

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

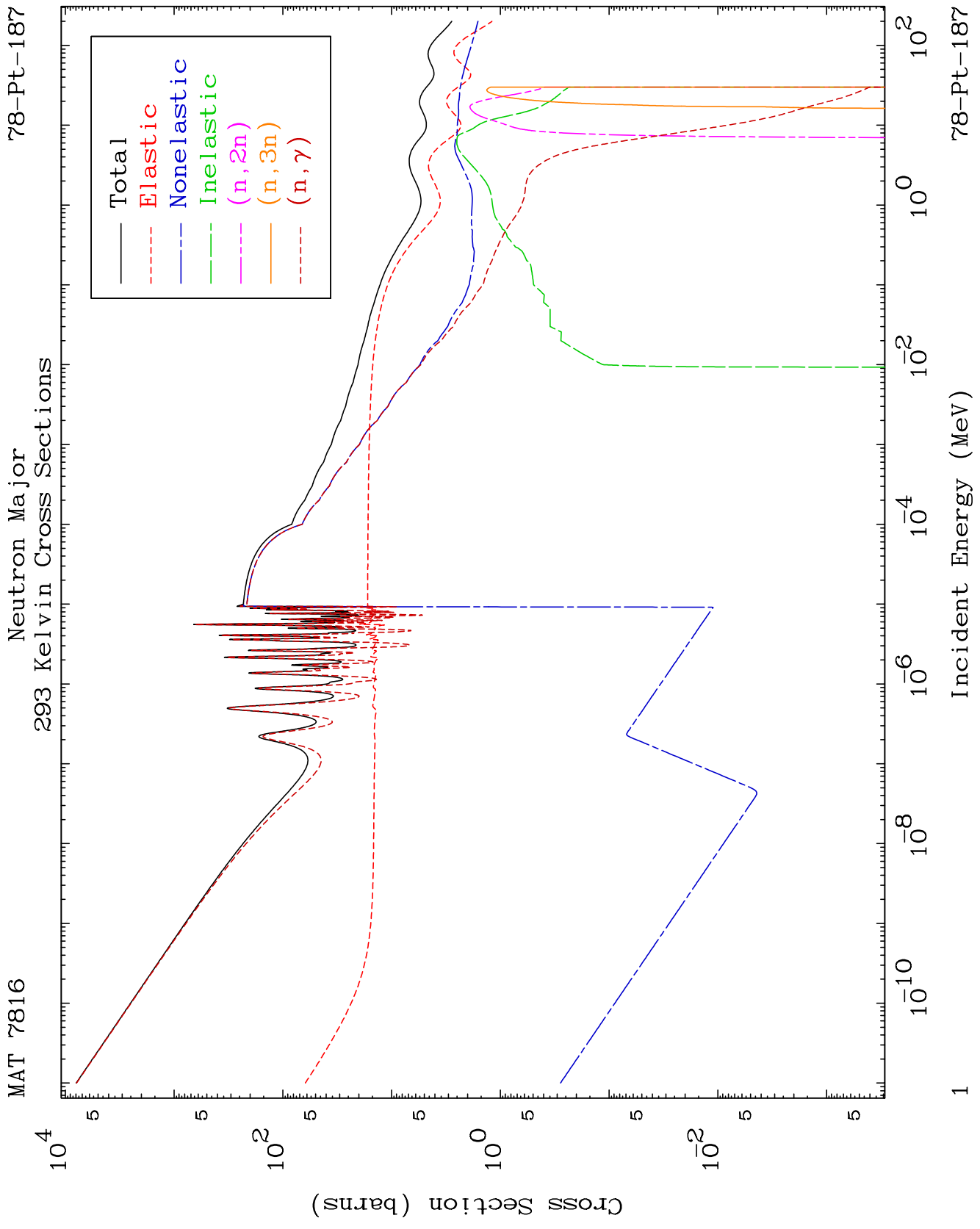
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

