

Program EVALPLOT
(Version 2018-1)

by

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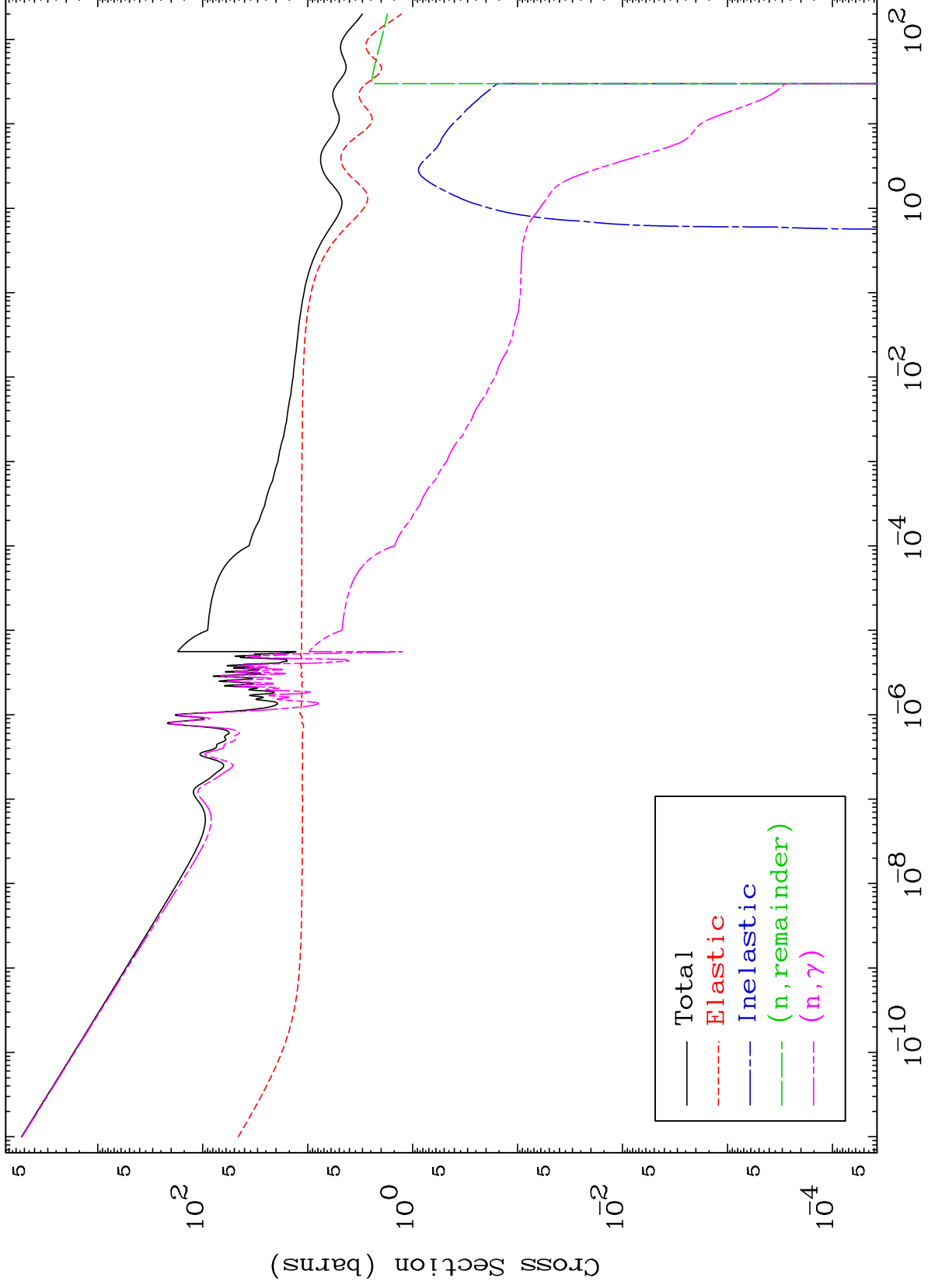
Press Mouse Button to Start

MAT 8777

Major

293 Kelvin Cross Sections

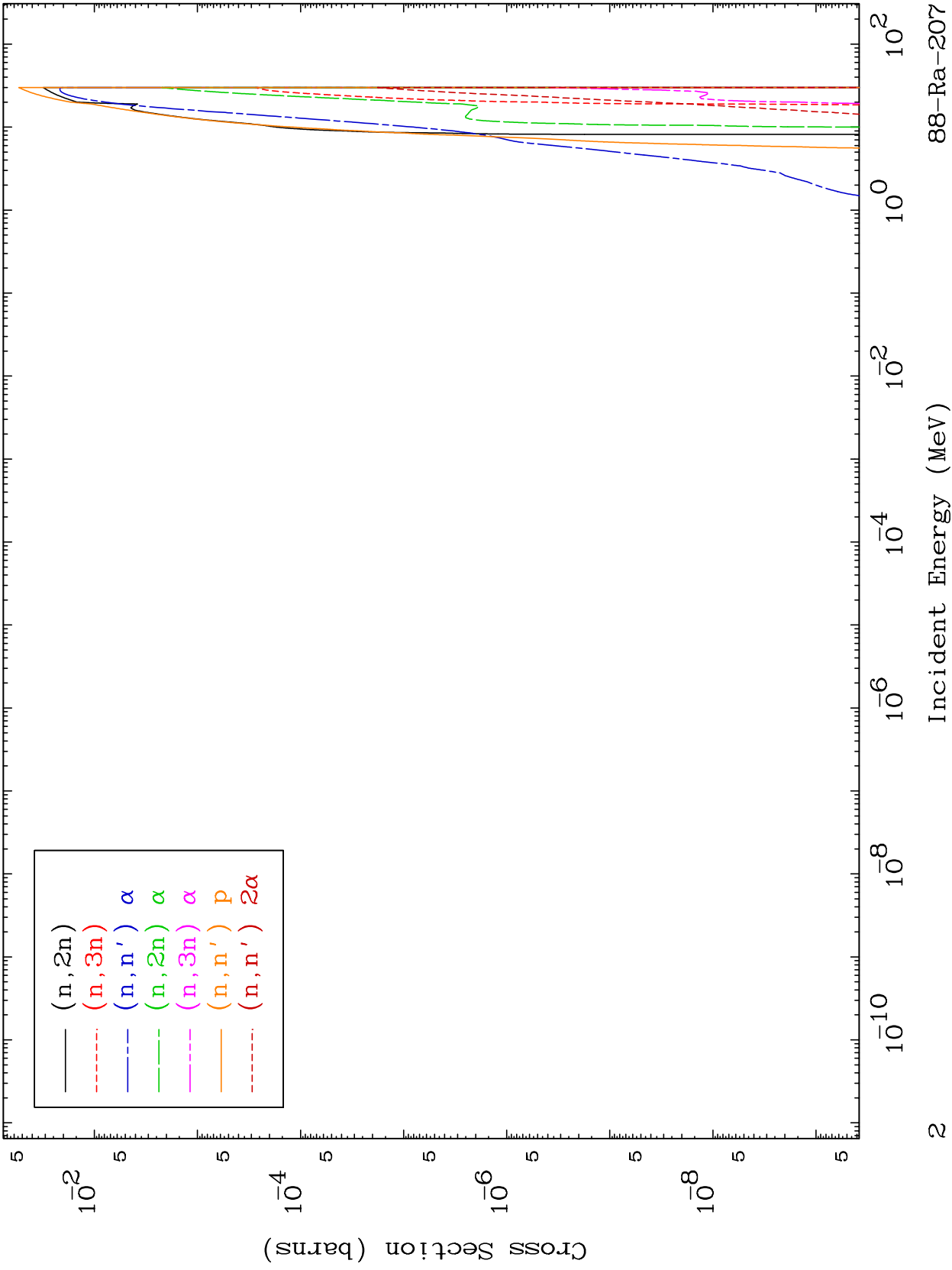
88-Ra-207



MAT 8777

Neutron Production
293 Kelvin Cross Sections

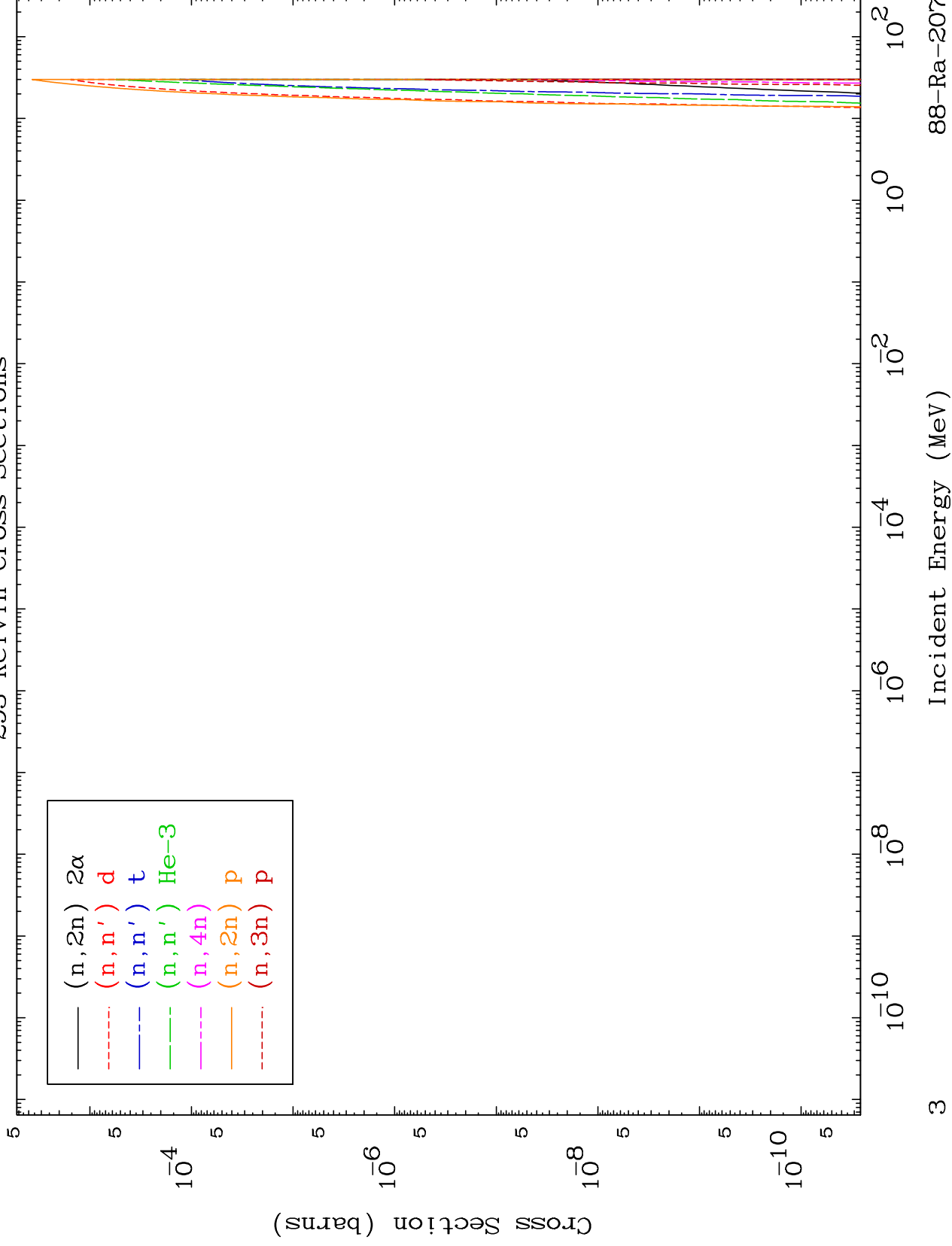
88-Ra-207



MAT 8777

Neutron Production
293 Kelvin Cross Sections

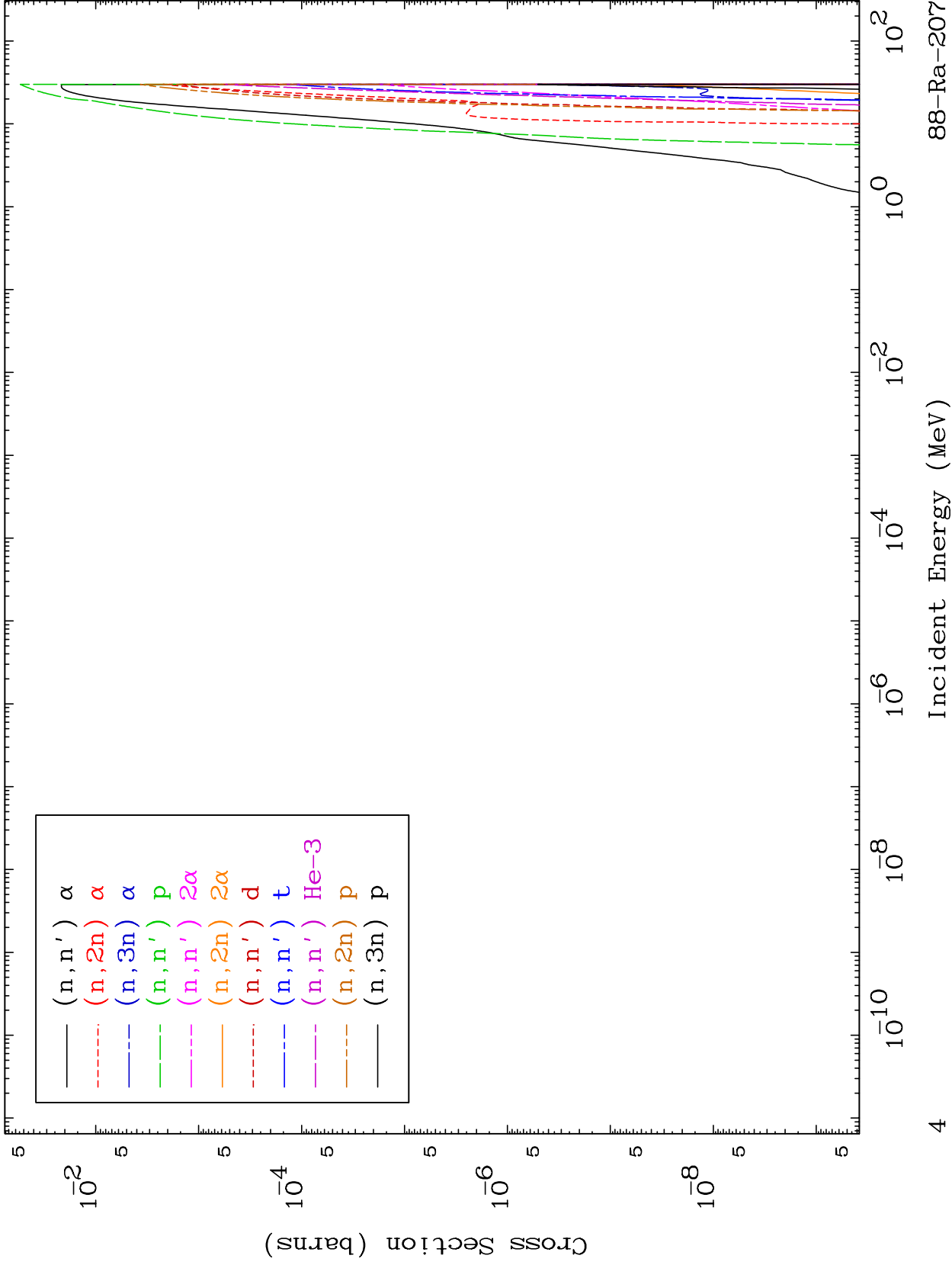
88-Ra-207

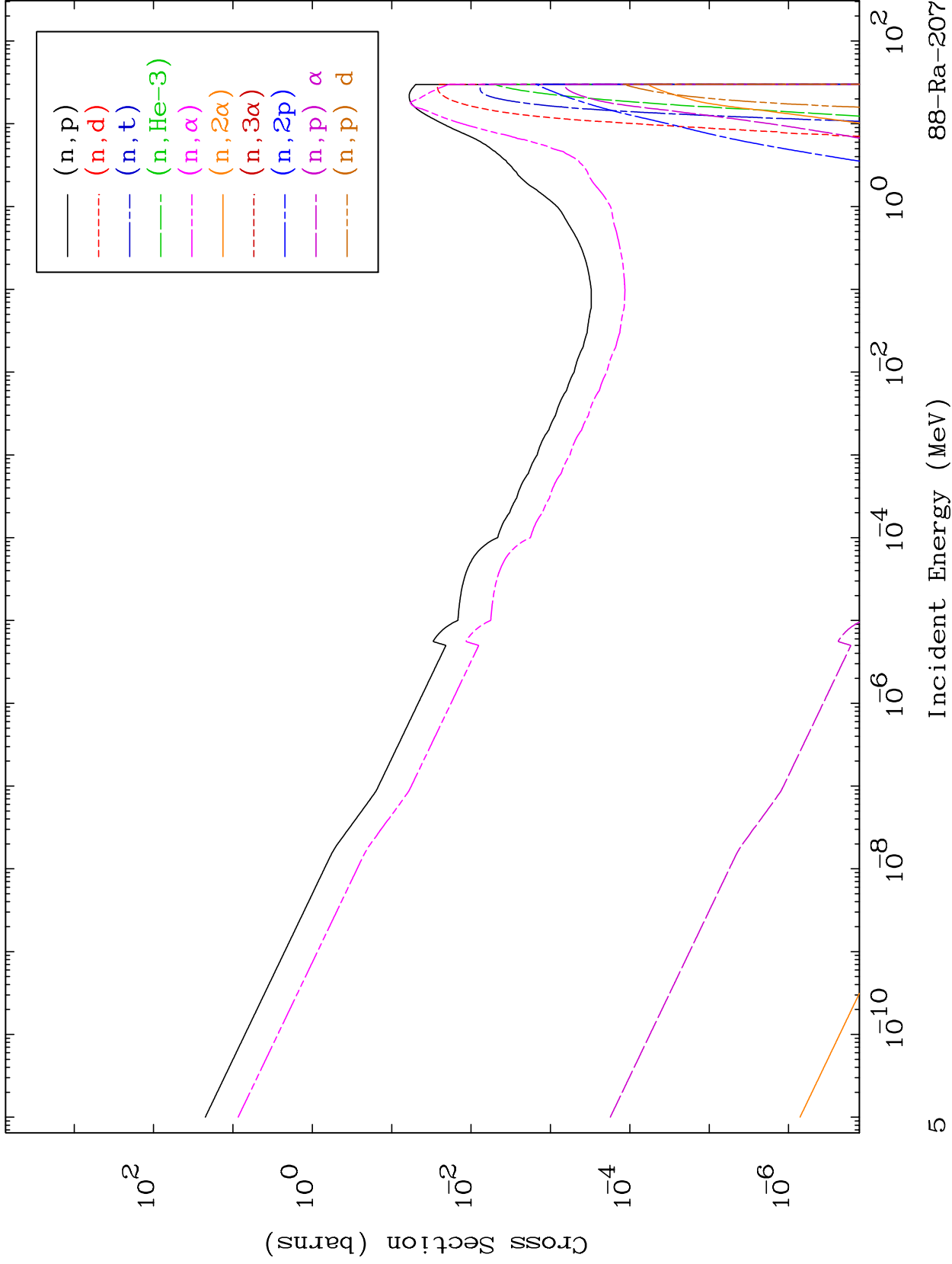


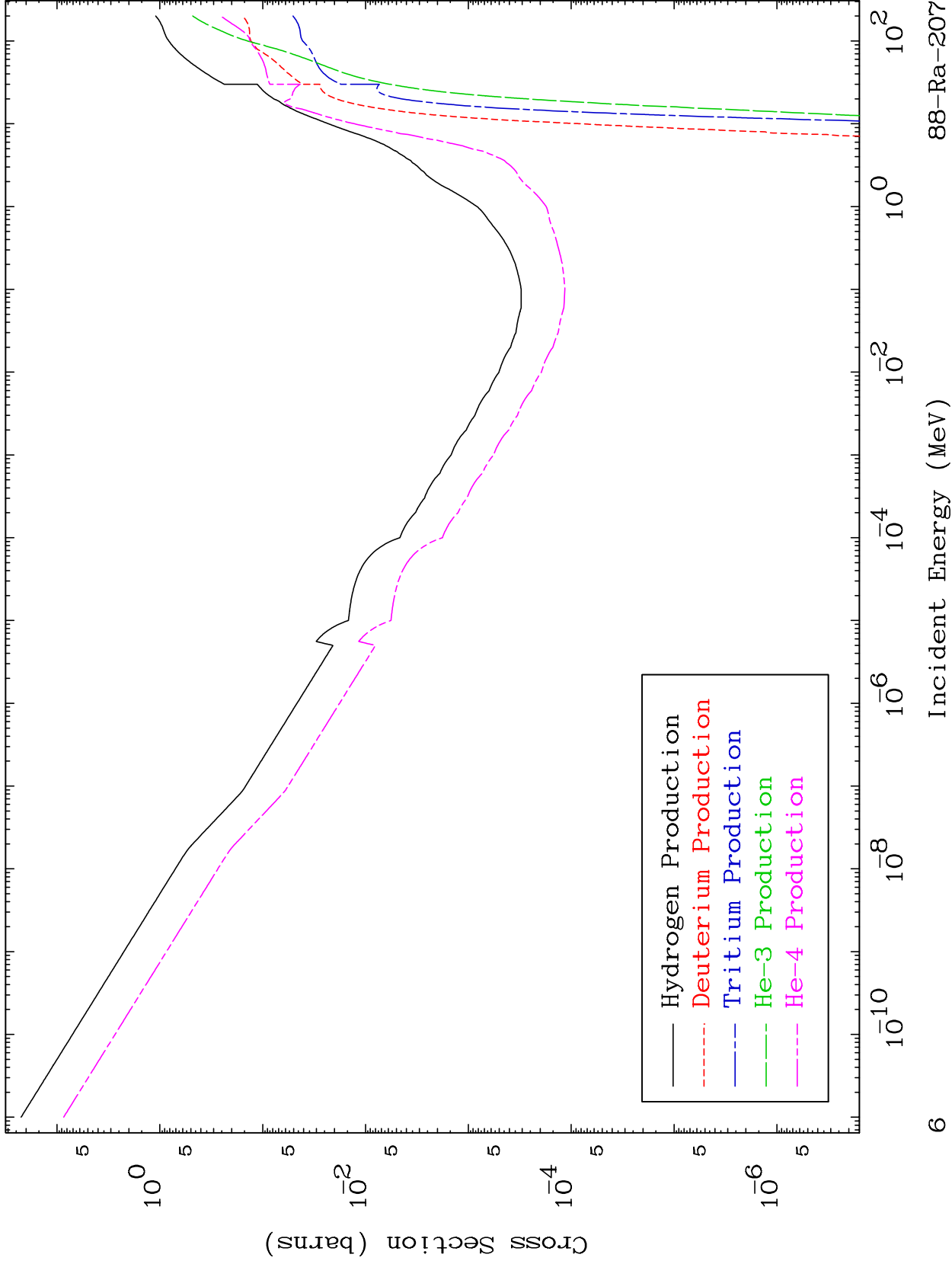
MAT 8777

Charged Particle
293 Kelvin Cross Sections

88-Ra-207





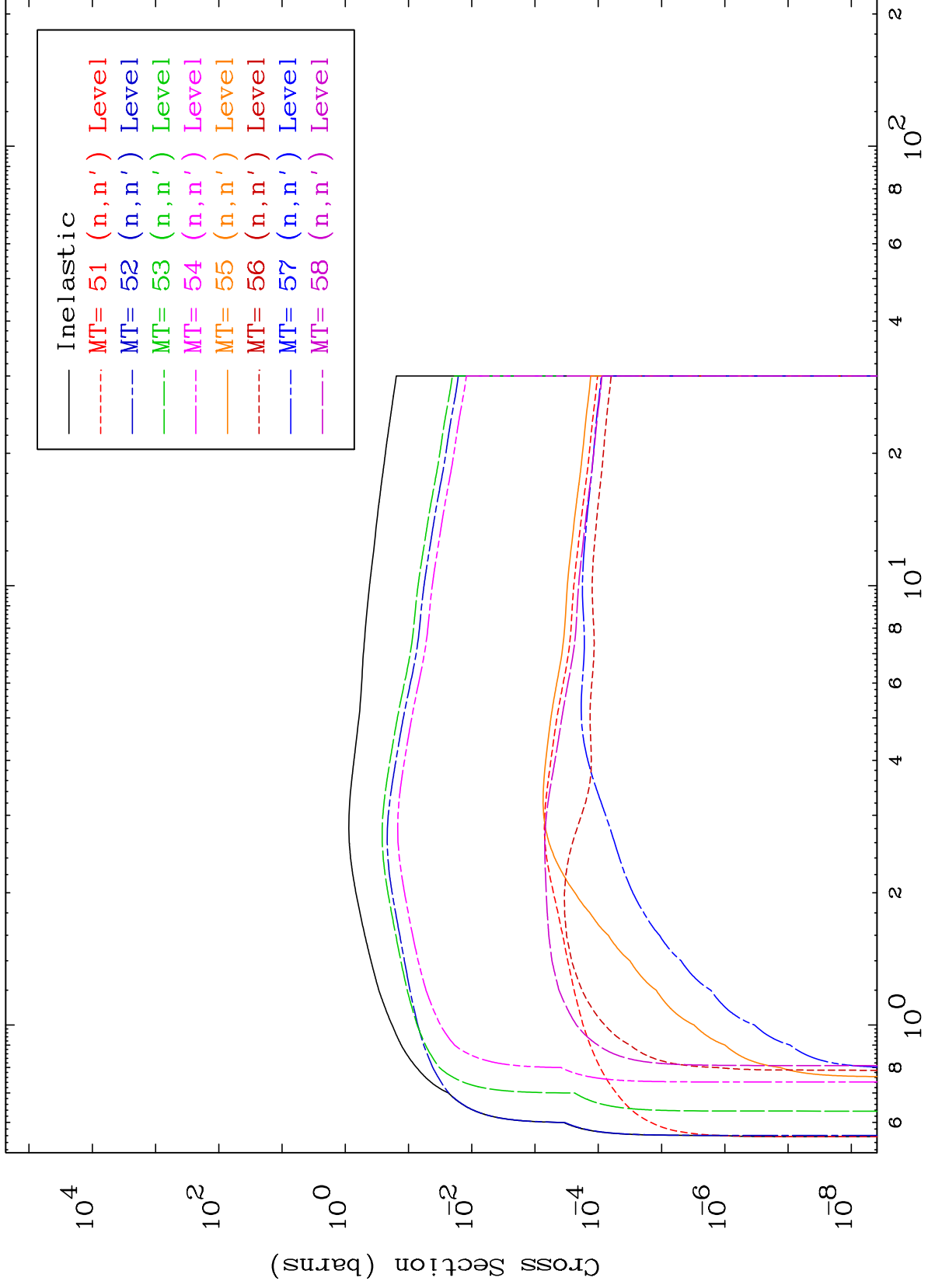


MAT 8777

(n,n') Level

88-Ra-207

293 Kelvin Cross Sections



7

Incident Energy (MeV)

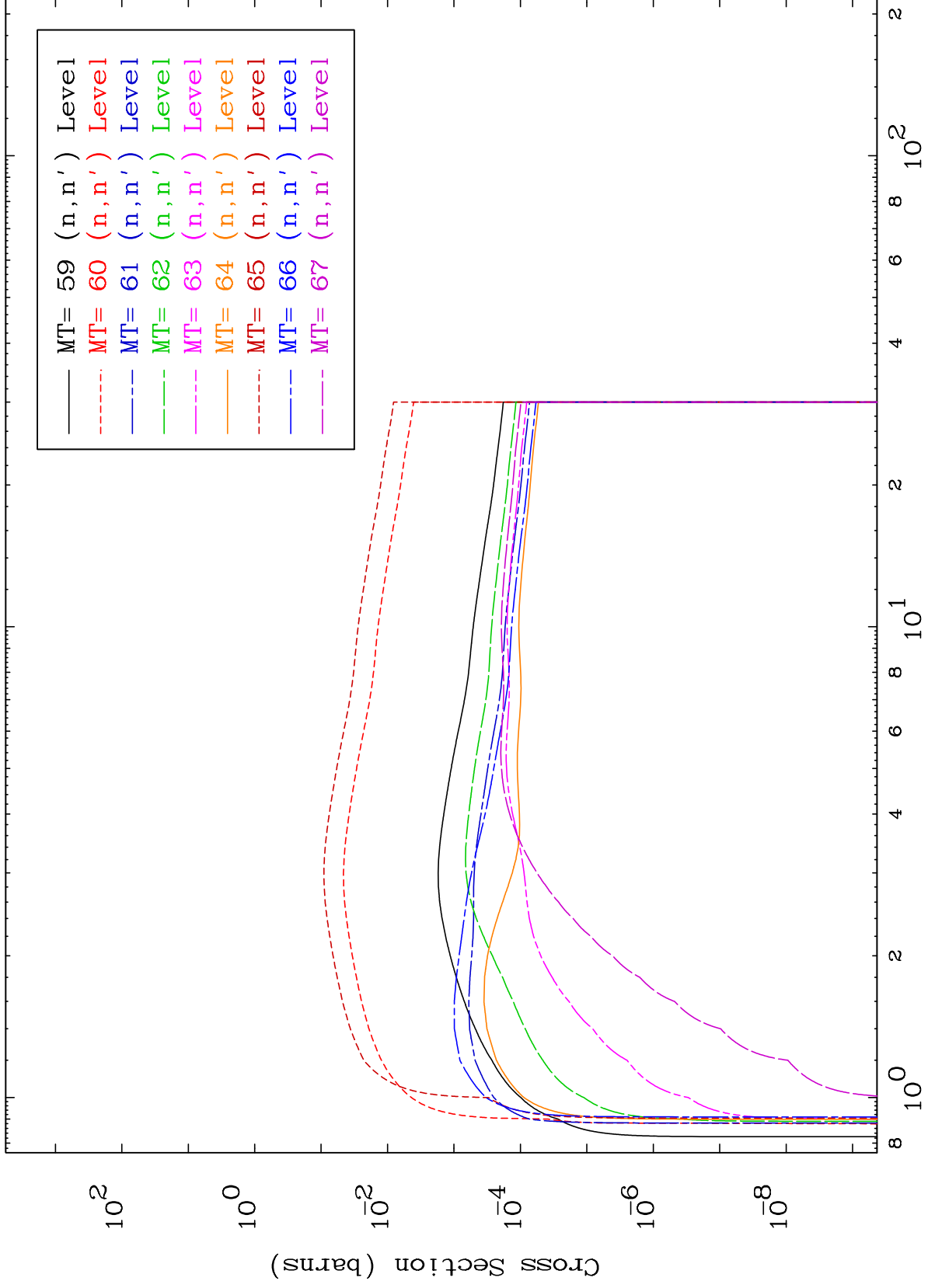
88-Ra-207

MAT 87777

(n,n') Level

293 Kelvin Cross Sections

88-Ra-207



Incident Energy (MeV)

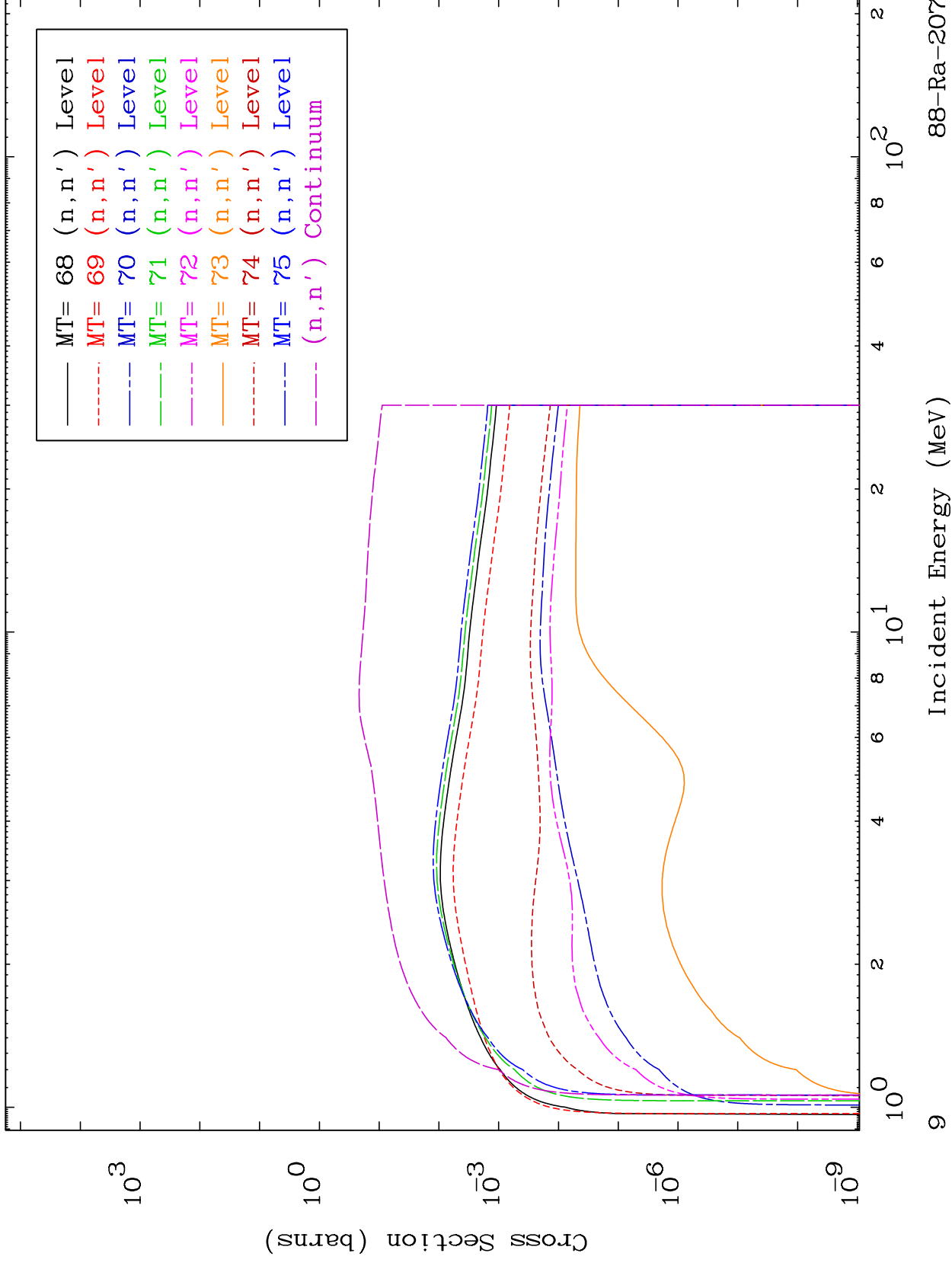
88-Ra-207

MAT 8777

(n,n') Level

293 Kelvin Cross Sections

88-Ra-207



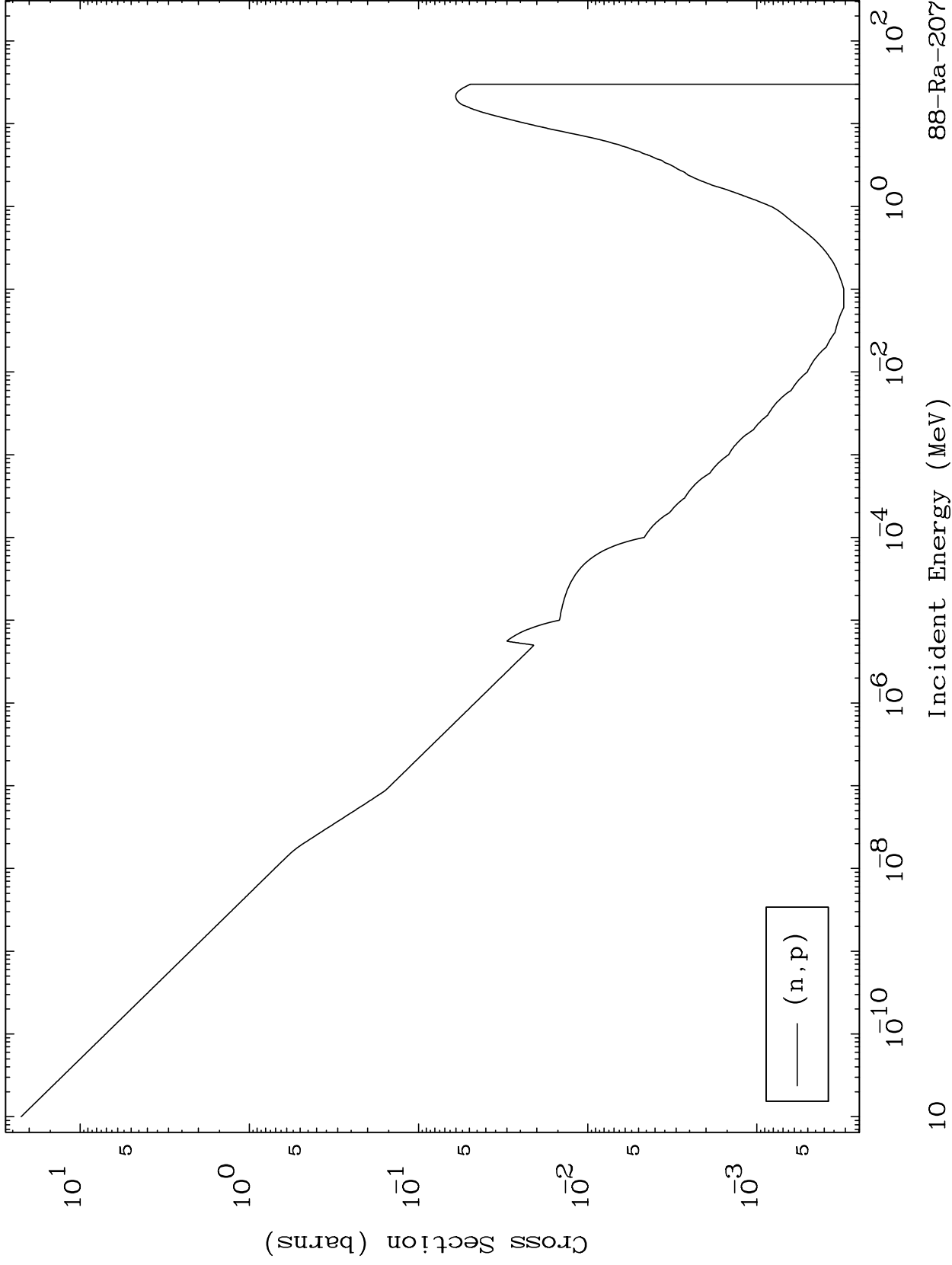
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,p) Levels
293 Kelvin Cross Sections

88-Ra-207



10

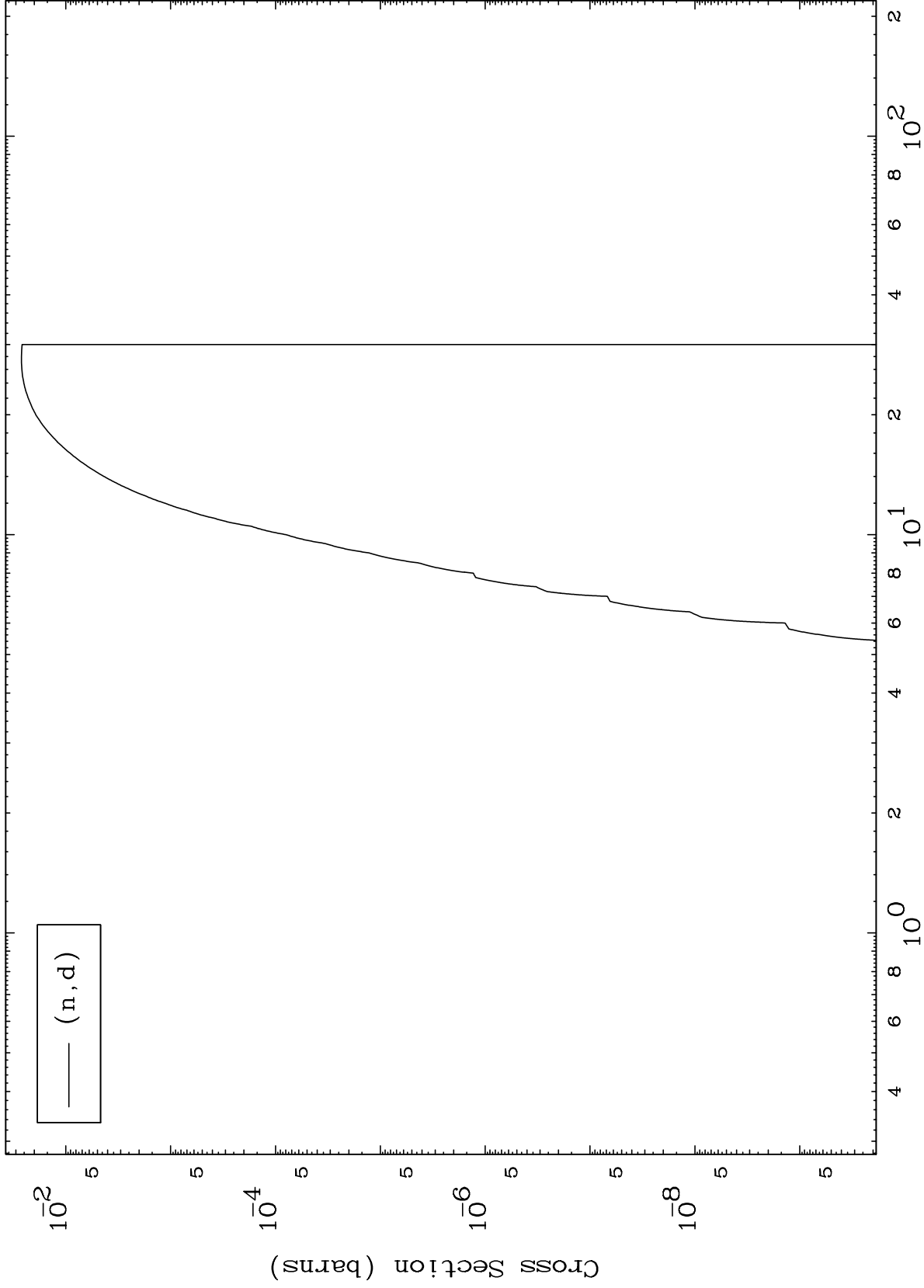
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,d) Levels
293 Kelvin Cross Sections

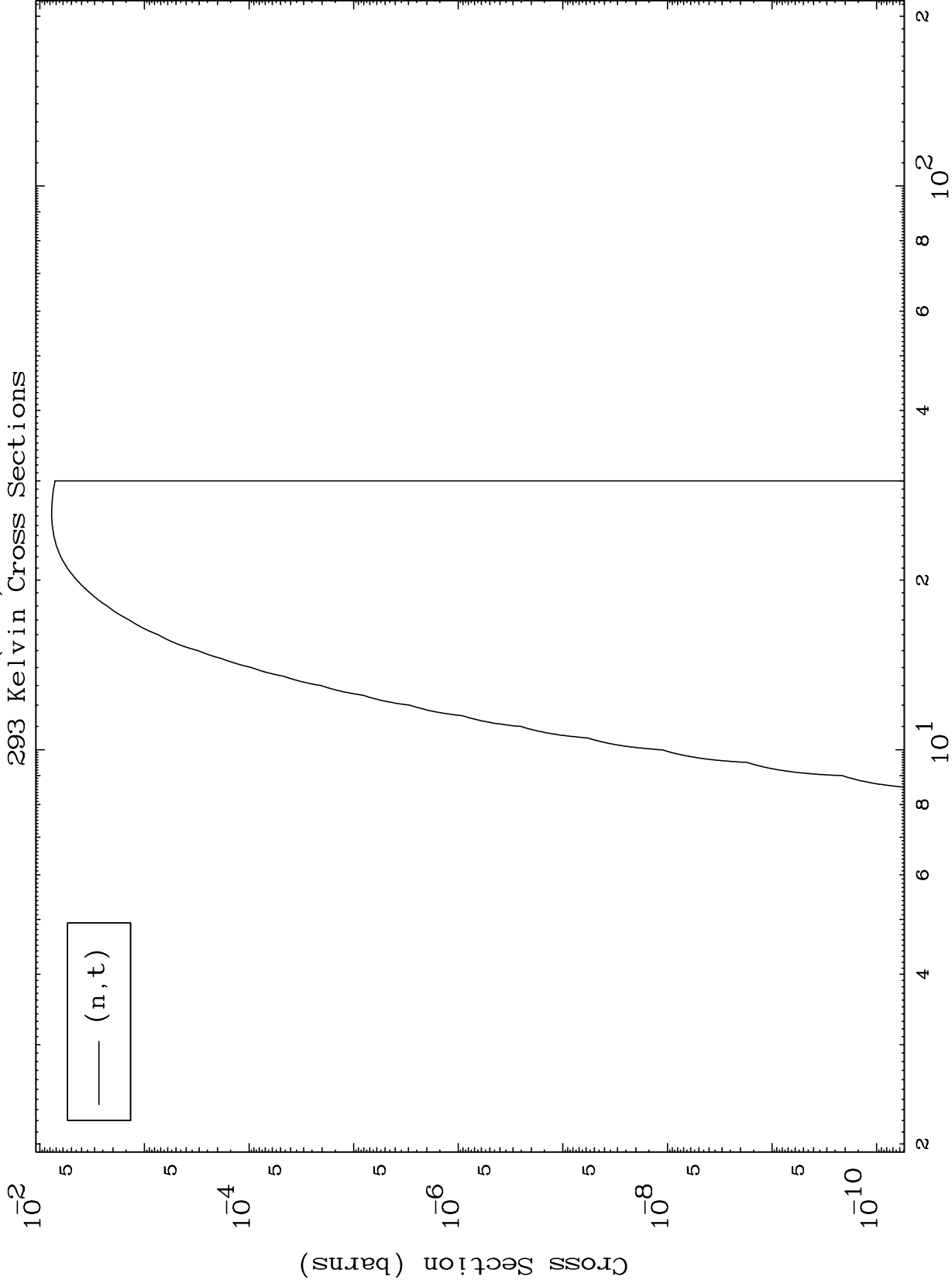
88-Ra-207



MAT 87777

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-207



12

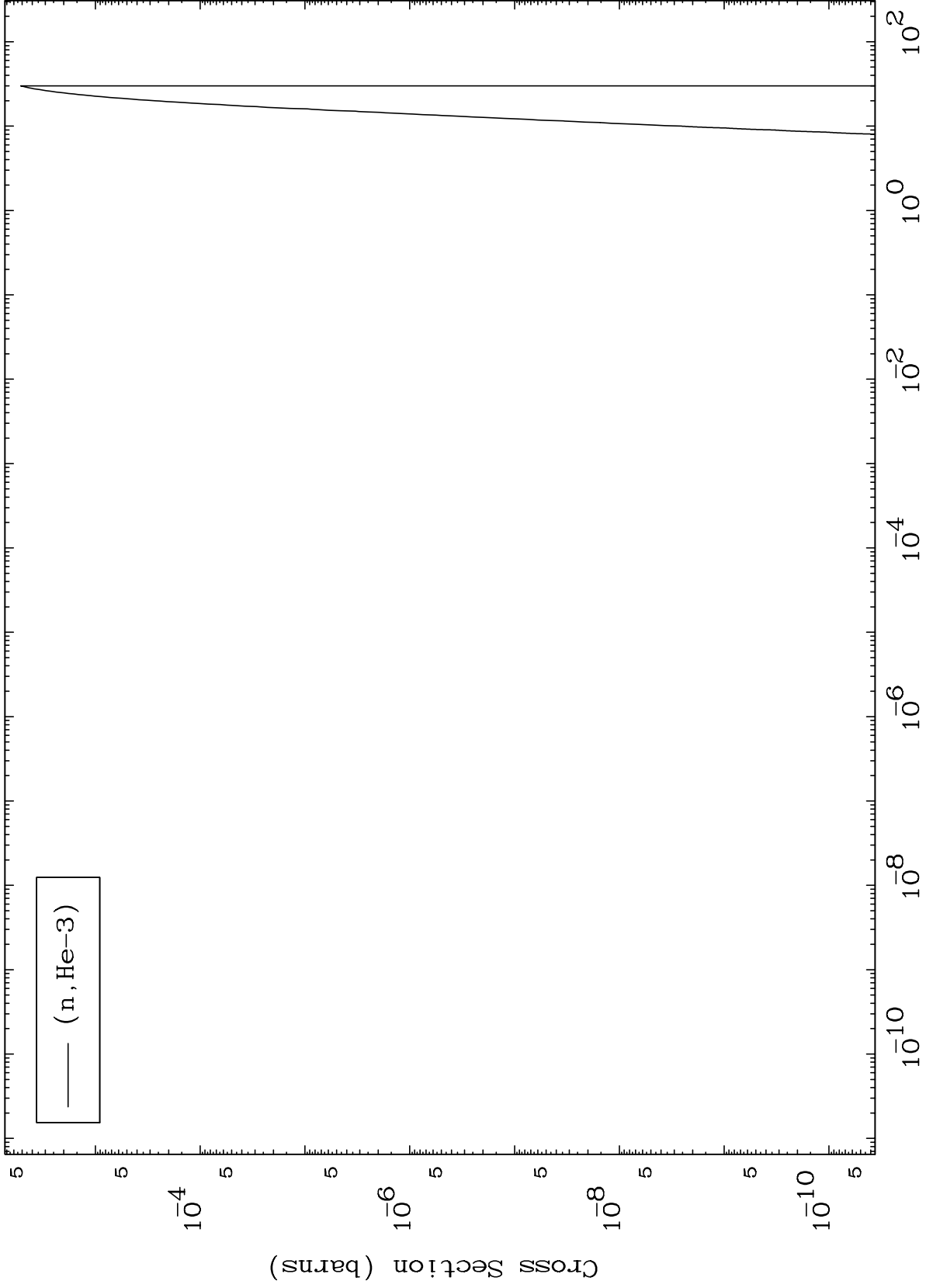
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-207



13

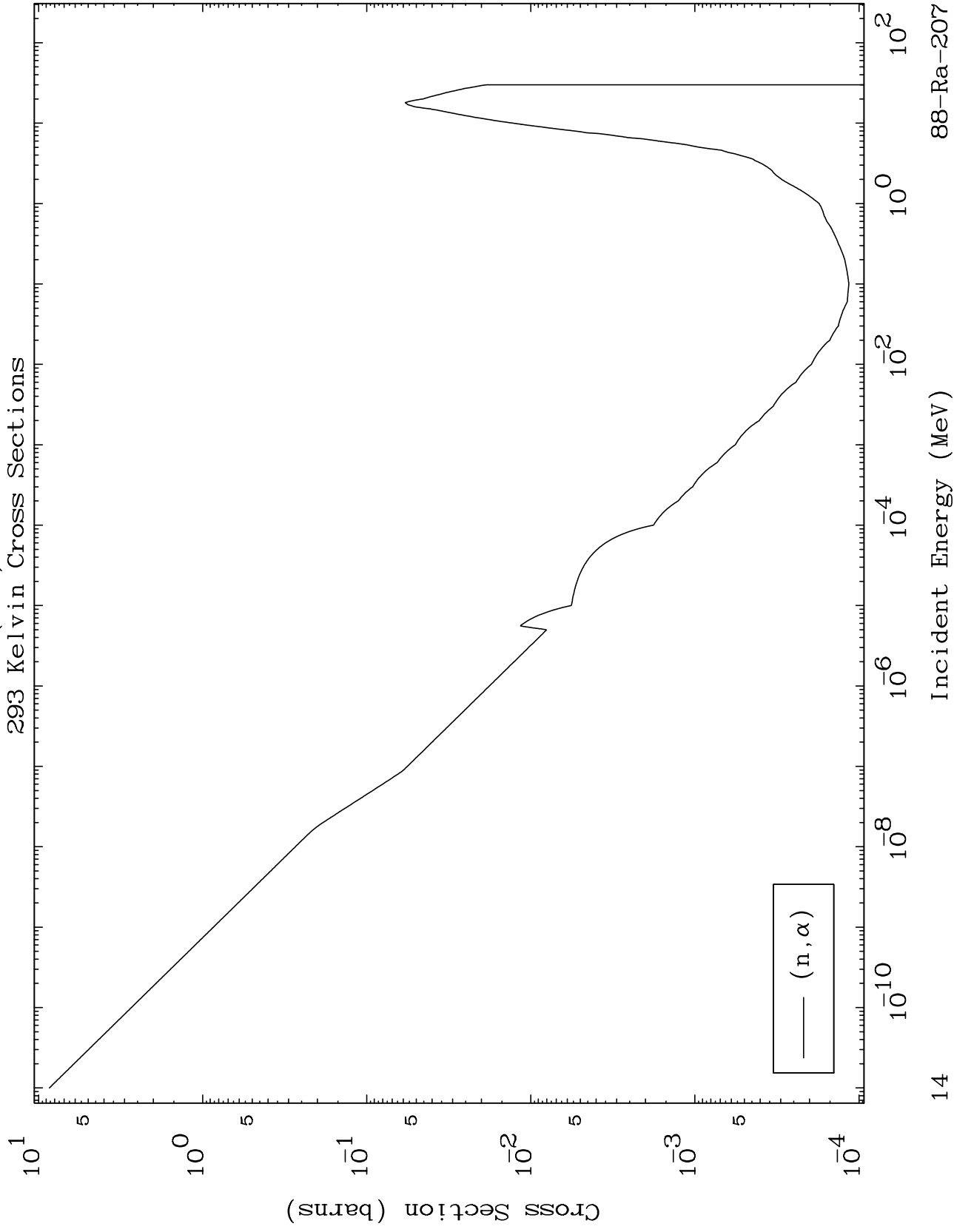
Incident Energy (MeV)

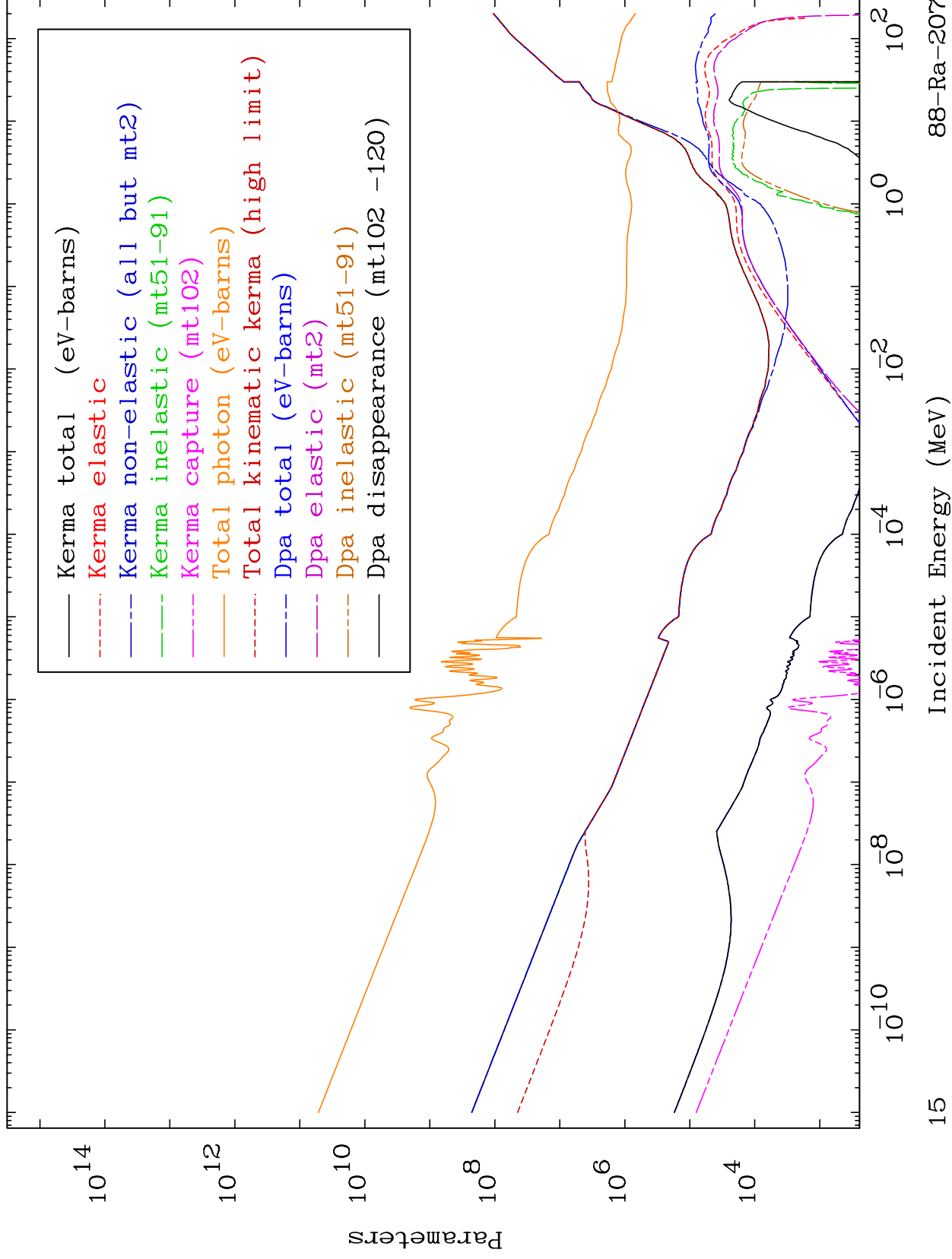
88-Ra-207

MAT 8777

(n,α) Levels
293 Kelvin Cross Sections

88-Ra-207

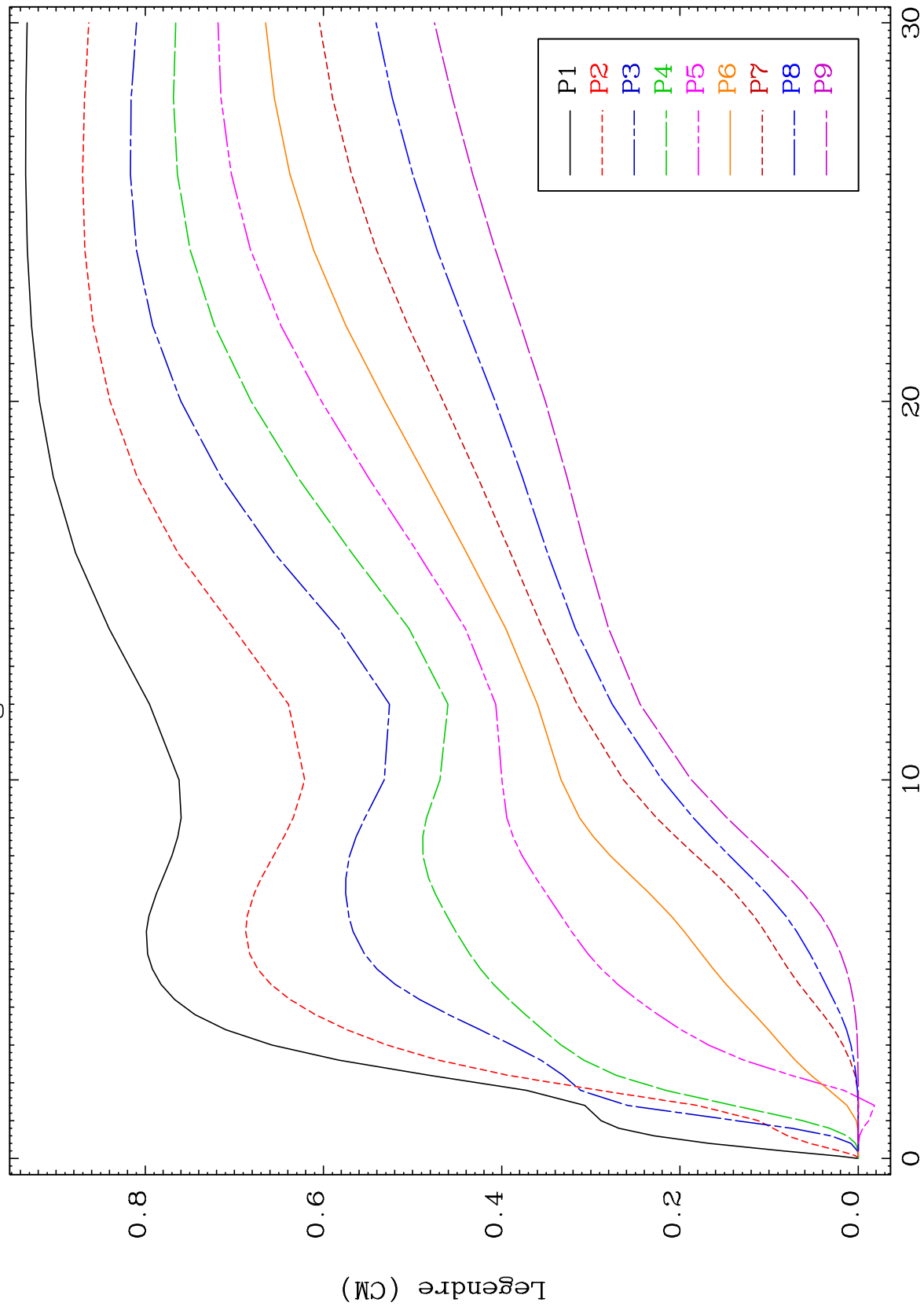




MAT 8777

Elastic Legendre Coefficients

88-Ra-207



16

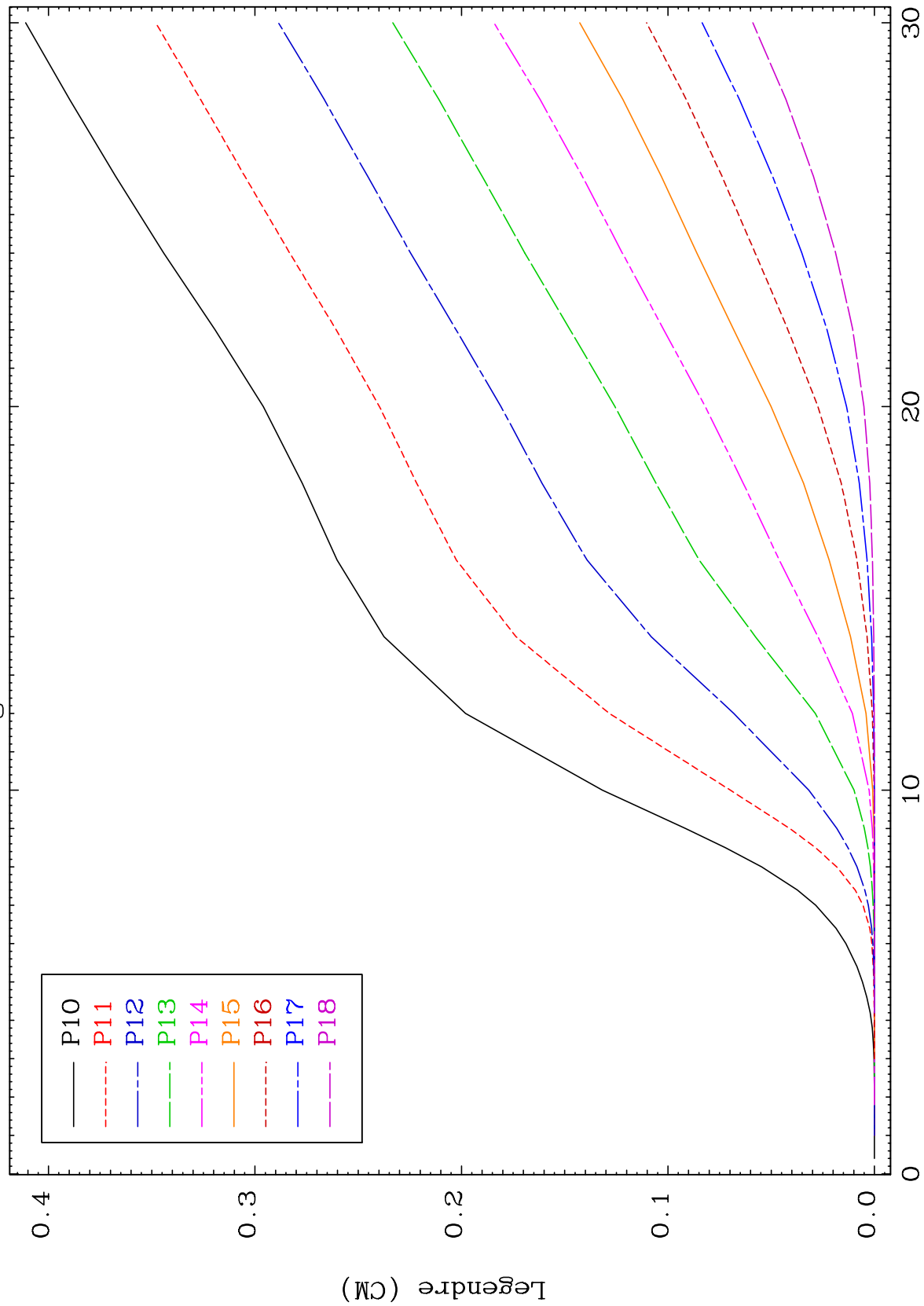
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



