

Program EVALPLOT  
(Version 2021-1)

by

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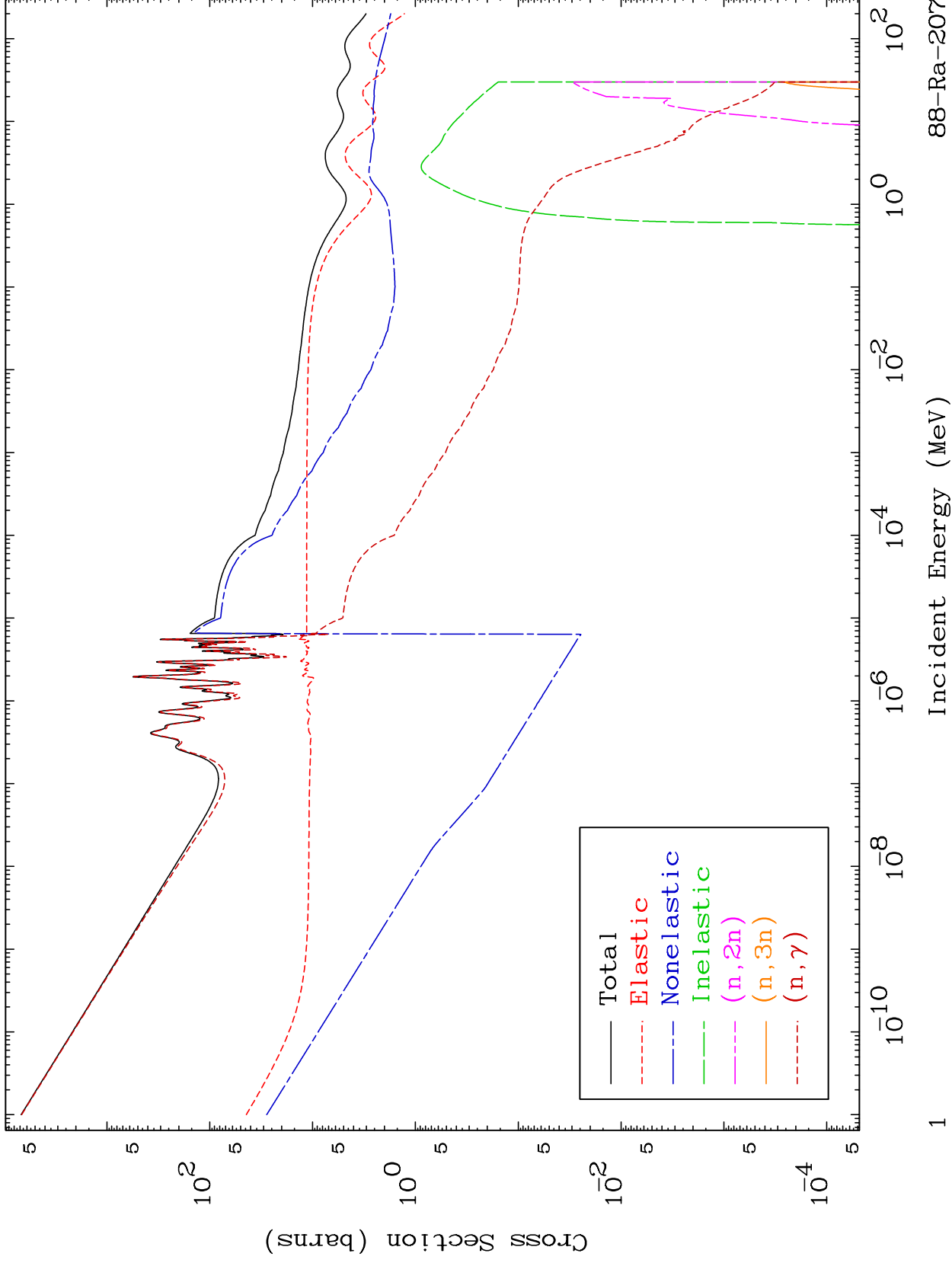
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Press Mouse Button to Start

MAT 8777

Neutron Major  
293 Kelvin Cross Sections

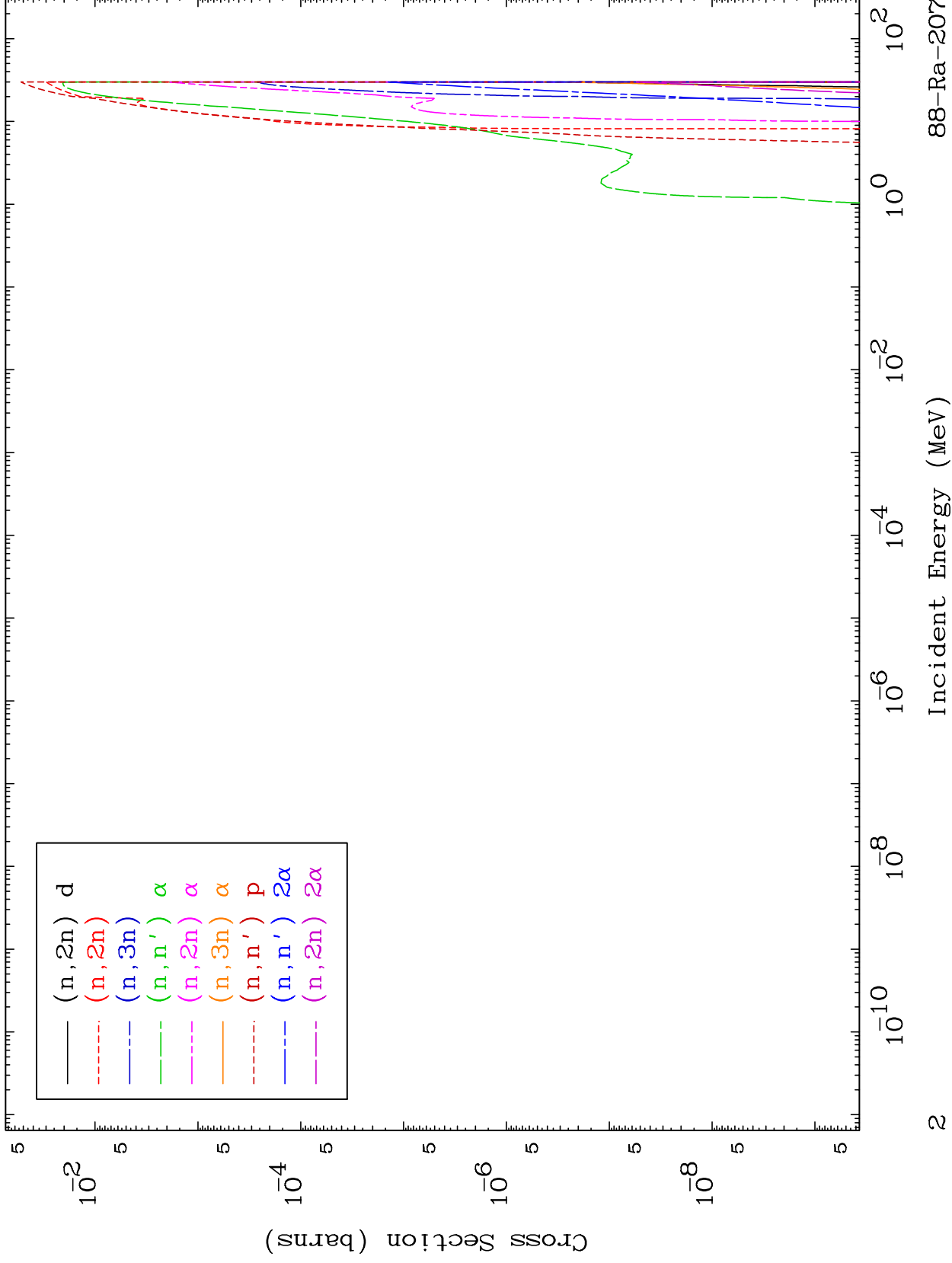
88-Ra-207

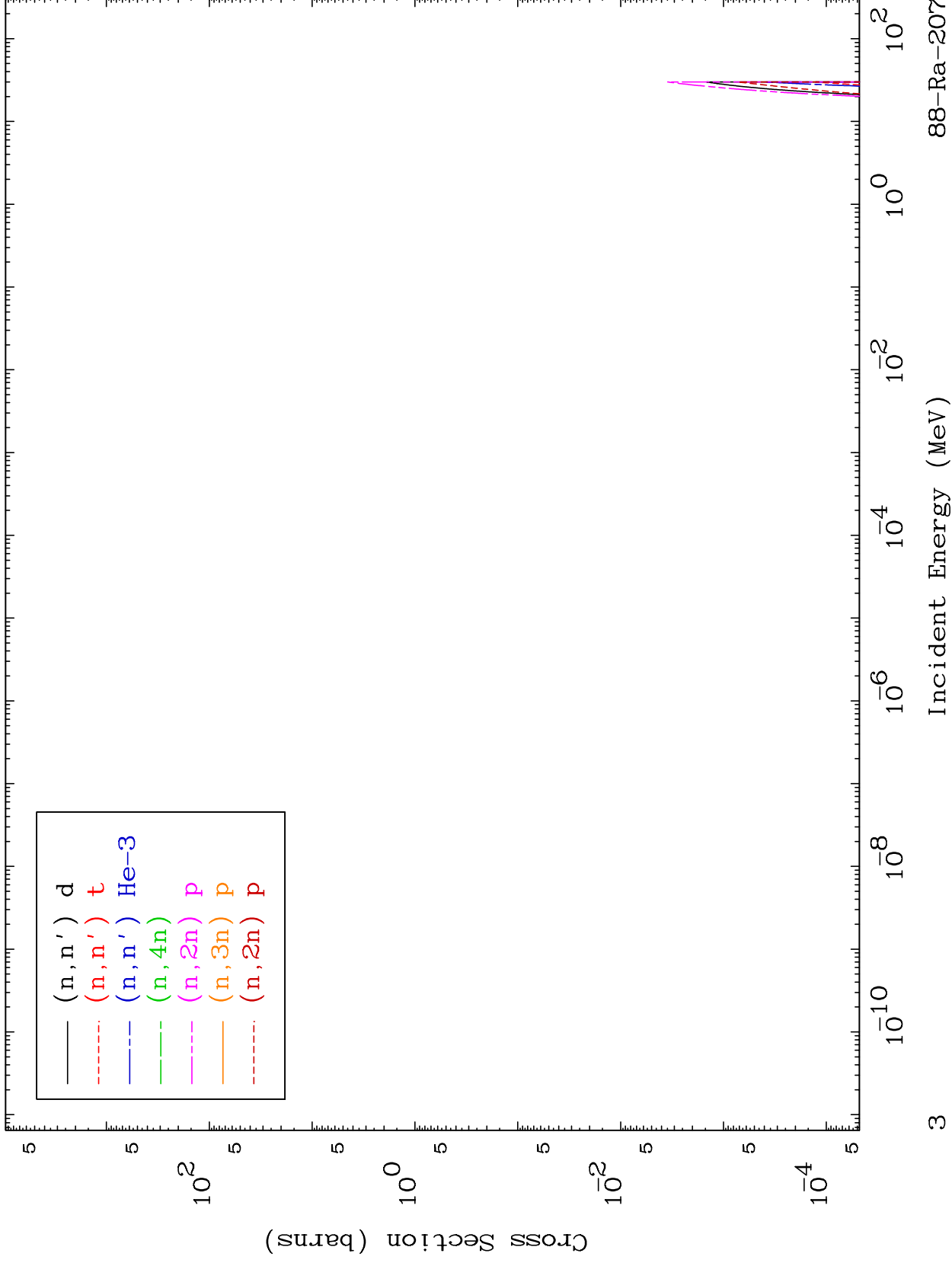


MAT 8777

Neutron Absorption  
293 Kelvin Cross Sections

88-Ra-207

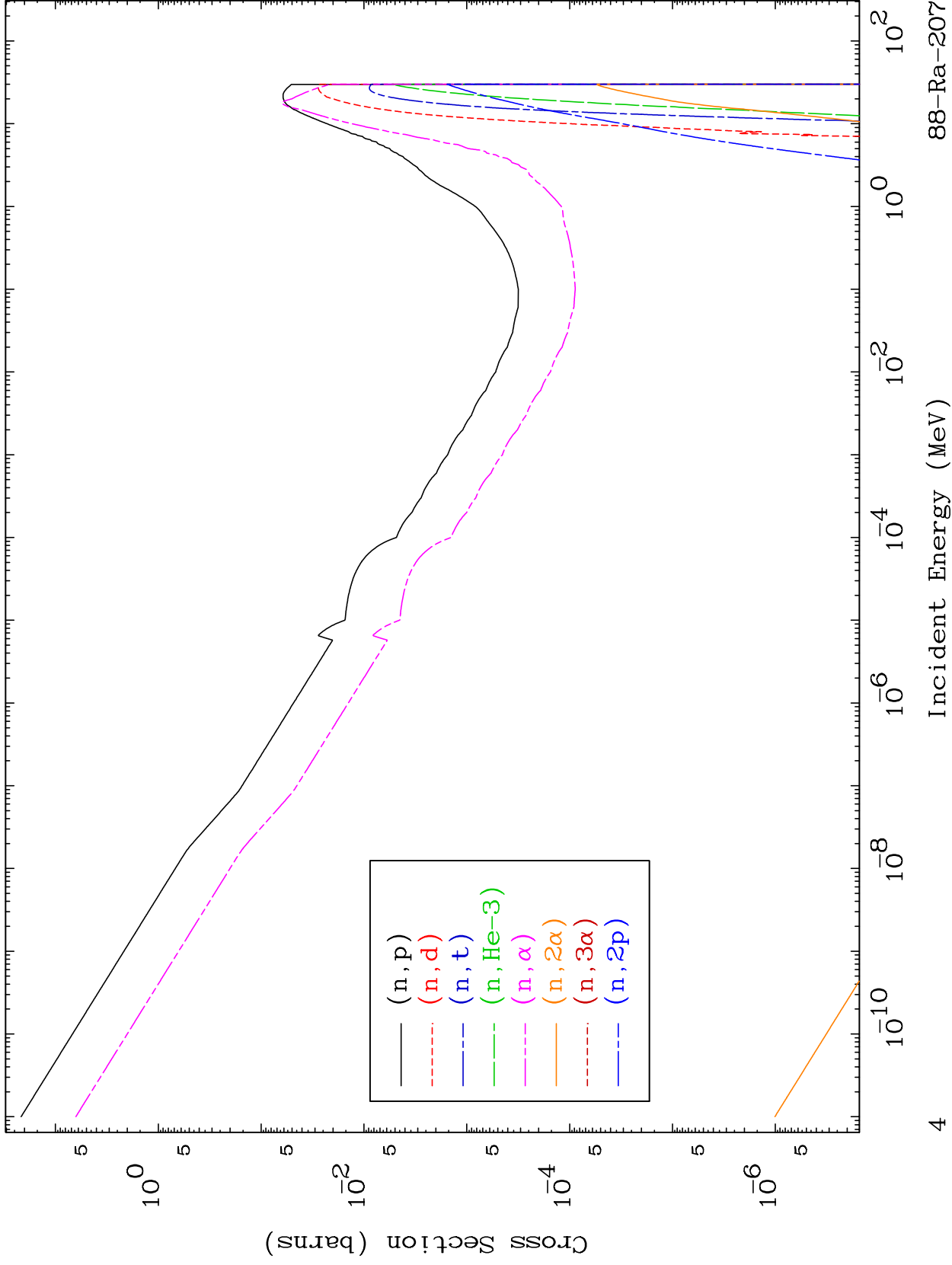




MAT 8777

Neutron Absorption  
293 Kelvin Cross Sections

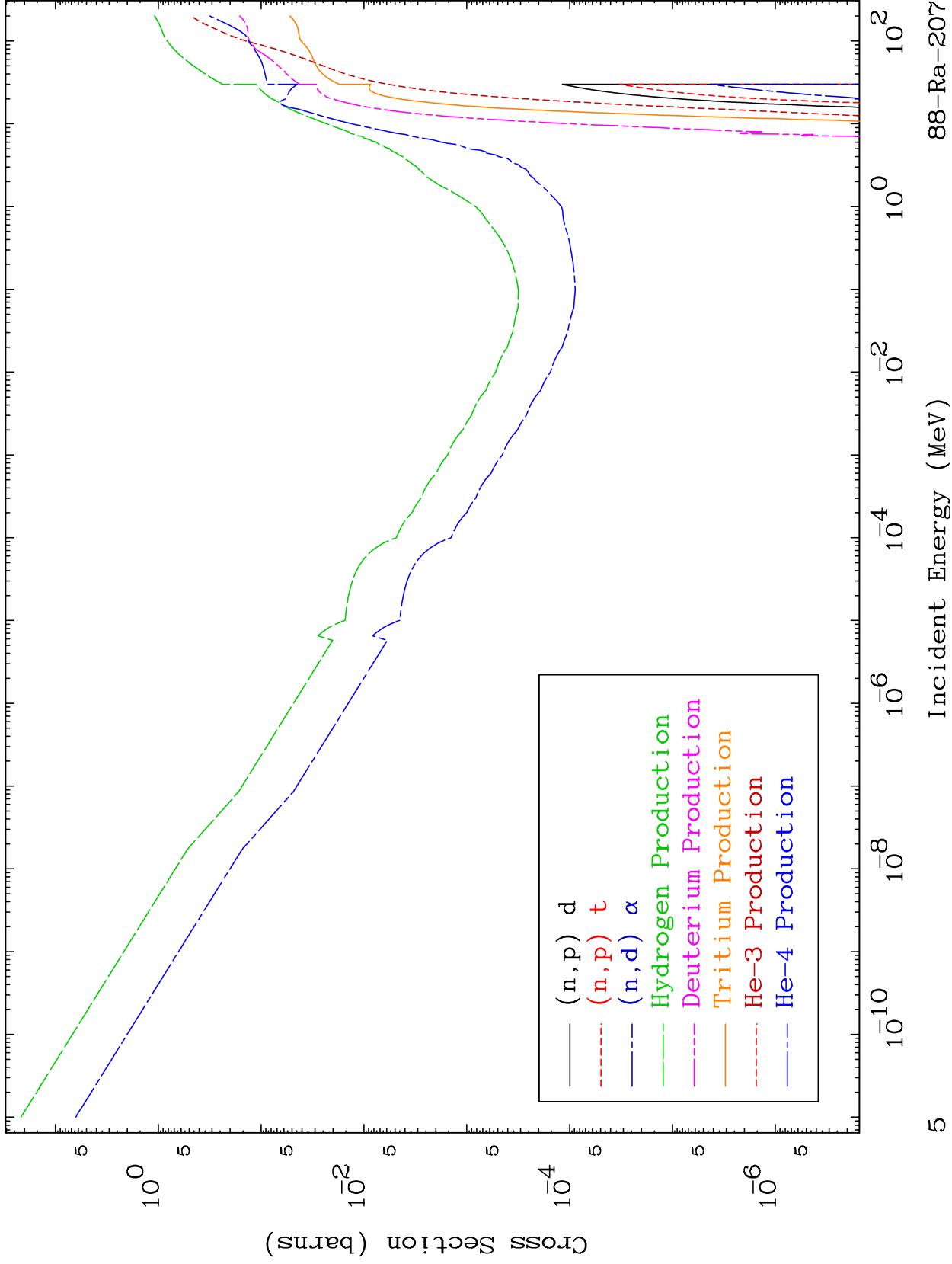
88-Ra-207



MAT 8777

Neutron Absorption  
293 Kelvin Cross Sections

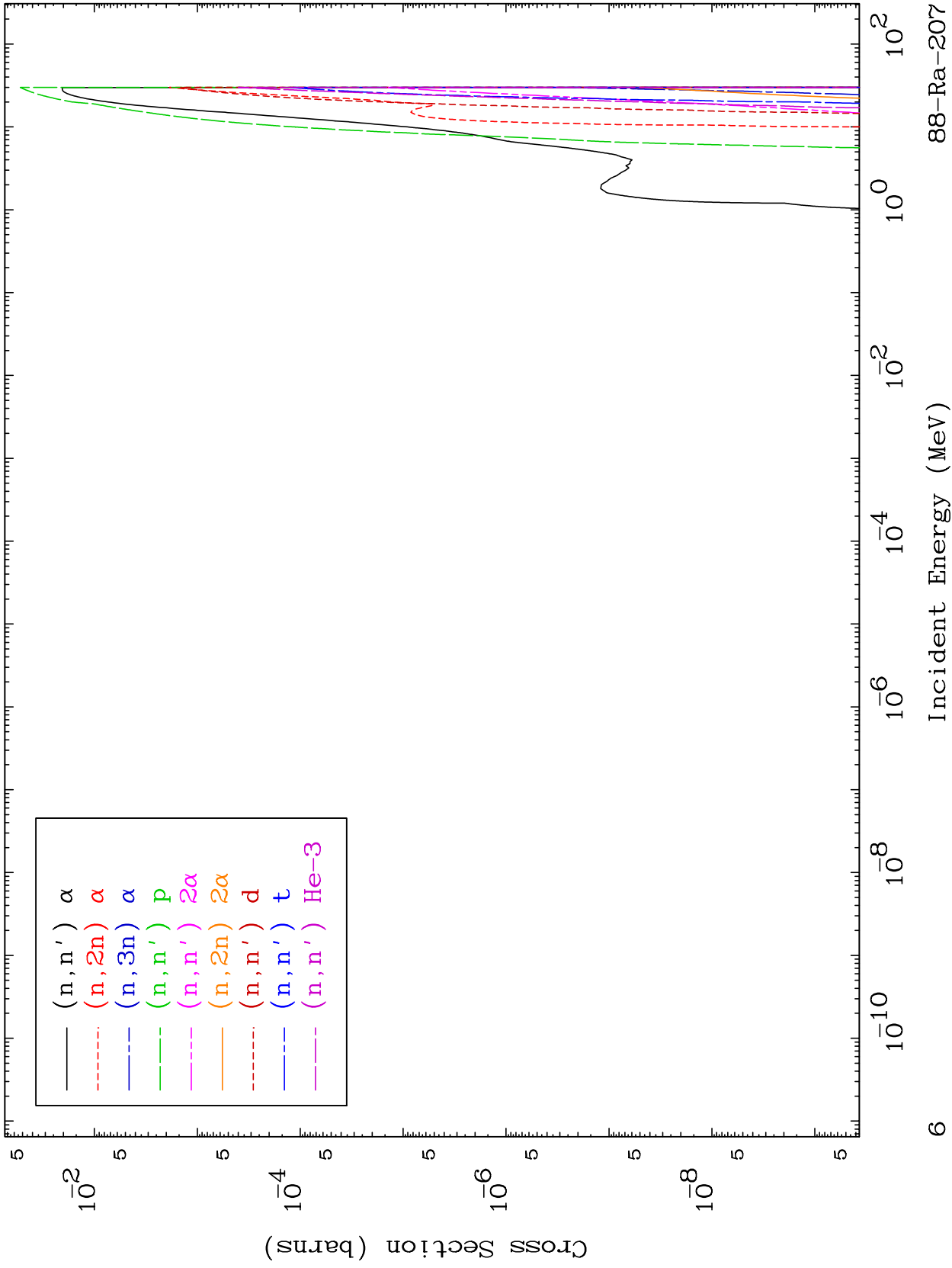
88-Ra-207



MAT 8777

Charged Particle  
293 Kelvin Cross Sections

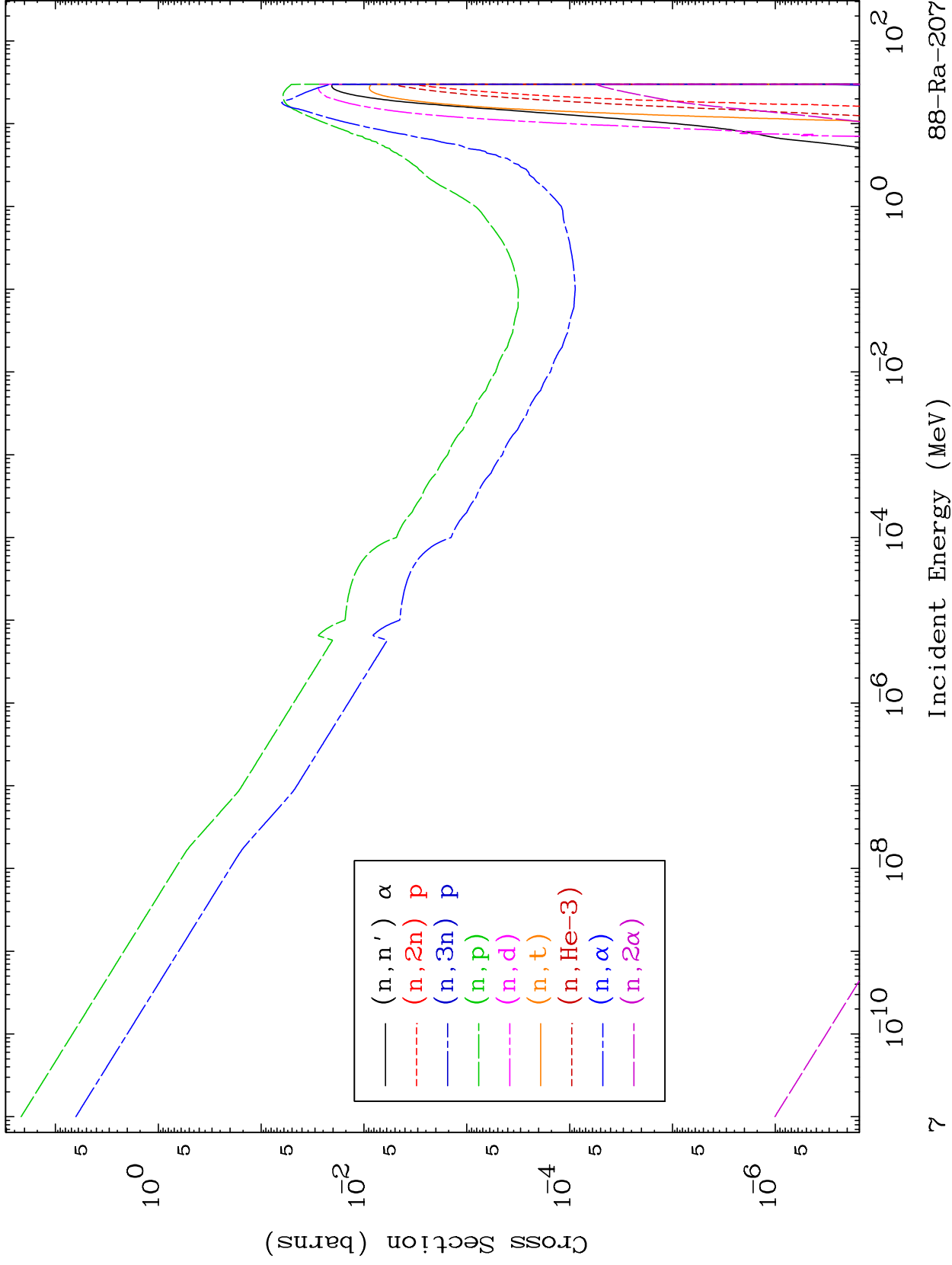
88-Ra-207



MAT 8777

Charged Particle  
293 Kelvin Cross Sections

88-Ra-207

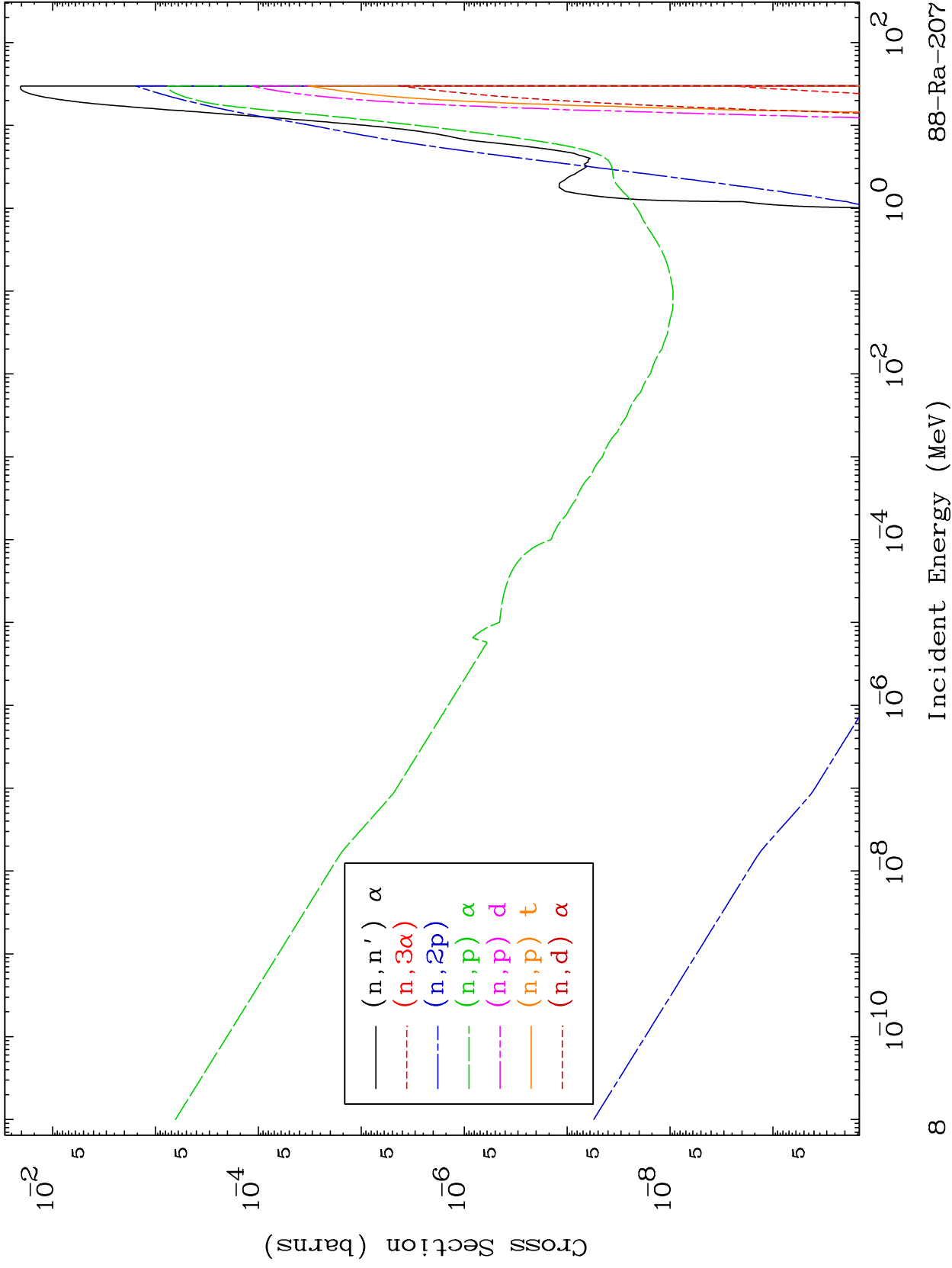


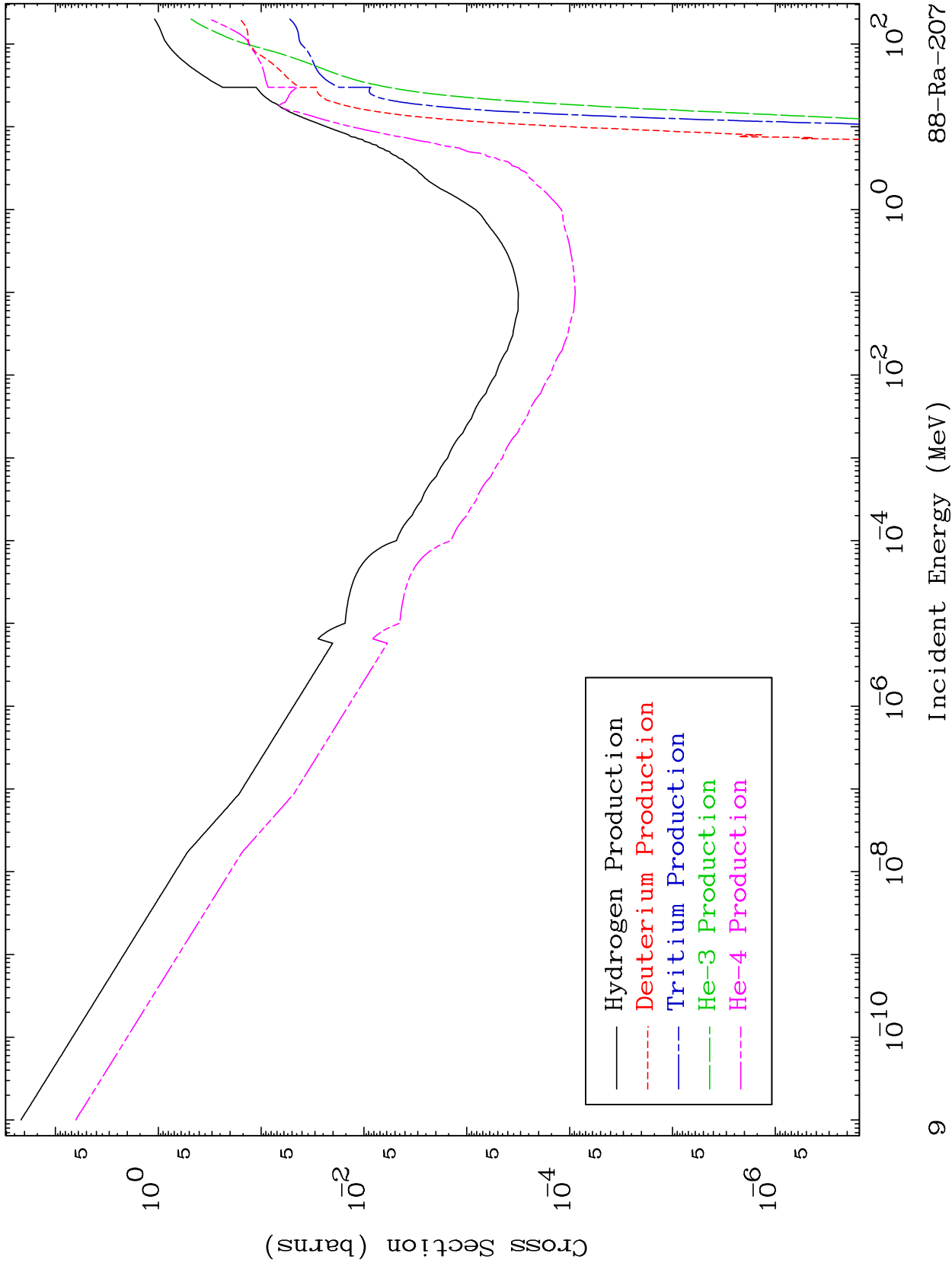


MAT 8777

Charged Particle  
293 Kelvin Cross Sections

88-Ra-207



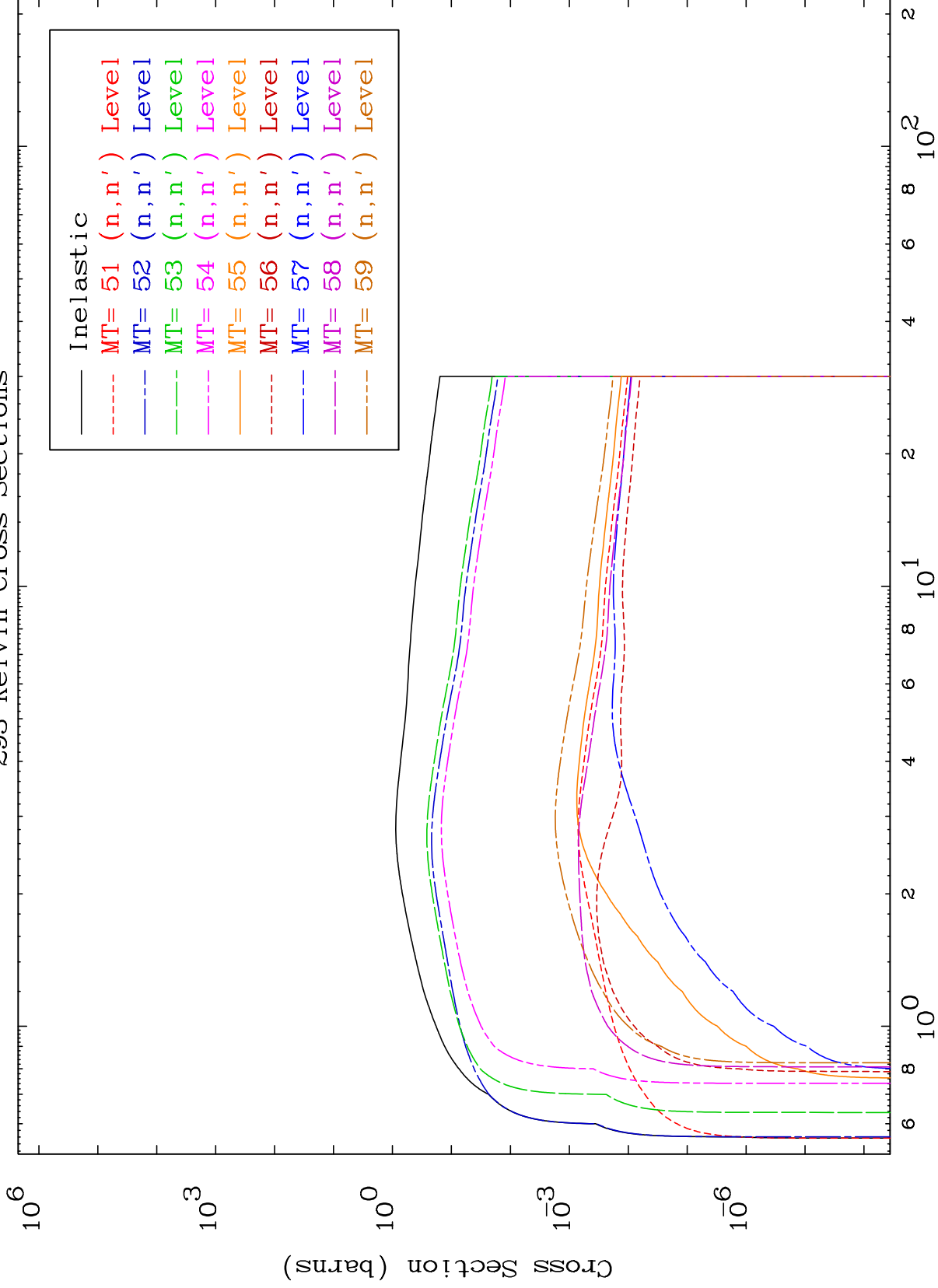


MAT 8777

(n,n') Levels

88-Ra-207

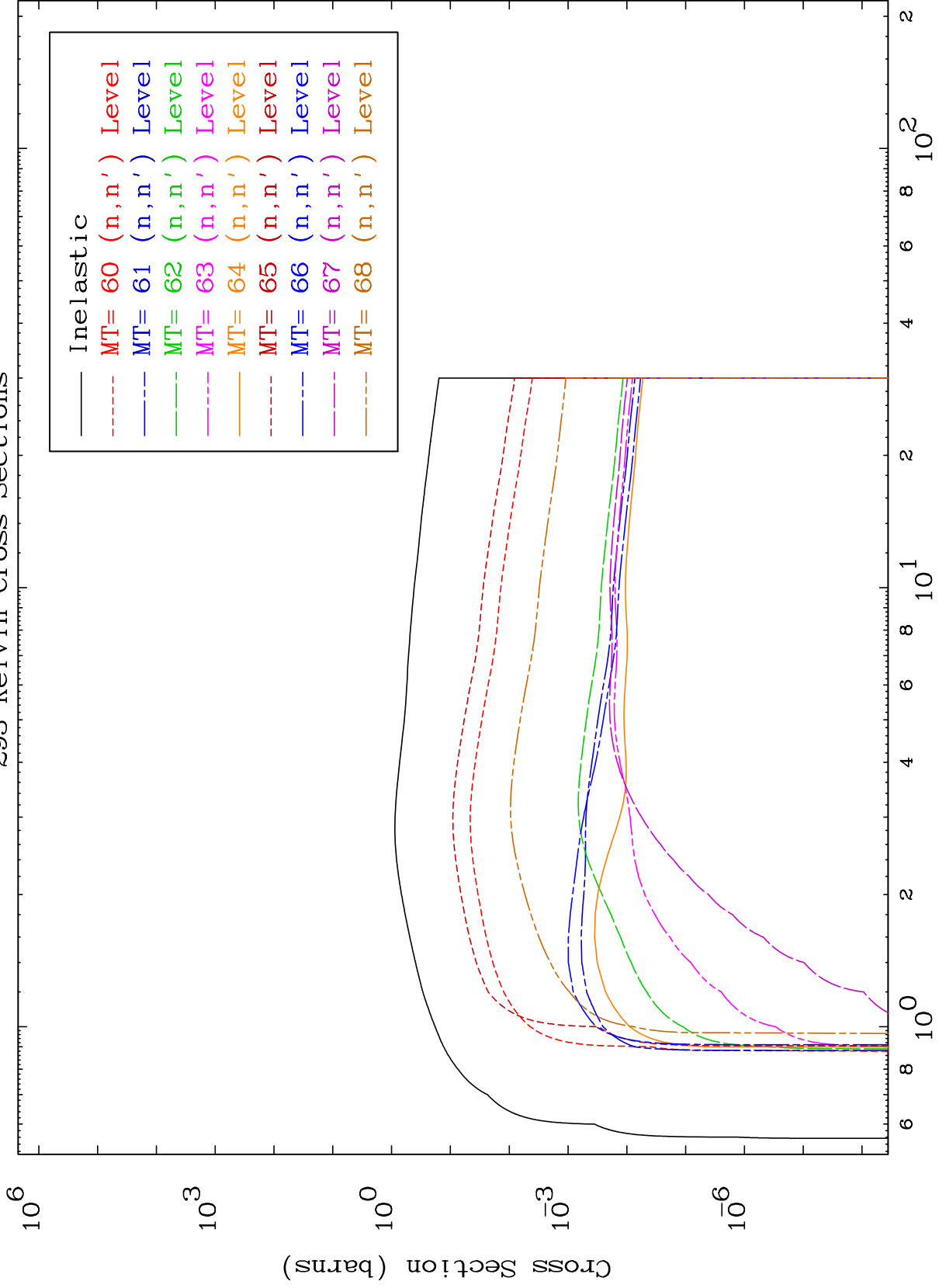
293 Kelvin Cross Sections



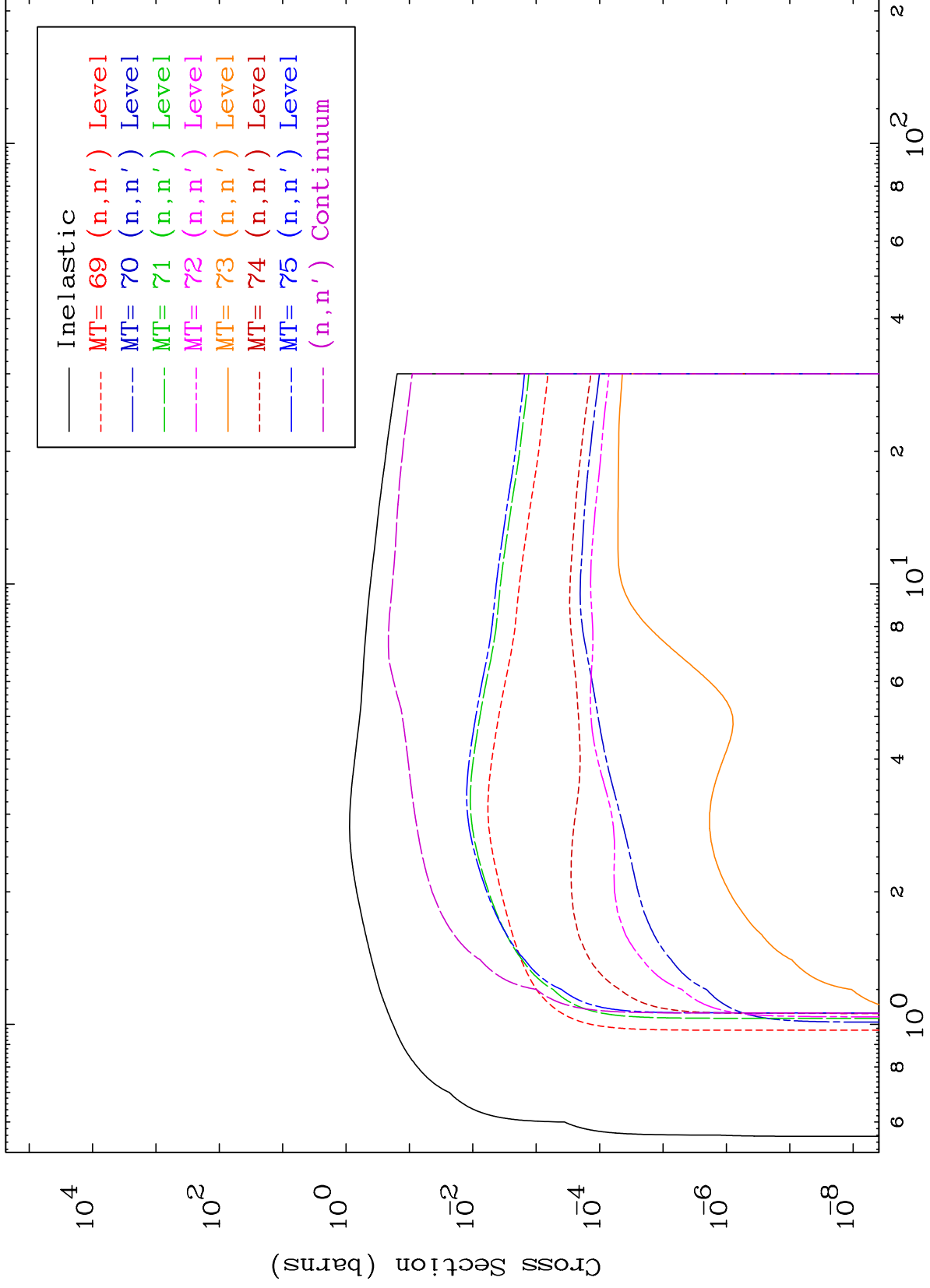
Incident Energy (MeV)

88-Ra-207

293 Kelvin Cross Sections



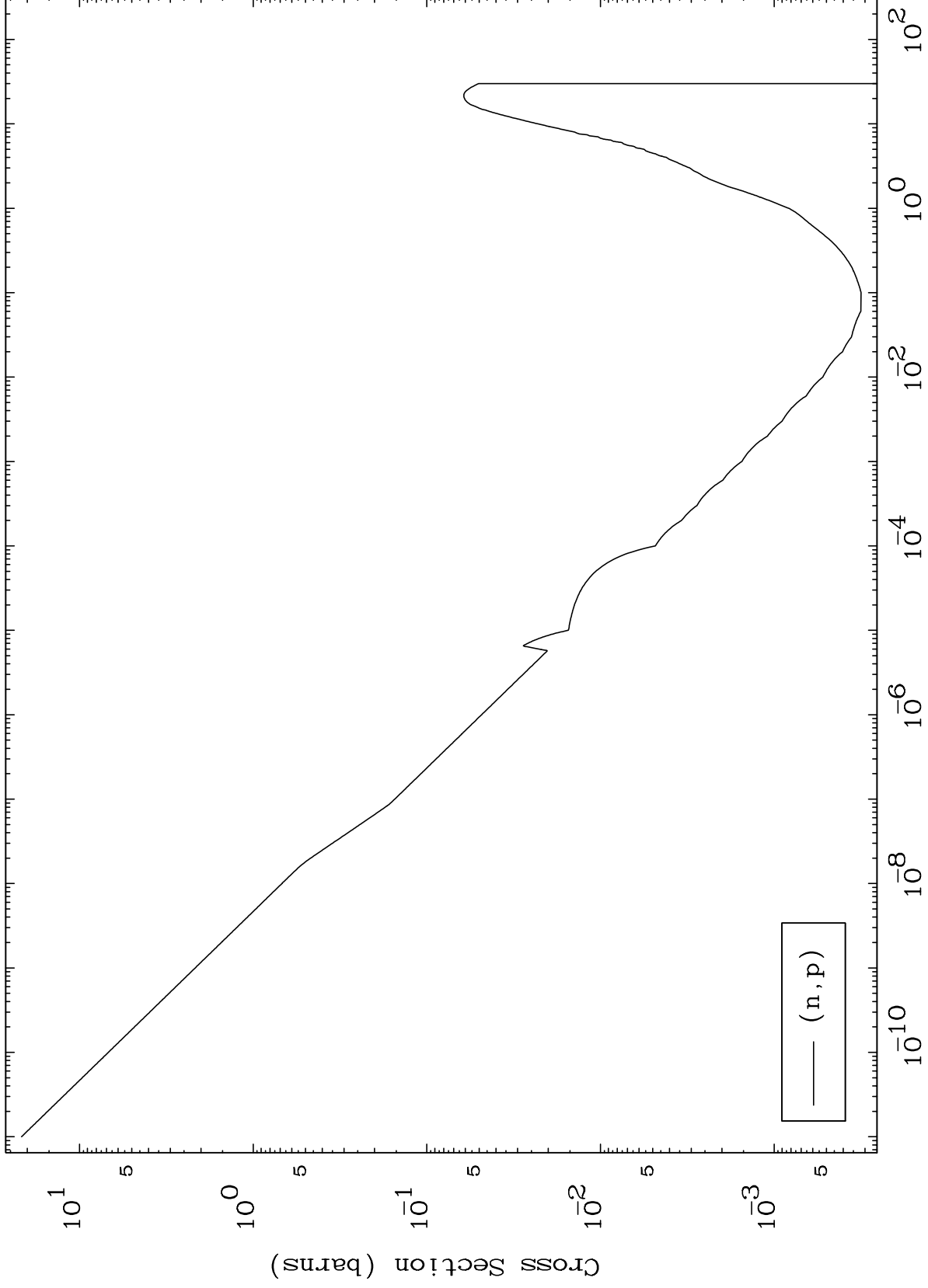
293 Kelvin Cross Sections



MAT 8777

(n,p) Levels  
293 Kelvin Cross Sections

88-Ra-207



13

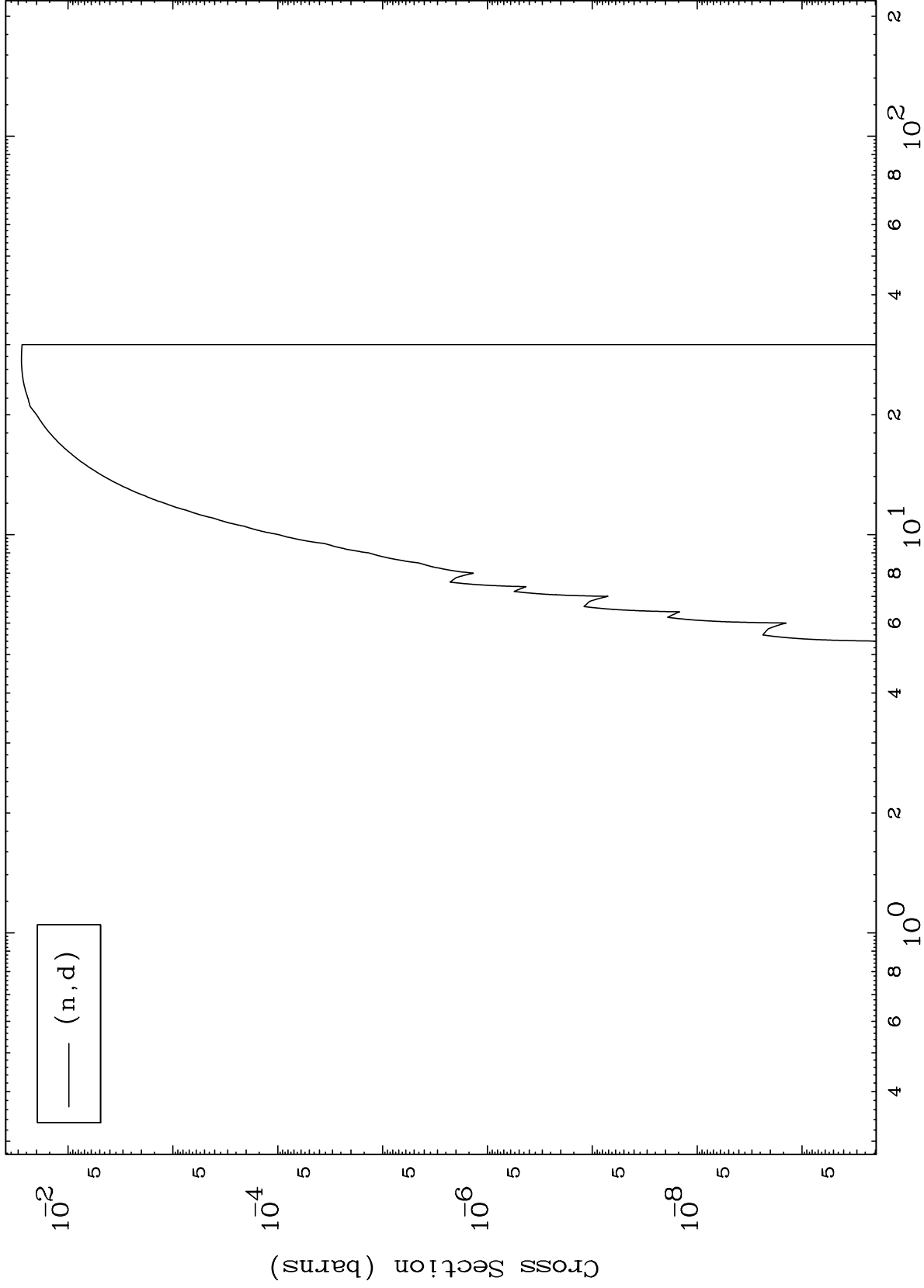
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-207



14

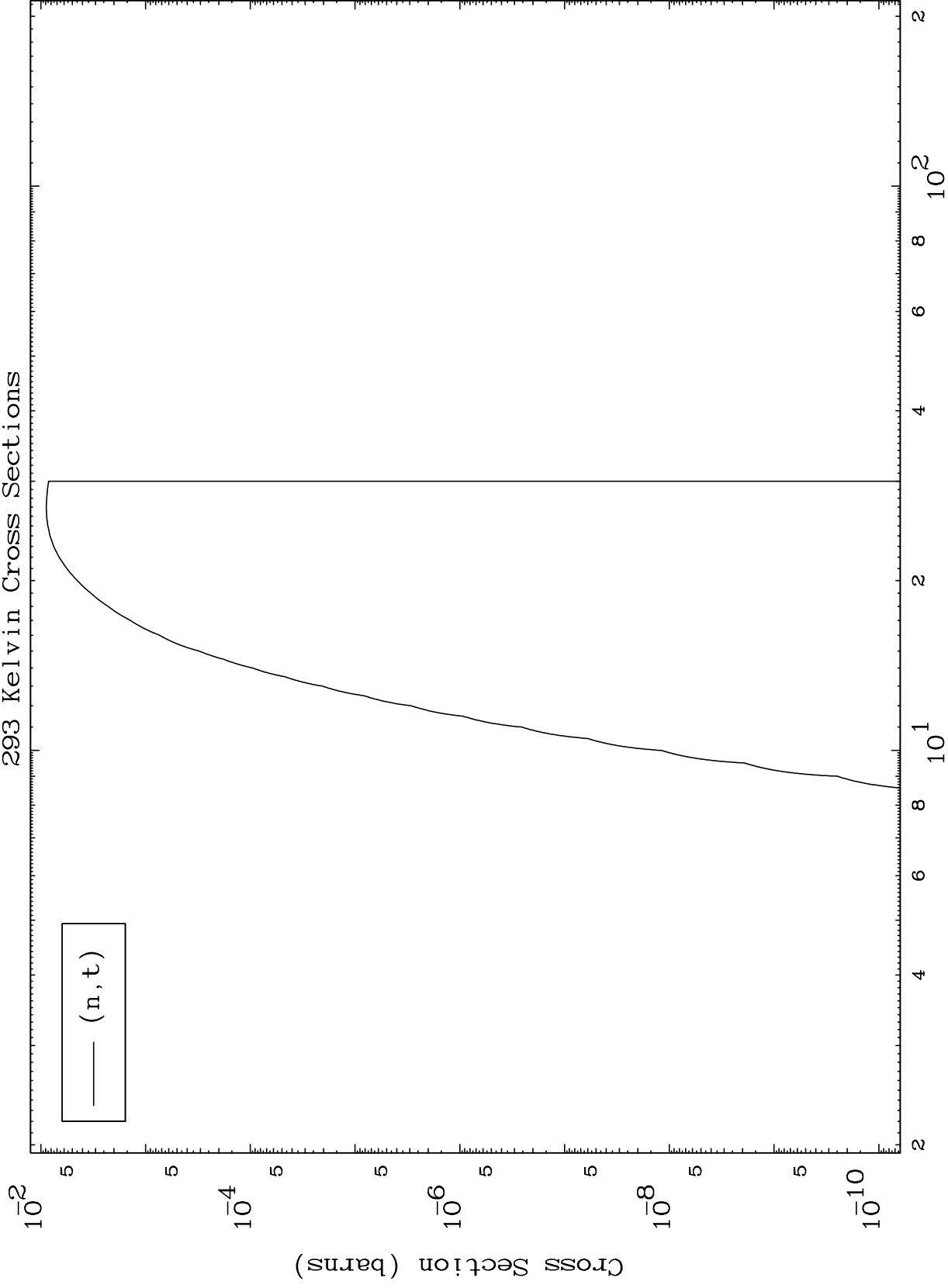
Incident Energy (MeV)

88-Ra-207

MAT 87777

(n,t) Levels  
293 Kelvin Cross Sections

88-Ra-207



15

Incident Energy (MeV)

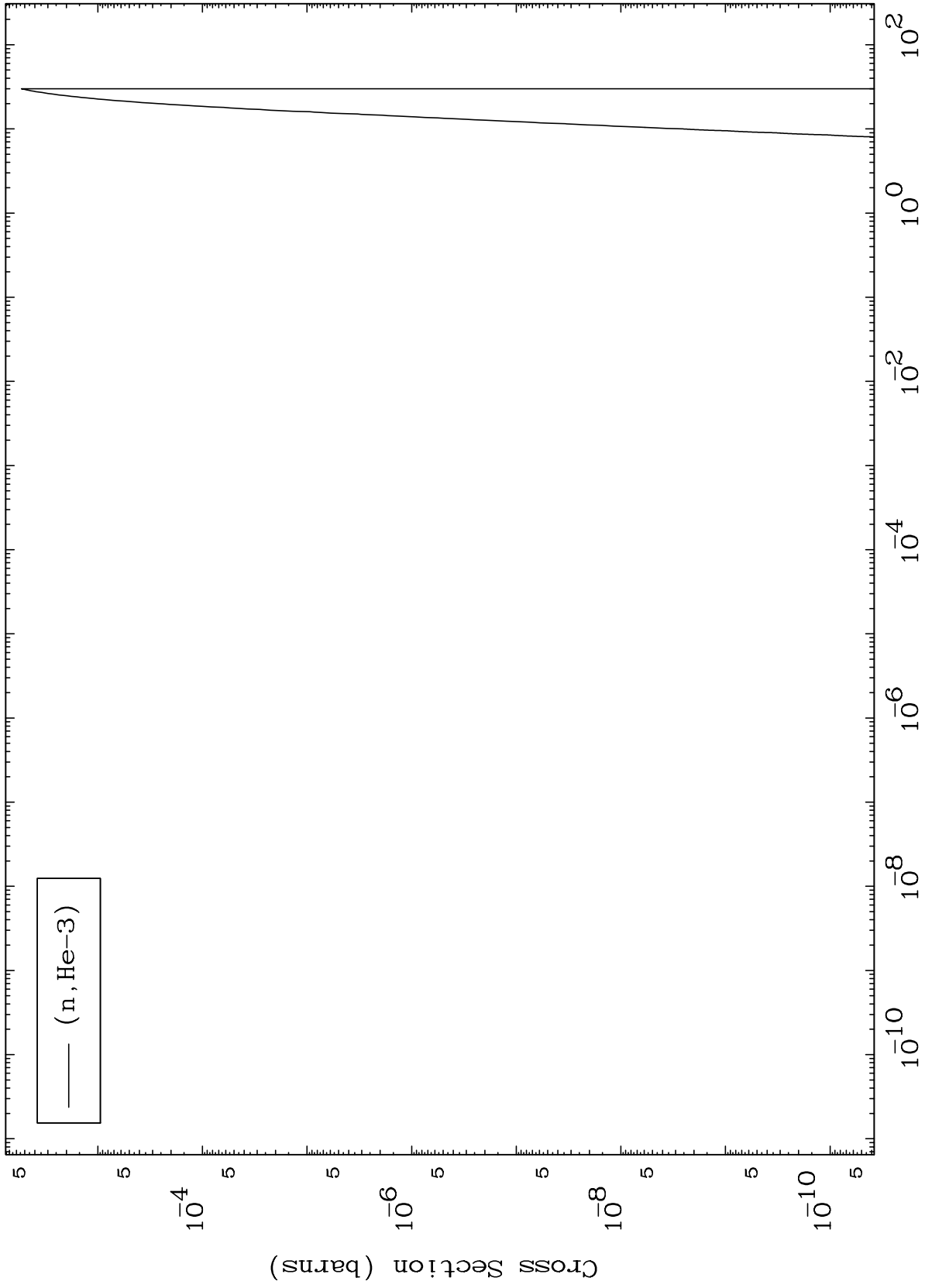
88-Ra-207



MAT 8777

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-207



16

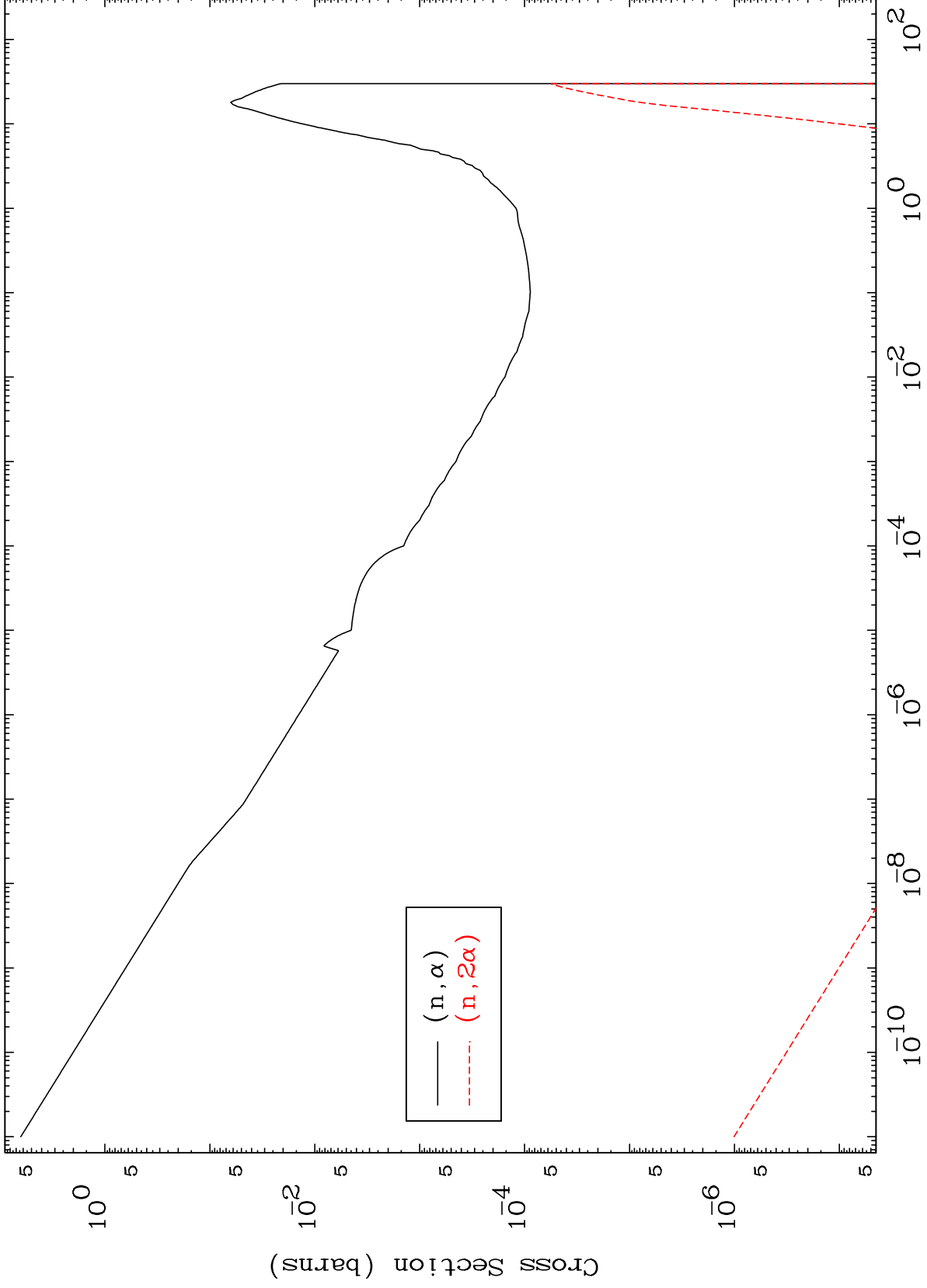
Incident Energy (MeV)

