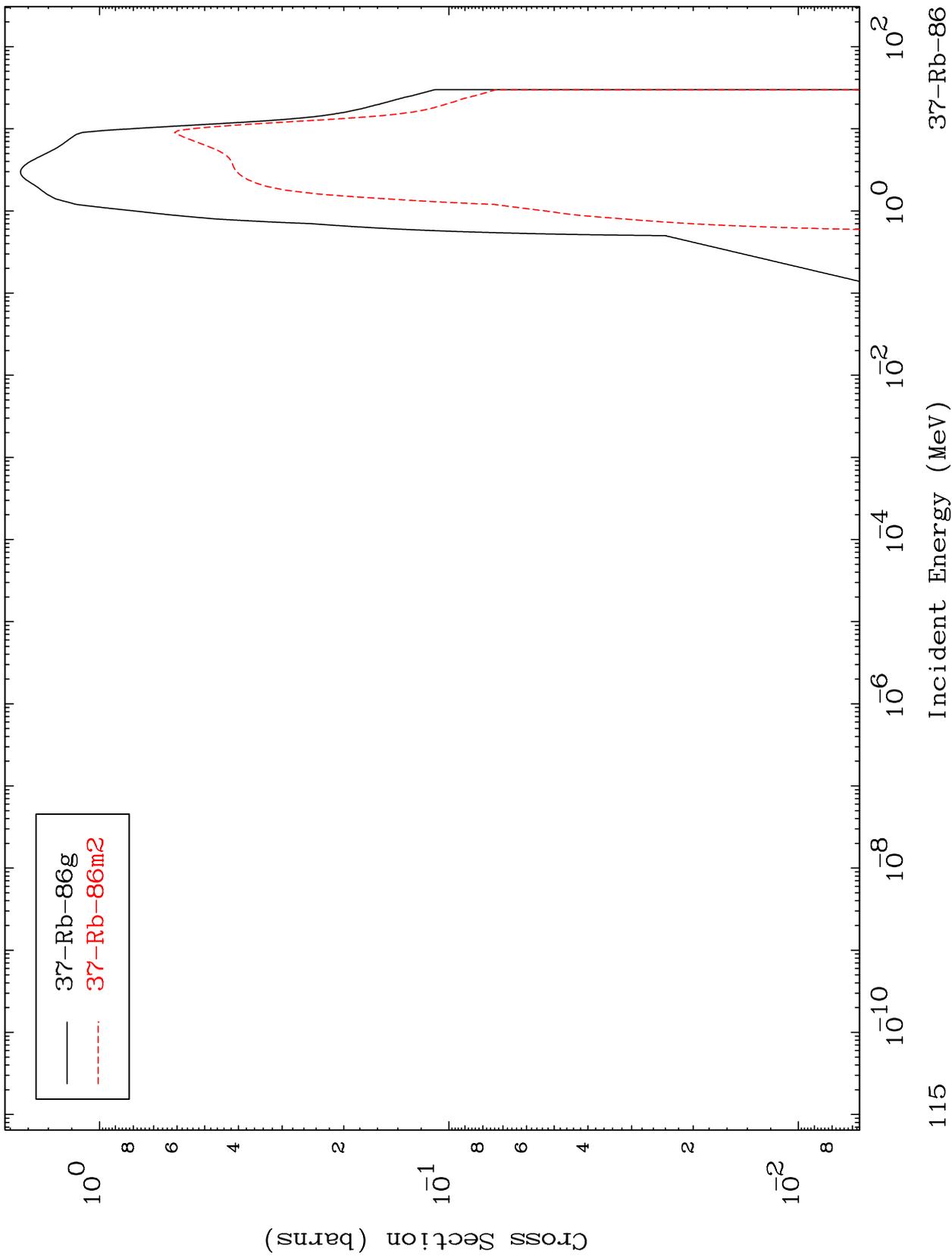
Incident Energy (MeV)

