

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

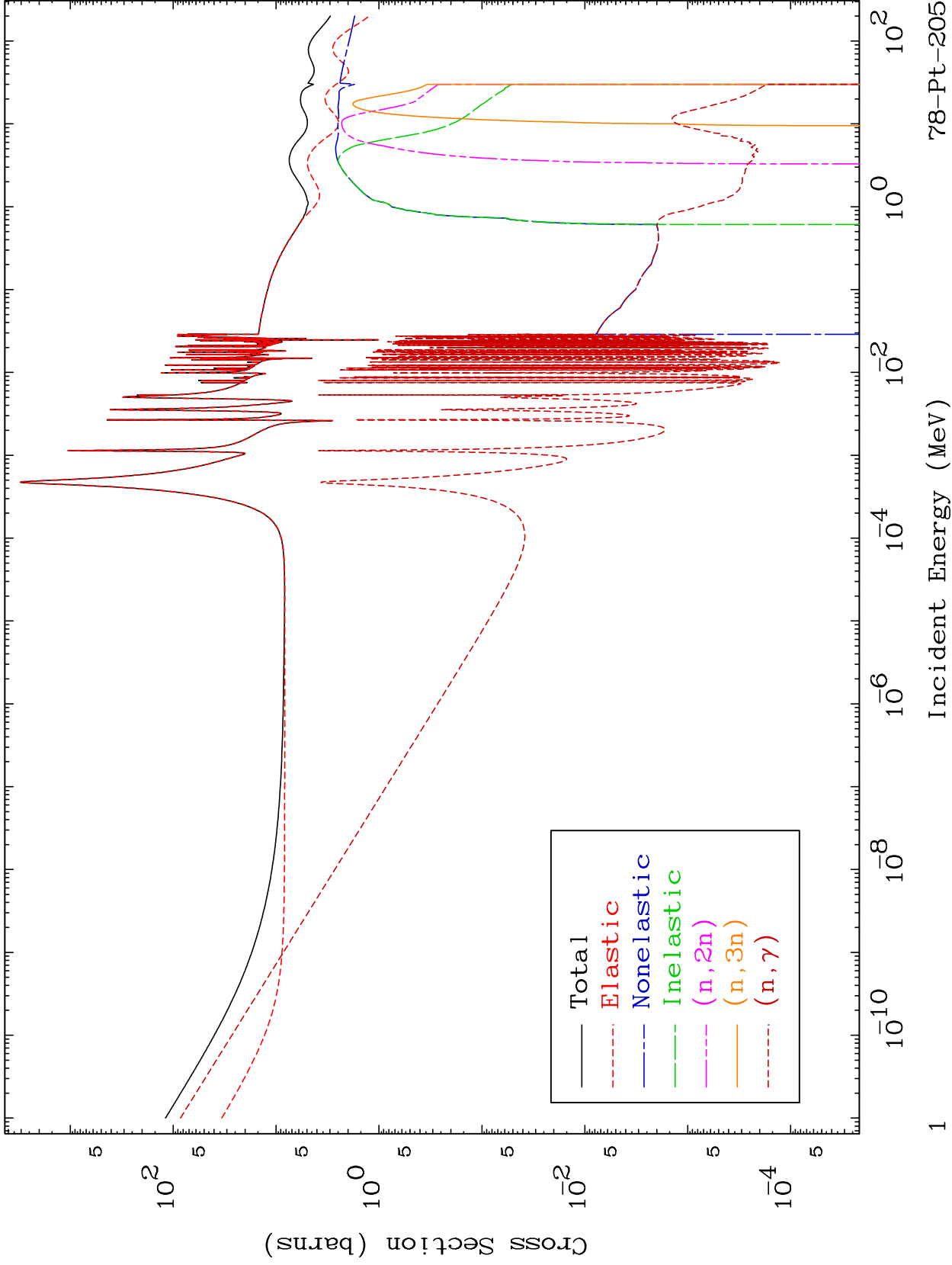
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7870

Neutron Major
293 Kelvin Cross Sections

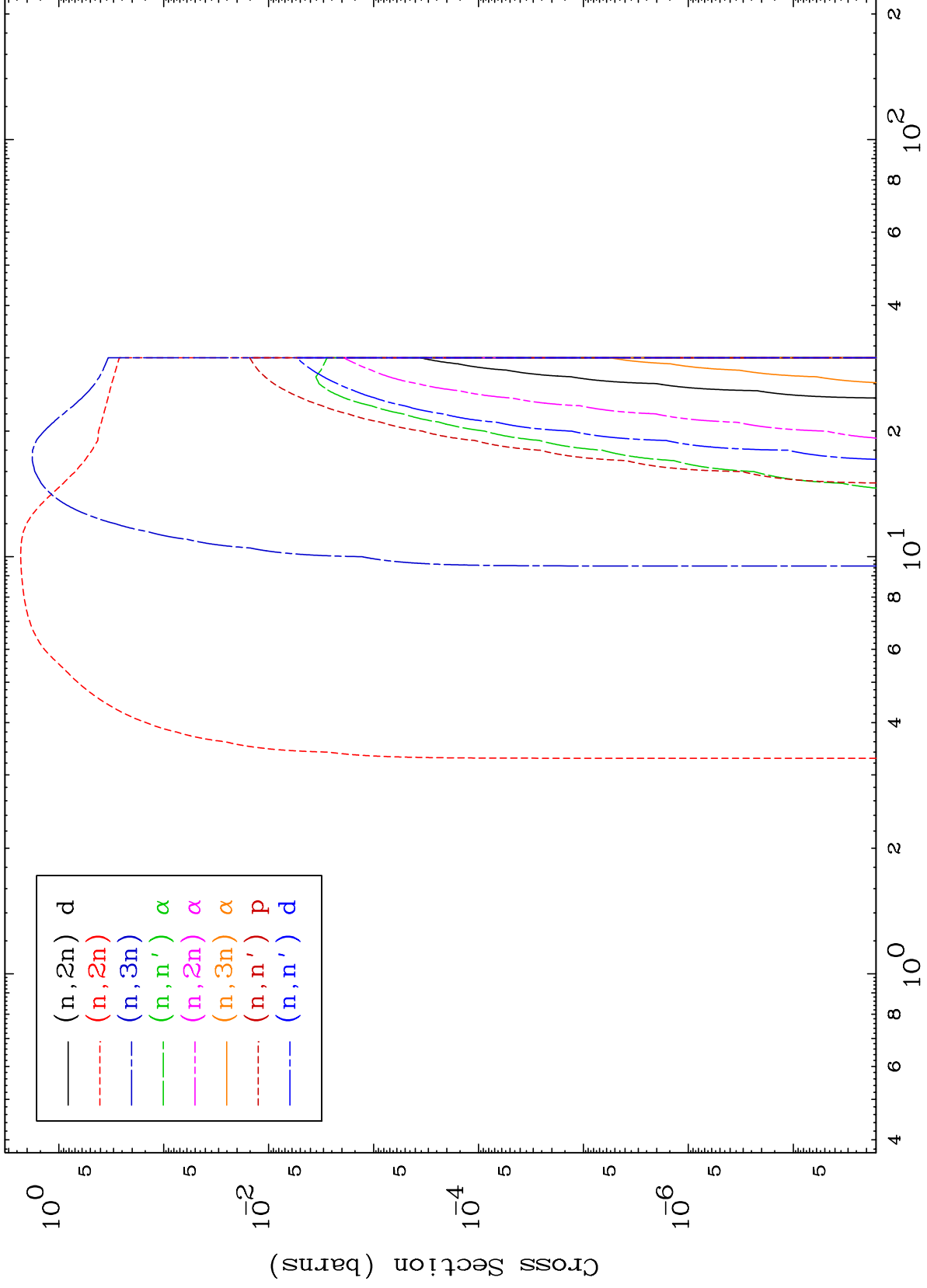
78-Pt-205



MAT 7870

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-205



2

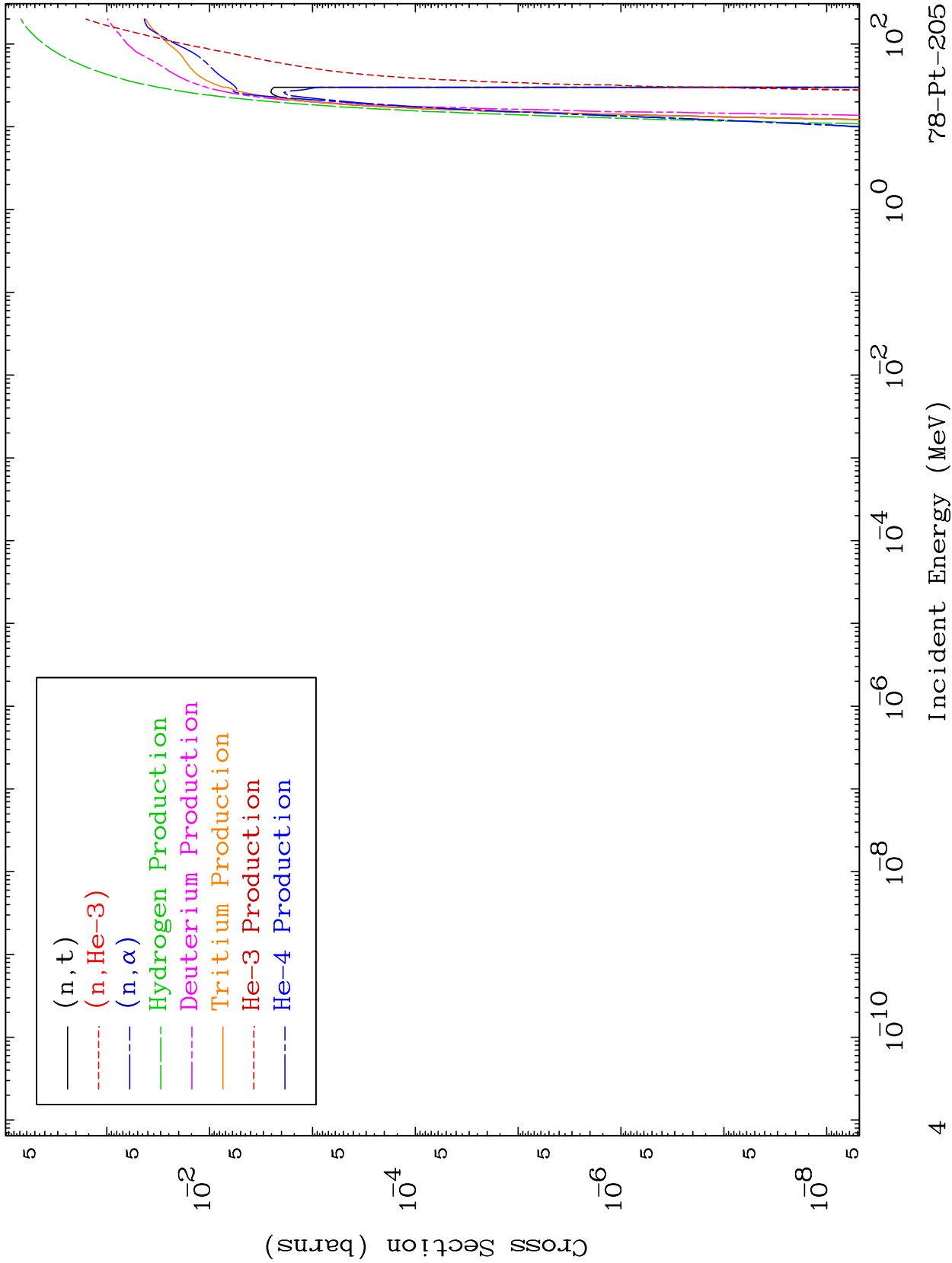
Incident Energy (MeV)

78-Pt-205

MAT 7870

Neutron Absorption
293 Kelvin Cross Sections

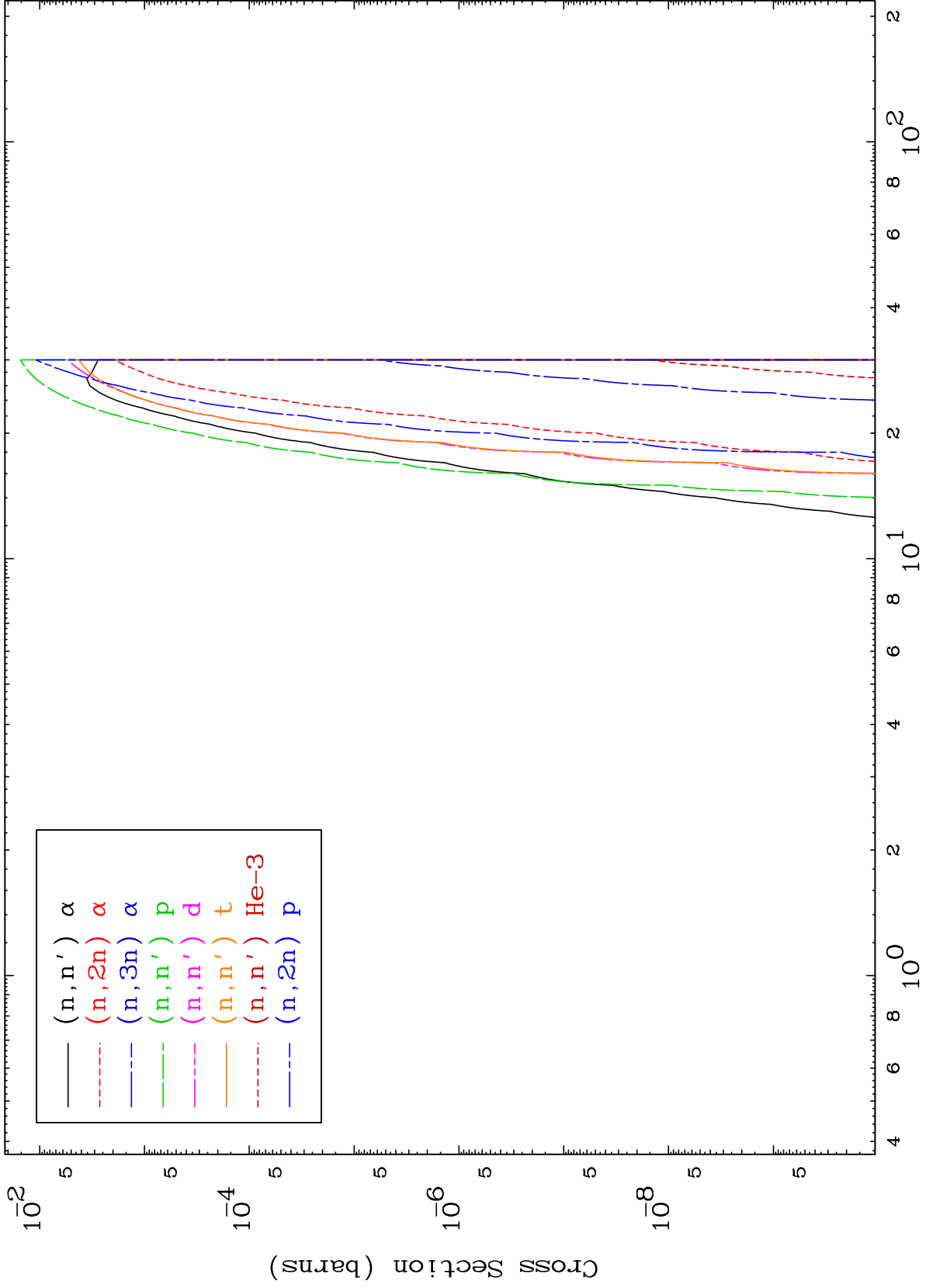
78-Pt-205



MAT 7870

Charged Particle
293 Kelvin Cross Sections

78-Pt-205



5

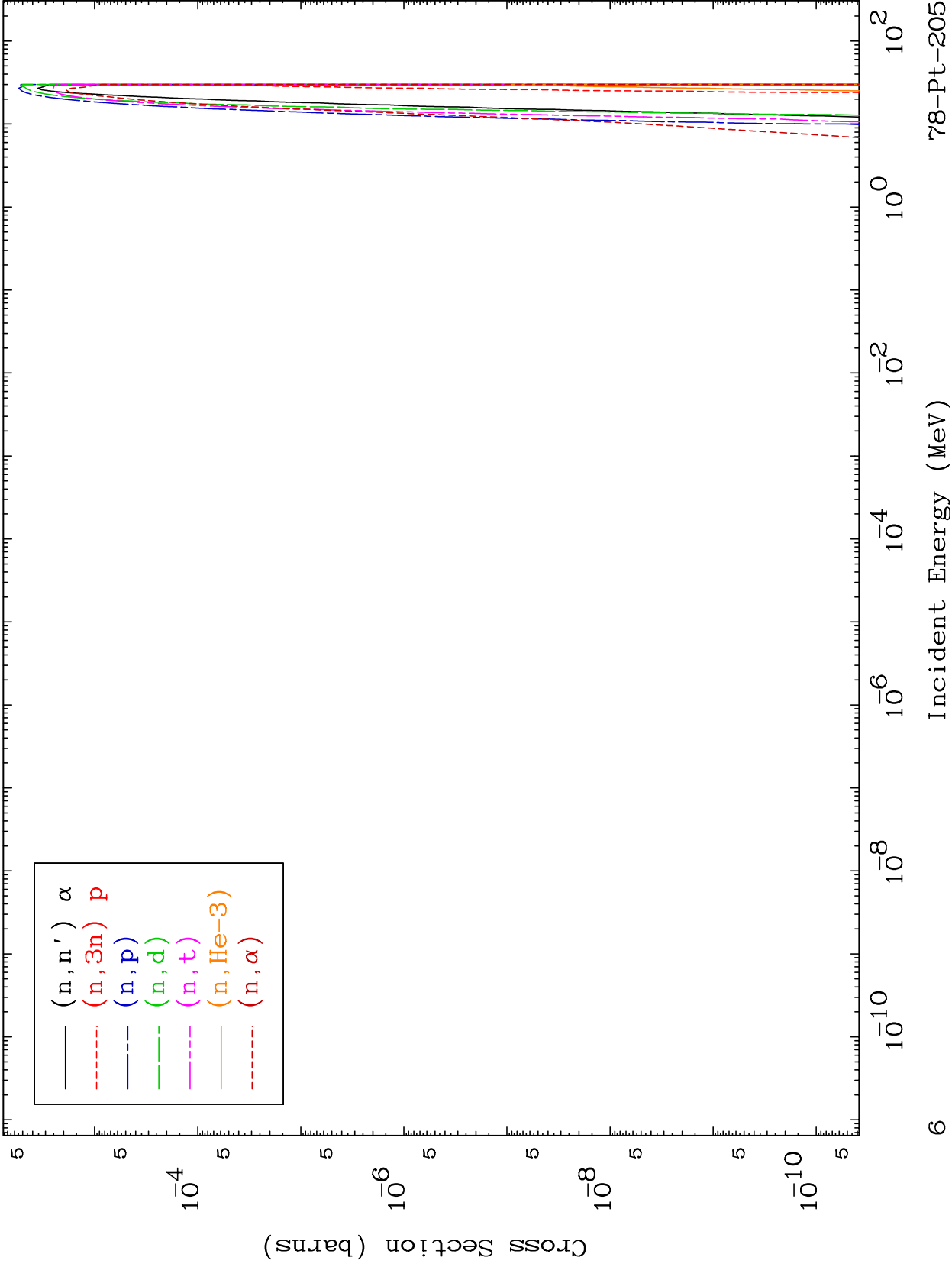
Incident Energy (MeV)

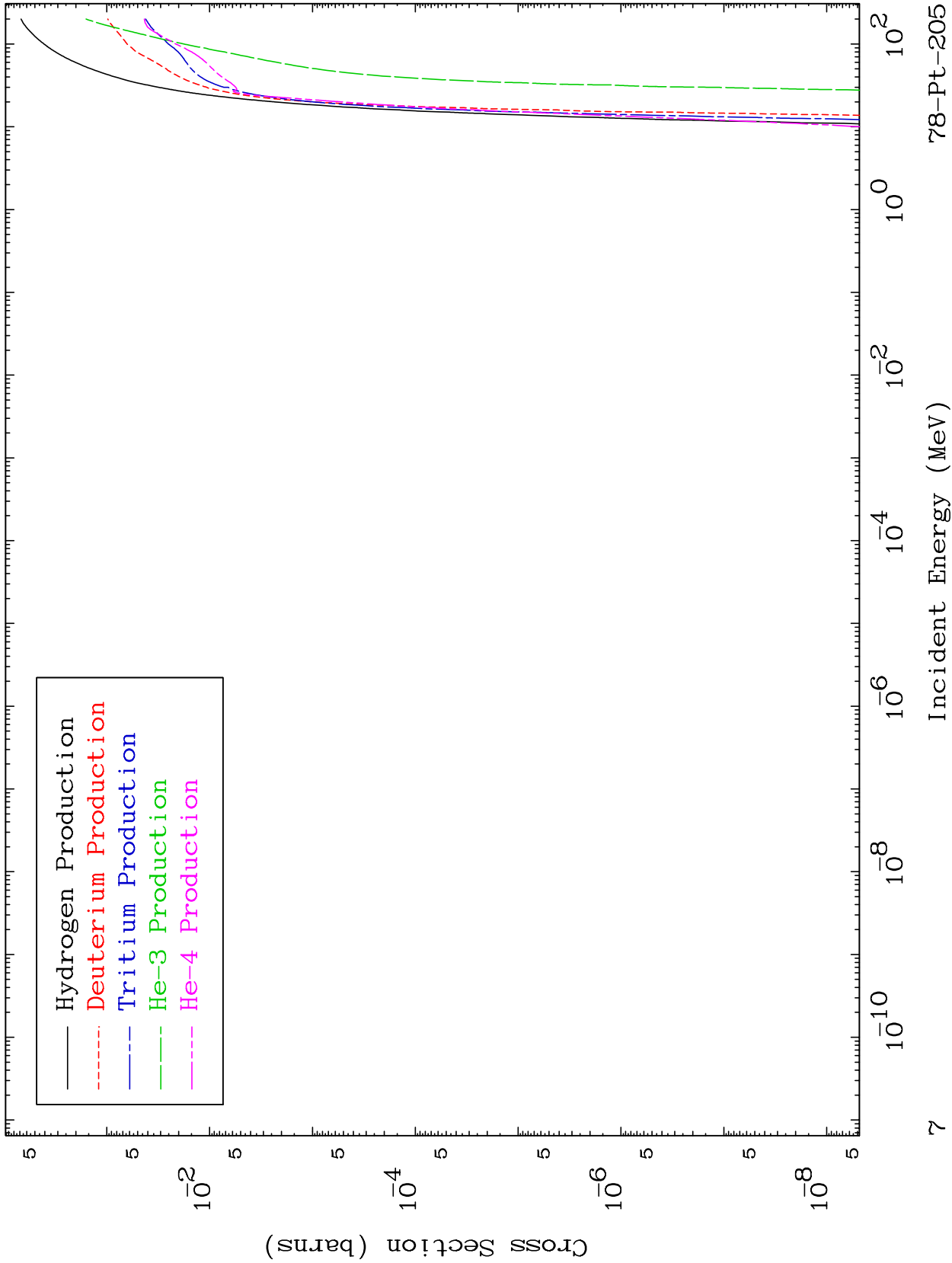
78-Pt-205

MAT 7870

Charged Particle
293 Kelvin Cross Sections

78-Pt-205



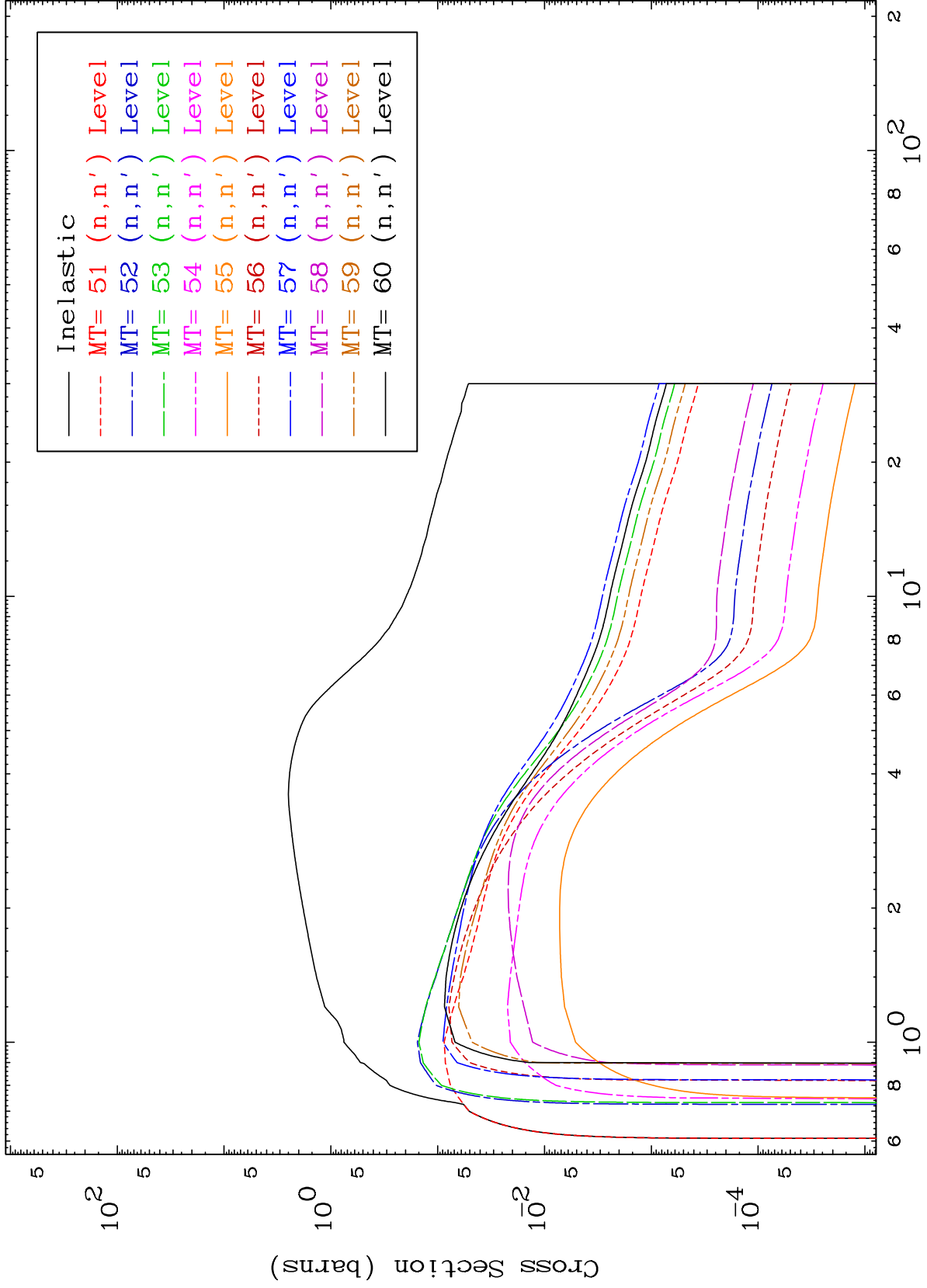


MAT 7870

(n,n') Levels

78-Pt-205

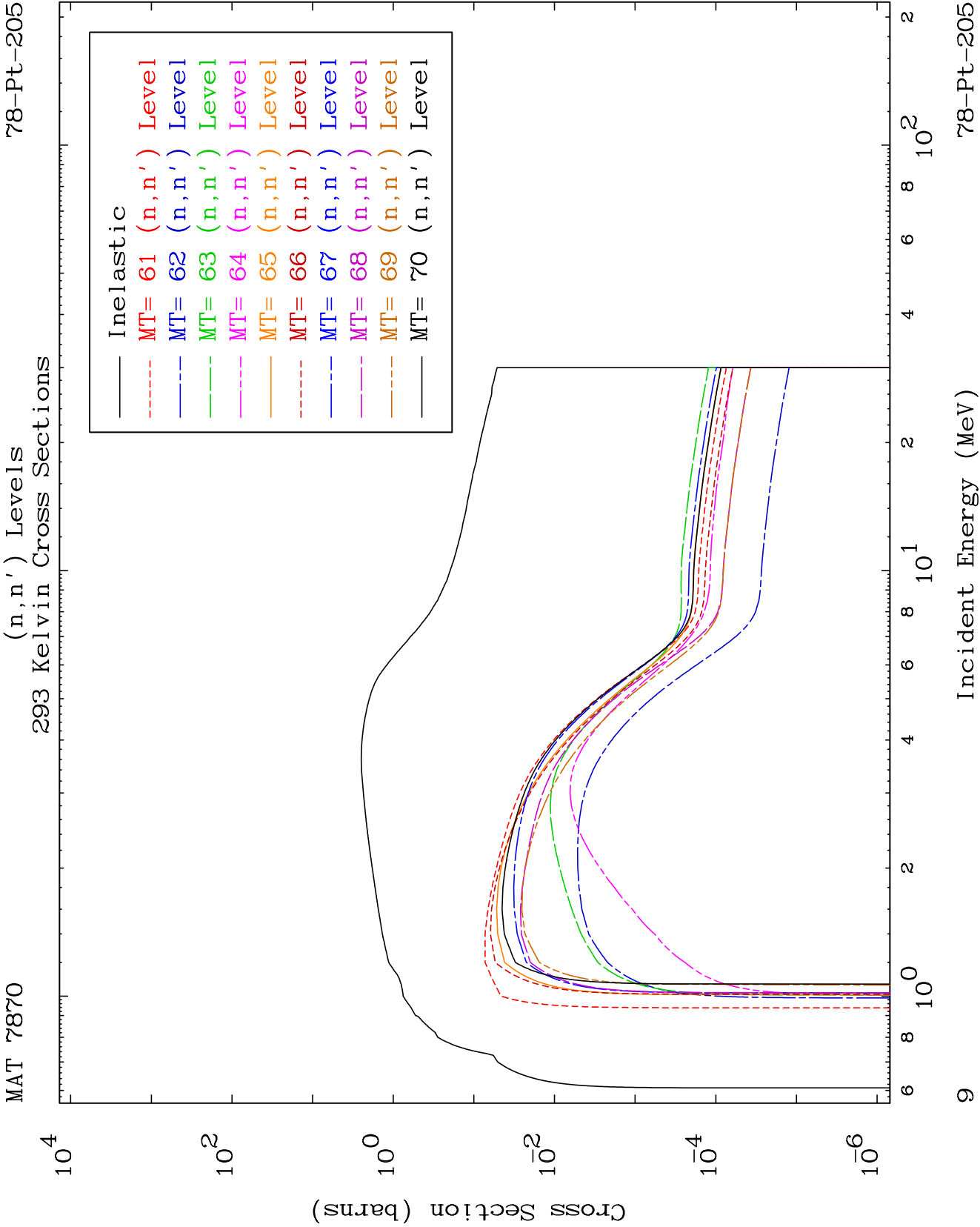
293 Kelvin Cross Sections



8

Incident Energy (MeV)

78-Pt-205

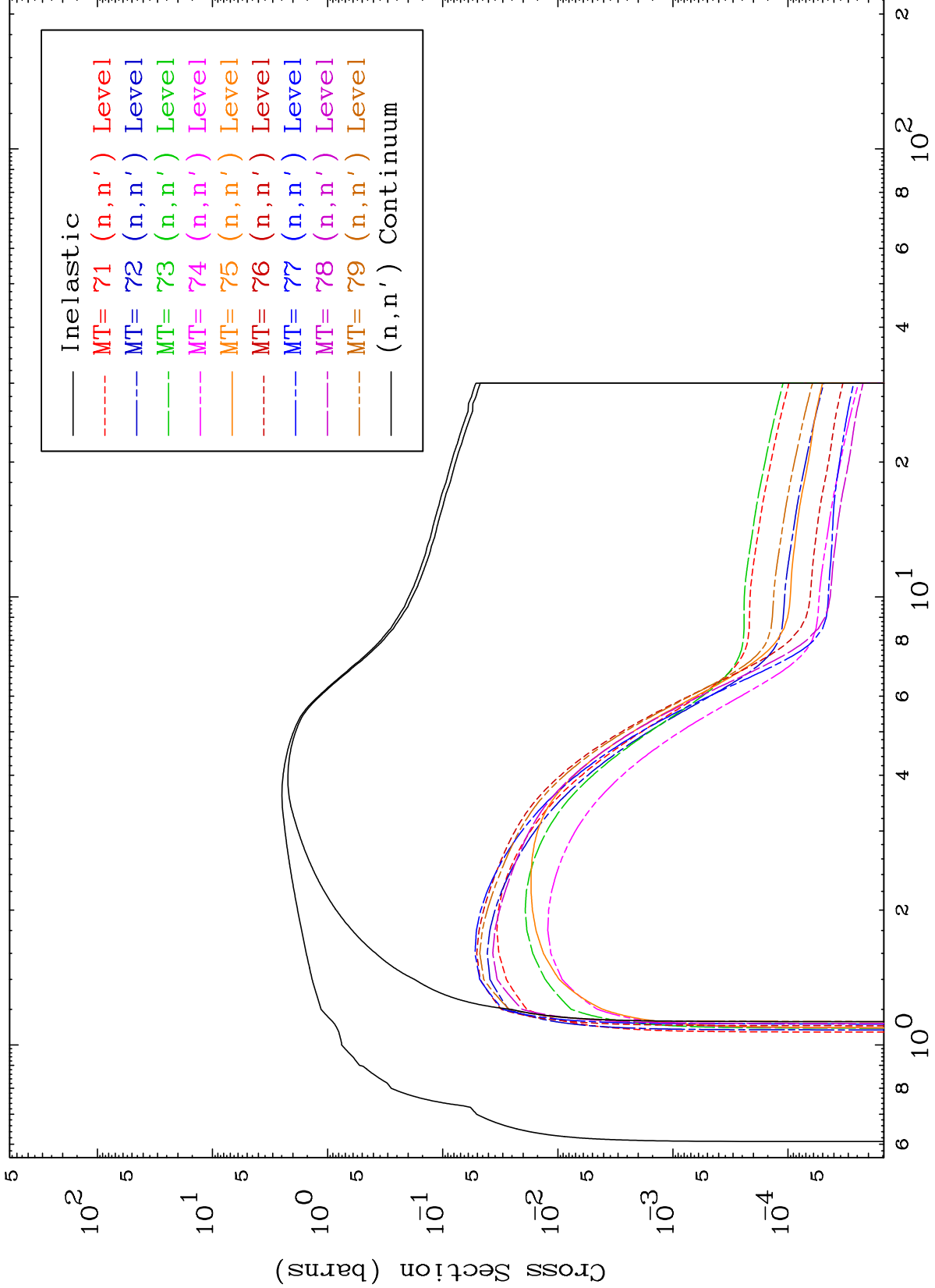


MAT 7870

(n,n') Levels

78-Pt-205

293 Kelvin Cross Sections



10

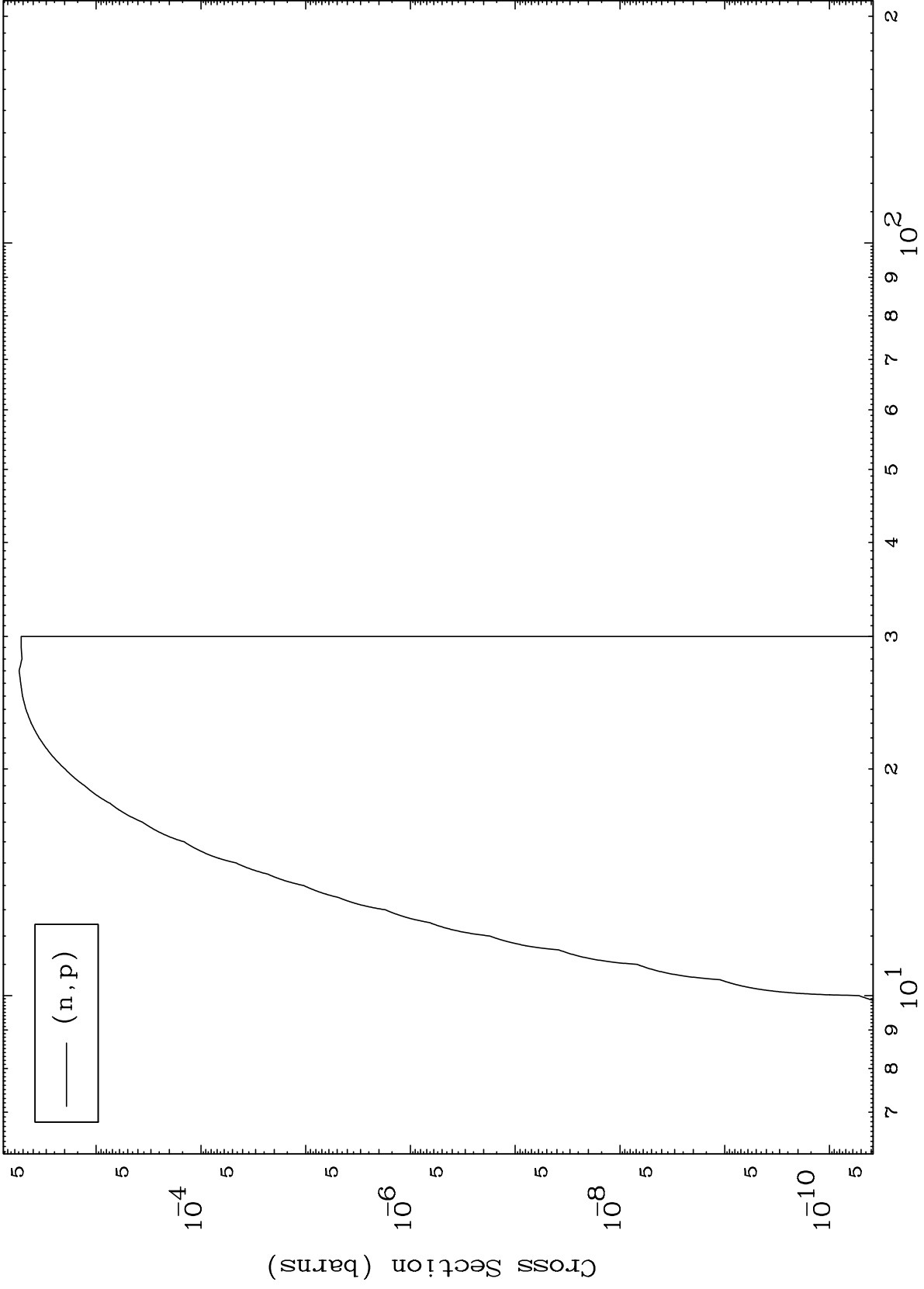
Incident Energy (MeV)

78-Pt-205

MAT 7870

(n,p) Levels
293 Kelvin Cross Sections

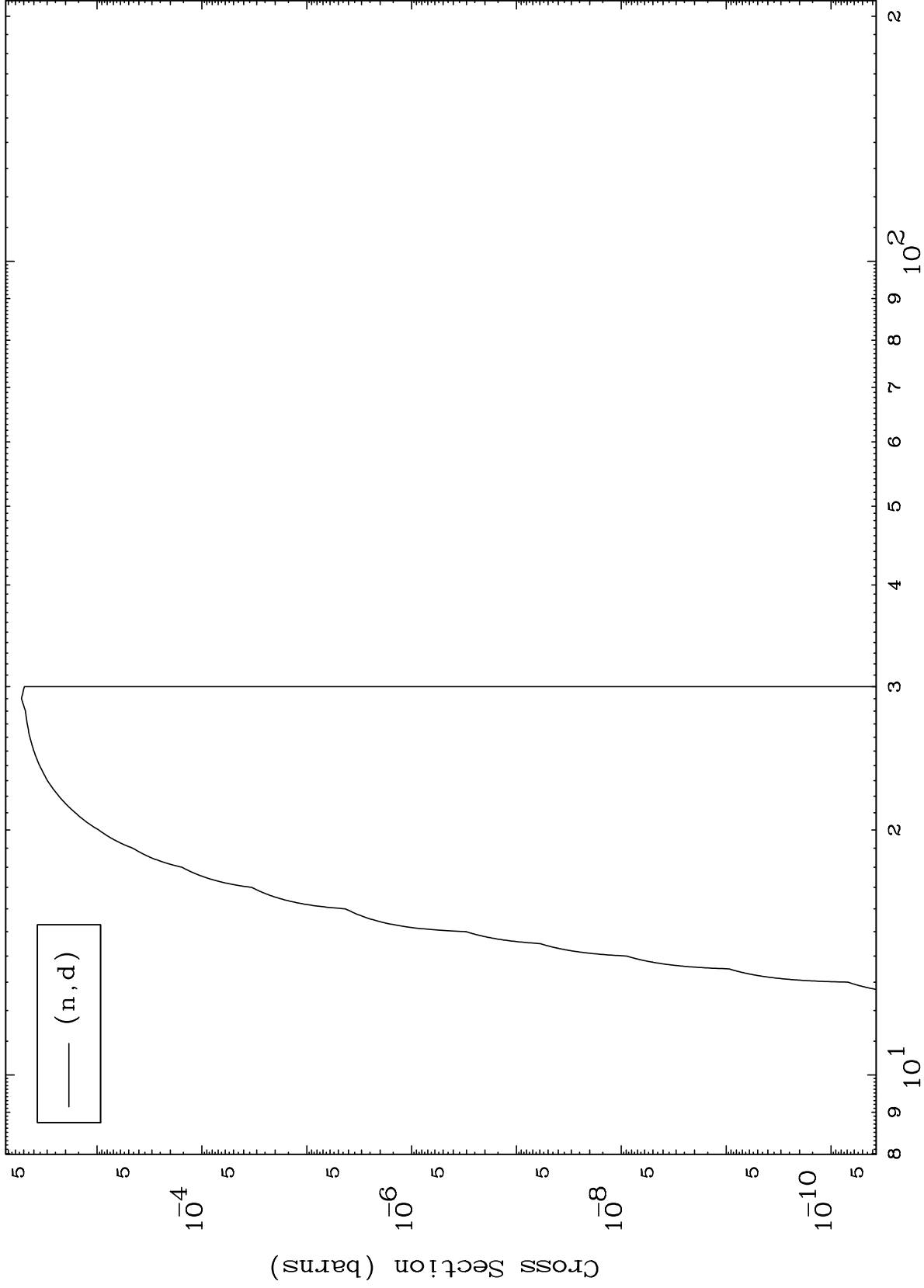
78-Pt-205



MAT 7870

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-205



12

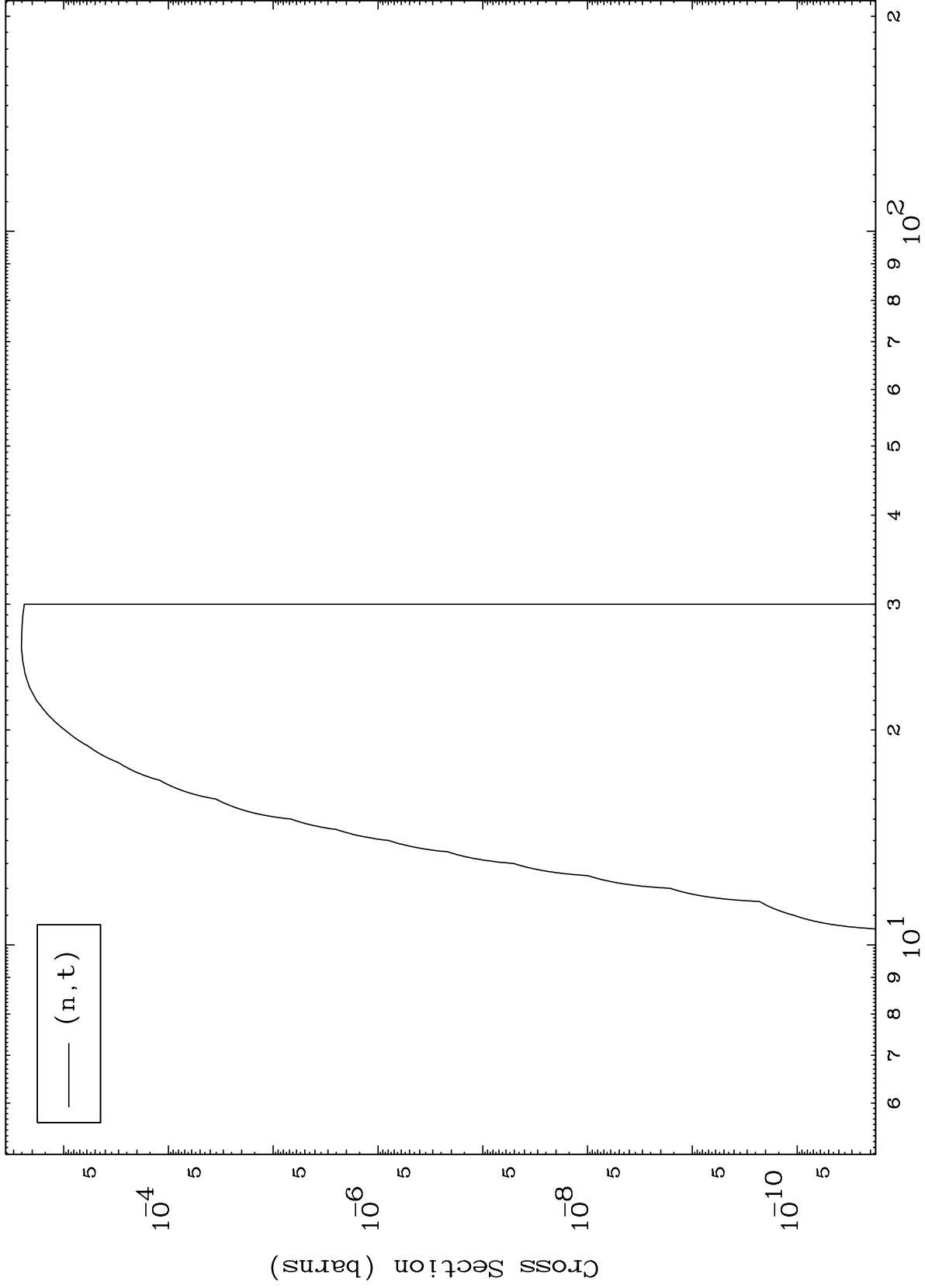
Incident Energy (MeV)

78-Pt-205

MAT 7870

(n,t) Levels
293 Kelvin Cross Sections

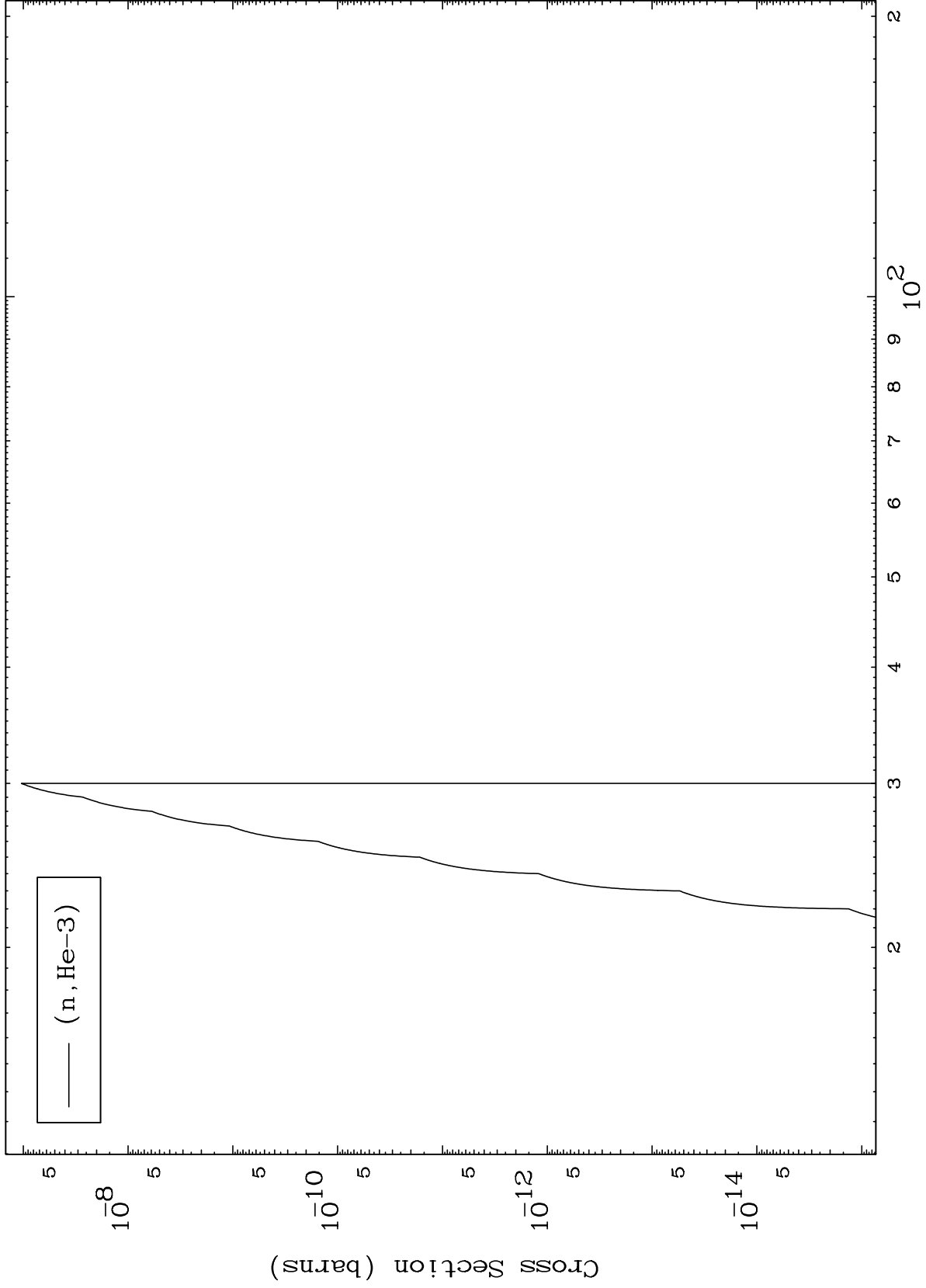
78-Pt-205



MAT 7870

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-205



14

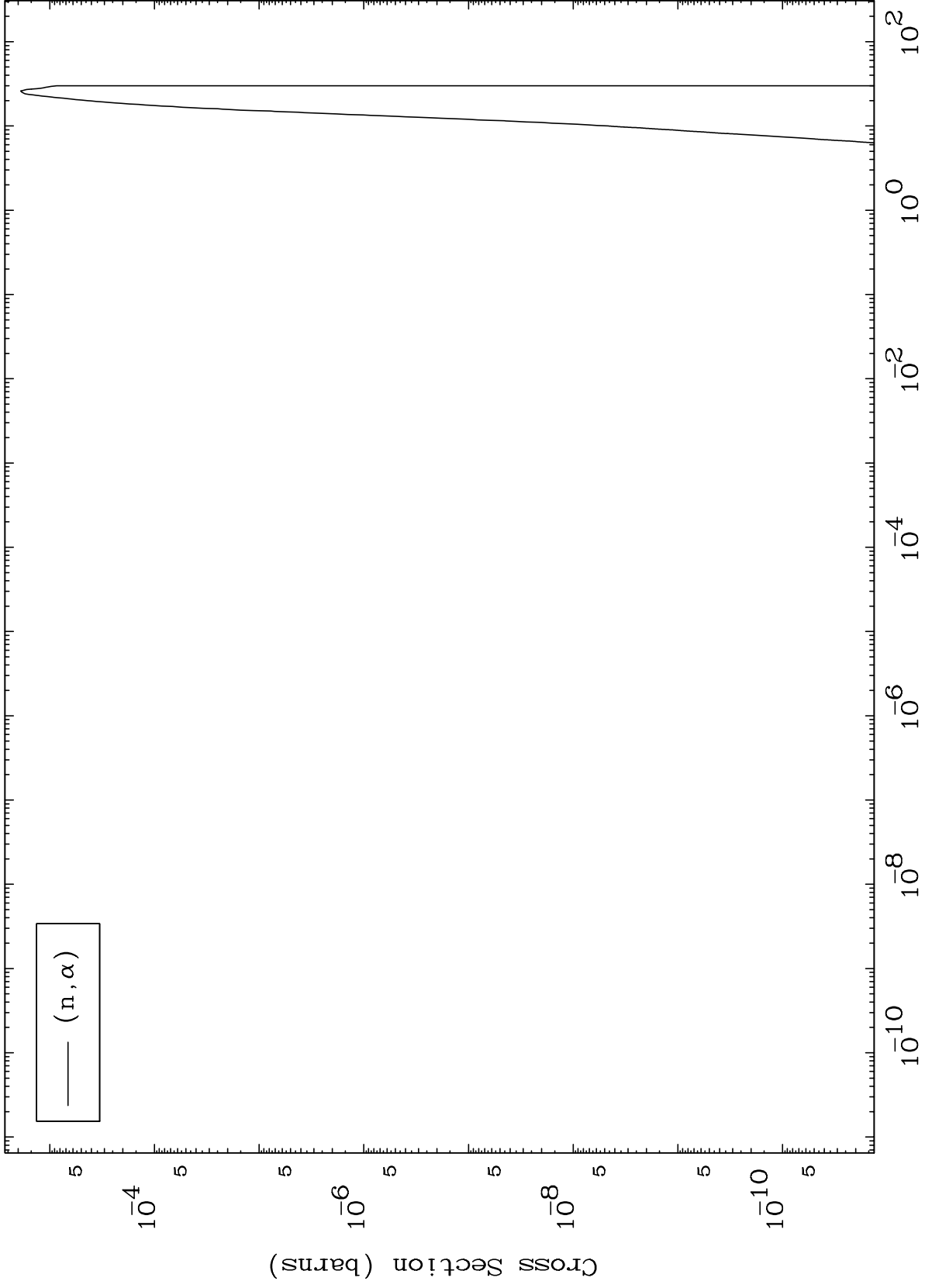
Incident Energy (MeV)

78-Pt-205

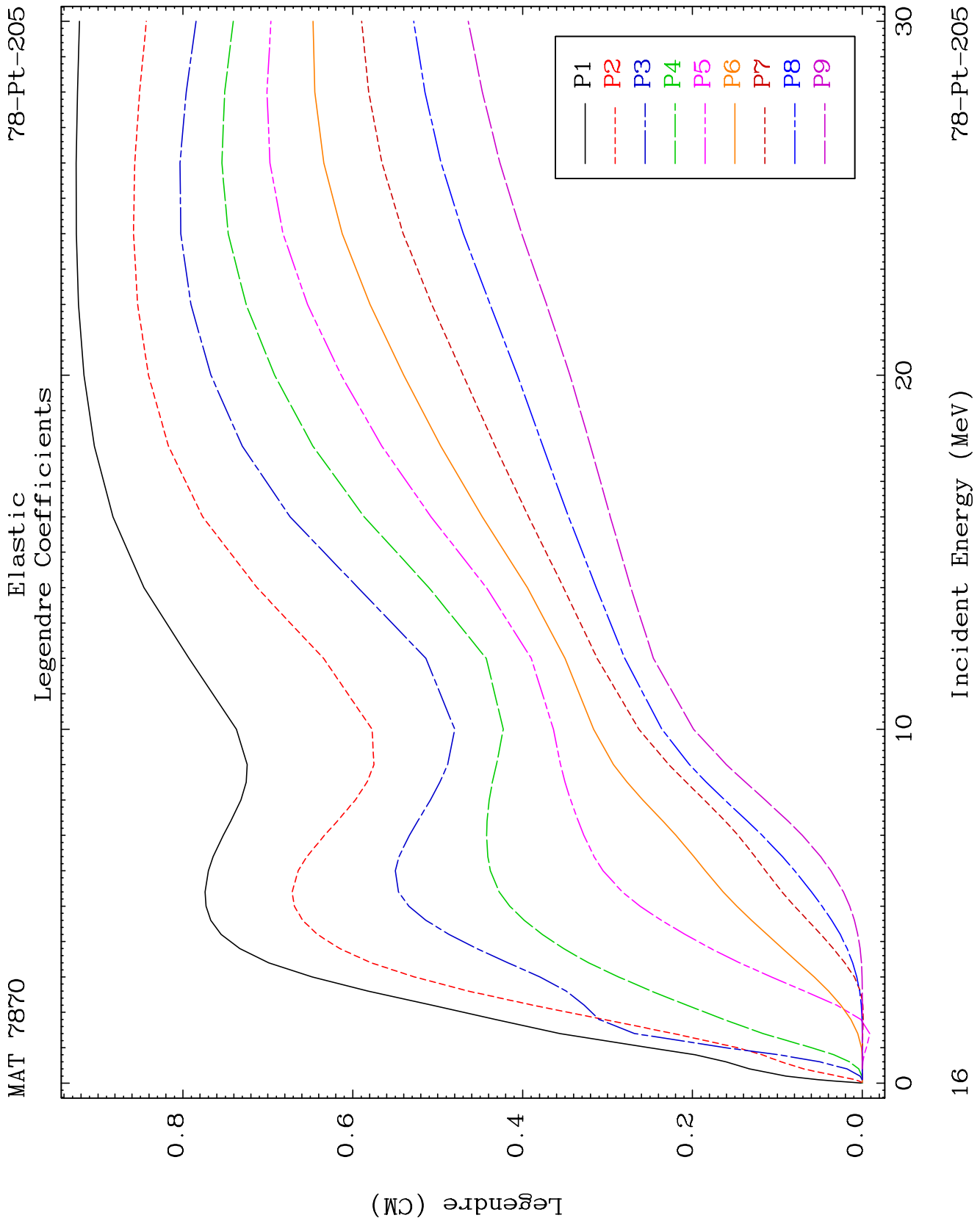
MAT 7870

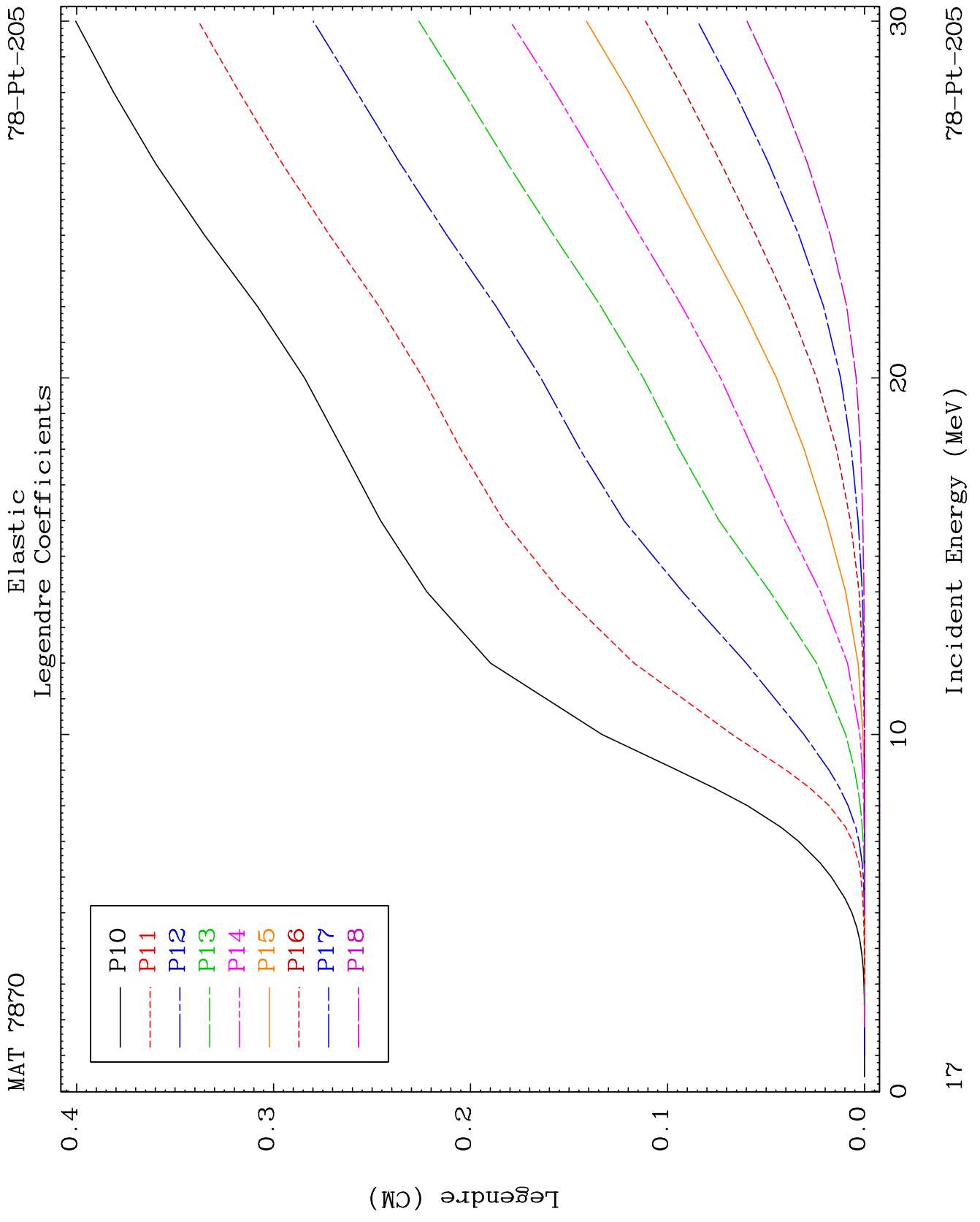
(n, α) Levels
293 Kelvin Cross Sections

78-Pt-205



(n, α)