88-Ra-207

MAT 87777

(n,α) Levels  
293 Kelvin Cross Sections

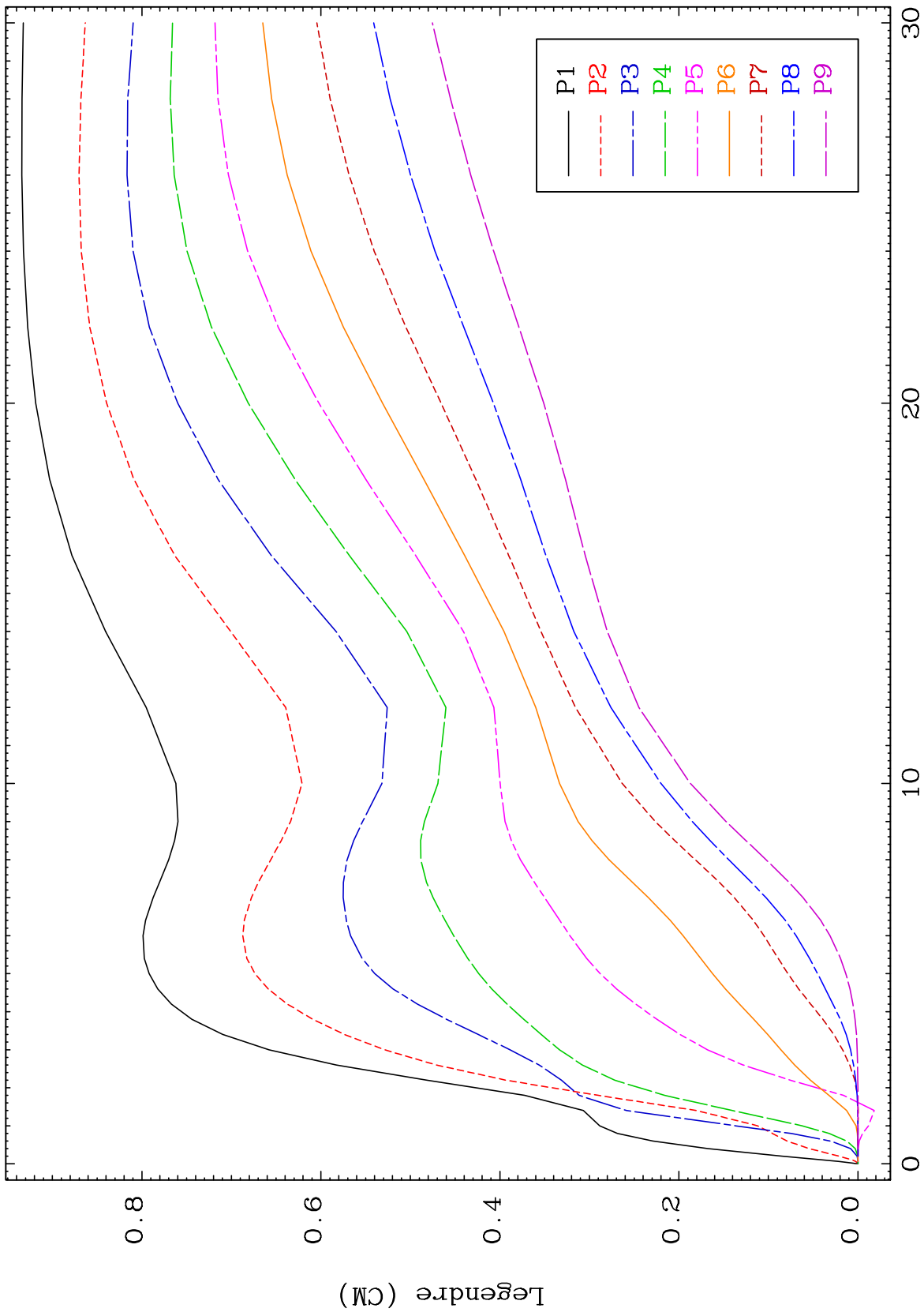
88-Ra-207



MAT 8777

Elastic Legendre Coefficients

88-Ra-207



18

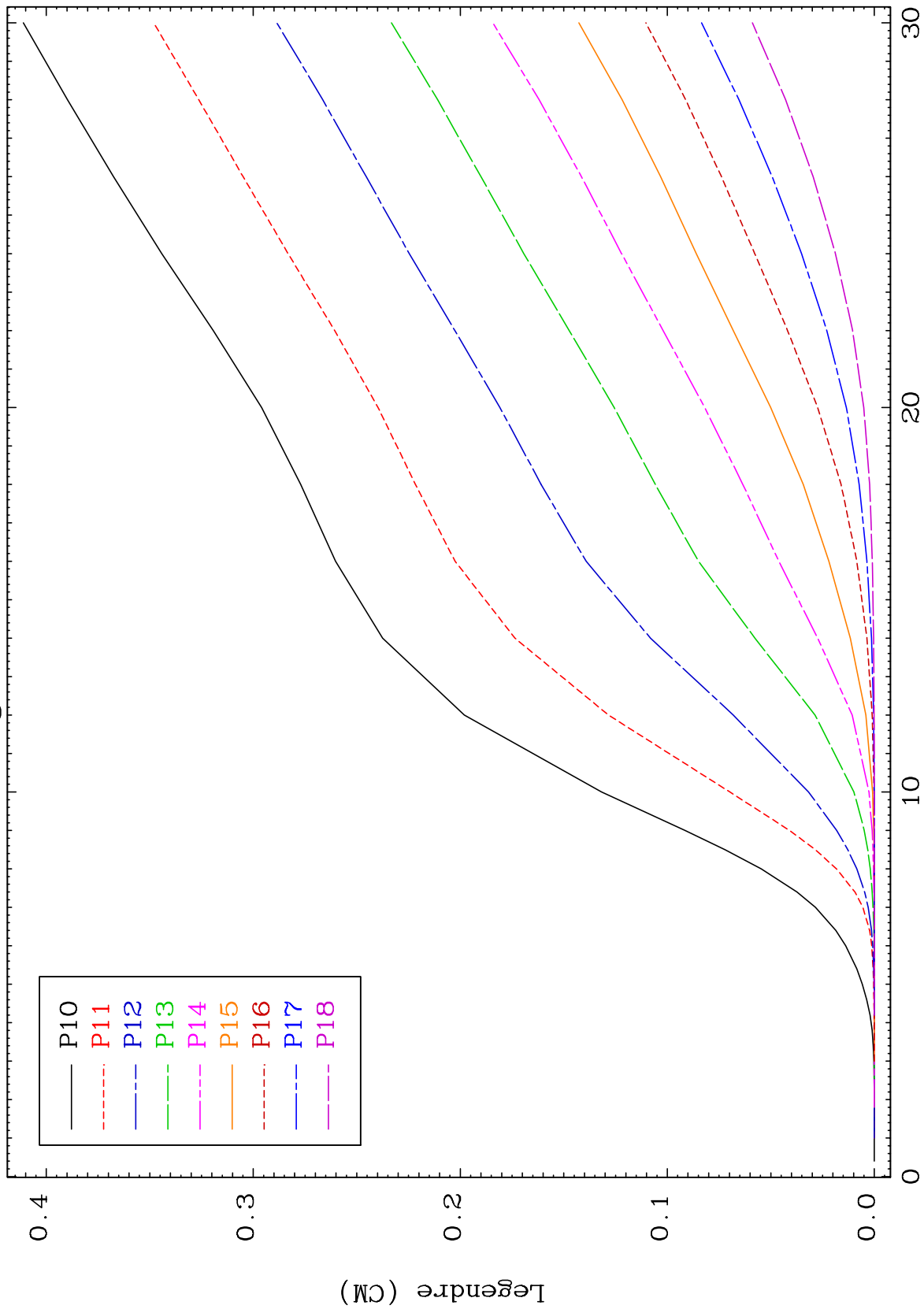
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



19

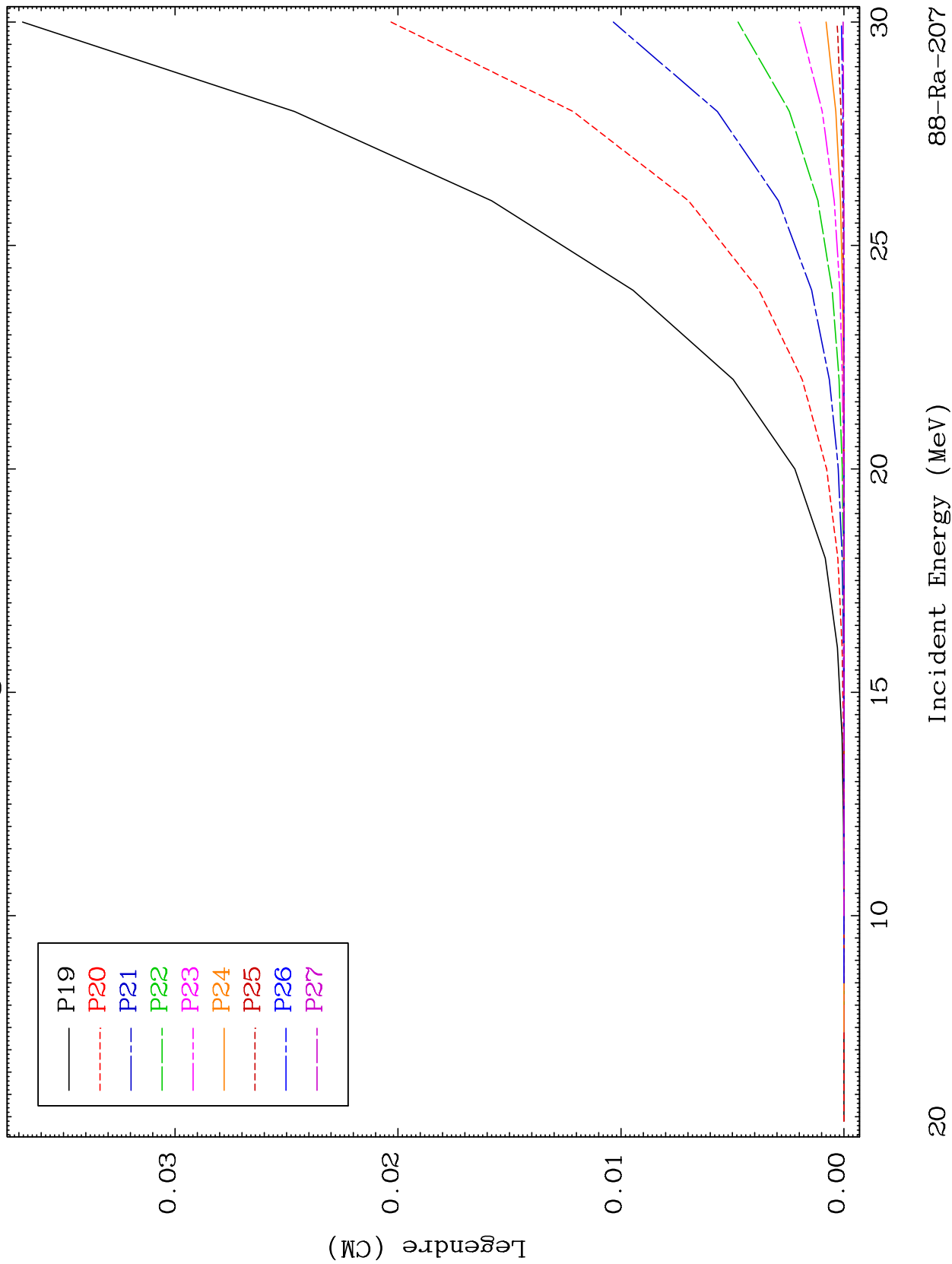
Incident Energy (MeV)

88-Ra-207

MAT 8777

### Elastic Legendre Coefficients

88-Ra-207



88-Ra-207

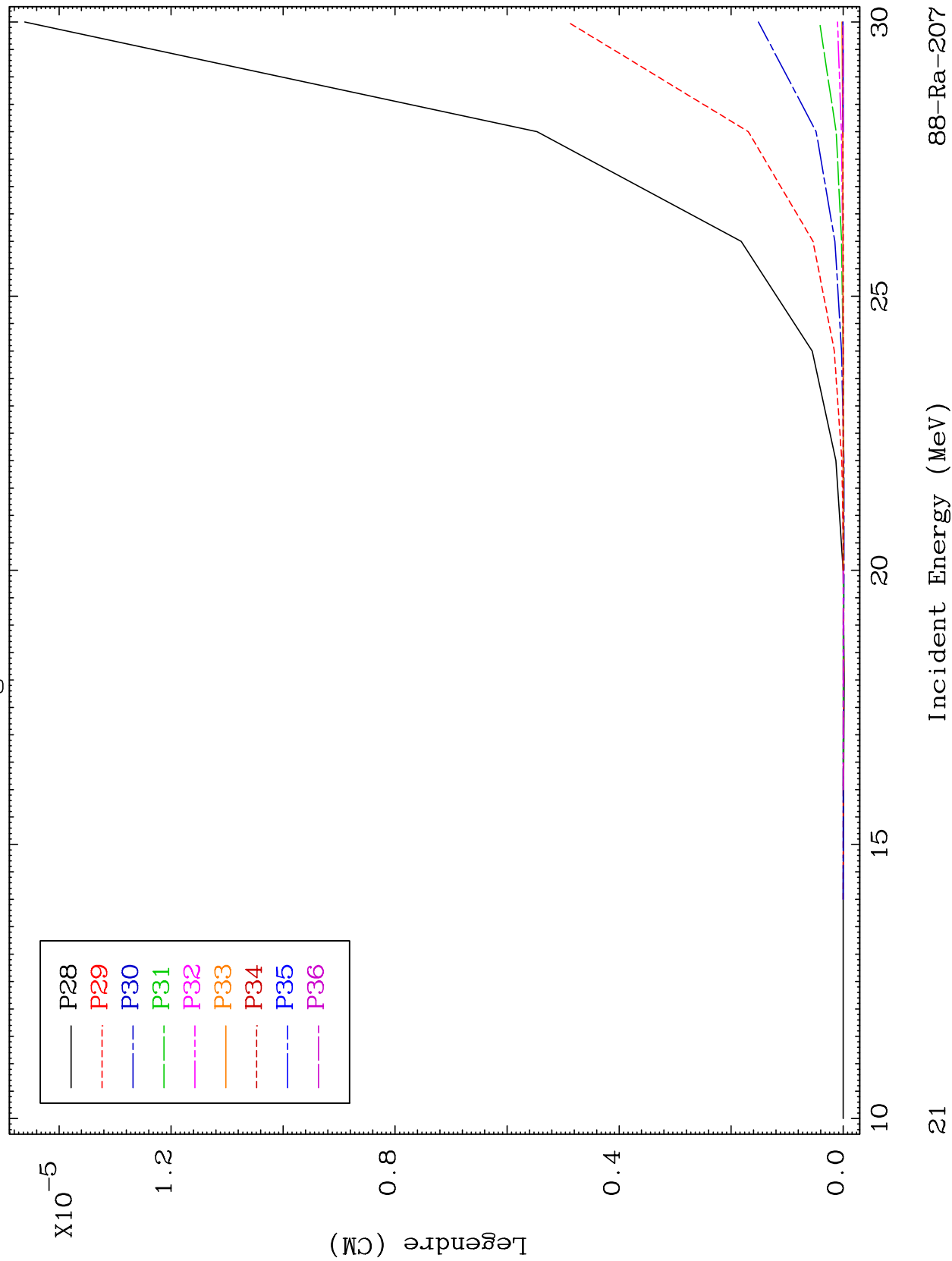
Incident Energy (MeV)

20

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



21

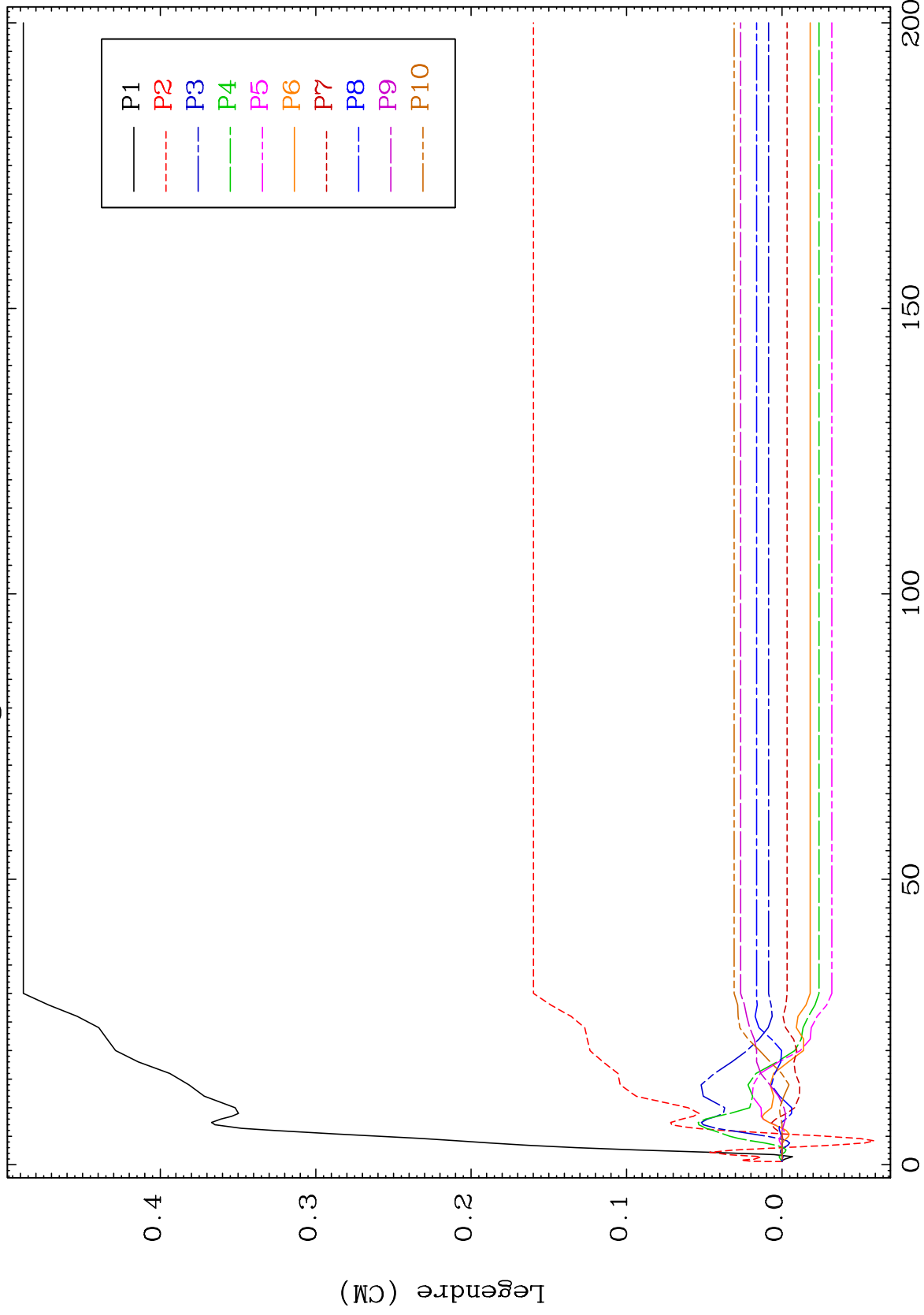
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



22

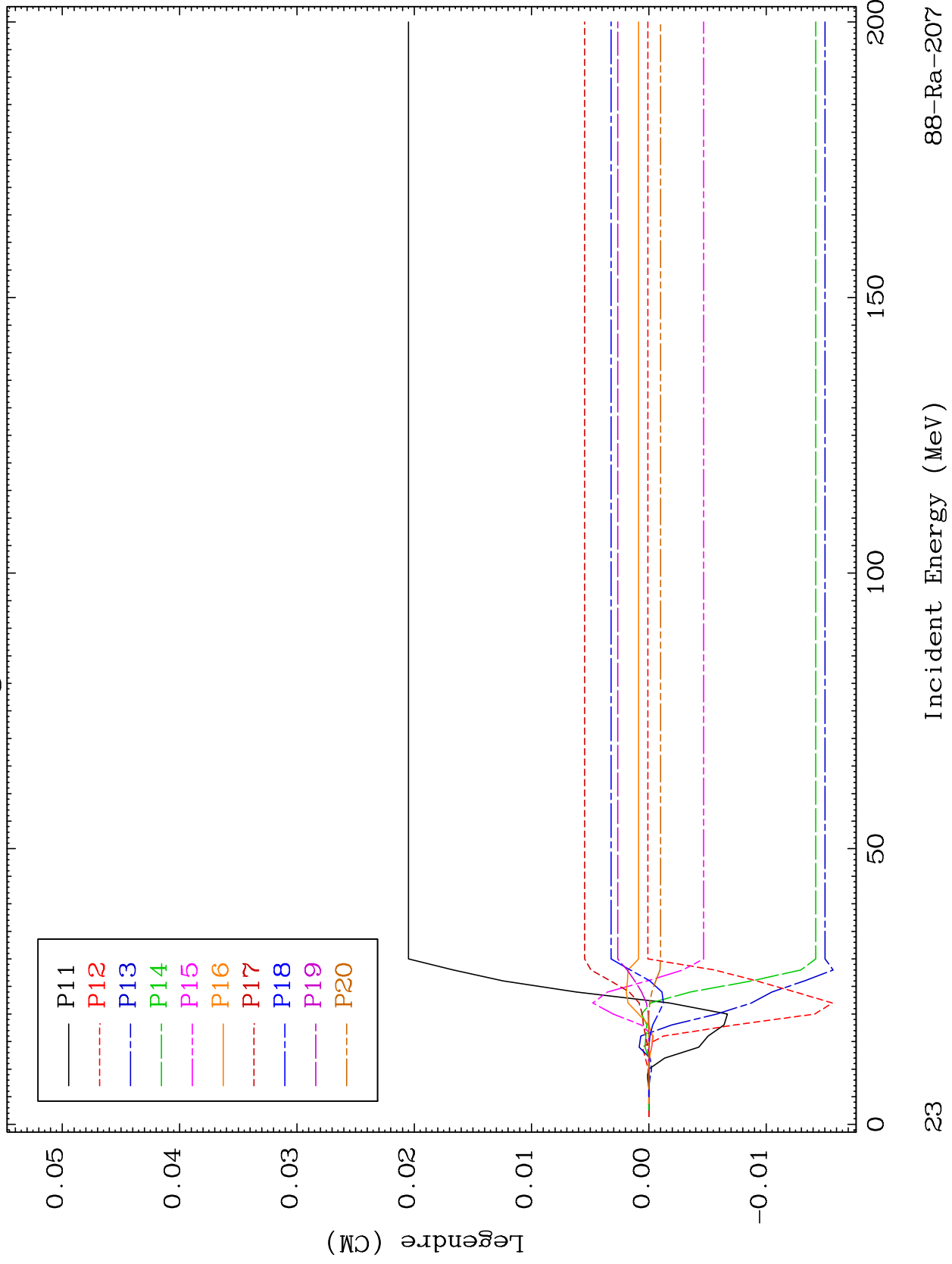
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

Incident Energy (MeV)

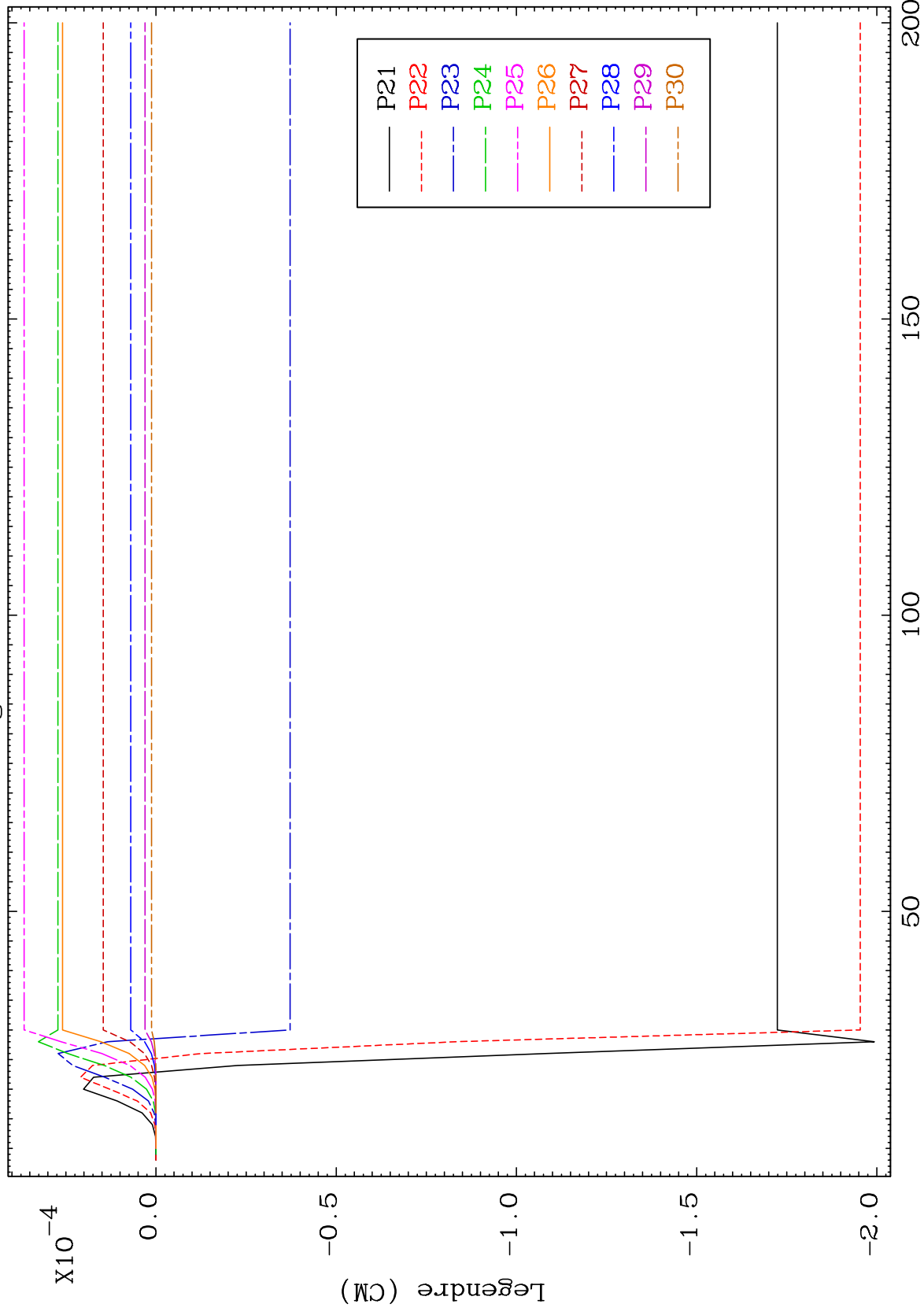
23



MAT 8777

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

88-Ra-207



24

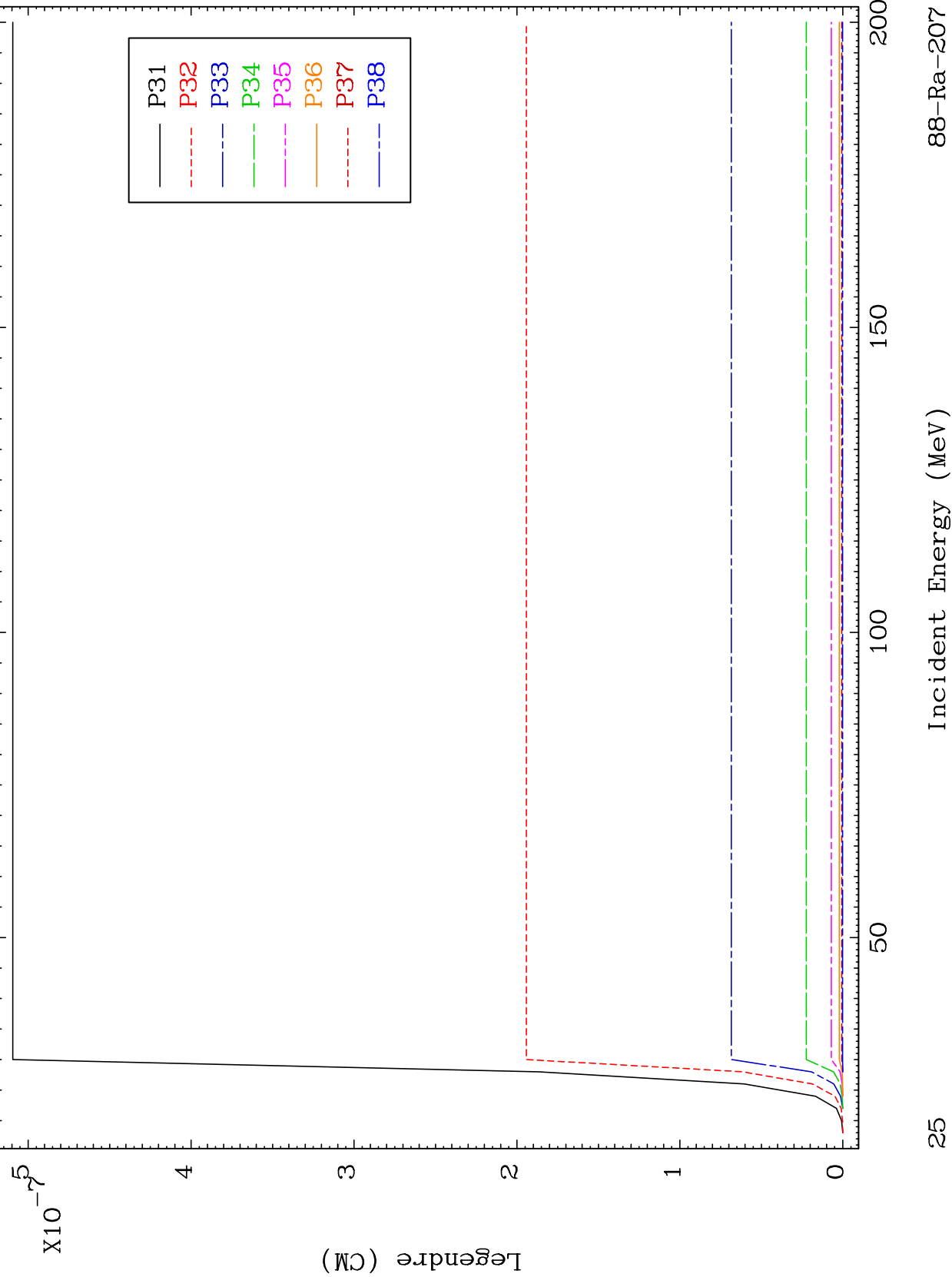
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

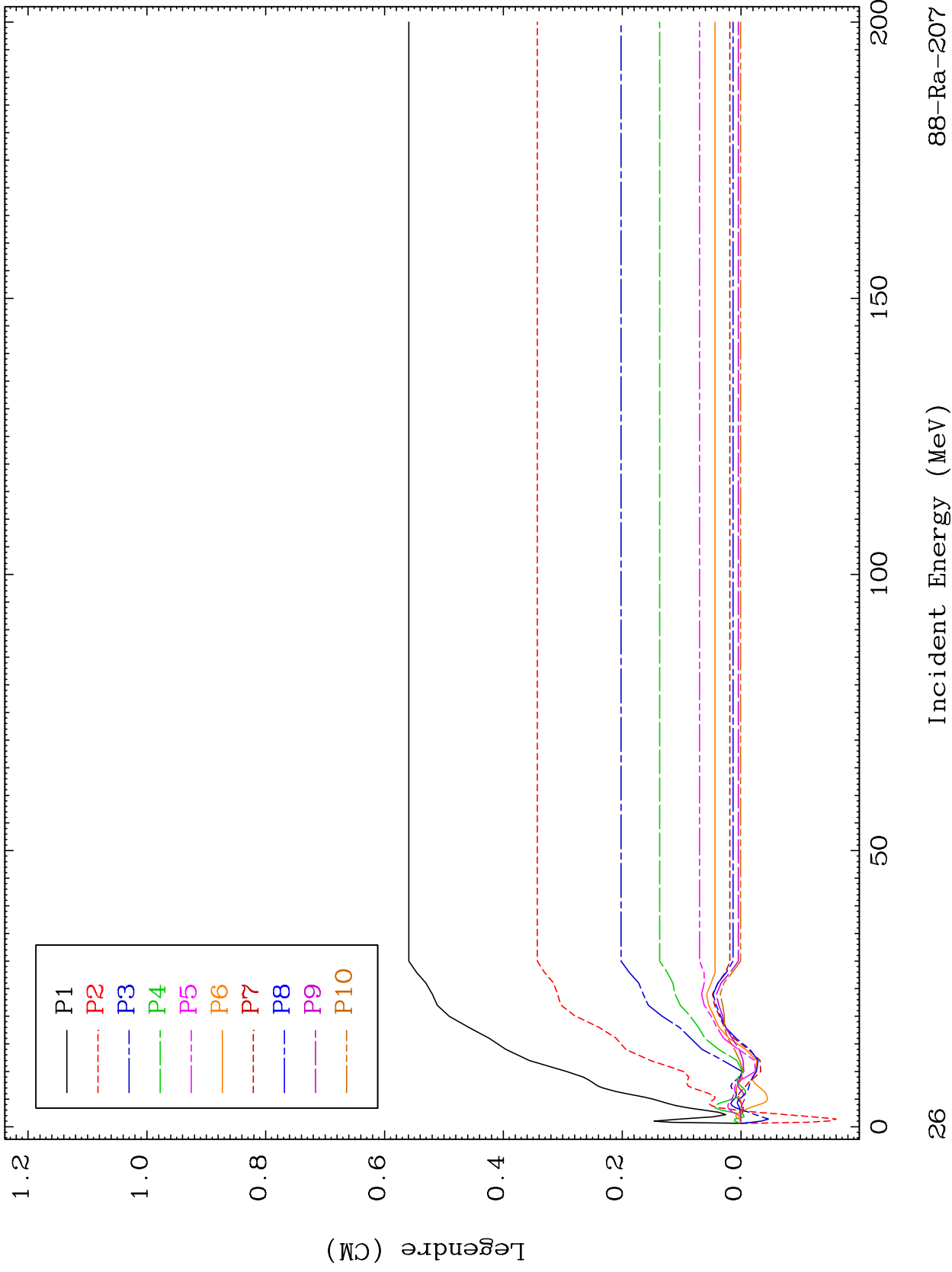
88-Ra-207



MAT 8777

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

88-Ra-207



26

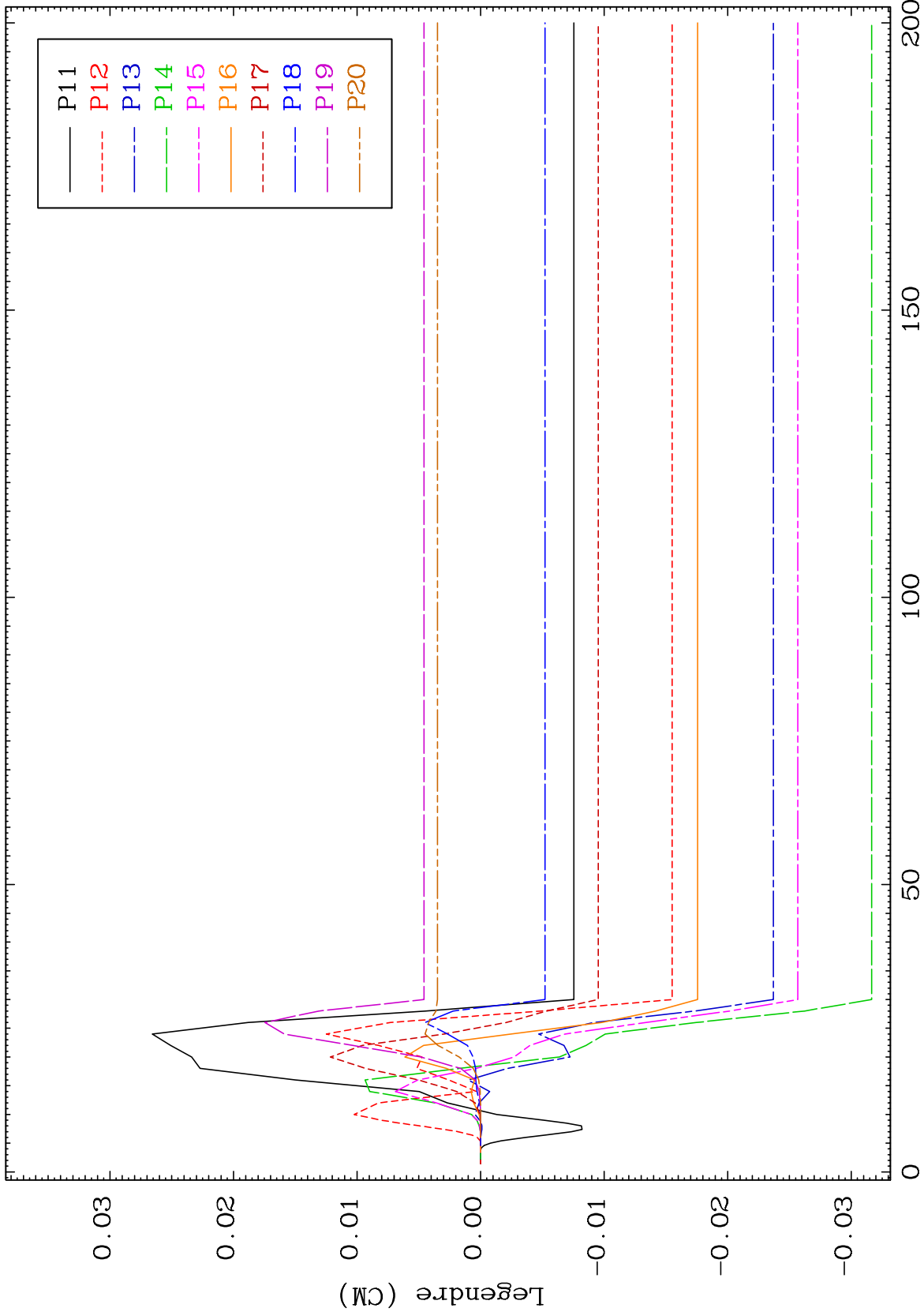
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



27

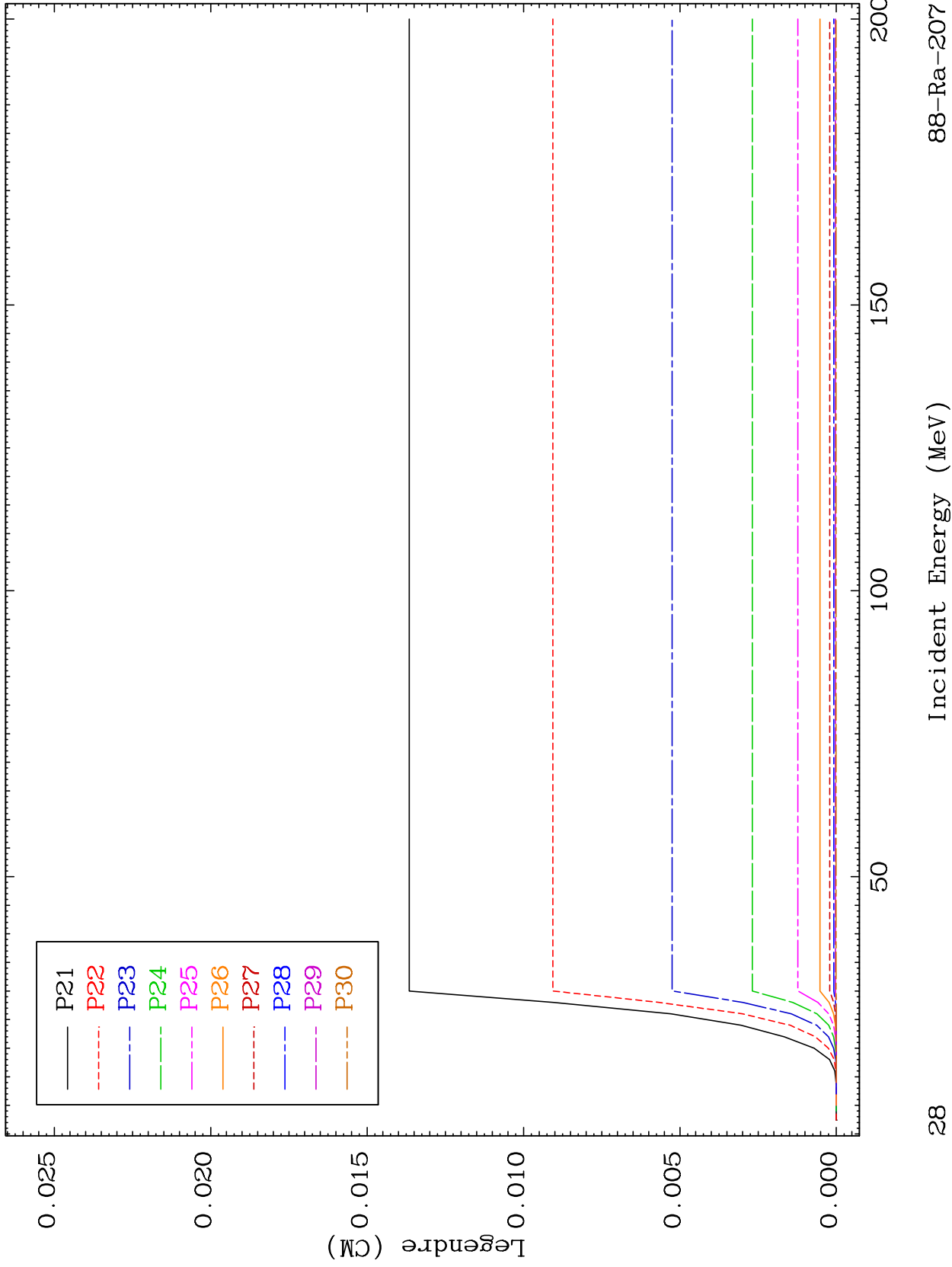
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



28

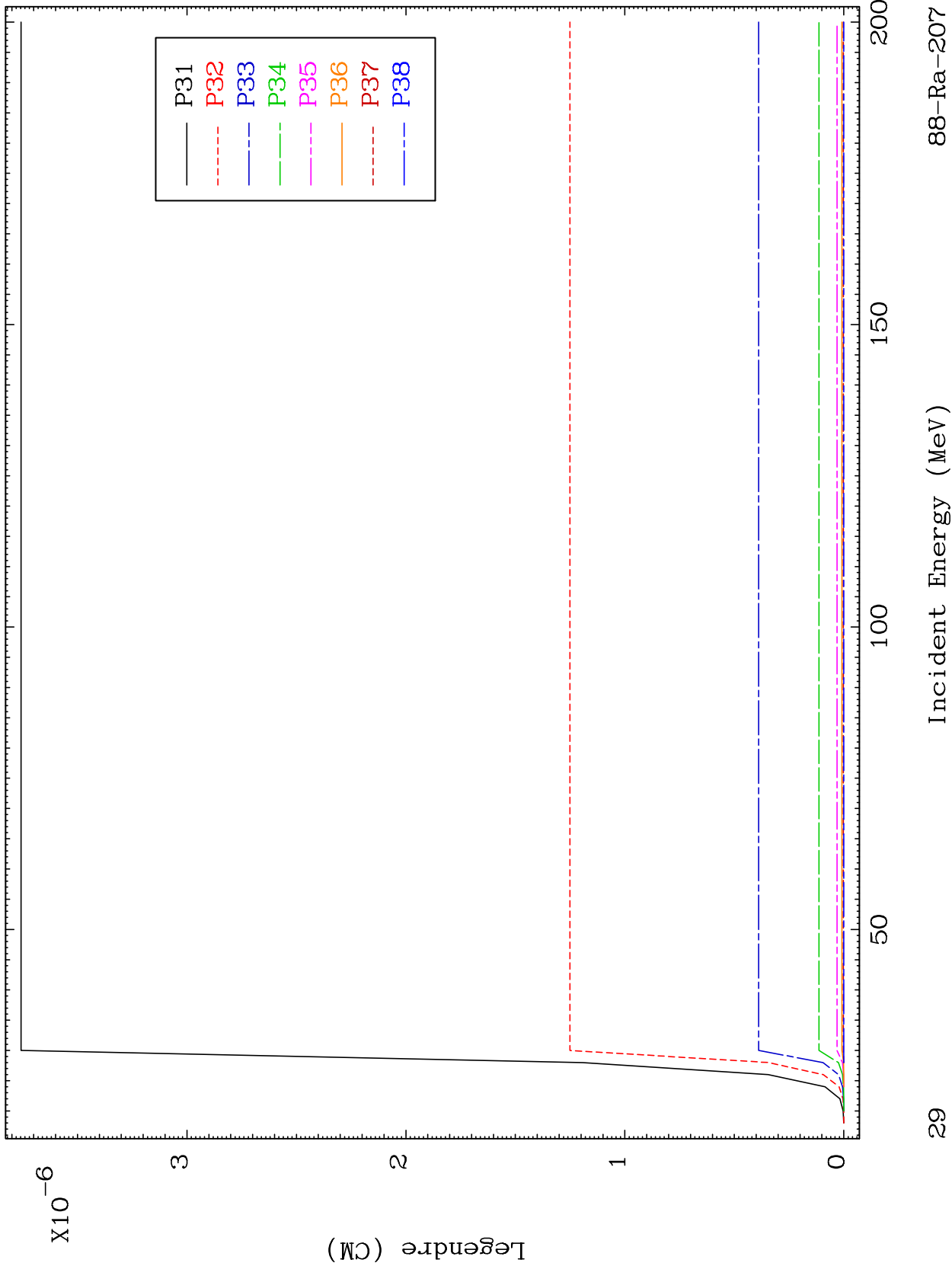
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



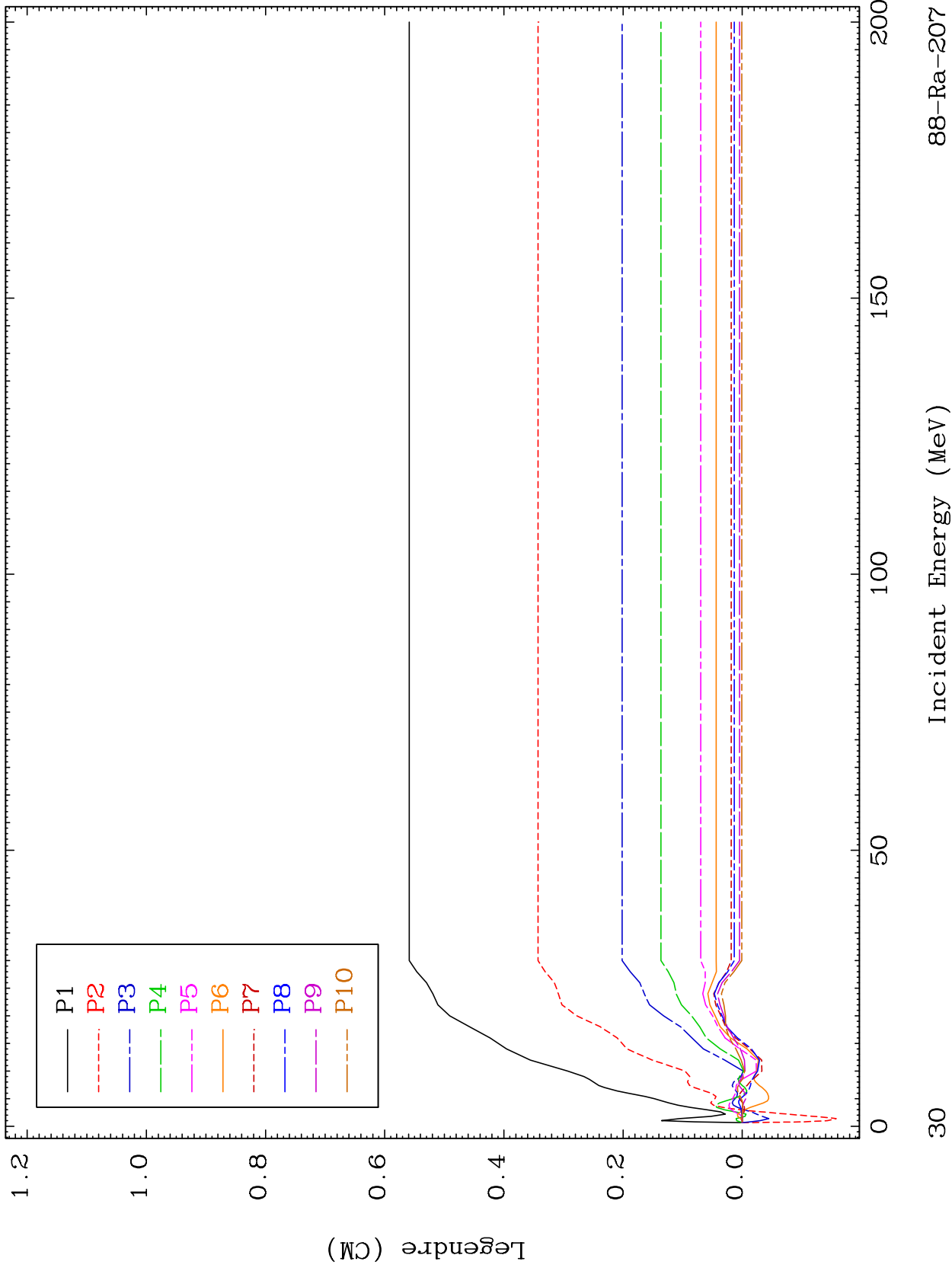
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88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

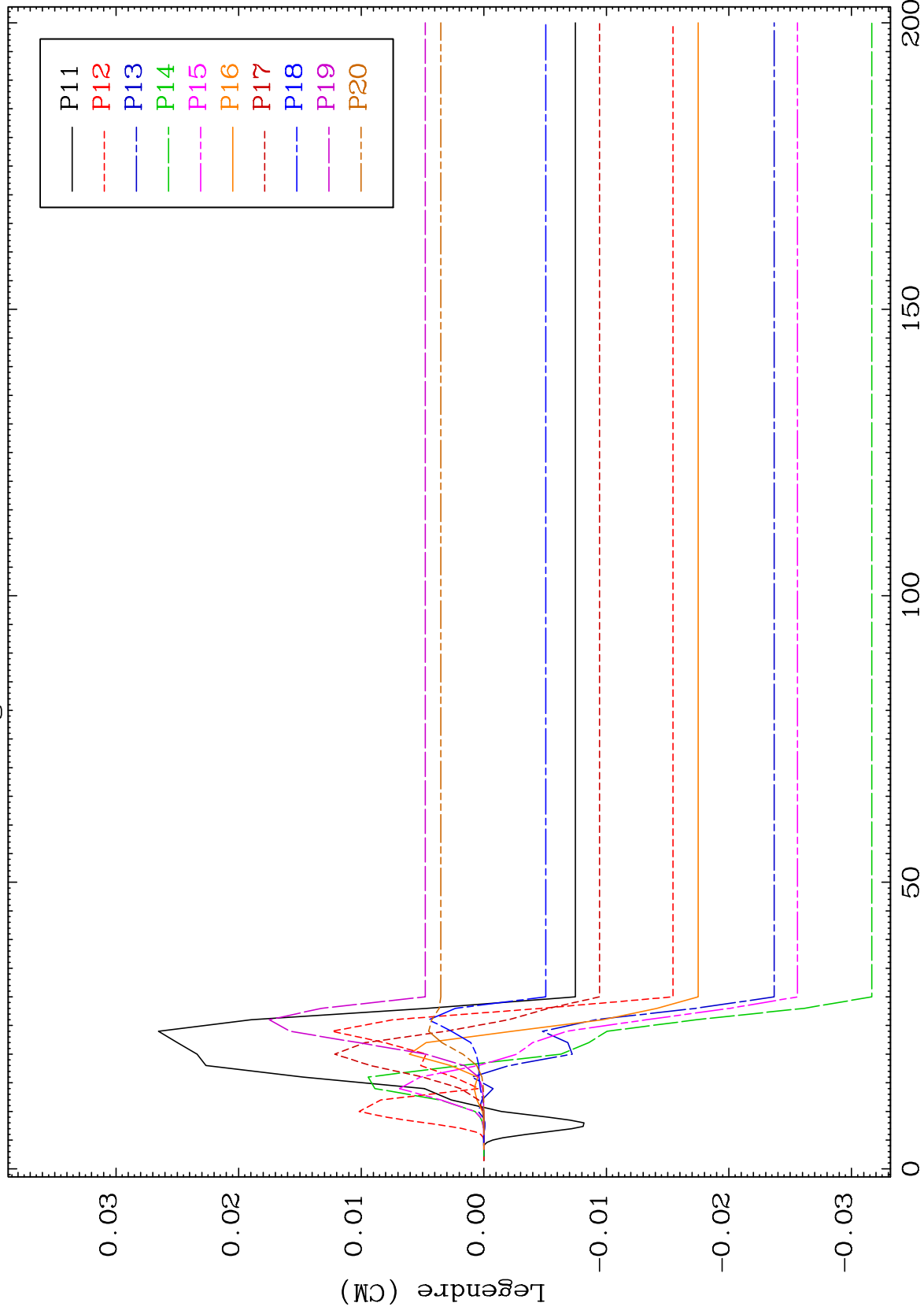
Incident Energy (MeV)

30

MAT 8777

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

88-Ra-207



31

Incident Energy (MeV)

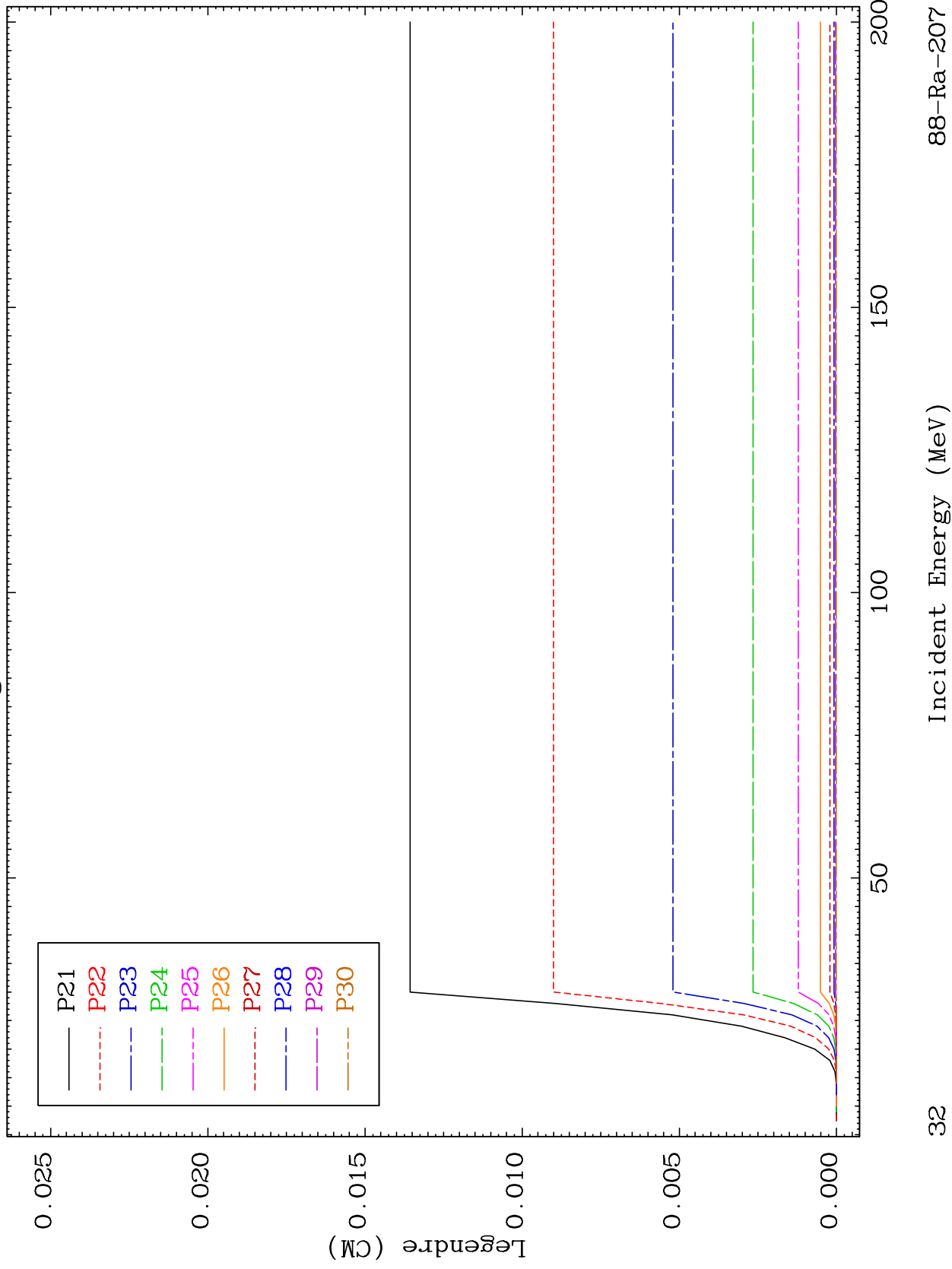
88-Ra-207



MAT 8777

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

88-Ra-207



32

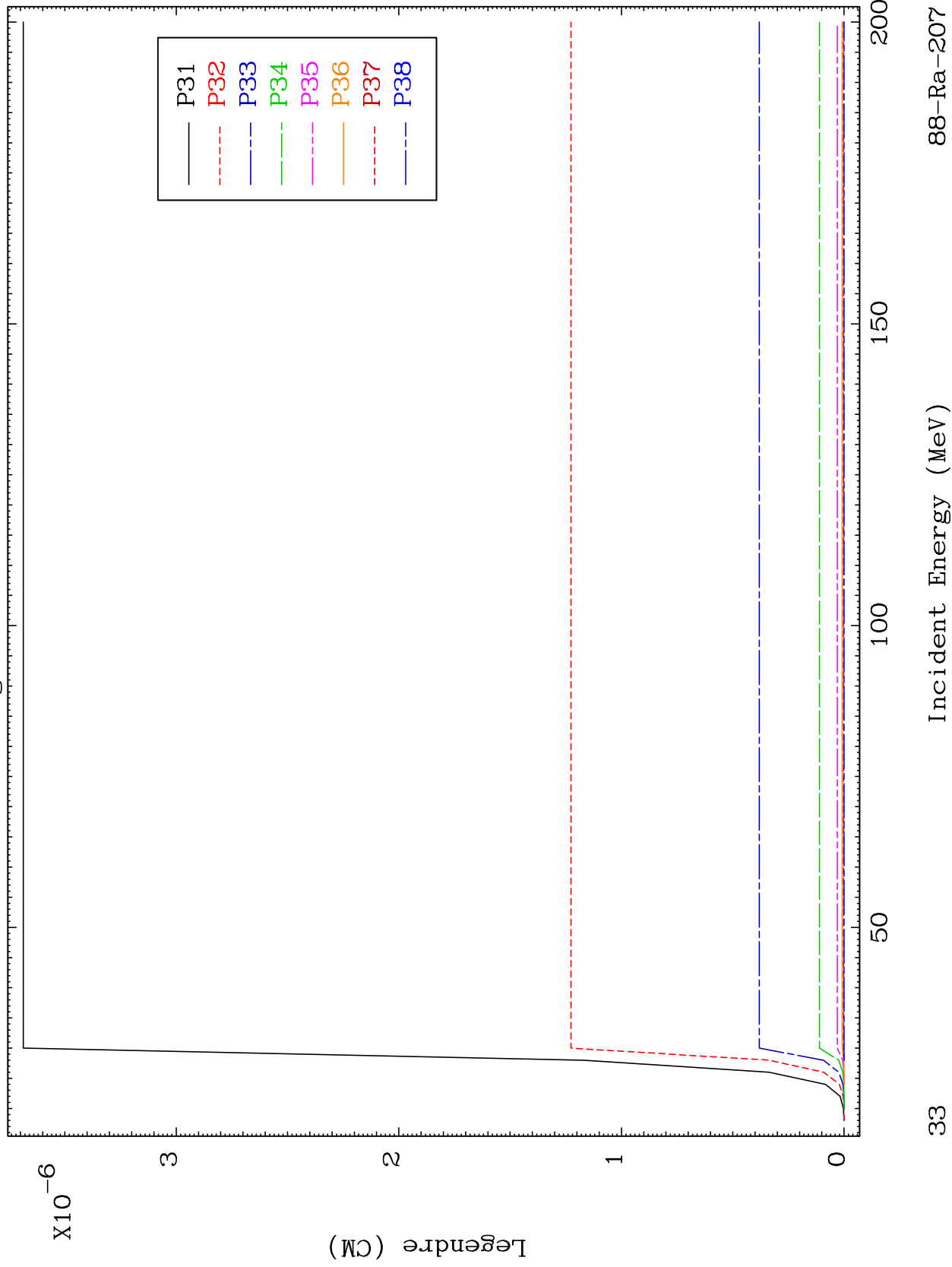
Incident Energy (MeV)