37-Rb-86

MAT 3728

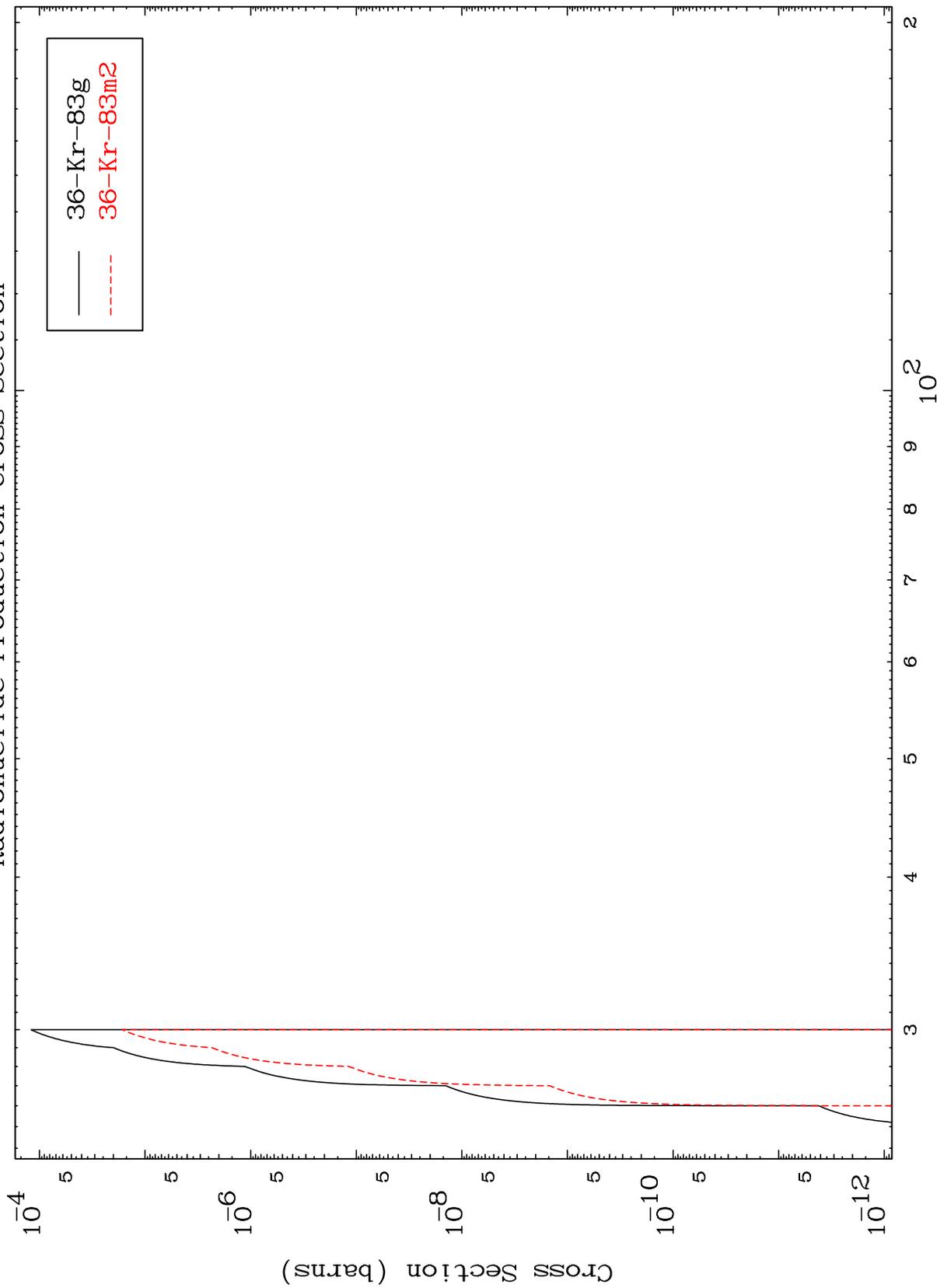
³⁷Rb-86

Inelastic
Radionuclide Production Cross Section



— ³⁷Rb-86g
- - - ³⁷Rb-86m2

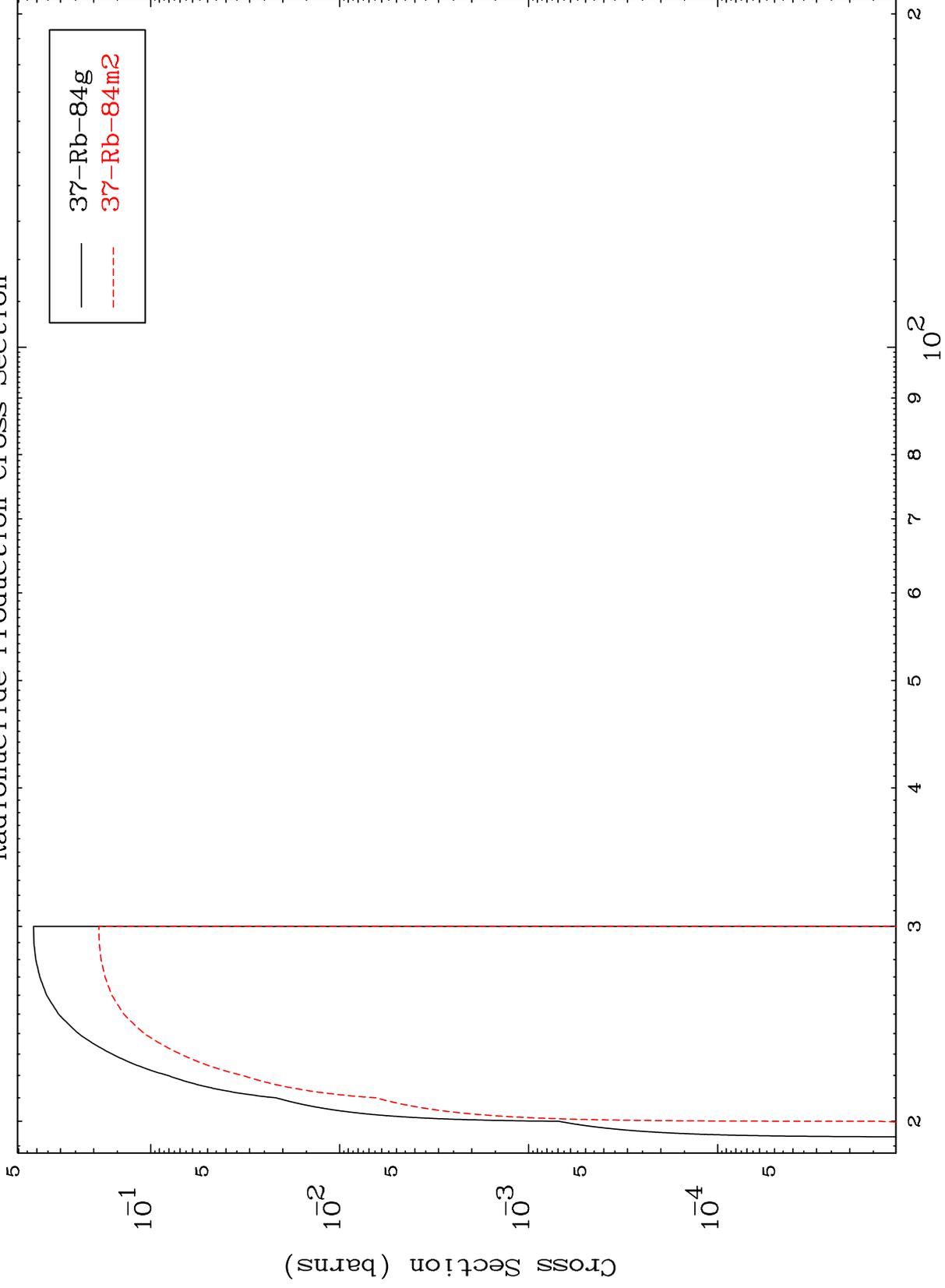
Radionuclide Production Cross Section



MAT 3728

³⁷Rb-86

(n,3n)
Radionuclide Production Cross Section



³⁷Rb-86

Incident Energy (MeV)