17

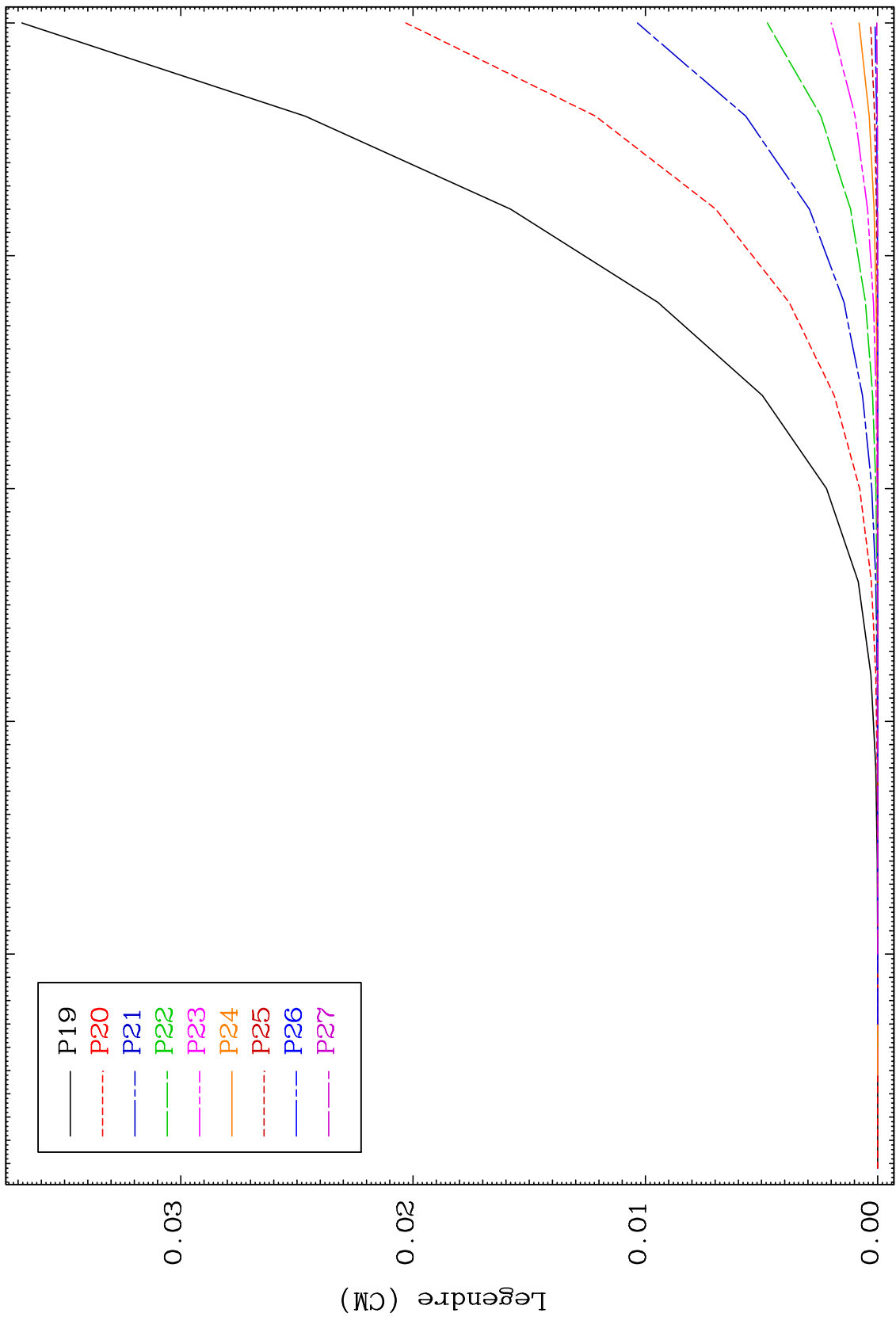
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



18

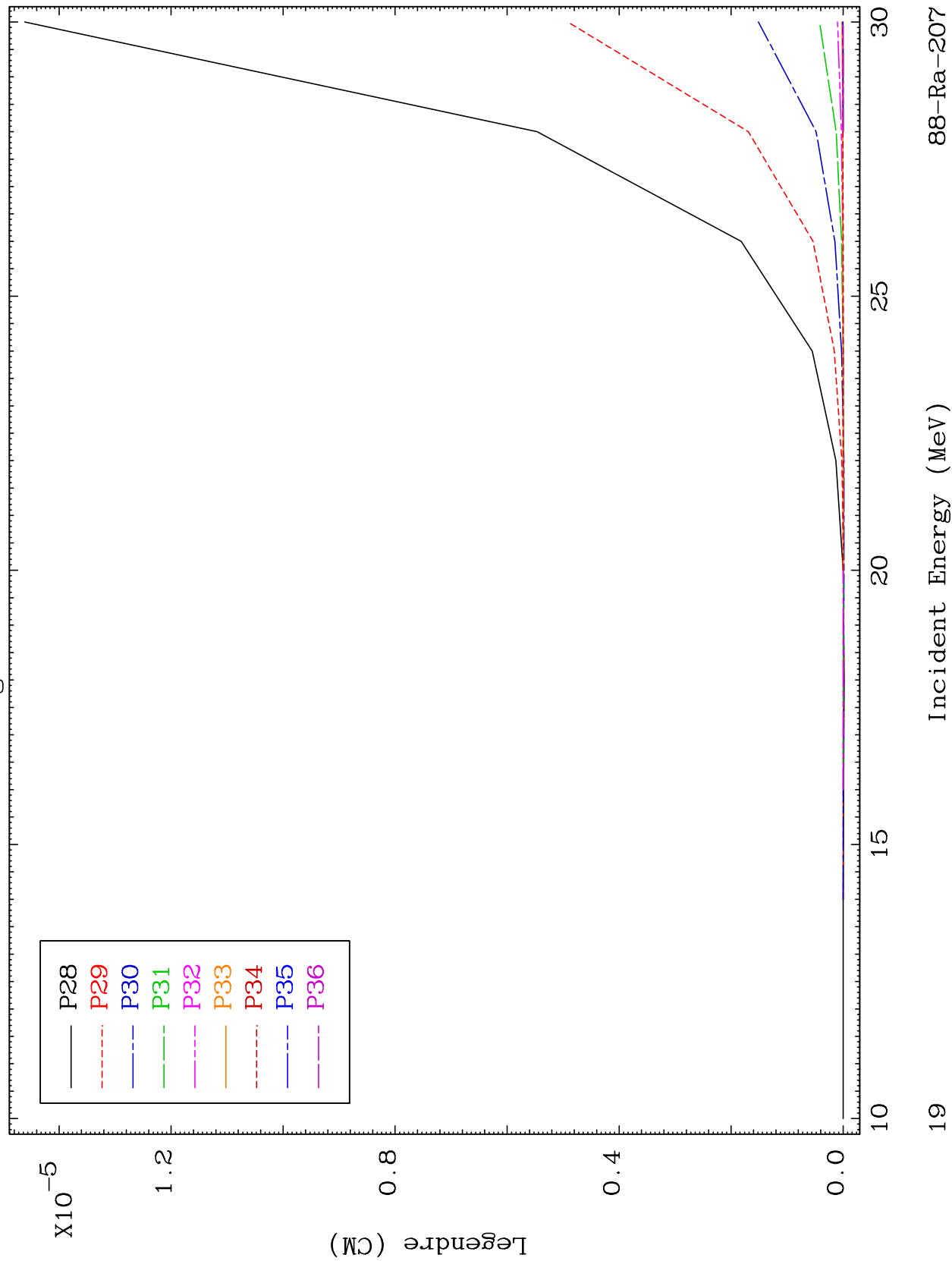
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



88-Ra-207

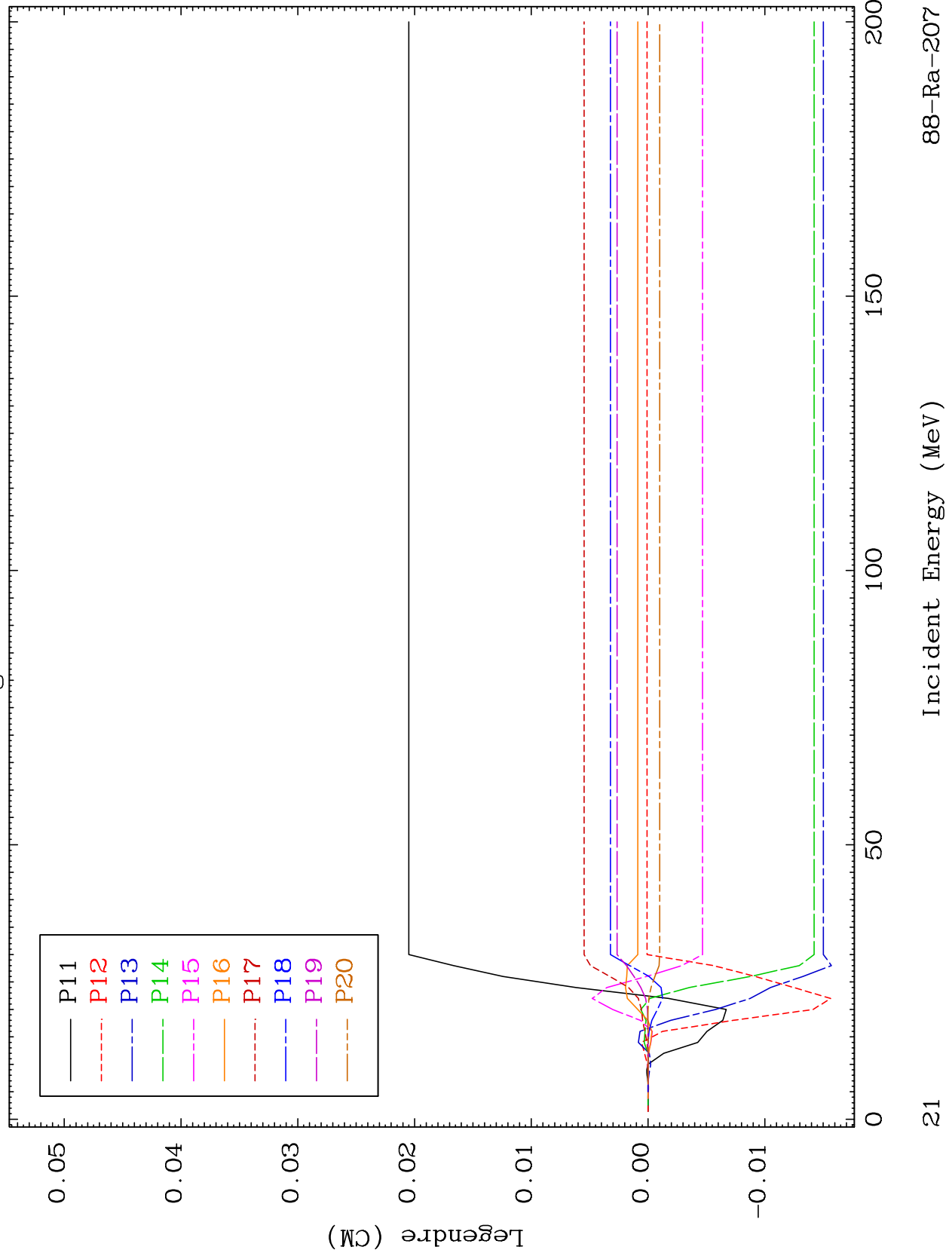
Incident Energy (MeV)

19

MAT 8777

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

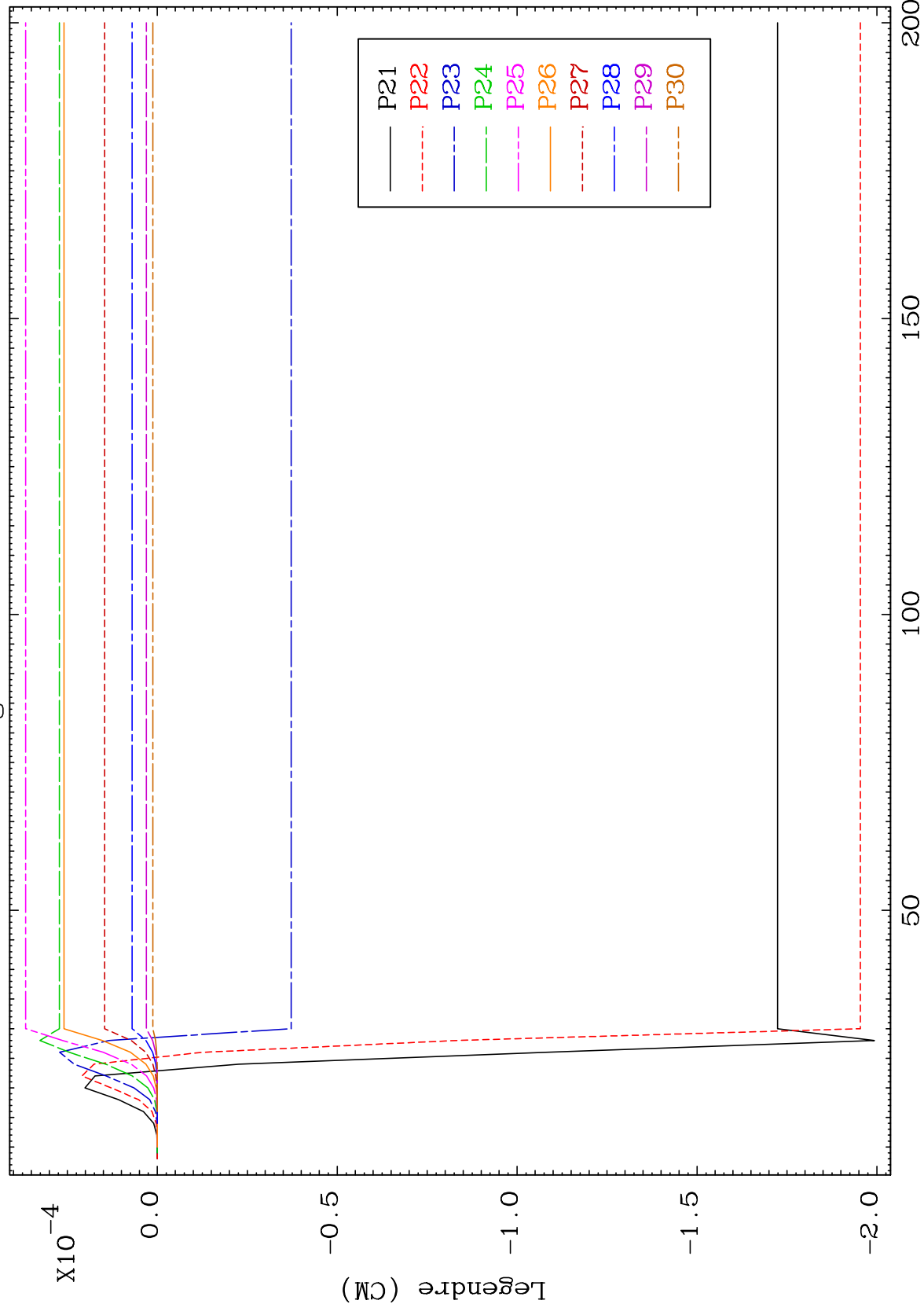
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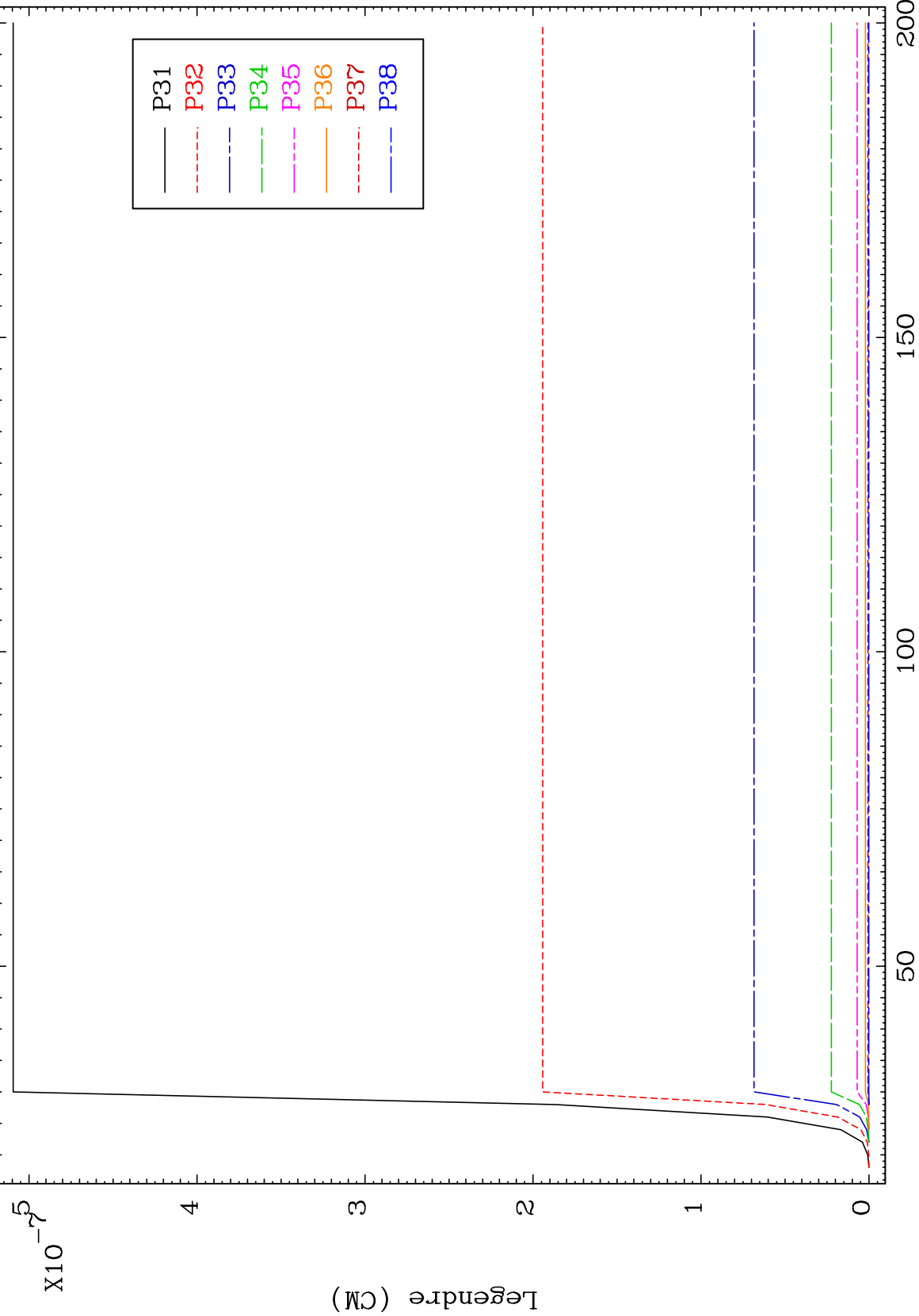


21

Incident Energy (MeV)

88-Ra-207

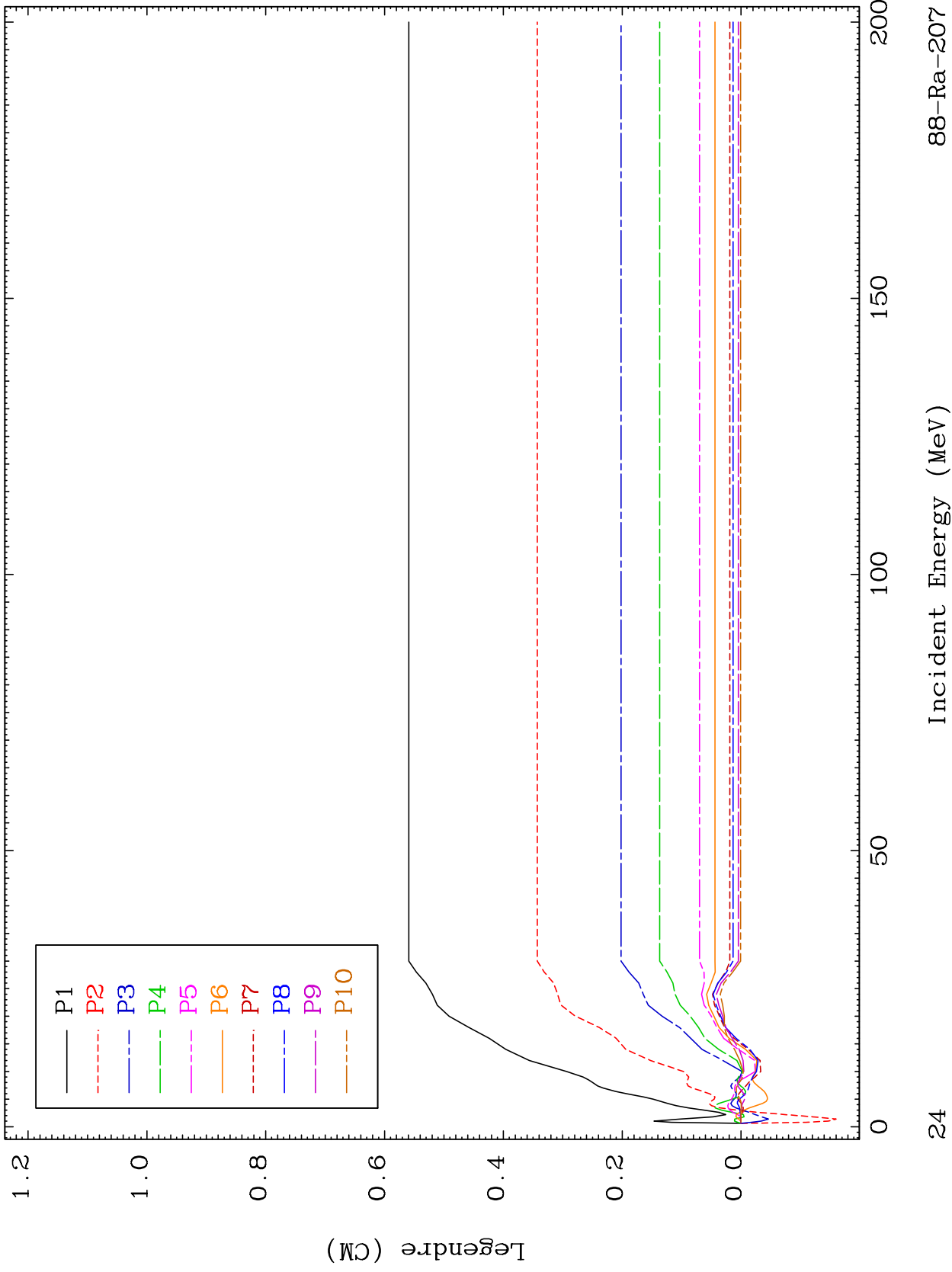




MAT 8777

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

88-Ra-207



24

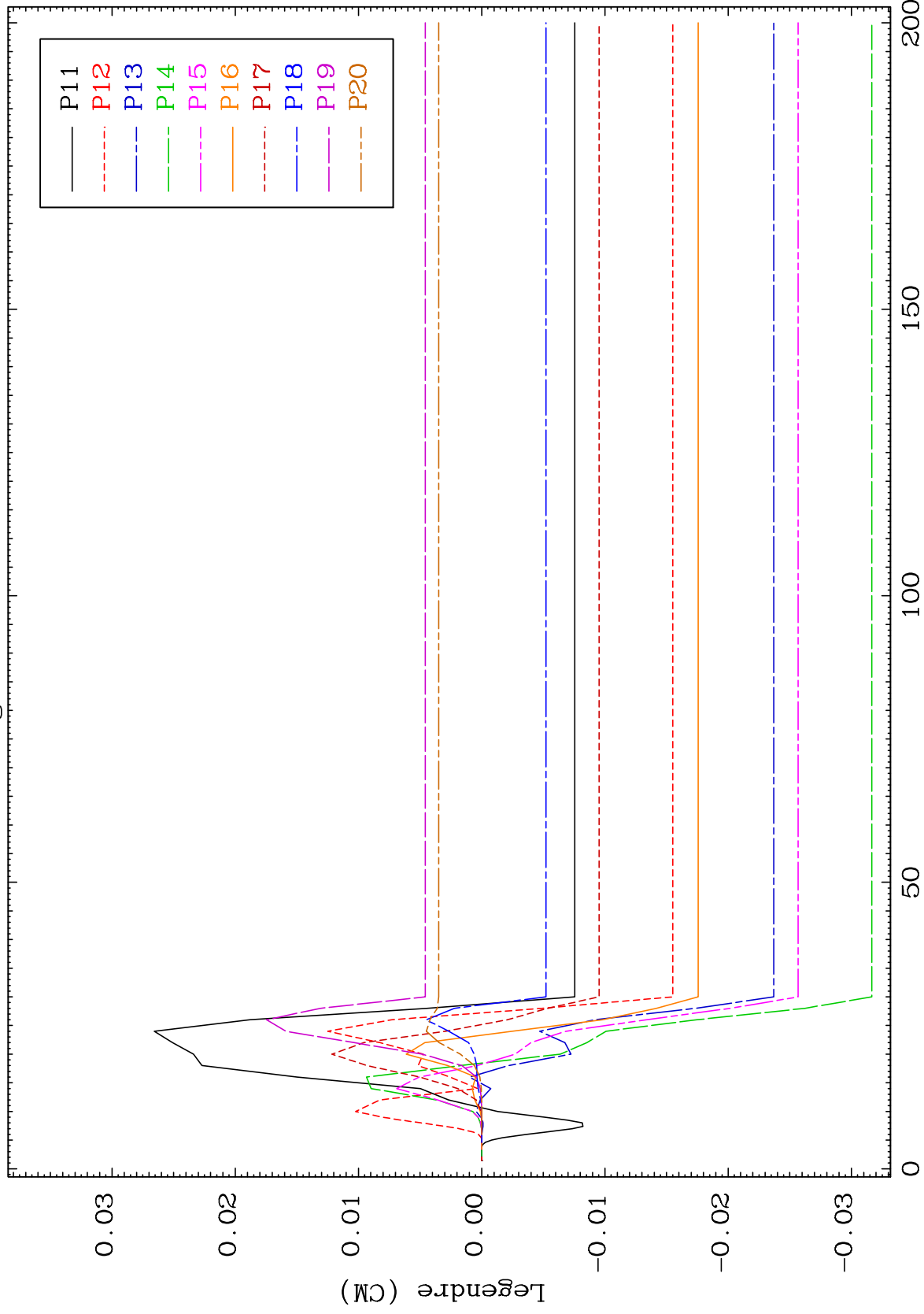
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

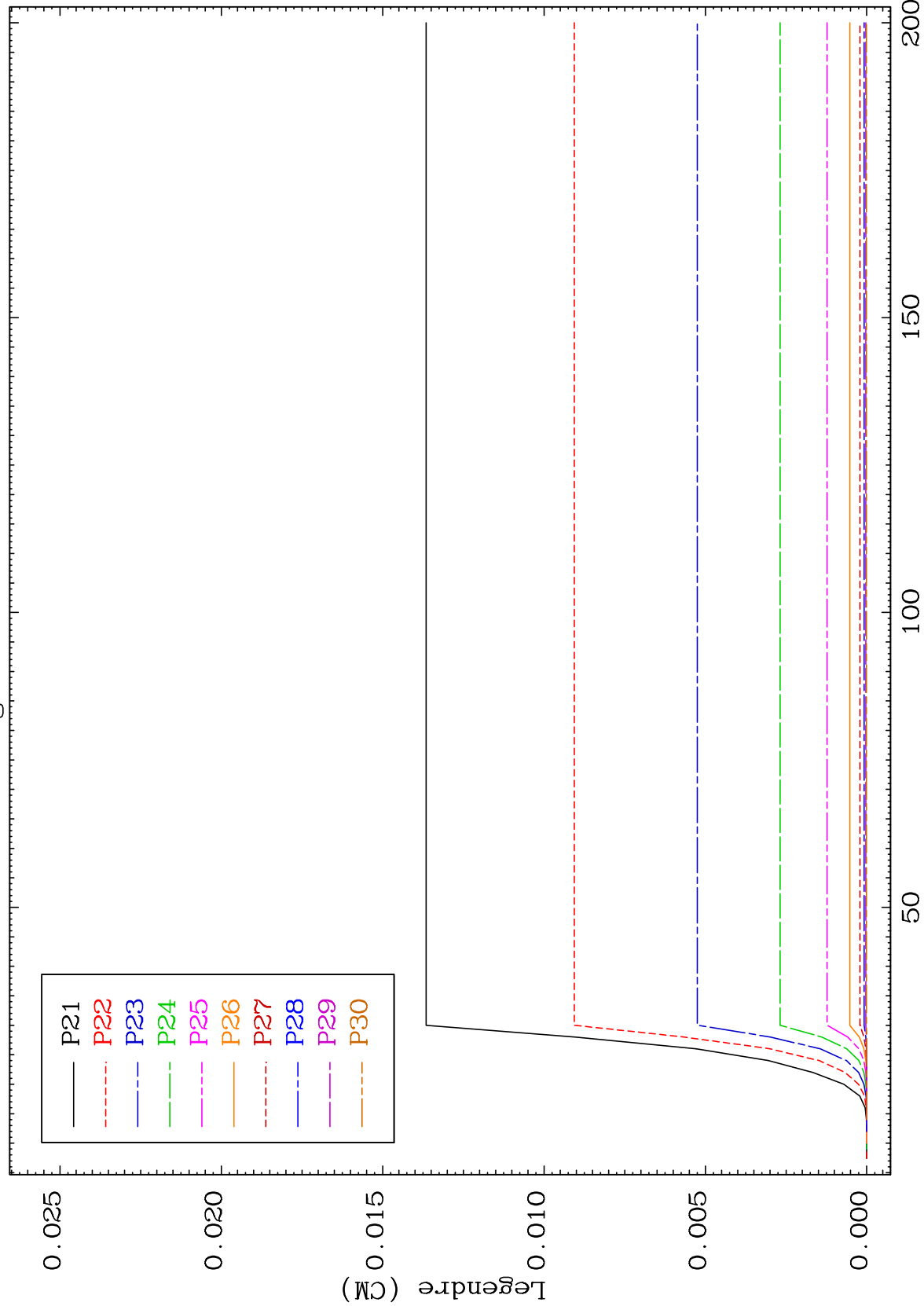
88-Ra-207



25

Incident Energy (MeV)

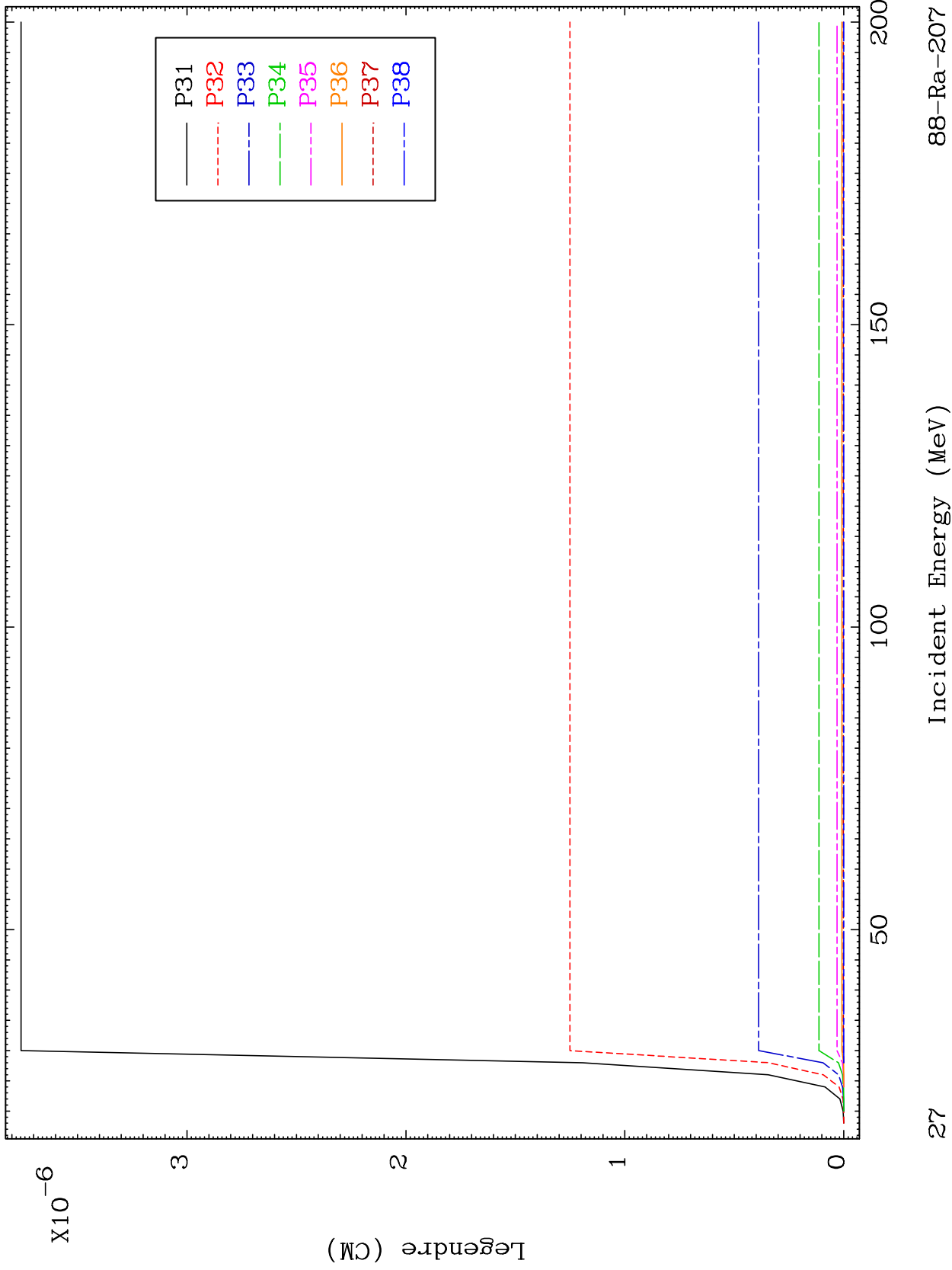
88-Ra-207



MAT 8777

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

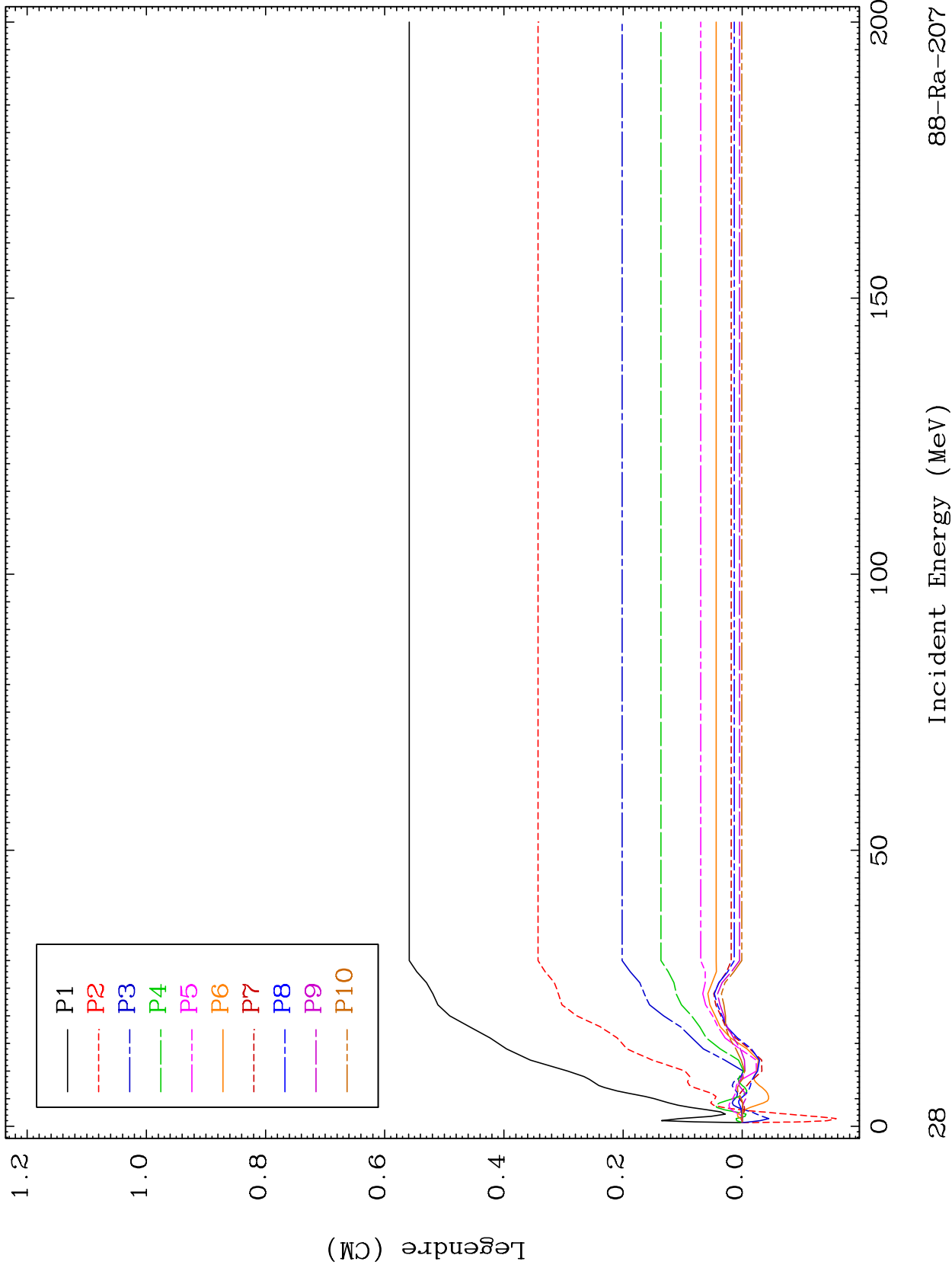
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

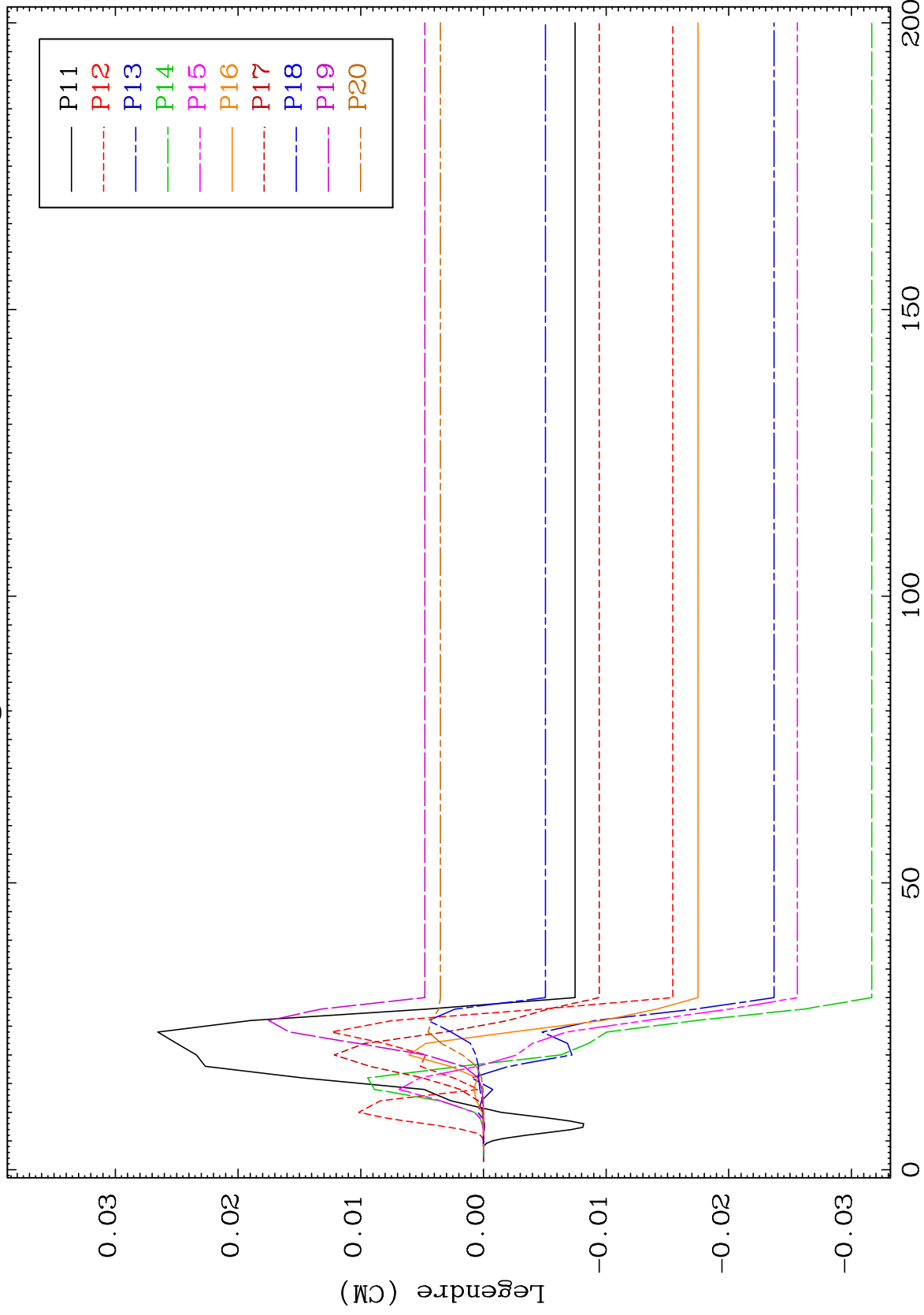
Incident Energy (MeV)

28

MAT 8777

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

88-Ra-207



29

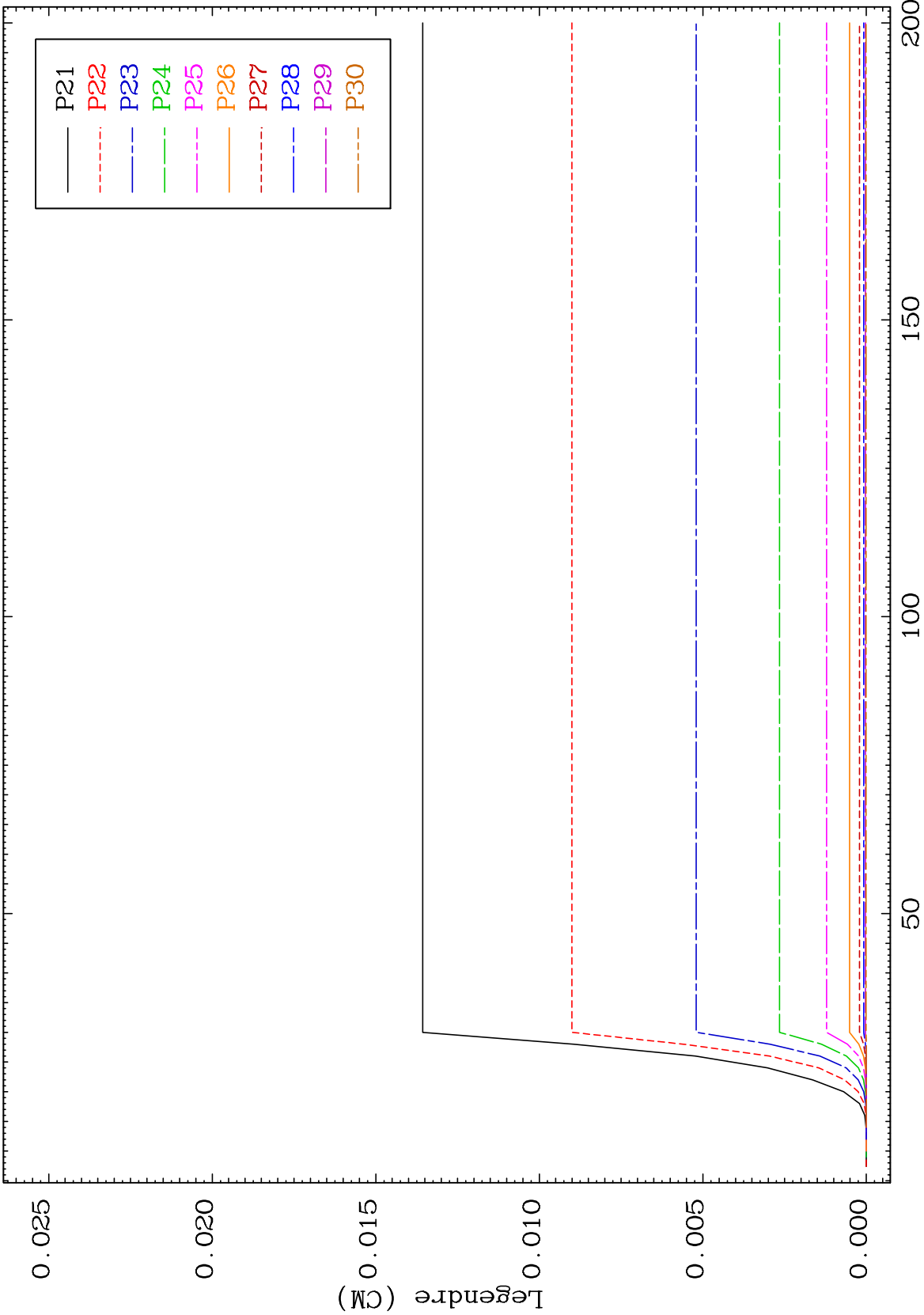
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



30

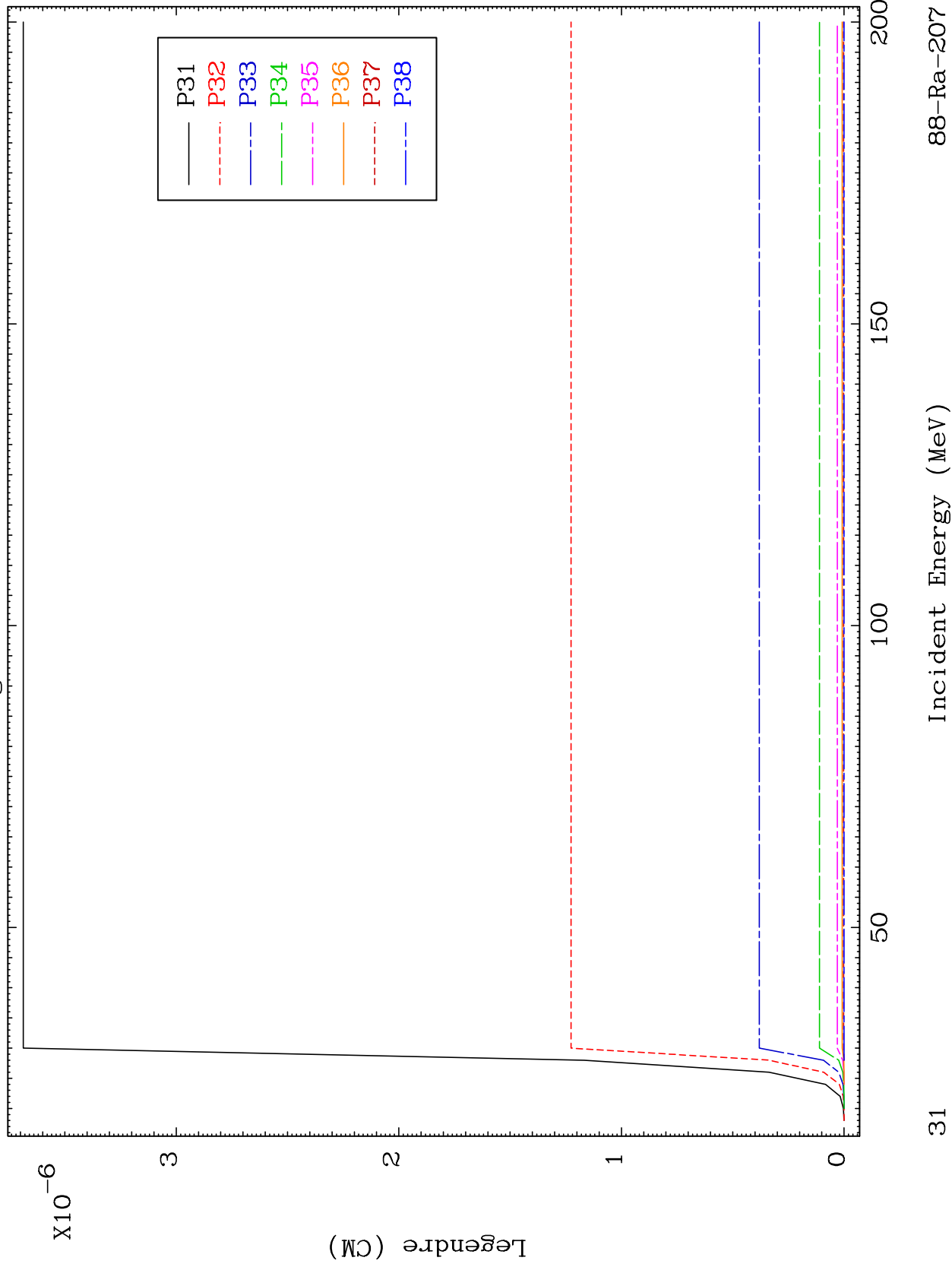
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

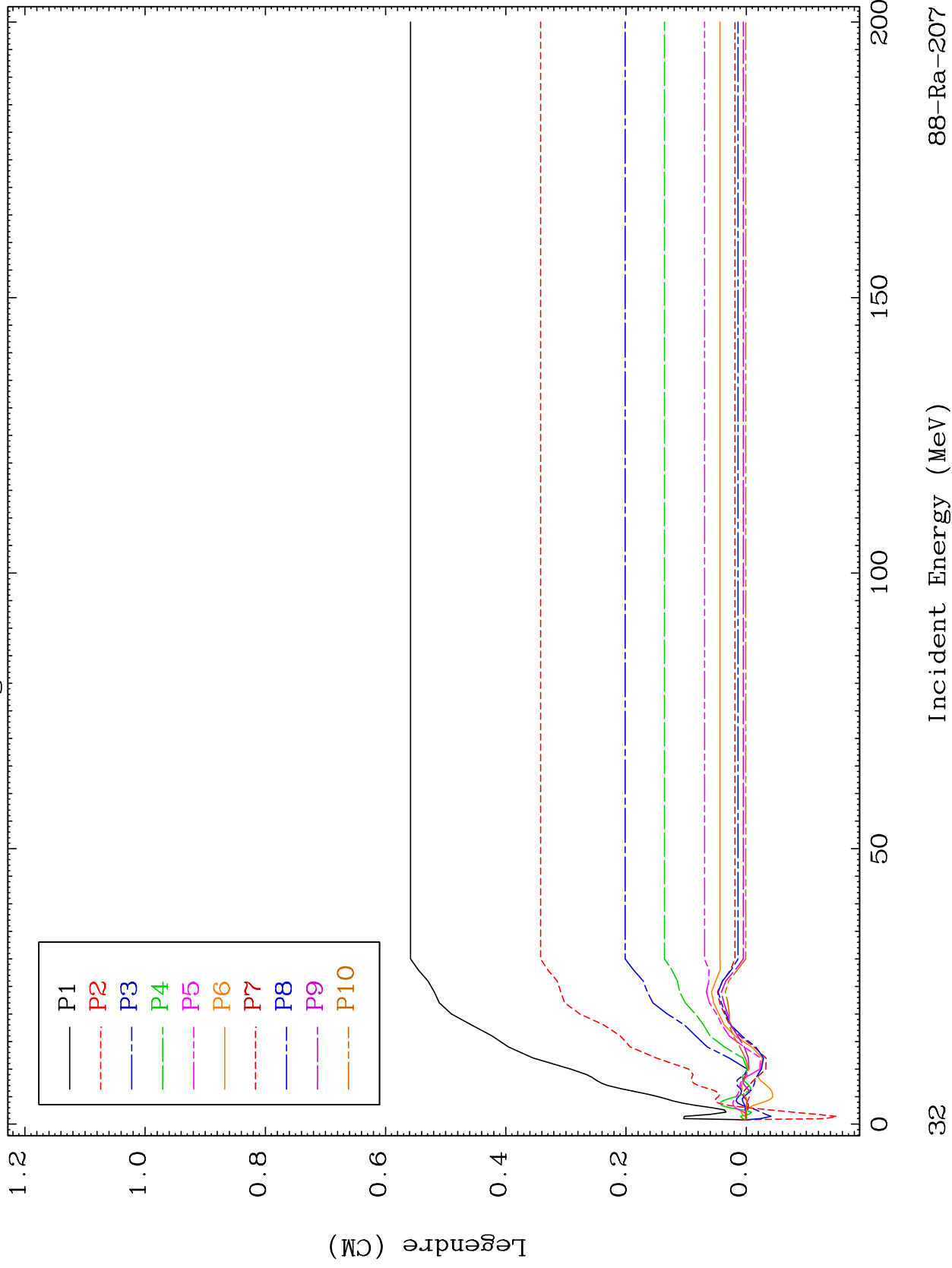
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

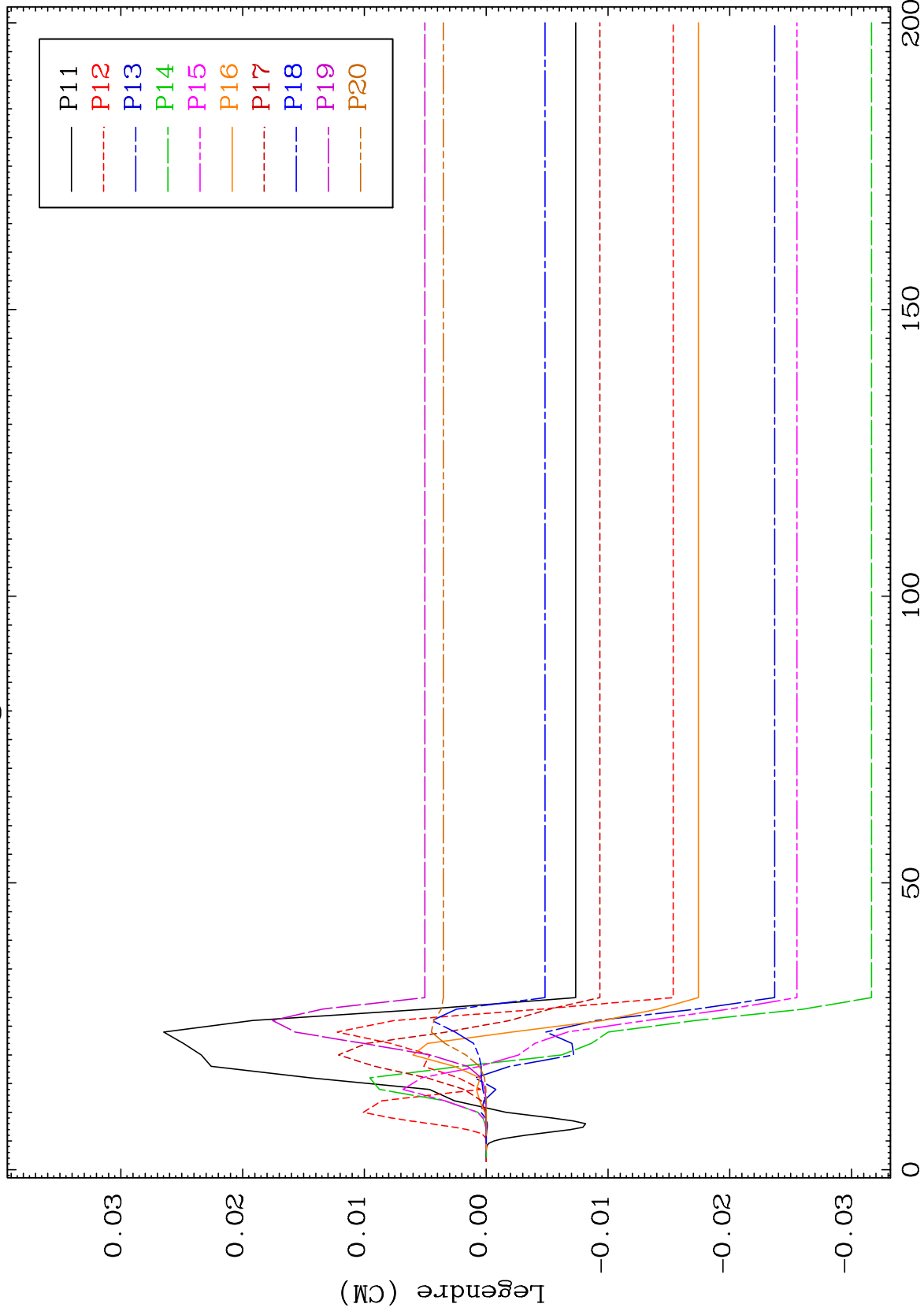
Incident Energy (MeV)

