

Program EVALPLOT  
(Version 2021-1)

by

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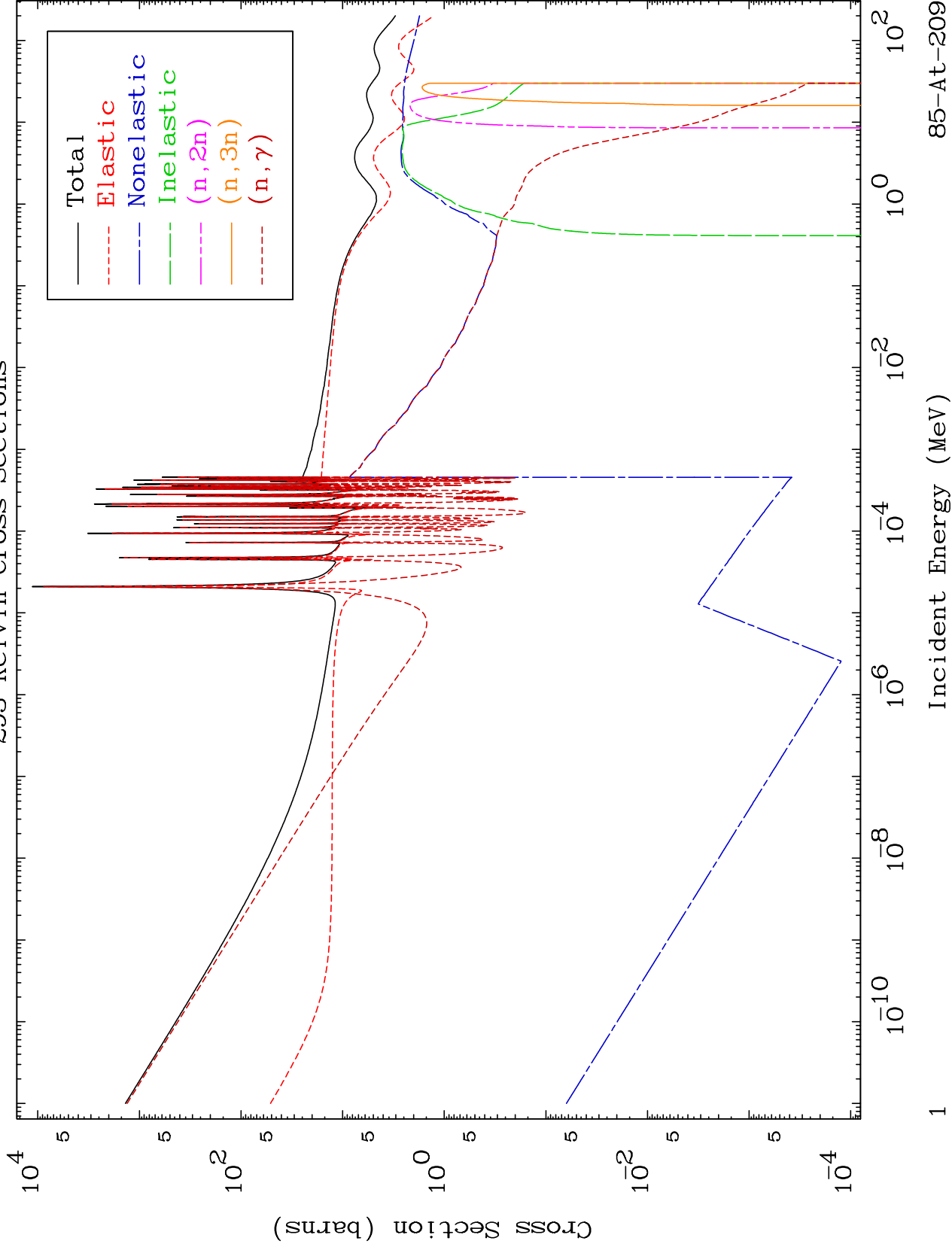
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Press Mouse Button to Start

MAT 8543

Neutron Major  
293 Kelvin Cross Sections

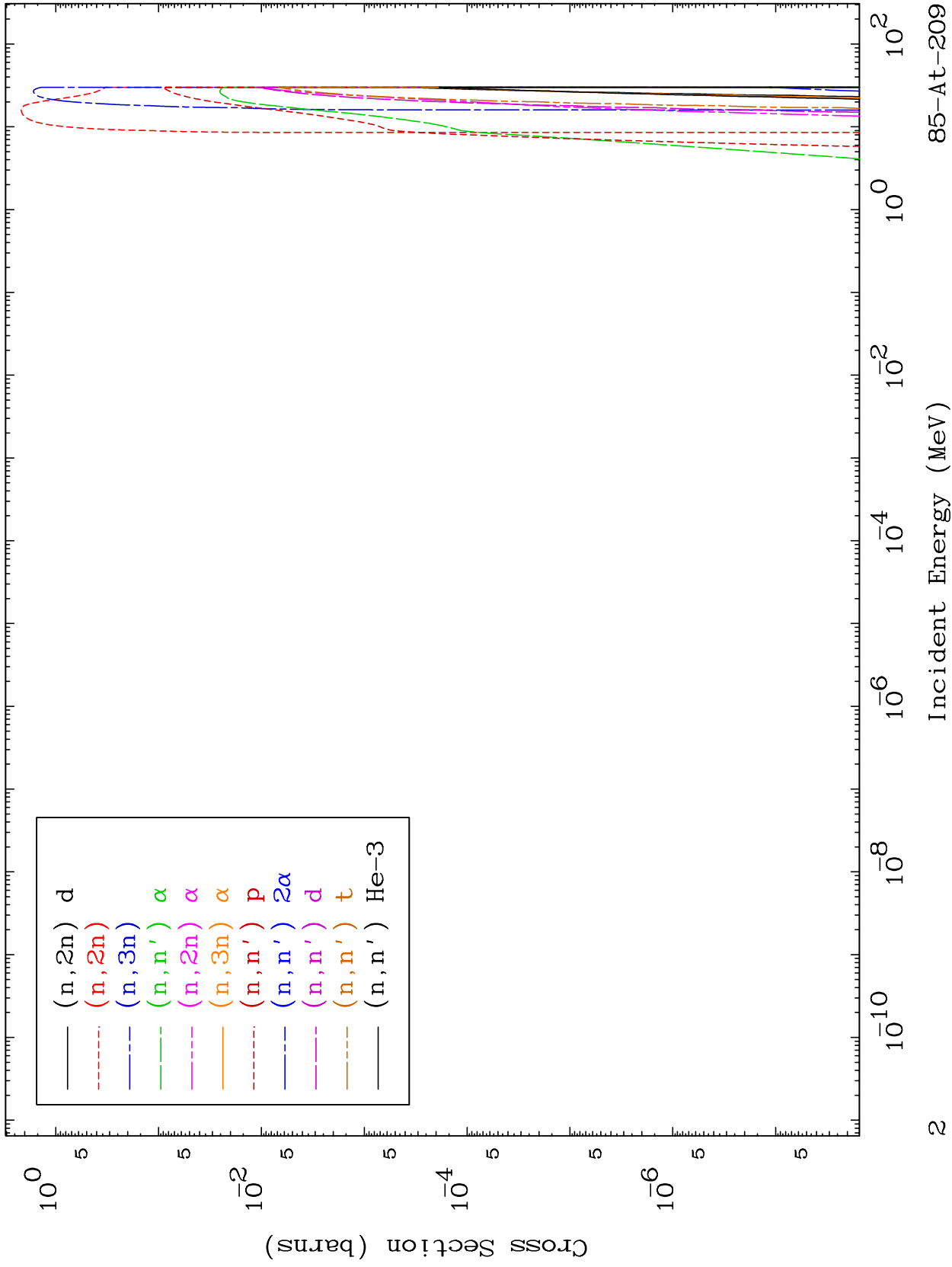
85-At-209



MAT 8543

Neutron Absorption  
293 Kelvin Cross Sections

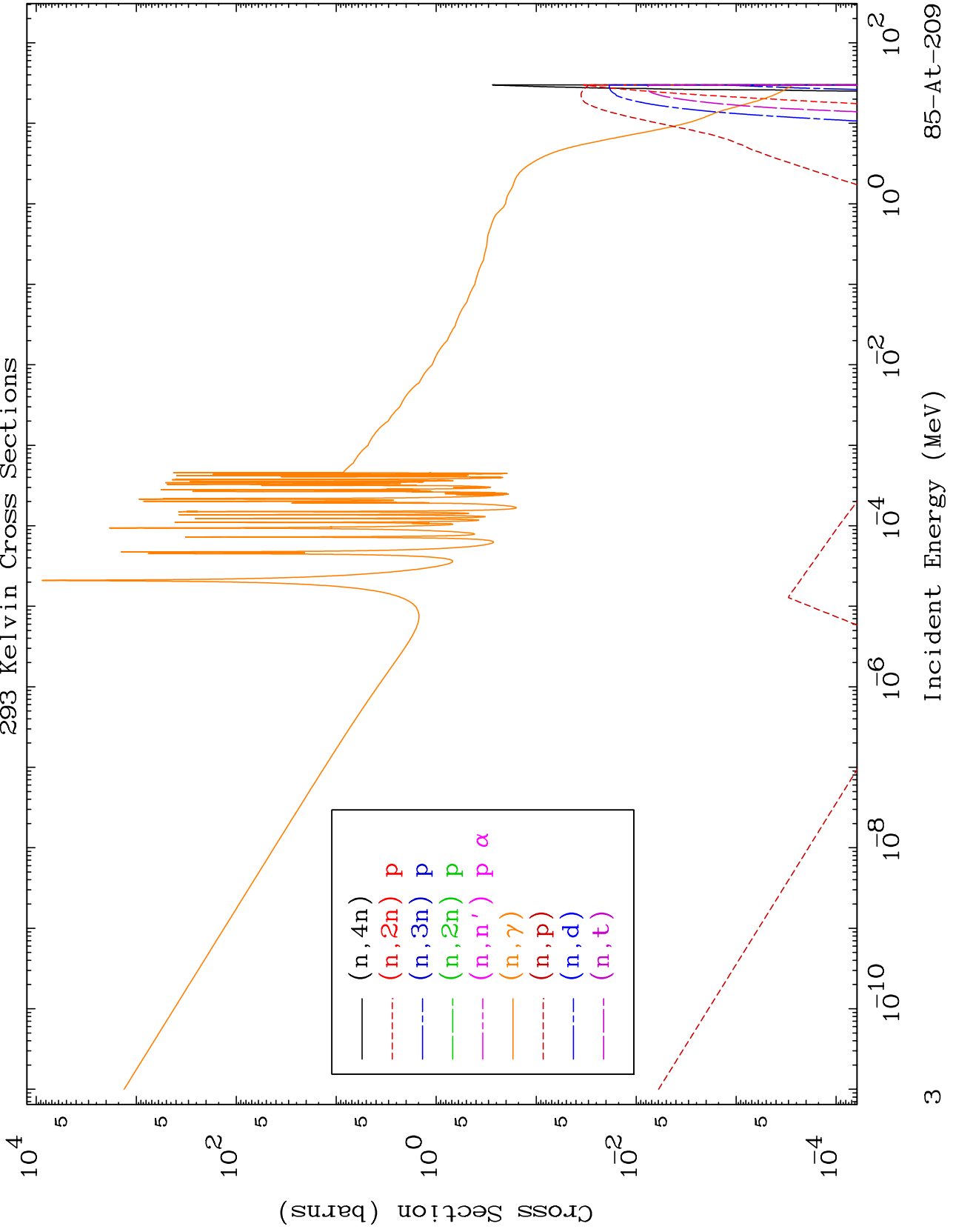
85-At-209



MAT 8543

Neutron Absorption  
293 Kelvin Cross Sections

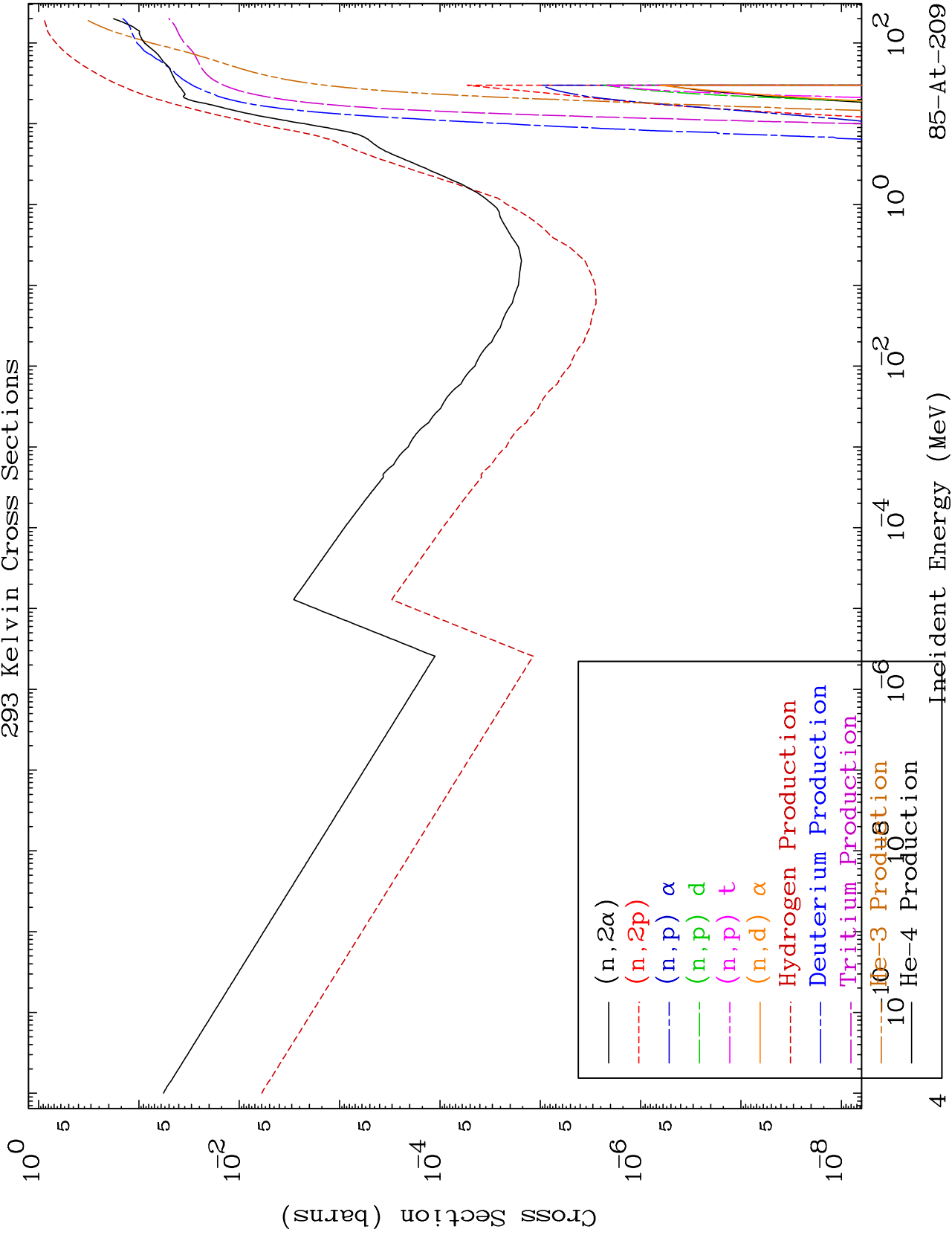
85-At-209



MAT 8543

Neutron Absorption  
293 Kelvin Cross Sections

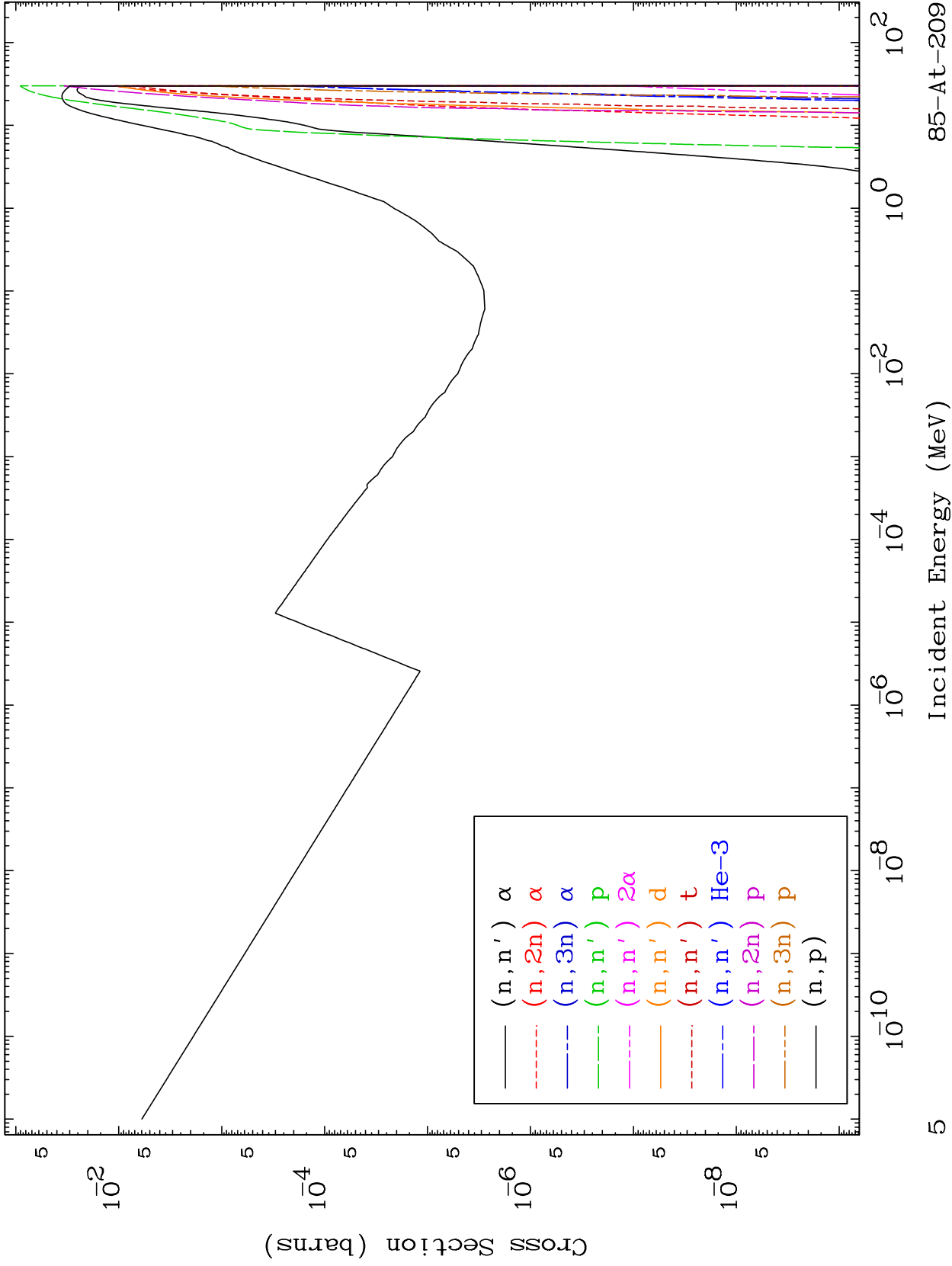
85-At-209



MAT 8543

Charged Particle  
293 Kelvin Cross Sections

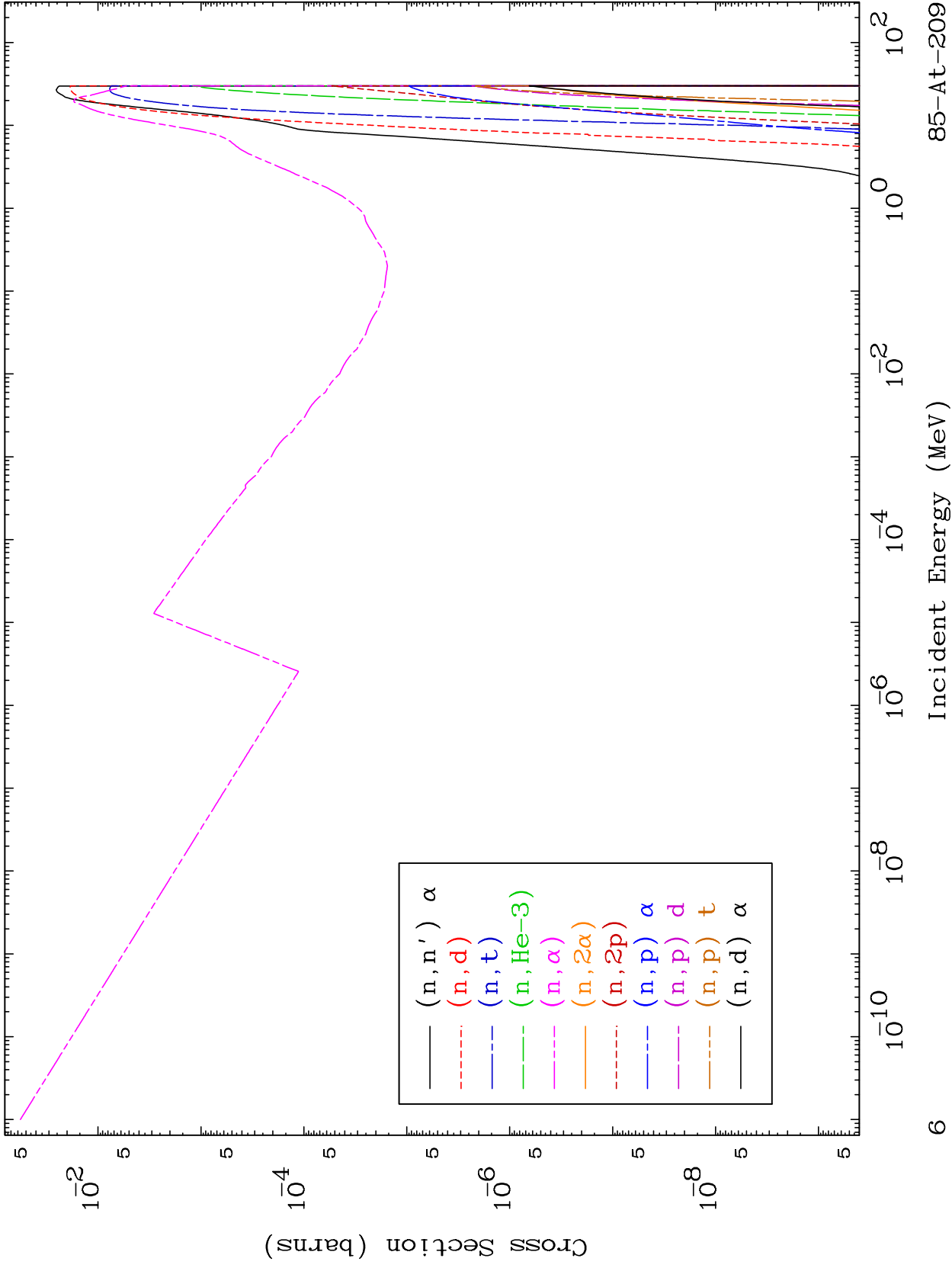
85-At-209



MAT 8543

Charged Particle  
293 Kelvin Cross Sections

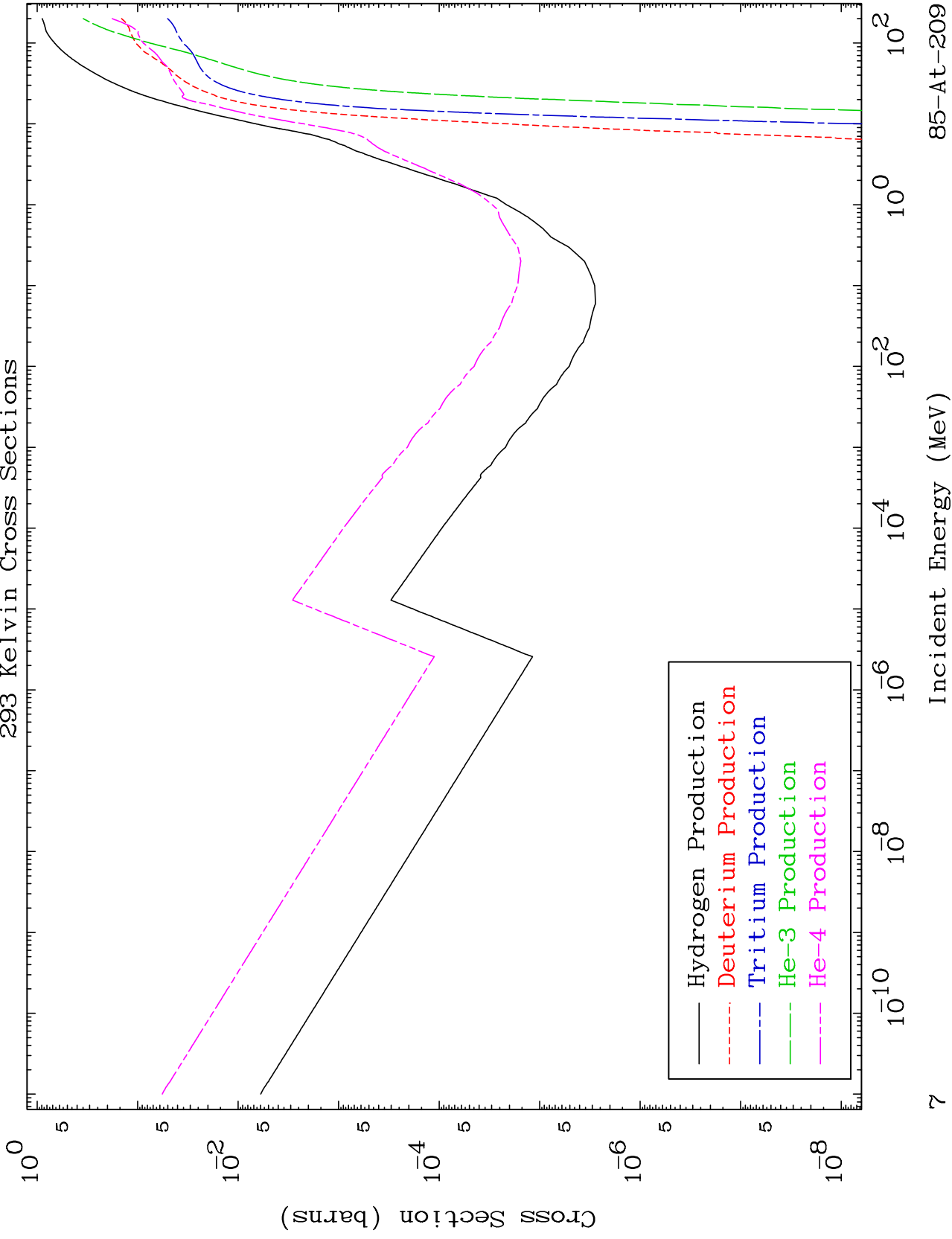
85-At-209



MAT 8543

Particle Production  
293 Kelvin Cross Sections

85-At-209



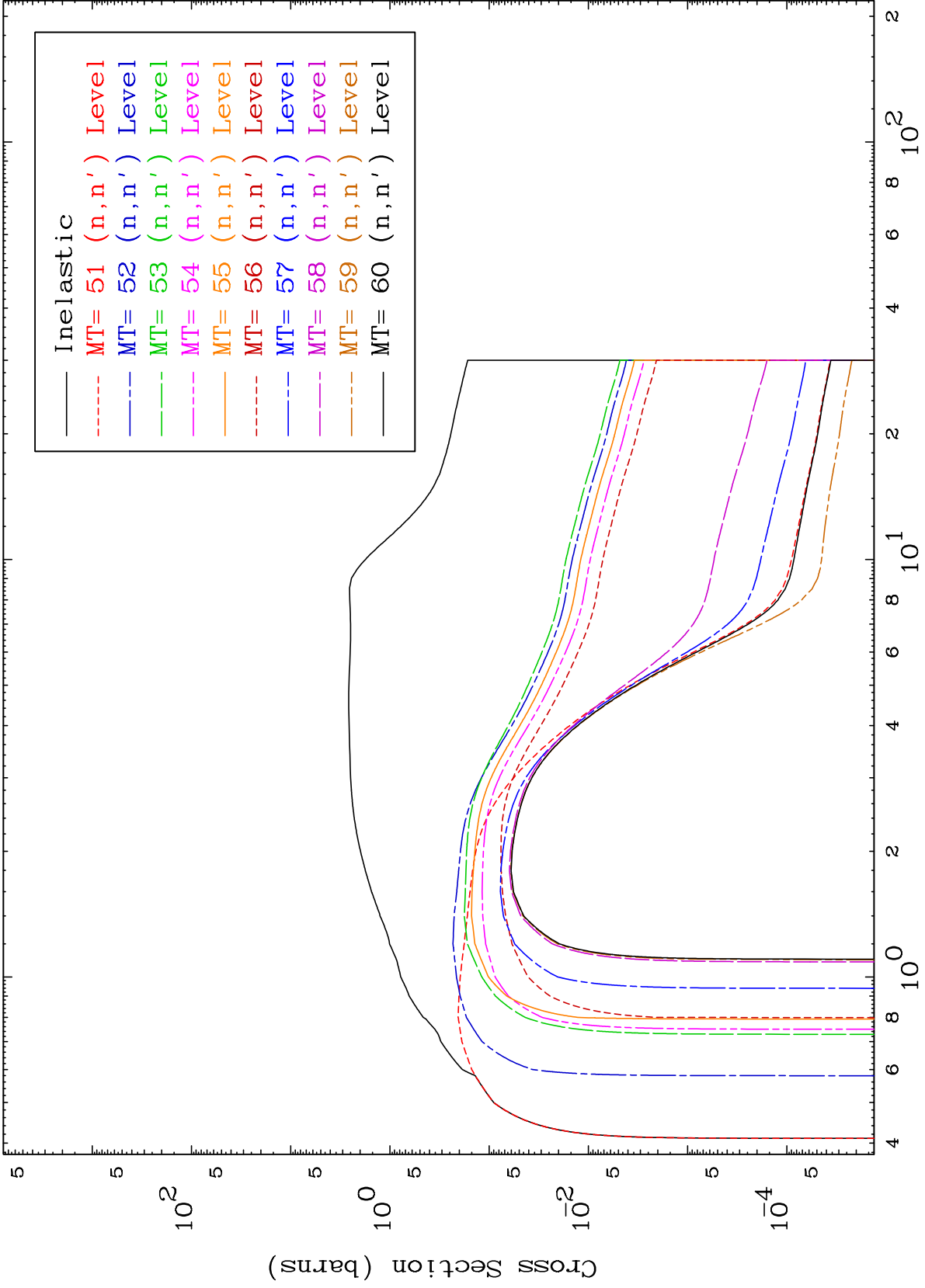


MAT 8543

(n,n') Levels

85-At-209

293 Kelvin Cross Sections

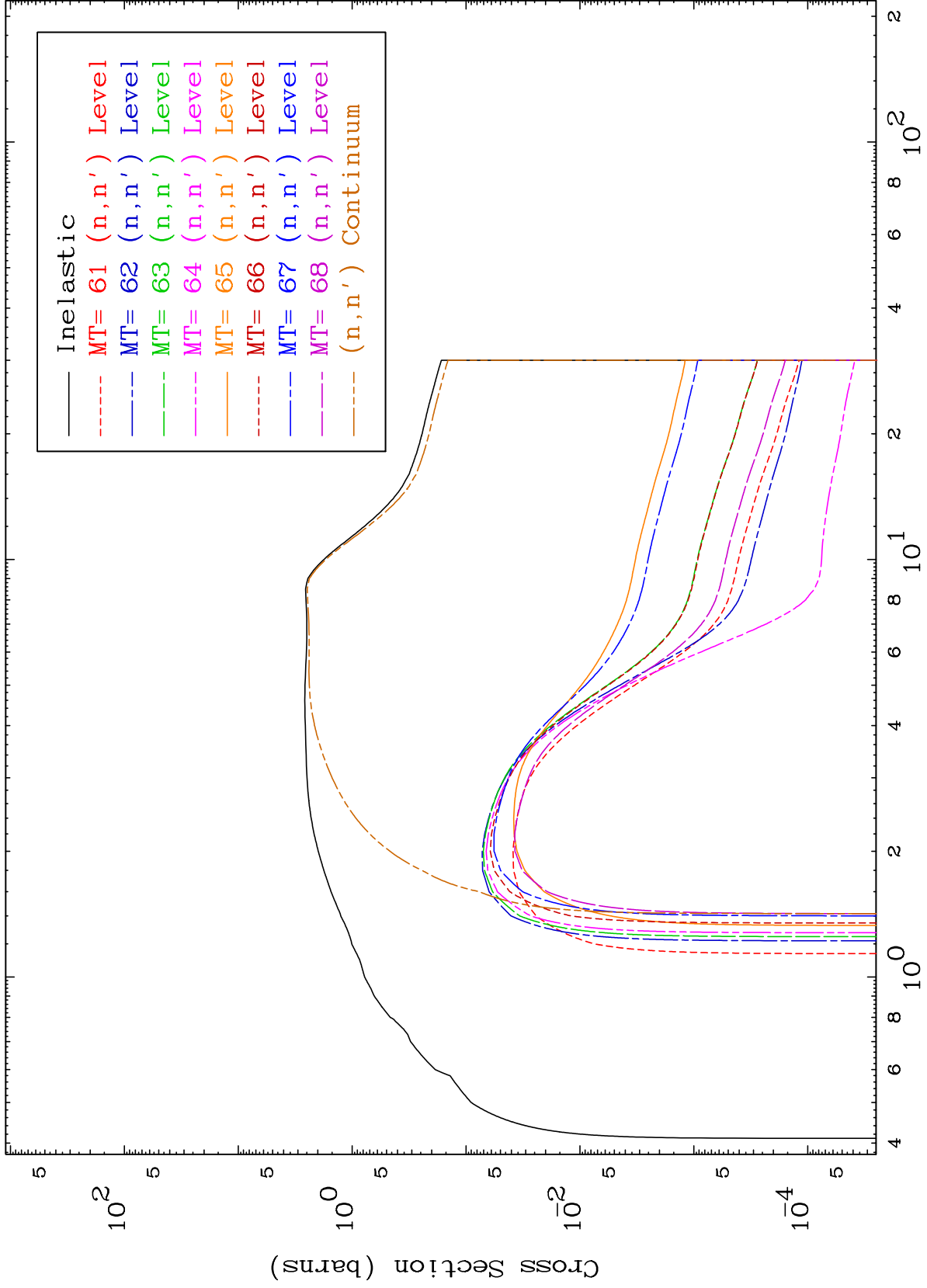


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Incident Energy (MeV)

85-At-209

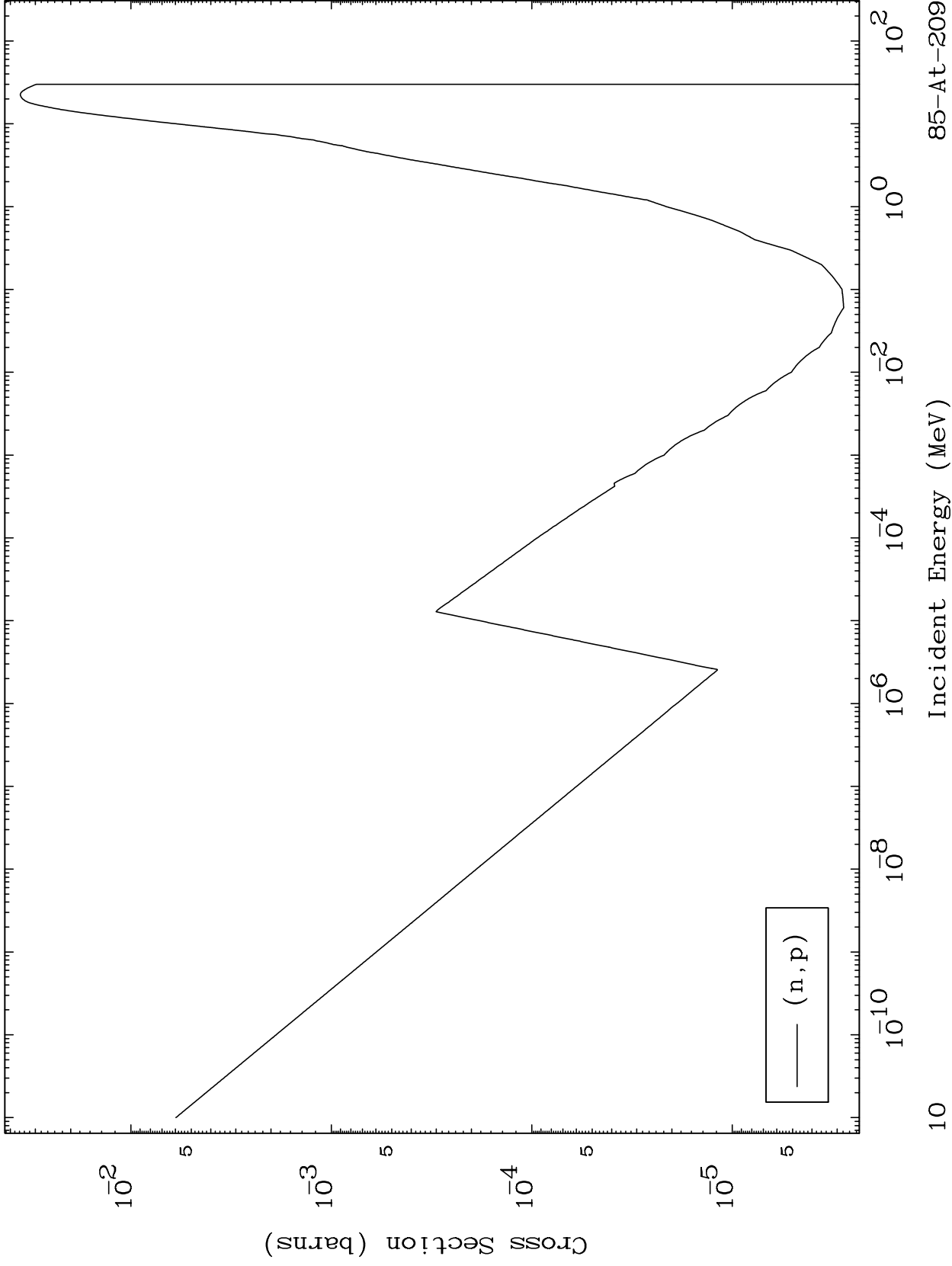
293 Kelvin Cross Sections



MAT 8543

(n,p) Levels  
293 Kelvin Cross Sections

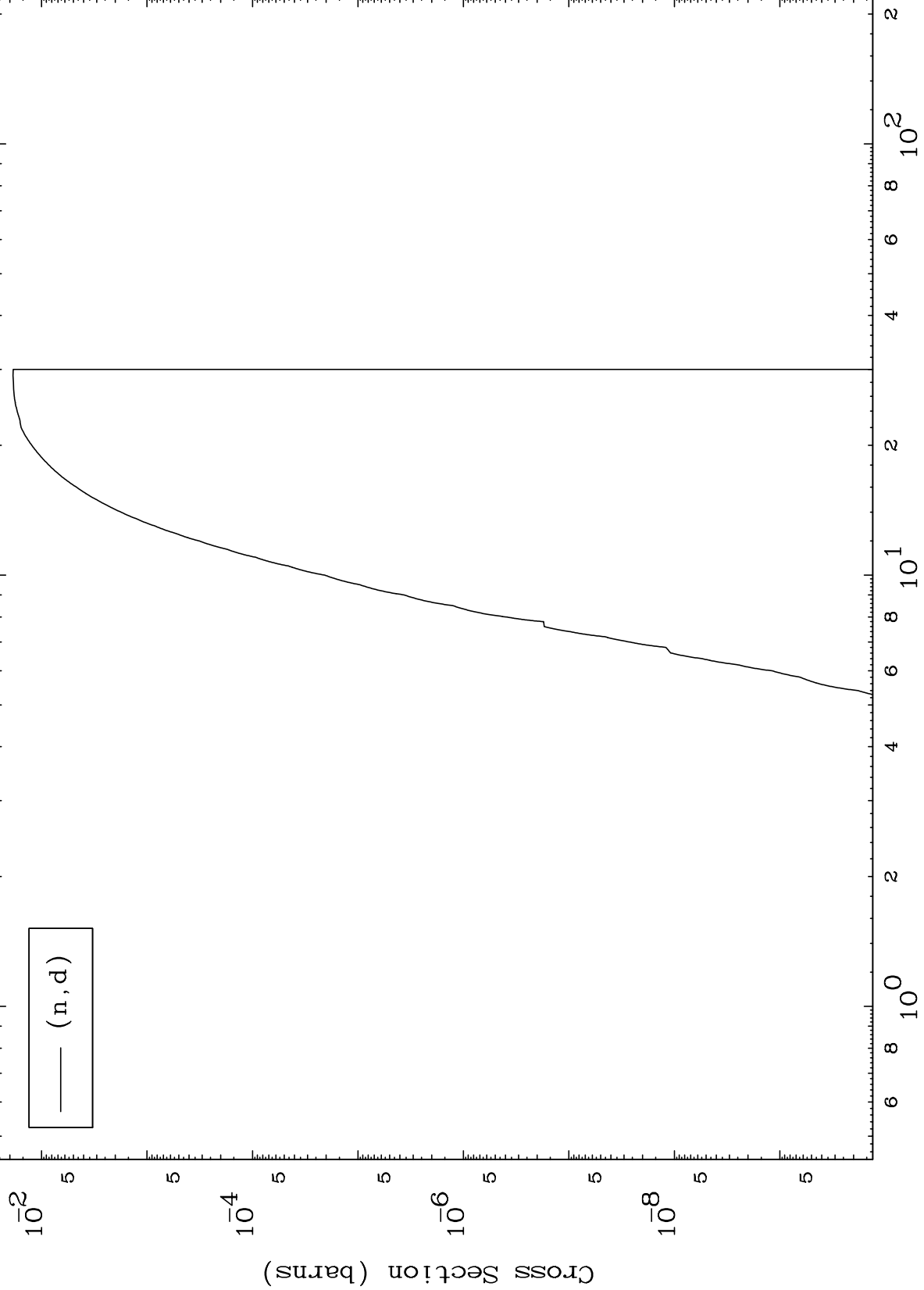
85-At-209



MAT 8543

(n,d) Levels  
293 Kelvin Cross Sections

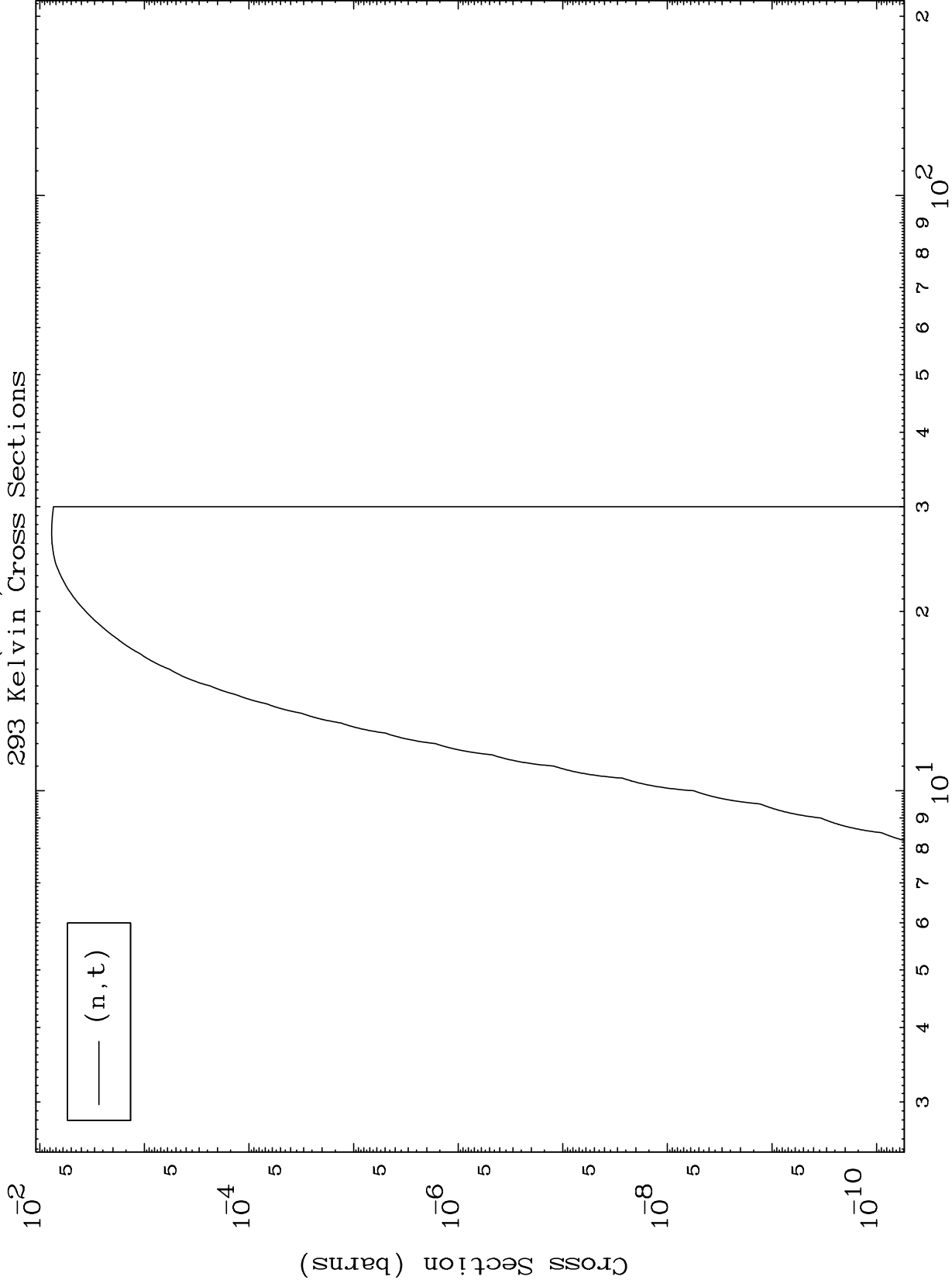
85-At-209



MAT 8543

(n,t) Levels  
293 Kelvin Cross Sections

85-At-209



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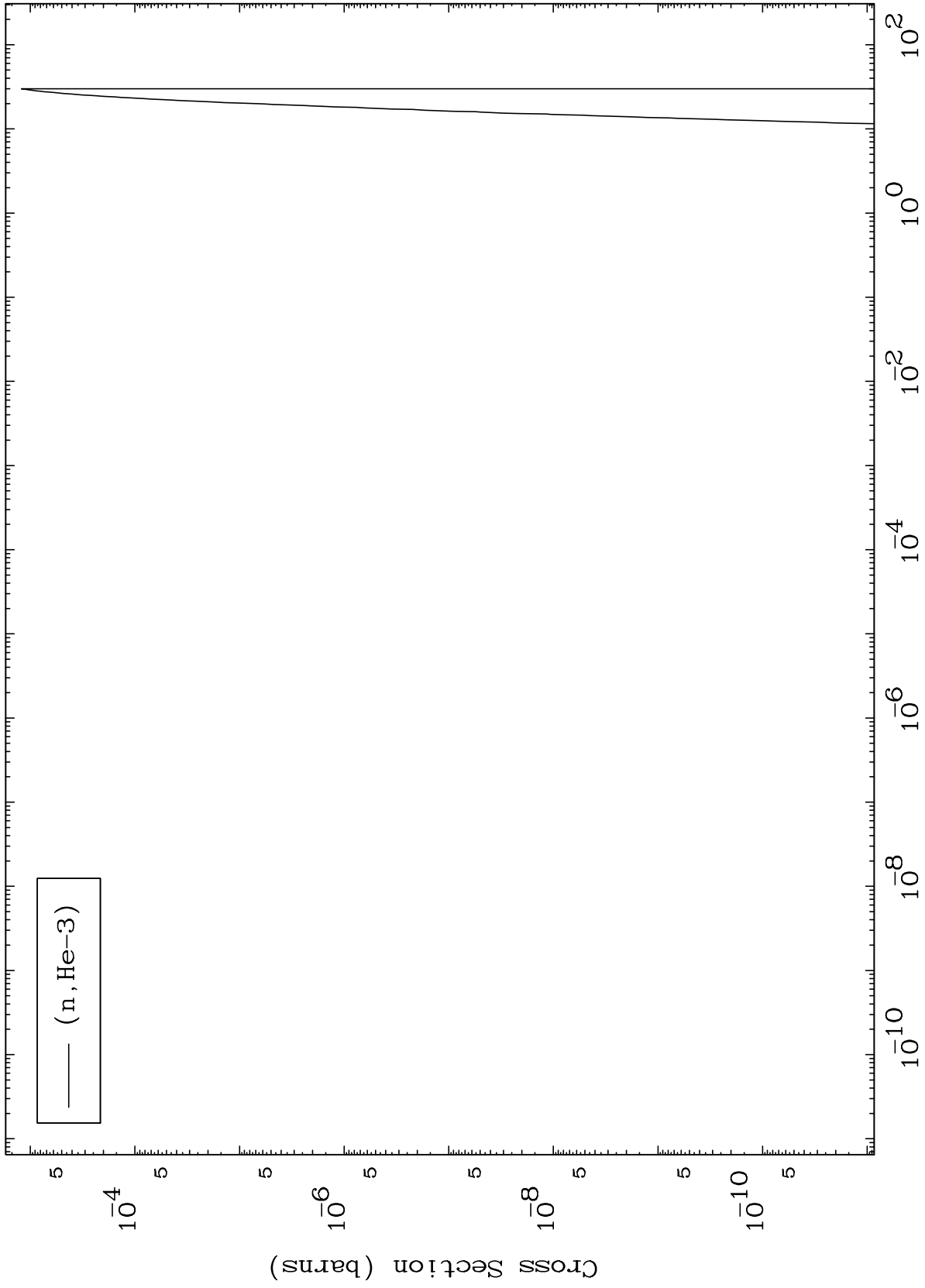
Incident Energy (MeV)