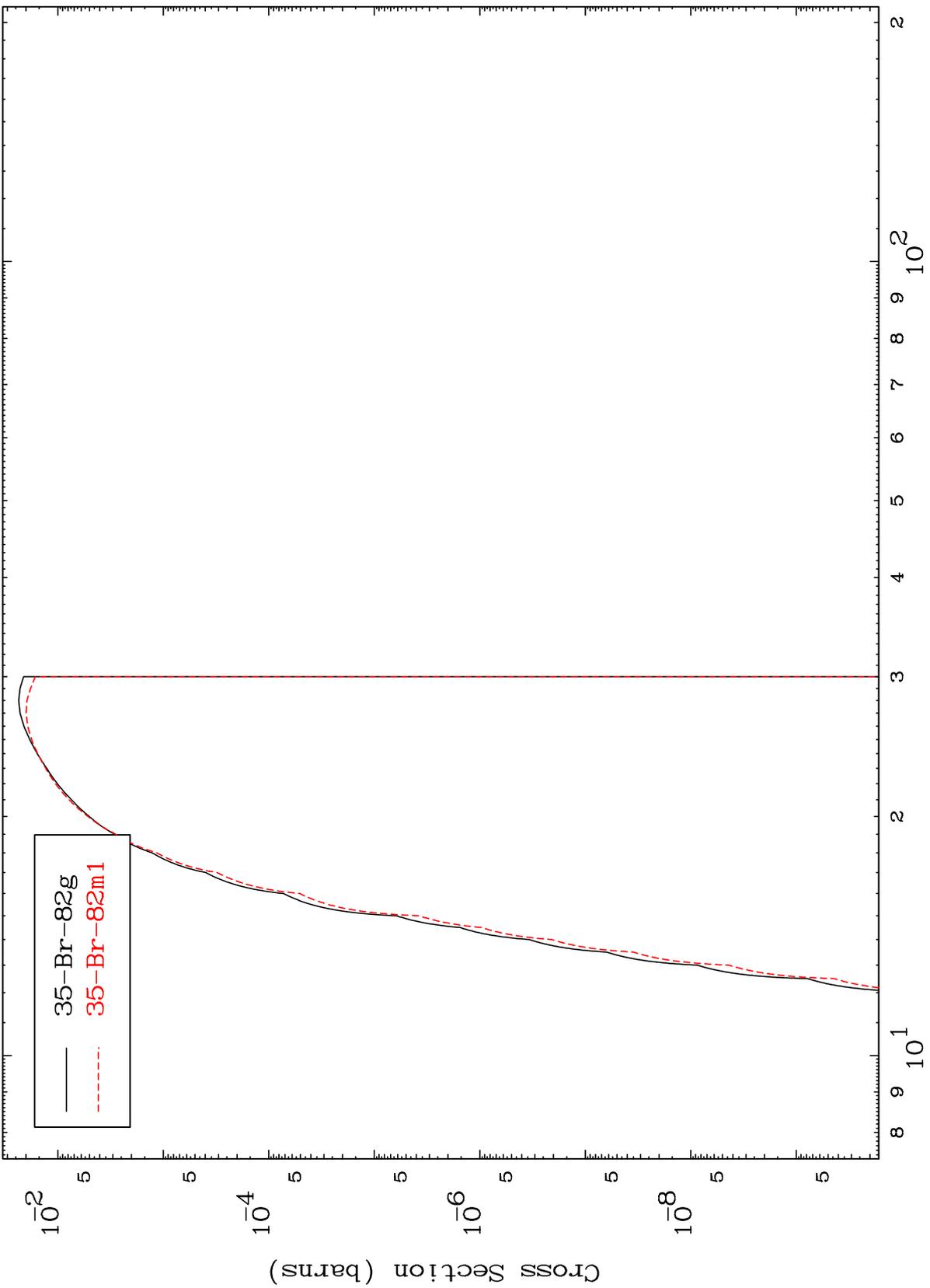
117

MAT 3728

$(n, n') \alpha$

37-Rb-86

Radionuclide Production Cross Section



35-Br-82g
35-Br-82m1

118

Incident Energy (MeV)