32

MAT 8777

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

88-Ra-207



33

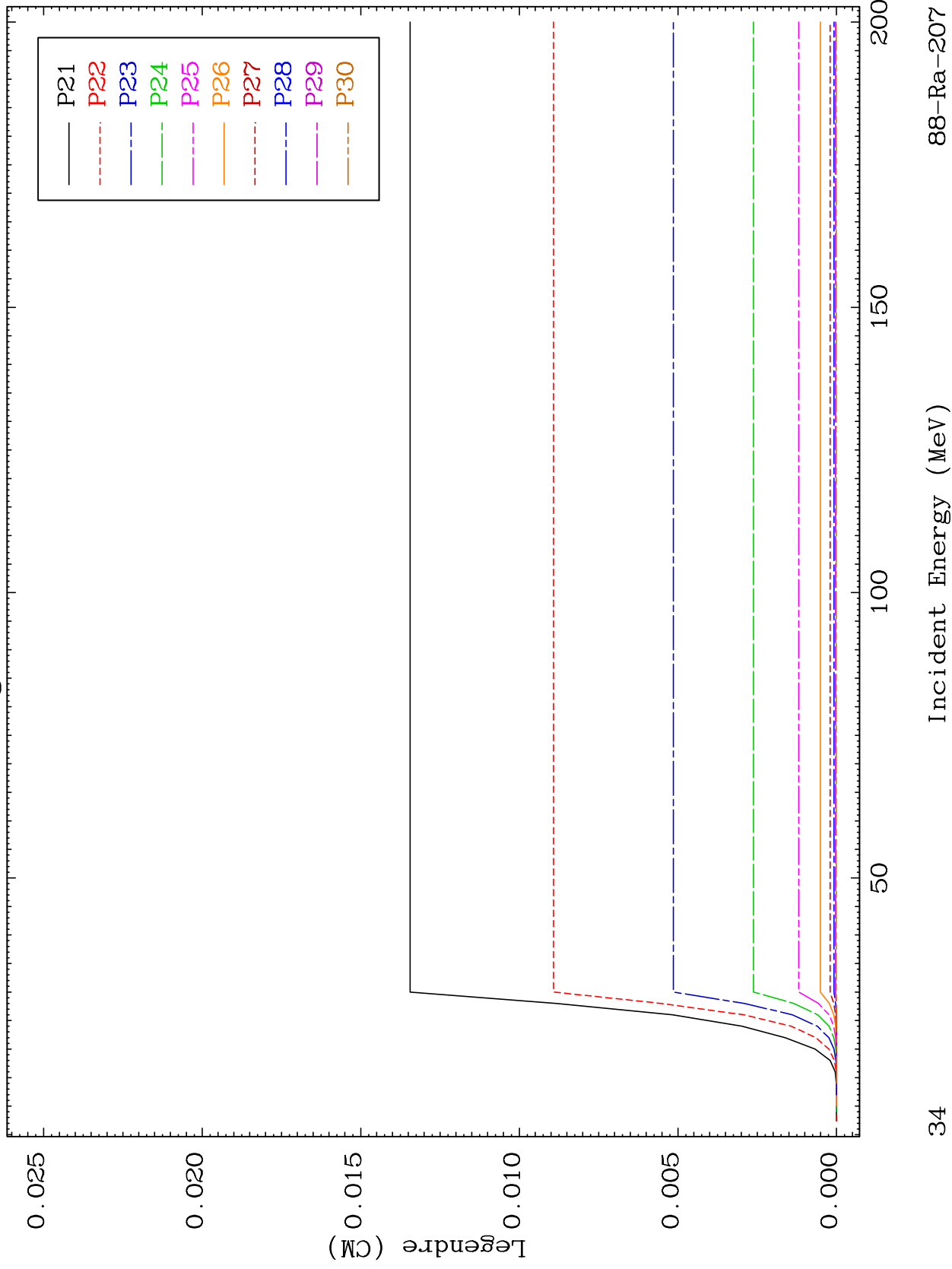
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



34

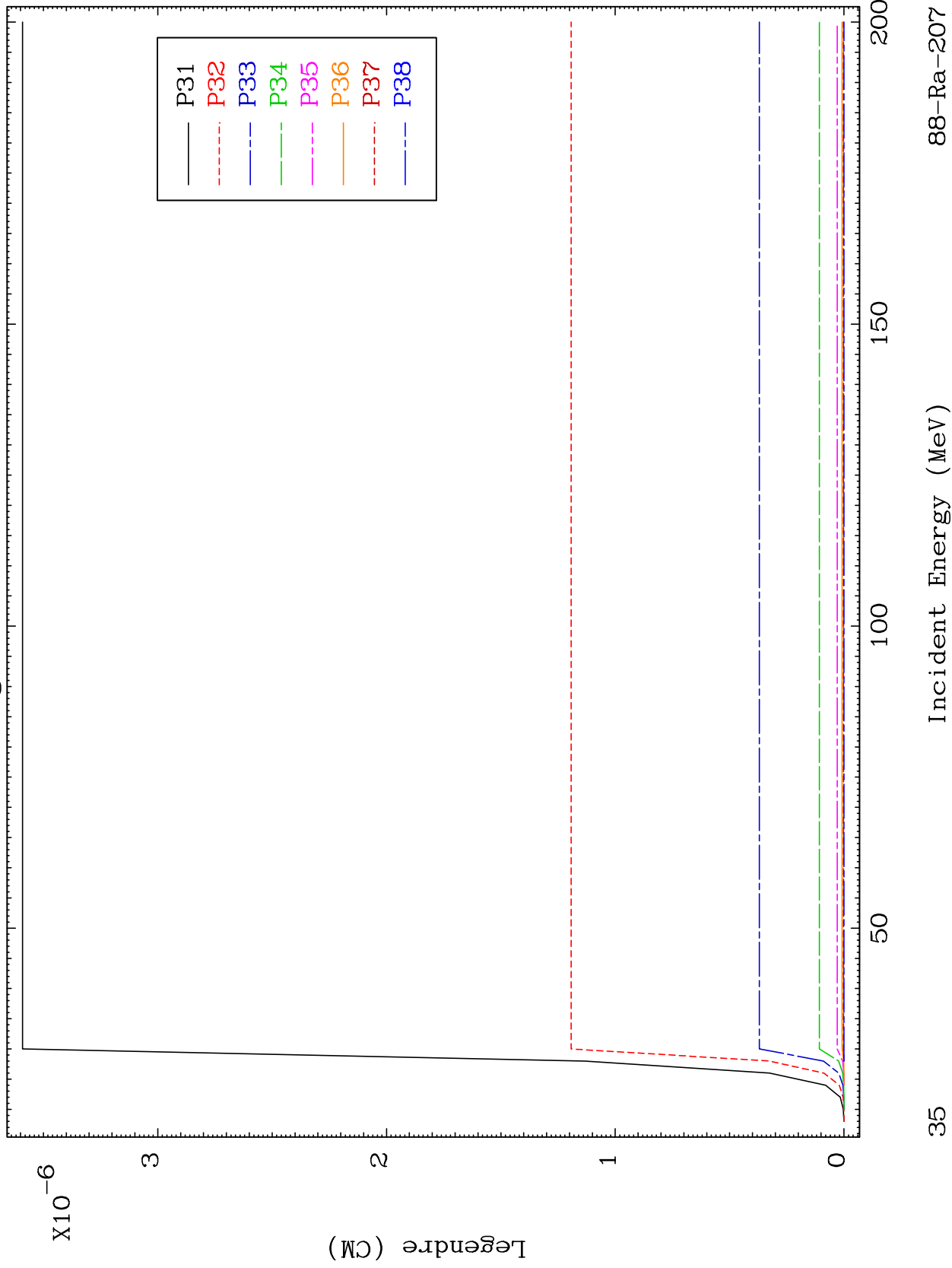
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

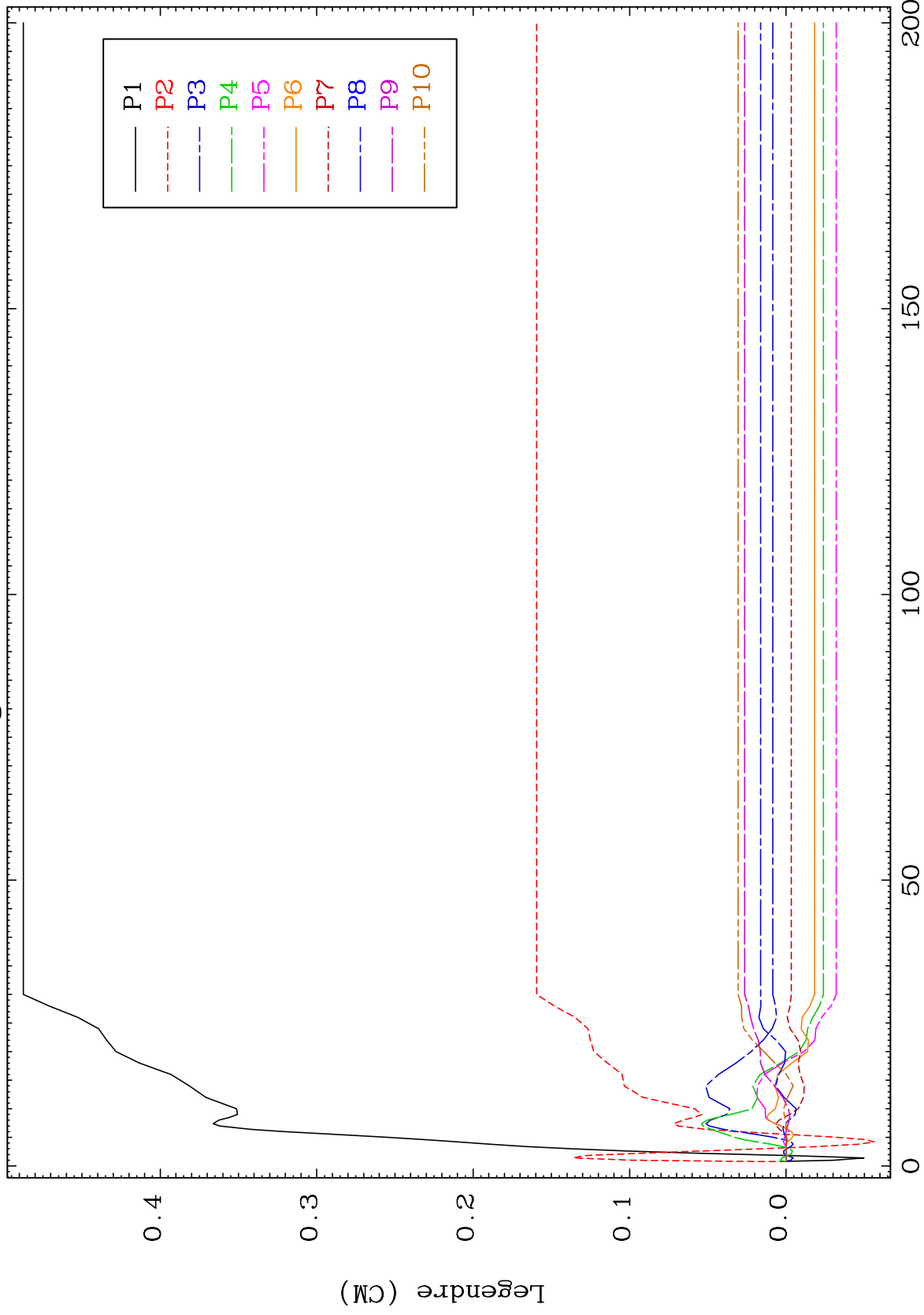
Incident Energy (MeV)

35

MAT 8777

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

88-Ra-207



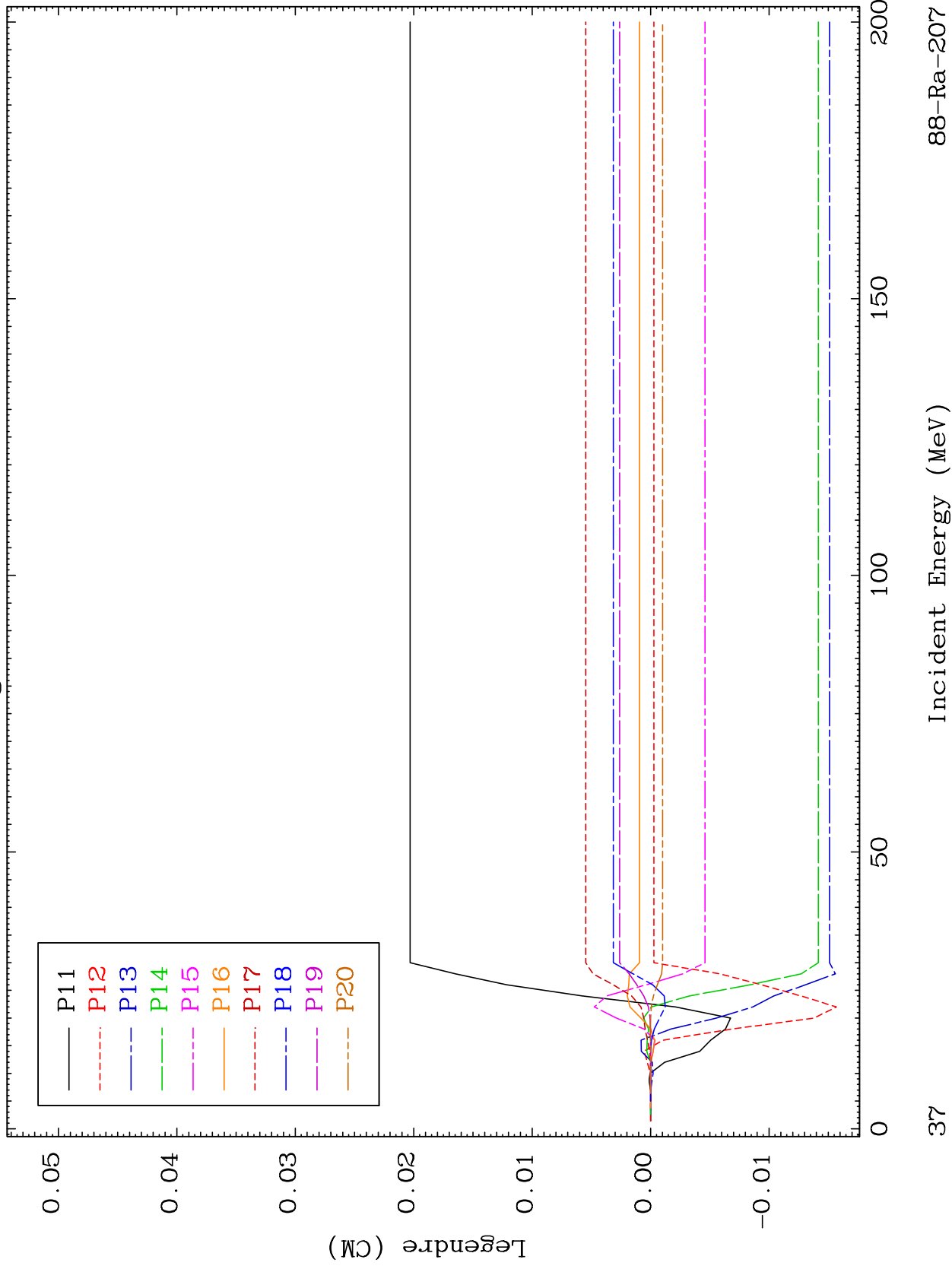
36

88-Ra-207

MAT 8777

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

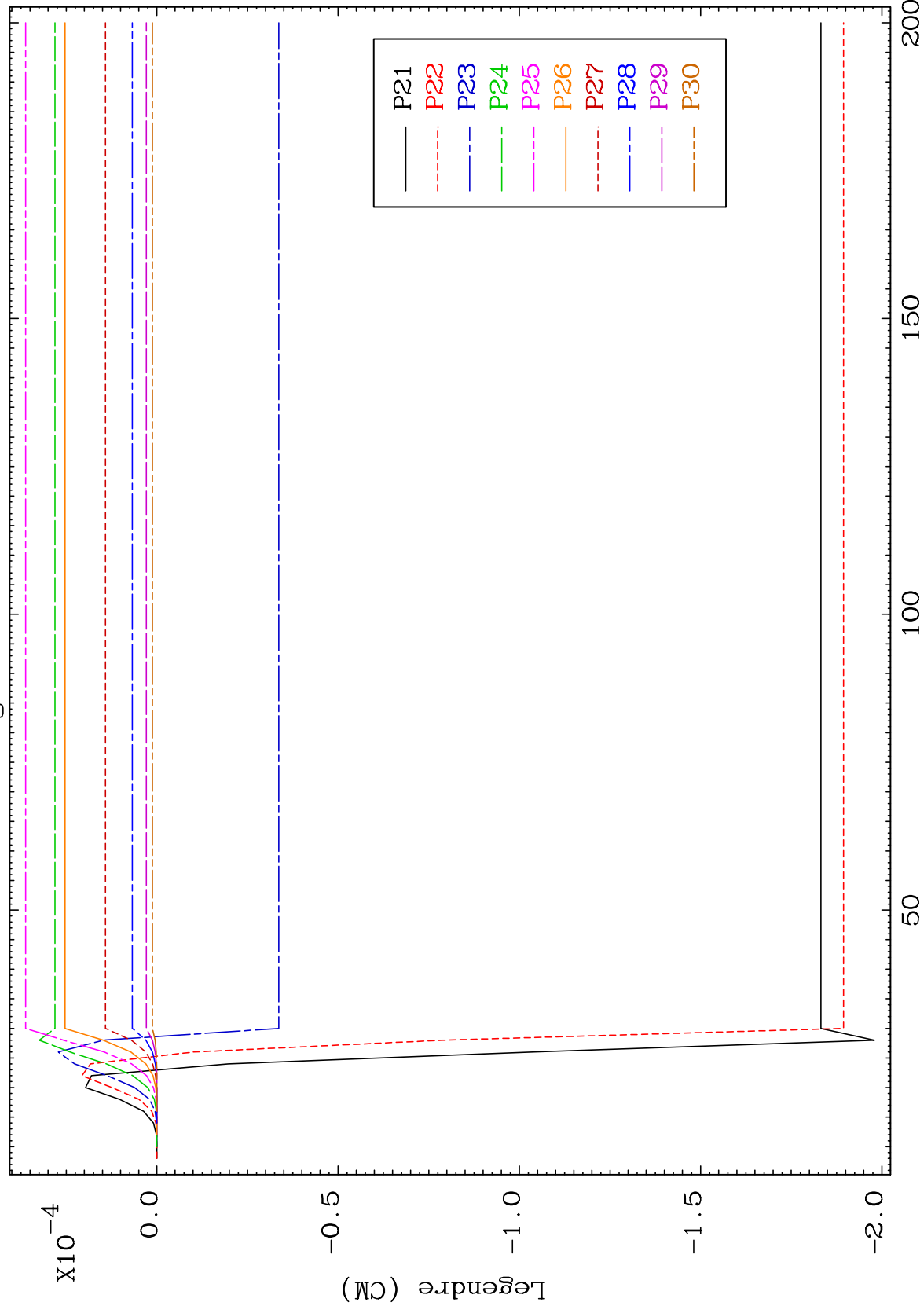
88-Ra-207



37

Incident Energy (MeV)

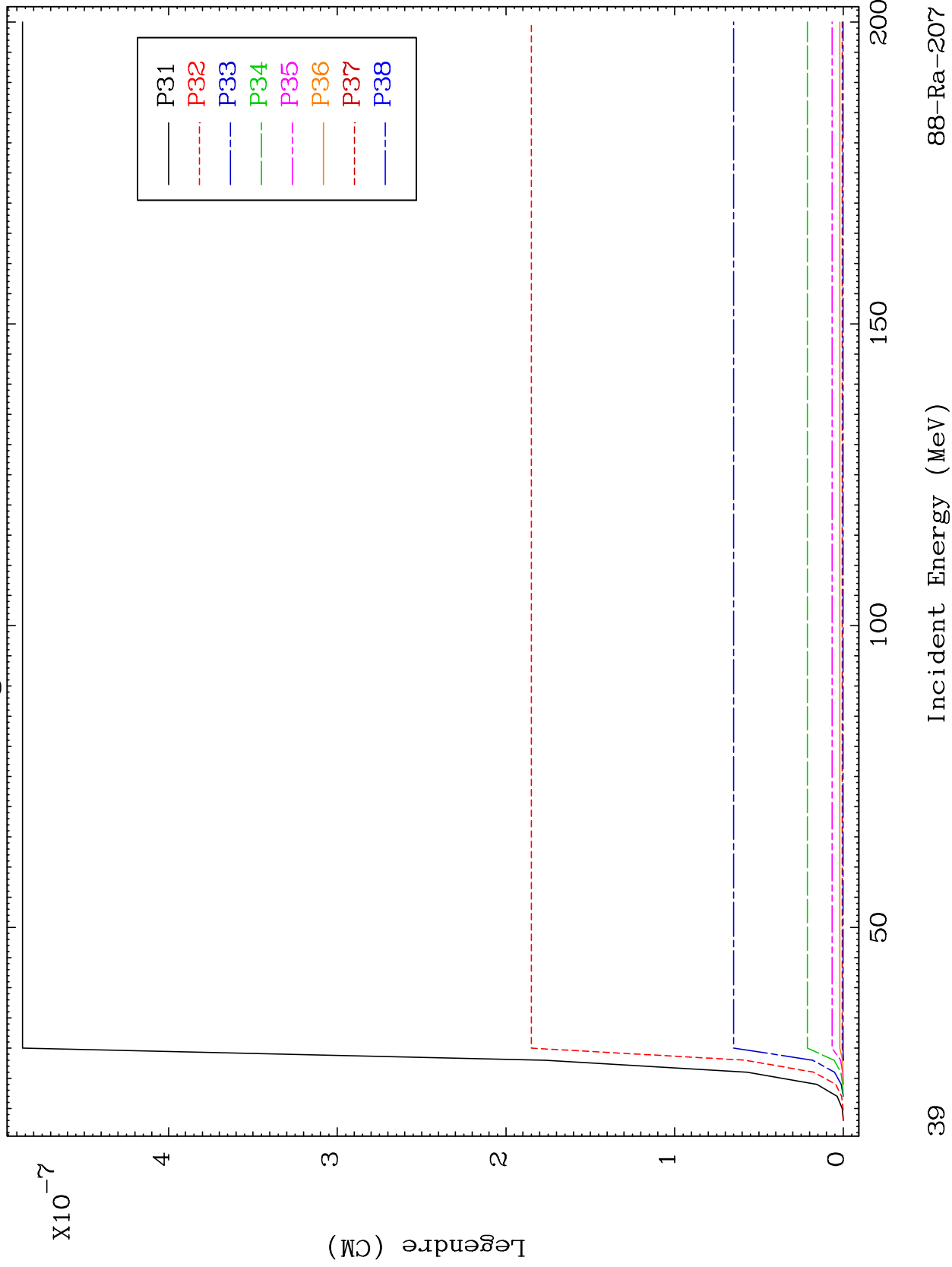
88-Ra-207



MAT 8777

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

88-Ra-207



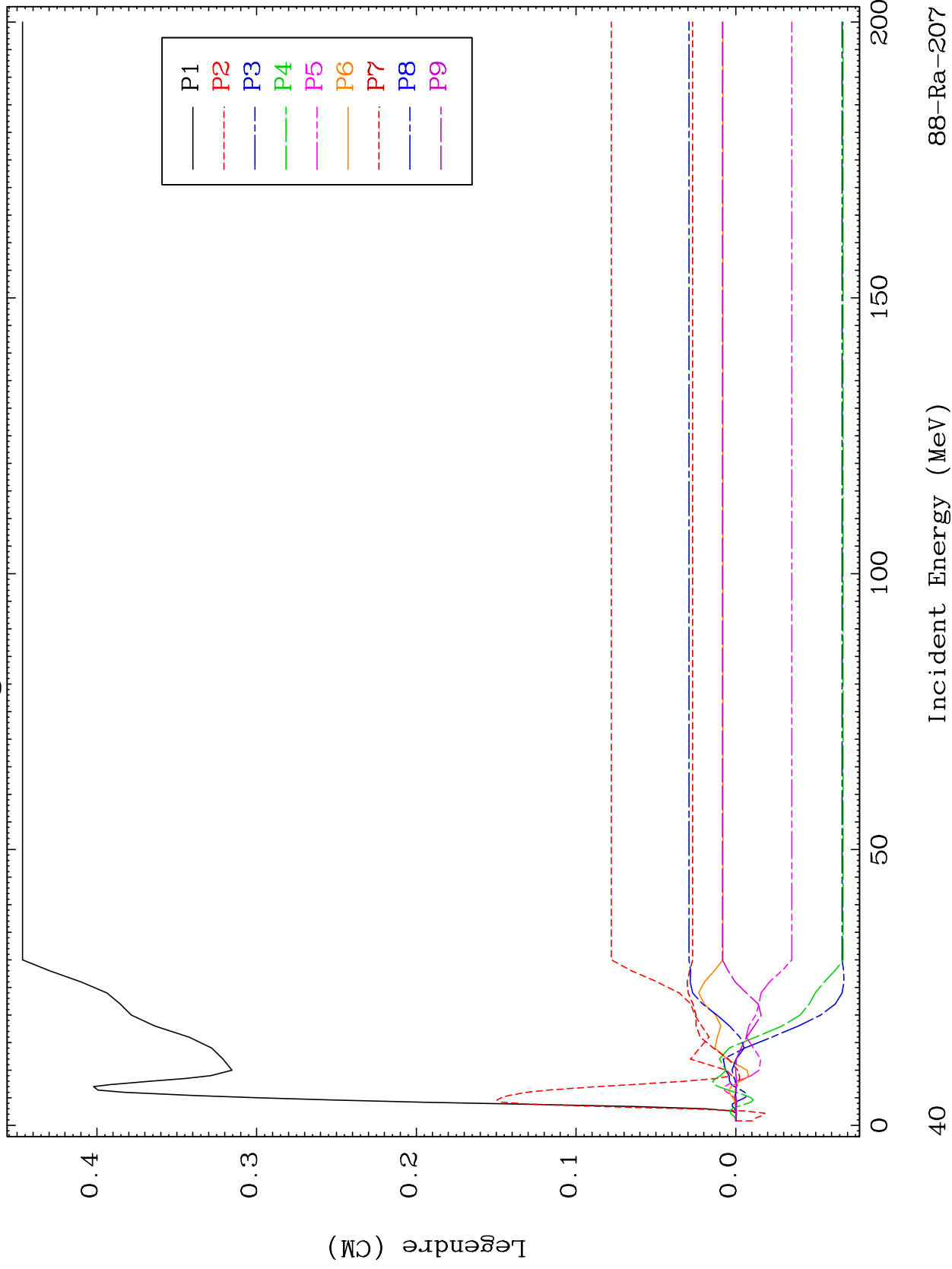
39

88-Ra-207

MAT 8777

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

88-Ra-207



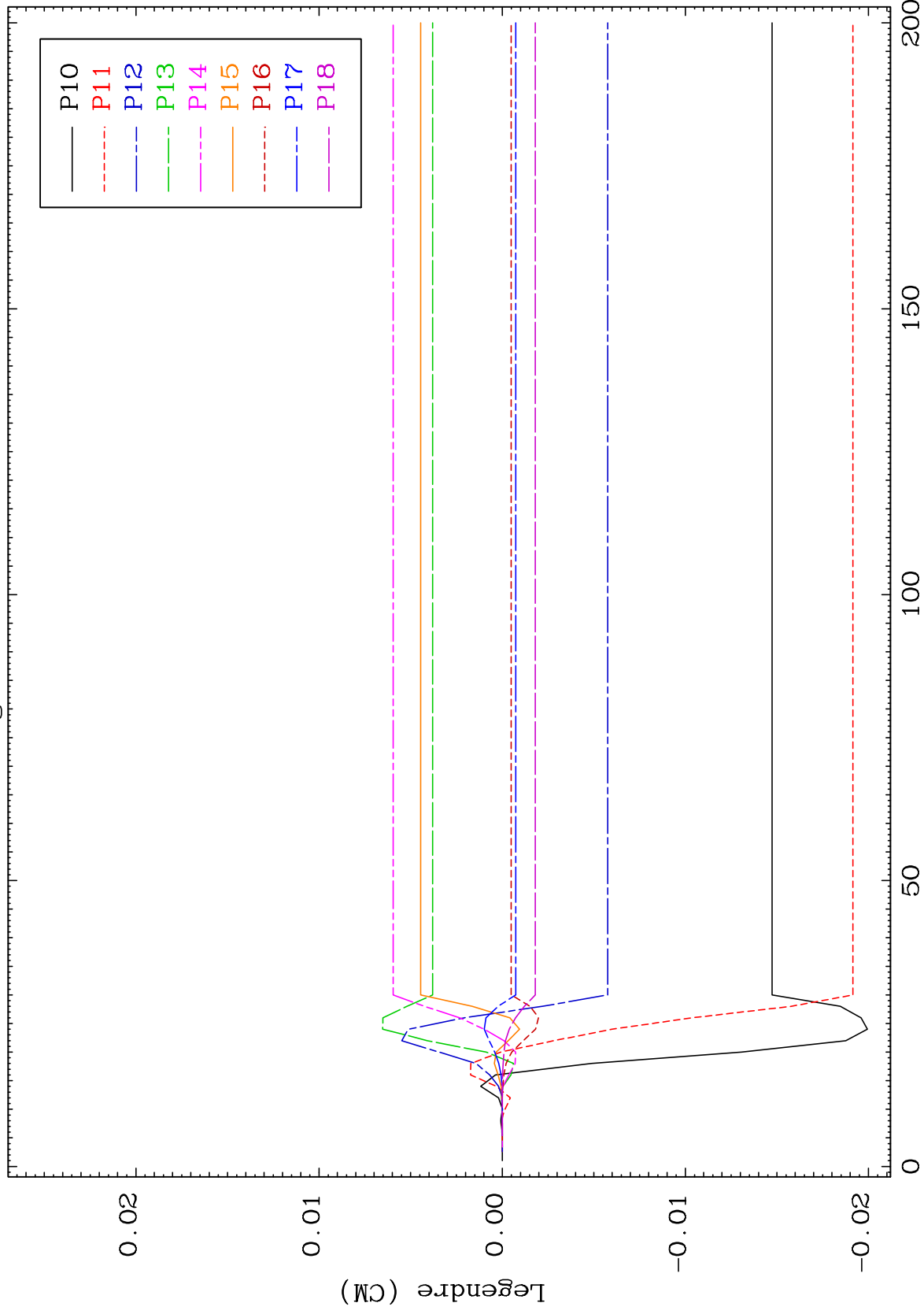
88-Ra-207

Incident Energy (MeV)

MAT 8777

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

88-Ra-207



41

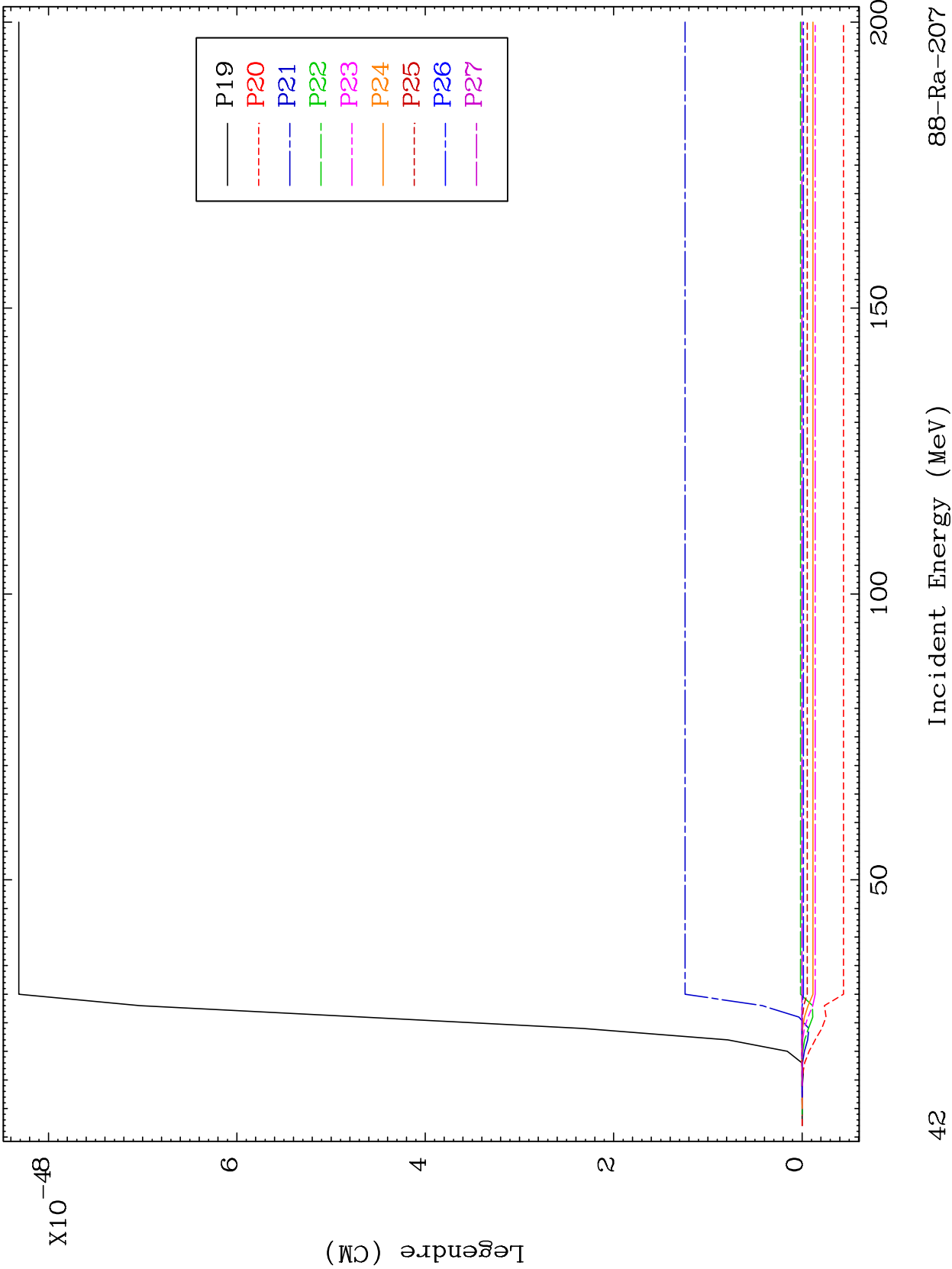
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



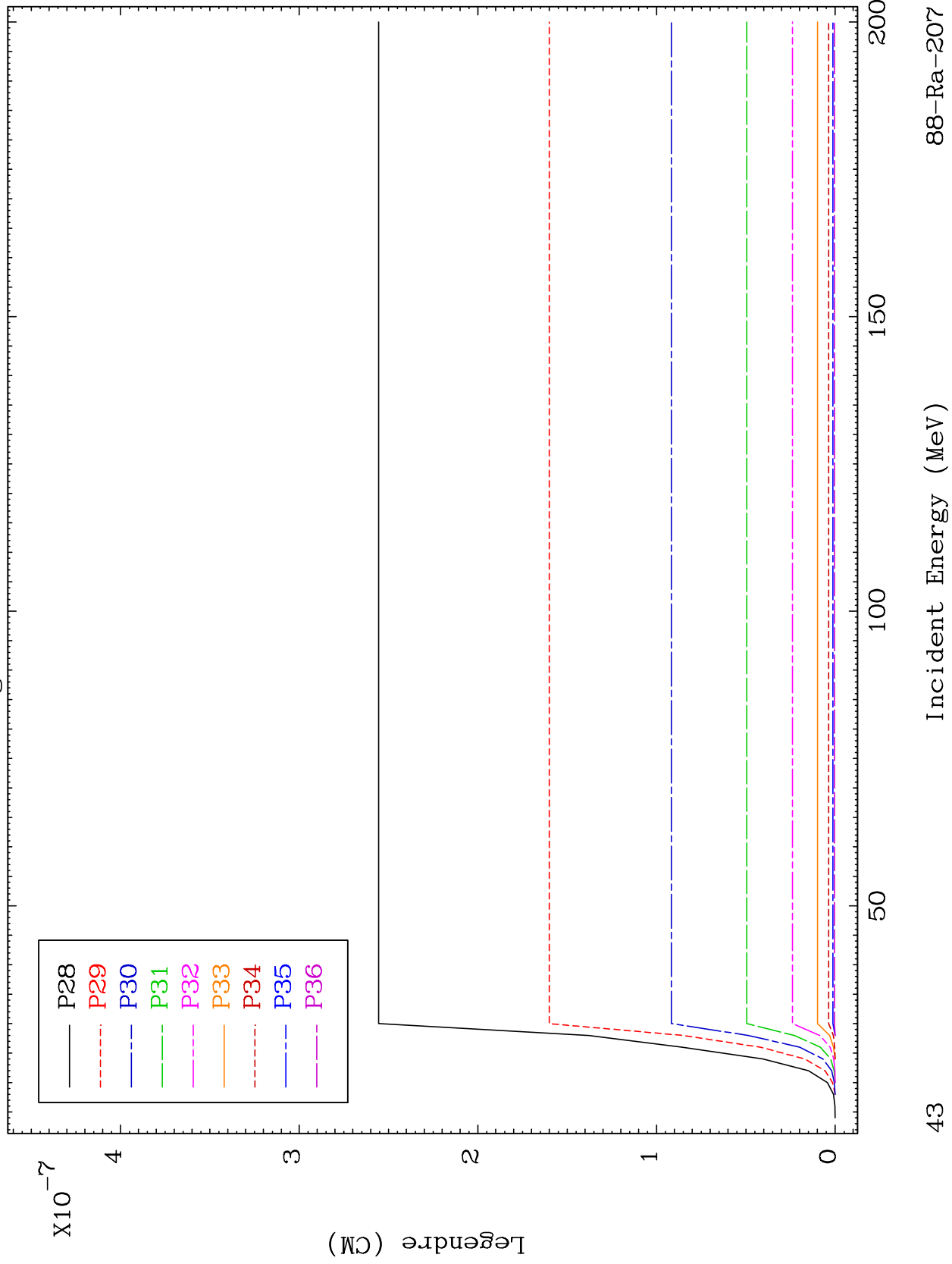
42

88-Ra-207

MAT 8777

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

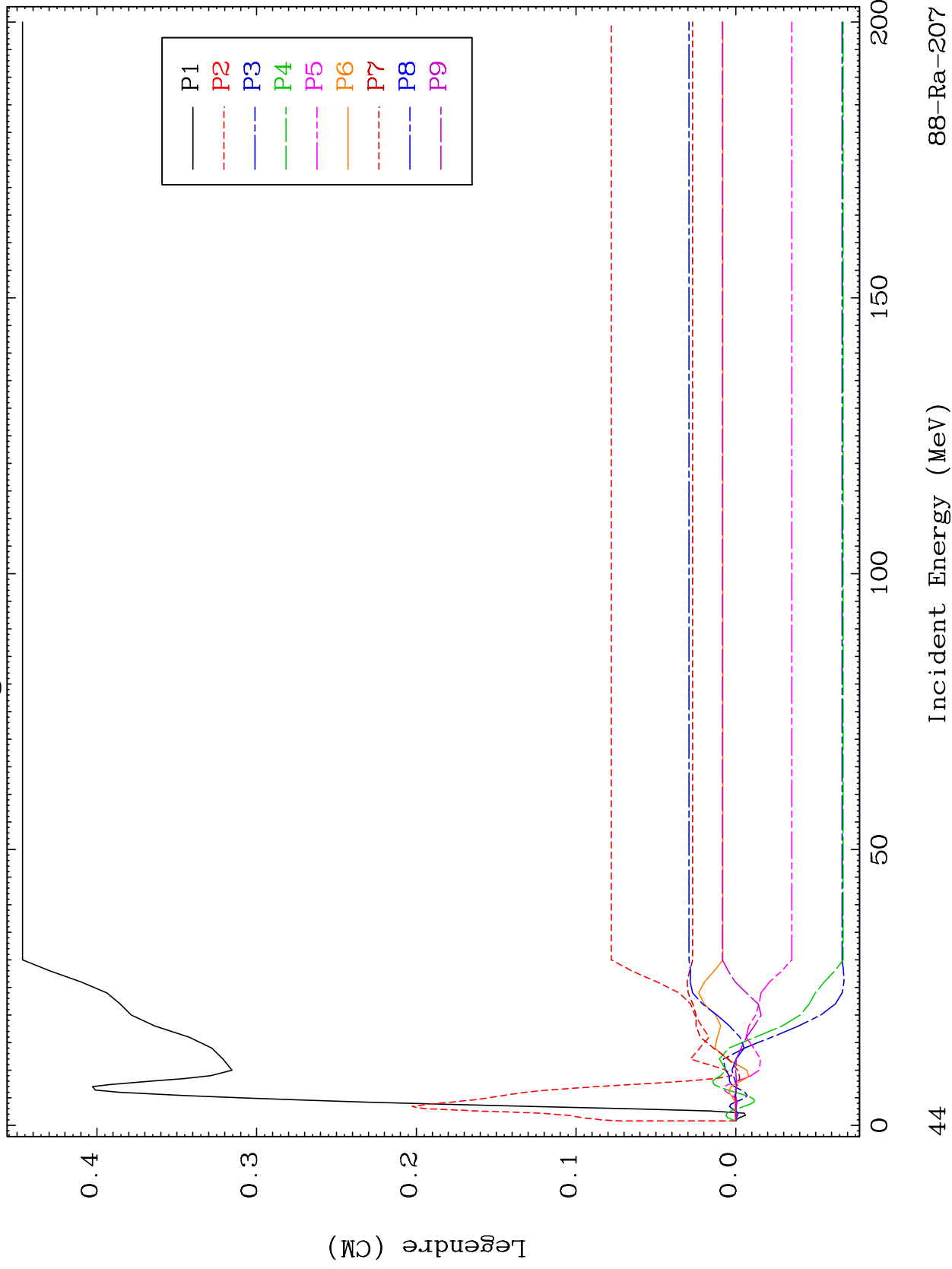
88-Ra-207



MAT 8777

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

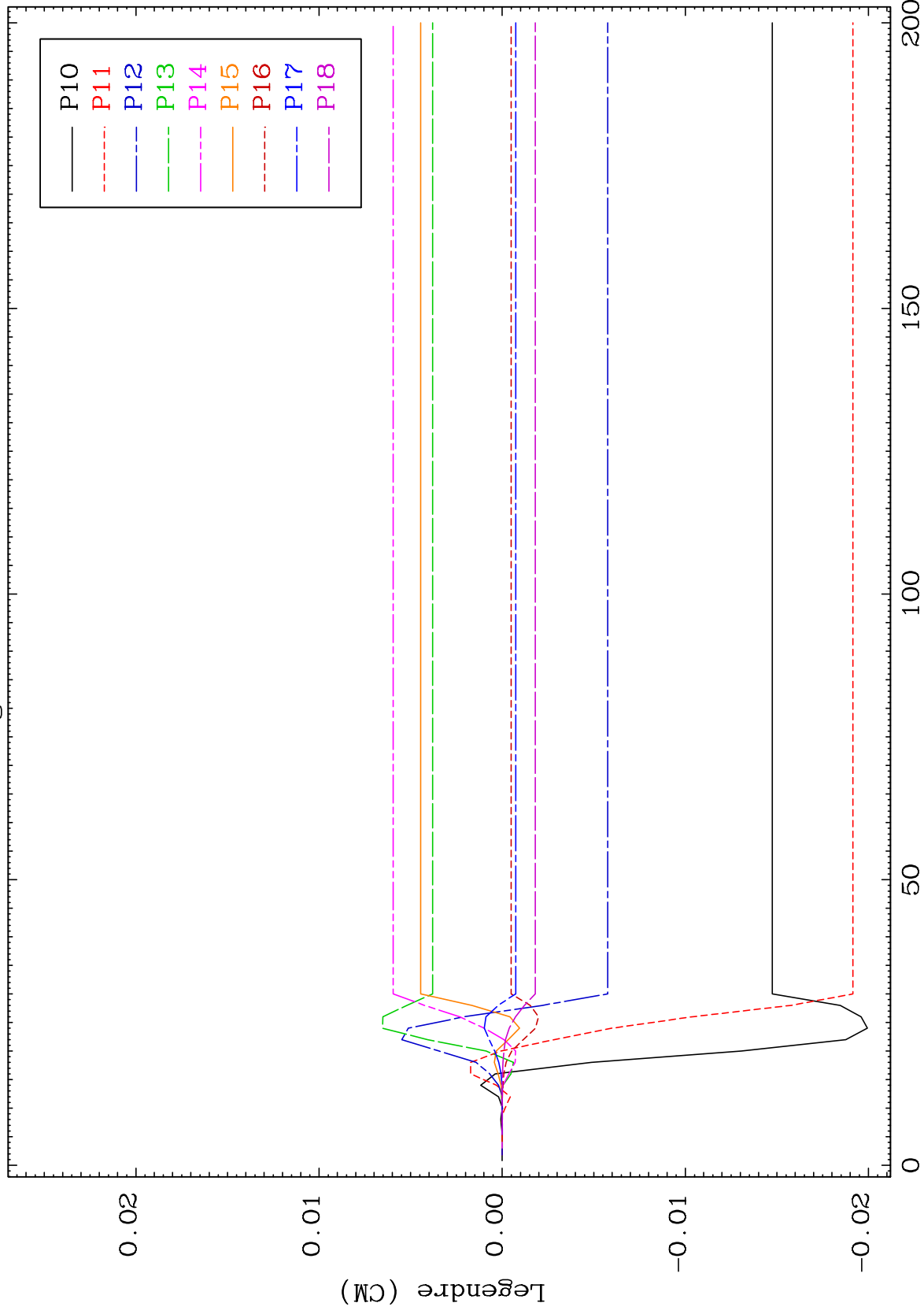
88-Ra-207



MAT 8777

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

88-Ra-207



45

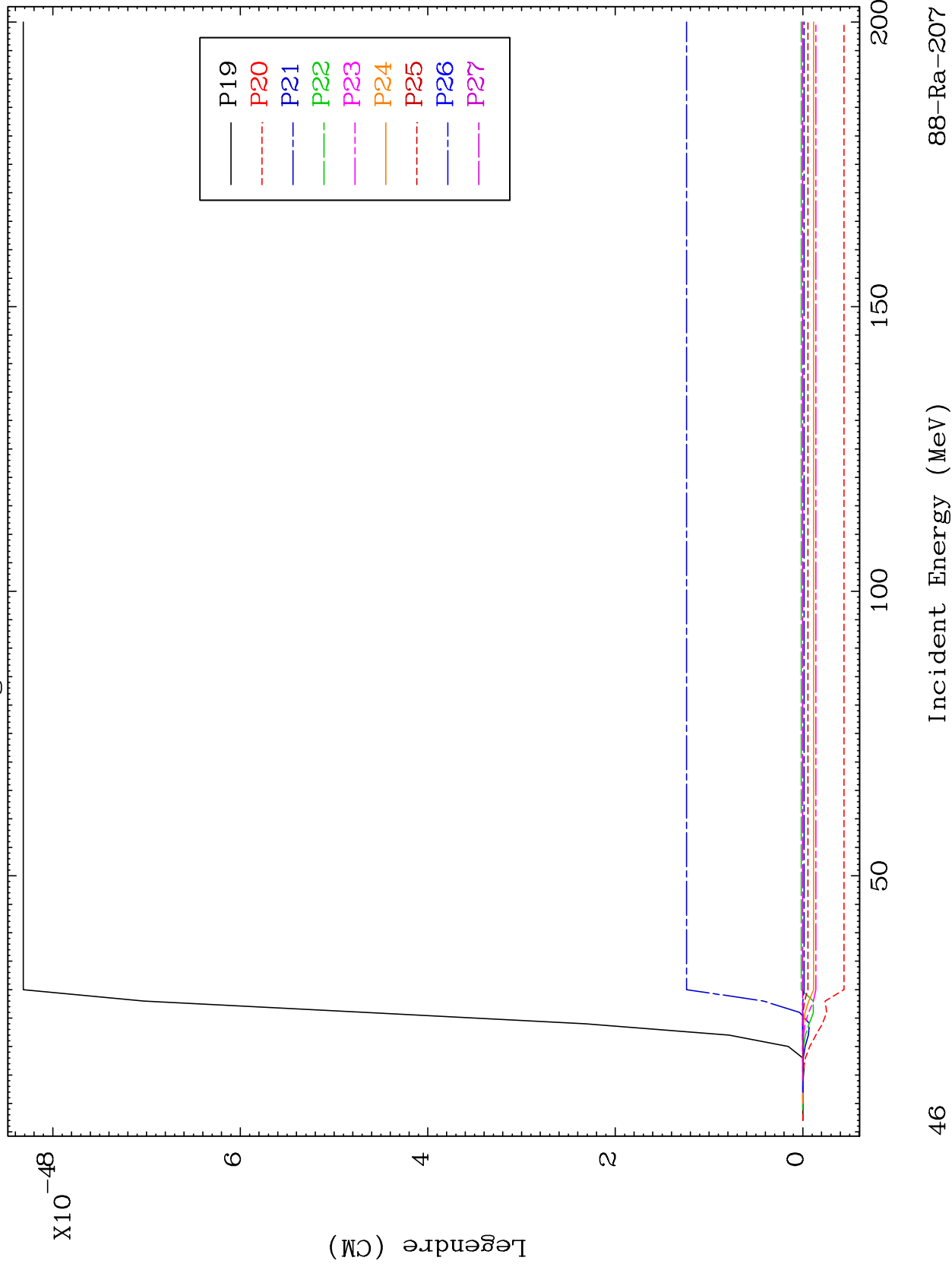
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



46

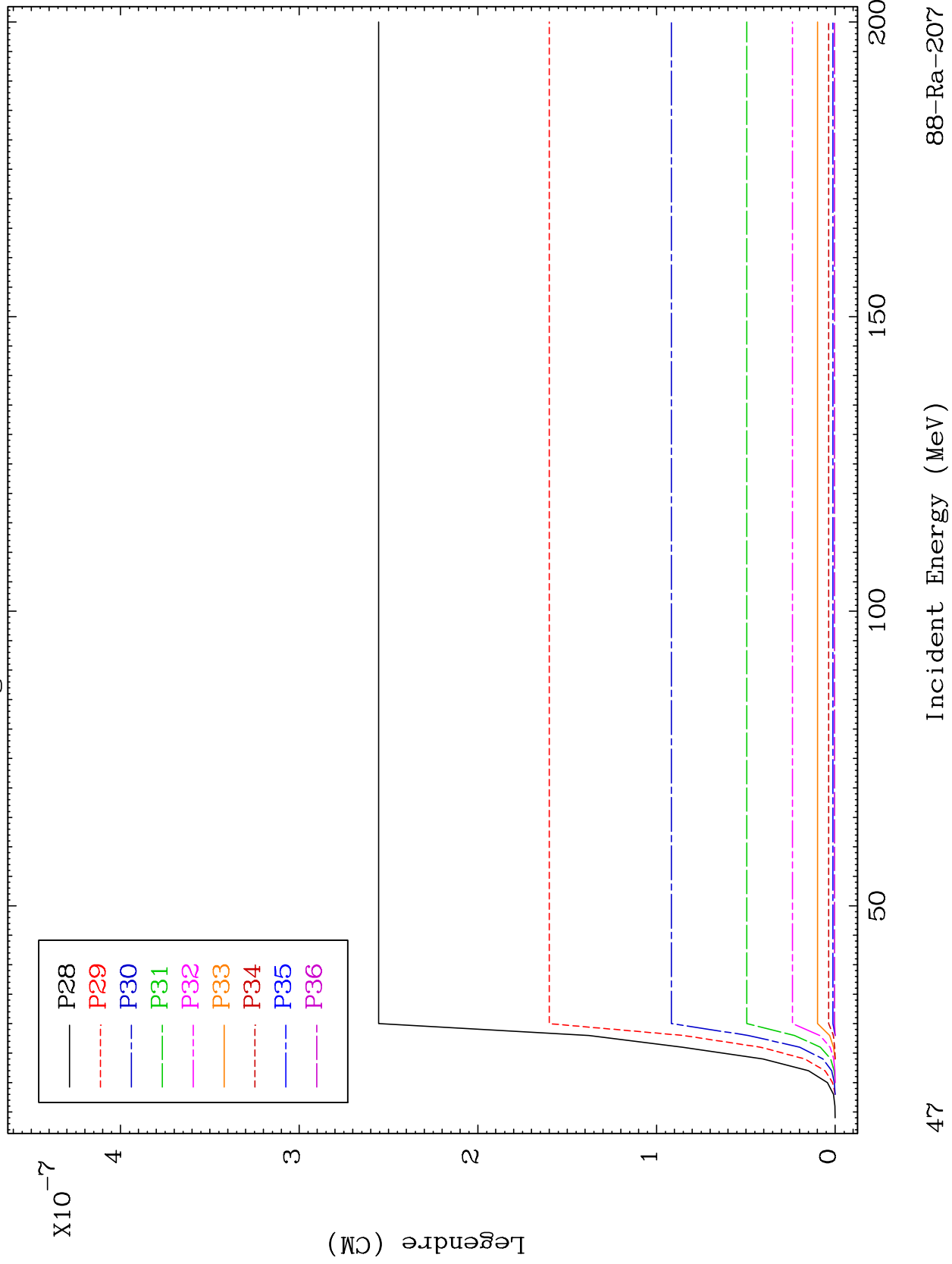
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



47

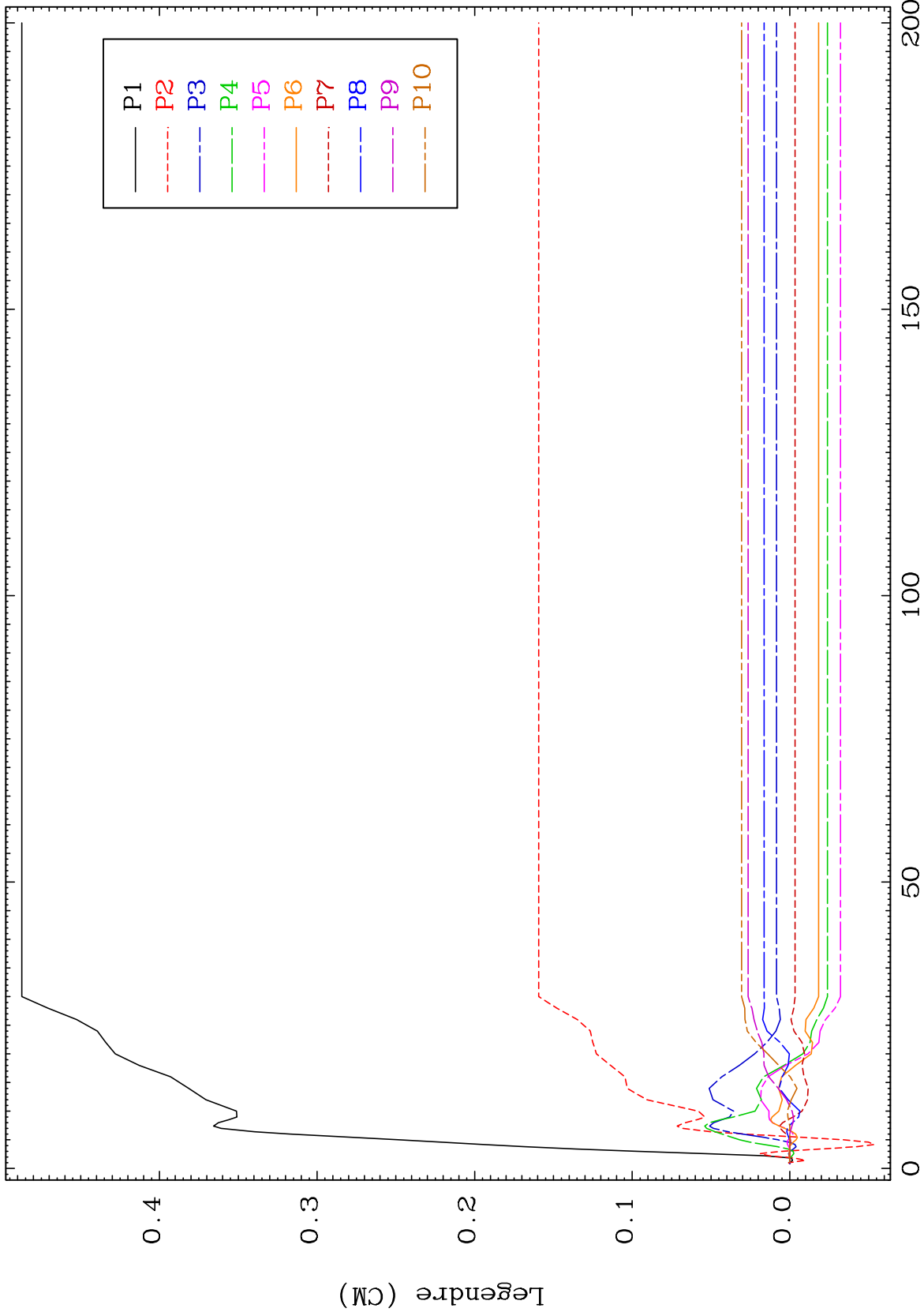
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

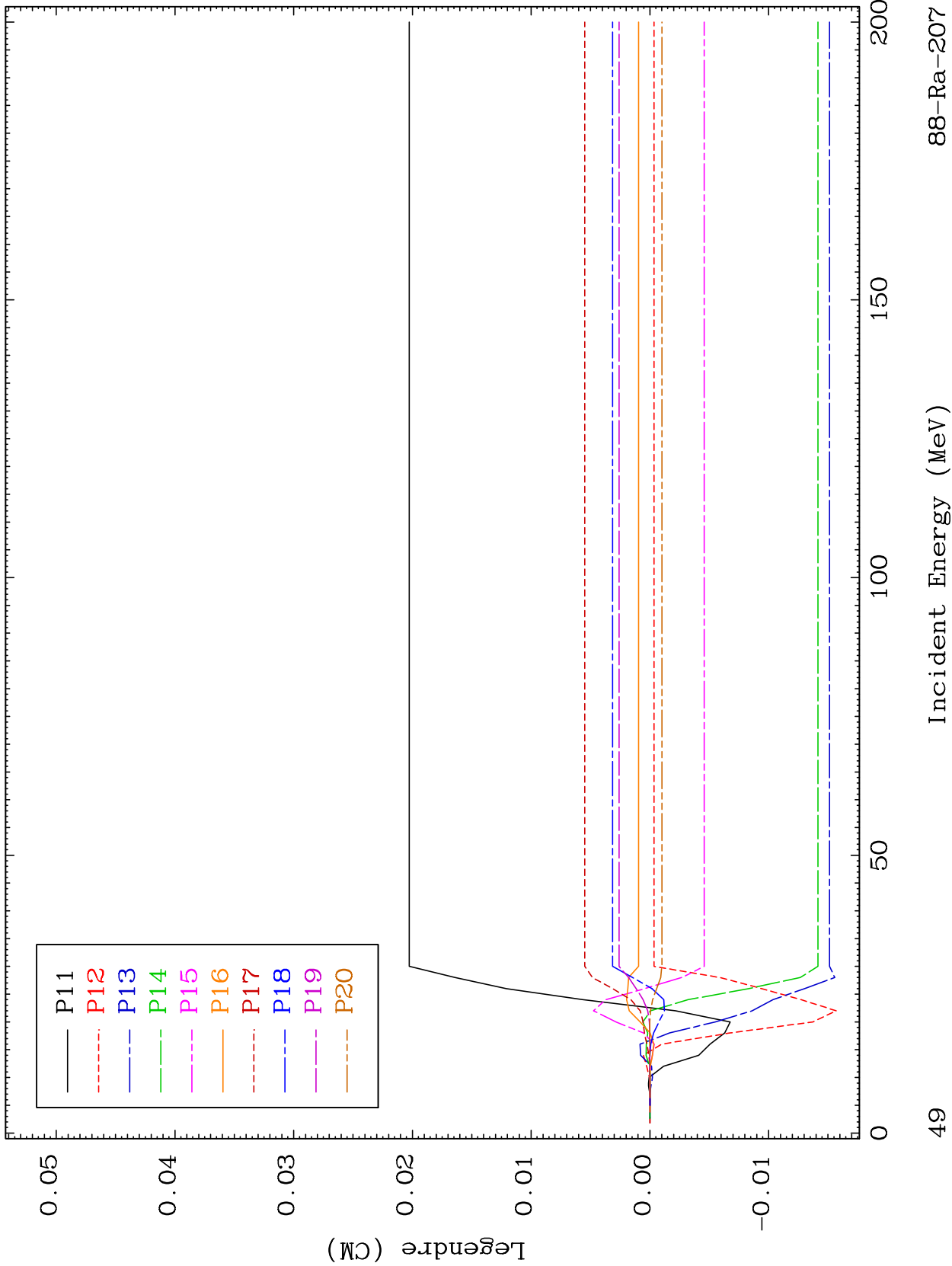
Incident Energy (MeV)