85-At-209

MAT 8543

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-209



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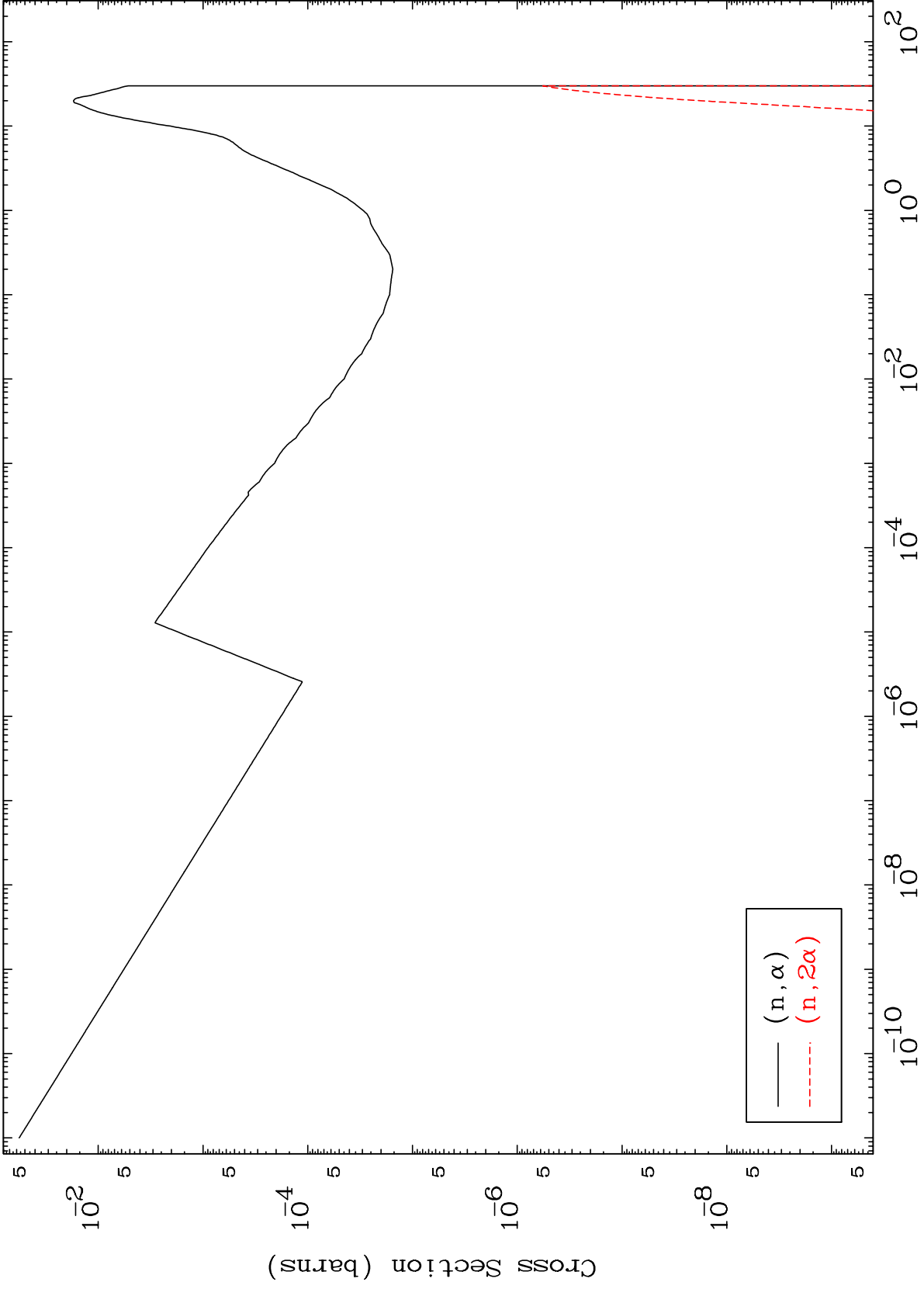
Incident Energy (MeV)

85-At-209

MAT 8543

(n,α) Levels  
293 Kelvin Cross Sections

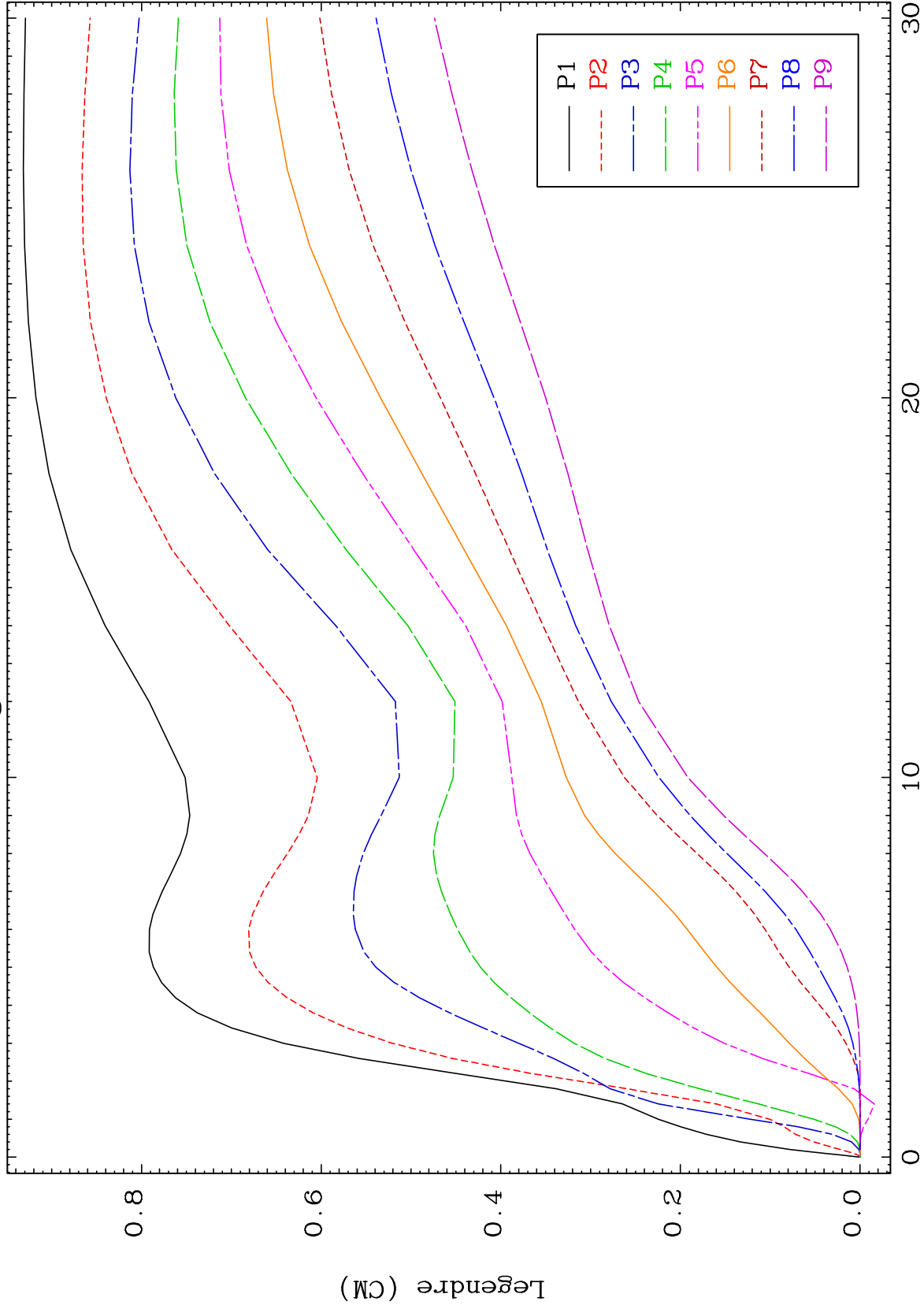
85-At-209



MAT 8543

Elastic Legendre Coefficients

85-At-209



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Incident Energy (MeV)

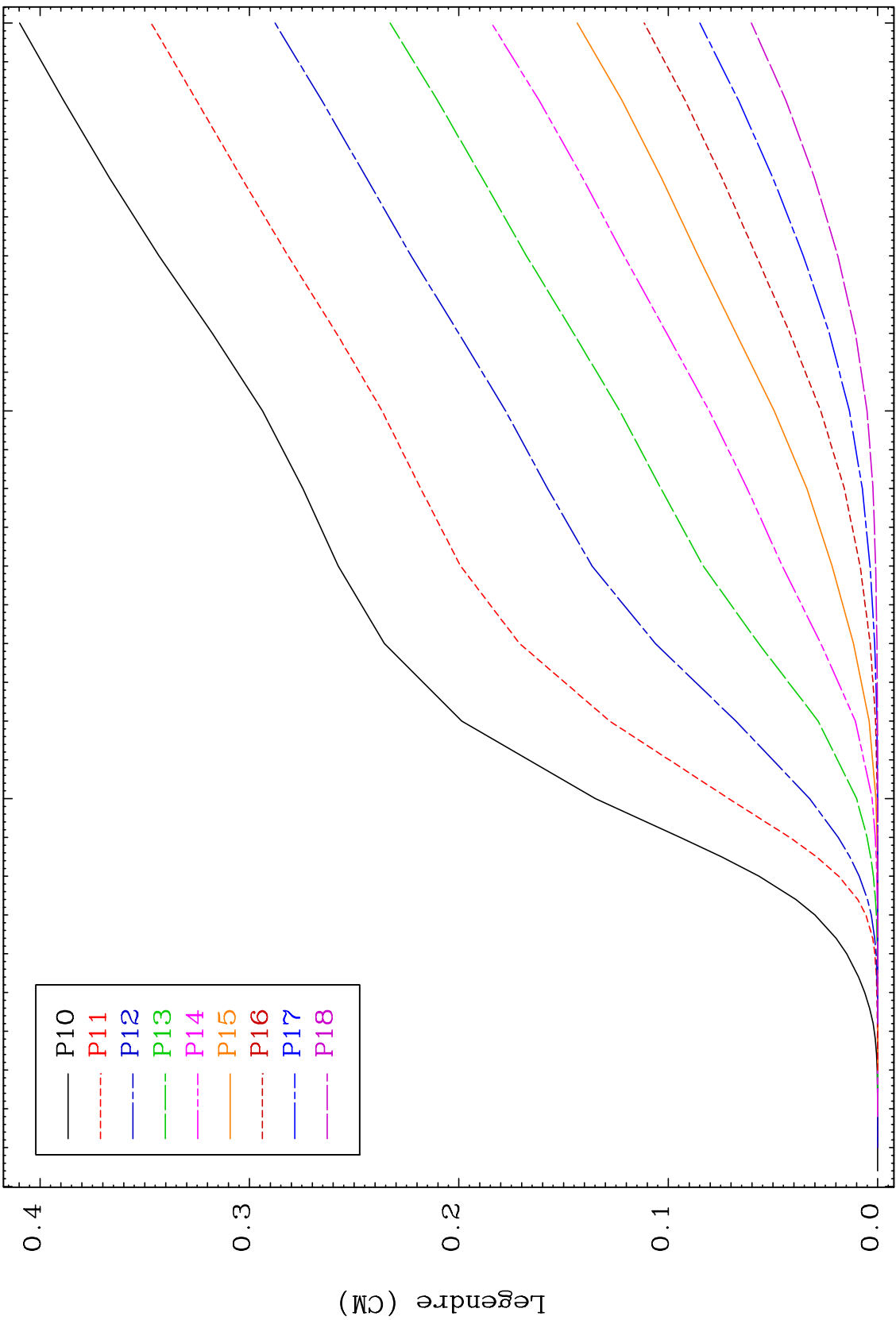
85-At-209



MAT 8543

Elastic Legendre Coefficients

85-At-209



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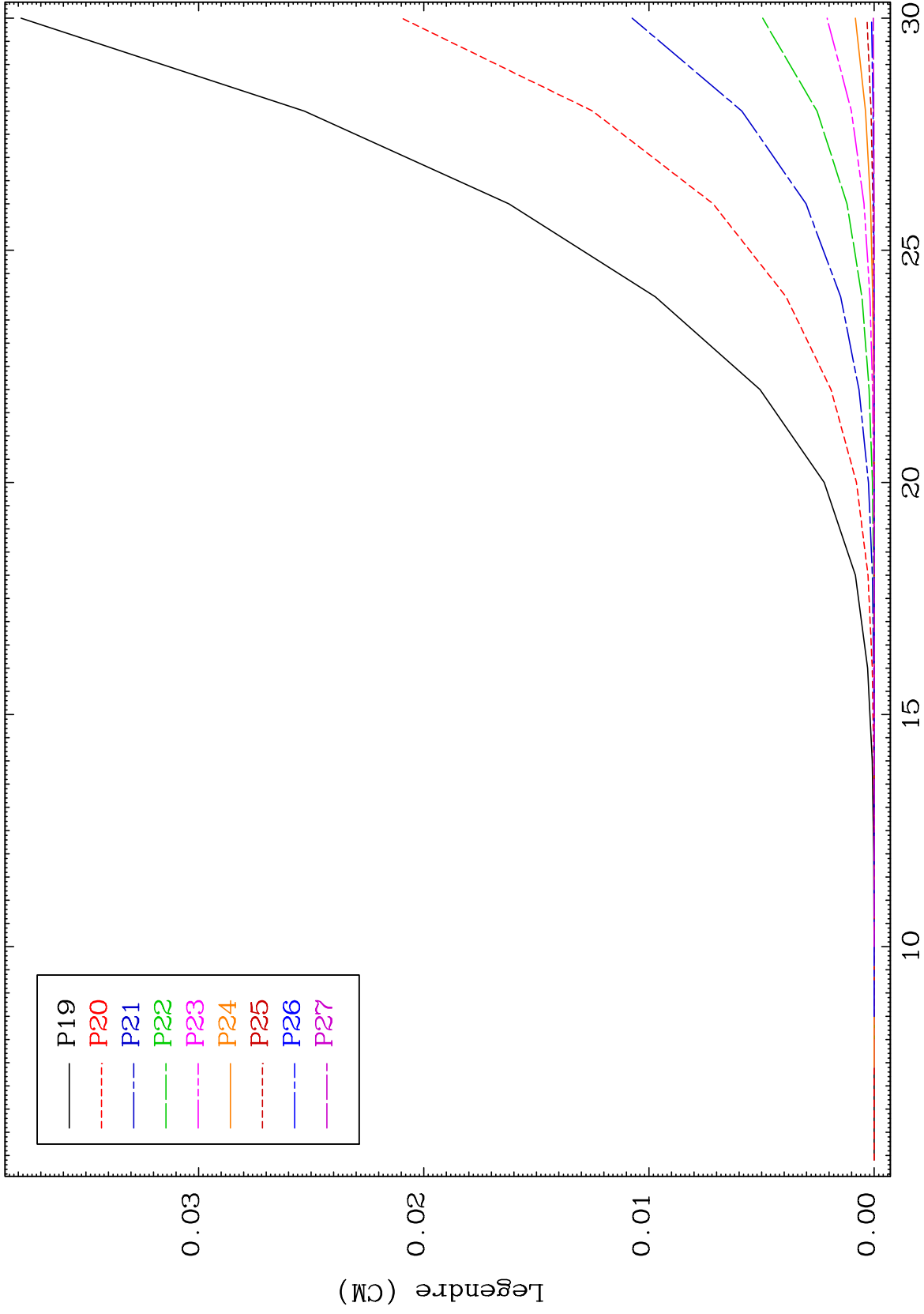
Incident Energy (MeV)

85-At-209

MAT 8543

### Elastic Legendre Coefficients

85-At-209



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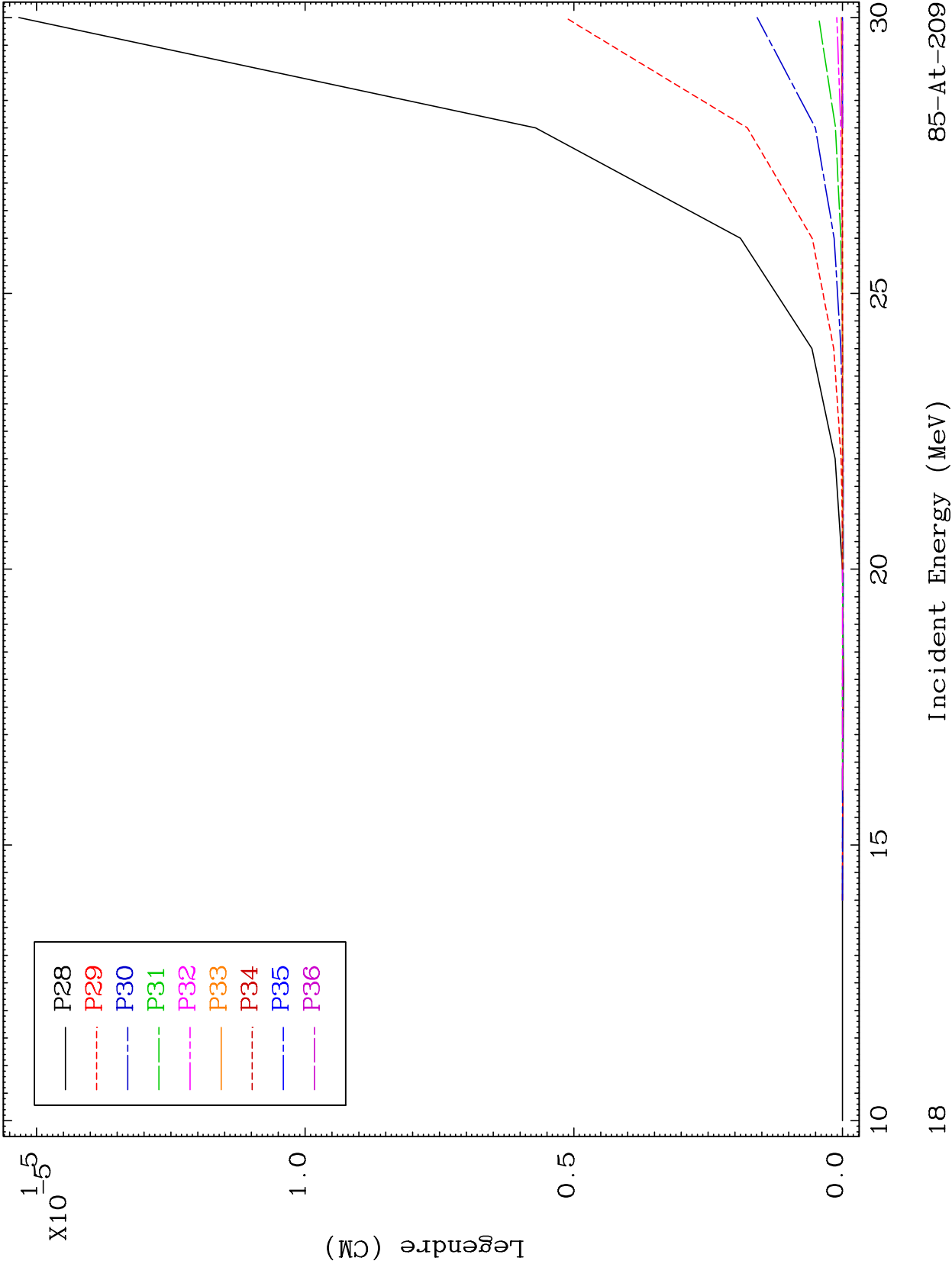
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



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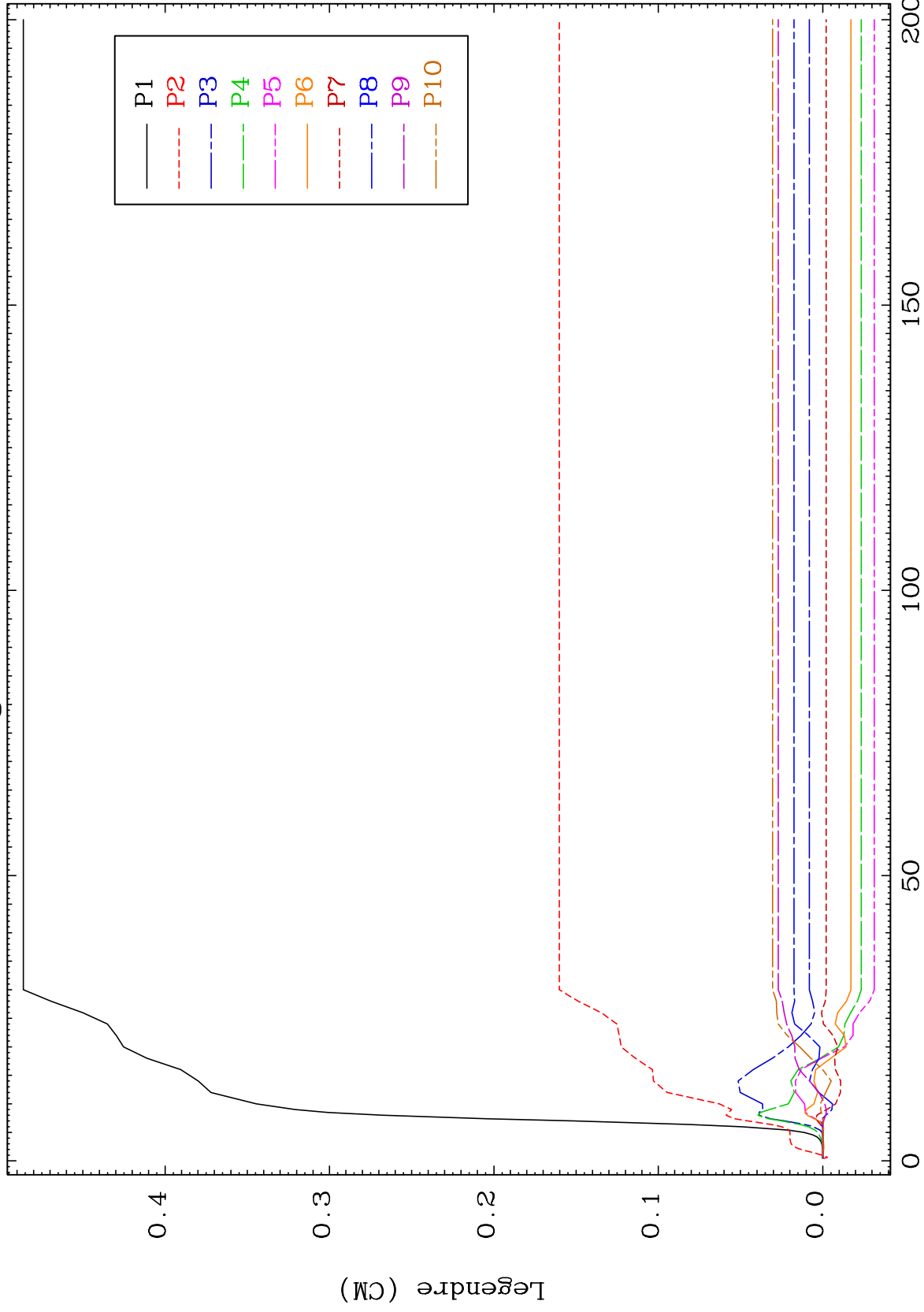
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

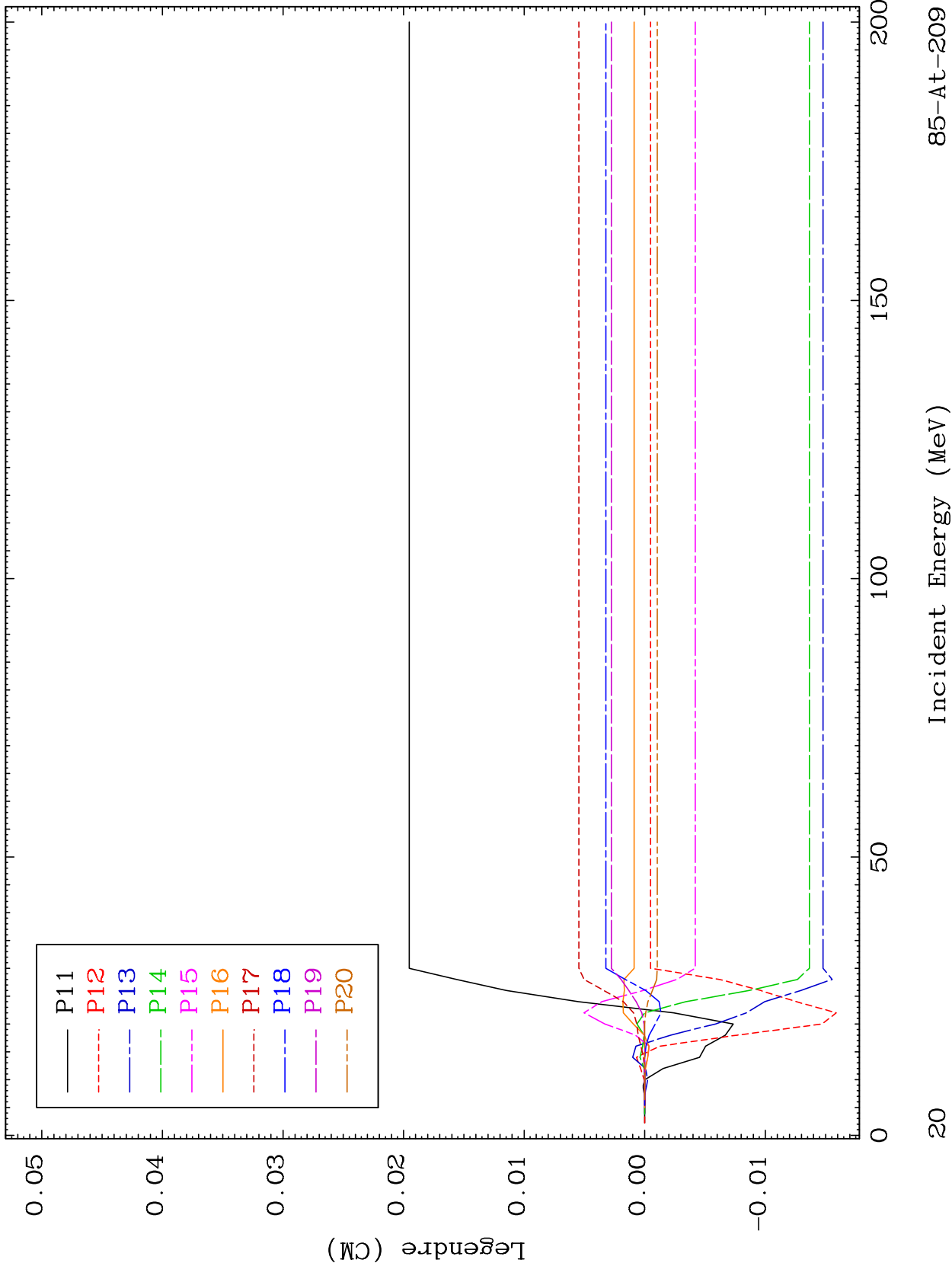
Incident Energy (MeV)

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MAT 8543

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

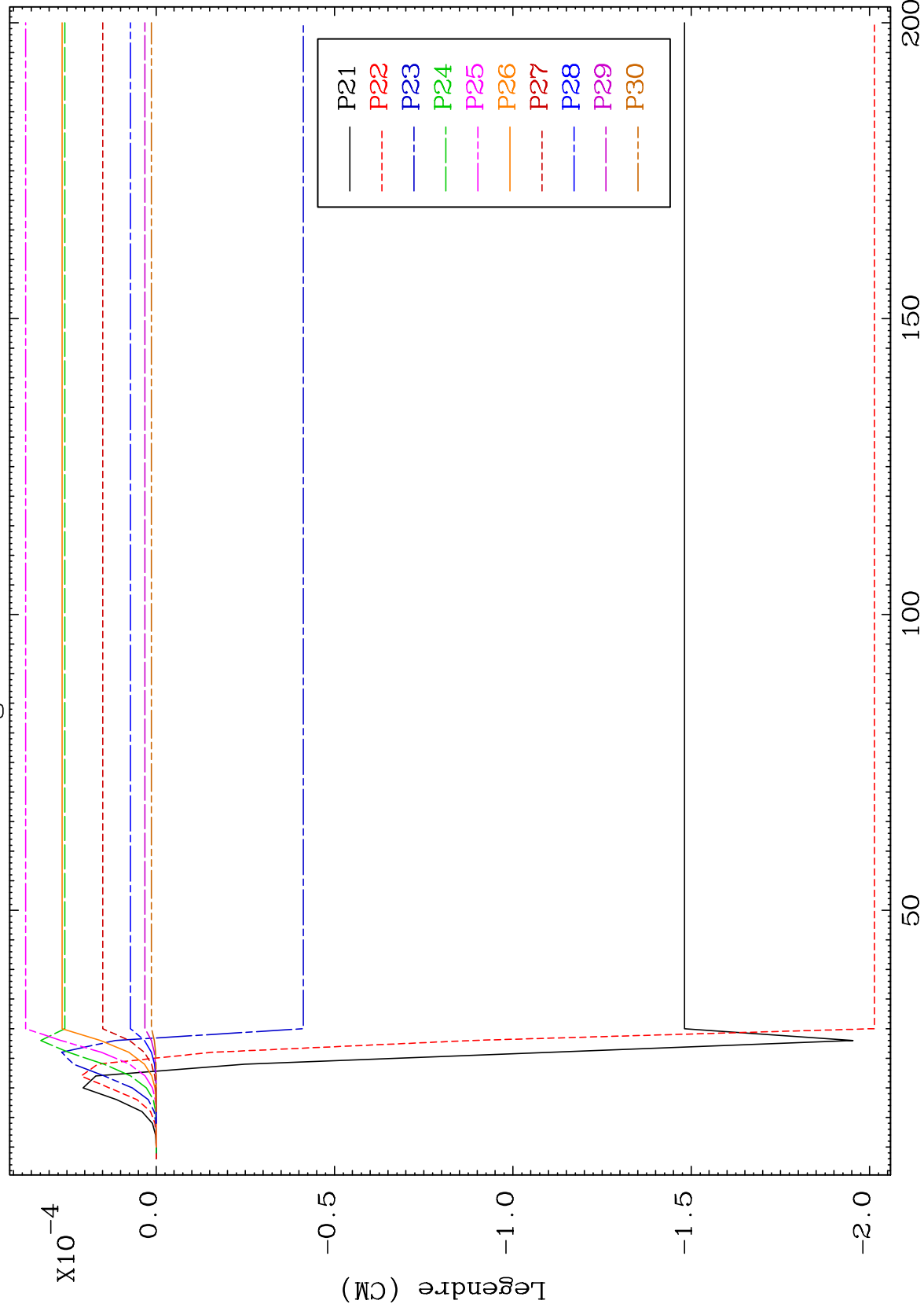
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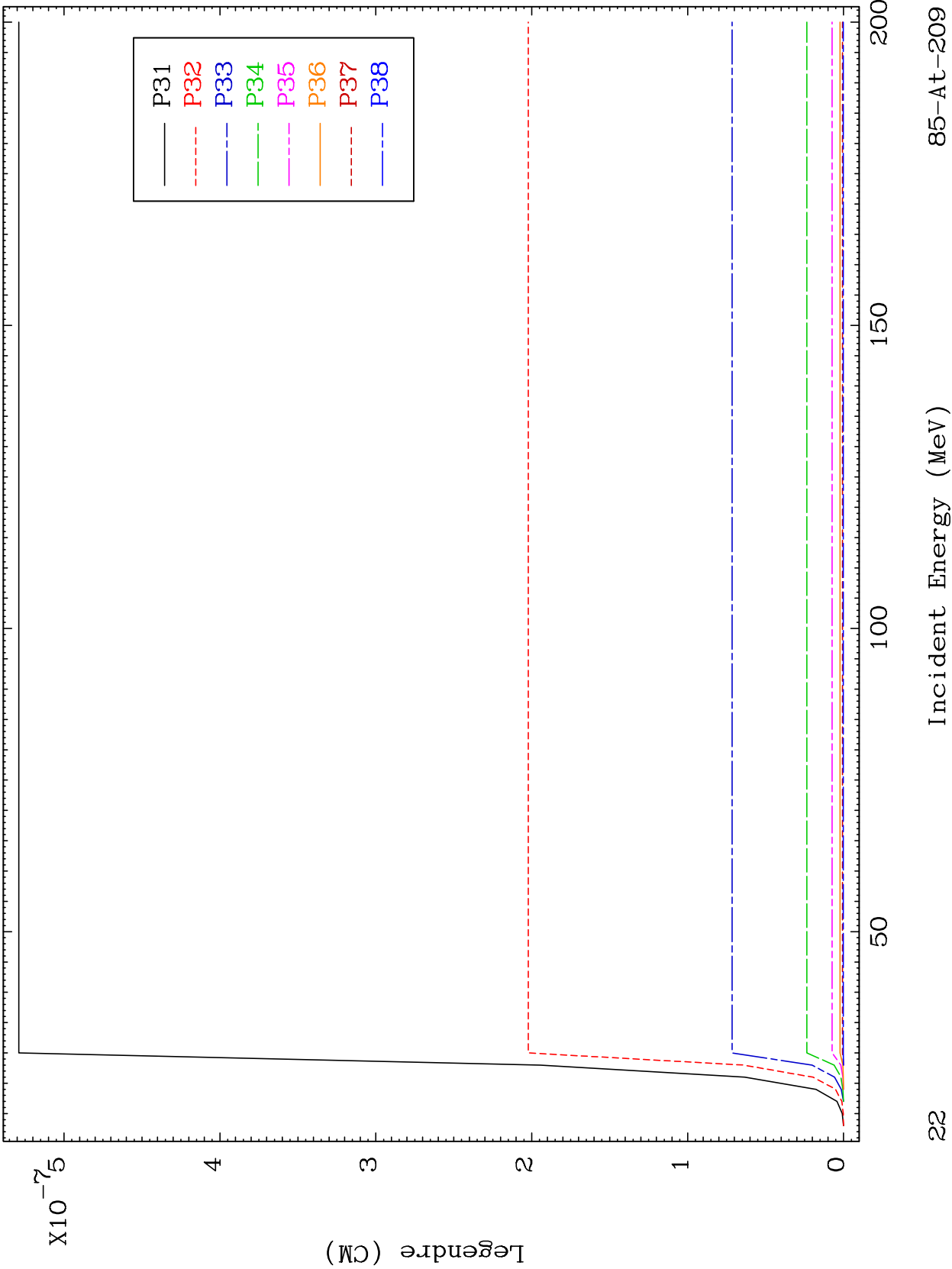