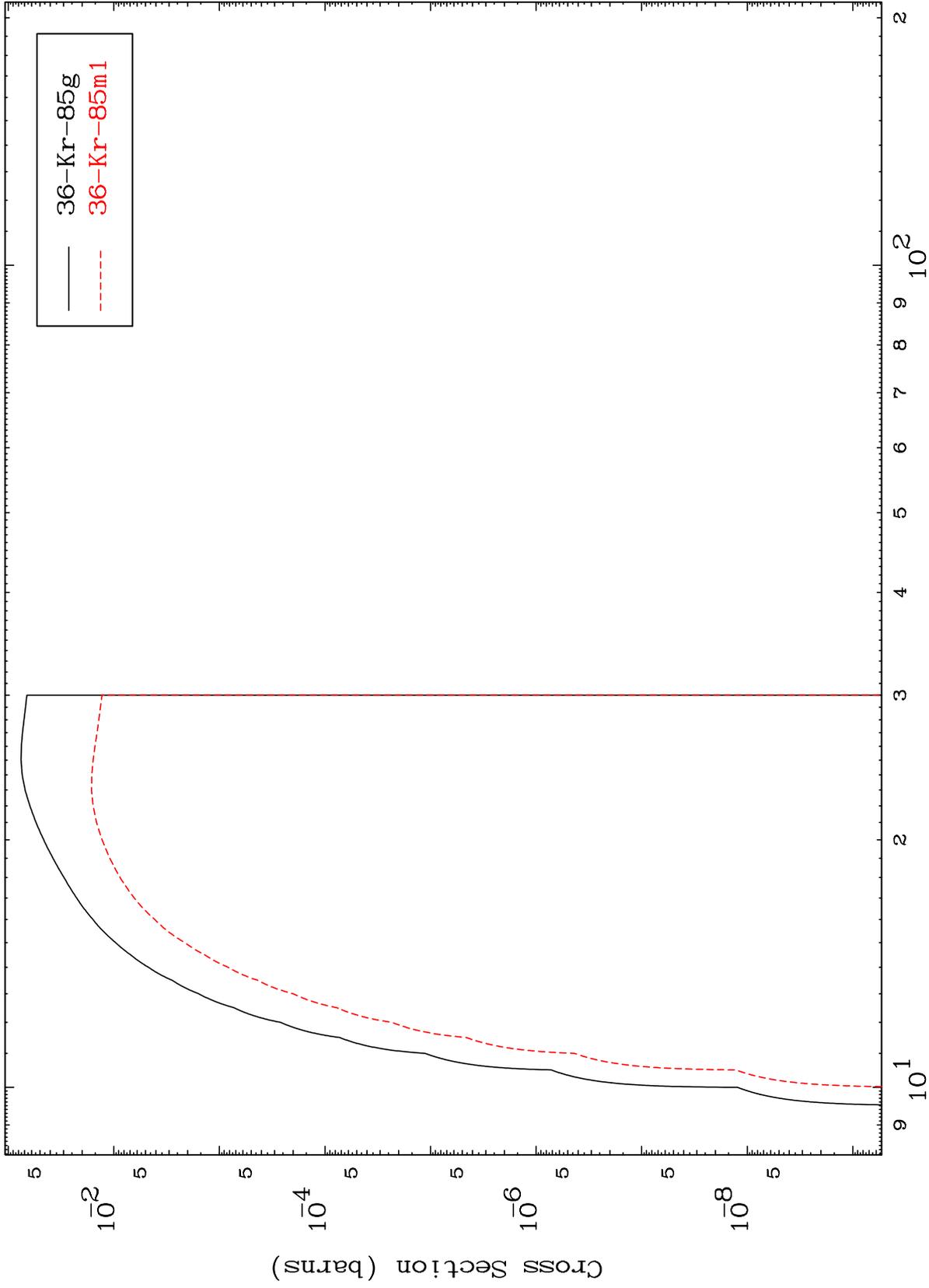
37-Rb-86

MAT 3728

(n,n') p

37-Rb-86

Radionuclide Production Cross Section



119

Incident Energy (MeV)

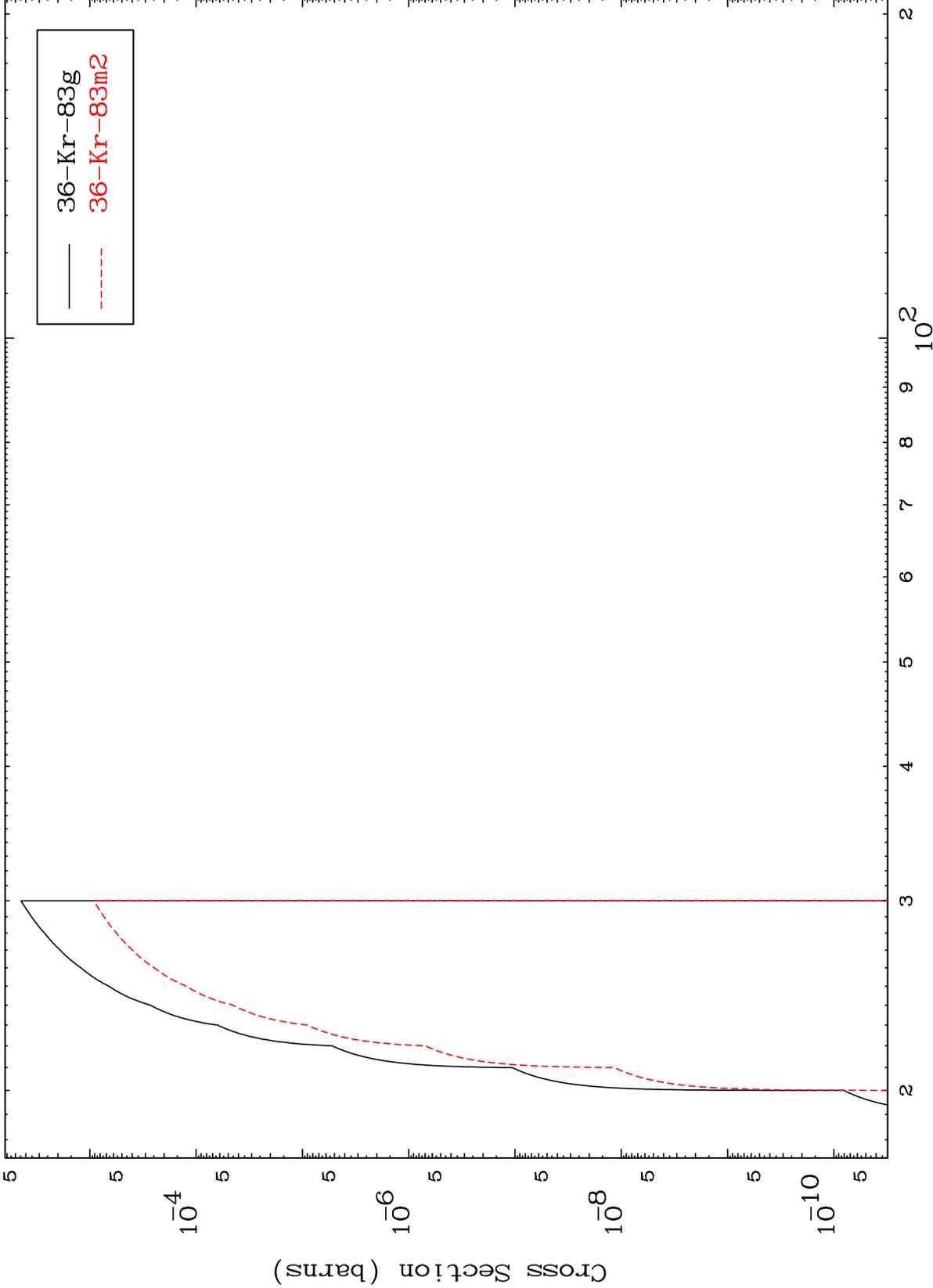
37-Rb-86

MAT 3728

(n,n') t

37-Rb-86

Radionuclide Production Cross Section



120

Incident Energy (MeV)

