

Program EVALPLOT  
(Version 2015-2)

by

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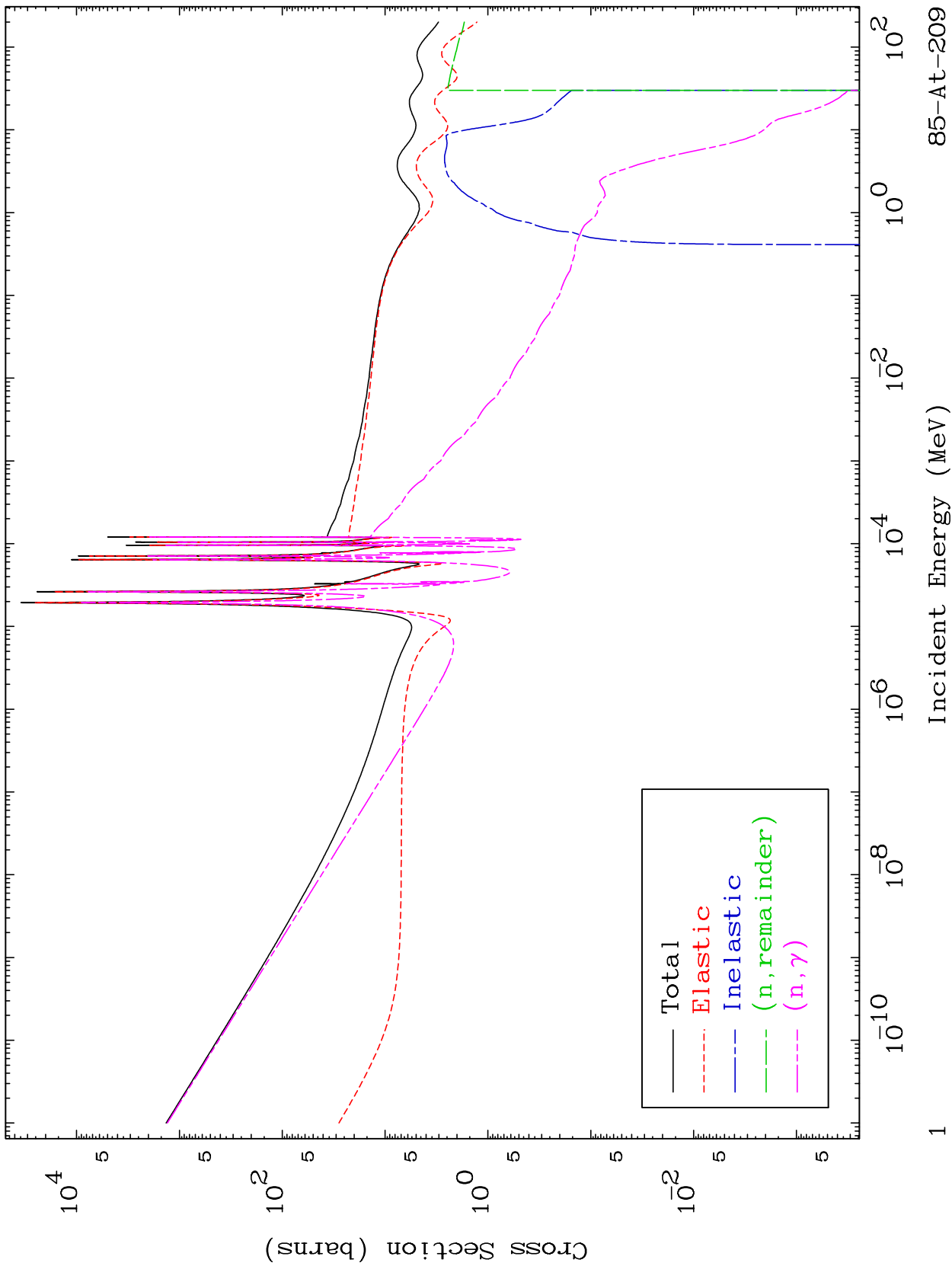
Press Mouse Button to Start

MAT 8543

Major

293 Kelvin Cross Sections

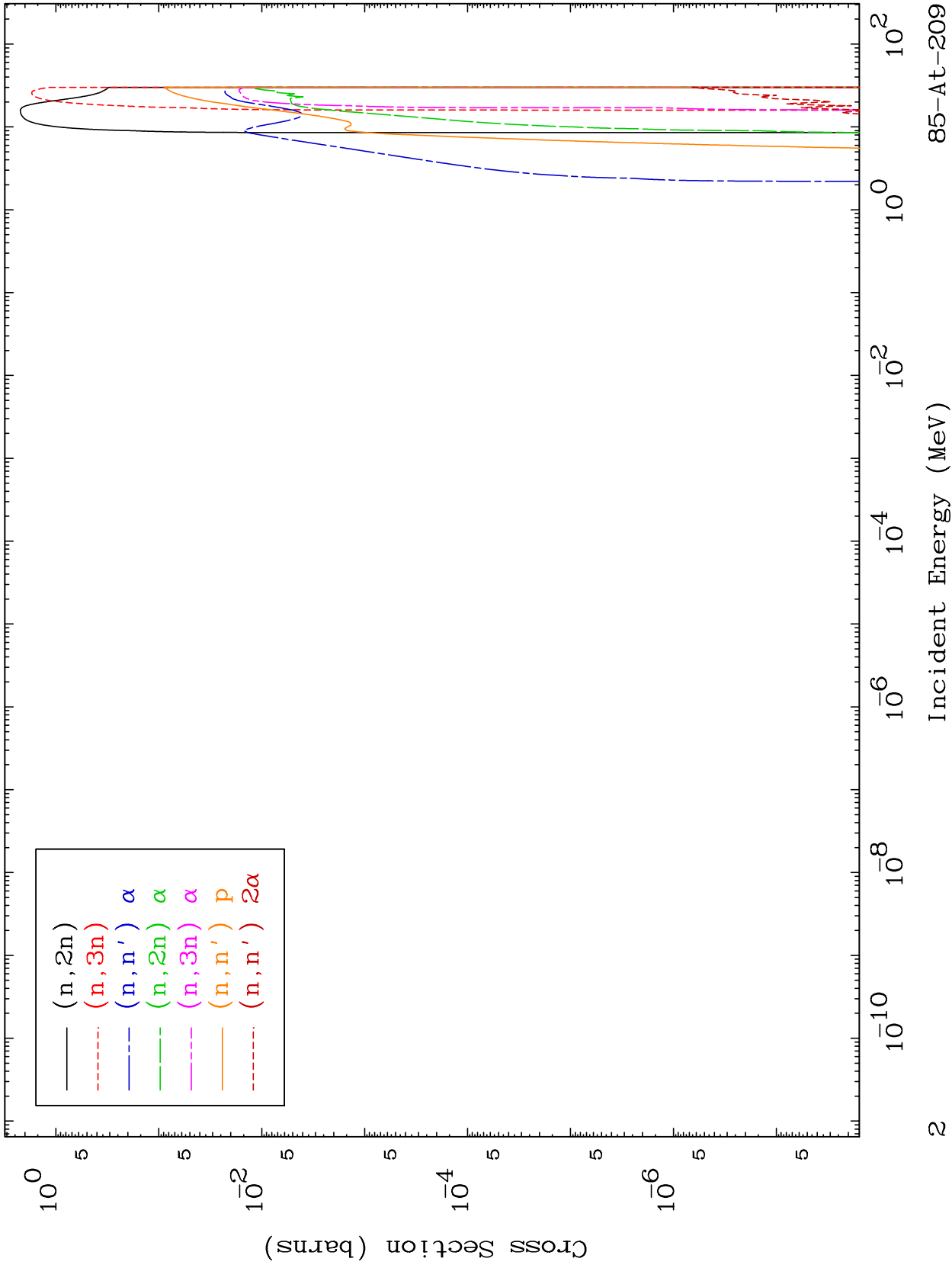
85-At-209



MAT 8543

Neutron Production  
293 Kelvin Cross Sections

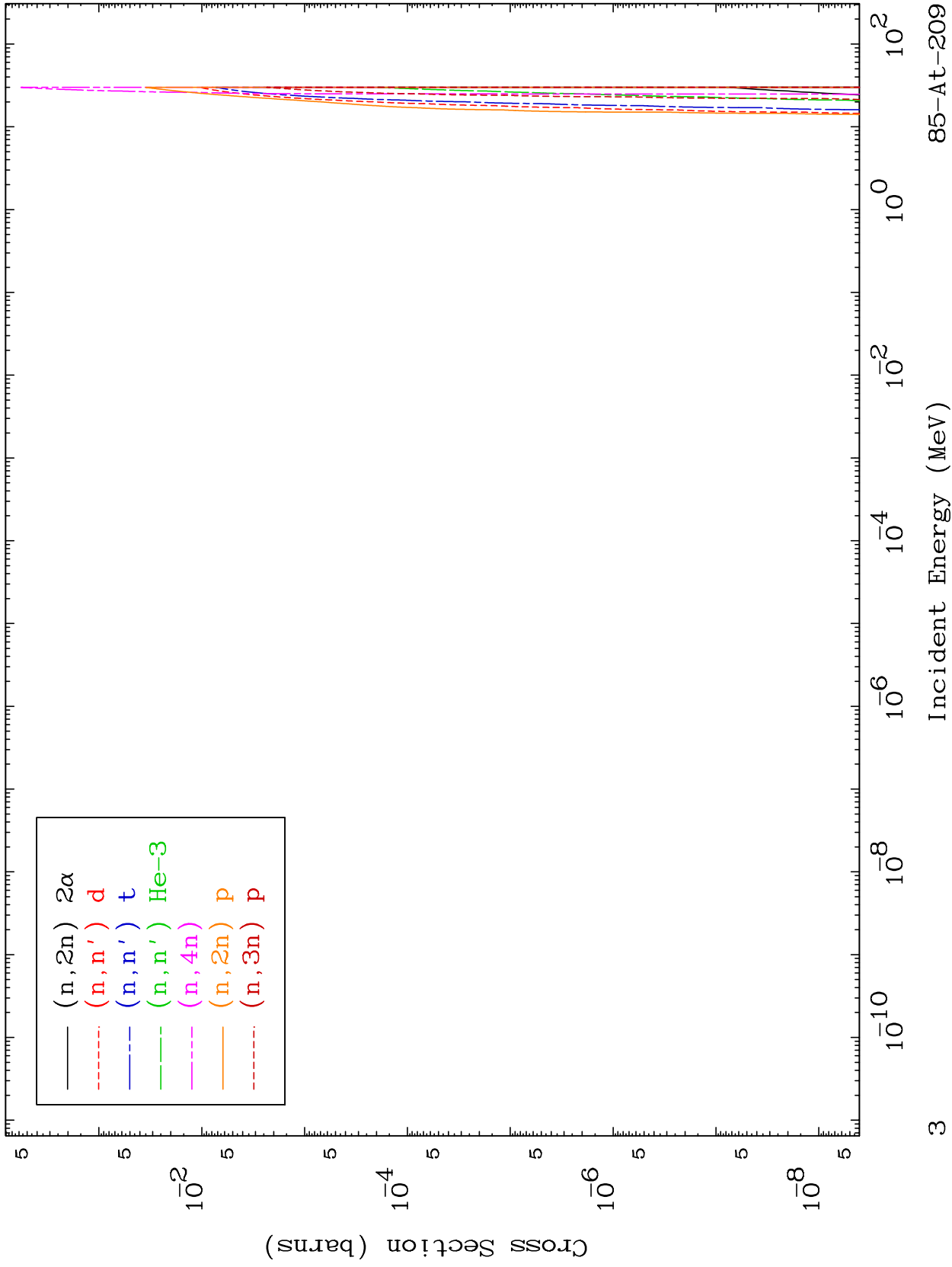
85-At-209



MAT 8543

Neutron Production  
293 Kelvin Cross Sections

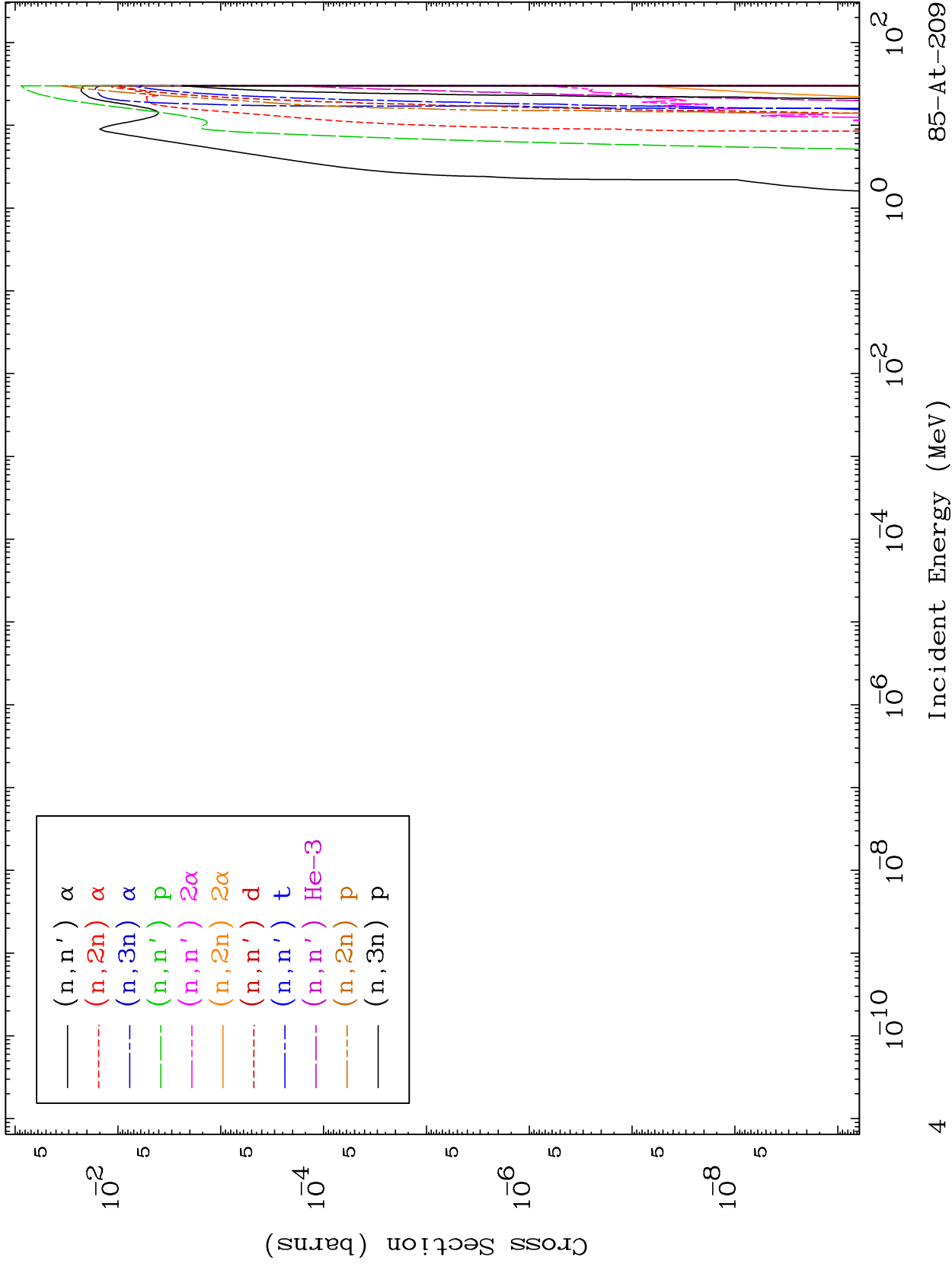
85-At-209



MAT 8543

Charged Particle  
293 Kelvin Cross Sections

85-At-209

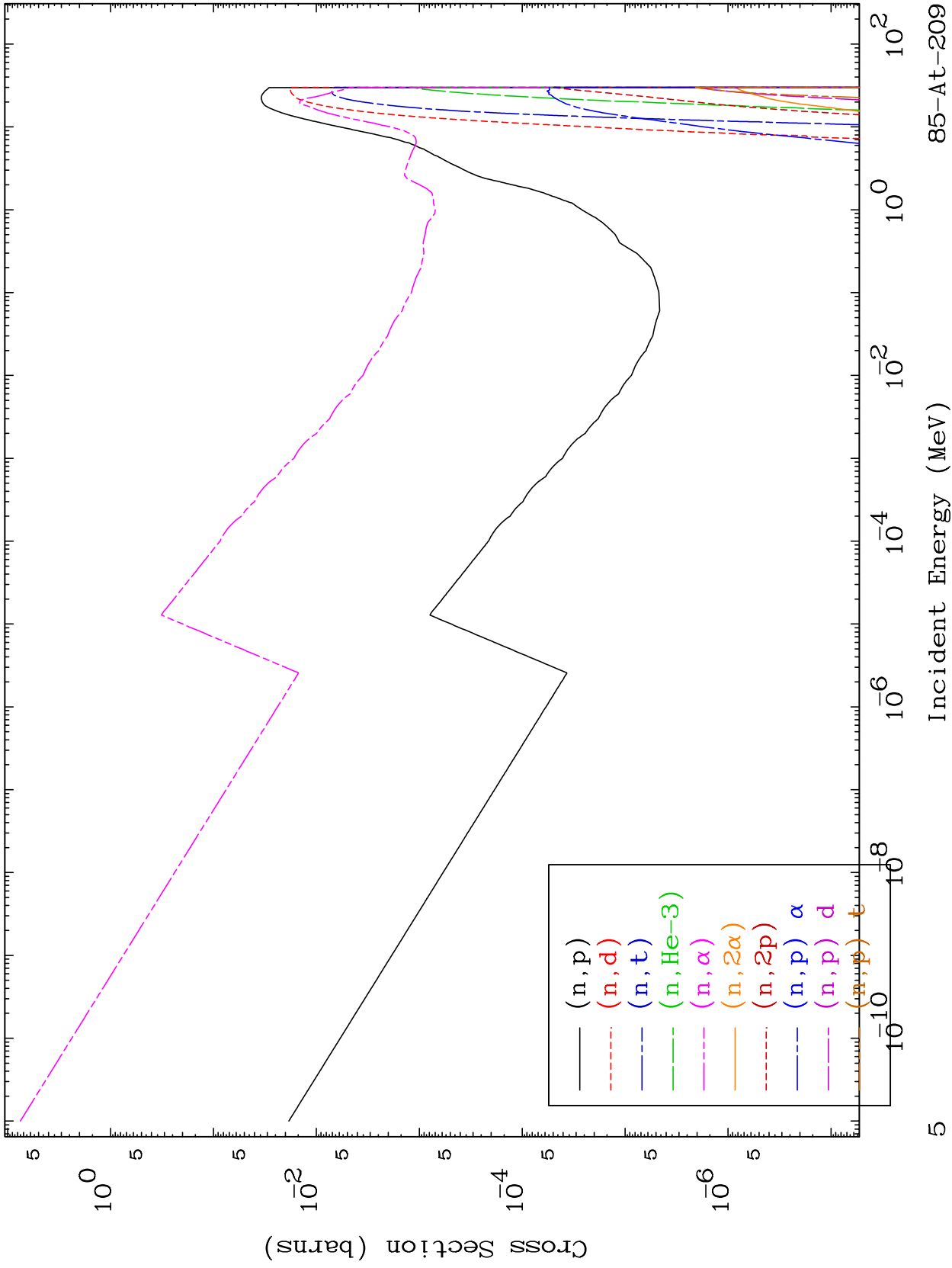


85-At-209

MAT 8543

Charged Particle  
293 Kelvin Cross Sections

85-At-209



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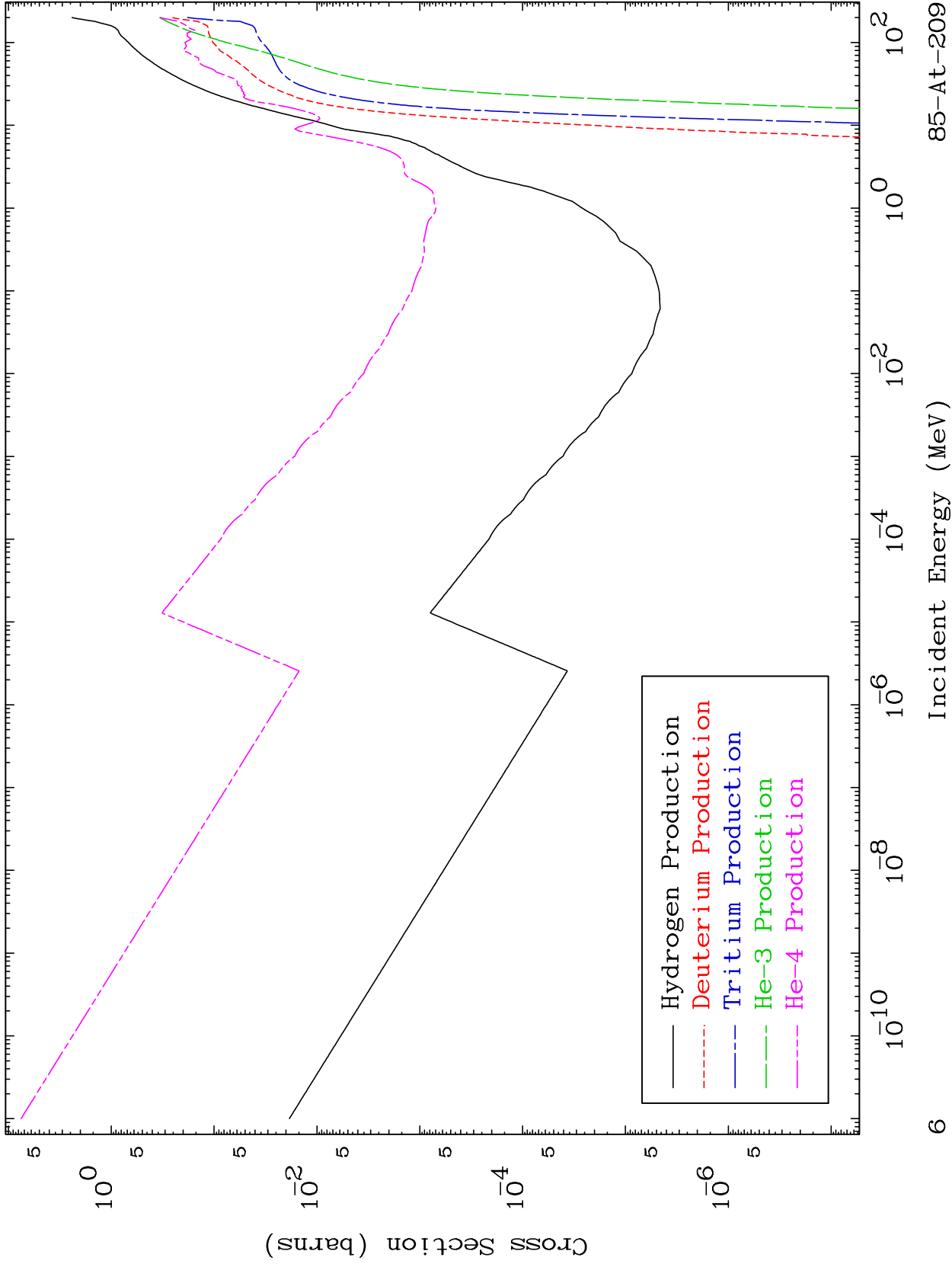
Incident Energy (MeV)

85-At-209

MAT 8543

Particle Production  
293 Kelvin Cross Sections

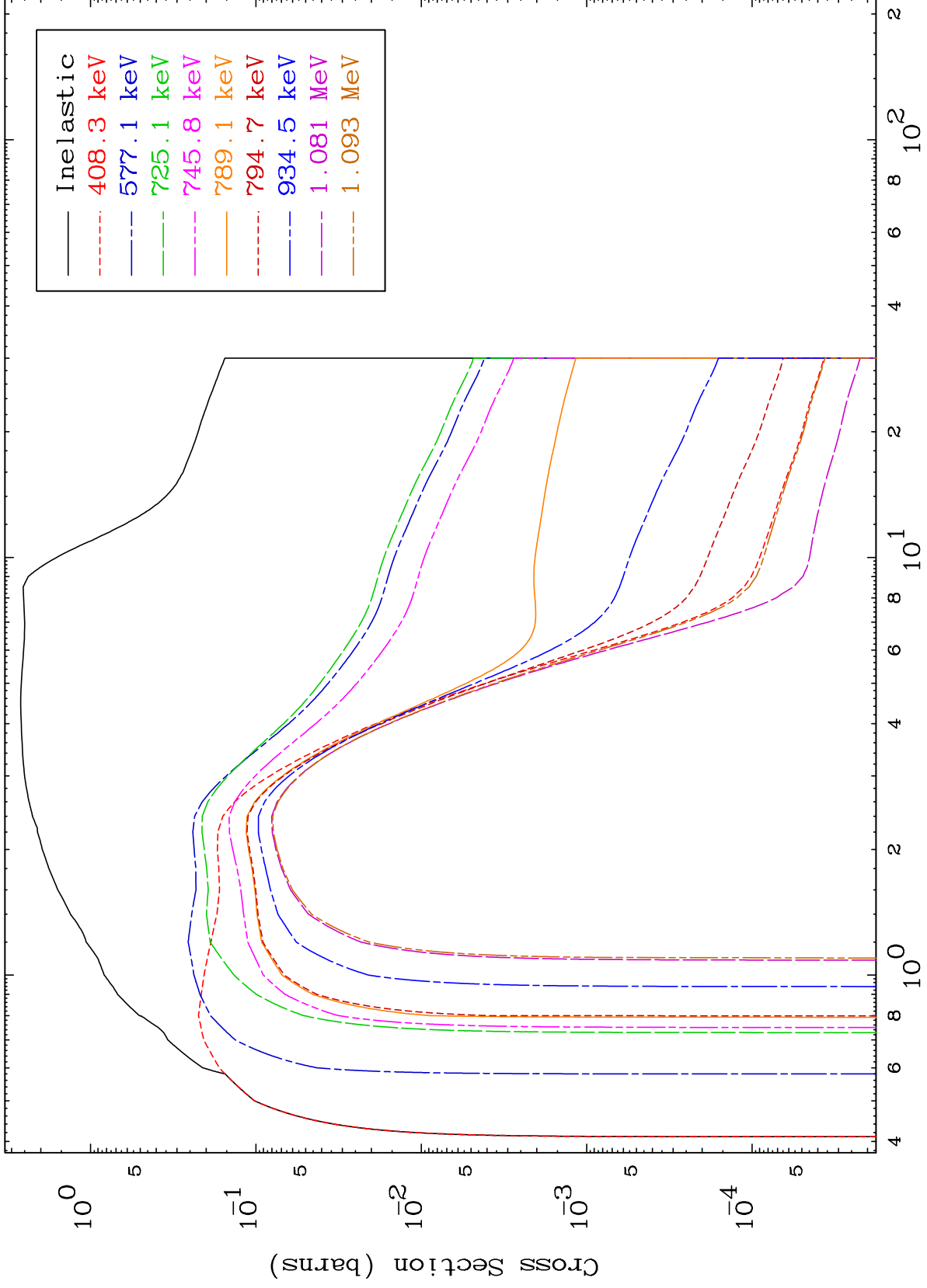
85-At-209



MAT 8543

(n,n') Level  
293 Kelvin Cross Sections

85-At-209



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Incident Energy (MeV)

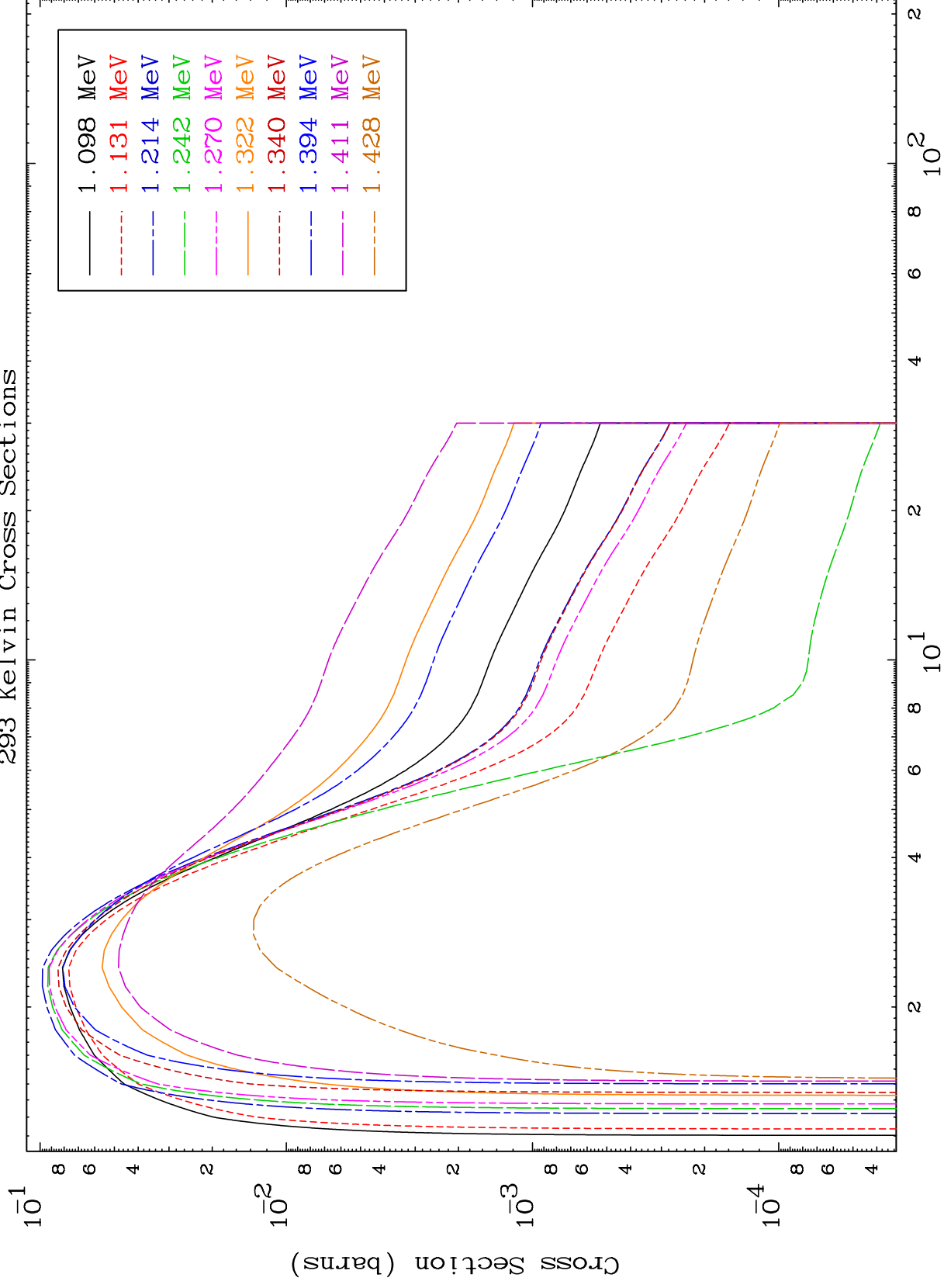
85-At-209



MAT 8543

(n,n') Level  
293 Kelvin Cross Sections

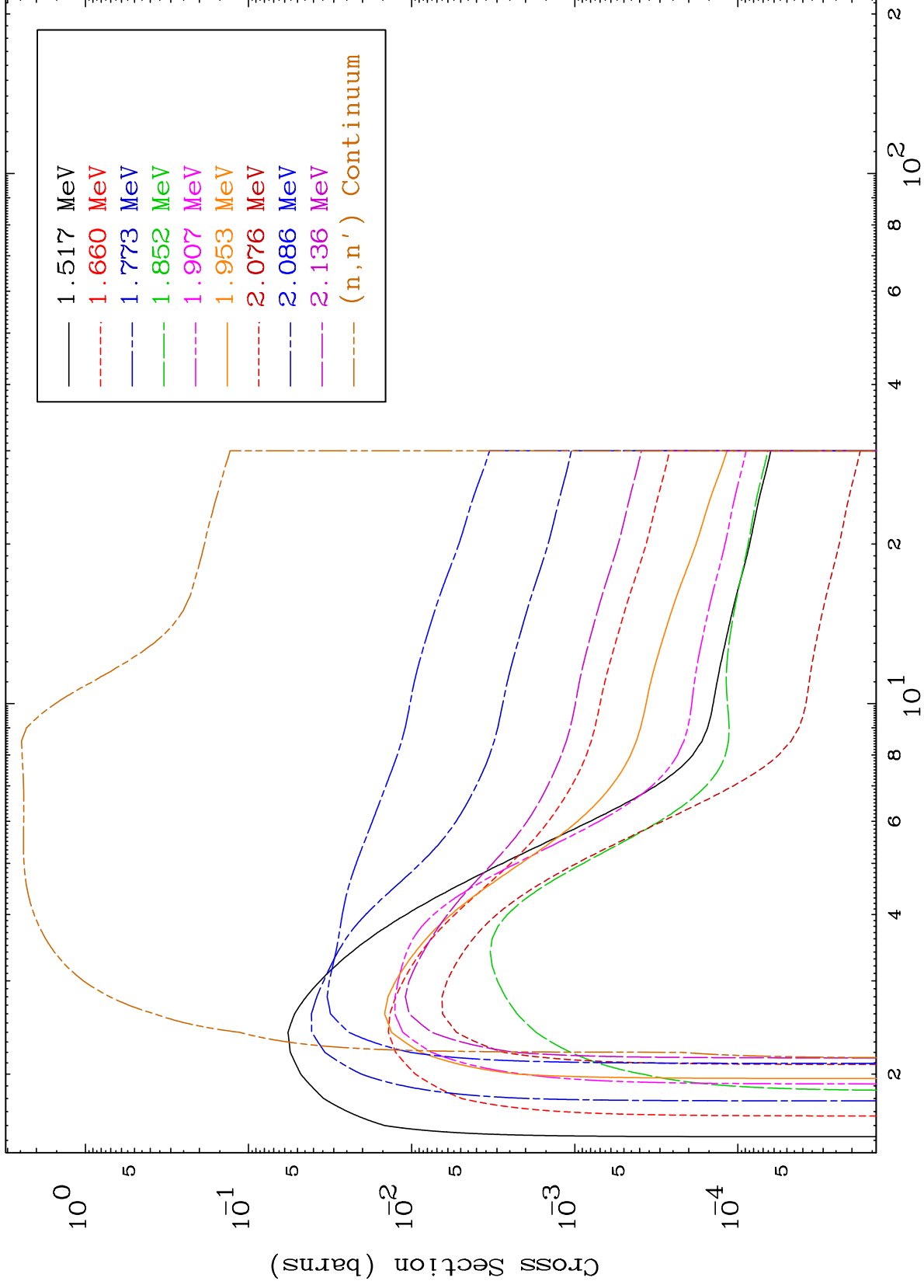
85-At-209



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Incident Energy (MeV)

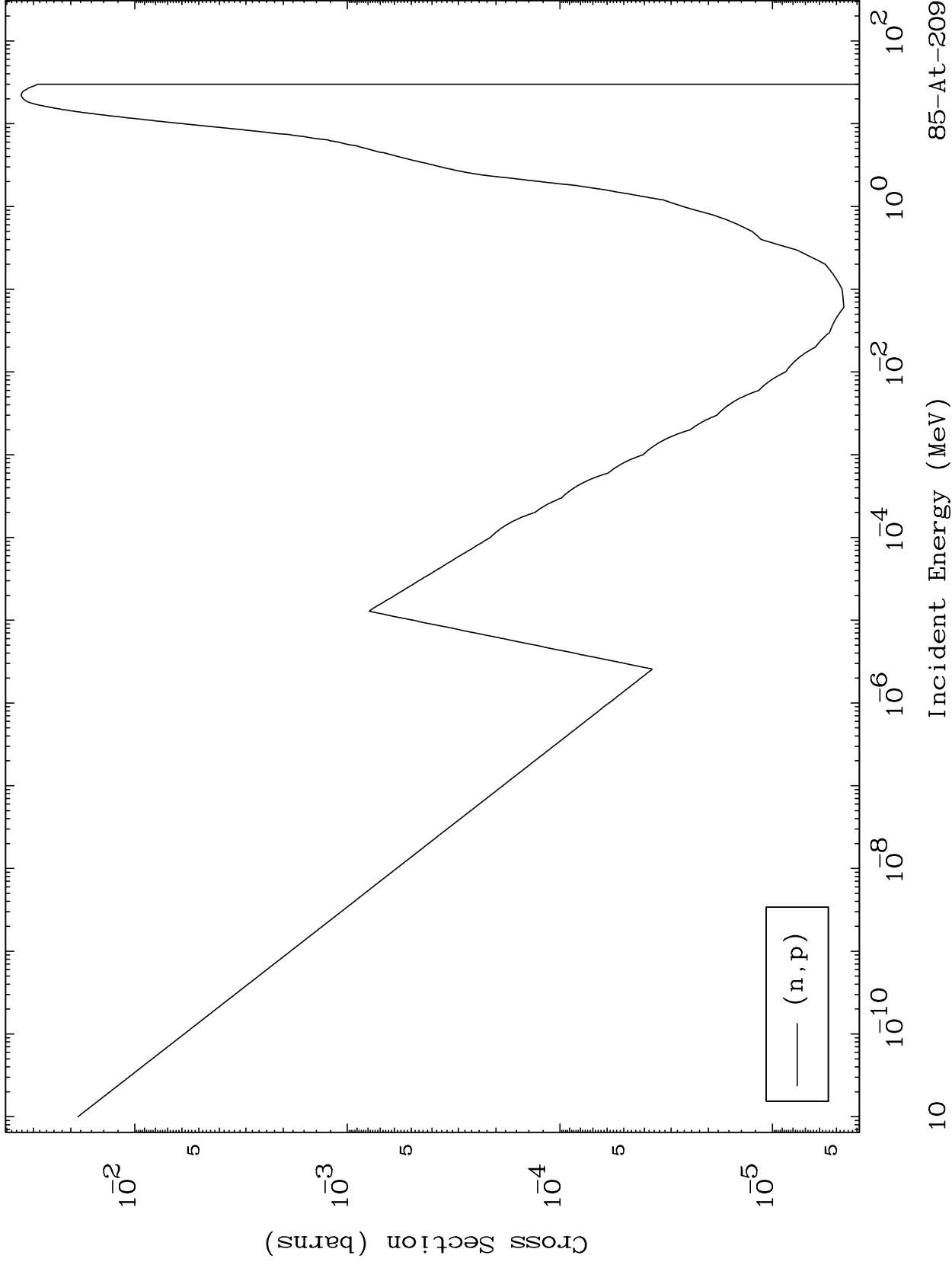
85-At-209



MAT 8543

(n,p) Levels  
293 Kelvin Cross Sections

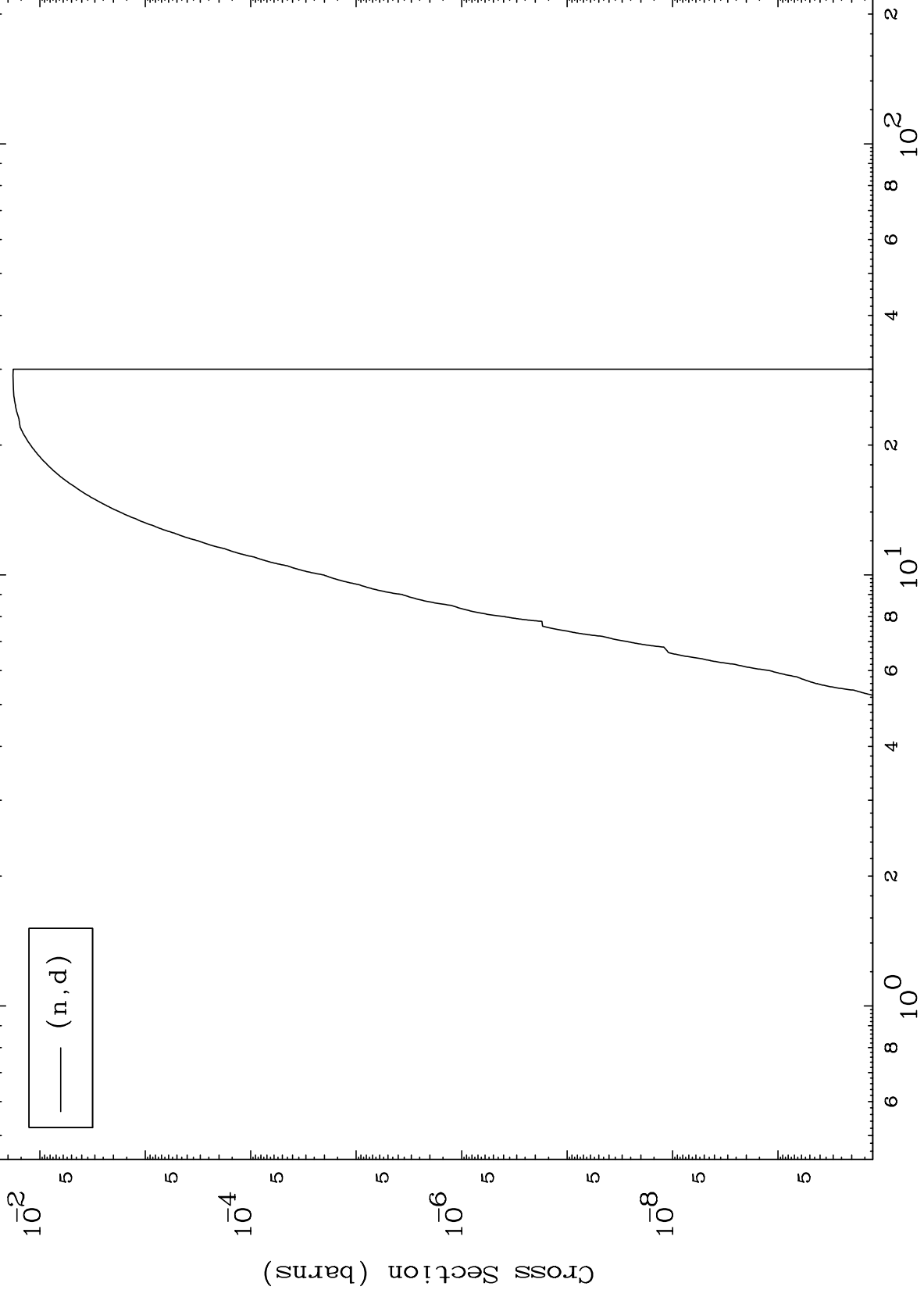
85-At-209



MAT 8543

(n,d) Levels  
293 Kelvin Cross Sections

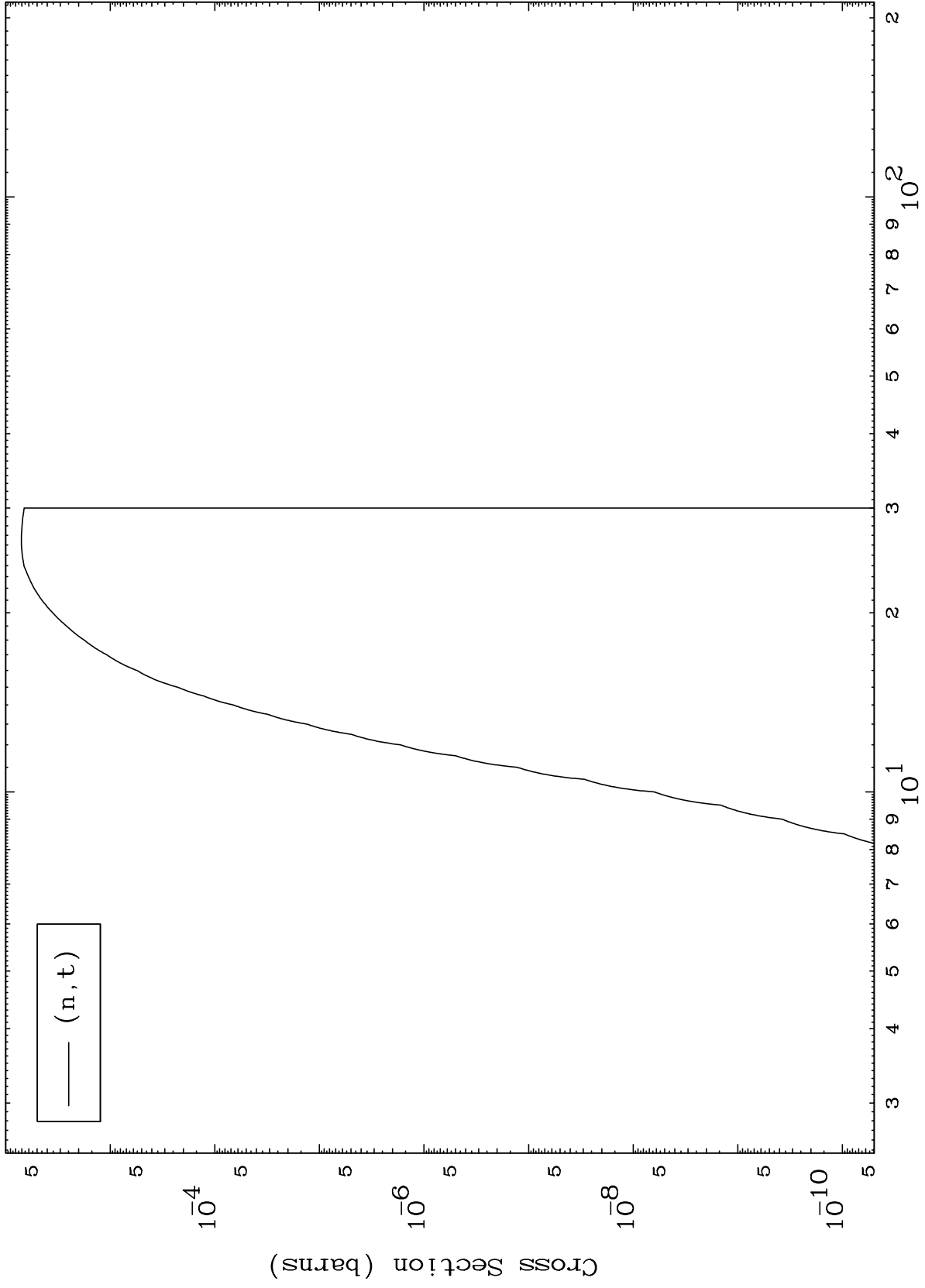
85-At-209



MAT 8543

(n,t) Levels  
293 Kelvin Cross Sections

85-At-209



12

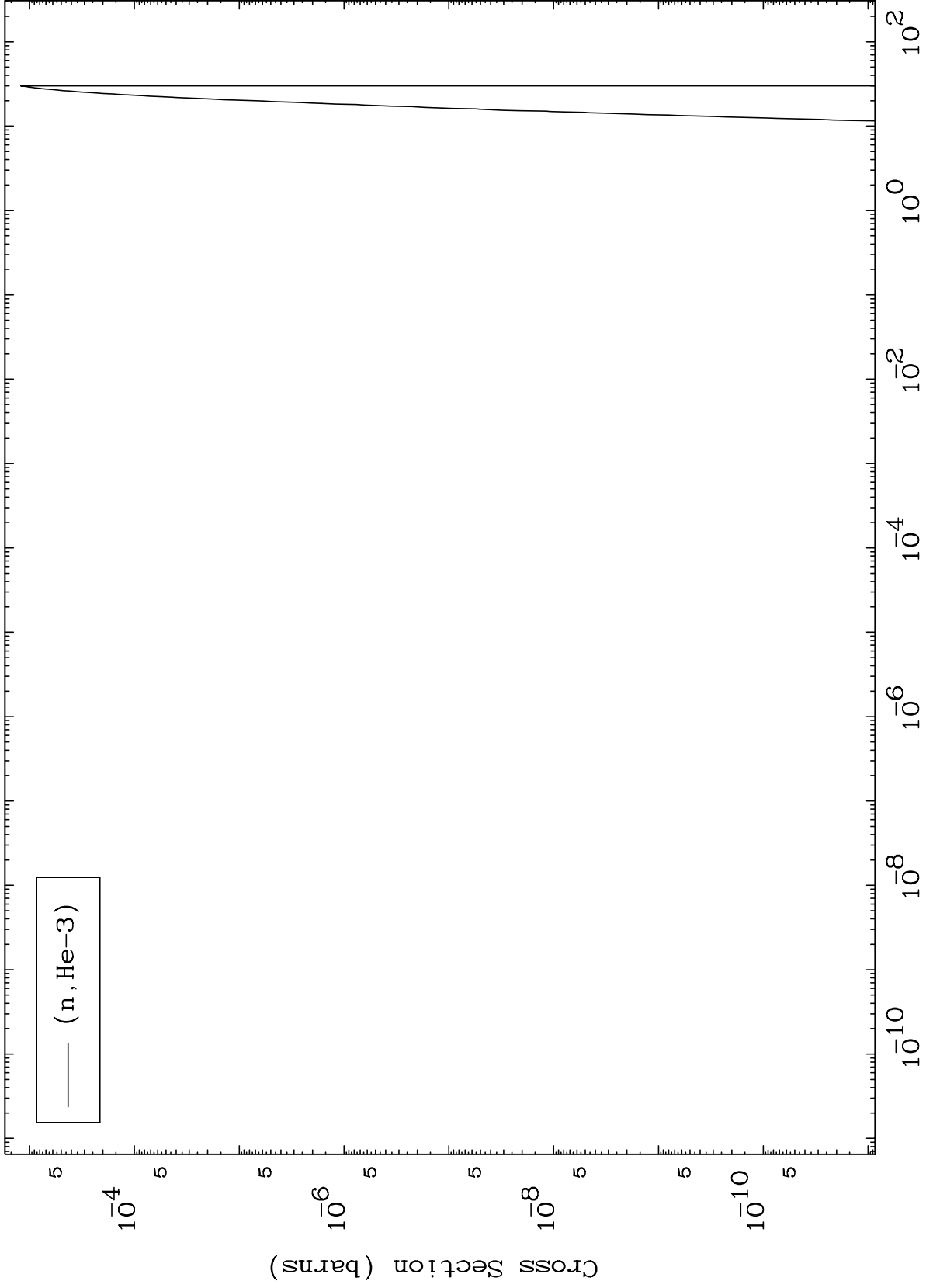
Incident Energy (MeV)

85-At-209

MAT 8543

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-209



13

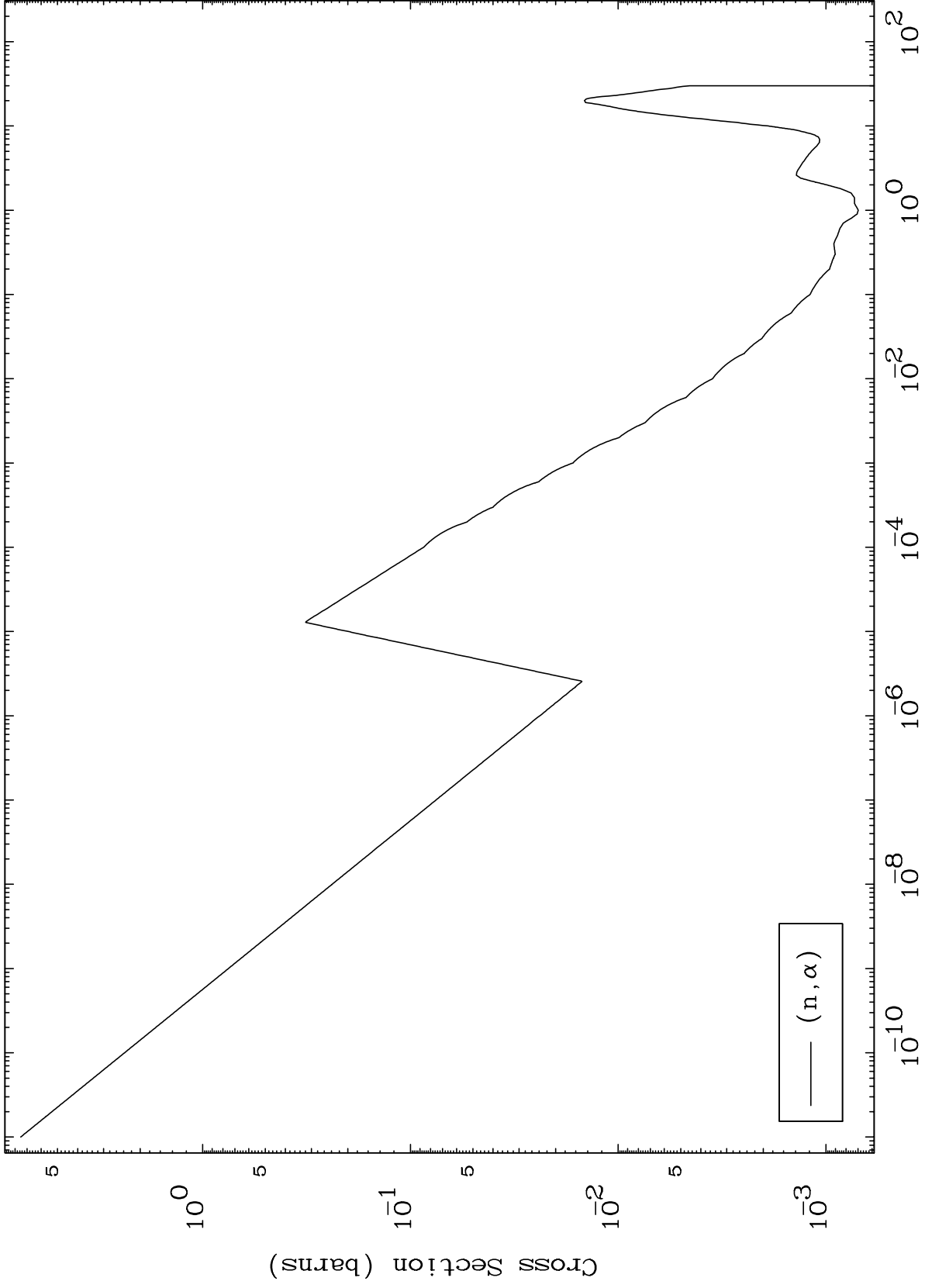
Incident Energy (MeV)

85-At-209

MAT 8543

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

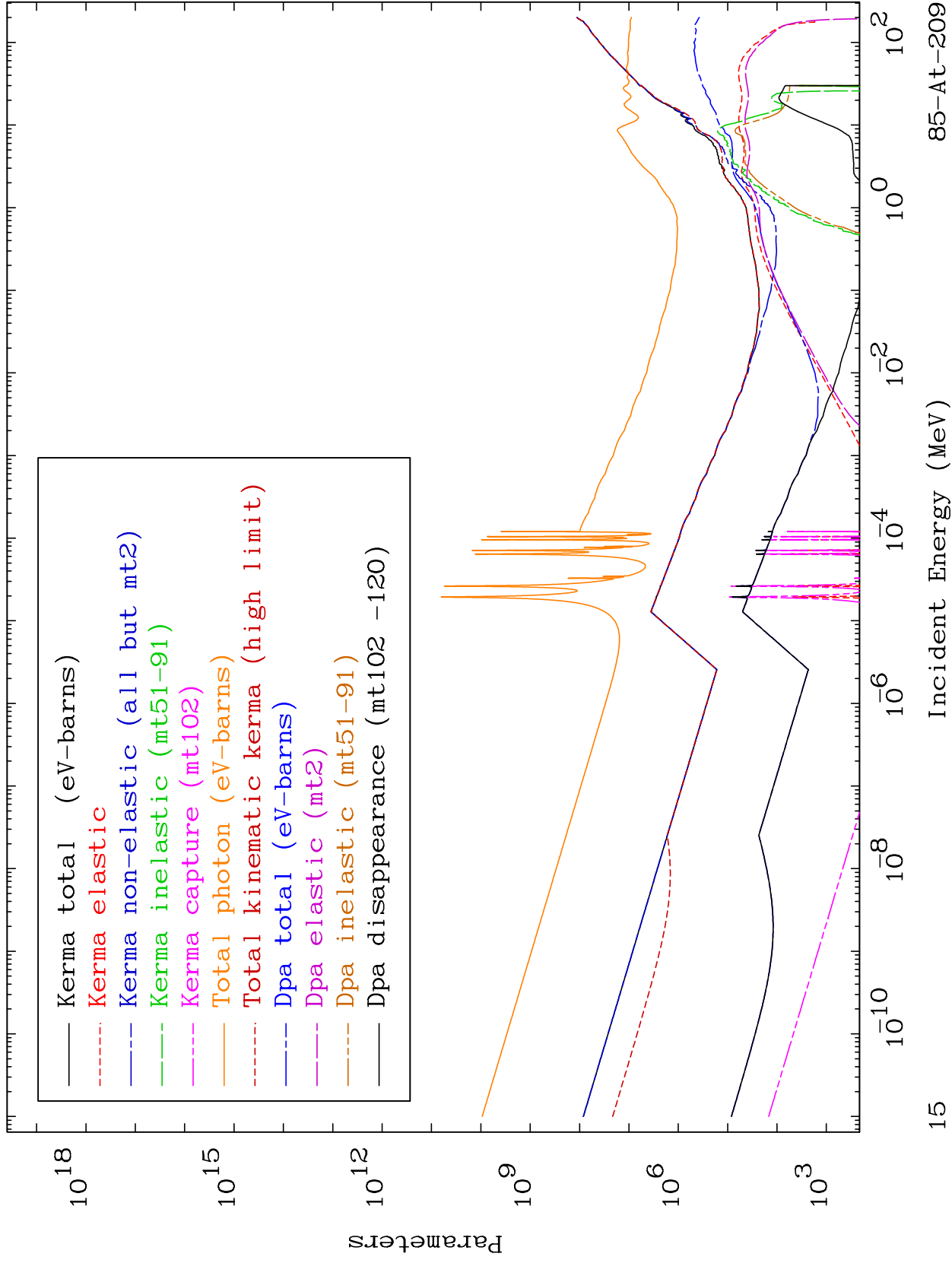
85-At-209



14

Incident Energy (MeV)

85-At-209

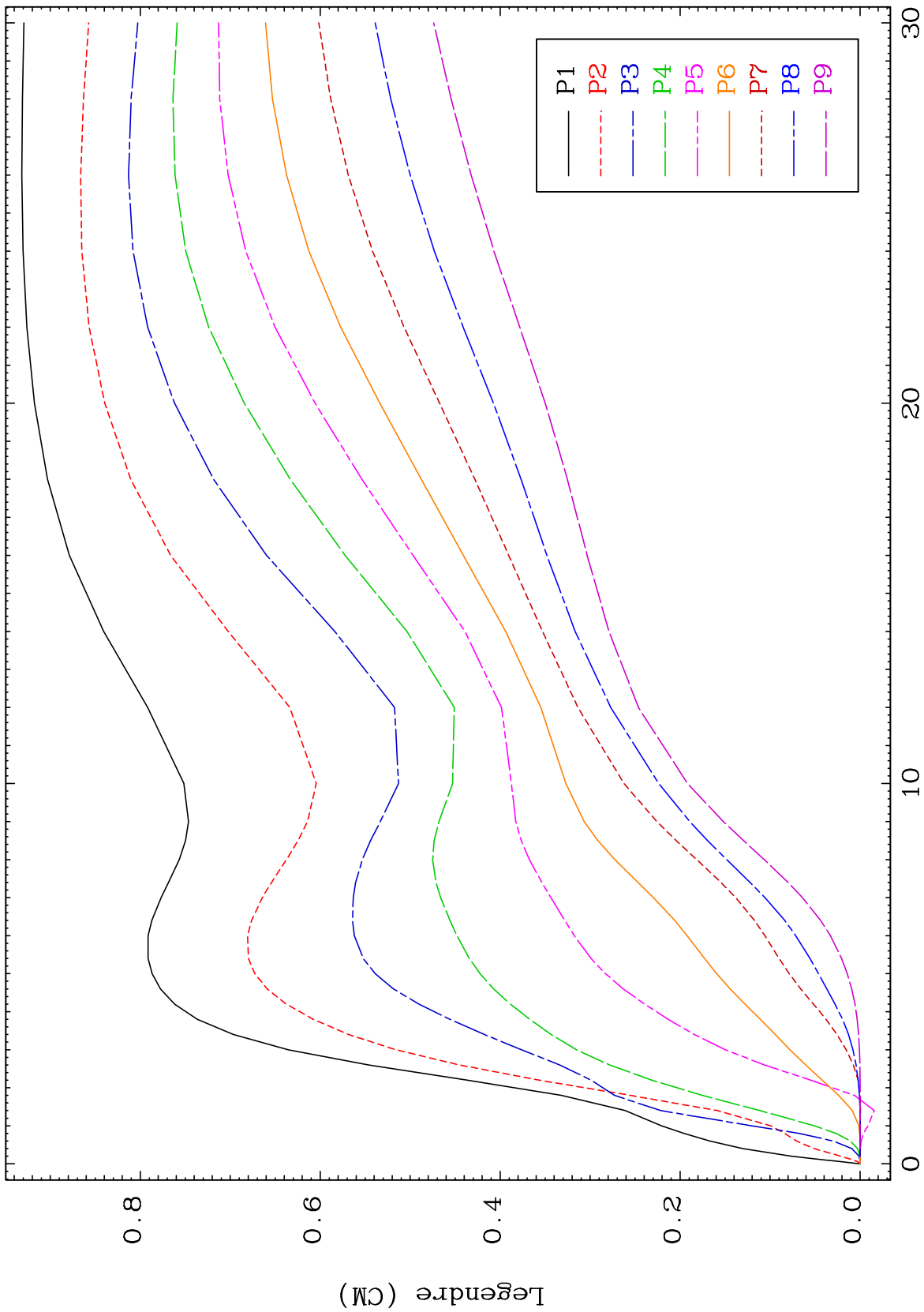




MAT 8543

85-At-209

Elastic Legendre Coefficients



85-At-209

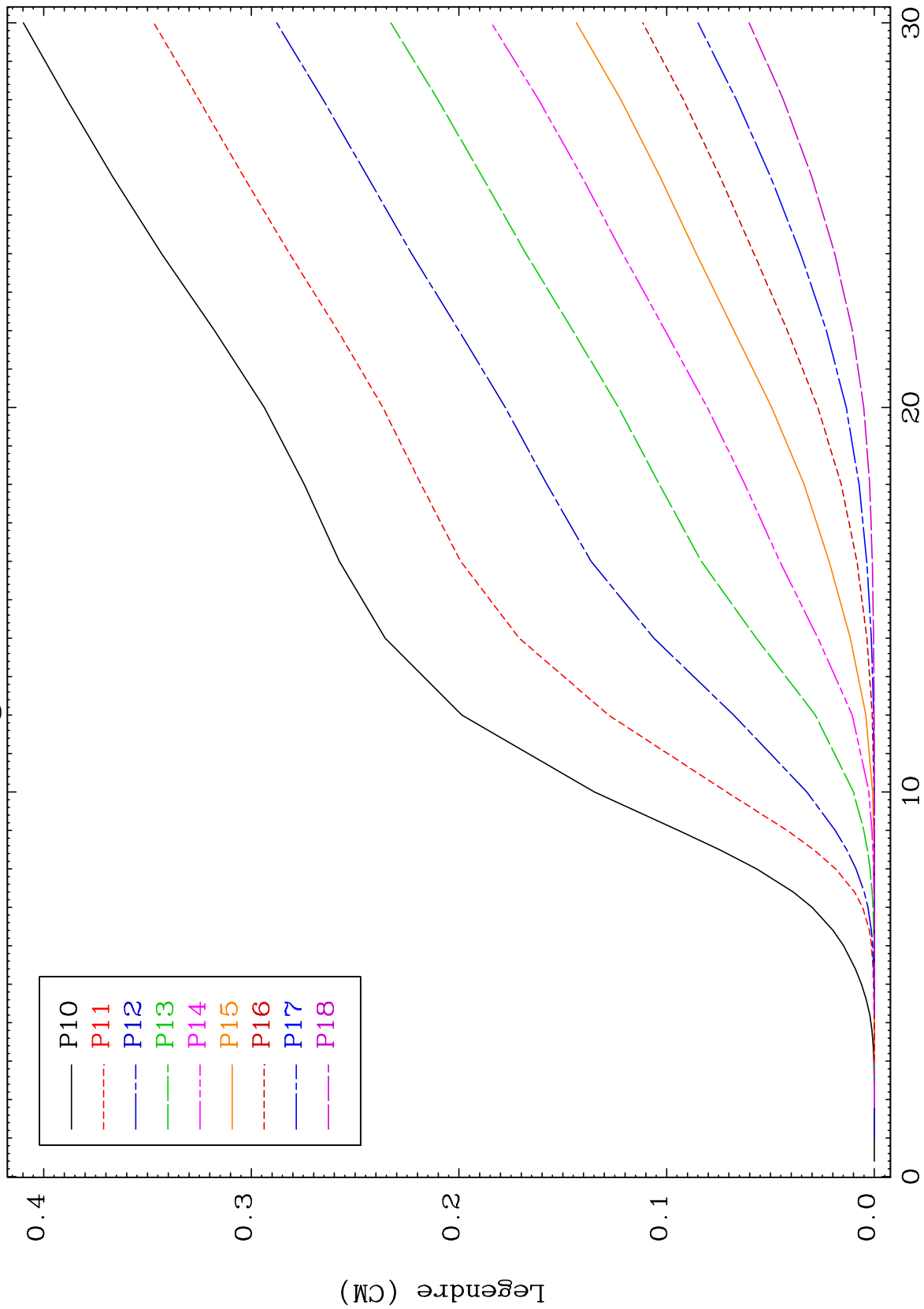
Incident Energy (MeV)

