

Program EVALPLOT  
(Version 2015-2)

by

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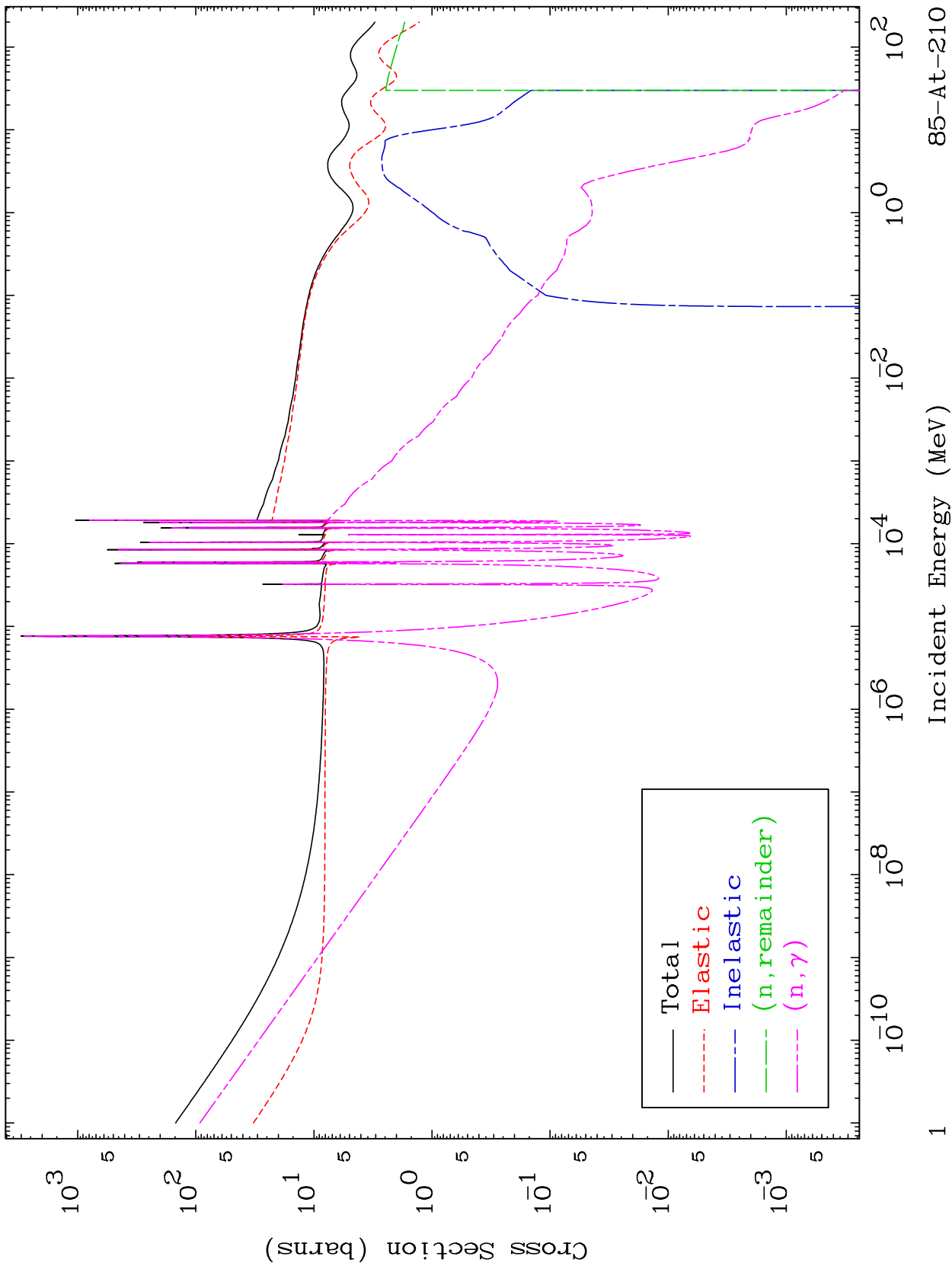
Press Mouse Button to Start

MAT 8546

Major

293 Kelvin Cross Sections

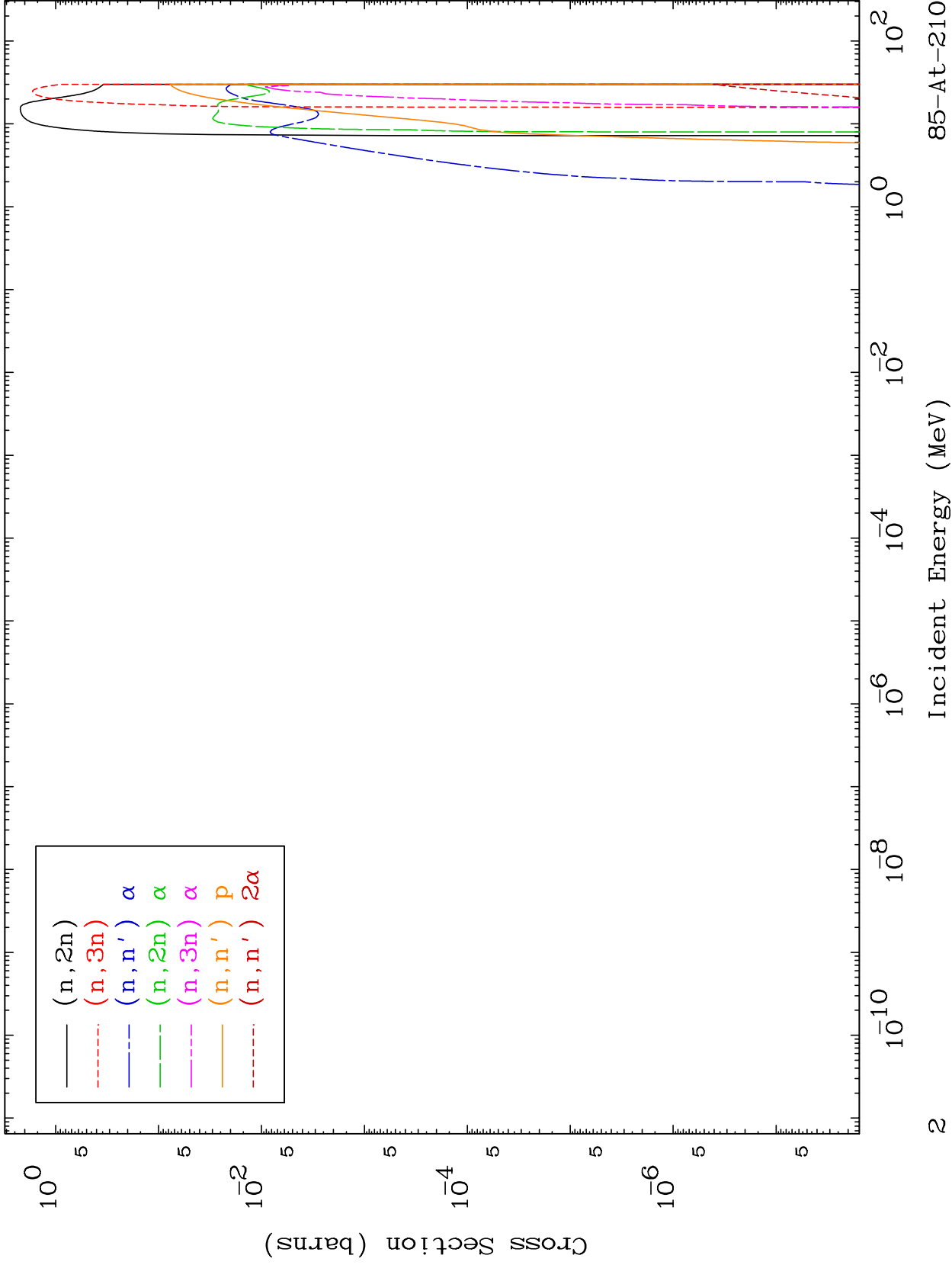
85-At-210



MAT 8546

Neutron Production  
293 Kelvin Cross Sections

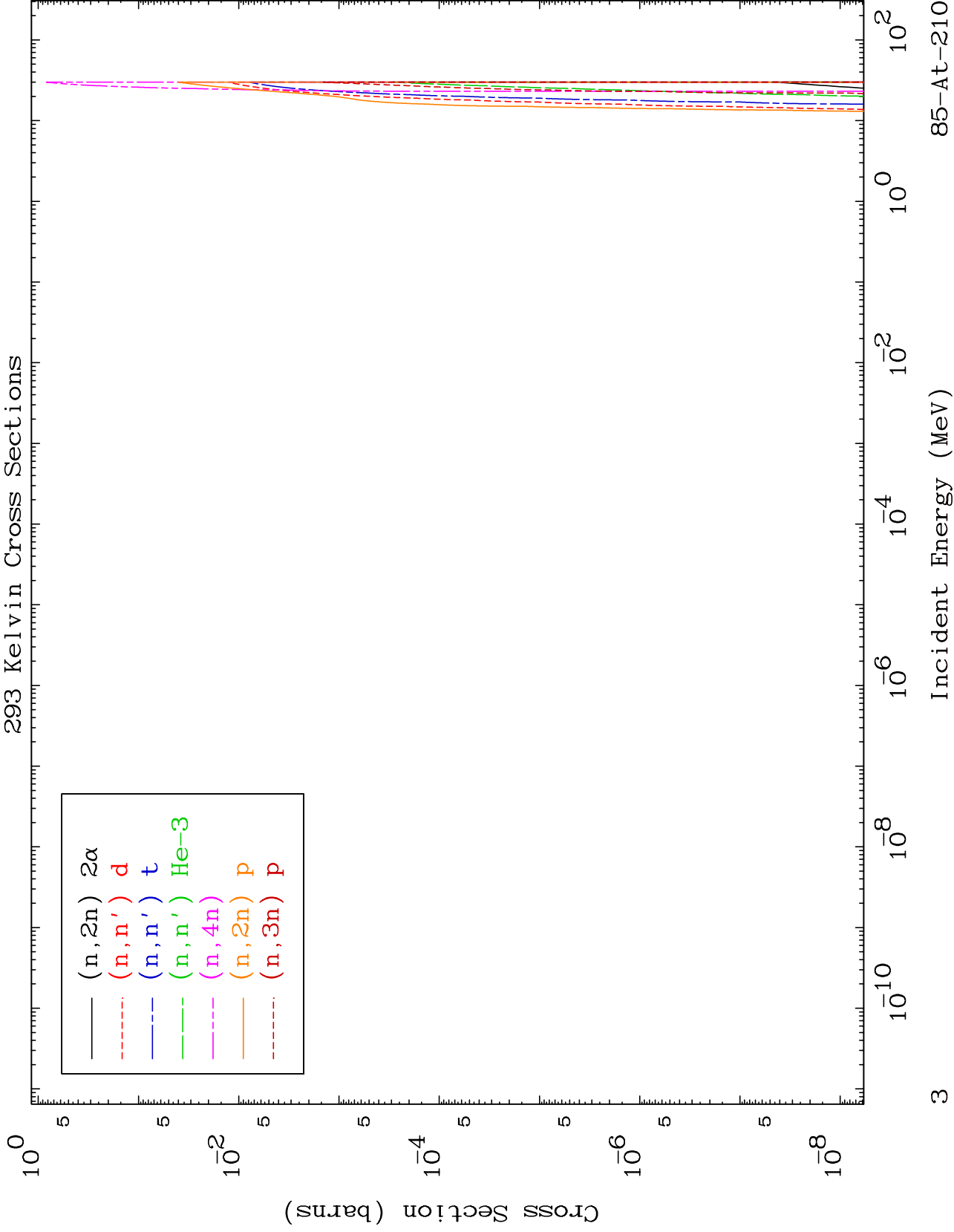
85-At-210



MAT 8546

Neutron Production  
293 Kelvin Cross Sections

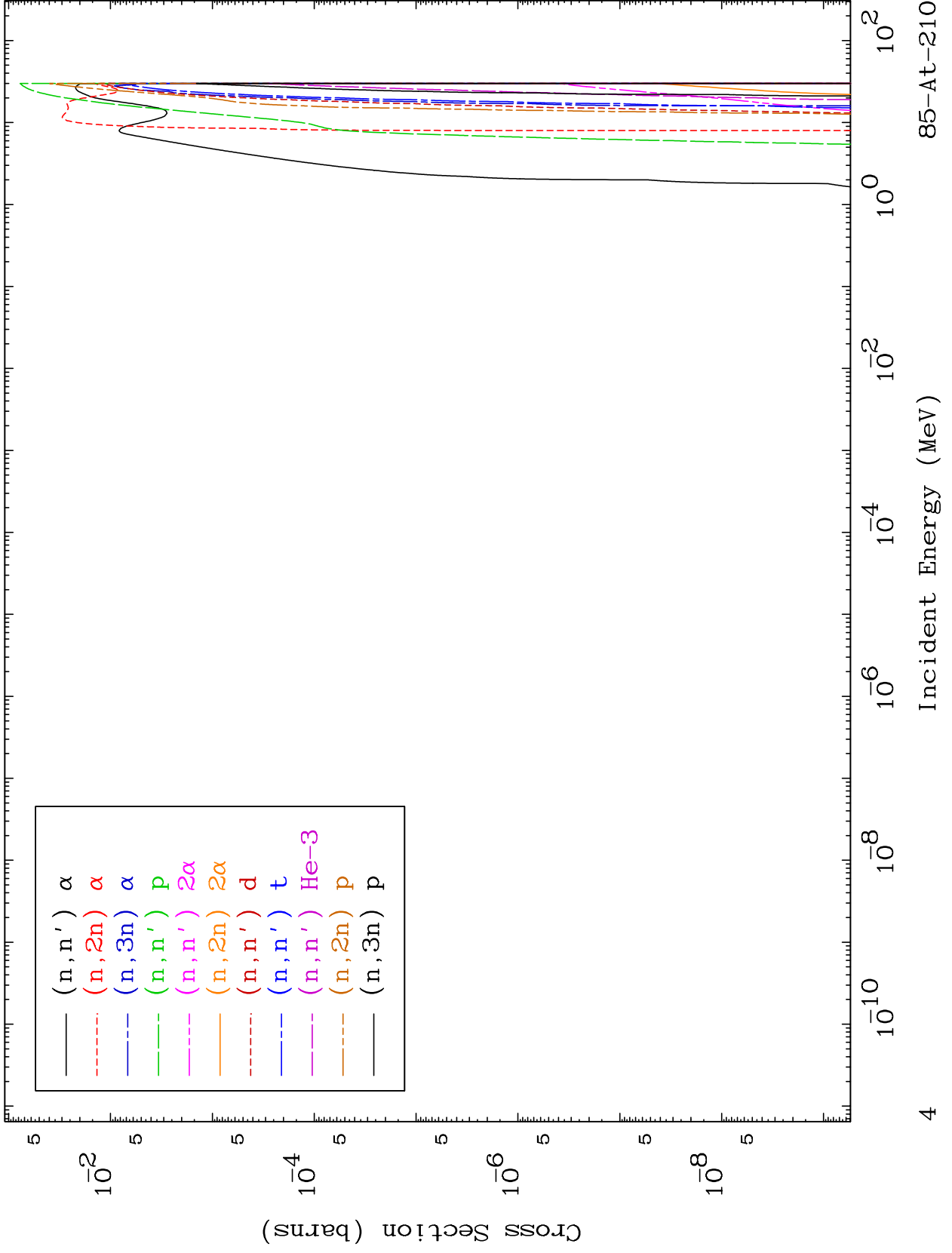
85-At-210



MAT 8546

Charged Particle  
293 Kelvin Cross Sections

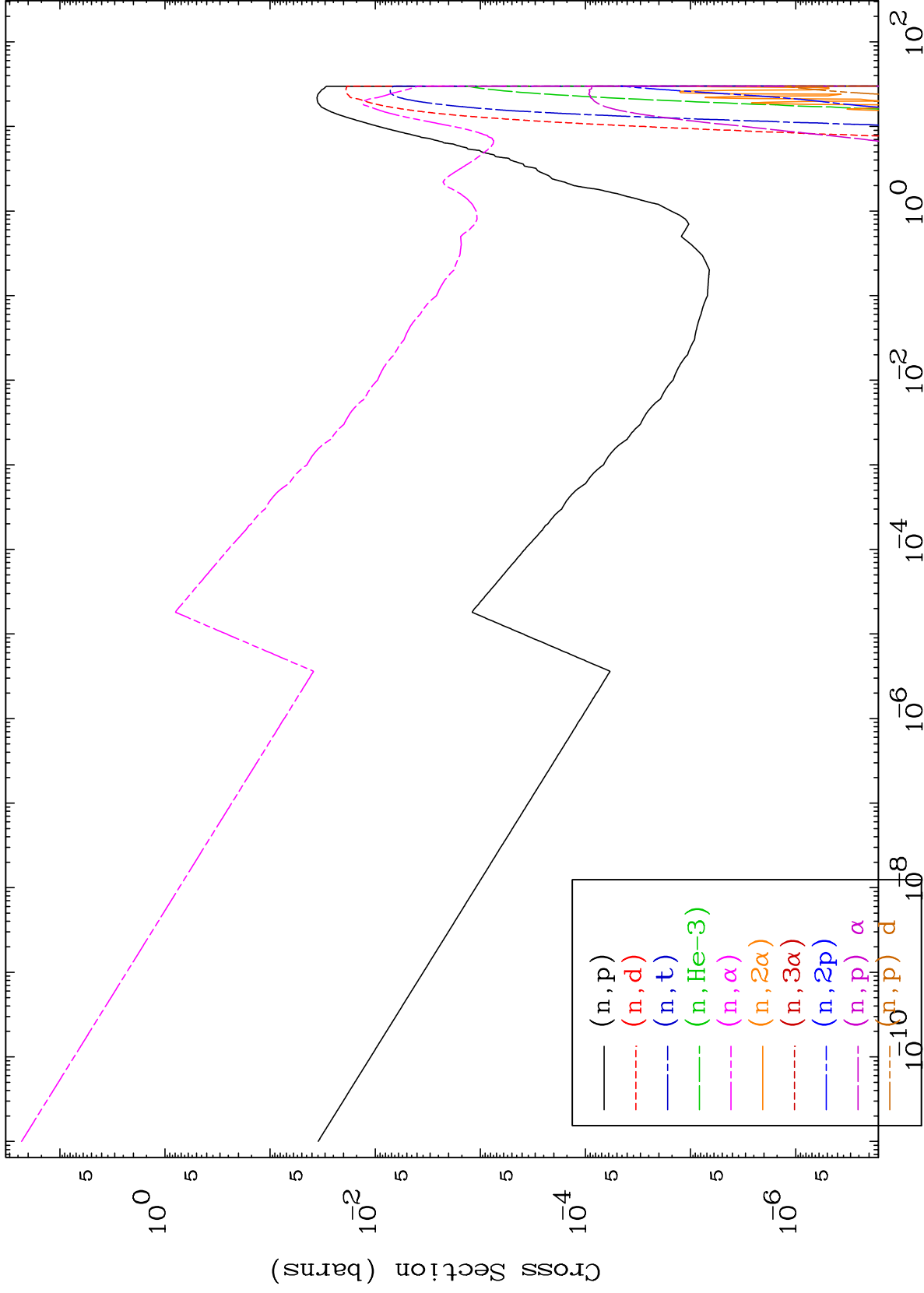
85-At-210



MAT 8546

Charged Particle  
293 Kelvin Cross Sections

85-At-210



5

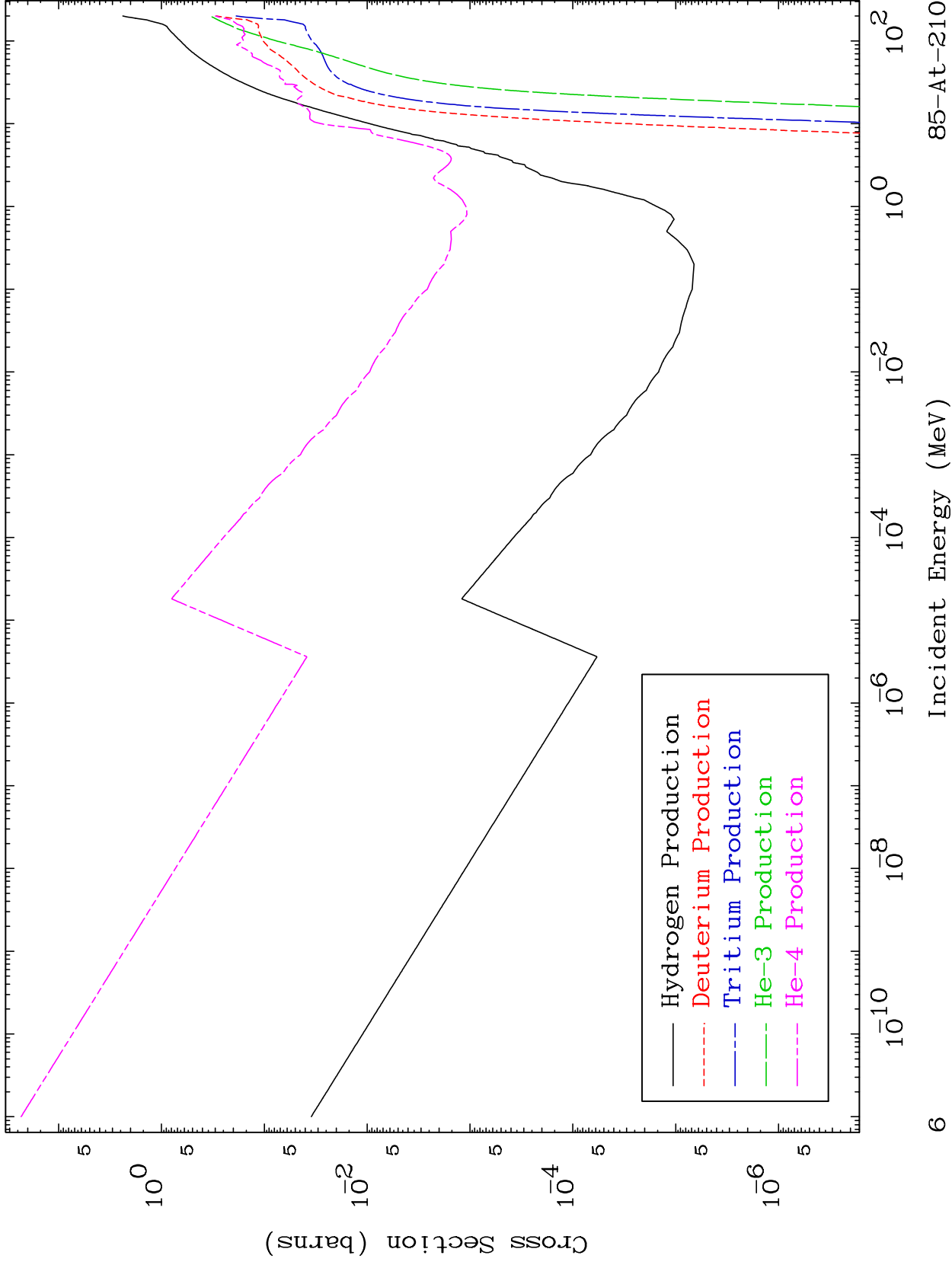
Incident Energy (MeV)

85-At-210

MAT 8546

Particle Production  
293 Kelvin Cross Sections

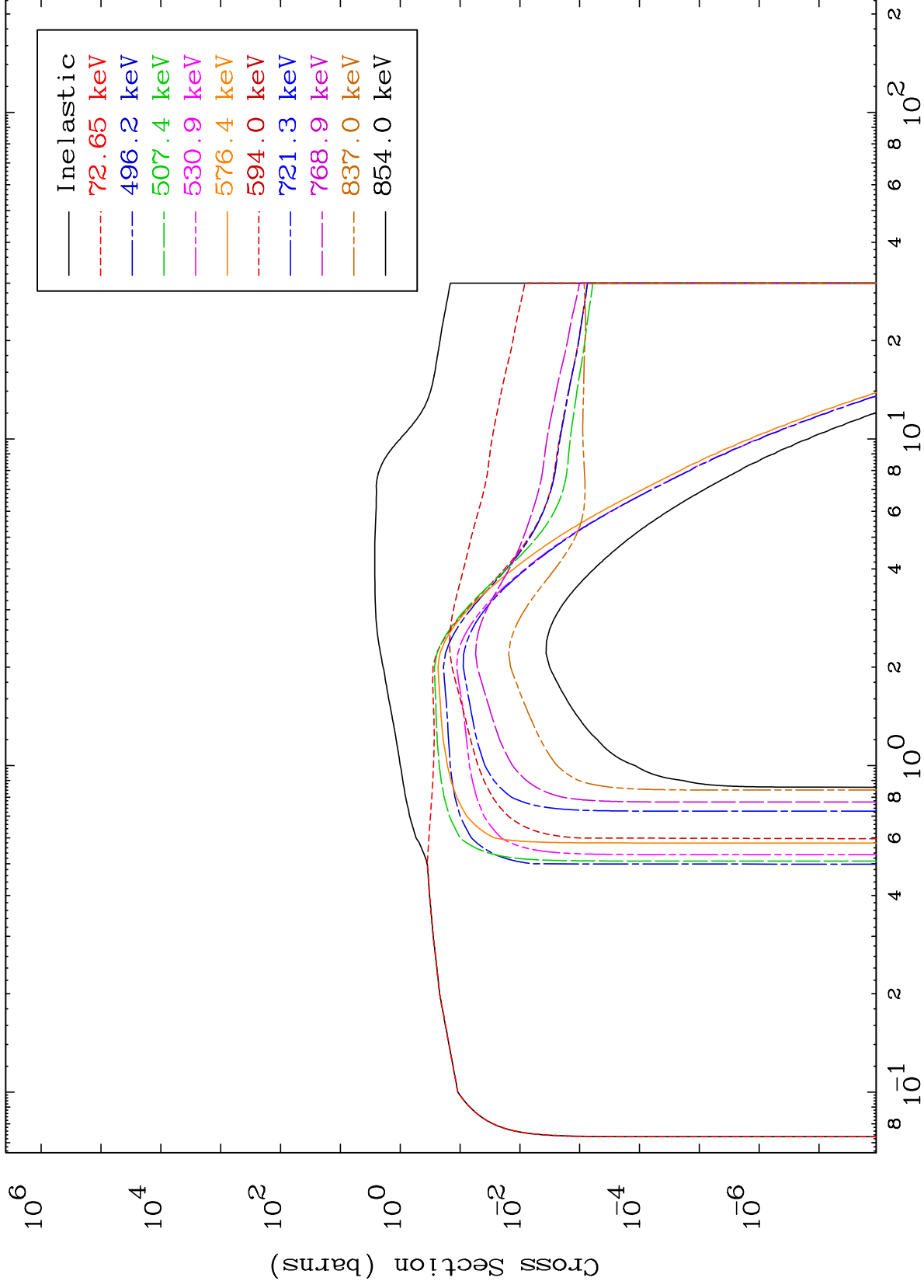
85-At-210



MAT 8546

(n,n') Level  
293 Kelvin Cross Sections

85-At-210



7

Incident Energy (MeV)

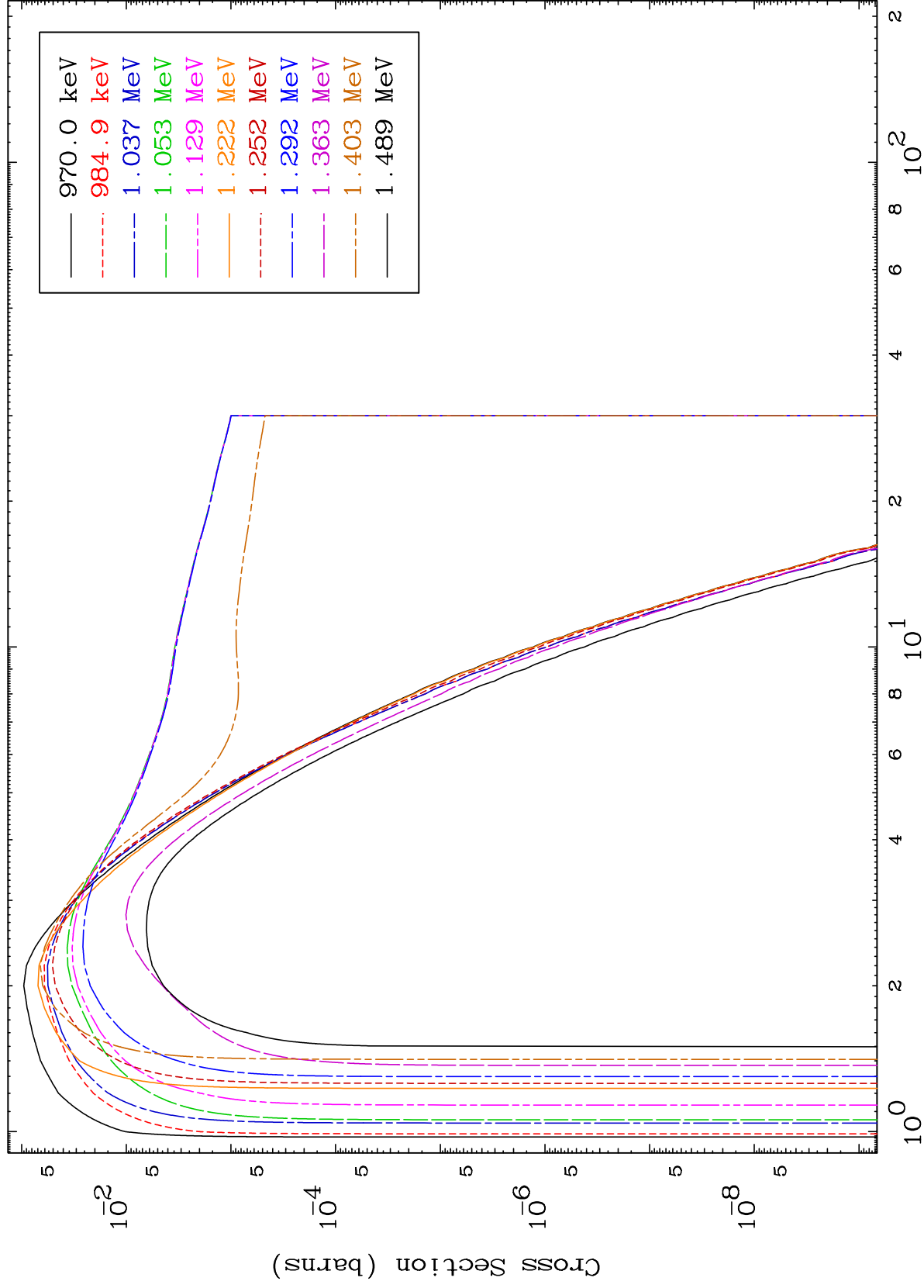
85-At-210



MAT 8546

(n,n') Level  
293 Kelvin Cross Sections

85-At-210



Incident Energy (MeV)

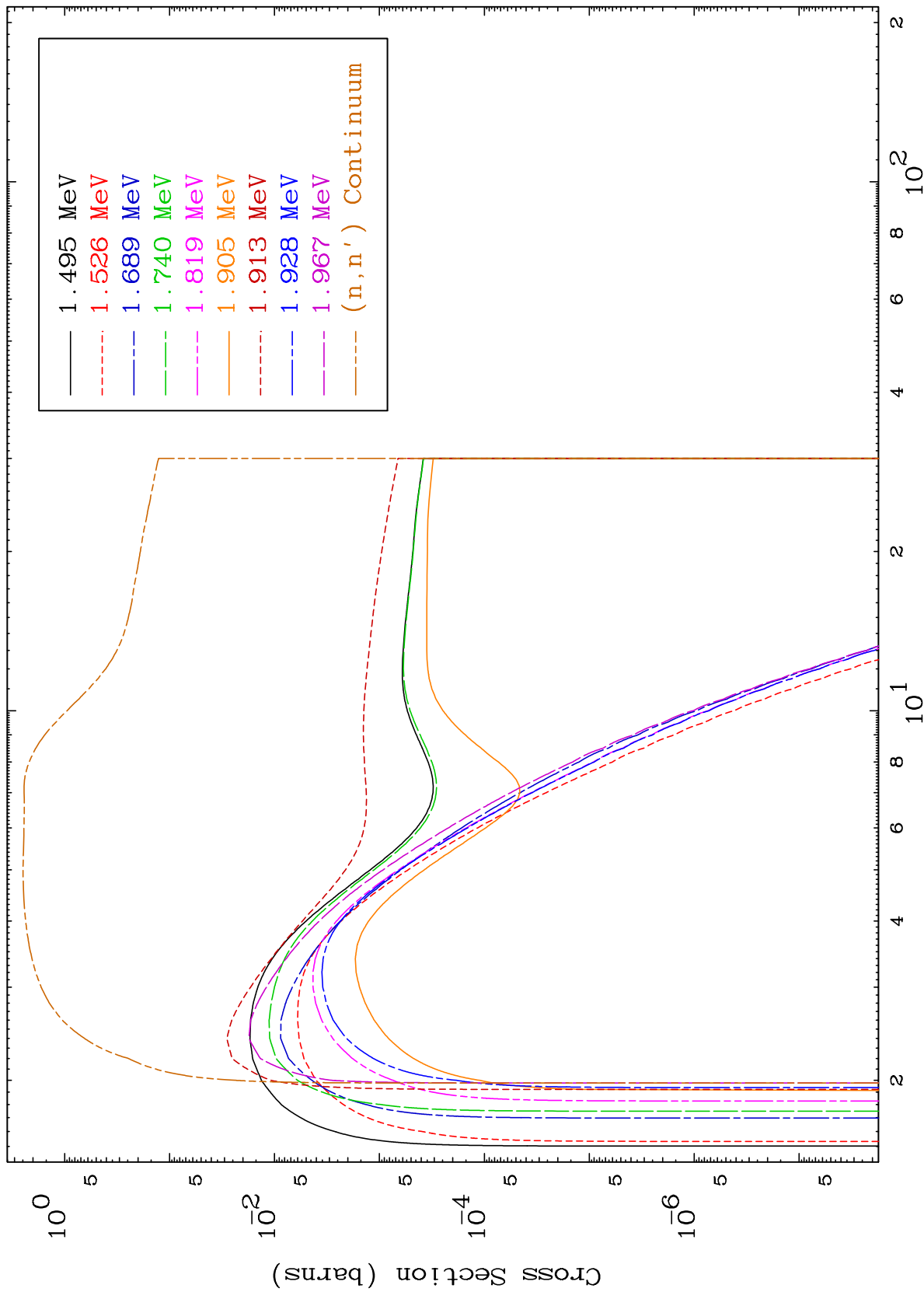
85-At-210

MAT 8546

(n,n') Level

85-At-210

293 Kelvin Cross Sections



9

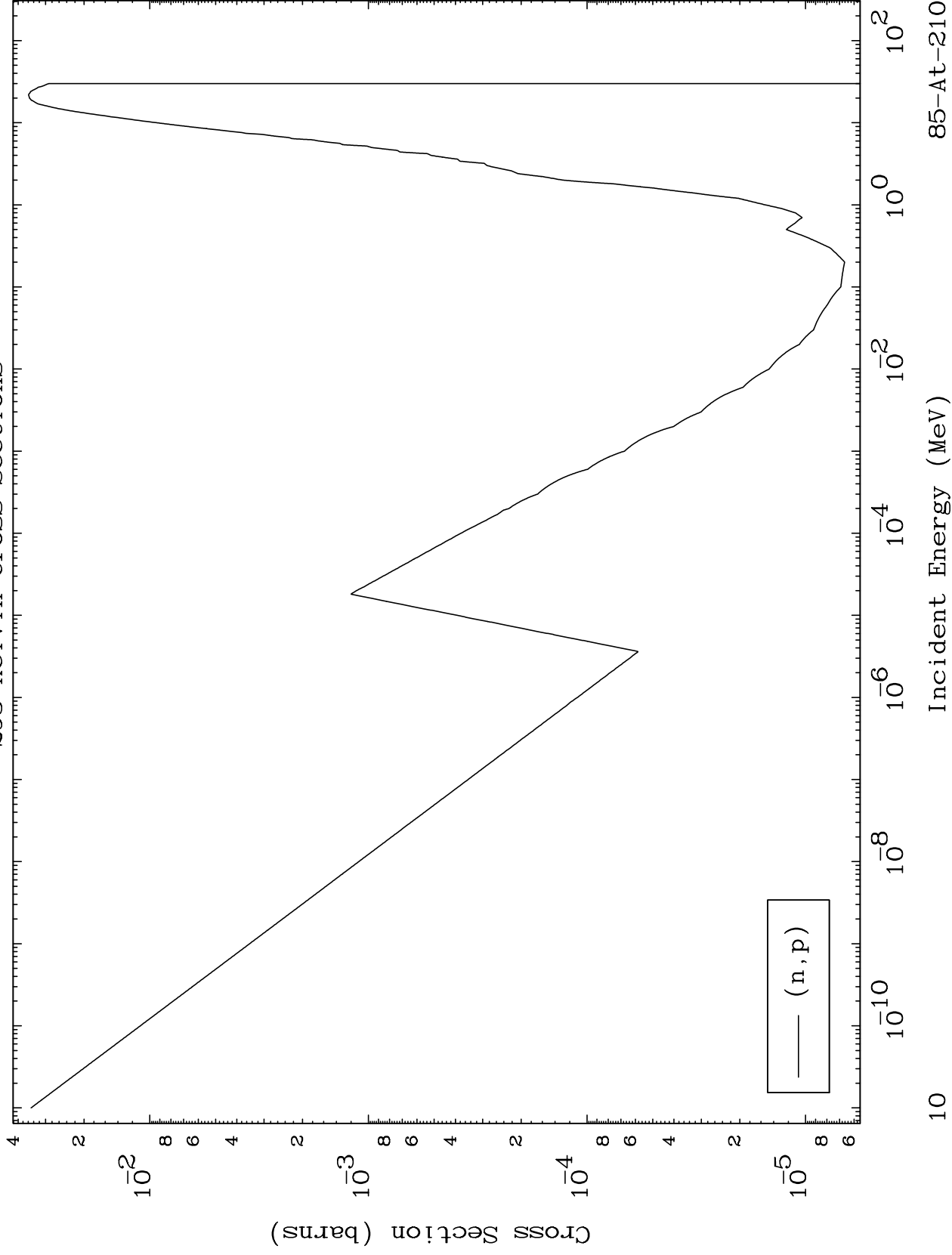
Incident Energy (MeV)

85-At-210

MAT 8546

(n,p) Levels  
293 Kelvin Cross Sections

85-At-210



10

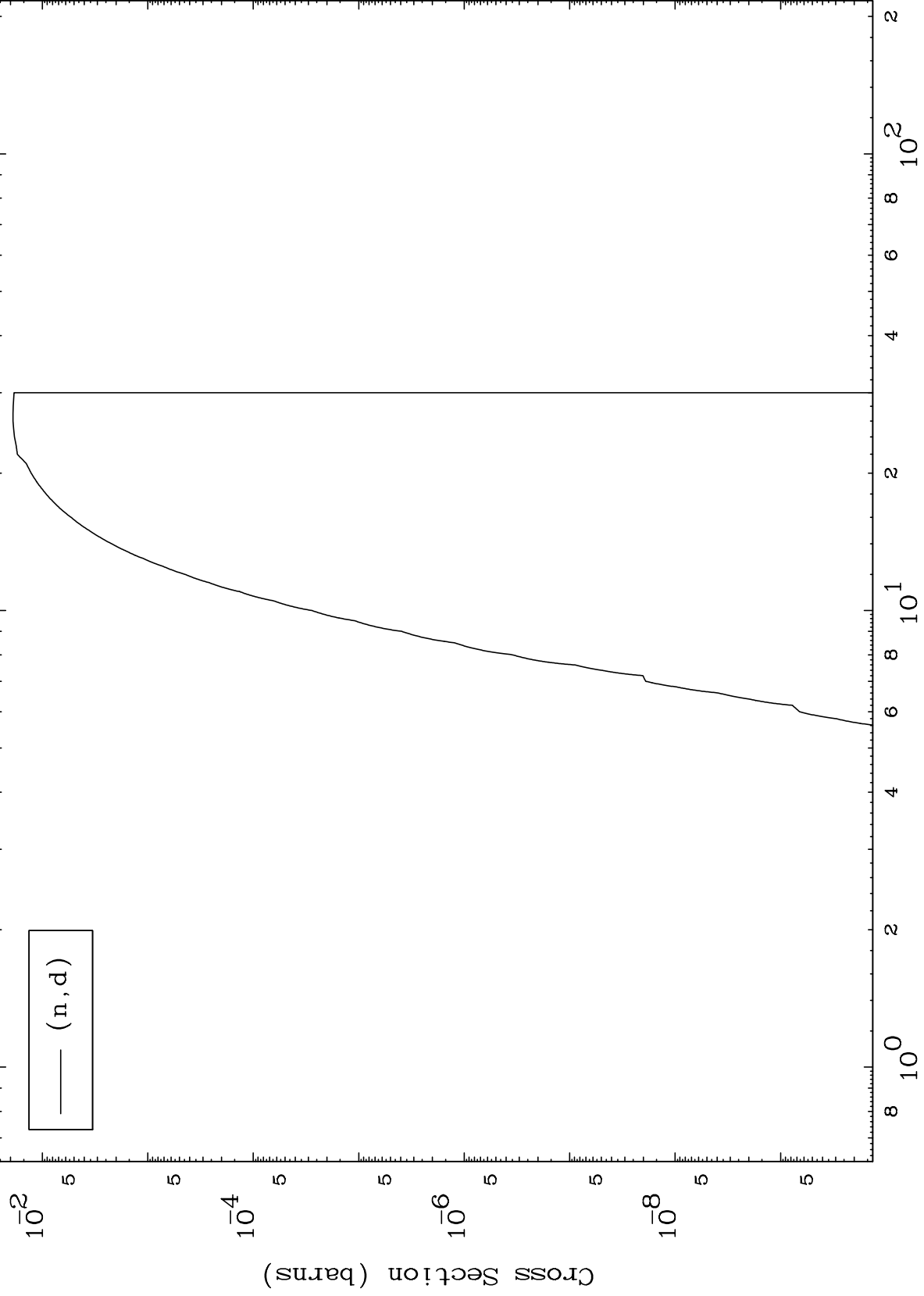
Incident Energy (MeV)

85-At-210

MAT 8546

(n,d) Levels  
293 Kelvin Cross Sections

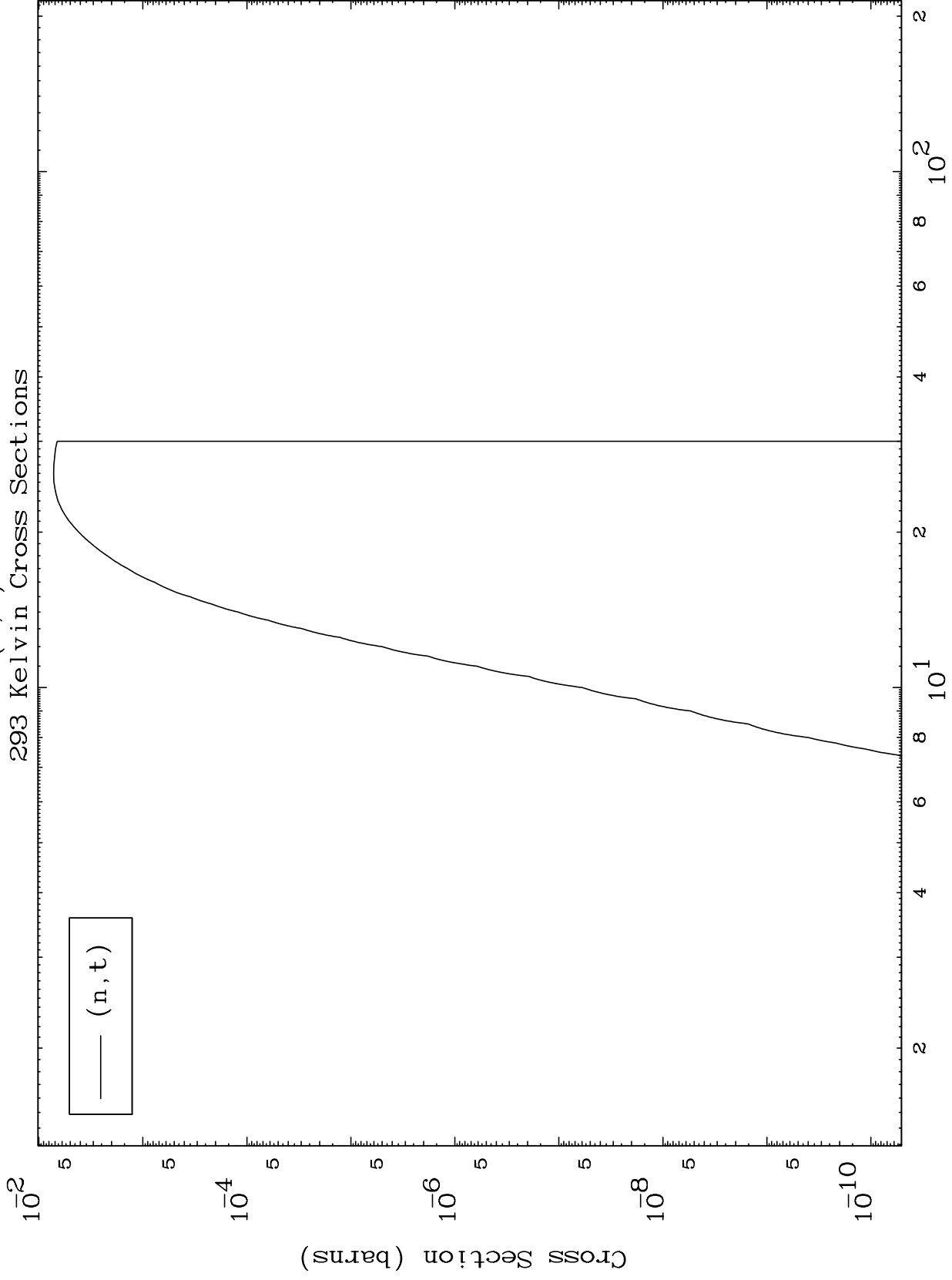
85-At-210



MAT 8546

(n,t) Levels  
293 Kelvin Cross Sections

85-At-210



12

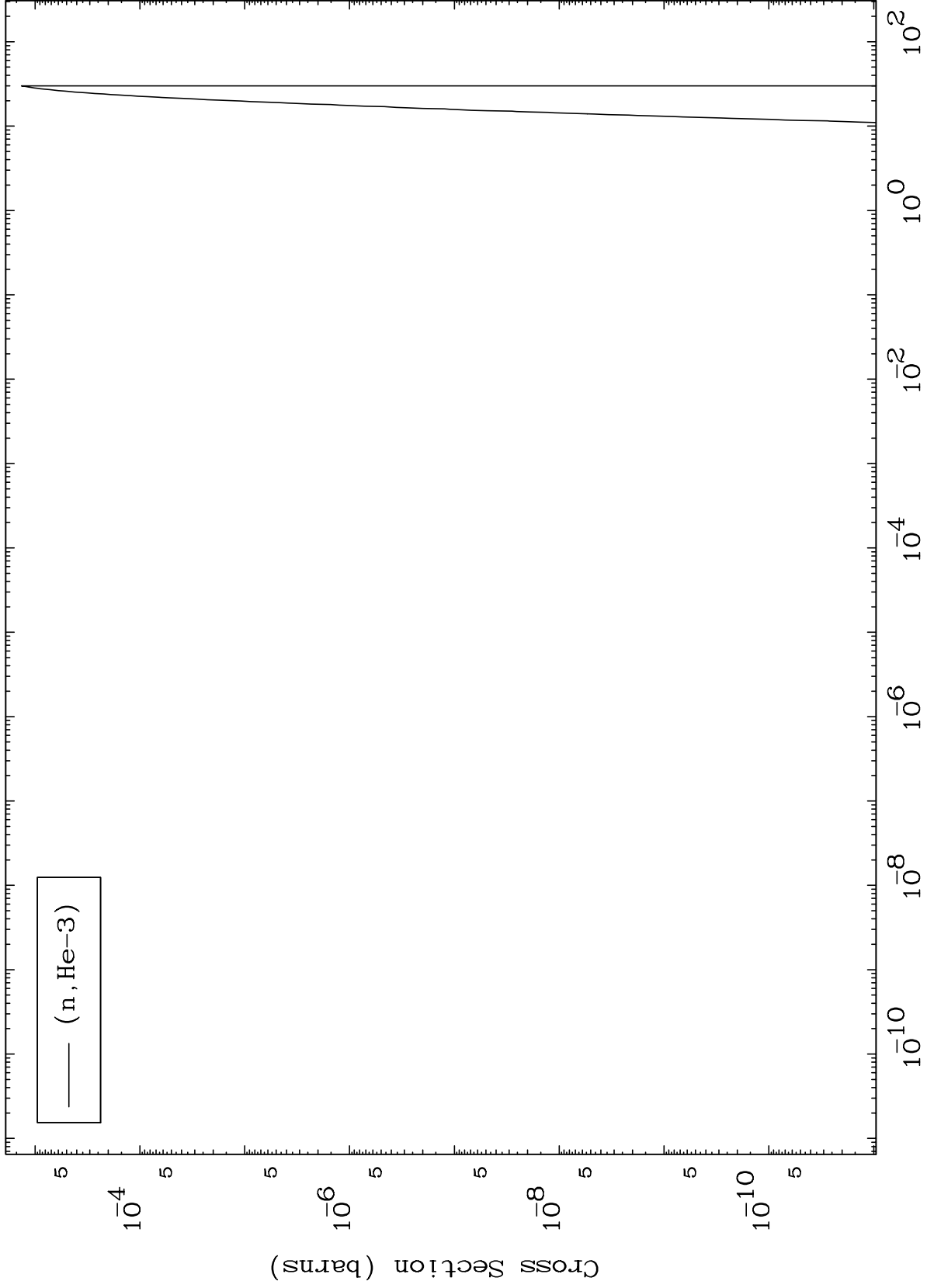
Incident Energy (MeV)