MAT 8543

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

85-At-209

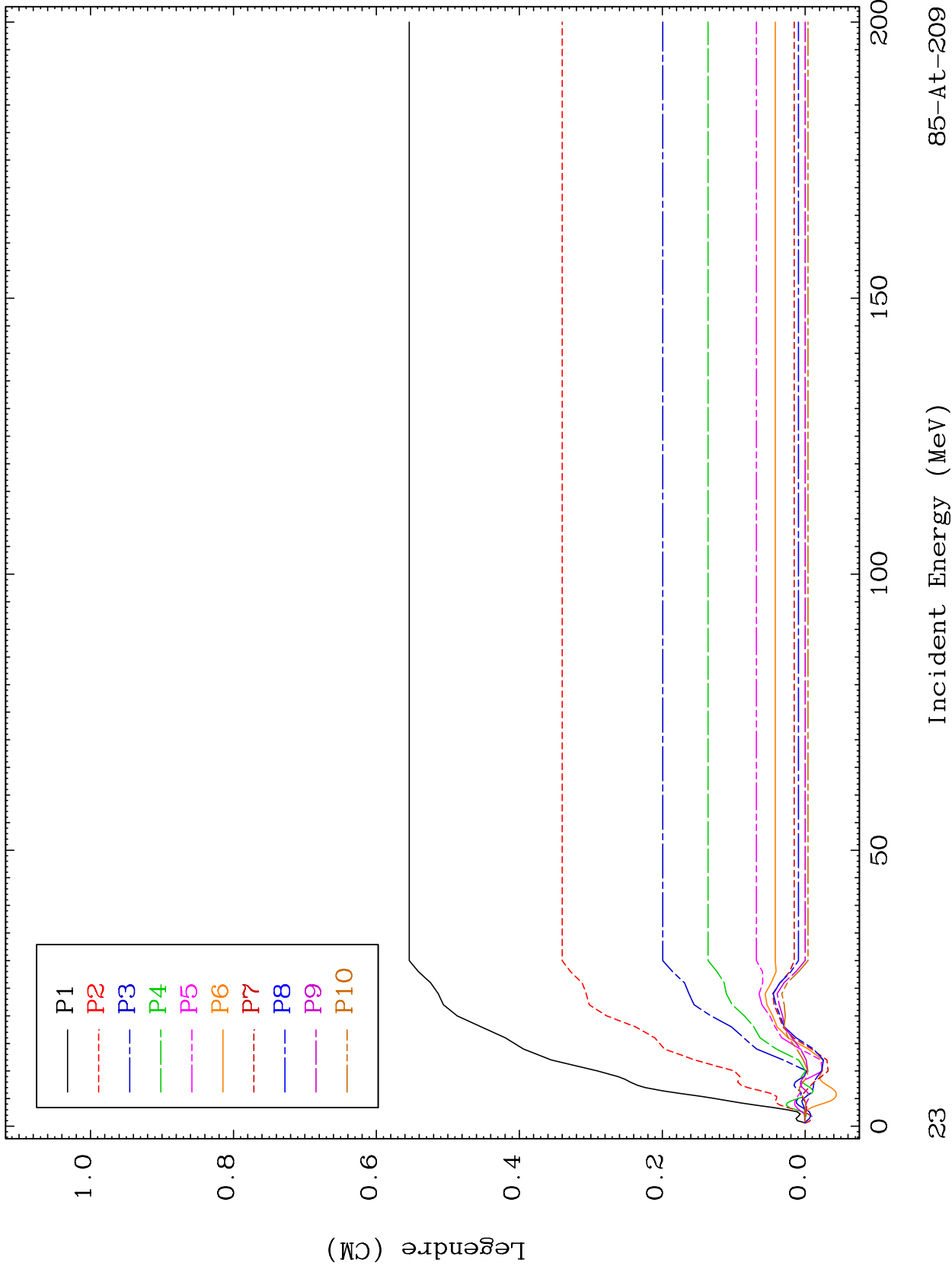




MAT 8543

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

85-At-209

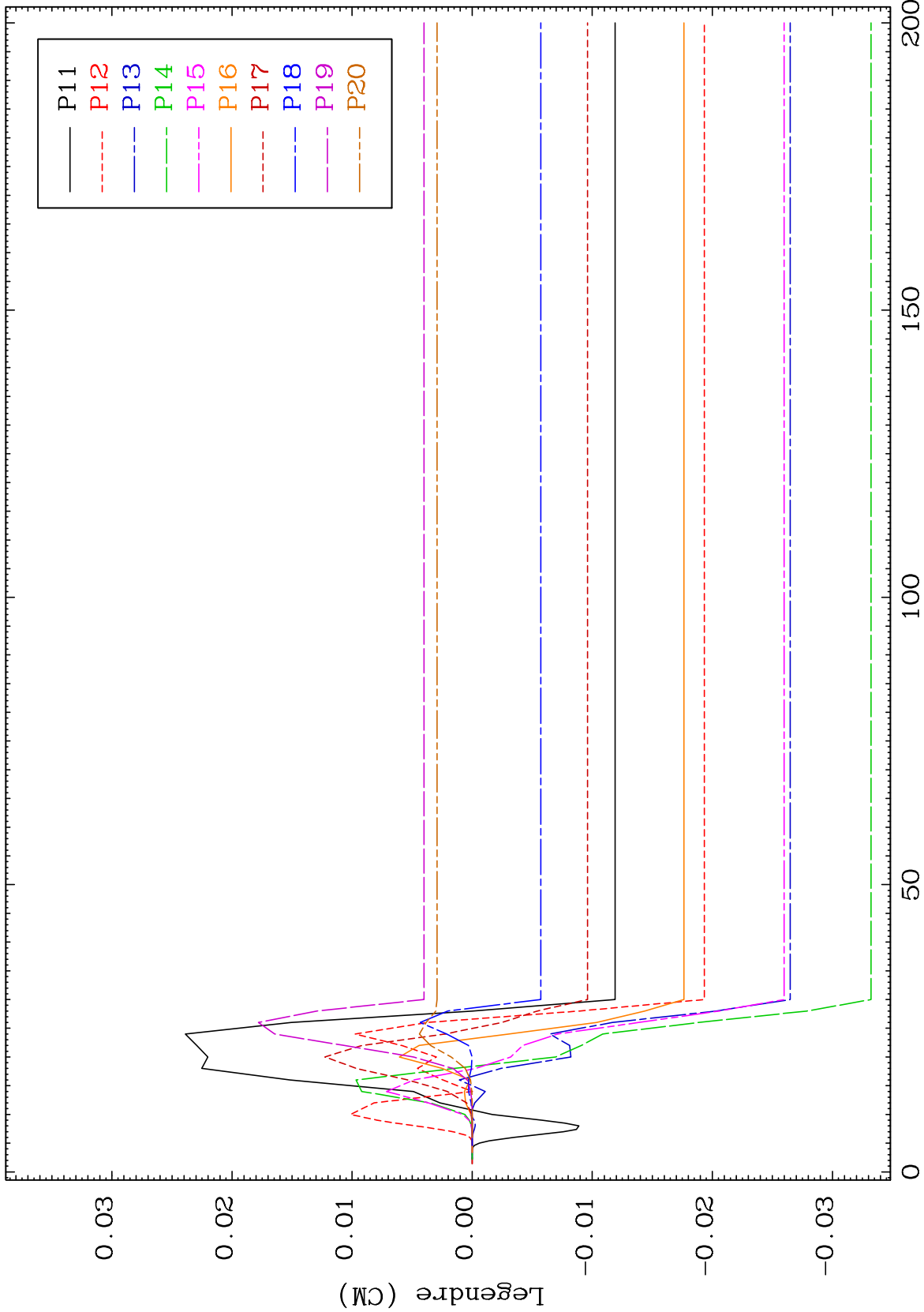




MAT 8543

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

85-At-209



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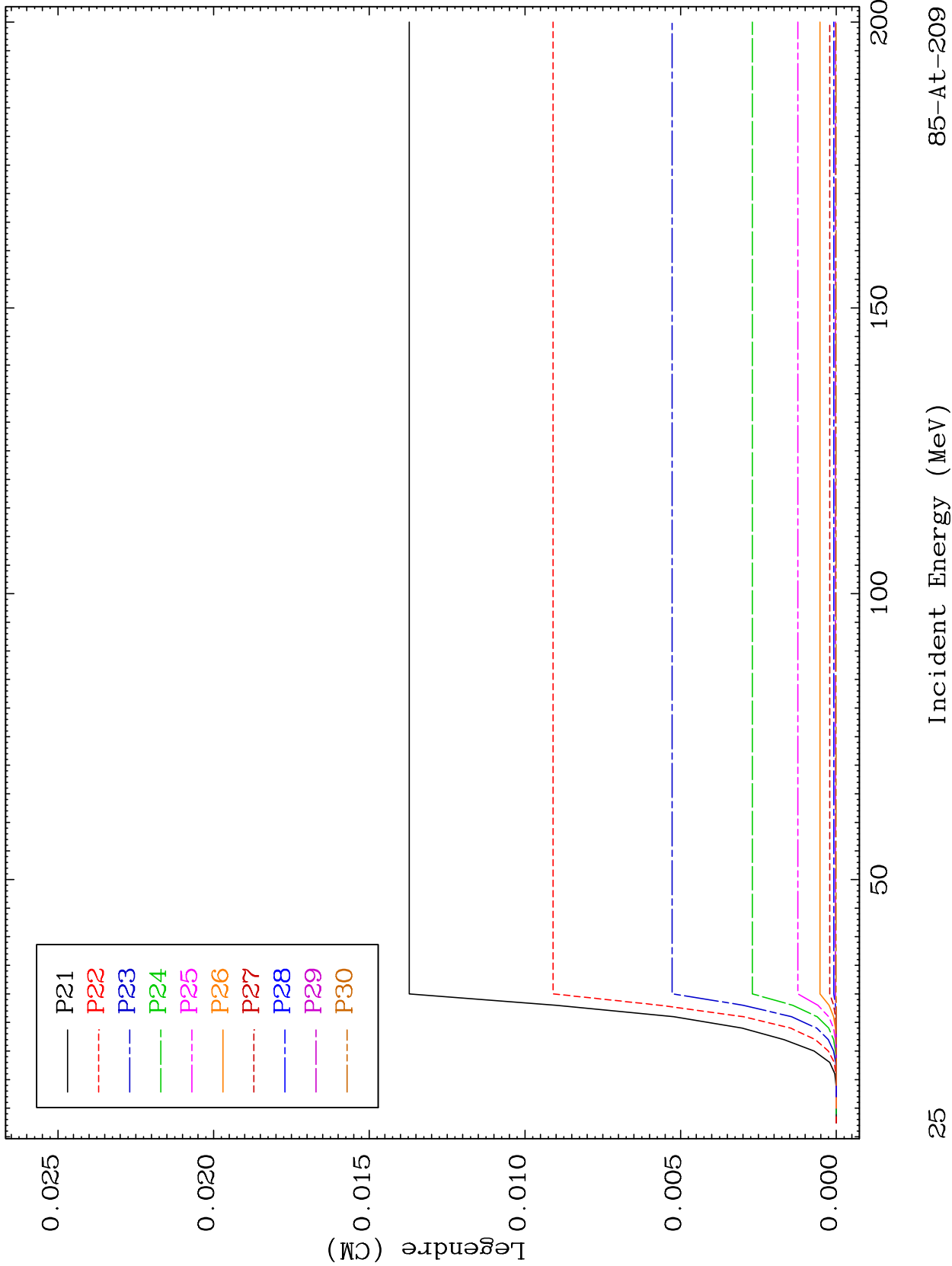
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



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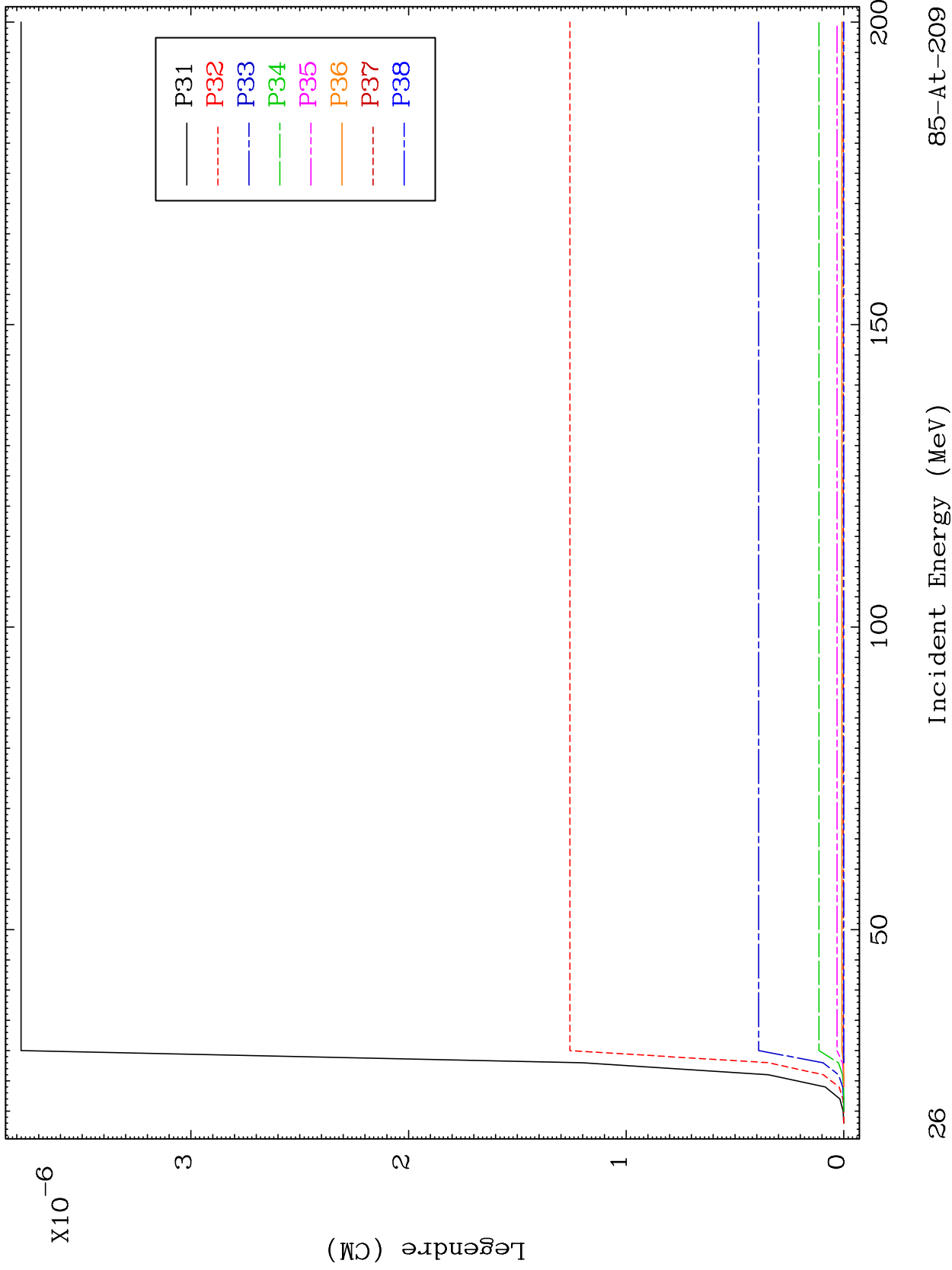
Incident Energy (MeV)

85-At-209

MAT 8543

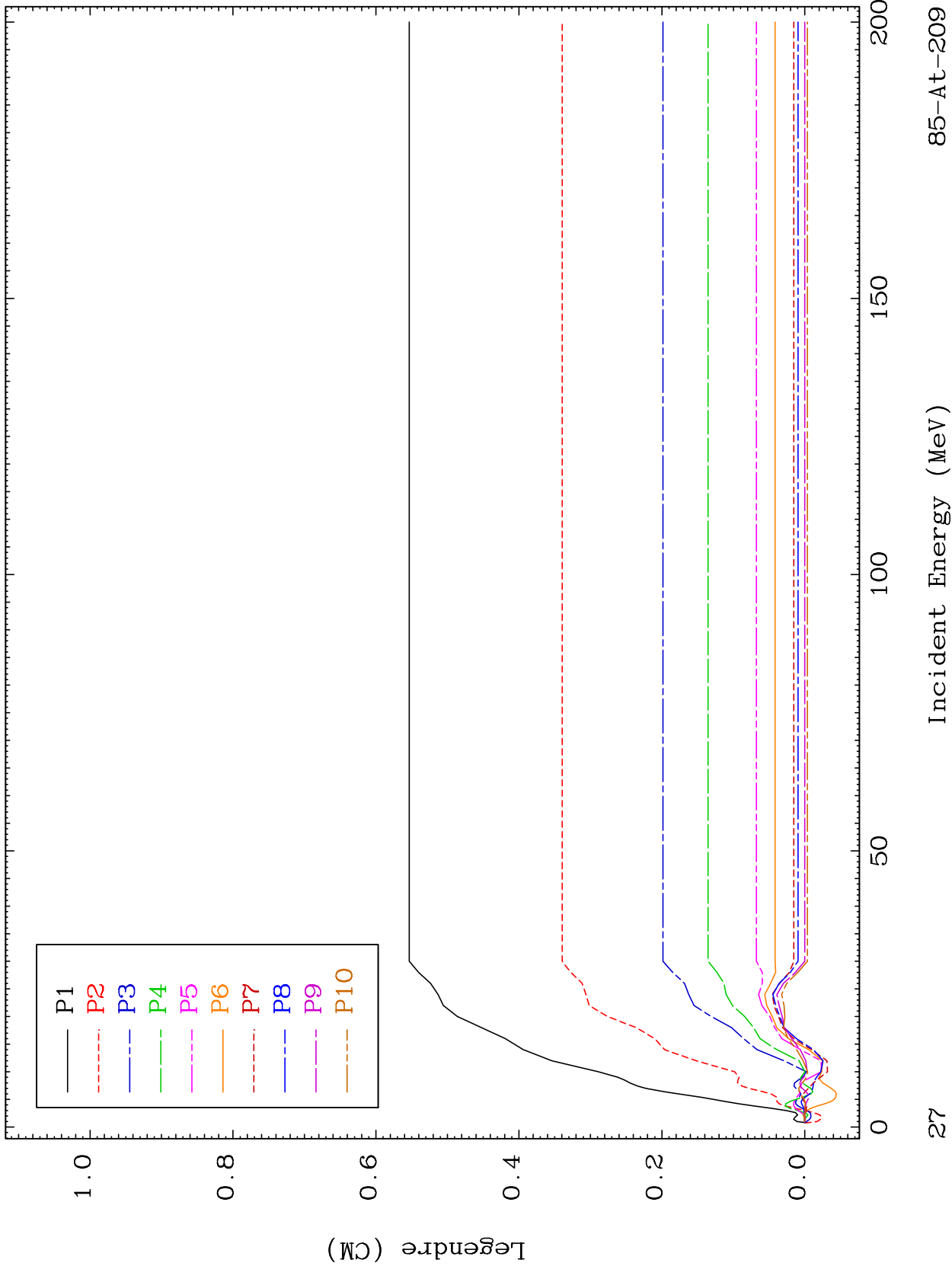
MT= 52 (n,n') Level  
Legendre Coefficients

85-At-209



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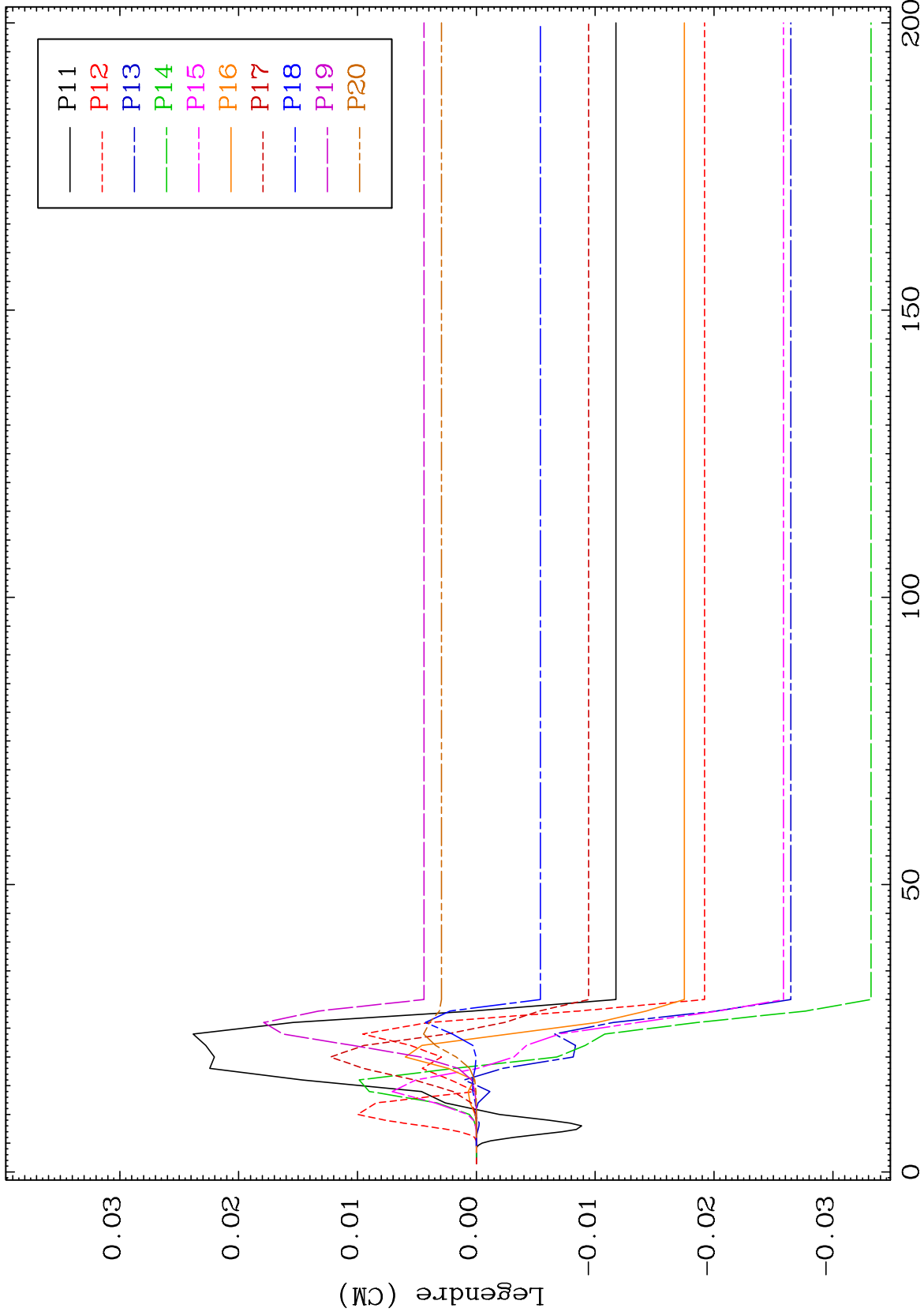
85-At-209



MAT 8543

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

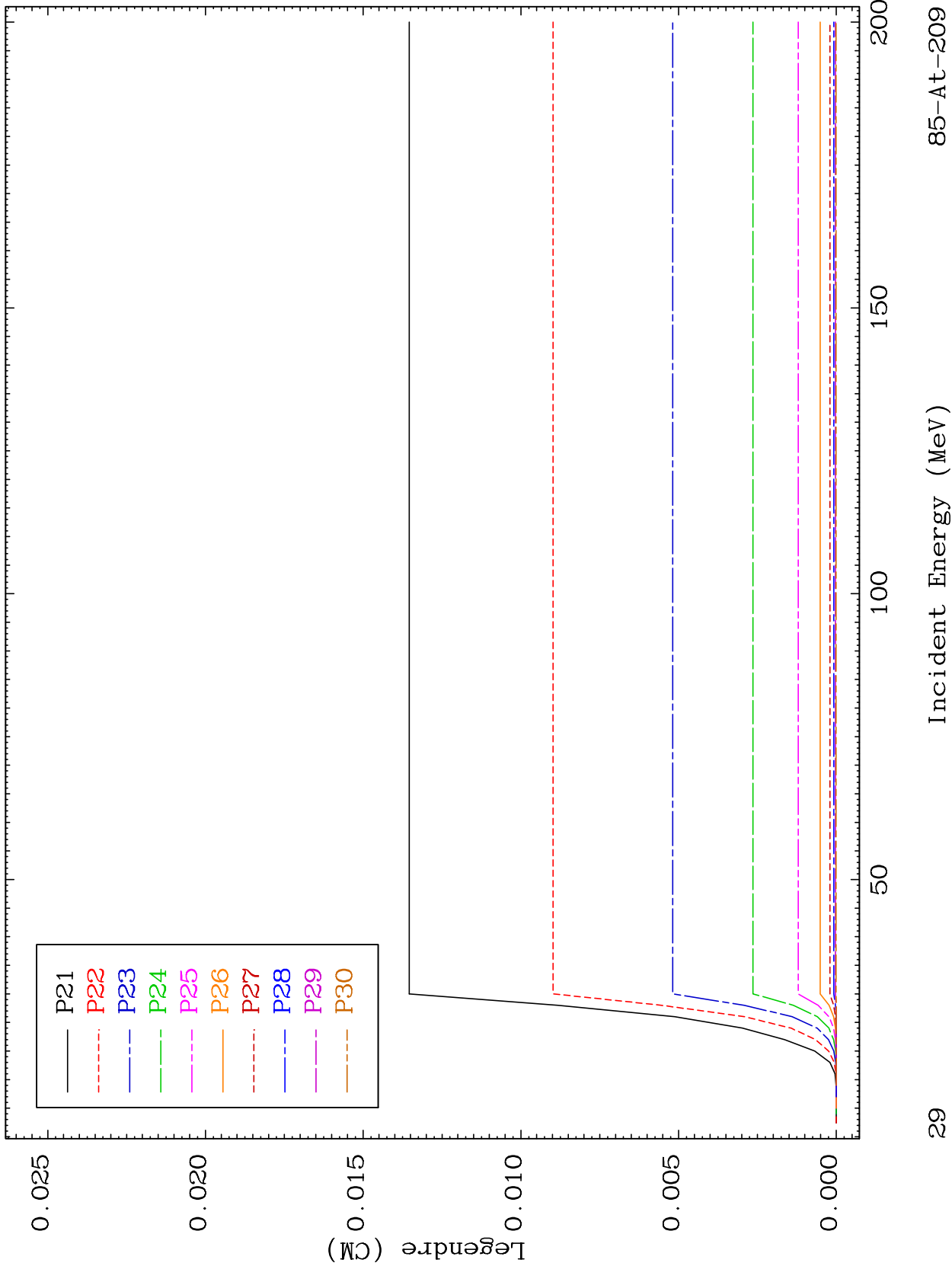
85-At-209



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Incident Energy (MeV)

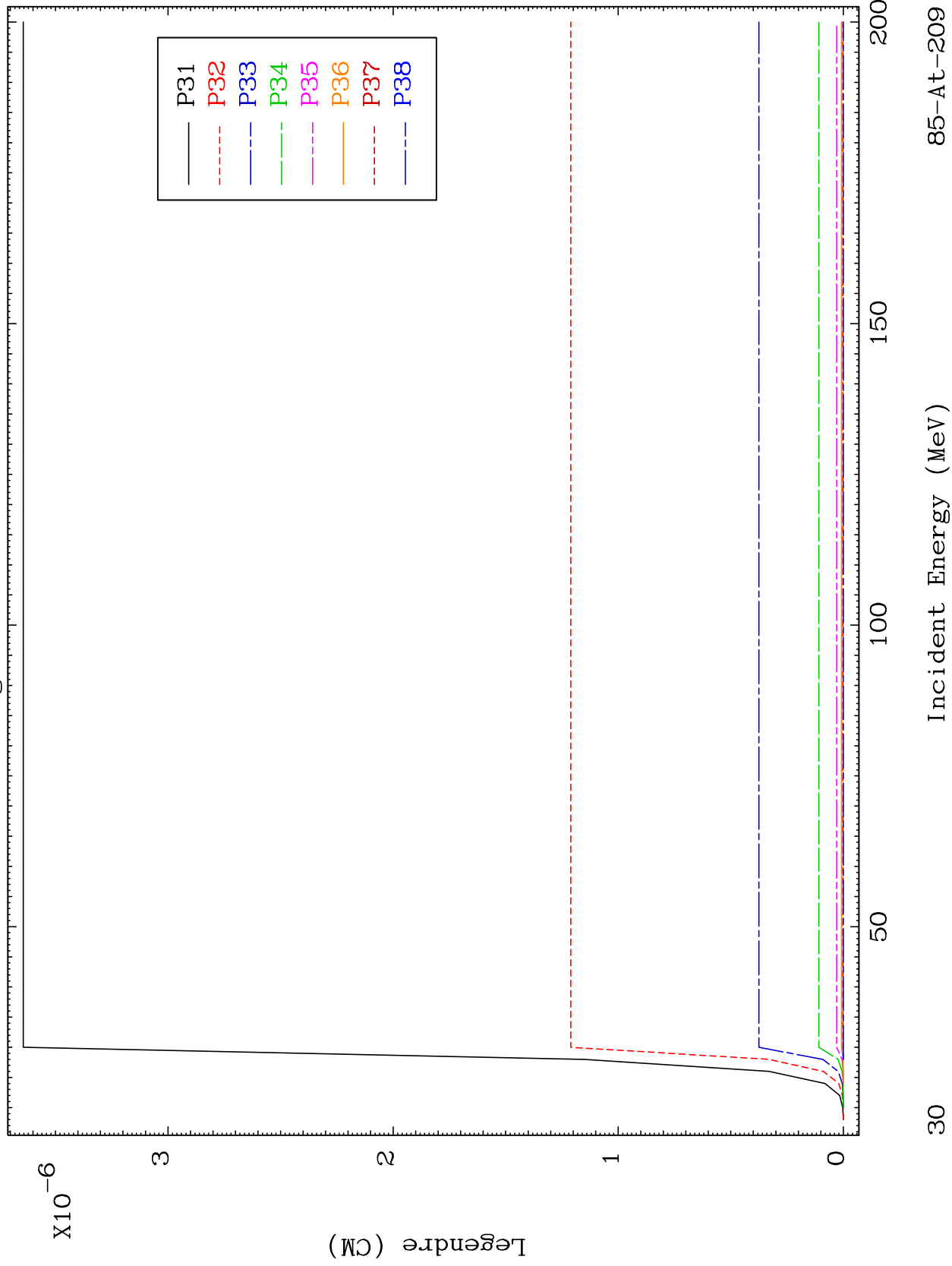
85-At-209



MAT 8543

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

85-At-209

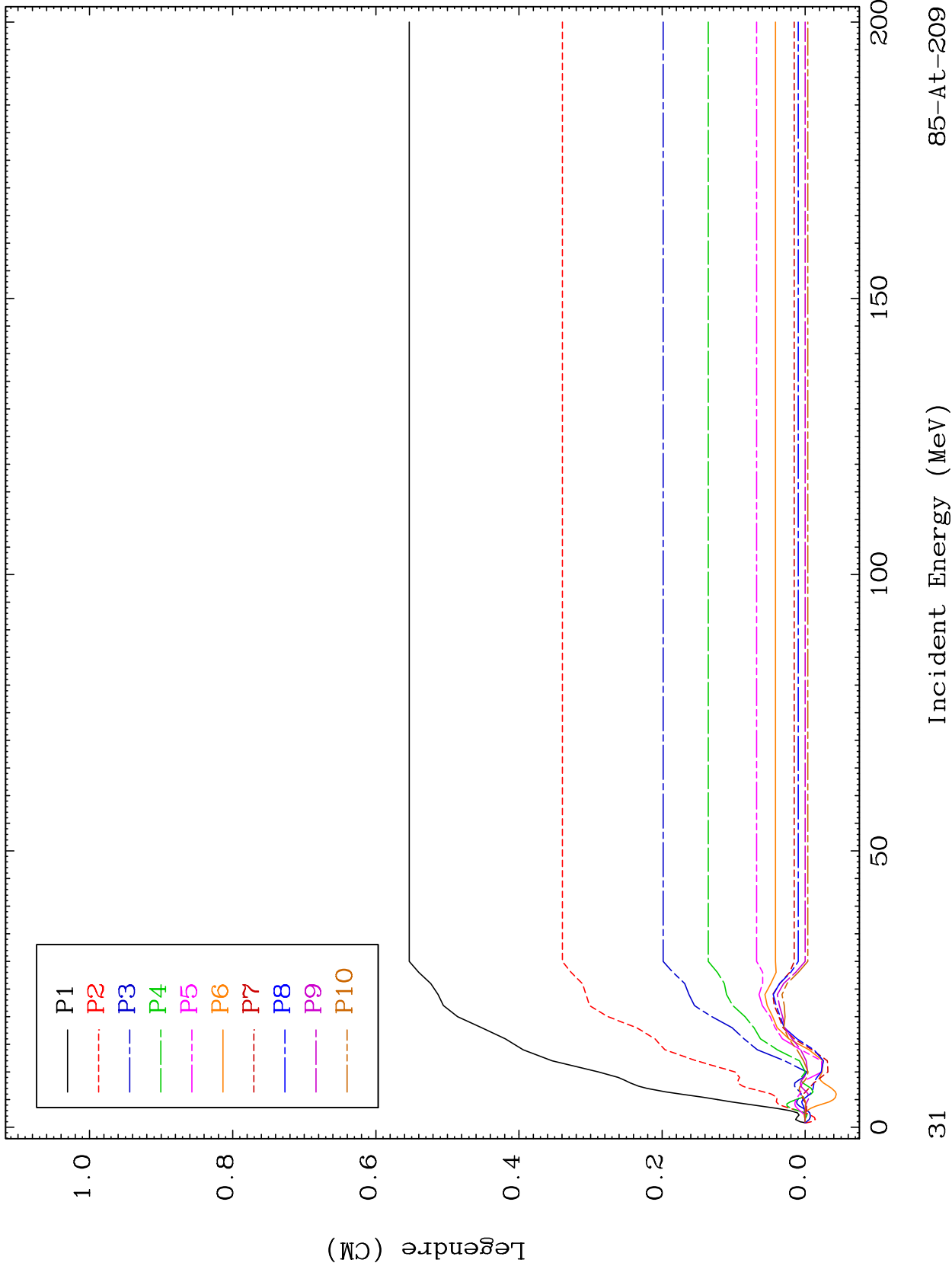


85-At-209

MAT 8543

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

85-At-209



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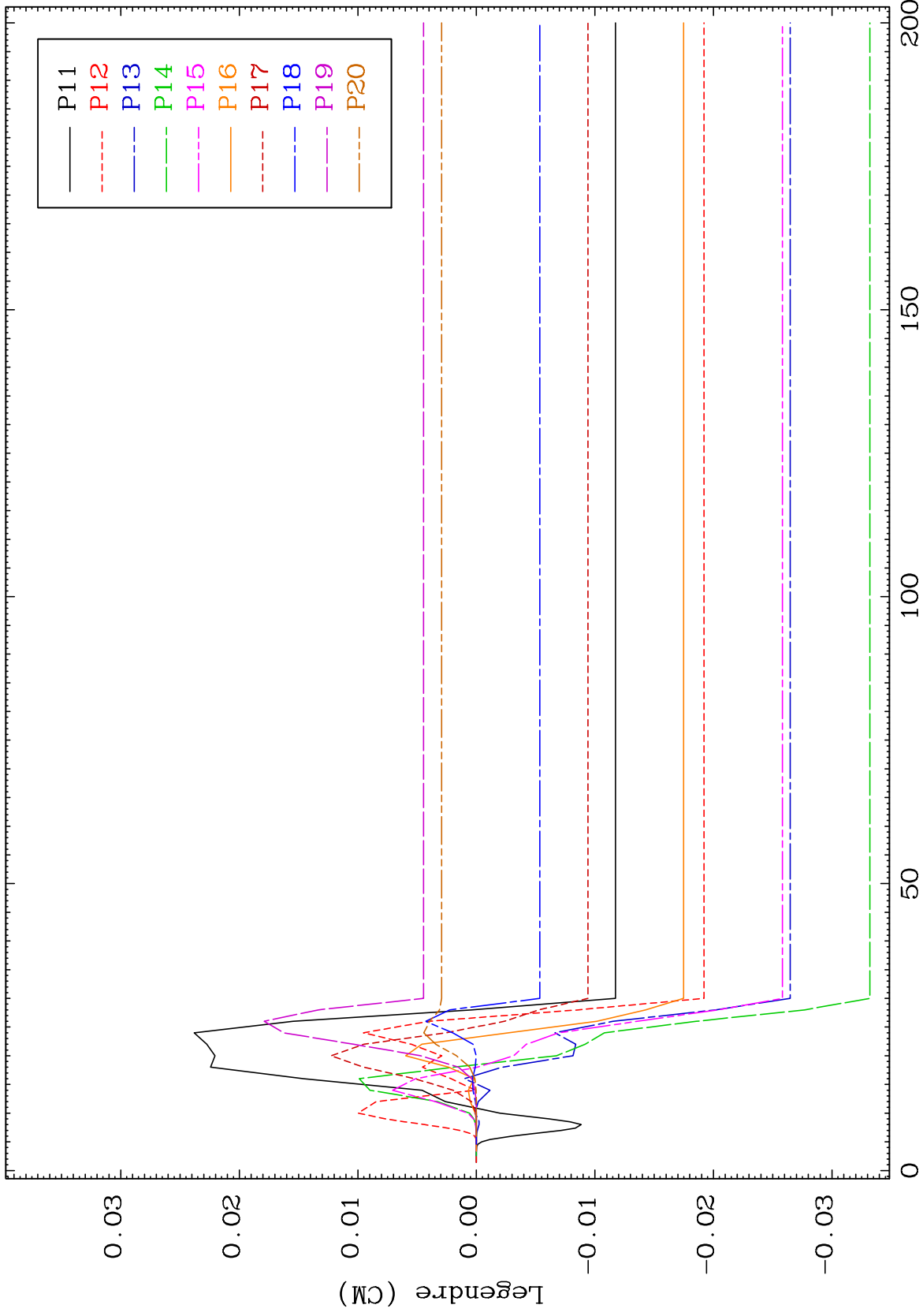
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MAT 8543

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

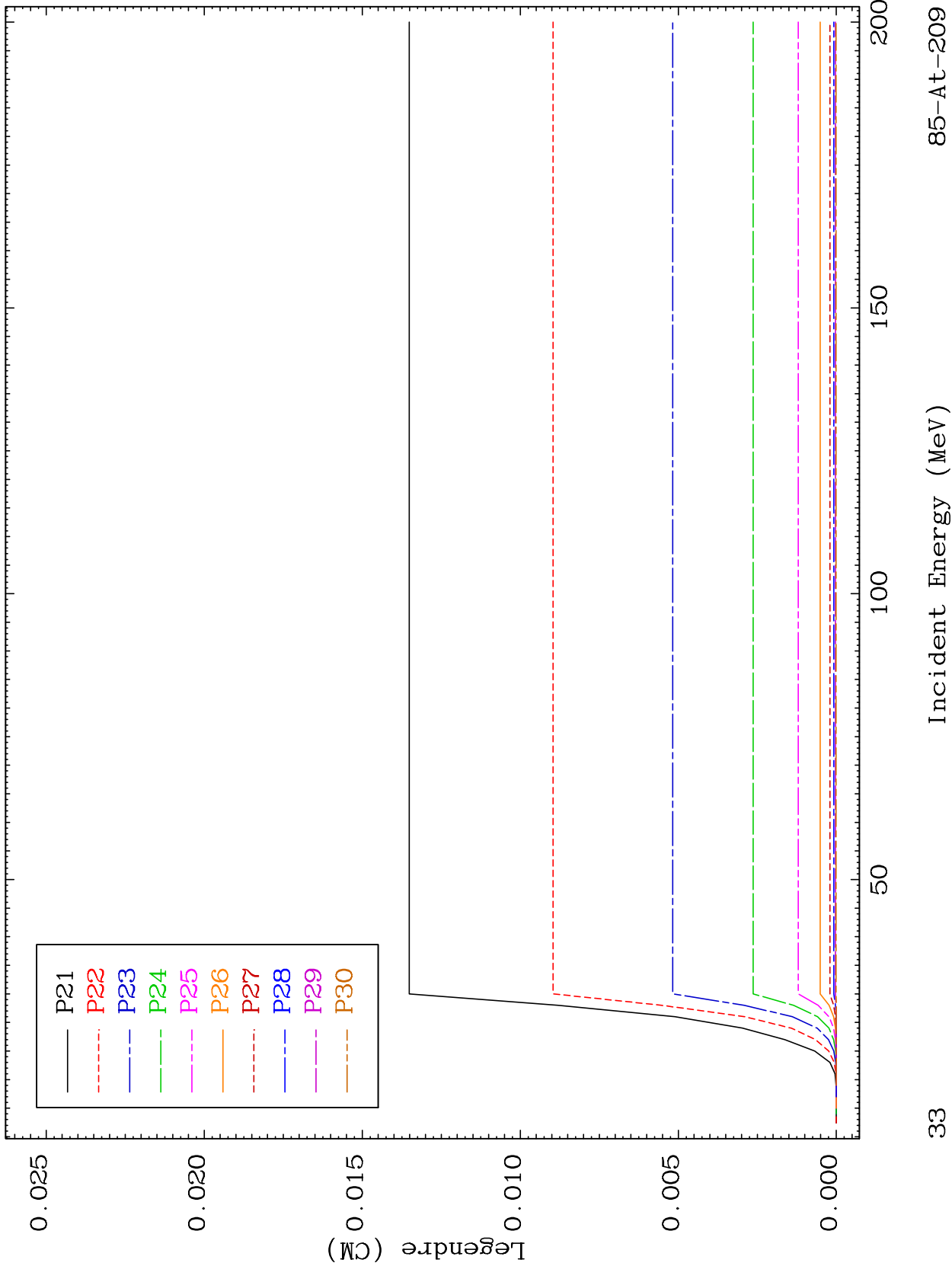
85-At-209



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Incident Energy (MeV)

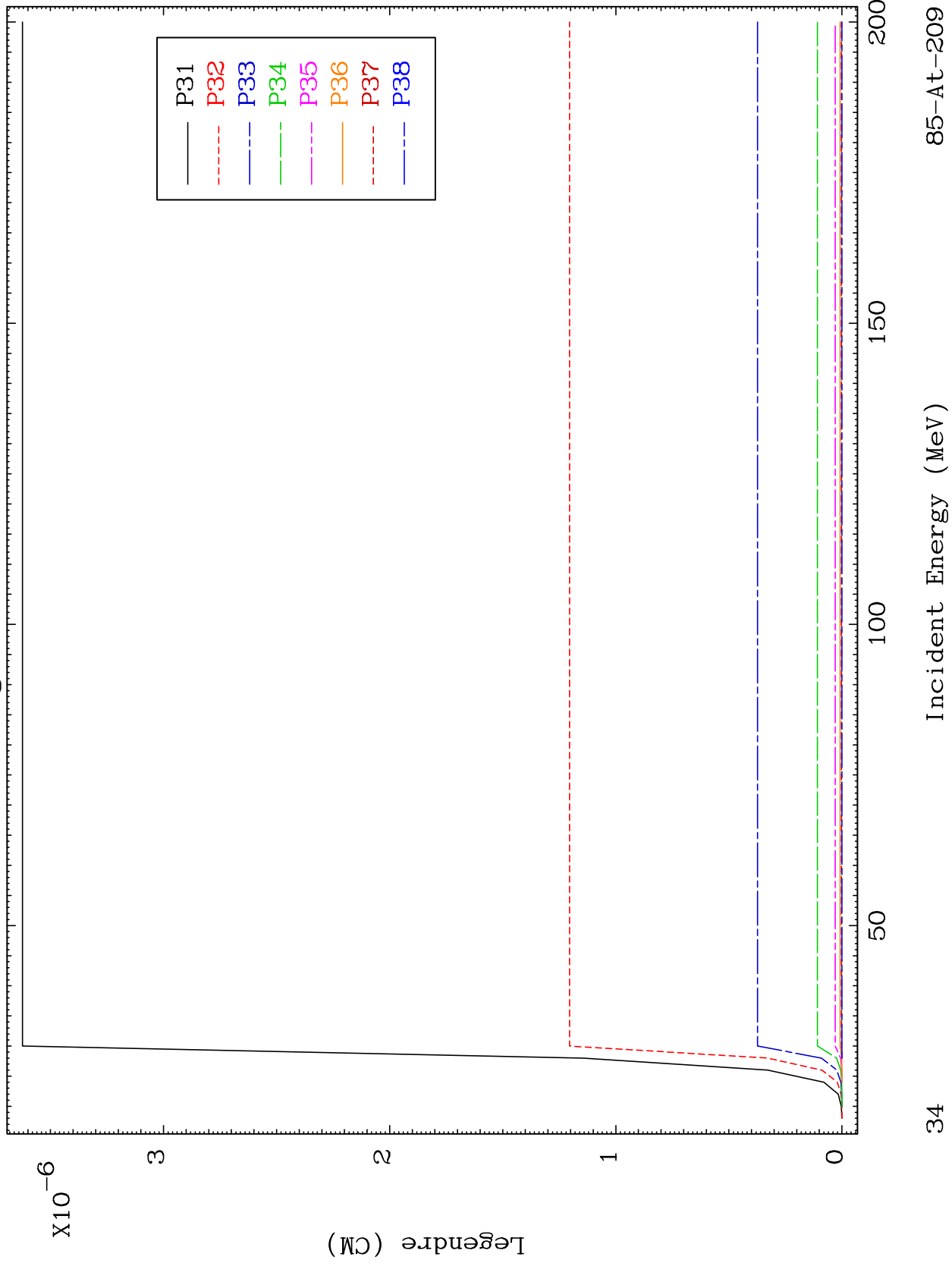
85-At-209



MAT 8543

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

85-At-209



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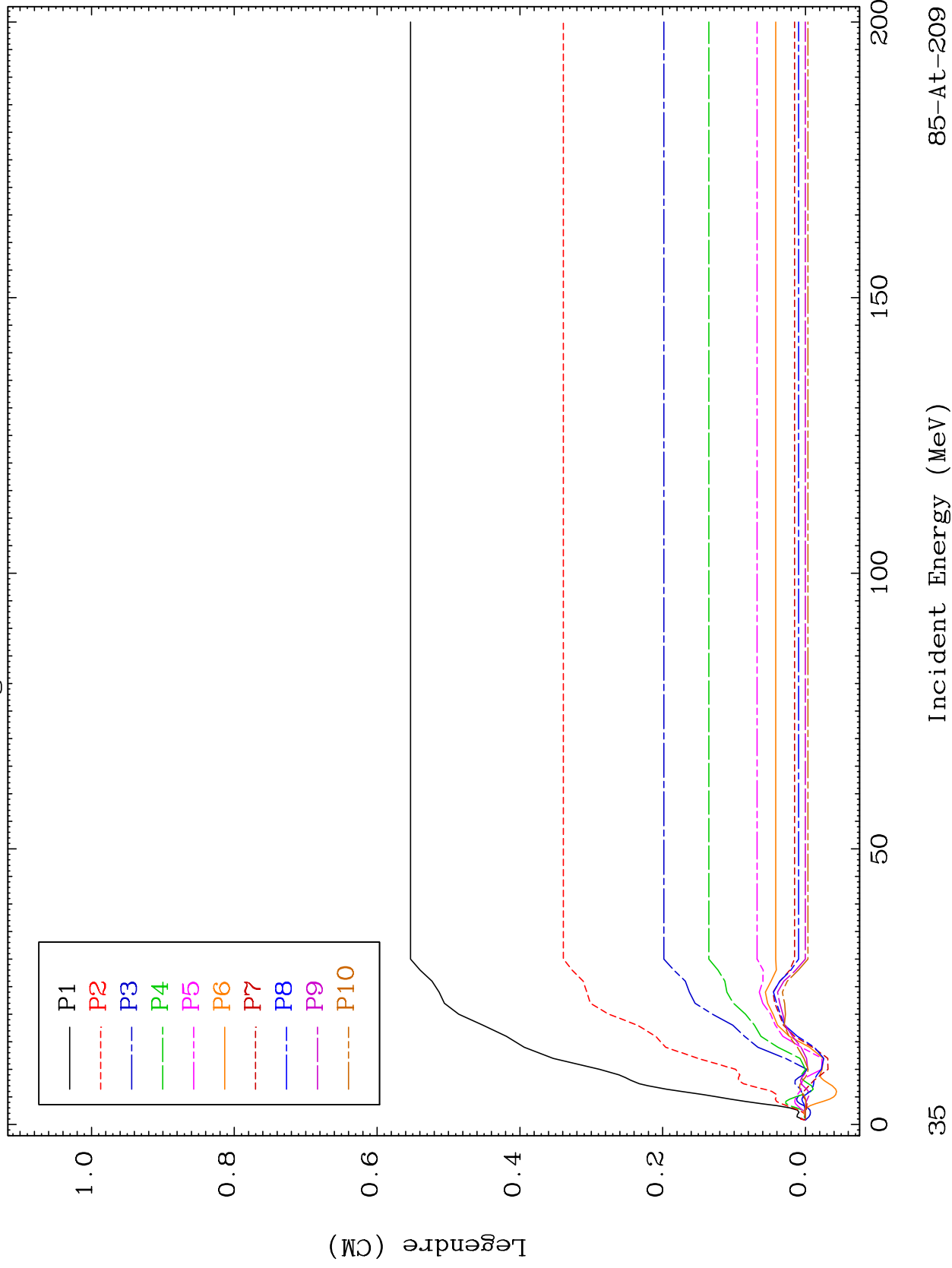
Incident Energy (MeV)