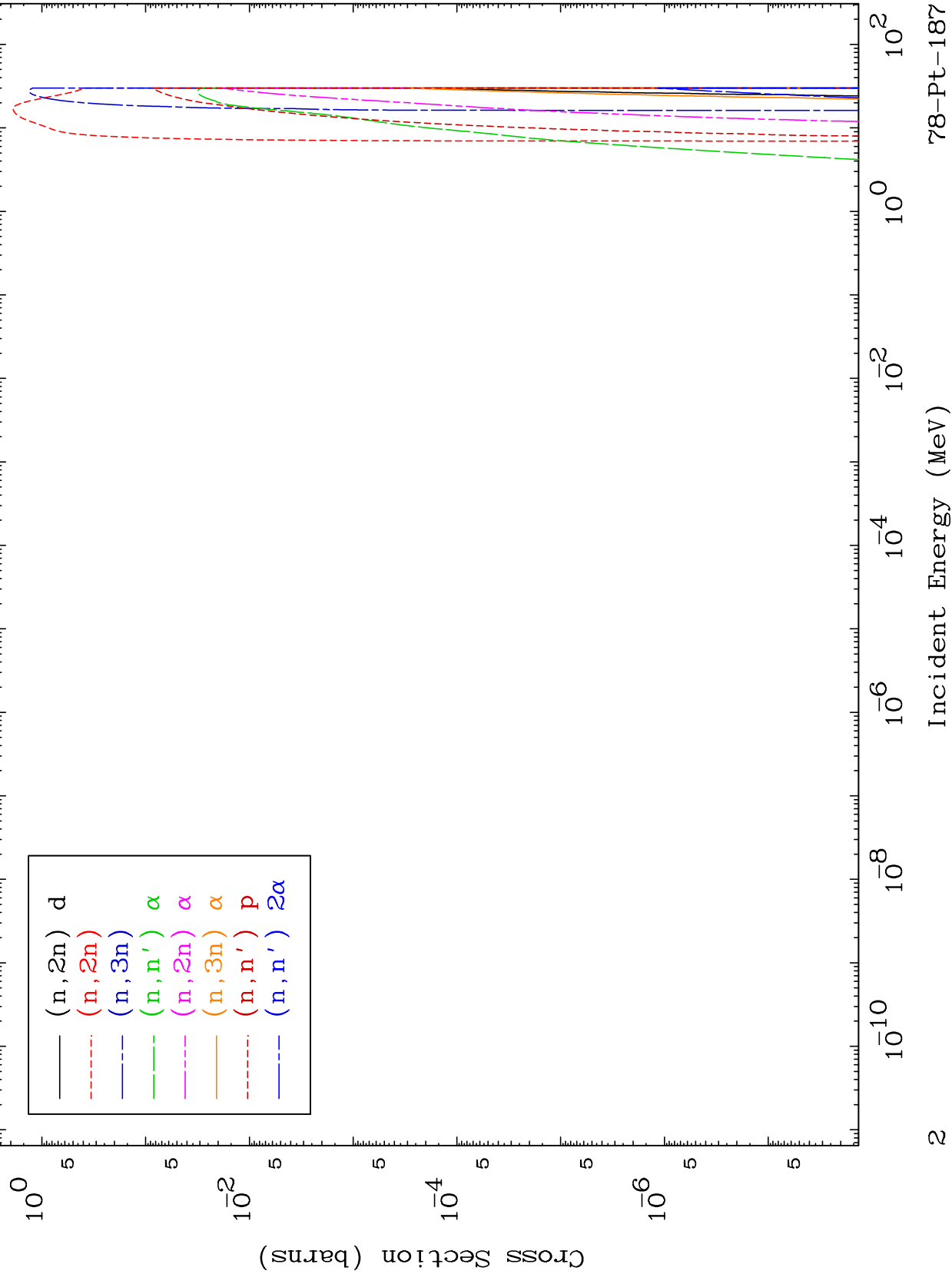
Press Mouse Button to Start



MAT 7816

Neutron Absorption
293 Kelvin Cross Sections

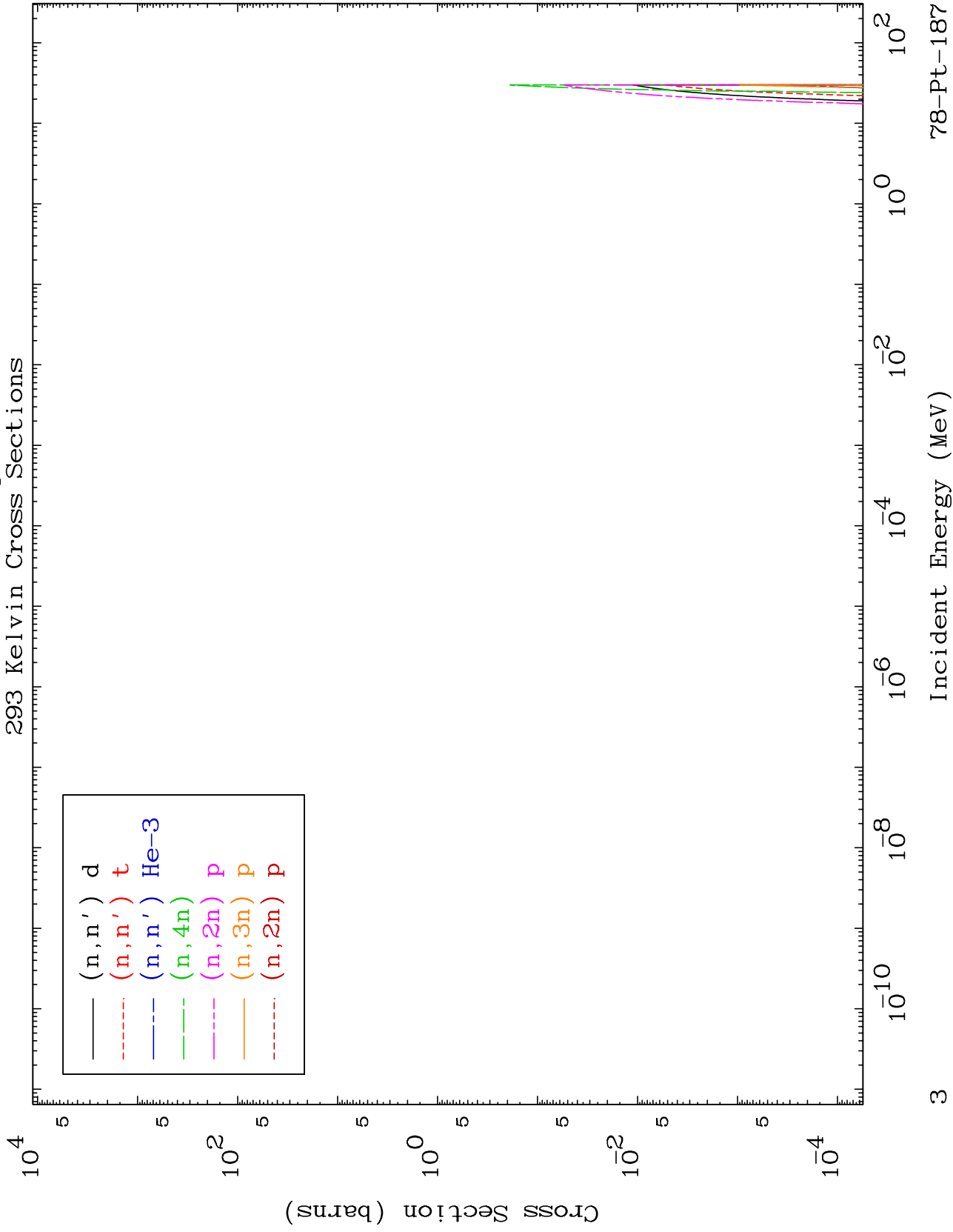
78-Pt-187



MAT 7816

Neutron Absorption
293 Kelvin Cross Sections

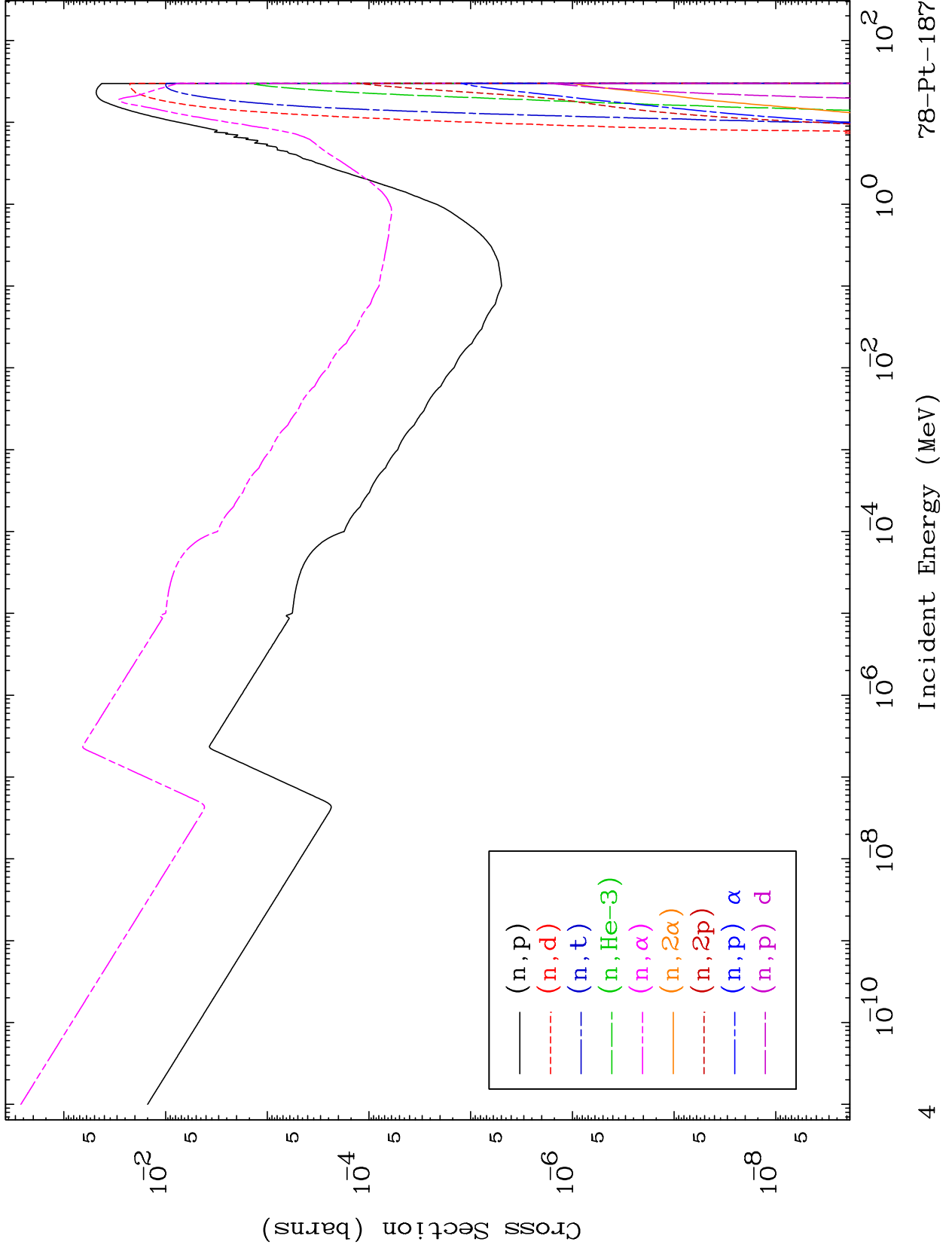
78-Pt-187



MAT 7816

Neutron Absorption
293 Kelvin Cross Sections

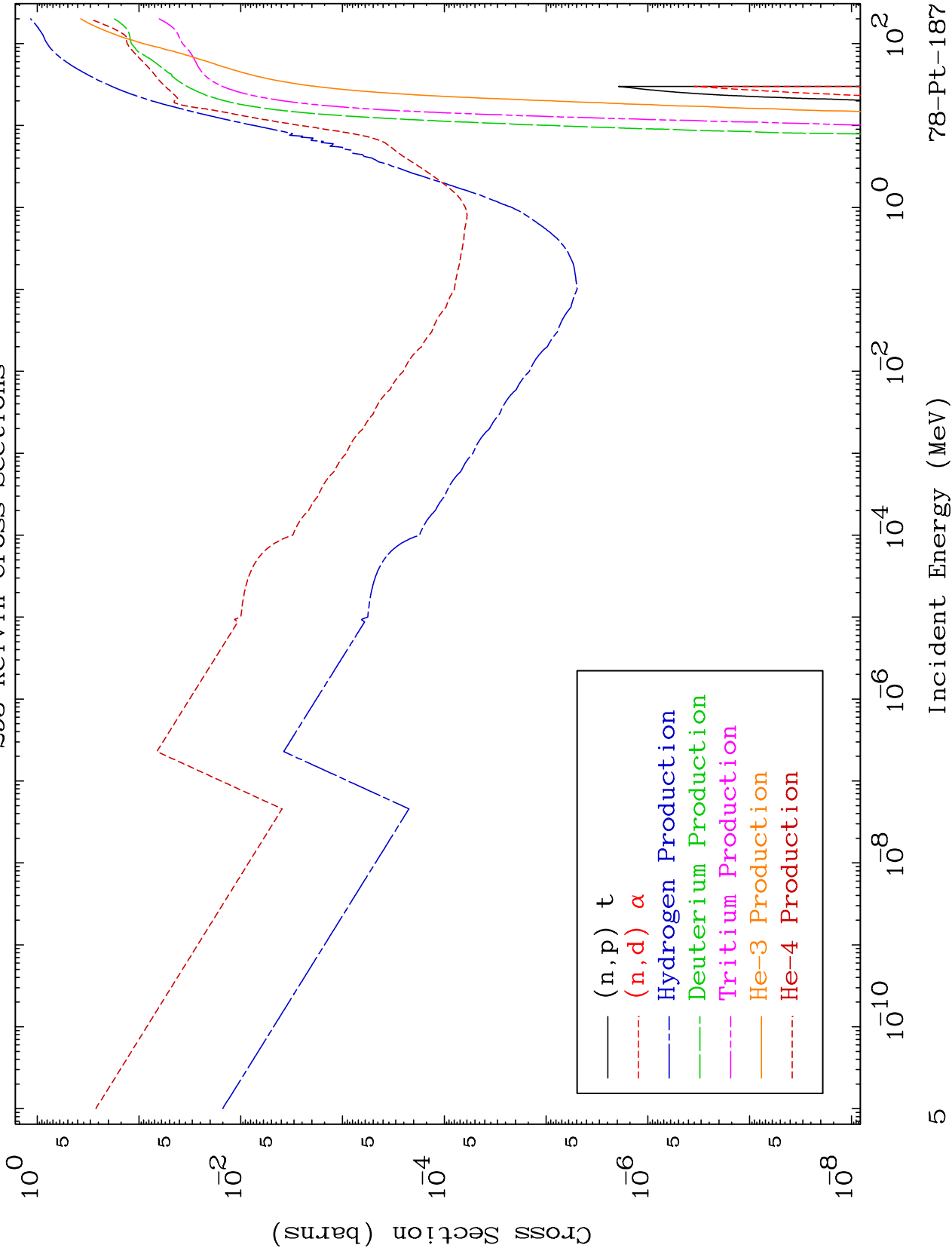
78-Pt-187



MAT 7816

Neutron Absorption
293 Kelvin Cross Sections

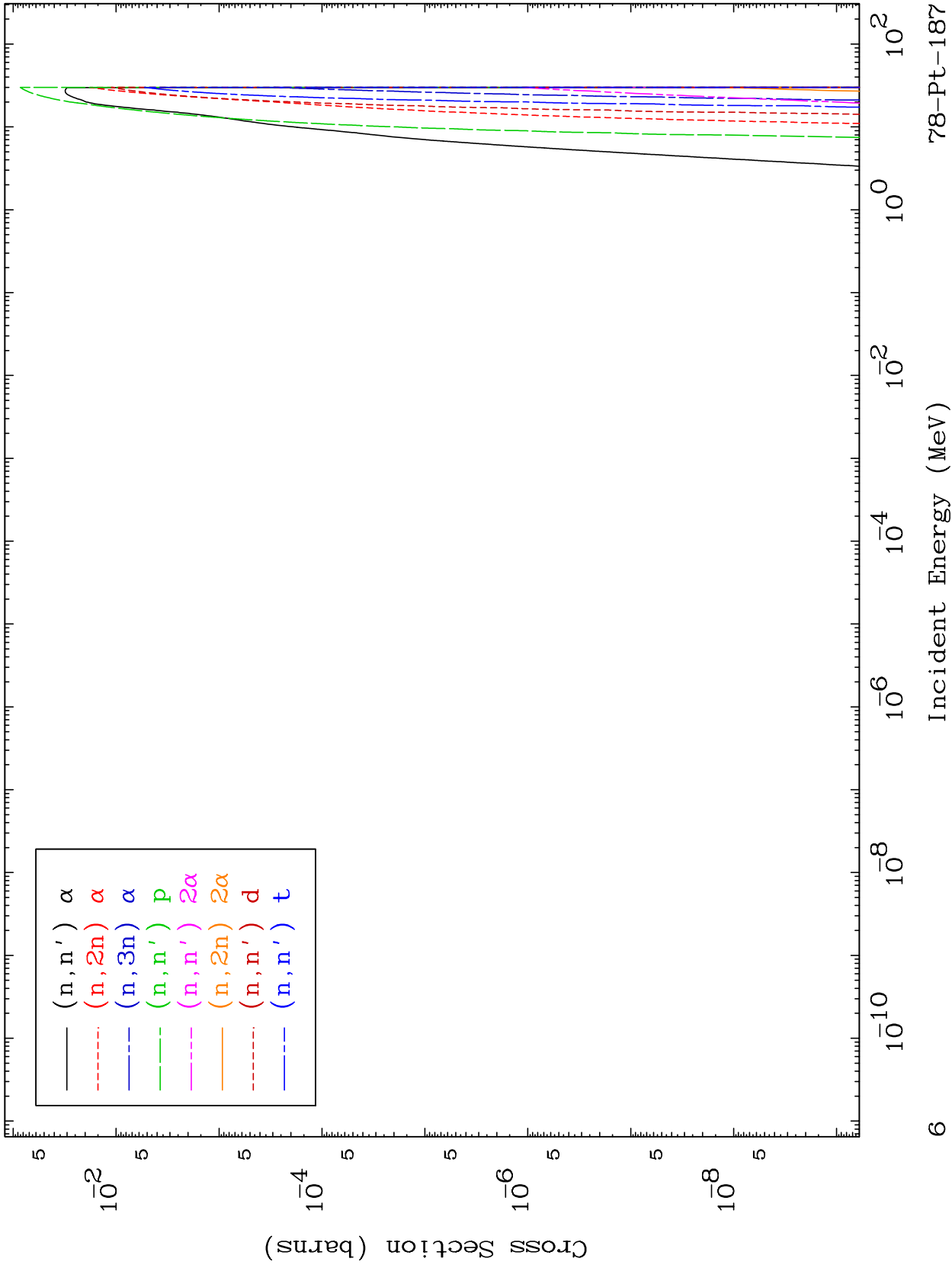
78-Pt-187



MAT 7816

Charged Particle
293 Kelvin Cross Sections

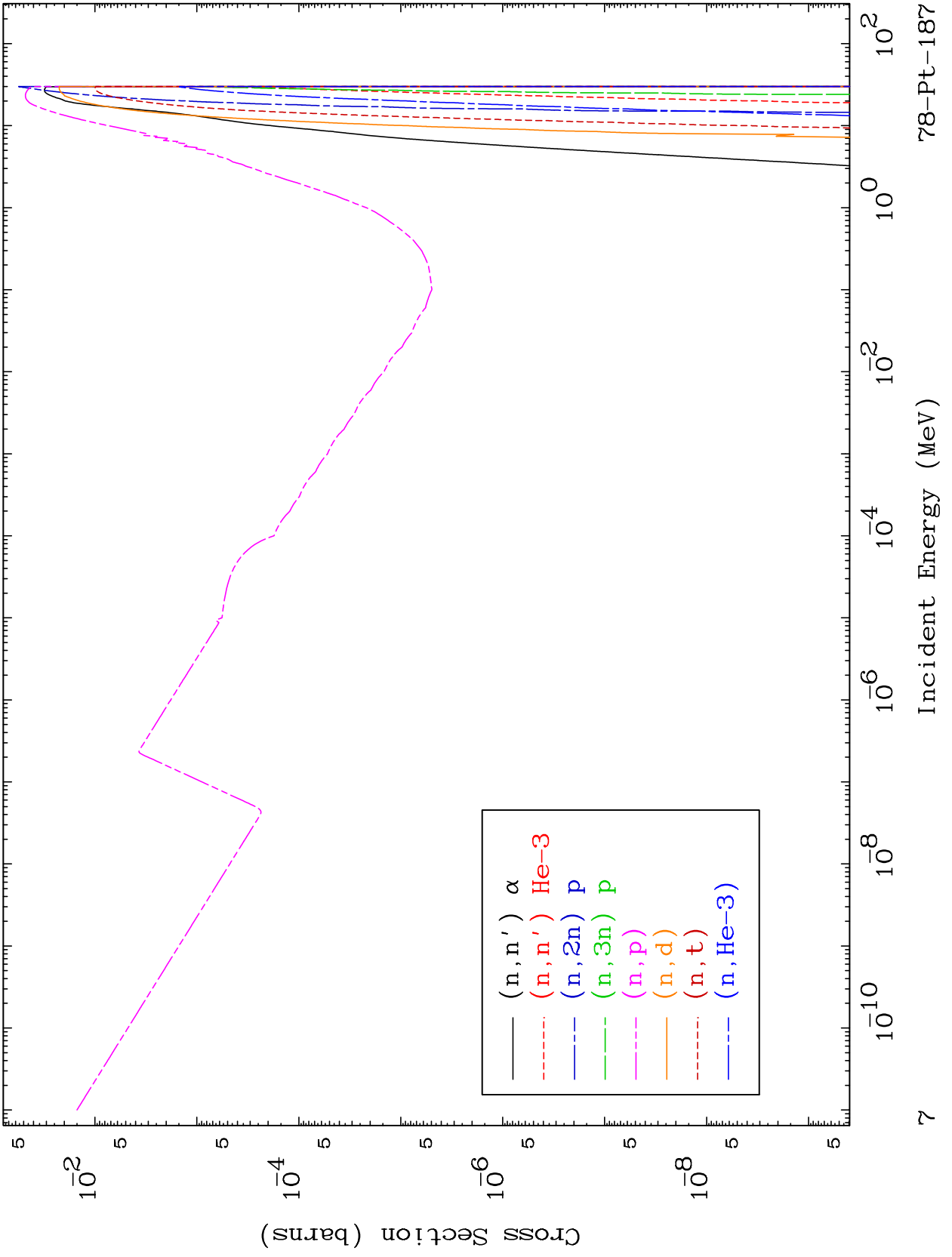
78-Pt-187



MAT 7816

Charged Particle
293 Kelvin Cross Sections

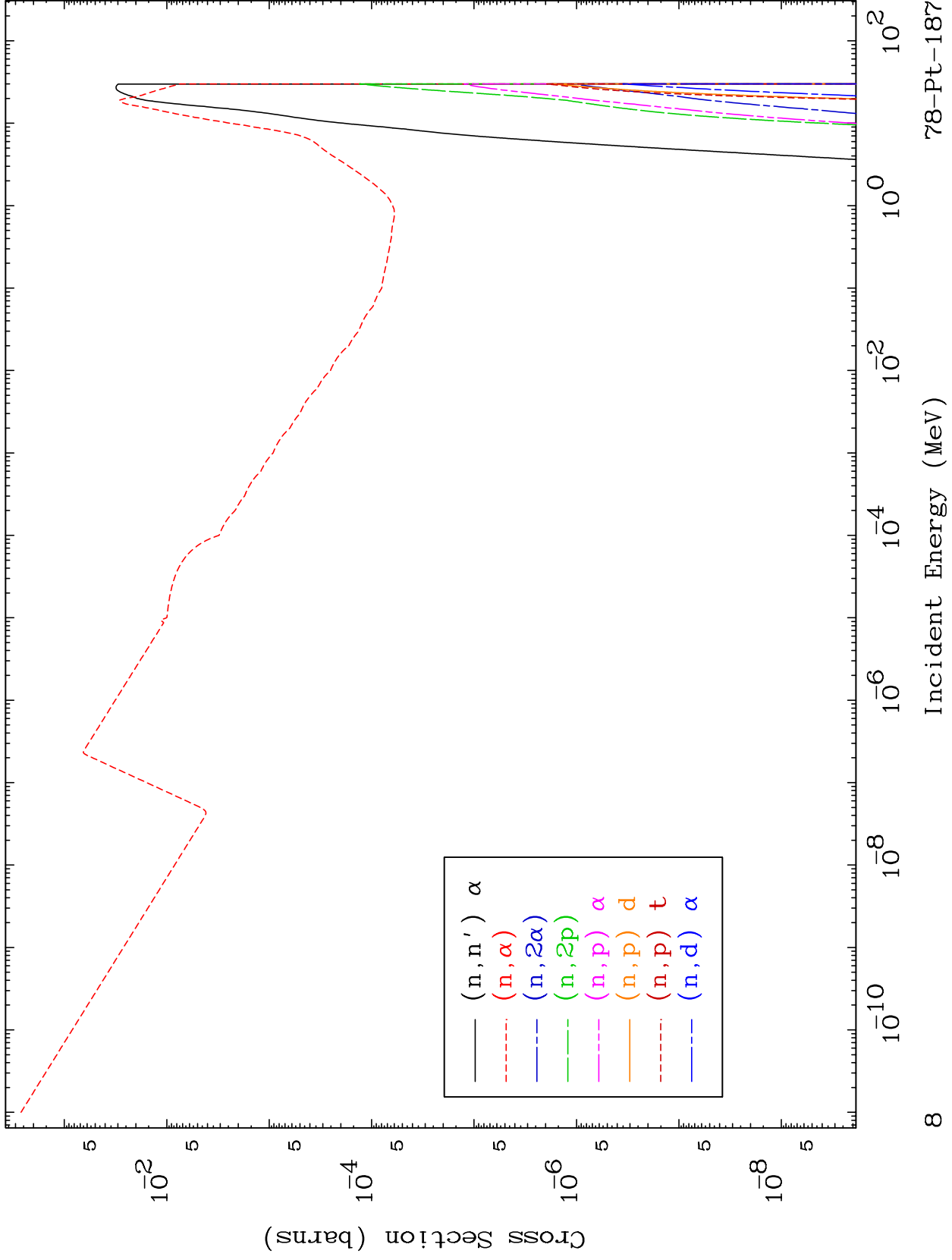
78-Pt-187



MAT 7816

Charged Particle
293 Kelvin Cross Sections

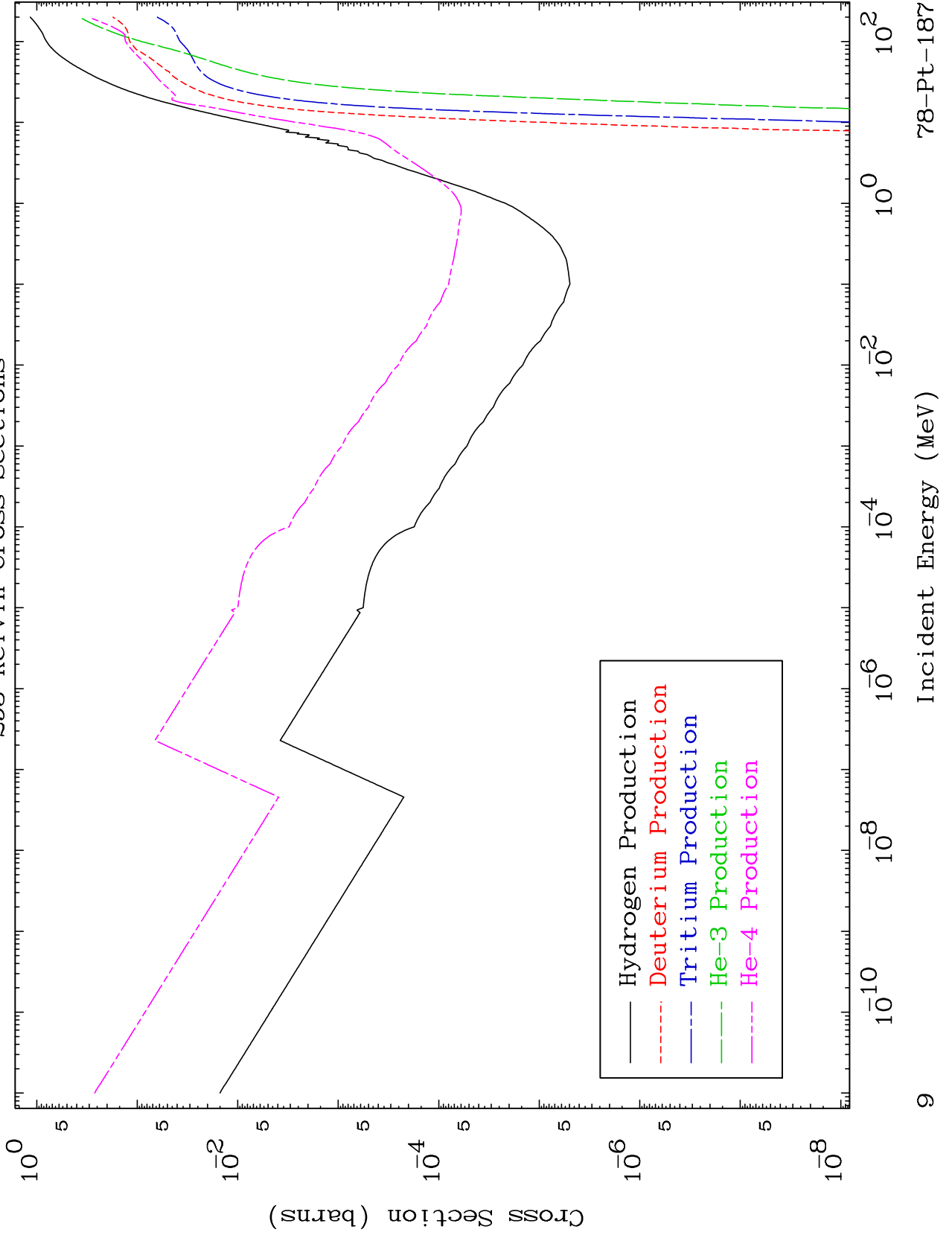
78-Pt-187



MAT 7816

Particle Production
293 Kelvin Cross Sections

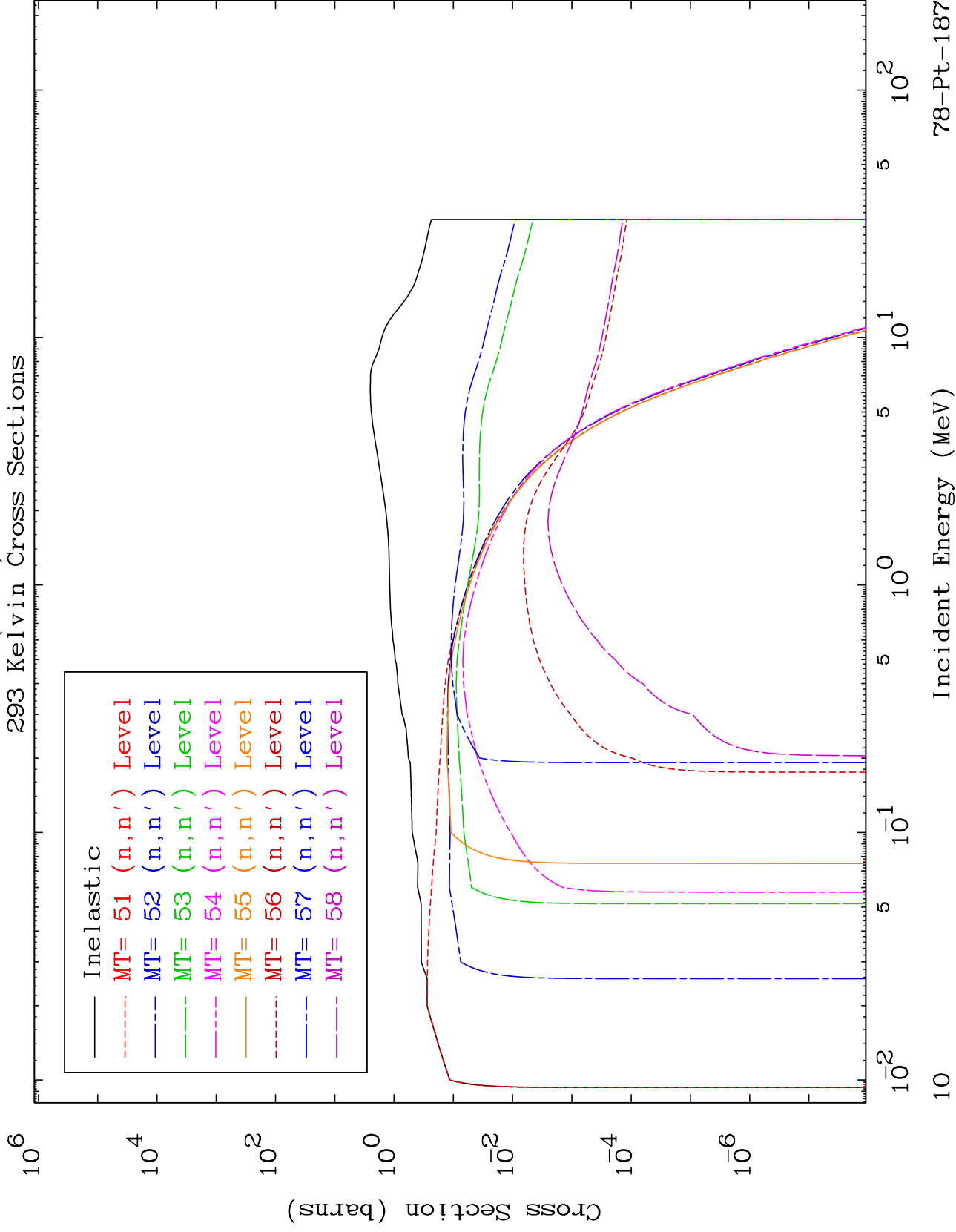
78-Pt-187



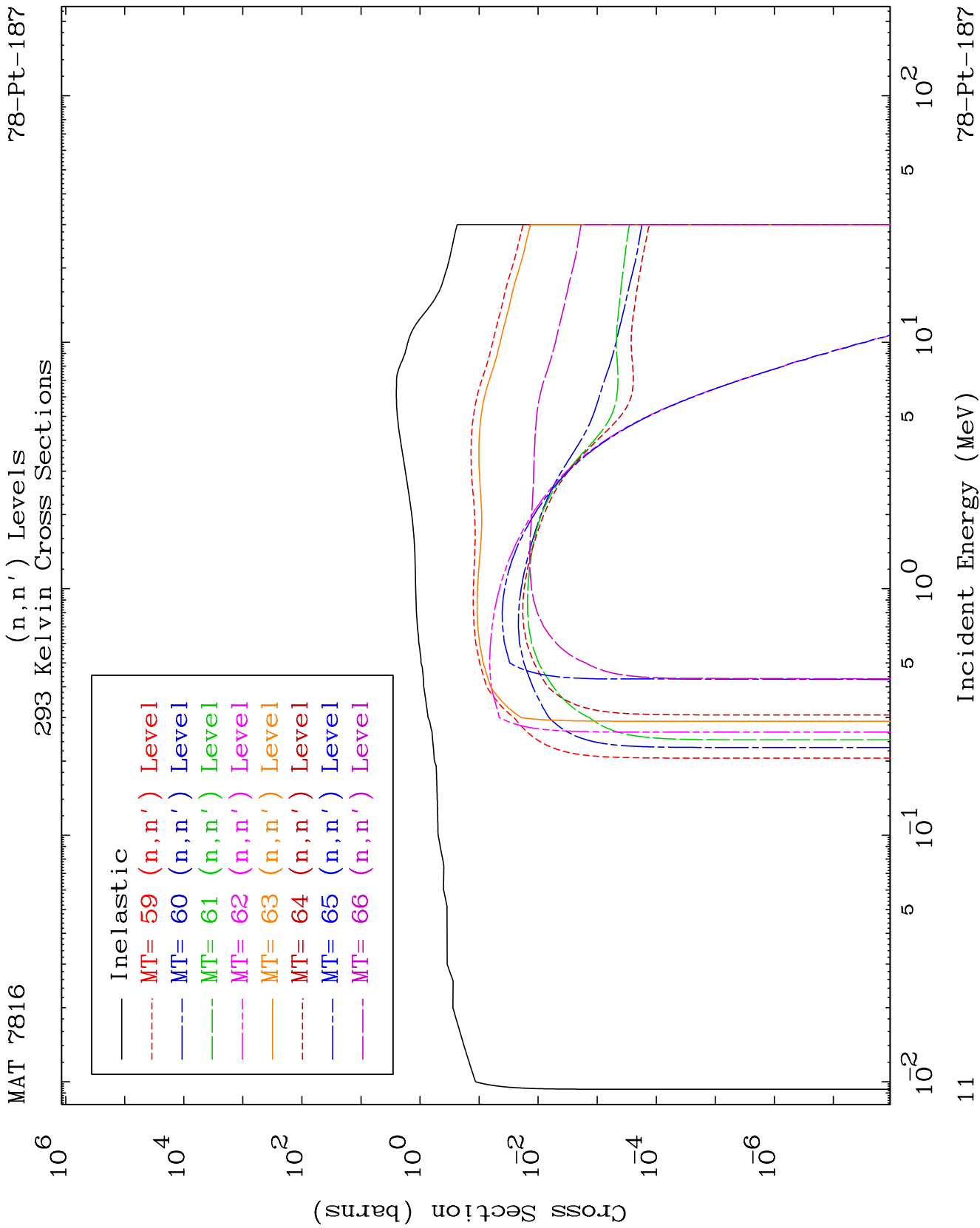
MAT 7816

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-187



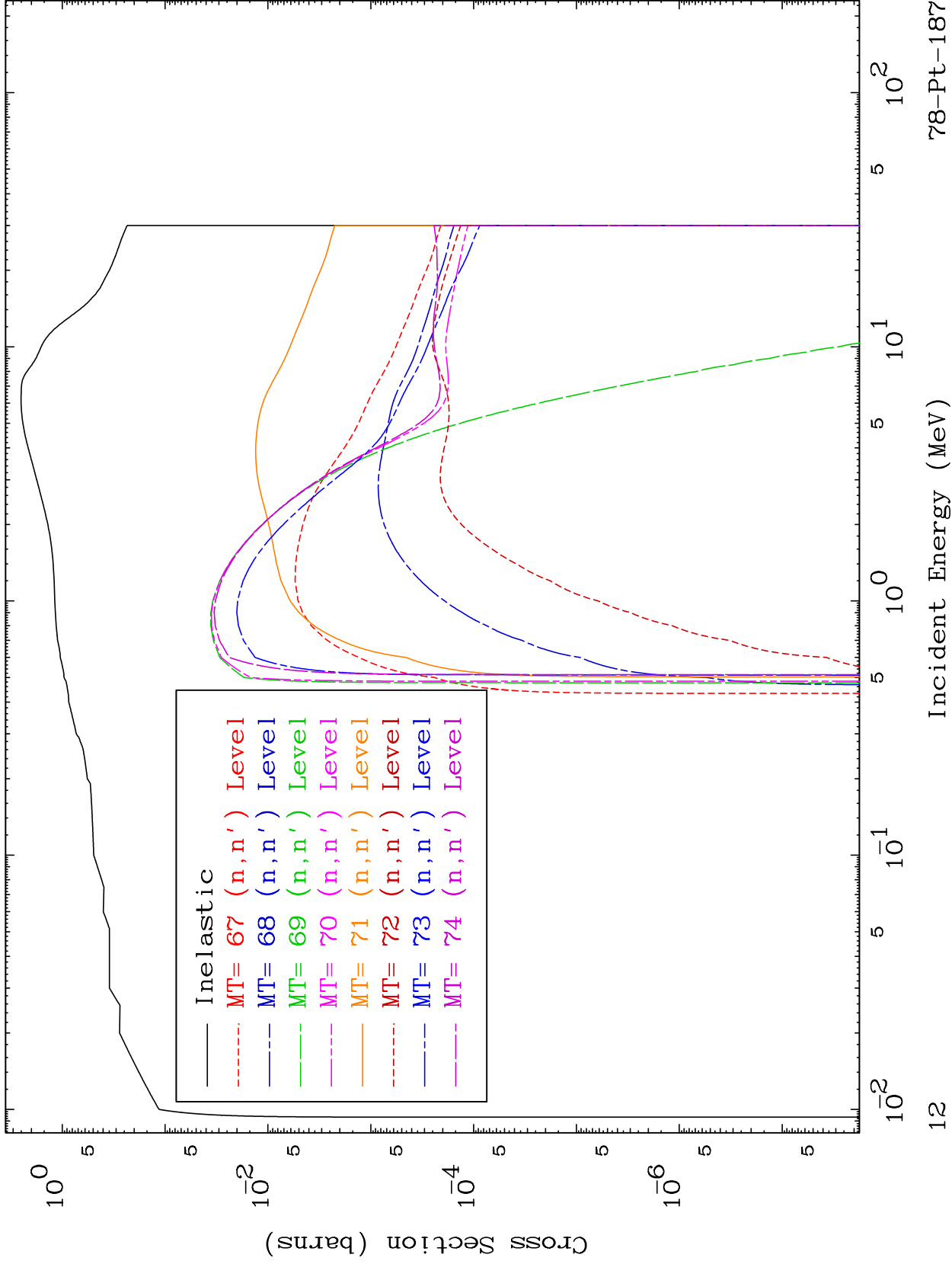
78-Pt-187



MAT 7816

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-187



78-Pt-187

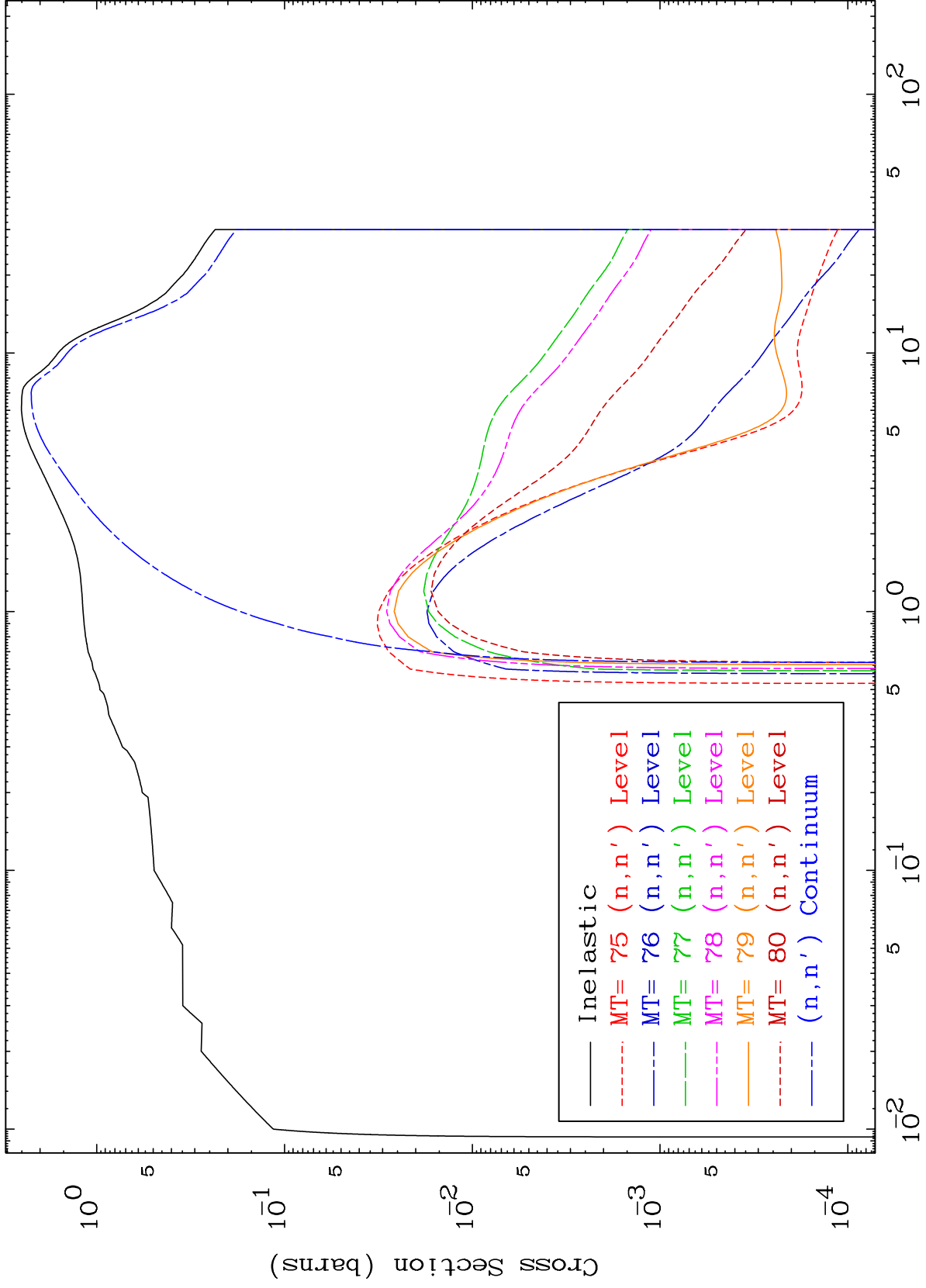
Incident Energy (MeV)

12

MAT 7816

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-187



13

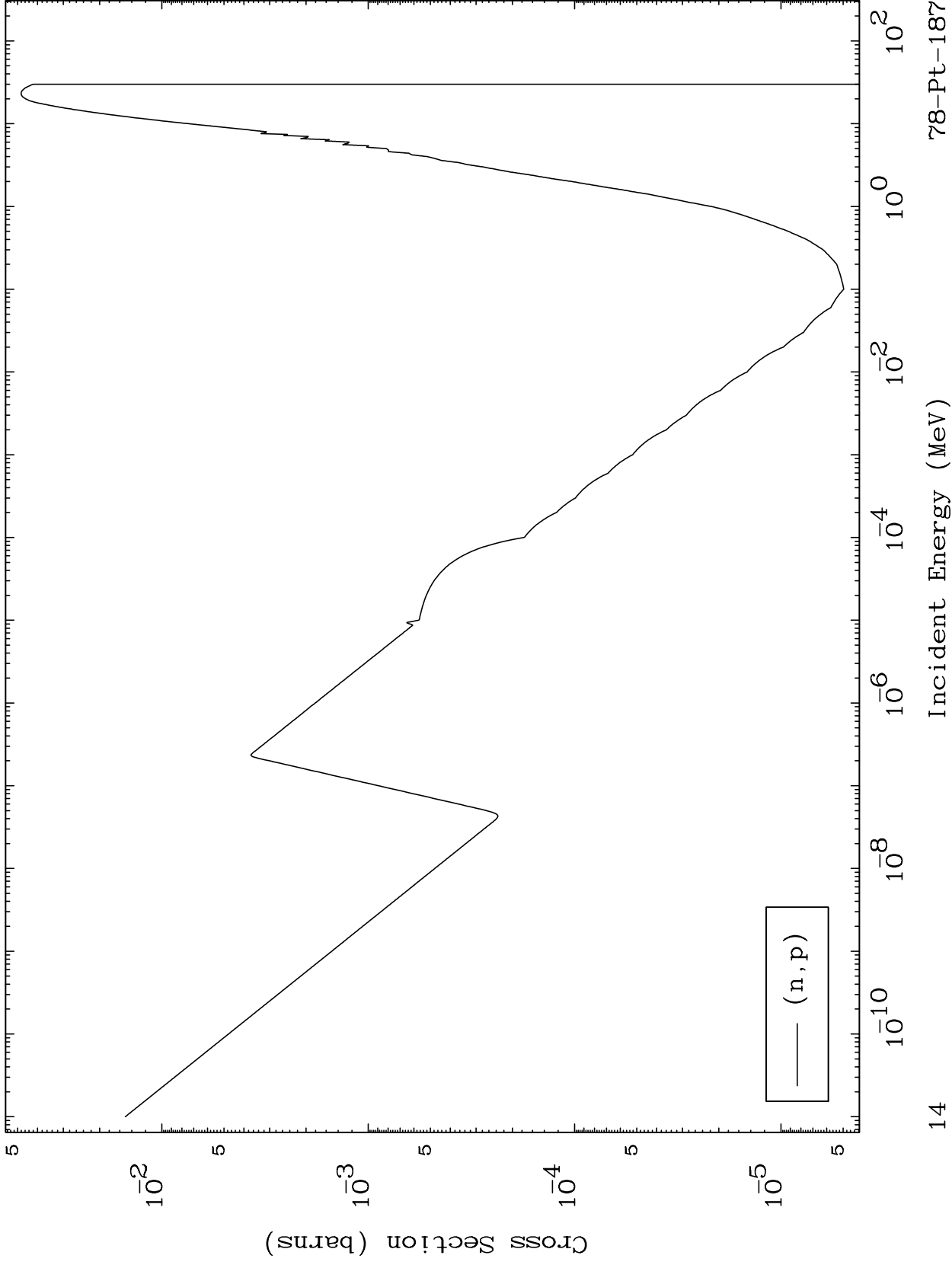
Incident Energy (MeV)

78-Pt-187

MAT 7816

(n,p) Levels
293 Kelvin Cross Sections

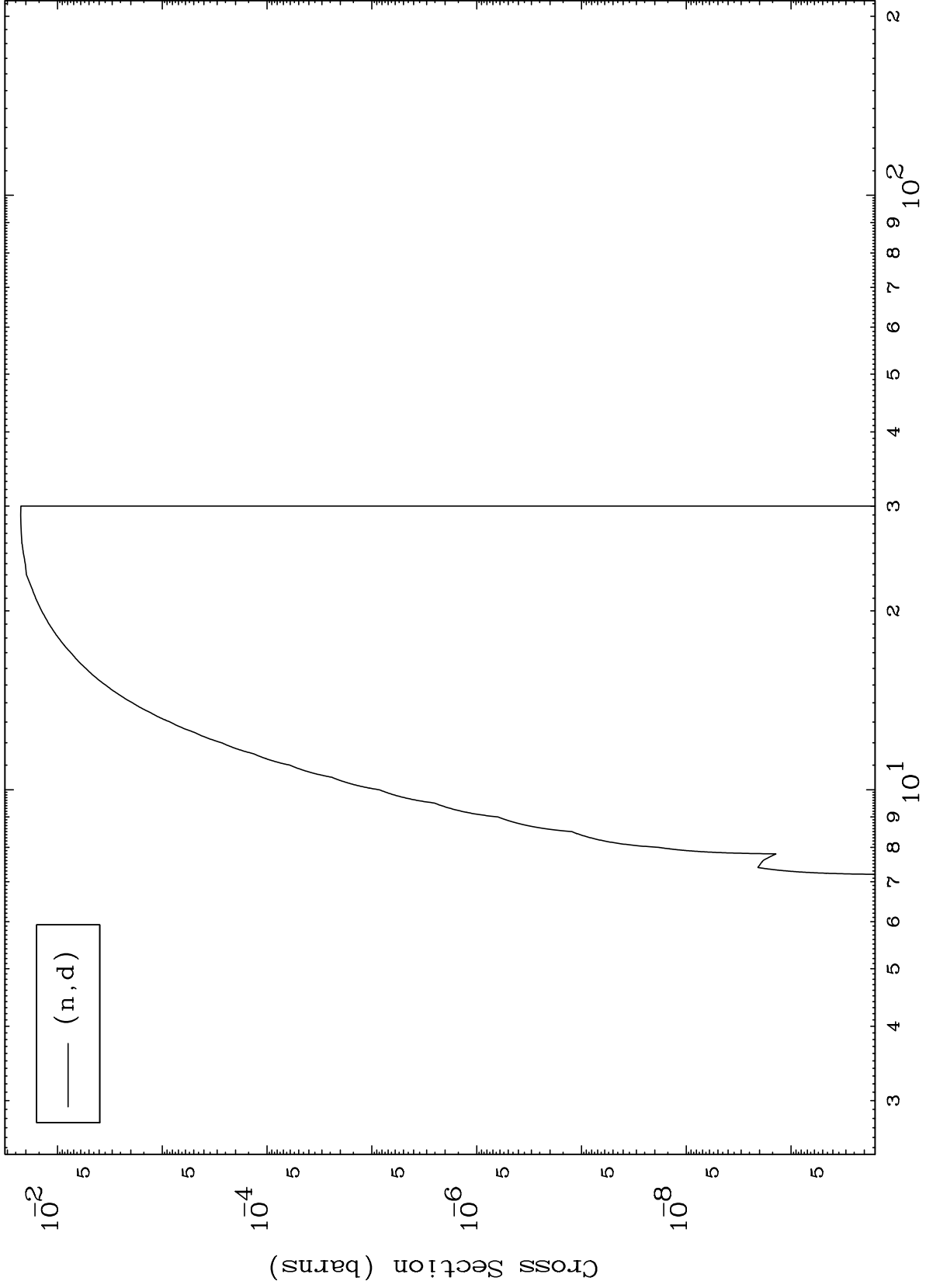
78-Pt-187



MAT 7816

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-187



15

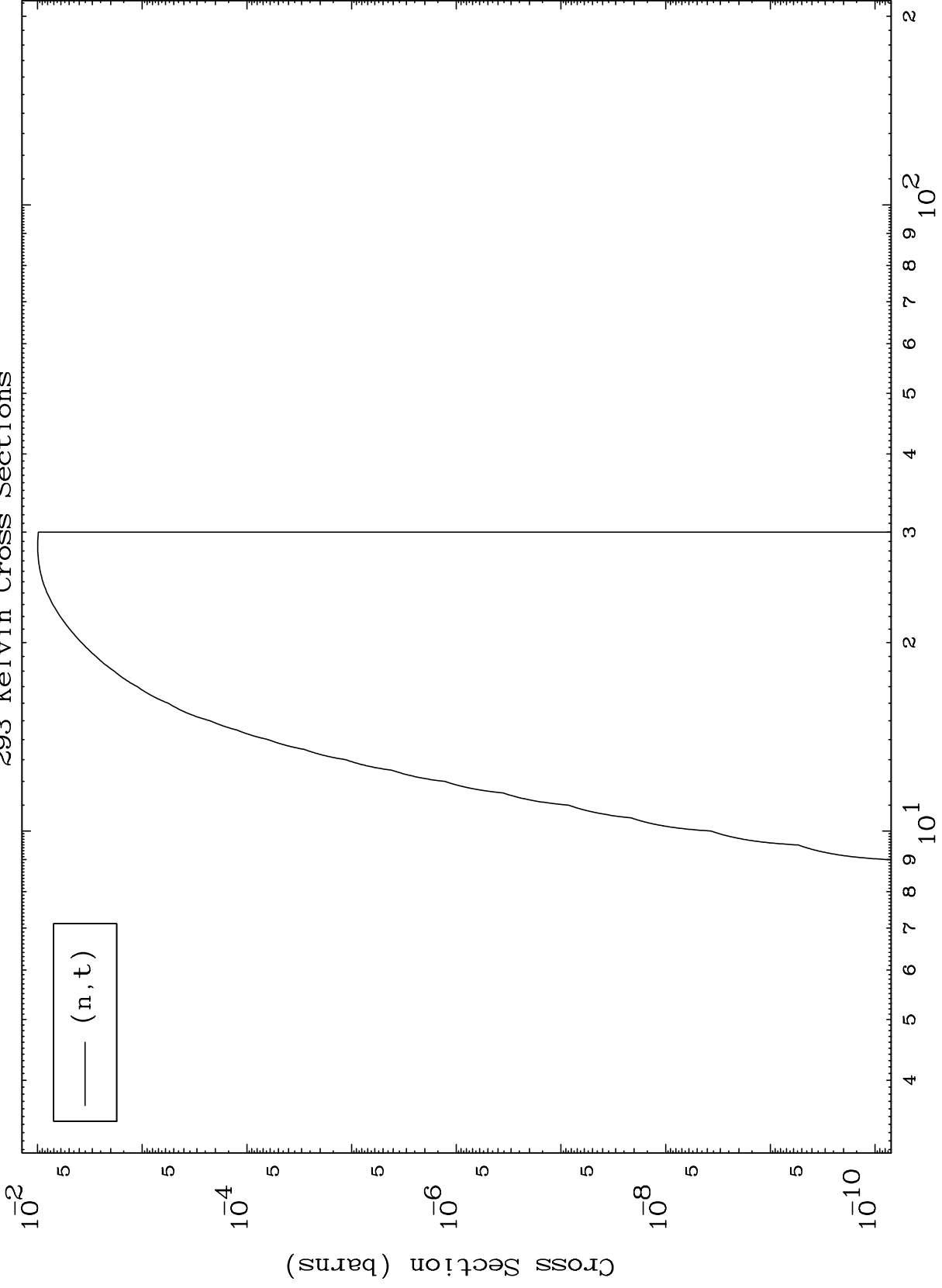
Incident Energy (MeV)

78-Pt-187

MAT 7816

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-187



16

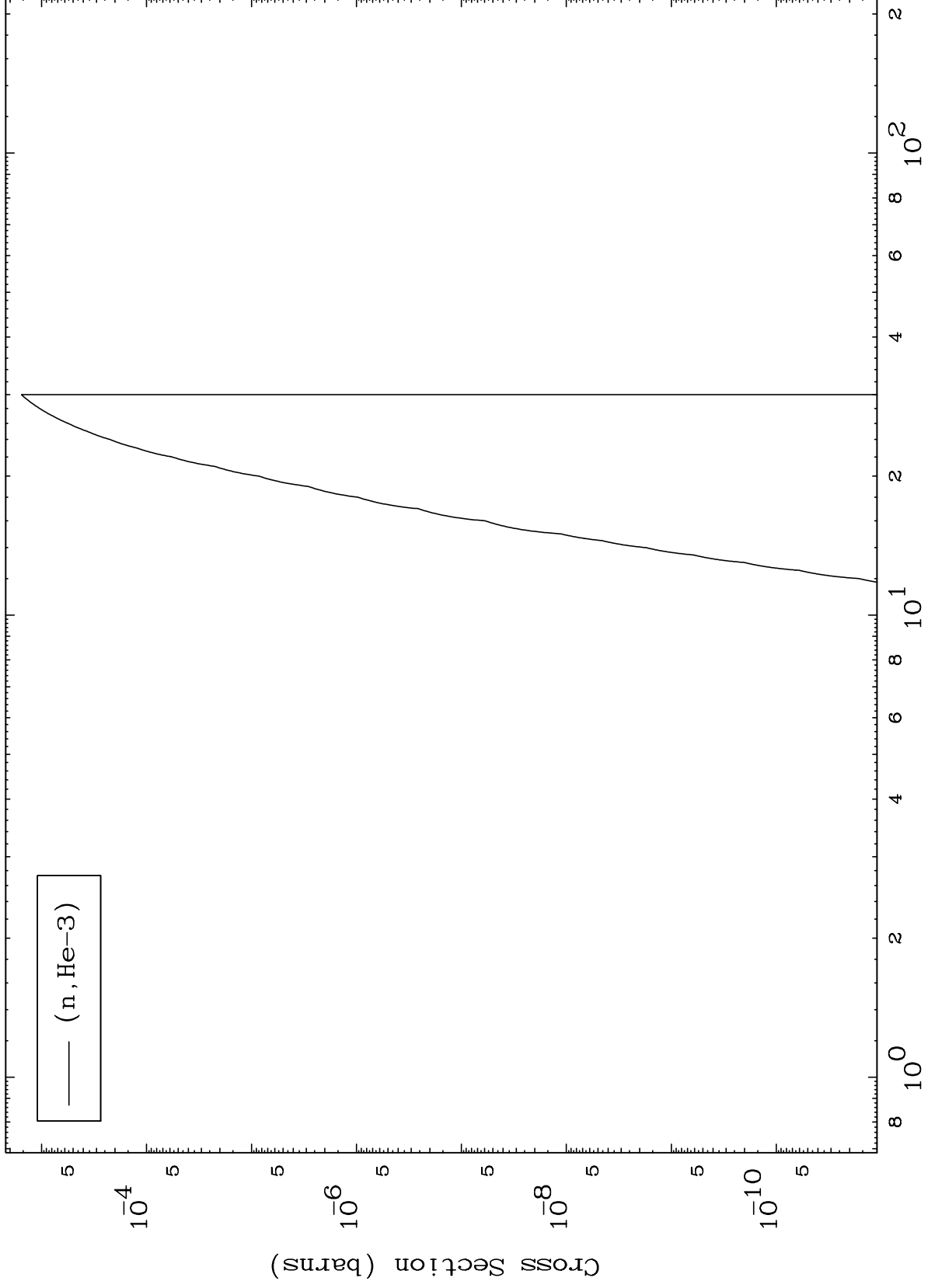
Incident Energy (MeV)

78-Pt-187

MAT 7816

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-187



17

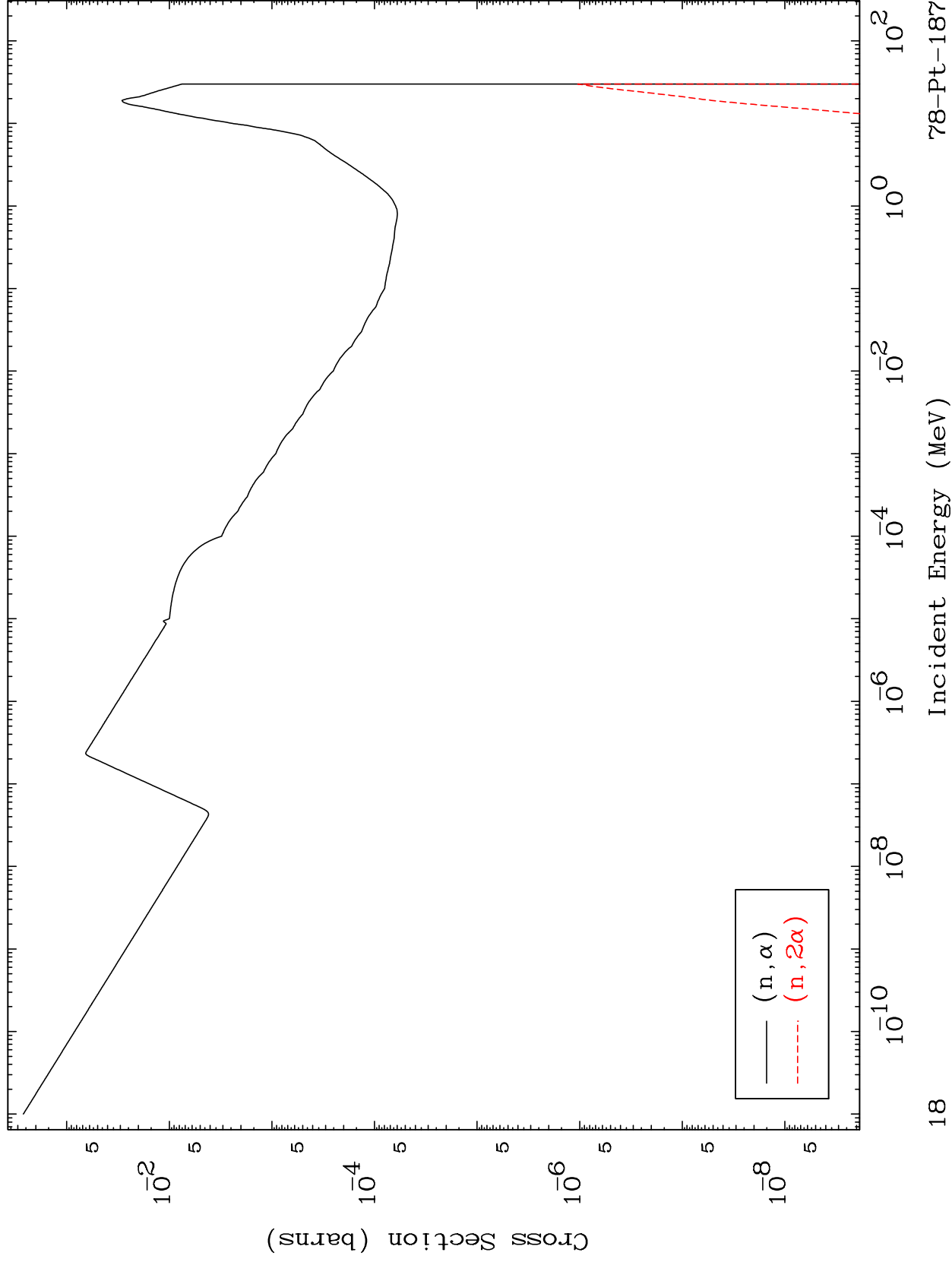
Incident Energy (MeV)

