

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

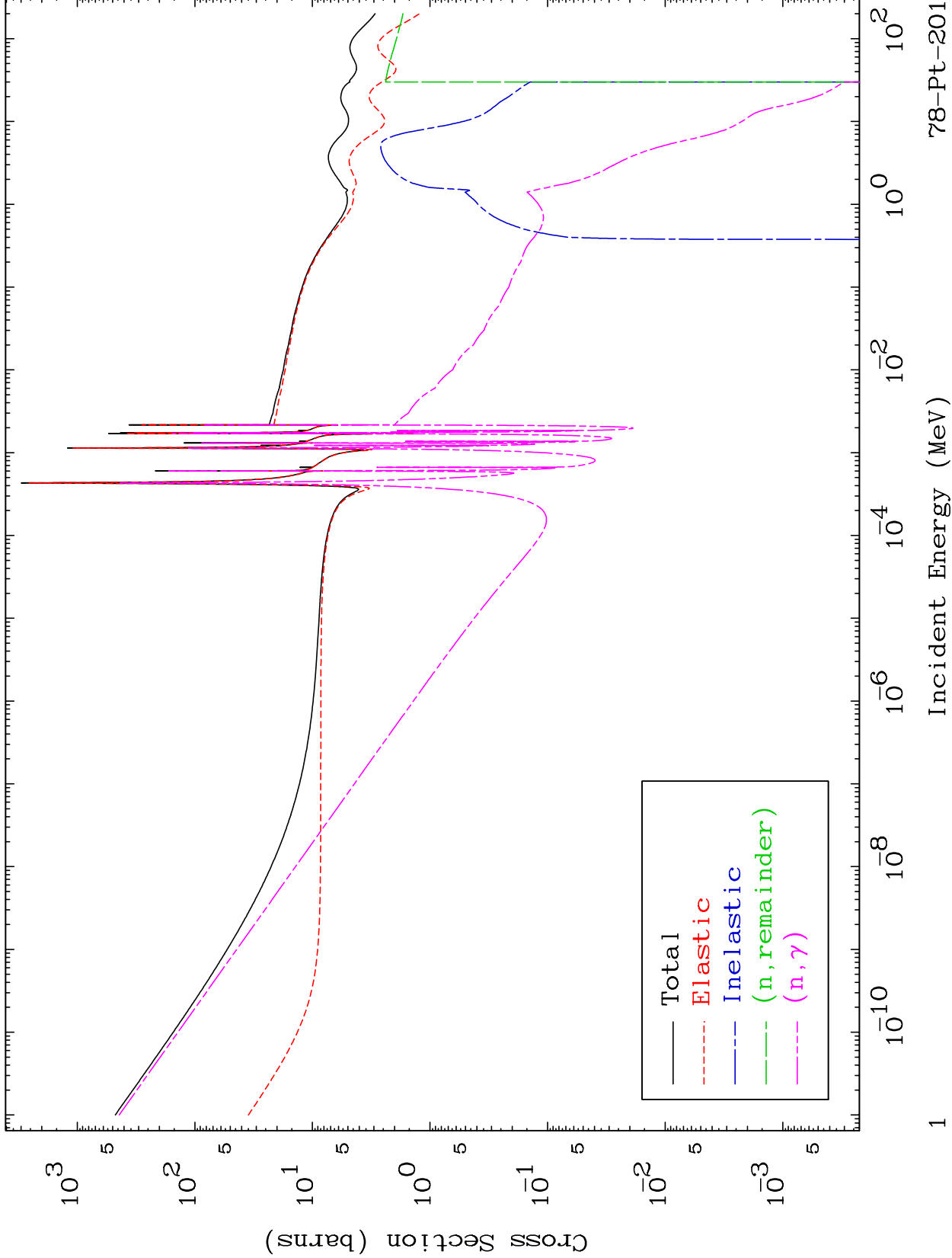
Press Mouse Button to Start

MAT 7858

Major

293 Kelvin Cross Sections

78-Pt-201

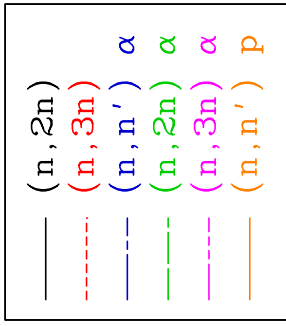
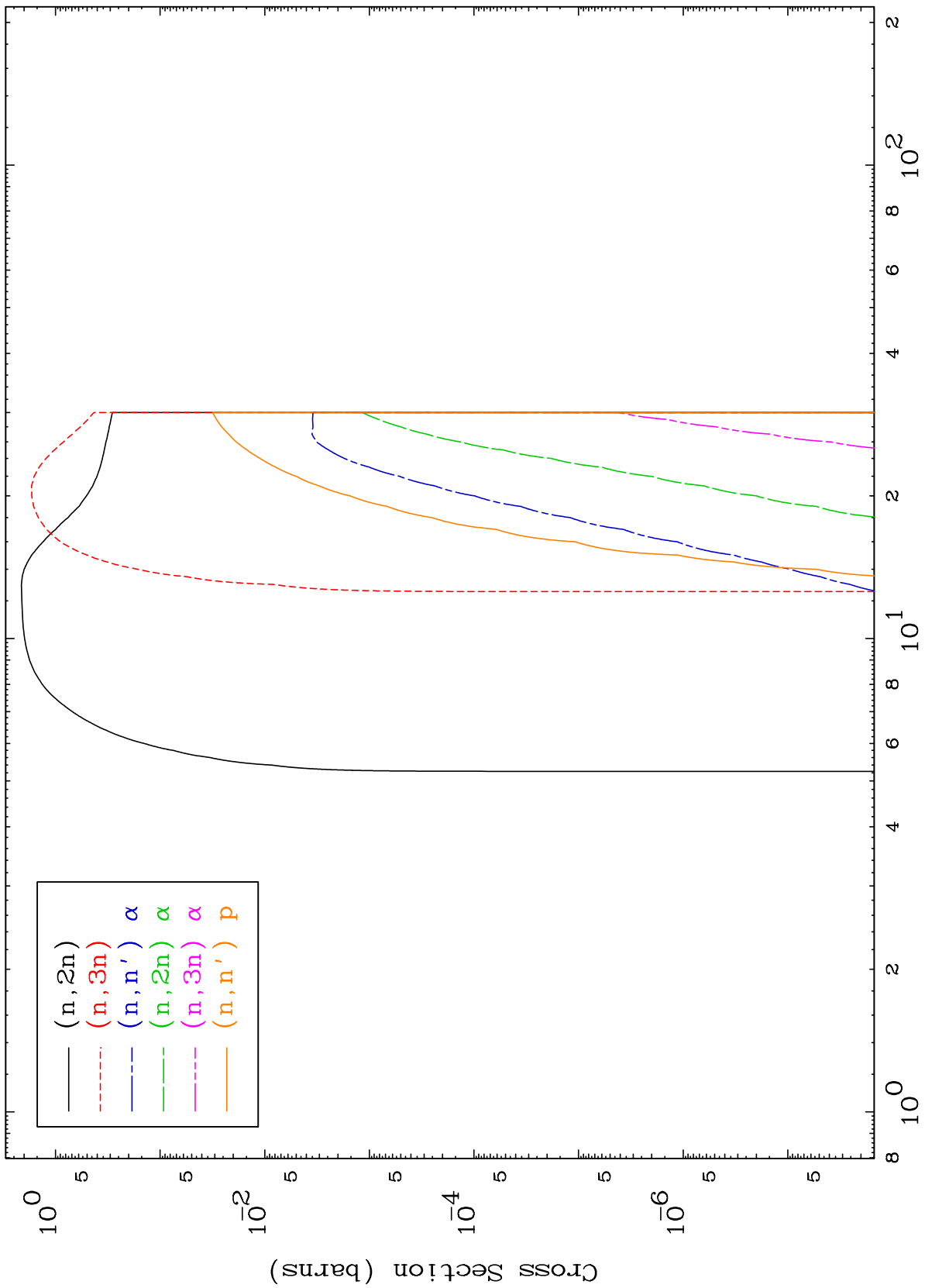


MAT 7858

Neutron Production

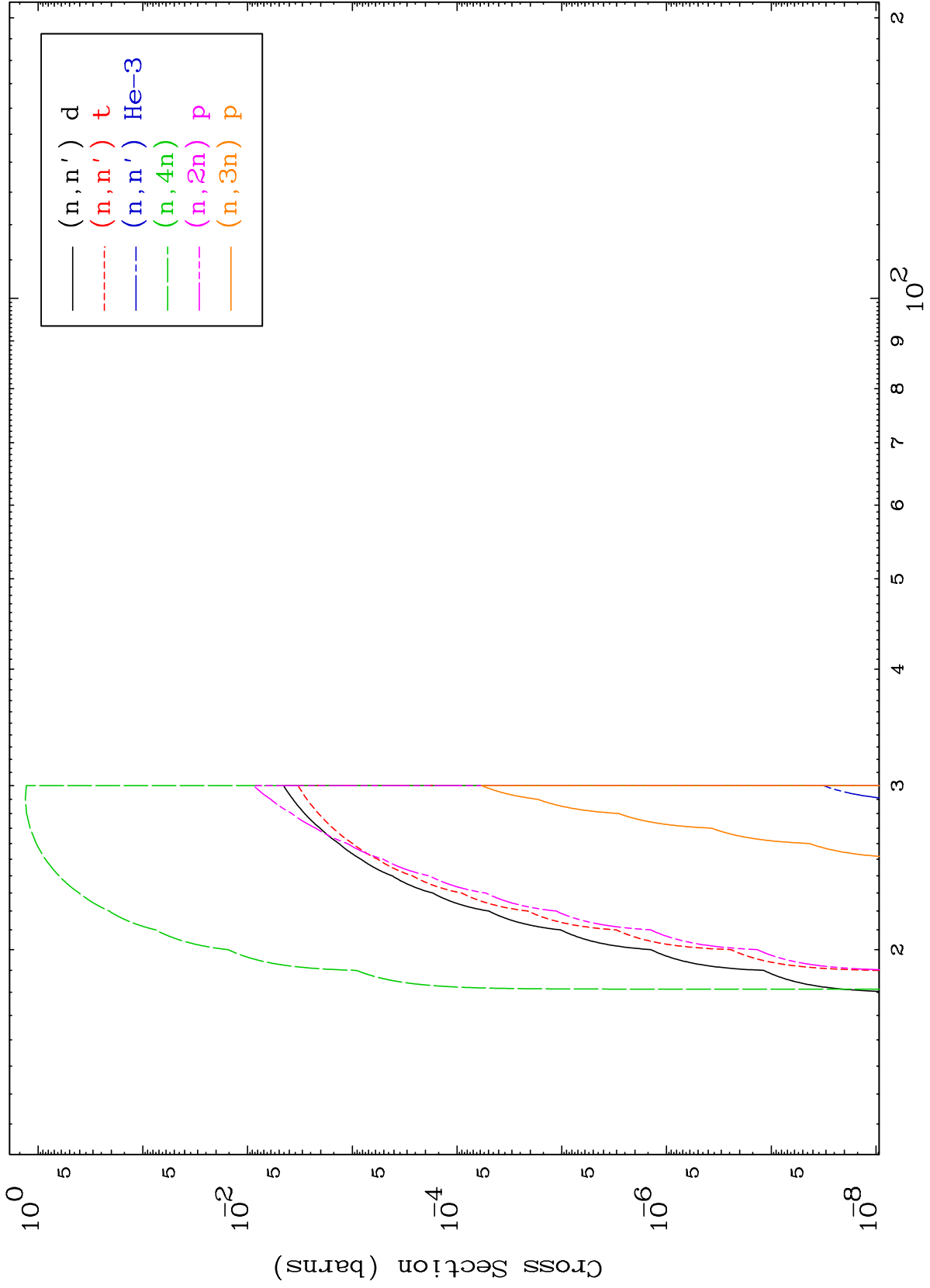
78-Pt-201

293 Kelvin Cross Sections



Incident Energy (MeV)

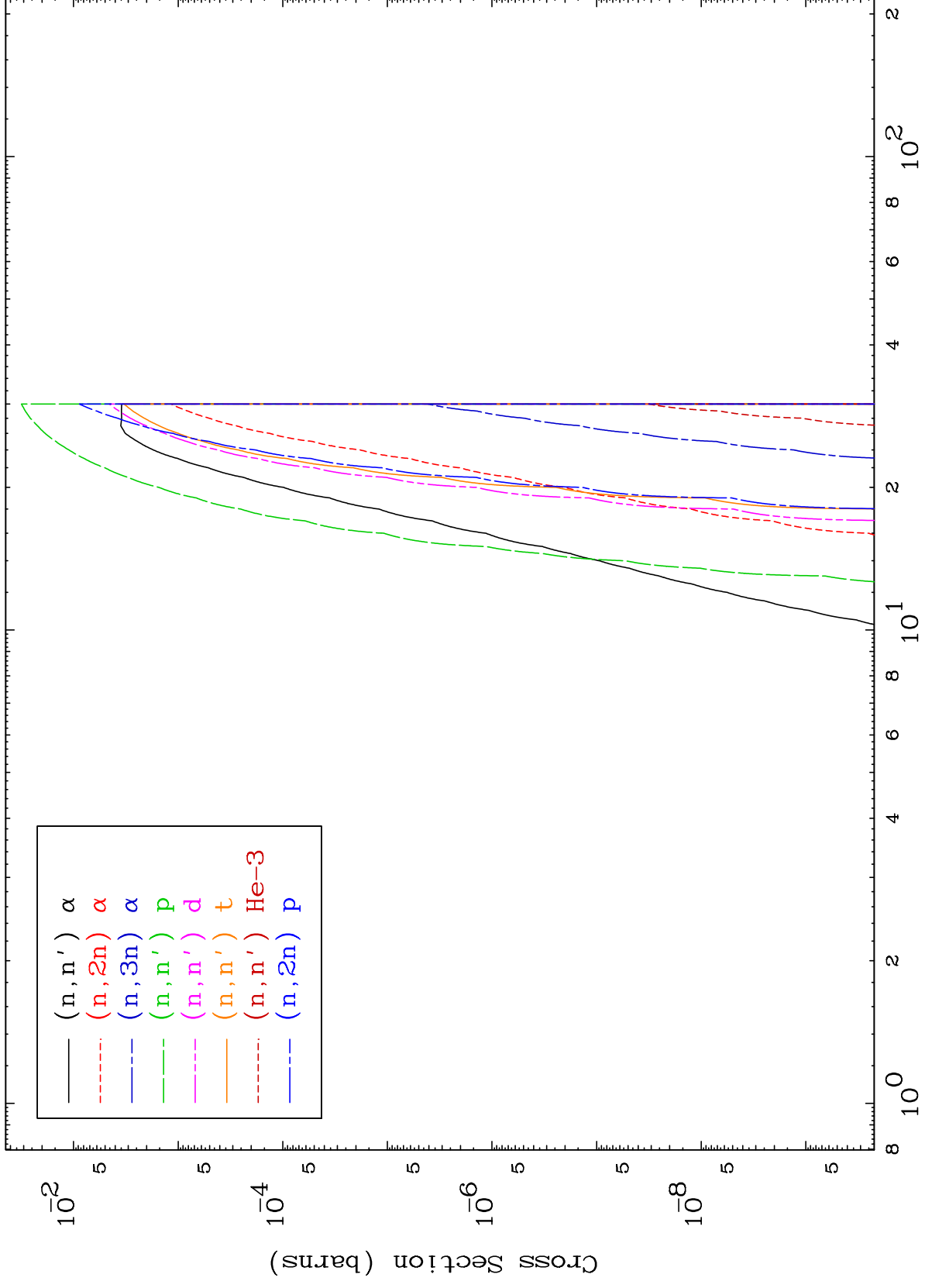
78-Pt-201



MAT 7858

Charged Particle
293 Kelvin Cross Sections

78-Pt-201



78-Pt-201

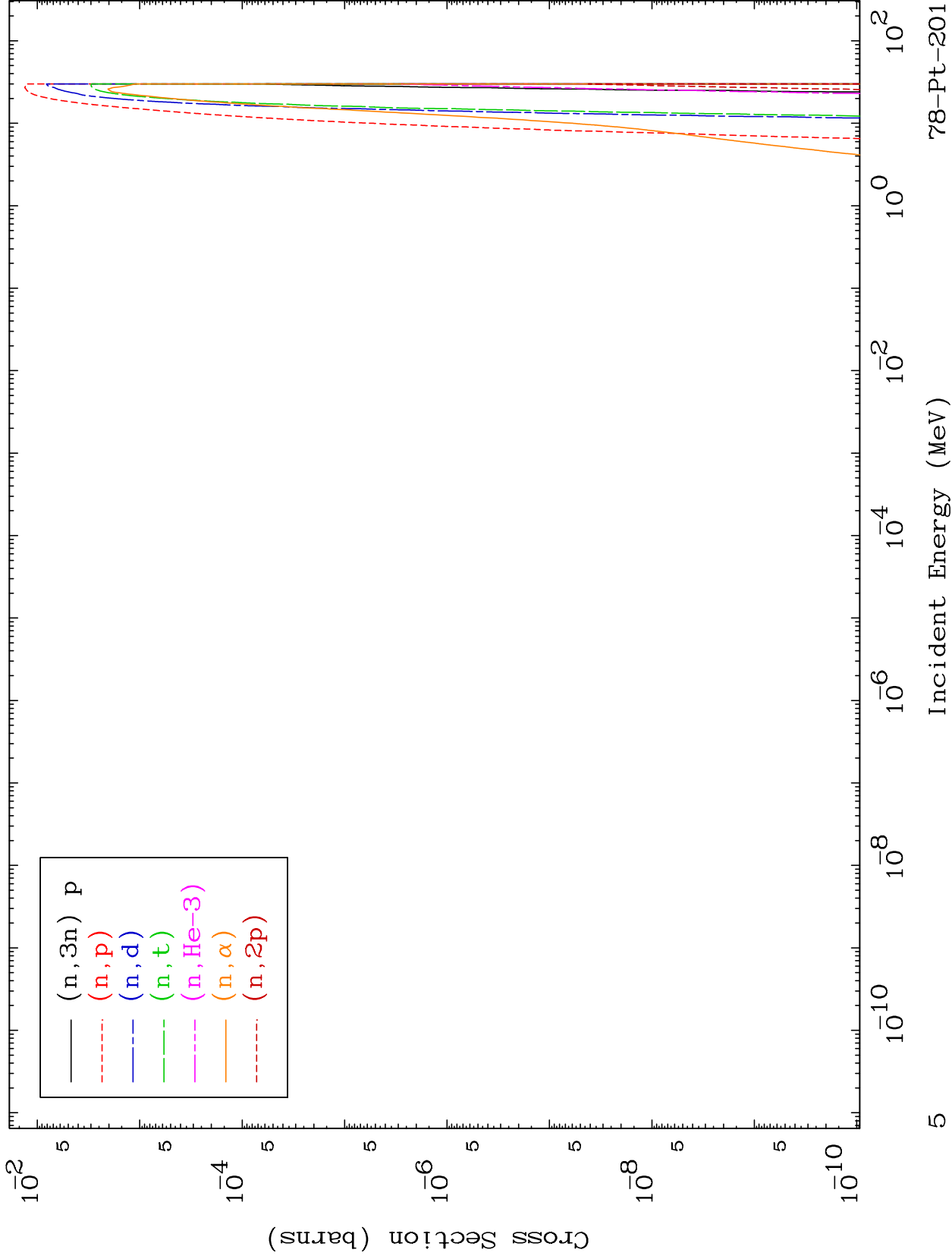
Incident Energy (MeV)

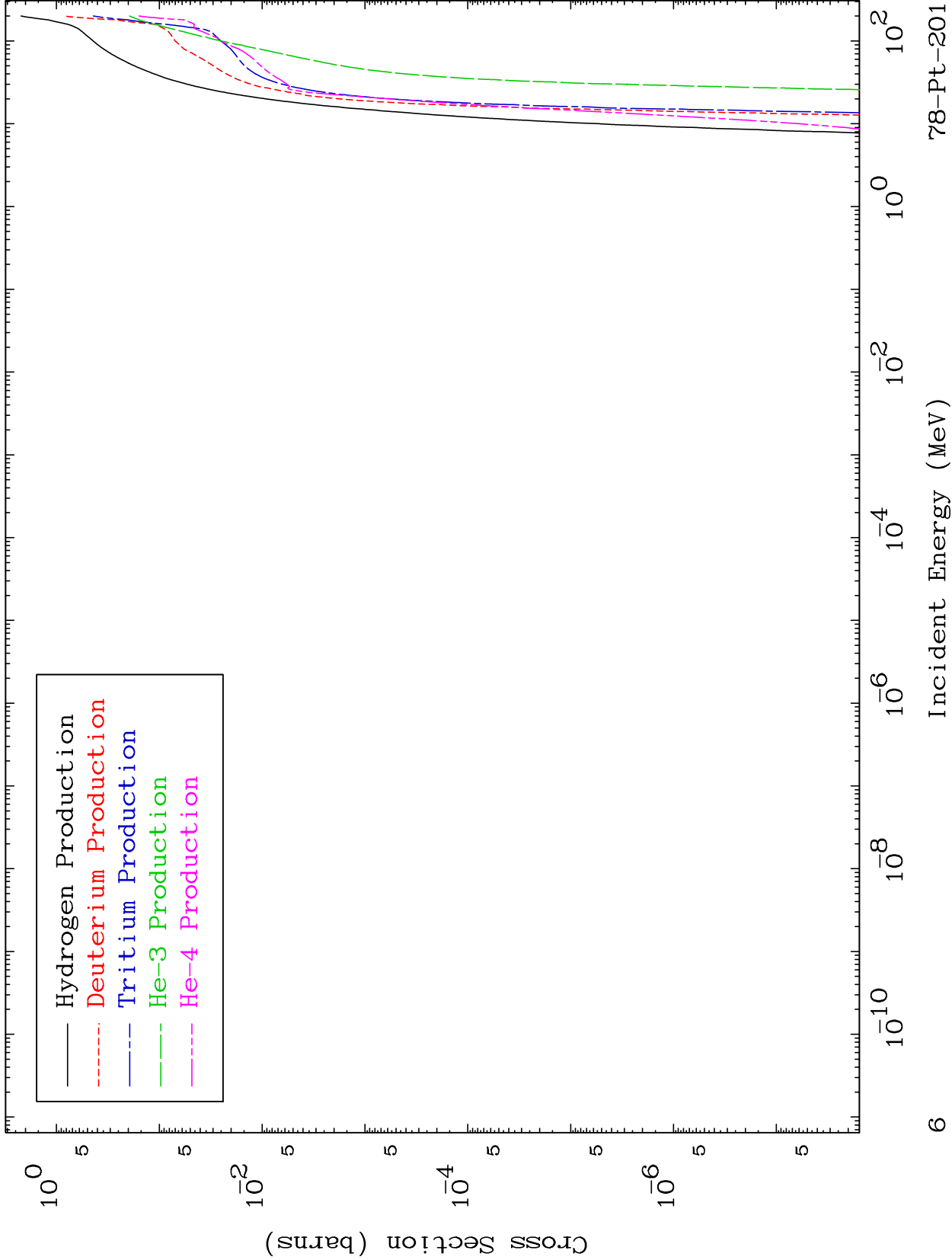
4

MAT 7858

Charged Particle
293 Kelvin Cross Sections

78-Pt-201

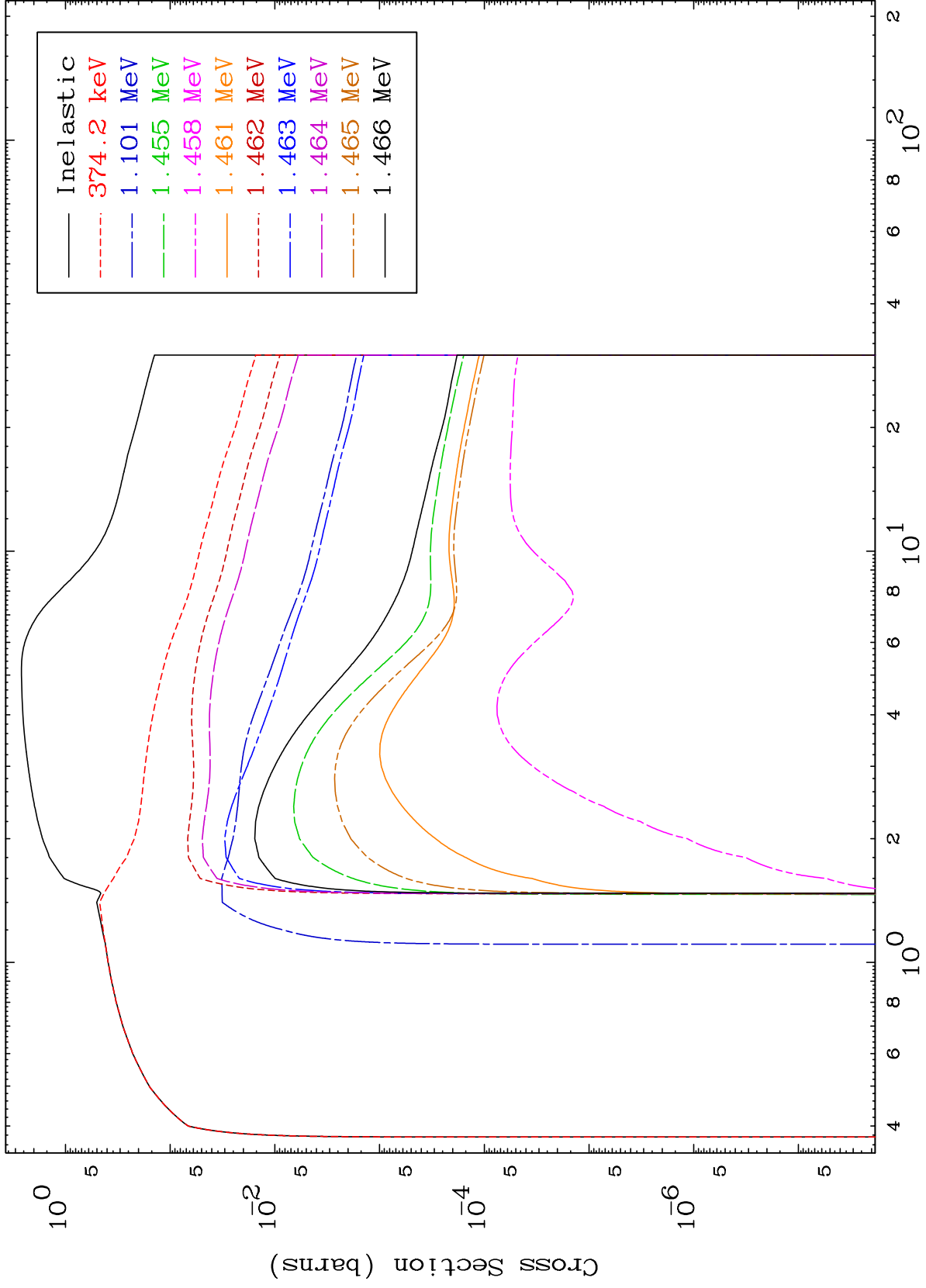




MAT 7858

(n,n') Level
293 Kelvin Cross Sections

78-Pt-201



7

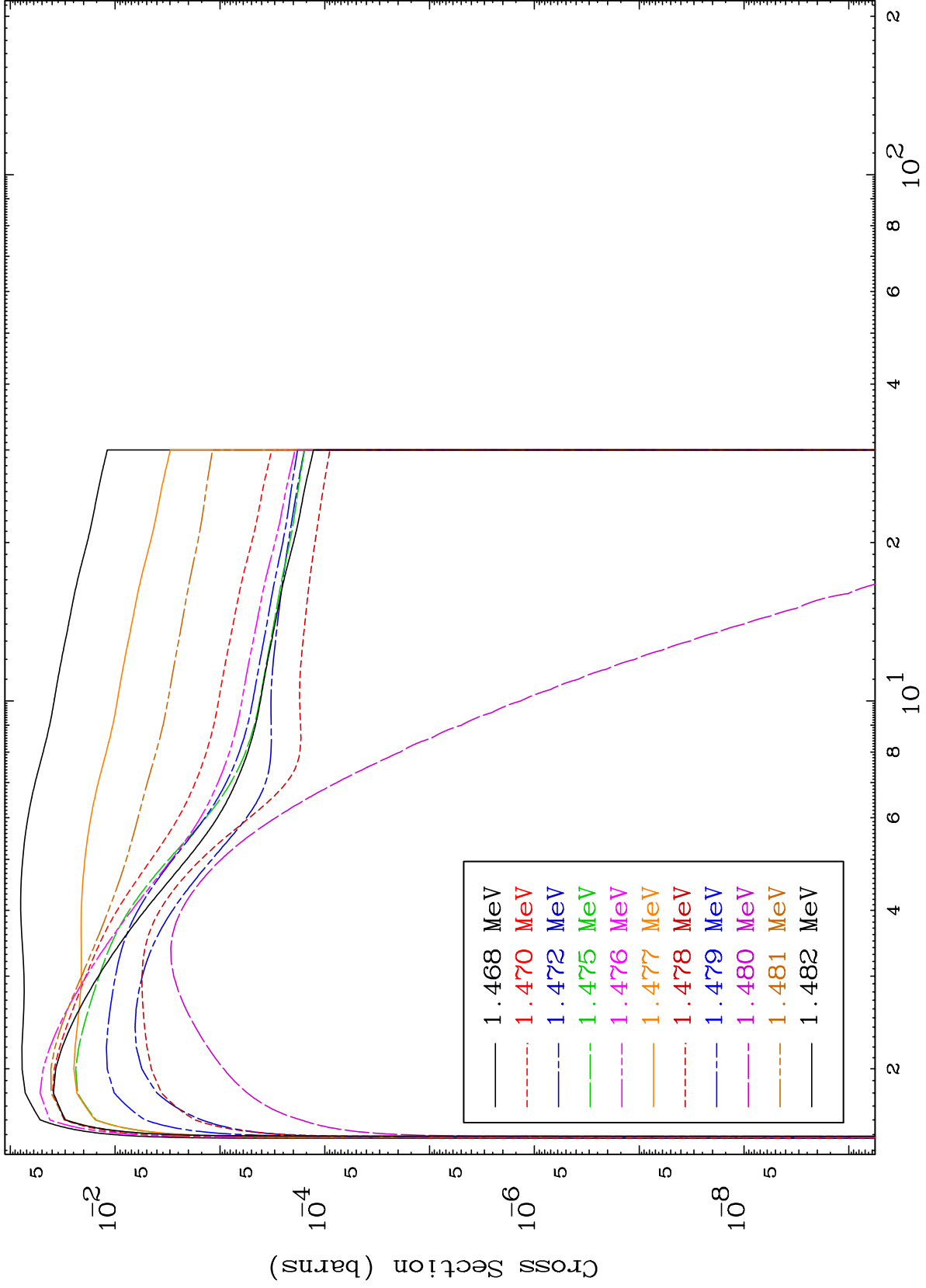
Incident Energy (MeV)

78-Pt-201

MAT 7858

(n,n') Level
293 Kelvin Cross Sections

78-Pt-201

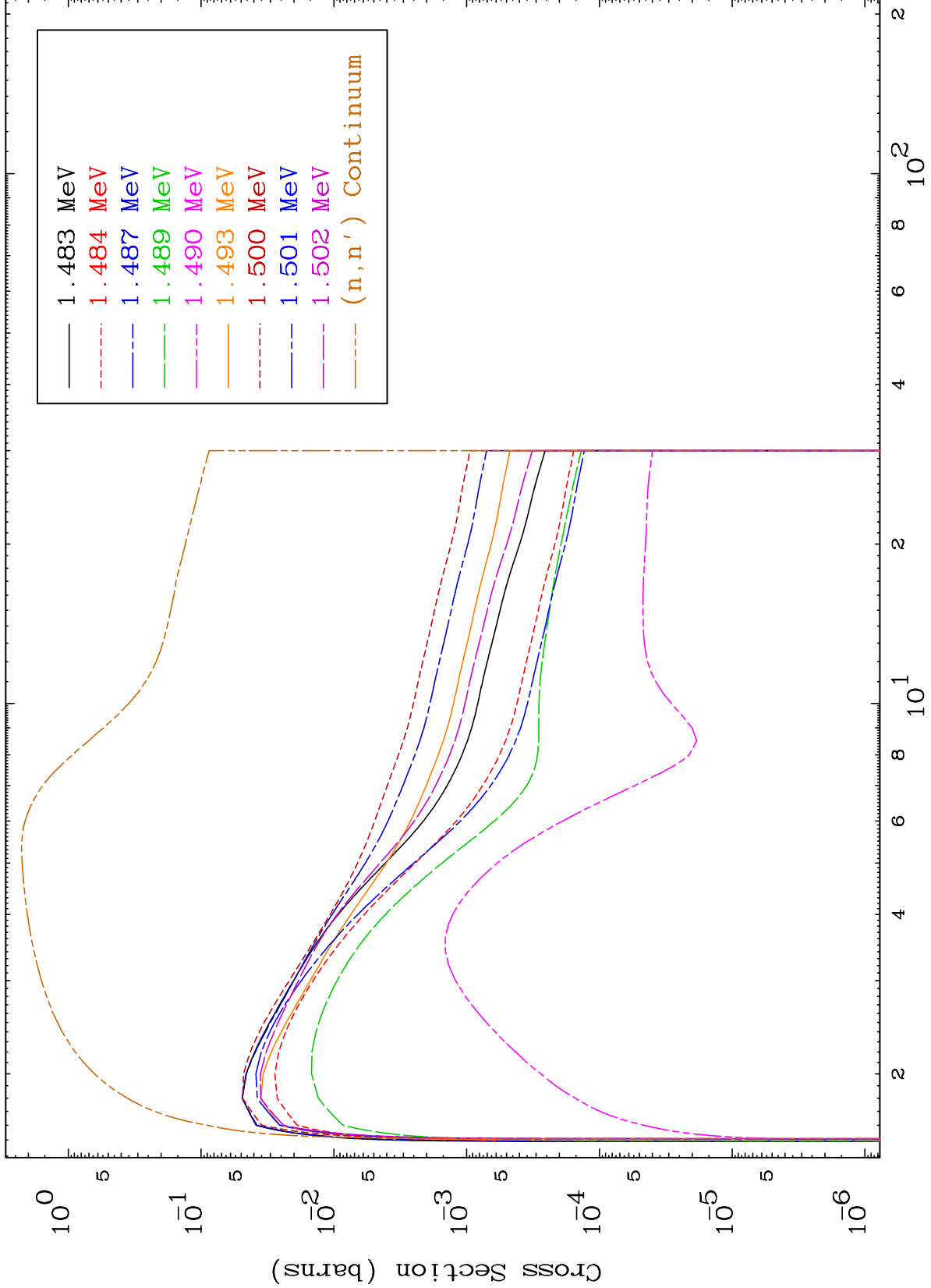


8

Incident Energy (MeV)

78-Pt-201

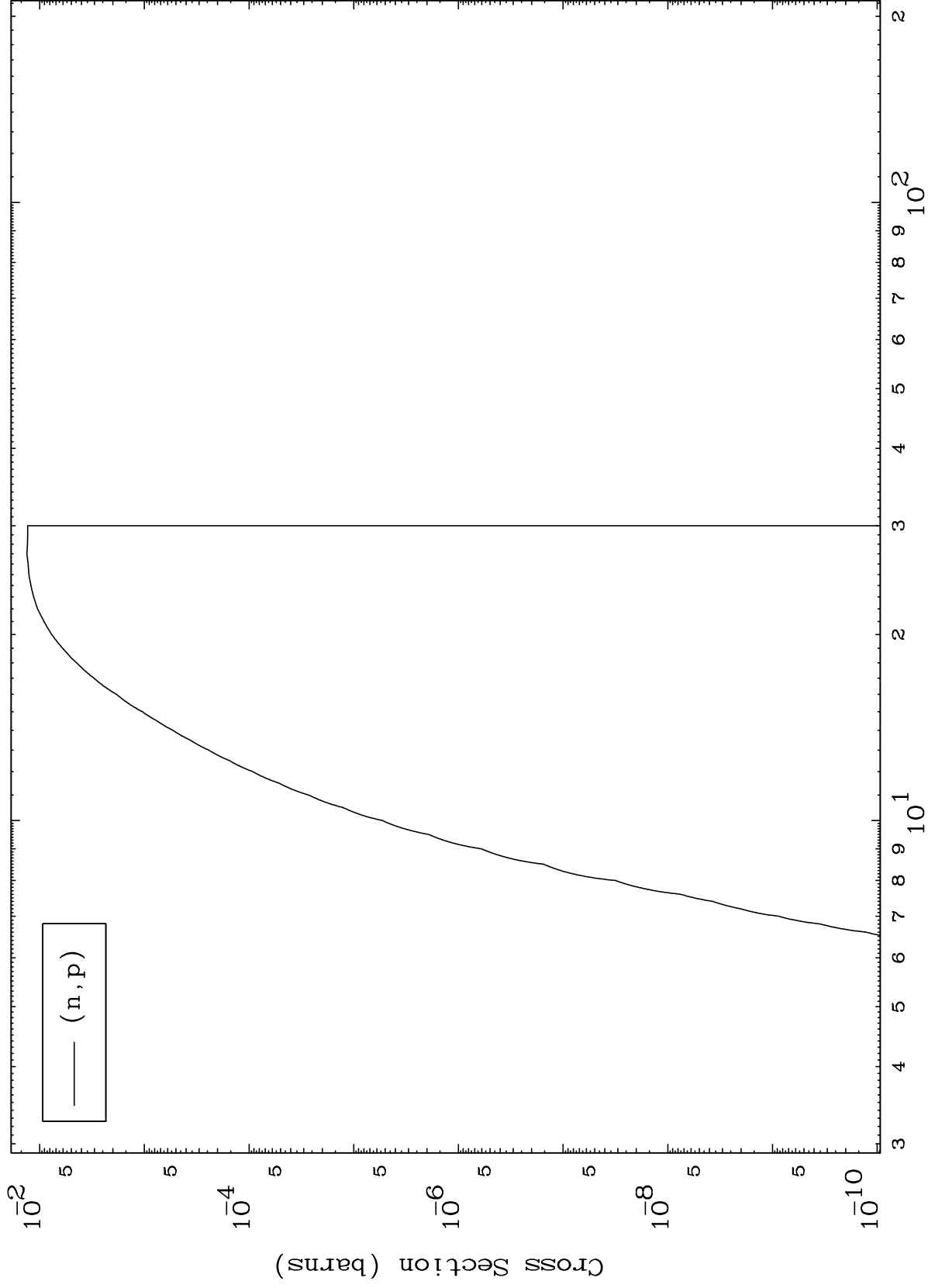
293 Kelvin Cross Sections



MAT 7858

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-201



Incident Energy (MeV)

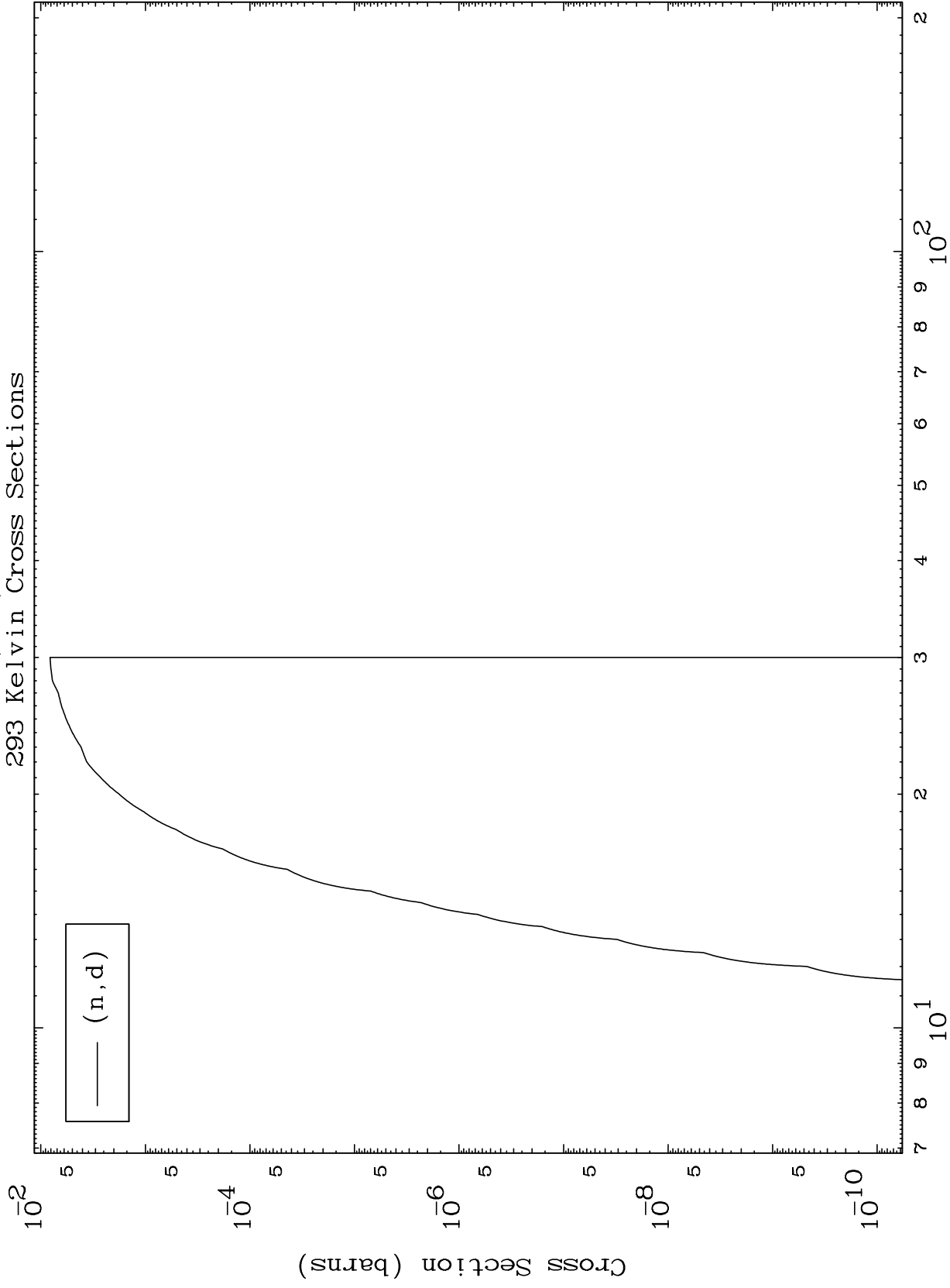
78-Pt-201

10

MAT 7858

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-201



11

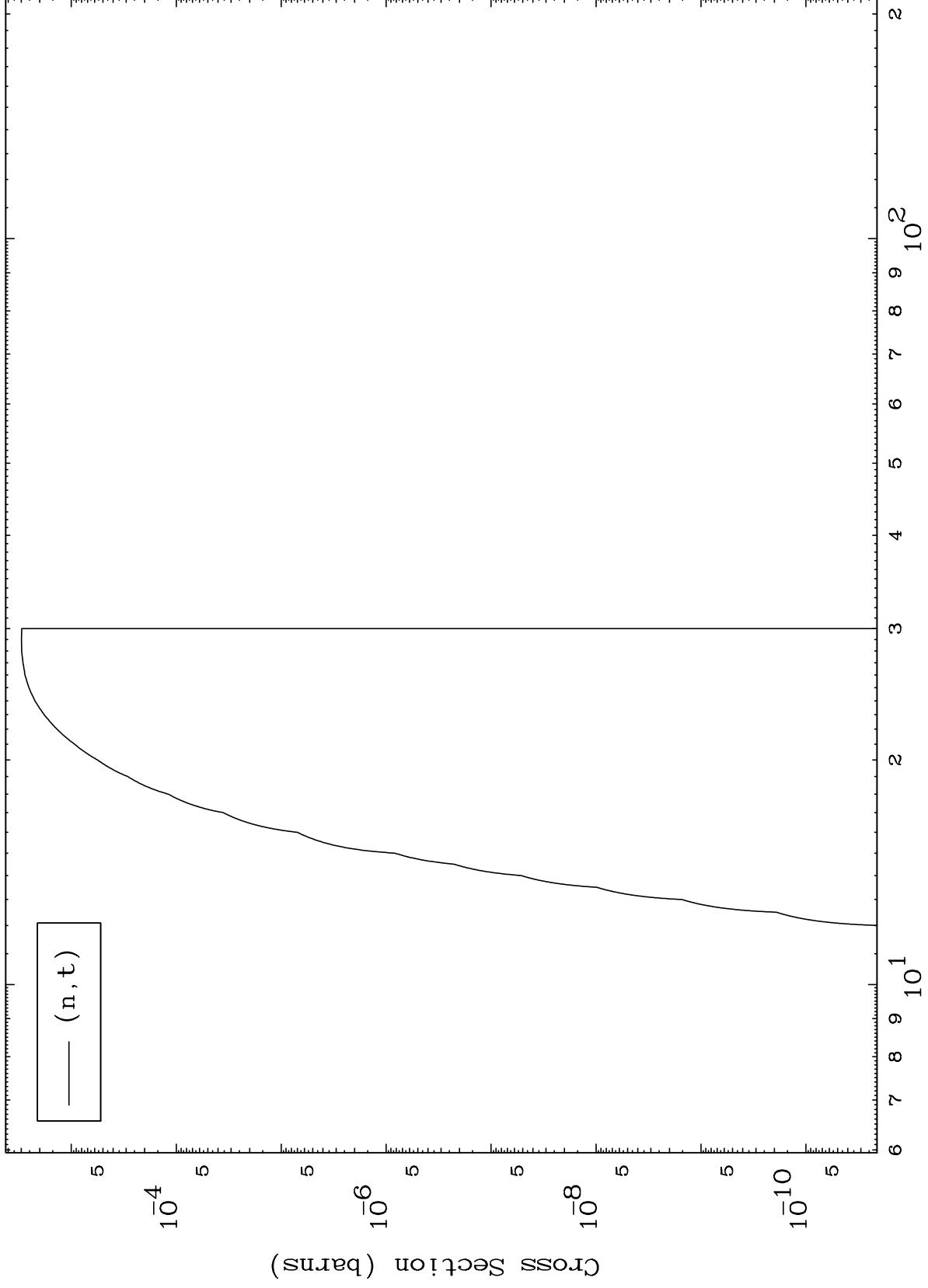
Incident Energy (MeV)

78-Pt-201

MAT 7858

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-201



12

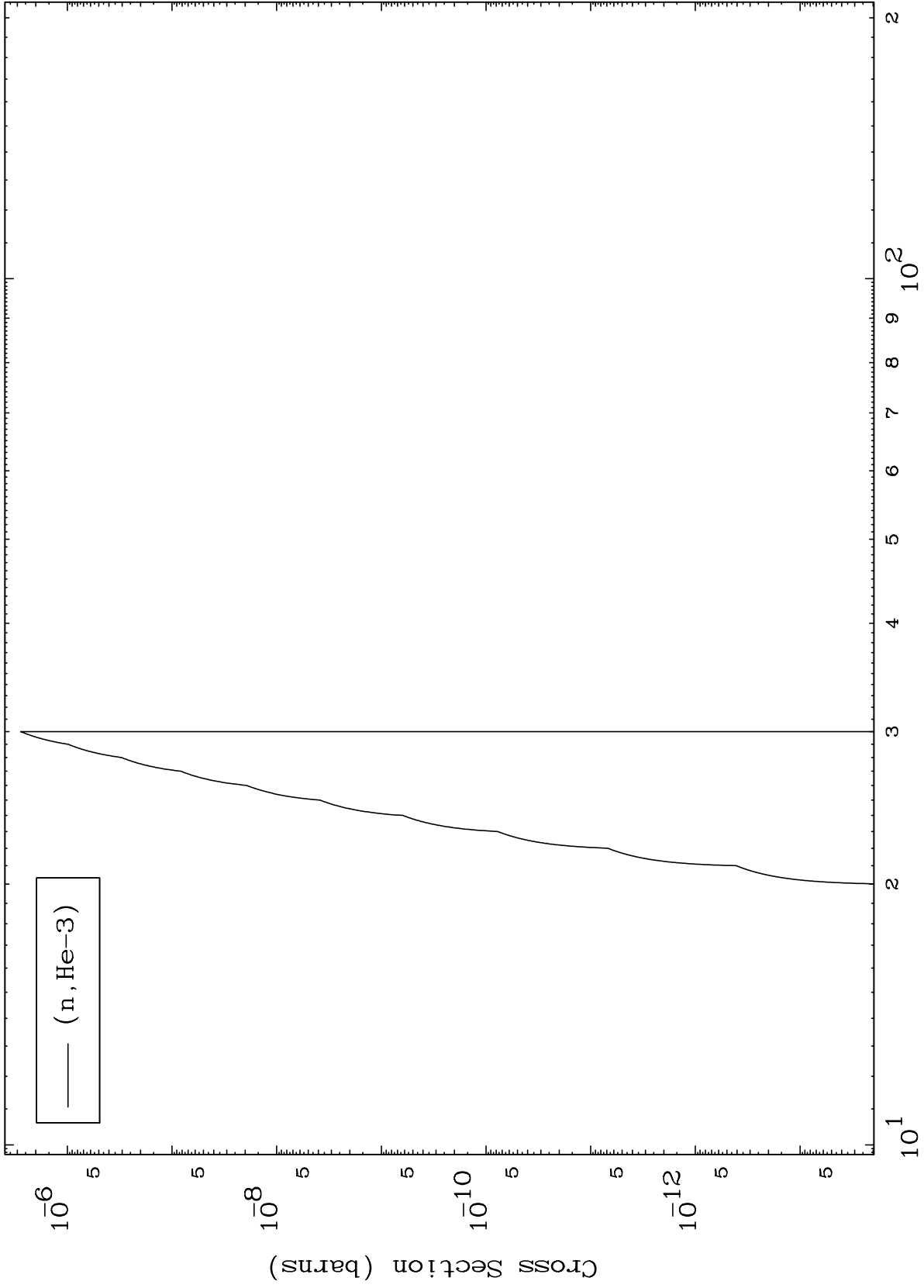
Incident Energy (MeV)

78-Pt-201

MAT 7858

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-201



13

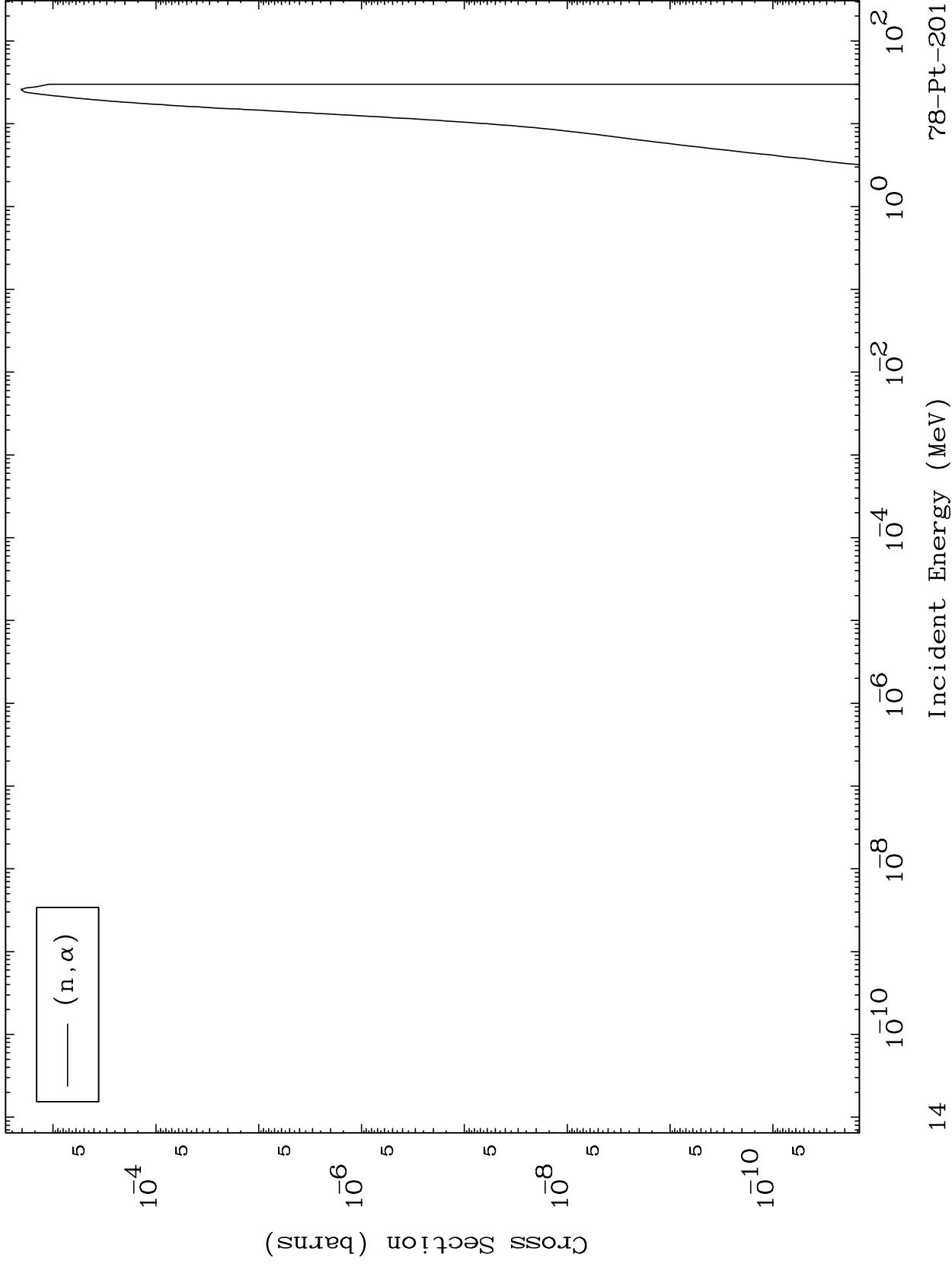
Incident Energy (MeV)

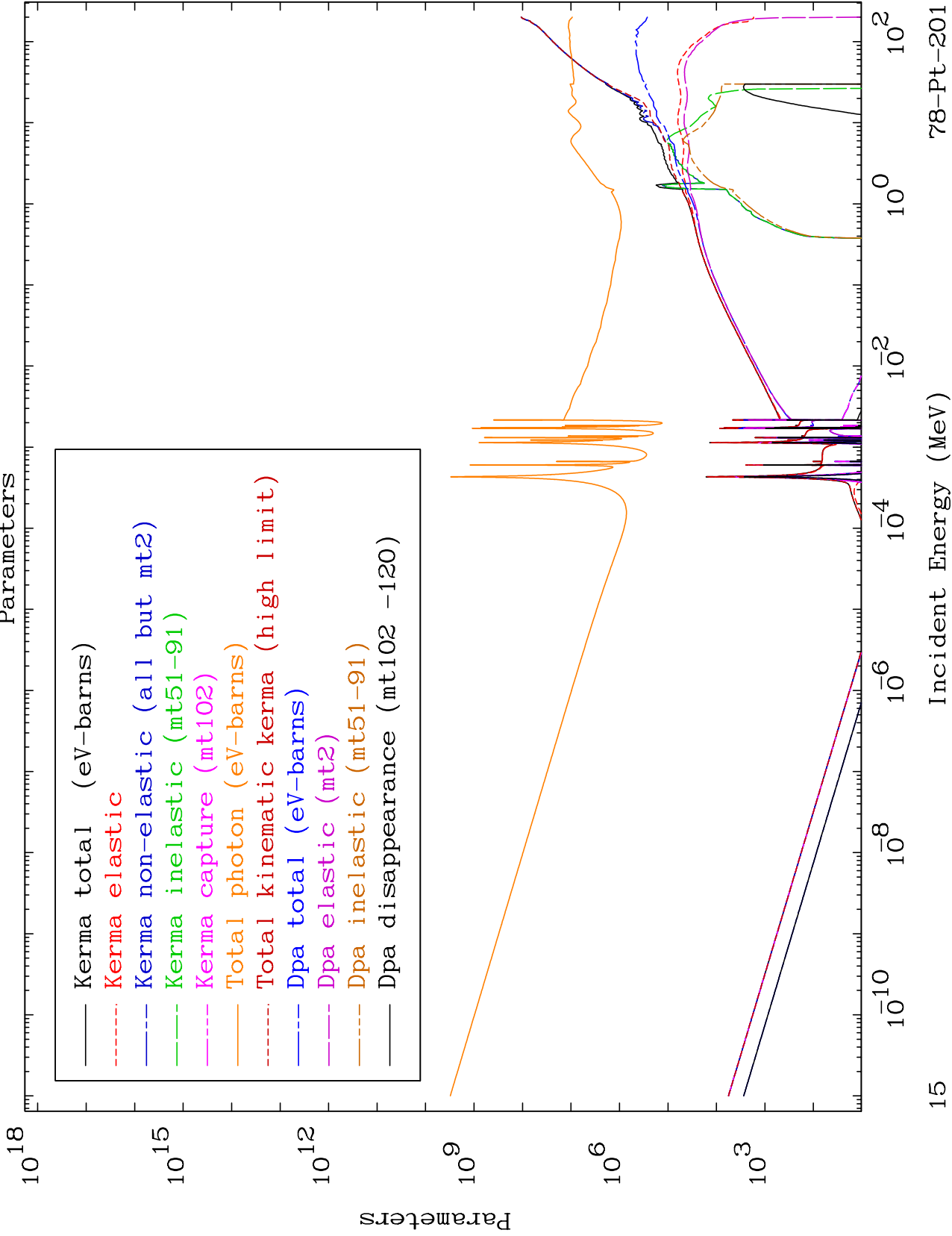
78-Pt-201

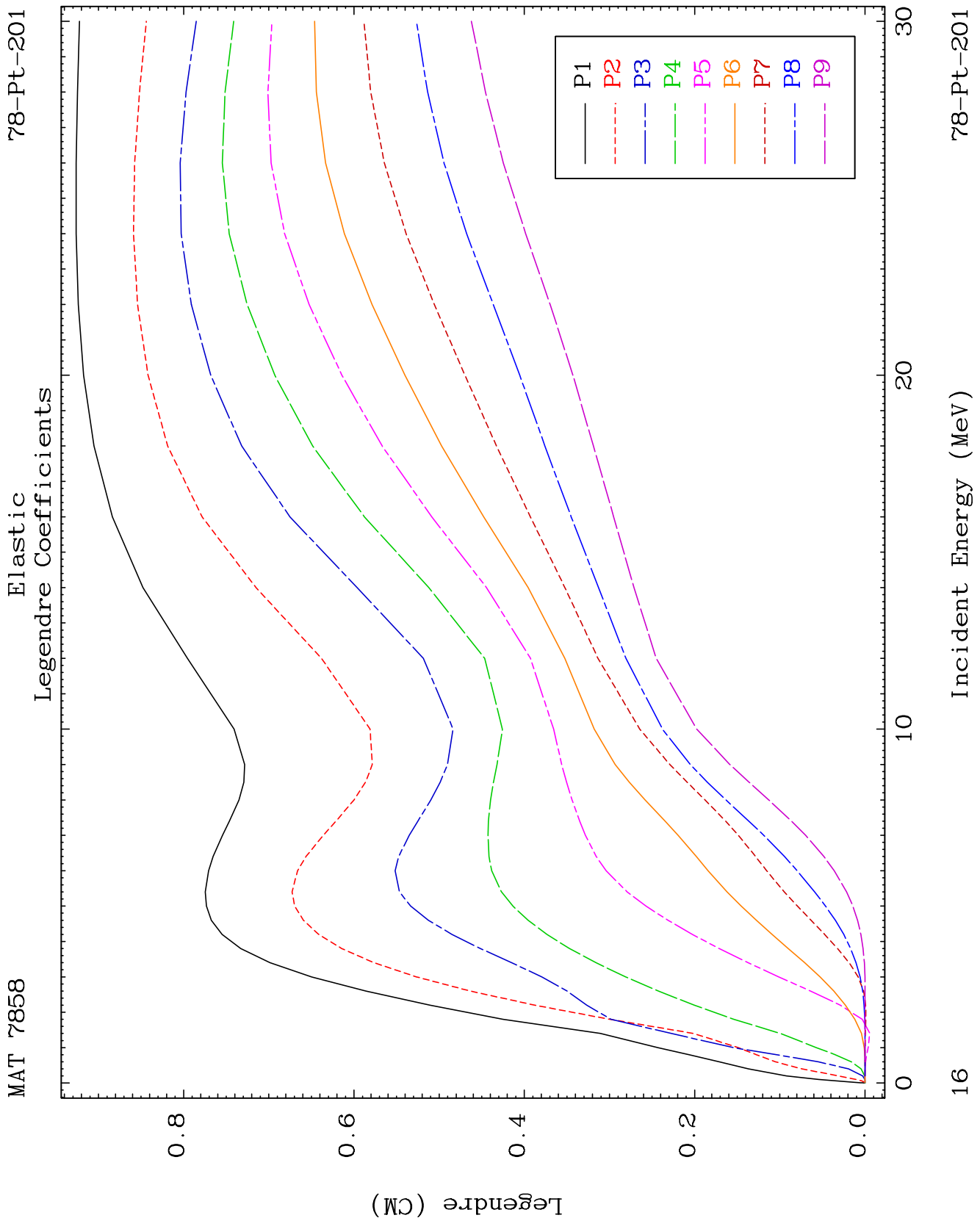
MAT 7858

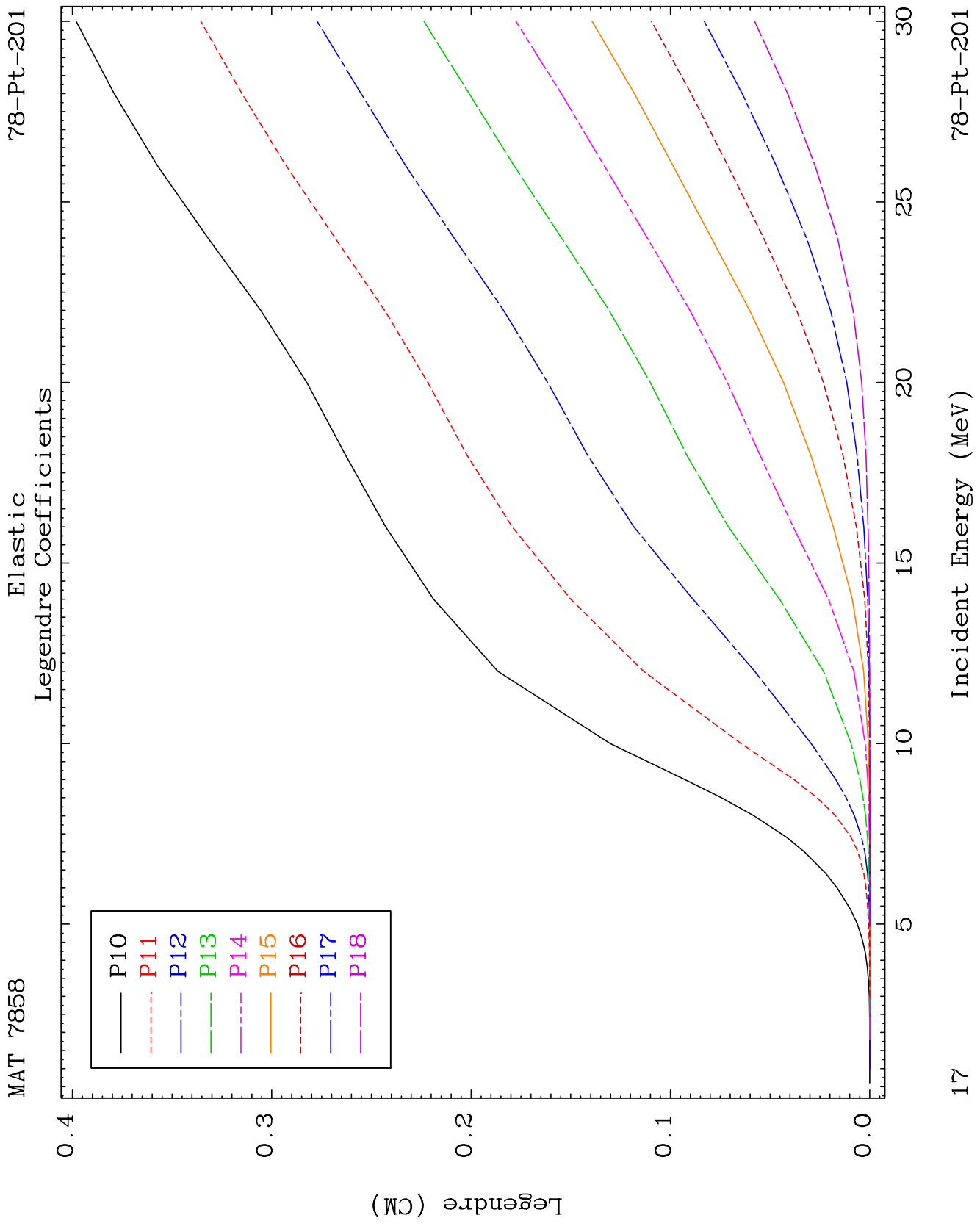
(n, α) Levels
293 Kelvin Cross Sections

78-Pt-201





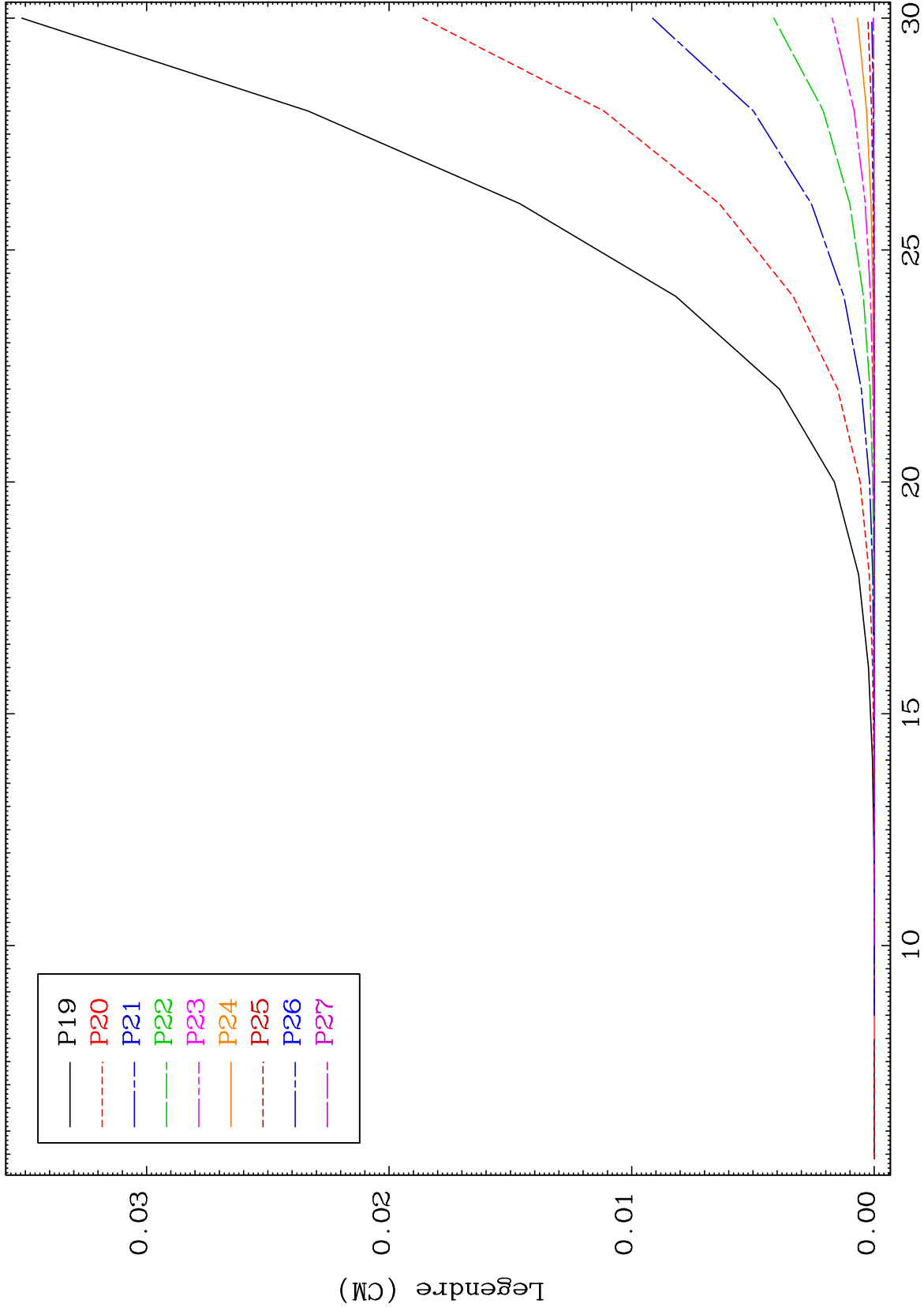




MAT 7858

Elastic Legendre Coefficients

78-Pt-201



18

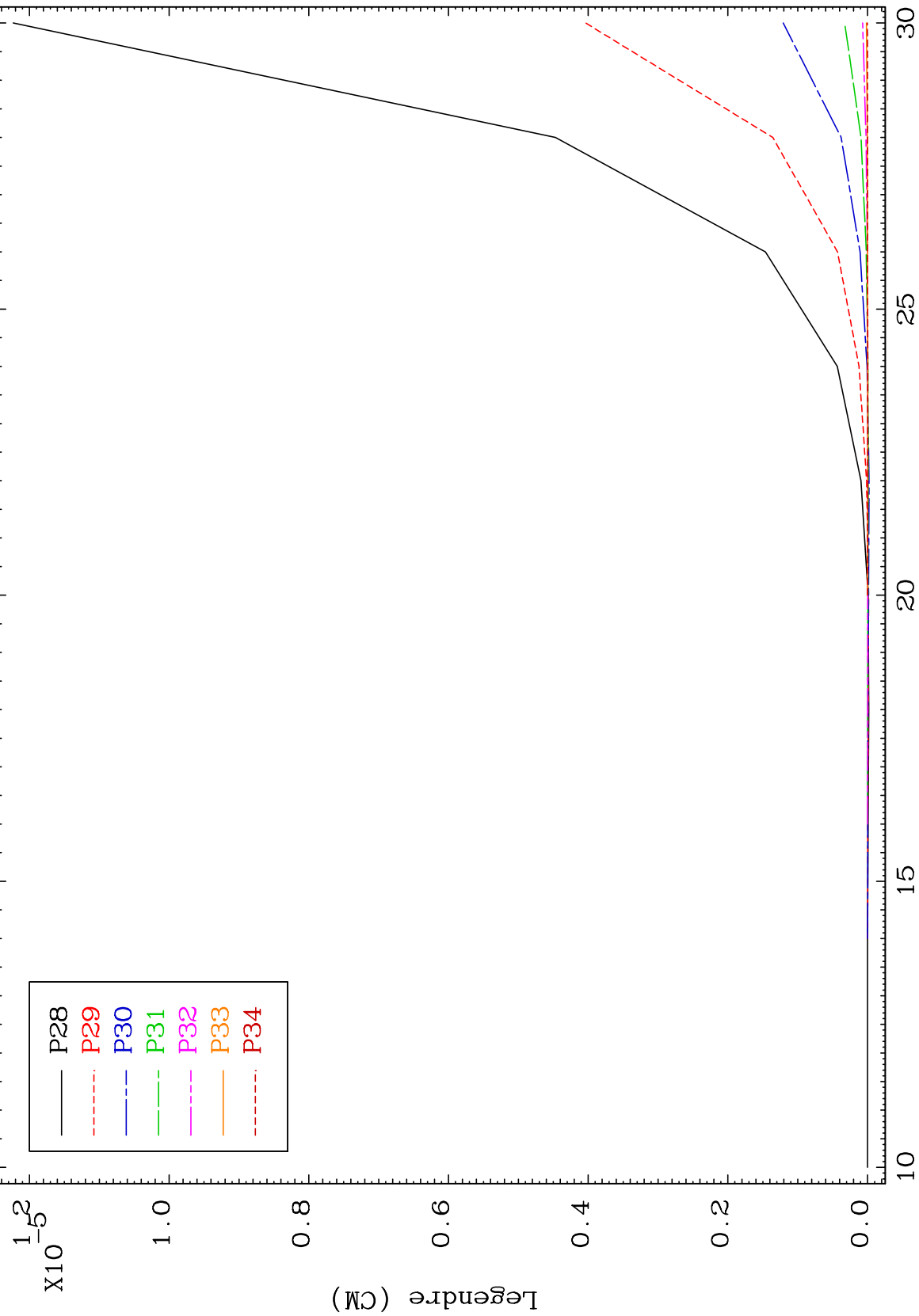
Incident Energy (MeV)