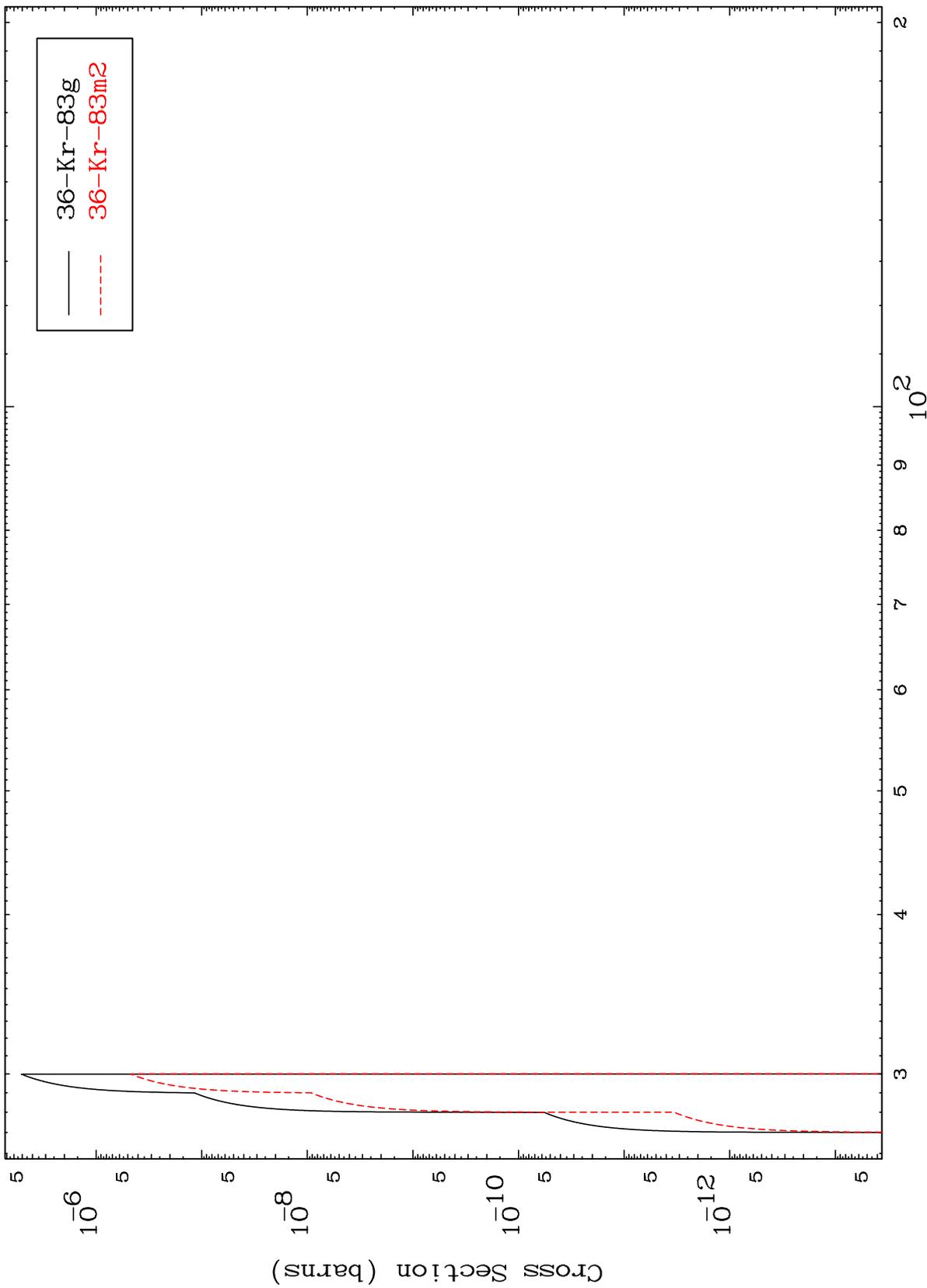
37-Rb-86

MAT 3728

(n,3n) p

37-Rb-86

Radionuclide Production Cross Section



121

Incident Energy (MeV)