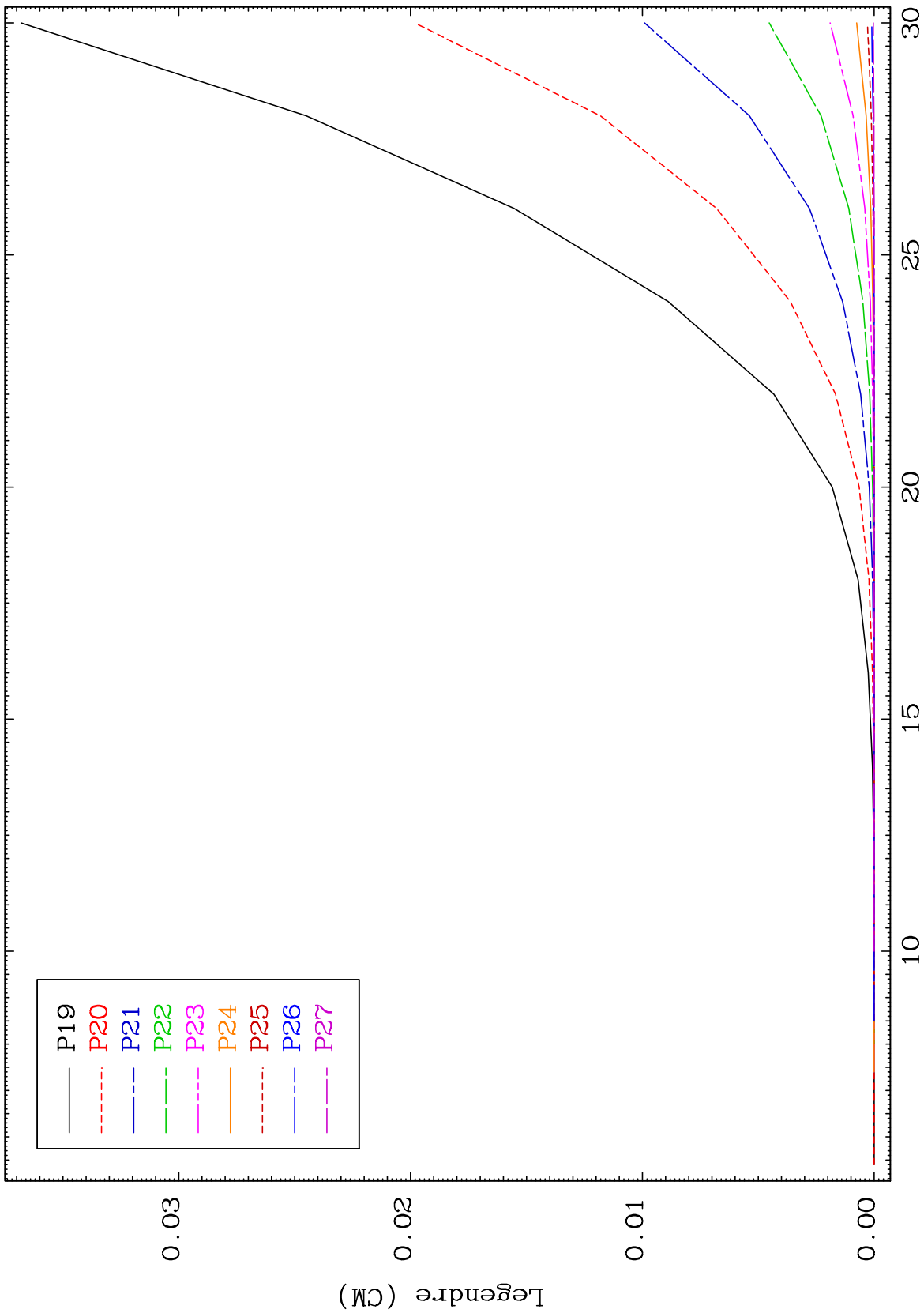




MAT 7870

Elastic Legendre Coefficients

78-Pt-205



18

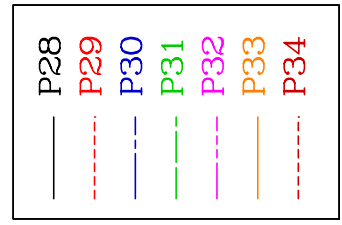
Incident Energy (MeV)

78-Pt-205

MAT 7870

Elastic Legendre Coefficients

78-Pt-205



$\times 10^{-5}$

1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

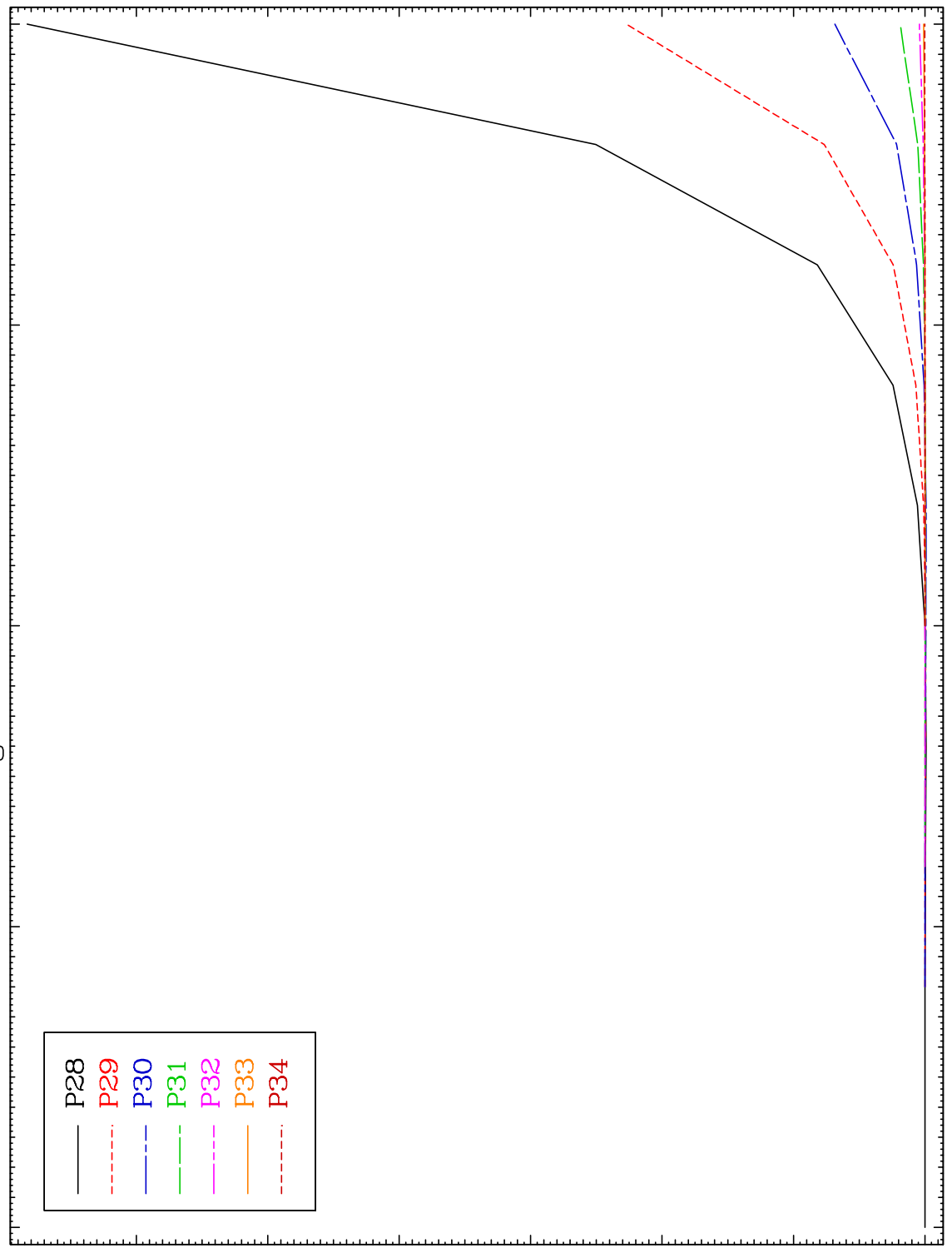
25

30

19

Incident Energy (MeV)

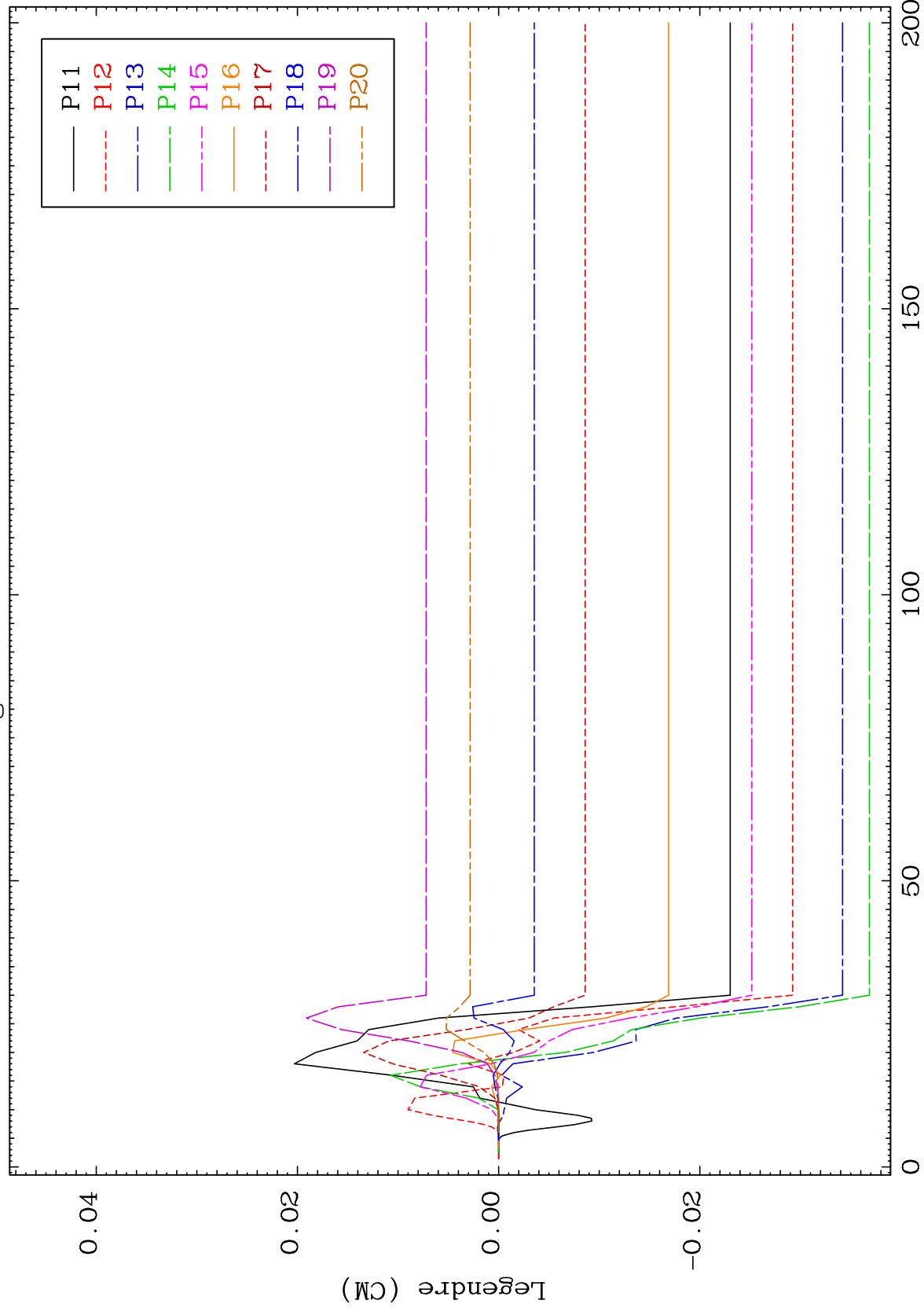
78-Pt-205



MAT 7870

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

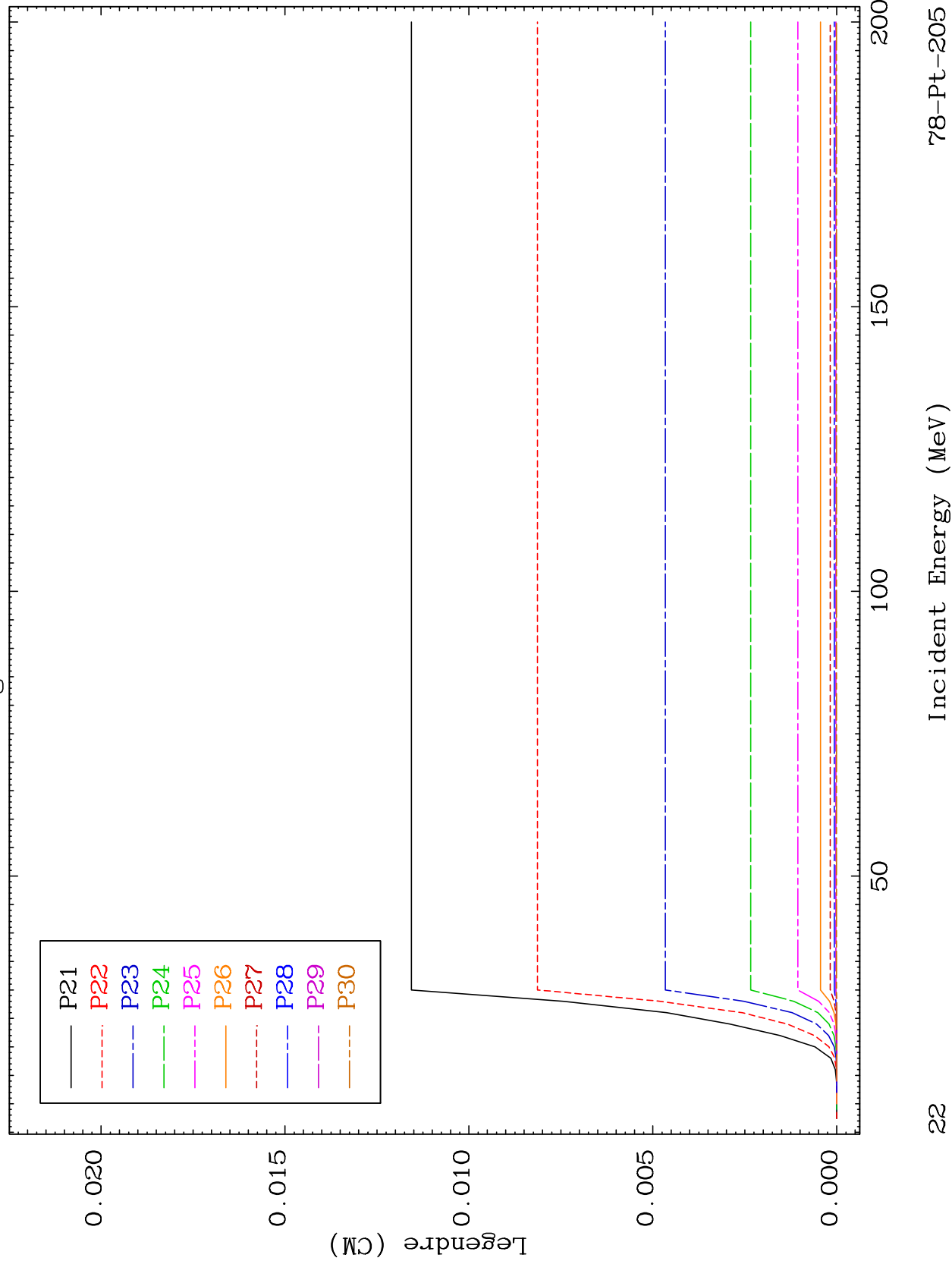
78-Pt-205



21

Incident Energy (MeV)

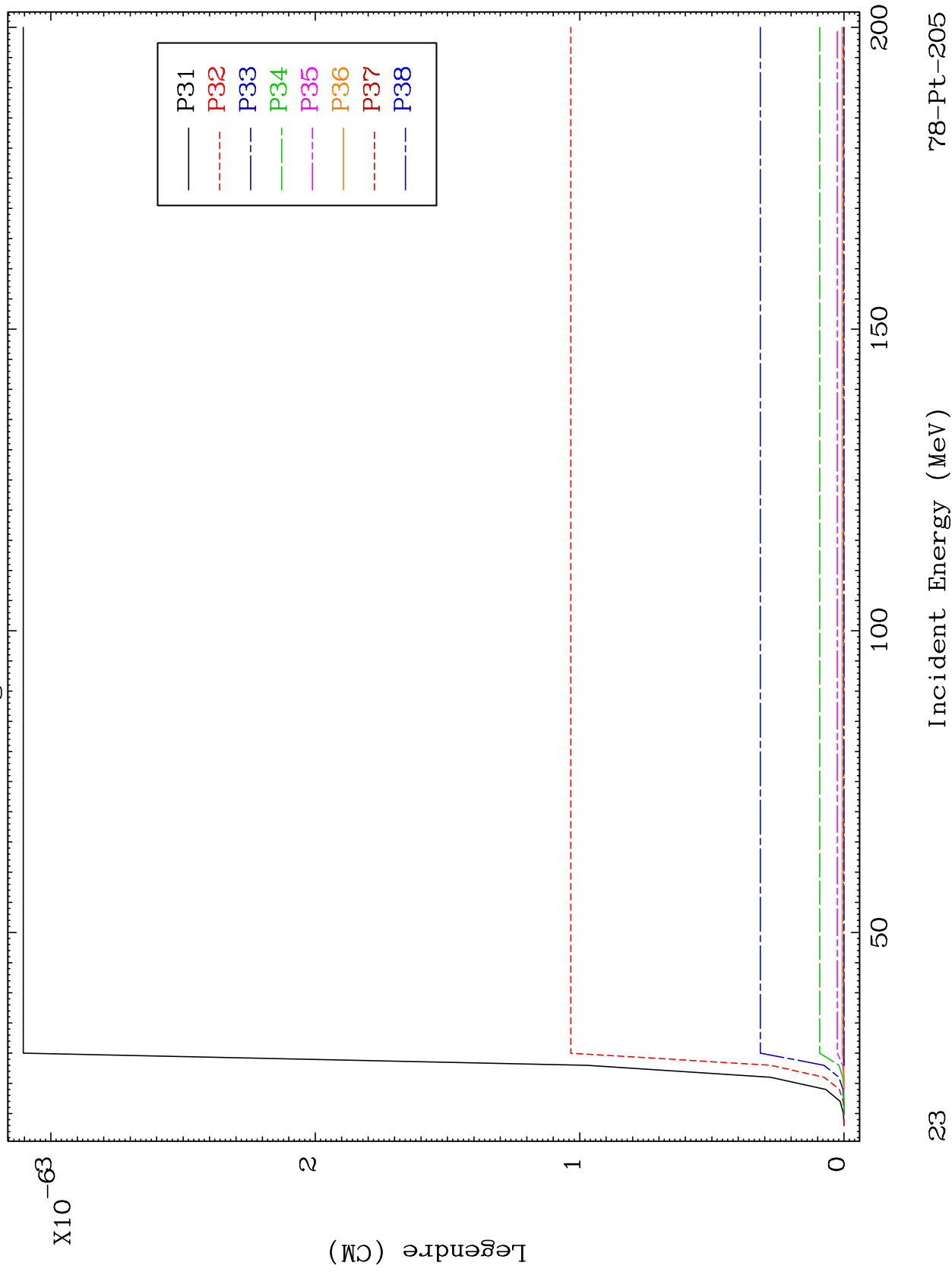
78-Pt-205

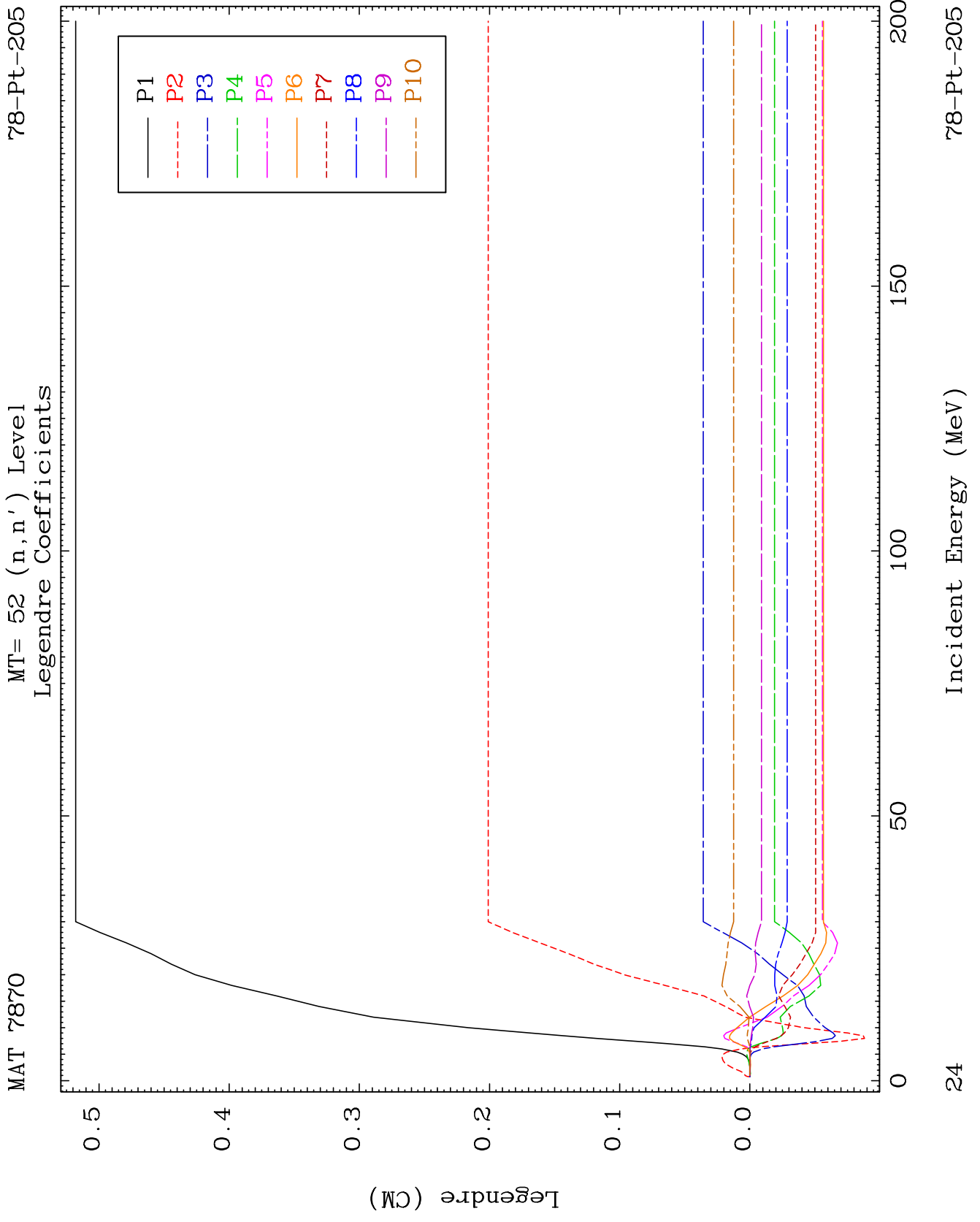


MAT 7870

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

78-Pt-205

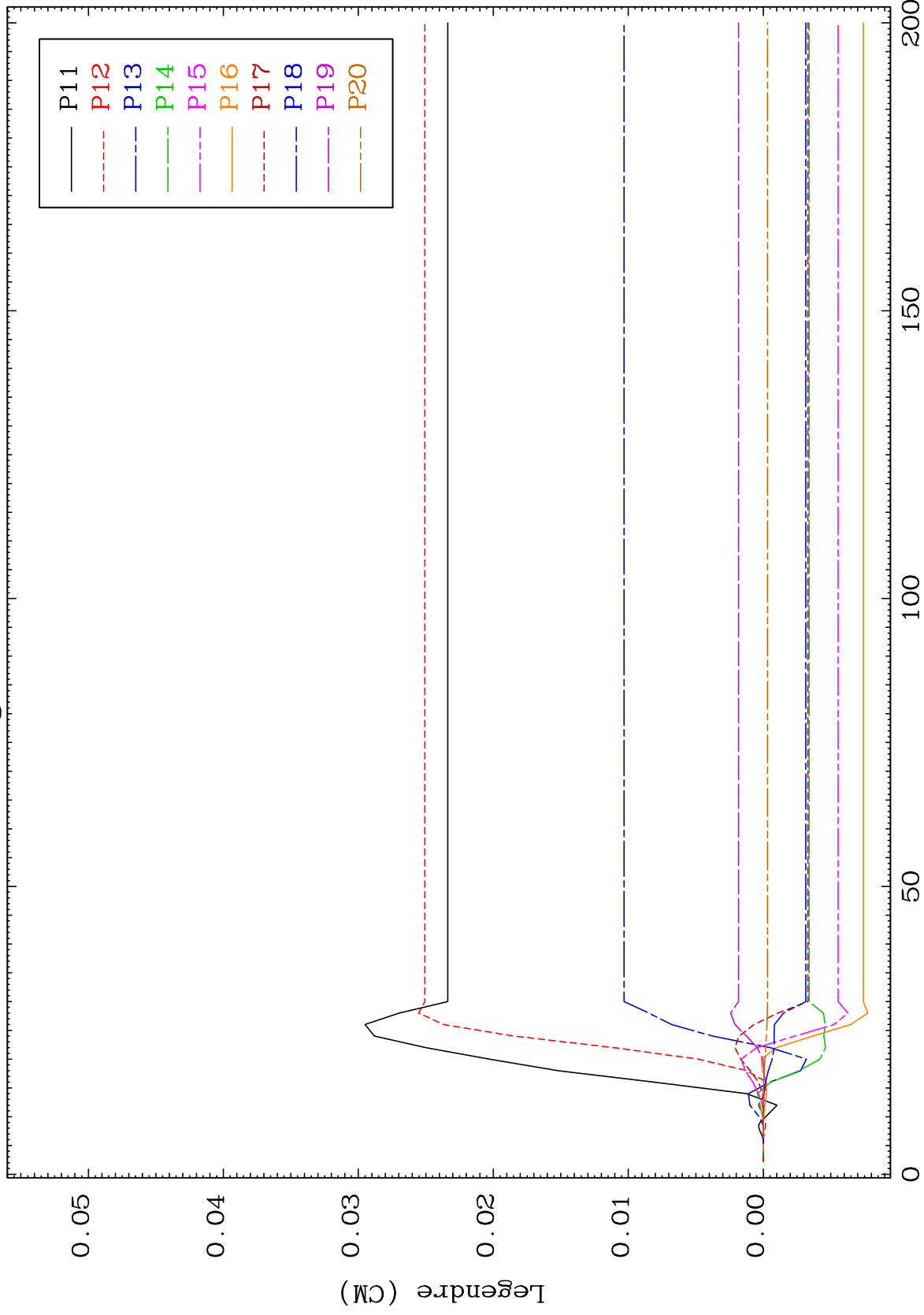




MAT 7870

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

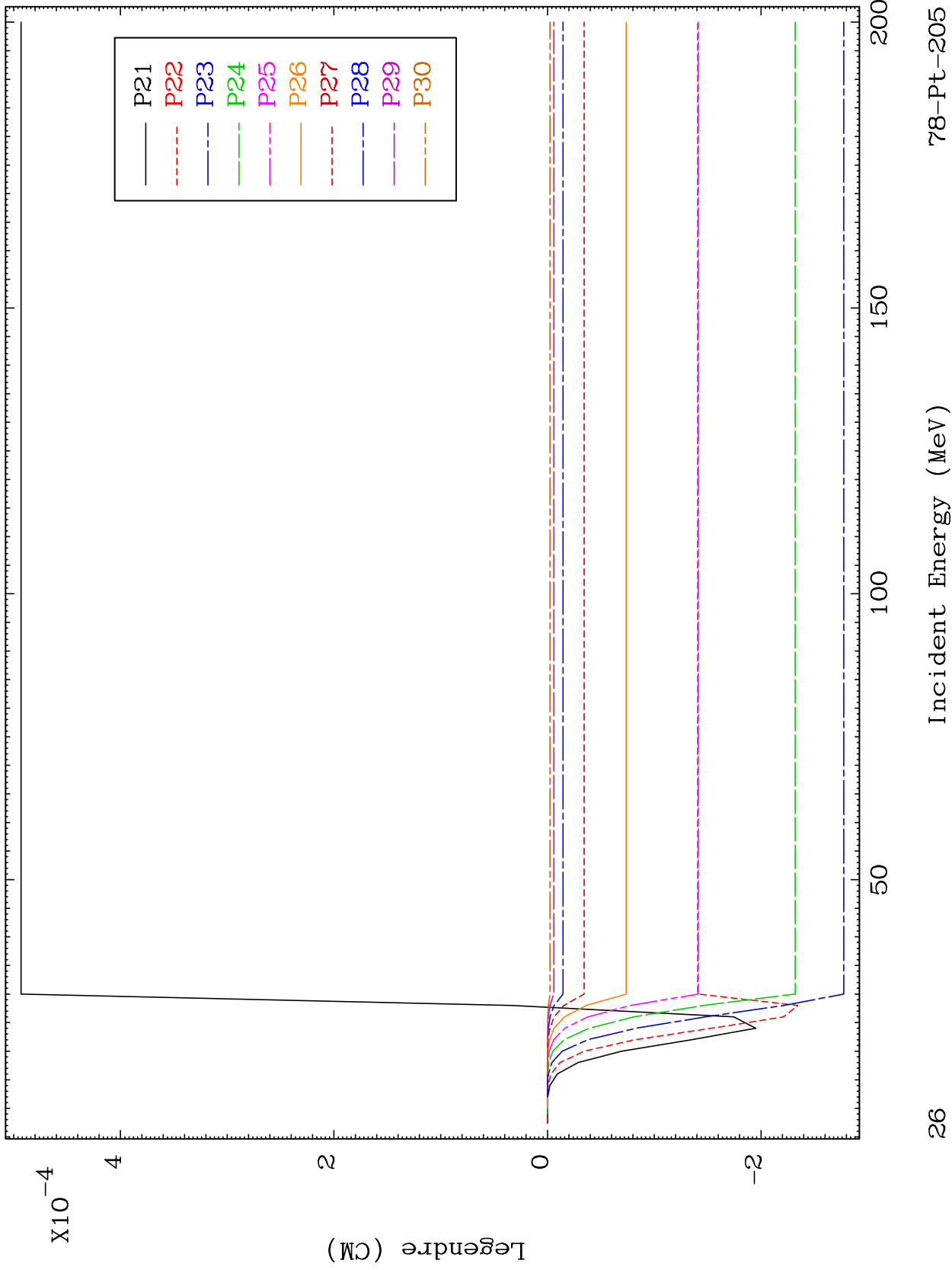
78-Pt-205

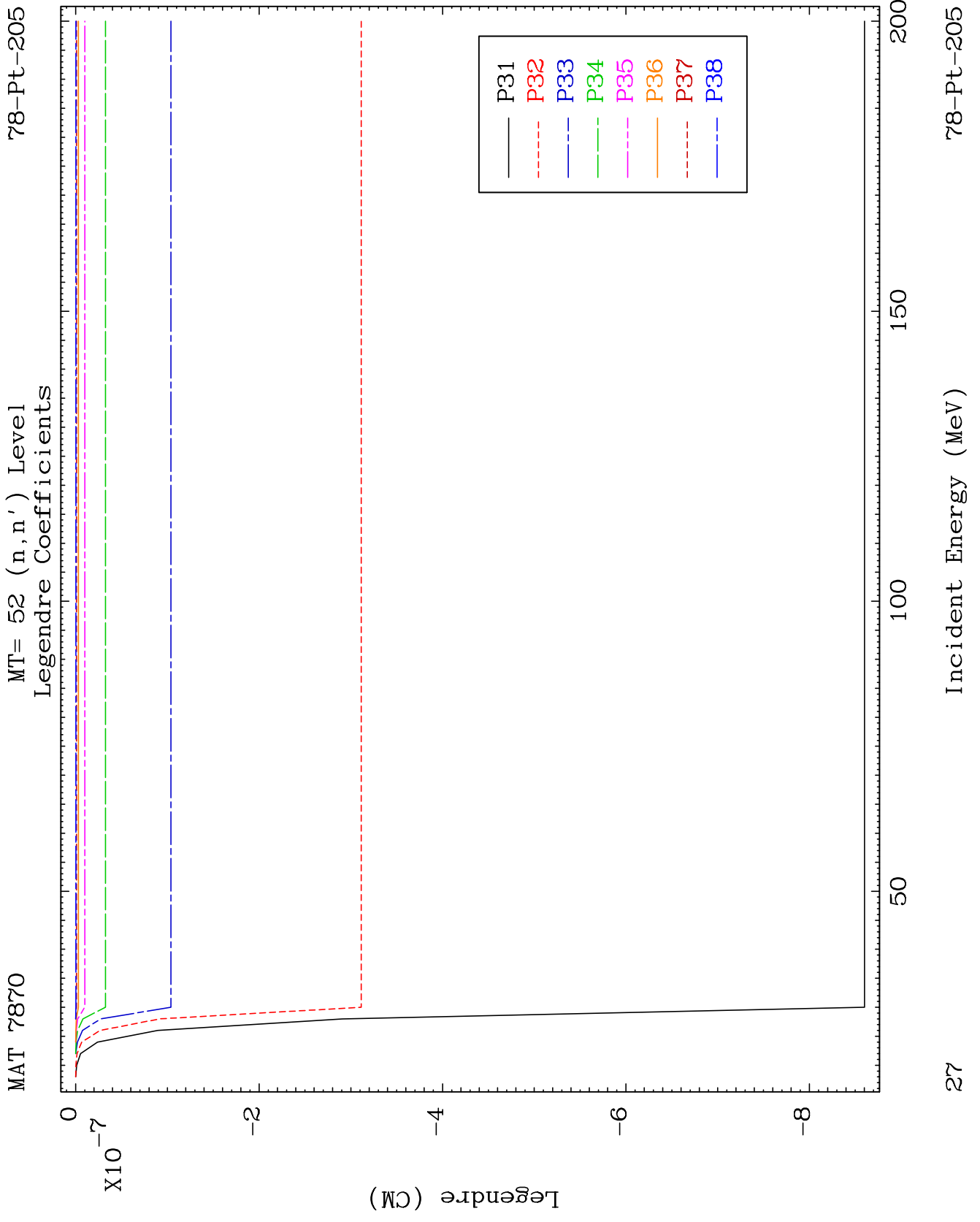


25

Incident Energy (MeV)

78-Pt-205

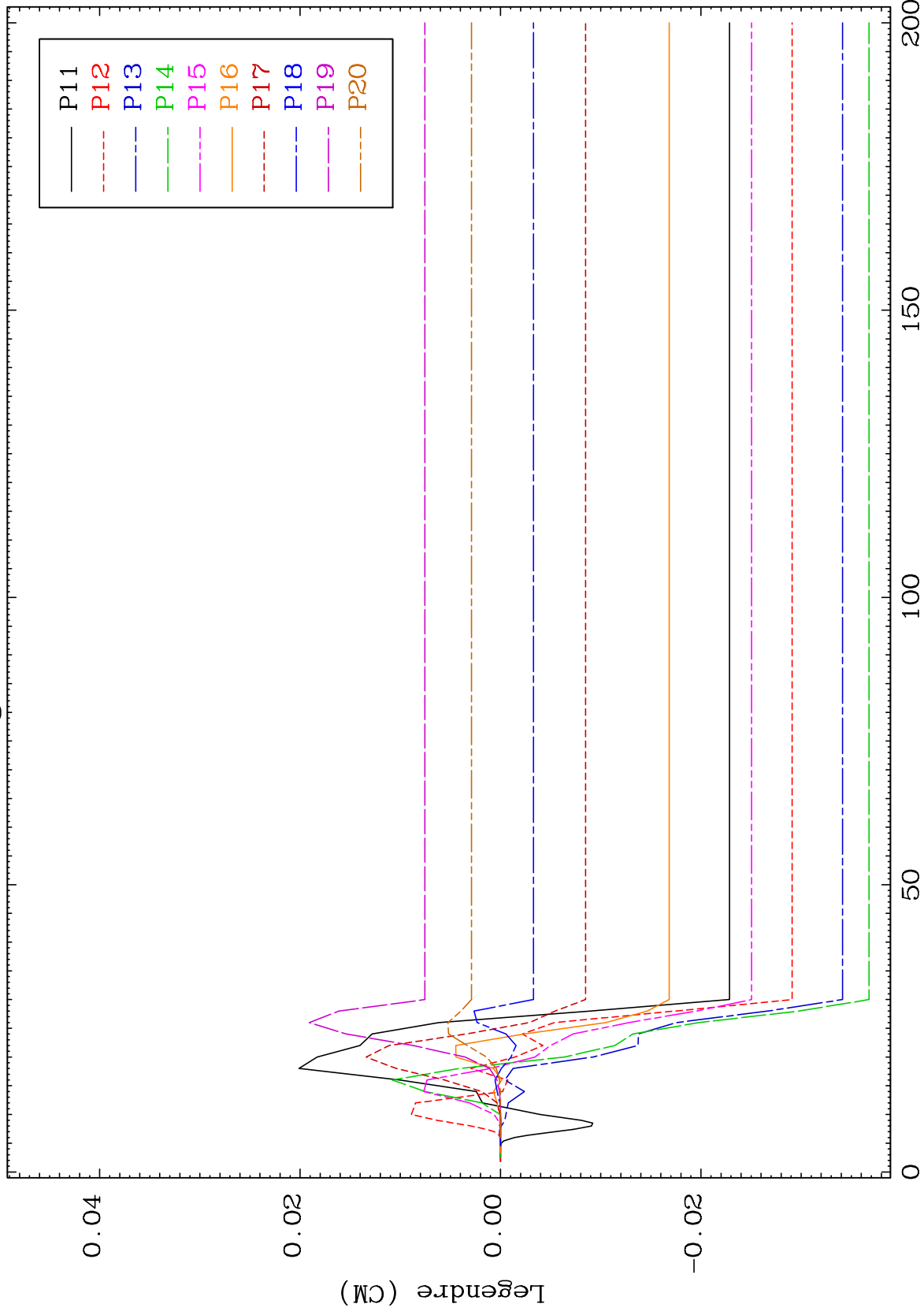




MAT 7870

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

78-Pt-205



29

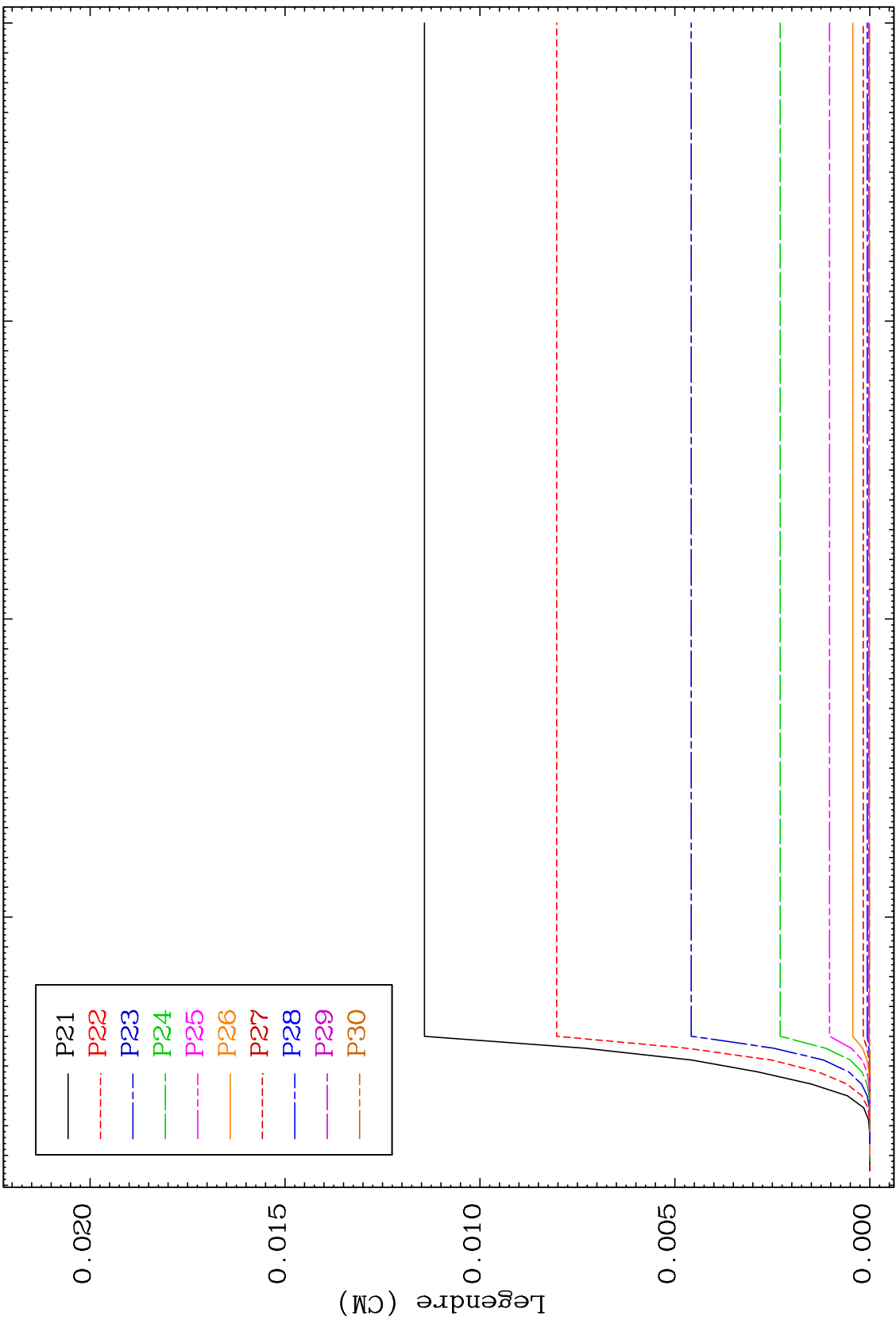
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



30

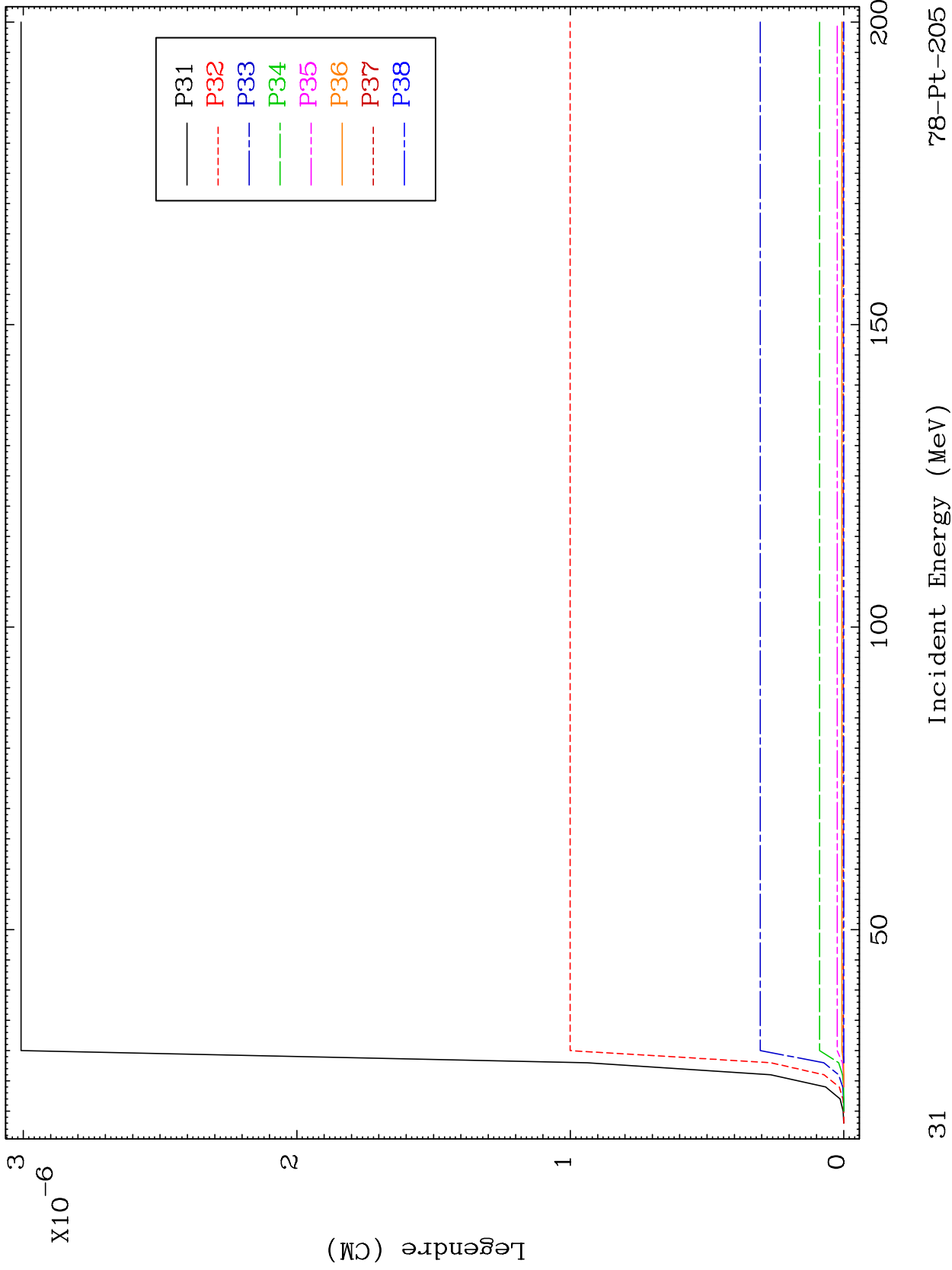
Incident Energy (MeV)

78-Pt-205

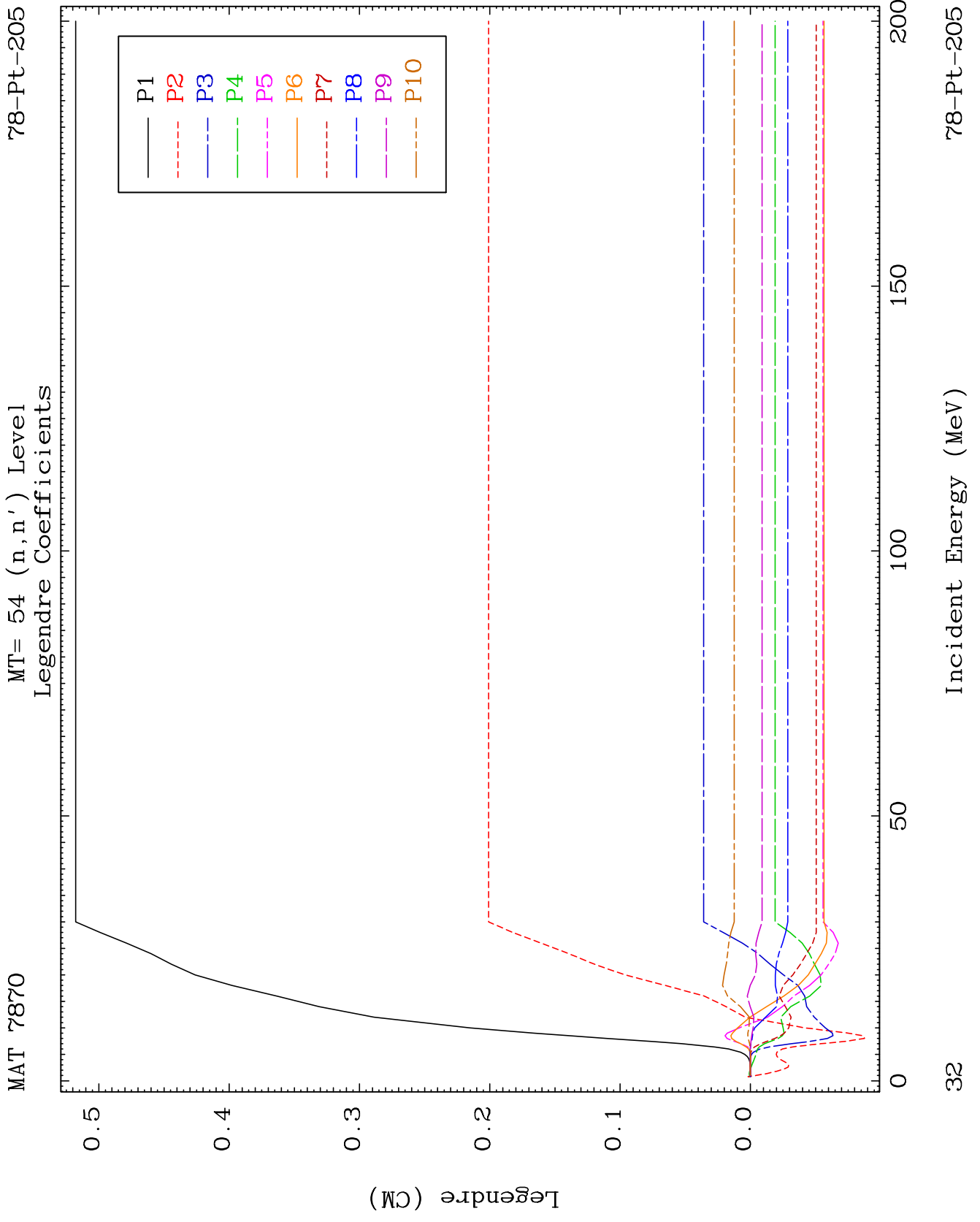
MAT 7870

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

78-Pt-205



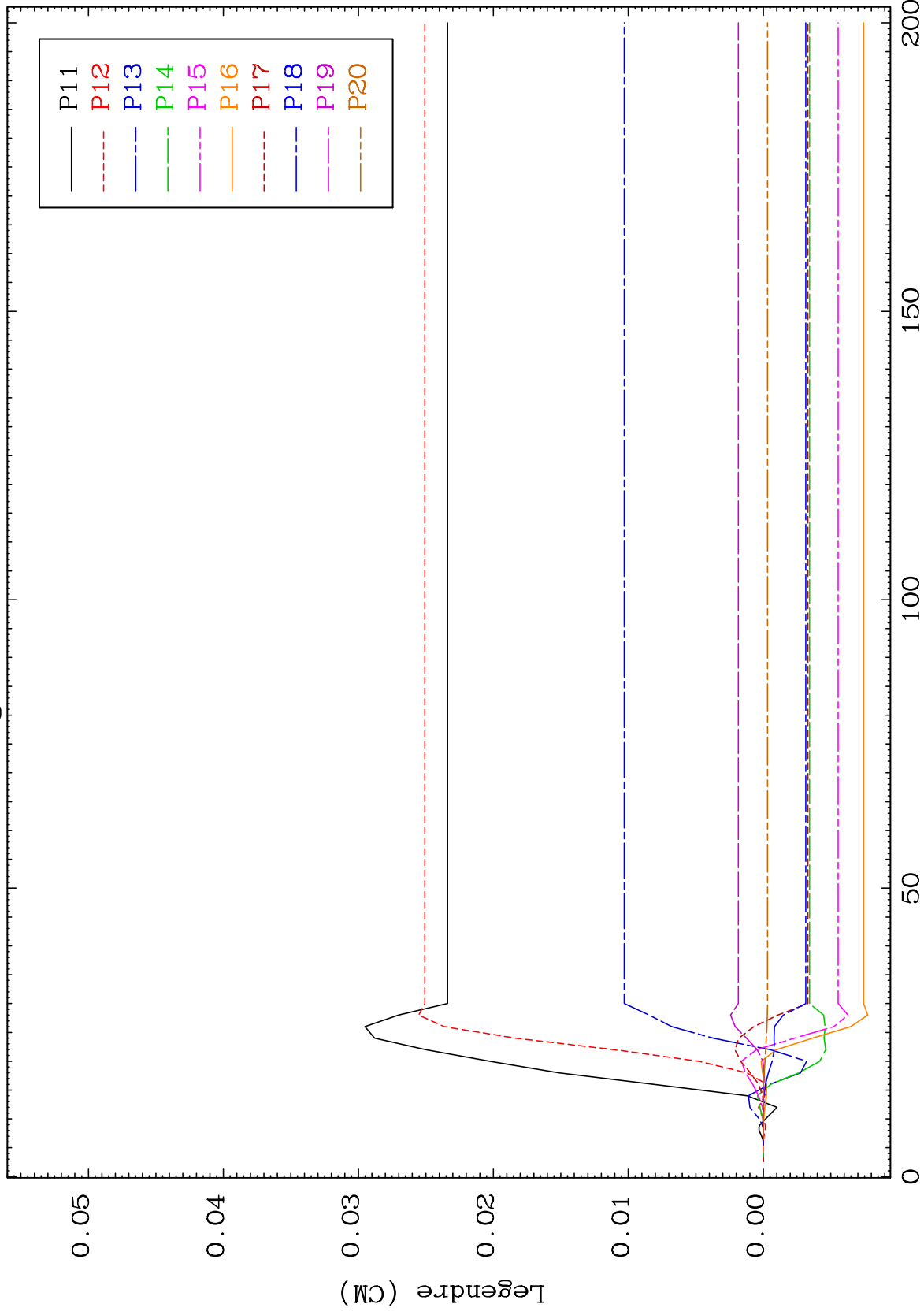
31



MAT 7870

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

78-Pt-205



33

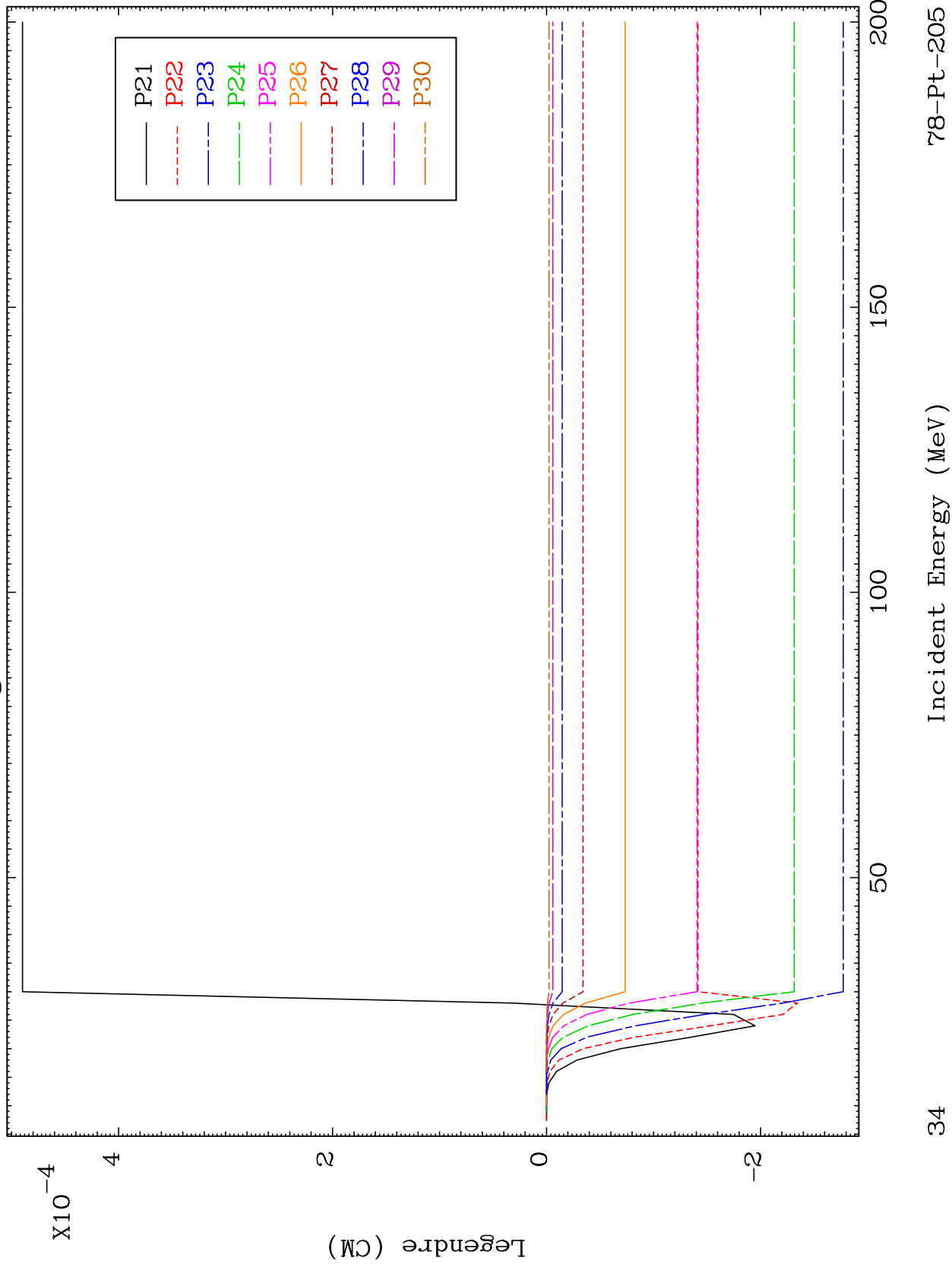
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