78-Pt-201

MAT 7858

Elastic
Legendre Coefficients

78-Pt-201



19

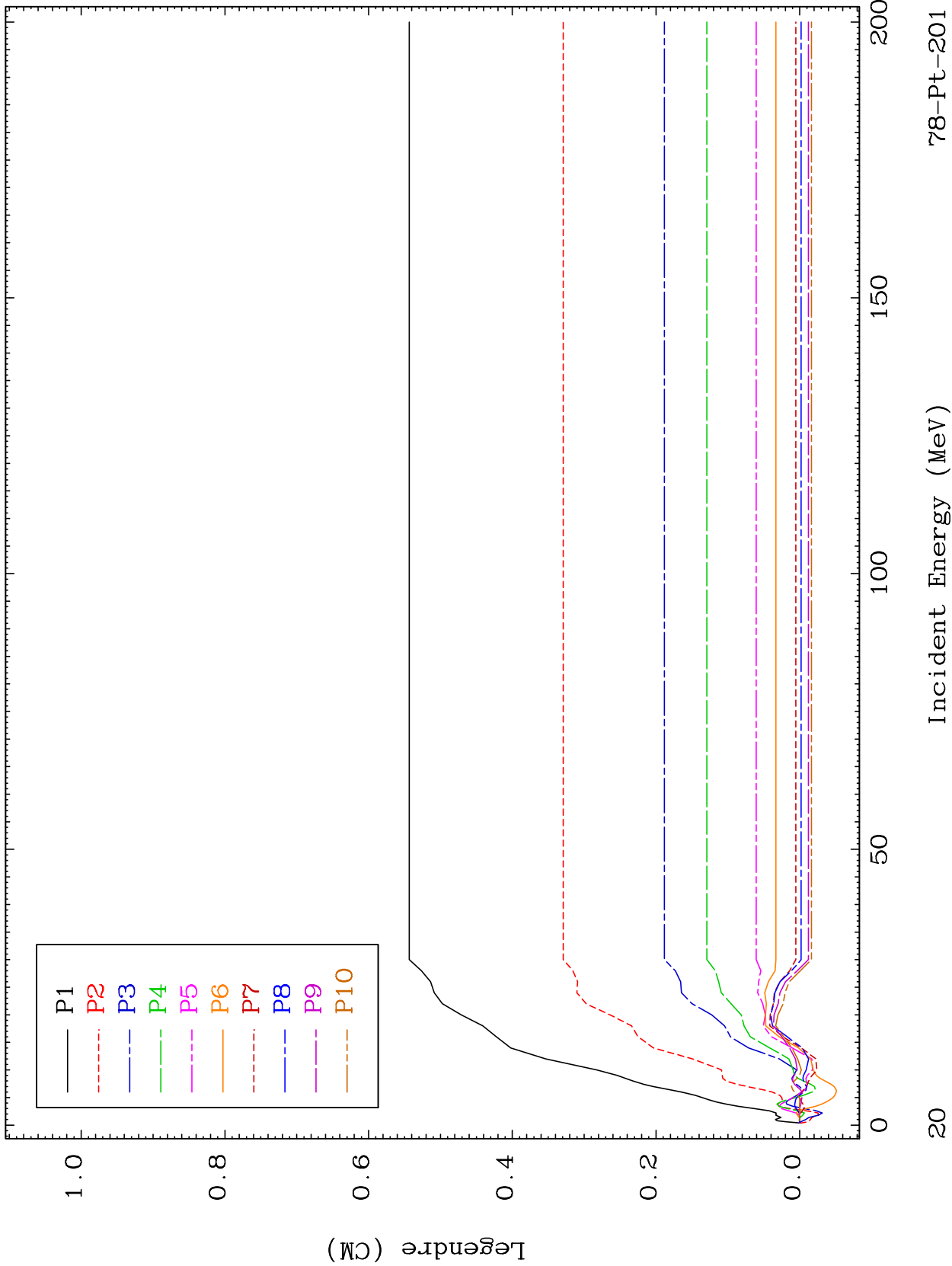
Incident Energy (MeV)

78-Pt-201

MAT 7858

374.2 keV (n,n') Level
Legendre Coefficients

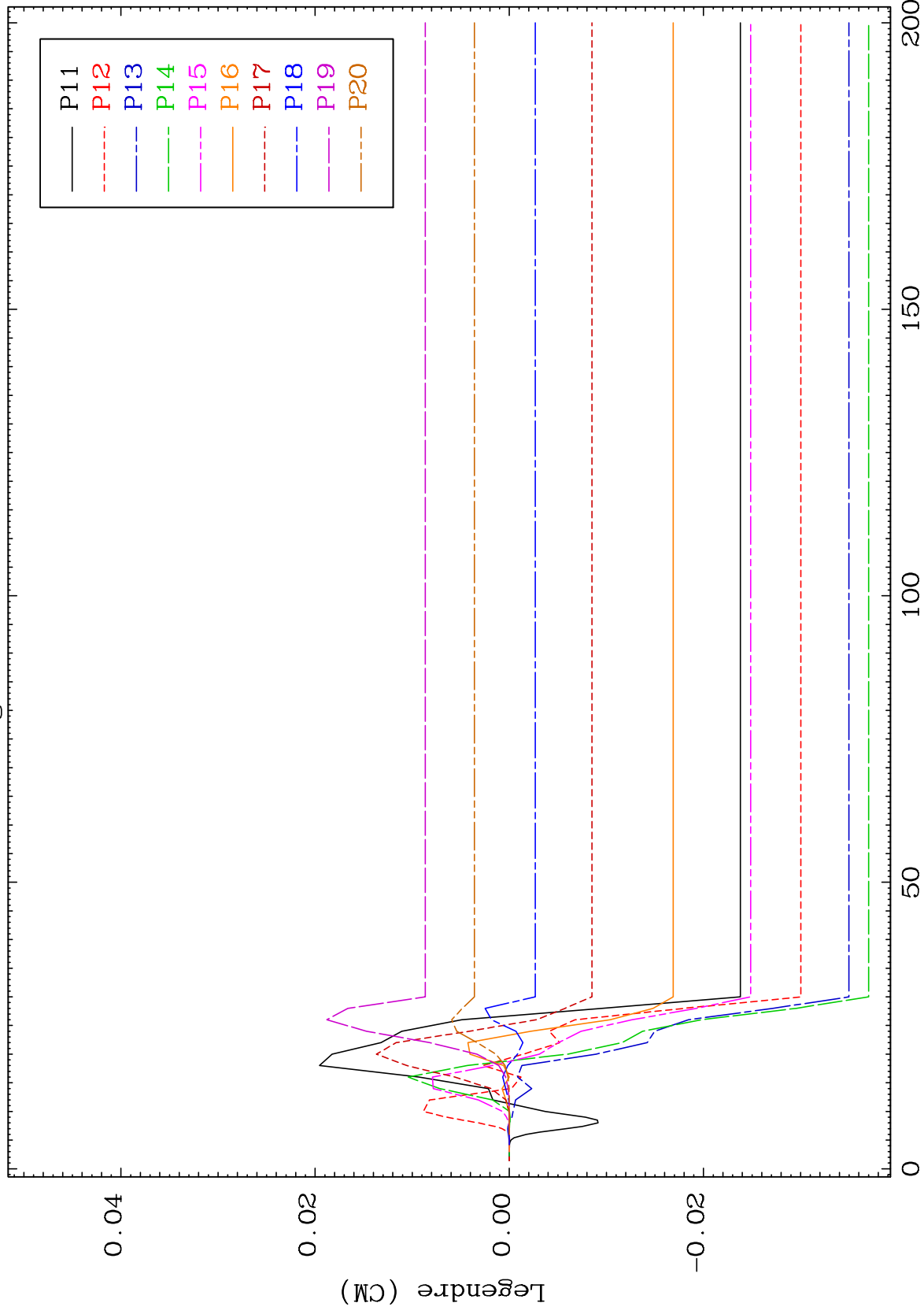
78-Pt-201



MAT 7858

374.2 keV (n,n') Level
Legendre Coefficients

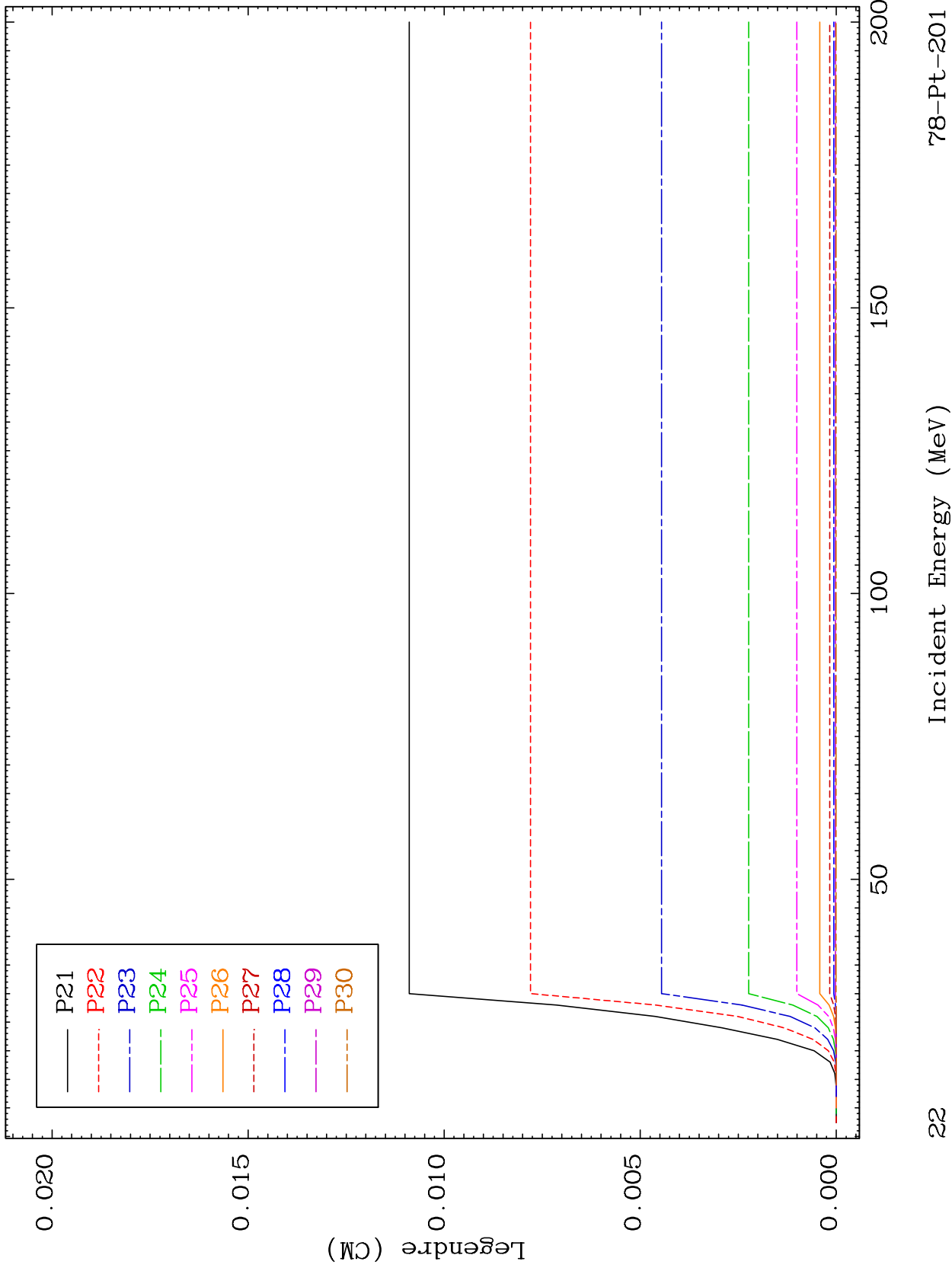
78-Pt-201

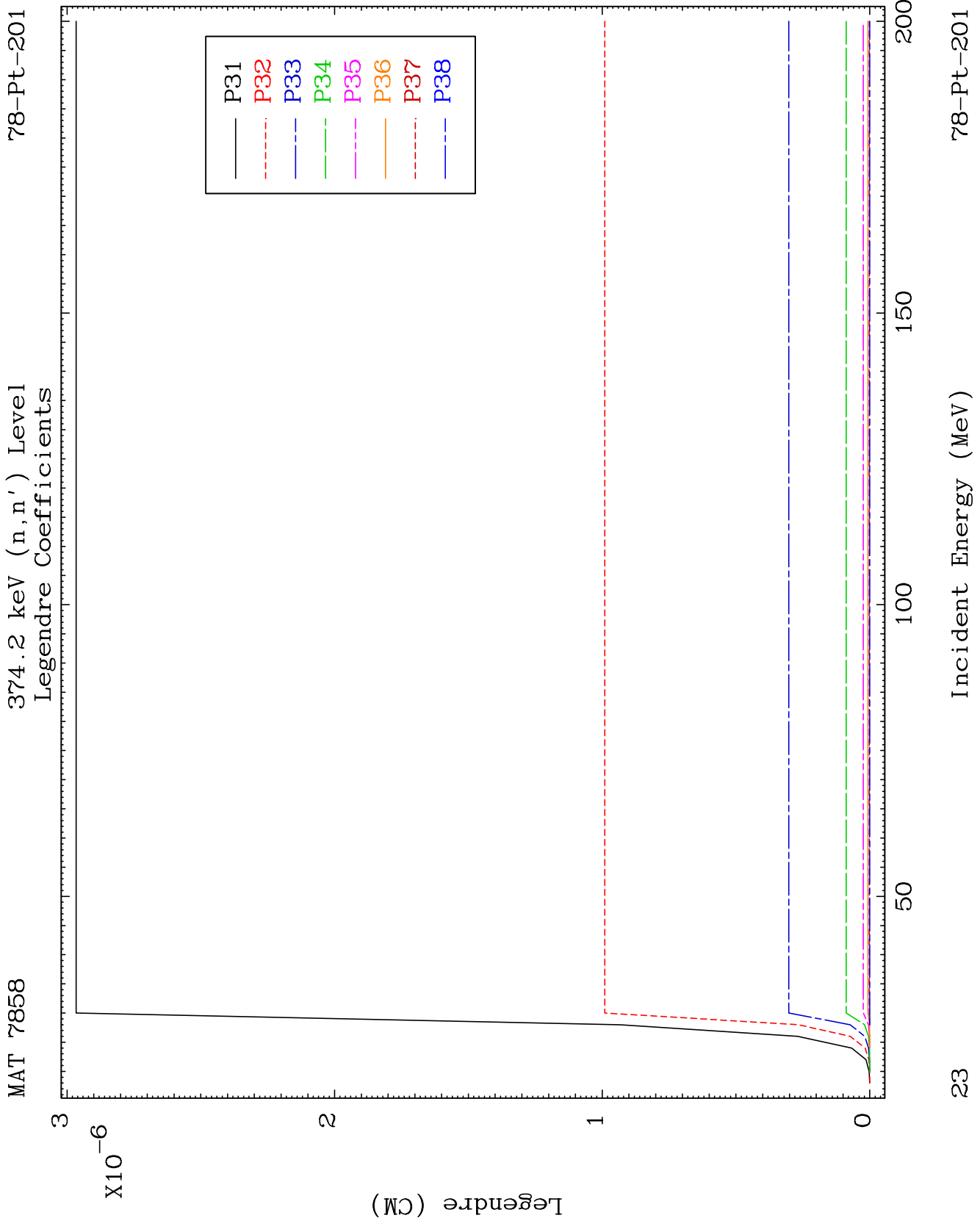


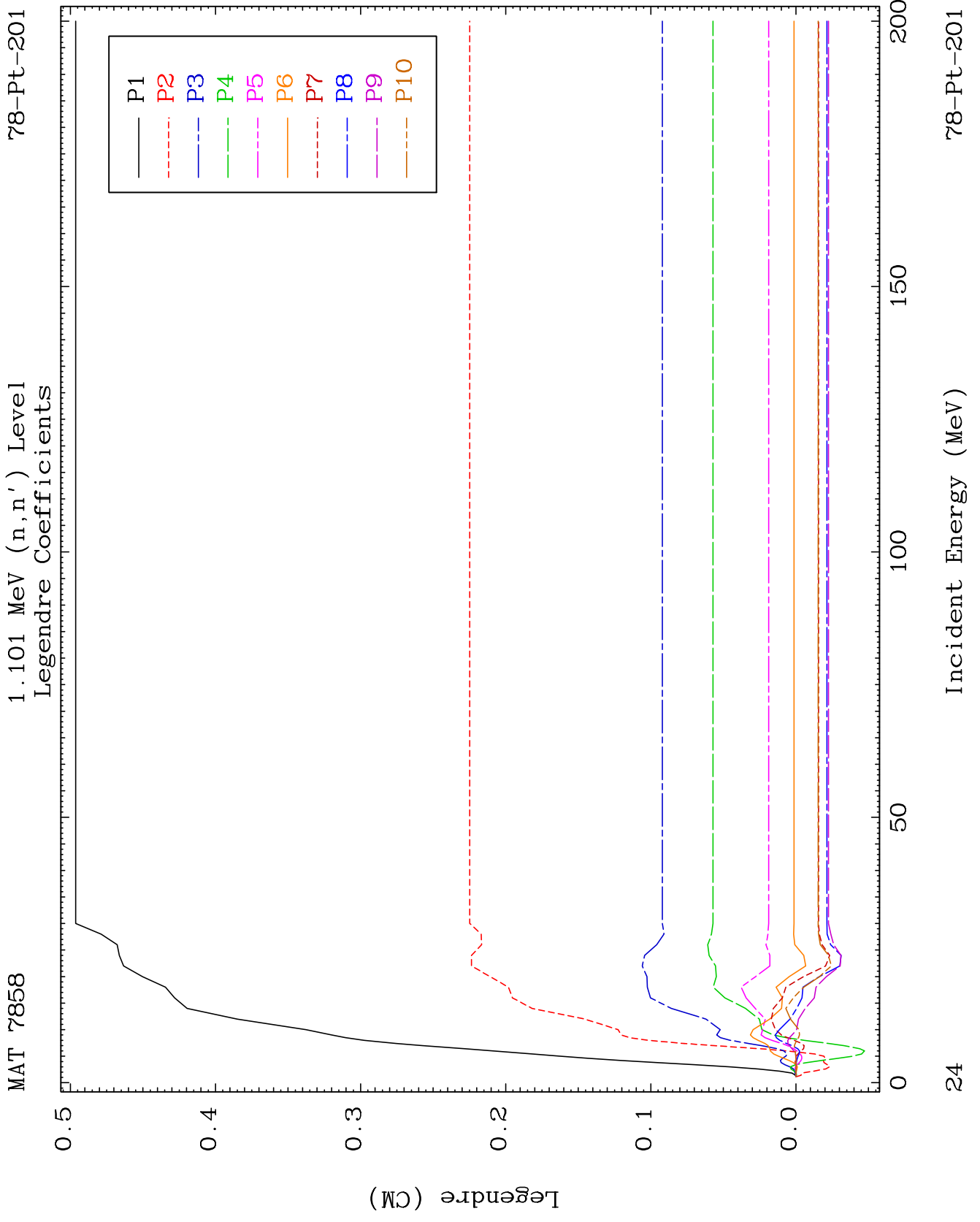
21

Incident Energy (MeV)

78-Pt-201



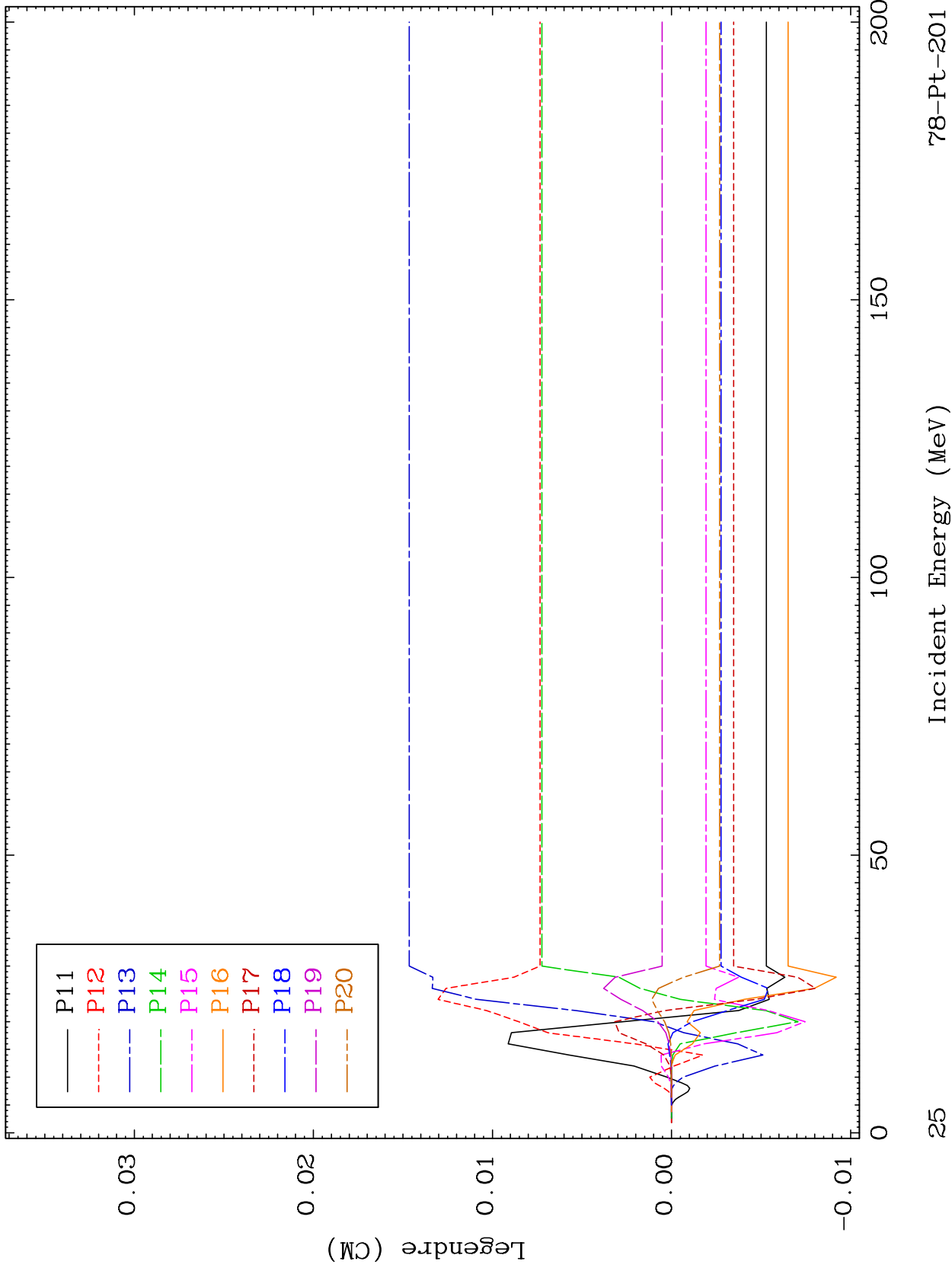




MAT 7858

1.101 MeV (n,n') Level
Legendre Coefficients

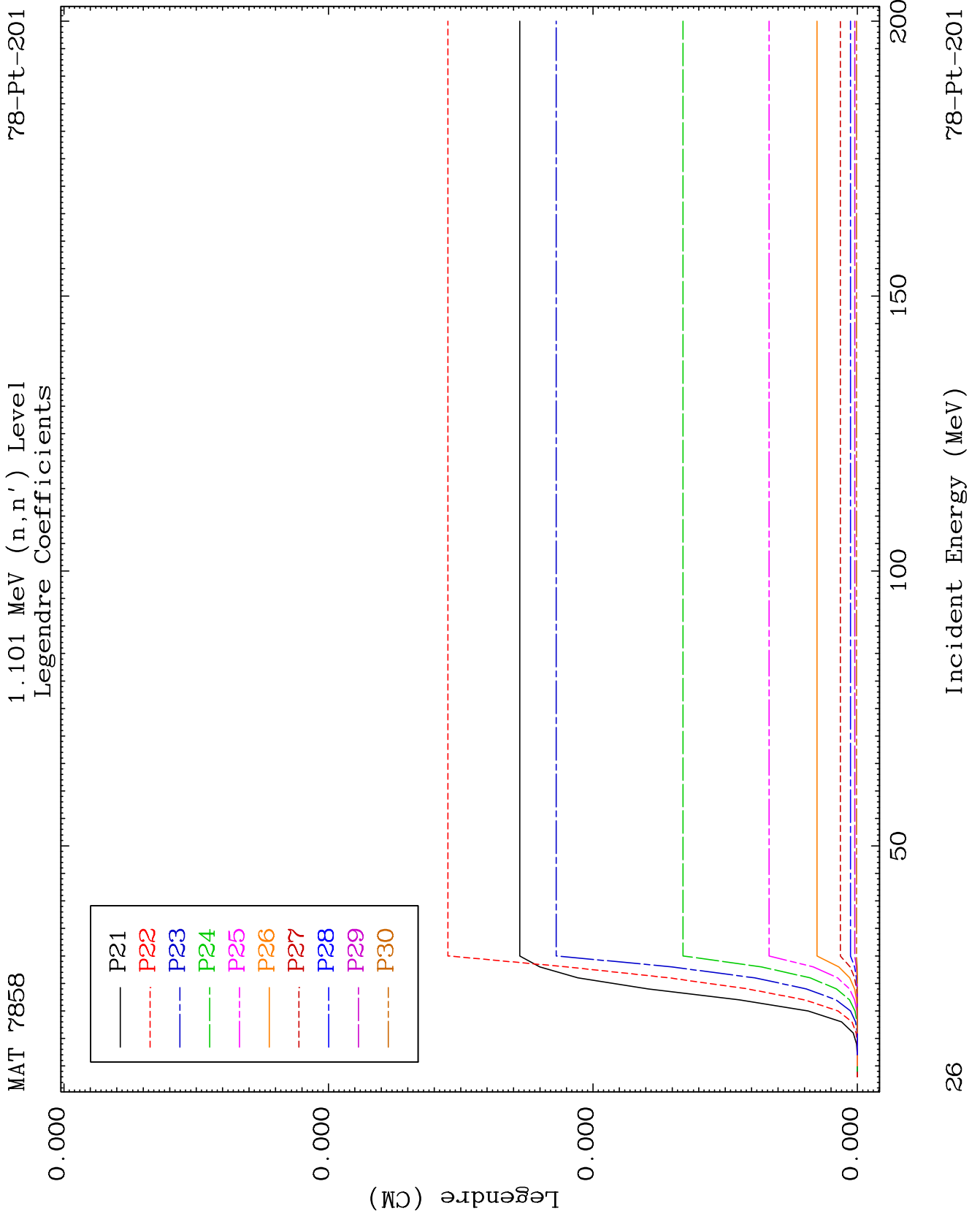
78-Pt-201

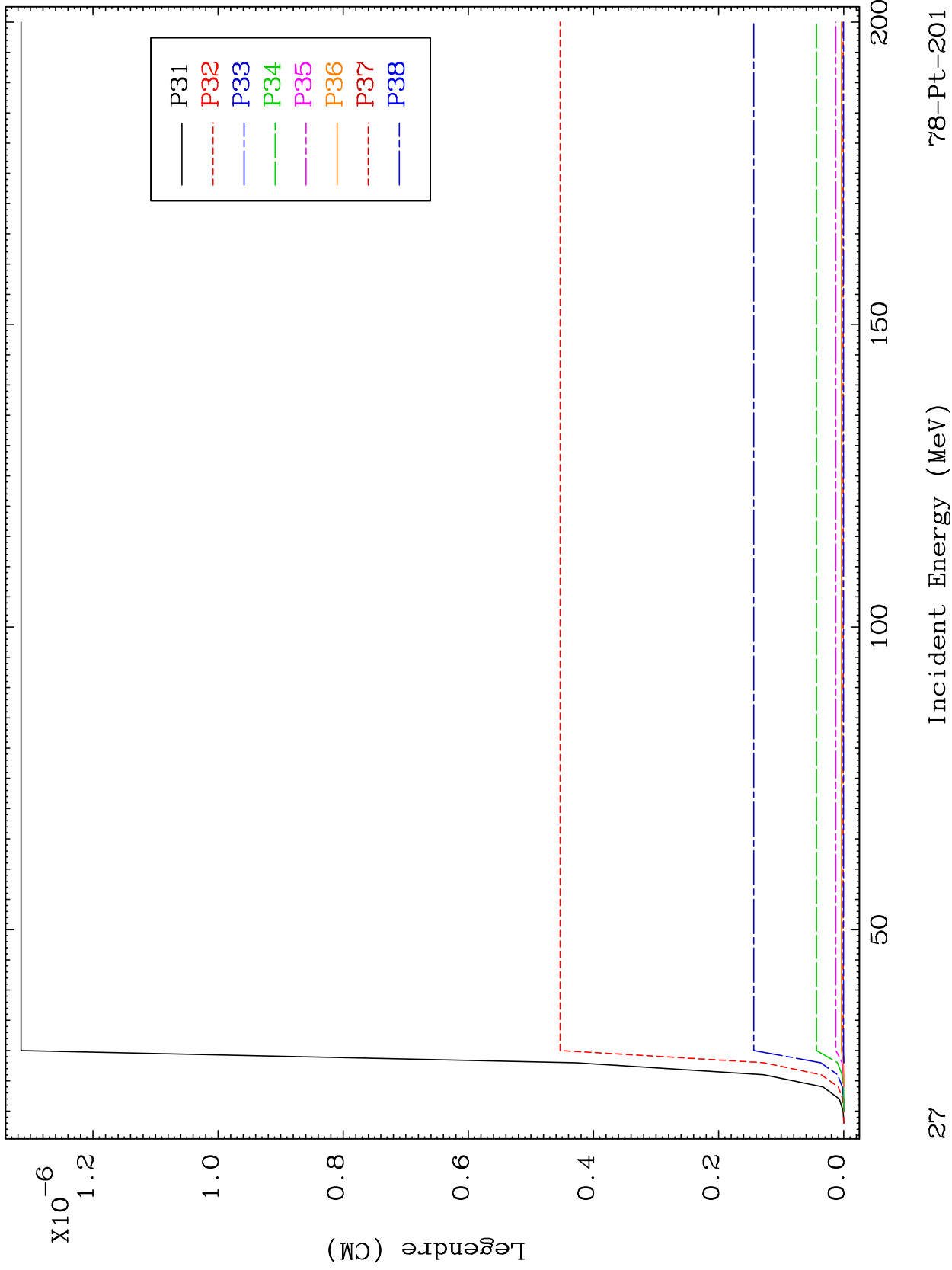


78-Pt-201

Incident Energy (MeV)

25

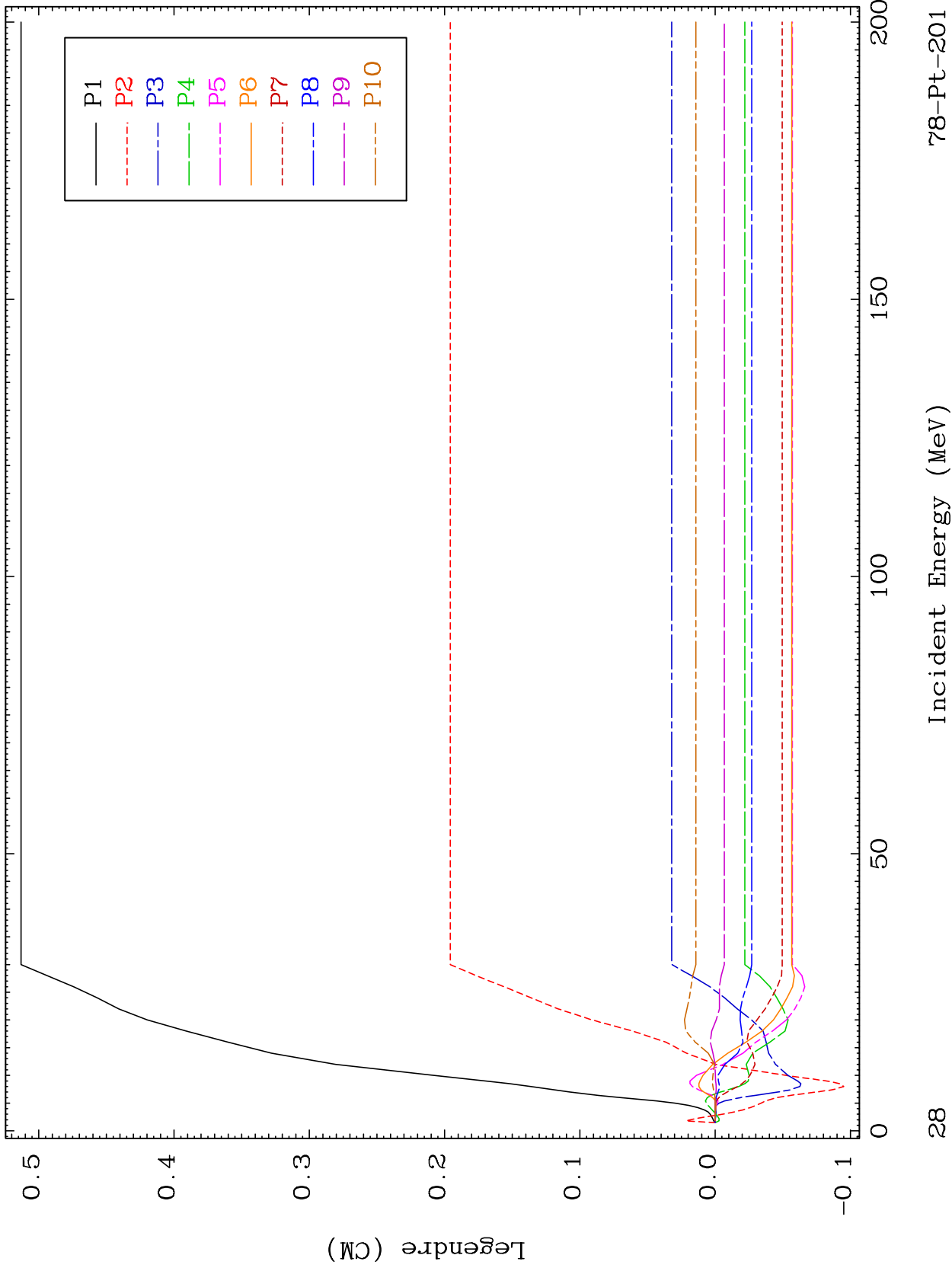




MAT 7858

1.455 MeV (n,n') Level
Legendre Coefficients

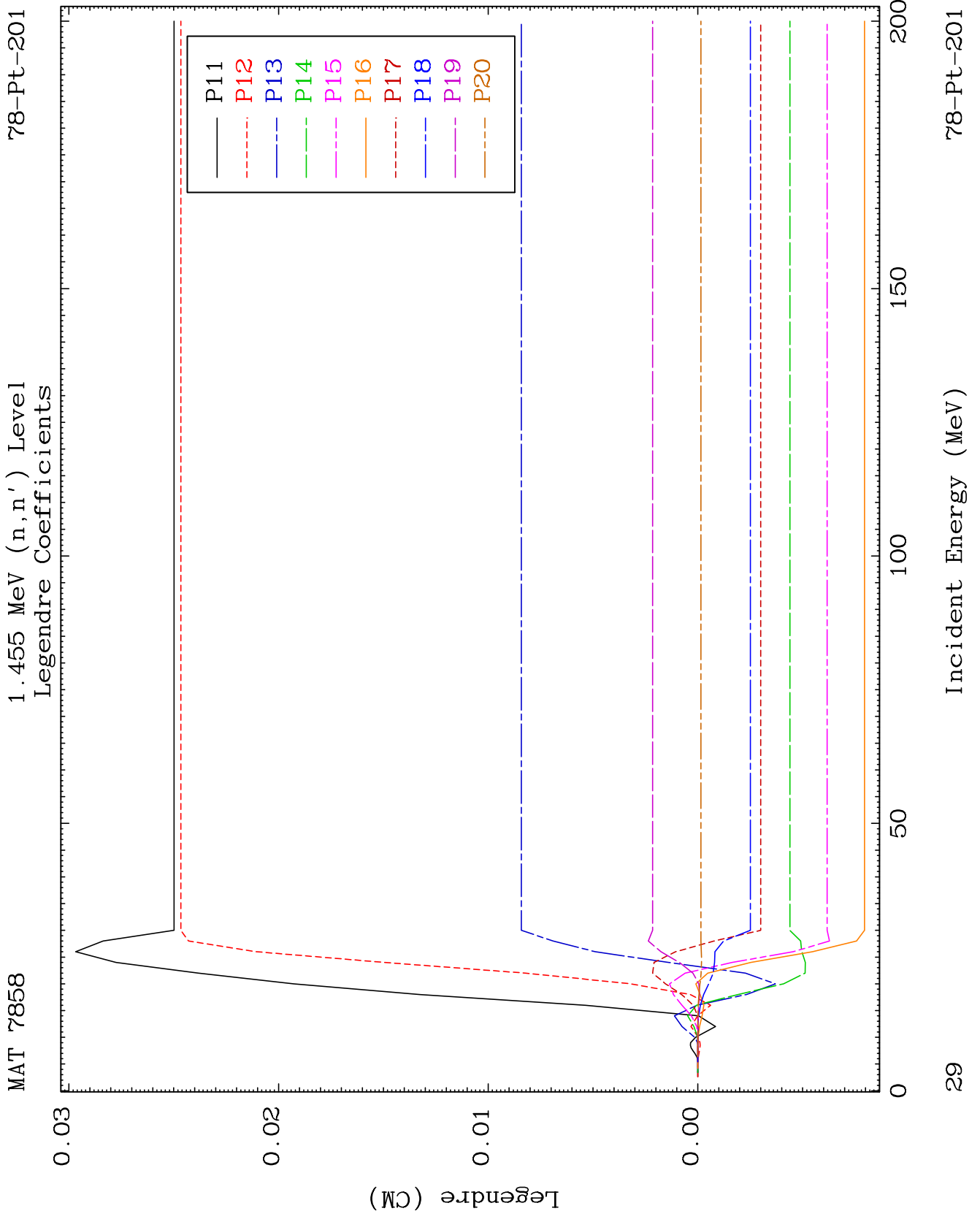
78-Pt-201



78-Pt-201

Incident Energy (MeV)

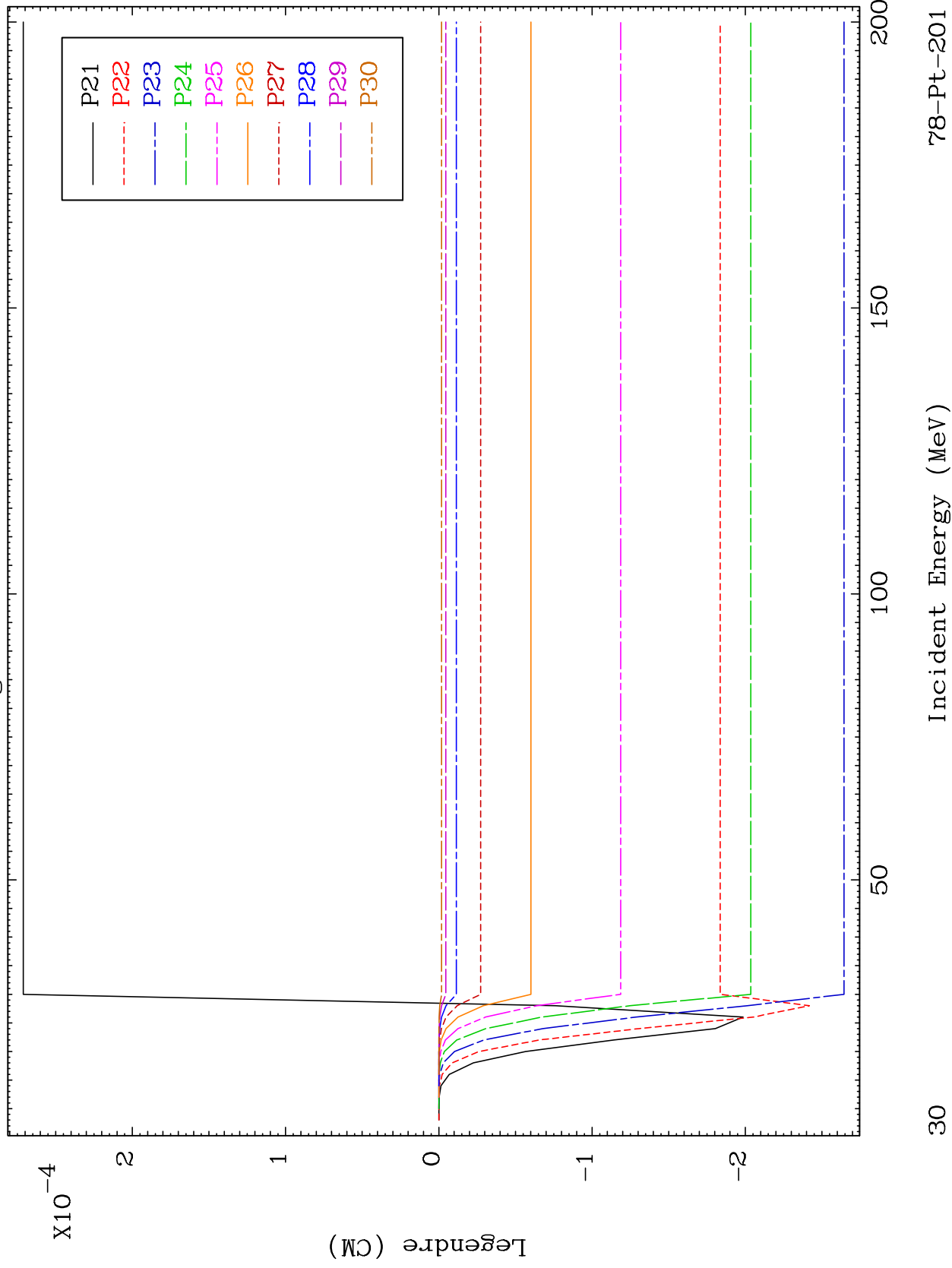
28



MAT 7858

1.455 MeV (n,n') Level
Legendre Coefficients

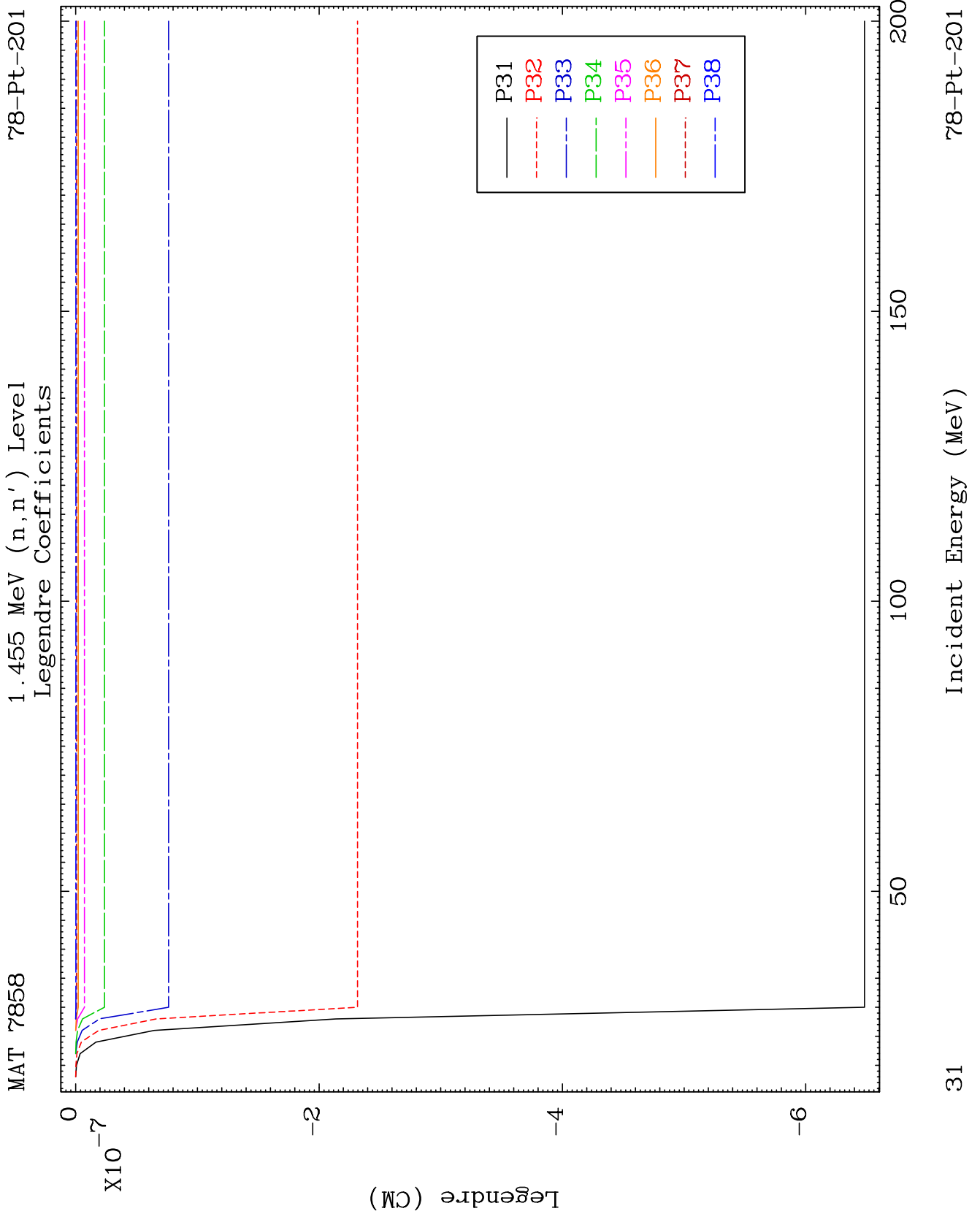
78-Pt-201



30

Incident Energy (MeV)

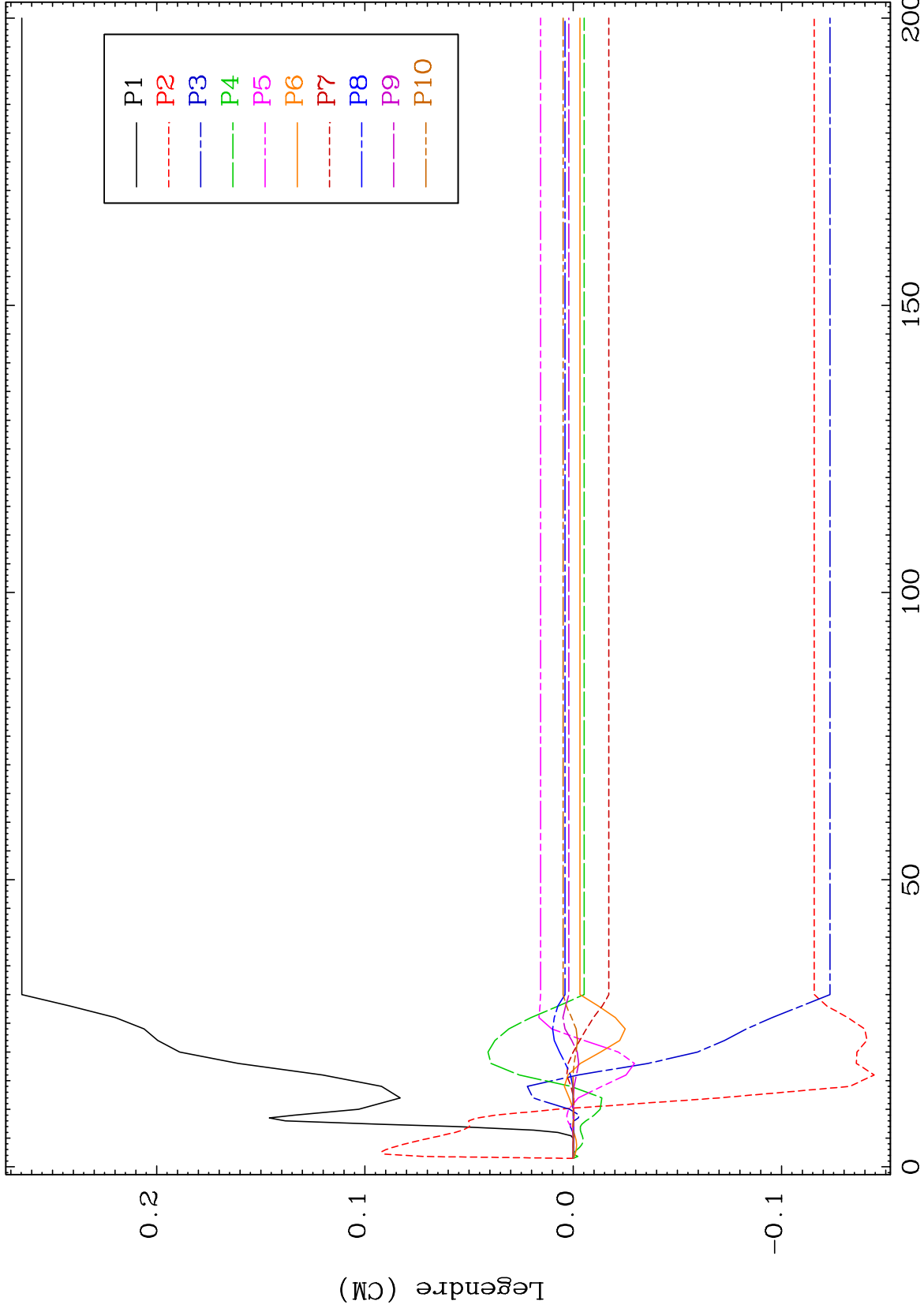
78-Pt-201



MAT 7858

1.458 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



32

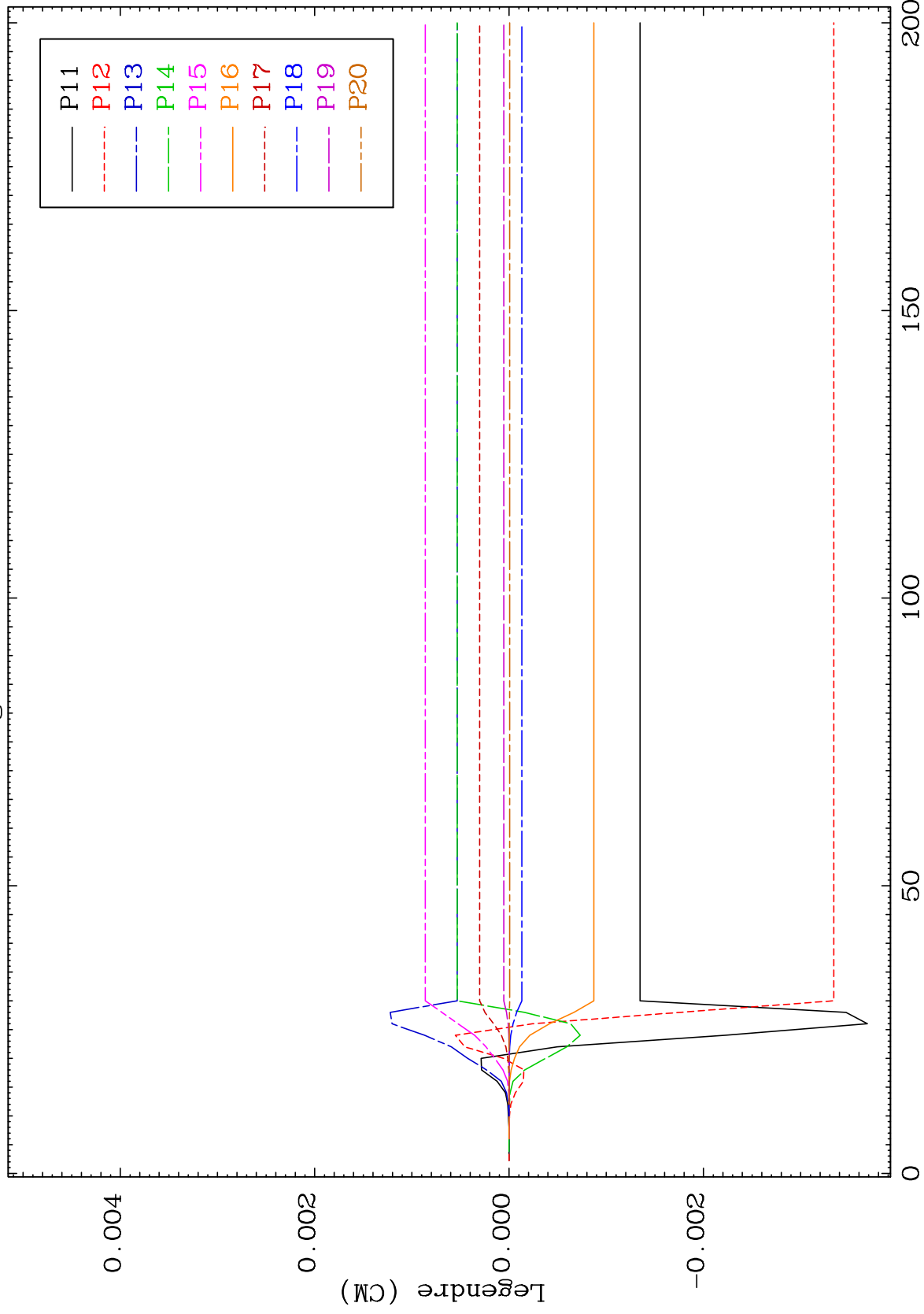
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.458 MeV (n,n') Level
Legendre Coefficients