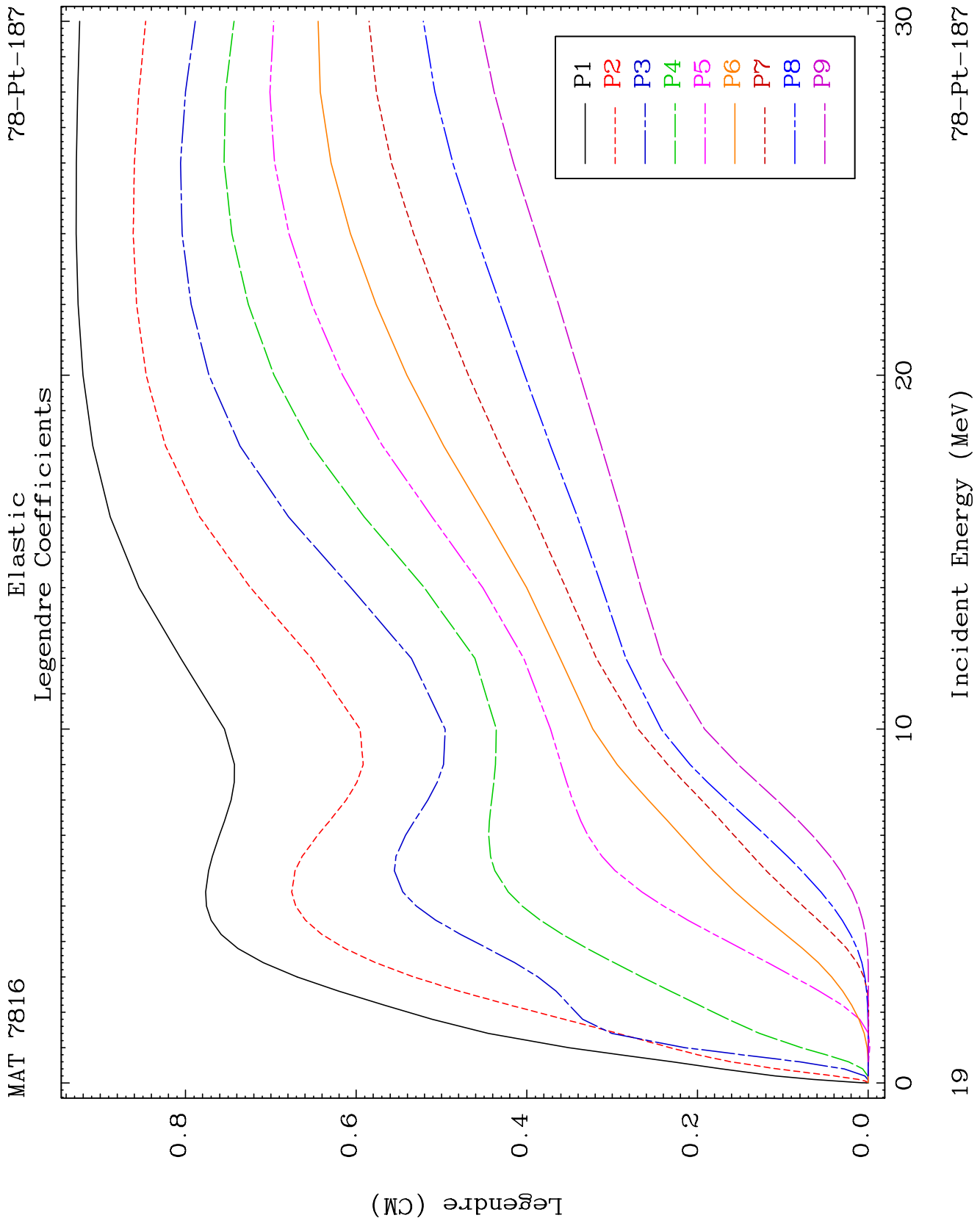
78-Pt-187

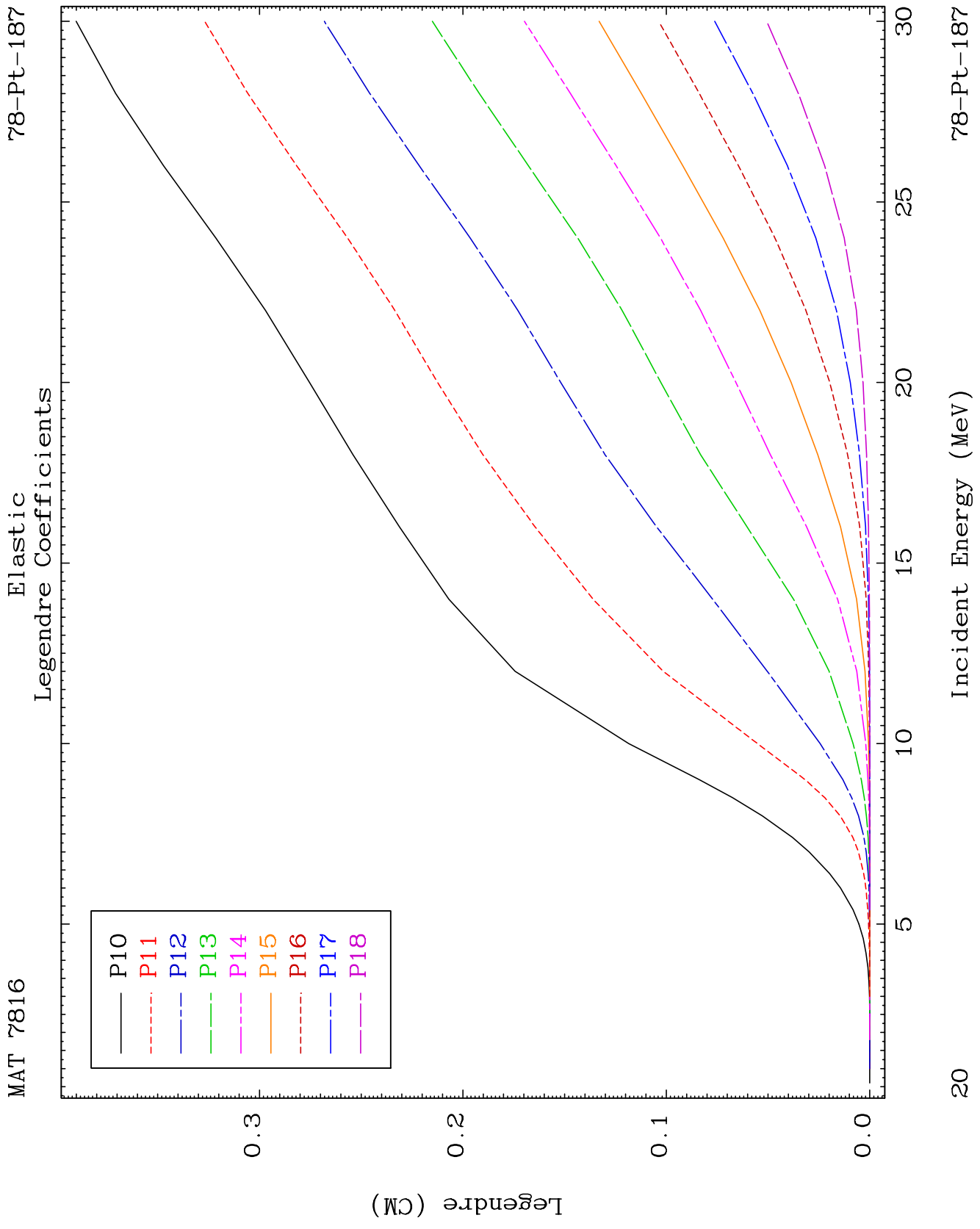
MAT 7816

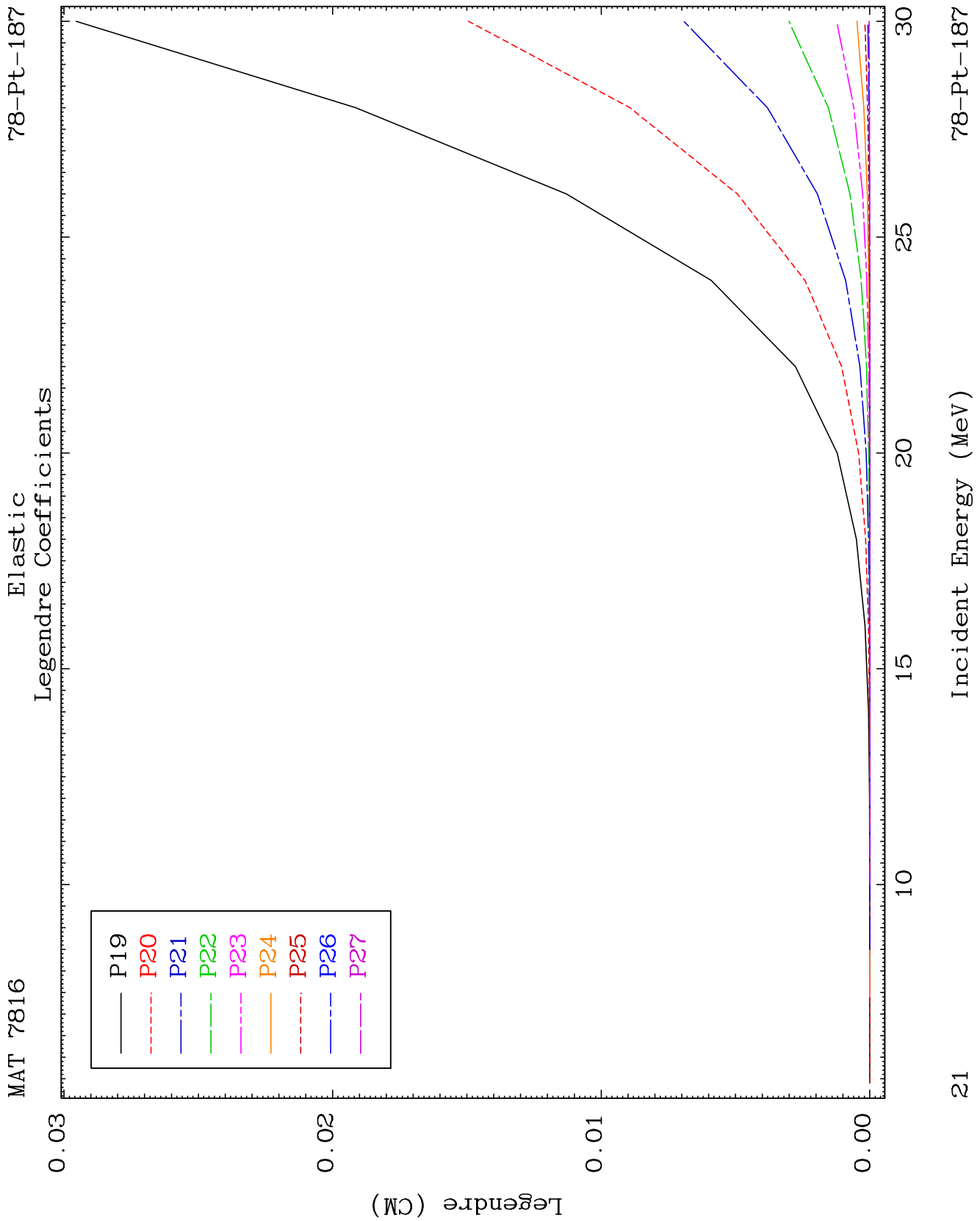
(n, α) Levels
293 Kelvin Cross Sections

78-Pt-187





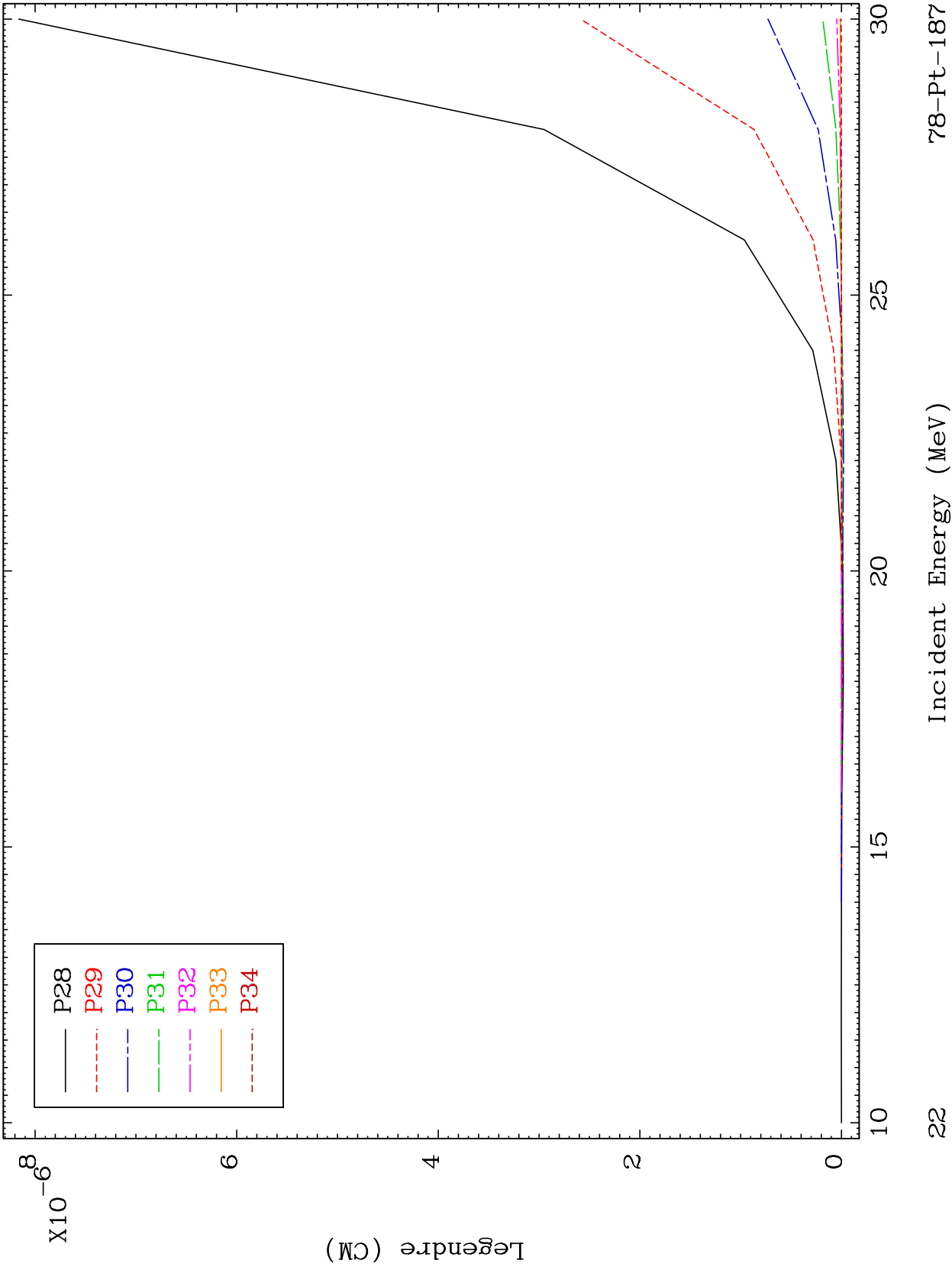


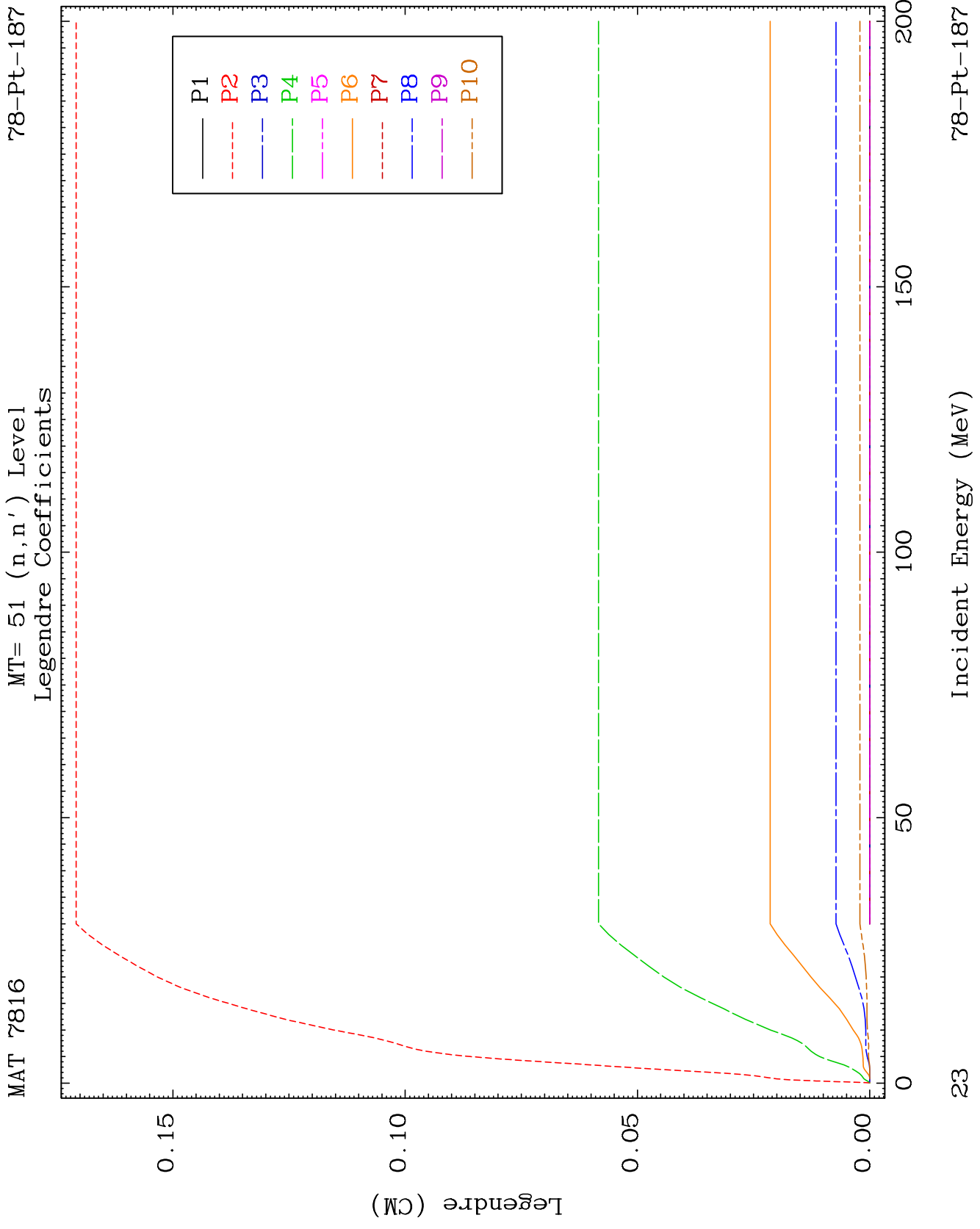


MAT 7816

Elastic
Legendre Coefficients

78-Pt-187

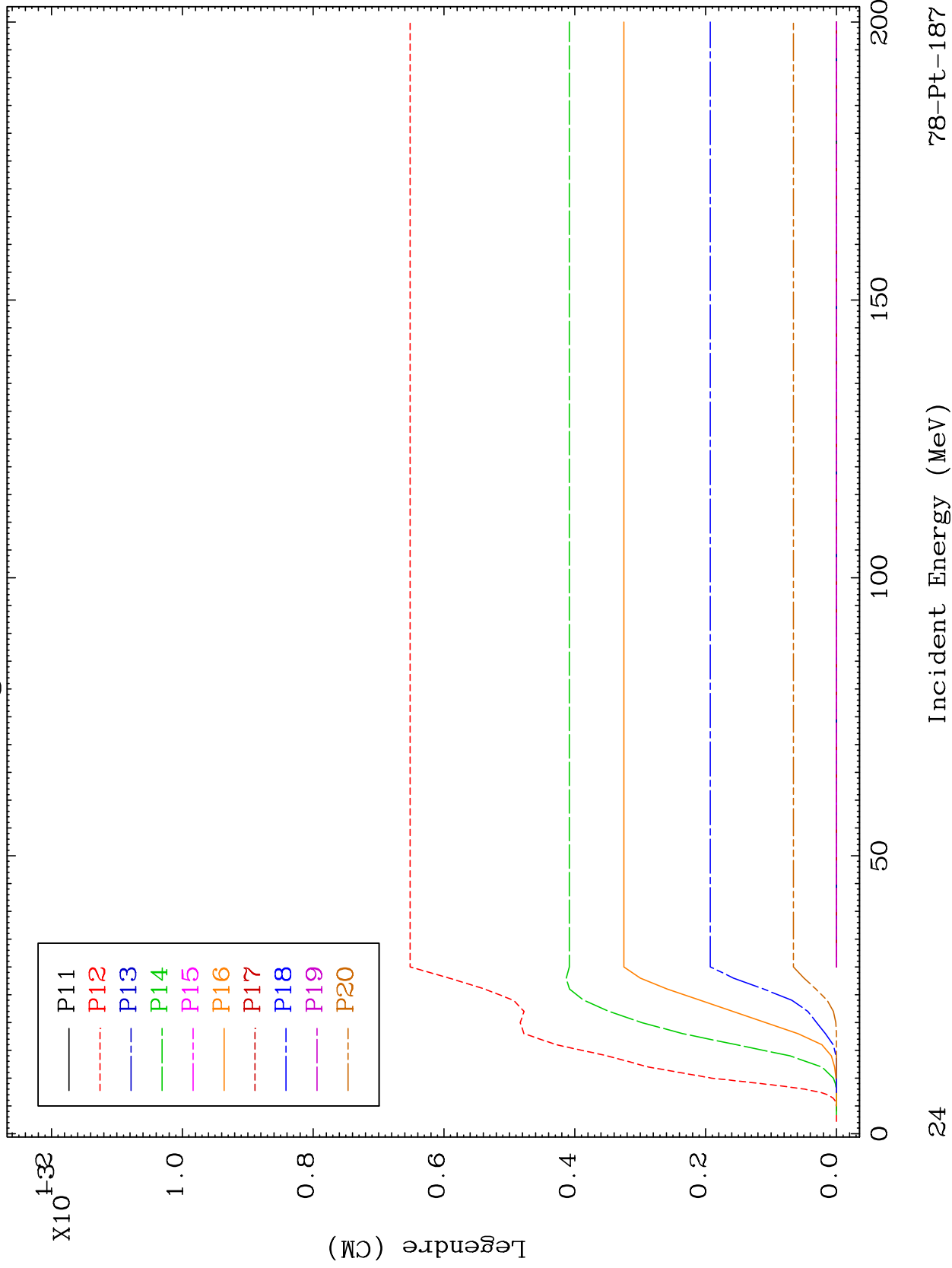


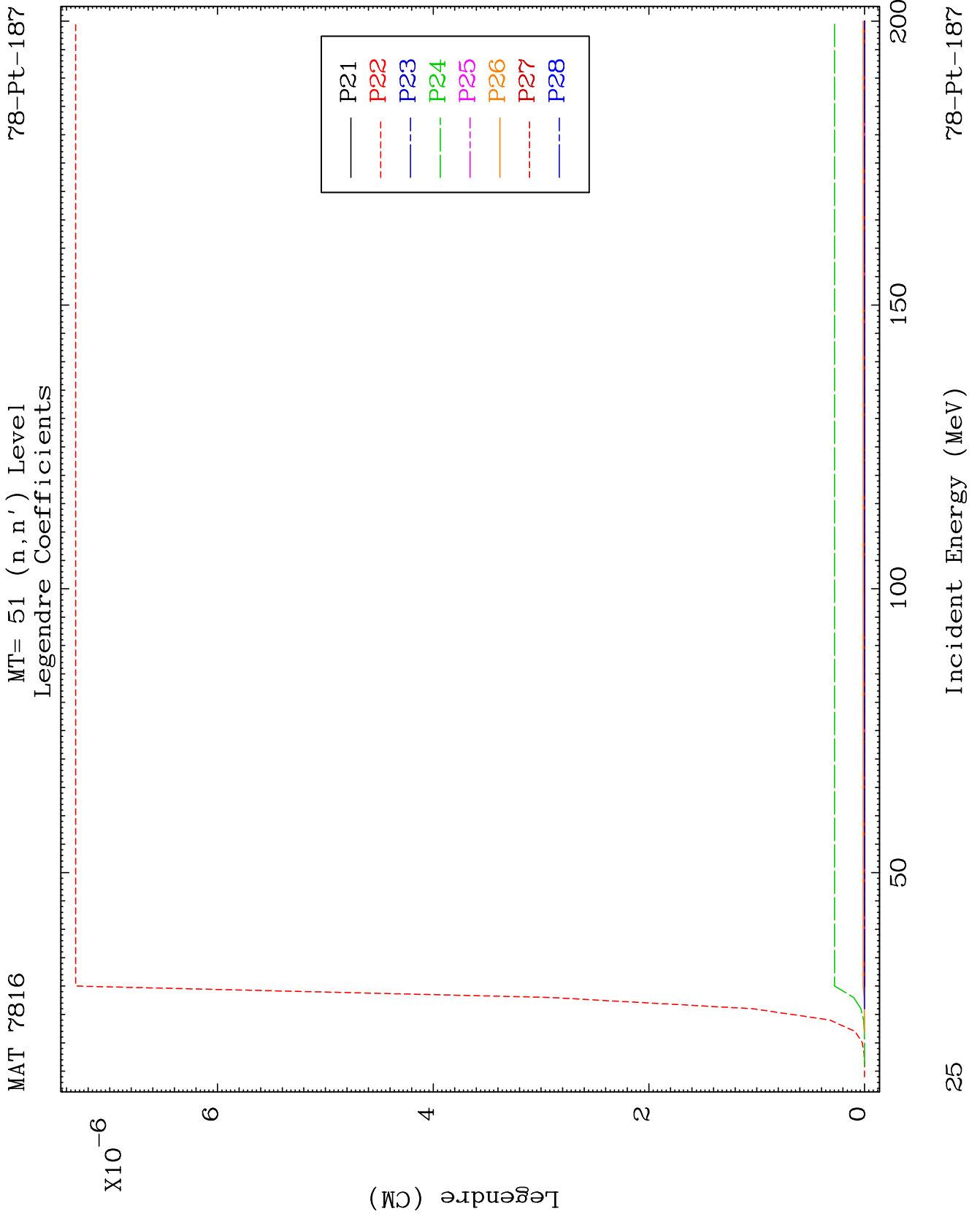


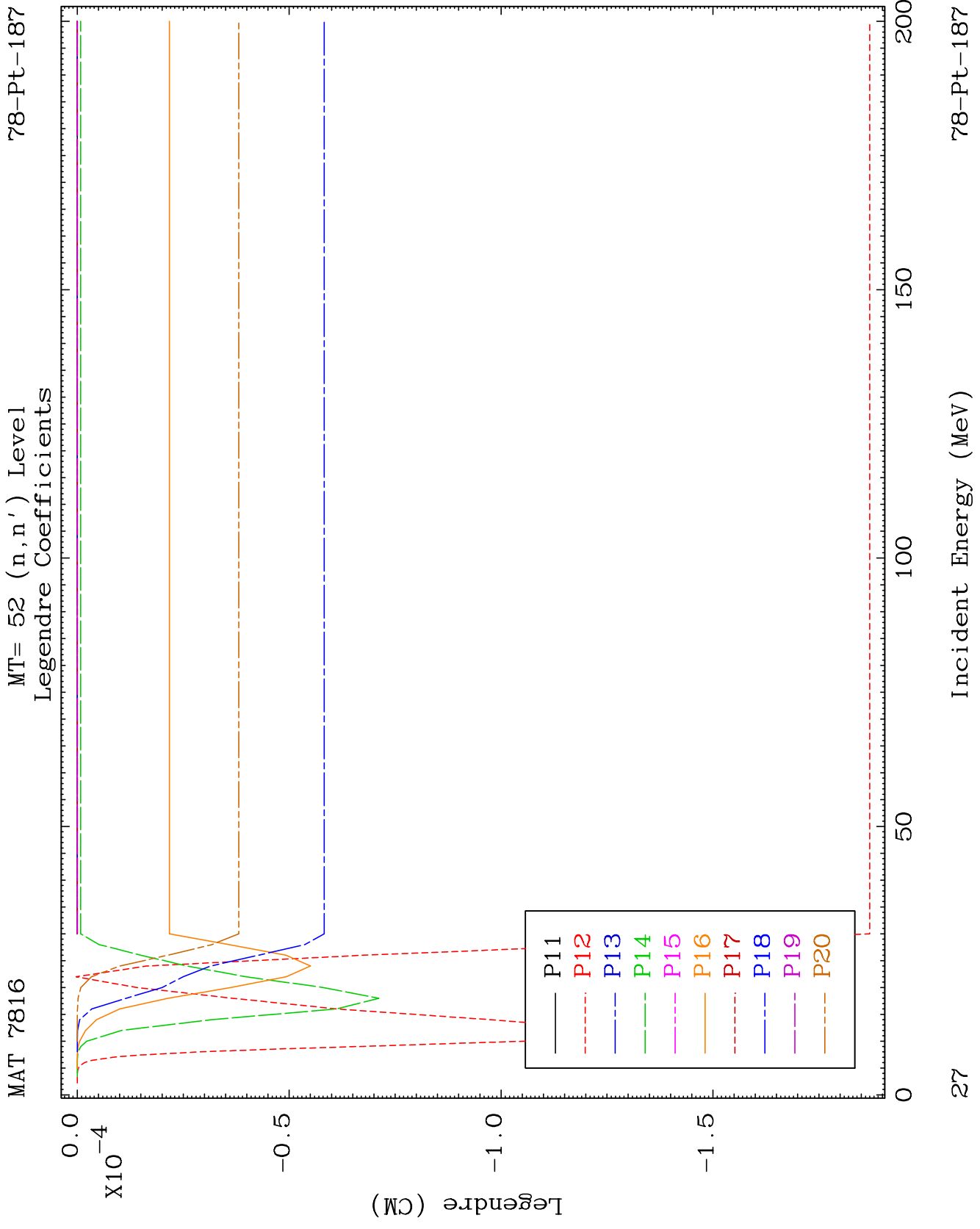
MAT 7816

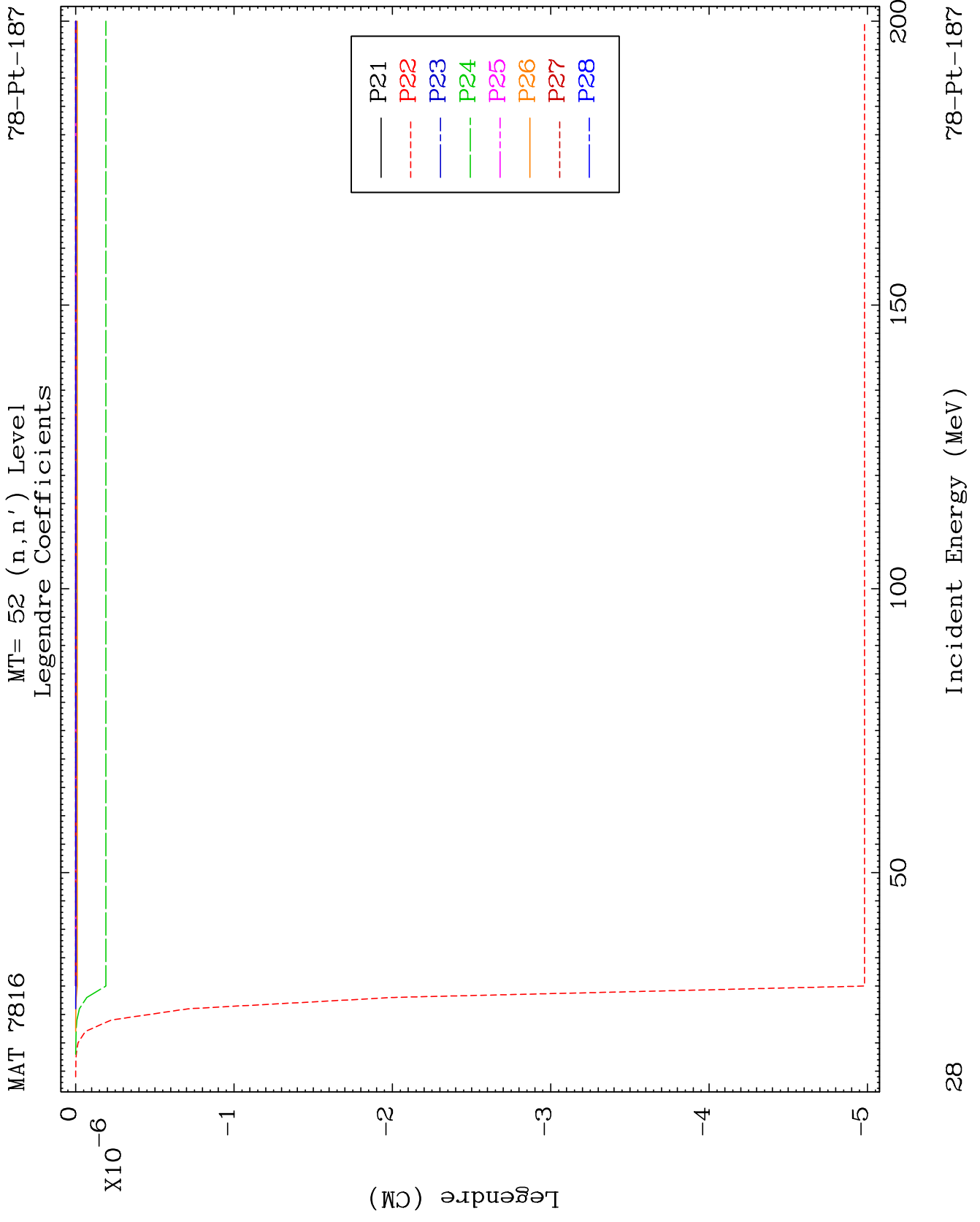
MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-187





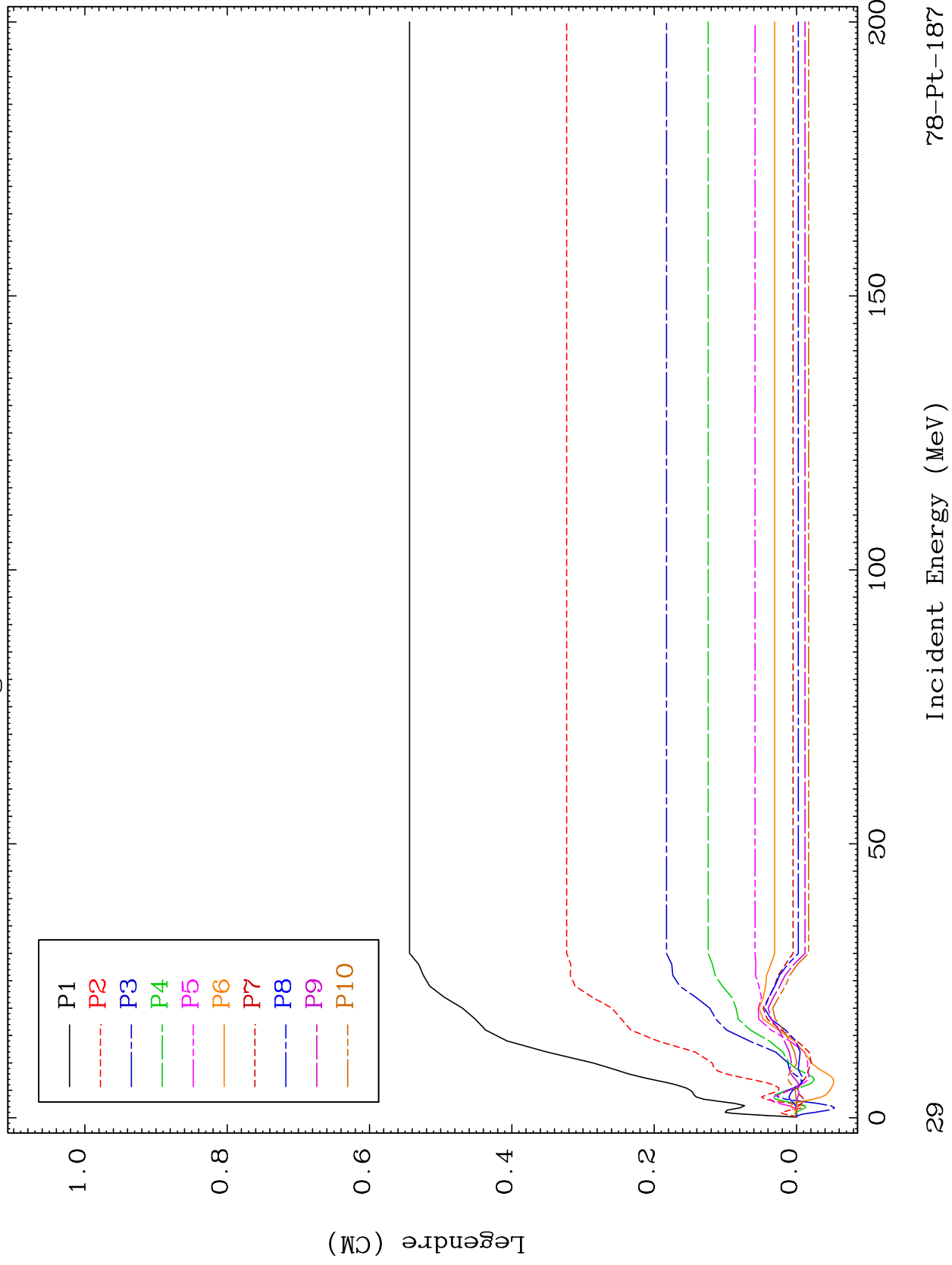




MAT 7816

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

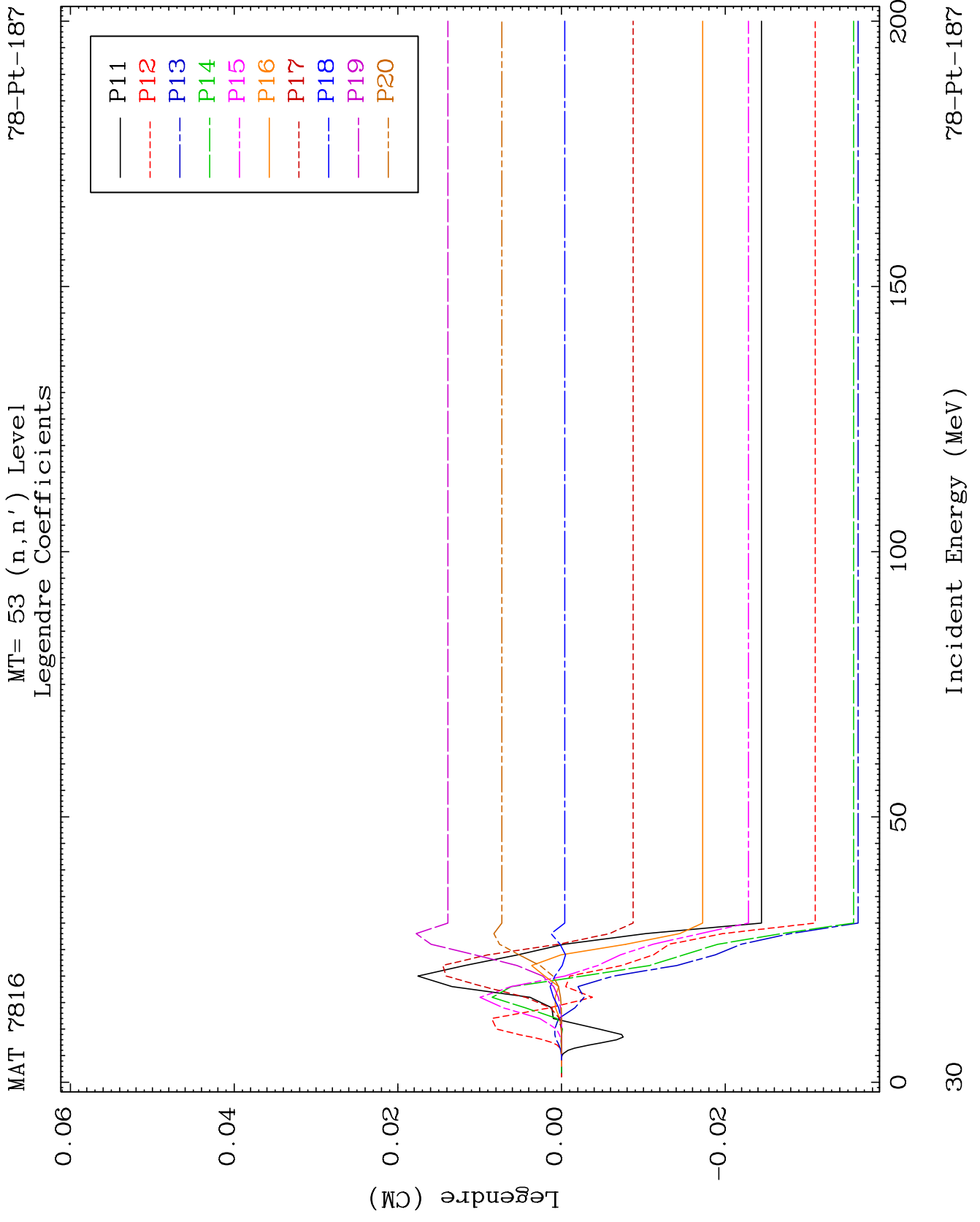
78-Pt-187

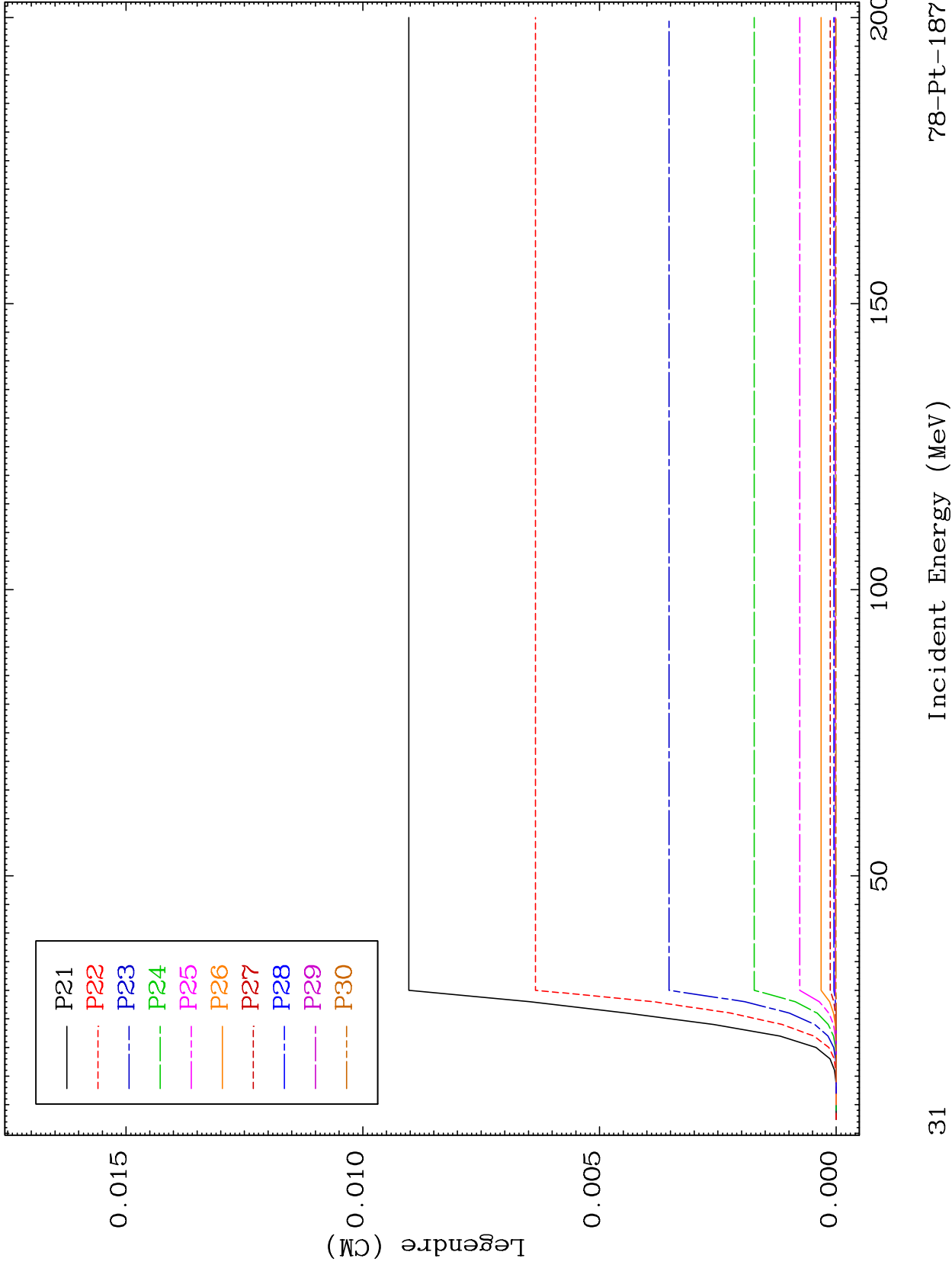


29

Incident Energy (MeV)