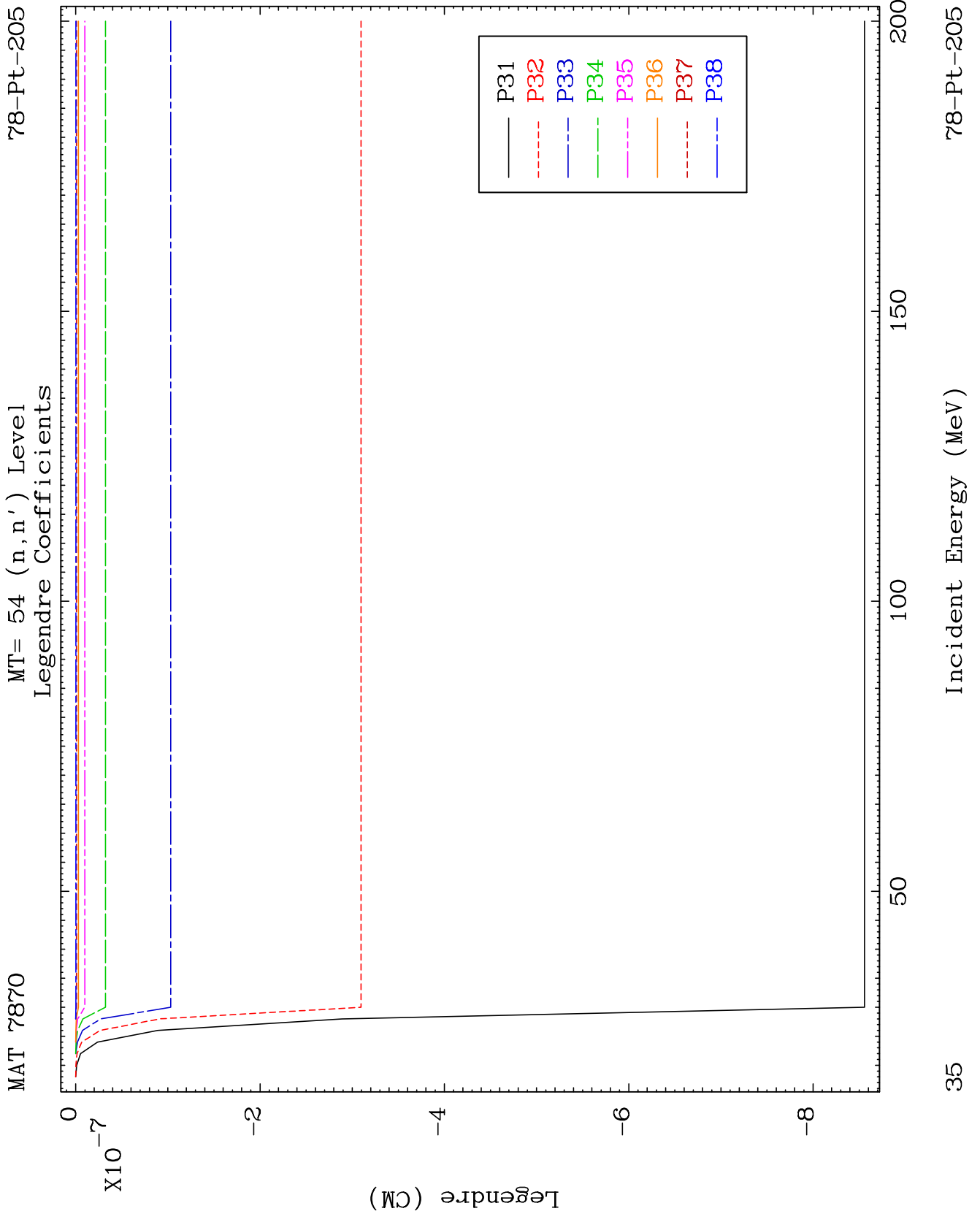
78-Pt-205



34

Incident Energy (MeV)

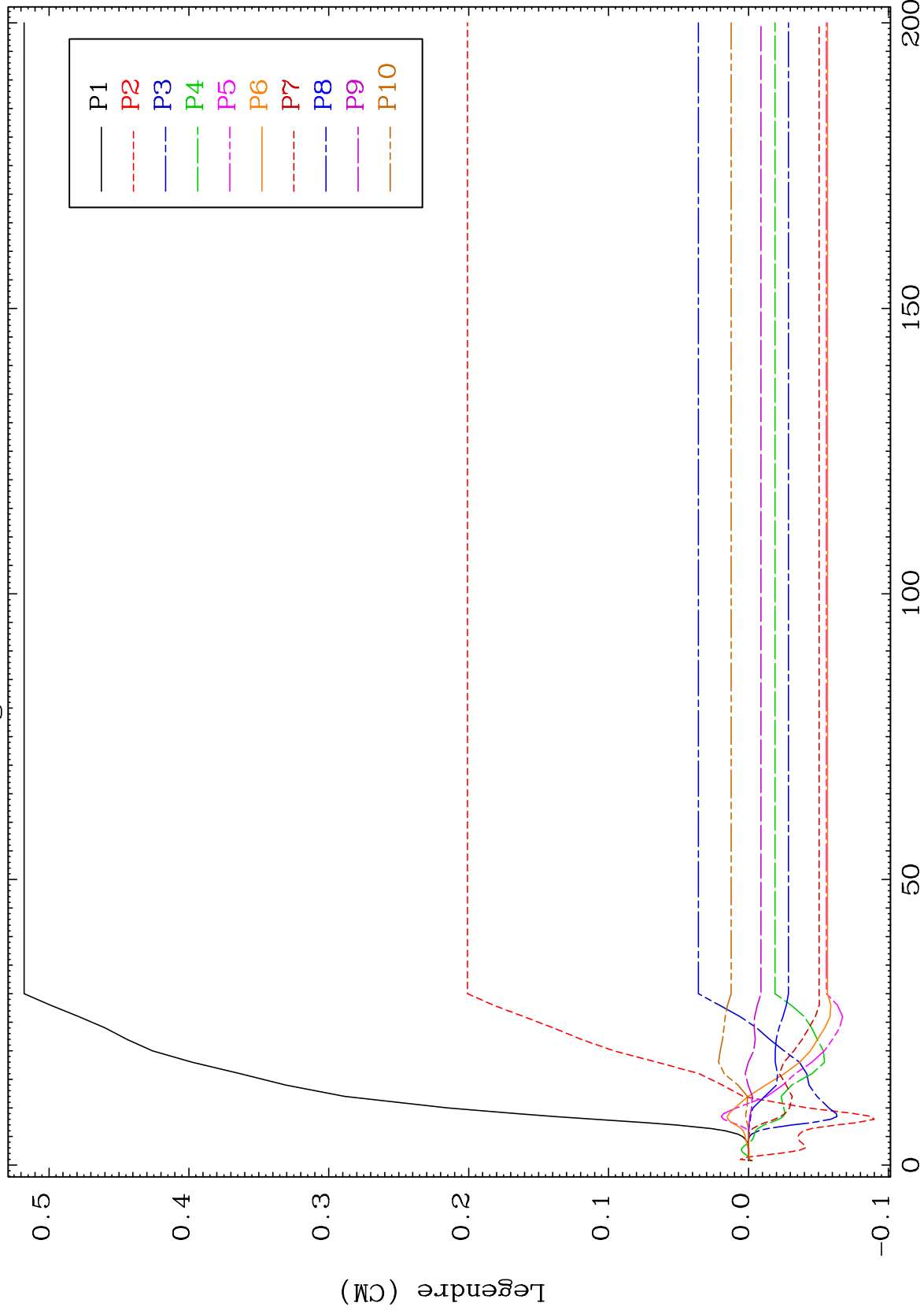
78-Pt-205



MAT 7870

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

78-Pt-205



36

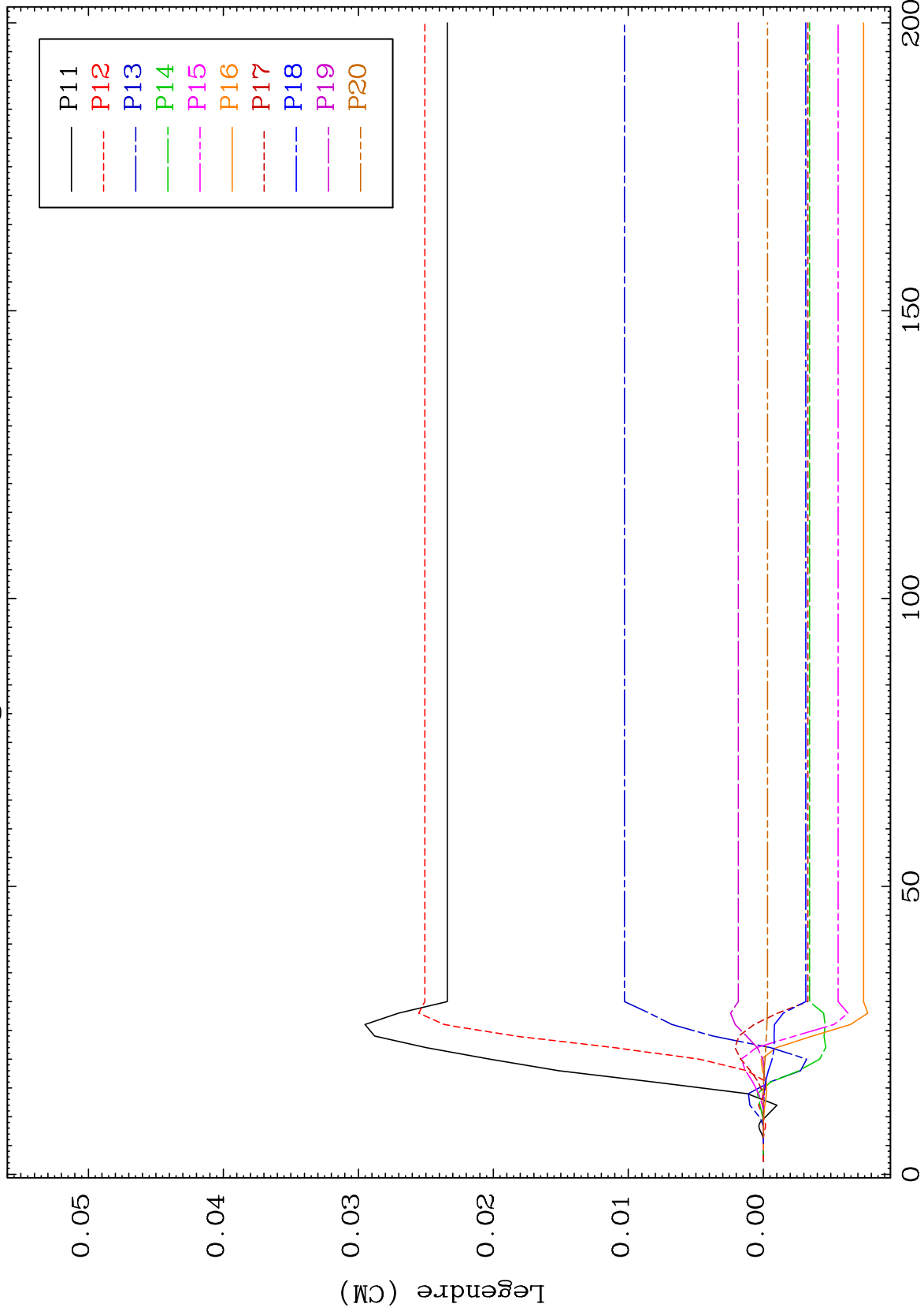
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



37

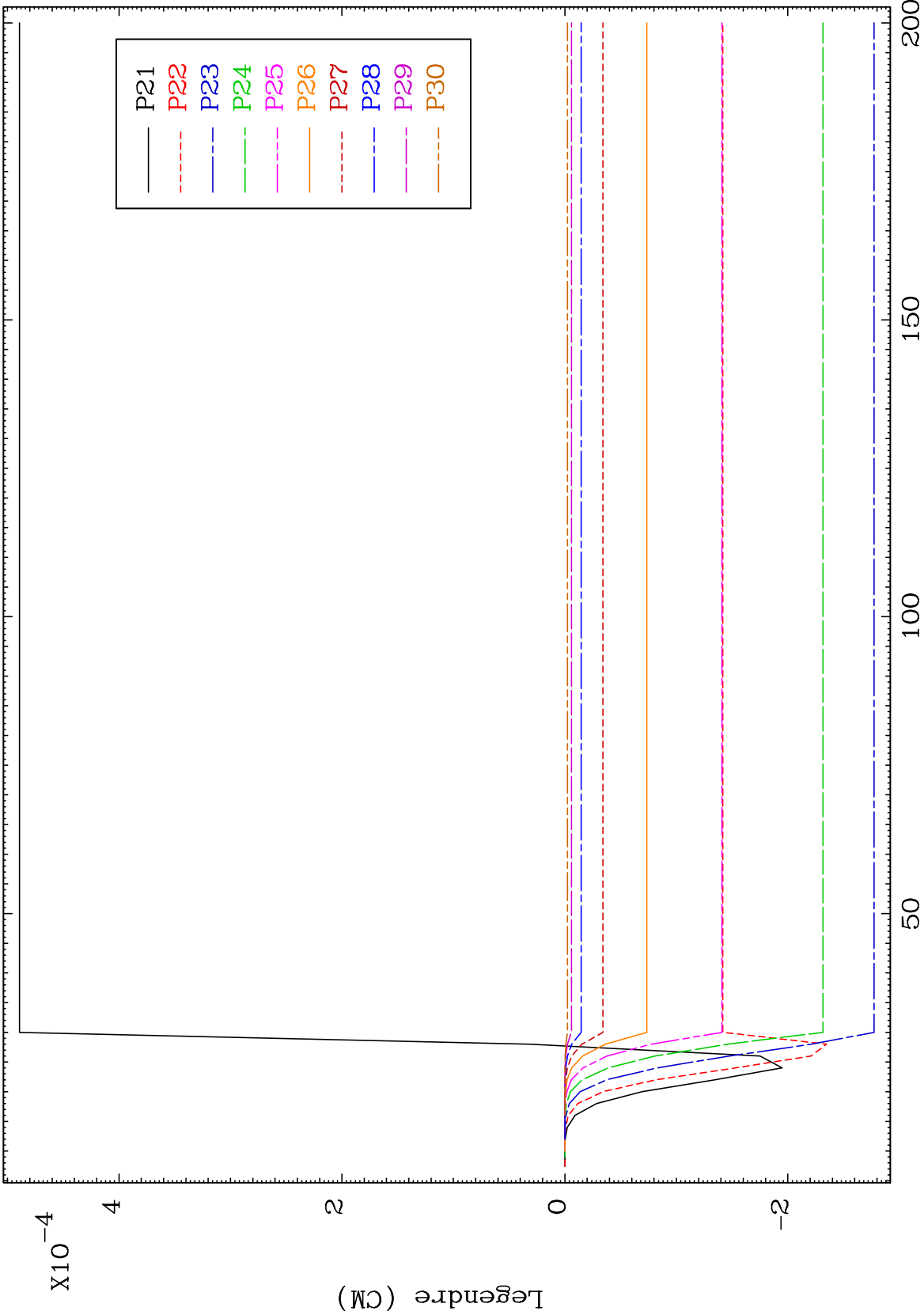
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

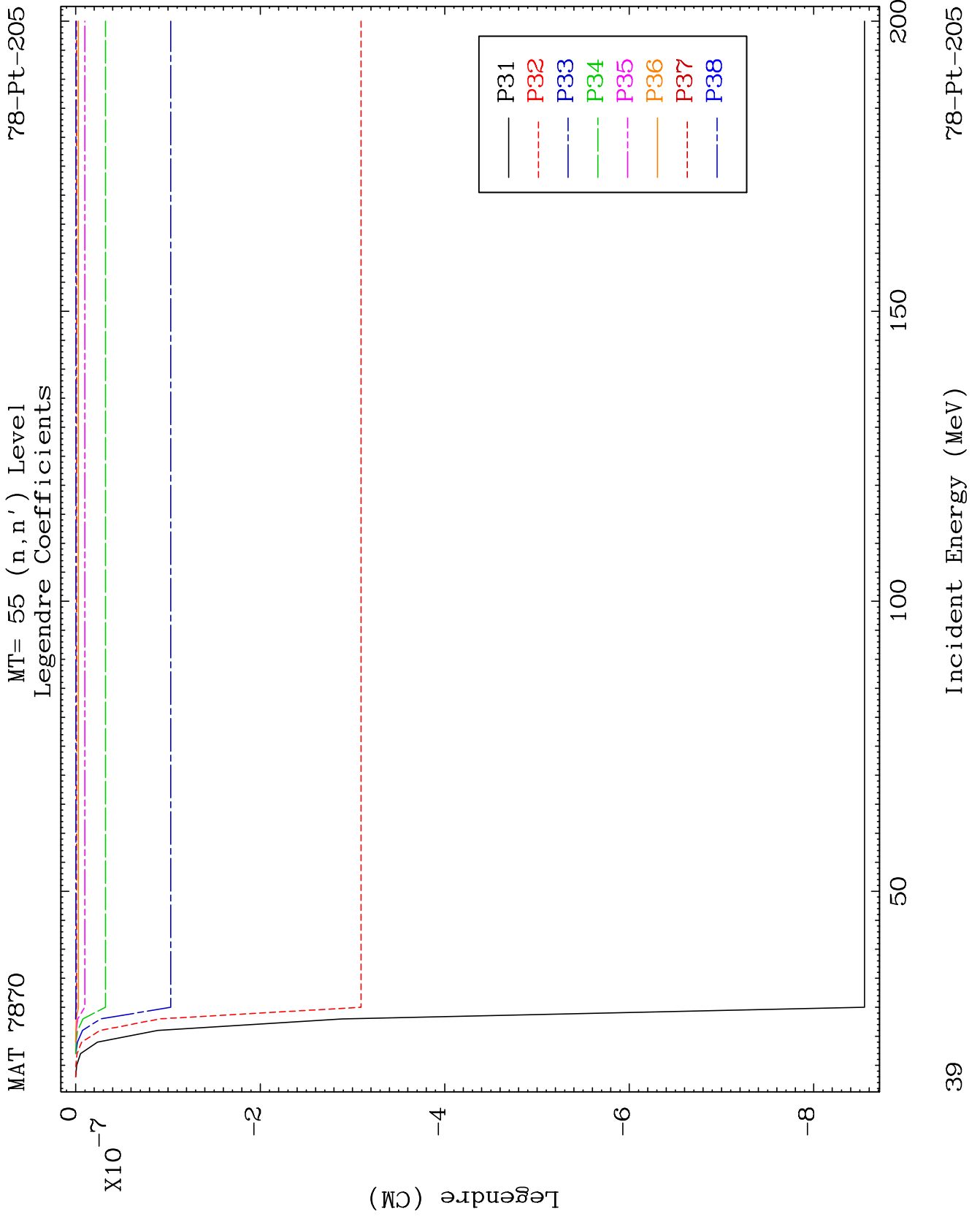
78-Pt-205

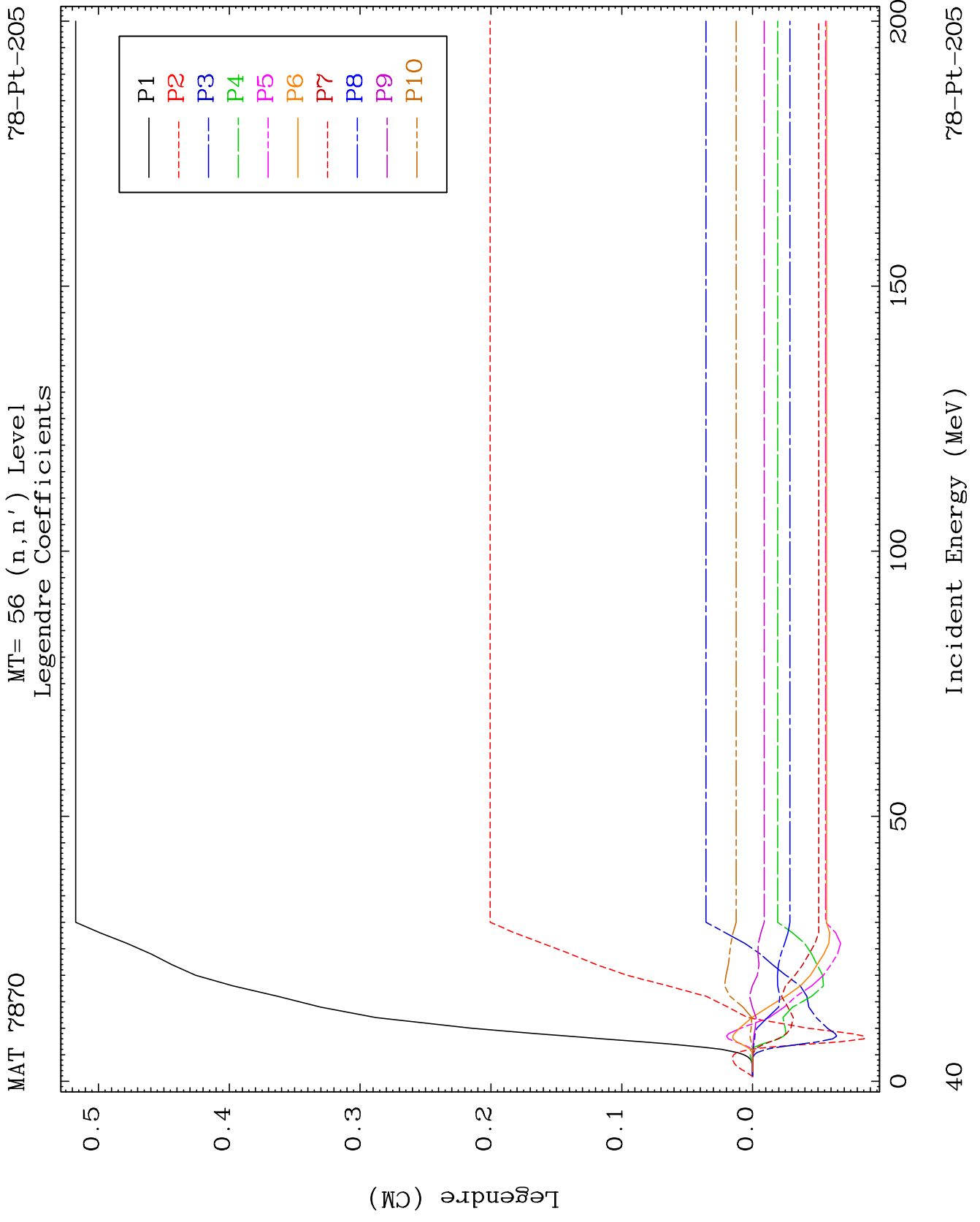


38

Incident Energy (MeV)

78-Pt-205

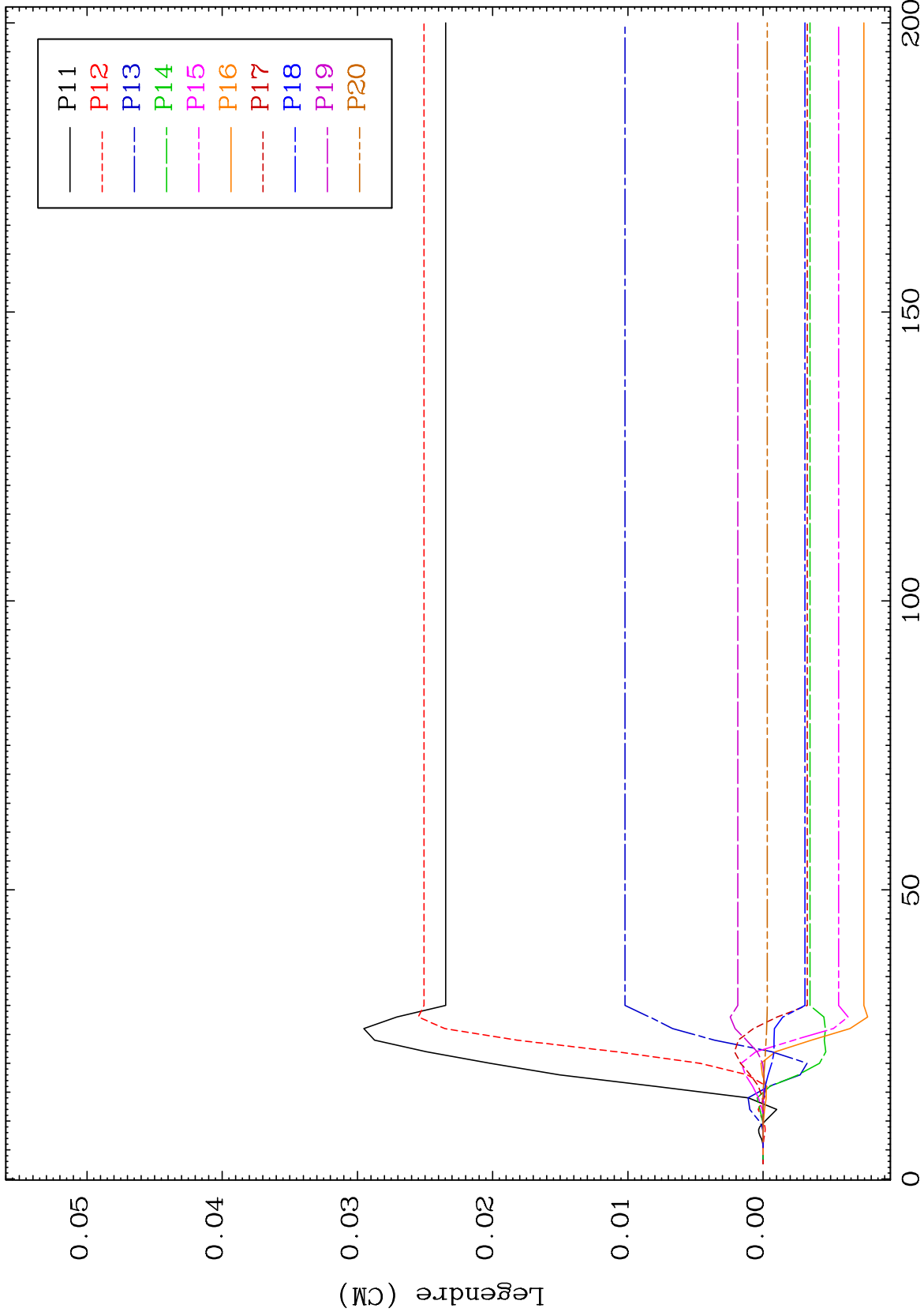




MAT 7870

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

78-Pt-205



41

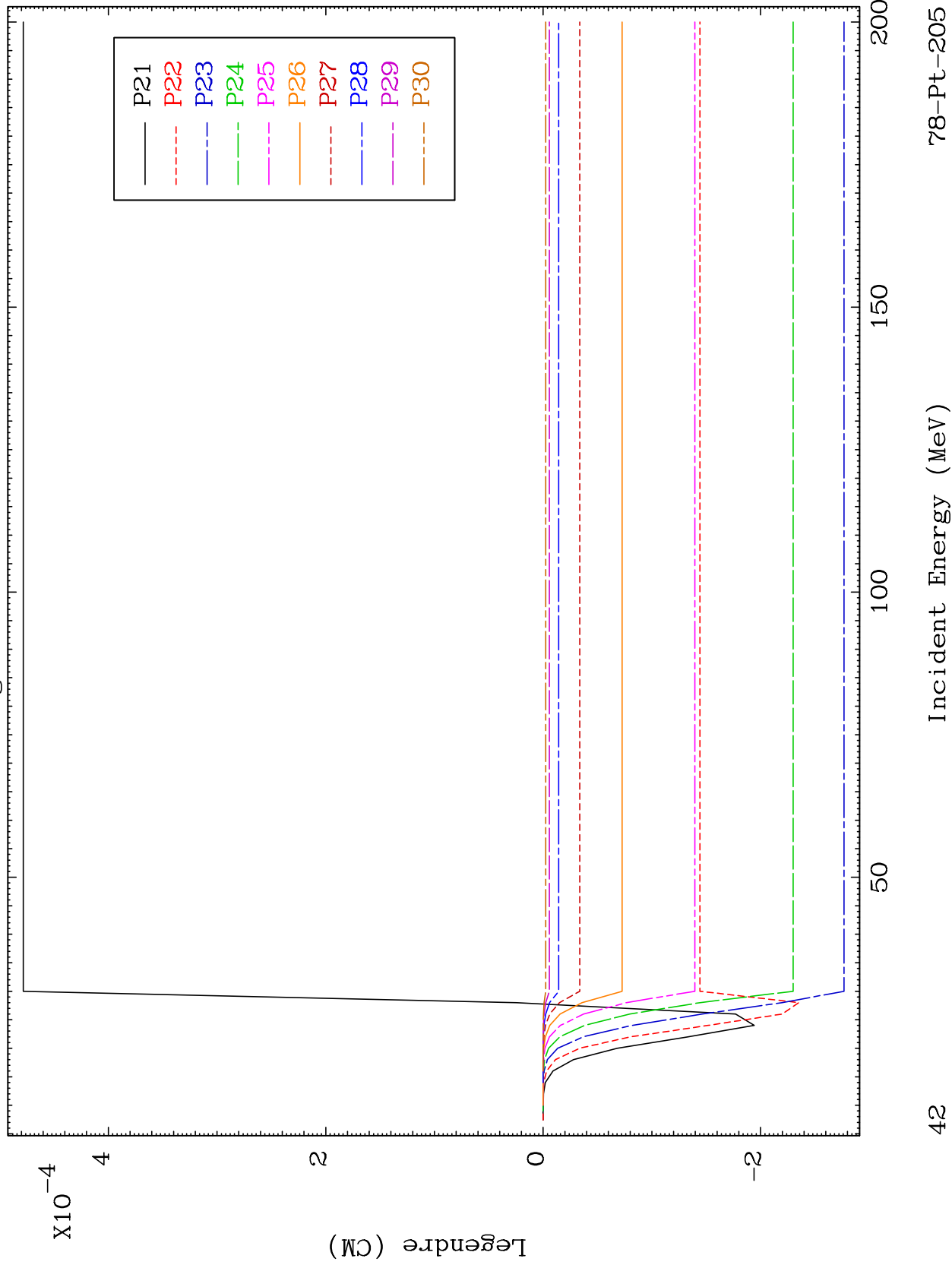
Incident Energy (MeV)

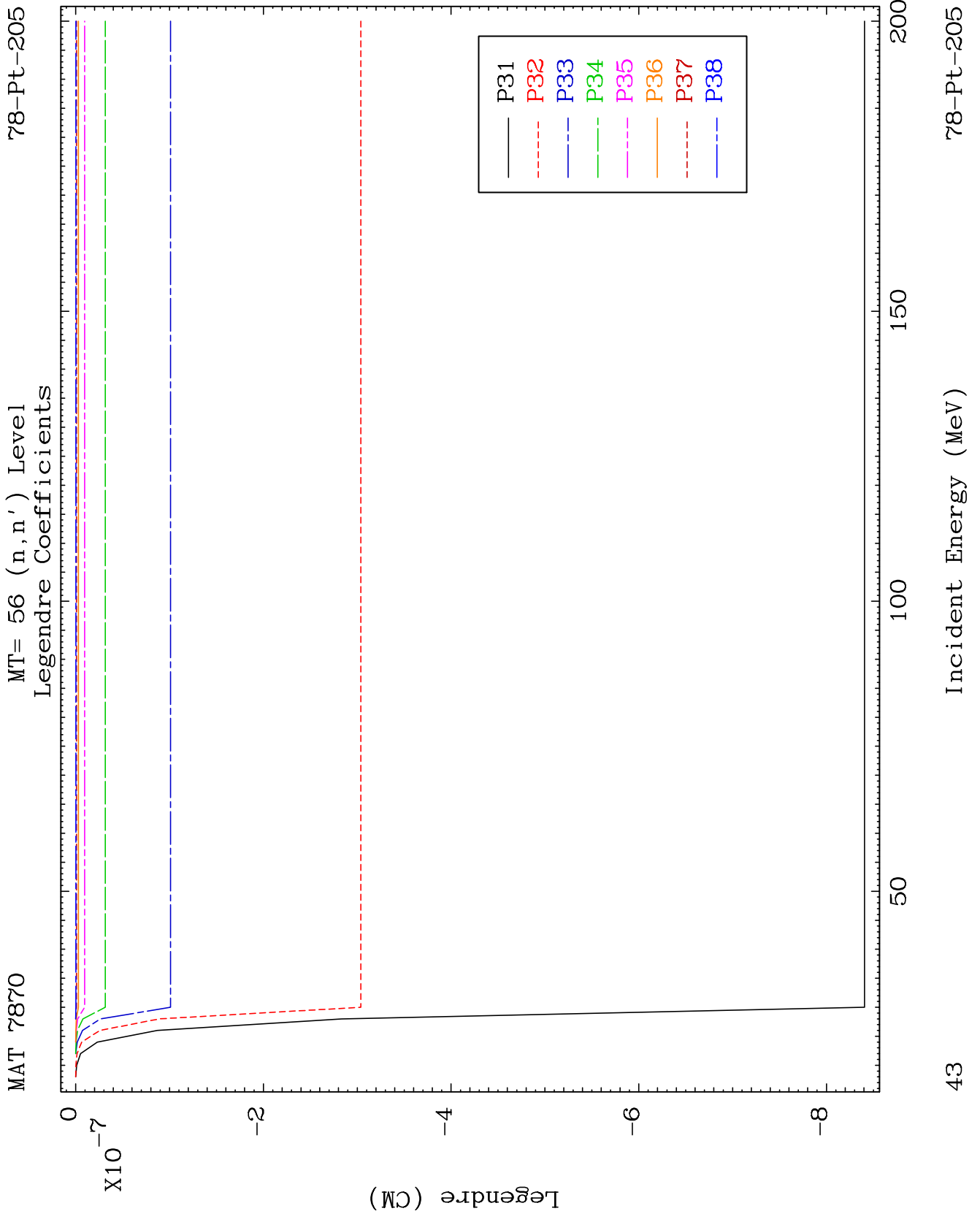
78-Pt-205

MAT 7870

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

78-Pt-205

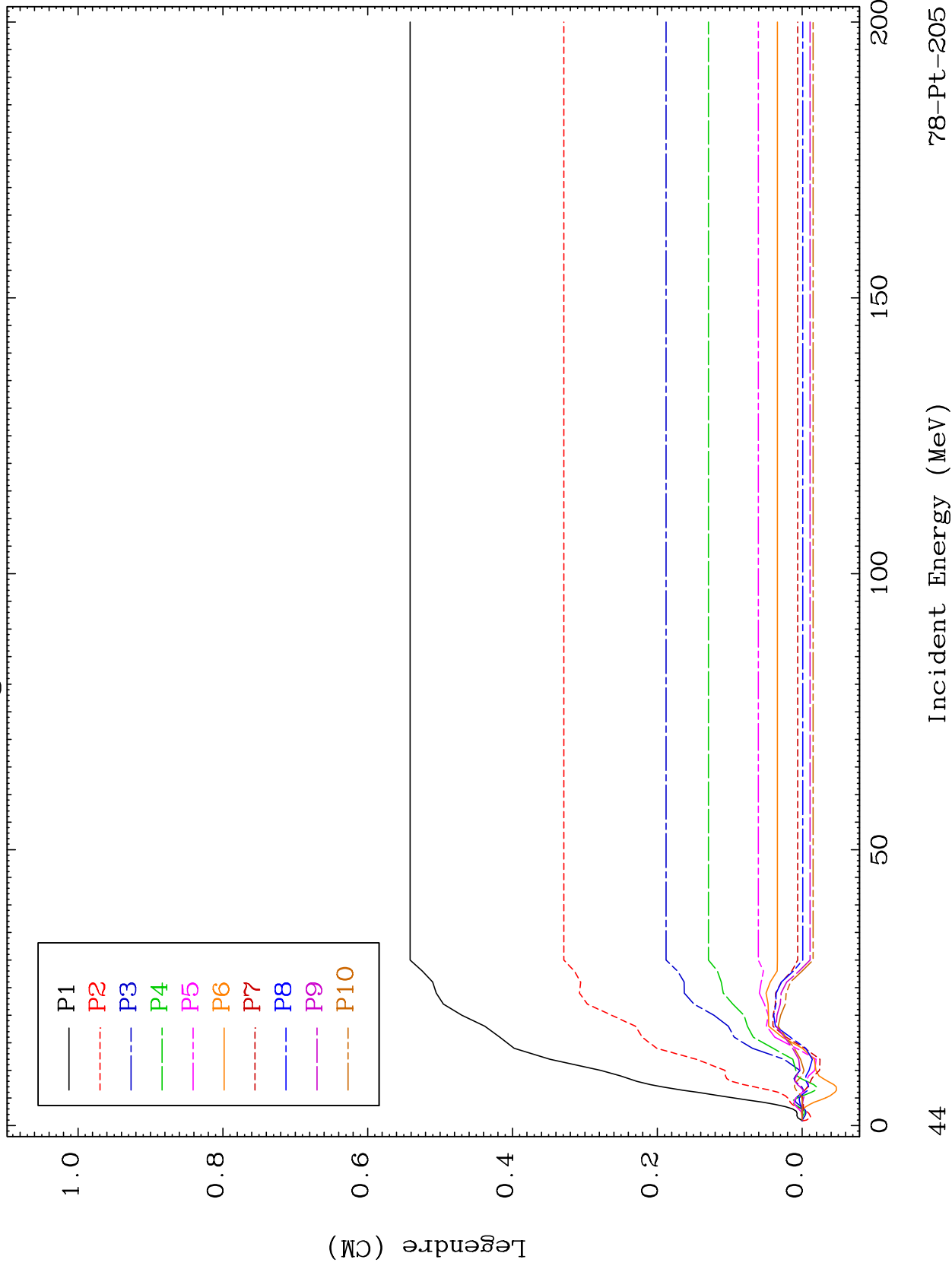




MAT 7870

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

78-Pt-205

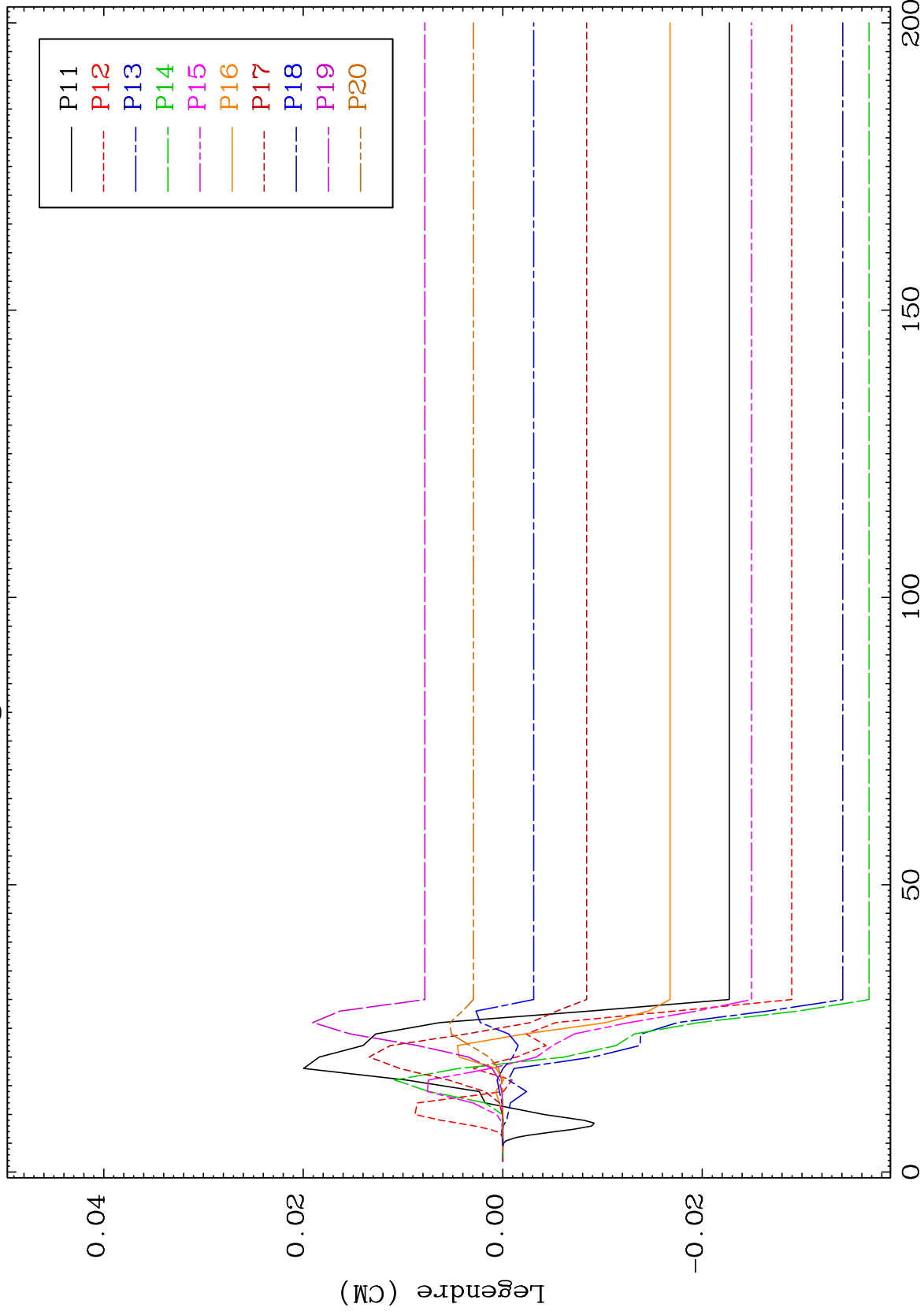


44

MAT 7870

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

78-Pt-205



78-Pt-205

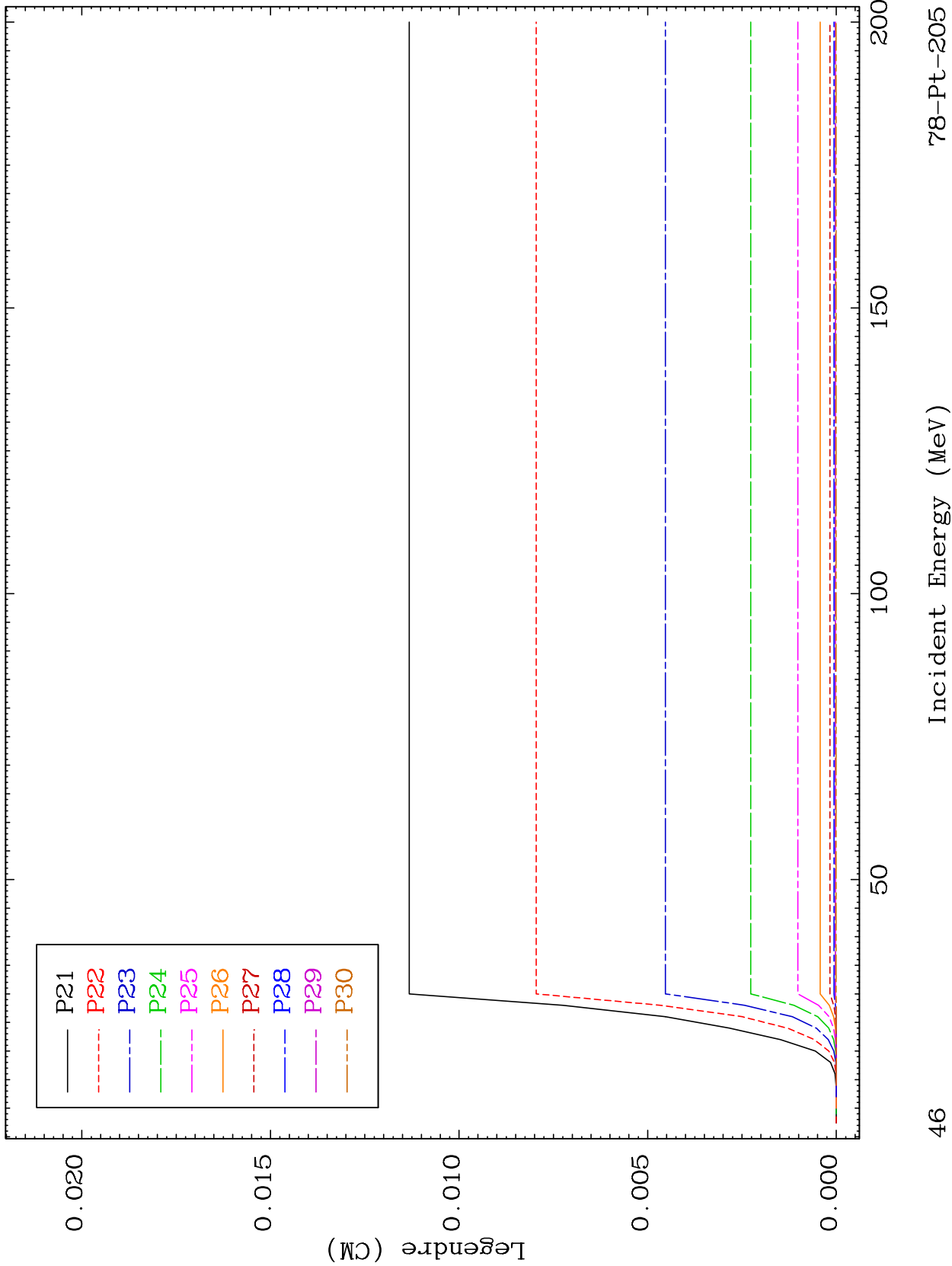
Incident Energy (MeV)

45

MAT 7870

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

78-Pt-205



46

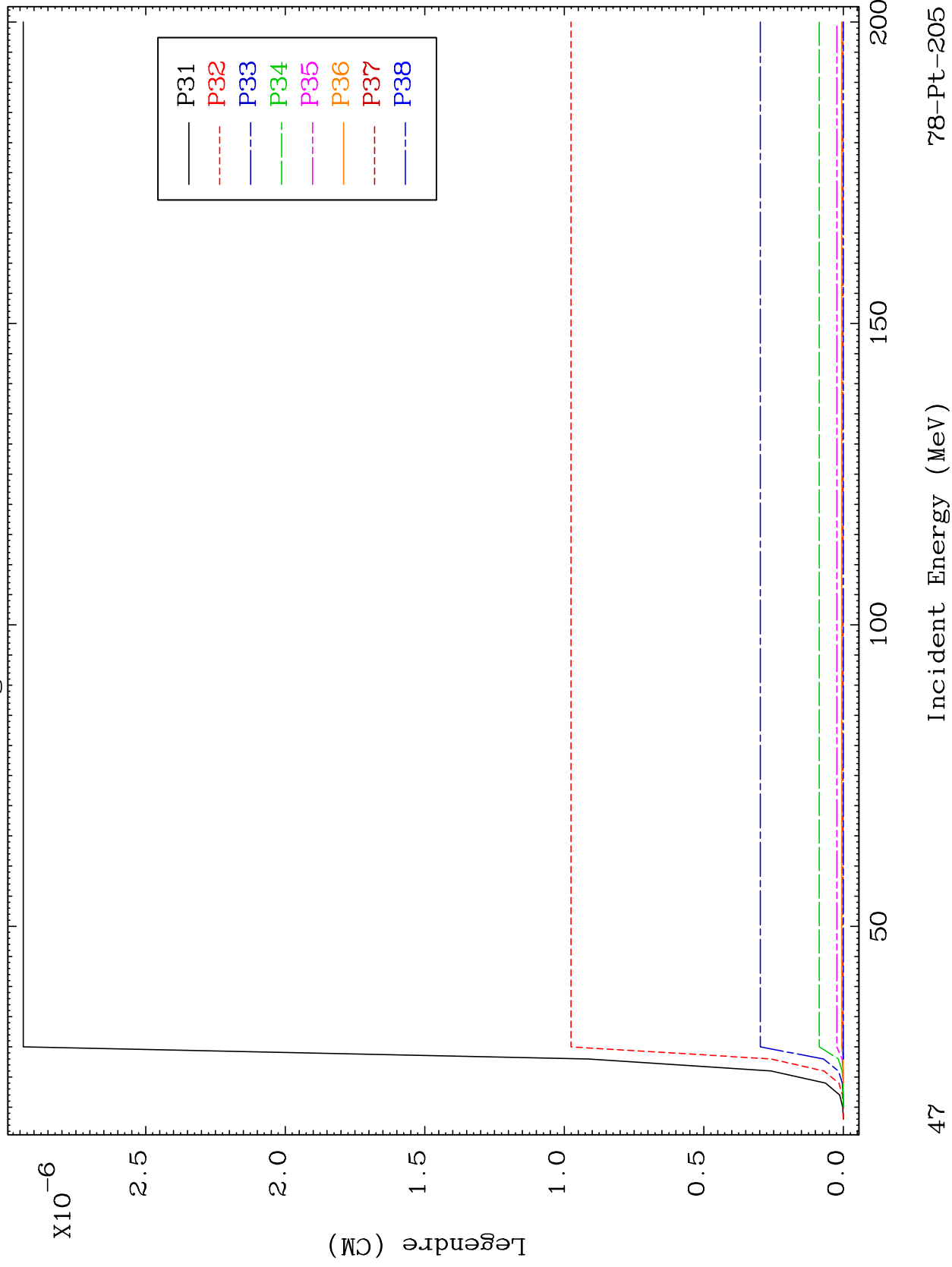
Incident Energy (MeV)

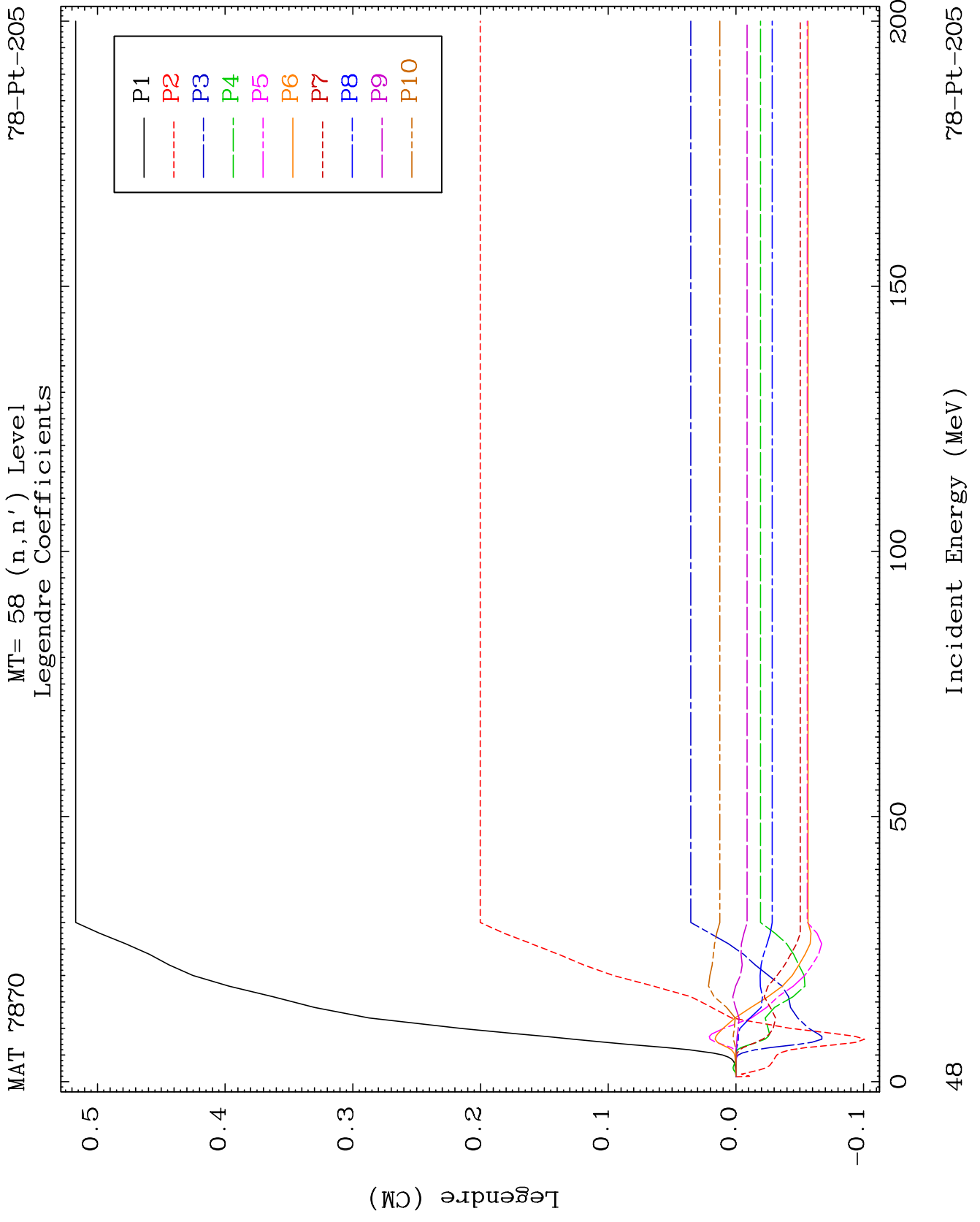
78-Pt-205

MAT 7870

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

78-Pt-205

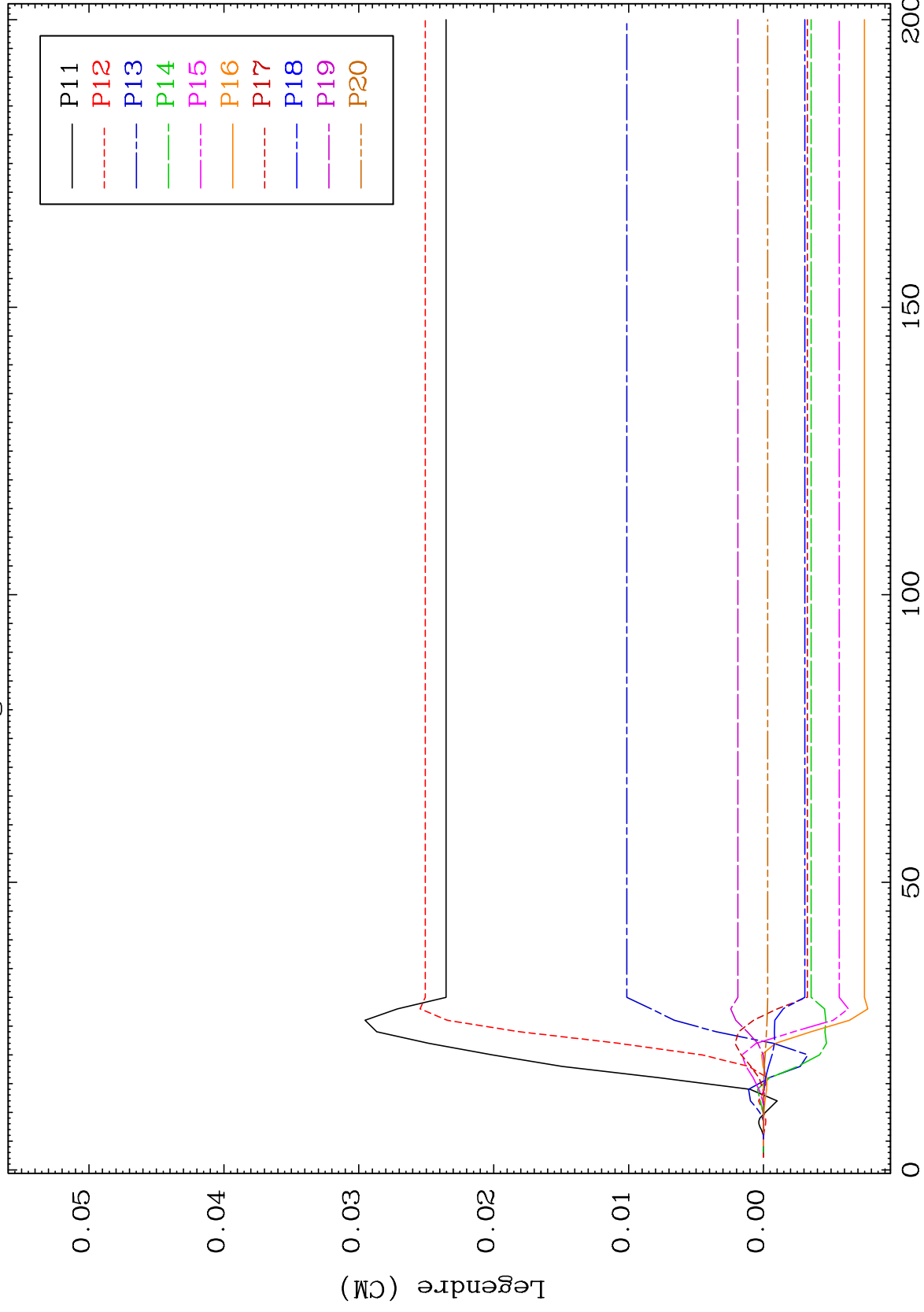




MAT 7870

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

78-Pt-205



49

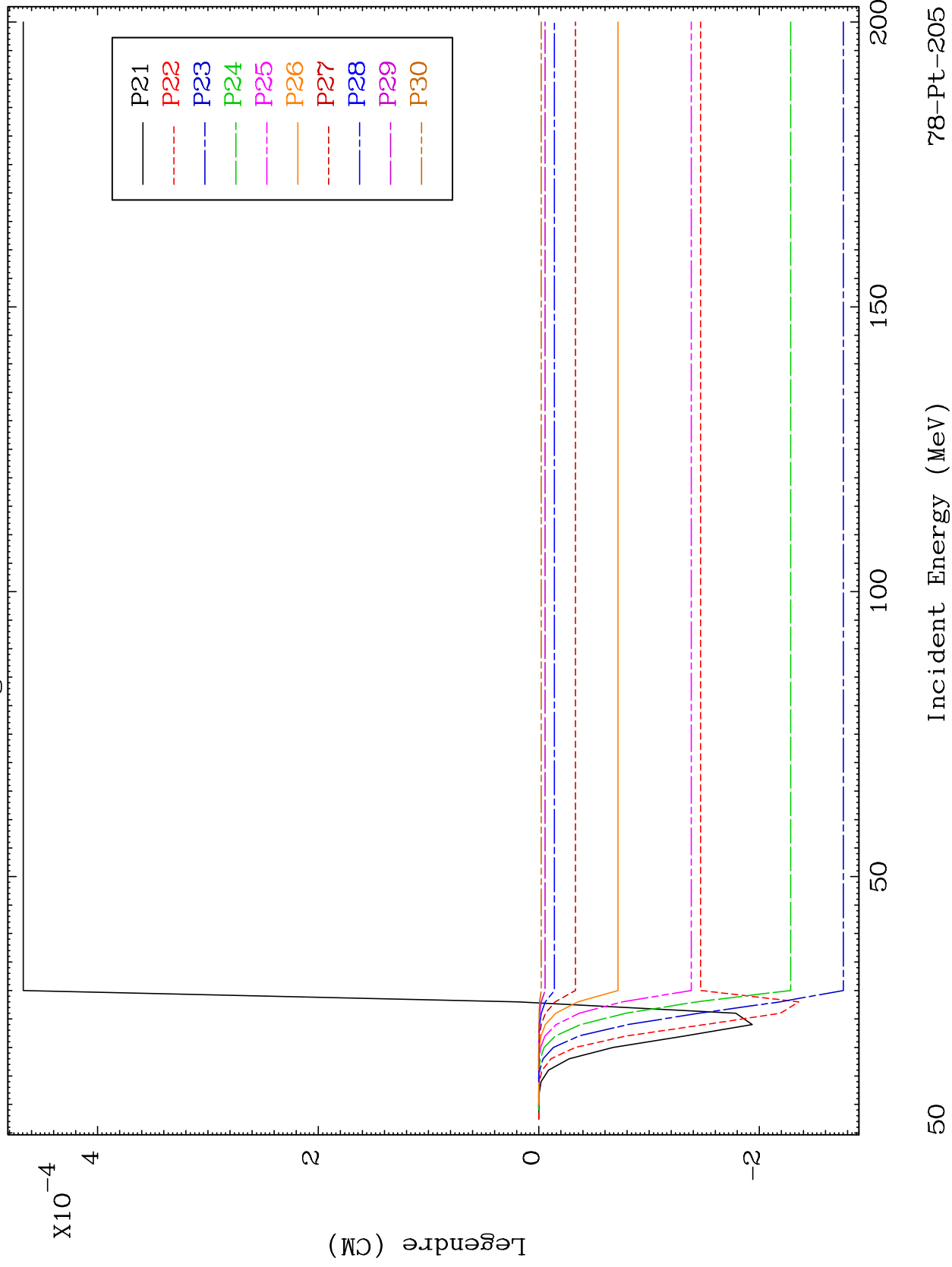
Incident Energy (MeV)