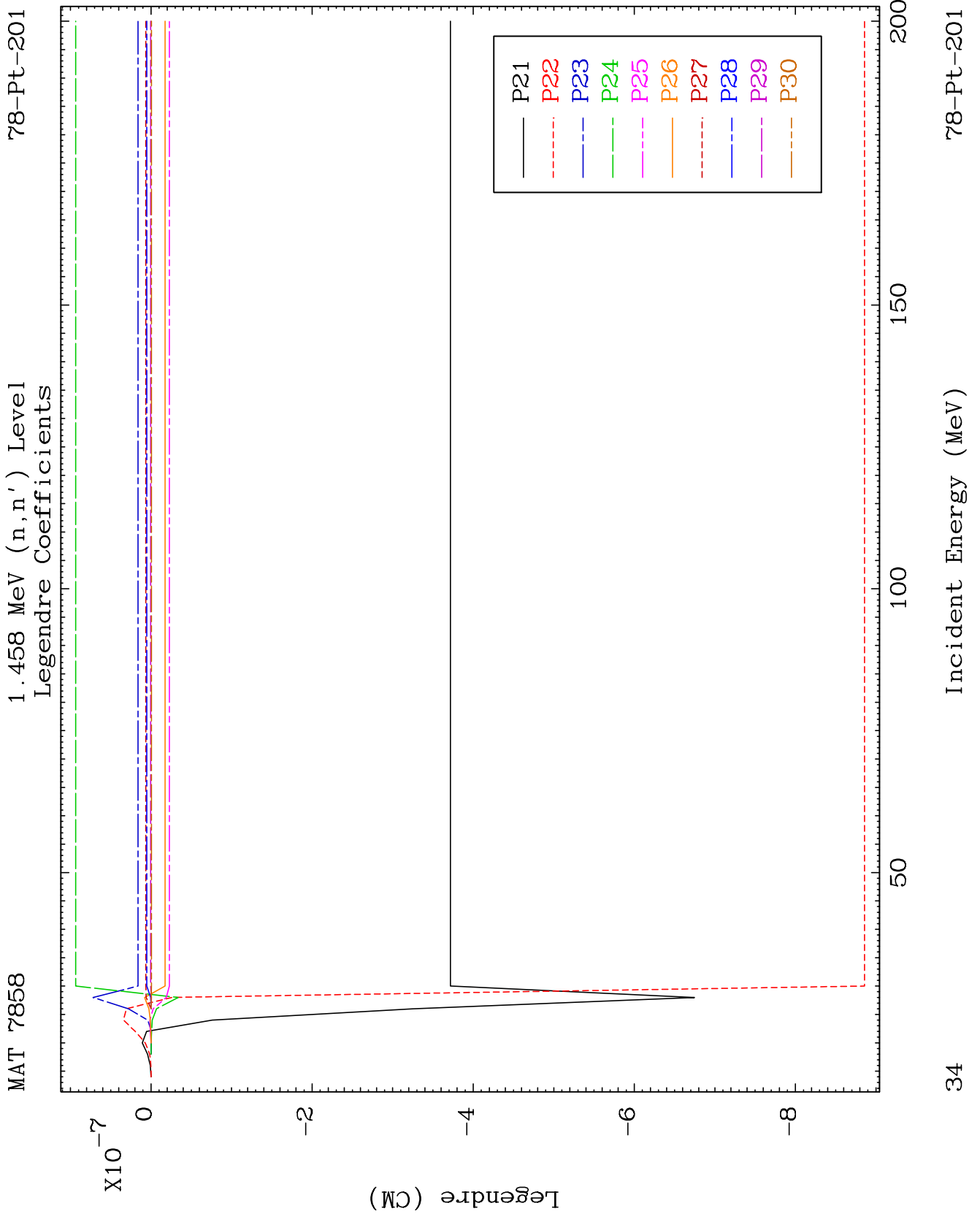
78-Pt-201



33

Incident Energy (MeV)

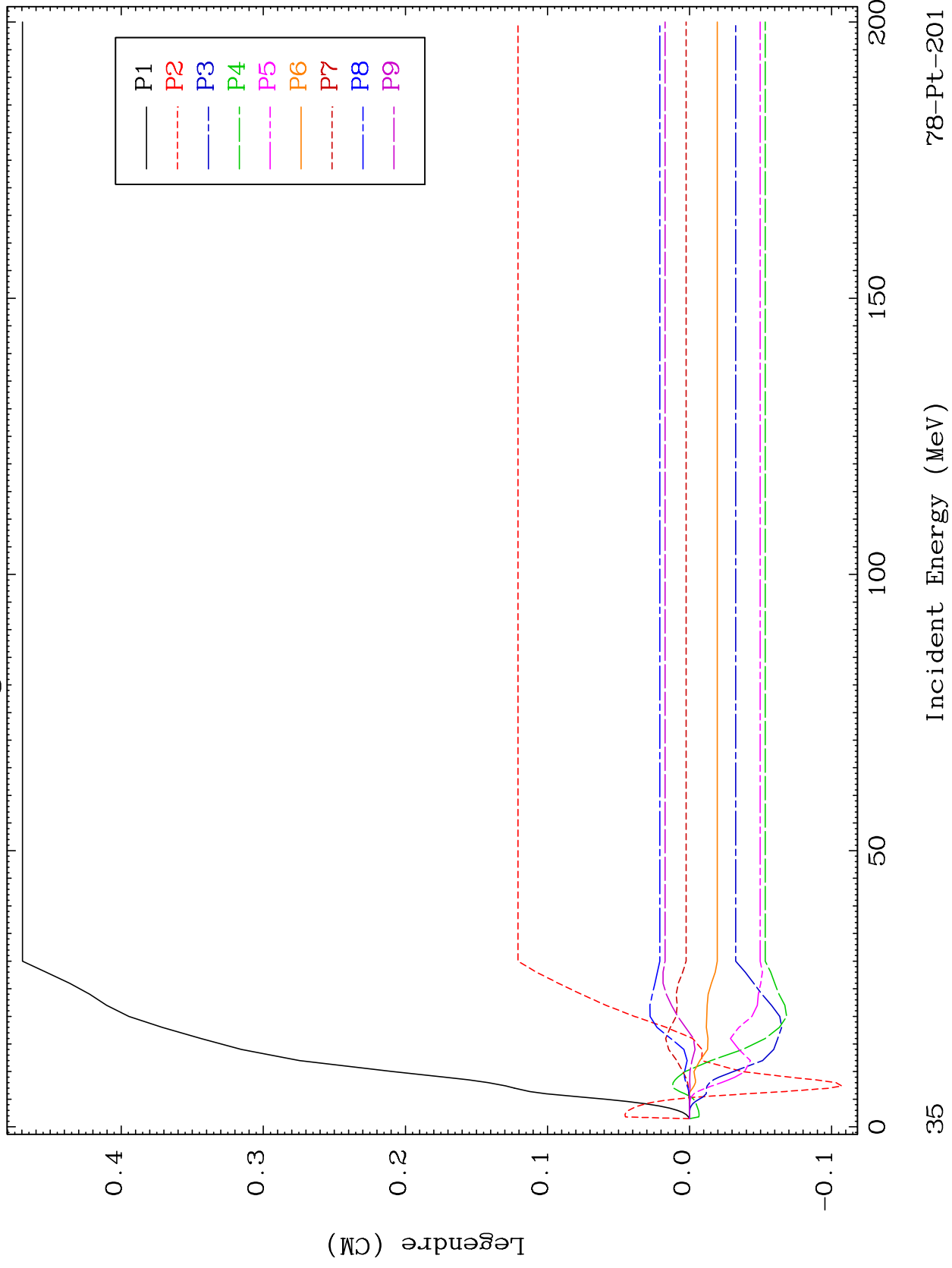
78-Pt-201



MAT 7858

1.461 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



78-Pt-201

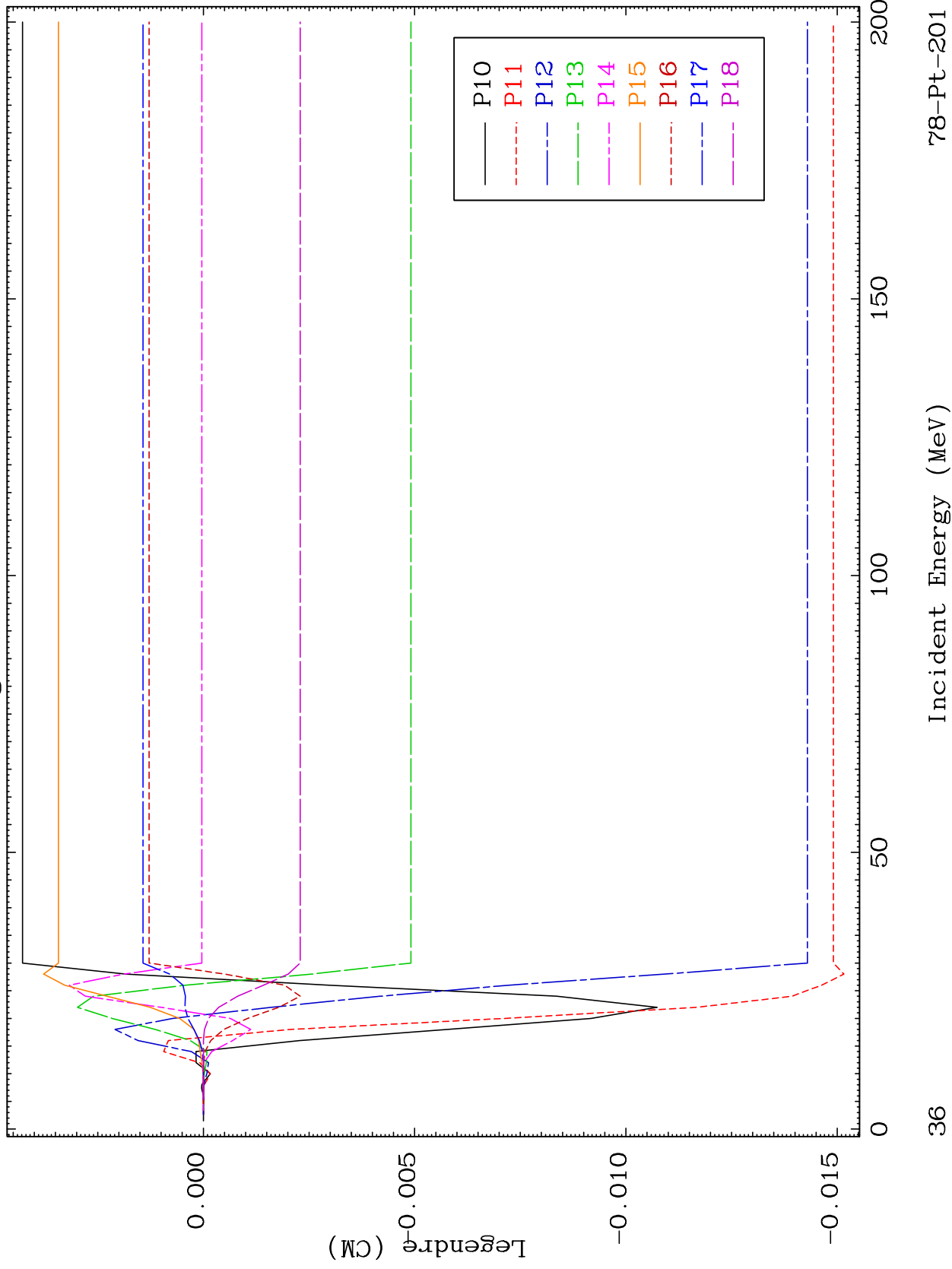
Incident Energy (MeV)

35

MAT 7858

1.461 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



36

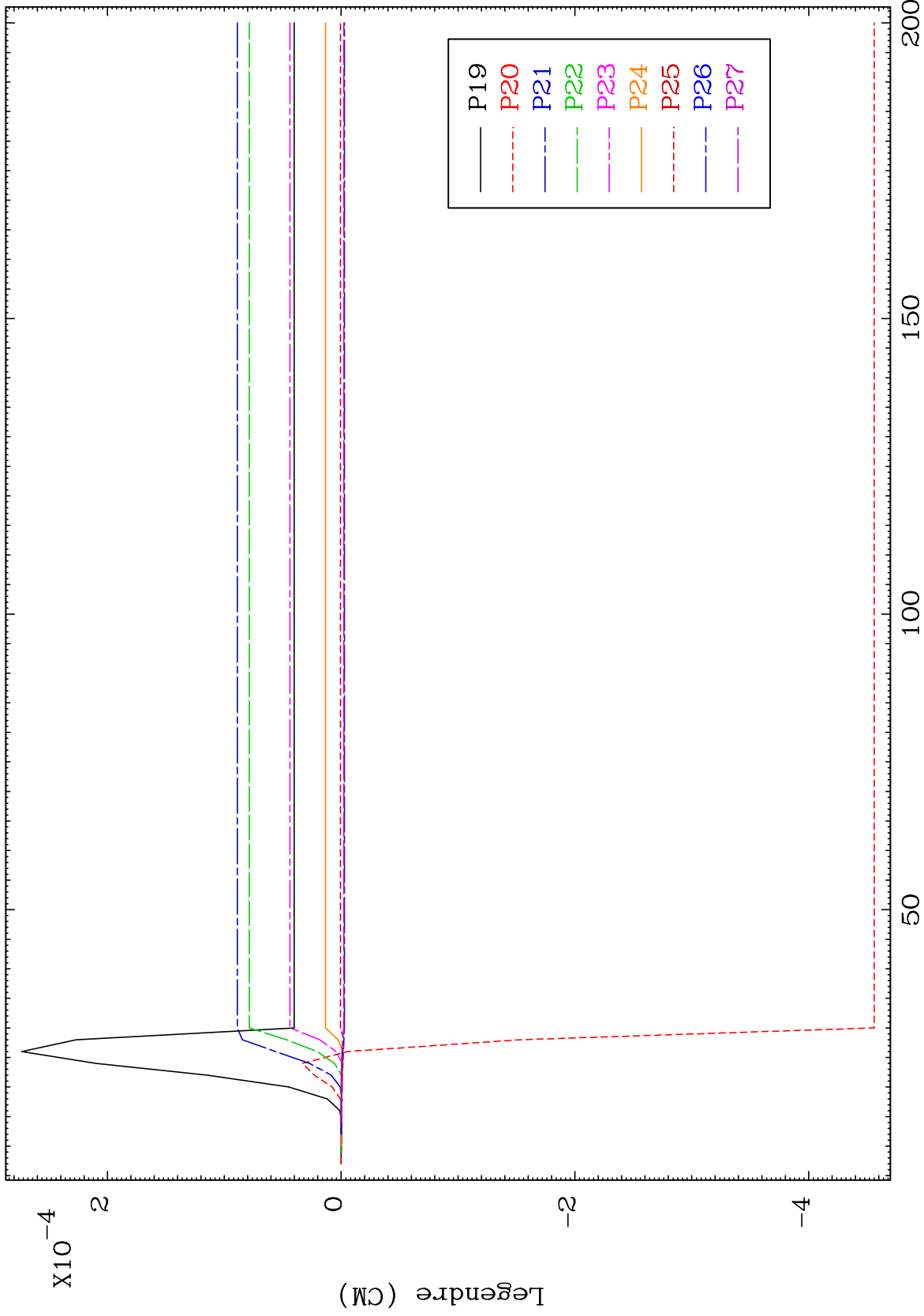
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.461 MeV (n,n') Level
Legendre Coefficients

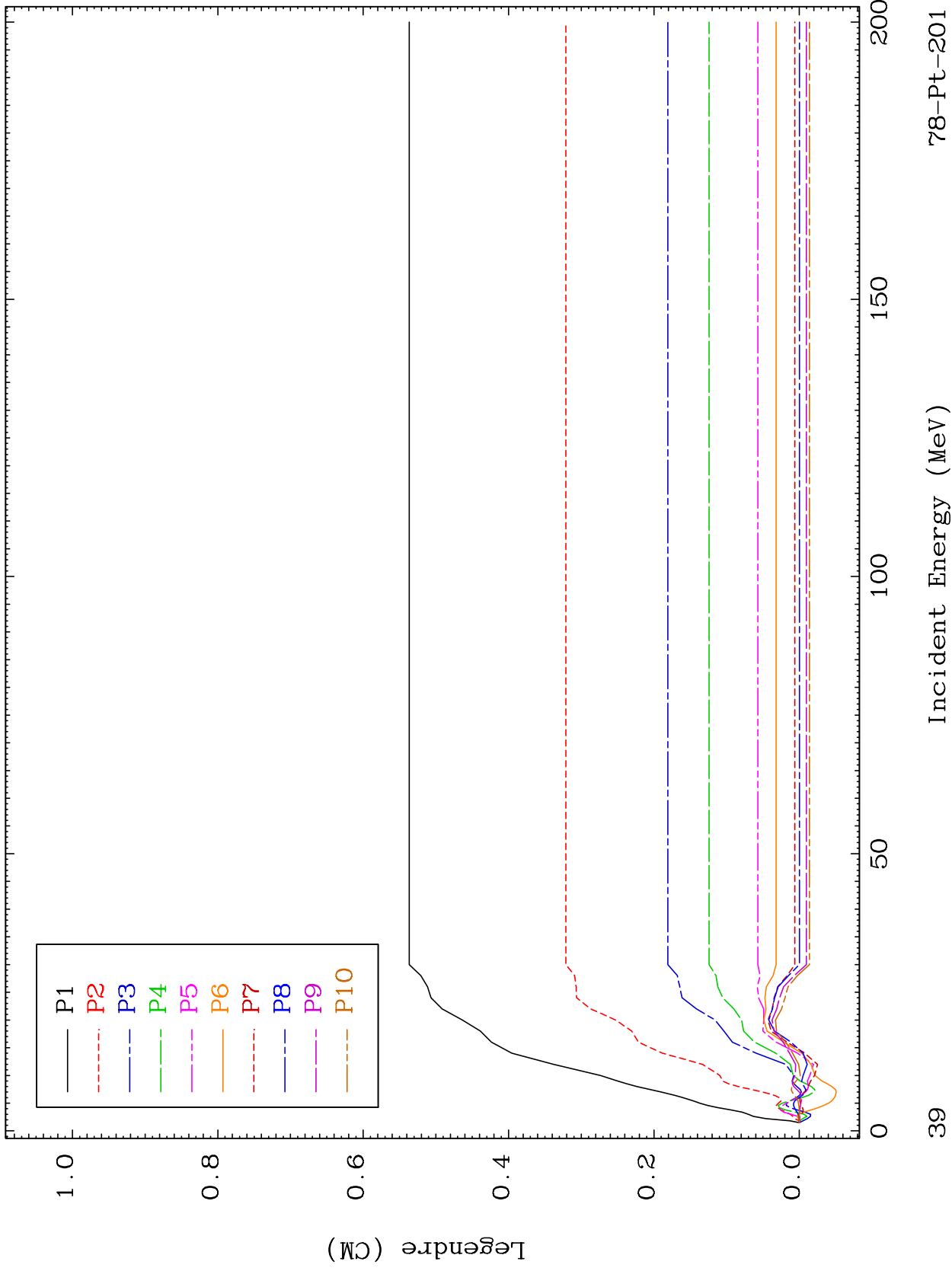
78-Pt-201



37

Incident Energy (MeV)

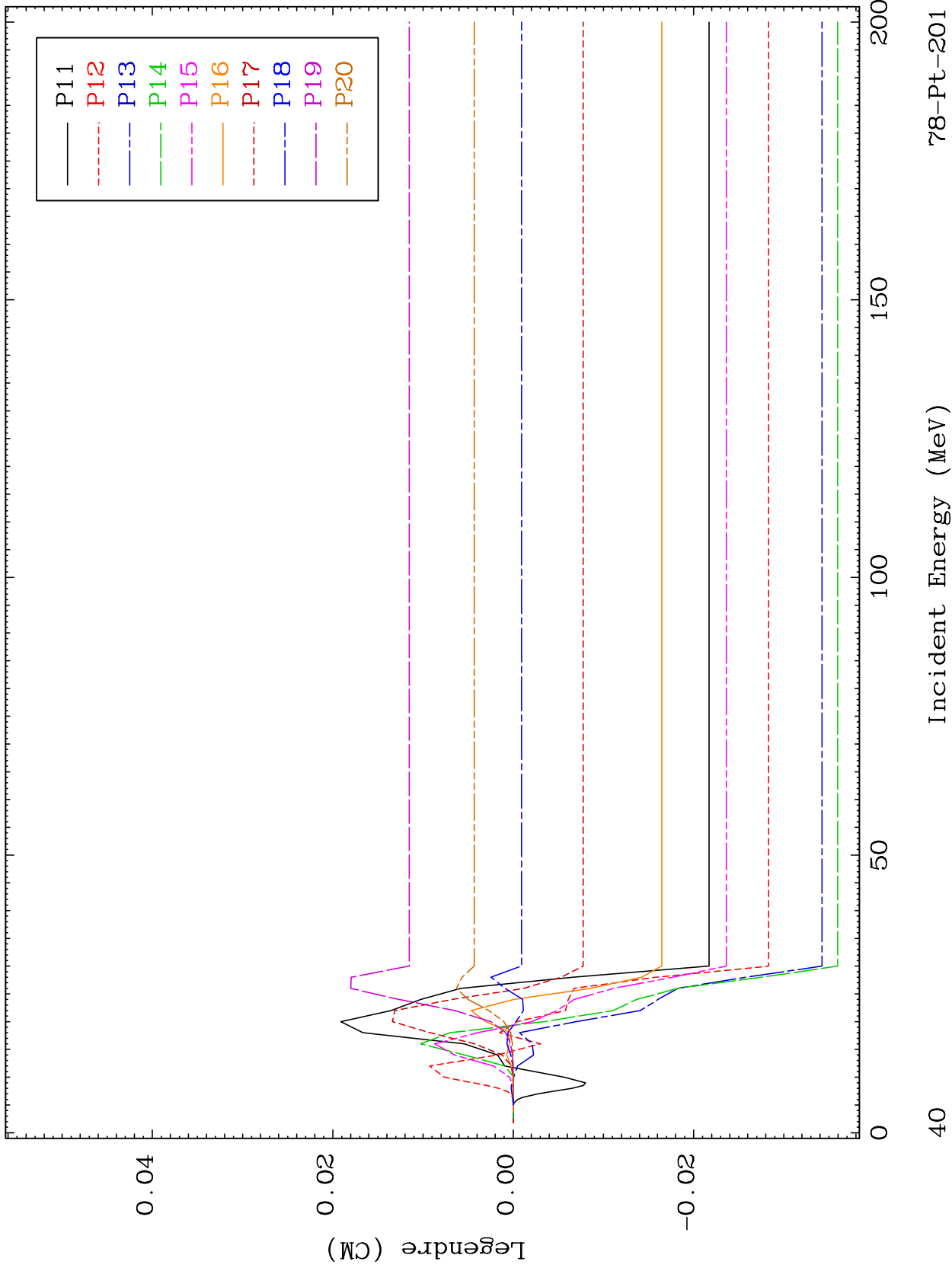
78-Pt-201



MAT 7858

1.462 MeV (n,n') Level
Legendre Coefficients

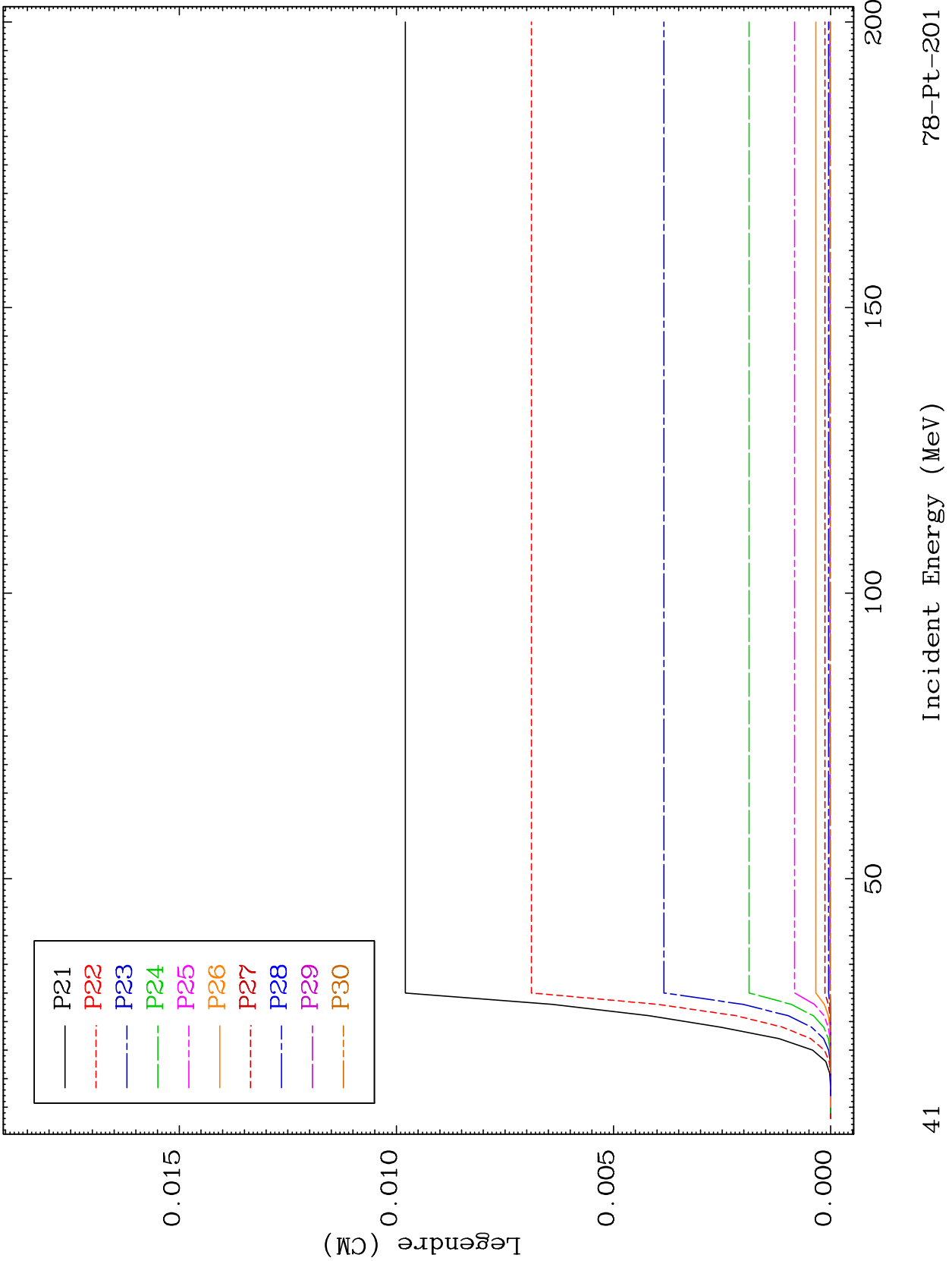
78-Pt-201



78-Pt-201

Incident Energy (MeV)

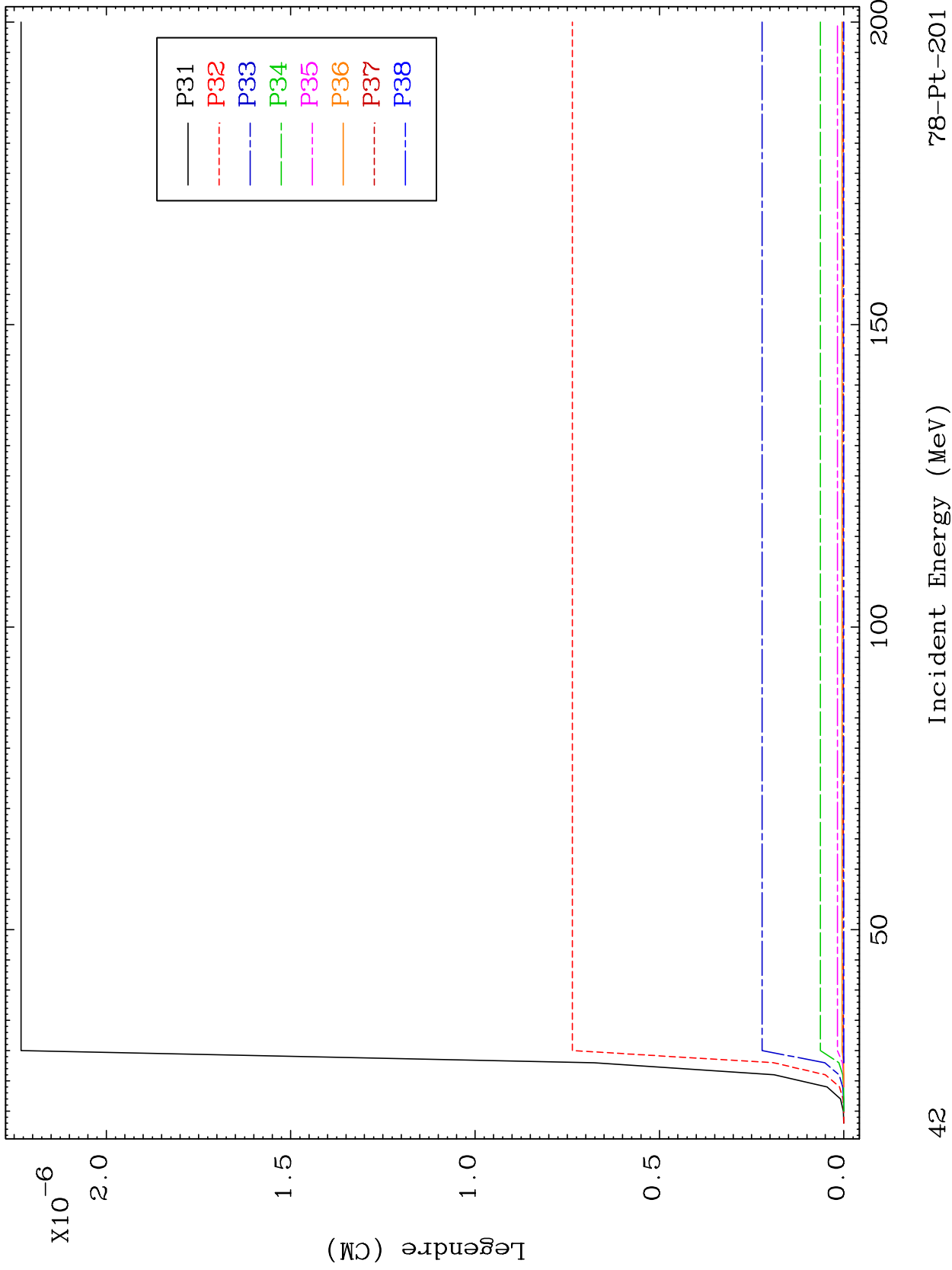
40



MAT 7858

1.462 MeV (n,n') Level
Legendre Coefficients

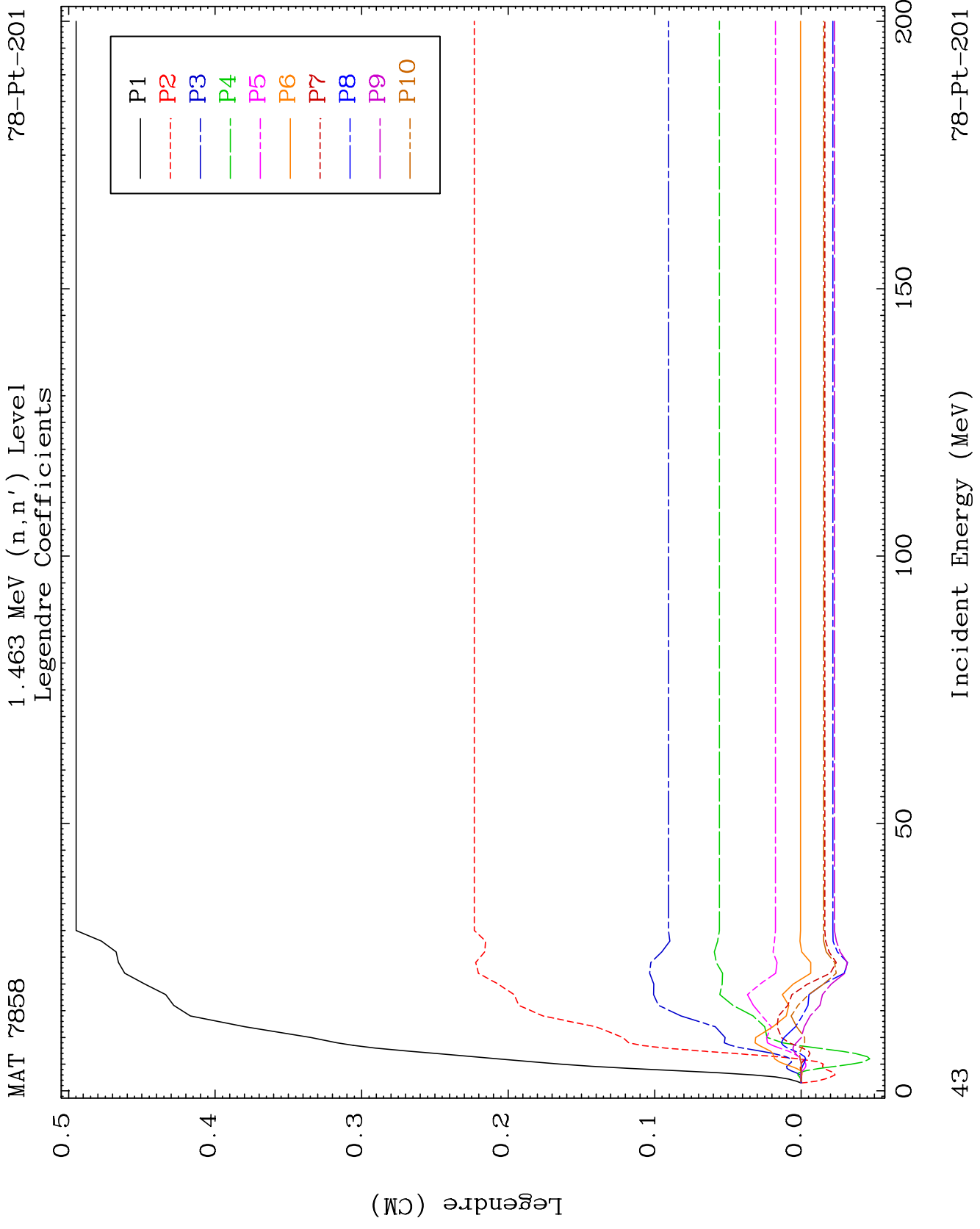
78-Pt-201



42

Incident Energy (MeV)

78-Pt-201



78-Pt-201

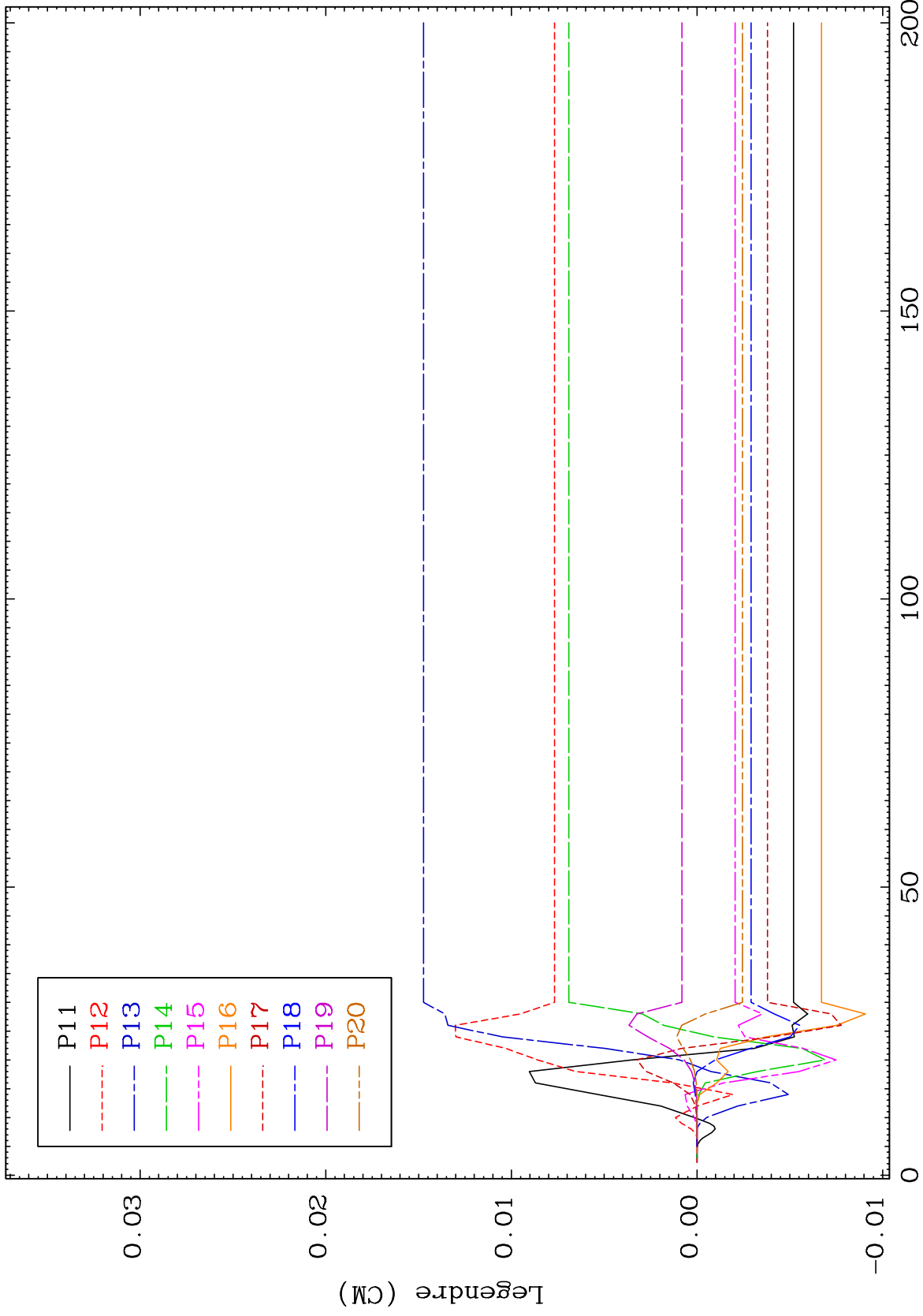
Incident Energy (MeV)

43

MAT 7858

1.463 MeV (n, n') Level
Legendre Coefficients

78-Pt-201



44

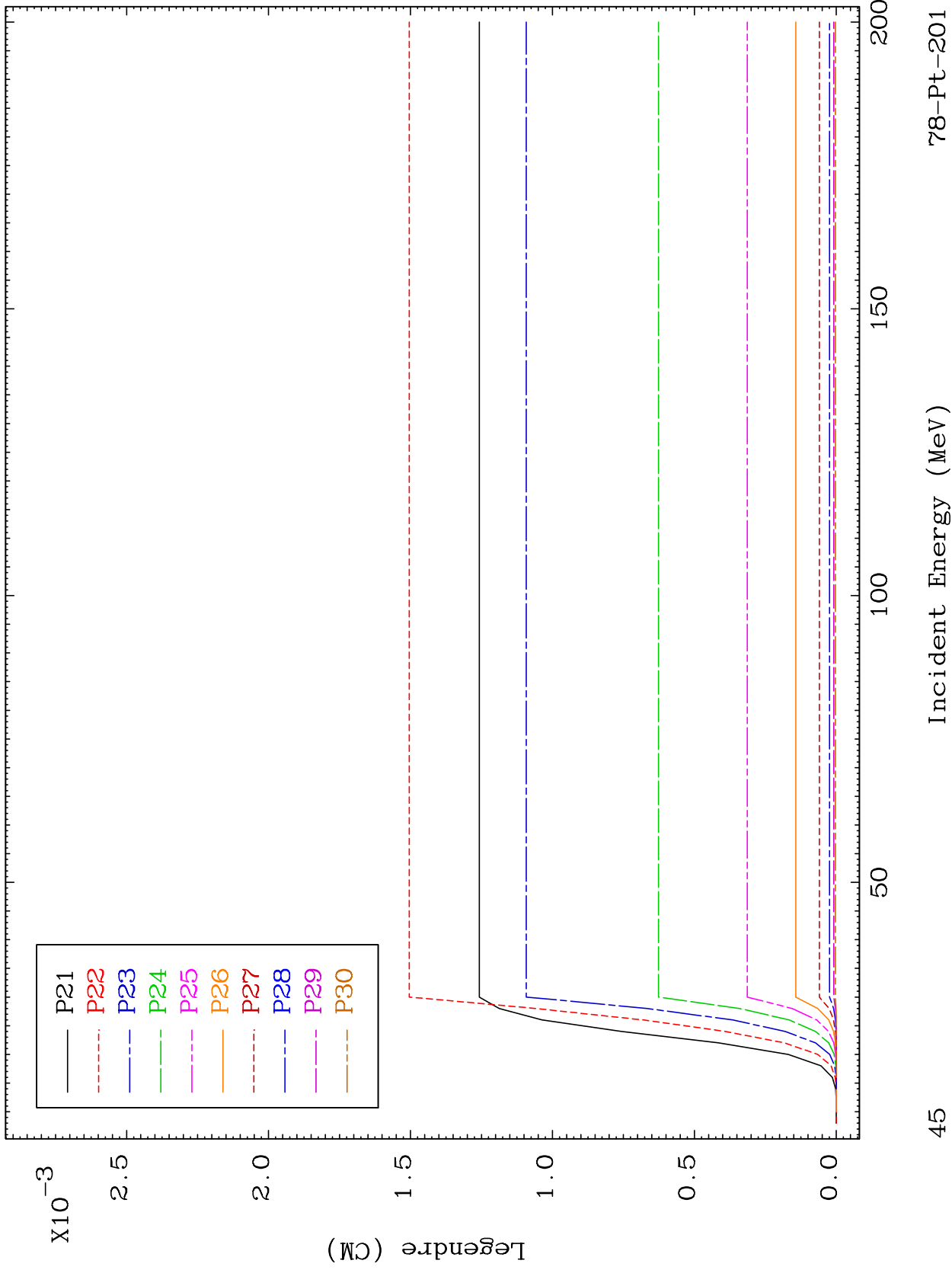
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.463 MeV (n,n') Level
Legendre Coefficients

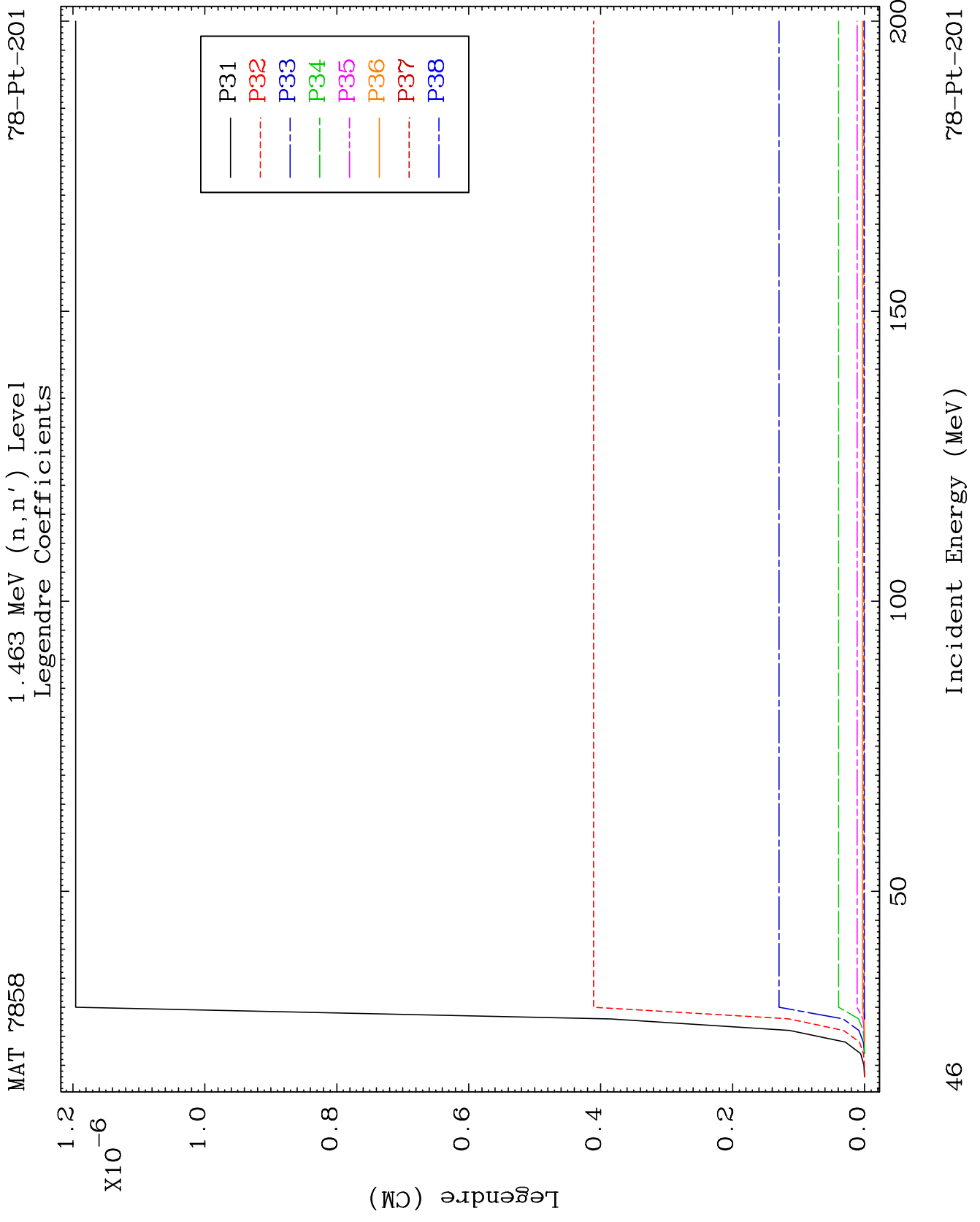
78-Pt-201



45

Incident Energy (MeV)

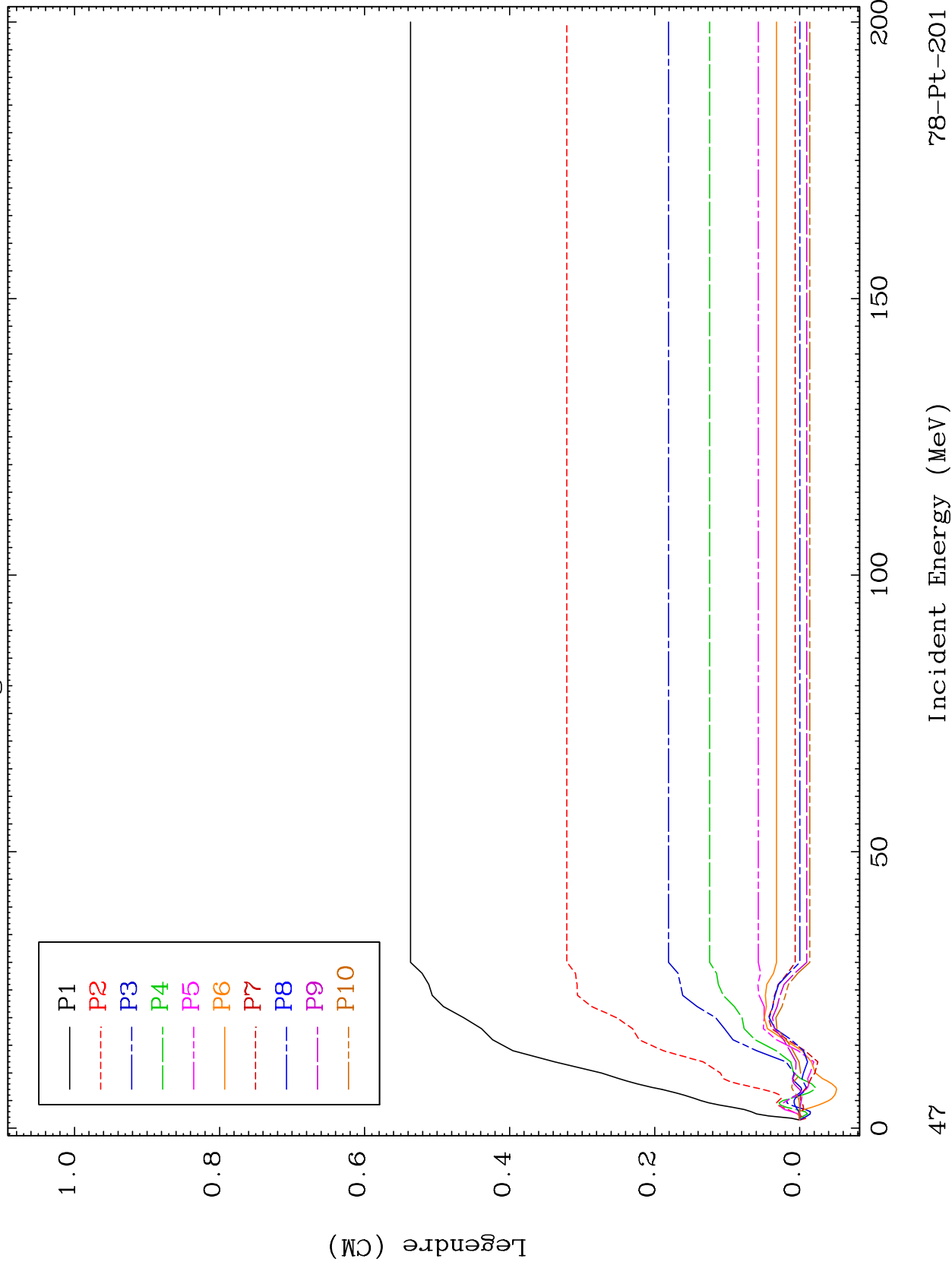
78-Pt-201



MAT 7858

1.464 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



78-Pt-201

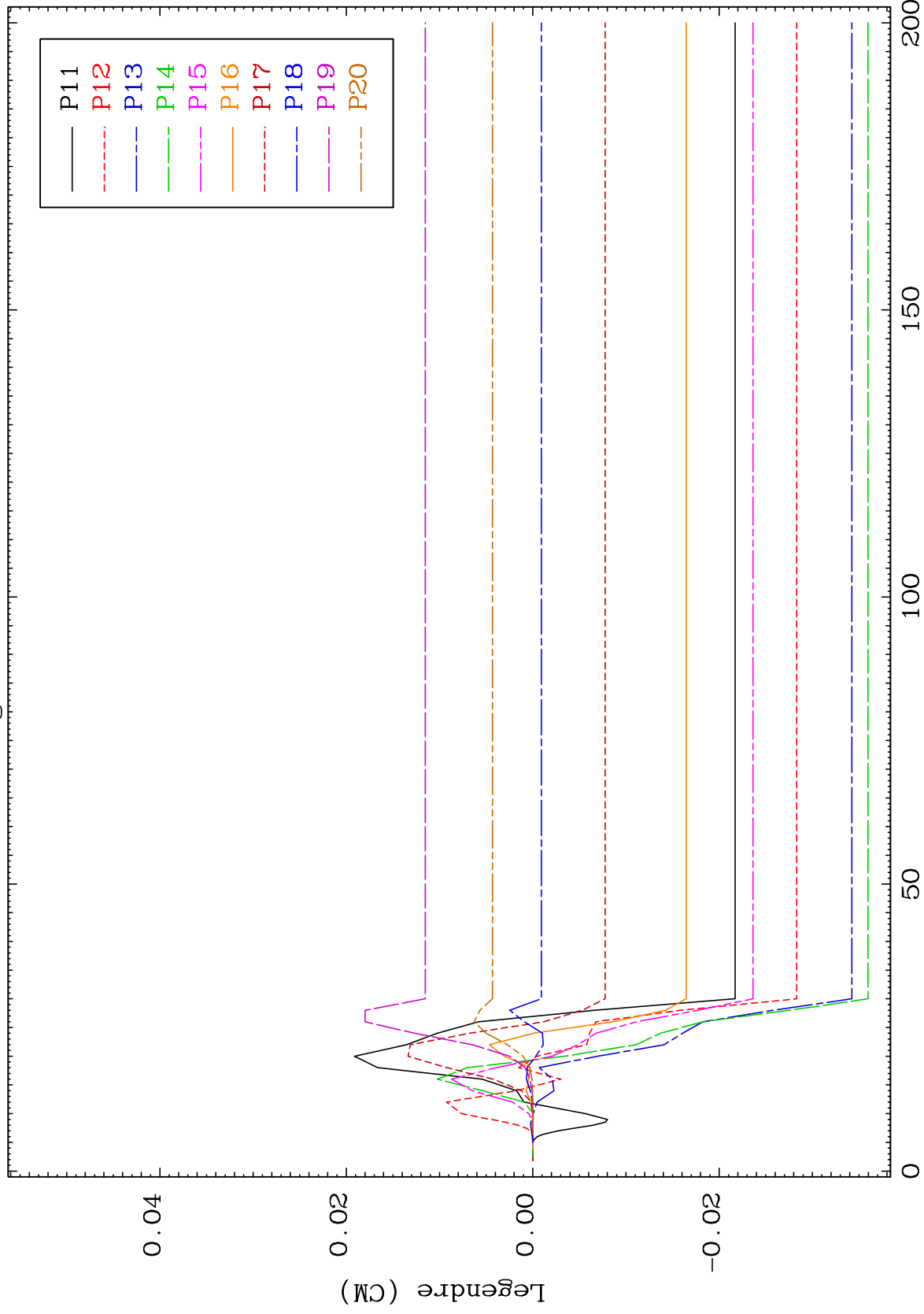
Incident Energy (MeV)

47

MAT 7858

1.464 MeV (n,n') Level
Legendre Coefficients

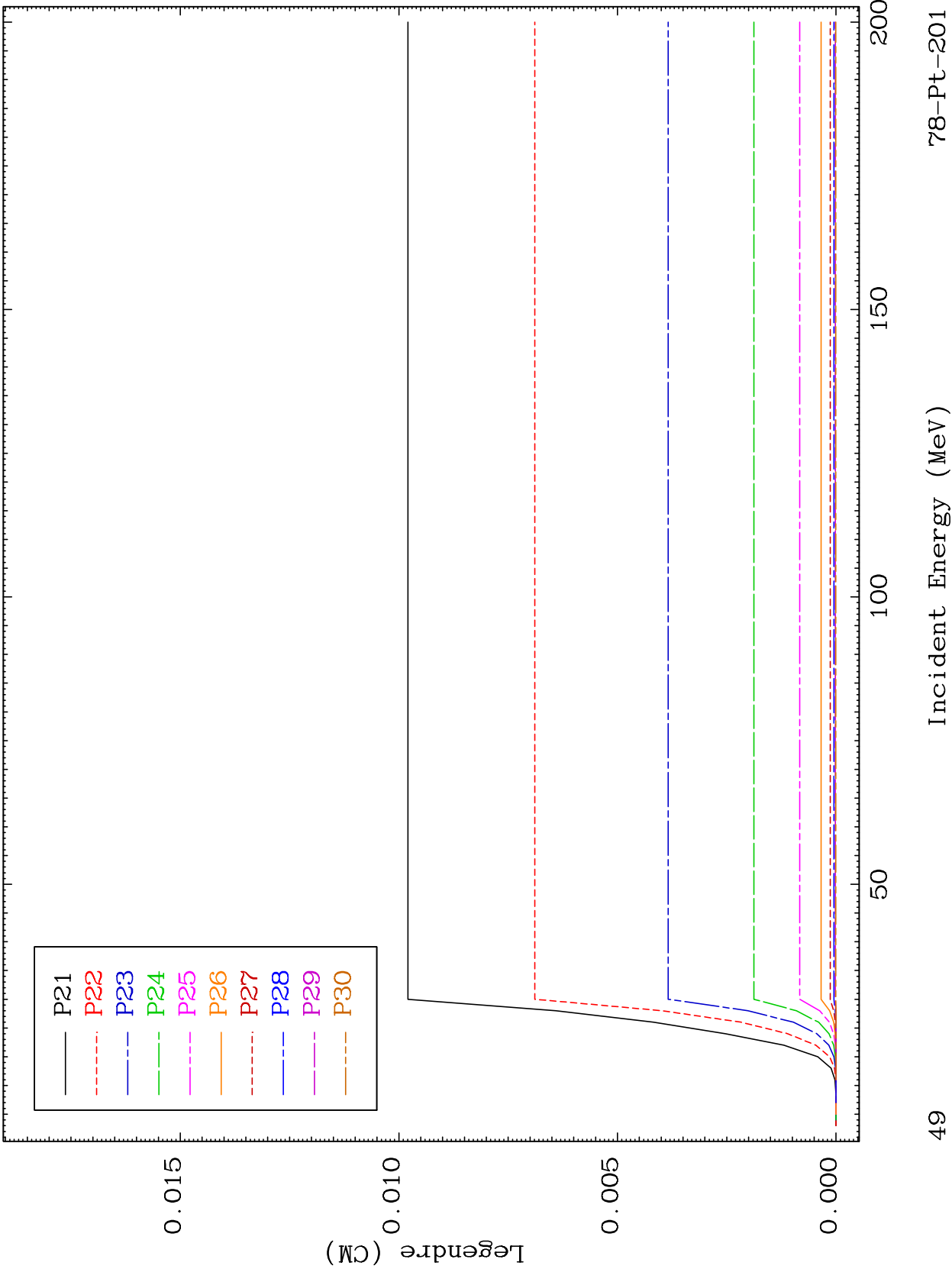
78-Pt-201

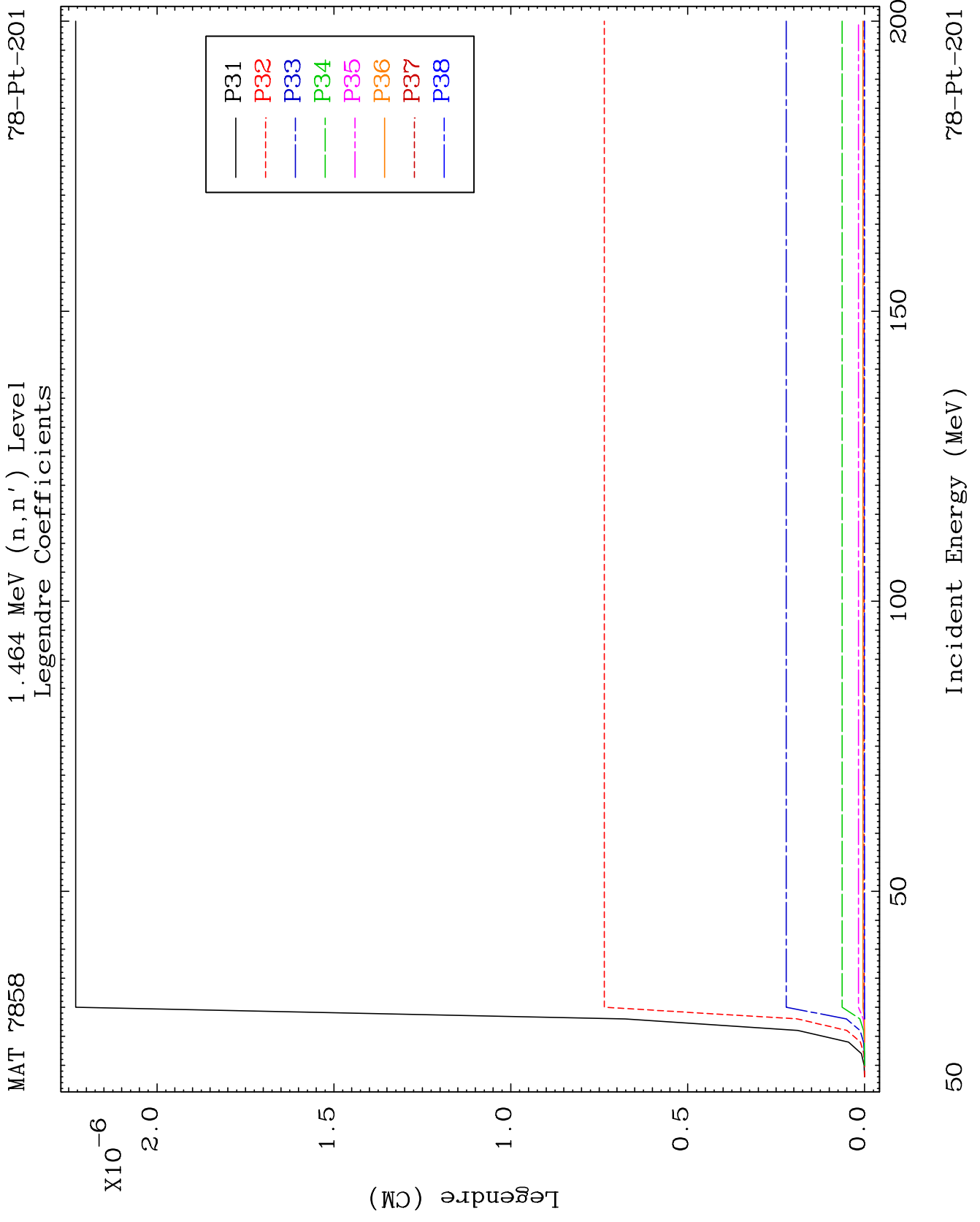


48

Incident Energy (MeV)

78-Pt-201

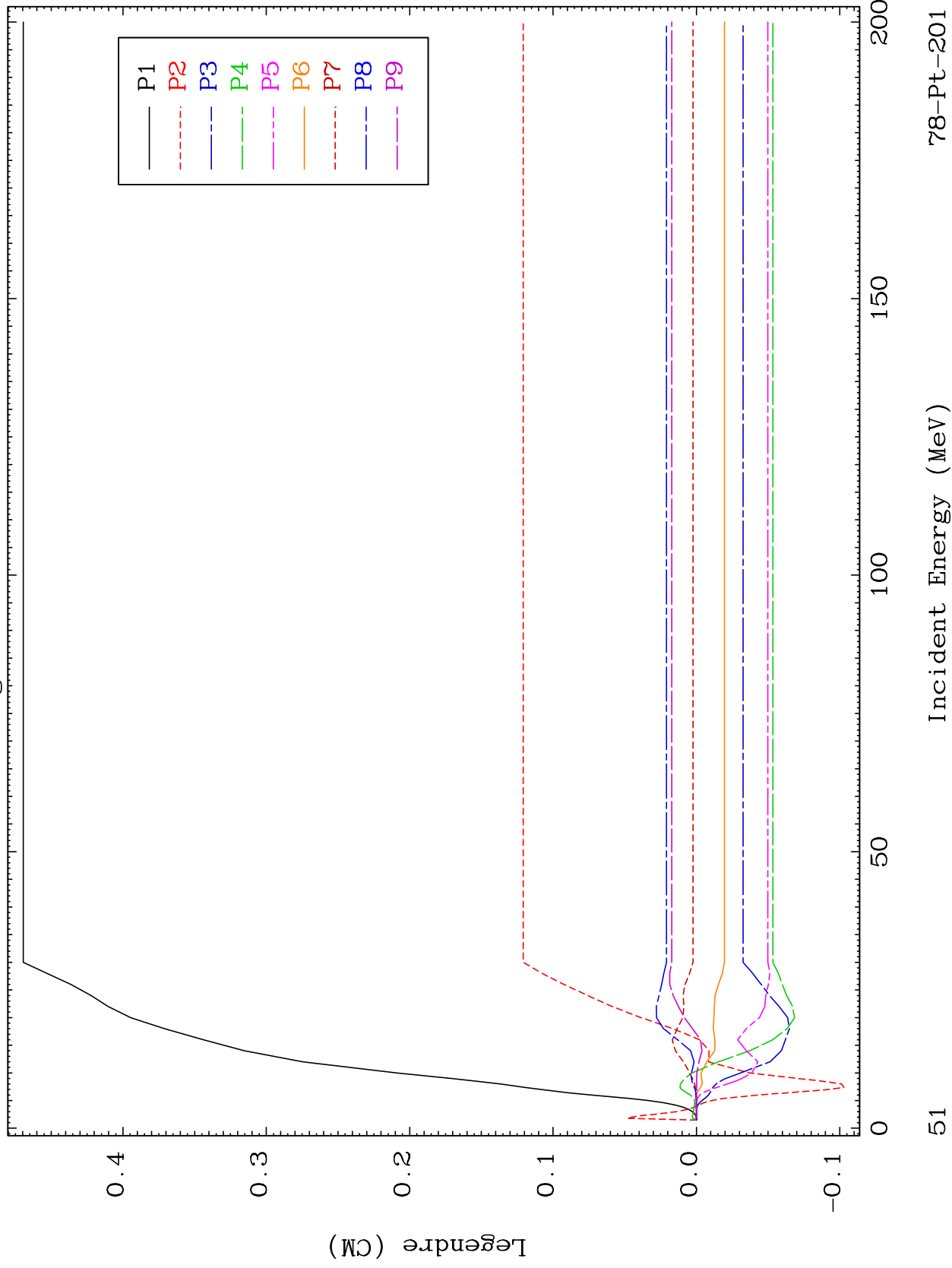




MAT 7858

1.465 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



78-Pt-201

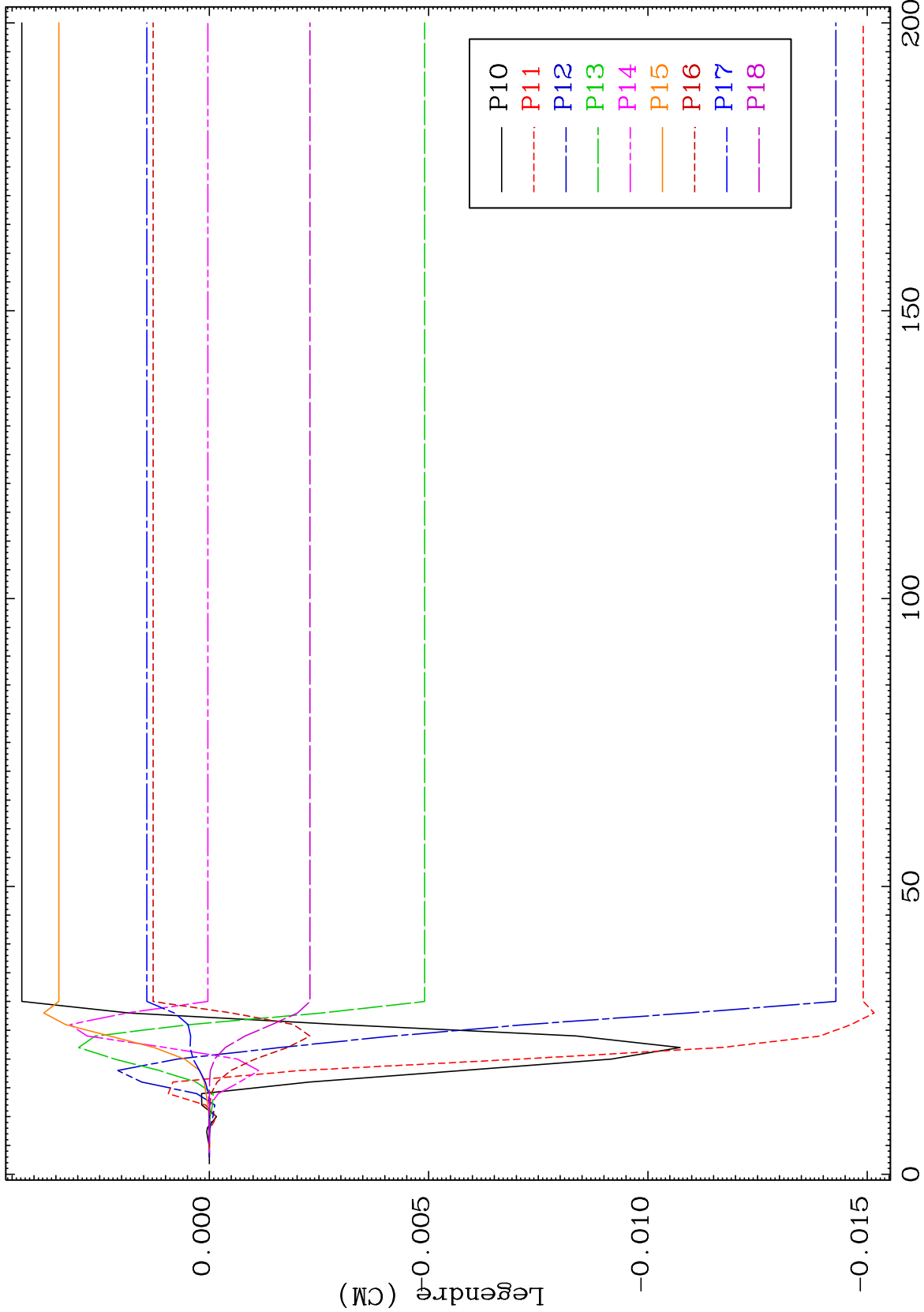
Incident Energy (MeV)