78-Pt-187

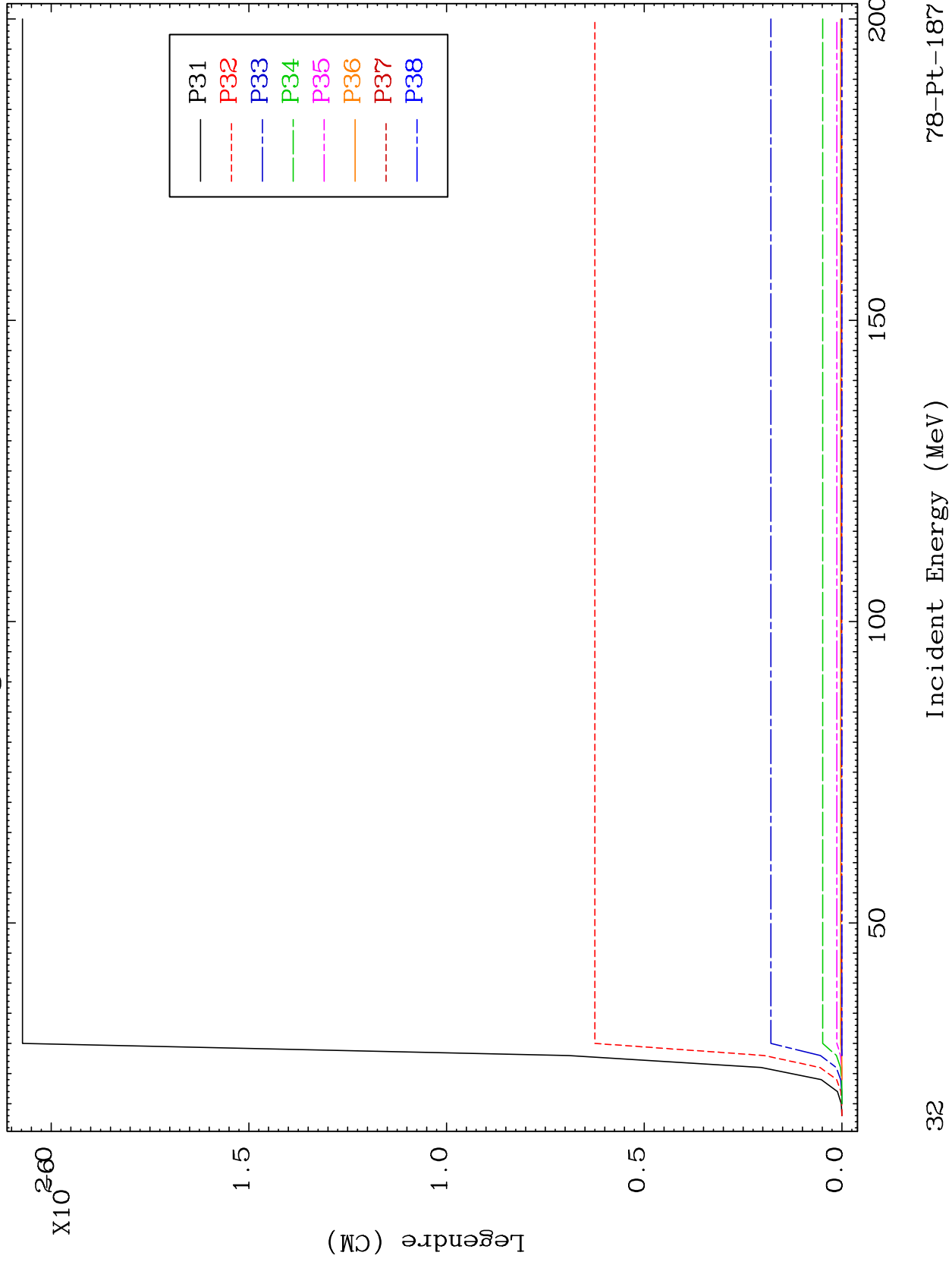




MAT 7816

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

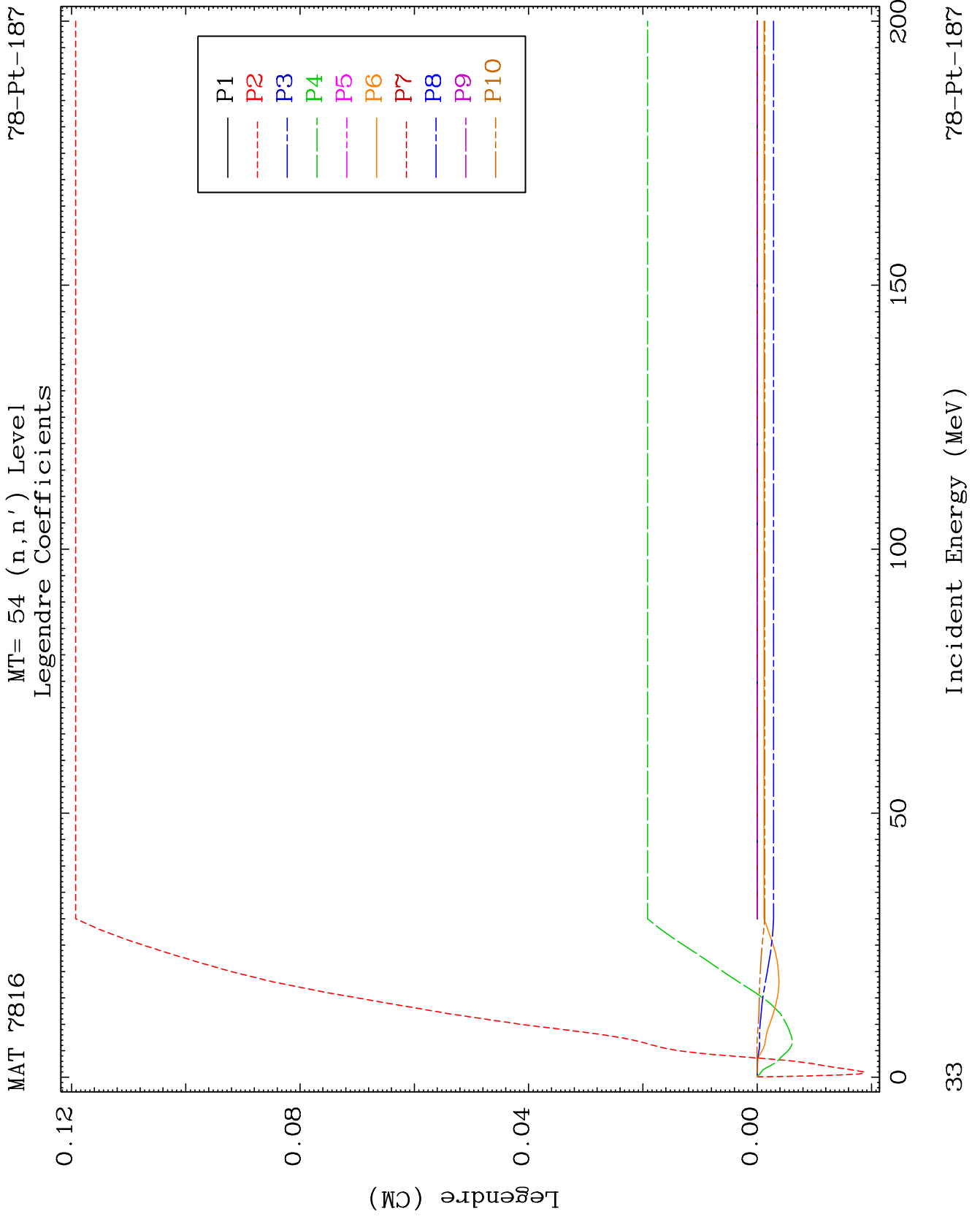
78-Pt-187

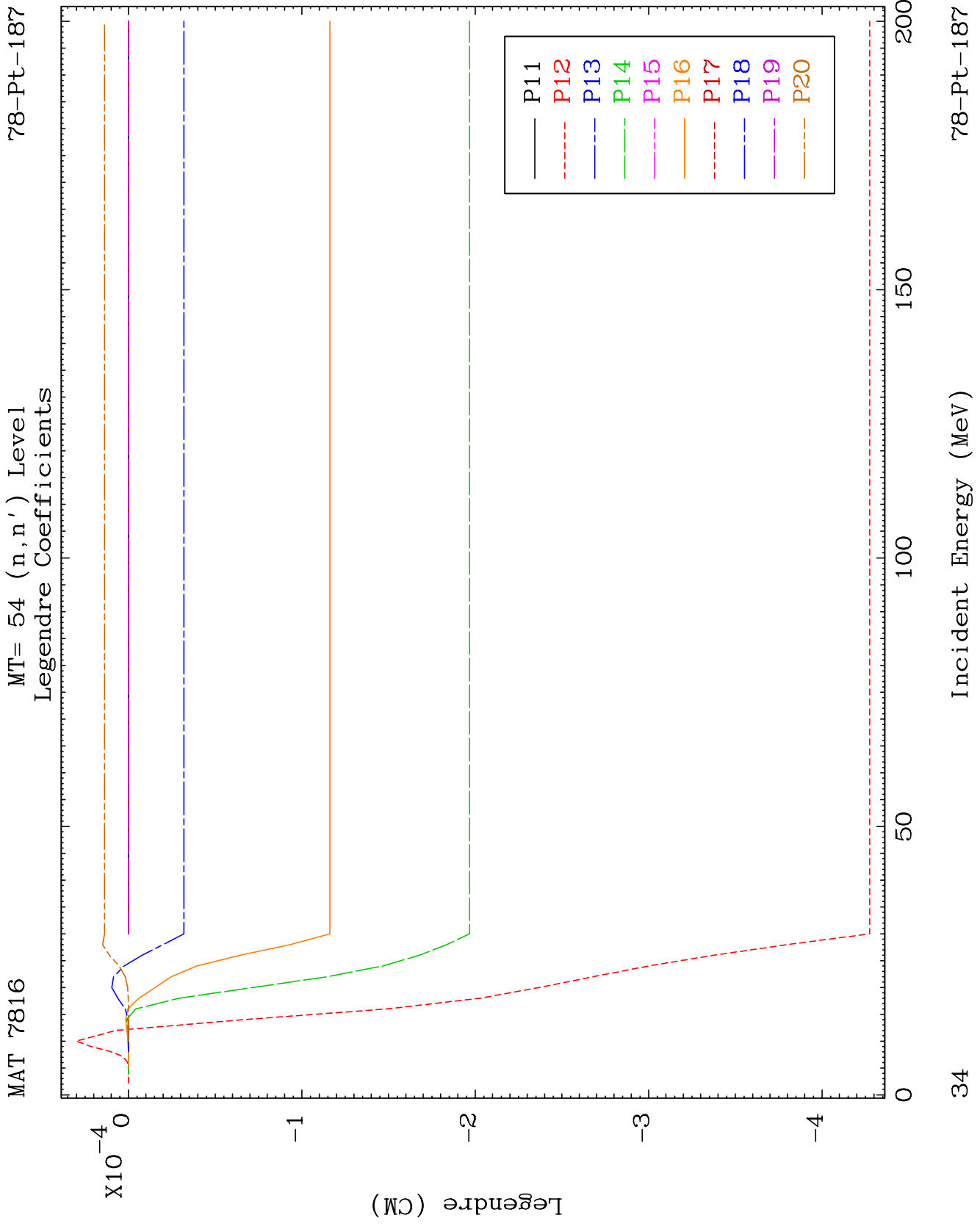


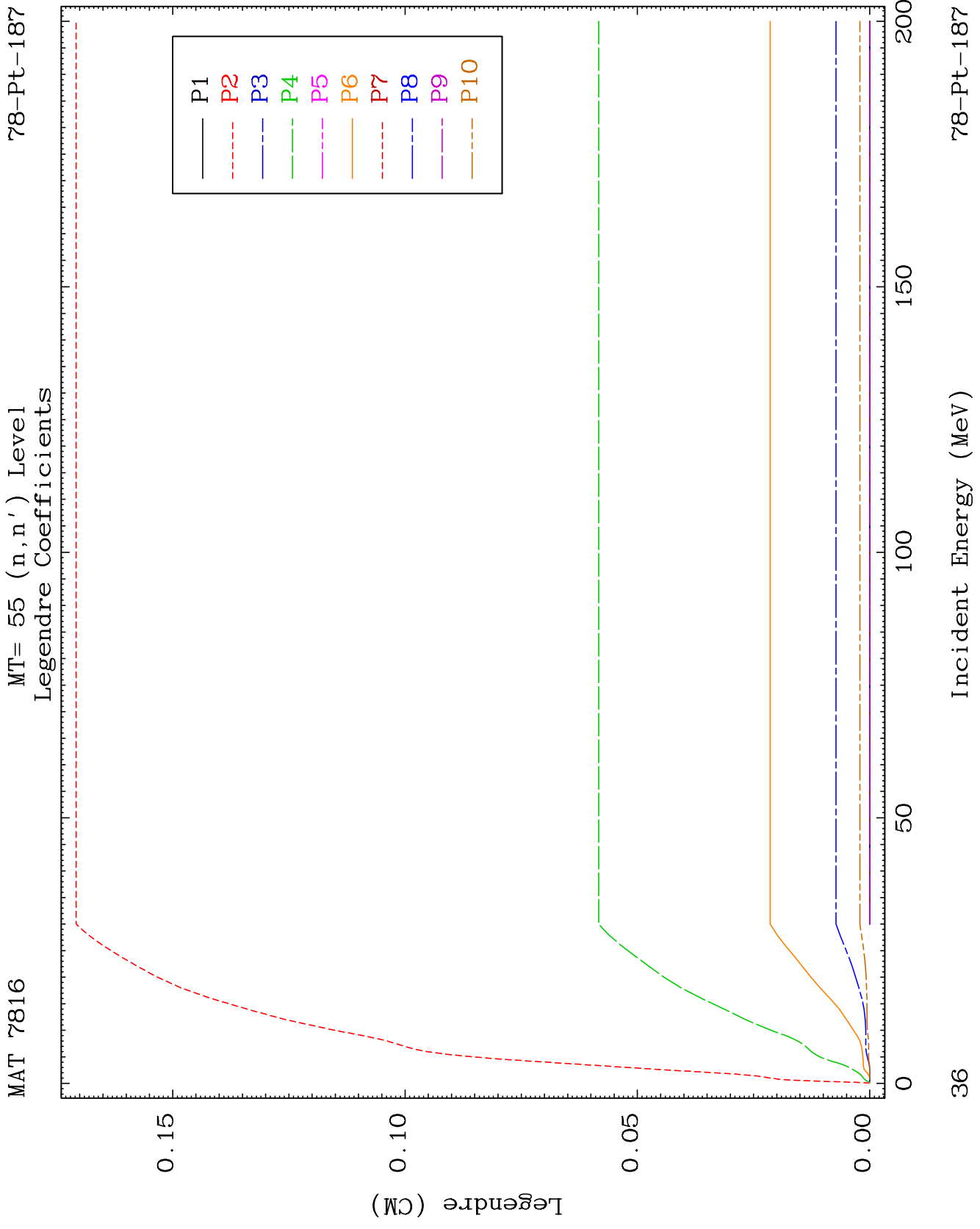
32

Incident Energy (MeV)

78-Pt-187



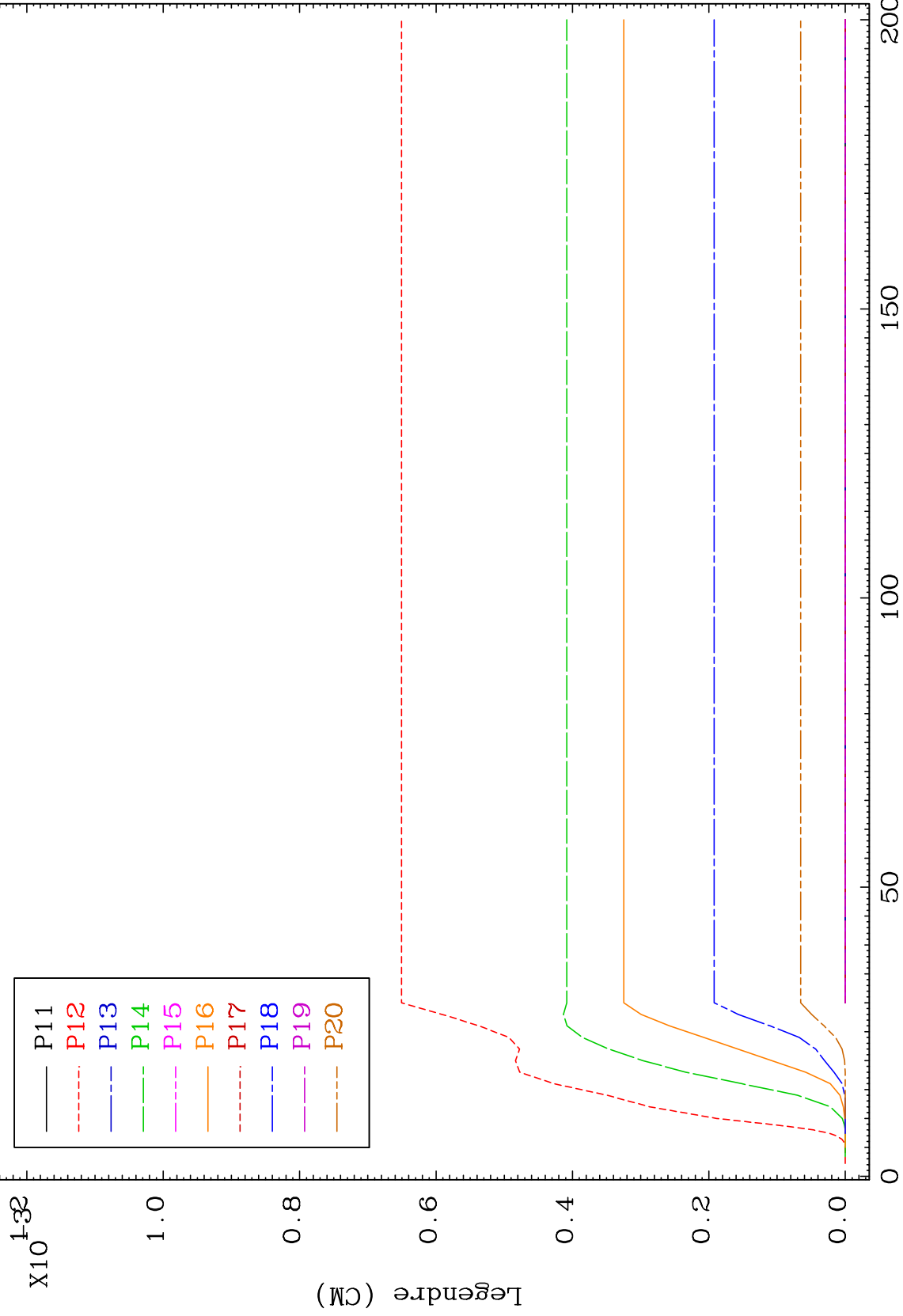




MAT 7816

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

78-Pt-187



37

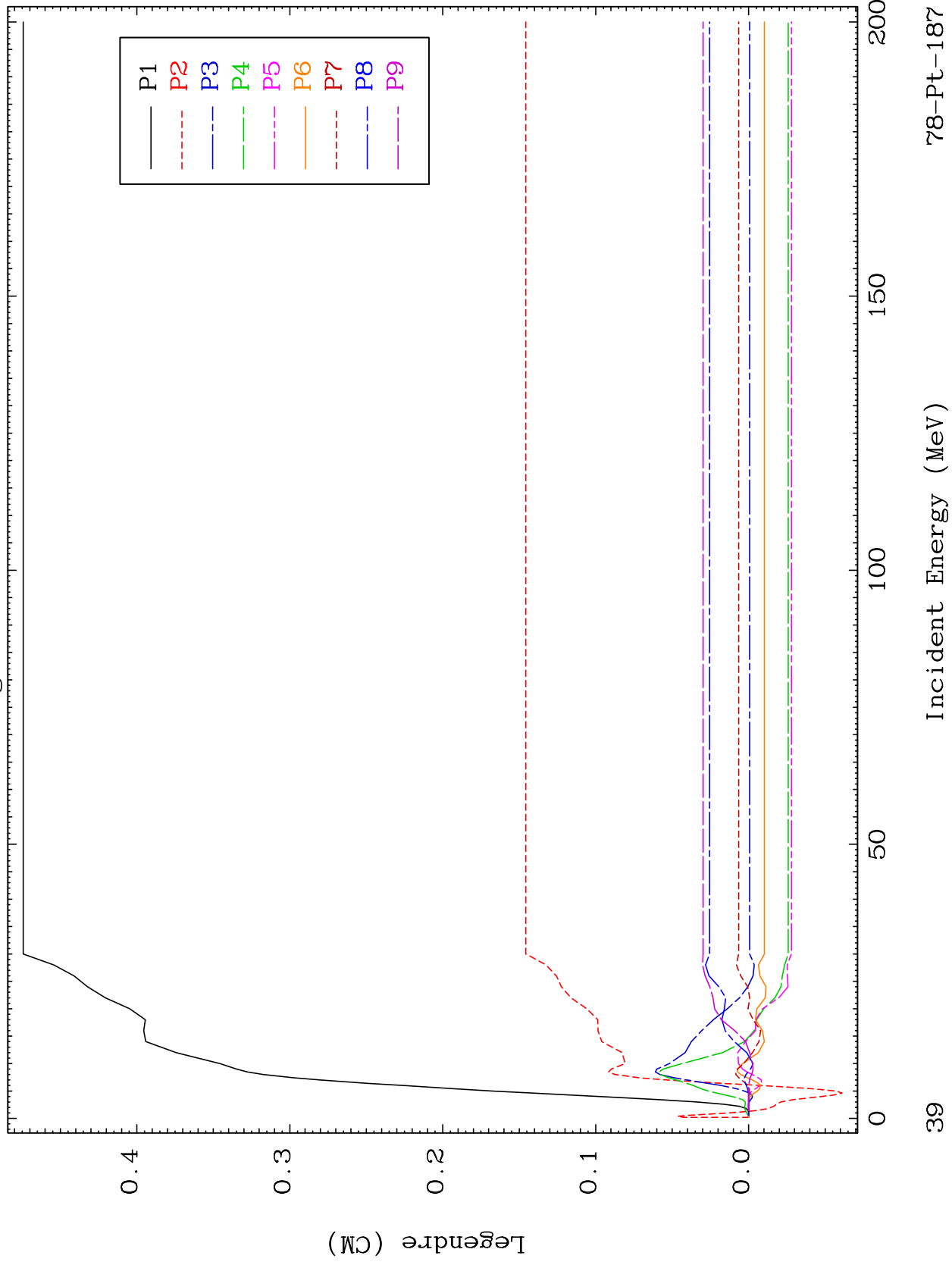
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

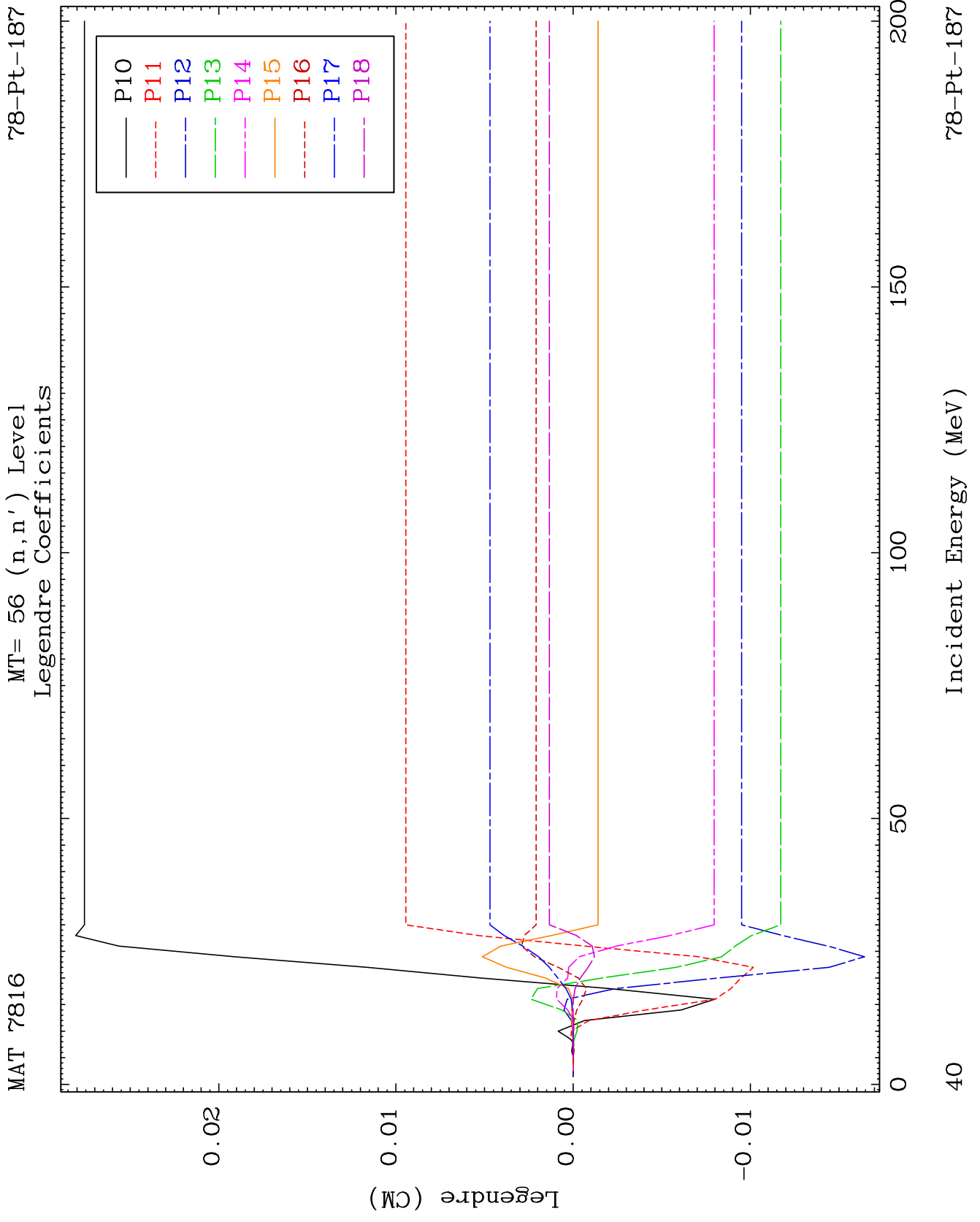
78-Pt-187



78-Pt-187

Incident Energy (MeV)

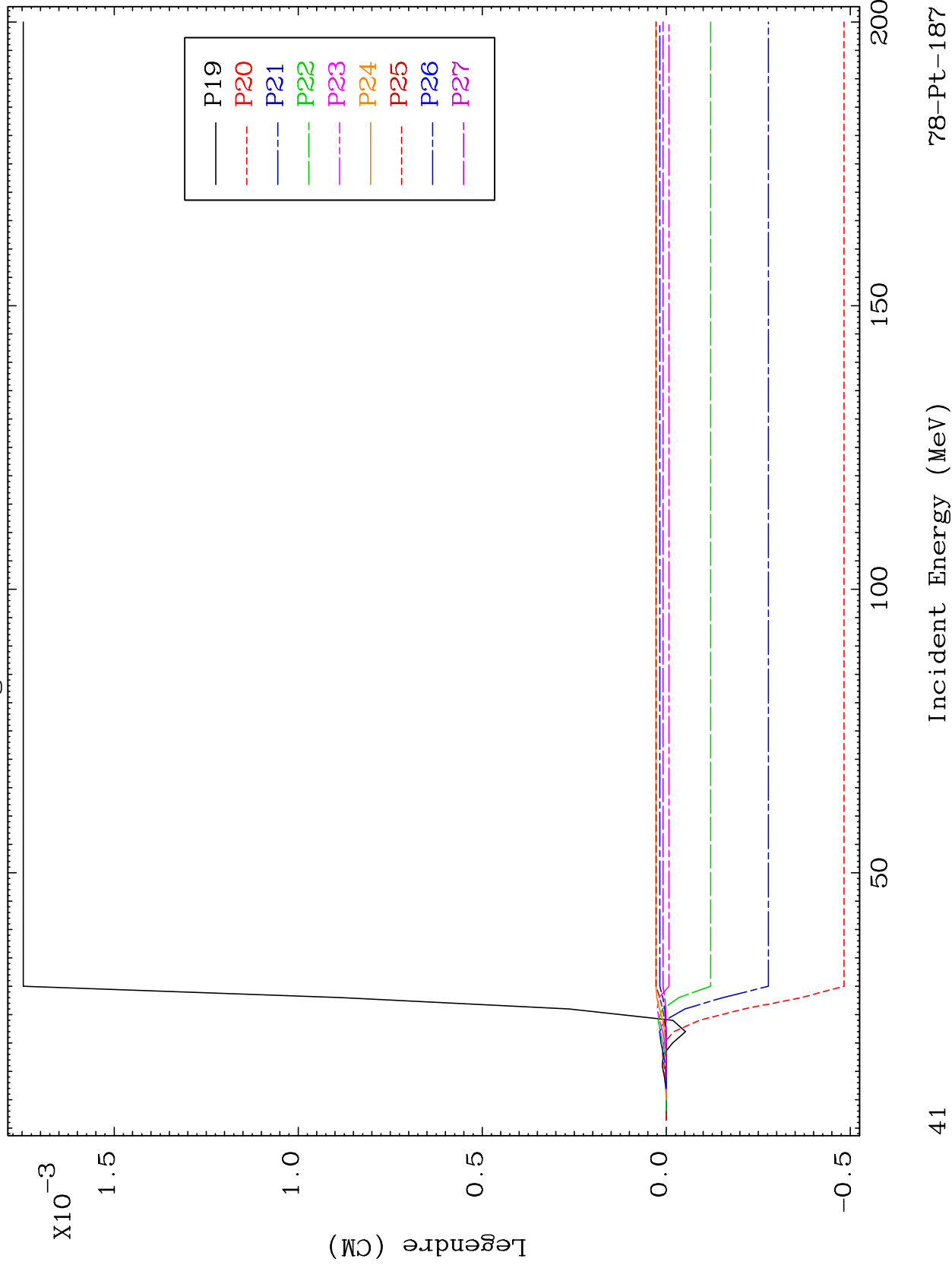
39



MAT 7816

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

78-Pt-187



41

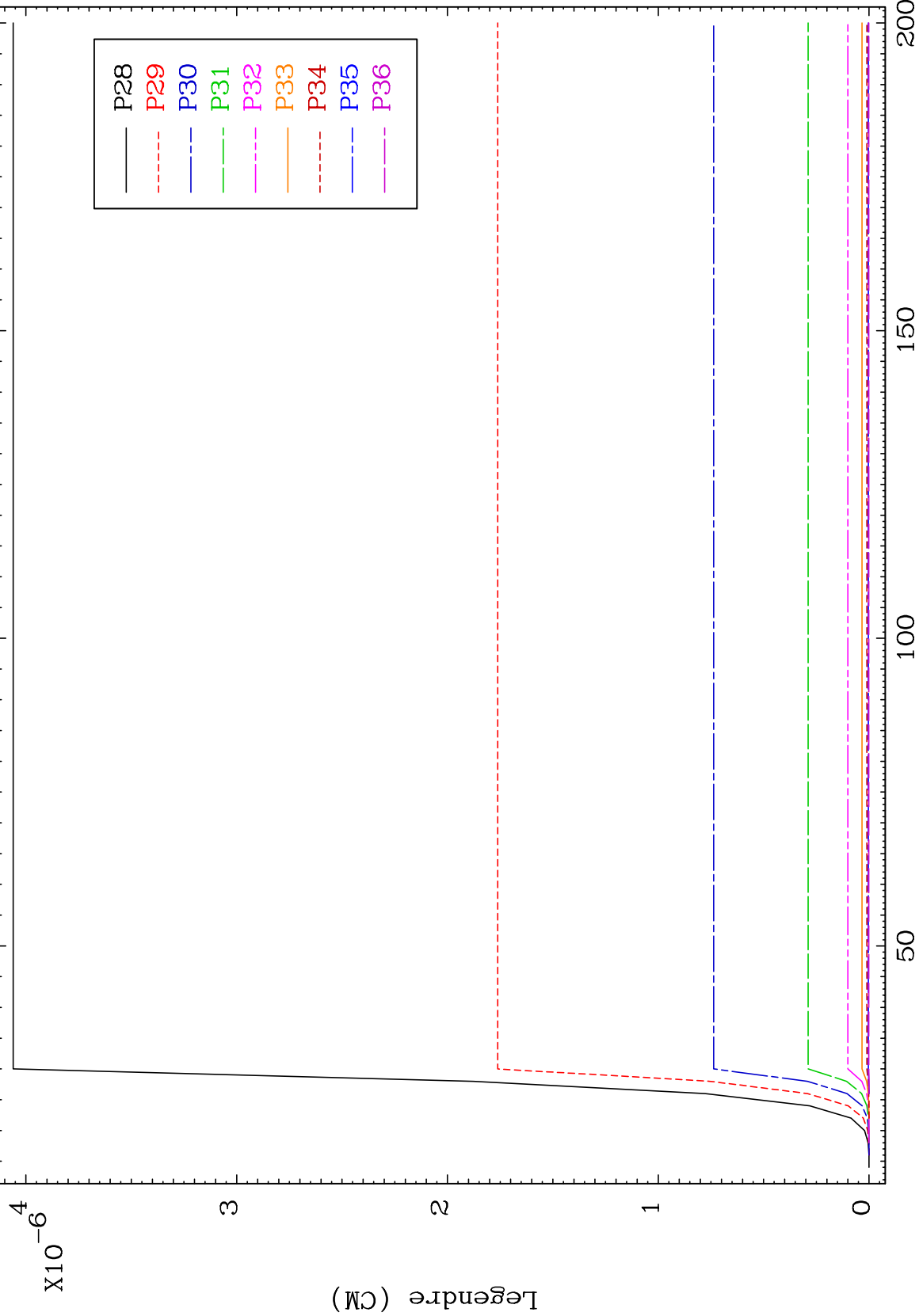
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