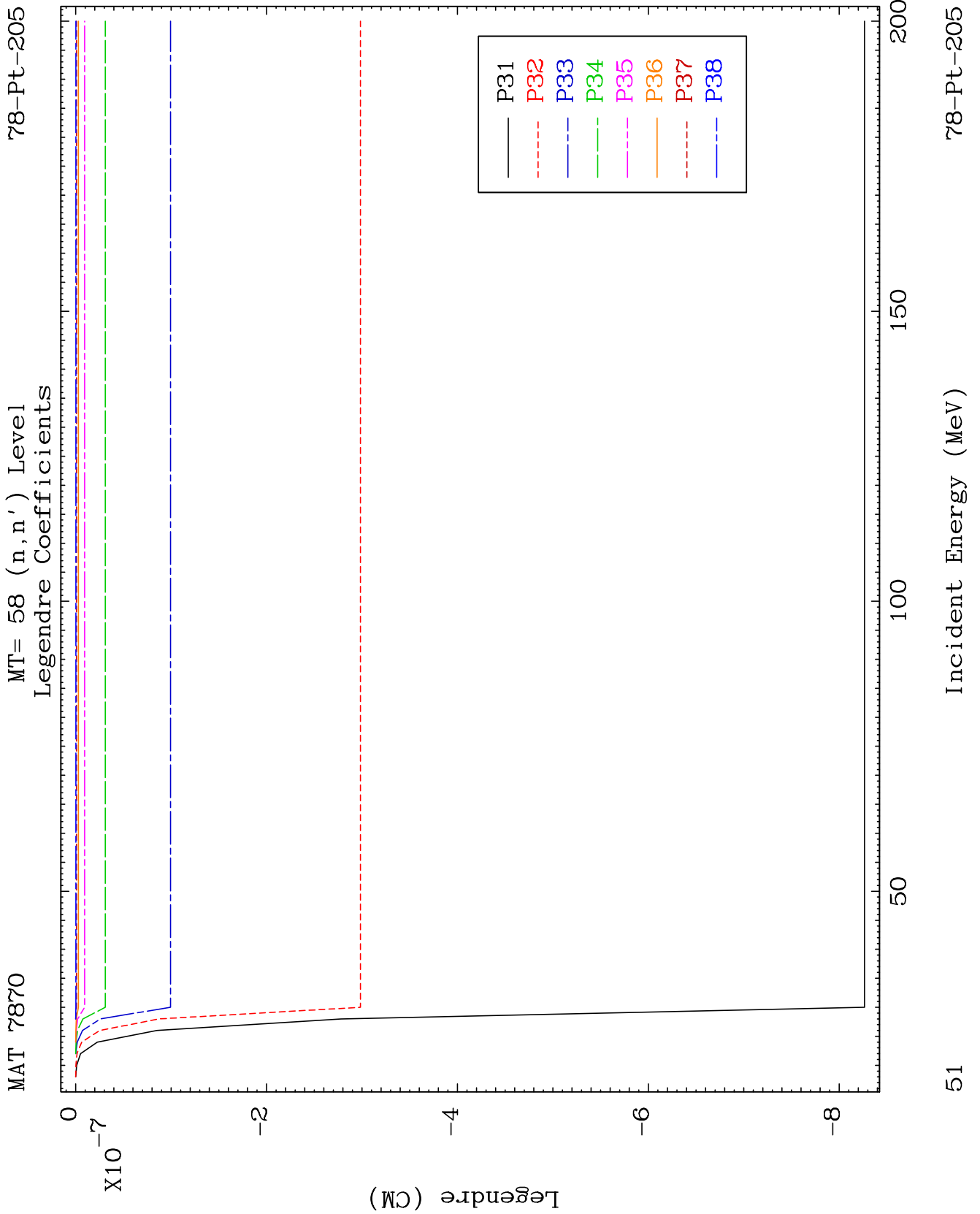
78-Pt-205

MAT 7870

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

78-Pt-205

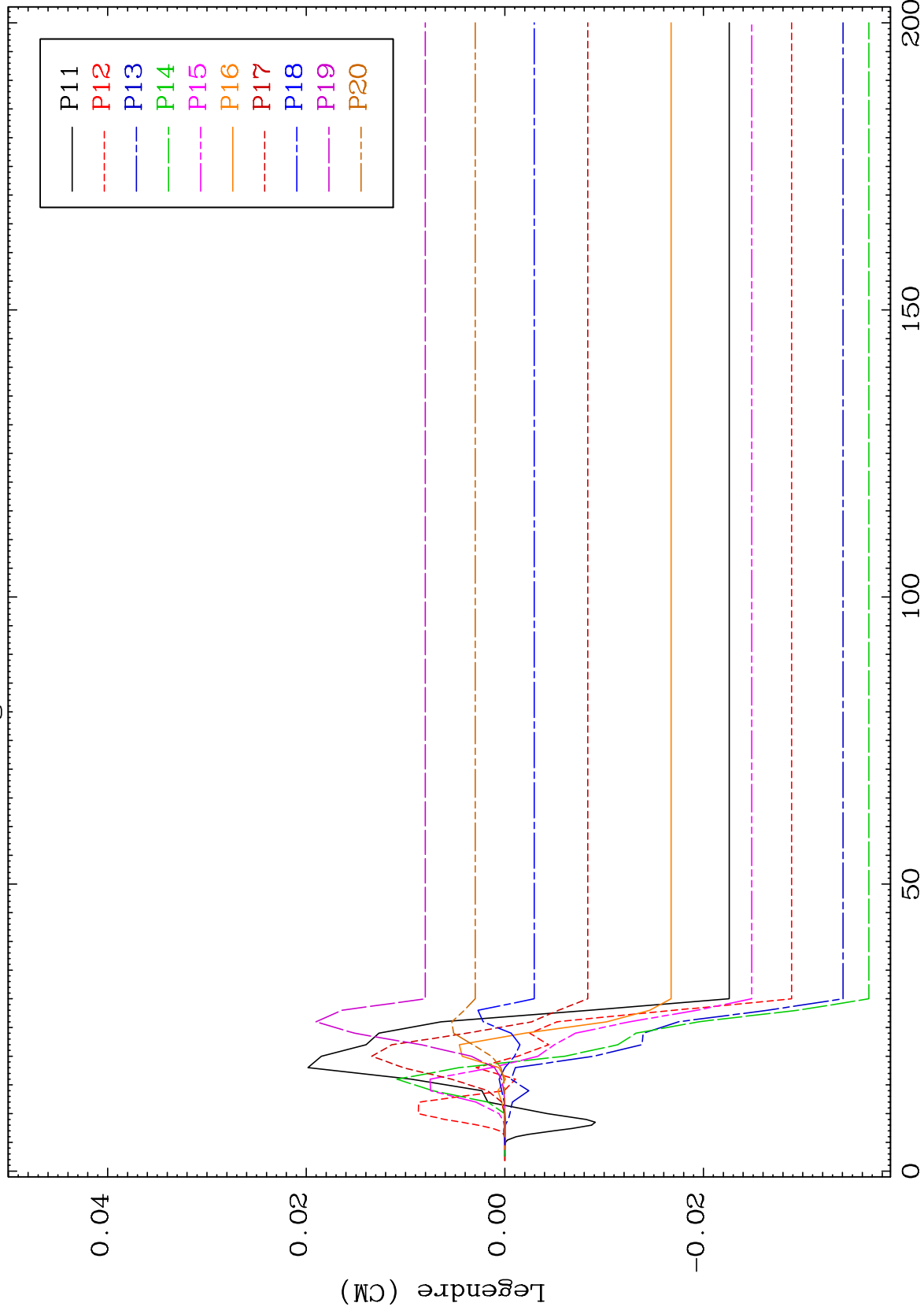




MAT 7870

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

78-Pt-205



53

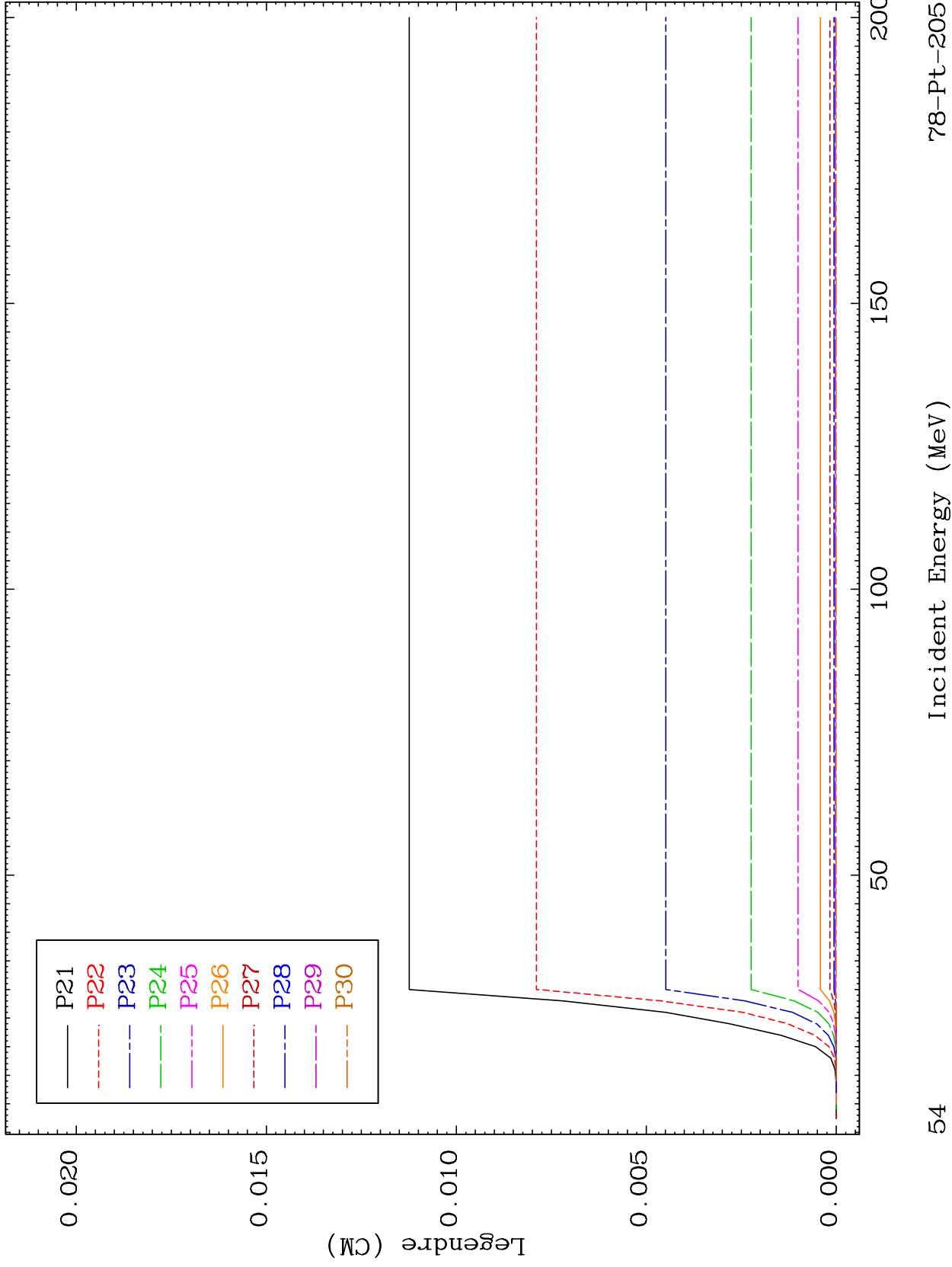
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

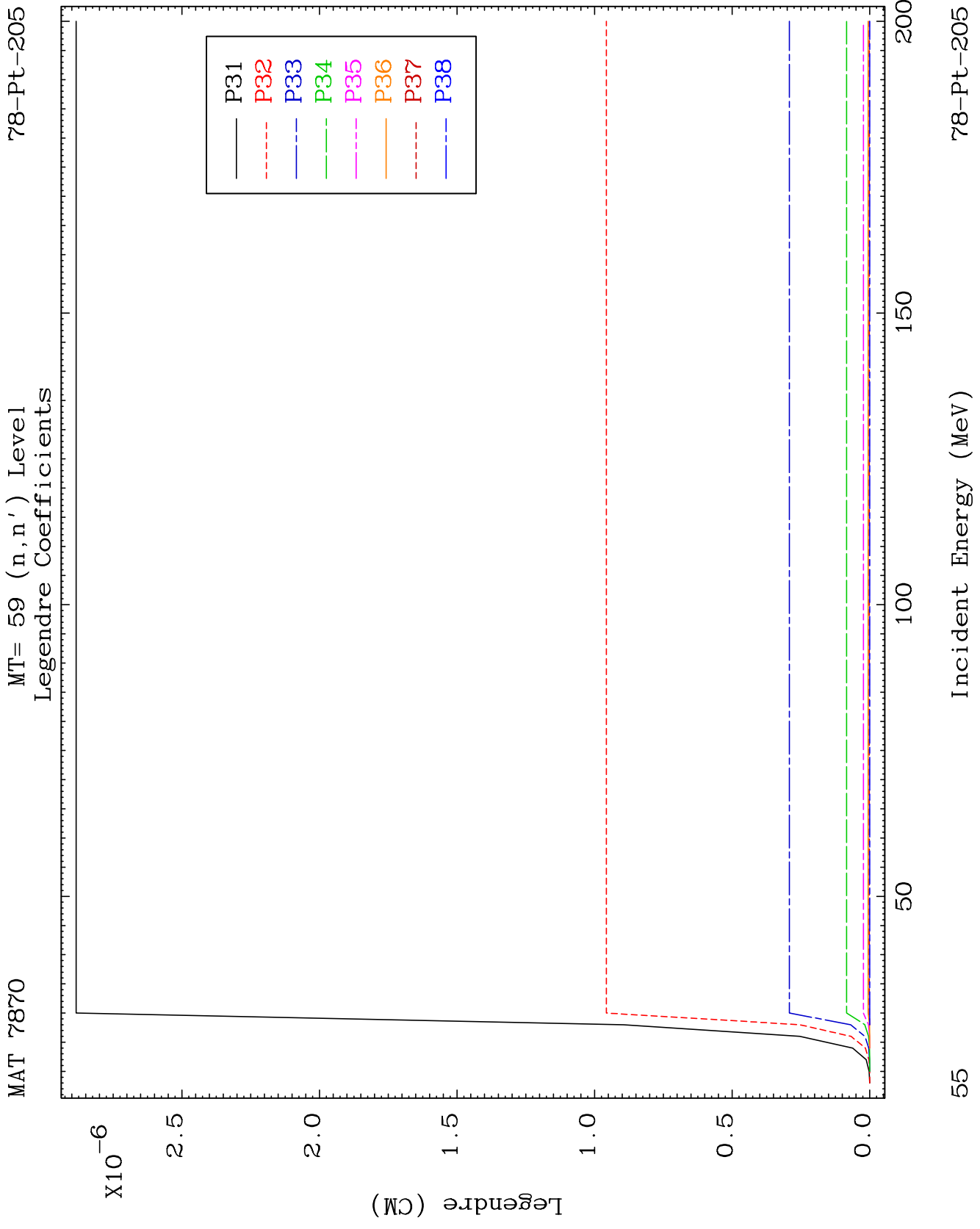
78-Pt-205



54

Incident Energy (MeV)

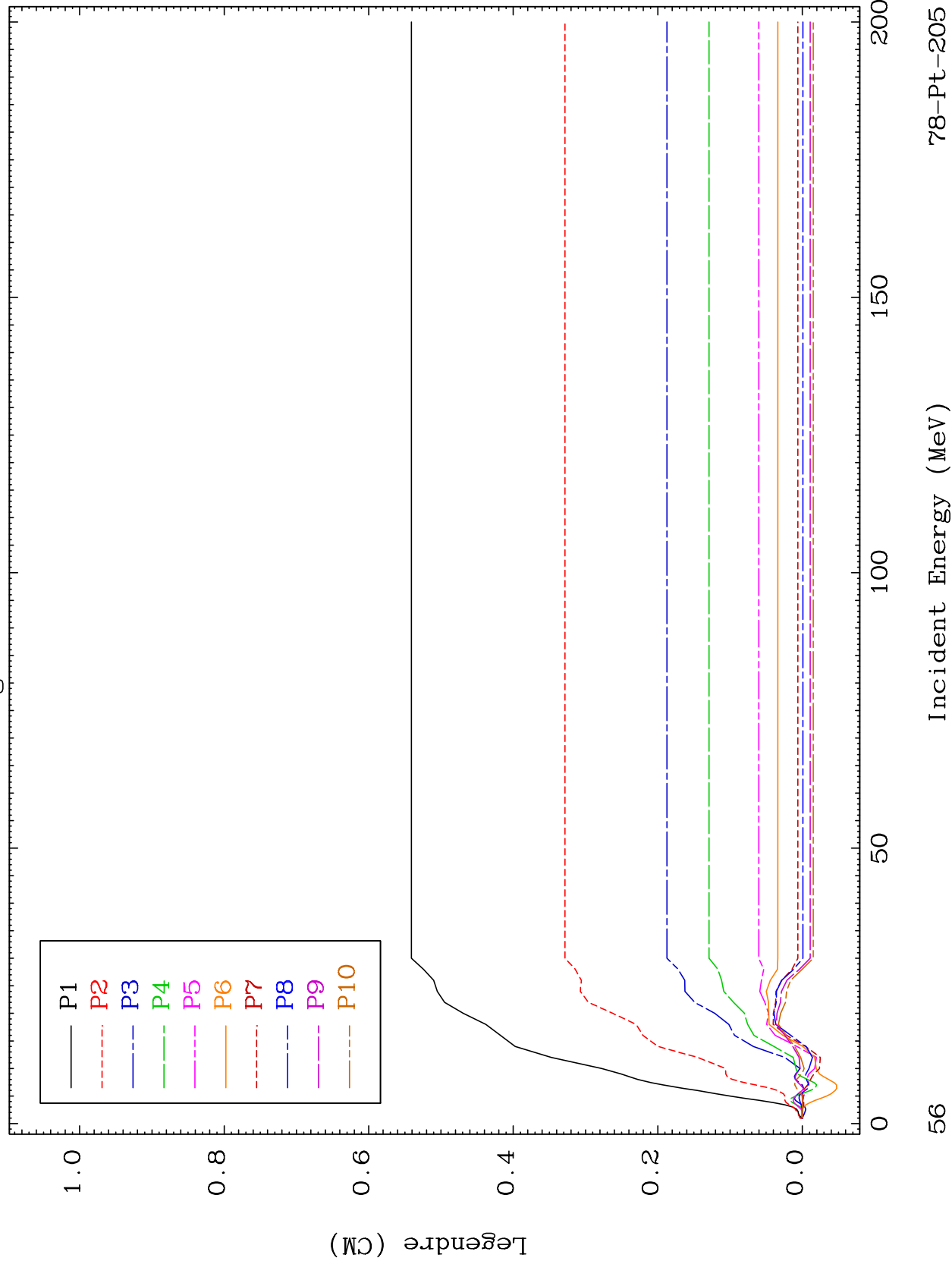
78-Pt-205



MAT 7870

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

78-Pt-205



56

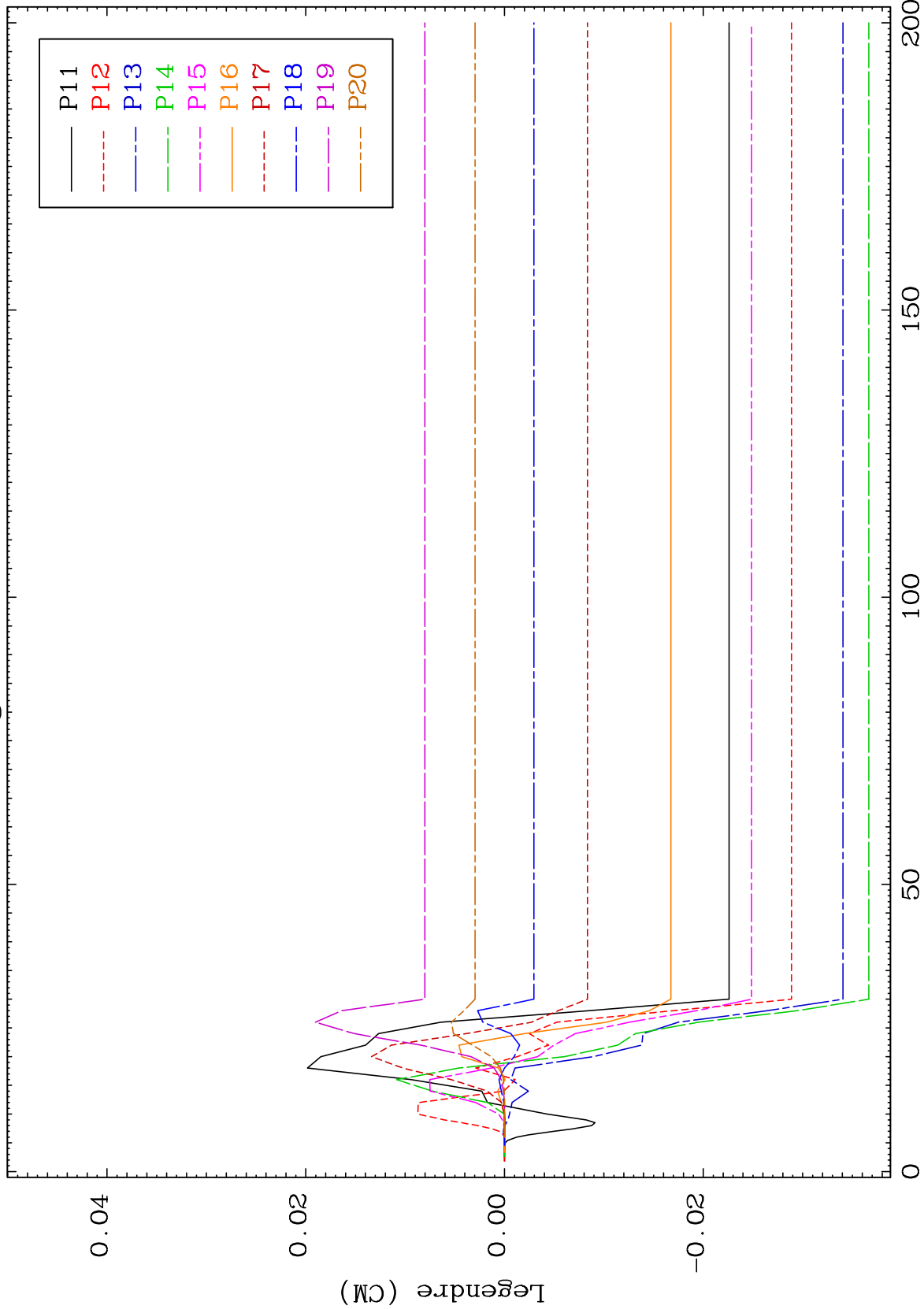
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



57

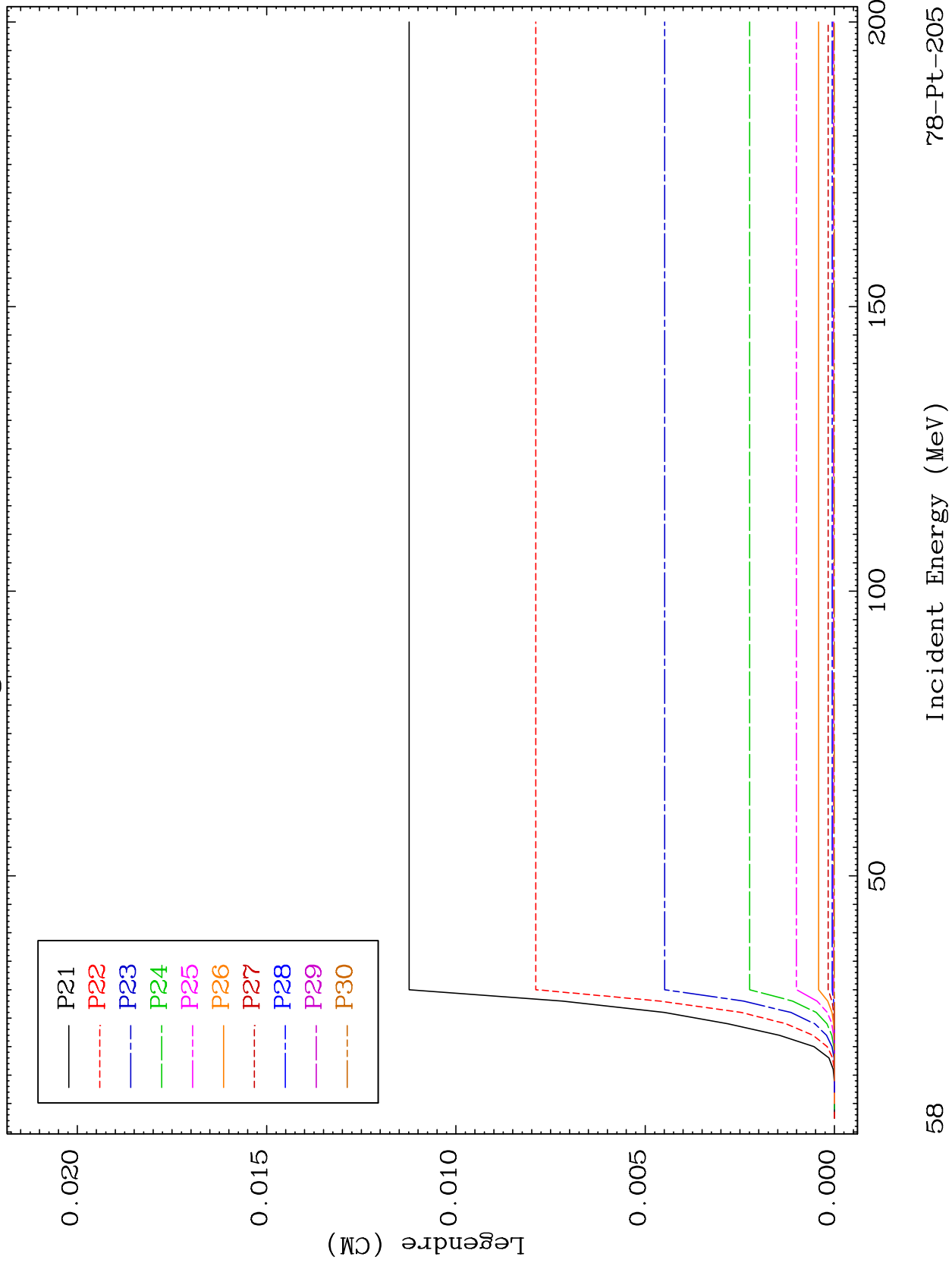
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



58

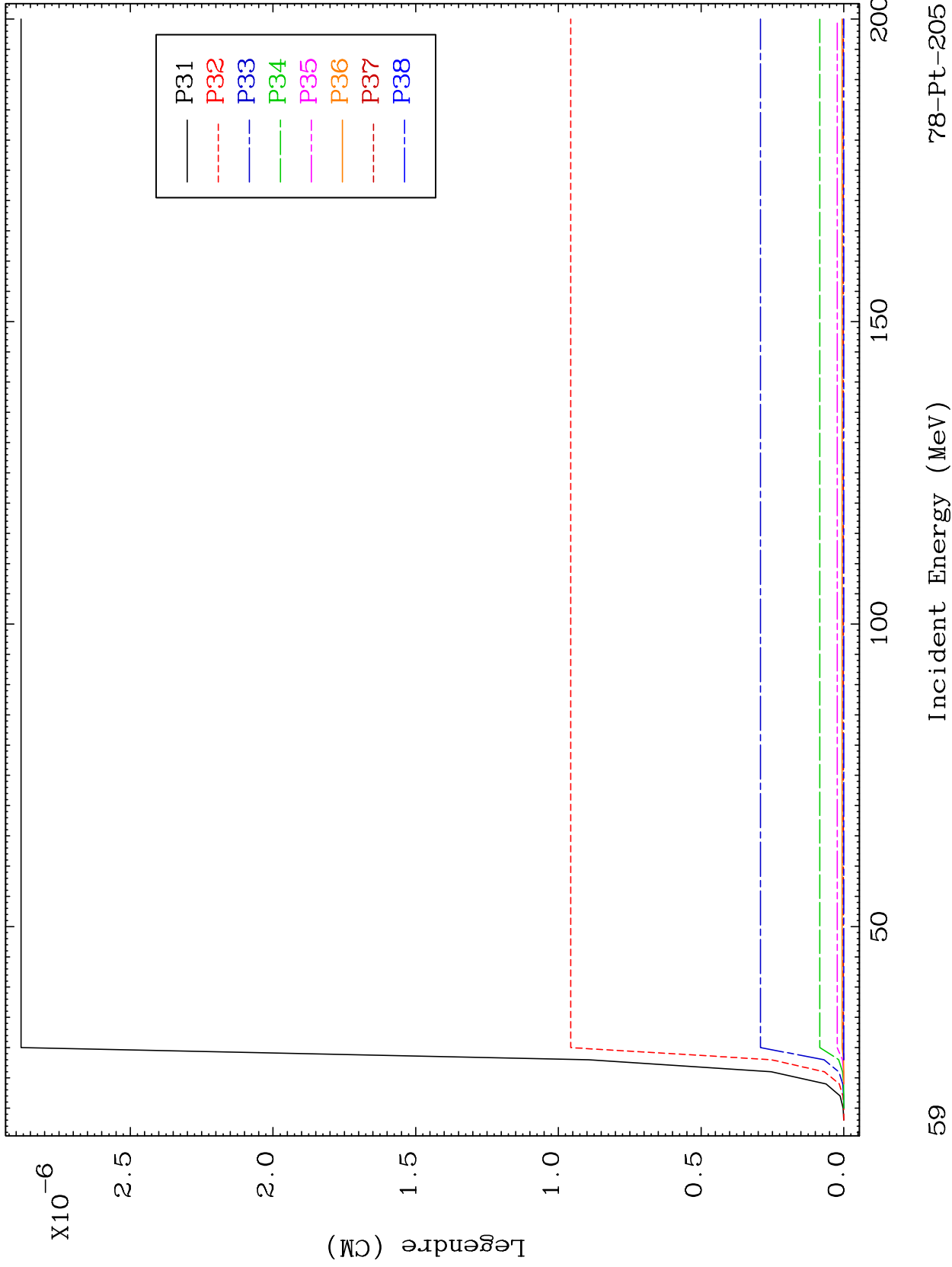
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

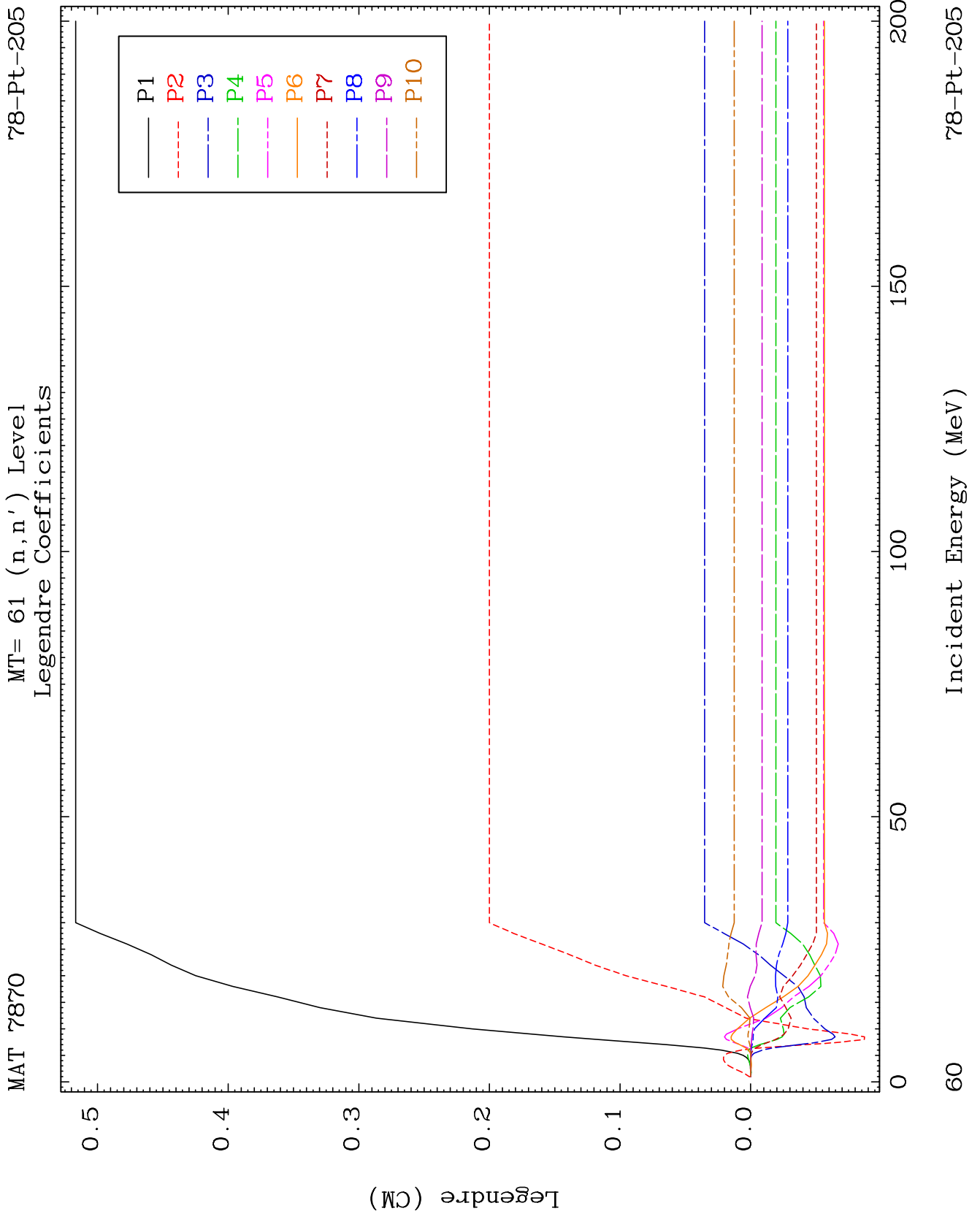
78-Pt-205



59

Incident Energy (MeV)

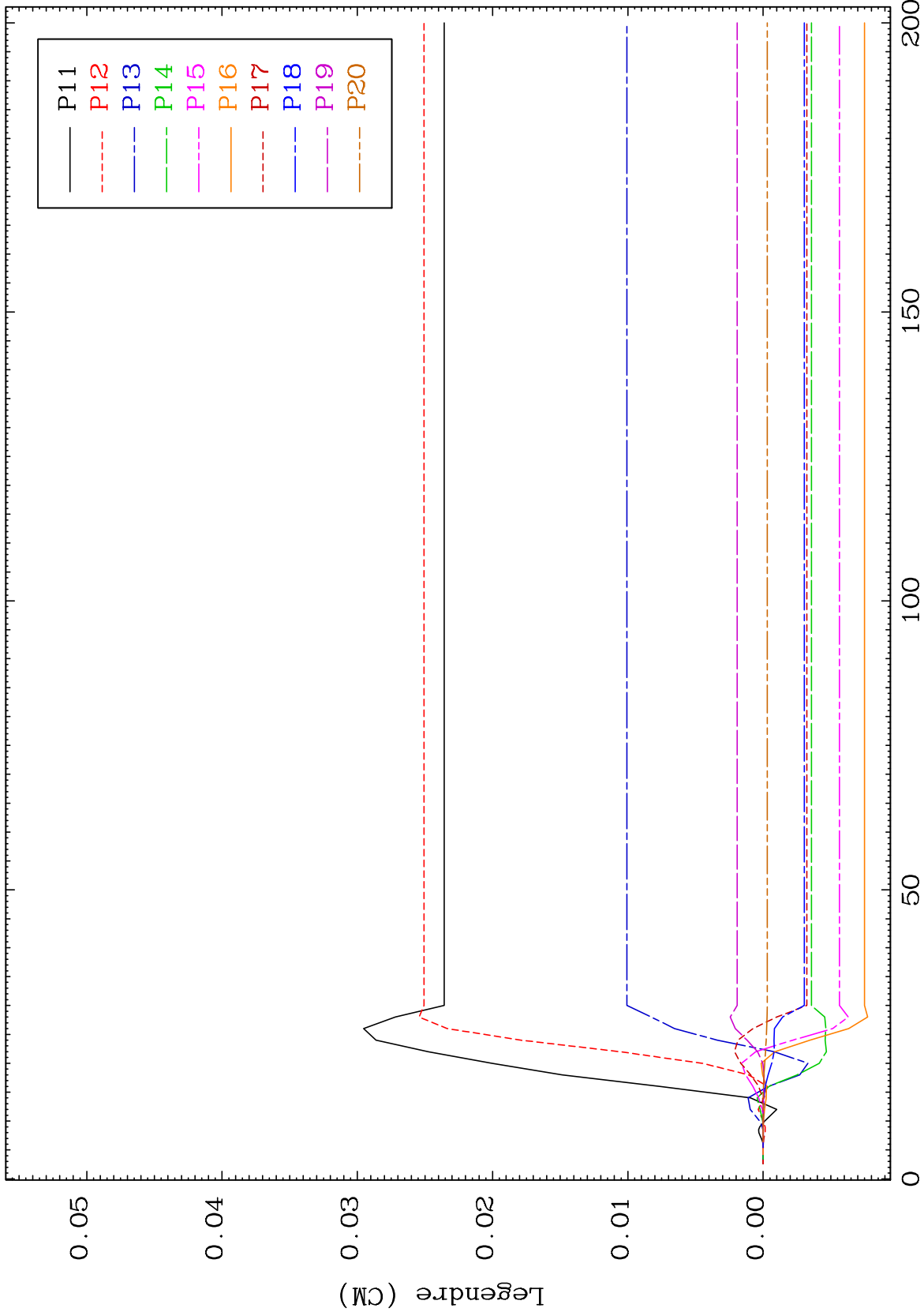
78-Pt-205



MAT 7870

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

78-Pt-205



61

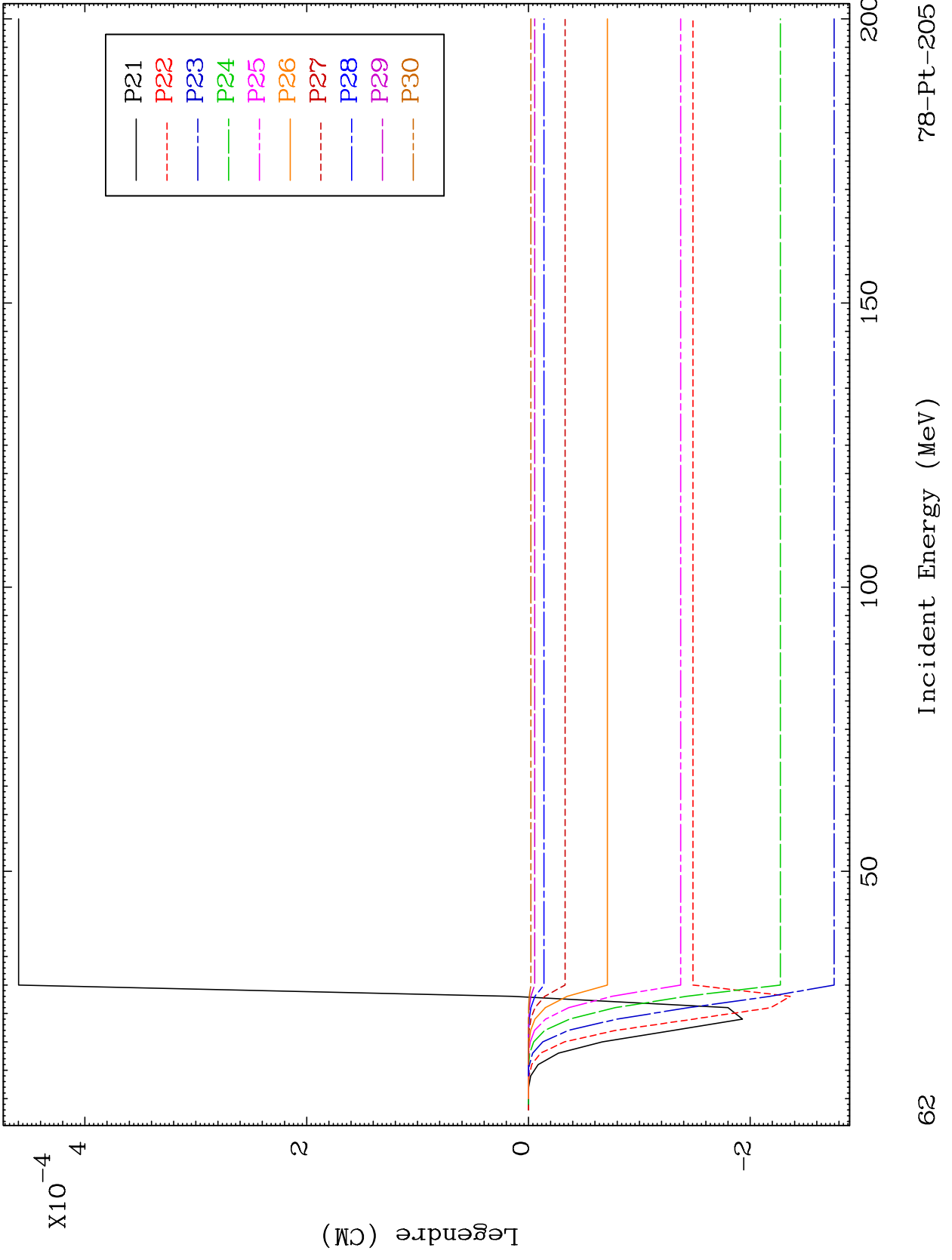
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

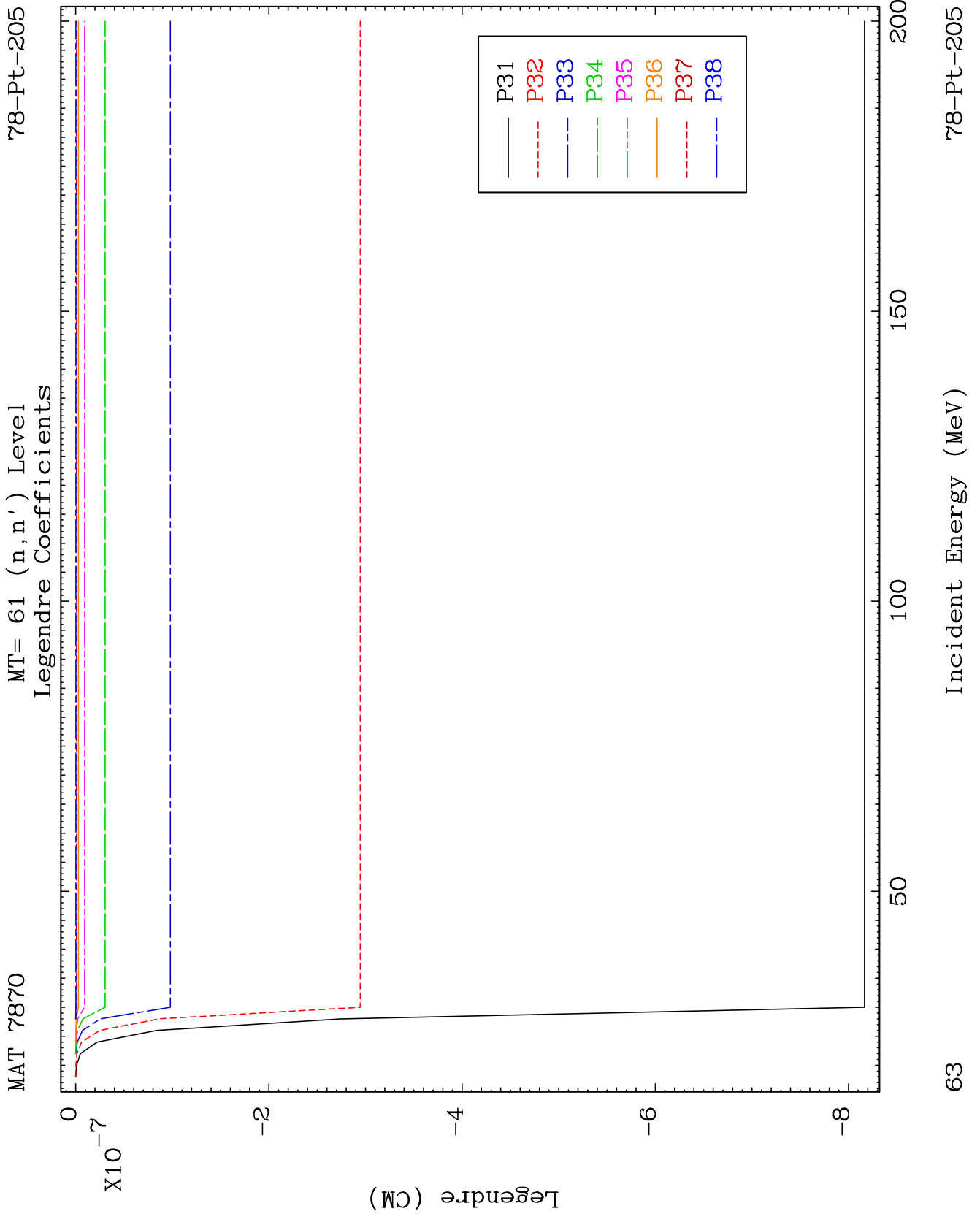
78-Pt-205



62

Incident Energy (MeV)

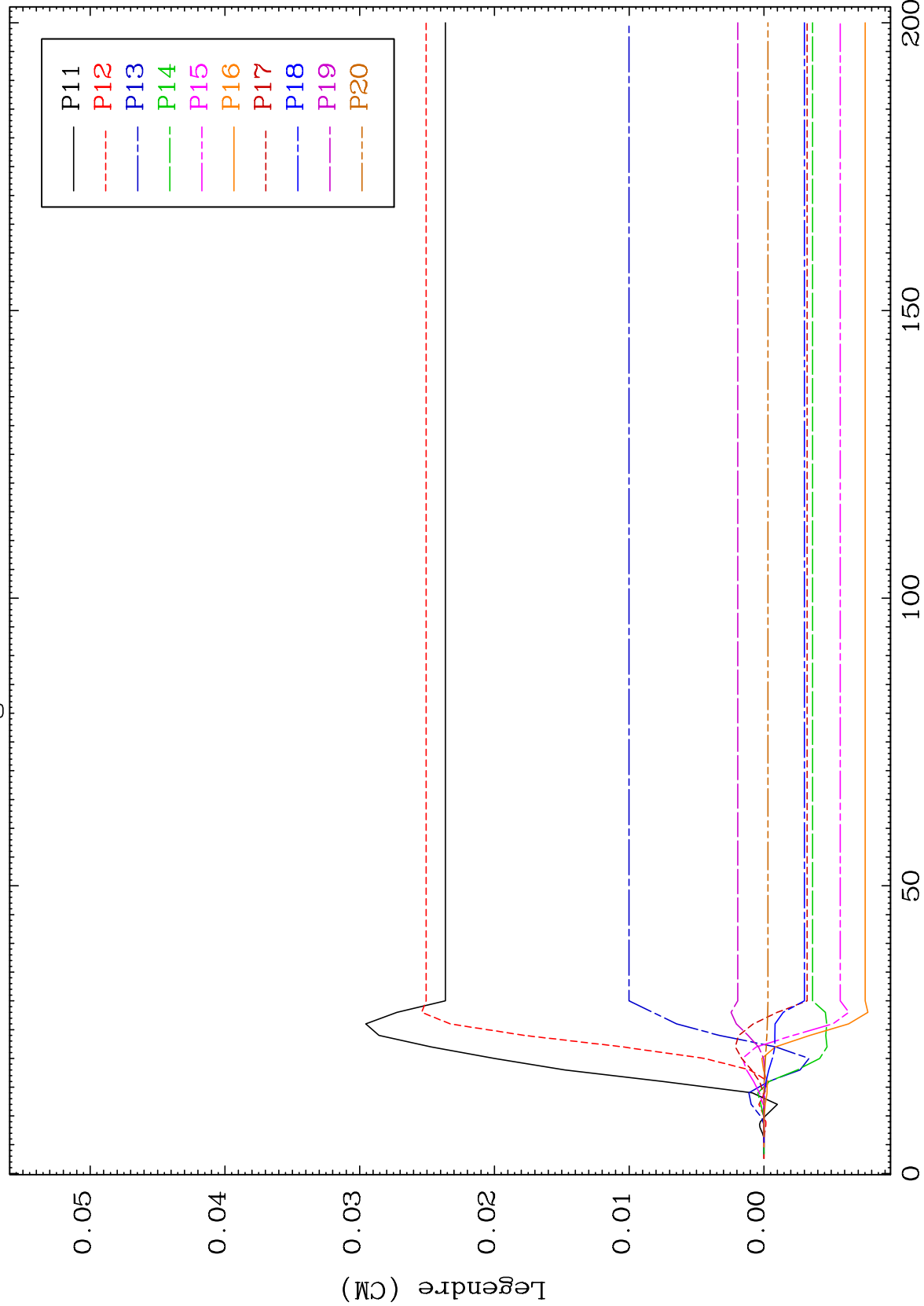
78-Pt-205



MAT 7870

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

78-Pt-205



65

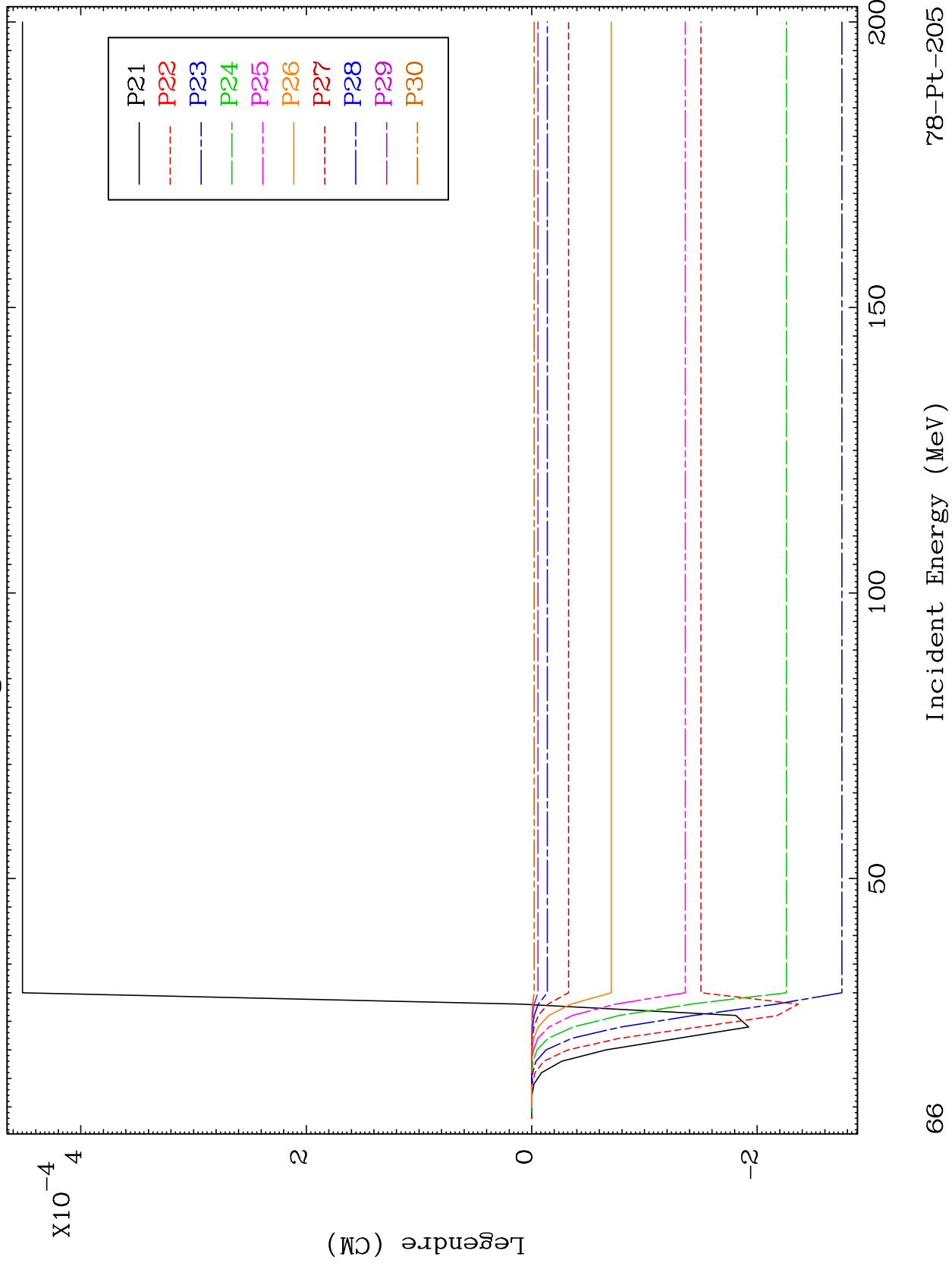
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

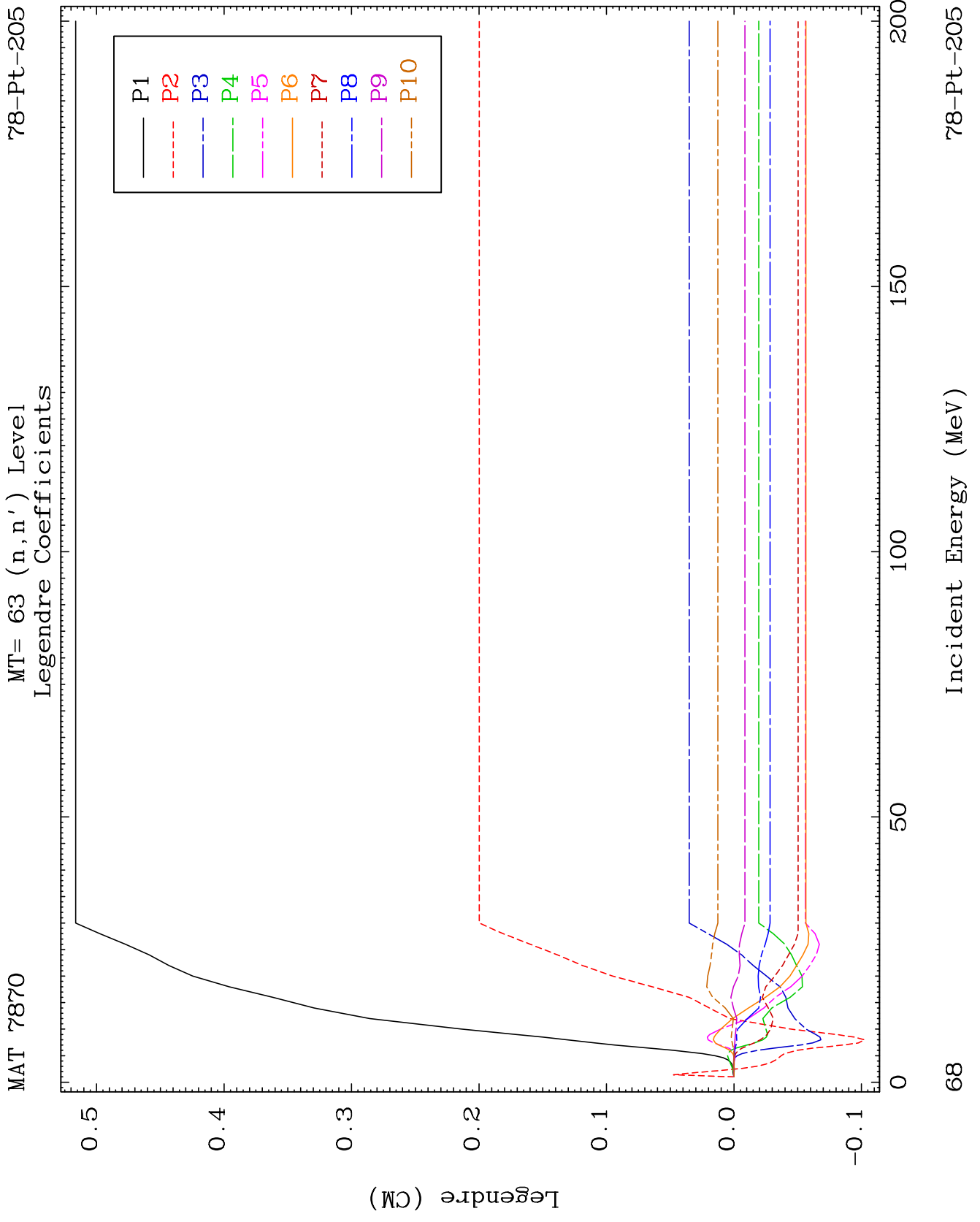
78-Pt-205



66

Incident Energy (MeV)

78-Pt-205



78-Pt-205

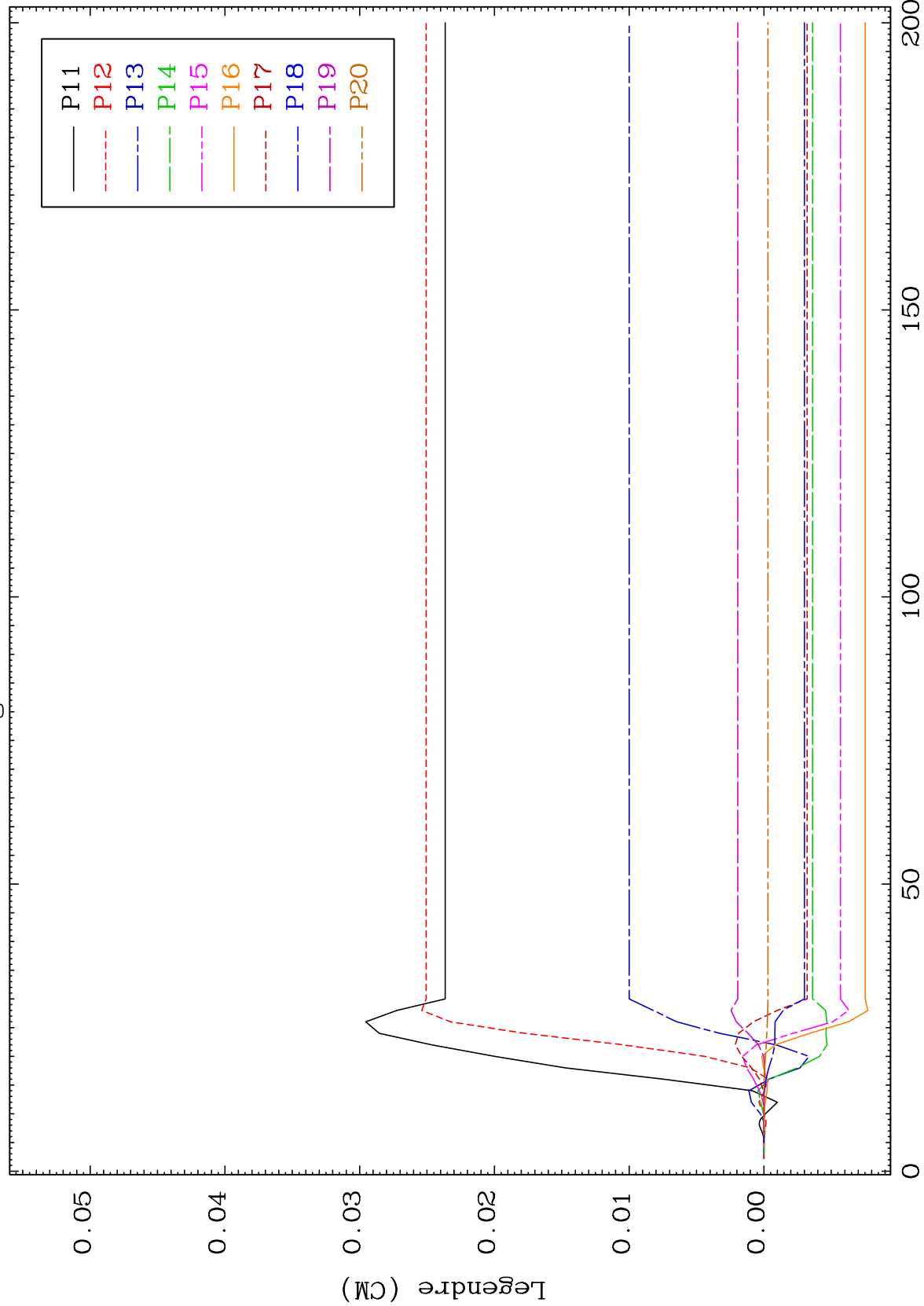
Incident Energy (MeV)