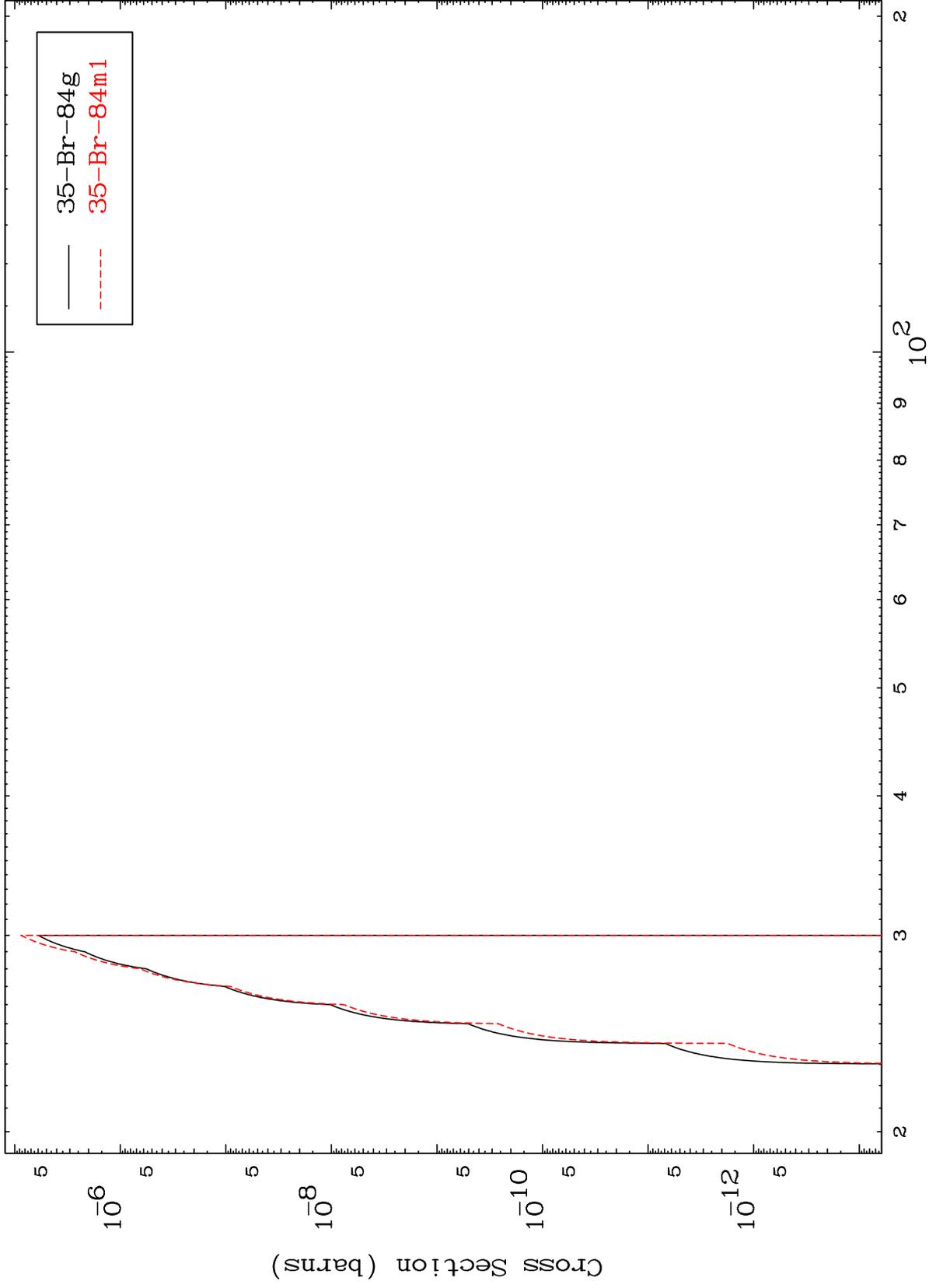
37-Rb-86

MAT 3728

(n,2n) p

37-Rb-86

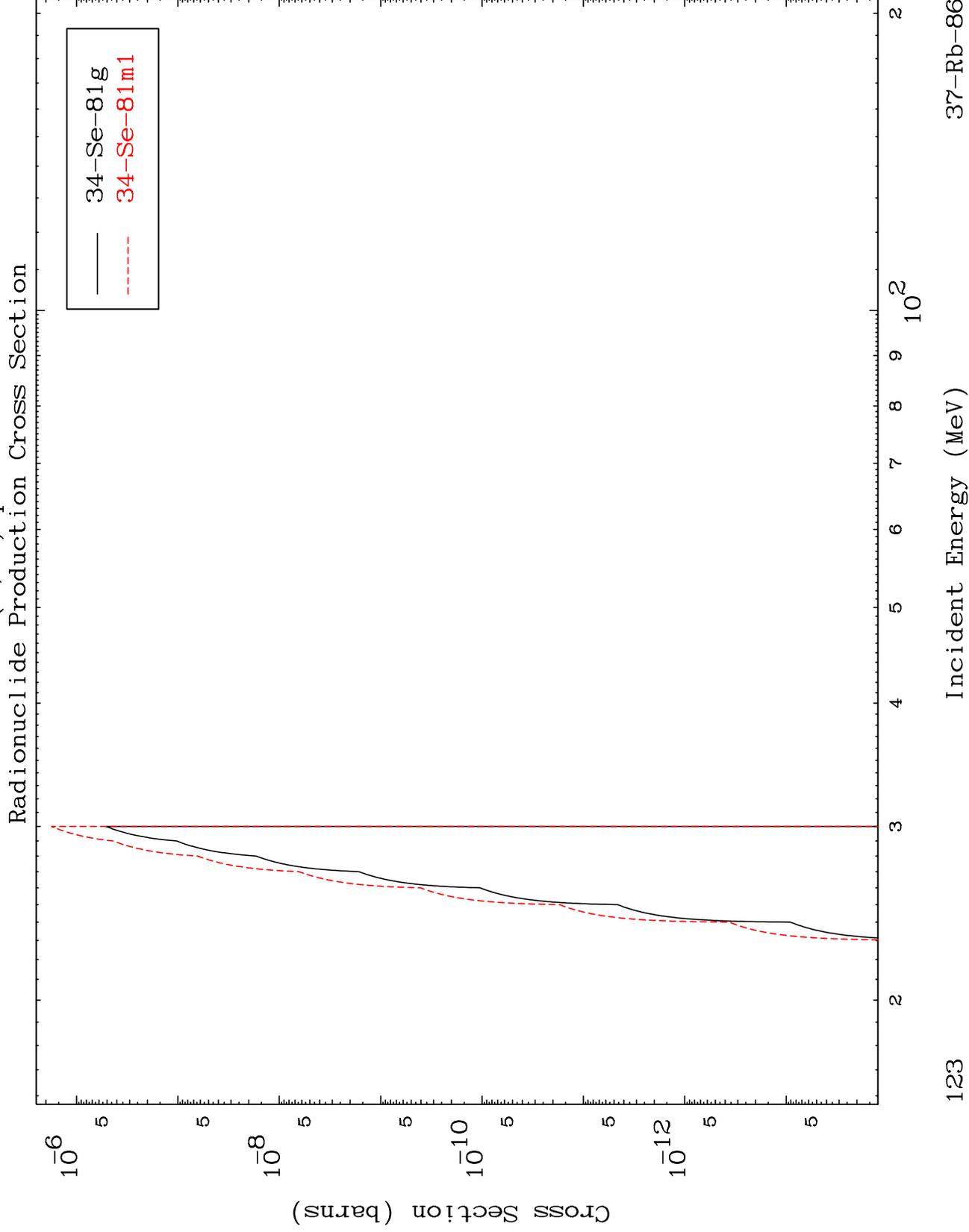