85-At-210

MAT 8546

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-210



13

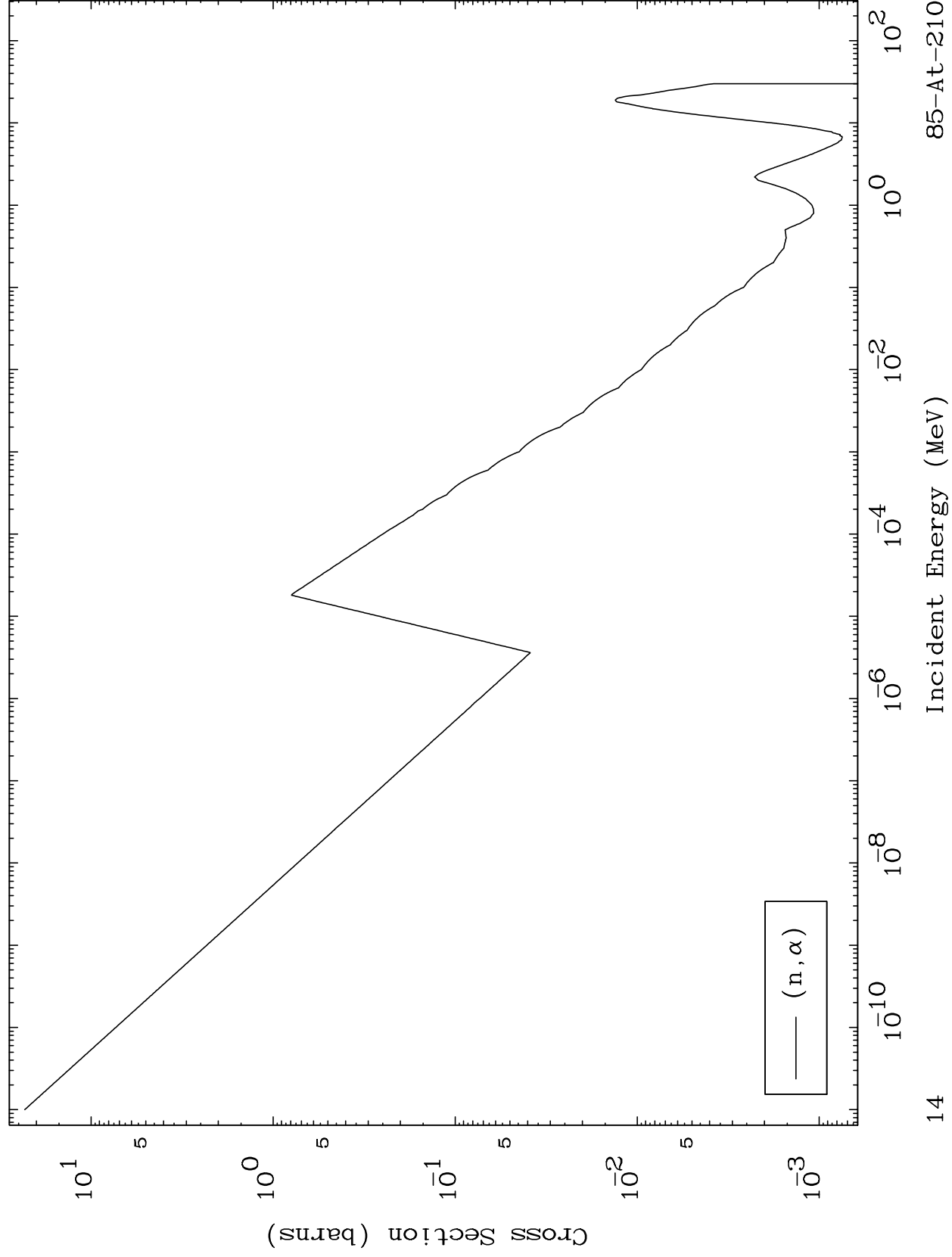
Incident Energy (MeV)

85-At-210

MAT 8546

(n,α) Levels  
293 Kelvin Cross Sections

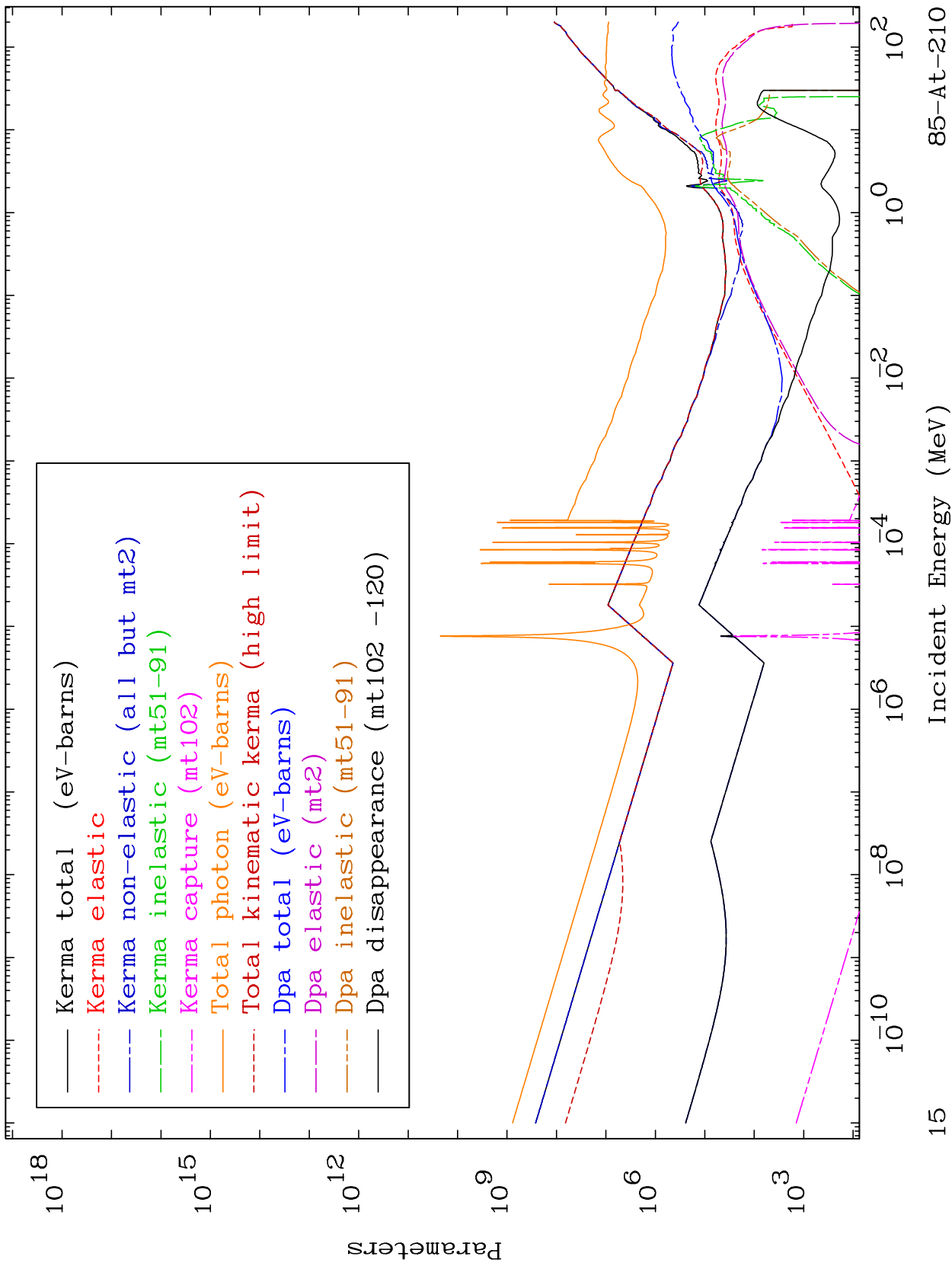
85-At-210



14

Incident Energy (MeV)

85-At-210

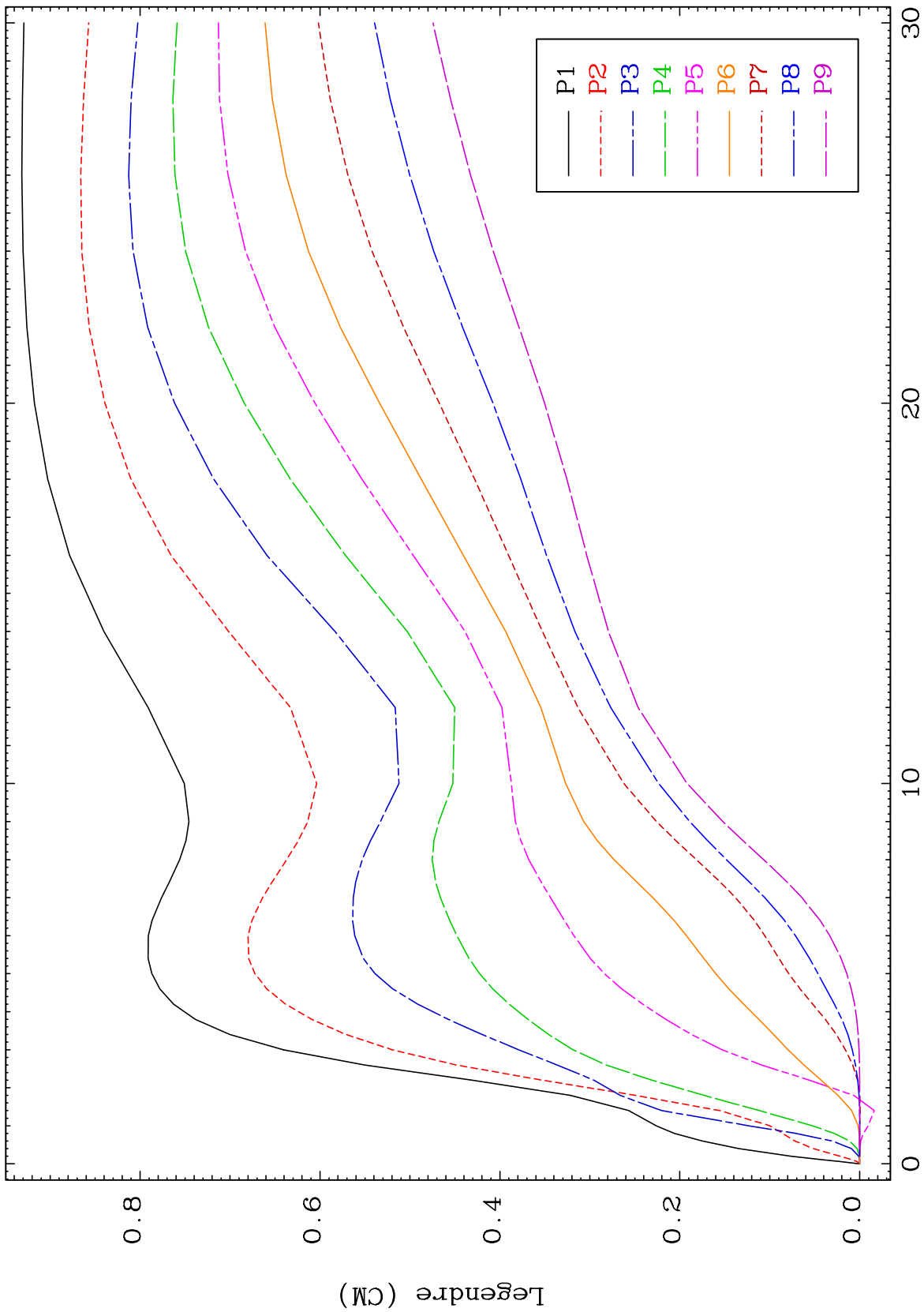




MAT 8546

85-At-210

Elastic Legendre Coefficients



16

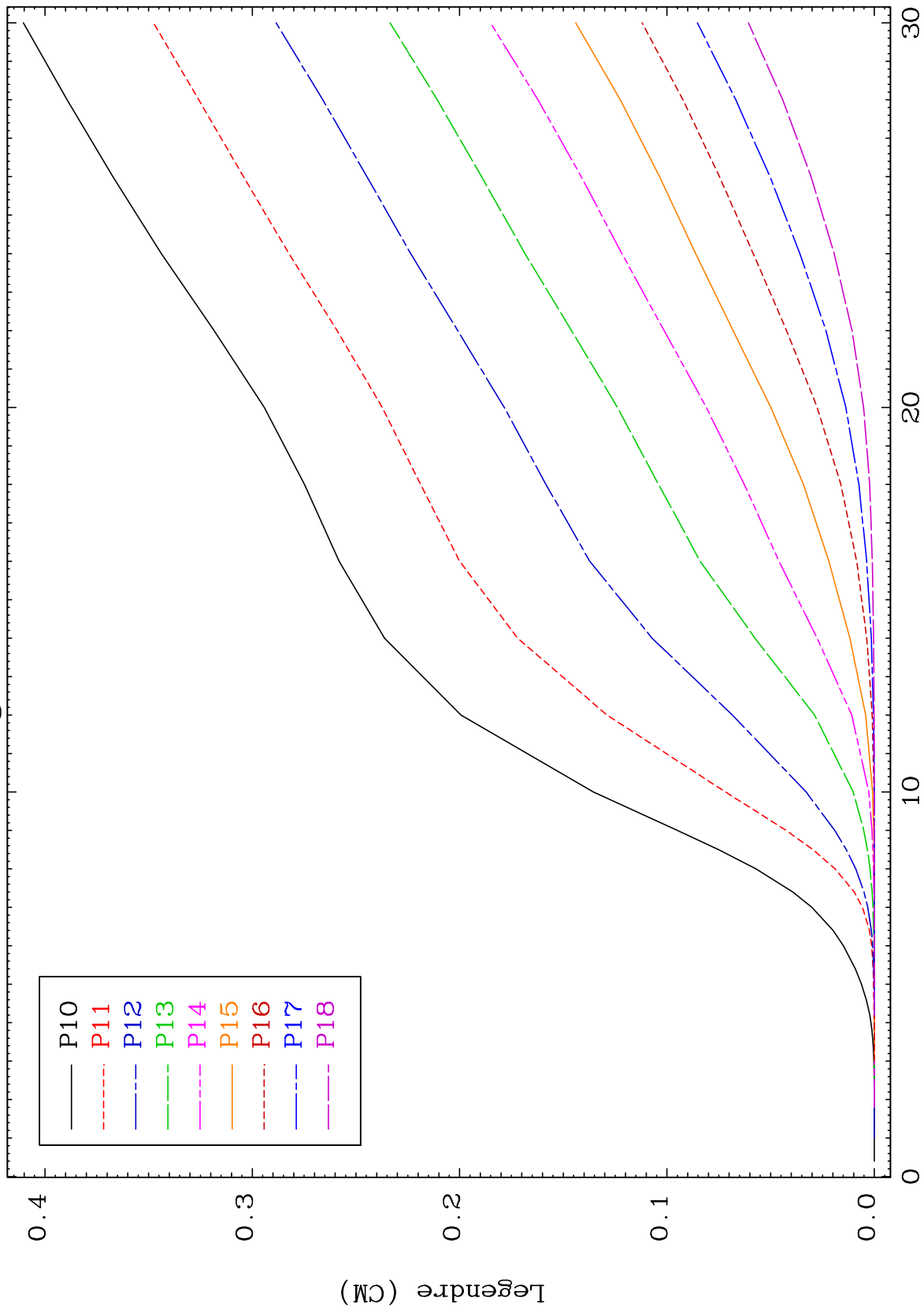
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic Legendre Coefficients

85-At-210



17

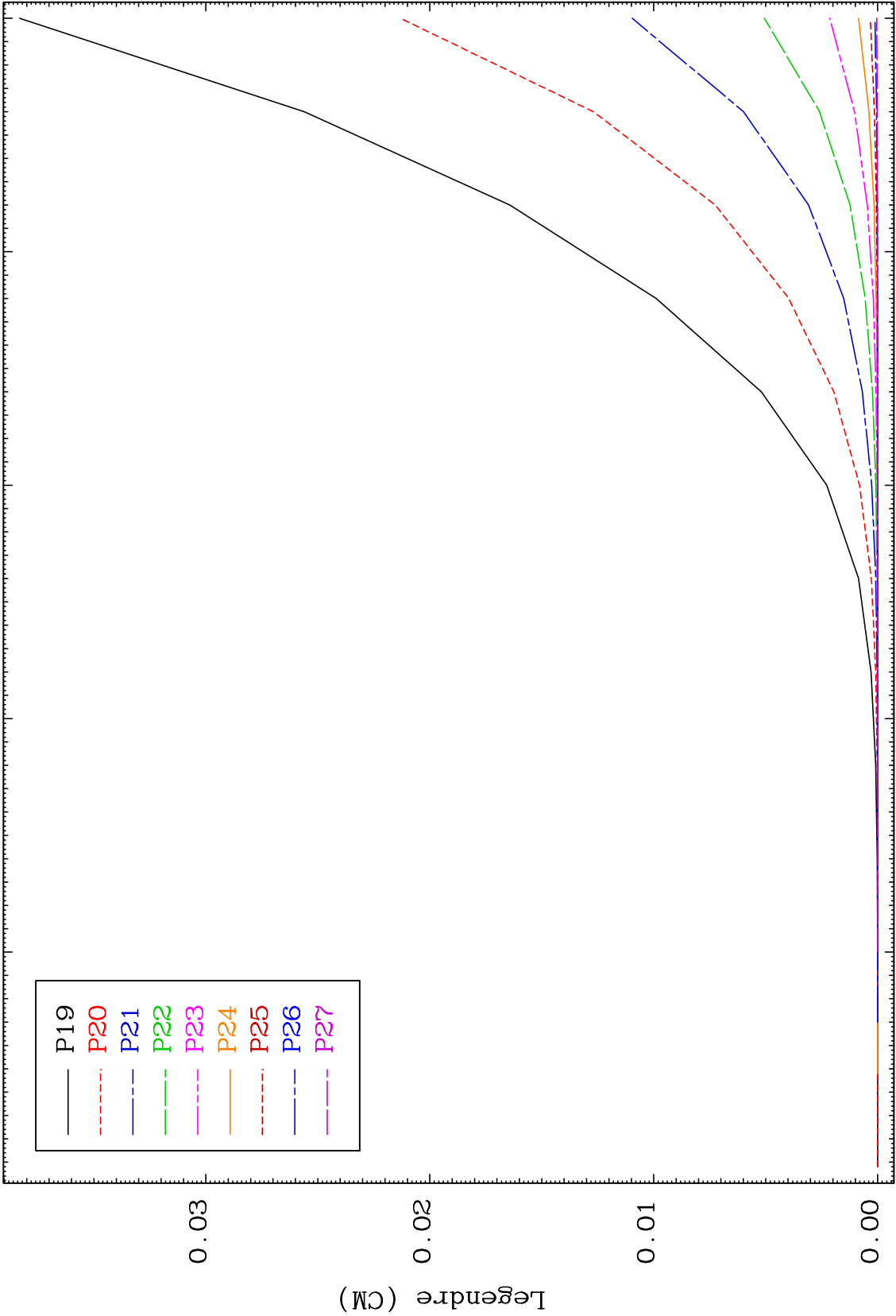
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic Legendre Coefficients

85-At-210



18

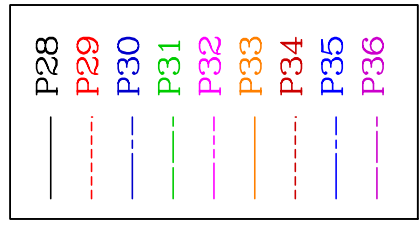
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic  
Legendre Coefficients

85-At-210



$\times 10^{-5}$

Legendre (CM)

1.0

0.5

0.0

15

20

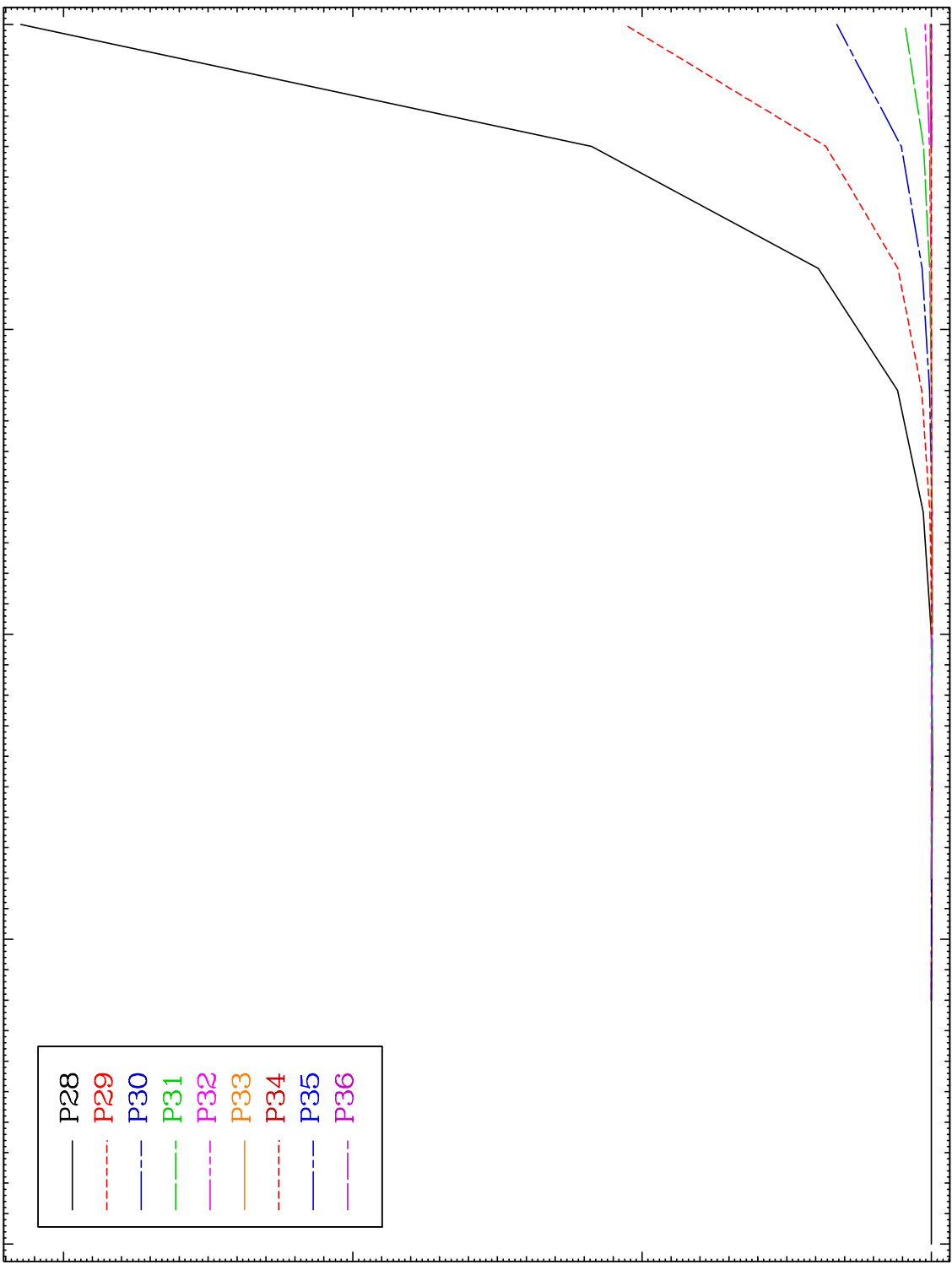
25

30

19

Incident Energy (MeV)

85-At-210

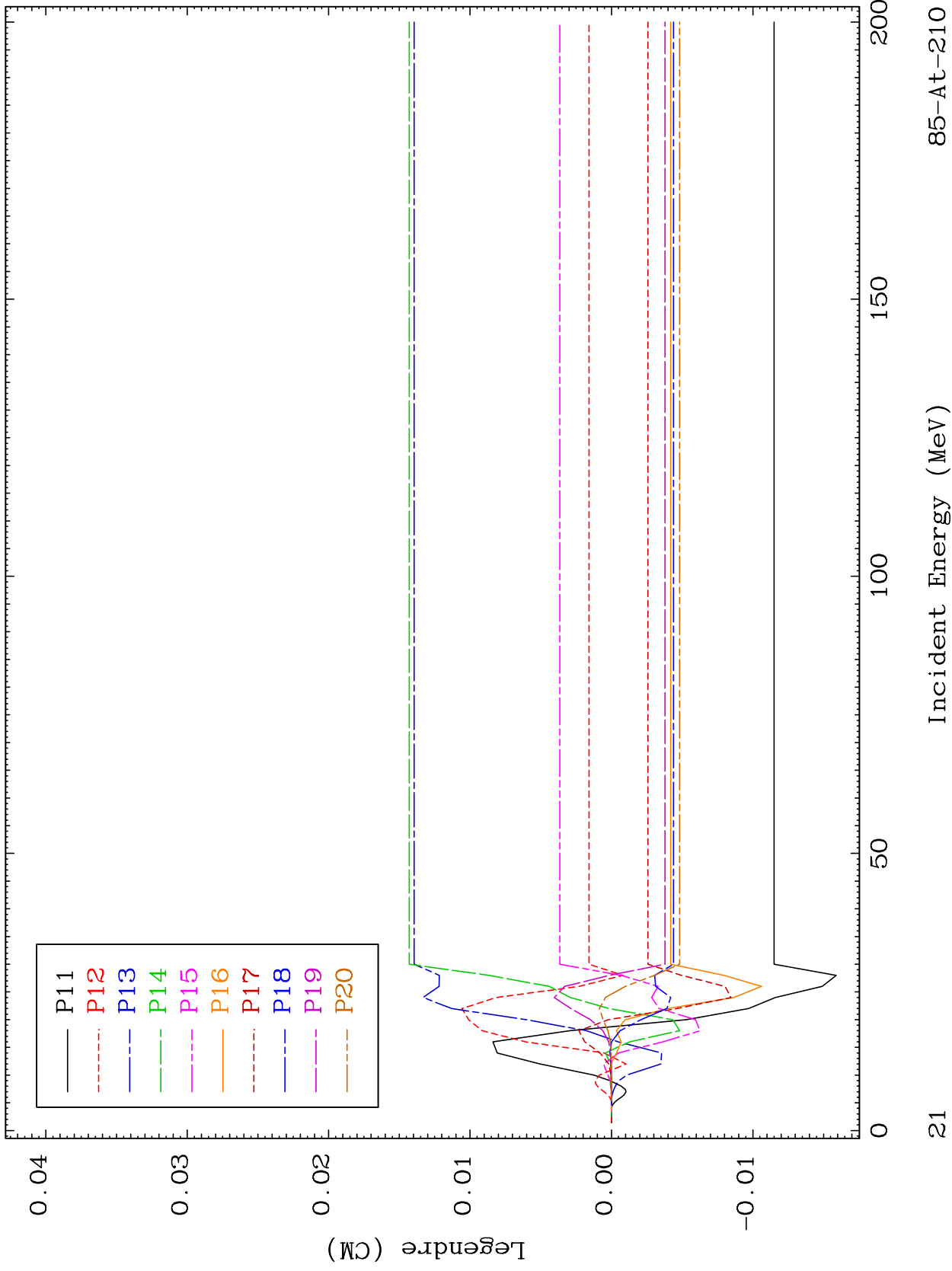




MAT 8546

72.65 keV (n,n') Level  
Legendre Coefficients

85-At-210



21

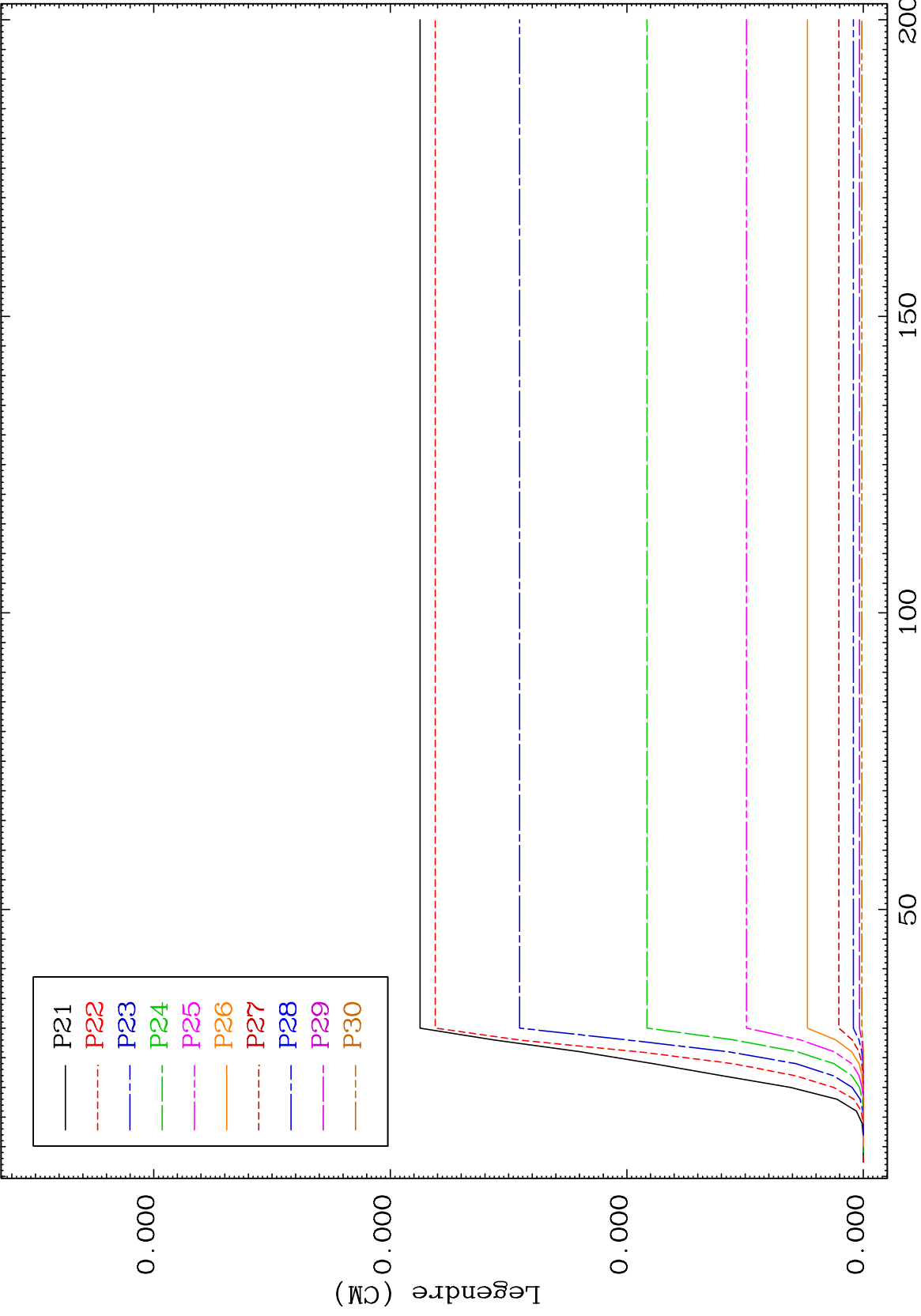
Incident Energy (MeV)

85-At-210

MAT 8546

72.65 keV (n,n') Level  
Legendre Coefficients

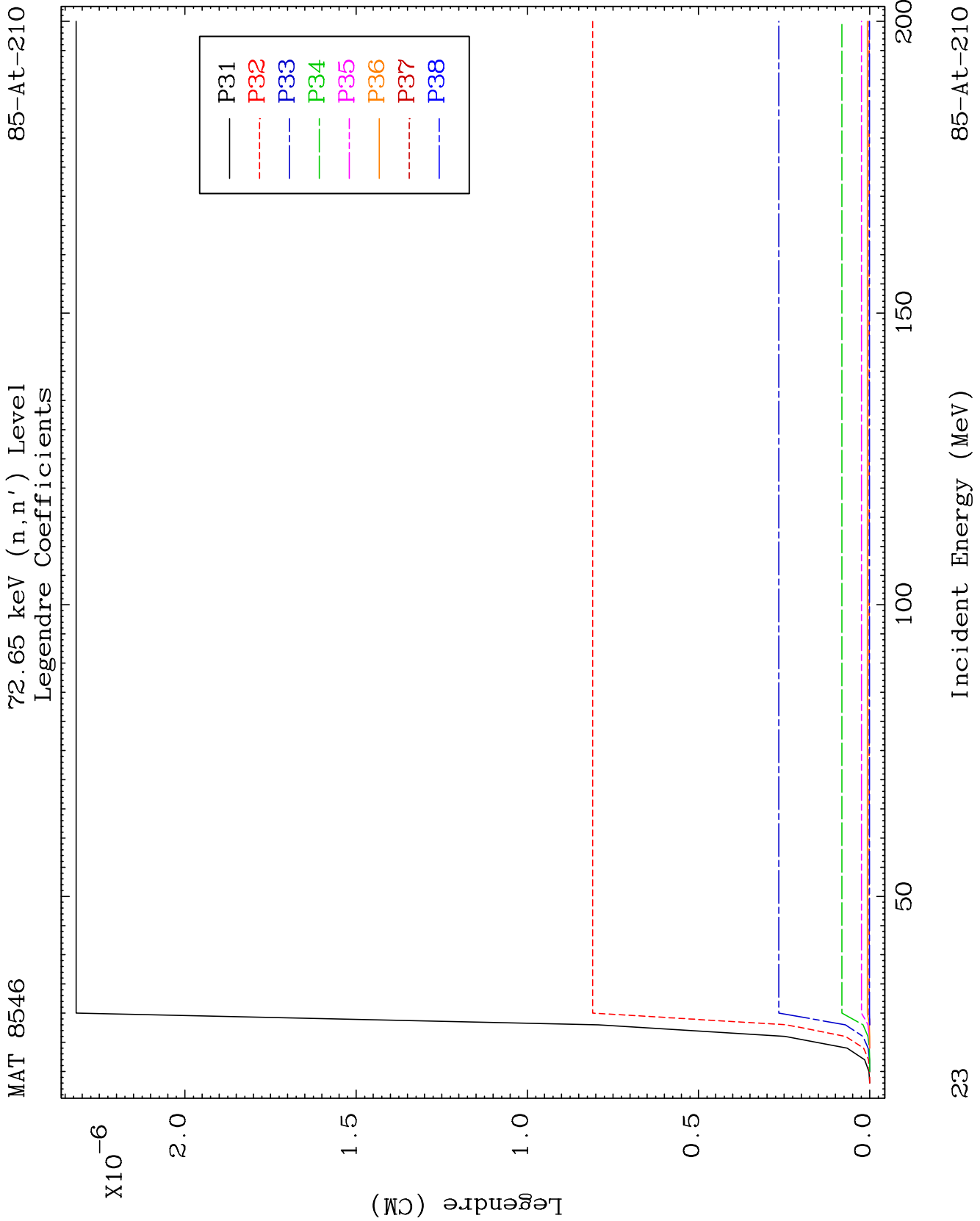
85-At-210



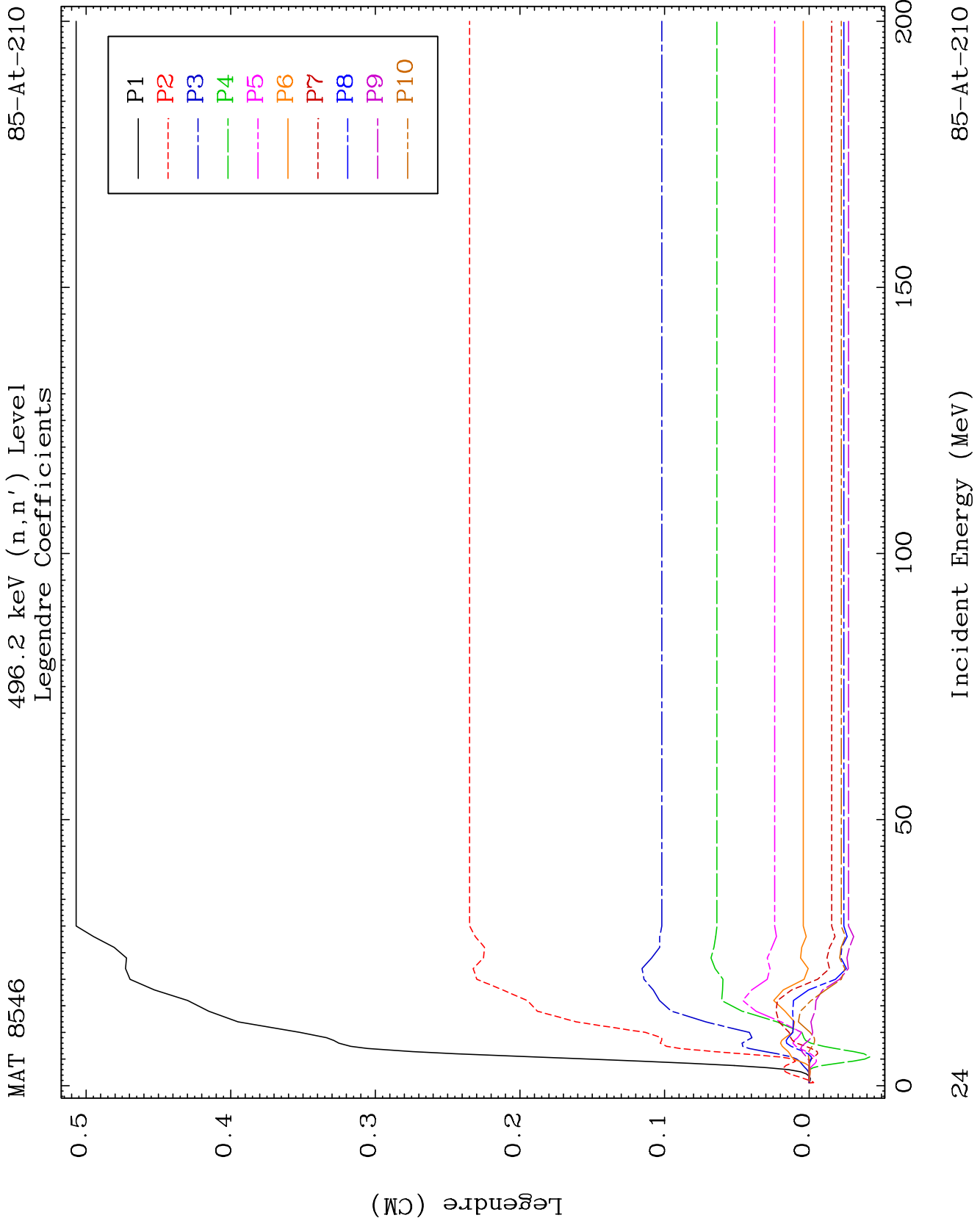
22

Incident Energy (MeV)

85-At-210



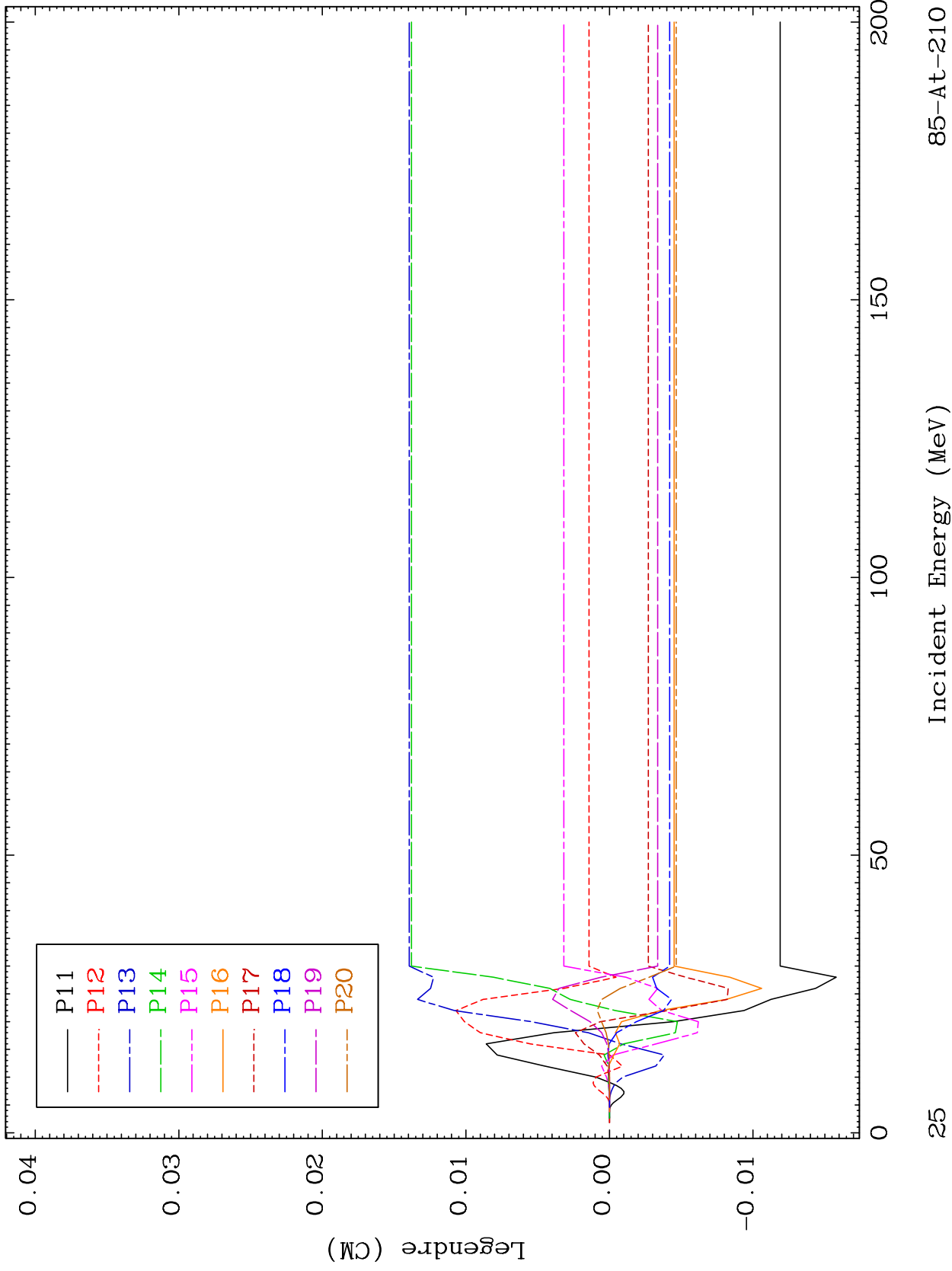




MAT 8546

496.2 keV (n,n') Level  
Legendre Coefficients

85-At-210



85-At-210

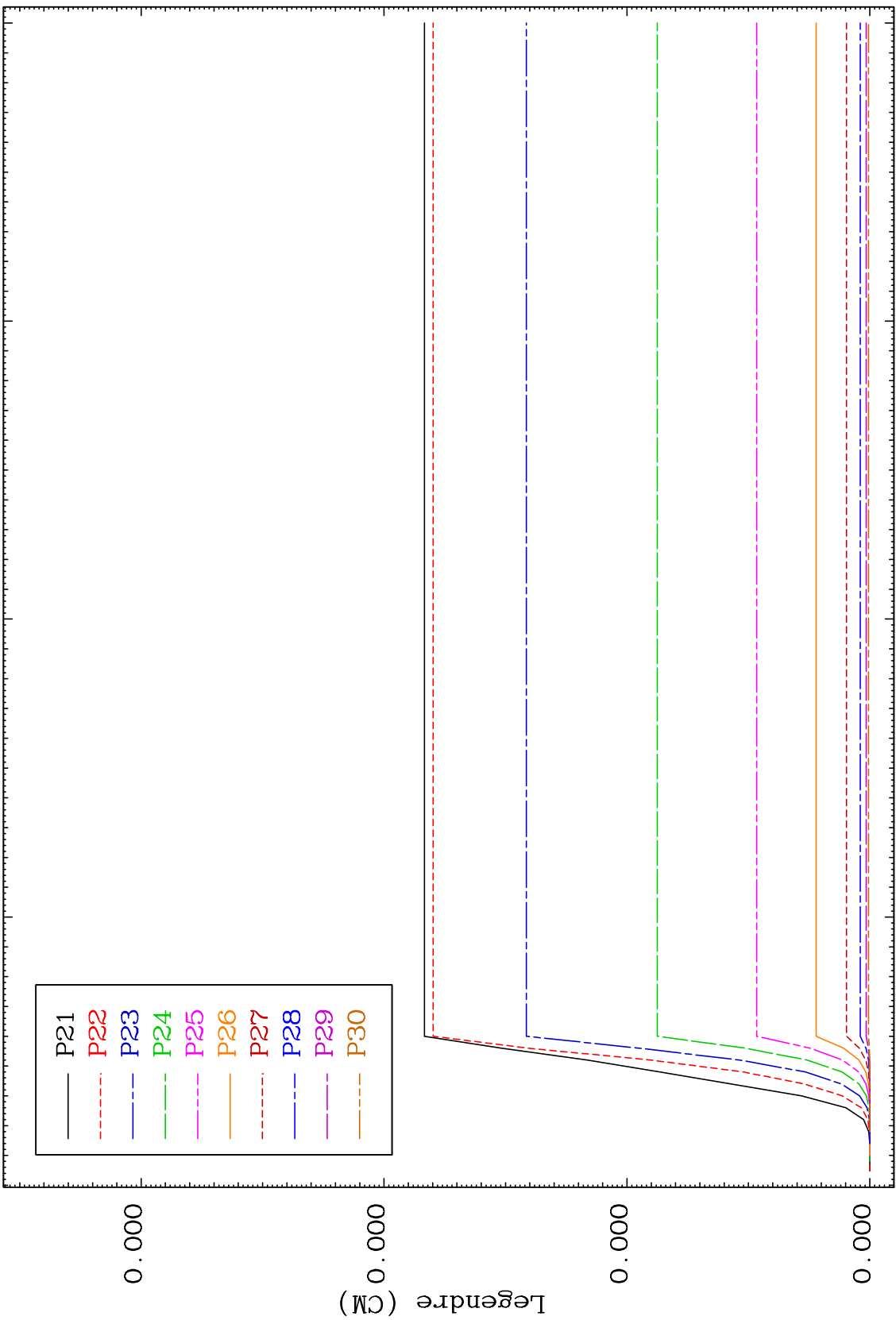
Incident Energy (MeV)

25

MAT 8546

496.2 keV (n,n') Level  
Legendre Coefficients

85-At-210



200

150

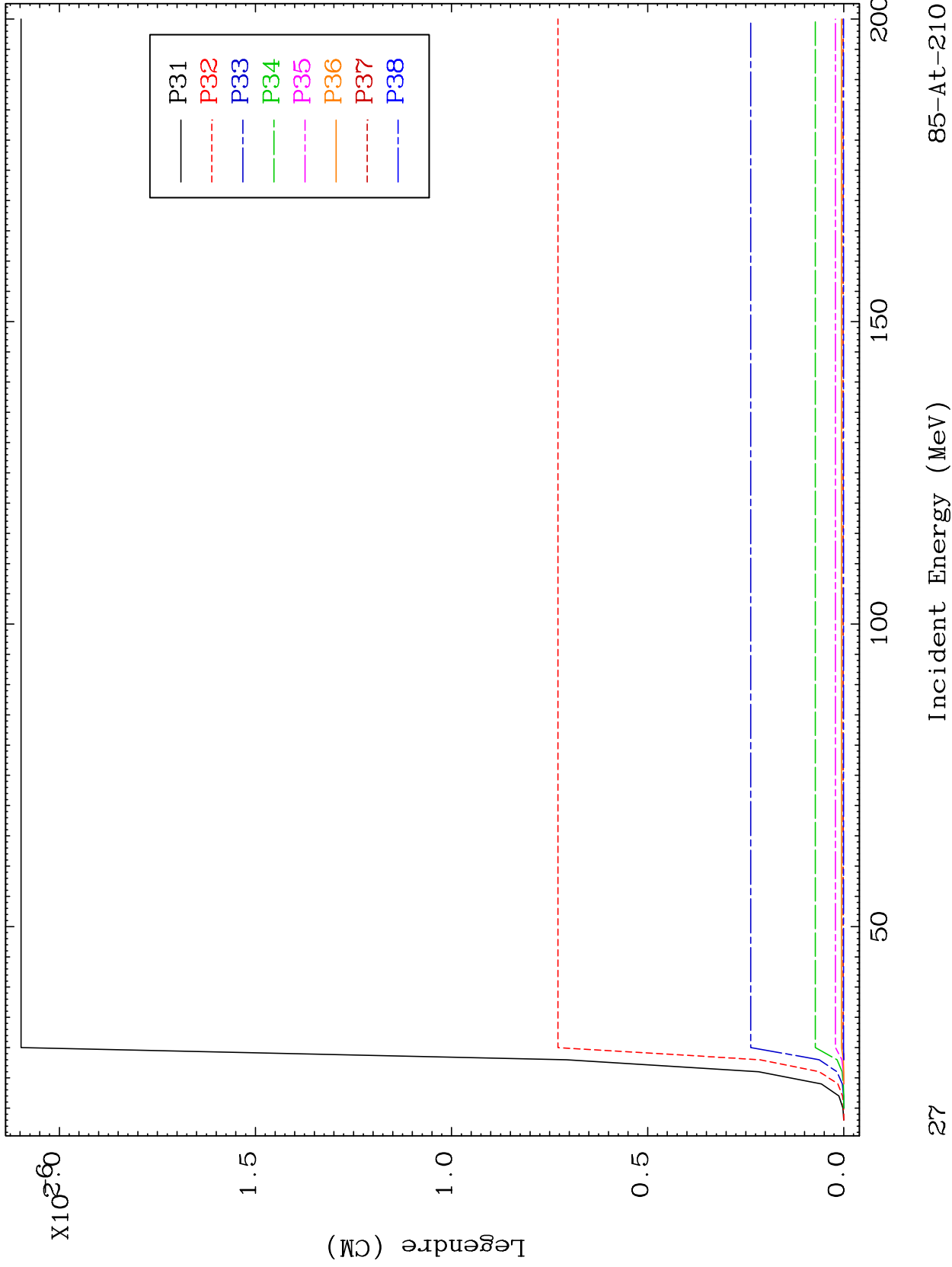
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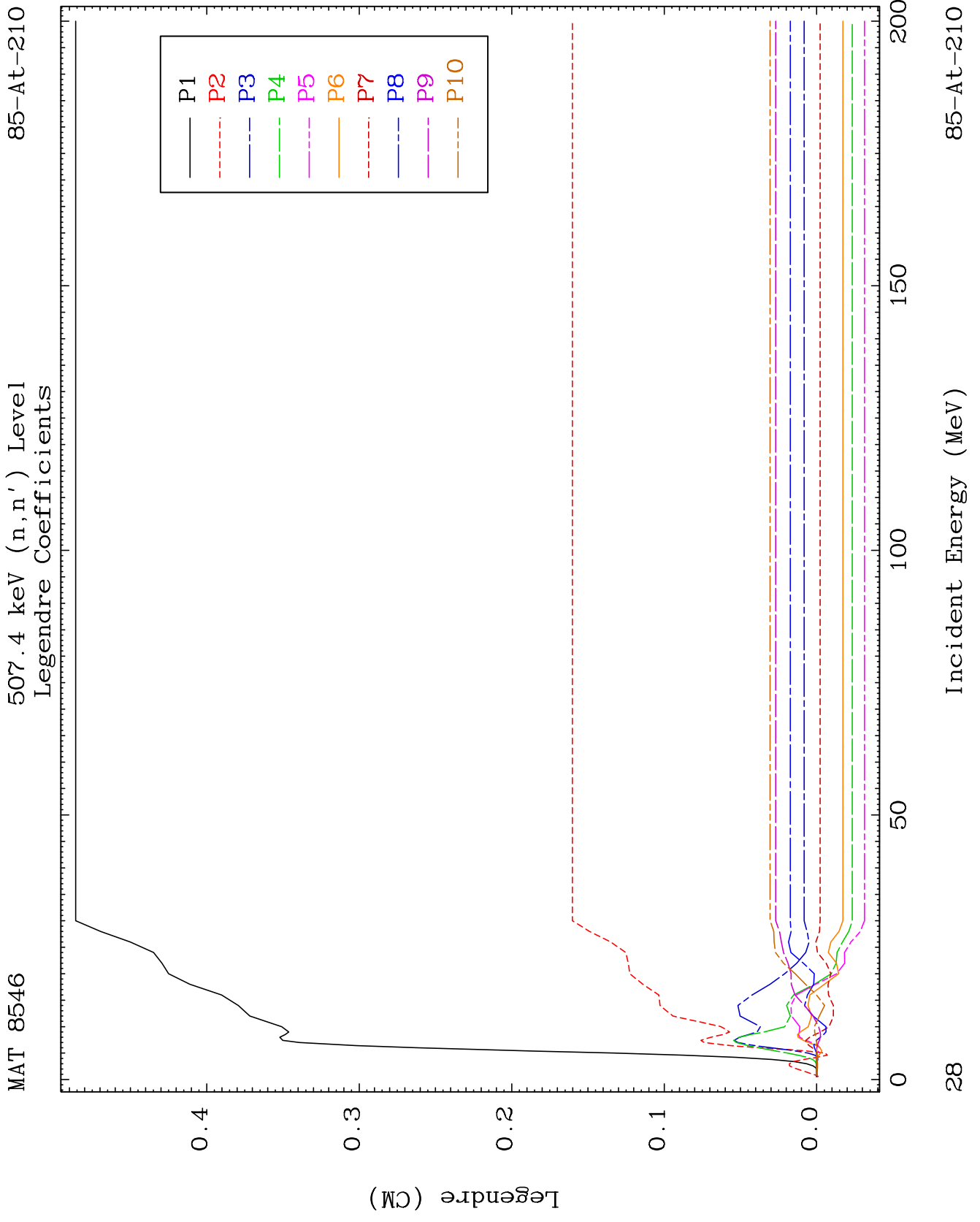
50