85-At-209

MAT 8543

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

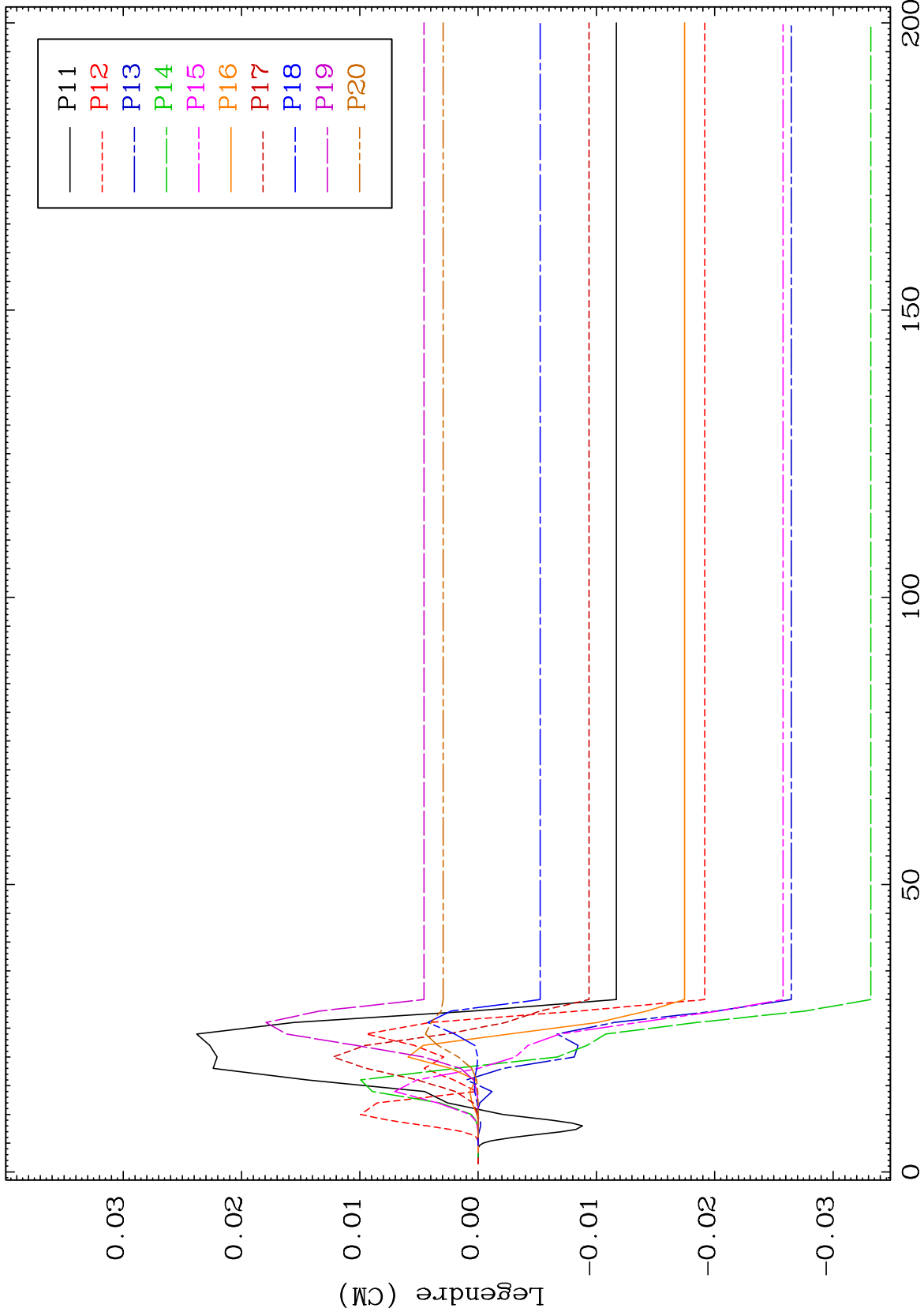
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MAT 8543

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

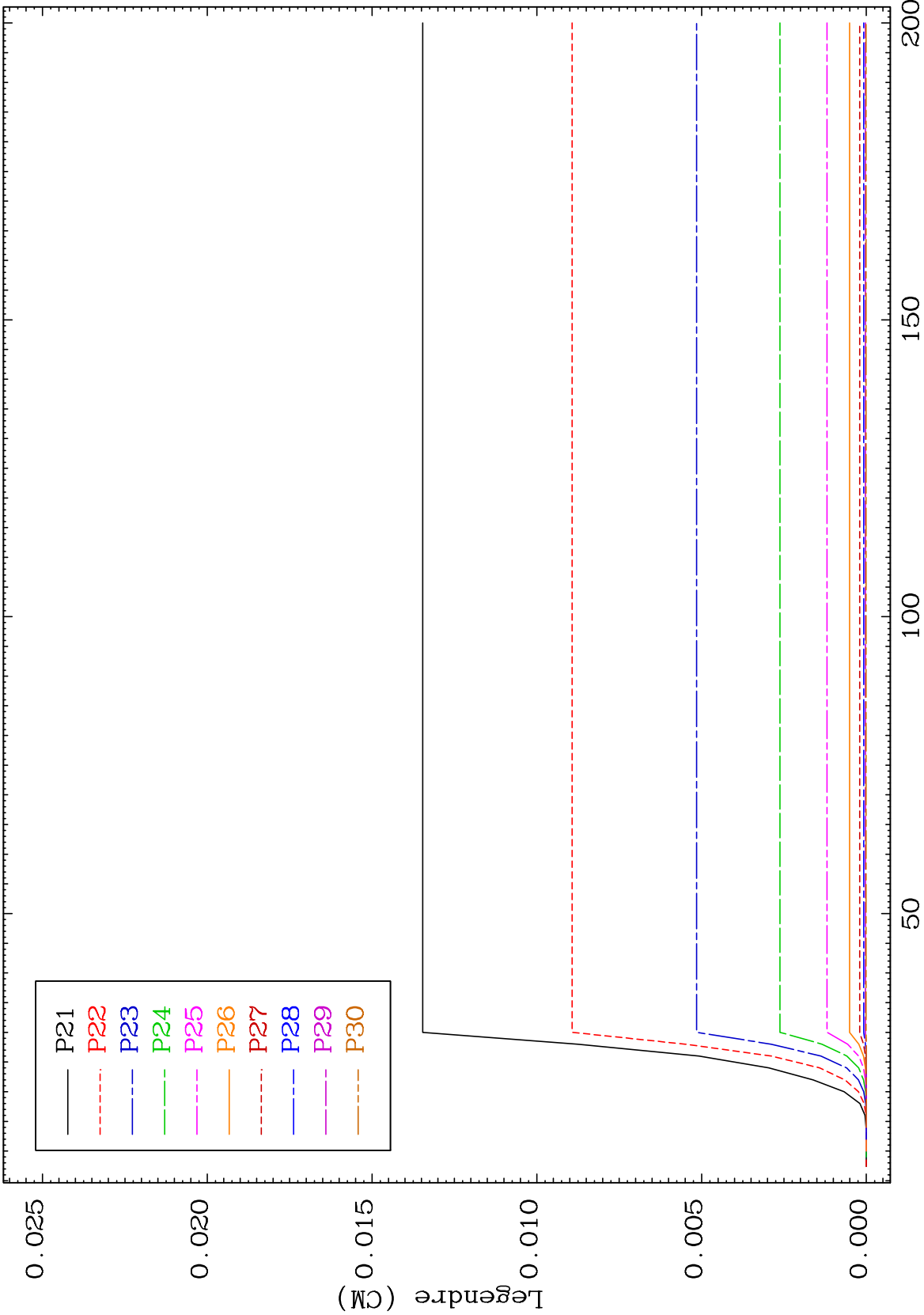
85-At-209



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Incident Energy (MeV)

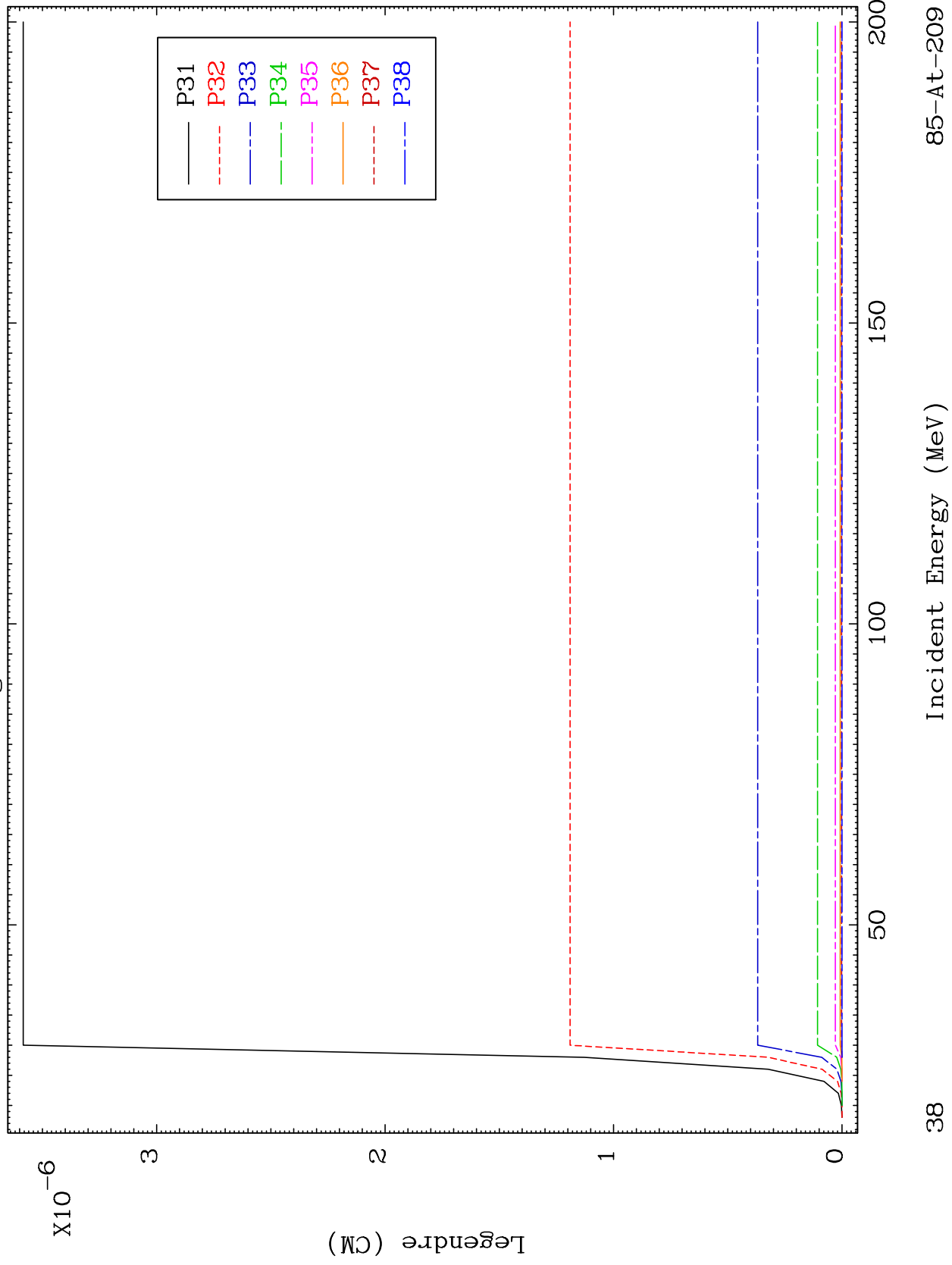
85-At-209



MAT 8543

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

85-At-209



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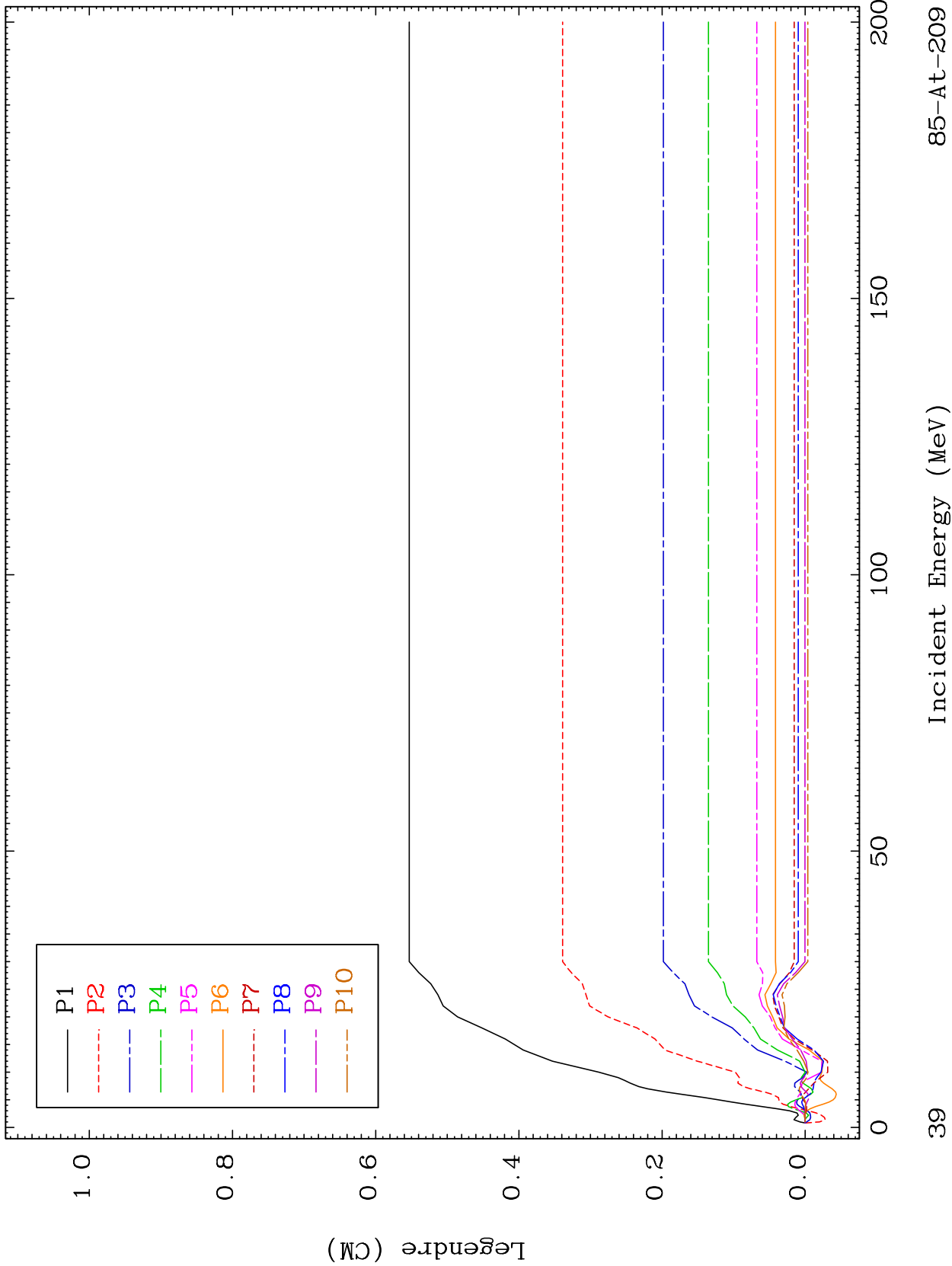
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



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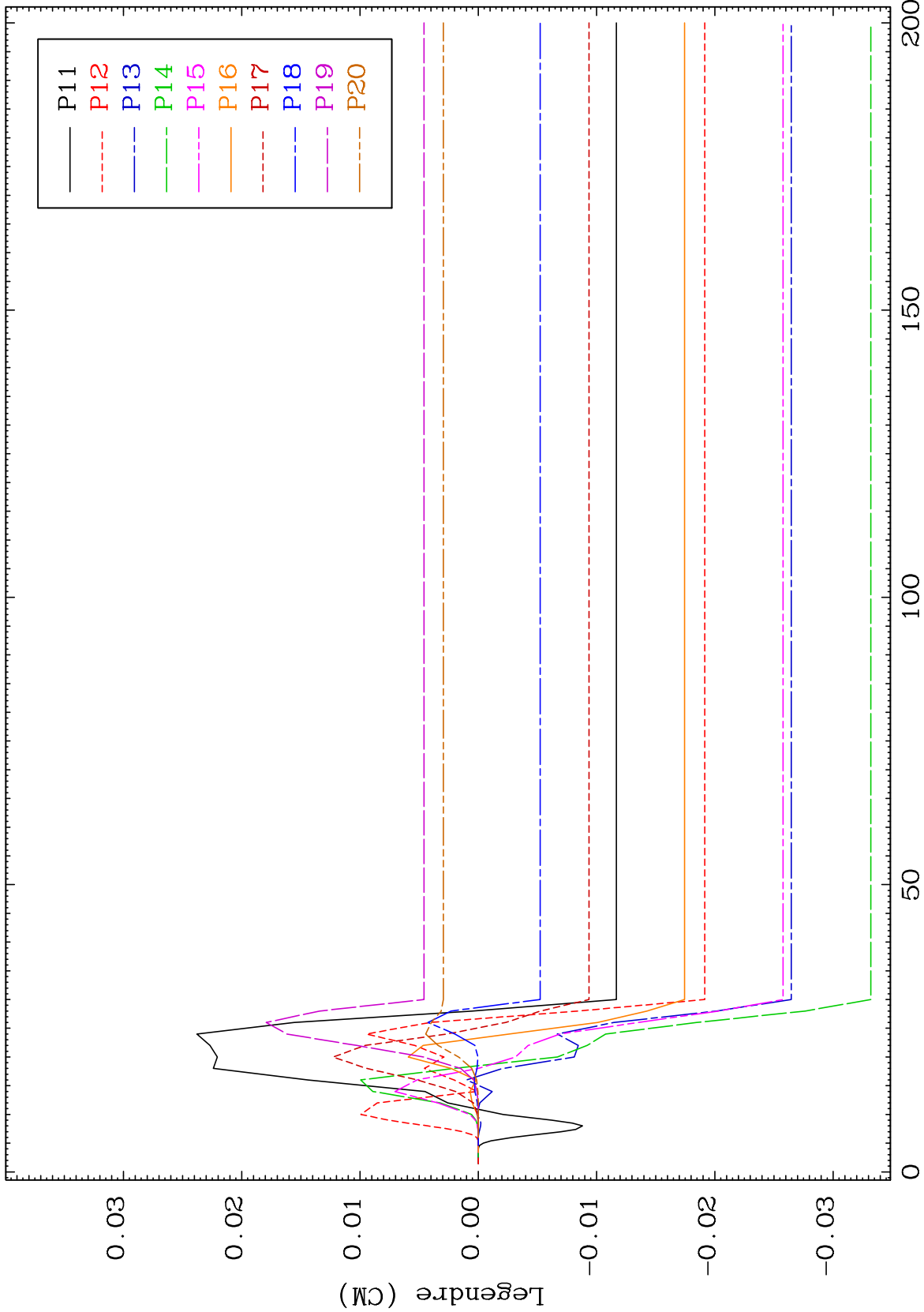
85-At-209



MAT 8543

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

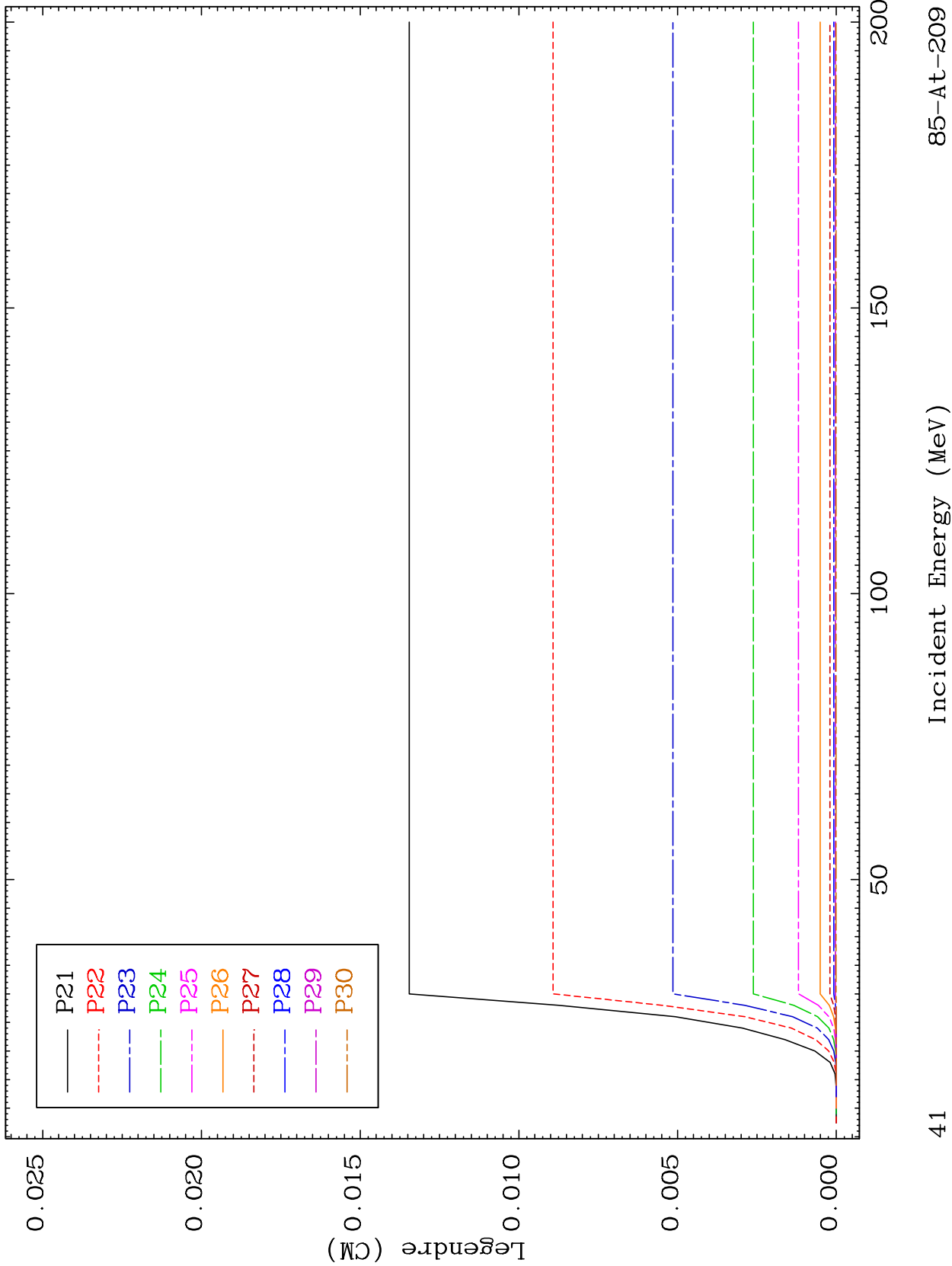
85-At-209



85-At-209

Incident Energy (MeV)

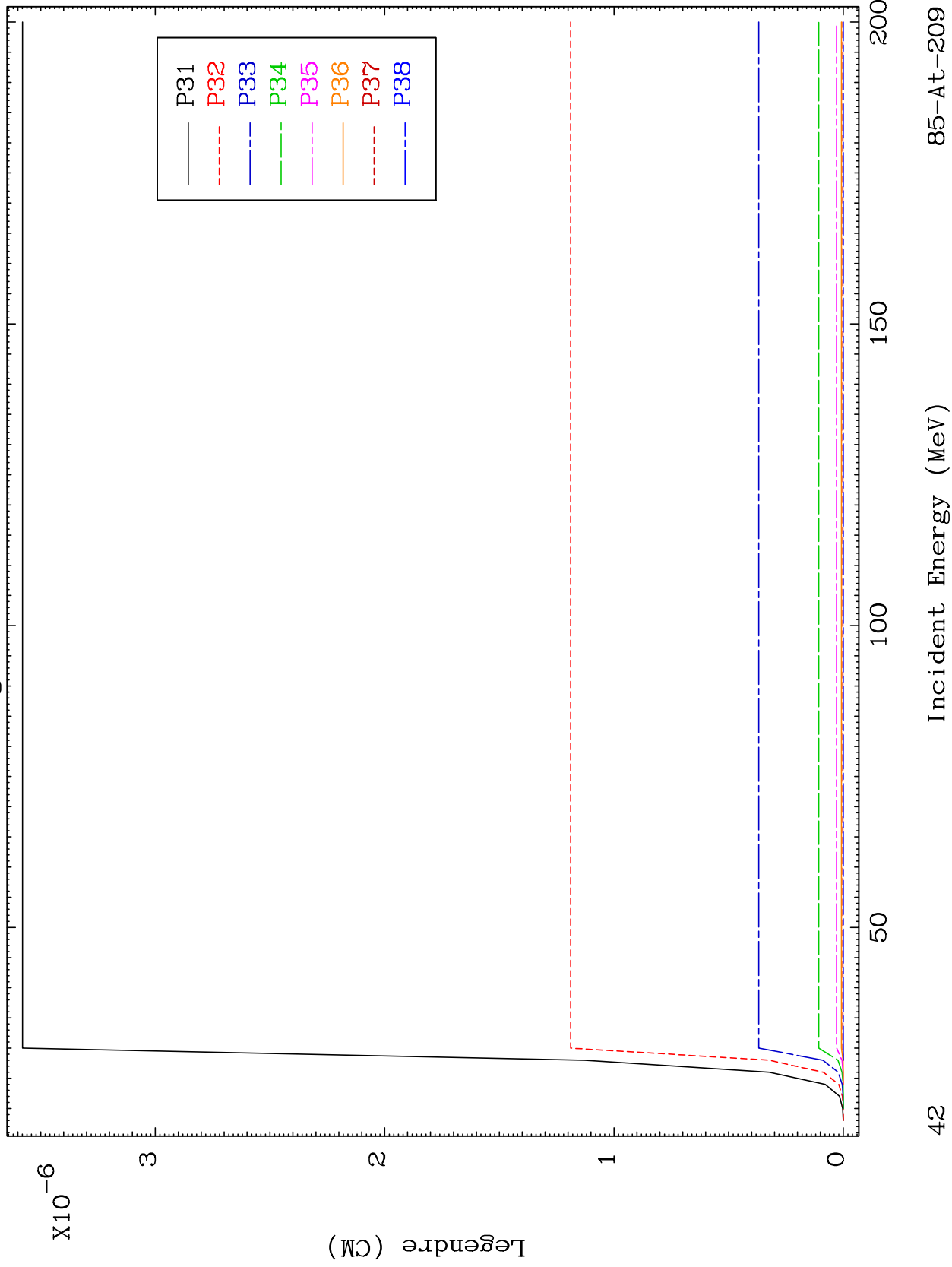
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MAT 8543

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

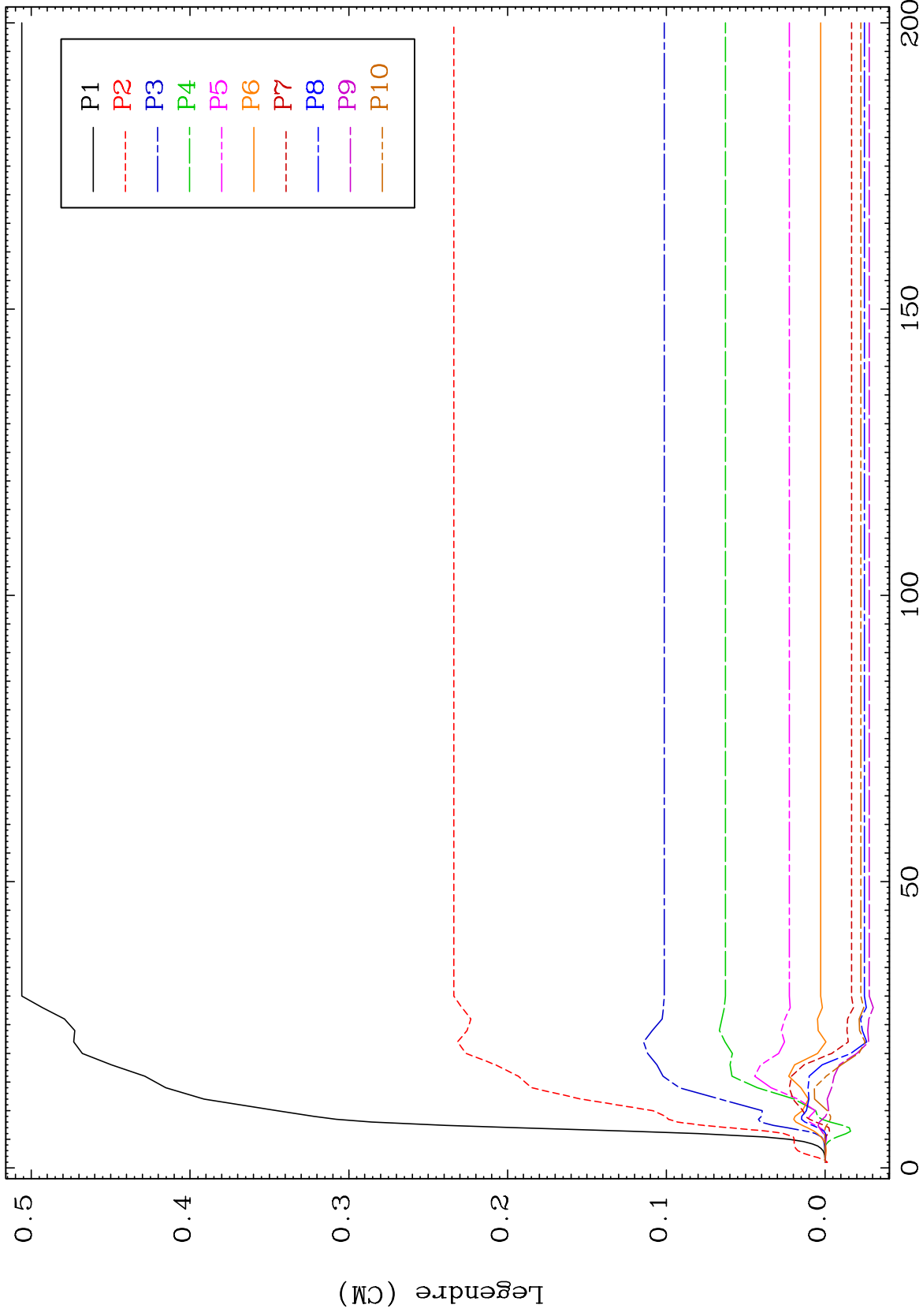
85-At-209



MAT 8543

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

85-At-209



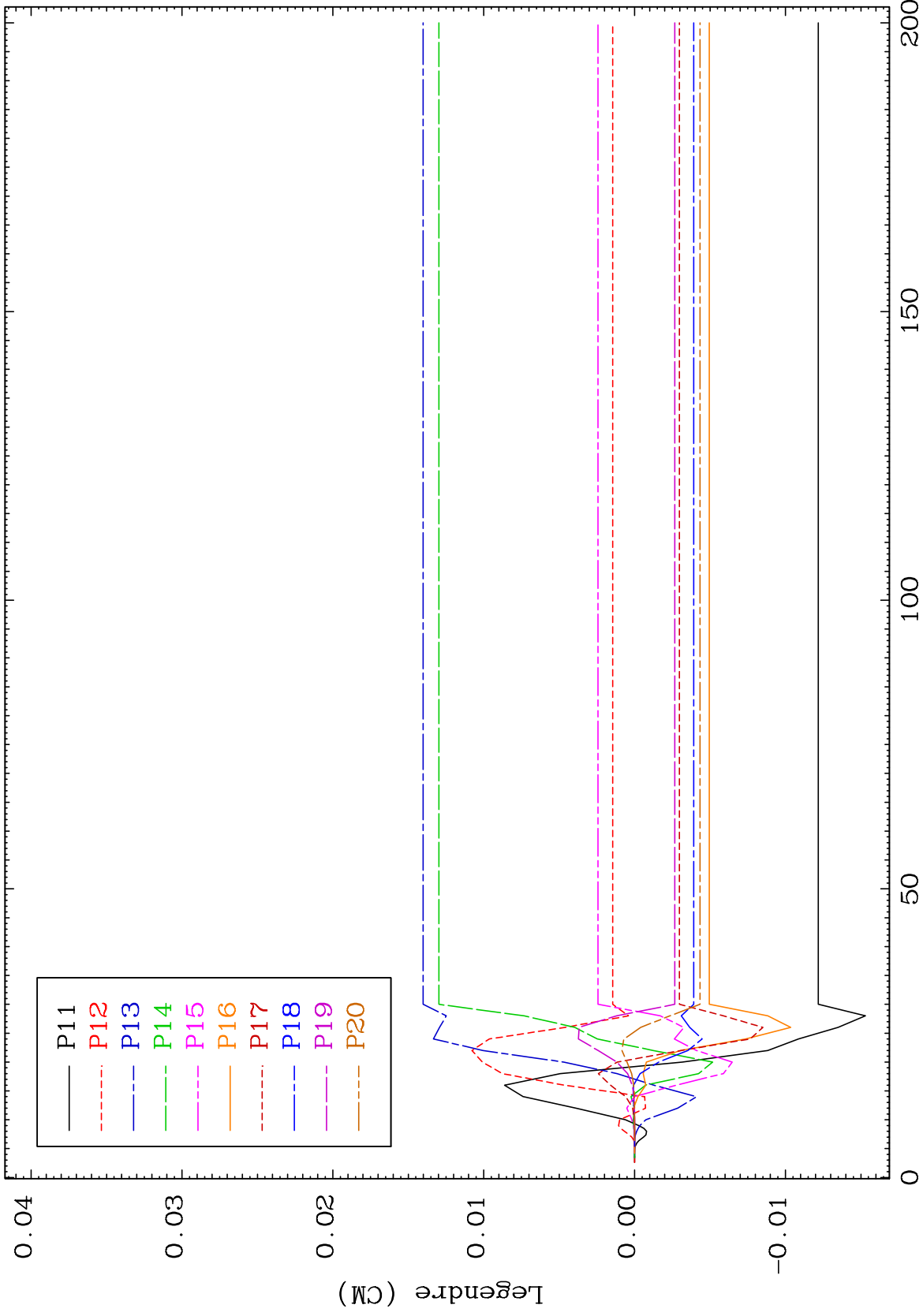
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85-At-209

MAT 8543

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

85-At-209



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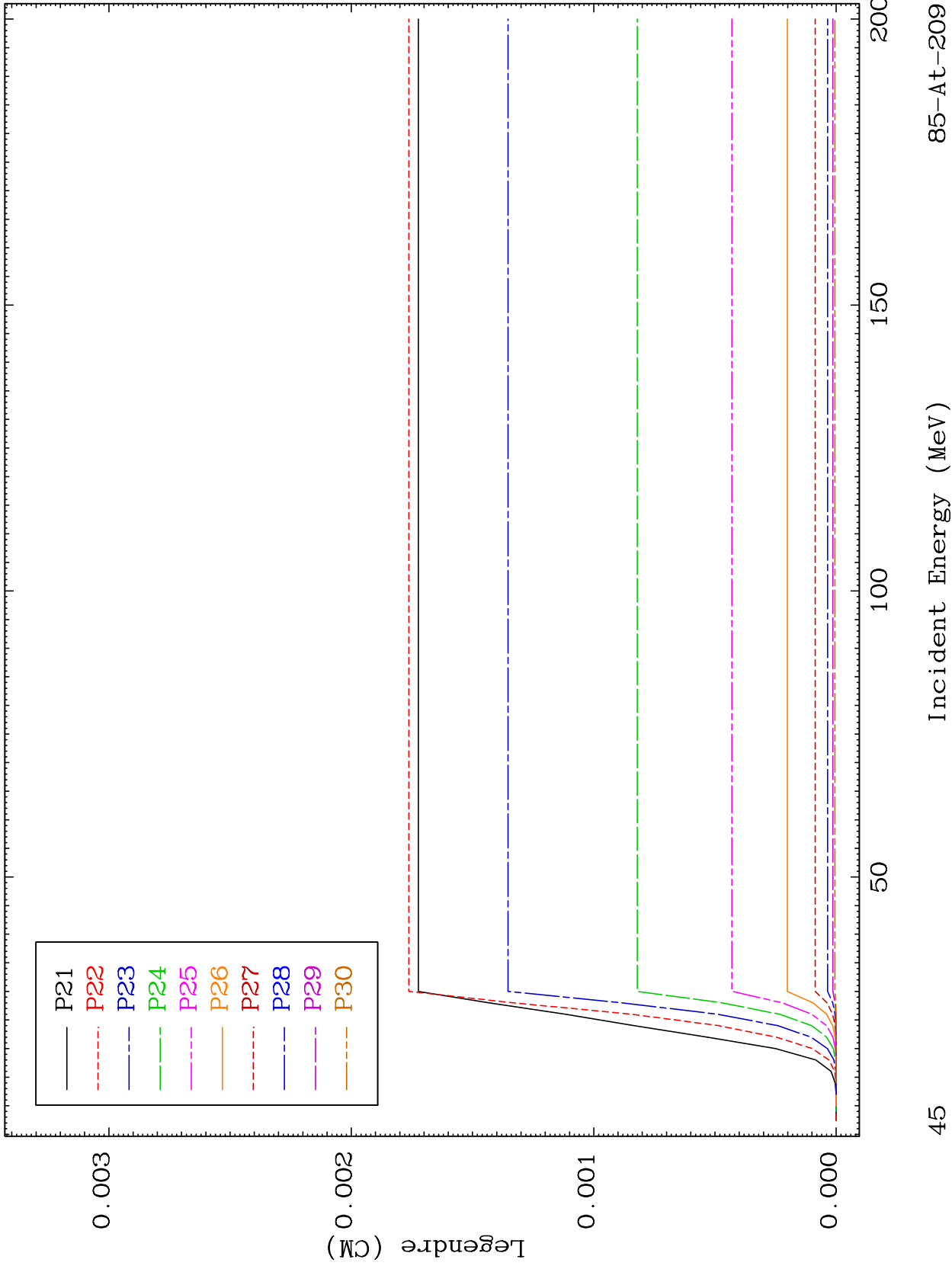
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



45

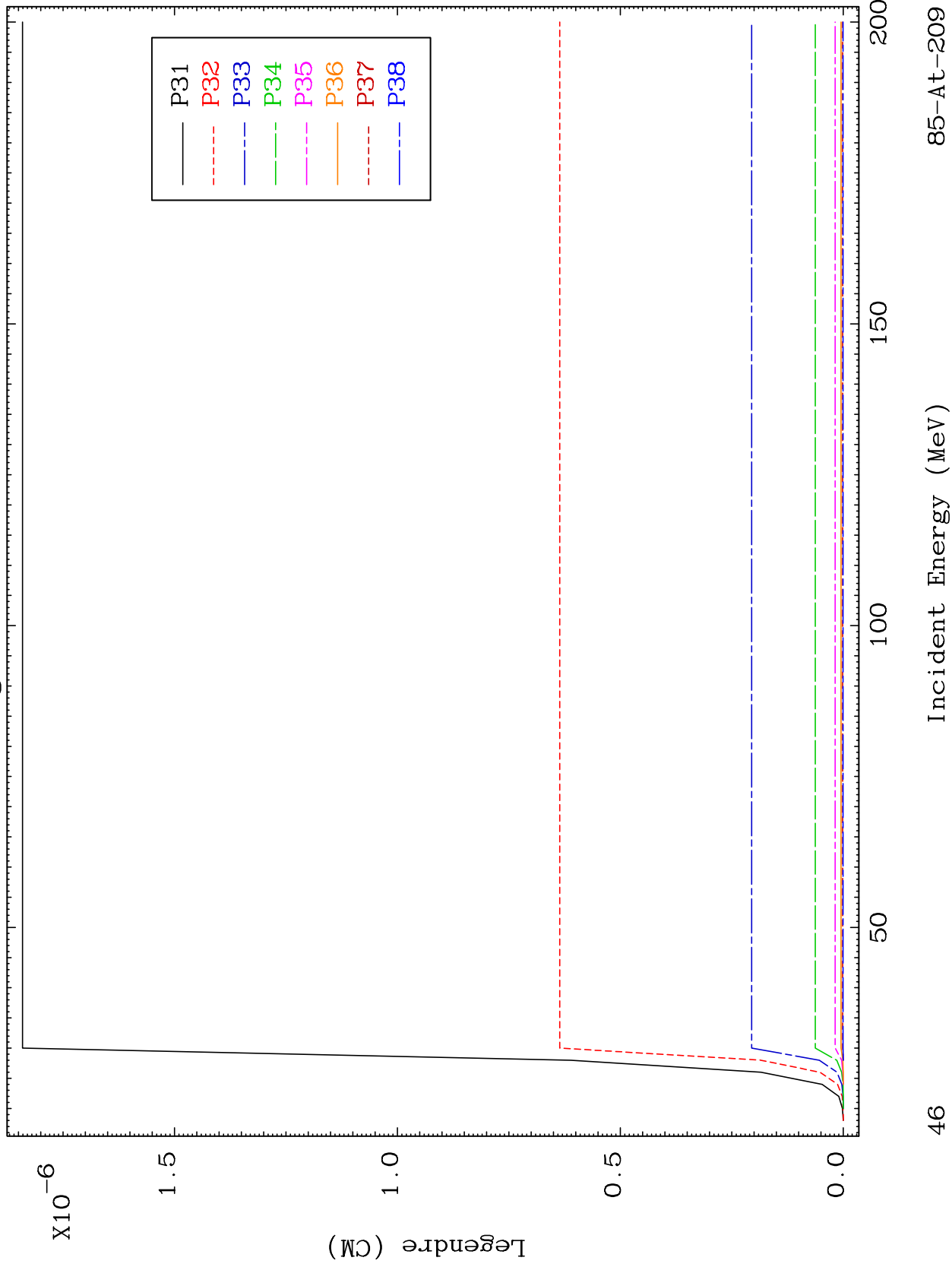
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



46

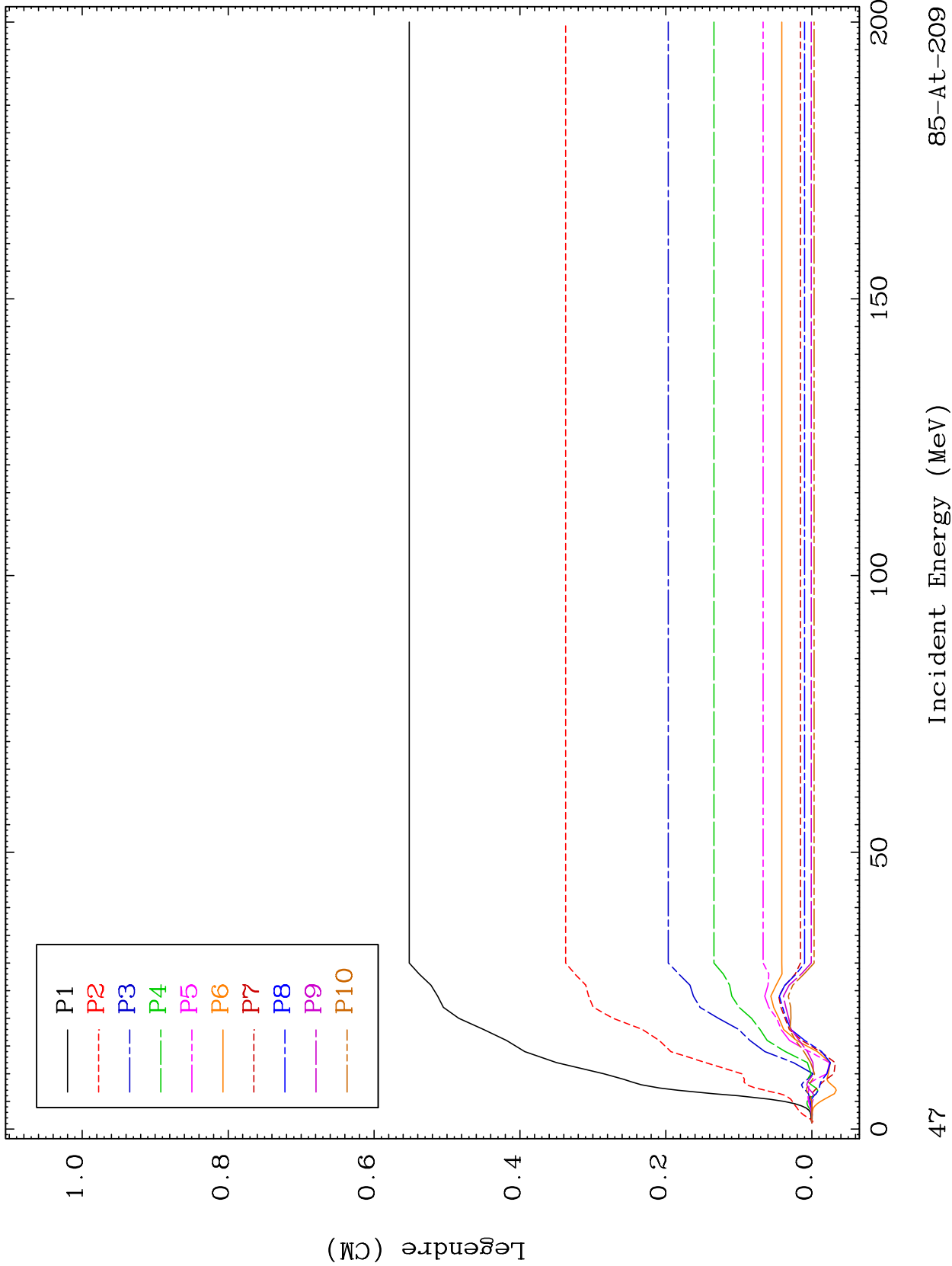
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



47

Incident Energy (MeV)