16

MAT 8543

Elastic Legendre Coefficients

85-At-209



17

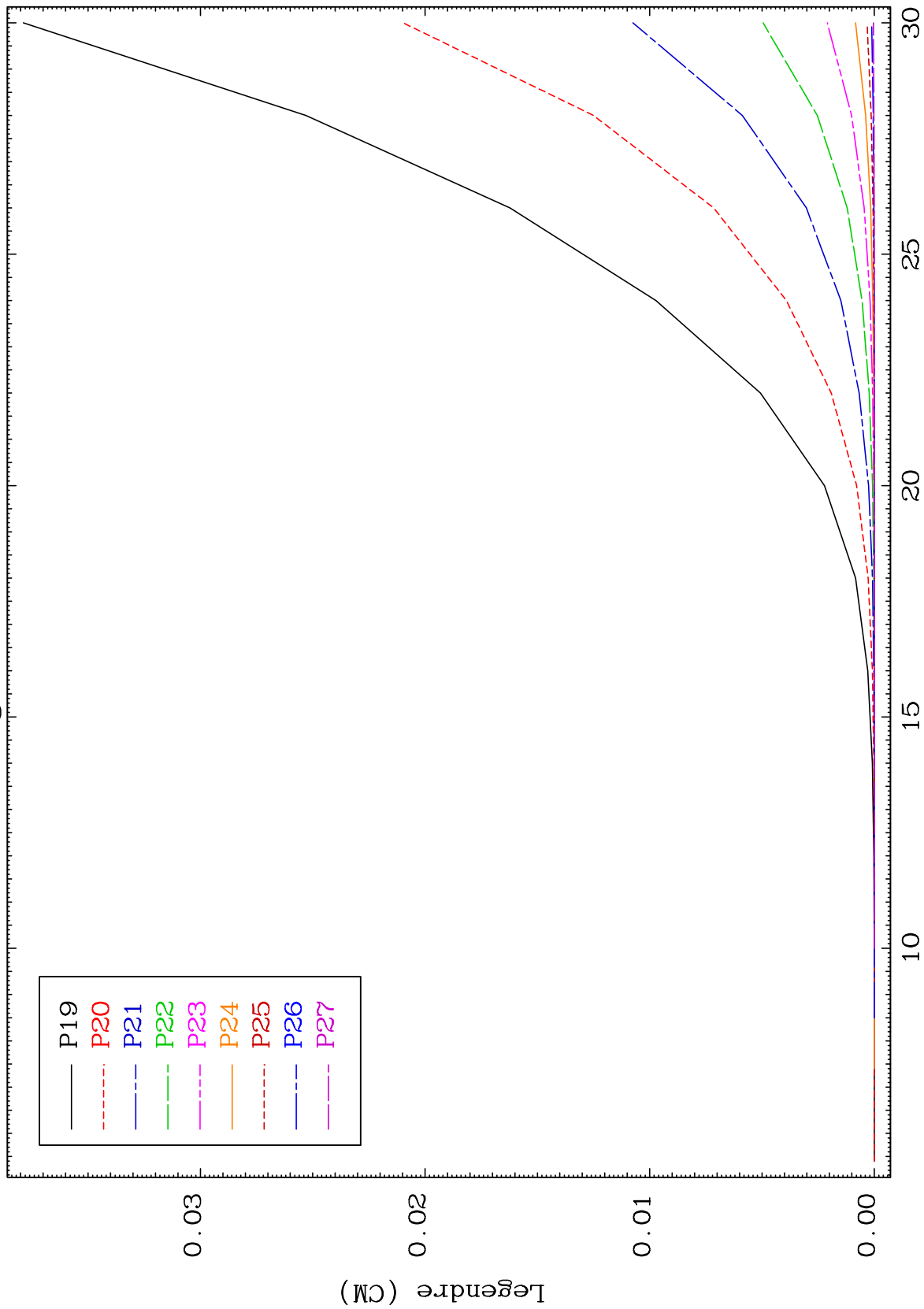
Incident Energy (MeV)

85-At-209

MAT 8543

### Elastic Legendre Coefficients

85-At-209



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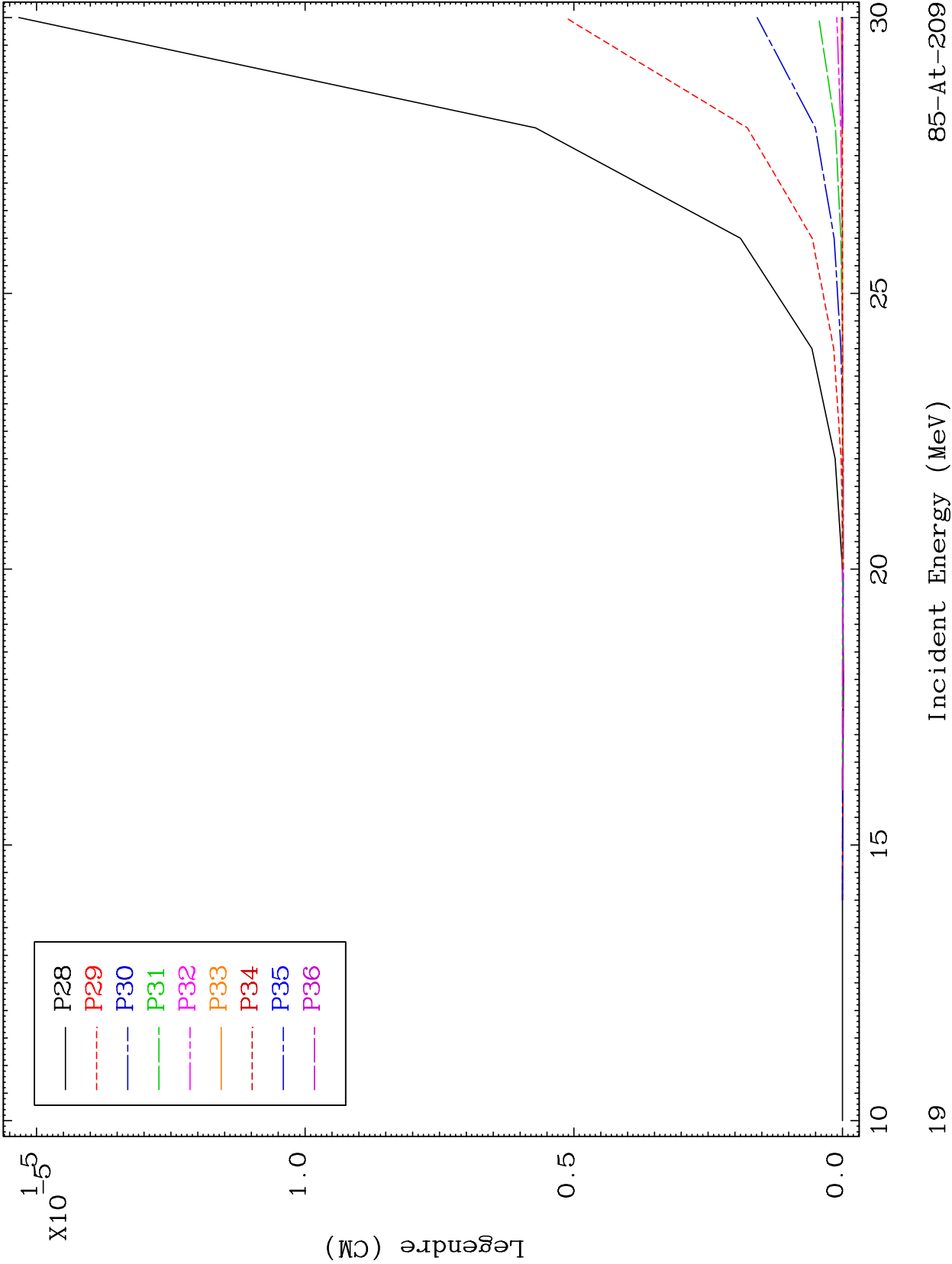
Incident Energy (MeV)

85-At-209

MAT 8543

Elastic Legendre Coefficients

85-At-209



85-At-209

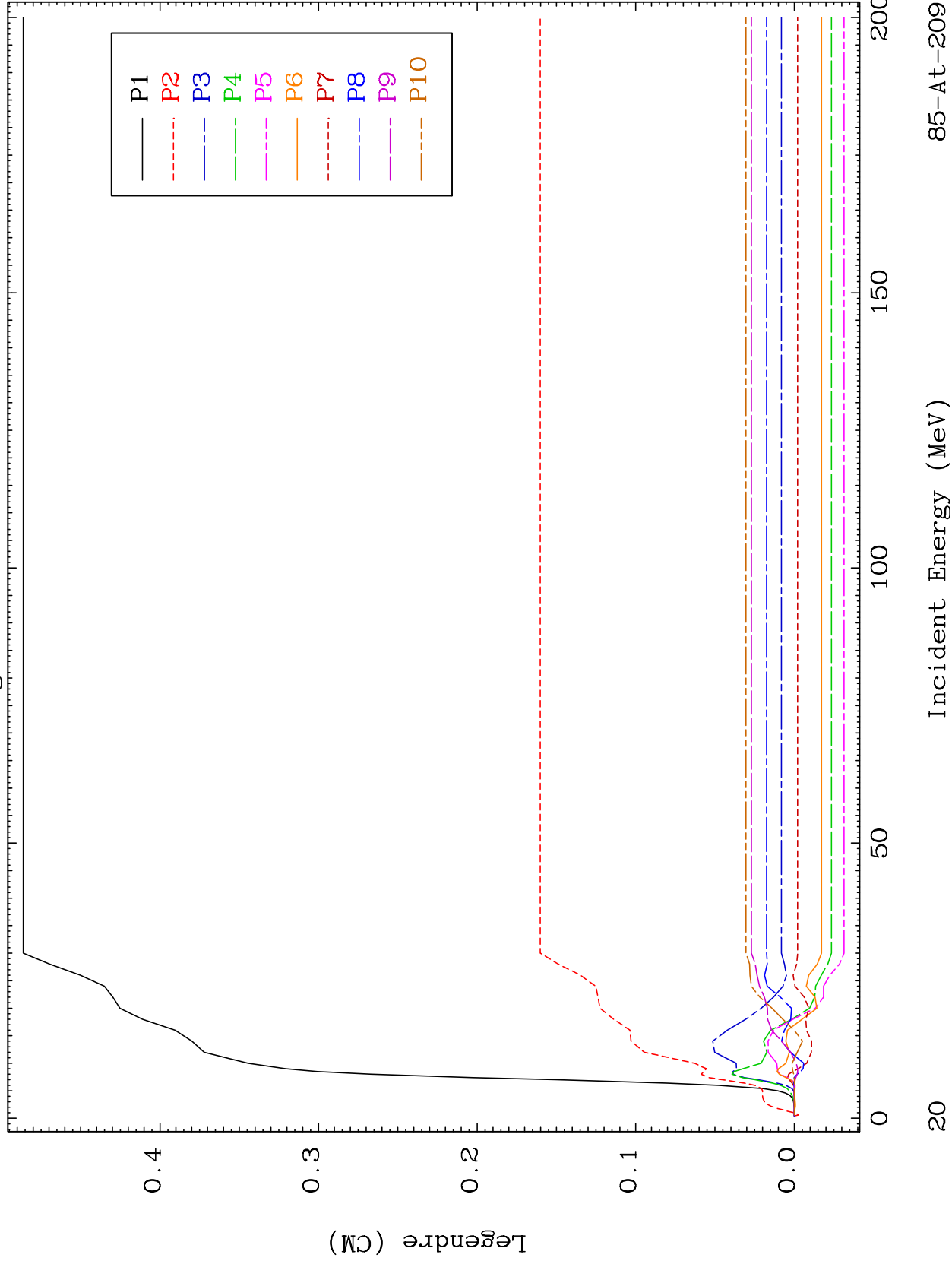
Incident Energy (MeV)

19

MAT 8543

408.3 keV (n,n') Level  
Legendre Coefficients

85-At-209



85-At-209

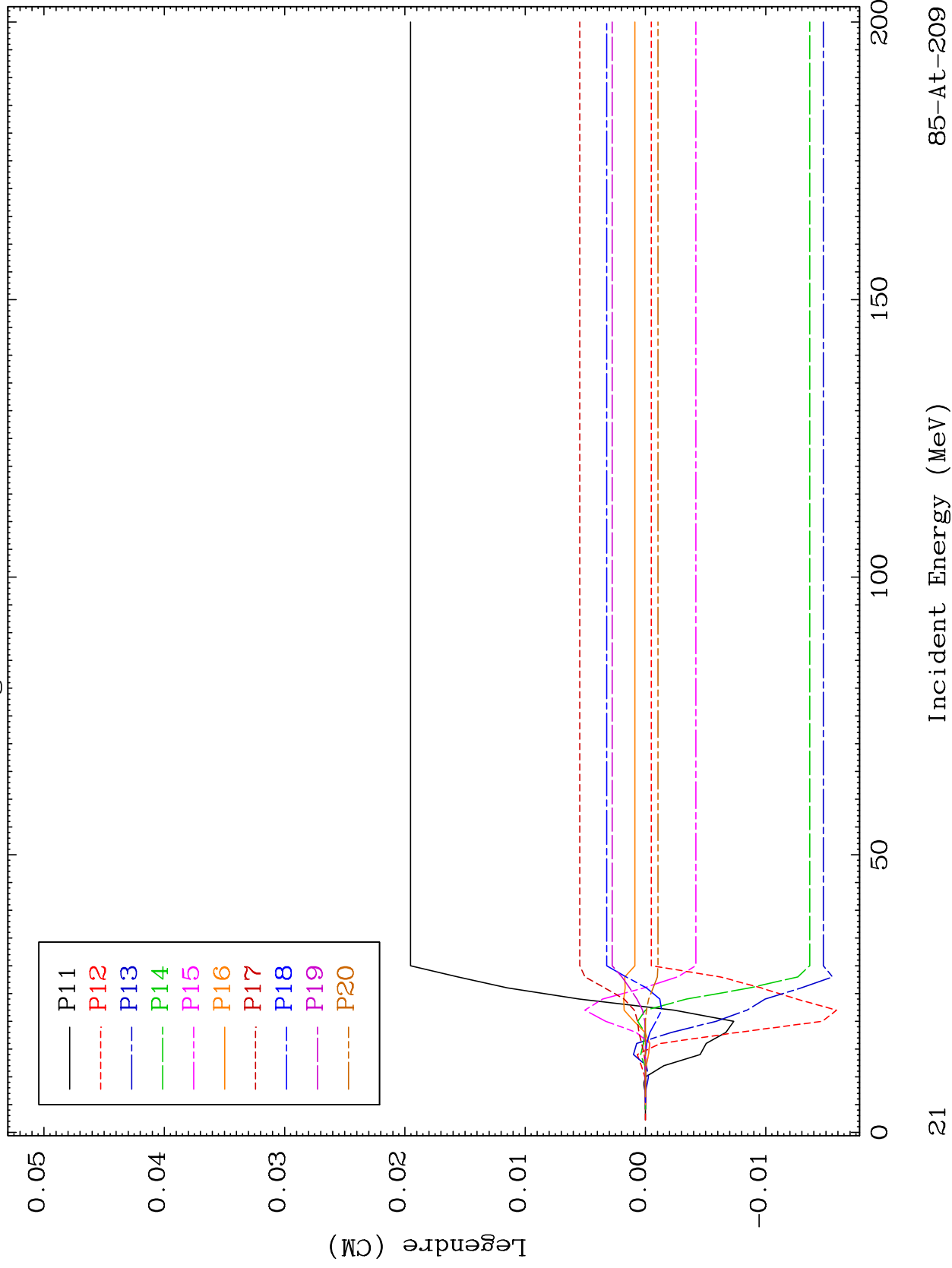
Incident Energy (MeV)

0

MAT 8543

408.3 keV (n,n') Level  
Legendre Coefficients

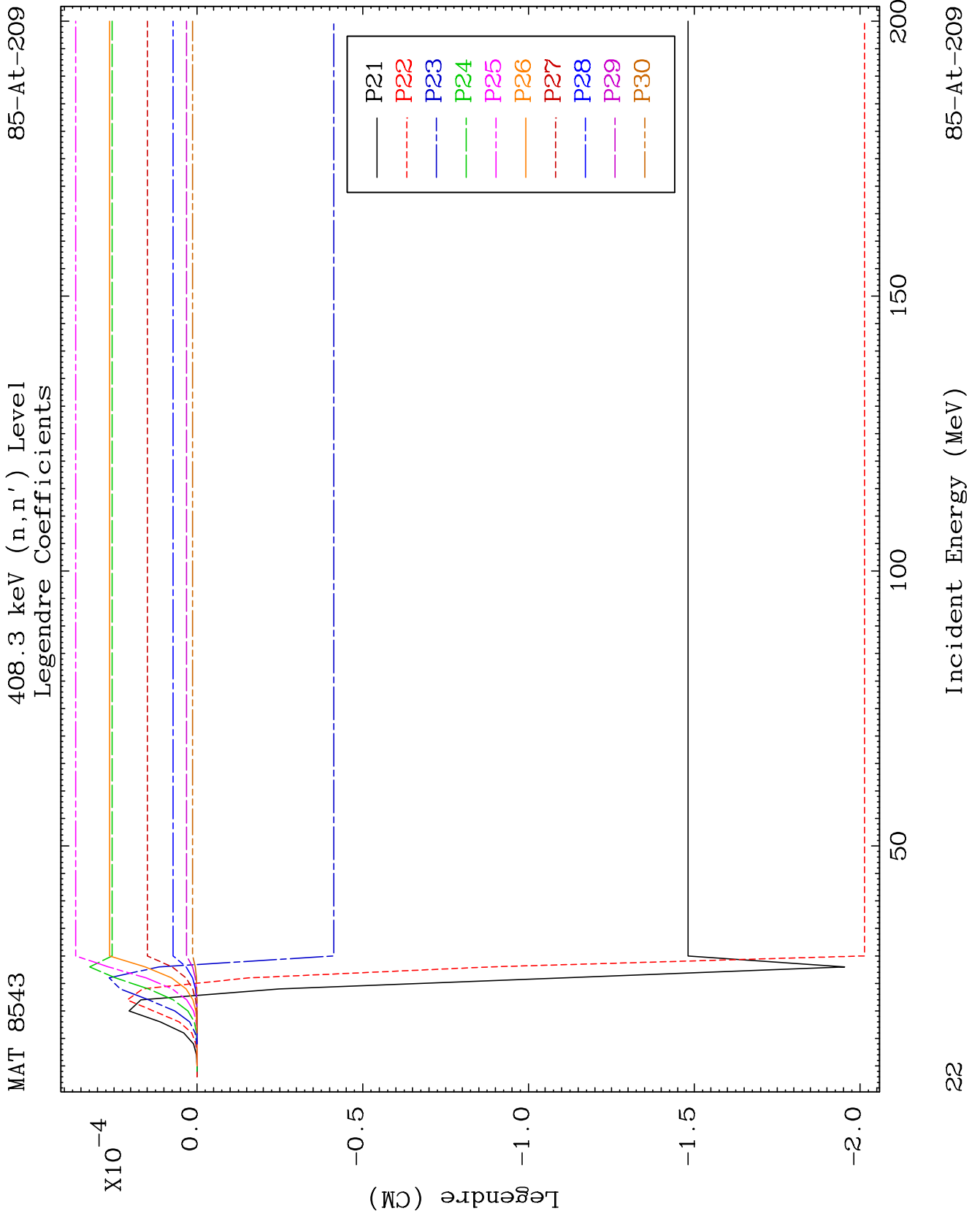
85-At-209

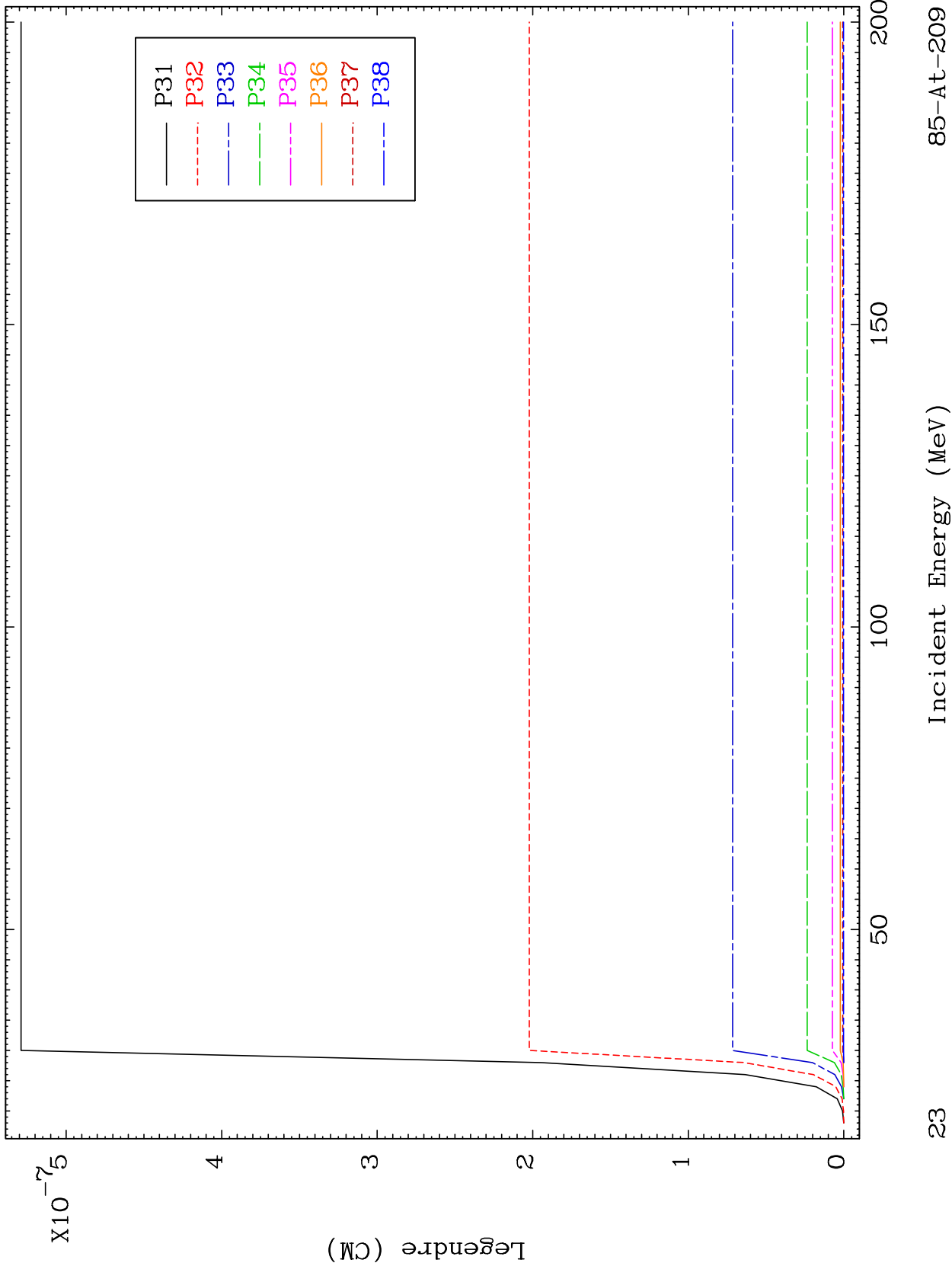


21

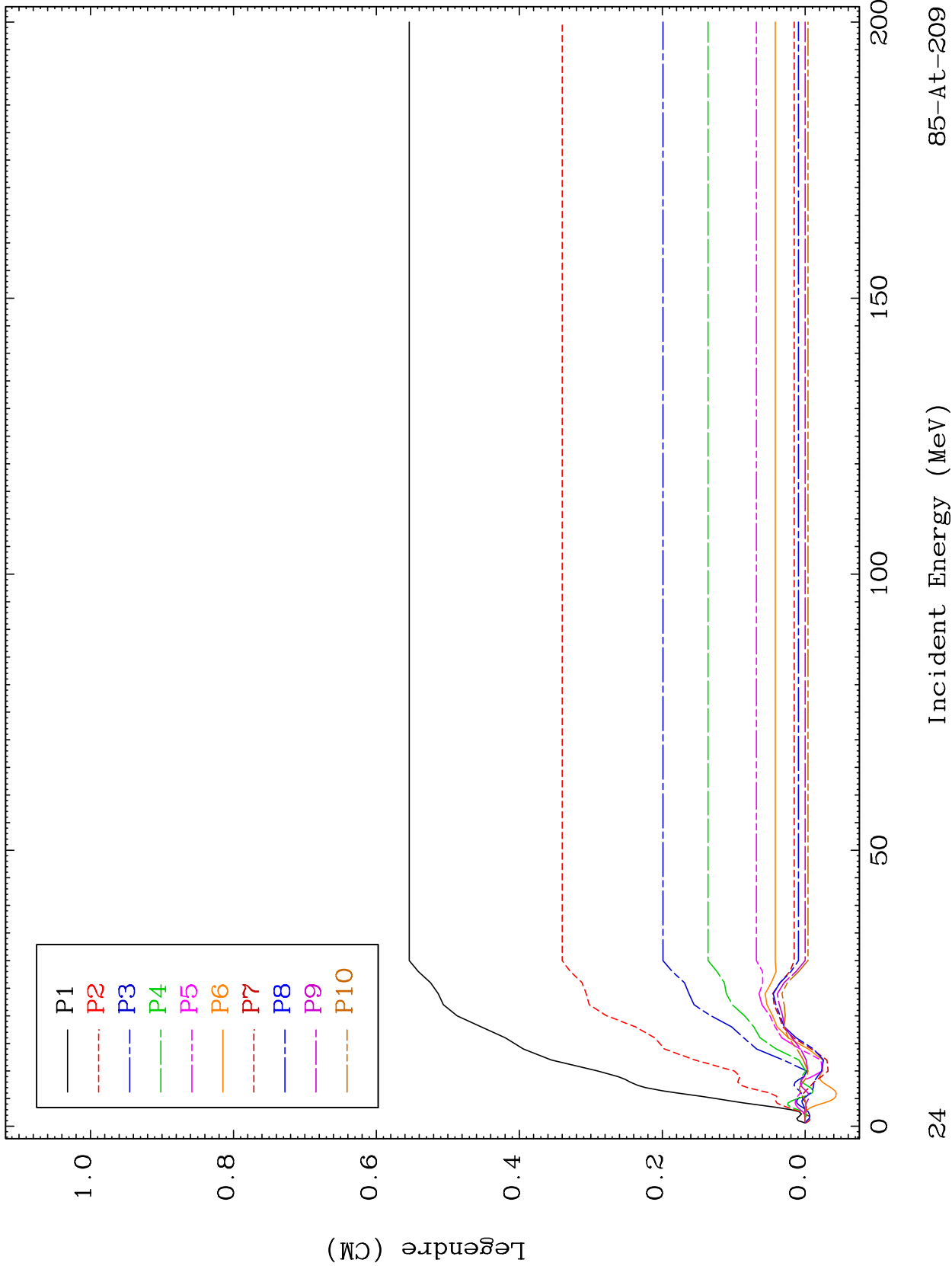
Incident Energy (MeV)

85-At-209





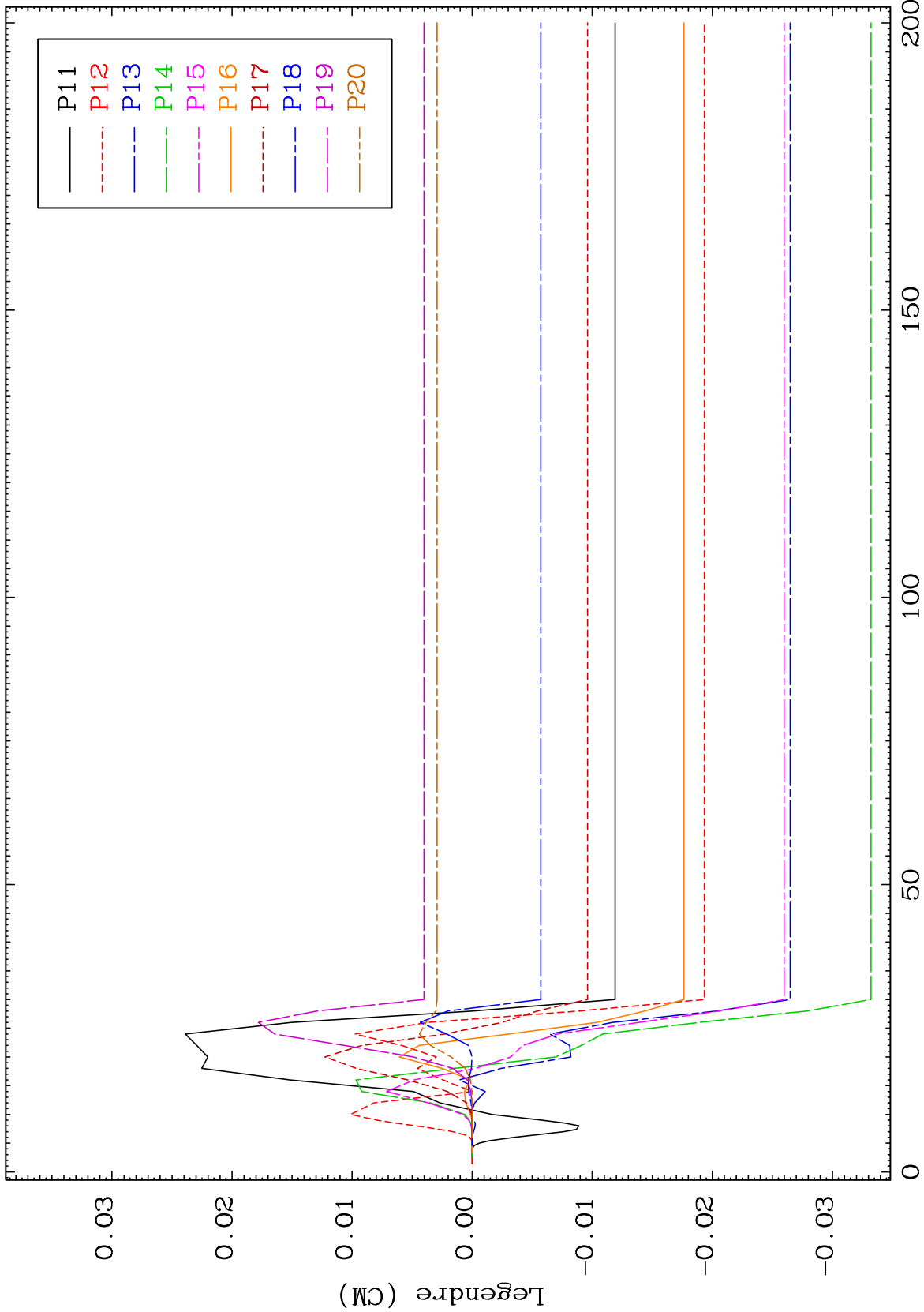




MAT 8543

577.1 keV (n,n') Level  
Legendre Coefficients

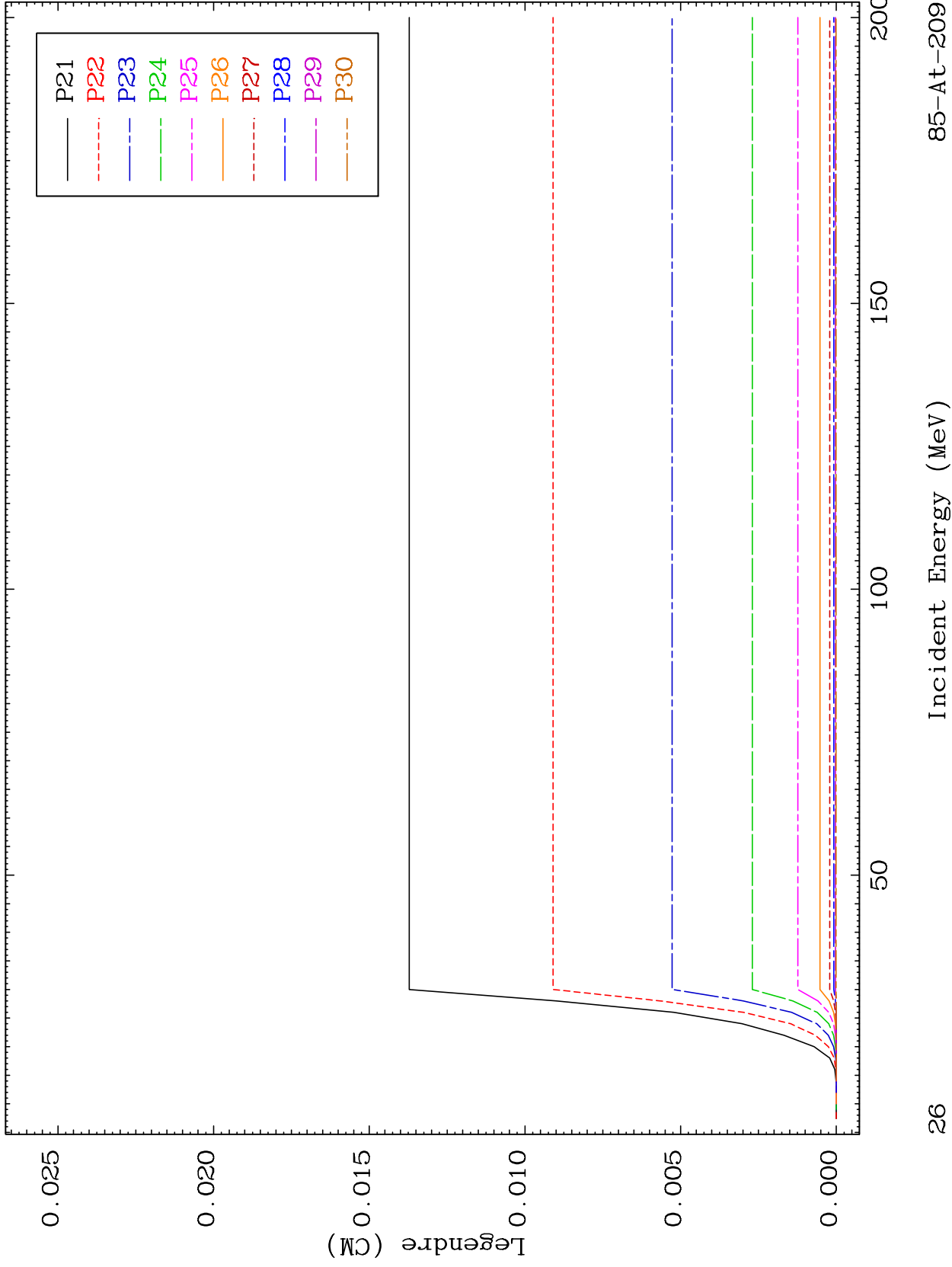
85-At-209



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Incident Energy (MeV)

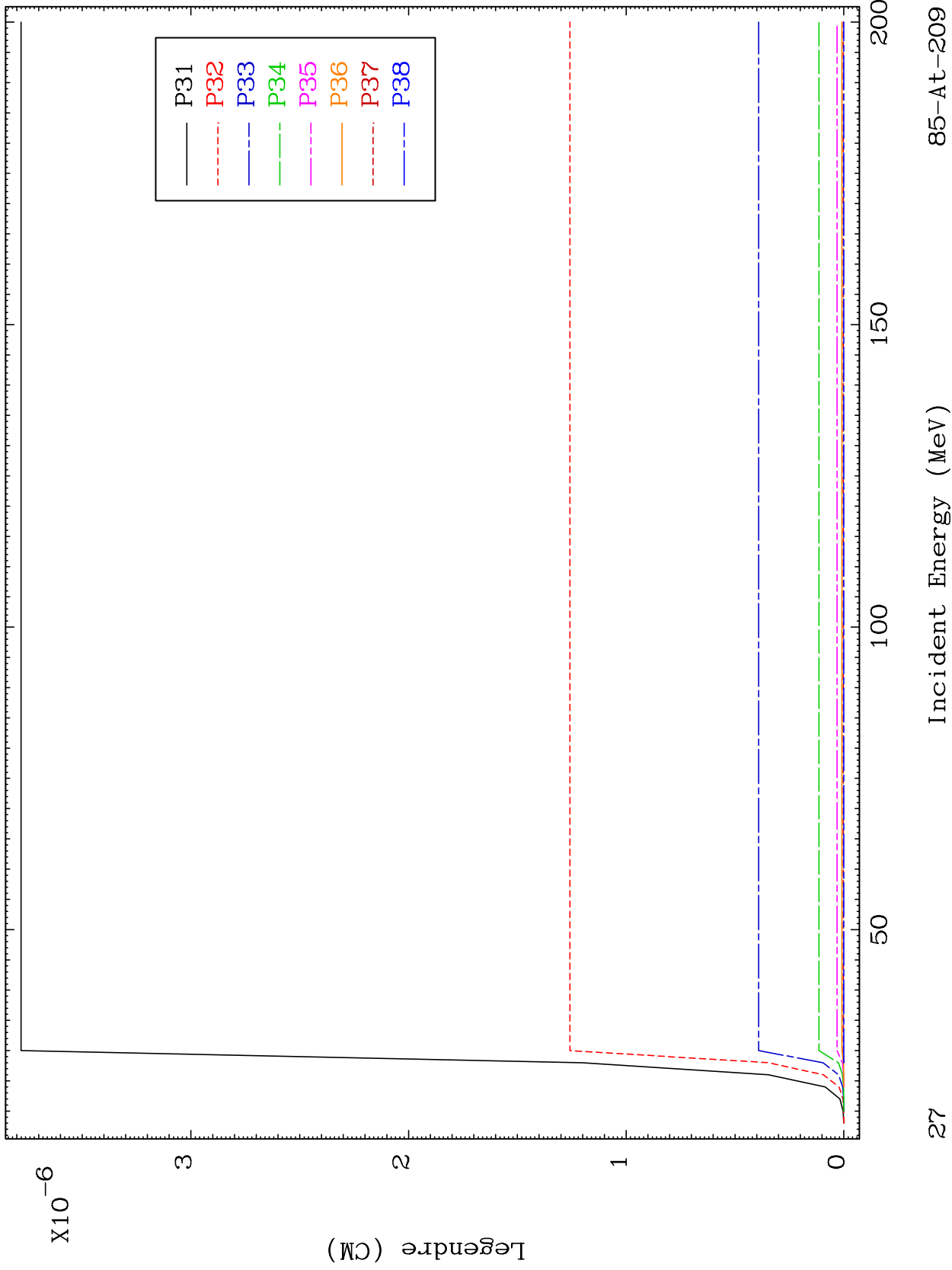
85-At-209



MAT 8543

577.1 keV (n,n') Level  
Legendre Coefficients

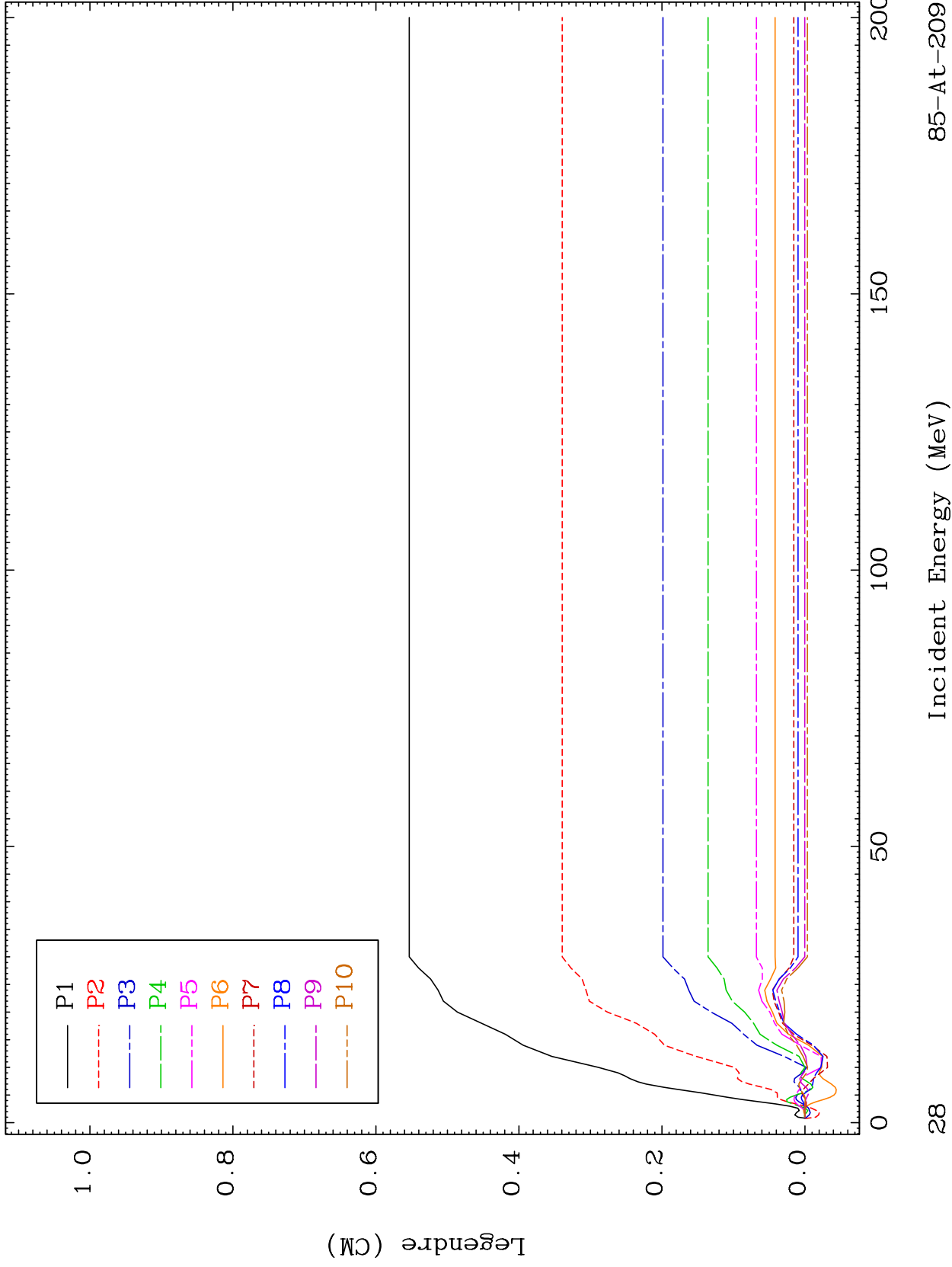
85-At-209



MAT 8543

725.1 keV (n,n') Level  
Legendre Coefficients

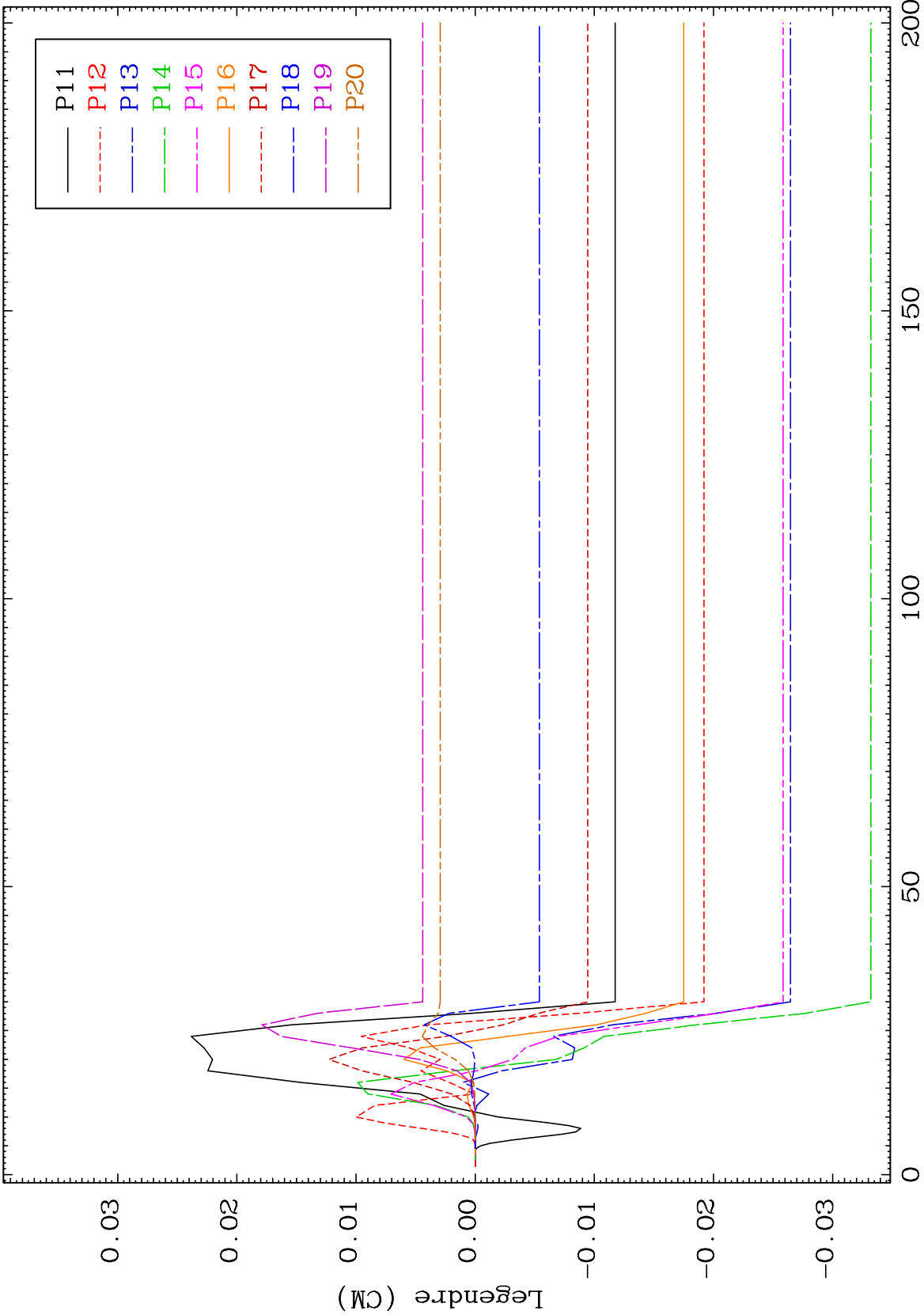
85-At-209



85-At-209

Incident Energy (MeV)

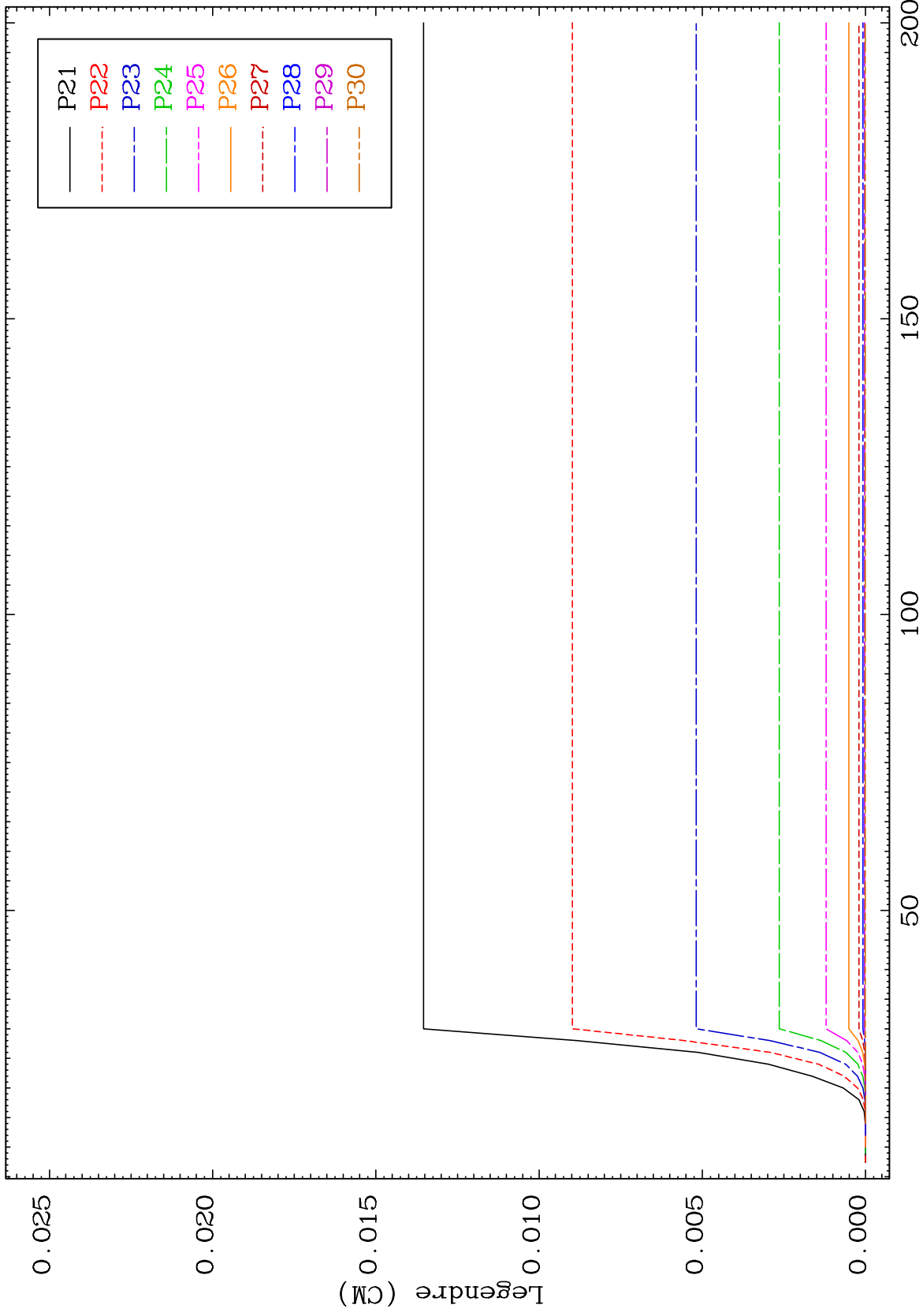
28



MAT 8543

725.1 keV (n,n') Level  
Legendre Coefficients

85-At-209



30

Incident Energy (MeV)

50

100

150

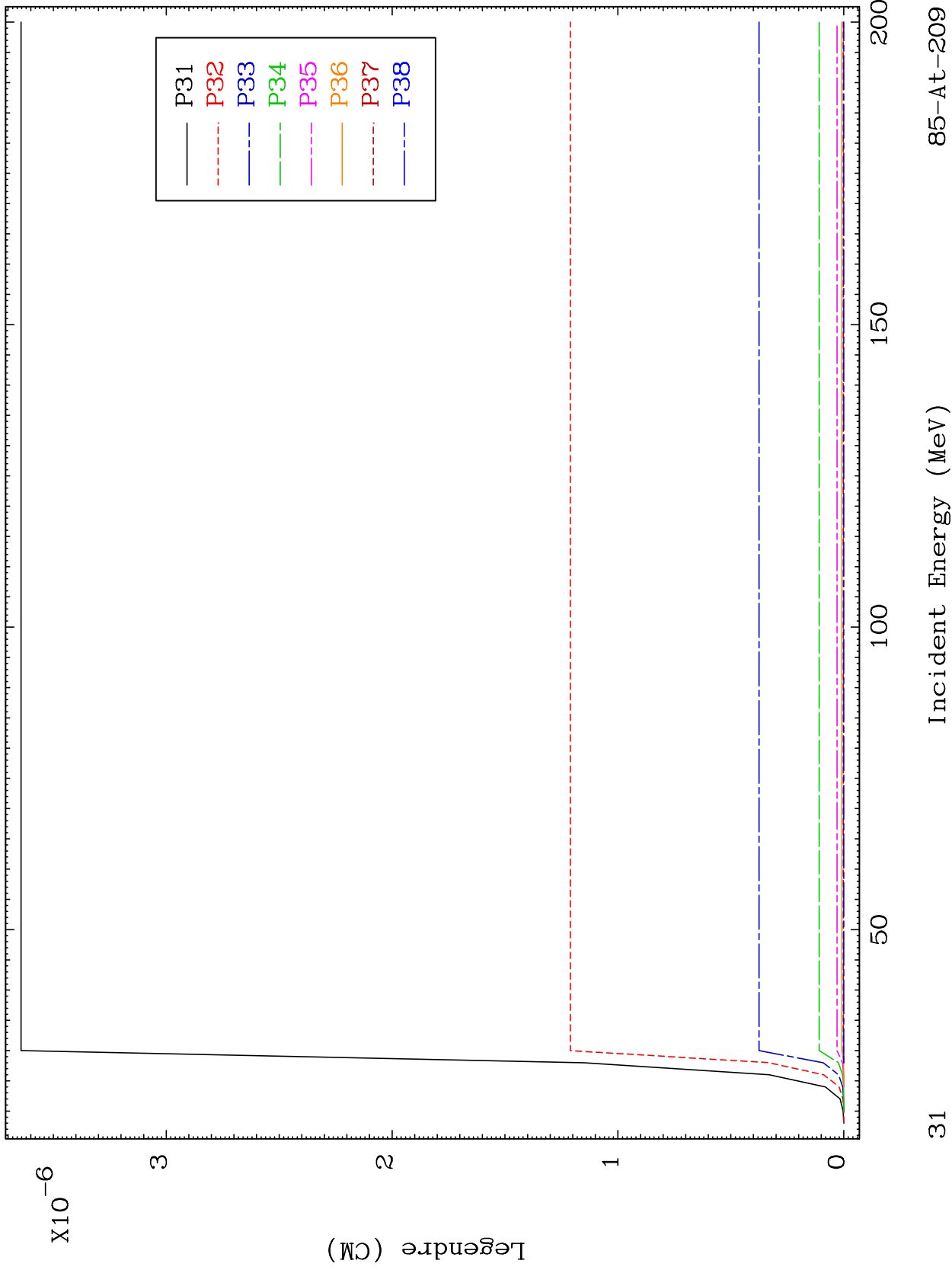
200

85-At-209

MAT 8543

725.1 keV (n,n') Level  
Legendre Coefficients

85-At-209



31

Incident Energy (MeV)

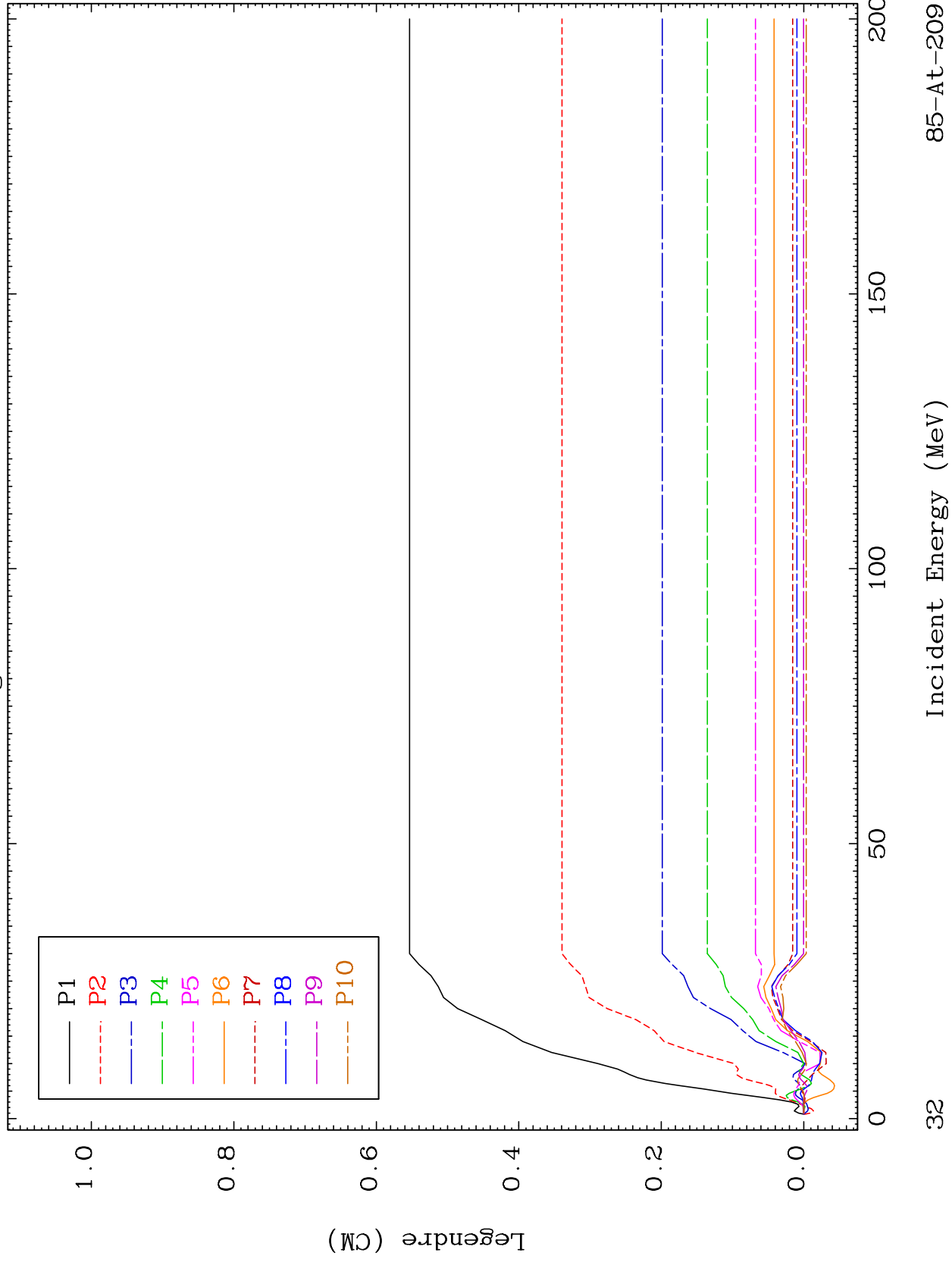
85-At-209



MAT 8543

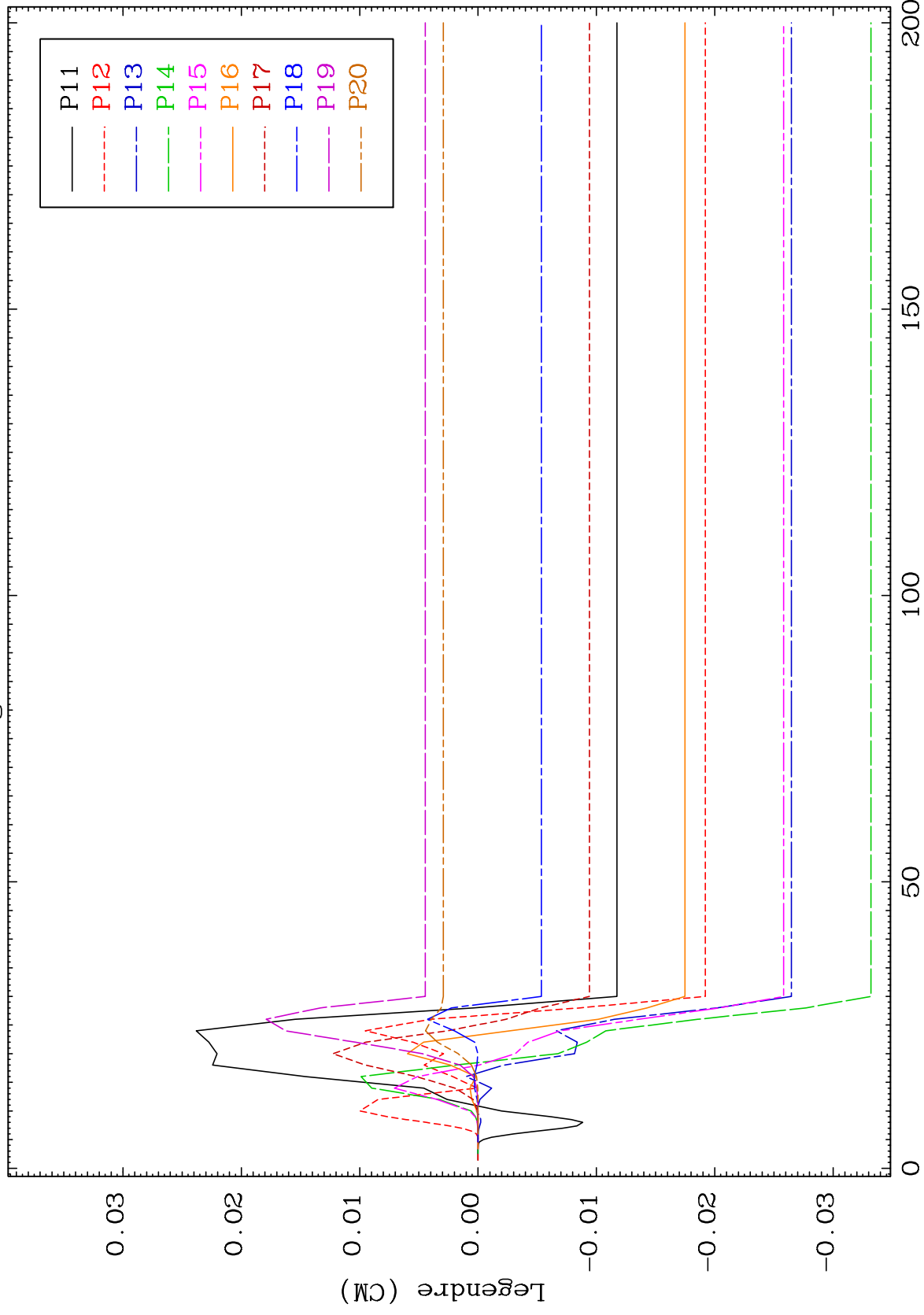
745.8 keV (n,n') Level  
Legendre Coefficients