26

Incident Energy (MeV)

85-At-210

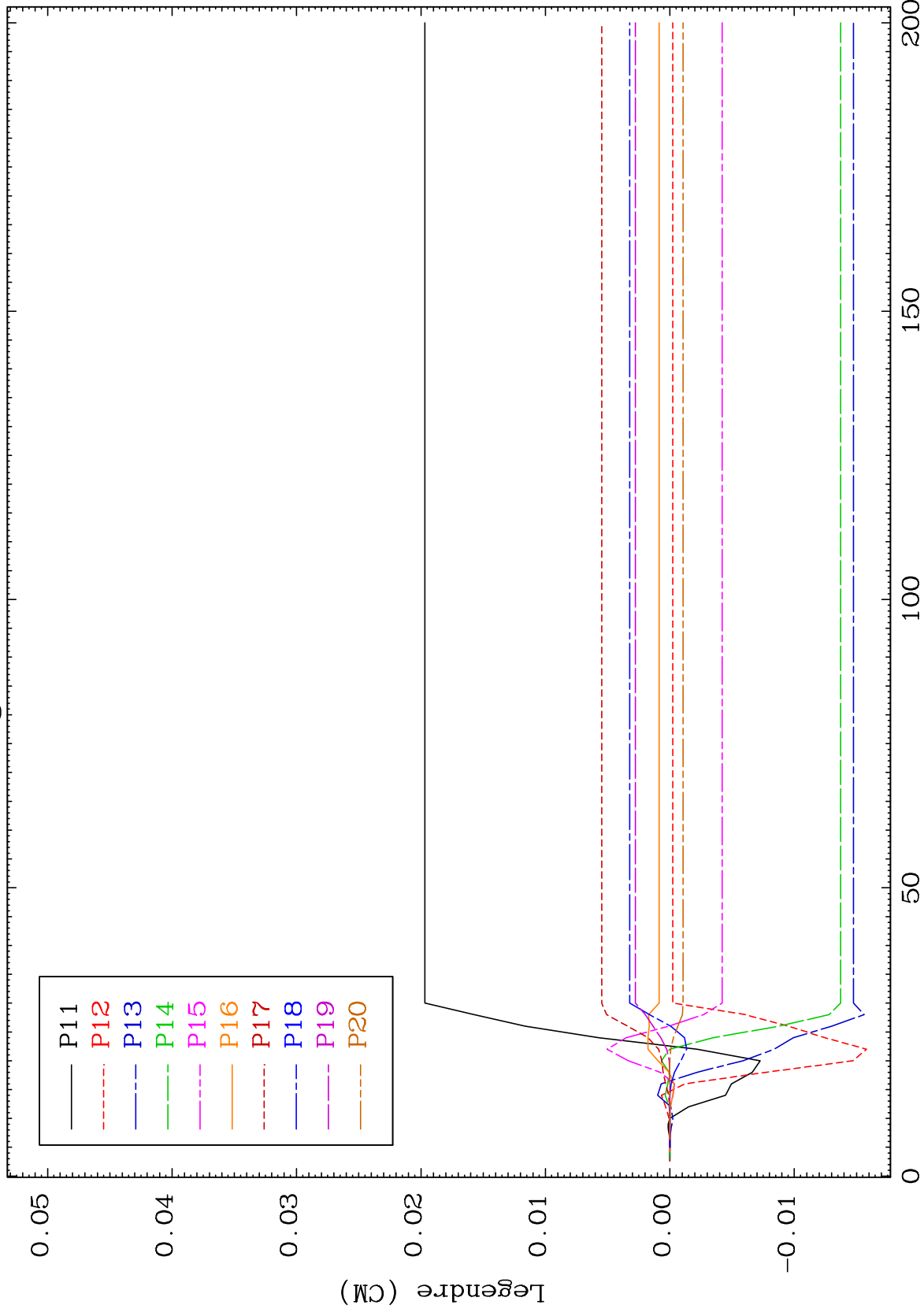




MAT 8546

507.4 keV (n,n') Level  
Legendre Coefficients

85-At-210



29

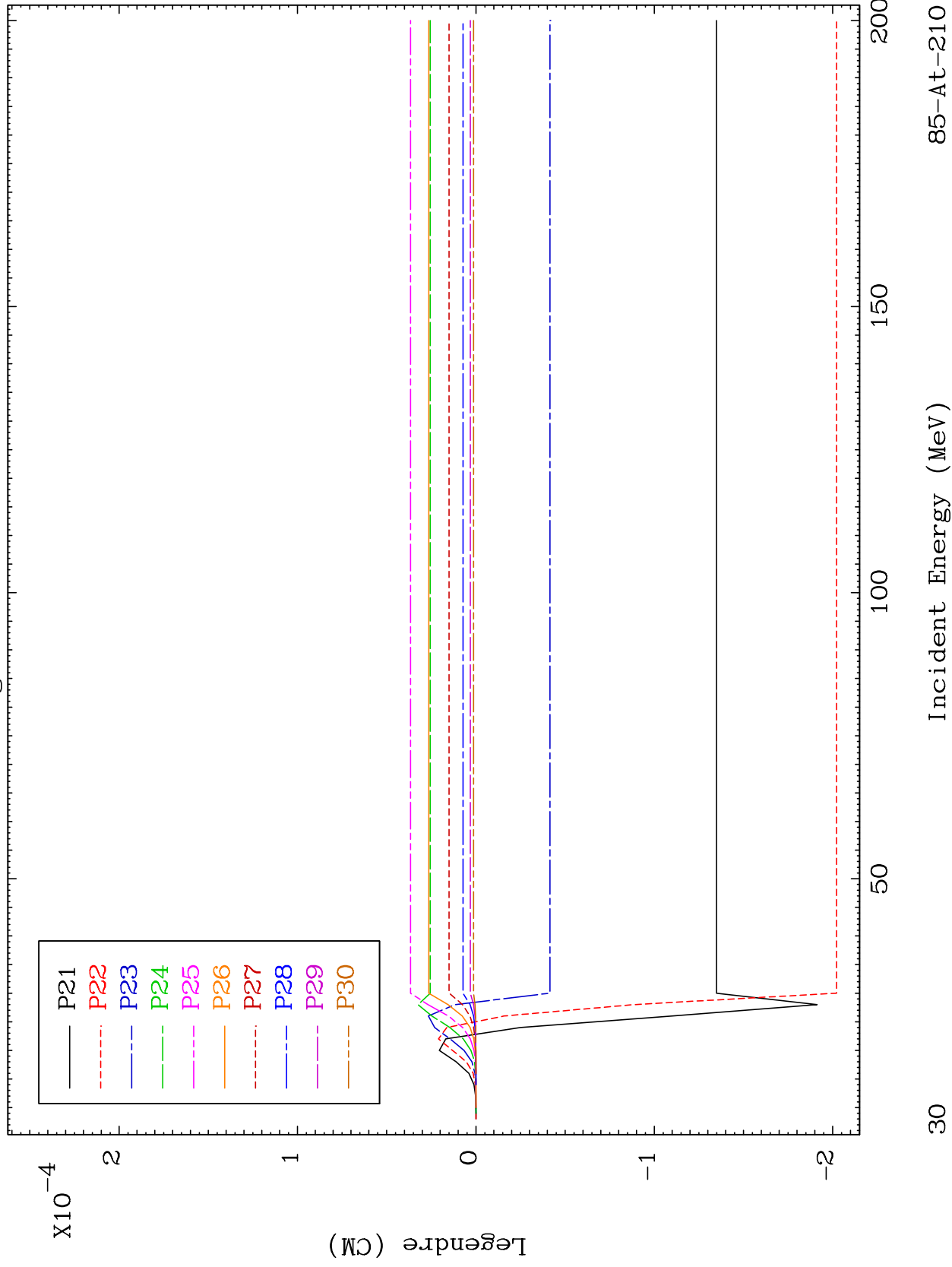
Incident Energy (MeV)

85-At-210

MAT 8546

507.4 keV (n,n') Level  
Legendre Coefficients

85-At-210



30

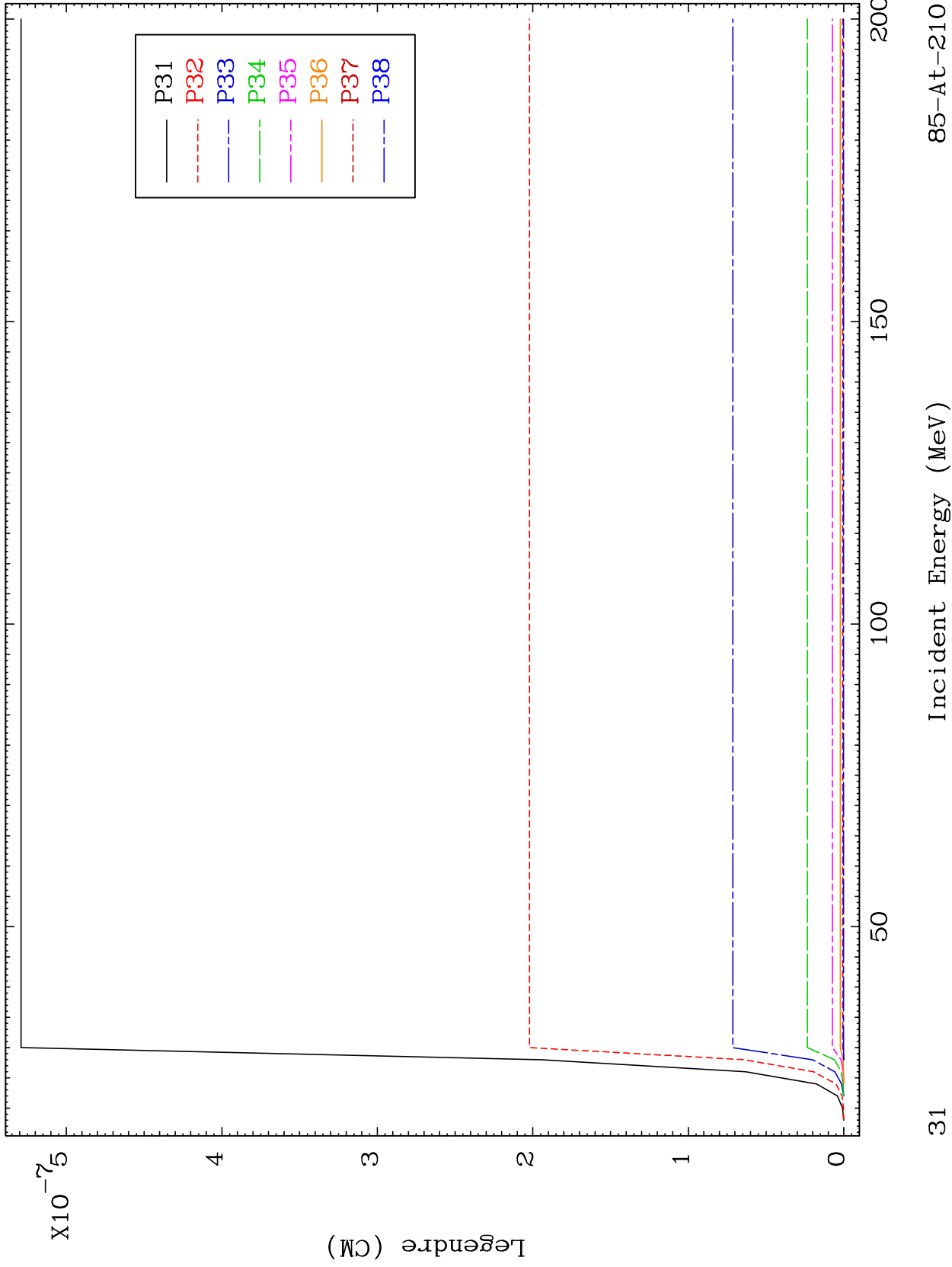
Incident Energy (MeV)

85-At-210

MAT 8546

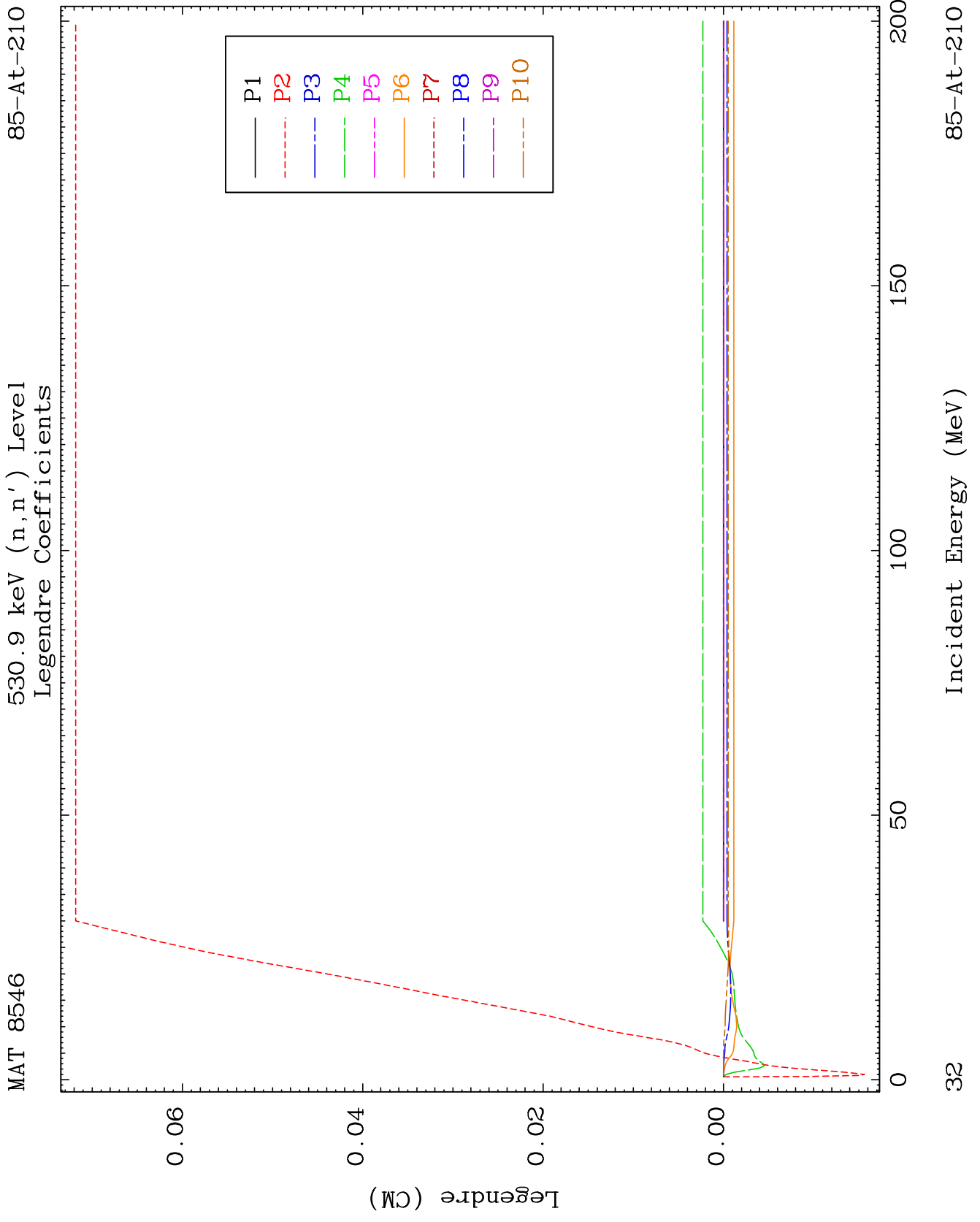
507.4 keV (n,n') Level  
Legendre Coefficients

85-At-210

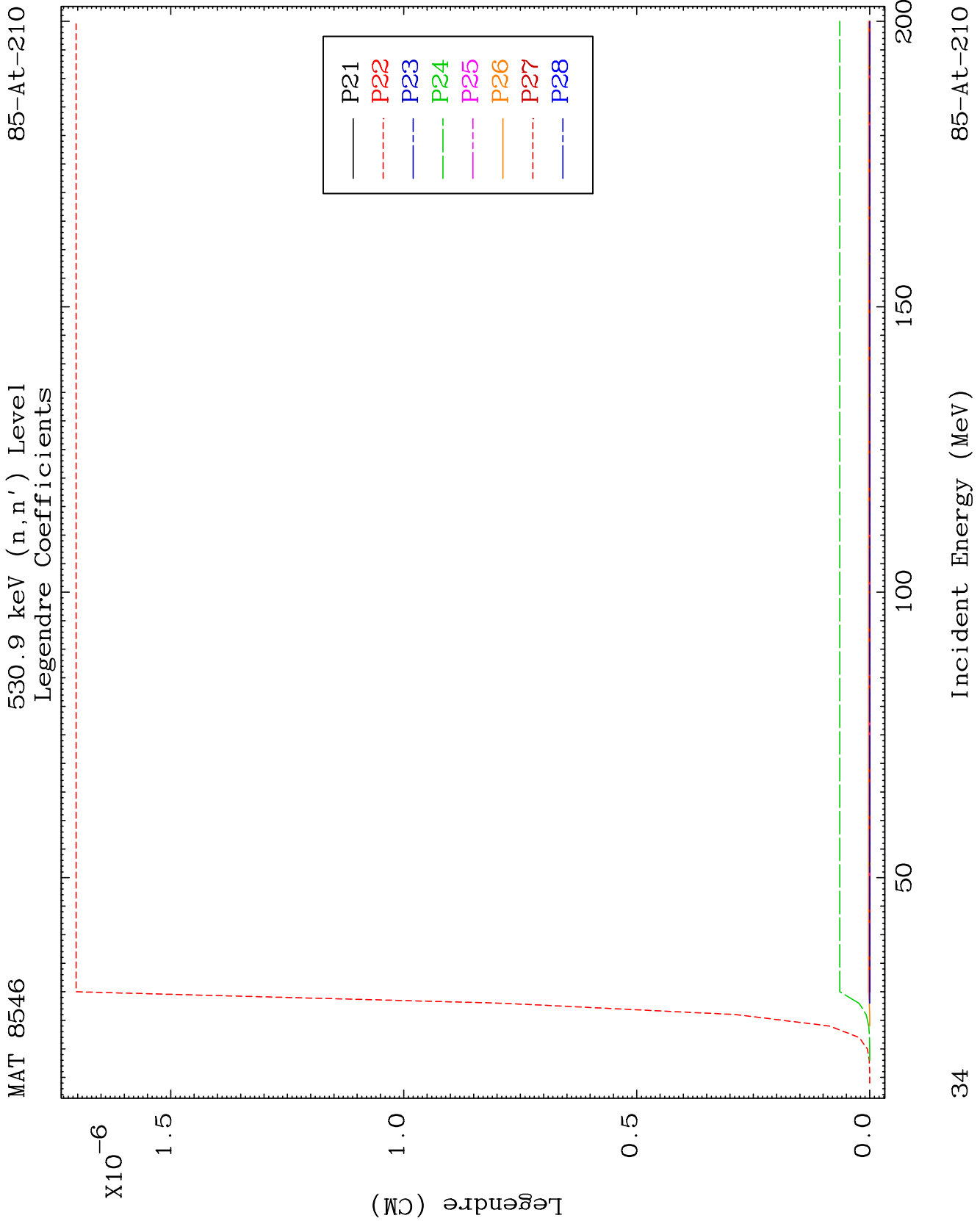


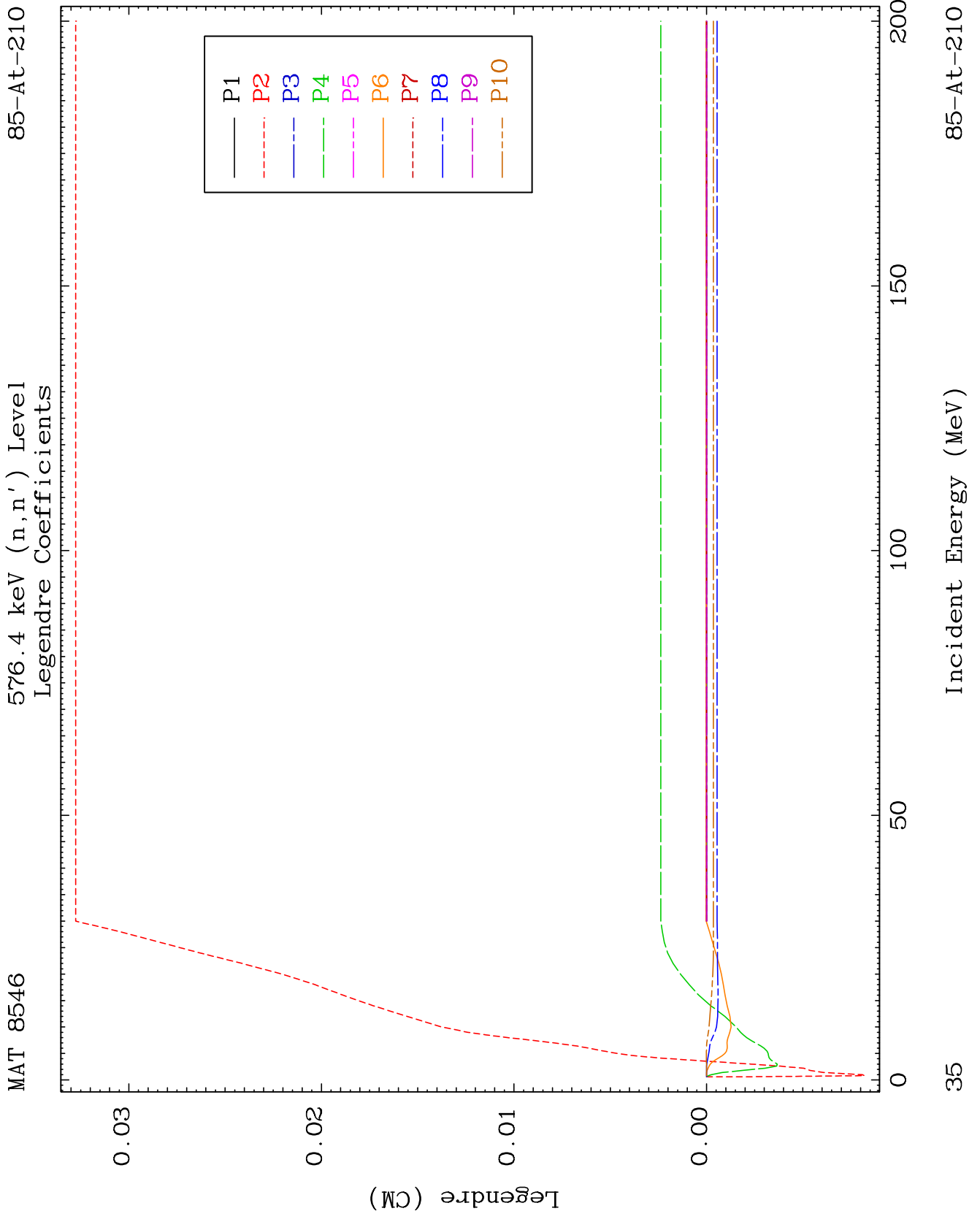
31

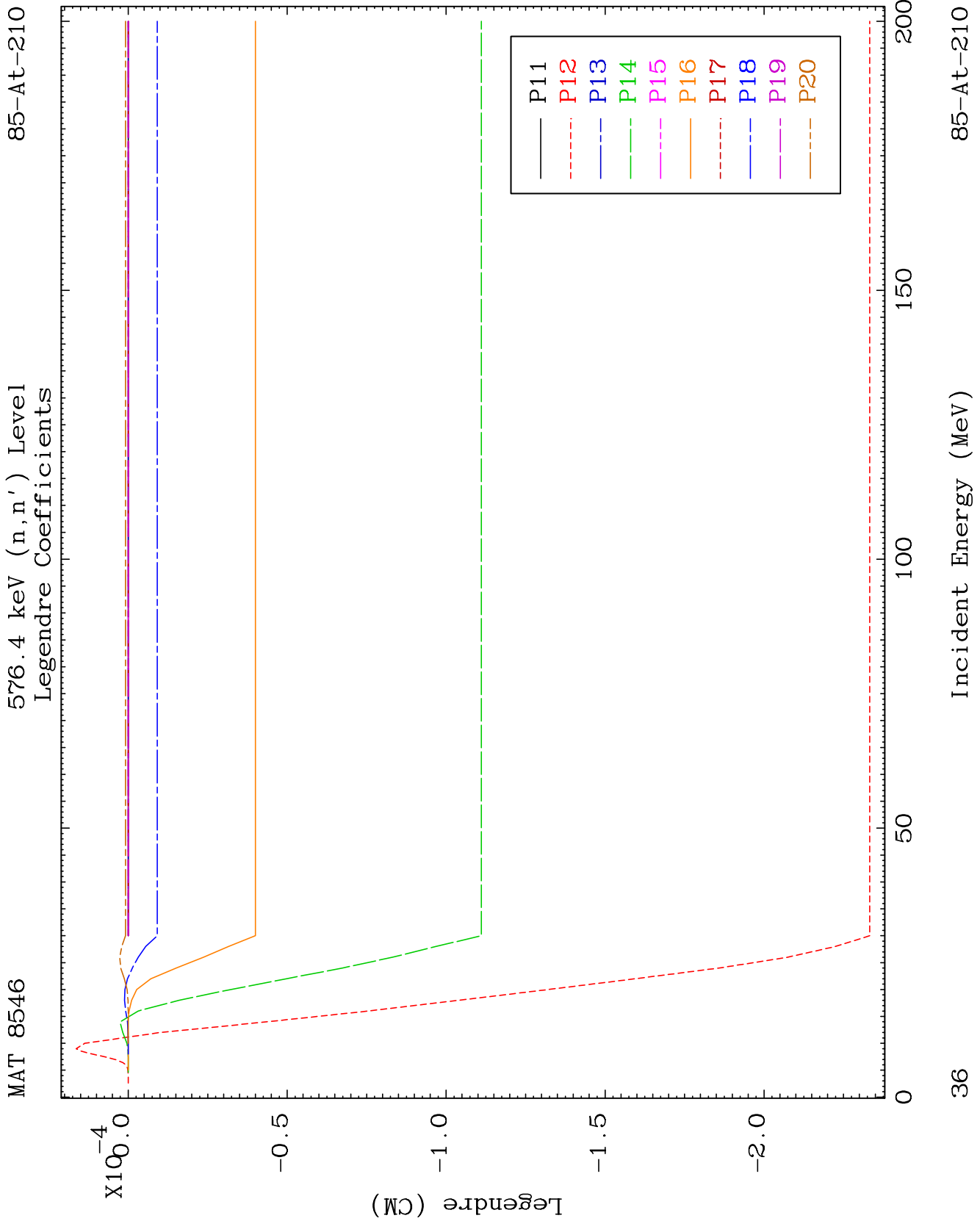


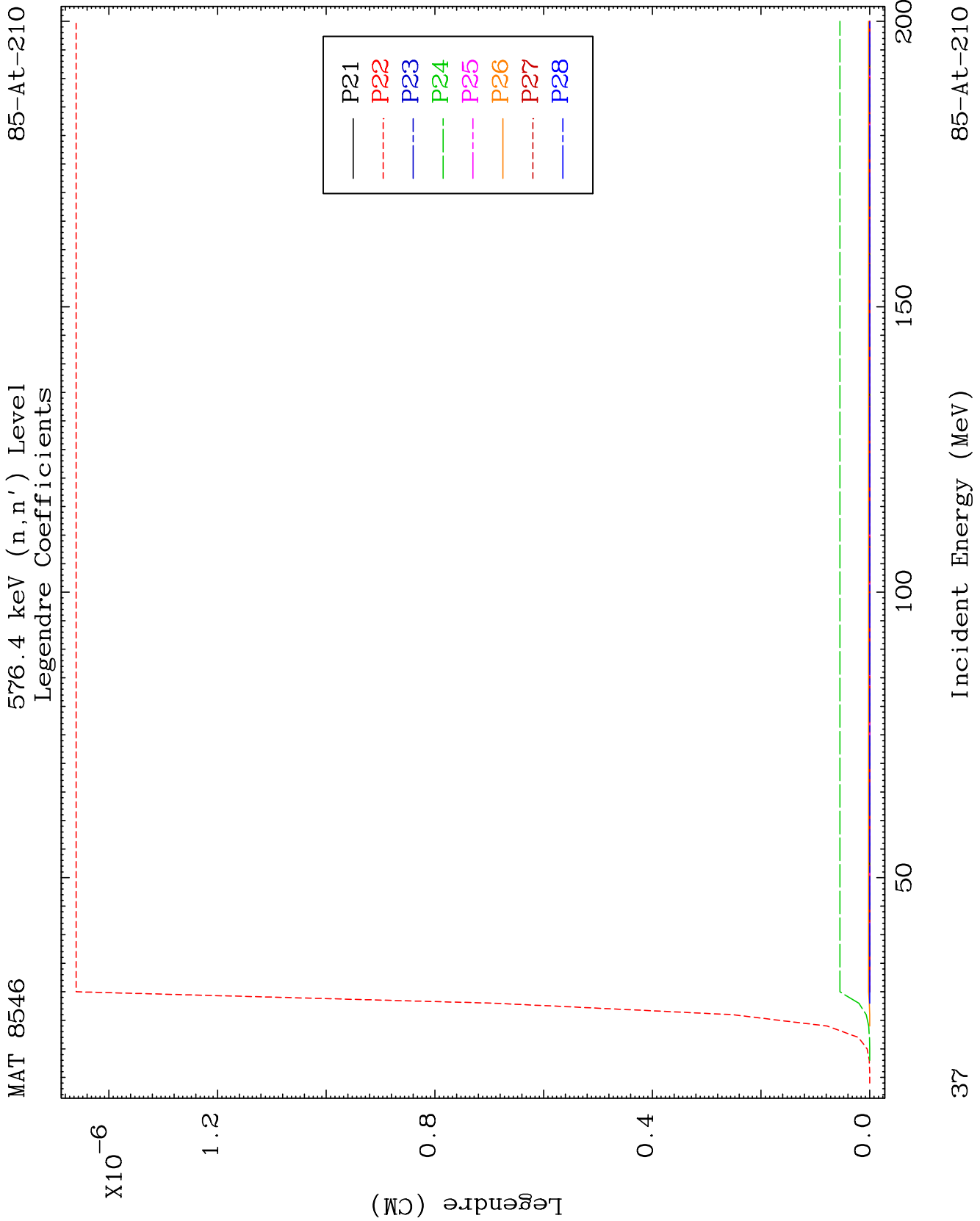








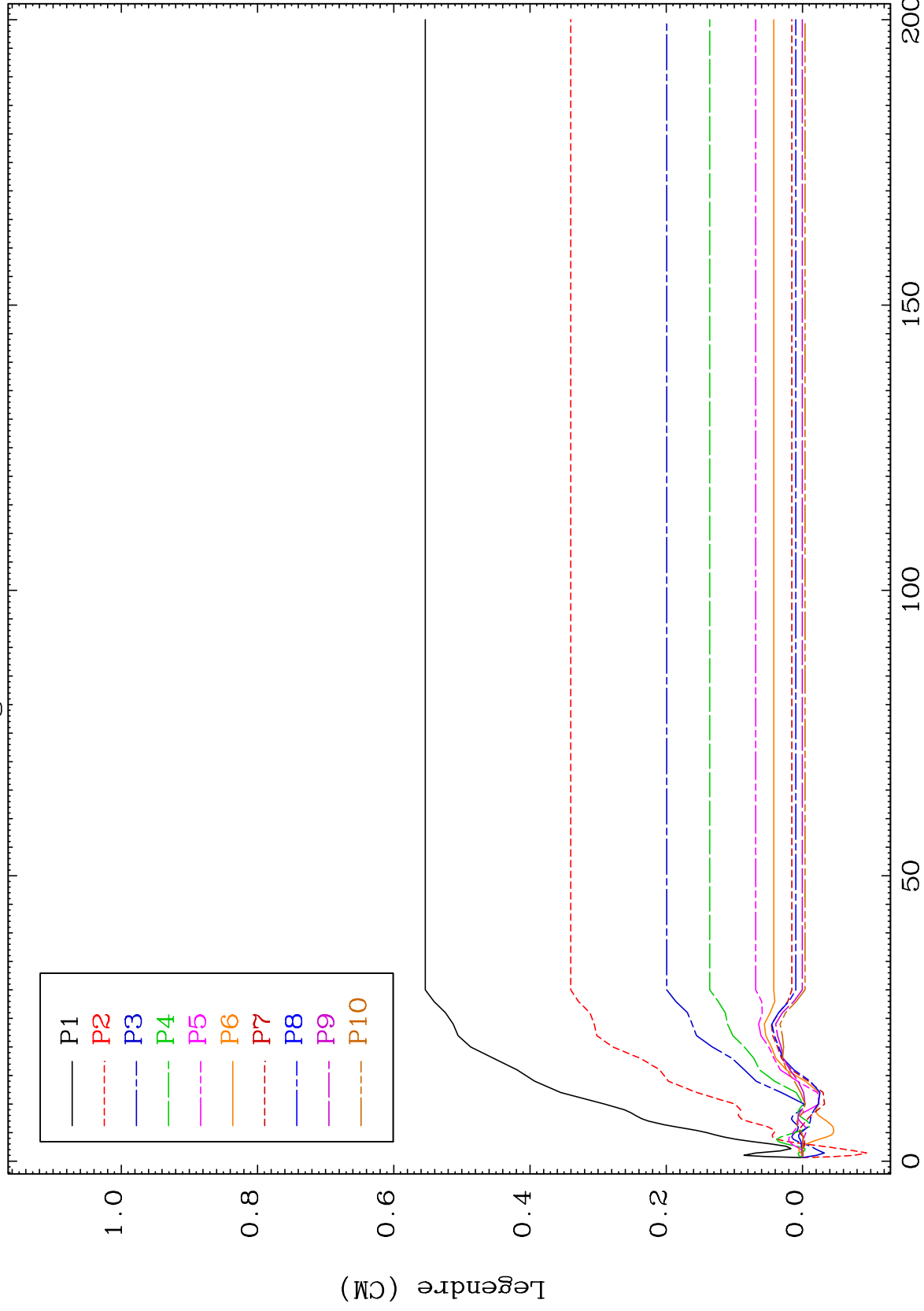




MAT 8546

594.0 keV (n,n') Level  
Legendre Coefficients

85-At-210



38

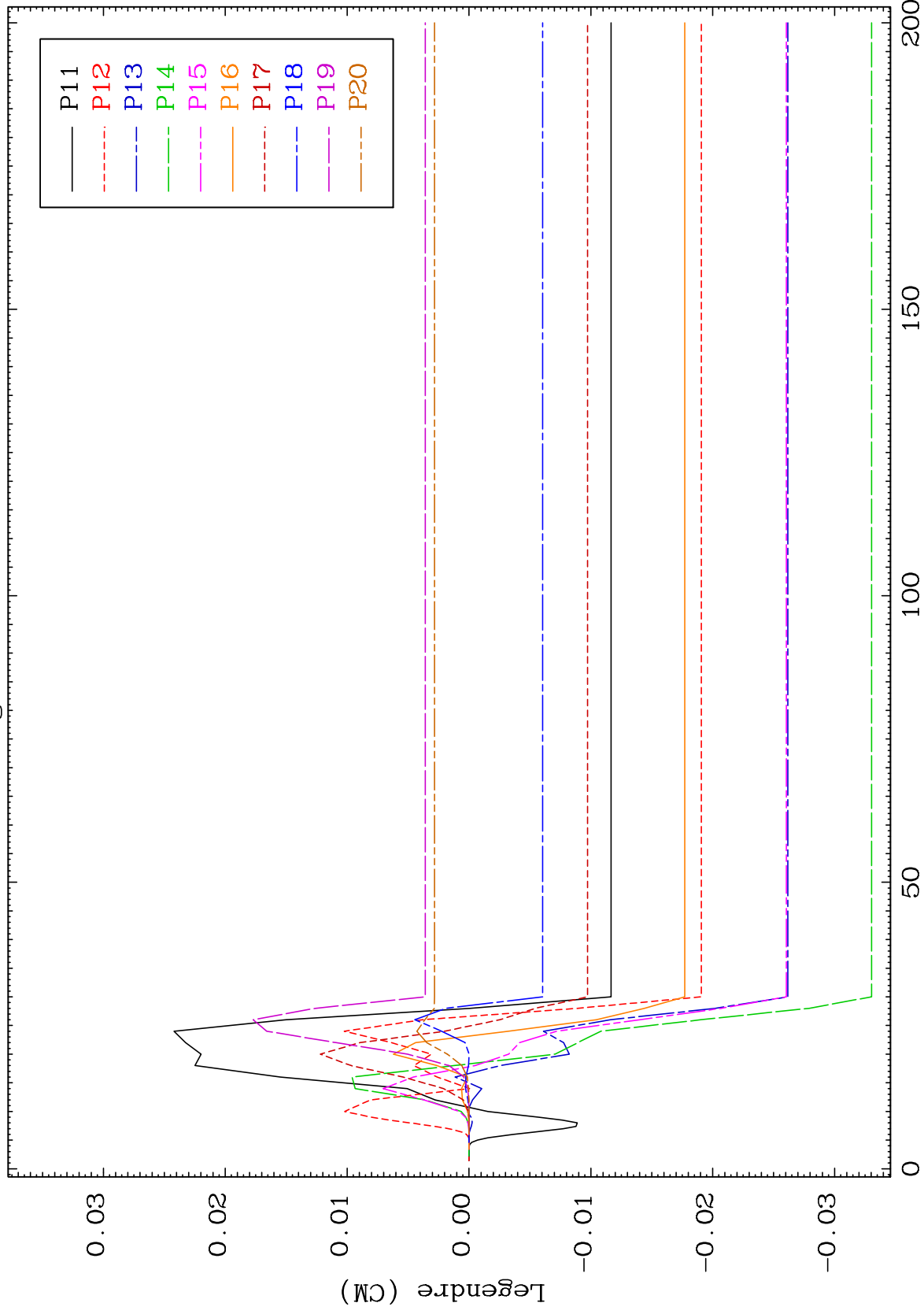
Incident Energy (MeV)

85-At-210

MAT 8546

594.0 keV (n,n') Level  
Legendre Coefficients

85-At-210



39

Incident Energy (MeV)

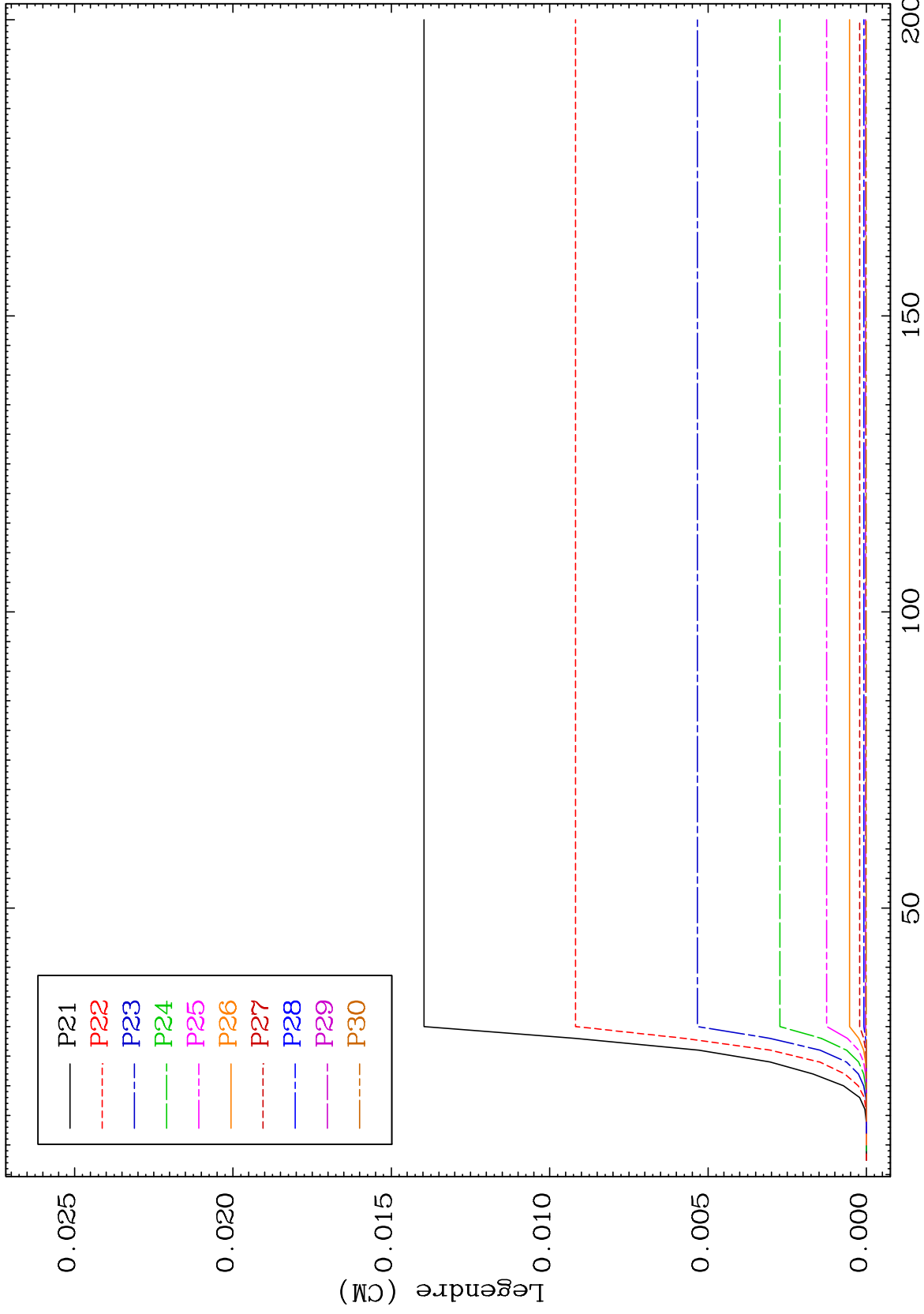
85-At-210



MAT 8546

594.0 keV (n,n') Level  
Legendre Coefficients

85-At-210



40

Incident Energy (MeV)

50

100

150

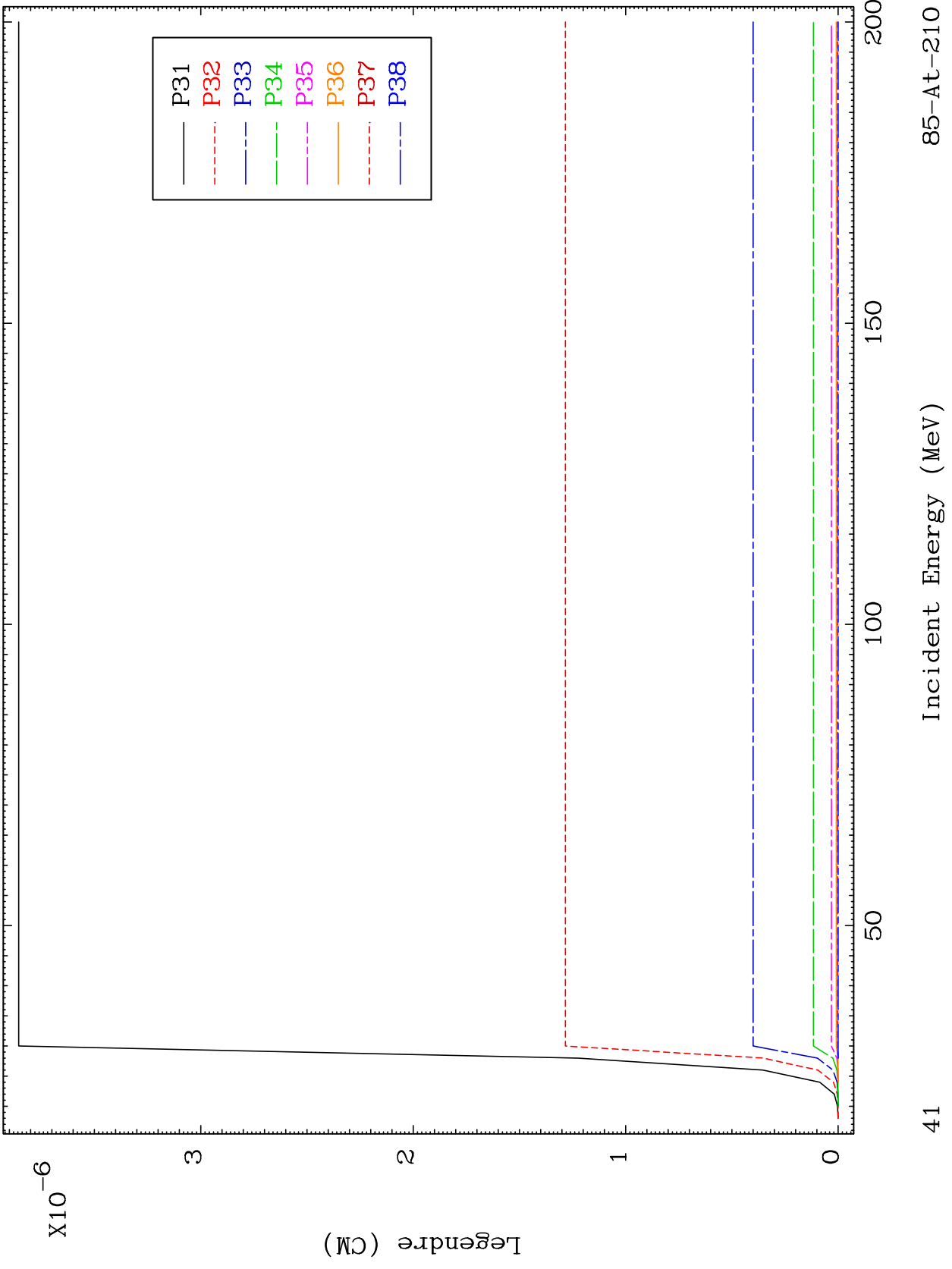
200

85-At-210

MAT 8546

594.0 keV (n,n') Level  
Legendre Coefficients

85-At-210

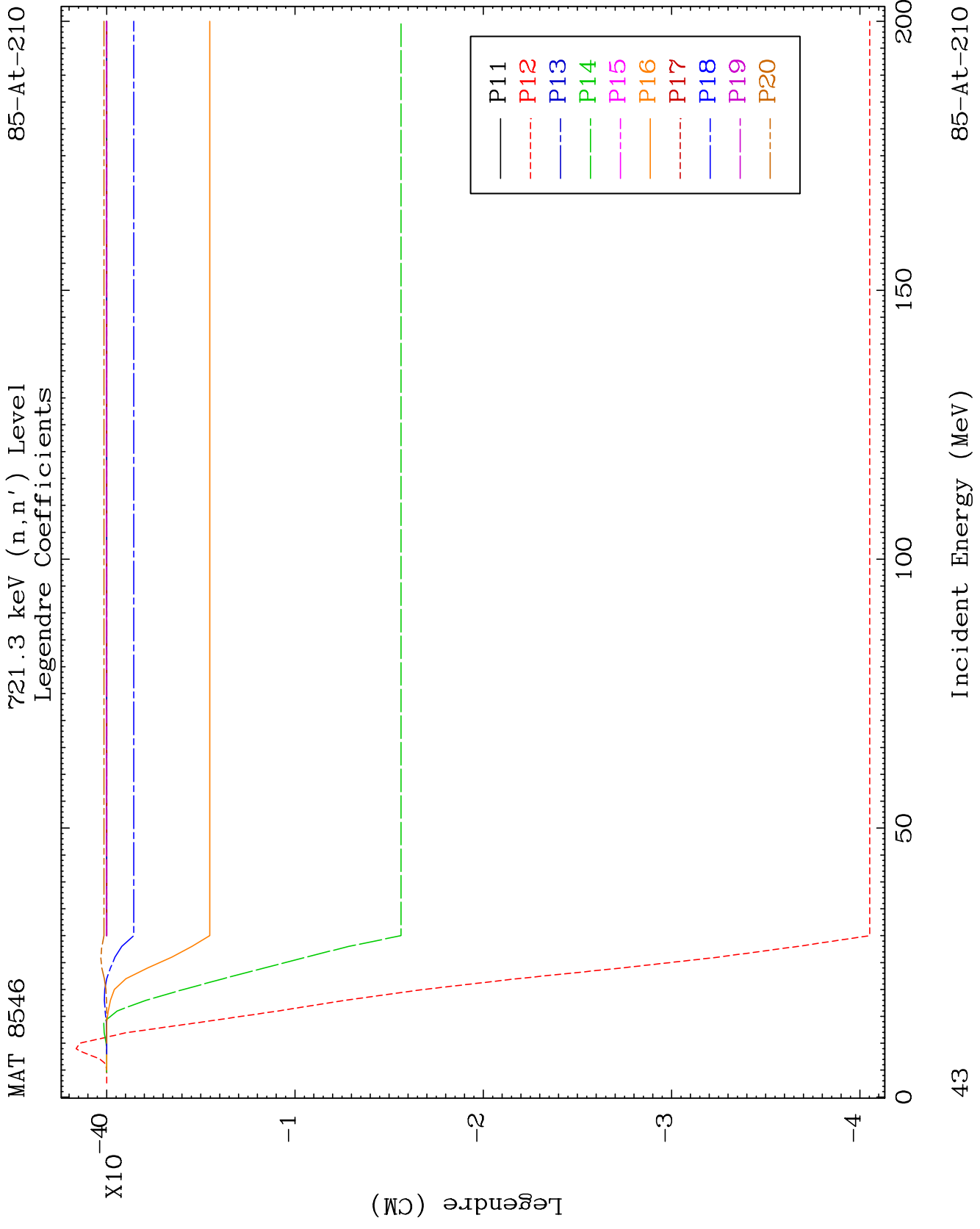


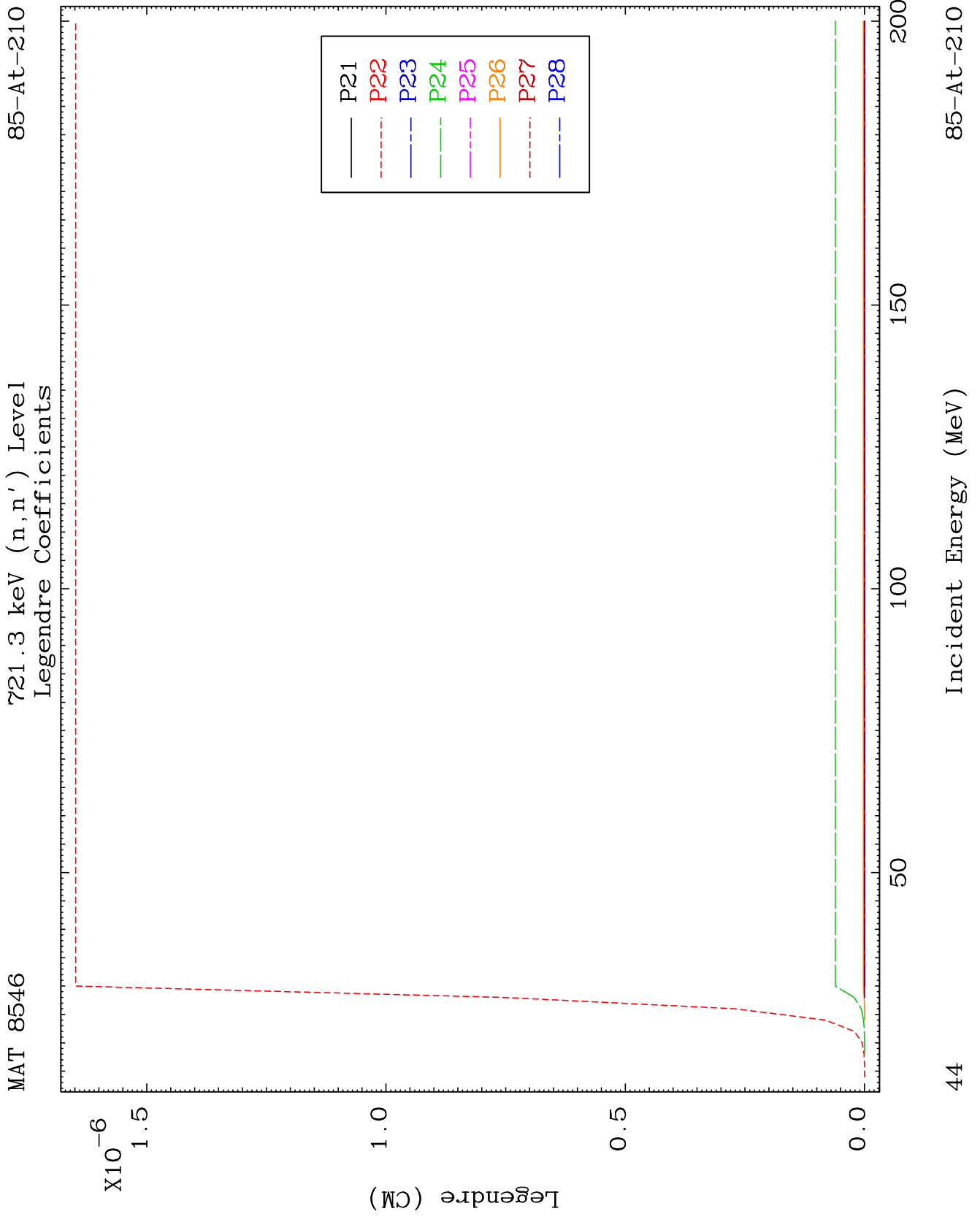
41

Incident Energy (MeV)