68

MAT 7870

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

78-Pt-205



69

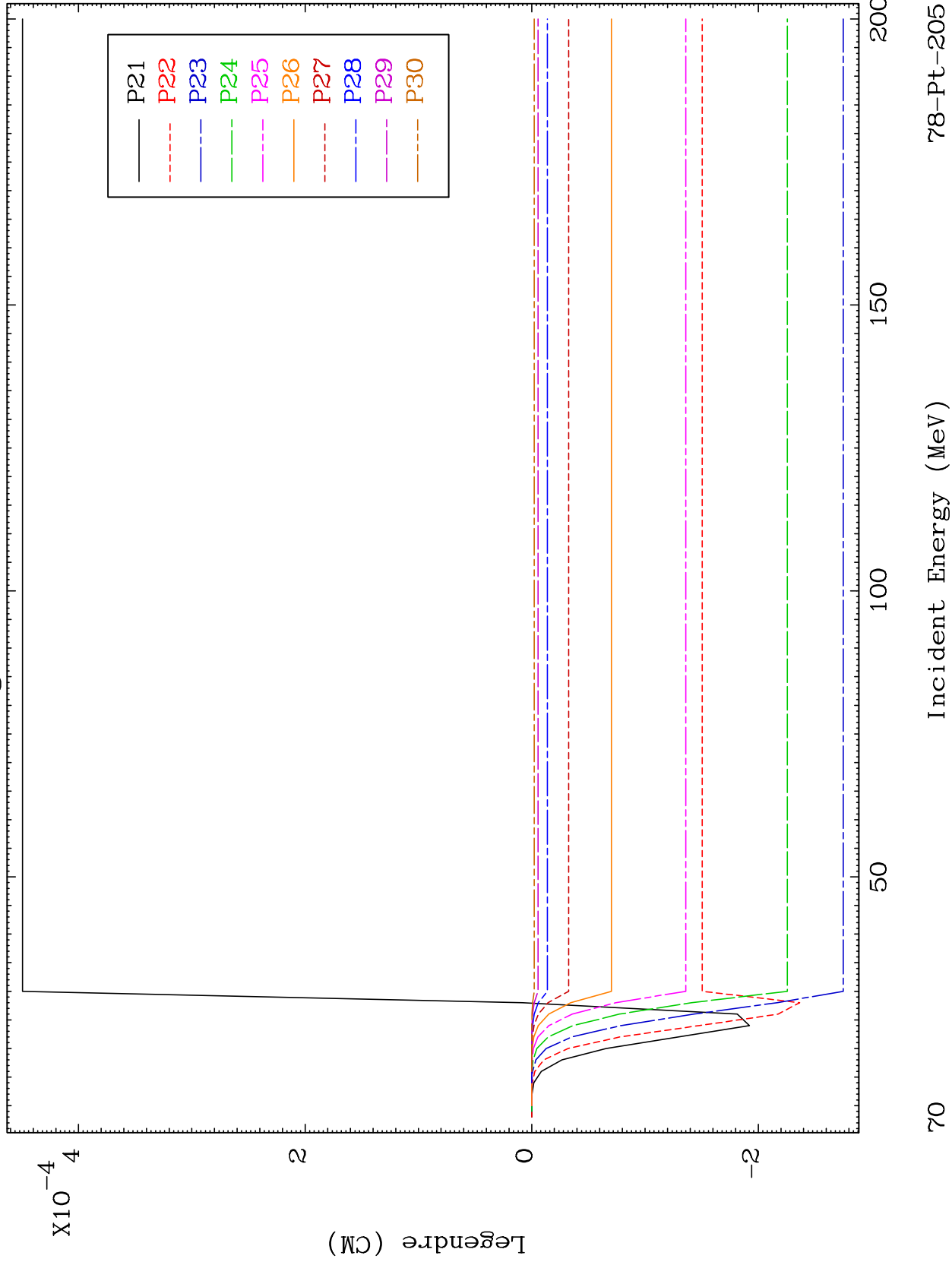
Incident Energy (MeV)

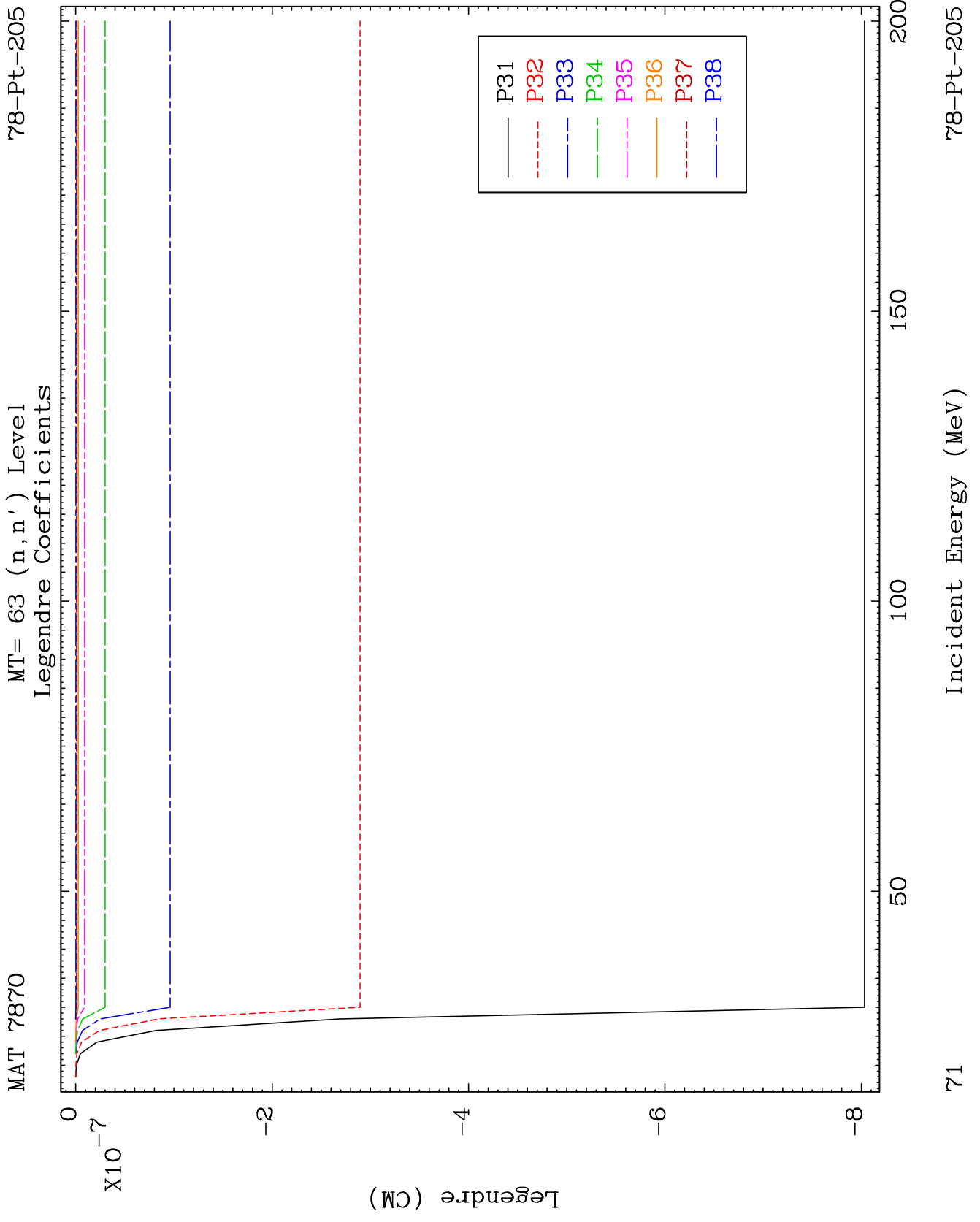
78-Pt-205

MAT 7870

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

78-Pt-205

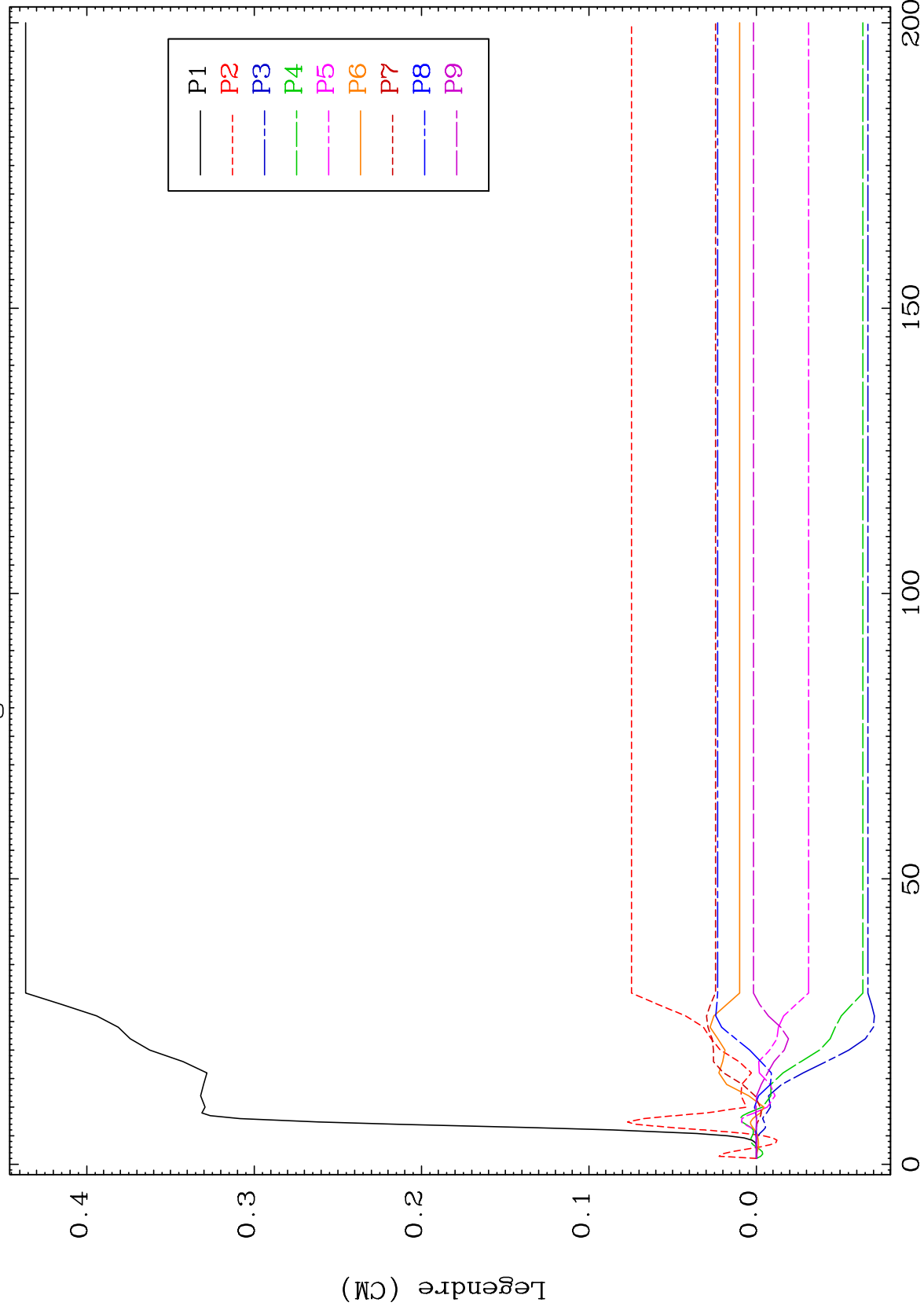




MAT 7870

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

78-Pt-205



72

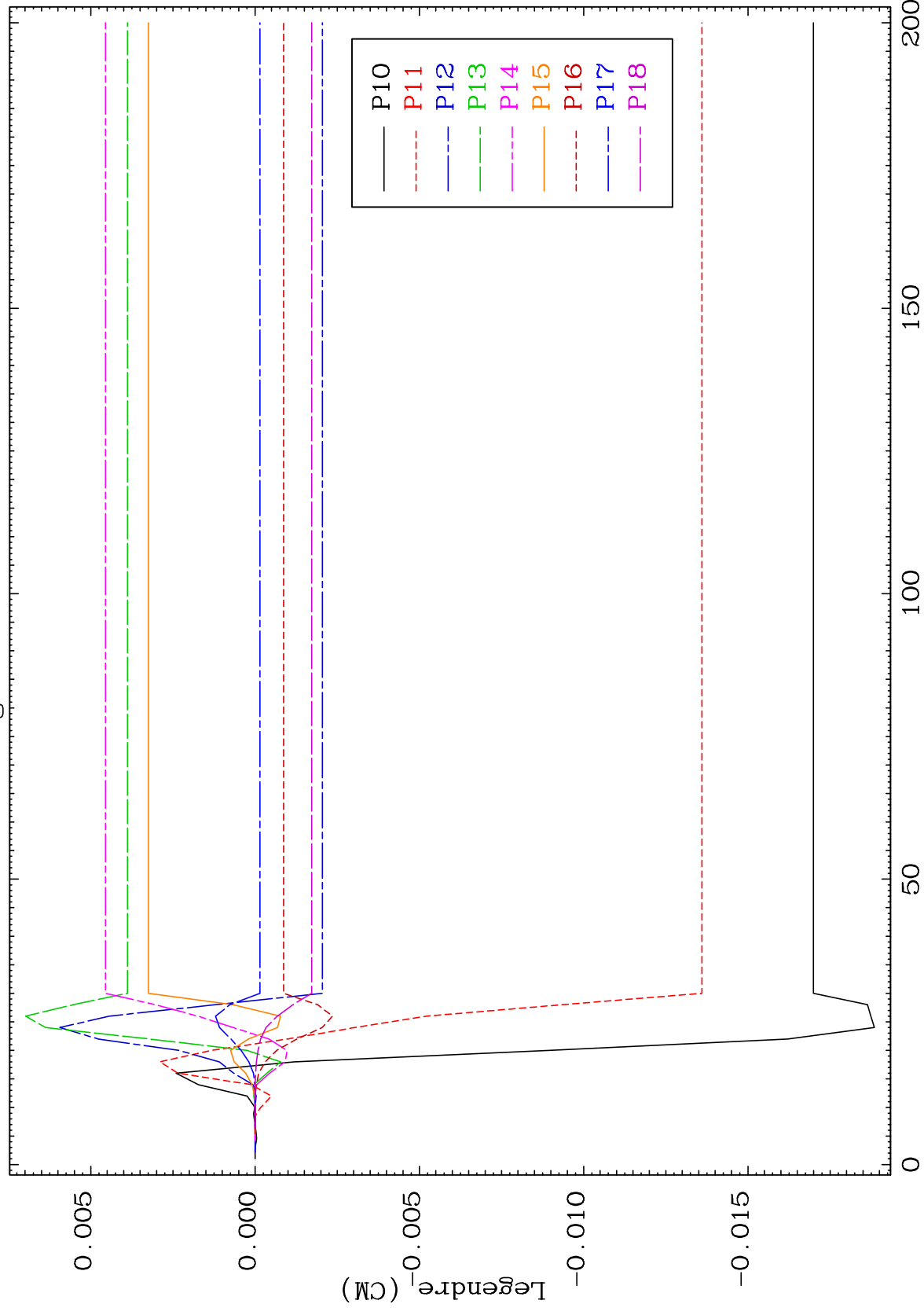
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



73

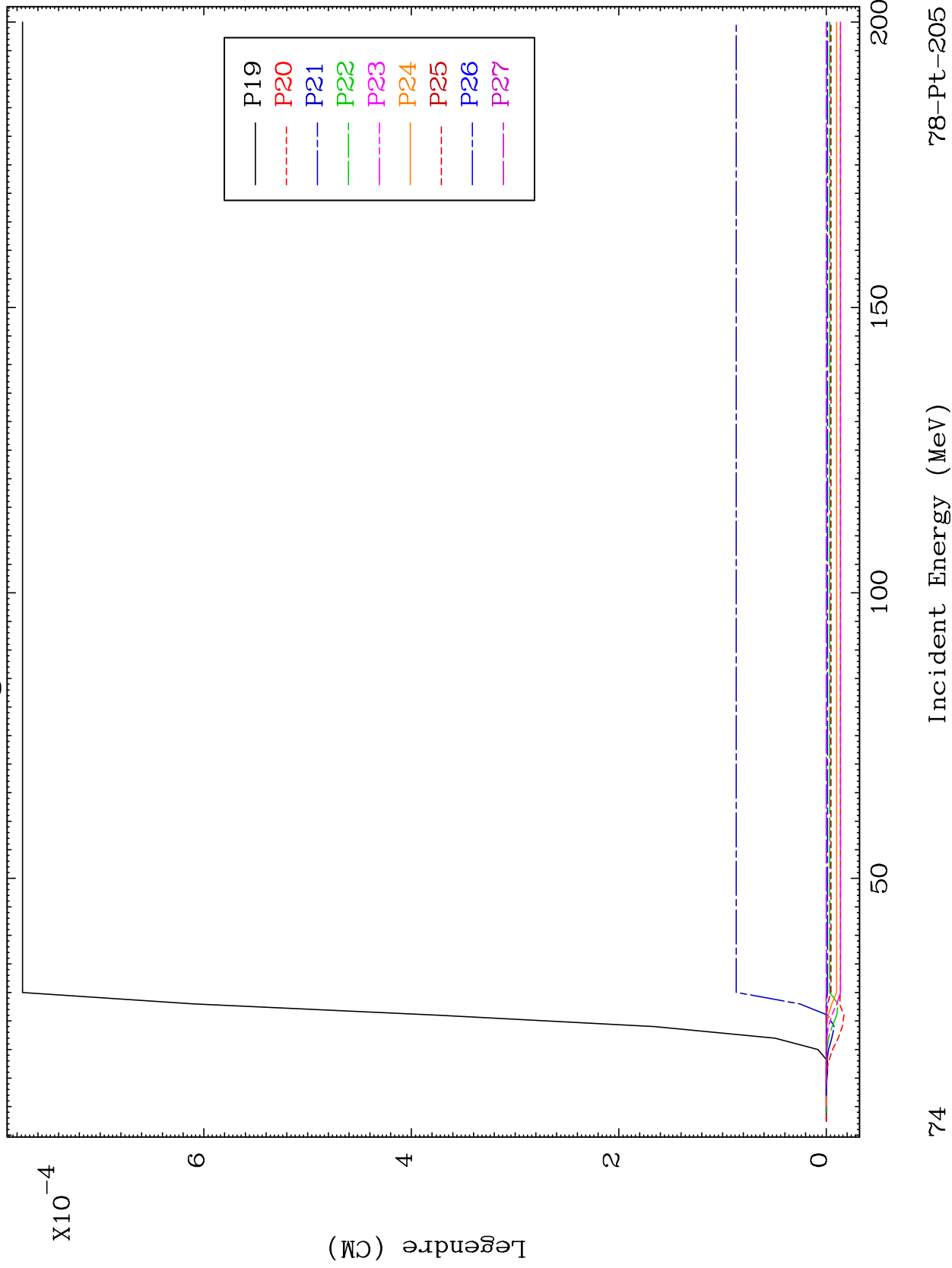
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

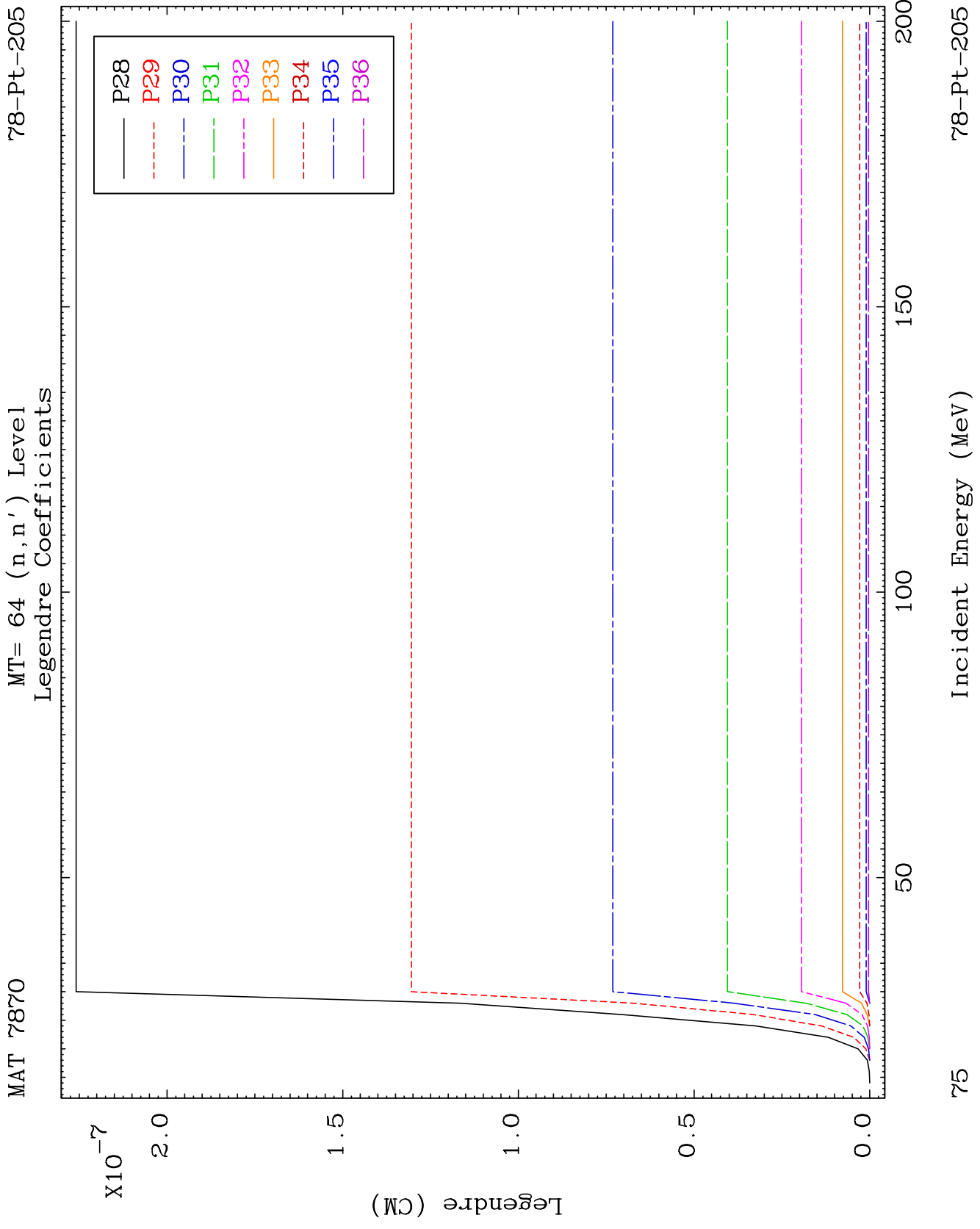
78-Pt-205



74

Incident Energy (MeV)

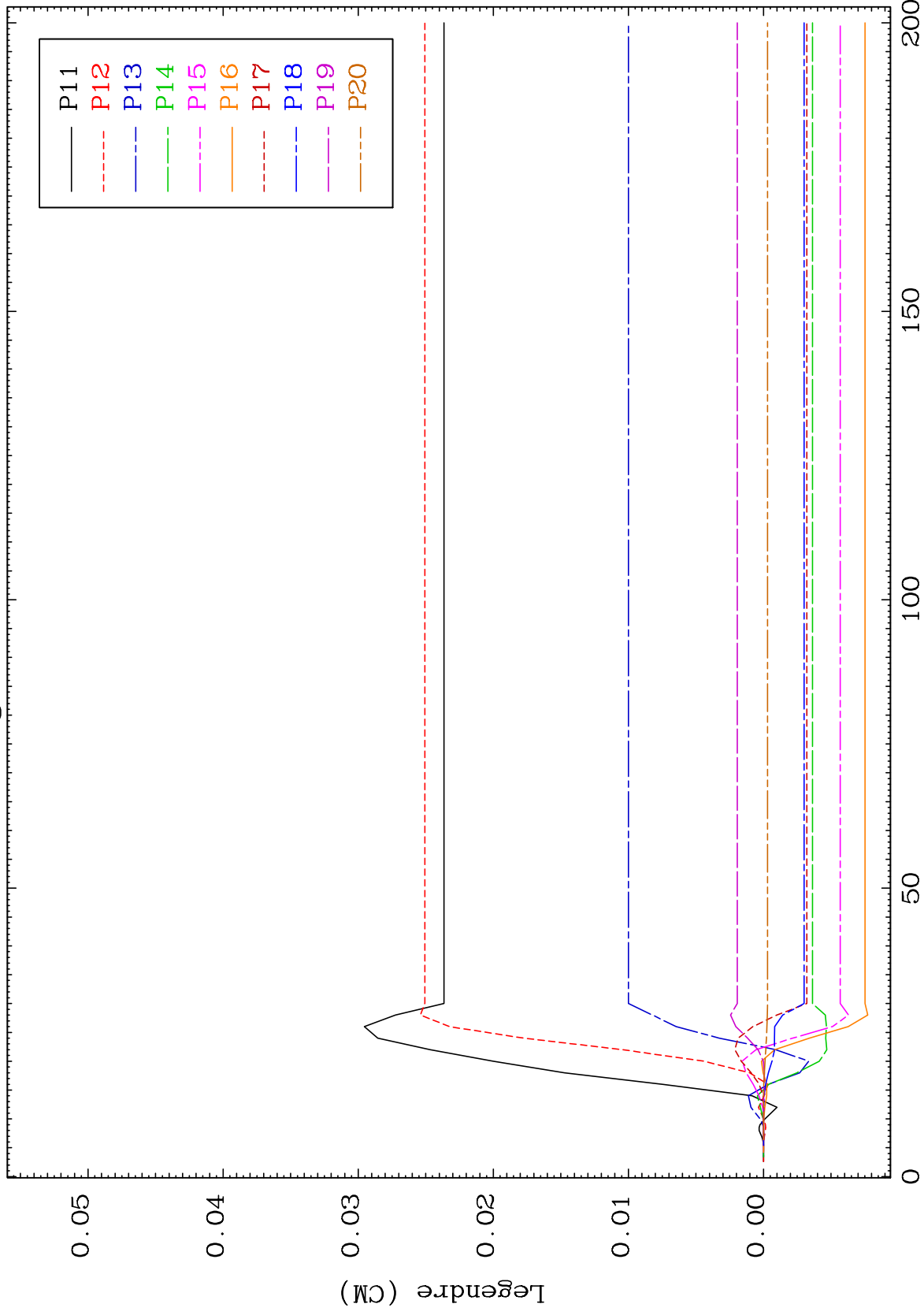
78-Pt-205



MAT 7870

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

78-Pt-205



77

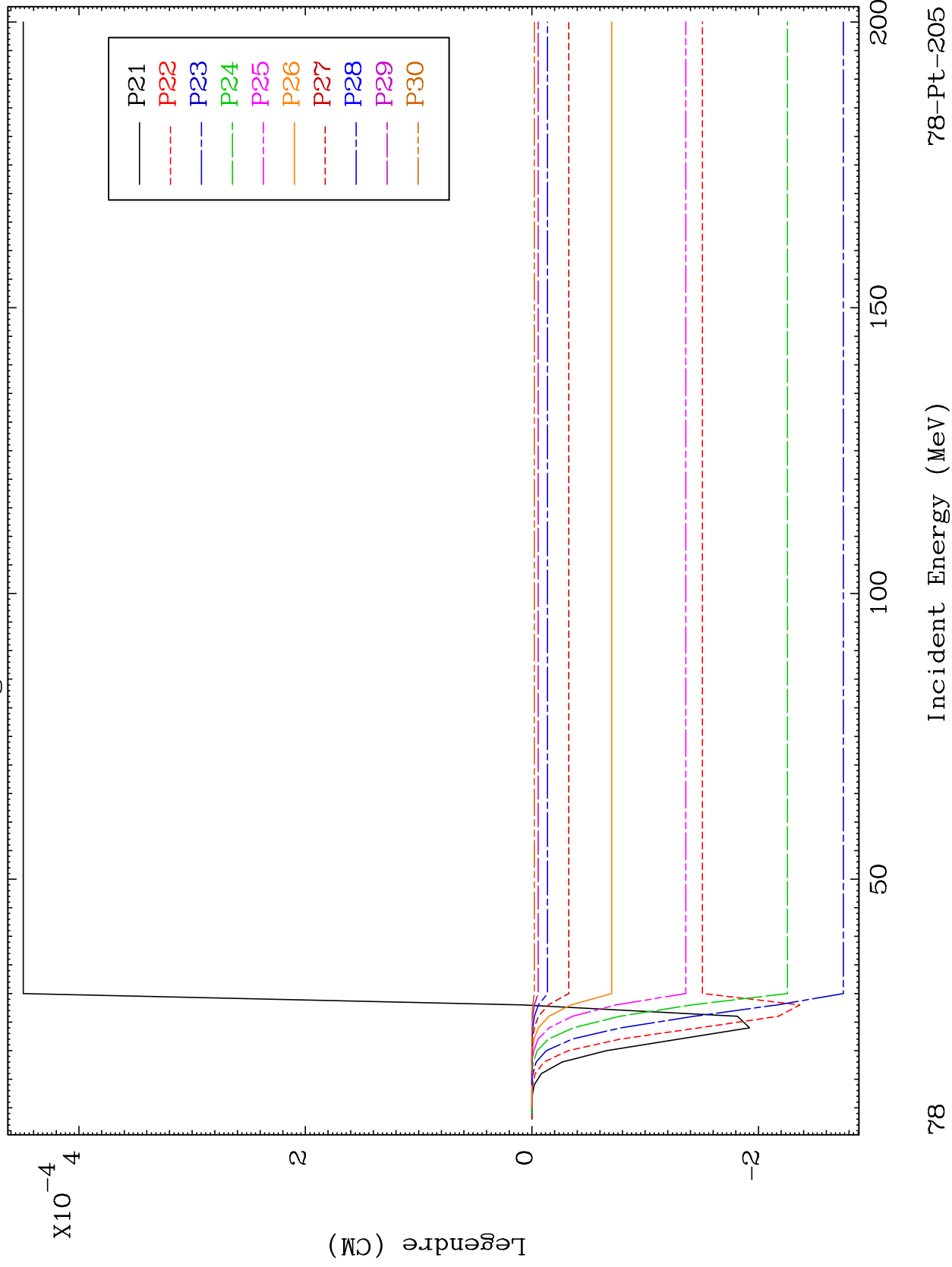
Incident Energy (MeV)

78-Pt-205

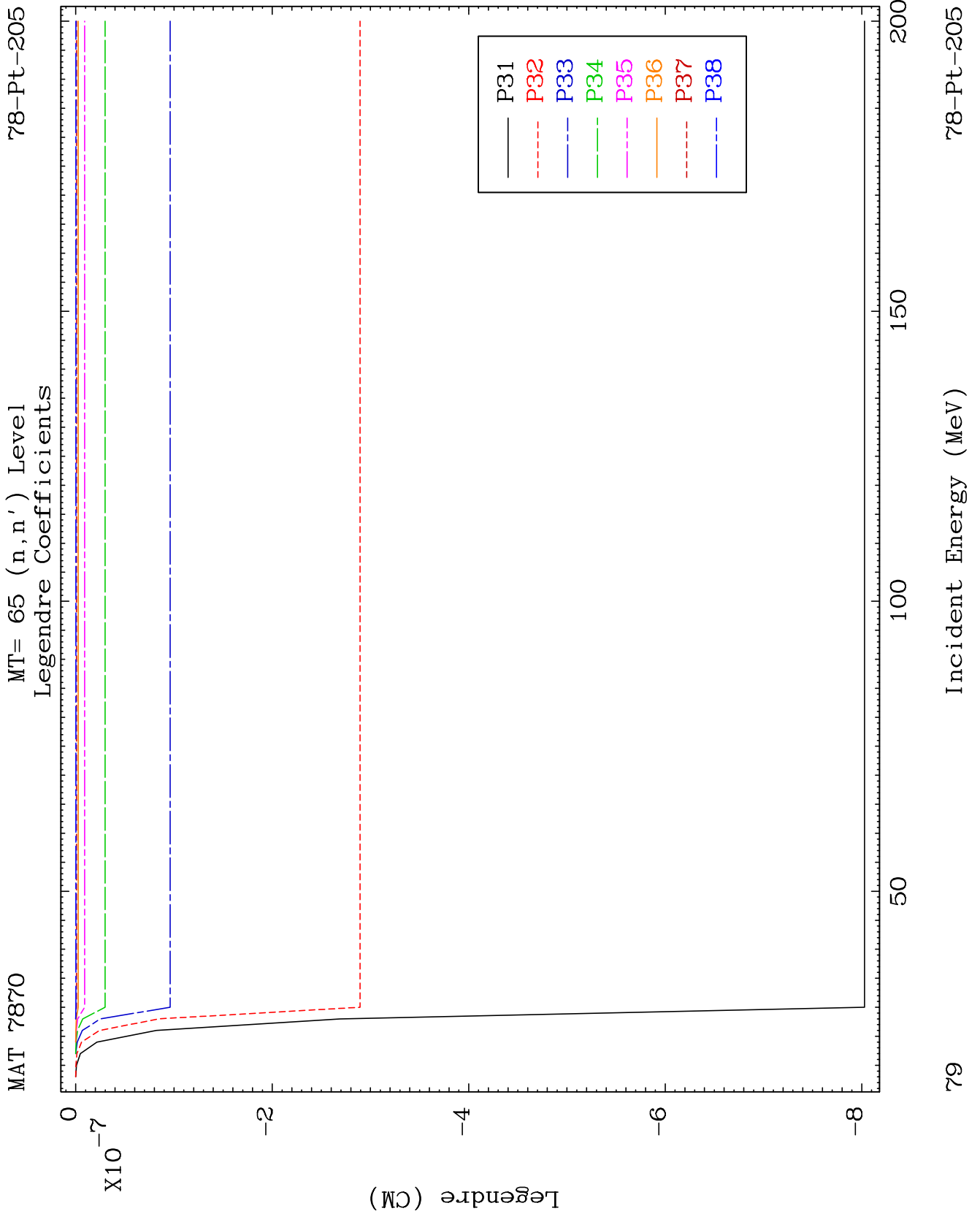
MAT 7870

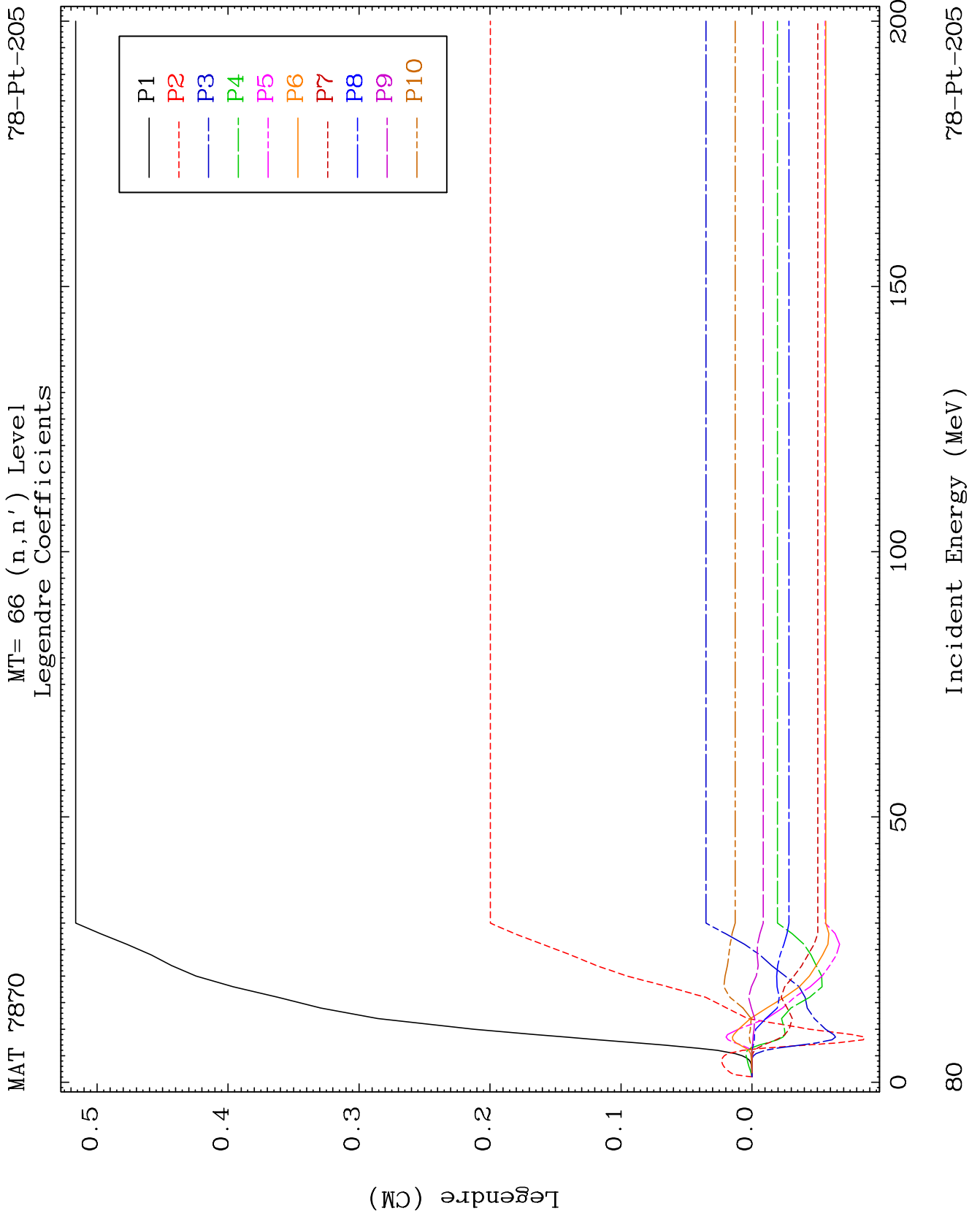
MT= 65 (n,n') Level
Legendre Coefficients

78-Pt-205



78

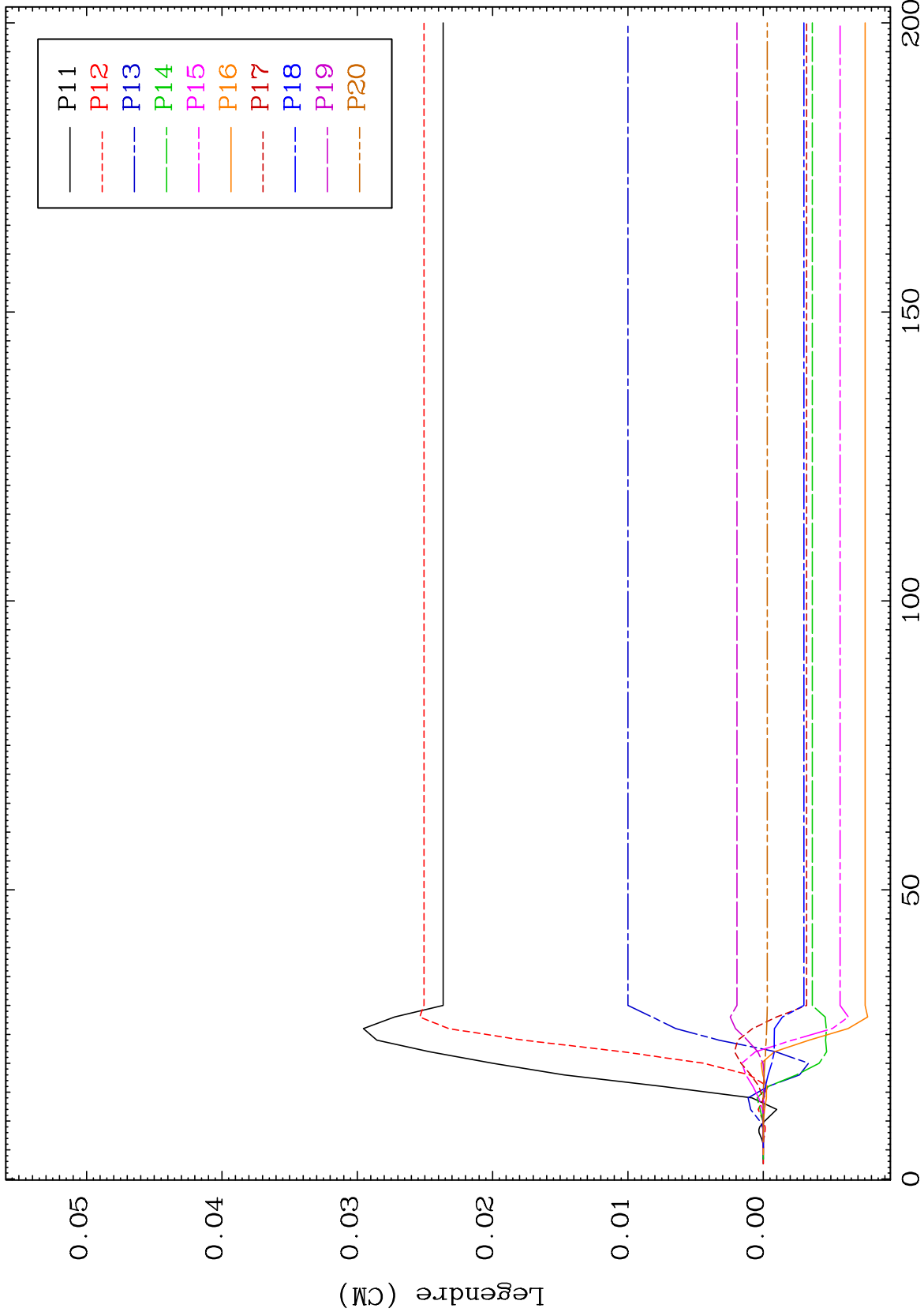




MAT 7870

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

78-Pt-205



81

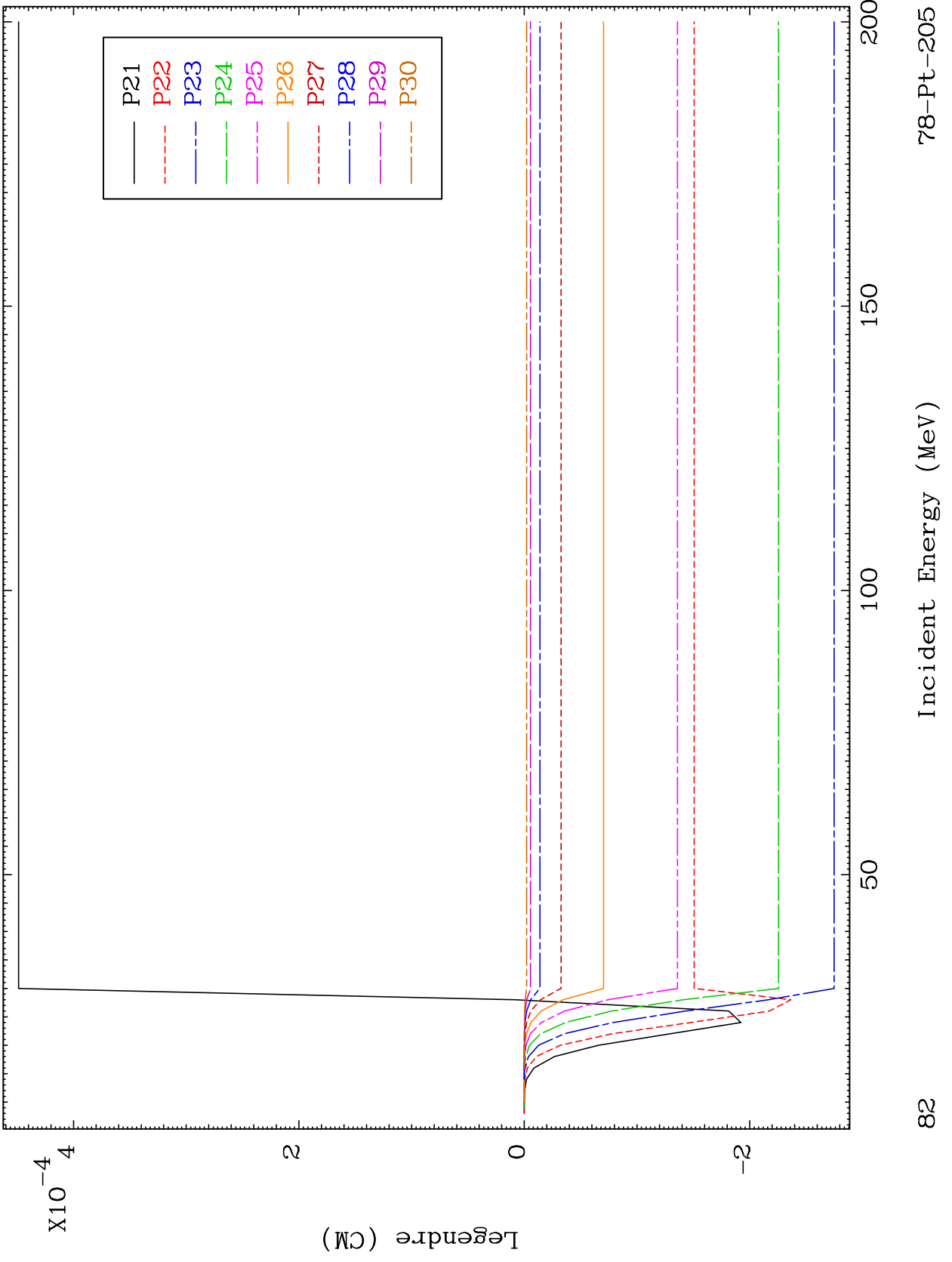
Incident Energy (MeV)

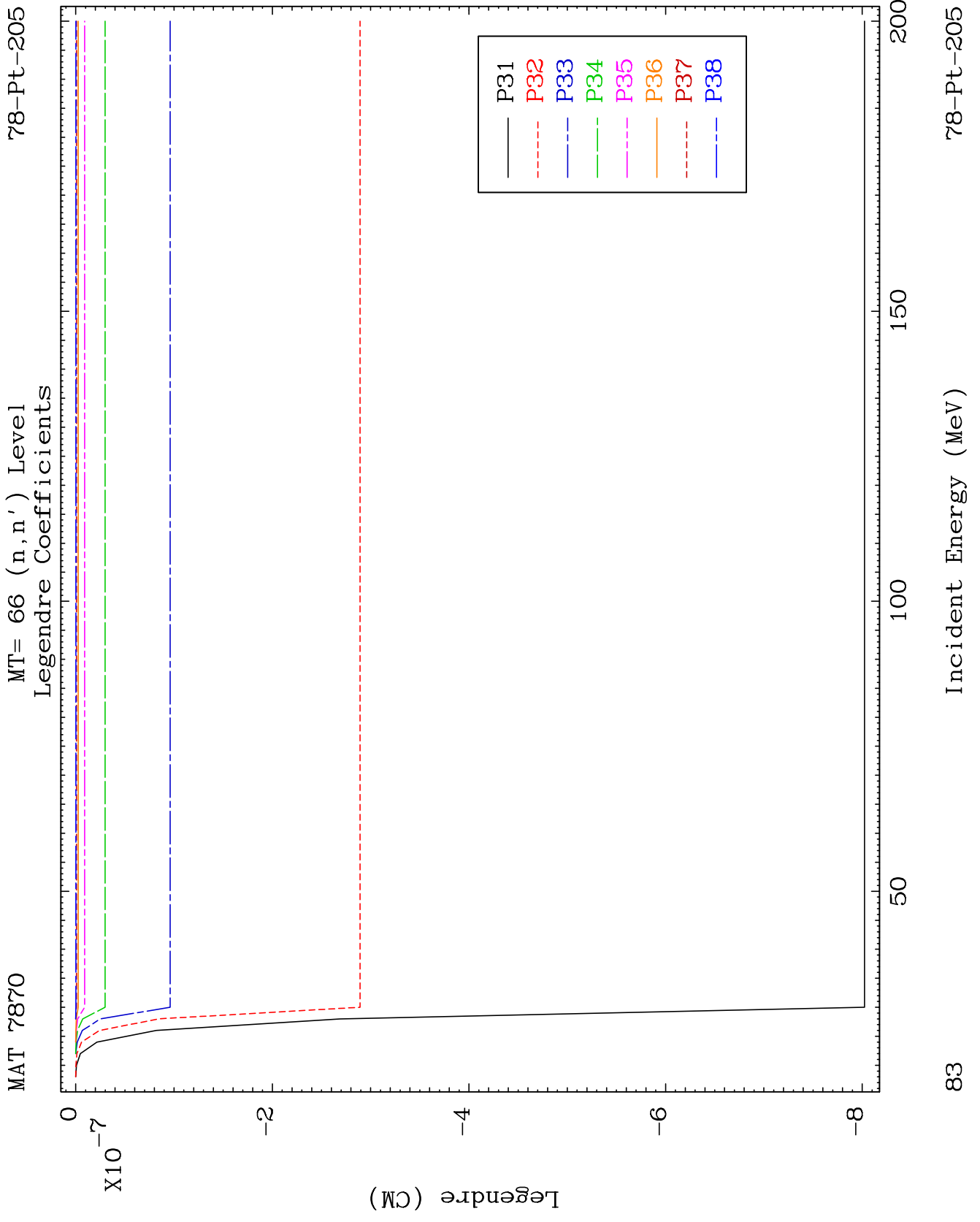
78-Pt-205

MAT 7870

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

78-Pt-205

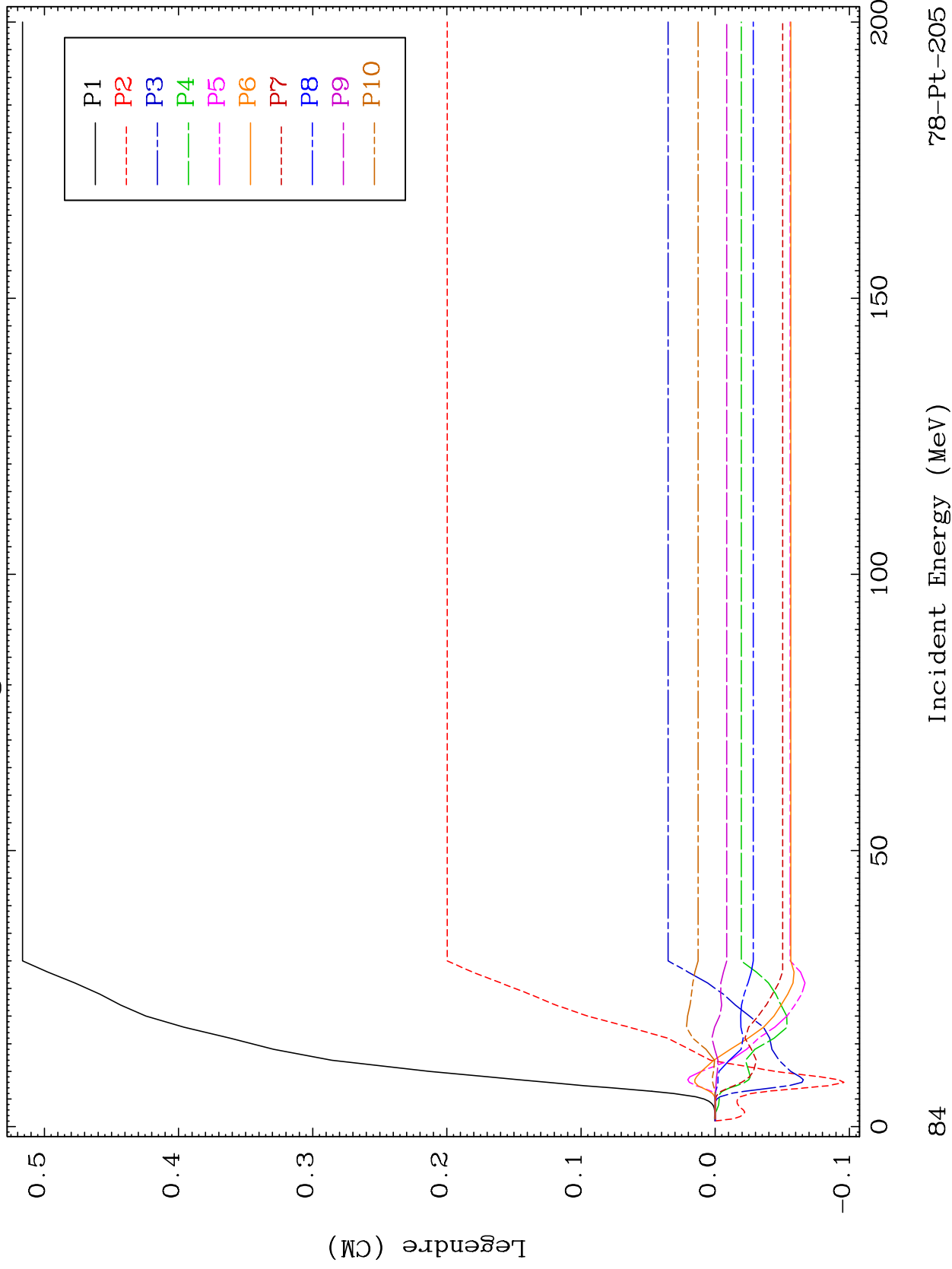




MAT 7870

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

78-Pt-205



84

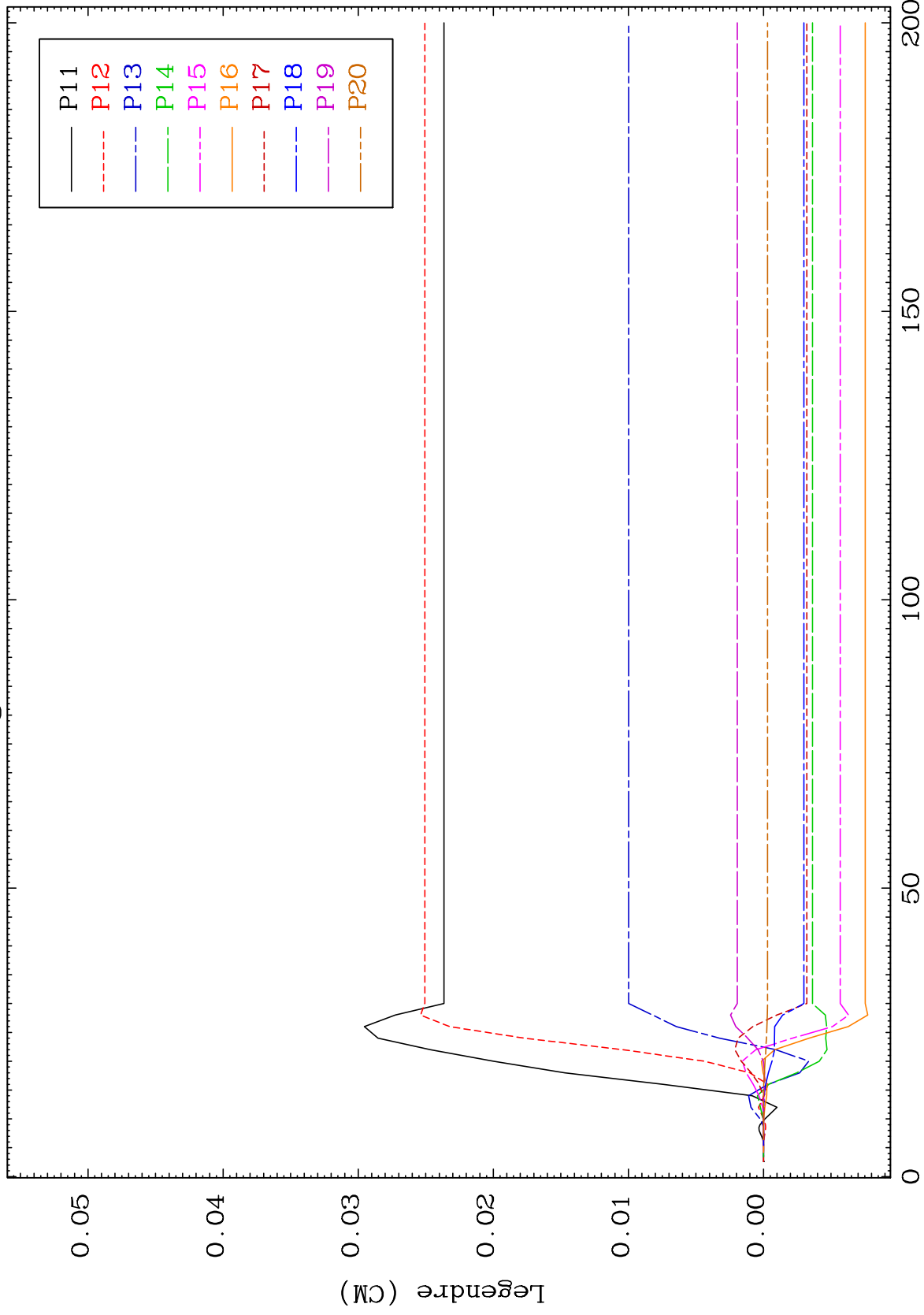
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



85

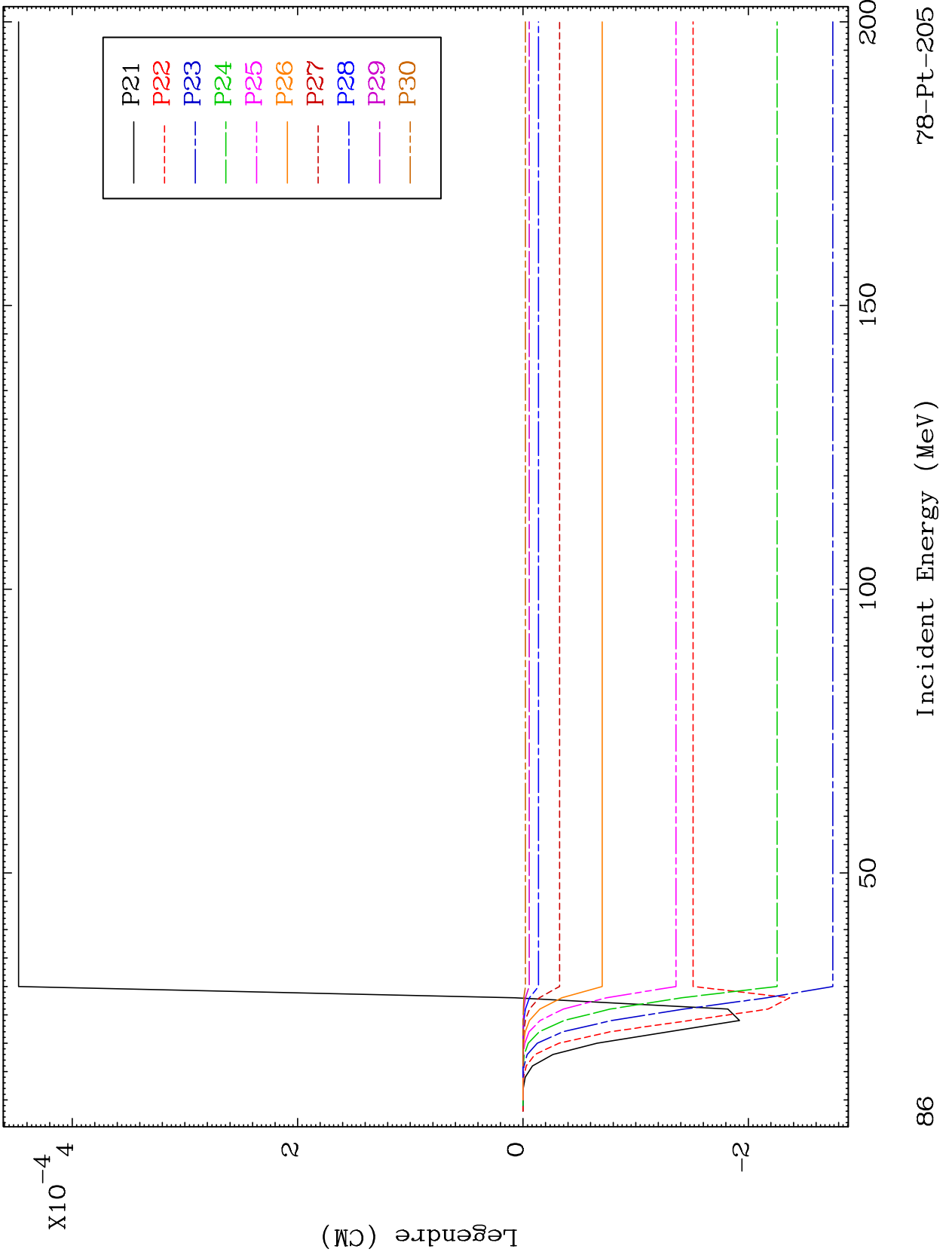
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