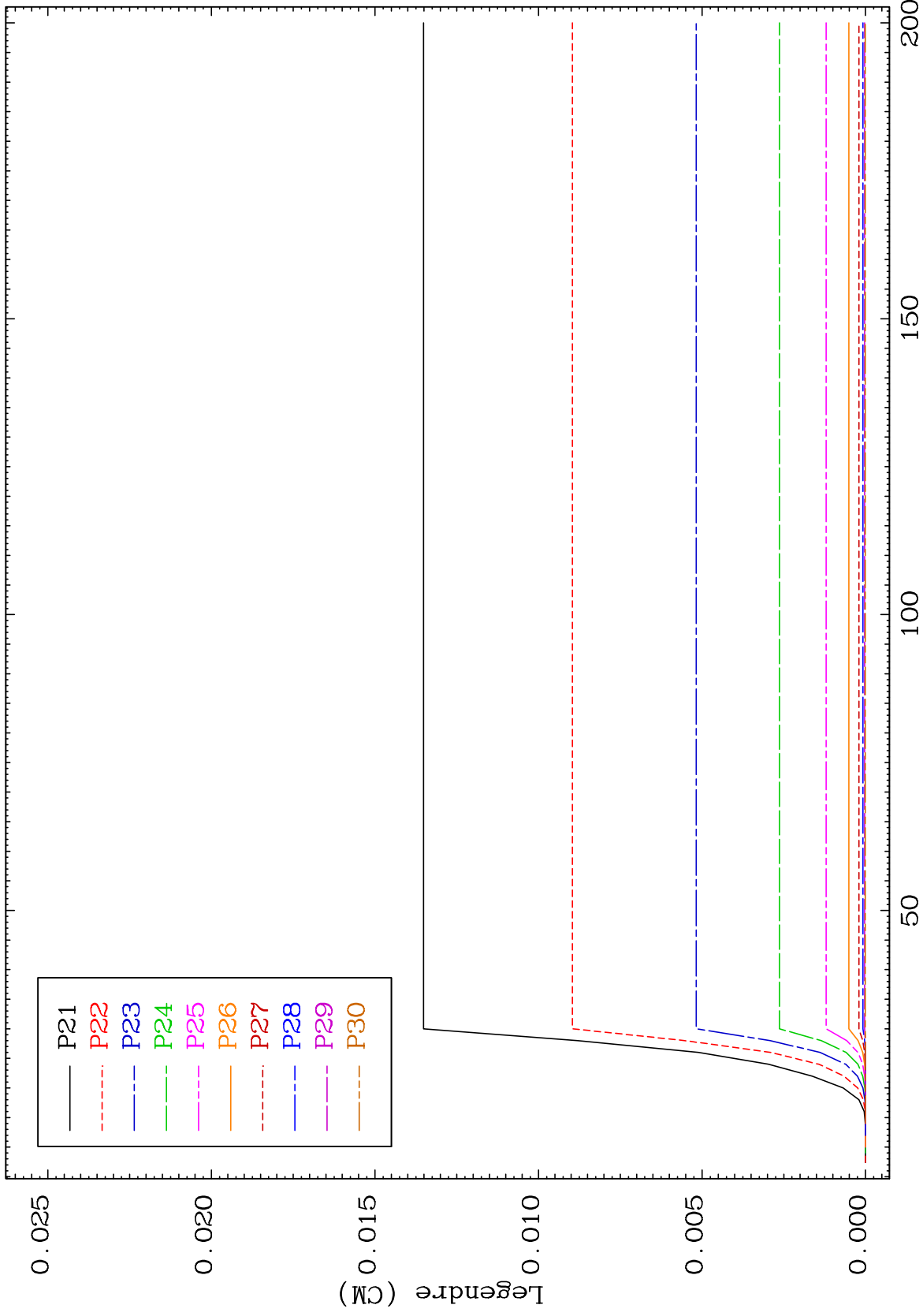
85-At-209



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85-At-209

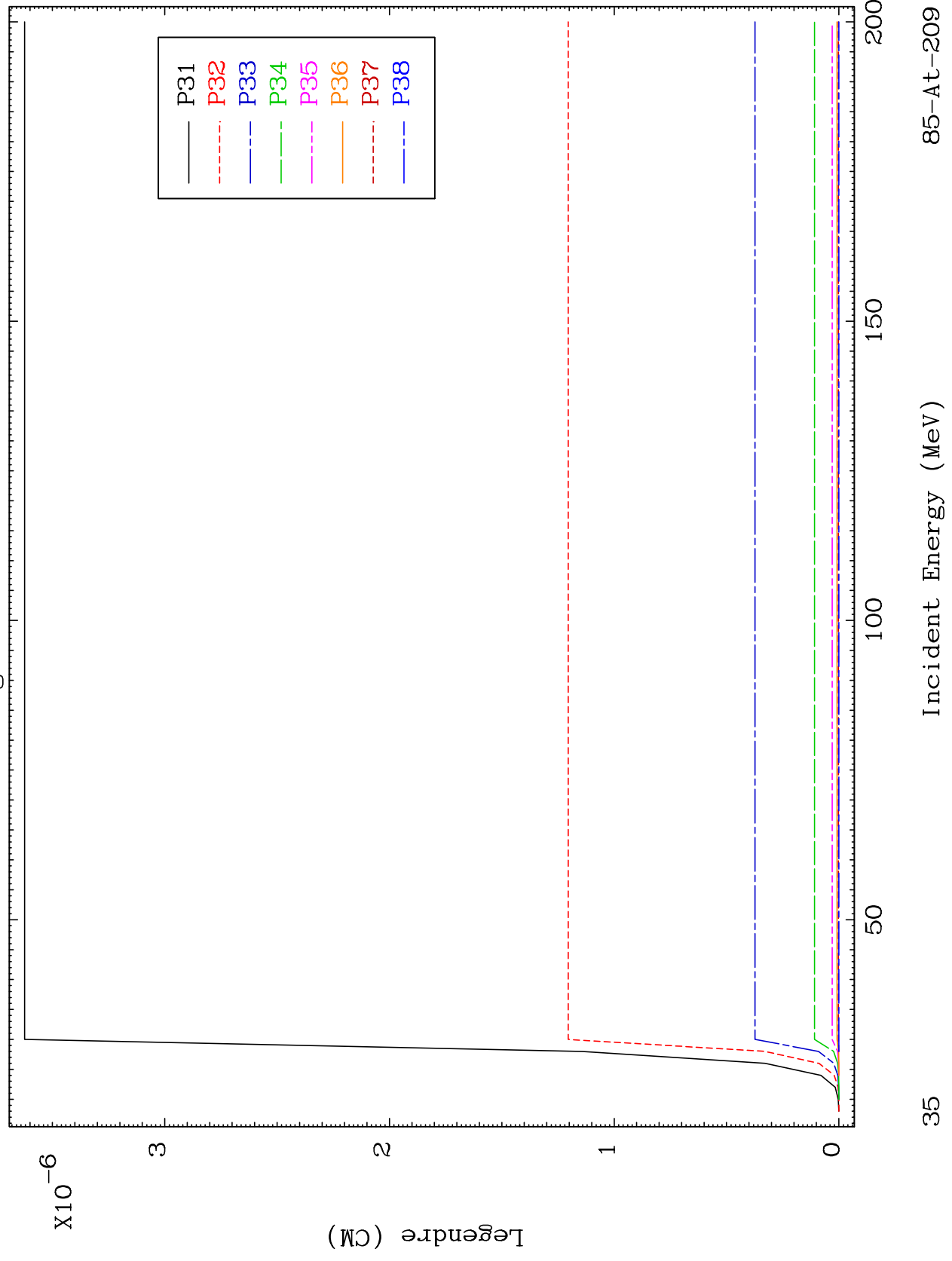


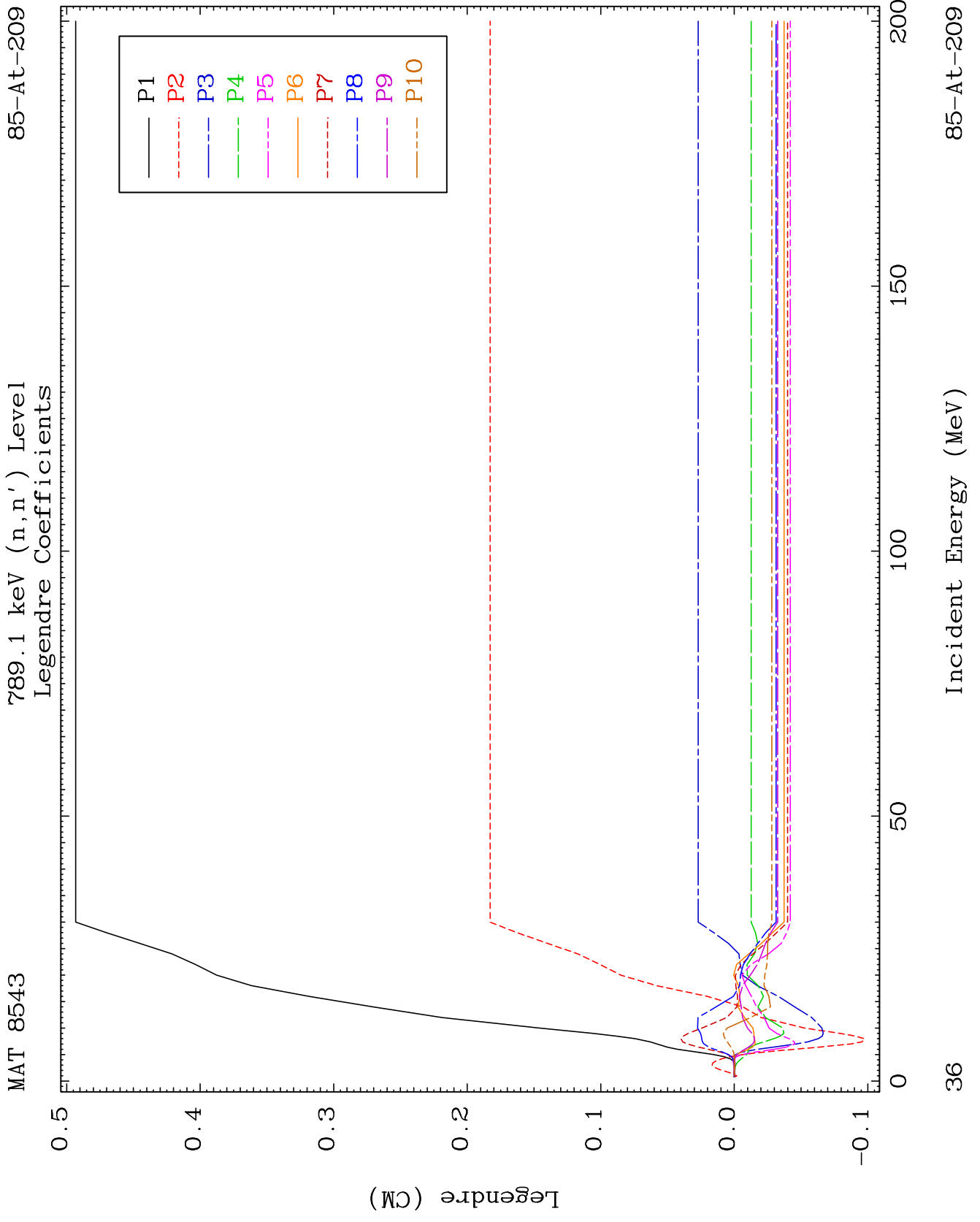


MAT 8543

745.8 keV (n,n') Level  
Legendre Coefficients

85-At-209

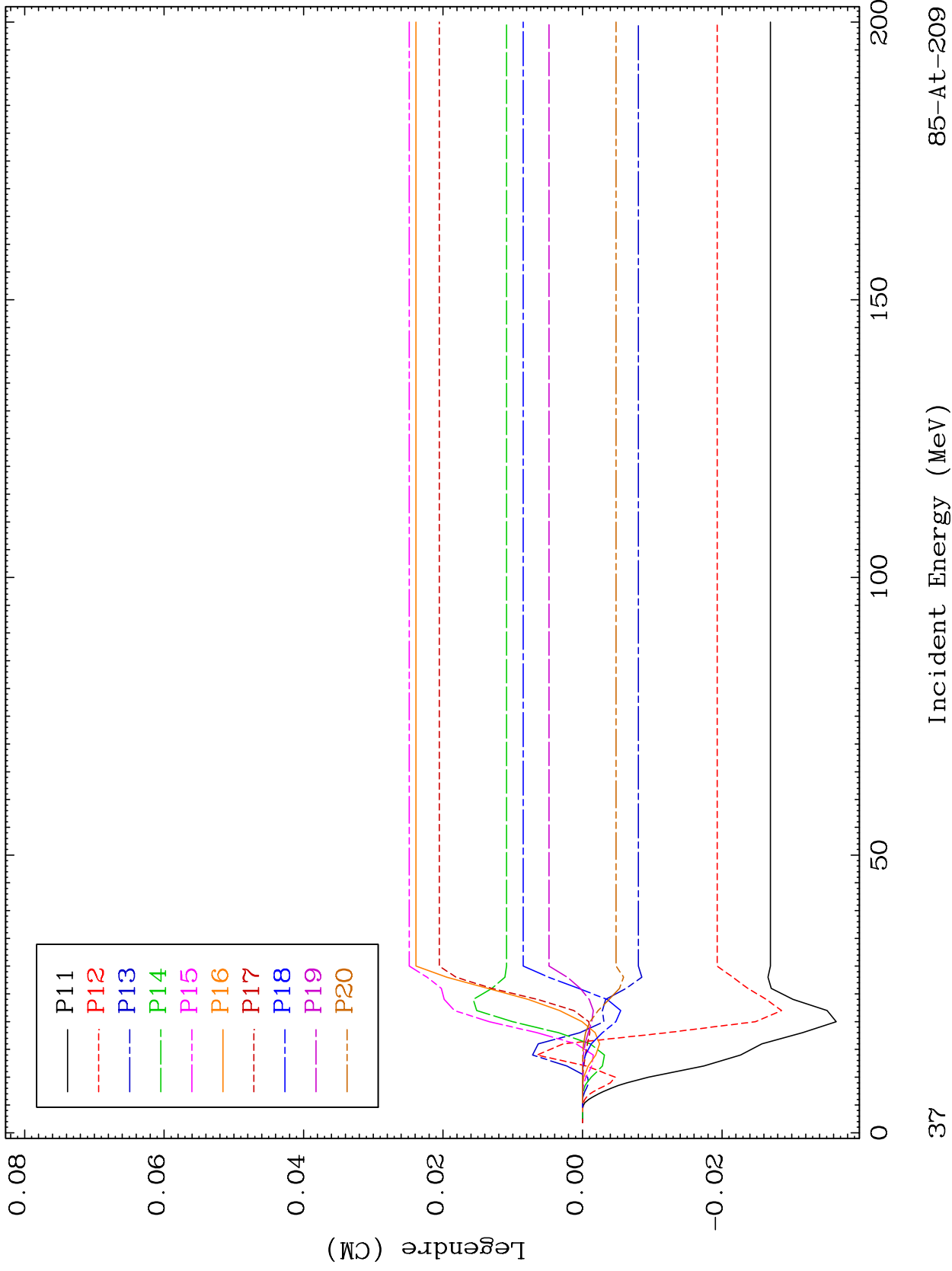




MAT 8543

789.1 keV (n,n') Level  
Legendre Coefficients

85-At-209



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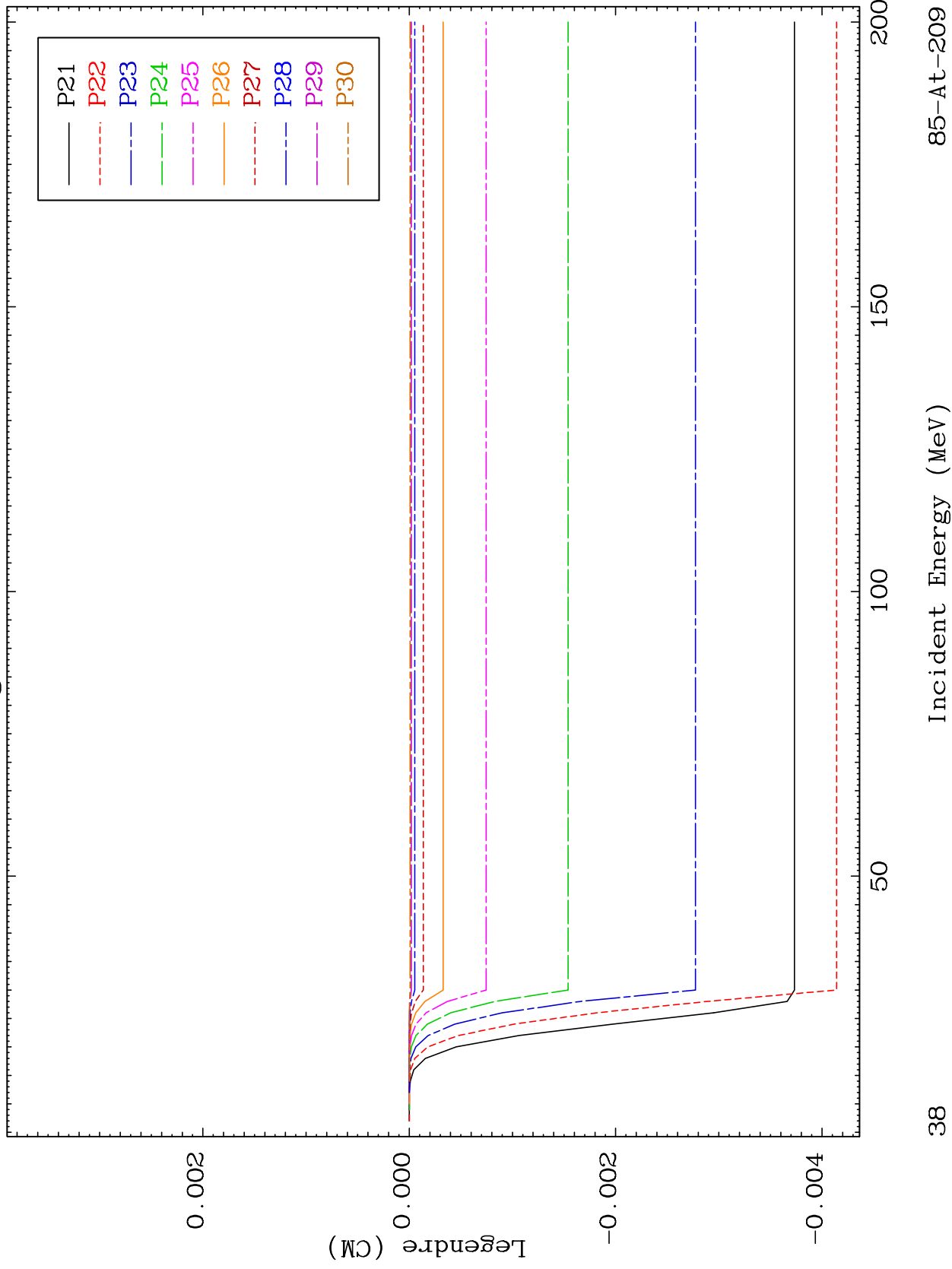
Incident Energy (MeV)

85-At-209

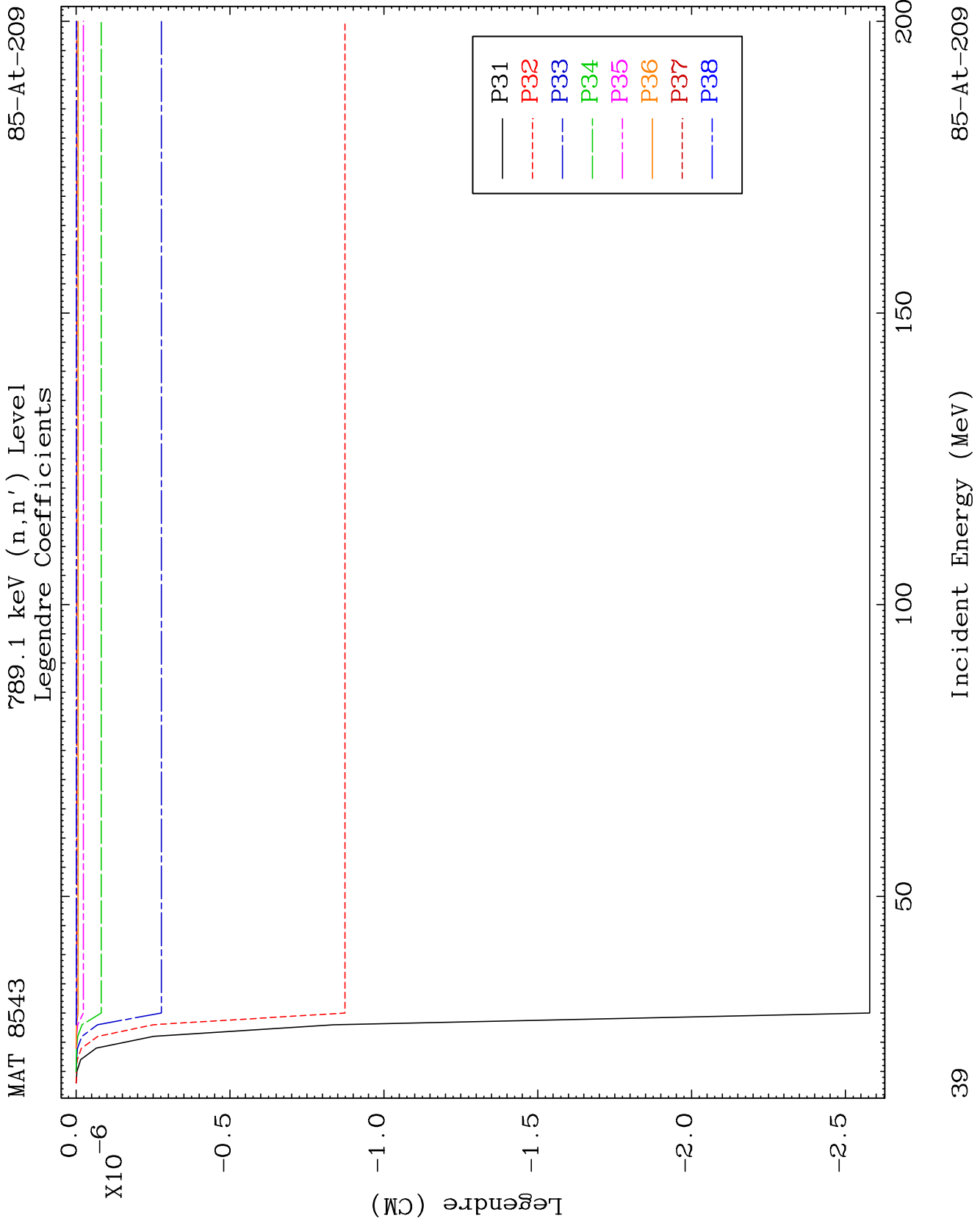
MAT 8543

789.1 keV (n,n') Level  
Legendre Coefficients

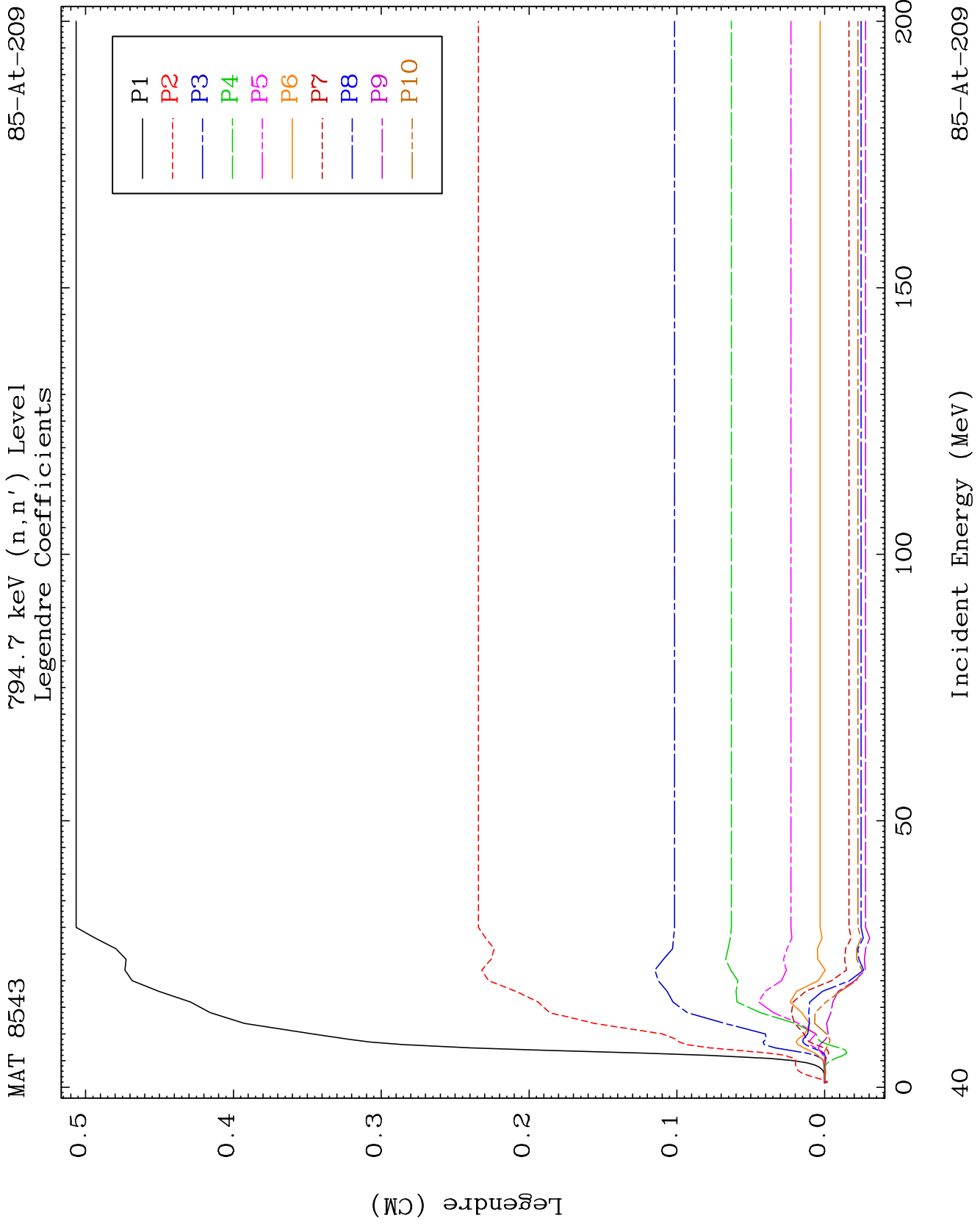
85-At-209



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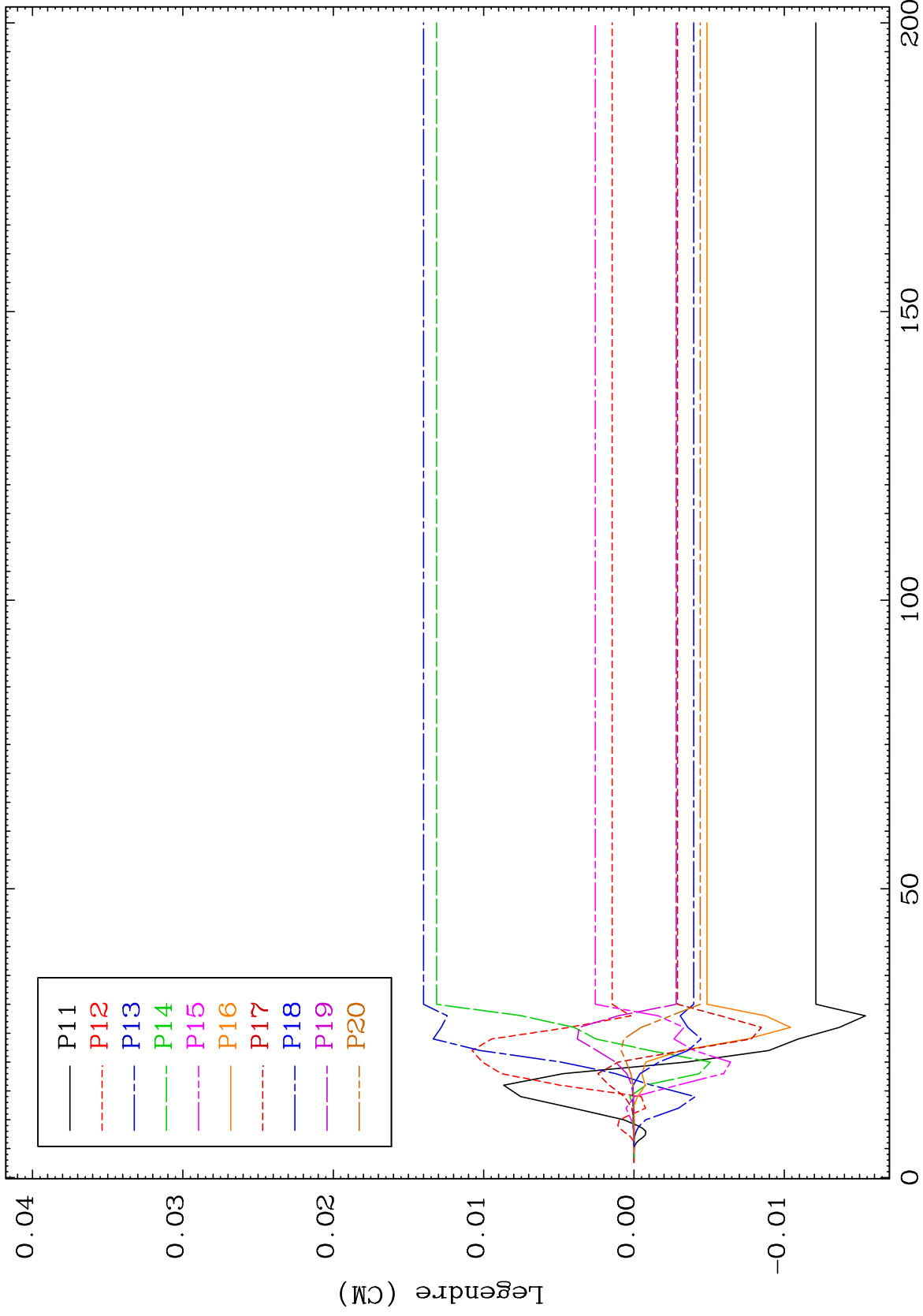




MAT 8543

794.7 keV (n,n') Level  
Legendre Coefficients

85-At-209

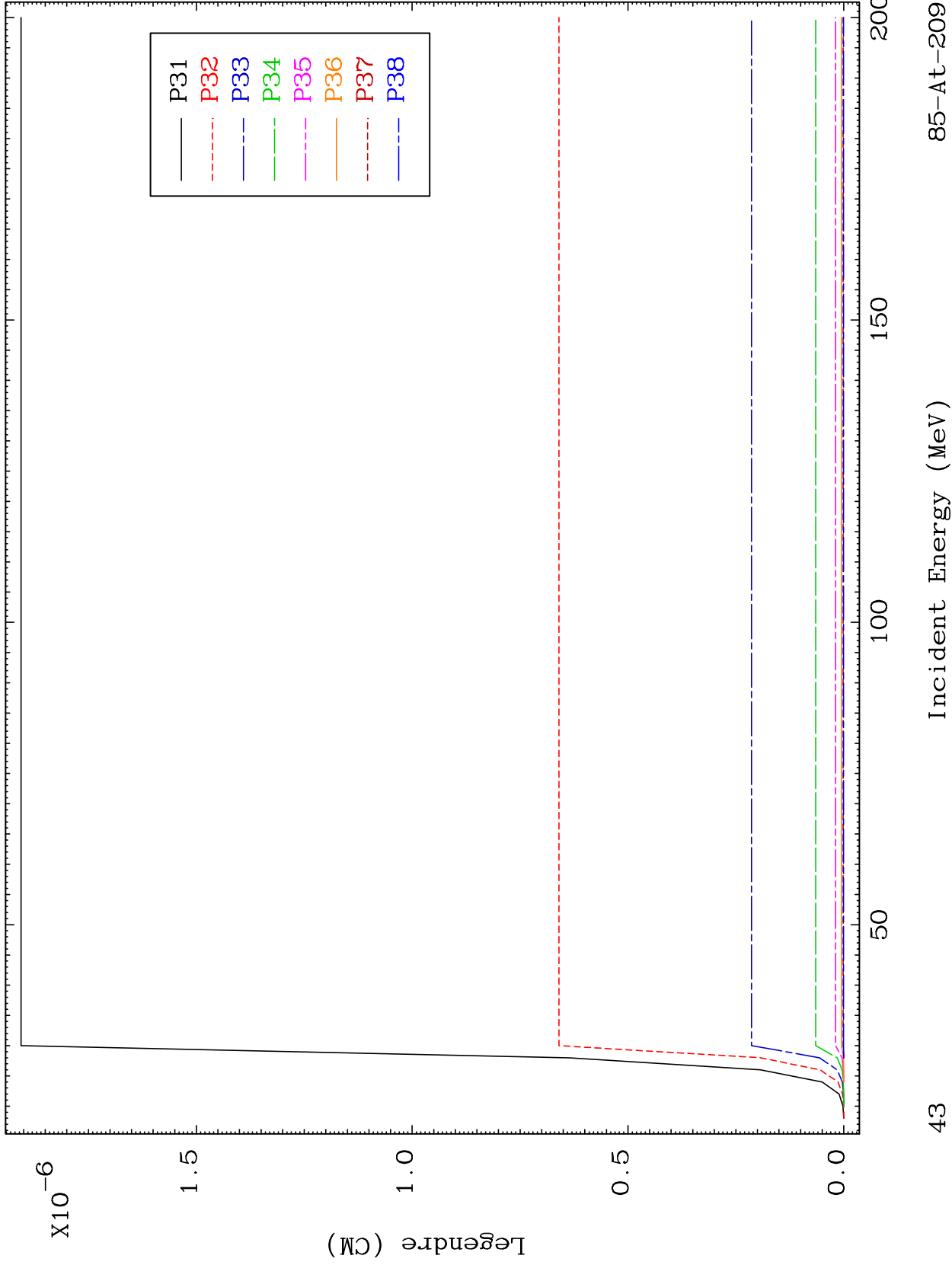




MAT 8543

794.7 keV (n,n') Level  
Legendre Coefficients

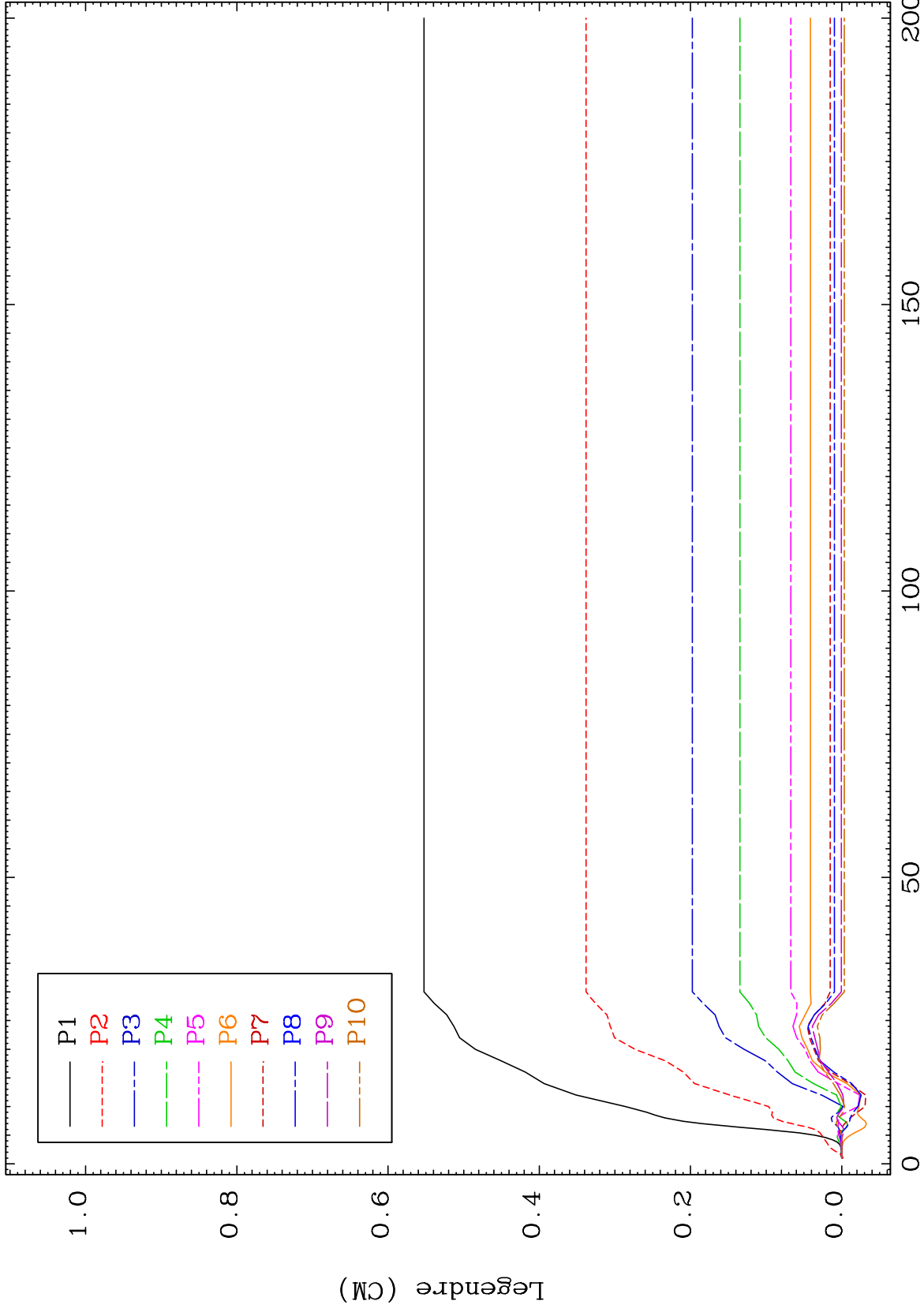
85-At-209

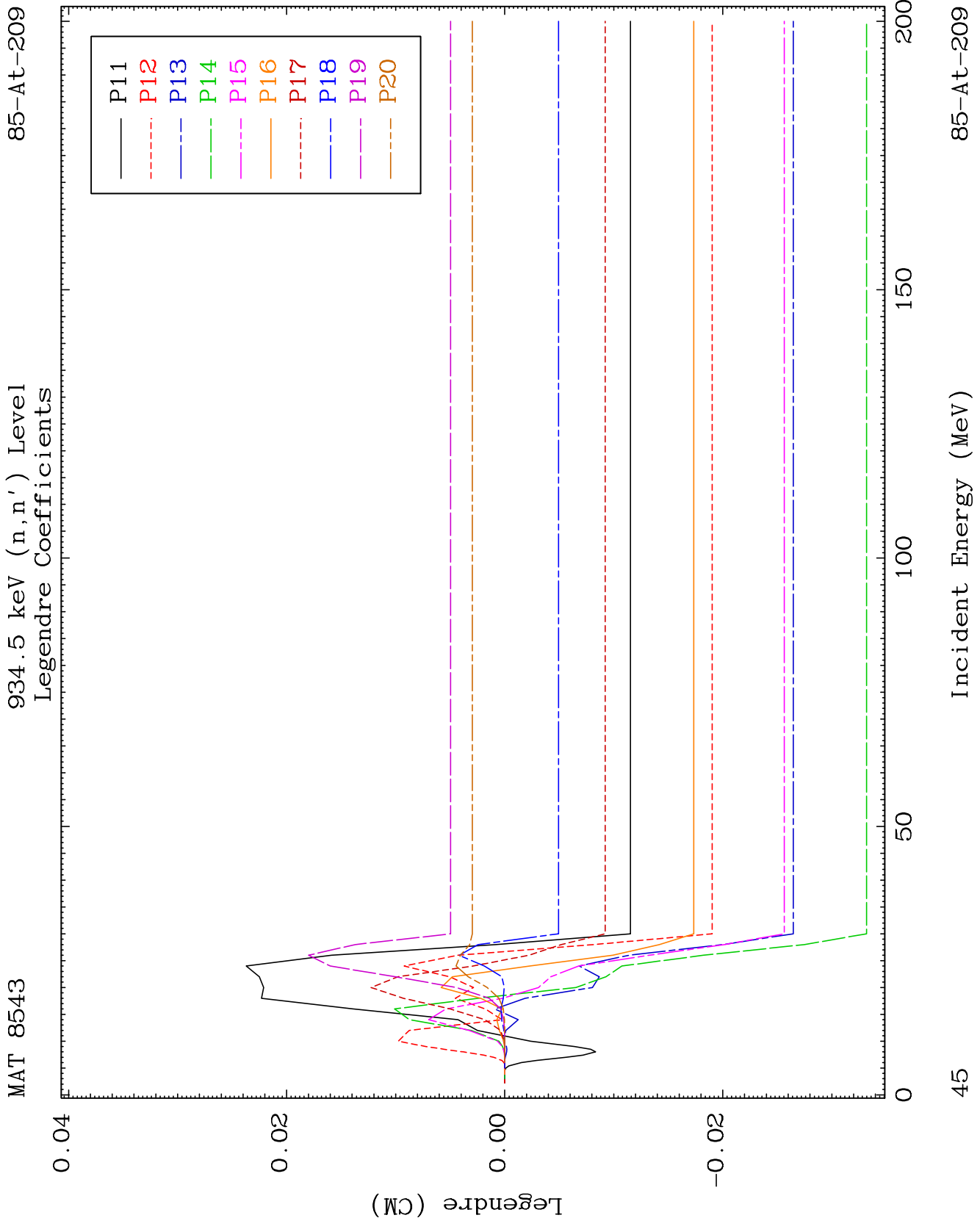


43

Incident Energy (MeV)

85-At-209

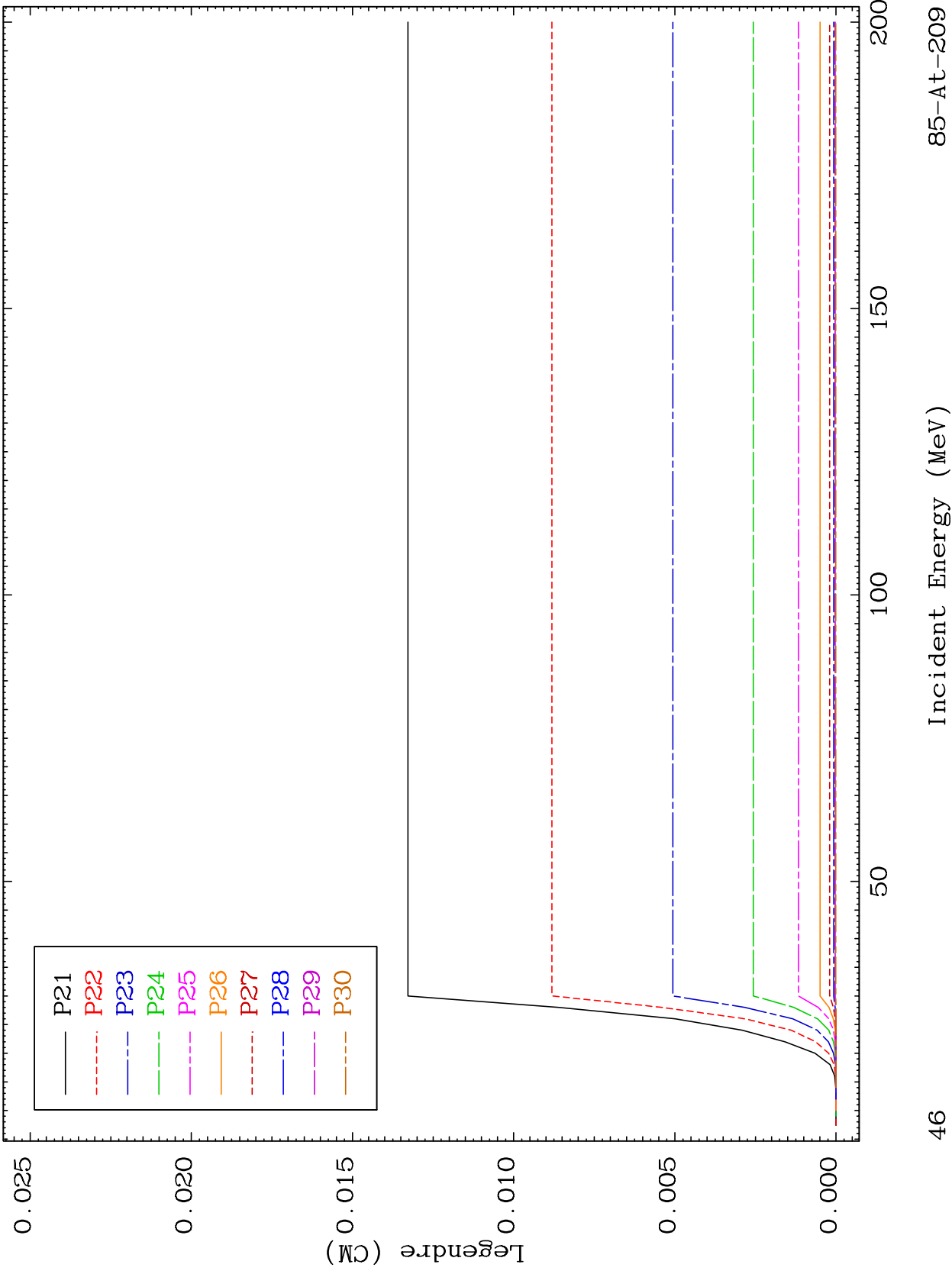




MAT 8543

934.5 keV (n,n') Level  
Legendre Coefficients

85-At-209



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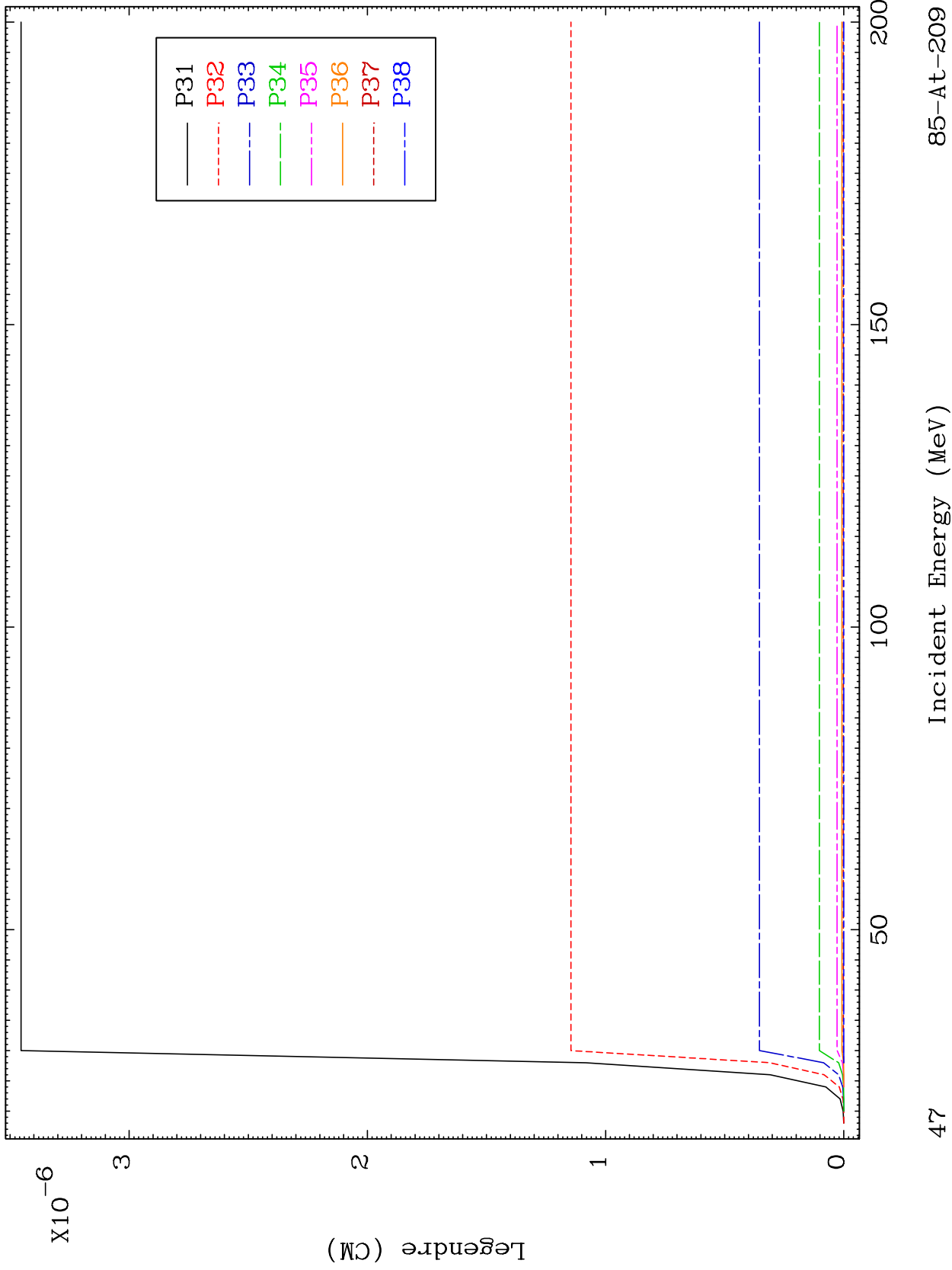
Incident Energy (MeV)

85-At-209

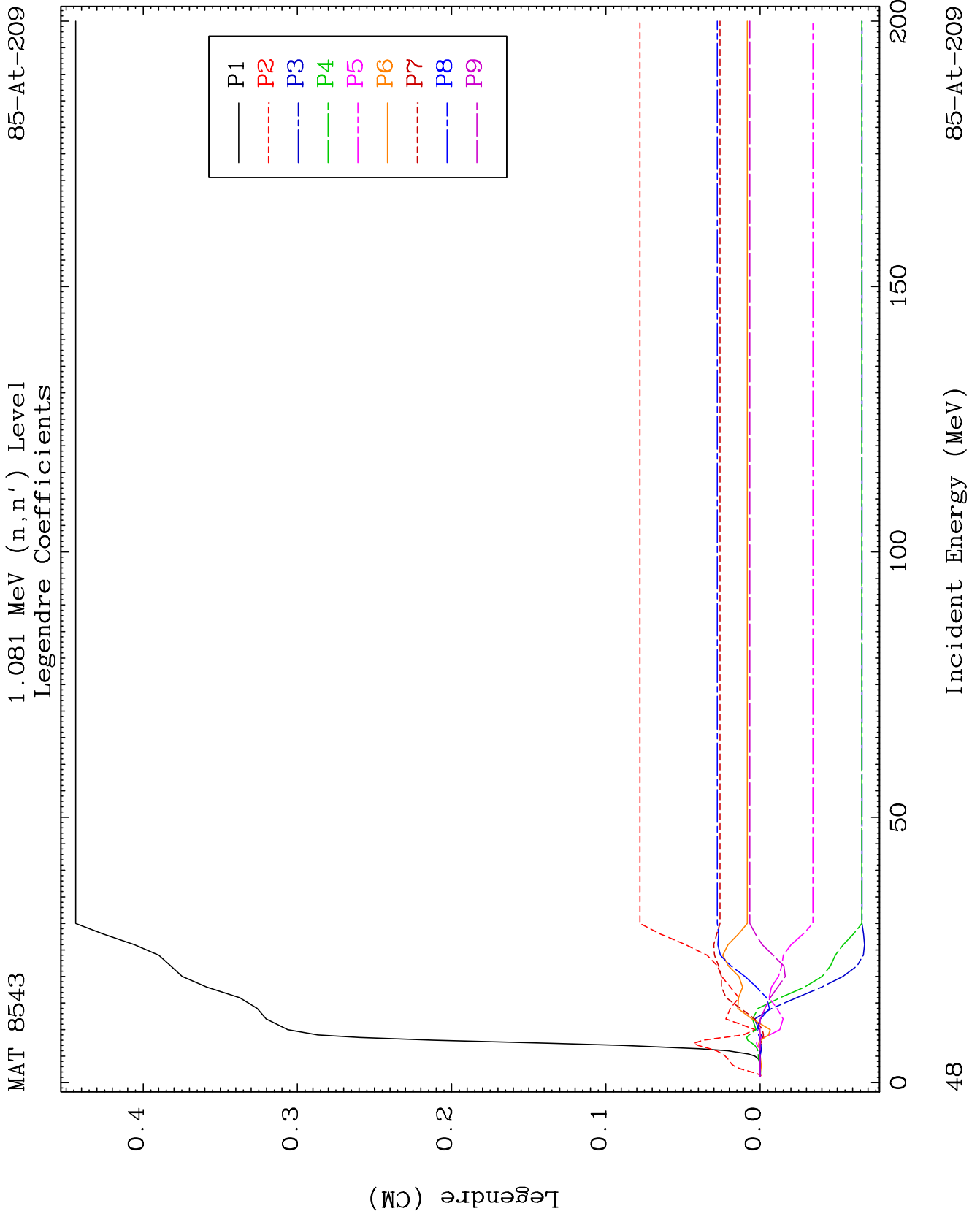
MAT 8543

934.5 keV (n,n') Level  
Legendre Coefficients

85-At-209



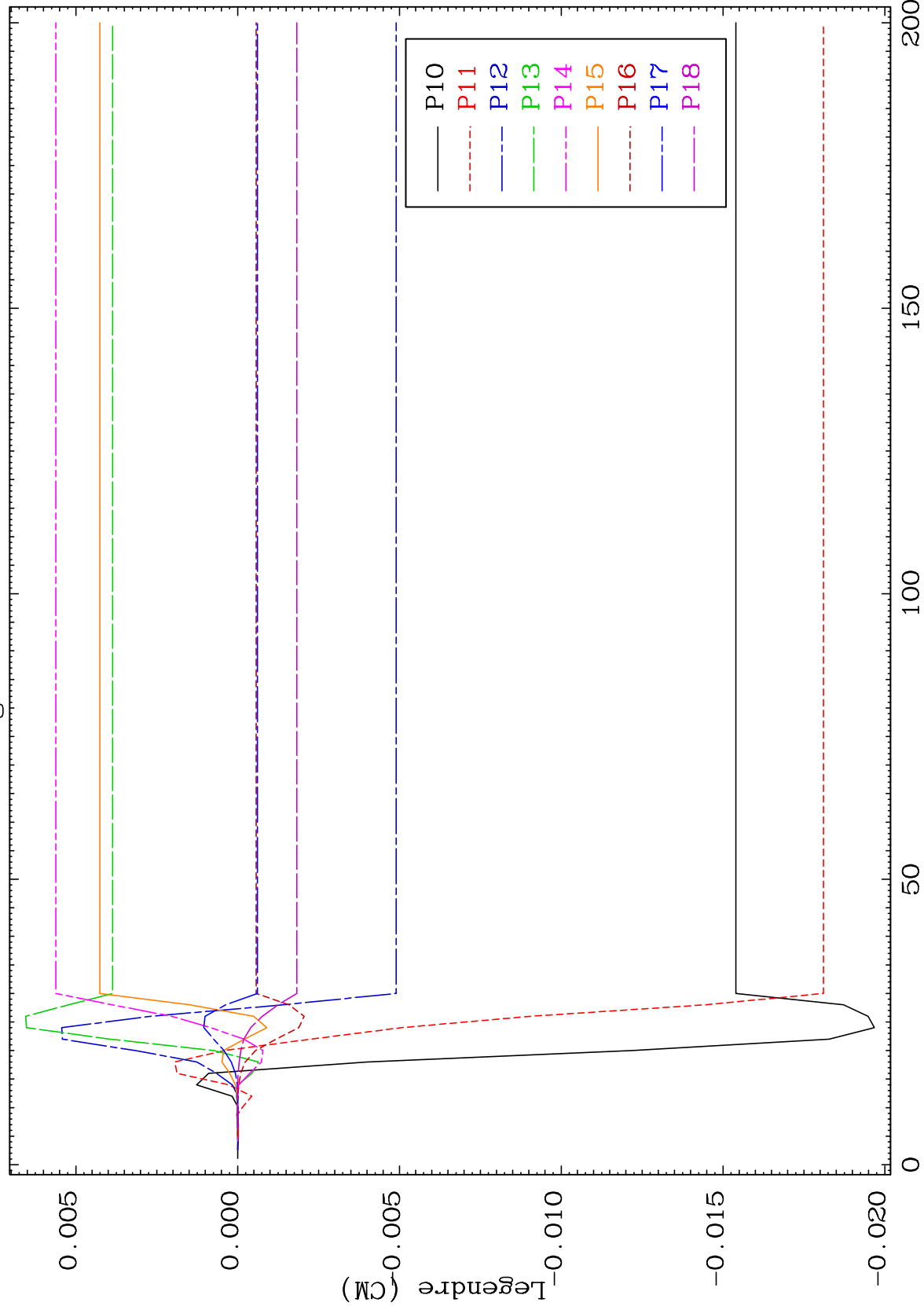




MAT 8543

1.081 MeV (n,n') Level  
Legendre Coefficients

85-At-209



49

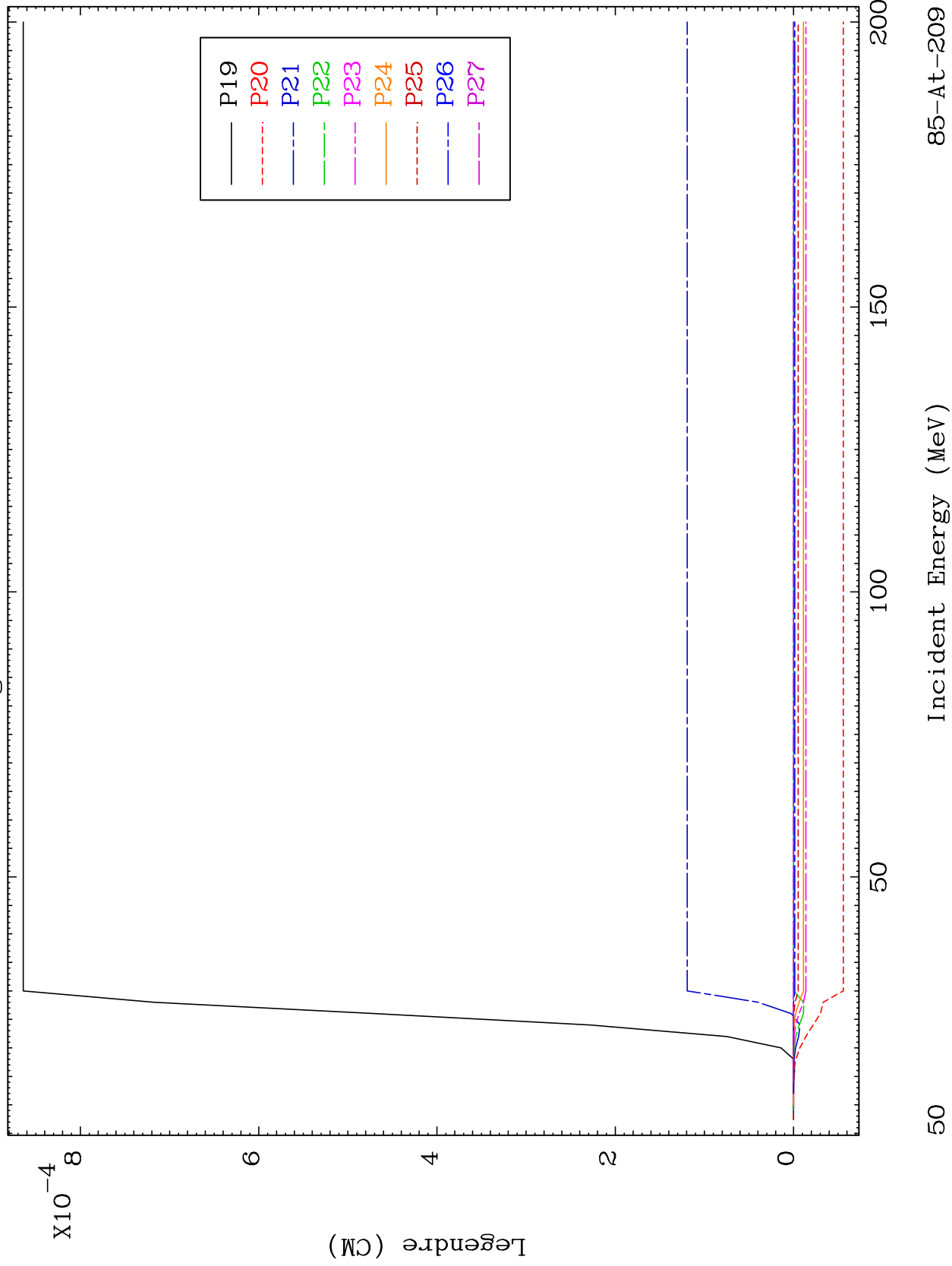
Incident Energy (MeV)