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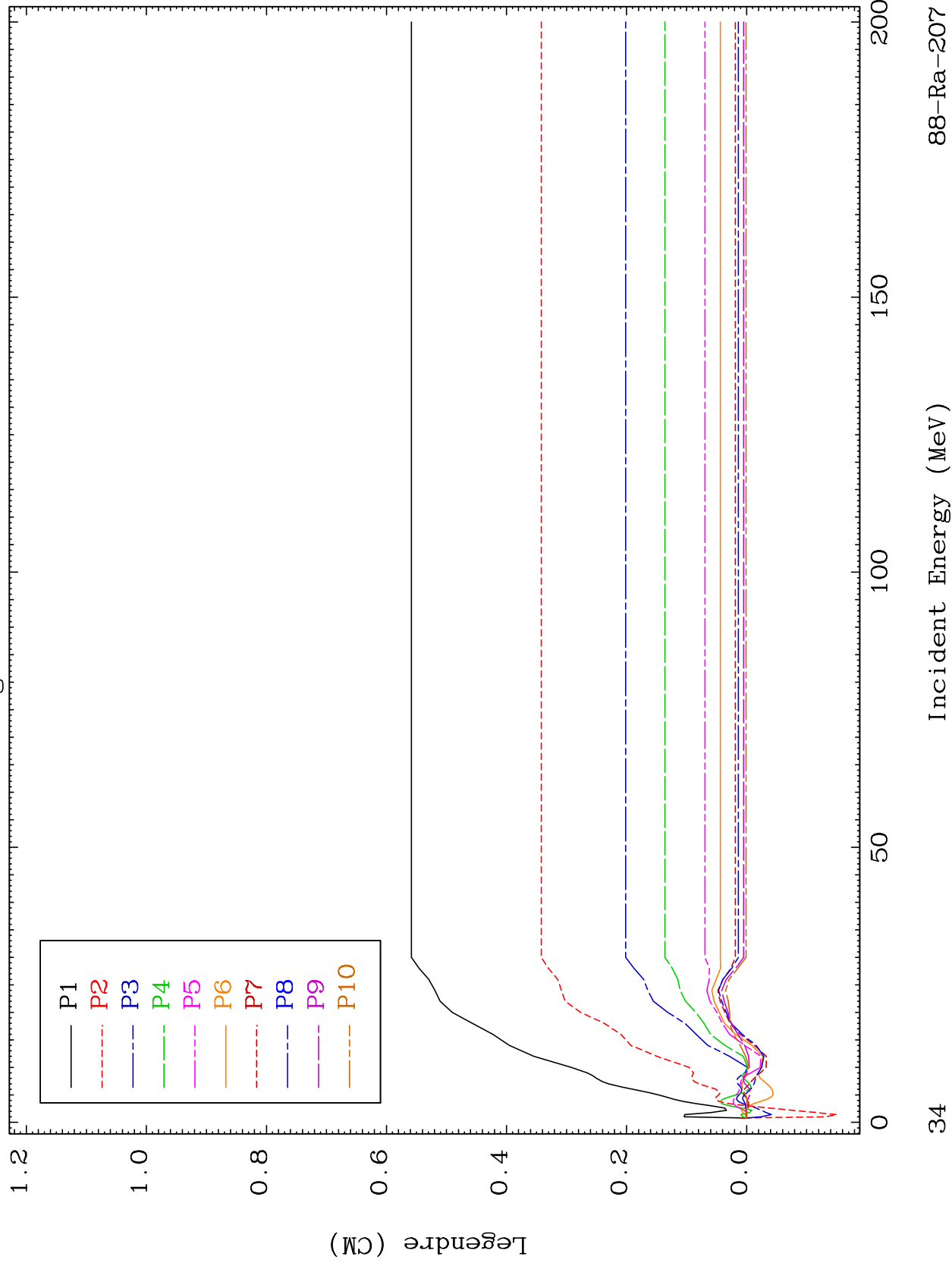
MAT 8777

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

88-Ra-207



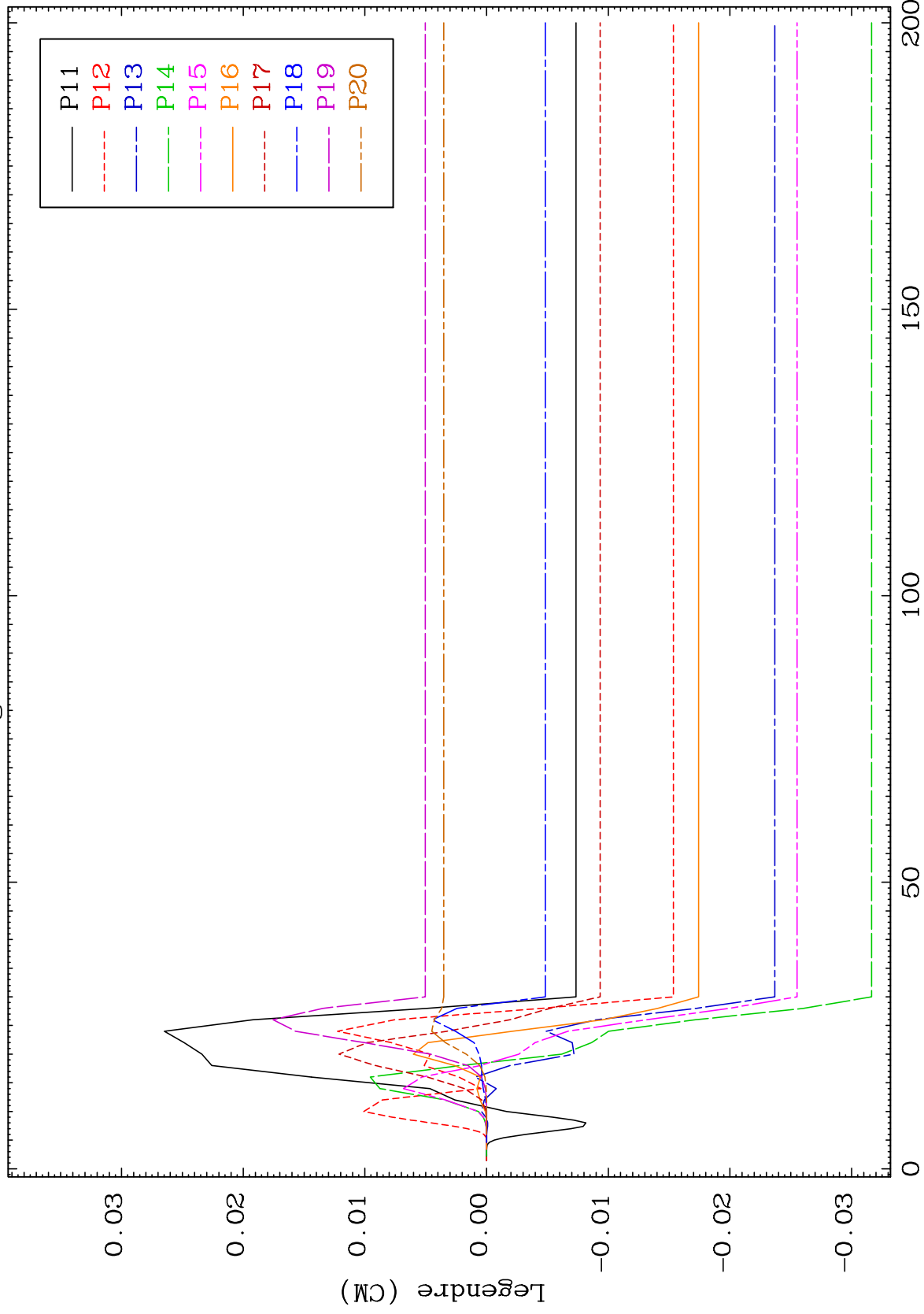
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MAT 8777

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

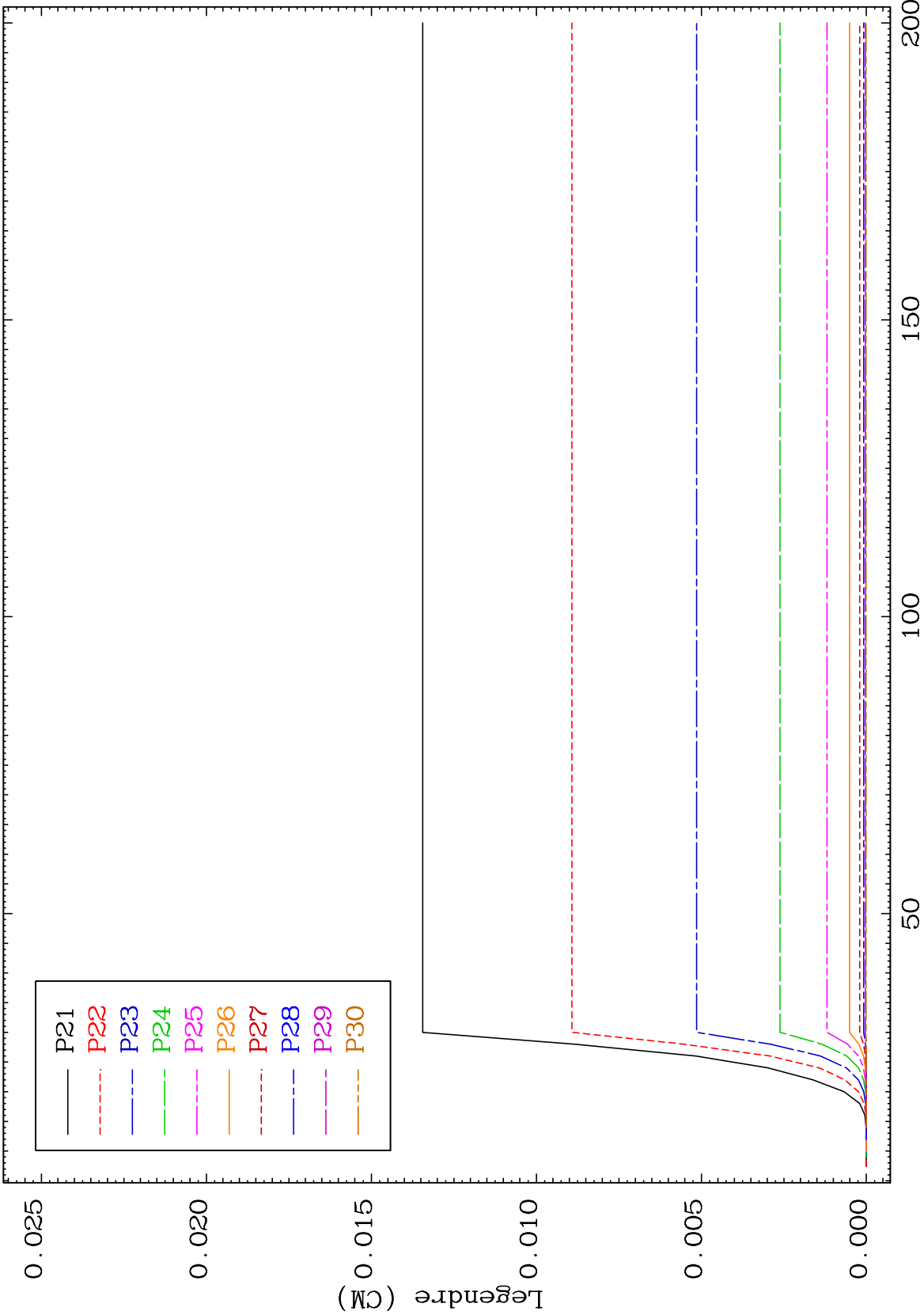
88-Ra-207



35

Incident Energy (MeV)

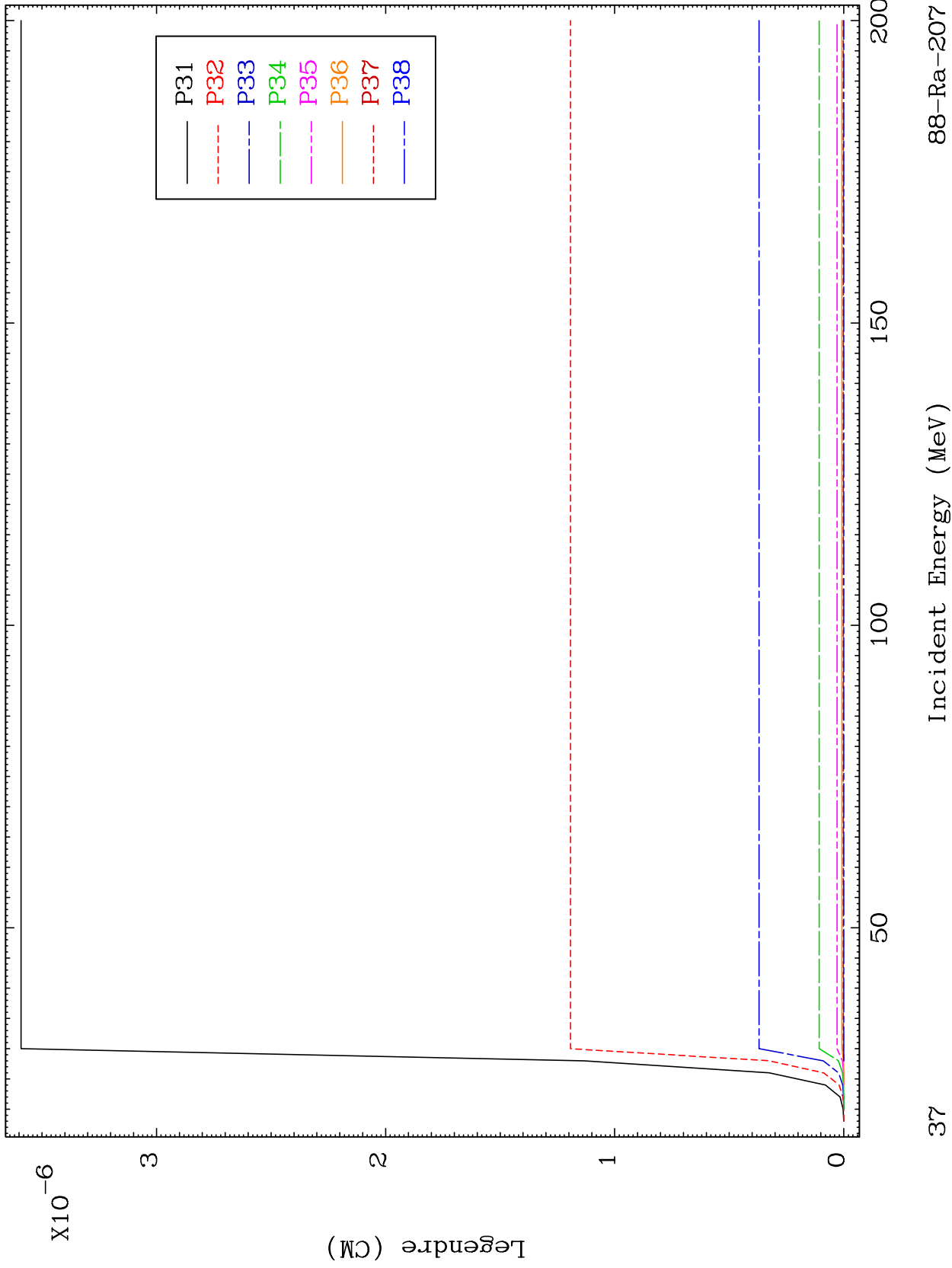
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MAT 8777

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

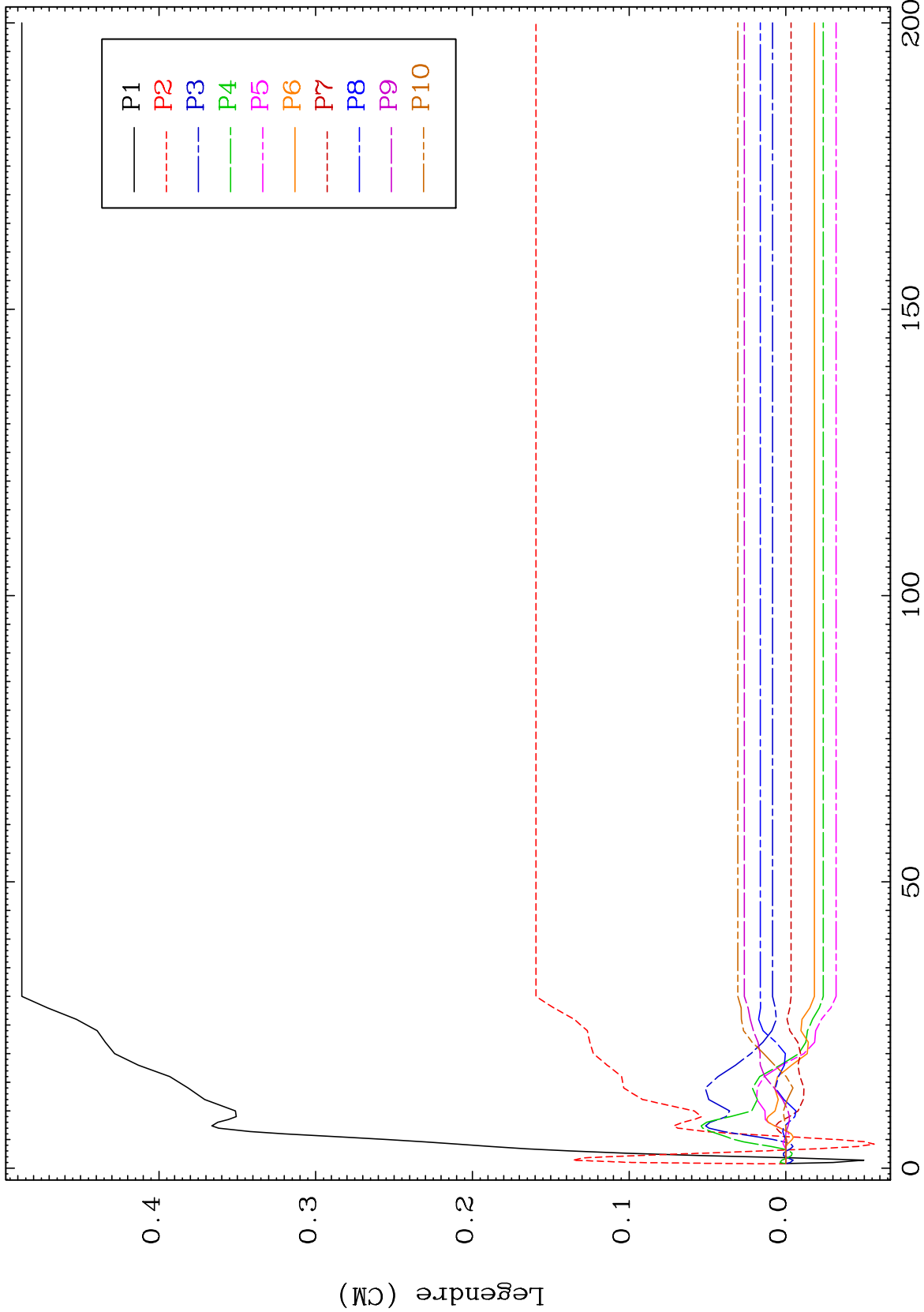
88-Ra-207



MAT 8777

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

88-Ra-207



38

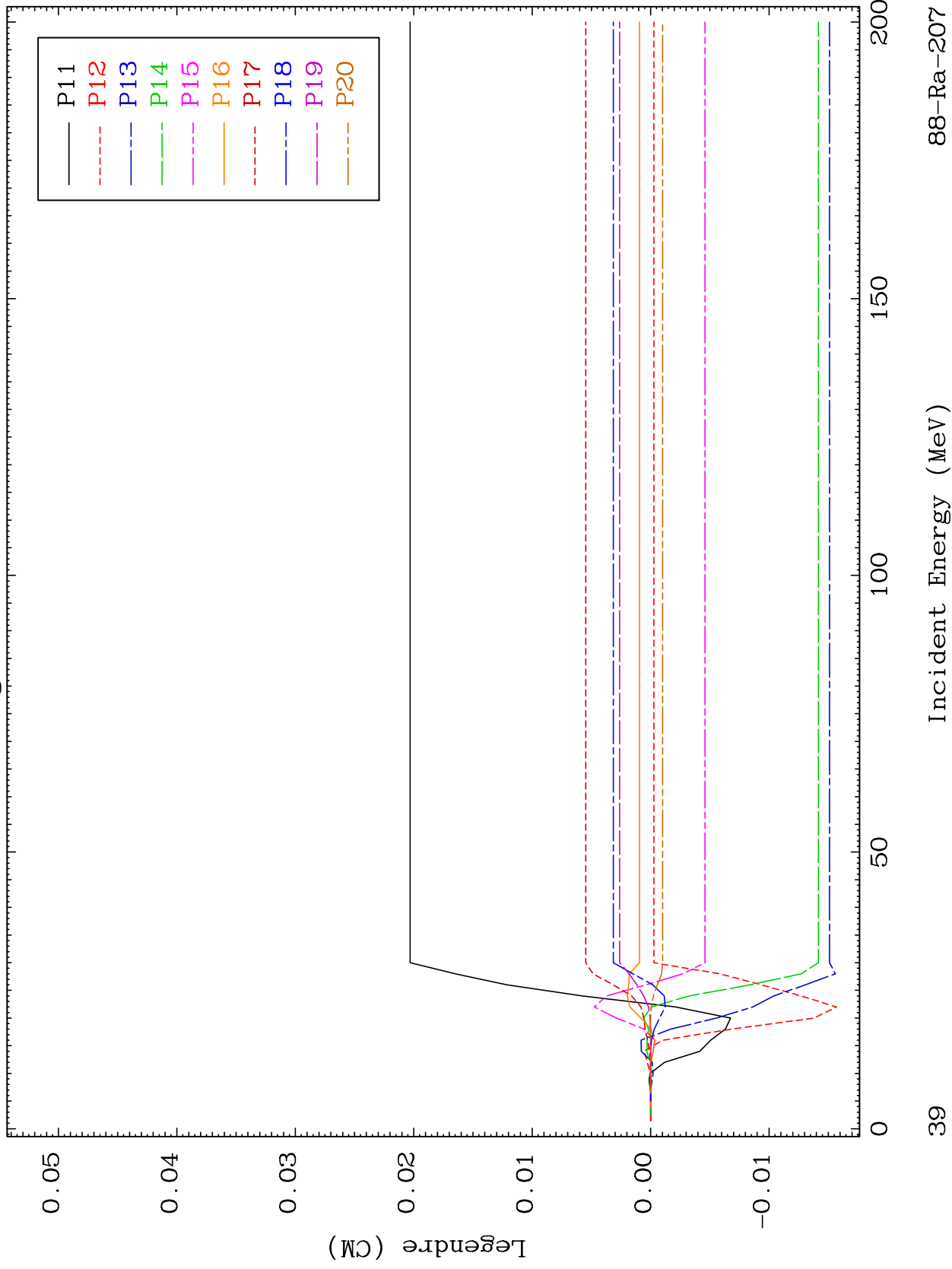
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



39

Incident Energy (MeV)

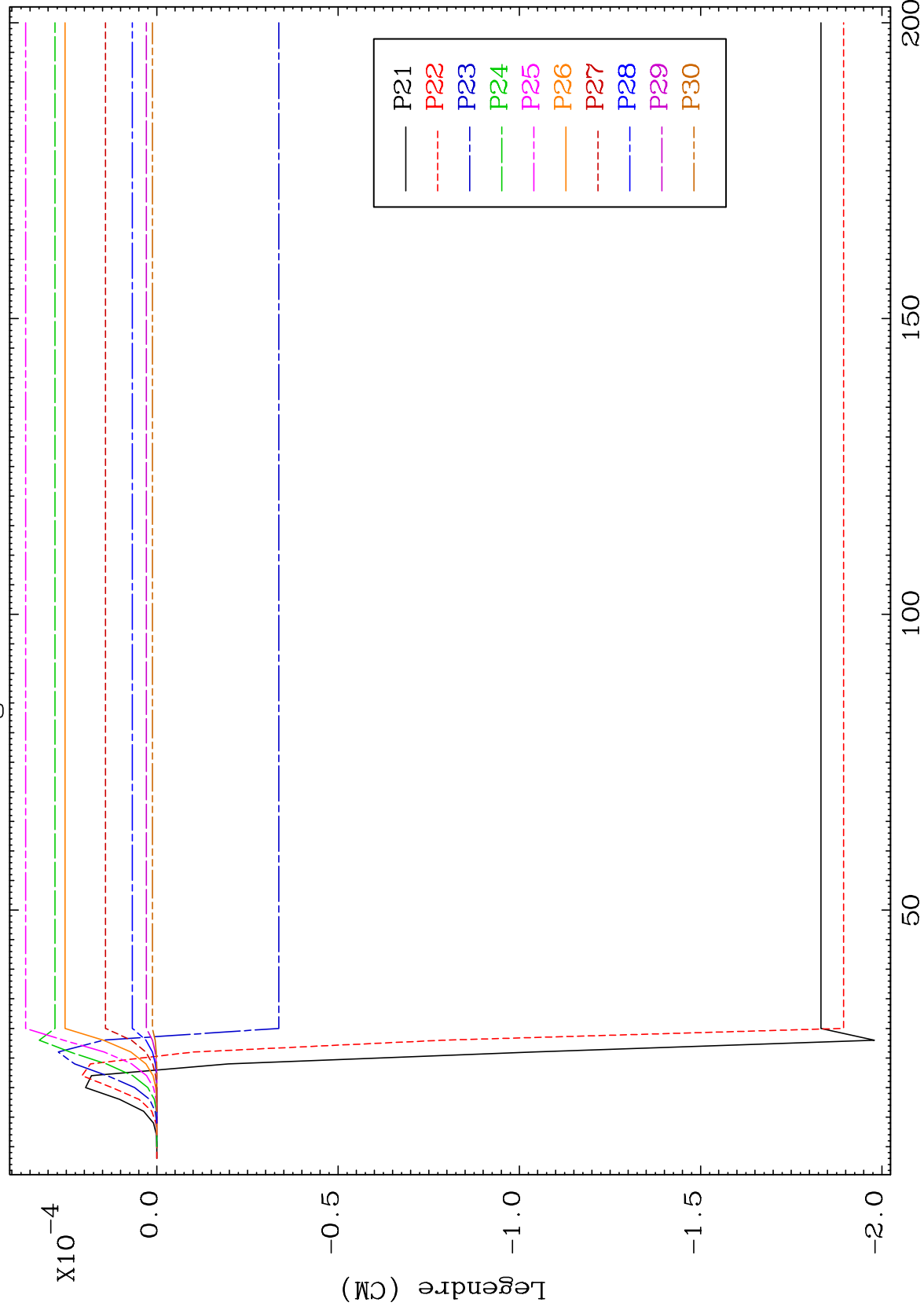
88-Ra-207



MAT 8777

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

88-Ra-207



40

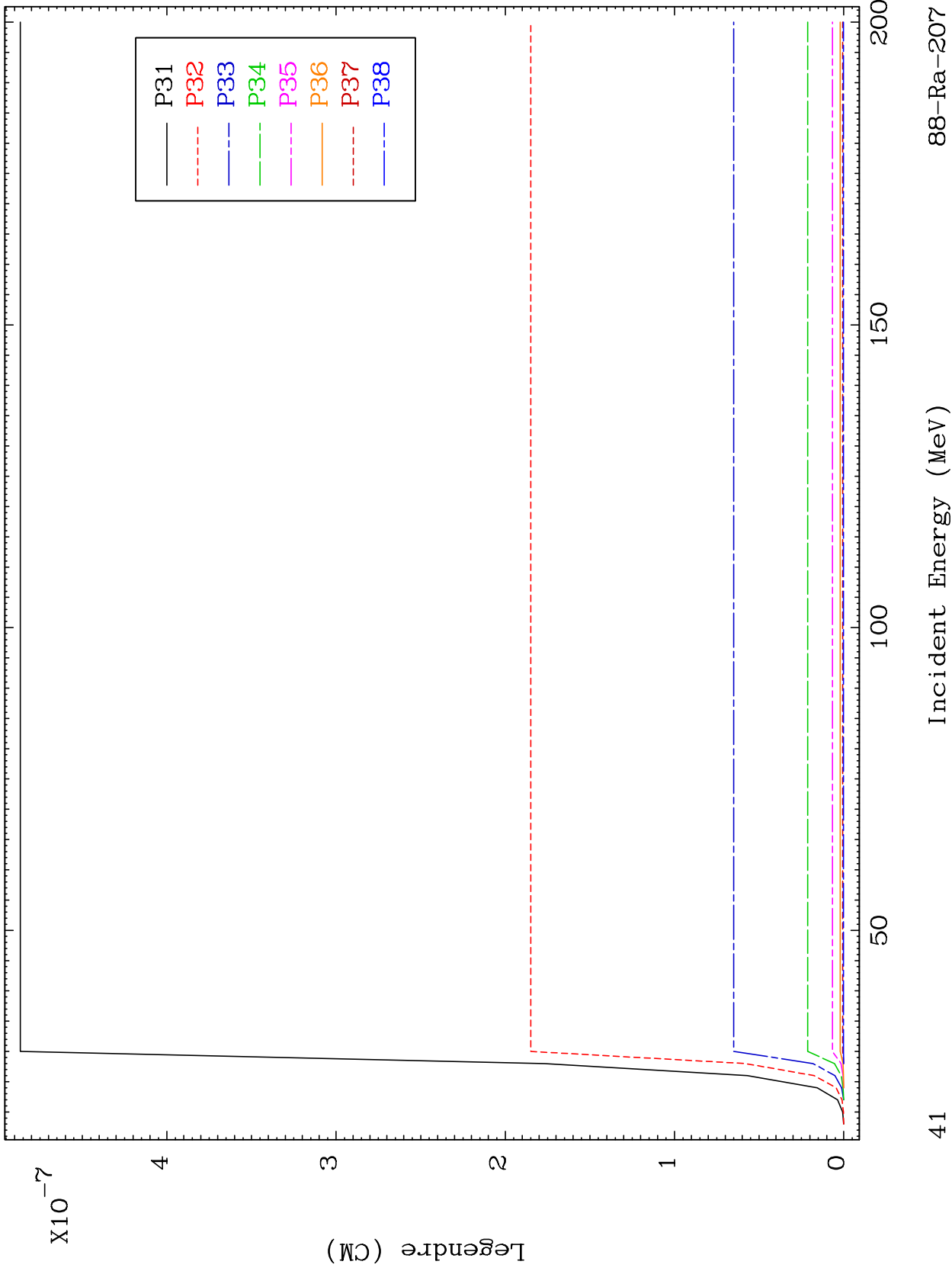
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

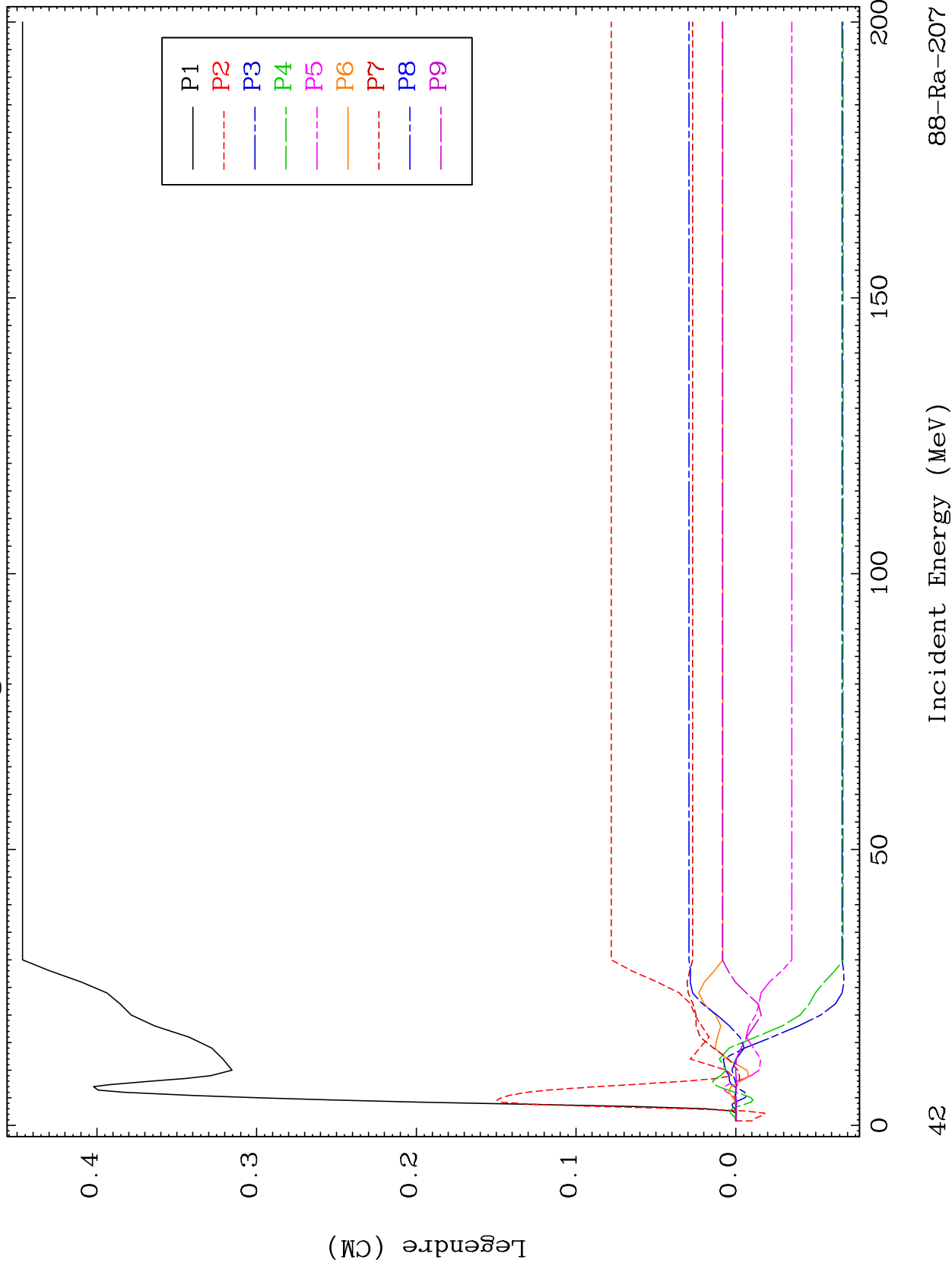
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

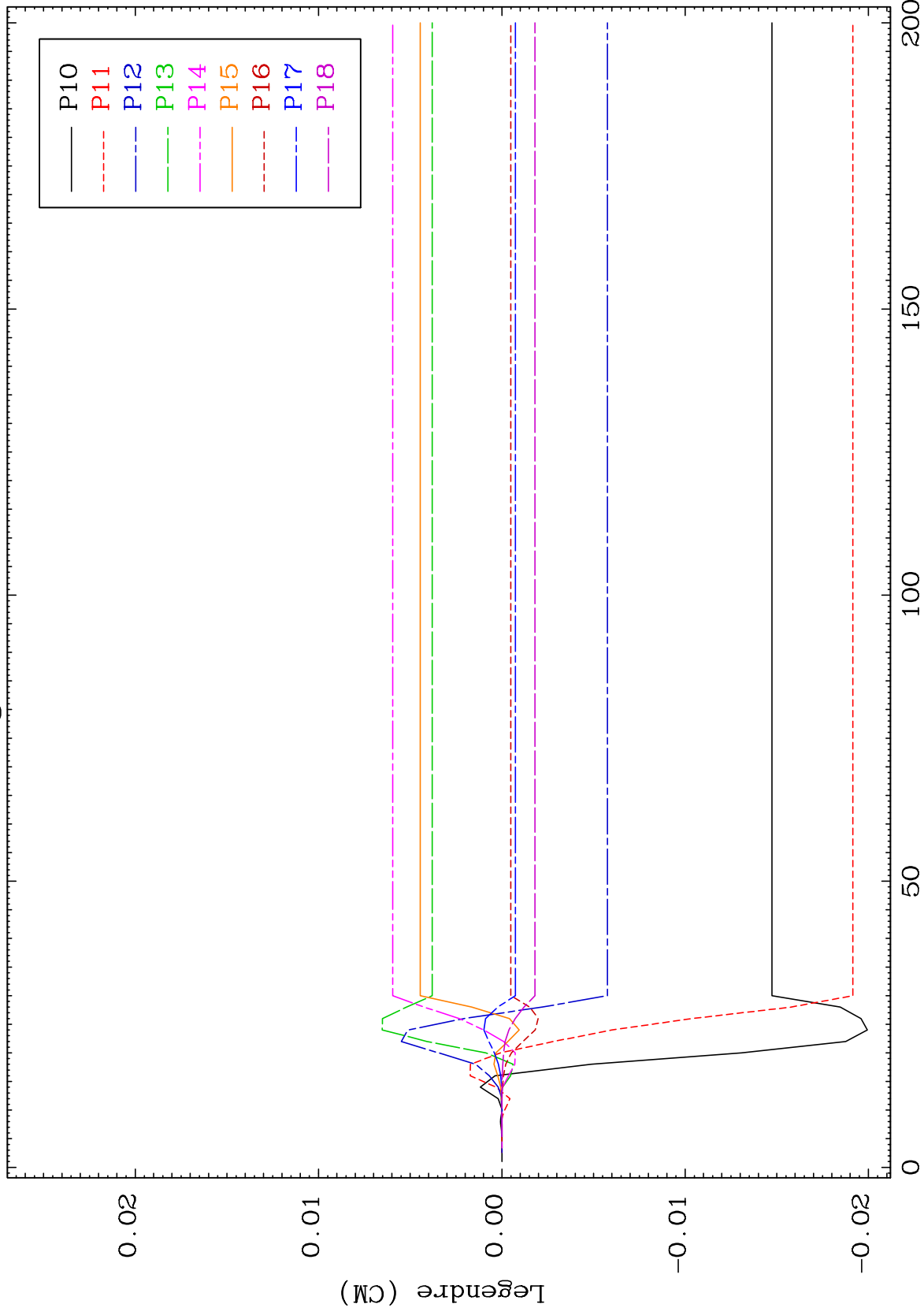
Incident Energy (MeV)

42

MAT 8777

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

88-Ra-207



43

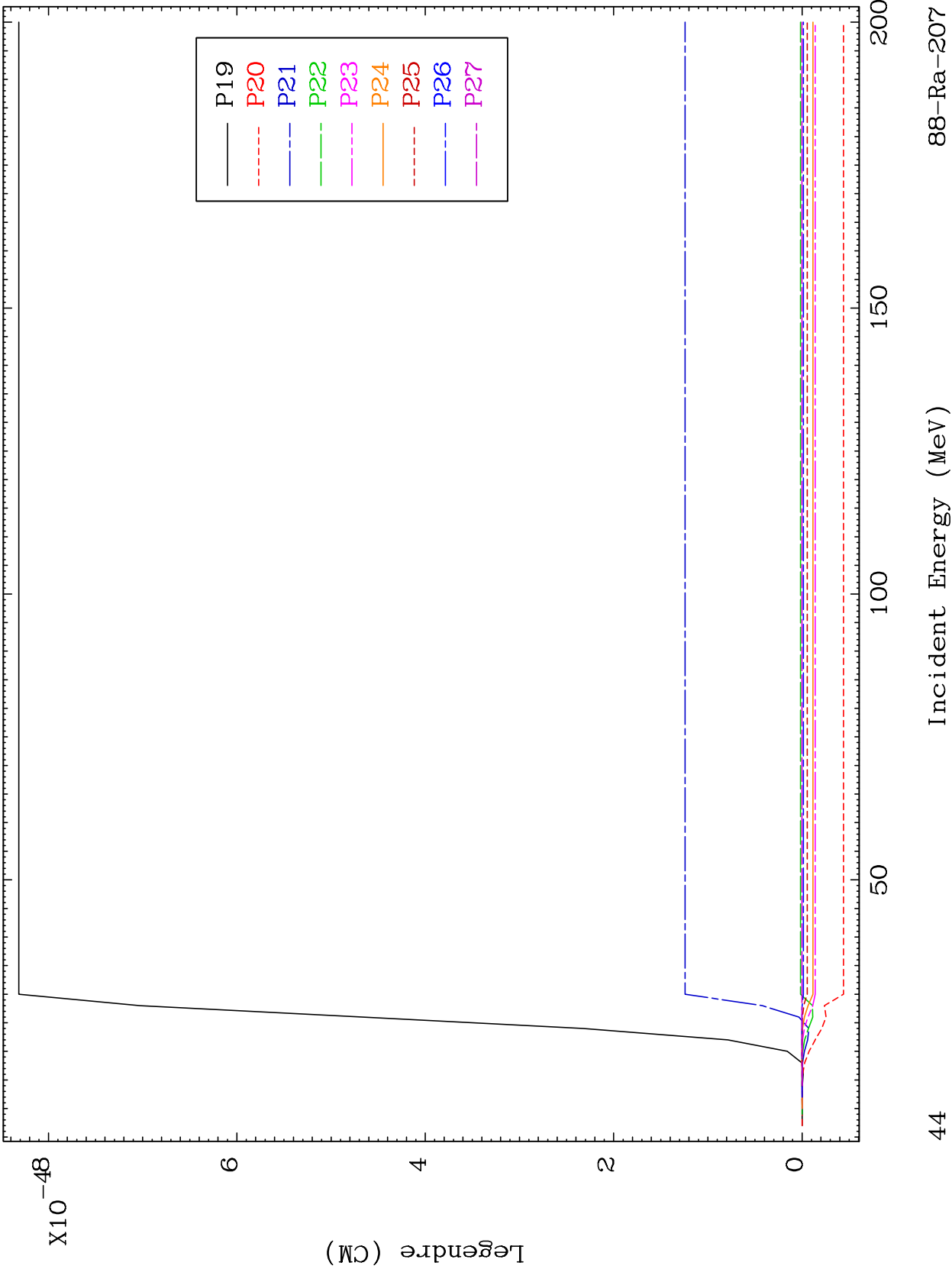
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



44

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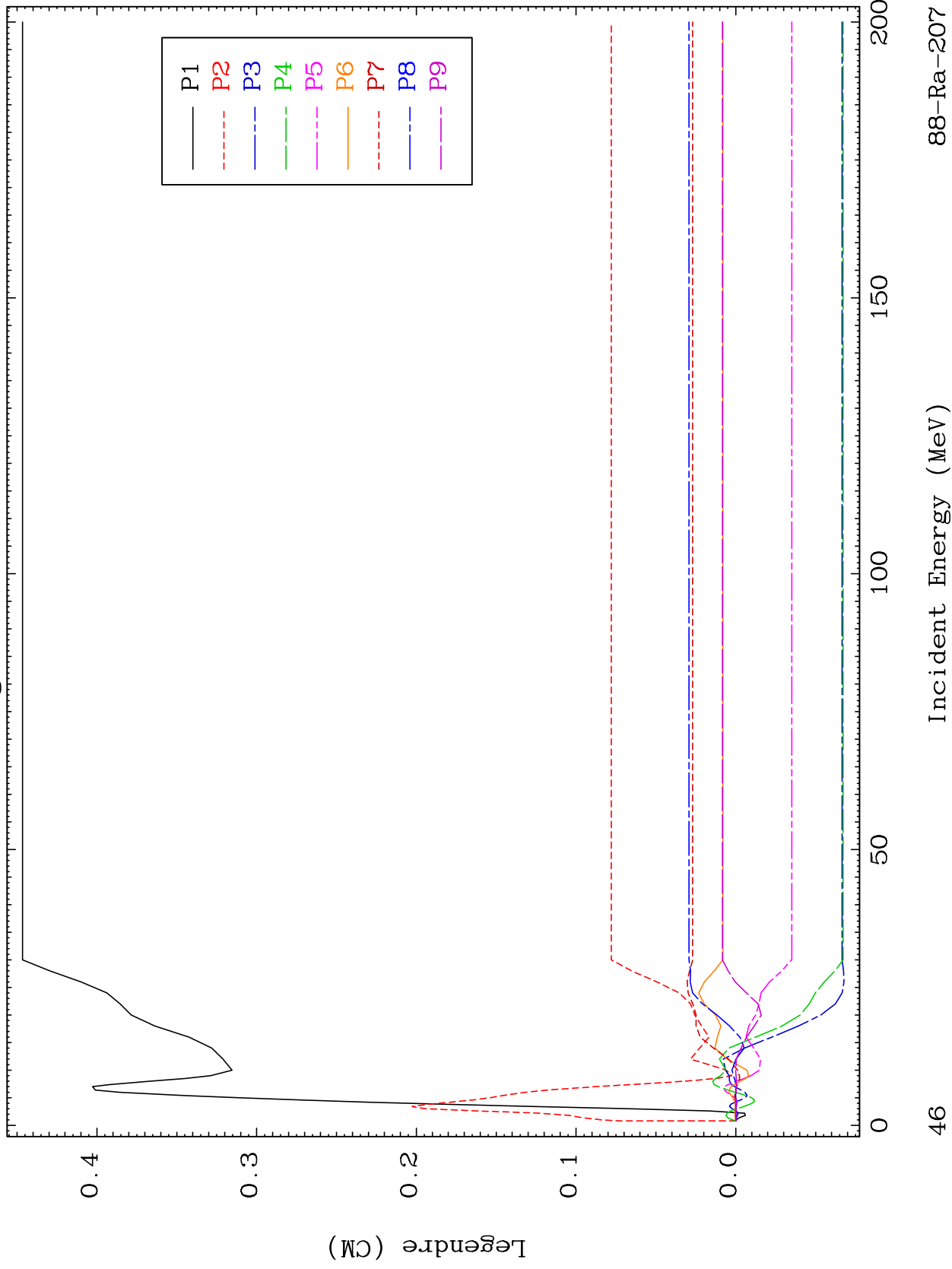
88-Ra-207



MAT 8777

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

88-Ra-207



46

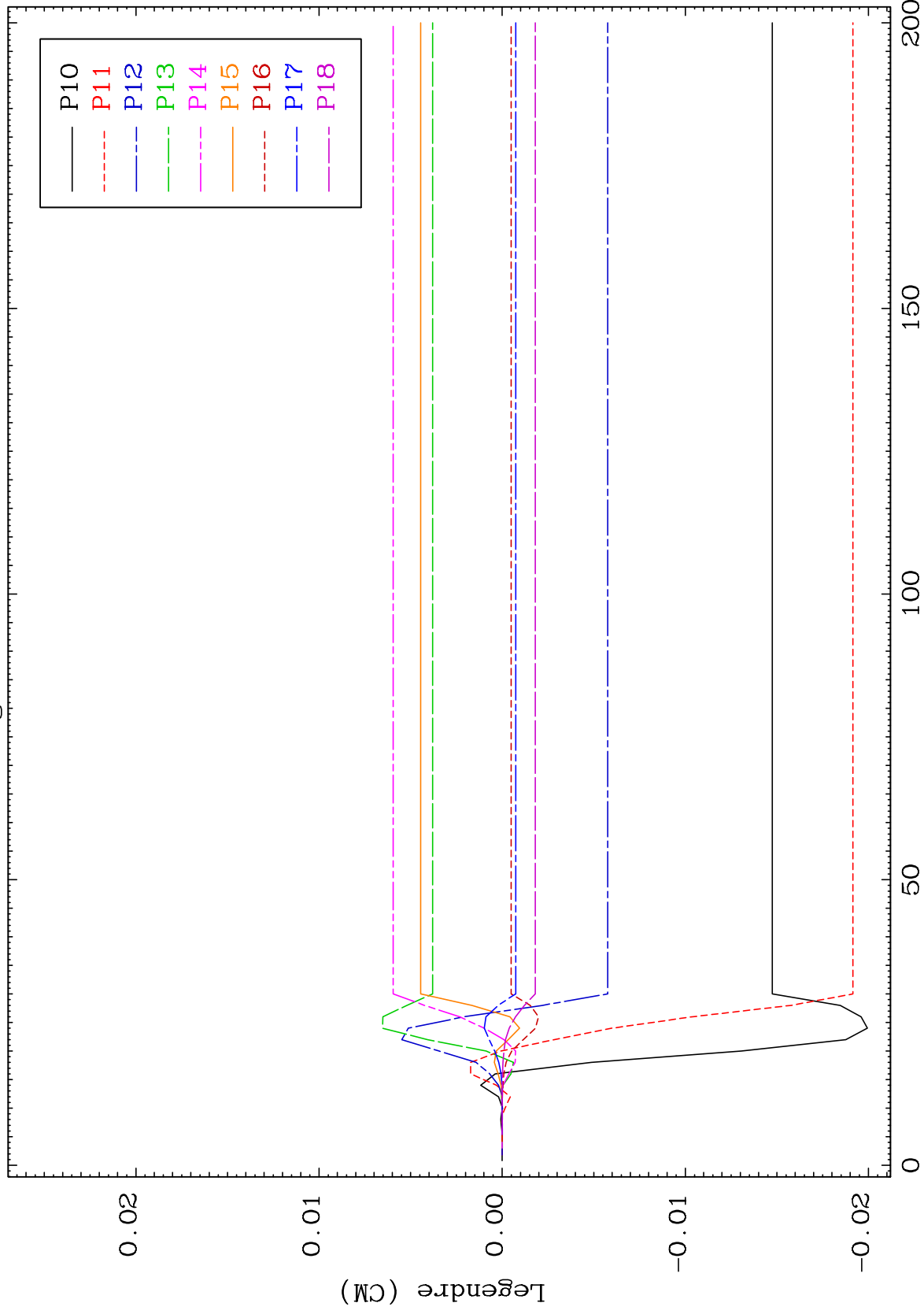
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



47

Incident Energy (MeV)

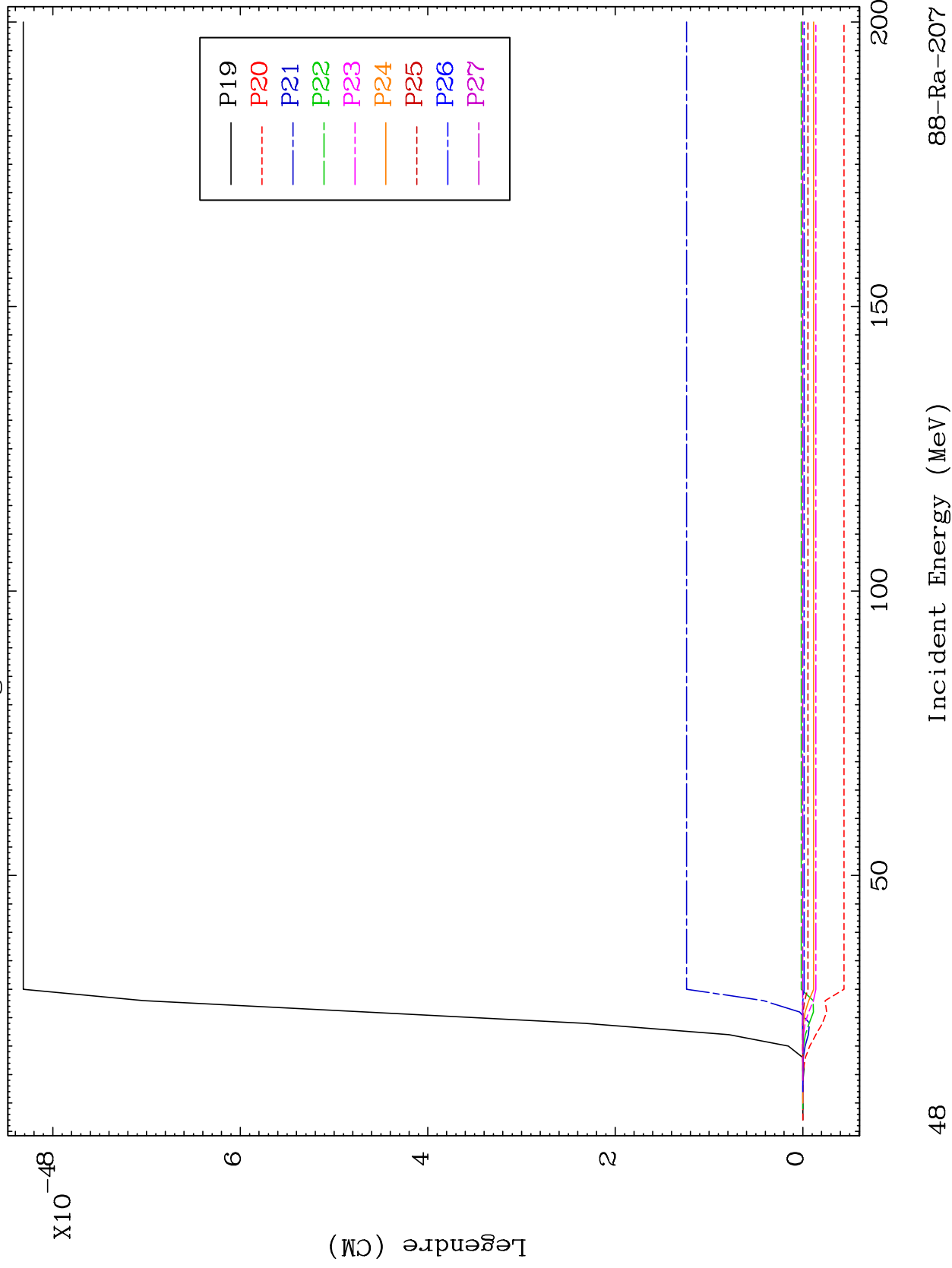
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MAT 8777

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

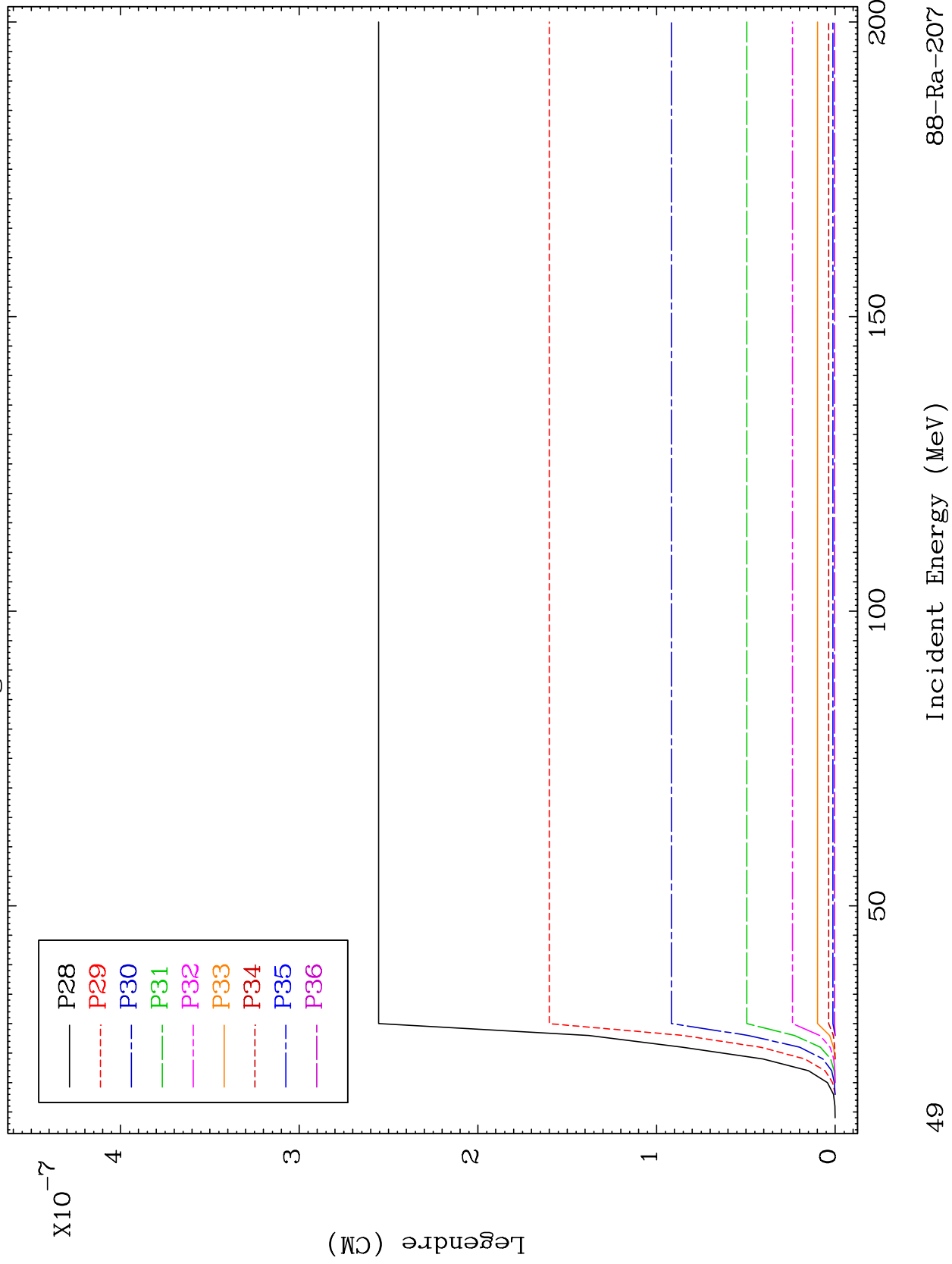
88-Ra-207



MAT 8777

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

88-Ra-207



49

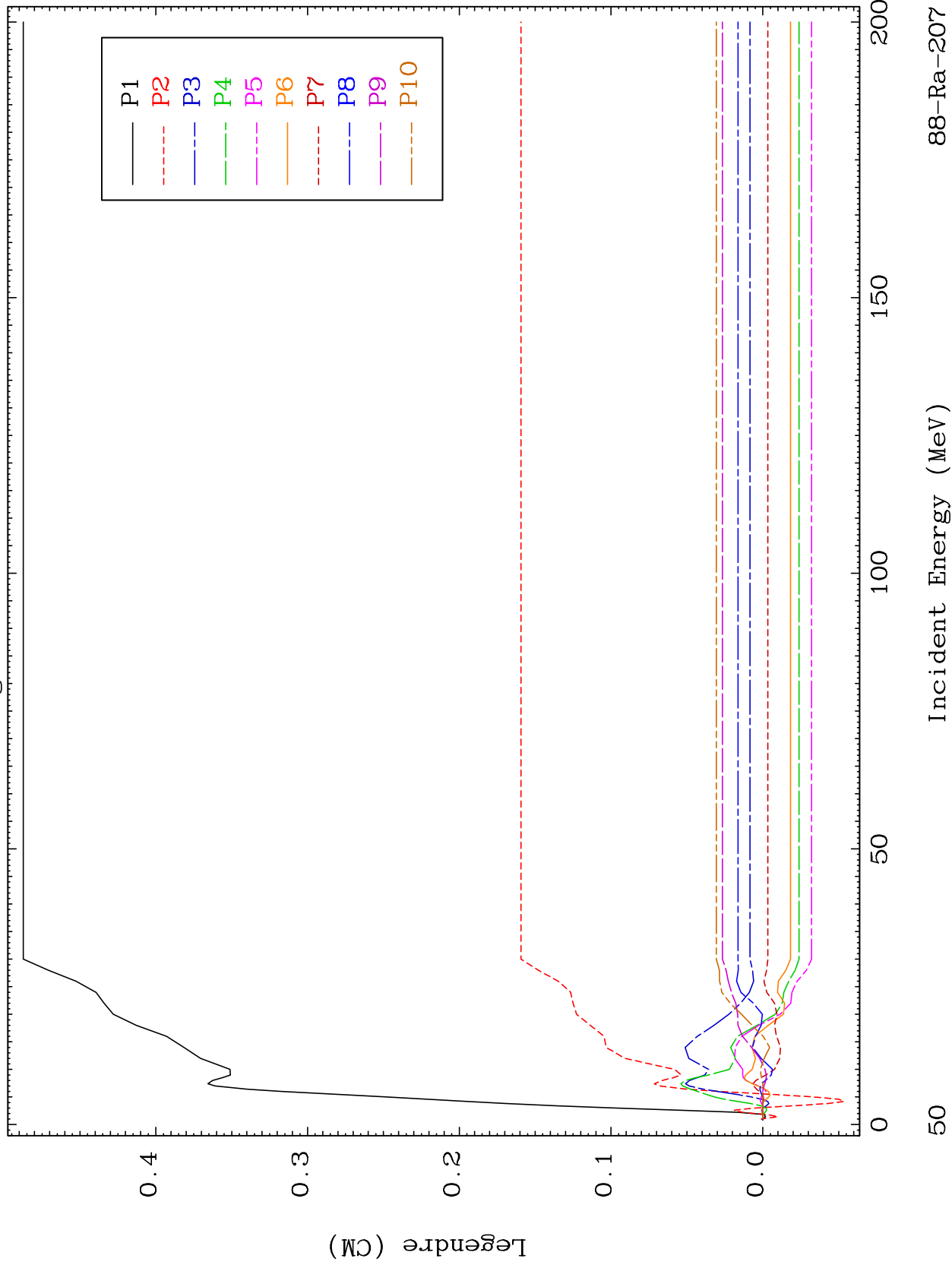
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207