51

MAT 7858

1.465 MeV (n,n') Level
Legendre Coefficients

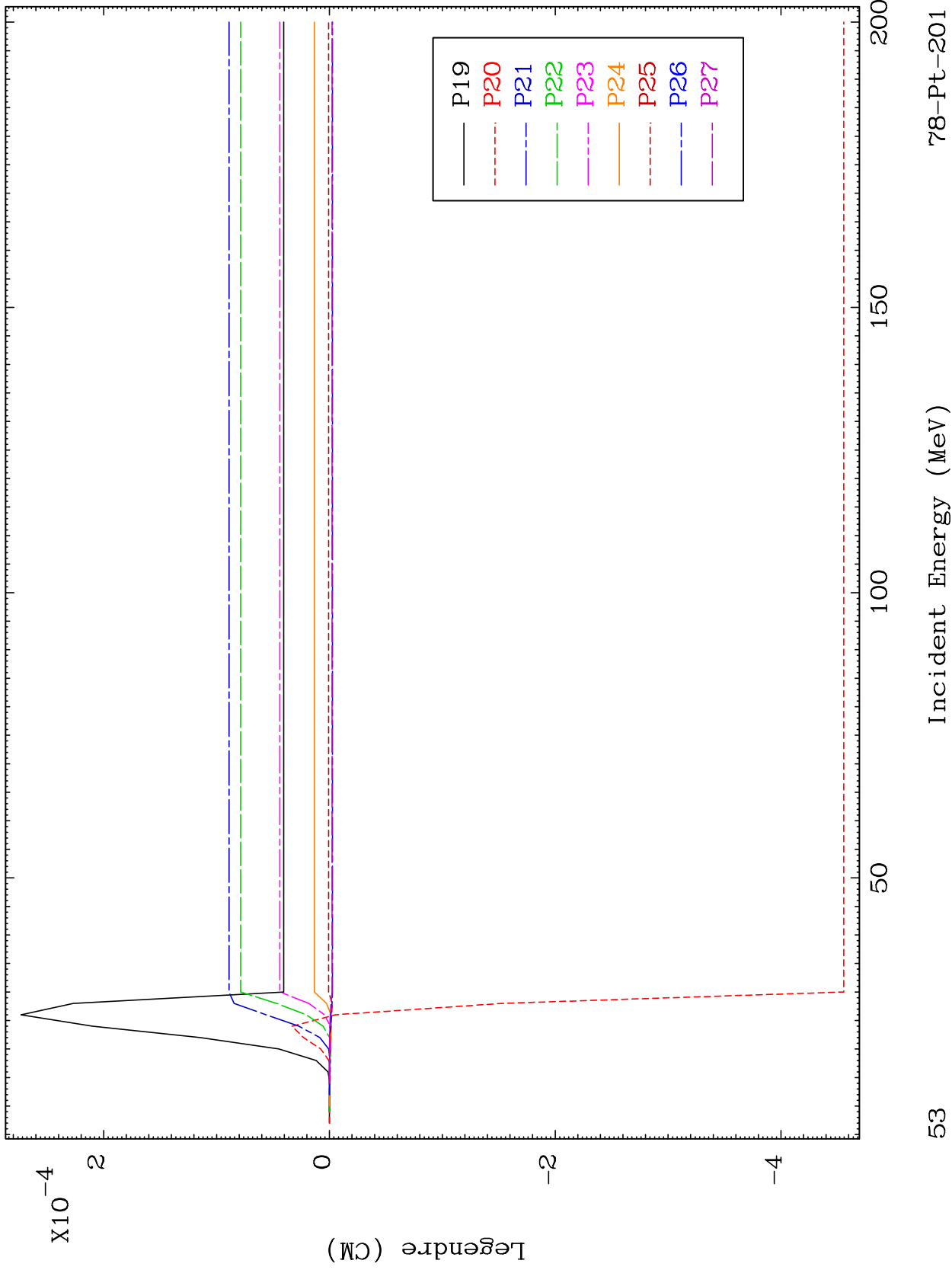
78-Pt-201

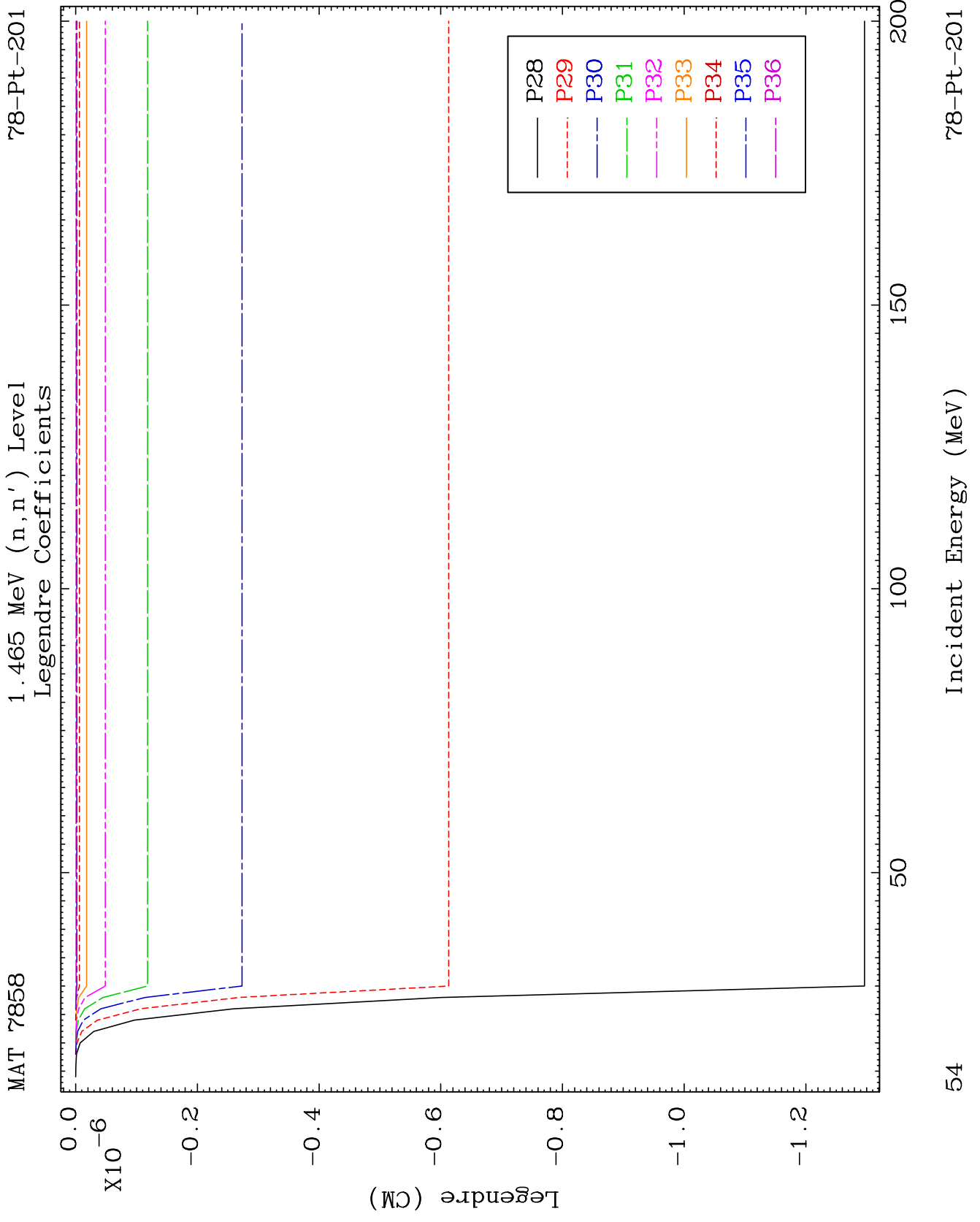


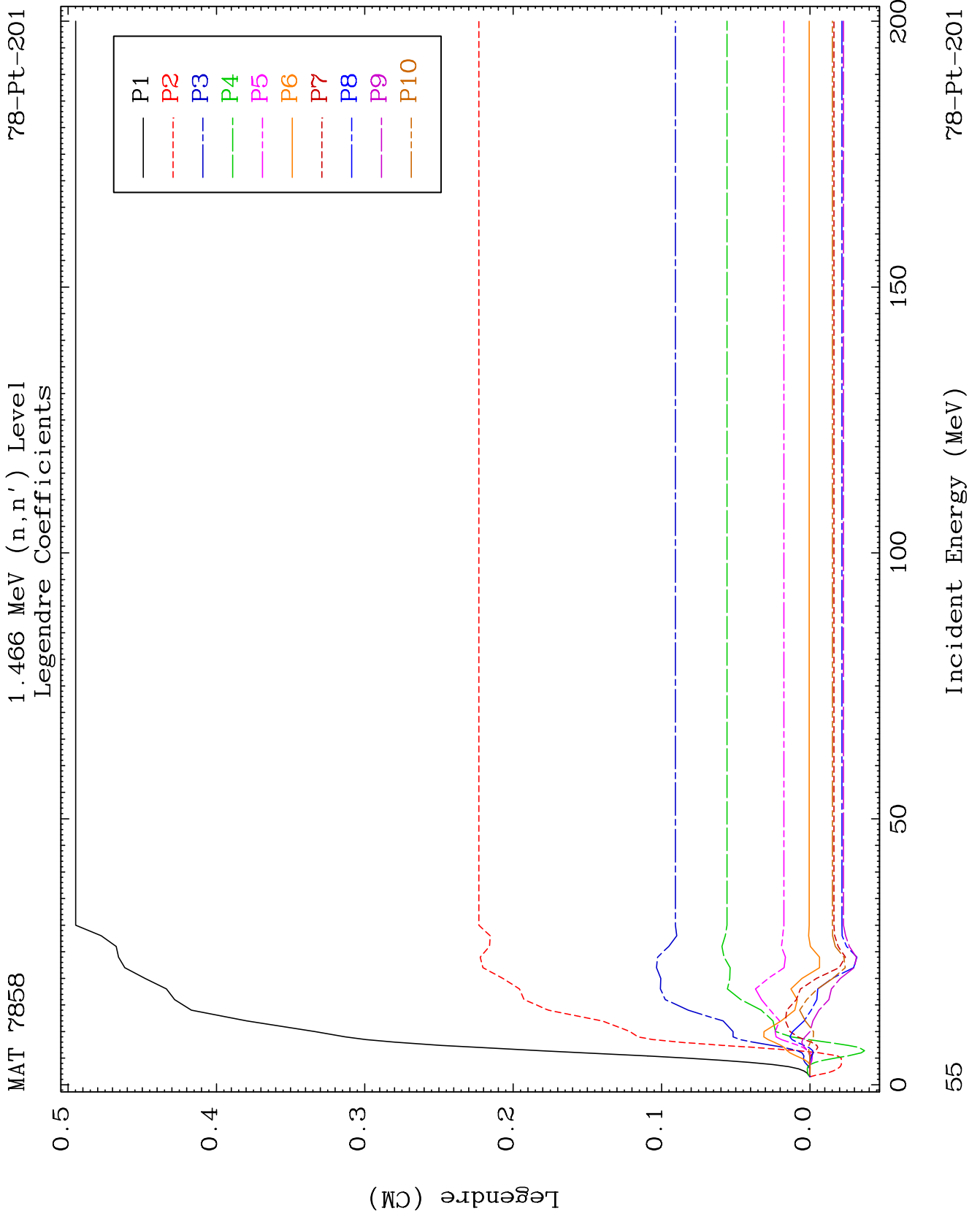
52

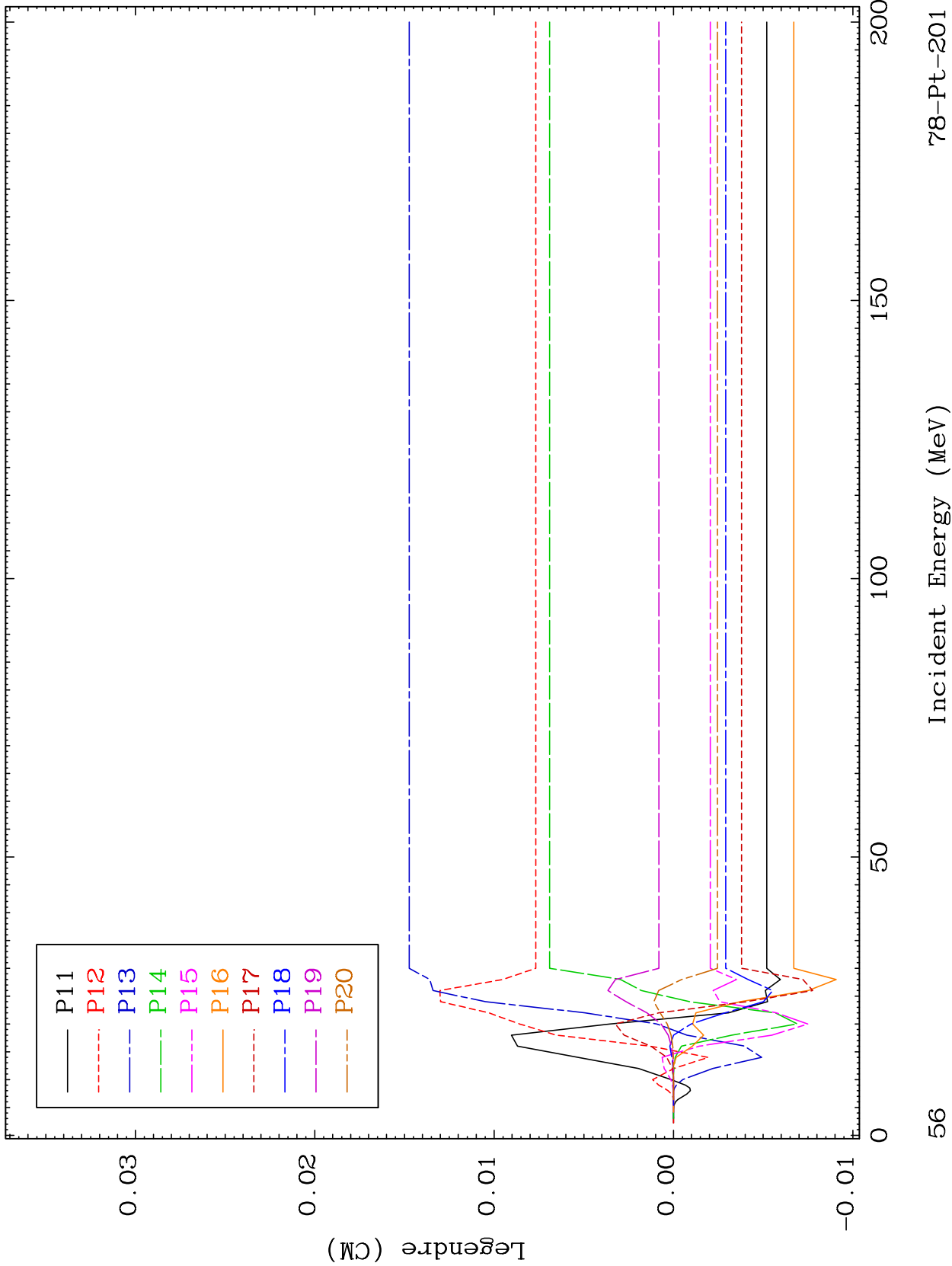
Incident Energy (MeV)

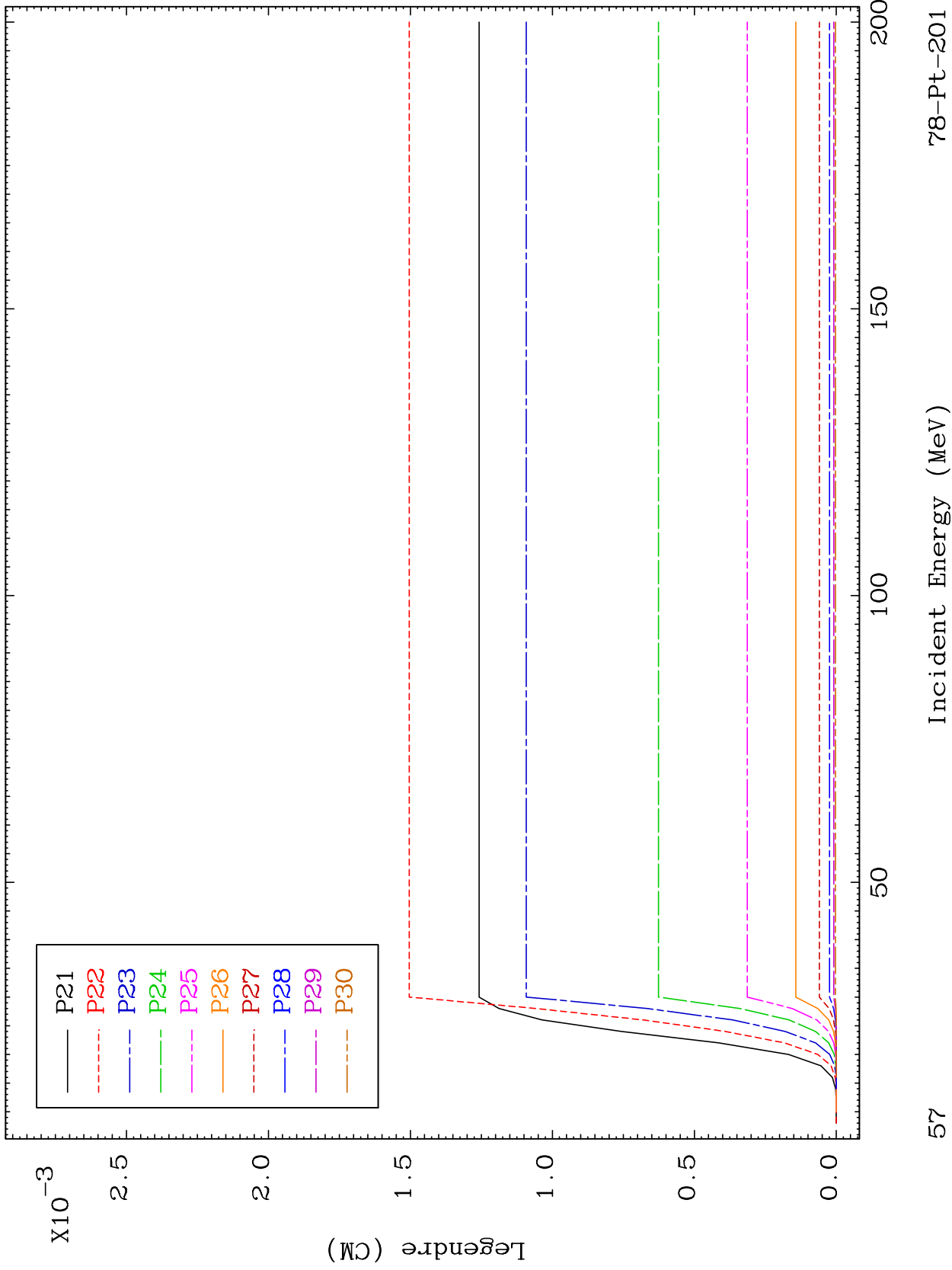
78-Pt-201

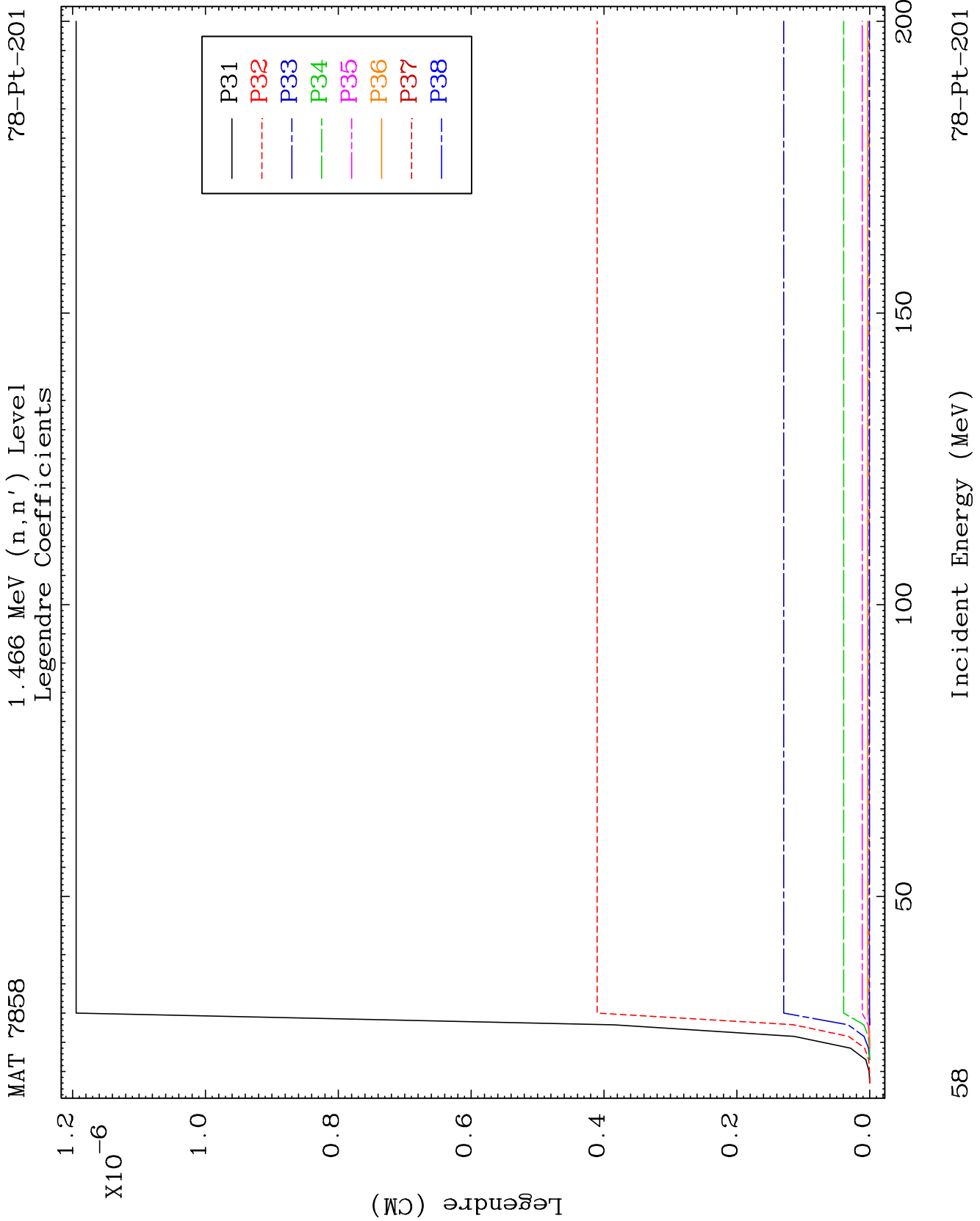


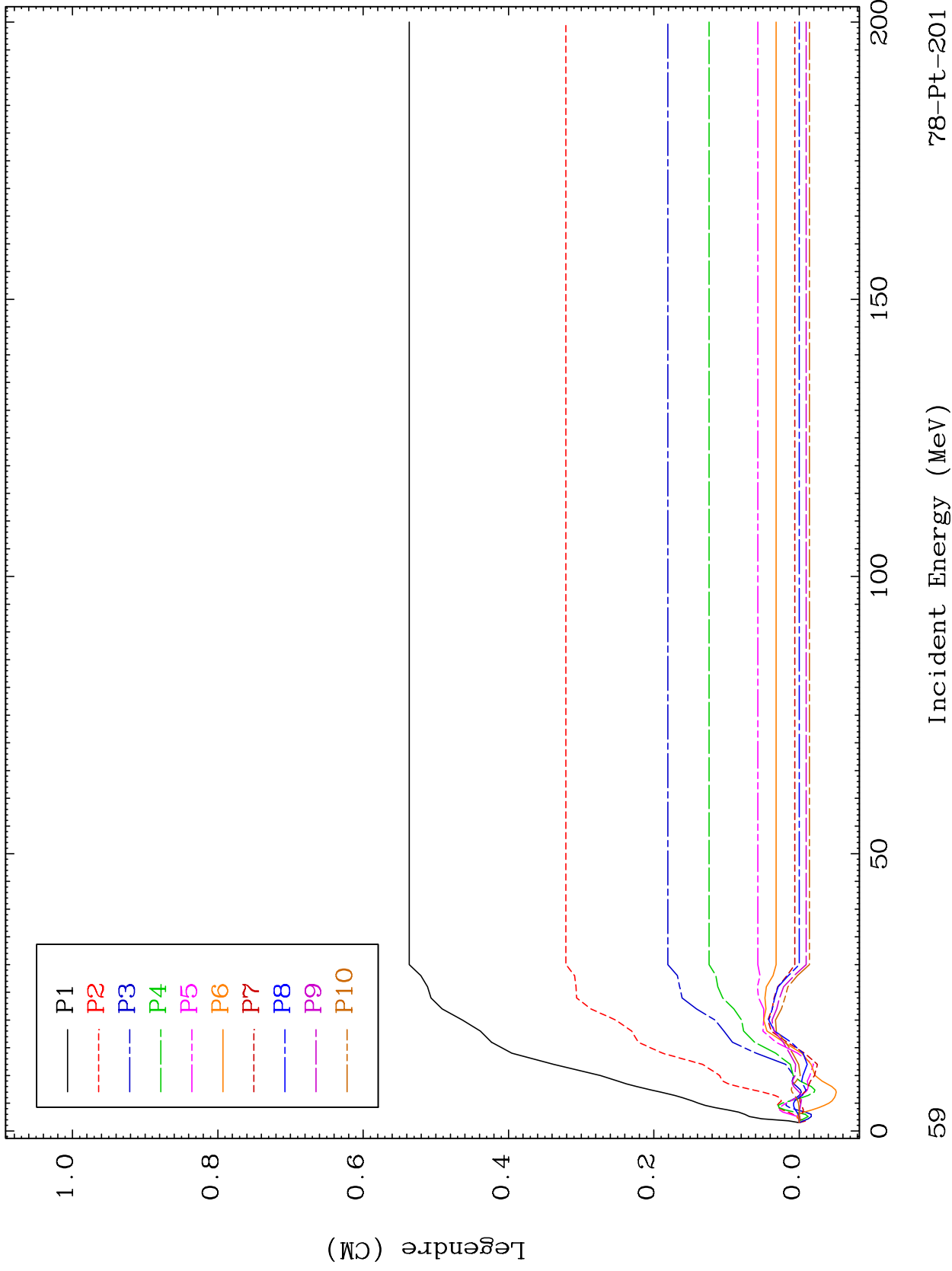








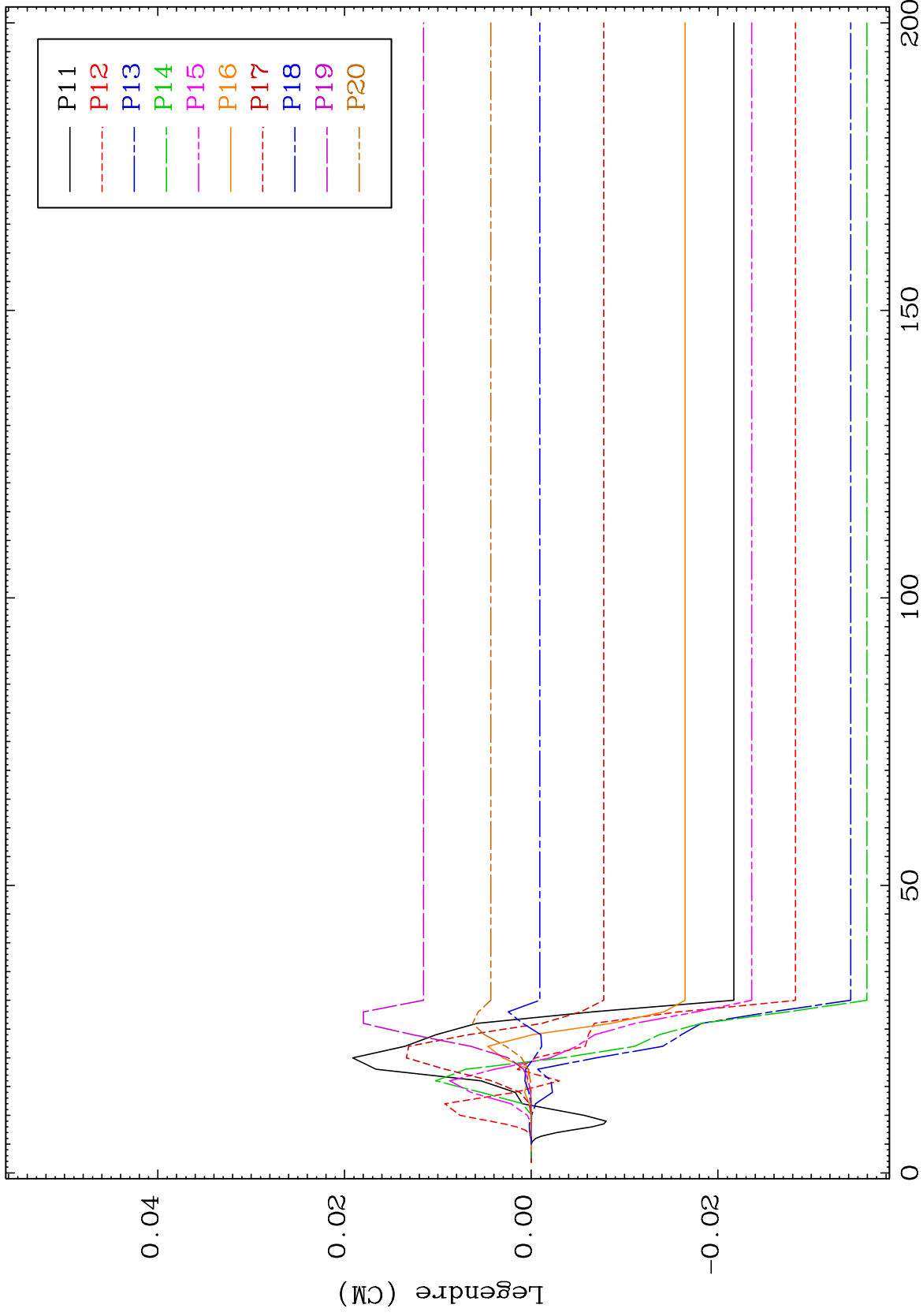




MAT 7858

1.468 MeV (n,n') Level
Legendre Coefficients

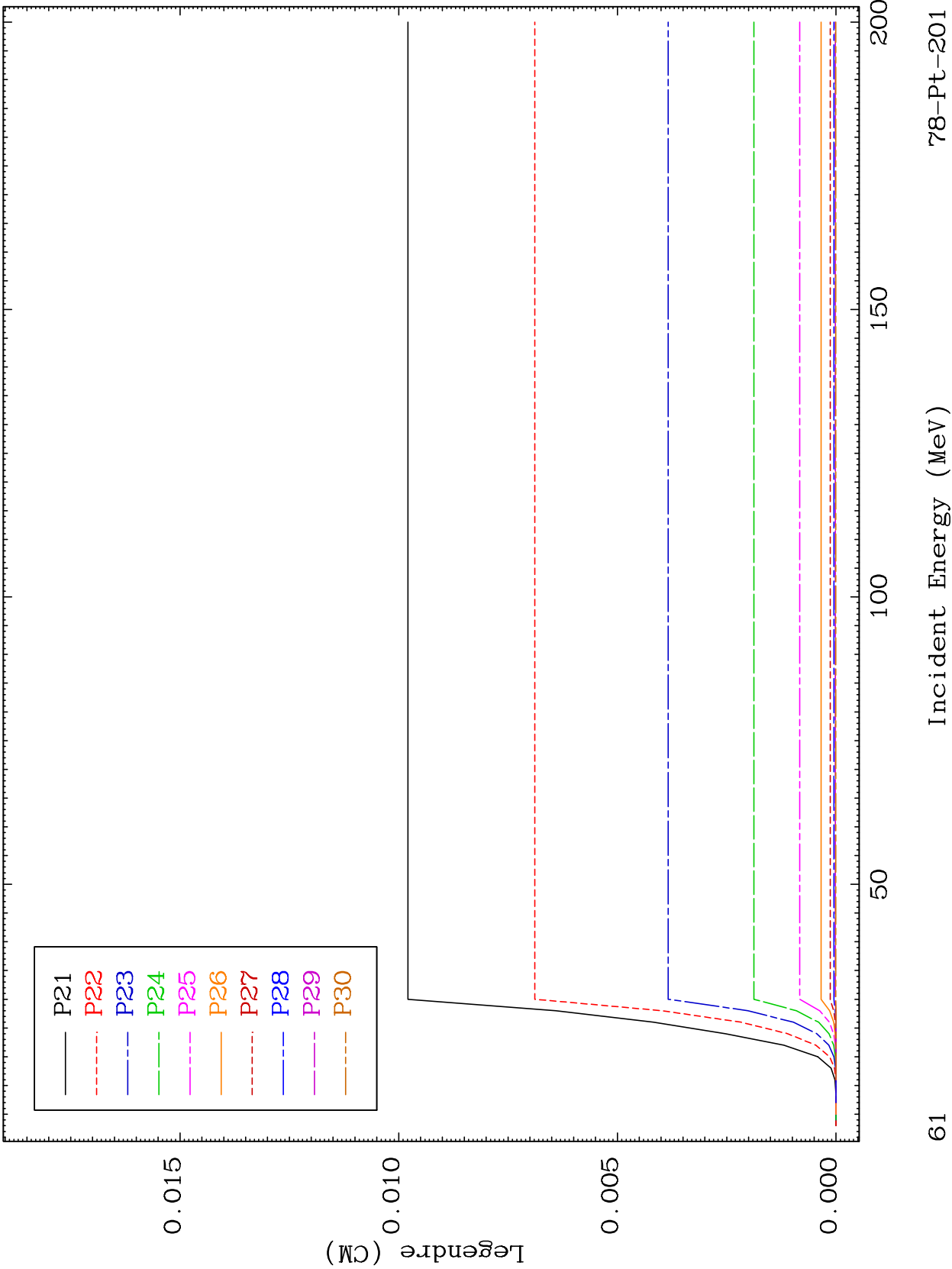
78-Pt-201

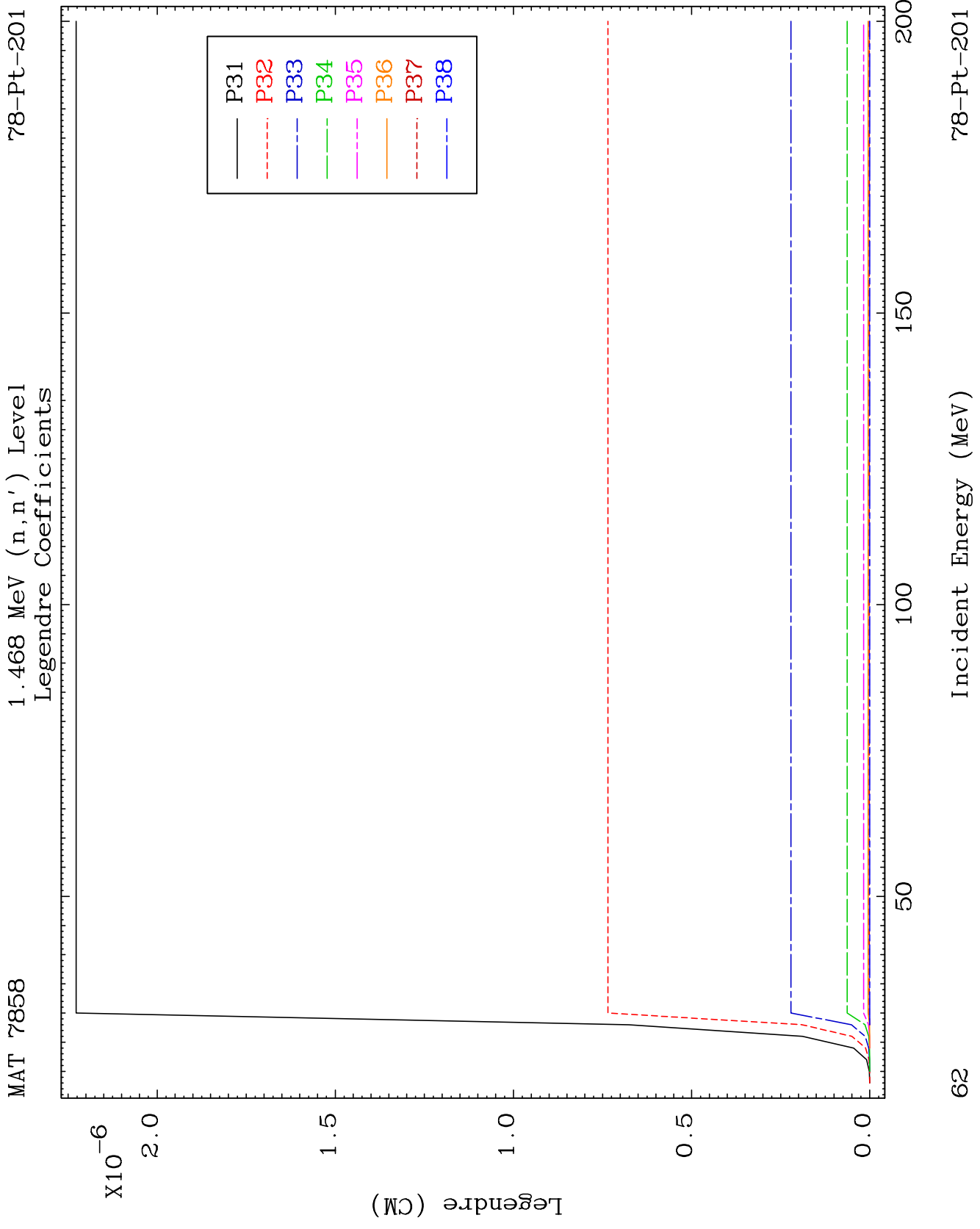


78-Pt-201

Incident Energy (MeV)

60

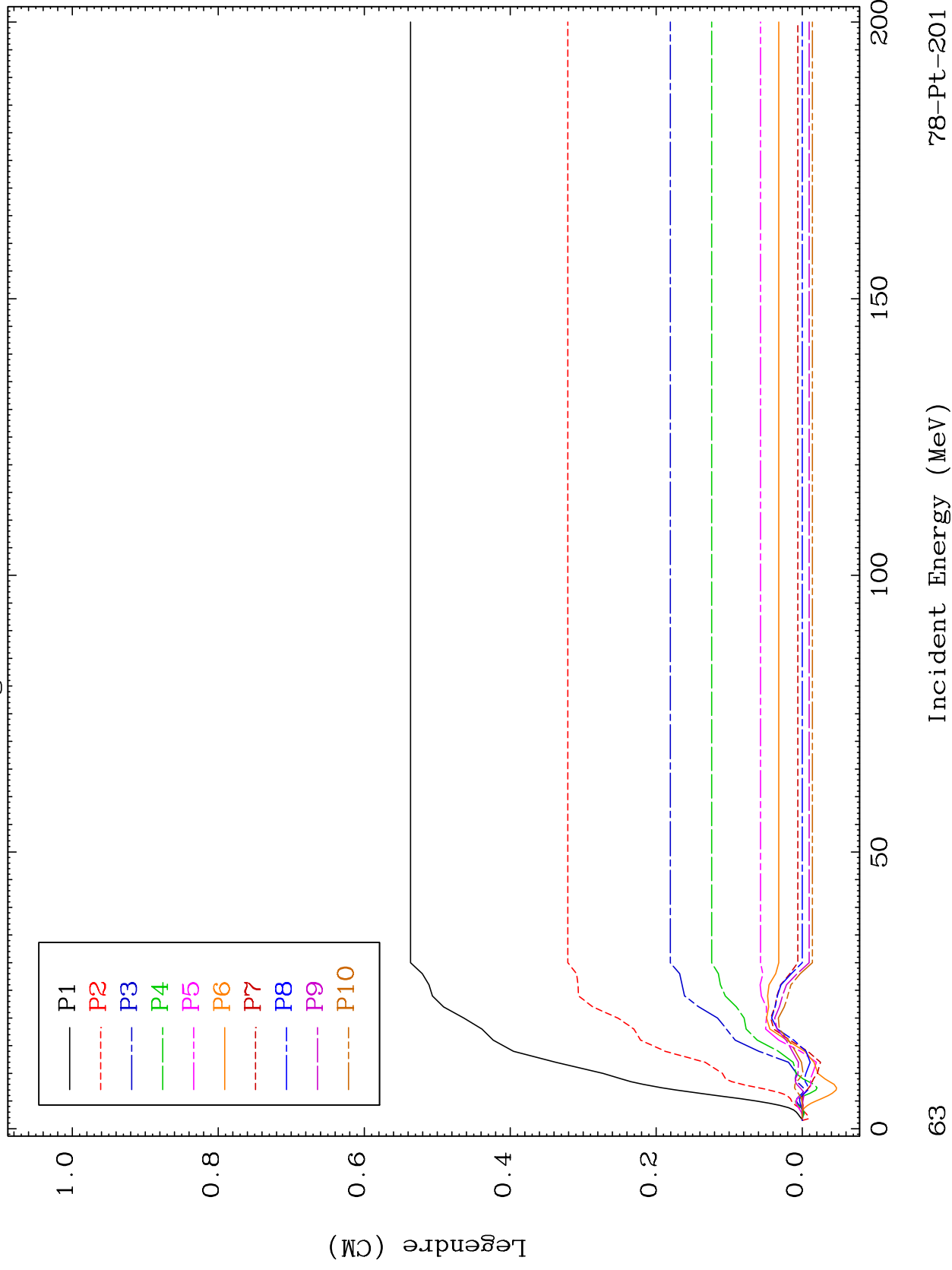




MAT 7858

1.470 MeV (n, n') Level
Legendre Coefficients

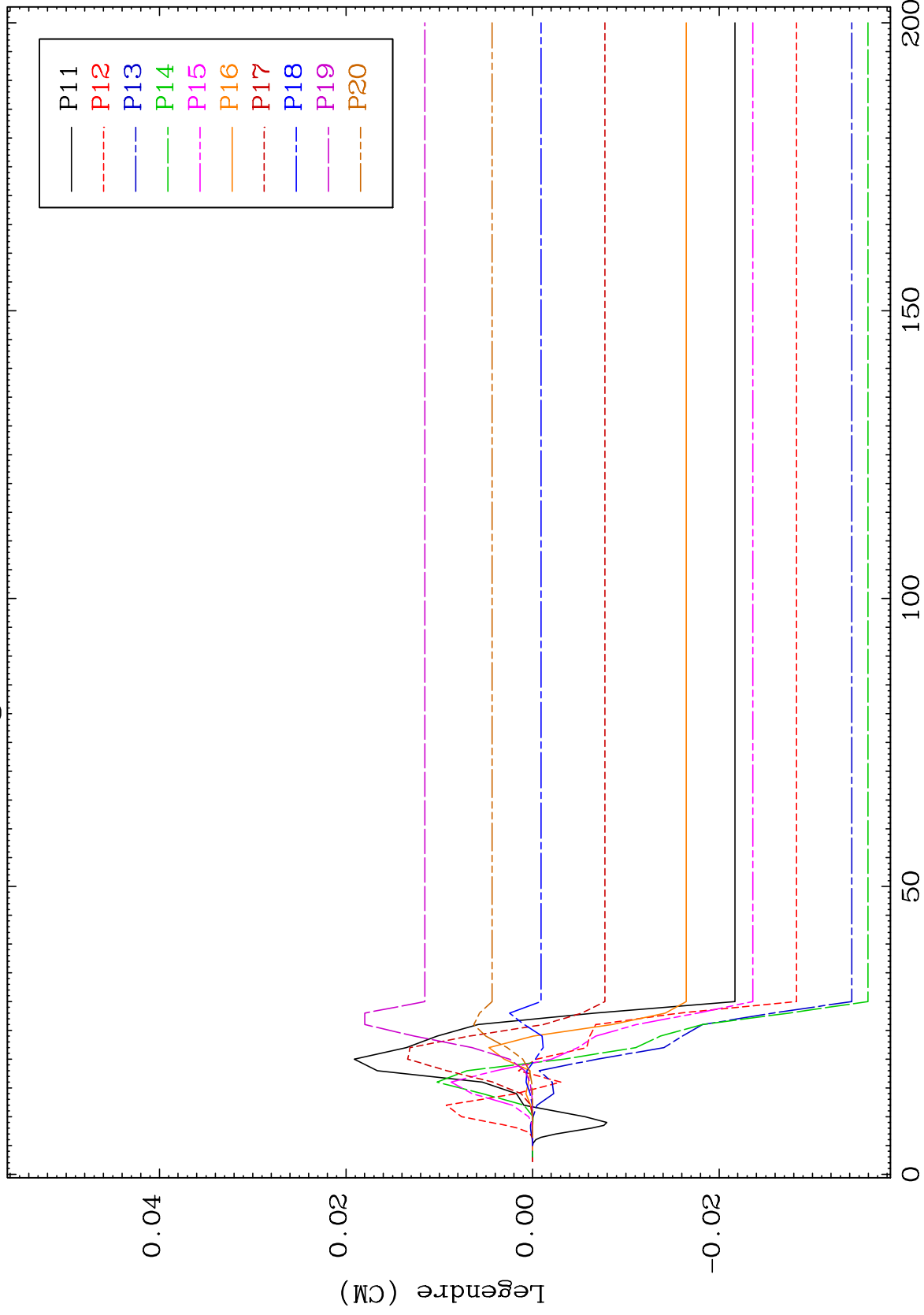
78-Pt-201



MAT 7858

1.470 MeV (n, n') Level
Legendre Coefficients

78-Pt-201



64

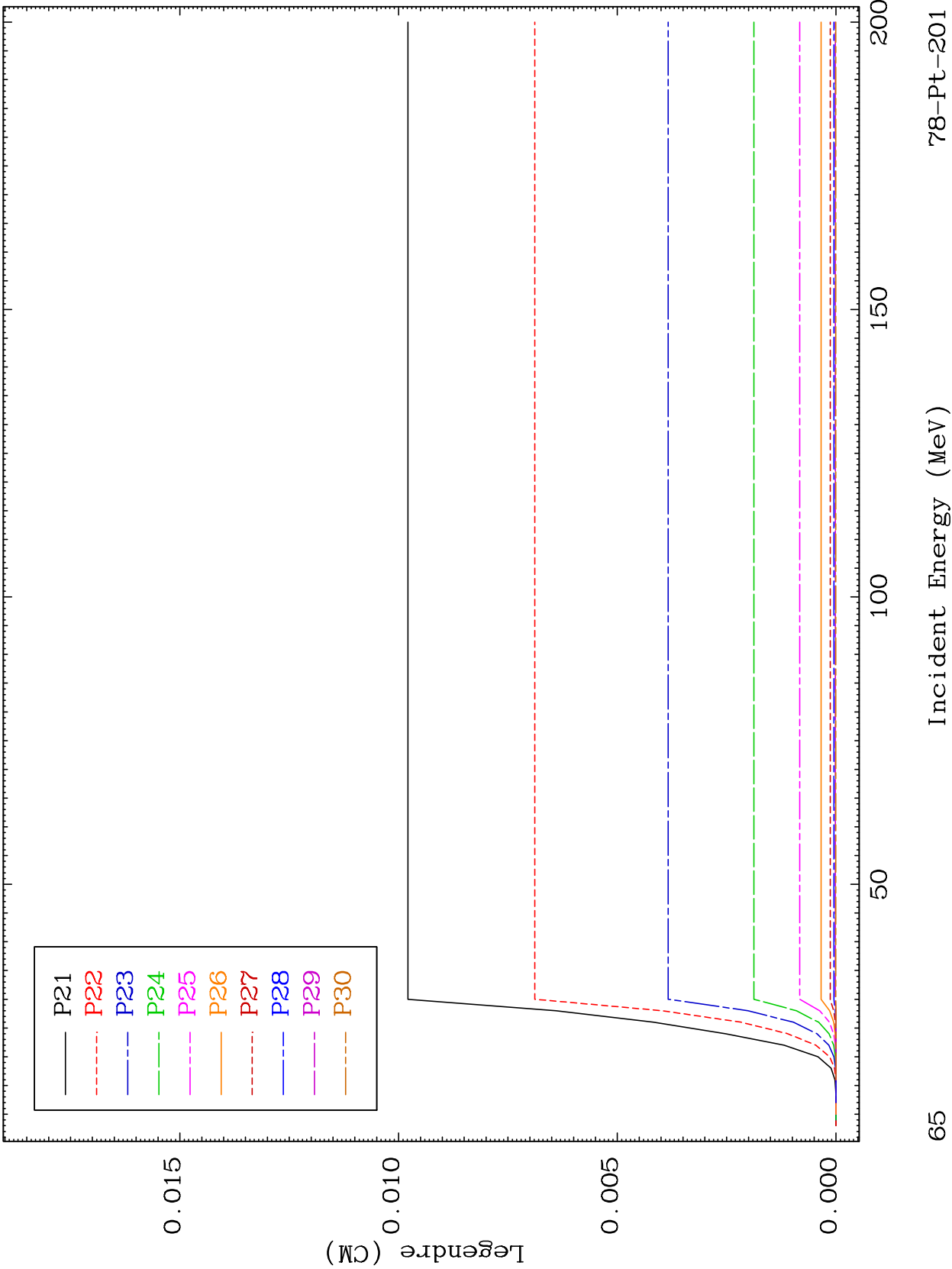
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.470 MeV (n,n') Level
Legendre Coefficients

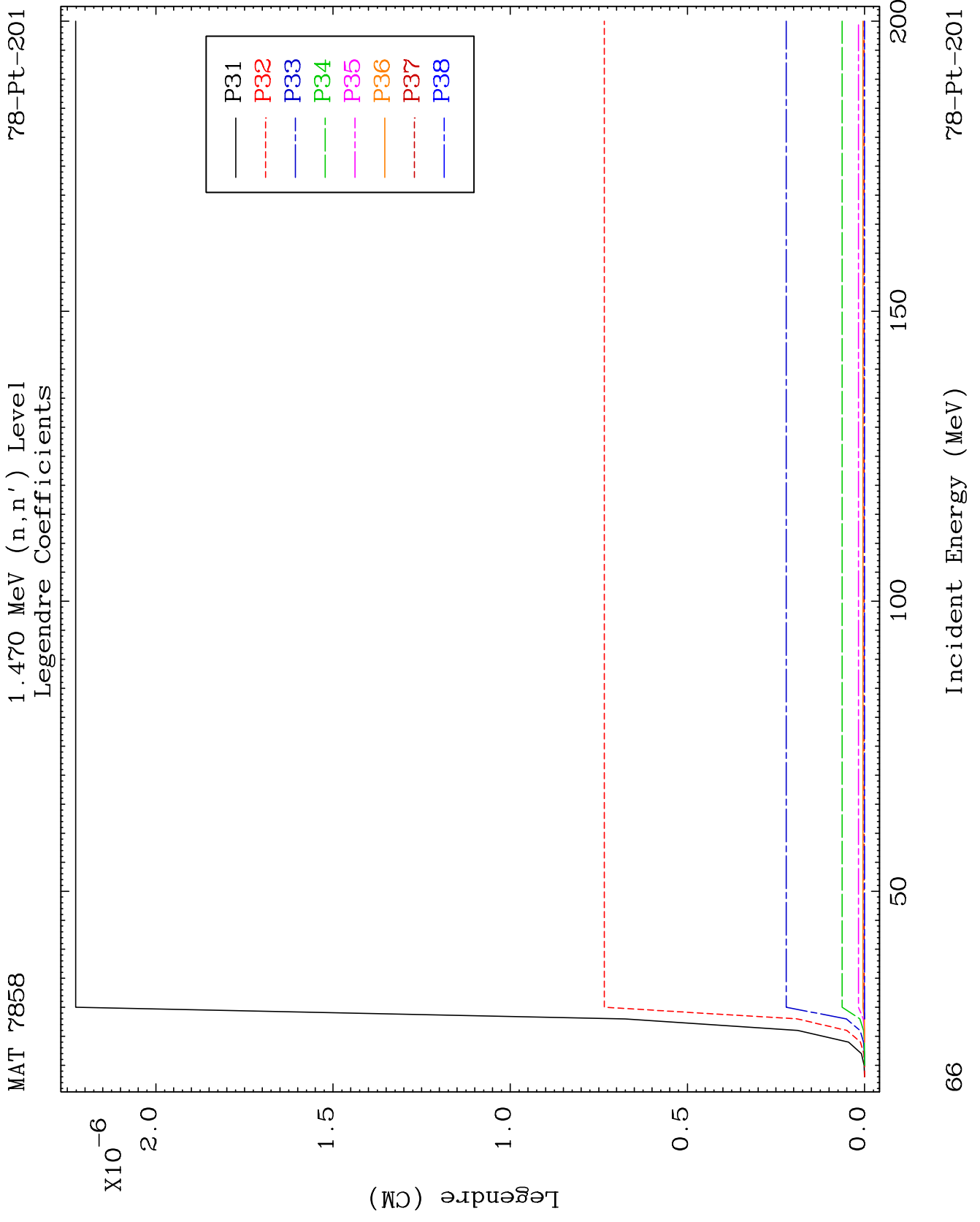
78-Pt-201



65

Incident Energy (MeV)

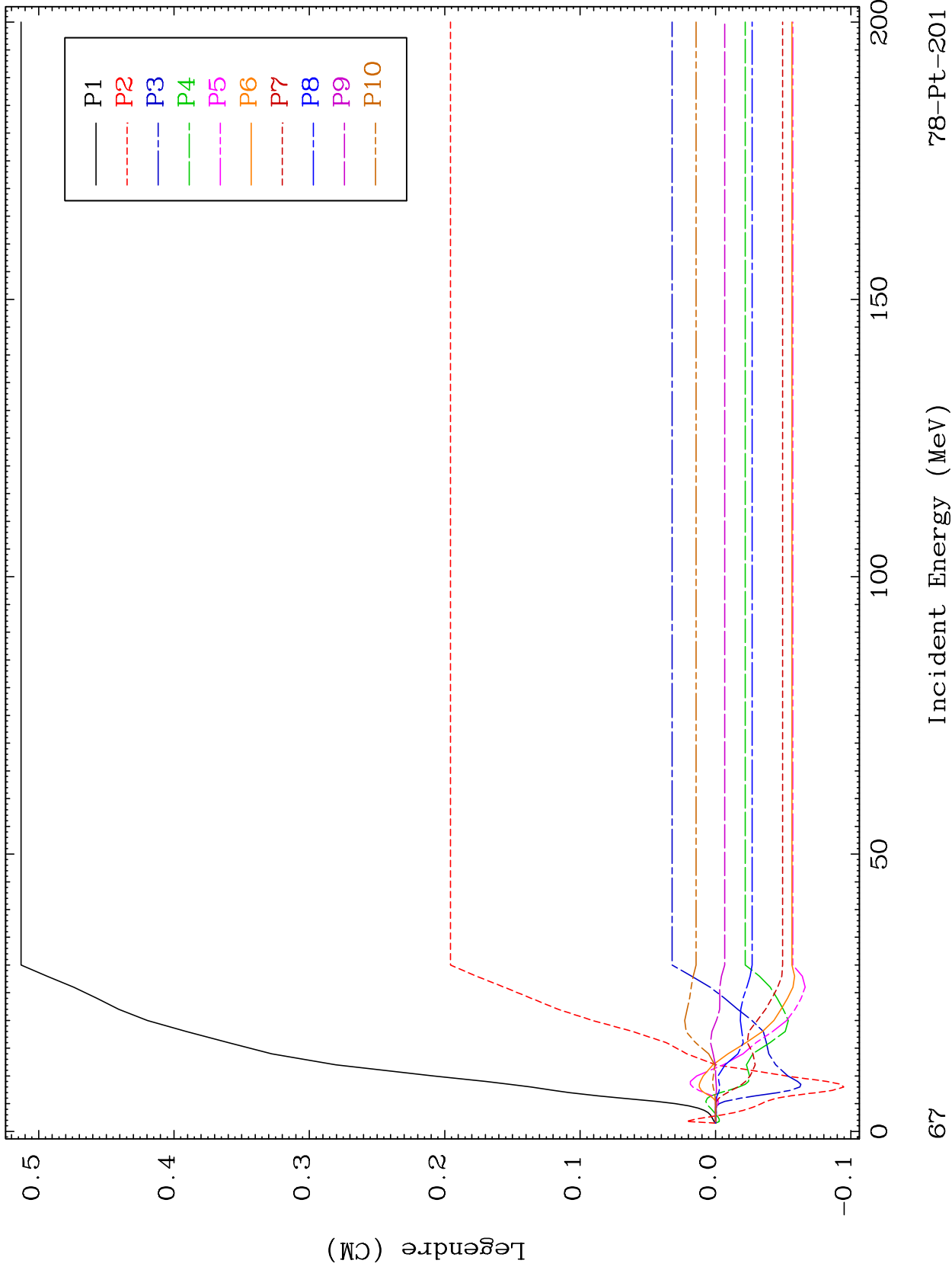
78-Pt-201



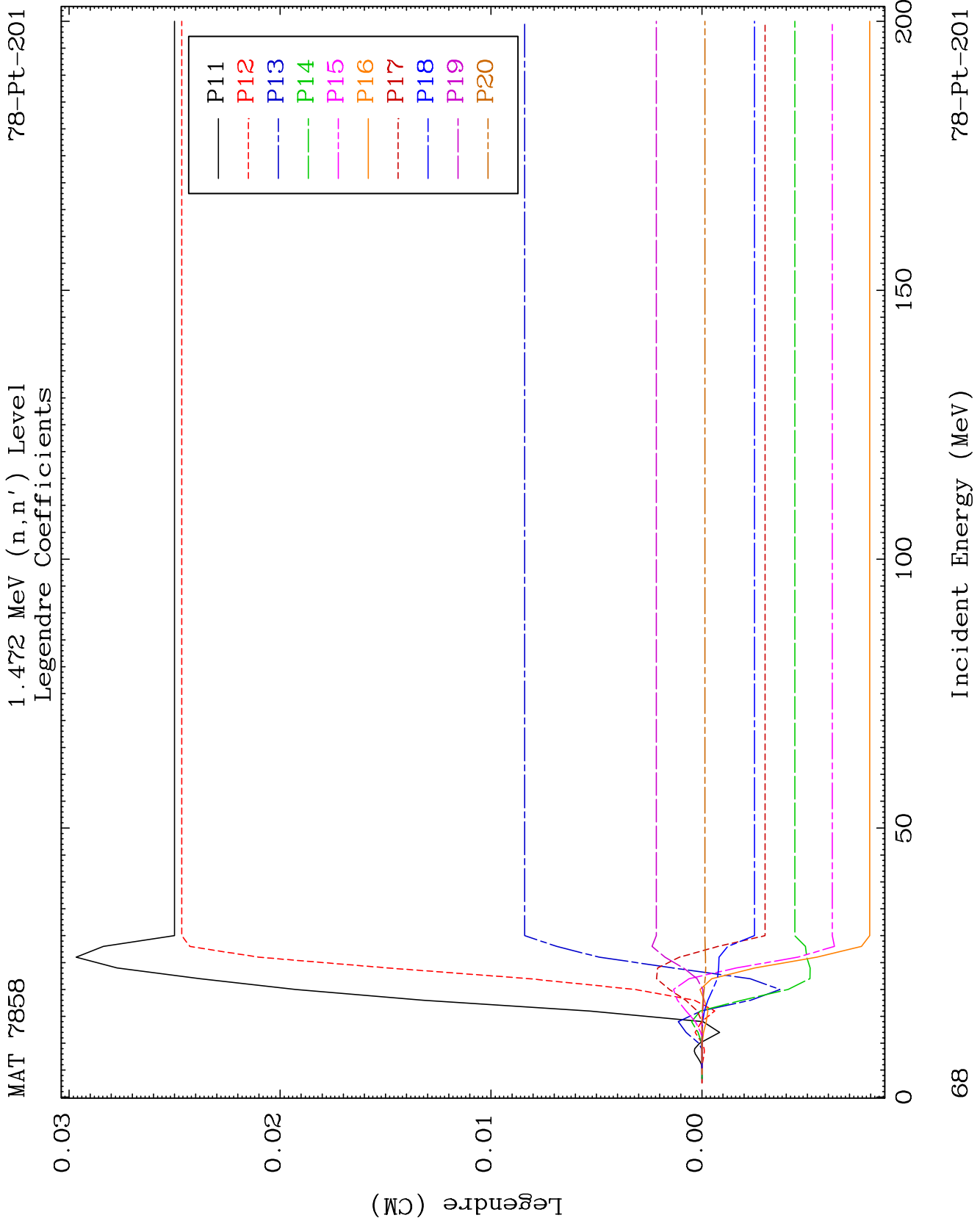
MAT 7858

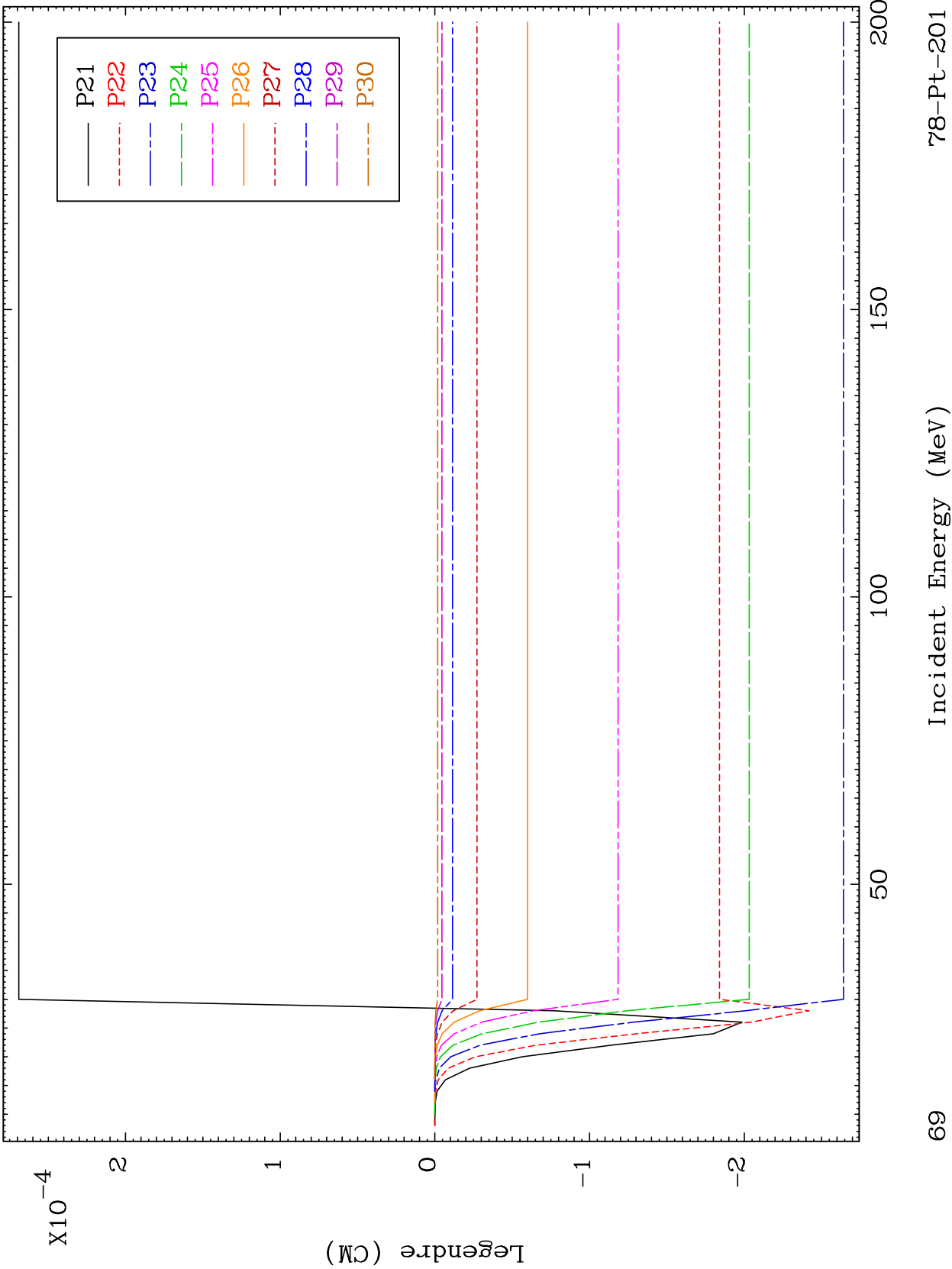
1.472 MeV (n,n') Level
Legendre Coefficients