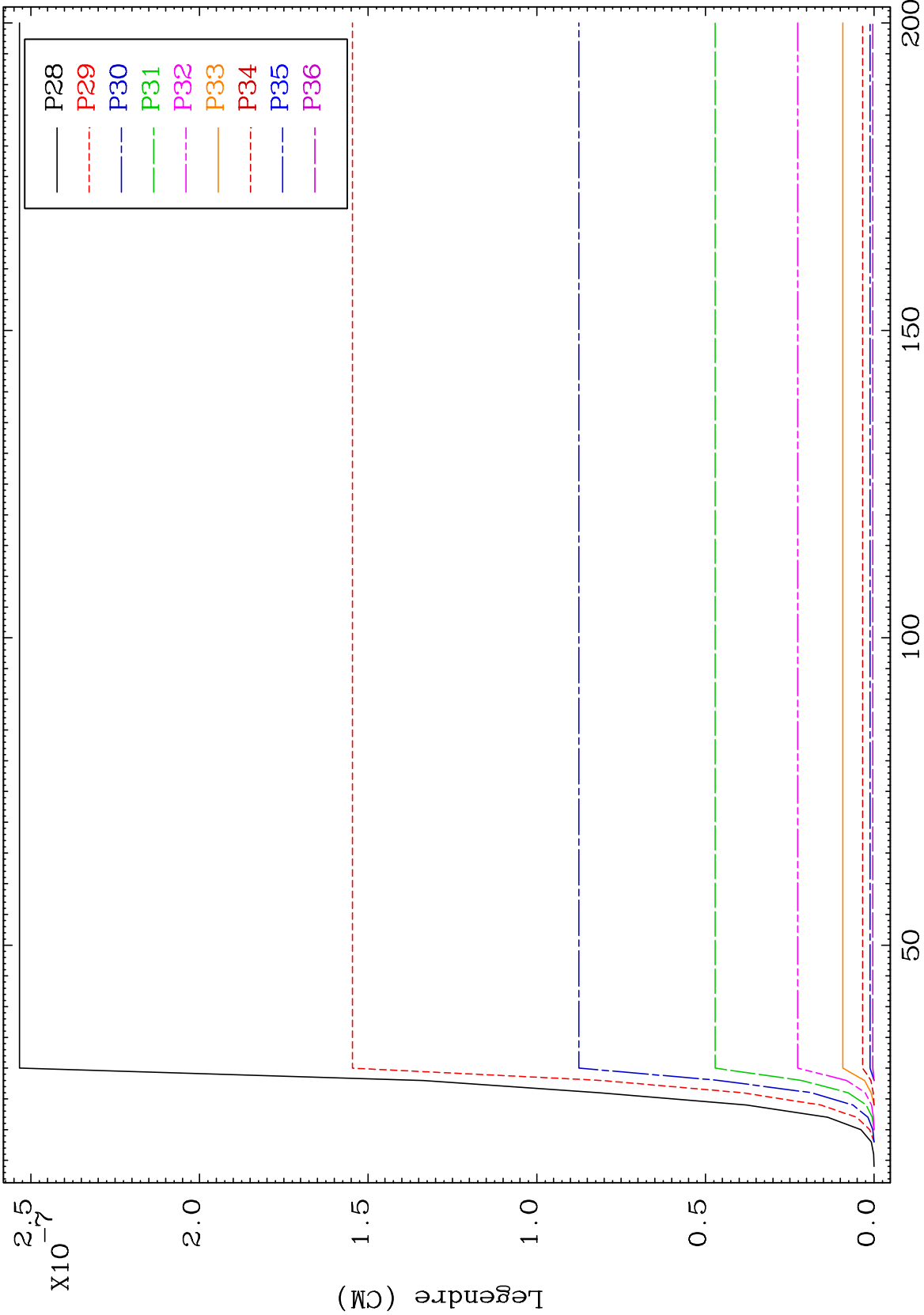
85-At-209

MAT 8543

1.081 MeV (n,n') Level  
Legendre Coefficients

85-At-209

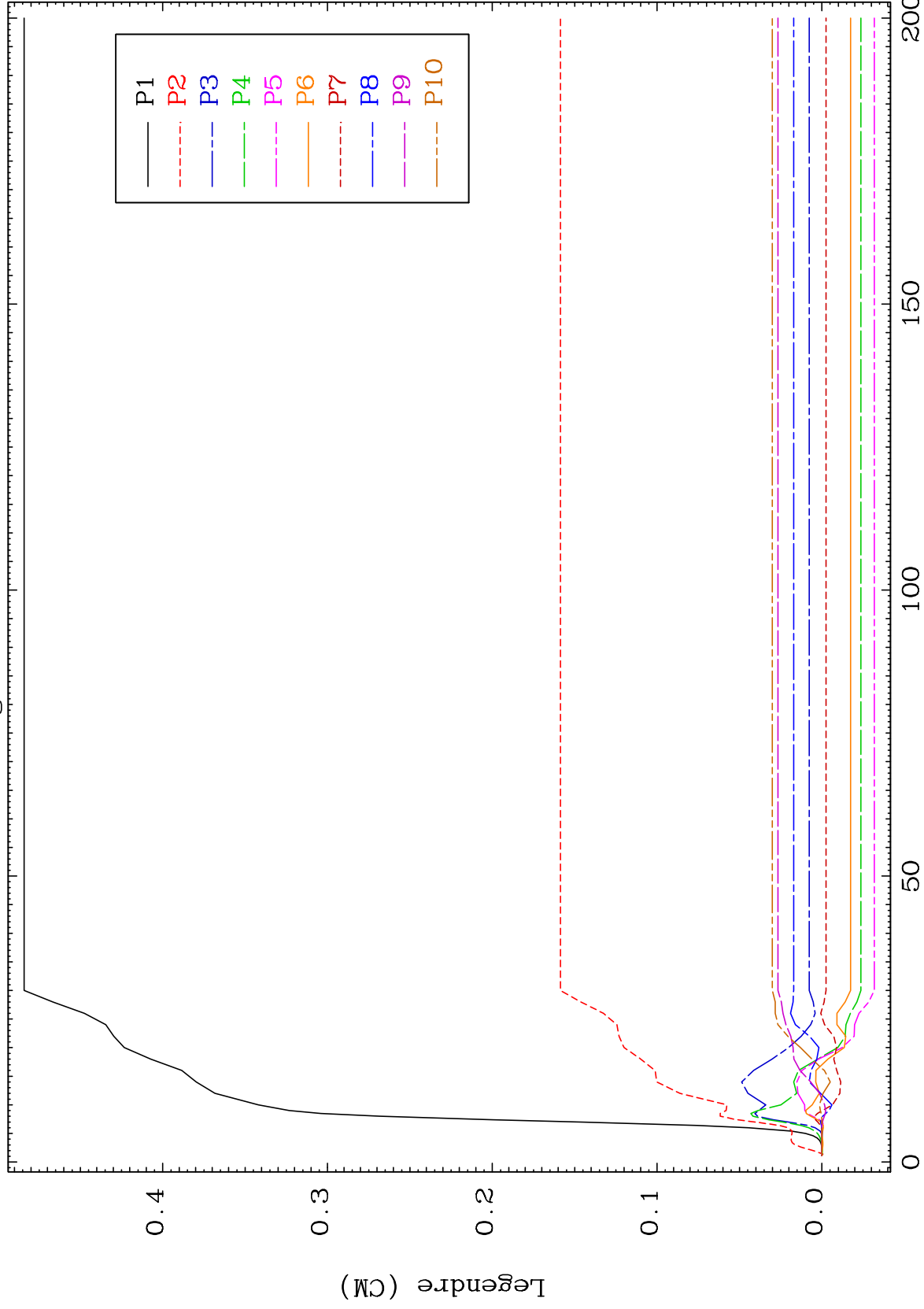




MAT 8543

1.093 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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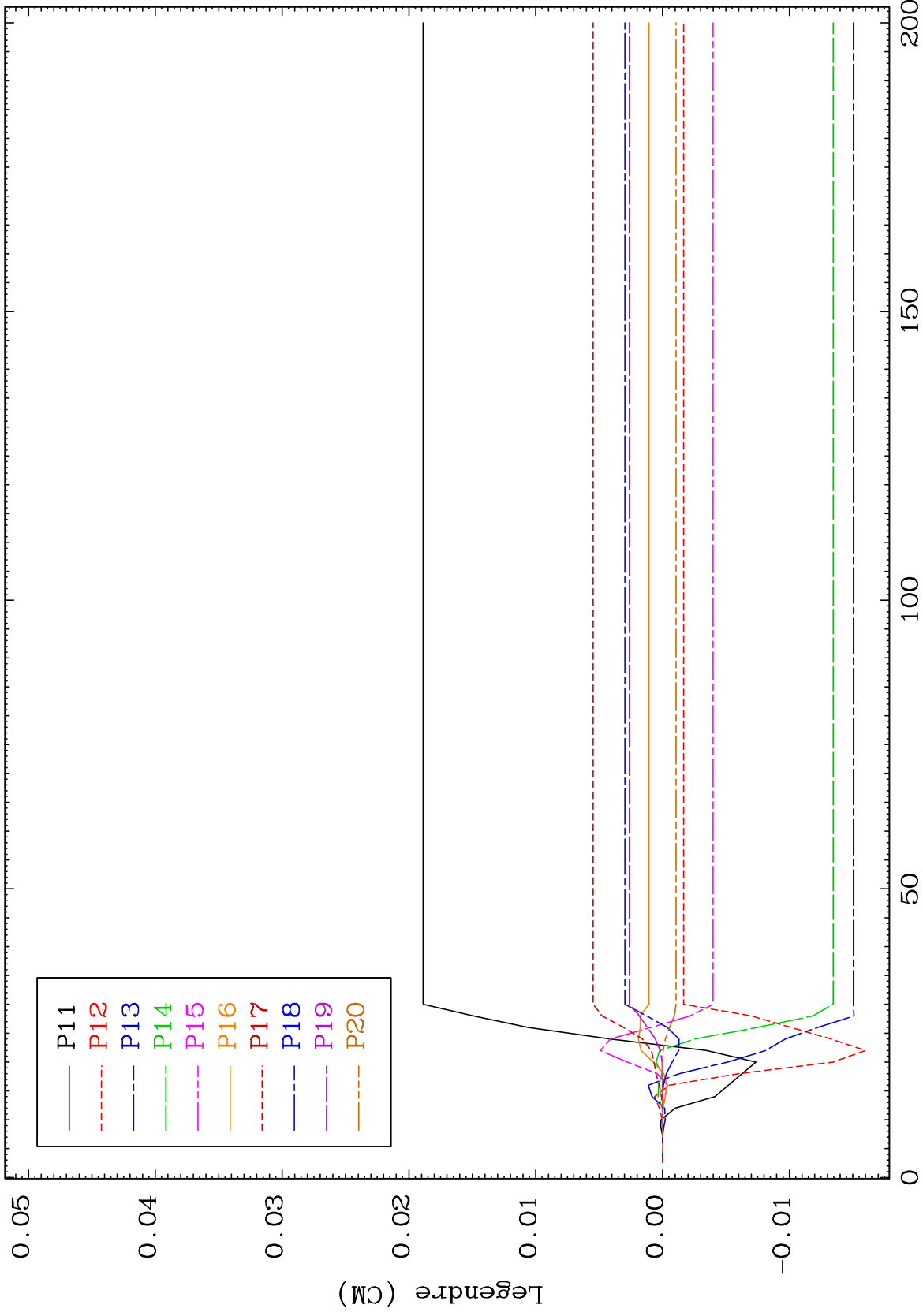
Incident Energy (MeV)

85-At-209

MAT 8543

1.093 MeV (n,n') Level  
Legendre Coefficients

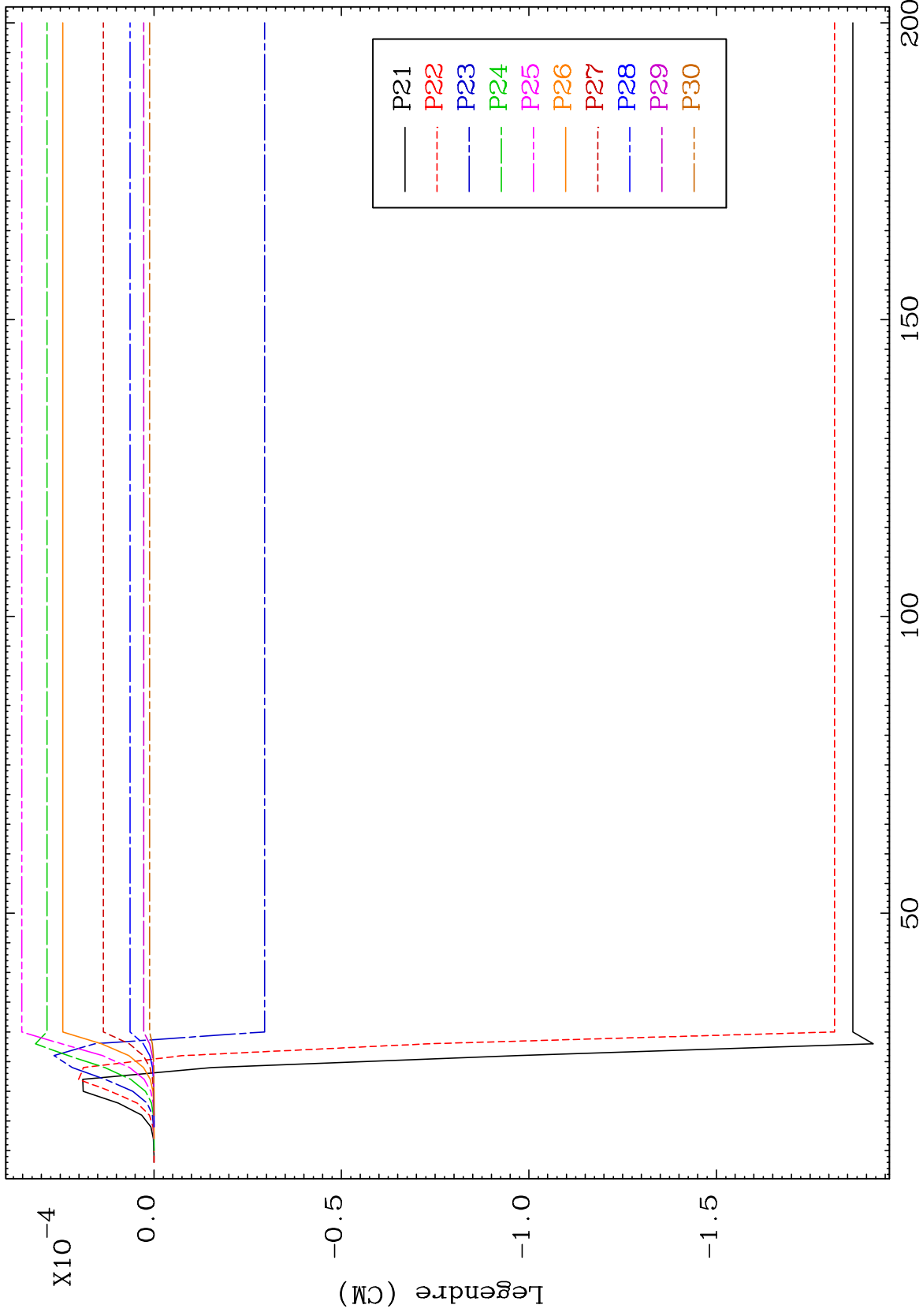
85-At-209



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Incident Energy (MeV)

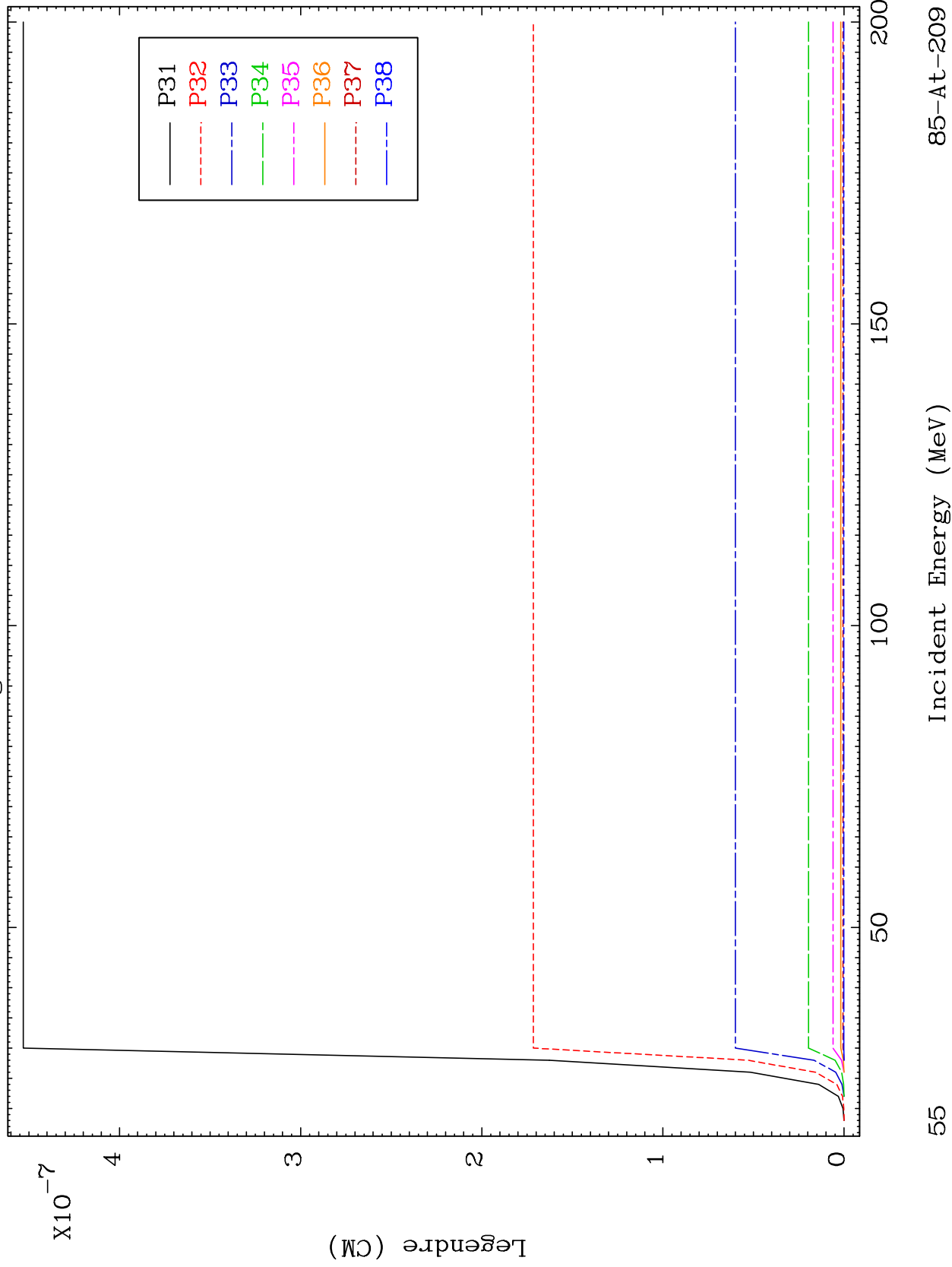
85-At-209



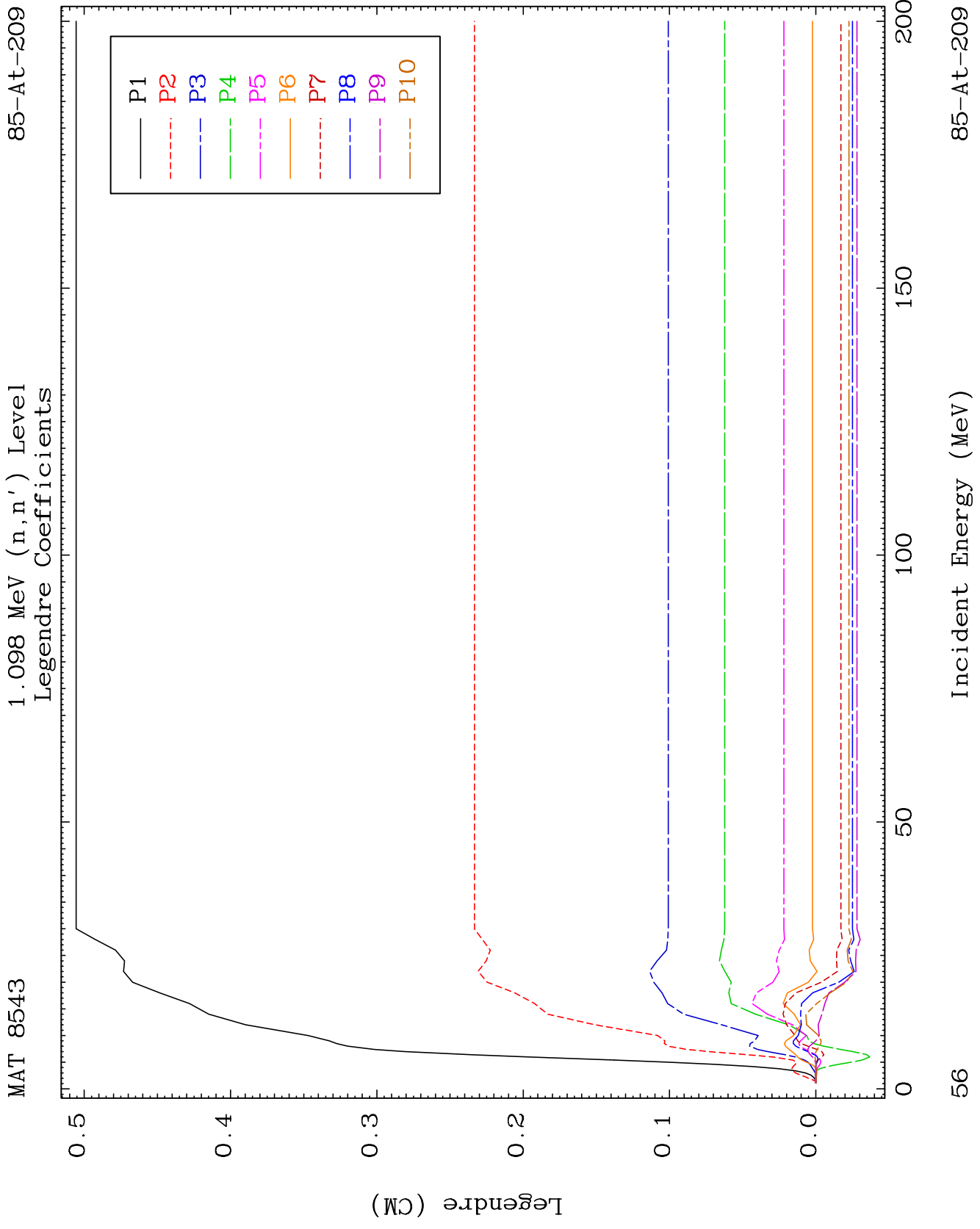
MAT 8543

1.093 MeV (n,n') Level  
Legendre Coefficients

85-At-209



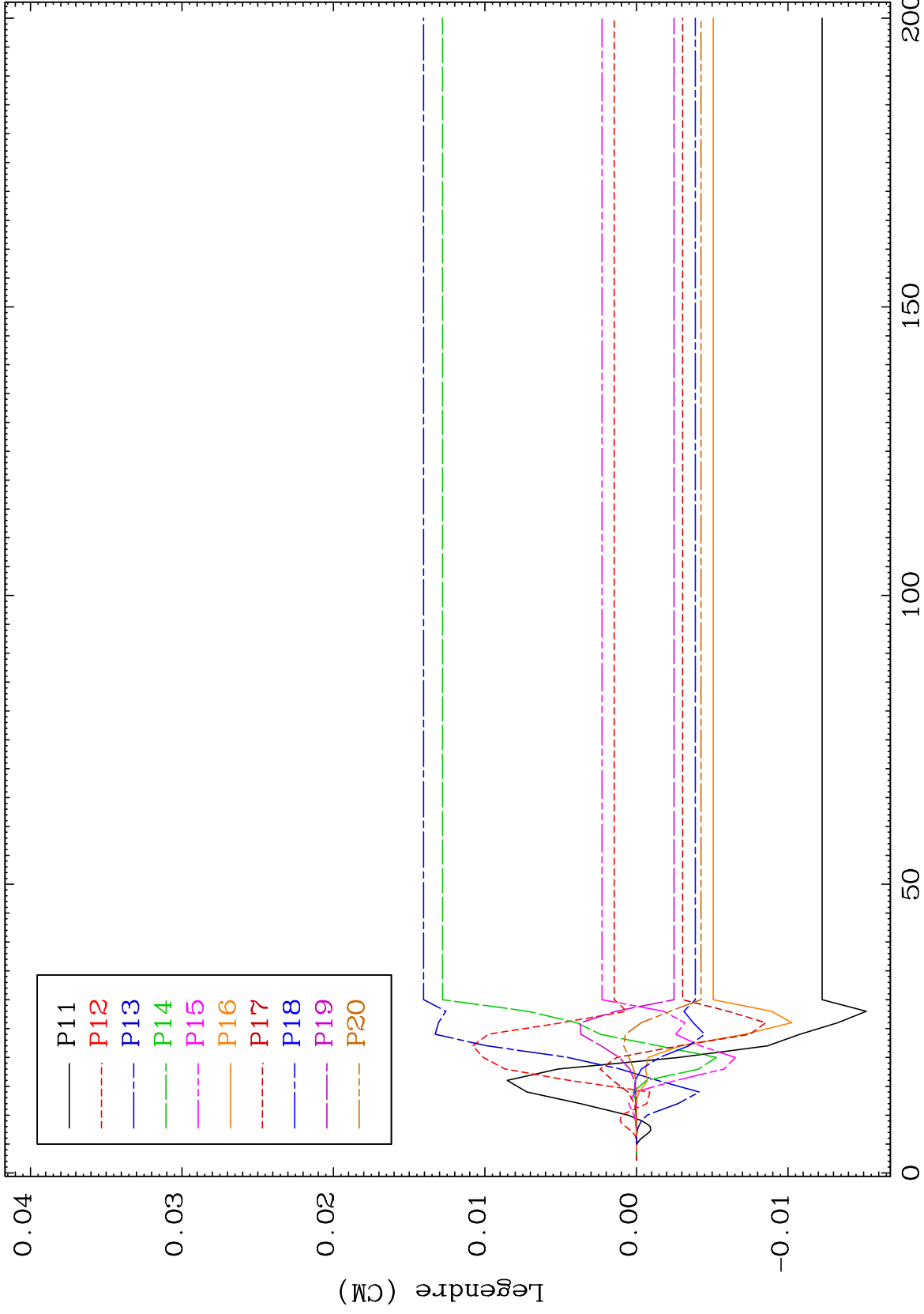




MAT 8543

1.098 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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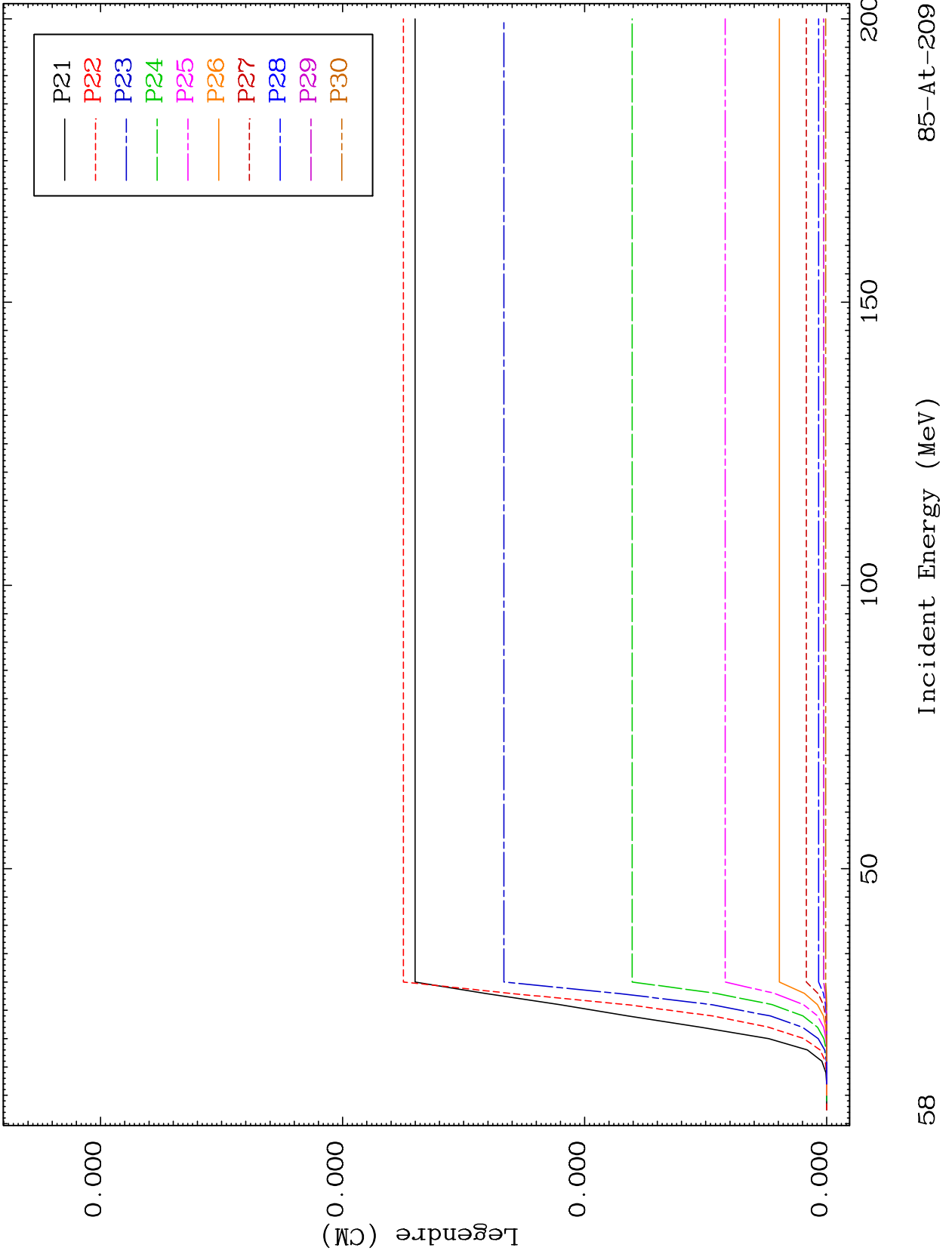
Incident Energy (MeV)

85-At-209

MAT 8543

1.098 MeV (n,n') Level  
Legendre Coefficients

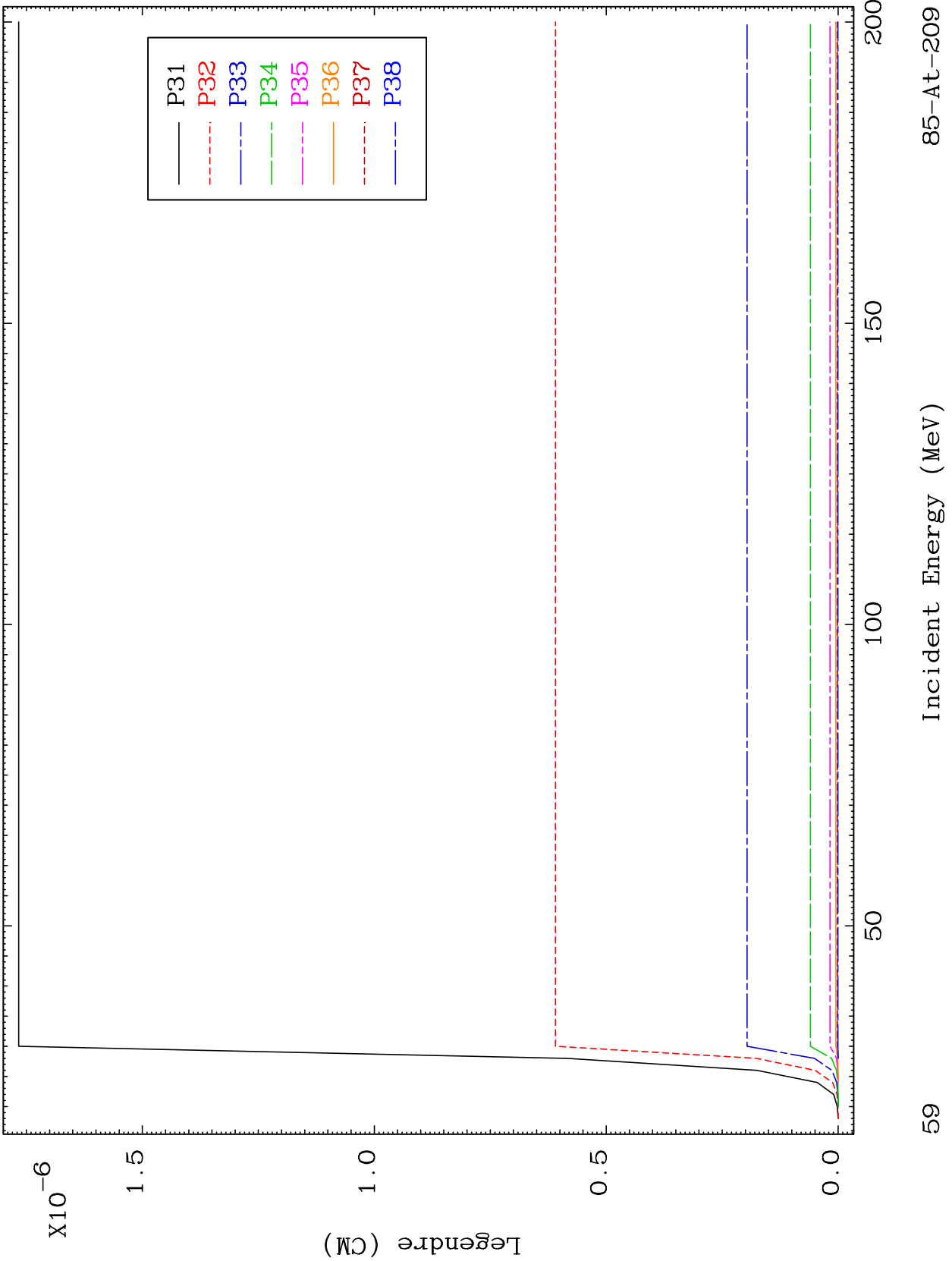
85-At-209



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Incident Energy (MeV)

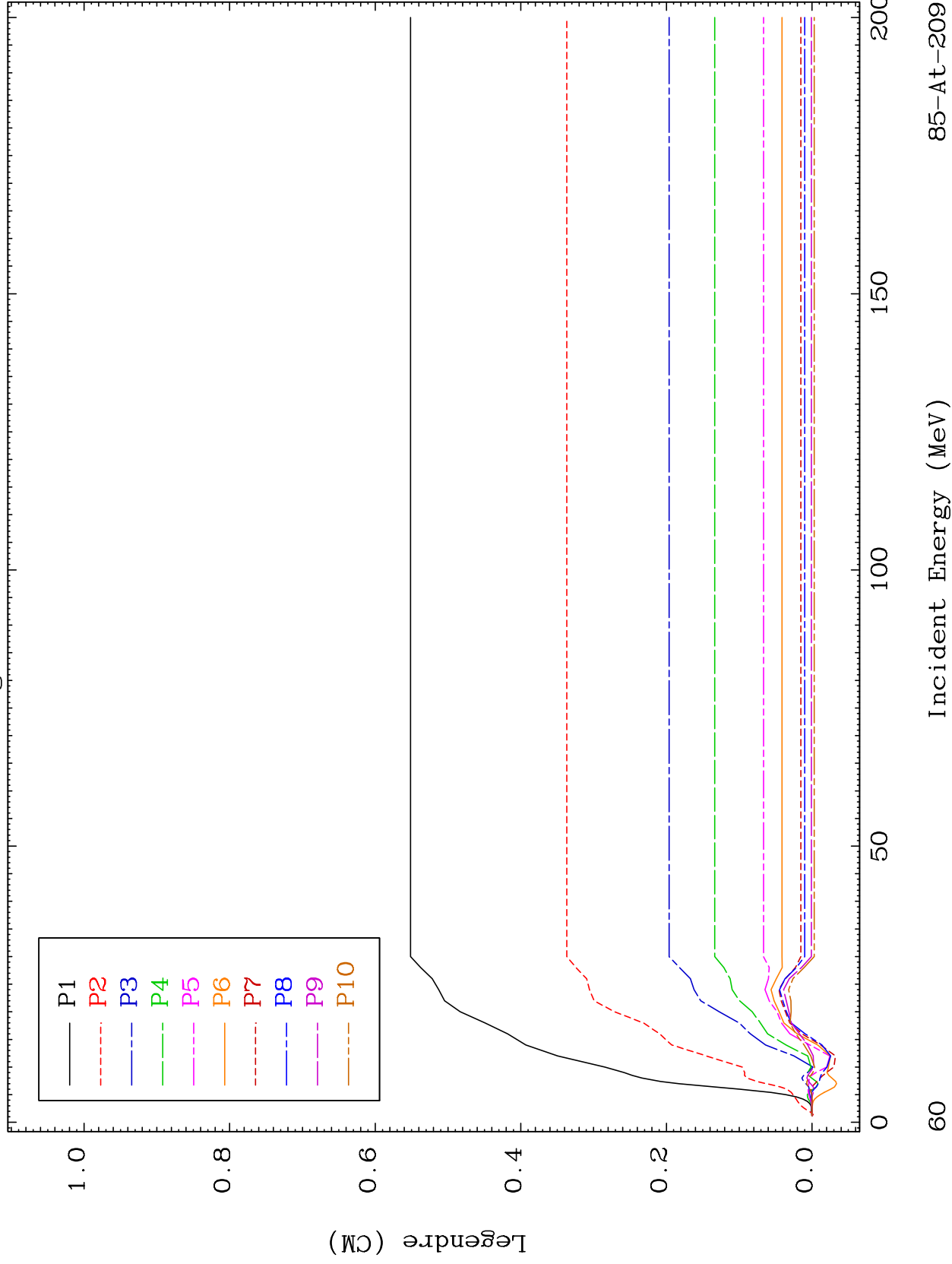
85-At-209



MAT 8543

1.131 MeV (n,n') Level  
Legendre Coefficients

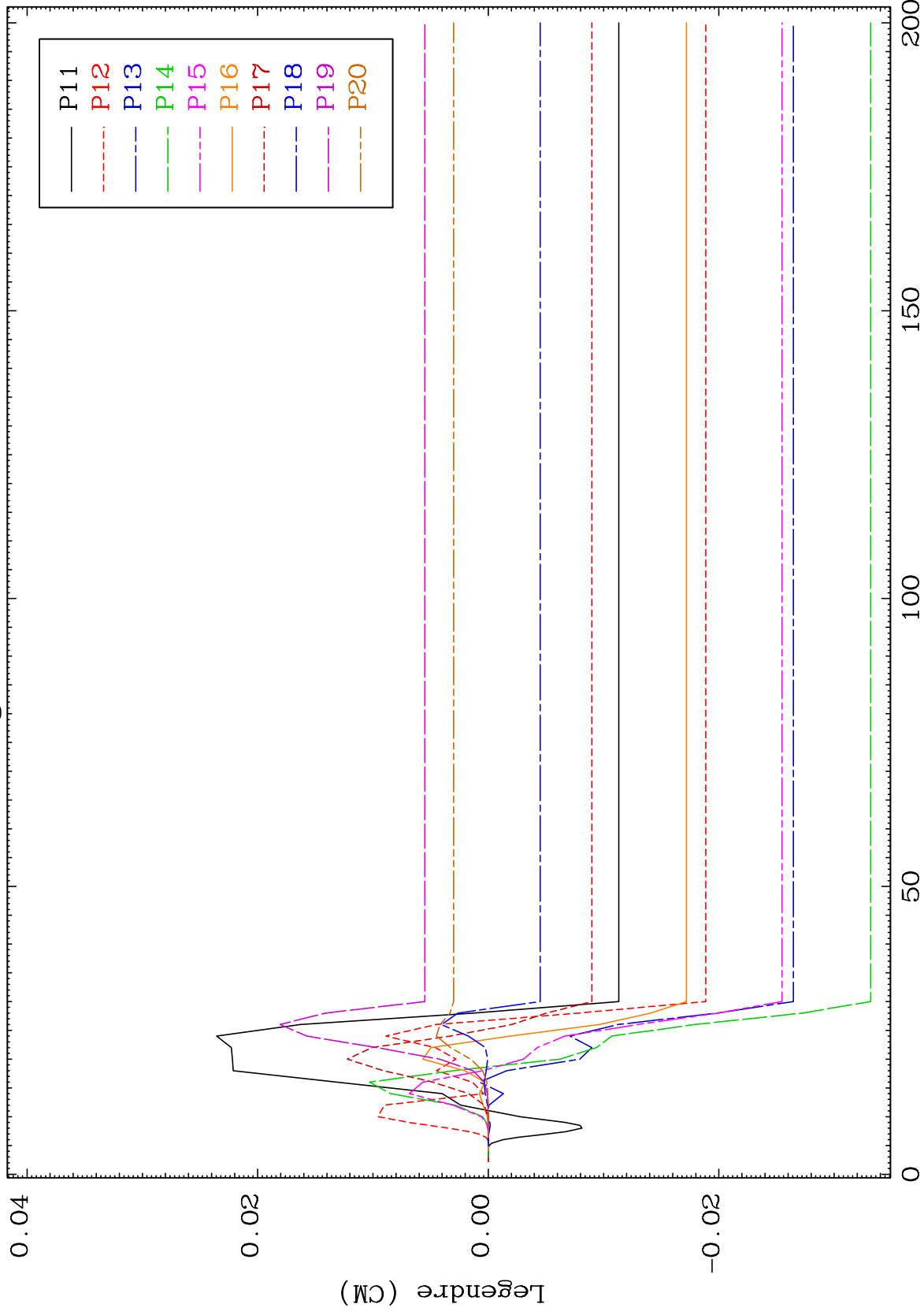
85-At-209



MAT 8543

1.131 MeV (n,n') Level Legendre Coefficients

85-At-209



61

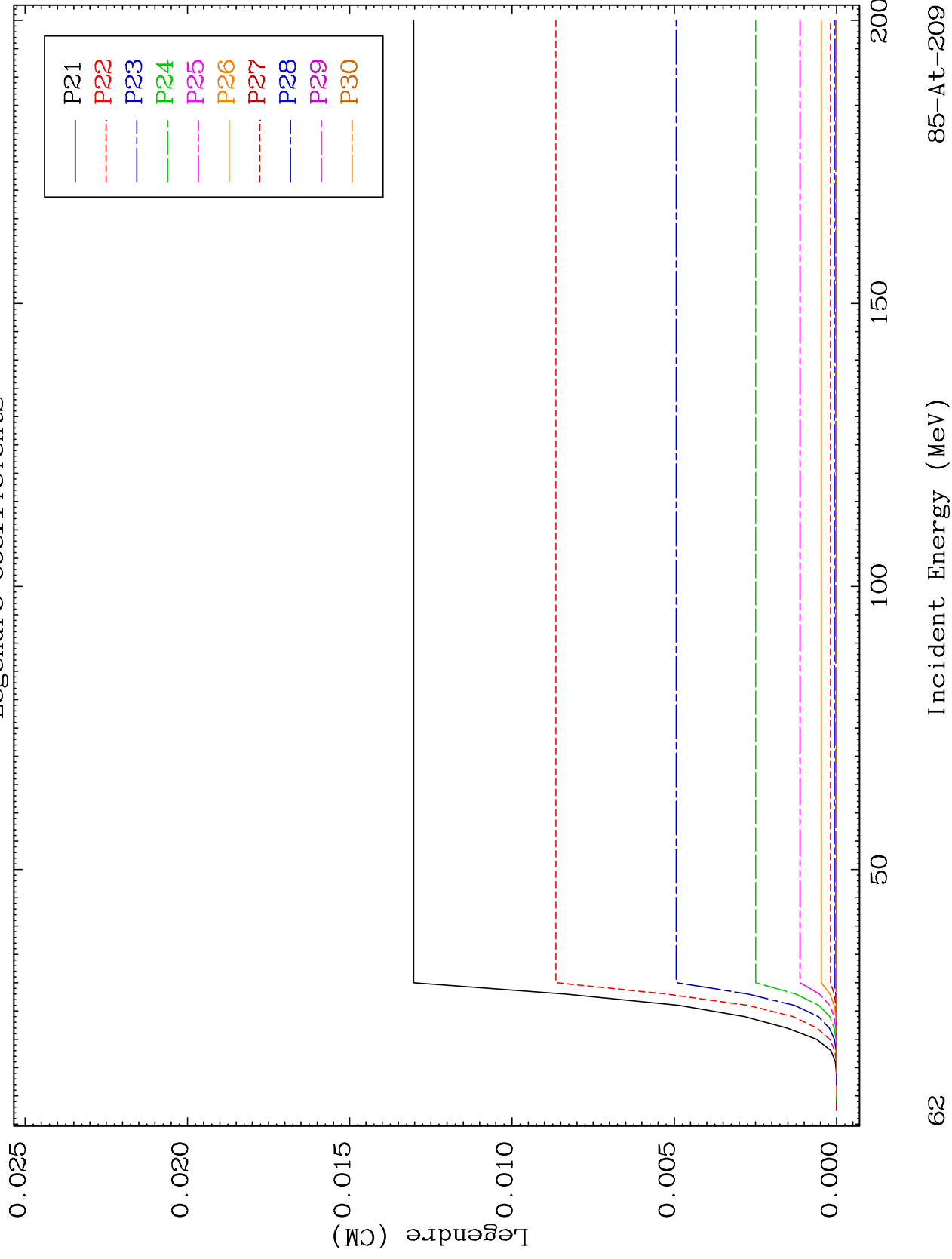
Incident Energy (MeV)

85-At-209

MAT 8543

1.131 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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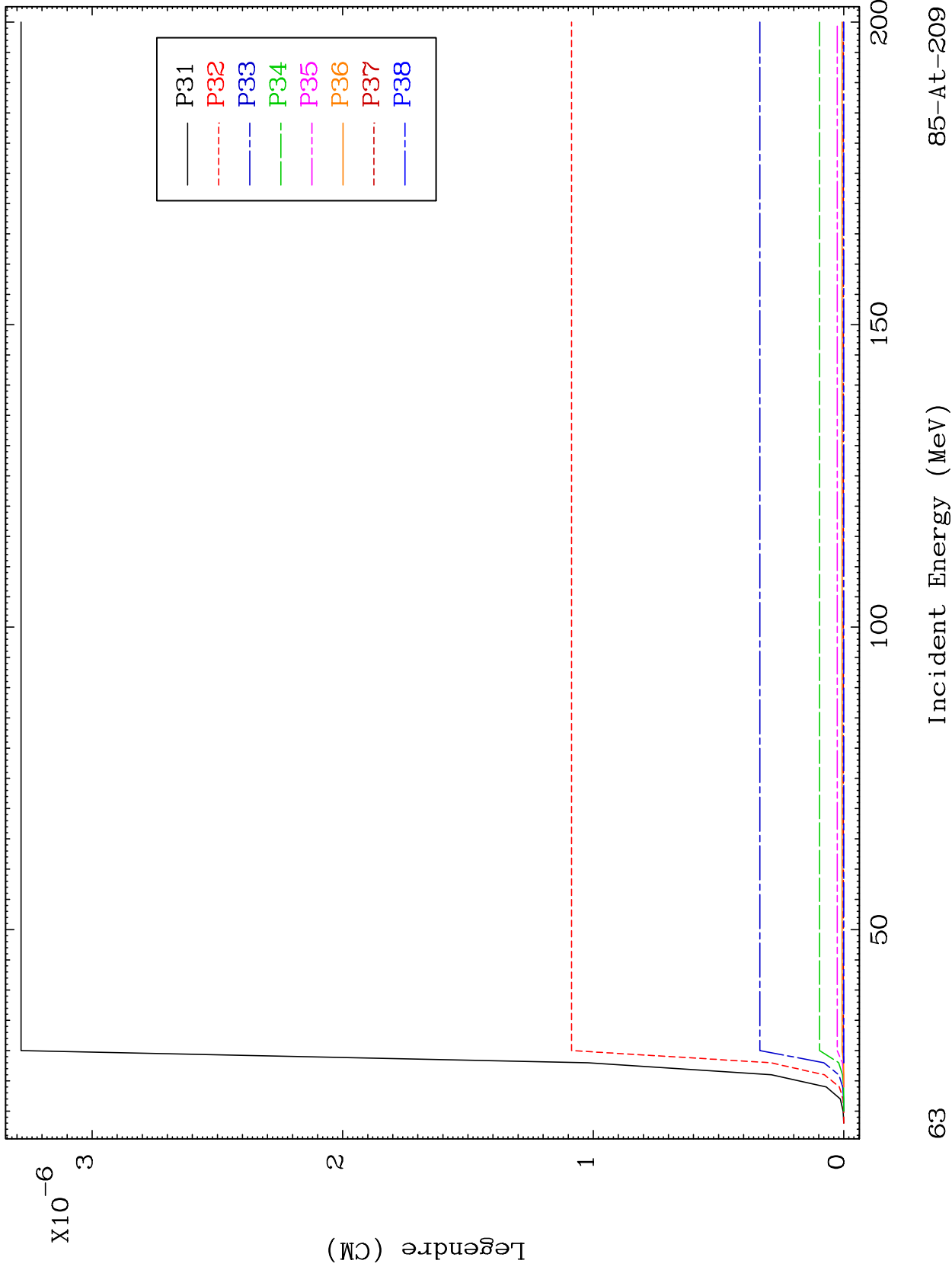
Incident Energy (MeV)

85-At-209

MAT 8543

1.131 MeV (n,n') Level  
Legendre Coefficients

85-At-209

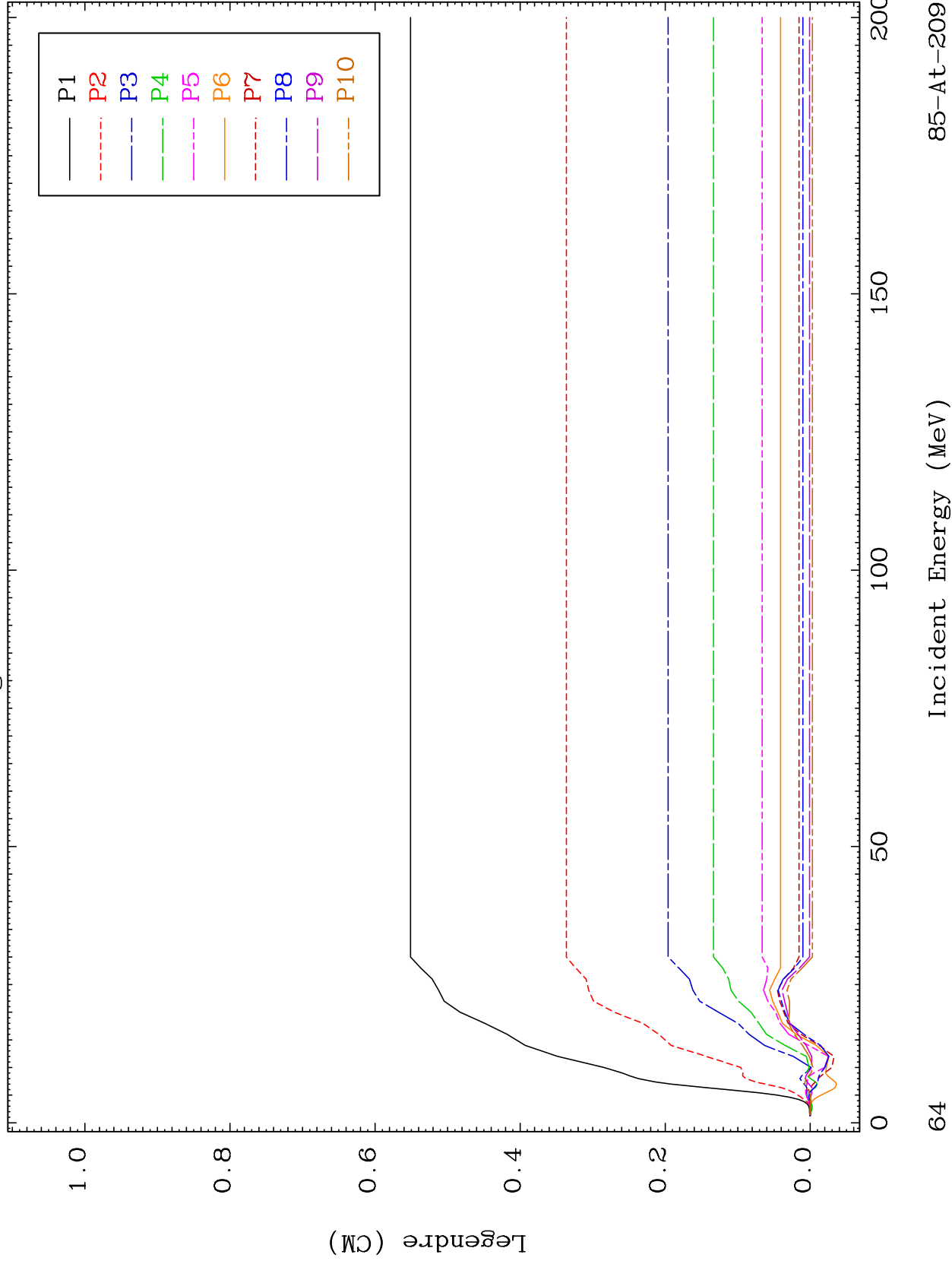




MAT 8543

1.214 MeV (n,n') Level  
Legendre Coefficients

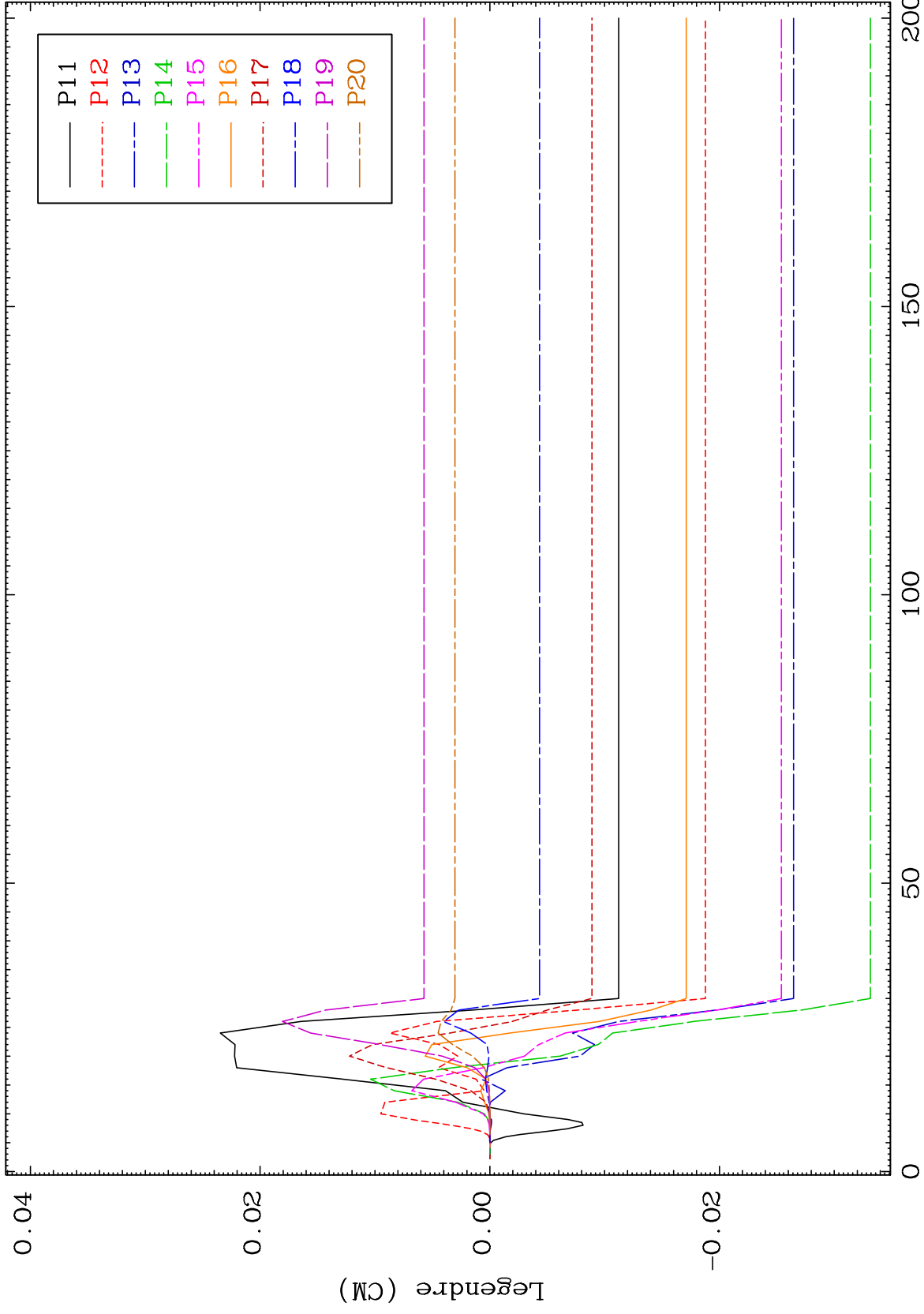
85-At-209



MAT 8543

1.214 MeV (n,n') Level  
Legendre Coefficients

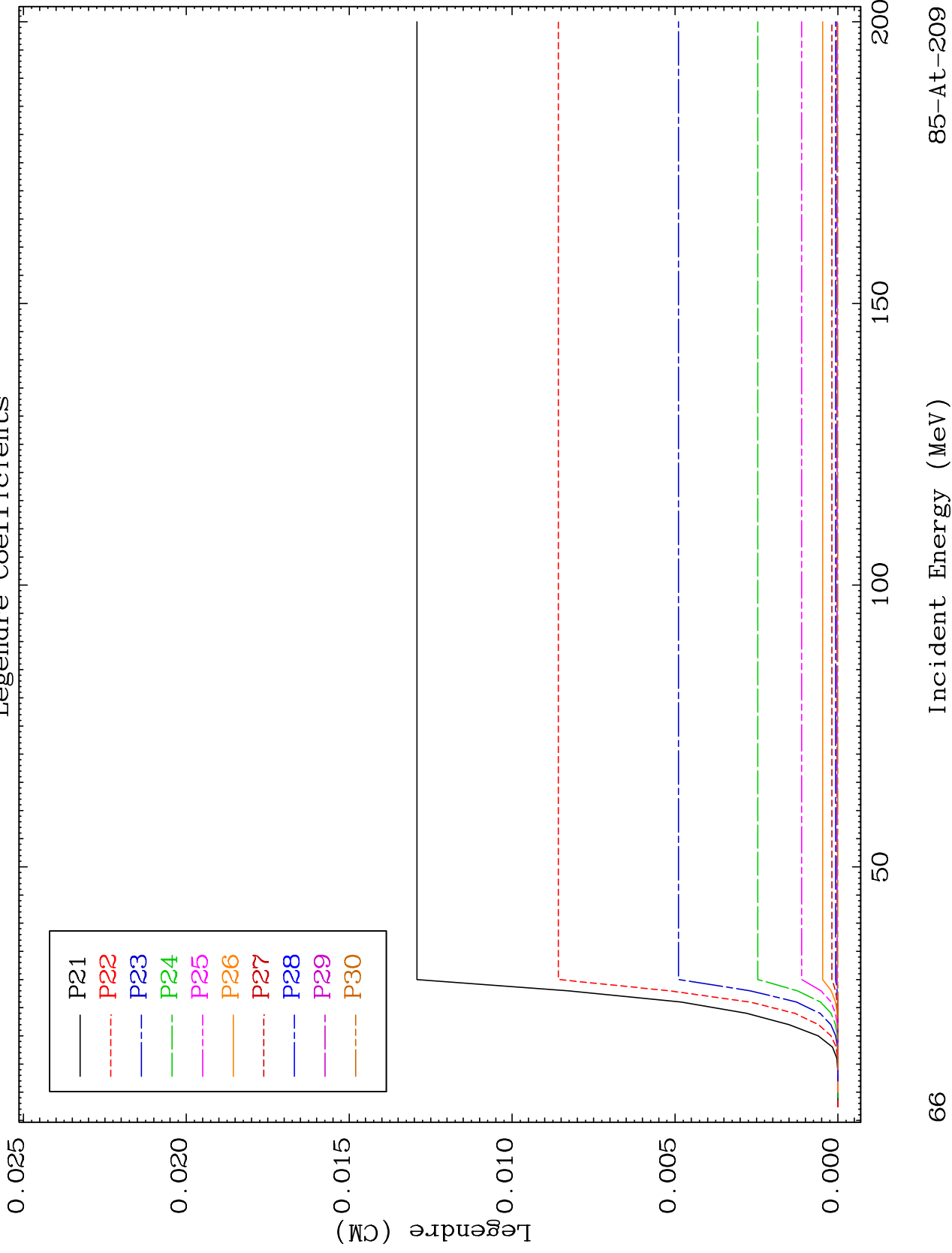
85-At-209



65

Incident Energy (MeV)

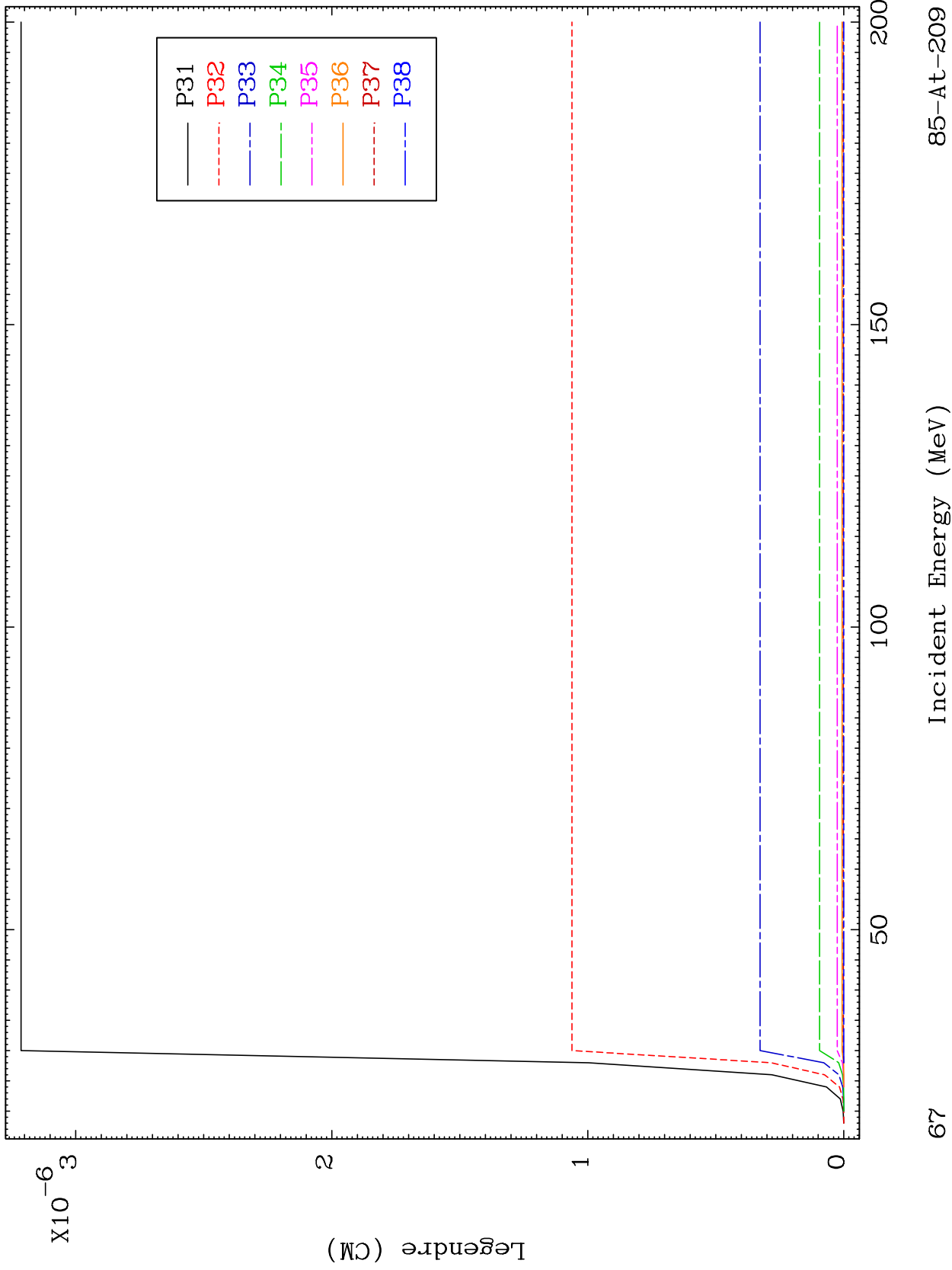
85-At-209



MAT 8543

1.214 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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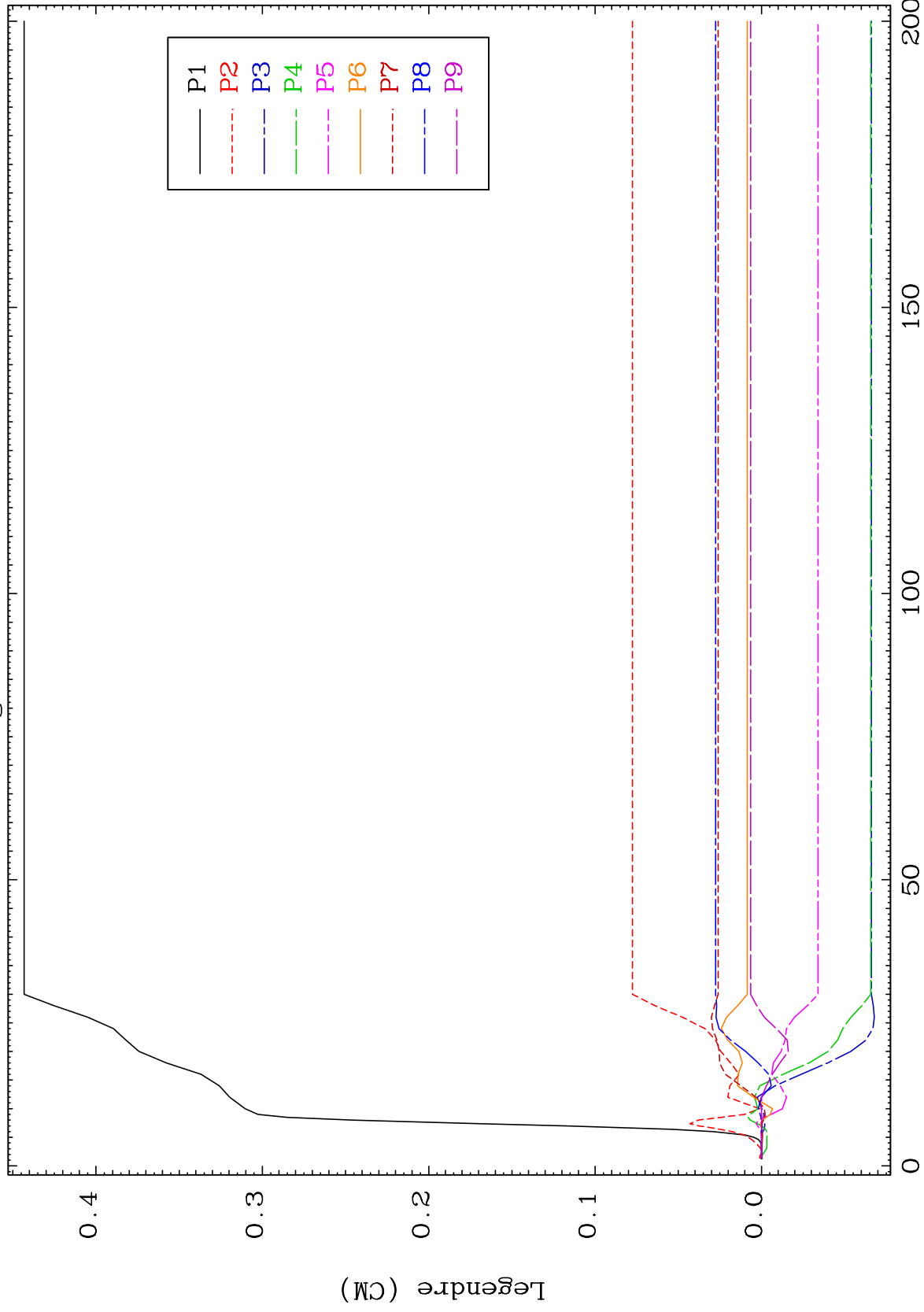
Incident Energy (MeV)