48

MAT 8777

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

88-Ra-207



49

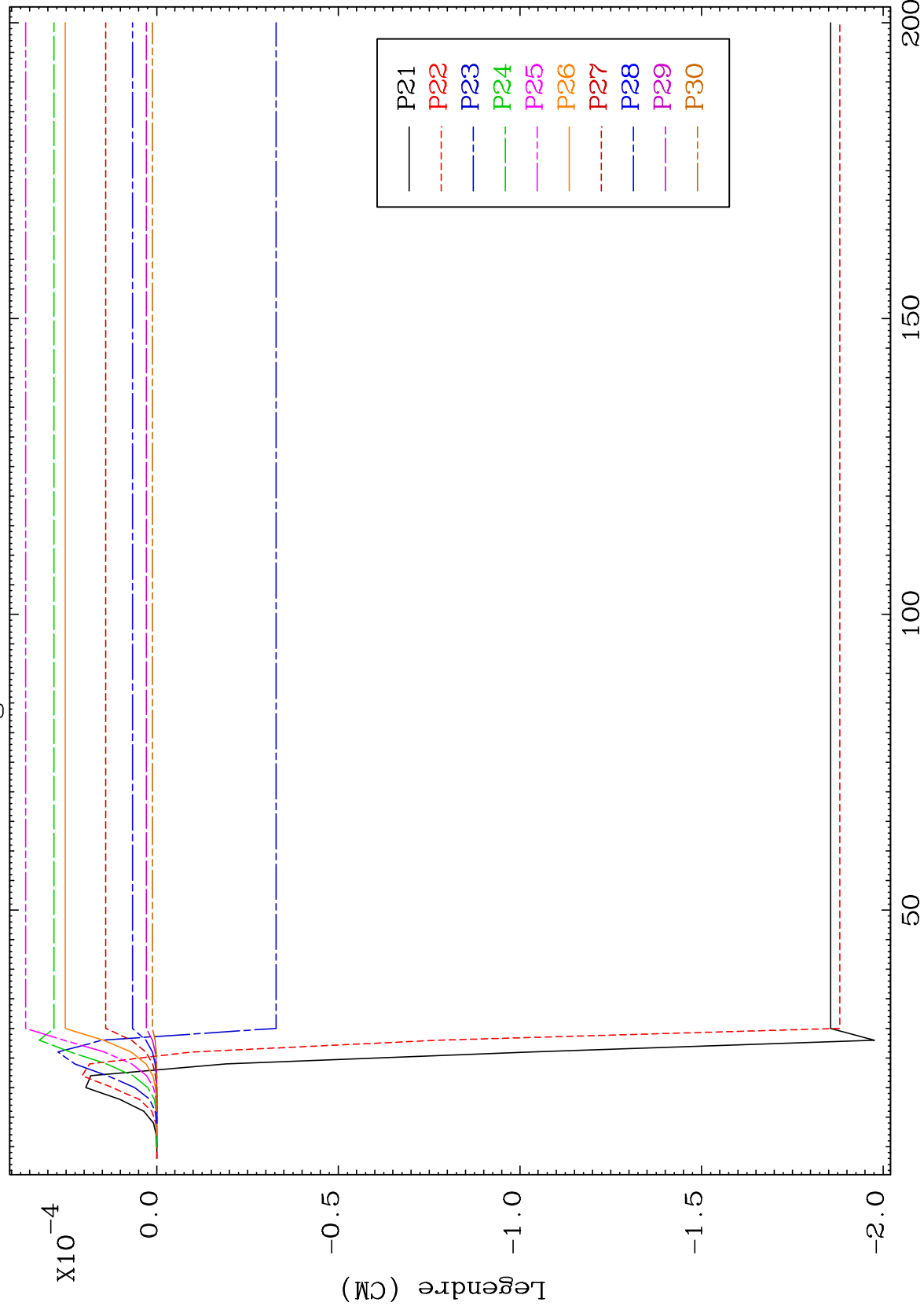
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

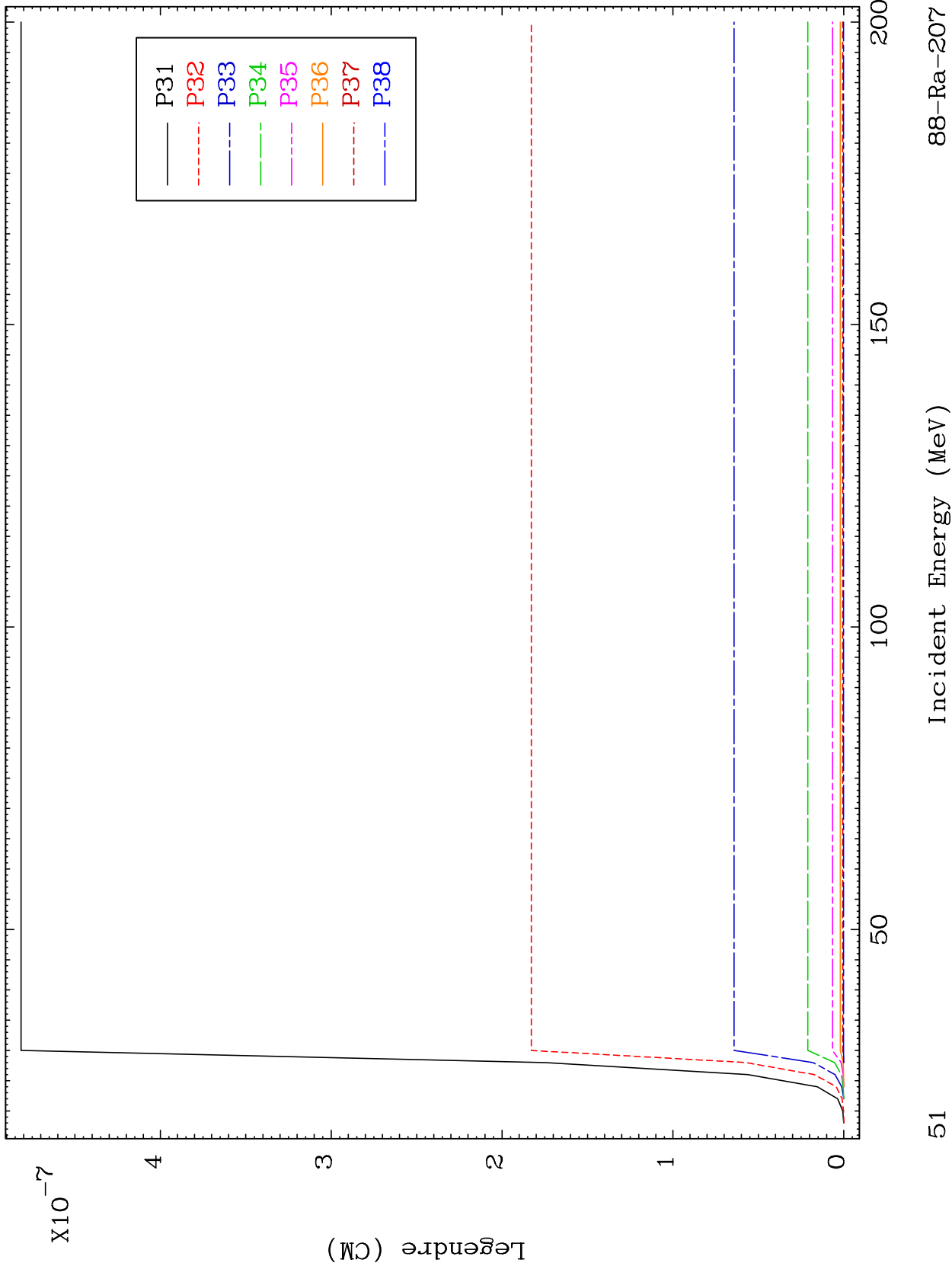
88-Ra-207



50

Incident Energy (MeV)

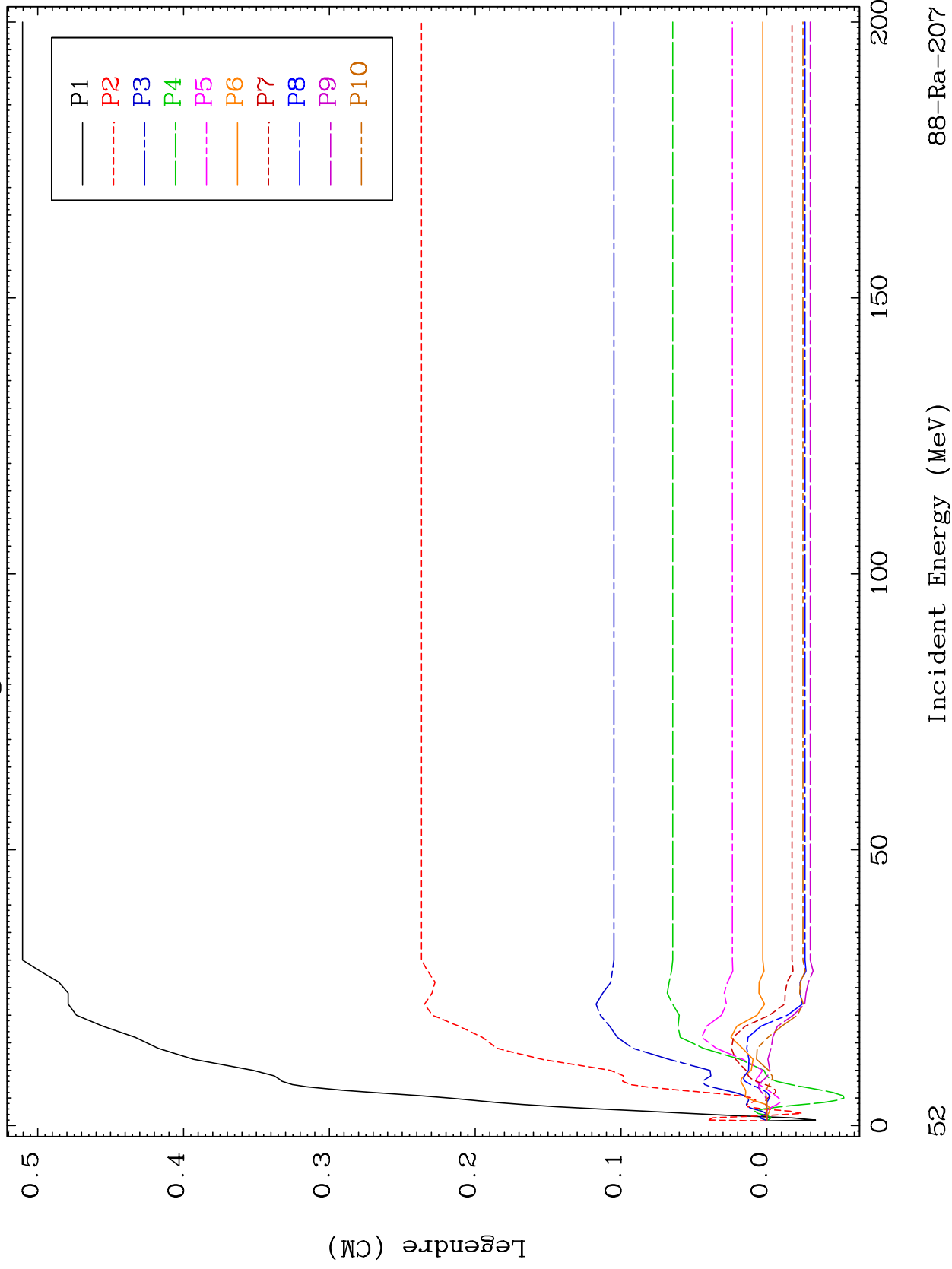
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

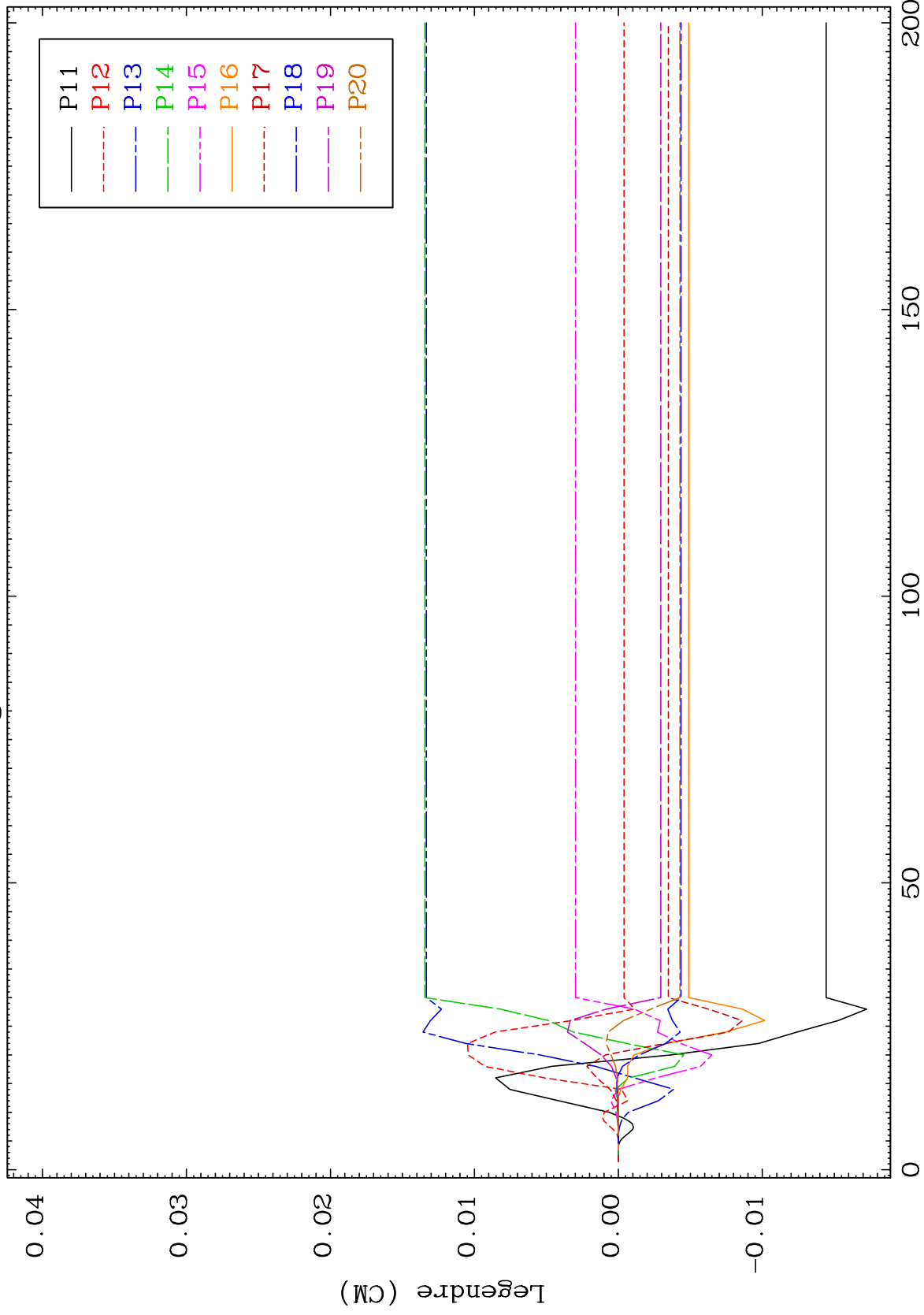
Incident Energy (MeV)

52

MAT 8777

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

88-Ra-207



53

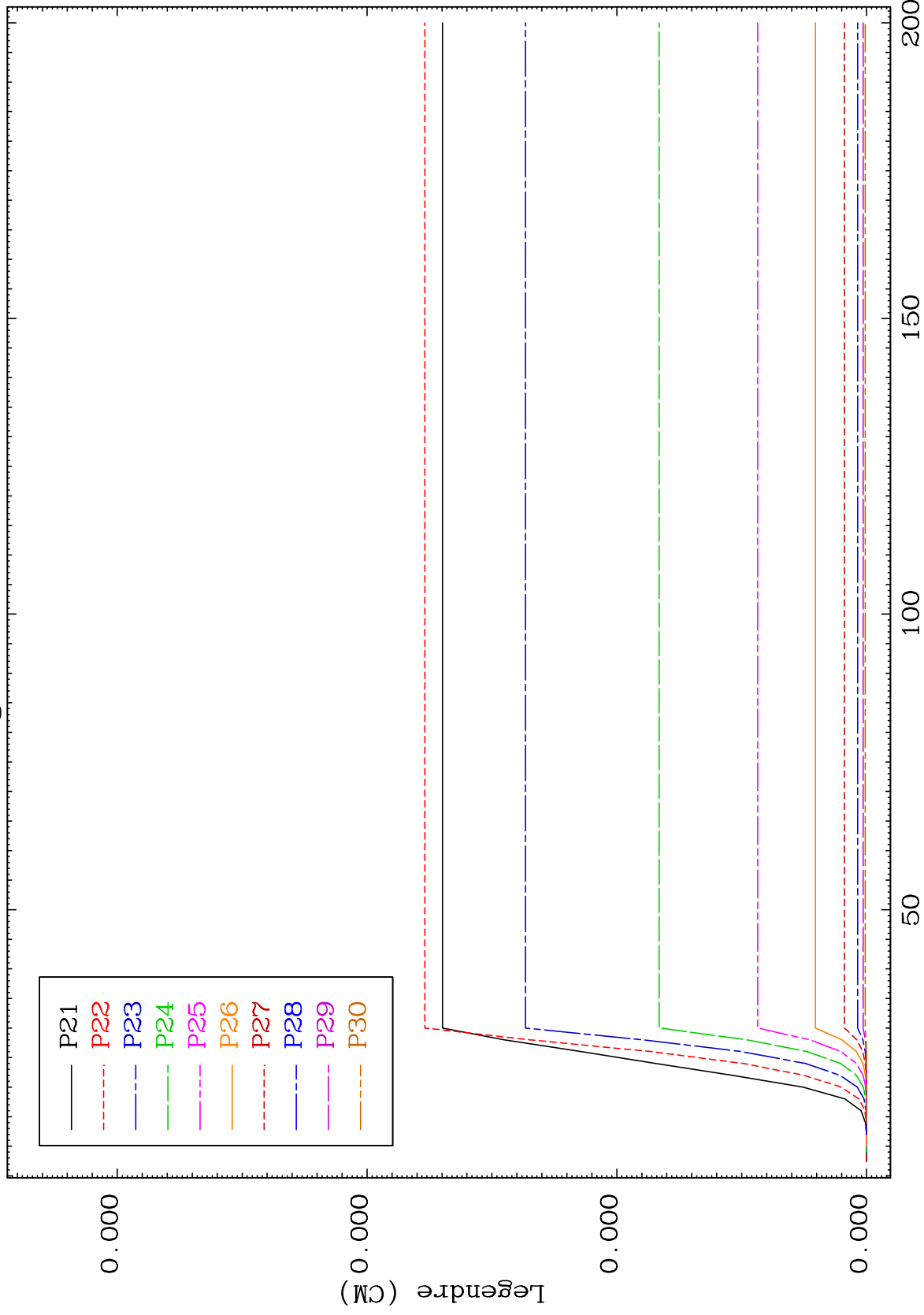
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



54

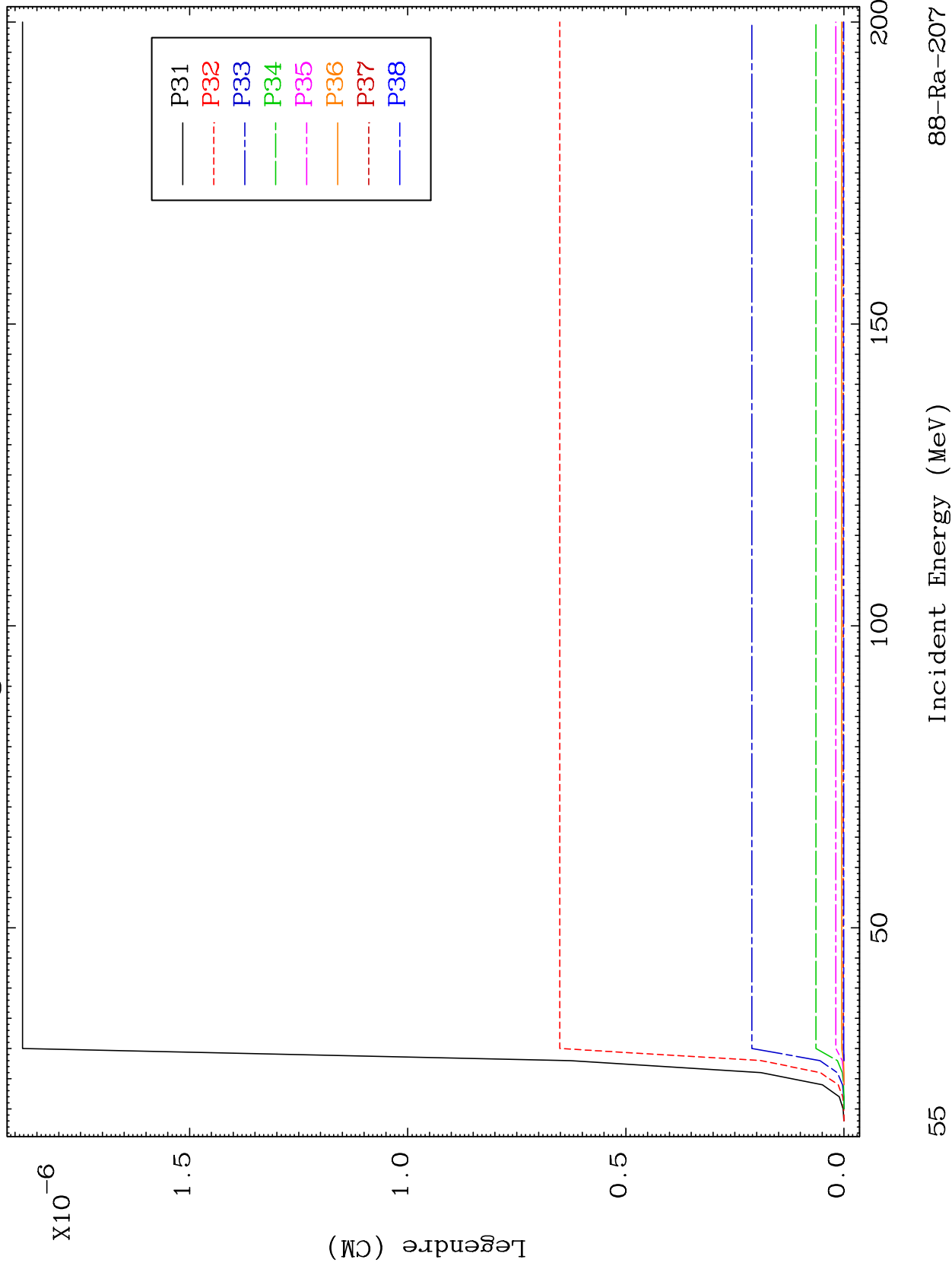
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

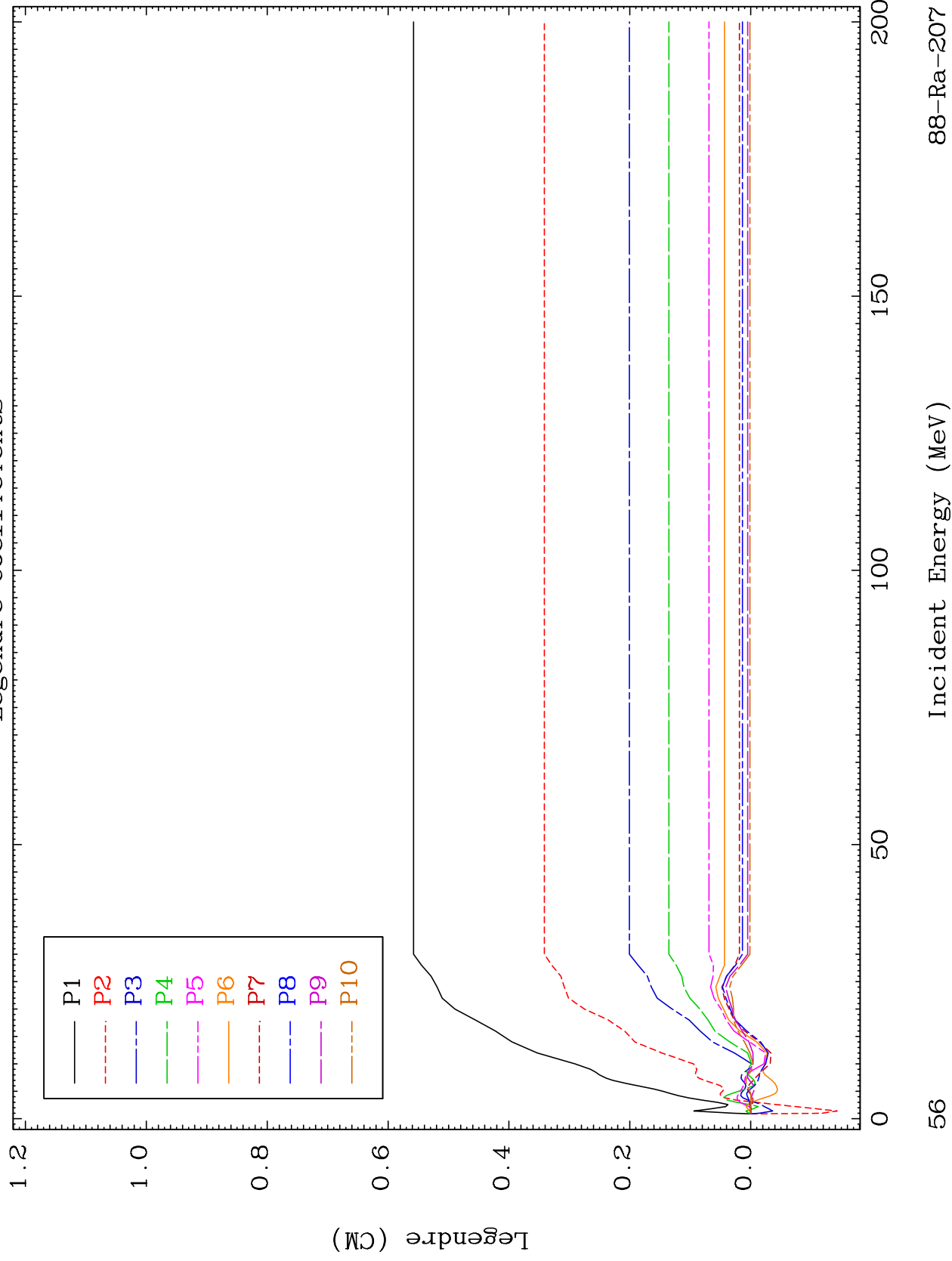
88-Ra-207



MAT 8777

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

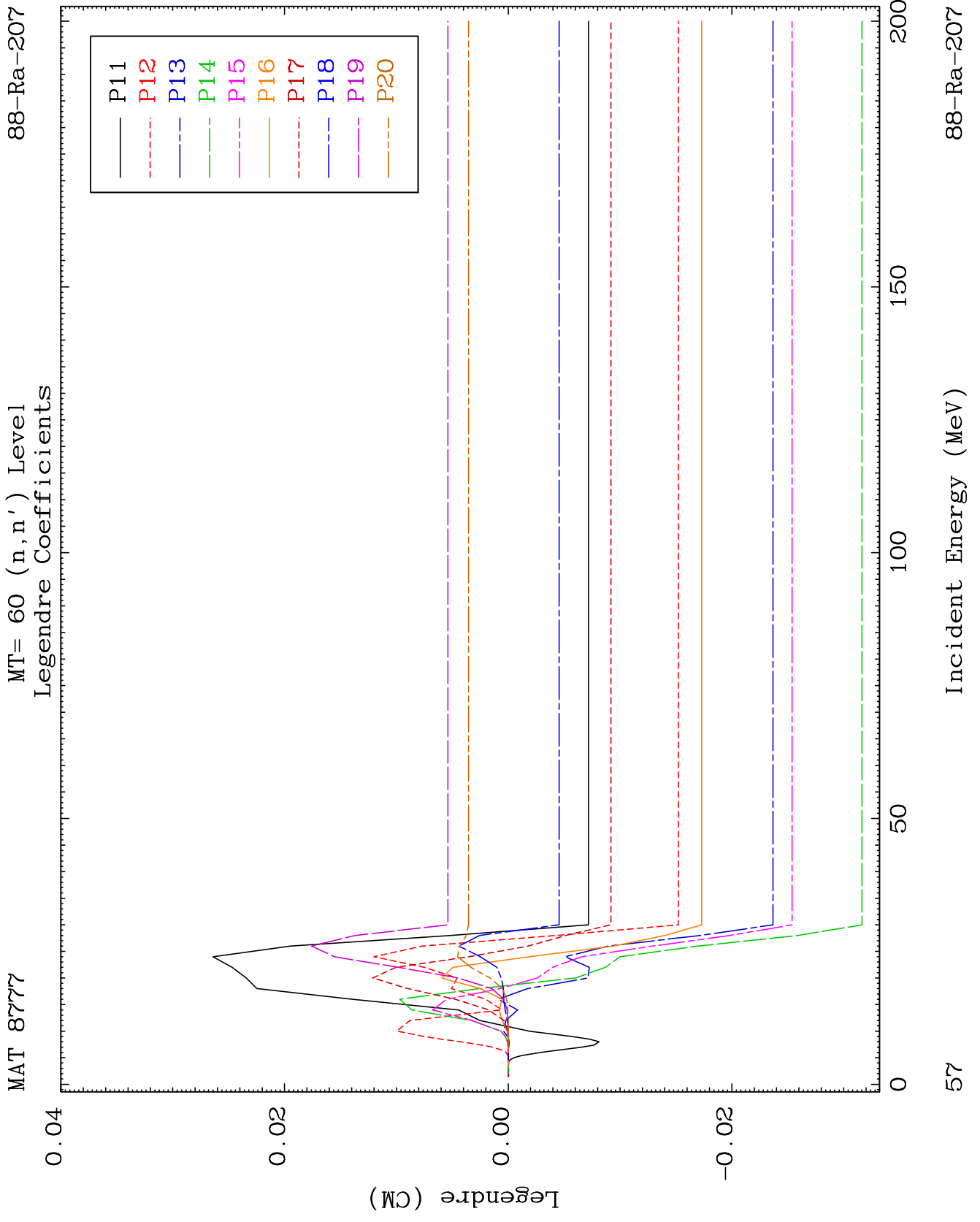
88-Ra-207



56

Incident Energy (MeV)

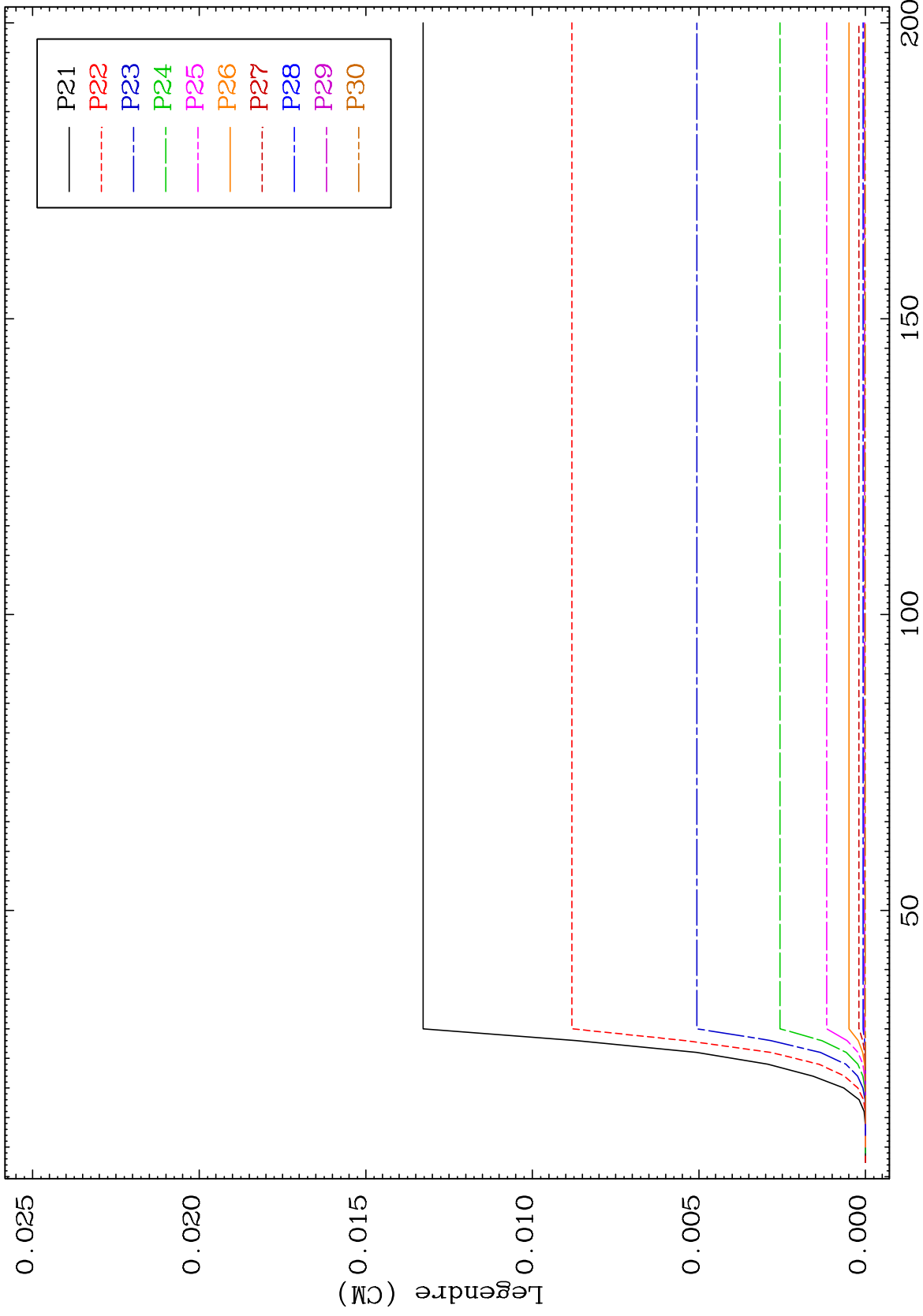
88-Ra-207



MAT 8777

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

88-Ra-207



58

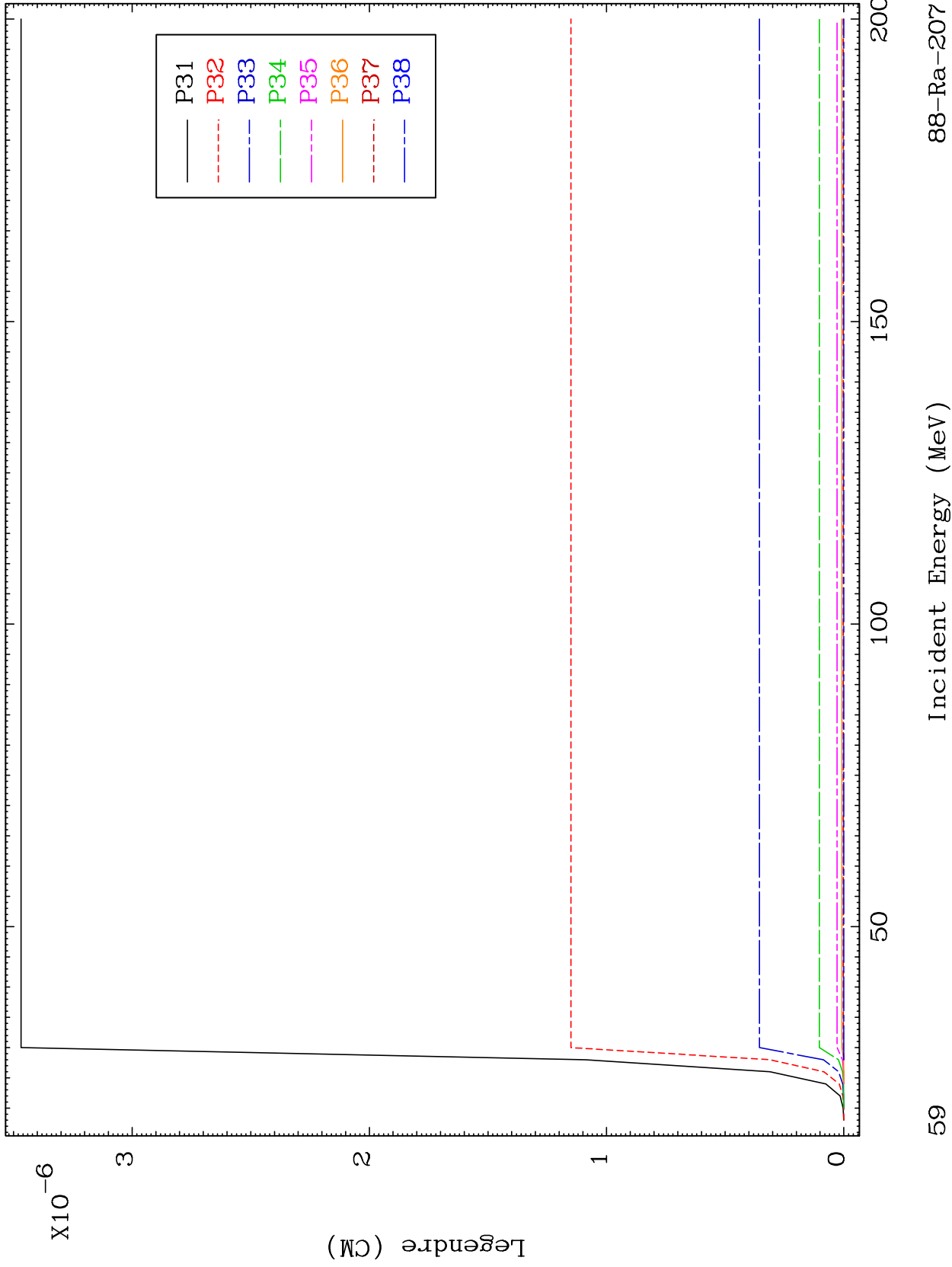
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



59

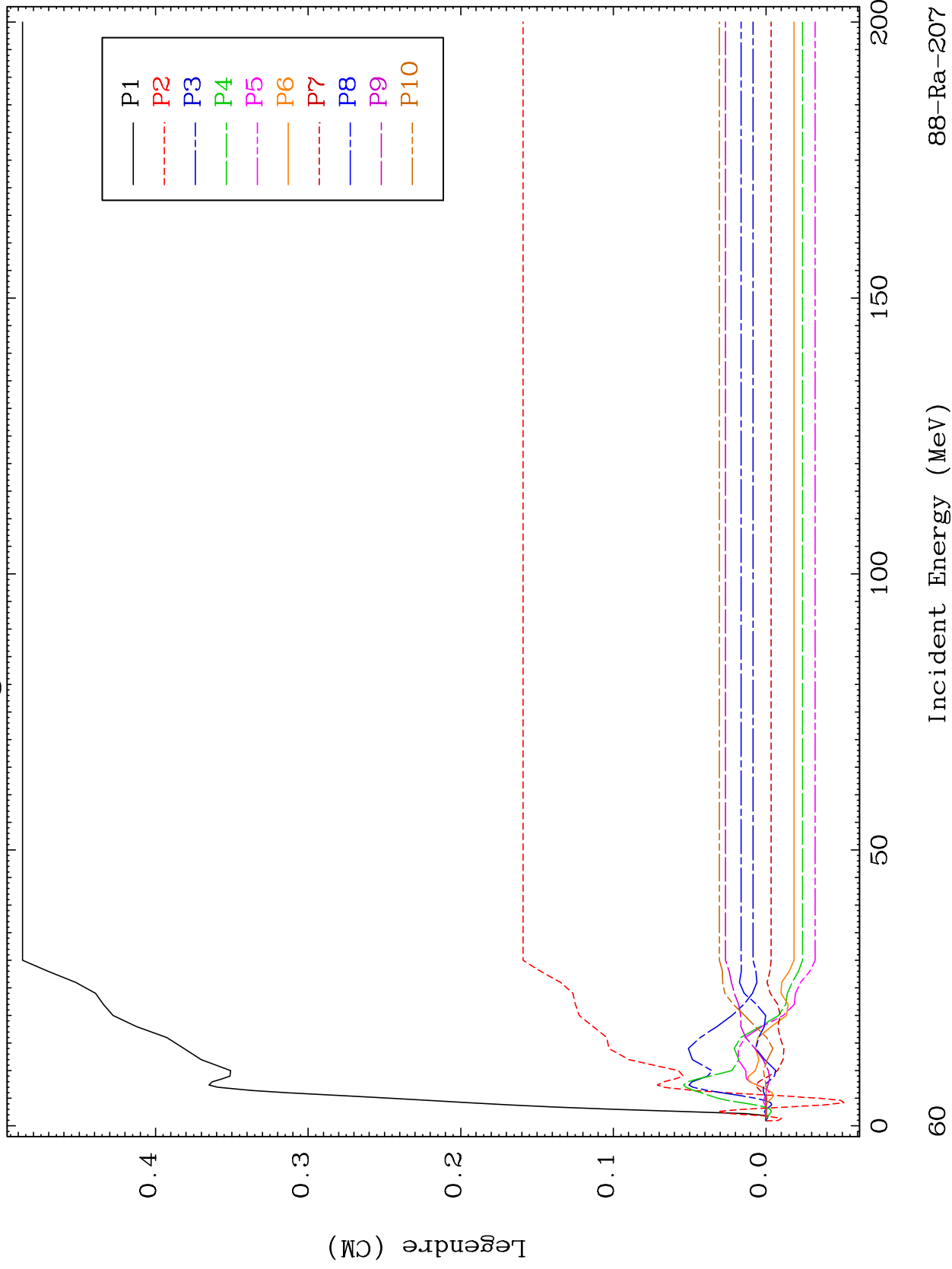
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

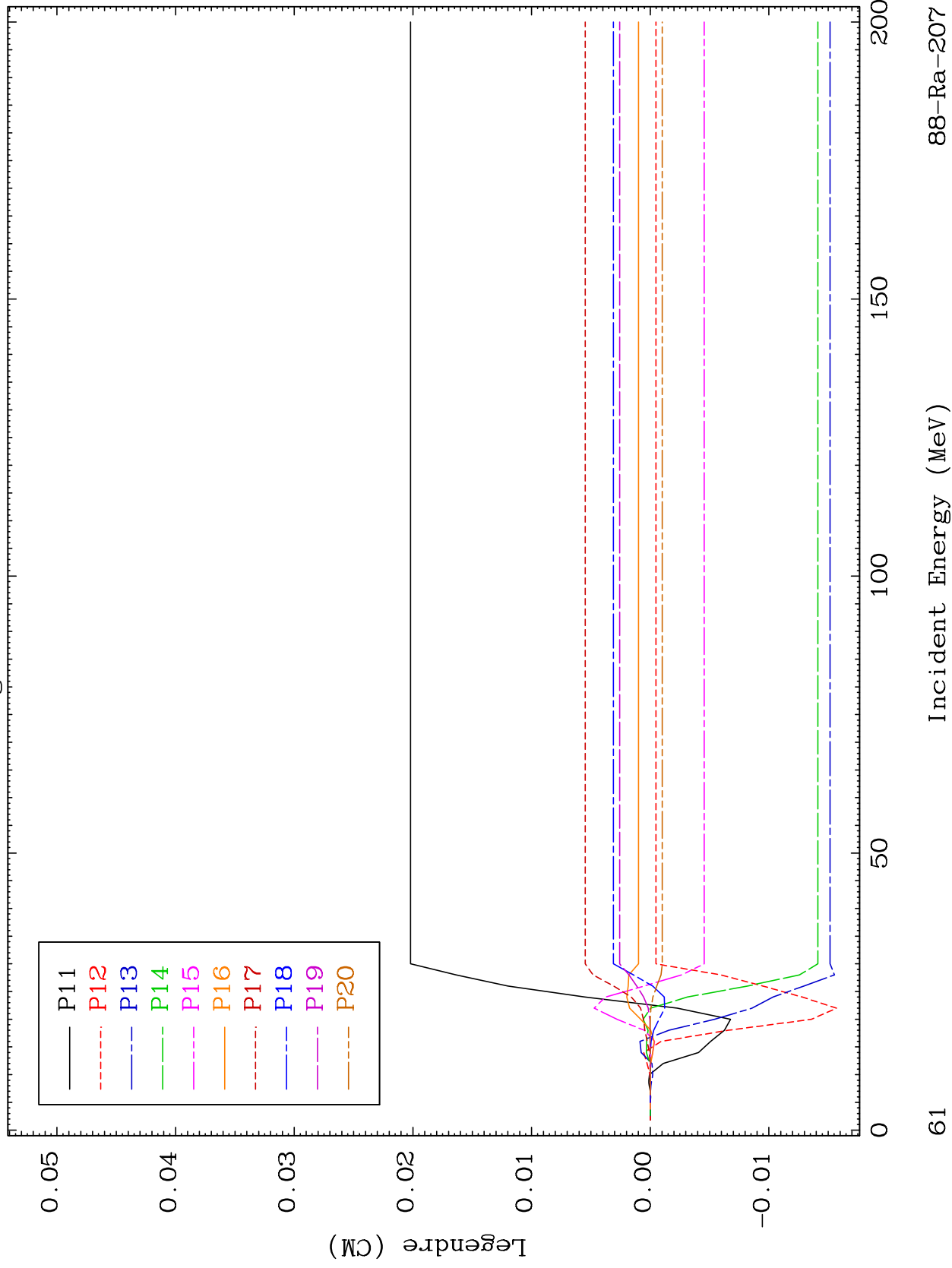
Incident Energy (MeV)

60

MAT 8777

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

88-Ra-207



61

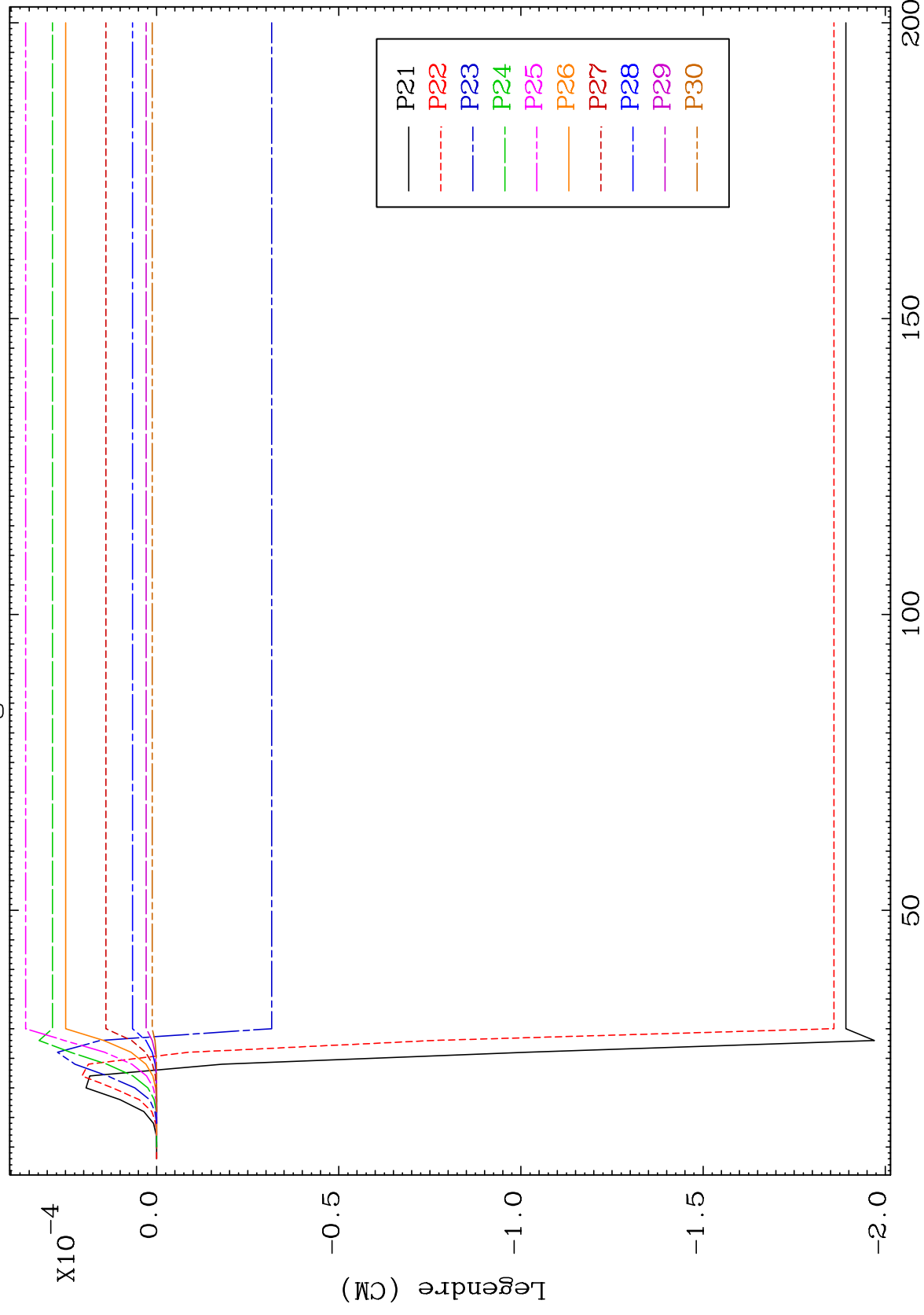
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



62

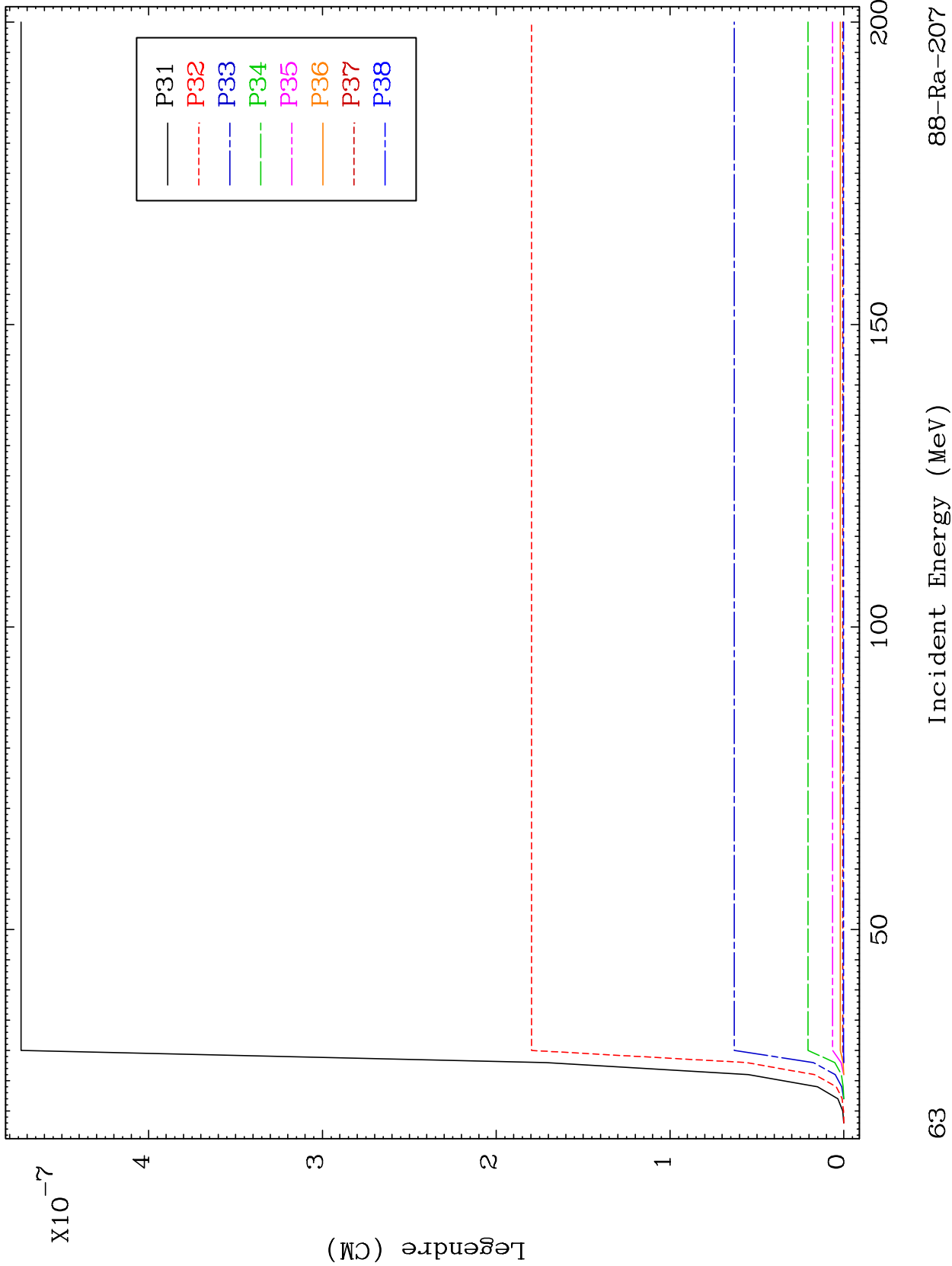
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



63

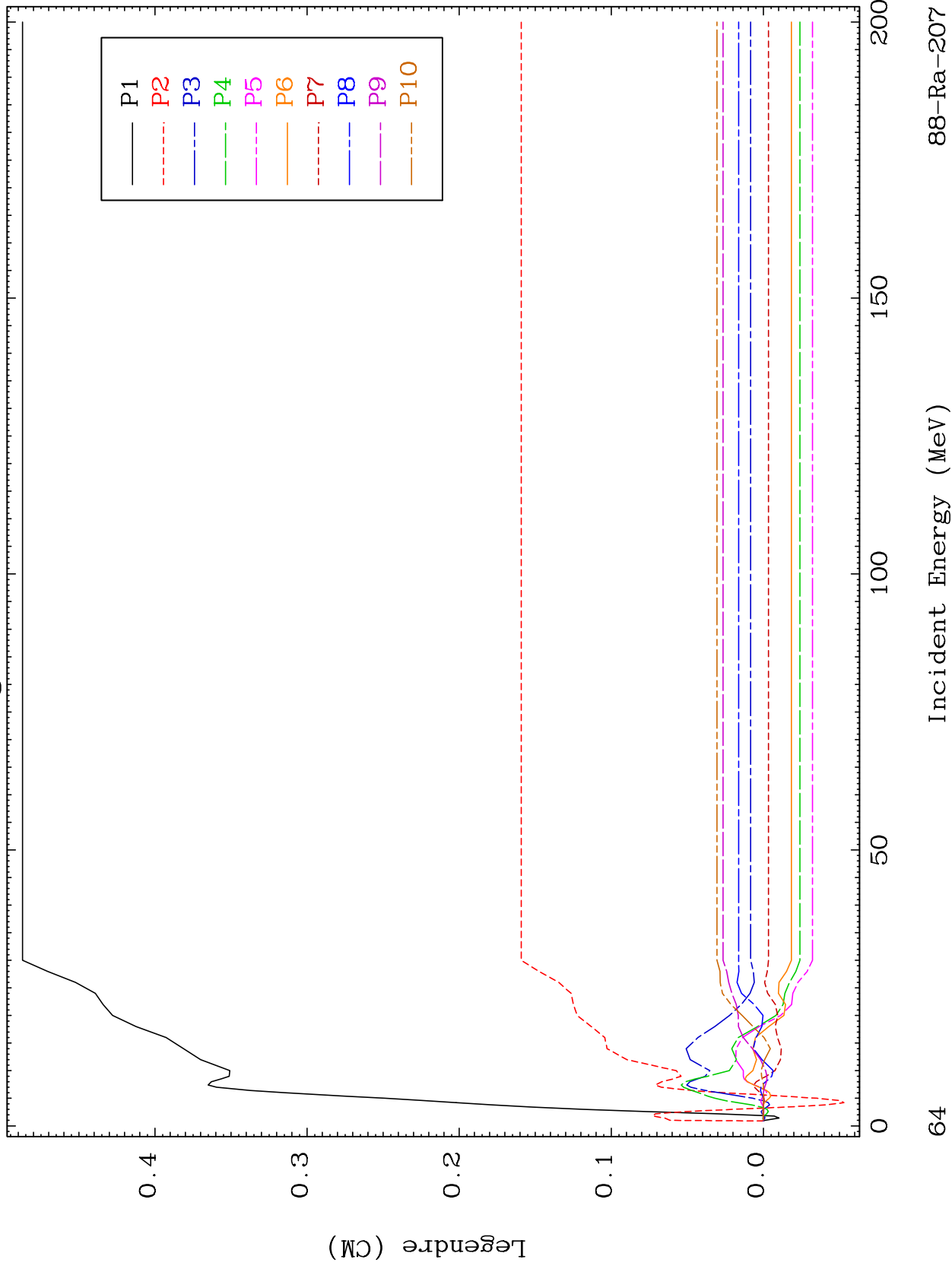
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

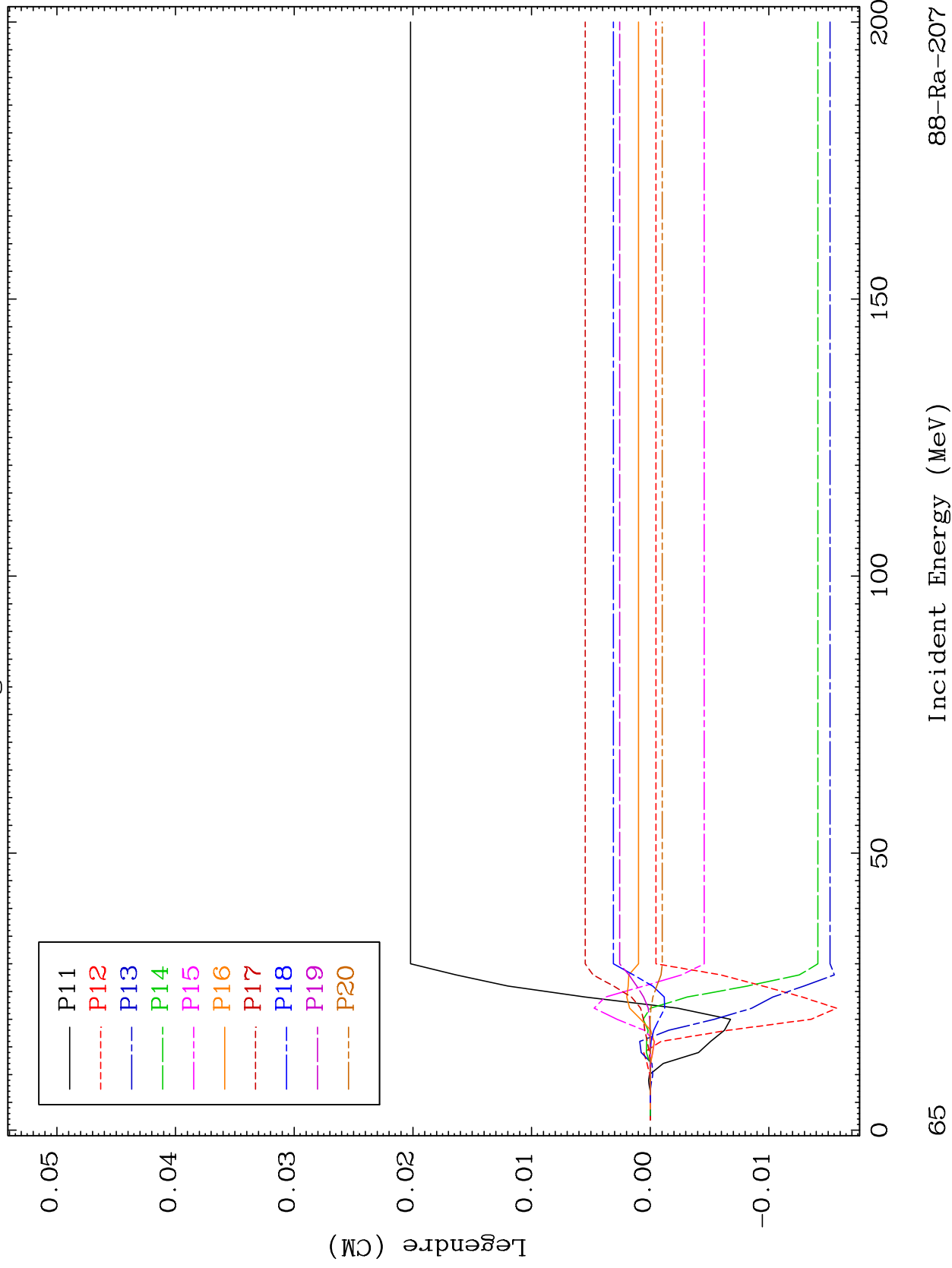
Incident Energy (MeV)