85-At-210





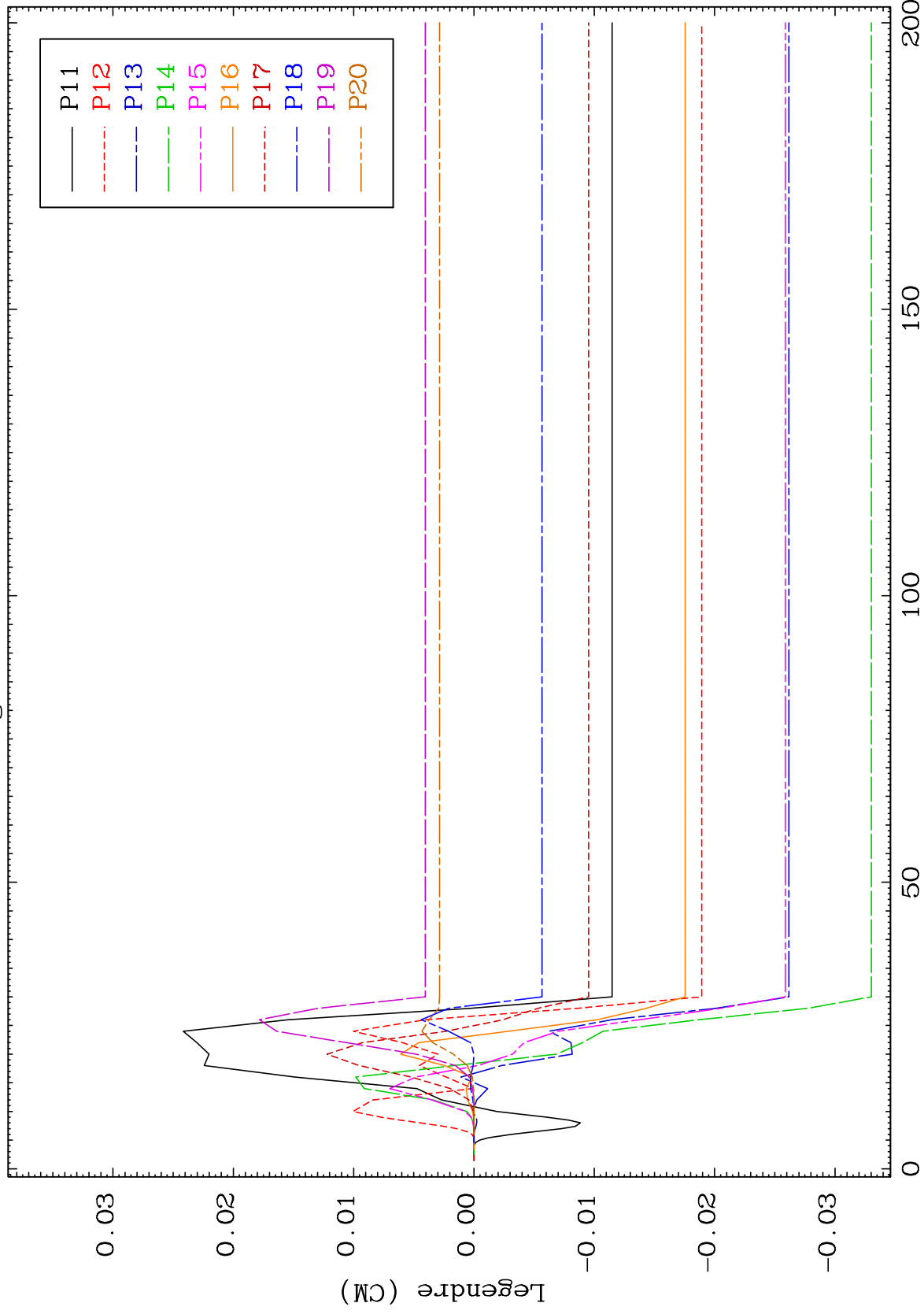




MAT 8546

768.9 keV (n,n') Level  
Legendre Coefficients

85-At-210



46

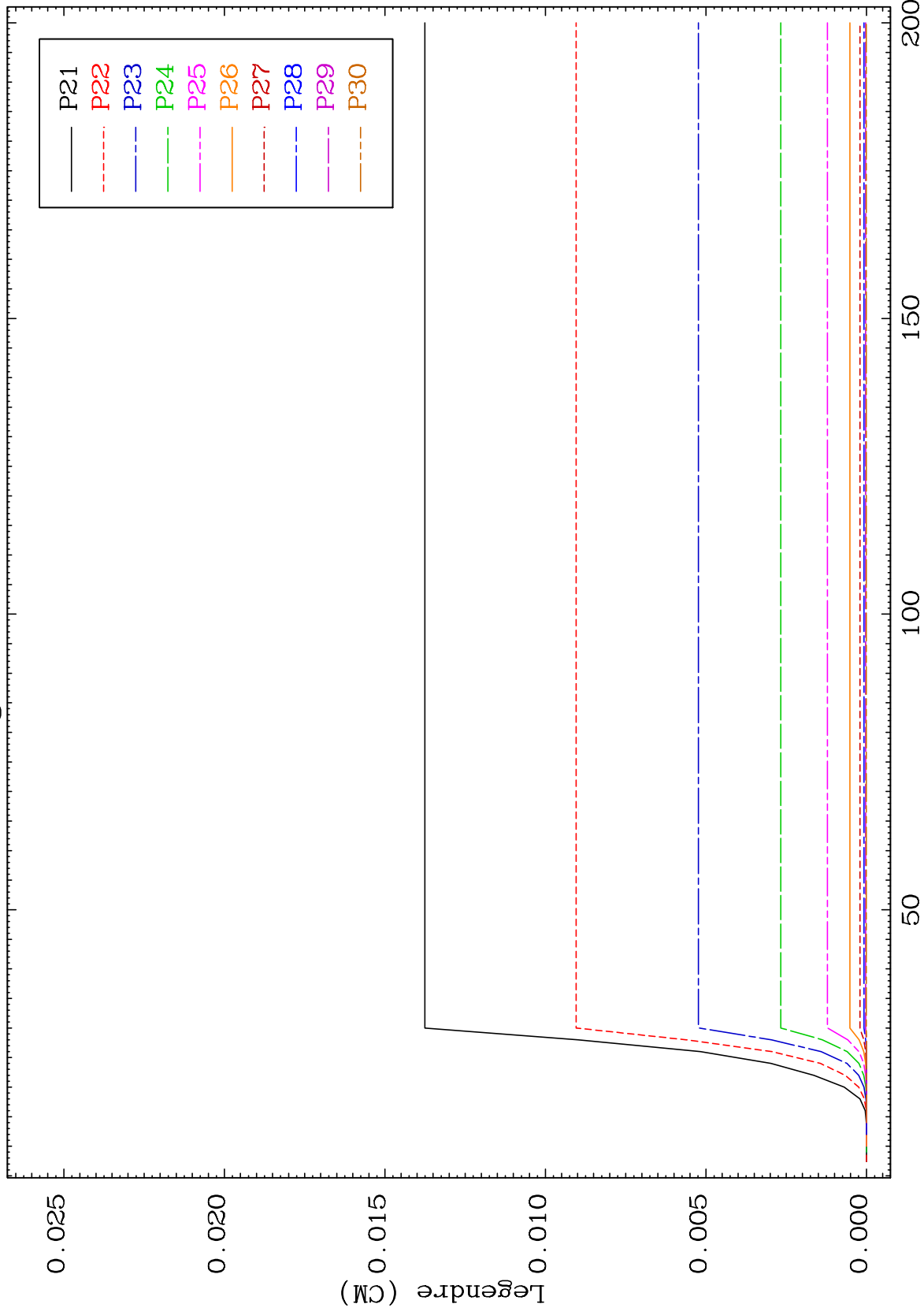
Incident Energy (MeV)

85-At-210

MAT 8546

768.9 keV (n,n') Level  
Legendre Coefficients

85-At-210

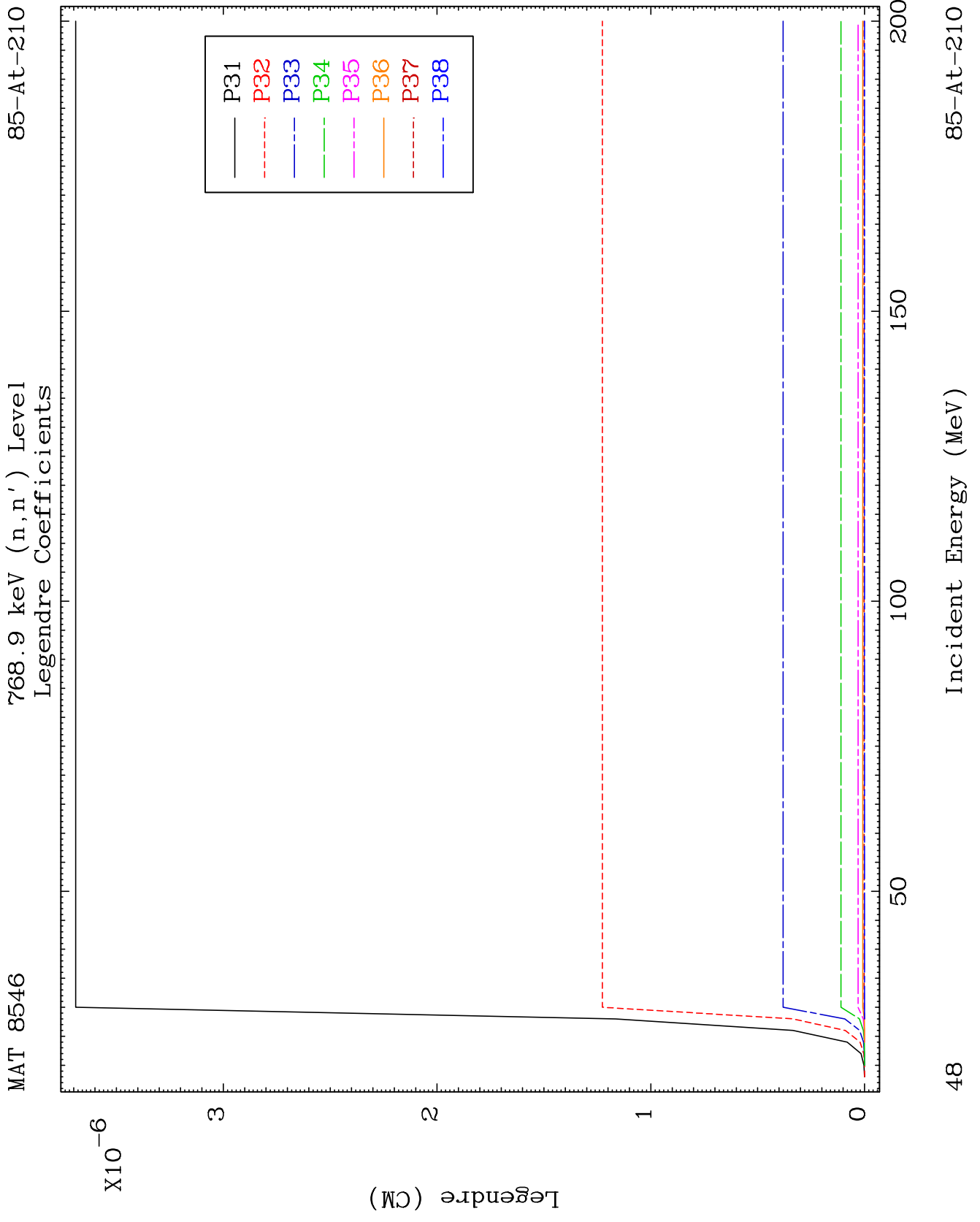


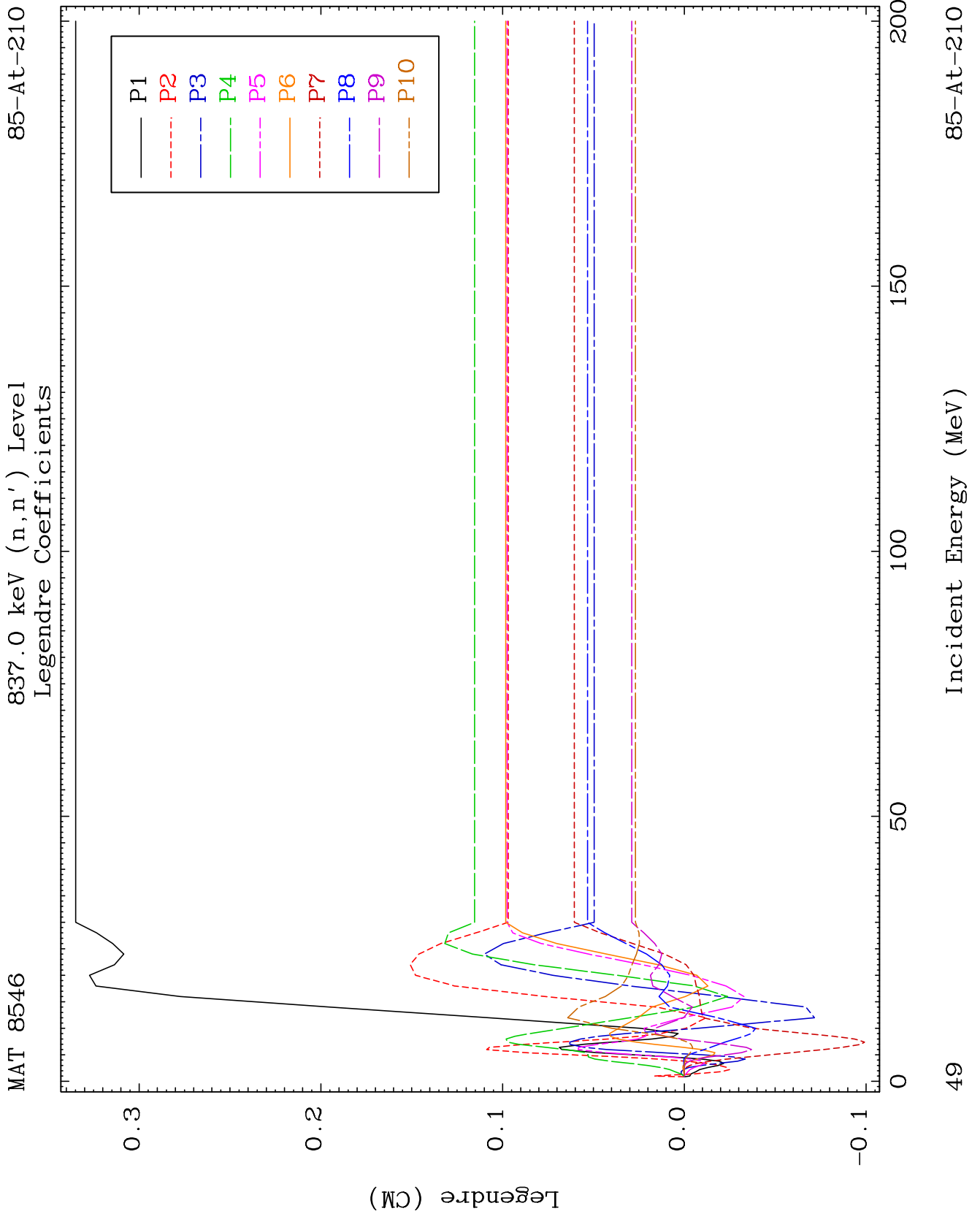
47

Incident Energy (MeV)

85-At-210



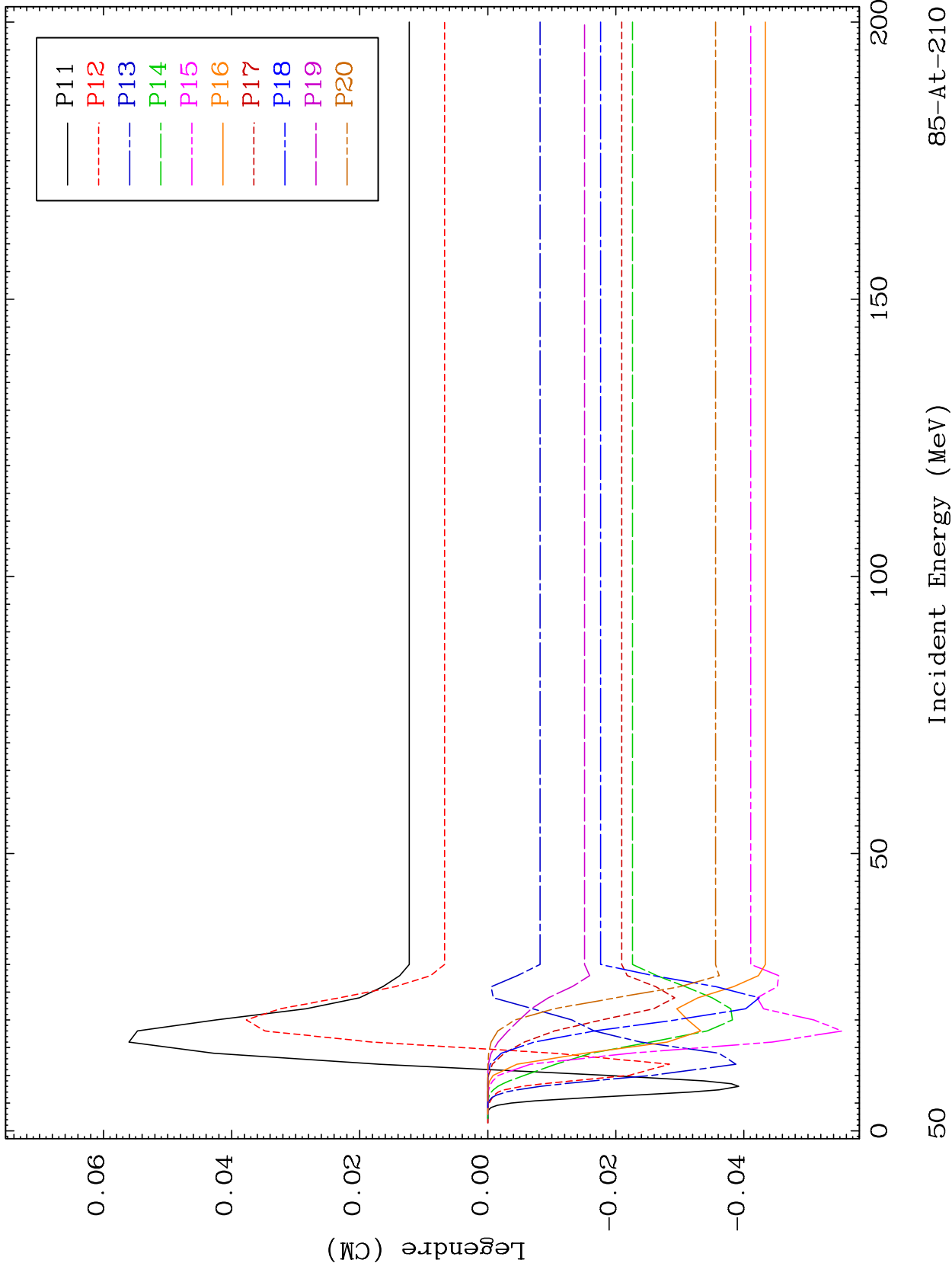




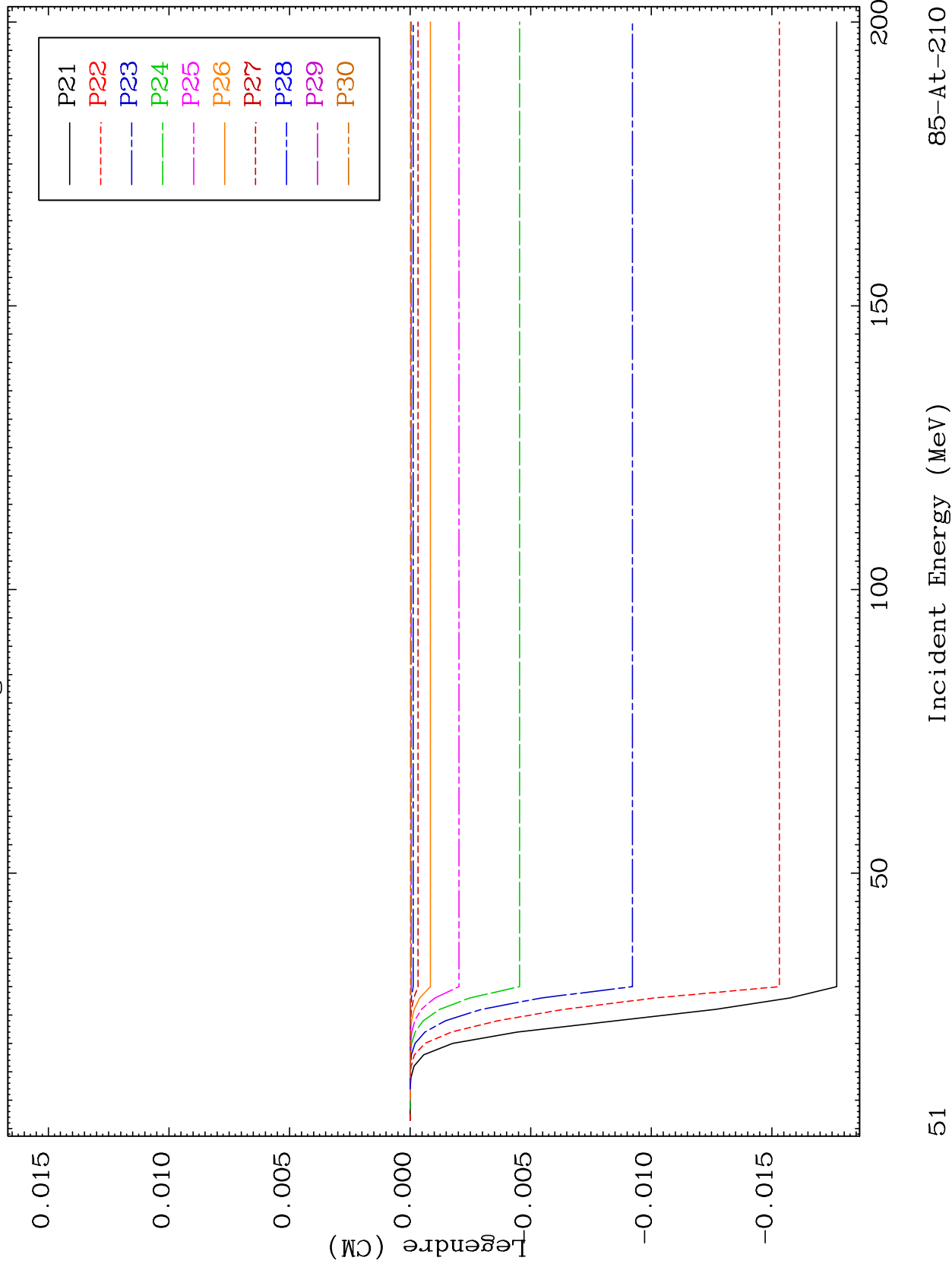
MAT 8546

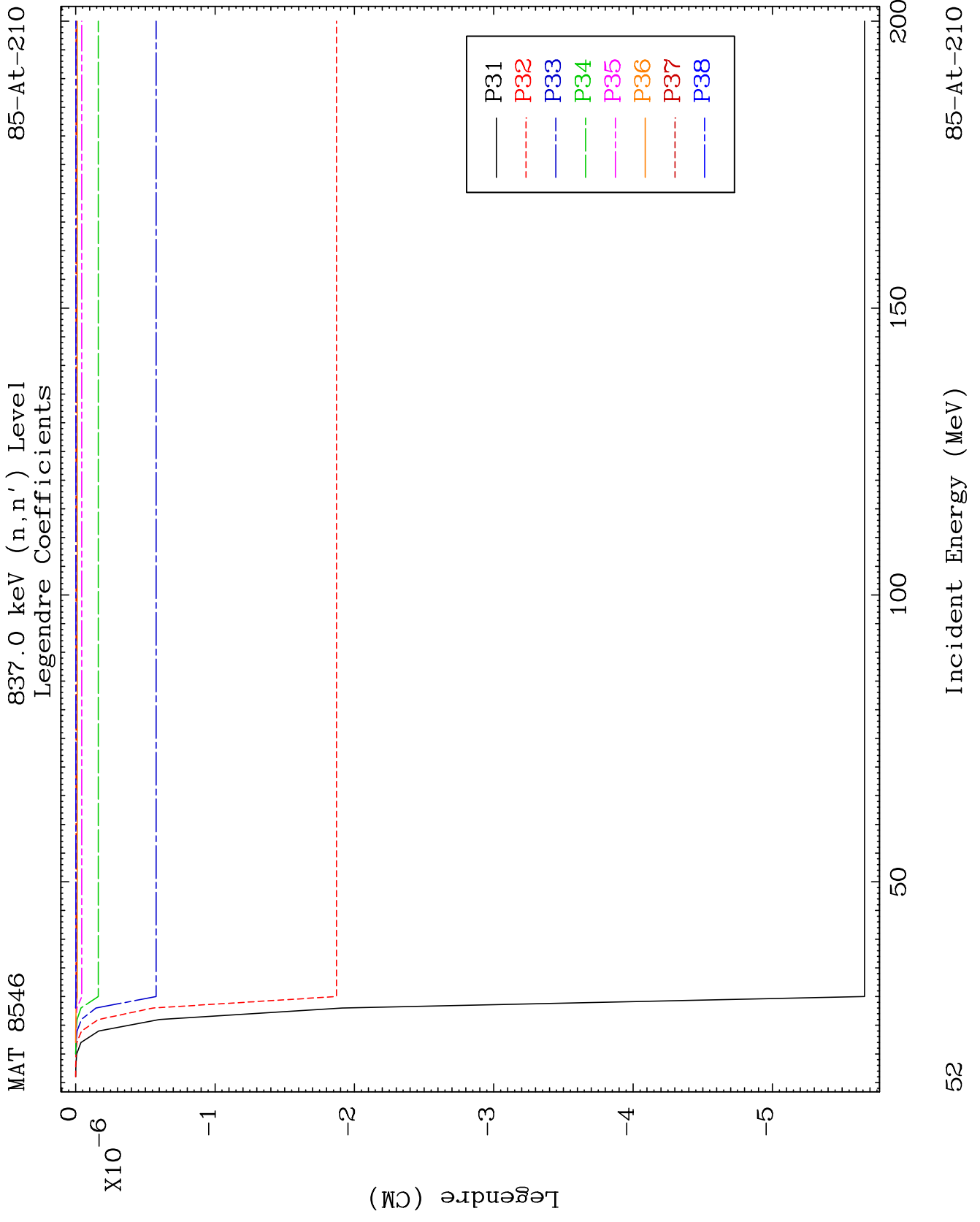
837.0 keV (n,n') Level  
Legendre Coefficients

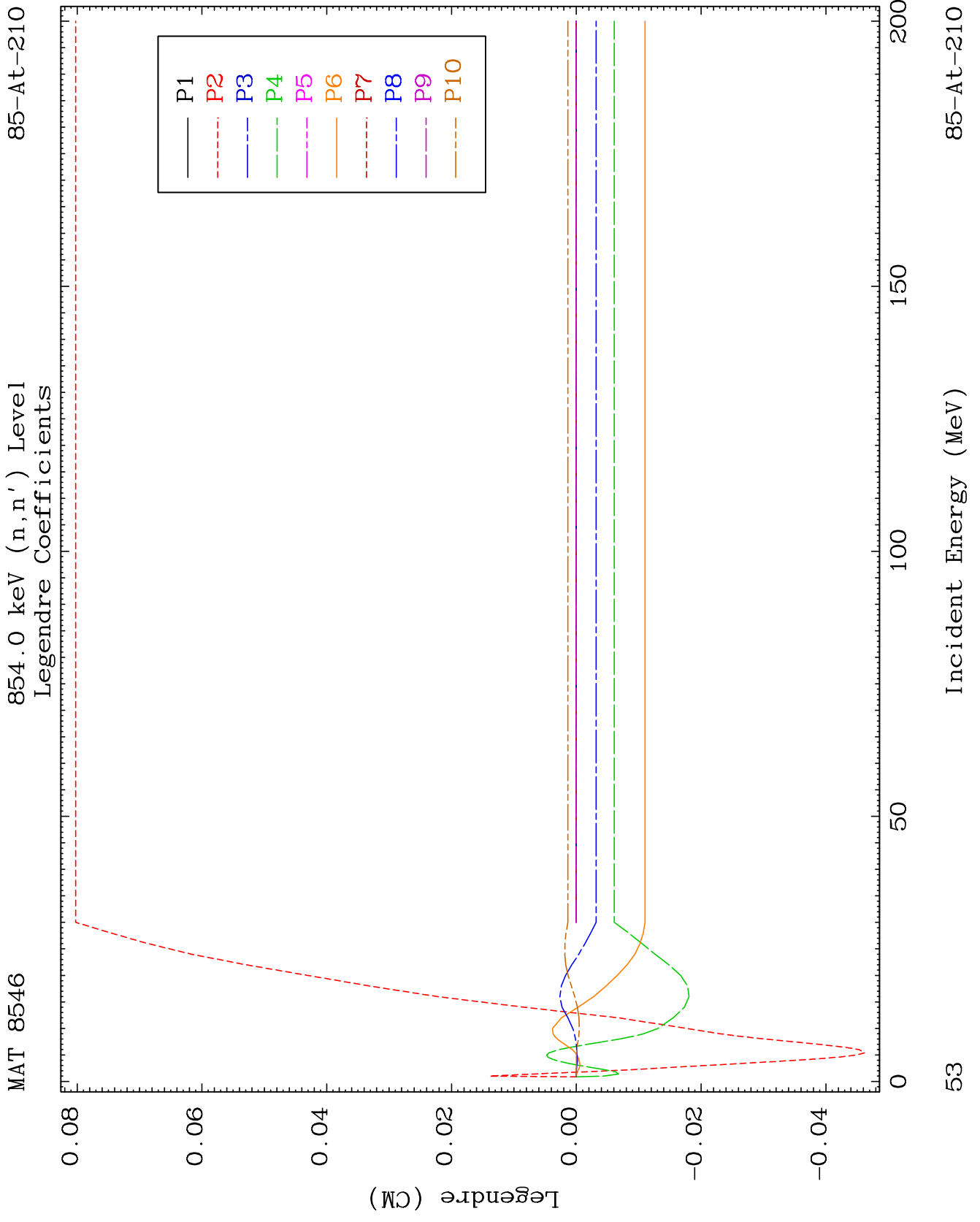
85-At-210

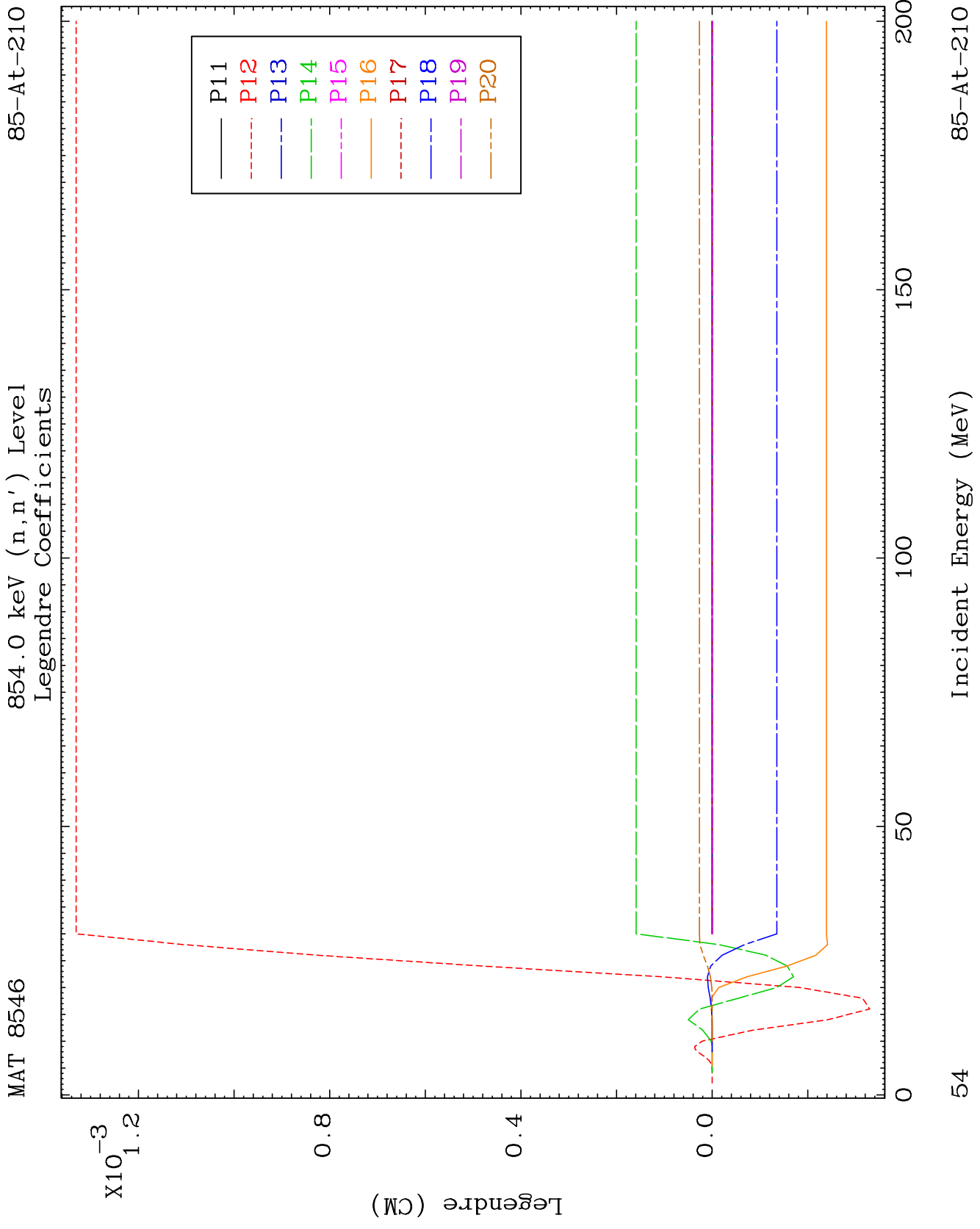


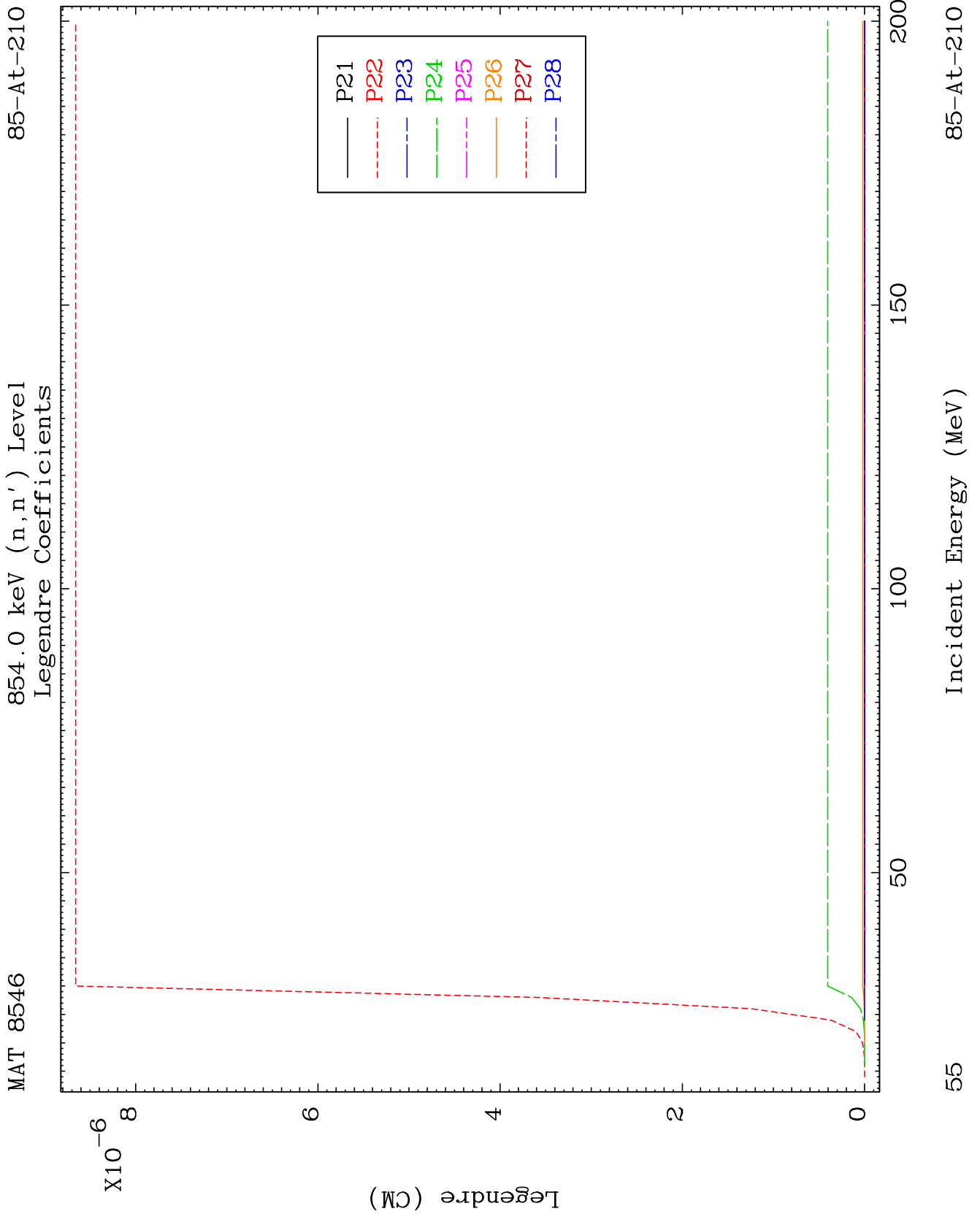
85-At-210



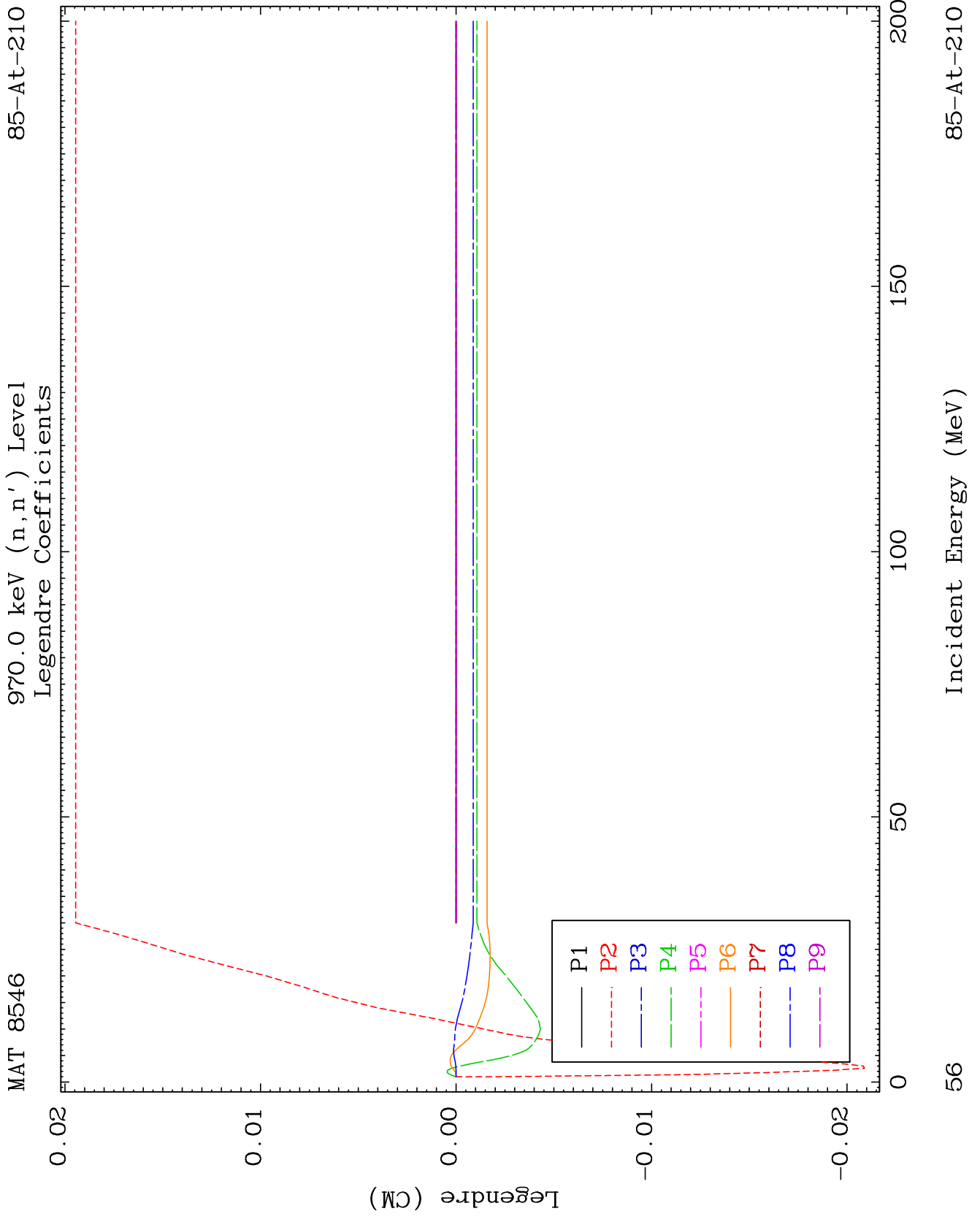








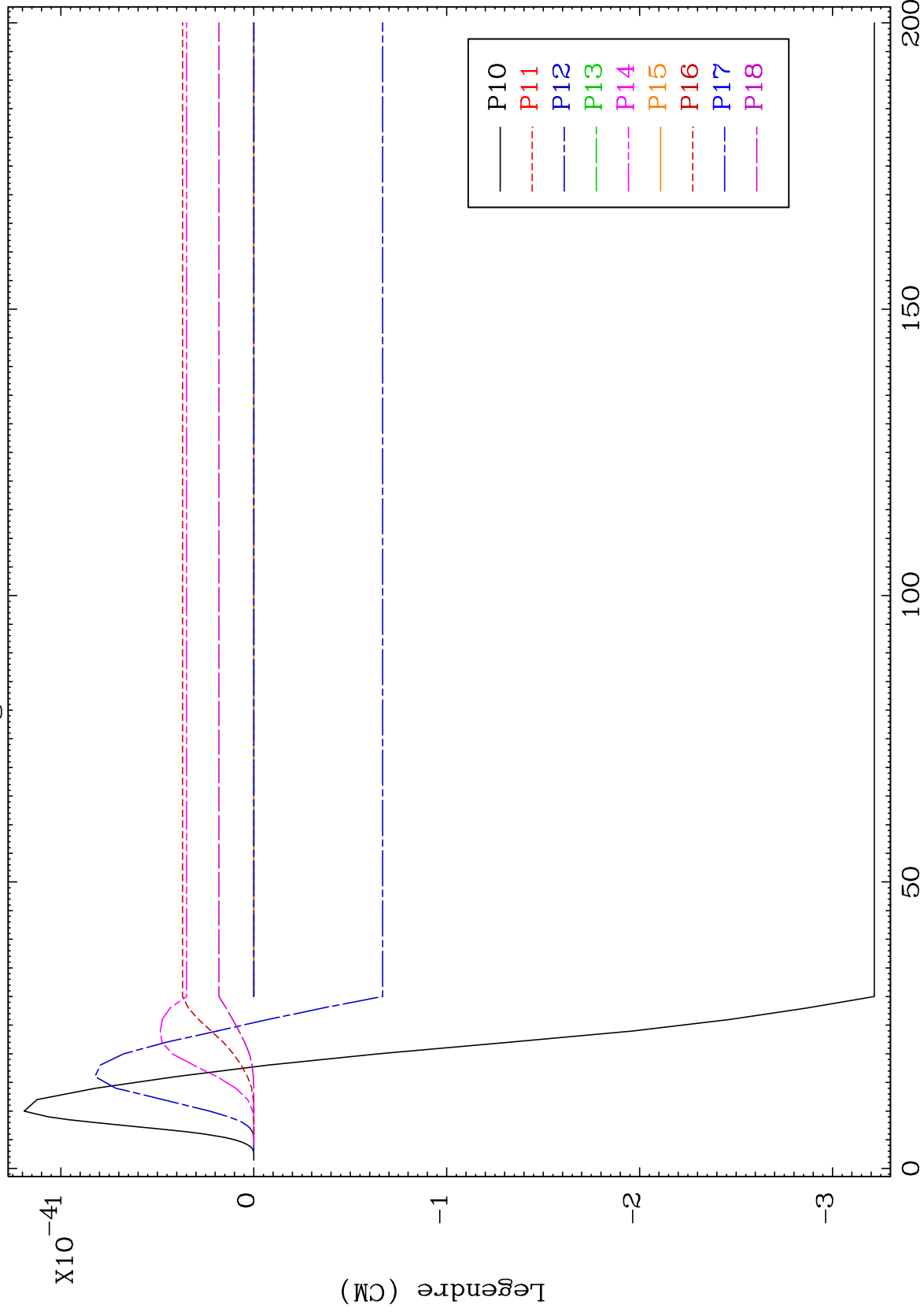




MAT 8546

970.0 keV (n,n') Level  
Legendre Coefficients

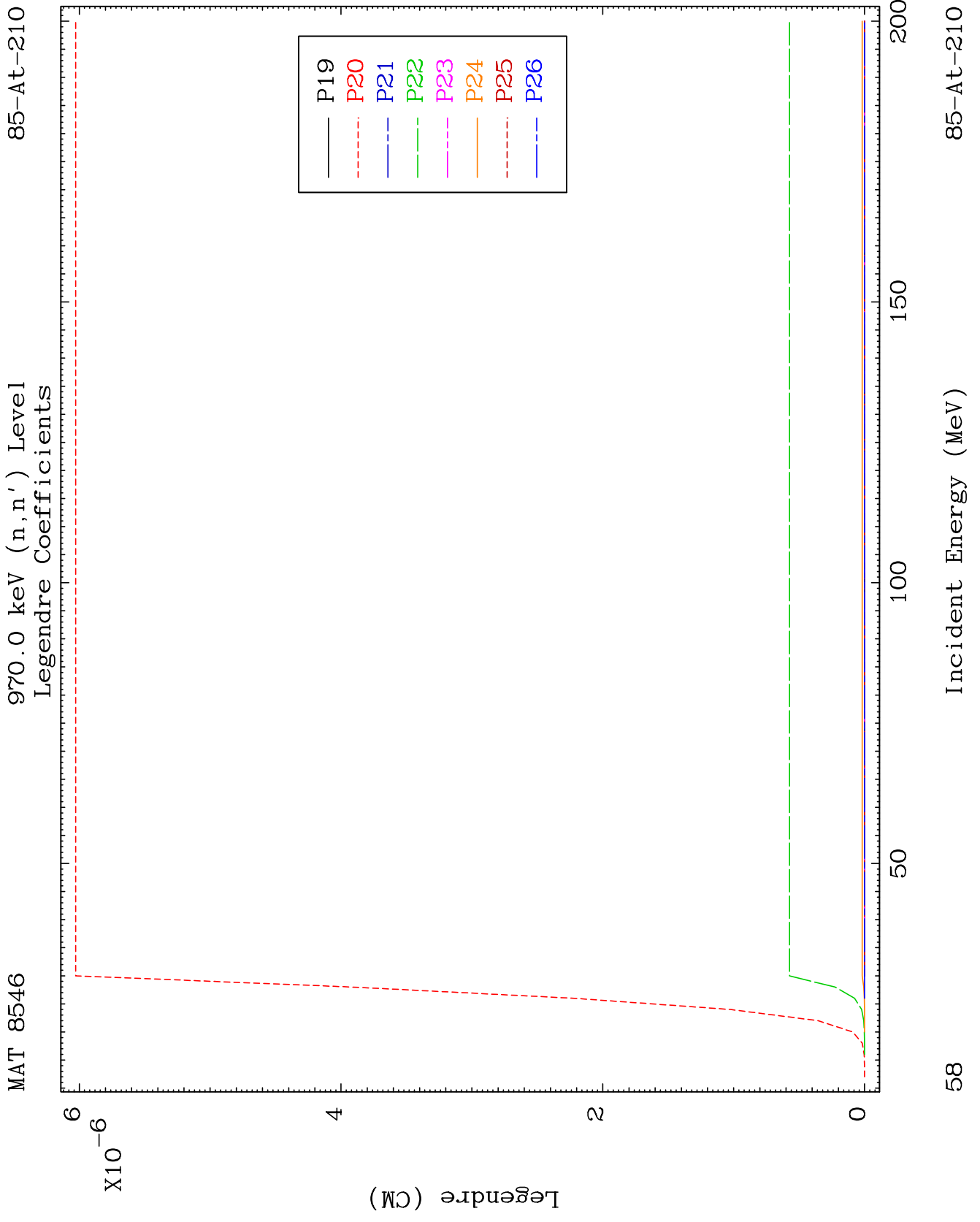
85-At-210



57

Incident Energy (MeV)