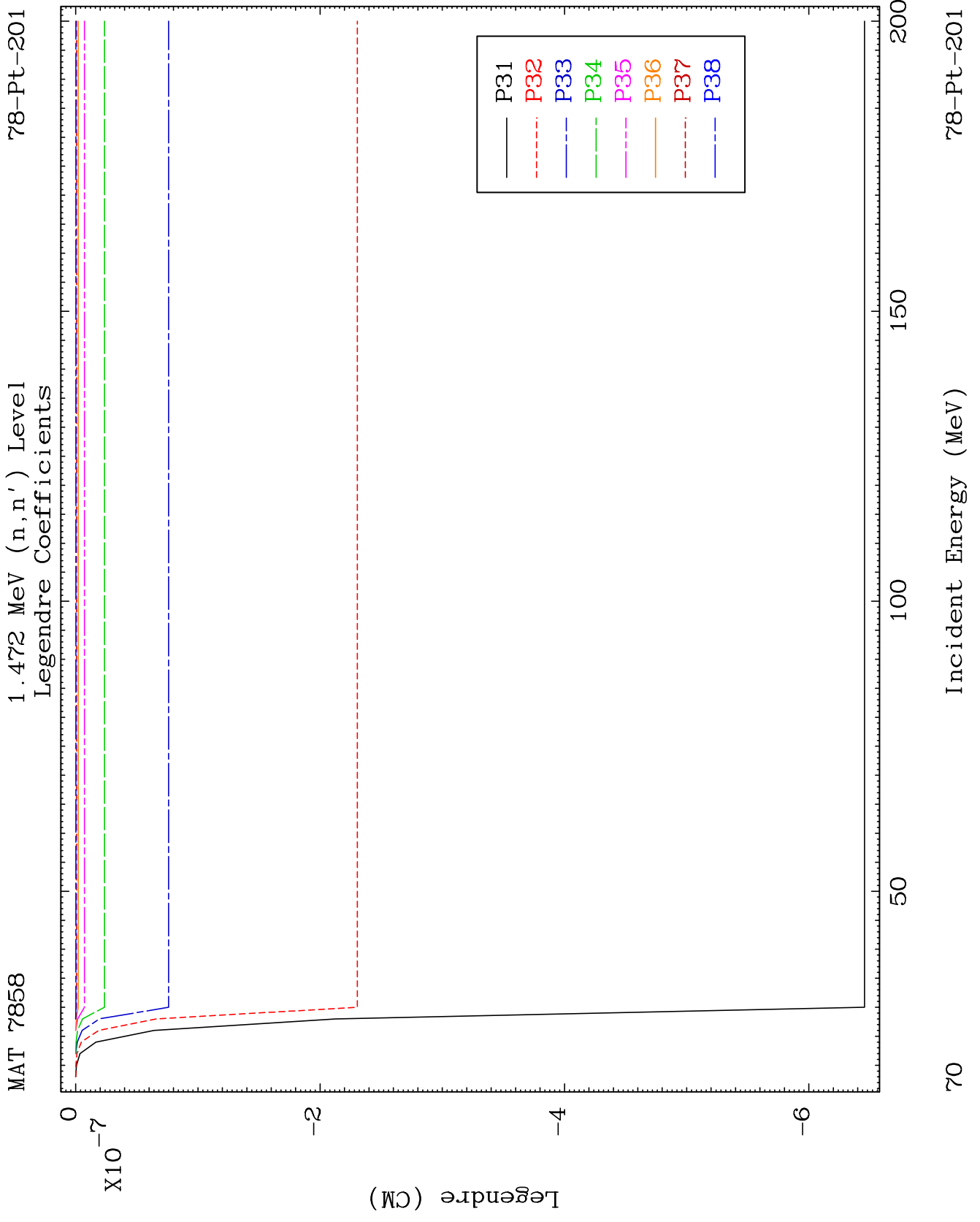
78-Pt-201

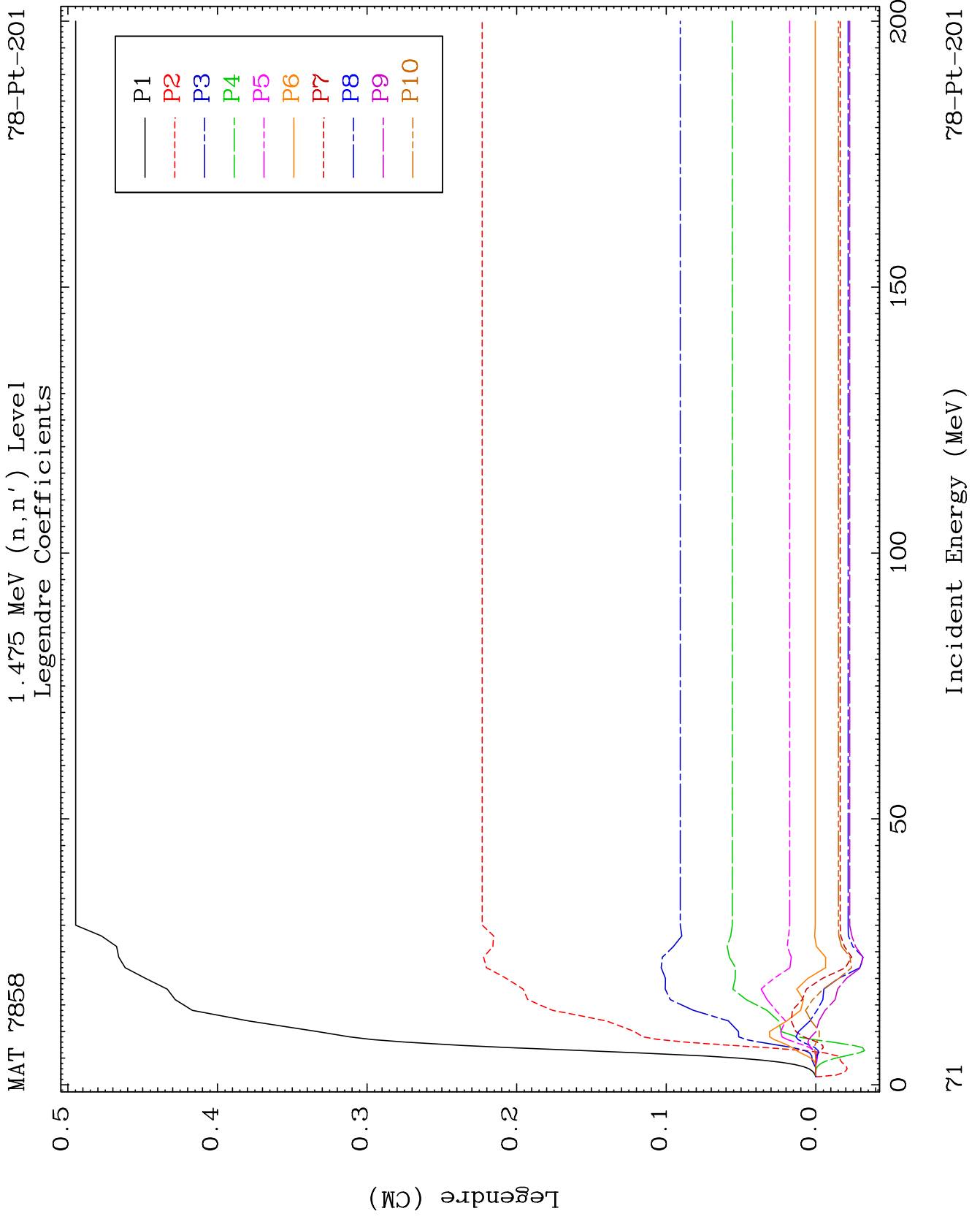


78-Pt-201





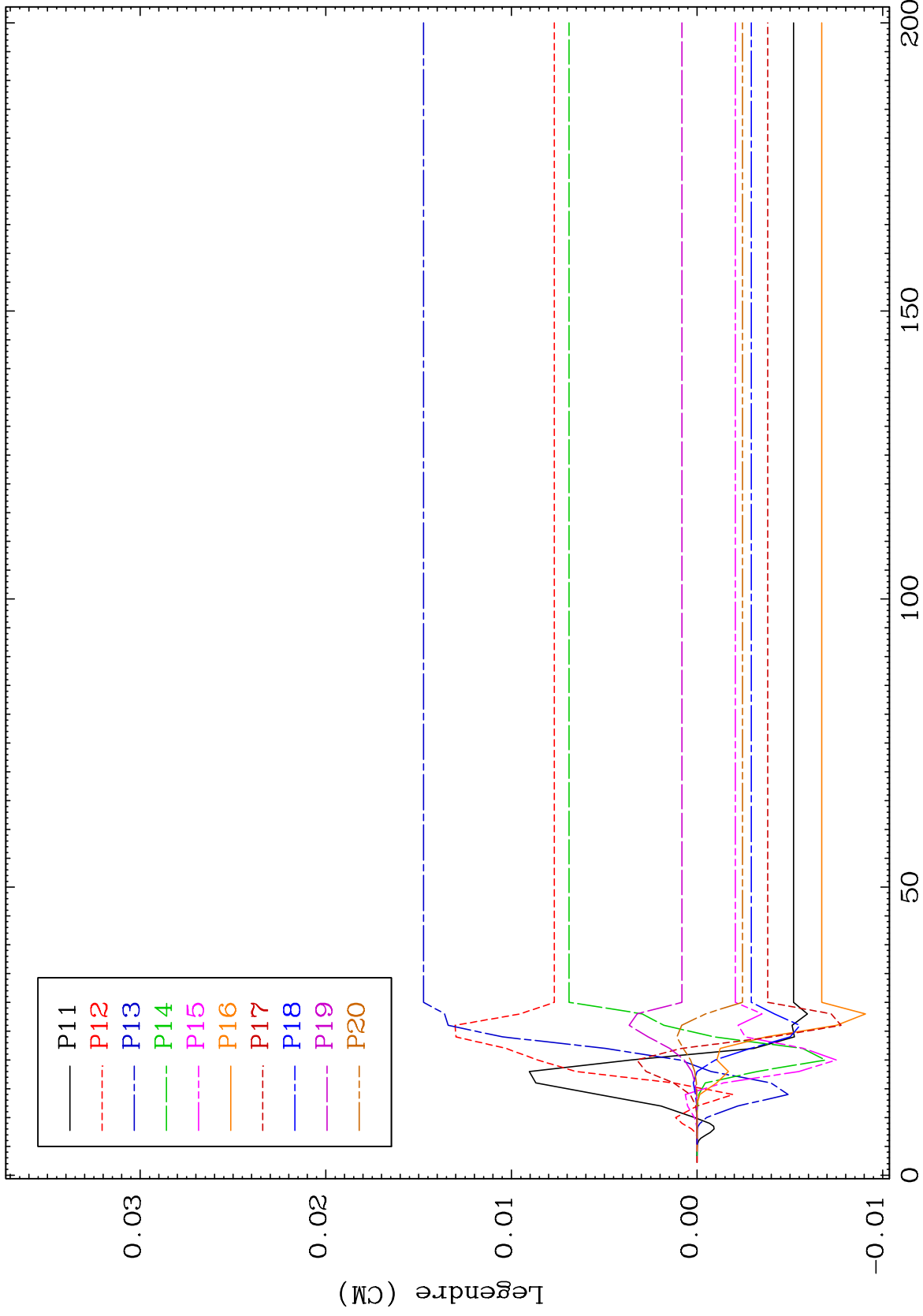




MAT 7858

1.475 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



72

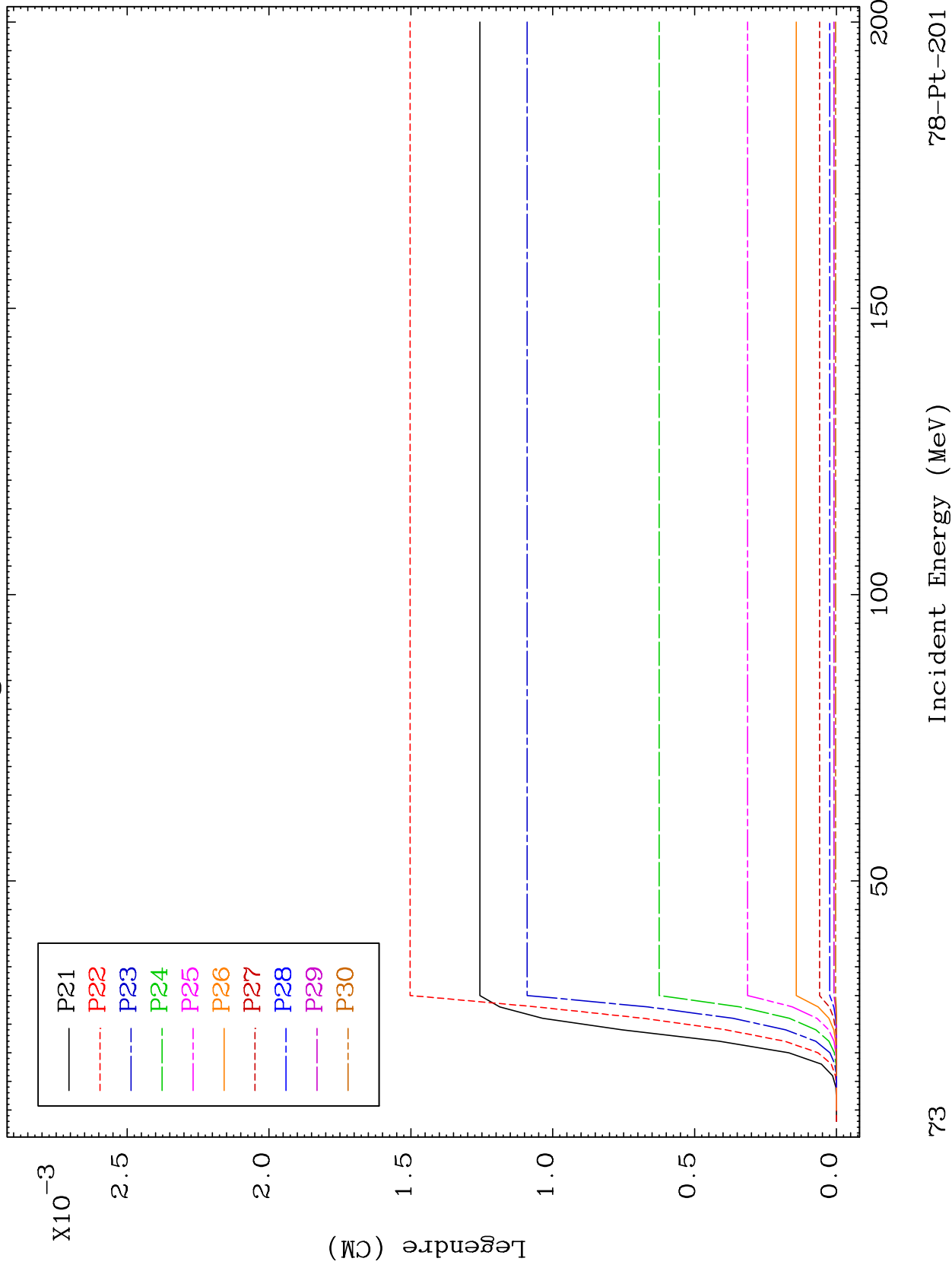
Incident Energy (MeV)

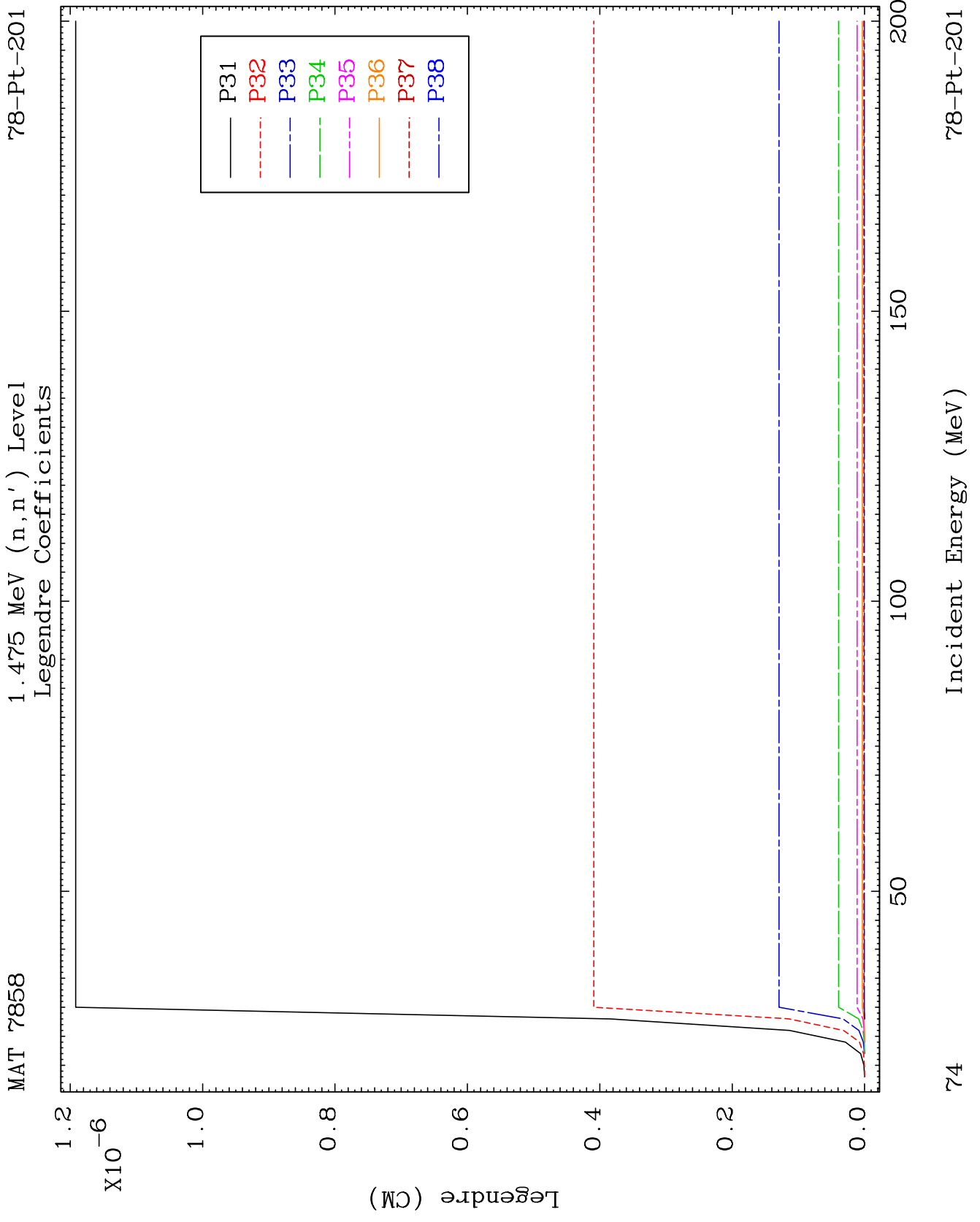
78-Pt-201

MAT 7858

1.475 MeV (n,n') Level
Legendre Coefficients

78-Pt-201

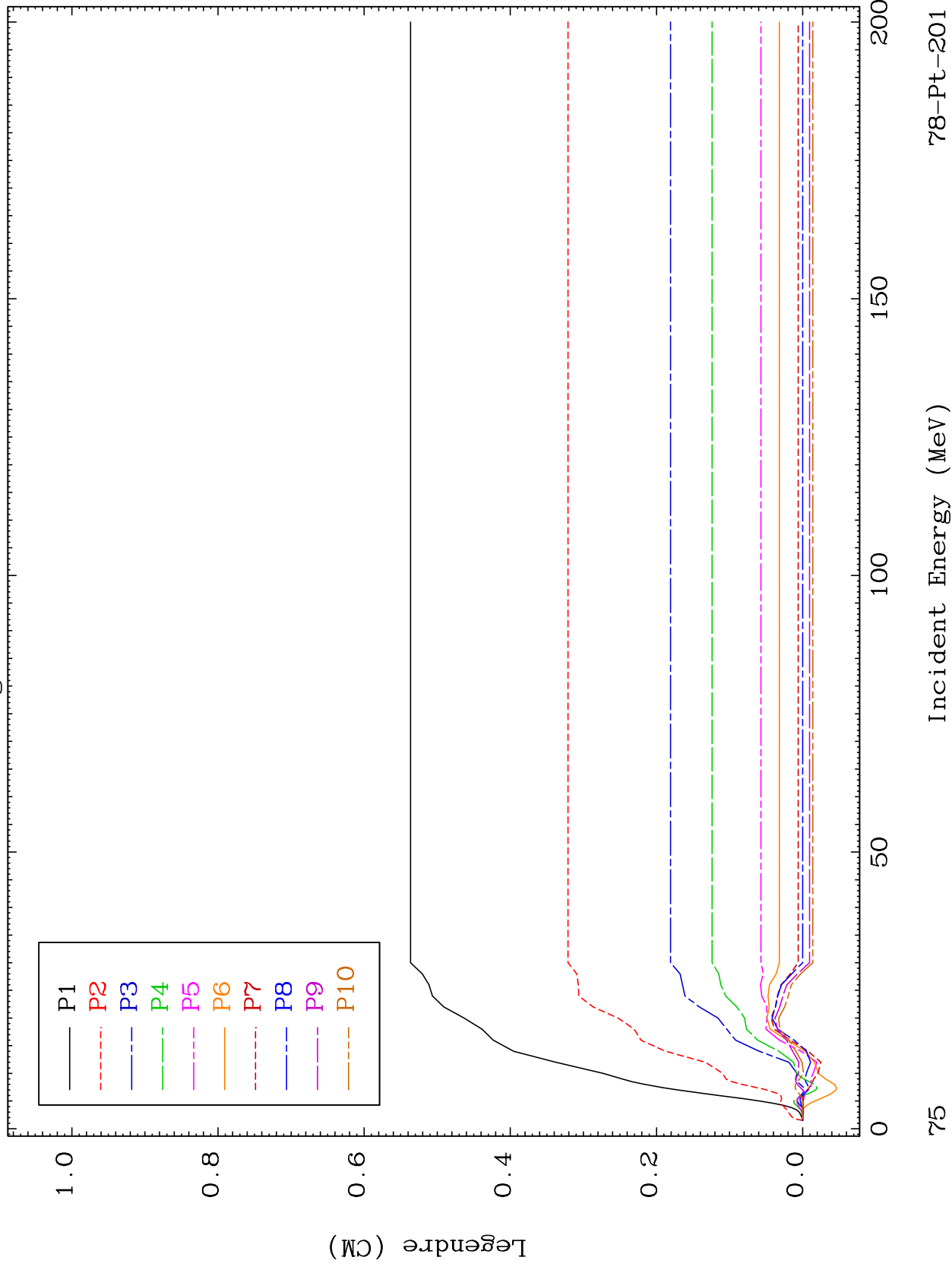




MAT 7858

1.476 MeV (n, n') Level
Legendre Coefficients

78-Pt-201



78-Pt-201

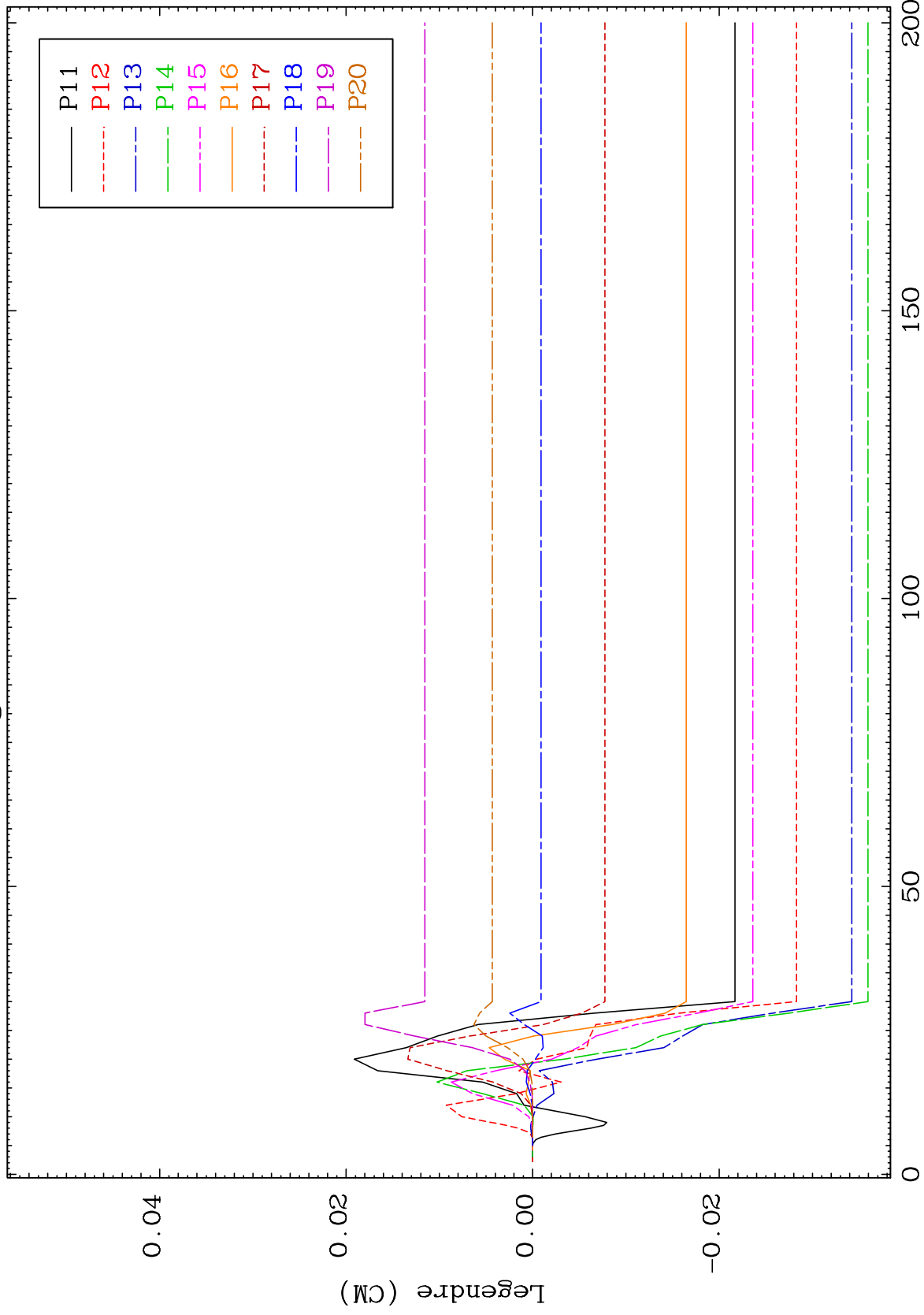
Incident Energy (MeV)

75

MAT 7858

1.476 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



76

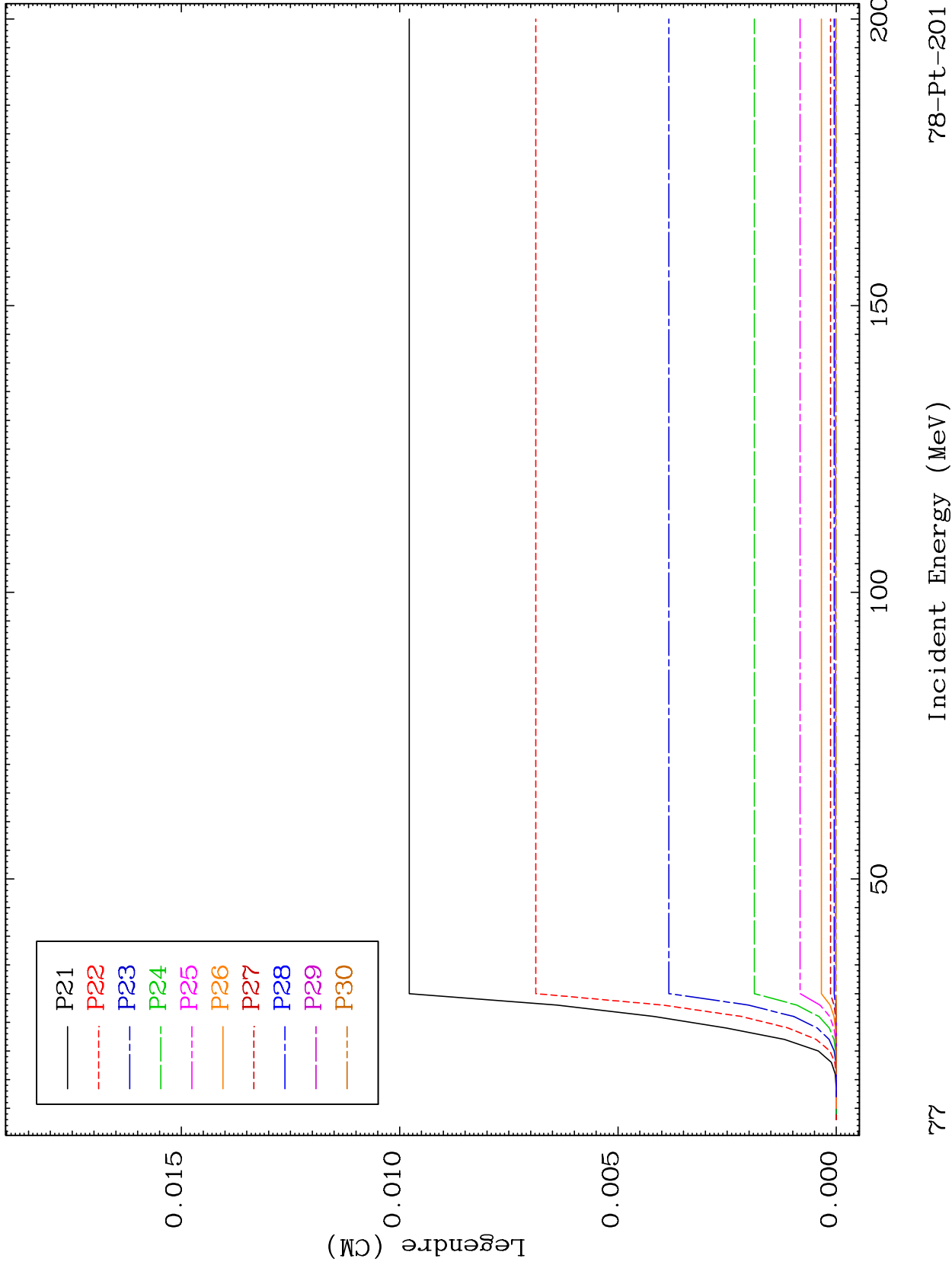
Incident Energy (MeV)

78-Pt-201

MAT 7858

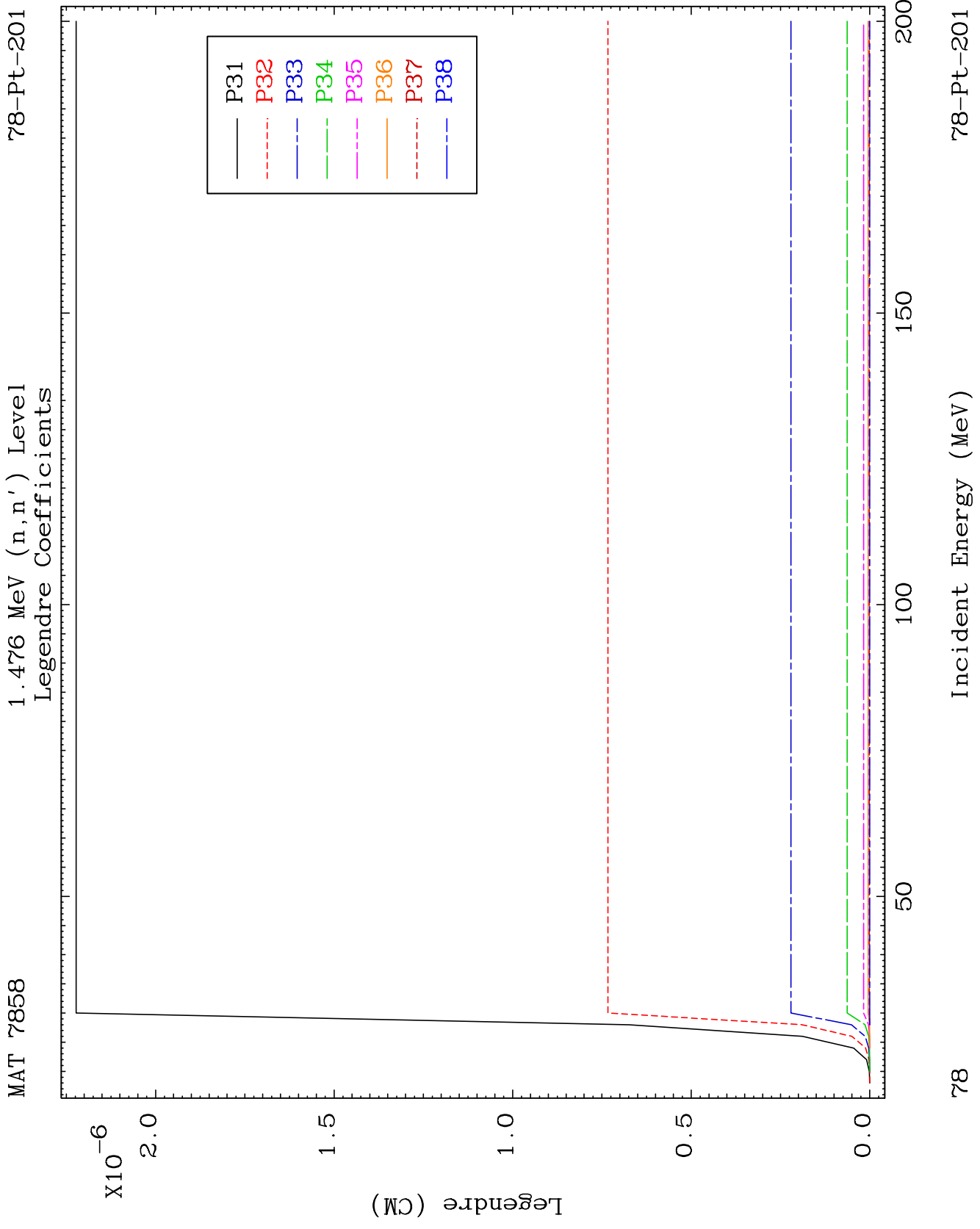
1.476 MeV (n,n') Level
Legendre Coefficients

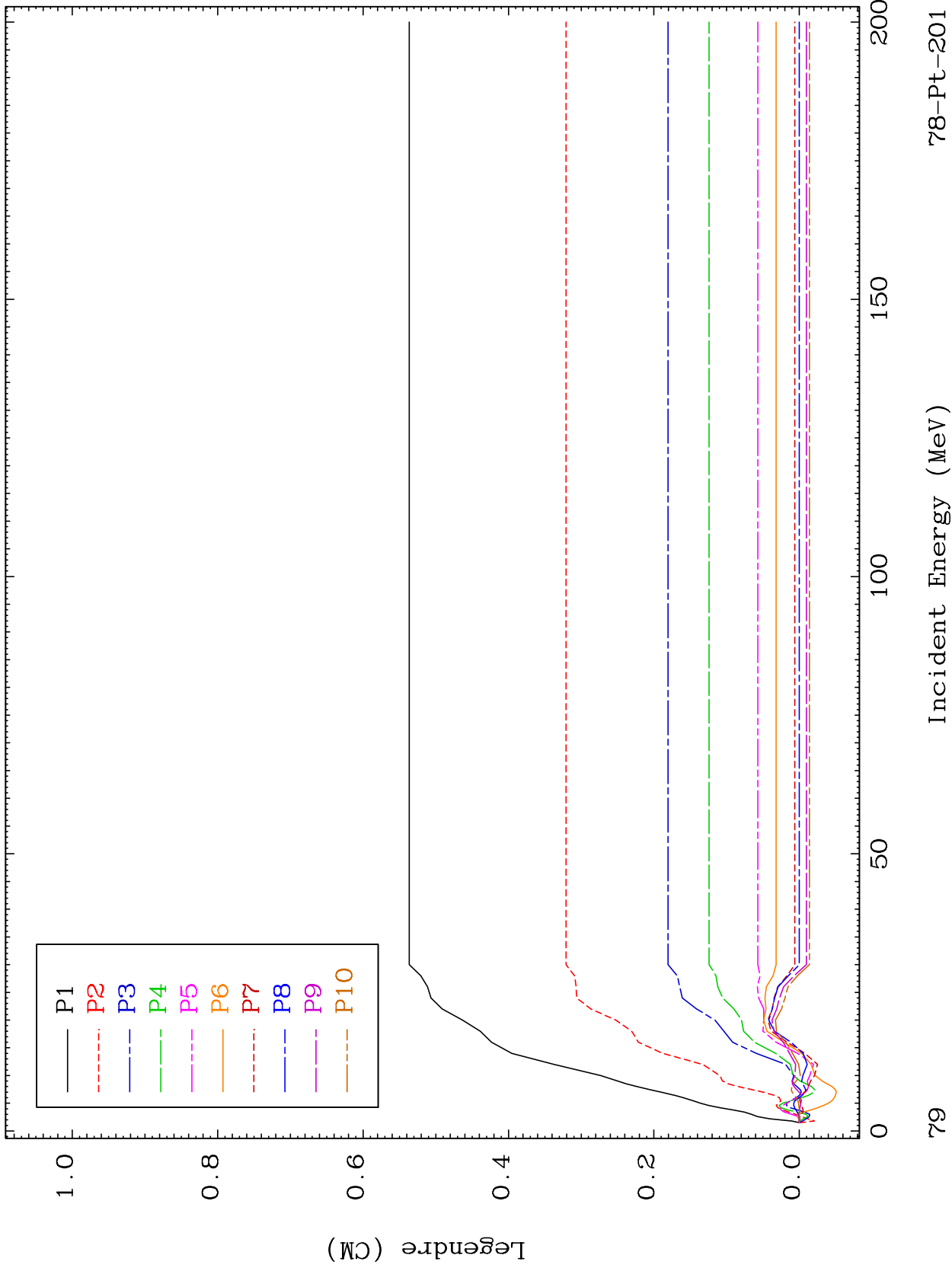
78-Pt-201



77

78-Pt-201

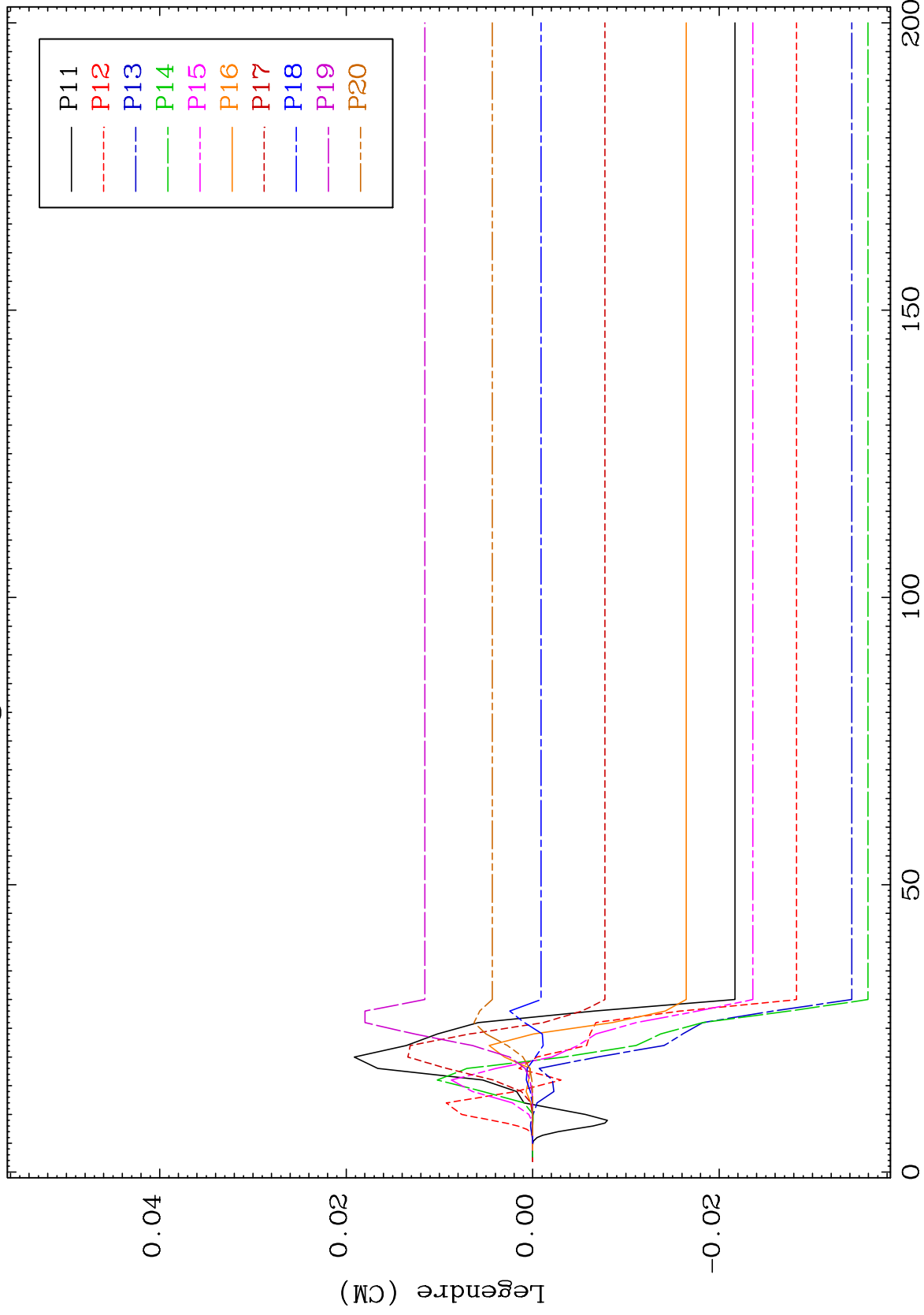




MAT 7858

1.477 MeV (n, n') Level
Legendre Coefficients

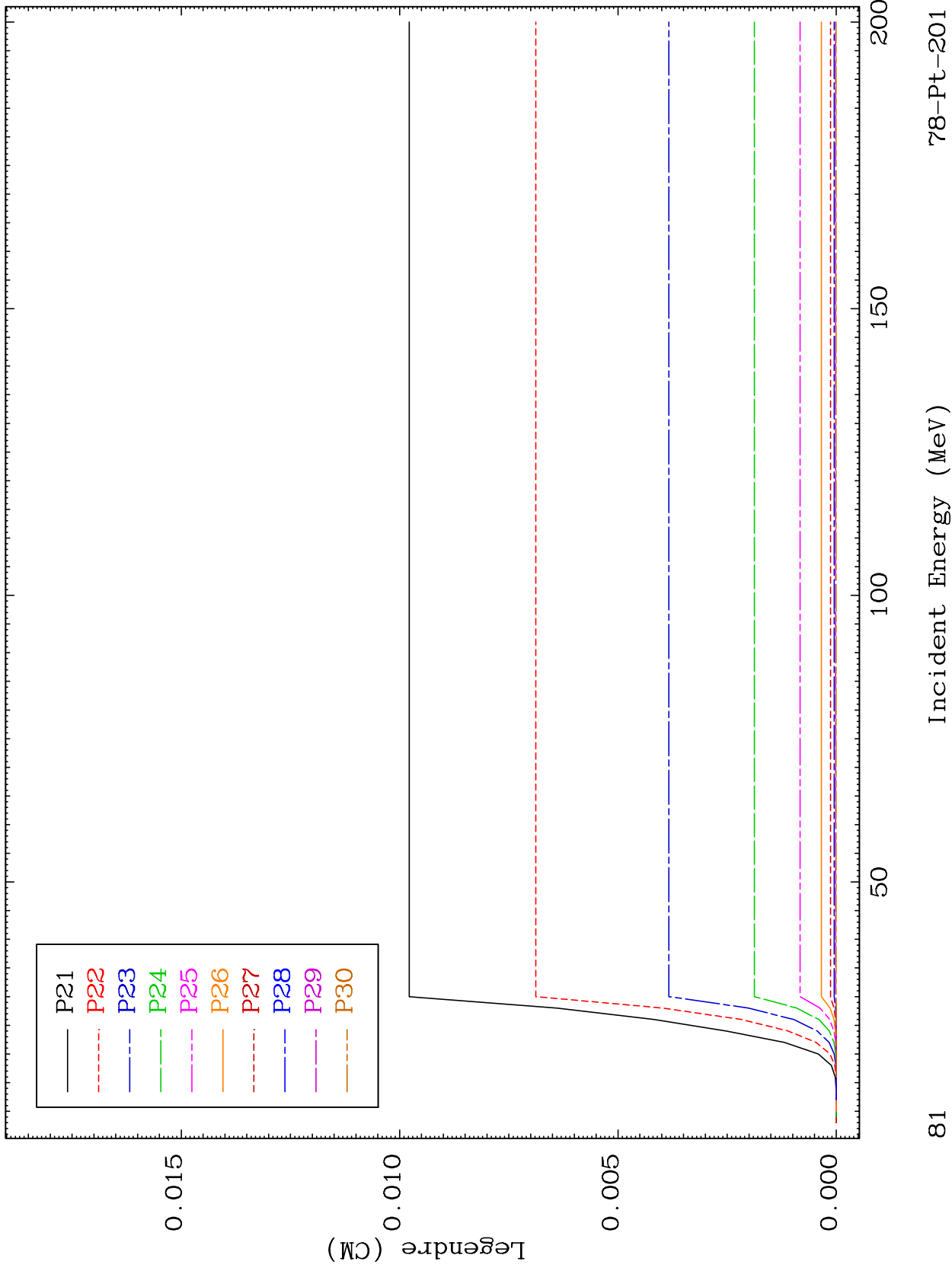
78-Pt-201



78-Pt-201

Incident Energy (MeV)

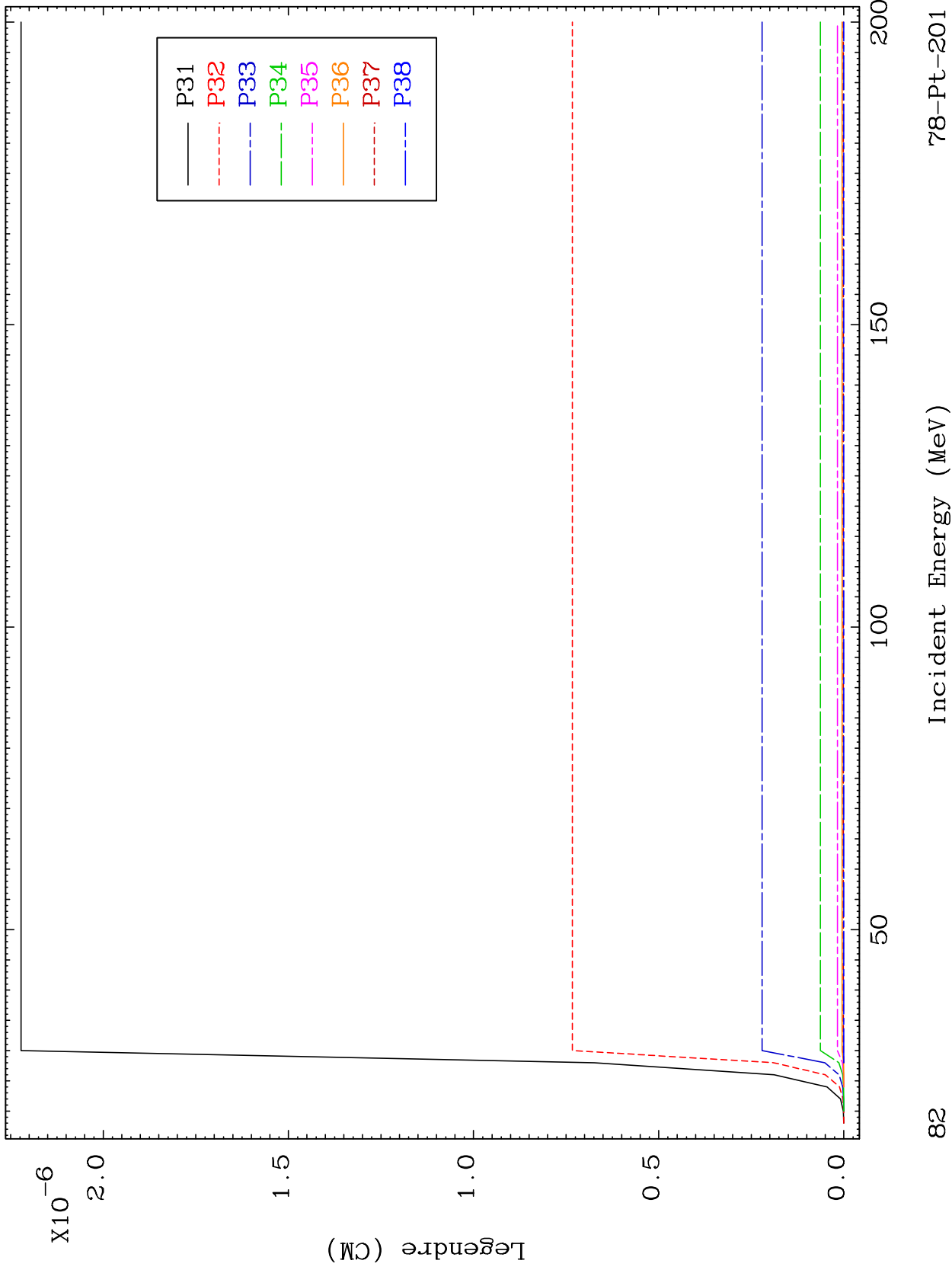
80



MAT 7858

1.477 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



82

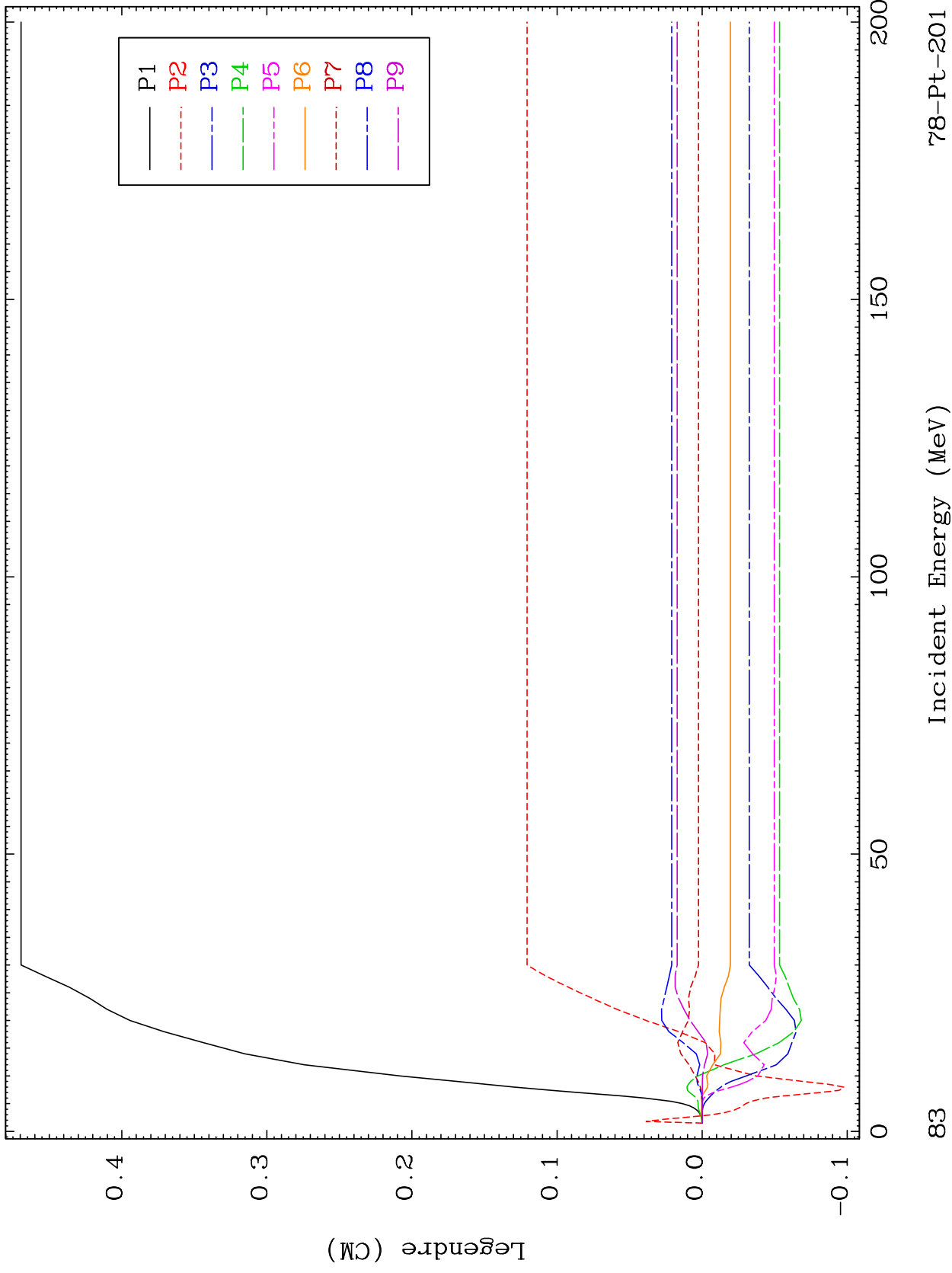
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.478 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



83

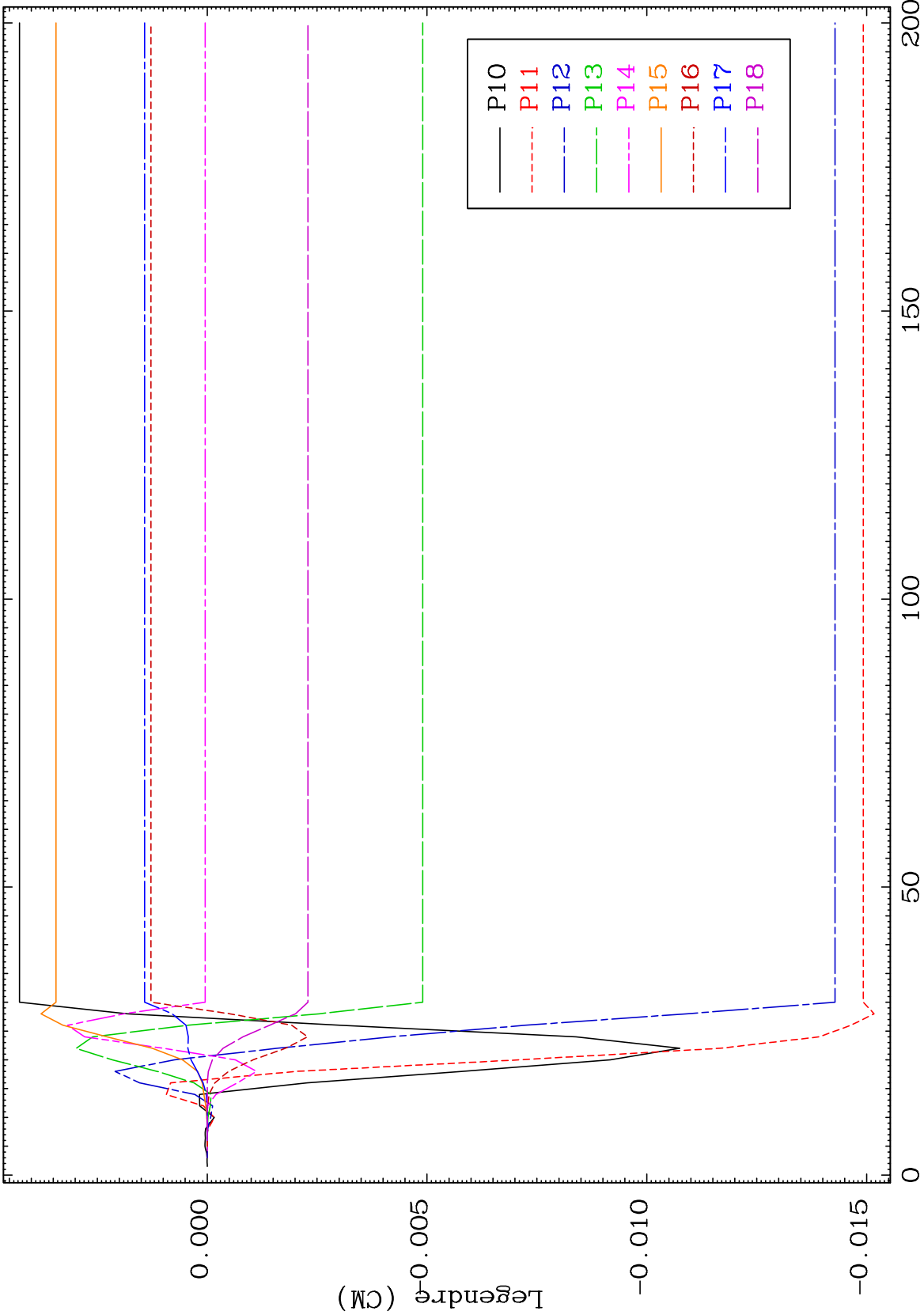
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.478 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



84

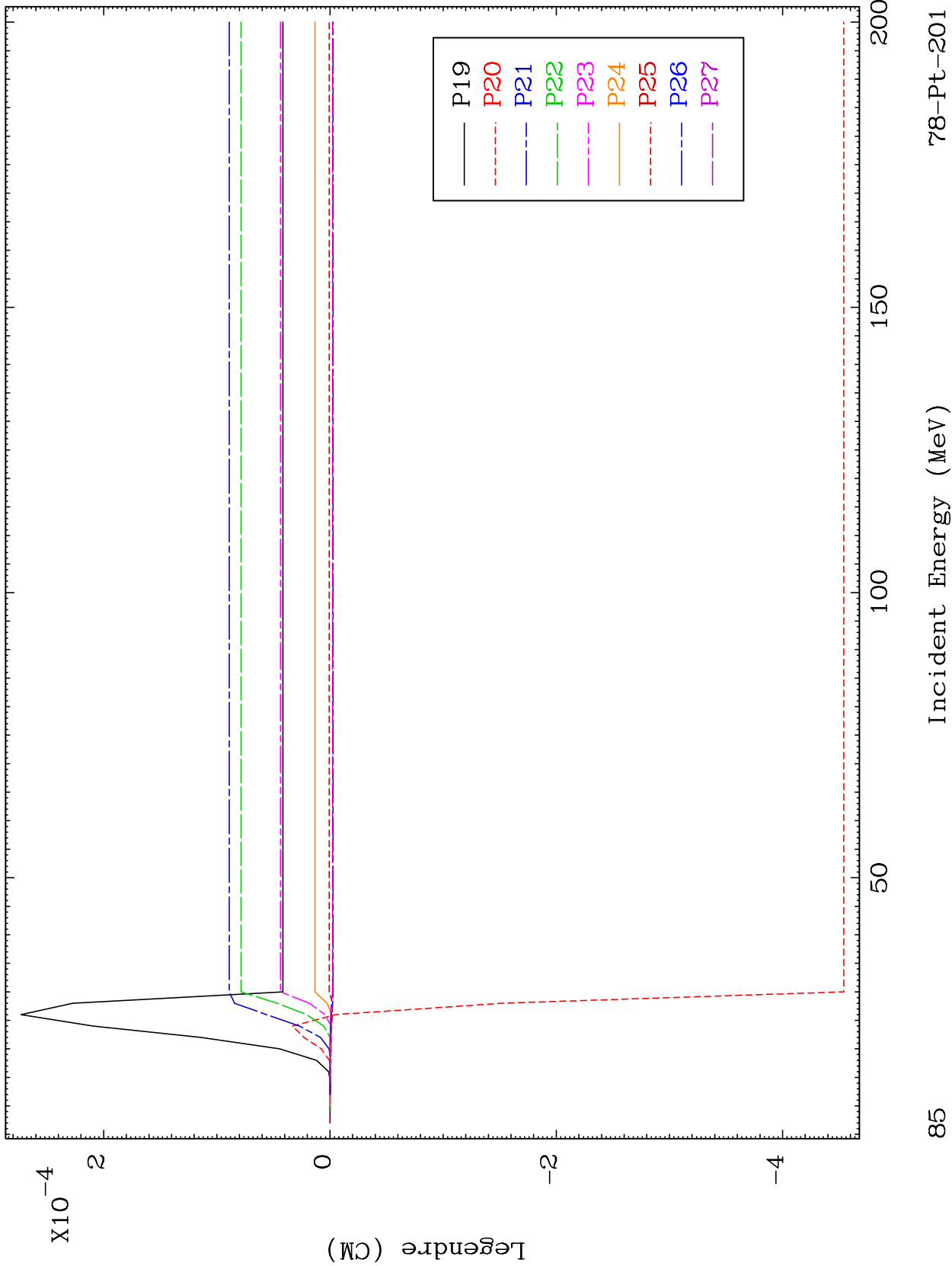
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.478 MeV (n,n') Level
Legendre Coefficients