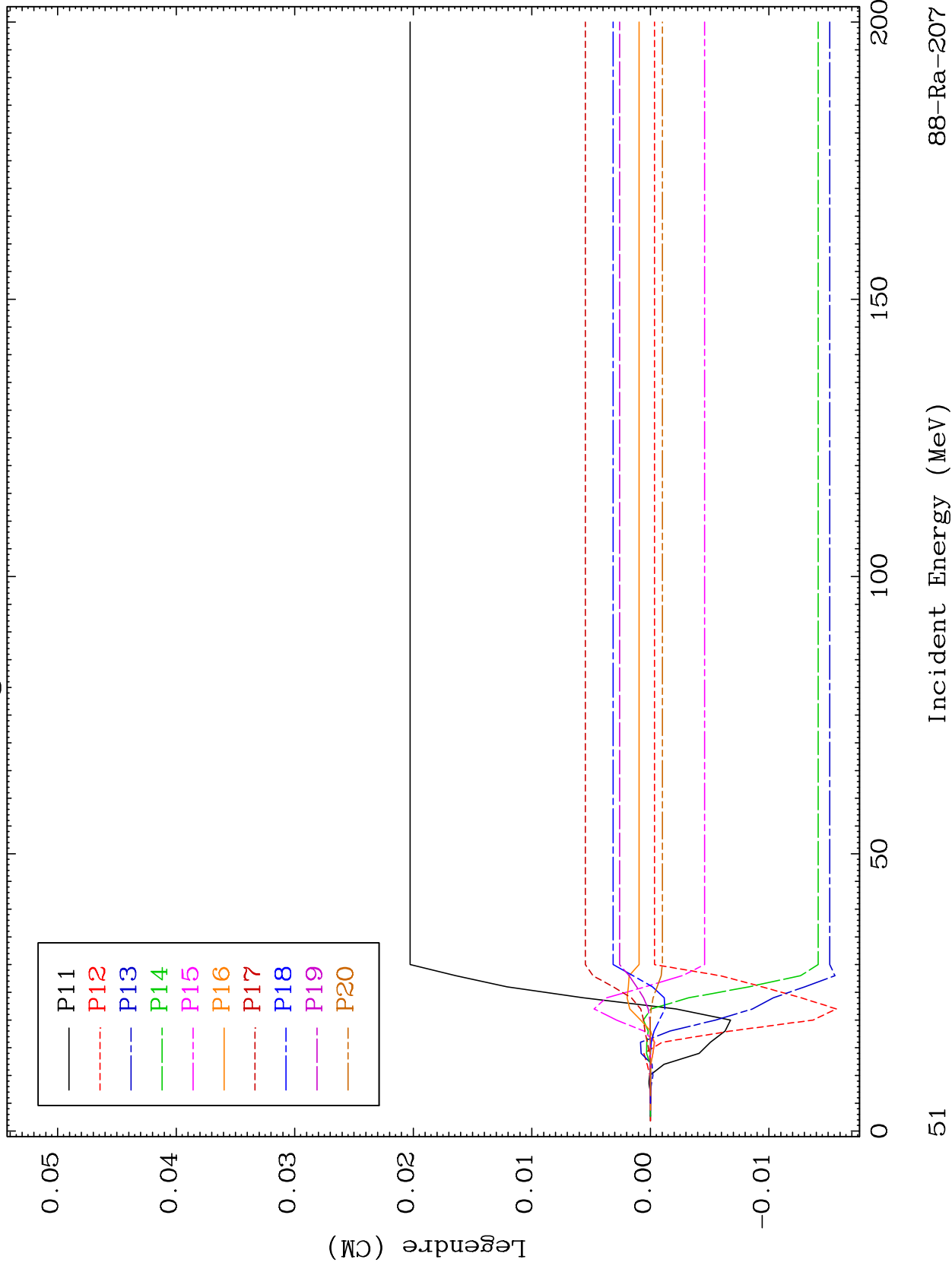


88-Ra-207

MAT 8777

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

88-Ra-207

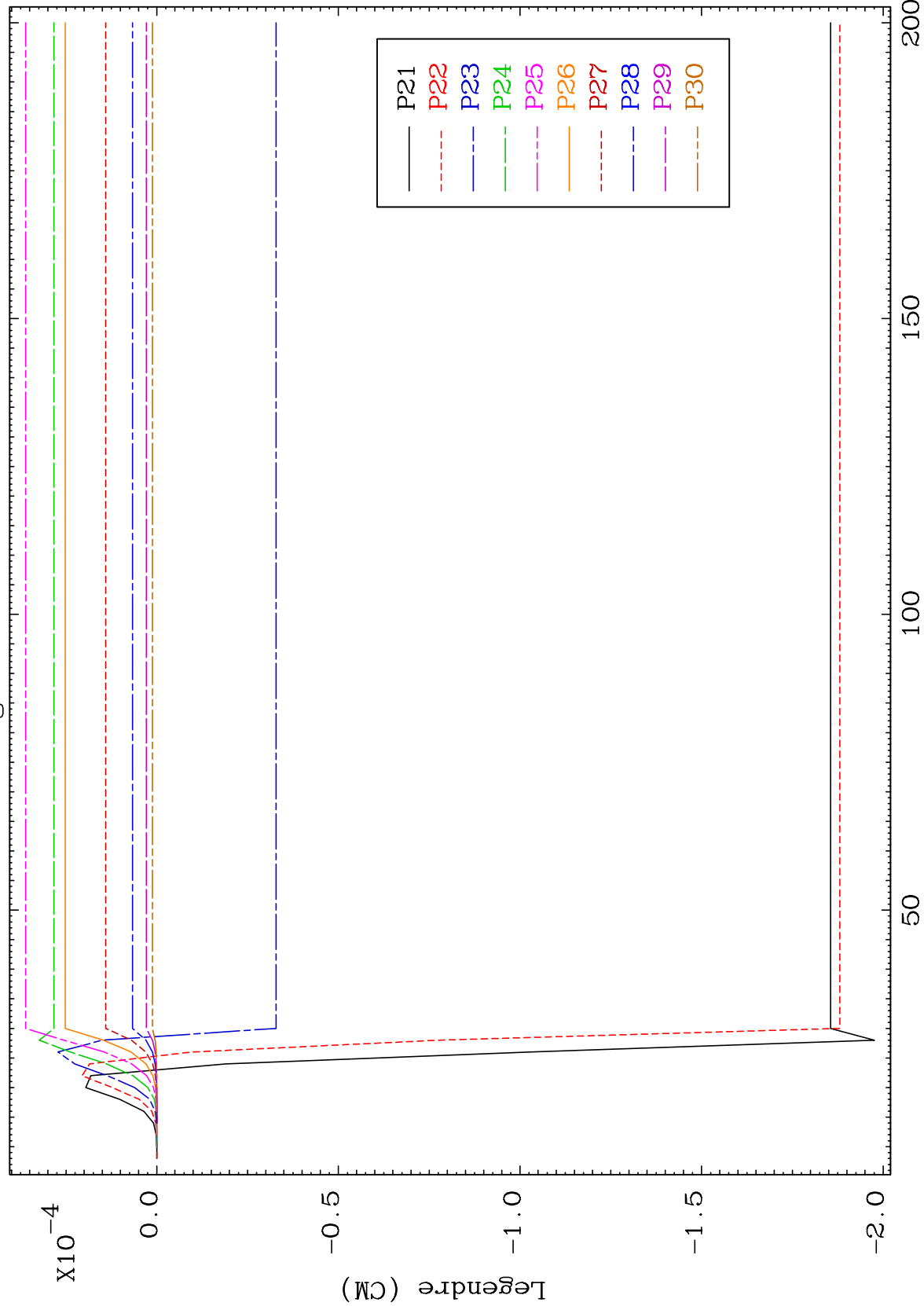


51

MAT 8777

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

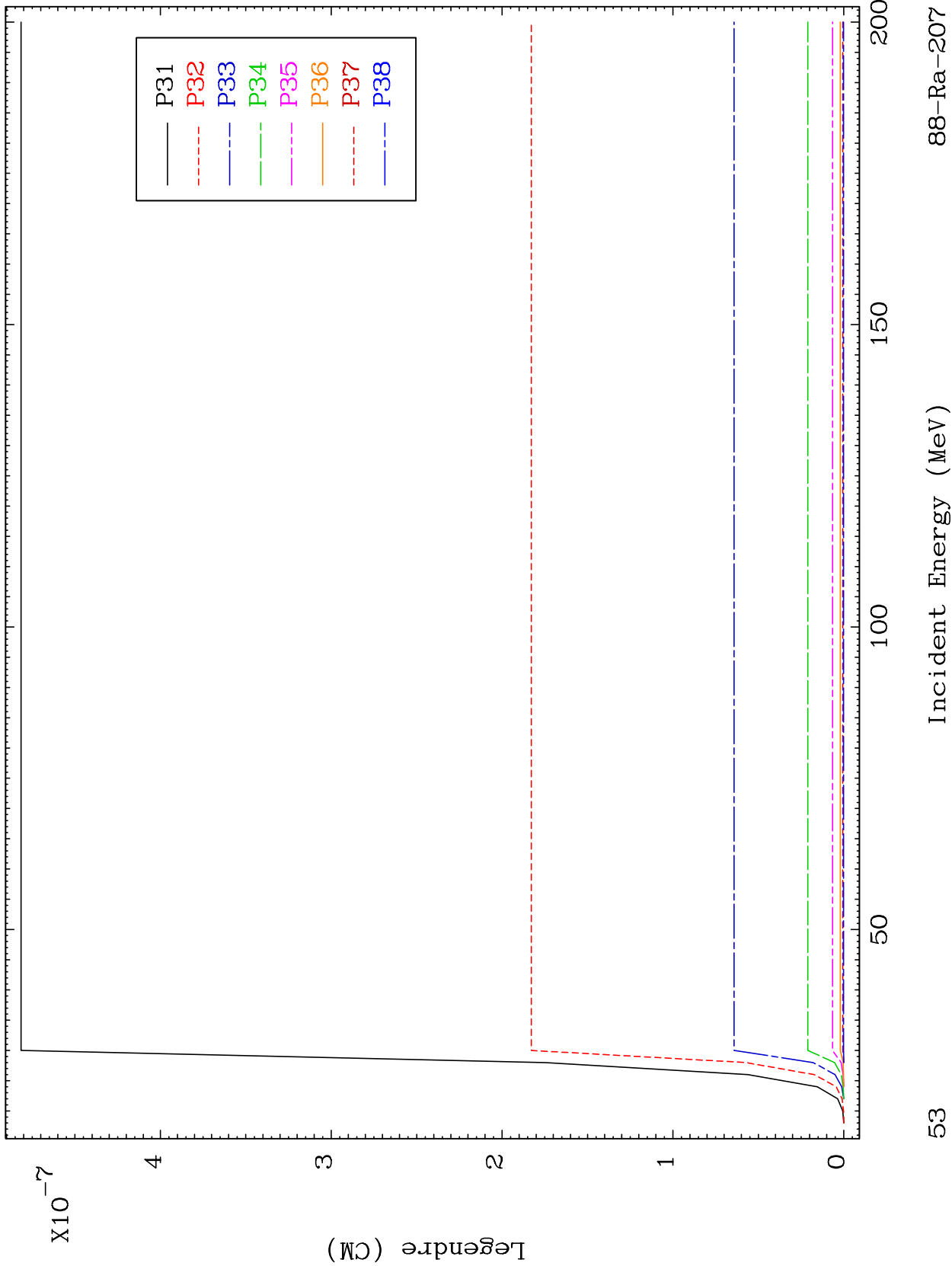
88-Ra-207



52

Incident Energy (MeV)

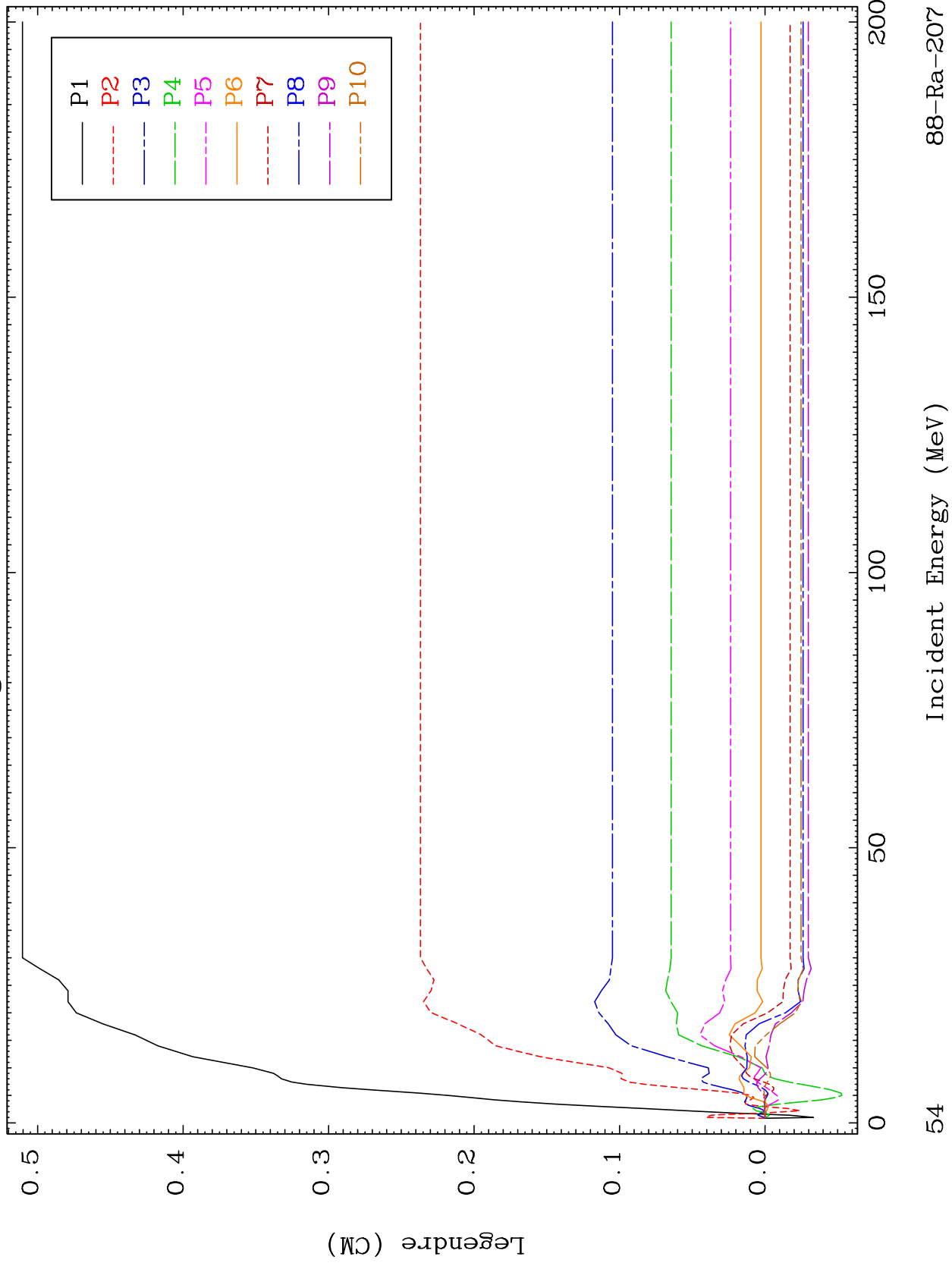
88-Ra-207



MAT 8777

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

88-Ra-207



88-Ra-207

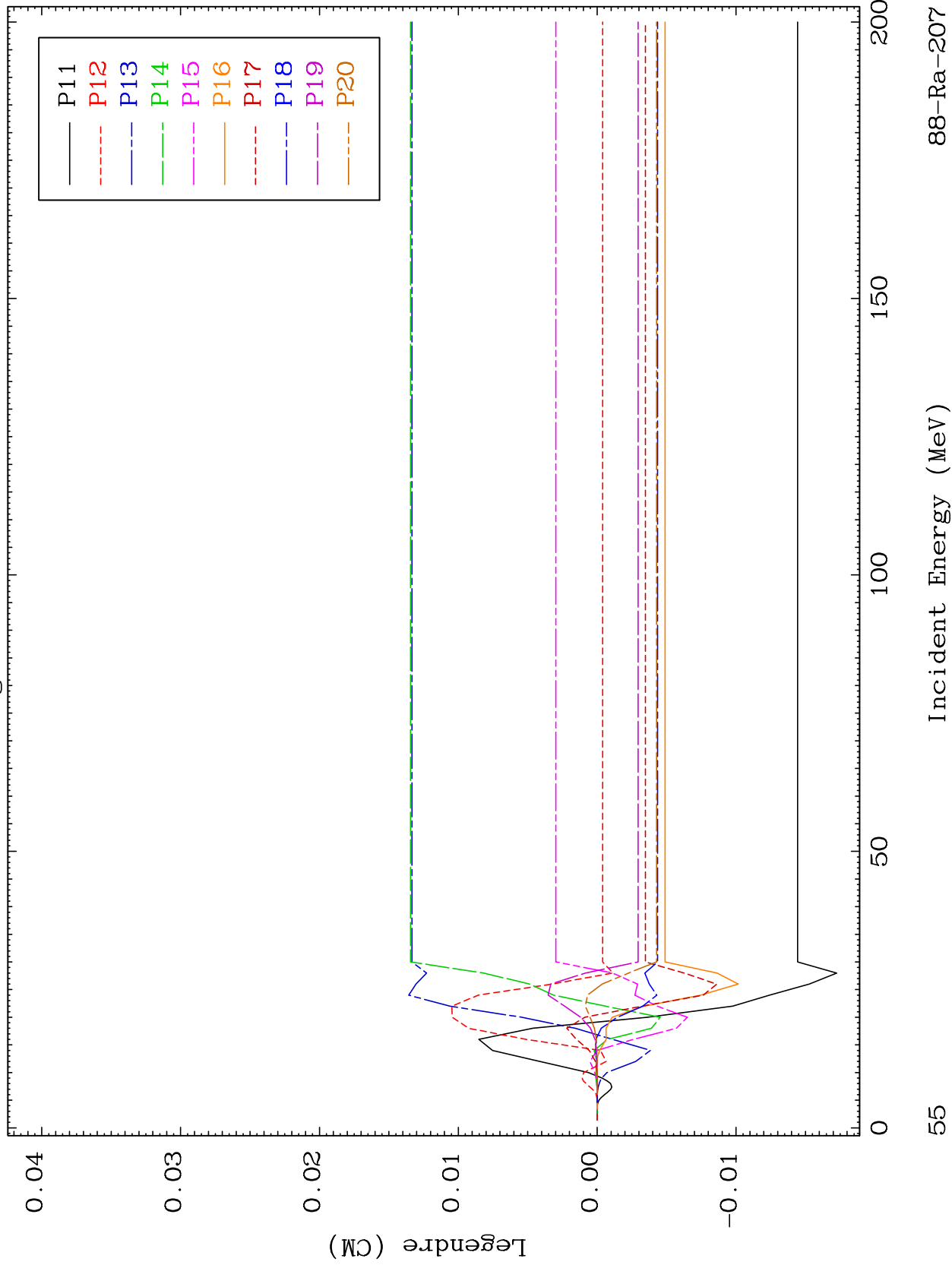
Incident Energy (MeV)

54

MAT 8777

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

88-Ra-207



88-Ra-207

Incident Energy (MeV)

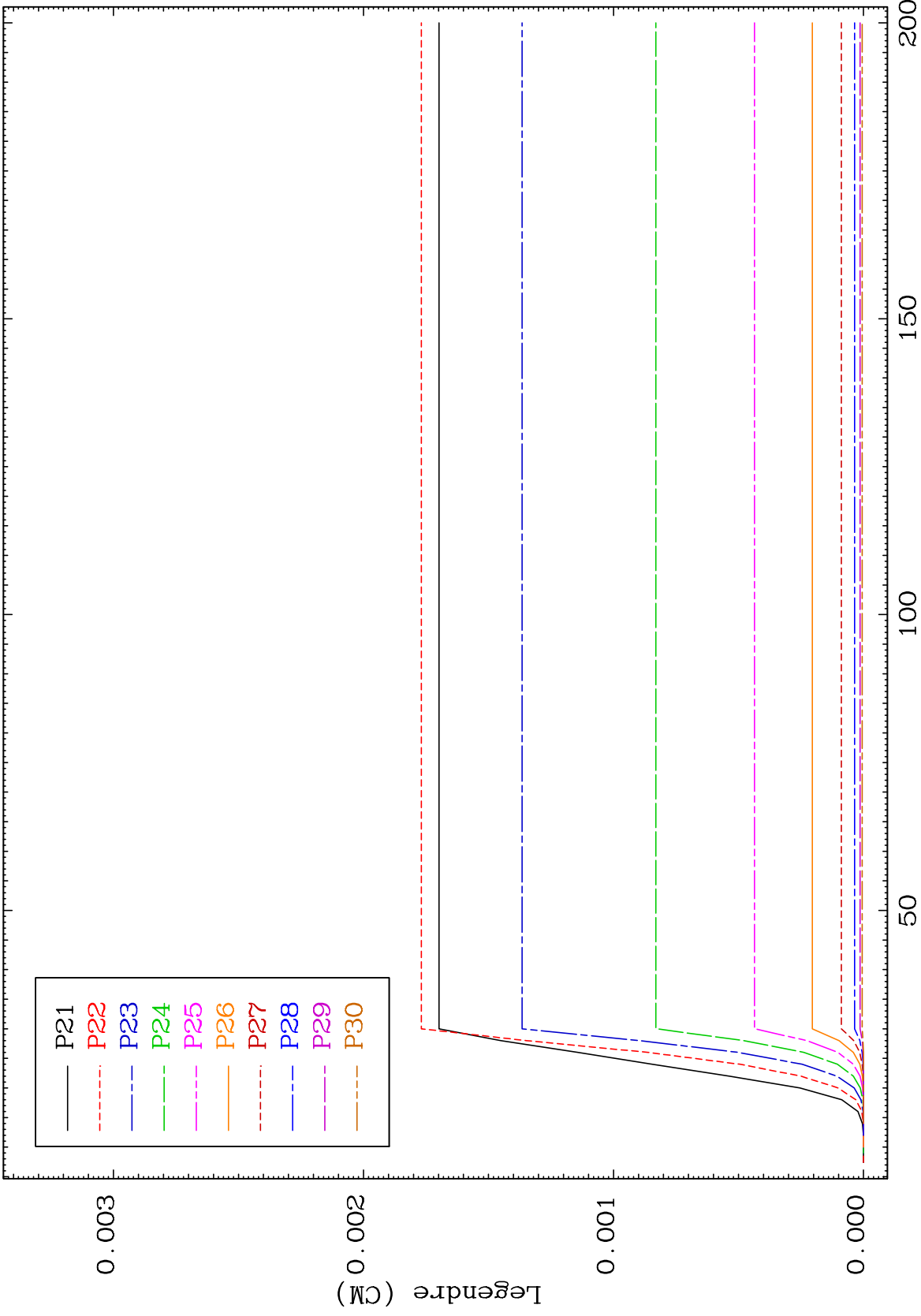
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MAT 8777

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

88-Ra-207



56

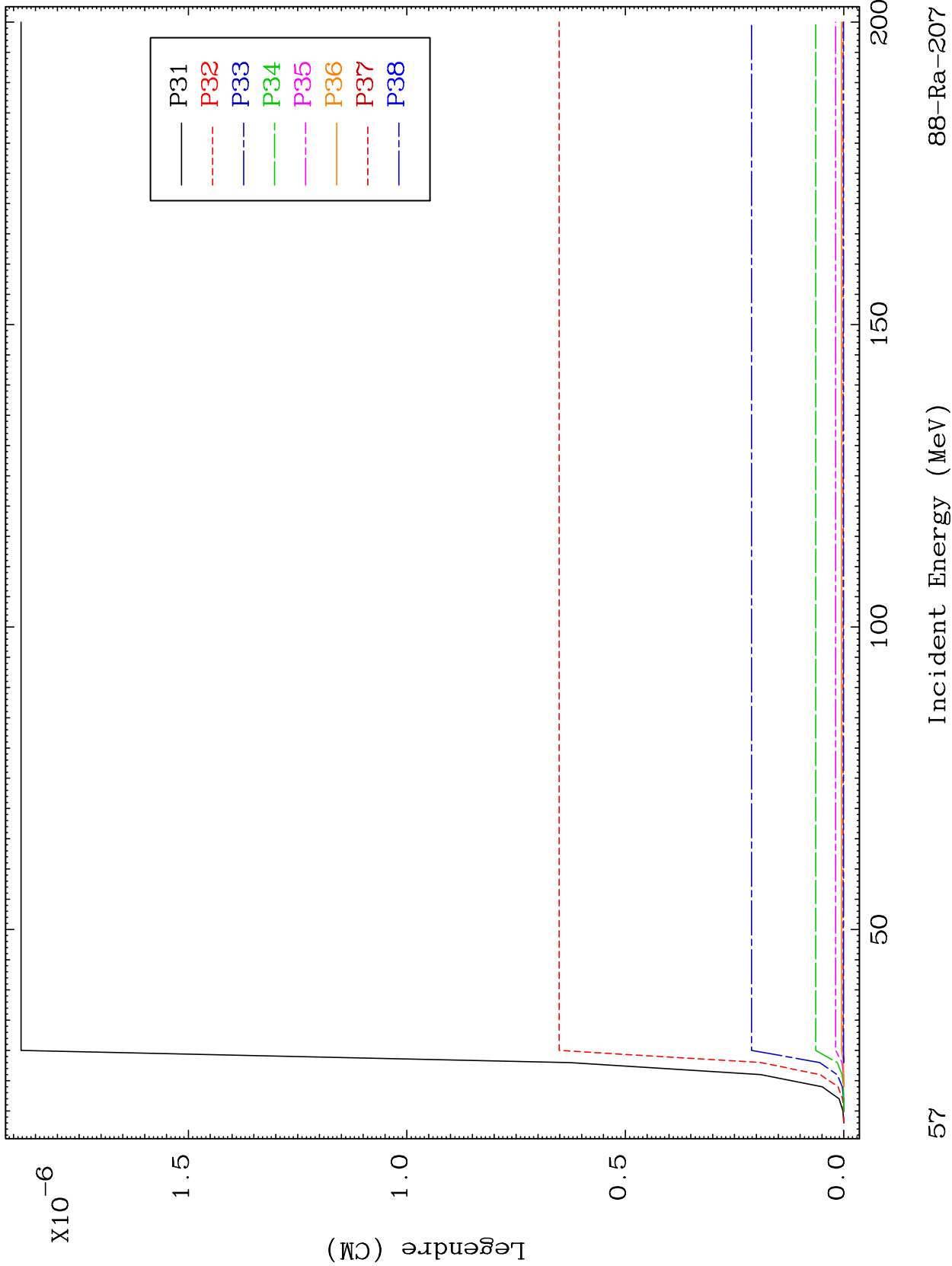
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

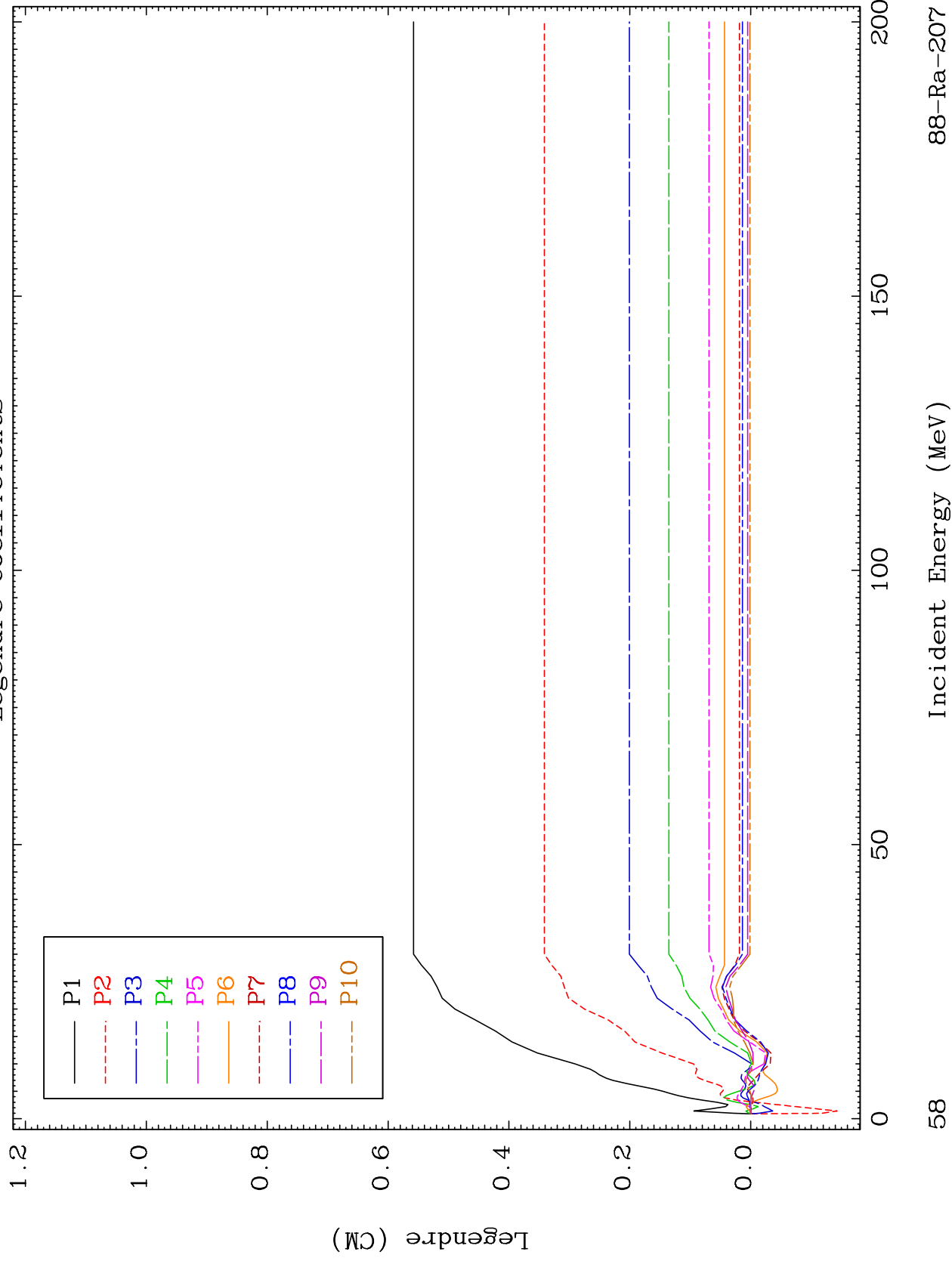
88-Ra-207



MAT 8777

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

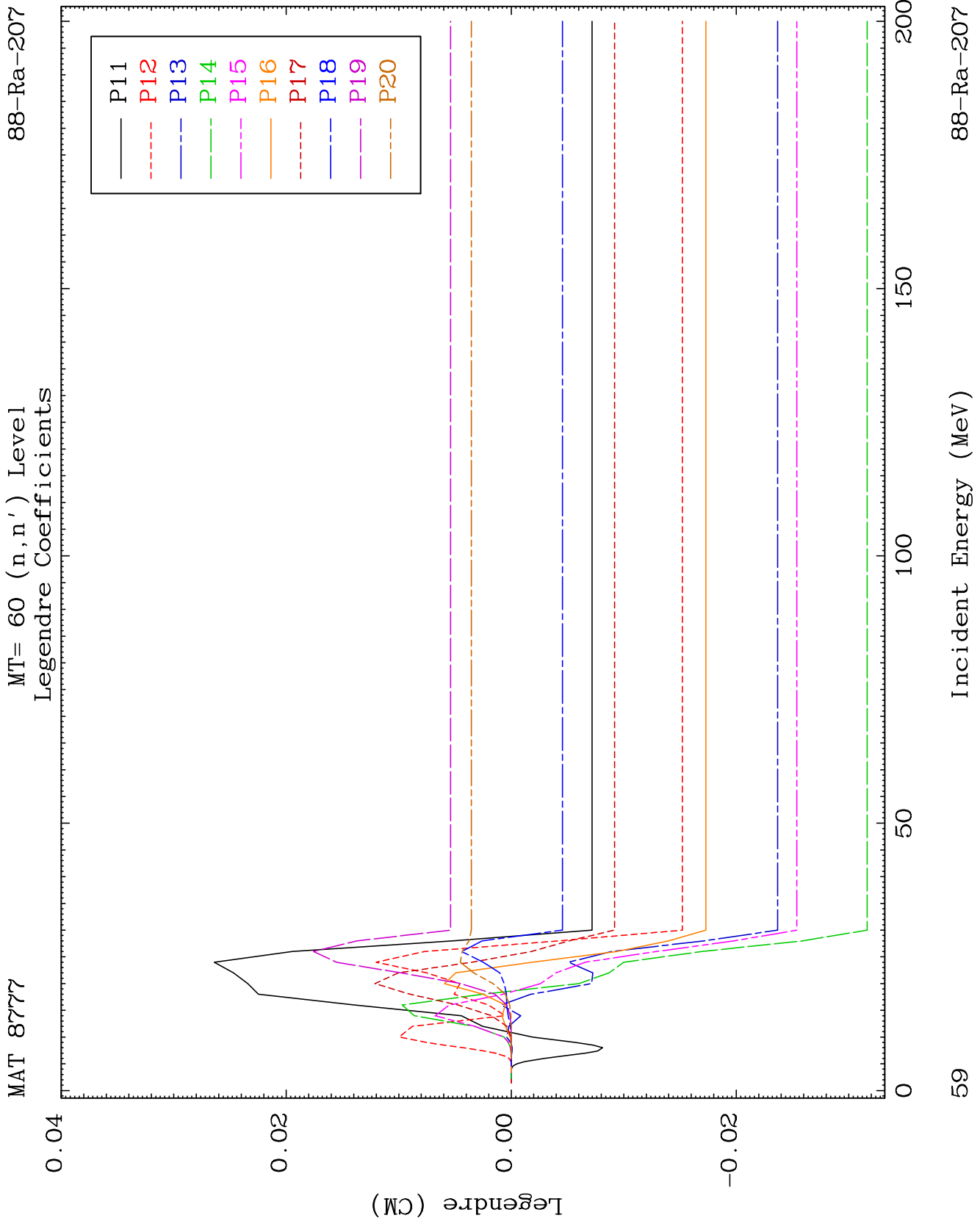
88-Ra-207



88-Ra-207

Incident Energy (MeV)

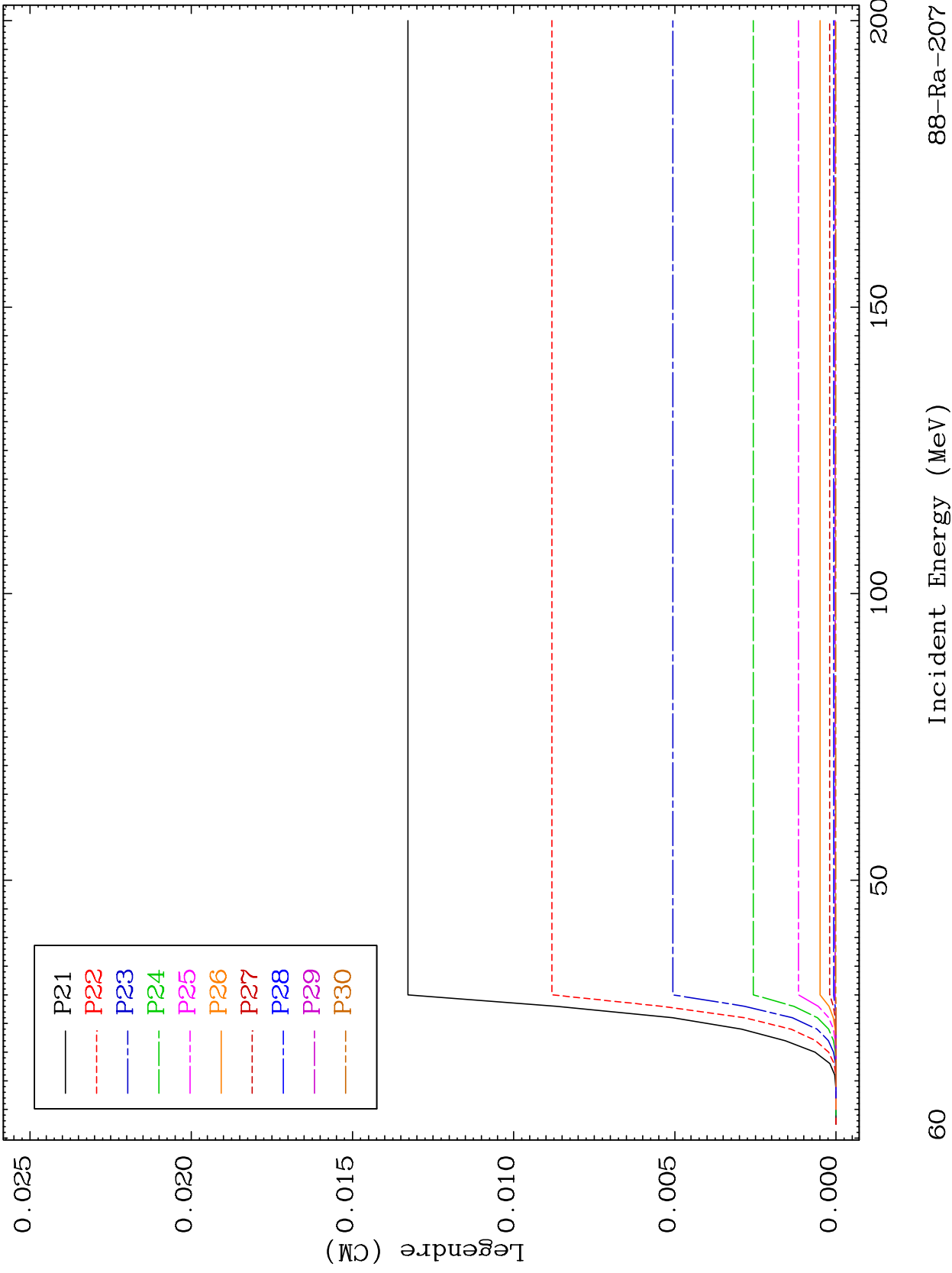
58



MAT 8777

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

88-Ra-207



88-Ra-207

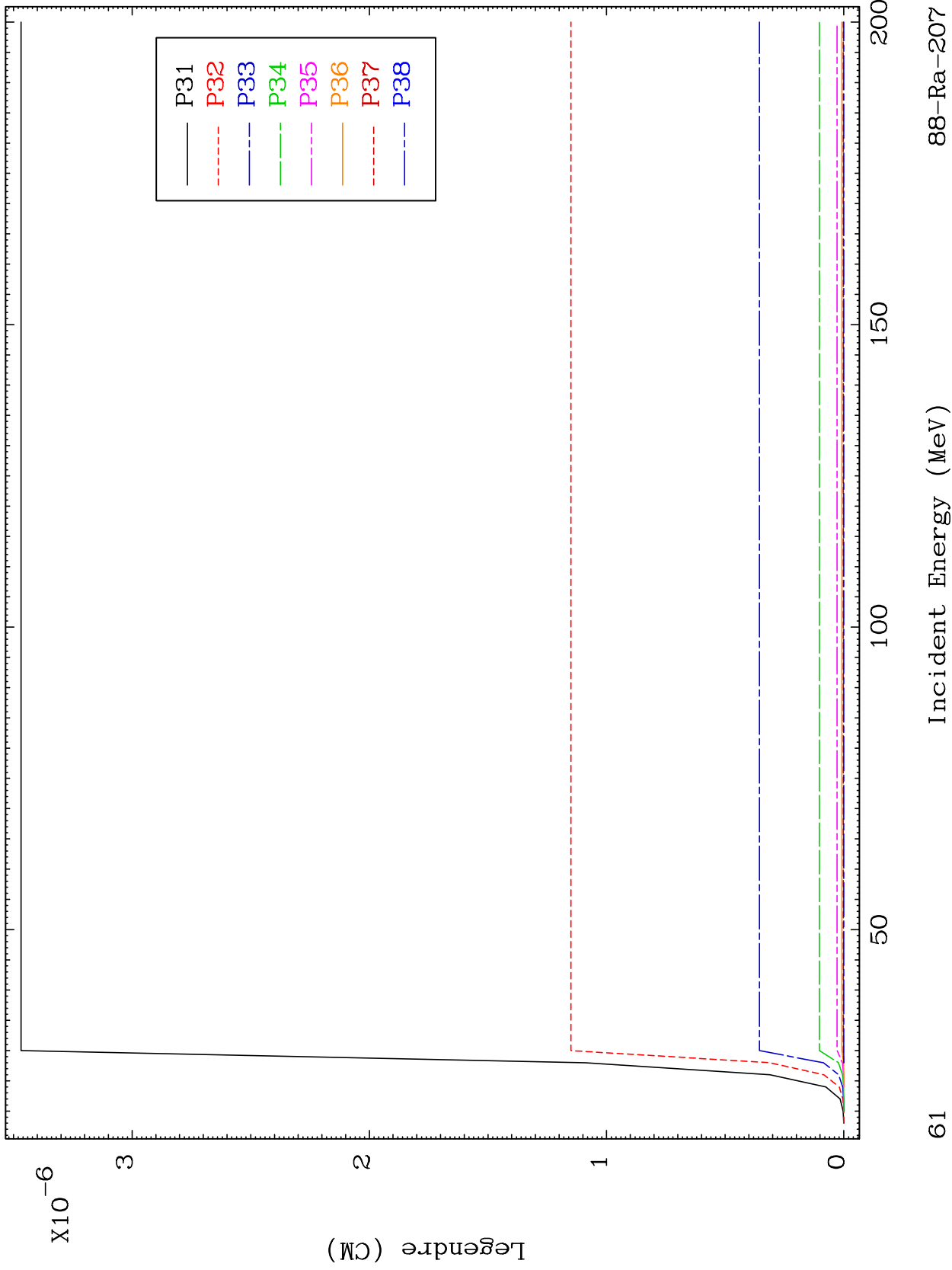
Incident Energy (MeV)

60

MAT 8777

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

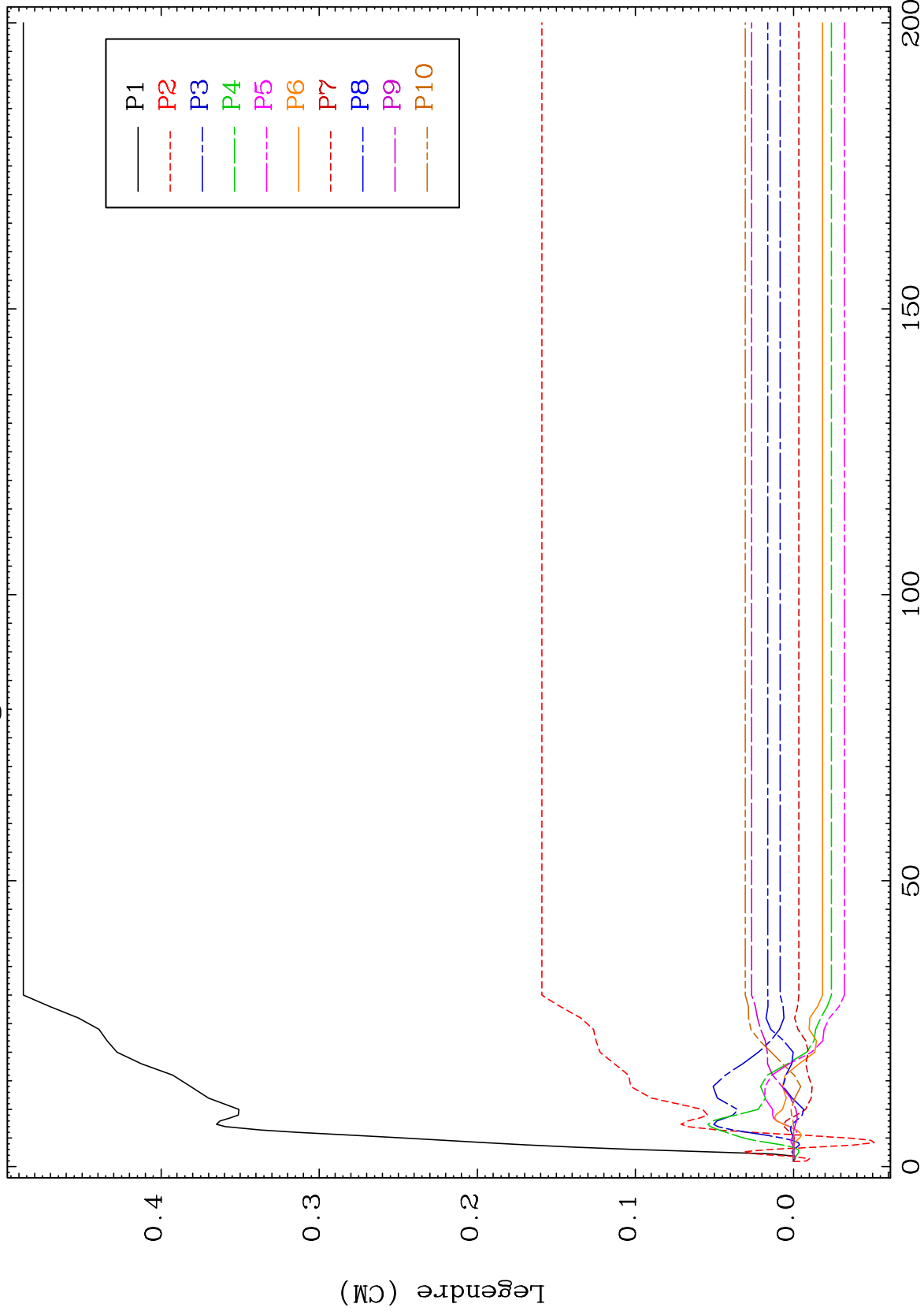
88-Ra-207



MAT 8777

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

88-Ra-207



62

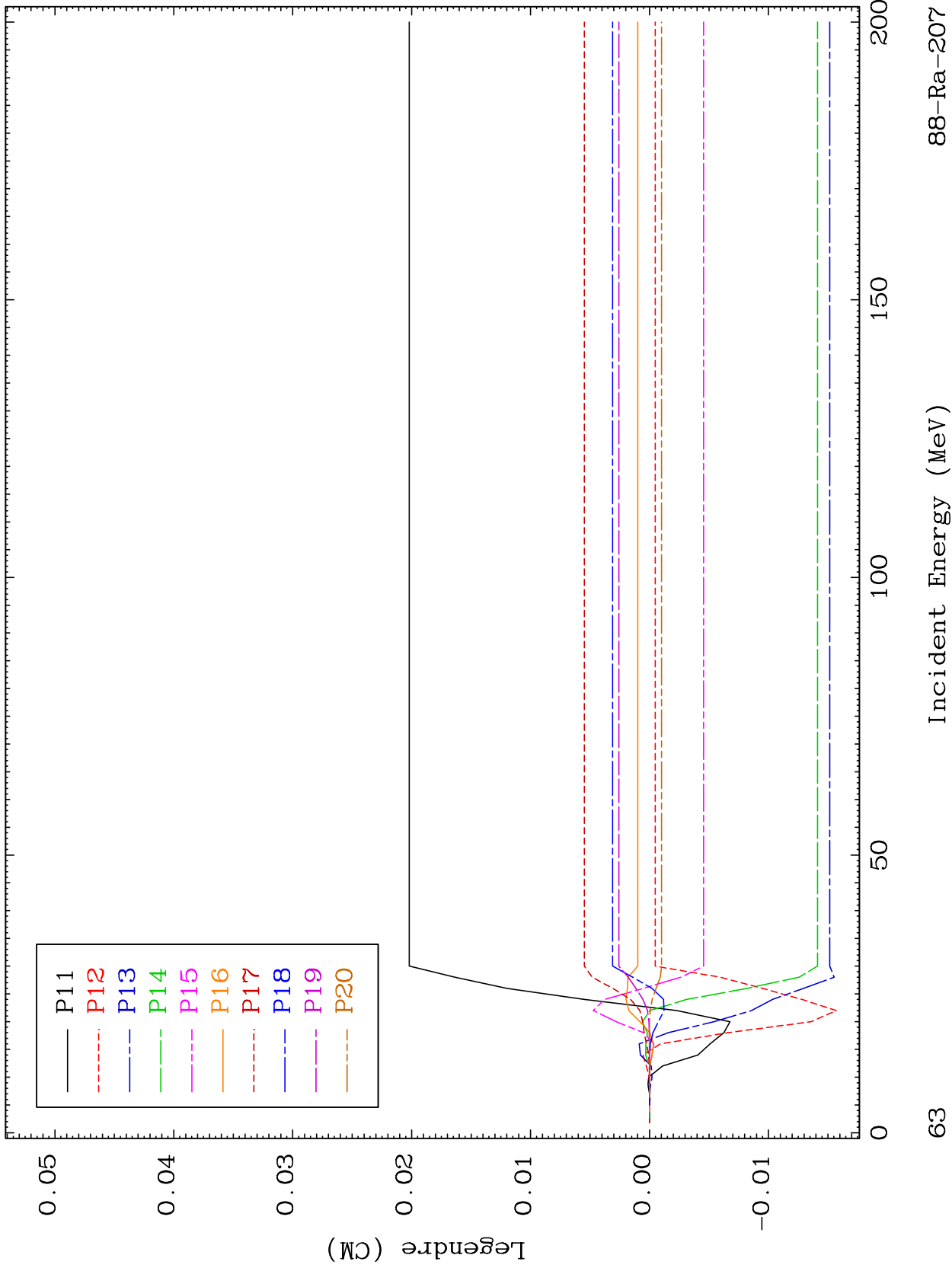
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207

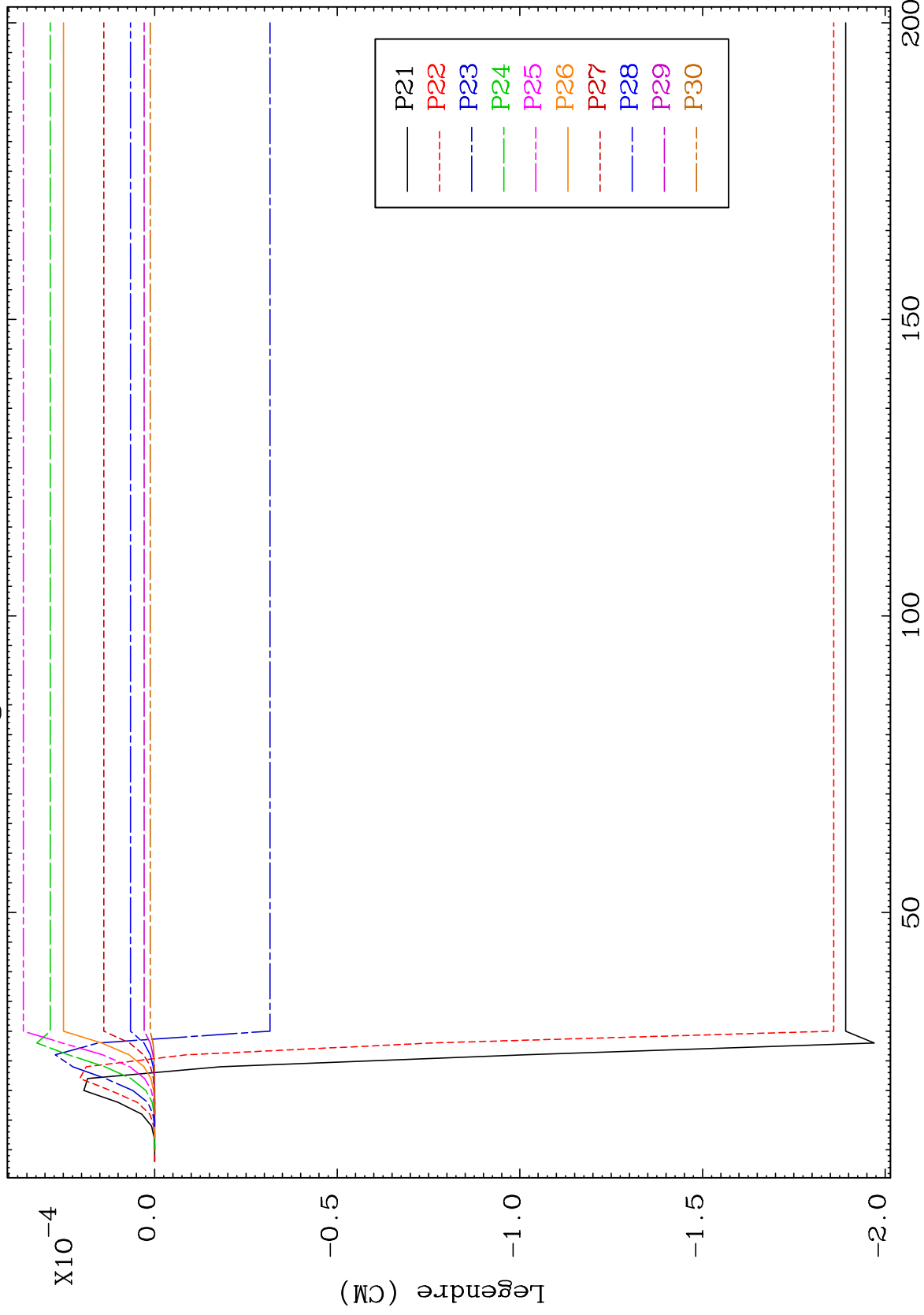




MAT 8777

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

88-Ra-207



64

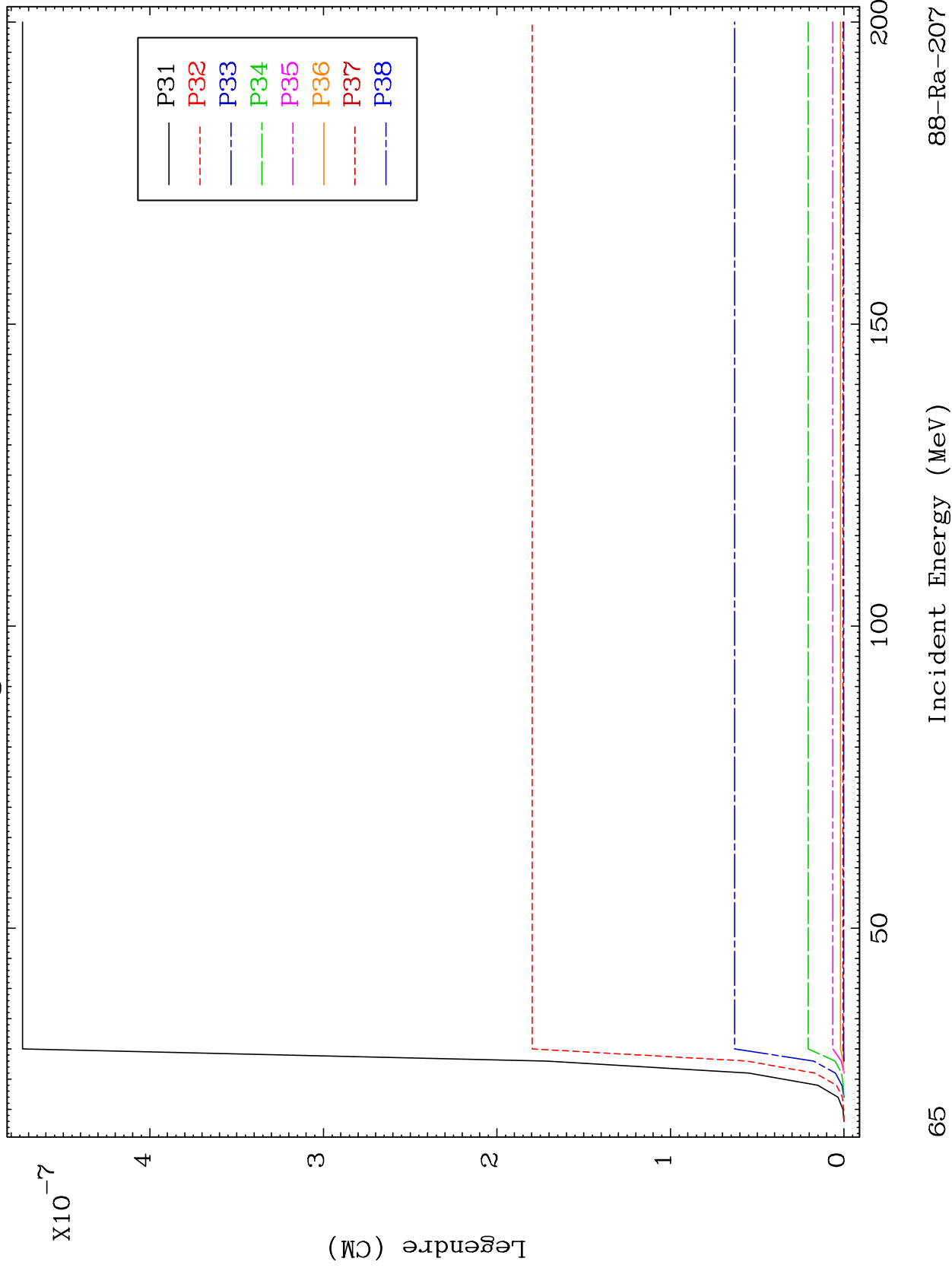
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



65

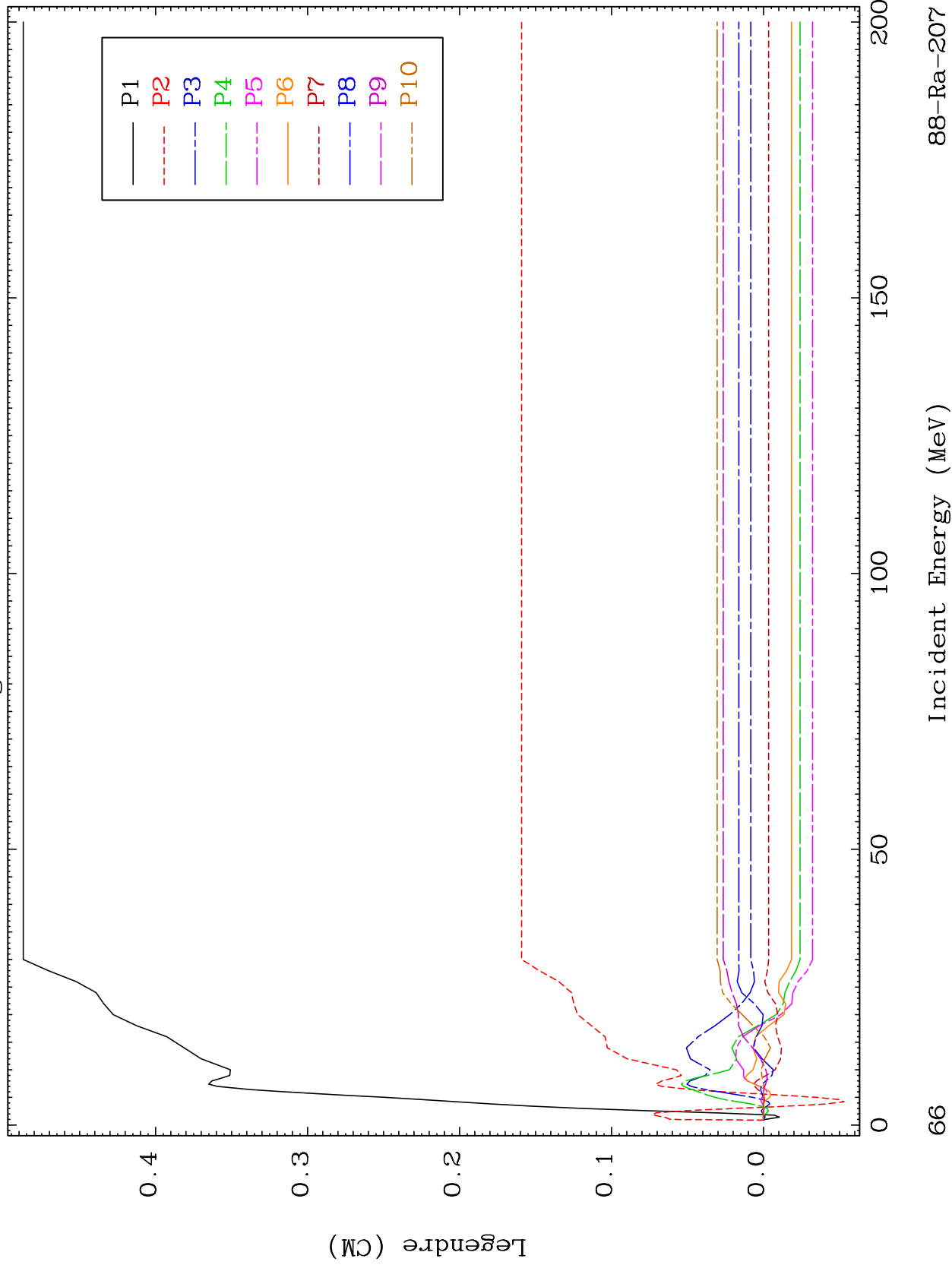
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