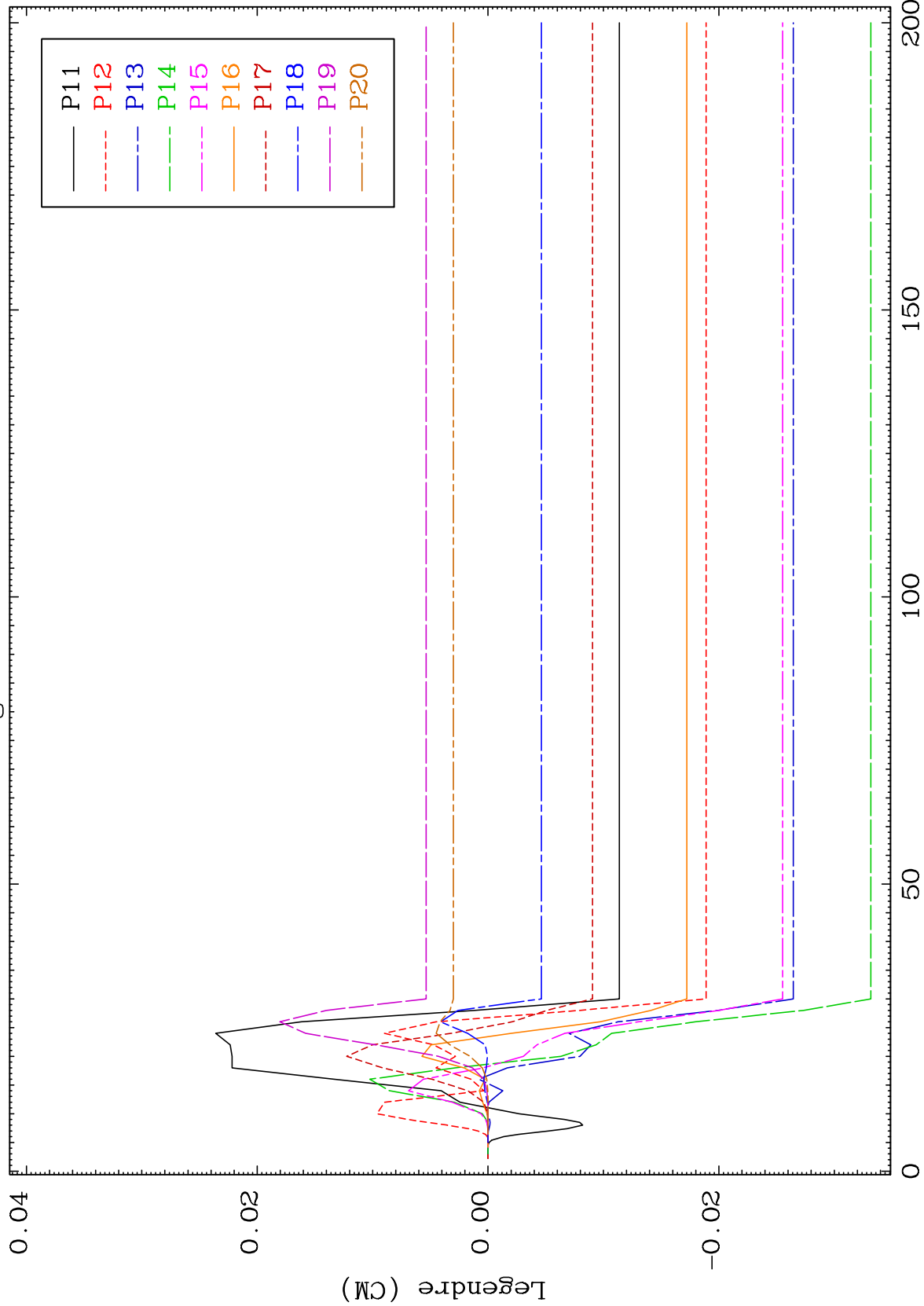
85-At-209



MAT 8543

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

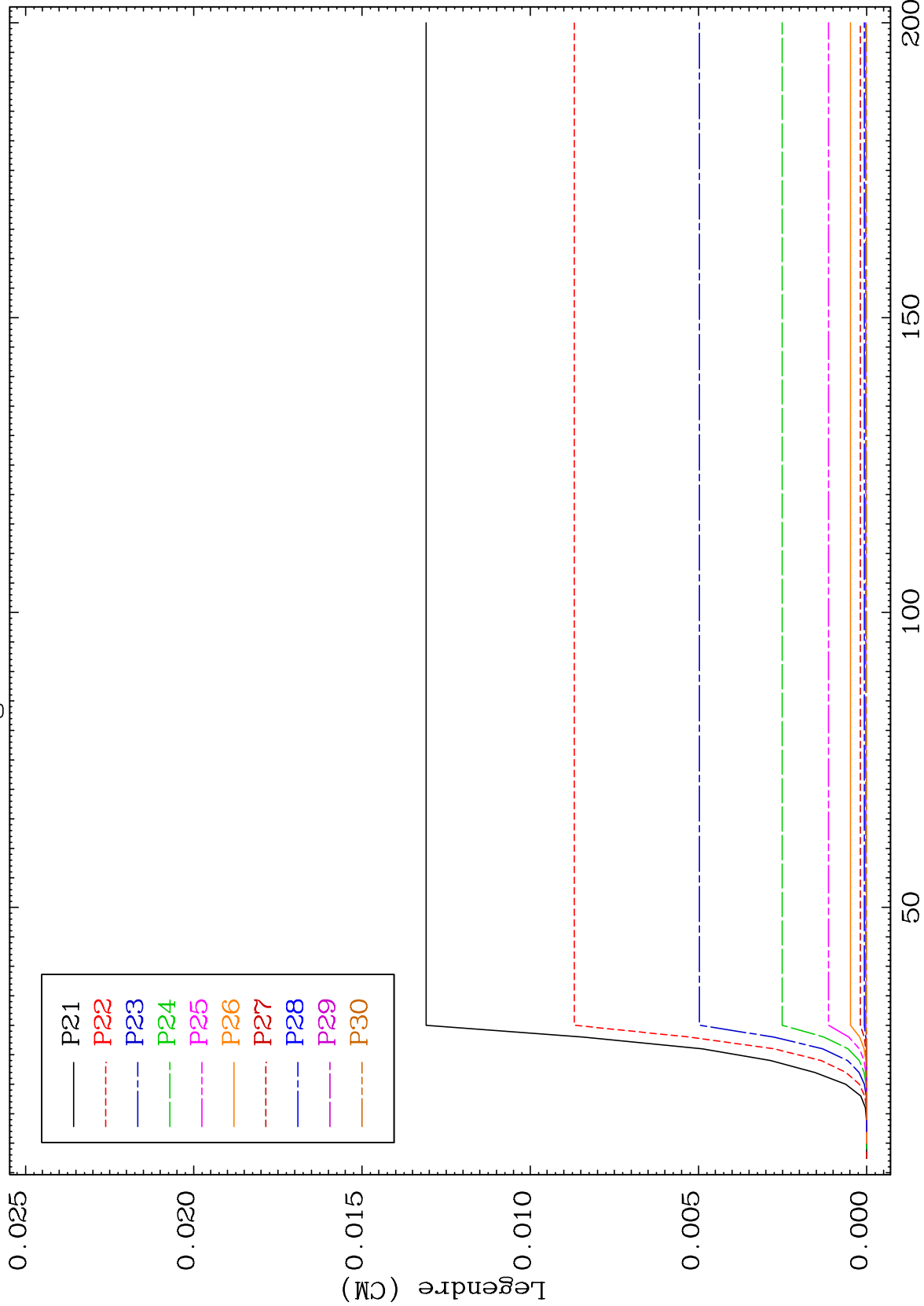
85-At-209



48

Incident Energy (MeV)

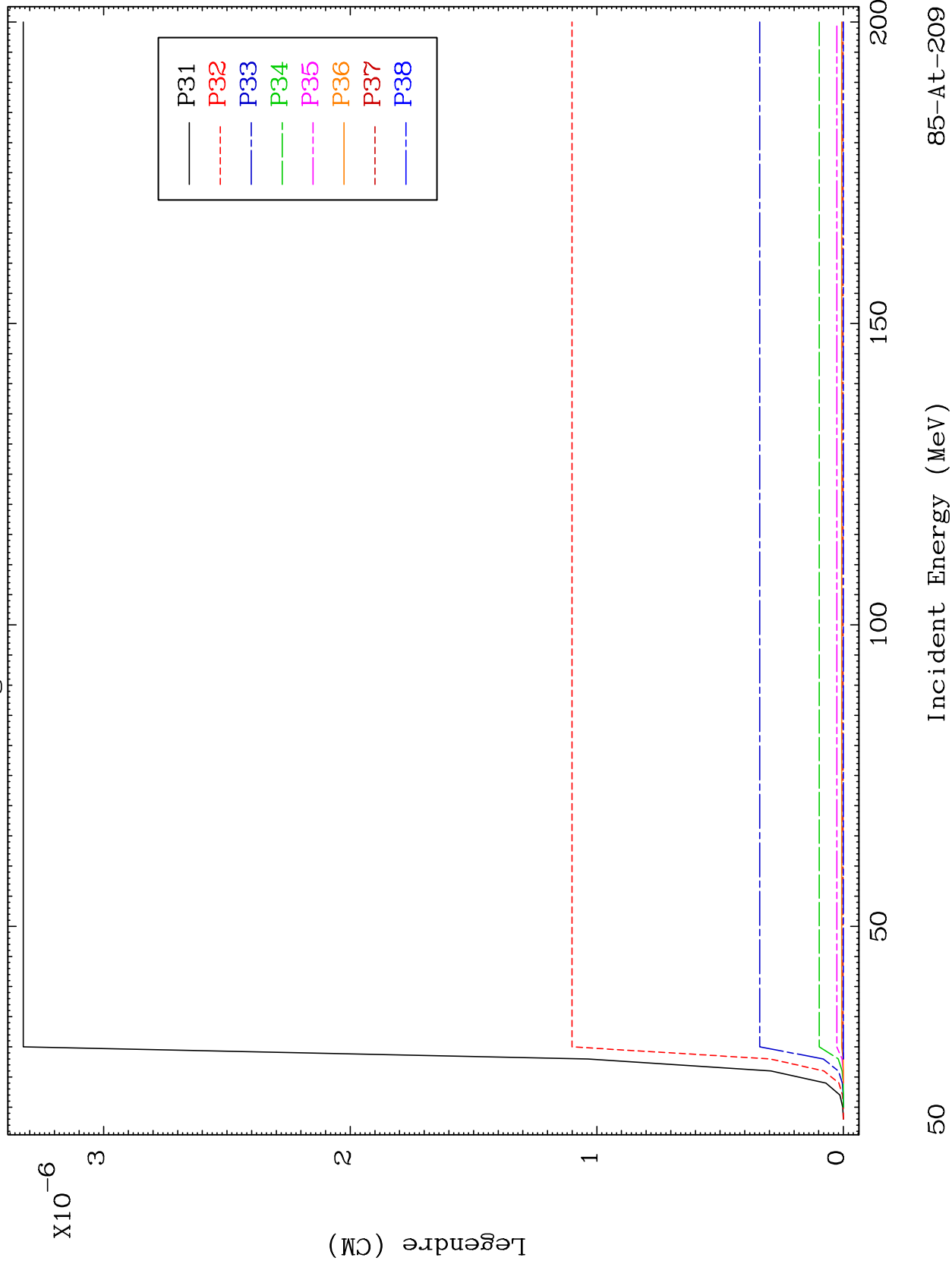
85-At-209



MAT 8543

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

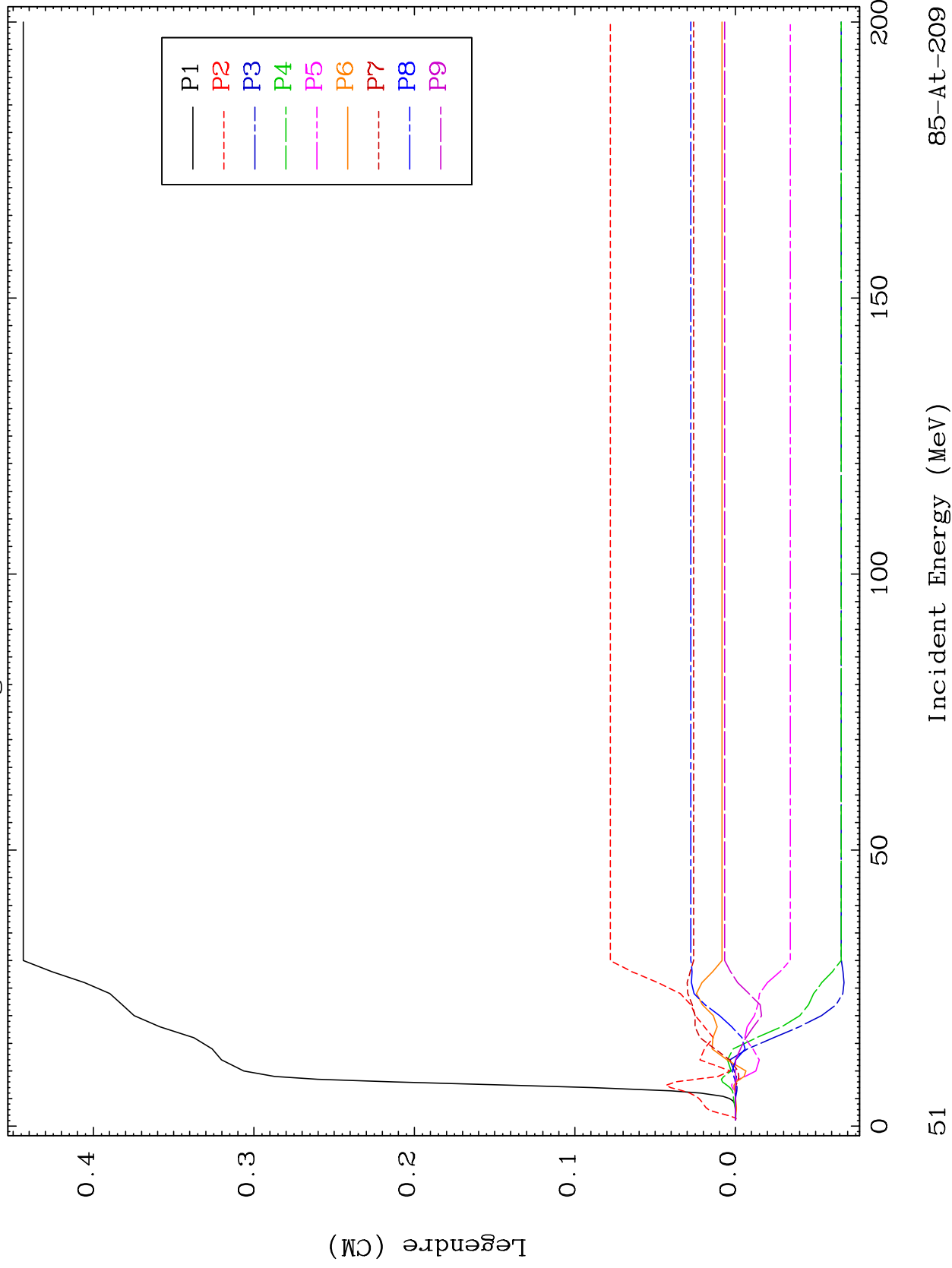
85-At-209



MAT 8543

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

85-At-209



85-At-209

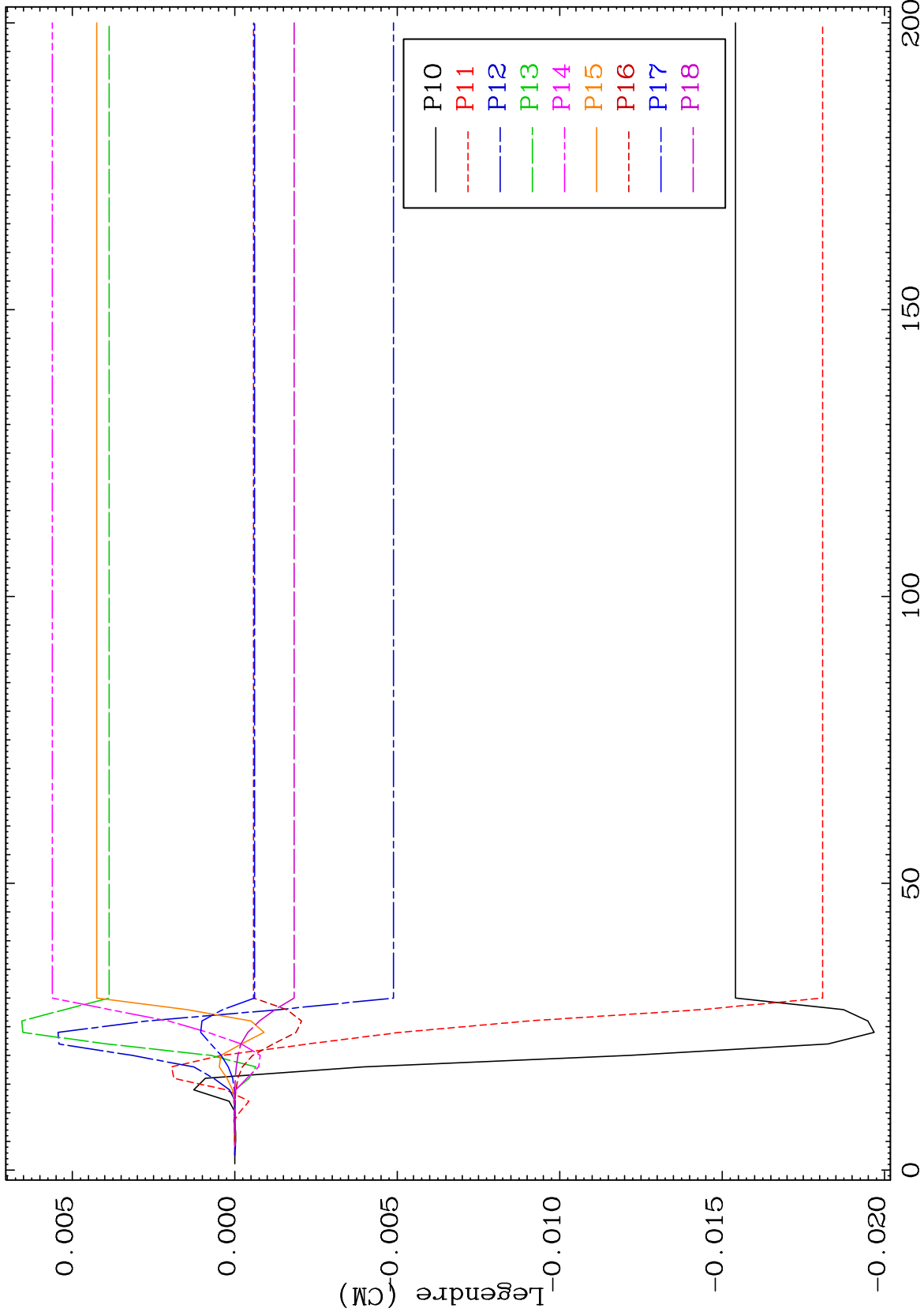
Incident Energy (MeV)

51

MAT 8543

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

85-At-209



52

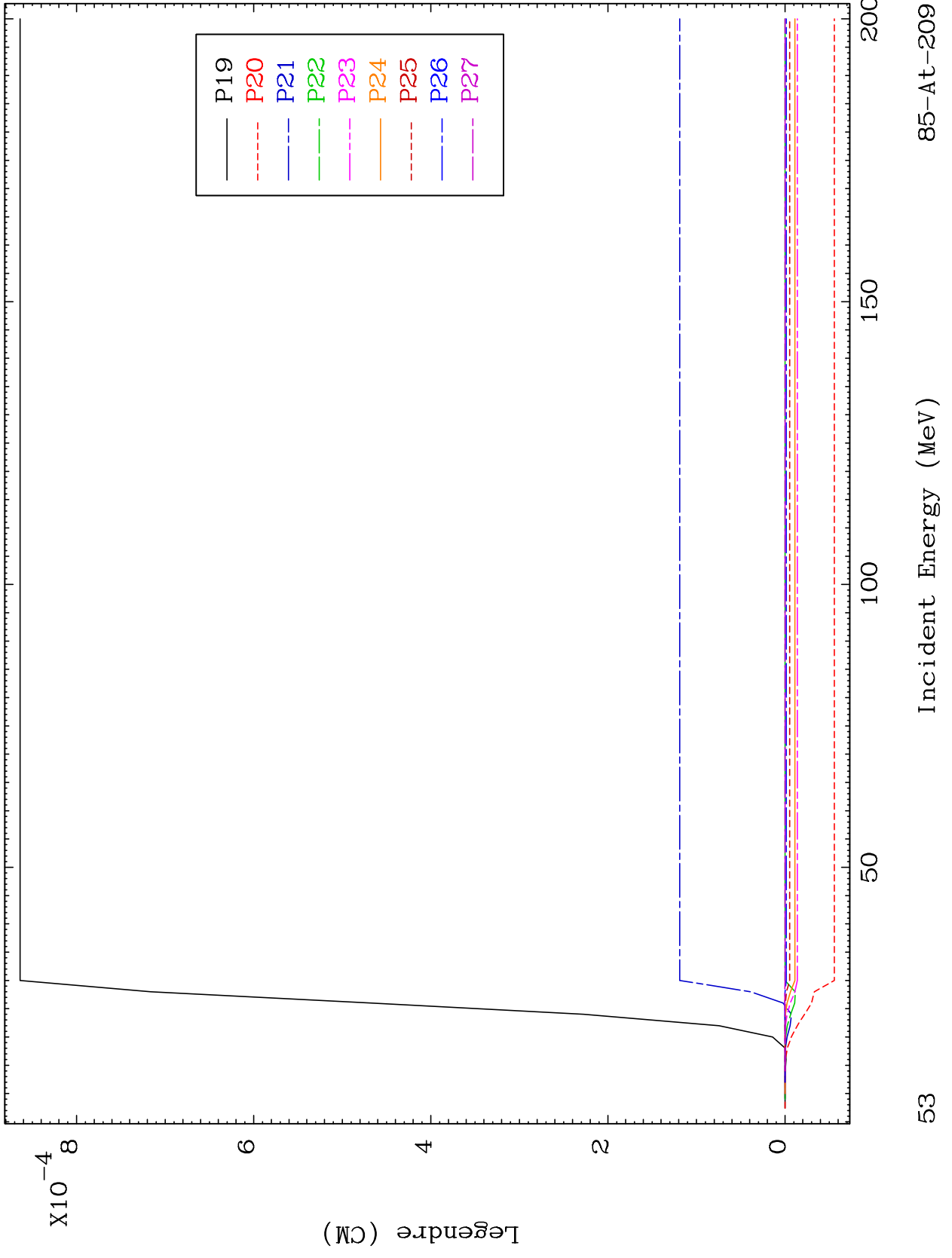
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



53

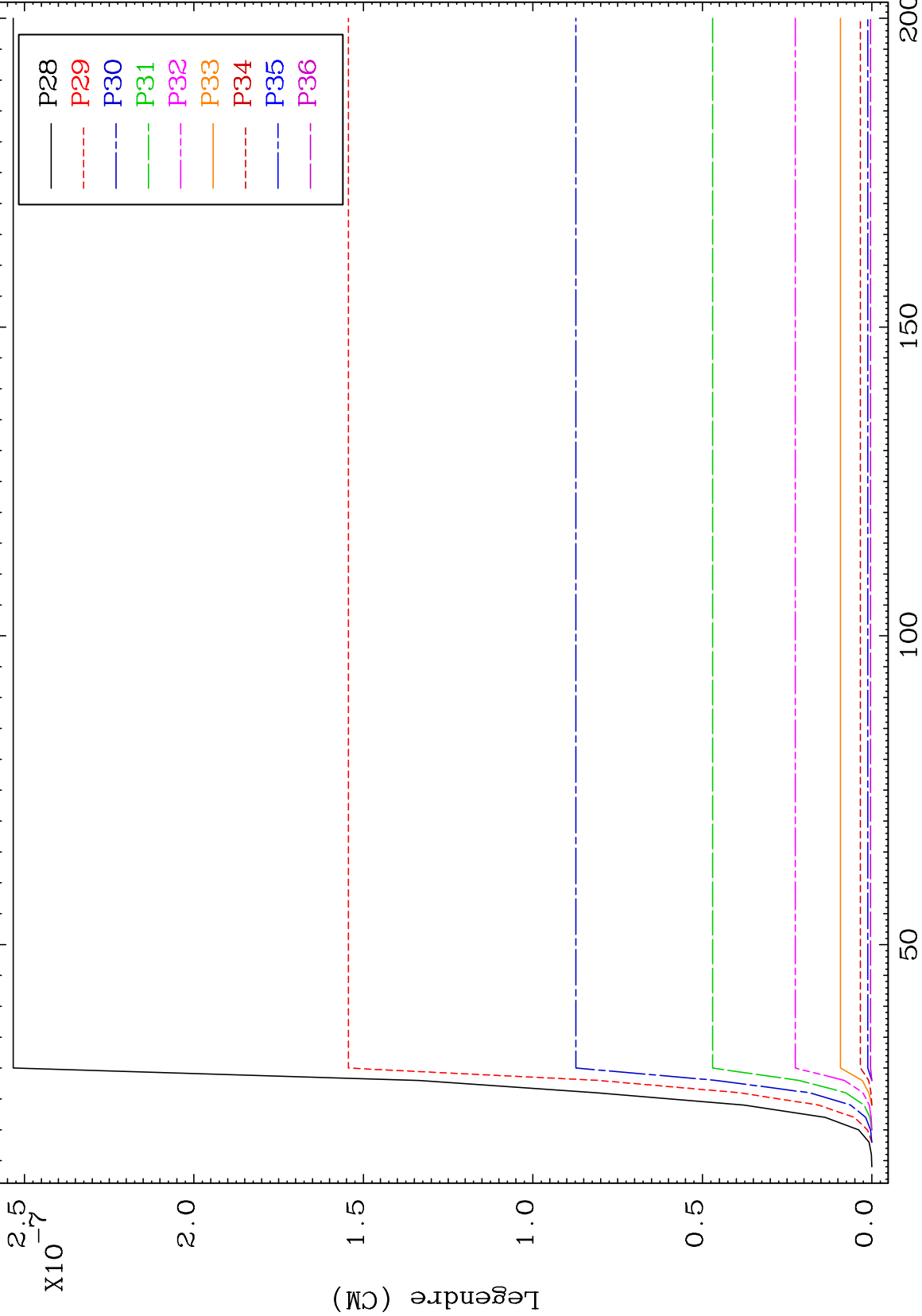
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



54

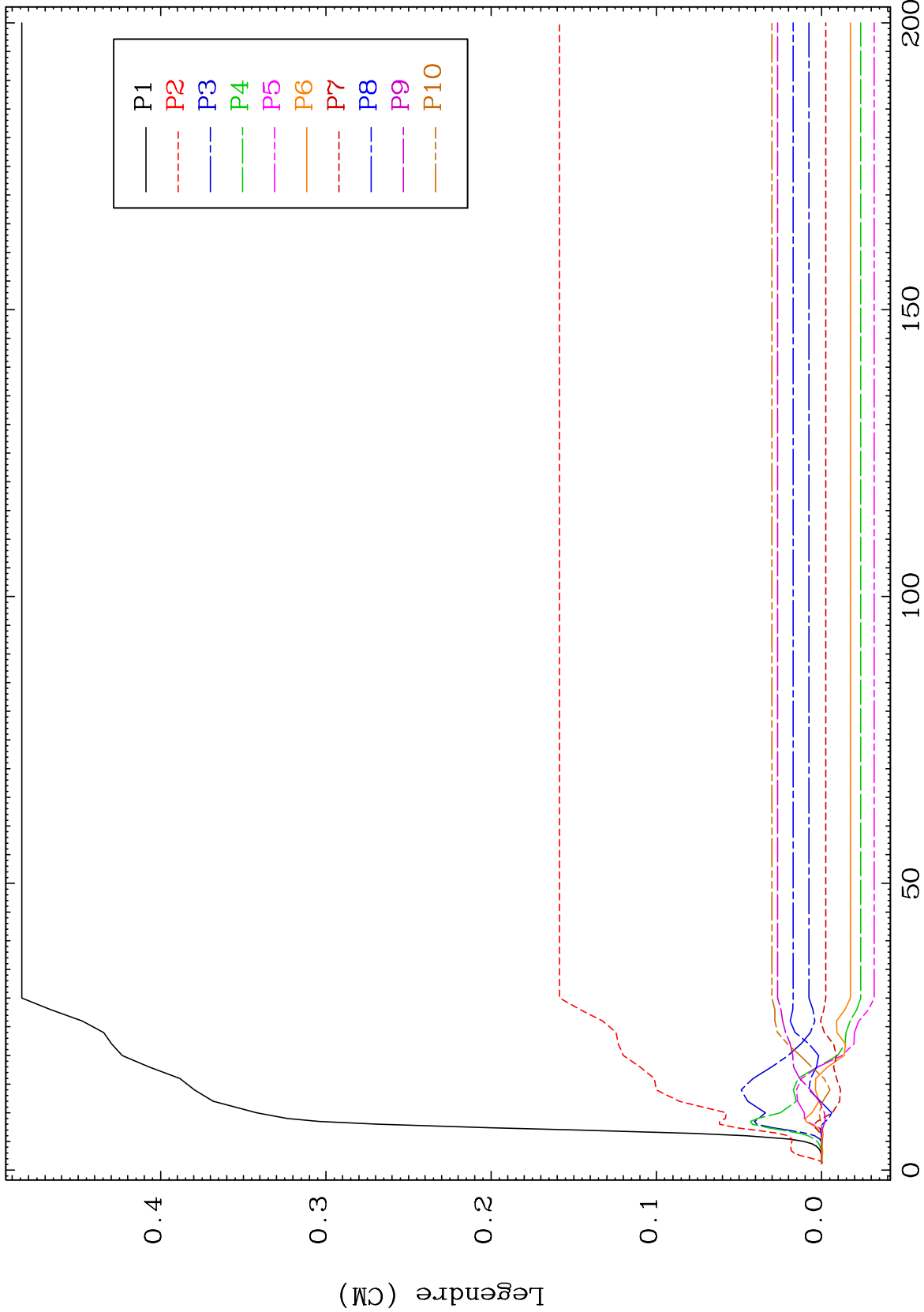
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

Incident Energy (MeV)

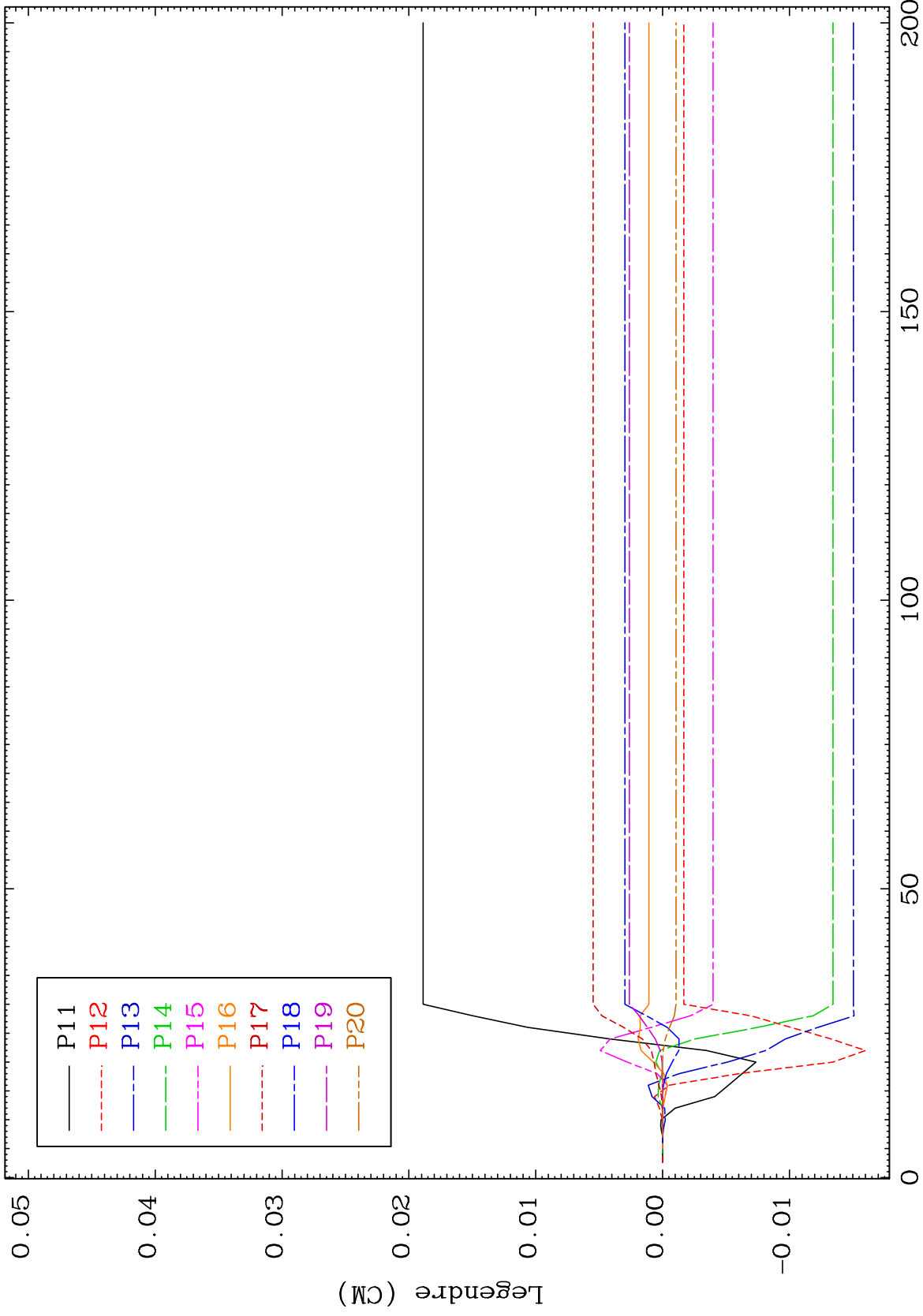
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MAT 8543

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

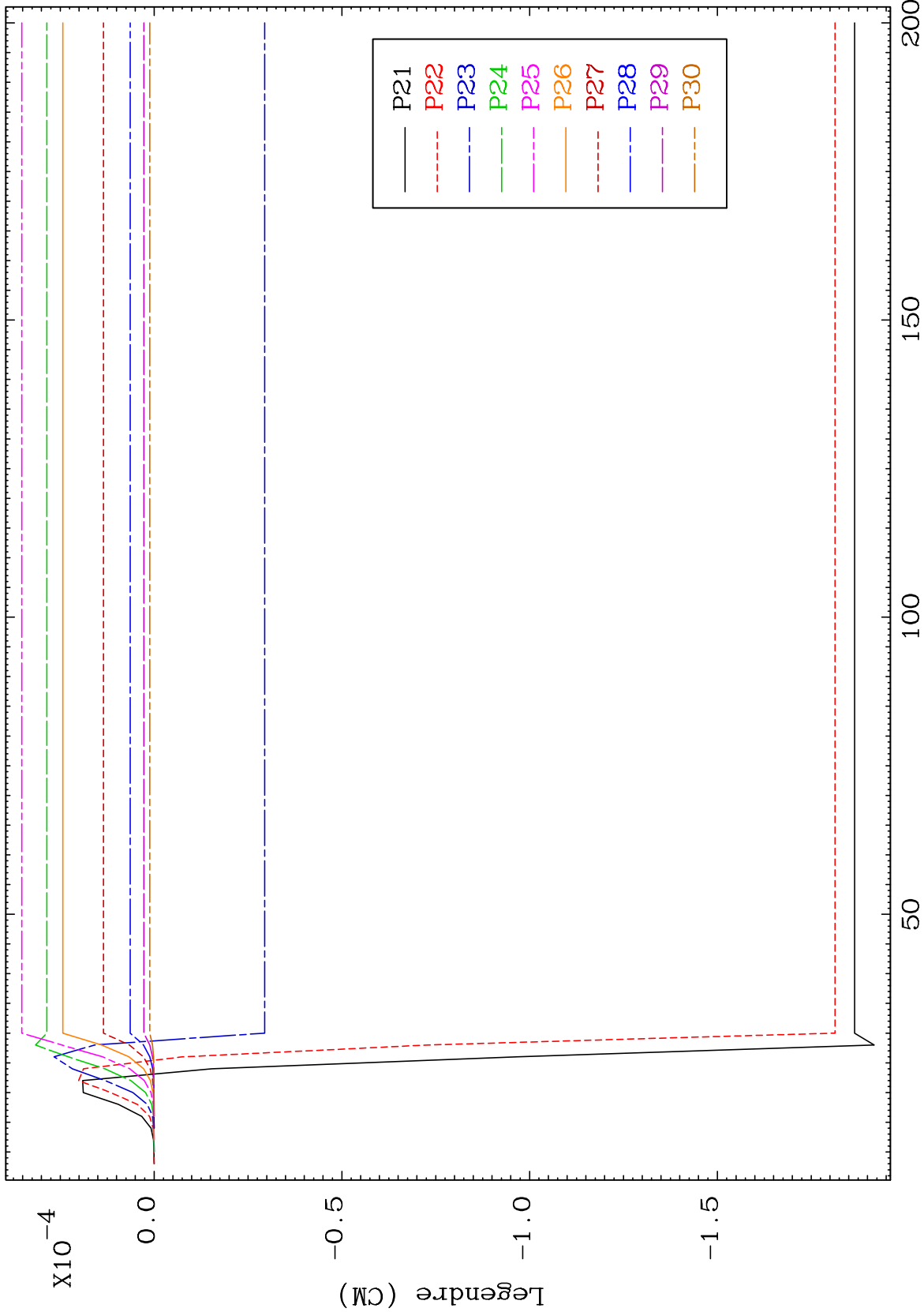
85-At-209



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Incident Energy (MeV)

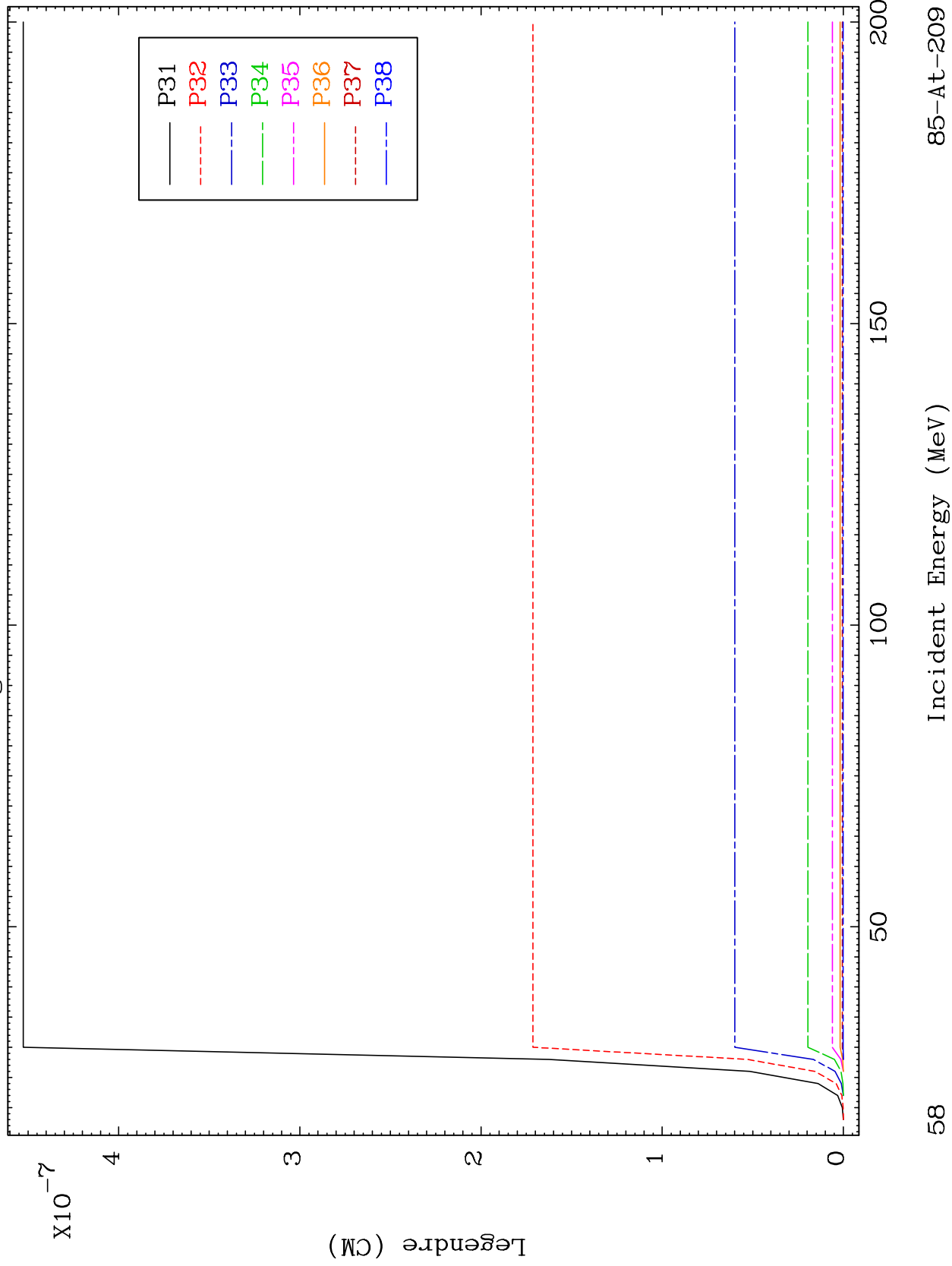
85-At-209



MAT 8543

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

85-At-209



58

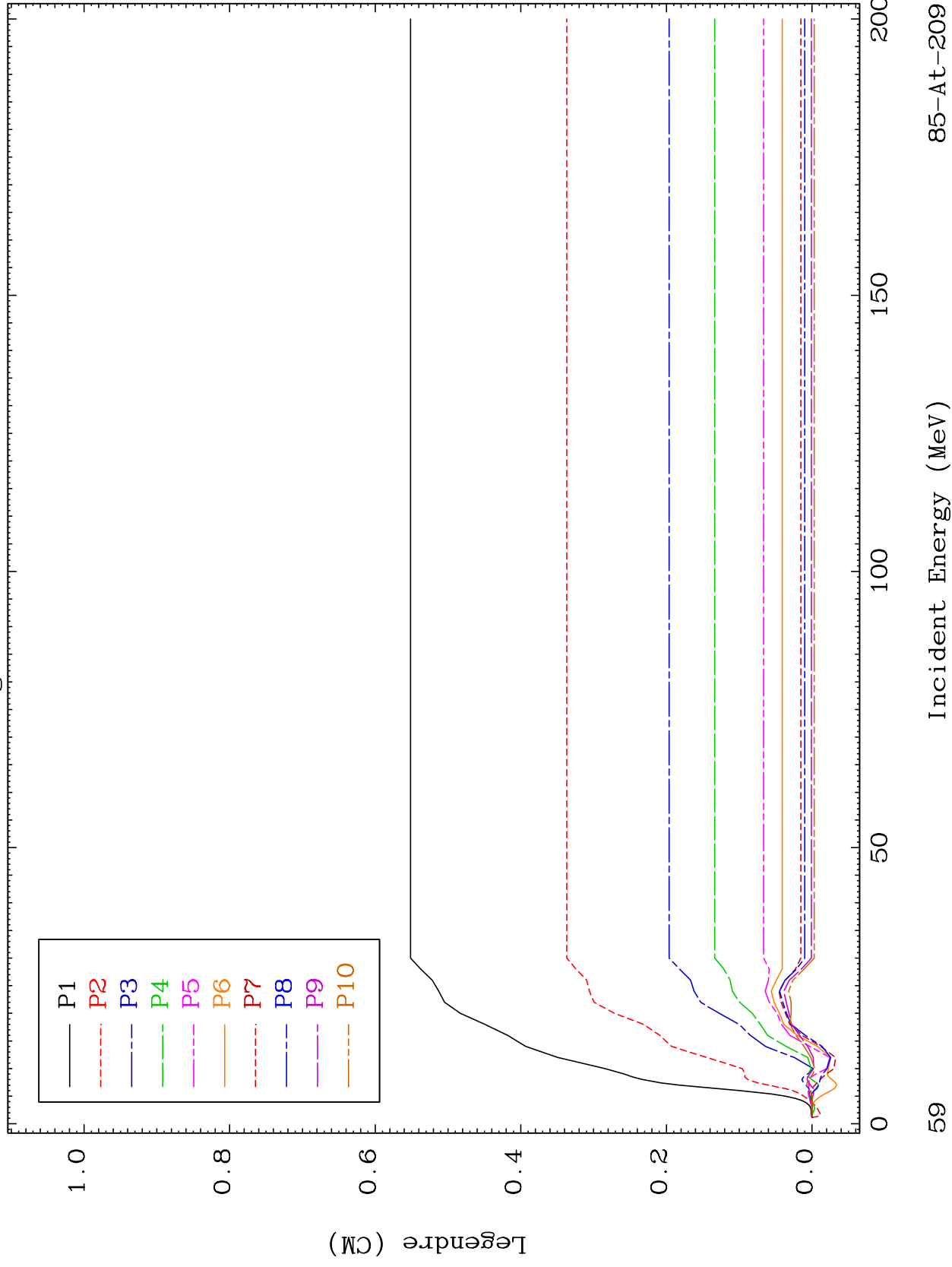
Incident Energy (MeV)