64

MAT 8777

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

88-Ra-207



88-Ra-207

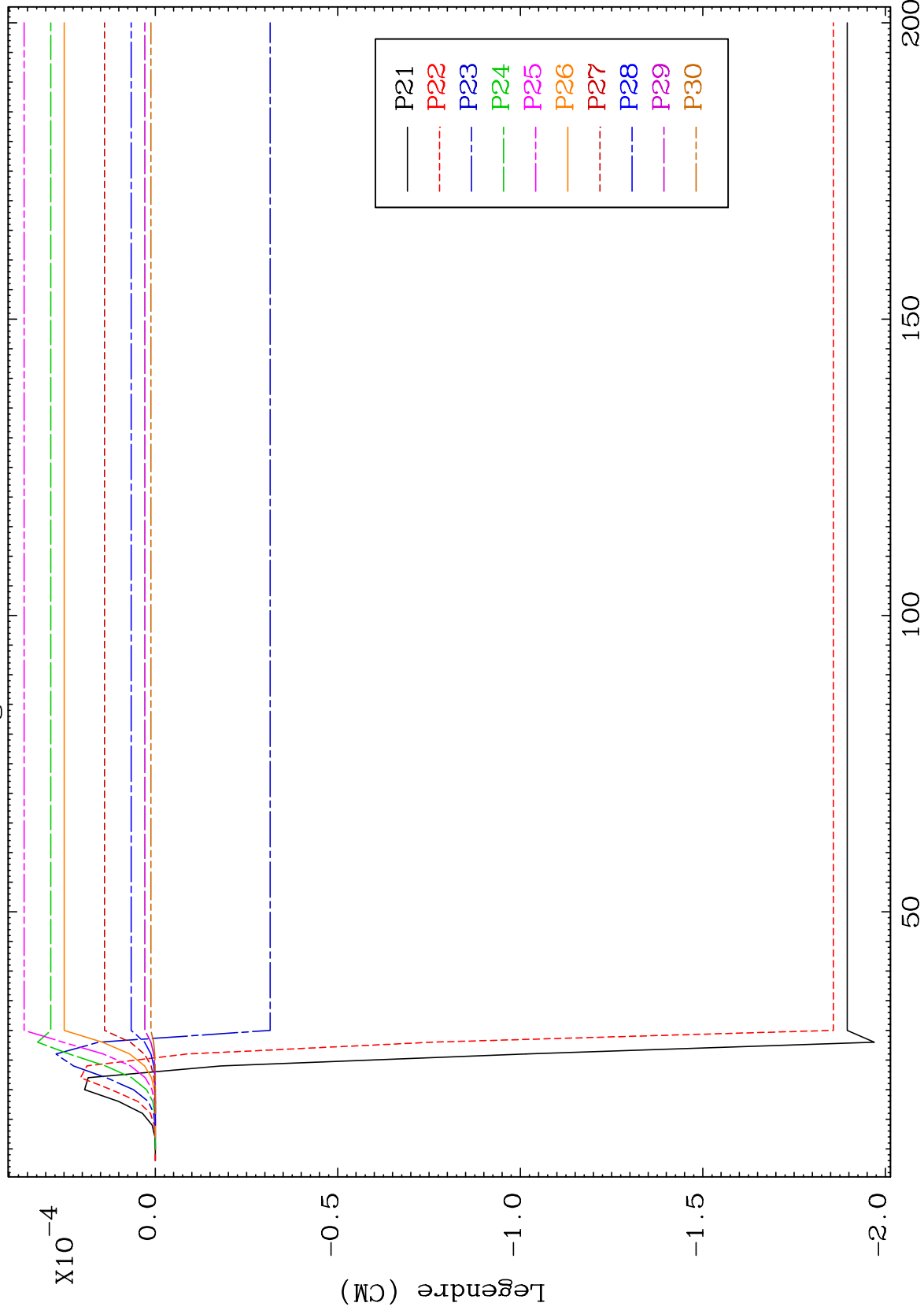
Incident Energy (MeV)

65

MAT 8777

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

88-Ra-207



66

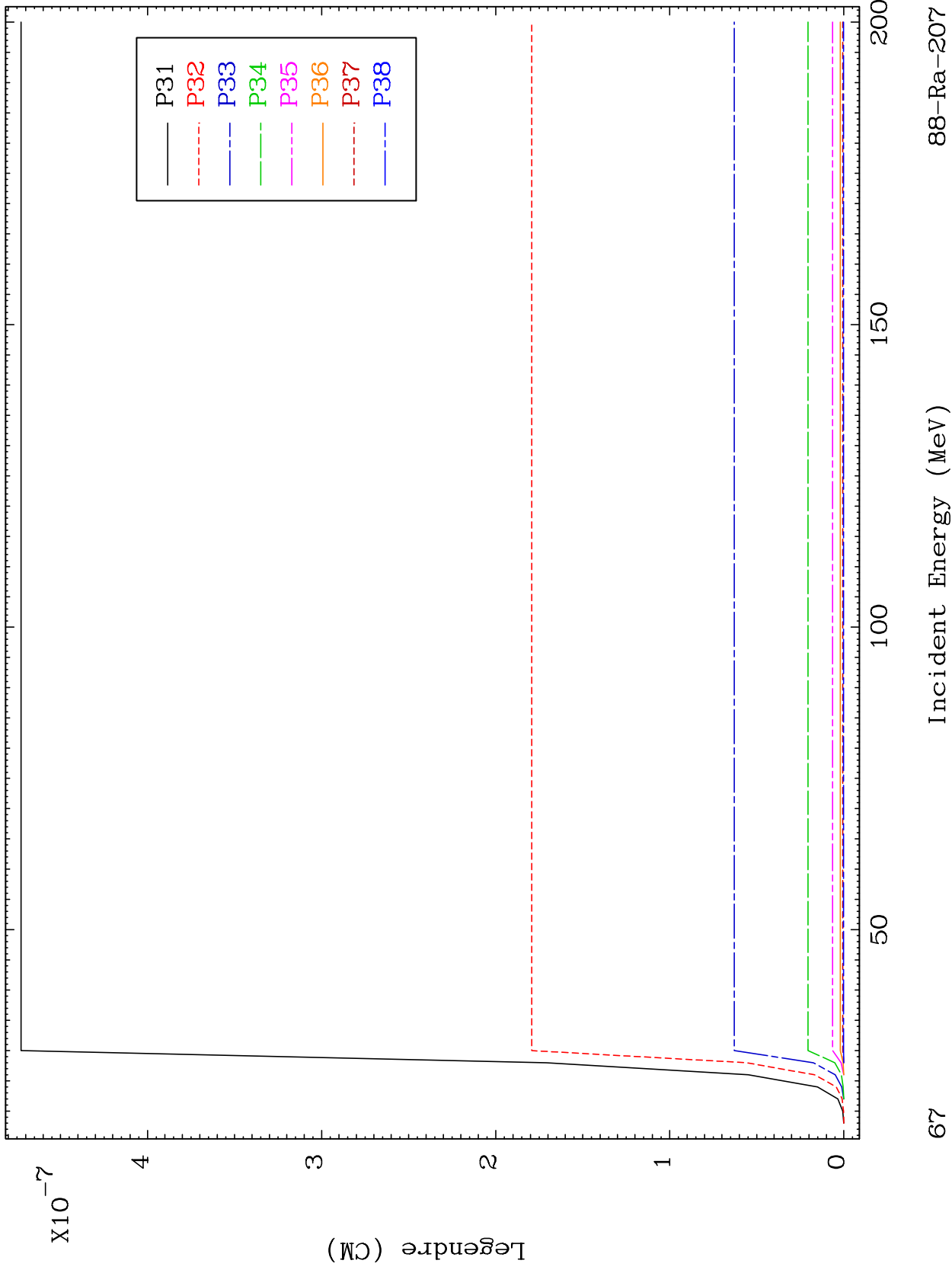
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

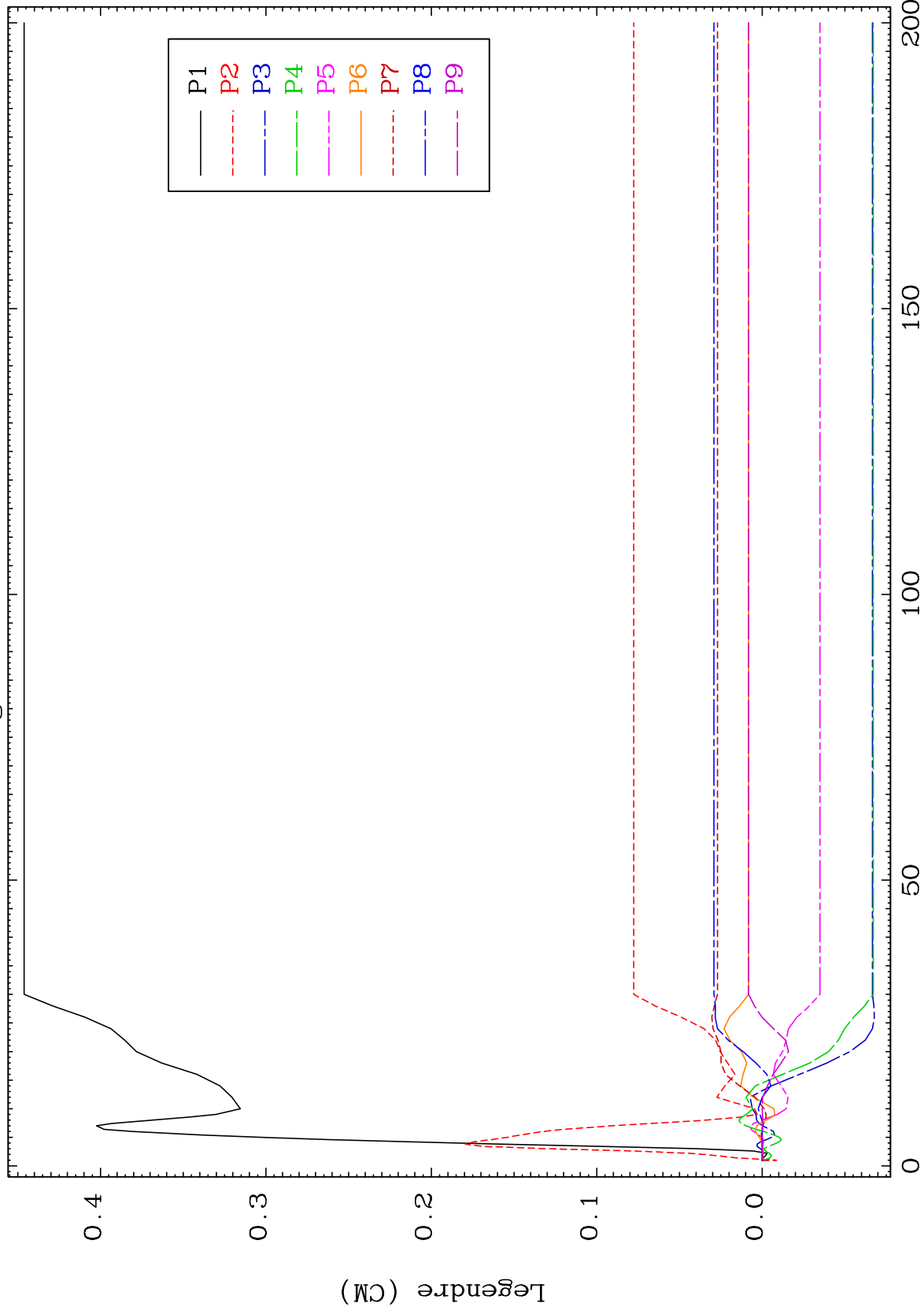
88-Ra-207



MAT 8777

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

88-Ra-207



68

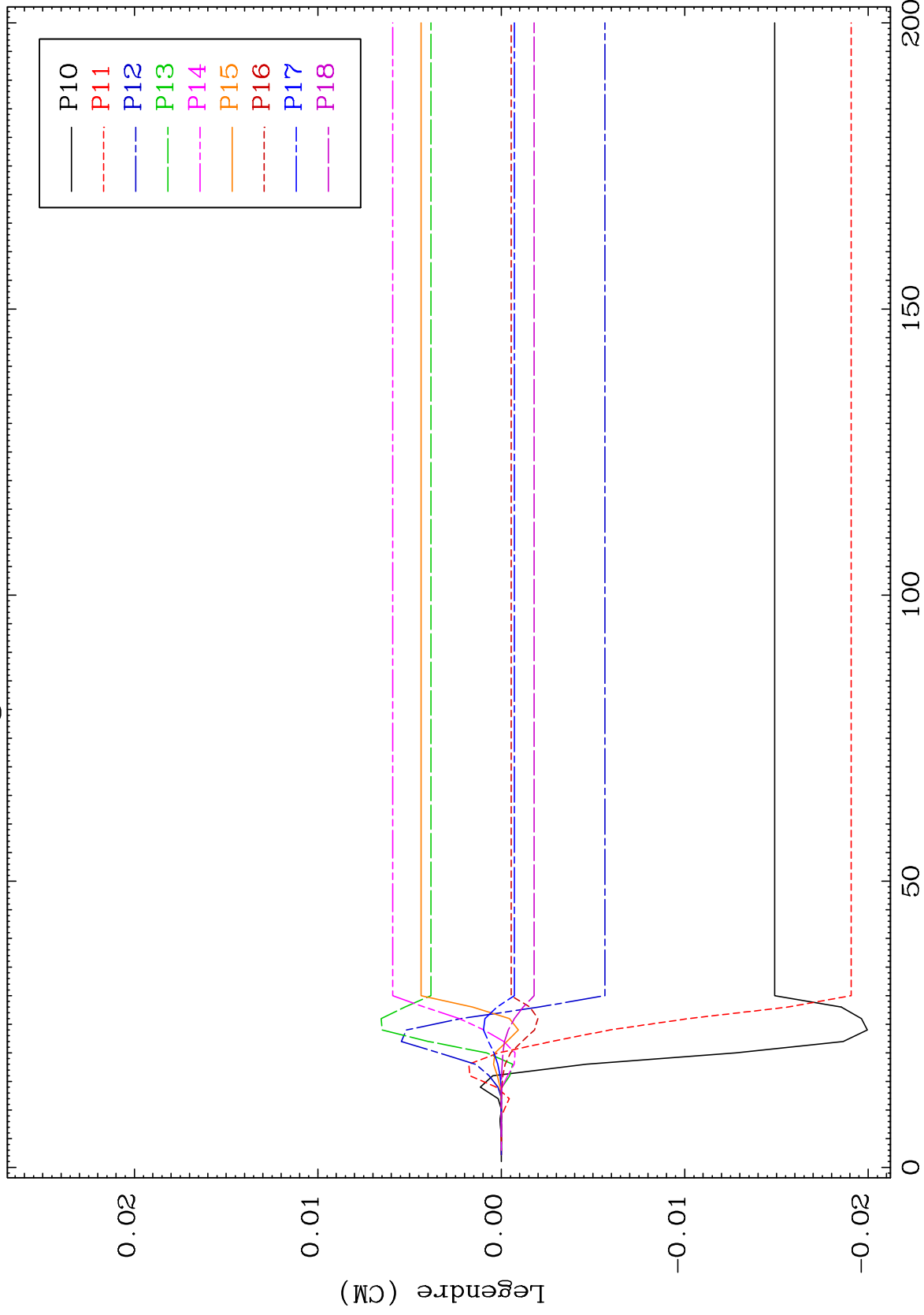
88-Ra-207

88-Ra-207

MAT 8777

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

88-Ra-207



69

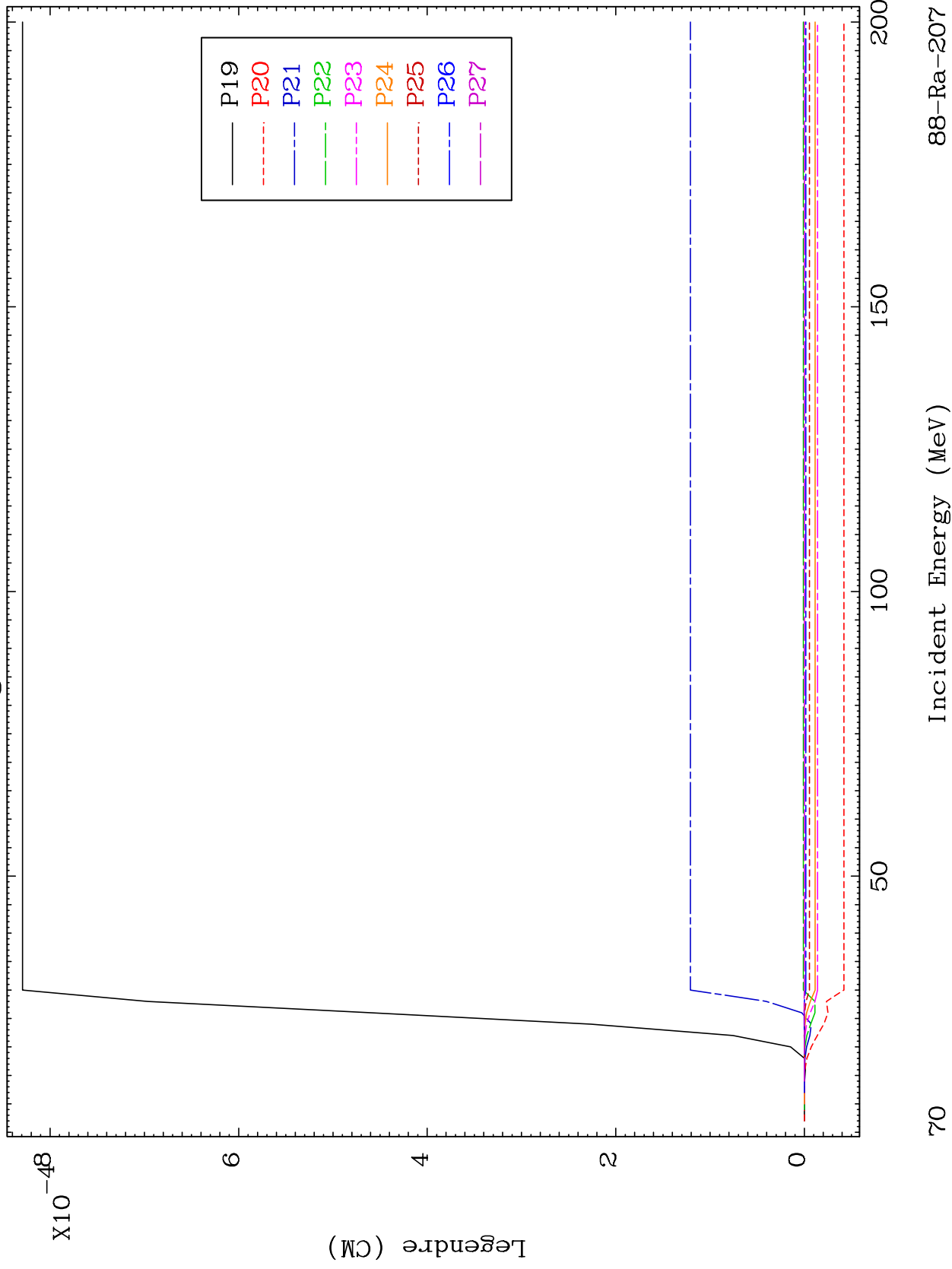
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

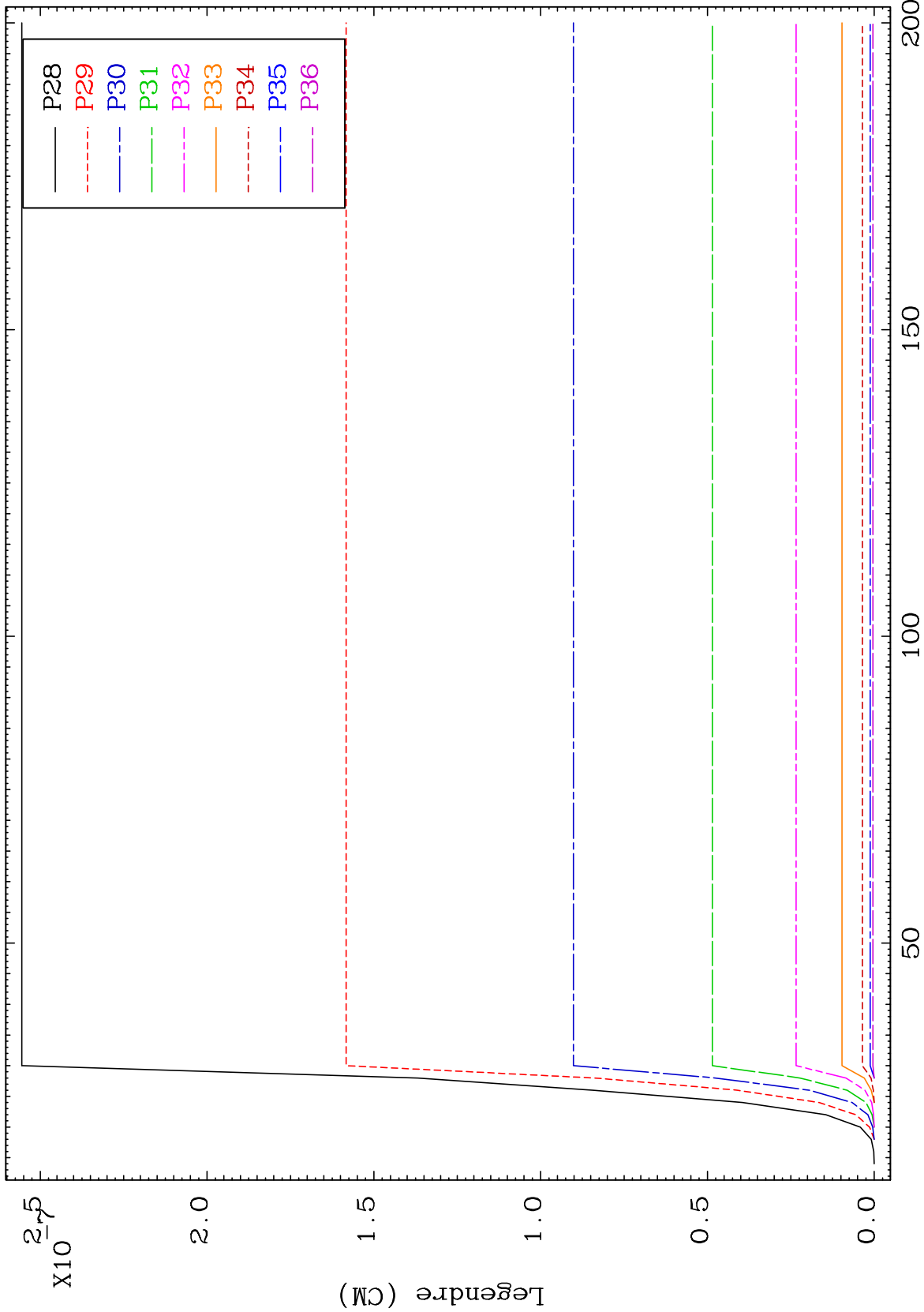
88-Ra-207



MAT 8777

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

88-Ra-207



71

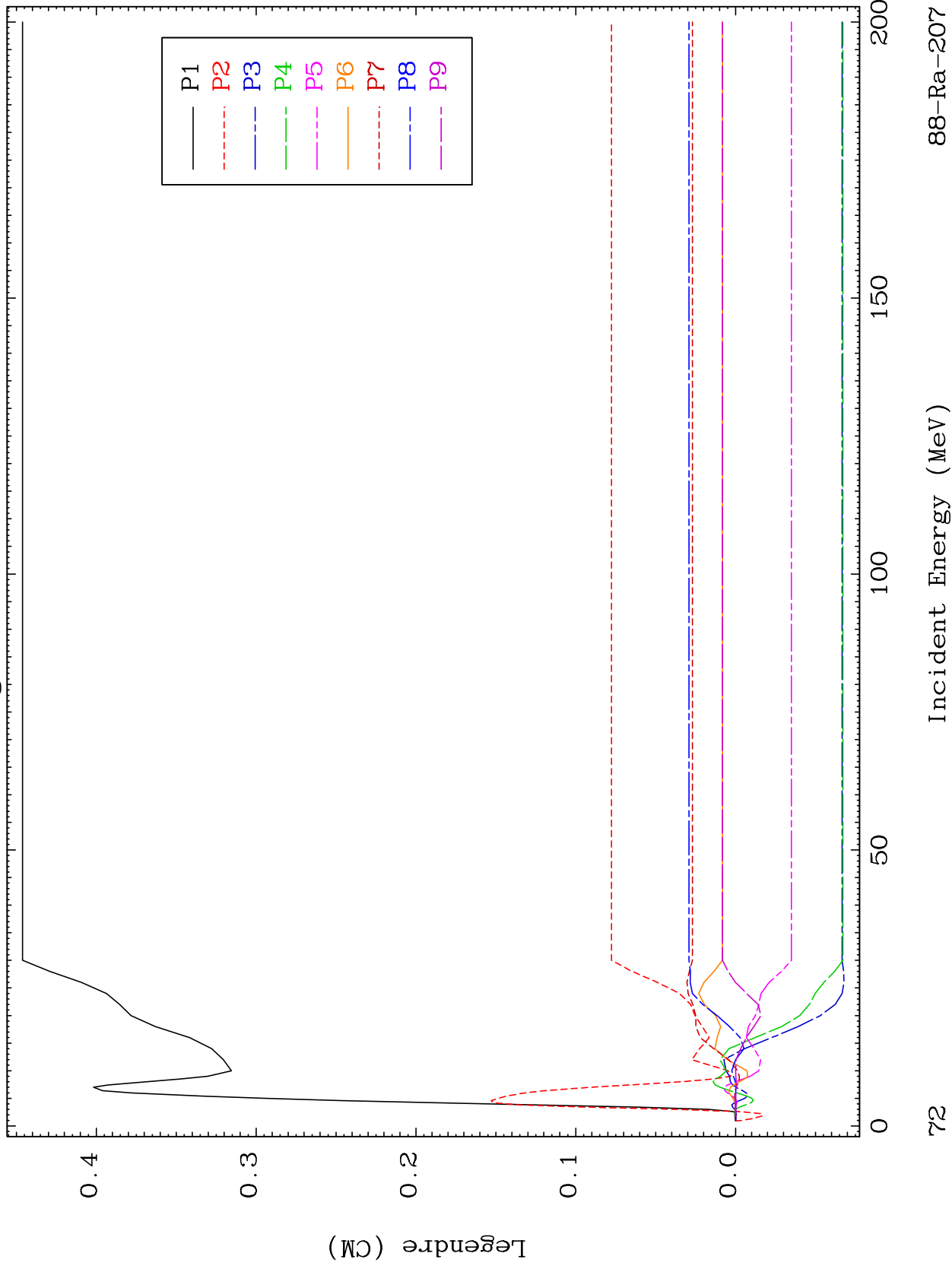
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



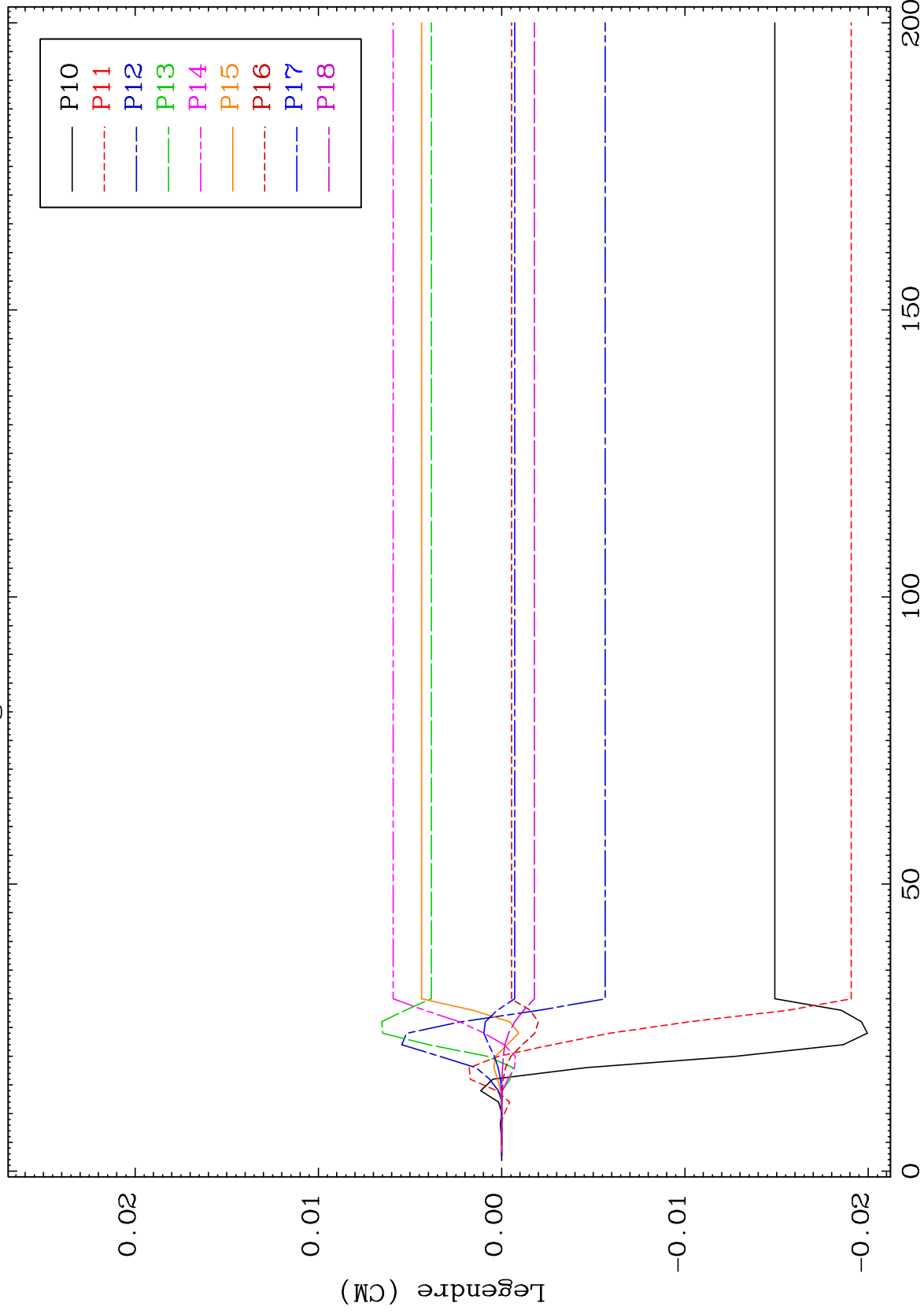
72

88-Ra-207

MAT 8777

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

88-Ra-207



73

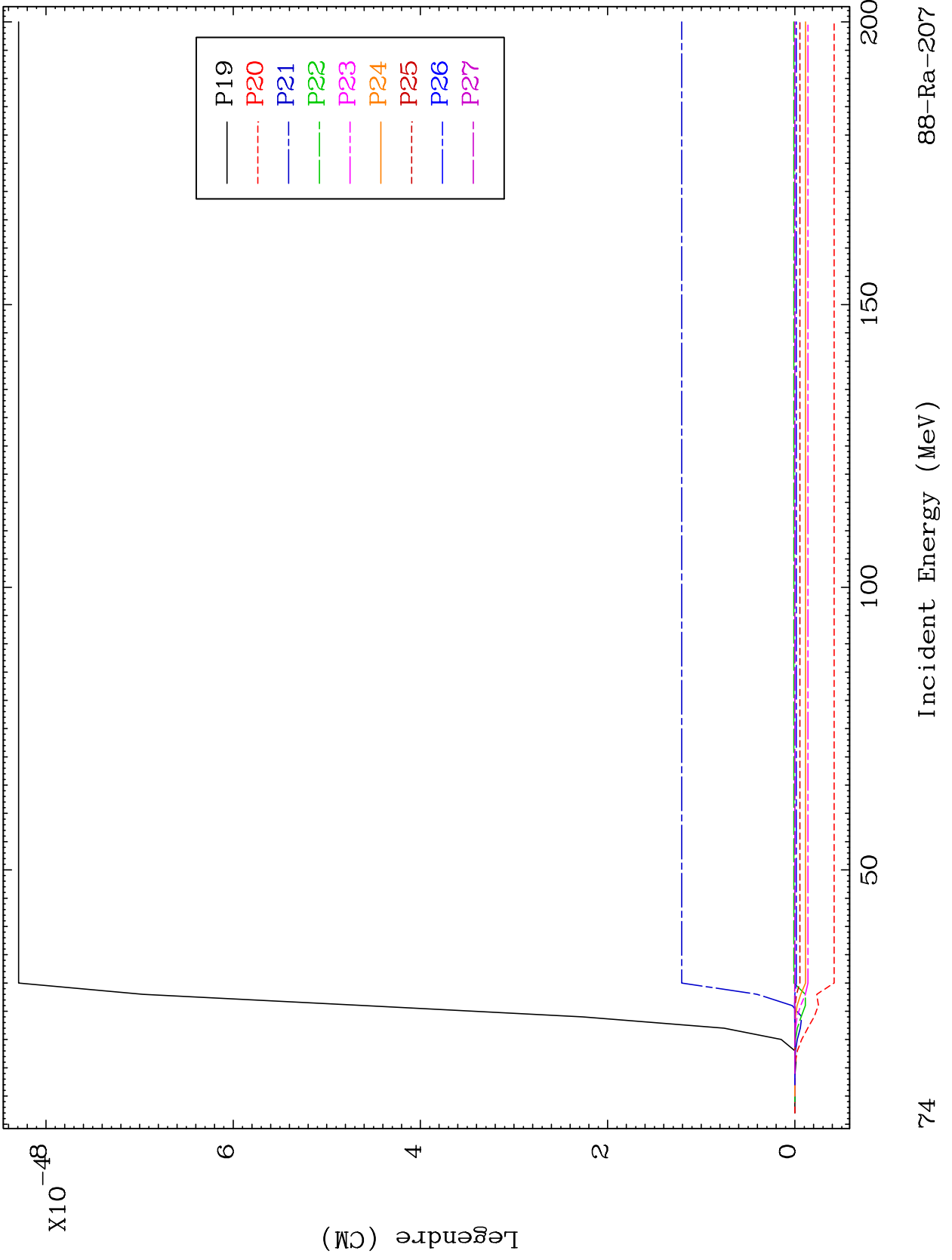
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

88-Ra-207



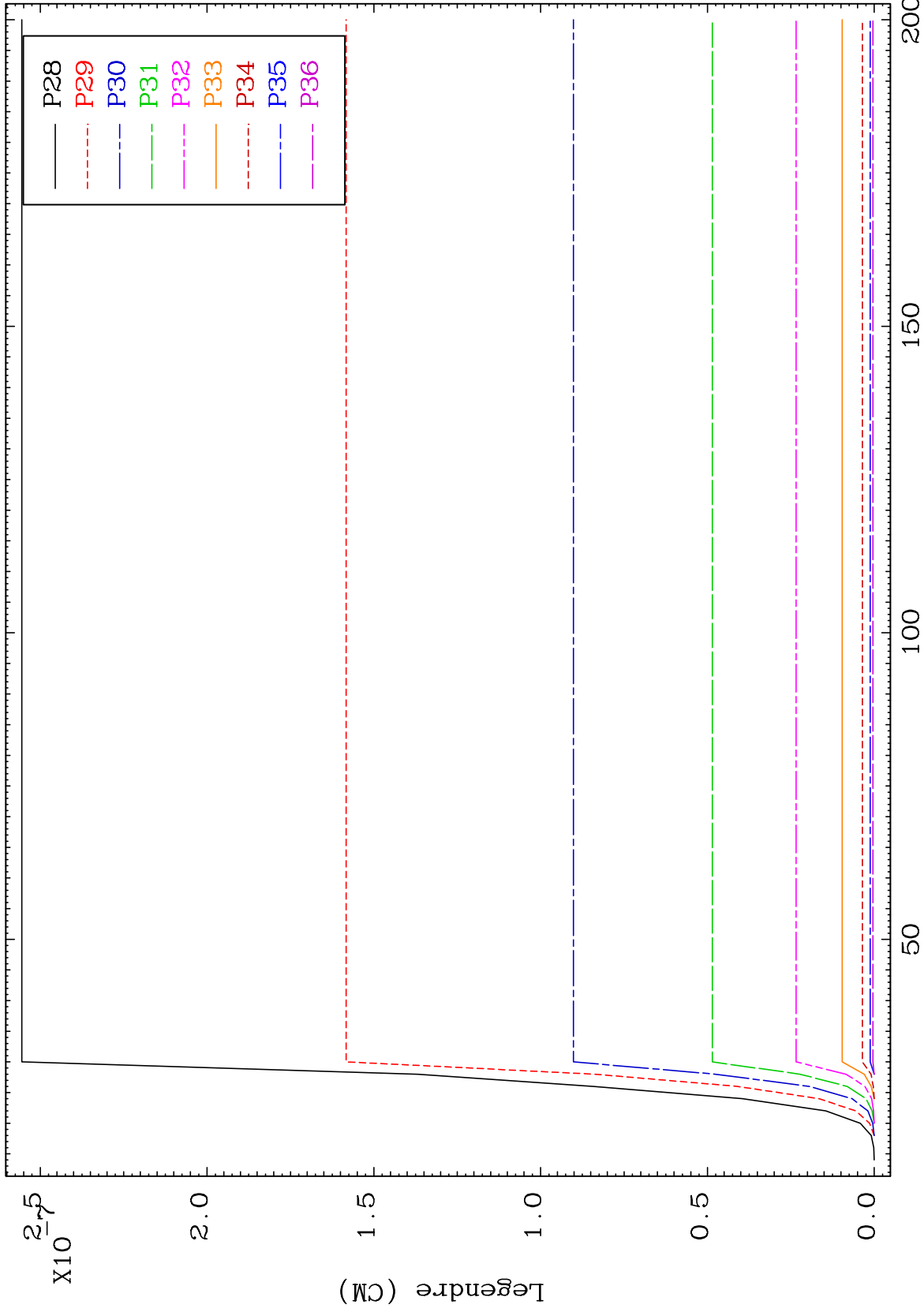
74

88-Ra-207

MAT 8777

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

88-Ra-207



75

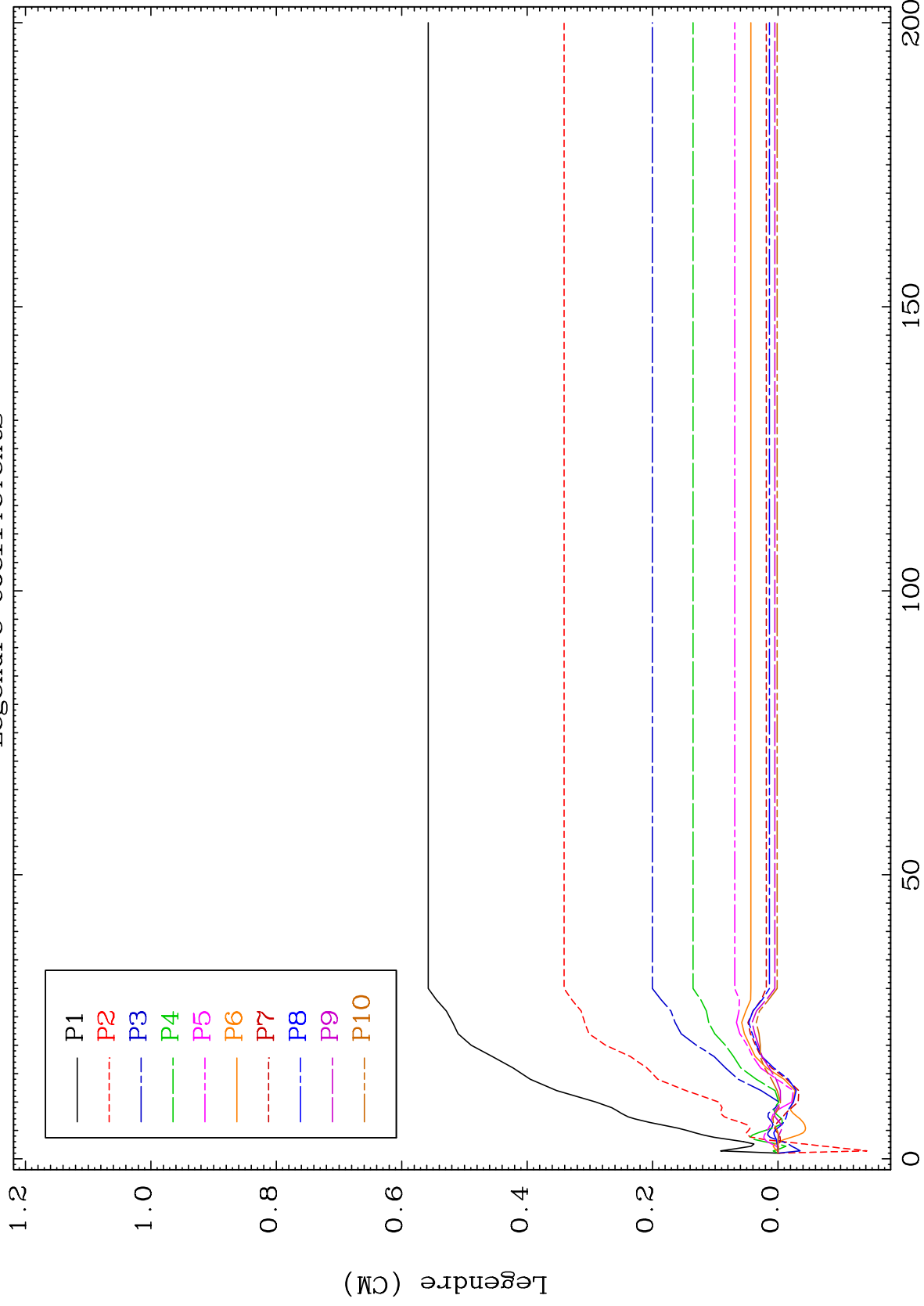
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

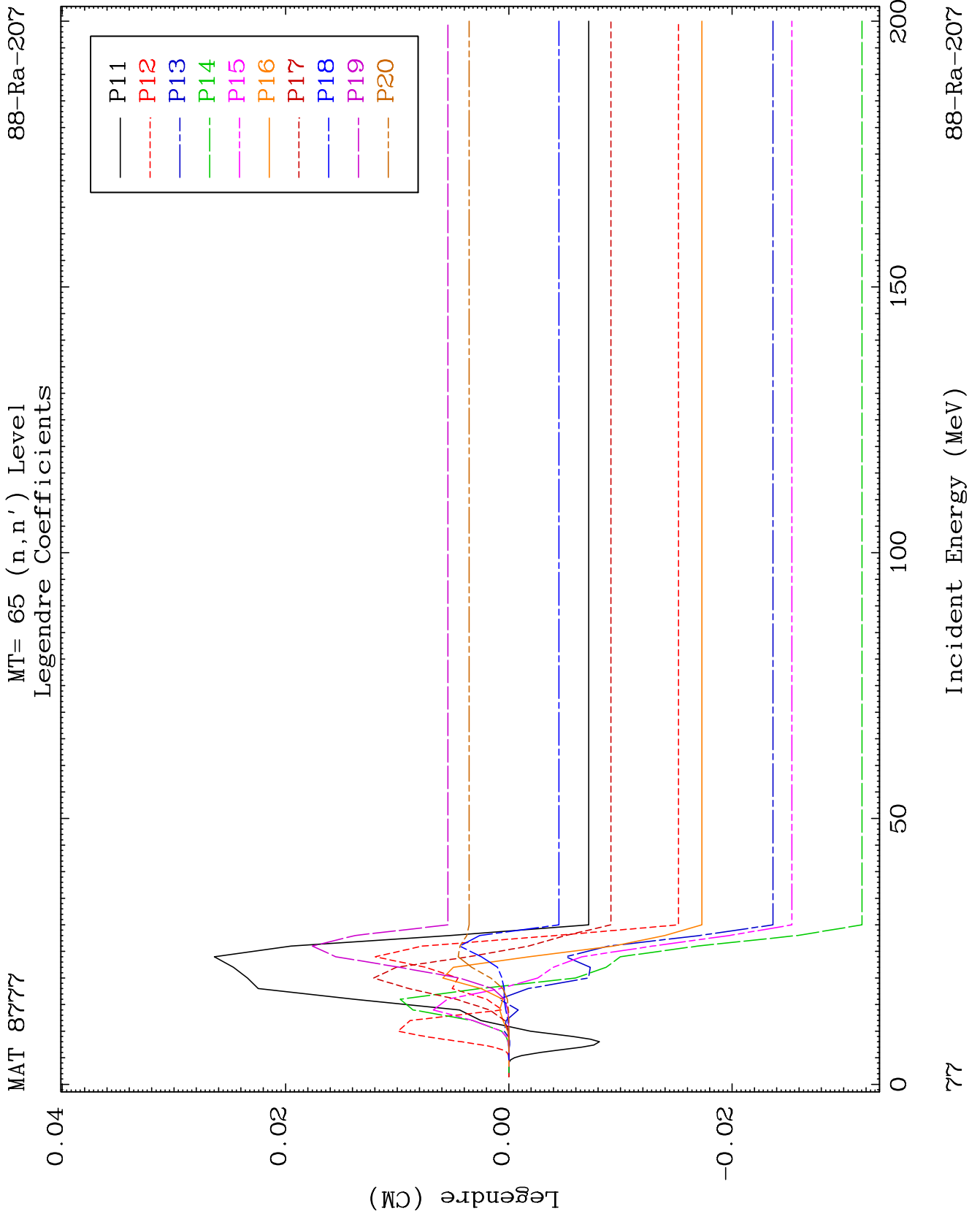
88-Ra-207



76

Incident Energy (MeV)

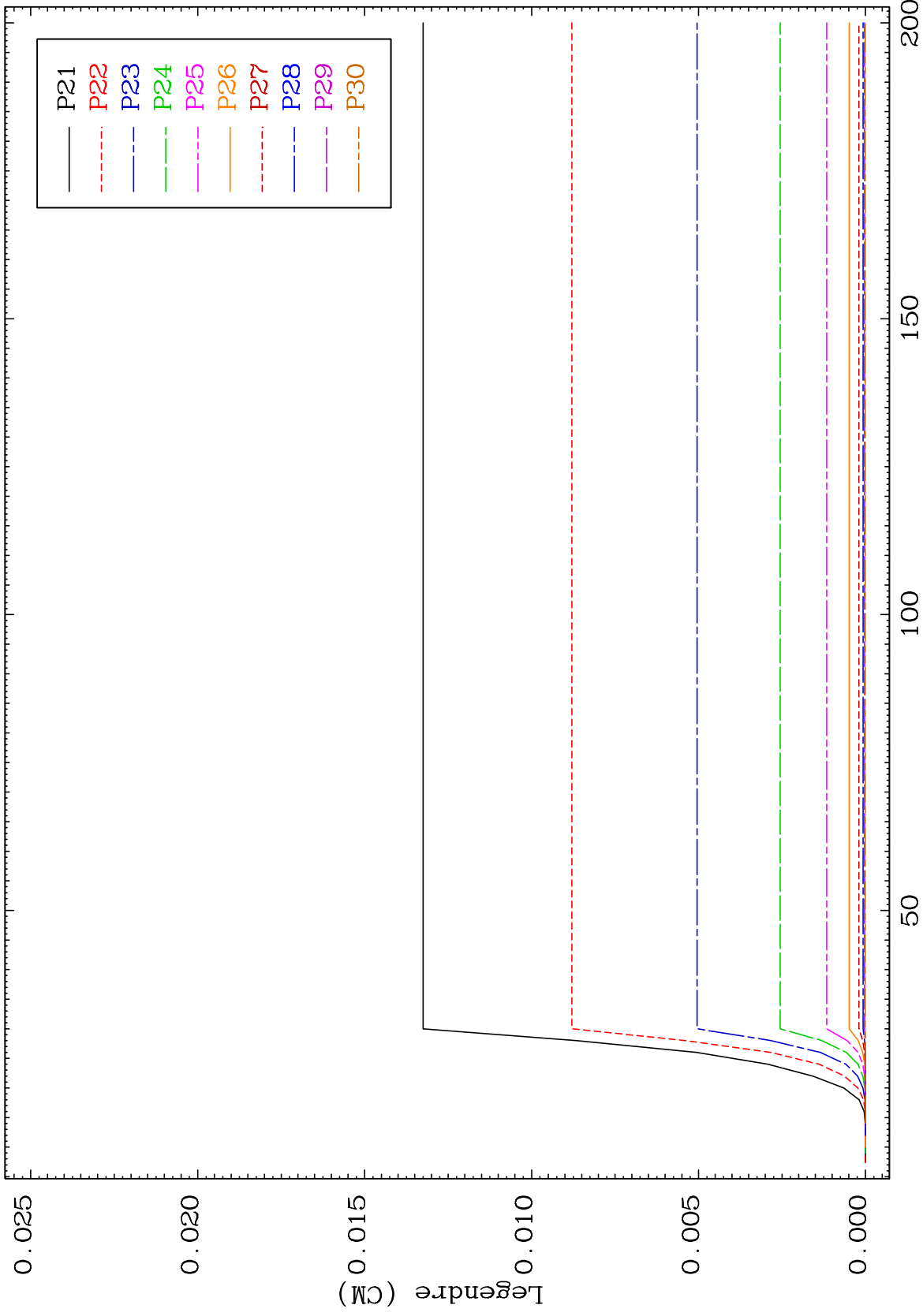
88-Ra-207



MAT 8777

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

88-Ra-207



78

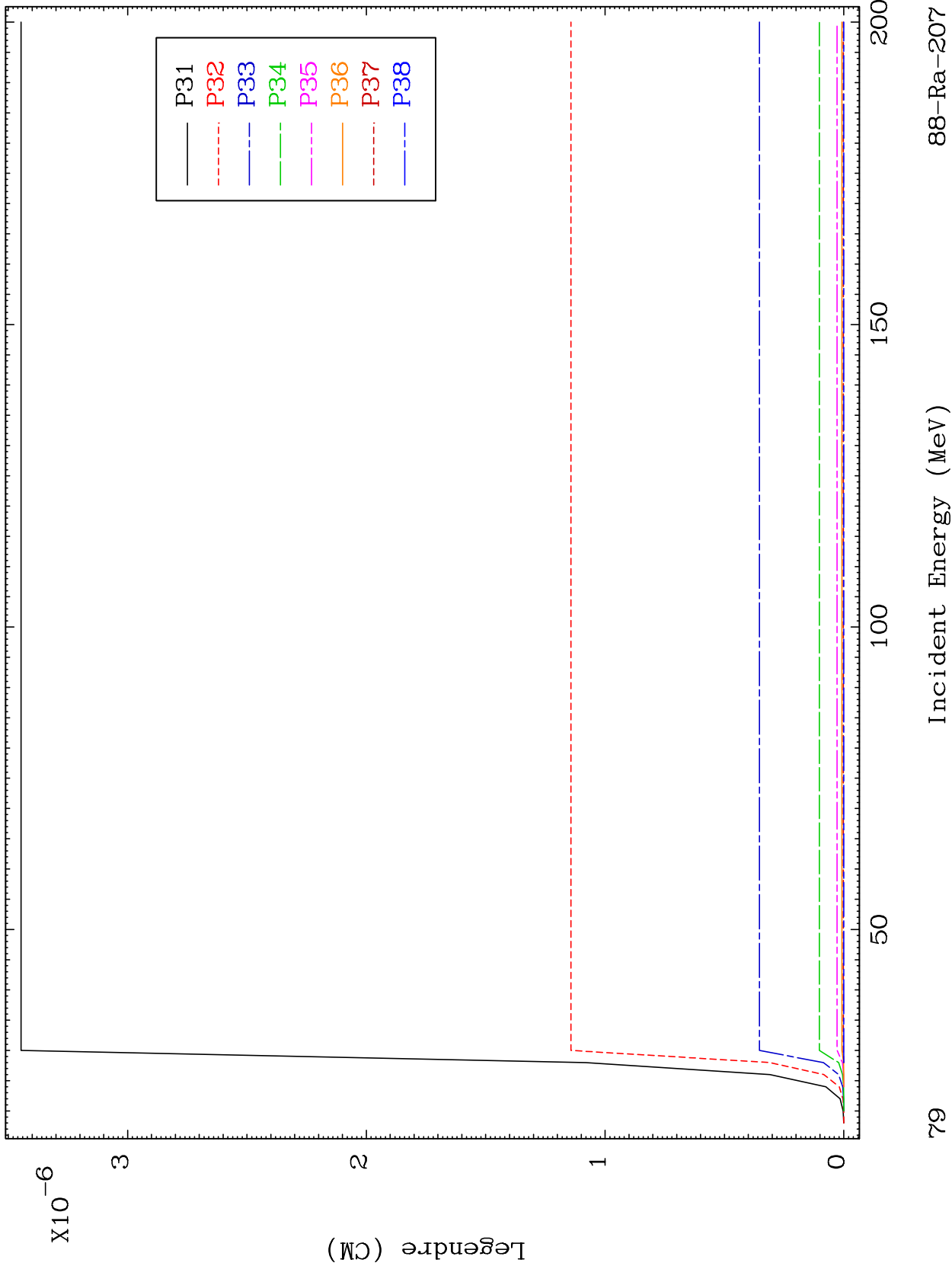
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207