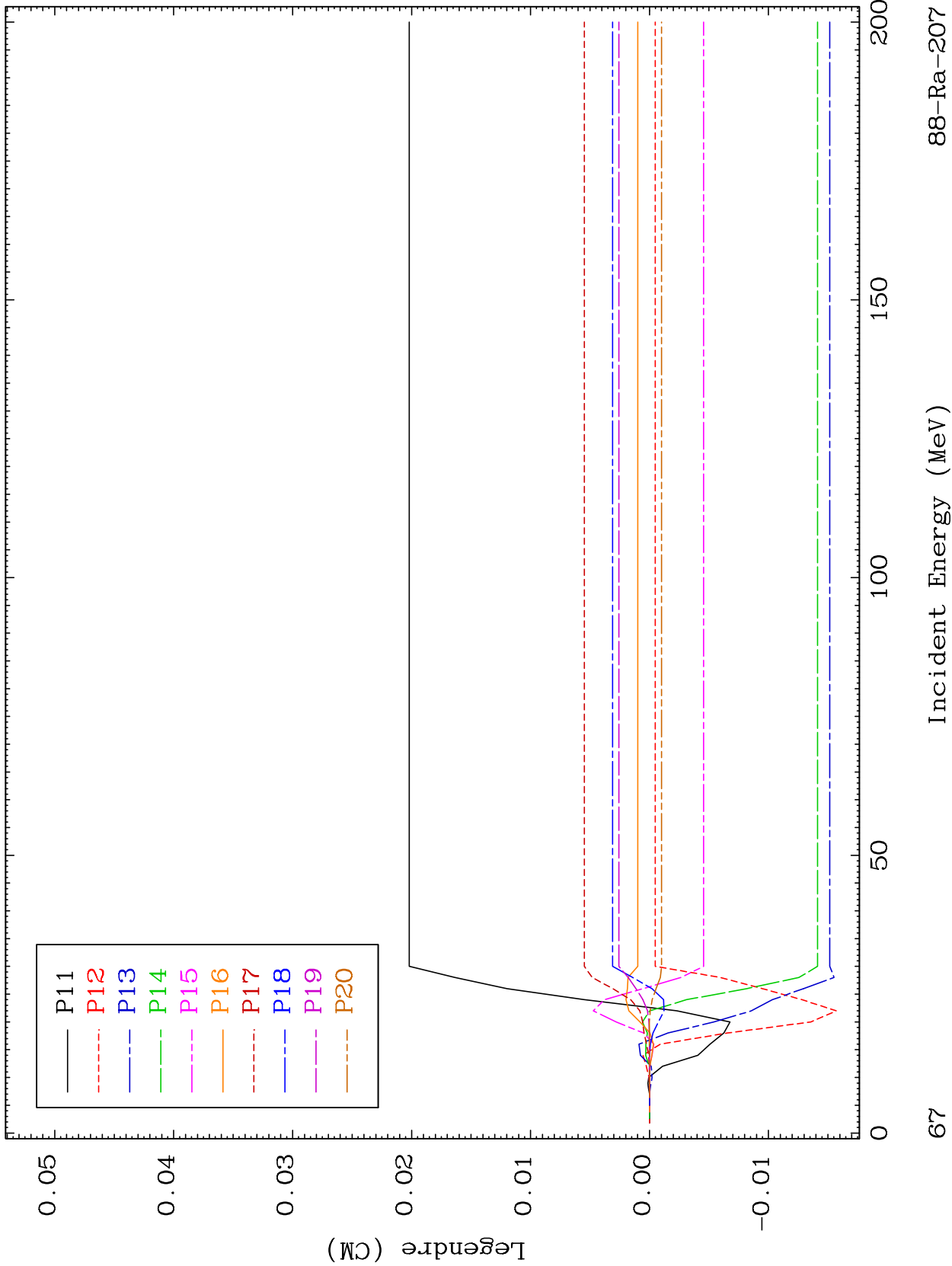
Incident Energy (MeV)

66

MAT 8777

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

88-Ra-207



88-Ra-207

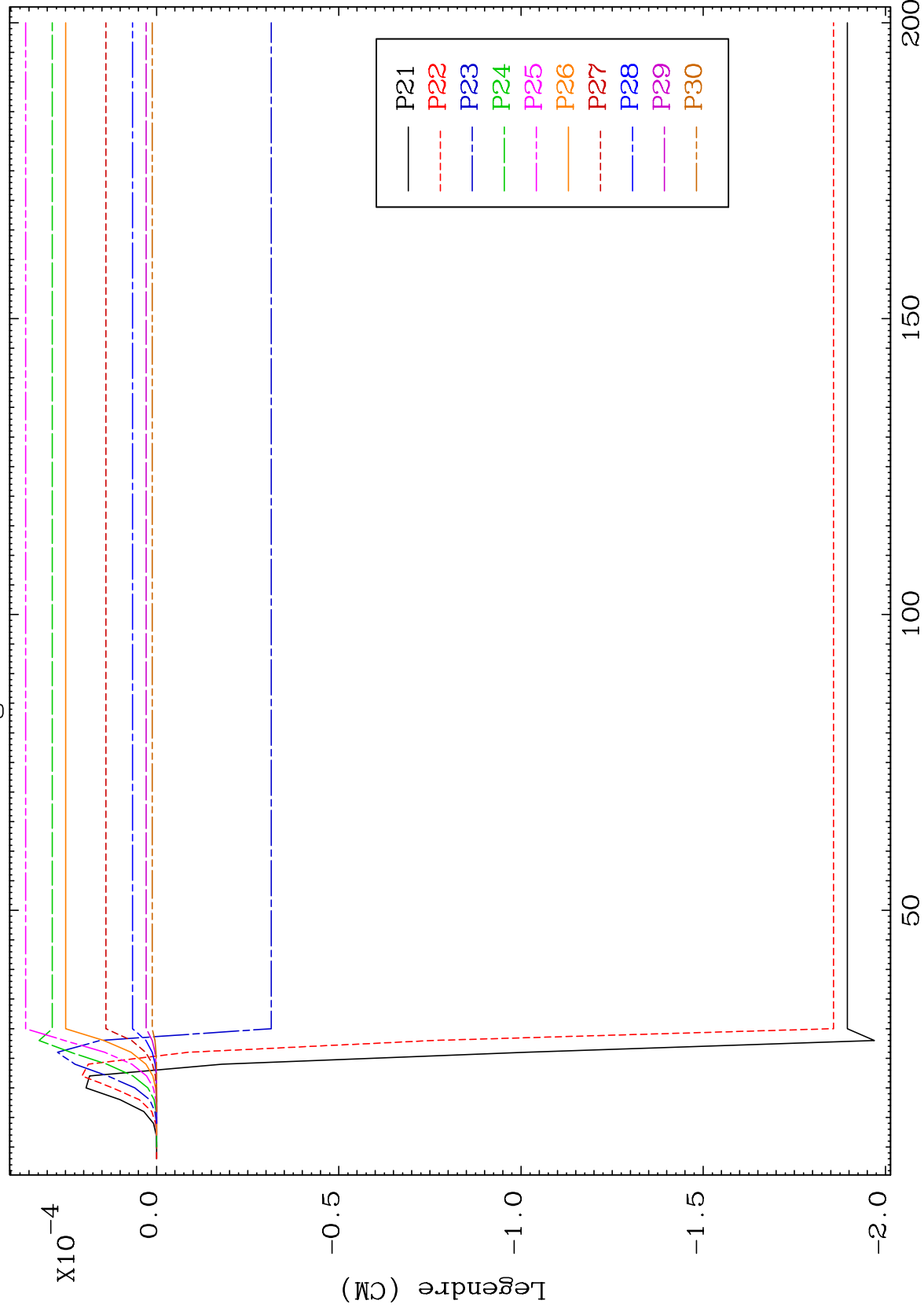
Incident Energy (MeV)

67

MAT 8777

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

88-Ra-207



68

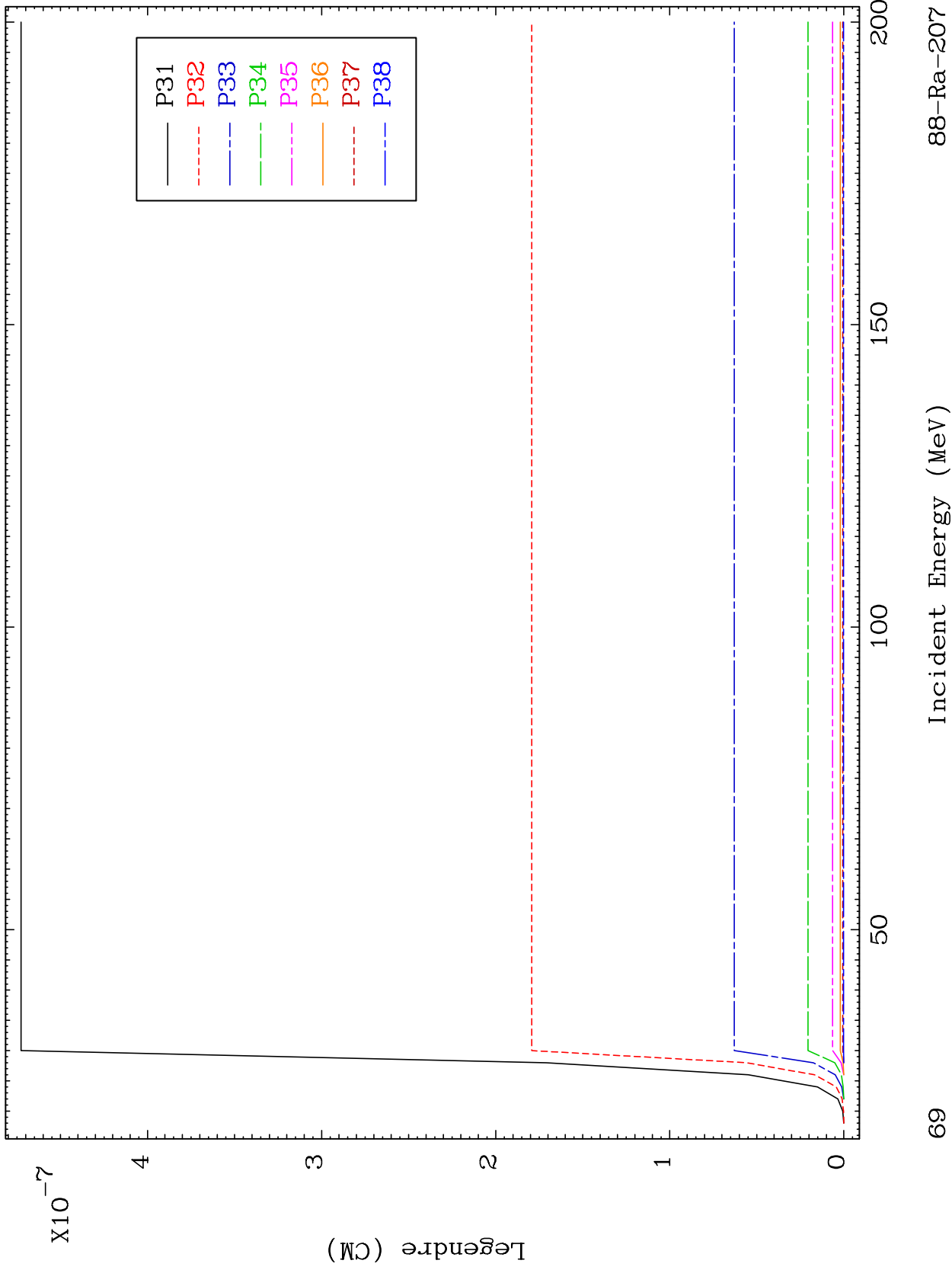
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207

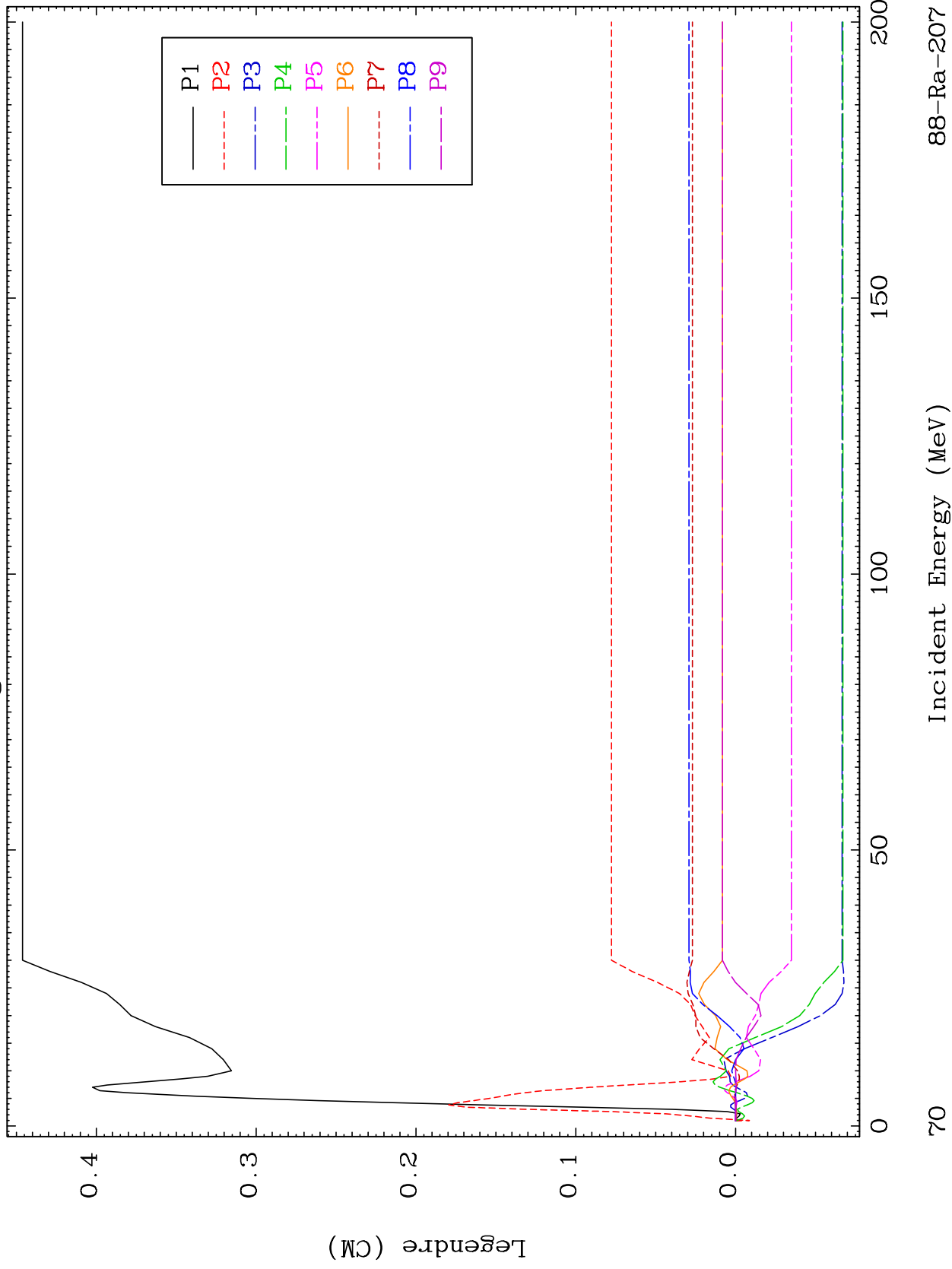


69

MAT 8777

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

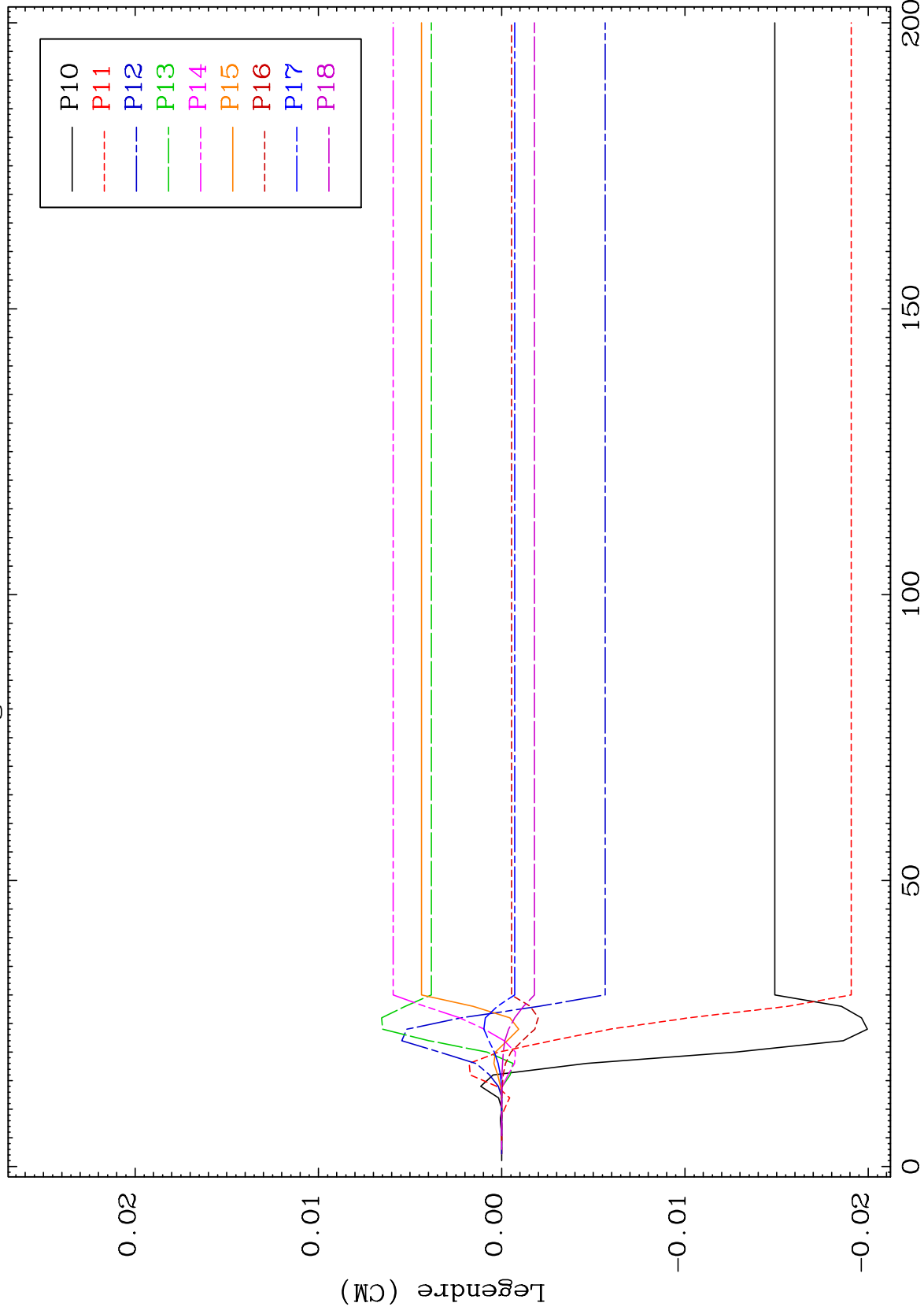
88-Ra-207



MAT 8777

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

88-Ra-207



71

Incident Energy (MeV)

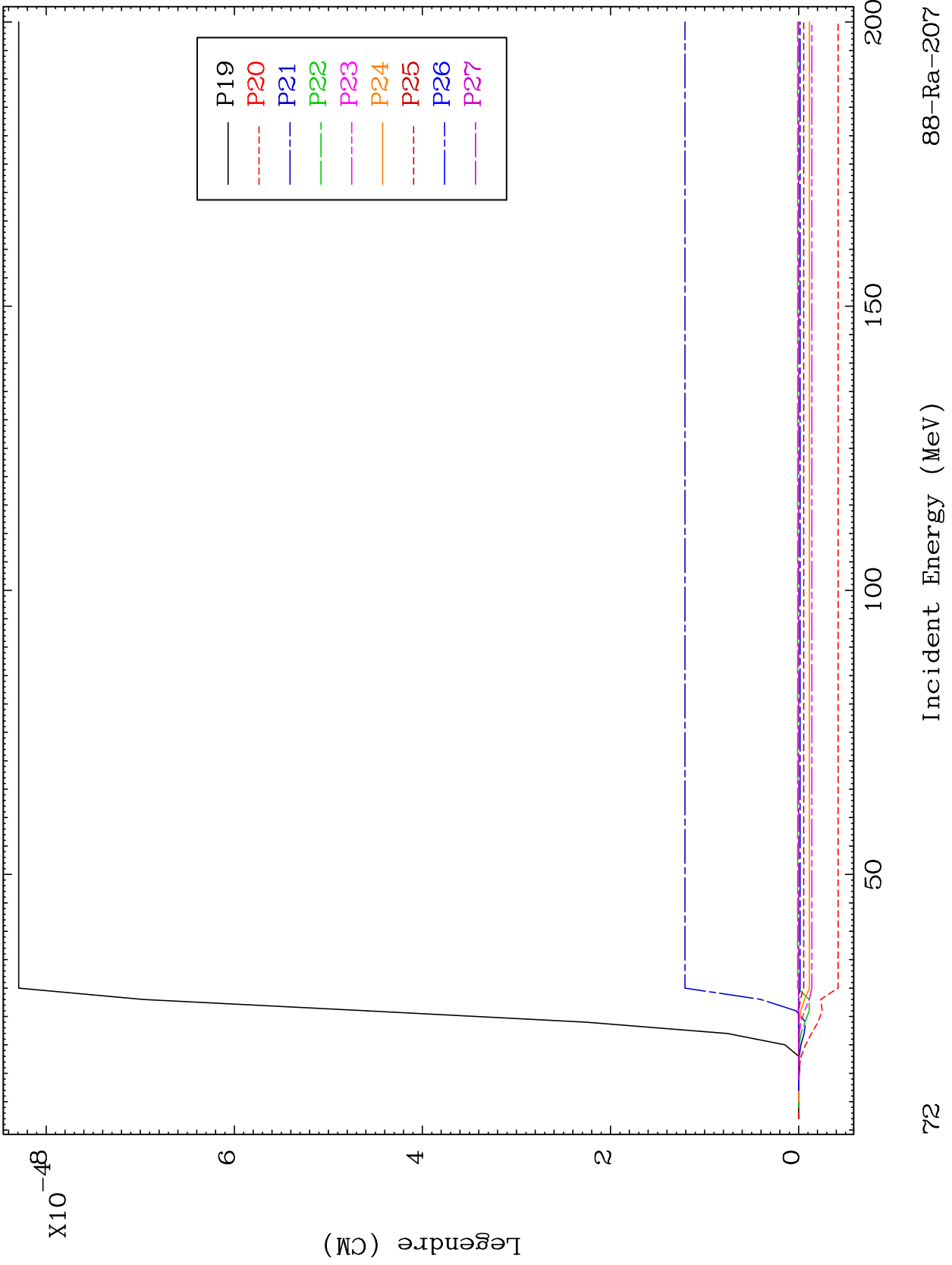
88-Ra-207



MAT 87777

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

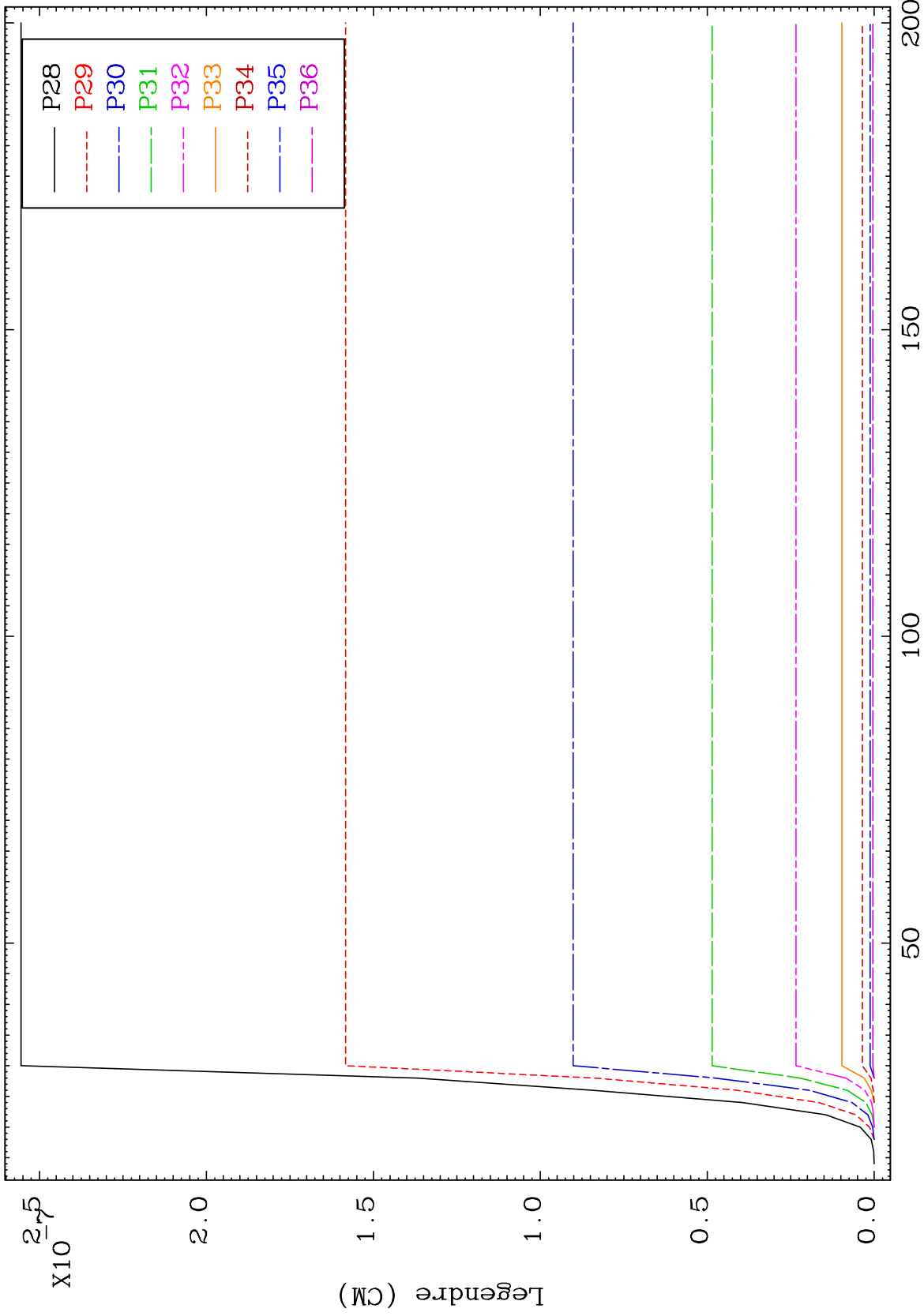
88-Ra-207



MAT 8777

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

88-Ra-207



73

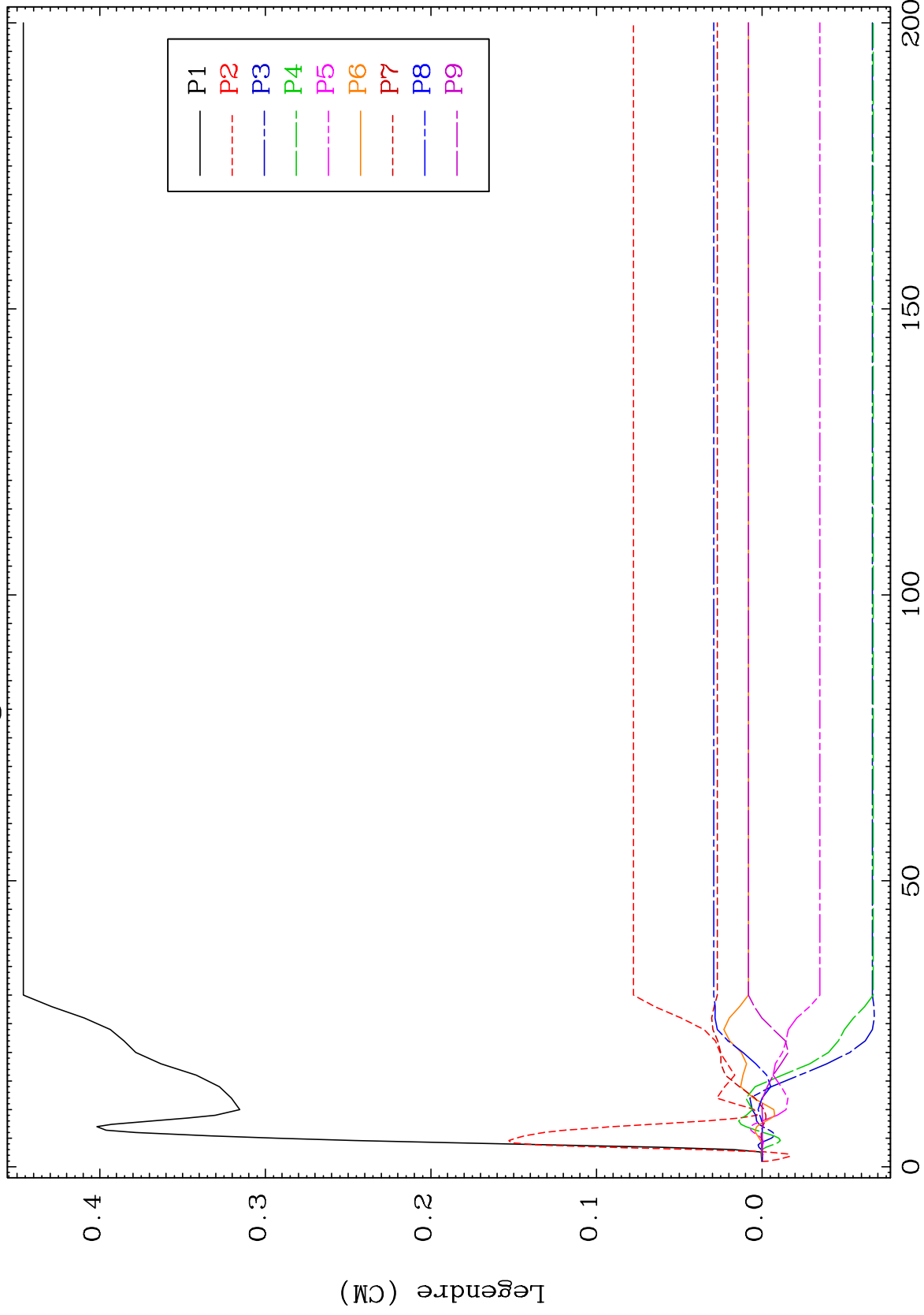
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



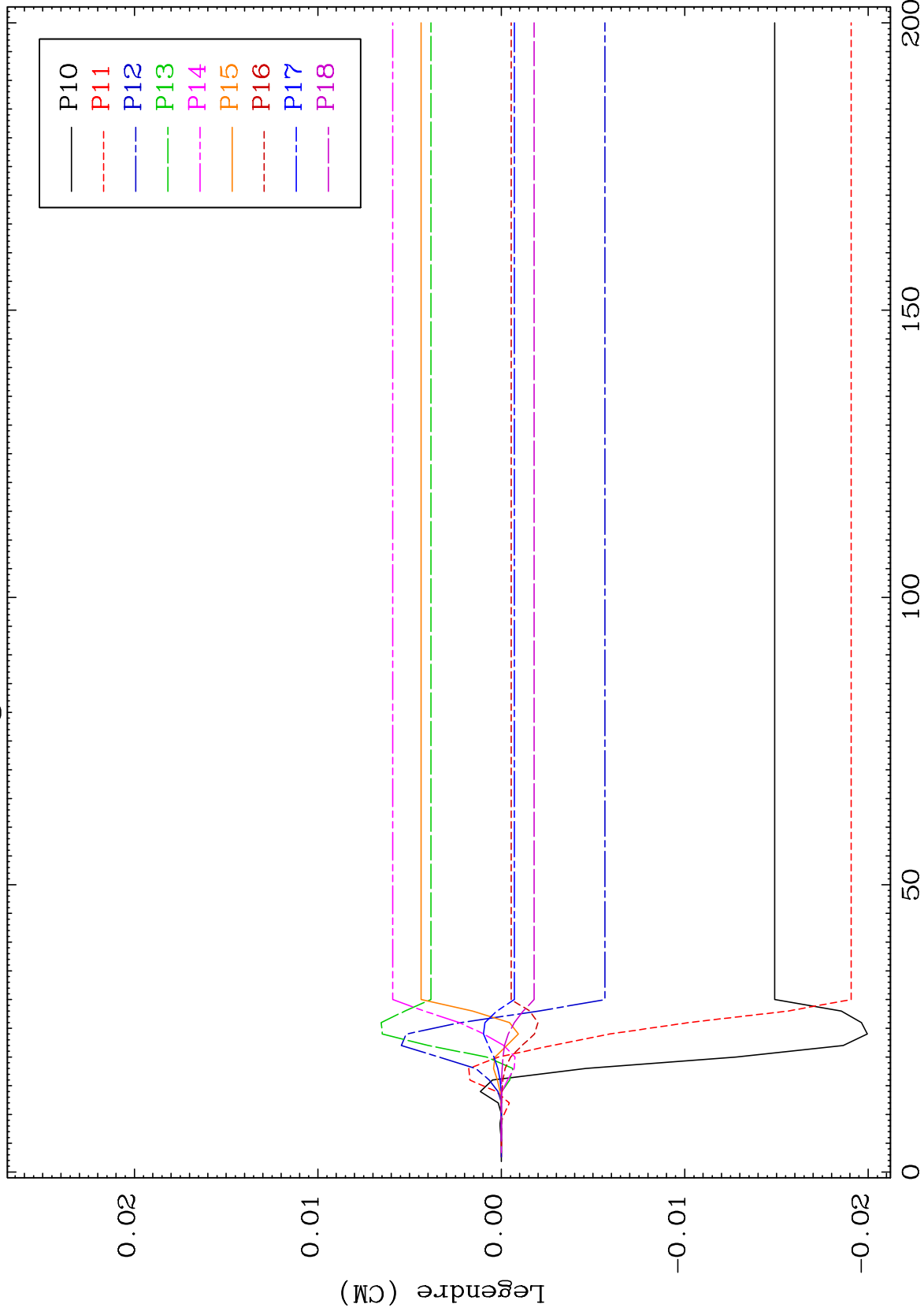
74

88-Ra-207

MAT 8777

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

88-Ra-207



75

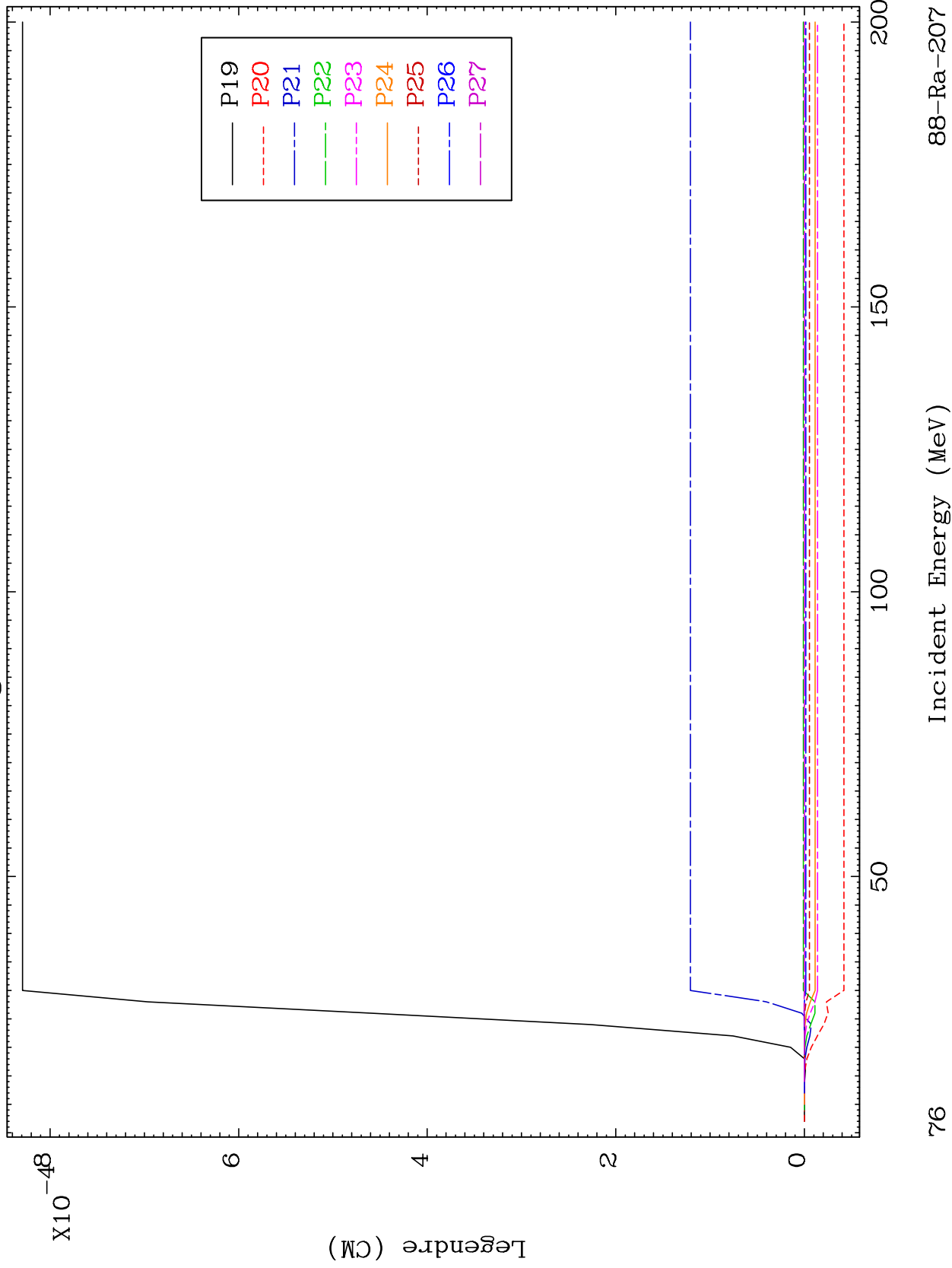
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

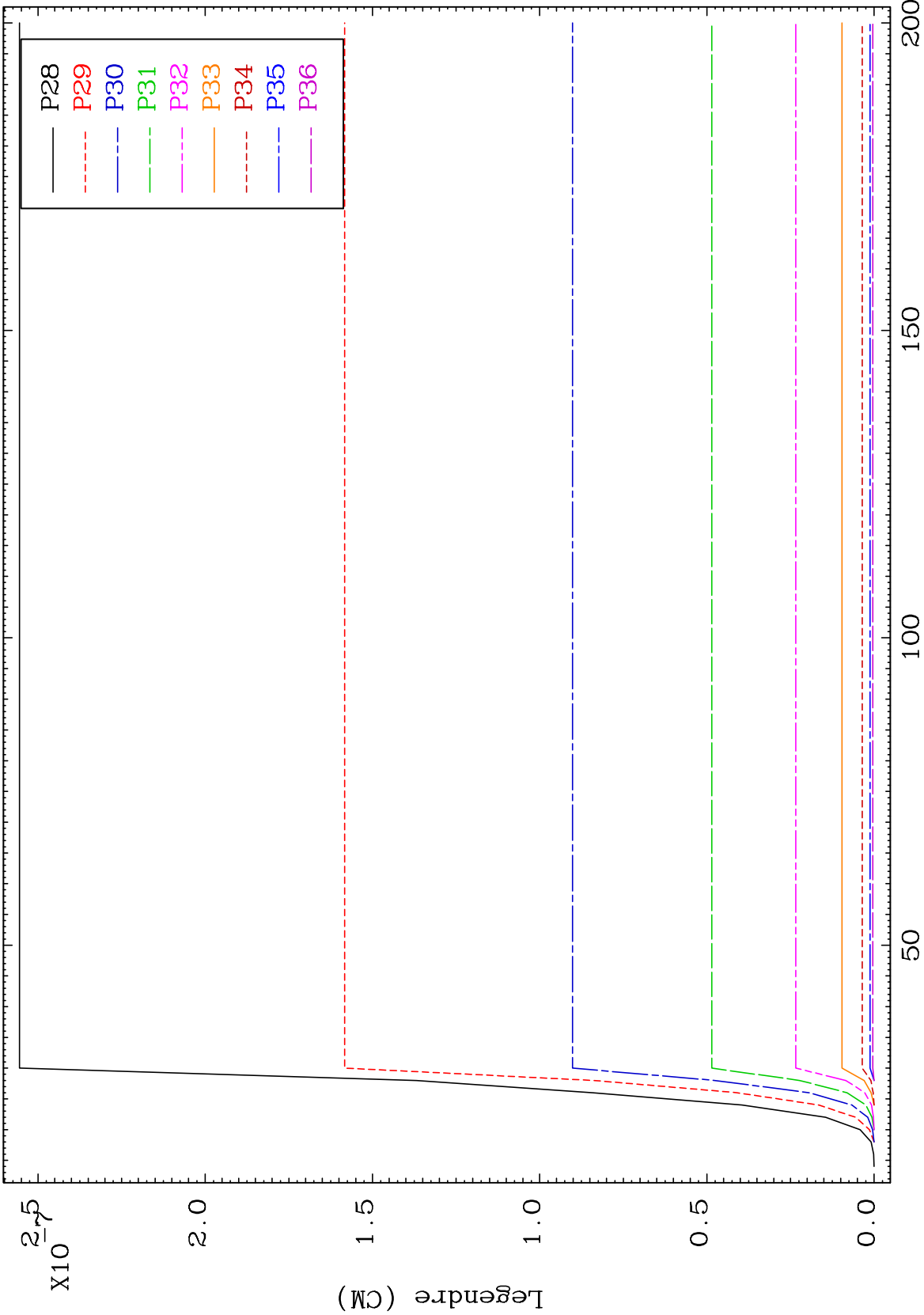
88-Ra-207



MAT 8777

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

88-Ra-207



77

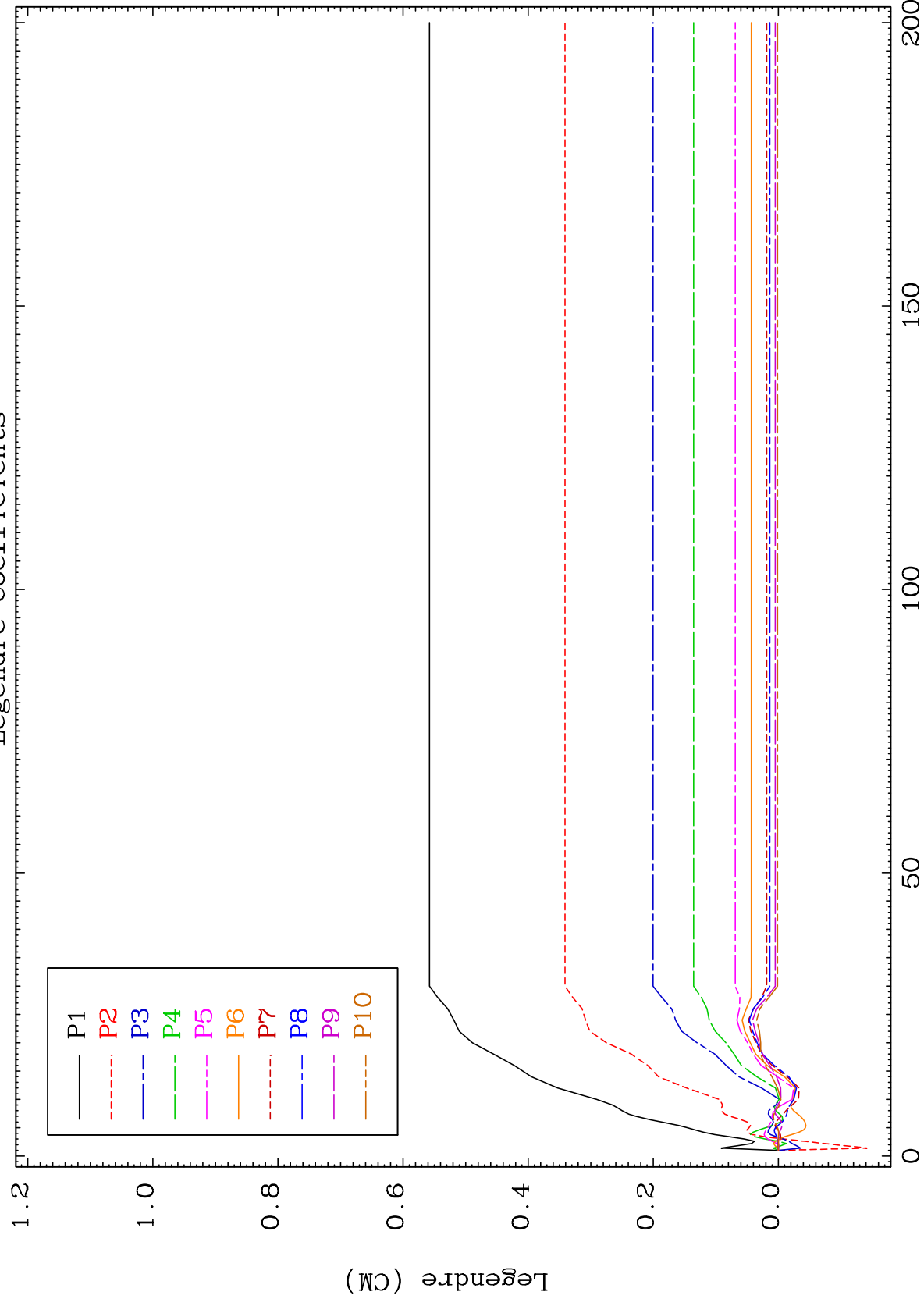
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



78

Incident Energy (MeV)

88-Ra-207

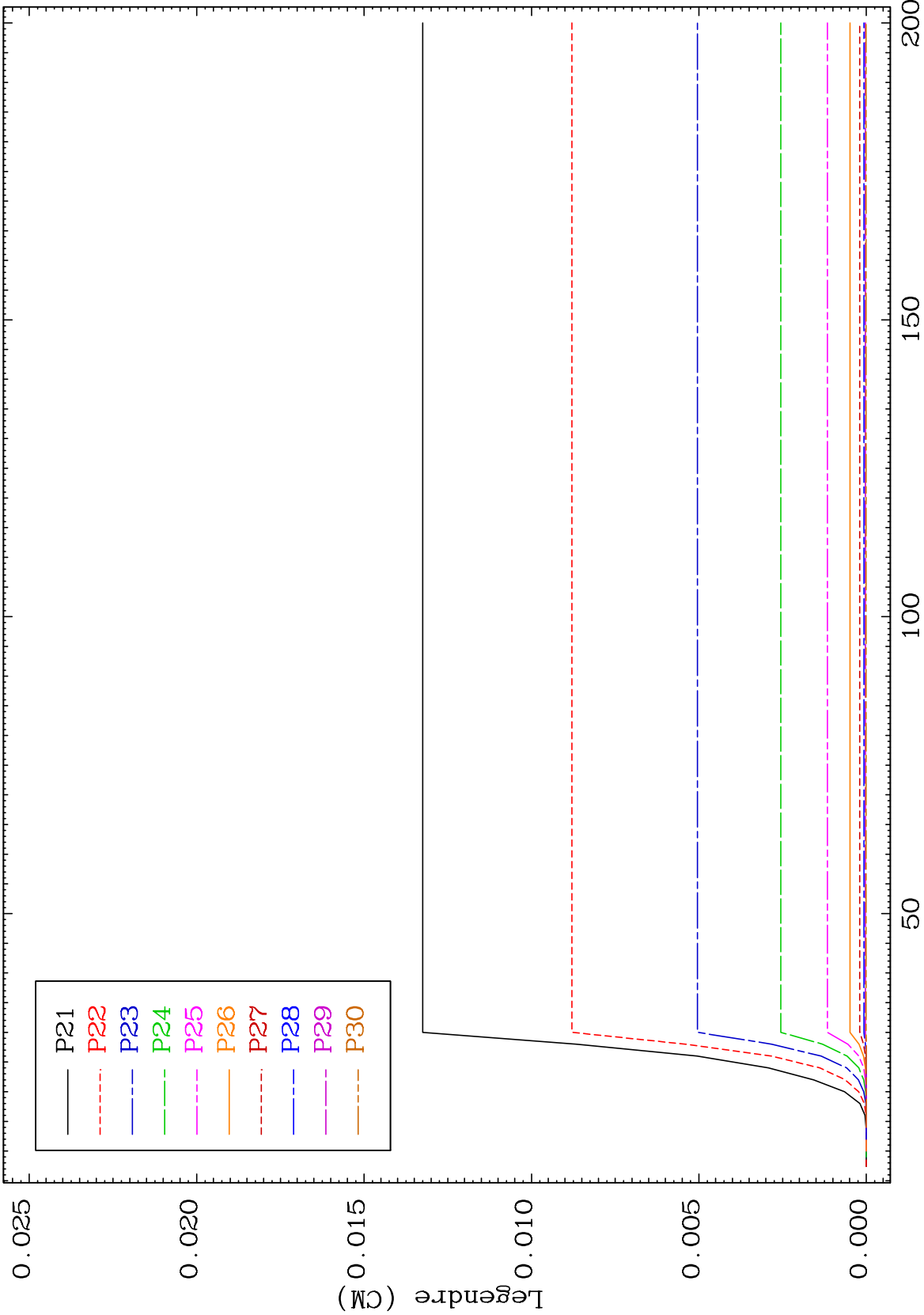




MAT 8777

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

88-Ra-207



80

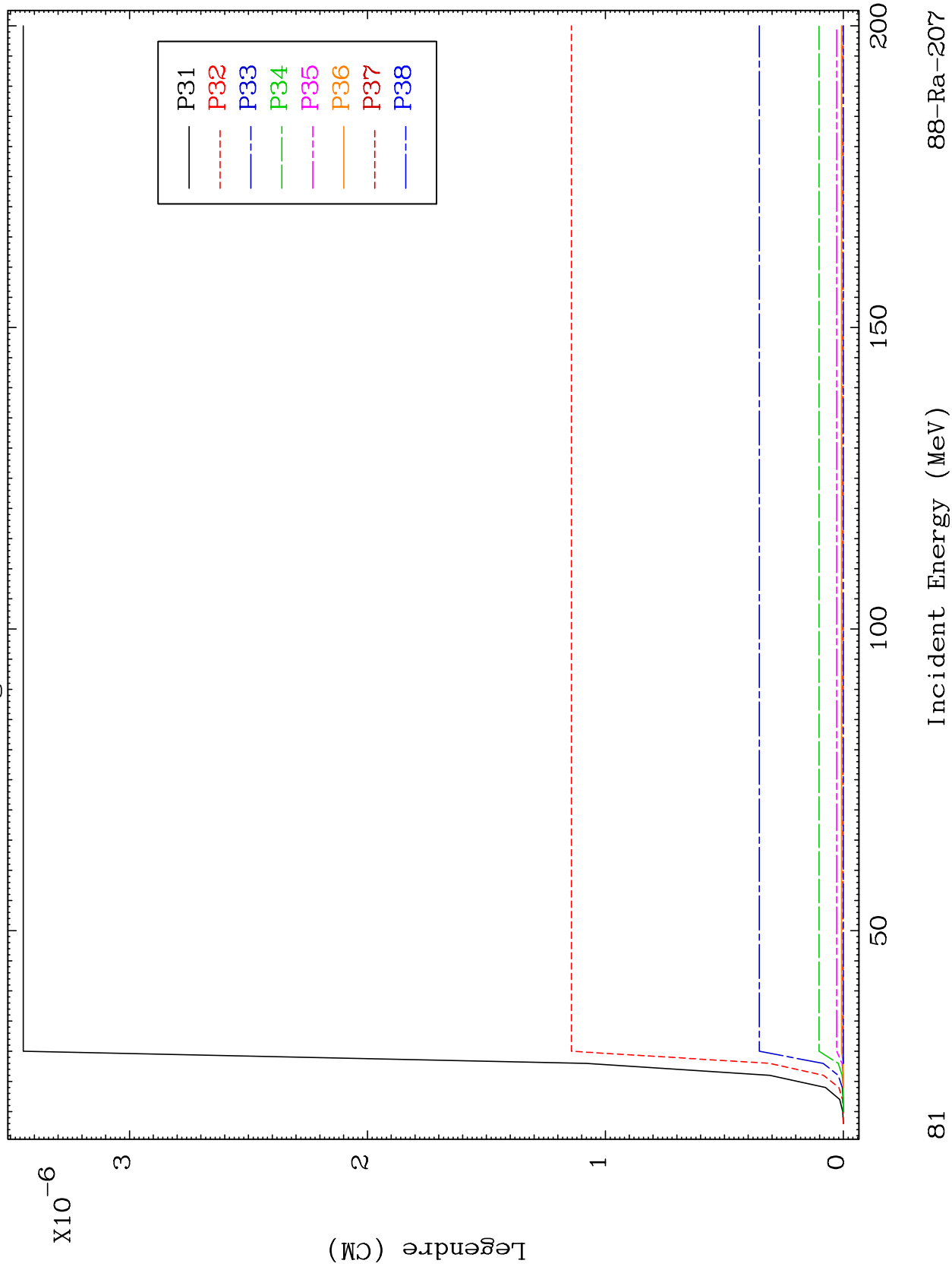
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



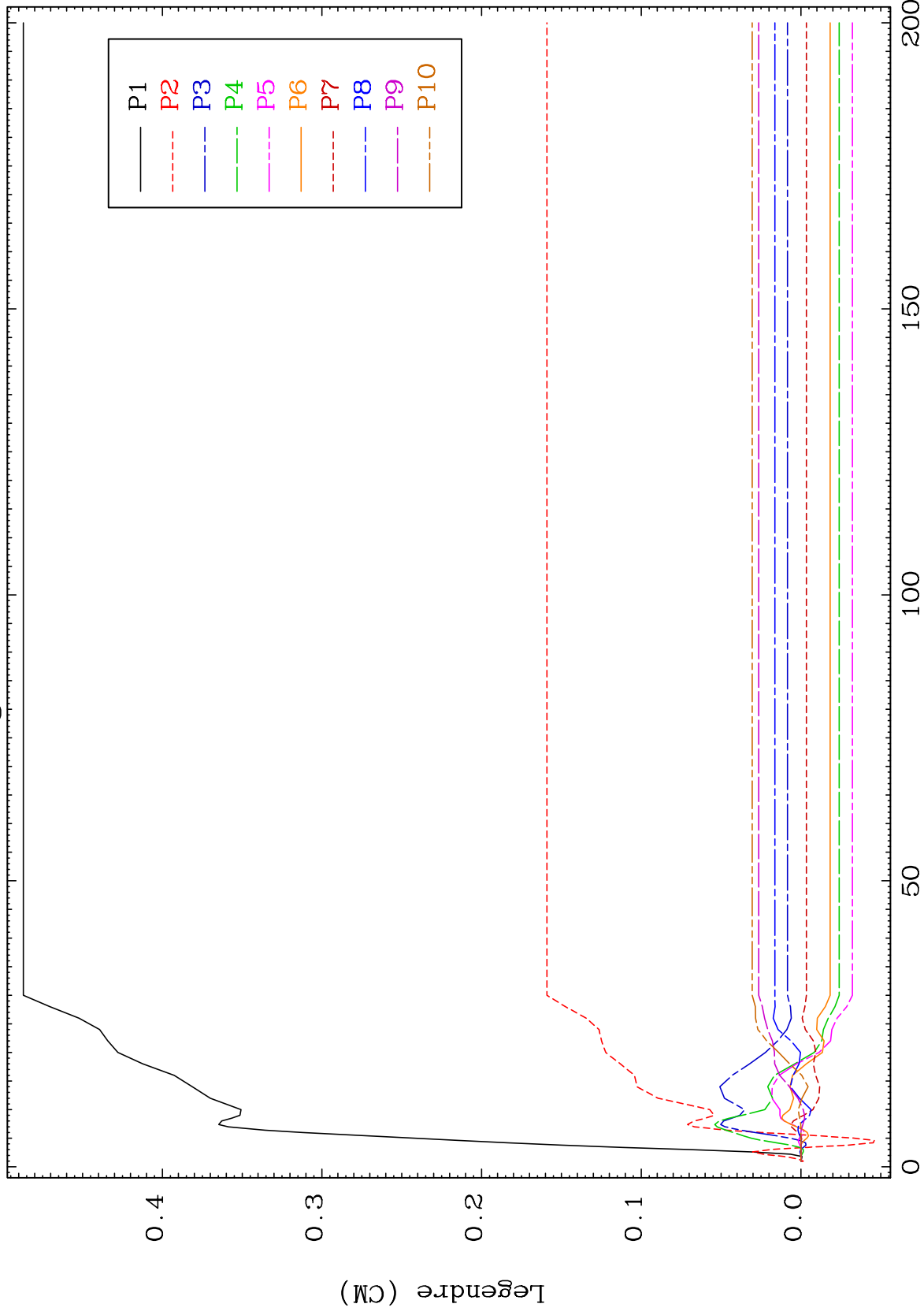
81

88-Ra-207

MAT 8777

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

88-Ra-207



82

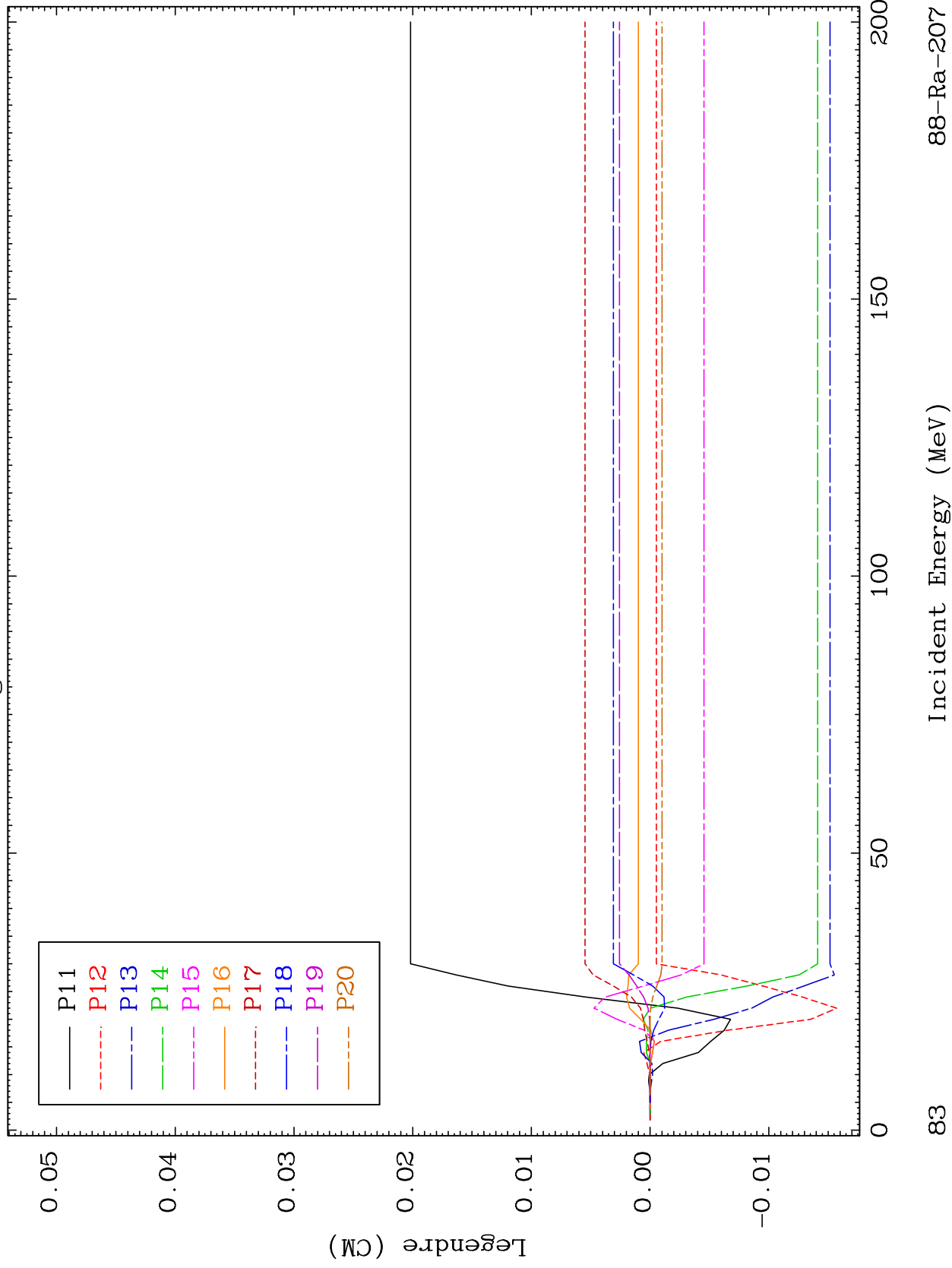
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88