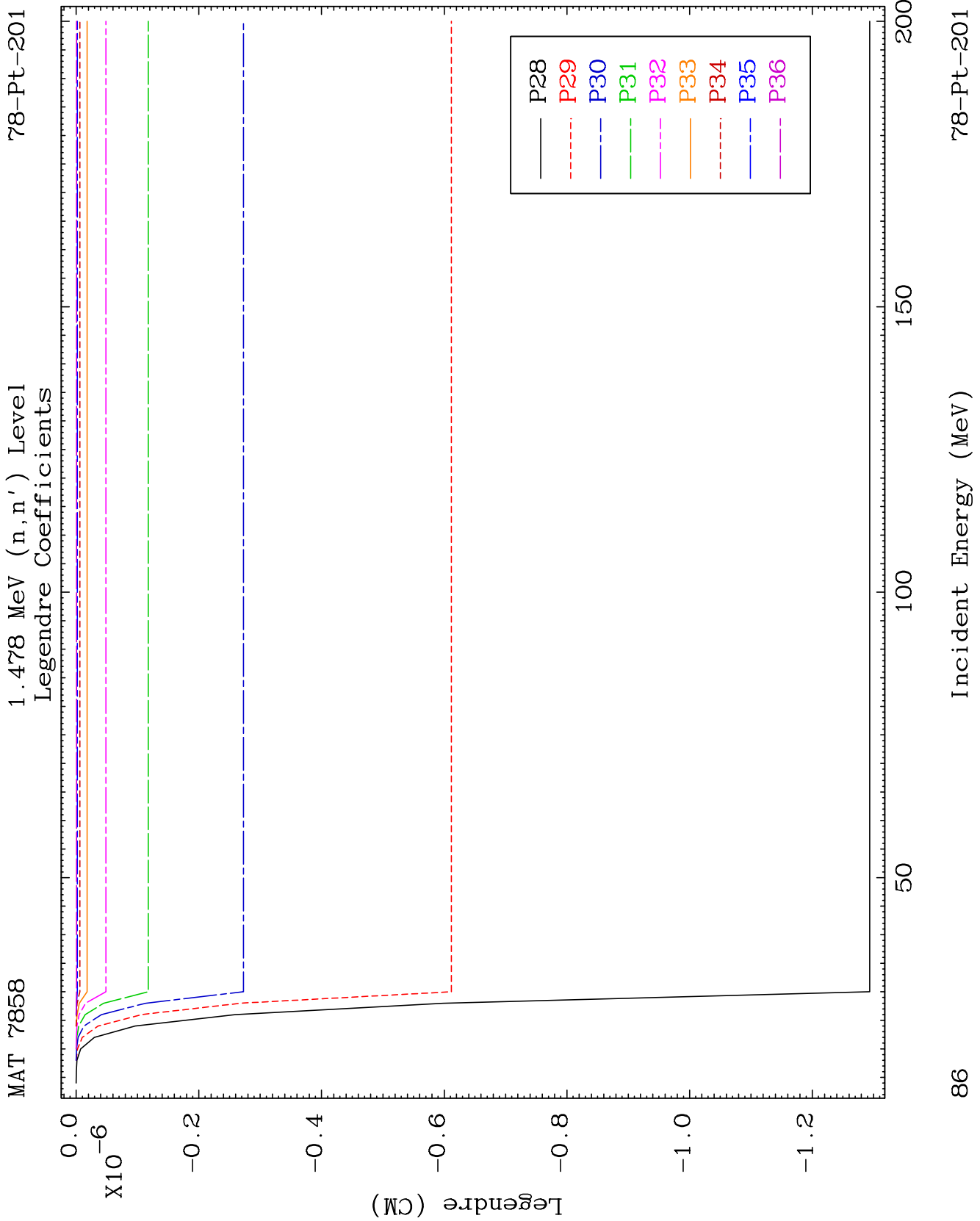
78-Pt-201

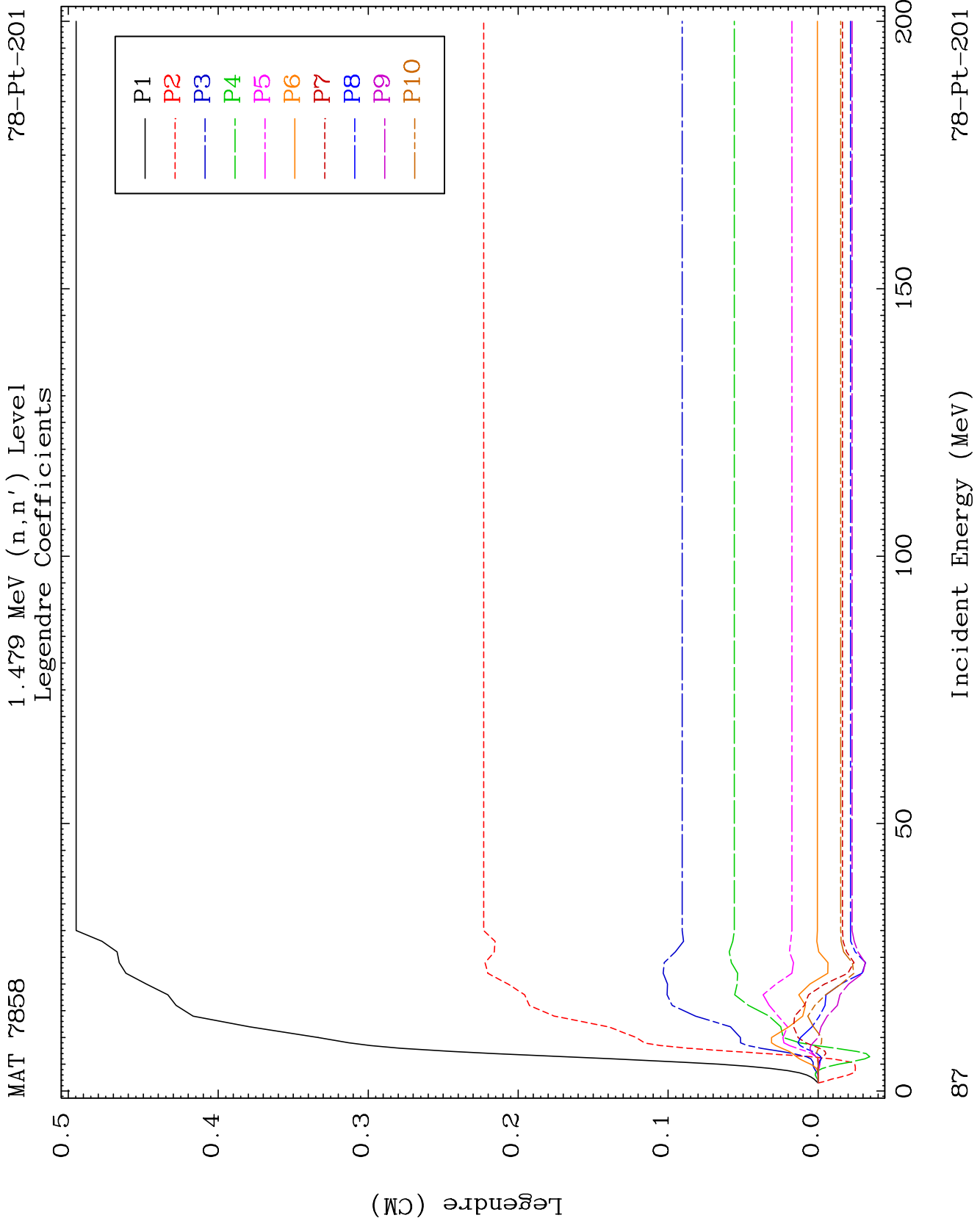


85

Incident Energy (MeV)

78-Pt-201

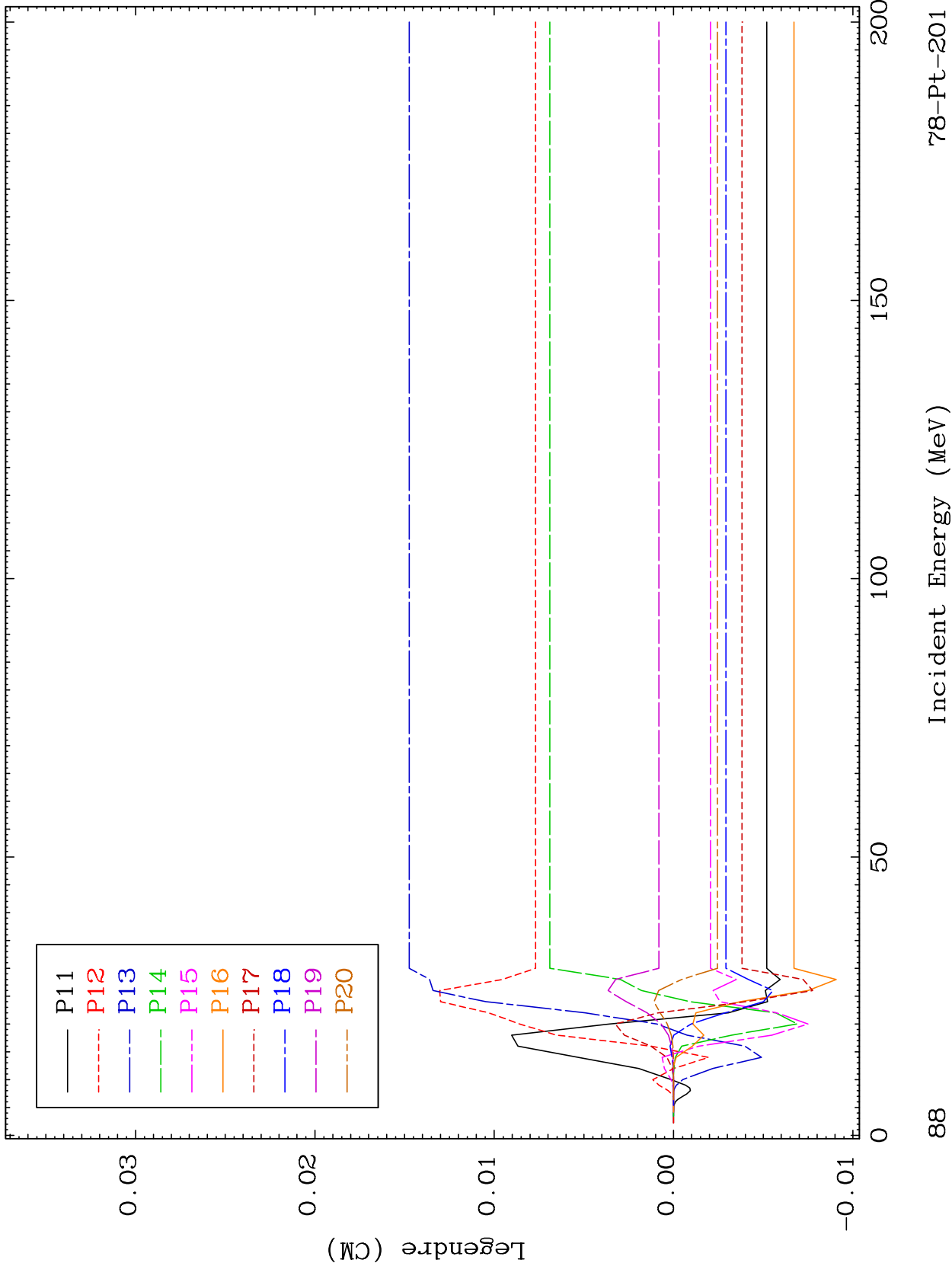




MAT 7858

1.479 MeV (n, n') Level
Legendre Coefficients

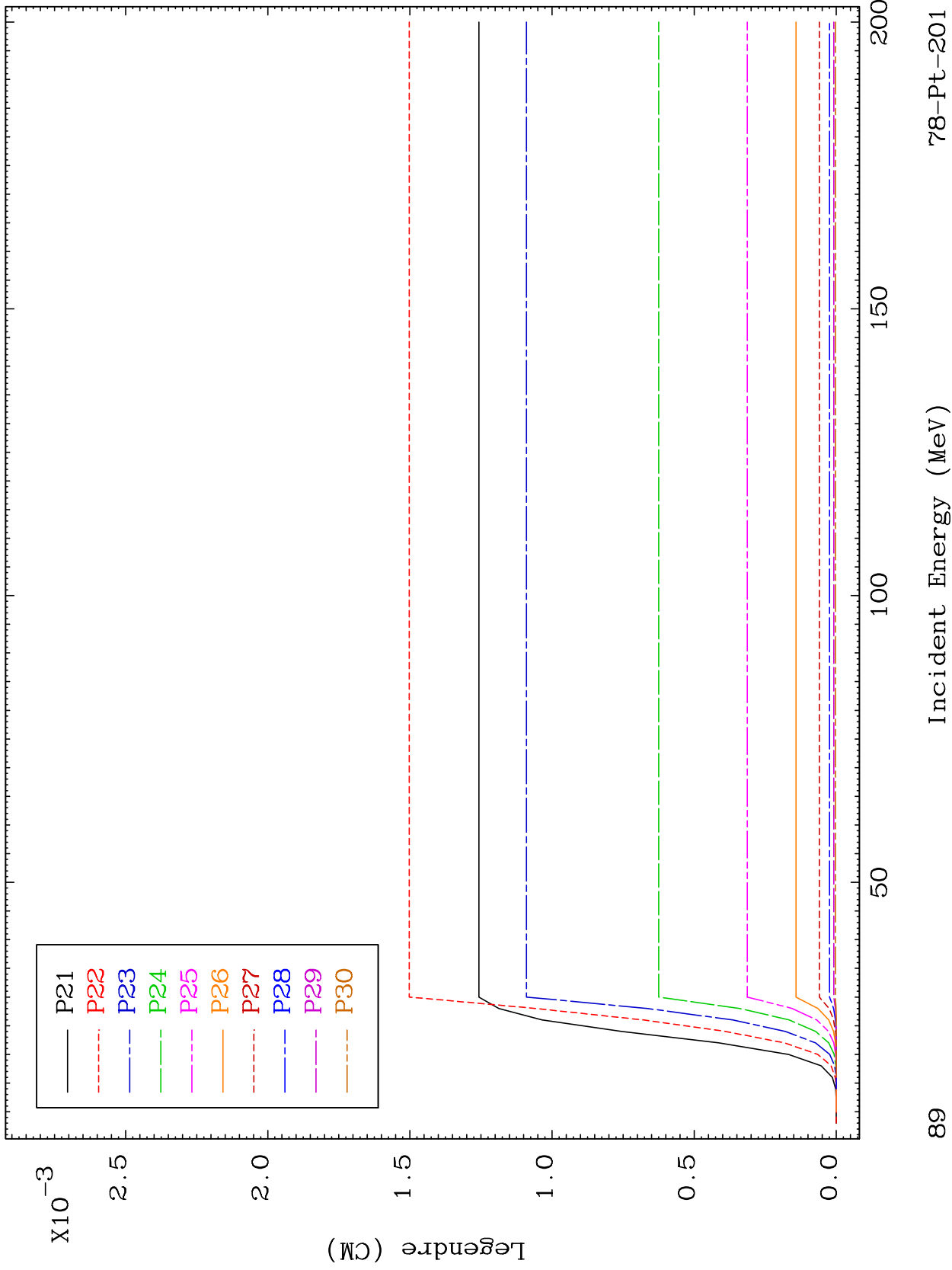
78-Pt-201

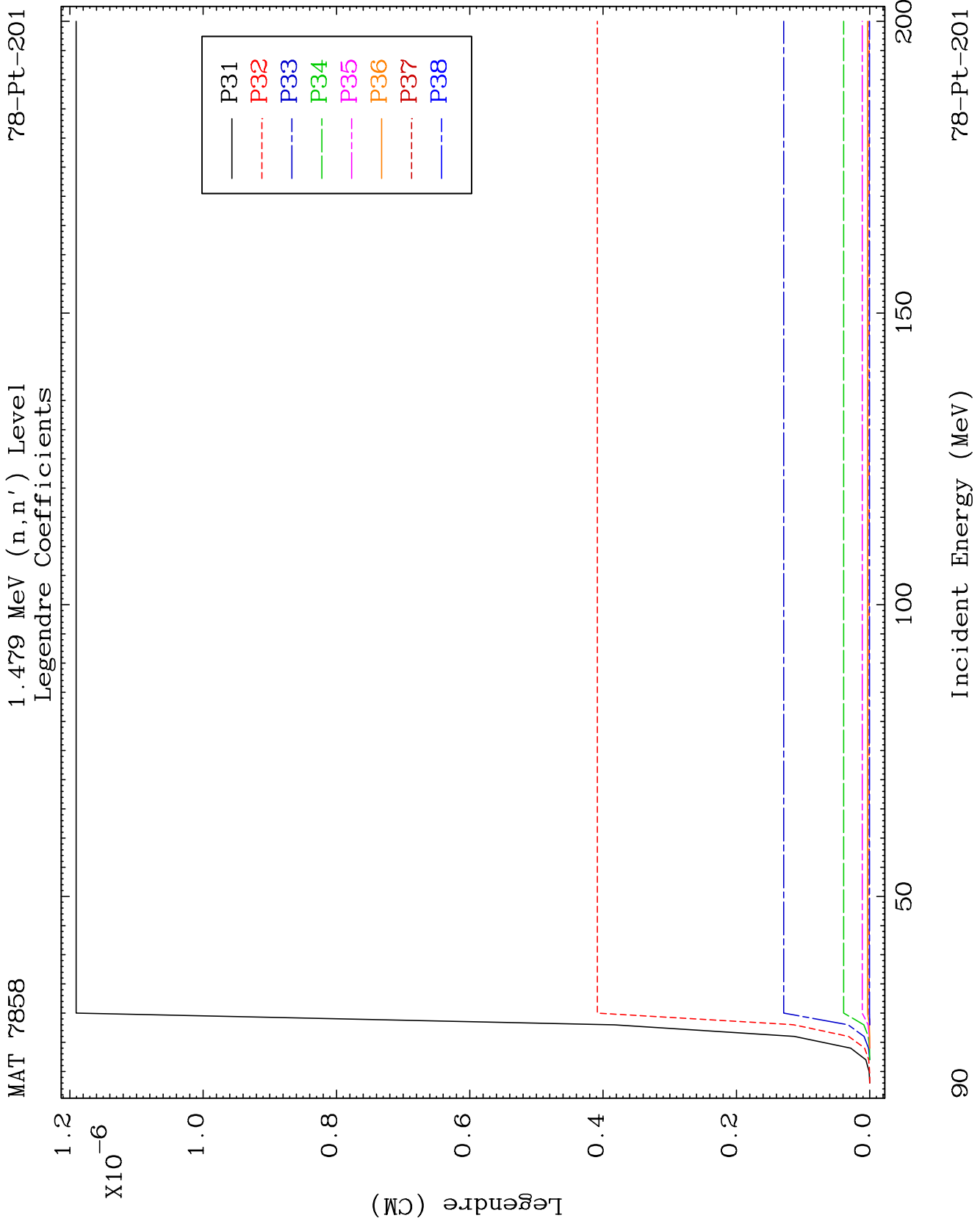


88

Incident Energy (MeV)

78-Pt-201

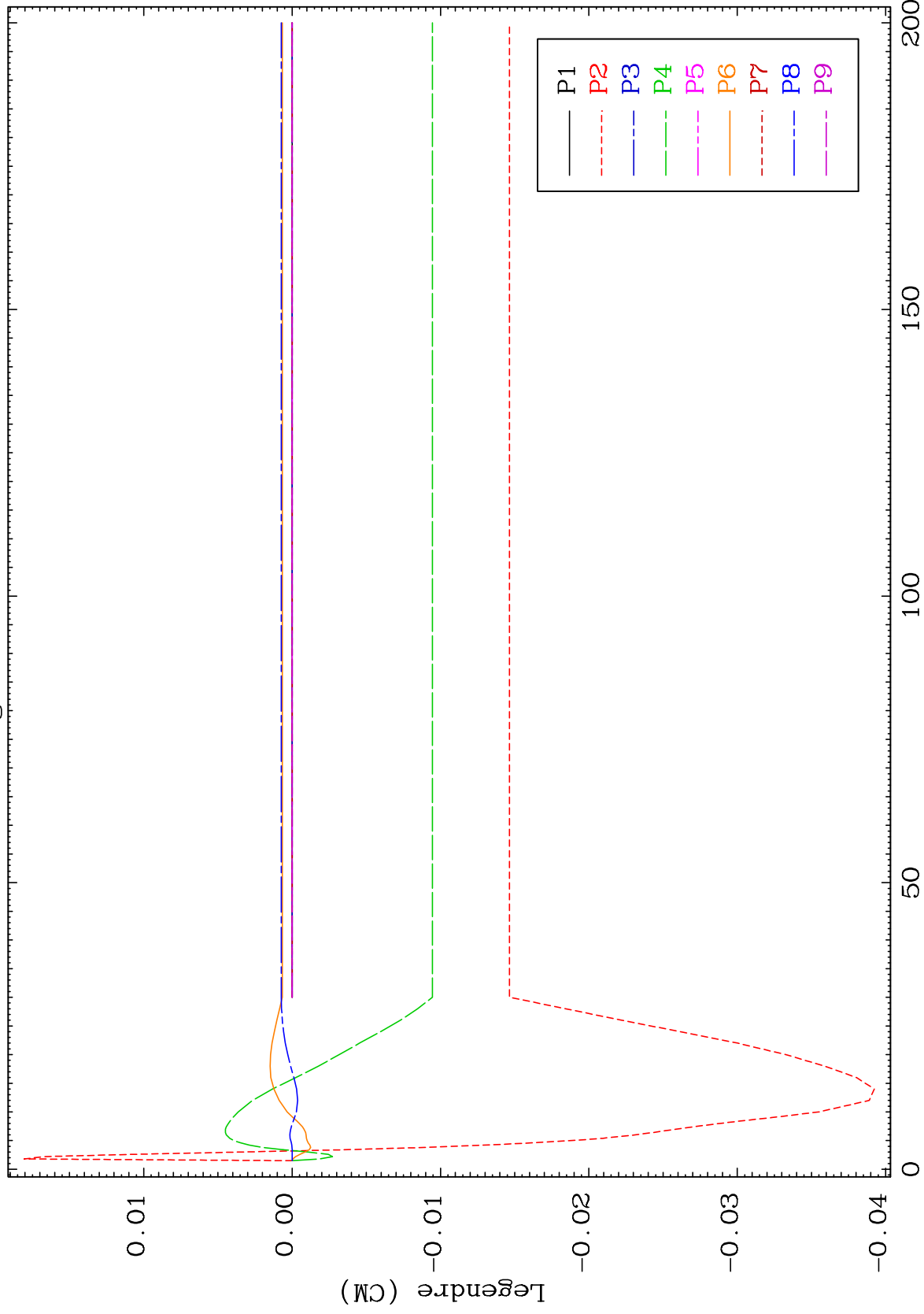




MAT 7858

1.480 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



91

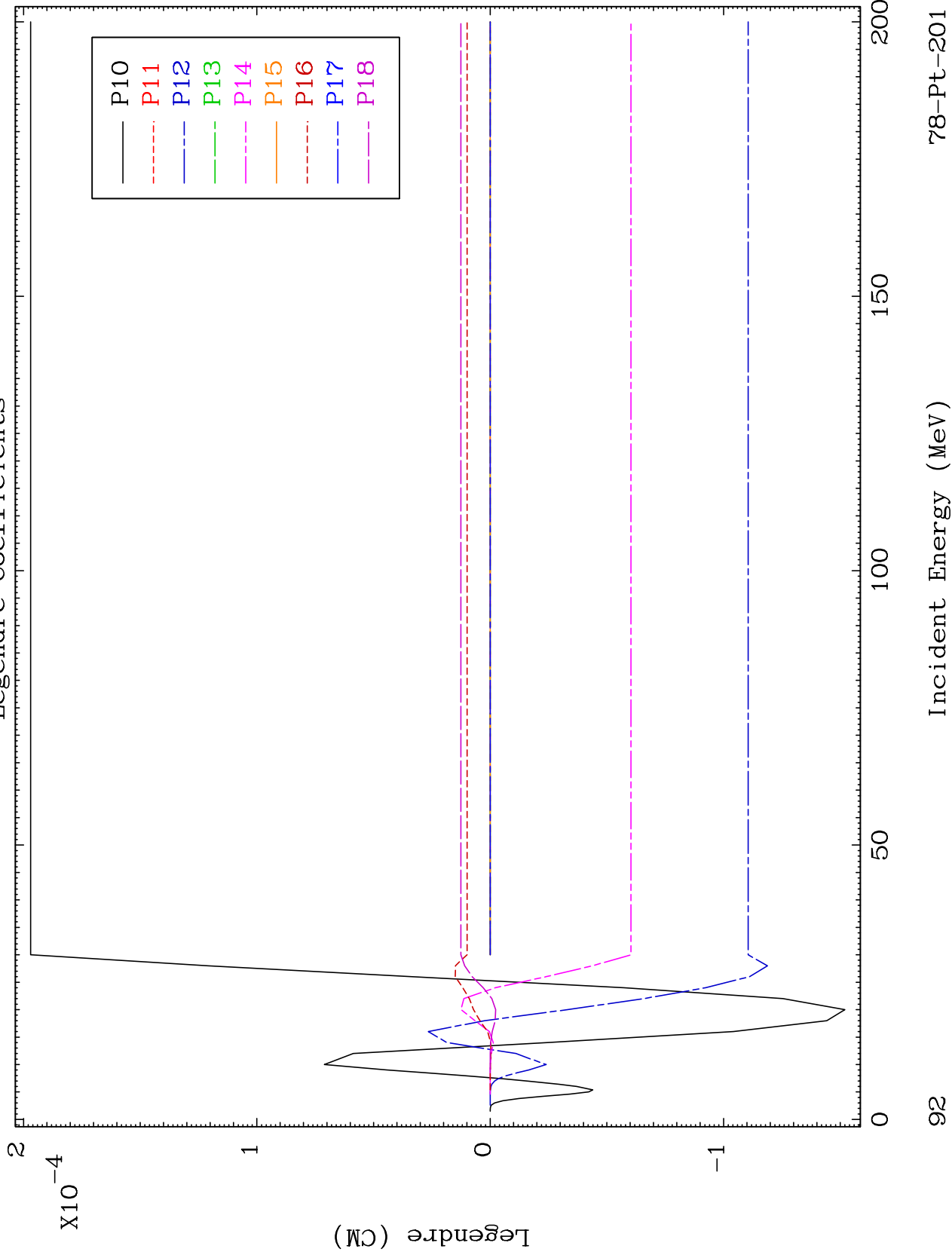
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.480 MeV (n,n') Level
Legendre Coefficients

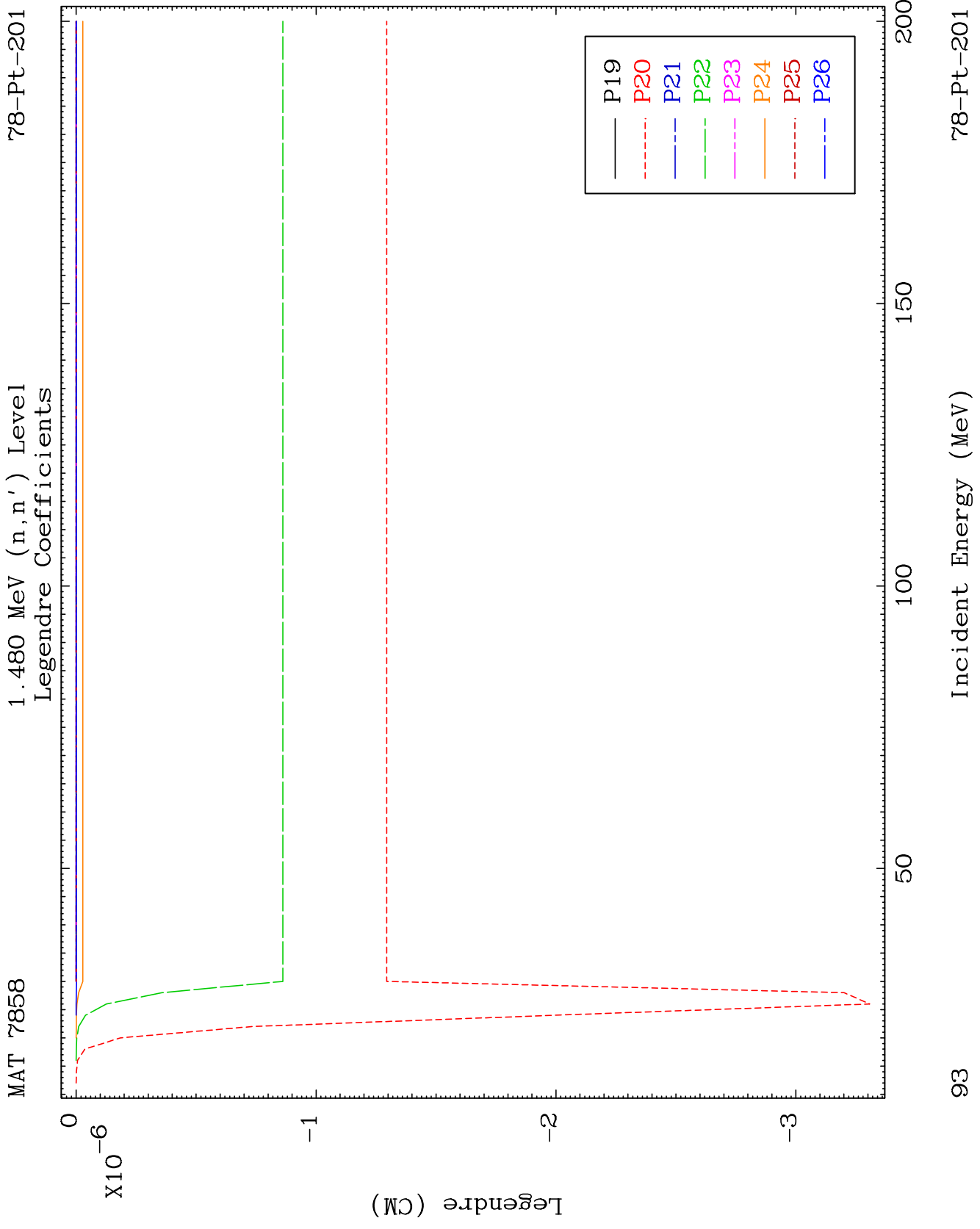
78-Pt-201

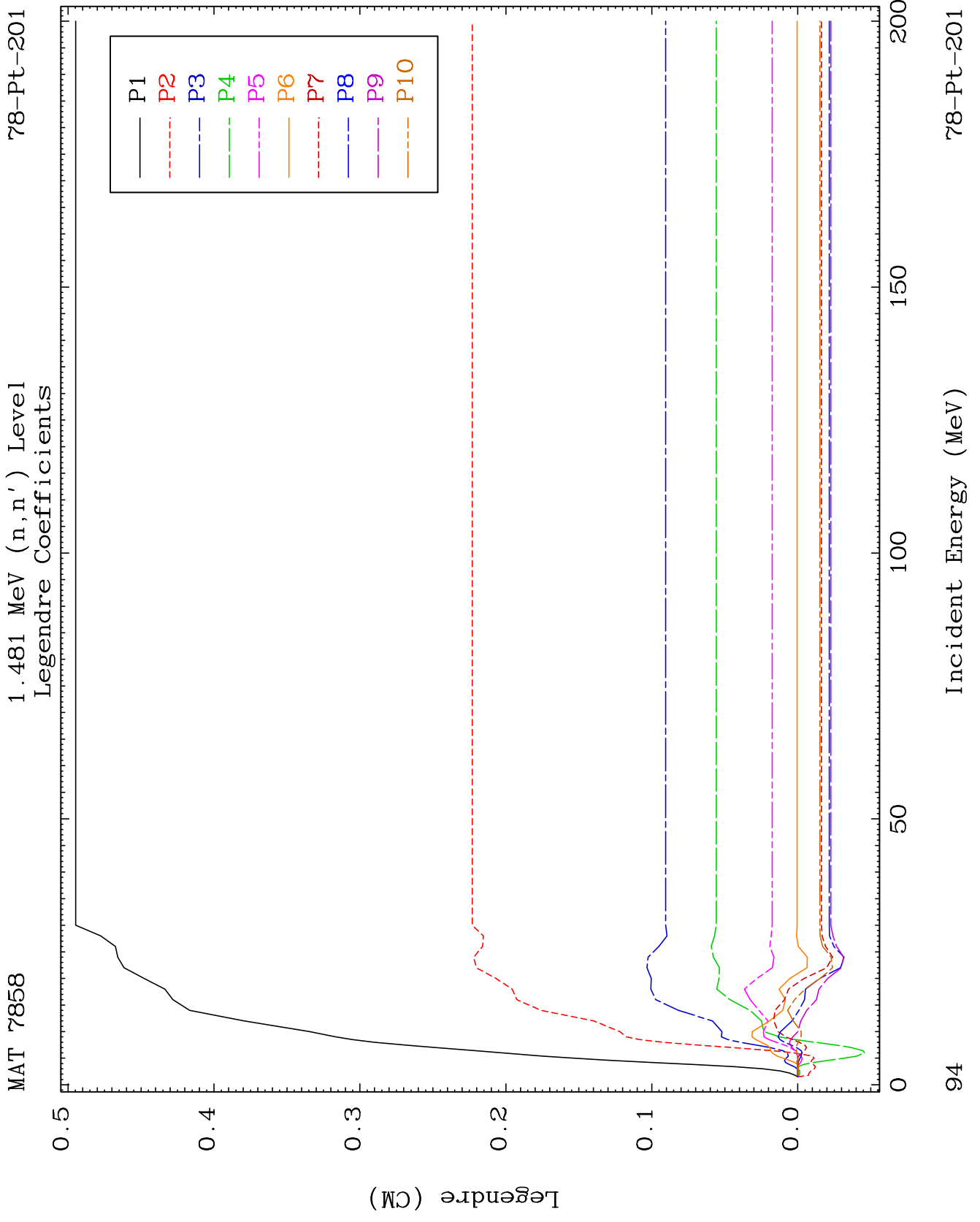


92

Incident Energy (MeV)

78-Pt-201

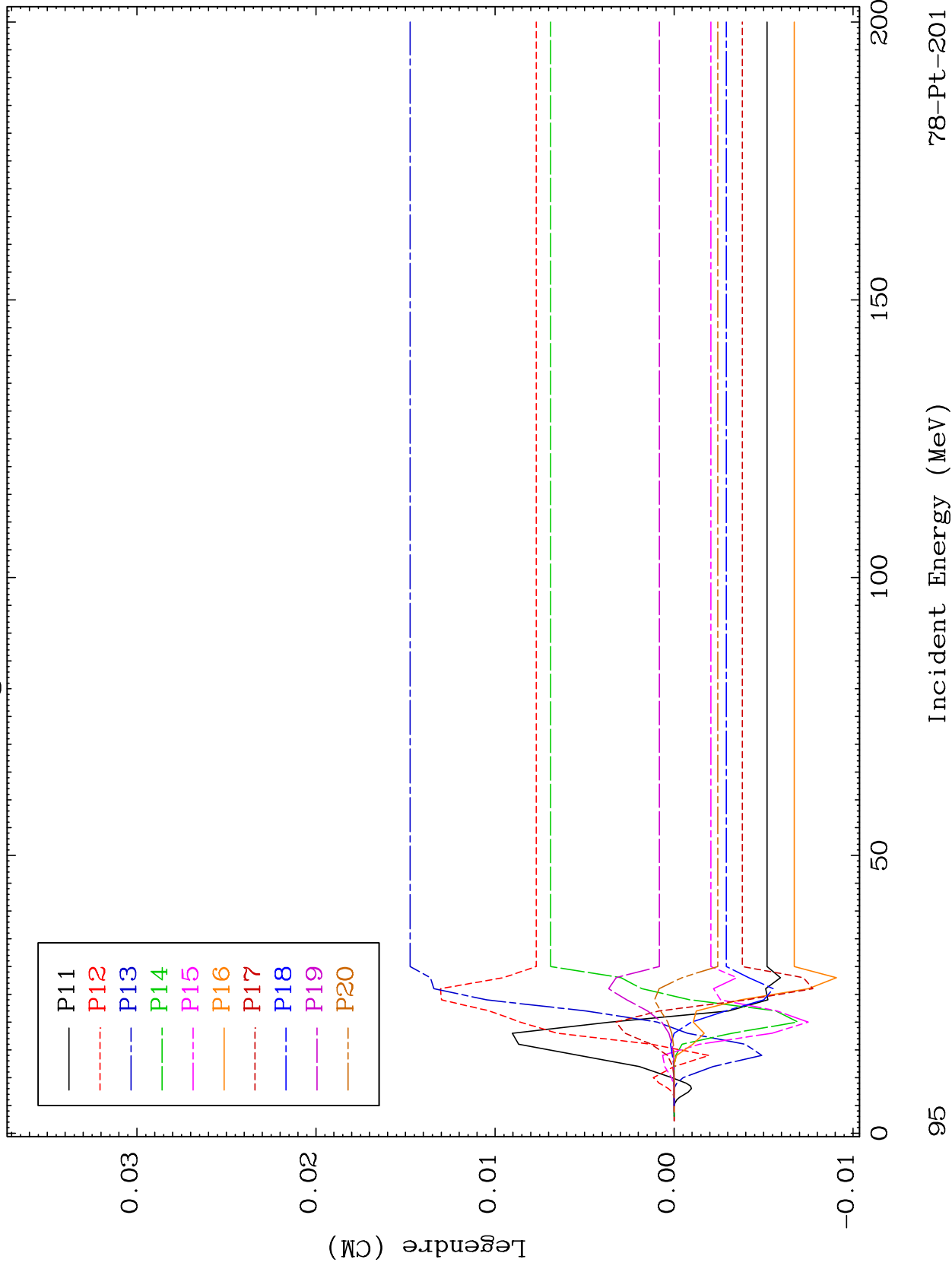




MAT 7858

1.481 MeV (n,n') Level
Legendre Coefficients

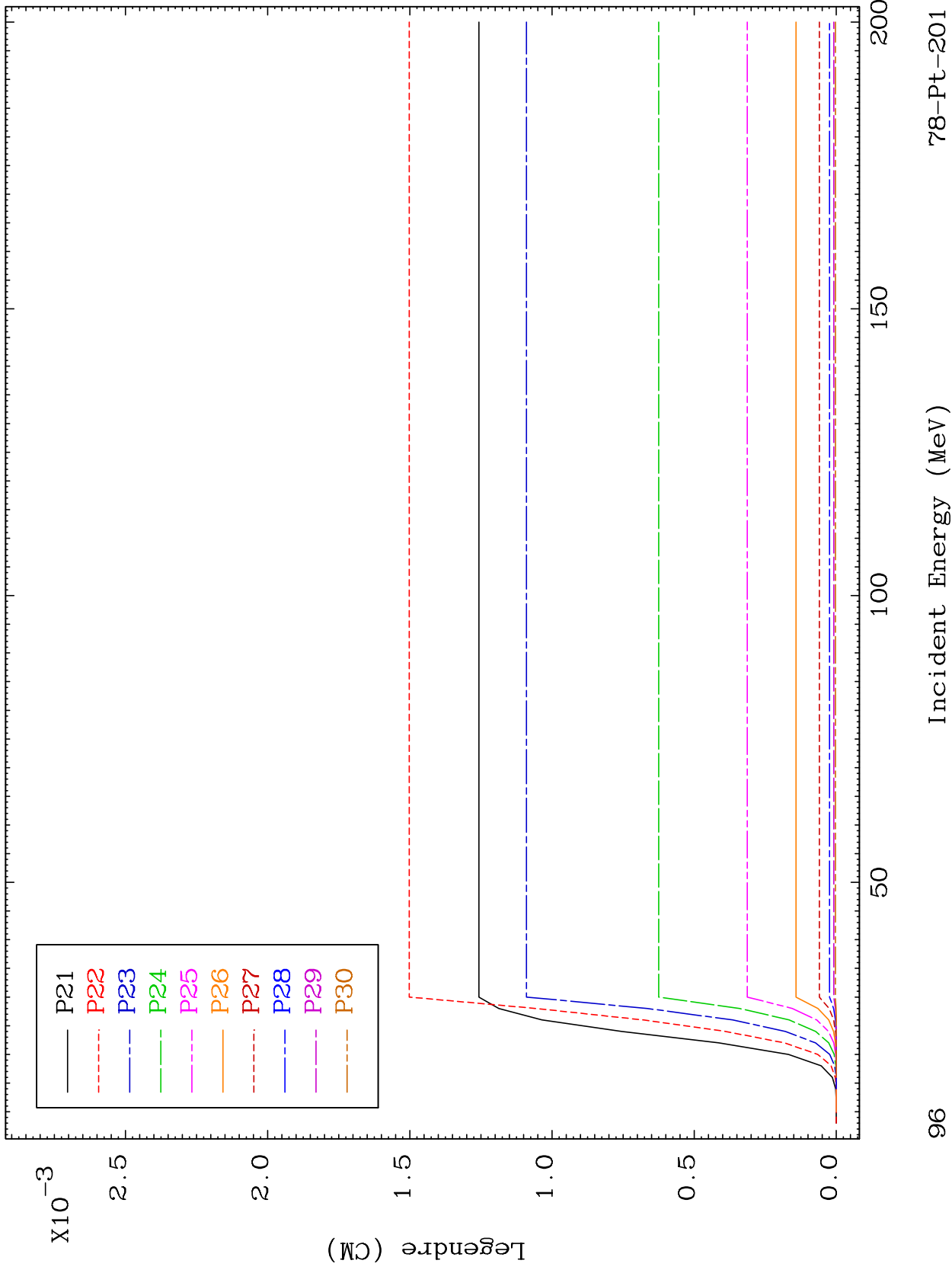
78-Pt-201

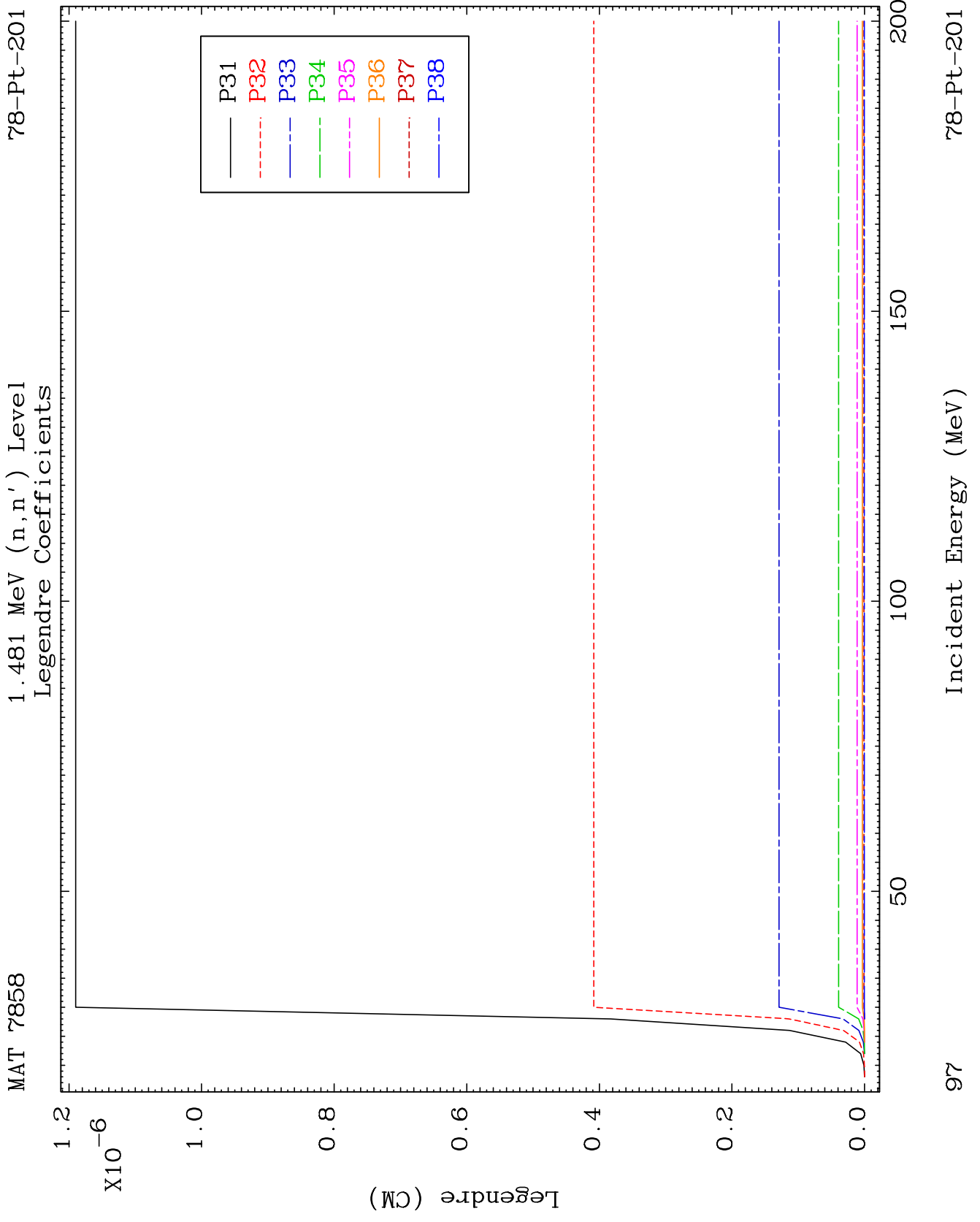


78-Pt-201

Incident Energy (MeV)

95

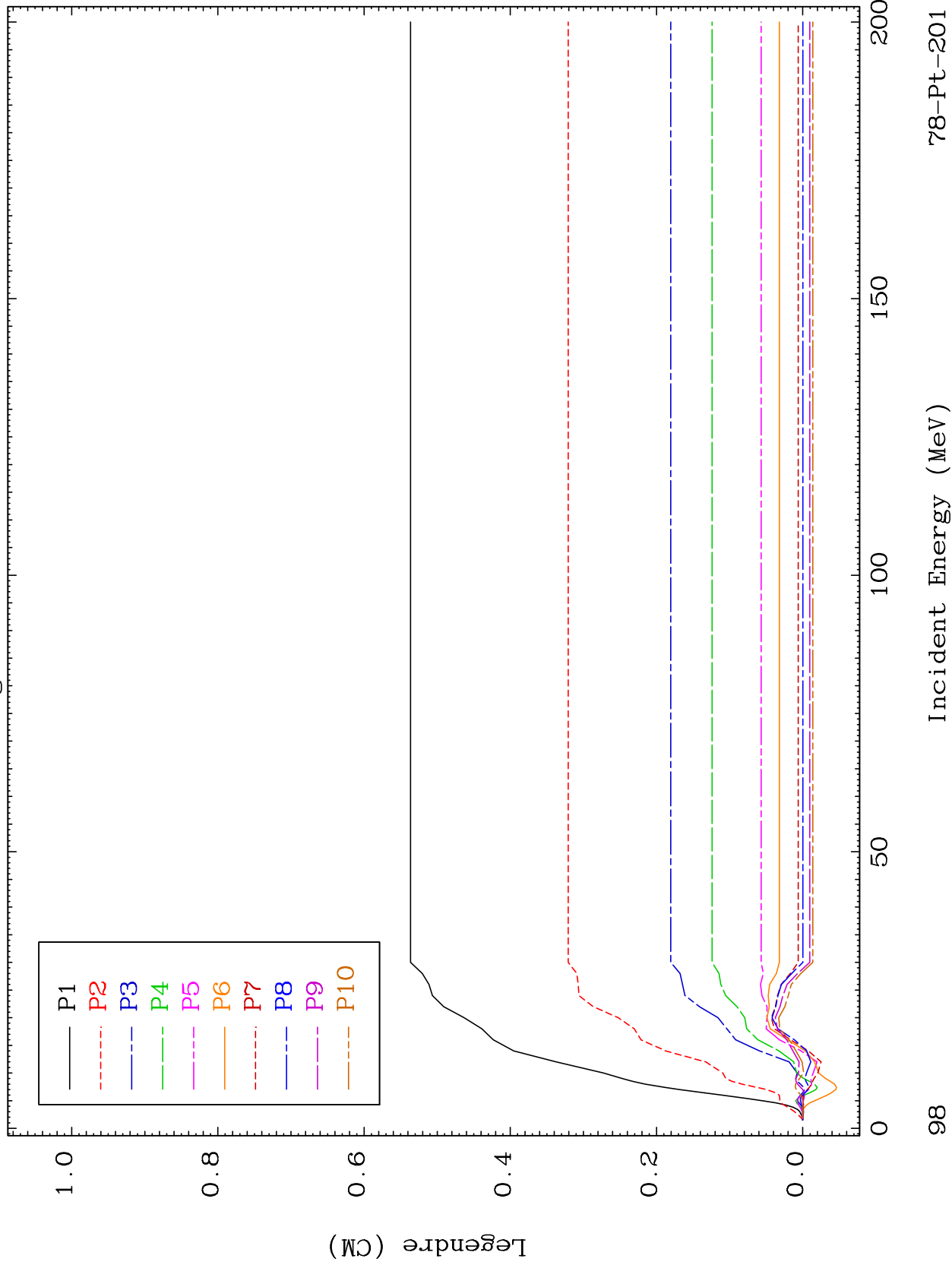




MAT 7858

1.482 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



98

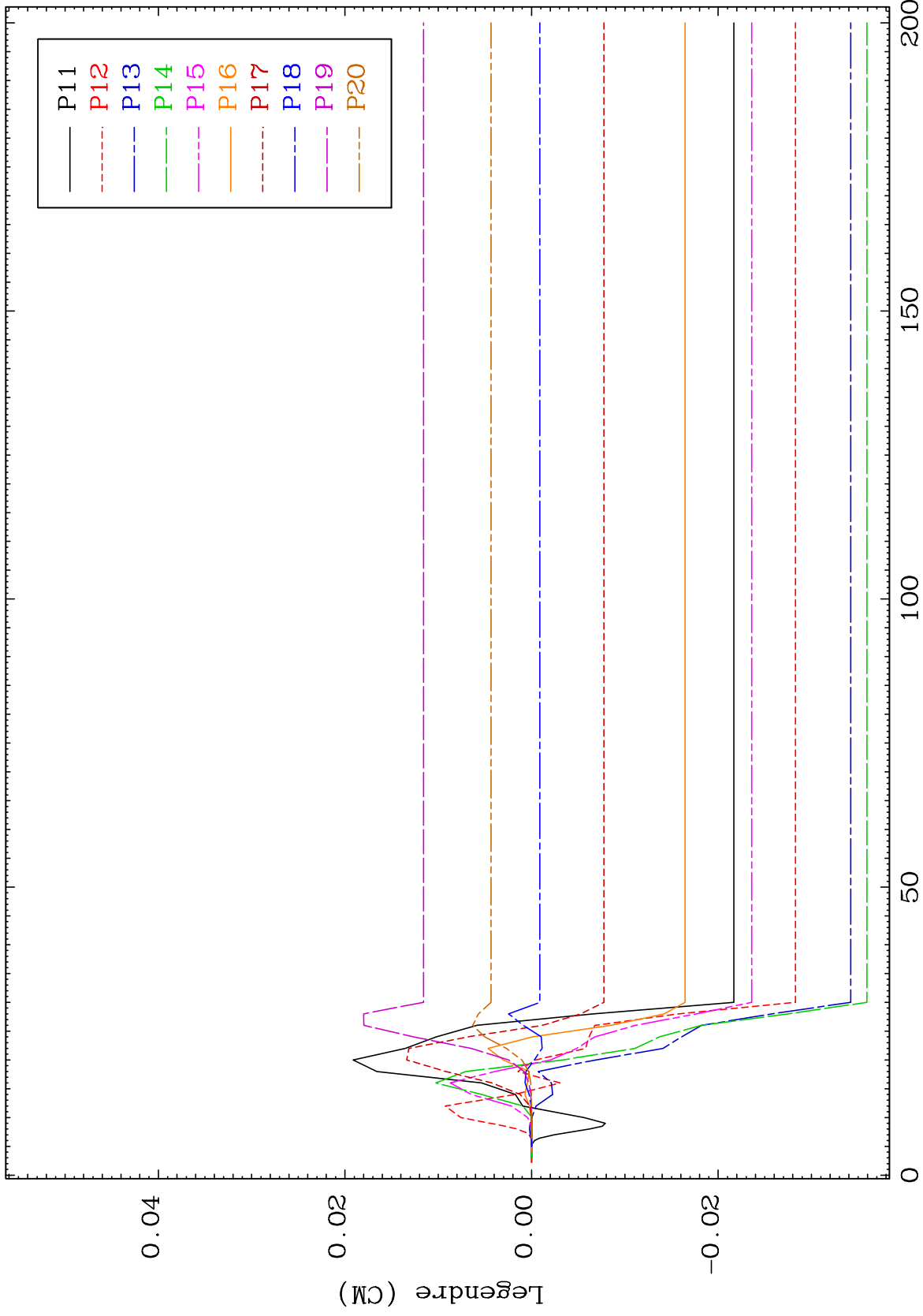
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.482 MeV (n,n') Level Legendre Coefficients

78-Pt-201



99

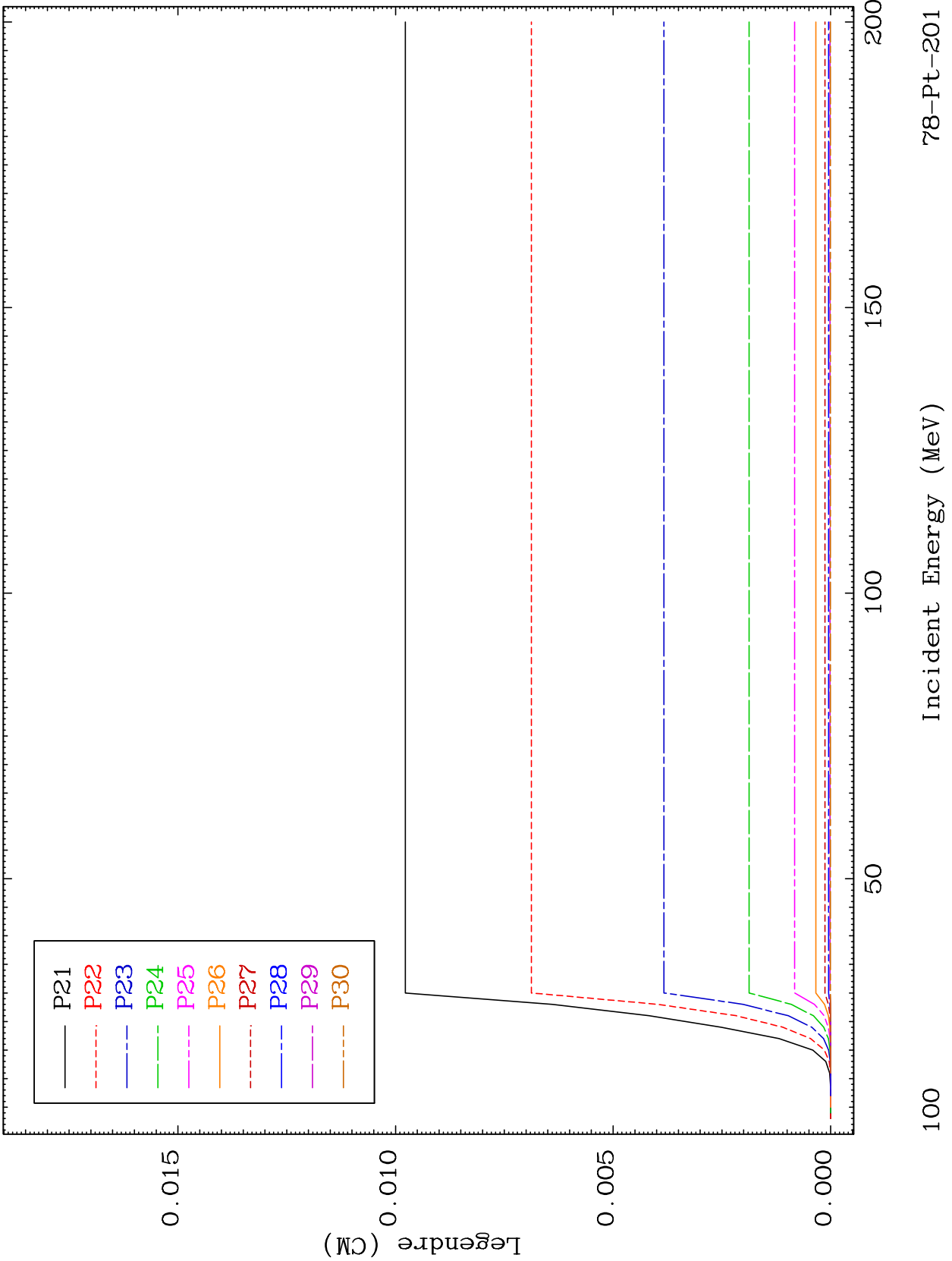
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.482 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



78-Pt-201

Incident Energy (MeV)

100

50

100

150

200

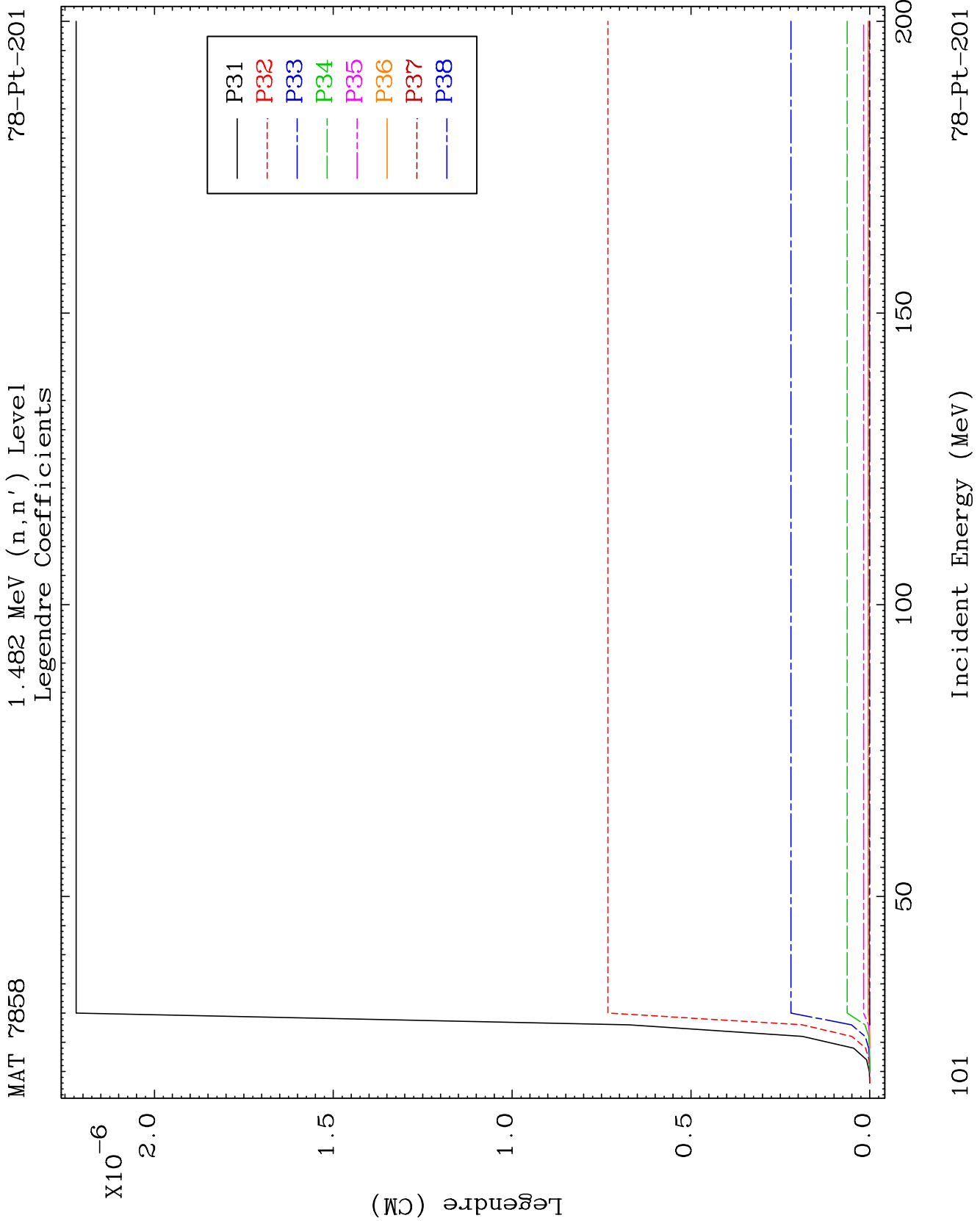
Legendre (CM)