85-At-209

MAT 8543

1.242 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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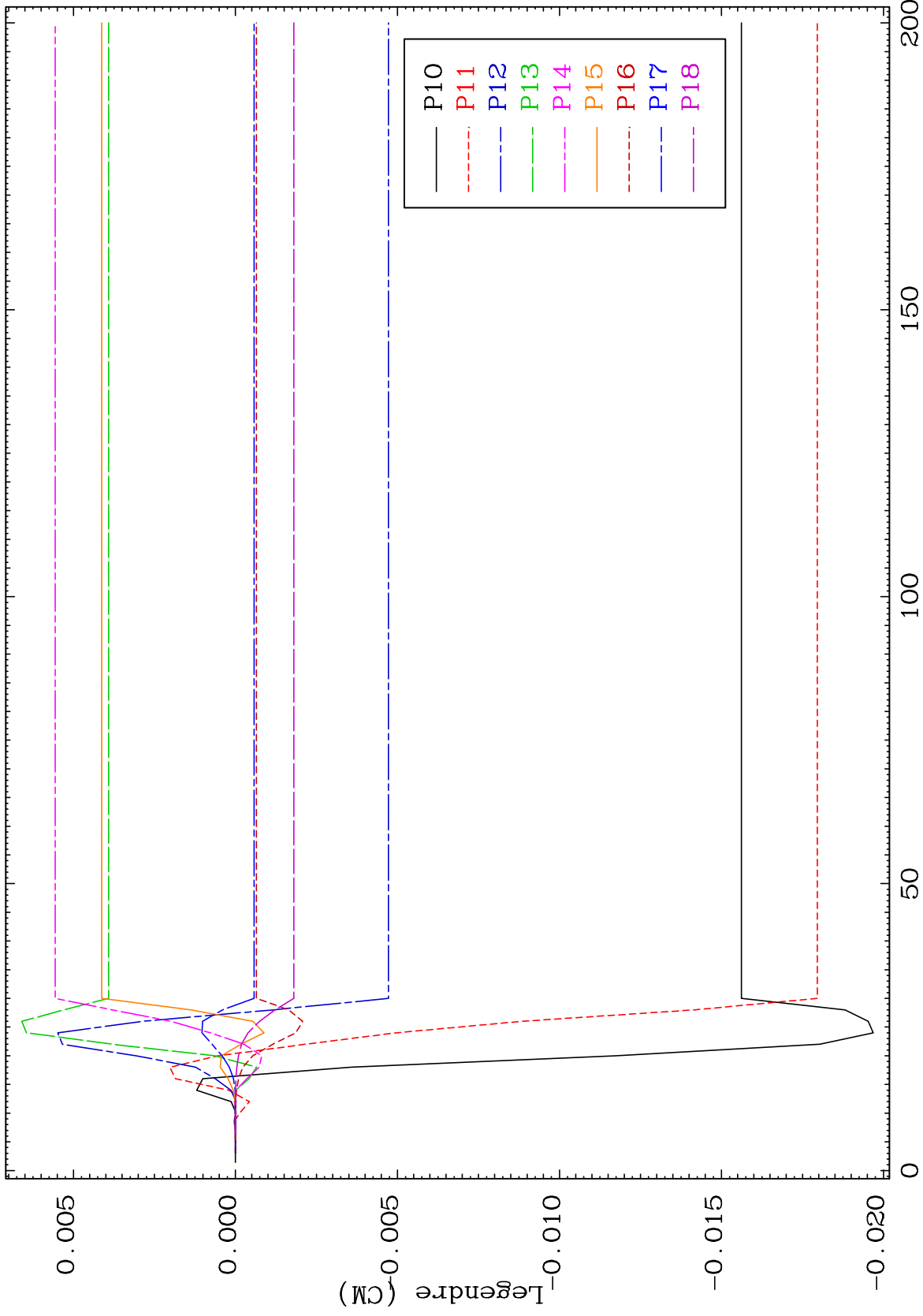
Incident Energy (MeV)

85-At-209

MAT 8543

1.242 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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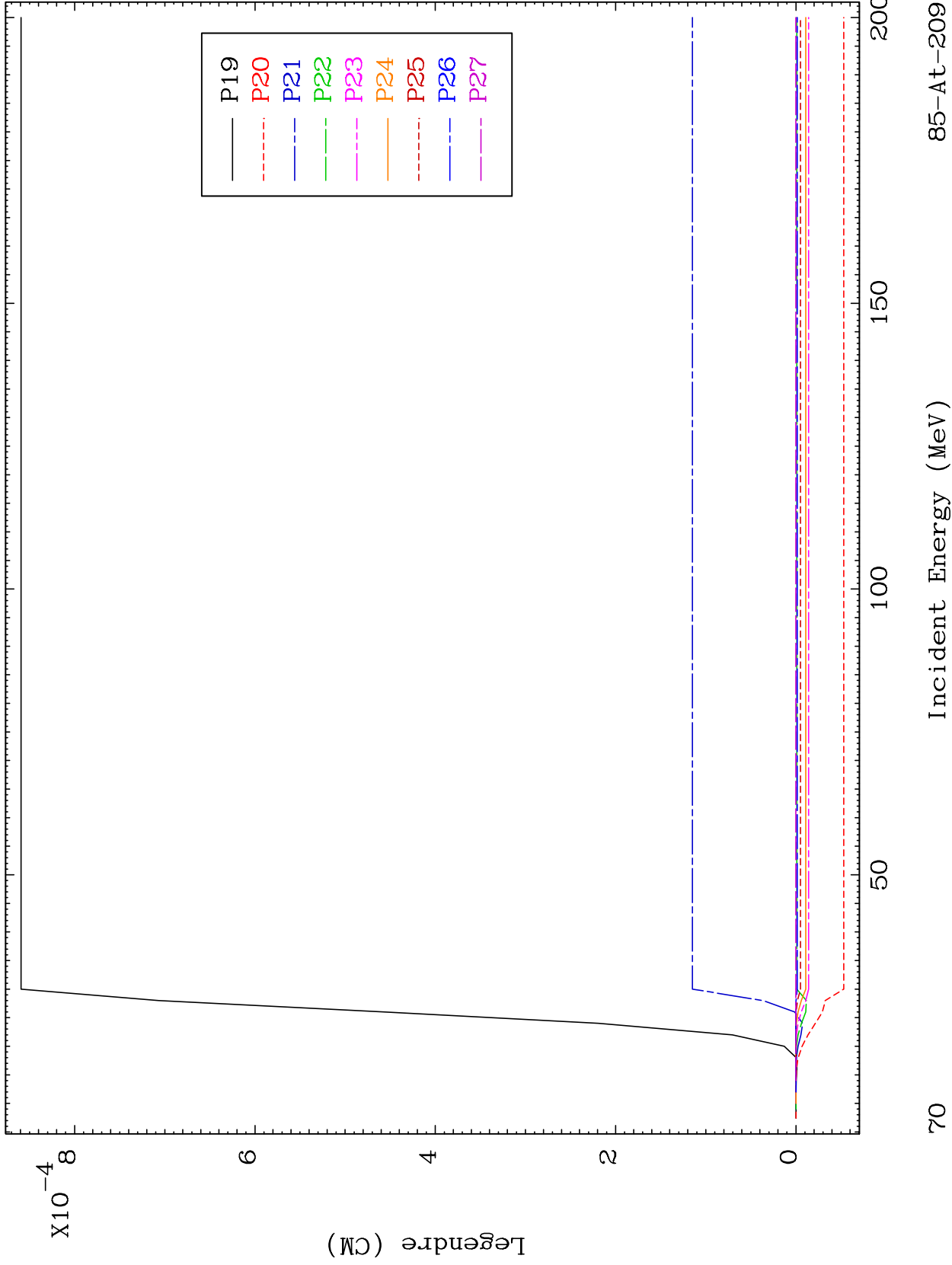
Incident Energy (MeV)

85-At-209

MAT 8543

1.242 MeV (n,n') Level  
Legendre Coefficients

85-At-209



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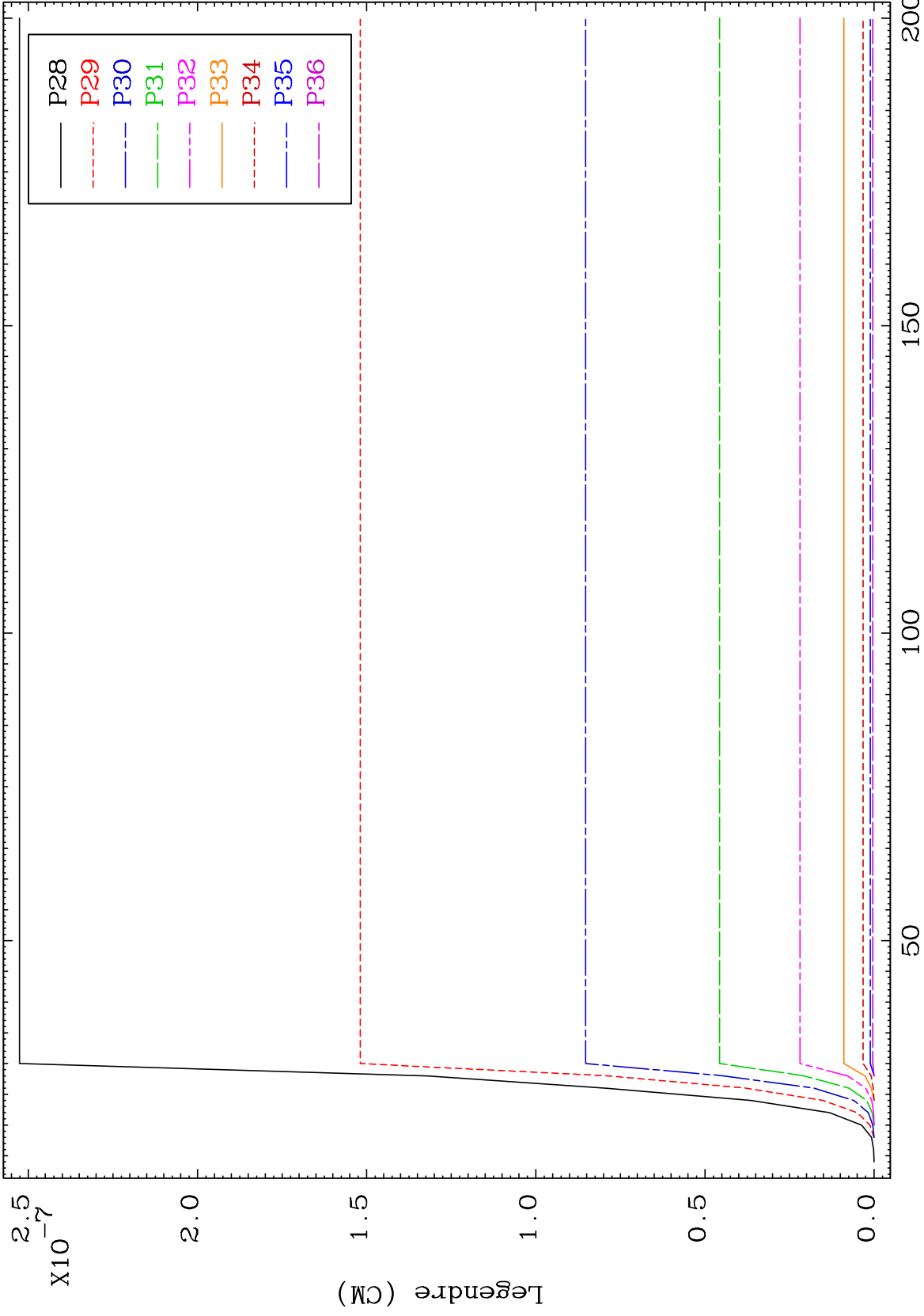
Incident Energy (MeV)

85-At-209

MAT 8543

1.242 MeV (n,n') Level  
Legendre Coefficients

85-At-209



71

Incident Energy (MeV)

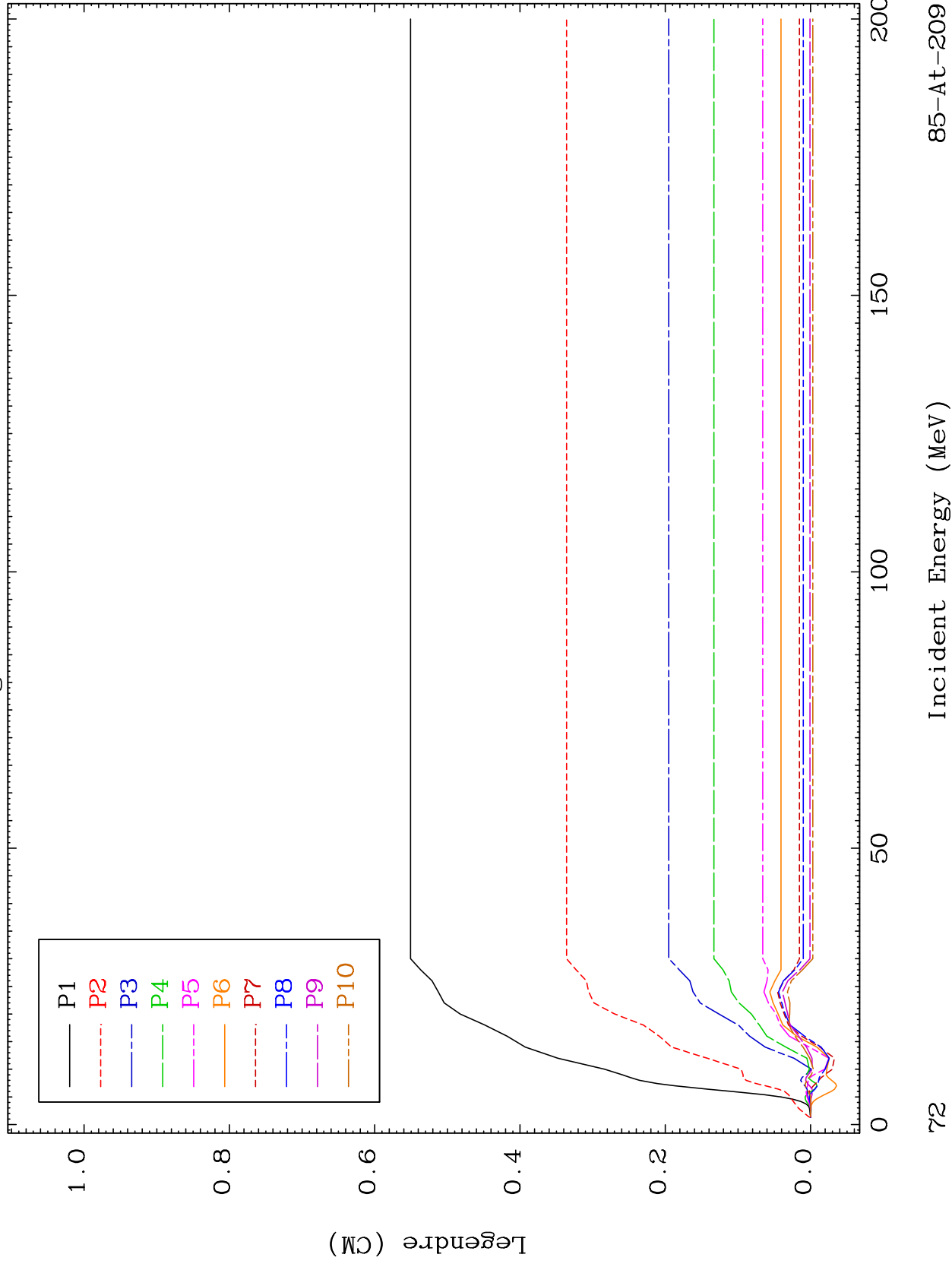
85-At-209



MAT 8543

1.270 MeV (n,n') Level  
Legendre Coefficients

85-At-209



85-At-209

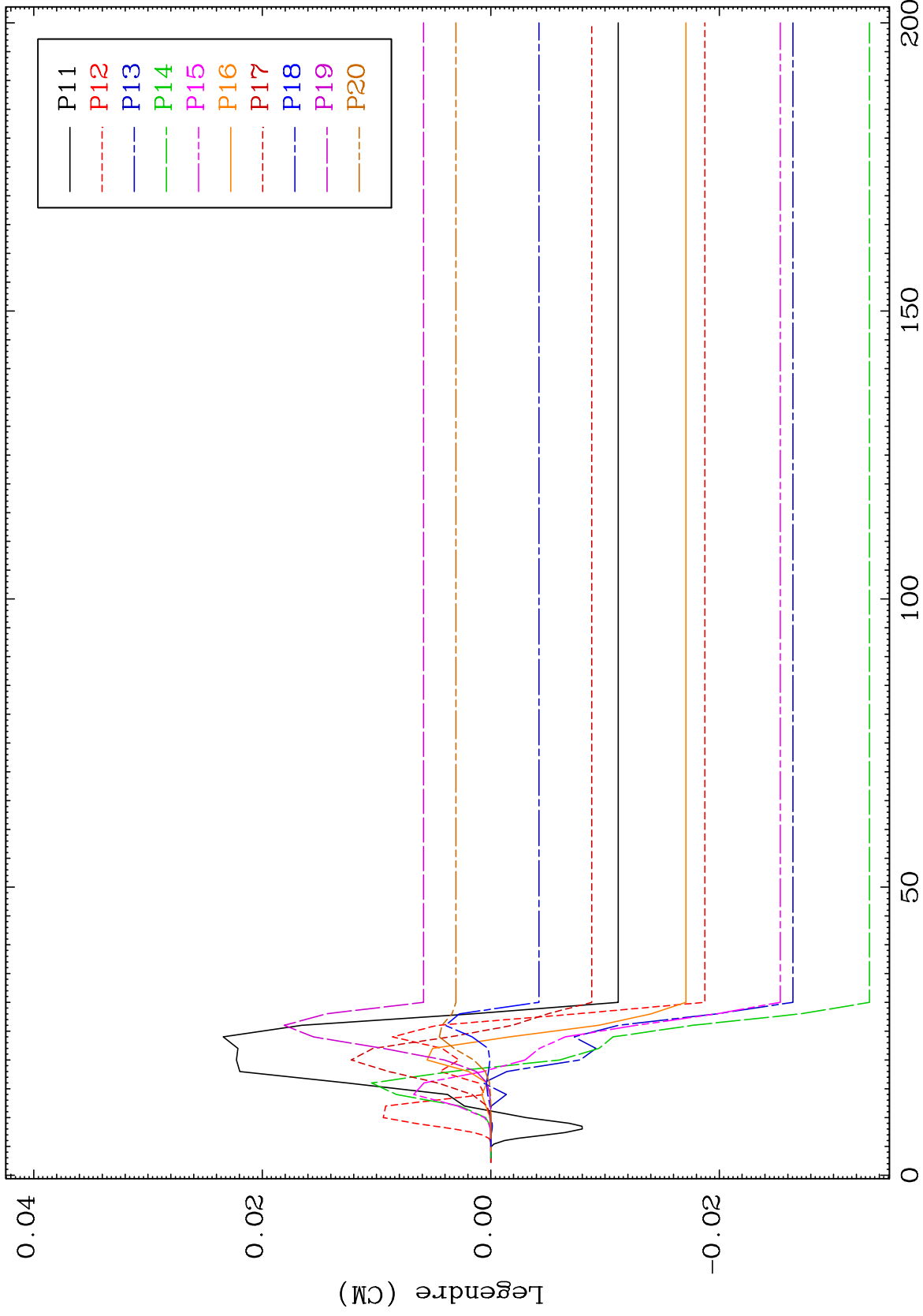
Incident Energy (MeV)

72

MAT 8543

1.270 MeV (n,n') Level  
Legendre Coefficients

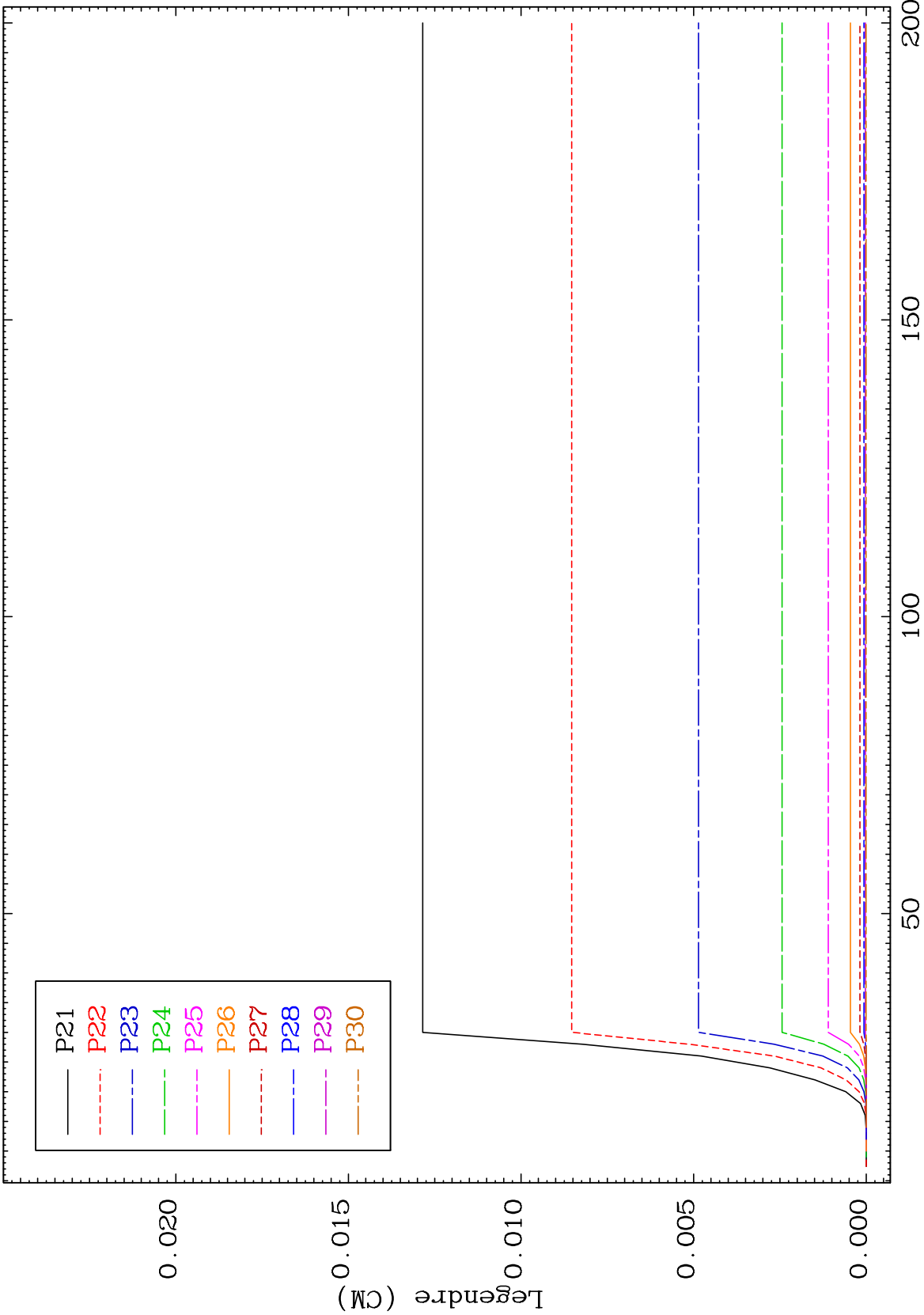
85-At-209



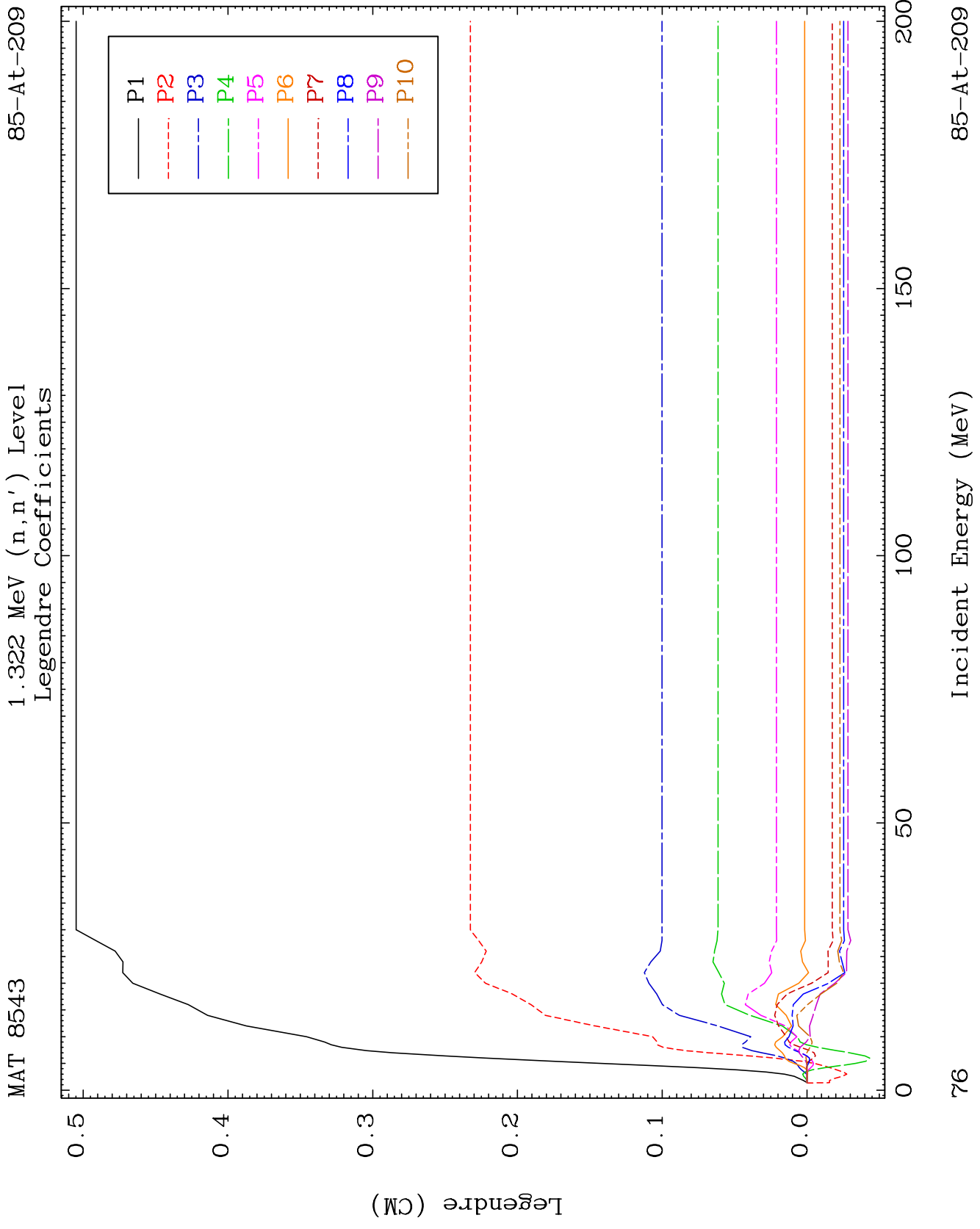
73

Incident Energy (MeV)

85-At-209



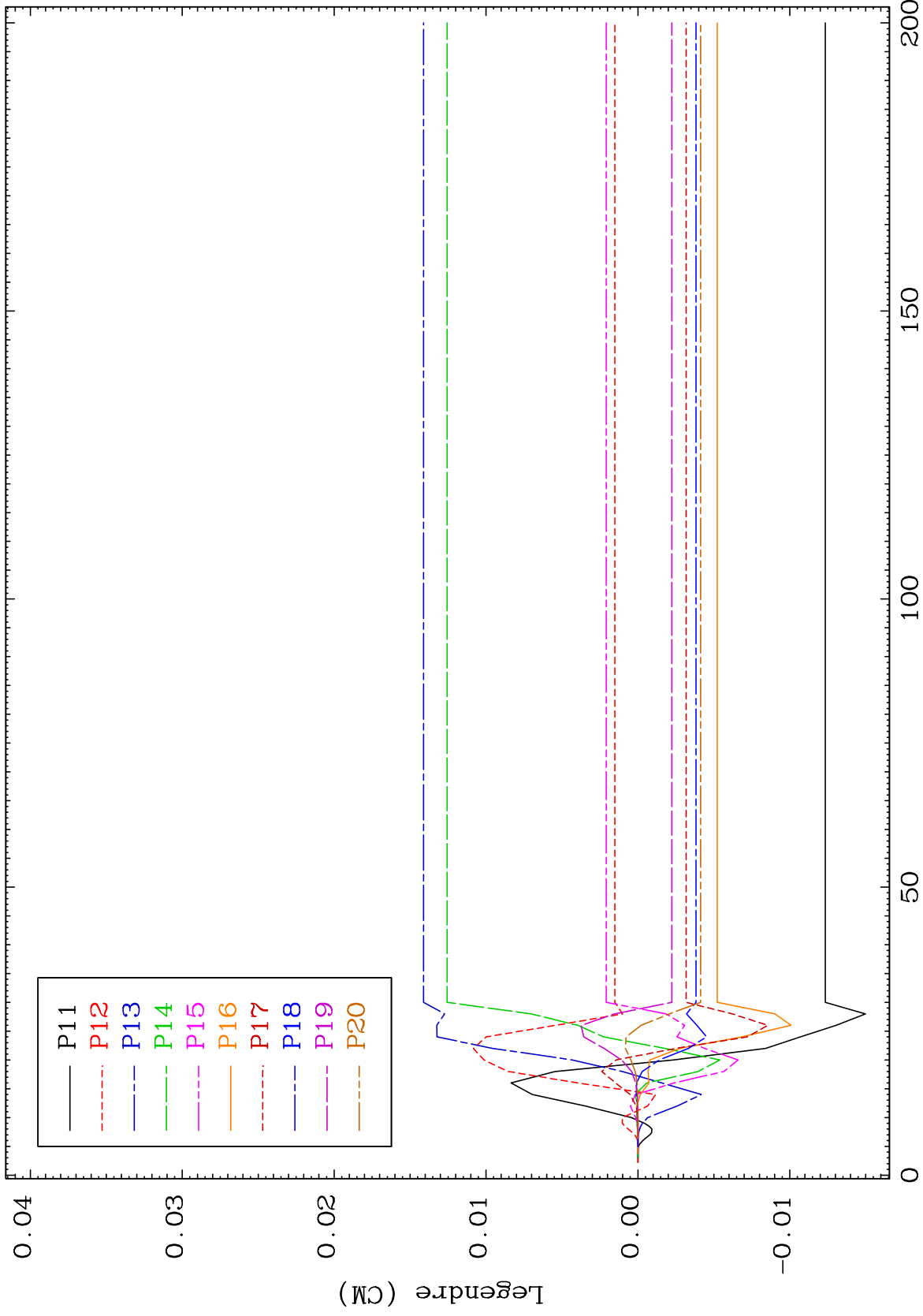




MAT 8543

1.322 MeV (n,n') Level  
Legendre Coefficients

85-At-209



77

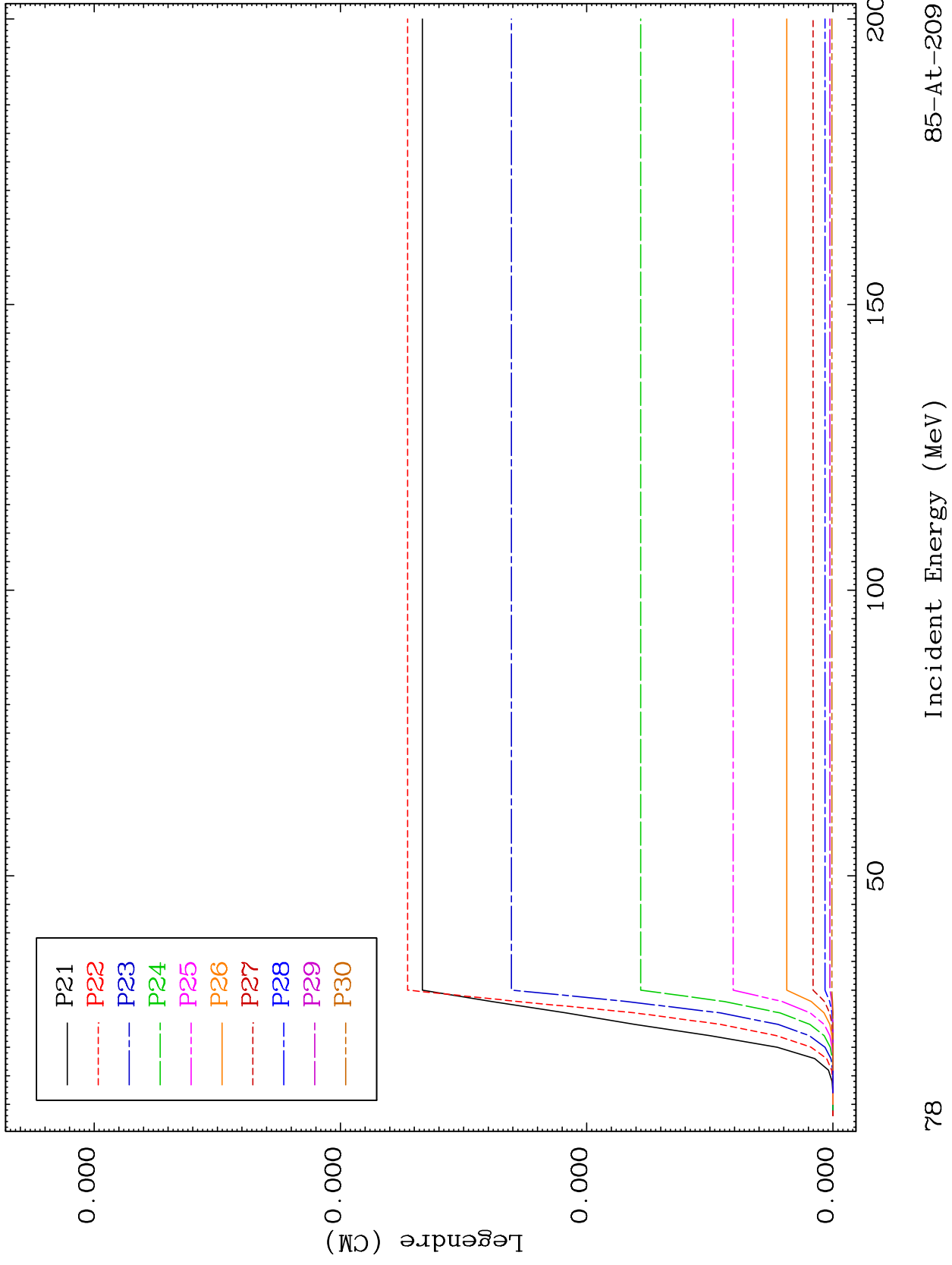
Incident Energy (MeV)

85-At-209

MAT 8543

1.322 MeV (n,n') Level  
Legendre Coefficients

85-At-209



78

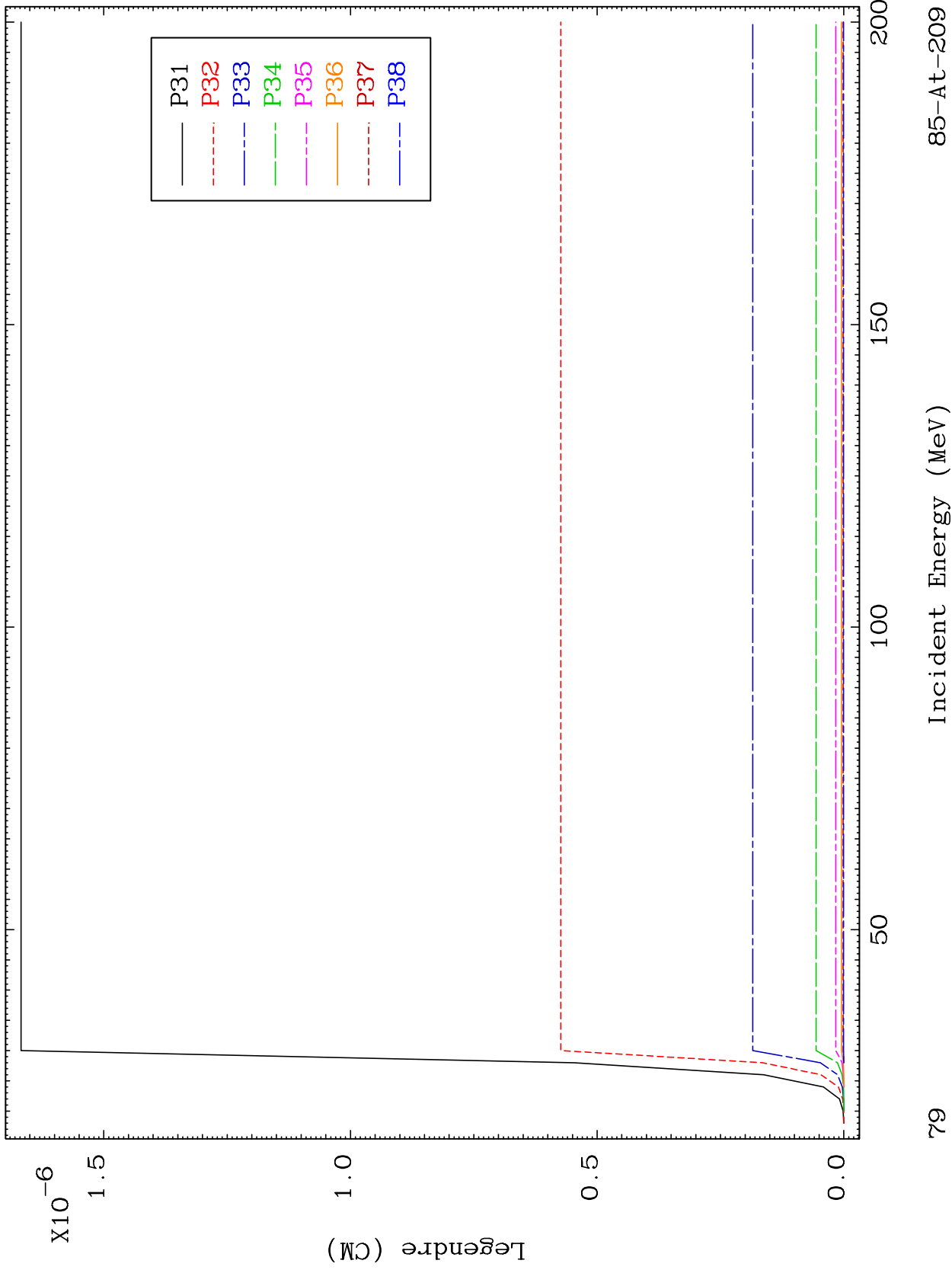
Incident Energy (MeV)

85-At-209

MAT 8543

1.322 MeV (n,n') Level  
Legendre Coefficients

85-At-209

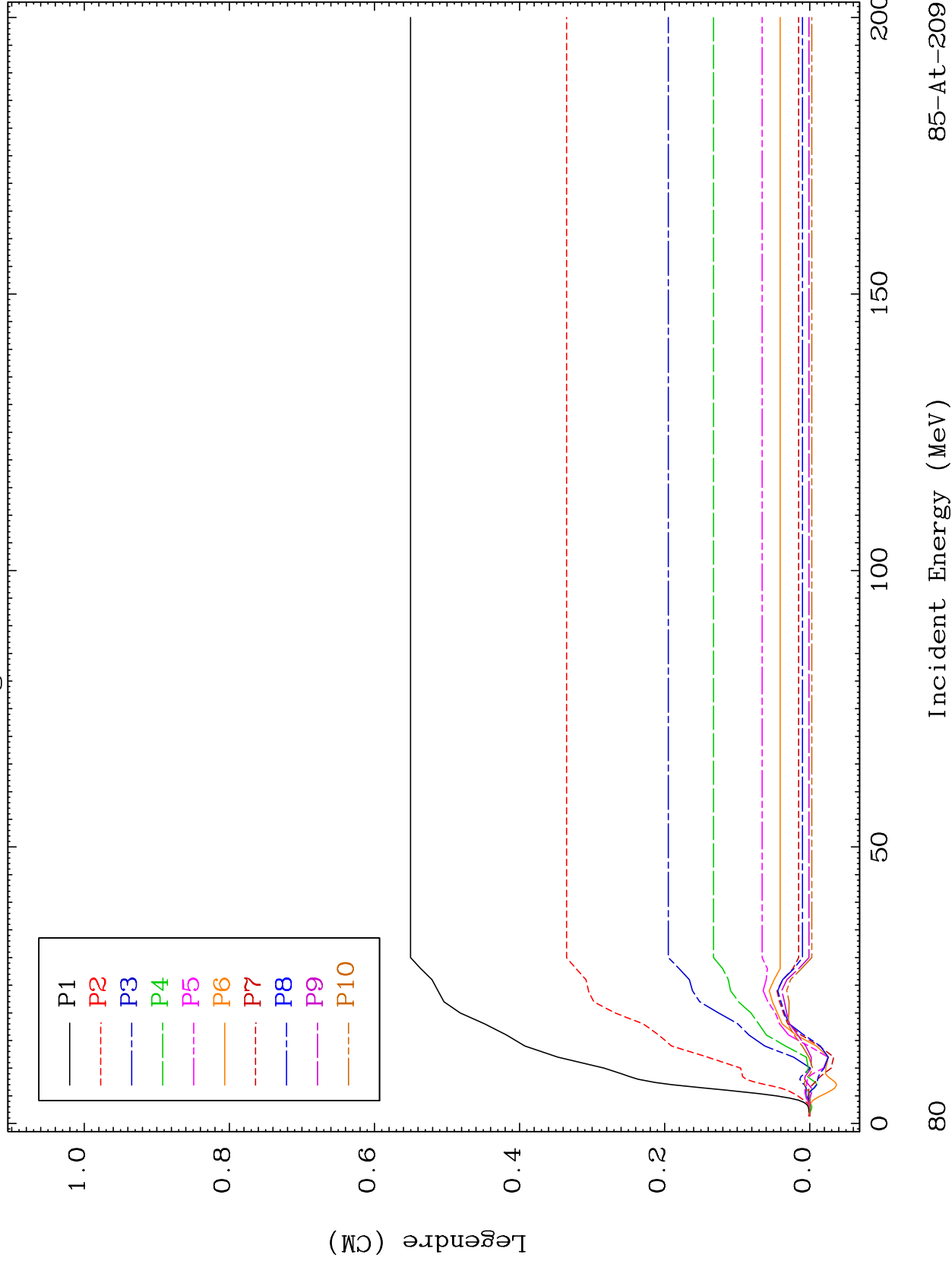




MAT 8543

1.340 MeV (n,n') Level  
Legendre Coefficients

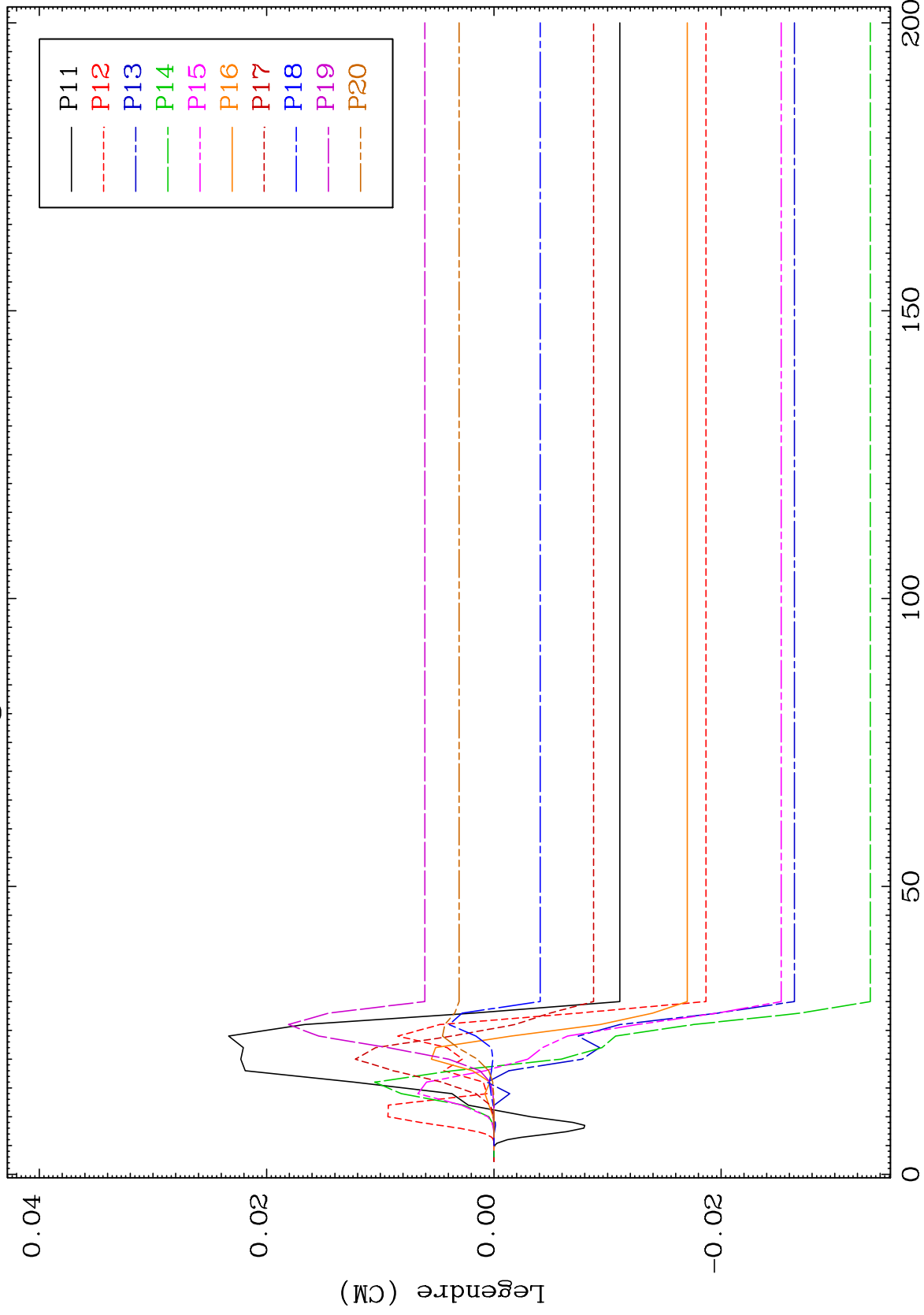
85-At-209



MAT 8543

1.340 MeV (n,n') Level  
Legendre Coefficients

85-At-209



81

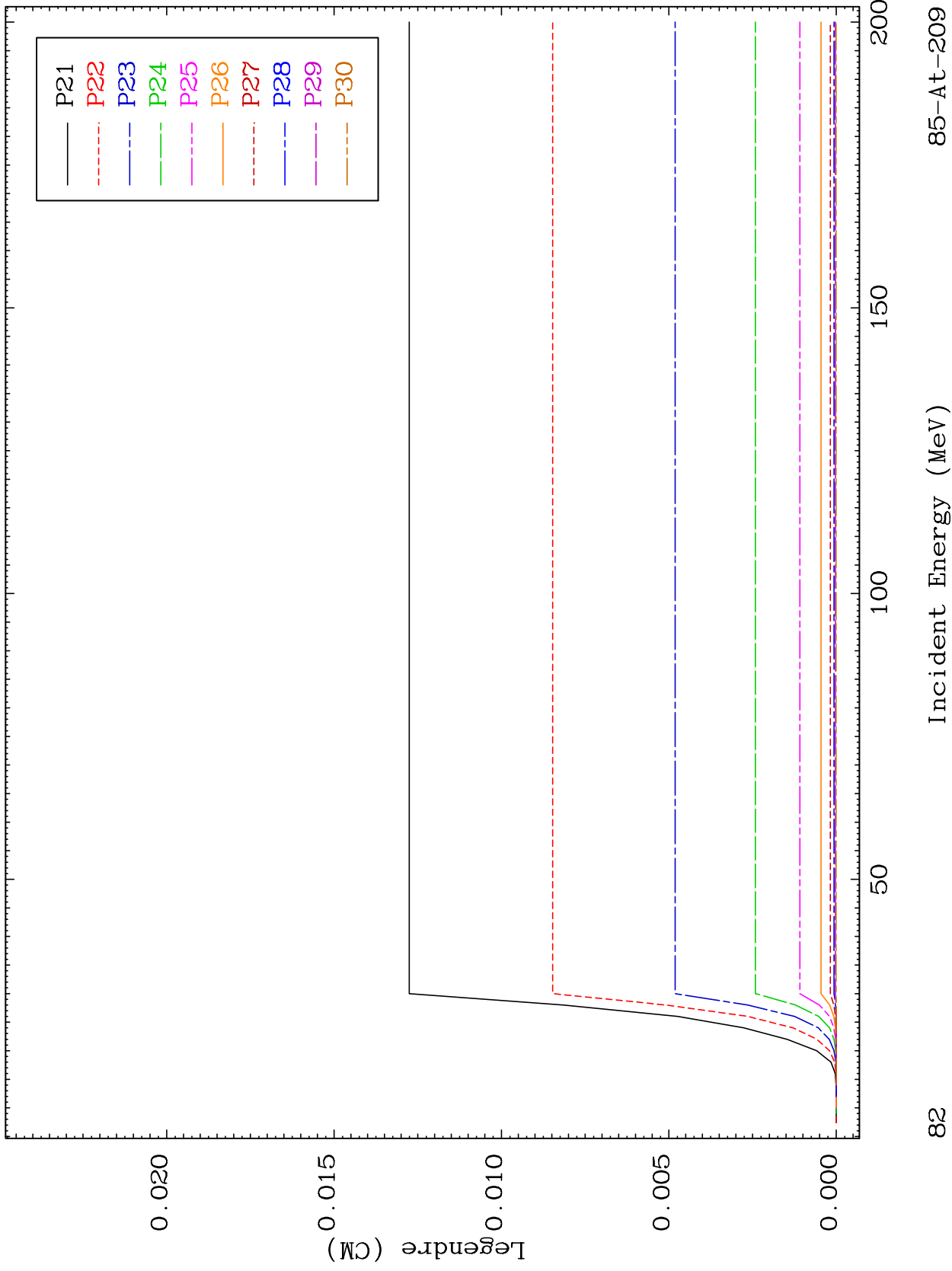
Incident Energy (MeV)

85-At-209

MAT 8543

1.340 MeV (n,n') Level  
Legendre Coefficients

85-At-209



82

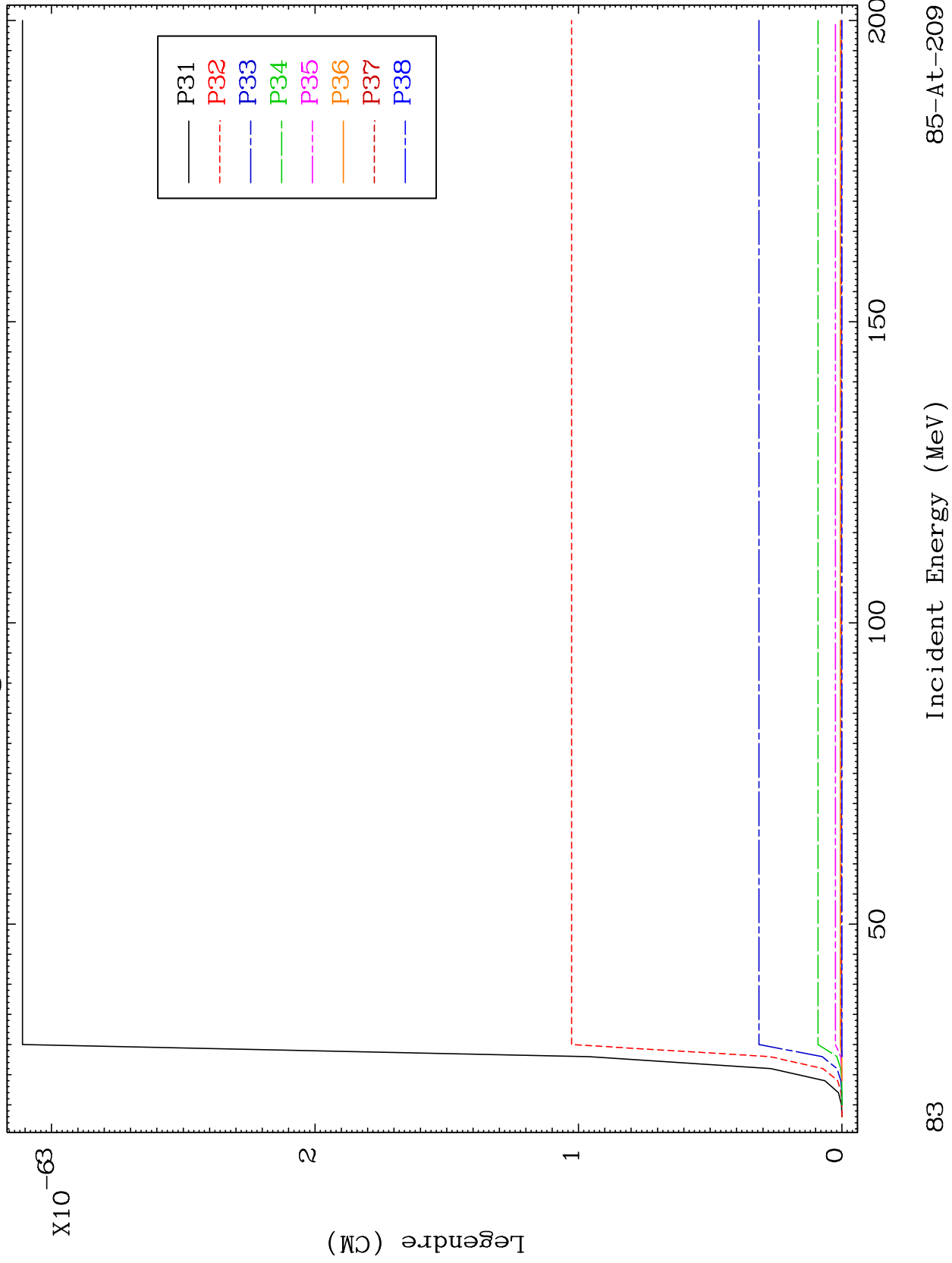
Incident Energy (MeV)

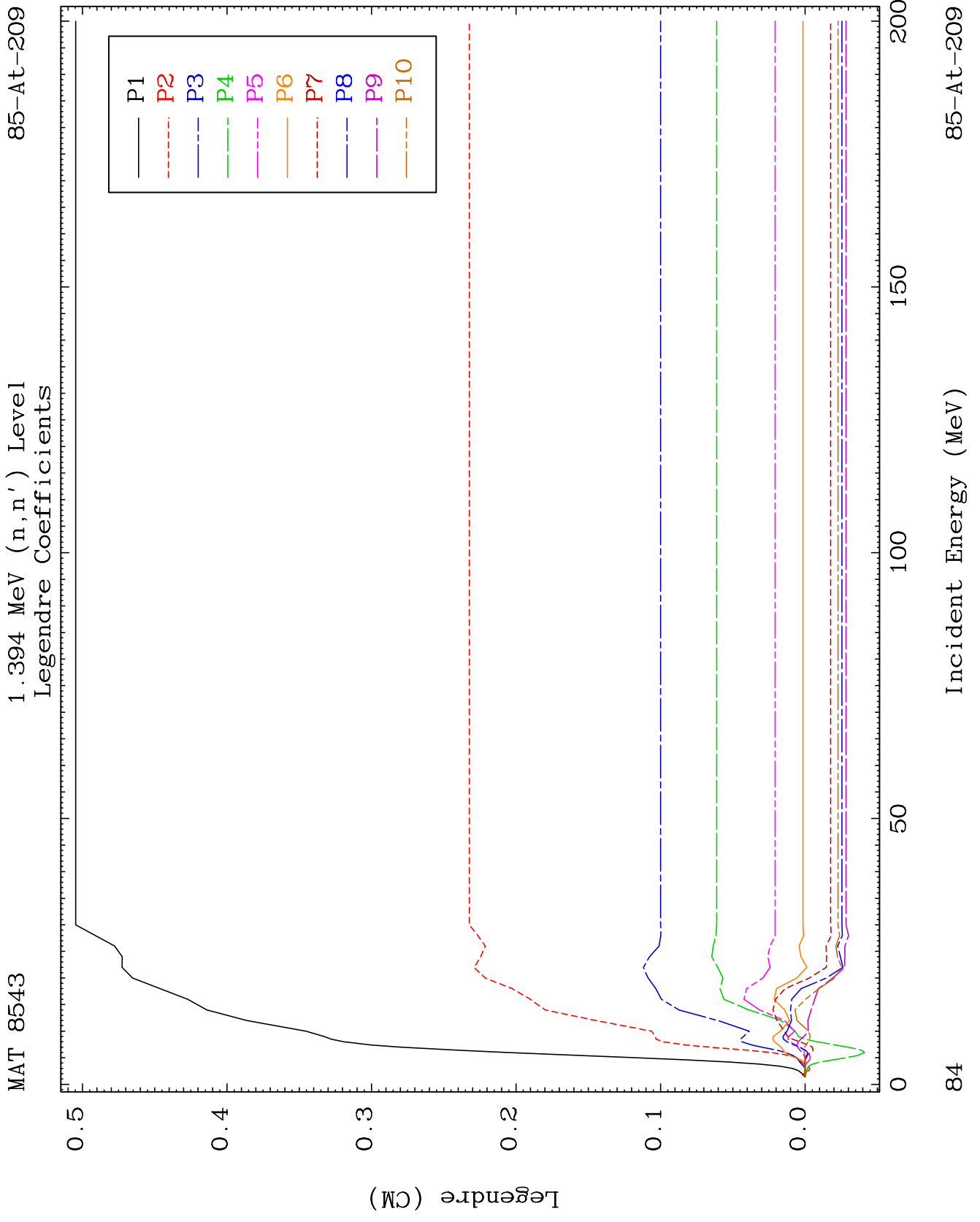
85-At-209

MAT 8543

1.340 MeV (n,n') Level  
Legendre Coefficients

85-At-209

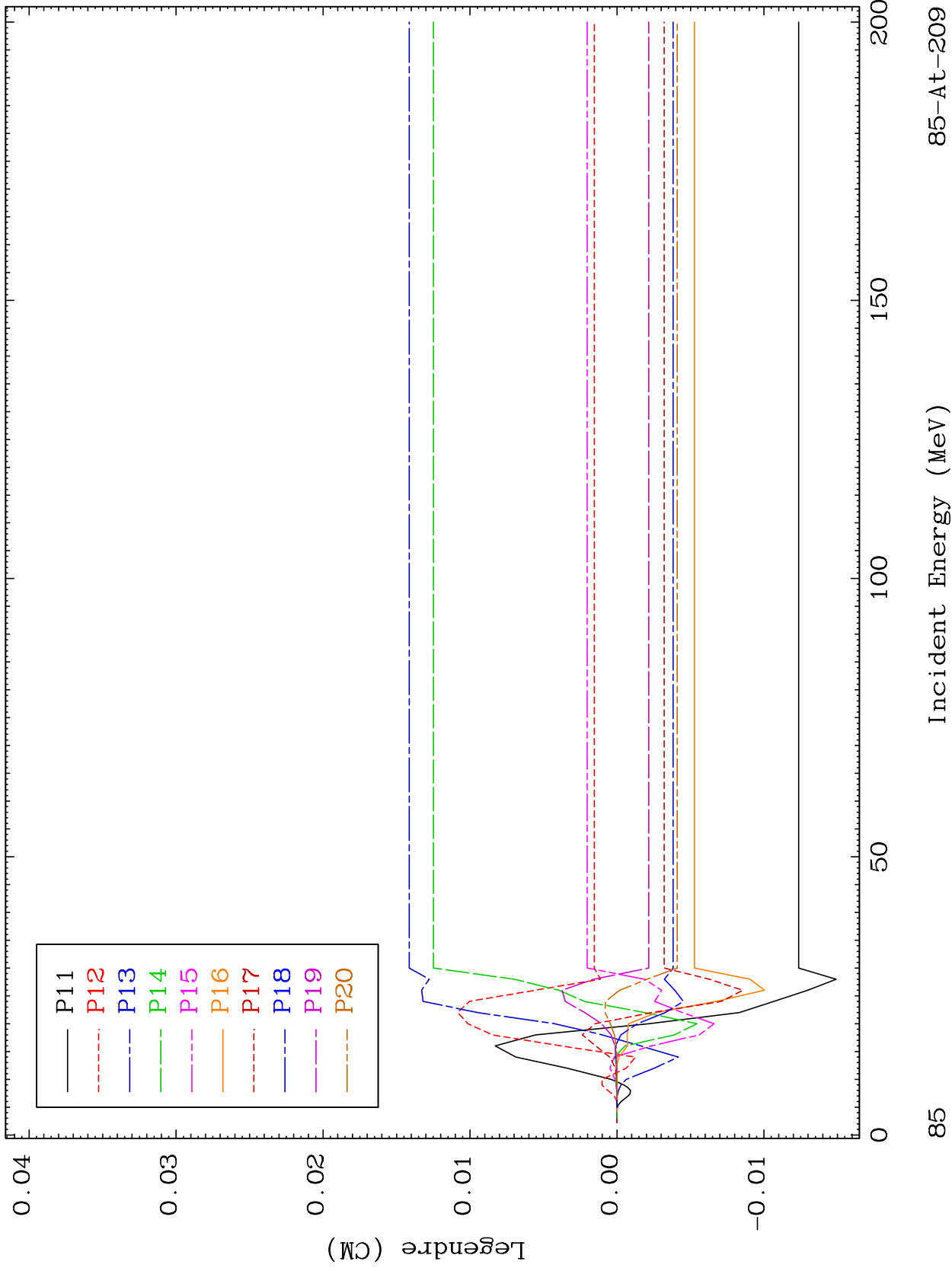




MAT 8543

1.394 MeV (n,n') Level  
Legendre Coefficients

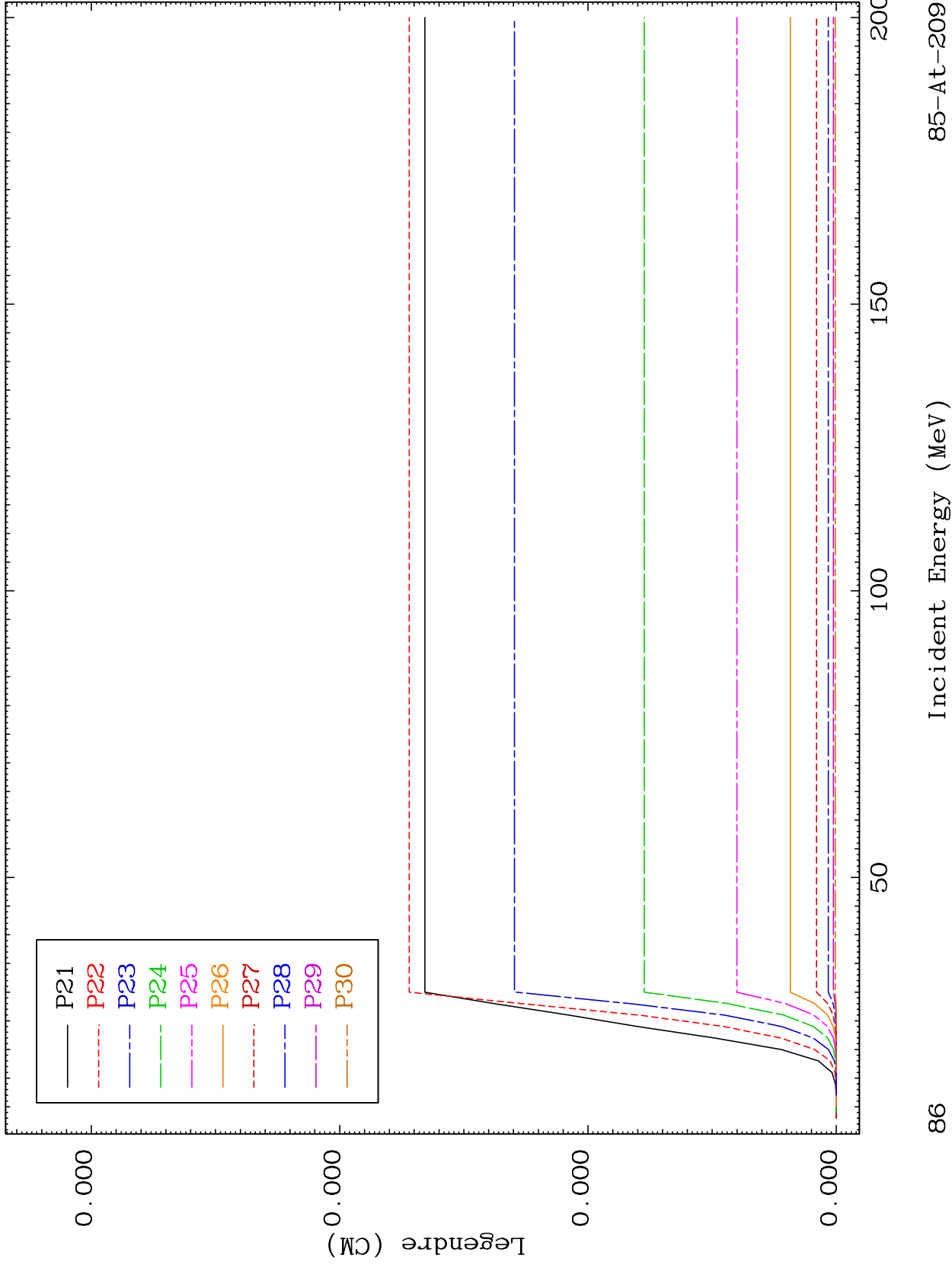
85-At-209



85

Incident Energy (MeV)