78-Pt-187



42

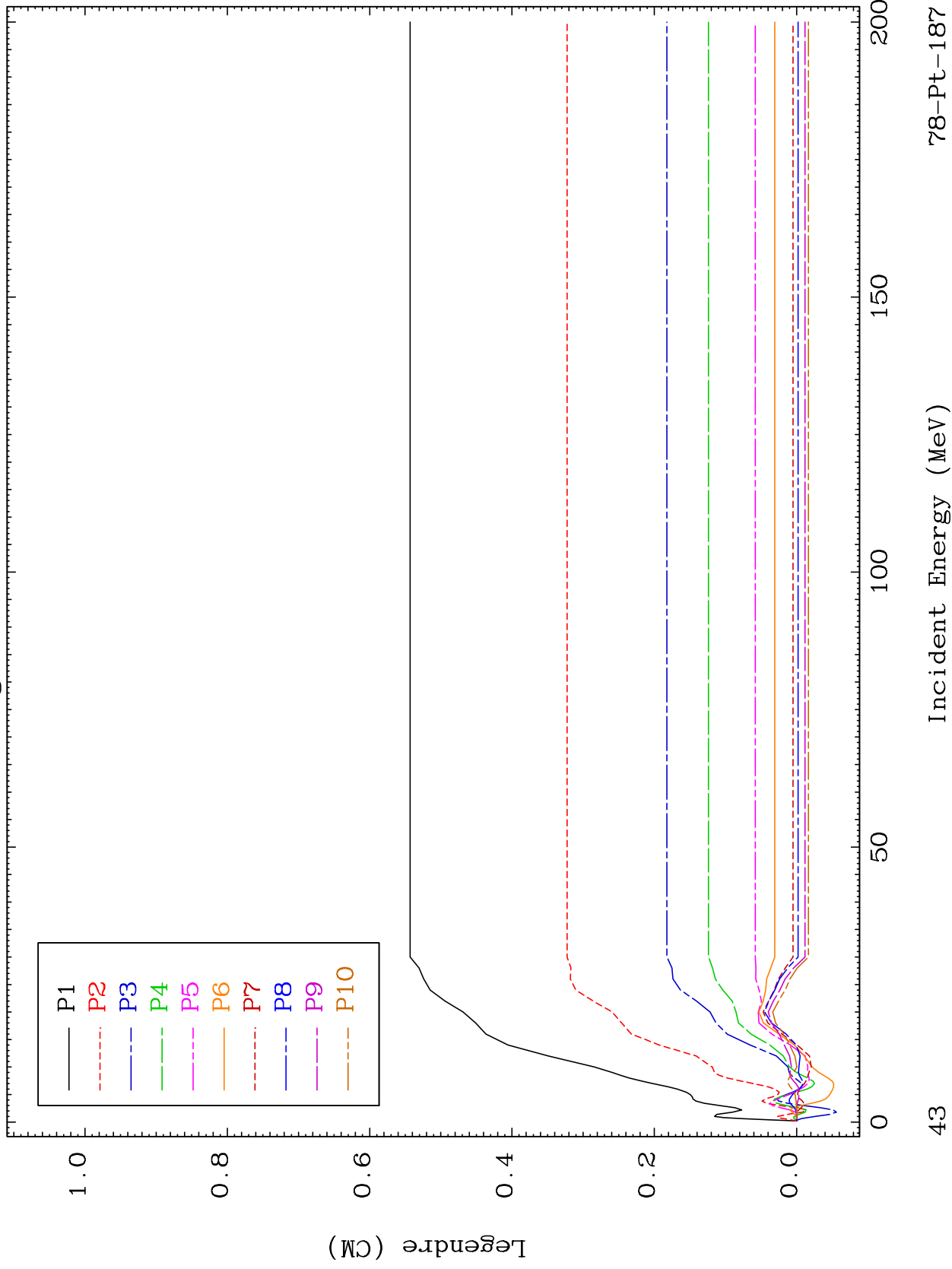
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

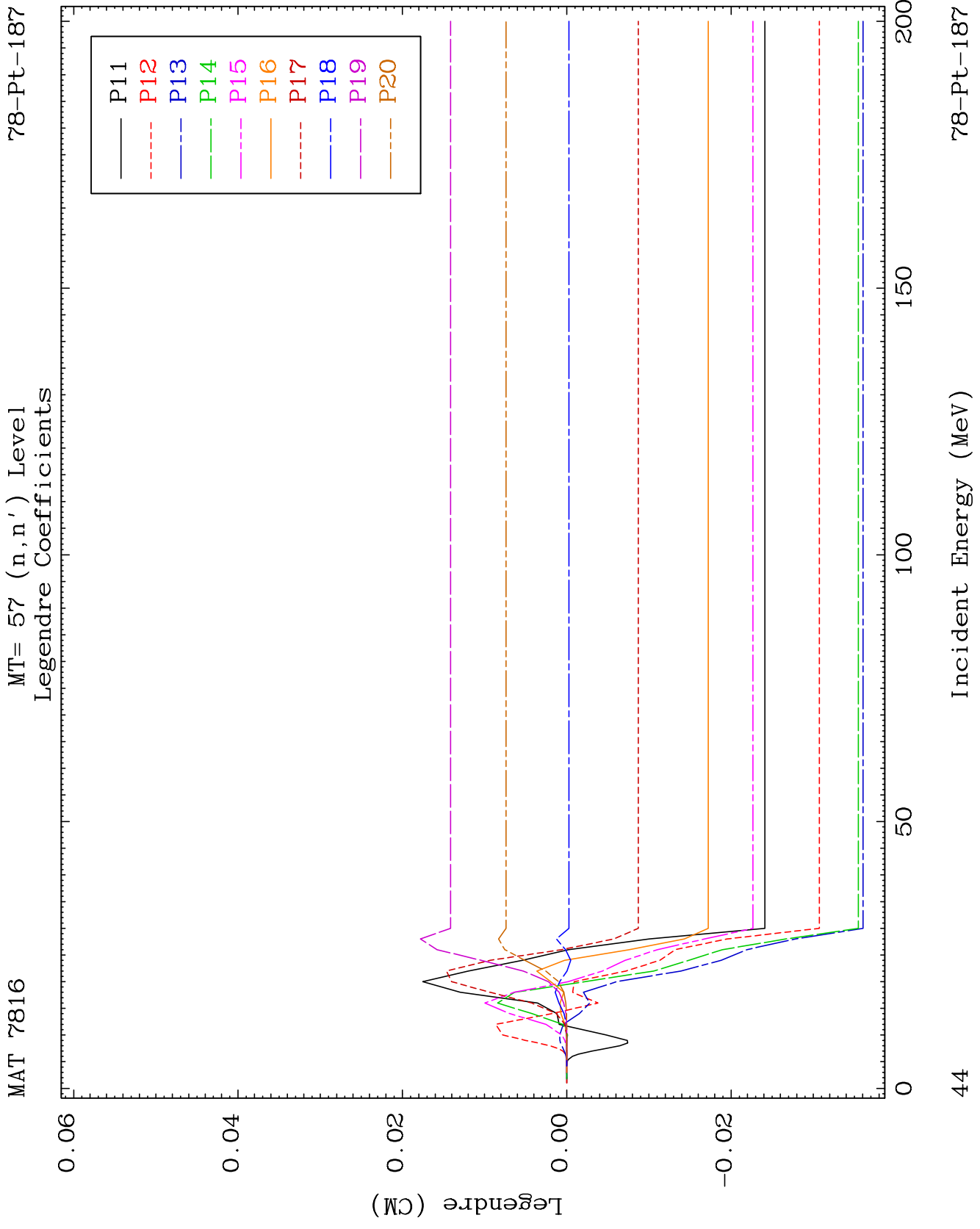
78-Pt-187



78-Pt-187

Incident Energy (MeV)

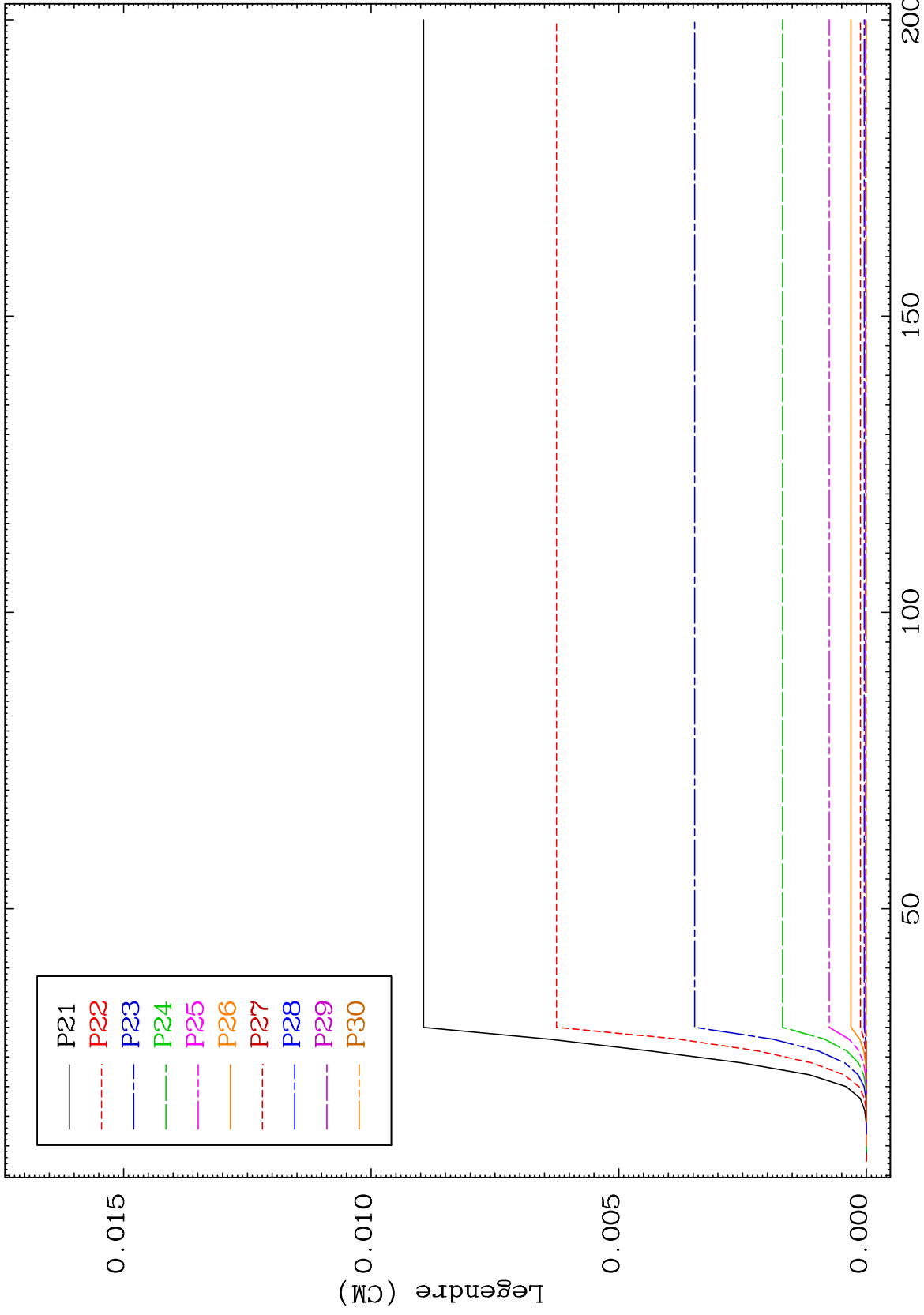
43



MAT 7816

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

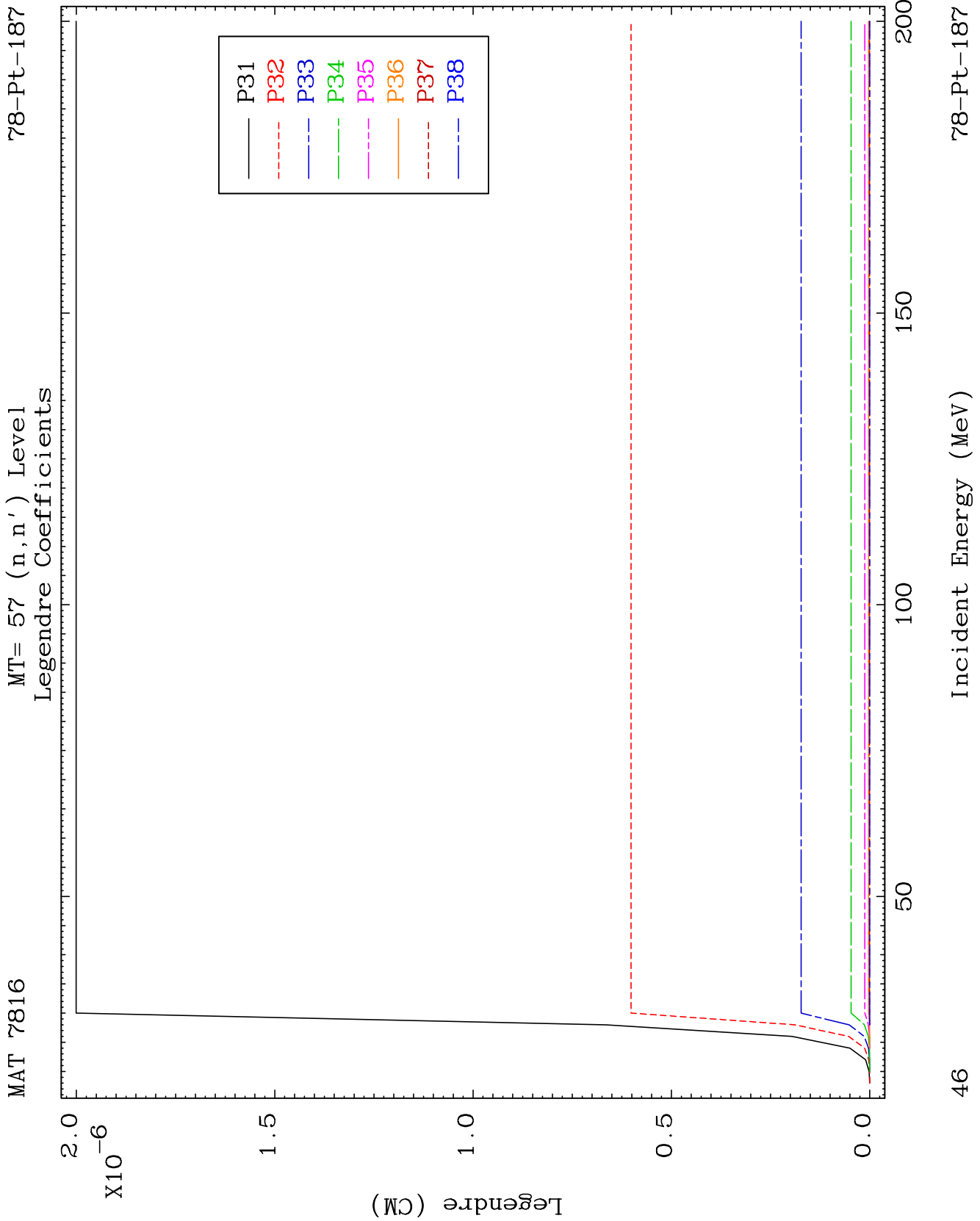
78-Pt-187



45

Incident Energy (MeV)

78-Pt-187

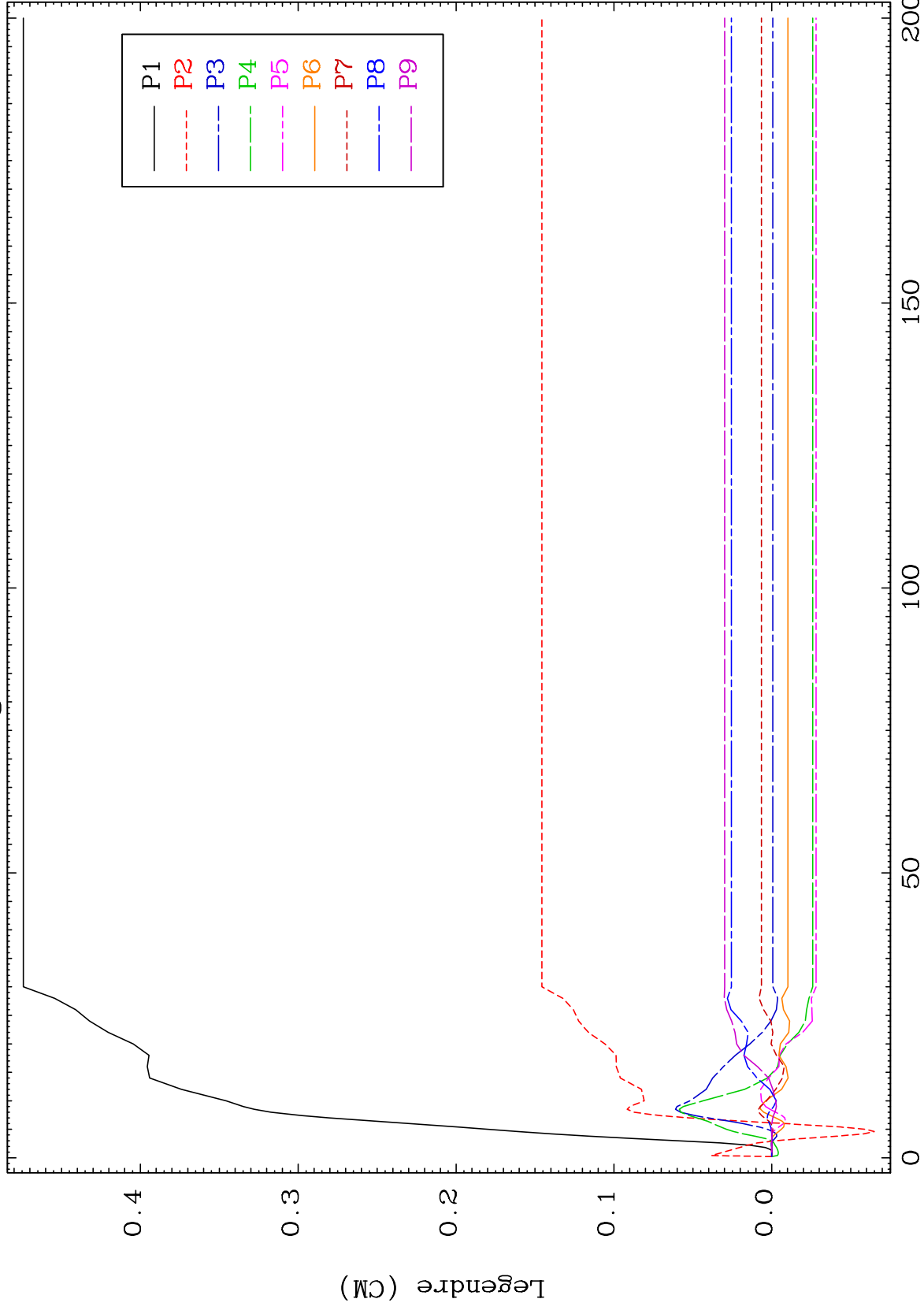


MAT 7816

MT= 58 (n,n') Level

78-Pt-187

Legendre Coefficients



47

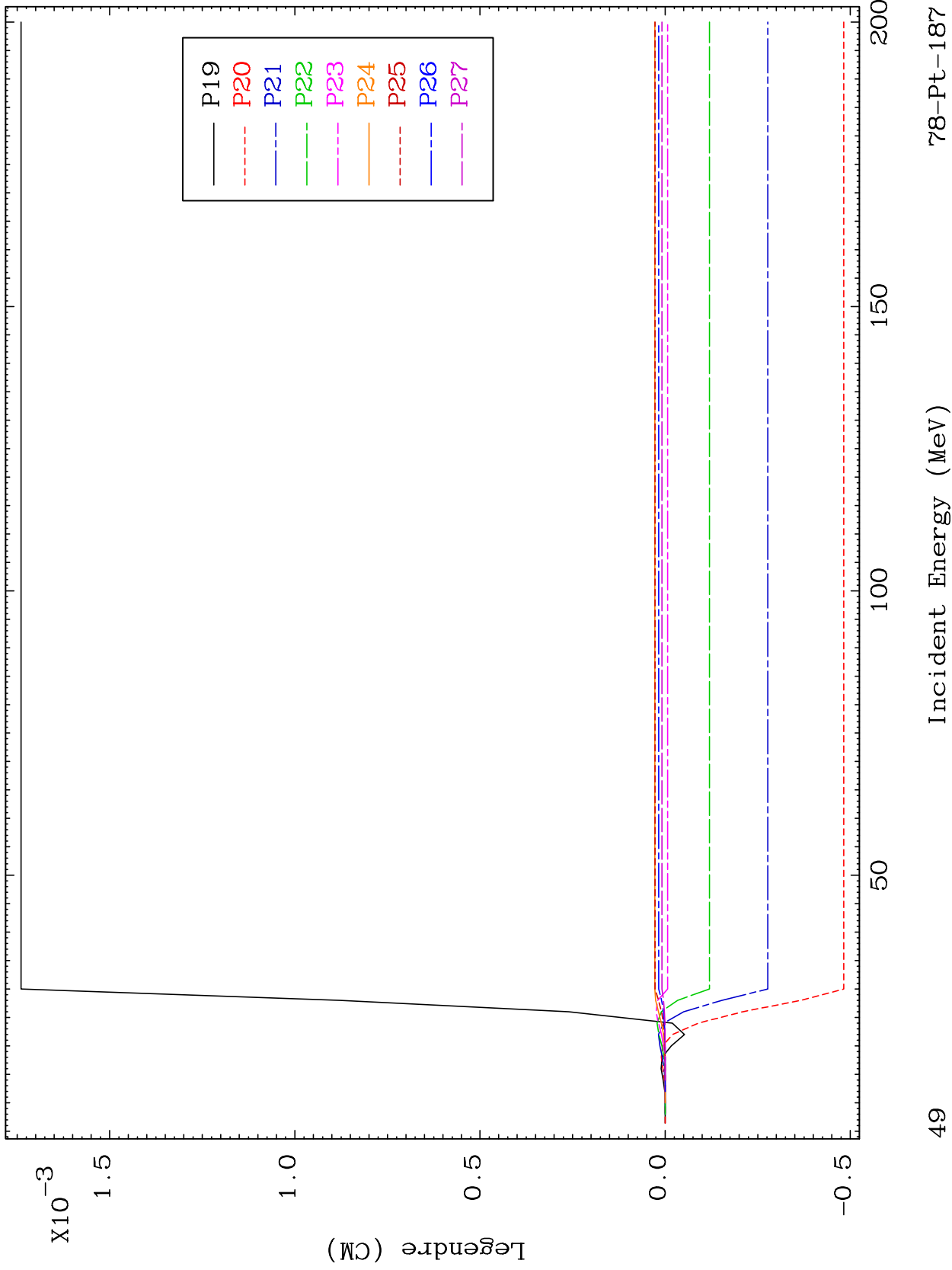
Incident Energy (MeV)

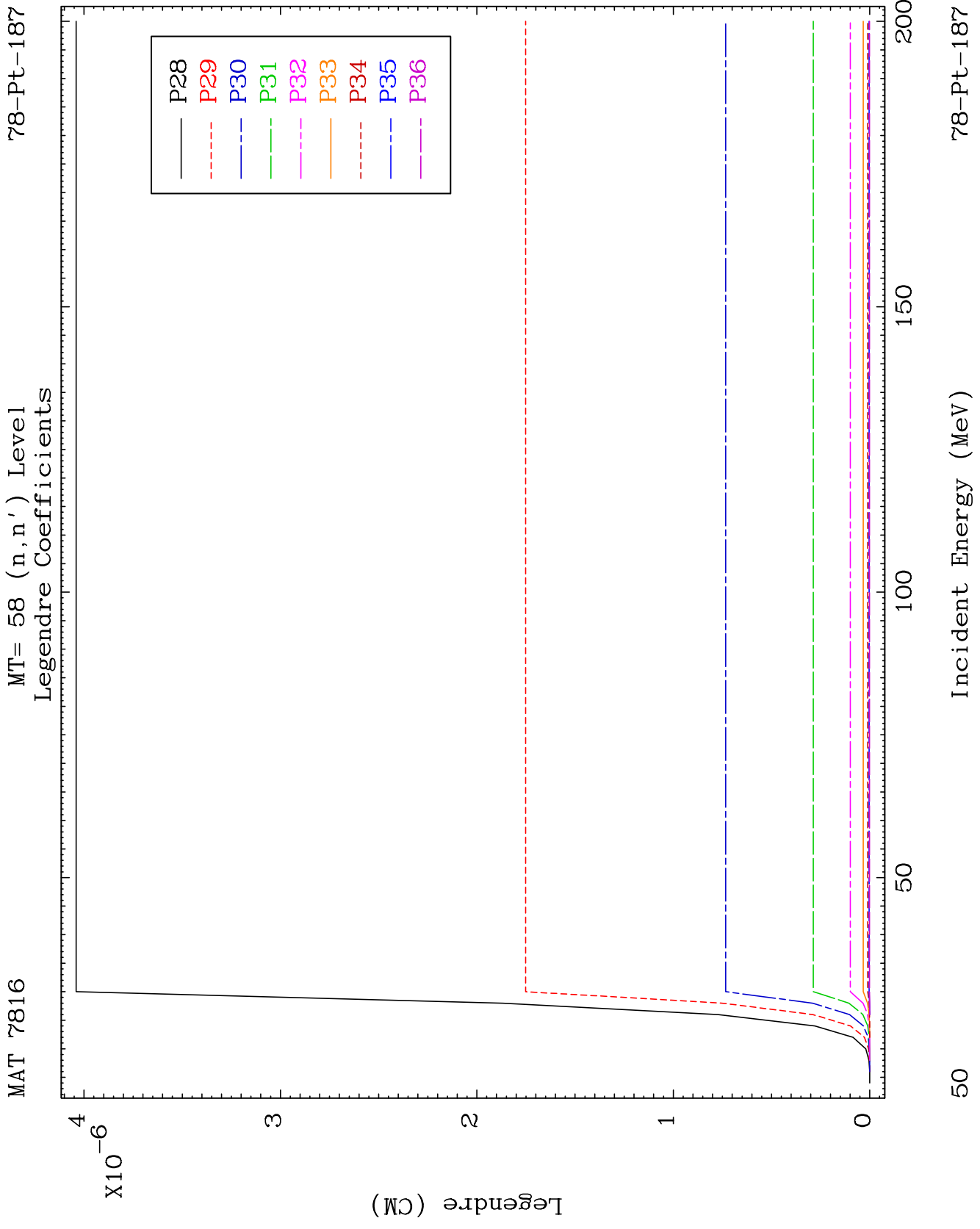
78-Pt-187

MAT 7816

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

78-Pt-187

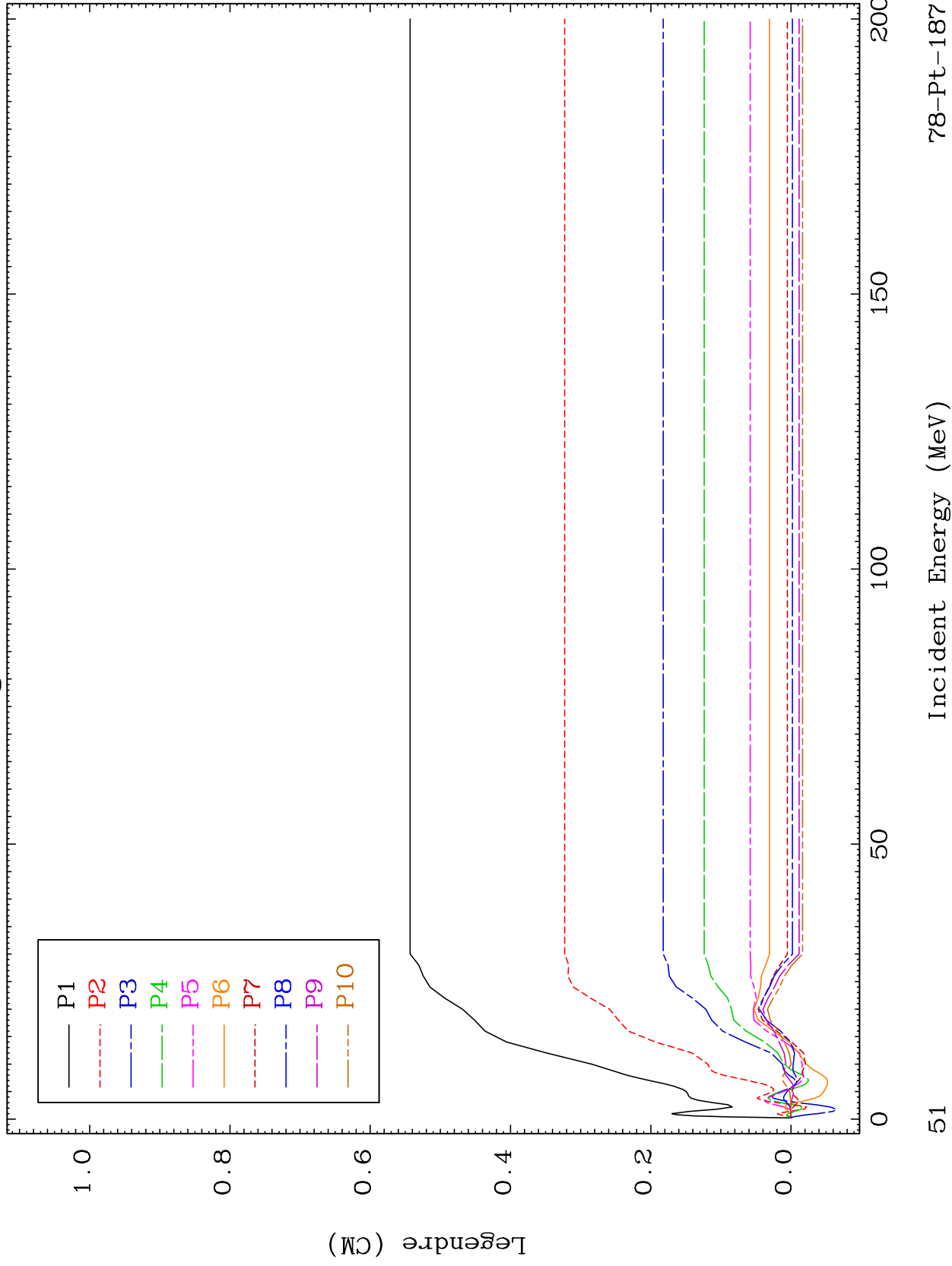




MAT 7816

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

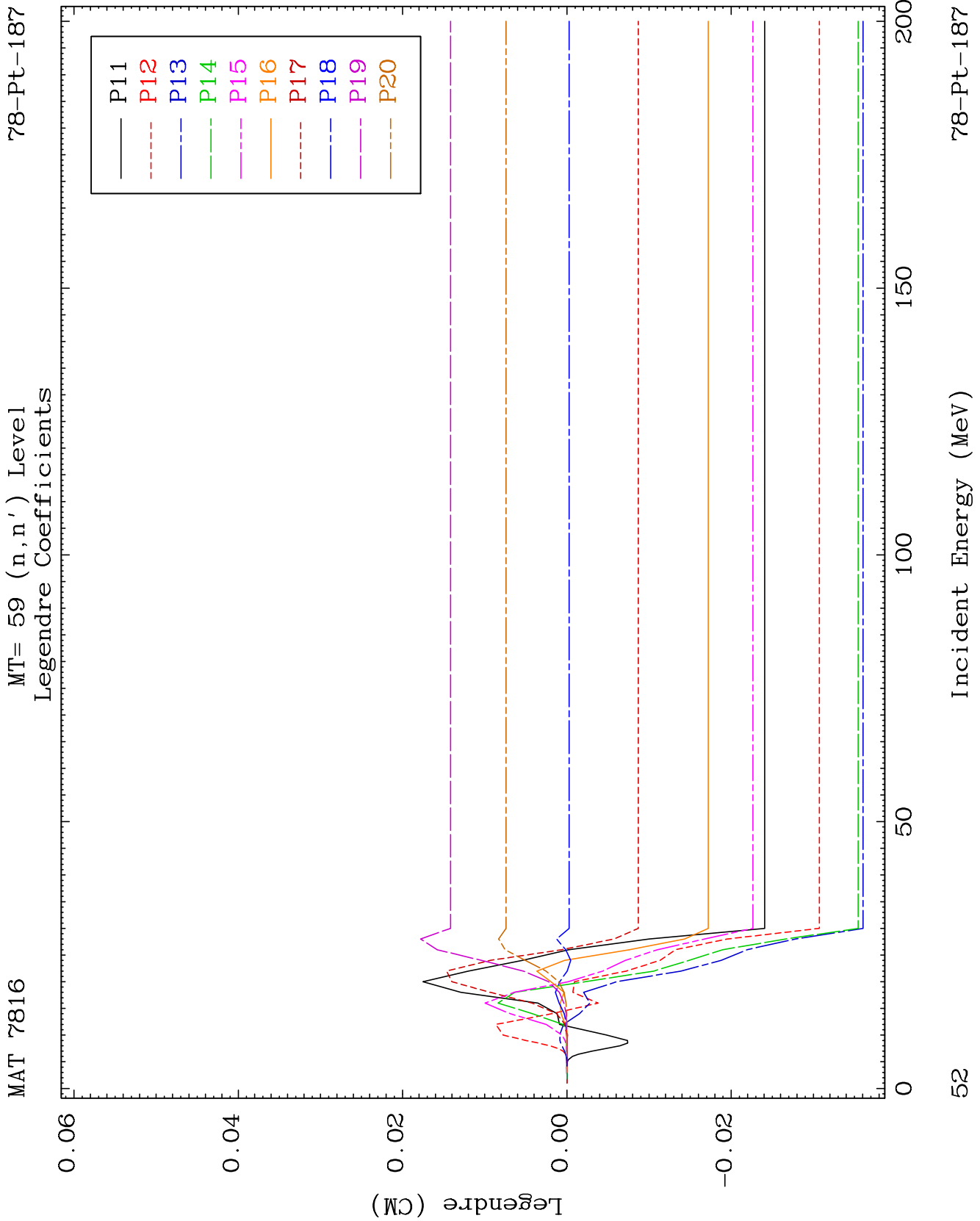
78-Pt-187



78-Pt-187

Incident Energy (MeV)