0.015

0.010

0.005

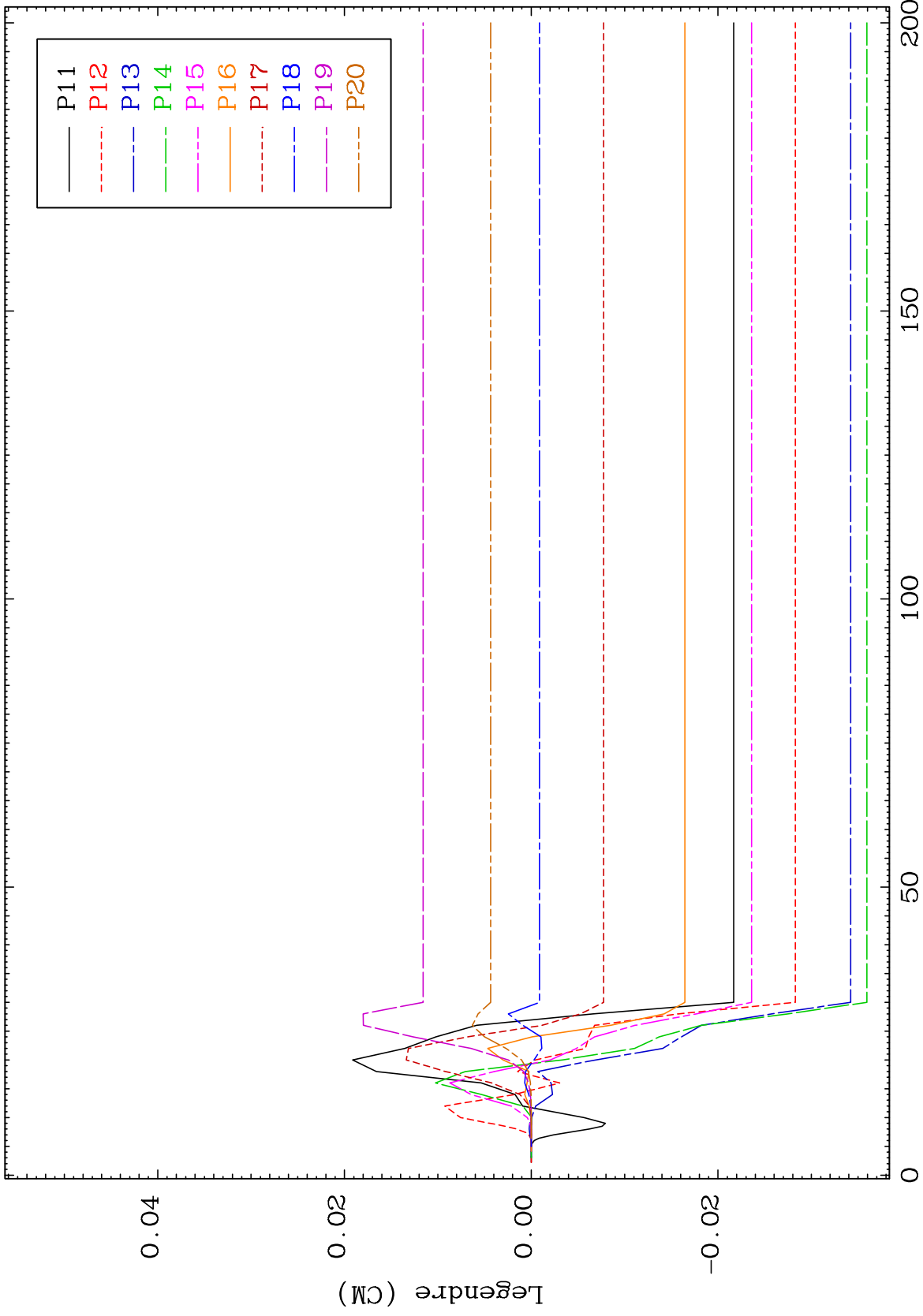
0.000



MAT 7858

1.483 MeV (n,n') Level Legendre Coefficients

78-Pt-201



103

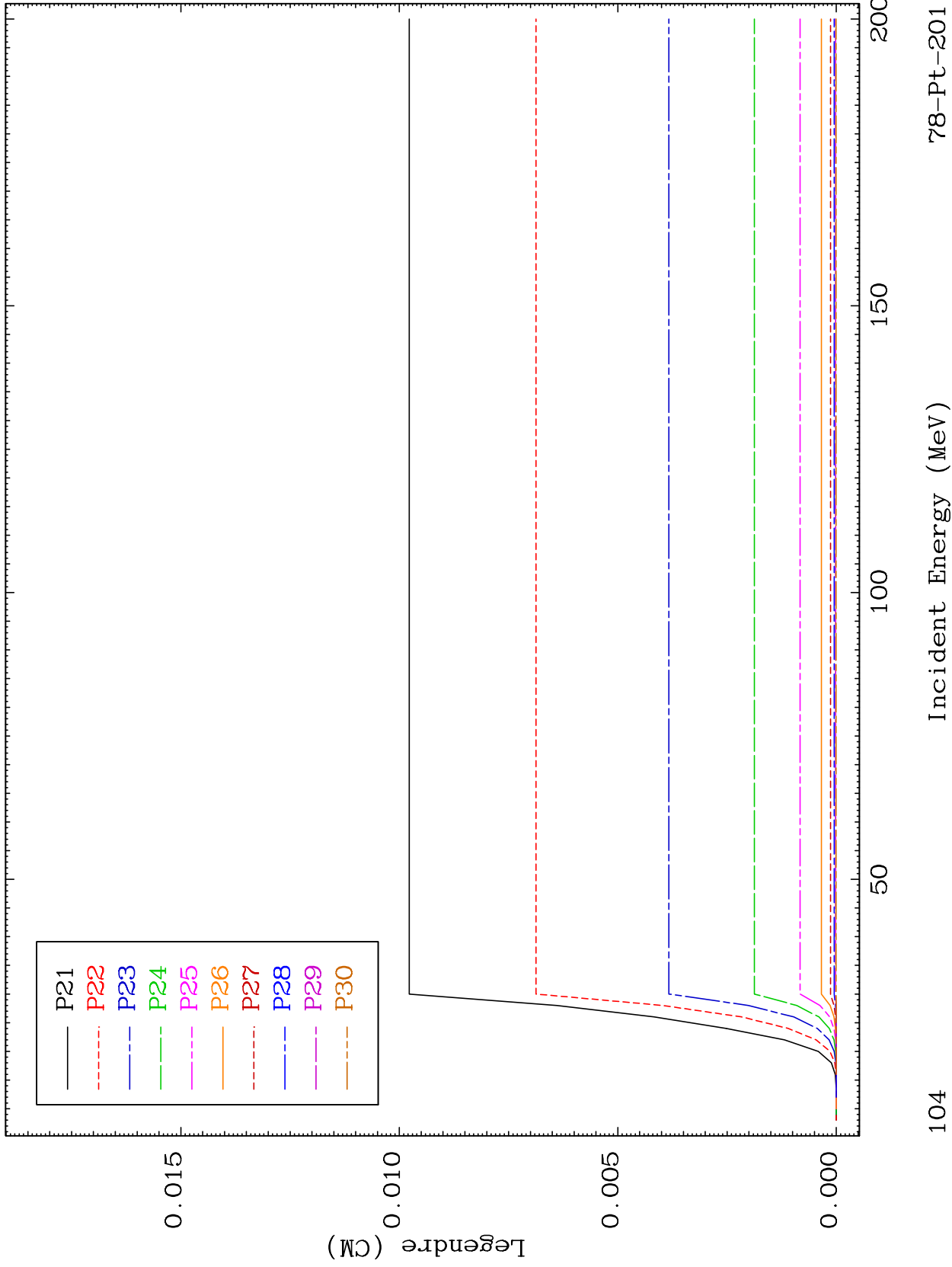
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.483 MeV (n,n') Level
Legendre Coefficients

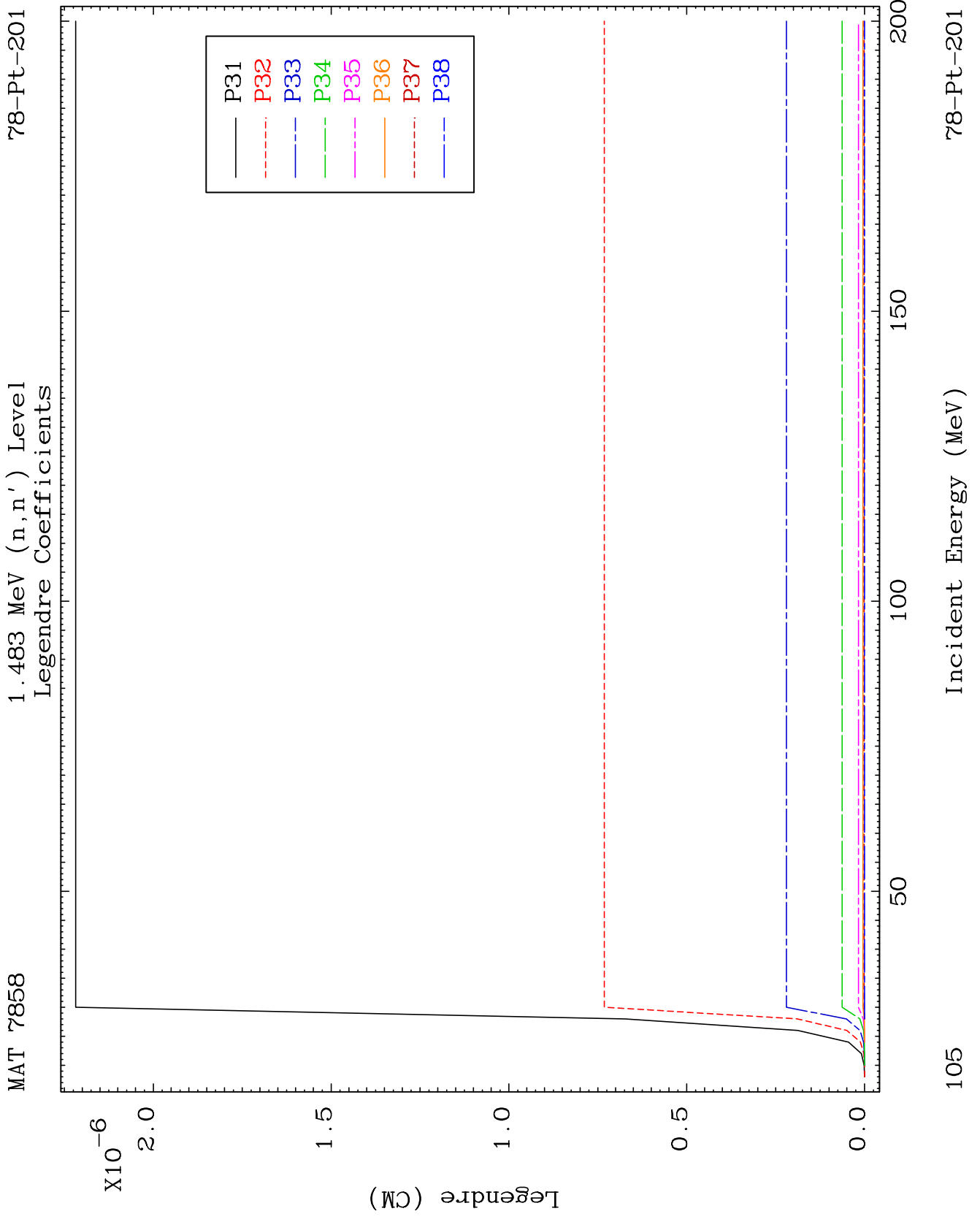
78-Pt-201

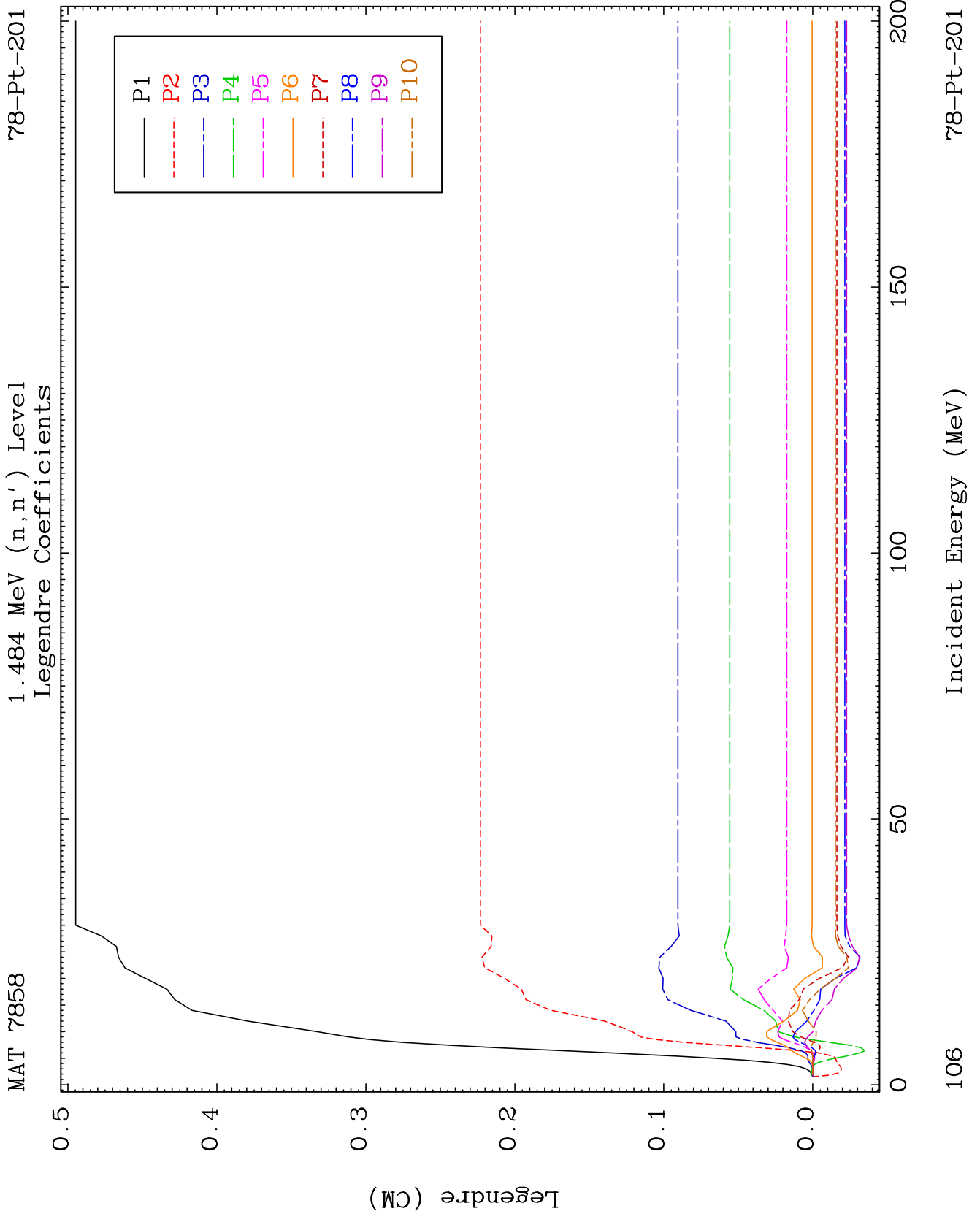


104

Incident Energy (MeV)

78-Pt-201

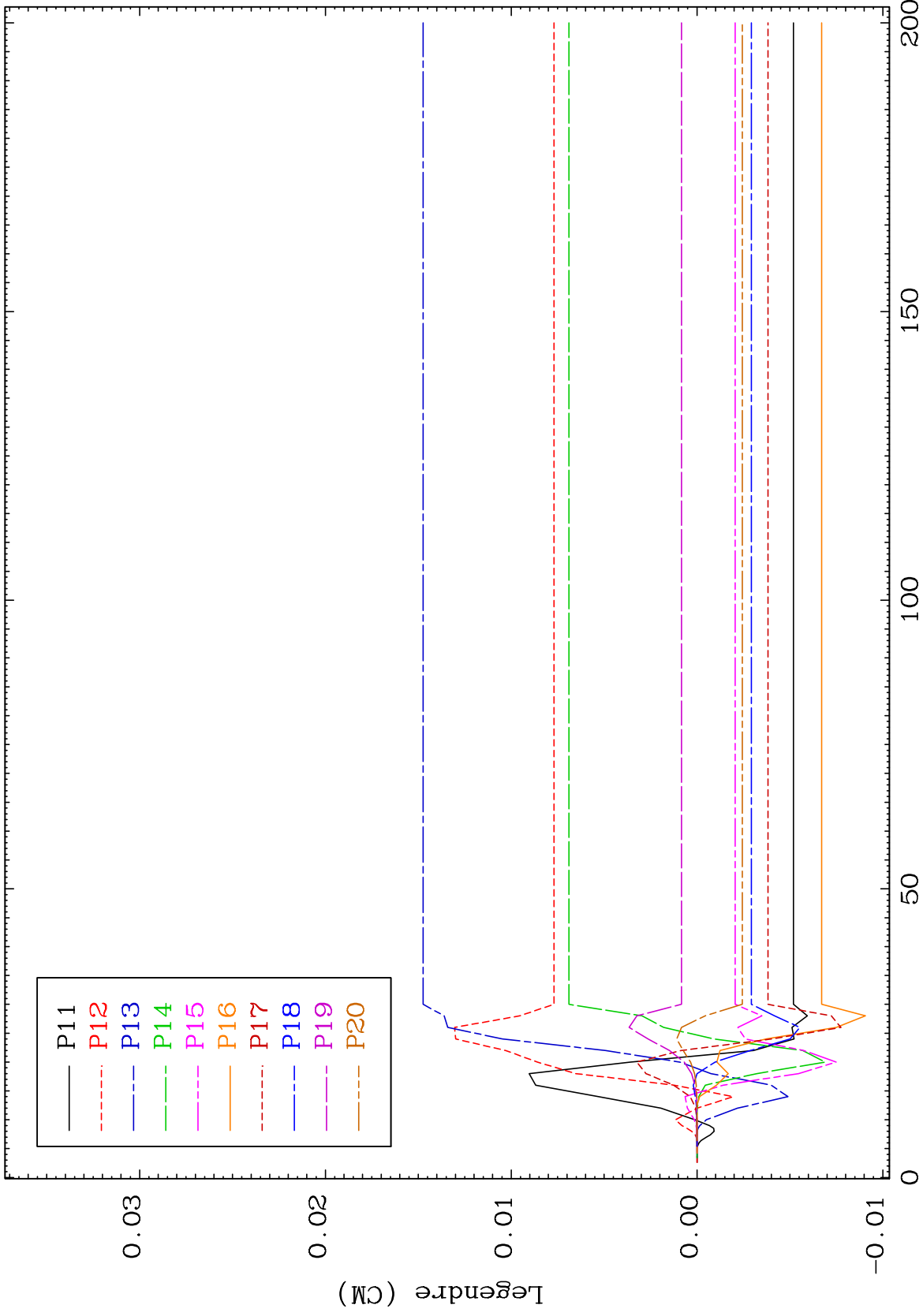




MAT 7858

1.484 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



107

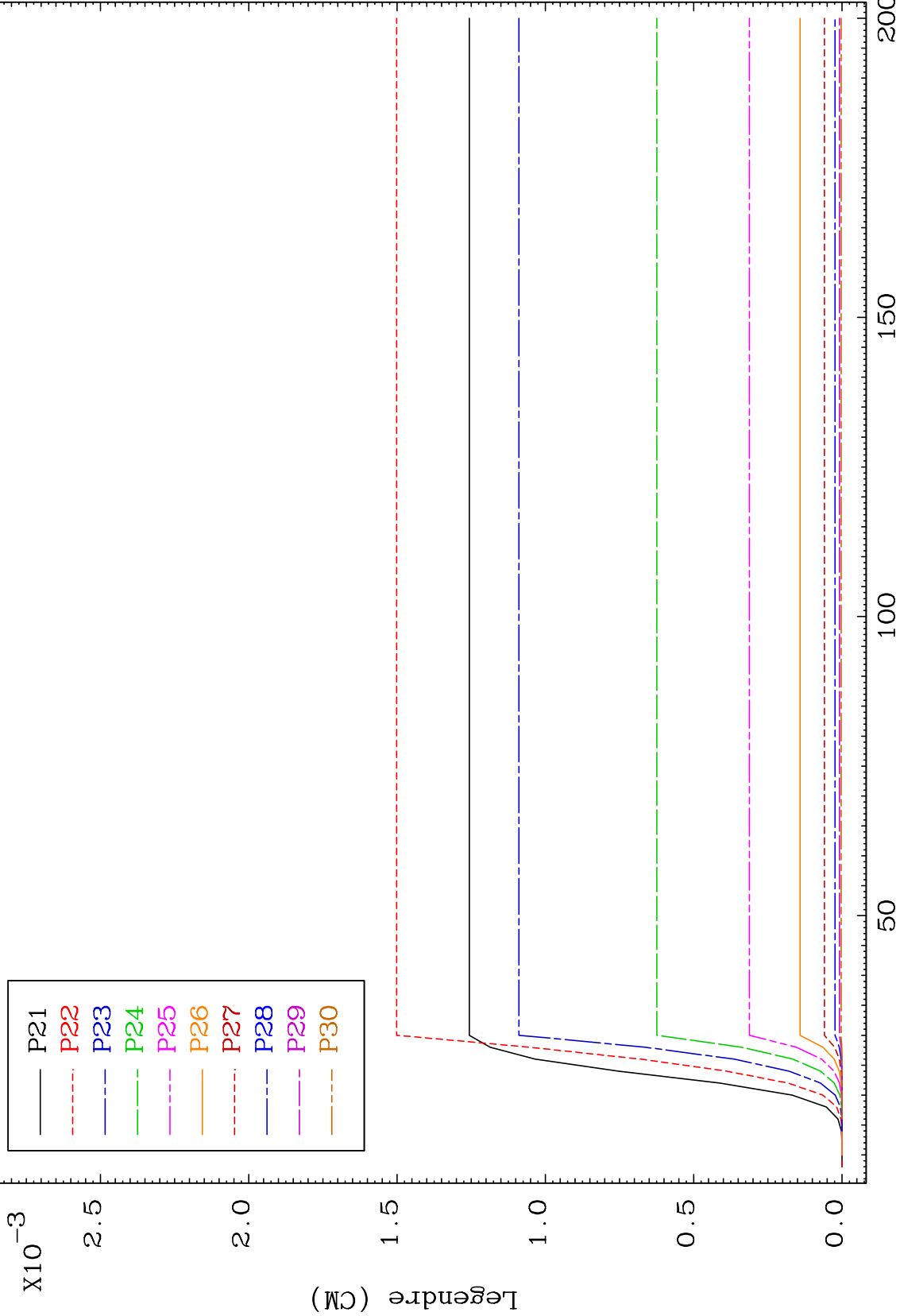
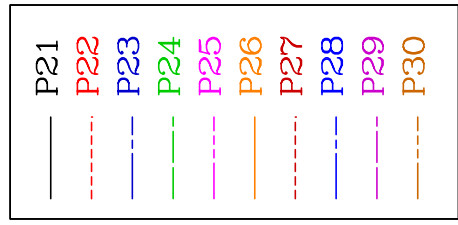
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.484 MeV (n,n') Level
Legendre Coefficients

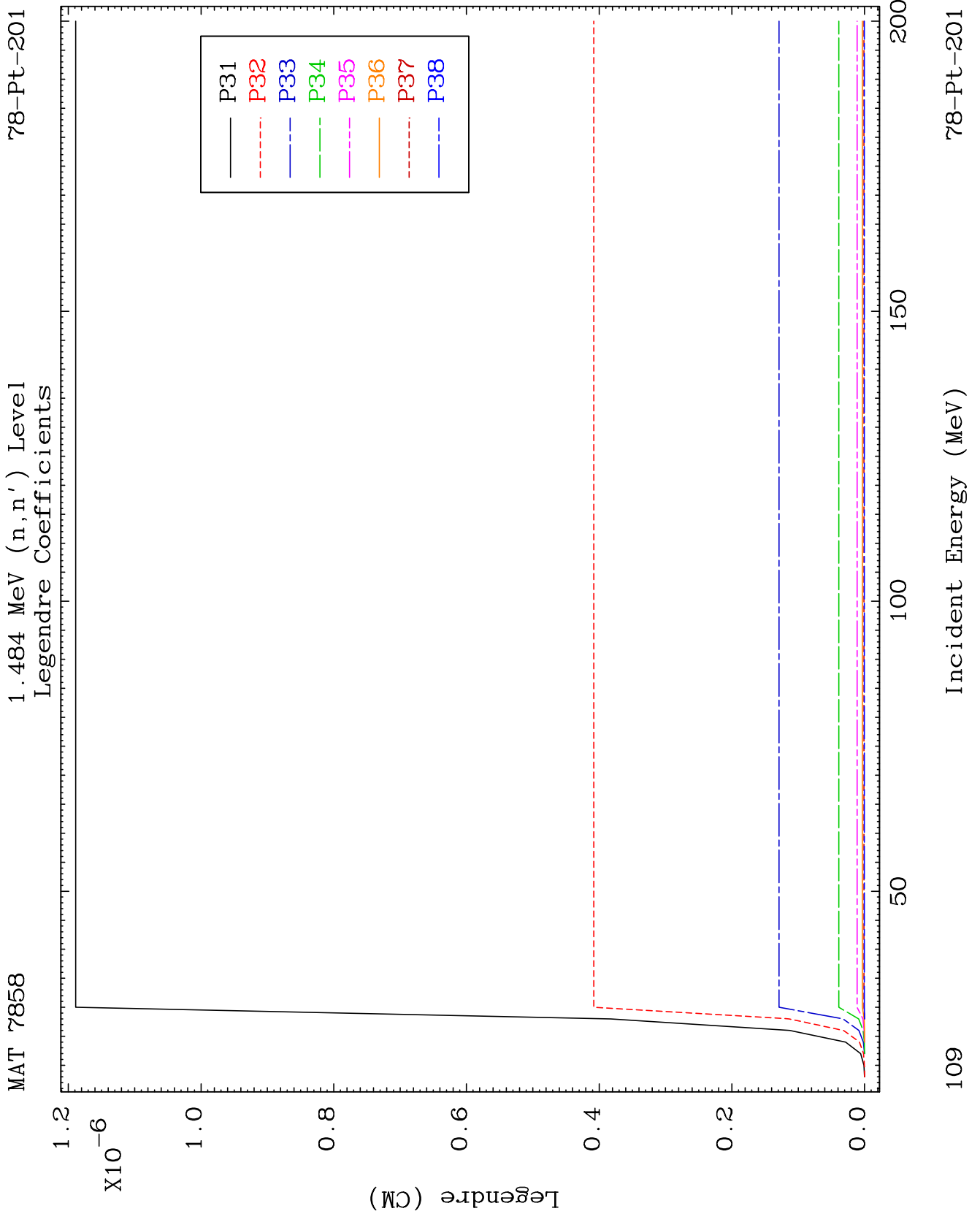
78-Pt-201

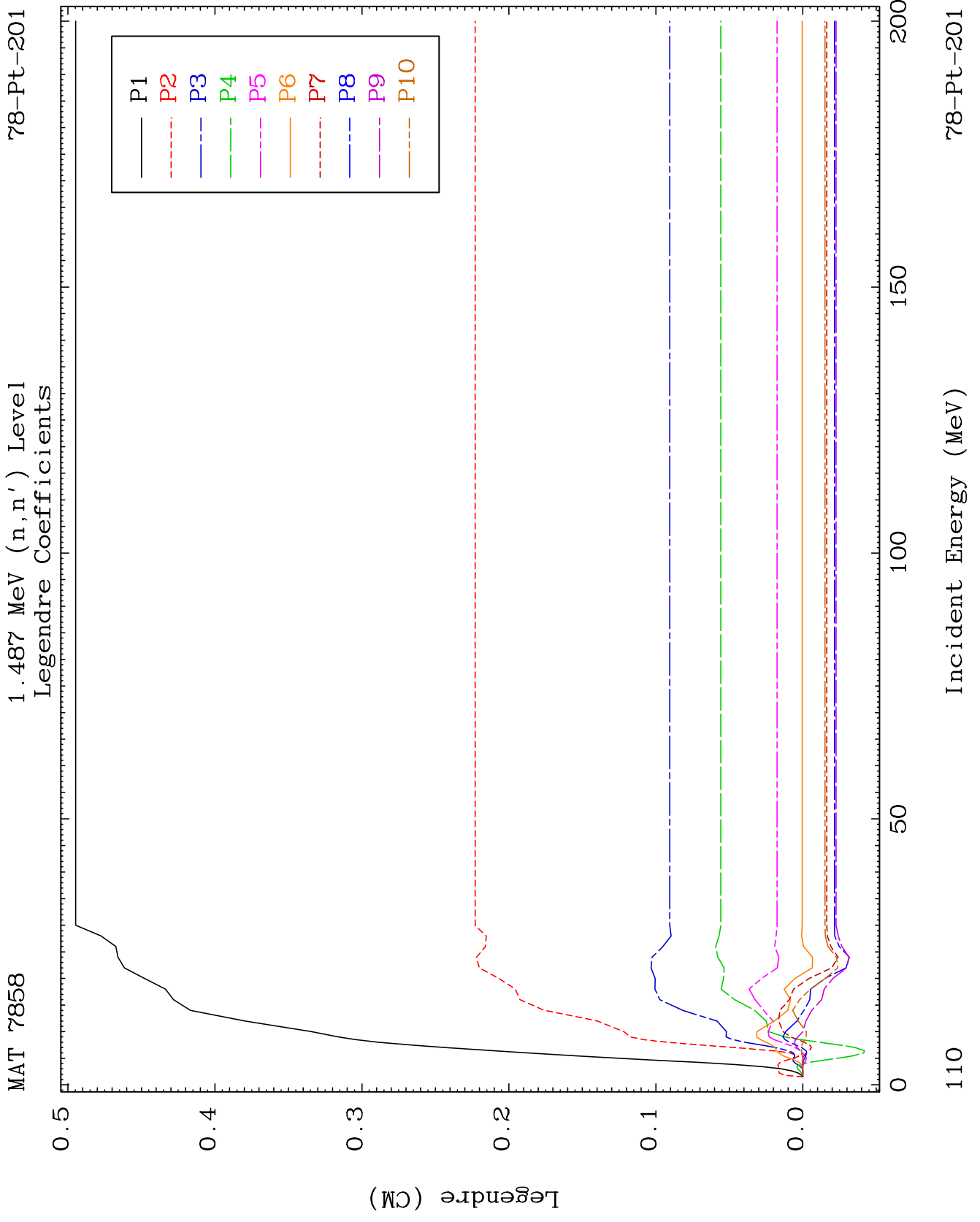


108

Incident Energy (MeV)

78-Pt-201

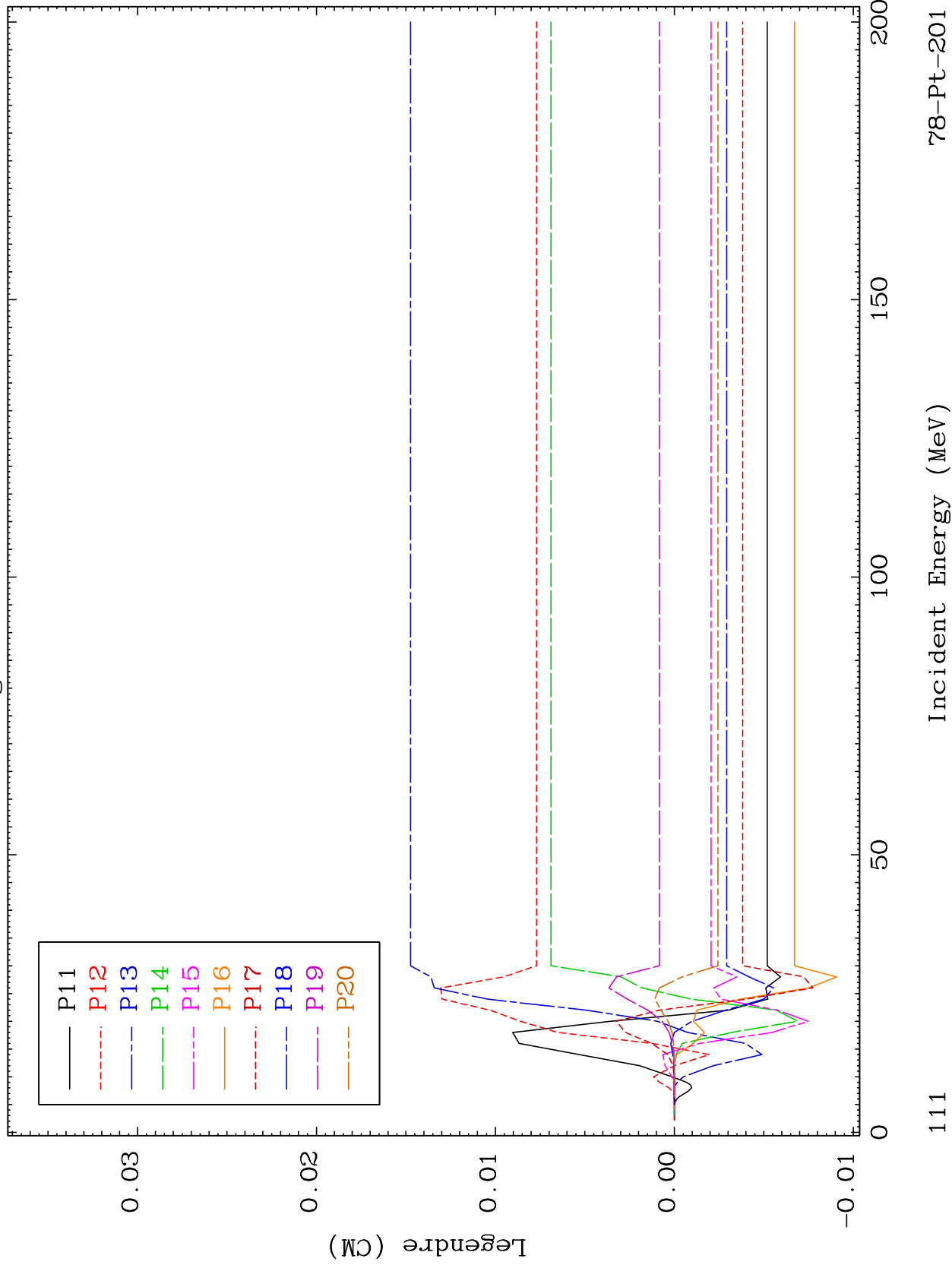




MAT 7858

1.487 MeV (n, n') Level
Legendre Coefficients

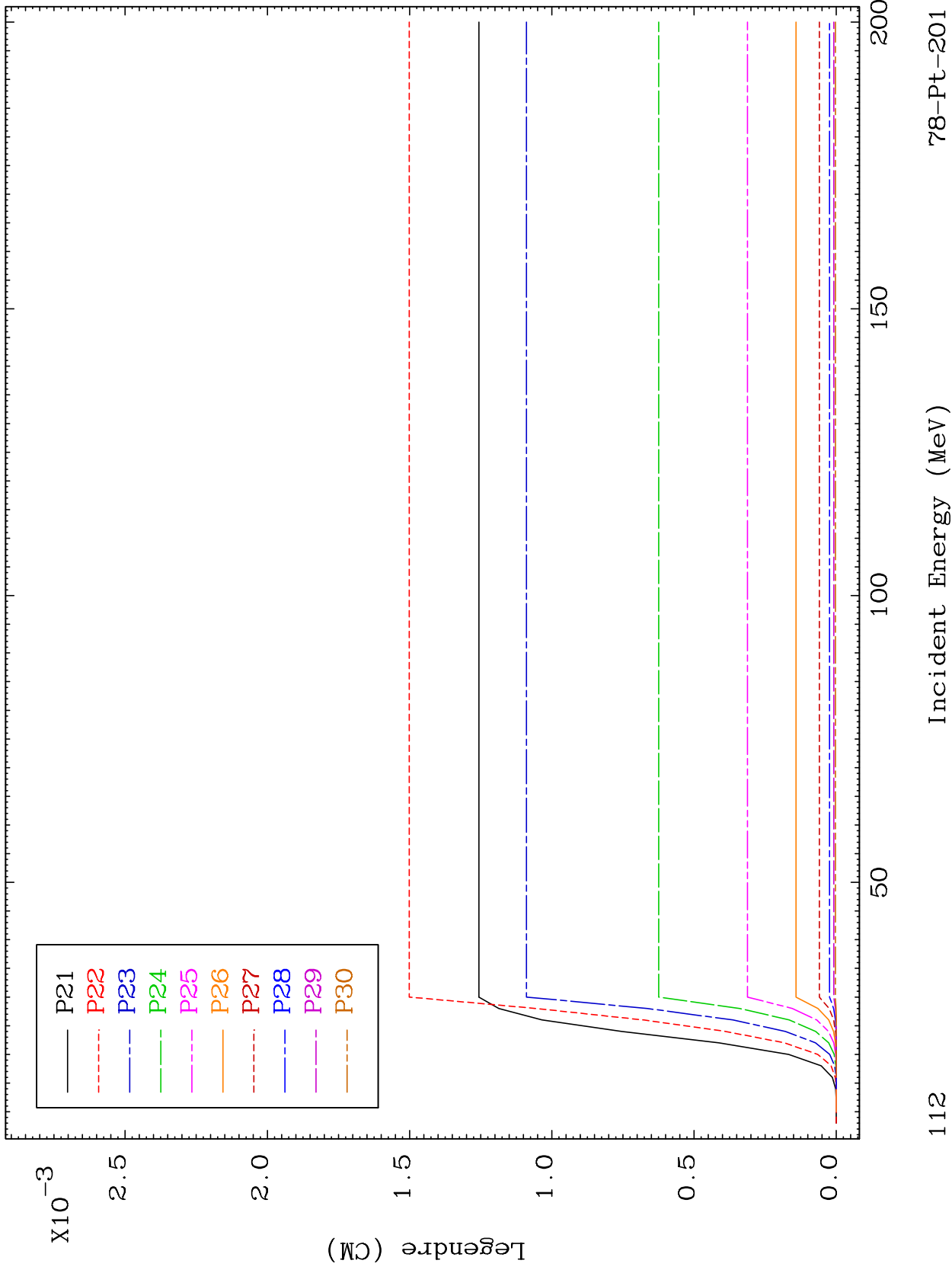
78-Pt-201

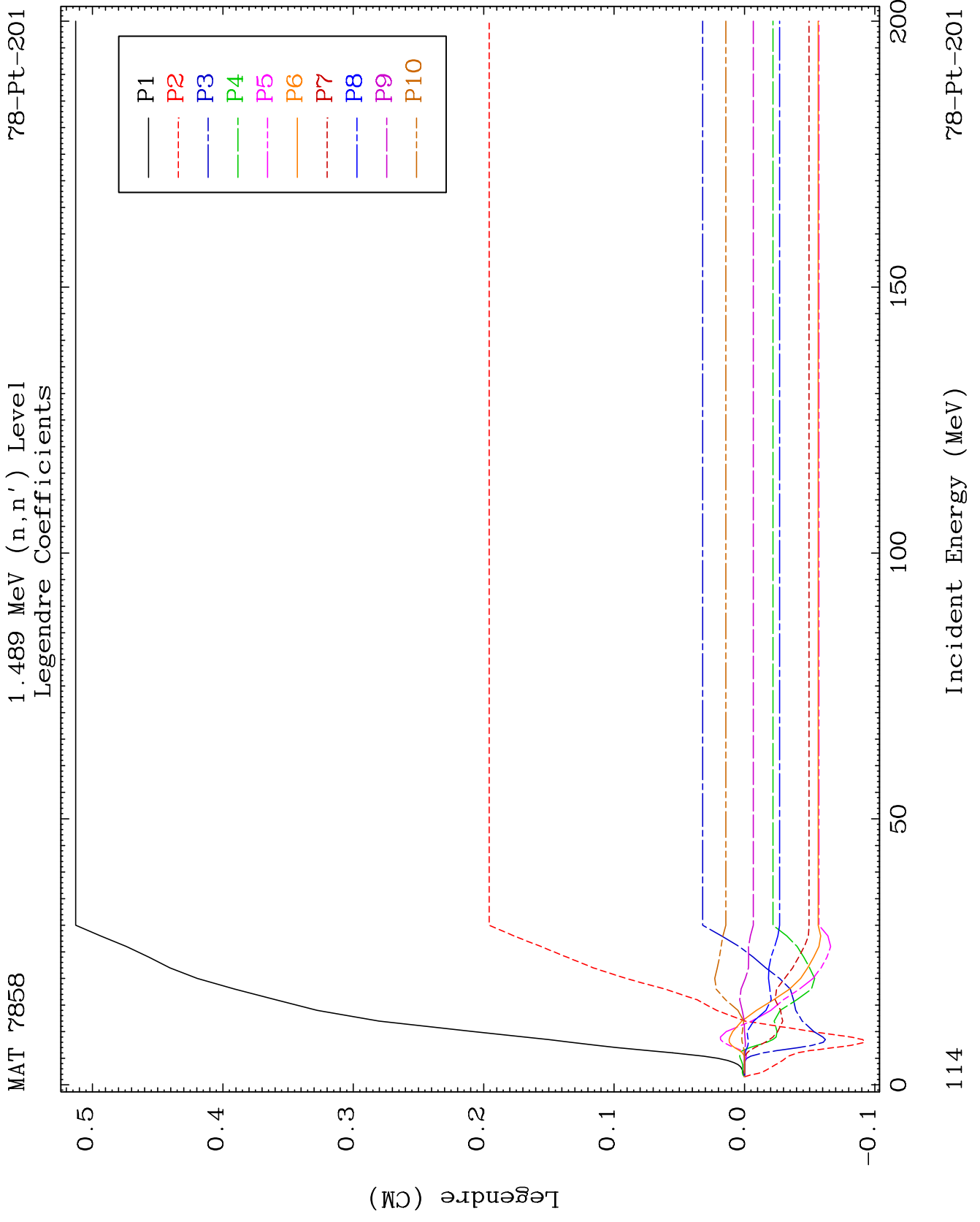


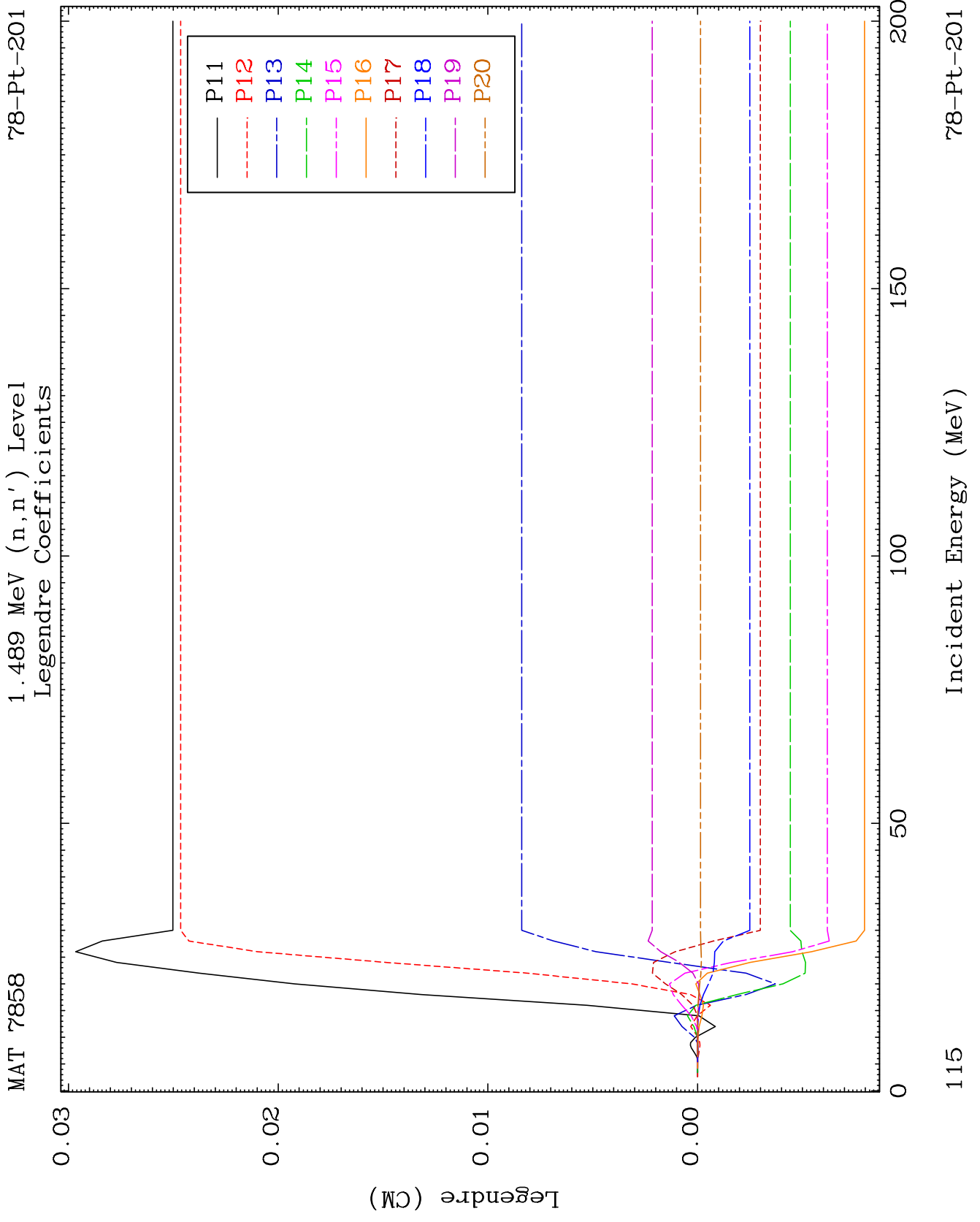
111

Incident Energy (MeV)

78-Pt-201



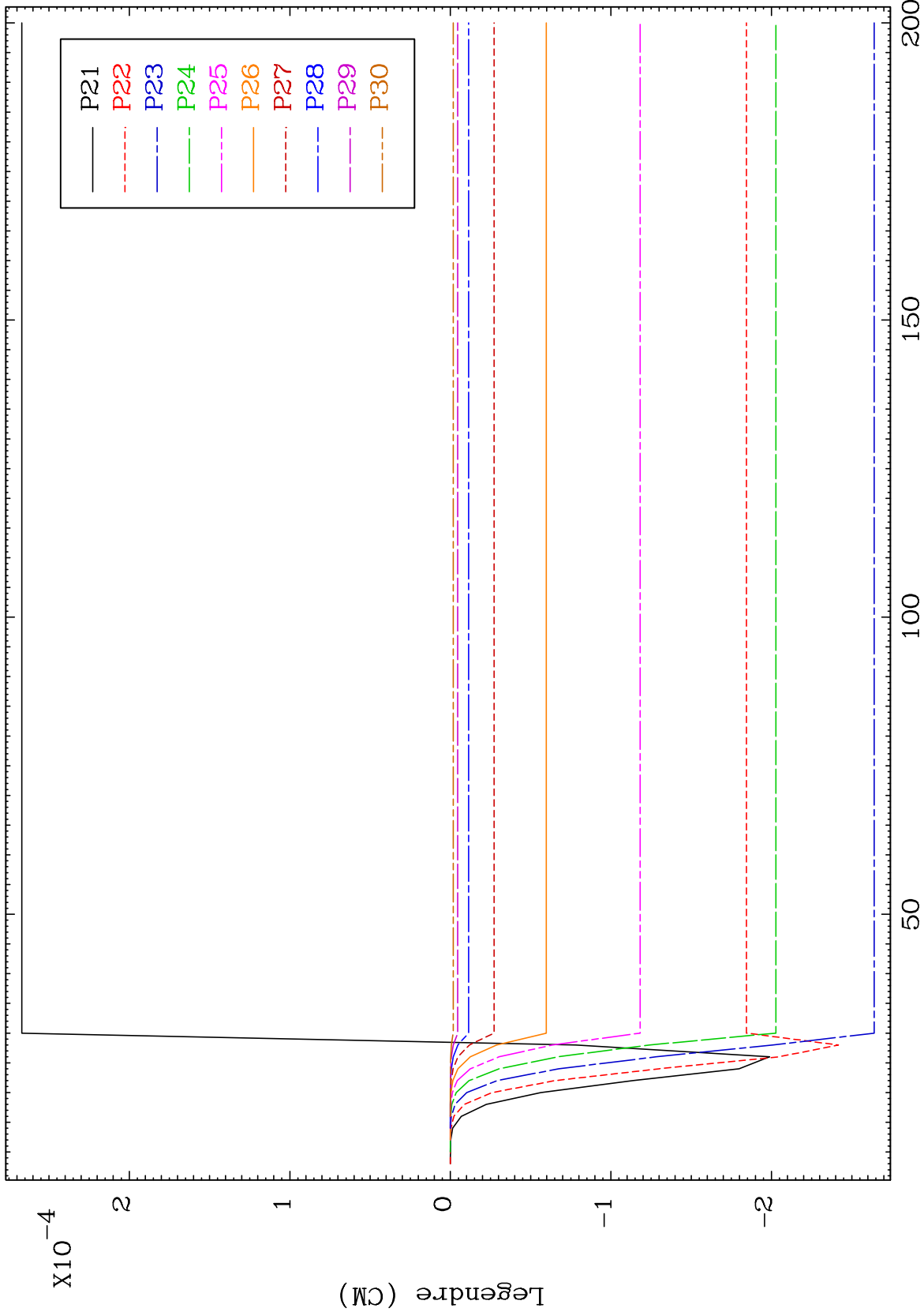




MAT 7858

1.489 MeV (n,n') Level
Legendre Coefficients

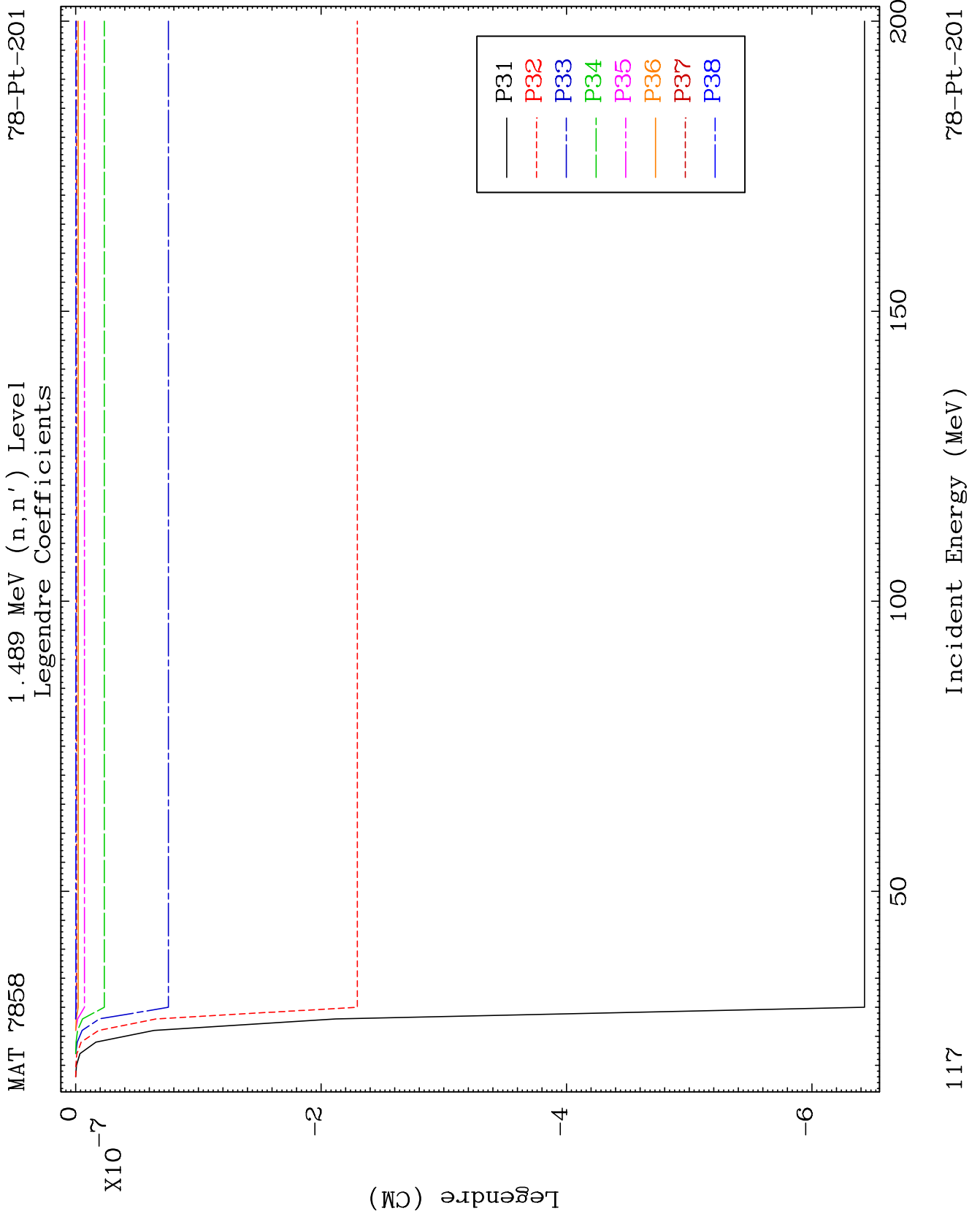
78-Pt-201



116

Incident Energy (MeV)