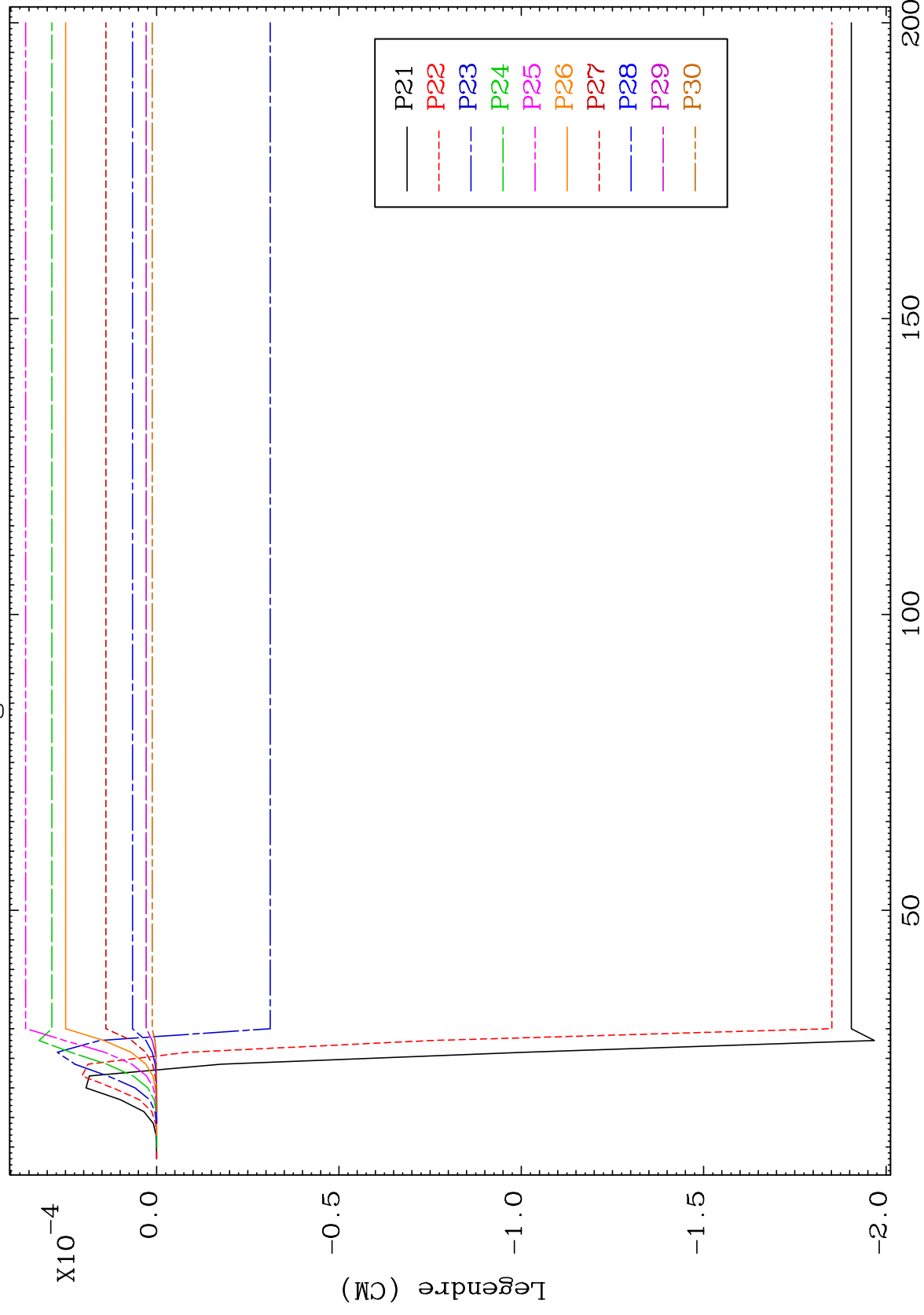
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



84

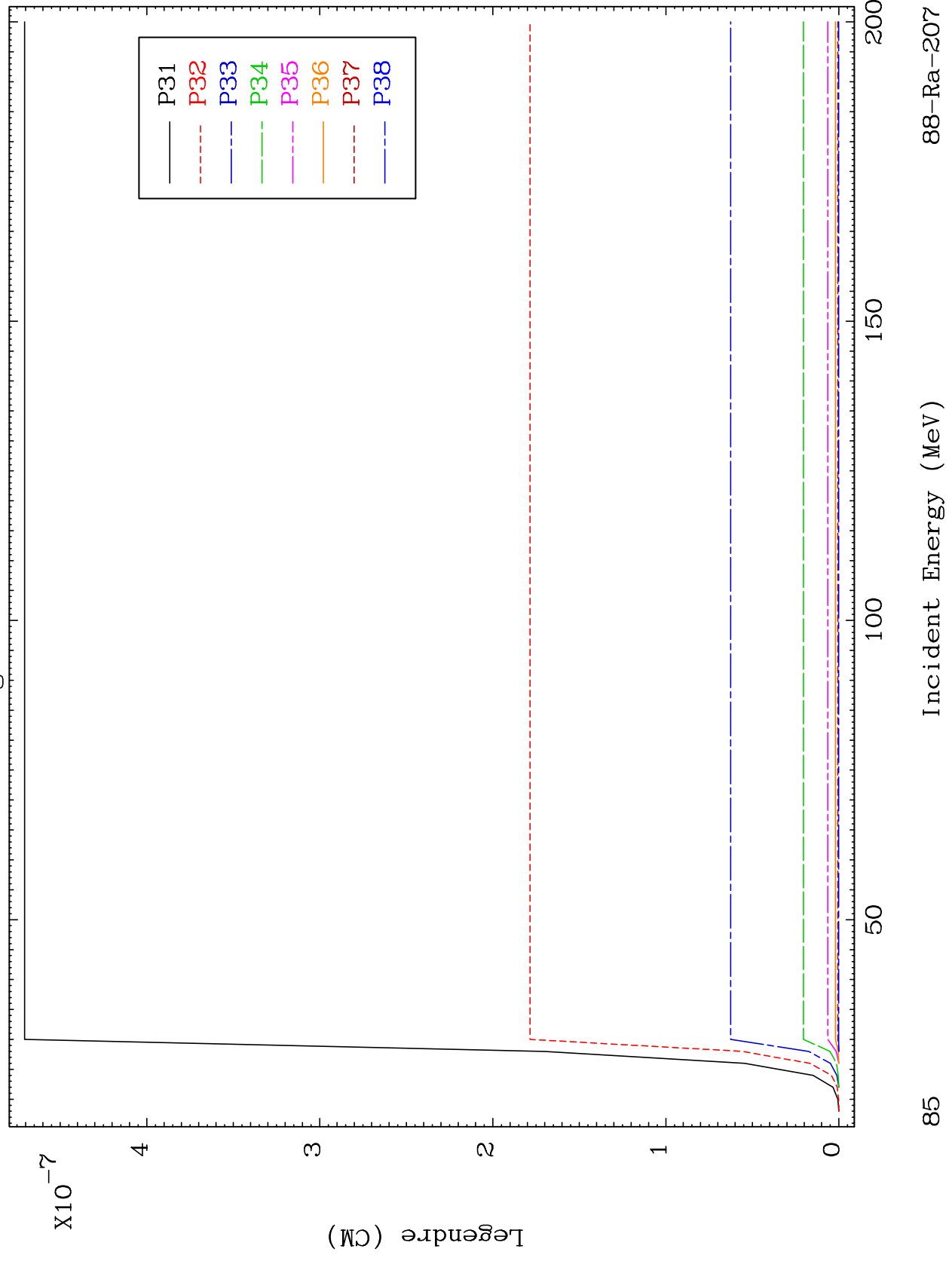
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



85

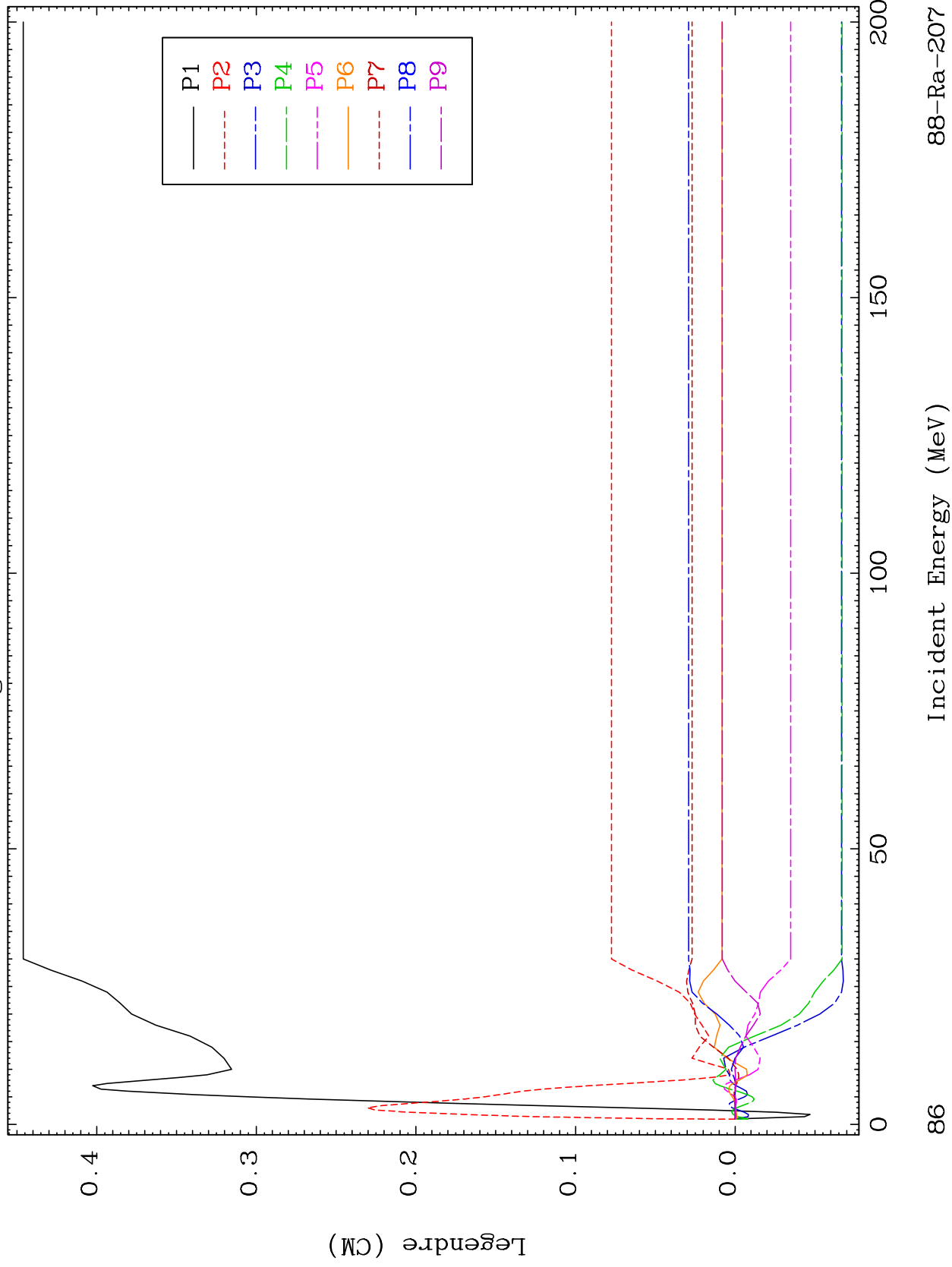
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

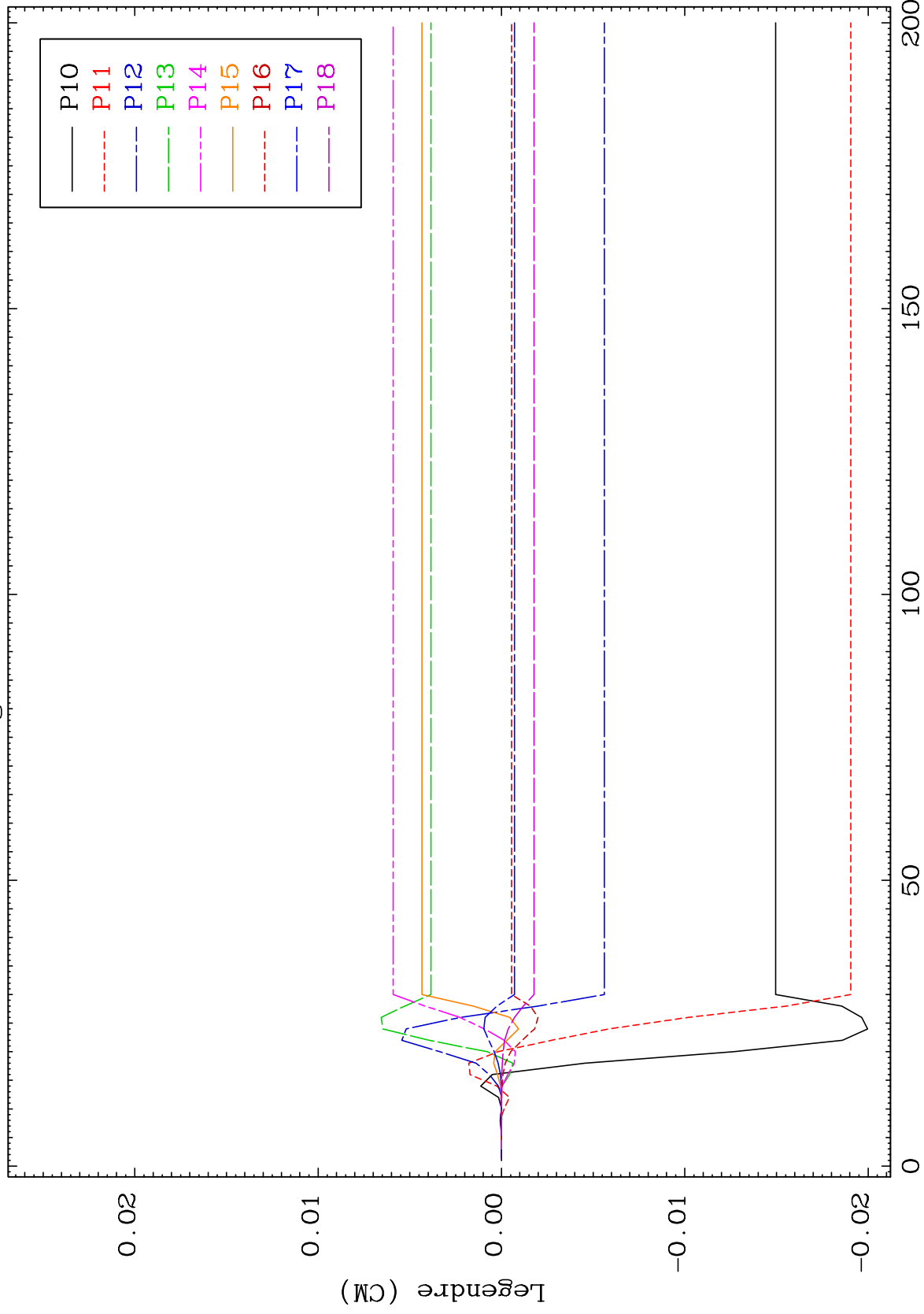
Incident Energy (MeV)

86

MAT 8777

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

88-Ra-207



87

Incident Energy (MeV)

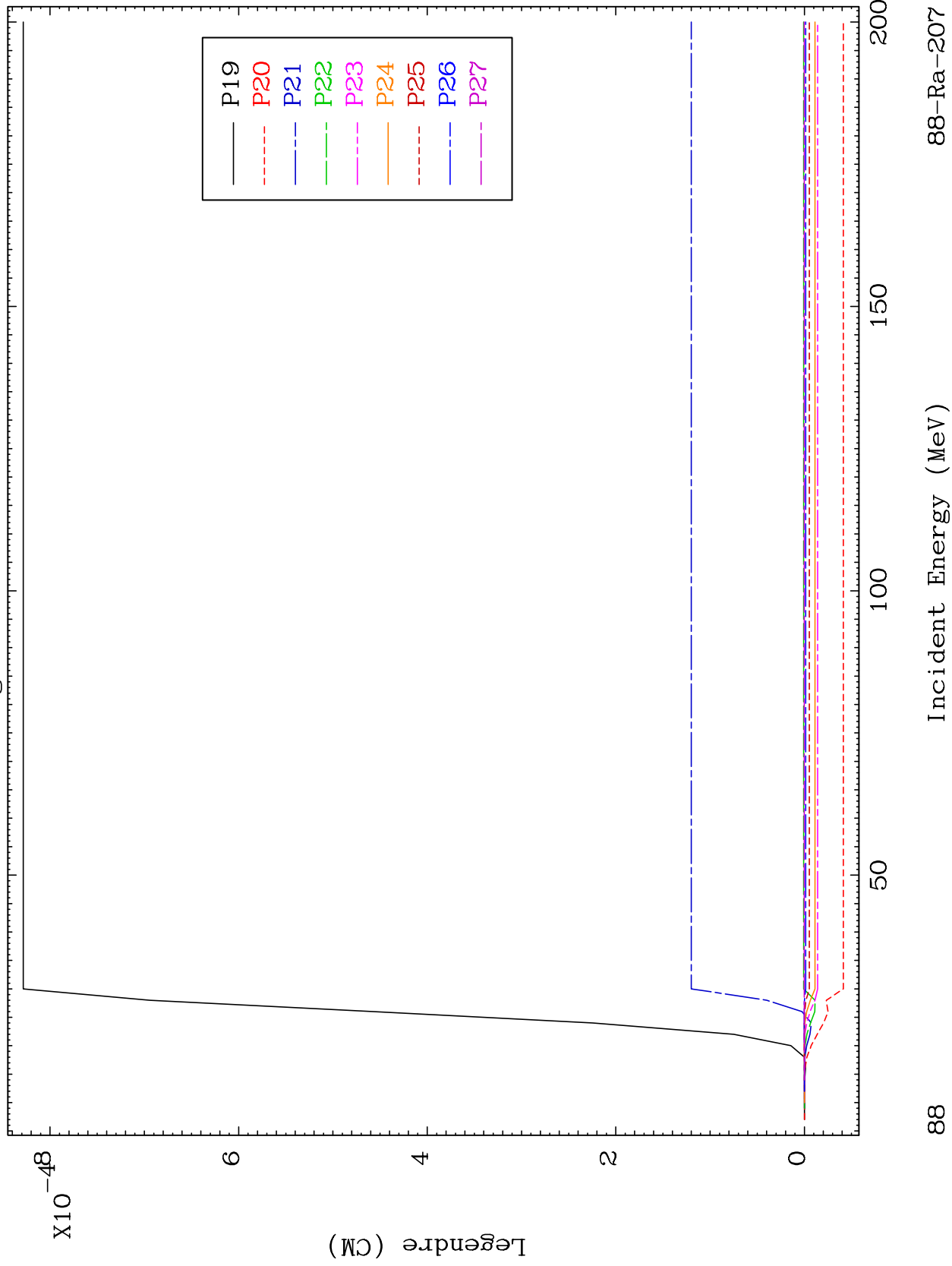
88-Ra-207



MAT 87777

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

88-Ra-207



88

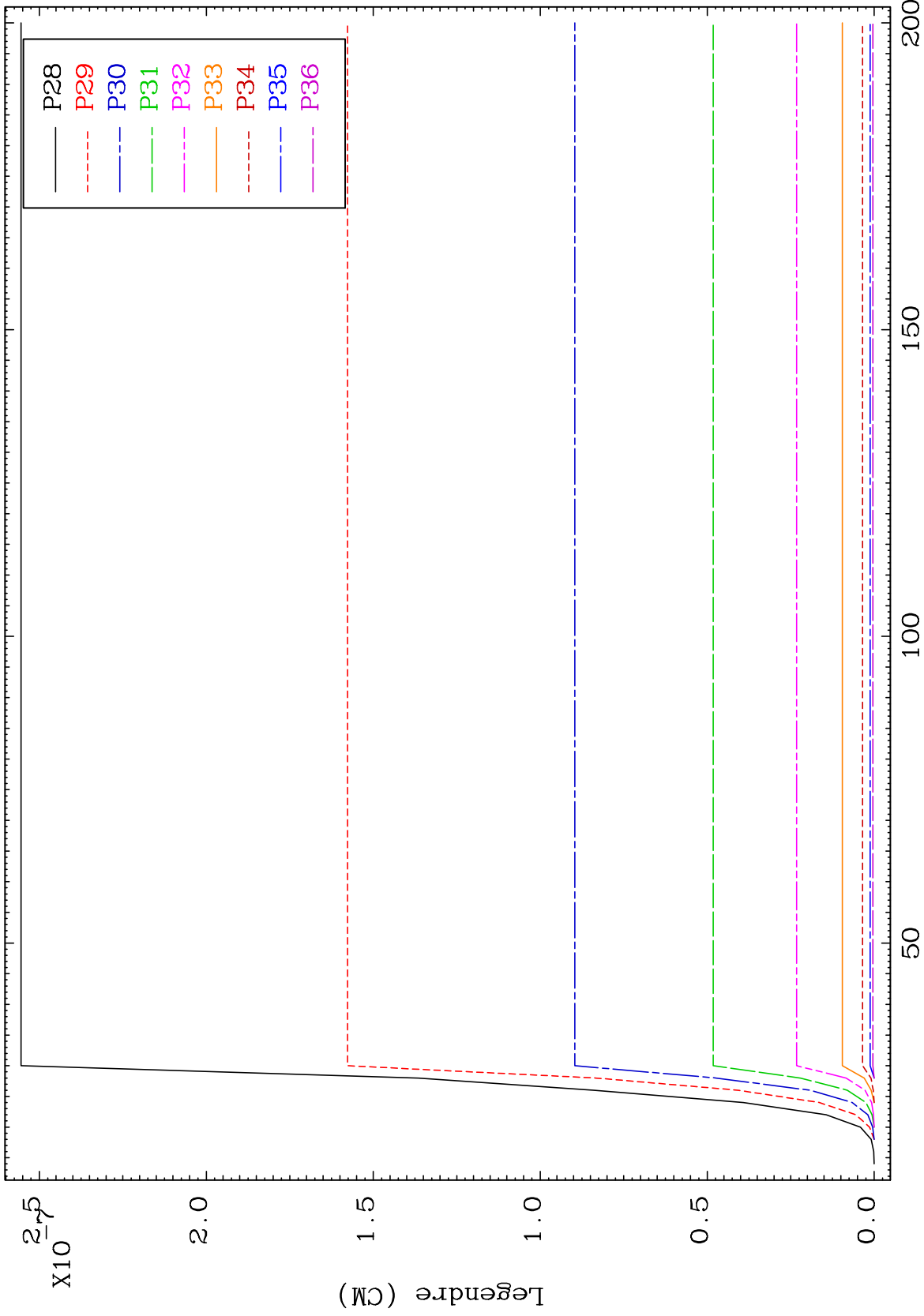
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



89

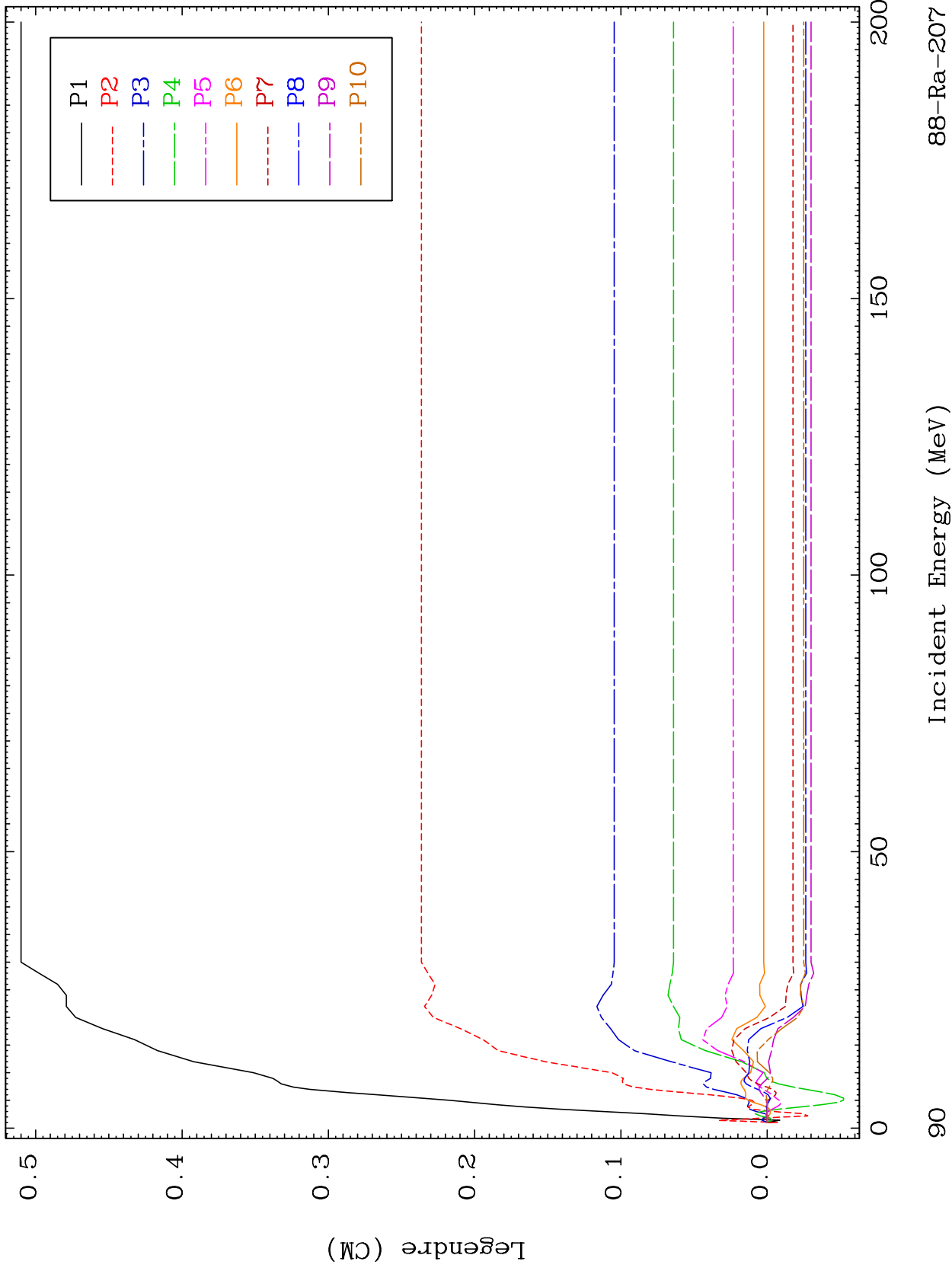
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207

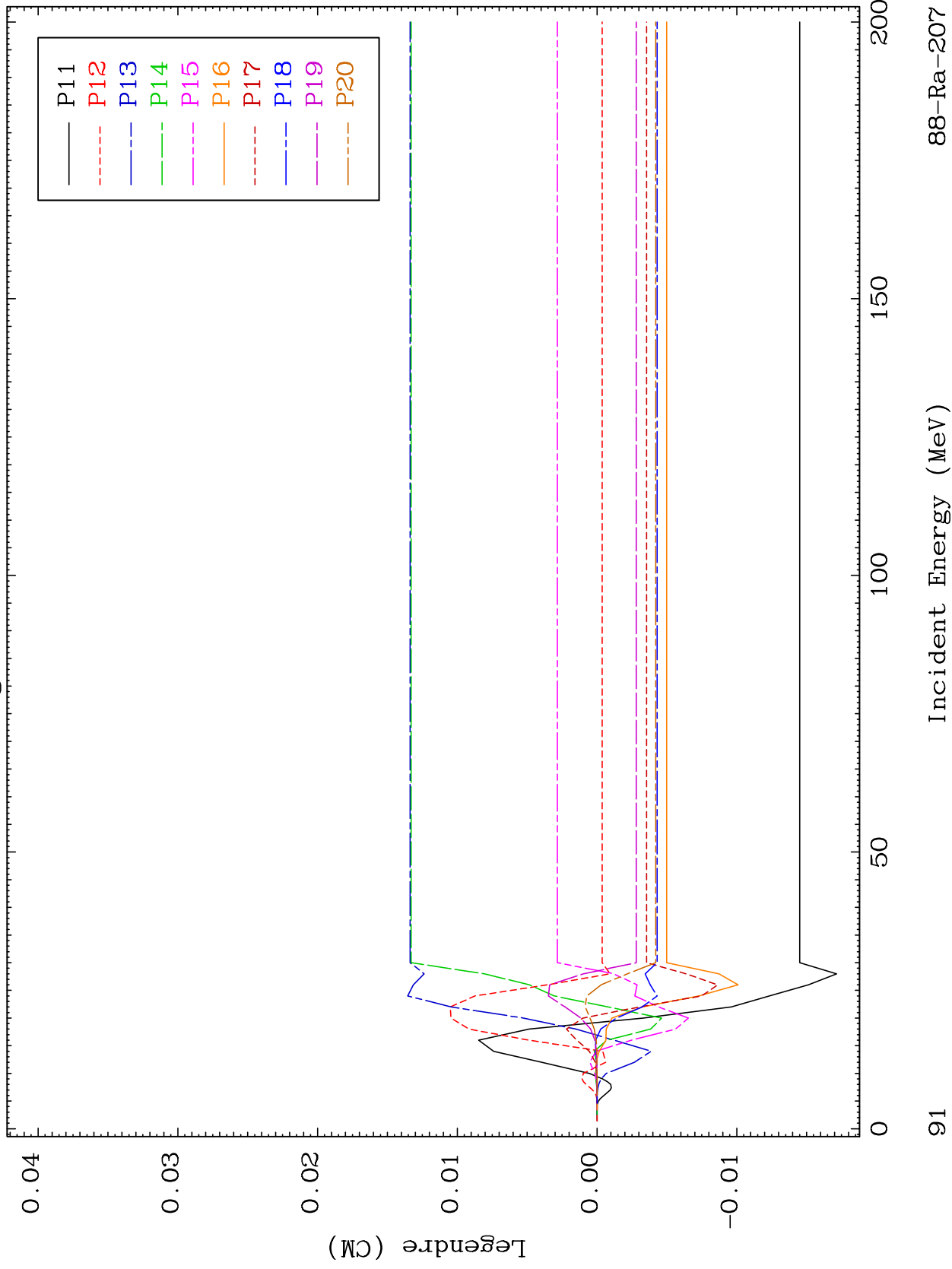


88-Ra-207

MAT 8777

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

88-Ra-207



91

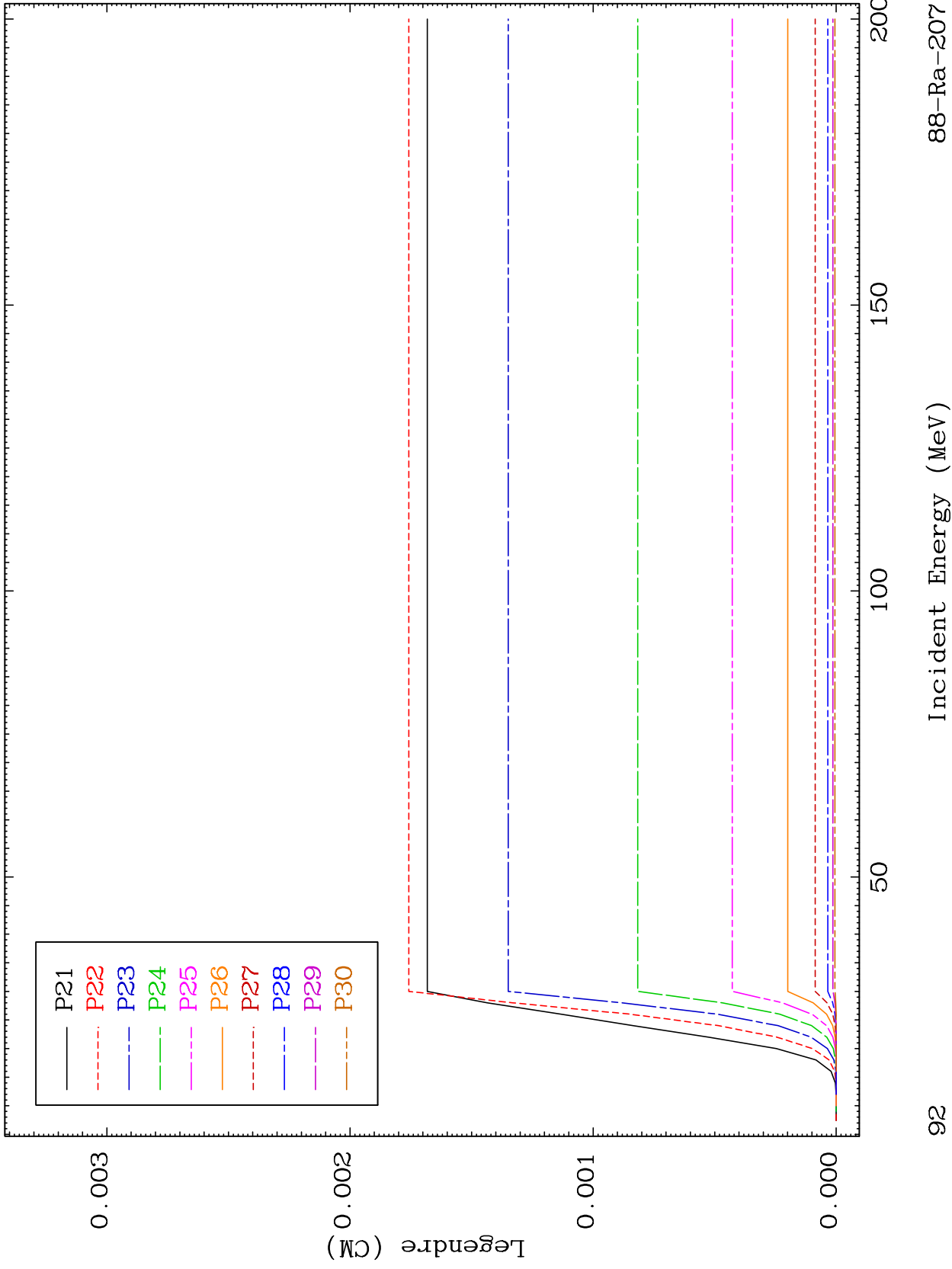
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



92

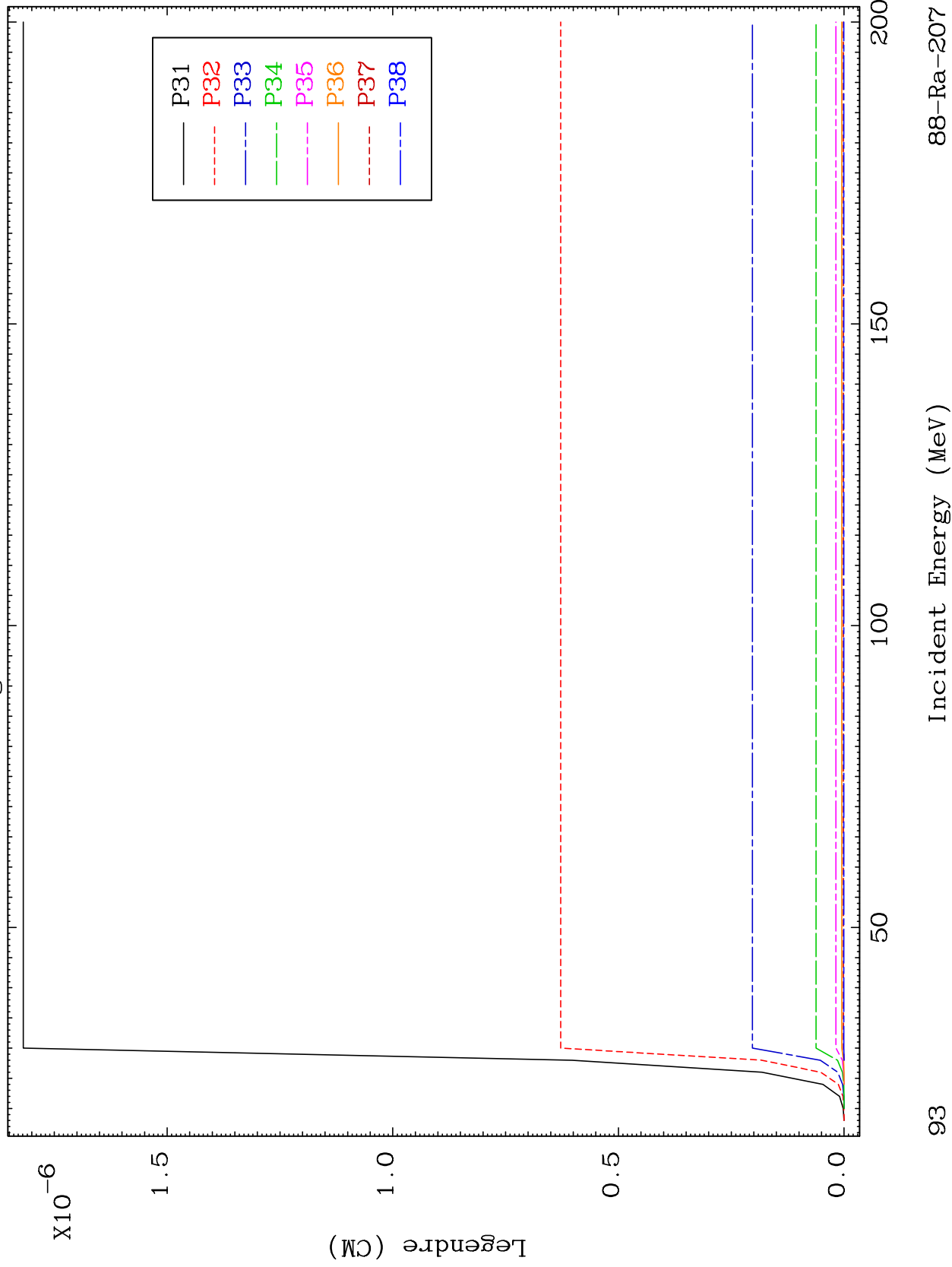
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

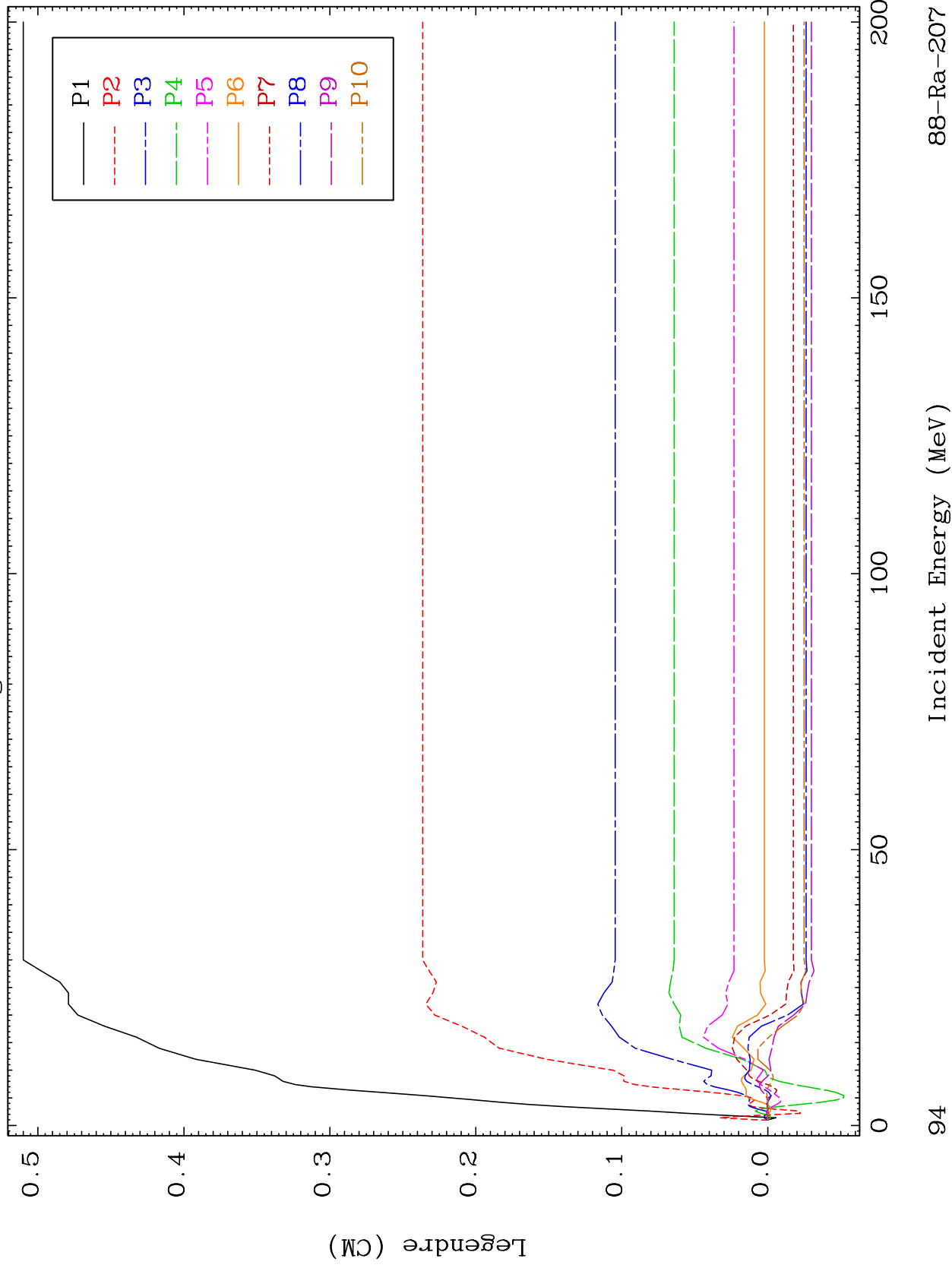
88-Ra-207



MAT 8777

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

88-Ra-207



94

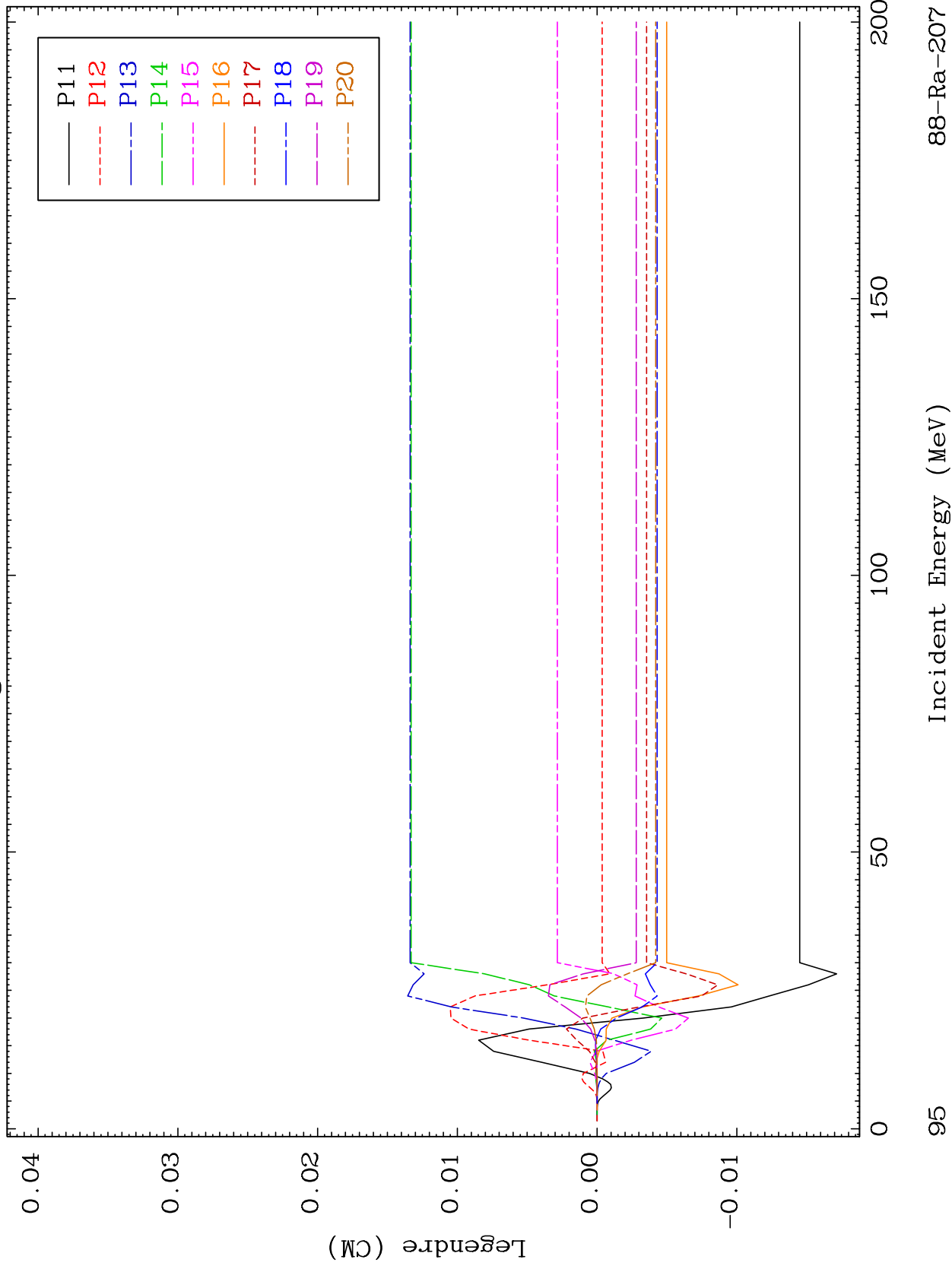
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

Incident Energy (MeV)

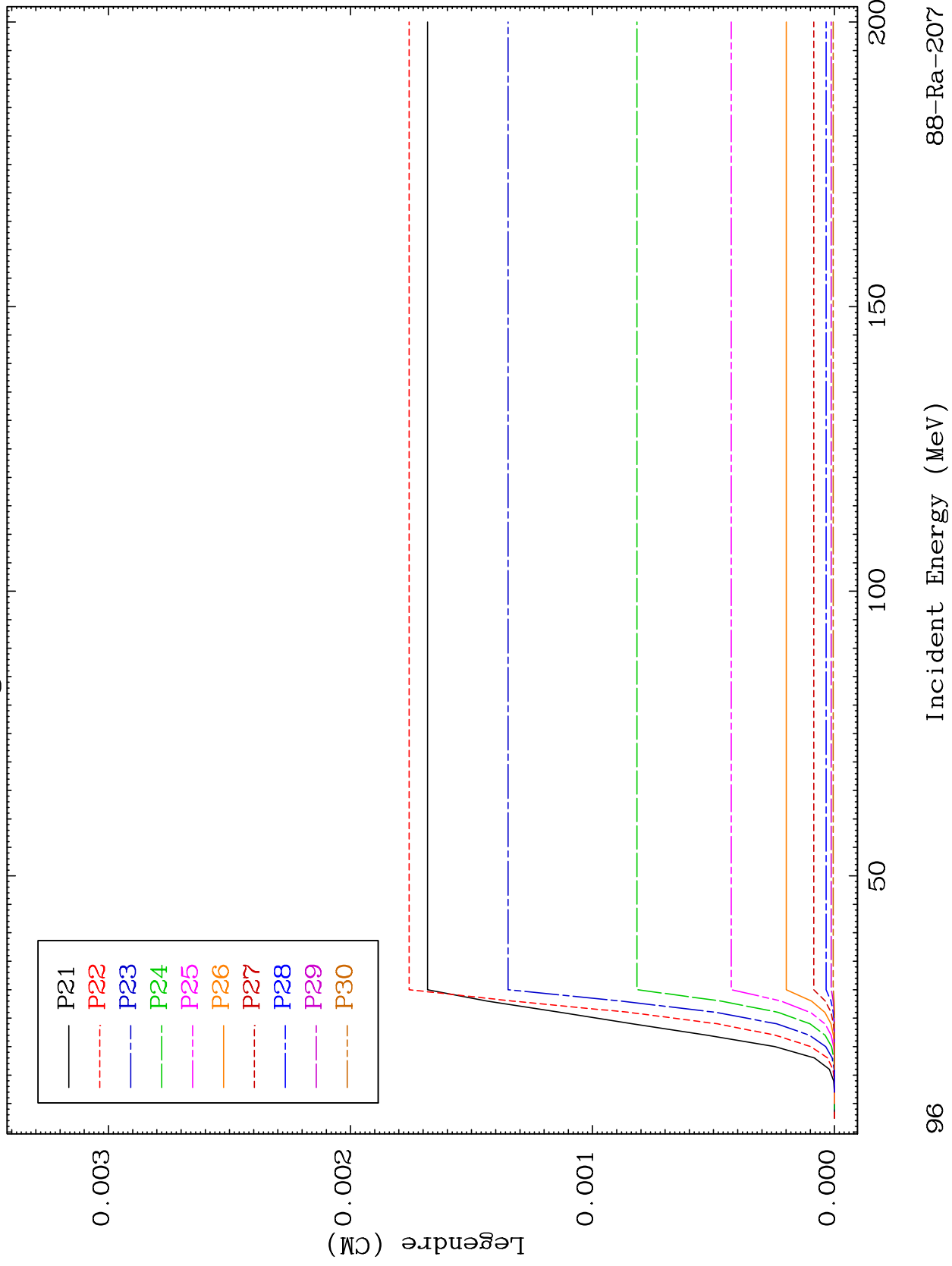
95



MAT 8777

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

88-Ra-207



96

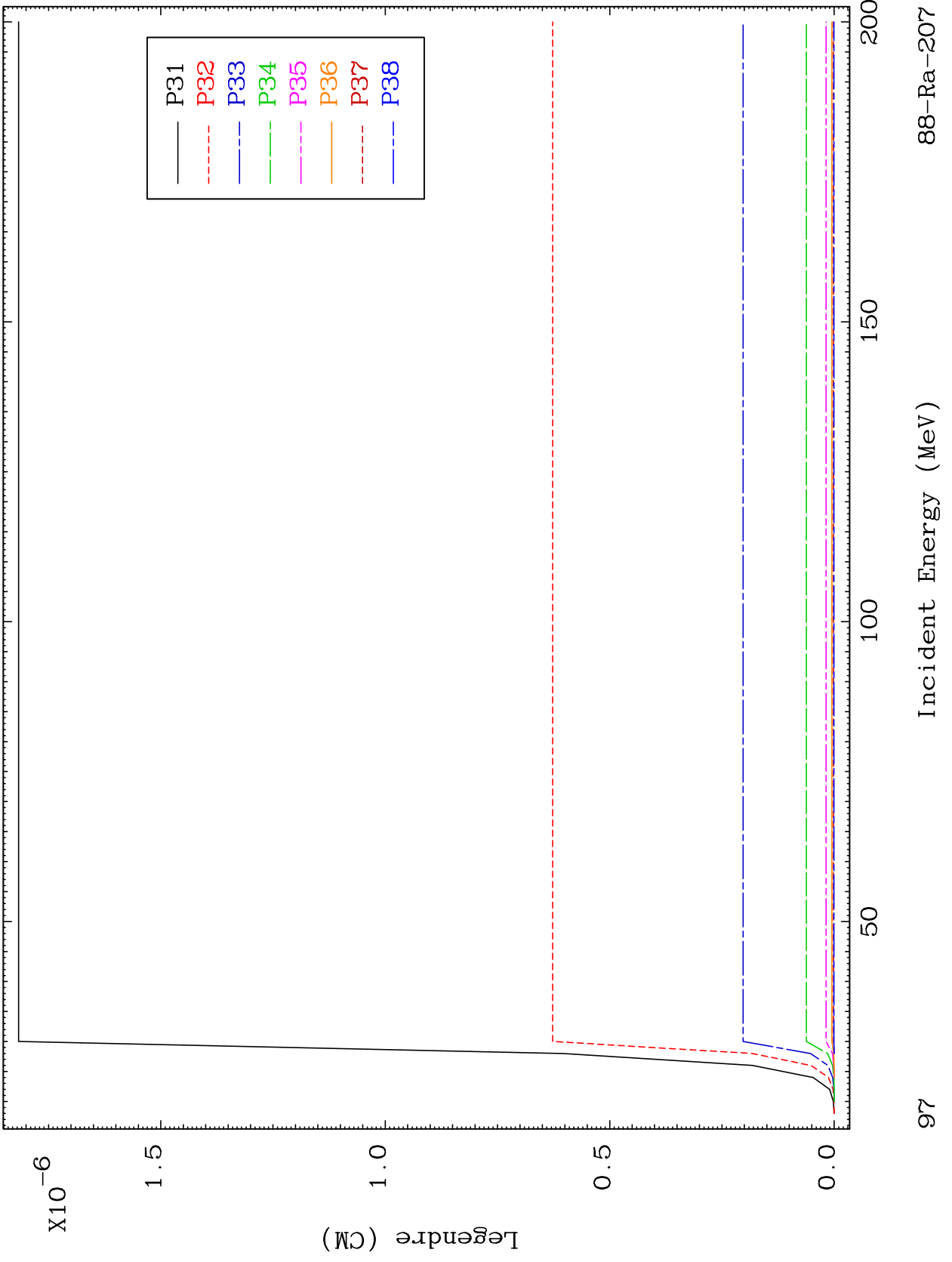
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

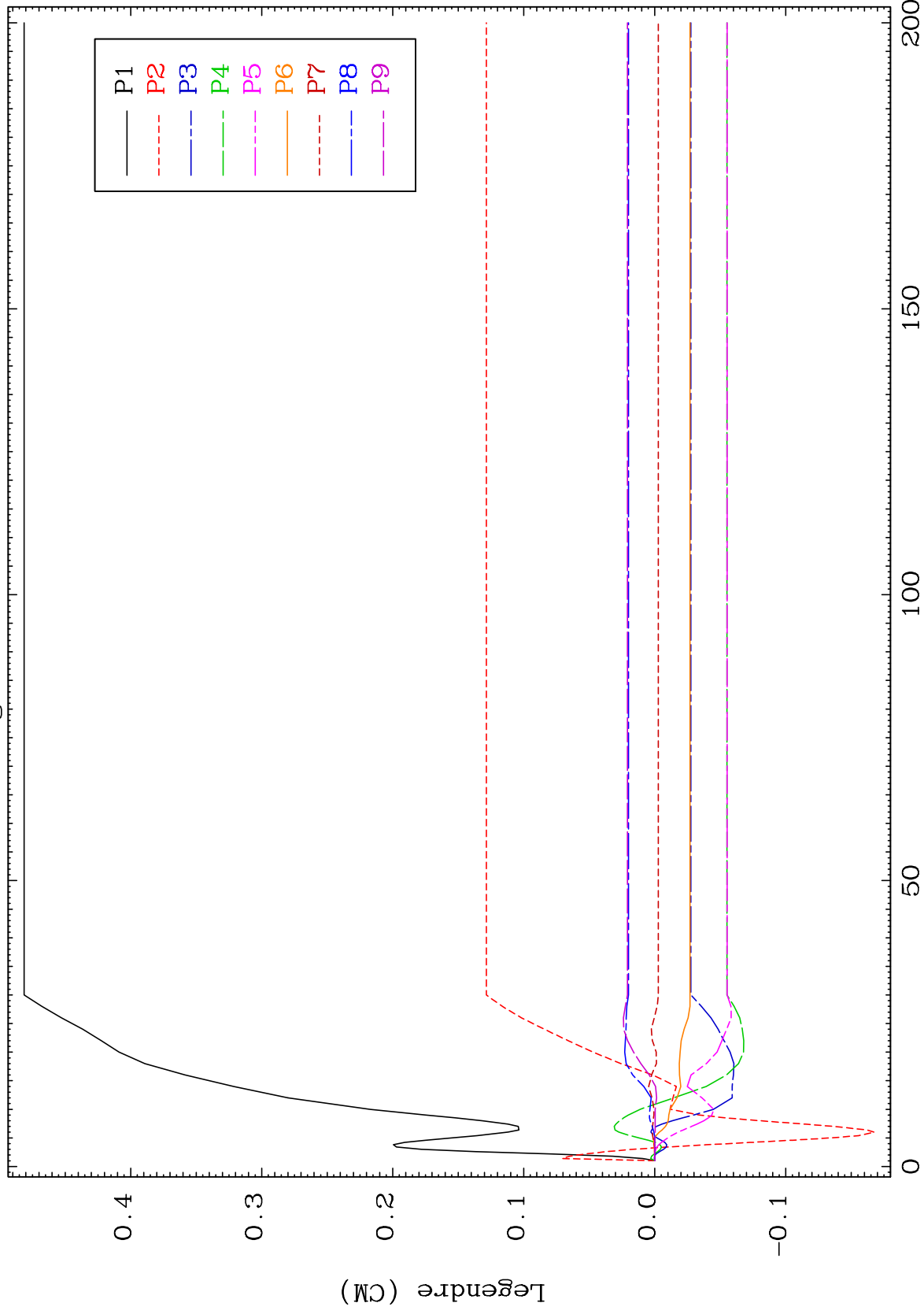
88-Ra-207



MAT 8777

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

88-Ra-207



98

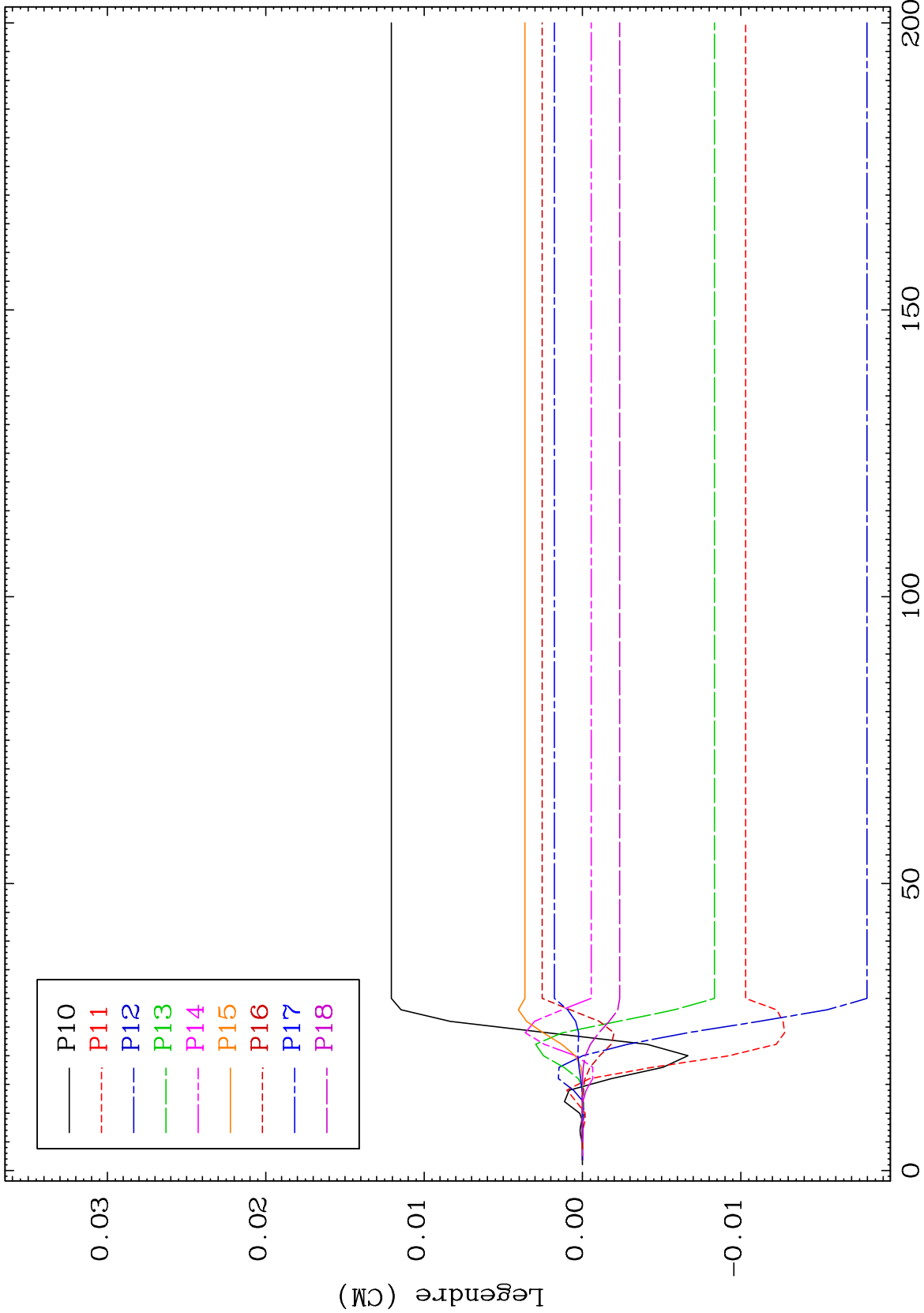
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



99

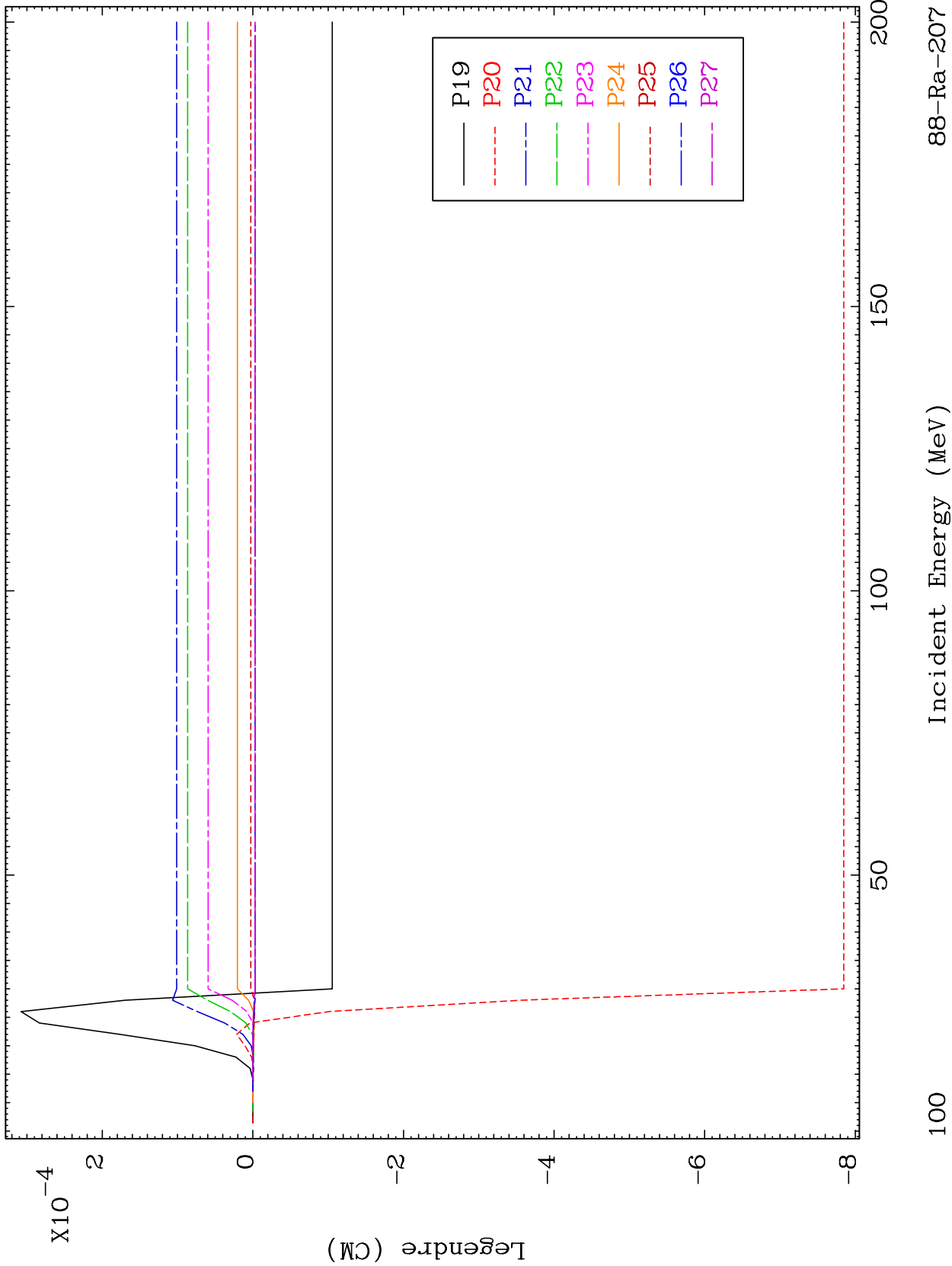
Incident Energy (MeV)