85-At-209

MAT 8543

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

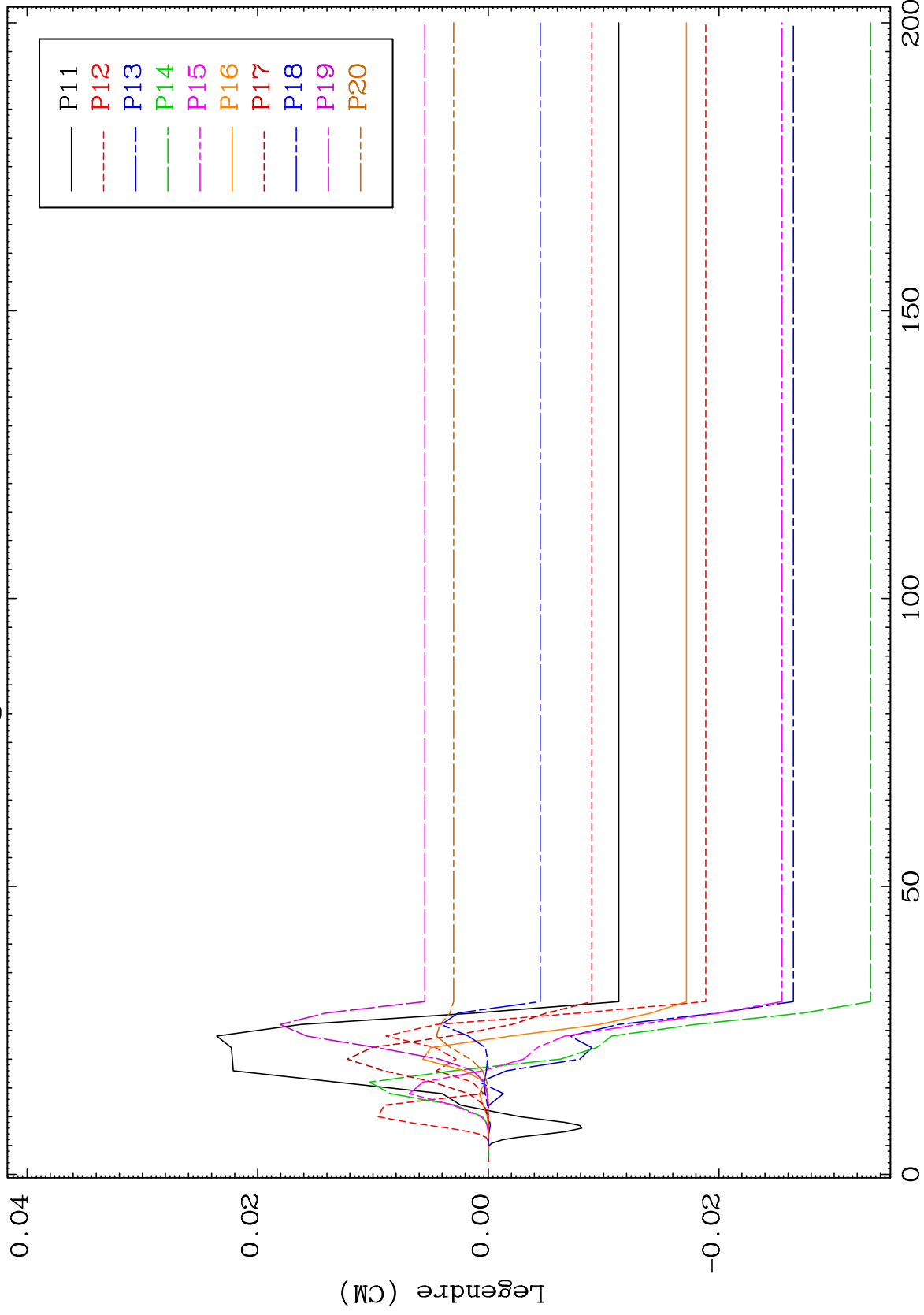
85-At-209



MAT 8543

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

85-At-209



85-At-209

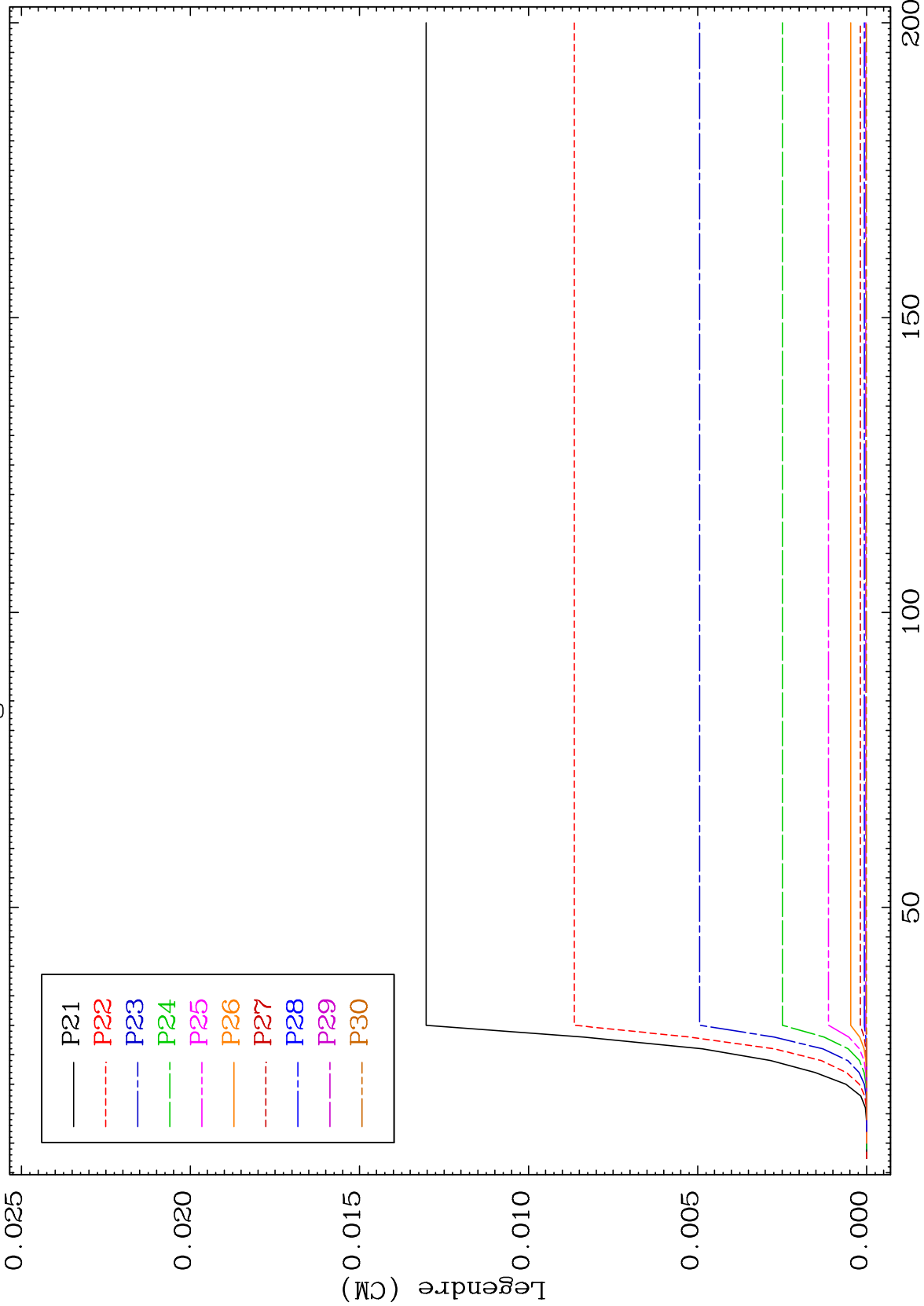
Incident Energy (MeV)

60

MAT 8543

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

85-At-209



61

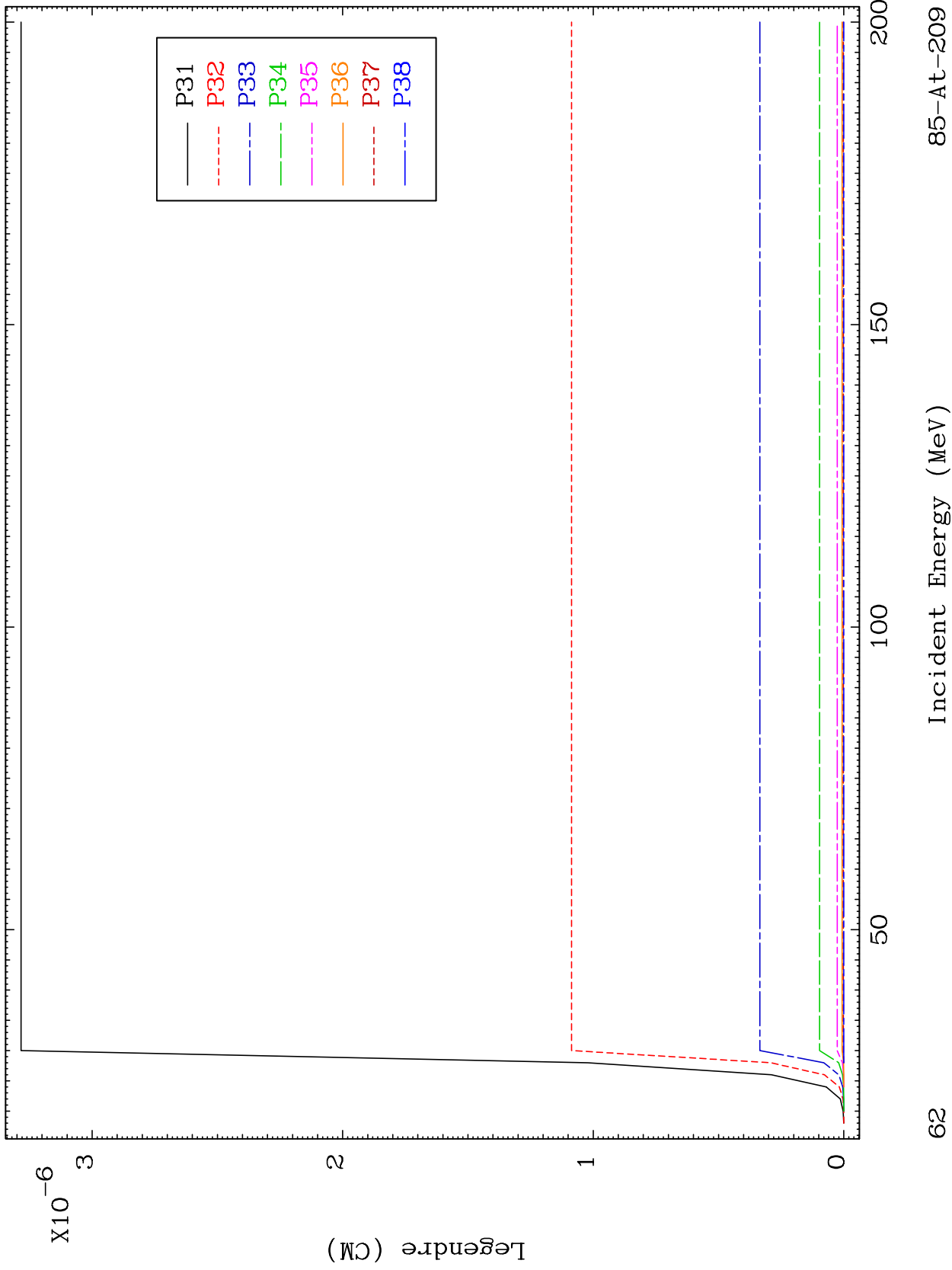
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



62

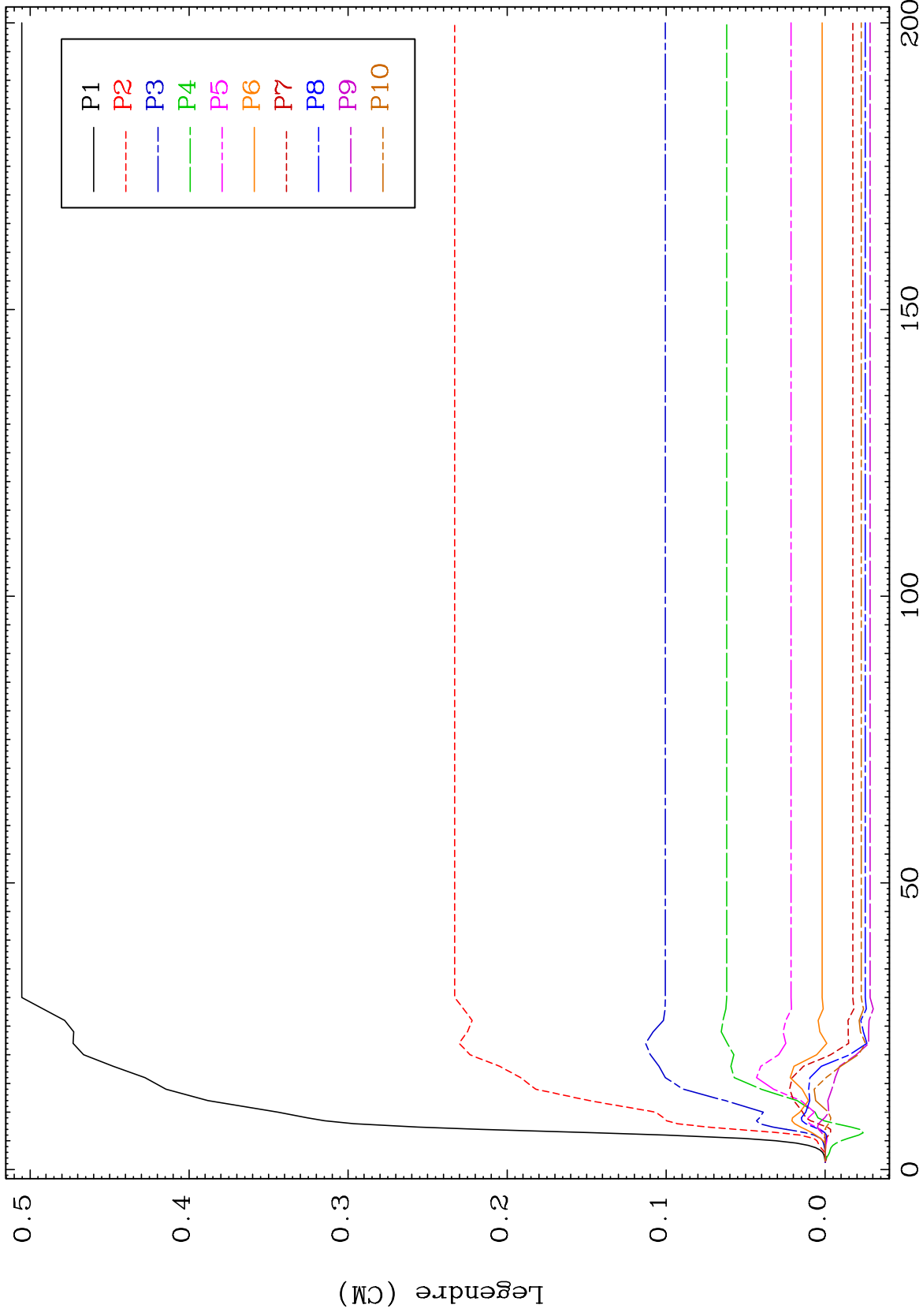
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



63

Incident Energy (MeV)

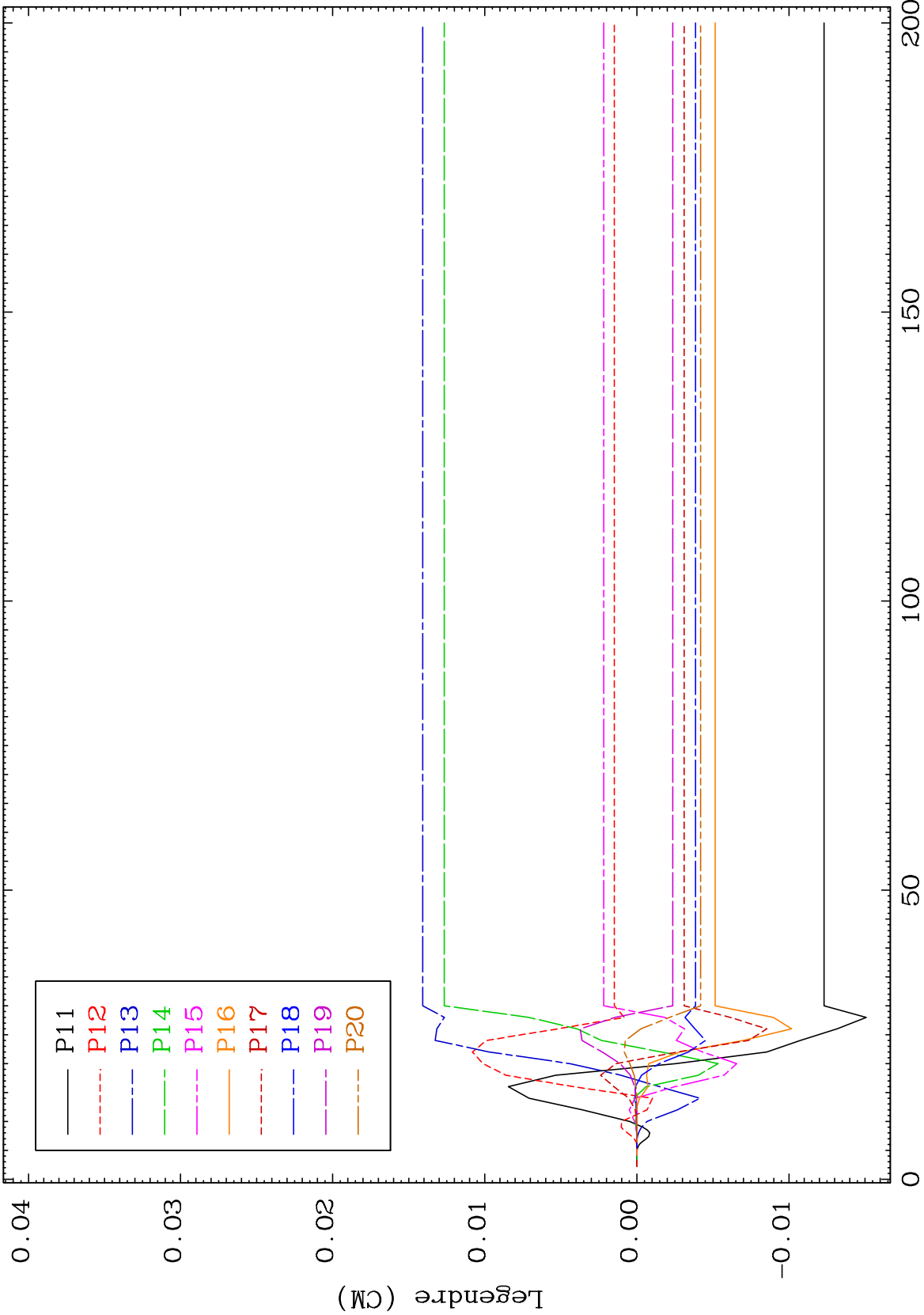
85-At-209



MAT 8543

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

85-At-209



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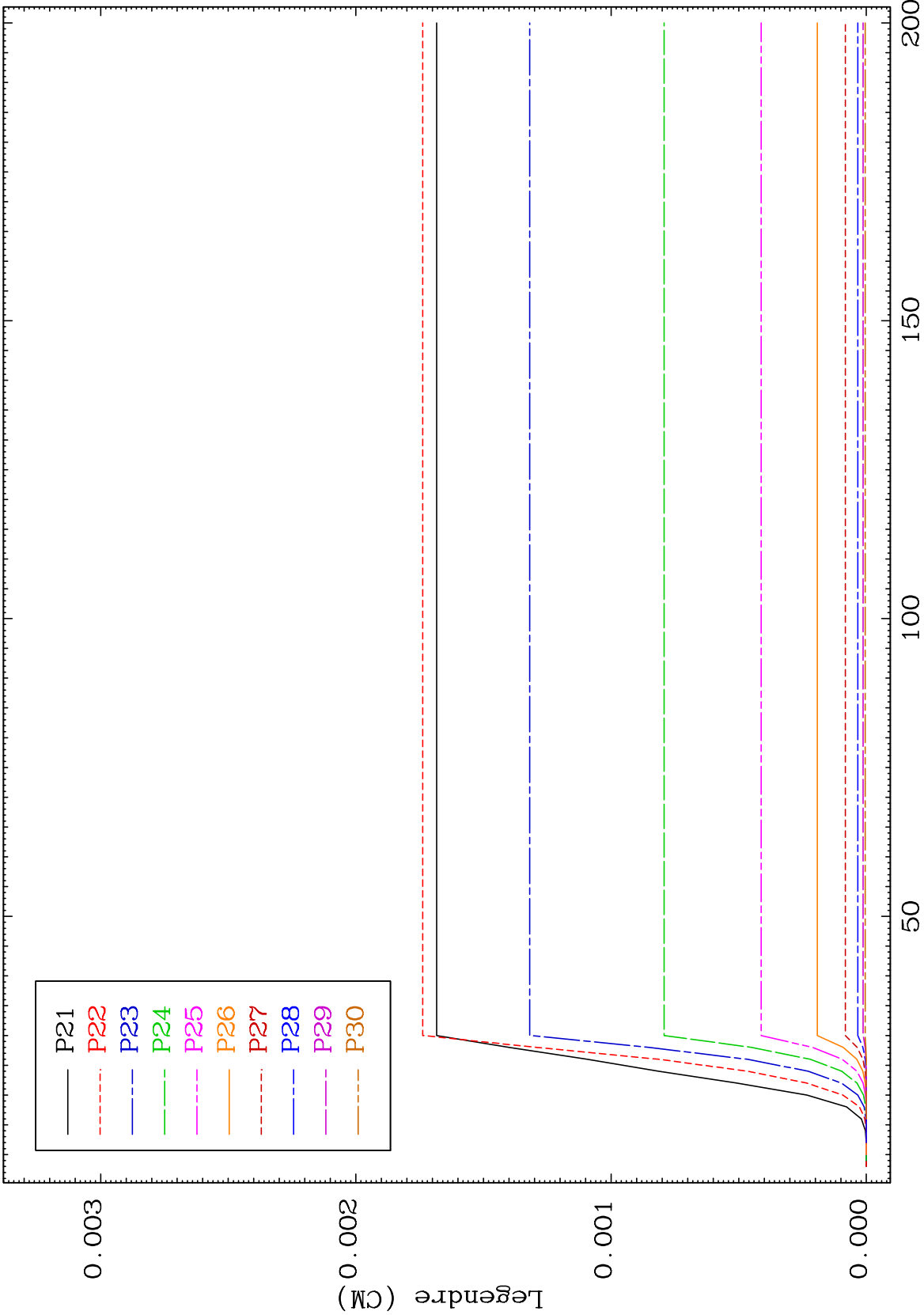
Incident Energy (MeV)

85-At-209

MAT 8543

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

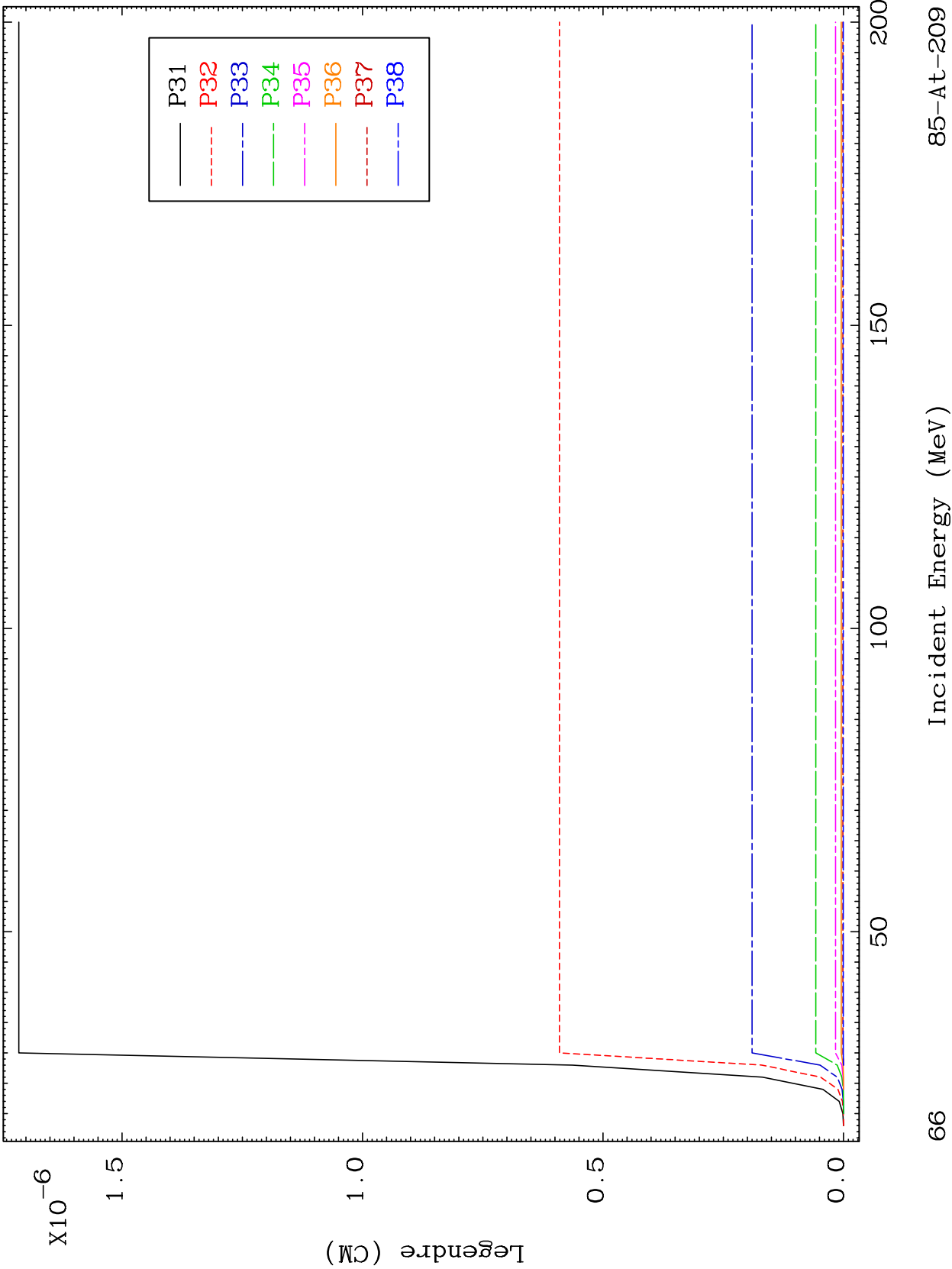
85-At-209



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Incident Energy (MeV)

85-At-209

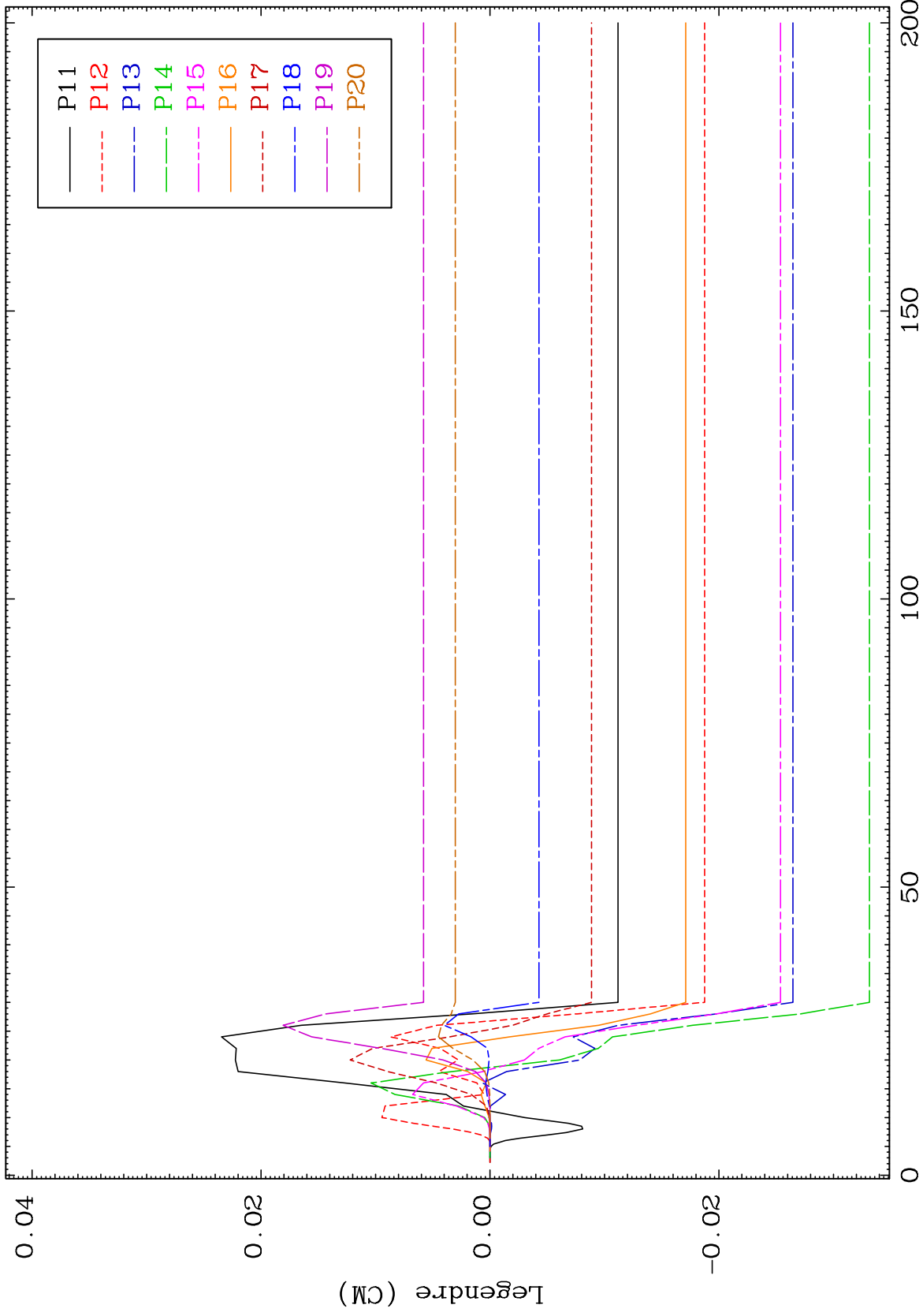




MAT 8543

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

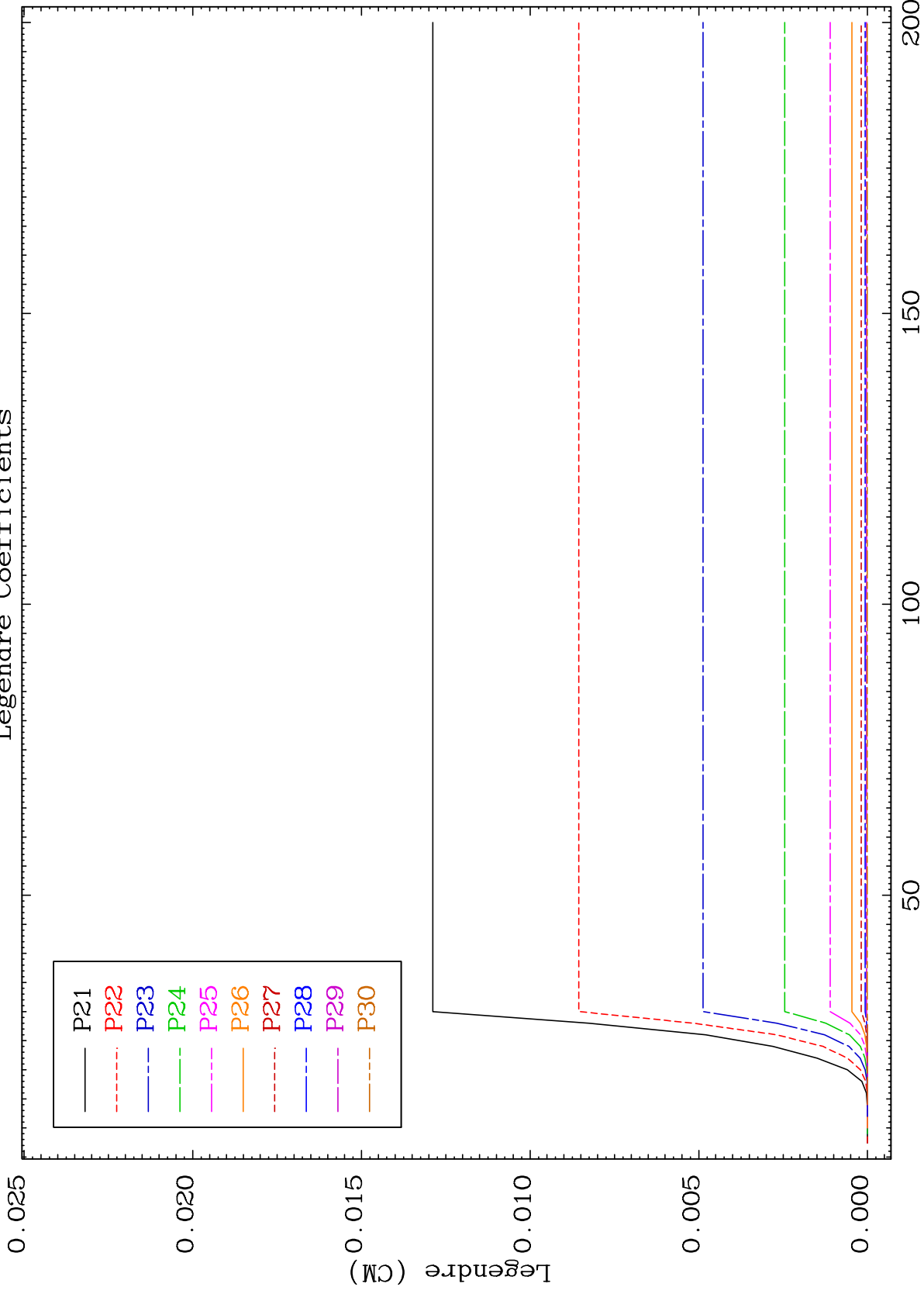
85-At-209



68

Incident Energy (MeV)

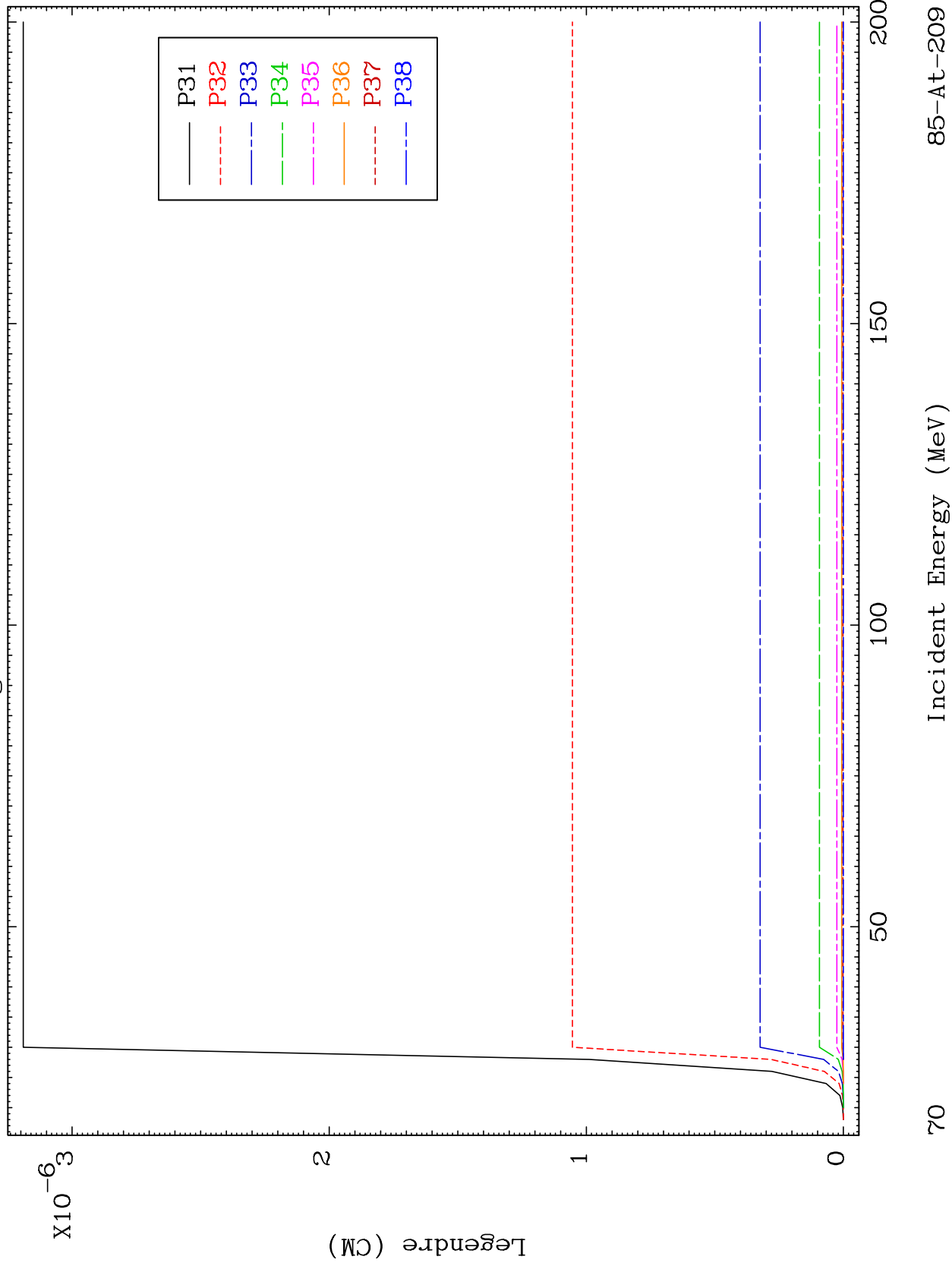
85-At-209



MAT 8543

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

85-At-209

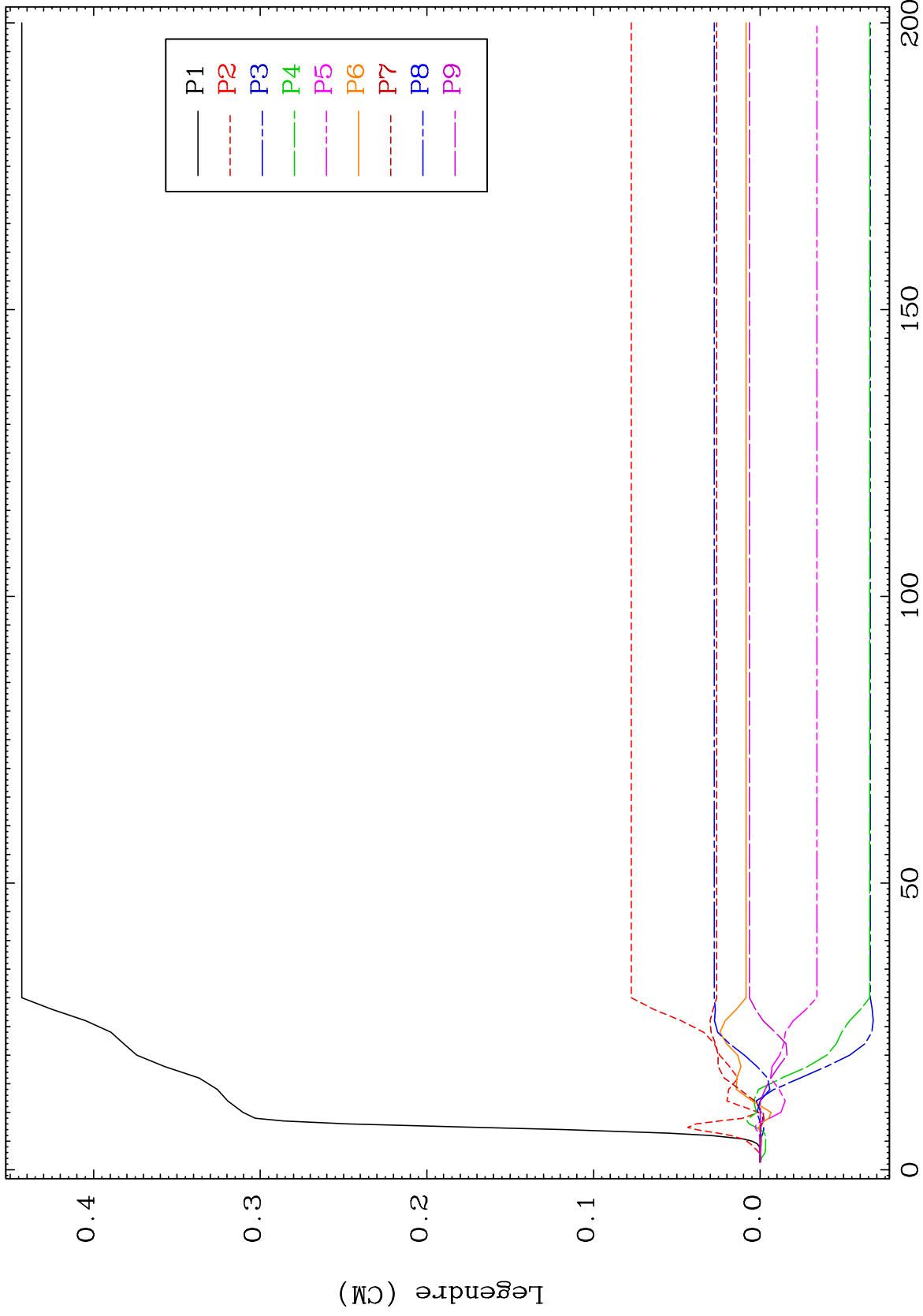


85-At-209

MAT 8543

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

85-At-209



71

Incident Energy (MeV)