85-At-210

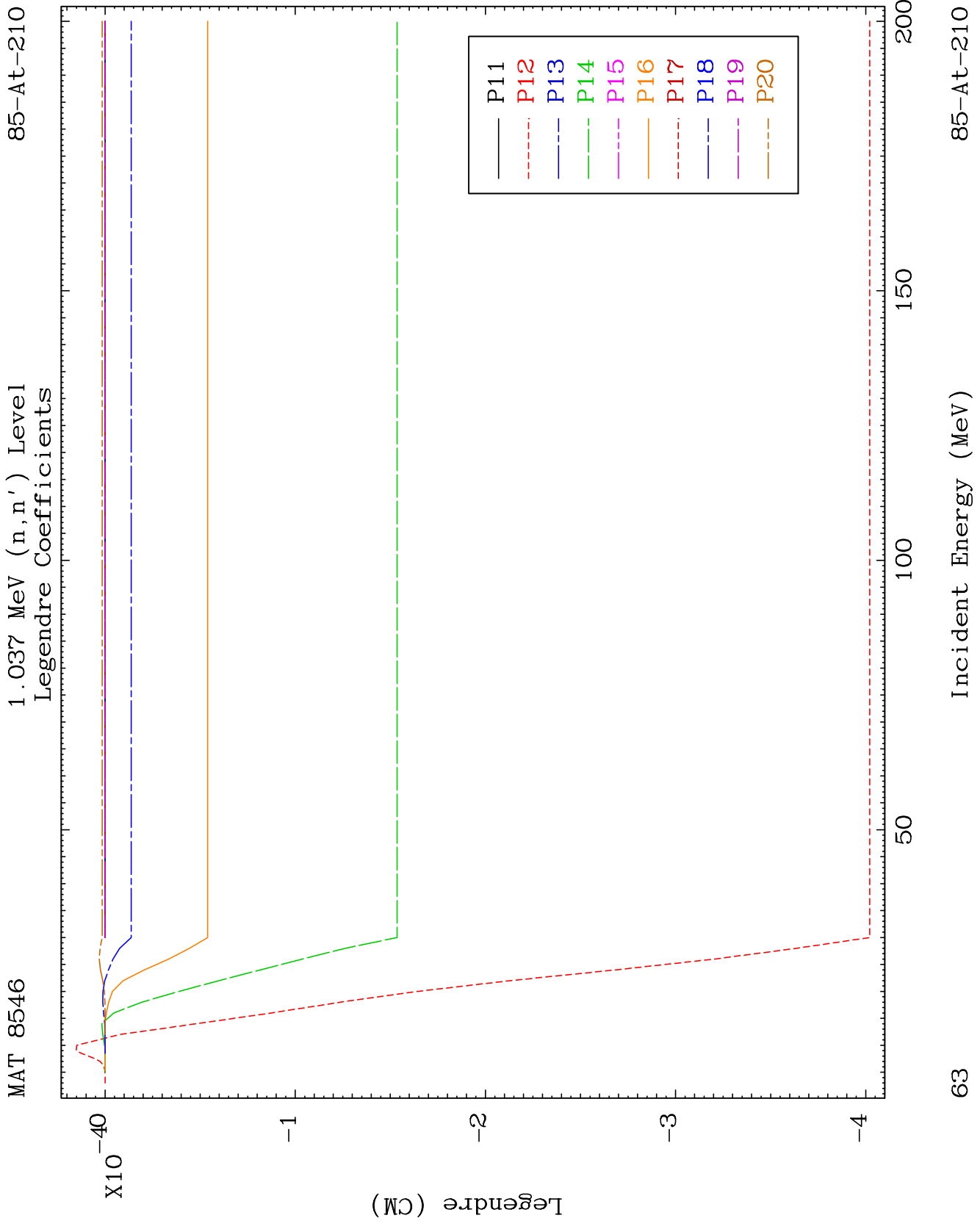




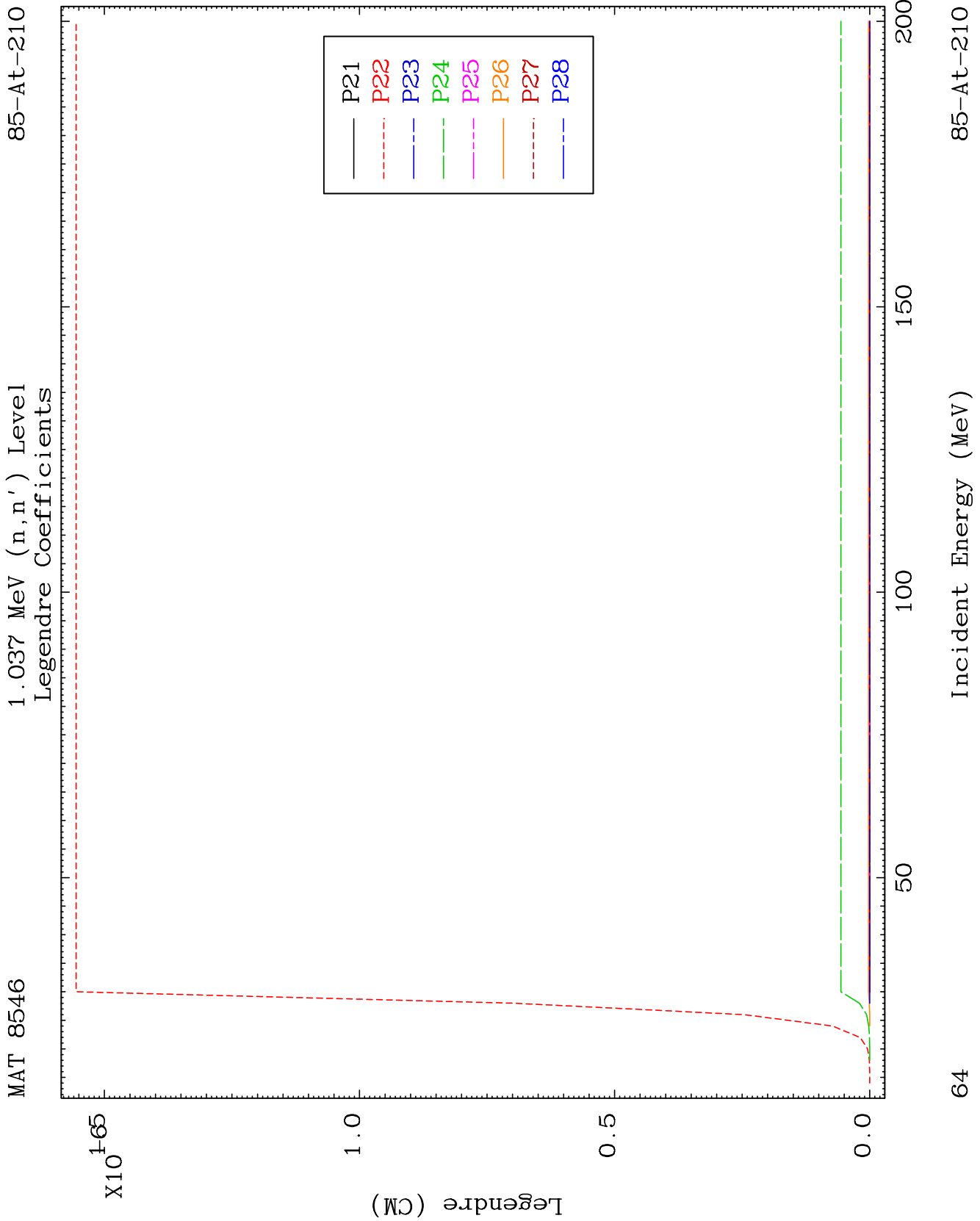








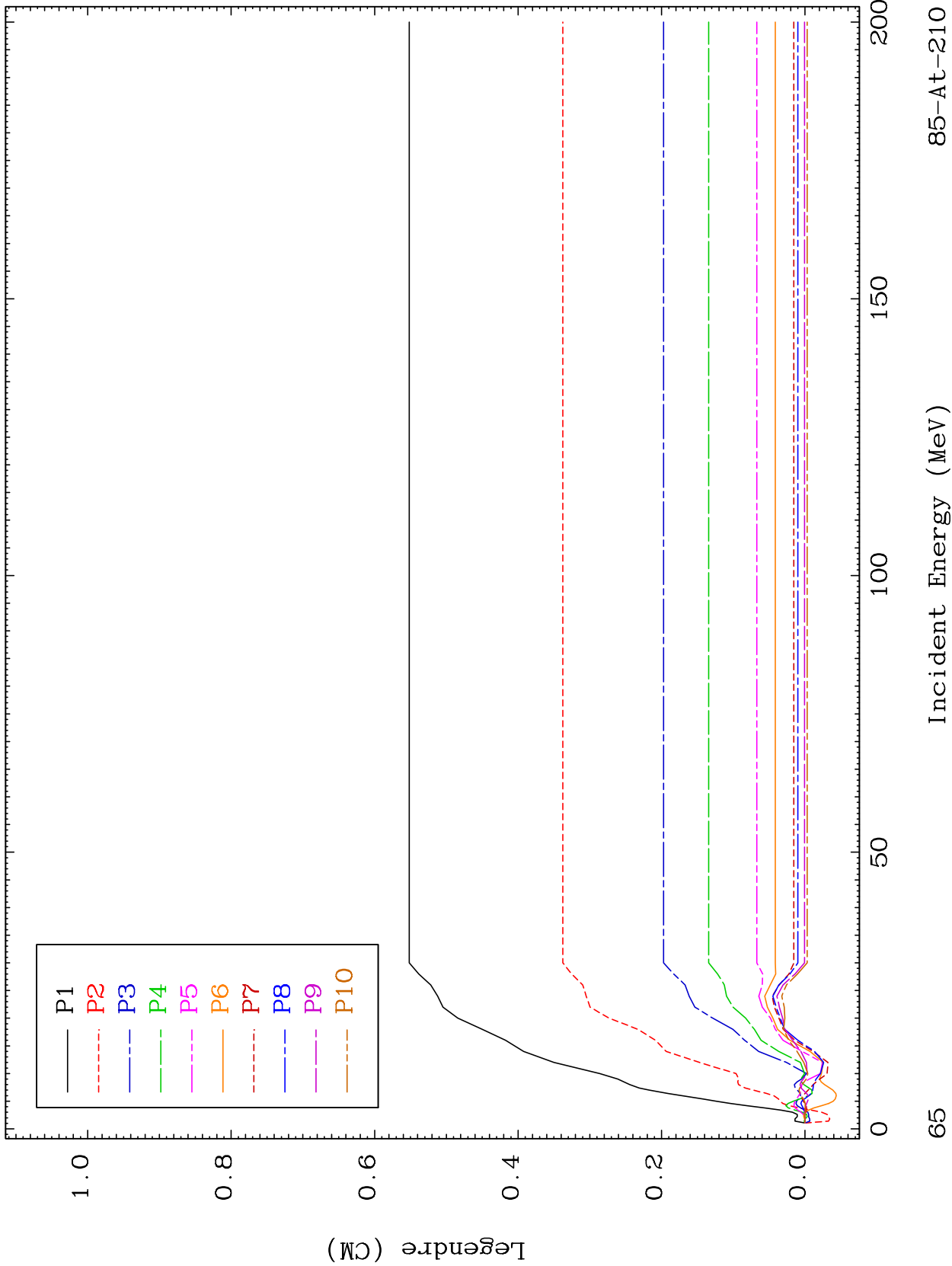




MAT 8546

1.053 MeV (n,n') Level  
Legendre Coefficients

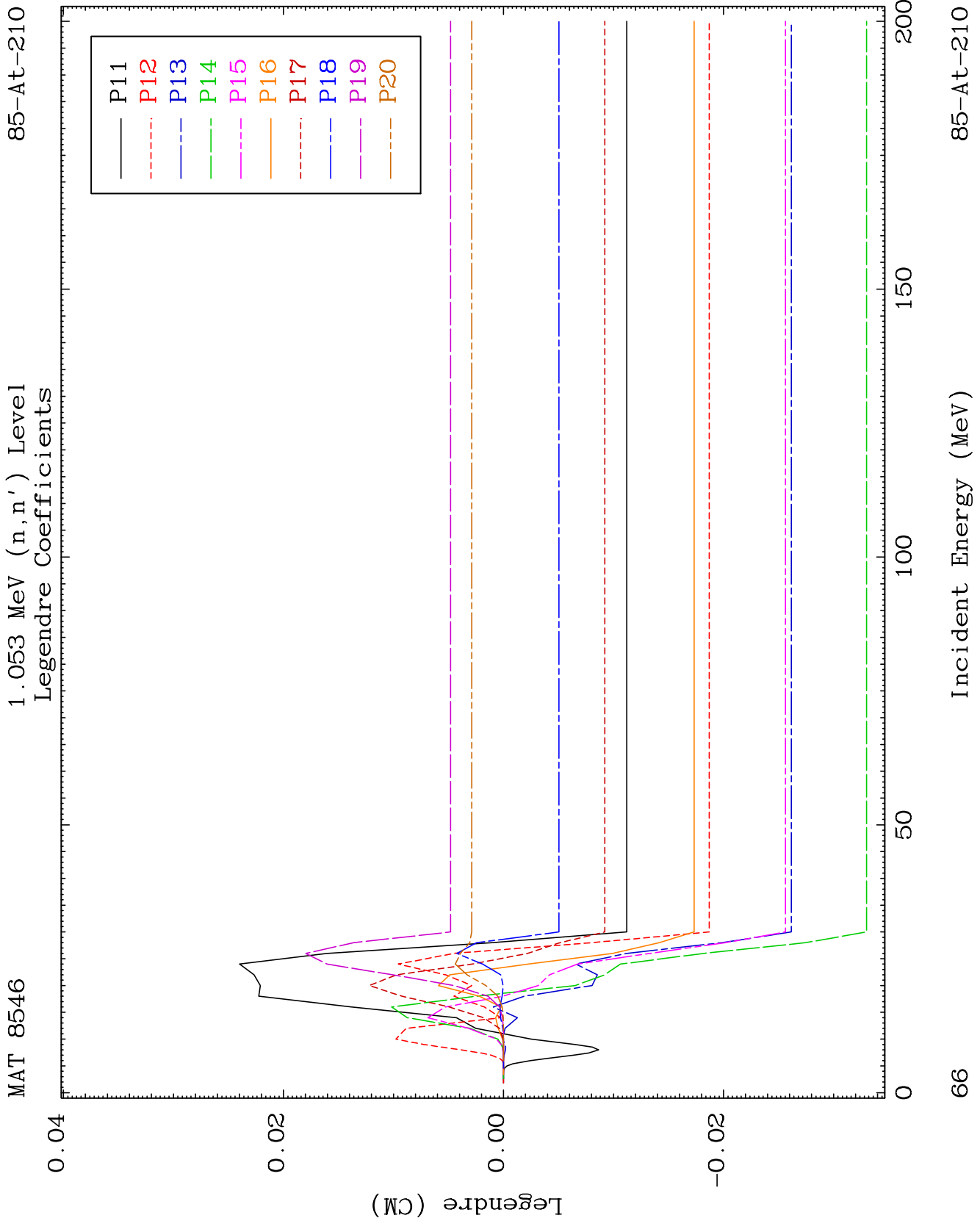
85-At-210

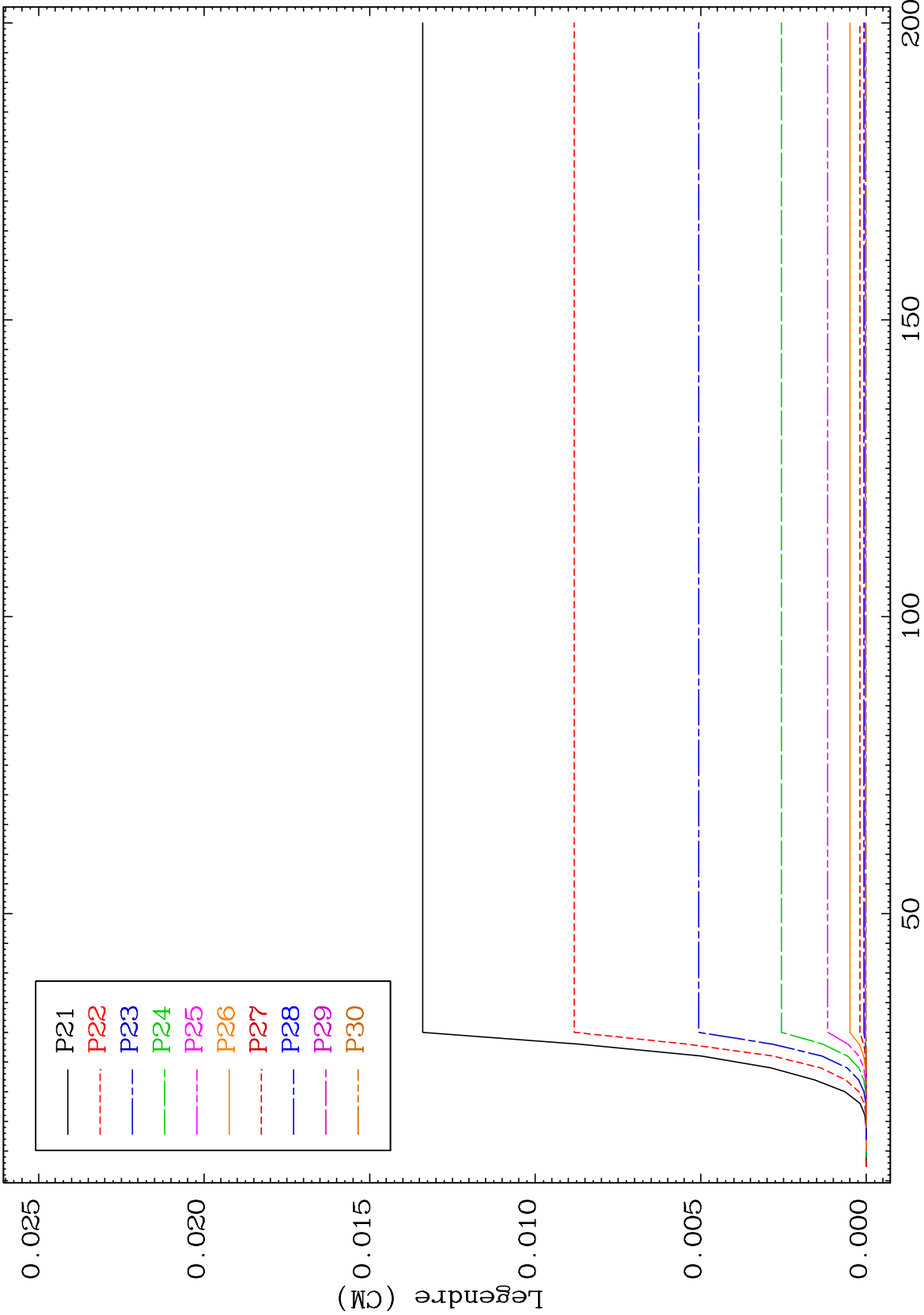


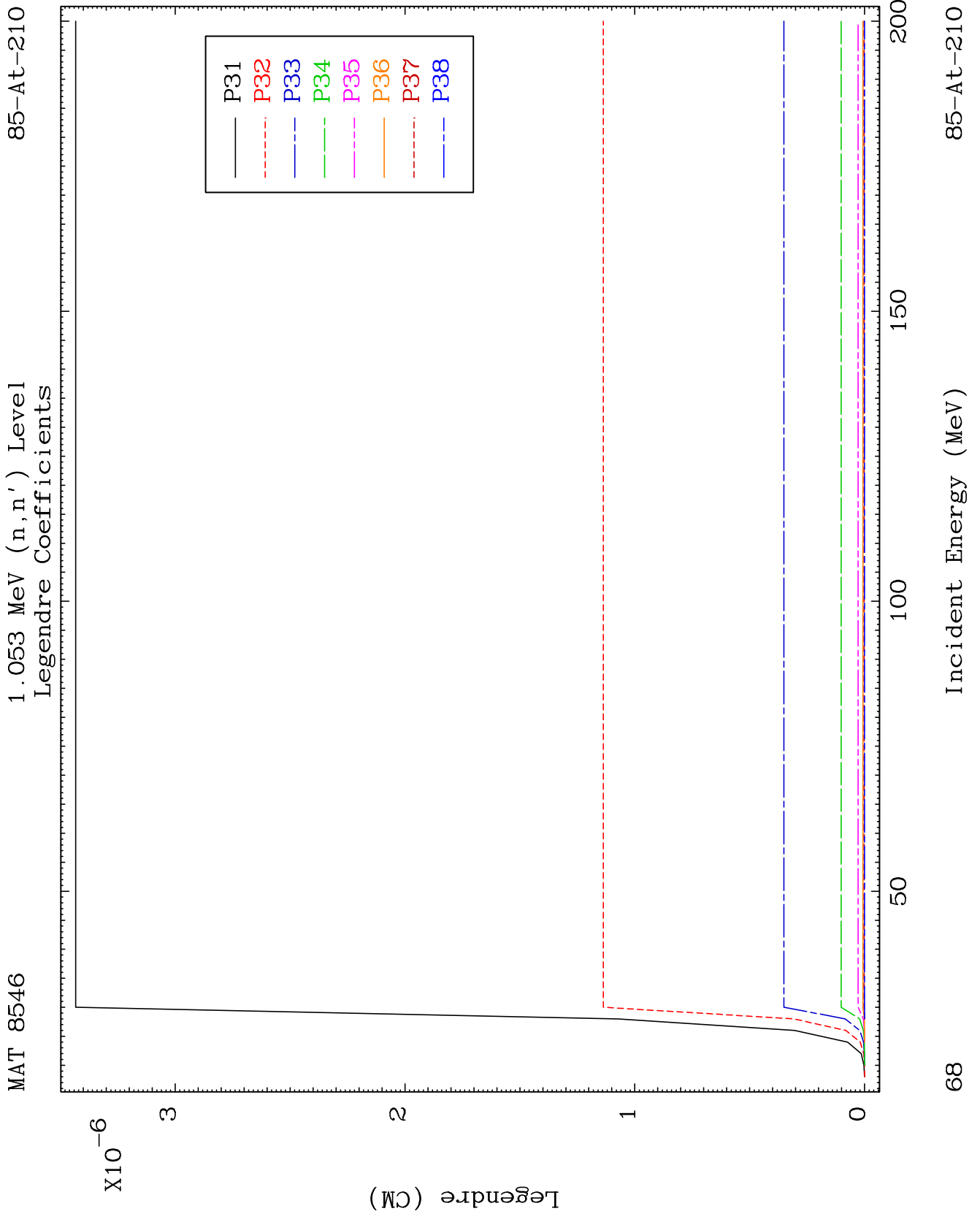
85-At-210

Incident Energy (MeV)

65



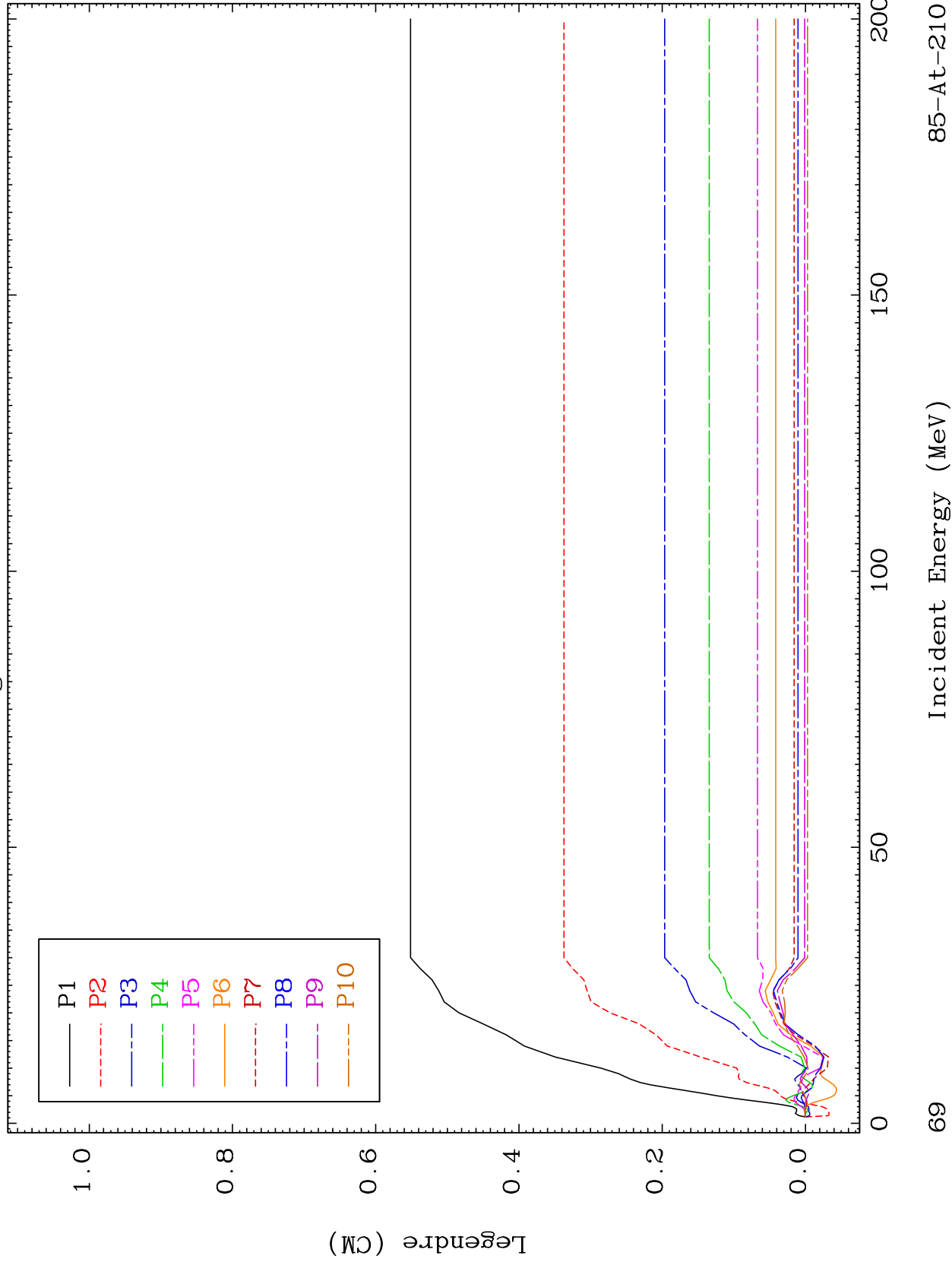




MAT 8546

1.129 MeV (n,n') Level  
Legendre Coefficients

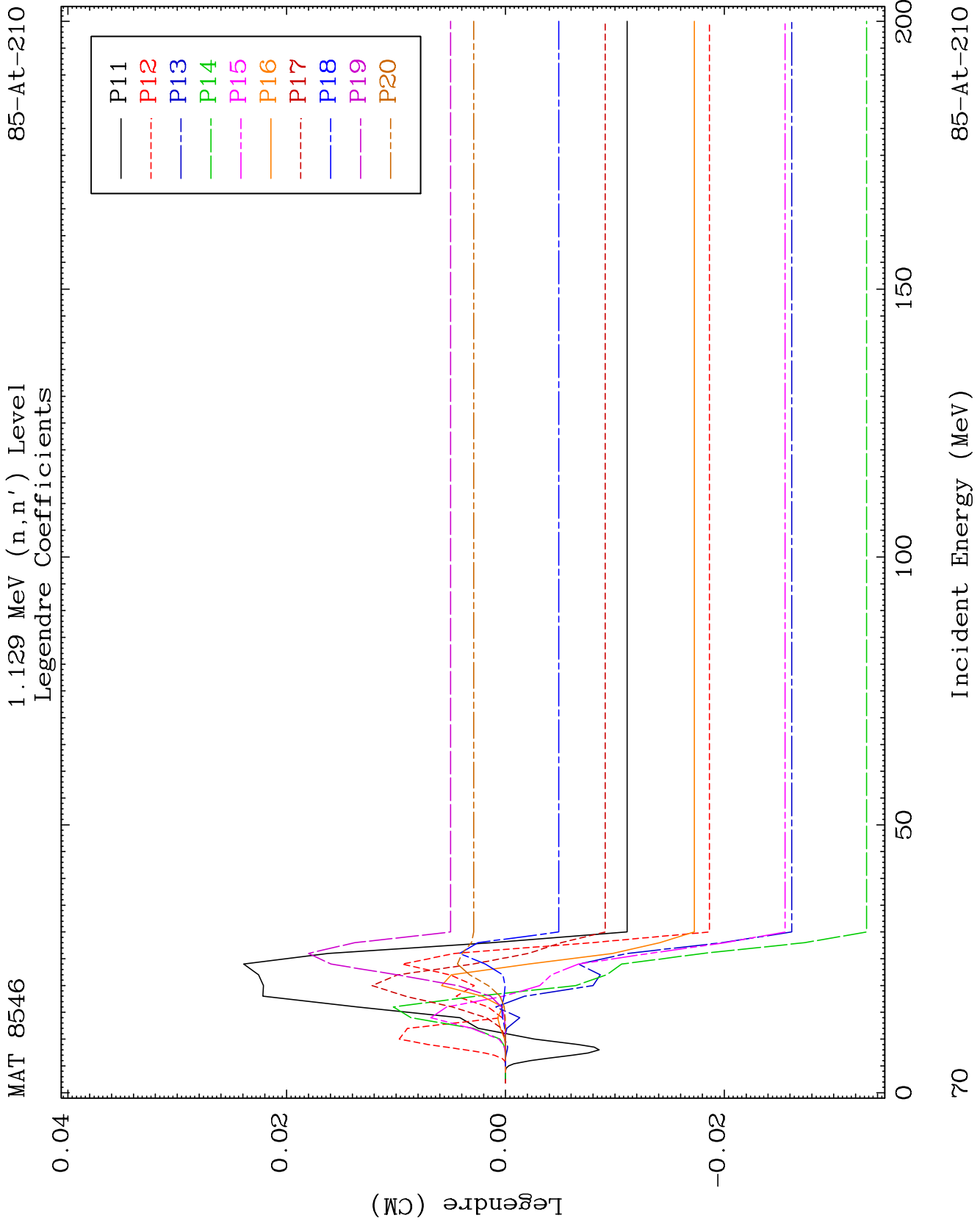
85-At-210

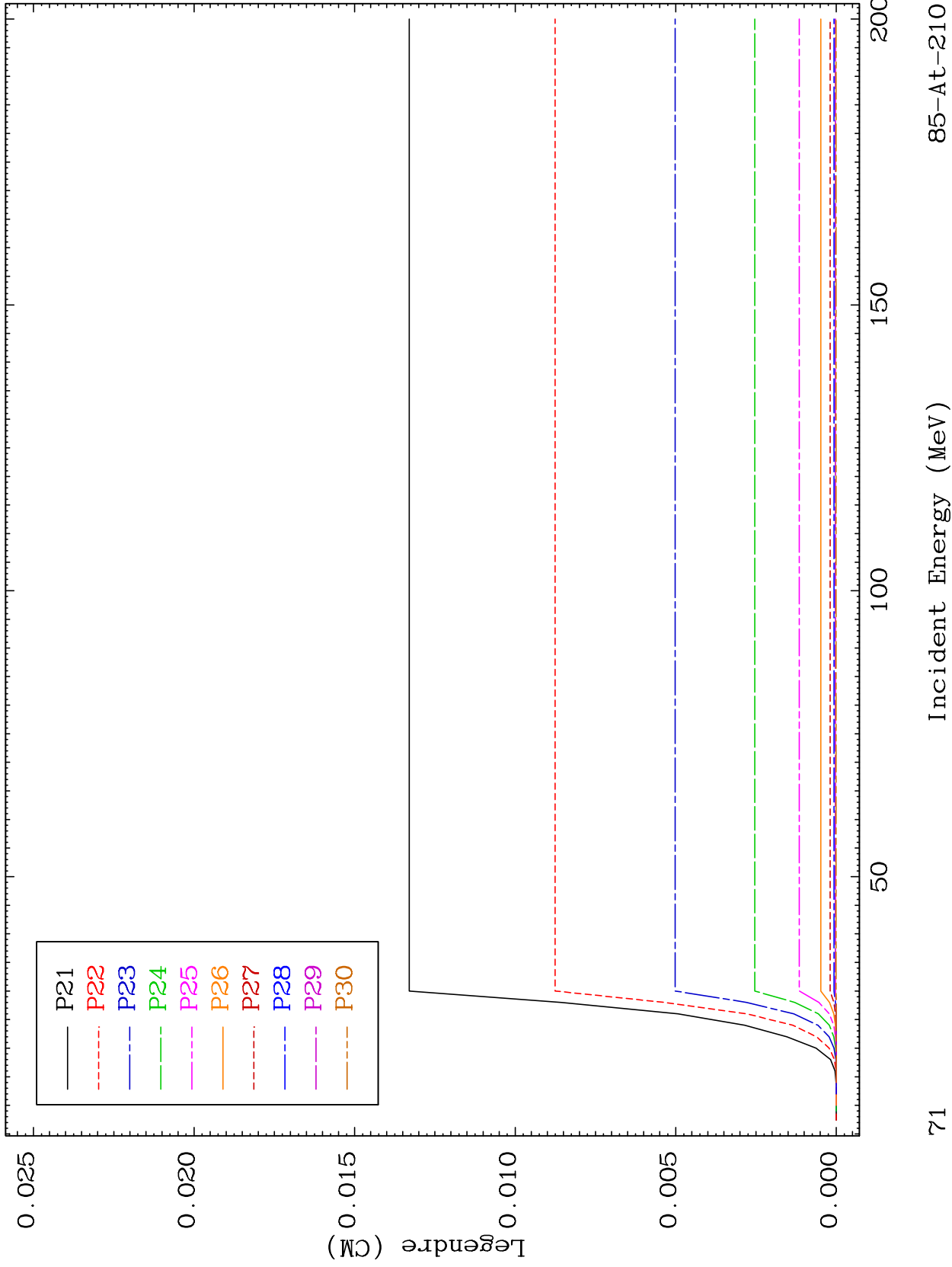


85-At-210

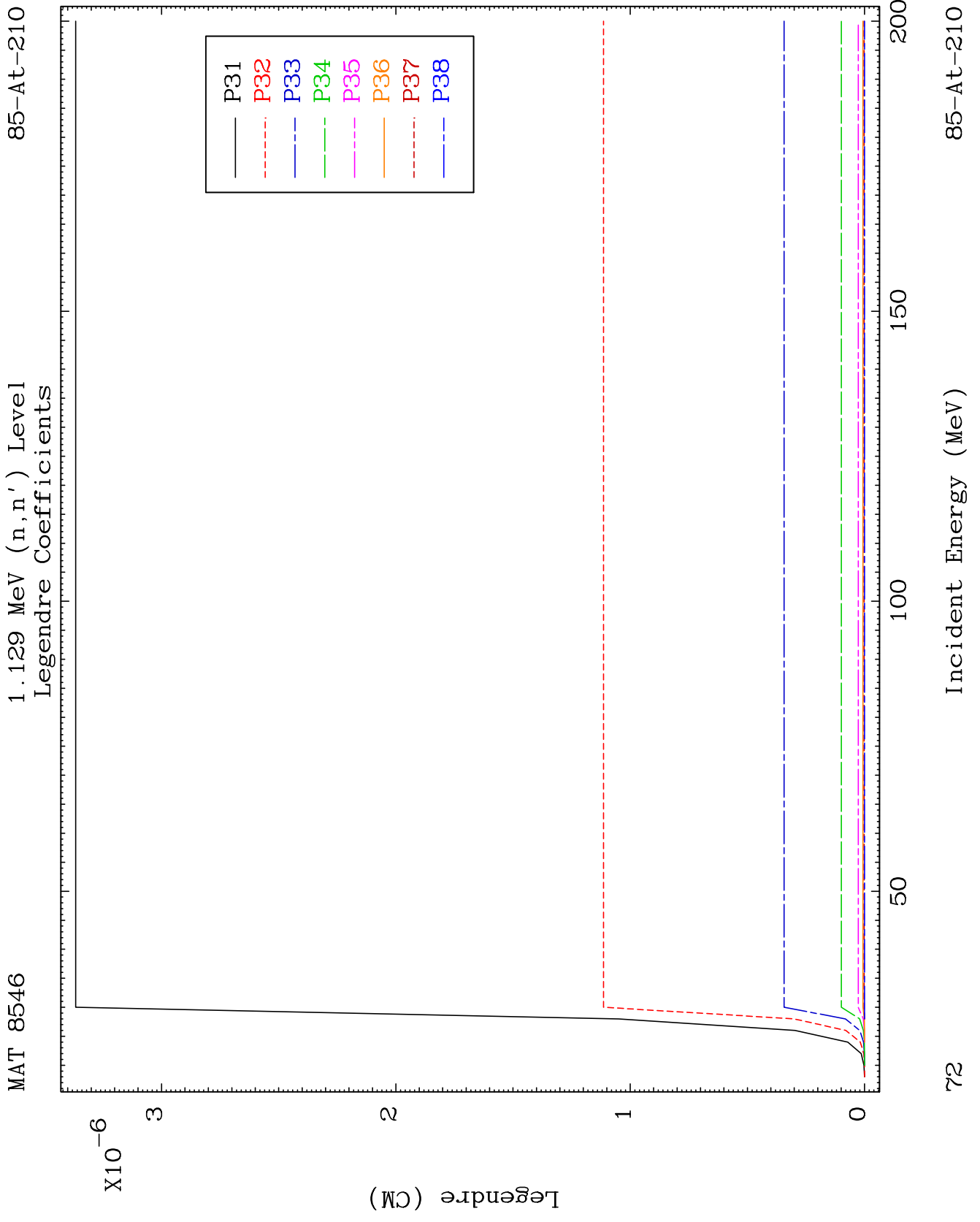
Incident Energy (MeV)

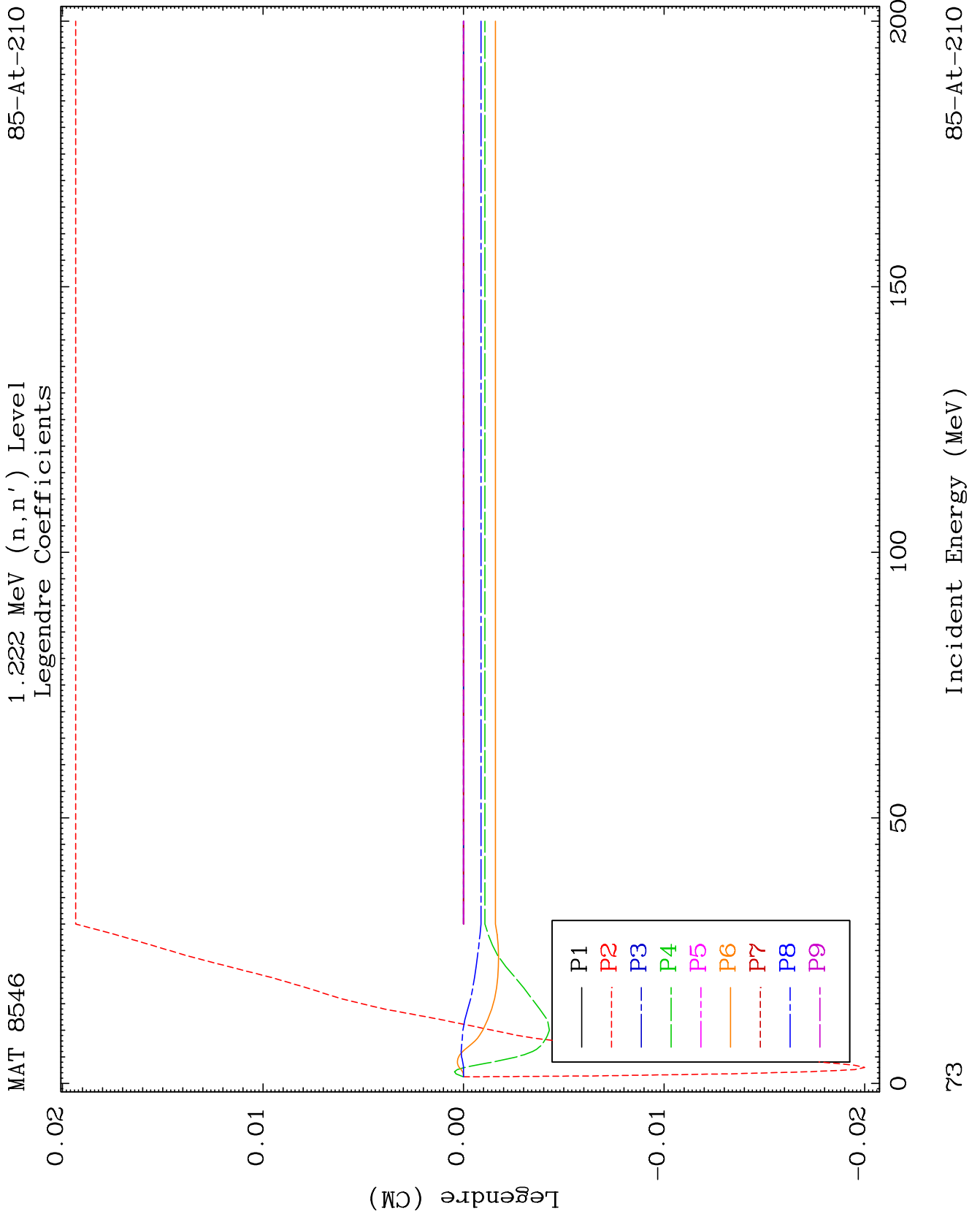
69







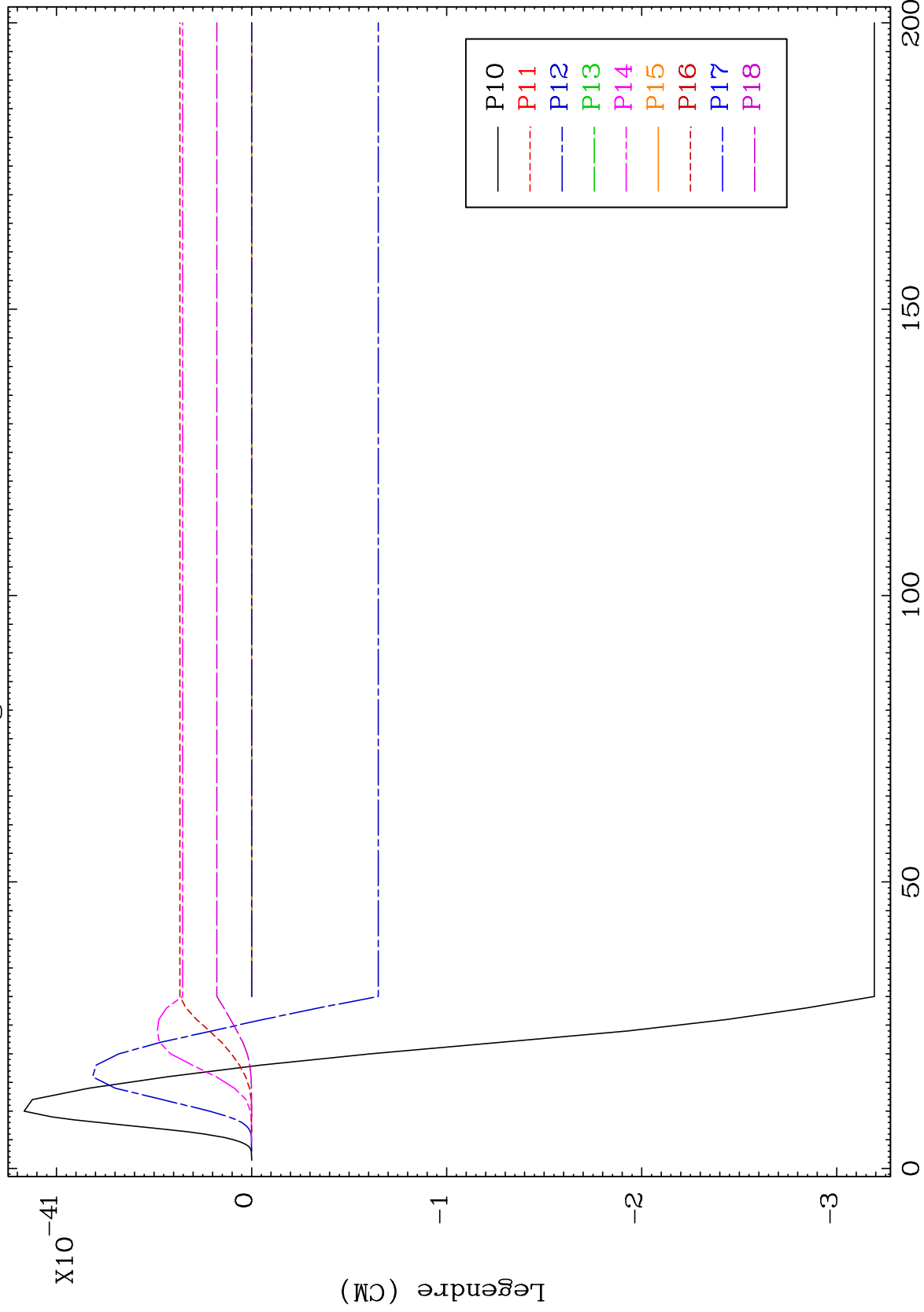




MAT 8546

1.222 MeV (n,n') Level  
Legendre Coefficients

85-At-210



74

Incident Energy (MeV)

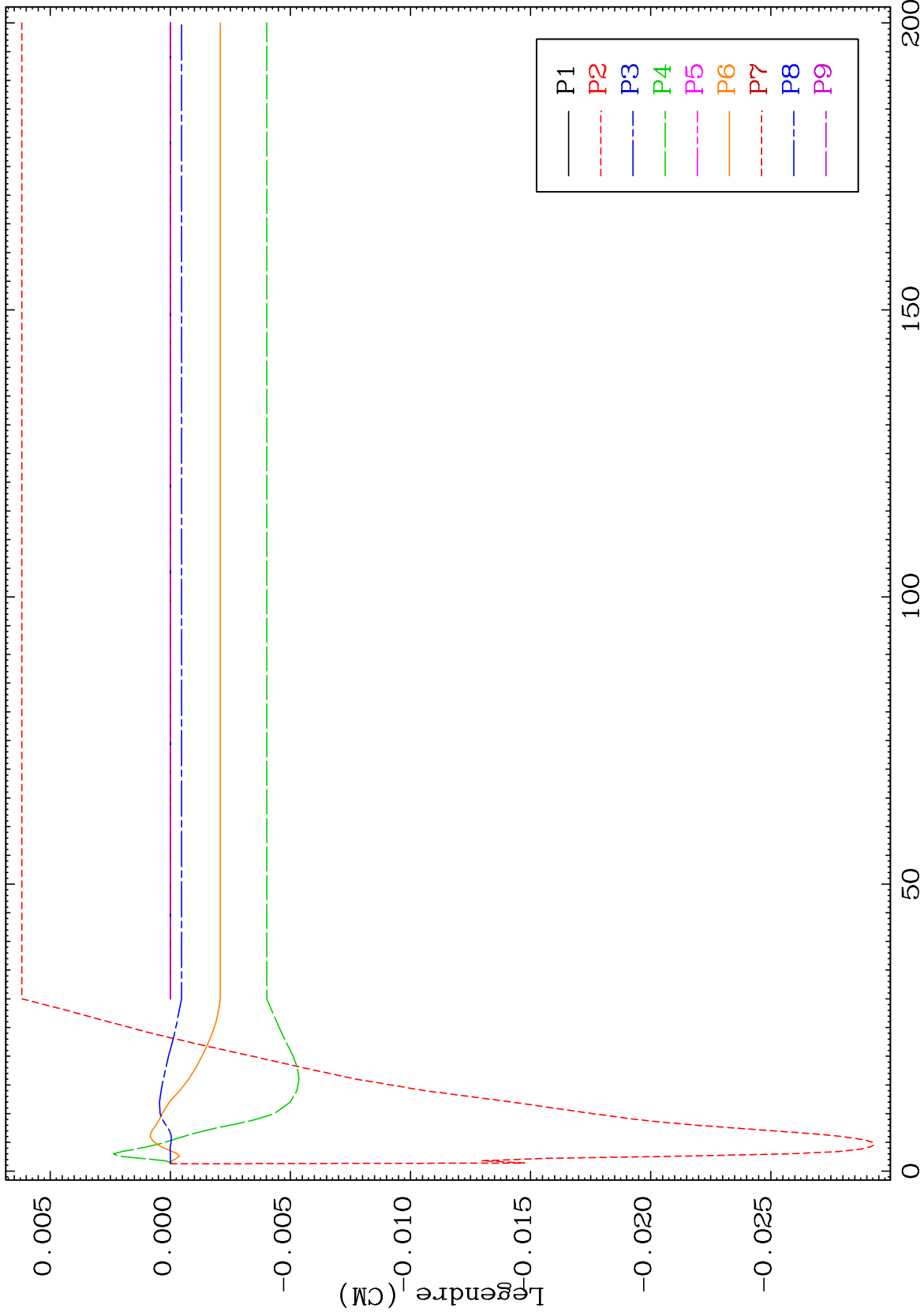
85-At-210



MAT 8546

1.252 MeV (n,n') Level  
Legendre Coefficients

85-At-210



76

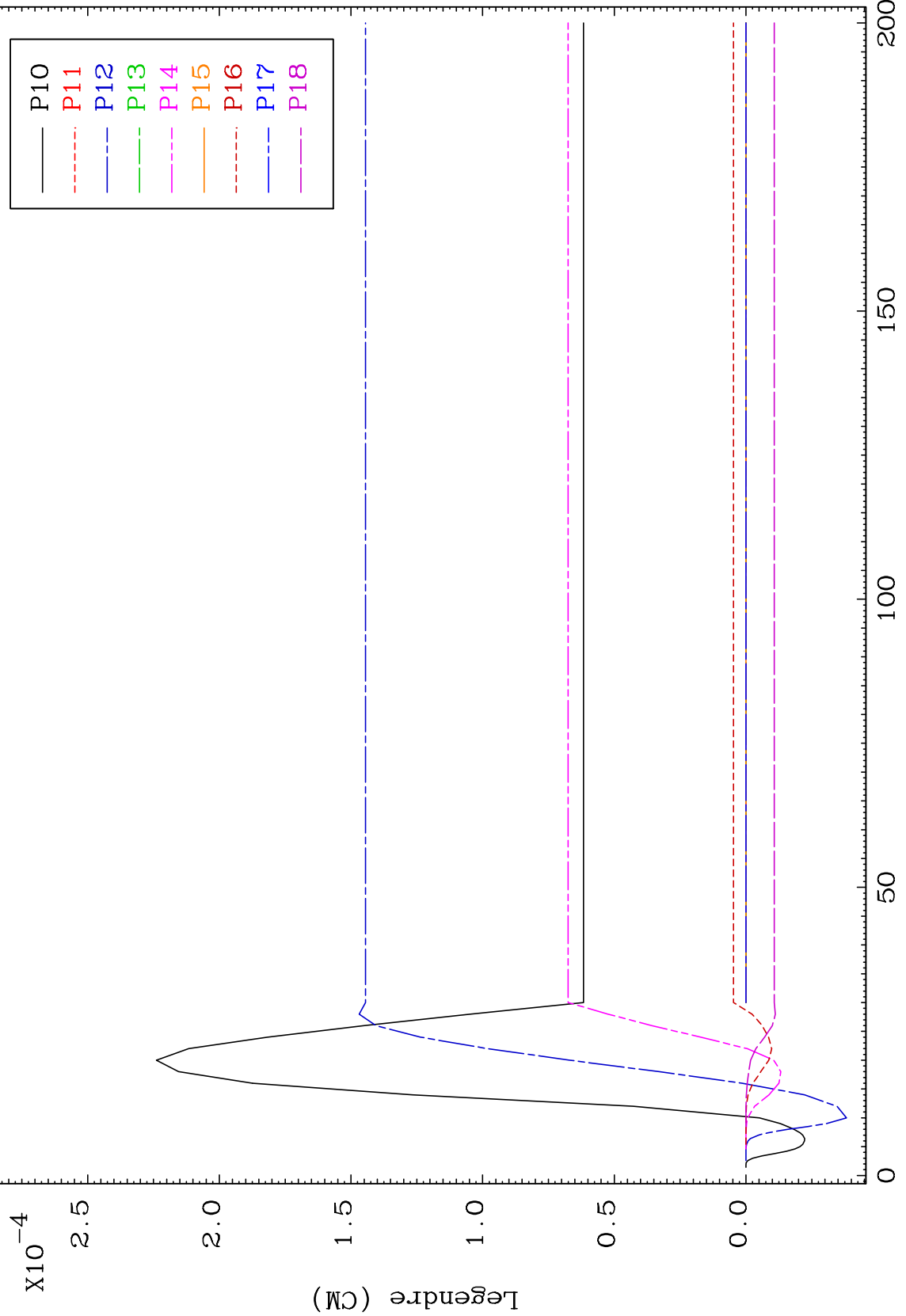
Incident Energy (MeV)