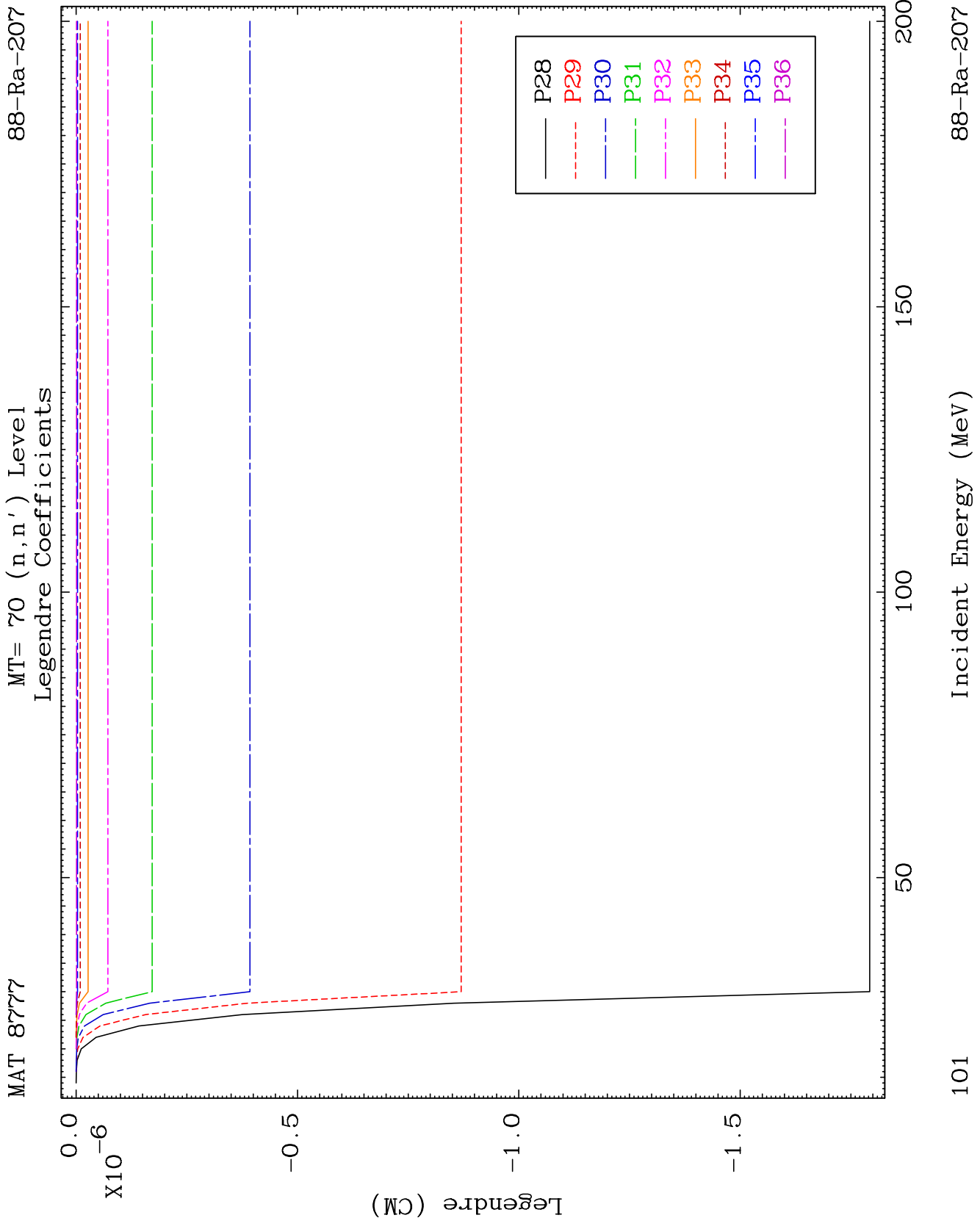
88-Ra-207

MAT 8777

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

88-Ra-207

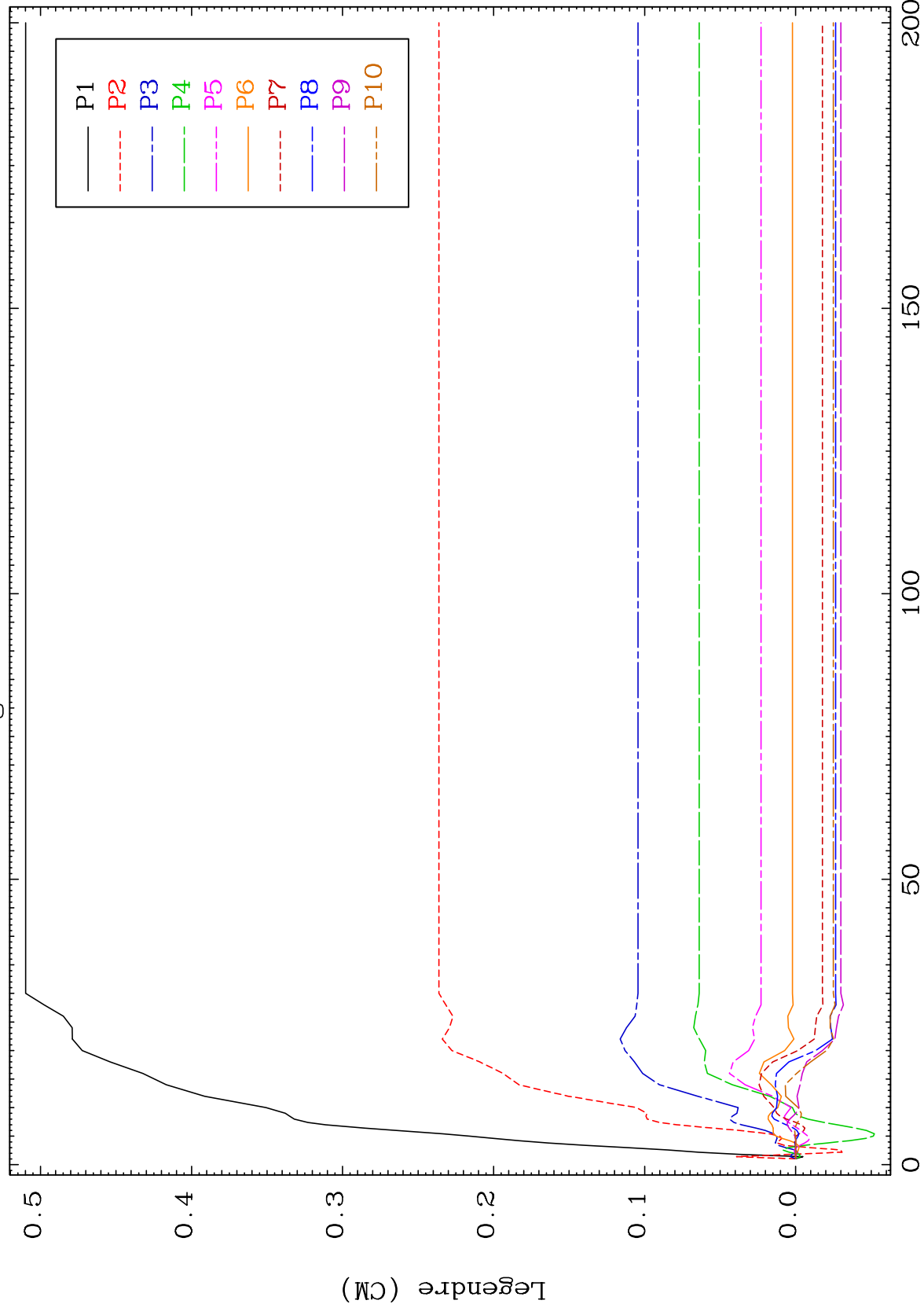




MAT 8777

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

88-Ra-207



88-Ra-207

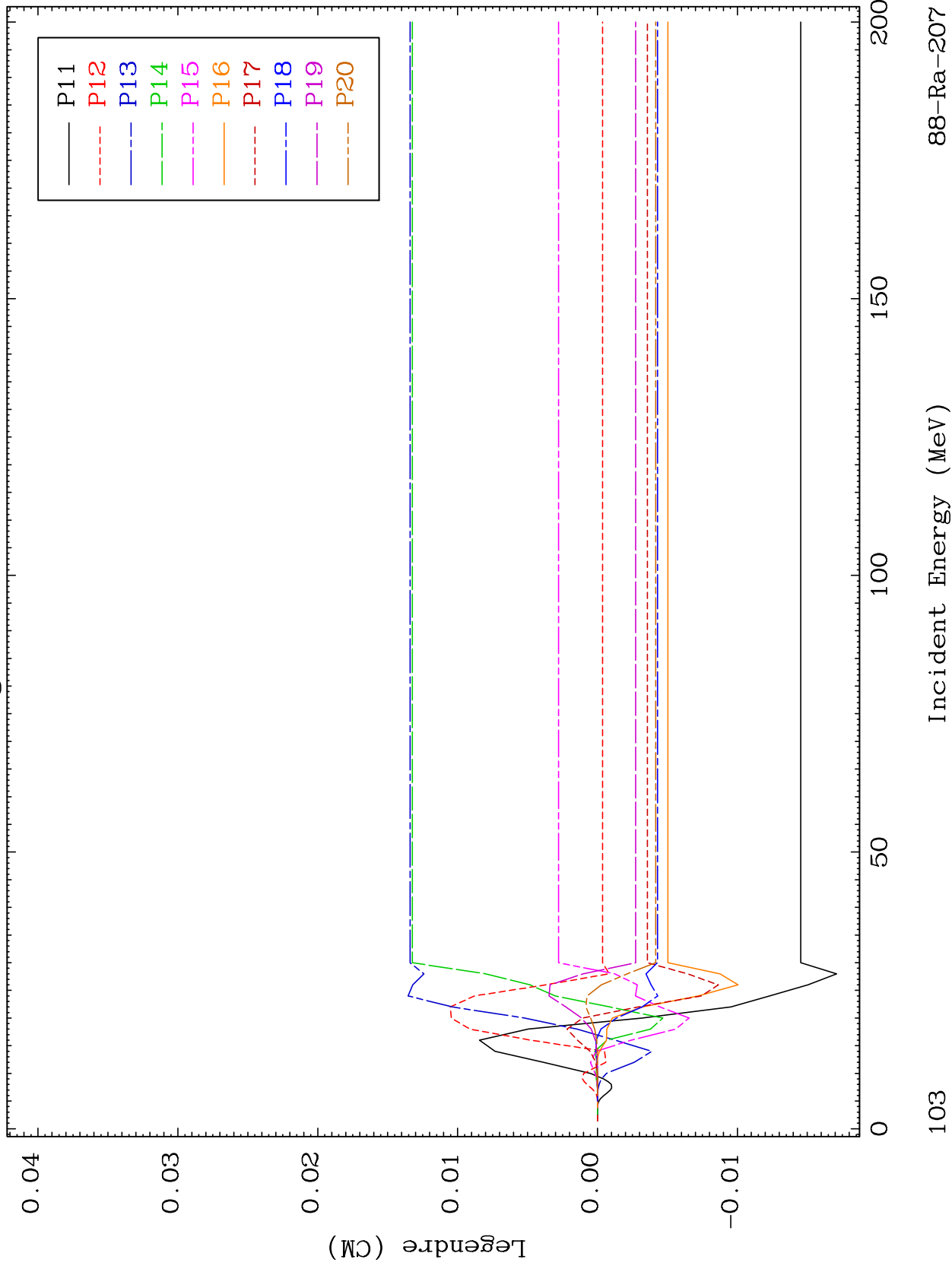
Incident Energy (MeV)

102

MAT 8777

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

88-Ra-207



88-Ra-207

Incident Energy (MeV)

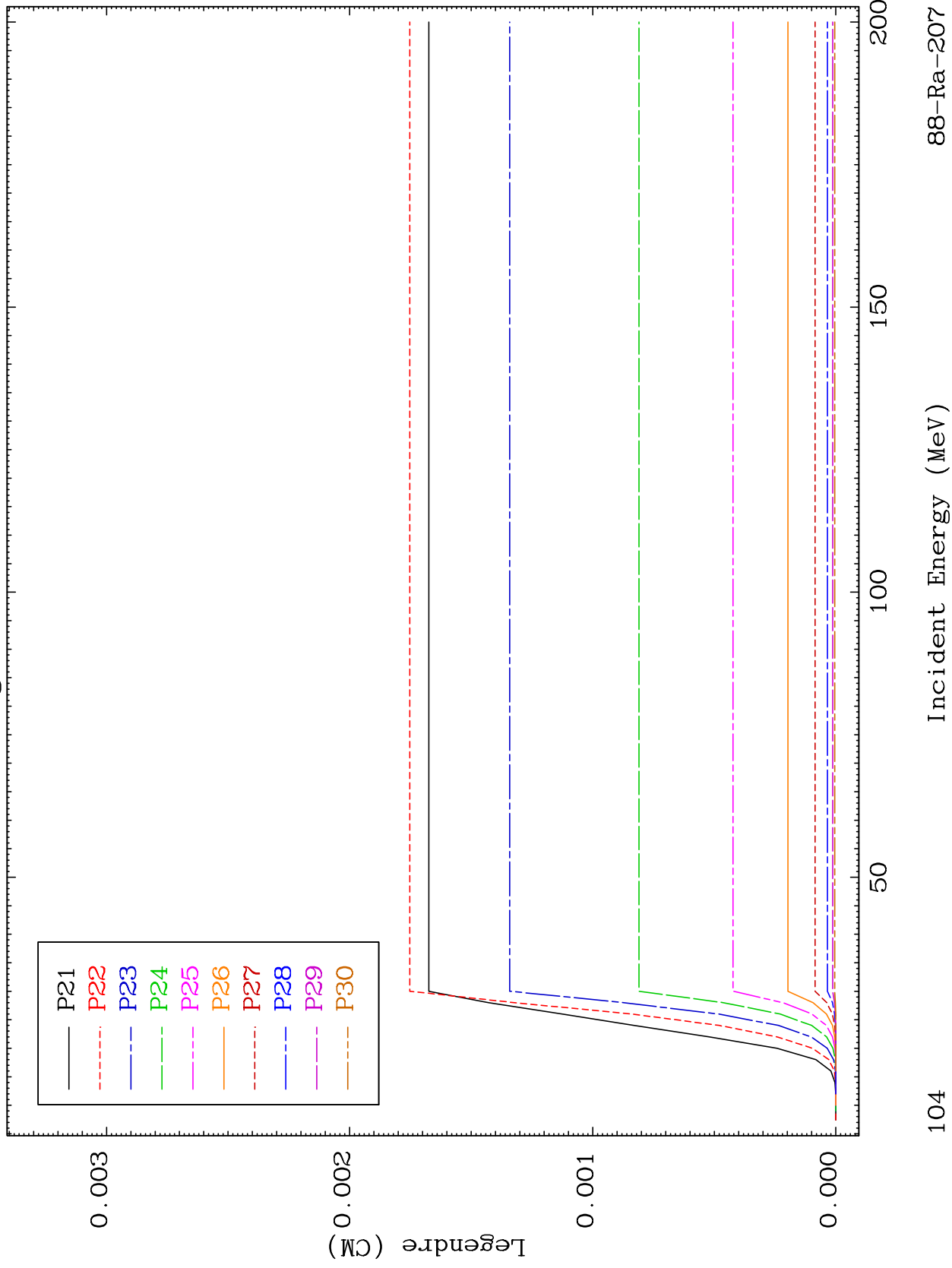
103



MAT 8777

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

88-Ra-207

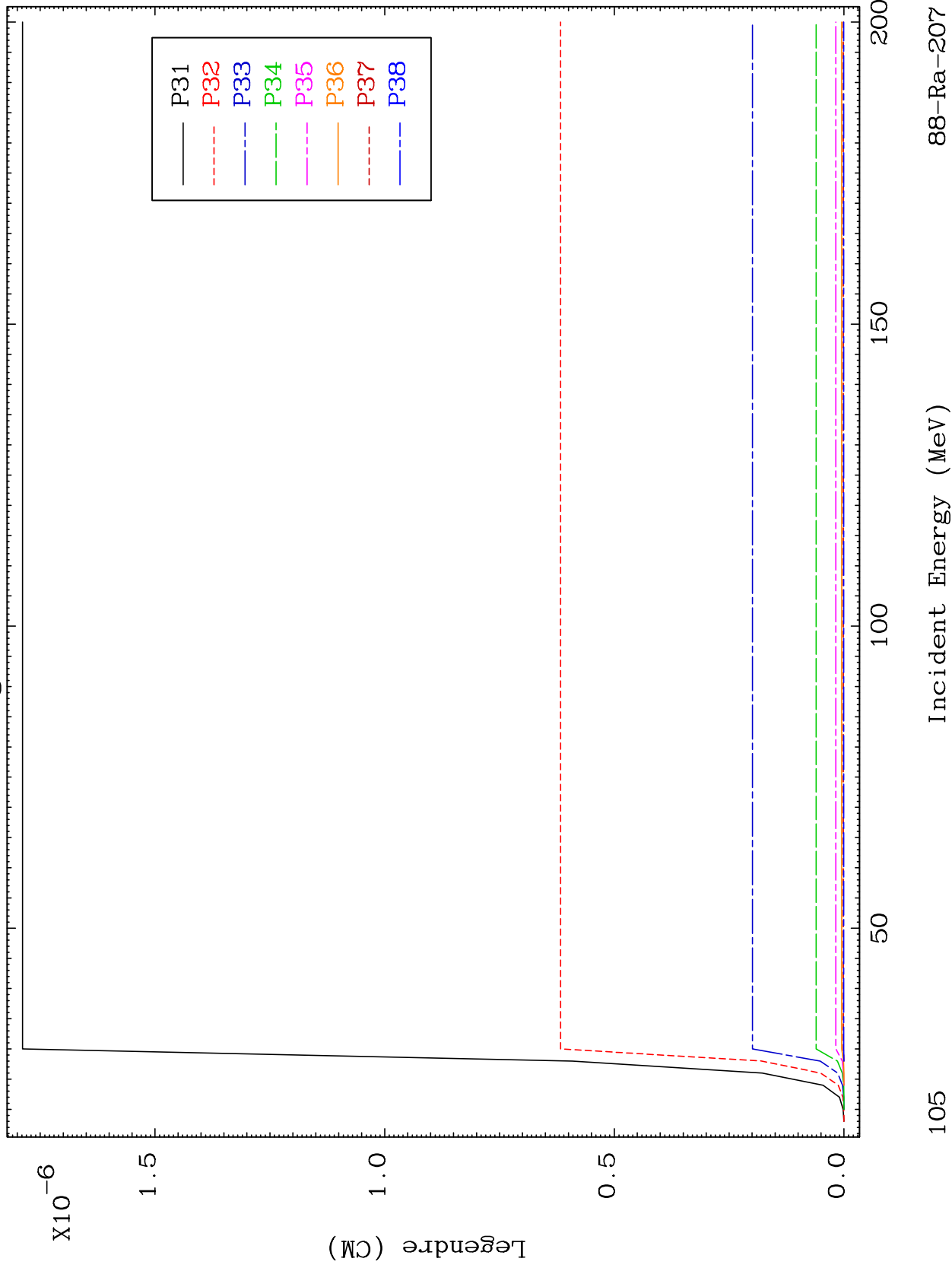


104

MAT 8777

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

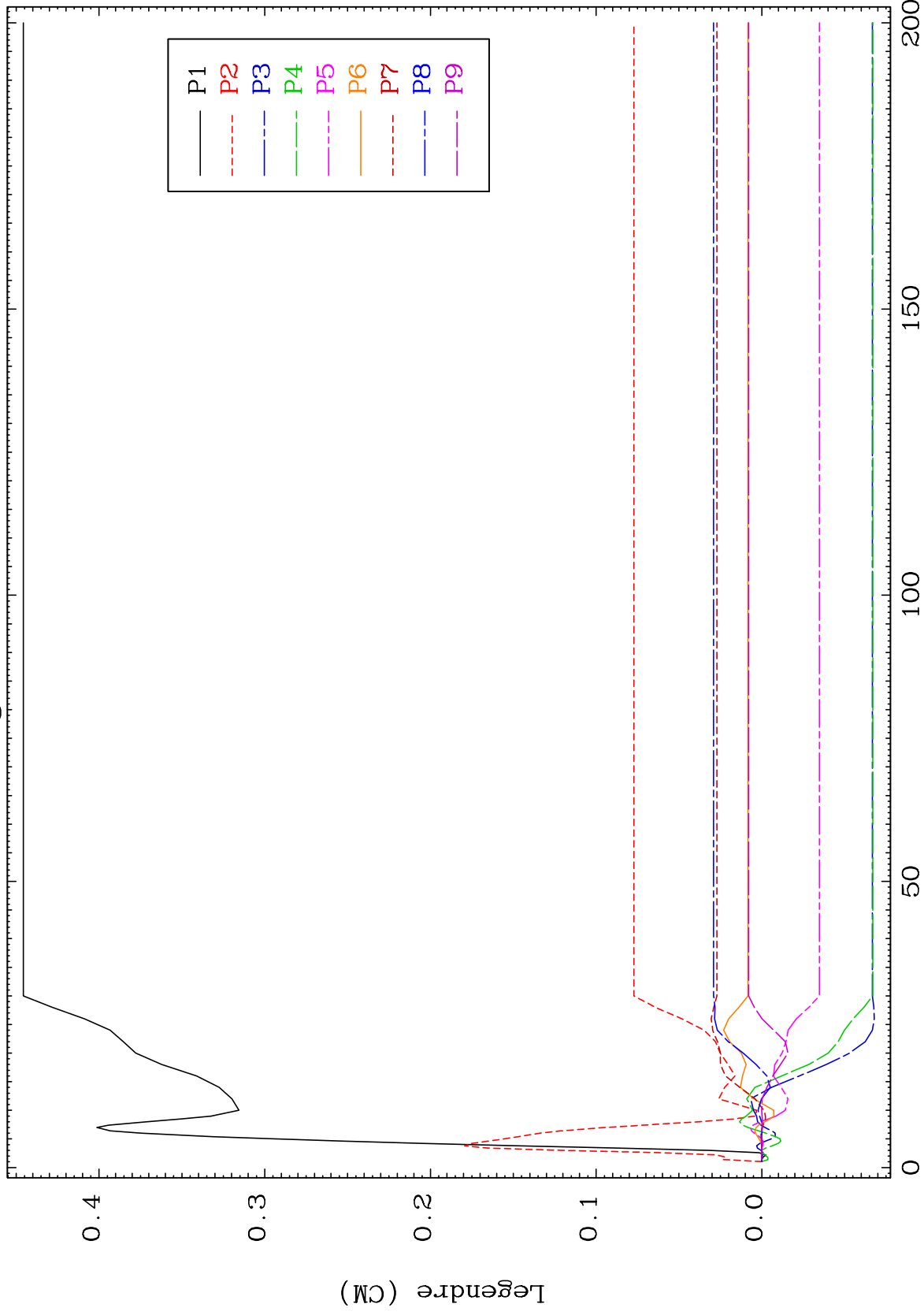
88-Ra-207



MAT 8777

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

88-Ra-207



106

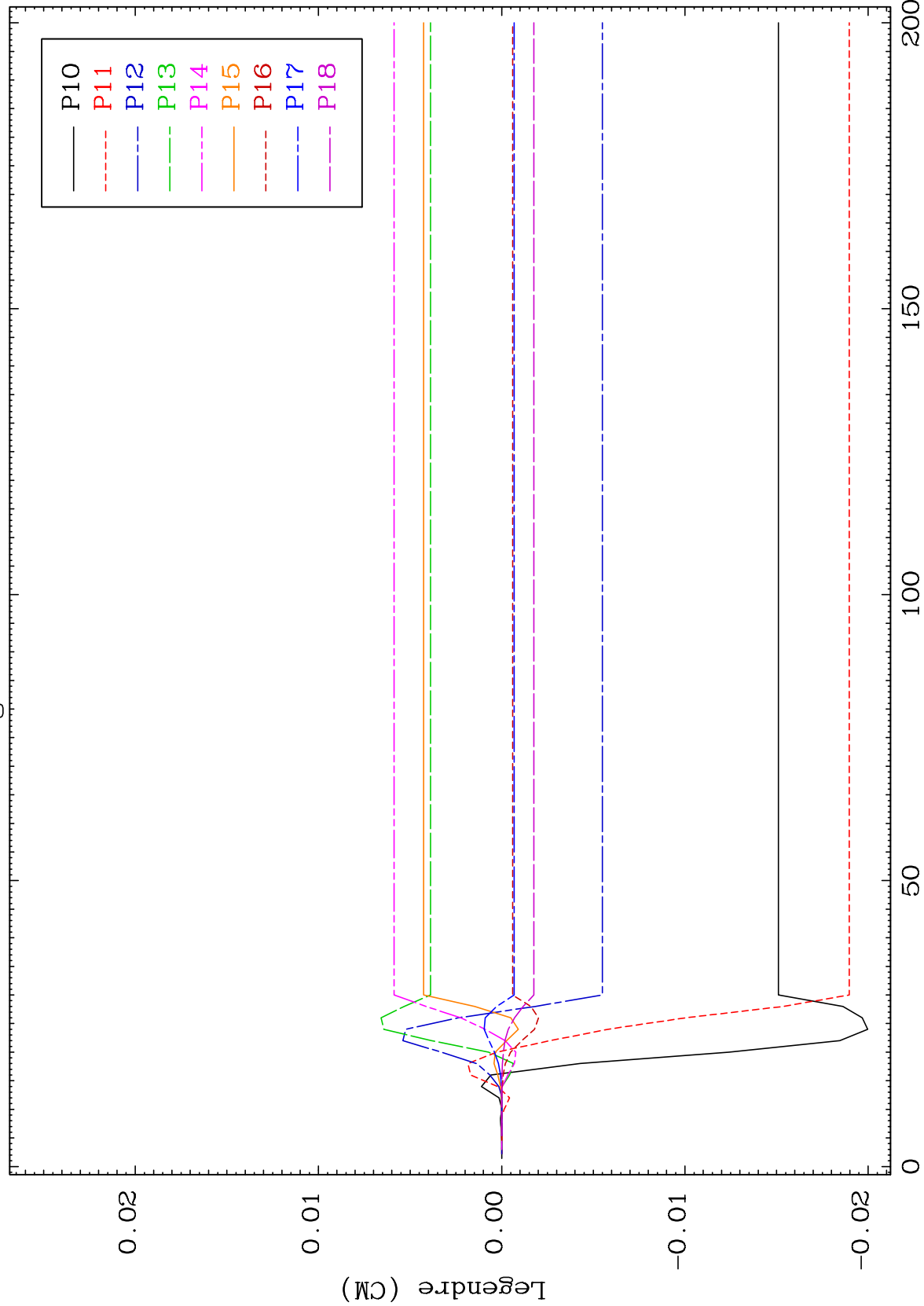
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



107

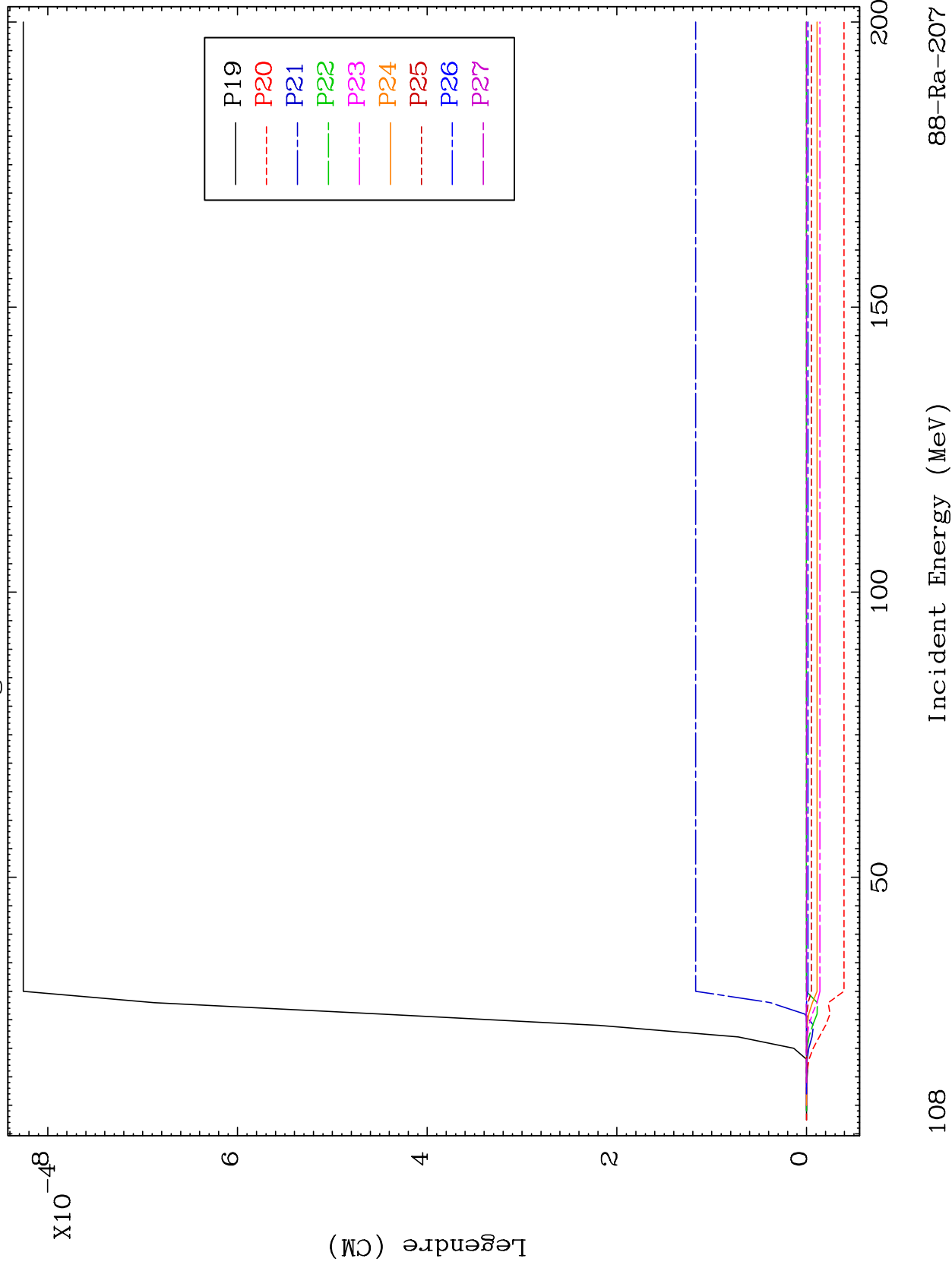
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

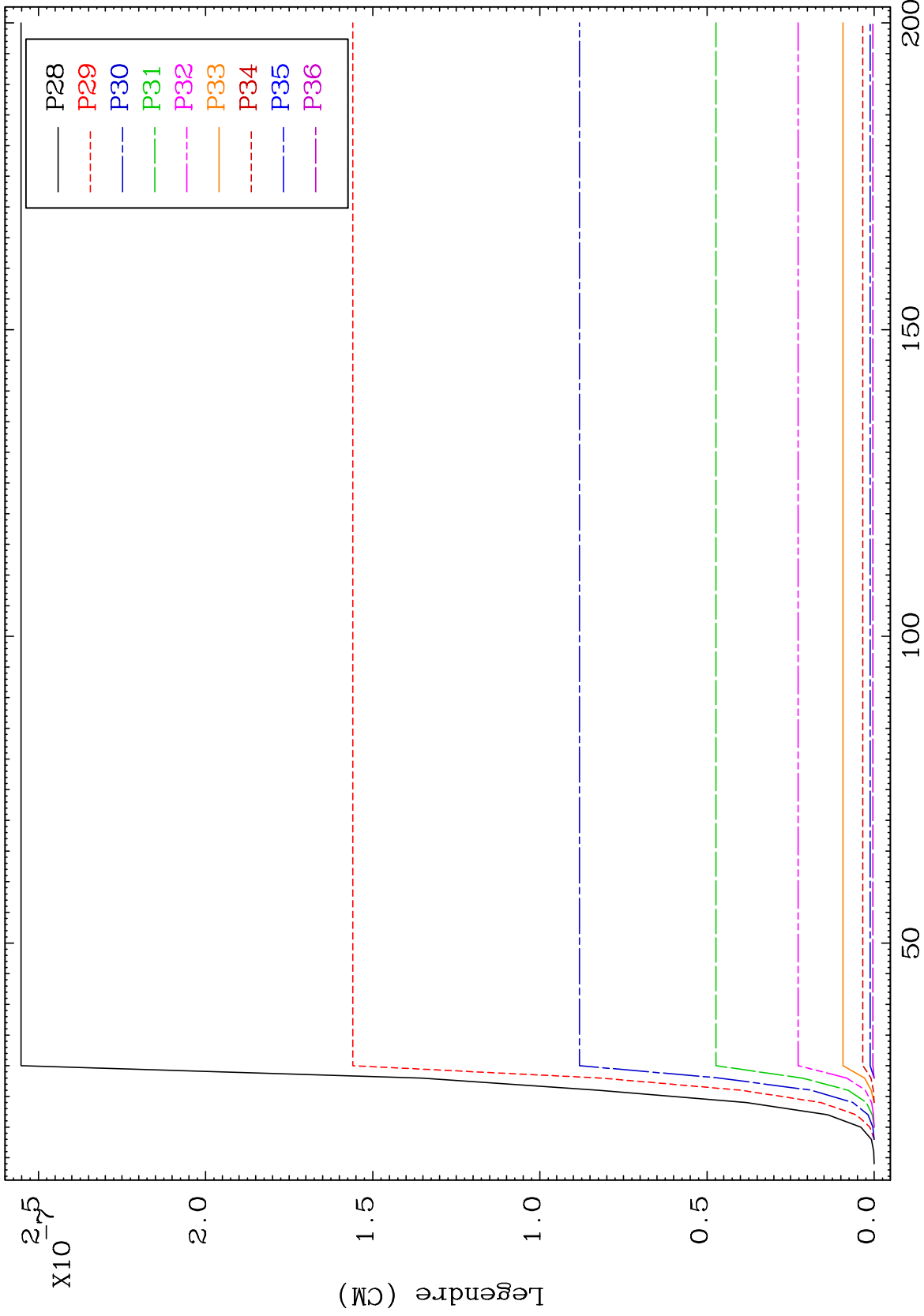
88-Ra-207



MAT 8777

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

88-Ra-207



109

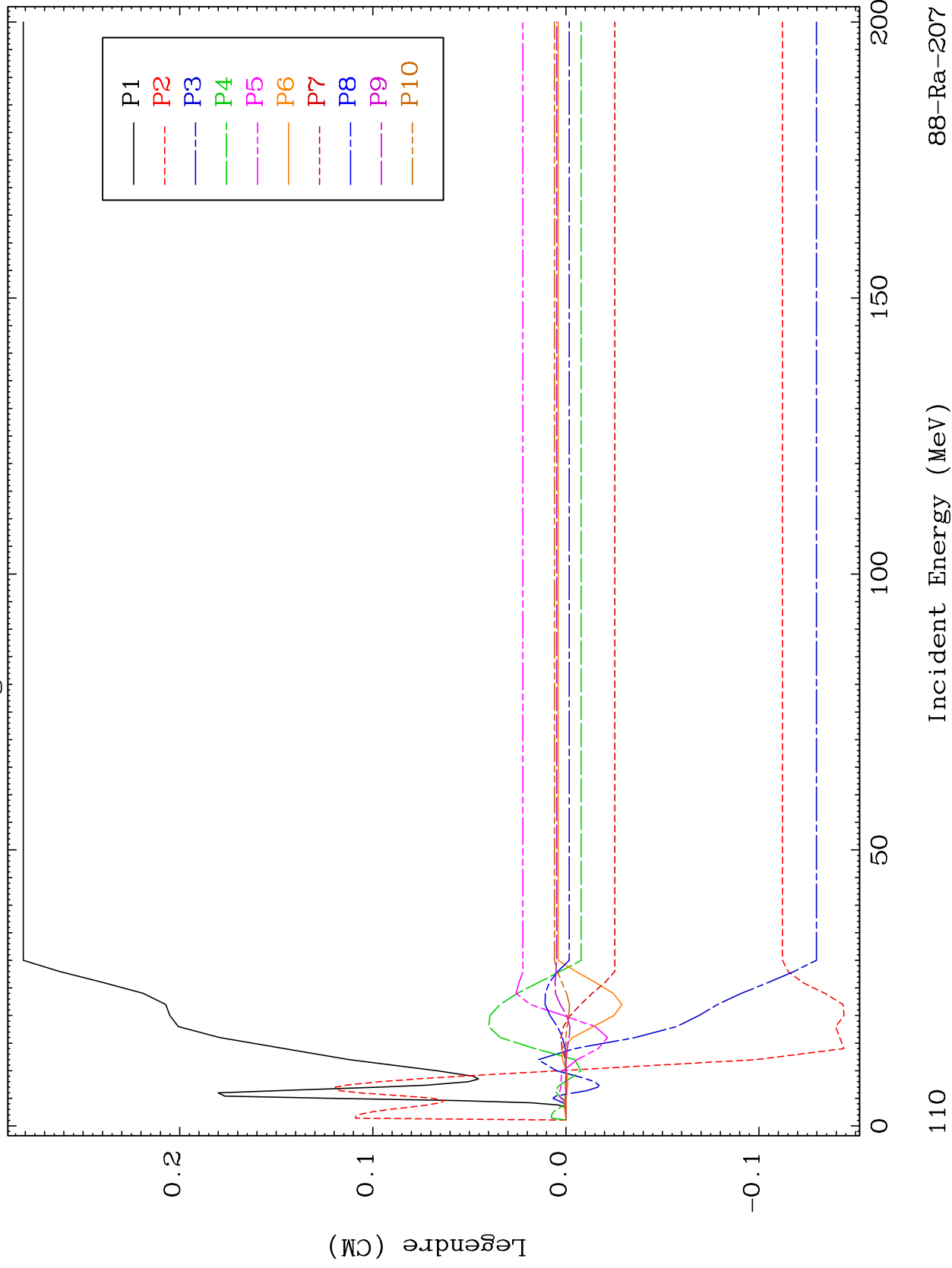
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



88-Ra-207

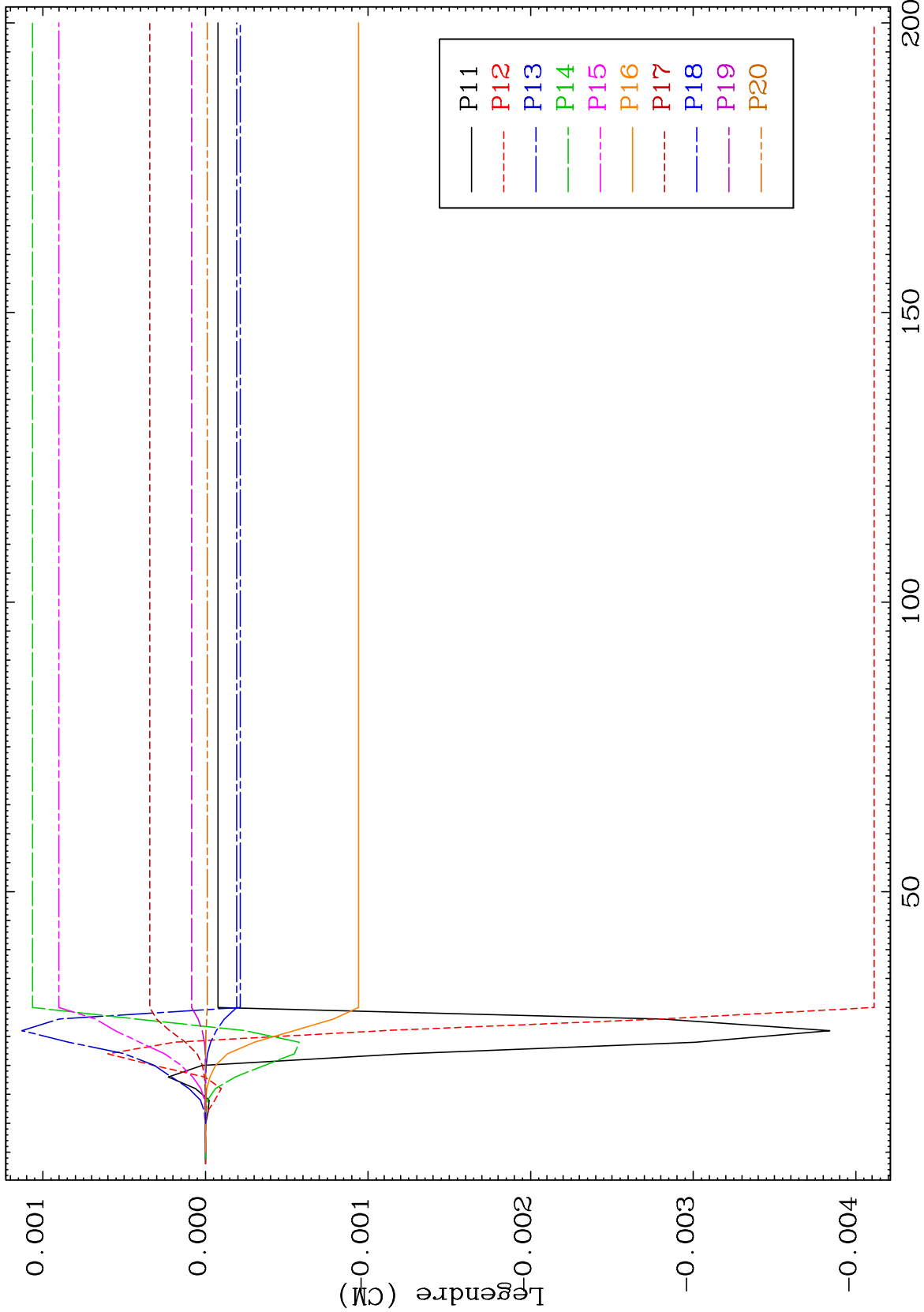
Incident Energy (MeV)

110

MAT 8777

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

88-Ra-207



111

Incident Energy (MeV)

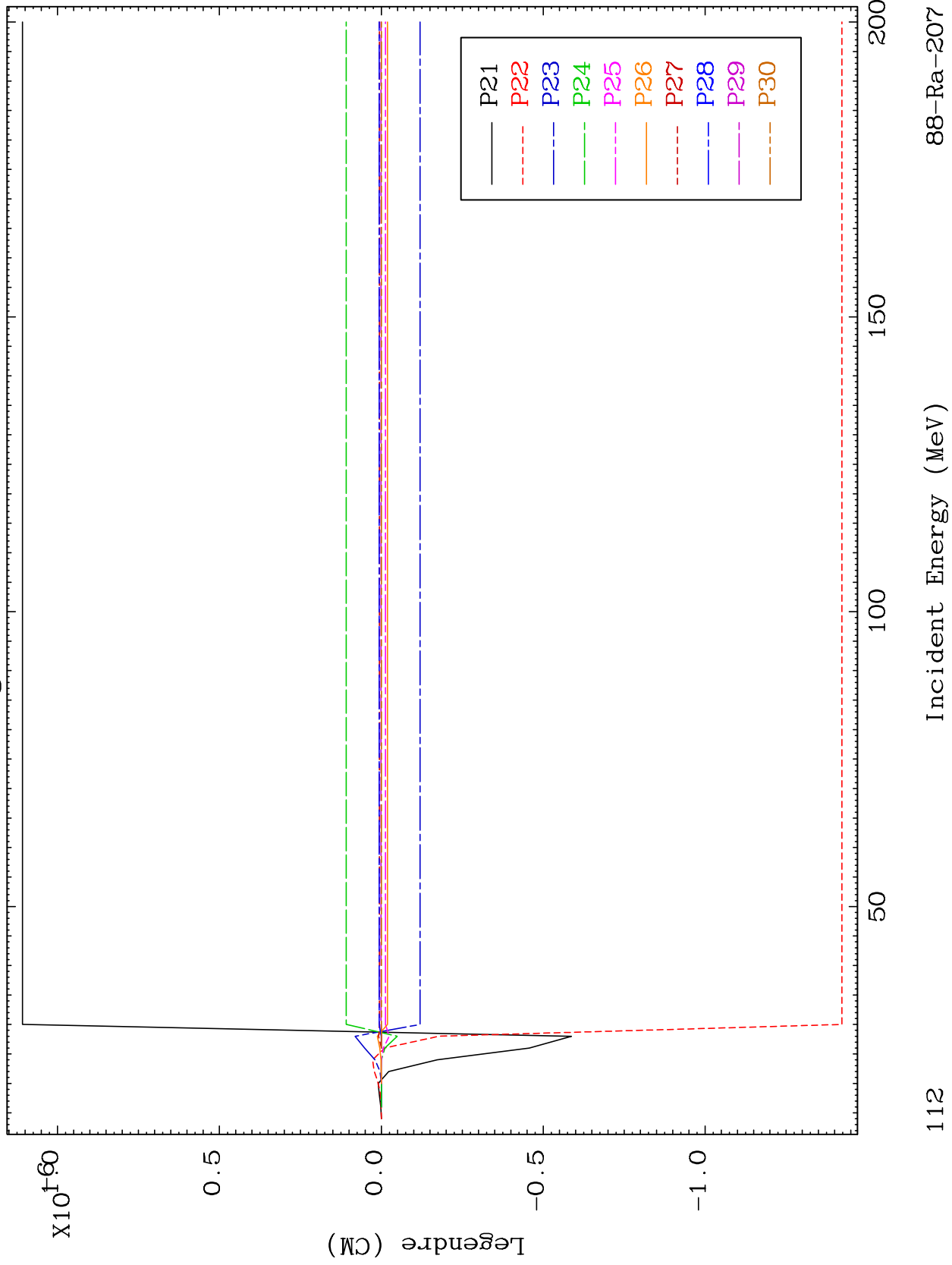
88-Ra-207



MAT 8777

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

88-Ra-207

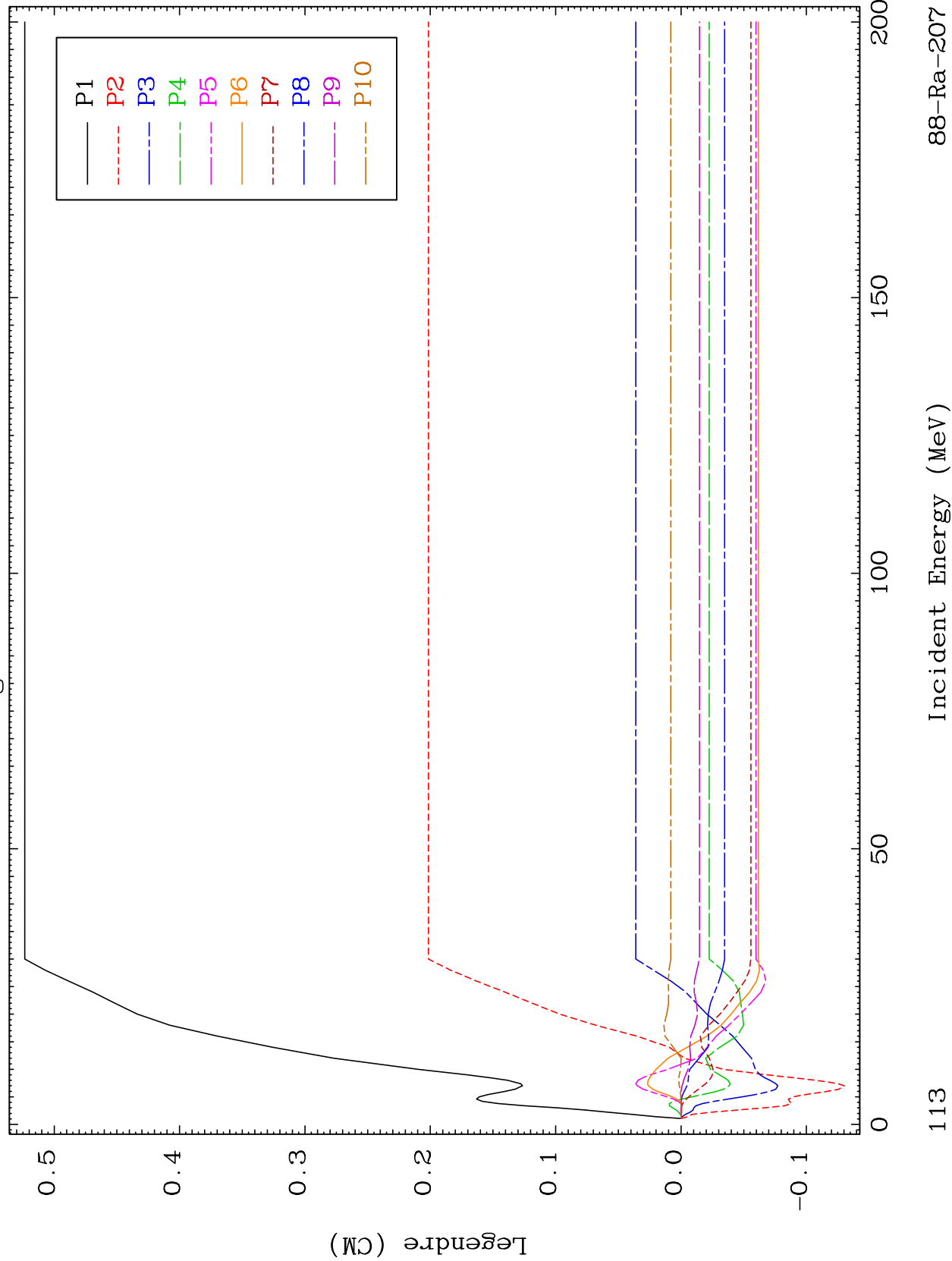


112

MAT 8777

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

88-Ra-207



113

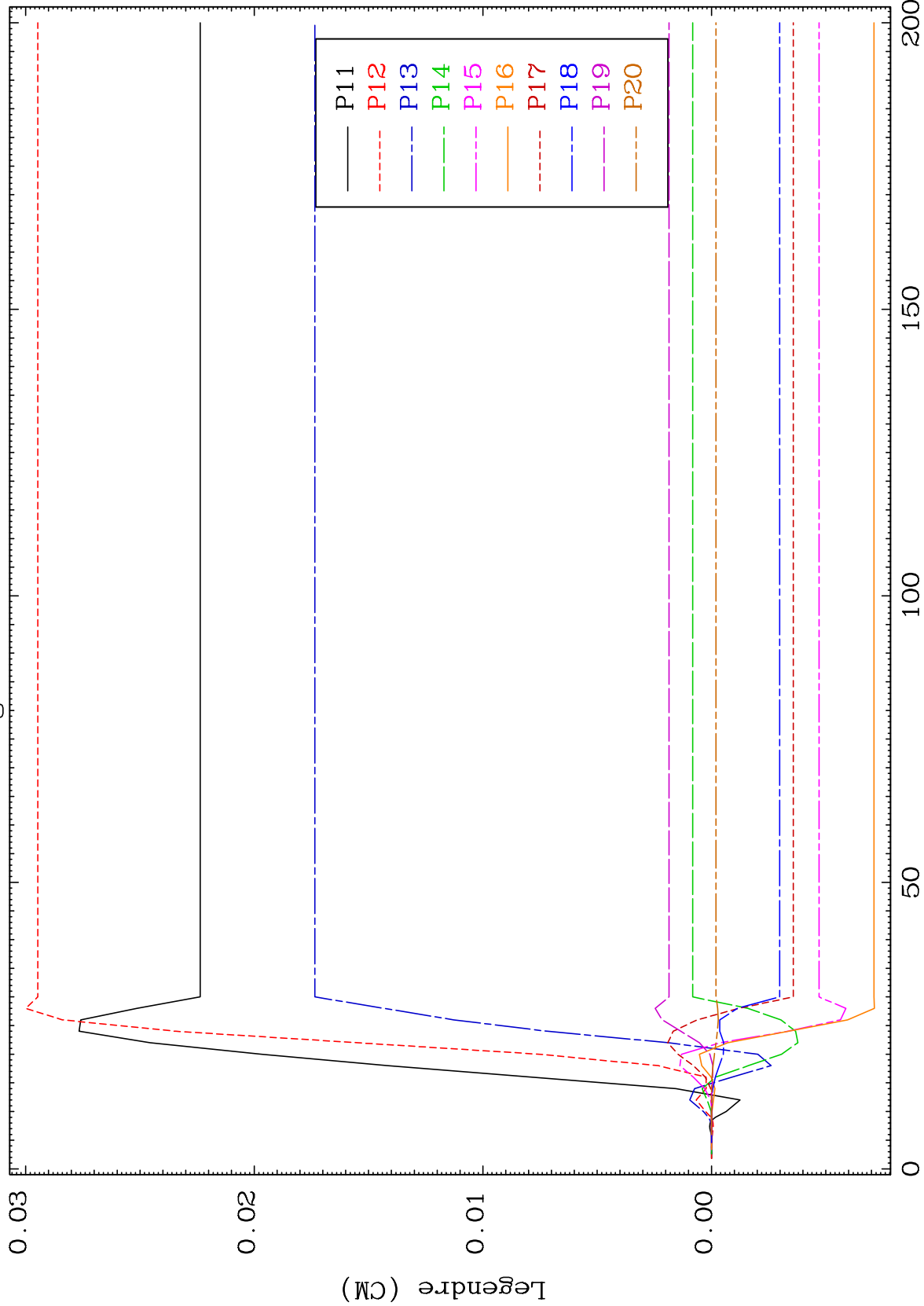
Incident Energy (MeV)

88-Ra-207

MAT 87777

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

88-Ra-207



114

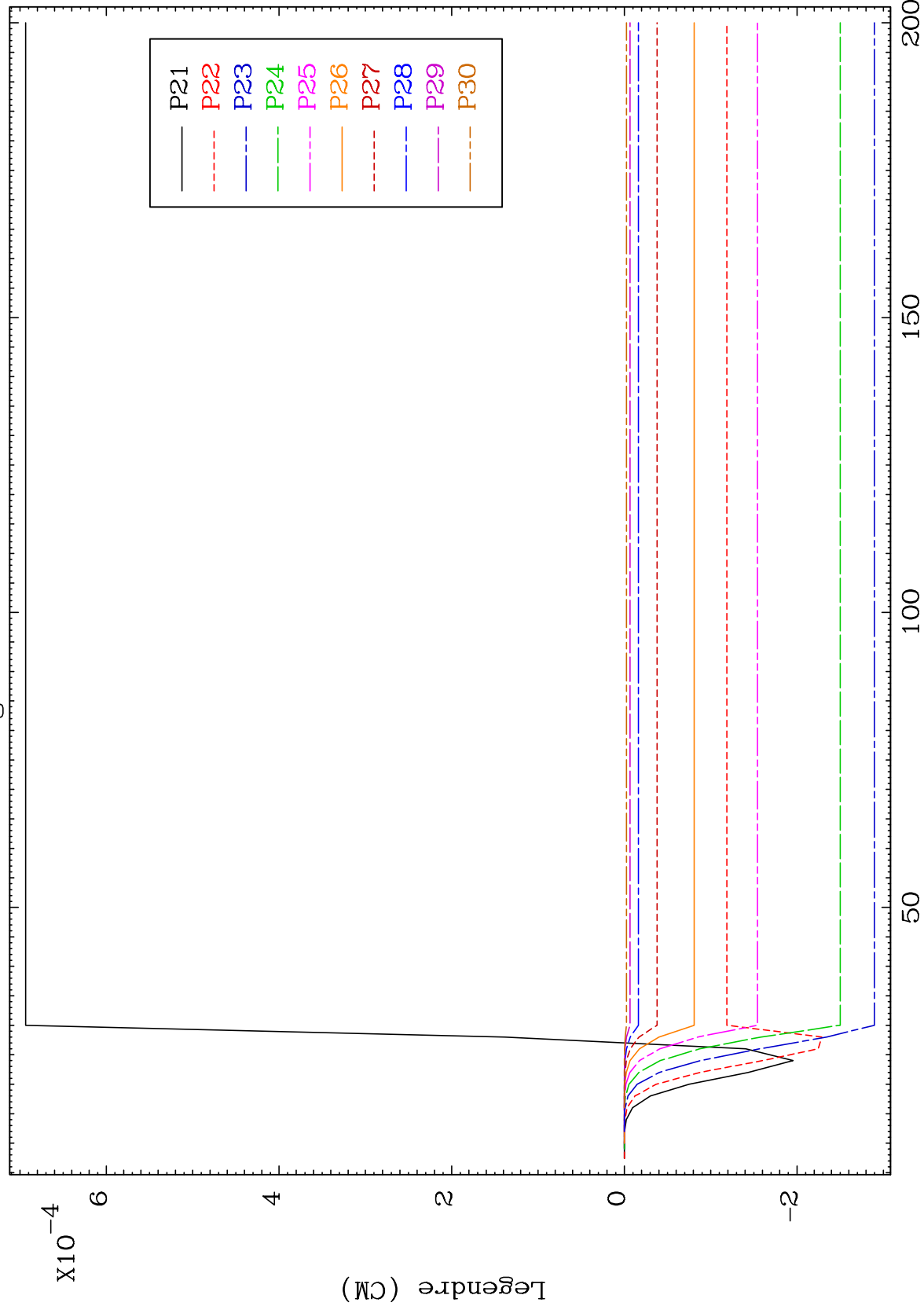
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

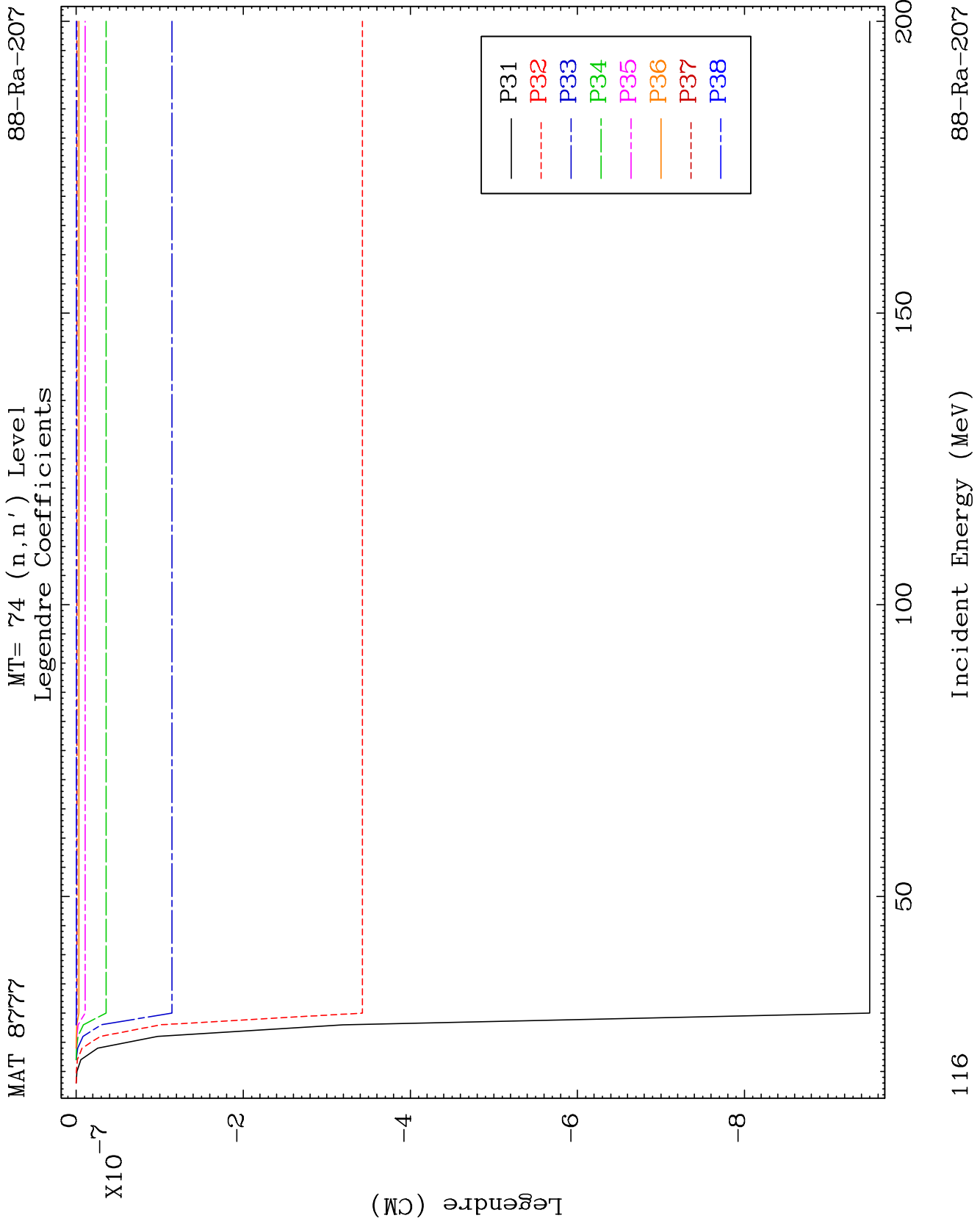
88-Ra-207



115

Incident Energy (MeV)