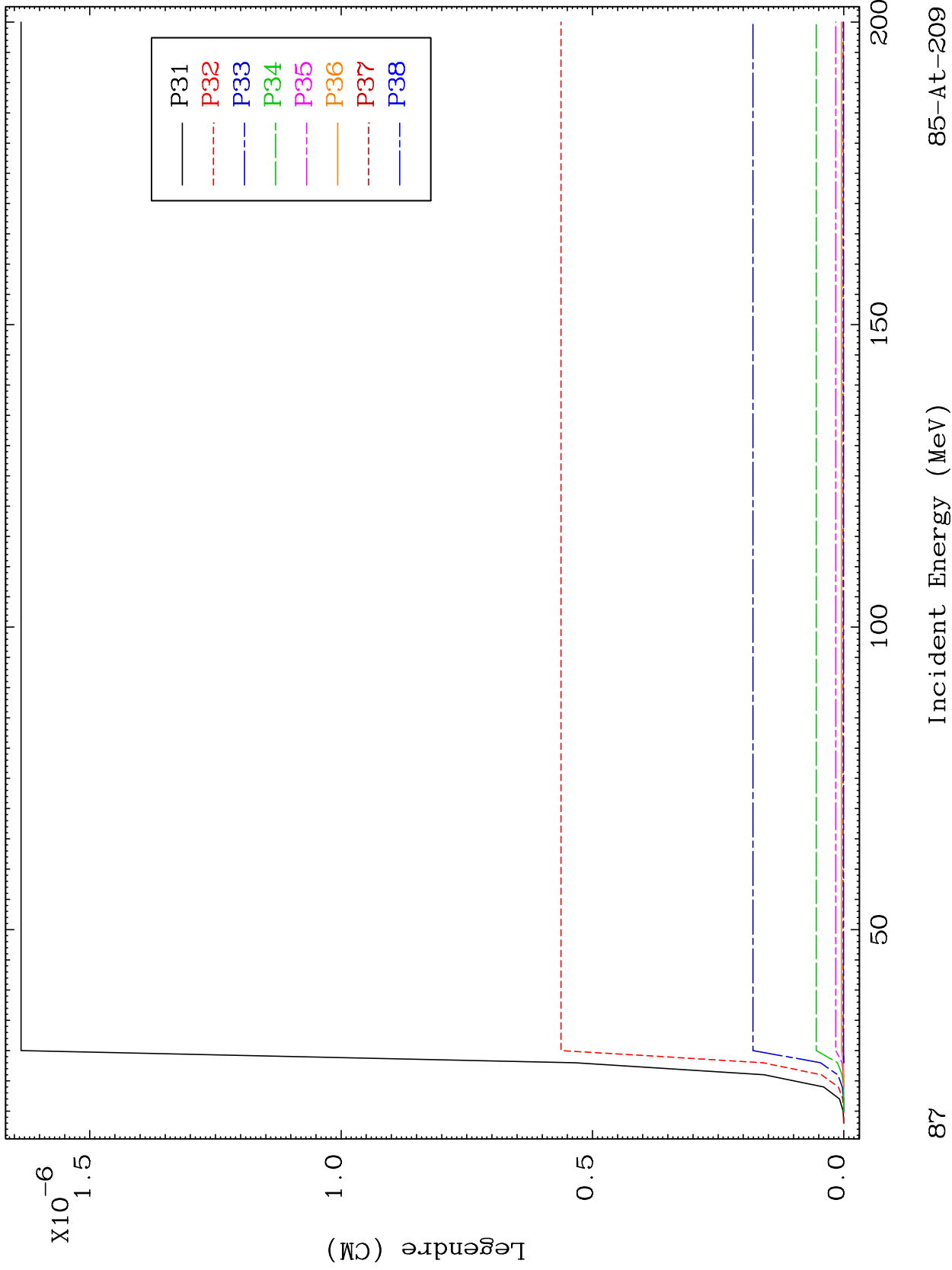
85-At-209



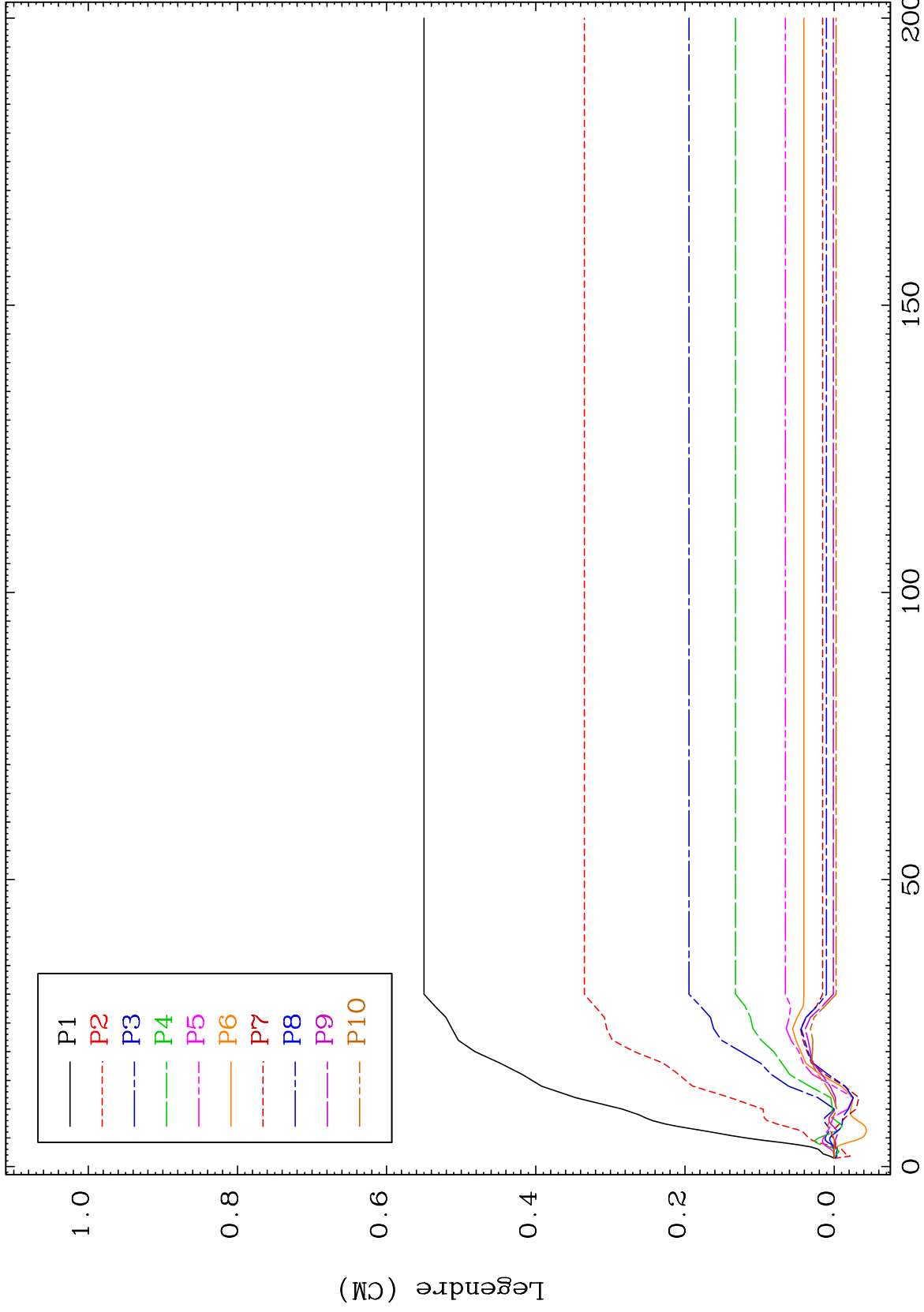
MAT 8543

1.394 MeV (n,n') Level  
Legendre Coefficients

85-At-209



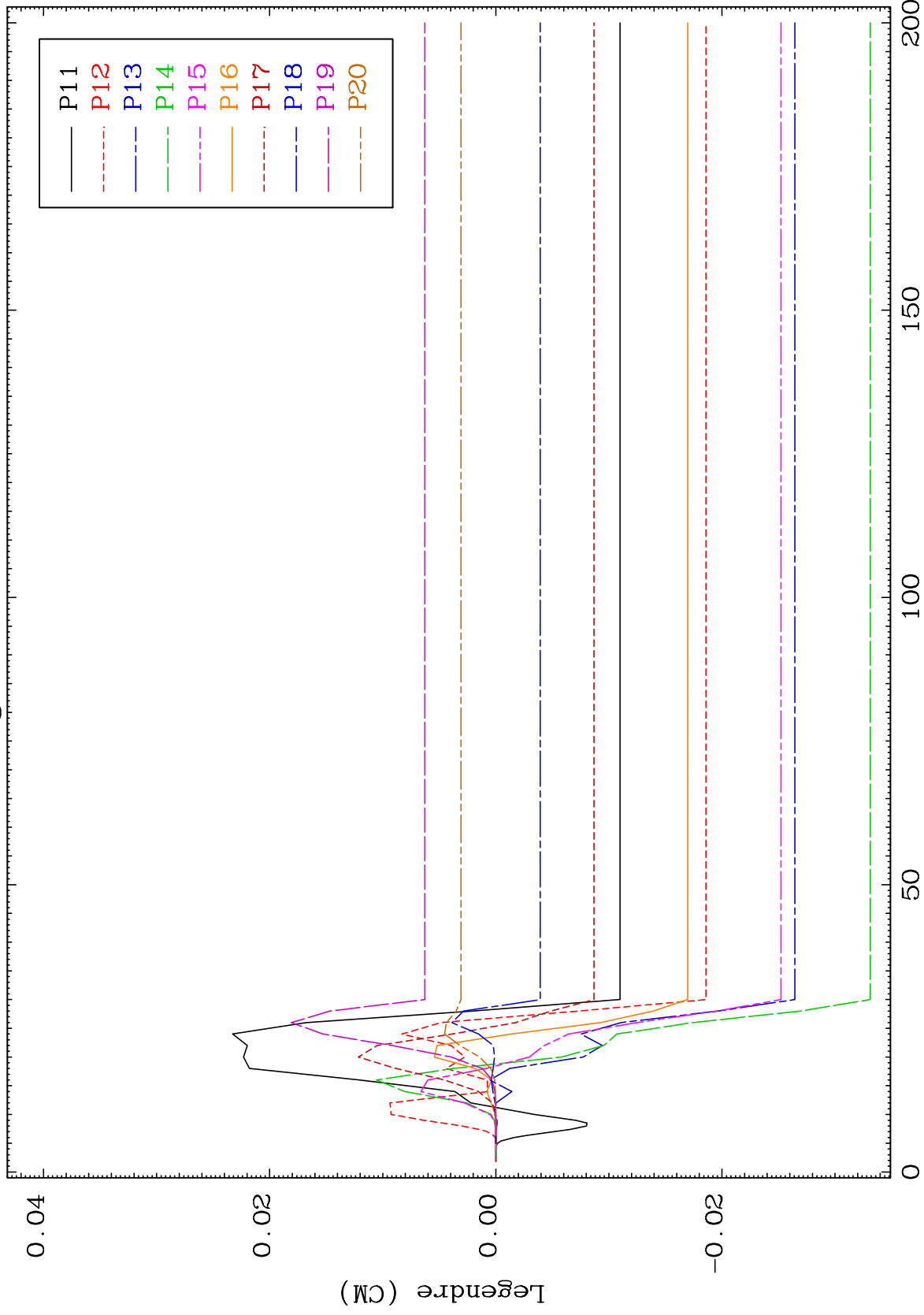




MAT 8543

1.411 MeV (n,n') Level  
Legendre Coefficients

85-At-209



89

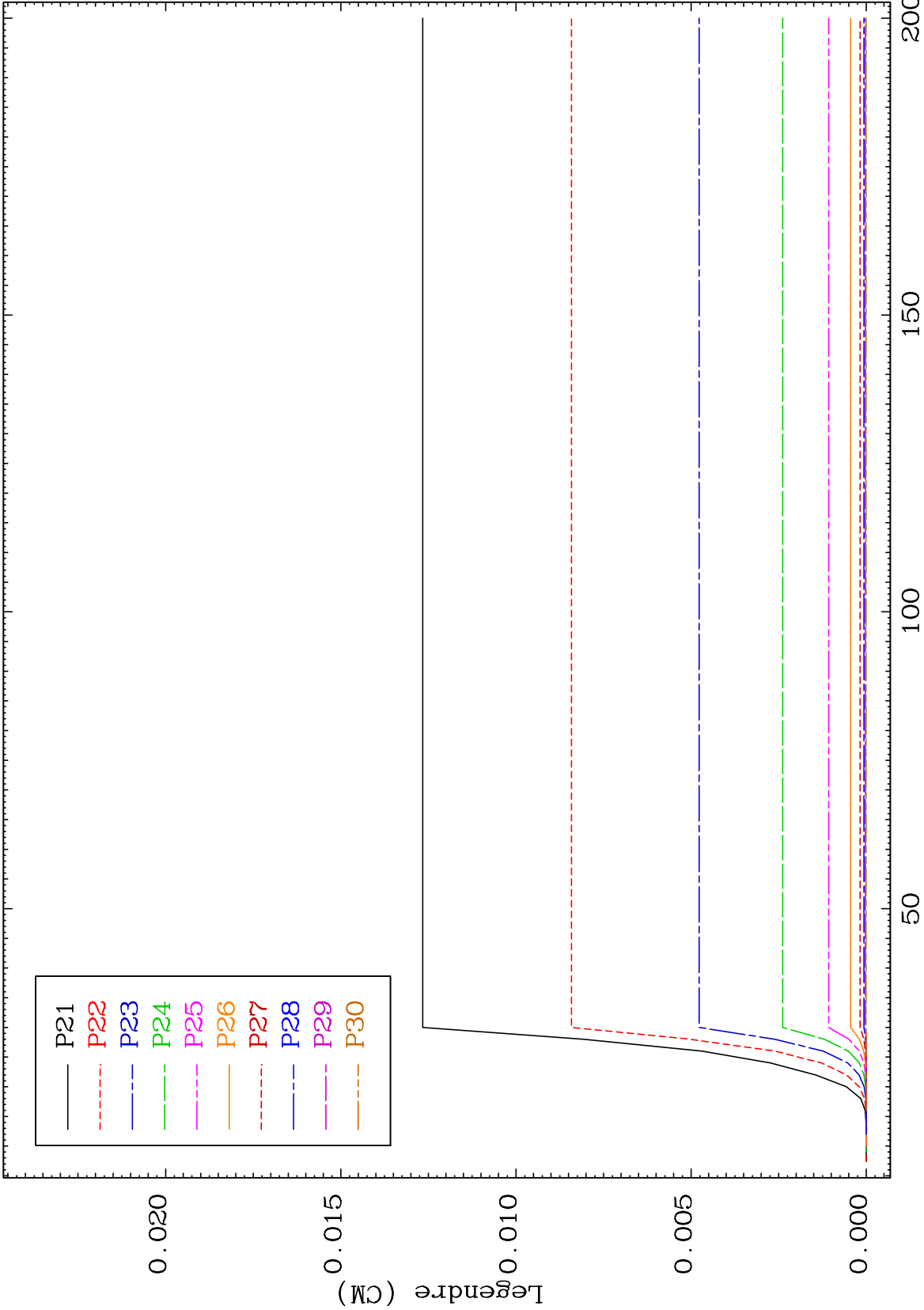
Incident Energy (MeV)

85-At-209

MAT 8543

1.411 MeV (n,n') Level  
Legendre Coefficients

85-At-209



90

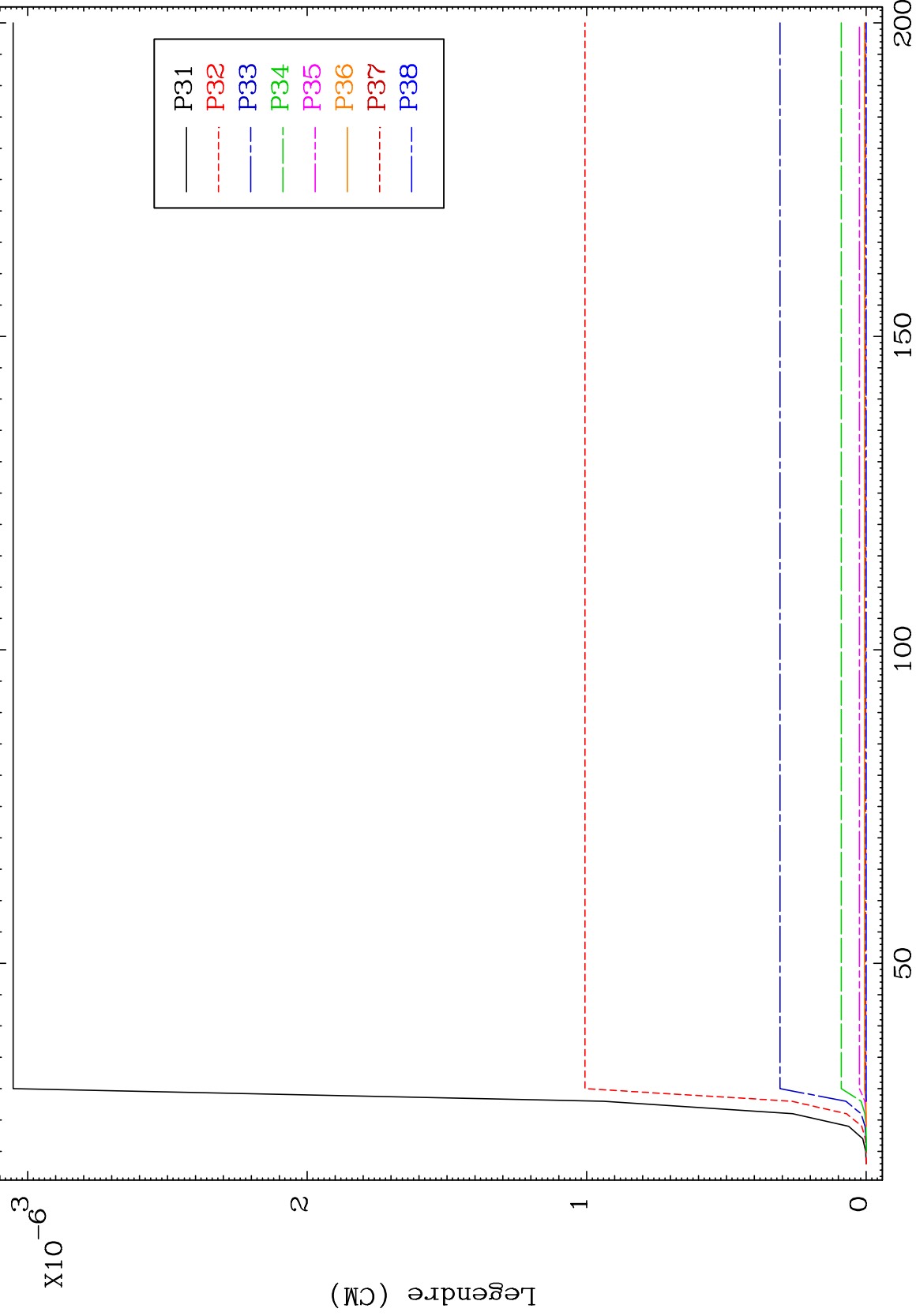
Incident Energy (MeV)

85-At-209

MAT 8543

1.411 MeV (n,n') Level  
Legendre Coefficients

85-At-209



91

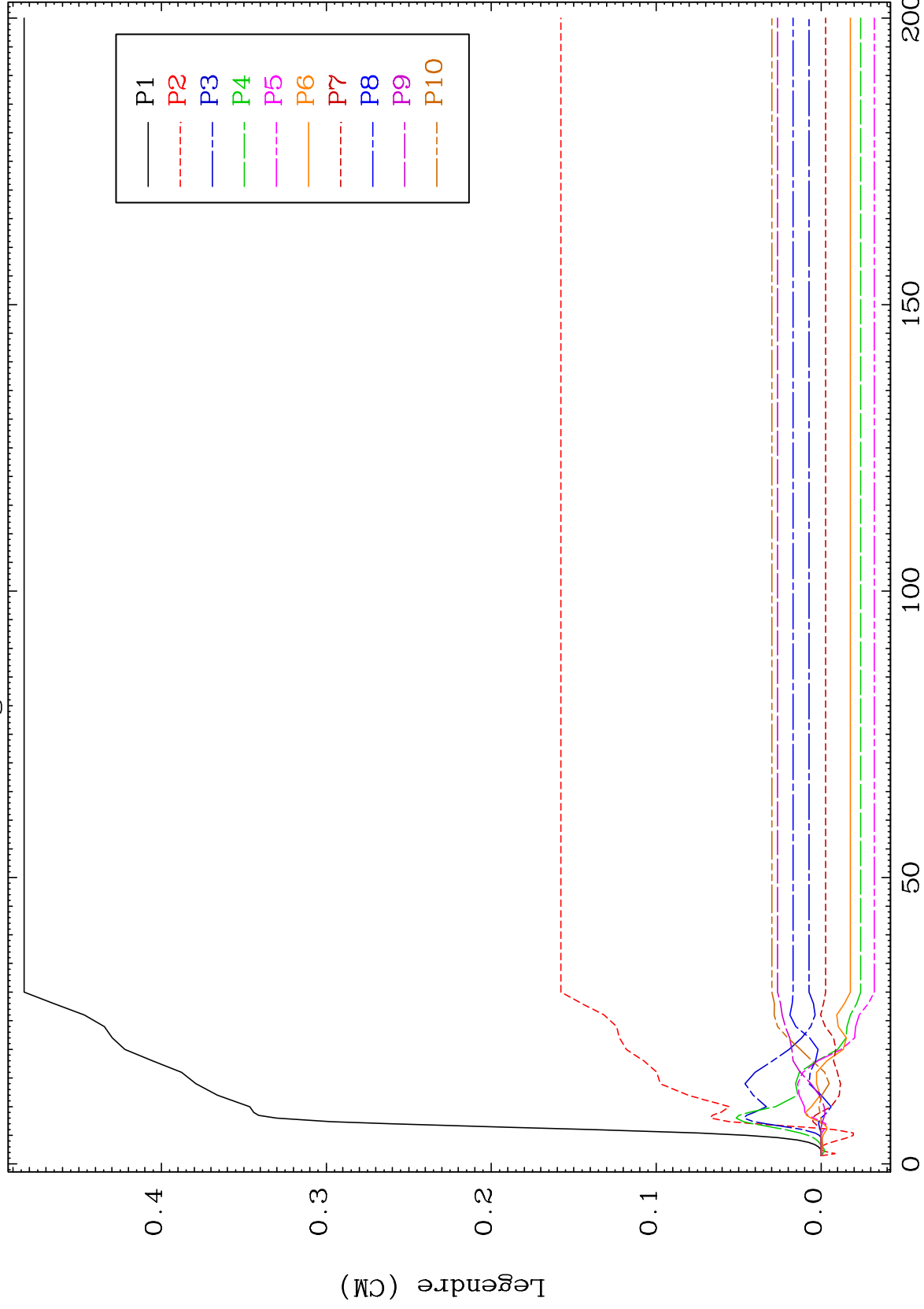
Incident Energy (MeV)

85-At-209

MAT 8543

1.428 MeV (n,n') Level  
Legendre Coefficients

85-At-209



92

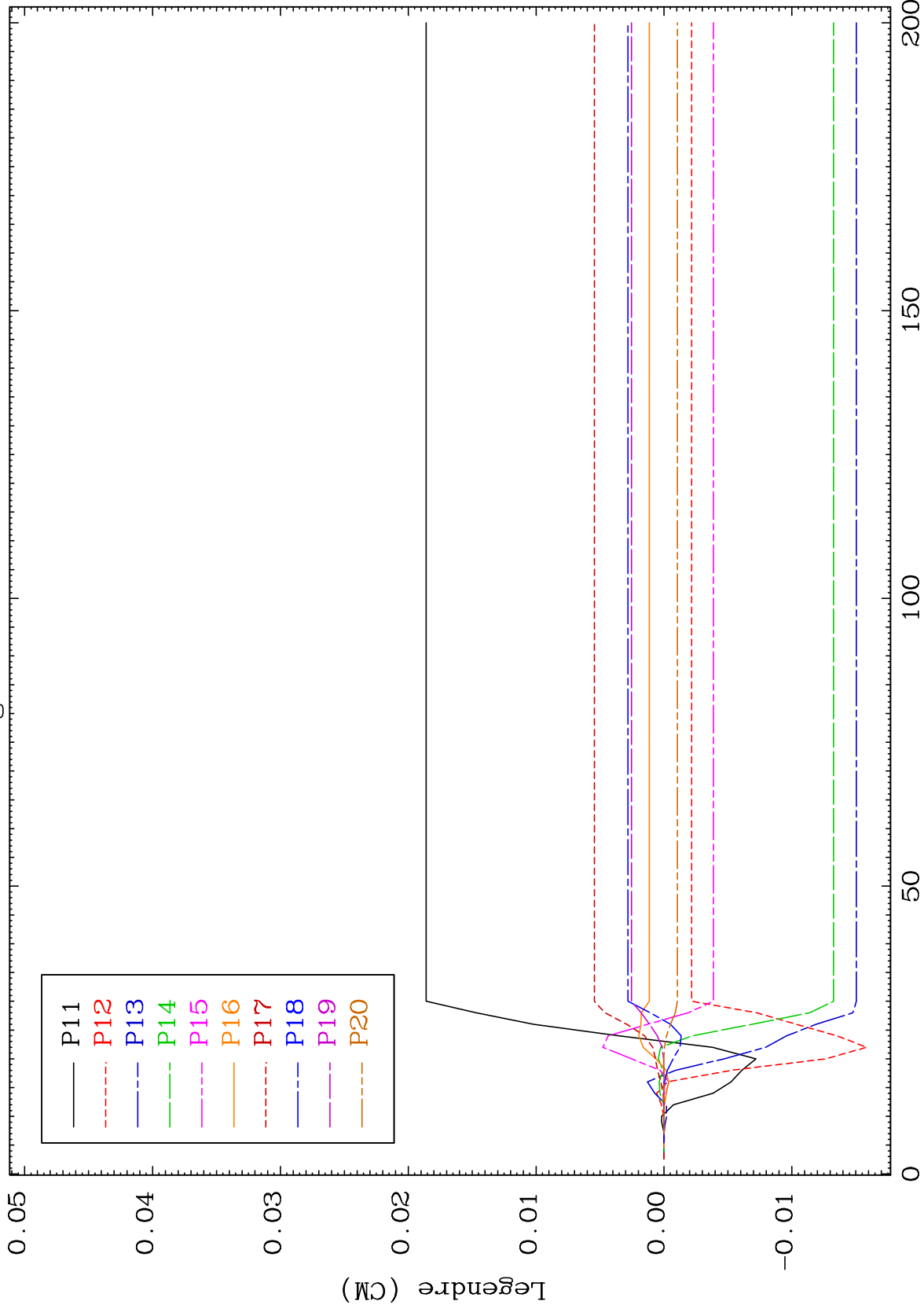
Incident Energy (MeV)

85-At-209

MAT 8543

1.428 MeV (n,n') Level  
Legendre Coefficients

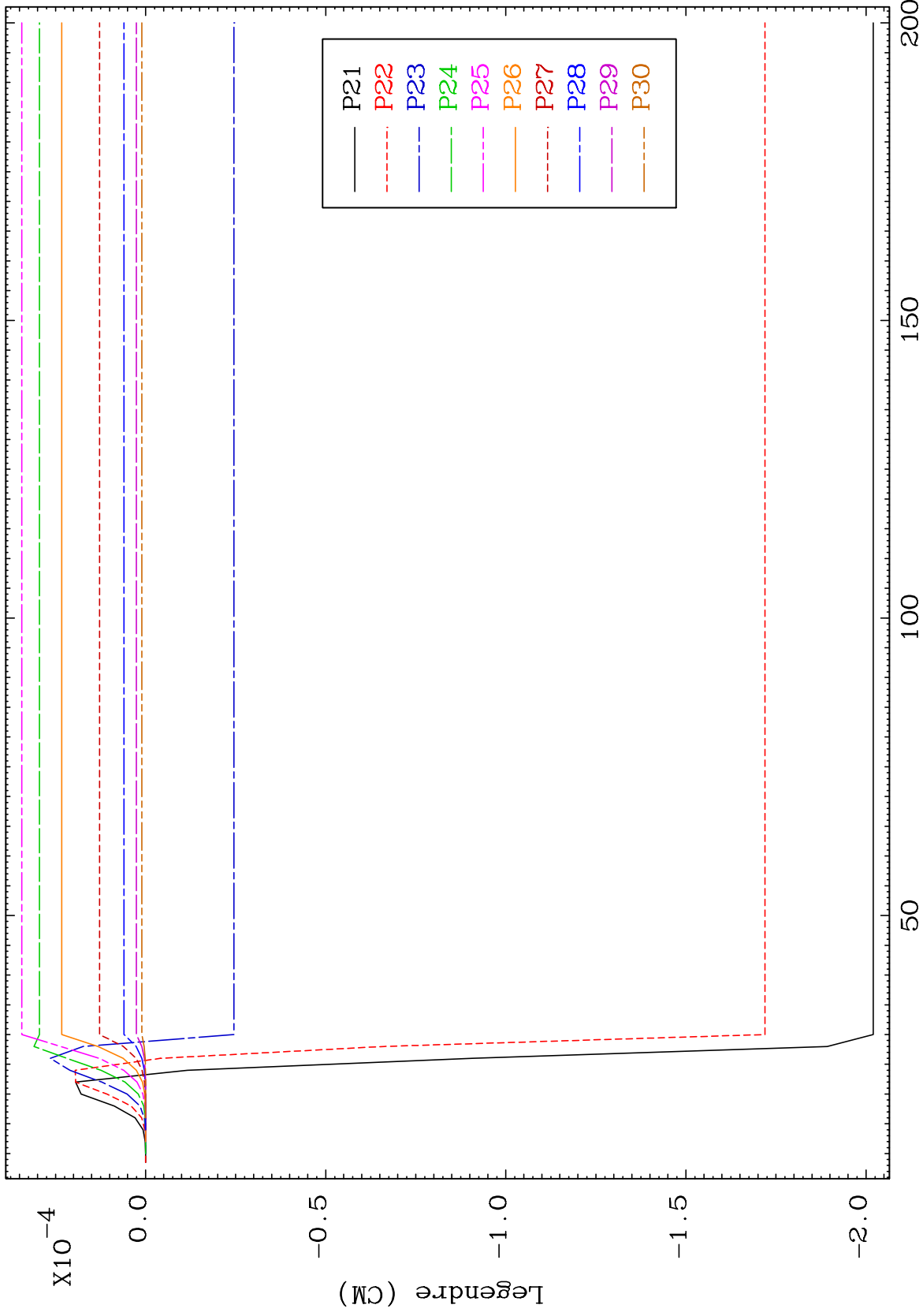
85-At-209



93

Incident Energy (MeV)

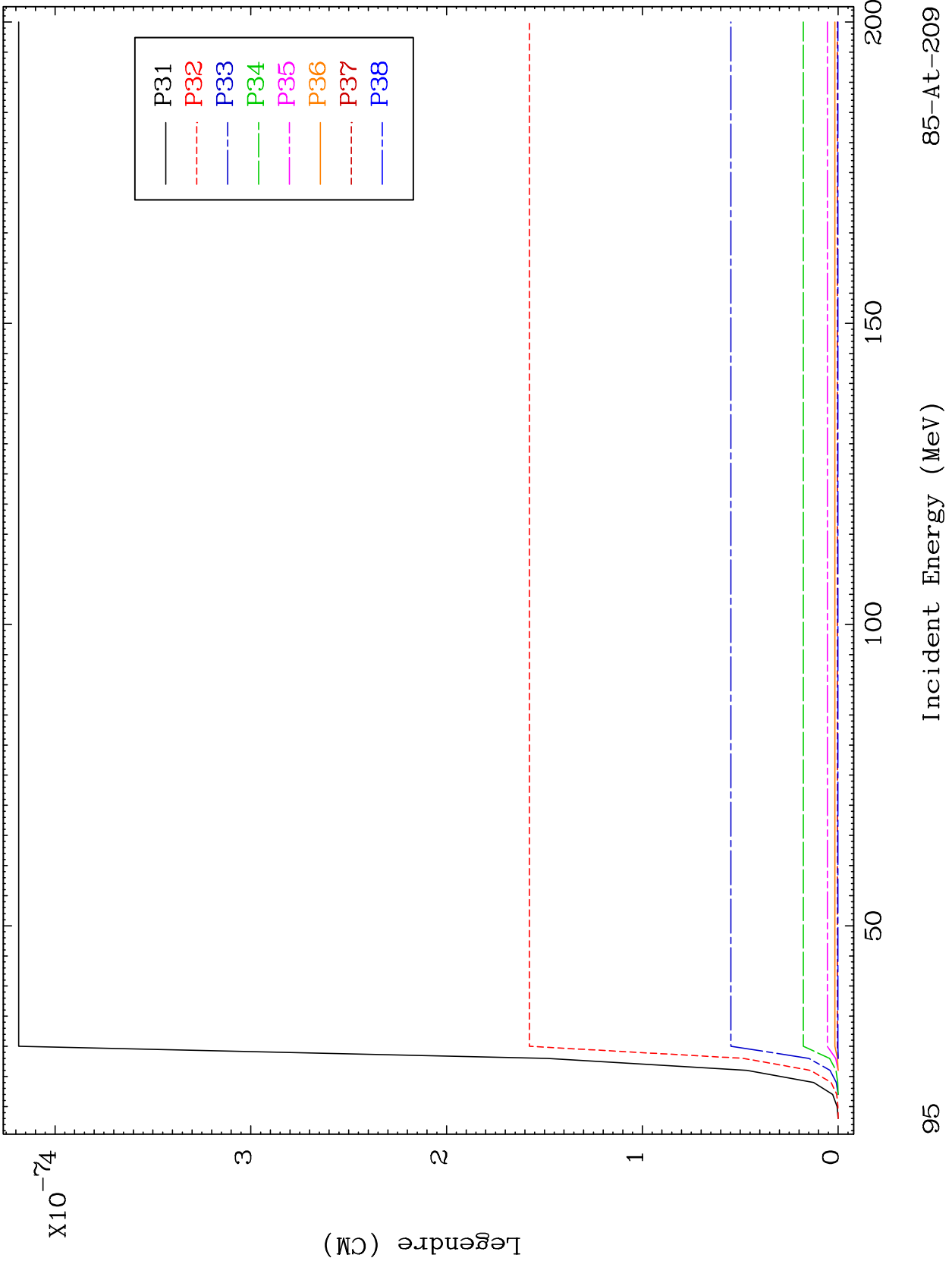
85-At-209



MAT 8543

1.428 MeV (n,n') Level  
Legendre Coefficients

85-At-209



95

Incident Energy (MeV)

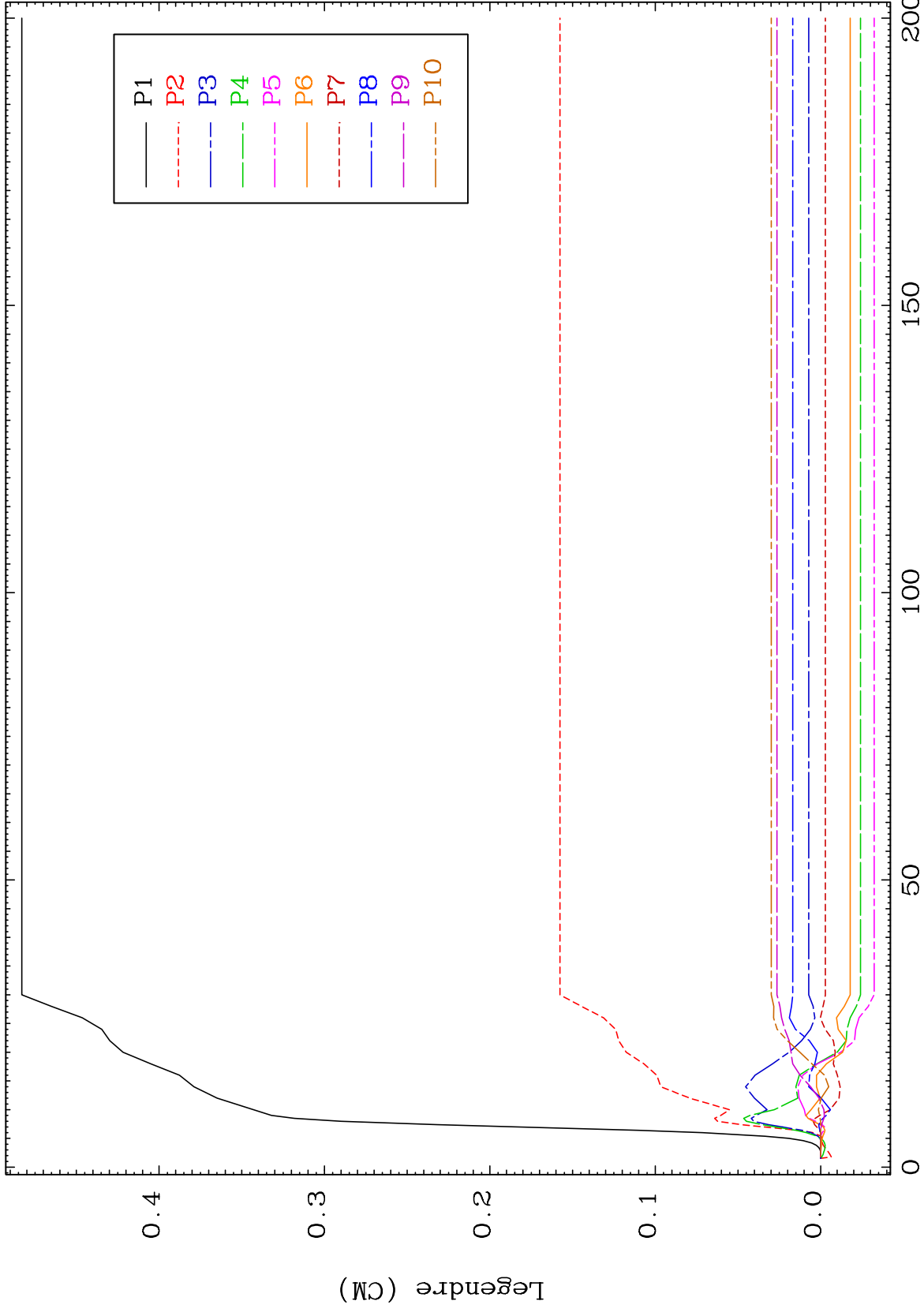
85-At-209



MAT 8543

1.517 MeV (n,n') Level  
Legendre Coefficients

85-At-209



96

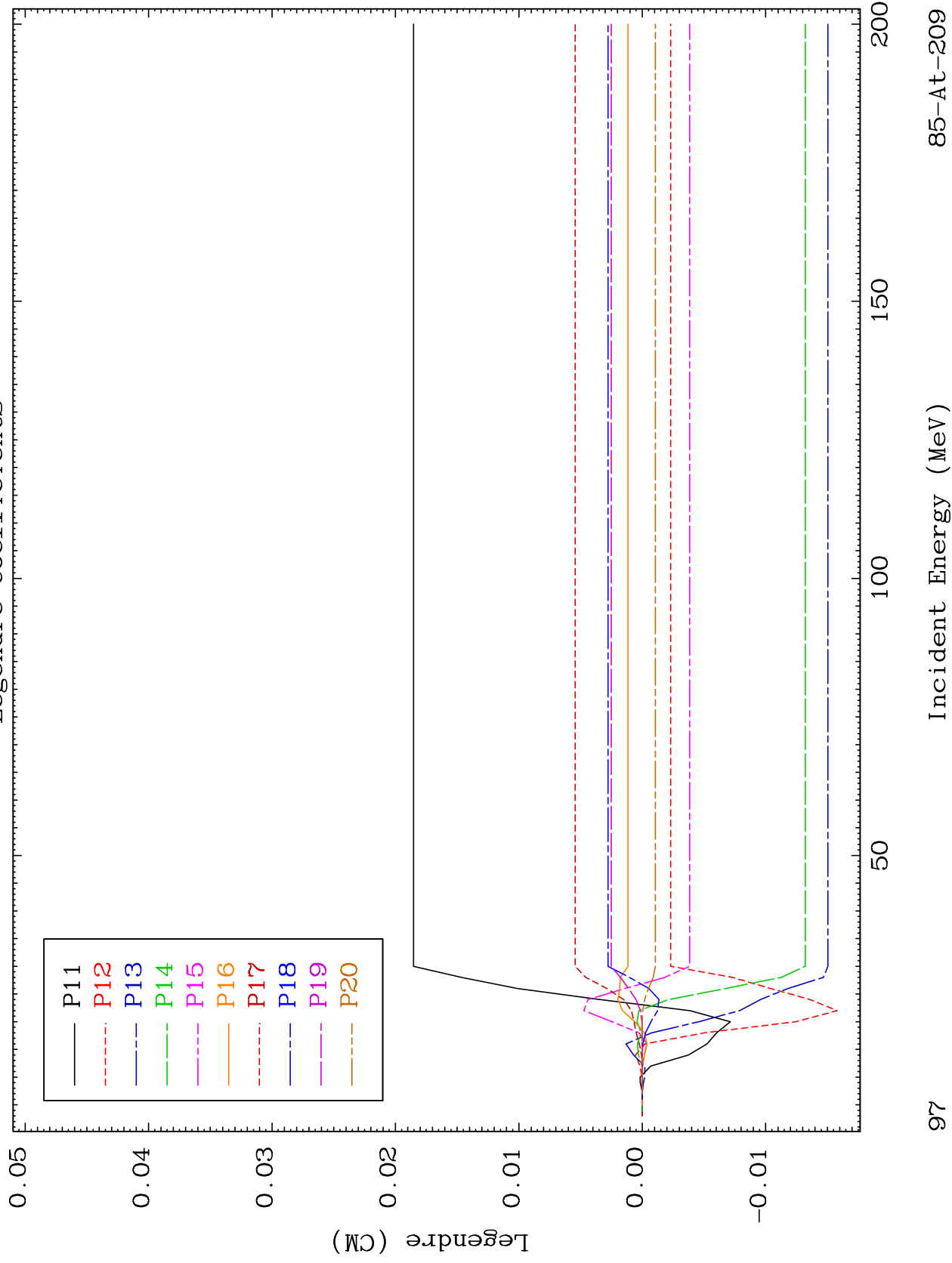
Incident Energy (MeV)

85-At-209

MAT 8543

1.517 MeV (n,n') Level  
Legendre Coefficients

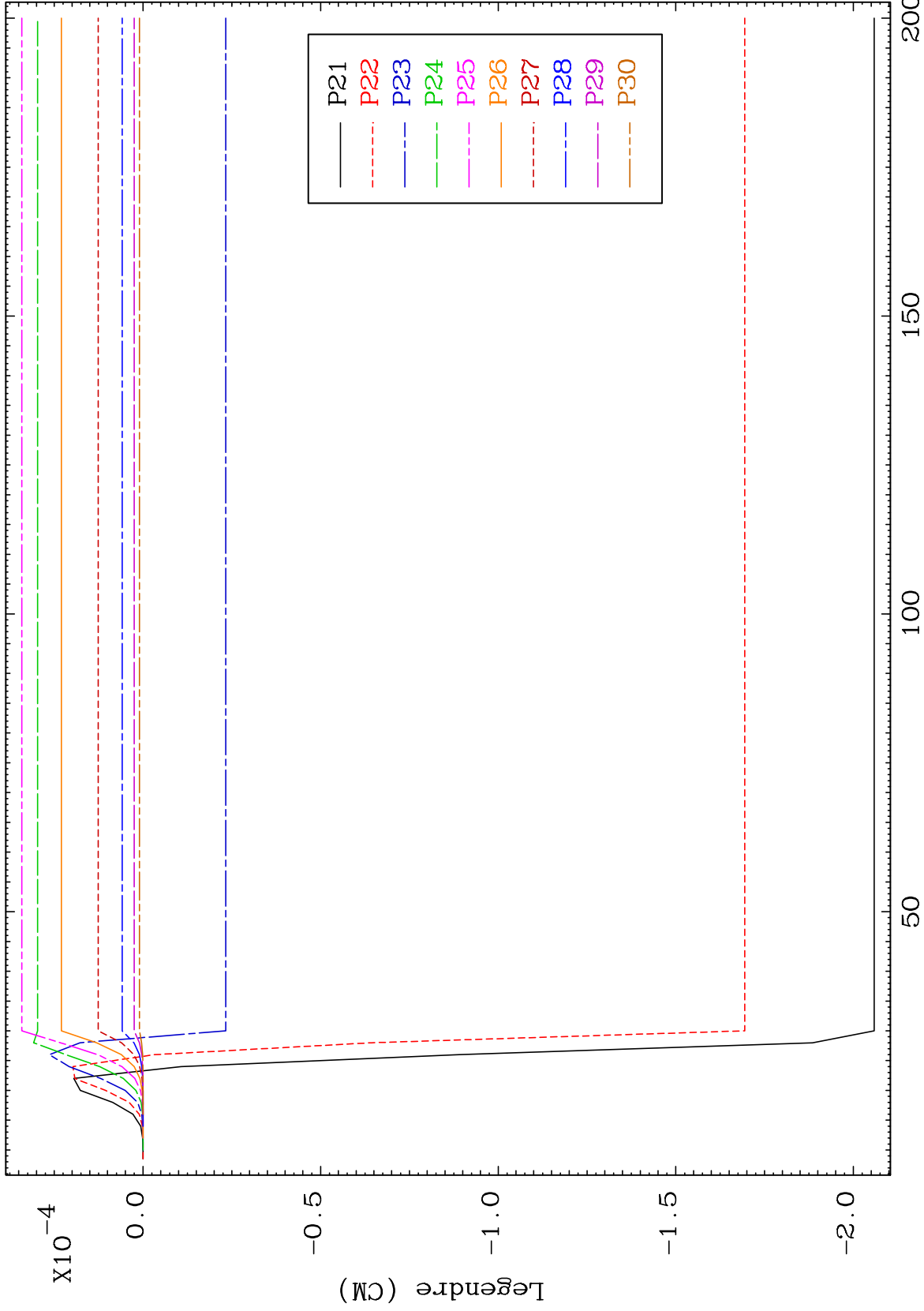
85-At-209



97

Incident Energy (MeV)

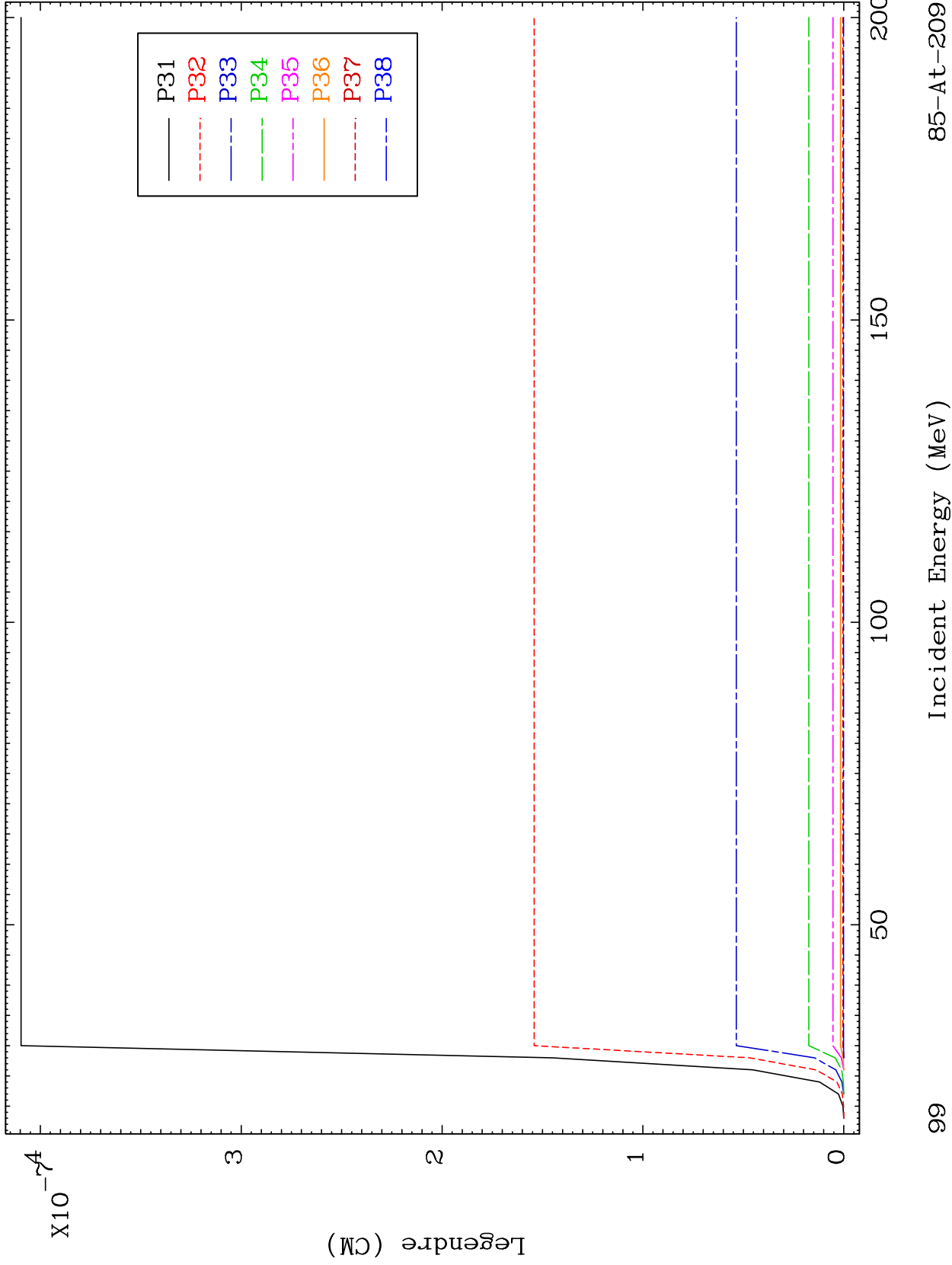
85-At-209



MAT 8543

1.517 MeV (n,n') Level  
Legendre Coefficients

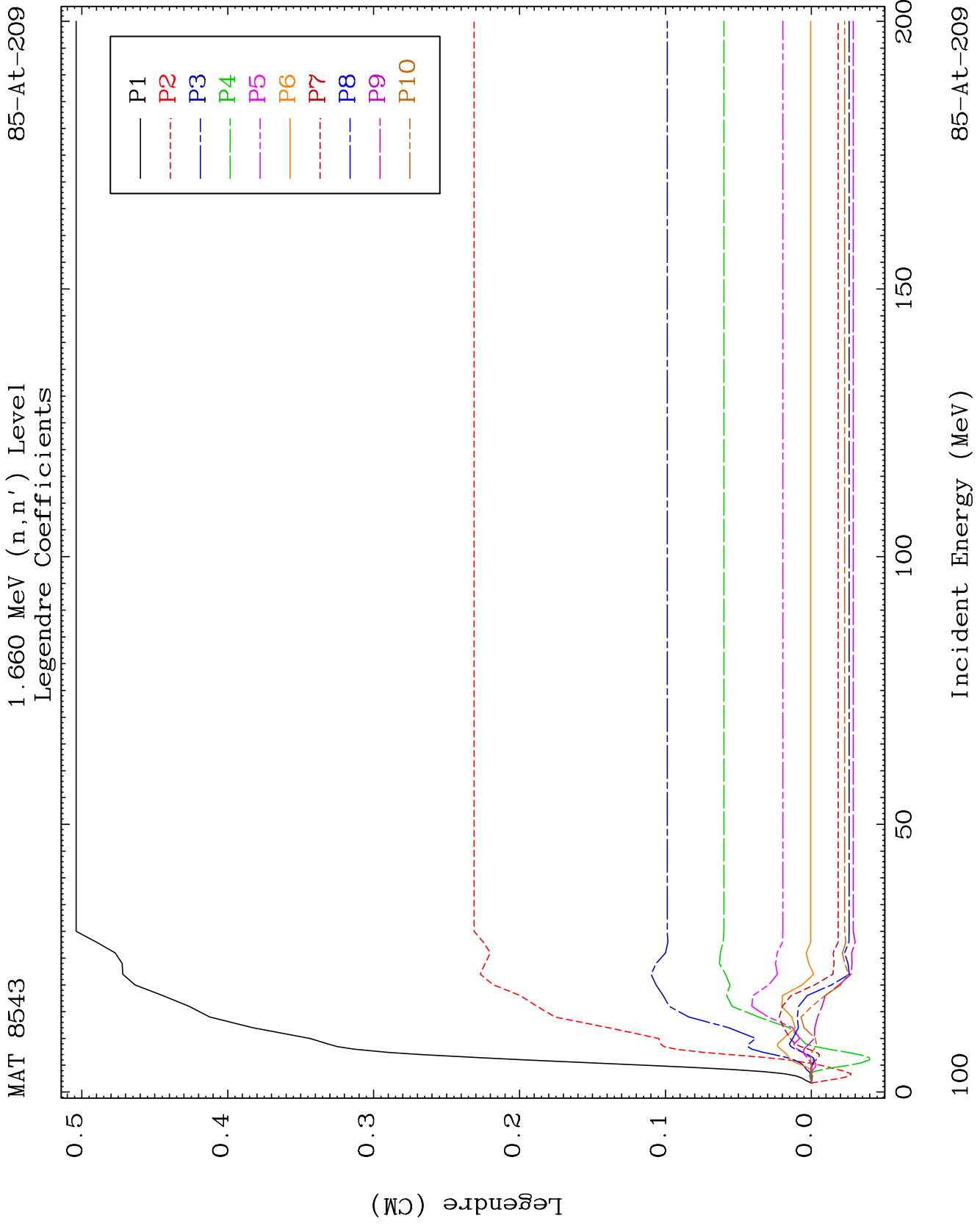
85-At-209



99

Incident Energy (MeV)

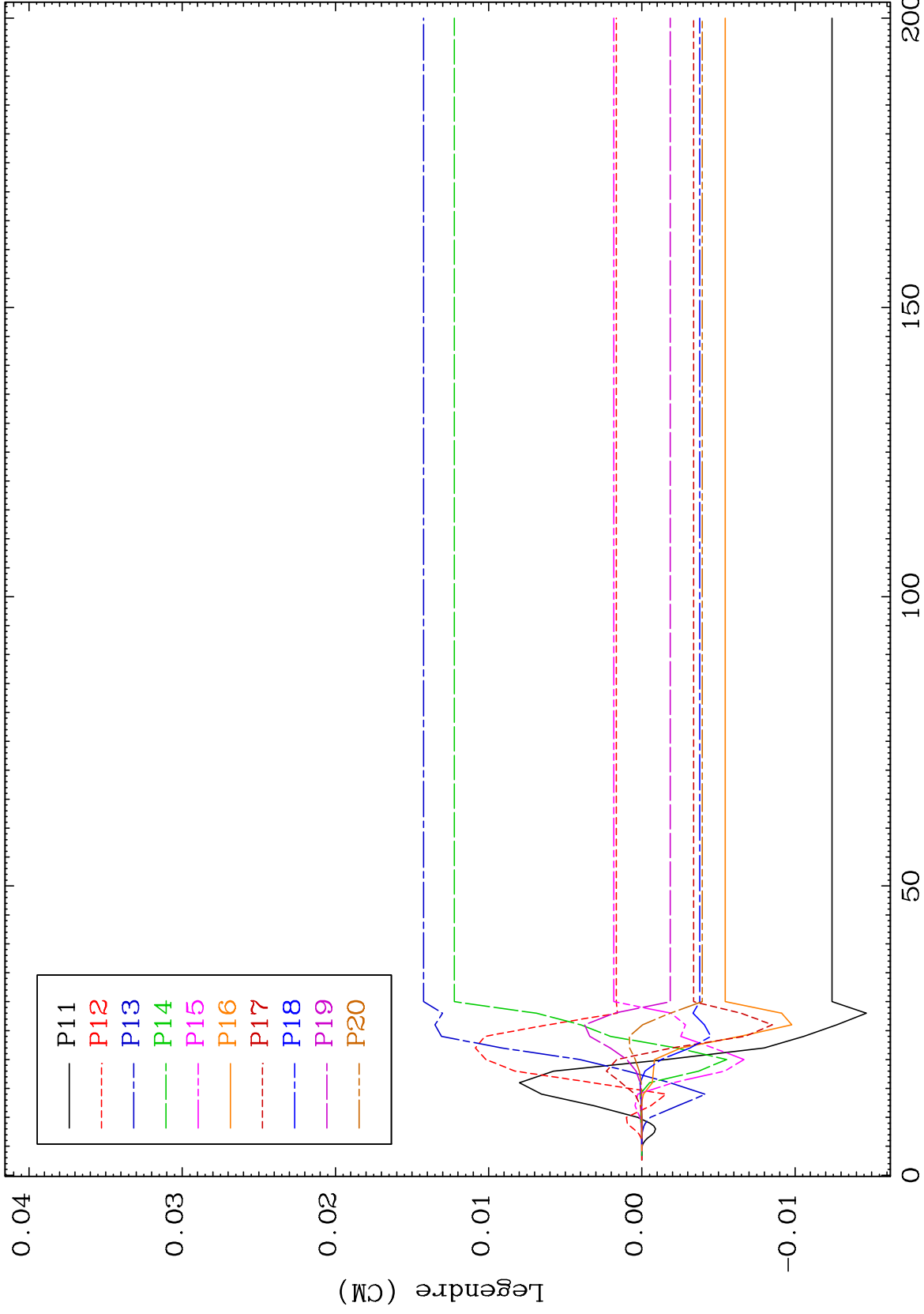
85-At-209



MAT 8543

1.660 MeV (n,n') Level  
Legendre Coefficients

85-At-209



85-At-209

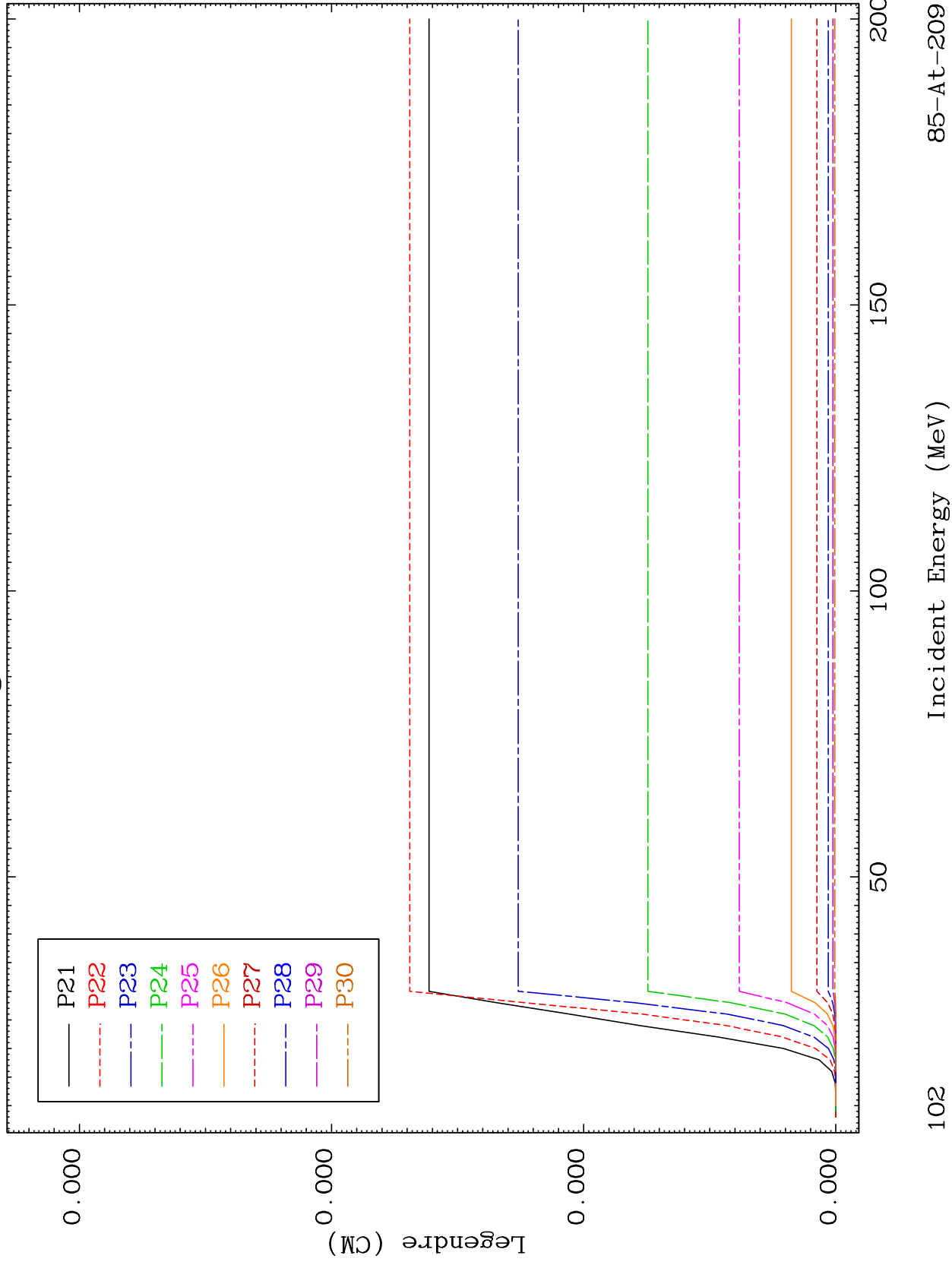
Incident Energy (MeV)