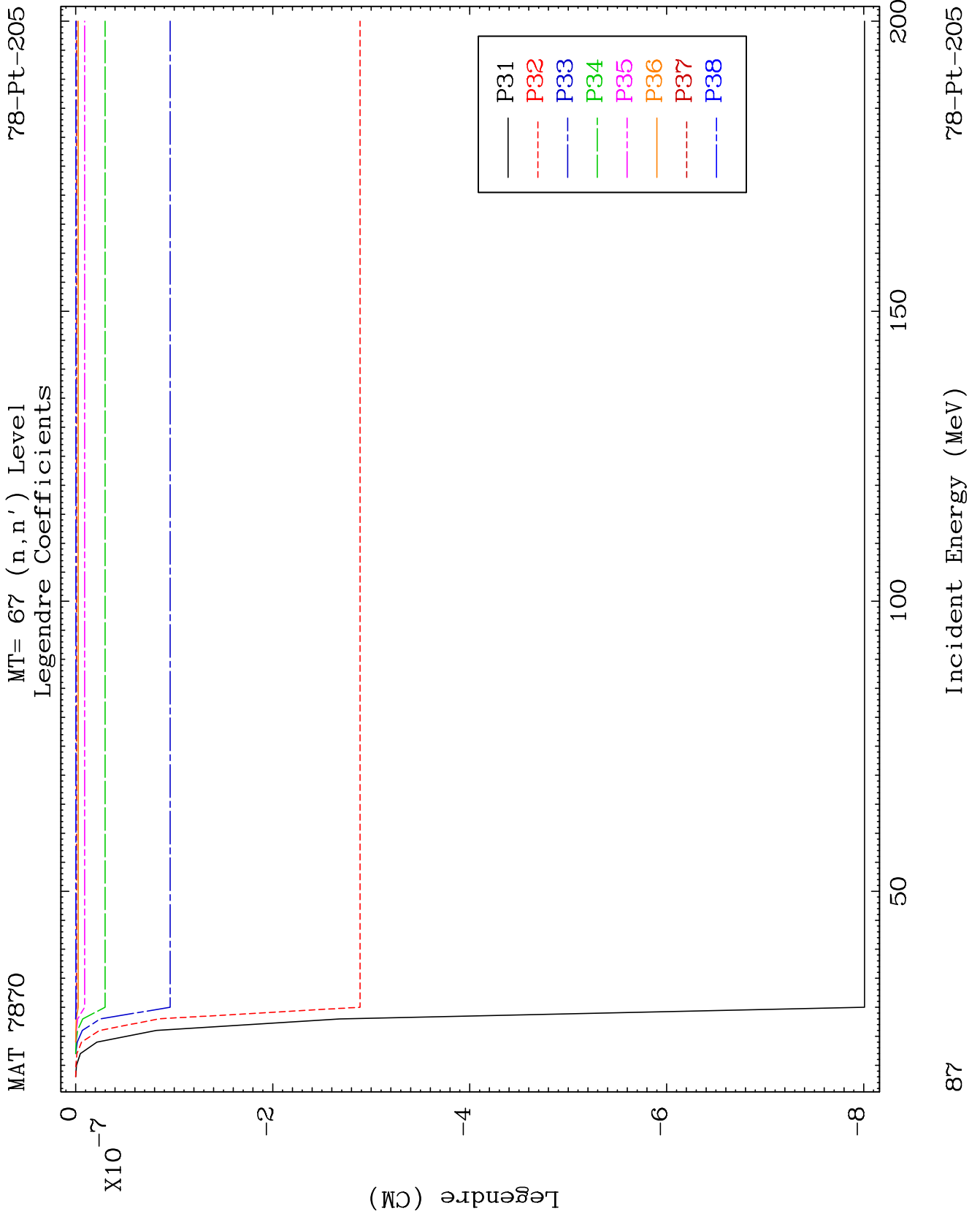
78-Pt-205

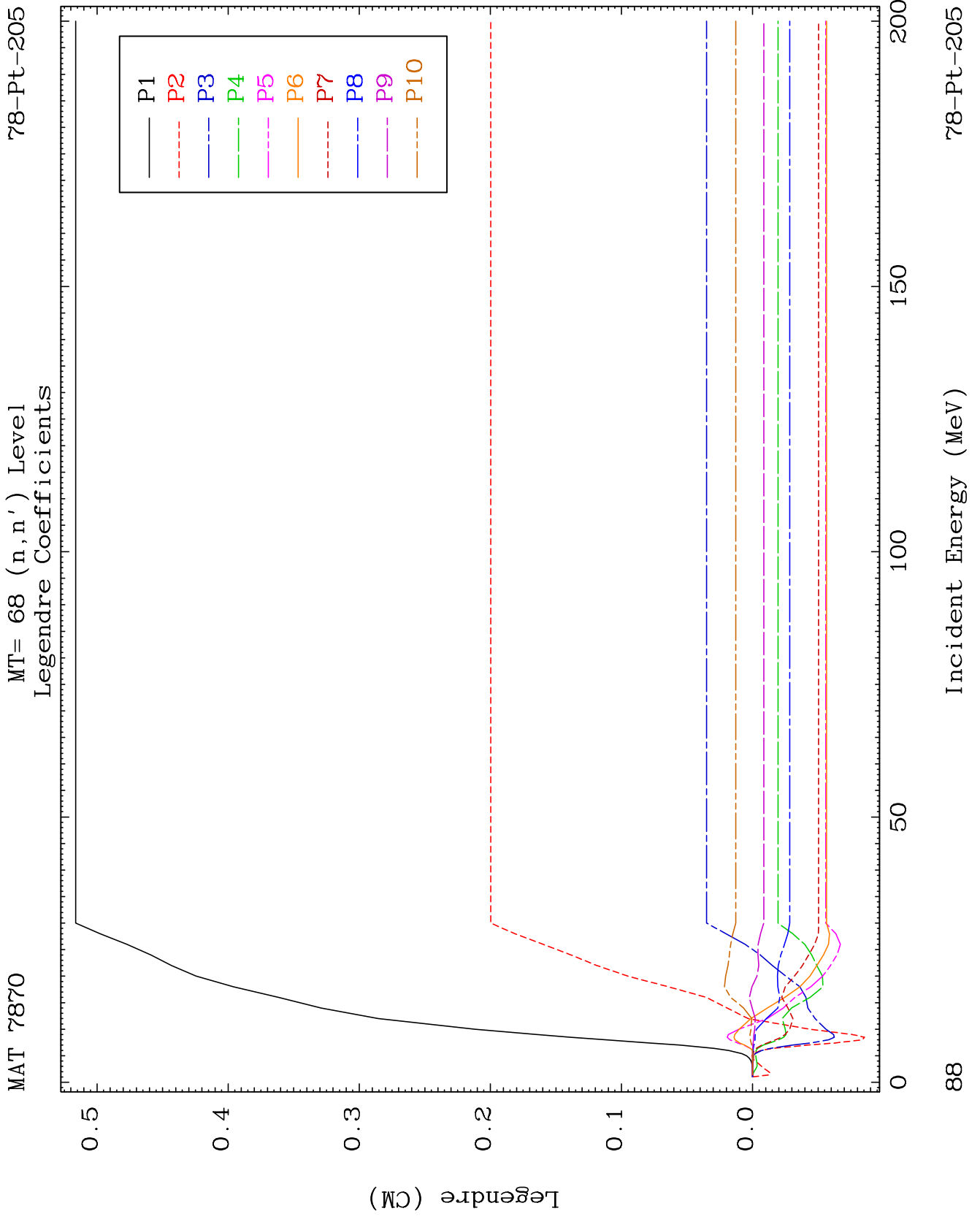


86

Incident Energy (MeV)

78-Pt-205

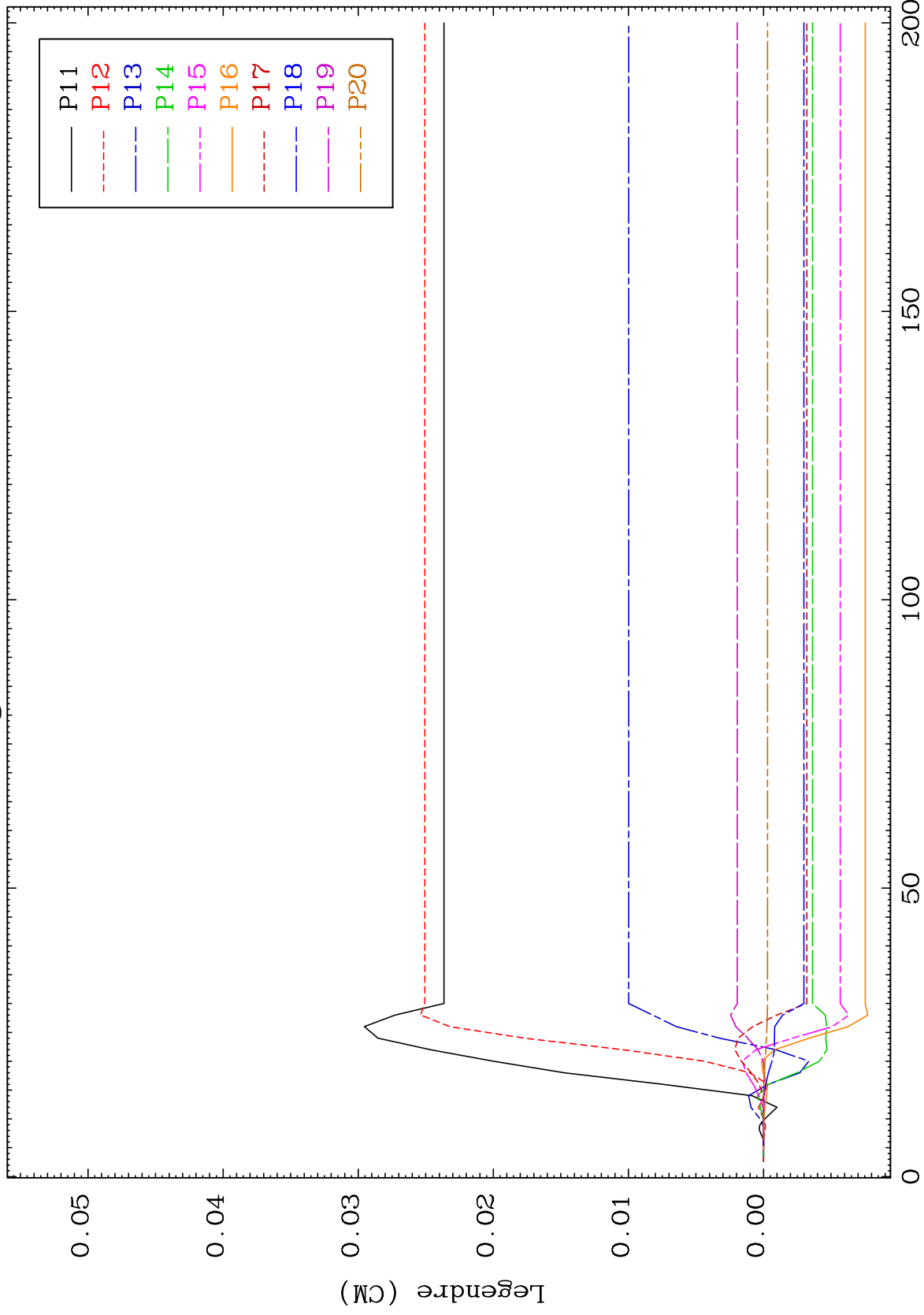




MAT 7870

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

78-Pt-205



89

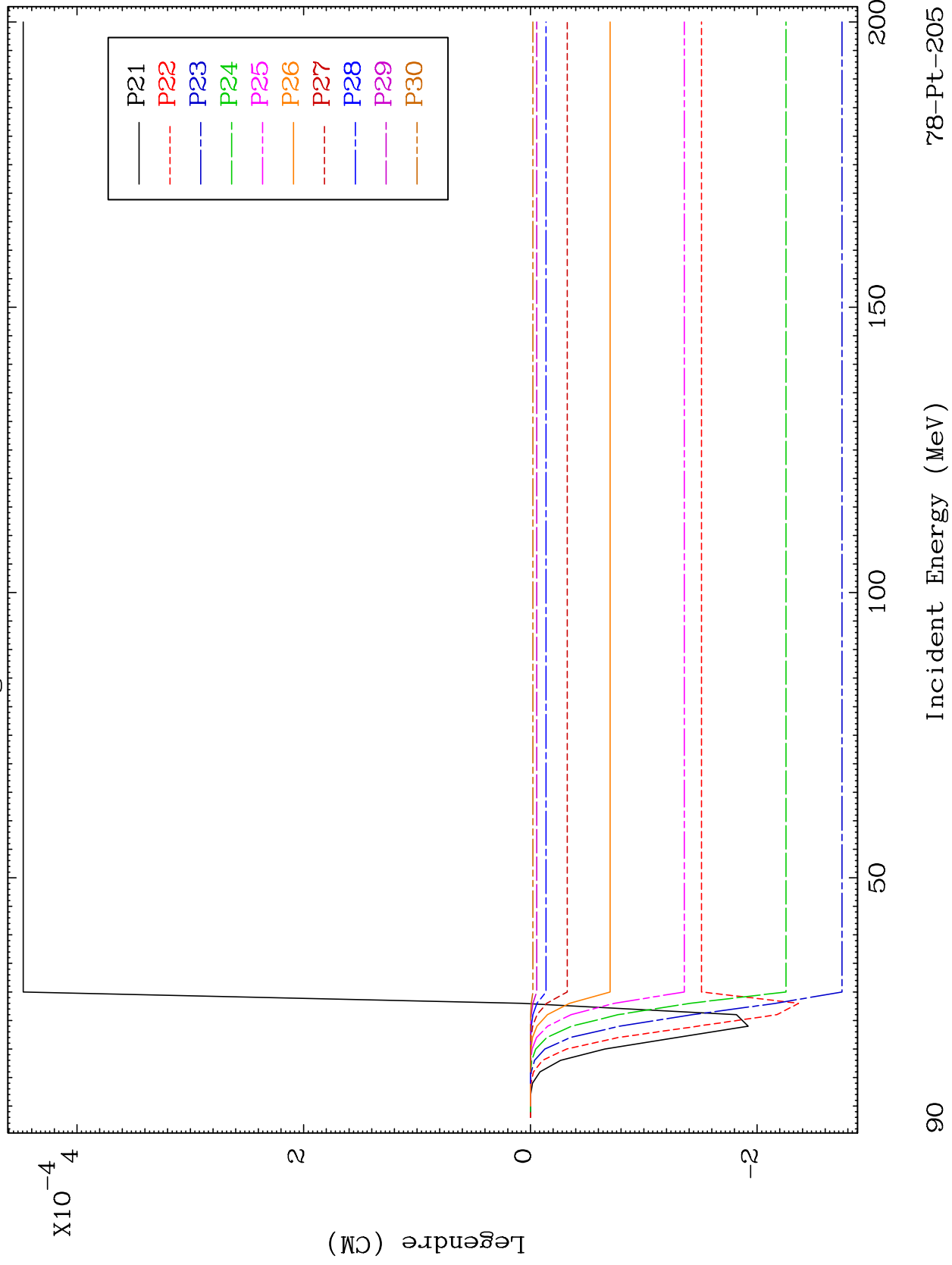
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

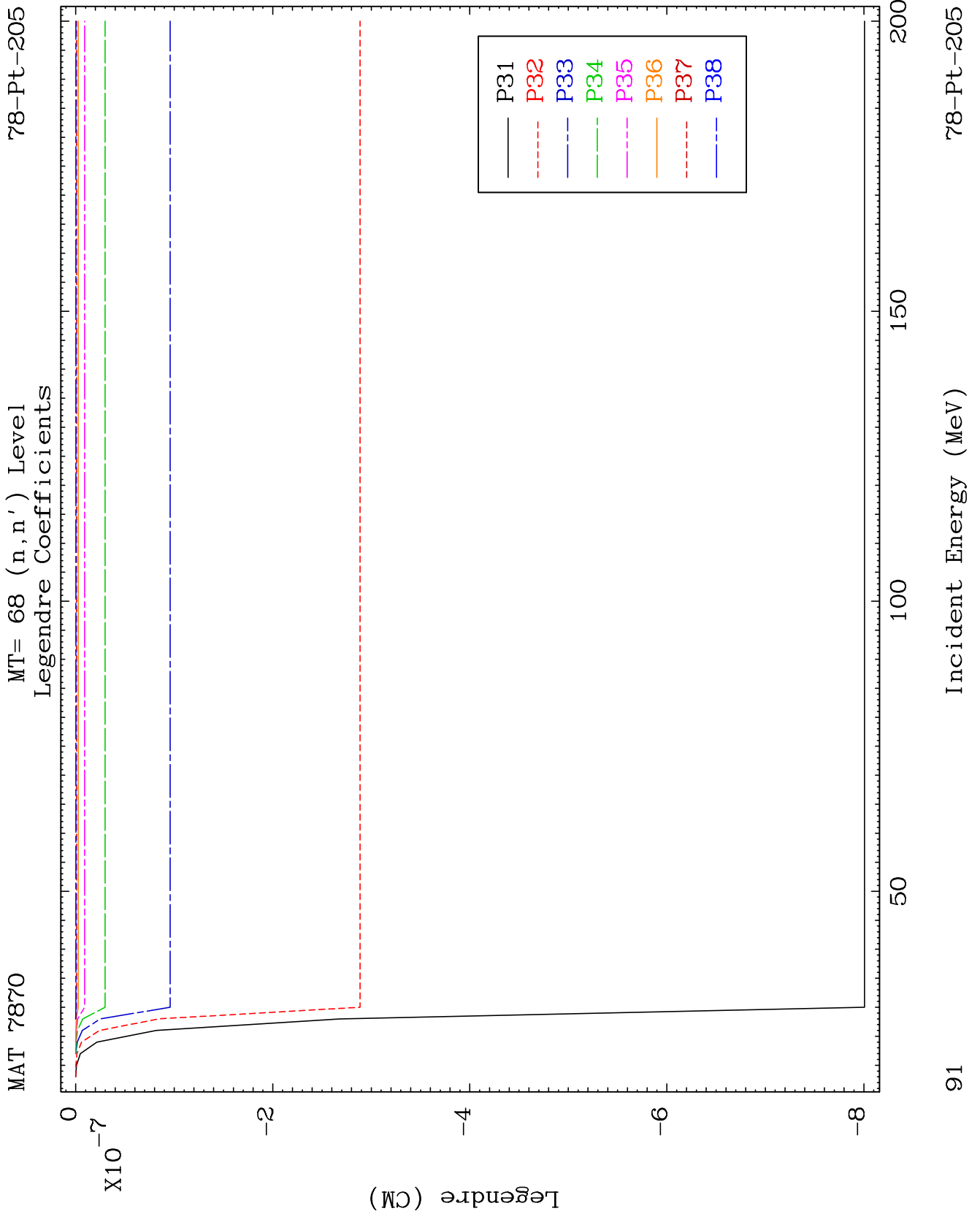
78-Pt-205



90

Incident Energy (MeV)

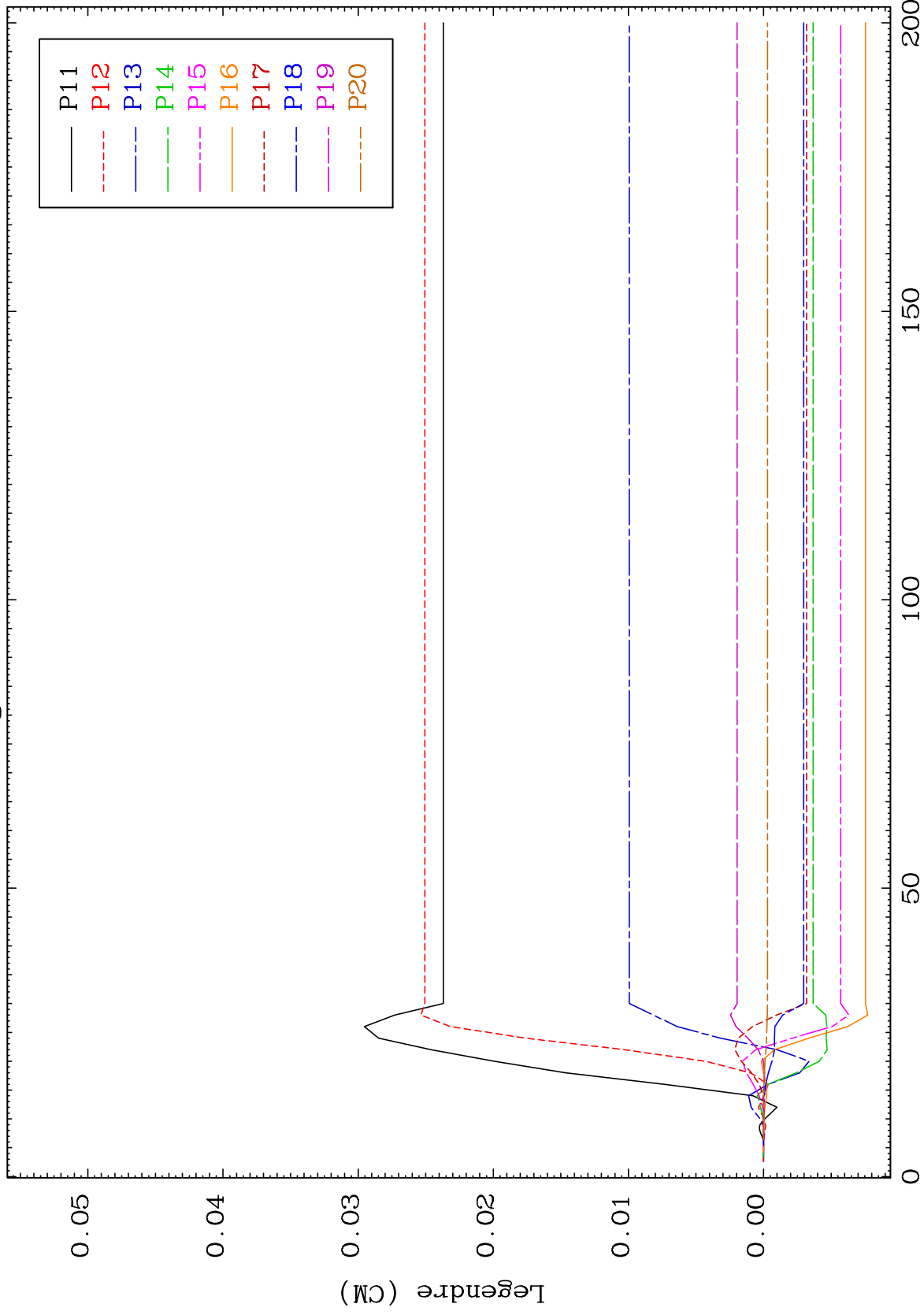
78-Pt-205



MAT 7870

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

78-Pt-205



93

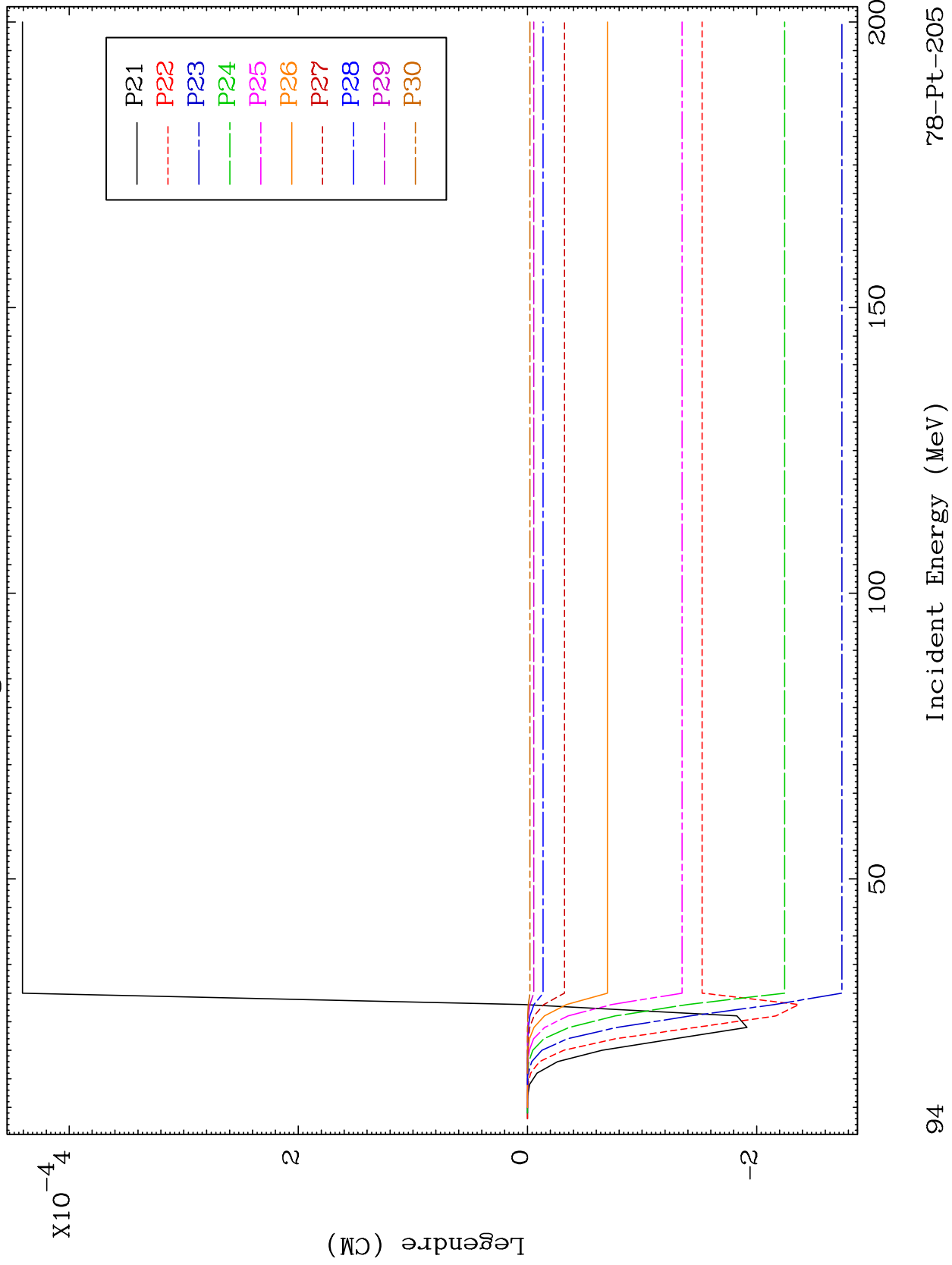
Incident Energy (MeV)

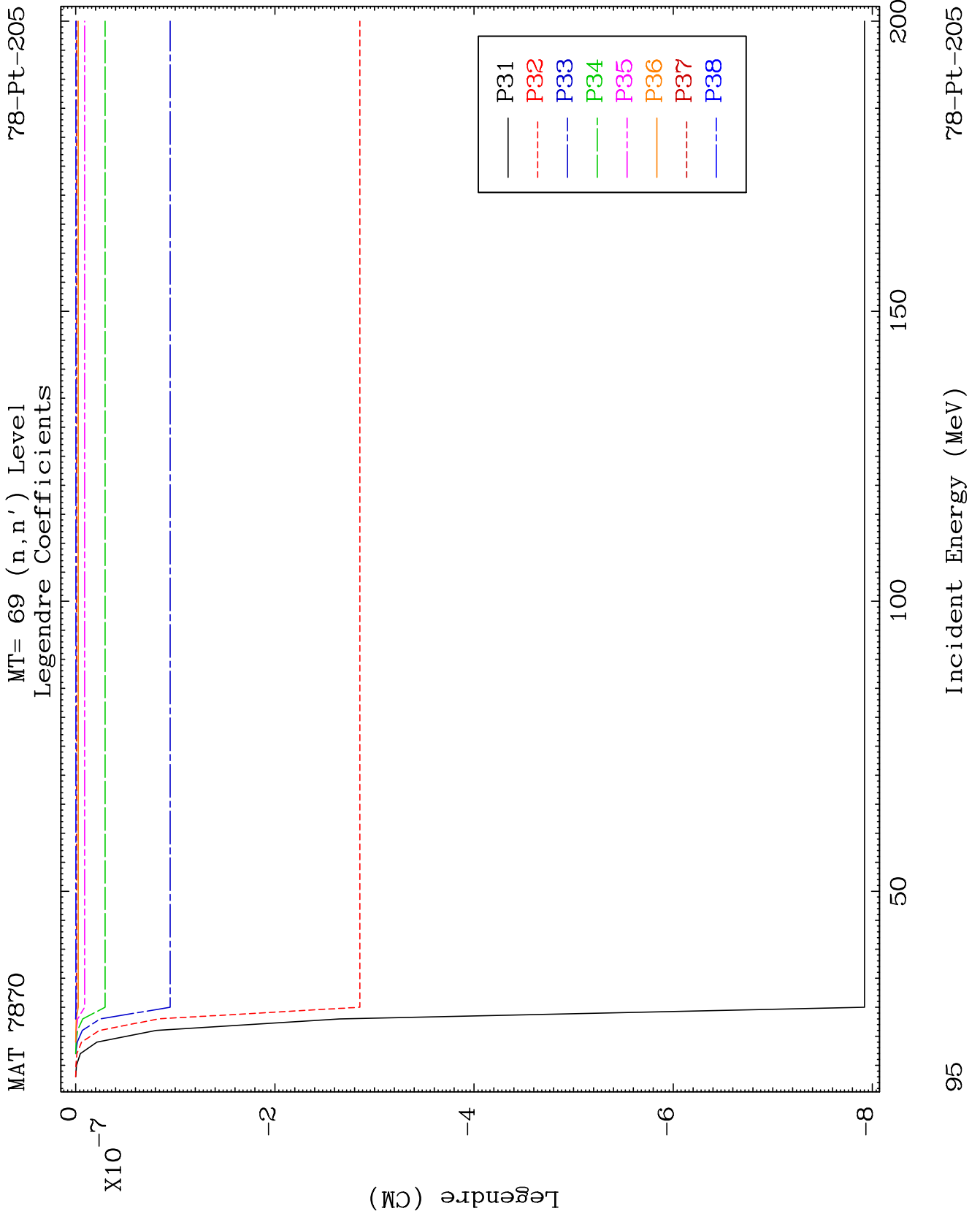
78-Pt-205

MAT 7870

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

78-Pt-205

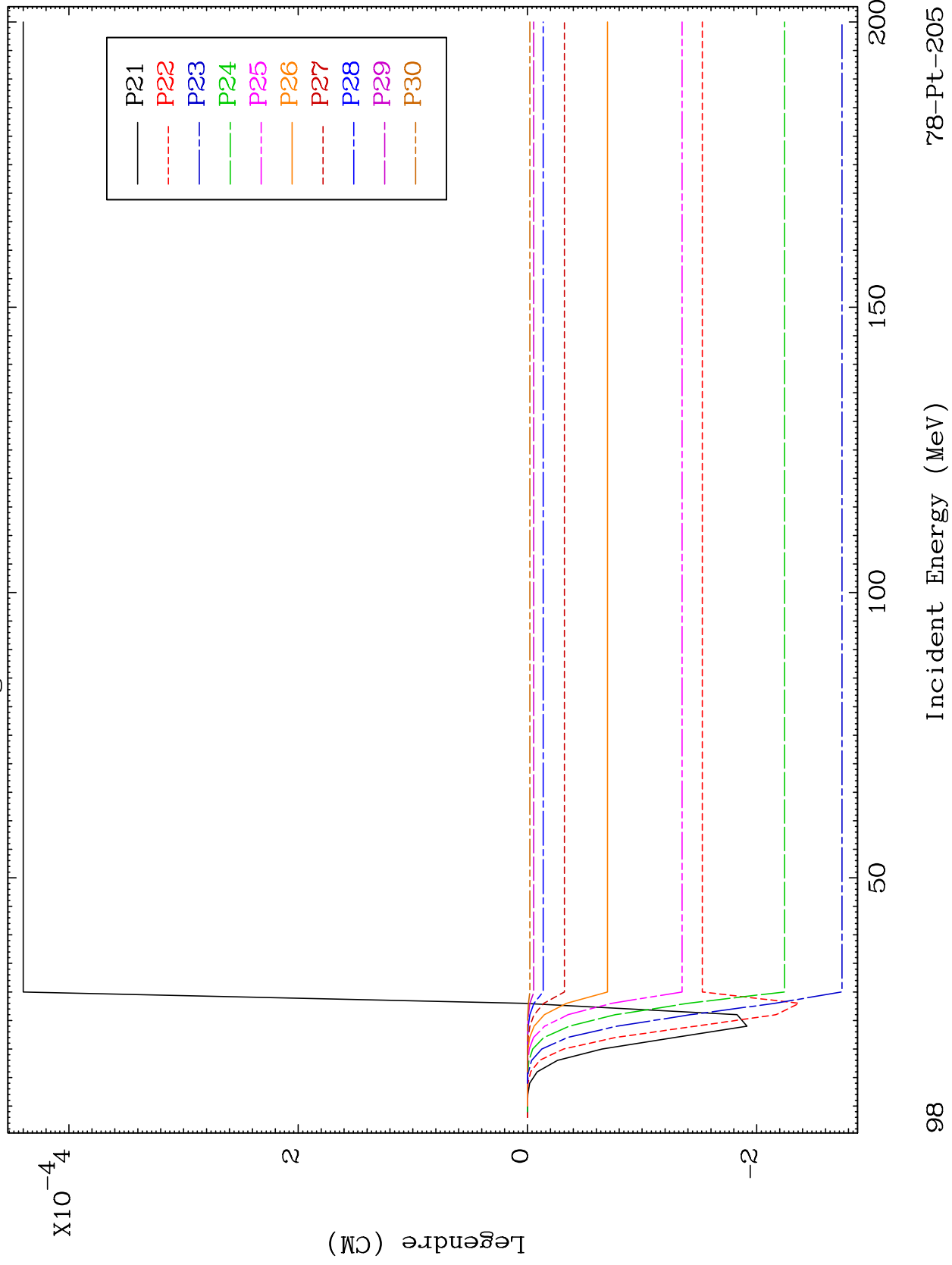


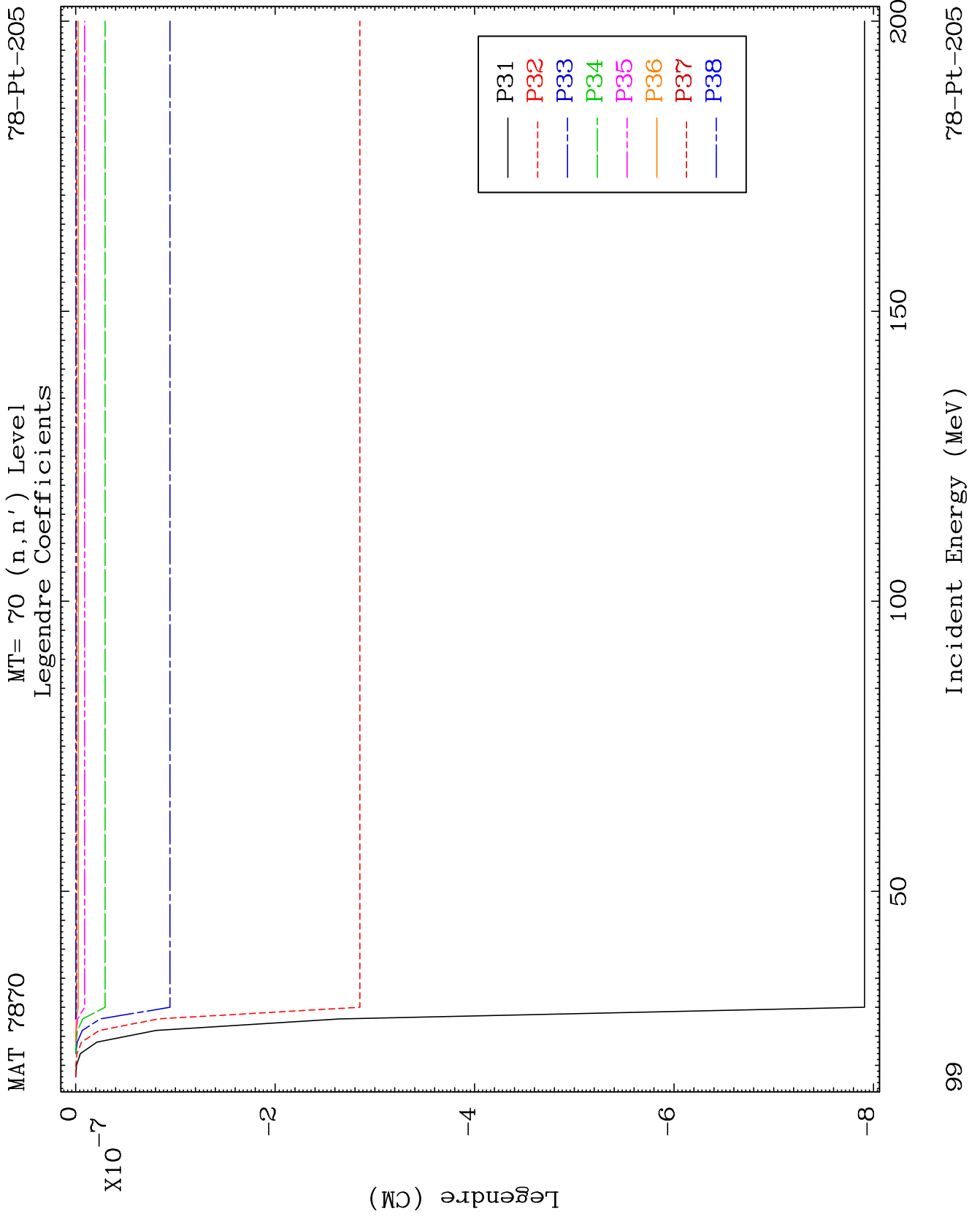


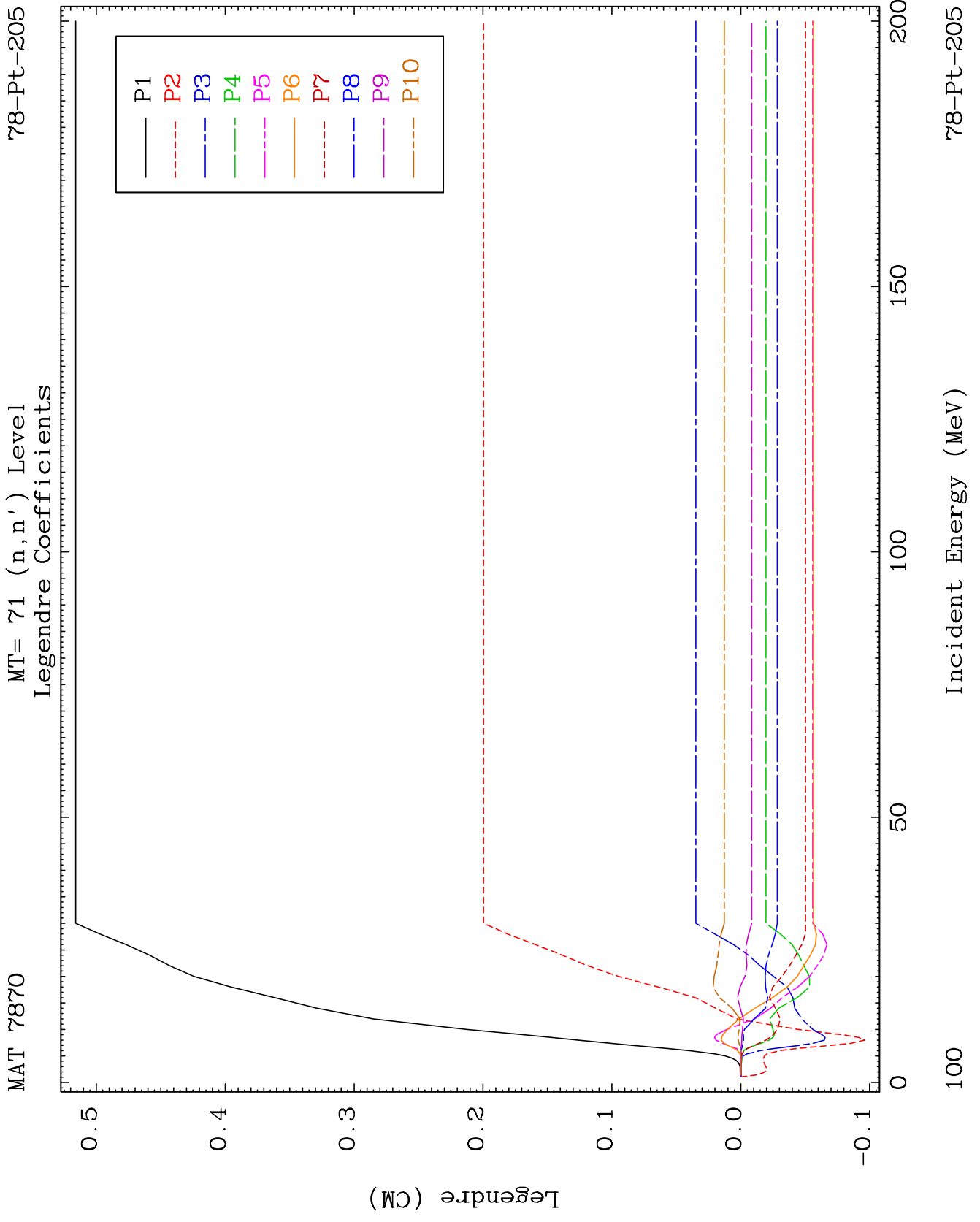
MAT 7870

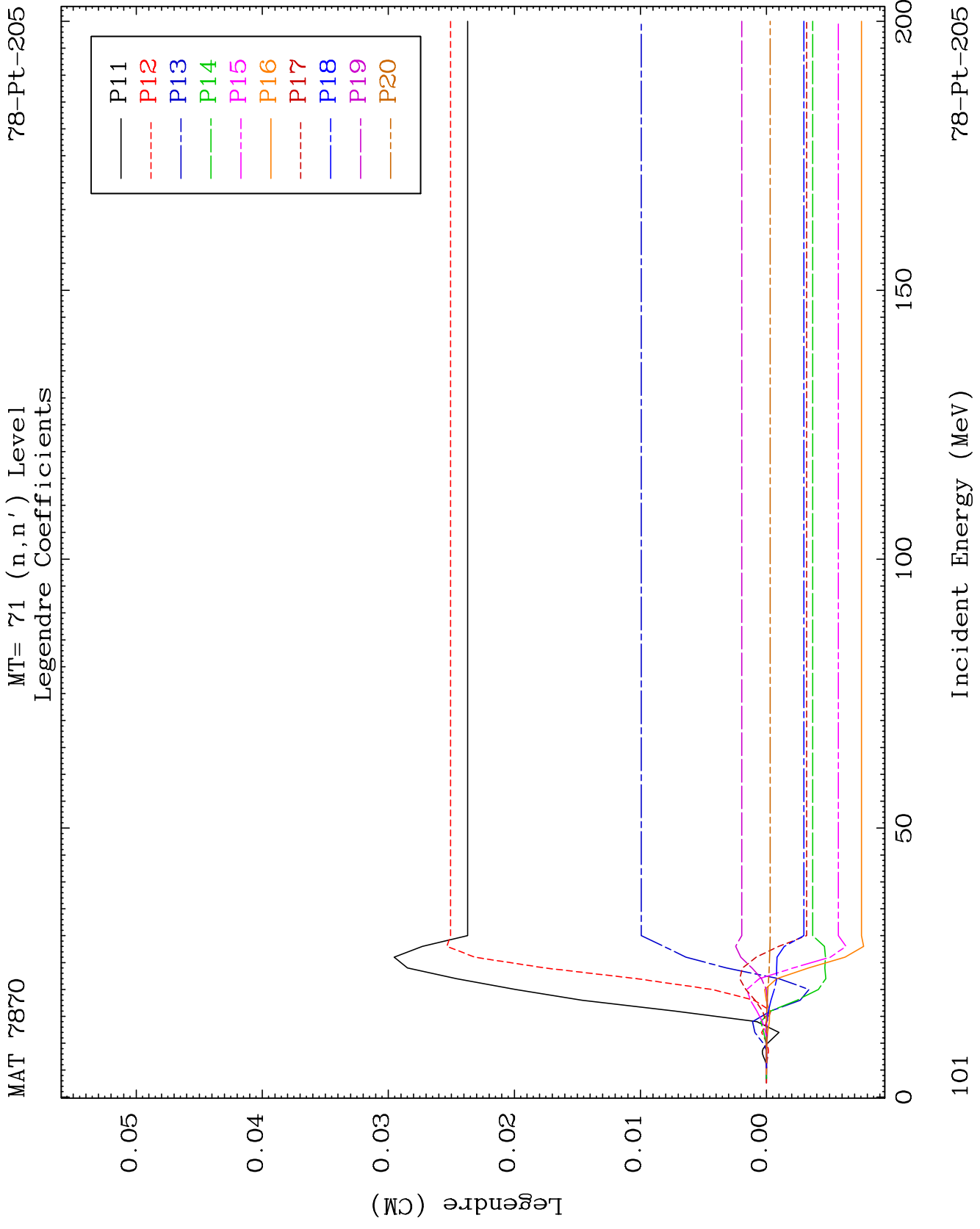
MT= 70 (n,n') Level
Legendre Coefficients

78-Pt-205





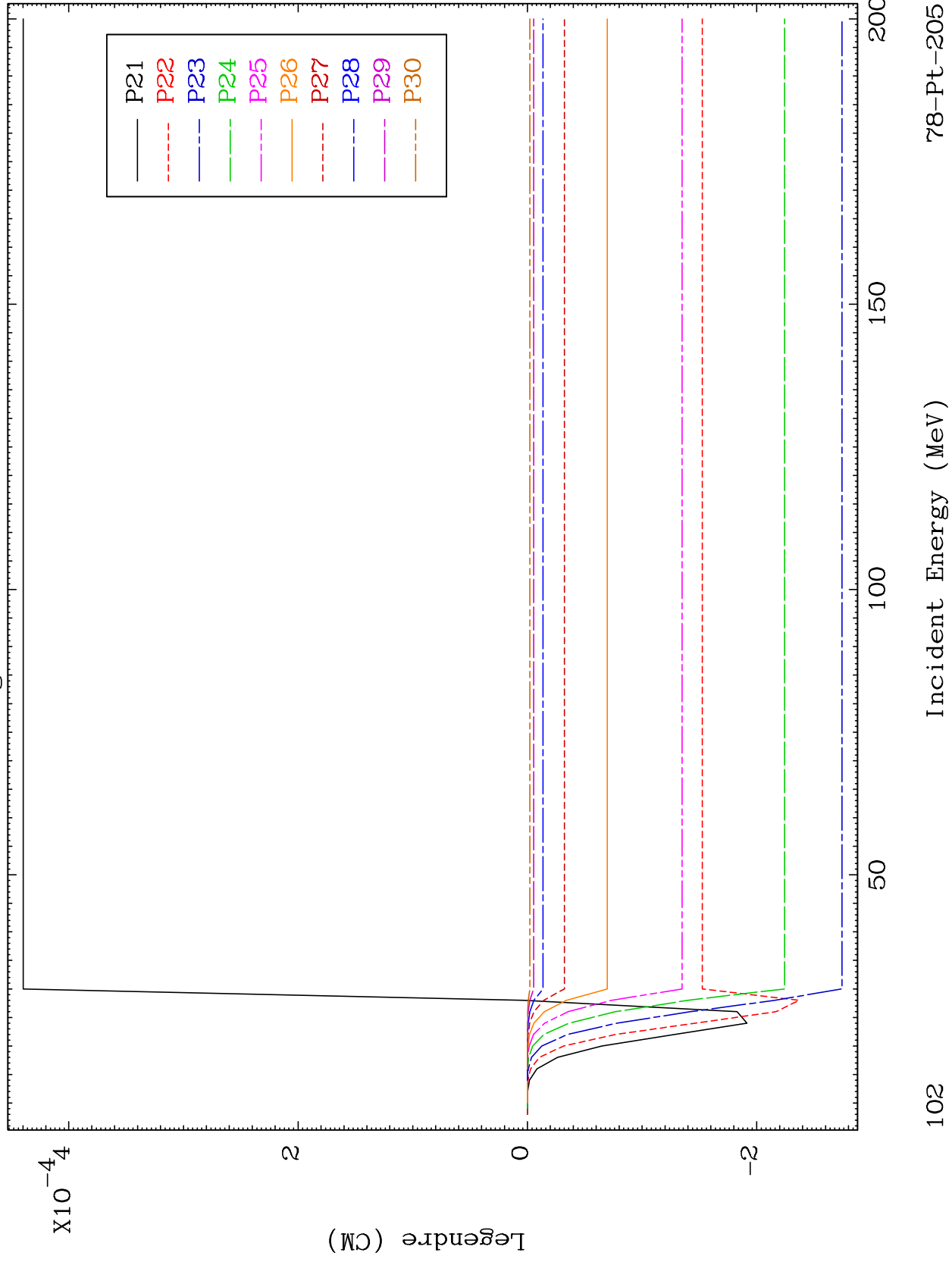




MAT 7870

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

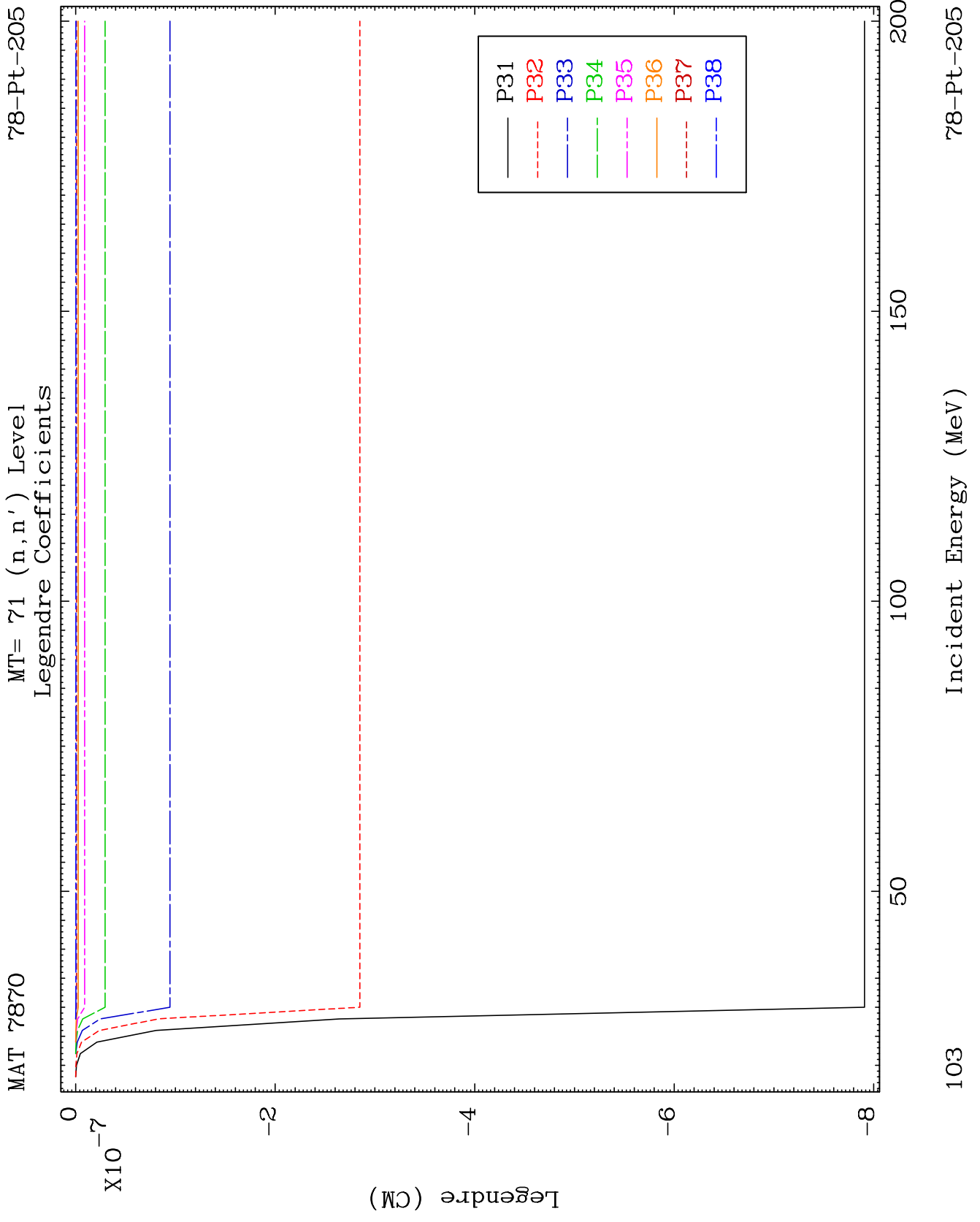
78-Pt-205

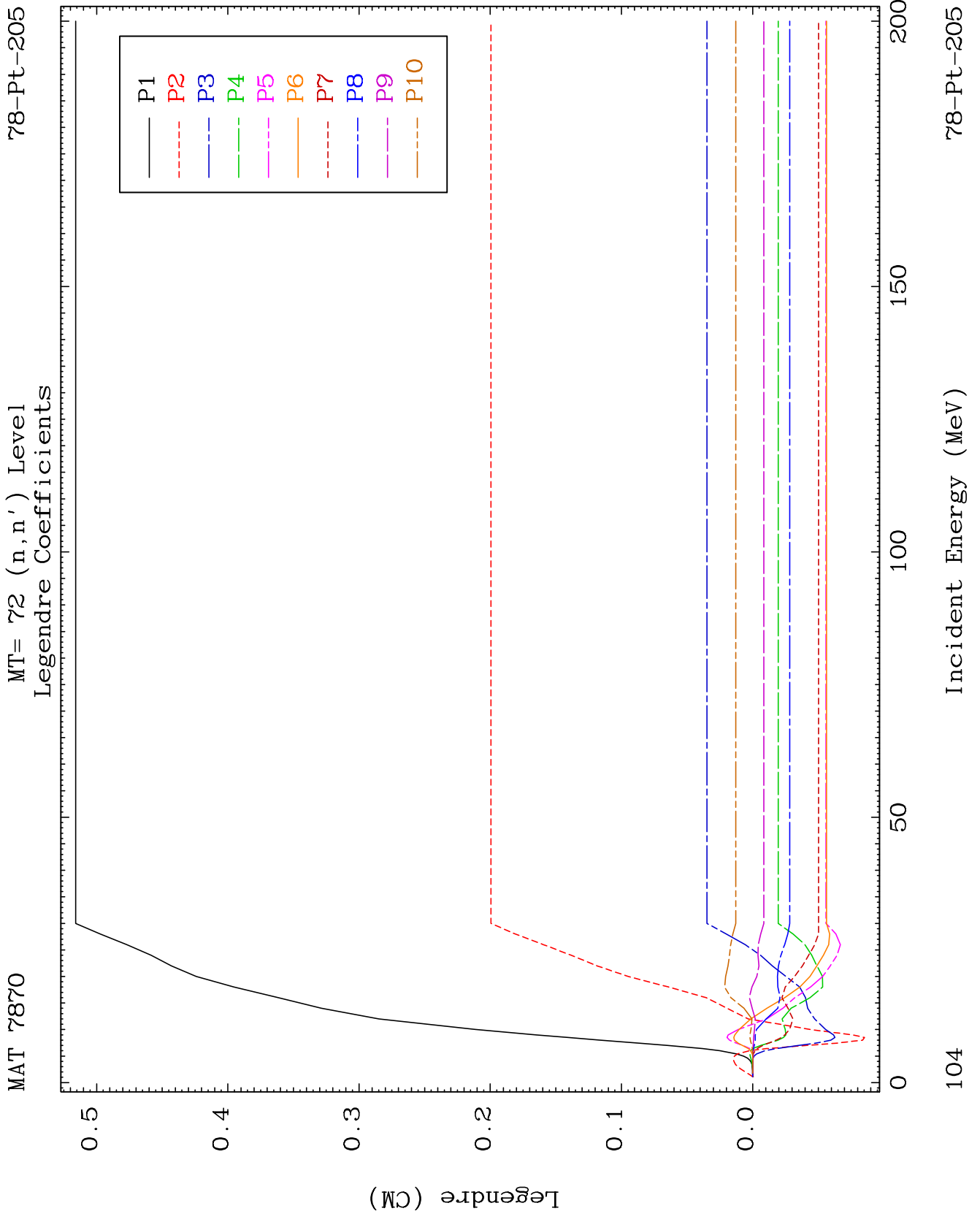


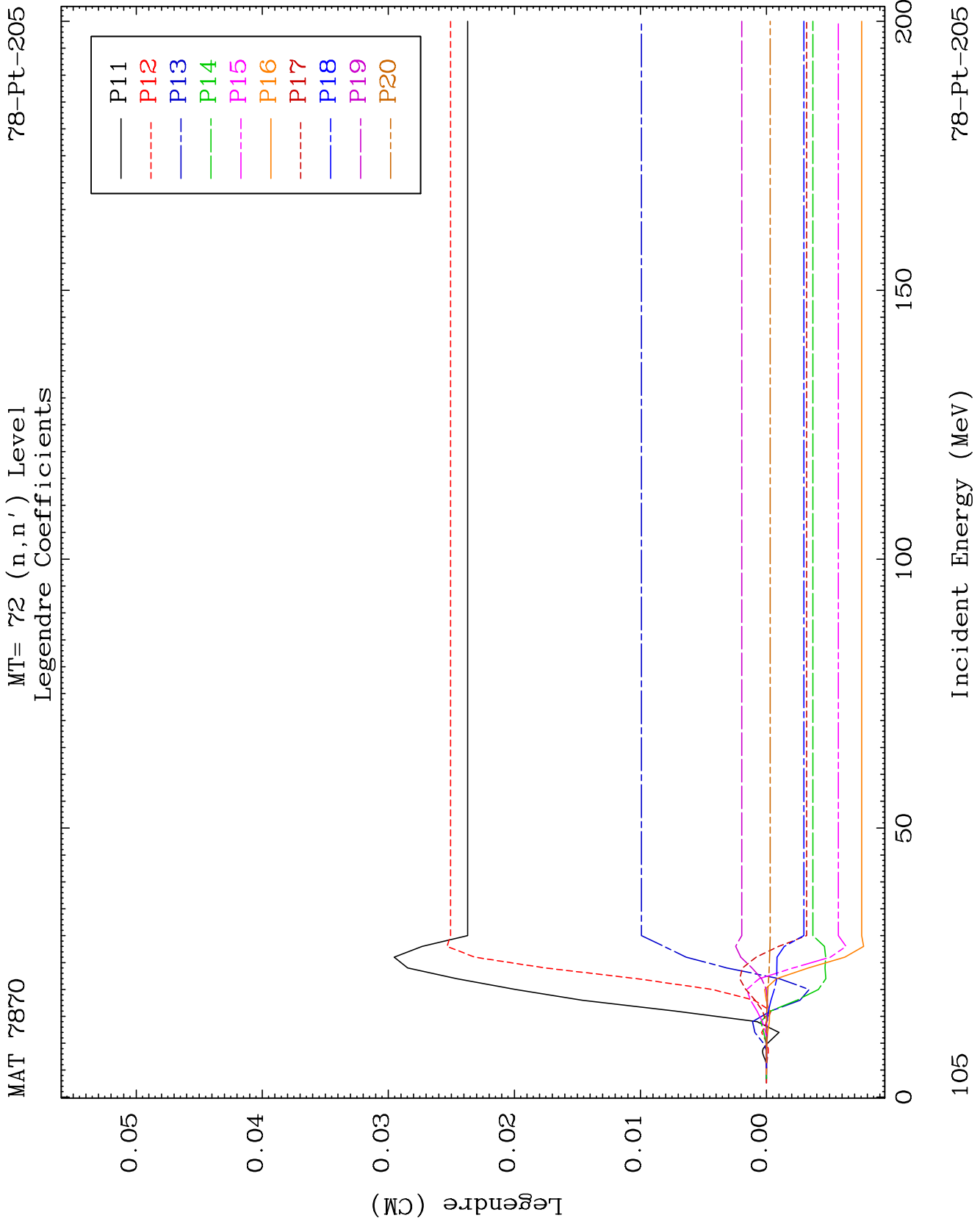
102

Incident Energy (MeV)