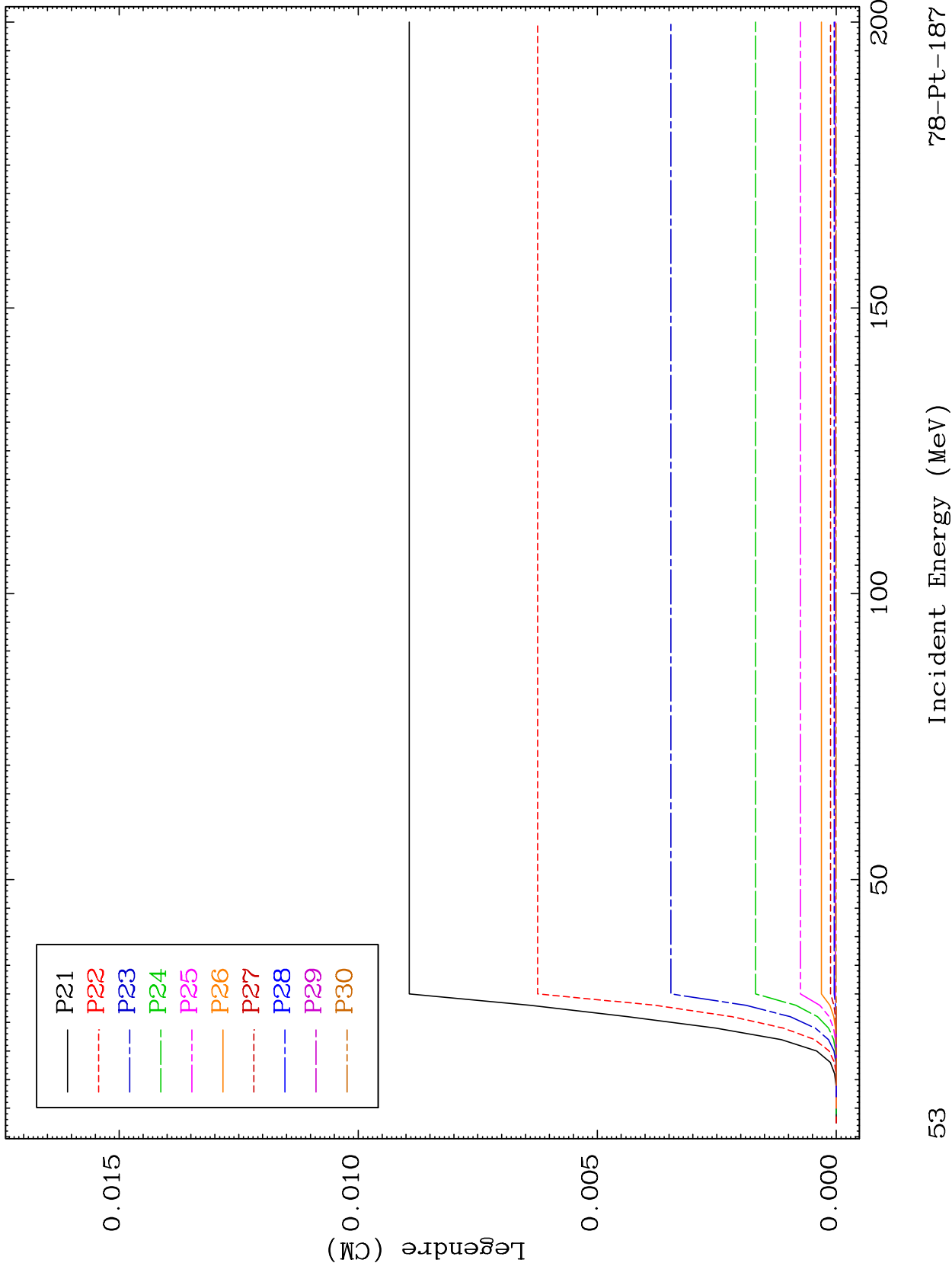
51



MAT 7816

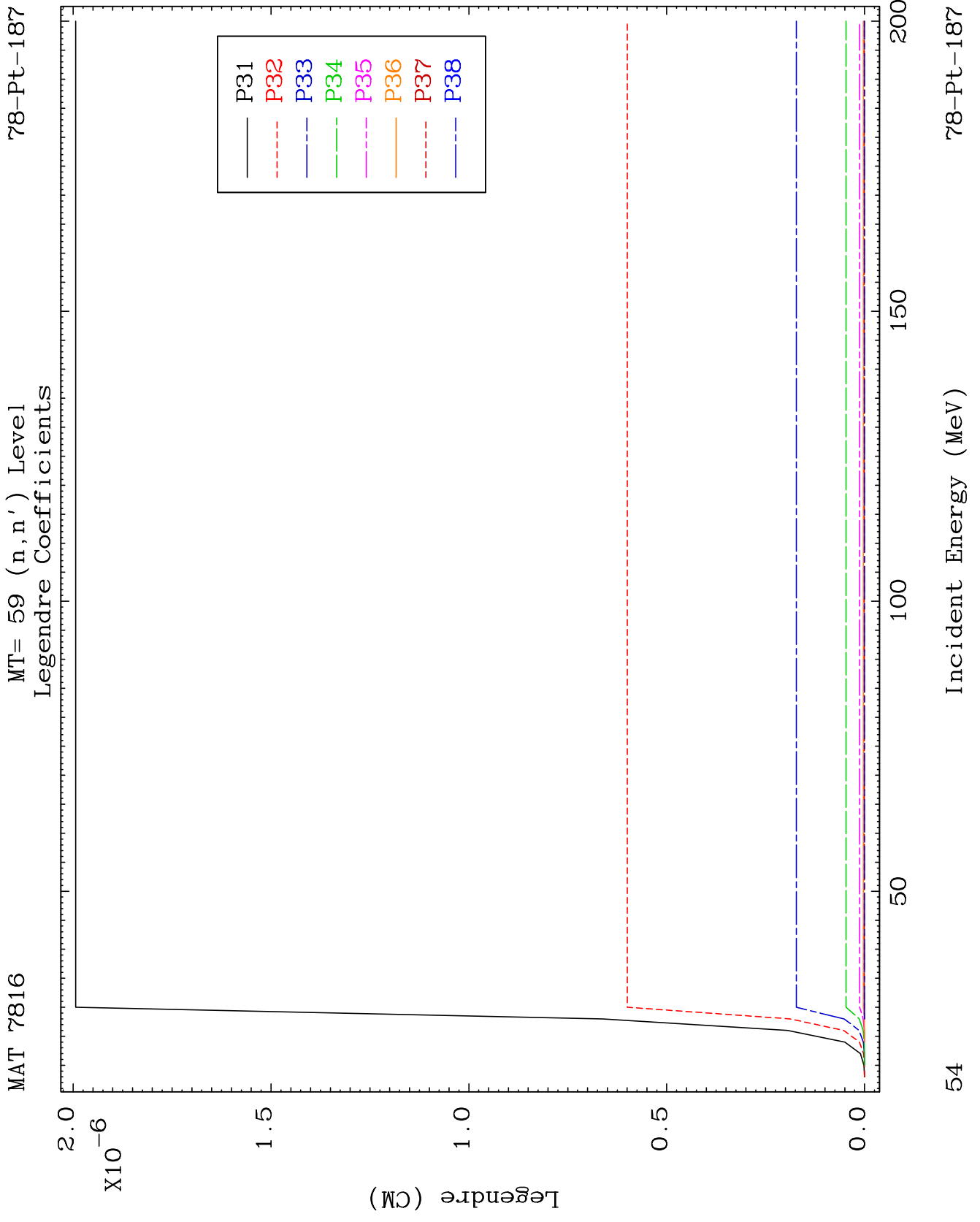
MT= 59 (n,n') Level
Legendre Coefficients

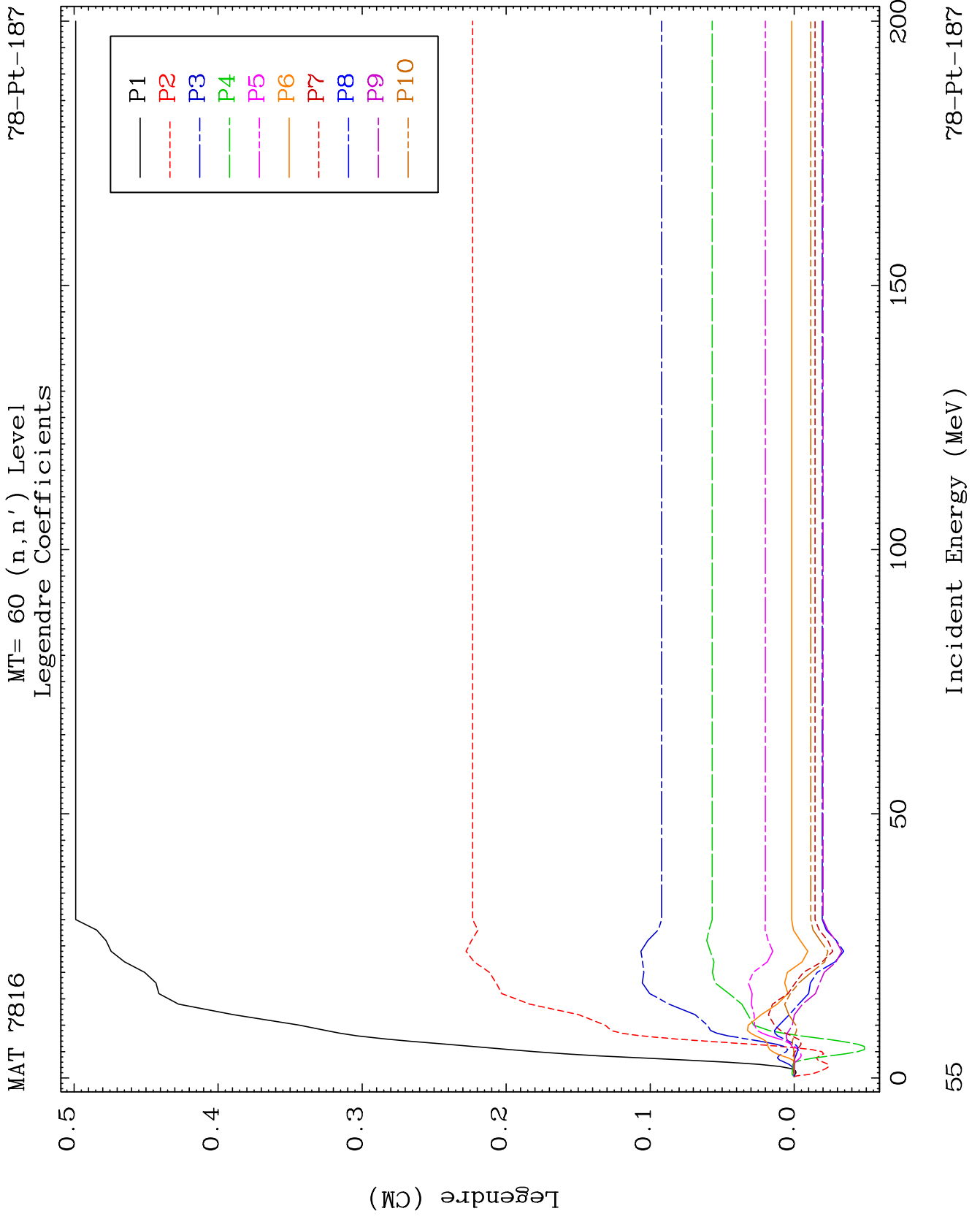
78-Pt-187

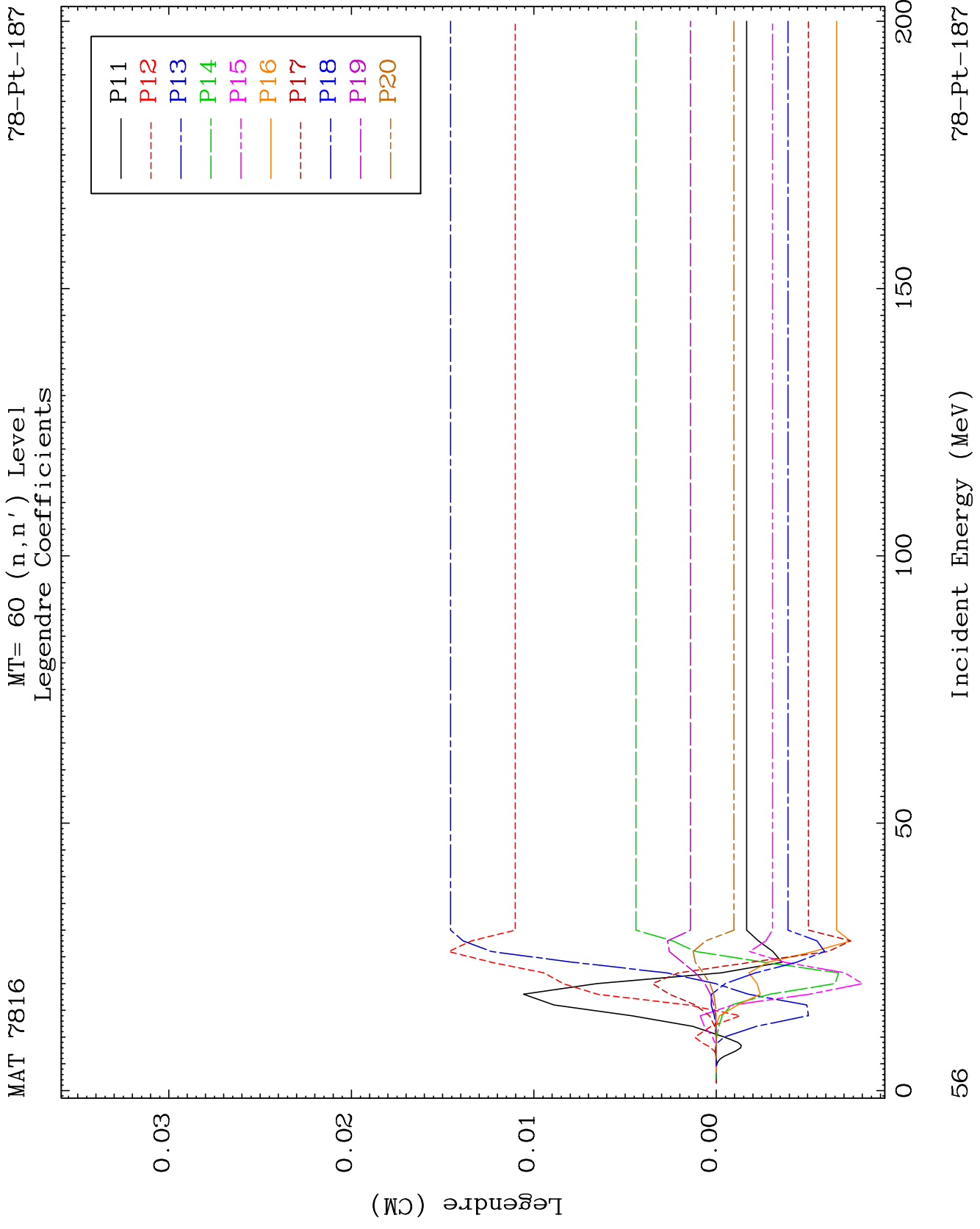


53

78-Pt-187



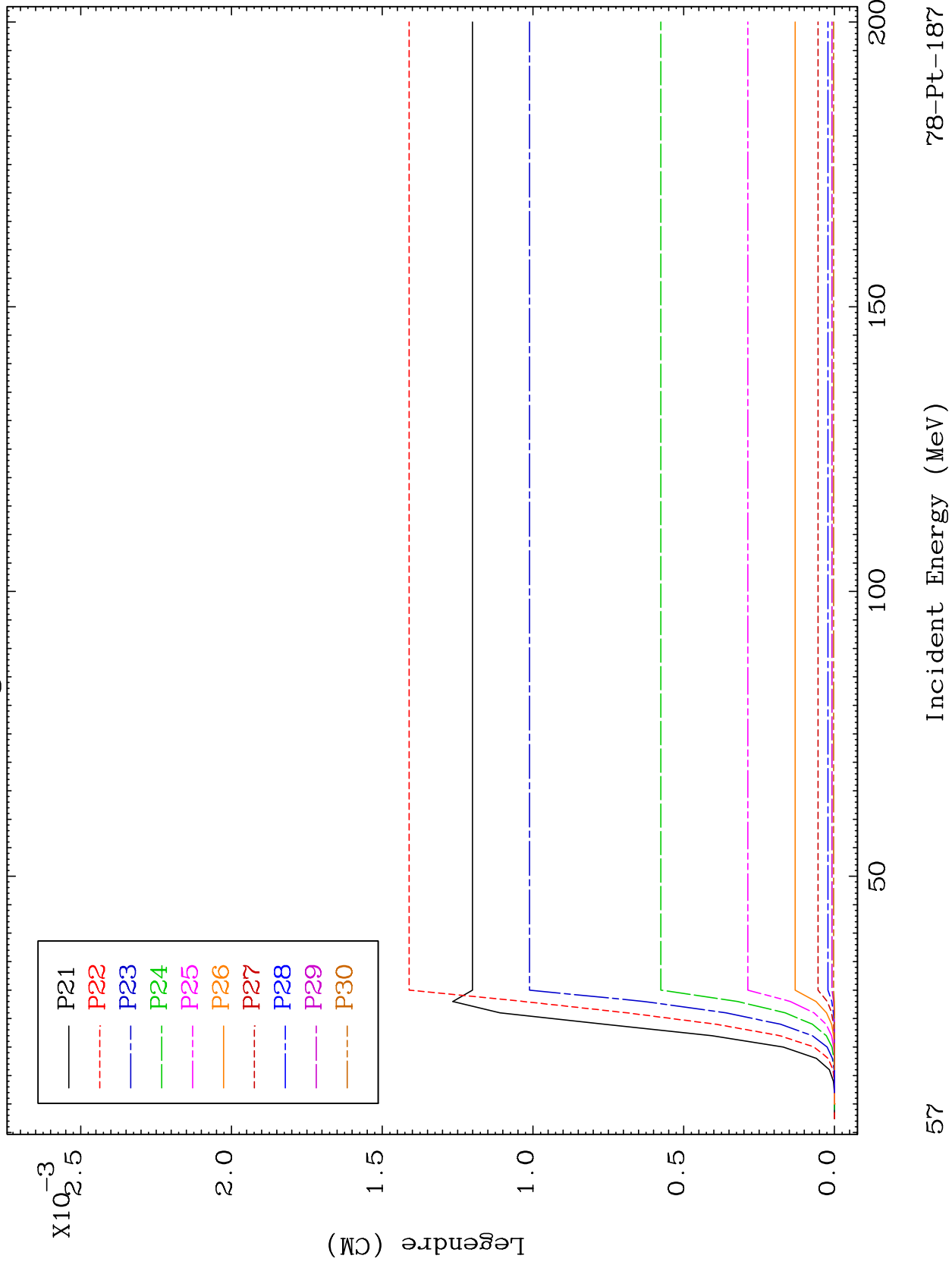




MAT 7816

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

78-Pt-187



57

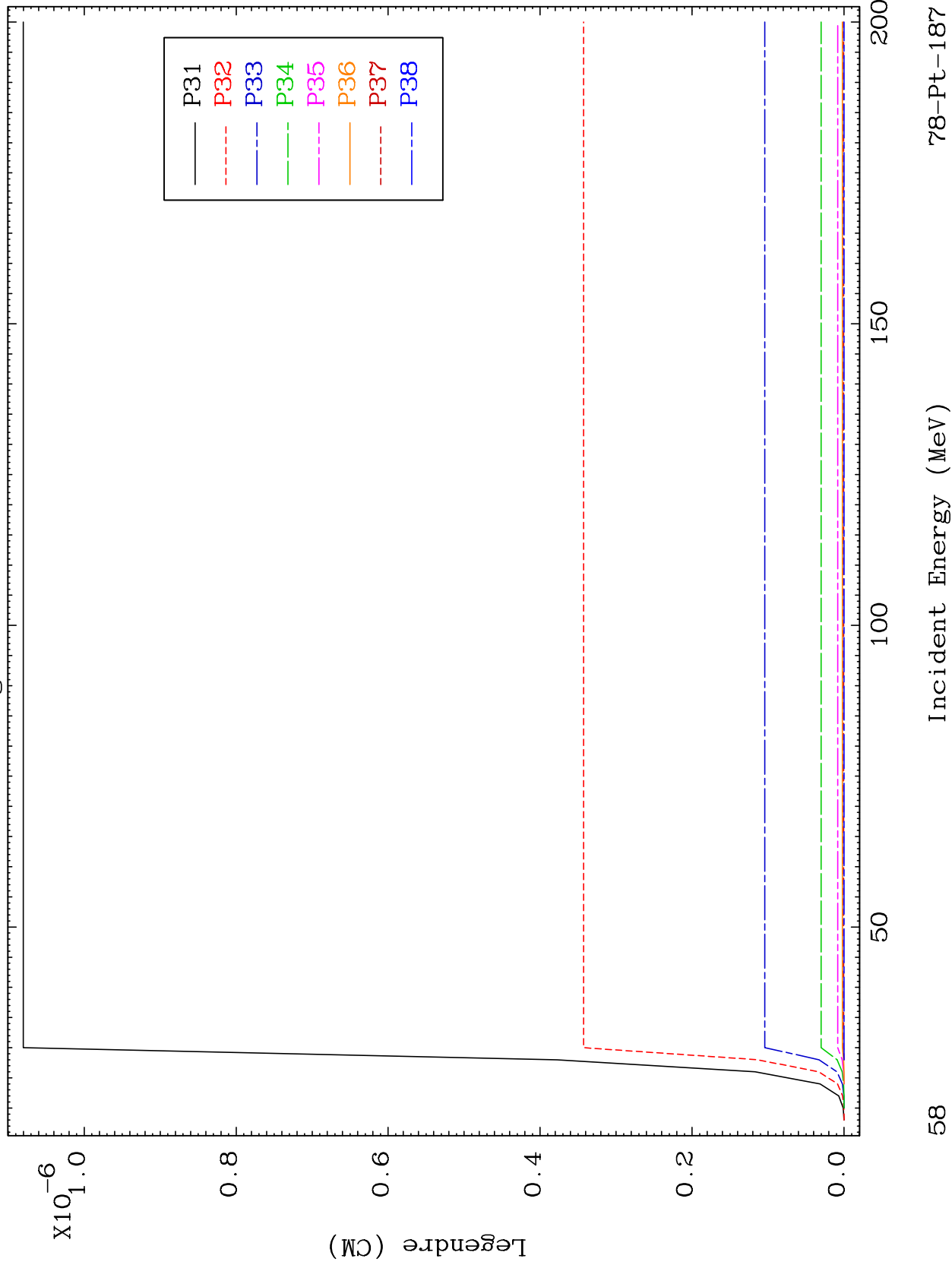
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

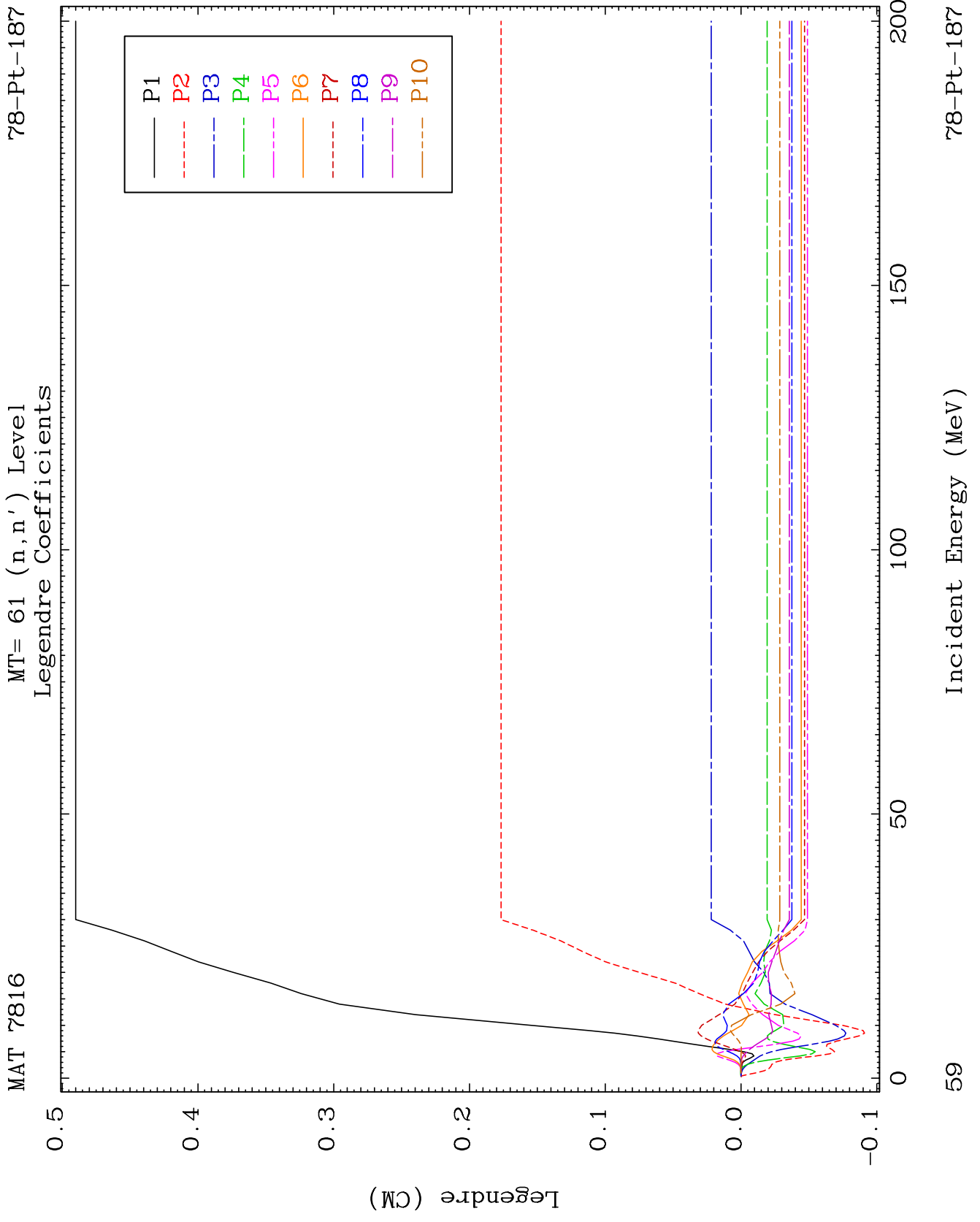
78-Pt-187



58

Incident Energy (MeV)

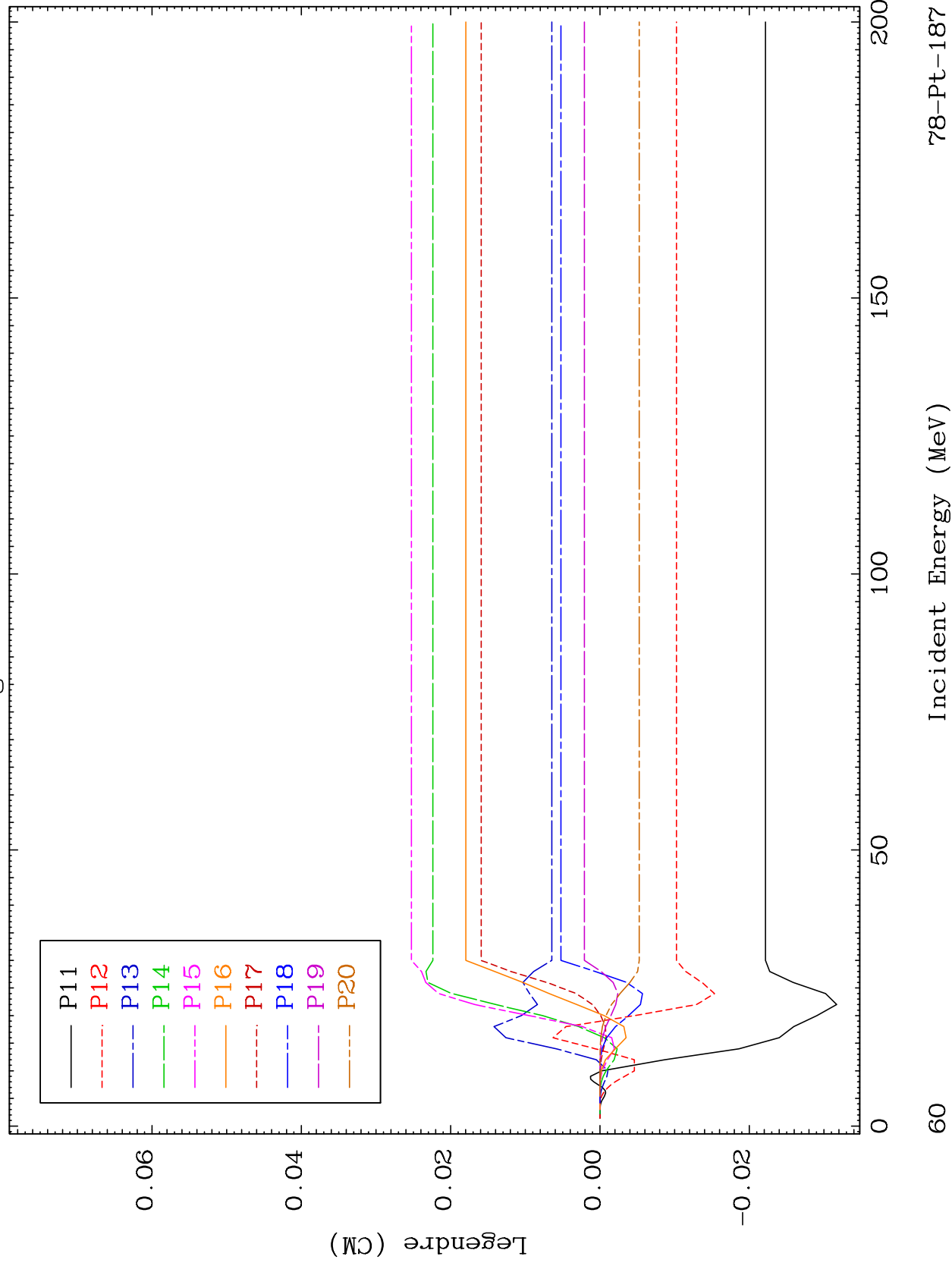
78-Pt-187



MAT 7816

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

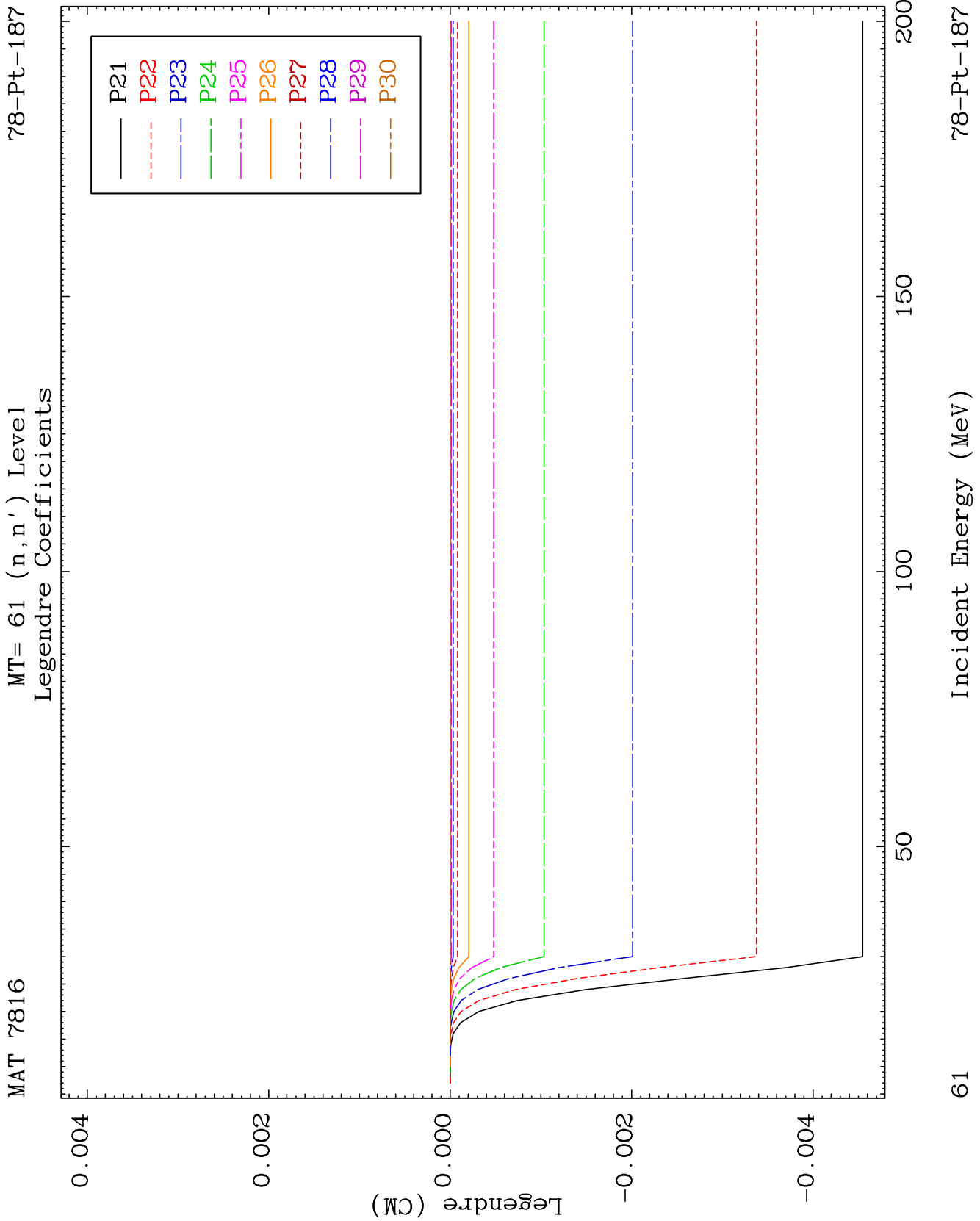
78-Pt-187

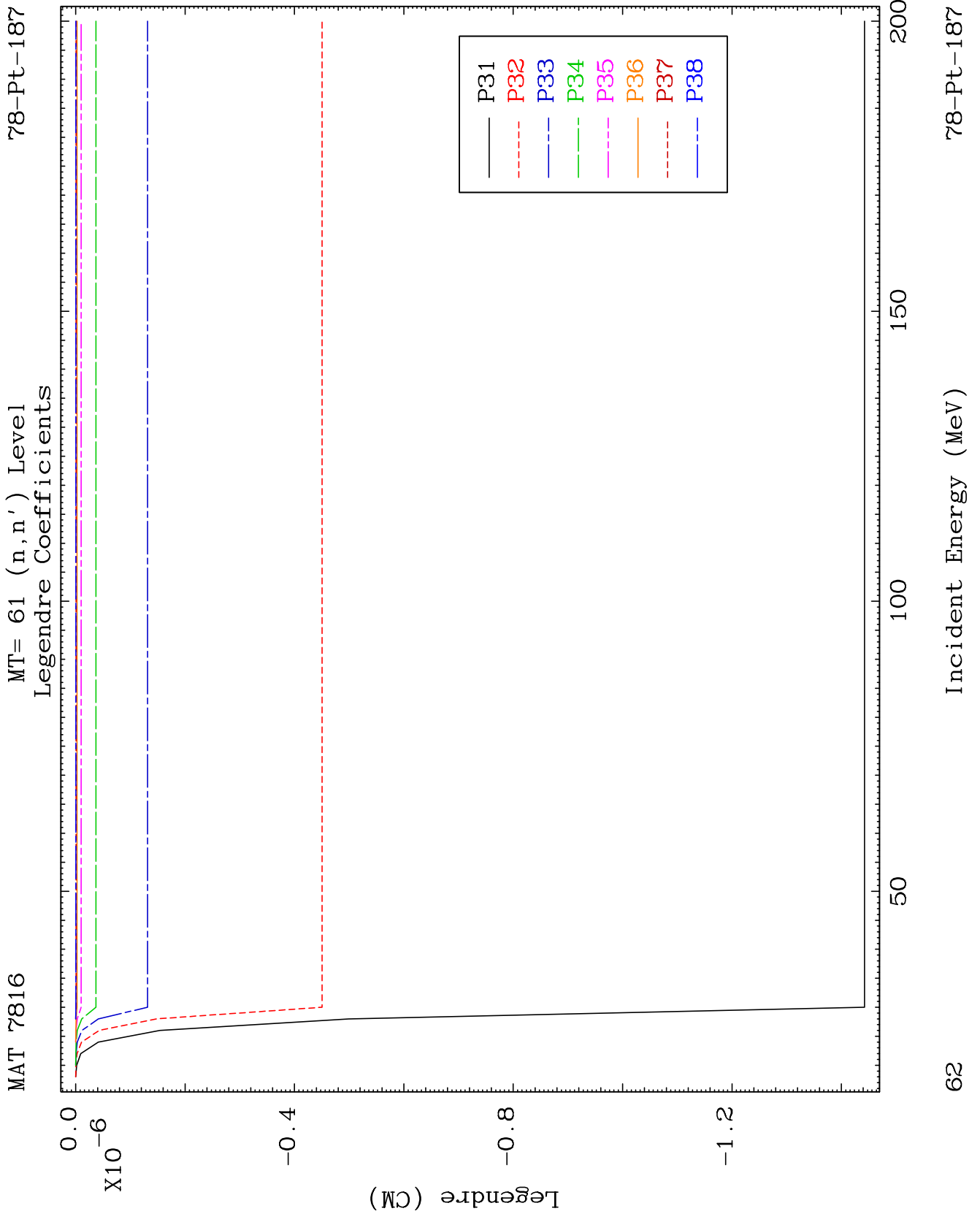


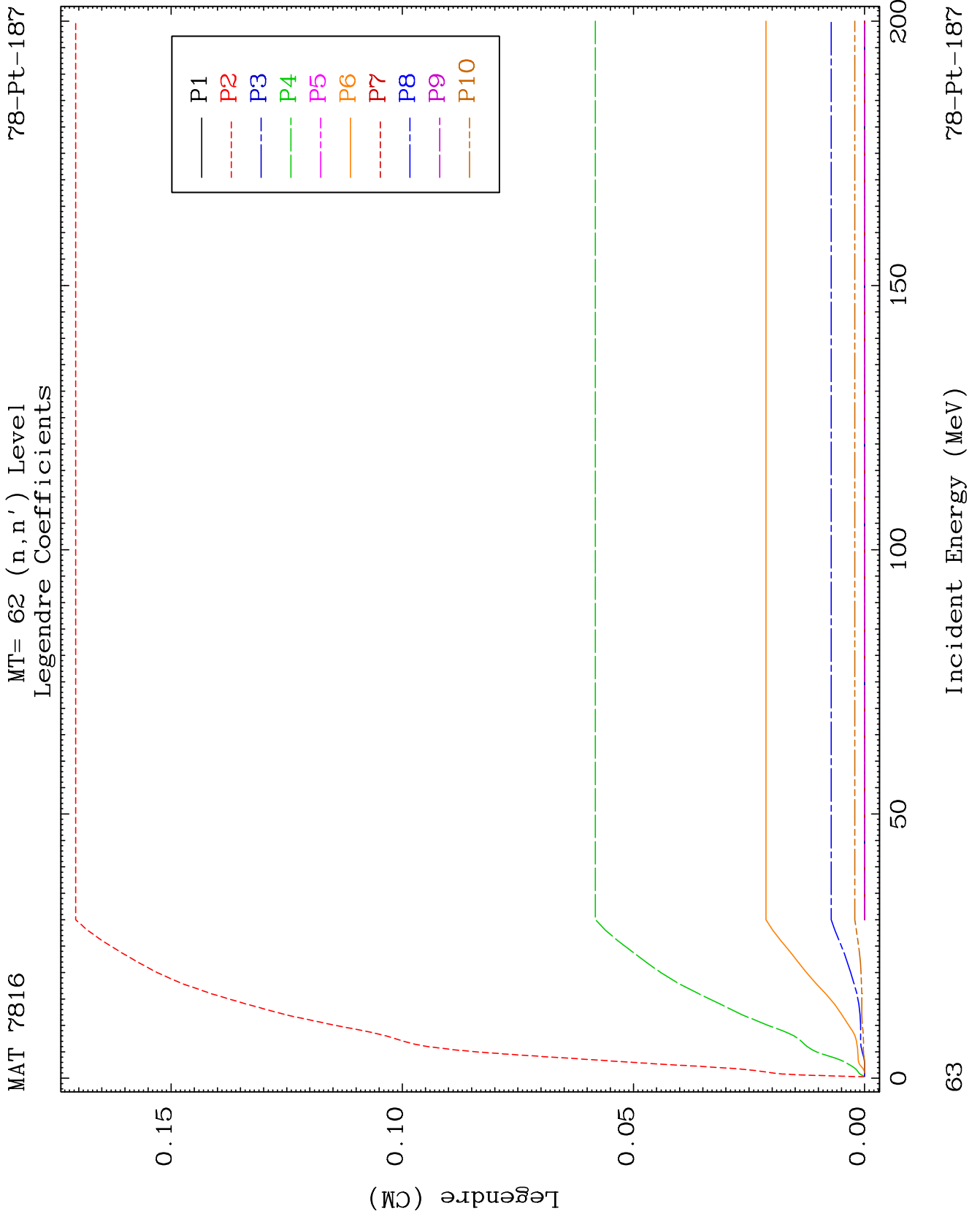
78-Pt-187

Incident Energy (MeV)