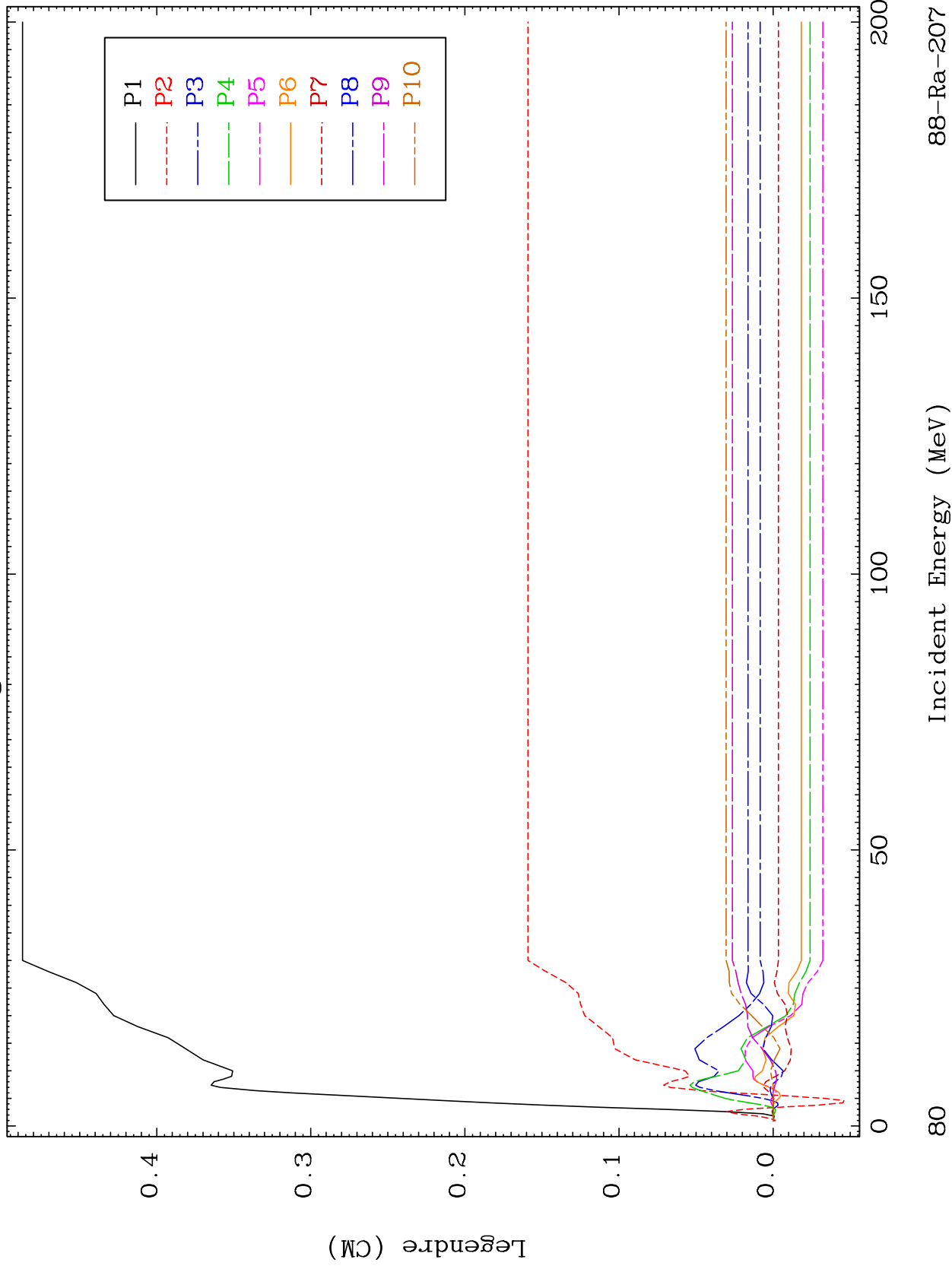


79

MAT 8777

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

88-Ra-207

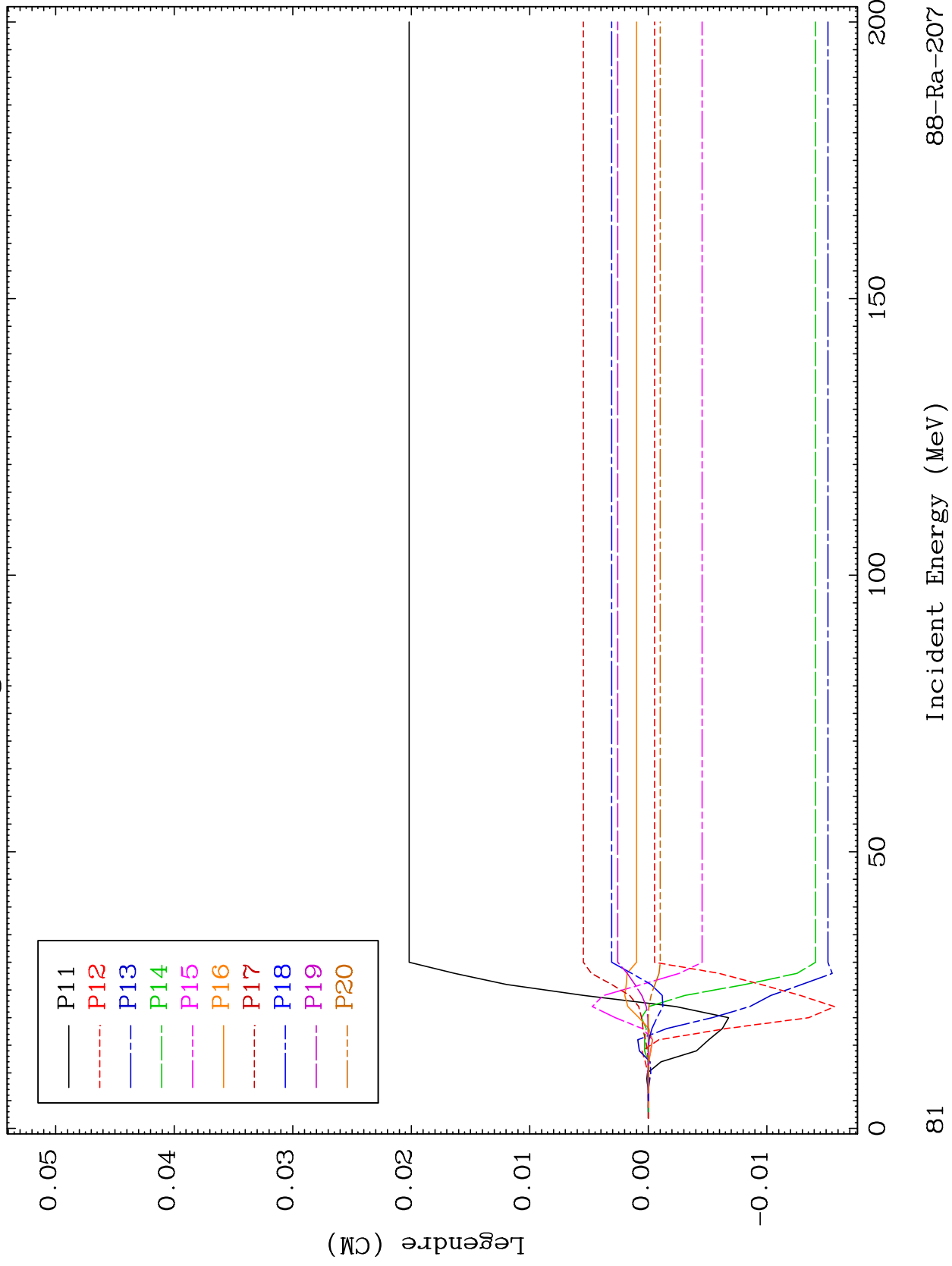


88-Ra-207

MAT 8777

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

88-Ra-207



81

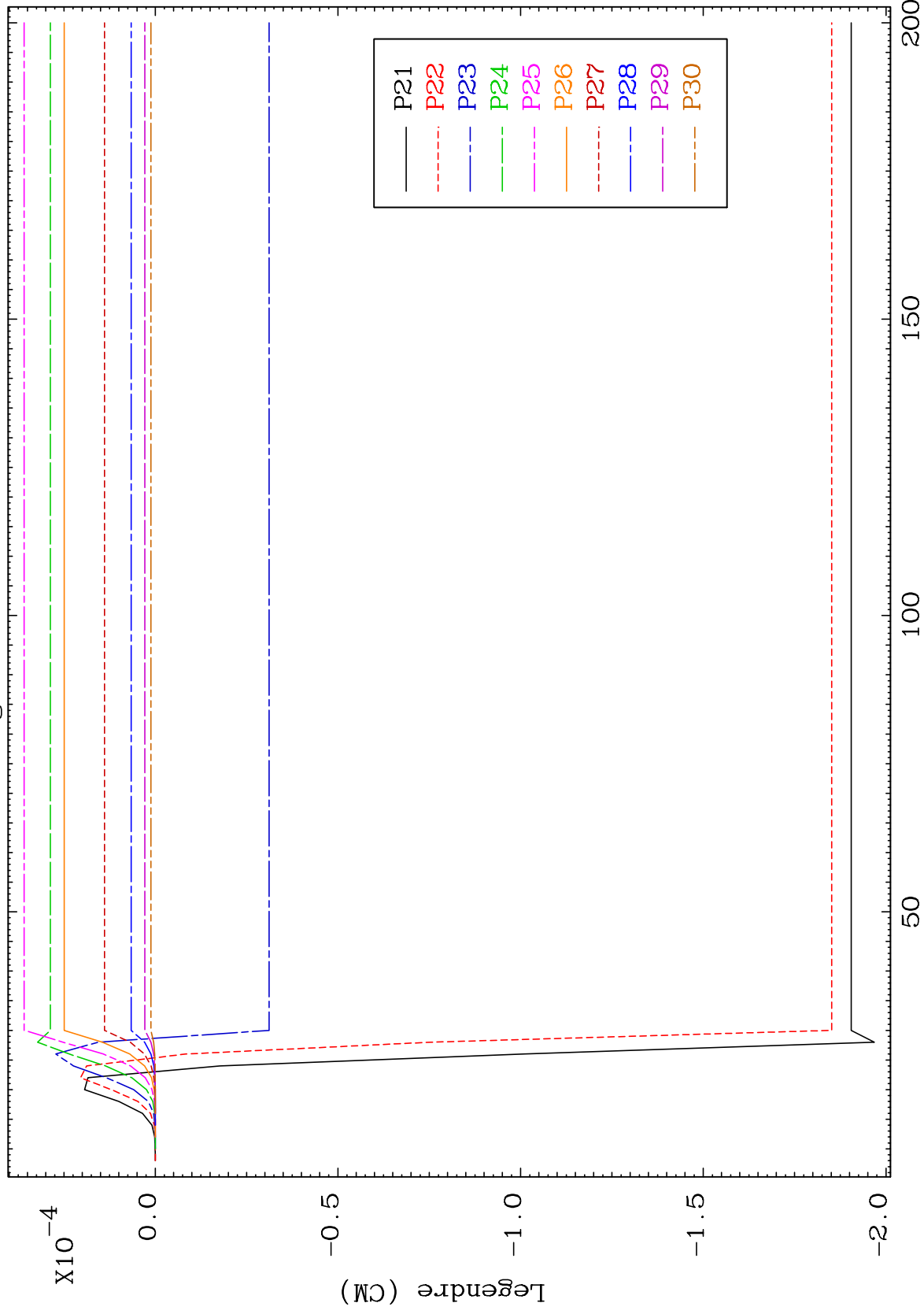
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



82

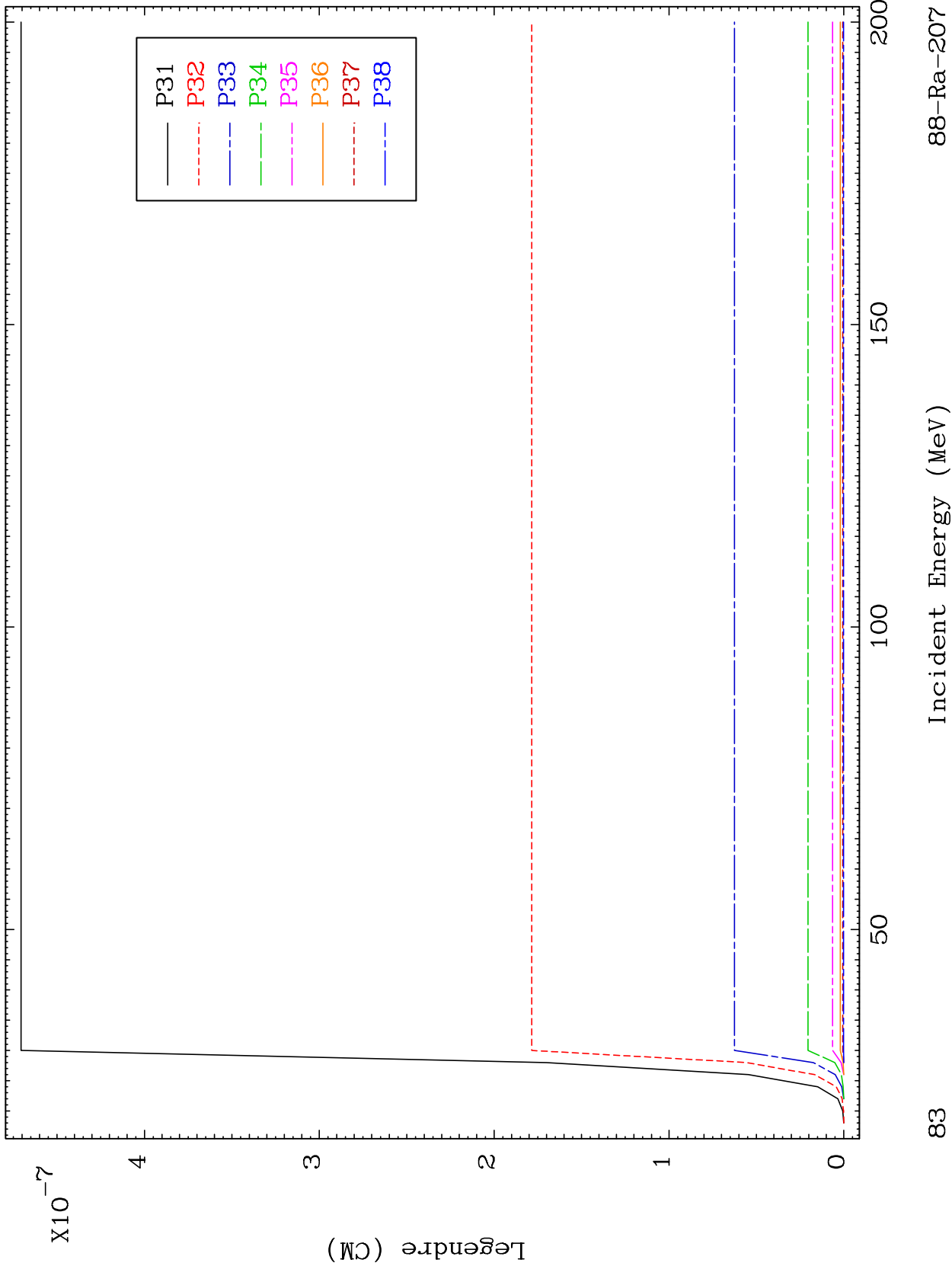
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88

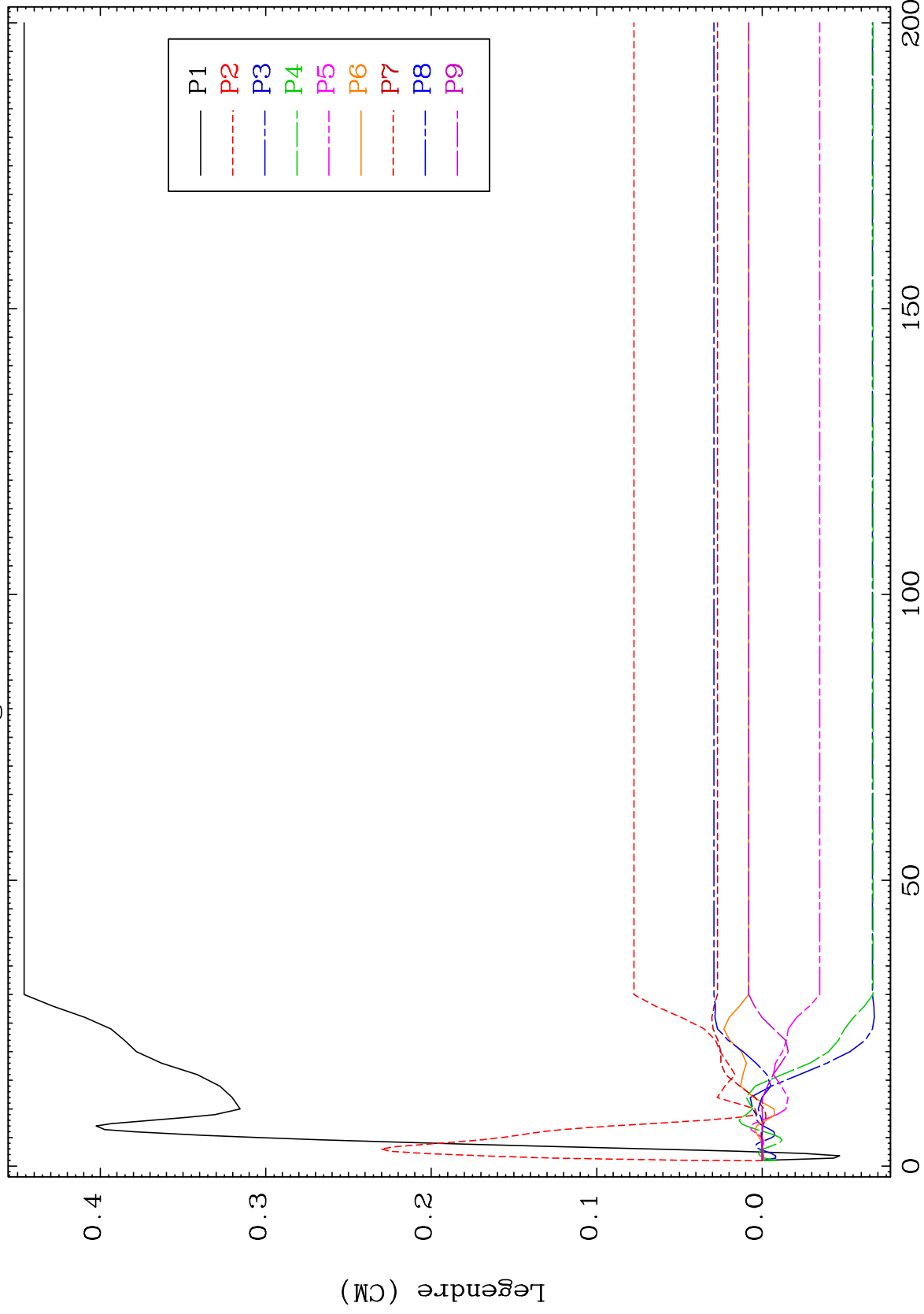
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



84

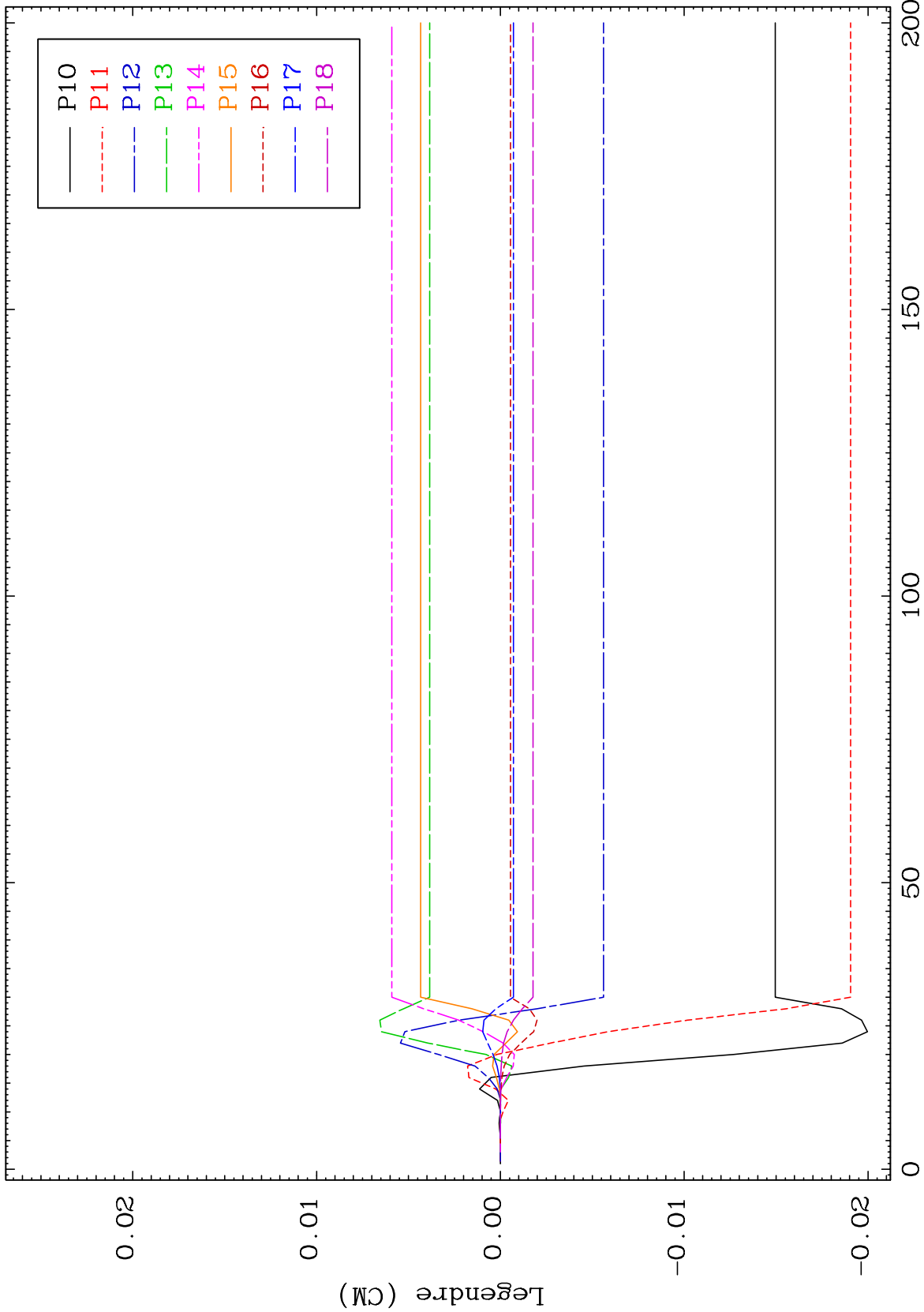
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



85

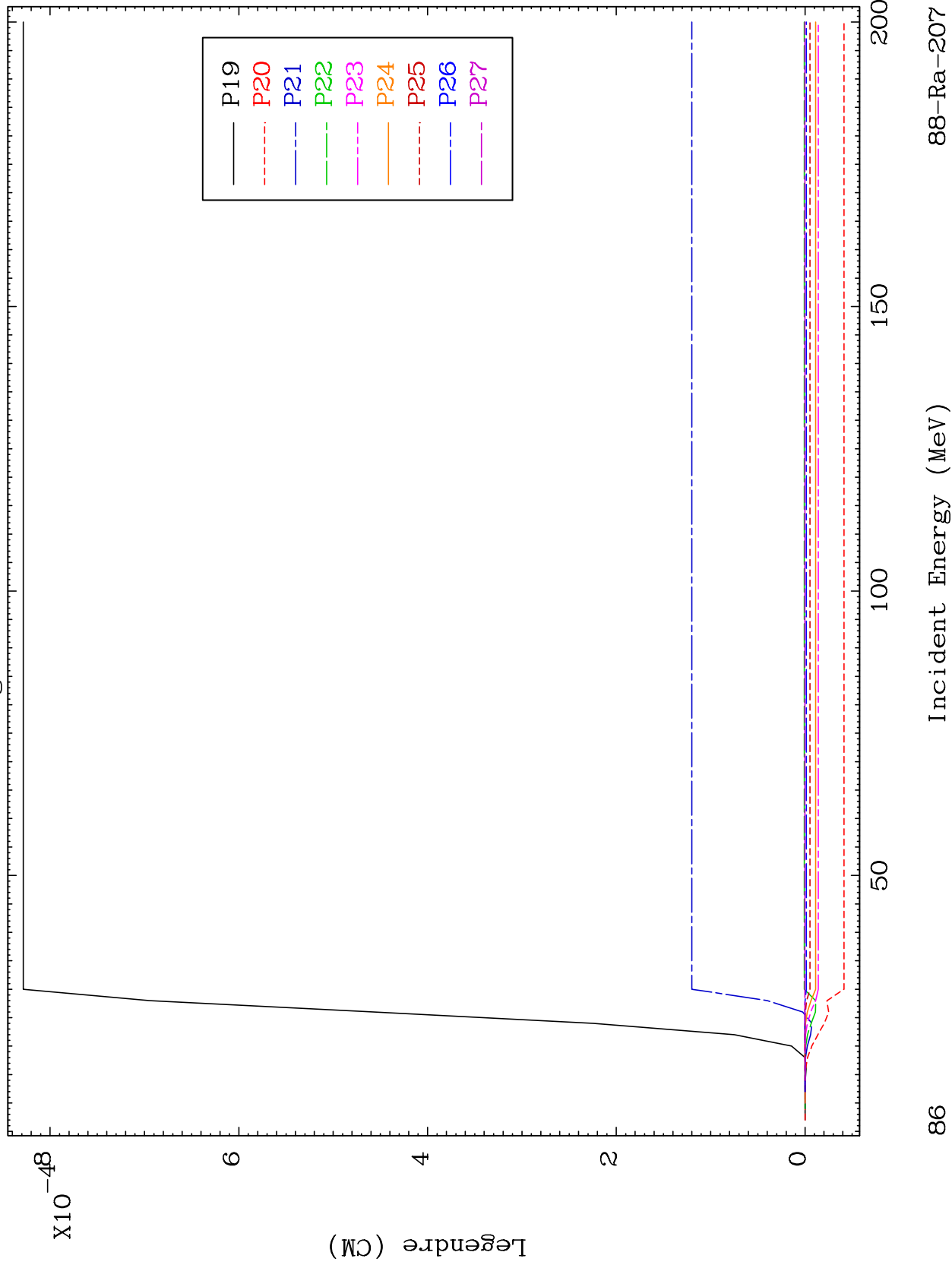
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

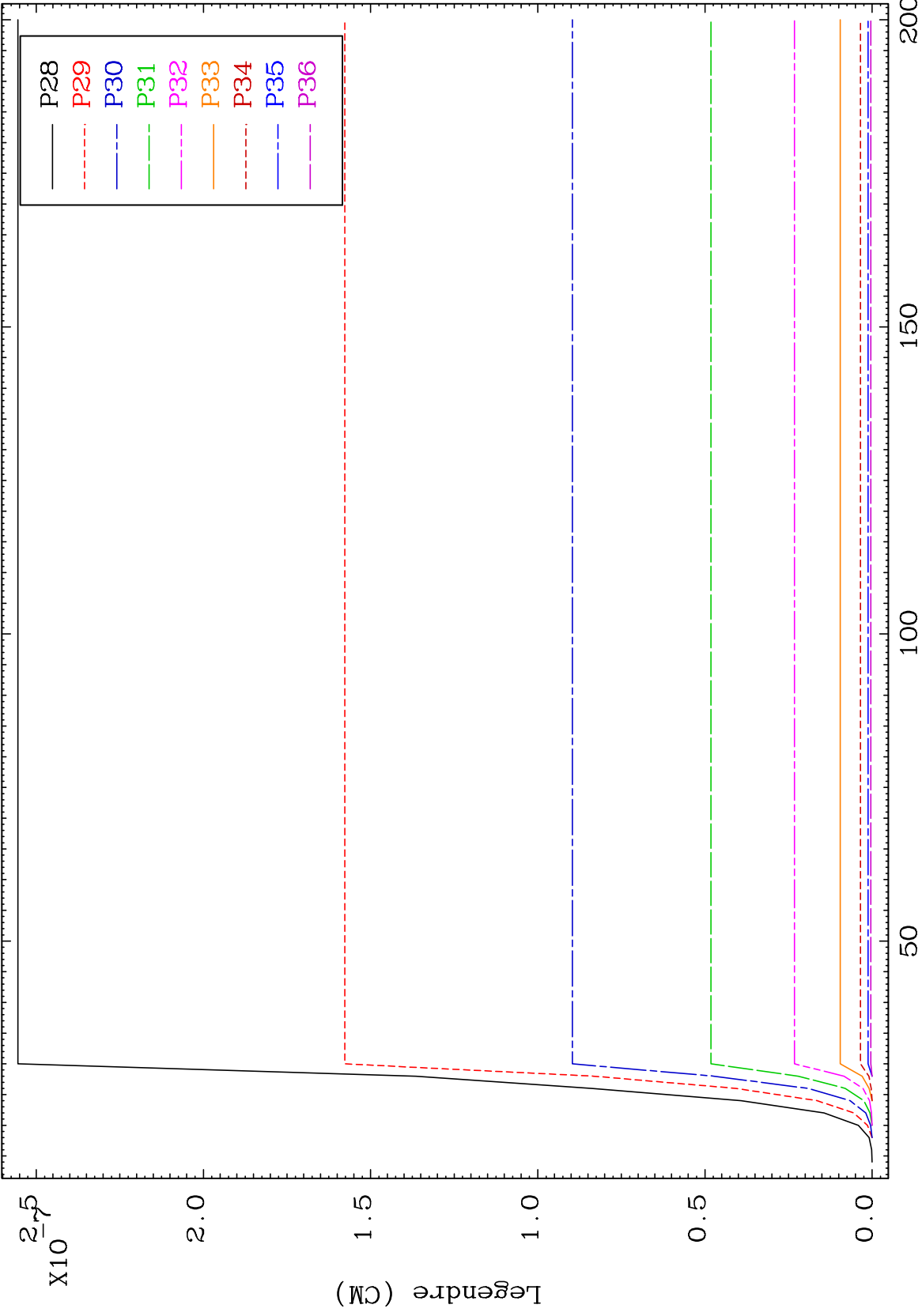
88-Ra-207



MAT 8777

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

88-Ra-207



87

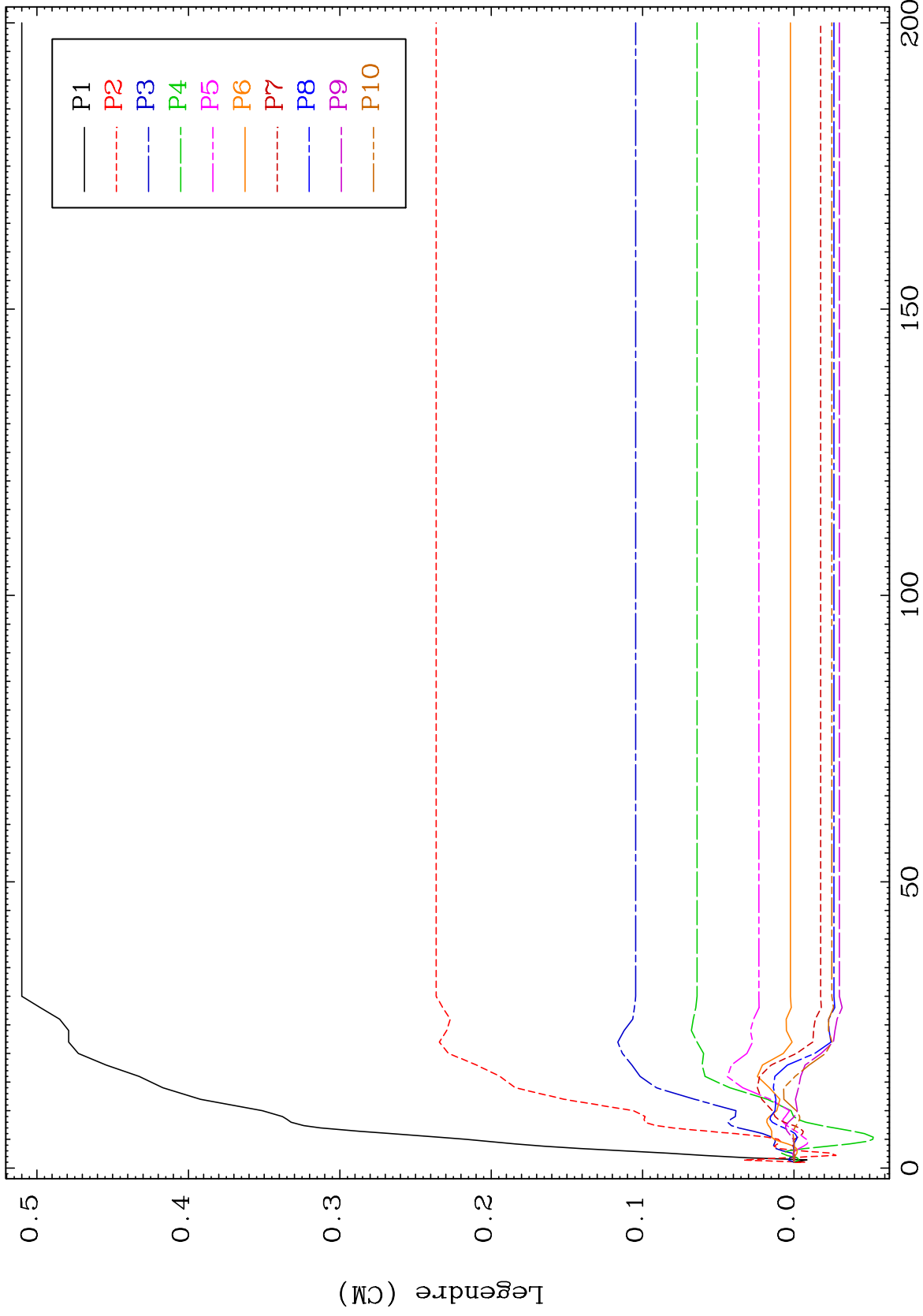
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88

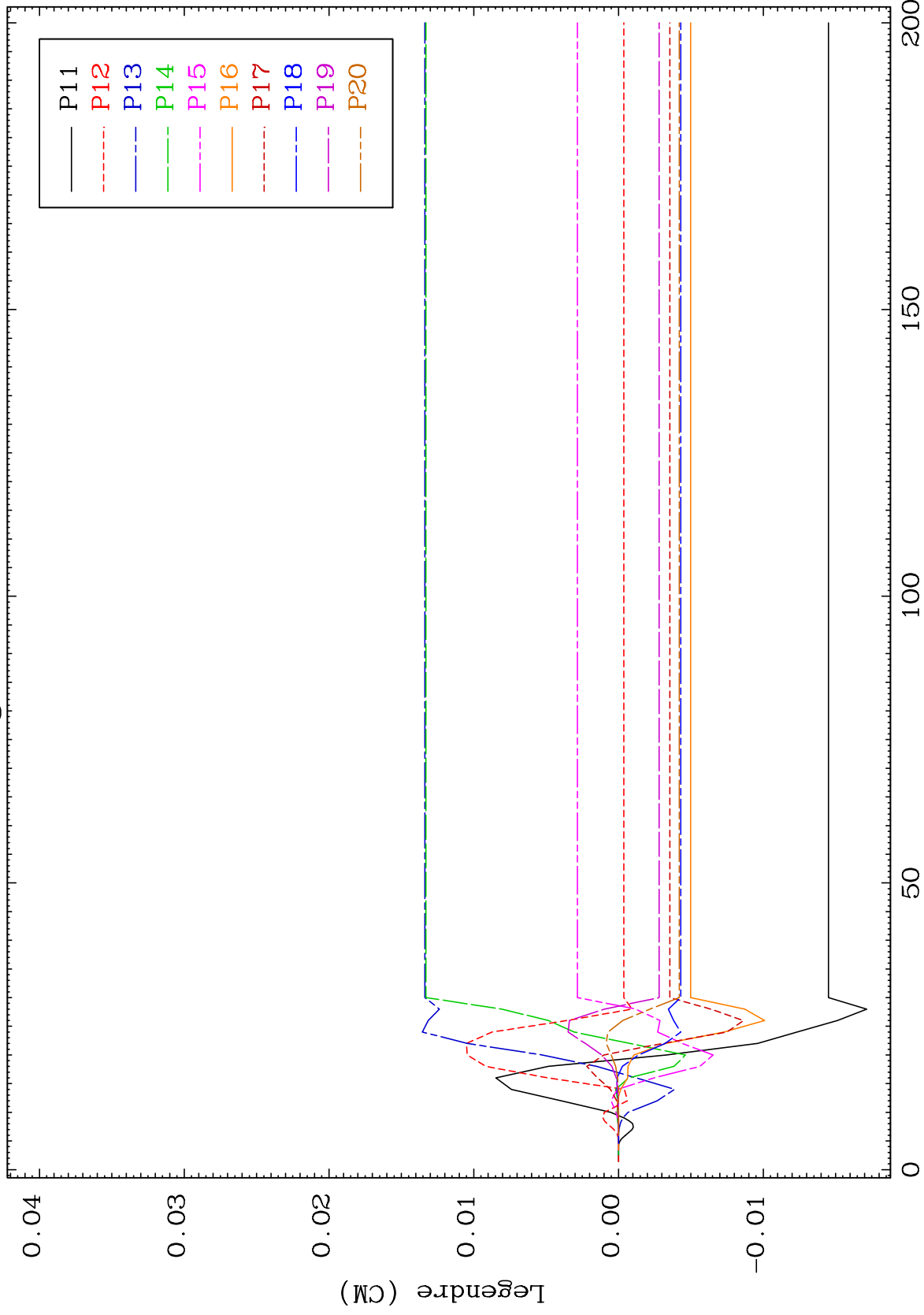
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



89

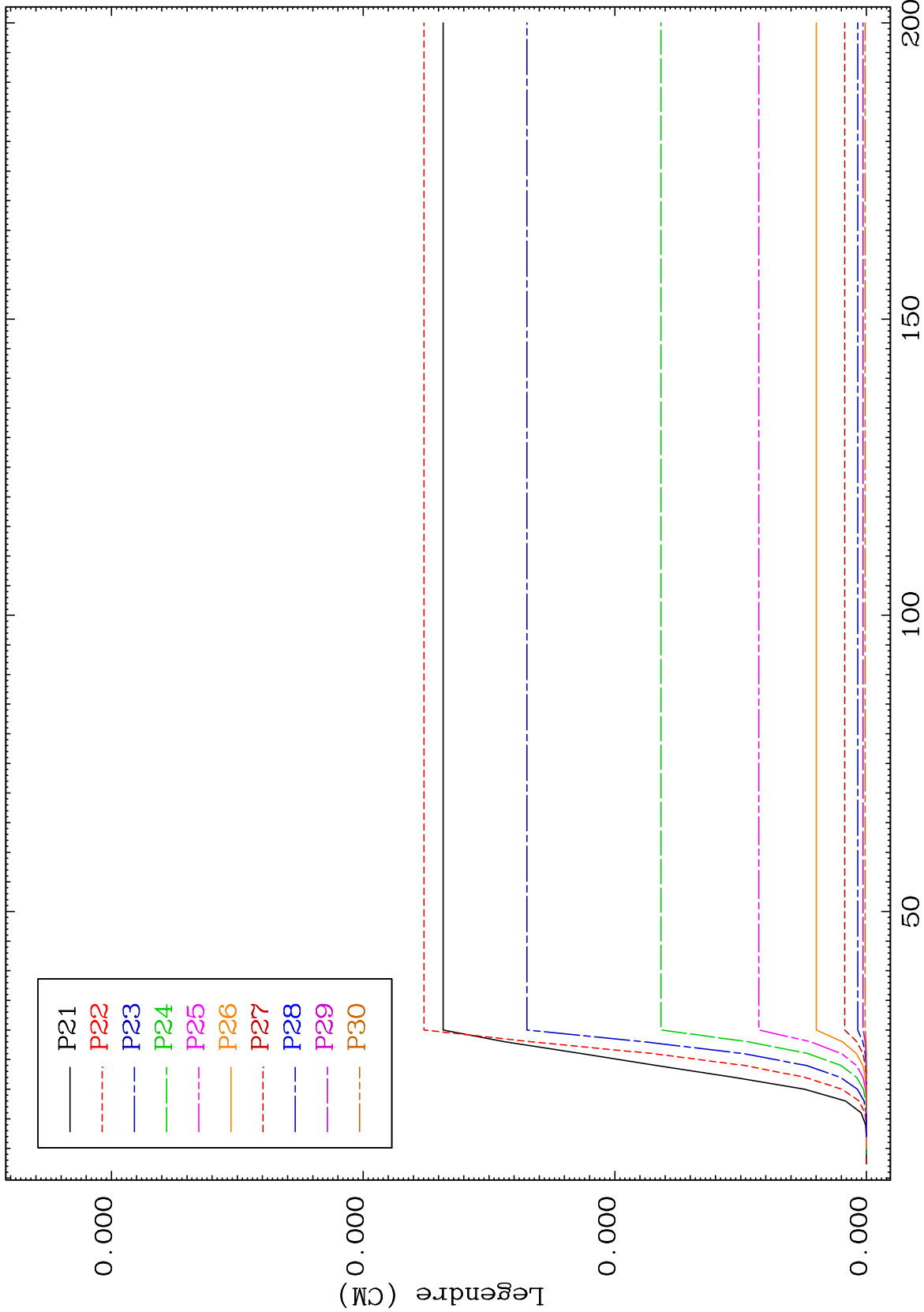
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



90

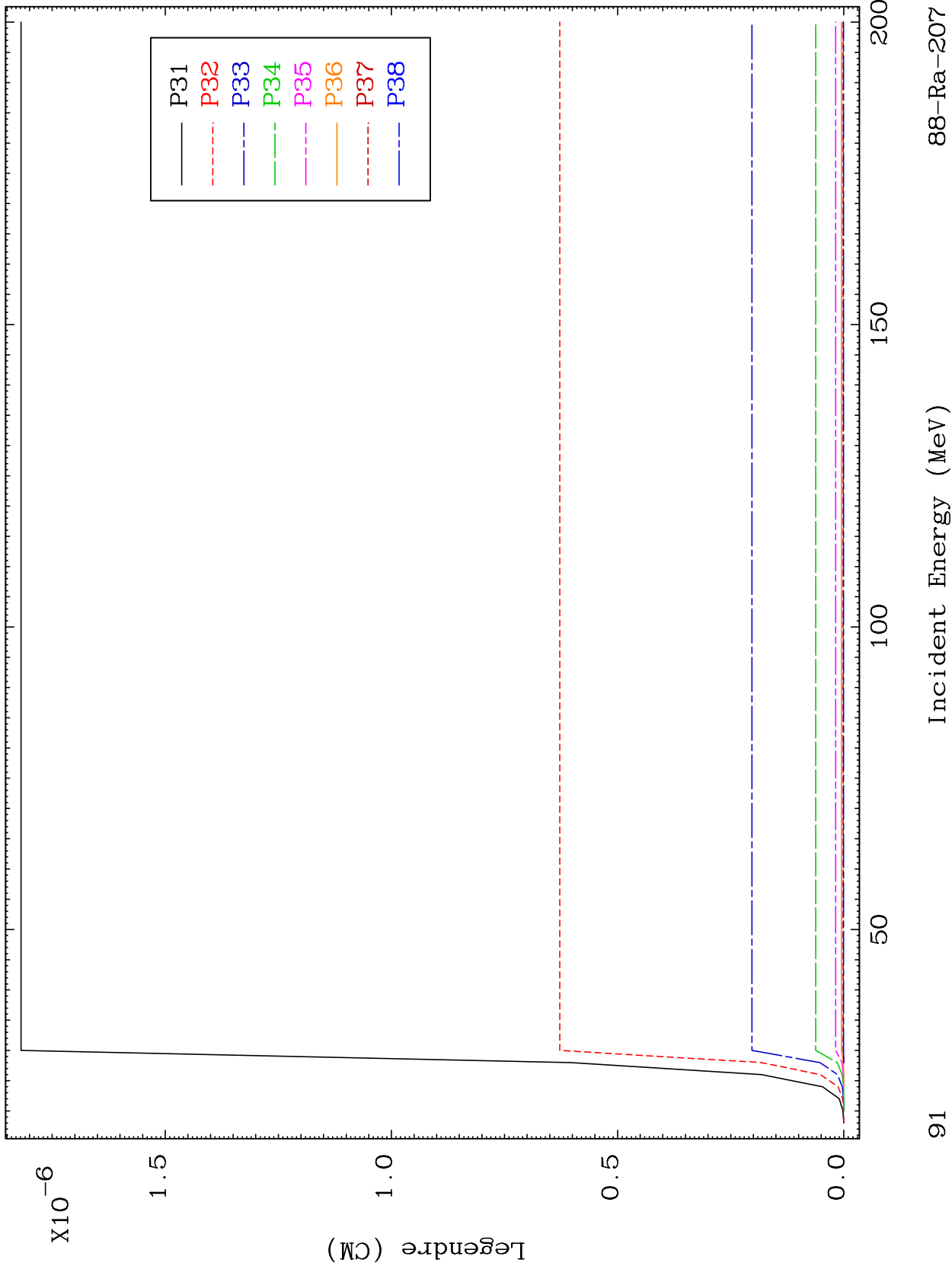
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

88-Ra-207

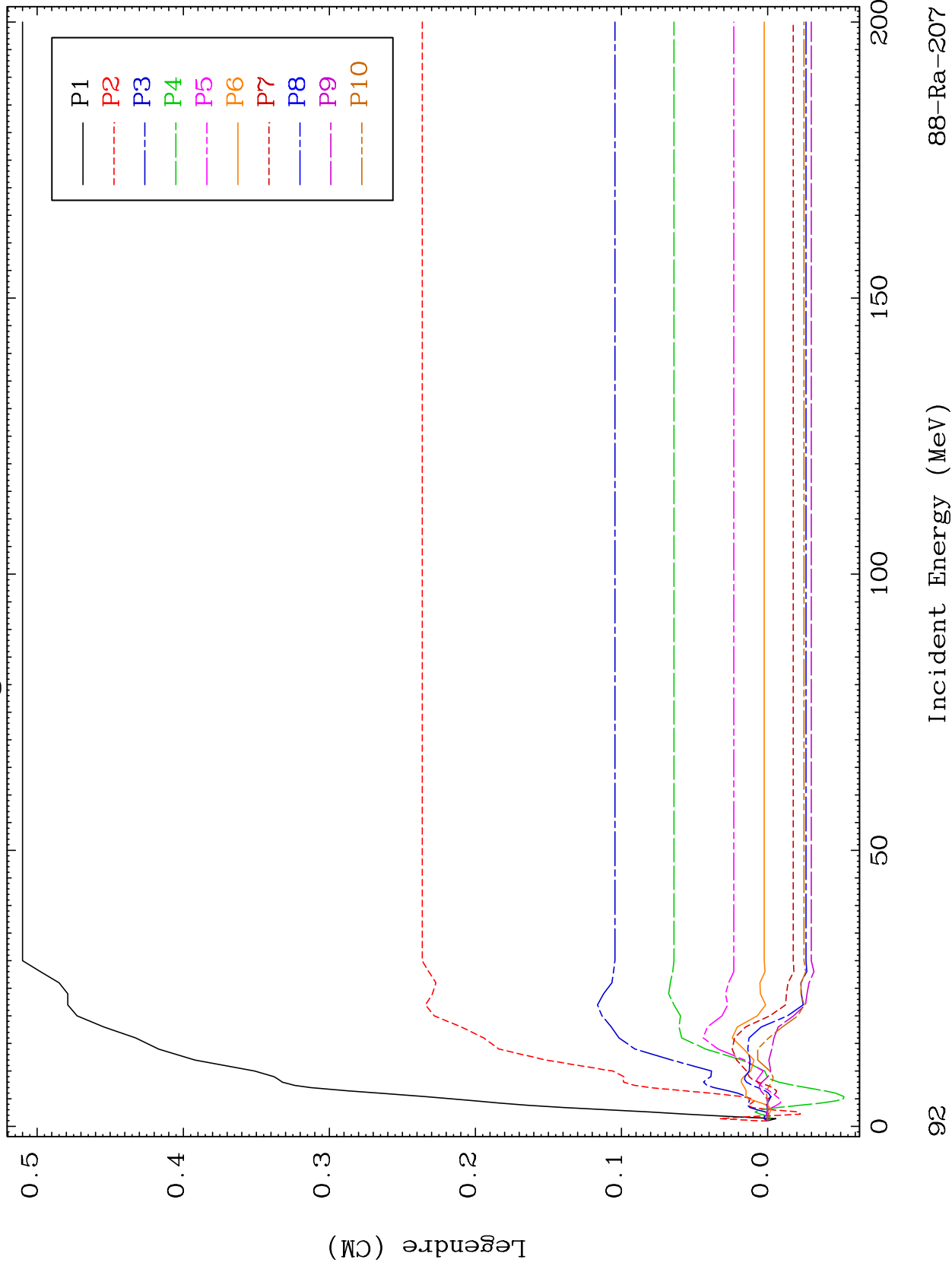


91

MAT 8777

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

88-Ra-207



88-Ra-207

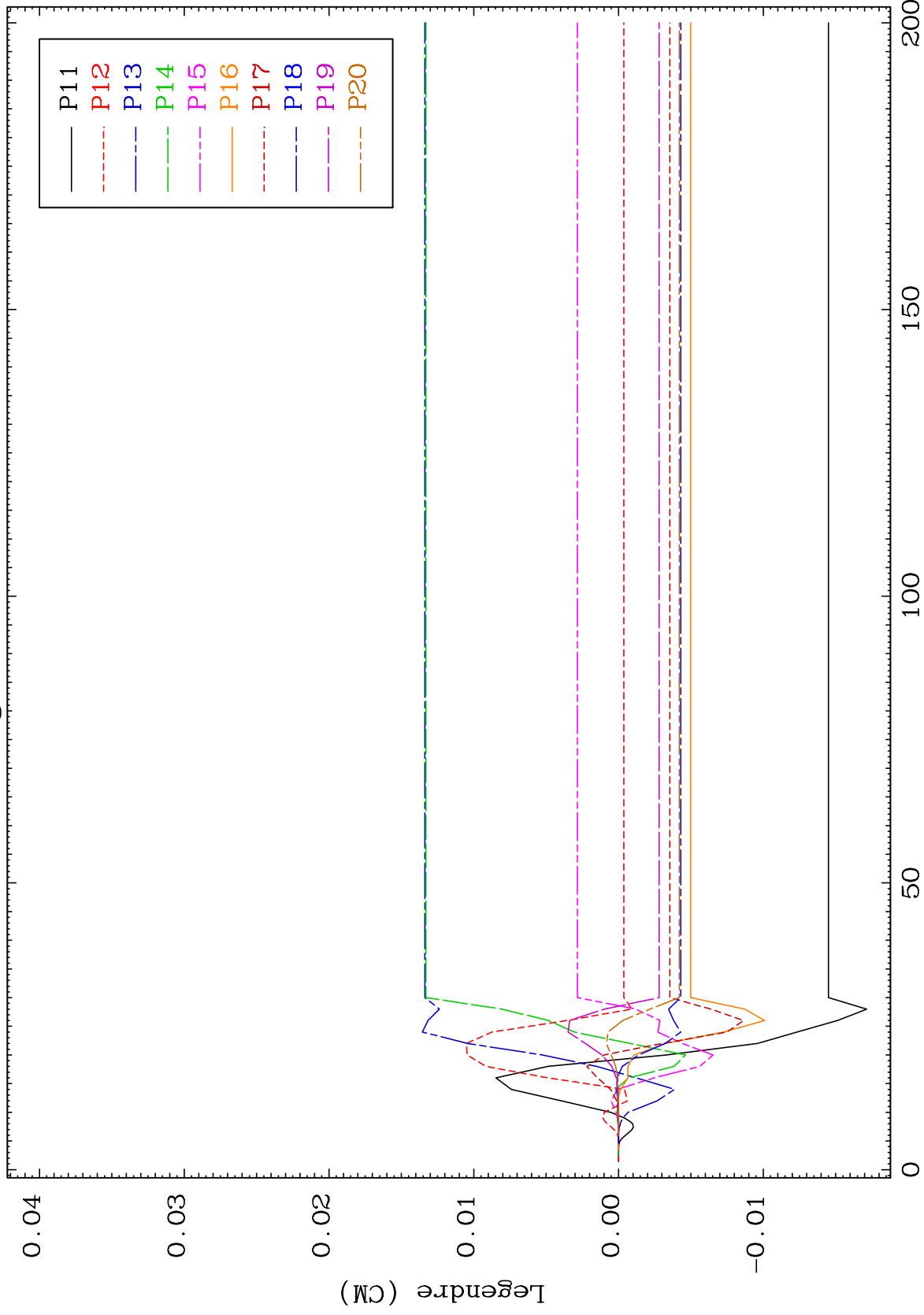
Incident Energy (MeV)

92

MAT 8777

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

88-Ra-207



93

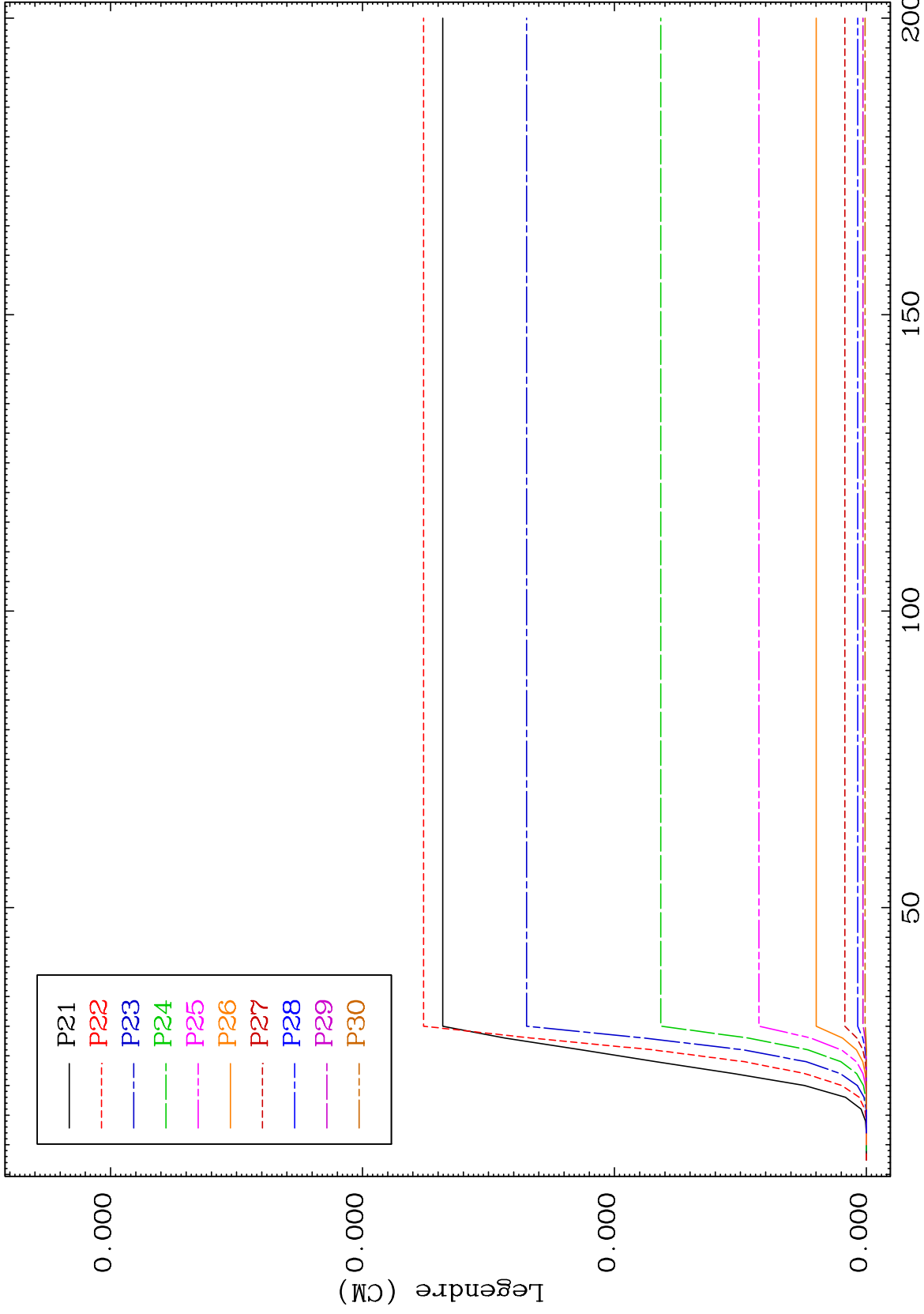
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



94

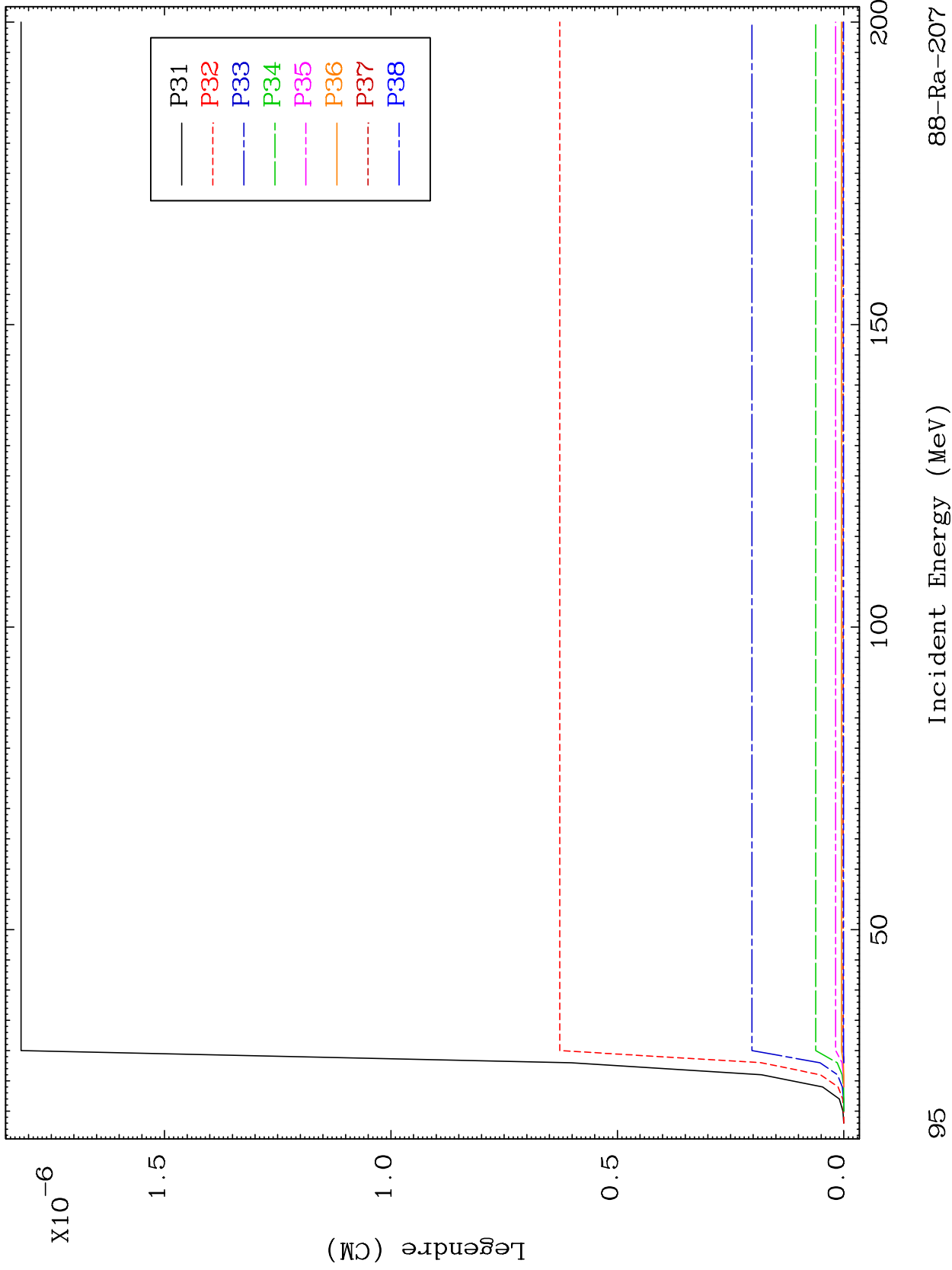
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



95

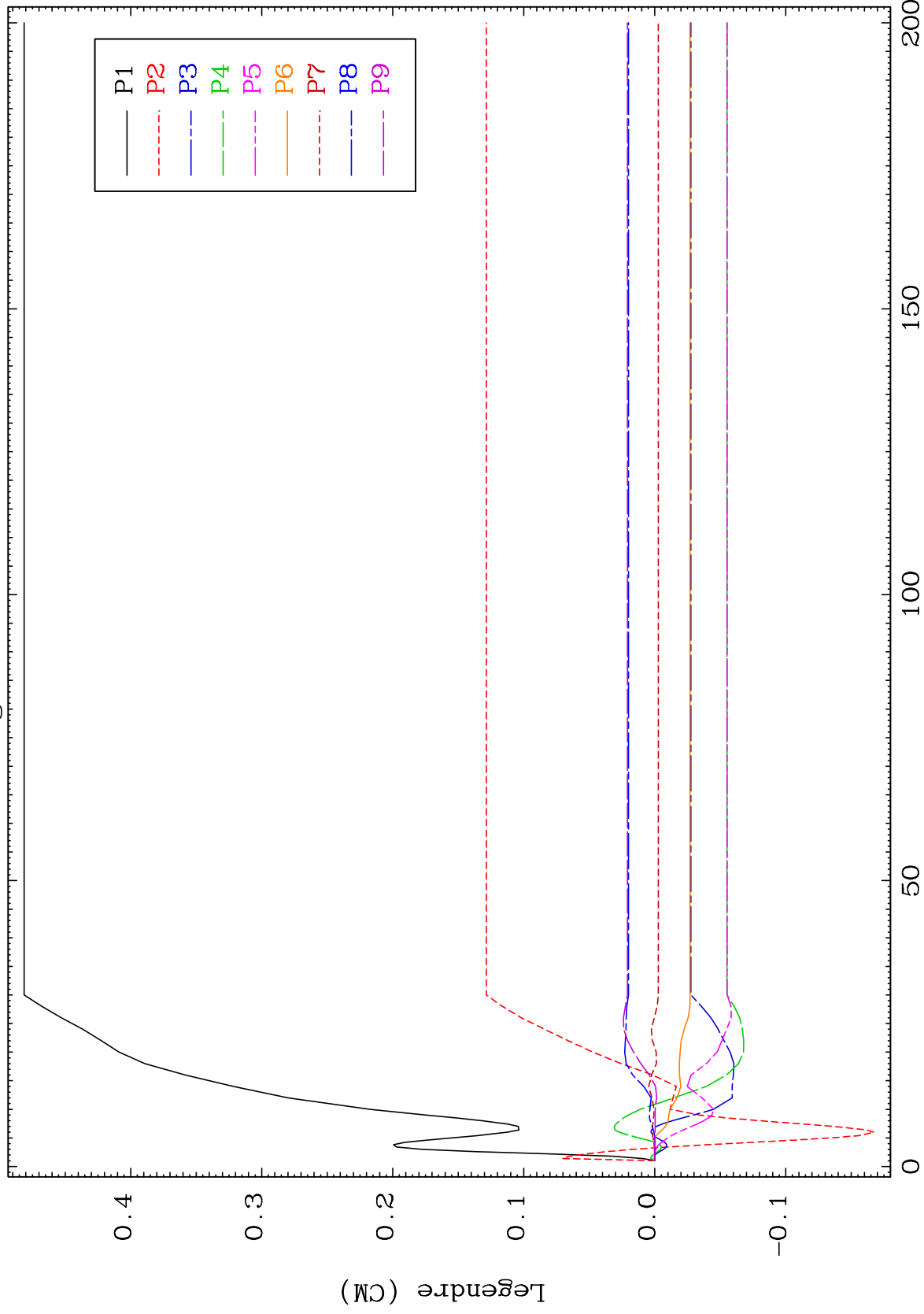
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