78-Pt-205



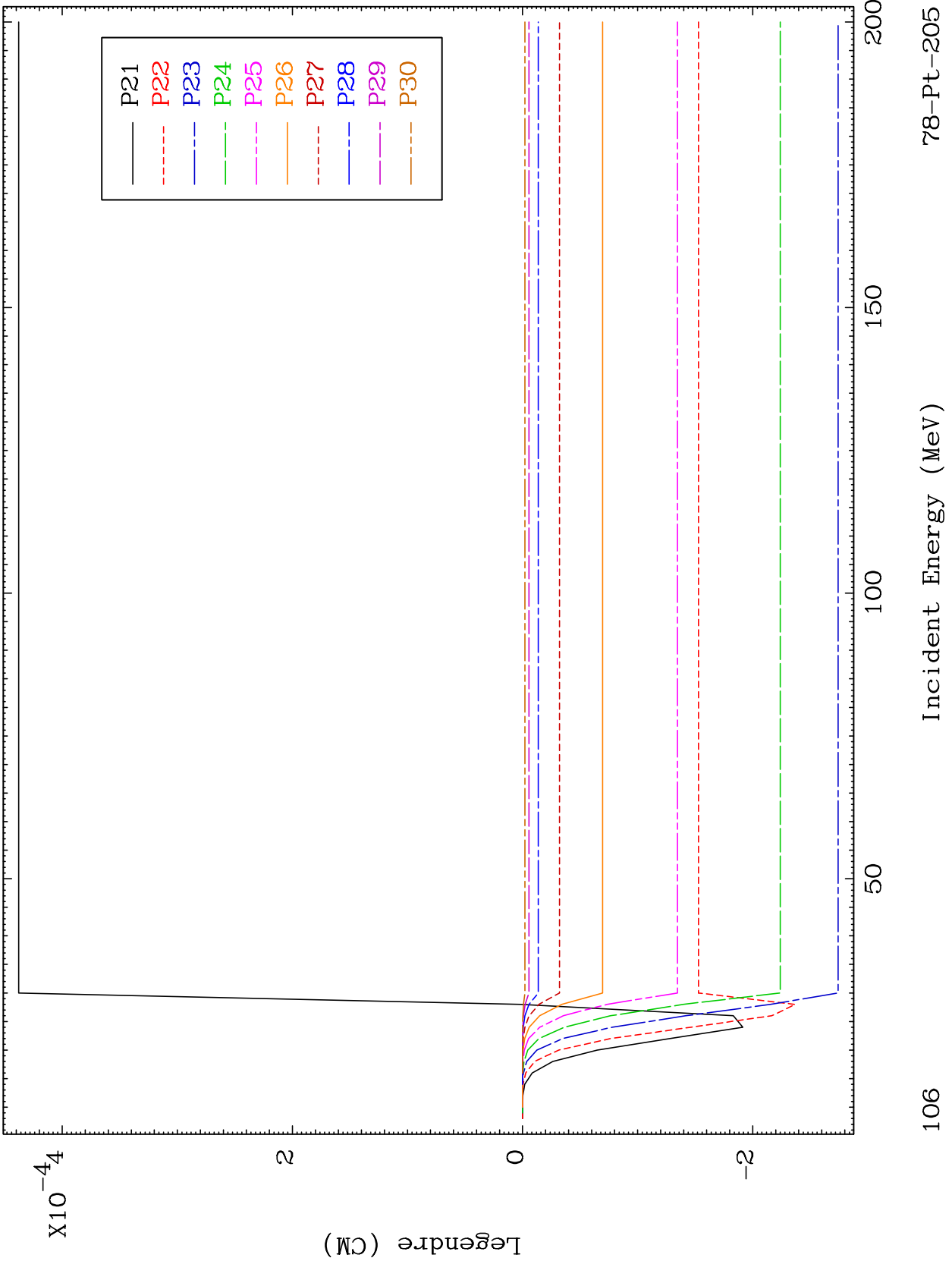




MAT 7870

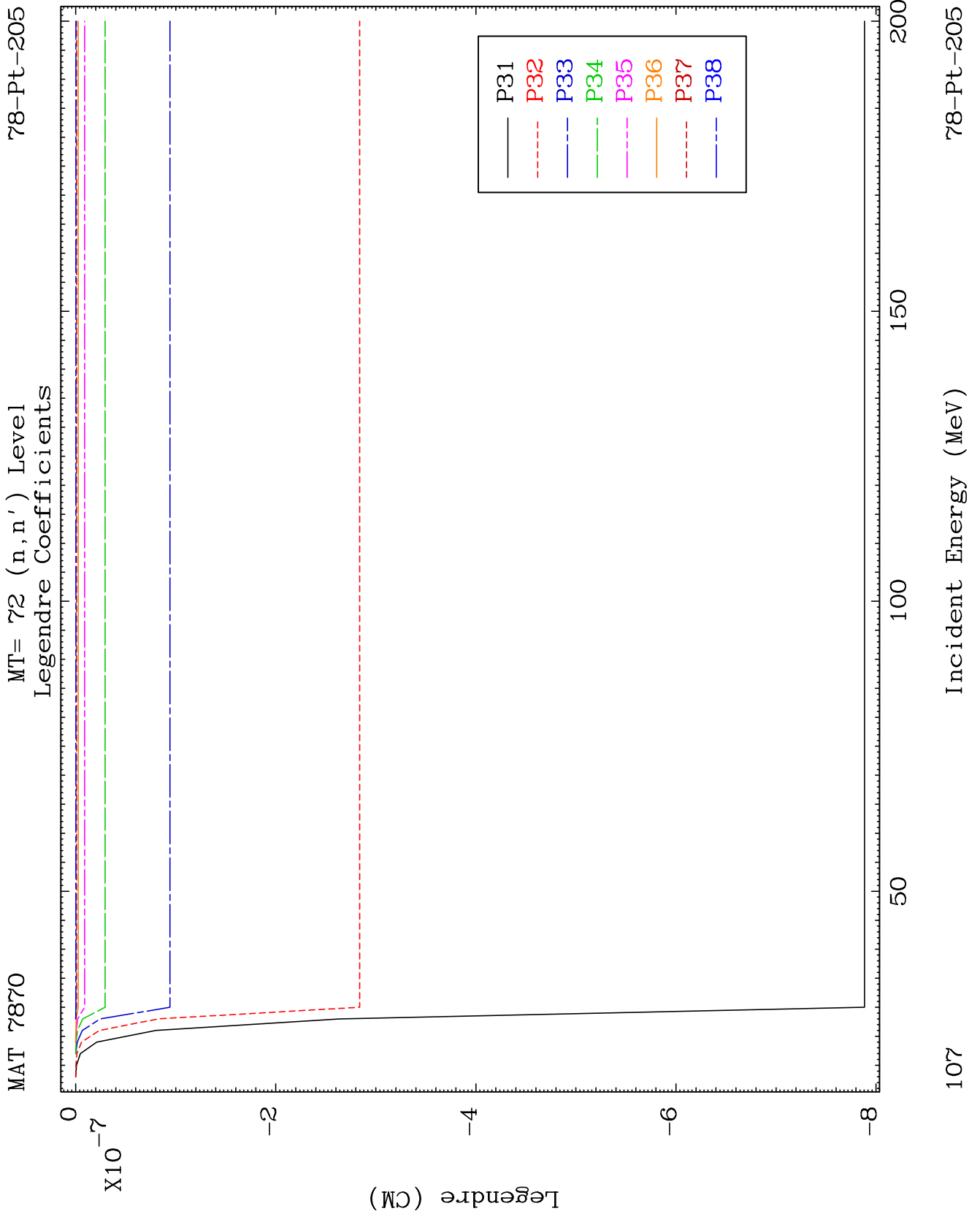
MT= 72 (n,n') Level
Legendre Coefficients

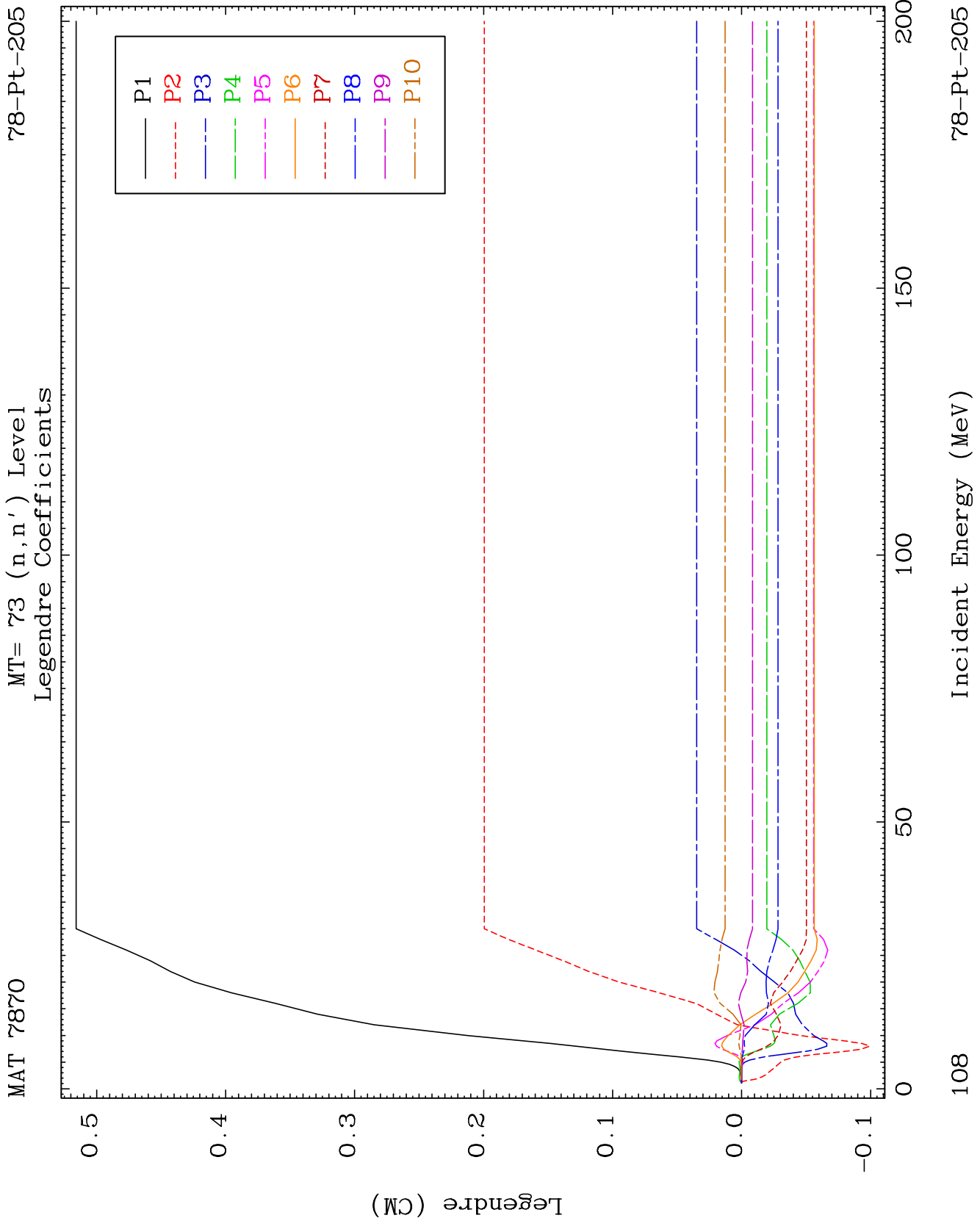
78-Pt-205



106

78-Pt-205

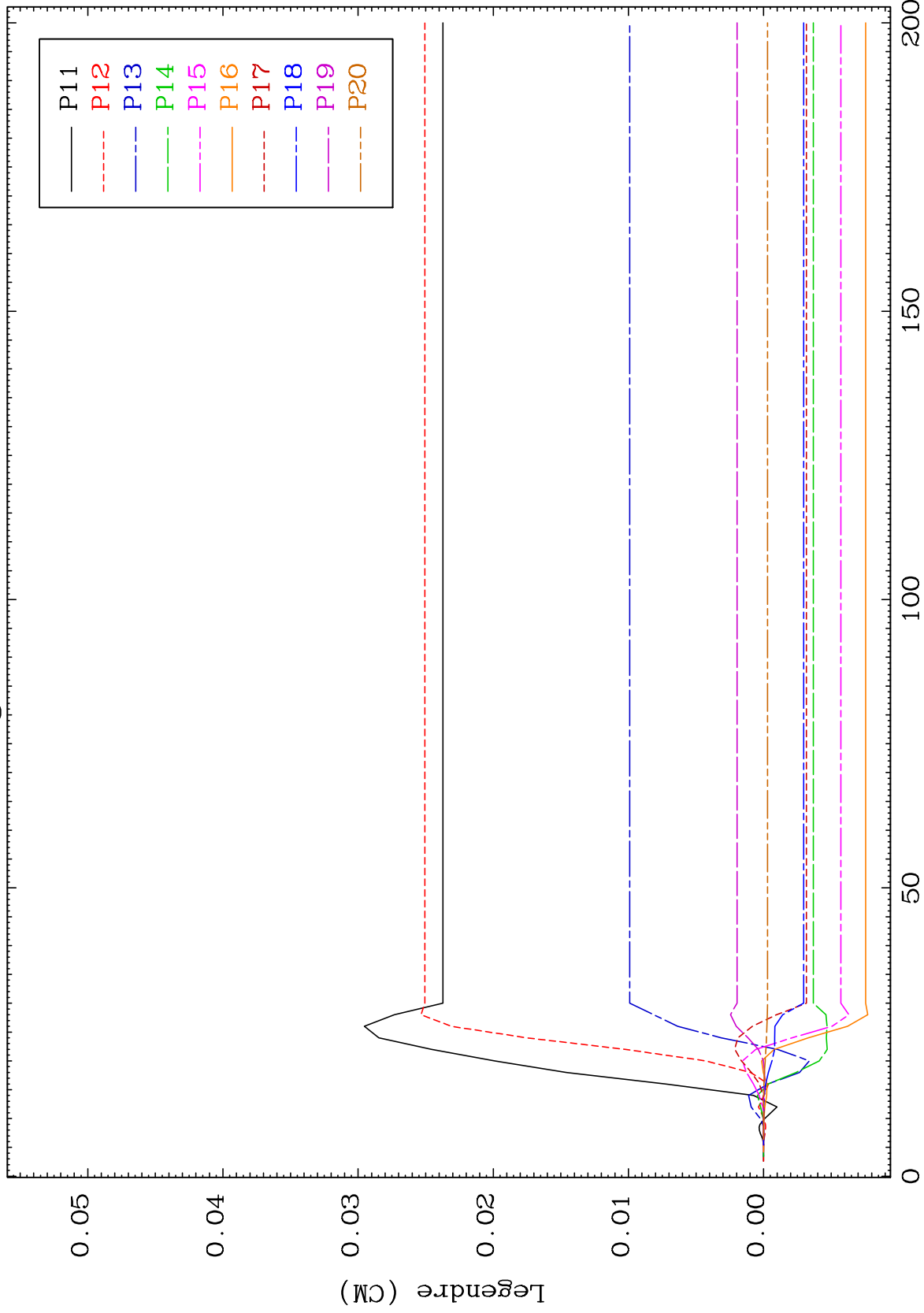




MAT 7870

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

78-Pt-205



109

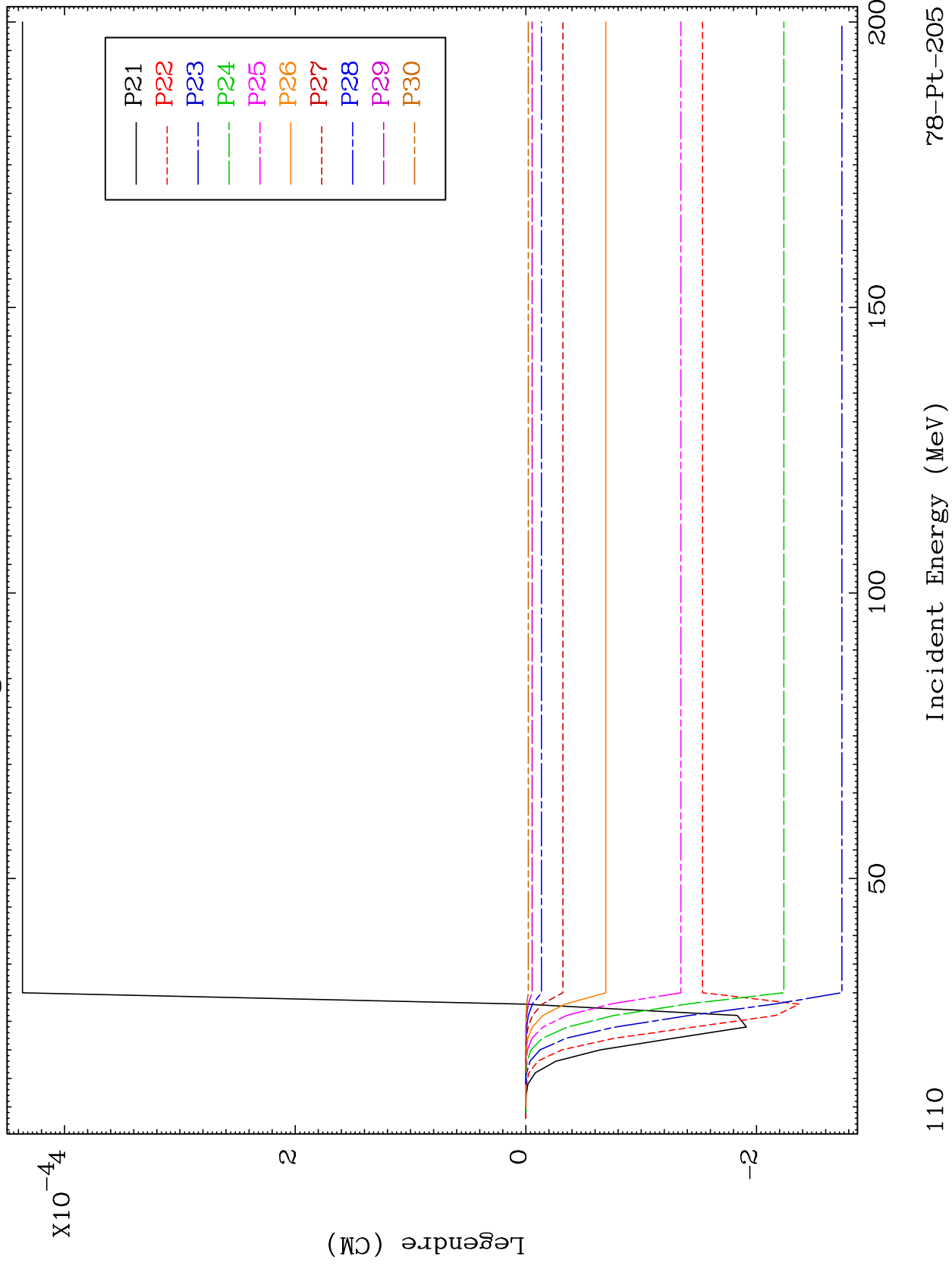
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

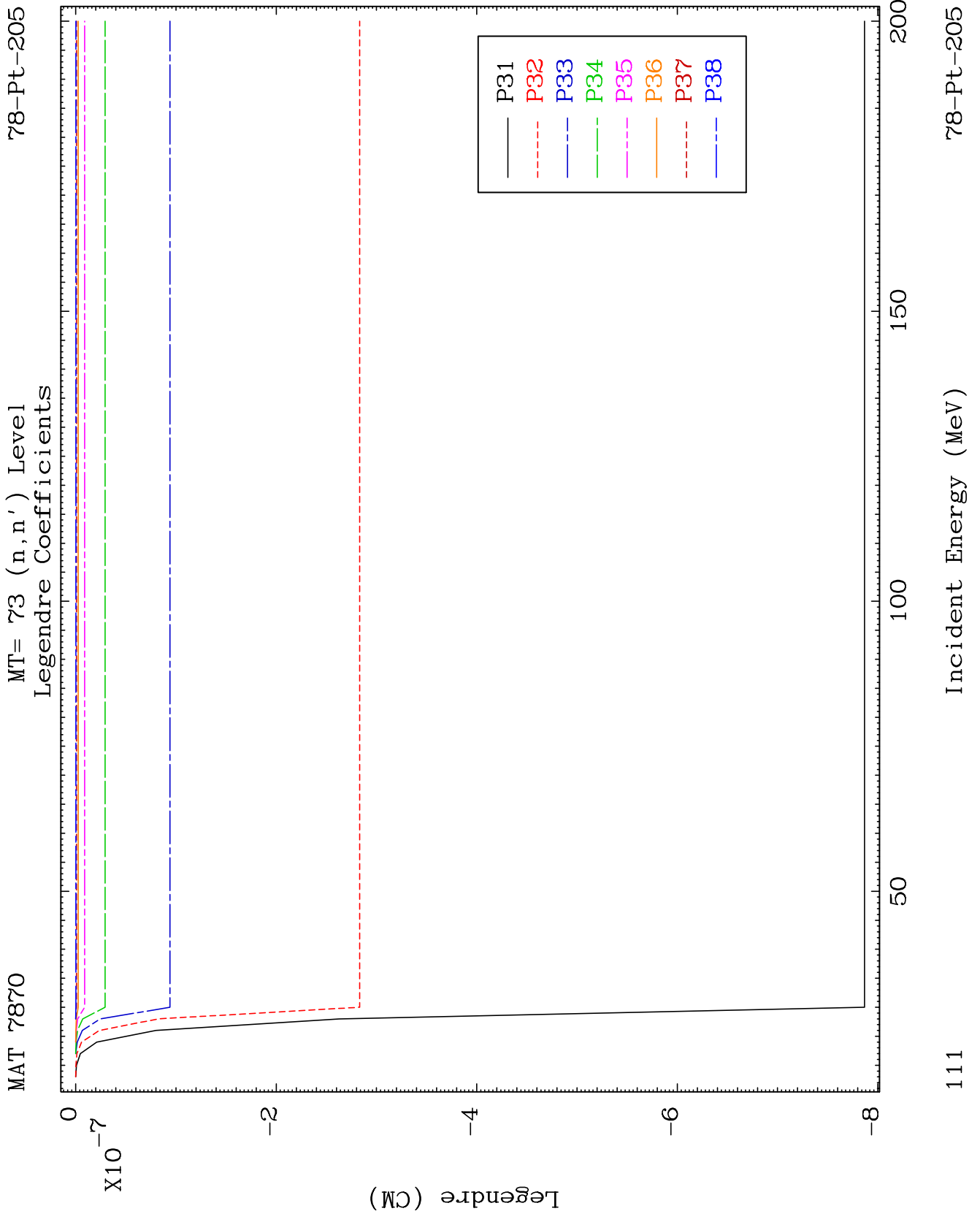
78-Pt-205

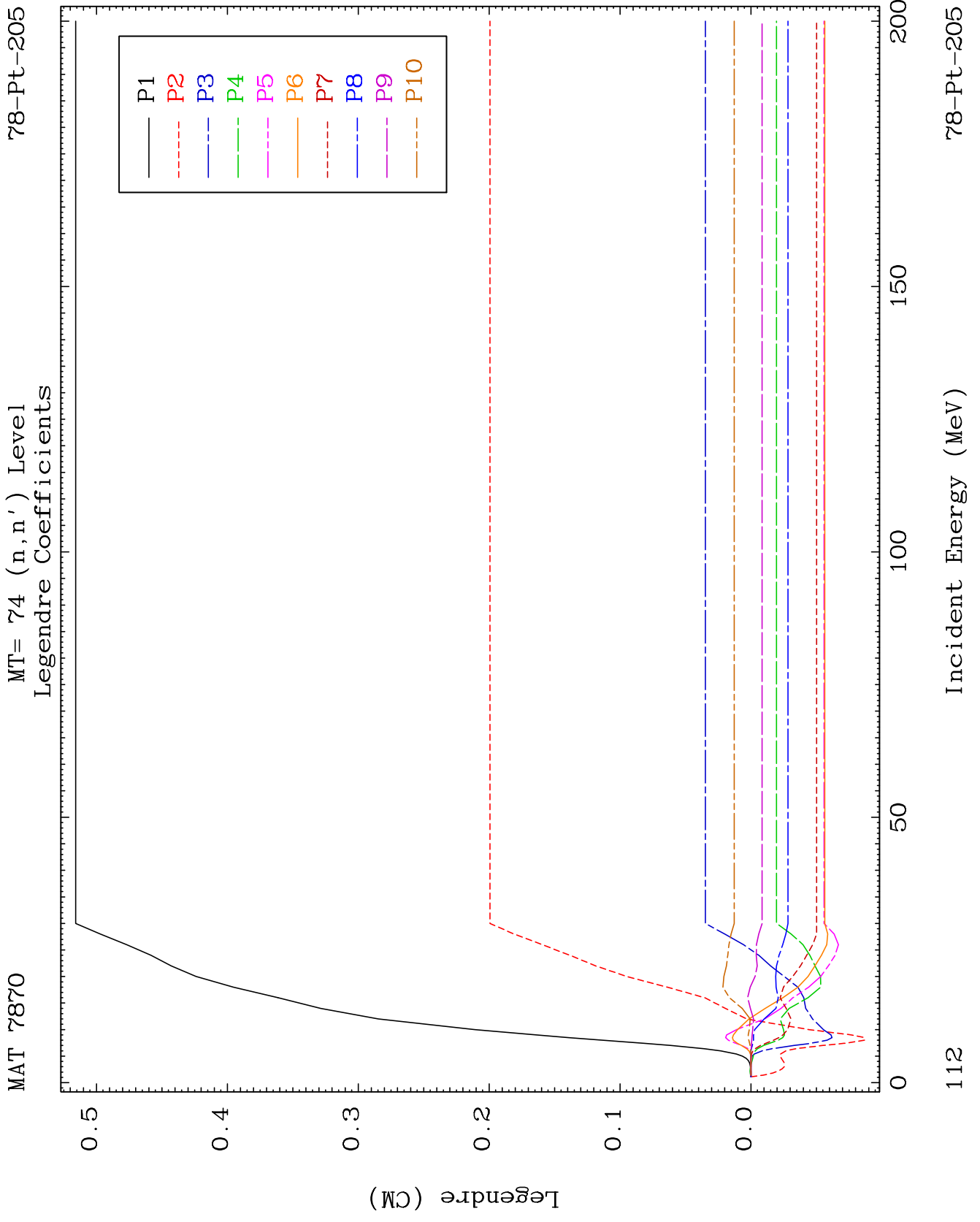


110

Incident Energy (MeV)

78-Pt-205

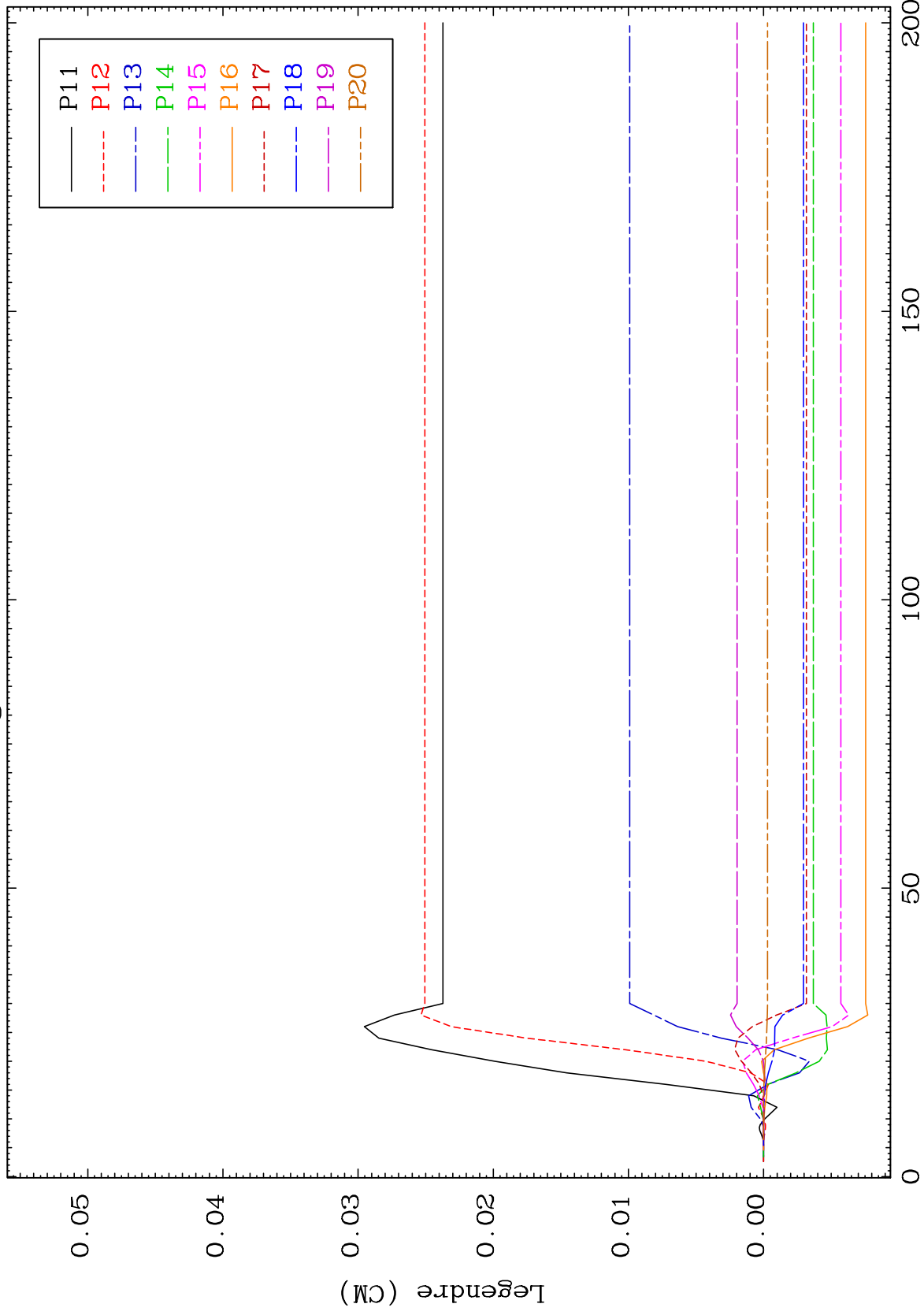




MAT 7870

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

78-Pt-205



113

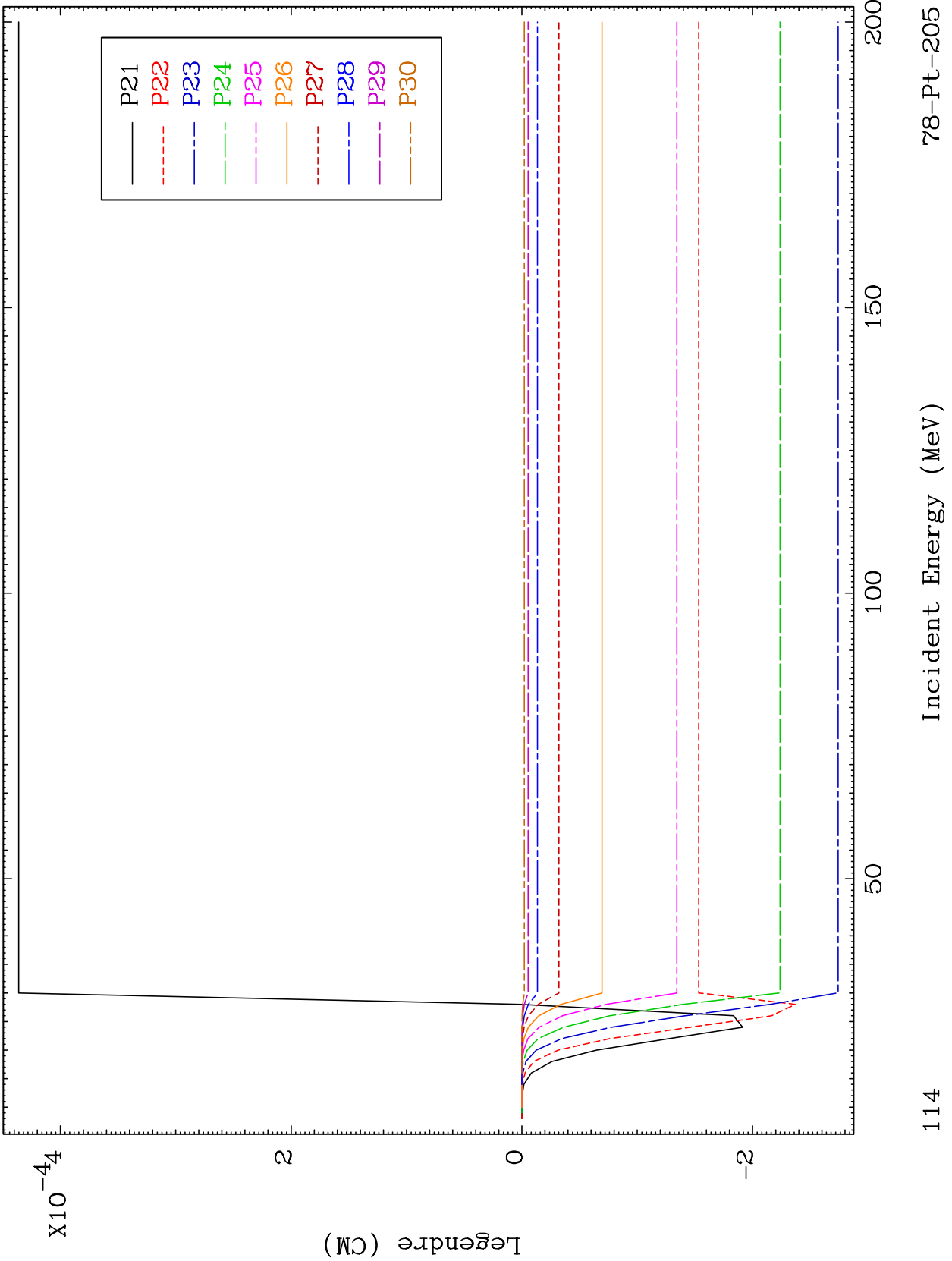
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

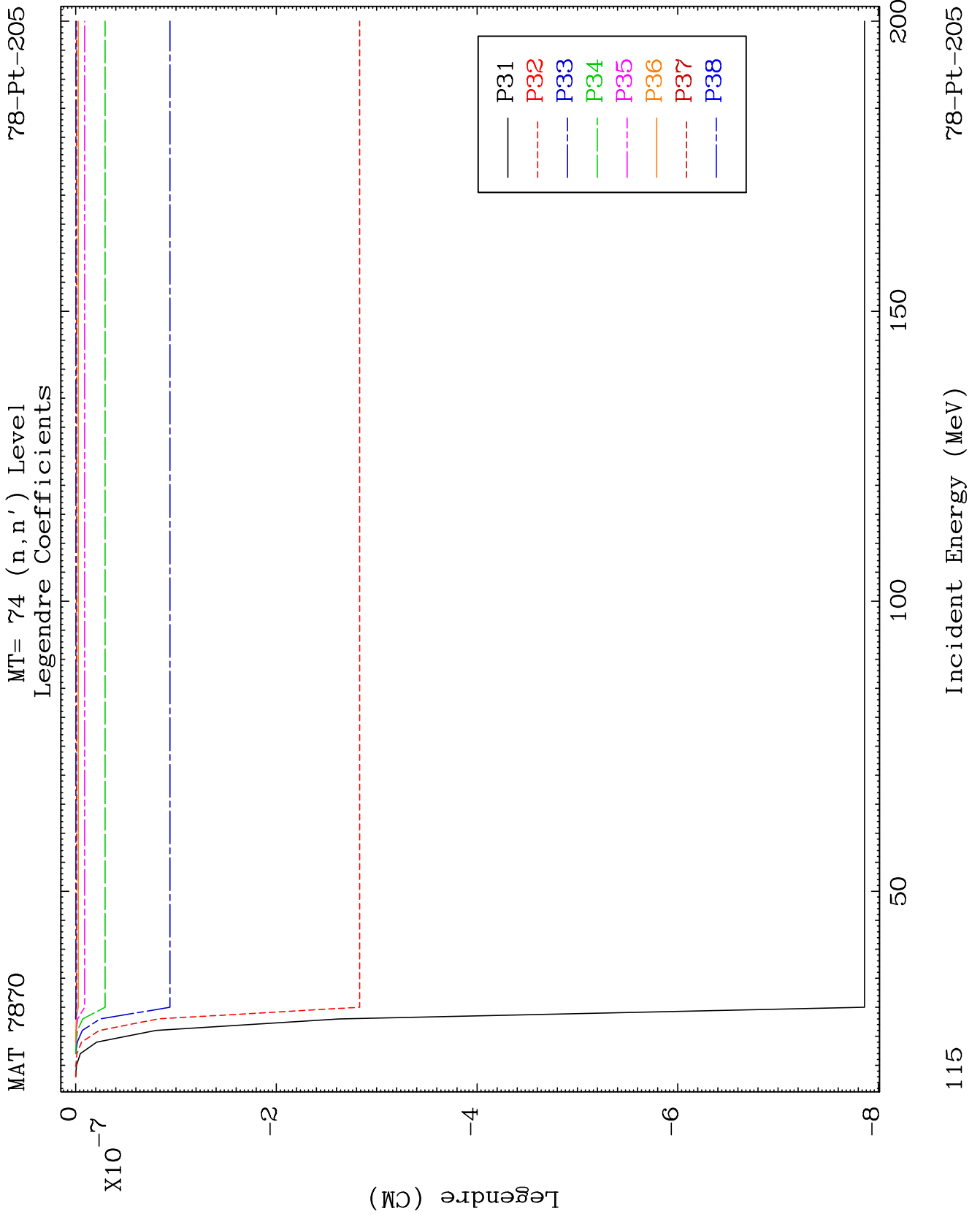
78-Pt-205

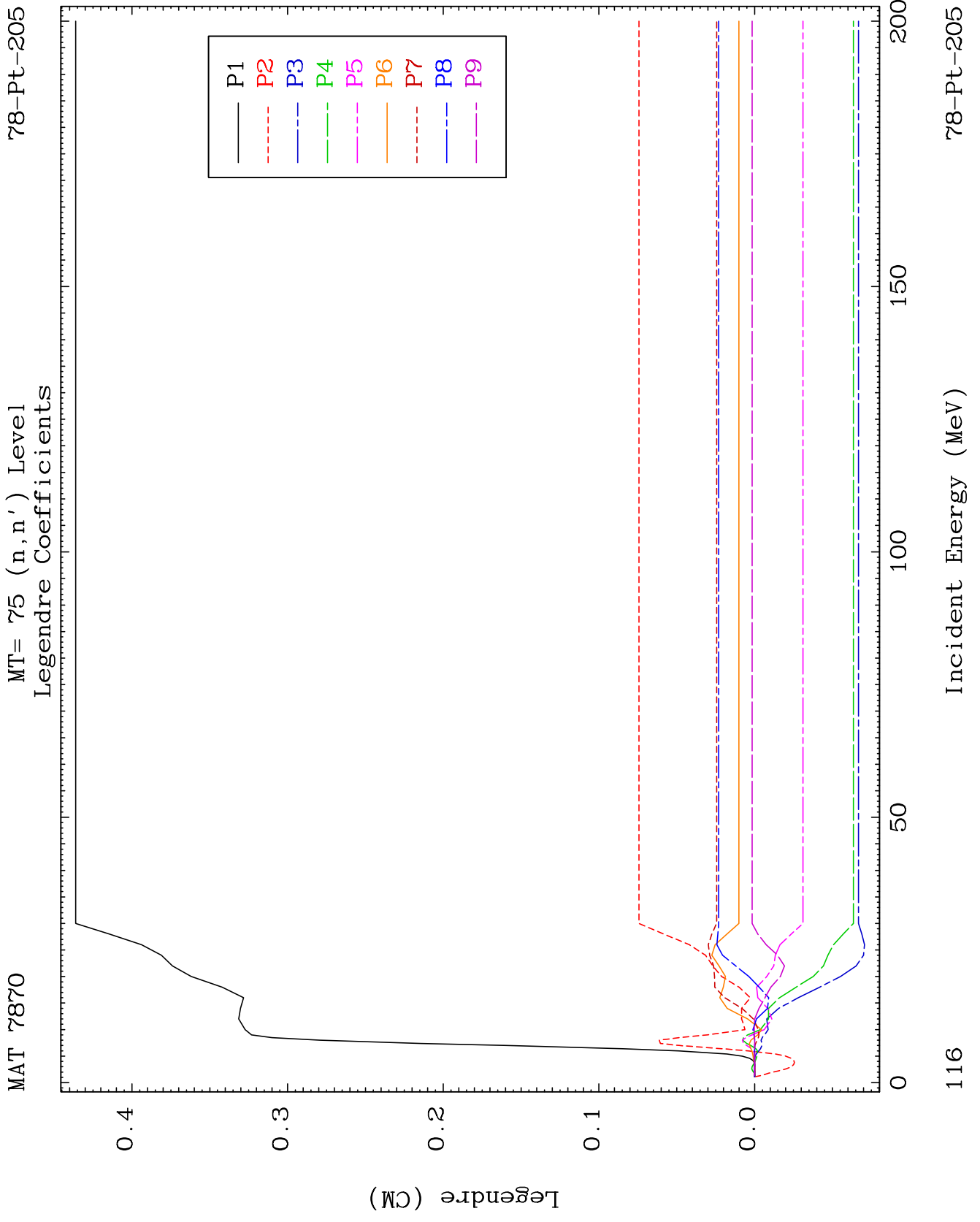


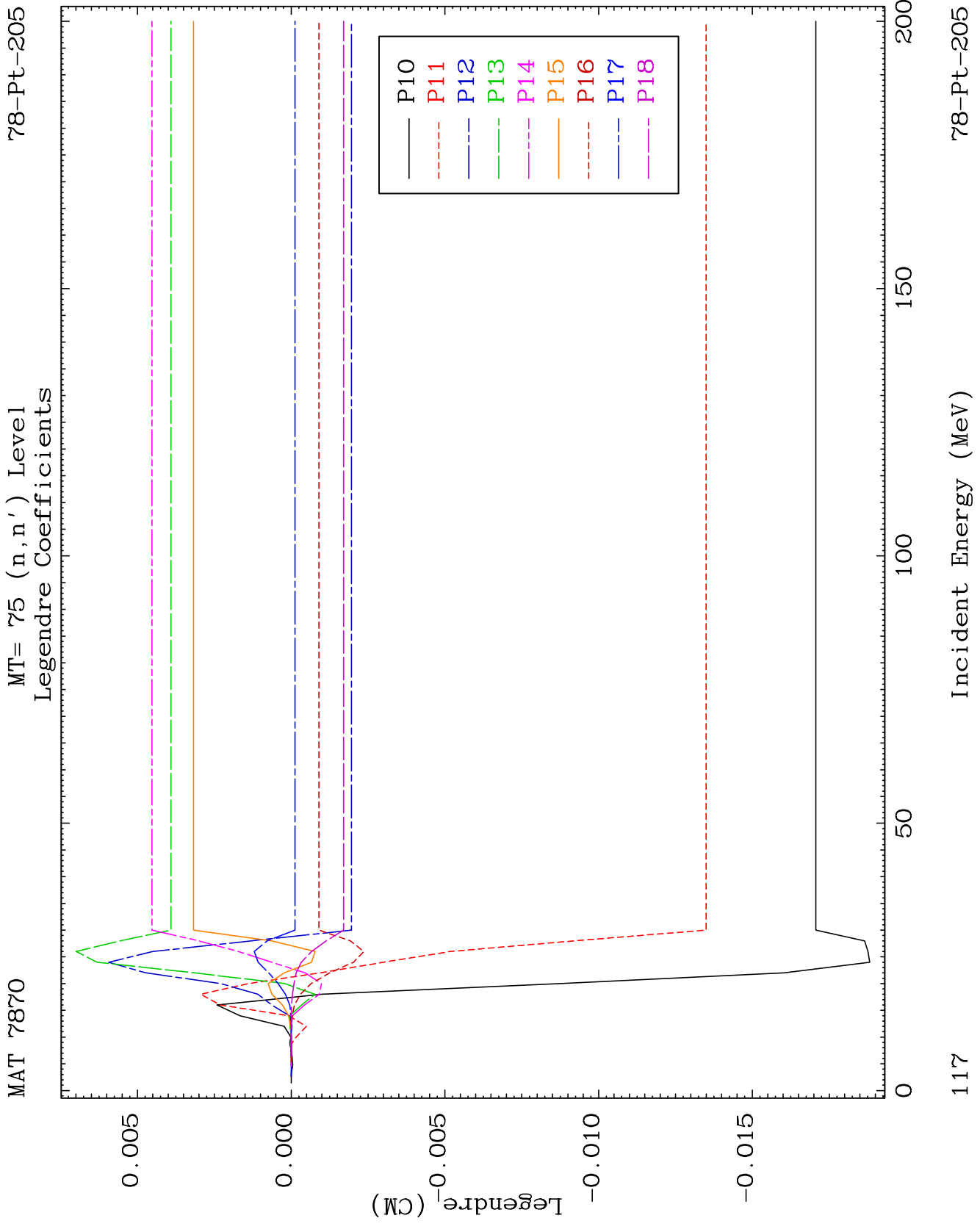
114

Incident Energy (MeV)

78-Pt-205



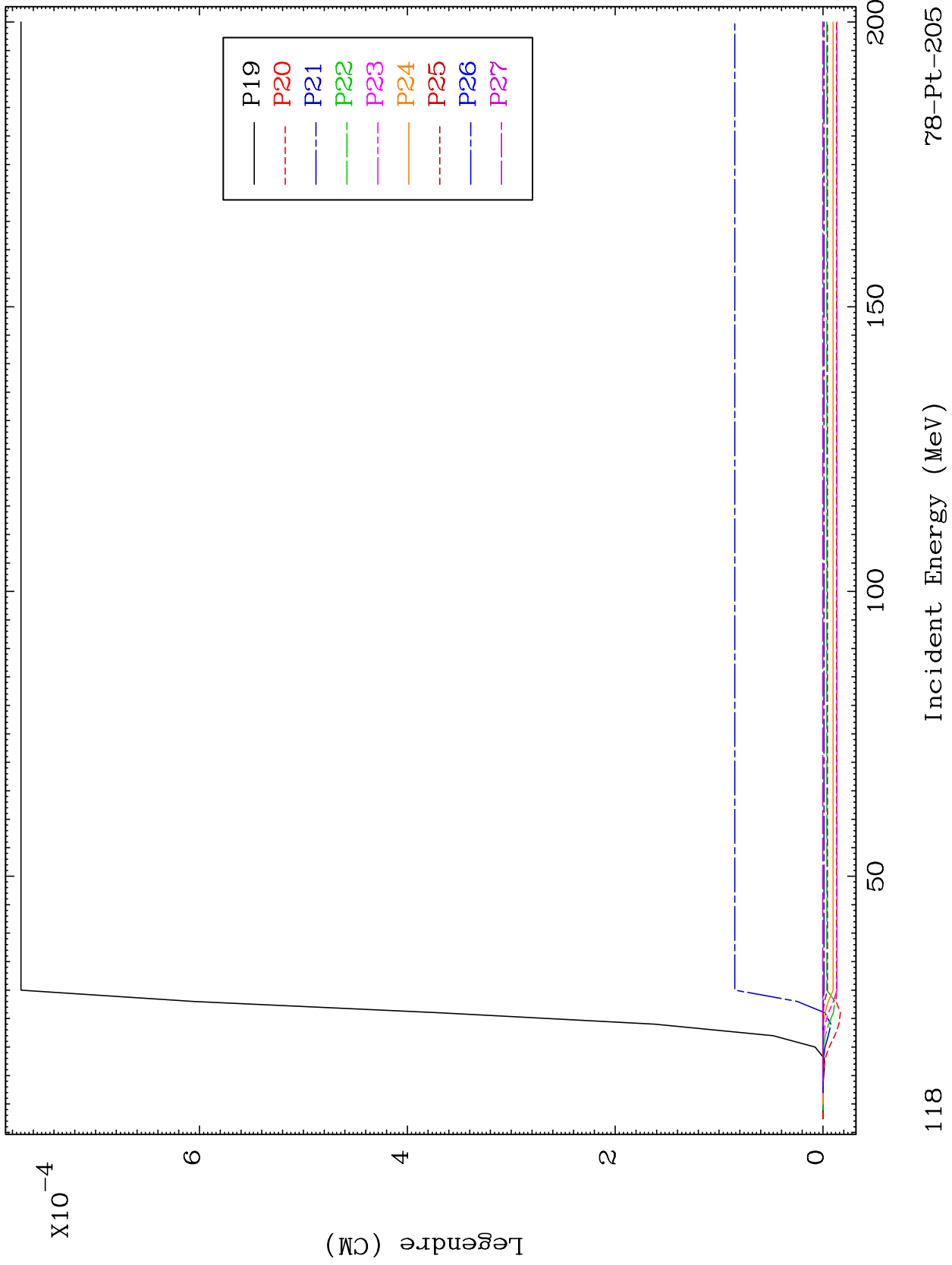




MAT 7870

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

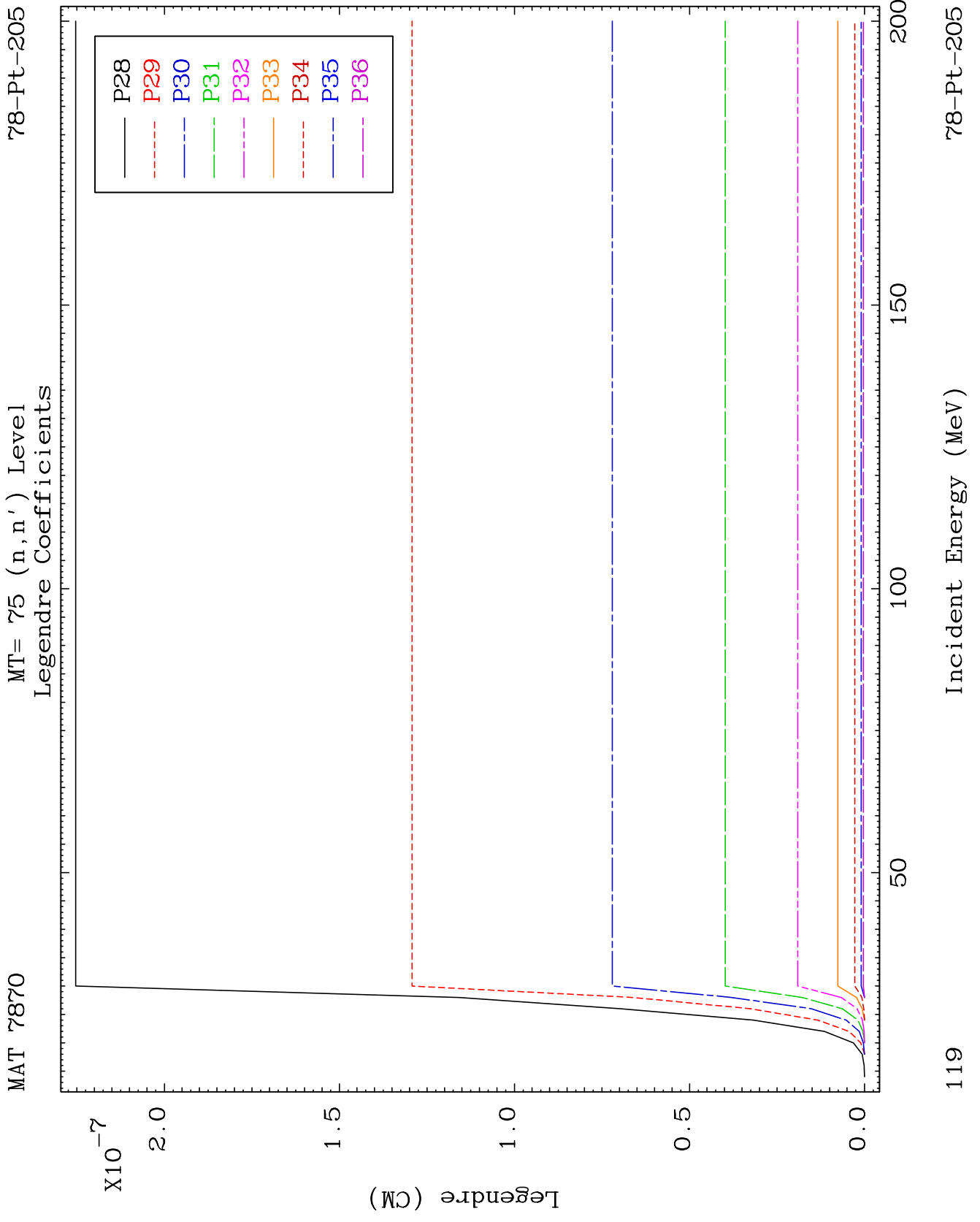
78-Pt-205

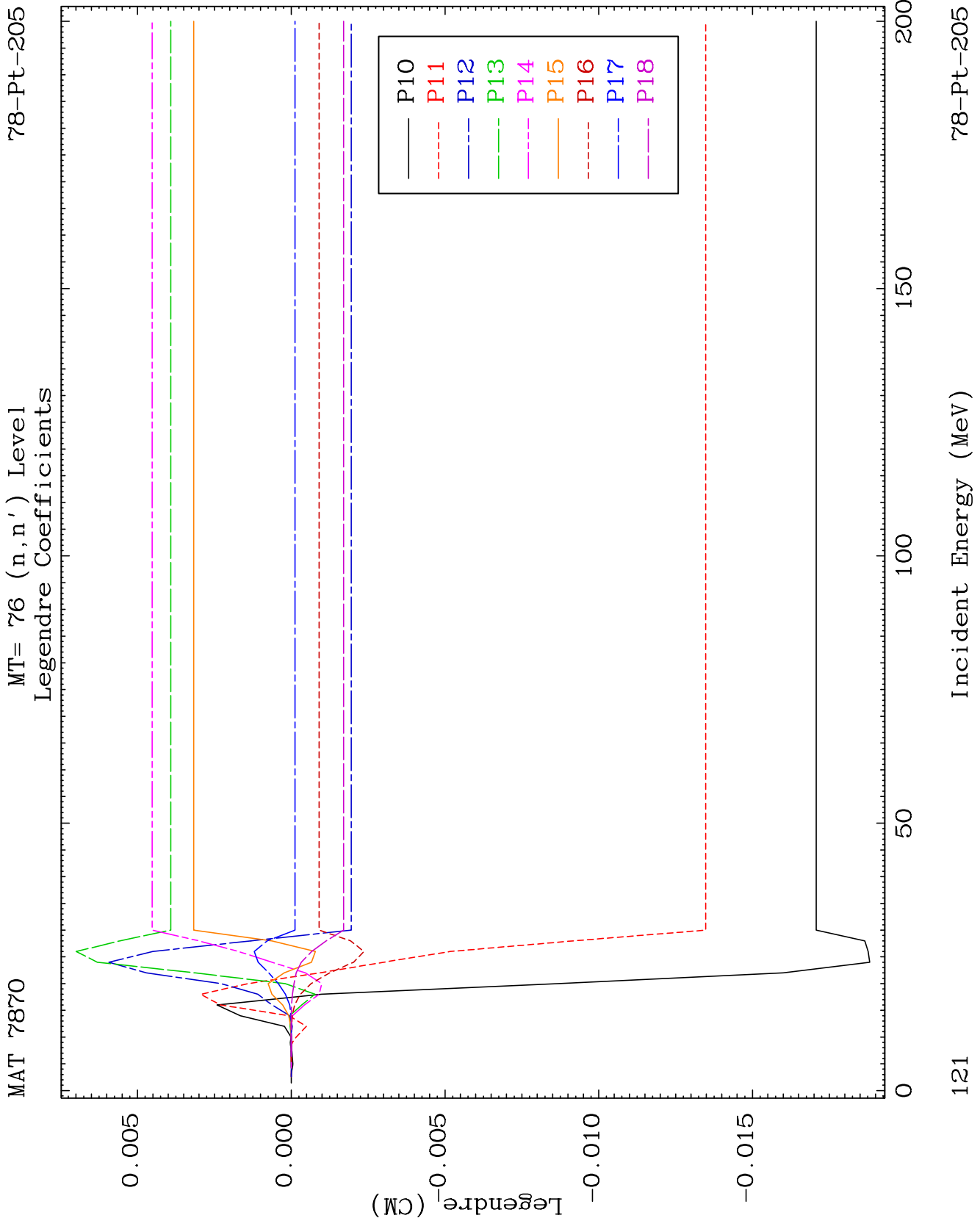


118

Incident Energy (MeV)