85-At-210

MAT 8546

1.252 MeV (n,n') Level  
Legendre Coefficients

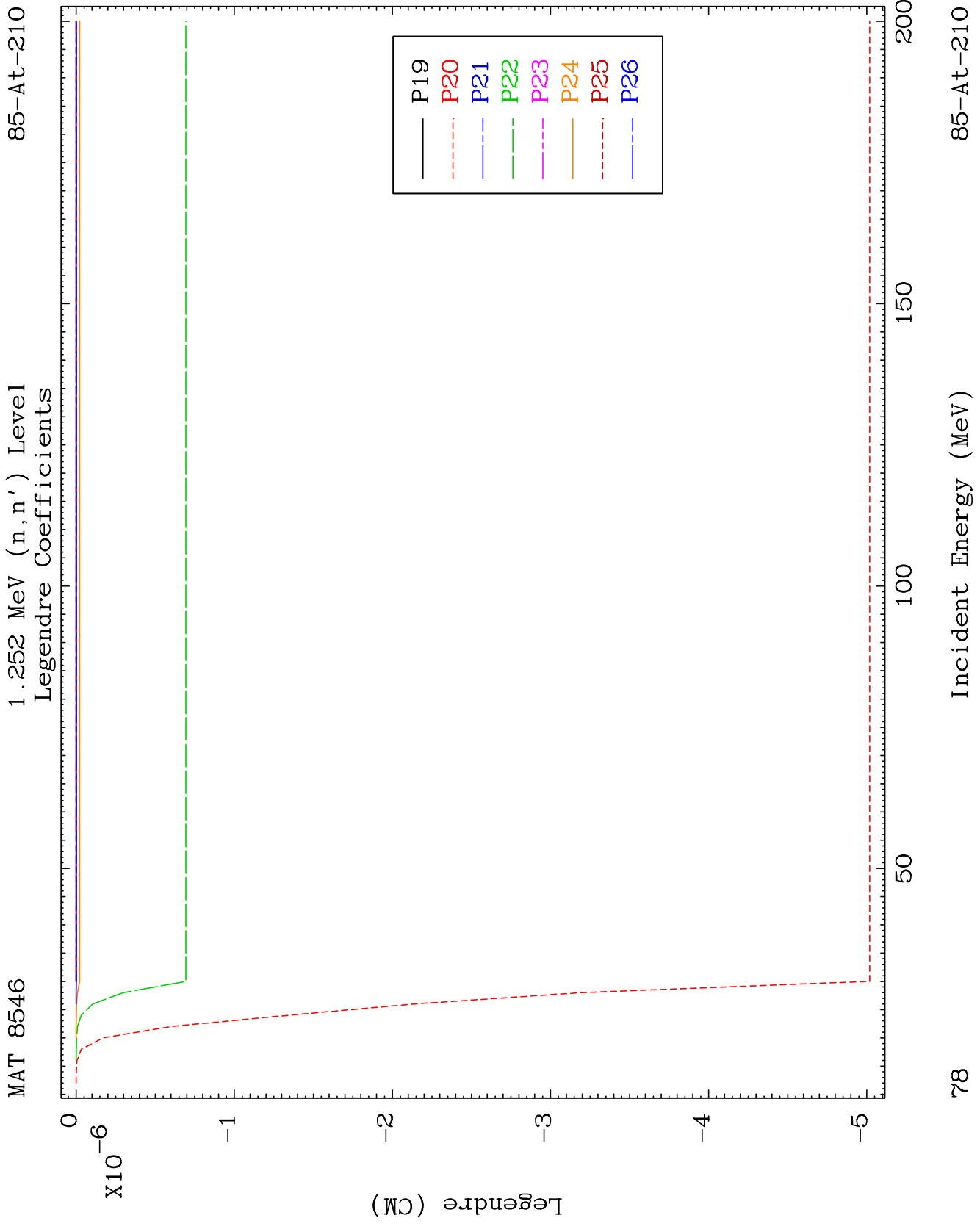
85-At-210



77

Incident Energy (MeV)

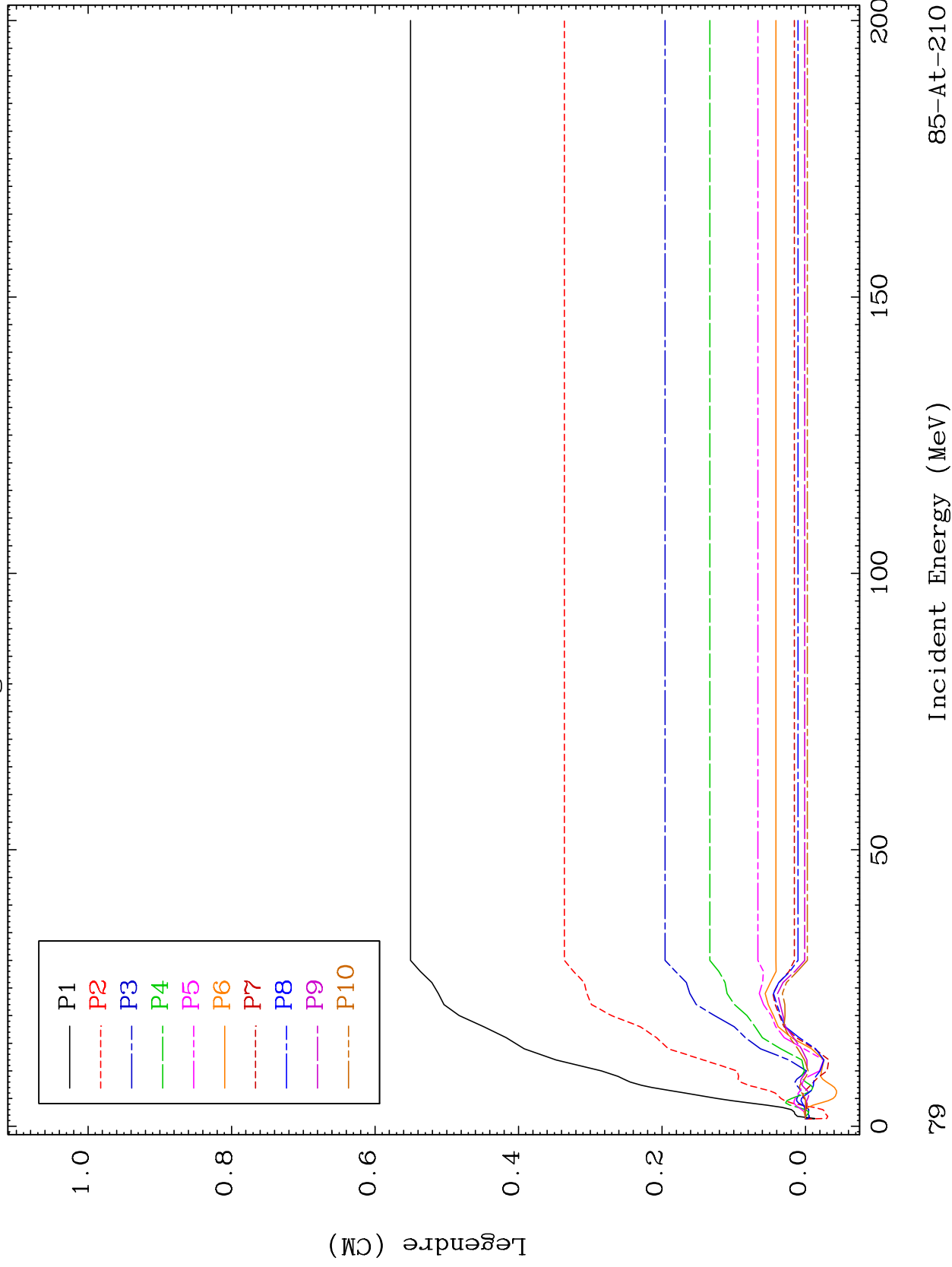
85-At-210



MAT 8546

1.292 MeV (n,n') Level  
Legendre Coefficients

85-At-210

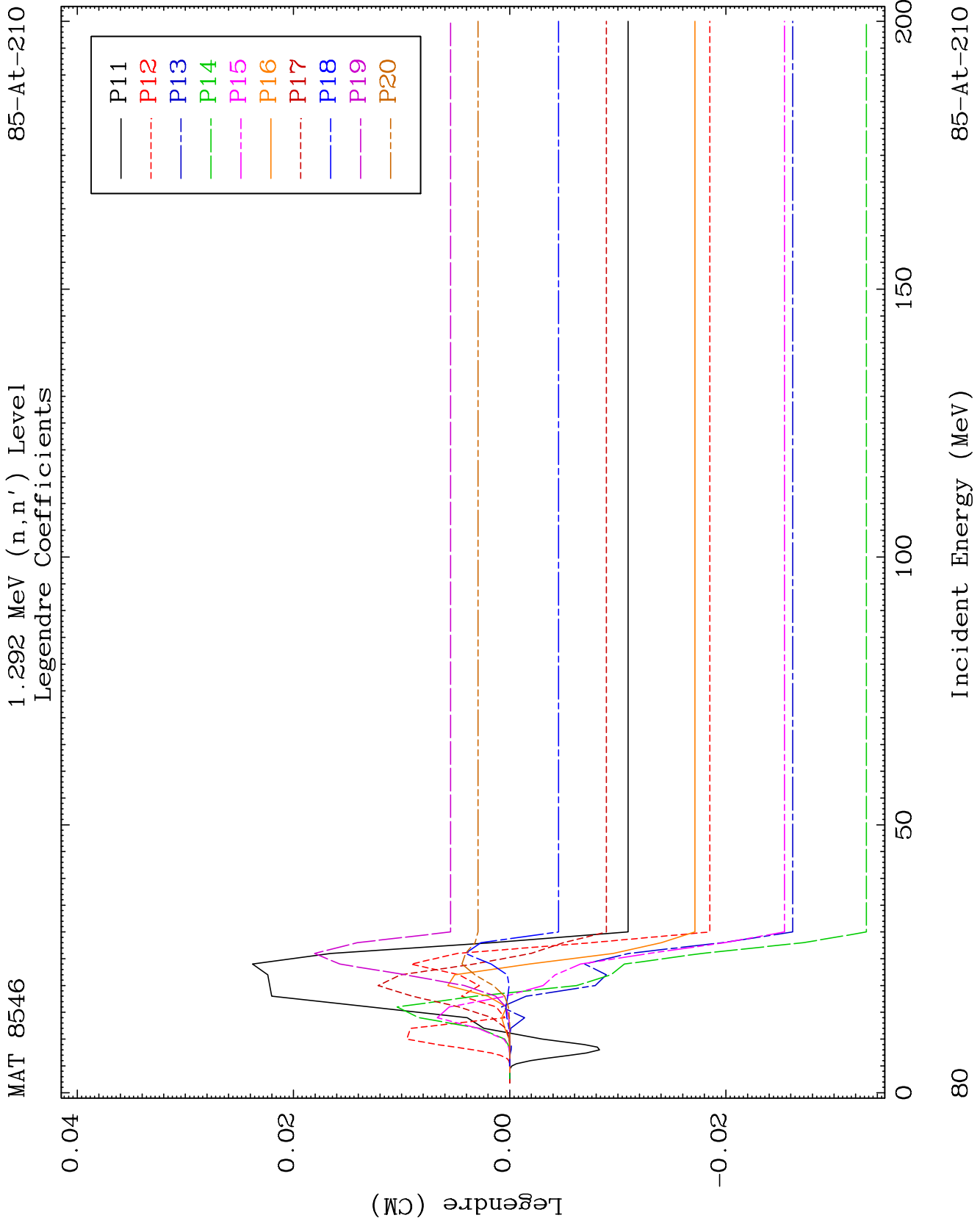


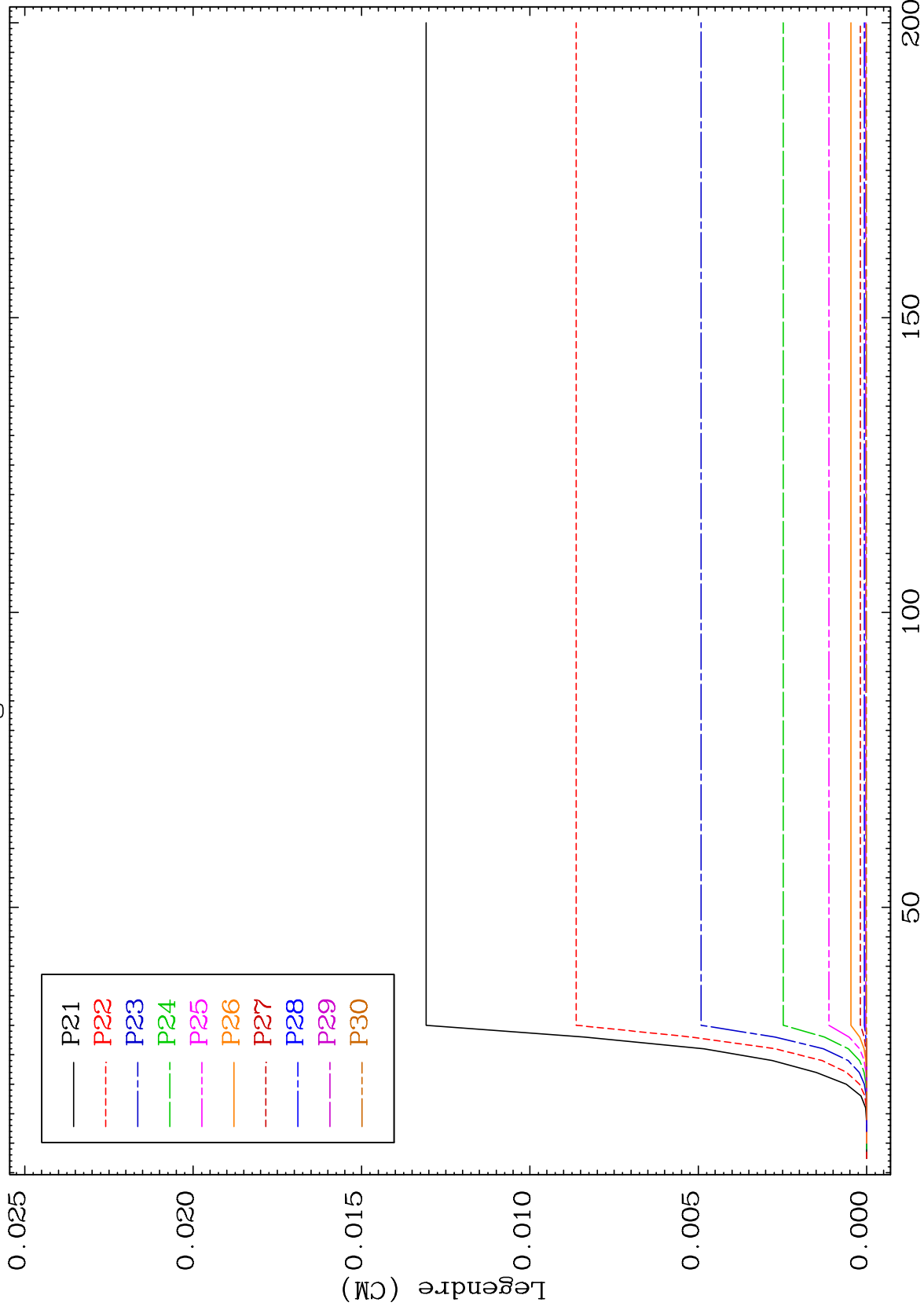
79

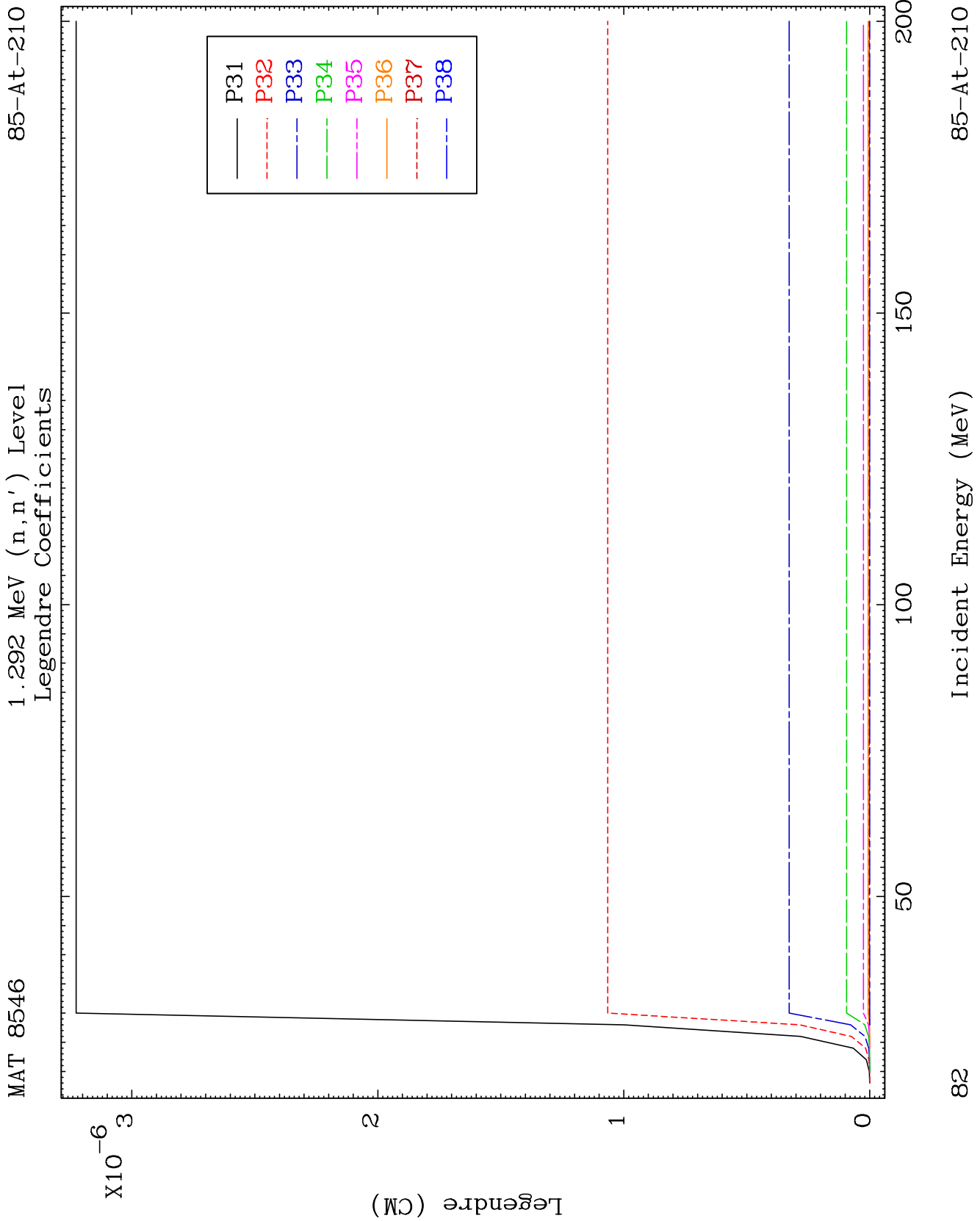
Incident Energy (MeV)

85-At-210





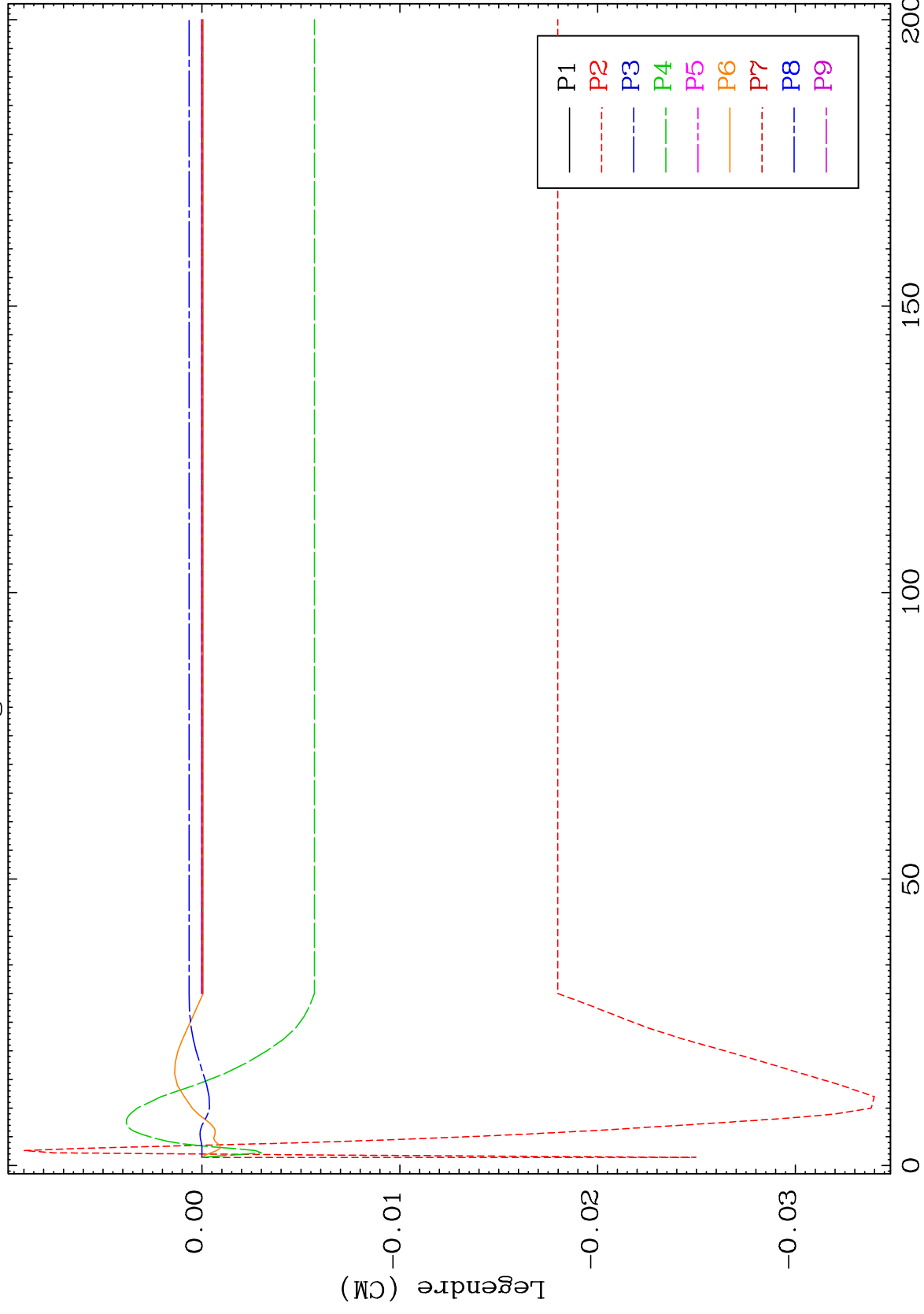




MAT 8546

1.363 MeV (n,n') Level  
Legendre Coefficients

85-At-210



83

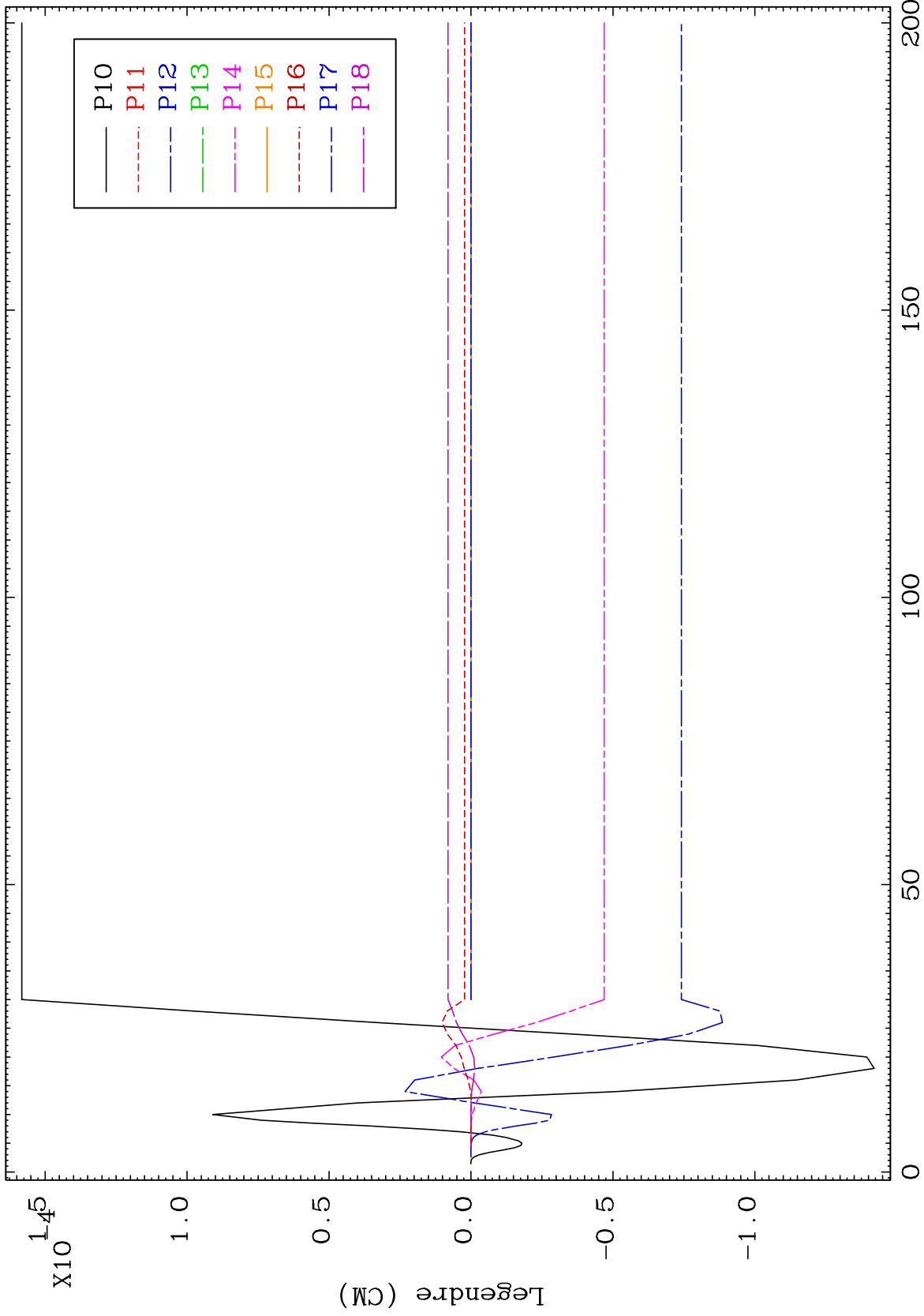
Incident Energy (MeV)

85-At-210

MAT 8546

1.363 MeV (n,n') Level  
Legendre Coefficients

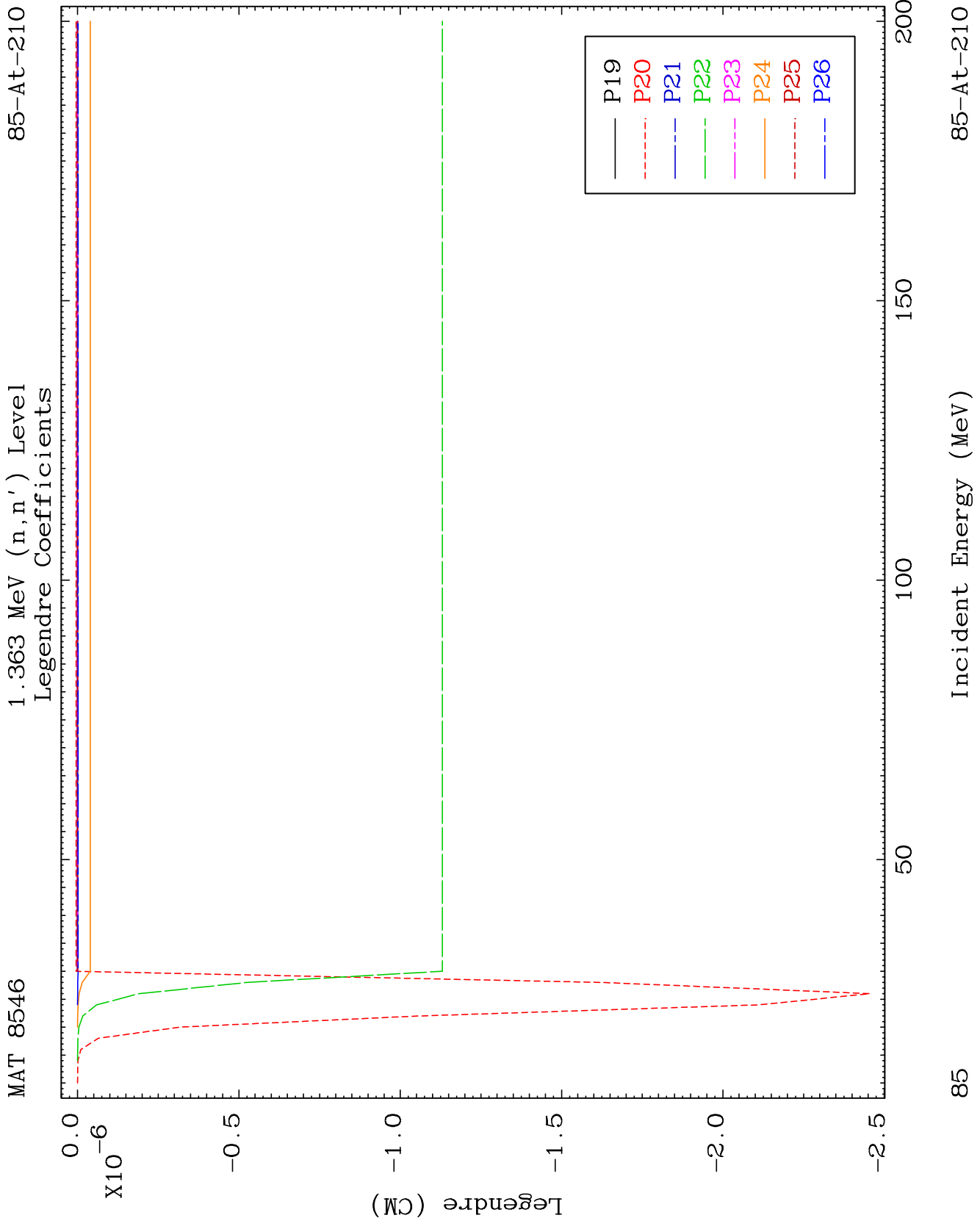
85-At-210

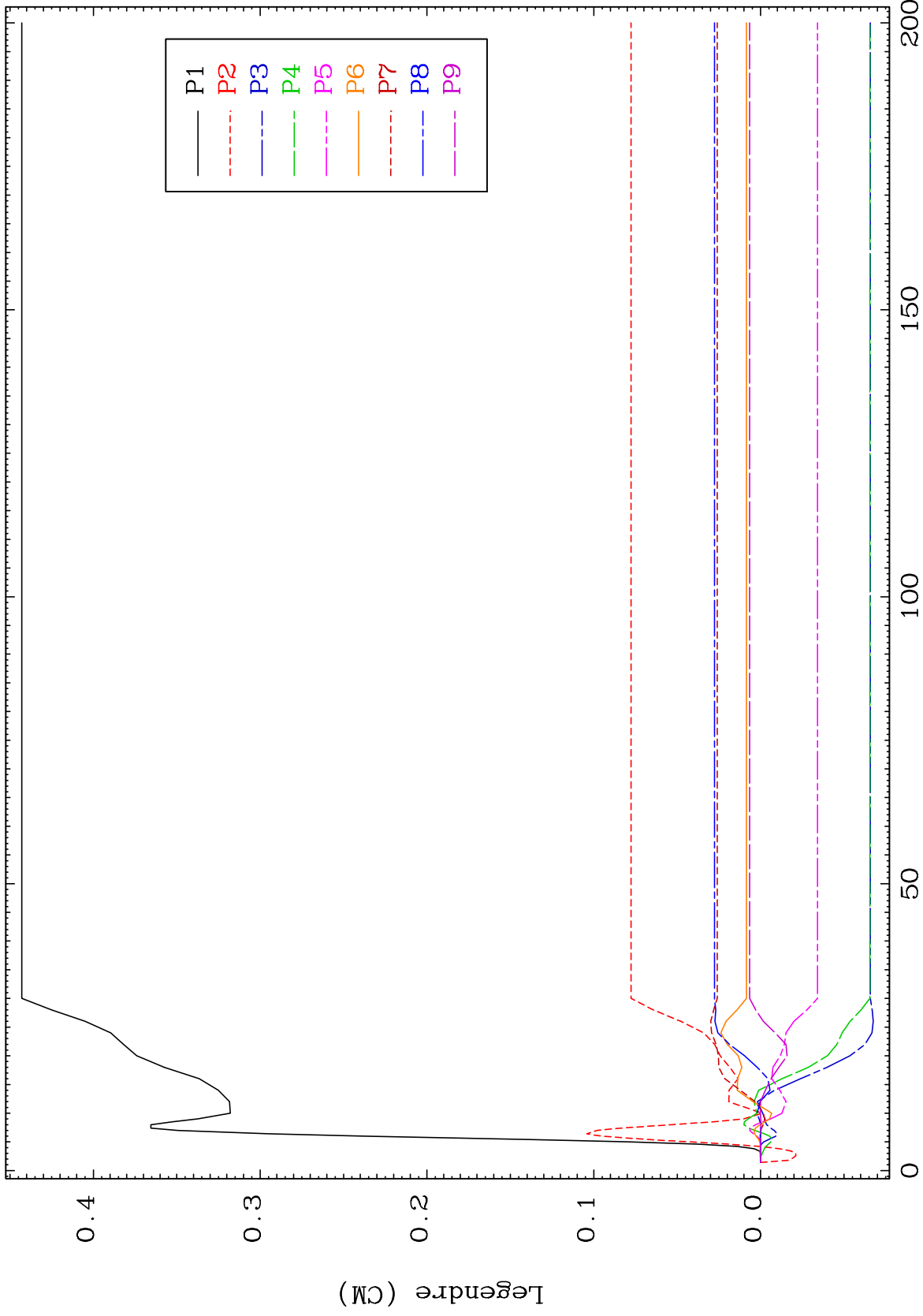


84

Incident Energy (MeV)

85-At-210

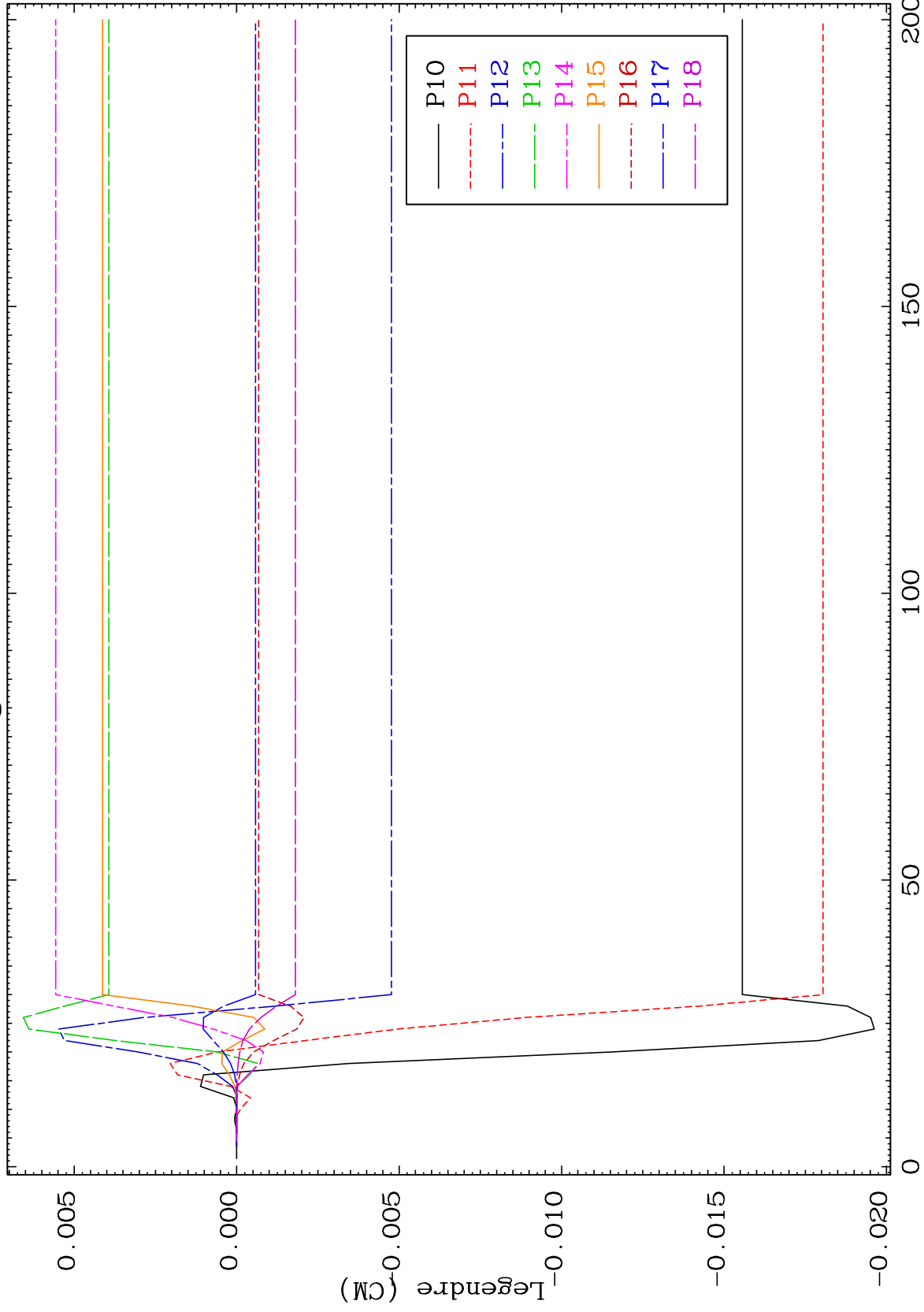




MAT 8546

1.403 MeV (n,n') Level  
Legendre Coefficients

85-At-210



87

Incident Energy (MeV)

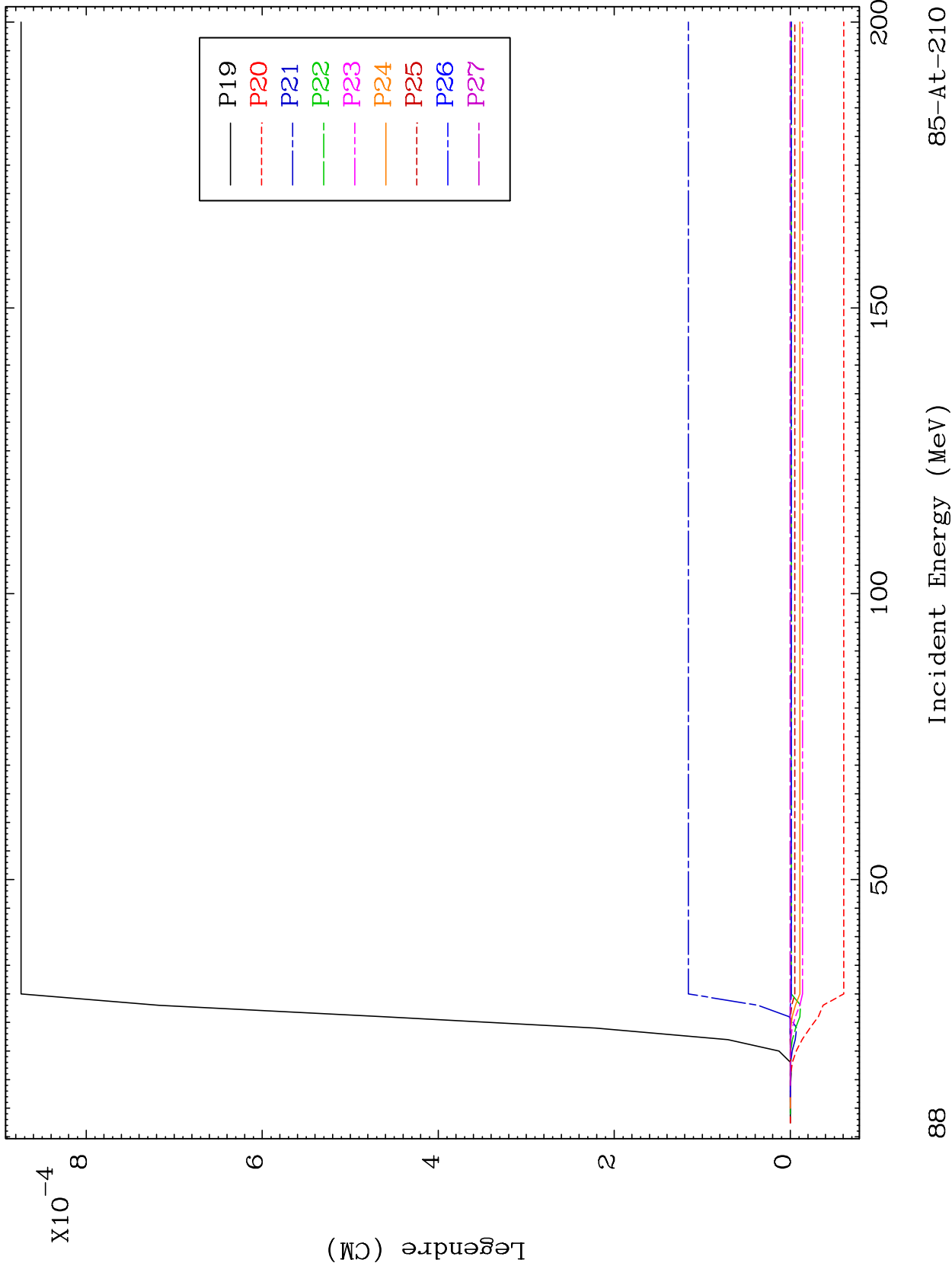
85-At-210



MAT 8546

1.403 MeV (n,n') Level  
Legendre Coefficients

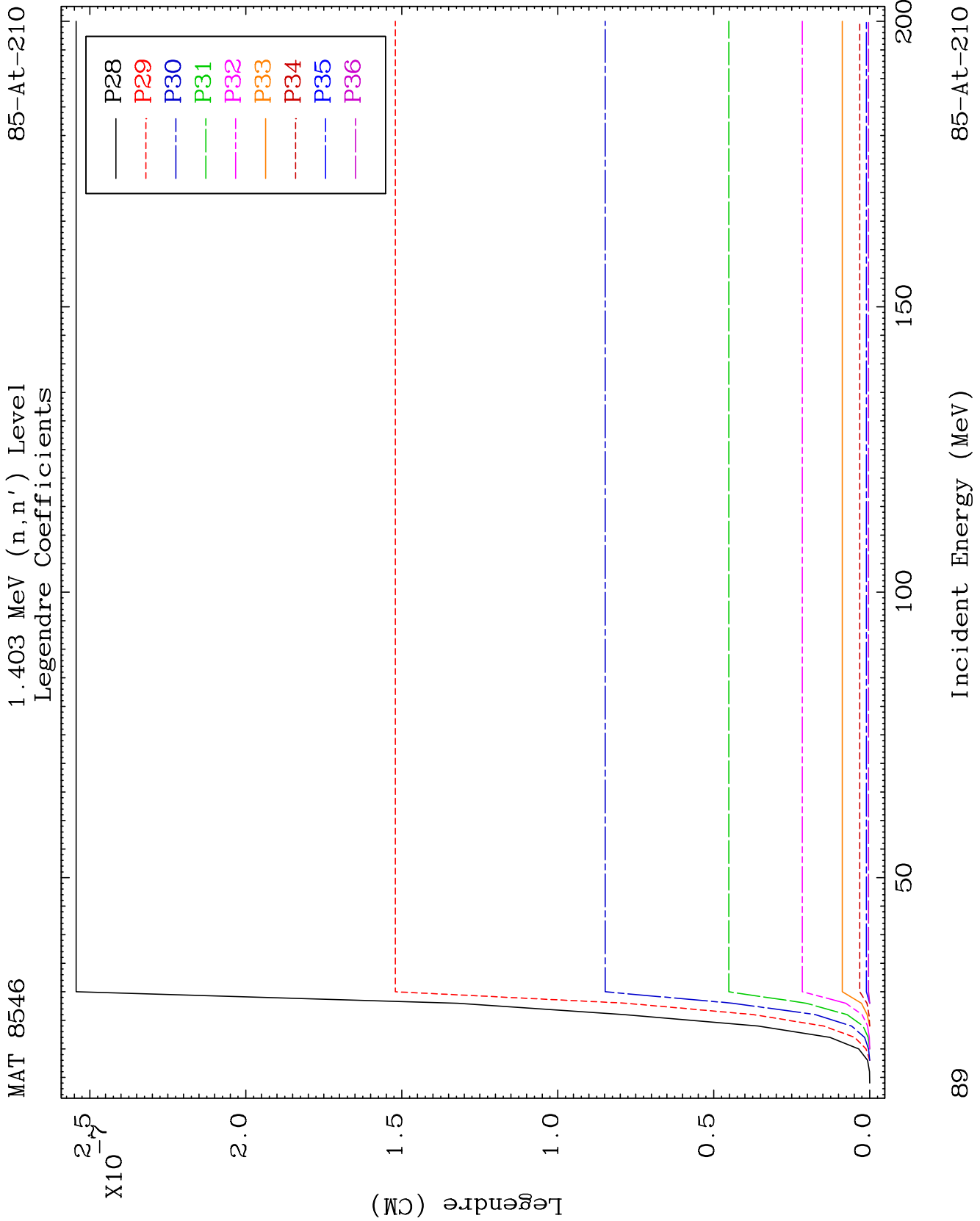
85-At-210

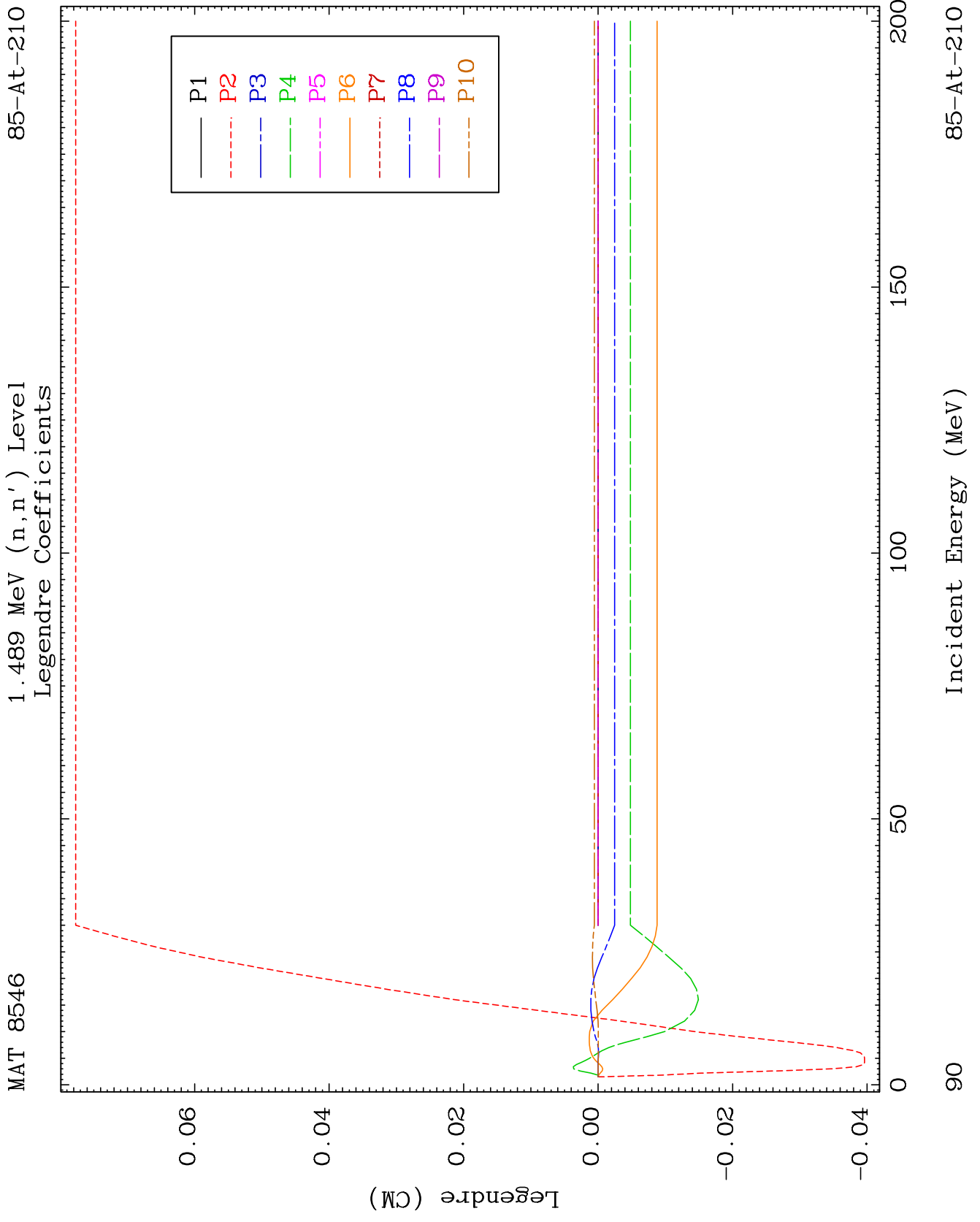


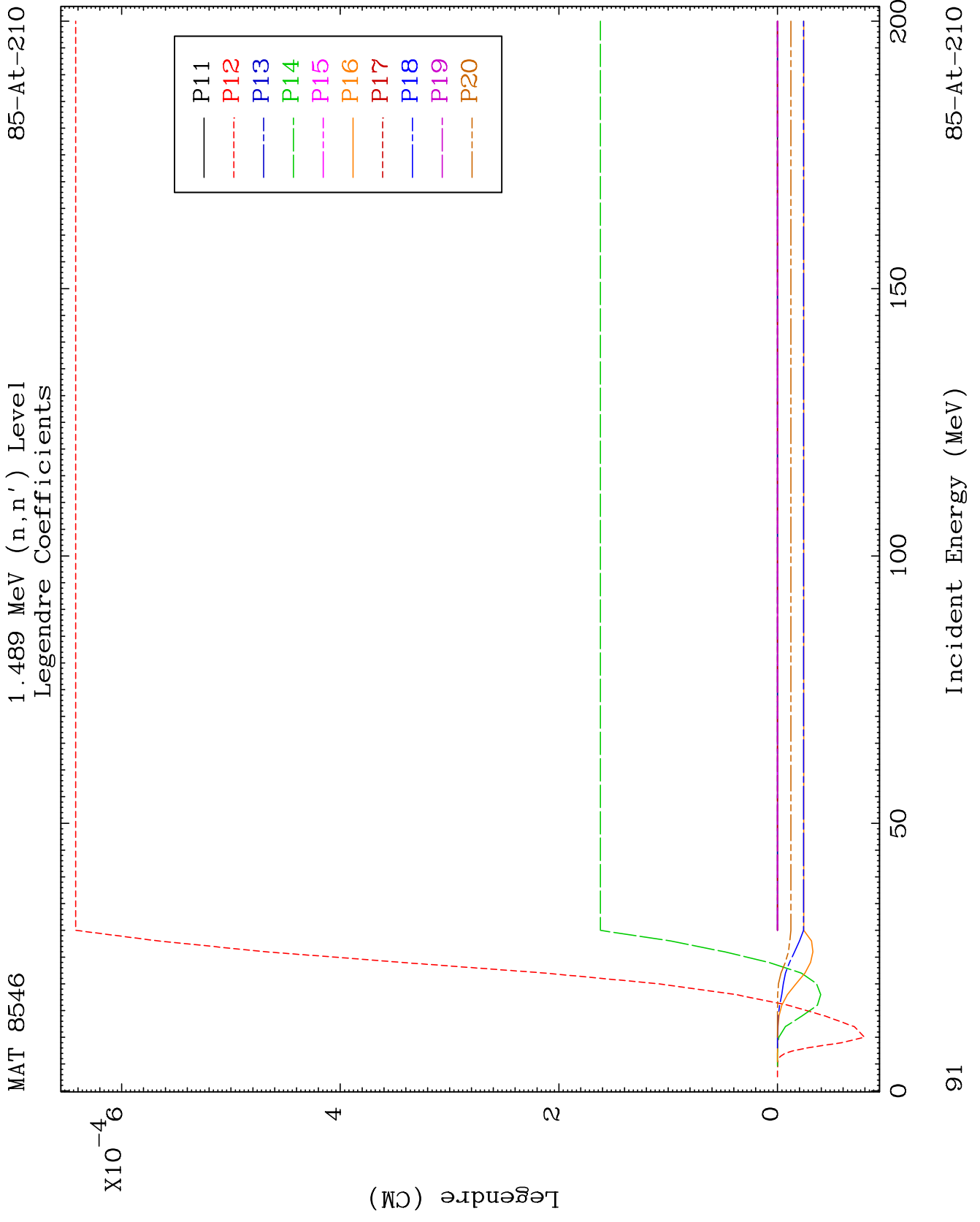
88

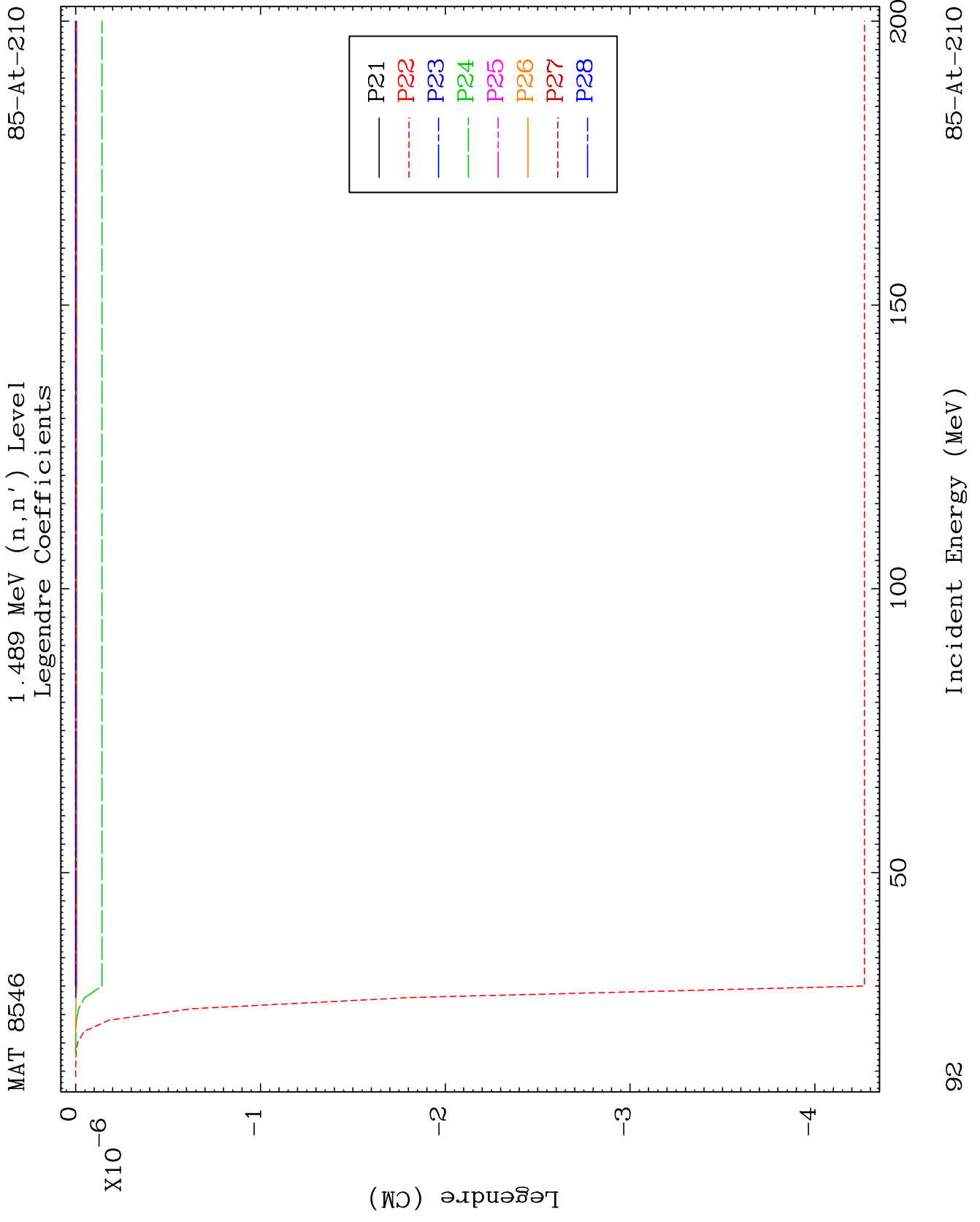
Incident Energy (MeV)