101

MAT 8543

1.660 MeV (n,n') Level  
Legendre Coefficients

85-At-209



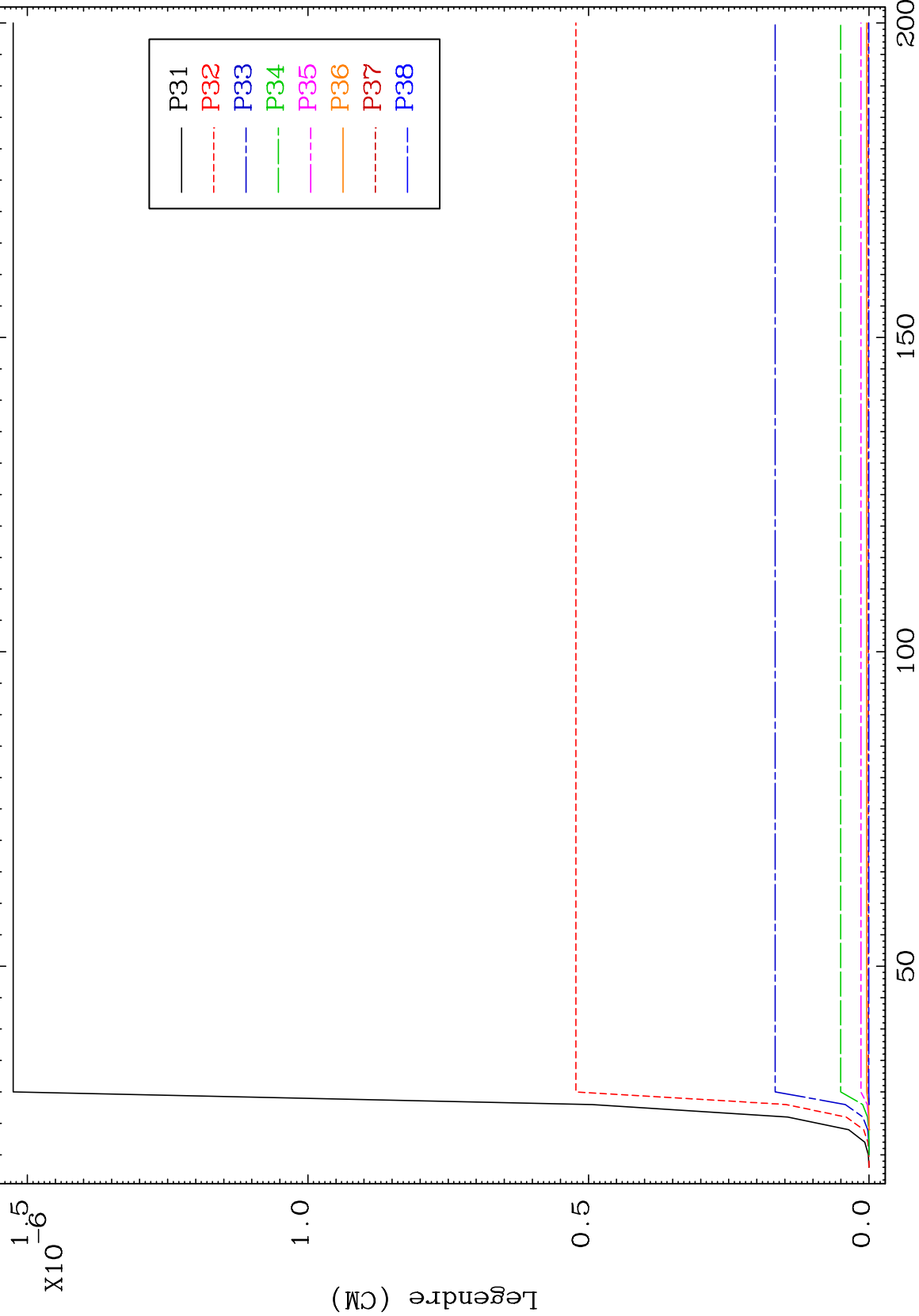
102

85-At-209

MAT 8543

1.660 MeV (n,n') Level  
Legendre Coefficients

85-At-209

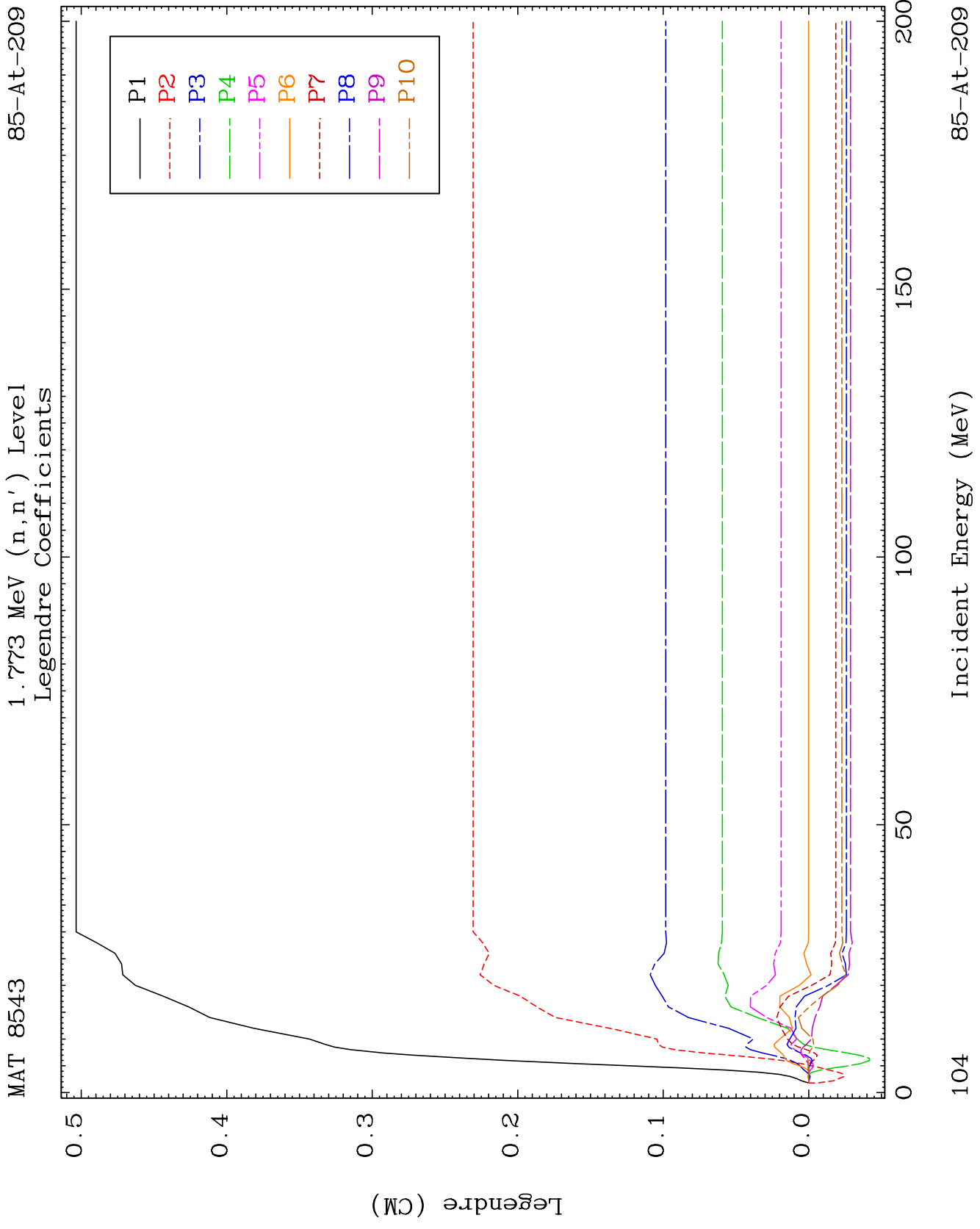


103

Incident Energy (MeV)

85-At-209

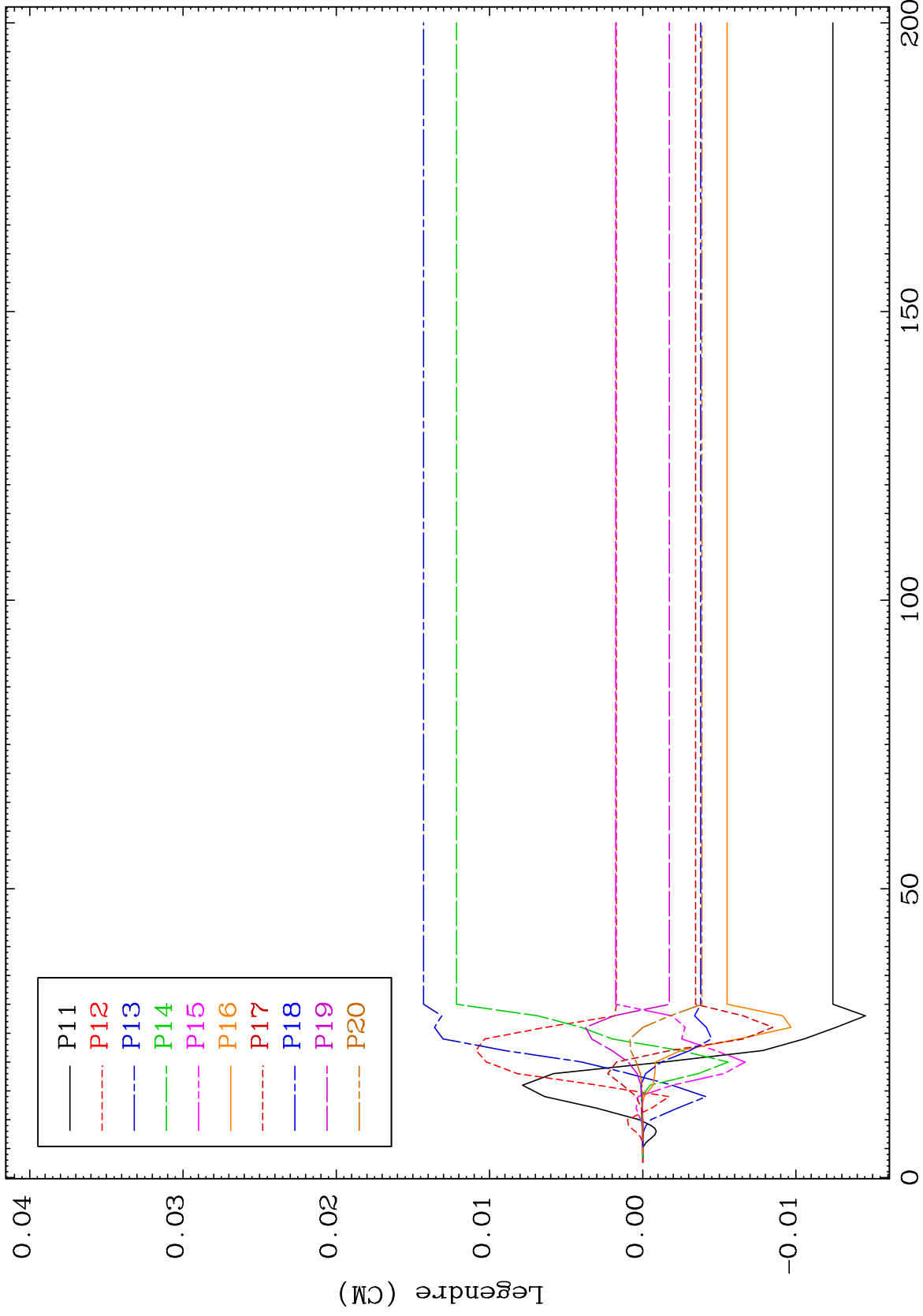




MAT 8543

1.773 MeV (n,n') Level  
Legendre Coefficients

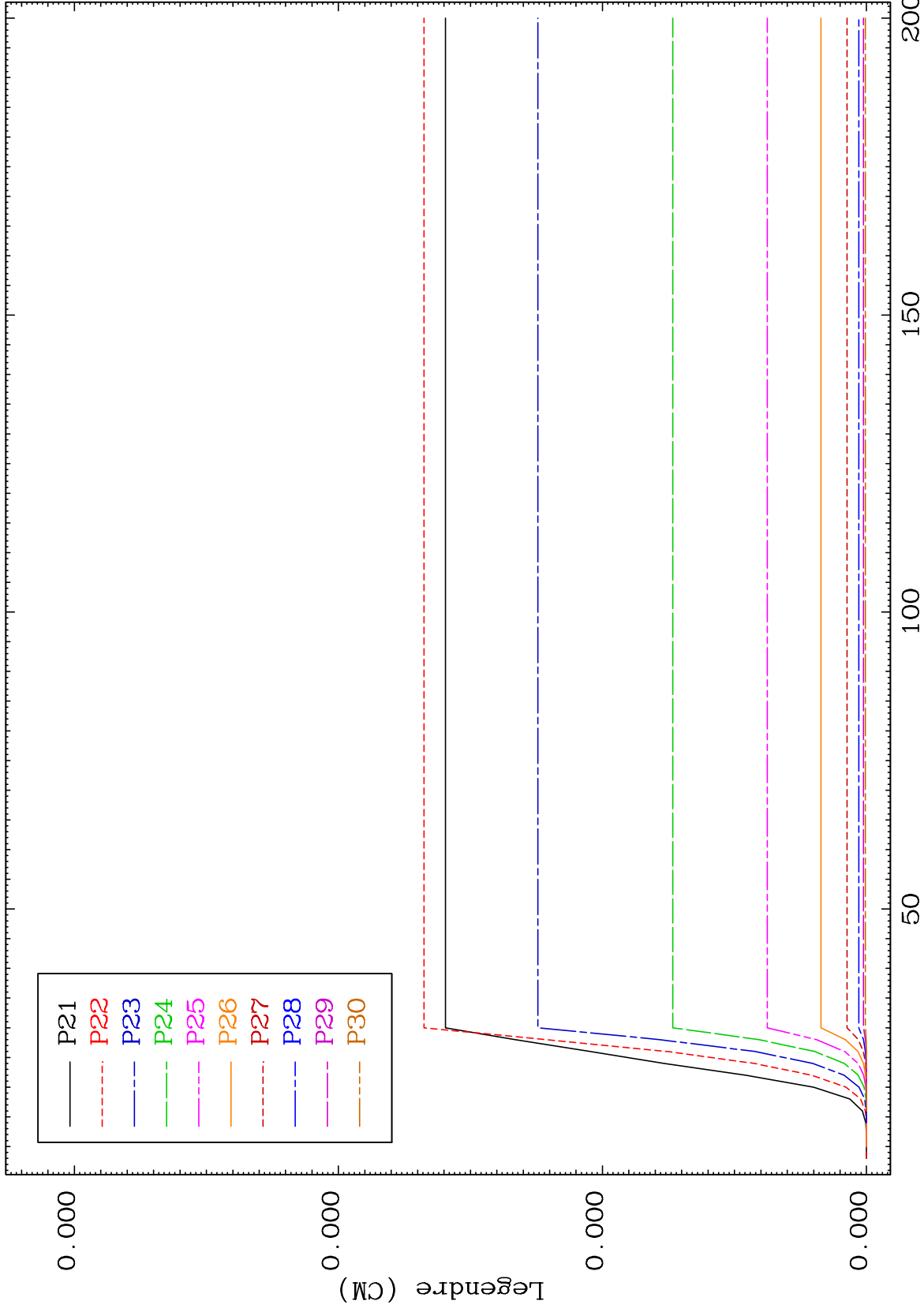
85-At-209

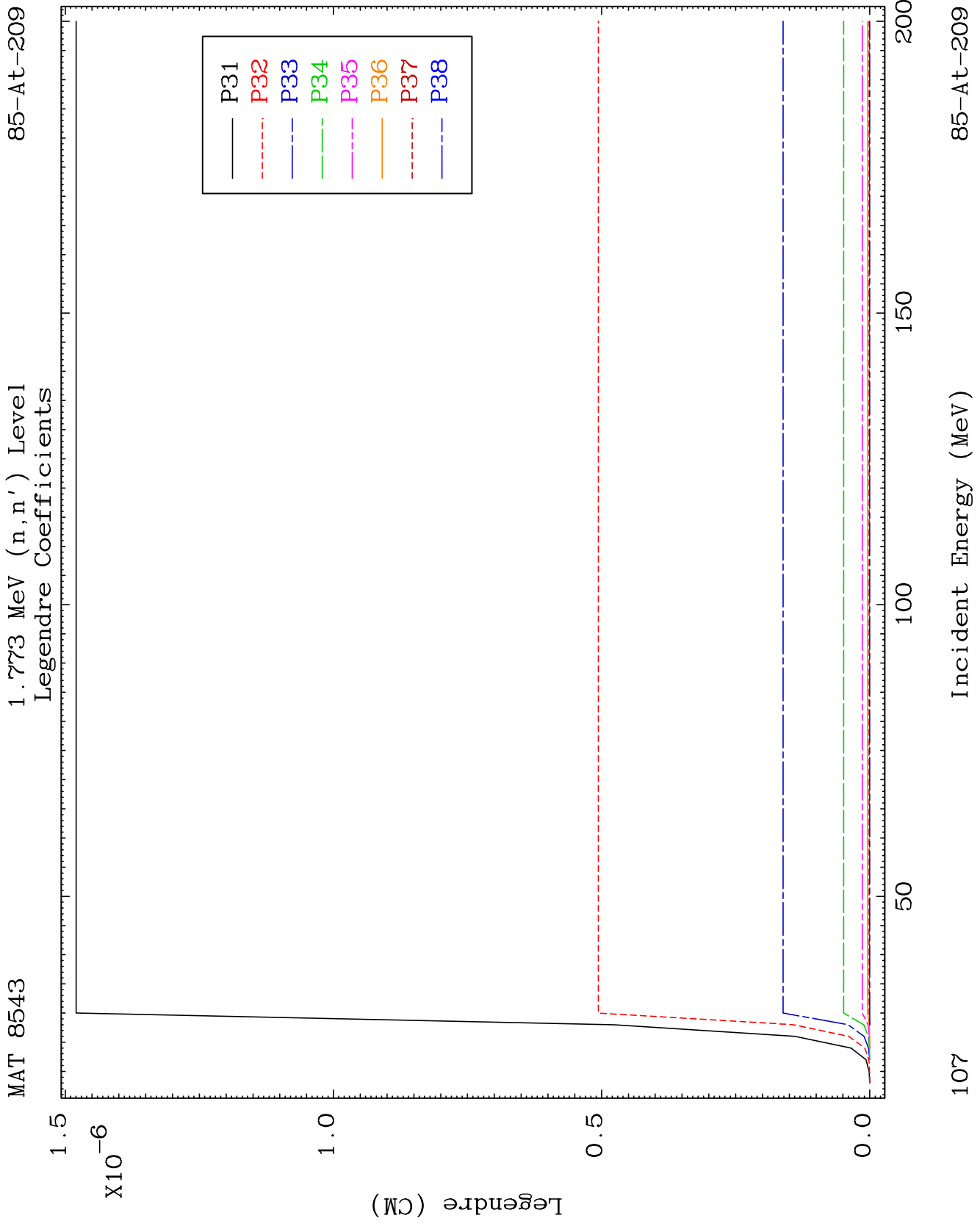


105

Incident Energy (MeV)

85-At-209

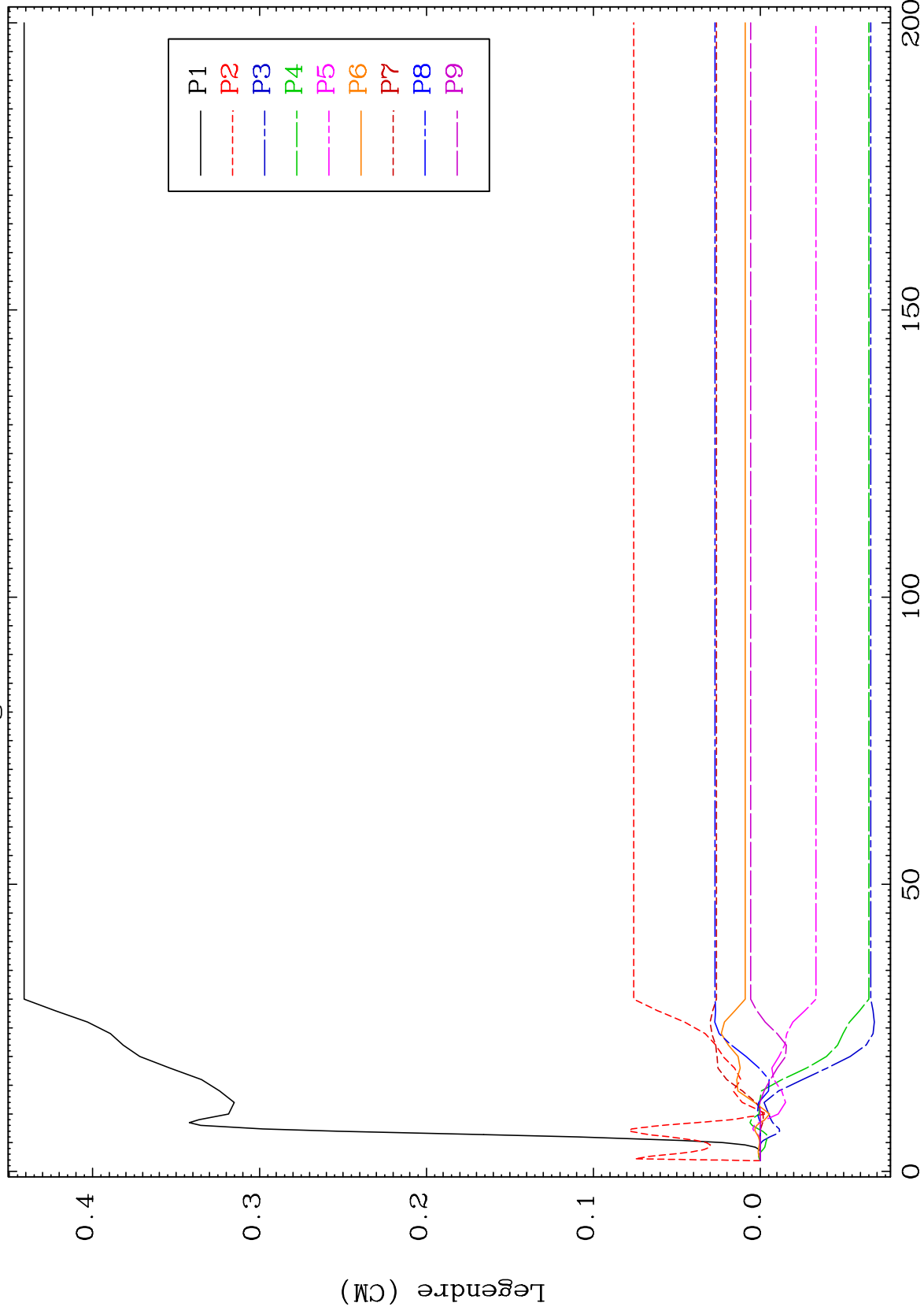




MAT 8543

1.852 MeV (n, n') Level  
Legendre Coefficients

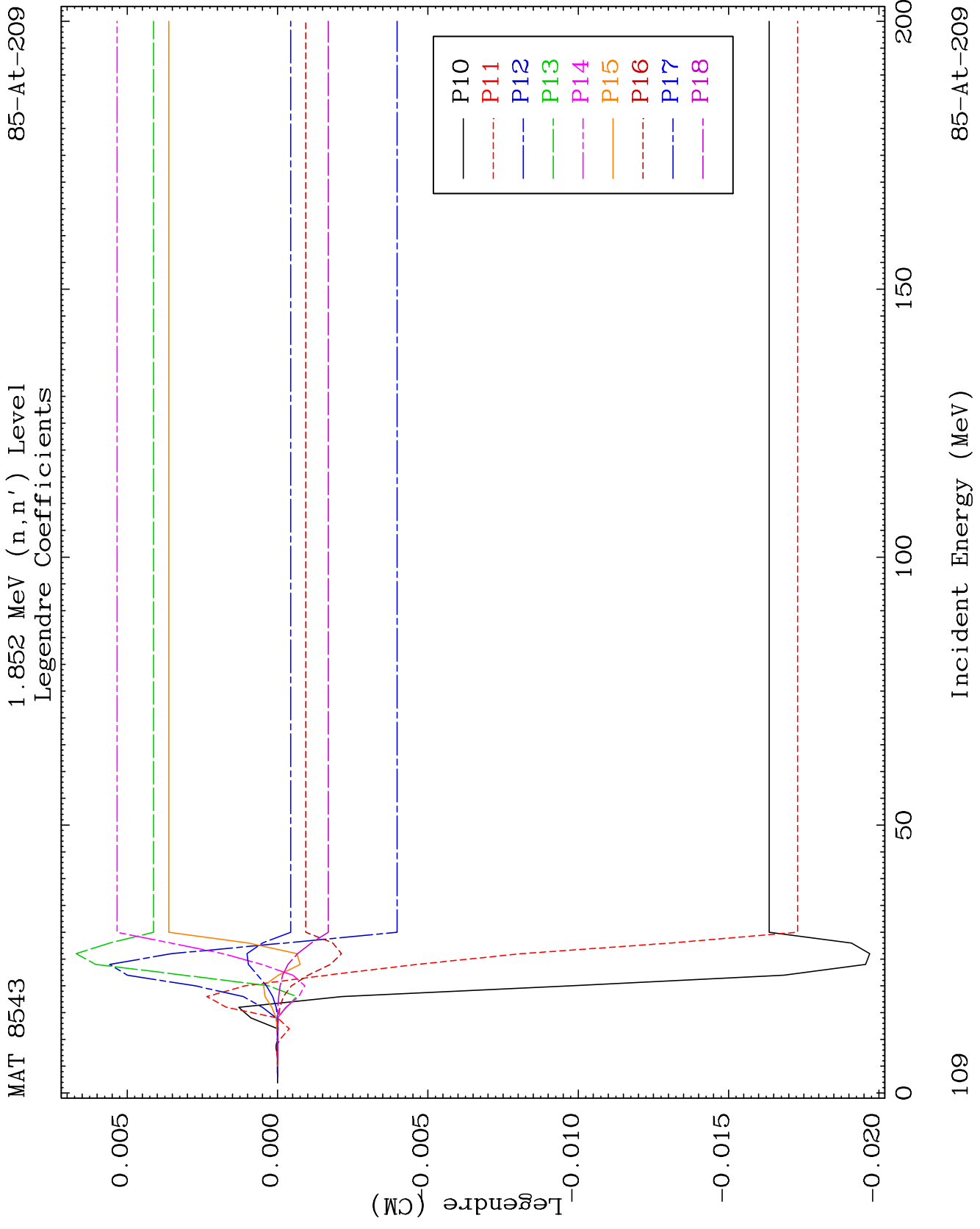
85-At-209



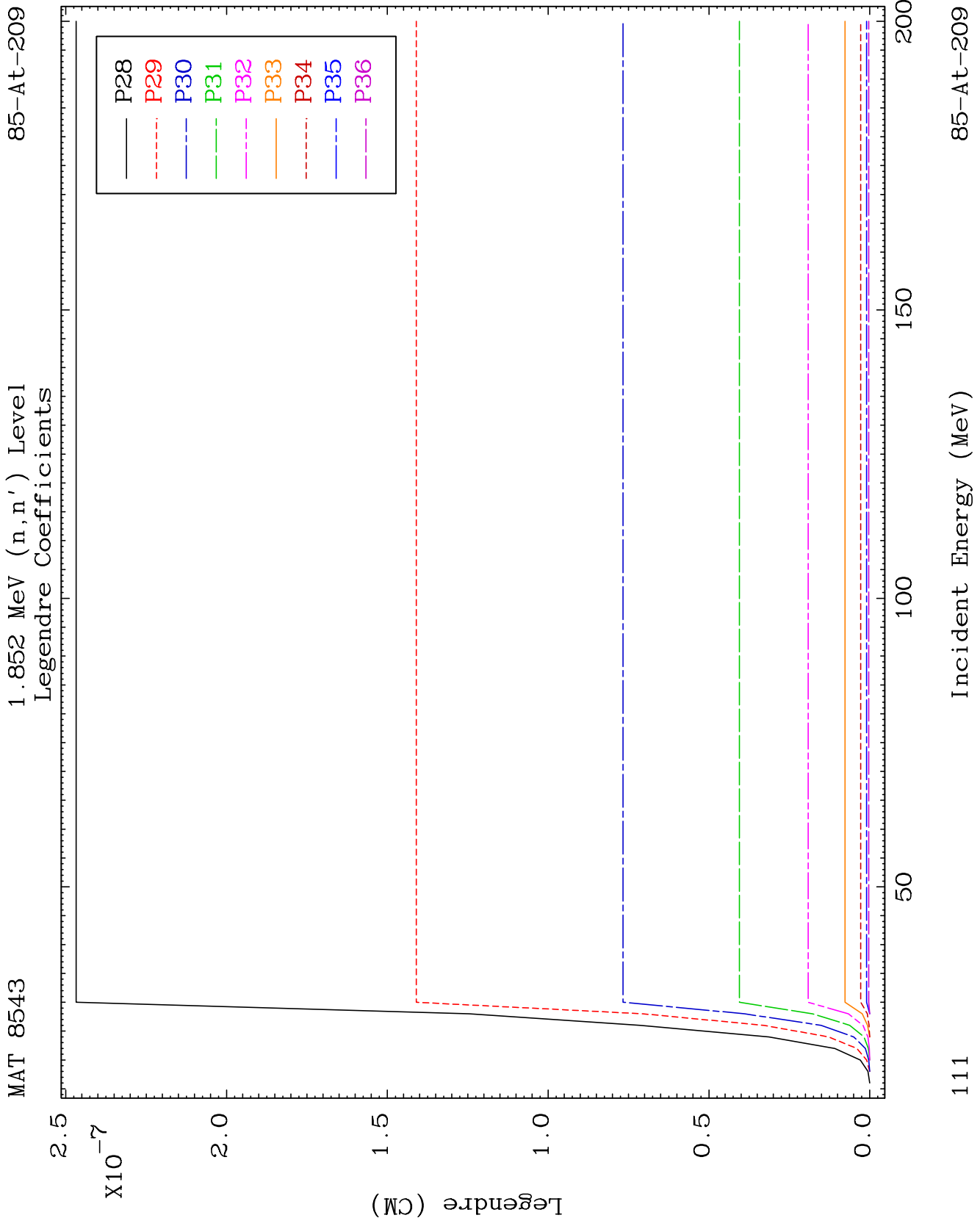
108

Incident Energy (MeV)

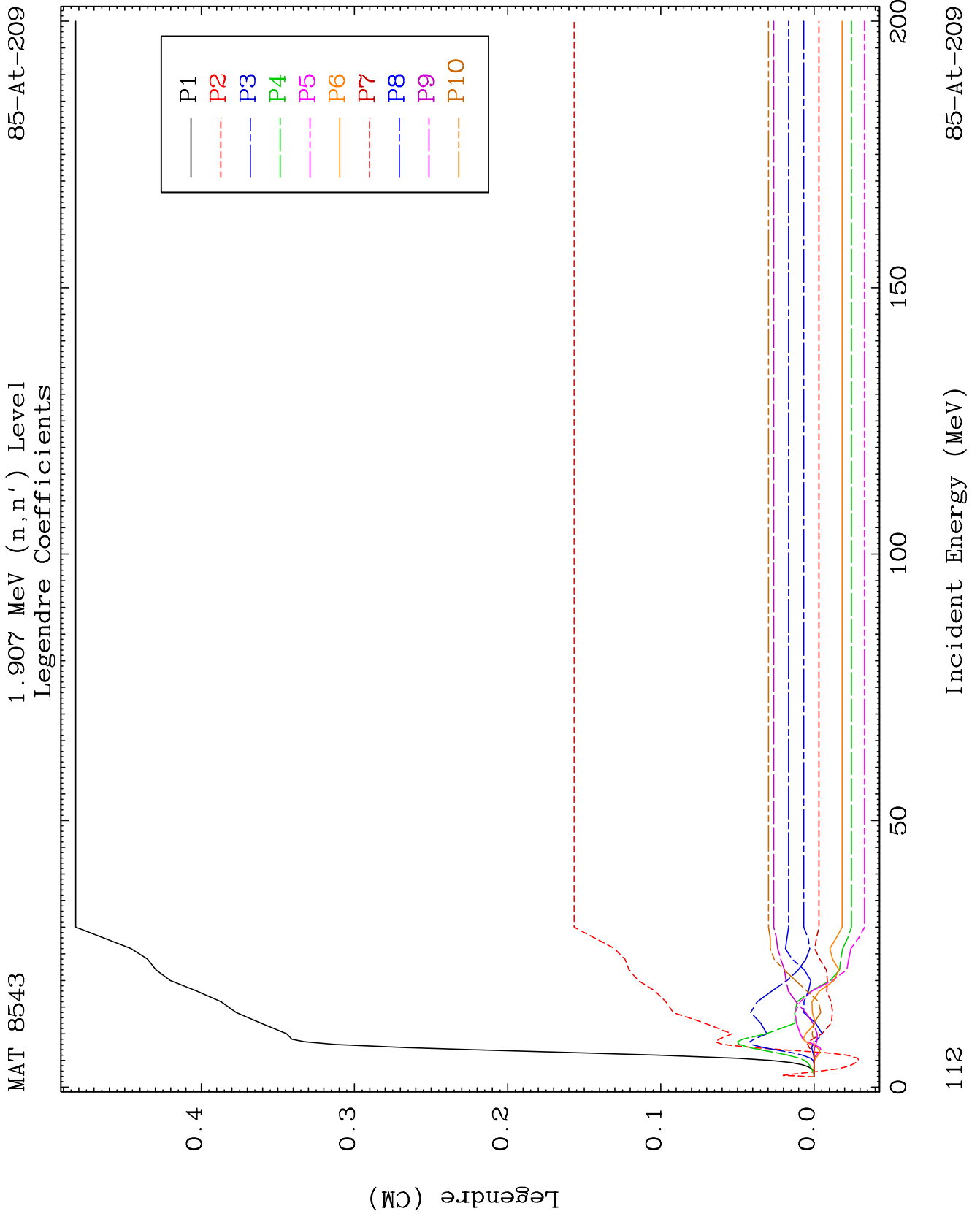
85-At-209







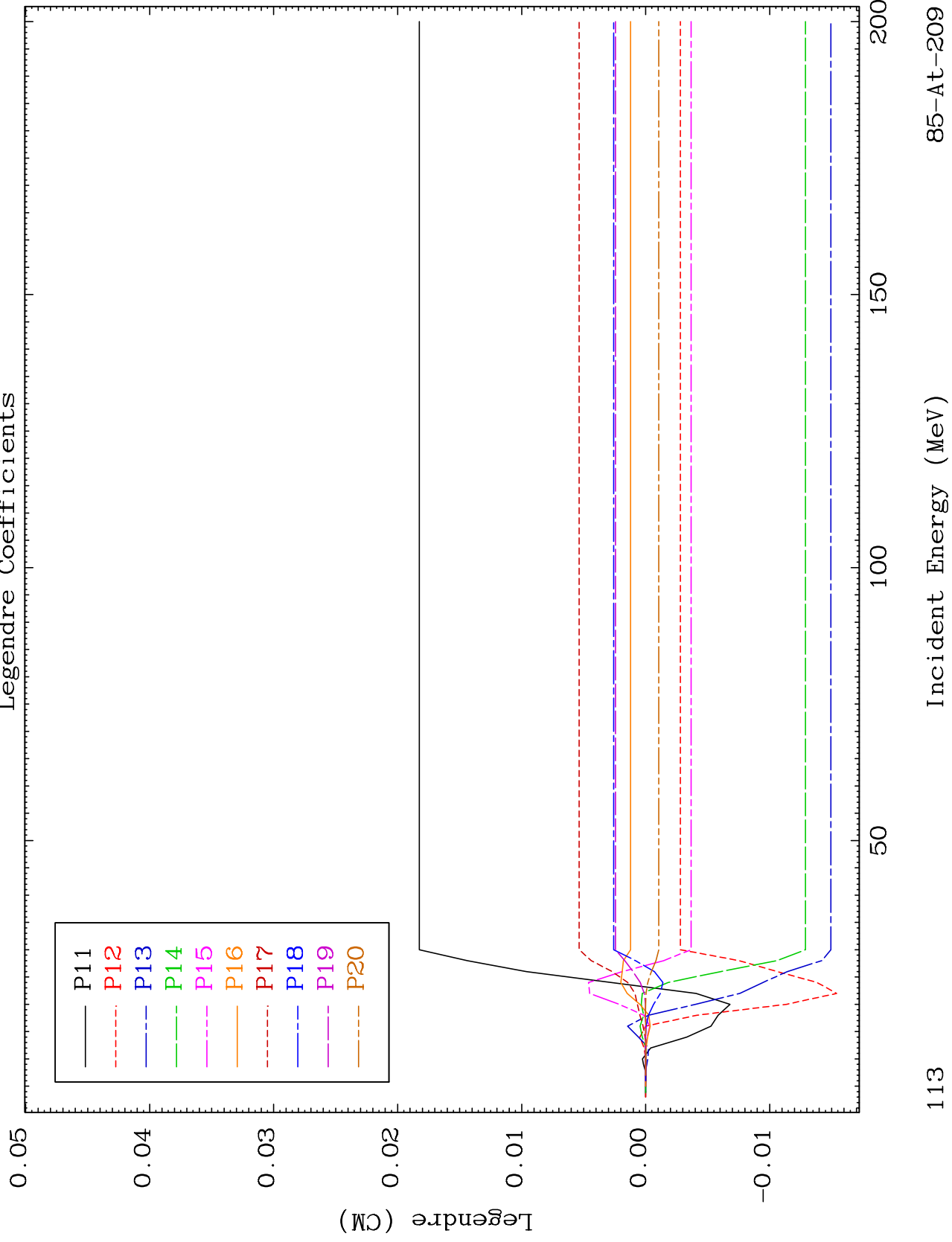




MAT 8543

1.907 MeV (n,n') Level  
Legendre Coefficients

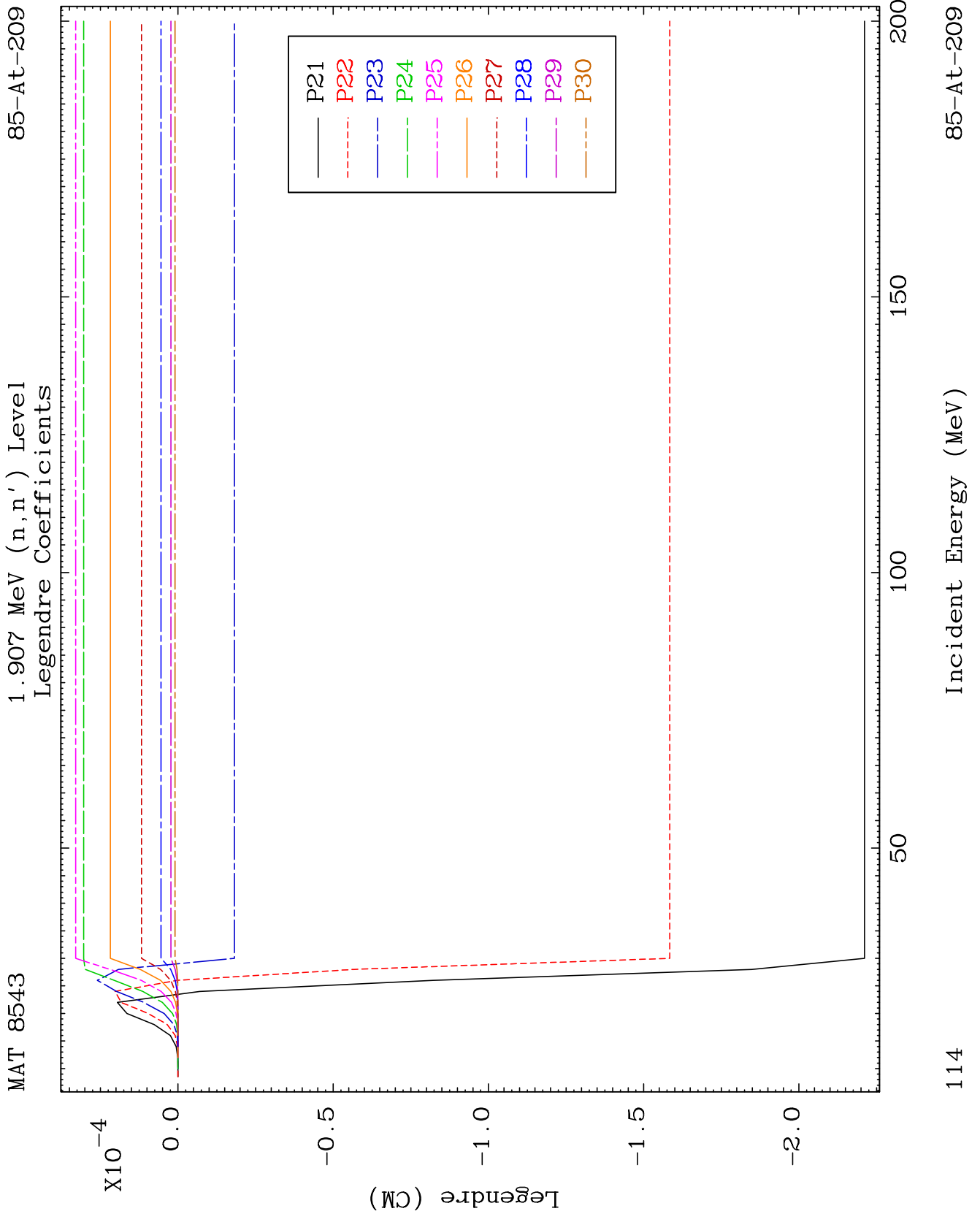
85-At-209



113

Incident Energy (MeV)

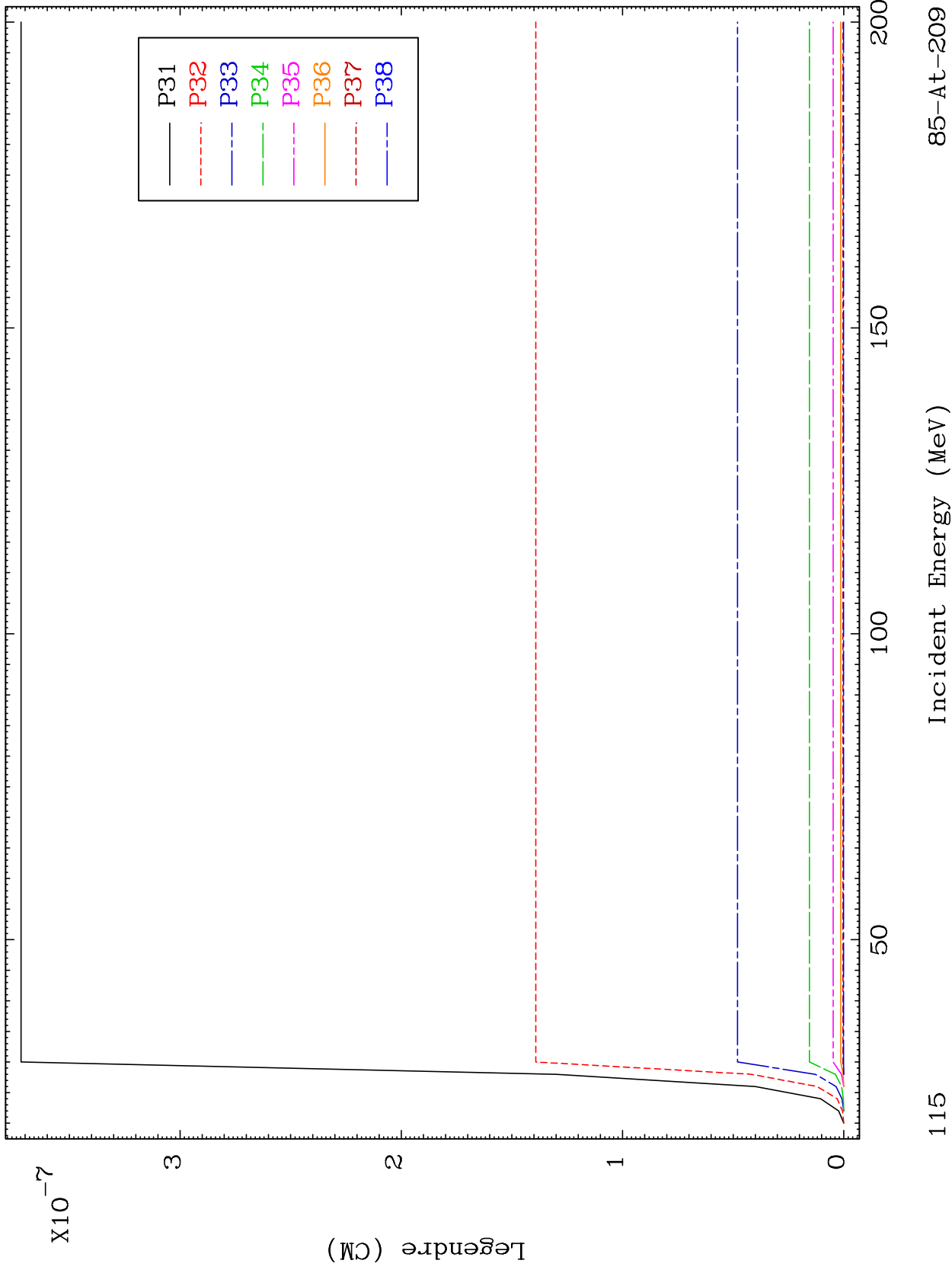
85-At-209



MAT 8543

1.907 MeV (n,n') Level  
Legendre Coefficients

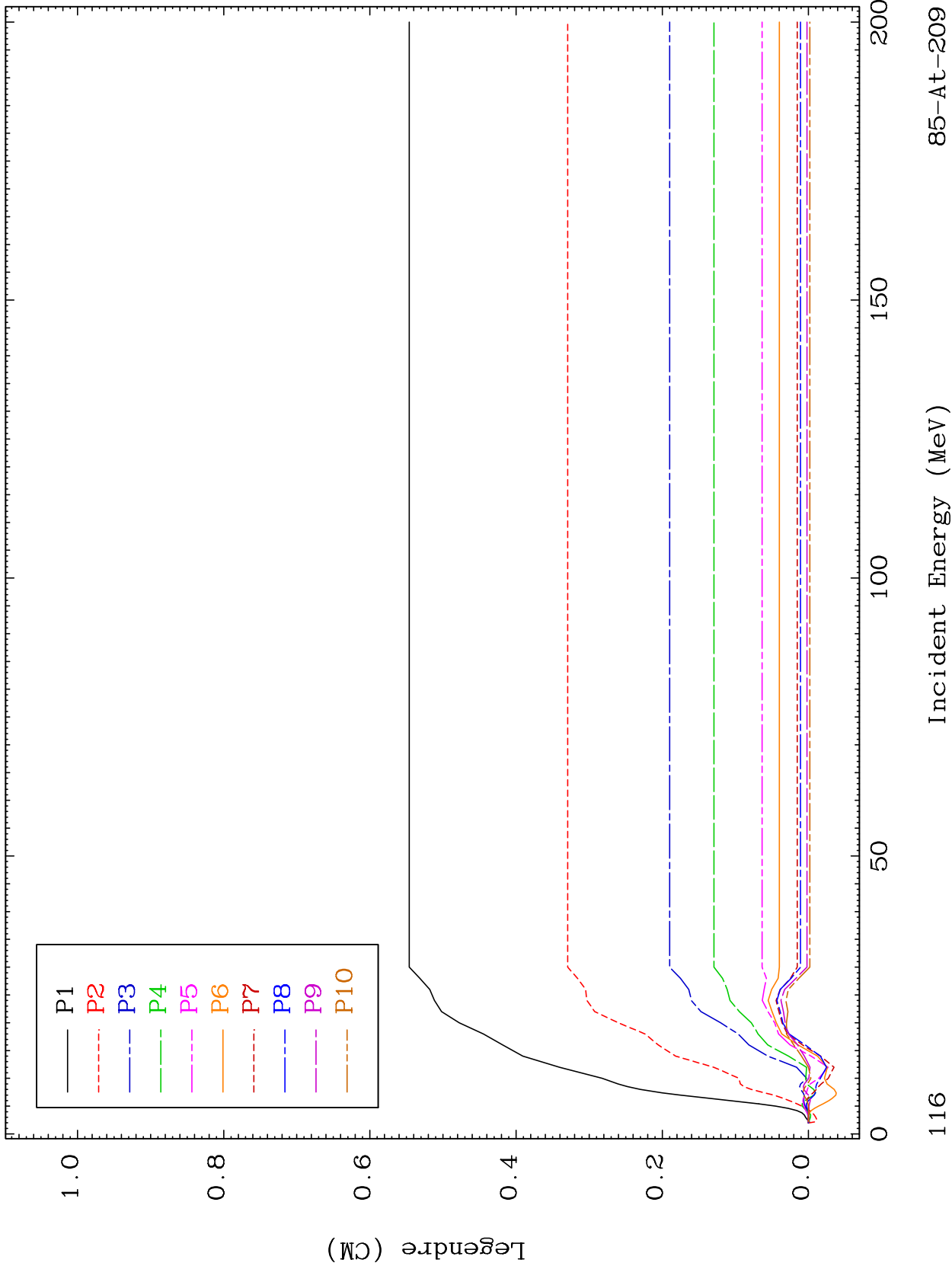
85-At-209



115

Incident Energy (MeV)

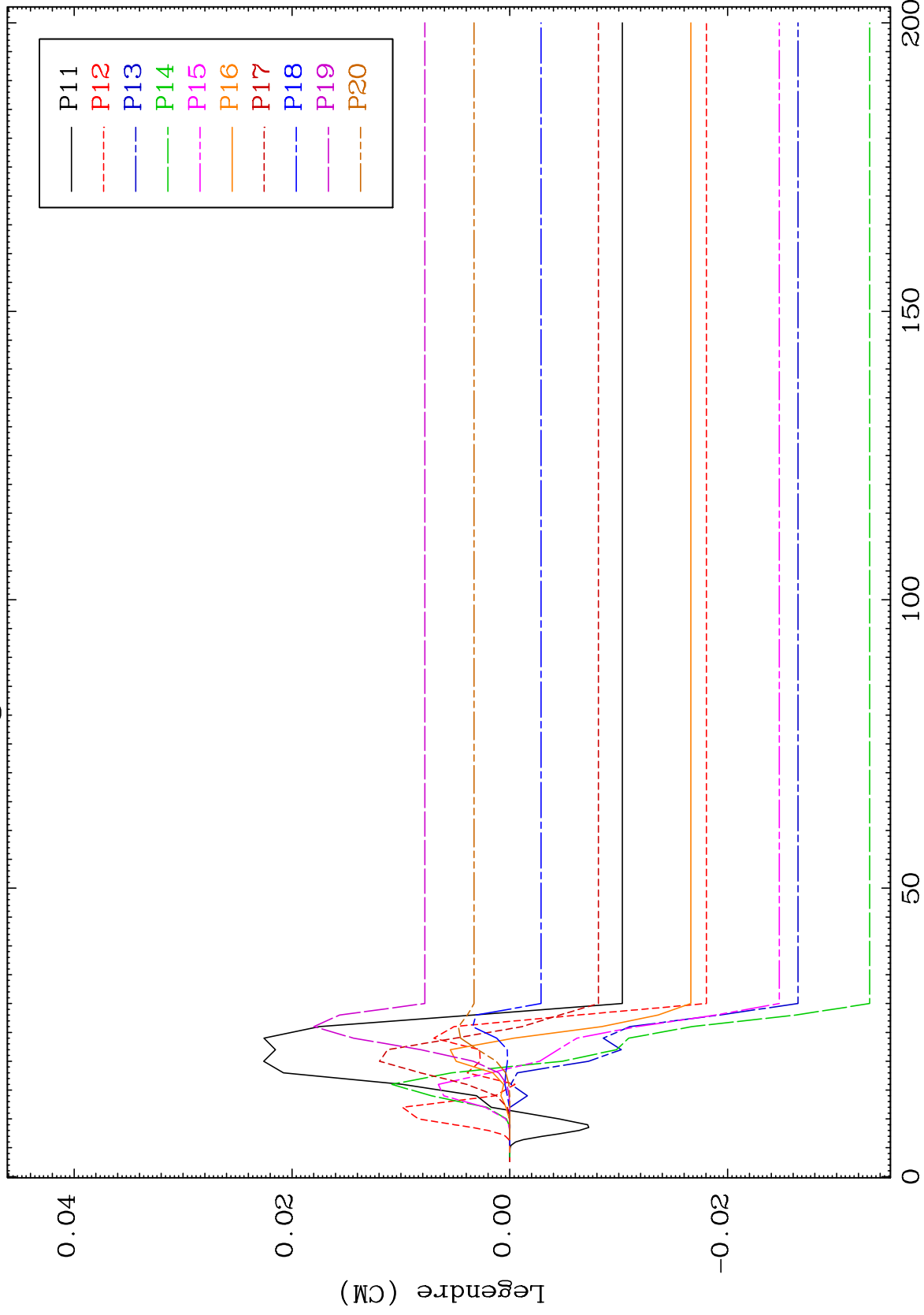
85-At-209



MAT 8543

1.953 MeV (n,n') Level Legendre Coefficients

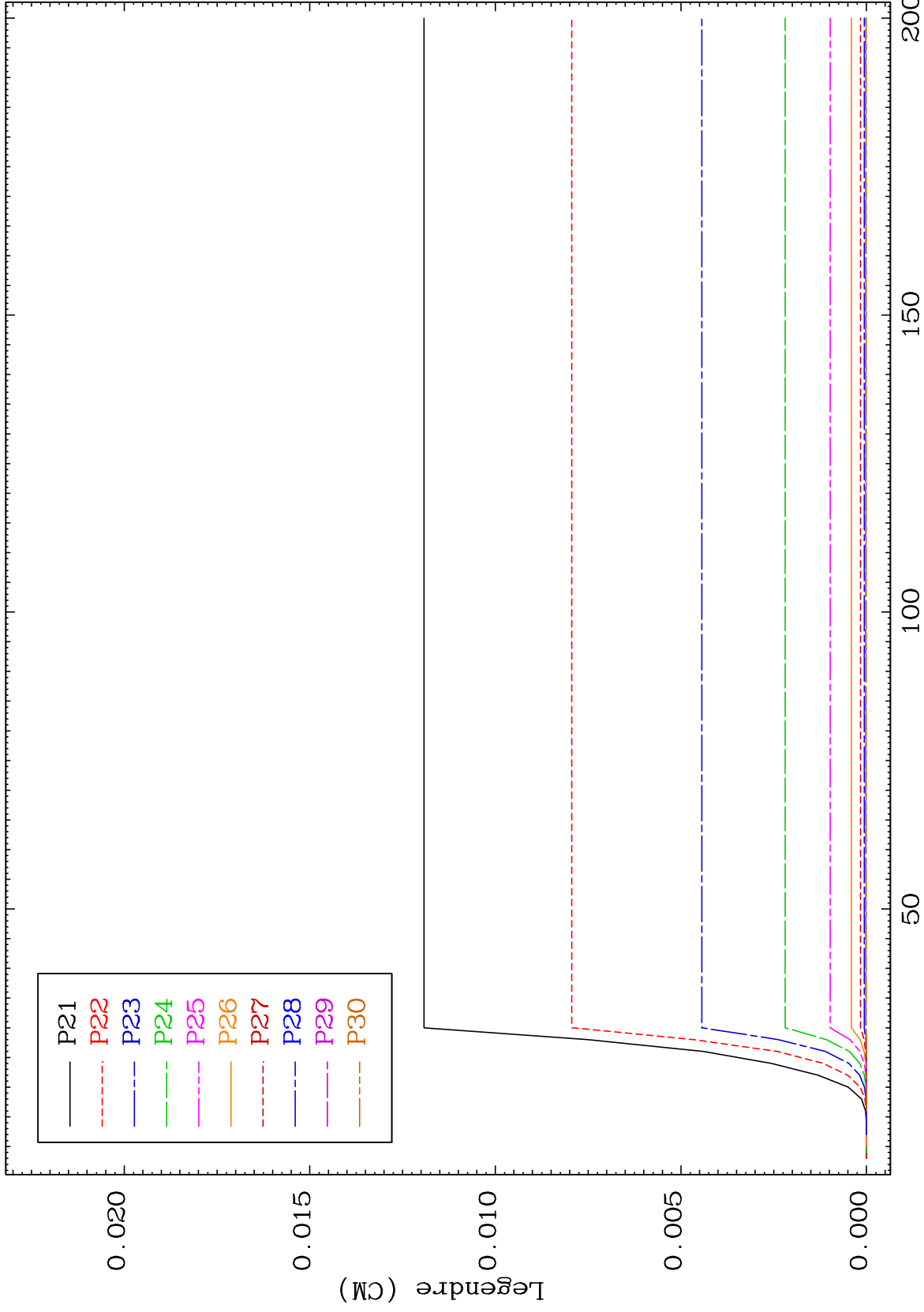
85-At-209

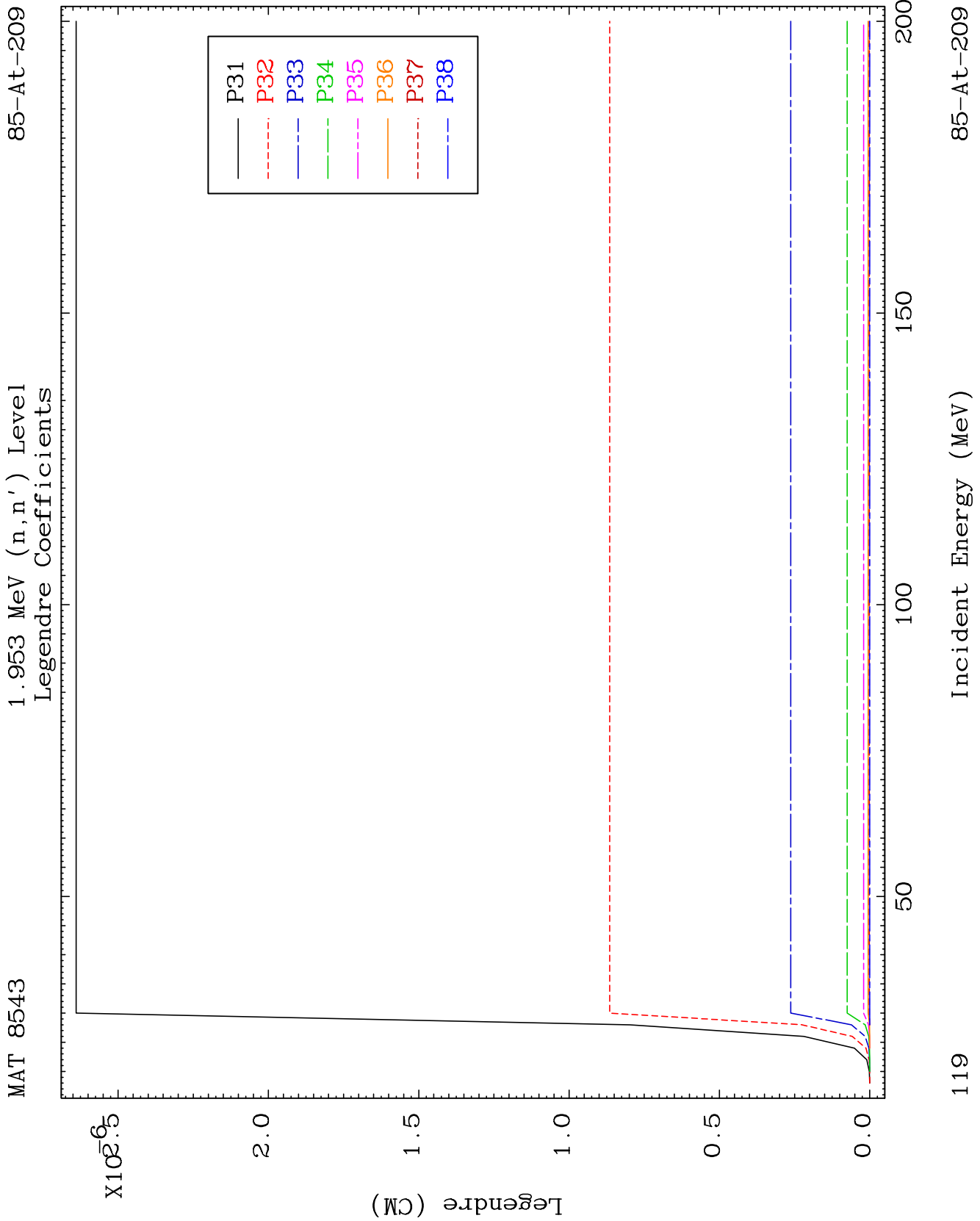


117

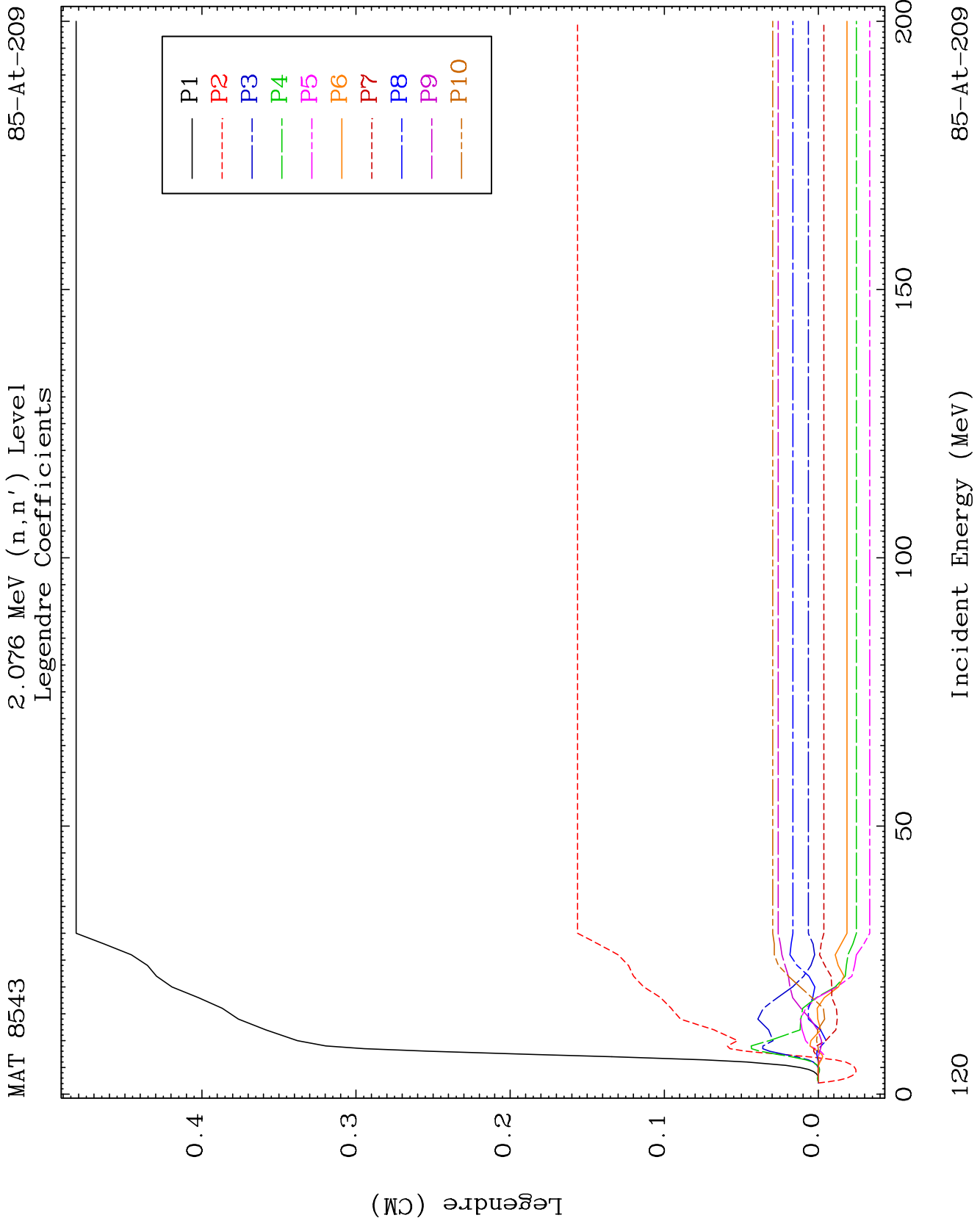
Incident Energy (MeV)