78-Pt-205

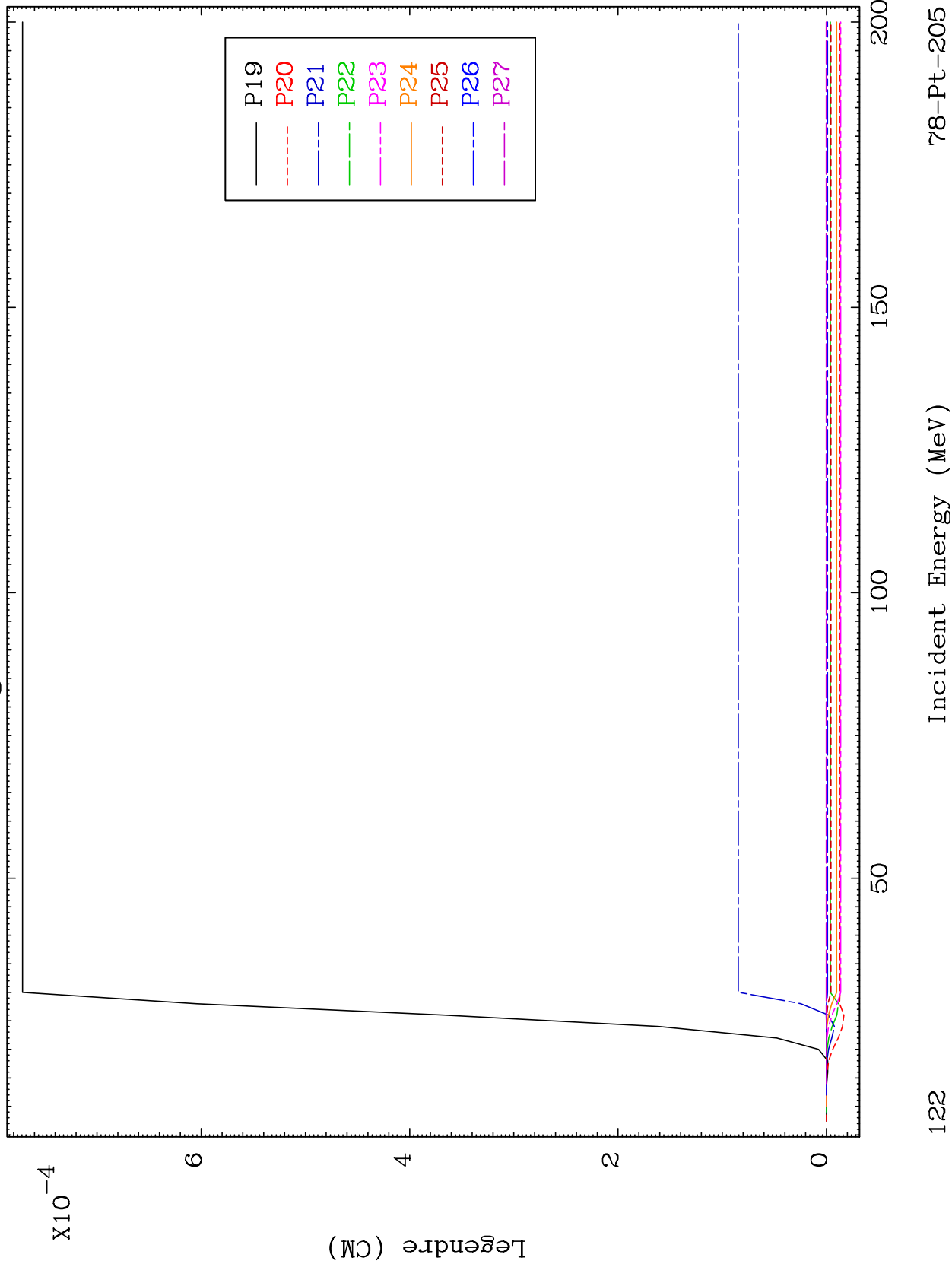




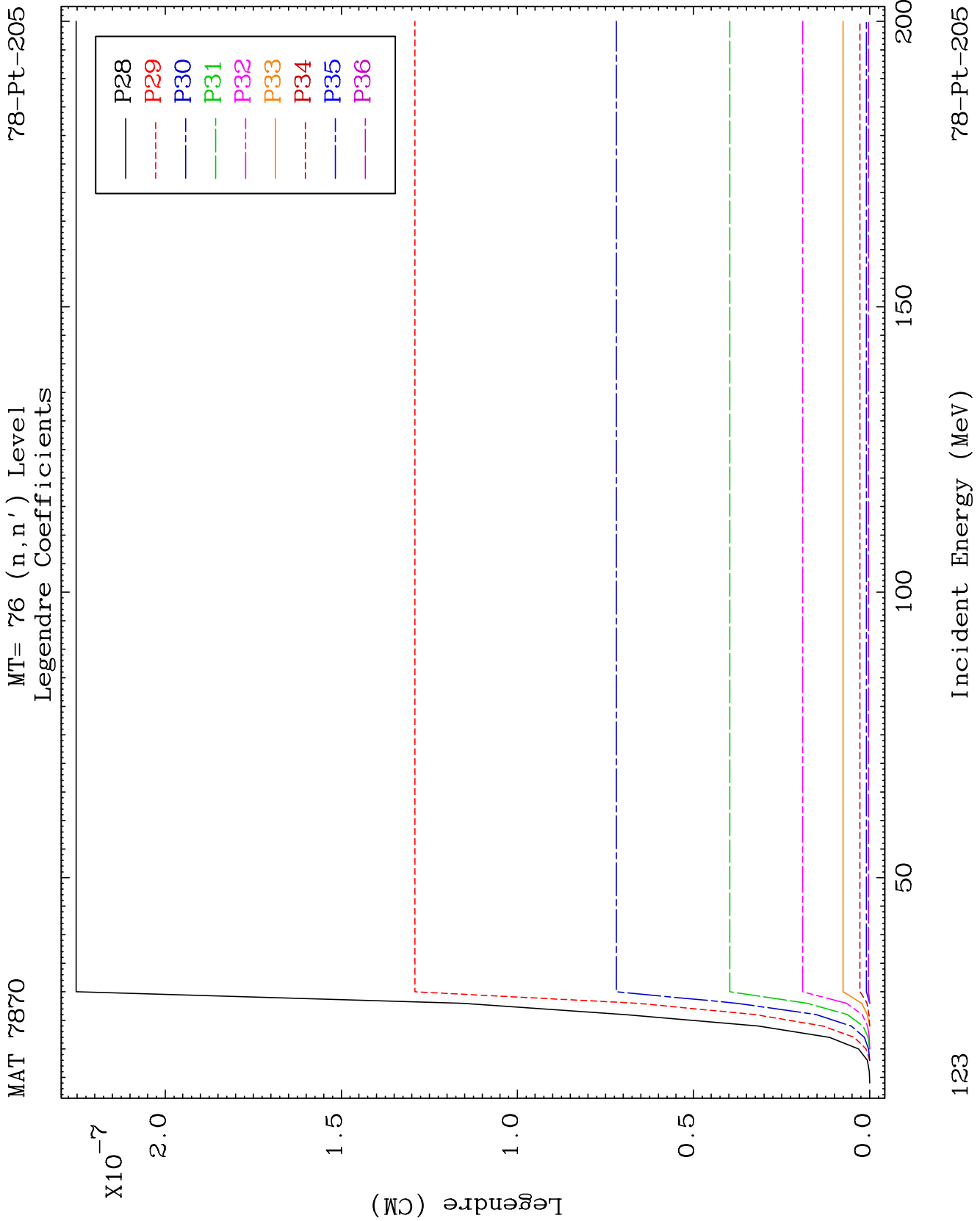
MAT 7870

MT= 76 (n,n') Level
Legendre Coefficients

78-Pt-205



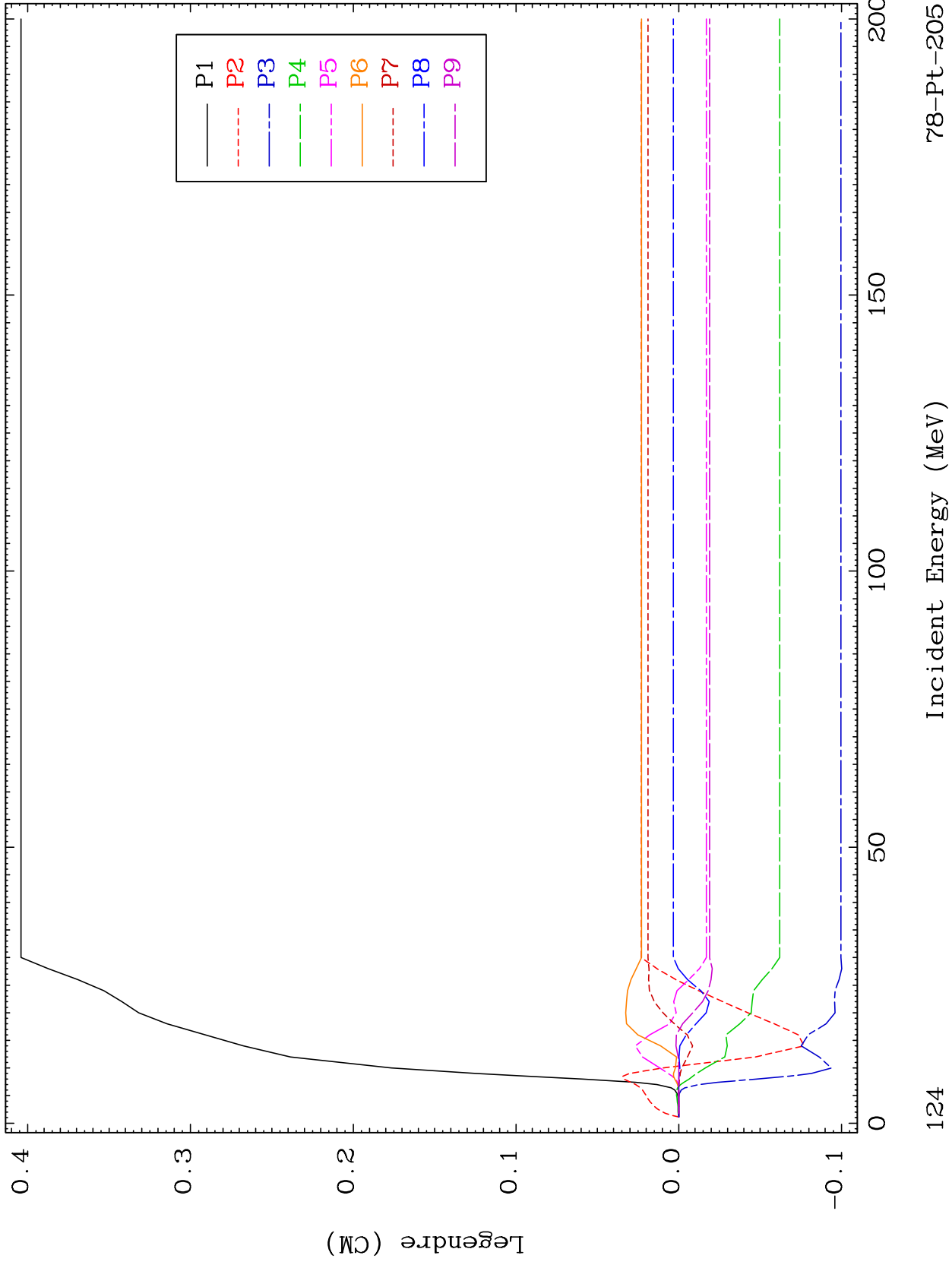
122



MAT 7870

MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-205



124

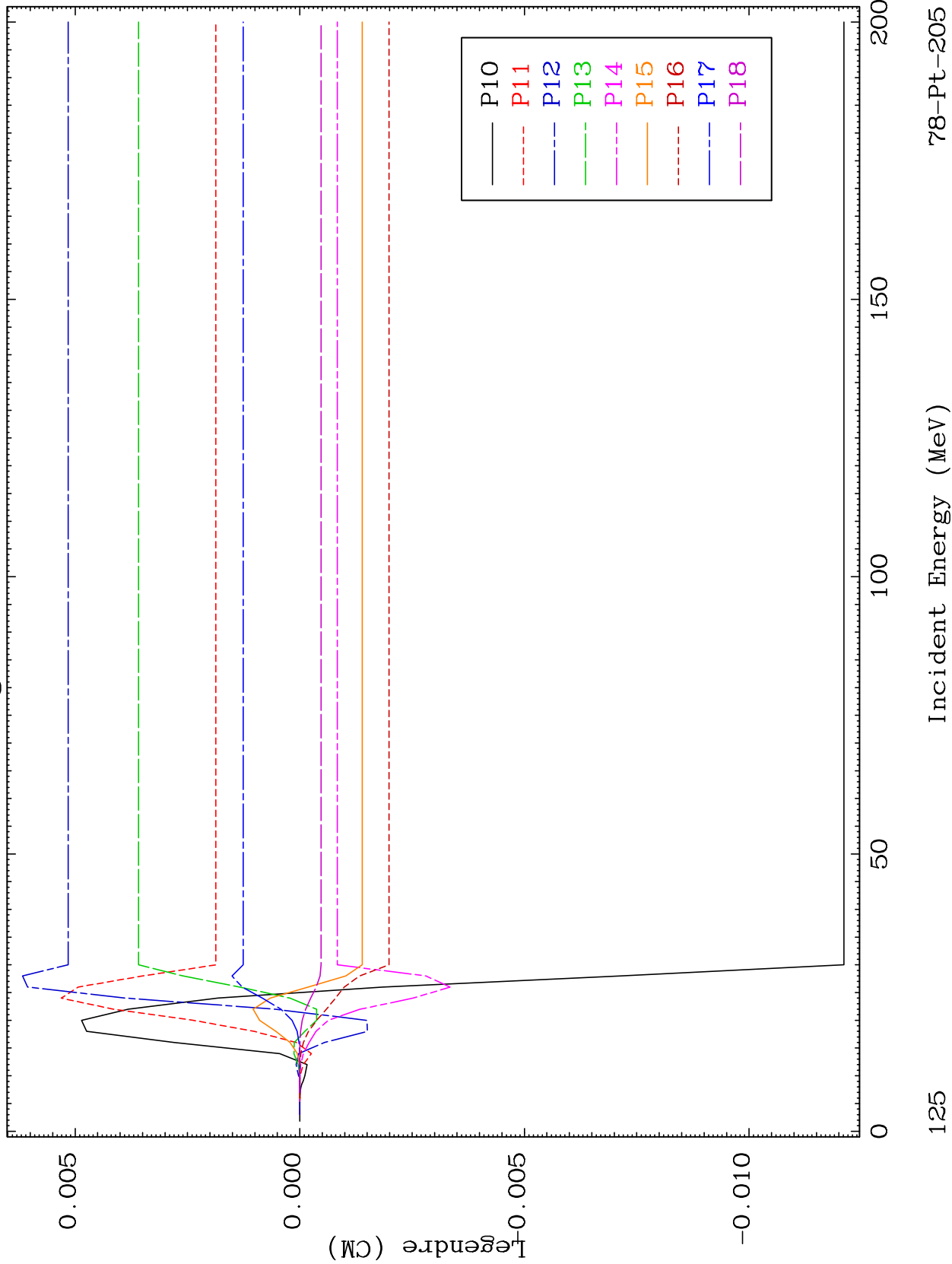
Incident Energy (MeV)

78-Pt-205

MAT 7870

MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-205



78-Pt-205

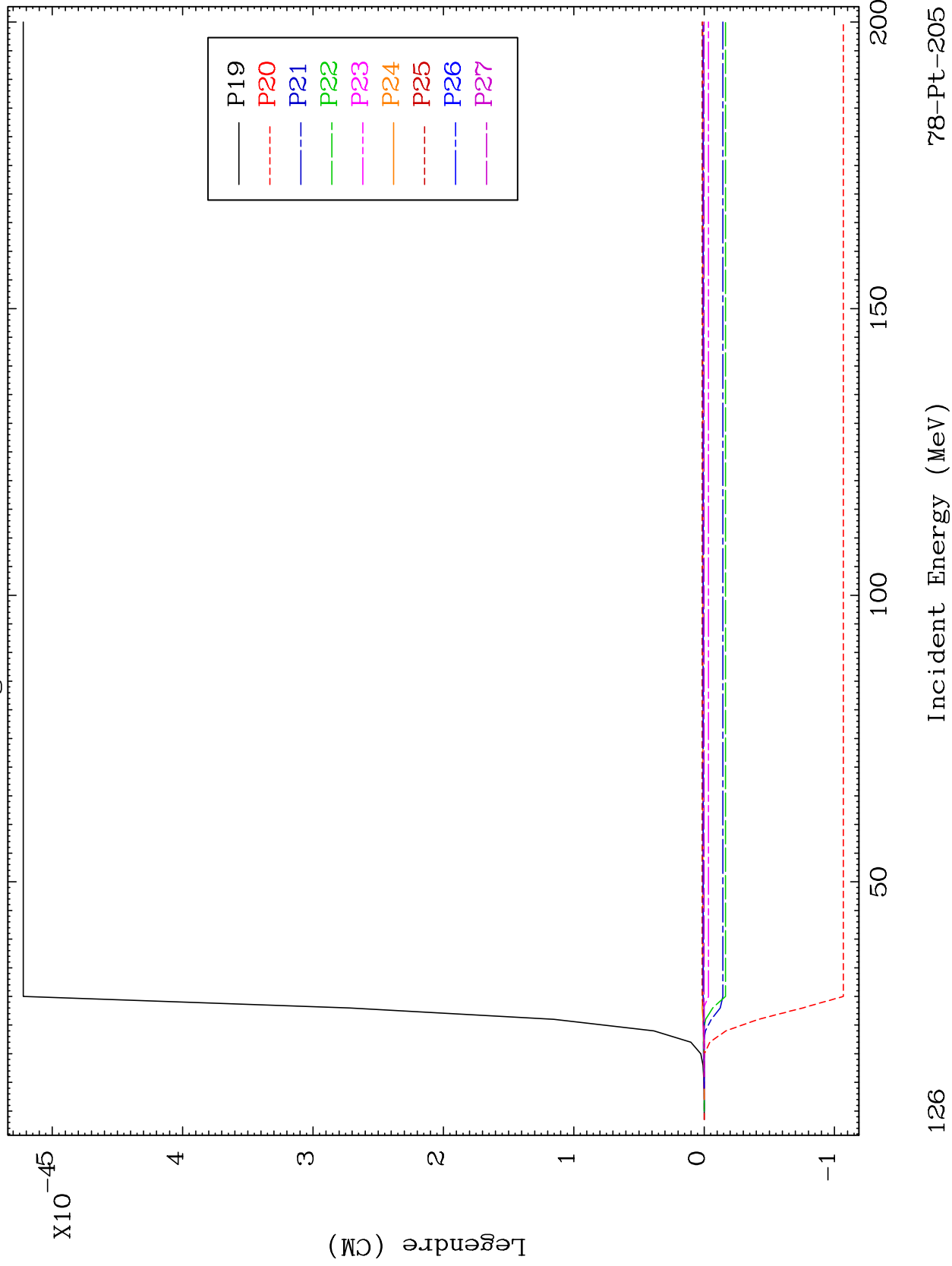
Incident Energy (MeV)

125

MAT 7870

MT= 77 (n,n') Level
Legendre Coefficients

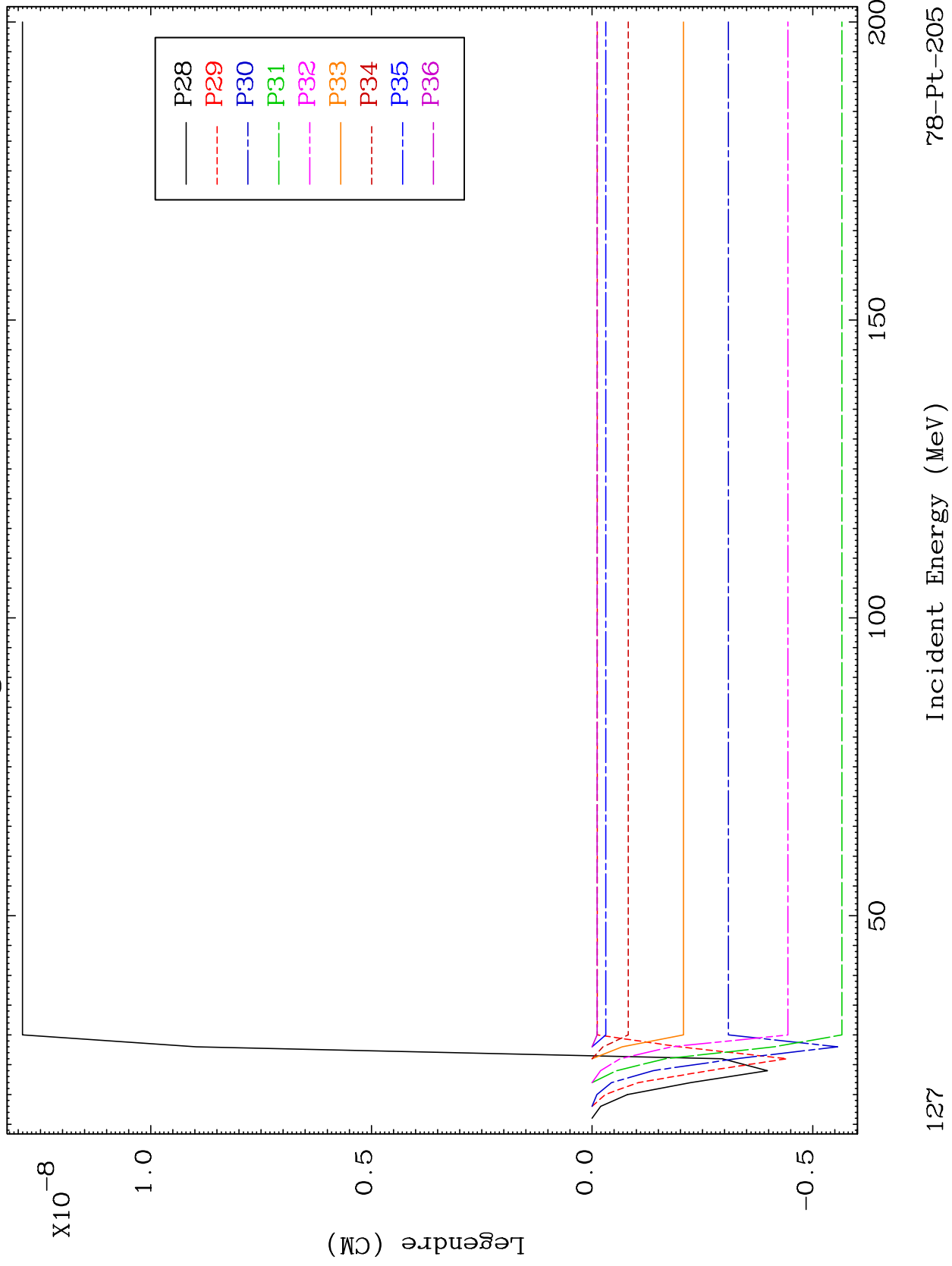
78-Pt-205

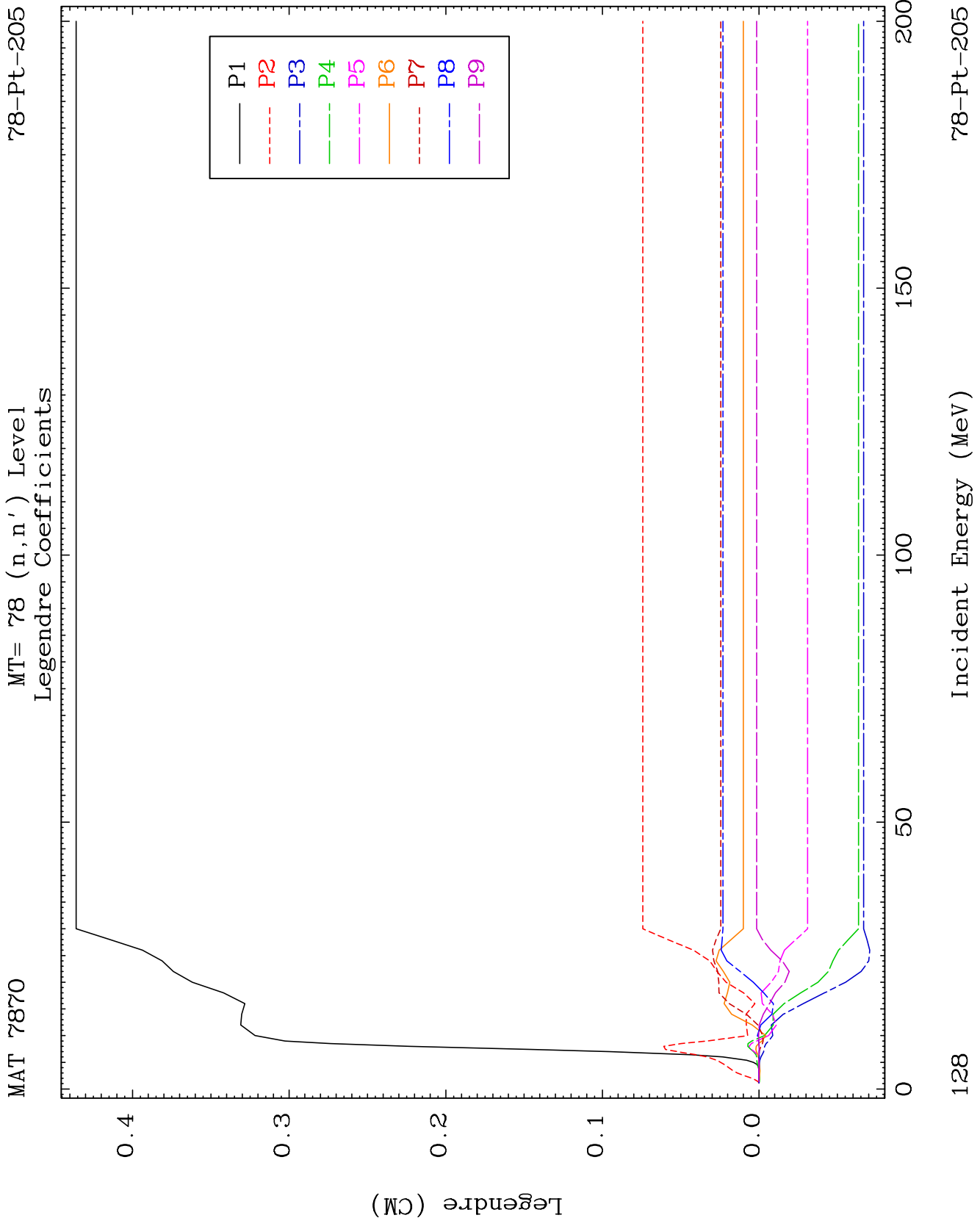


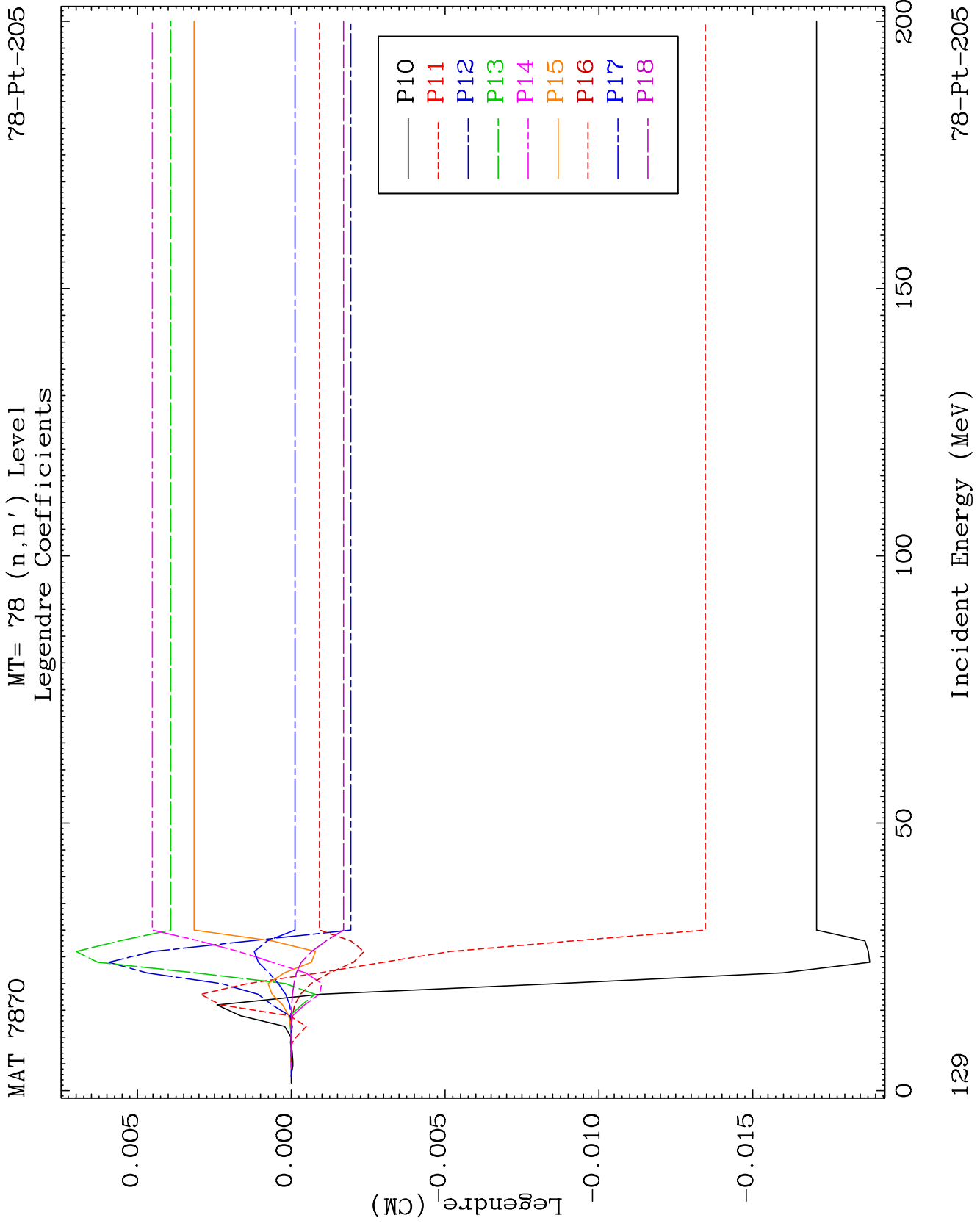
MAT 7870

MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-205



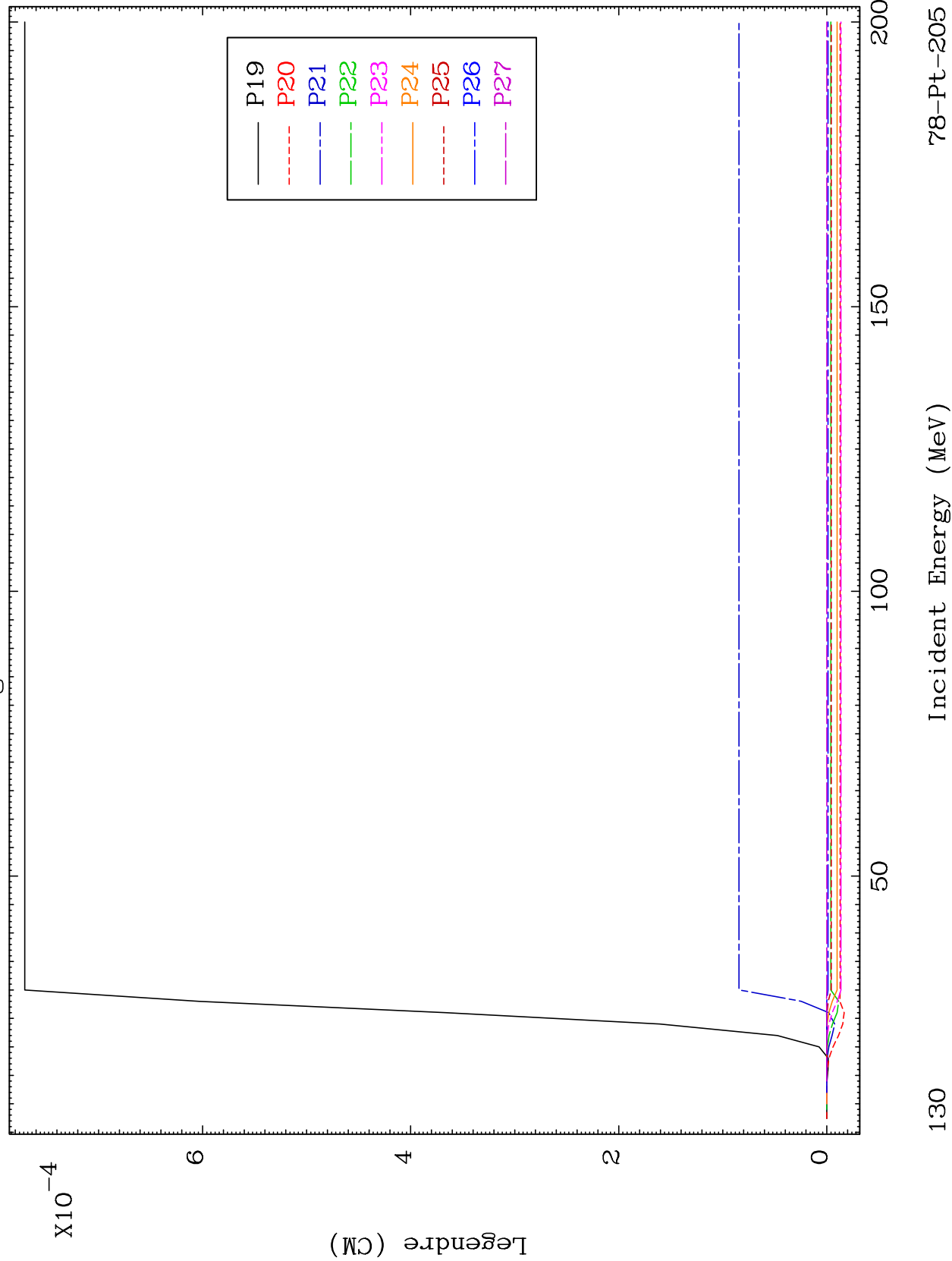


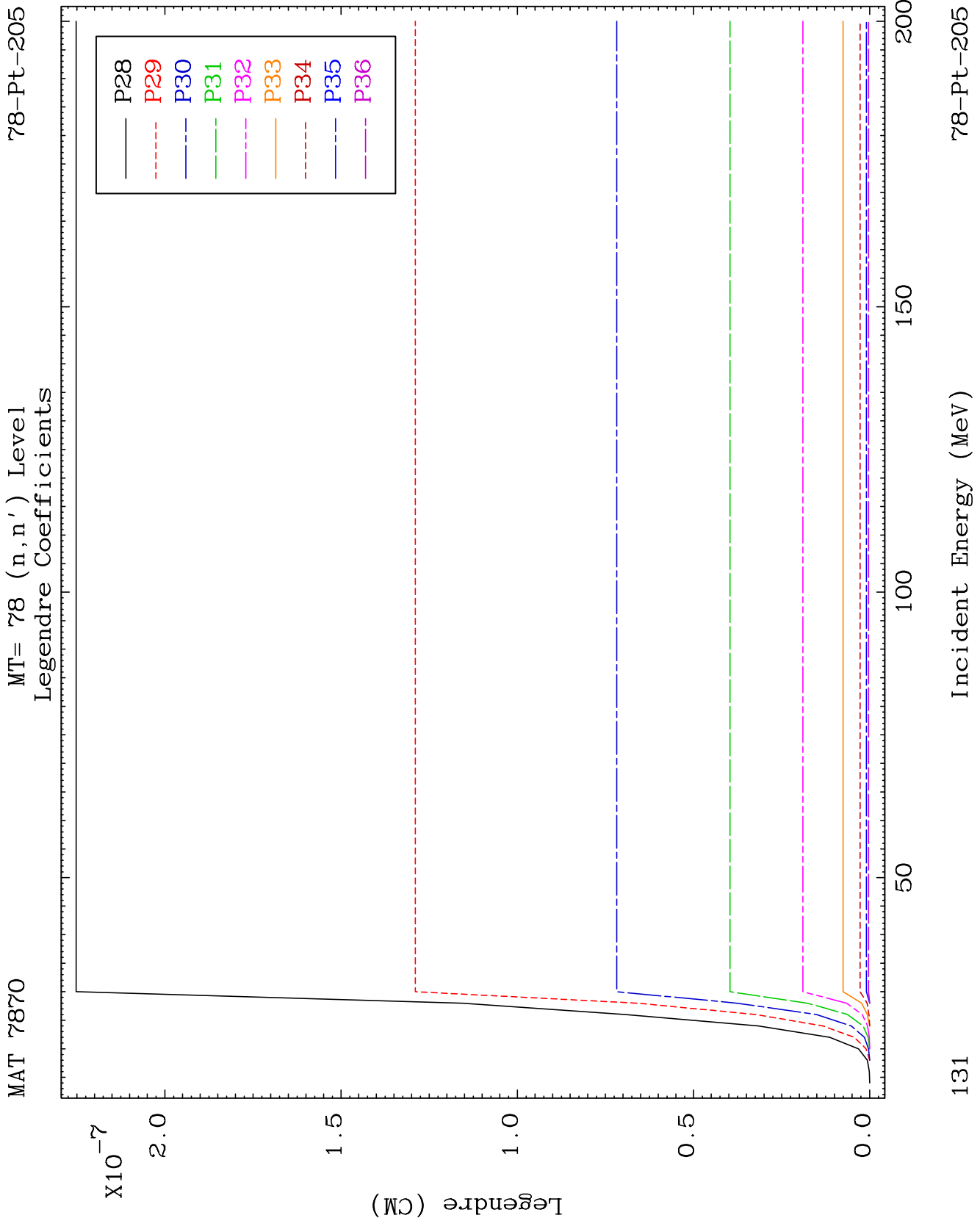


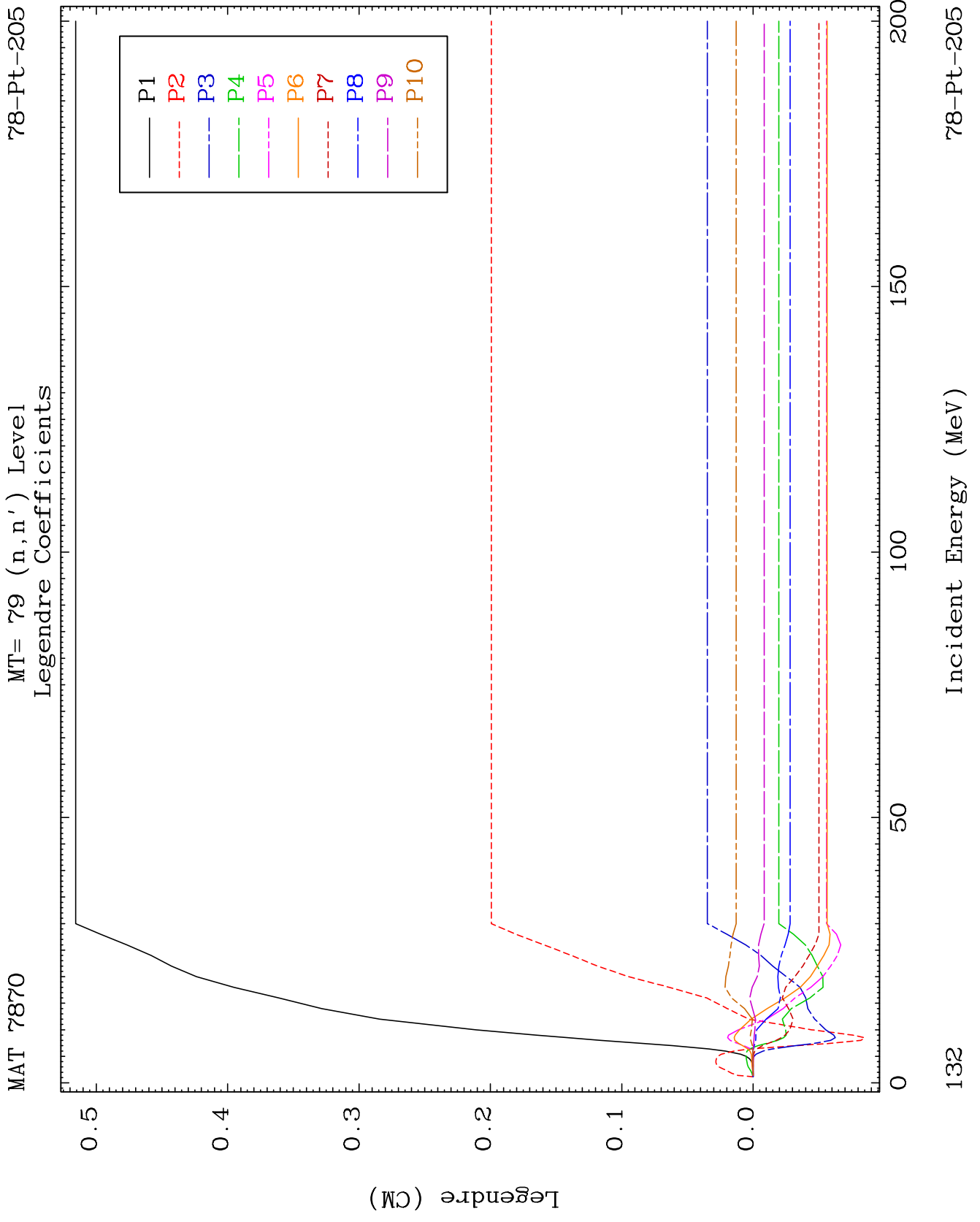
MAT 7870

MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-205



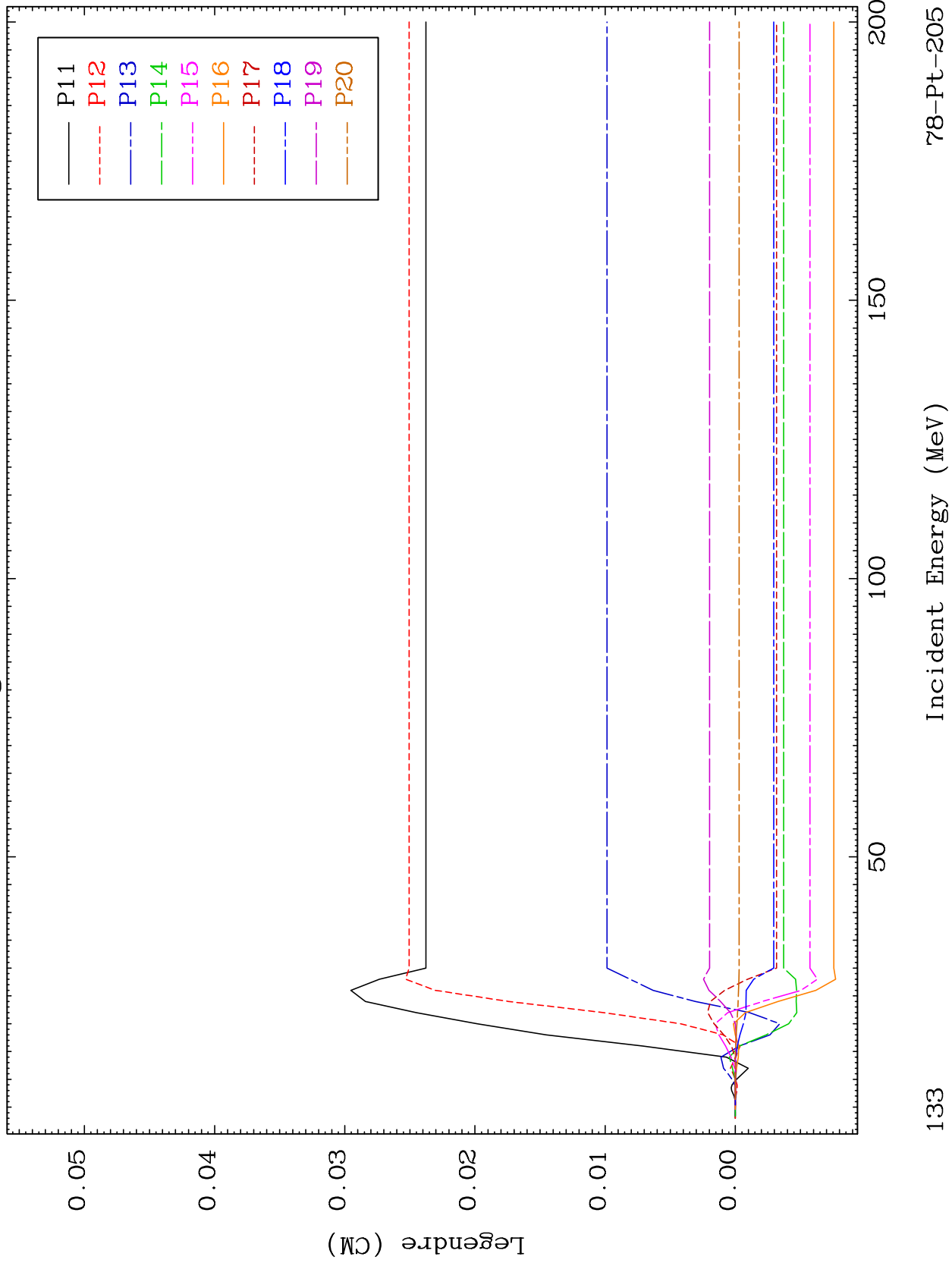




MAT 7870

MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-205



133

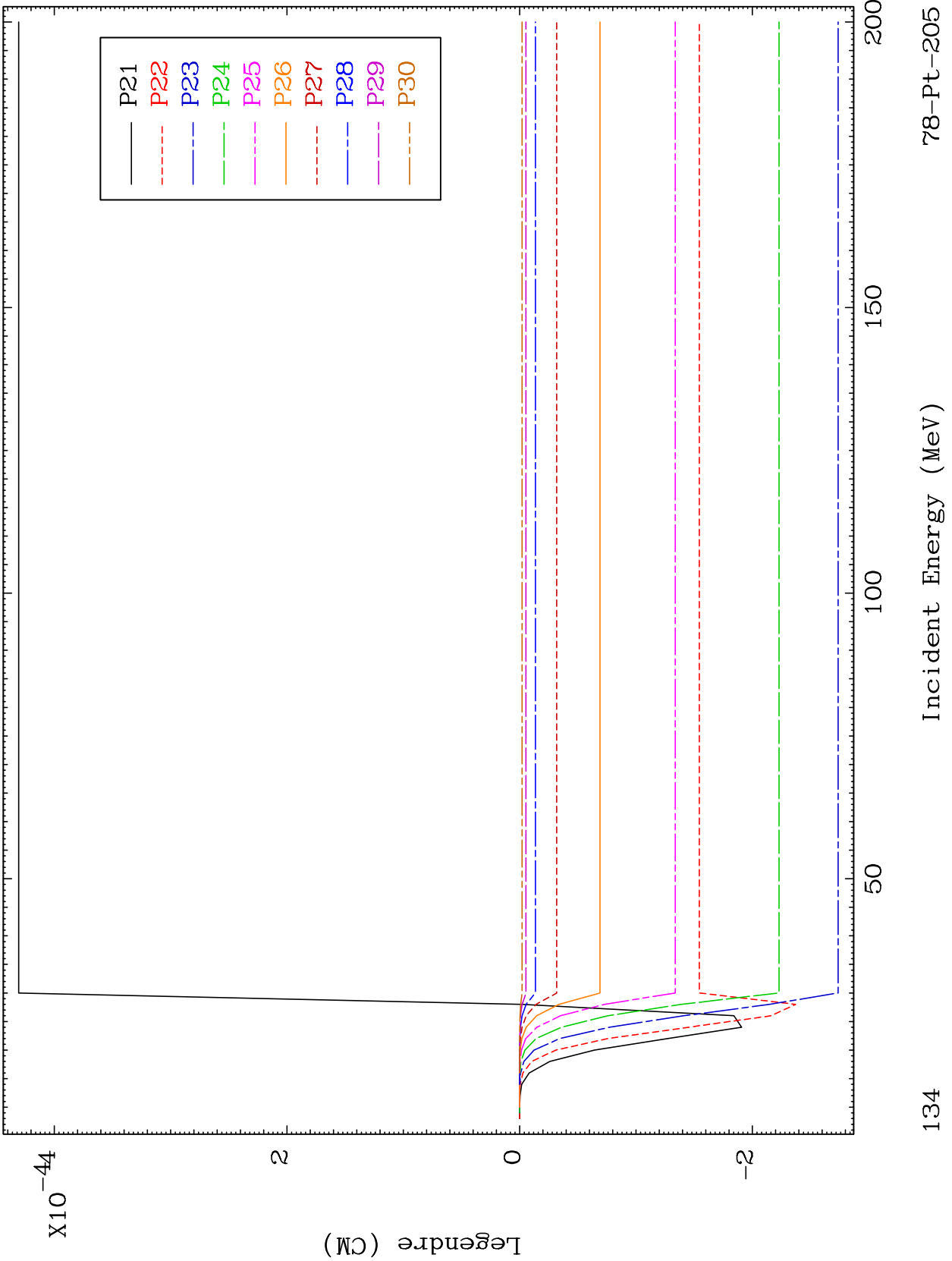
Incident Energy (MeV)

78-Pt-205

MAT 7870

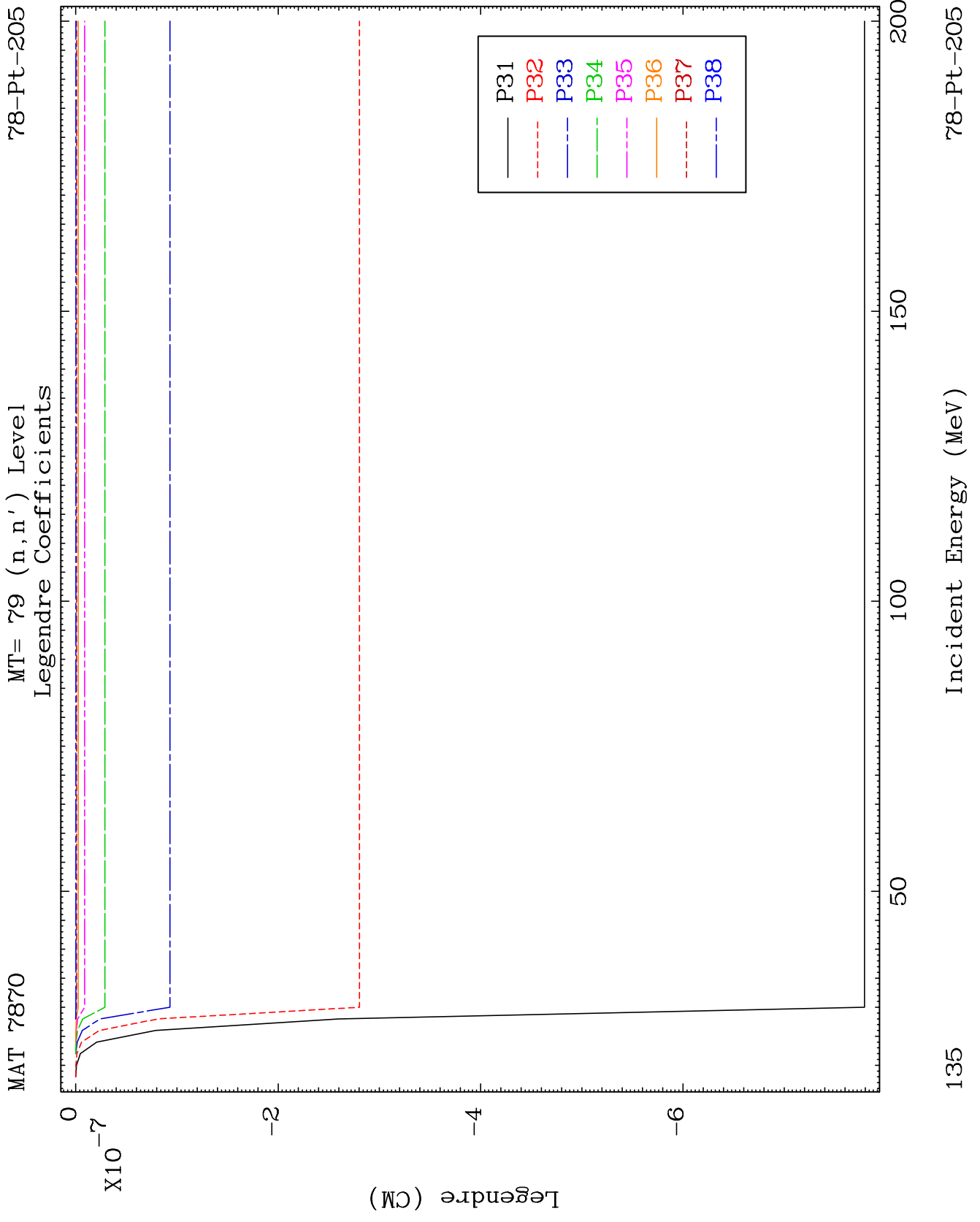
MT= 79 (n,n') Level
Legendre Coefficients

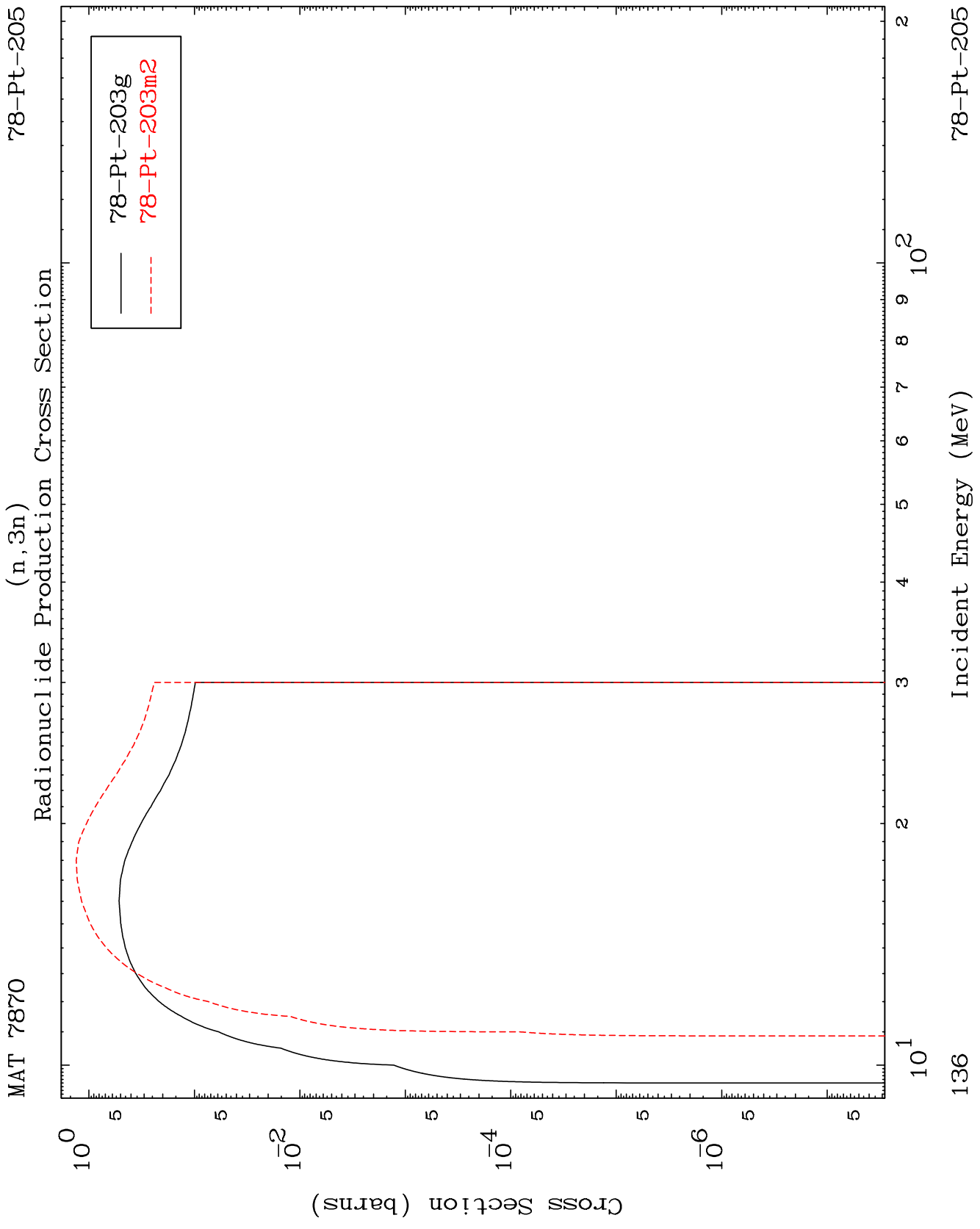
78-Pt-205



134

78-Pt-205



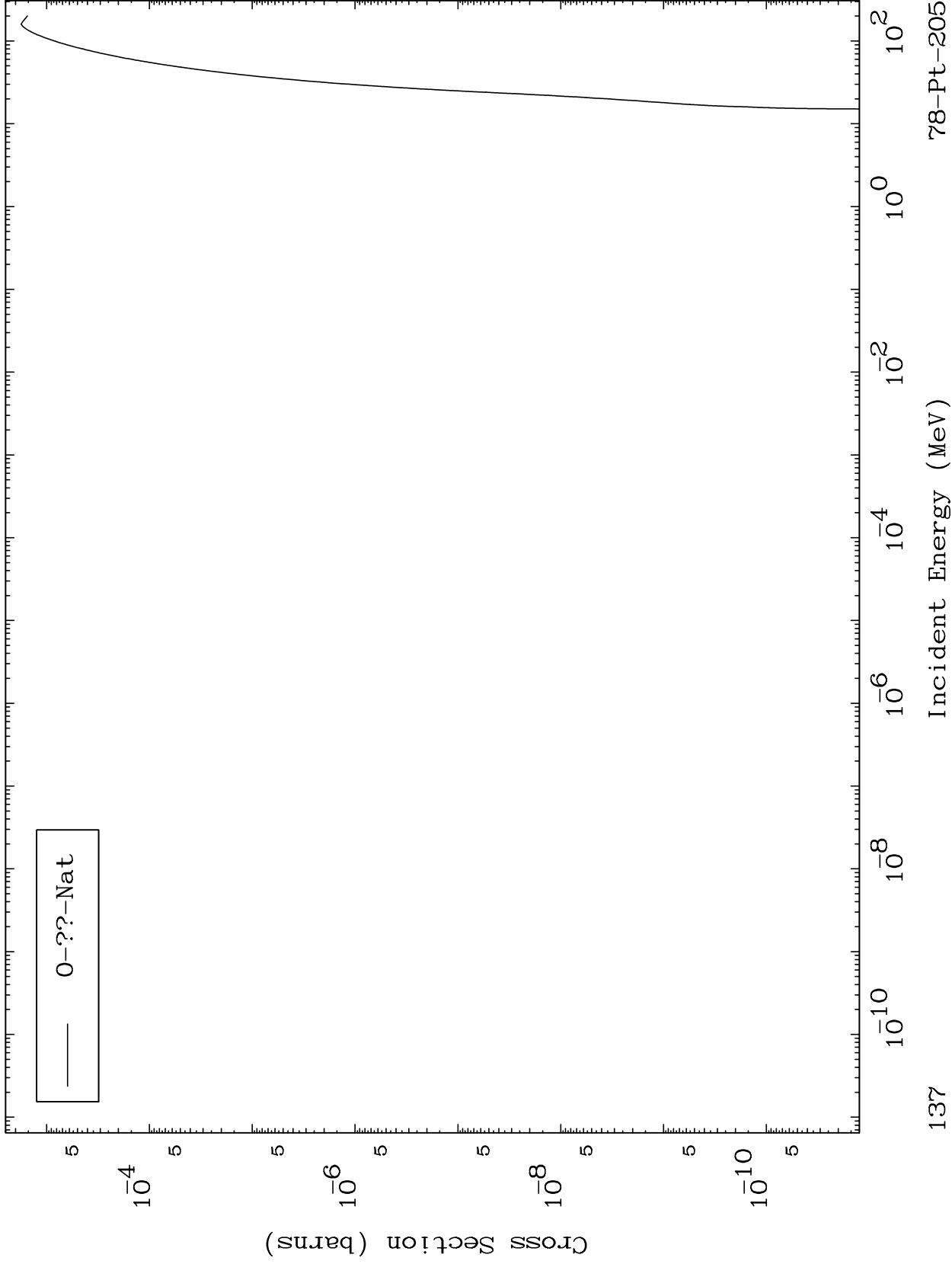


MAT 7870

Fission

78-Pt-205

Radionuclide Production Cross Section



137

Incident Energy (MeV)

78-Pt-205