60



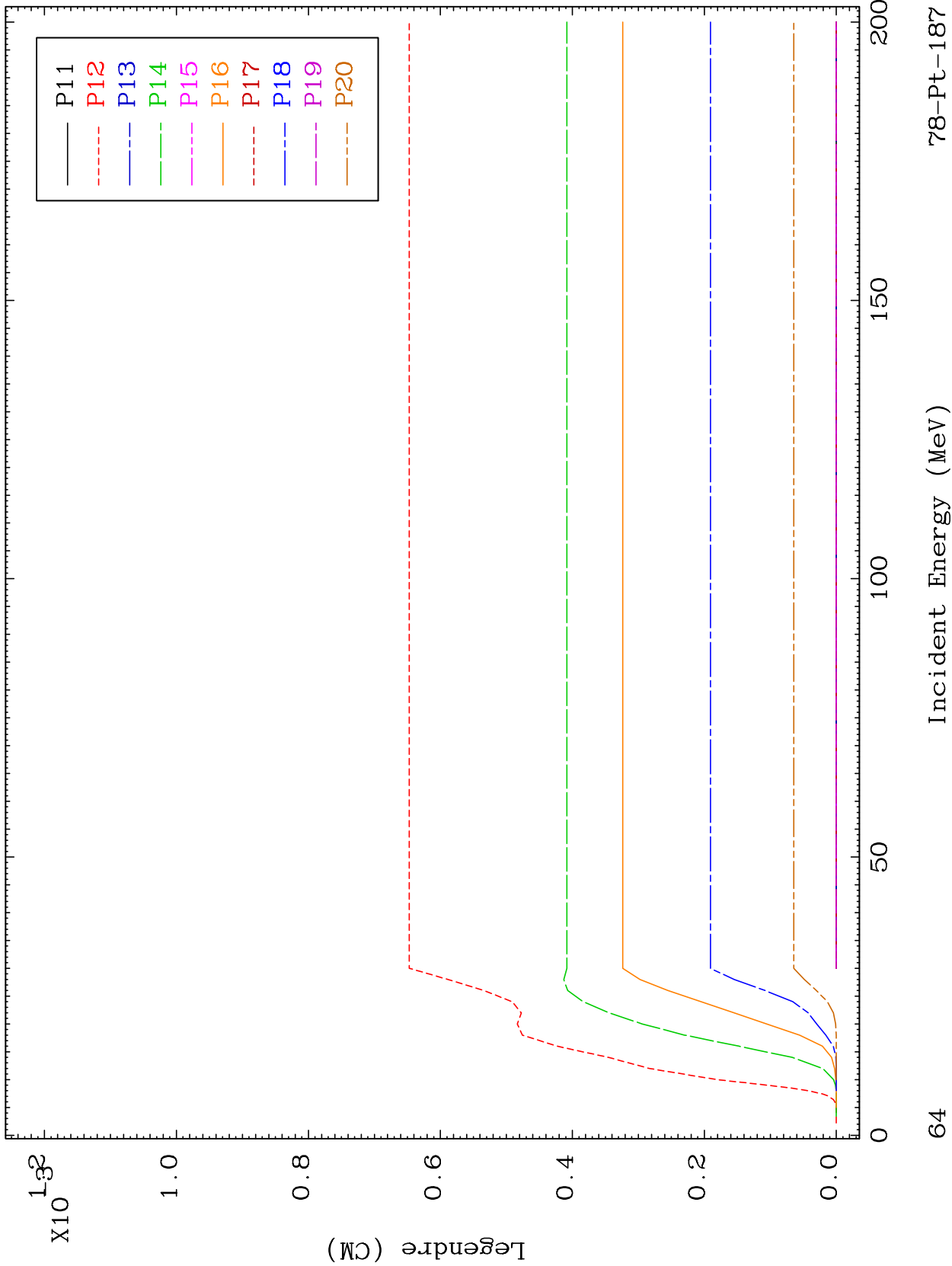




MAT 7816

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

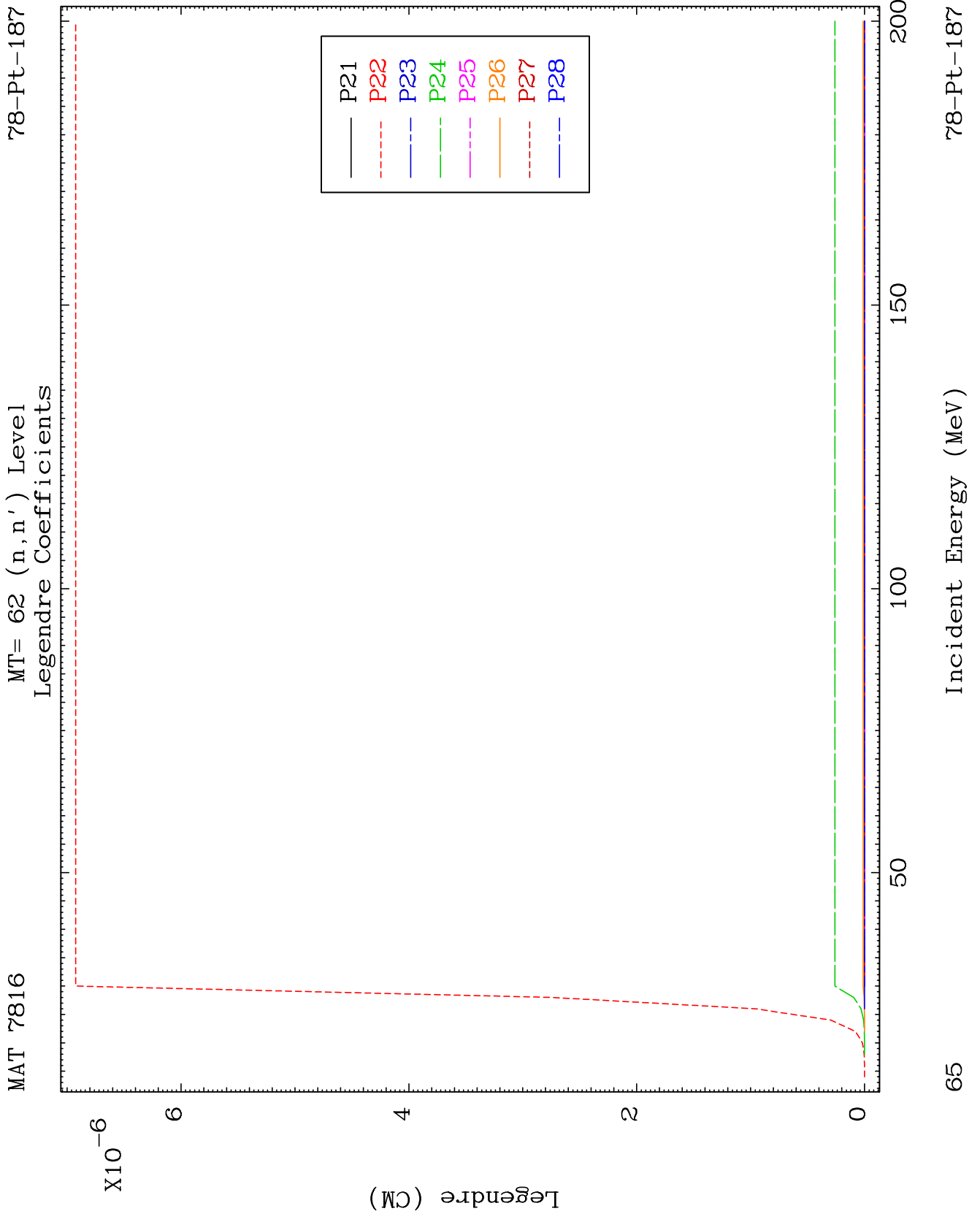
78-Pt-187



78-Pt-187

Incident Energy (MeV)

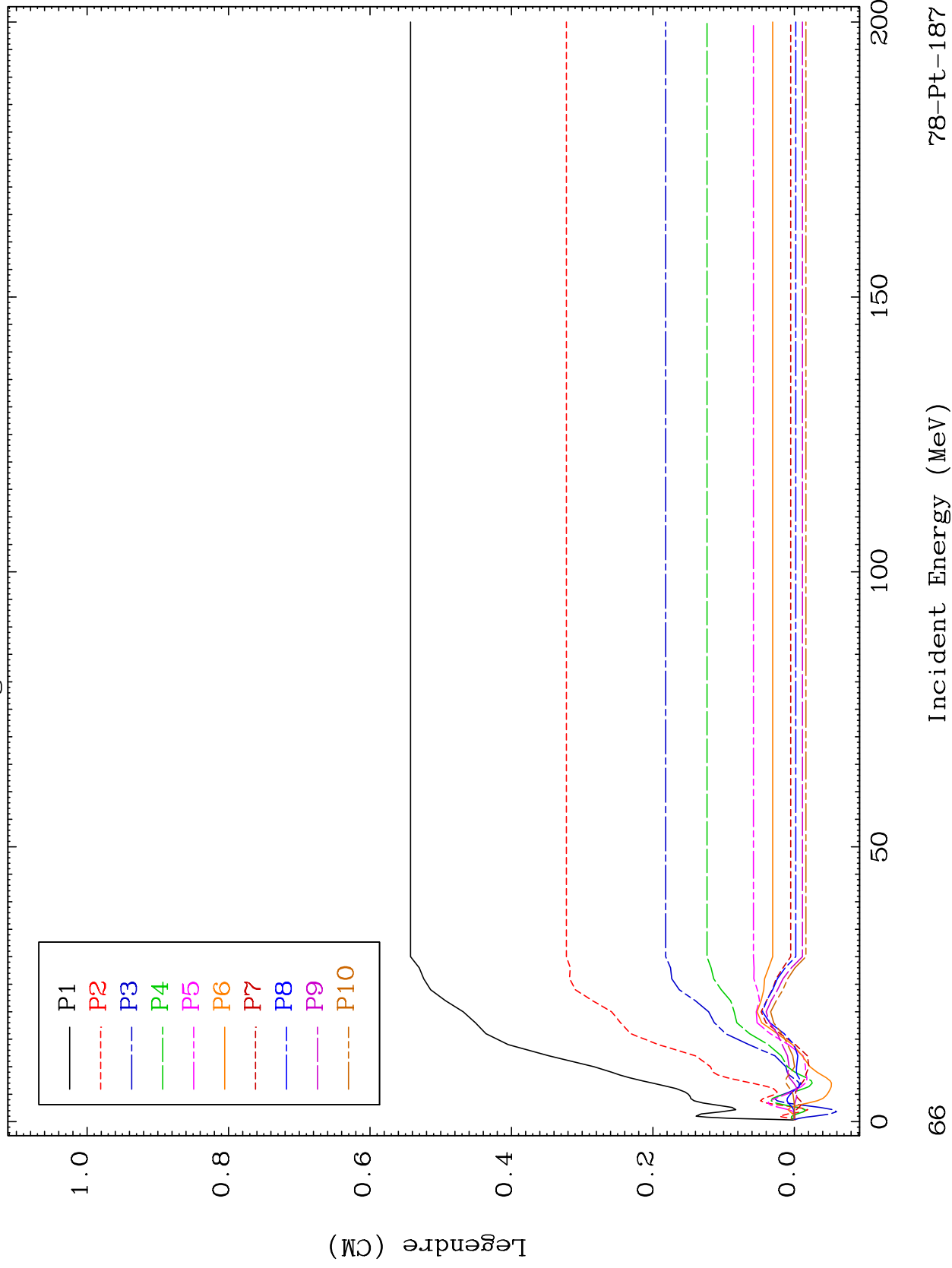
64



MAT 7816

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

78-Pt-187



66

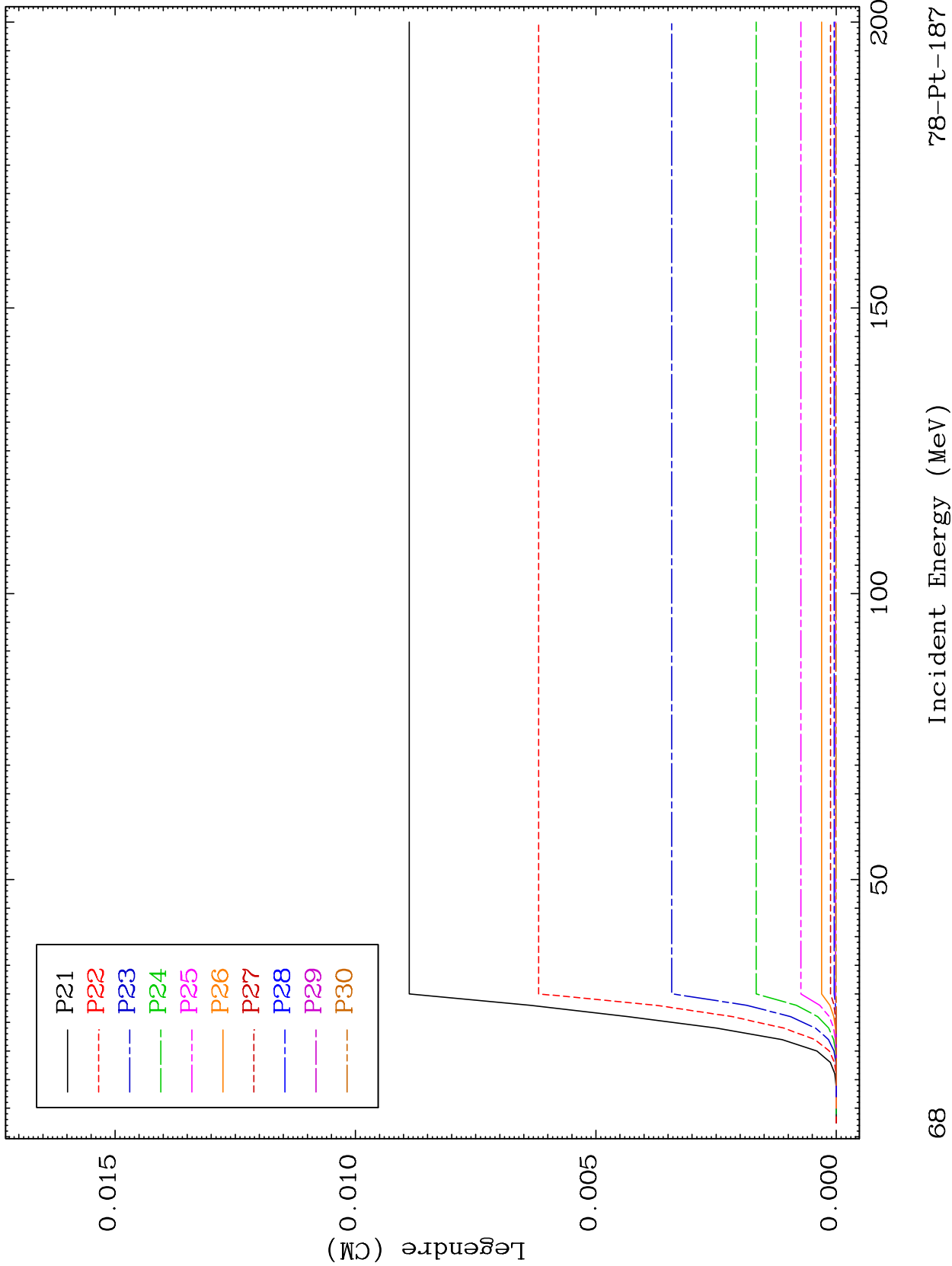
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

78-Pt-187



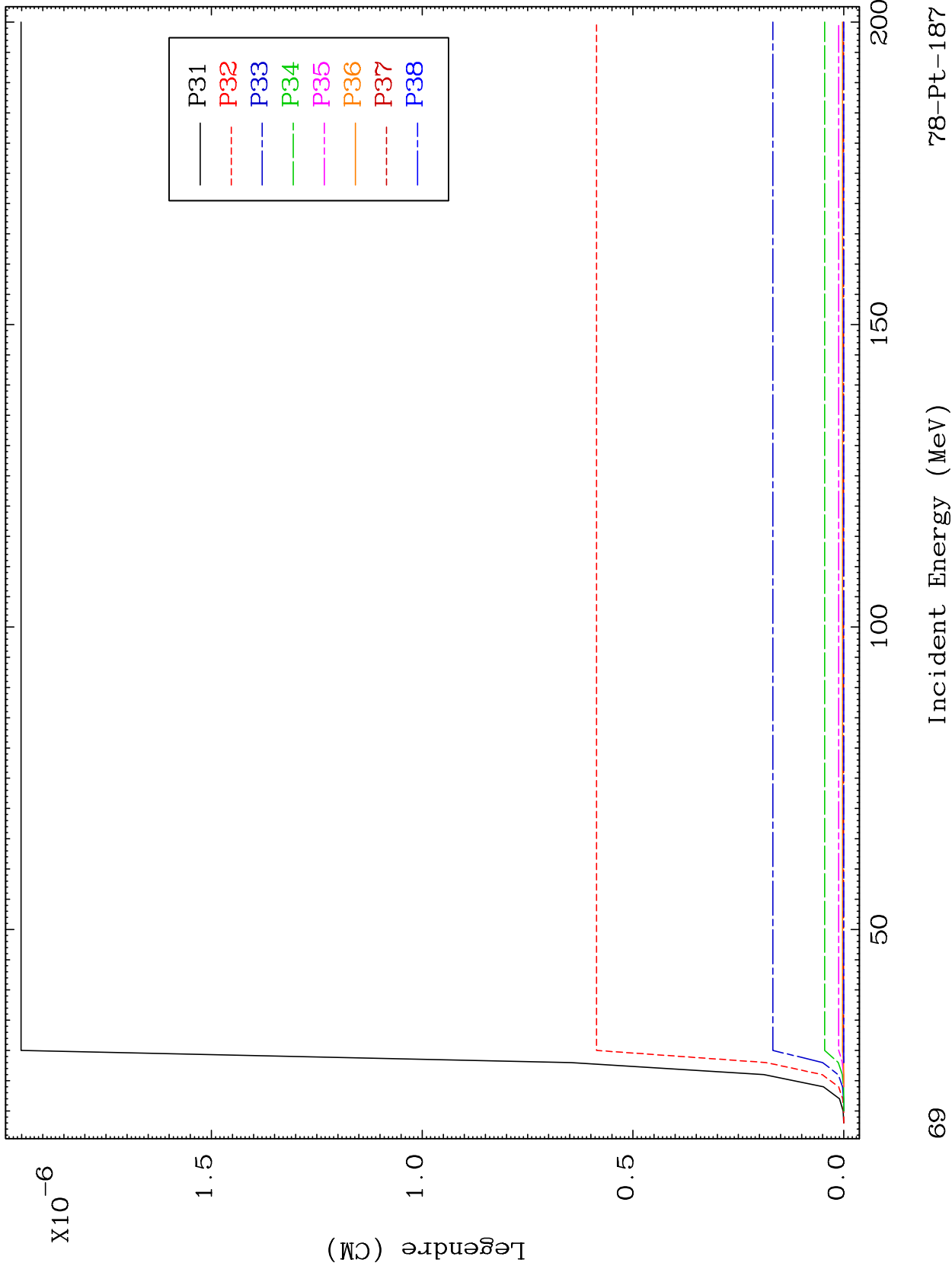
68

78-Pt-187

MAT 7816

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

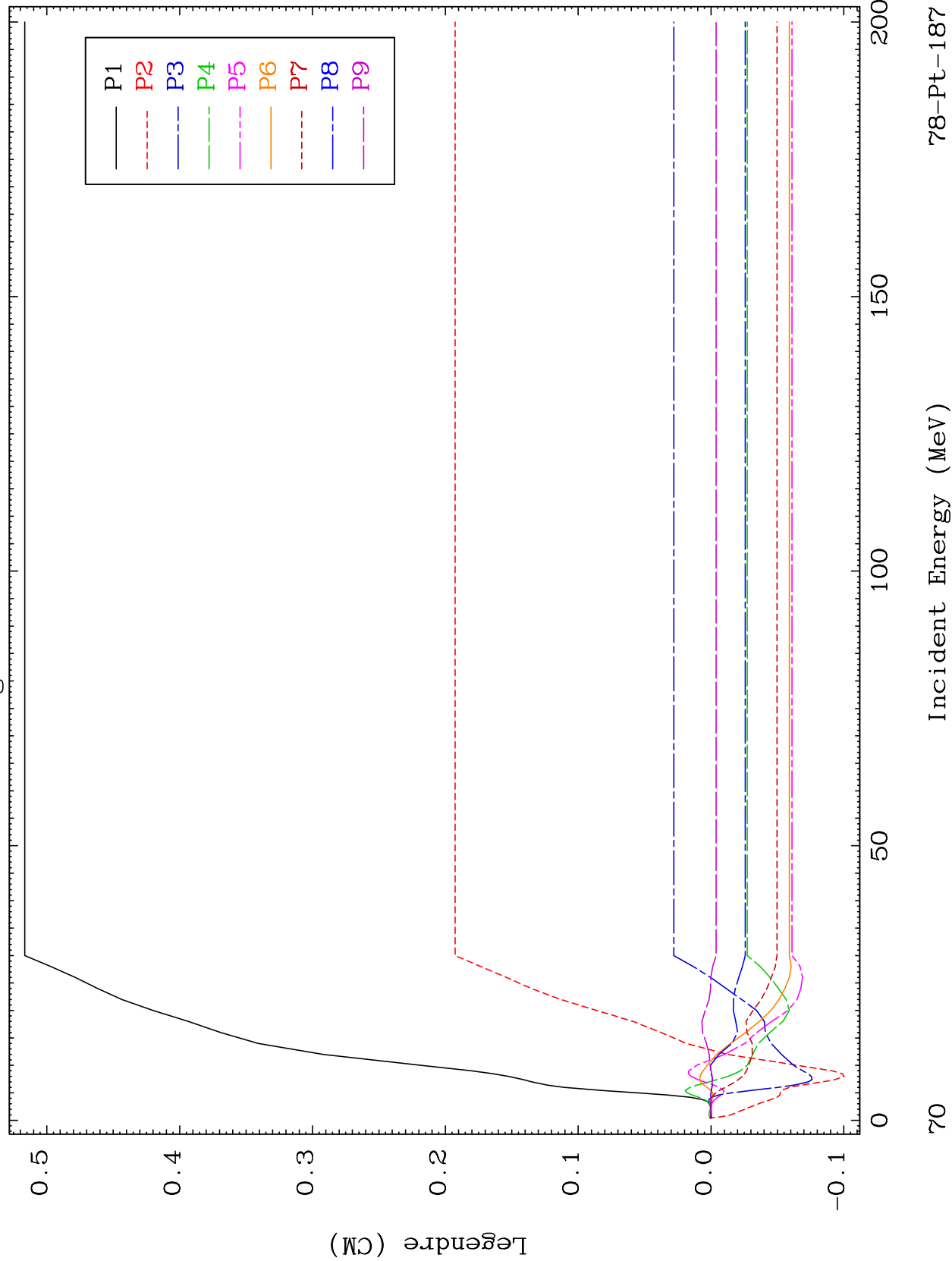
78-Pt-187



MAT 7816

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

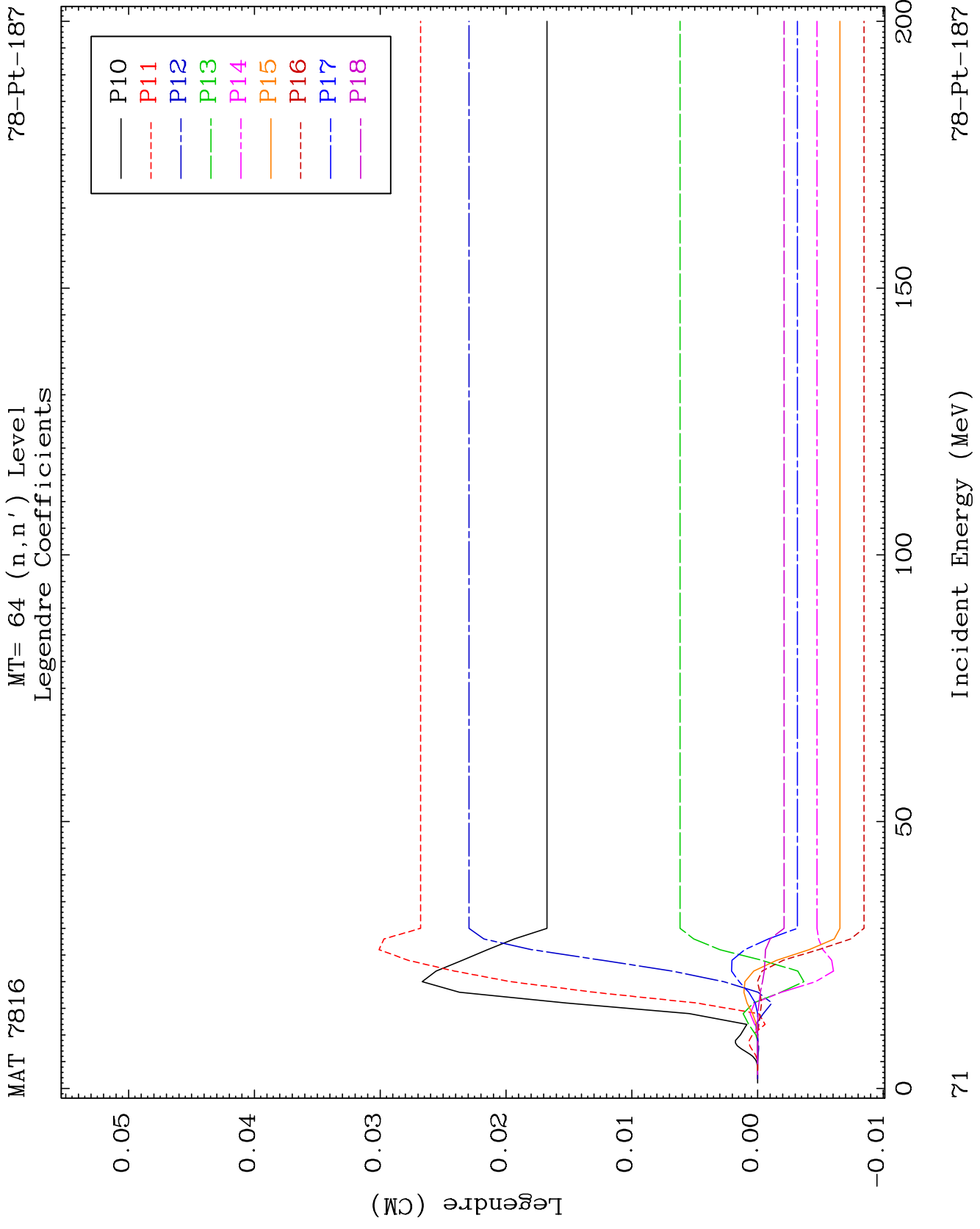
78-Pt-187



78-Pt-187

Incident Energy (MeV)