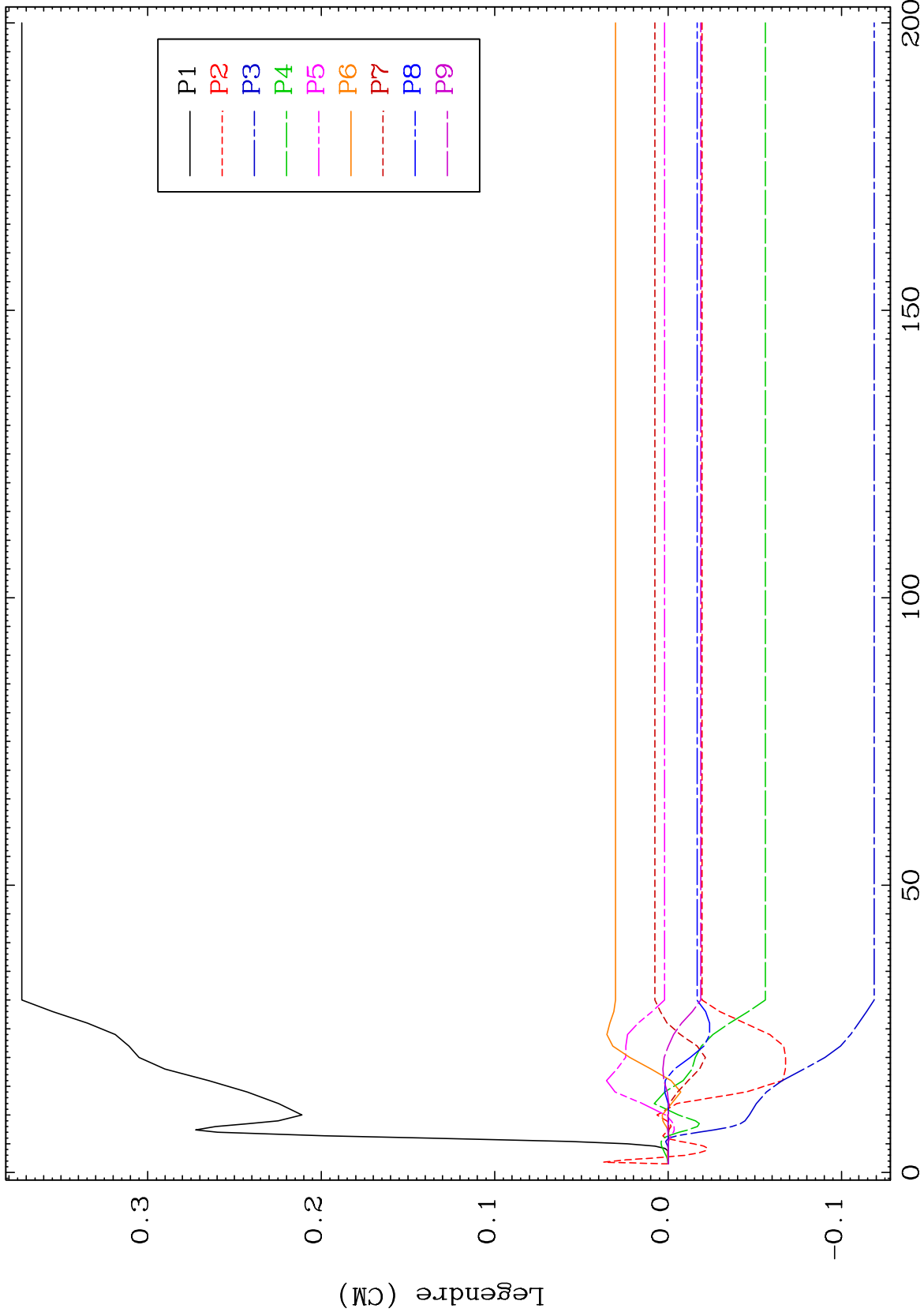
85-At-210

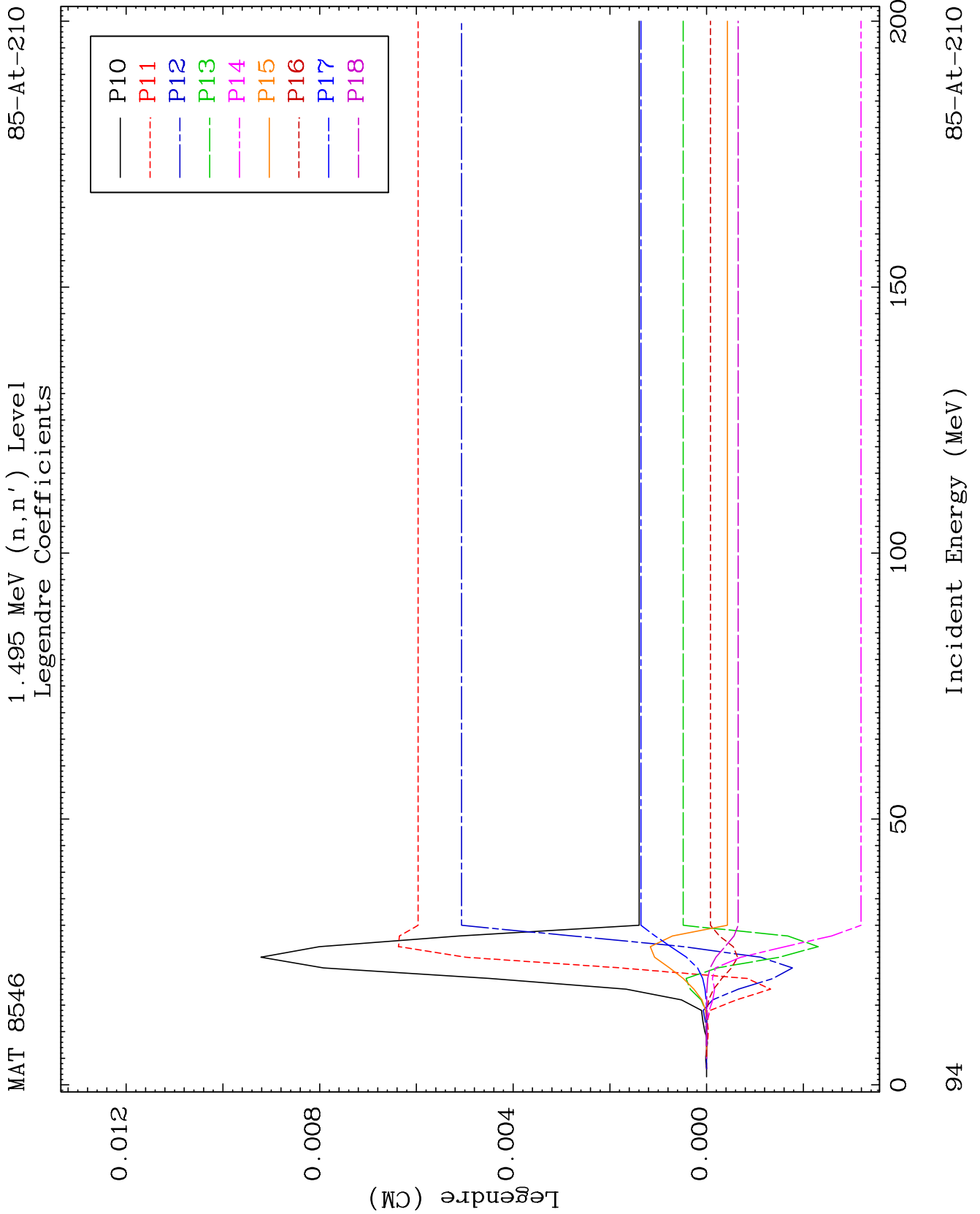


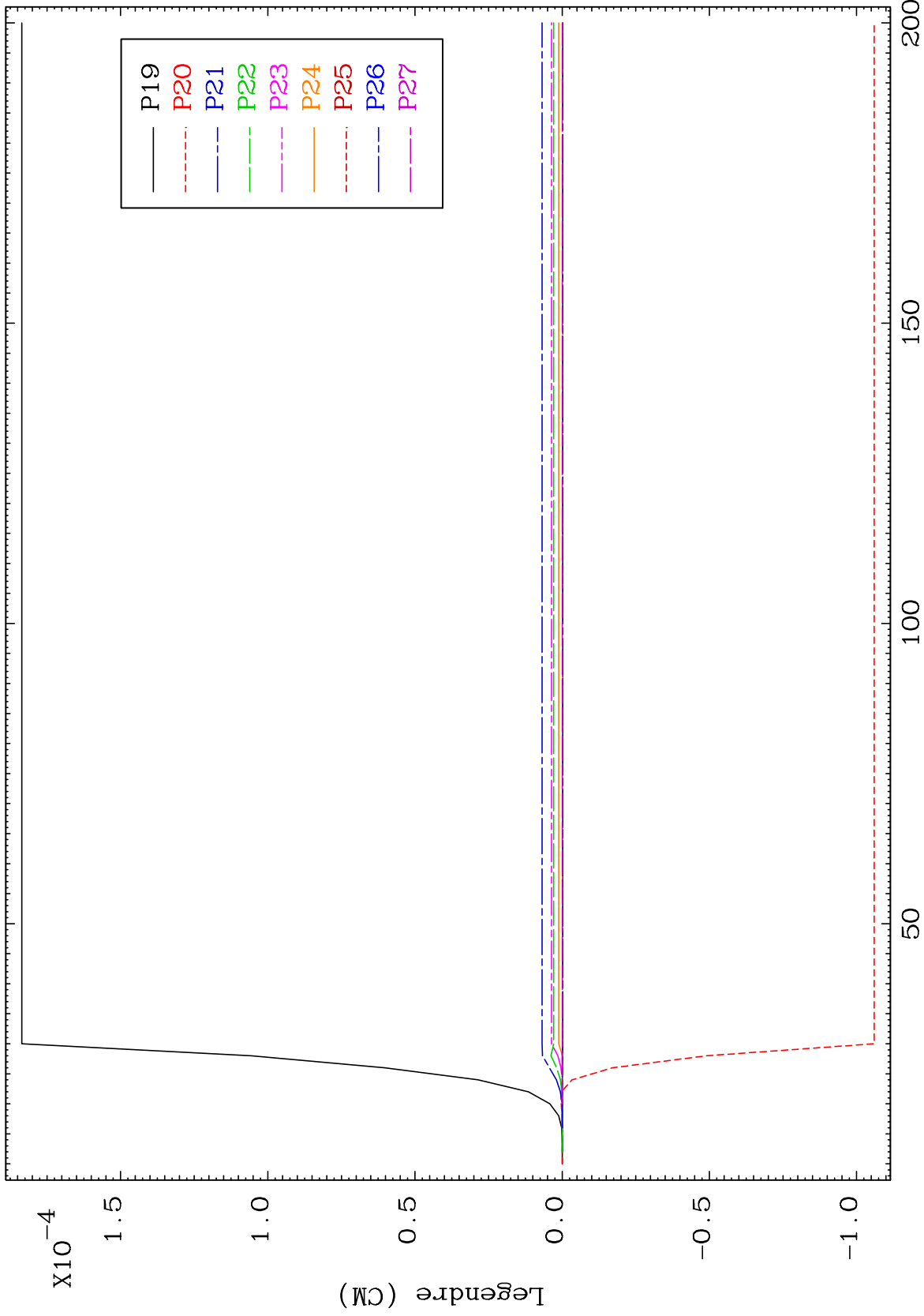




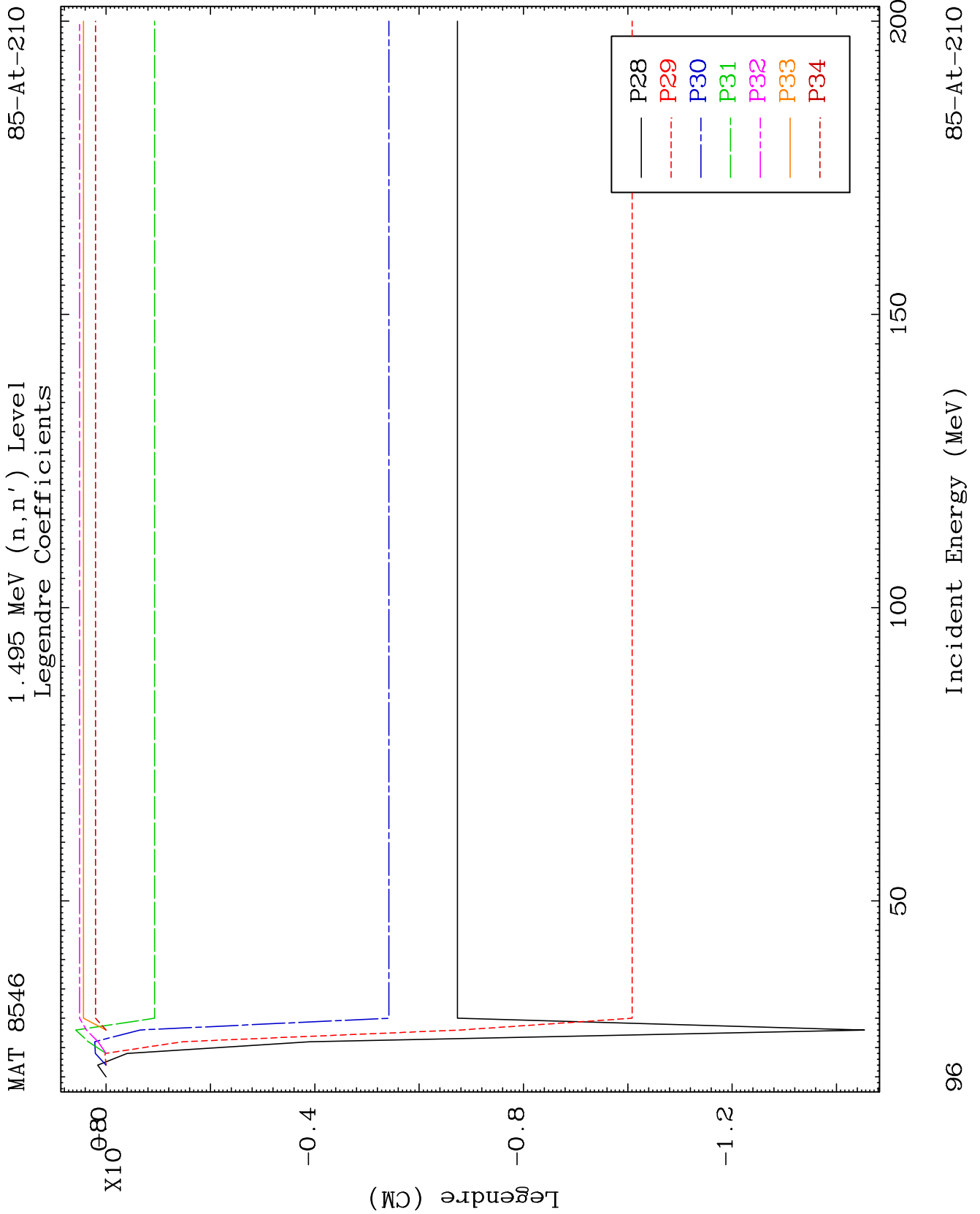




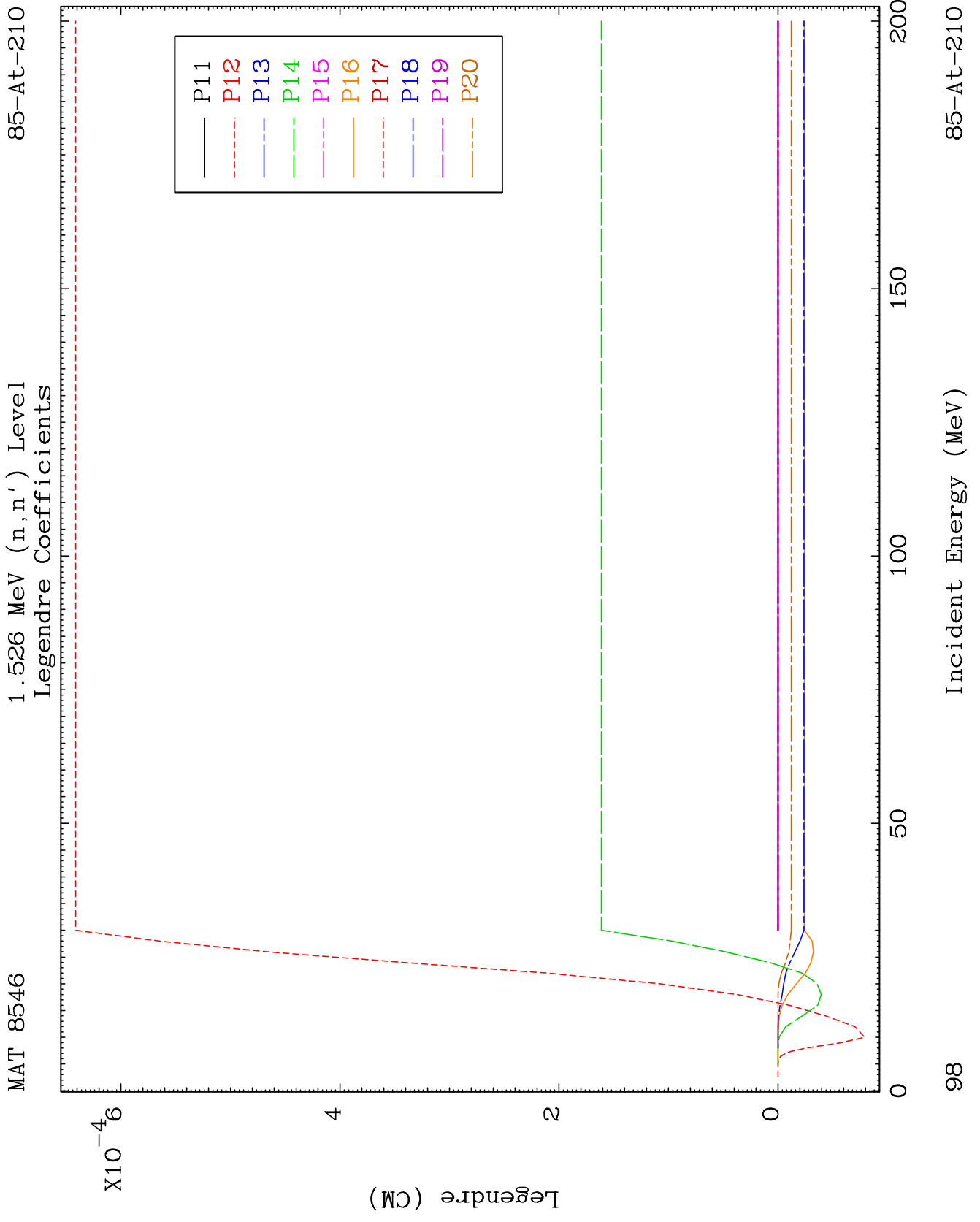


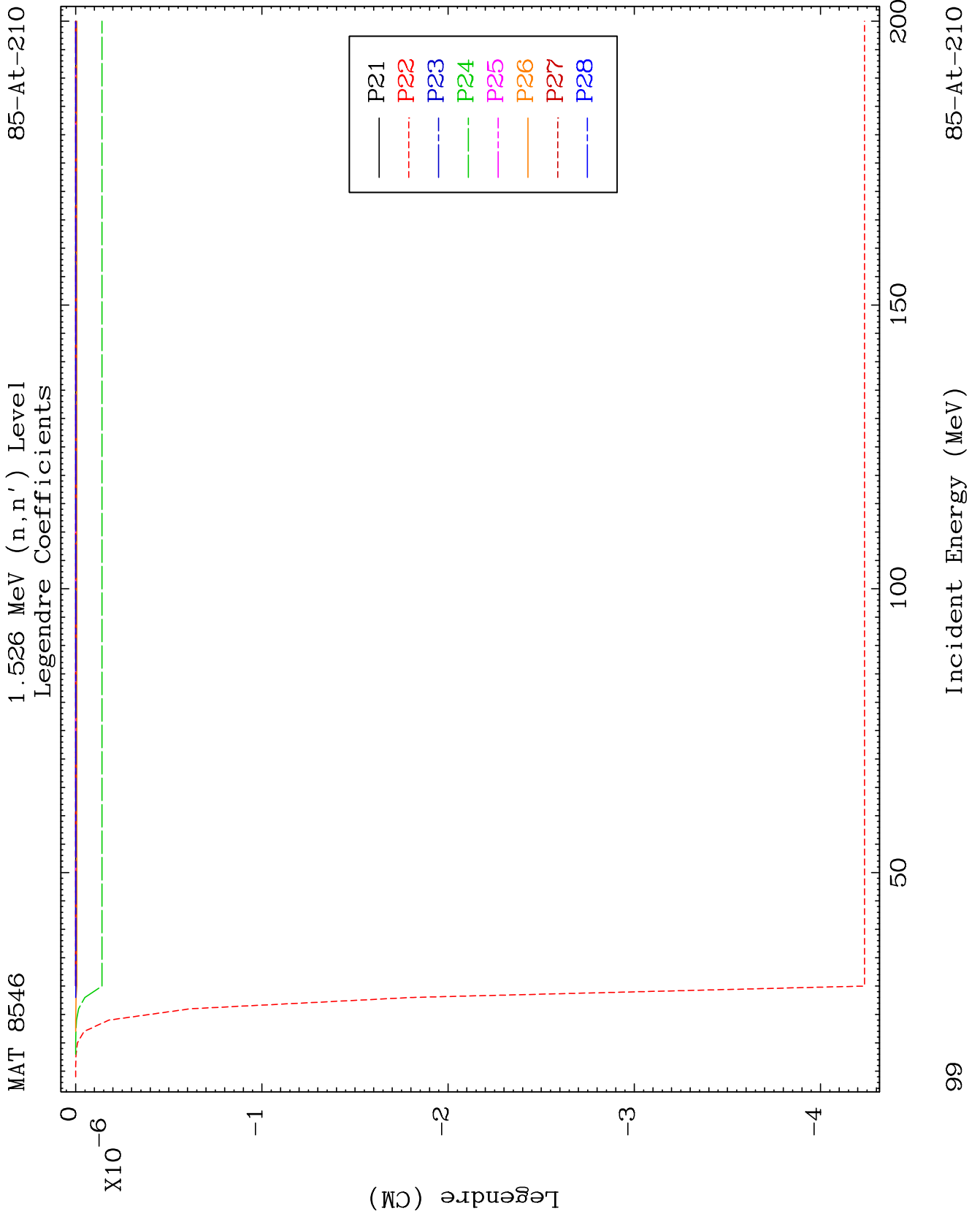




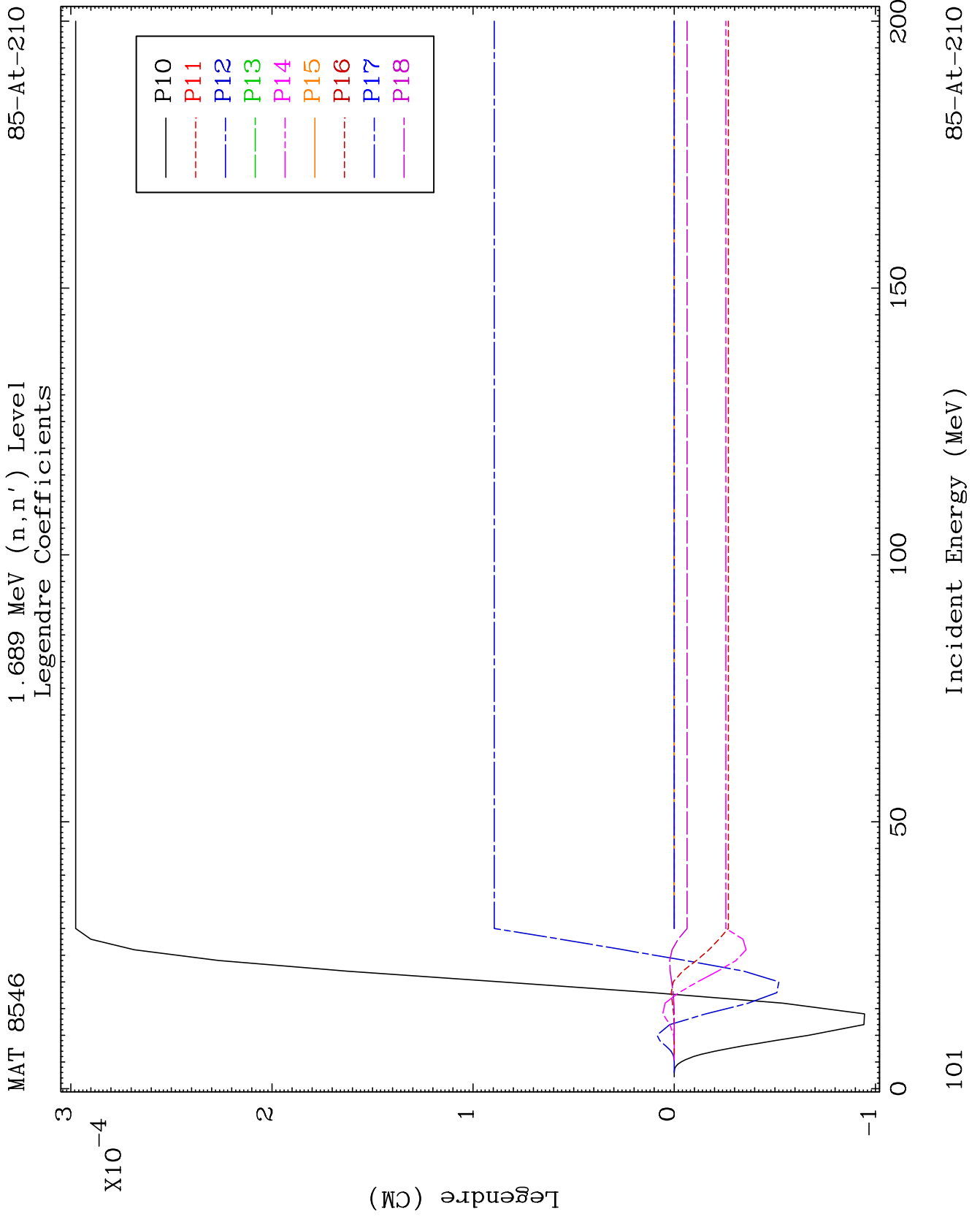


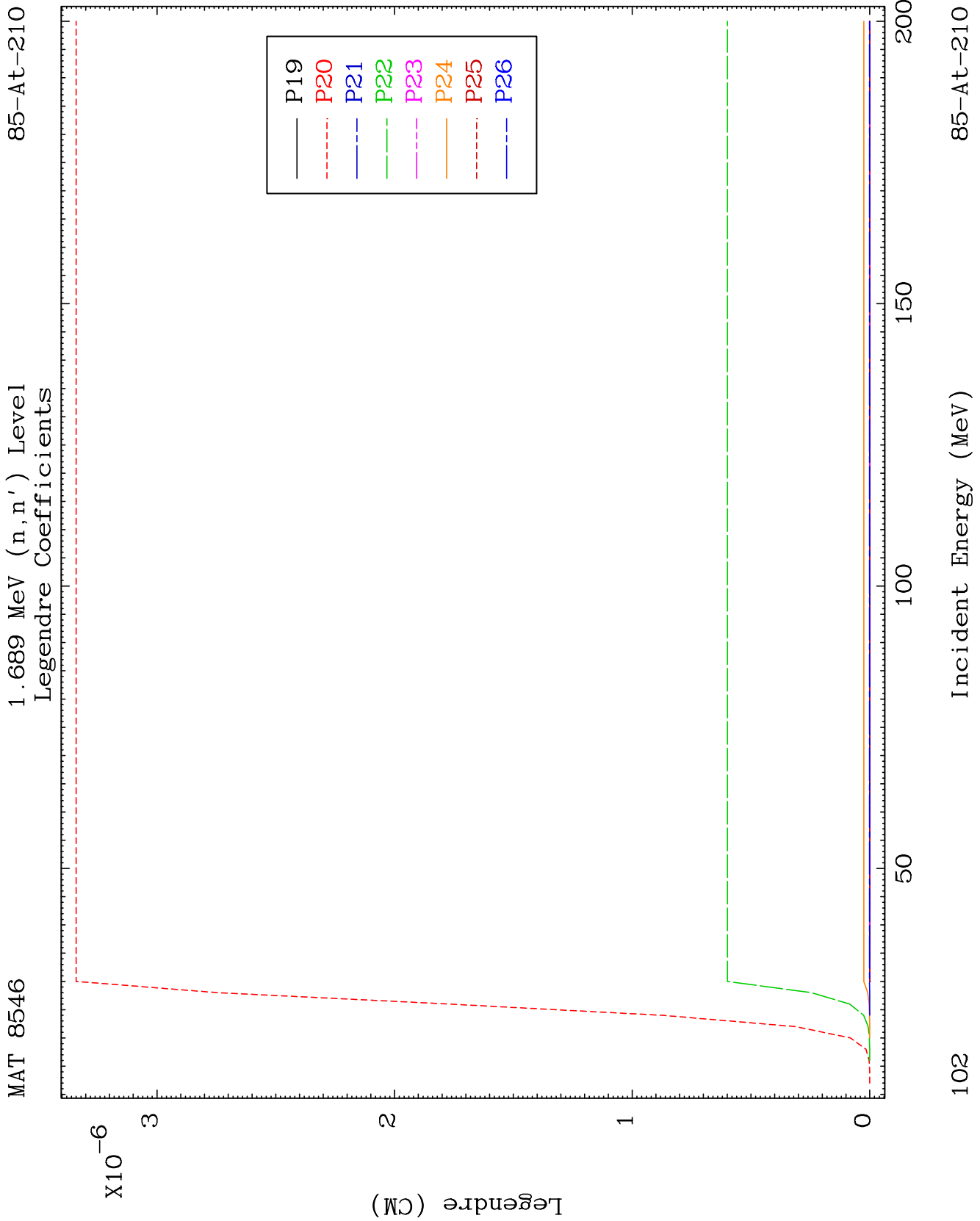


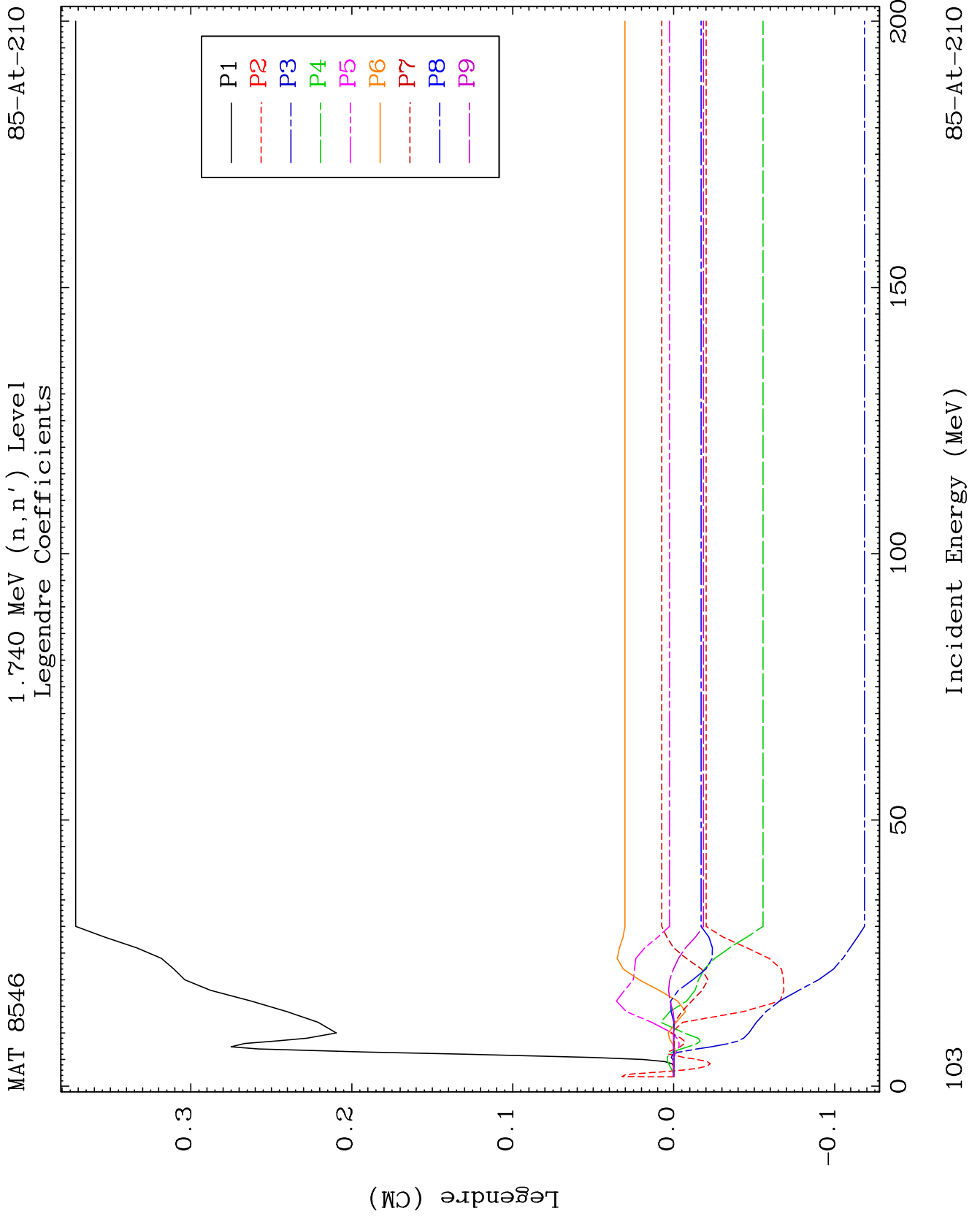












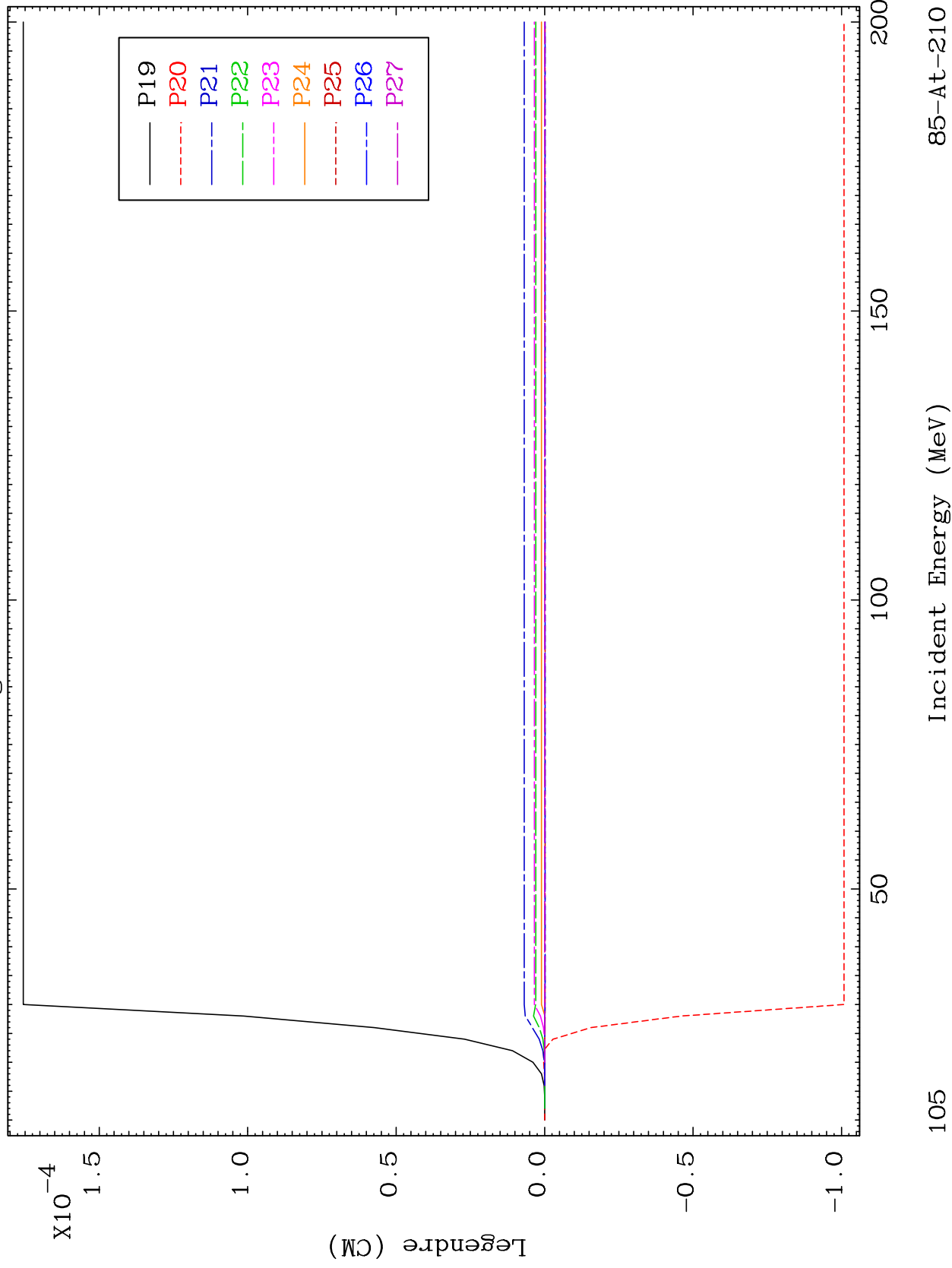




MAT 8546

1.740 MeV (n,n') Level  
Legendre Coefficients

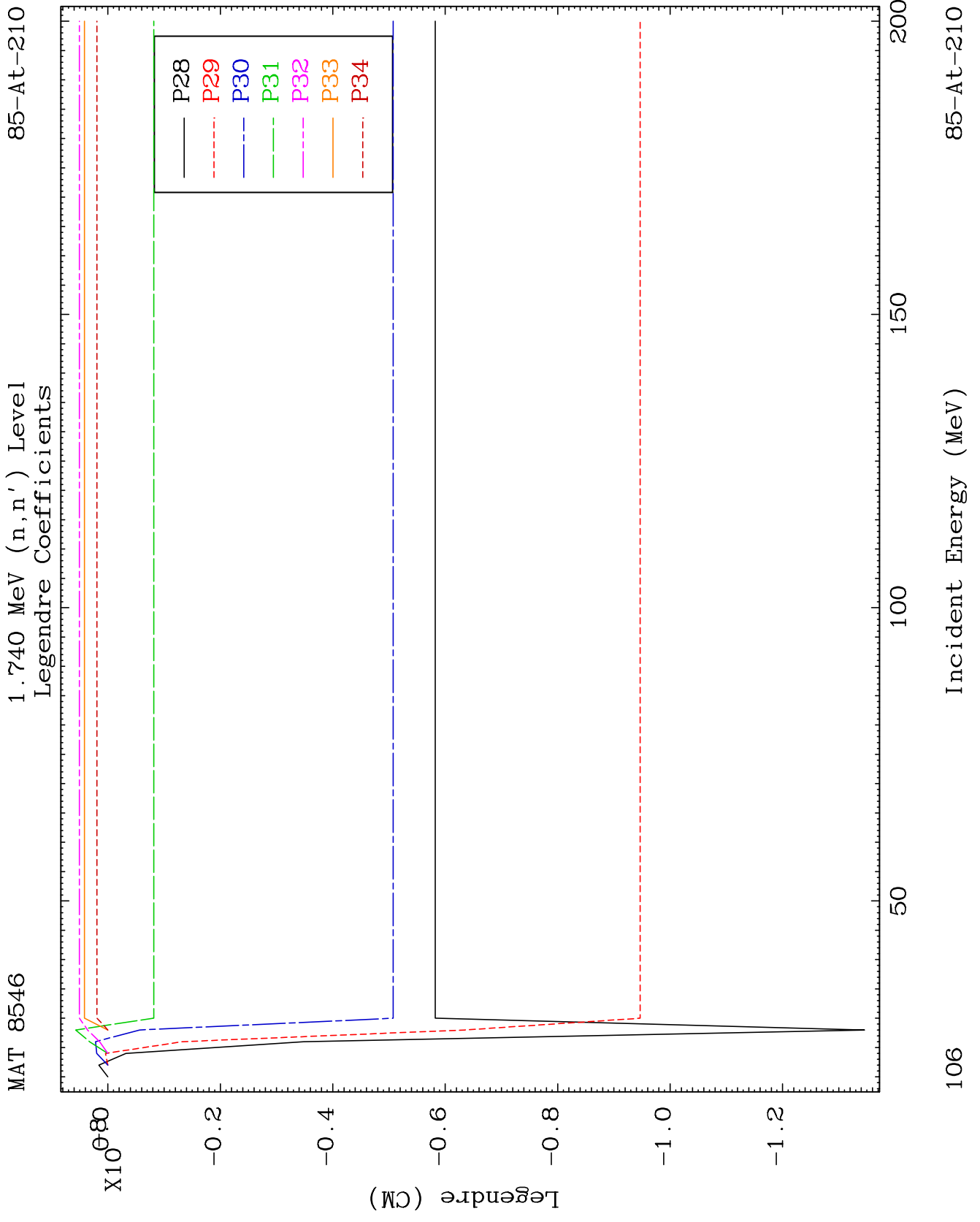
85-At-210

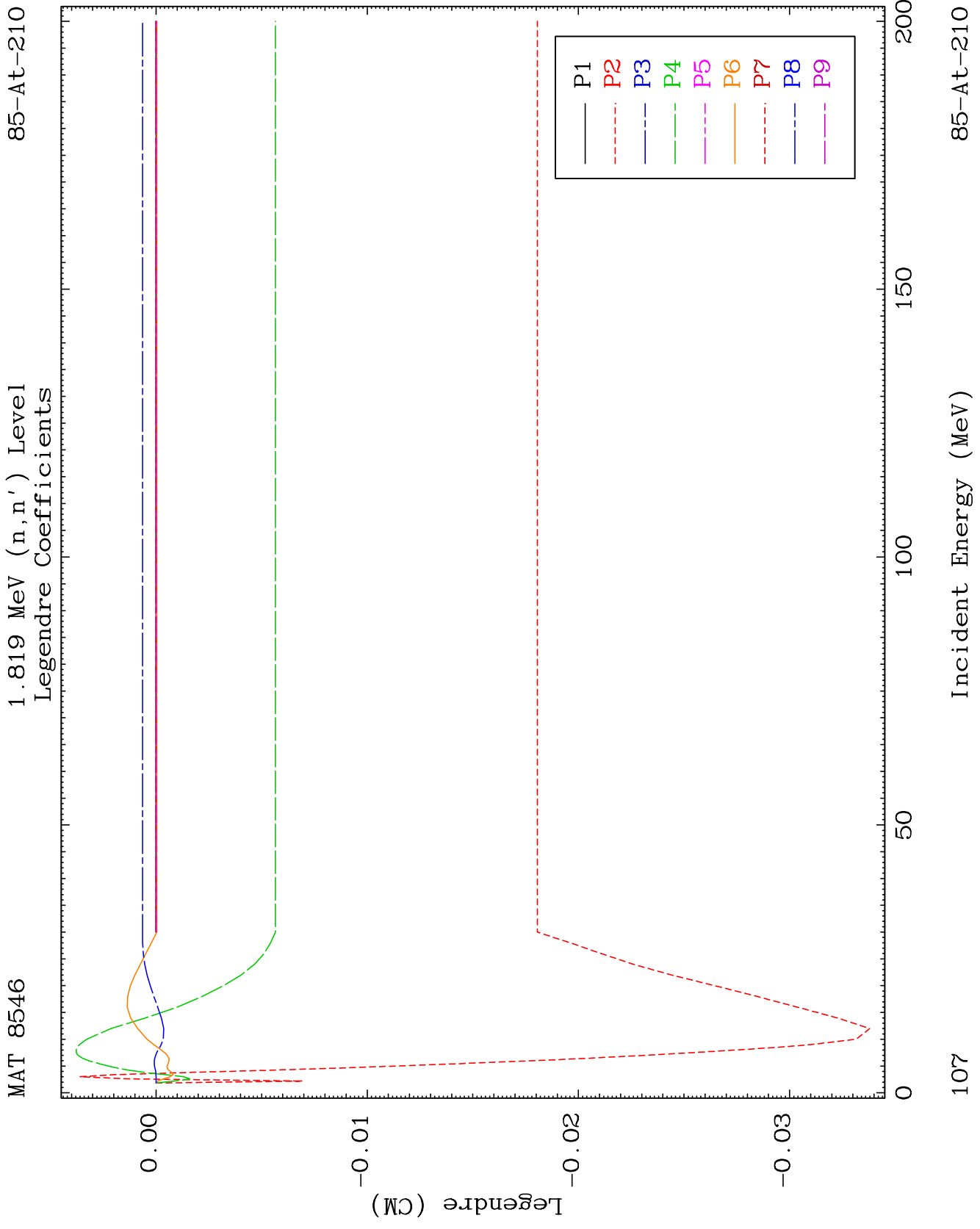


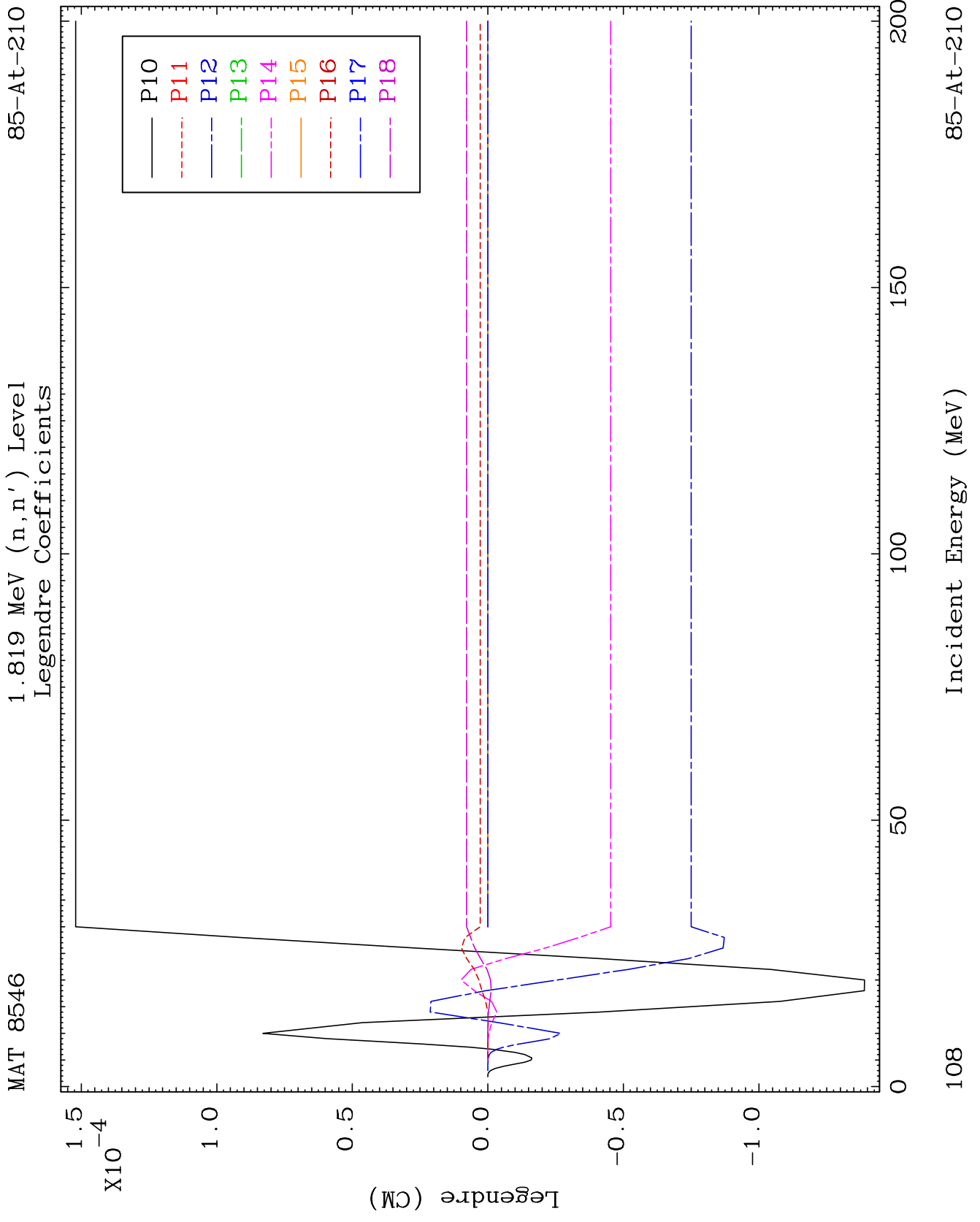
105

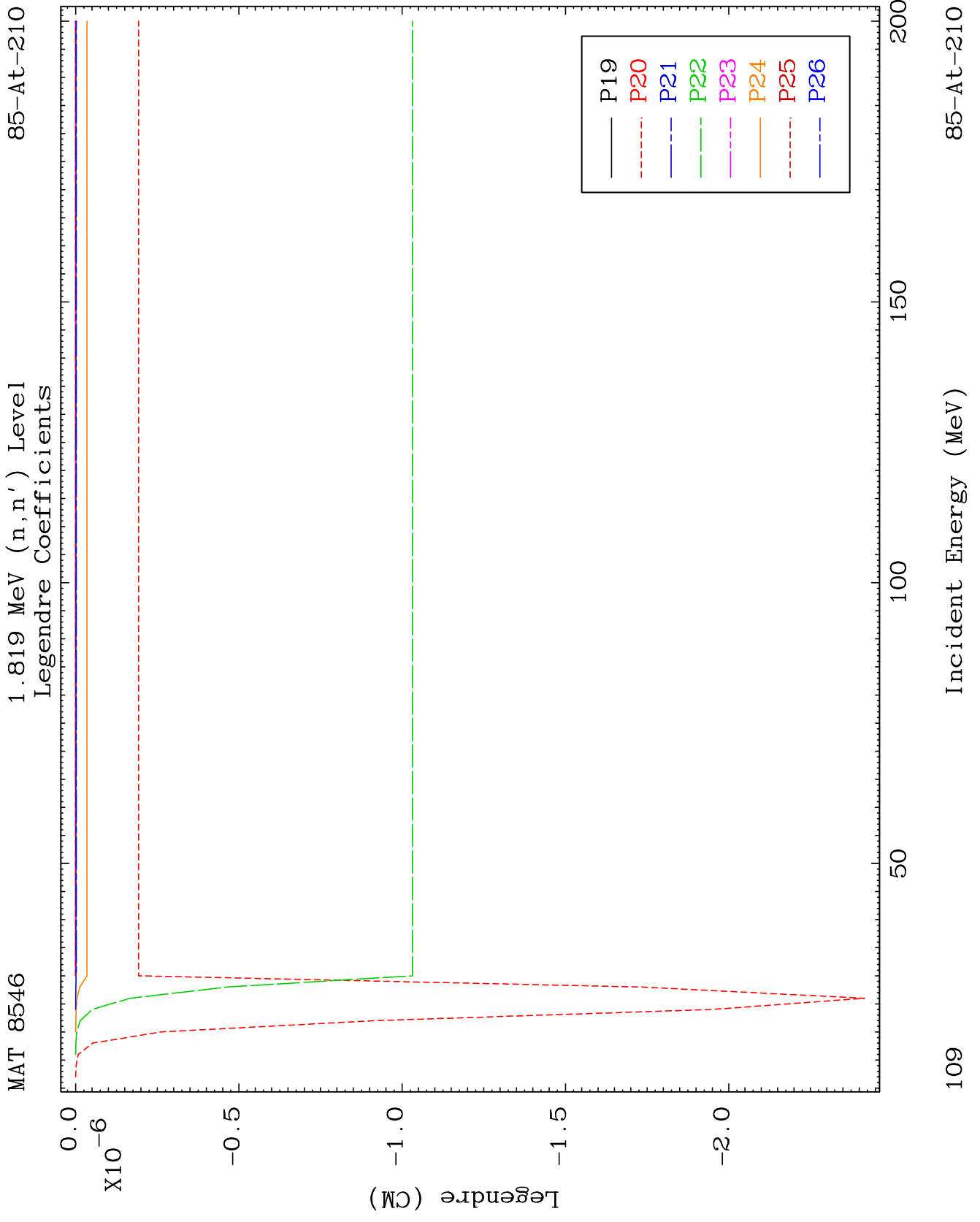
Incident Energy (MeV)