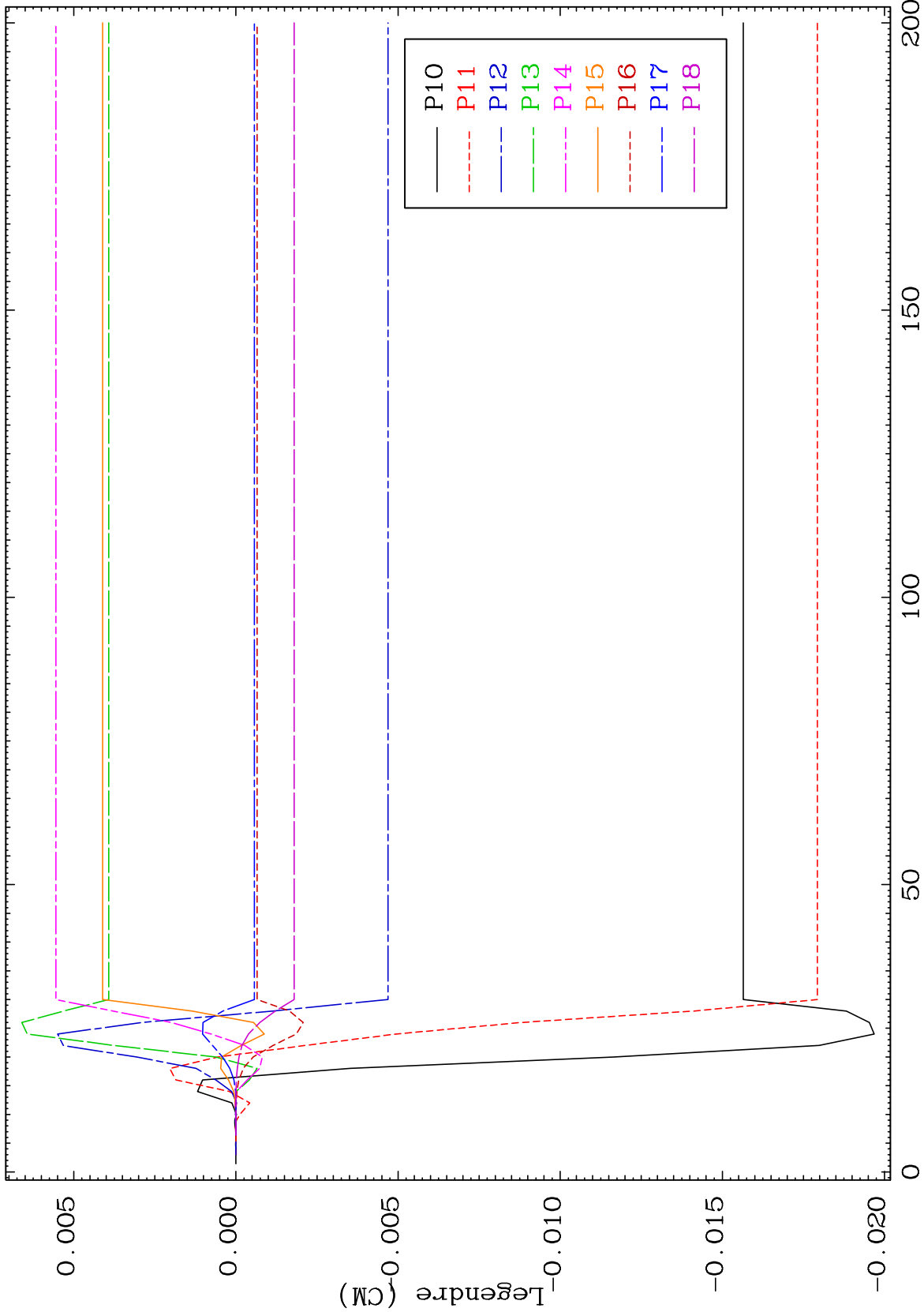
85-At-209



MAT 8543

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

85-At-209



72

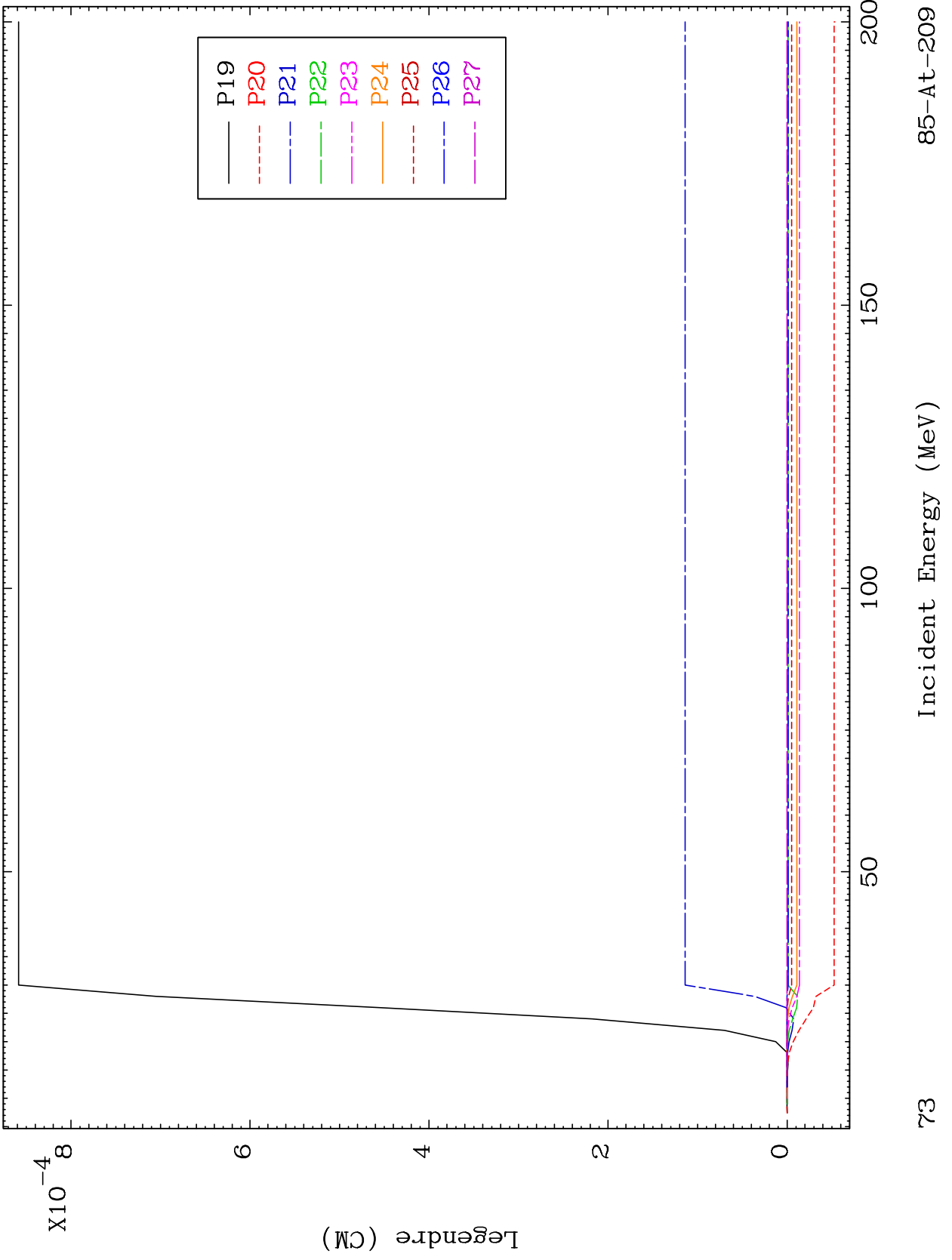
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



73

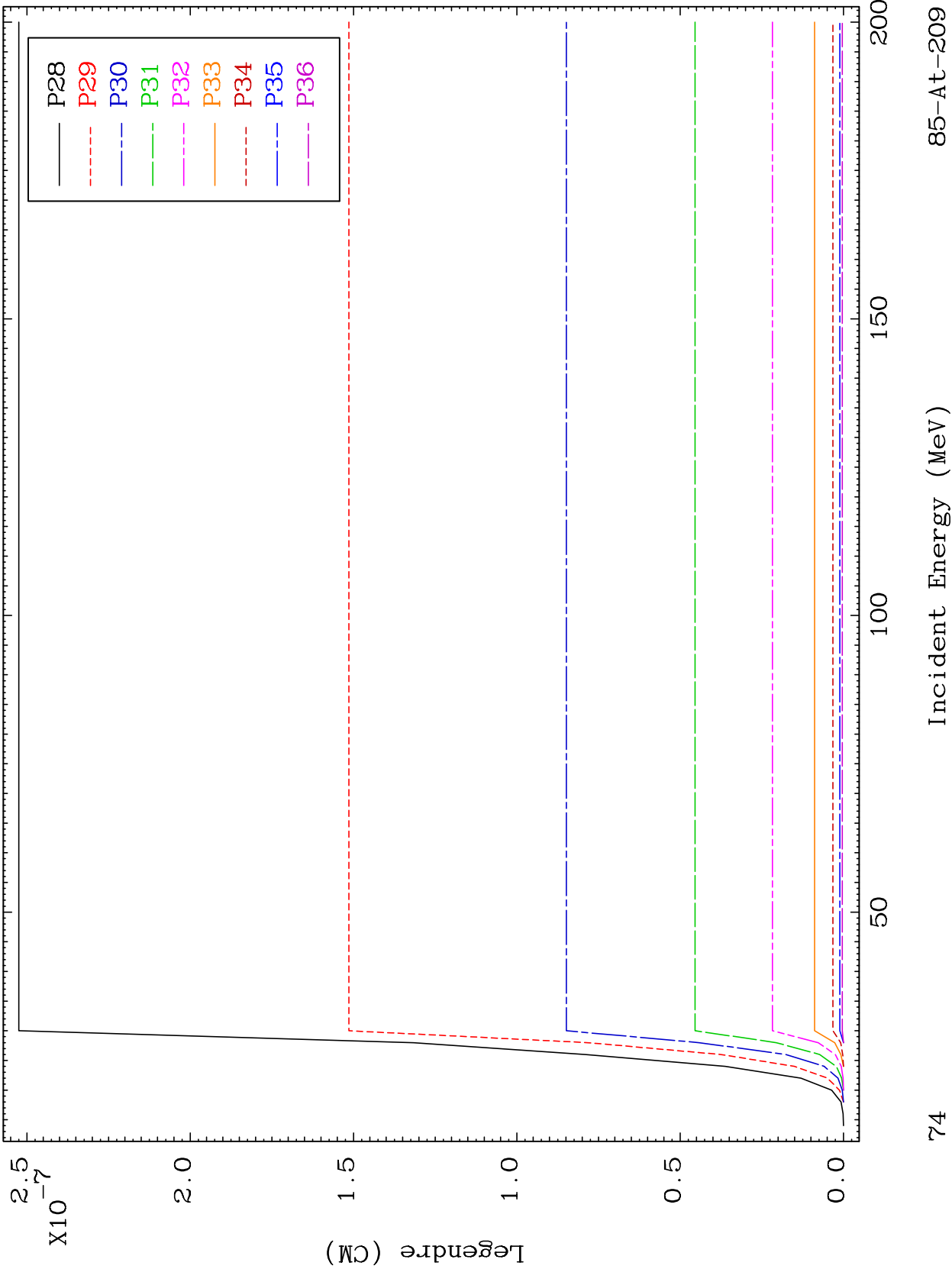
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



74

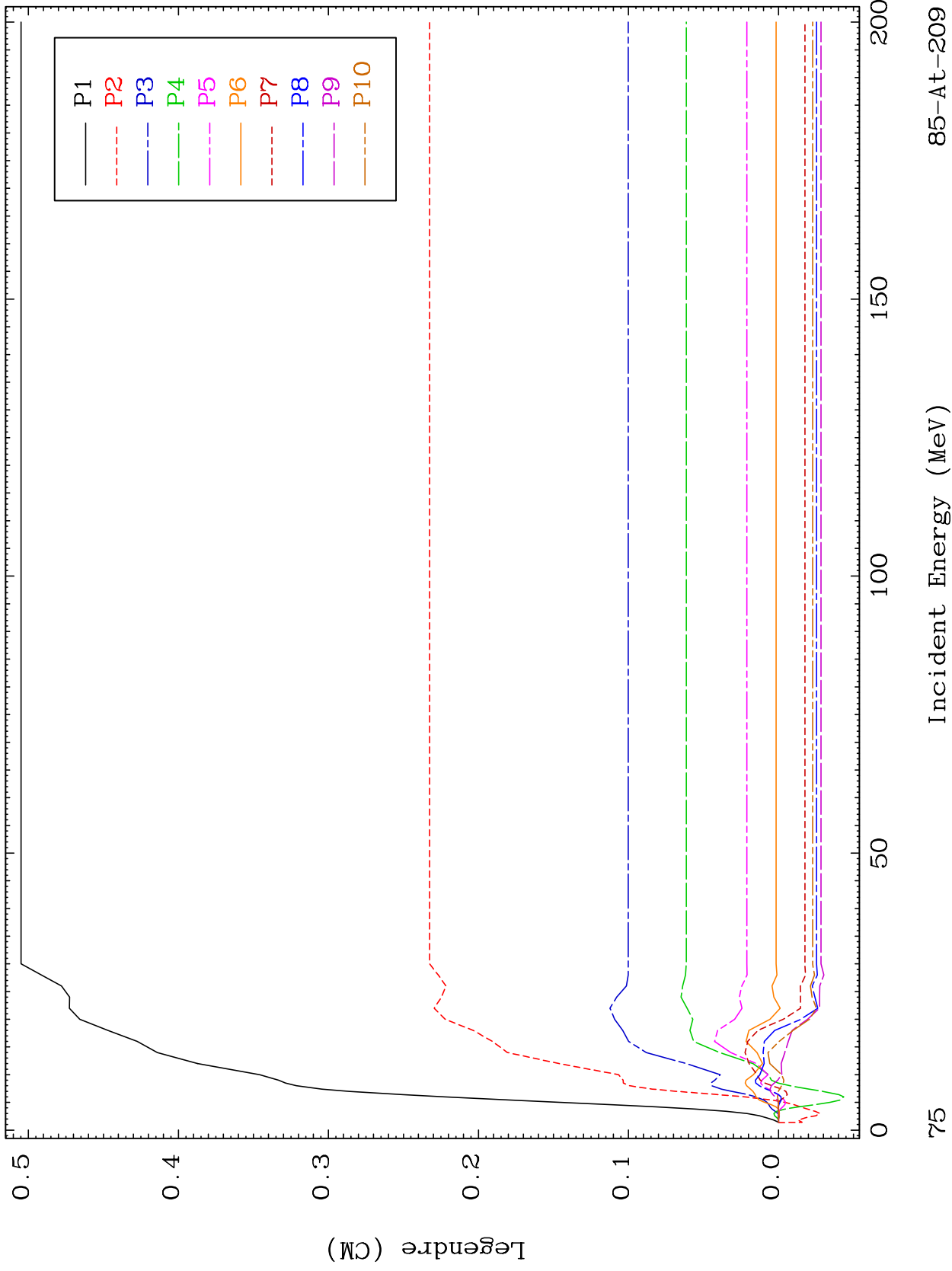
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85-At-209

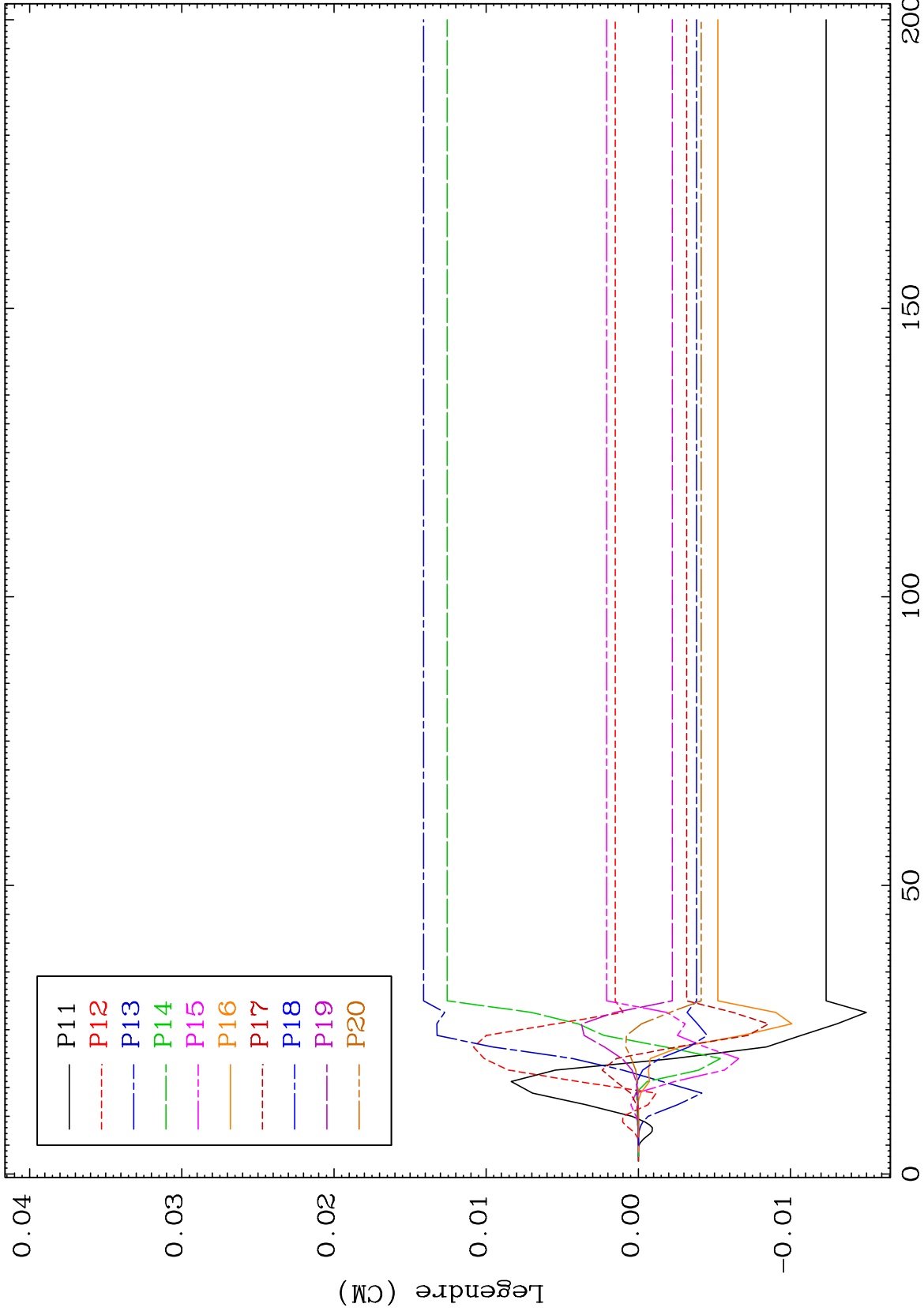
Incident Energy (MeV)

75

MAT 8543

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

85-At-209



76

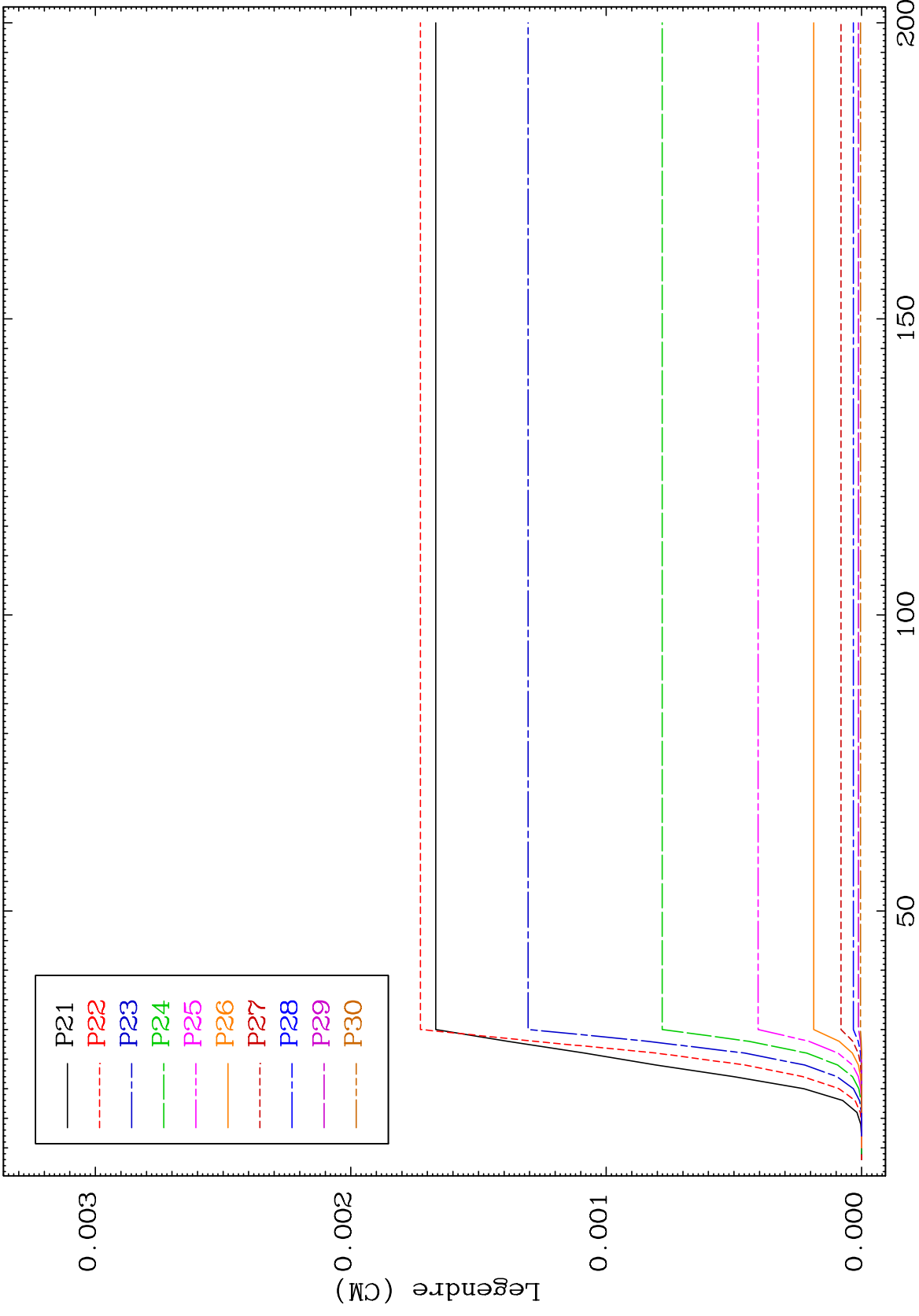
Incident Energy (MeV)

85-At-209

MAT 8543

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

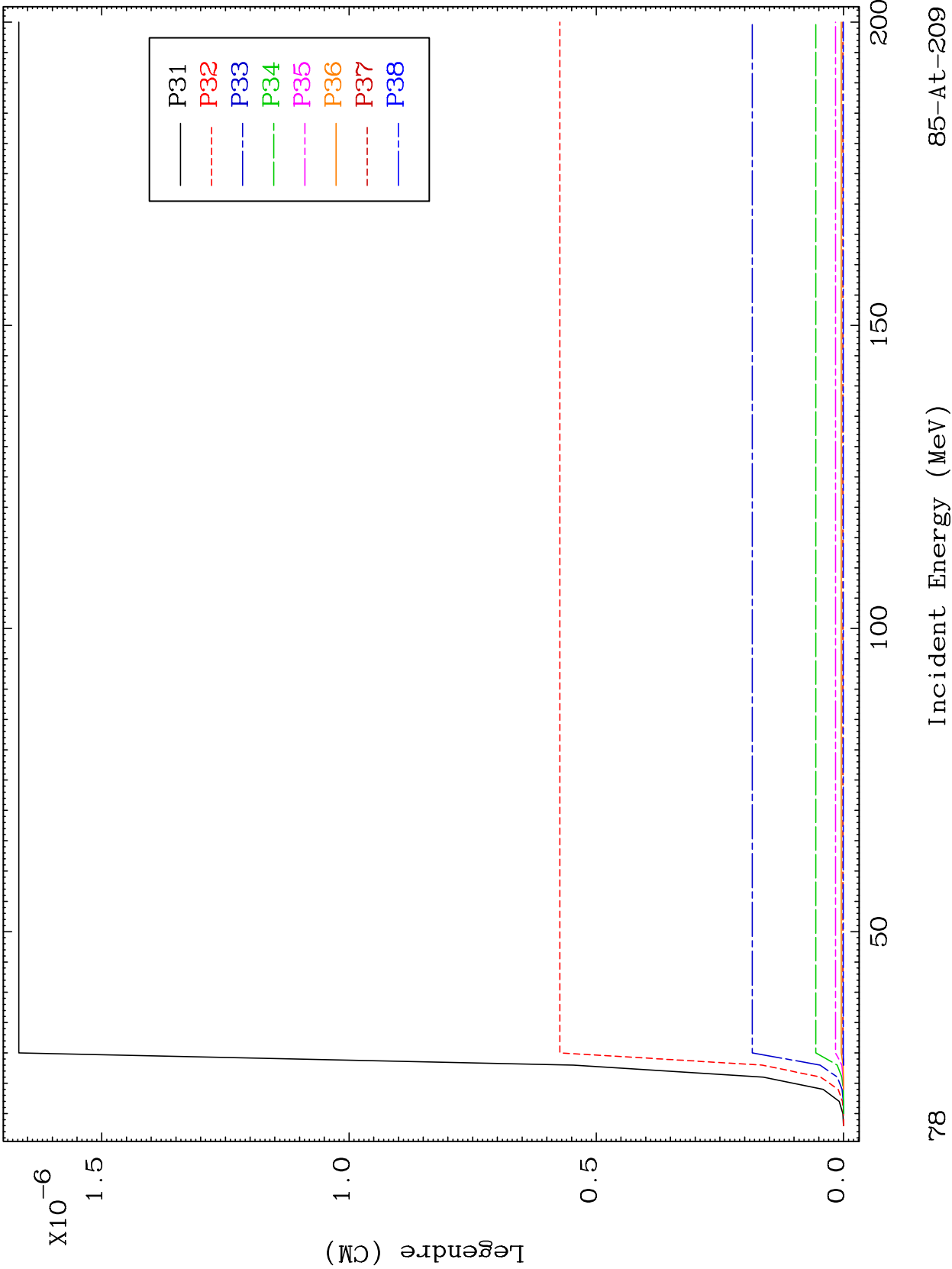
85-At-209



MAT 8543

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

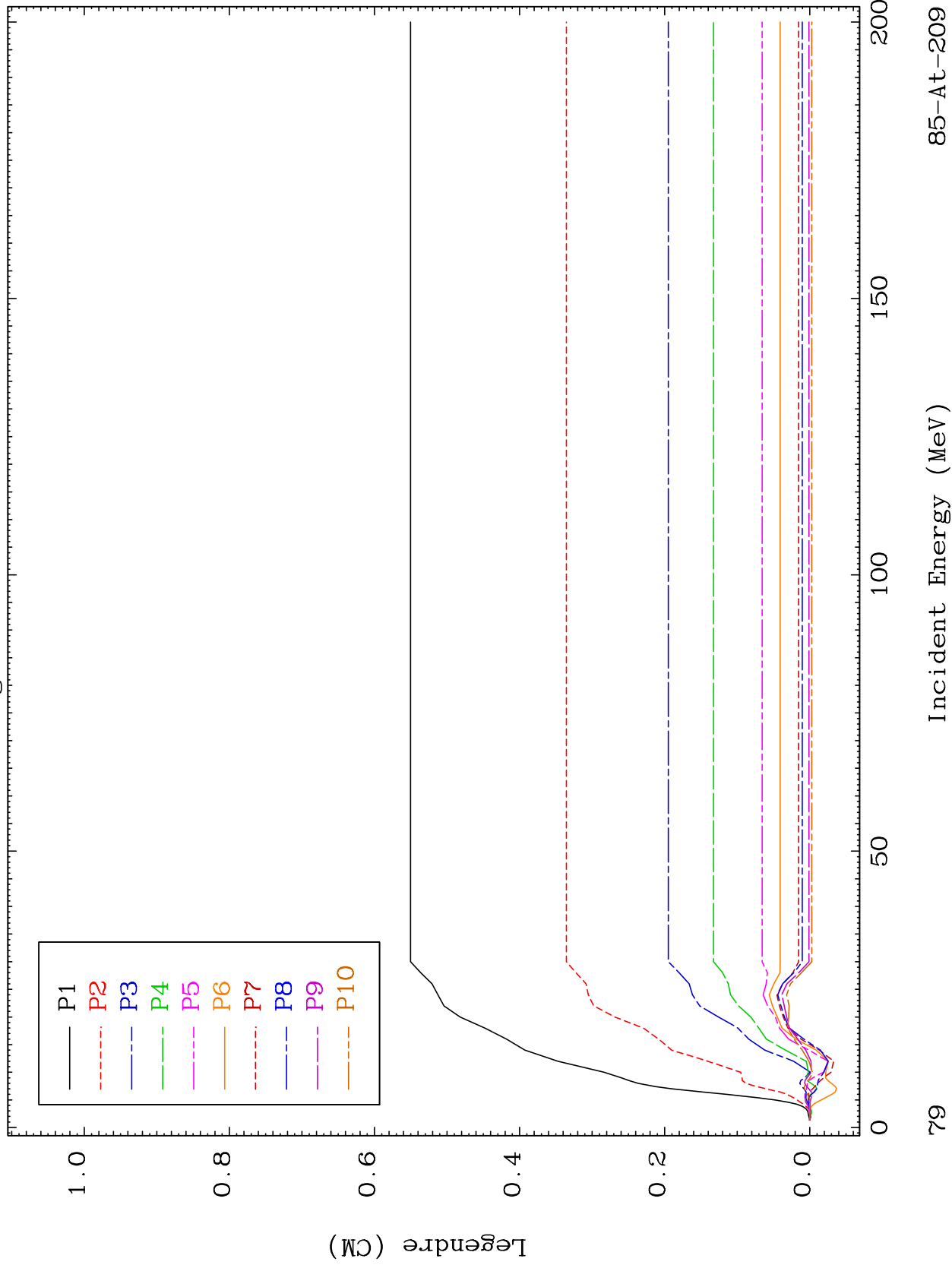
85-At-209



MAT 8543

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

85-At-209



85-At-209

Incident Energy (MeV)

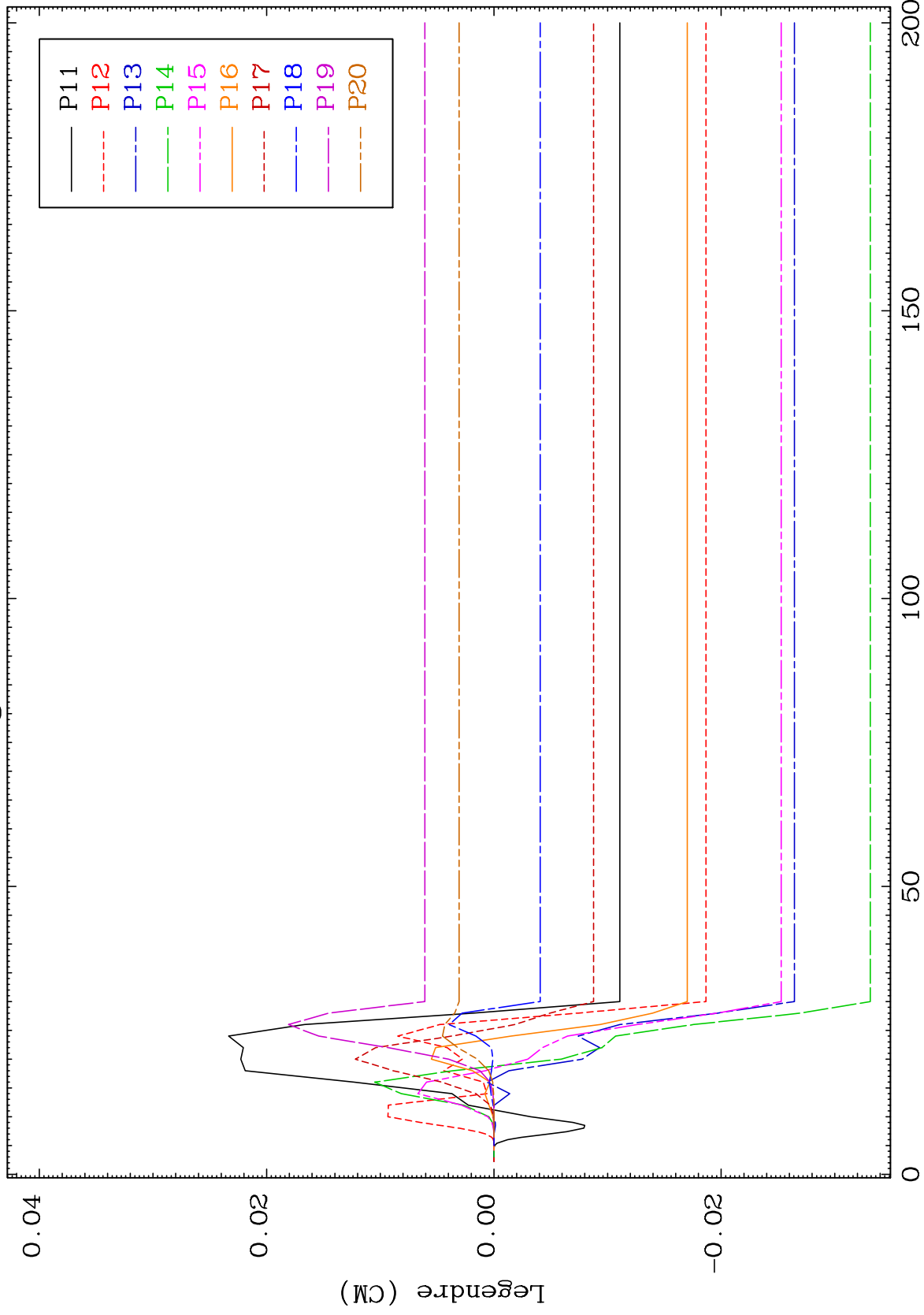
79



MAT 8543

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

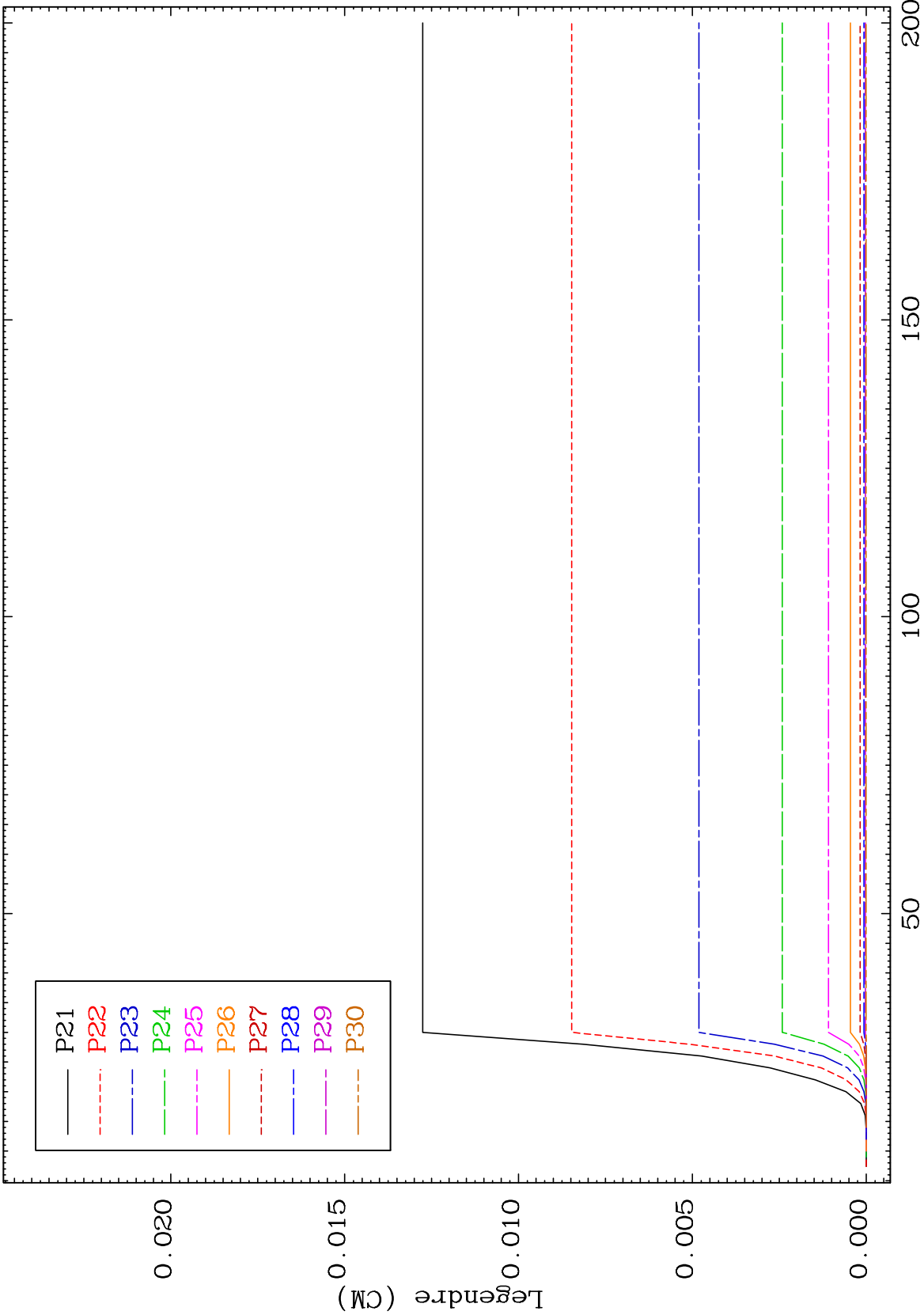
85-At-209



85-At-209

Incident Energy (MeV)

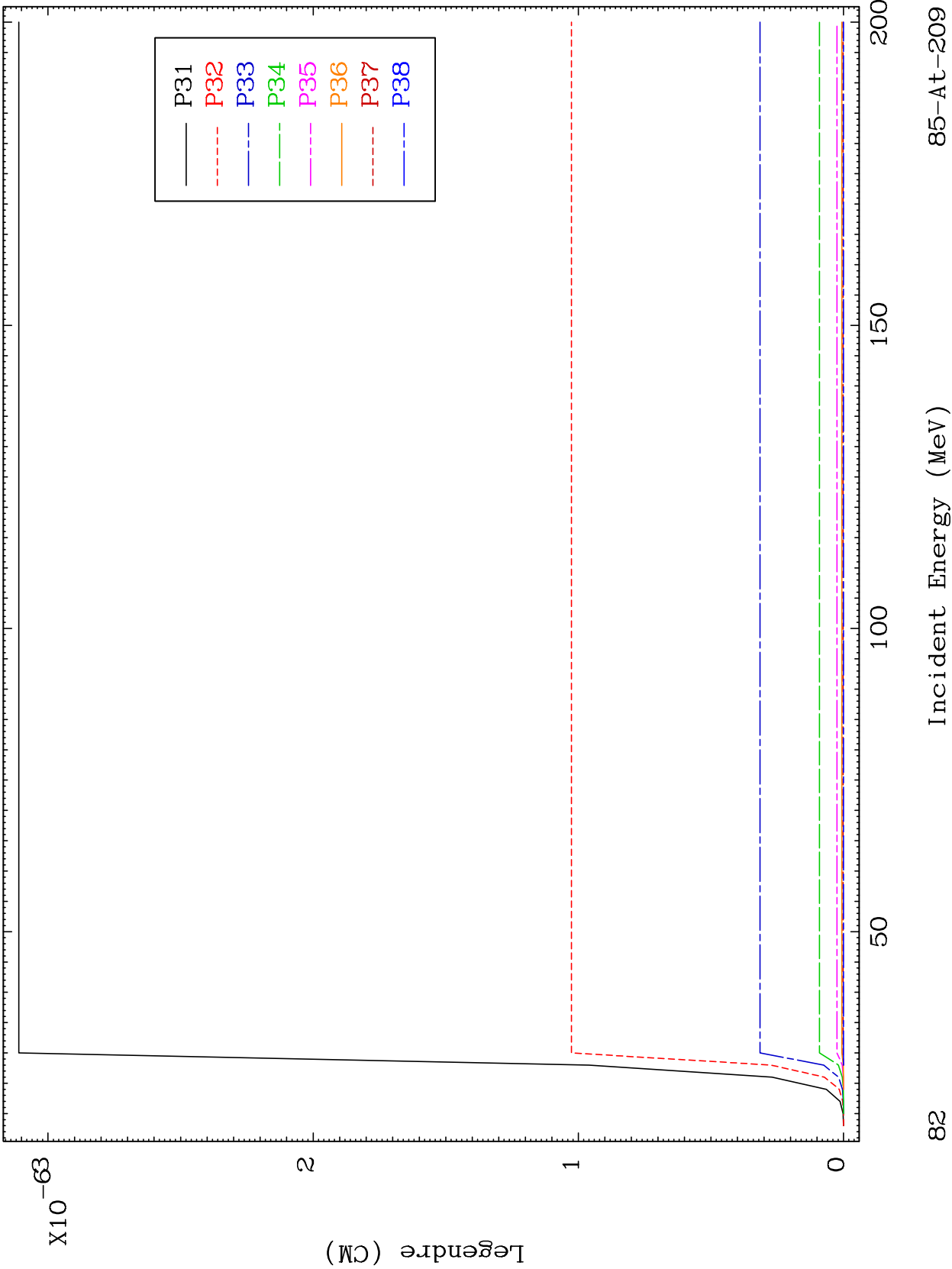
80



MAT 8543

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

85-At-209



82

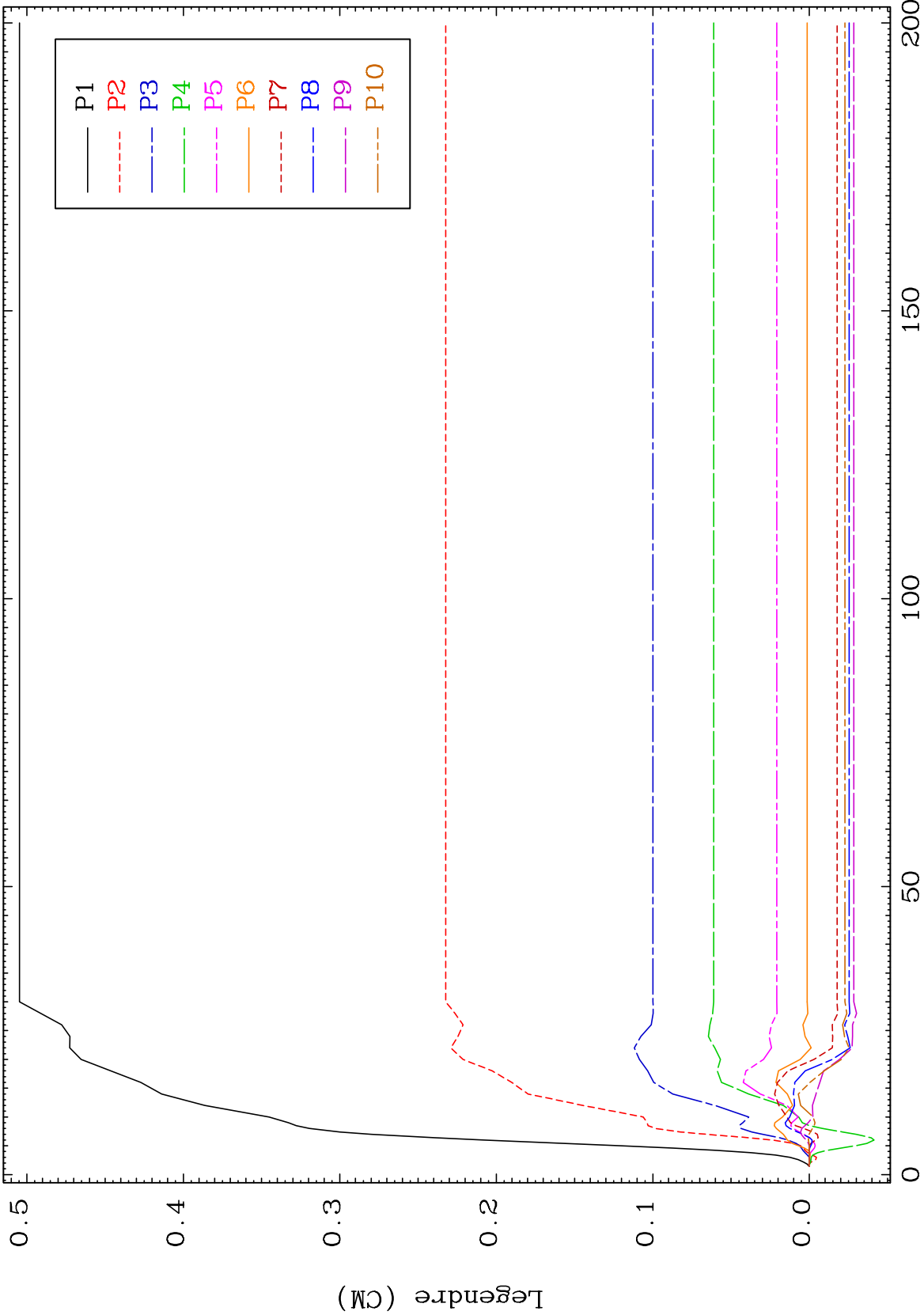
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



83

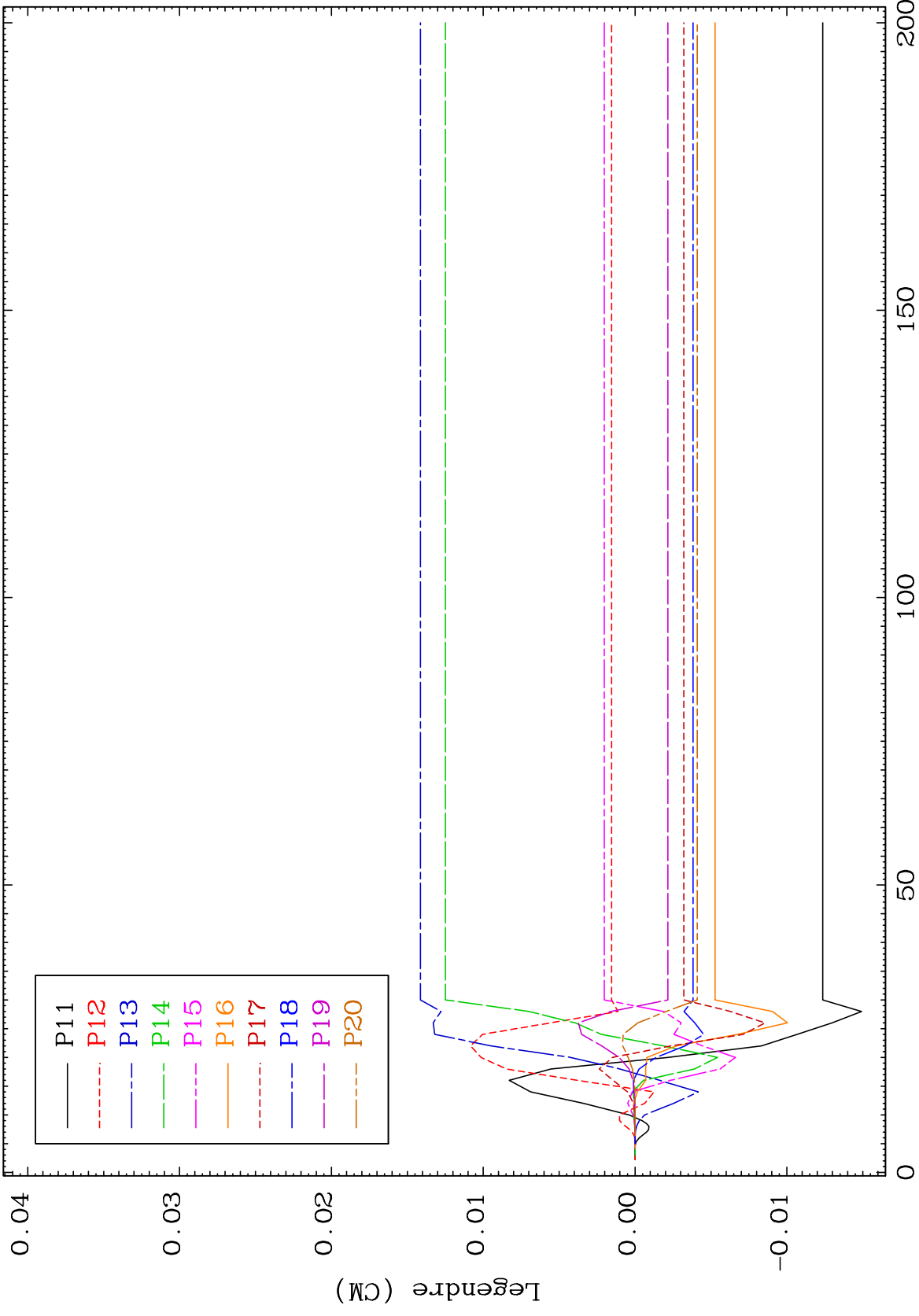
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