Radionuclide Production Cross Section



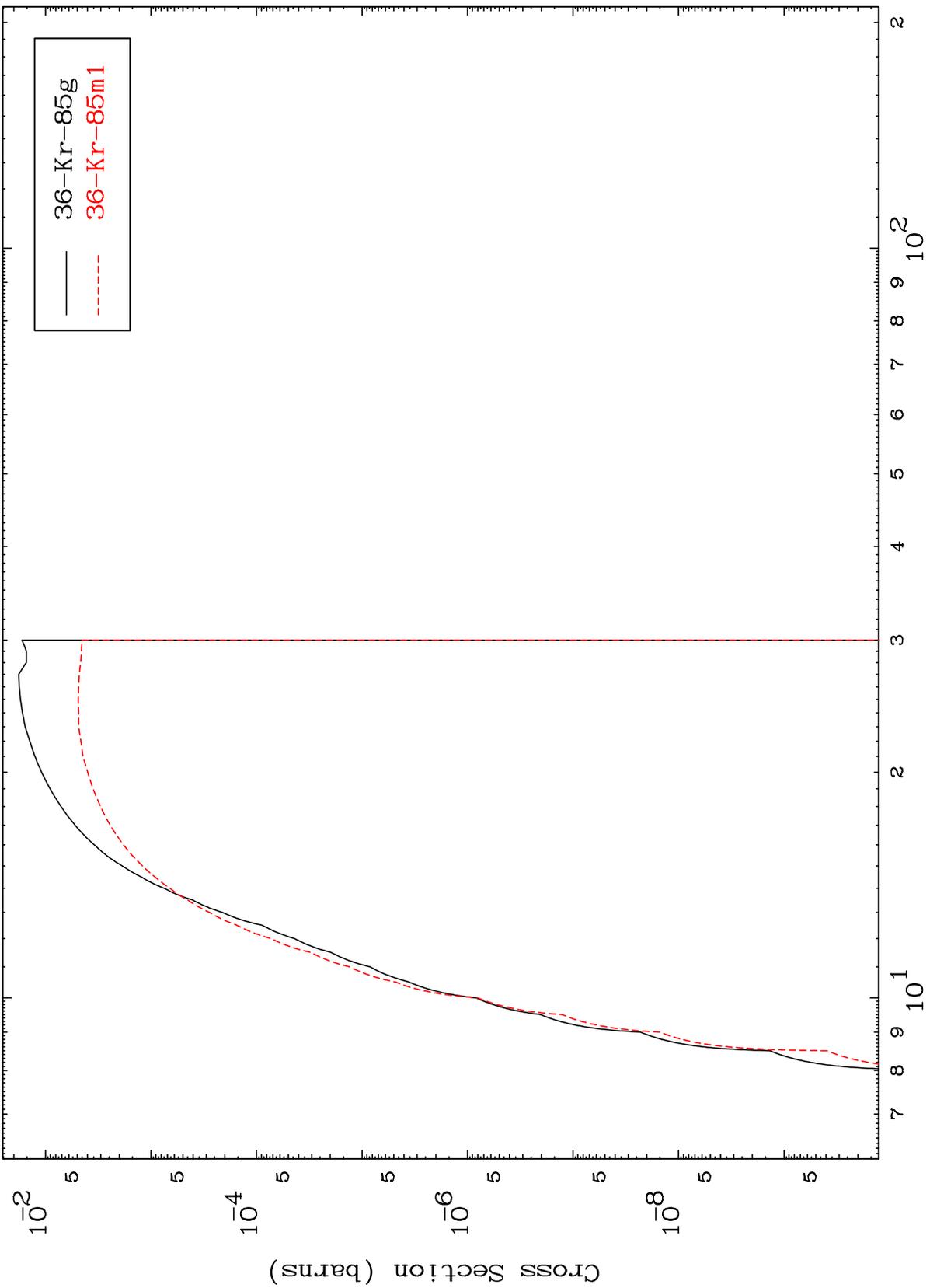
122

Incident Energy (MeV)