85-At-209





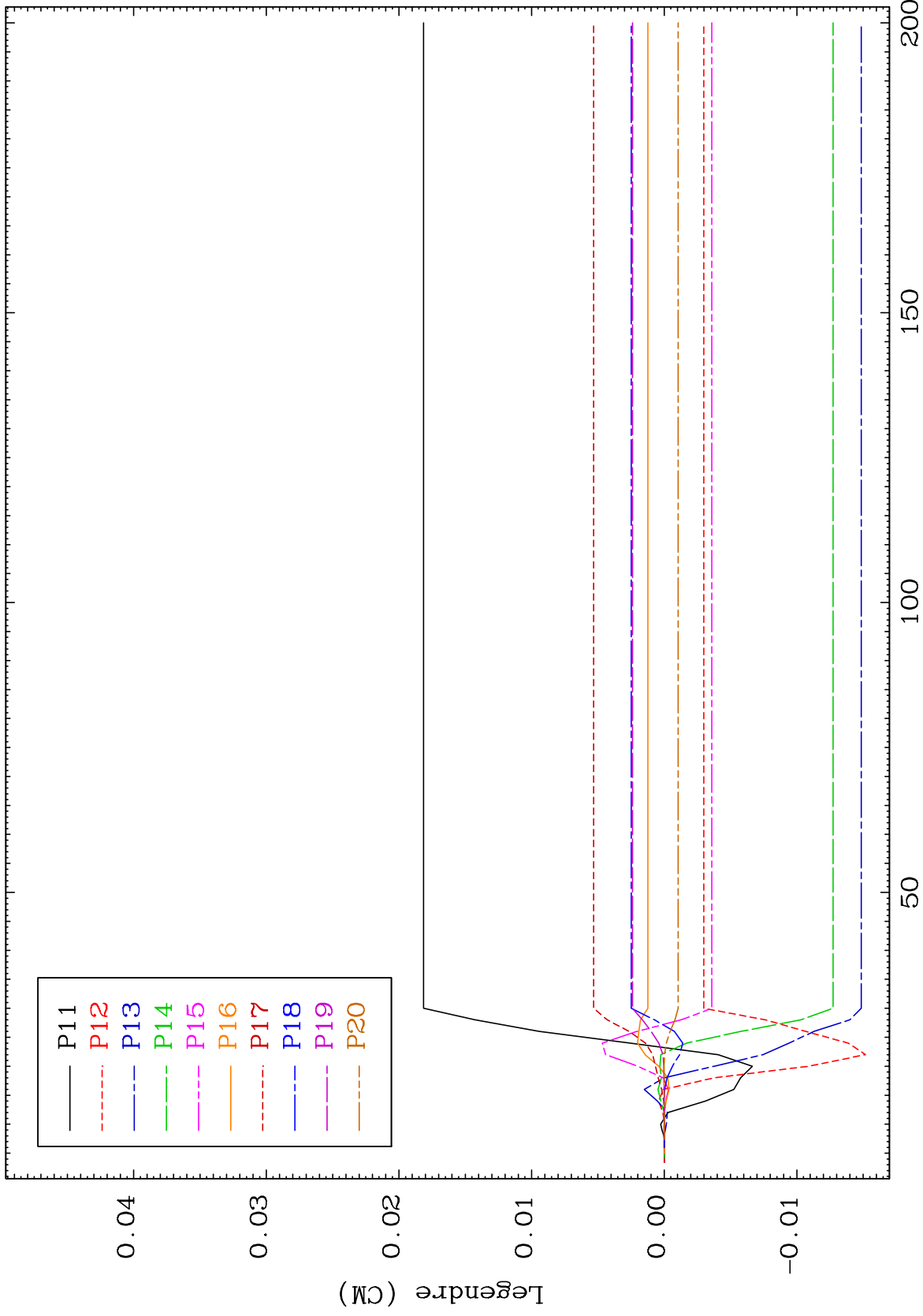




MAT 8543

2.076 MeV (n,n') Level  
Legendre Coefficients

85-At-209



121

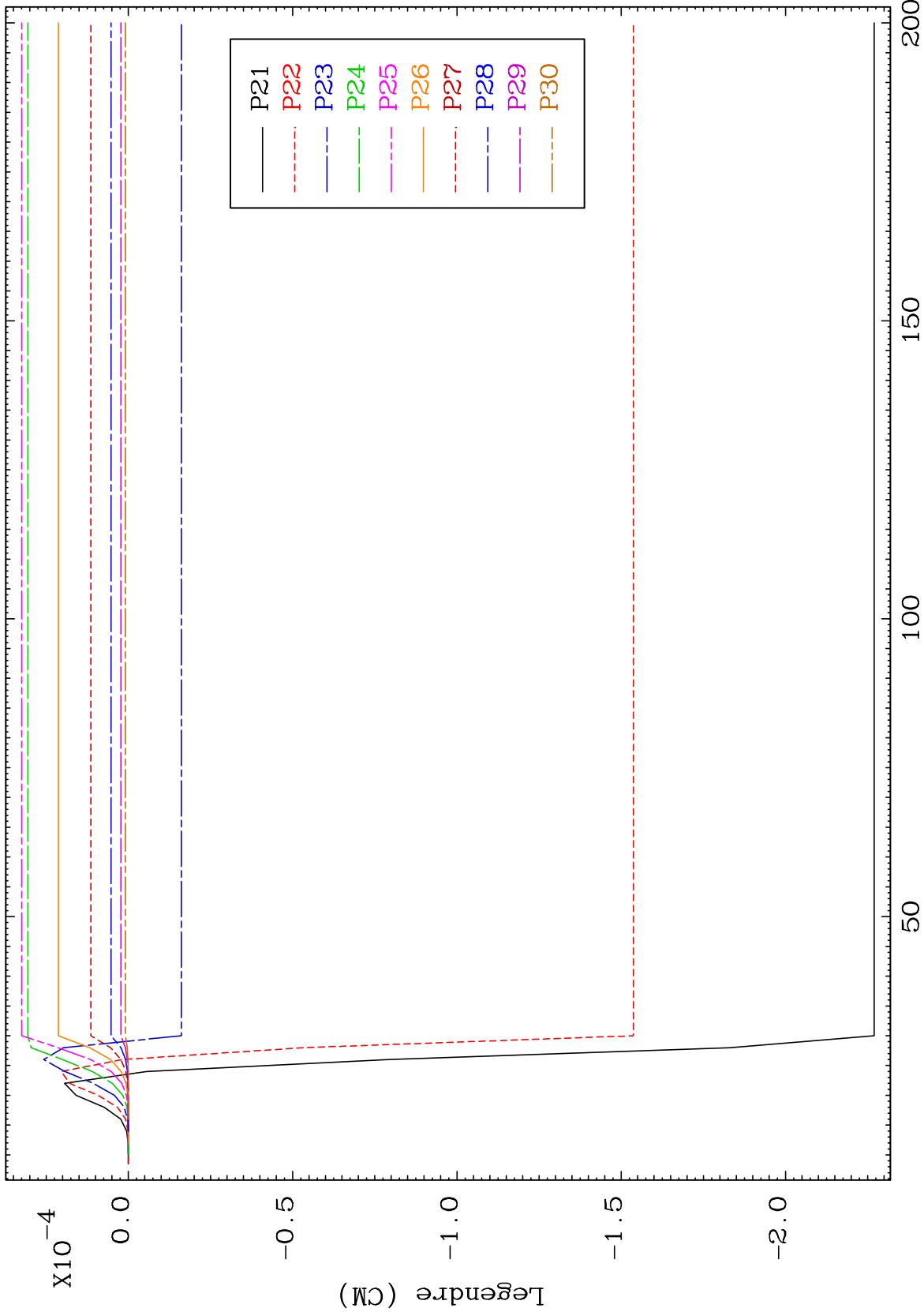
Incident Energy (MeV)

85-At-209

MAT 8543

2.076 MeV (n,n') Level  
Legendre Coefficients

85-At-209



122

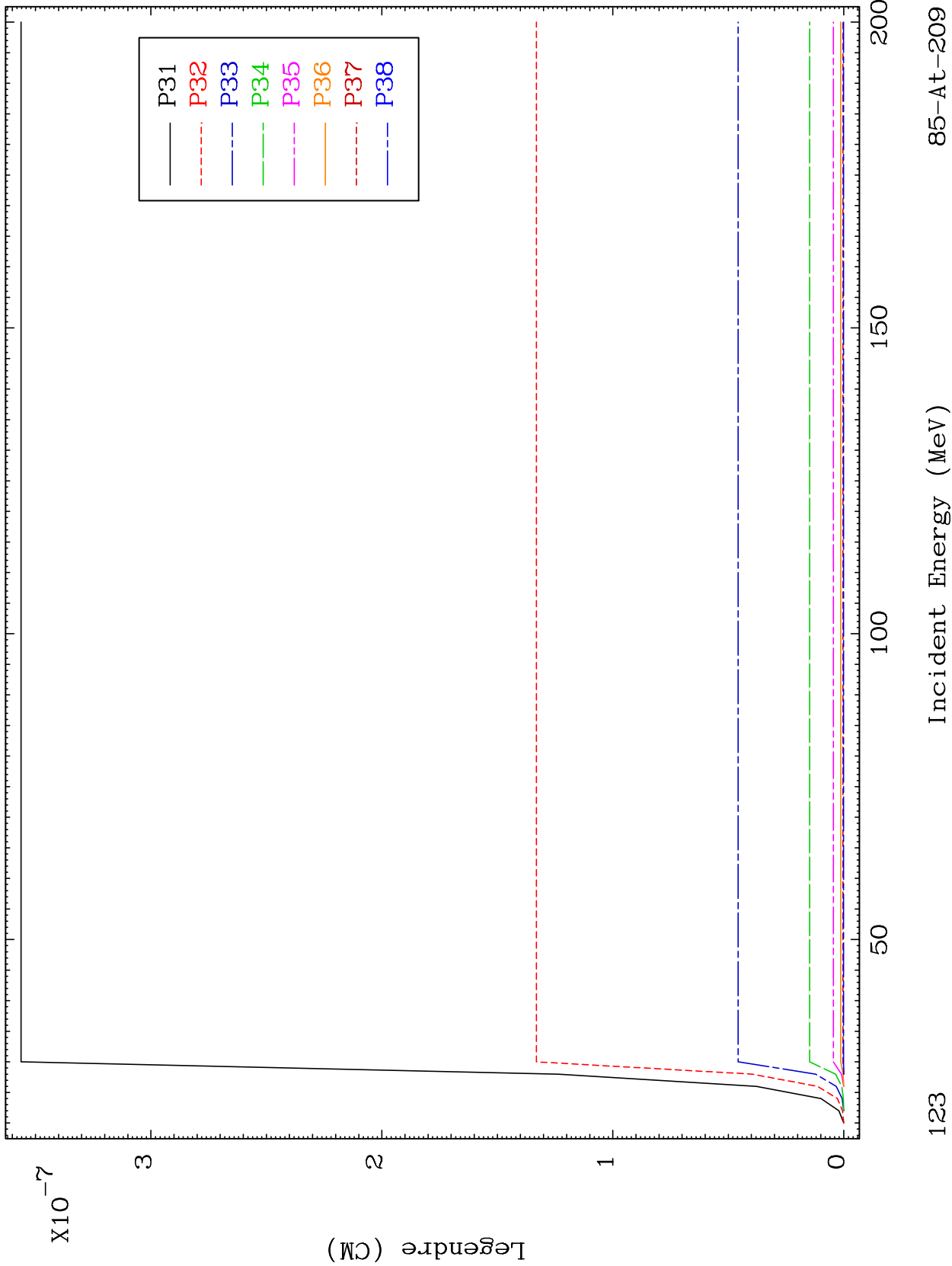
Incident Energy (MeV)

85-At-209

MAT 8543

2.076 MeV (n,n') Level  
Legendre Coefficients

85-At-209



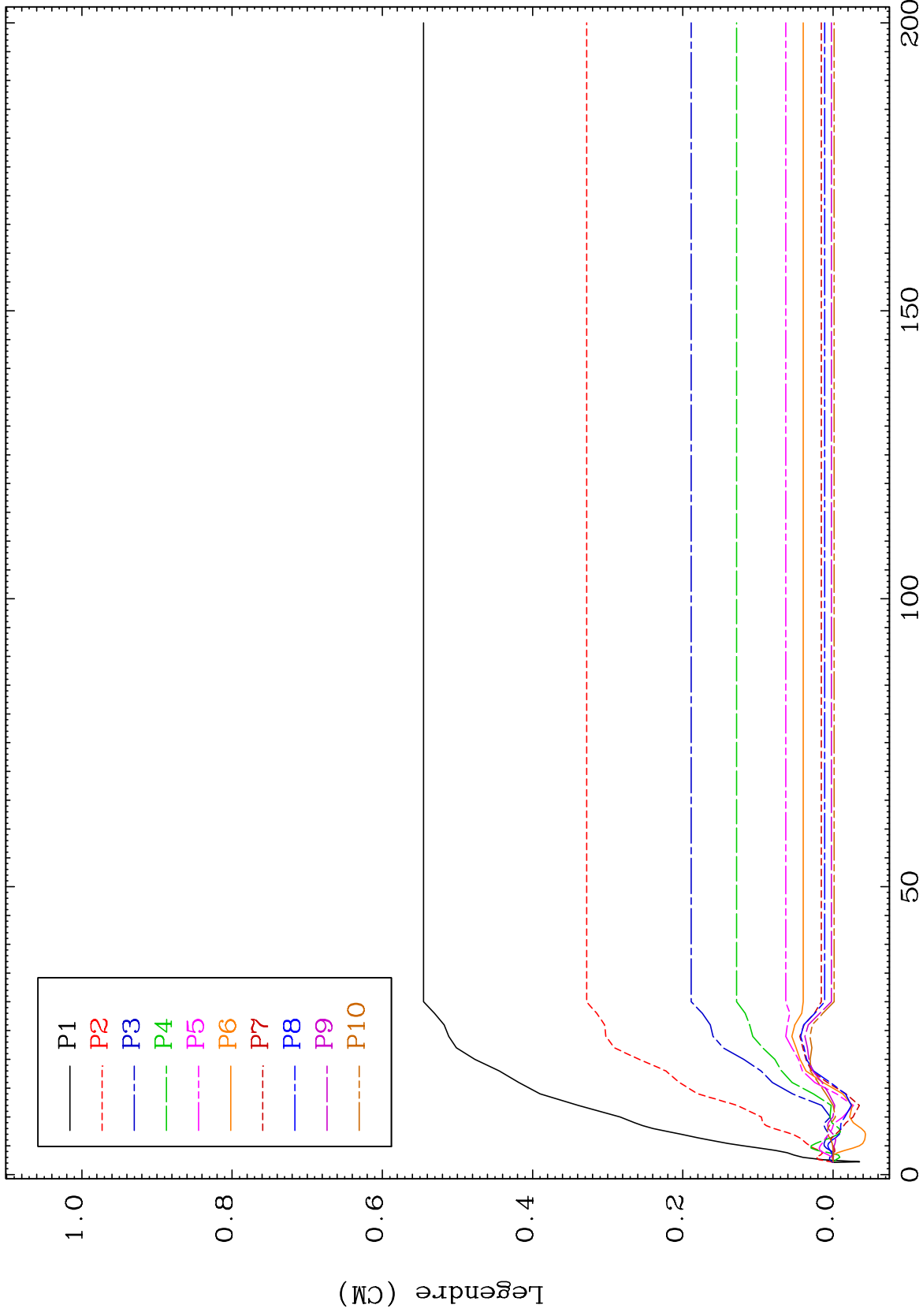
123

85-At-209

MAT 8543

2.086 MeV (n,n') Level  
Legendre Coefficients

85-At-209



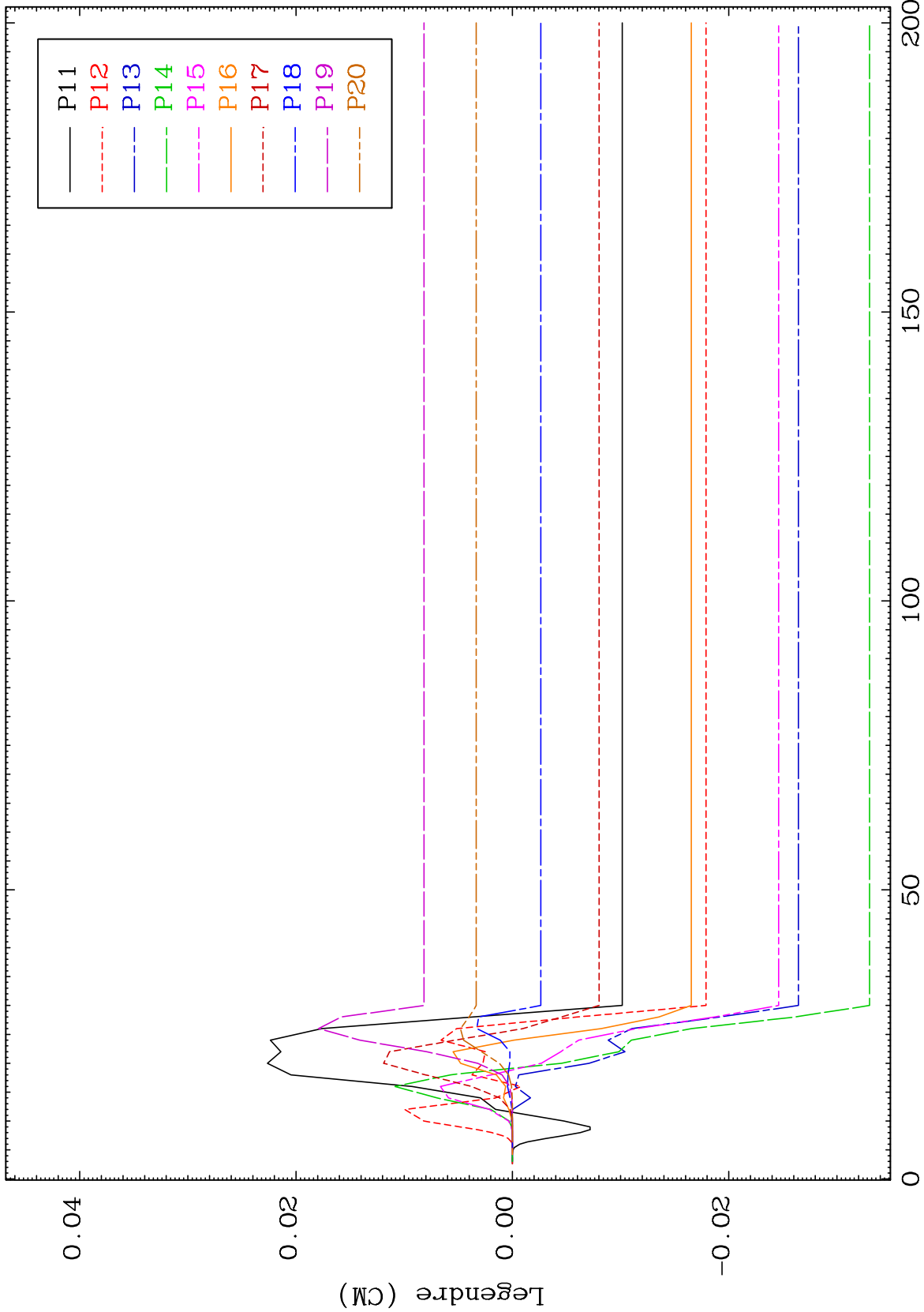
124

85-At-209

MAT 8543

2.086 MeV (n,n') Level Legendre Coefficients

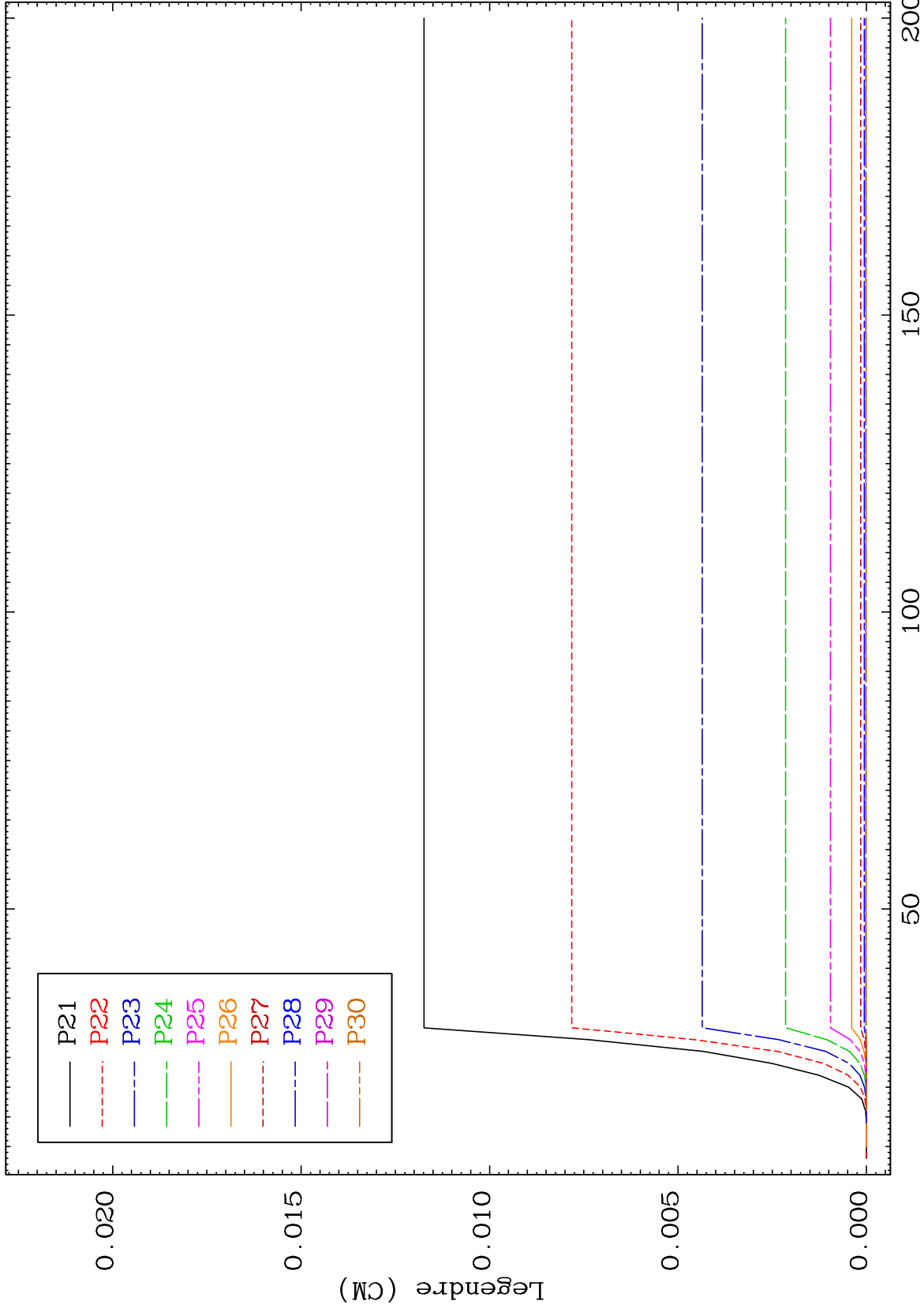
85-At-209

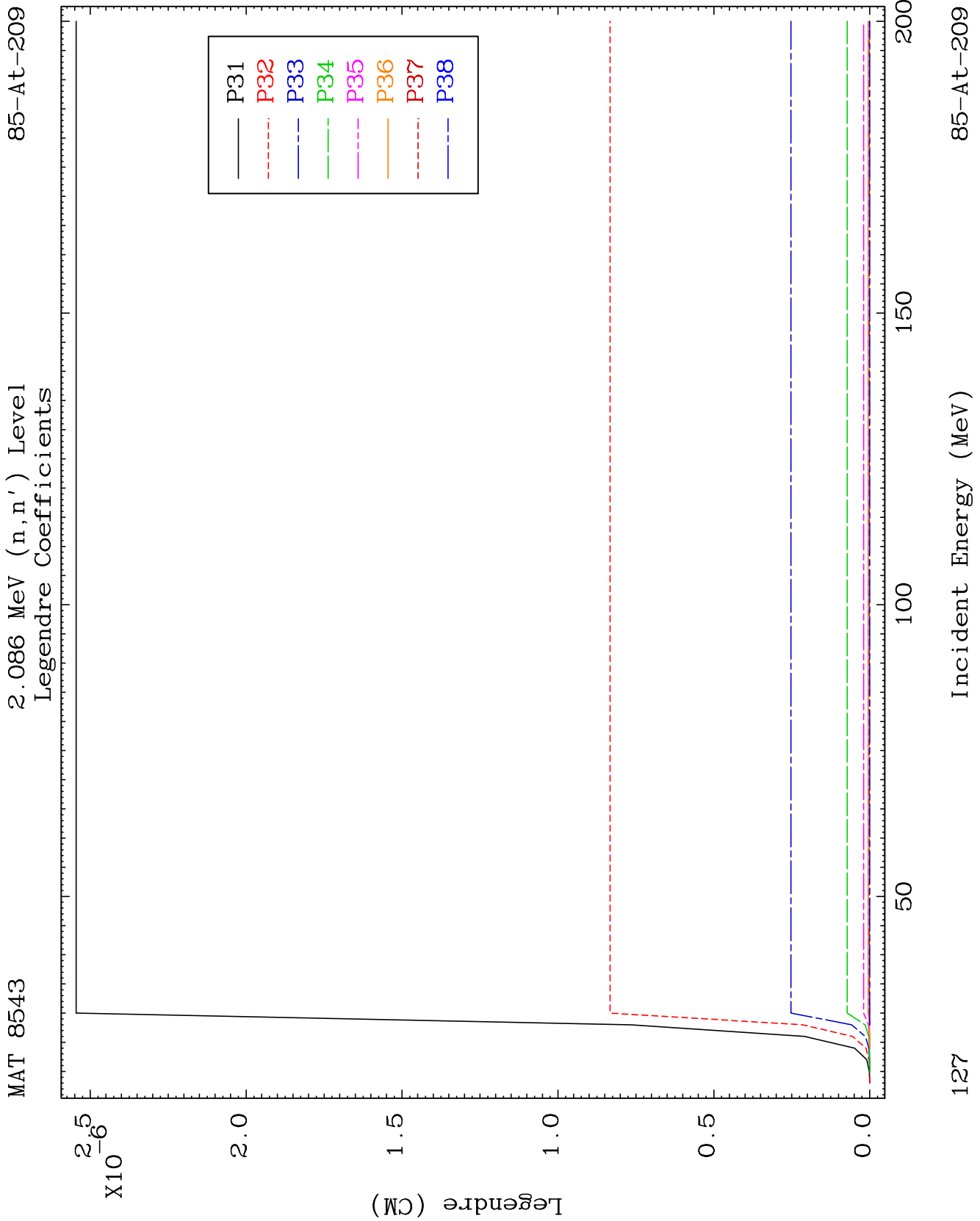


125

Incident Energy (MeV)

85-At-209



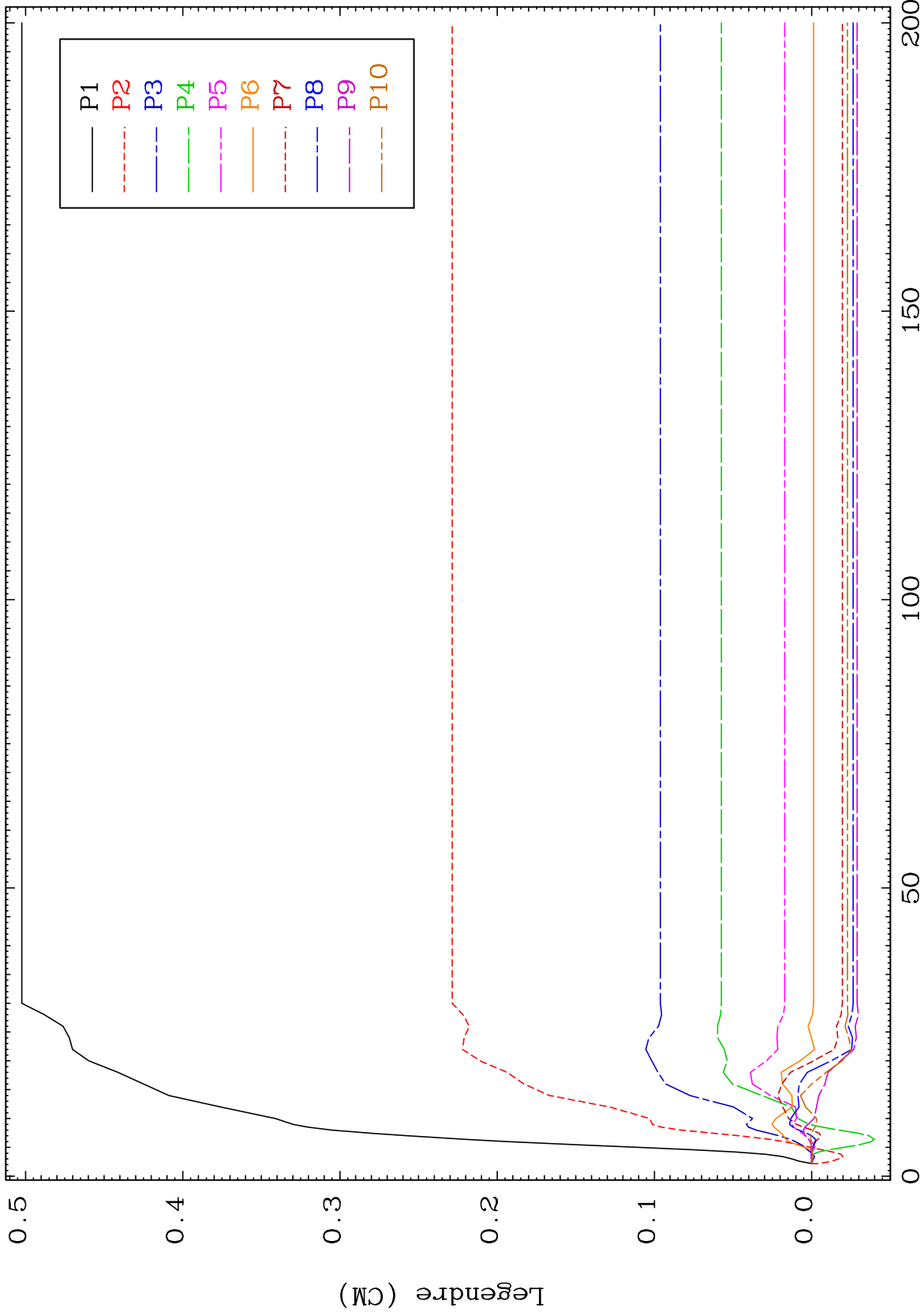




MAT 8543

2.136 MeV (n,n') Level  
Legendre Coefficients

85-At-209



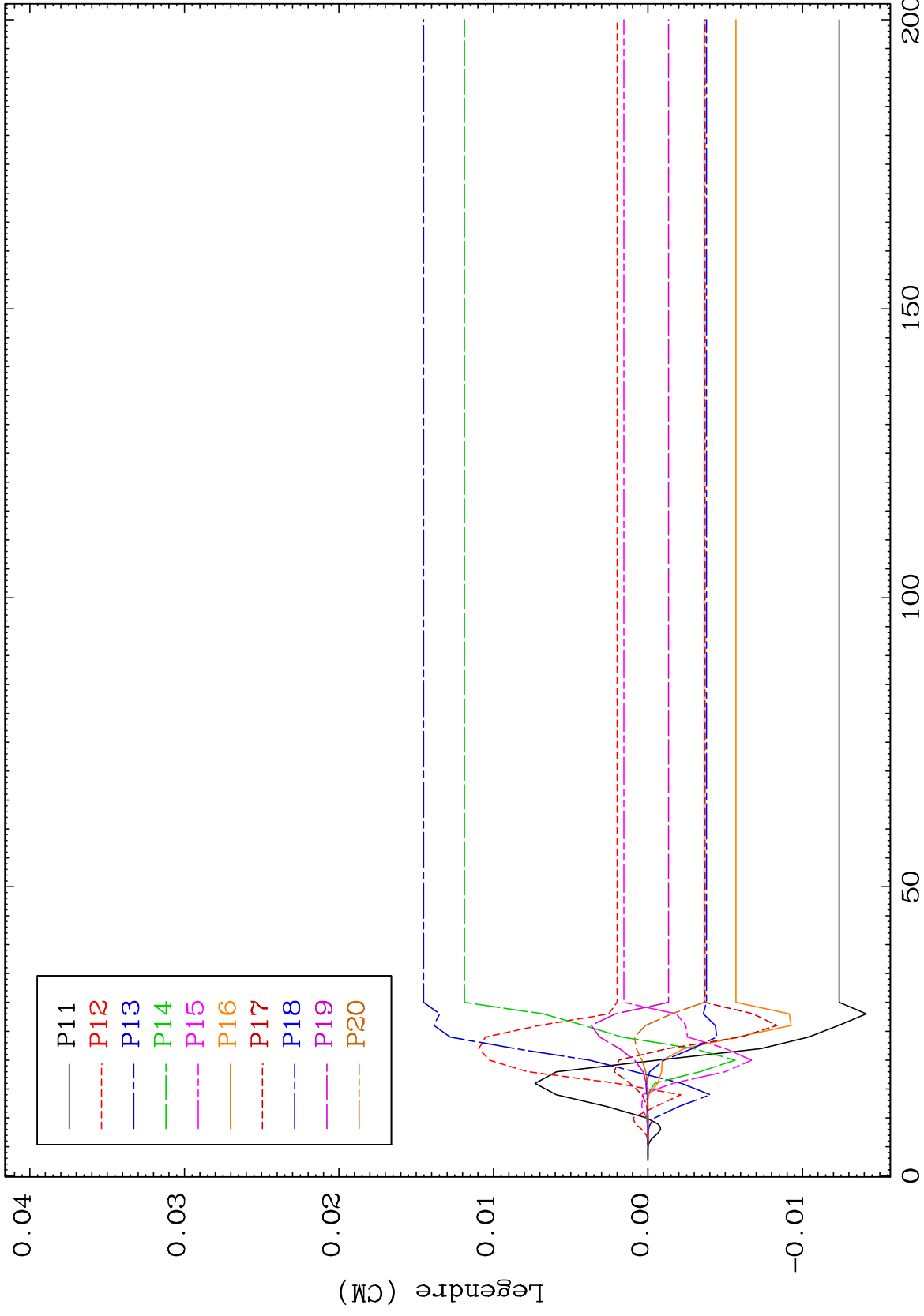
128

85-At-209

MAT 8543

2.136 MeV (n,n') Level  
Legendre Coefficients

85-At-209



129

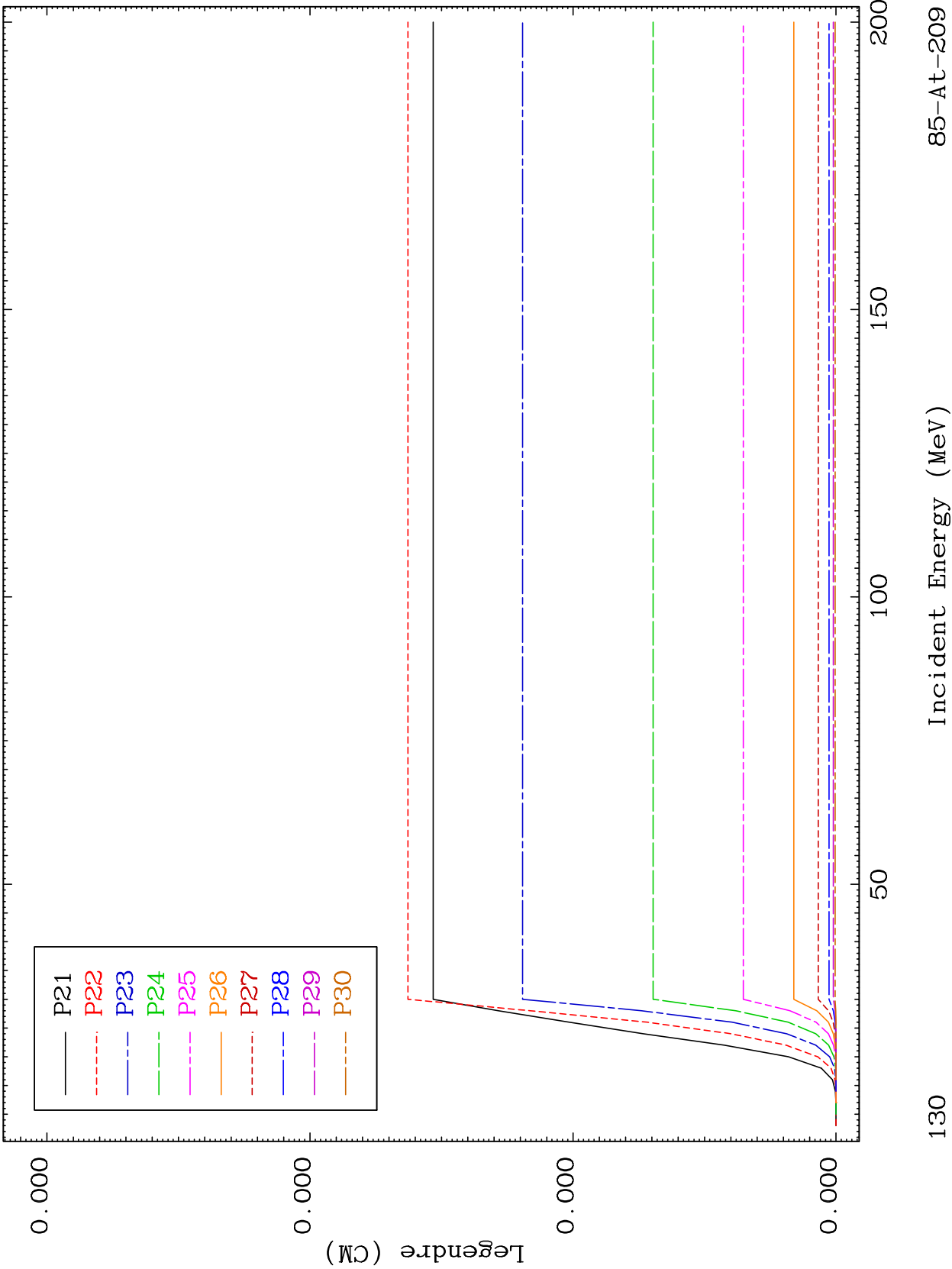
Incident Energy (MeV)

85-At-209

MAT 8543

2.136 MeV (n,n') Level  
Legendre Coefficients

85-At-209



130

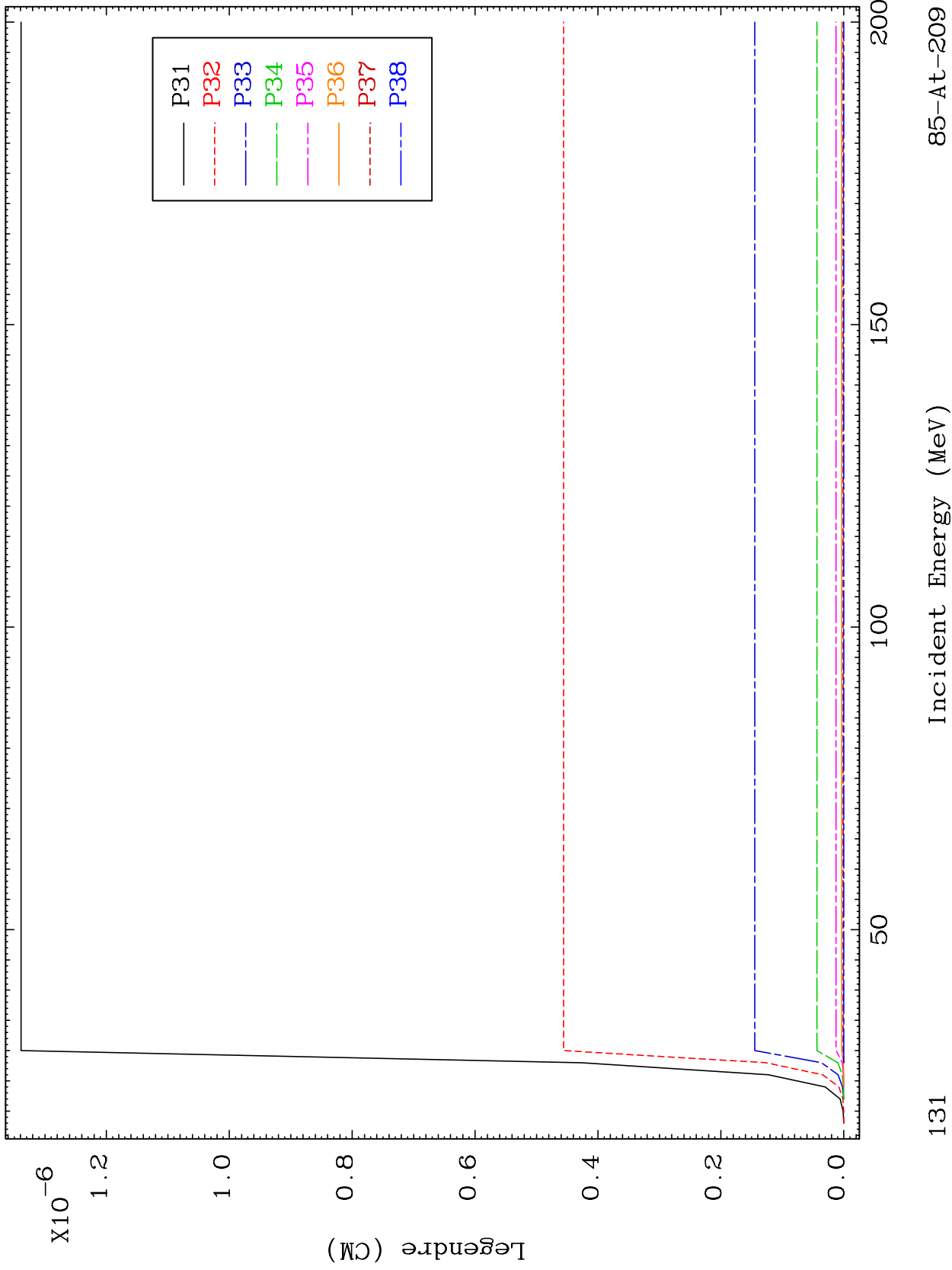
Incident Energy (MeV)

85-At-209

MAT 8543

2.136 MeV (n,n') Level  
Legendre Coefficients

85-At-209



131

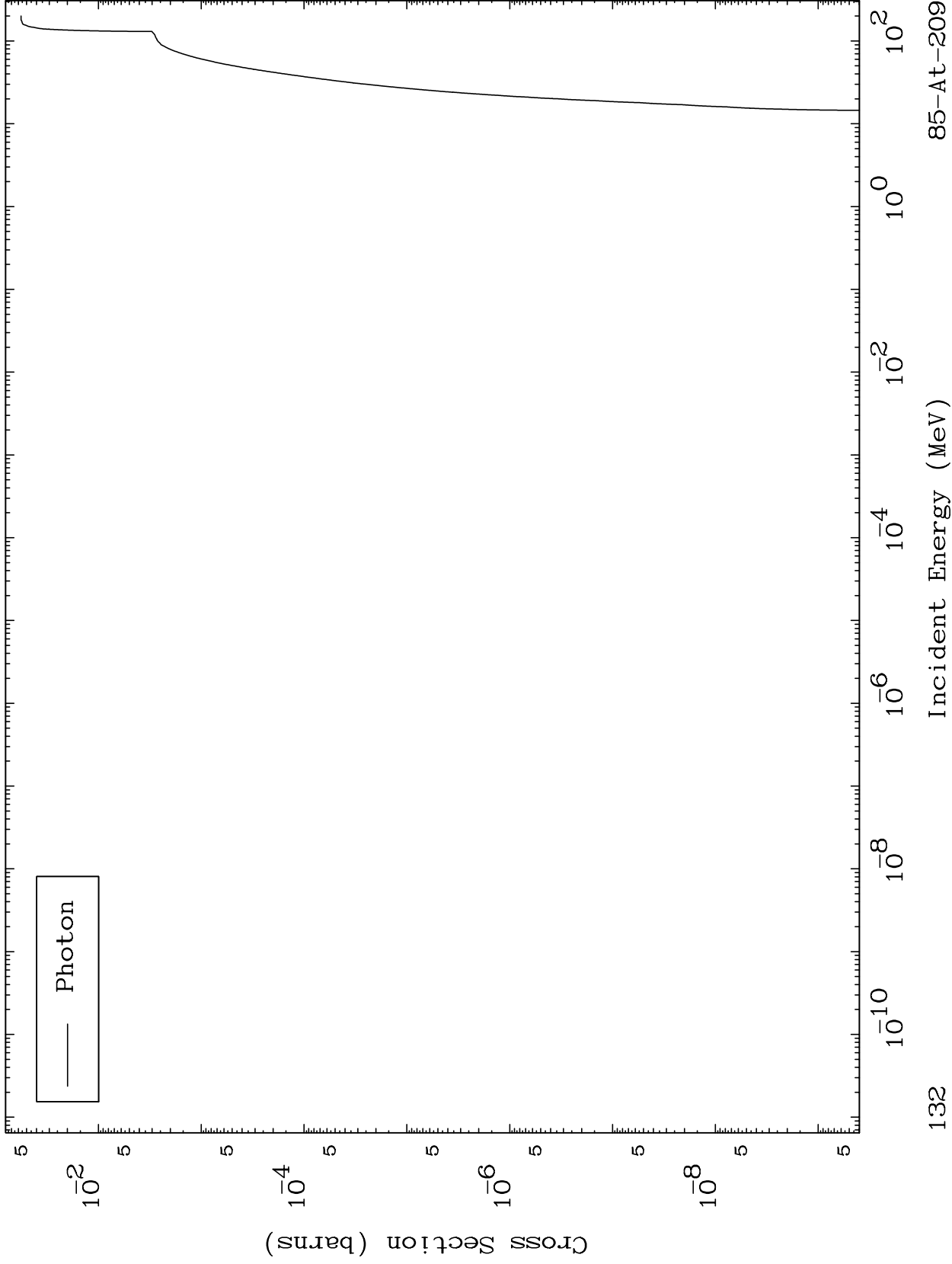
85-At-209

MAT 8543

Fission

85-At-209

Radionuclide Production Cross Section



132

Incident Energy (MeV)

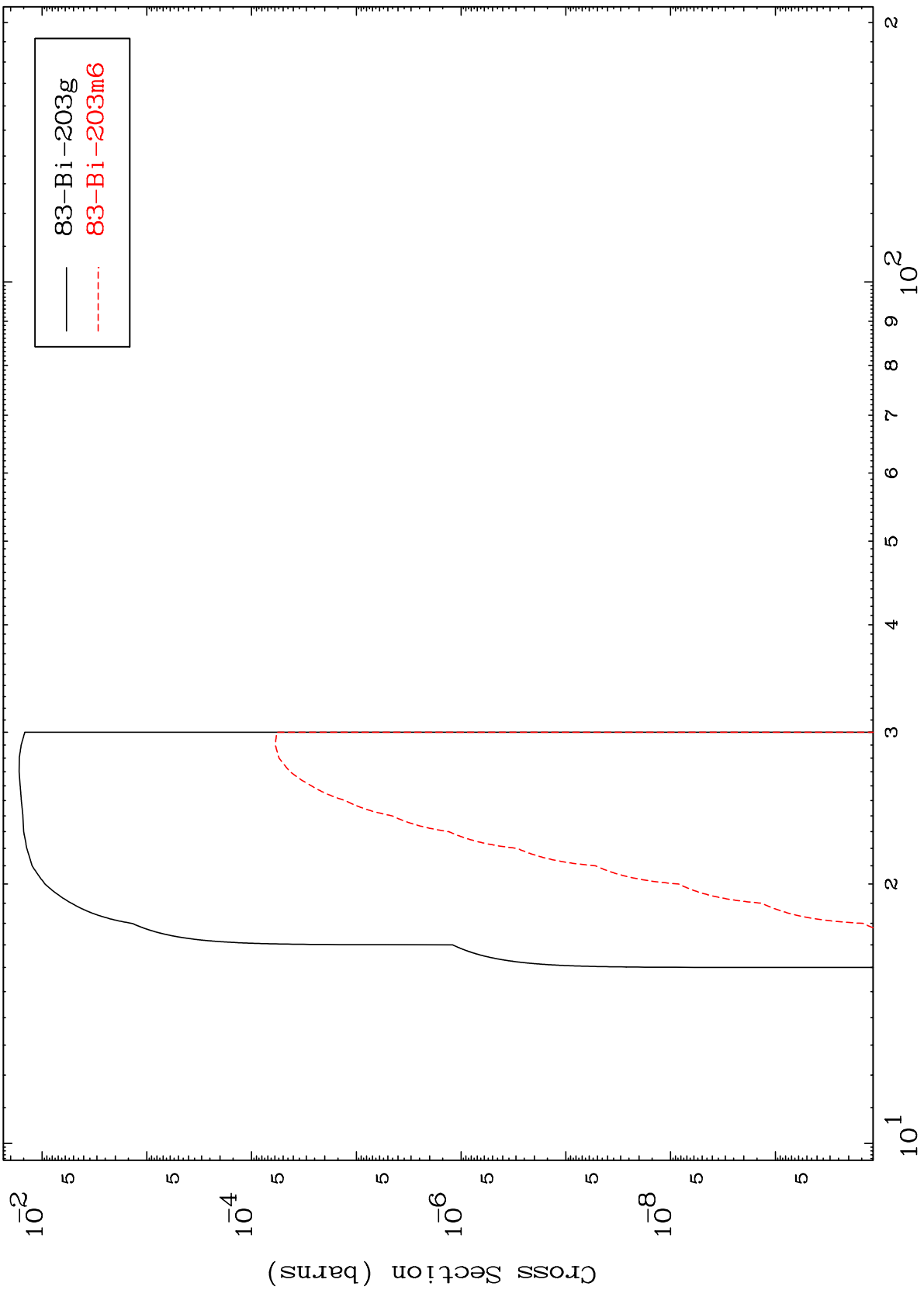
85-At-209

MAT 8543

(n,3n)  $\alpha$

85-At-209

Radionuclide Production Cross Section



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

Incident Energy (MeV)

85-At-209

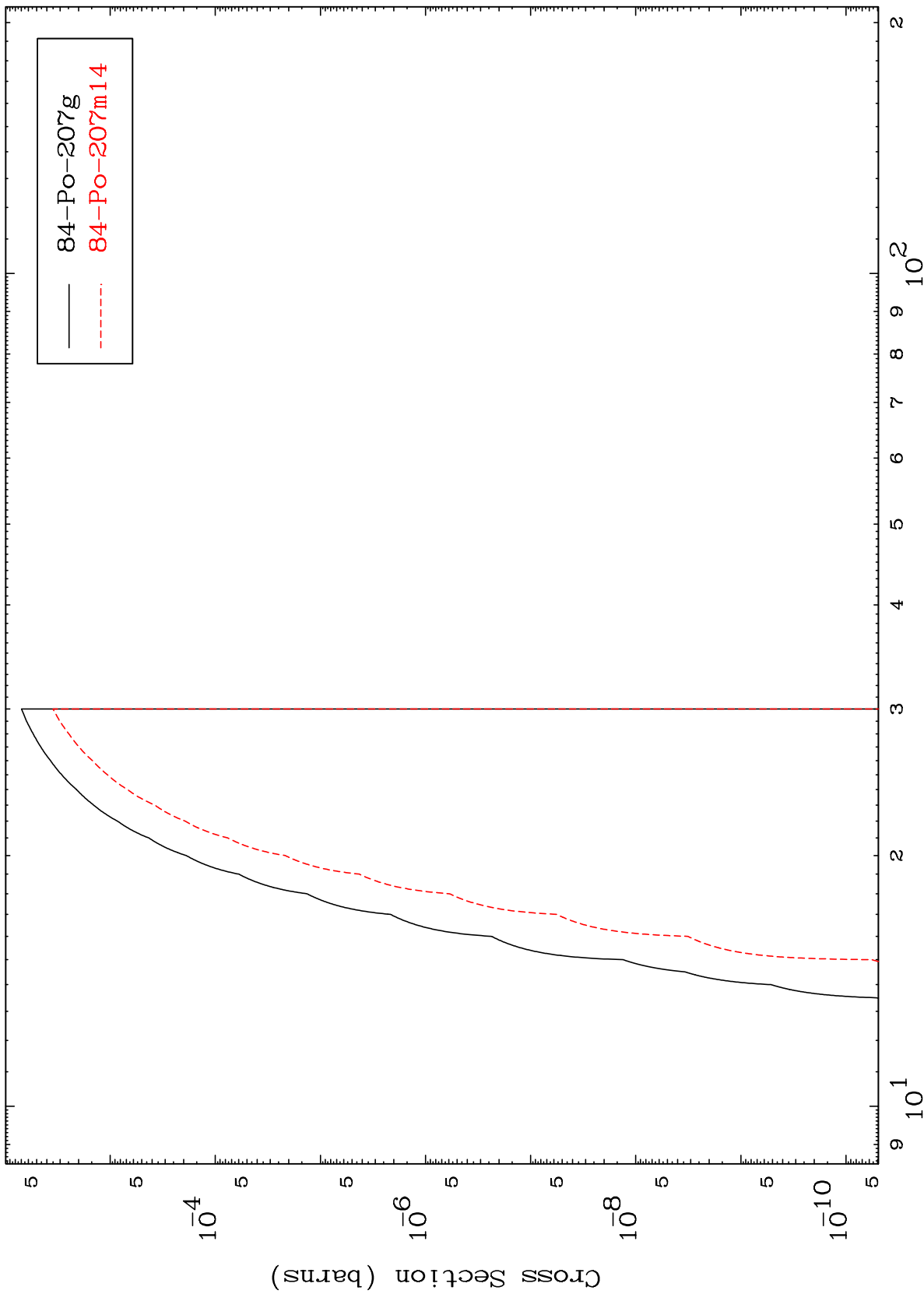
133

MAT 8543

(n,n') d

85-At-209

Radionuclide Production Cross Section



134

Incident Energy (MeV)

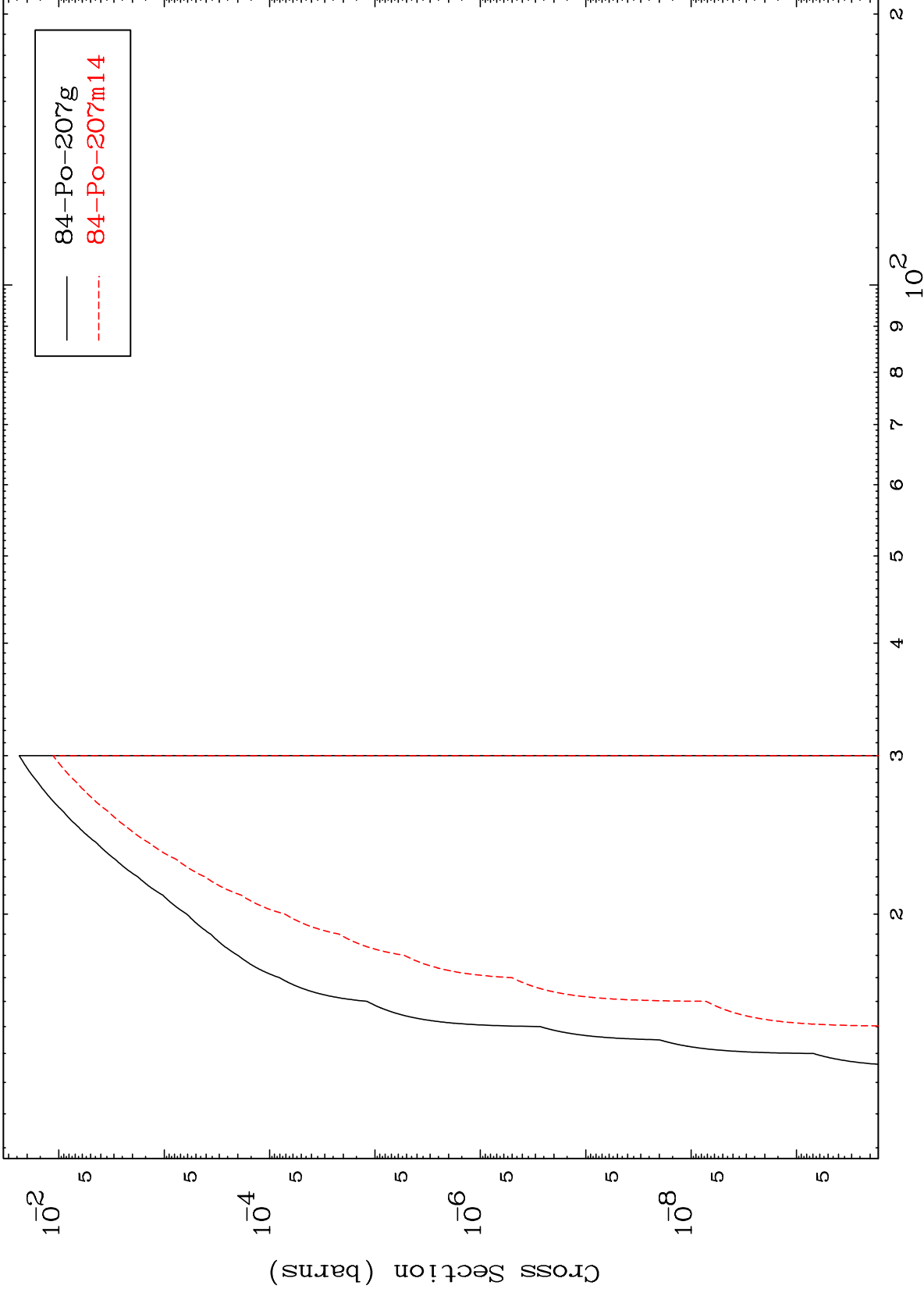
85-At-209

MAT 8543

(n,2n) p

85-At-209

Radionuclide Production Cross Section



84-Po-207g  
84-Po-207m14

135

Incident Energy (MeV)

85-At-209

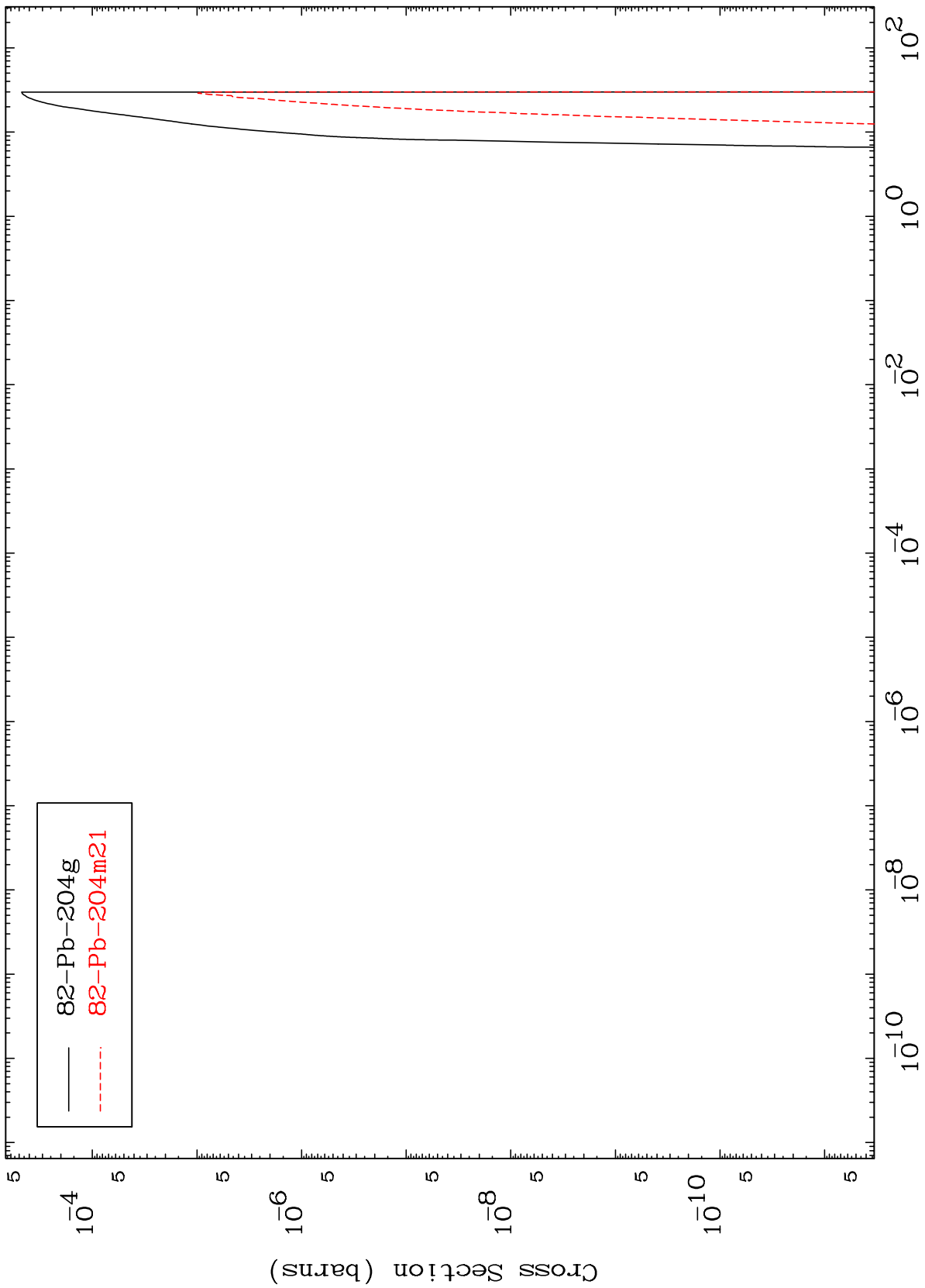


MAT 8543

(n,n') p  $\alpha$

85-At-209

Radionuclide Production Cross Section



136

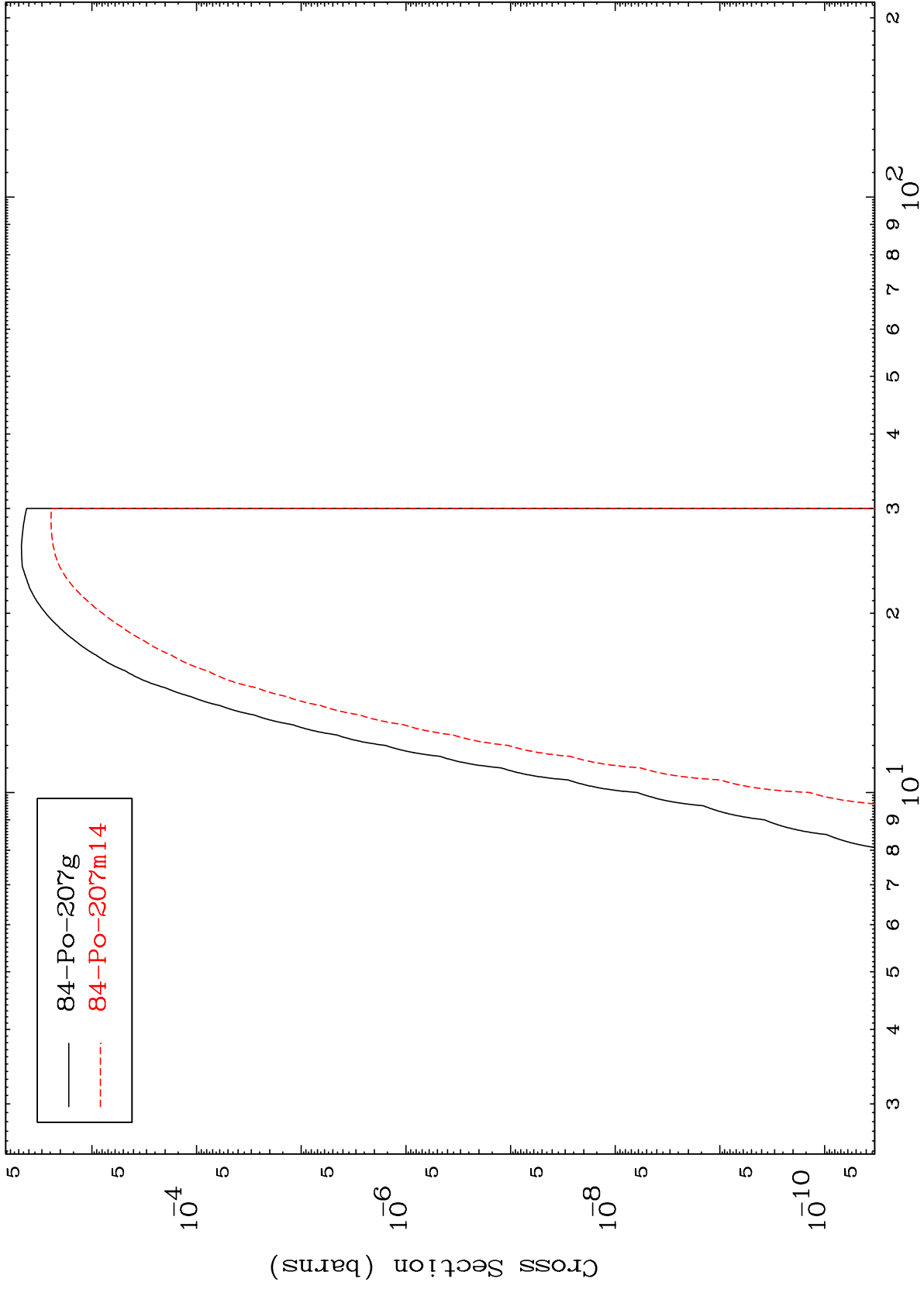
Incident Energy (MeV)

85-At-209

MAT 8543

85-At-209

(n, t)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

85-At-209

MAT 8543

(n,d)  $\alpha$

85-At-209

Radionuclide Production Cross Section