84

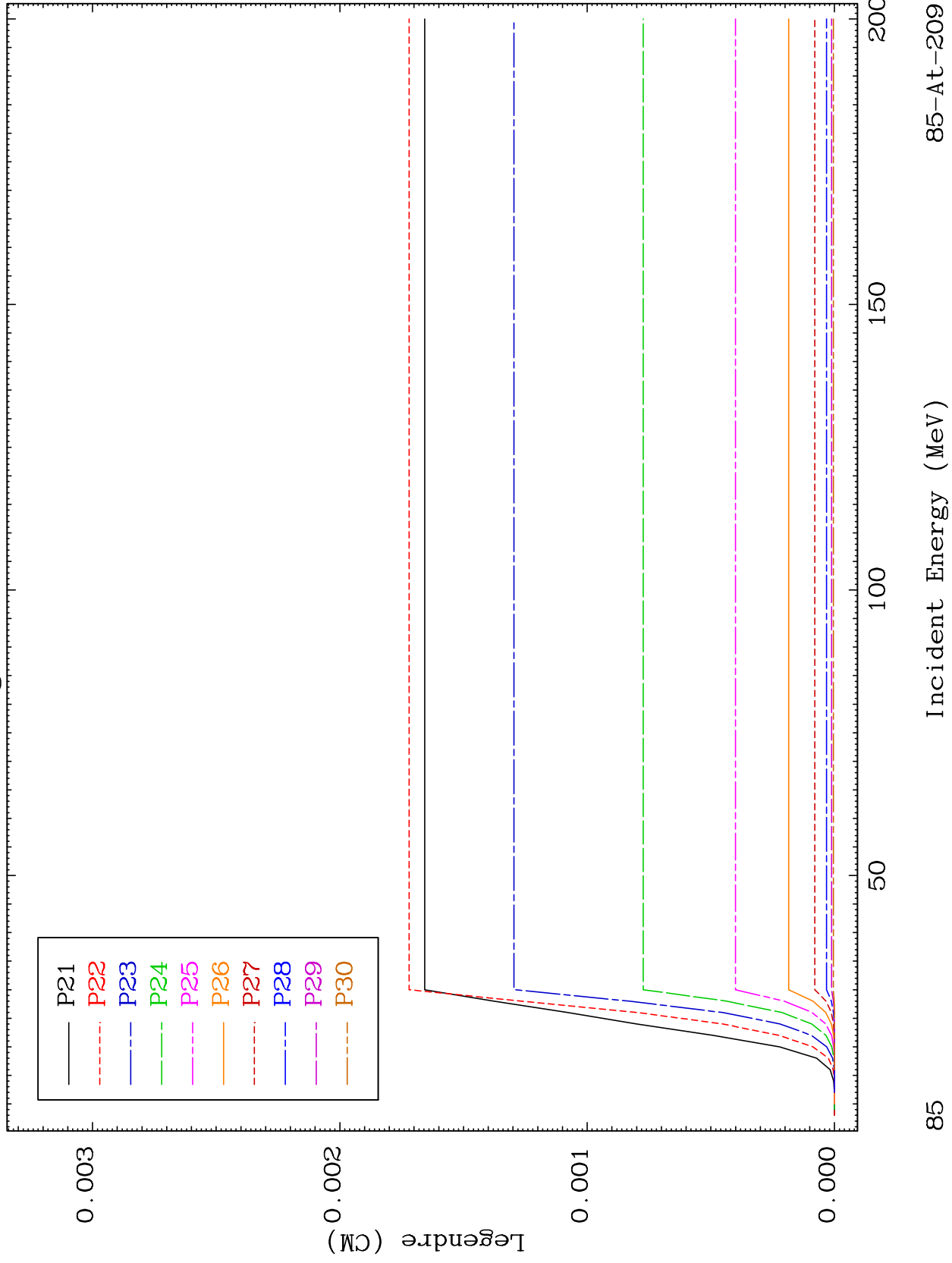
Incident Energy (MeV)

85-At-209

MAT 8543

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

85-At-209



85

Incident Energy (MeV)

85-At-209

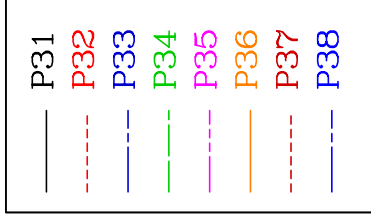
MAT 8543

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

85-At-209

$\times 10^{-6}$   
1.5

Legendre (CM)



0.0

50

100

150

200

86

Incident Energy (MeV)

85-At-209

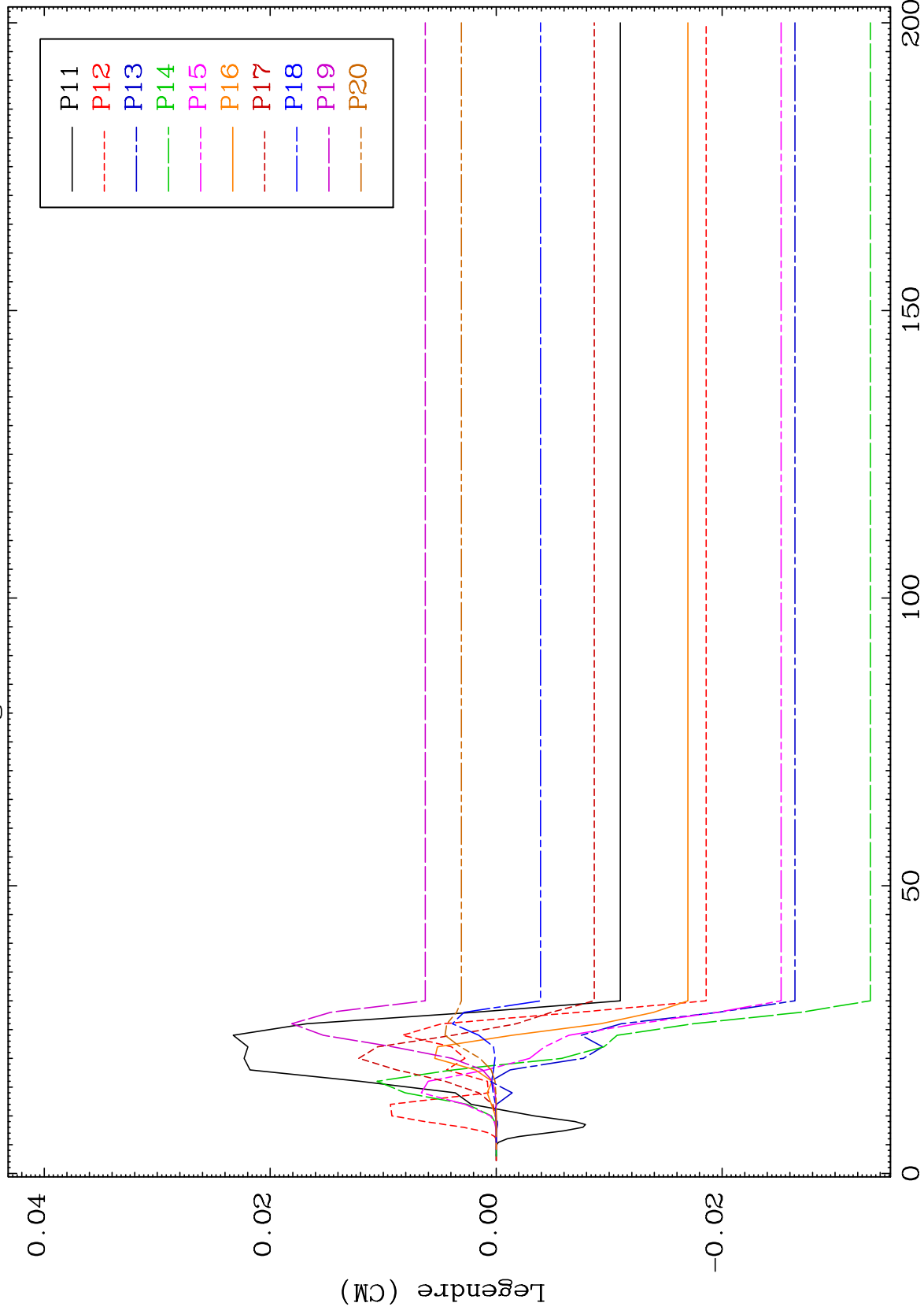




MAT 8543

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

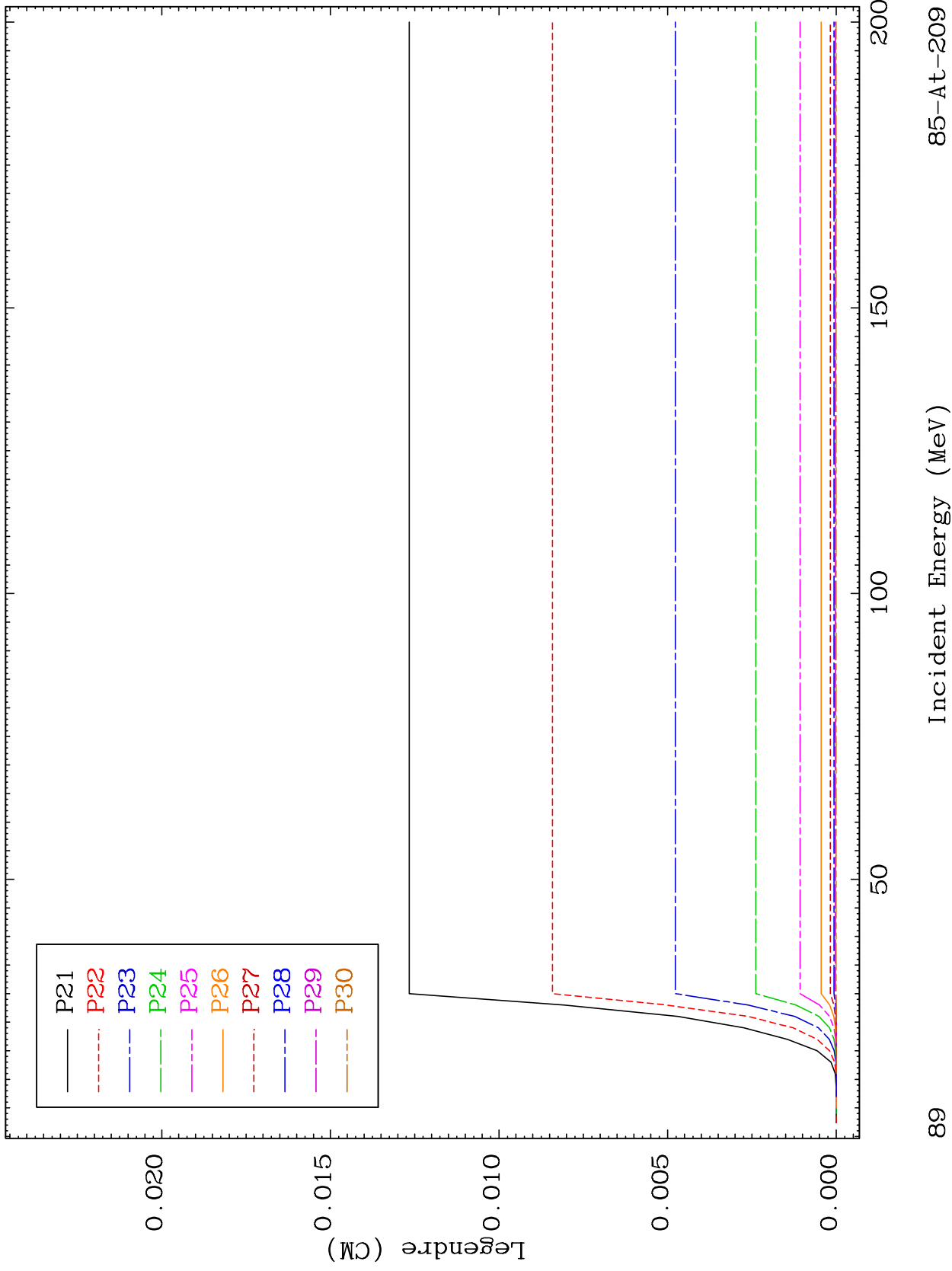
85-At-209



88

Incident Energy (MeV)

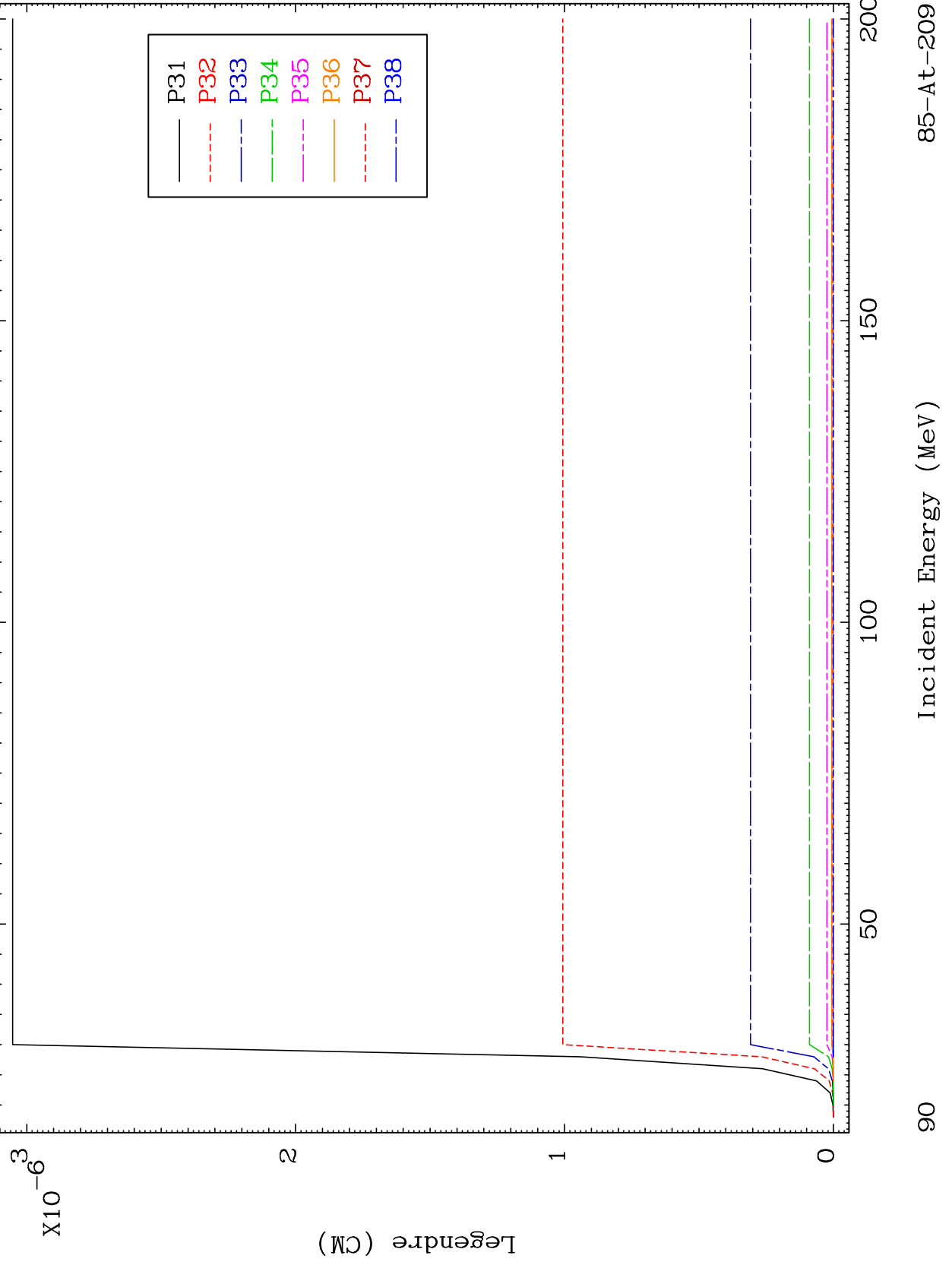
85-At-209



MAT 8543

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

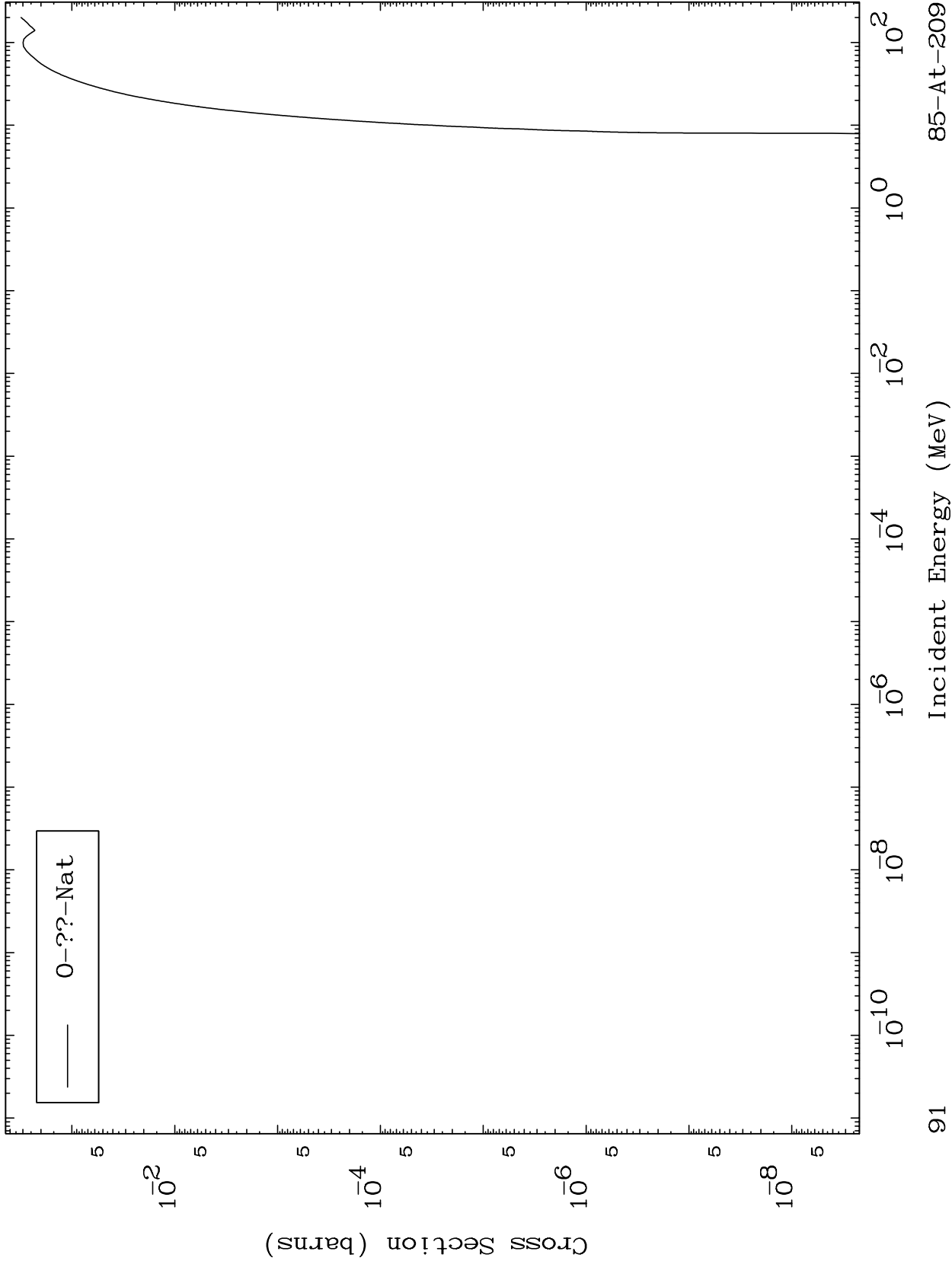
85-At-209



MAT 8543

Fission  
Radionuclide Production Cross Section

85-At-209



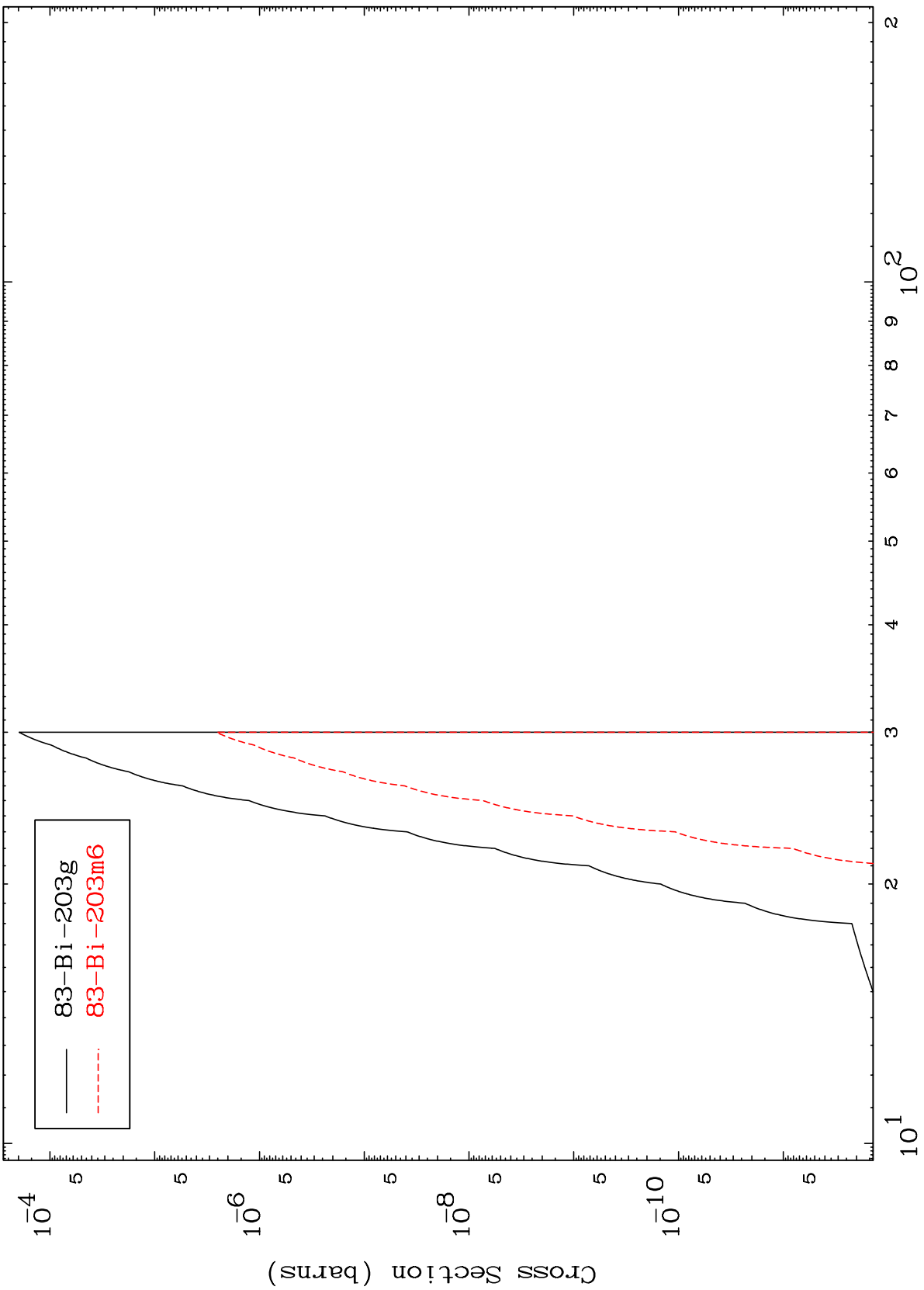
85-At-209

MAT 8543

(n,3n)  $\alpha$

85-At-209

Radionuclide Production Cross Section



83-Bi-203g  
83-Bi-203m6

92

Incident Energy (MeV)

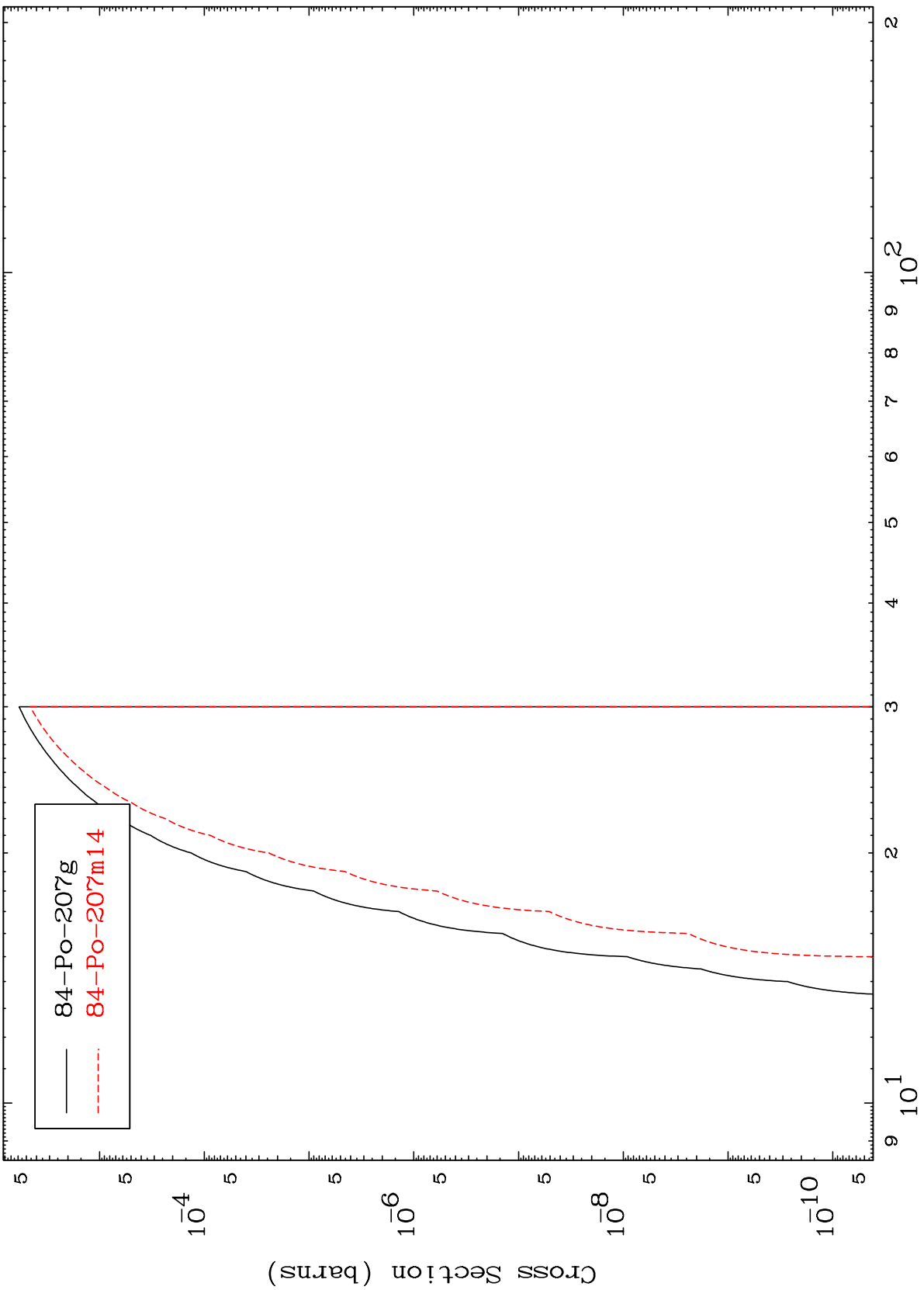
85-At-209

MAT 8543

(n,n') d

85-At-209

Radionuclide Production Cross Section

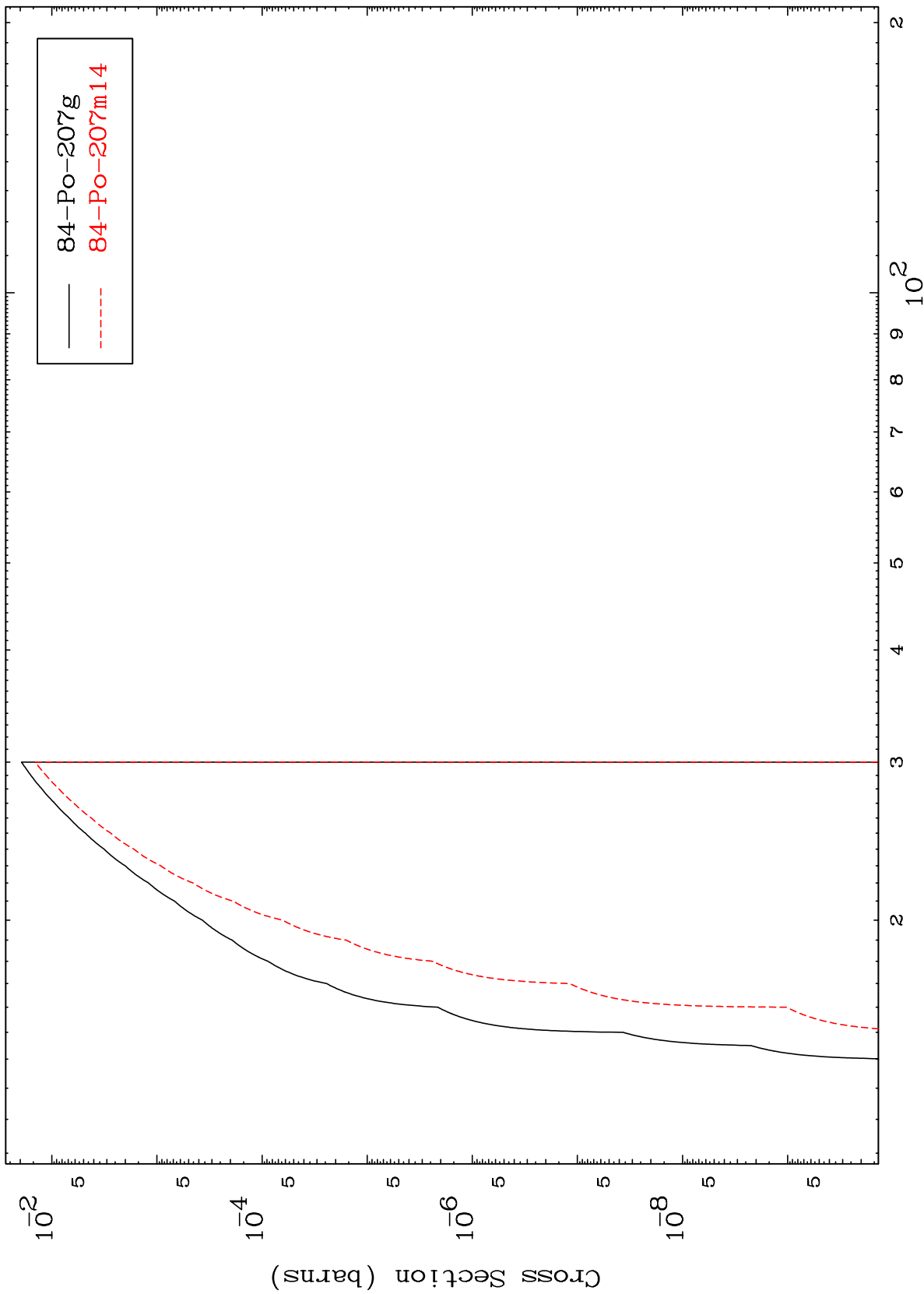


93

Incident Energy (MeV)

85-At-209

Radionuclide Production Cross Section

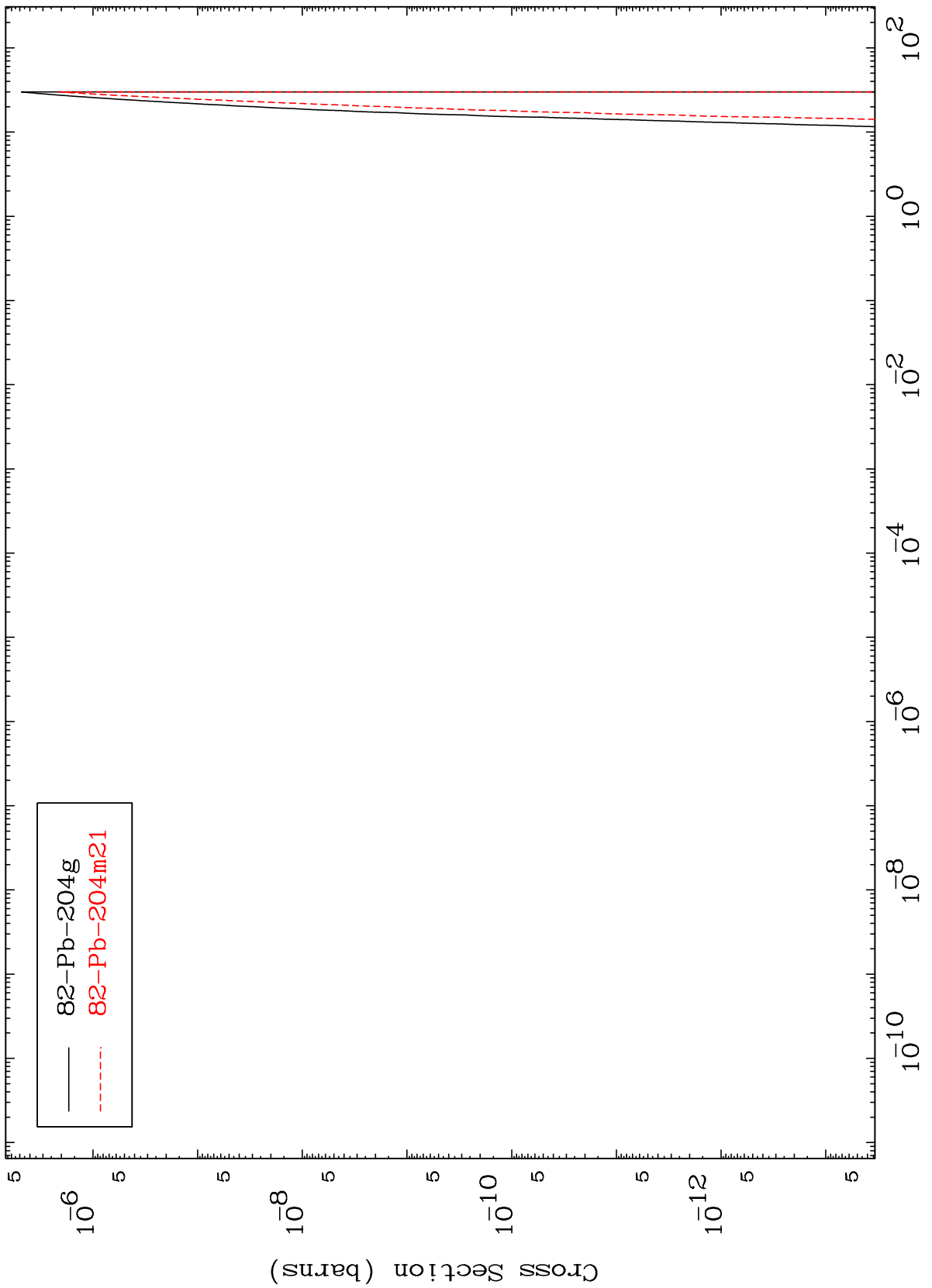


MAT 8543

(n,n') p  $\alpha$

85-At-209

Radionuclide Production Cross Section



82-Pb-204g  
82-Pb-204m21

95

Incident Energy (MeV)

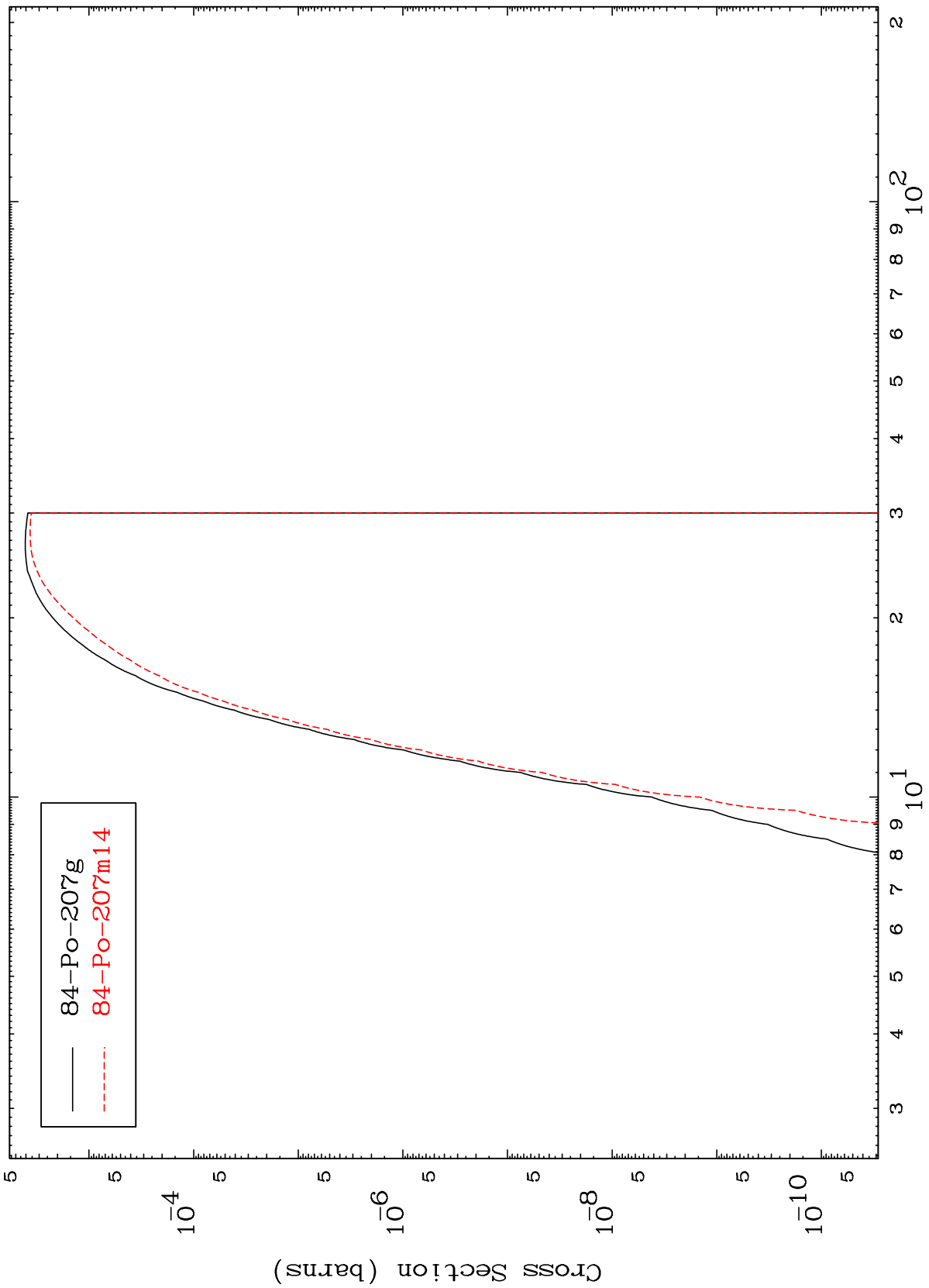
85-At-209



MAT 8543

85-At-209

(n, t)  
Radionuclide Production Cross Section



96

Incident Energy (MeV)

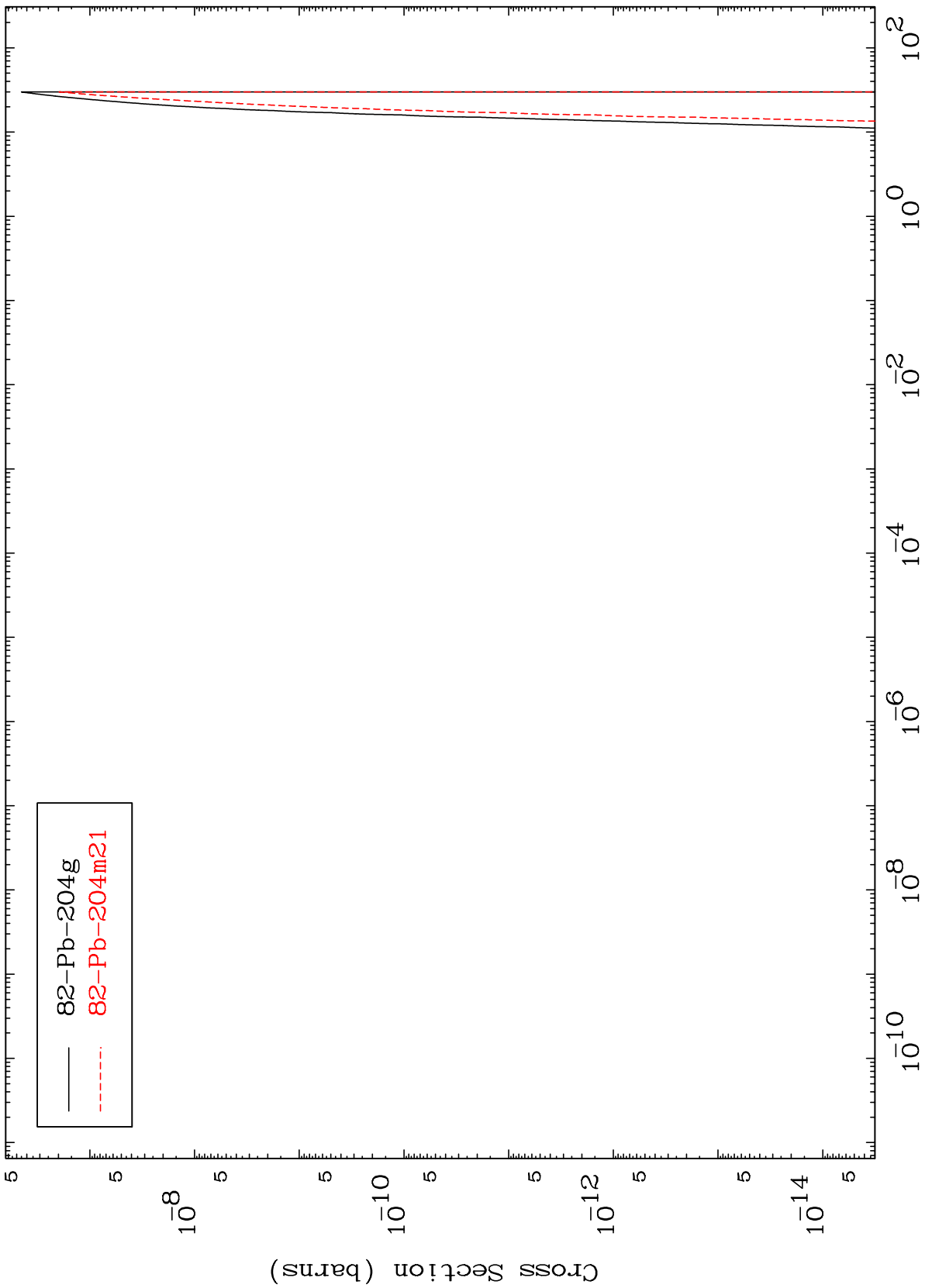
85-At-209

MAT 8543

(n,d)  $\alpha$

85-At-209

Radionuclide Production Cross Section



97

Incident Energy (MeV)

85-At-209