37-Rb-86



(n,d)
Radionuclide Production Cross Section

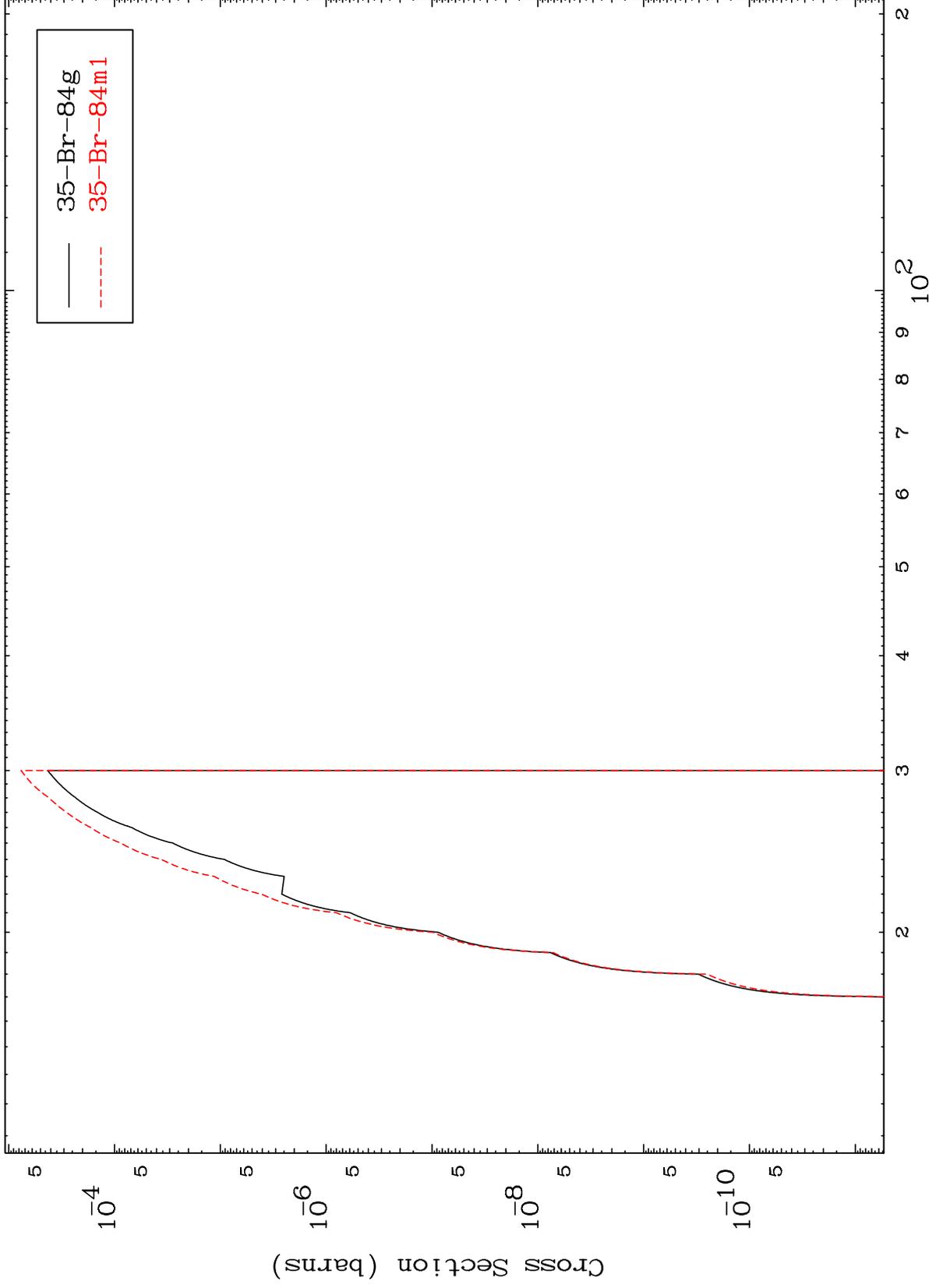


MAT 3728

(n,He-3)

37-Rb-86

Radionuclide Production Cross Section

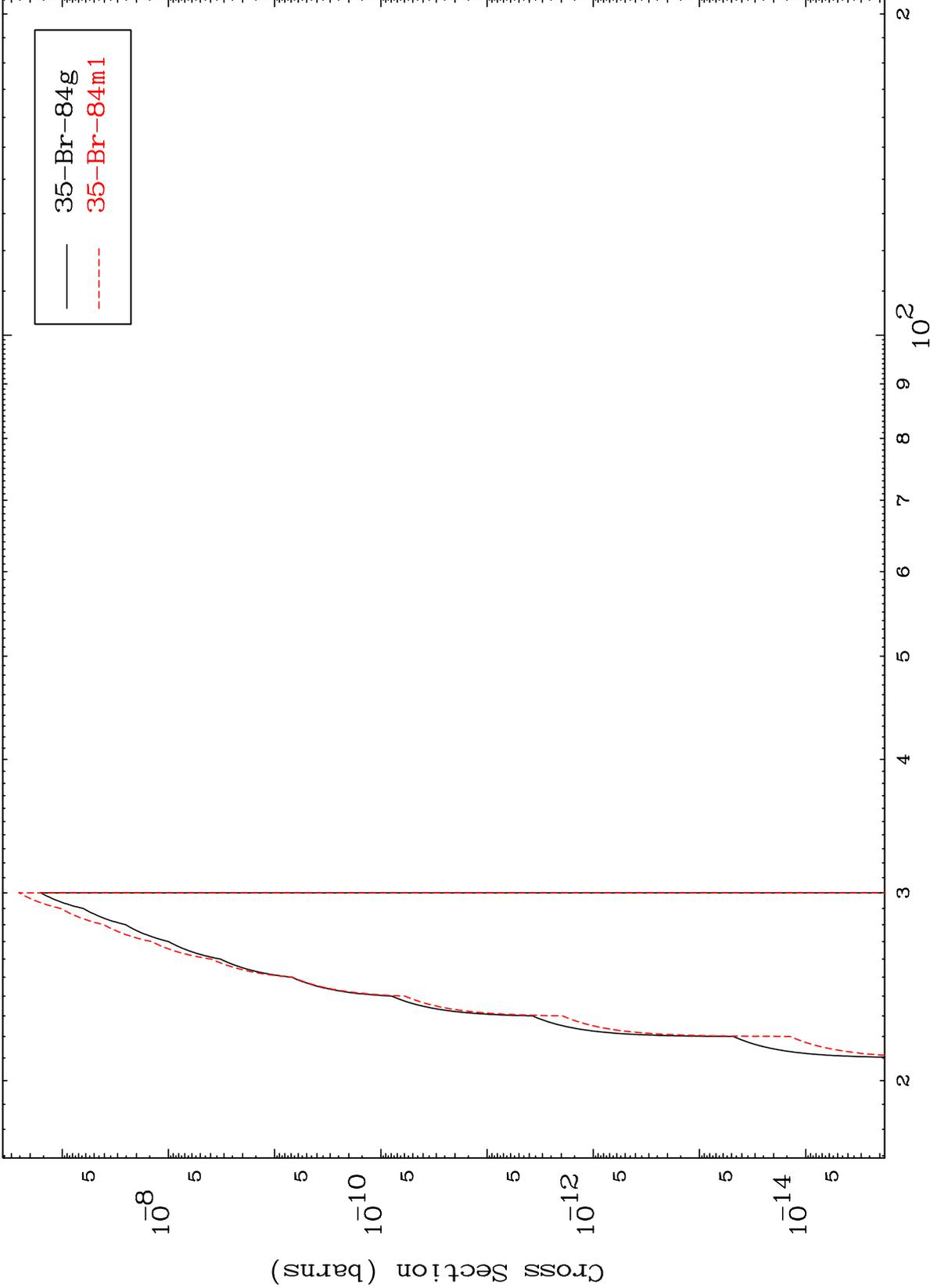


125

Incident Energy (MeV)

37-Rb-86

Radionuclide Production Cross Section



35-Br-84g
35-Br-84m1