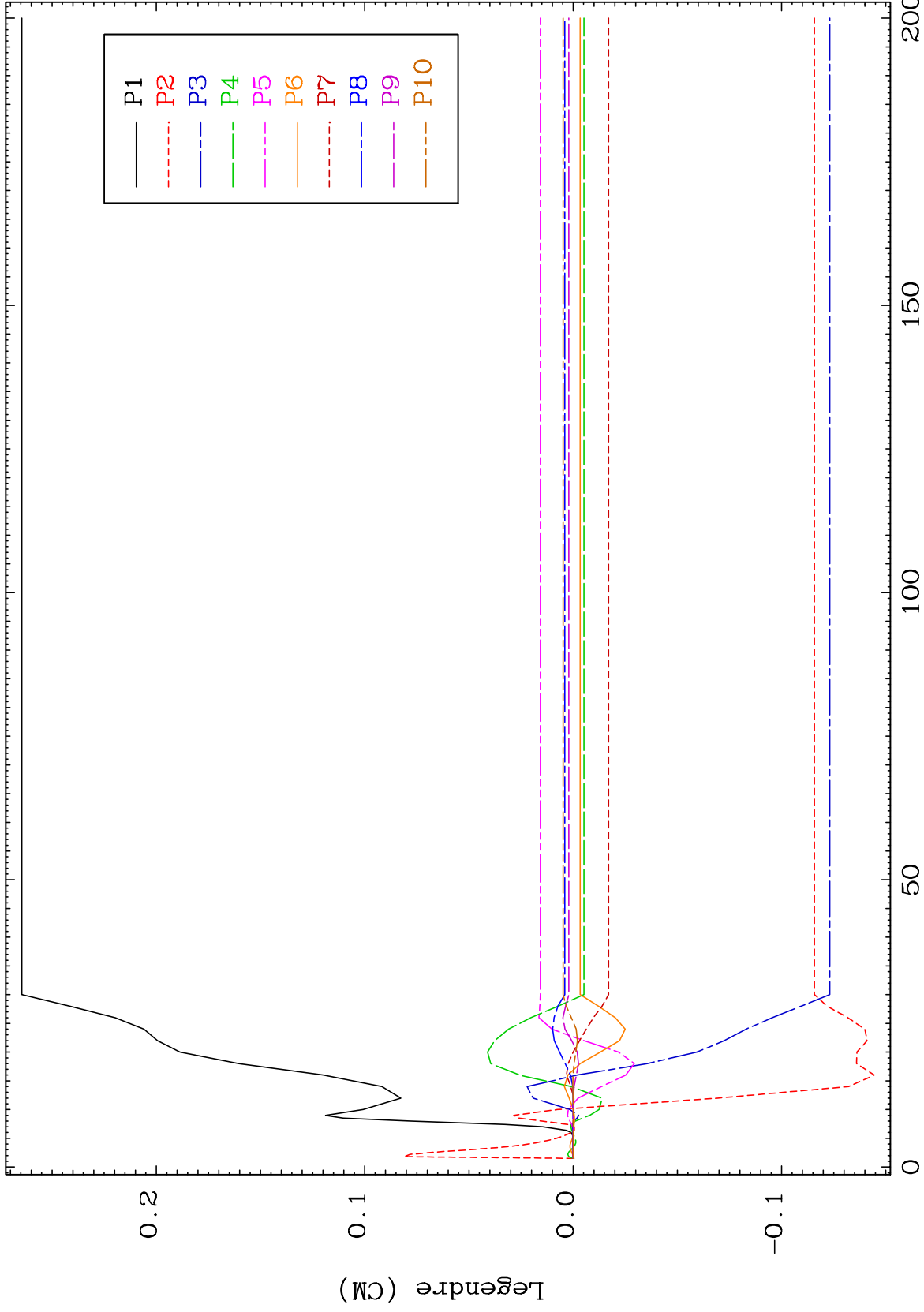
78-Pt-201



MAT 7858

1.490 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



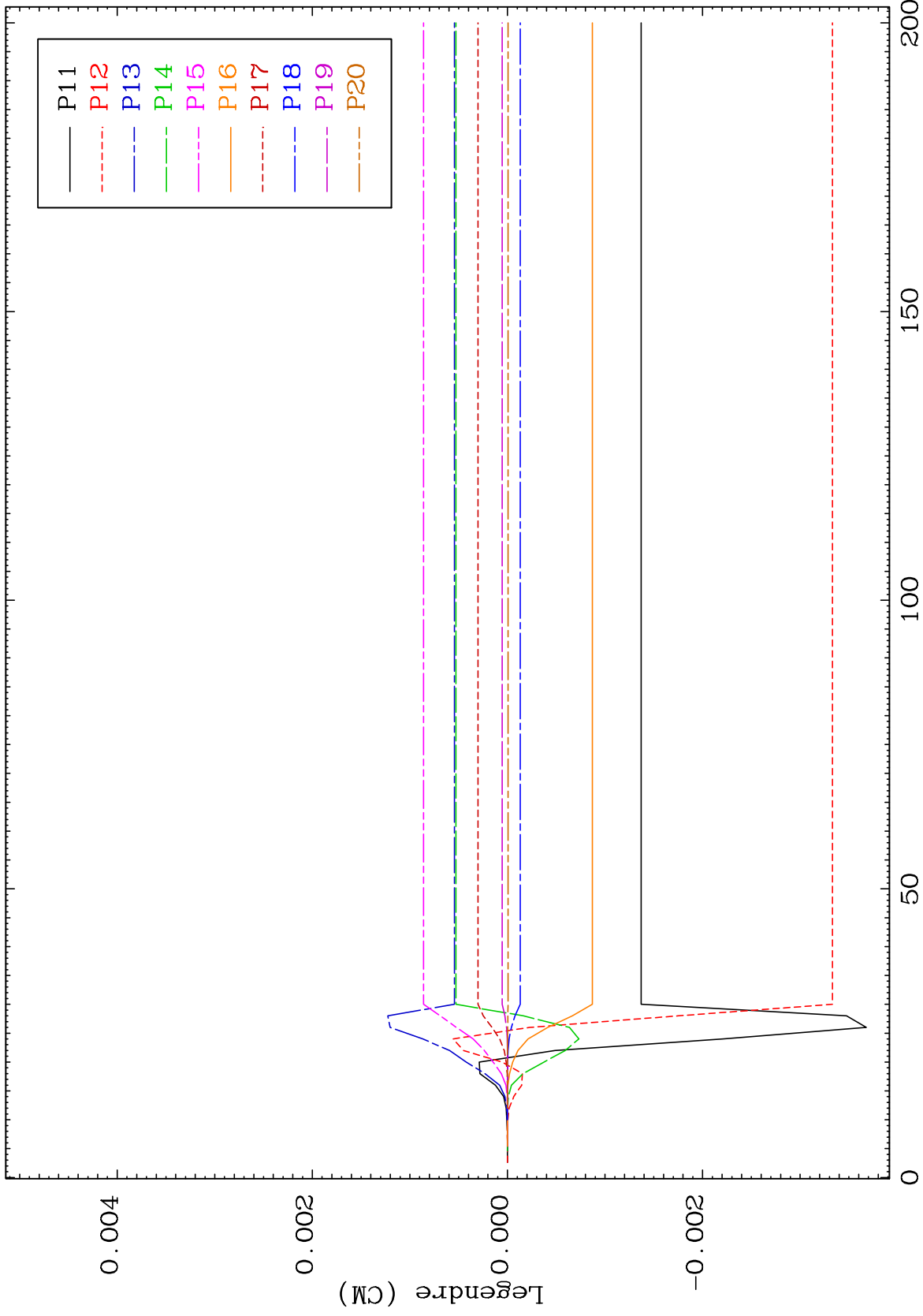
118

78-Pt-201

MAT 7858

1.490 MeV (n,n') Level
Legendre Coefficients

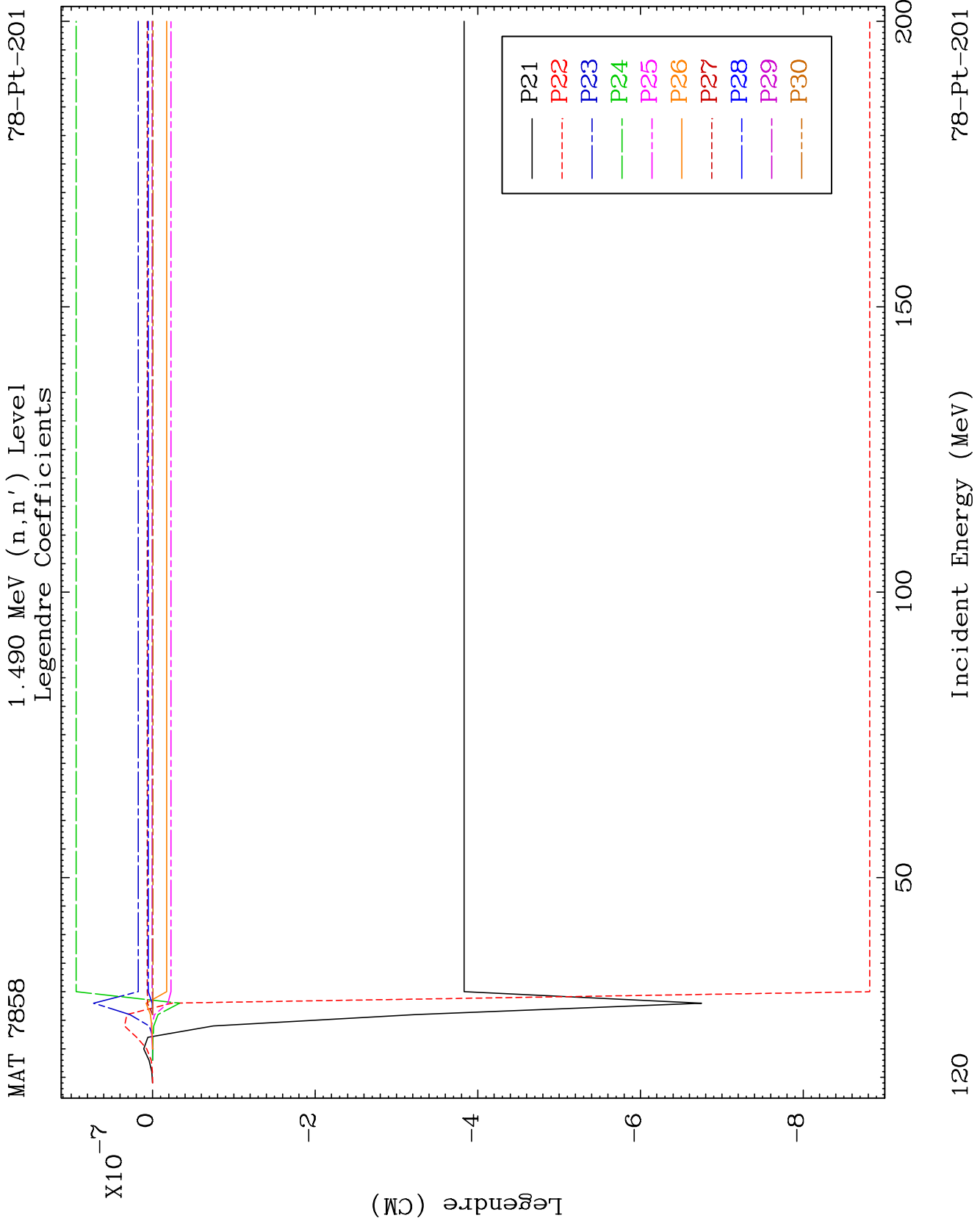
78-Pt-201

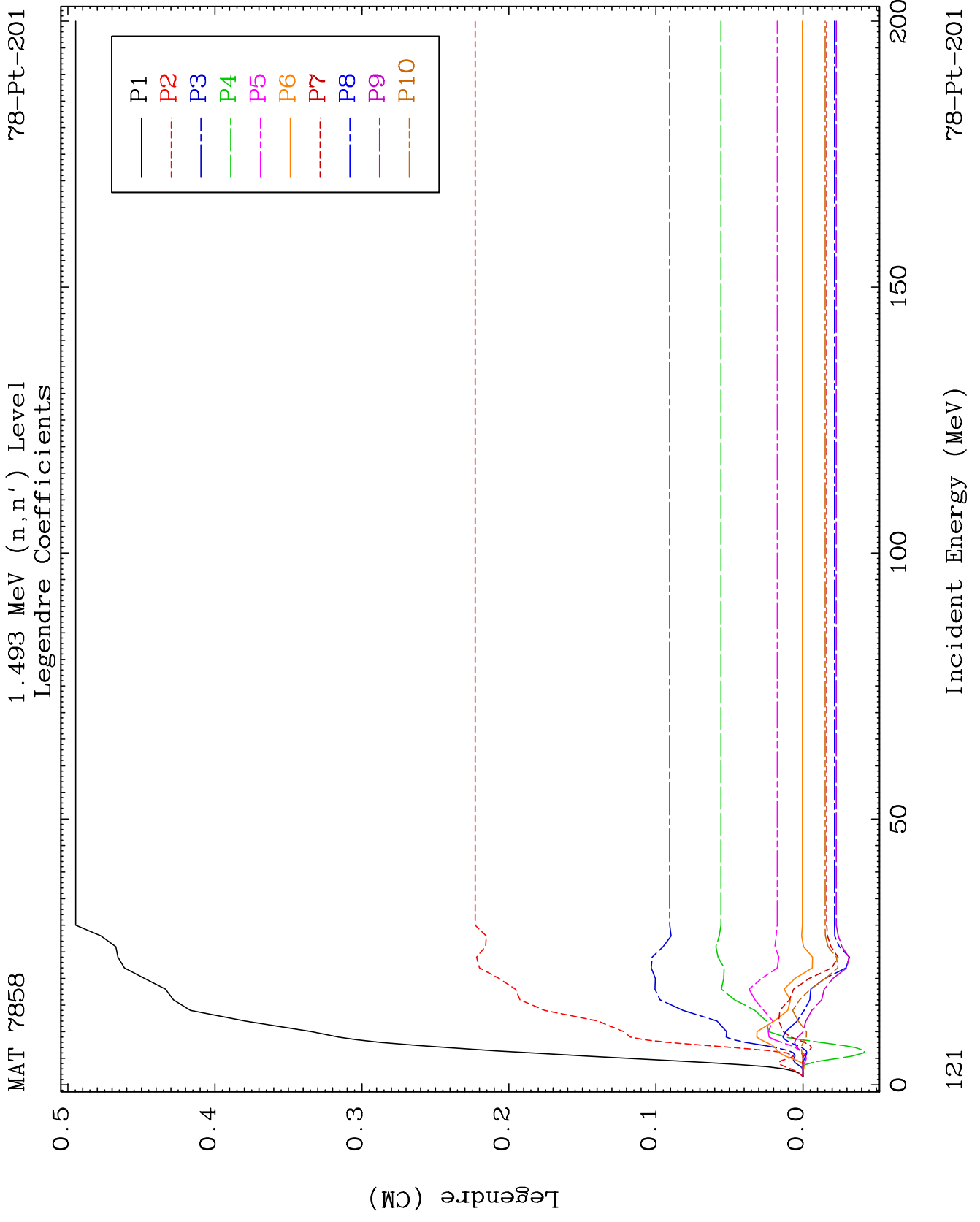


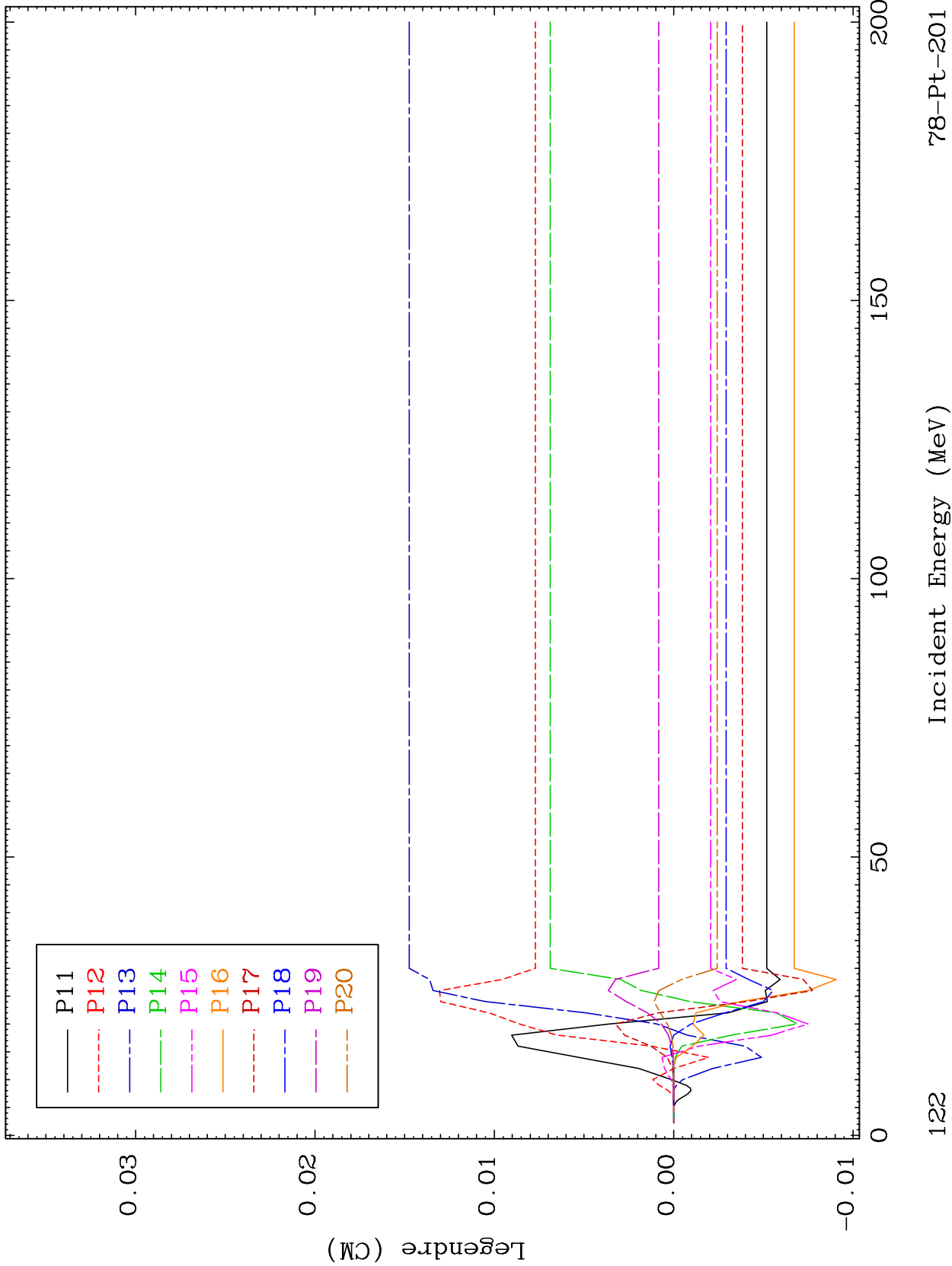
119

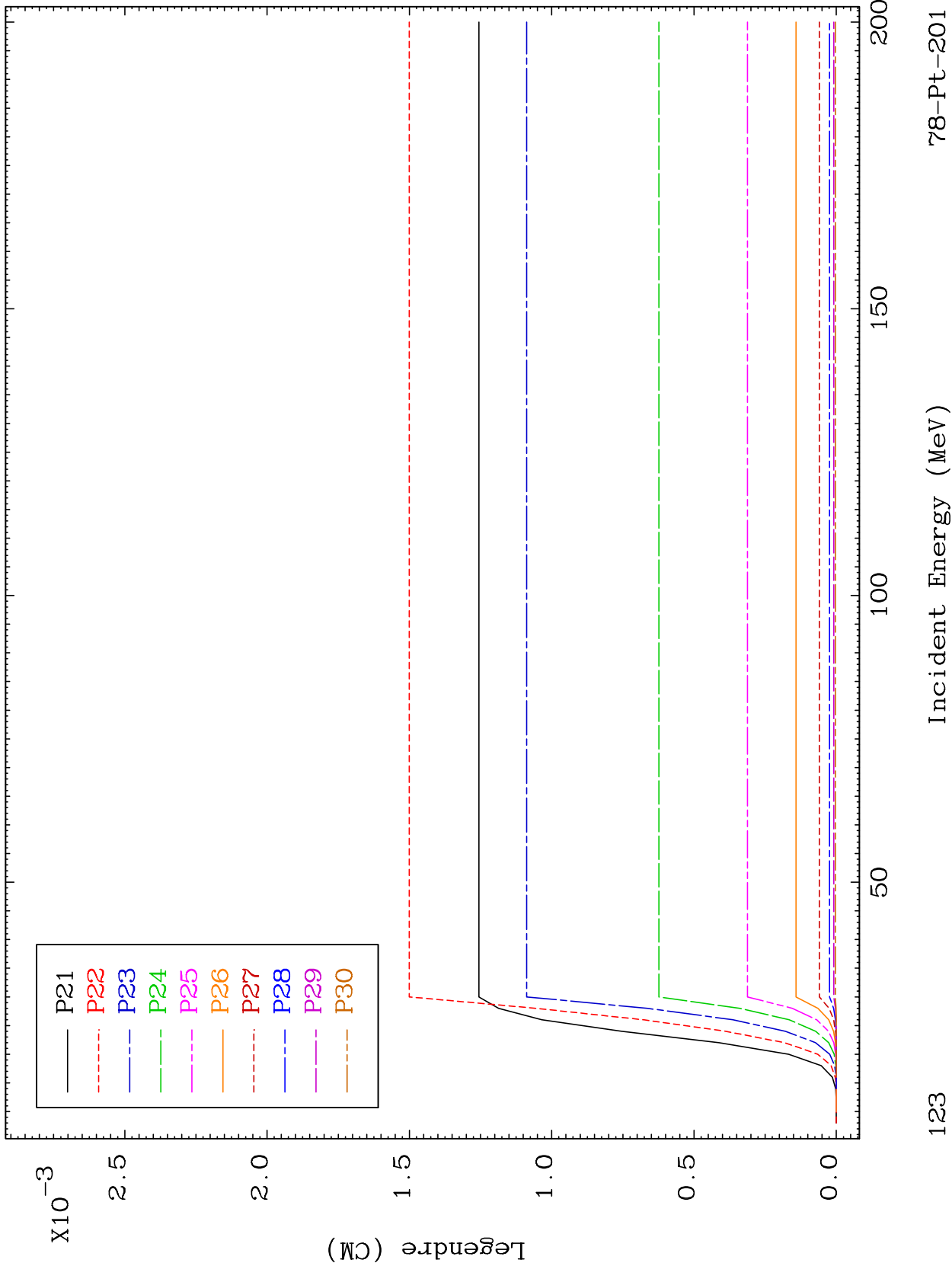
Incident Energy (MeV)

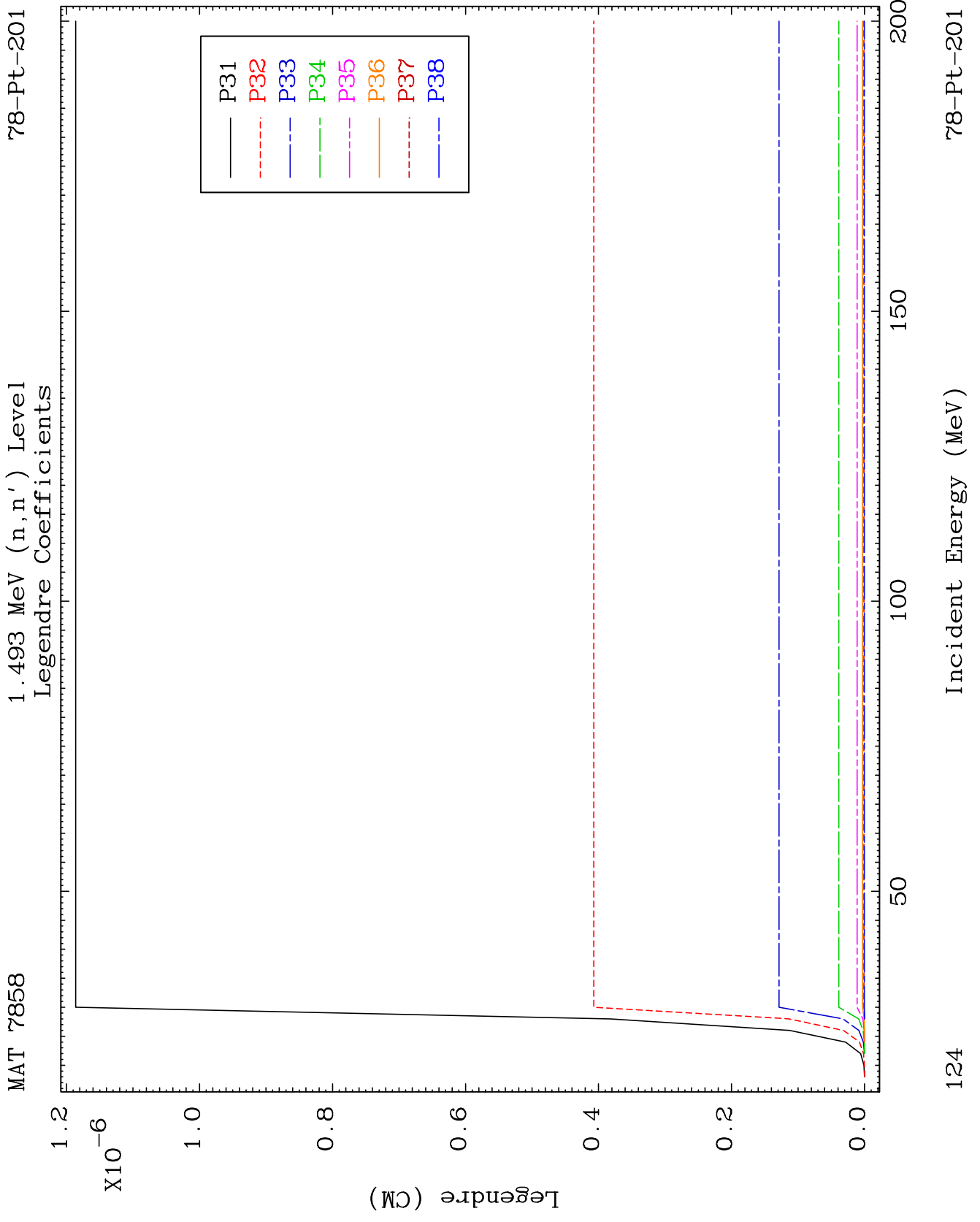
78-Pt-201

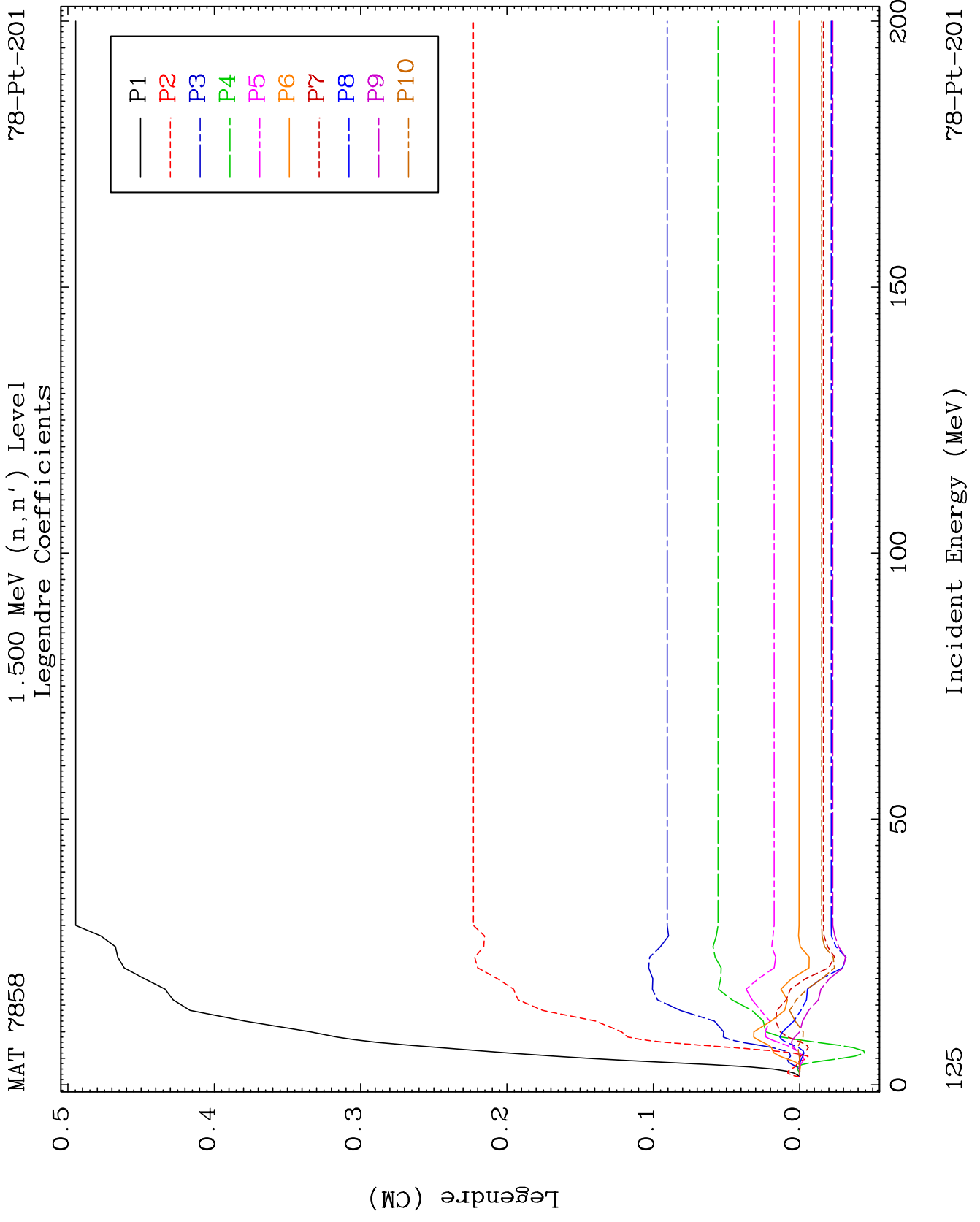








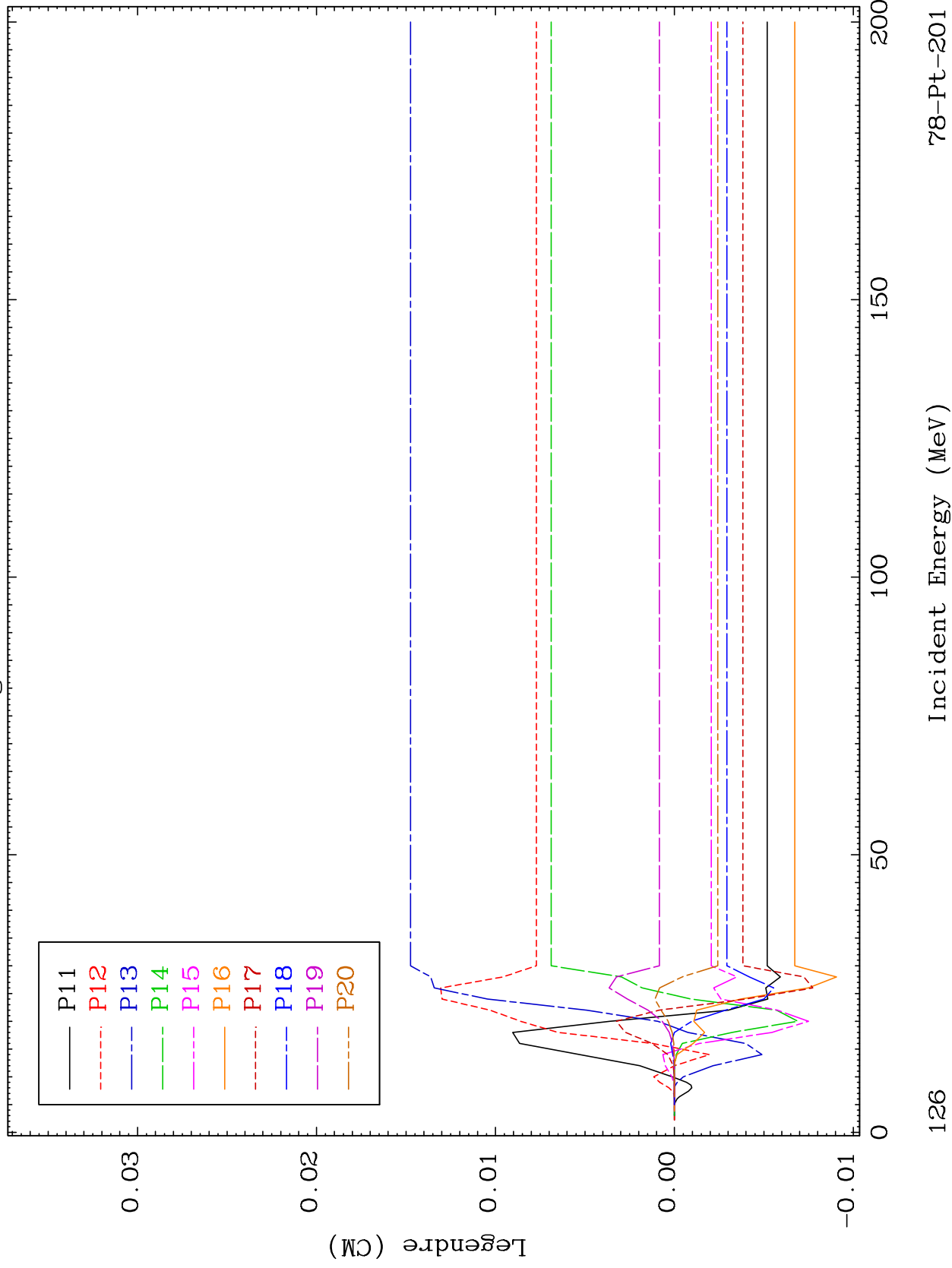




MAT 7858

1.500 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



126

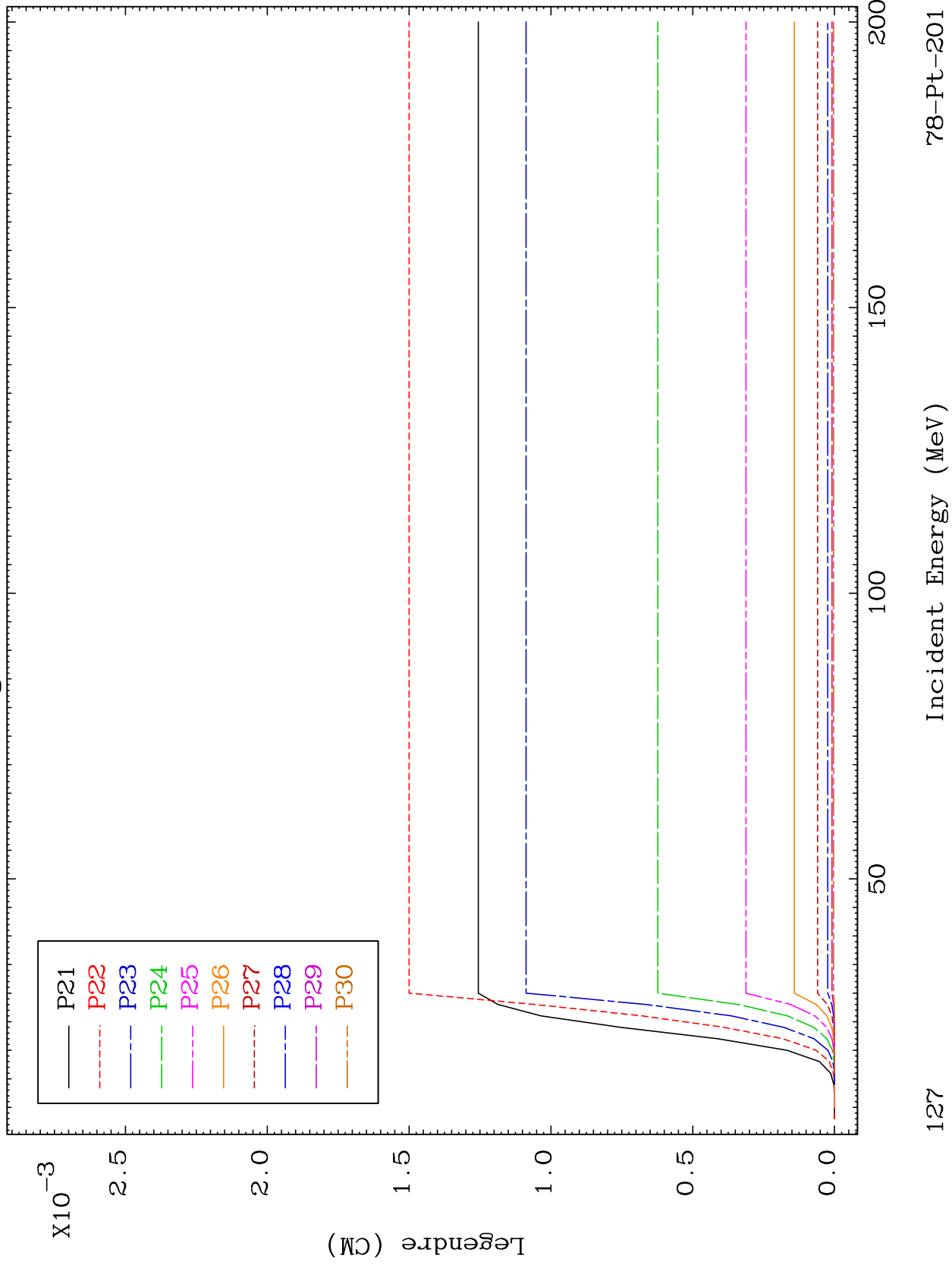
Incident Energy (MeV)

78-Pt-201

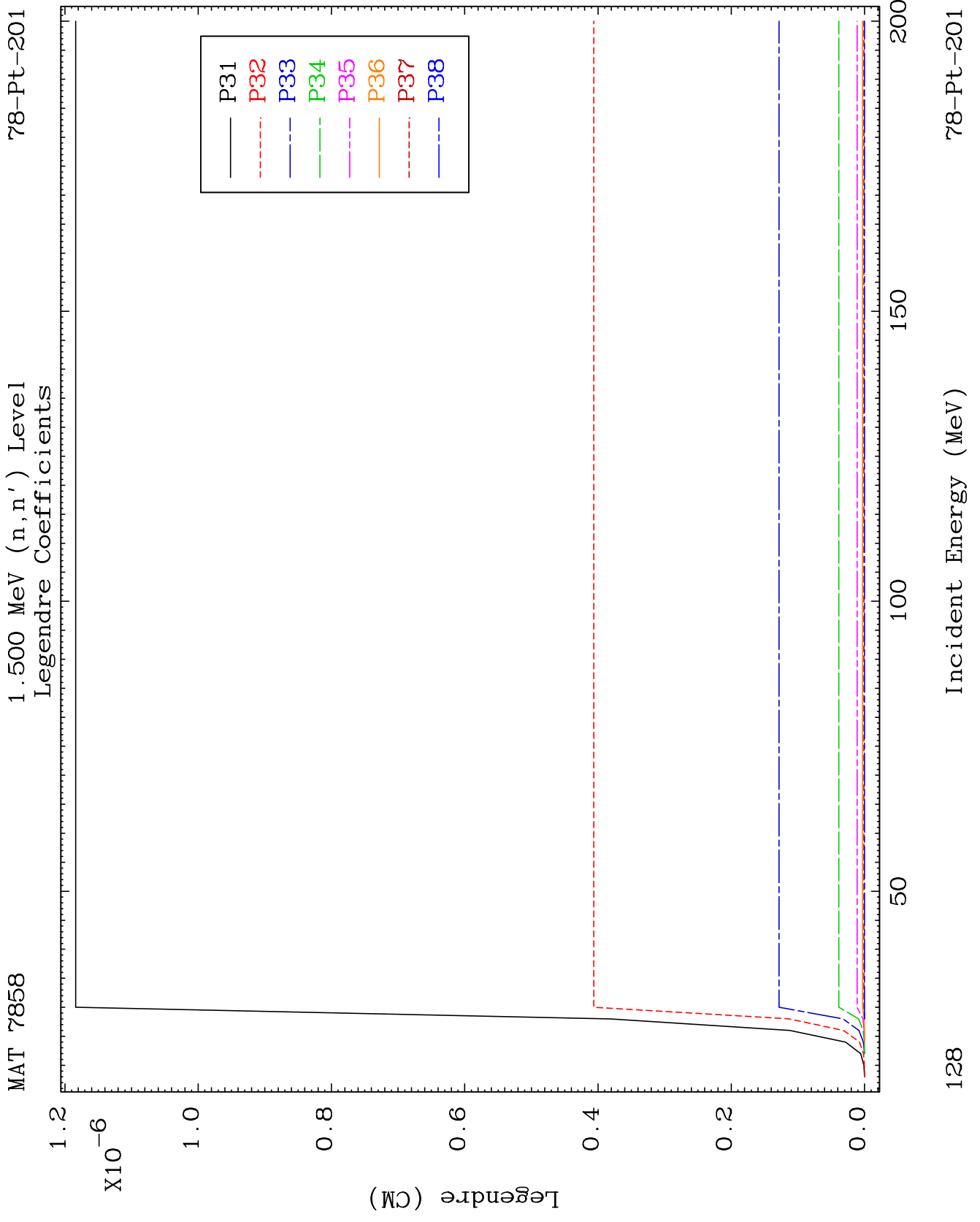
MAT 7858

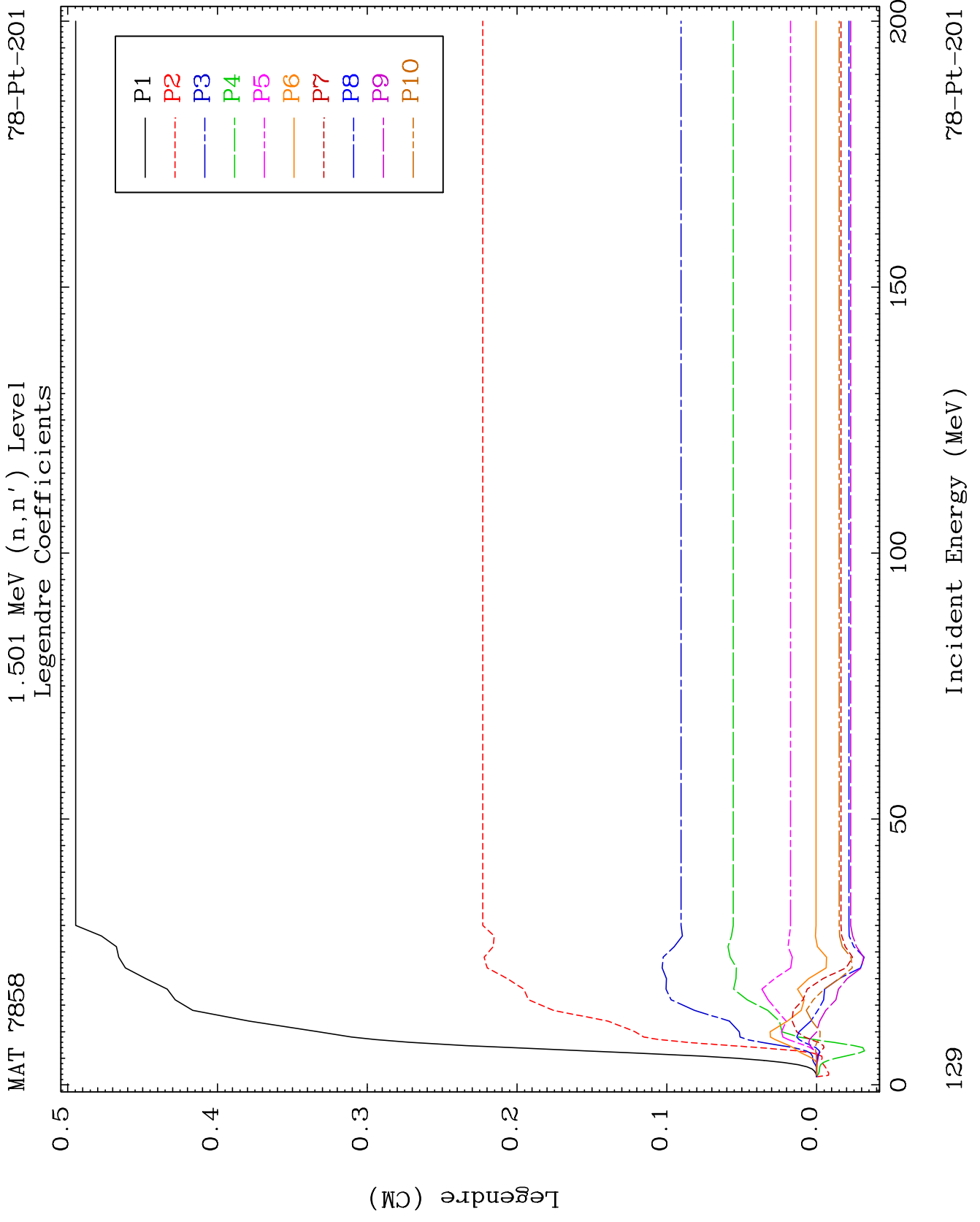
1.500 MeV (n,n') Level
Legendre Coefficients

78-Pt-201



127

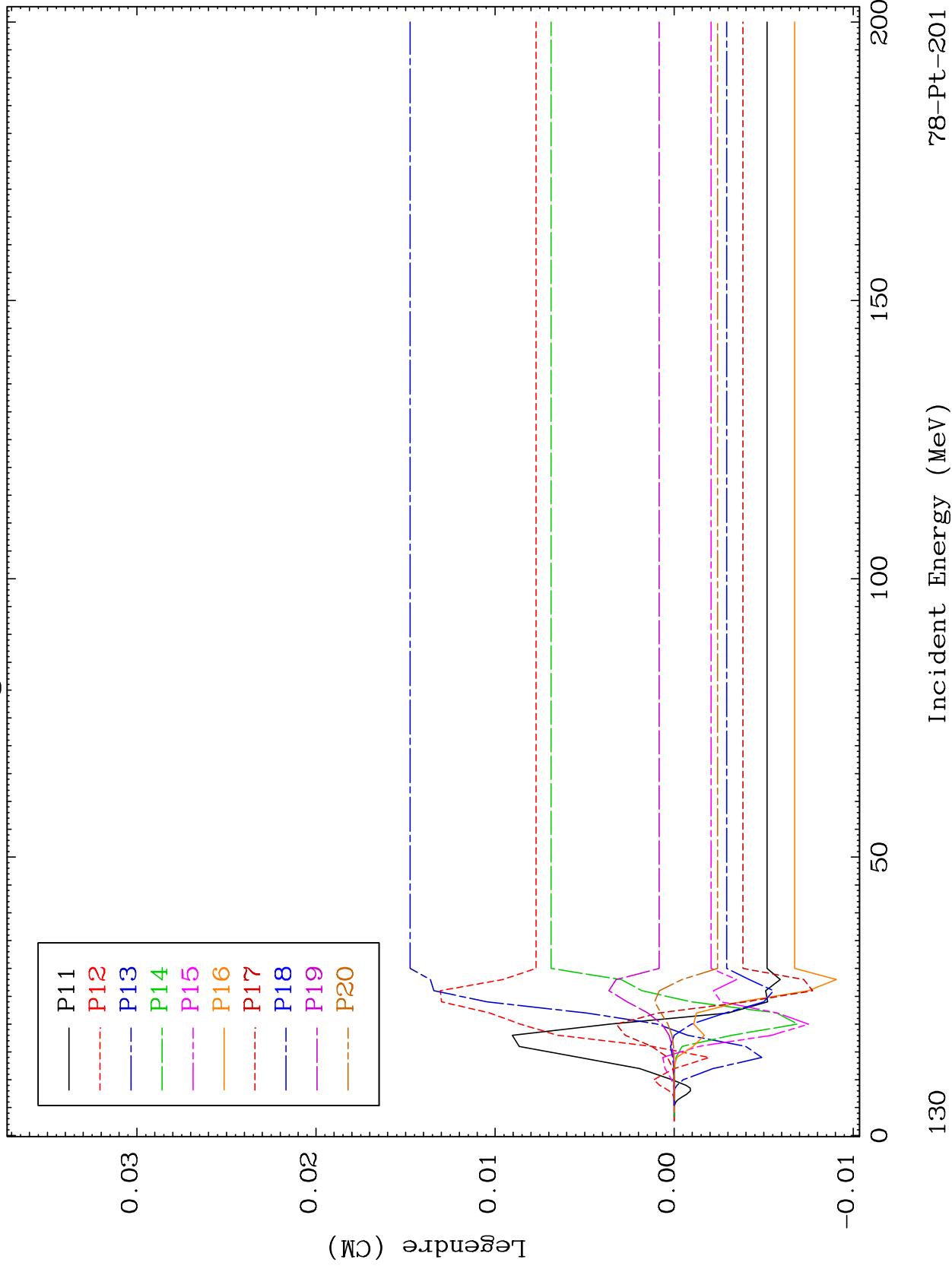




MAT 7858

1.501 MeV (n,n') Level
Legendre Coefficients

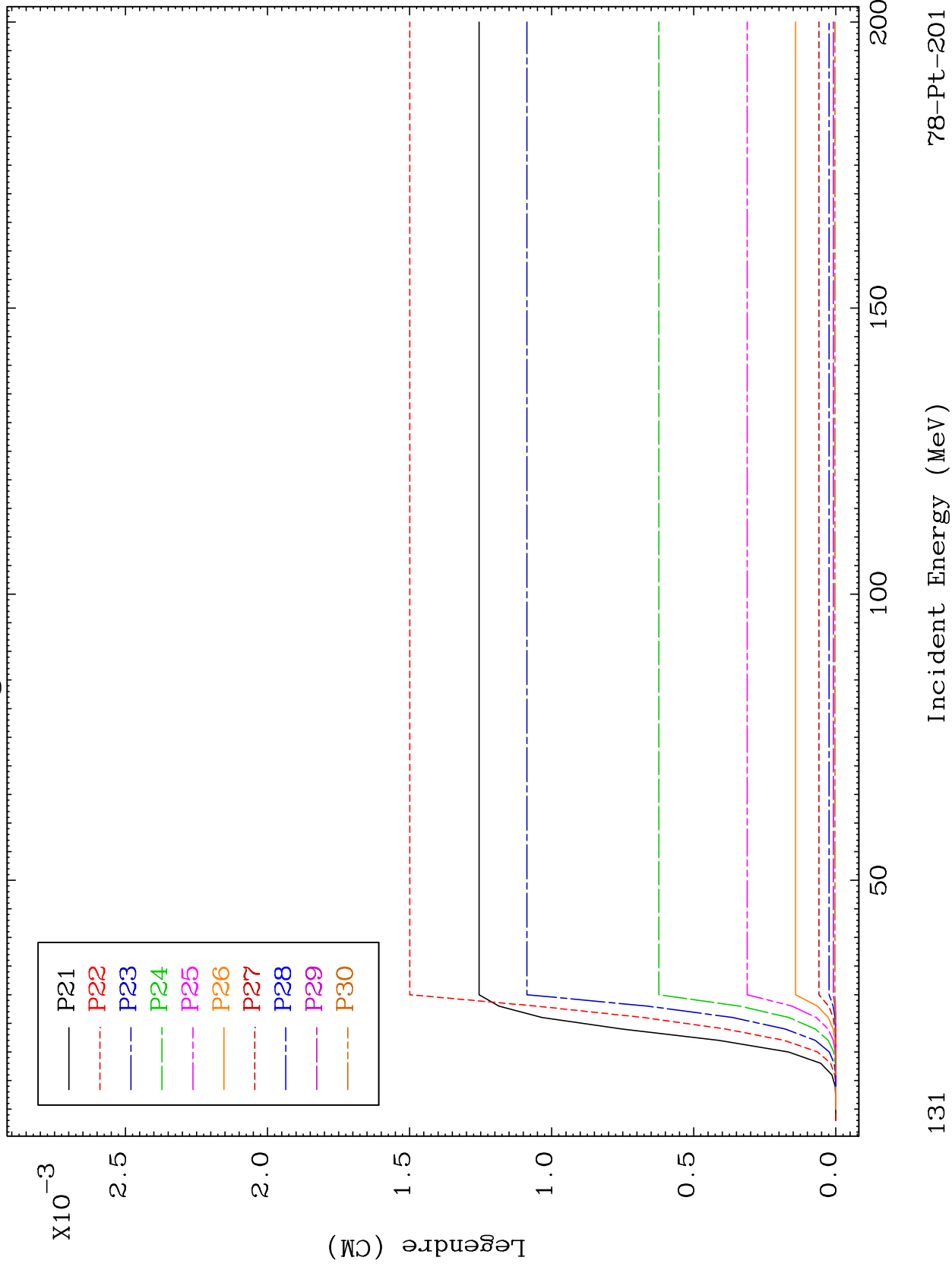
78-Pt-201



MAT 7858

1.501 MeV (n,n') Level
Legendre Coefficients

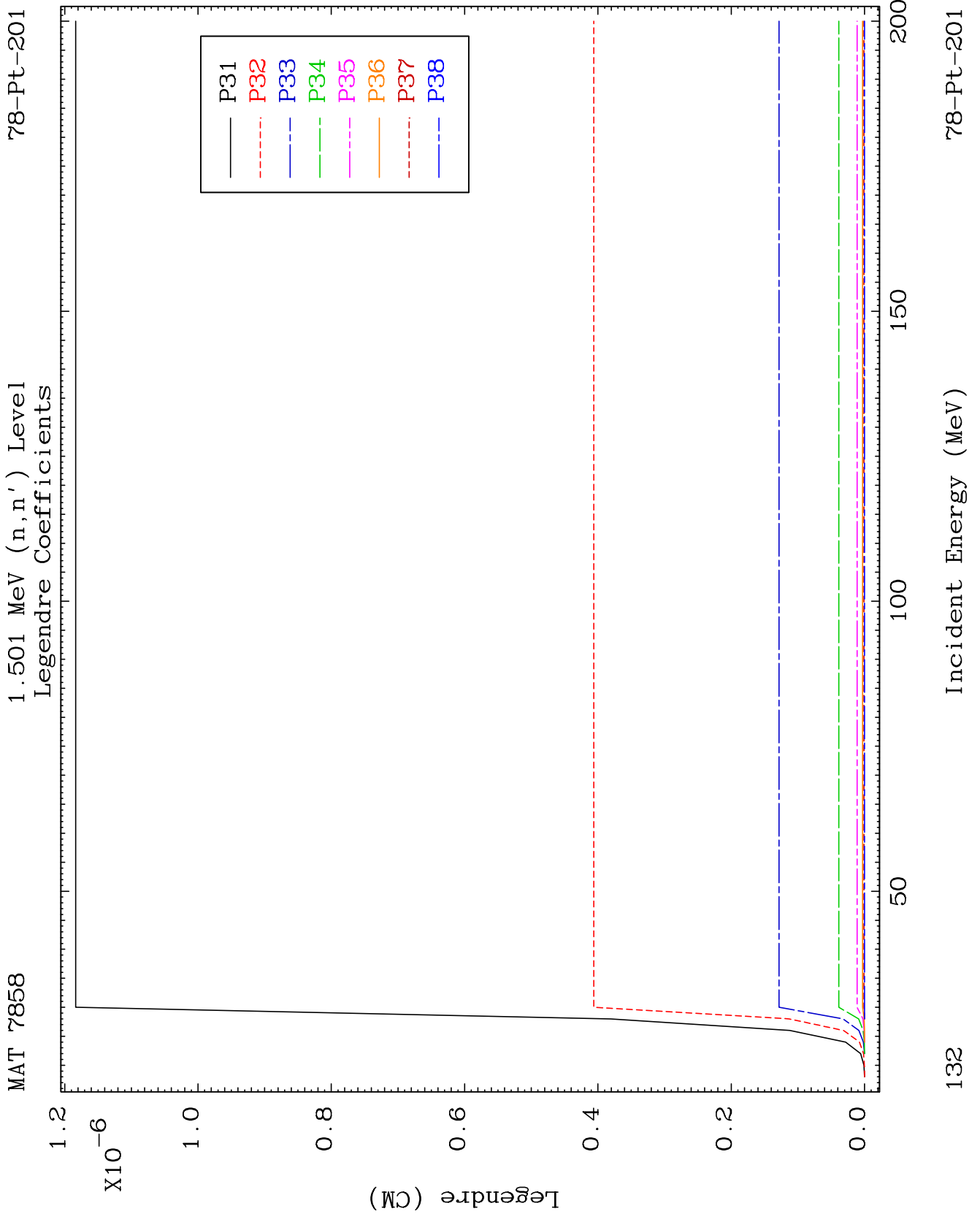
78-Pt-201

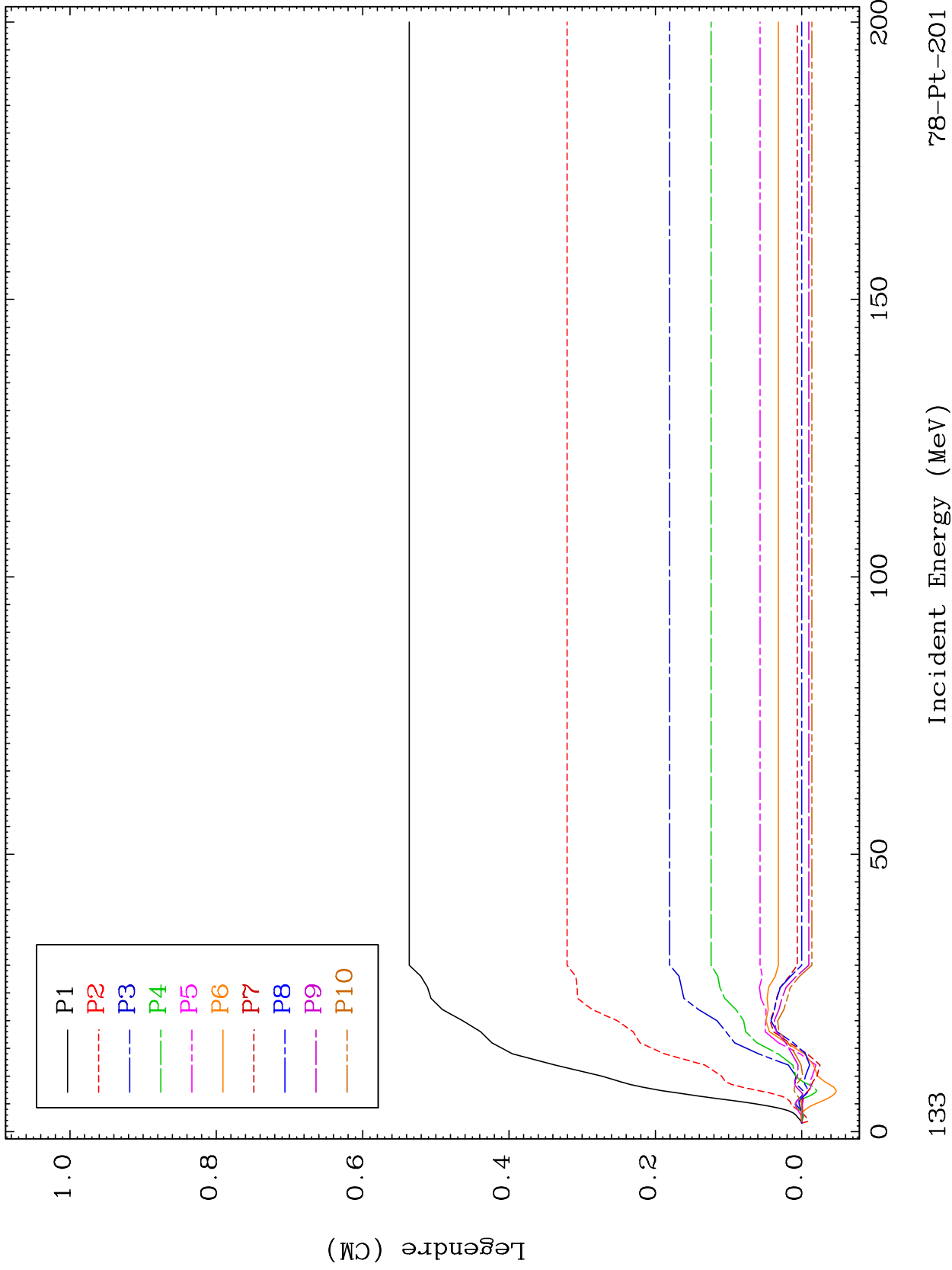


131

Incident Energy (MeV)

78-Pt-201

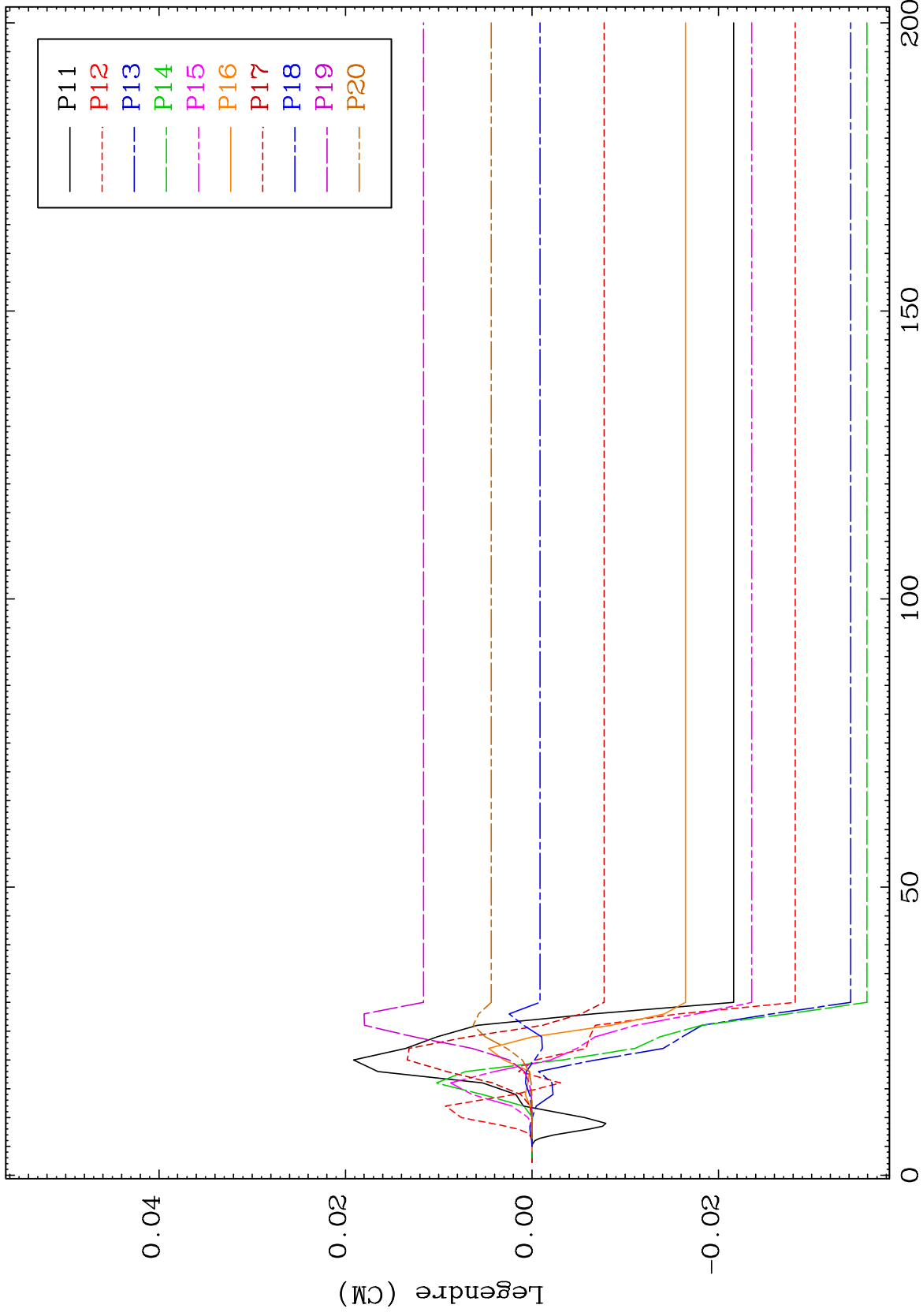




MAT 7858

1.502 MeV (n,n') Level Legendre Coefficients

78-Pt-201



134

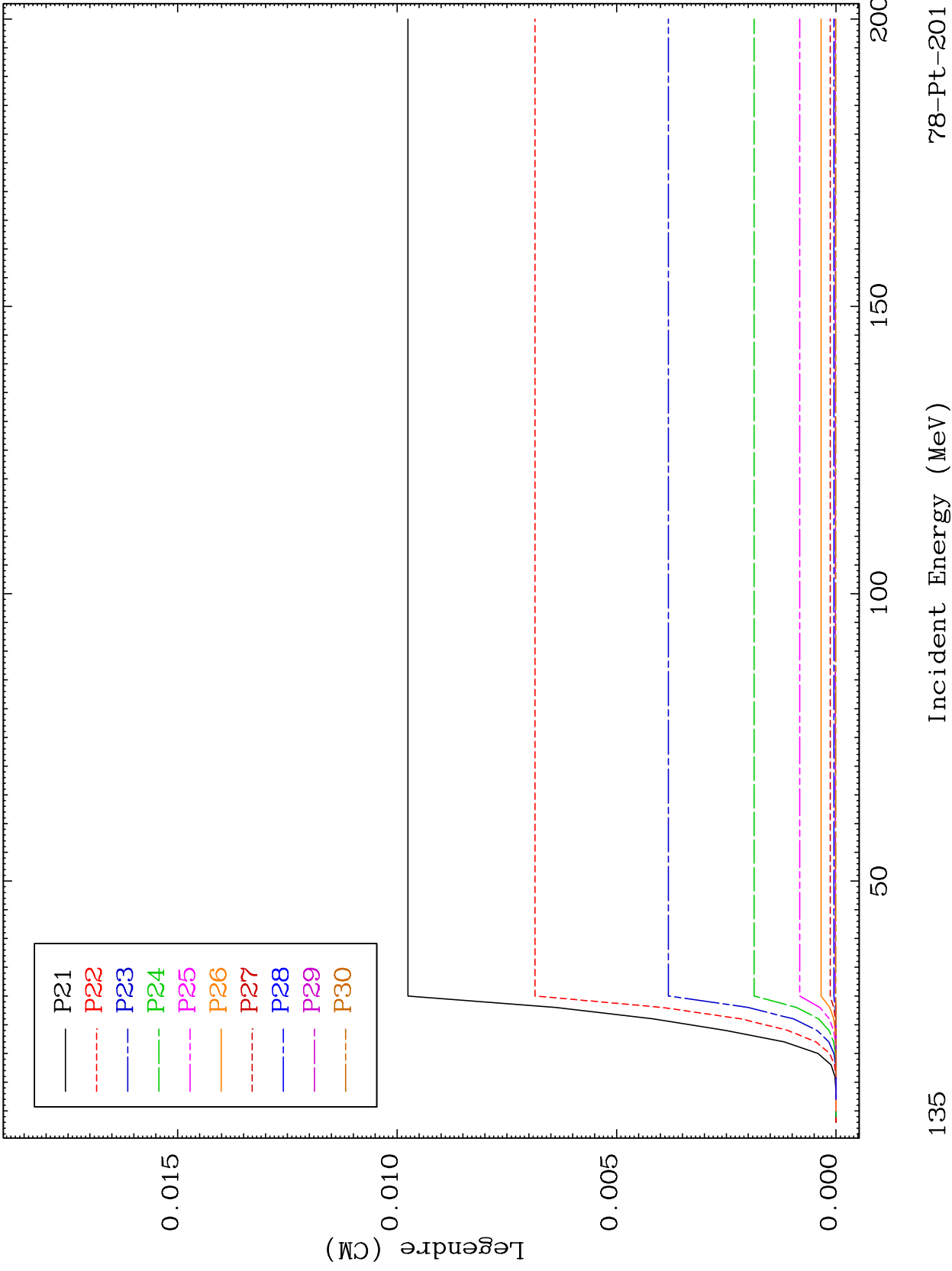
Incident Energy (MeV)

78-Pt-201

MAT 7858

1.502 MeV (n,n') Level
Legendre Coefficients

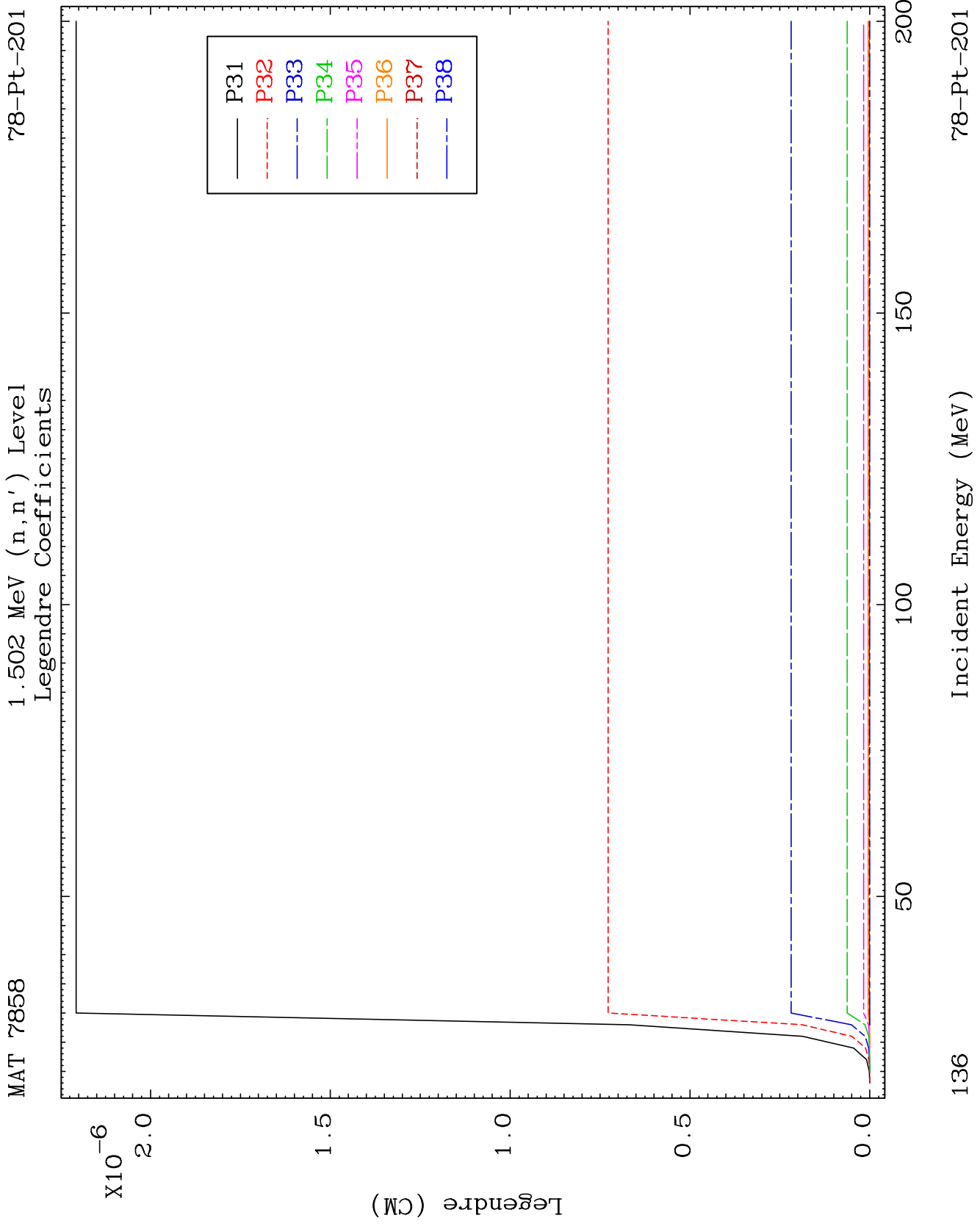
78-Pt-201



135

Incident Energy (MeV)

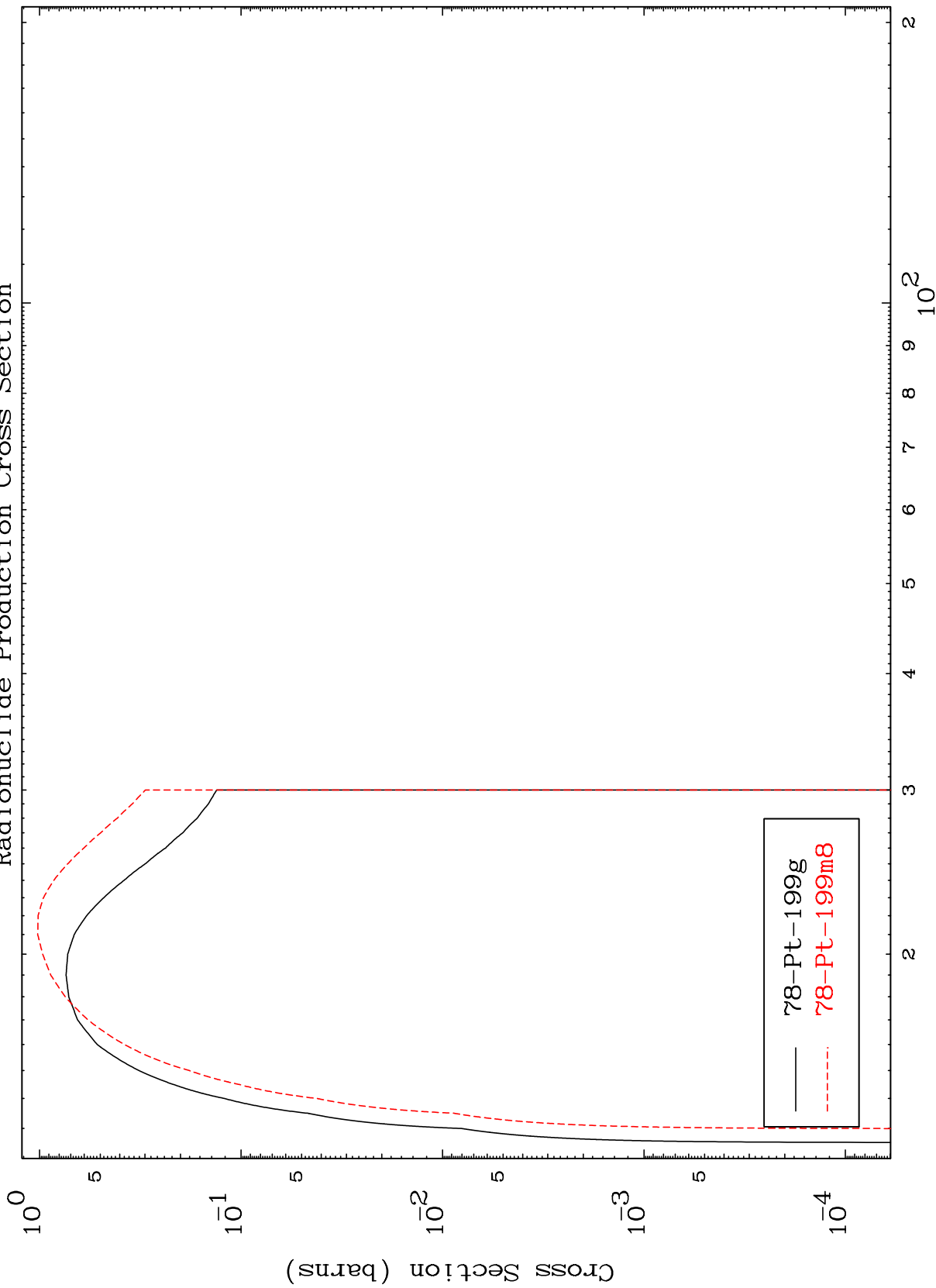
78-Pt-201



MAT 7858

78-Pt-201

(n,3n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

78-Pt-201

MAT 7858

Fission

78-Pt-201

Radionuclide Production Cross Section