96

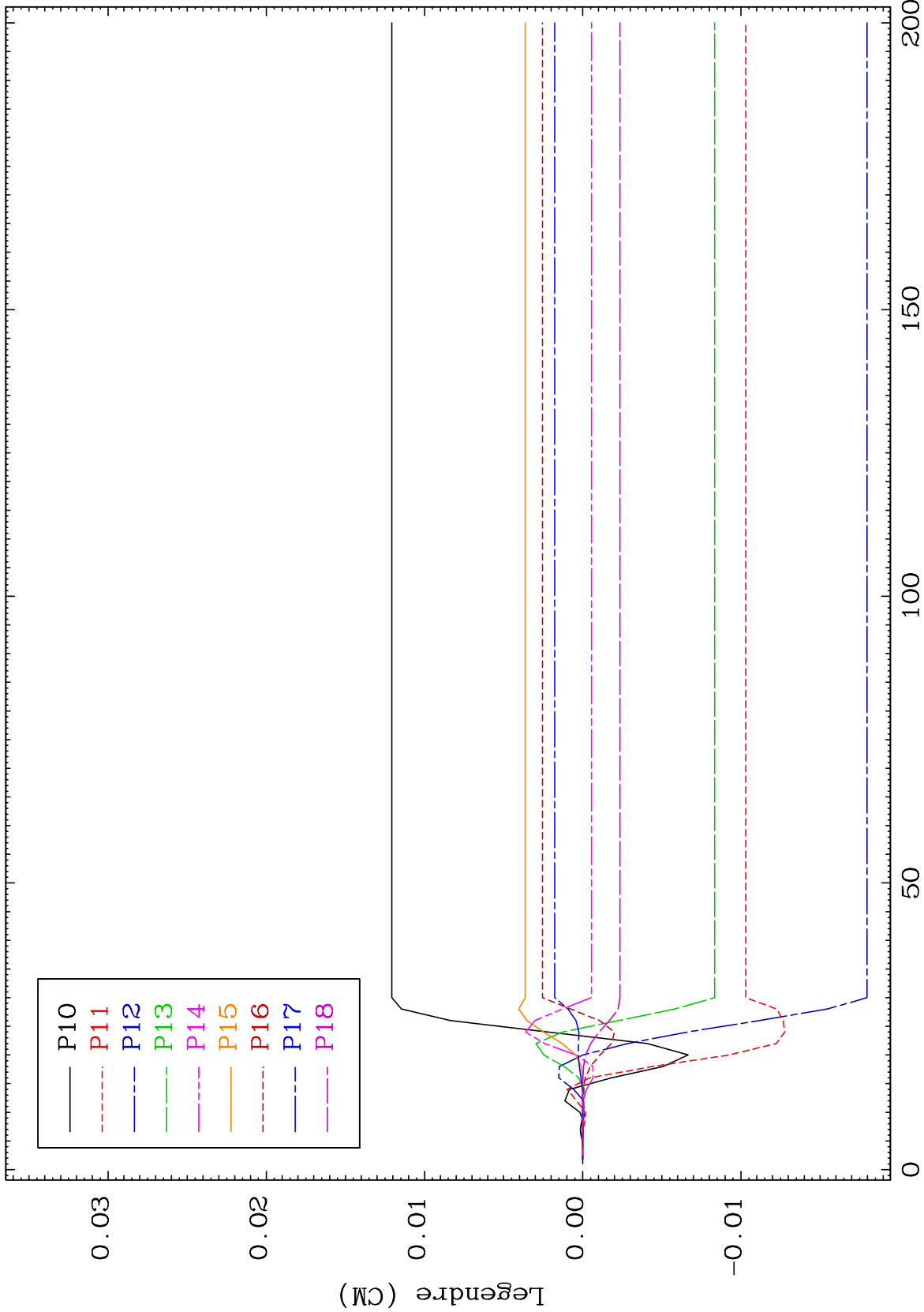
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



97

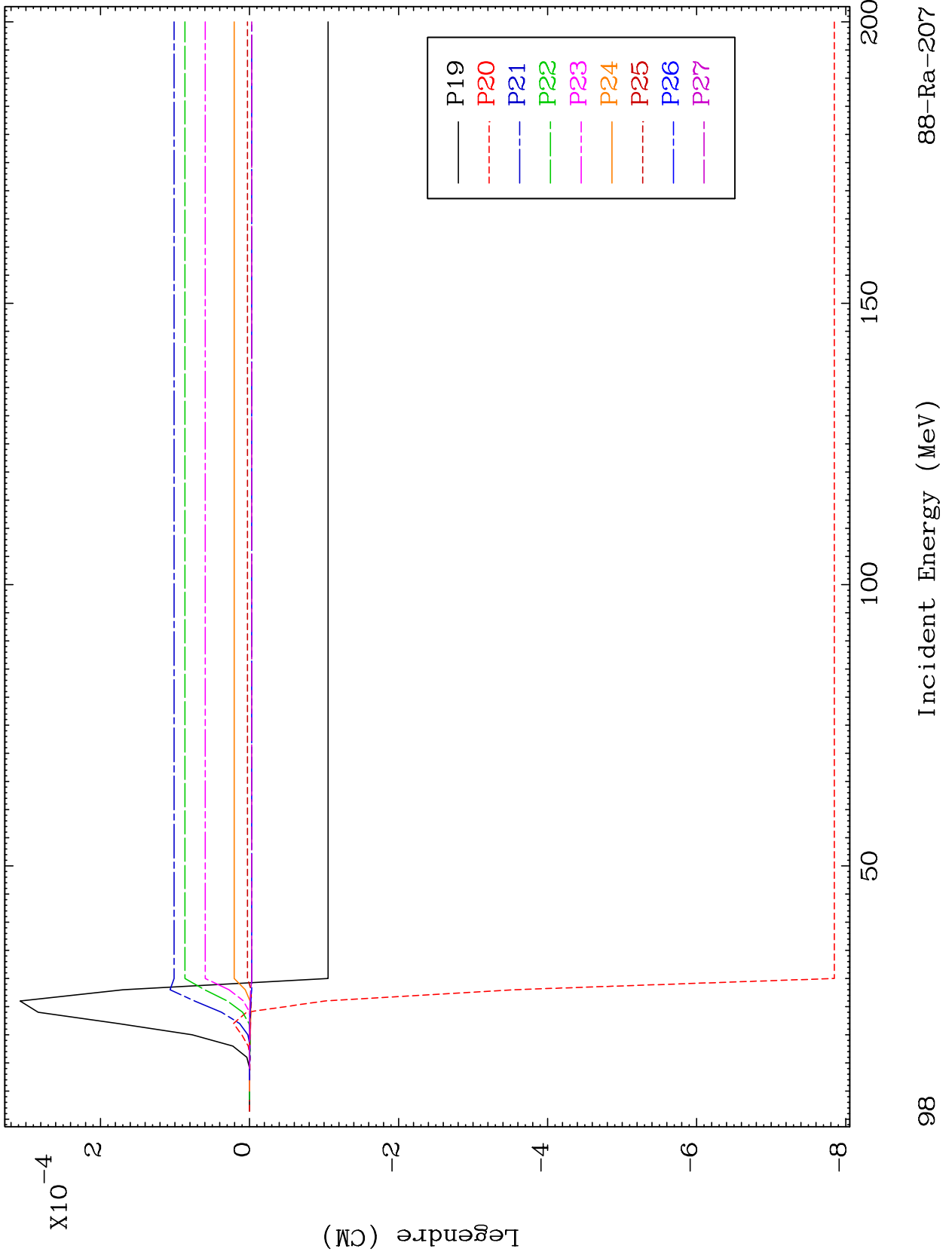
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

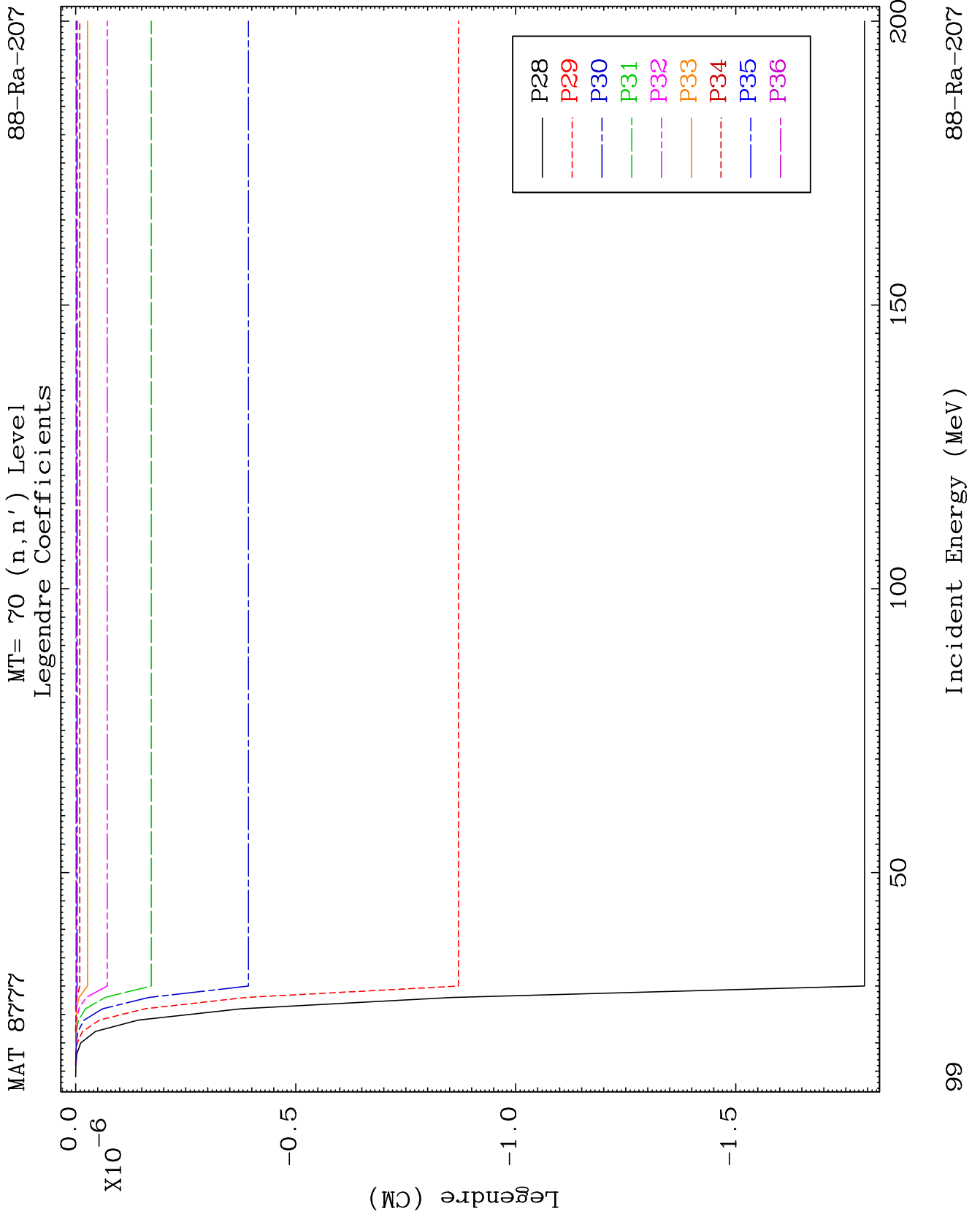
88-Ra-207



98

Incident Energy (MeV)

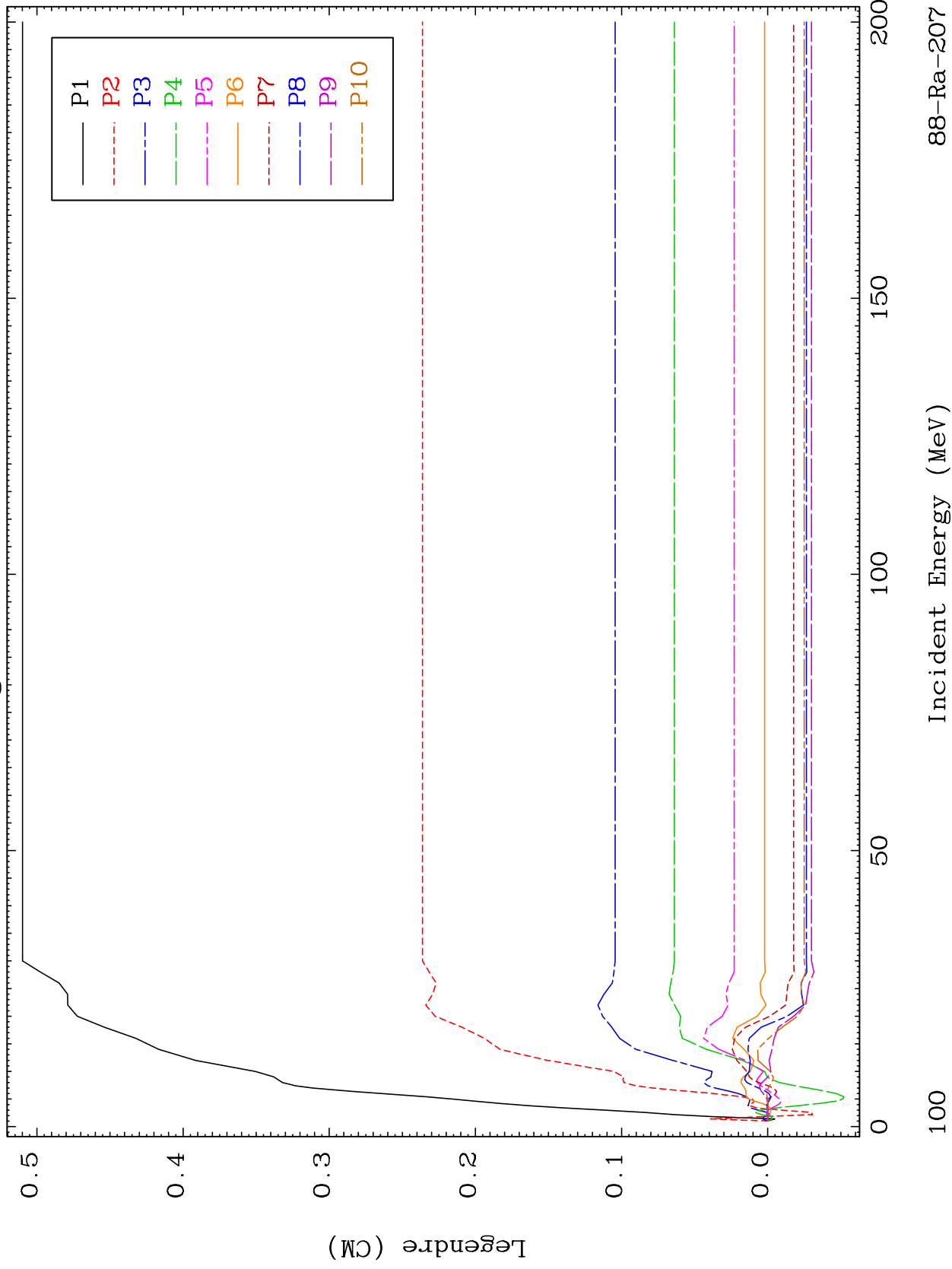
88-Ra-207



MAT 87777

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

88-Ra-207



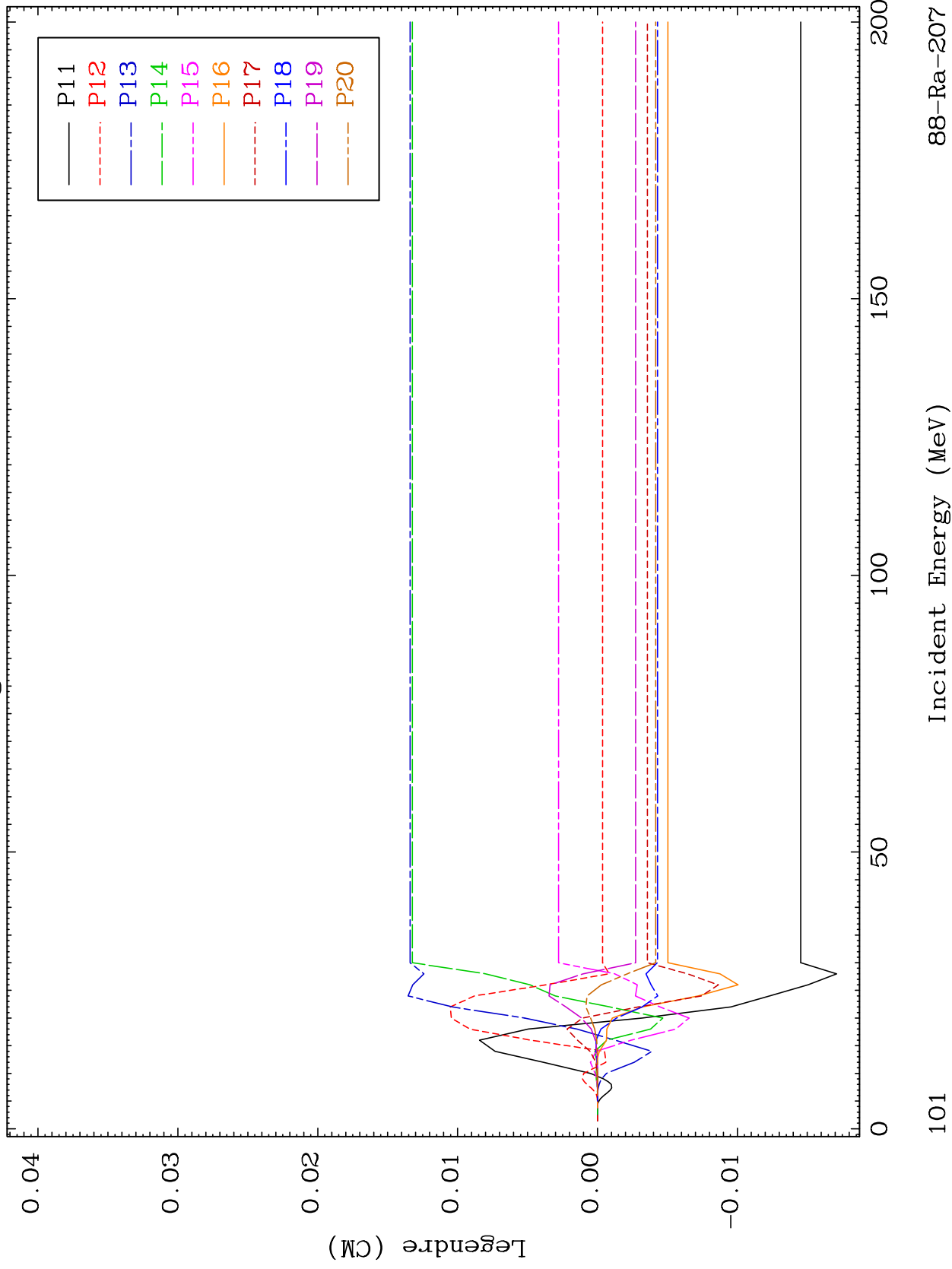
88-Ra-207

Incident Energy (MeV)

MAT 8777

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

88-Ra-207



88-Ra-207

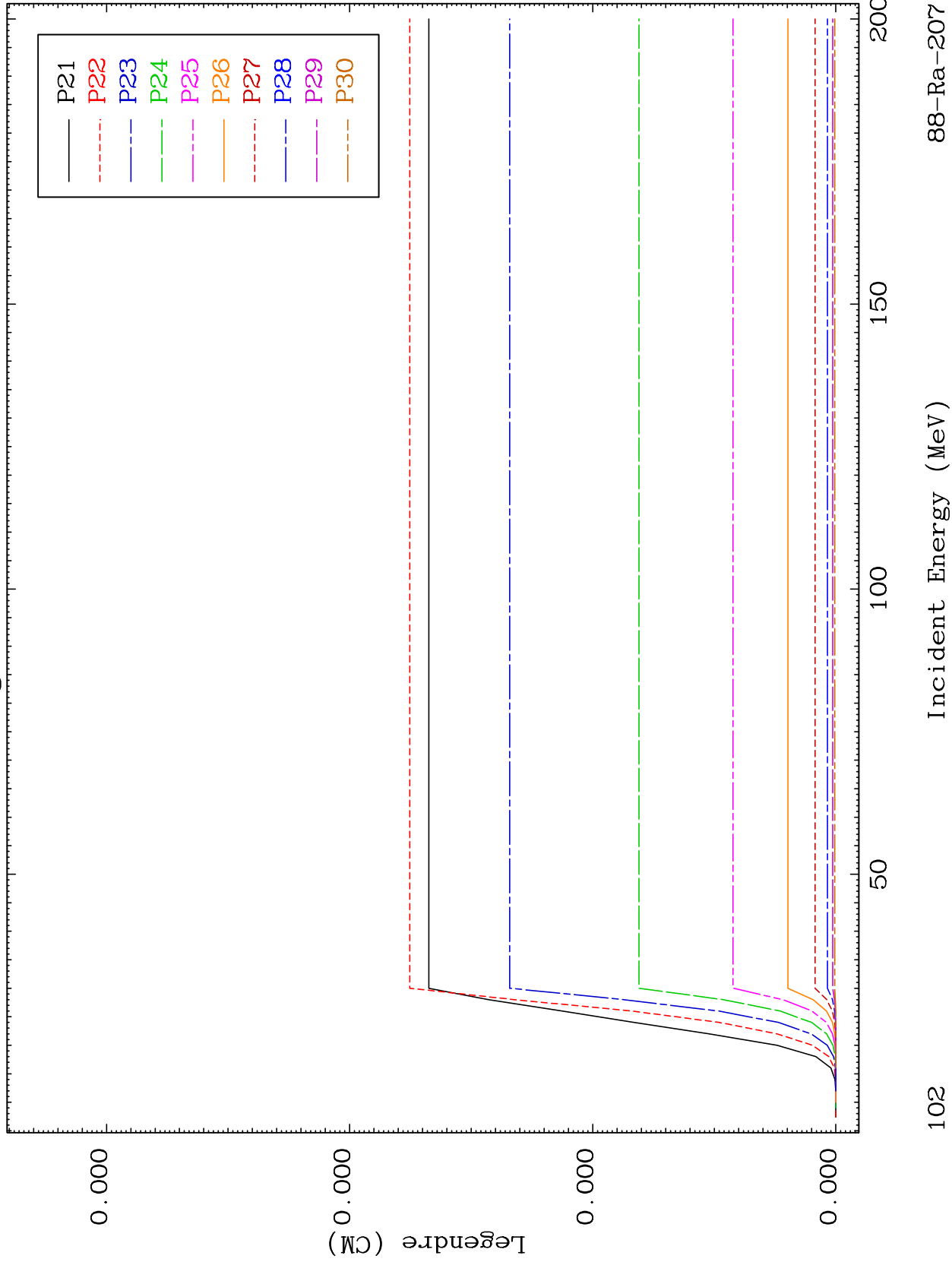
Incident Energy (MeV)

101

MAT 8777

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

88-Ra-207

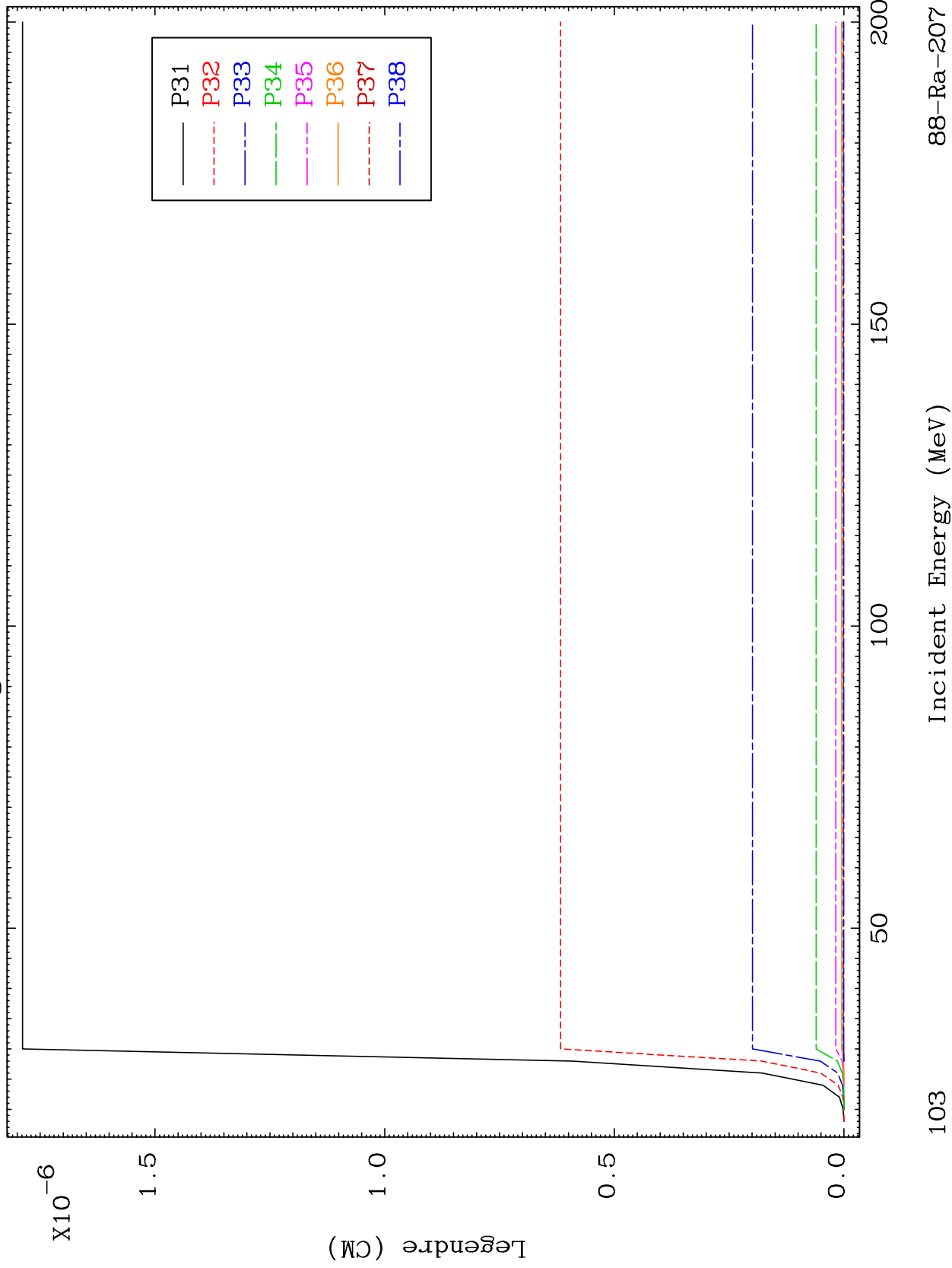


102

MAT 8777

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

88-Ra-207

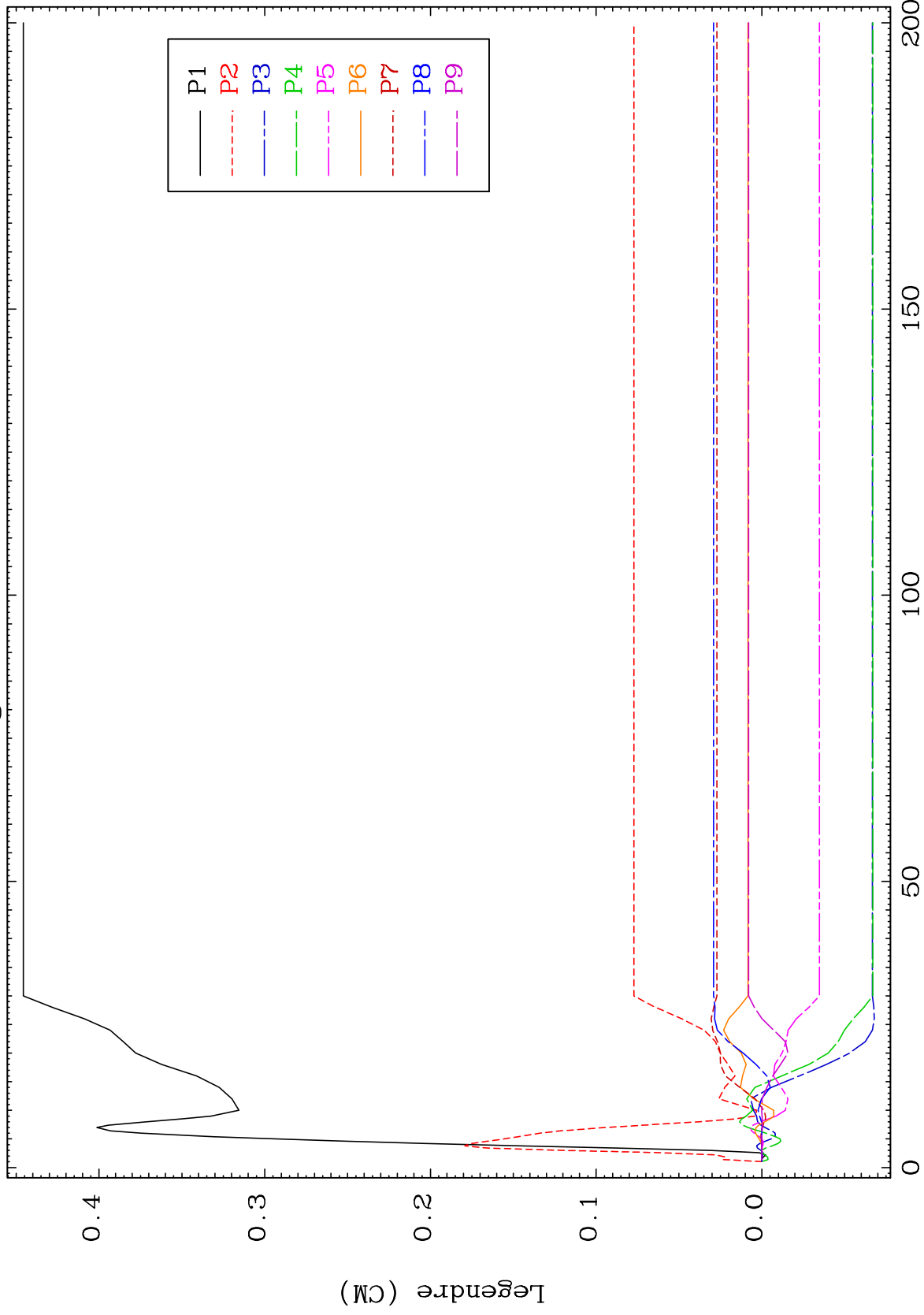


103

MAT 87777

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

88-Ra-207



104

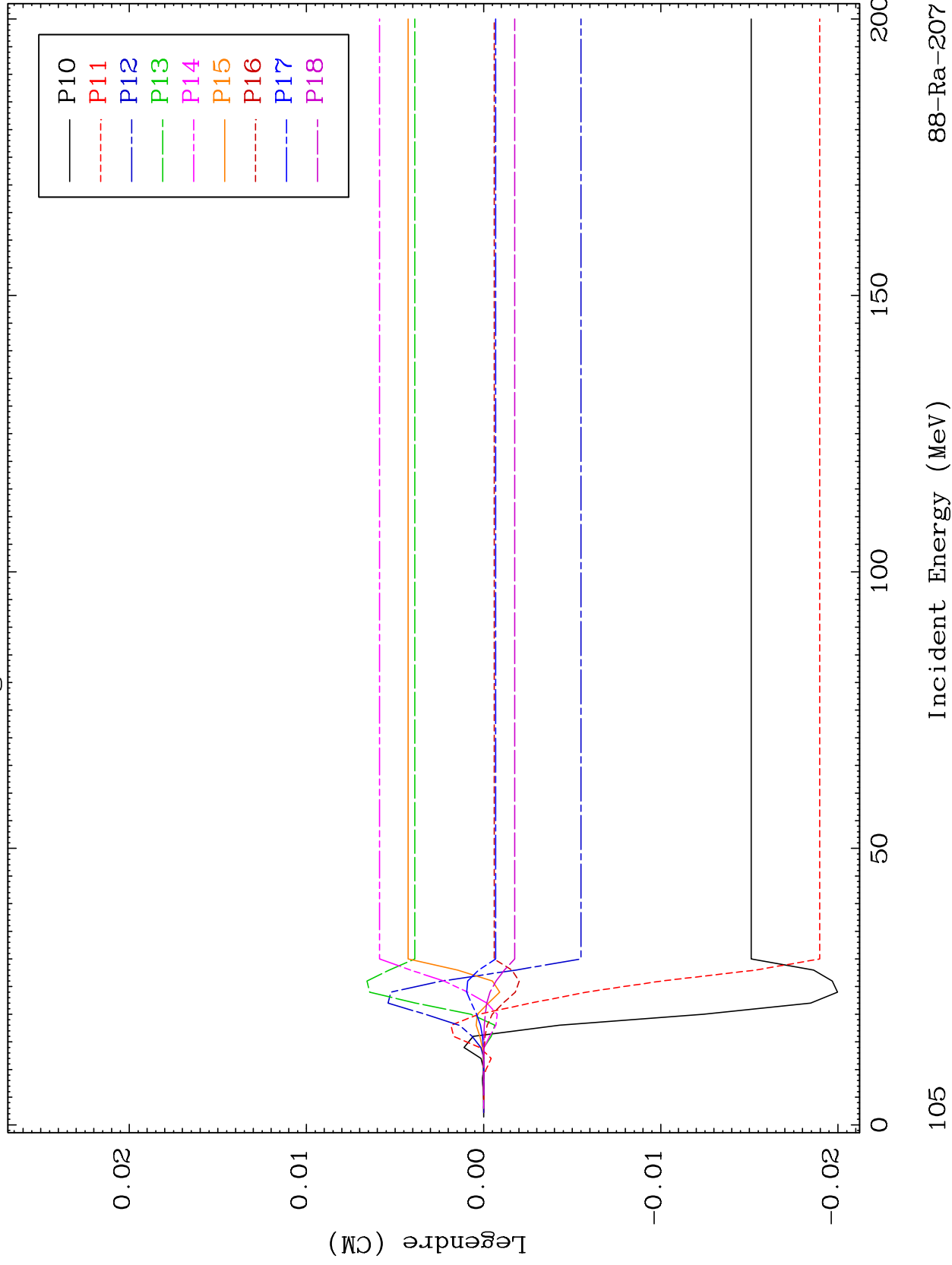
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

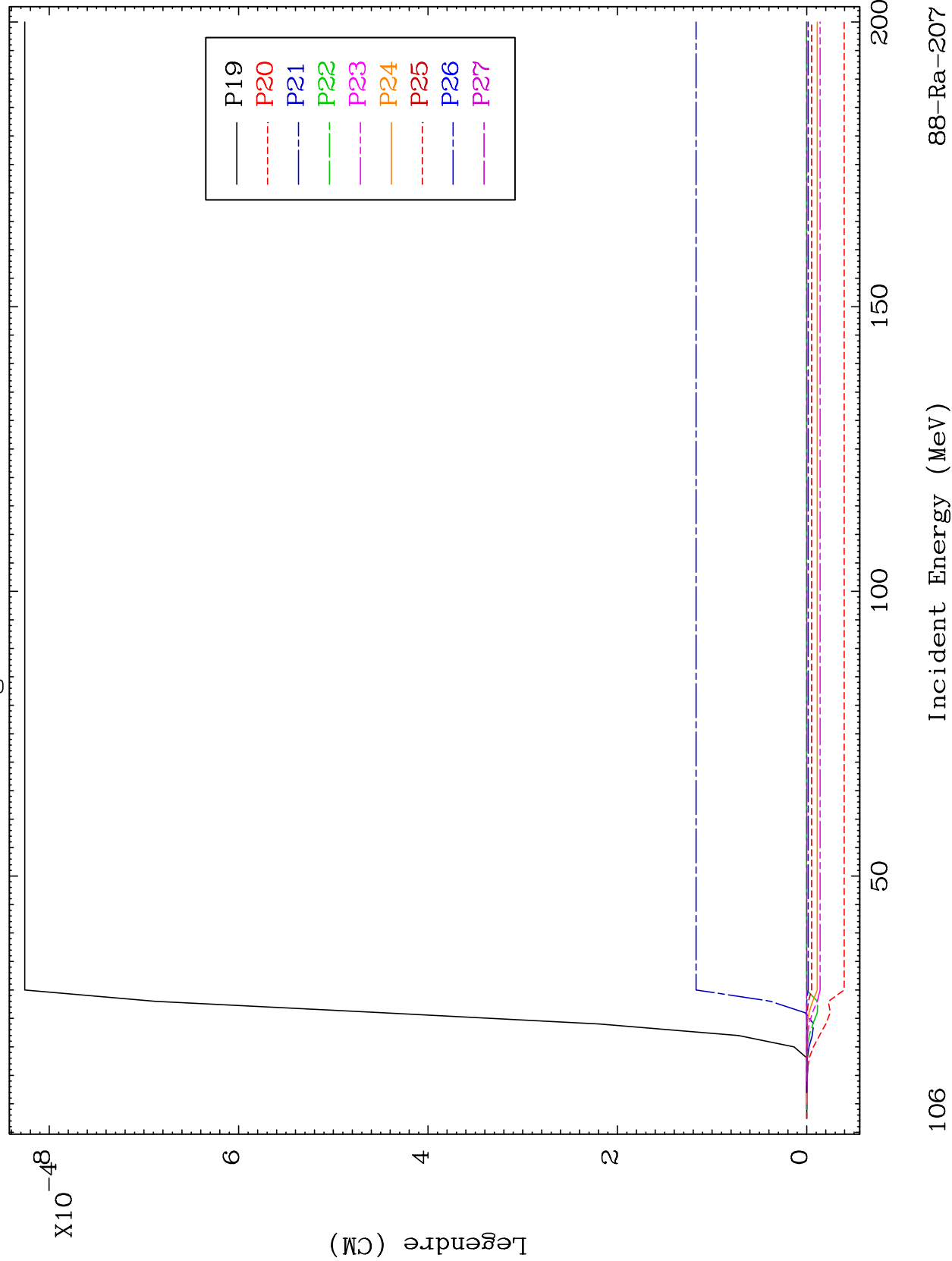
Incident Energy (MeV)

105

MAT 87777

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

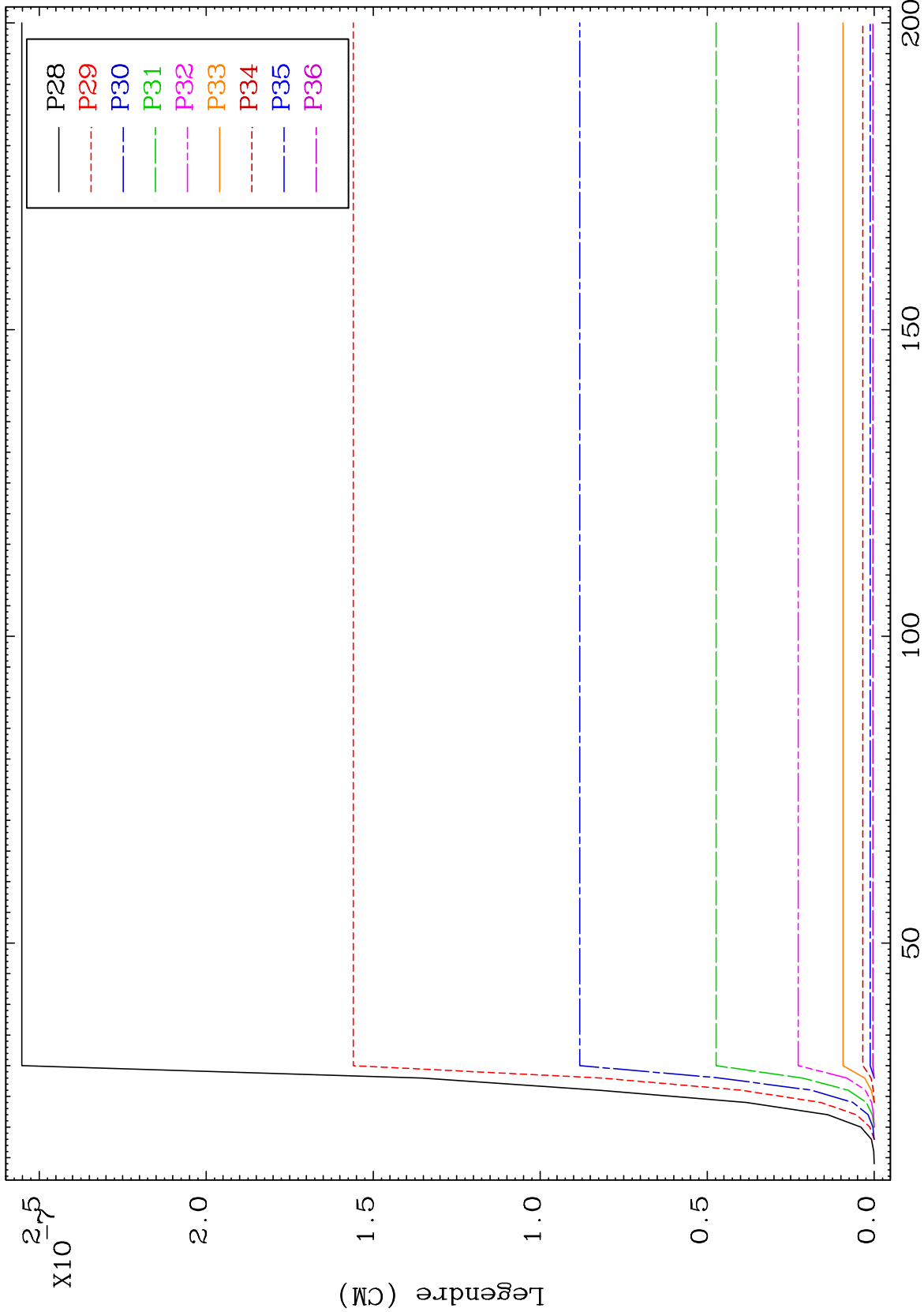
88-Ra-207



MAT 8777

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

88-Ra-207



107

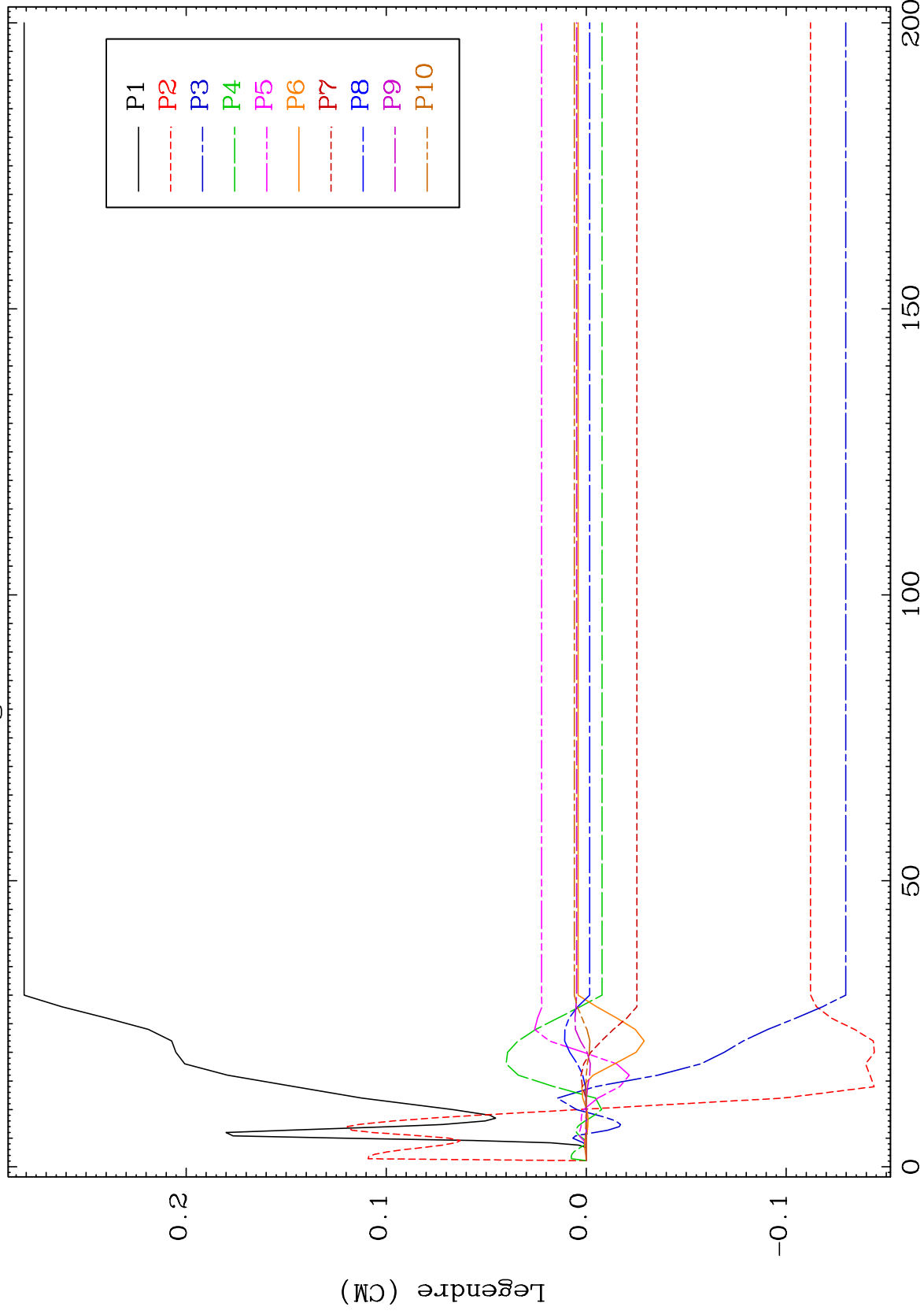
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



108

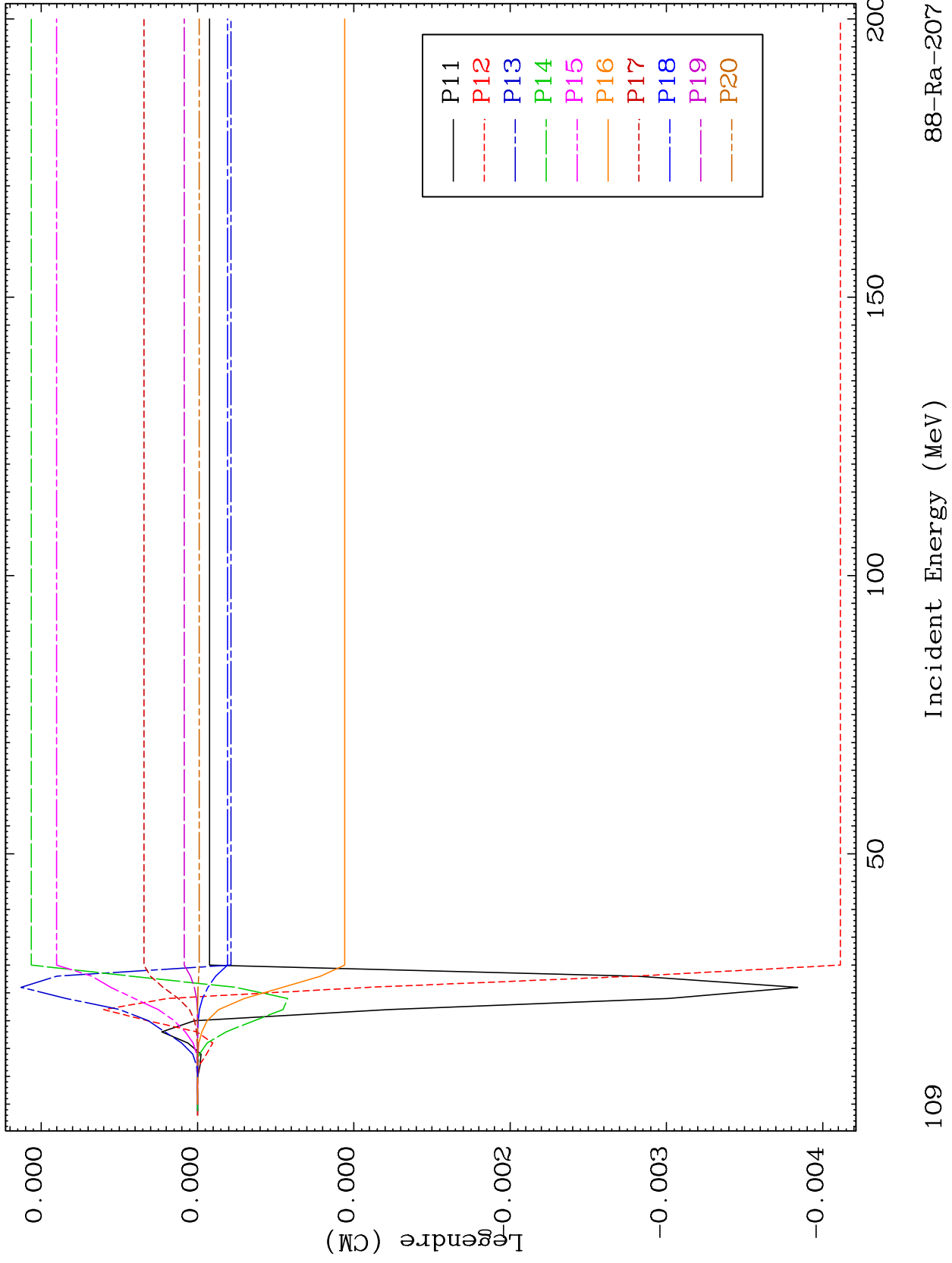
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

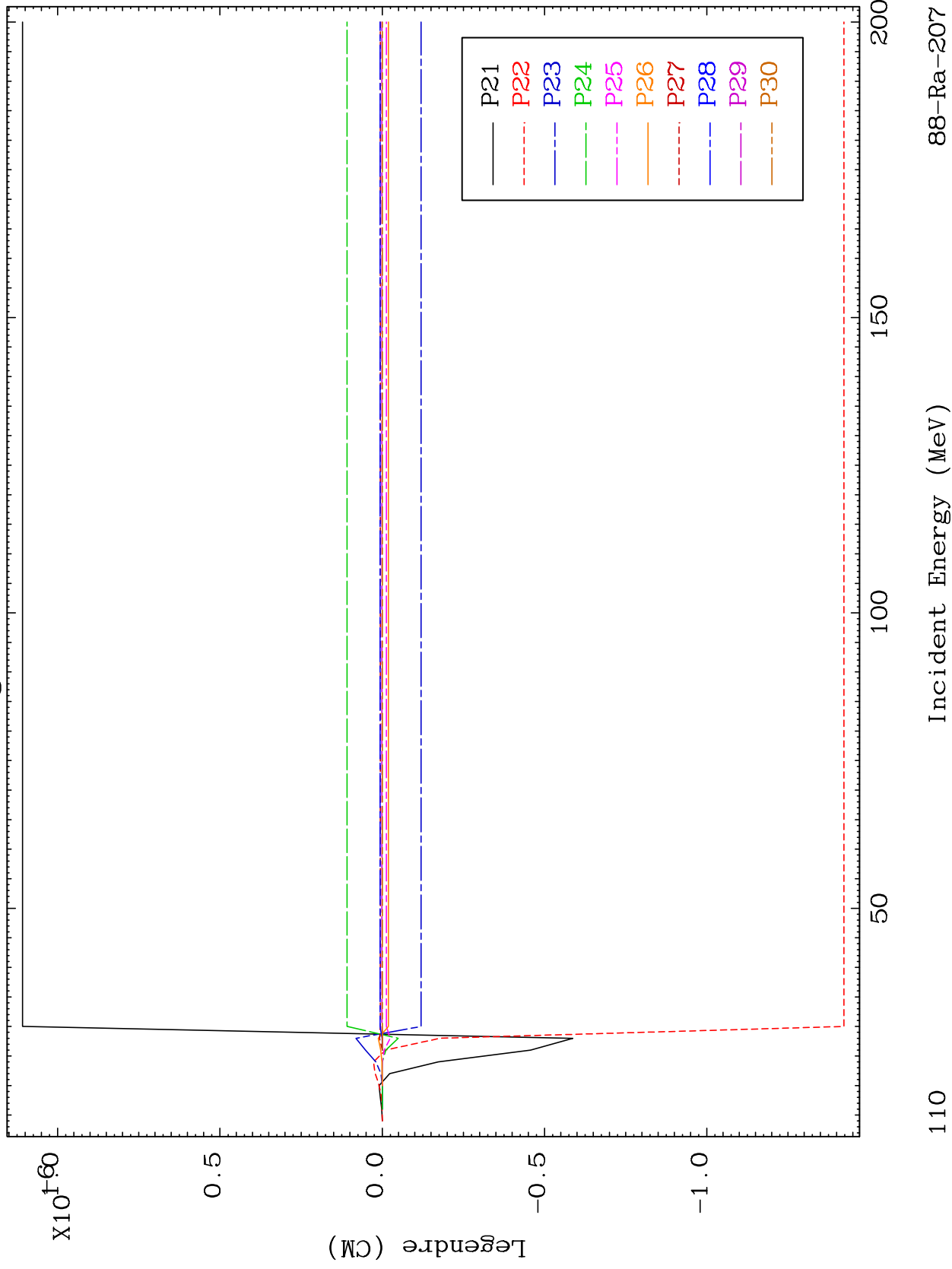
88-Ra-207



MAT 8777

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

88-Ra-207



110

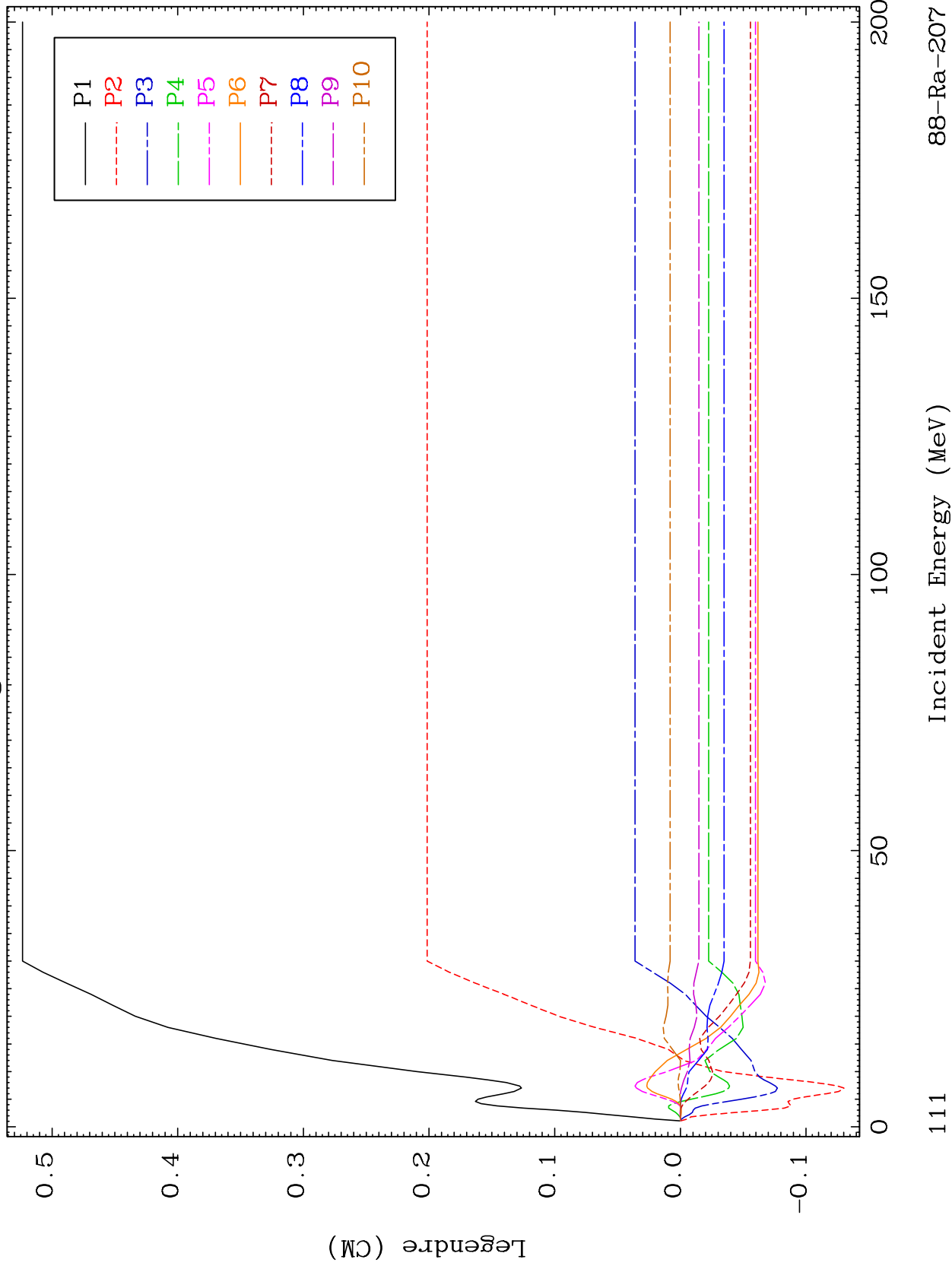
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

88-Ra-207



111

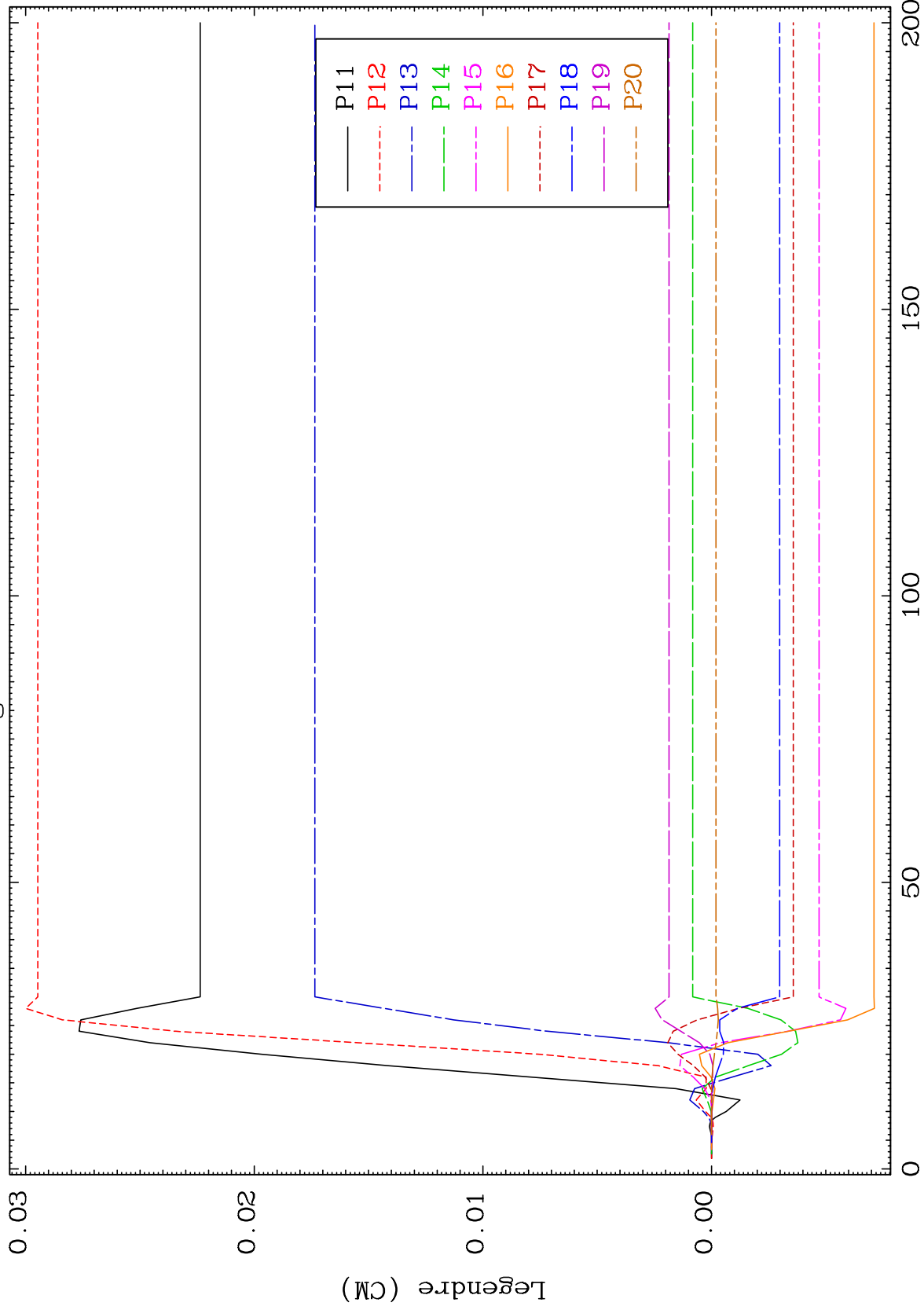
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