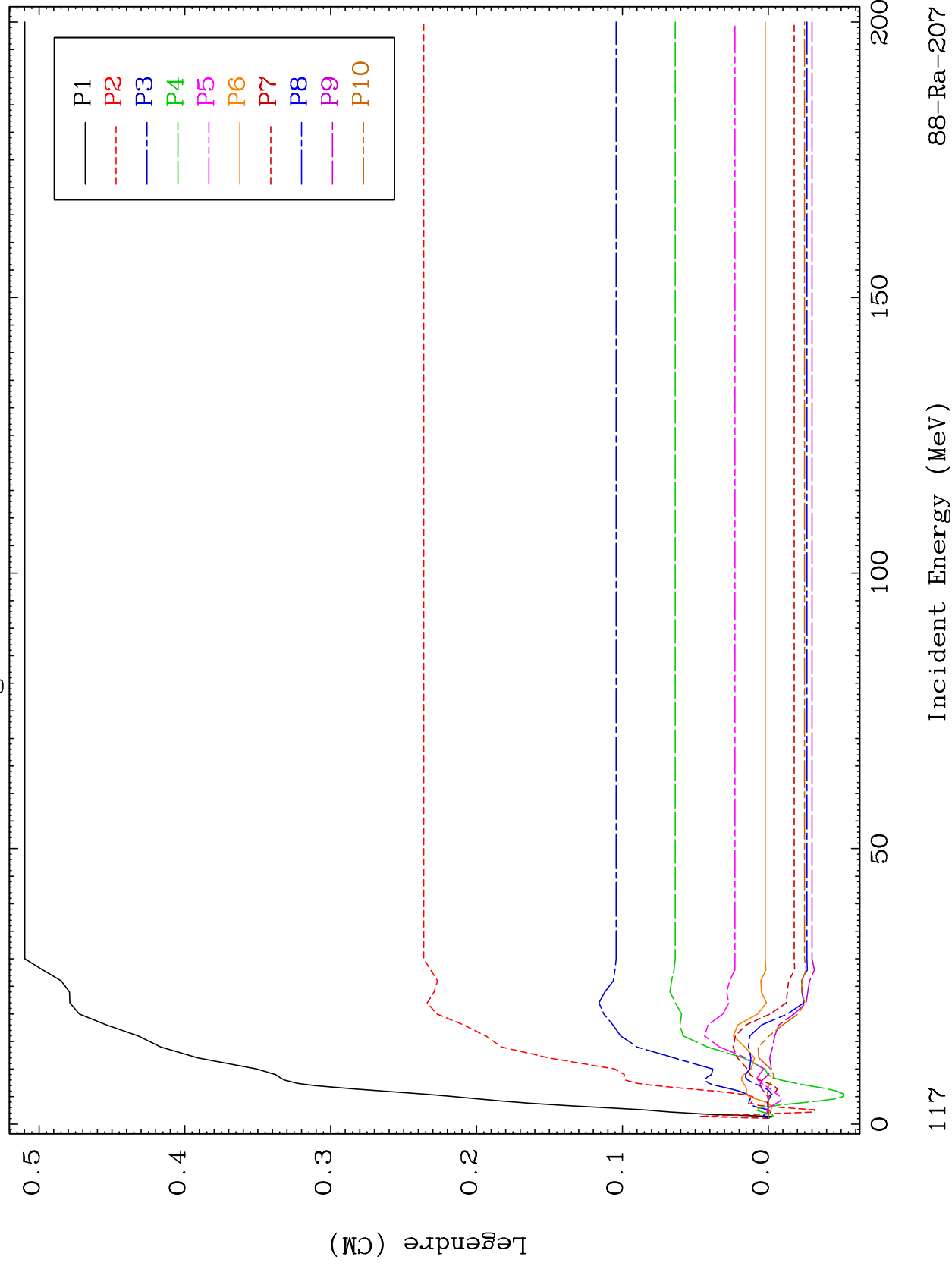
88-Ra-207



MAT 8777

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

88-Ra-207



117

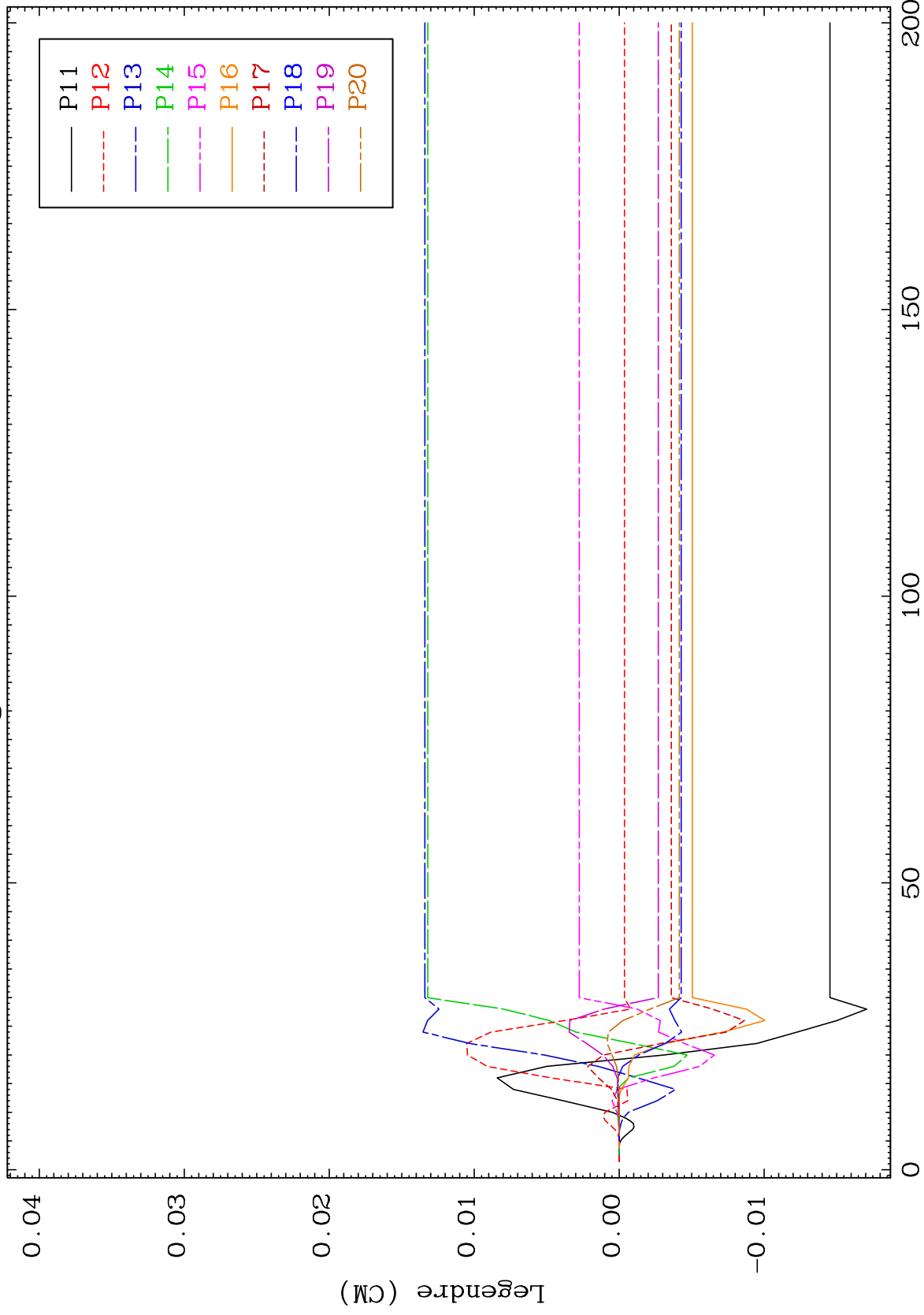
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



118

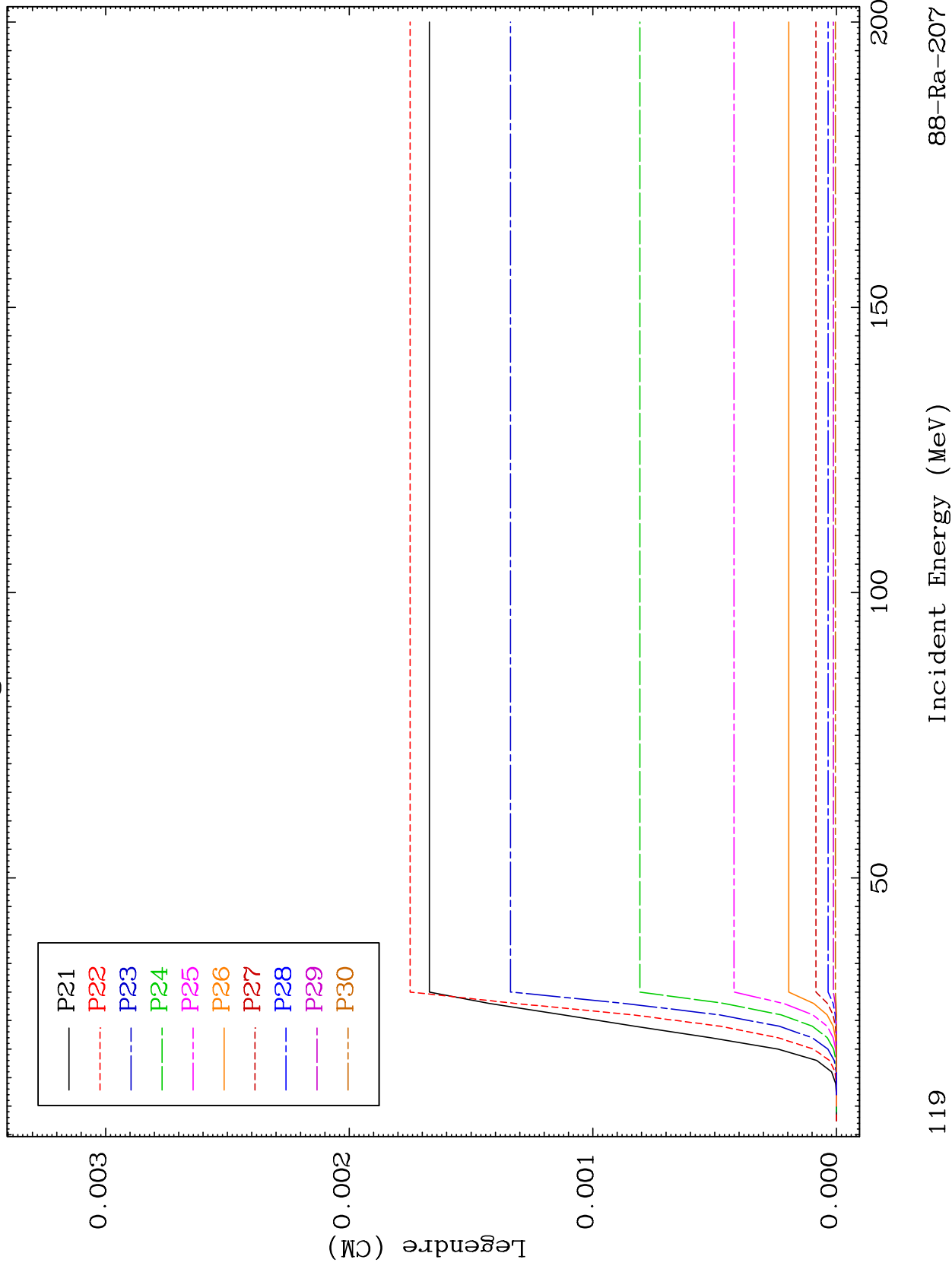
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

88-Ra-207



119

Incident Energy (MeV)

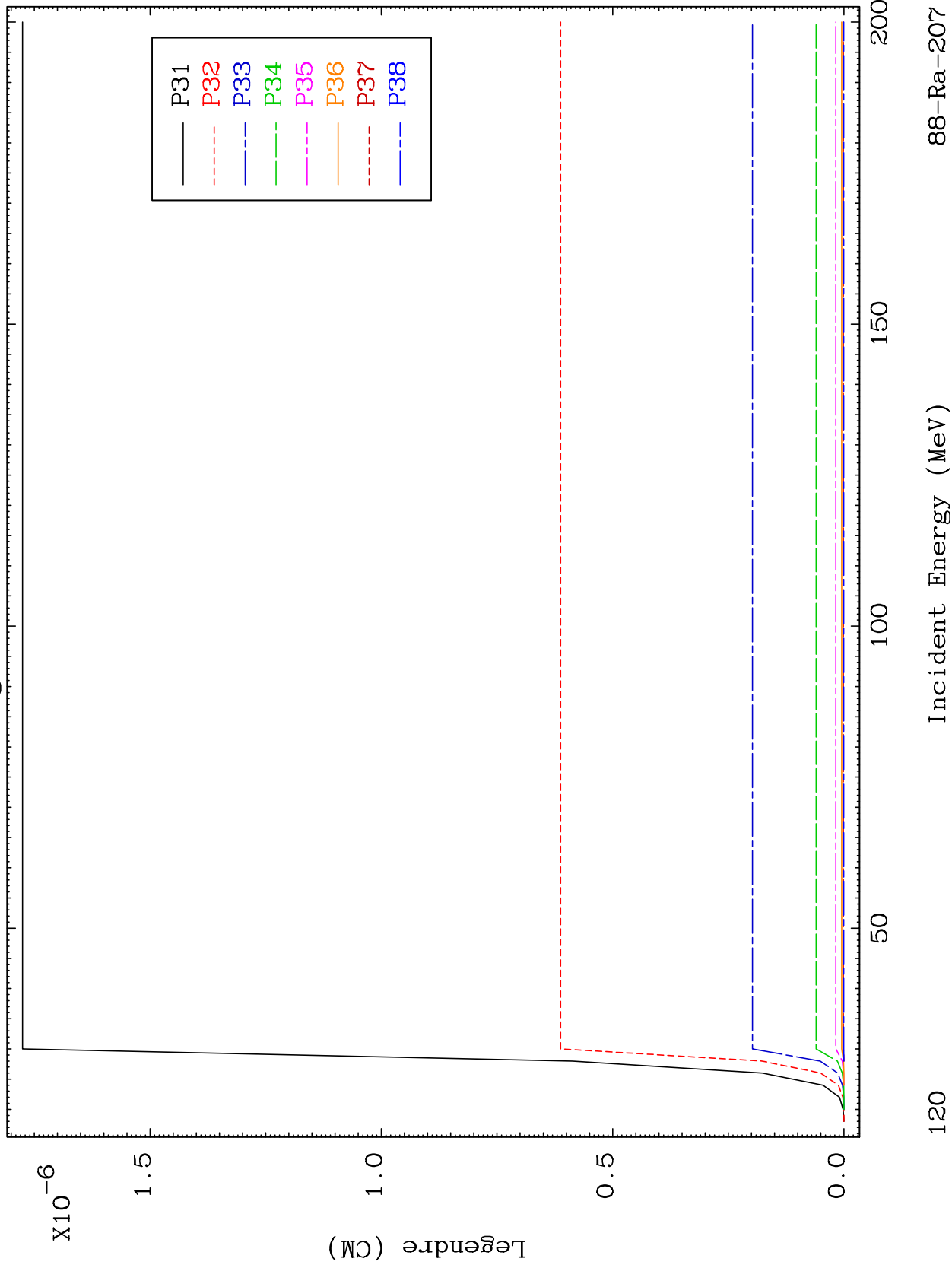
88-Ra-207



MAT 8777

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

88-Ra-207

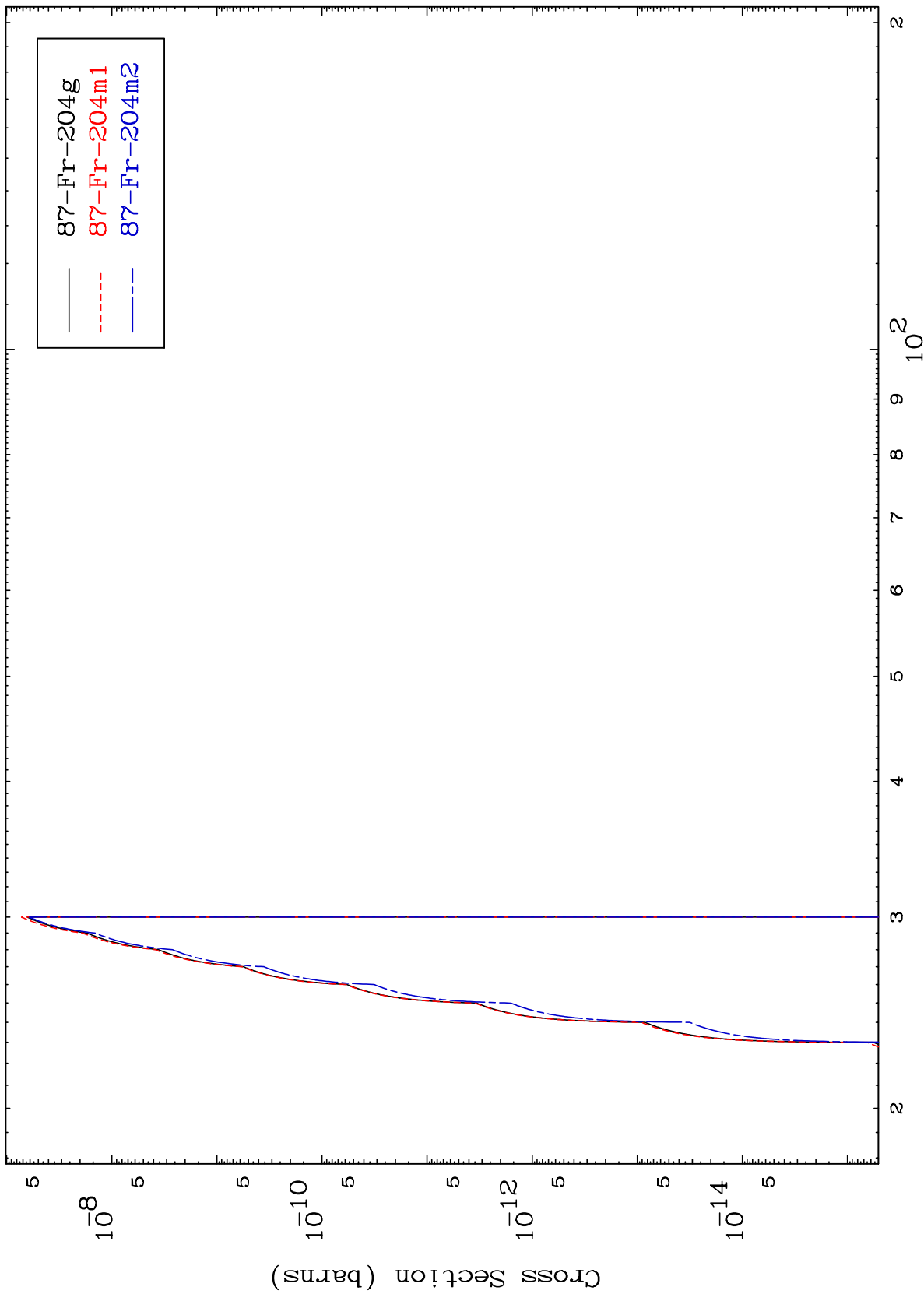


MAT 87777

(n,2n) d

88-Ra-207

Radionuclide Production Cross Section



121

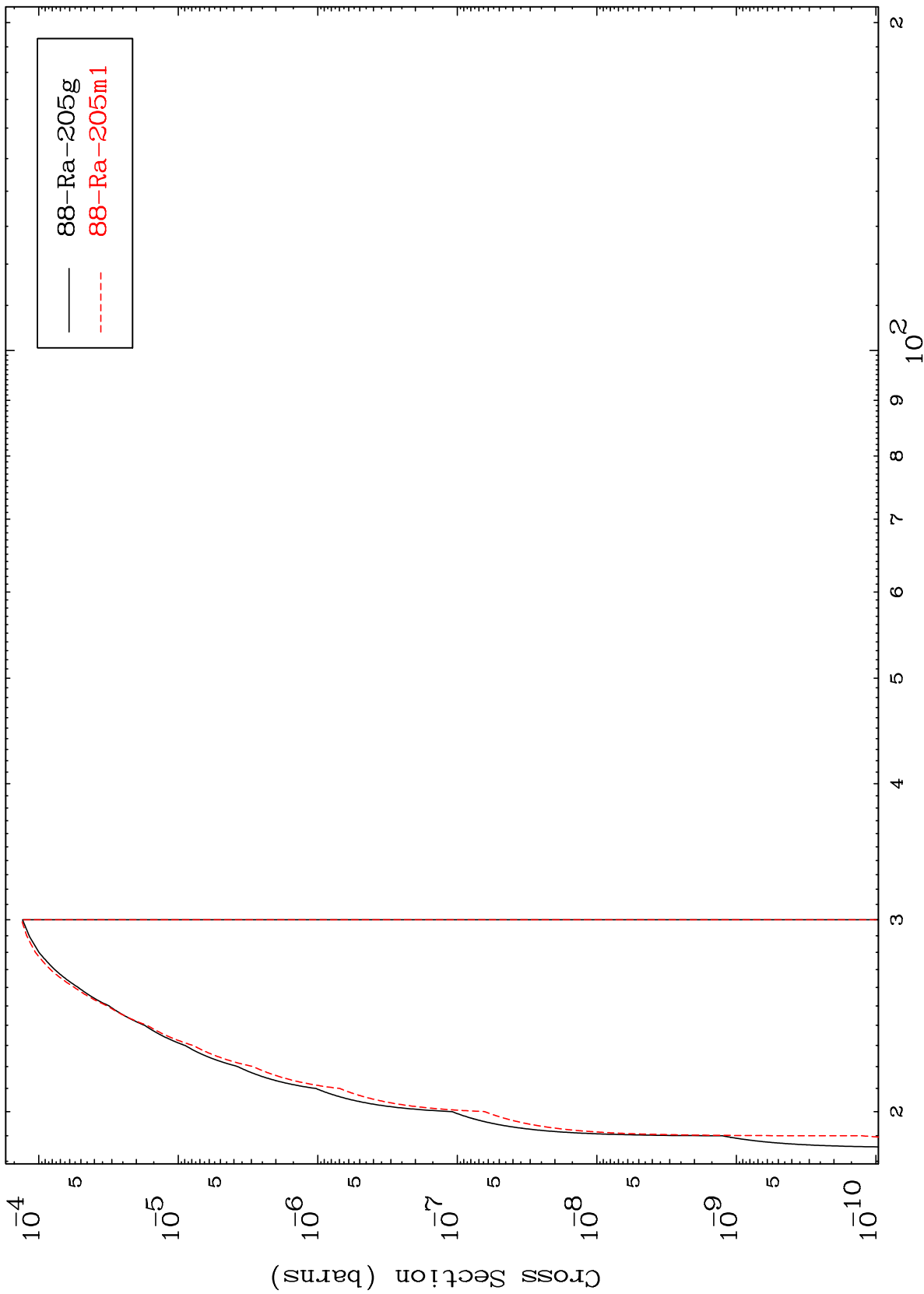
Incident Energy (MeV)

88-Ra-207

MAT 87777

88-Ra-207

(n,3n)  
Radionuclide Production Cross Section



88-Ra-207

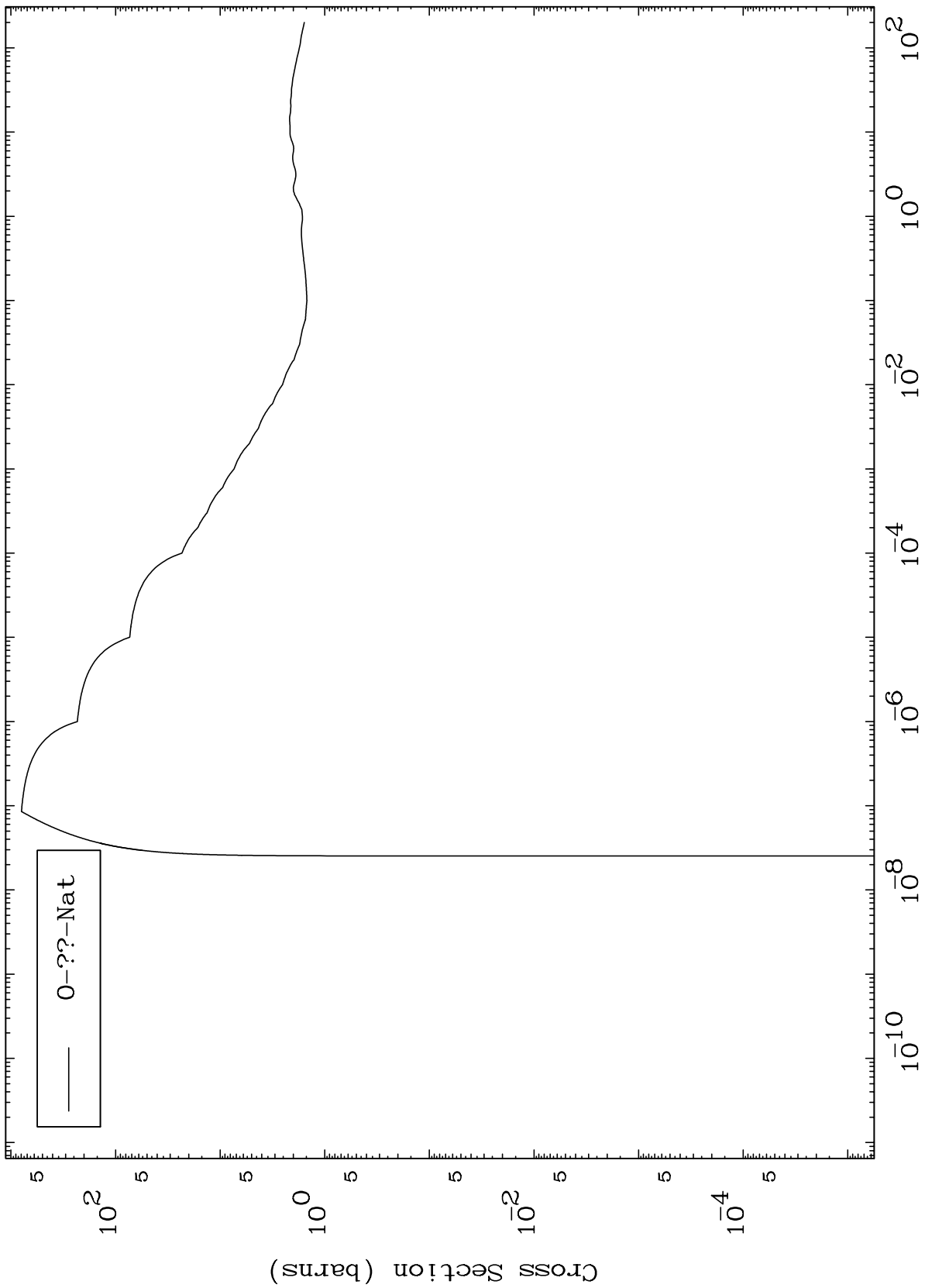
Incident Energy (MeV)

122

MAT 8777

88-Ra-207

Fission  
Radionuclide Production Cross Section

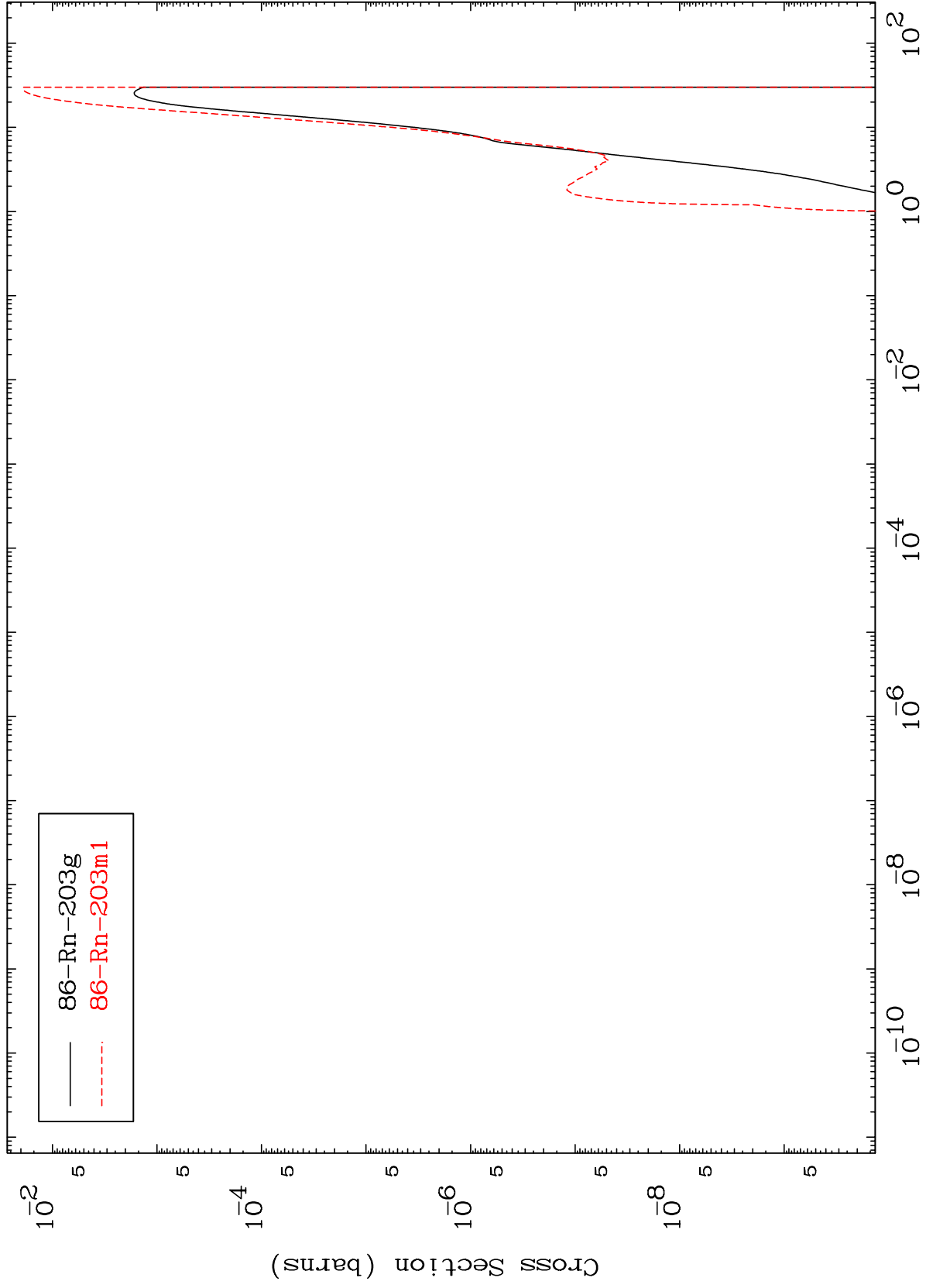


MAT 8777

$(n, n') \alpha$

88-Ra-207

Radionuclide Production Cross Section

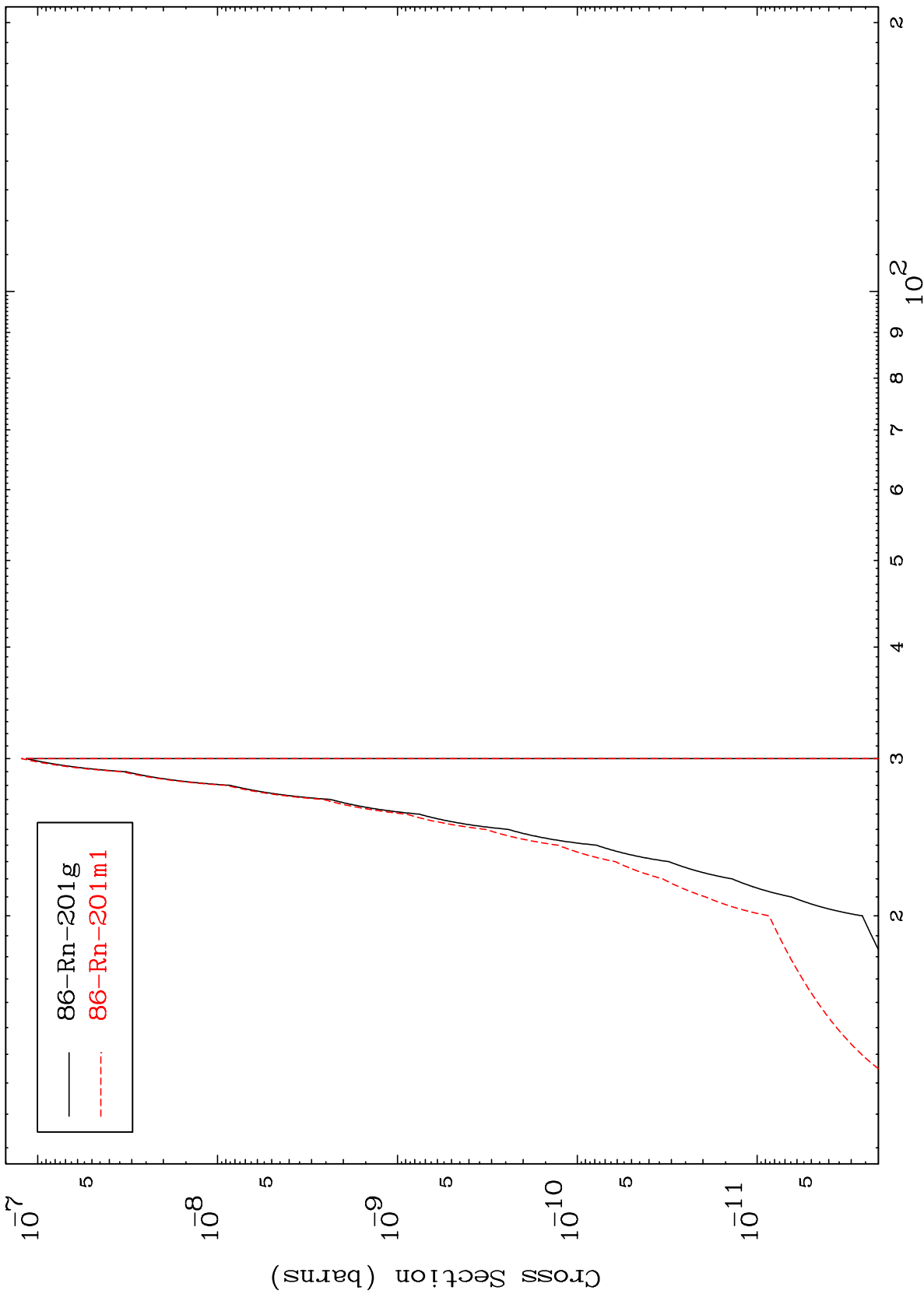


124

Incident Energy (MeV)

88-Ra-207

Radionuclide Production Cross Section

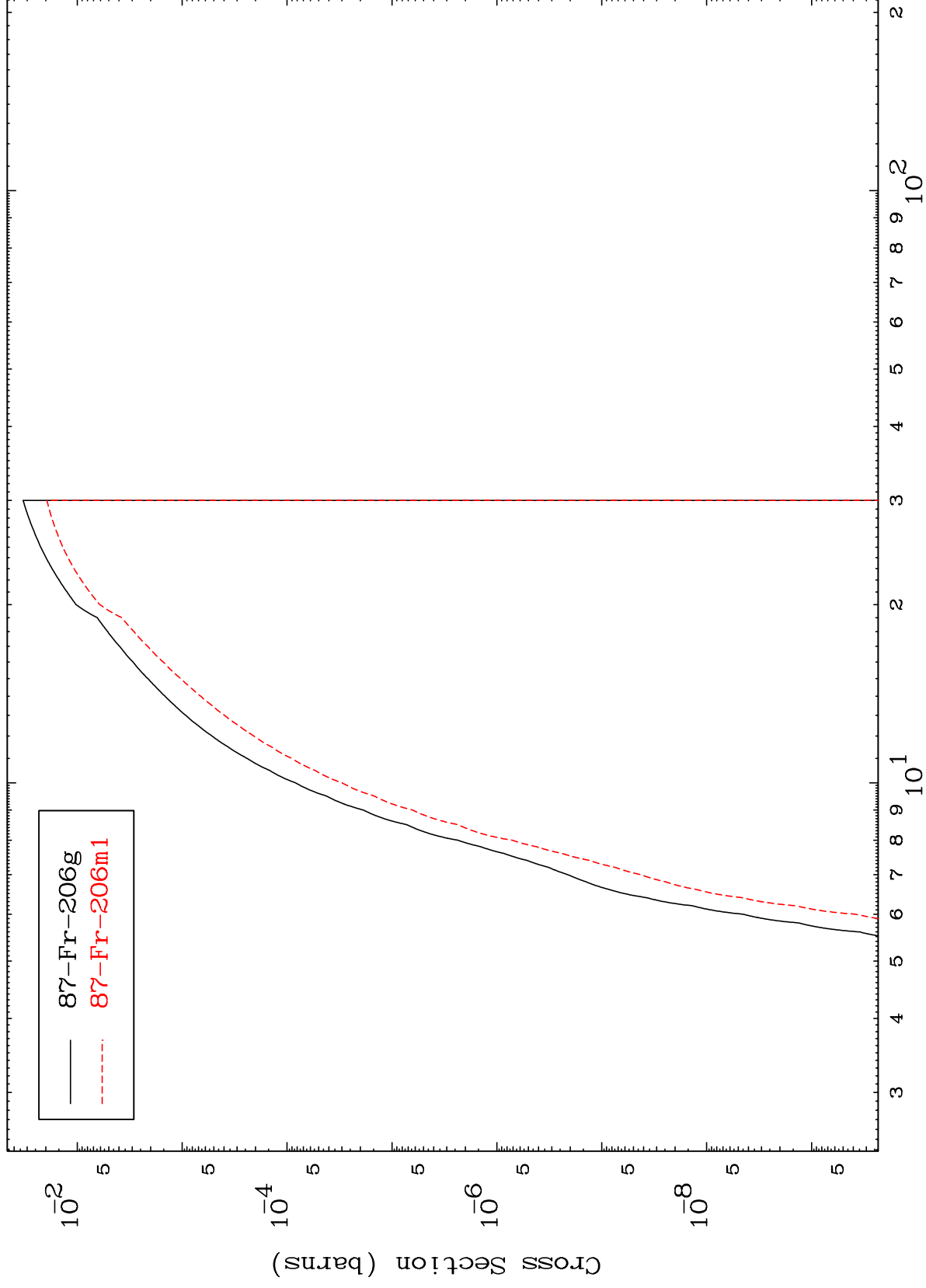


MAT 87777

(n,n') p

88-Ra-207

Radionuclide Production Cross Section



126

Incident Energy (MeV)

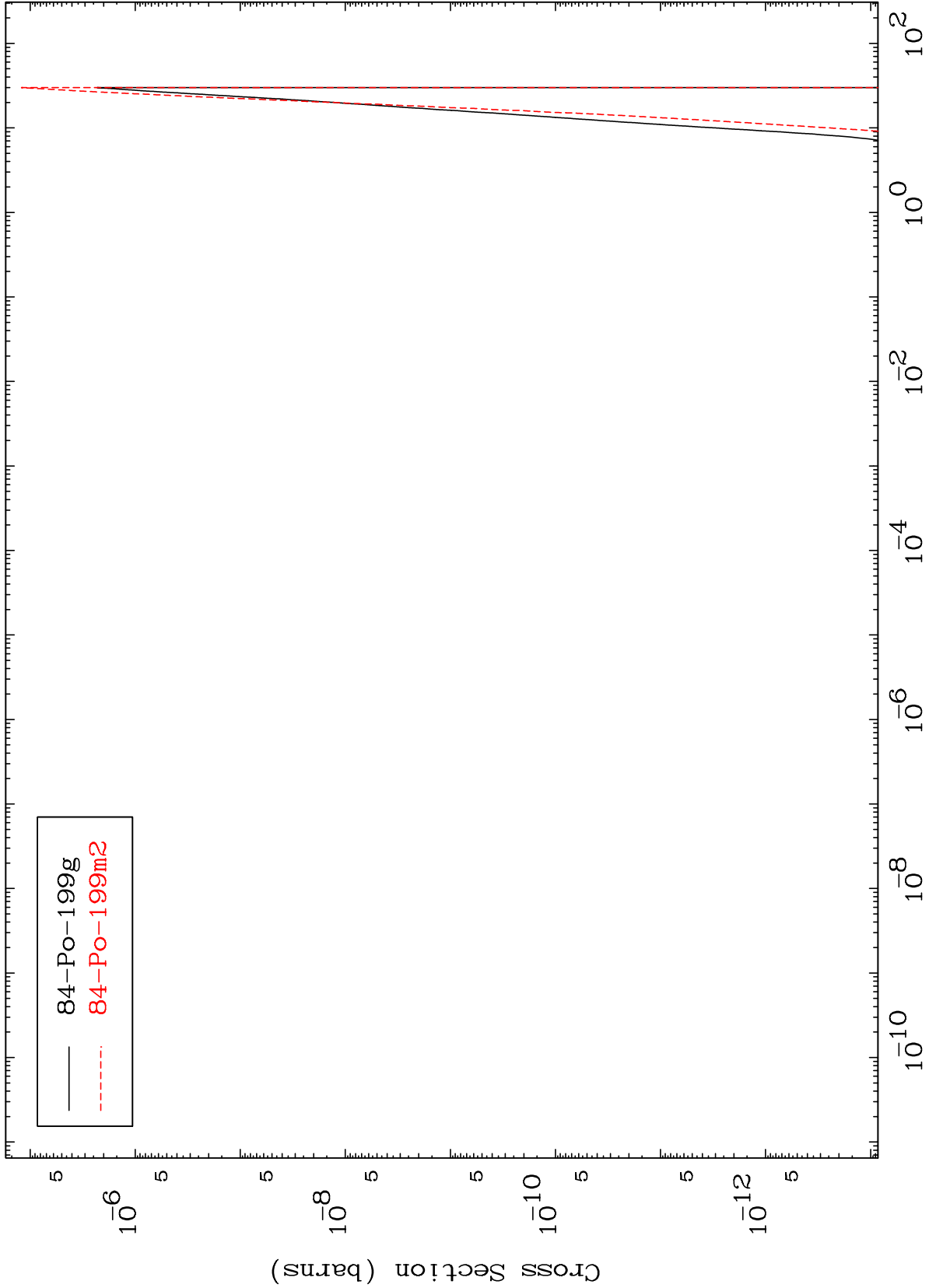
88-Ra-207

MAT 8777

(n,n')  $2\alpha$

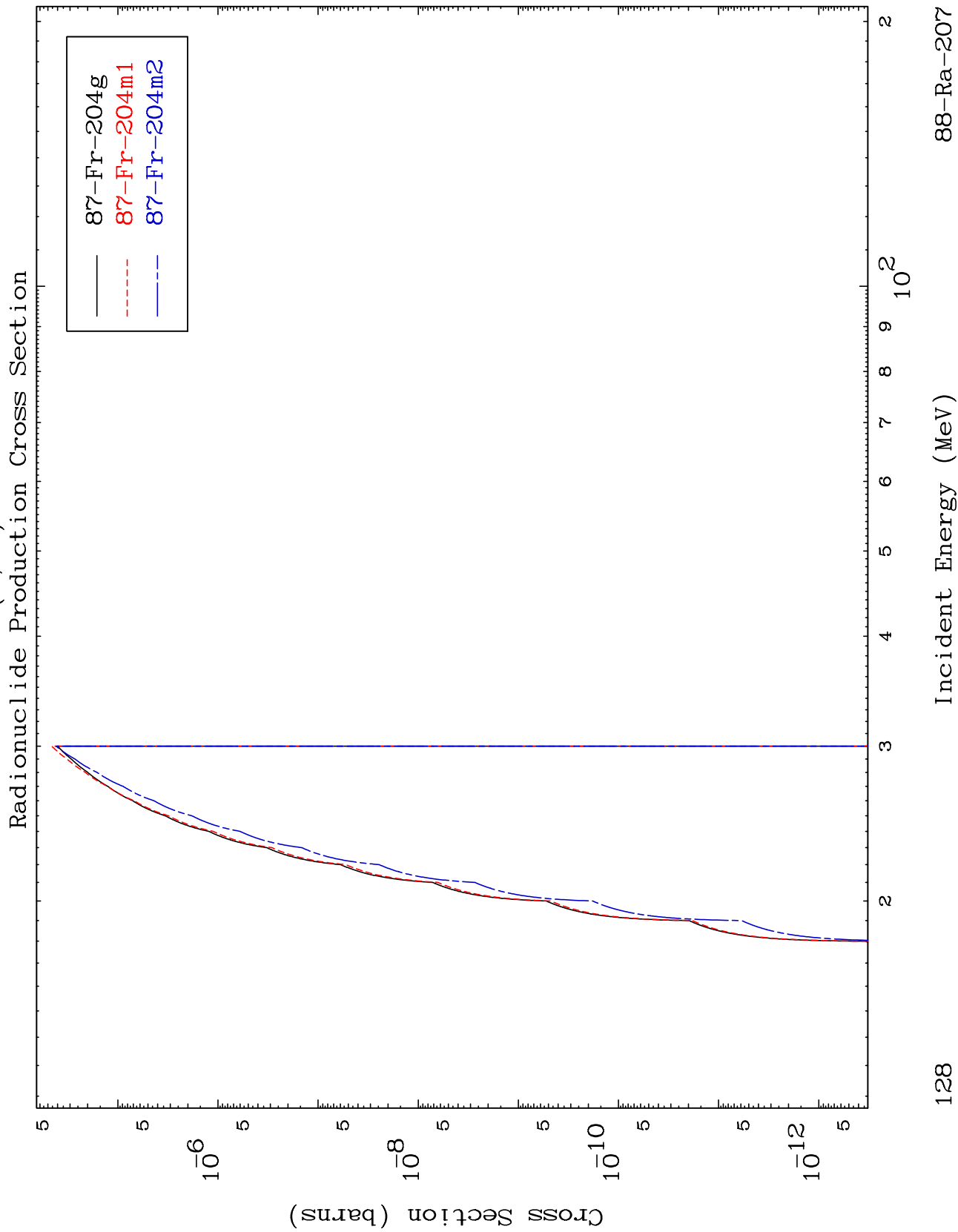
88-Ra-207

Radionuclide Production Cross Section

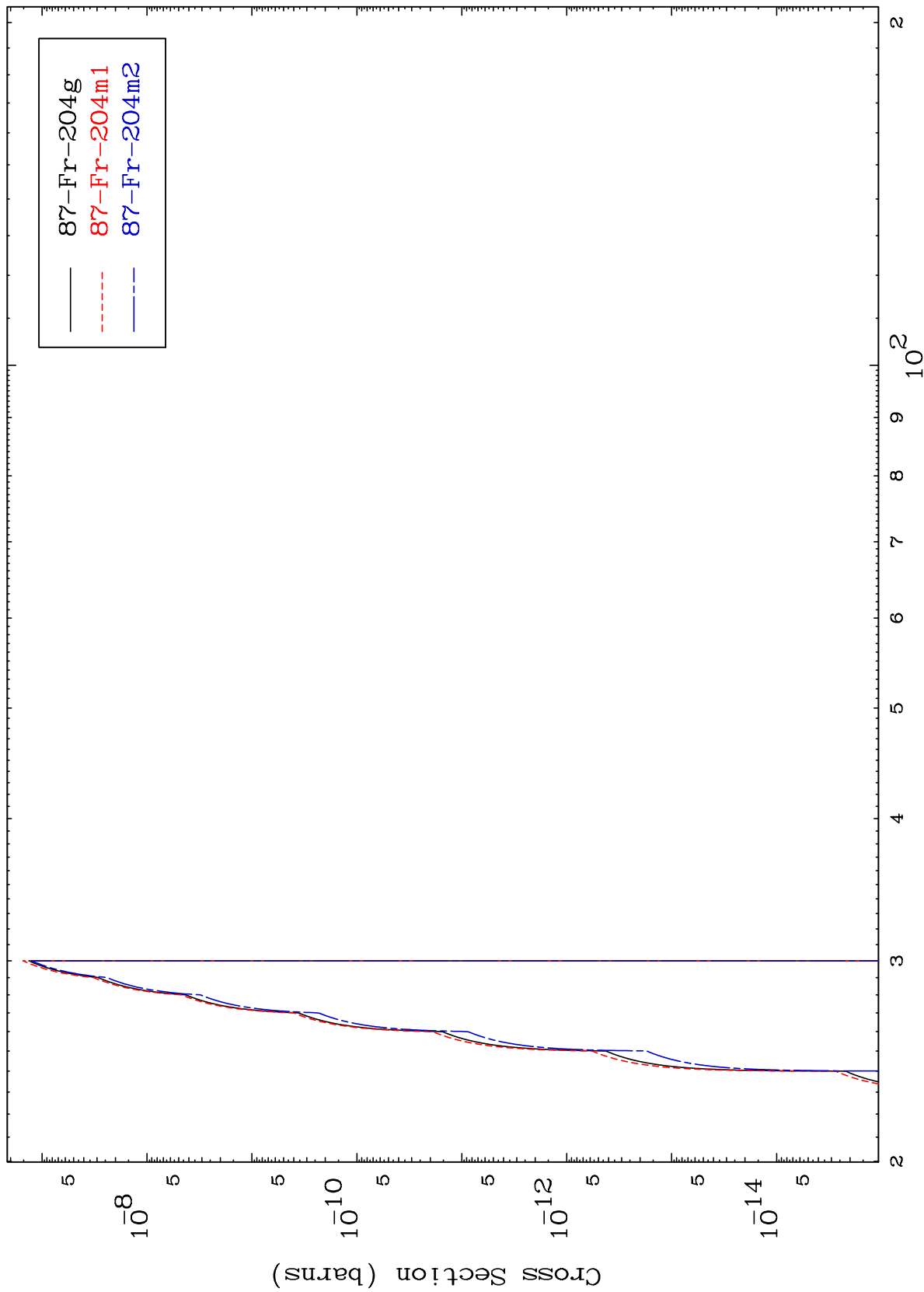


84-Po-199g  
84-Po-199m2





Radionuclide Production Cross Section

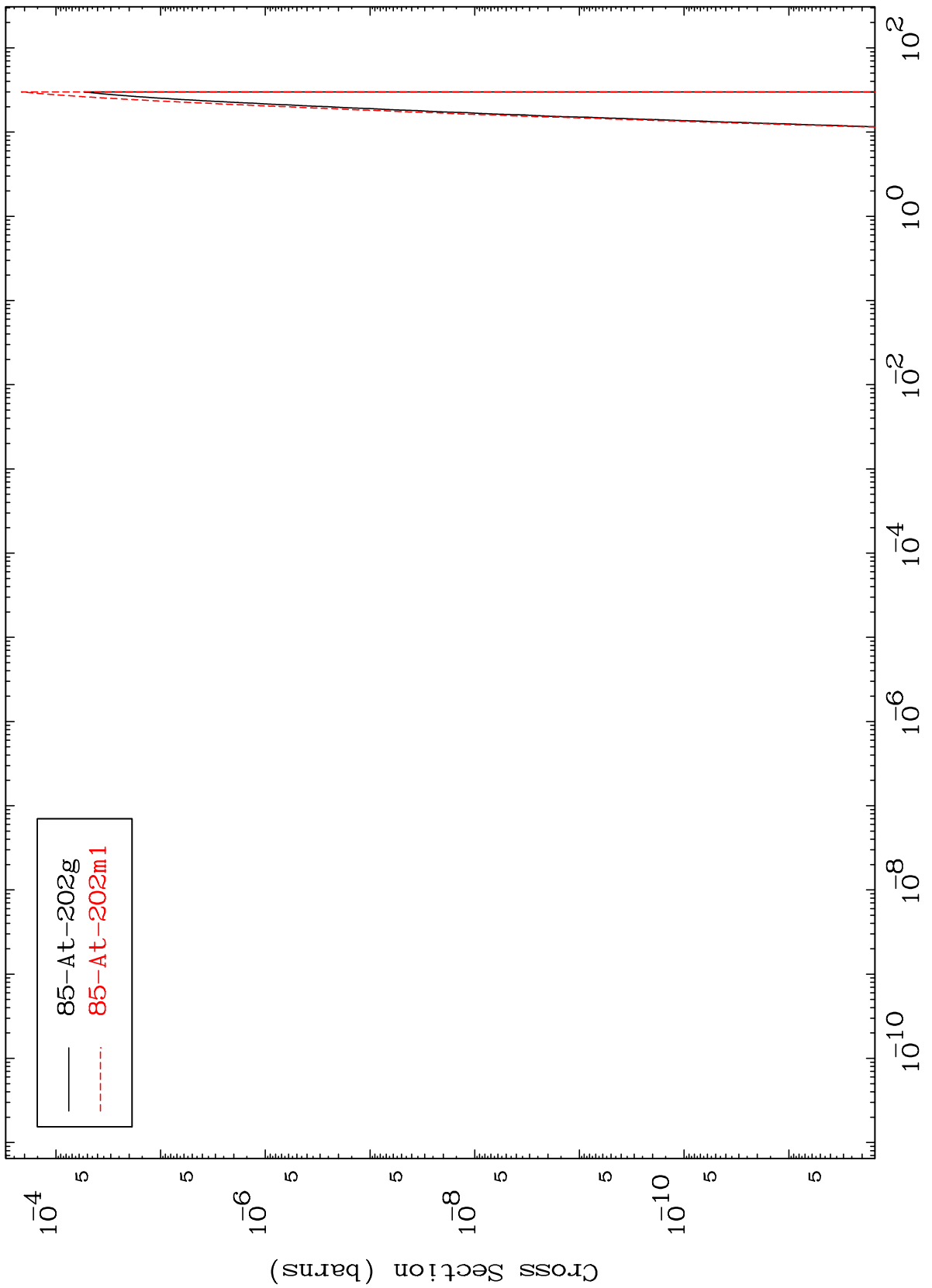


MAT 8777

(n,n') p  $\alpha$

88-Ra-207

Radionuclide Production Cross Section



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

130

Incident Energy (MeV)

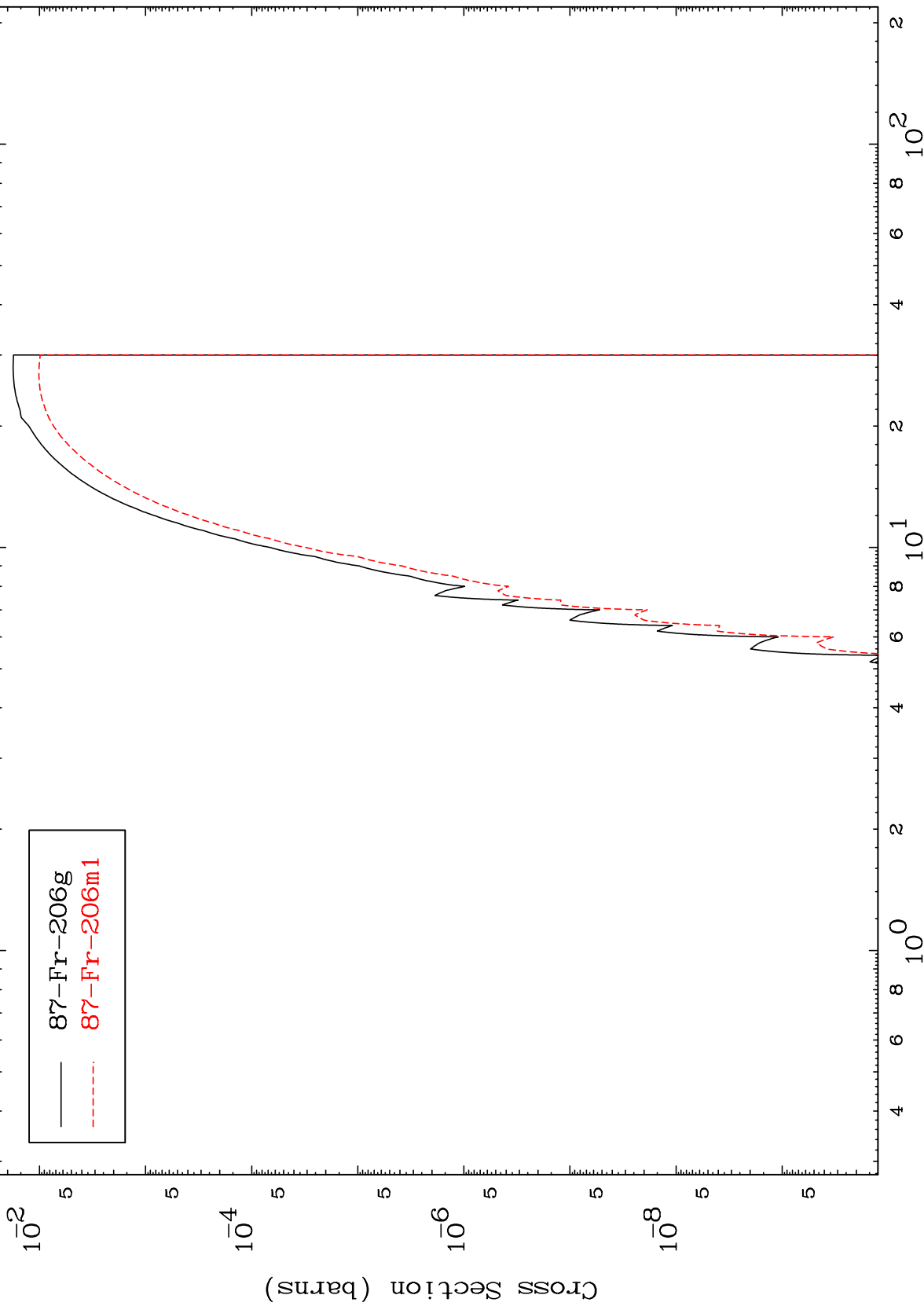
88-Ra-207

MAT 87777

(n,d)

88-Ra-207

Radionuclide Production Cross Section



131

Incident Energy (MeV)

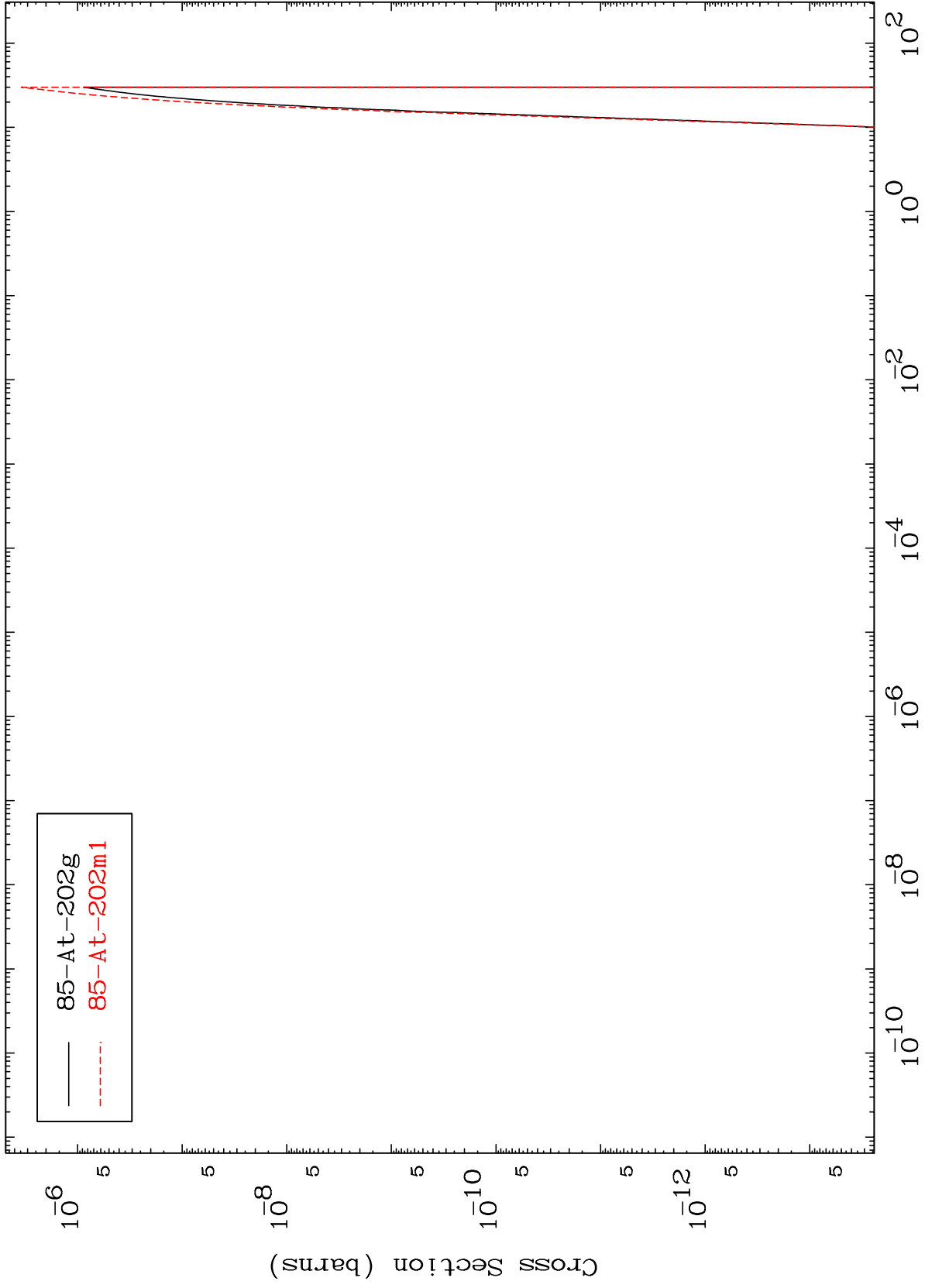
88-Ra-207

MAT 8777

(n,d)  $\alpha$

88-Ra-207

Radionuclide Production Cross Section



132

Incident Energy (MeV)

88-Ra-207