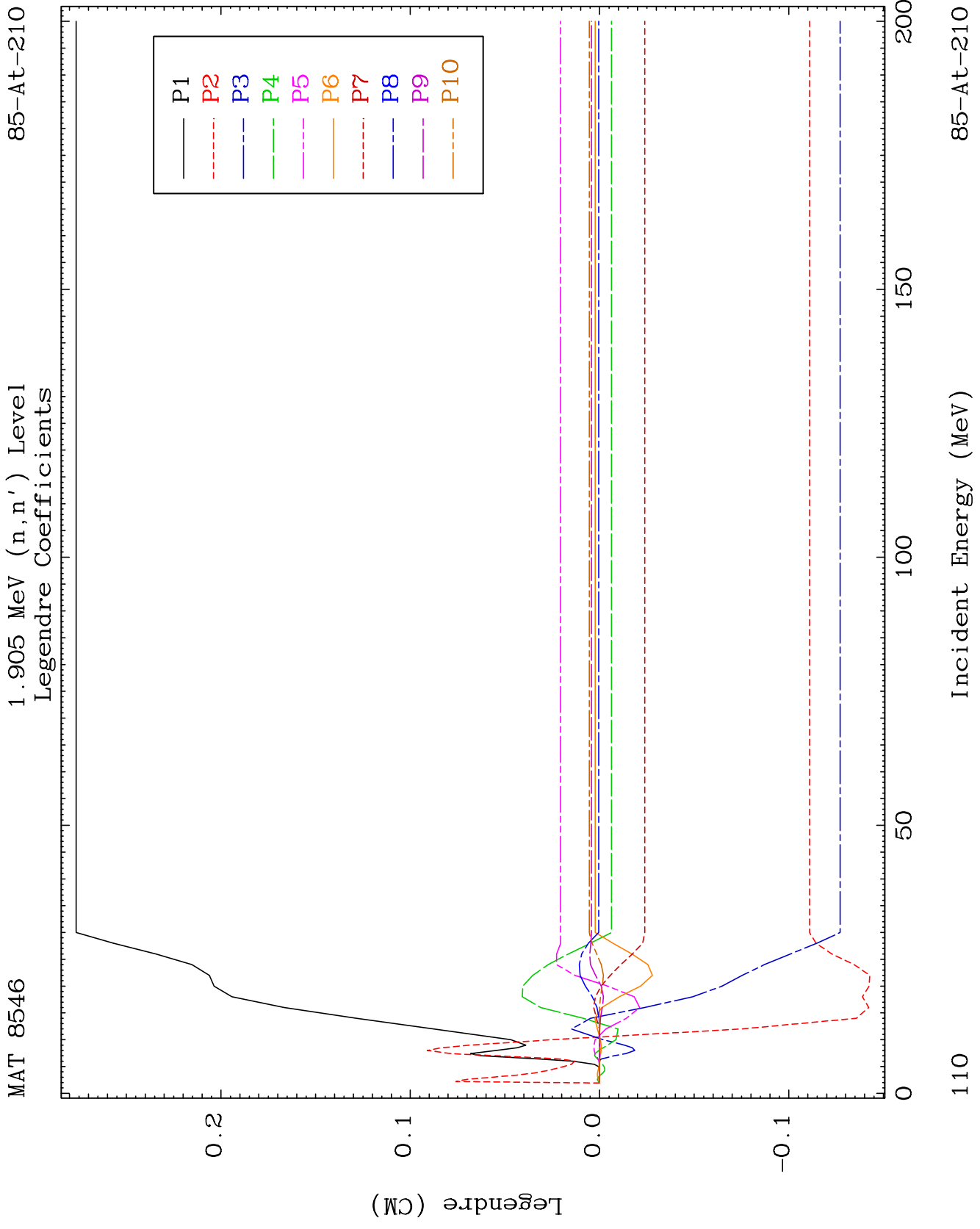
85-At-210











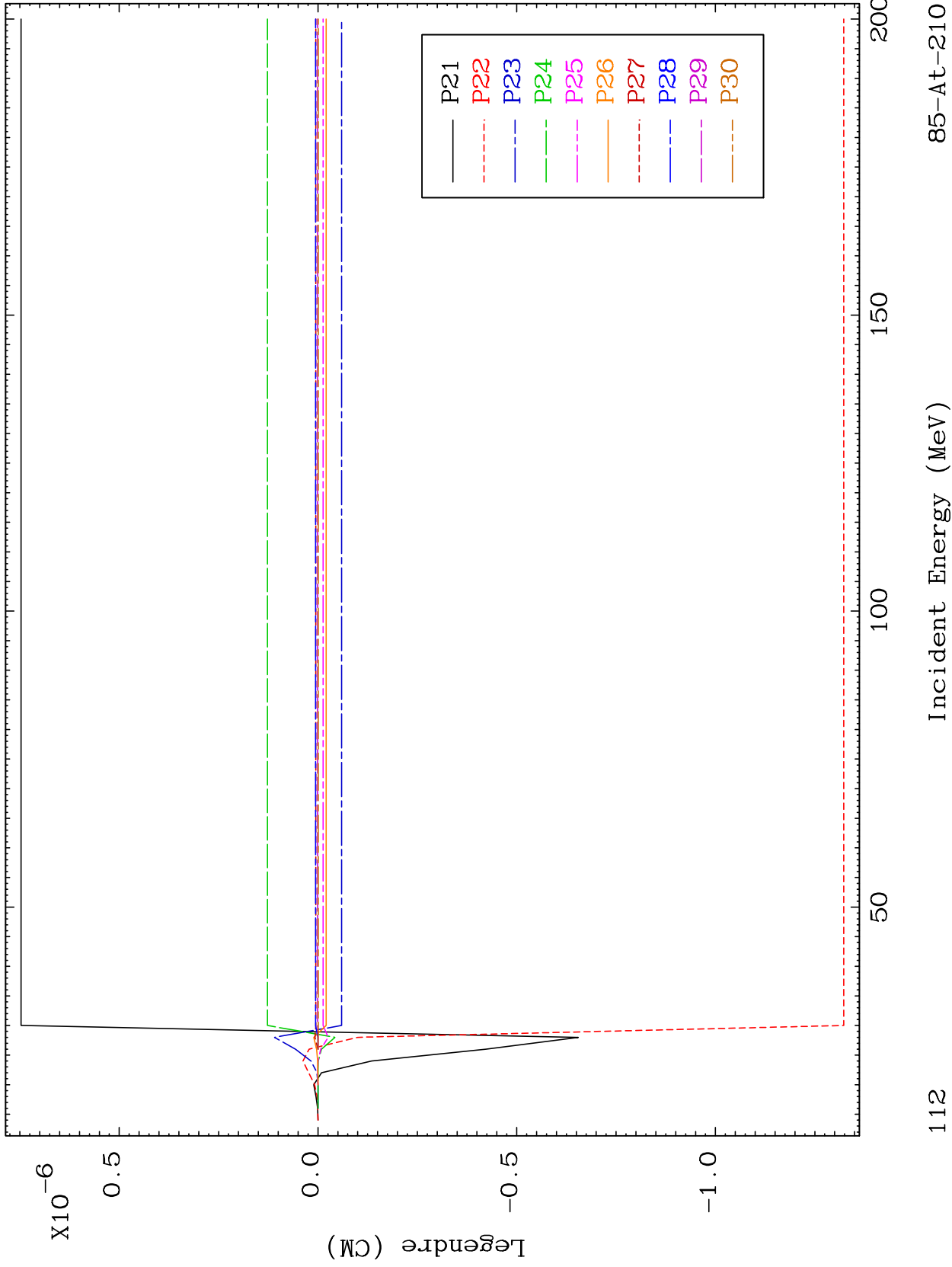




MAT 8546

1.905 MeV (n,n') Level  
Legendre Coefficients

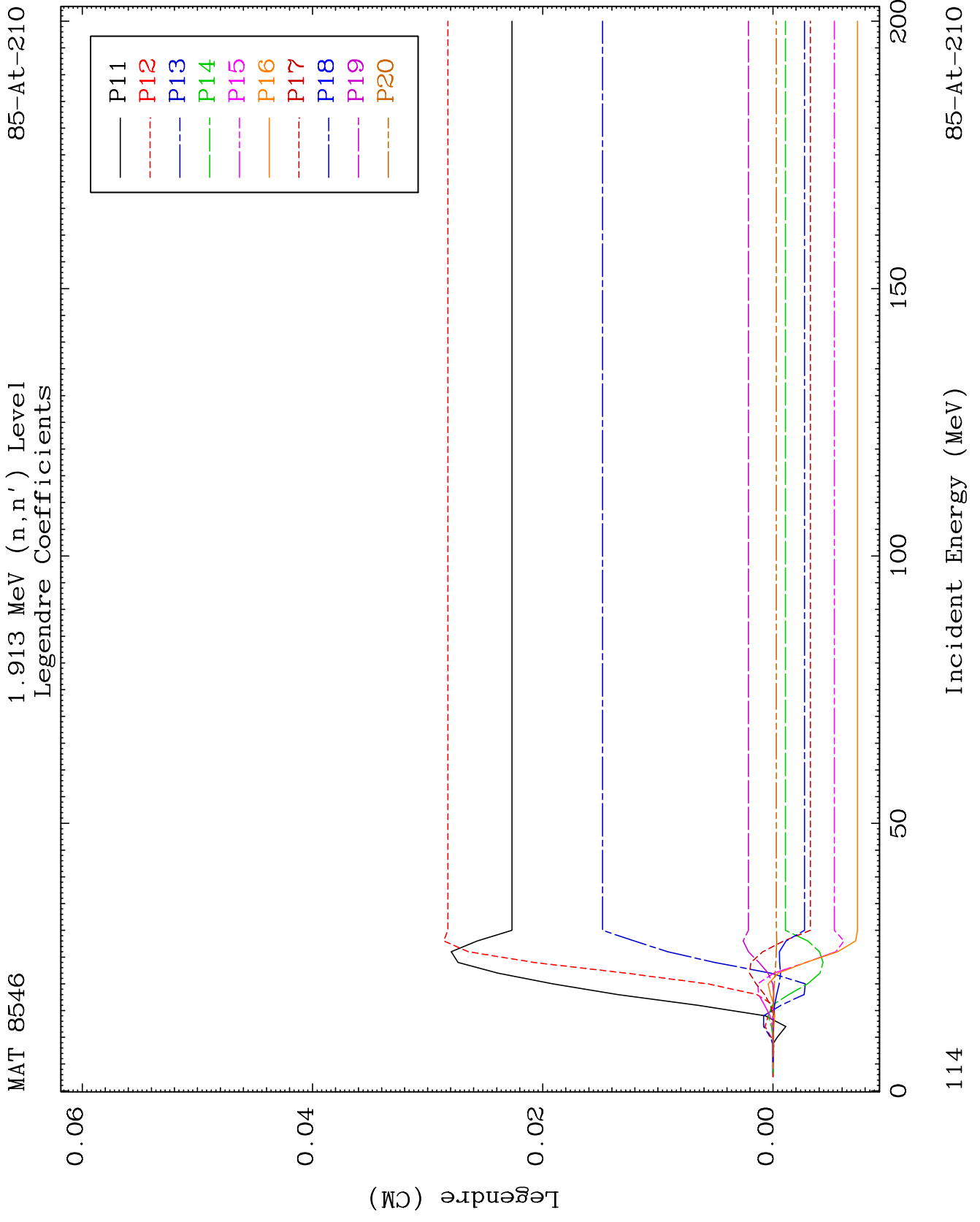
85-At-210

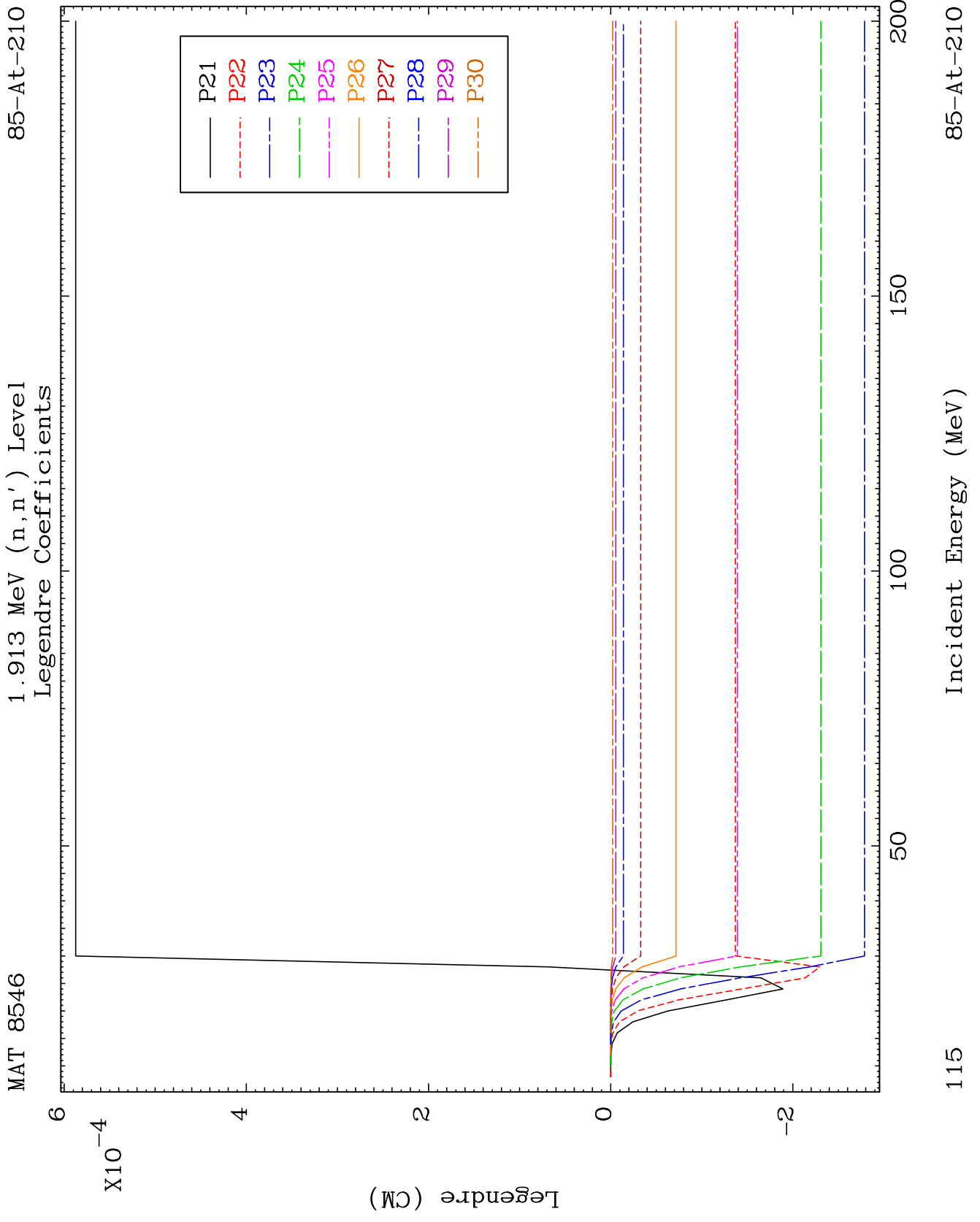


112

85-At-210

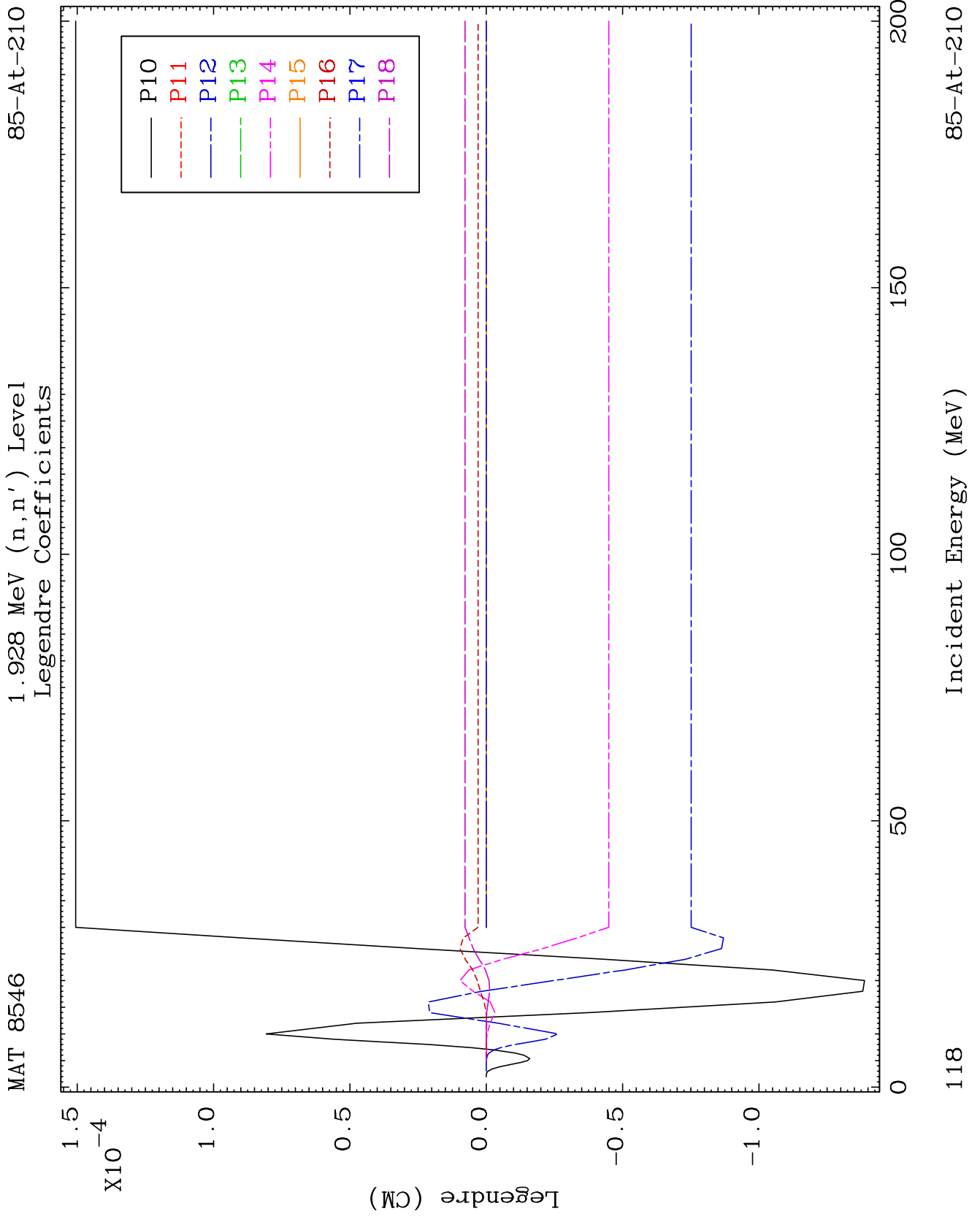


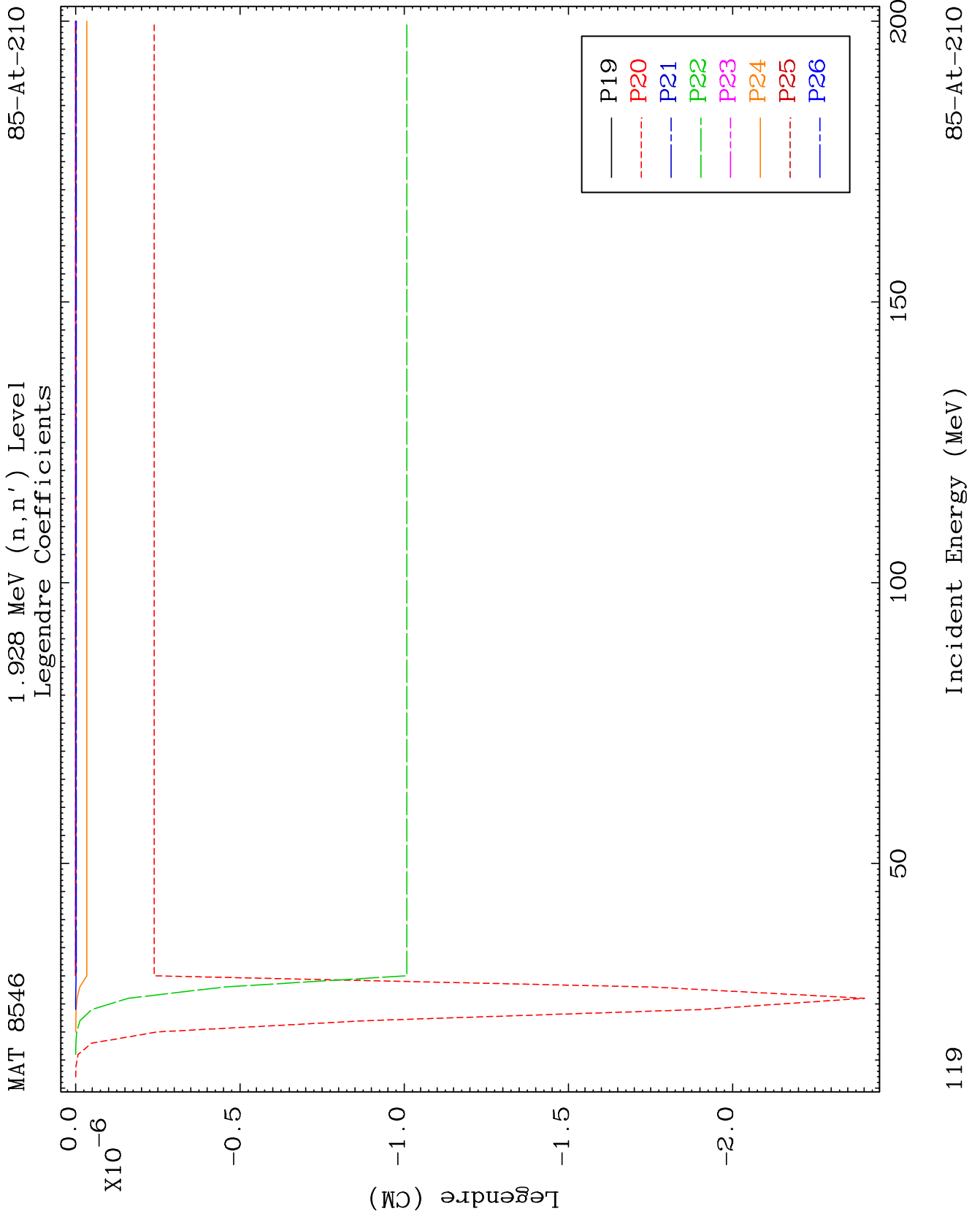












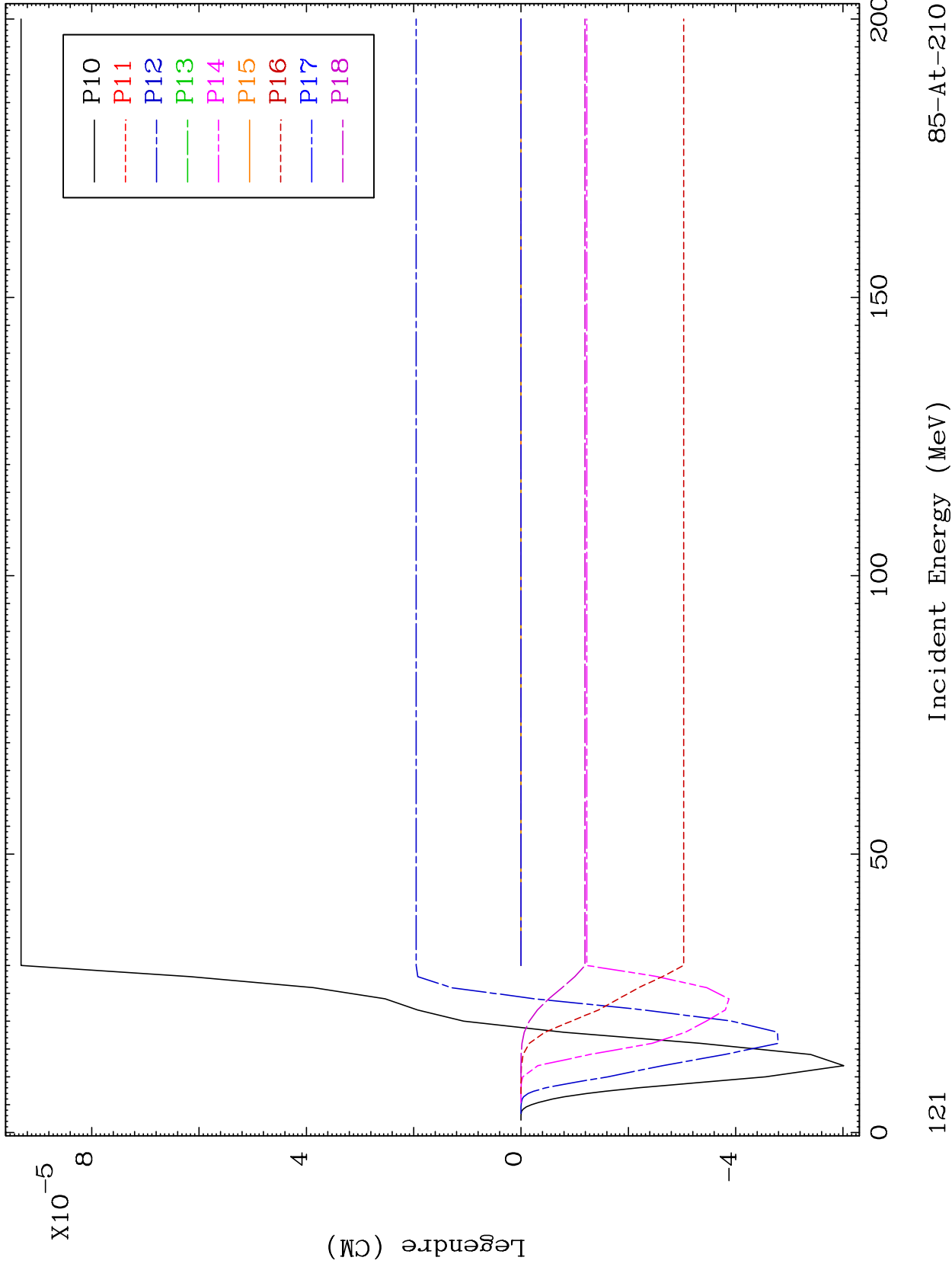




MAT 8546

1.967 MeV (n,n') Level  
Legendre Coefficients

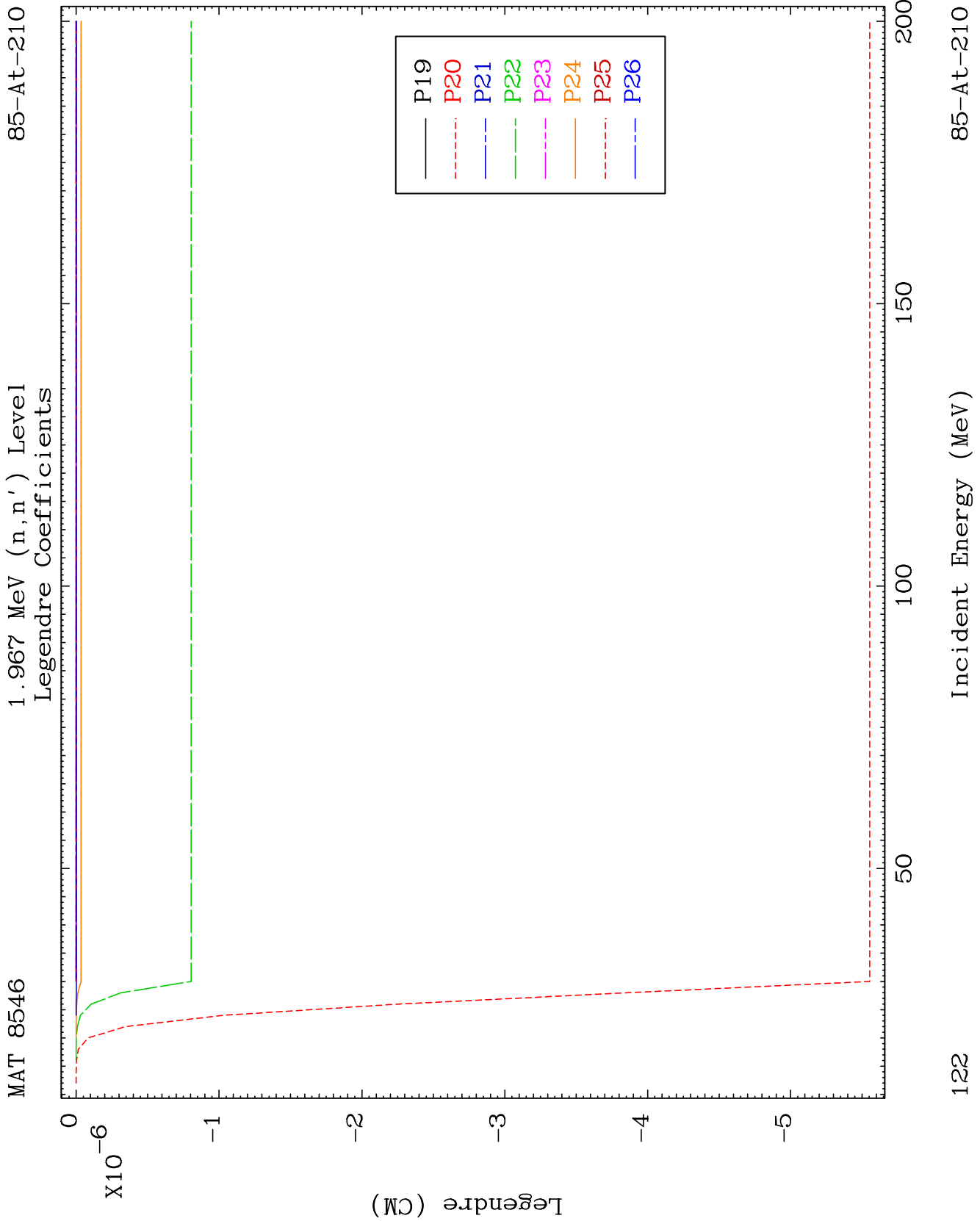
85-At-210



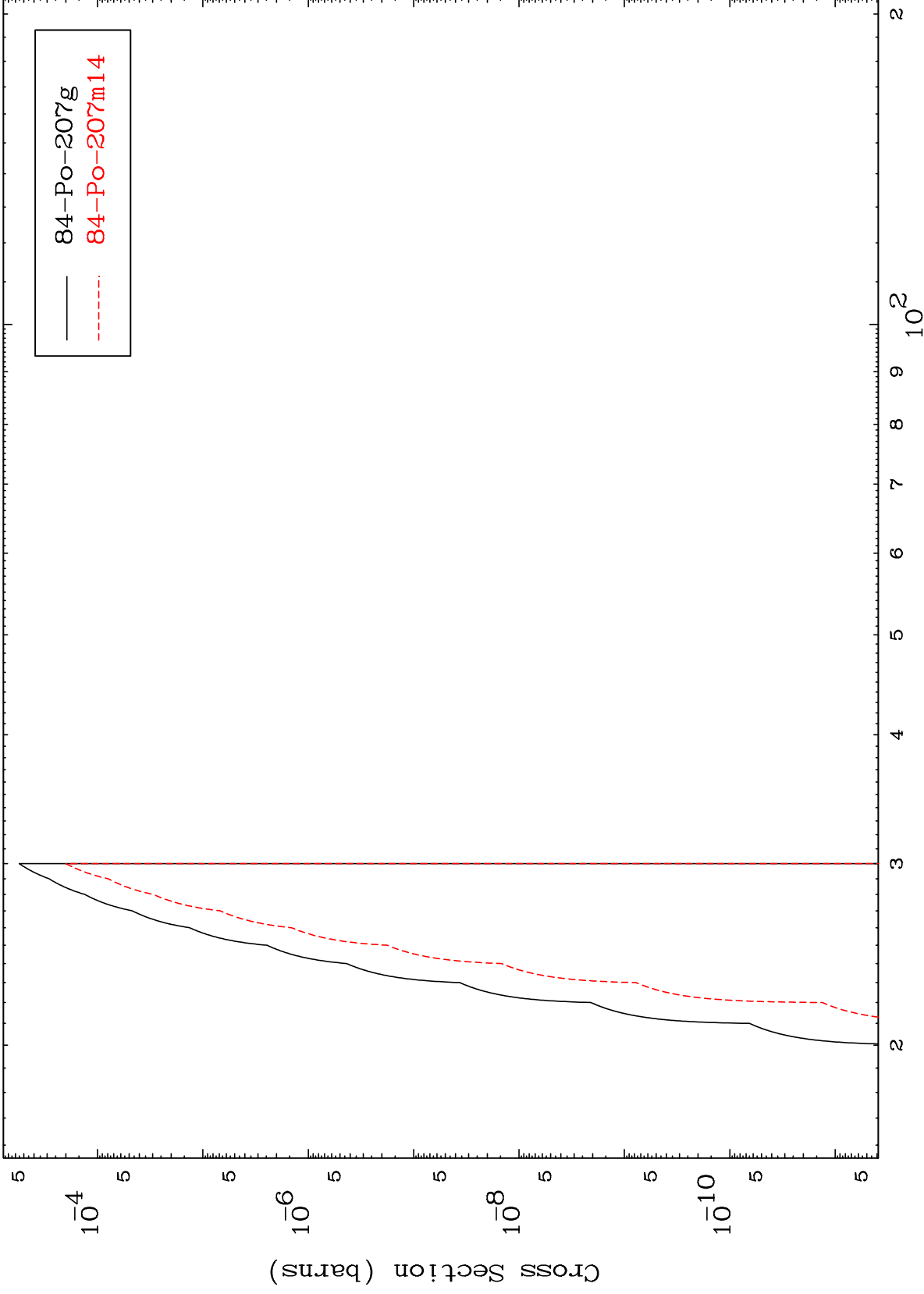
121

Incident Energy (MeV)

85-At-210



Radionuclide Production Cross Section

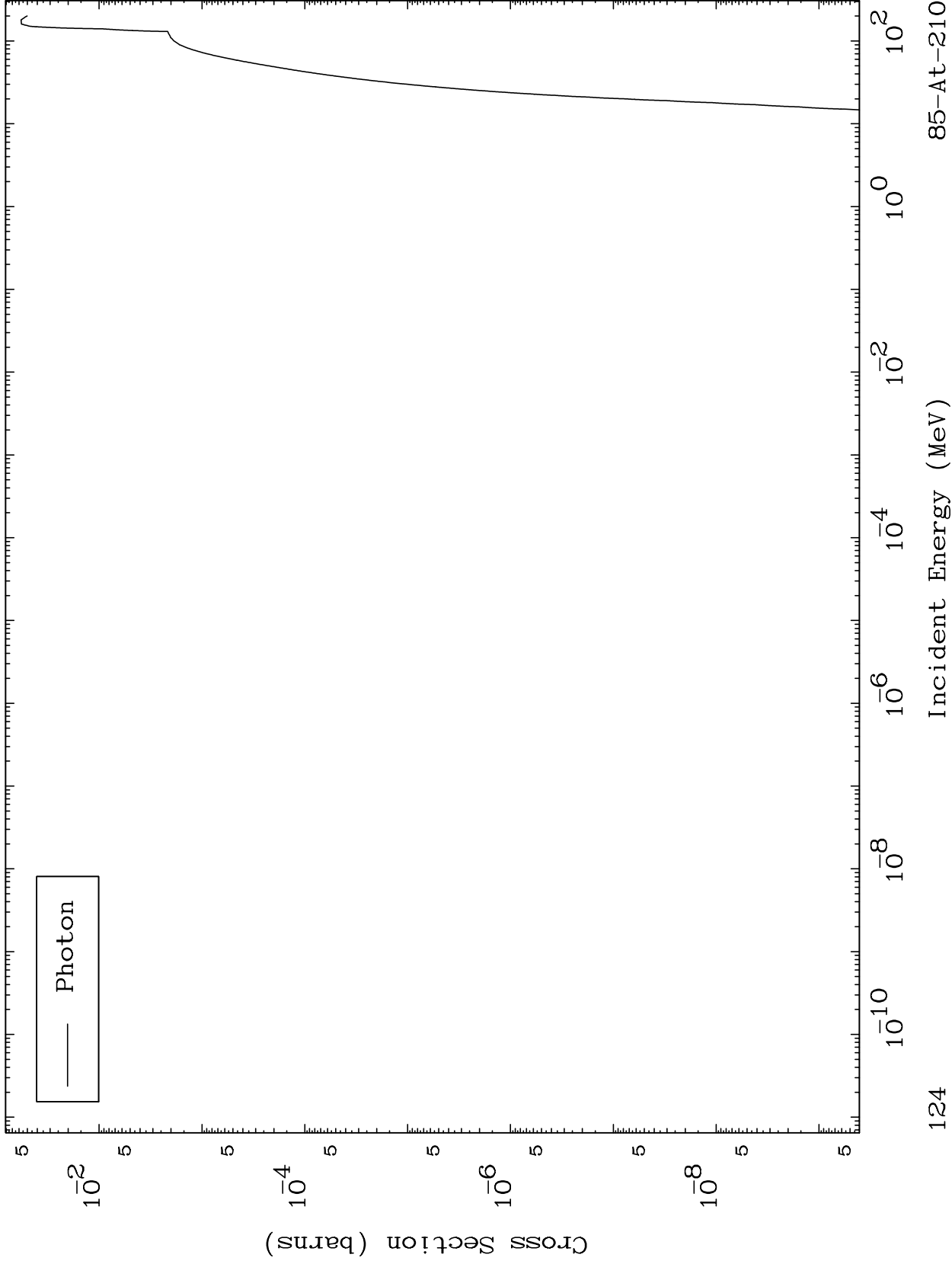


MAT 8546

Fission

85-At-210

Radionuclide Production Cross Section



124

Incident Energy (MeV)

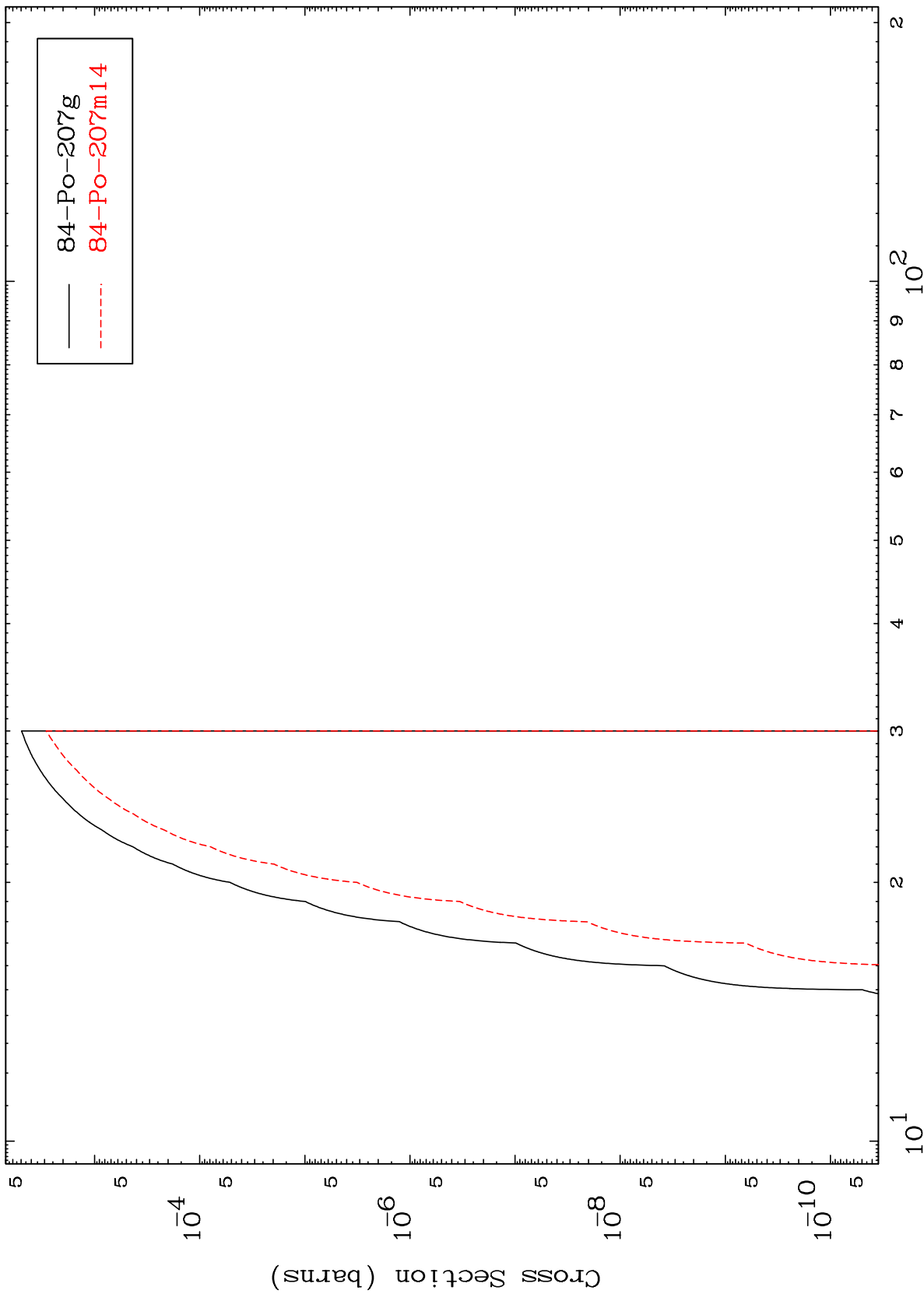
85-At-210

MAT 8546

(n,n') t

85-At-210

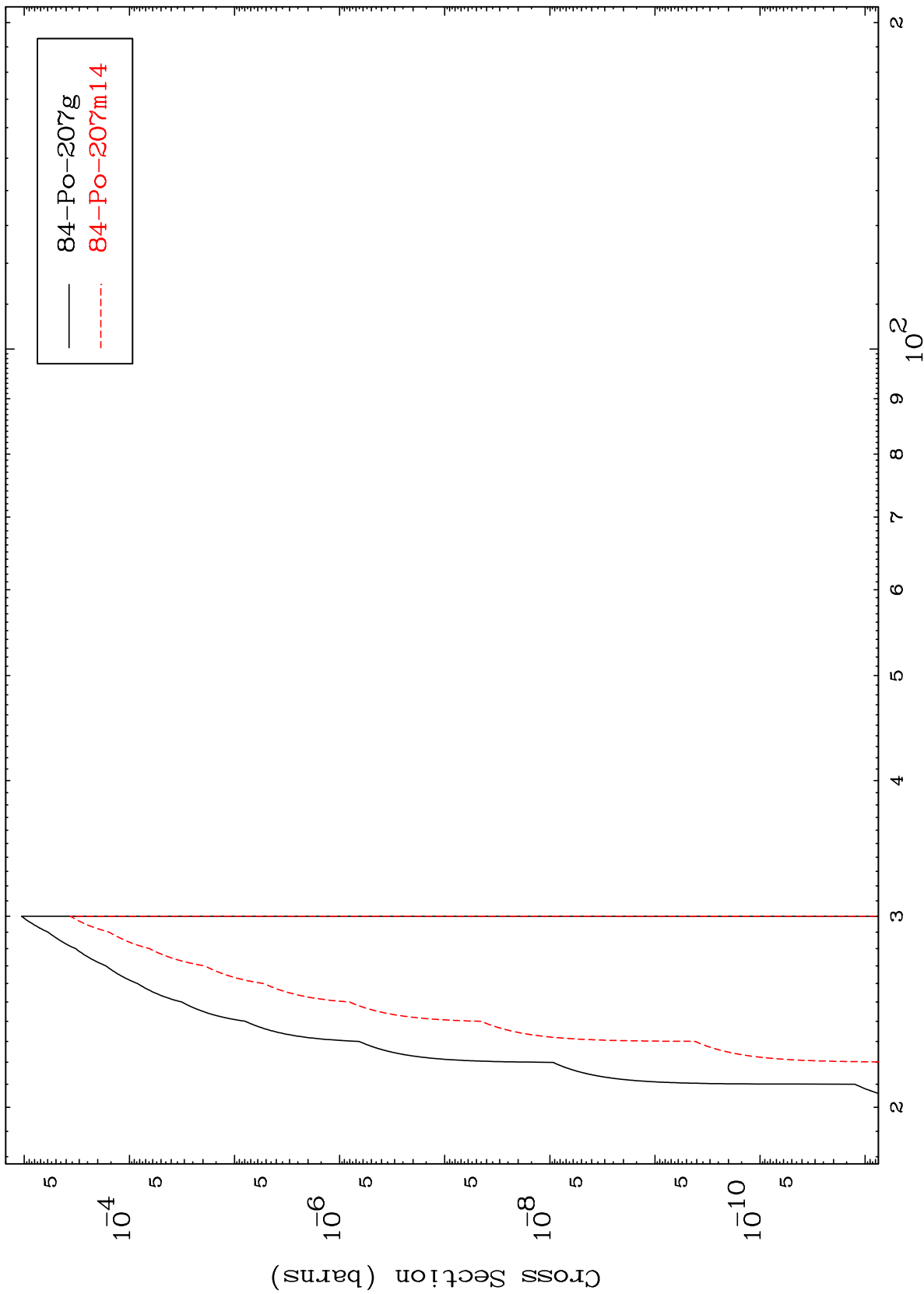
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-210

Radionuclide Production Cross Section



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