88-Ra-207



112

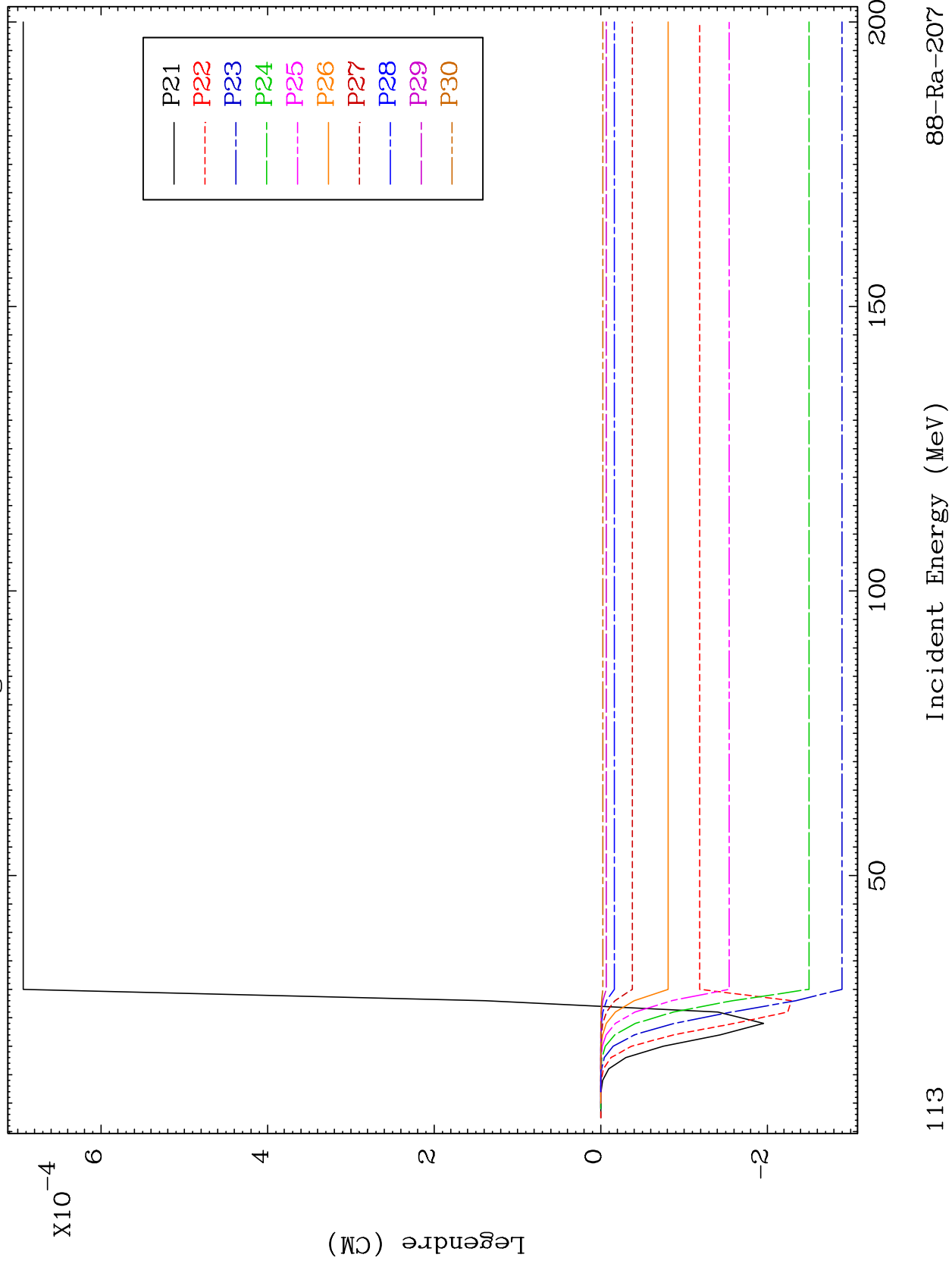
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

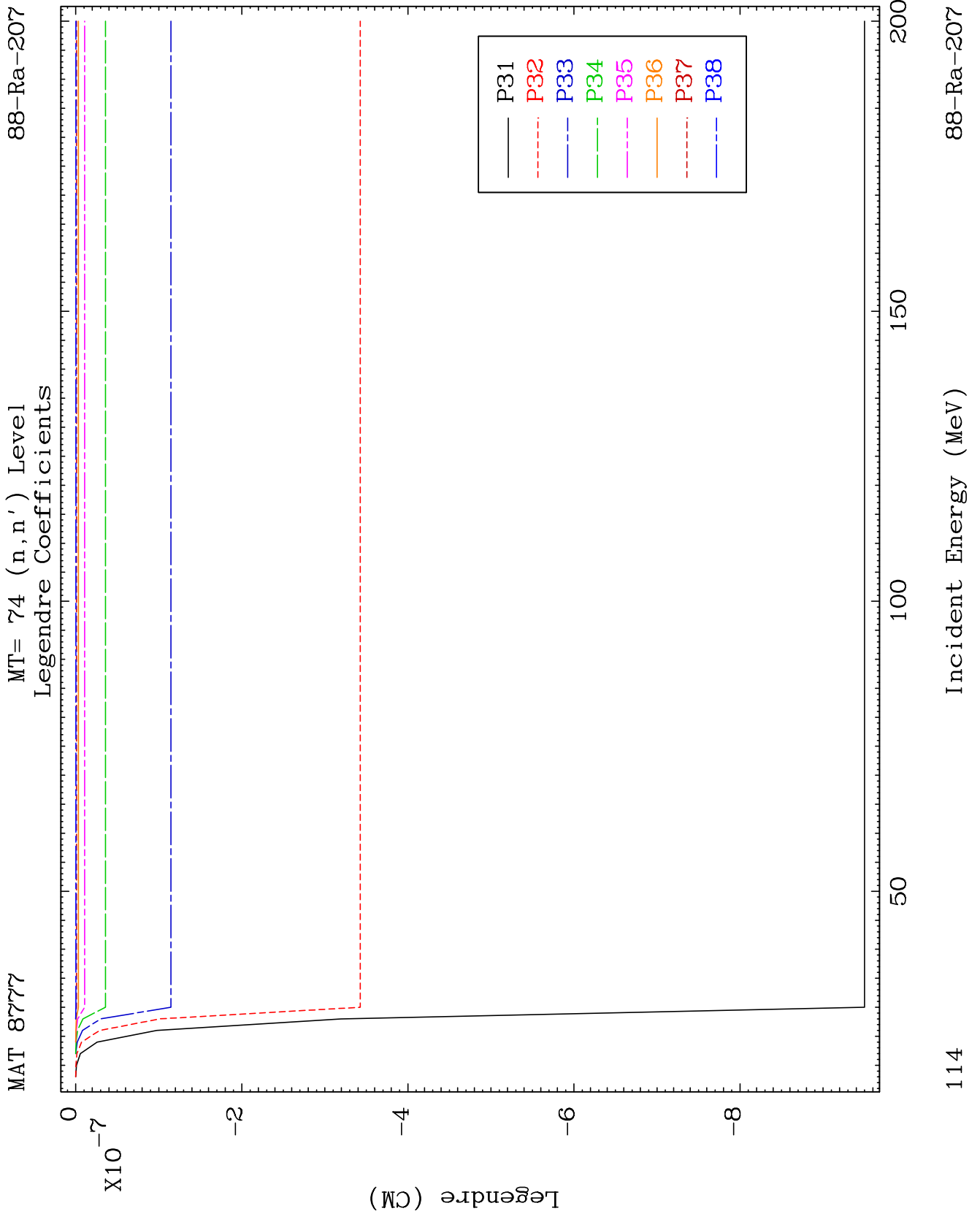
88-Ra-207



113

Incident Energy (MeV)

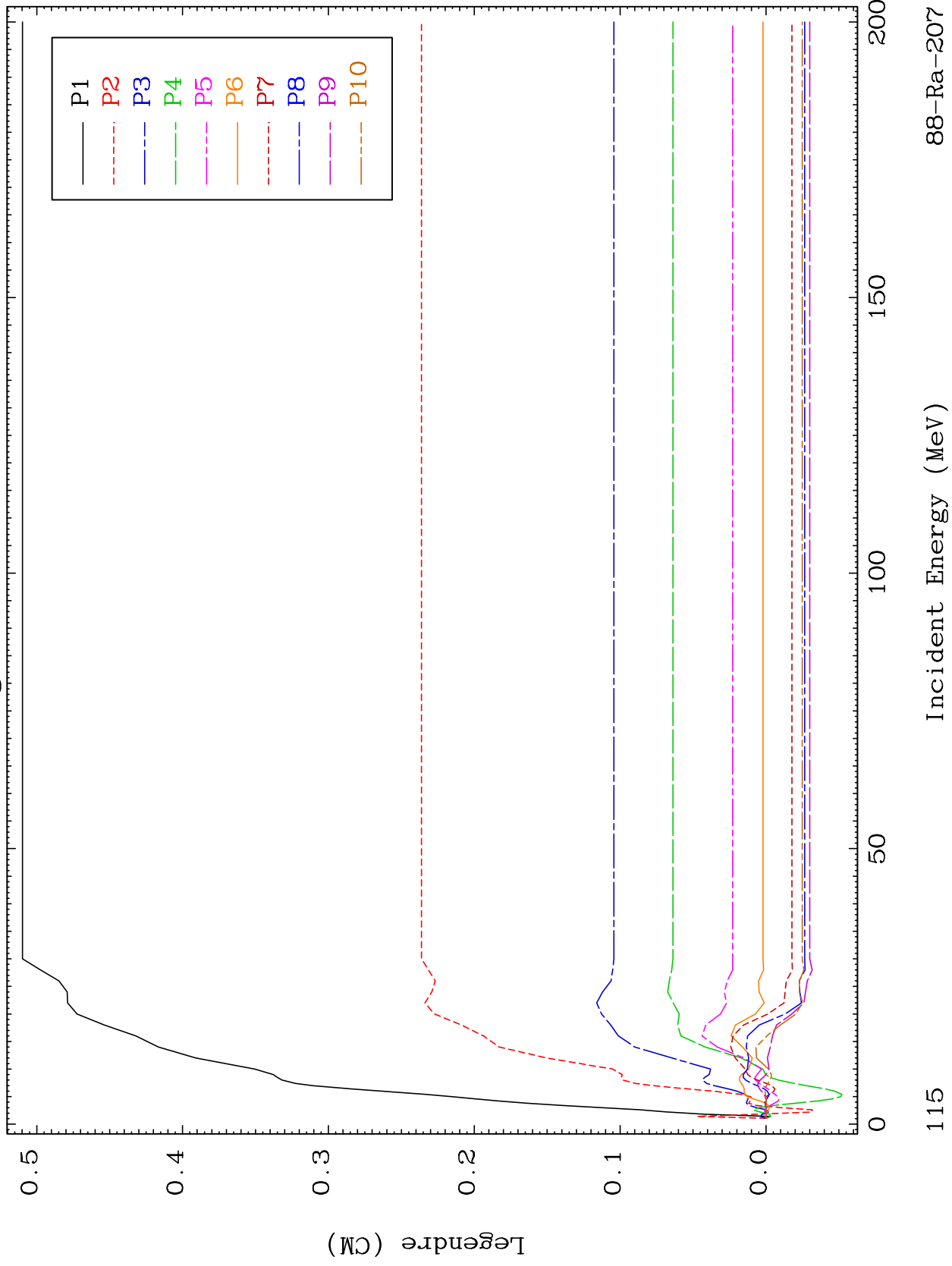
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

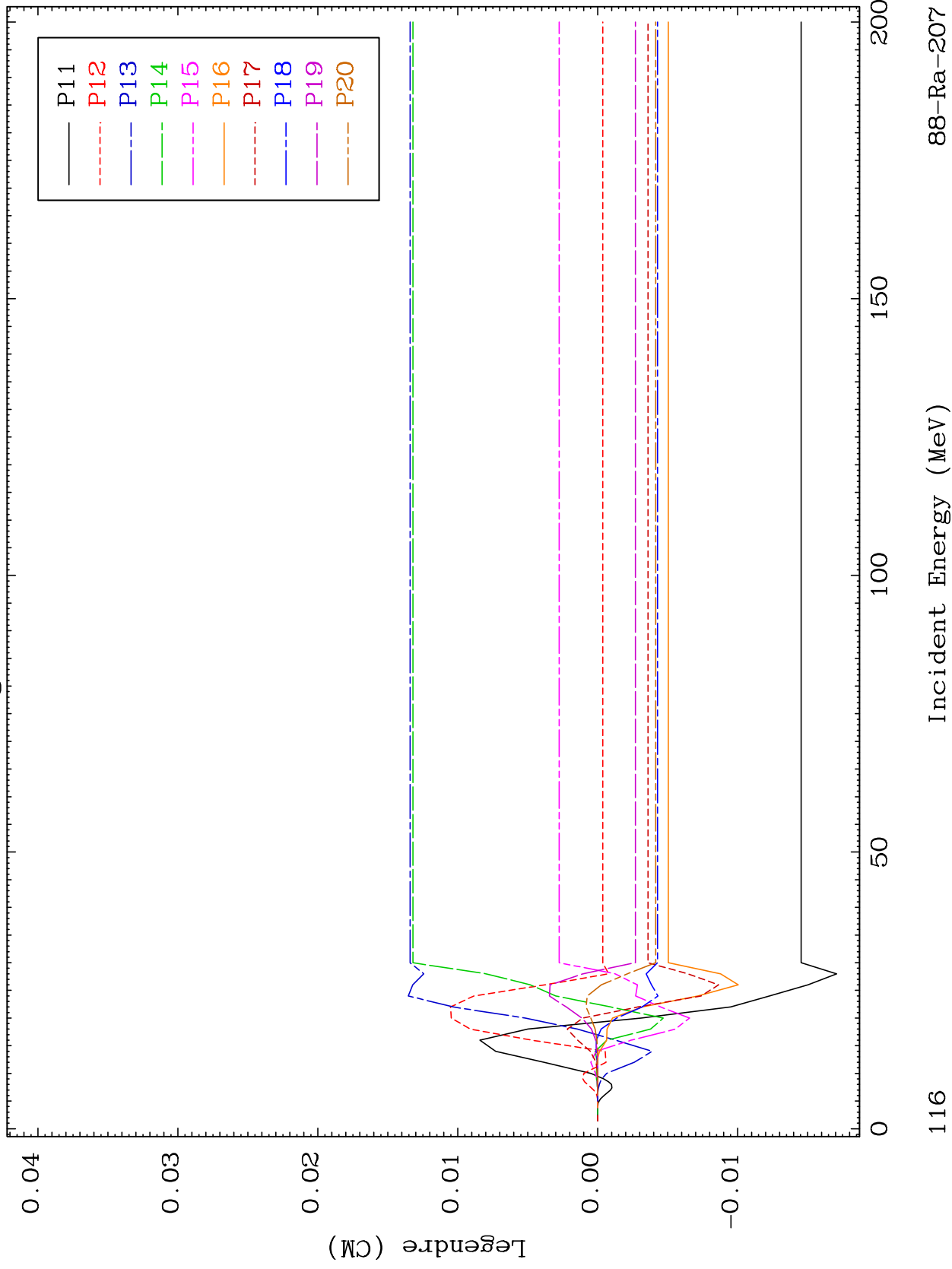
Incident Energy (MeV)

115

MAT 87777

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

88-Ra-207



116

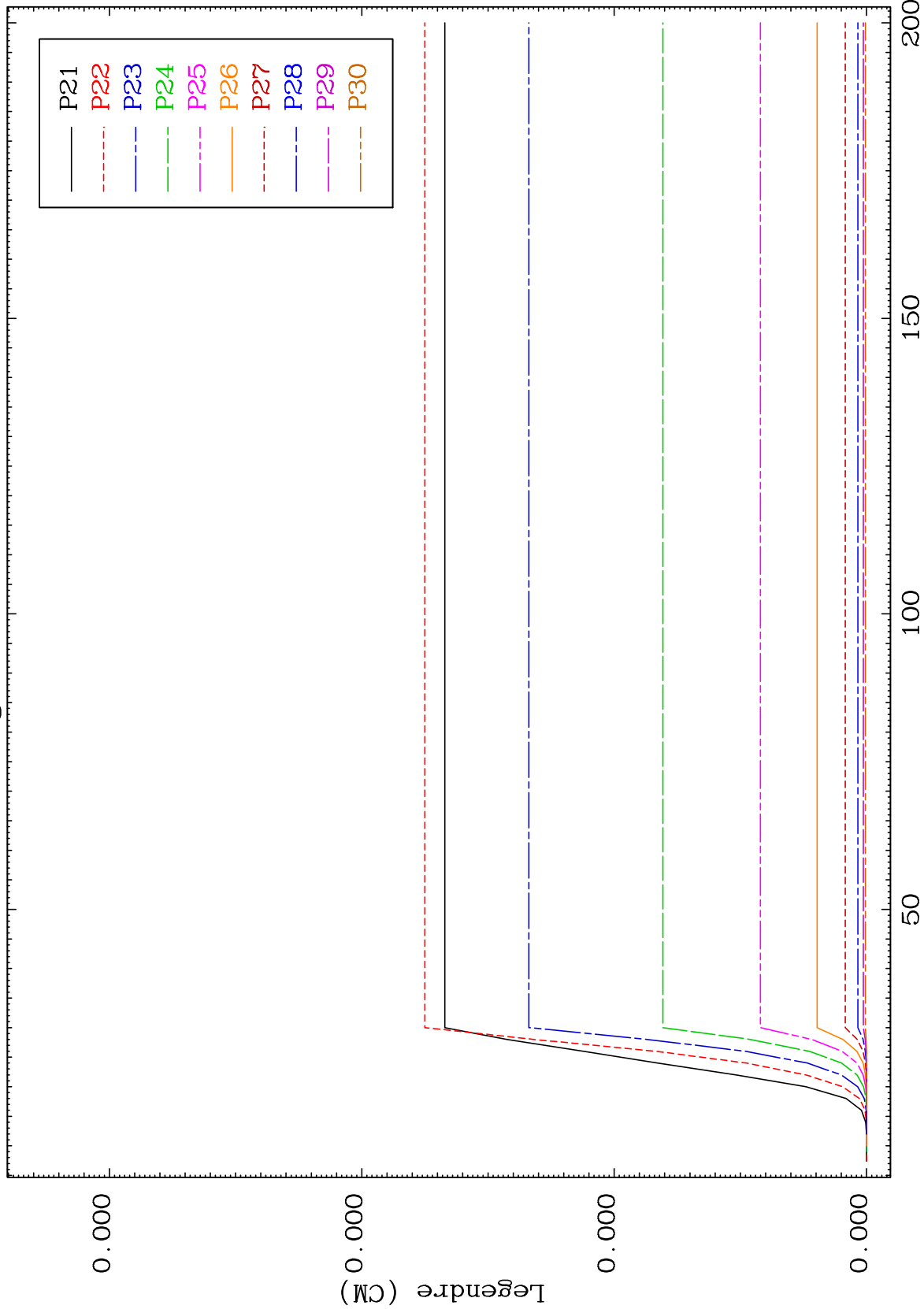
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



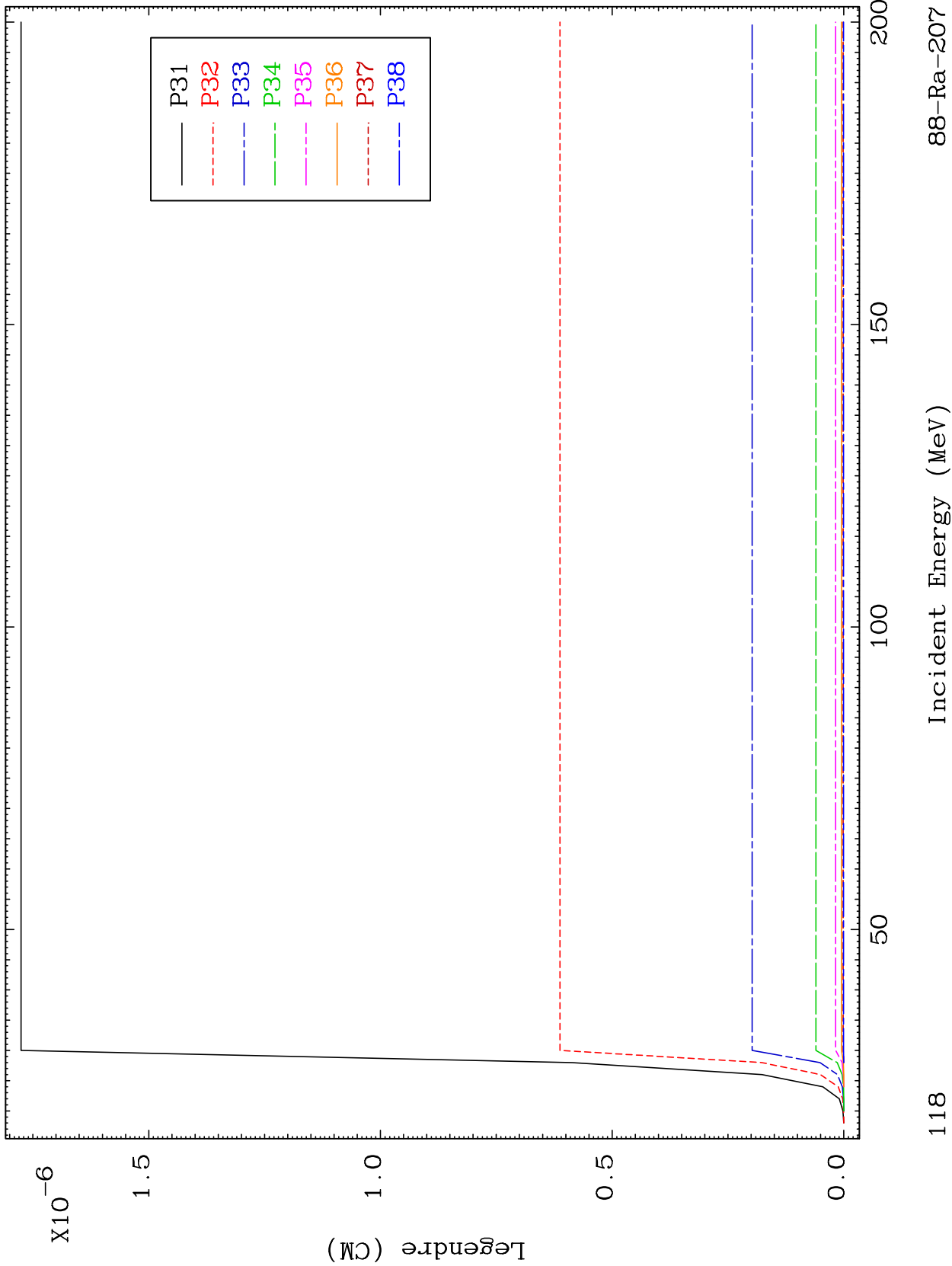
117

88-Ra-207

MAT 8777

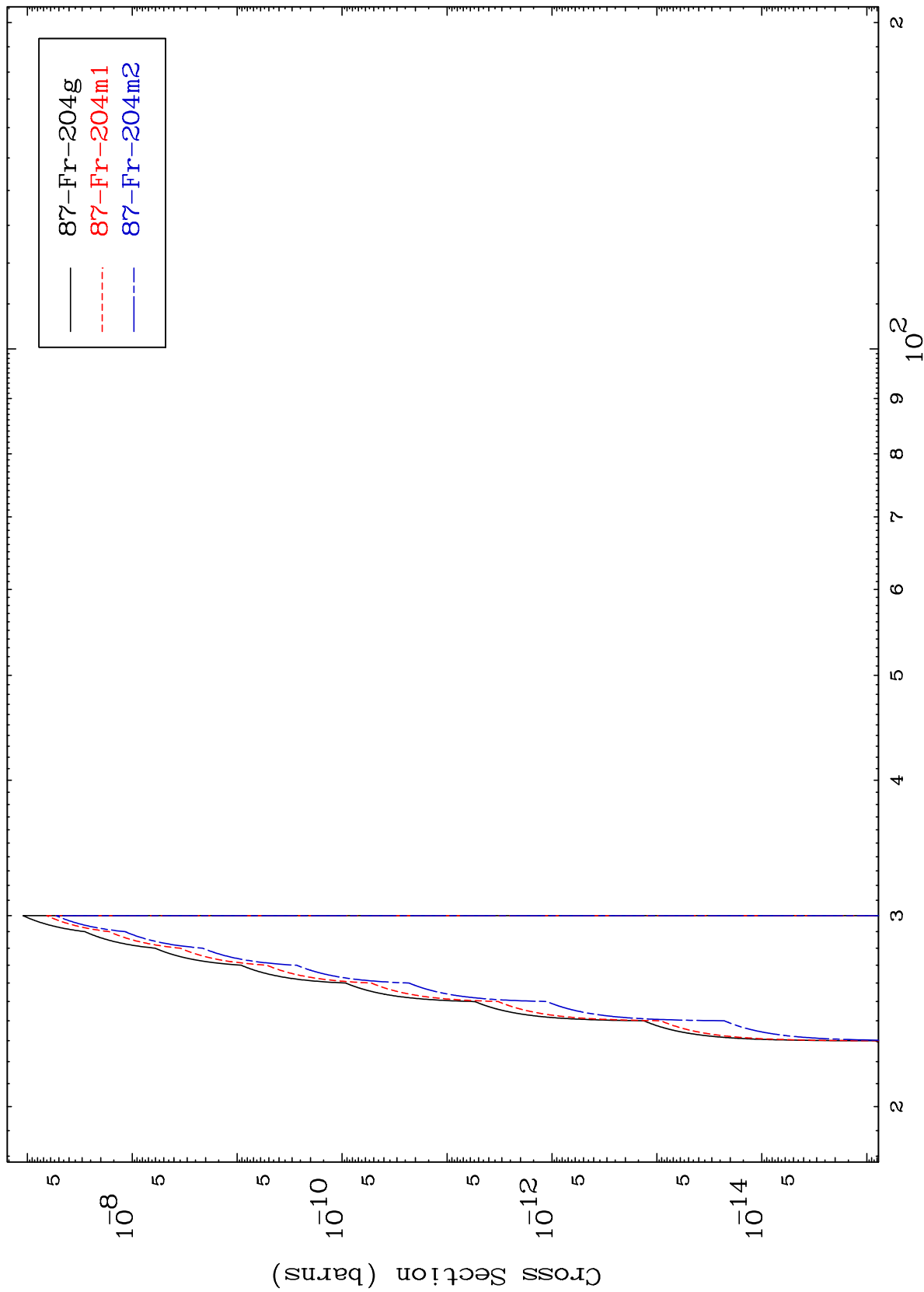
MT= 75 (n,n') Level
Legendre Coefficients

88-Ra-207



118

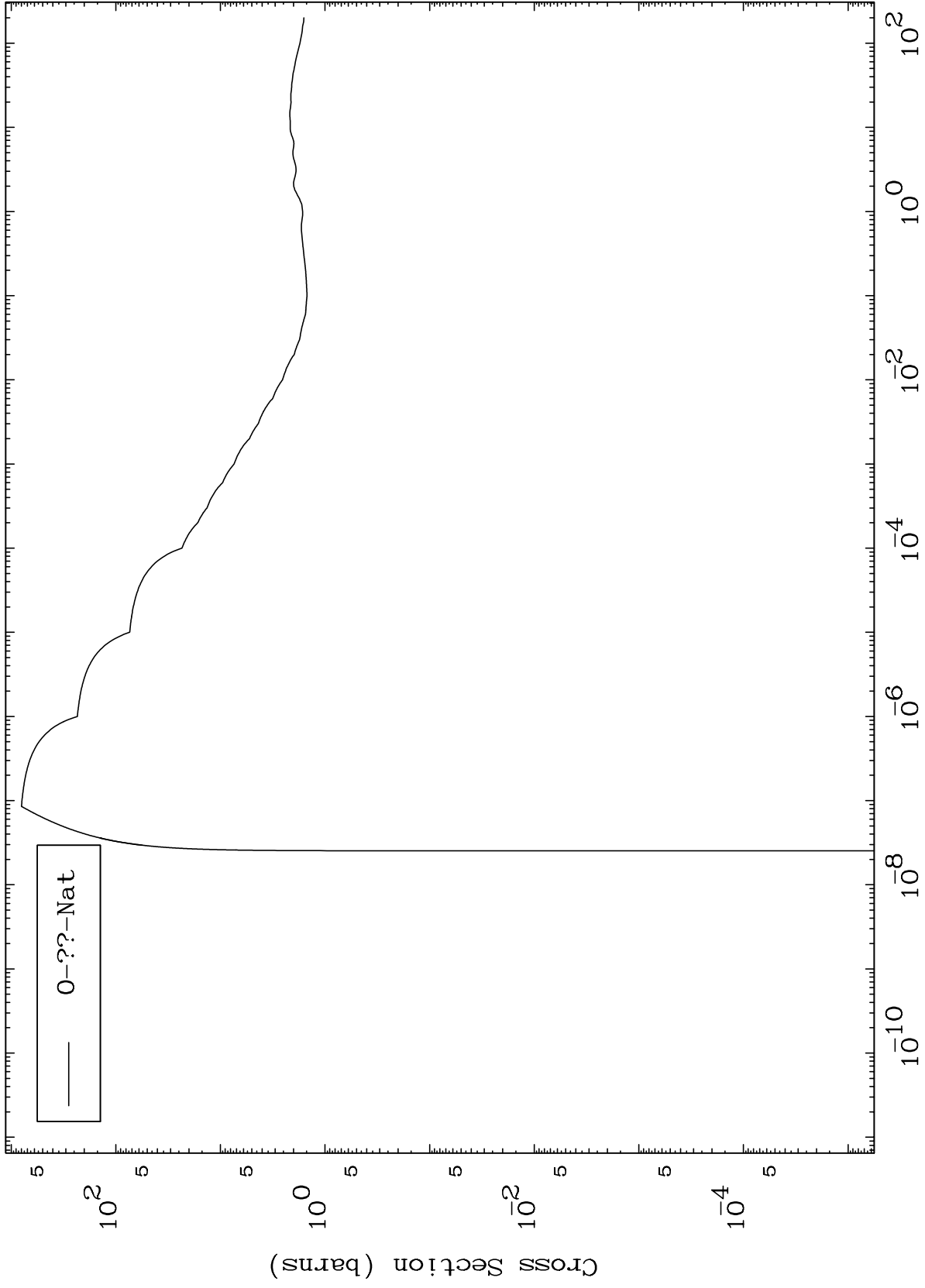
Radionuclide Production Cross Section



MAT 8777

88-Ra-207

Fission
Radionuclide Production Cross Section

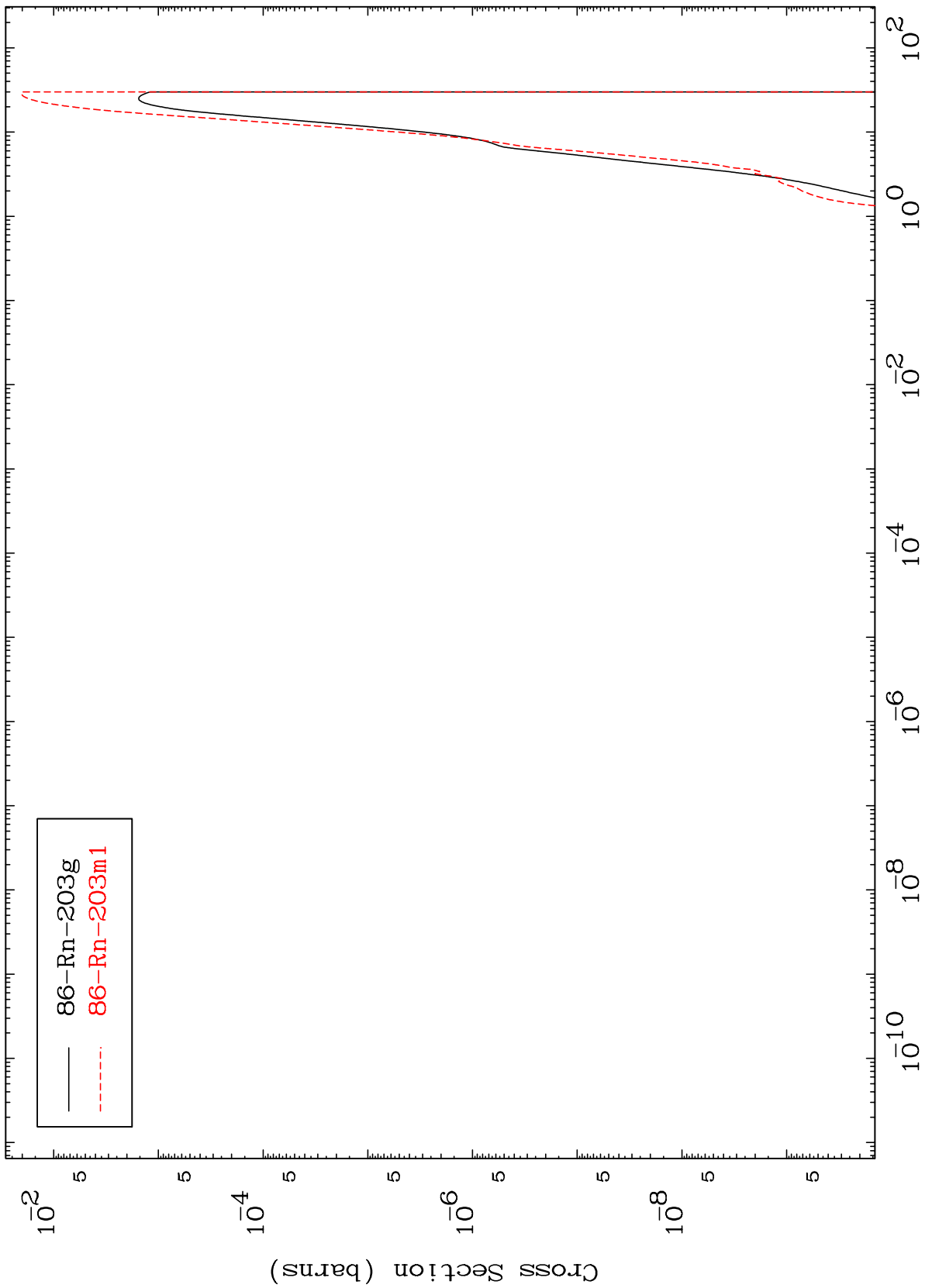


MAT 8777

$(n, n') \alpha$

88-Ra-207

Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

121

Incident Energy (MeV)

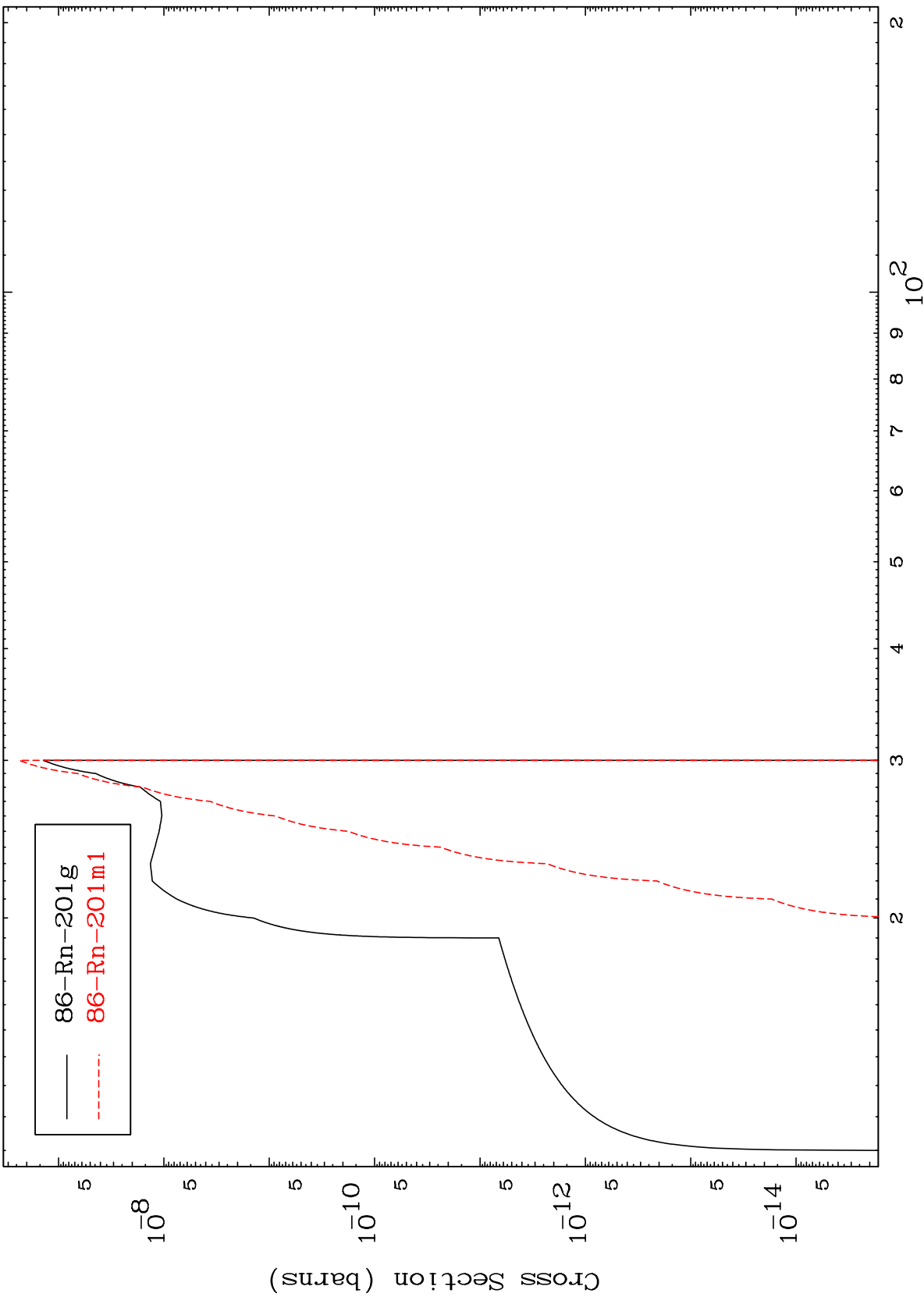
88-Ra-207

MAT 8777

(n,3n) α

88-Ra-207

Radionuclide Production Cross Section

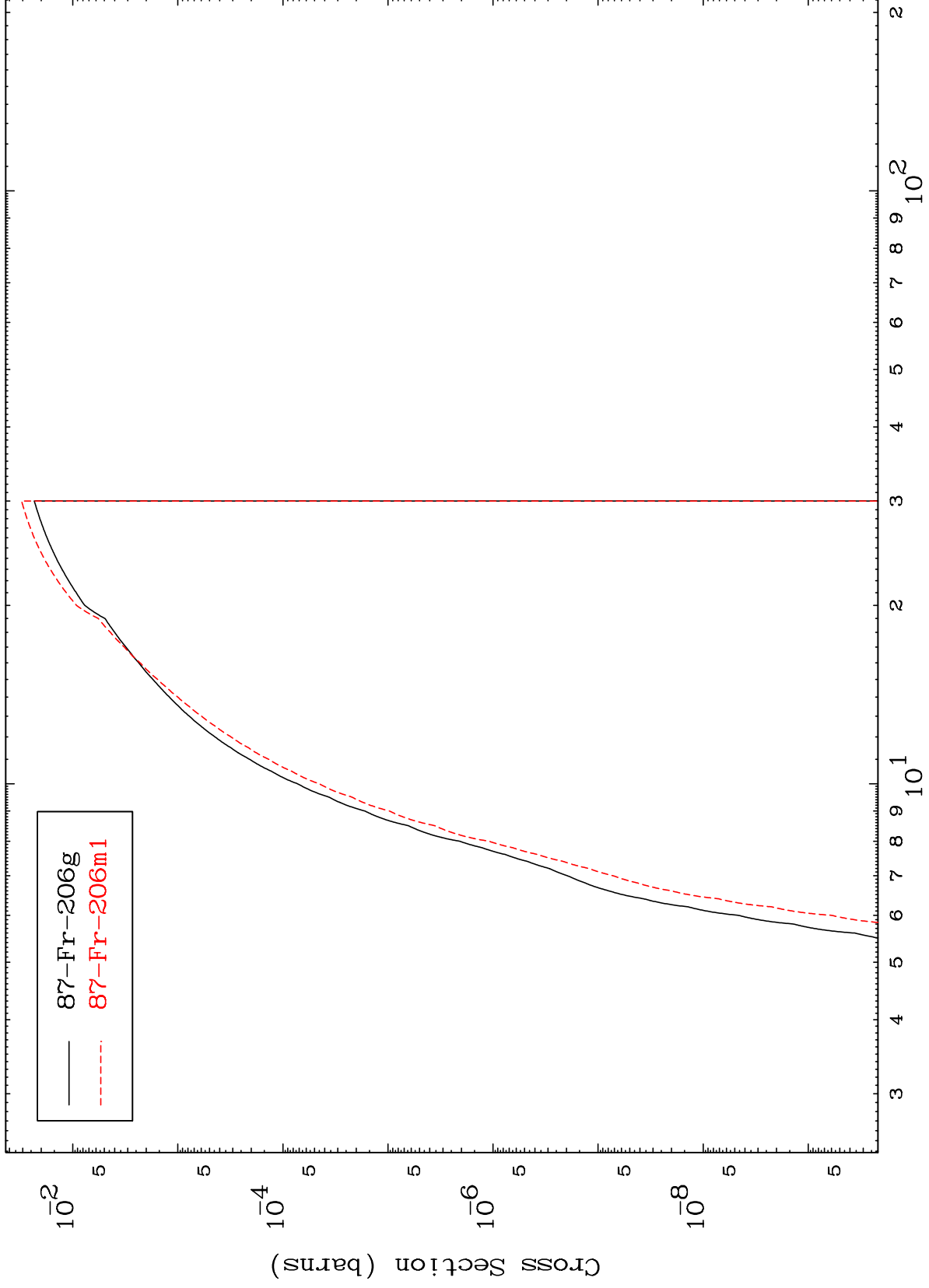


MAT 87777

(n,n') p

88-Ra-207

Radionuclide Production Cross Section



123

Incident Energy (MeV)

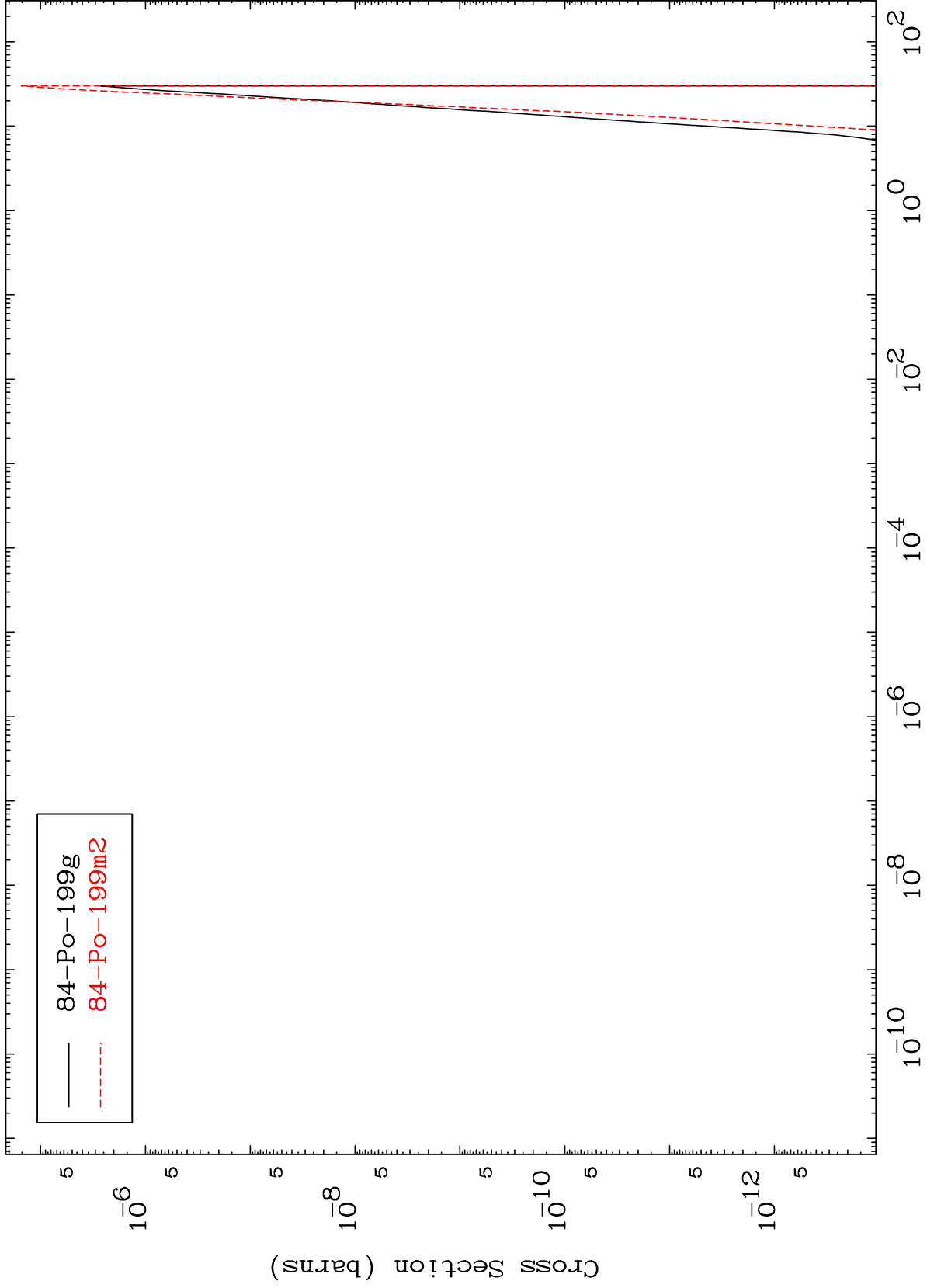
88-Ra-207

MAT 8777

(n,n') 2α

88-Ra-207

Radionuclide Production Cross Section



124

Incident Energy (MeV)

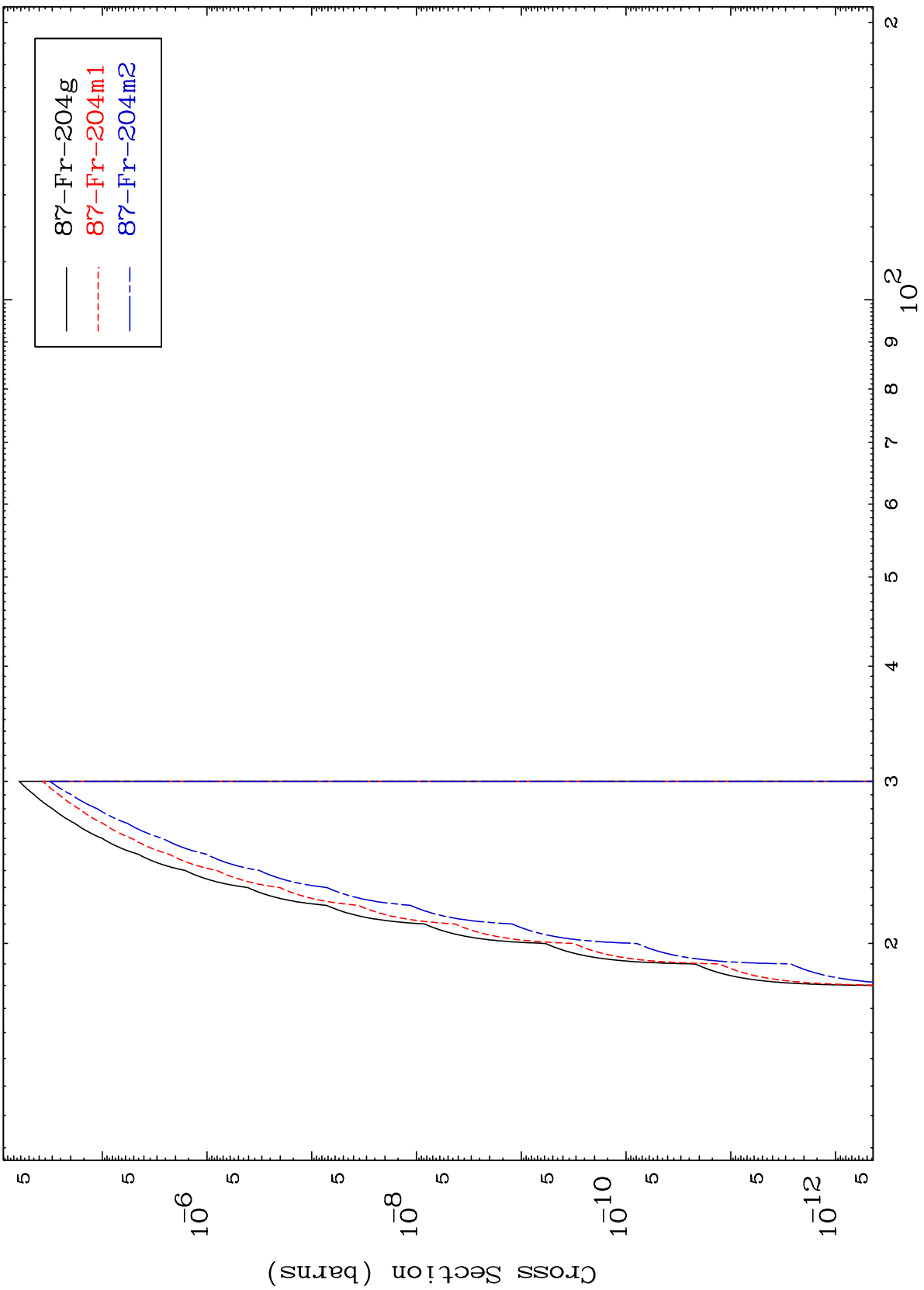
88-Ra-207

MAT 87777

(n,n') t

88-Ra-207

Radionuclide Production Cross Section

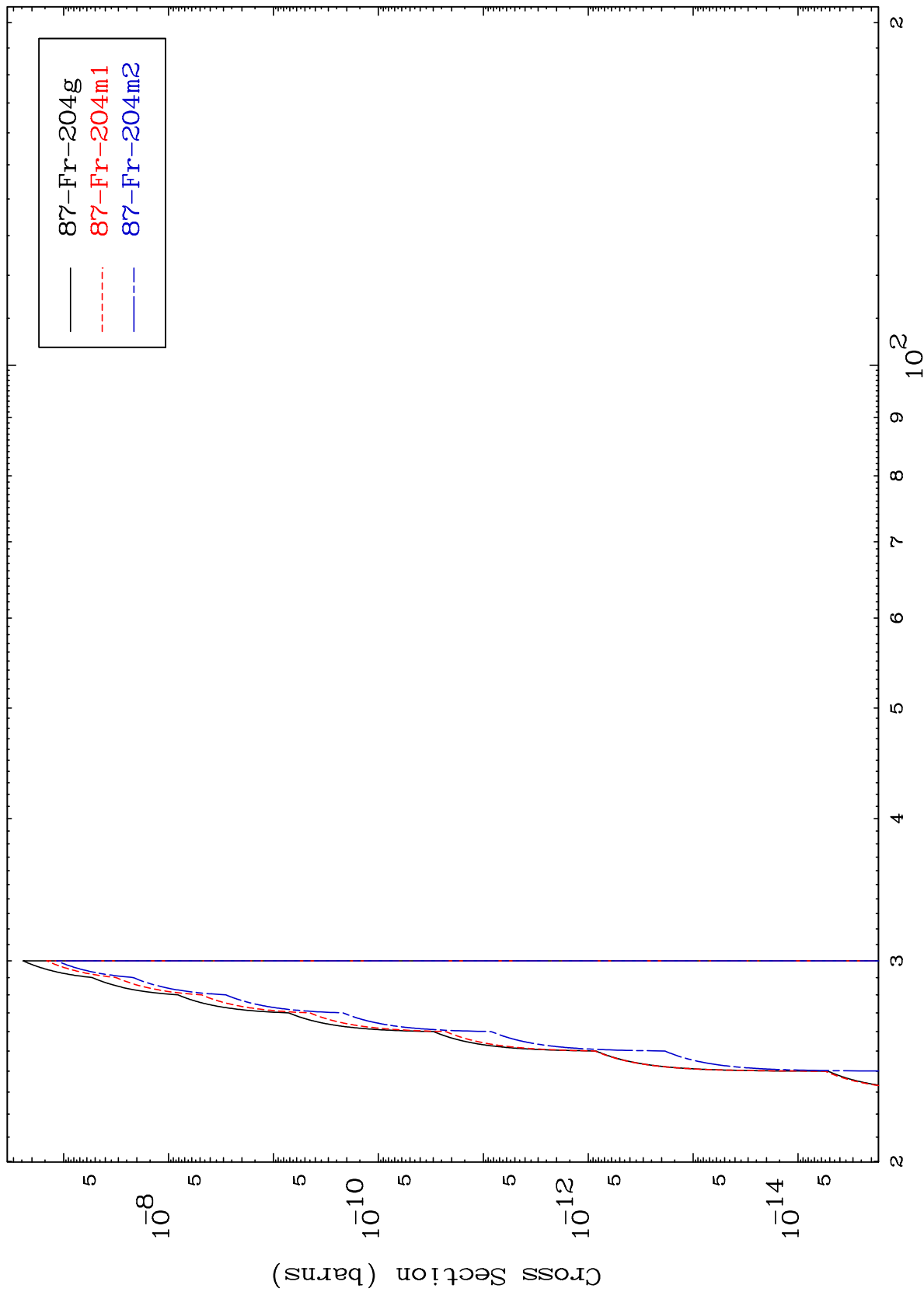


125

Incident Energy (MeV)

88-Ra-207

Radionuclide Production Cross Section

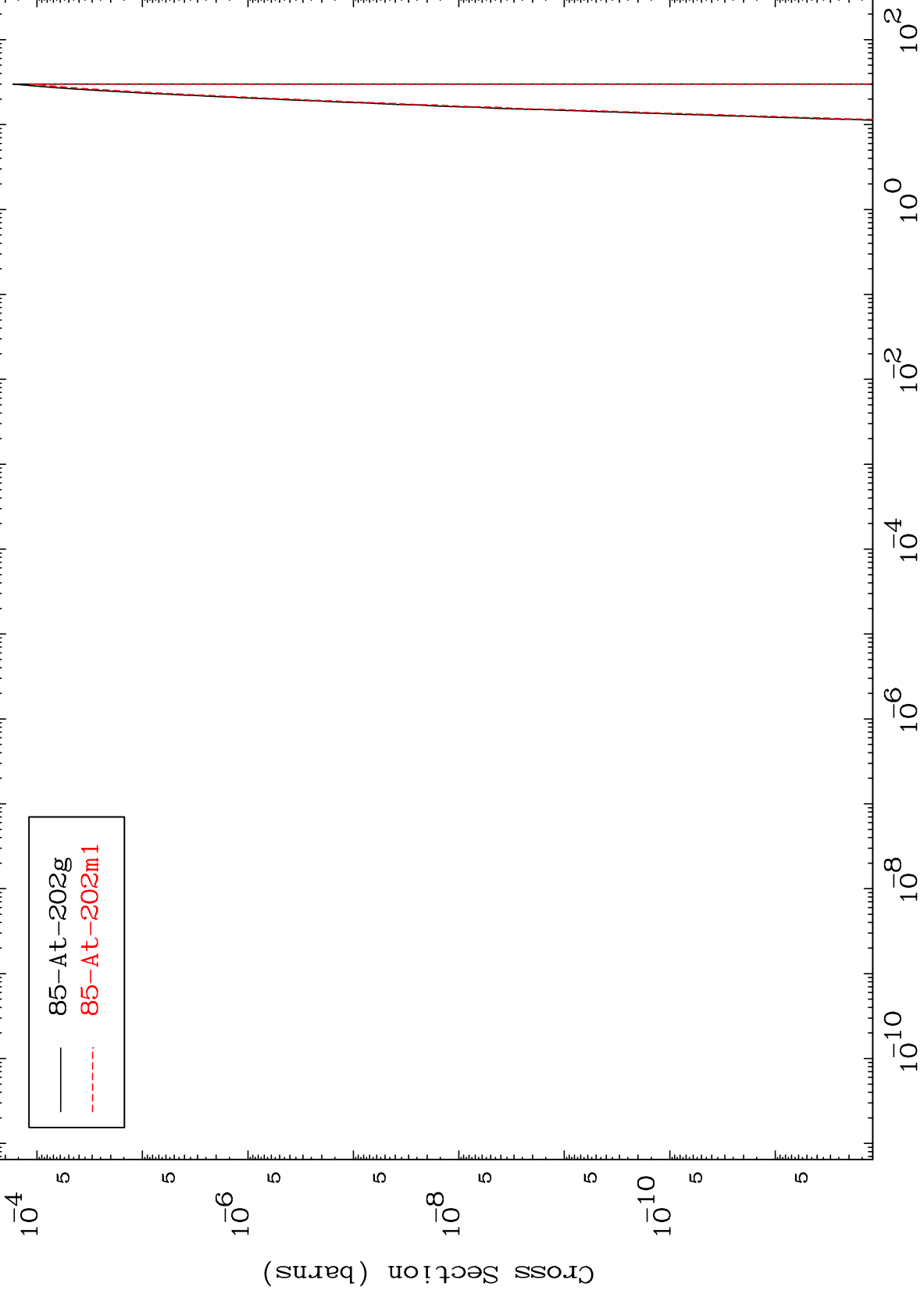


MAT 8777

(n,n') p α

88-Ra-207

Radionuclide Production Cross Section



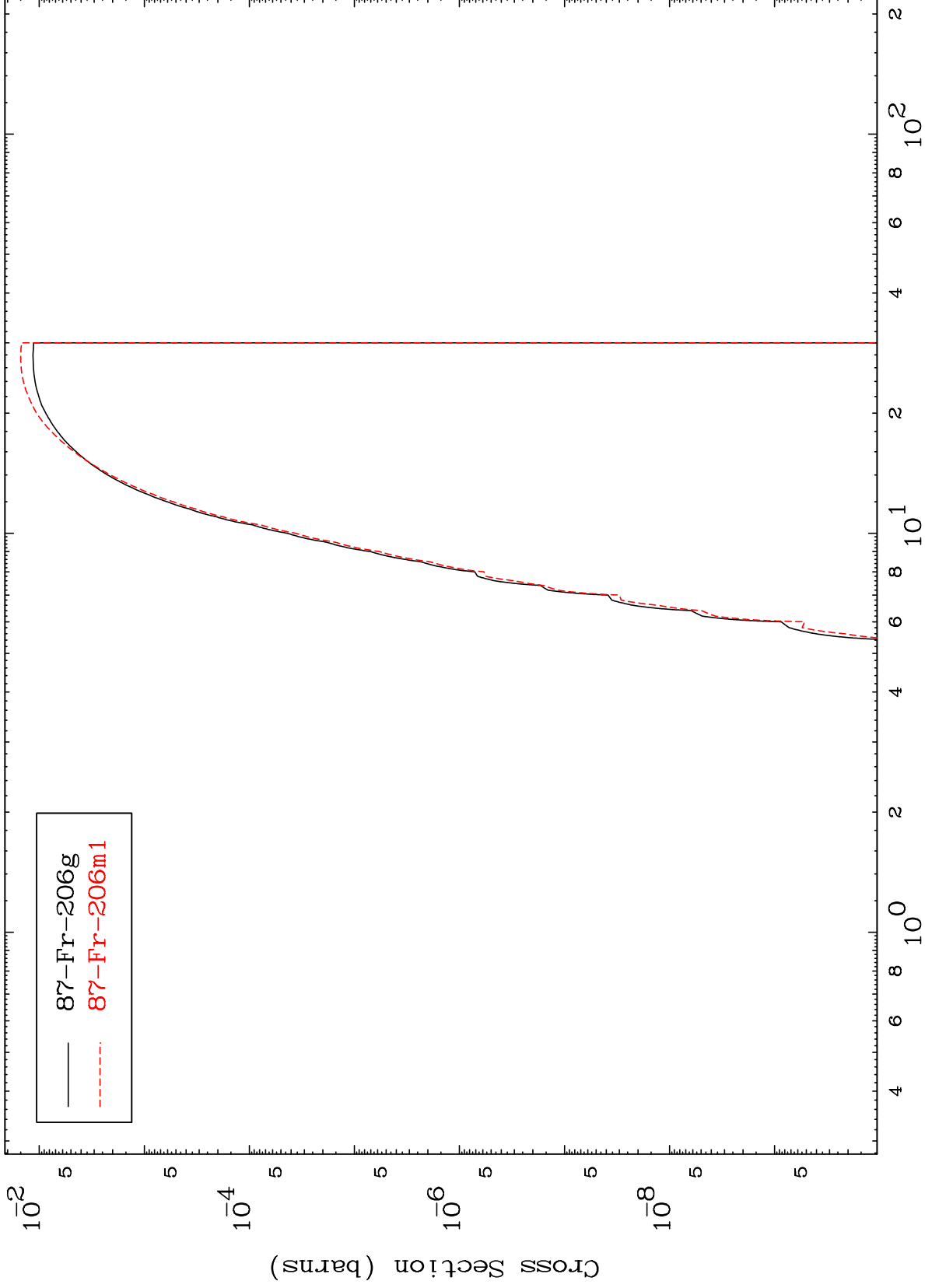
85-At-202g
85-At-202m1

MAT 87777

(n,d)

88-Ra-207

Radionuclide Production Cross Section



128

88-Ra-207

MAT 8777

(n,d) α

88-Ra-207

Radionuclide Production Cross Section