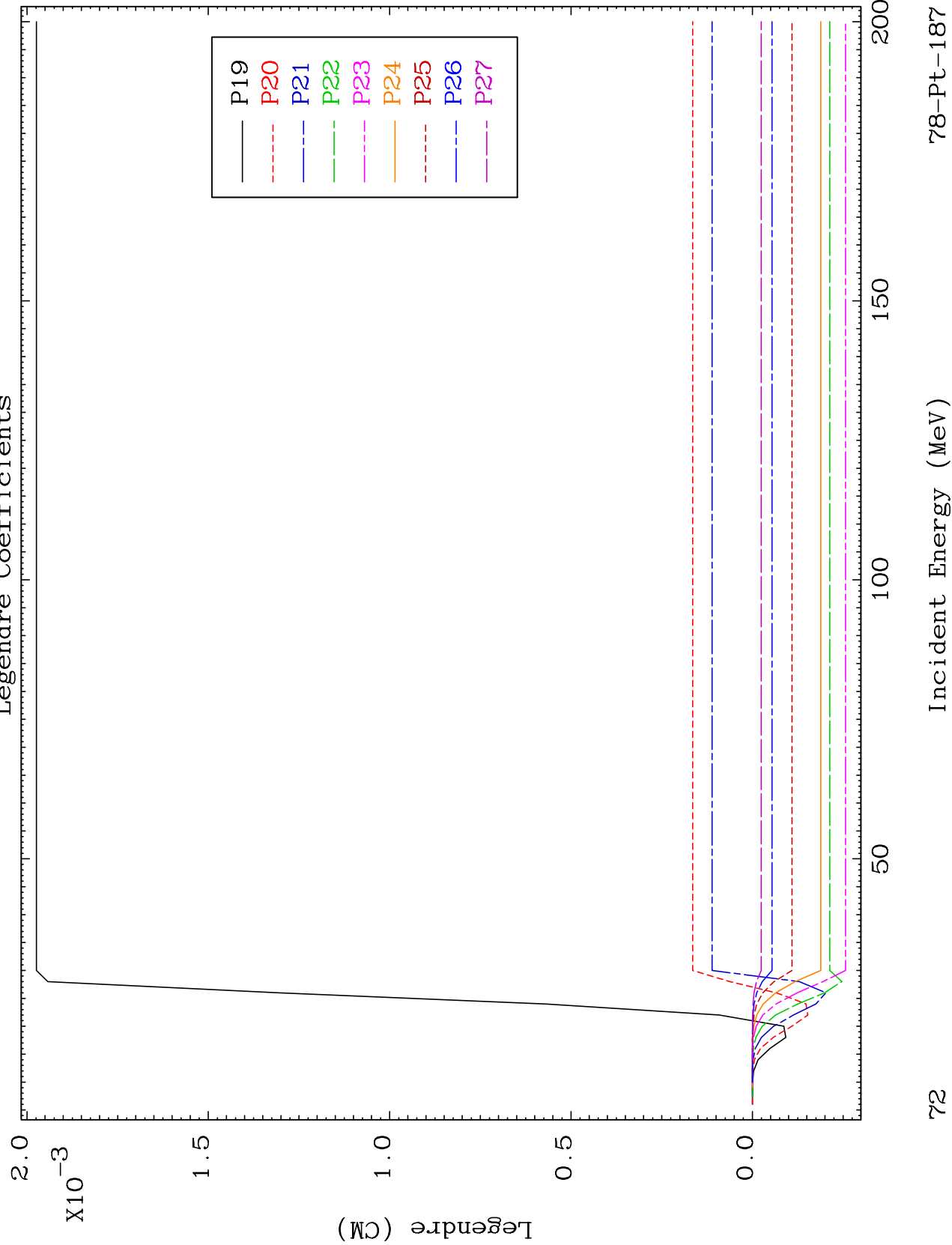
70



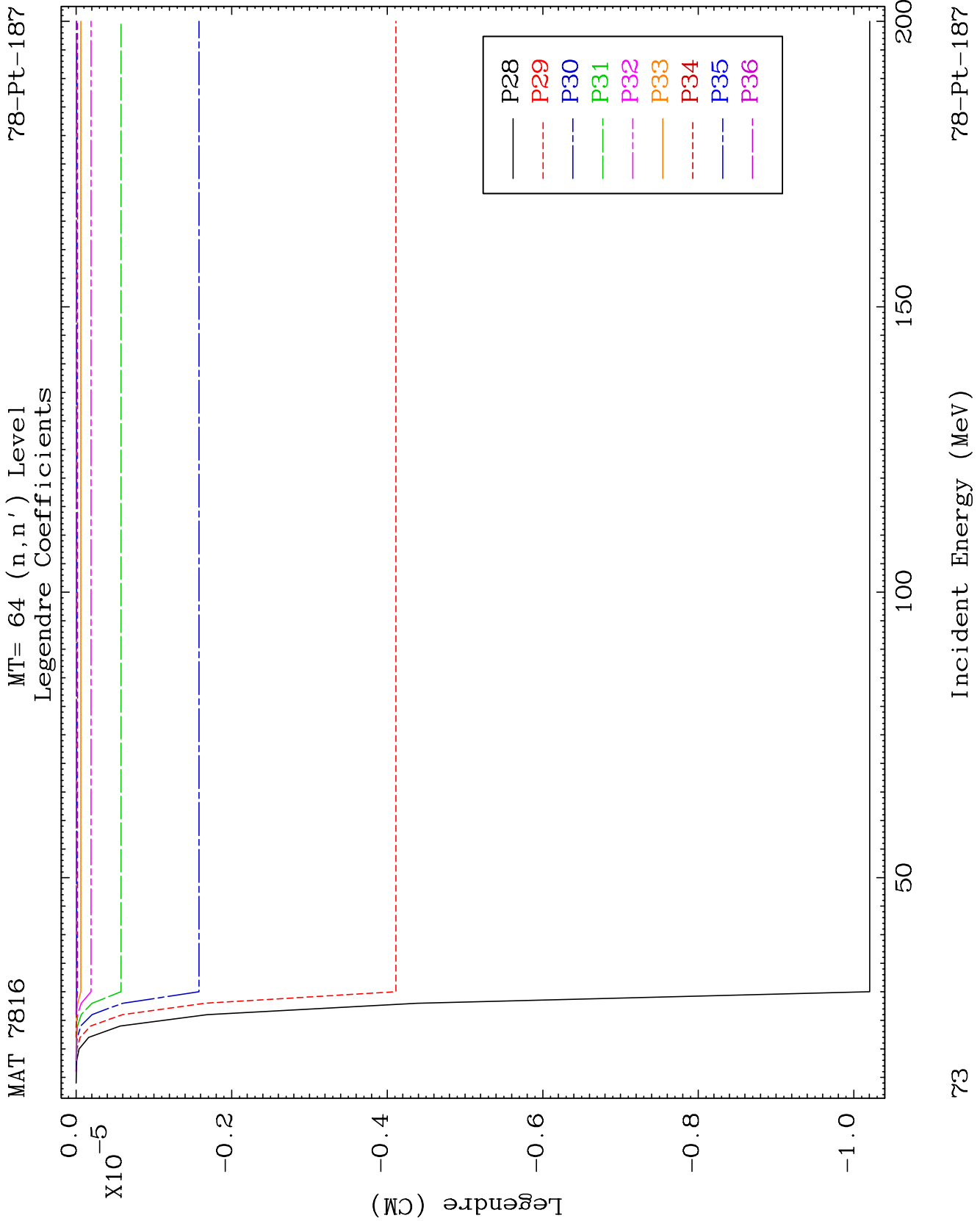
MAT 7816

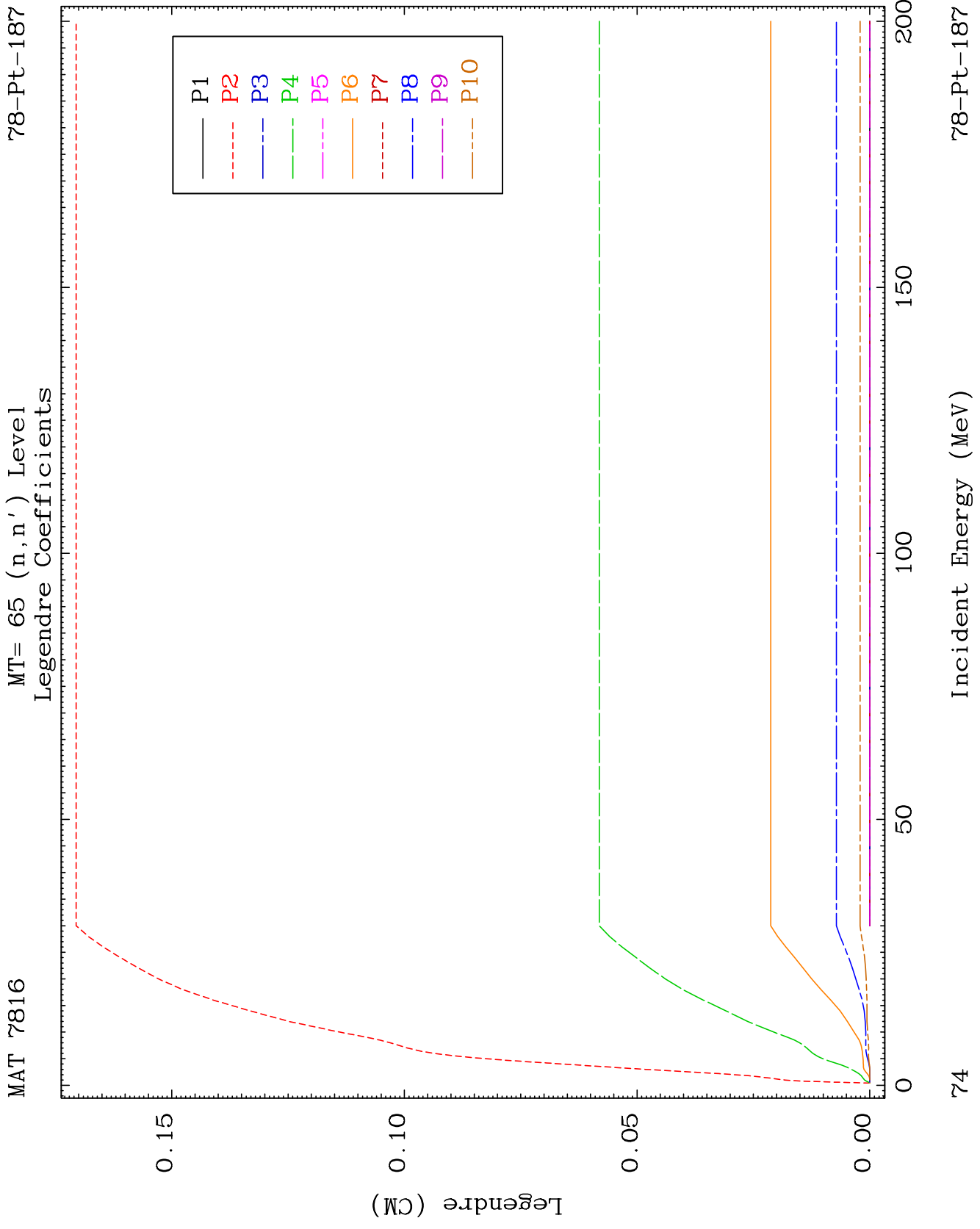
MT= 64 (n,n') Level
Legendre Coefficients

78-Pt-187



72

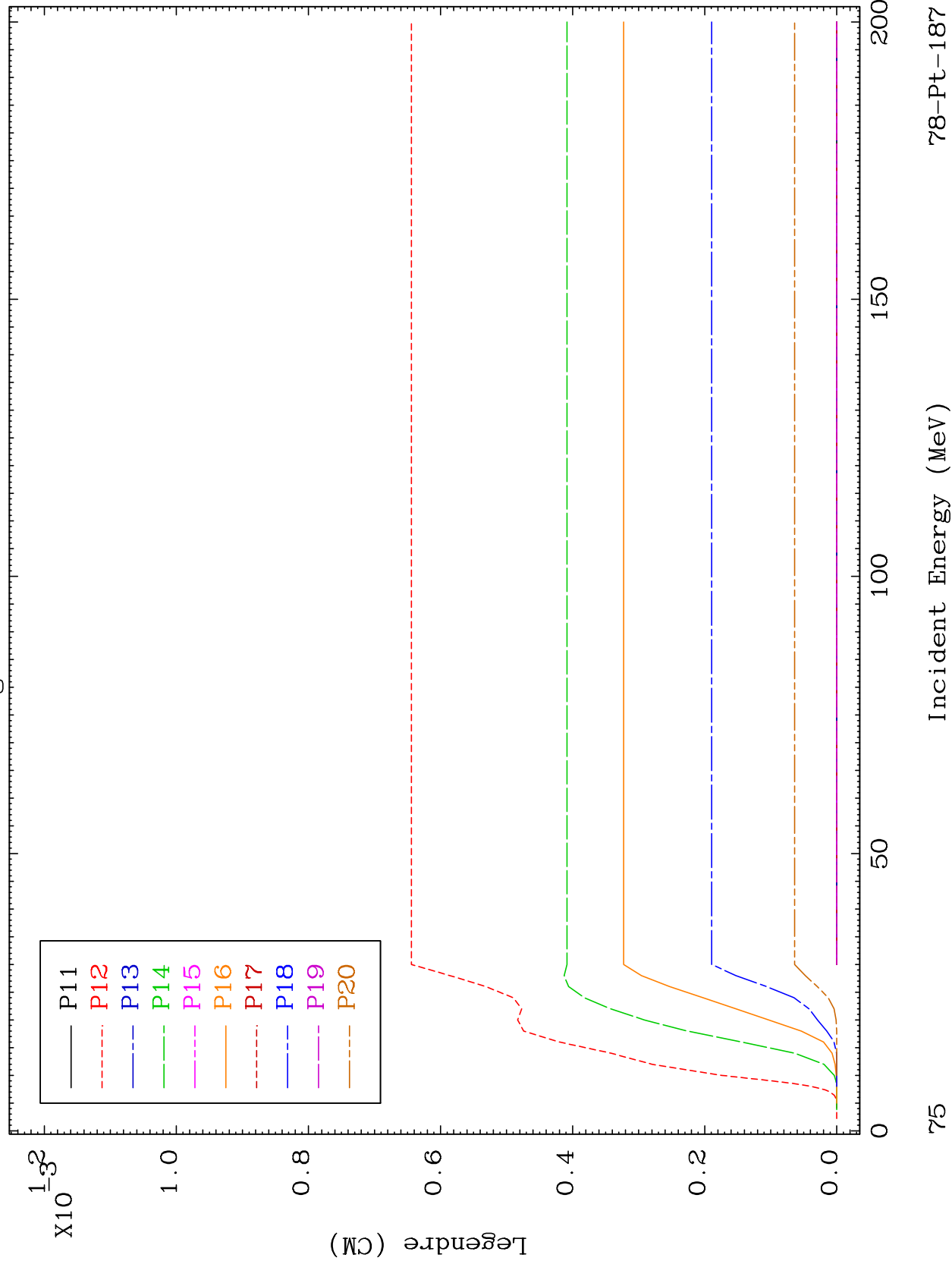




MAT 7816

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

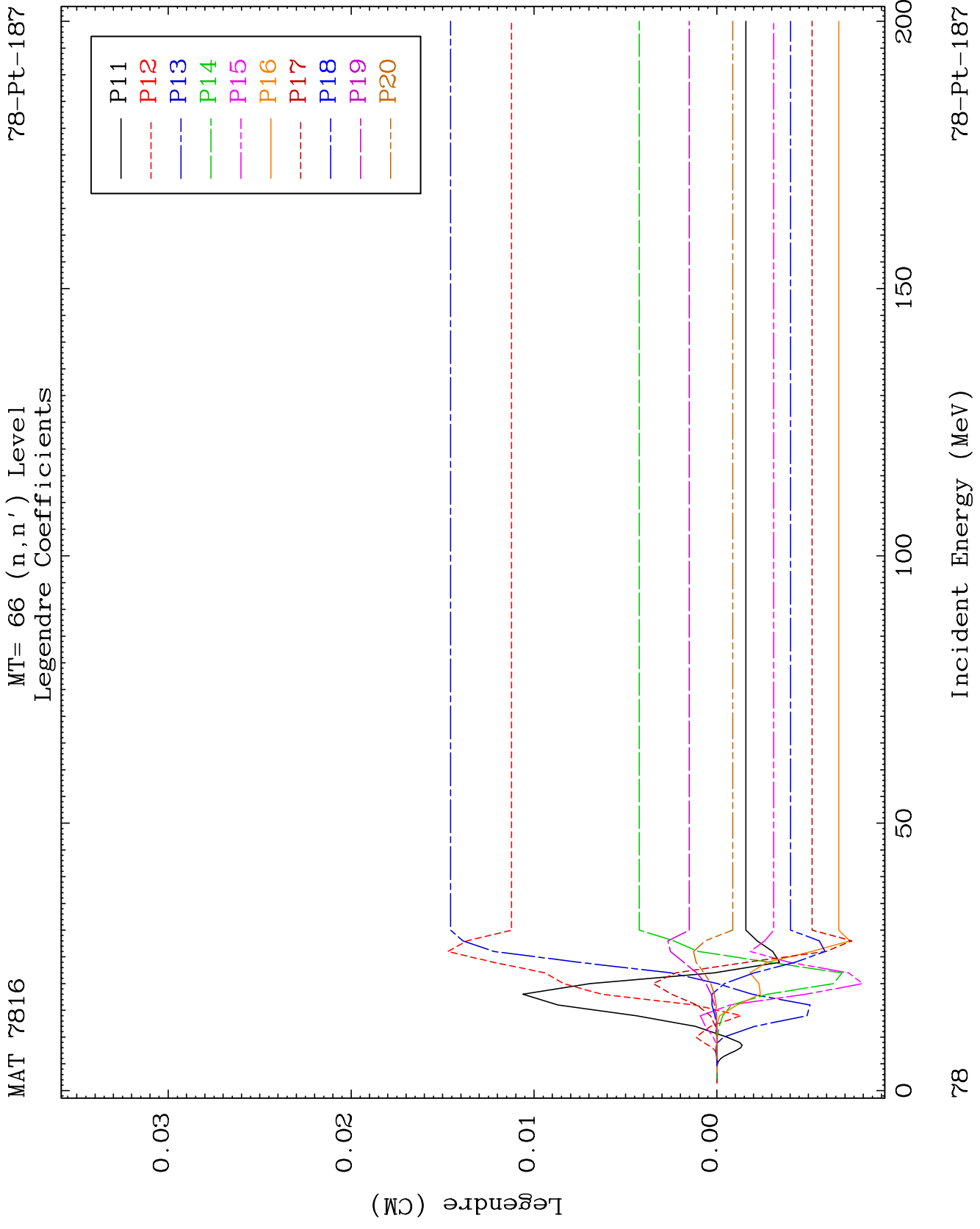
78-Pt-187



75

Incident Energy (MeV)

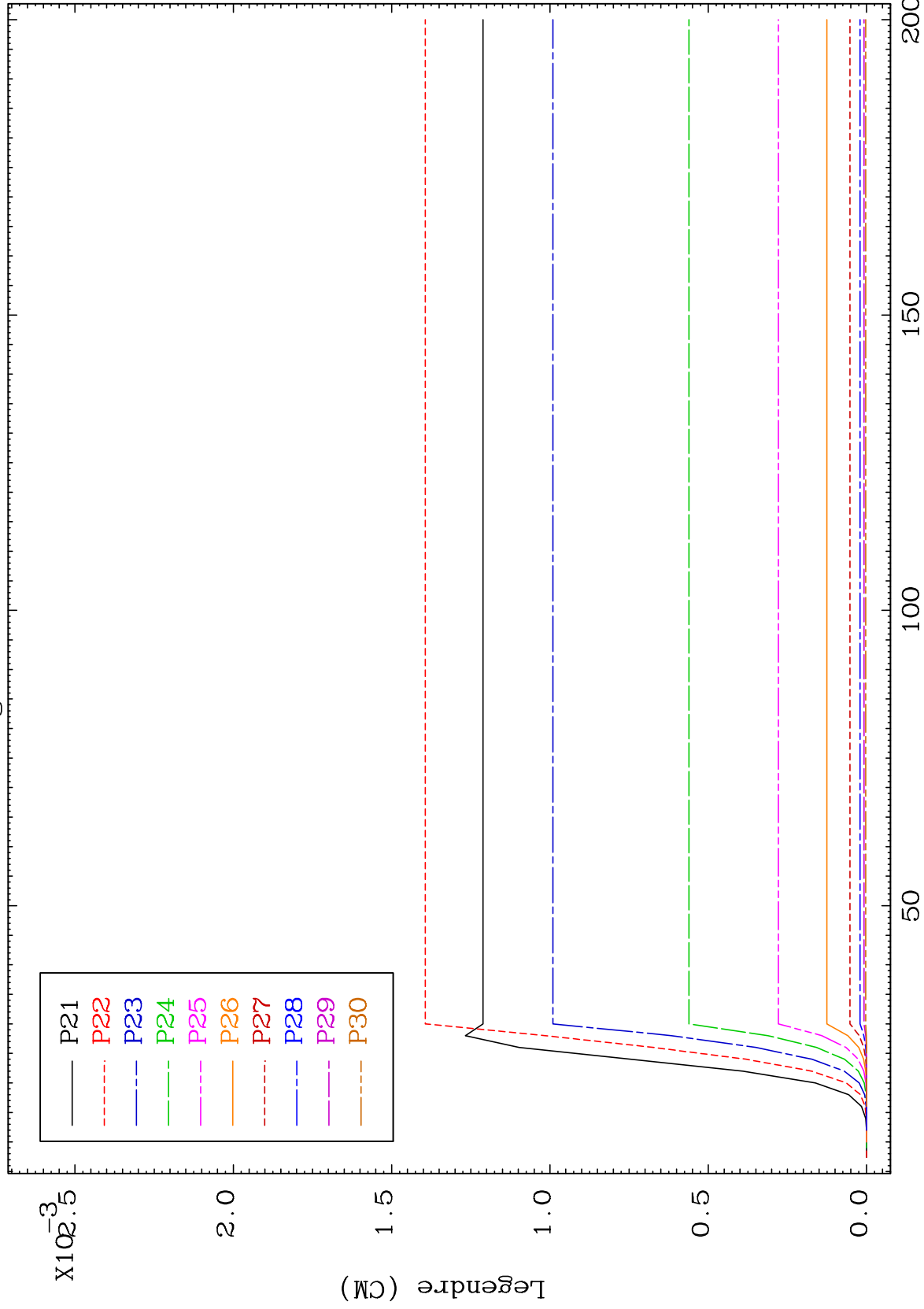
78-Pt-187



MAT 7816

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

78-Pt-187



79

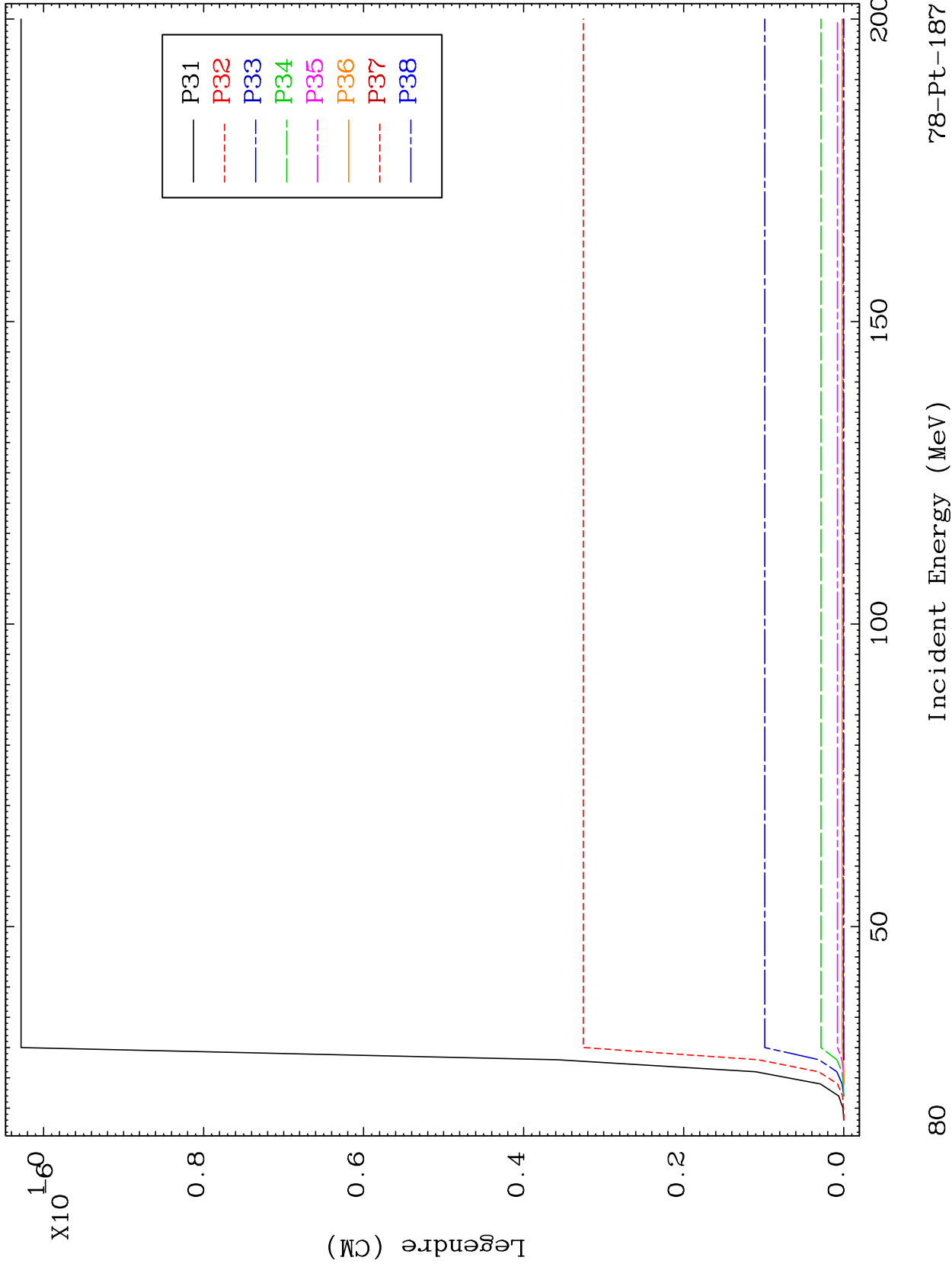
Incident Energy (MeV)

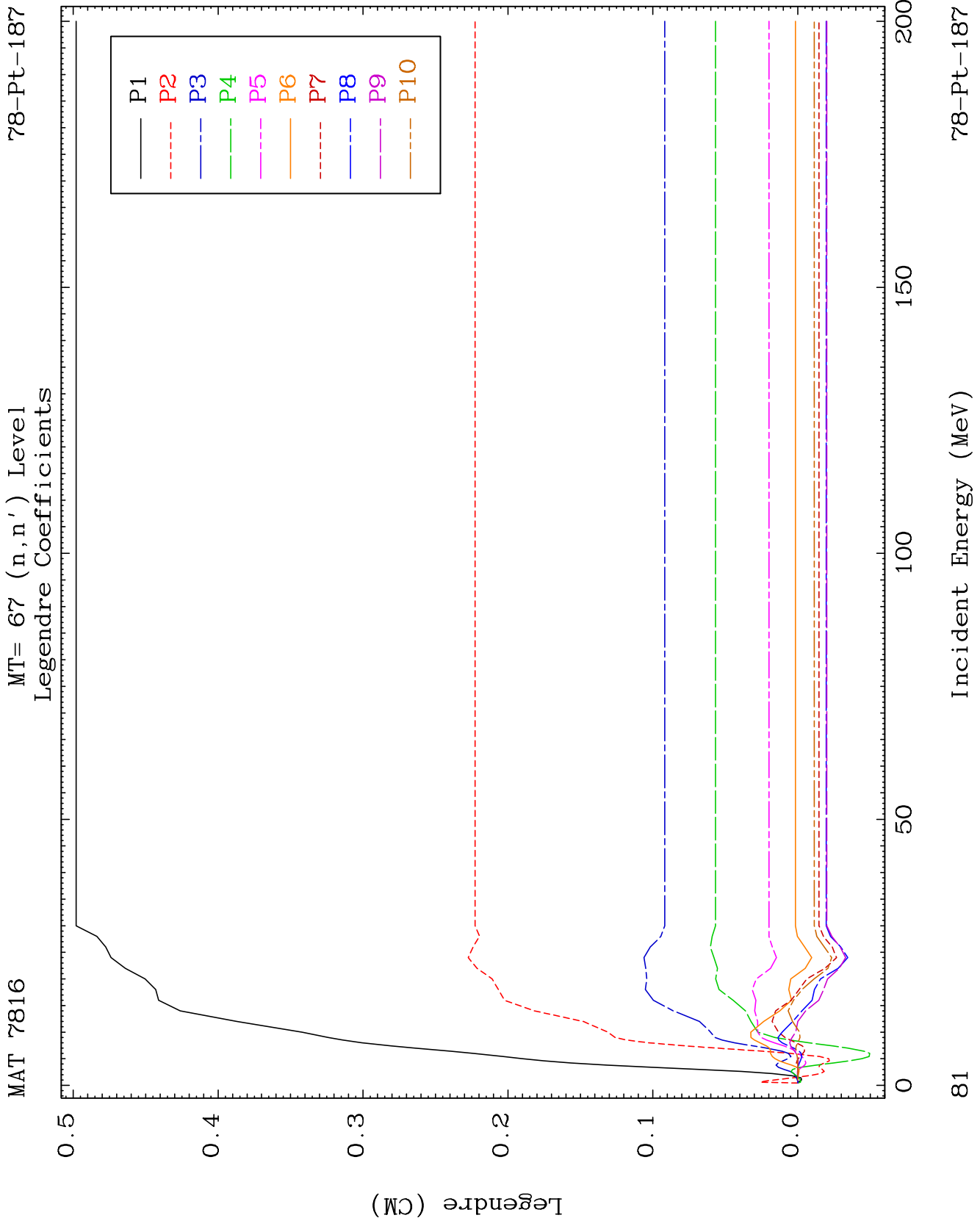
78-Pt-187

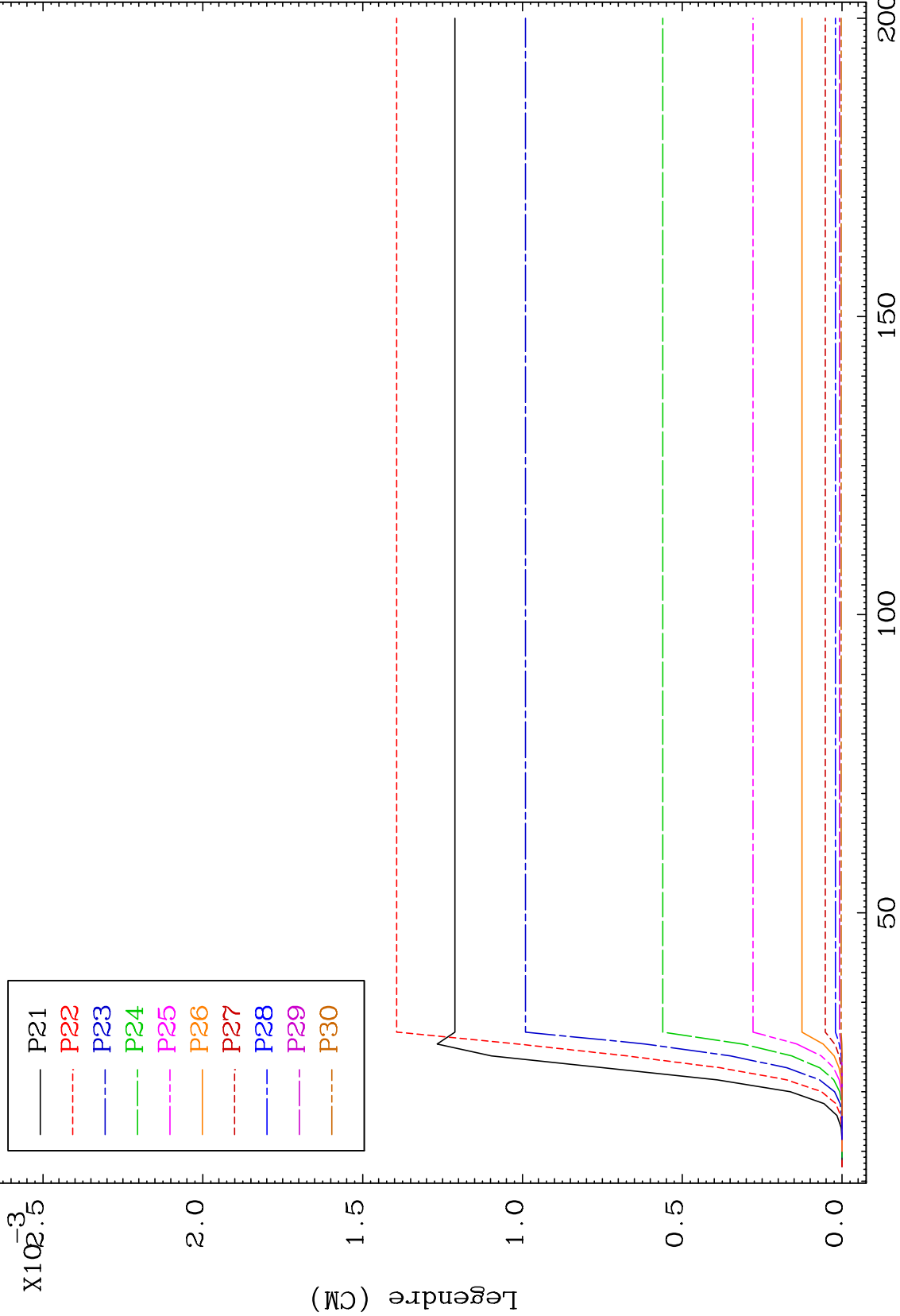
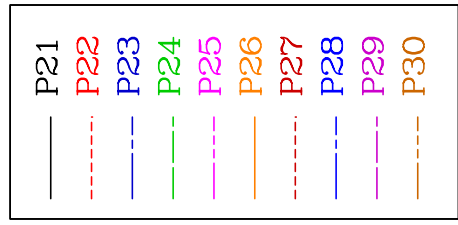
MAT 7816

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

78-Pt-187



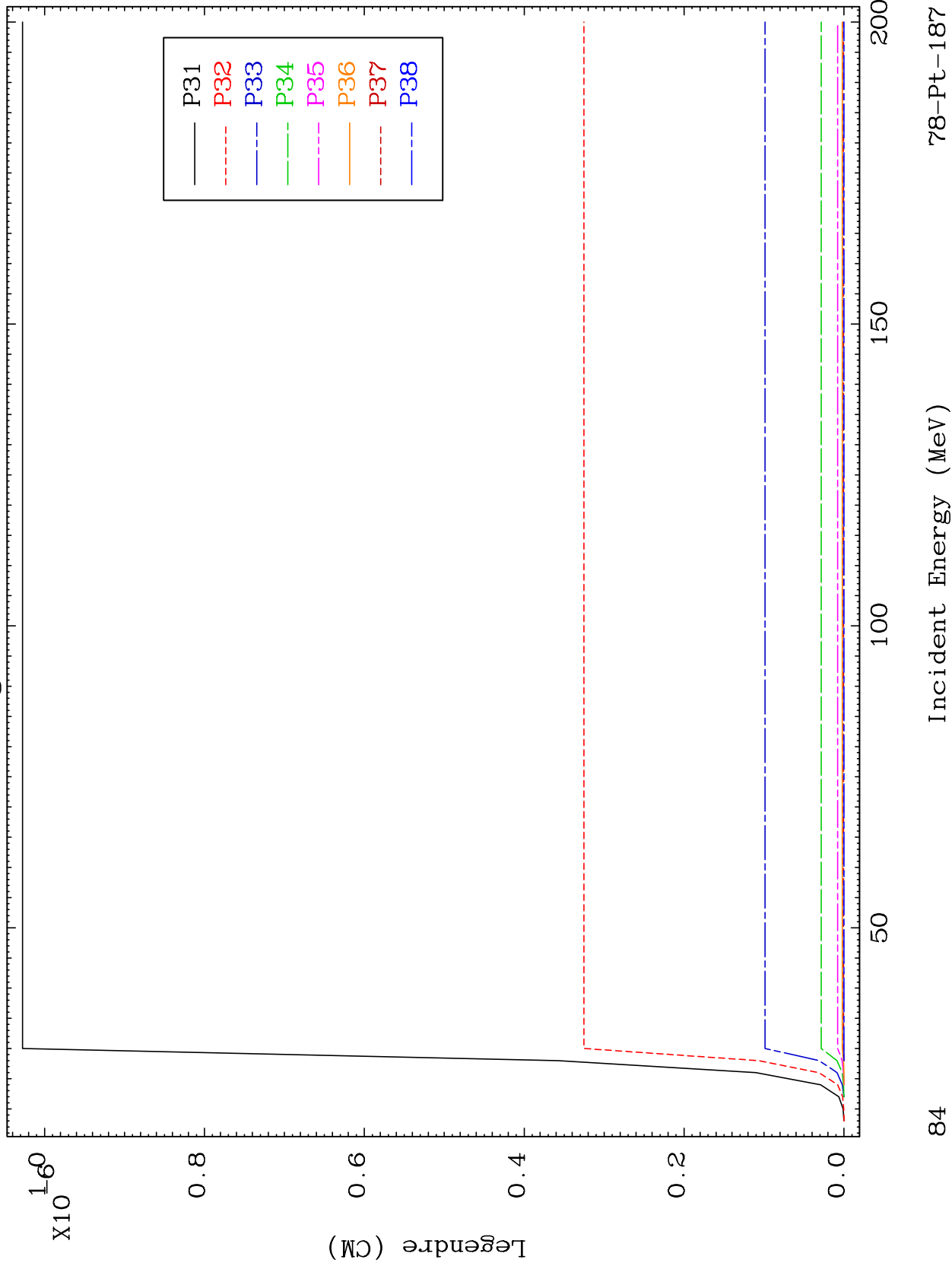




MAT 7816

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

78-Pt-187

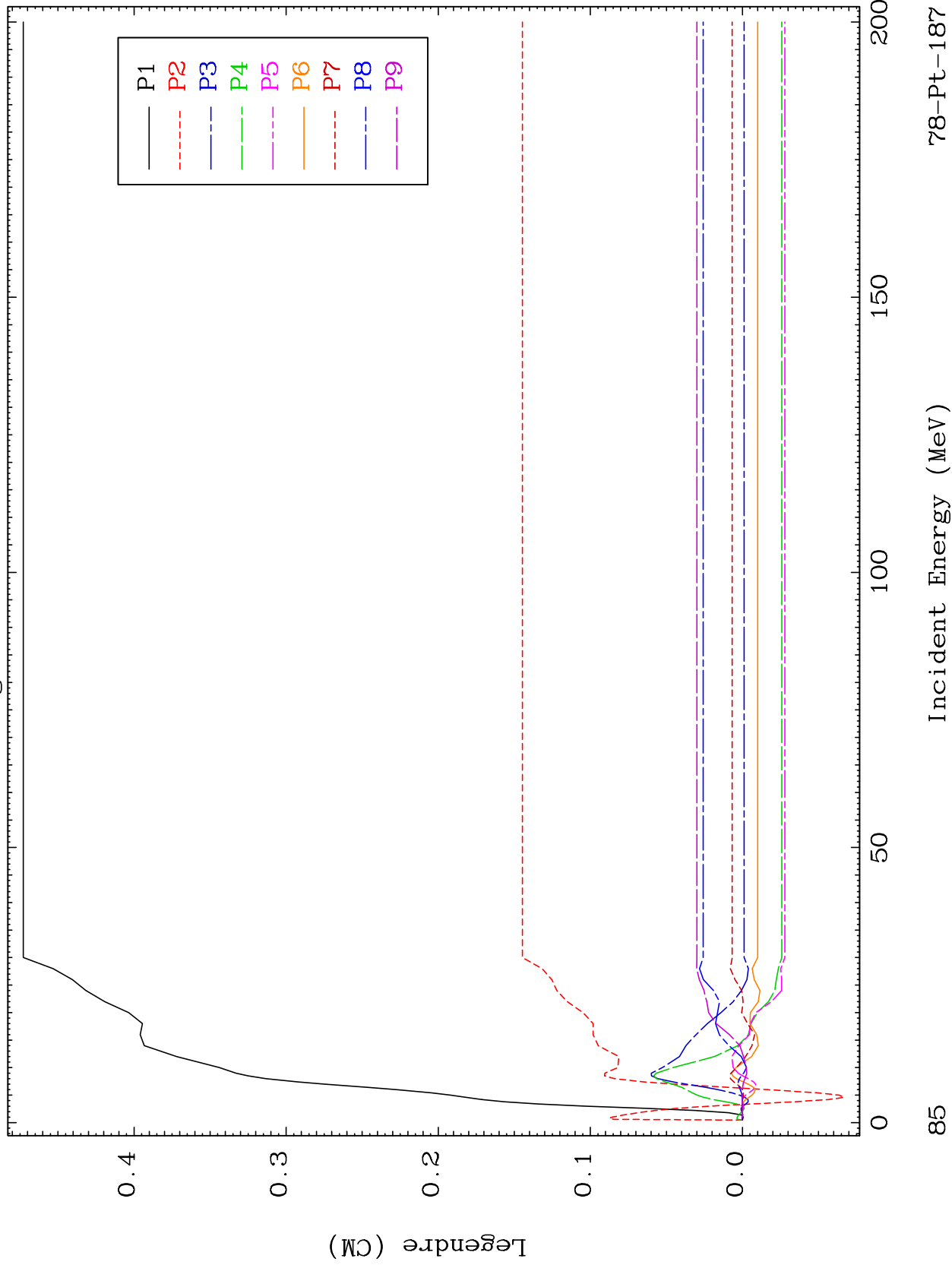


84

MAT 7816

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

78-Pt-187



78-Pt-187

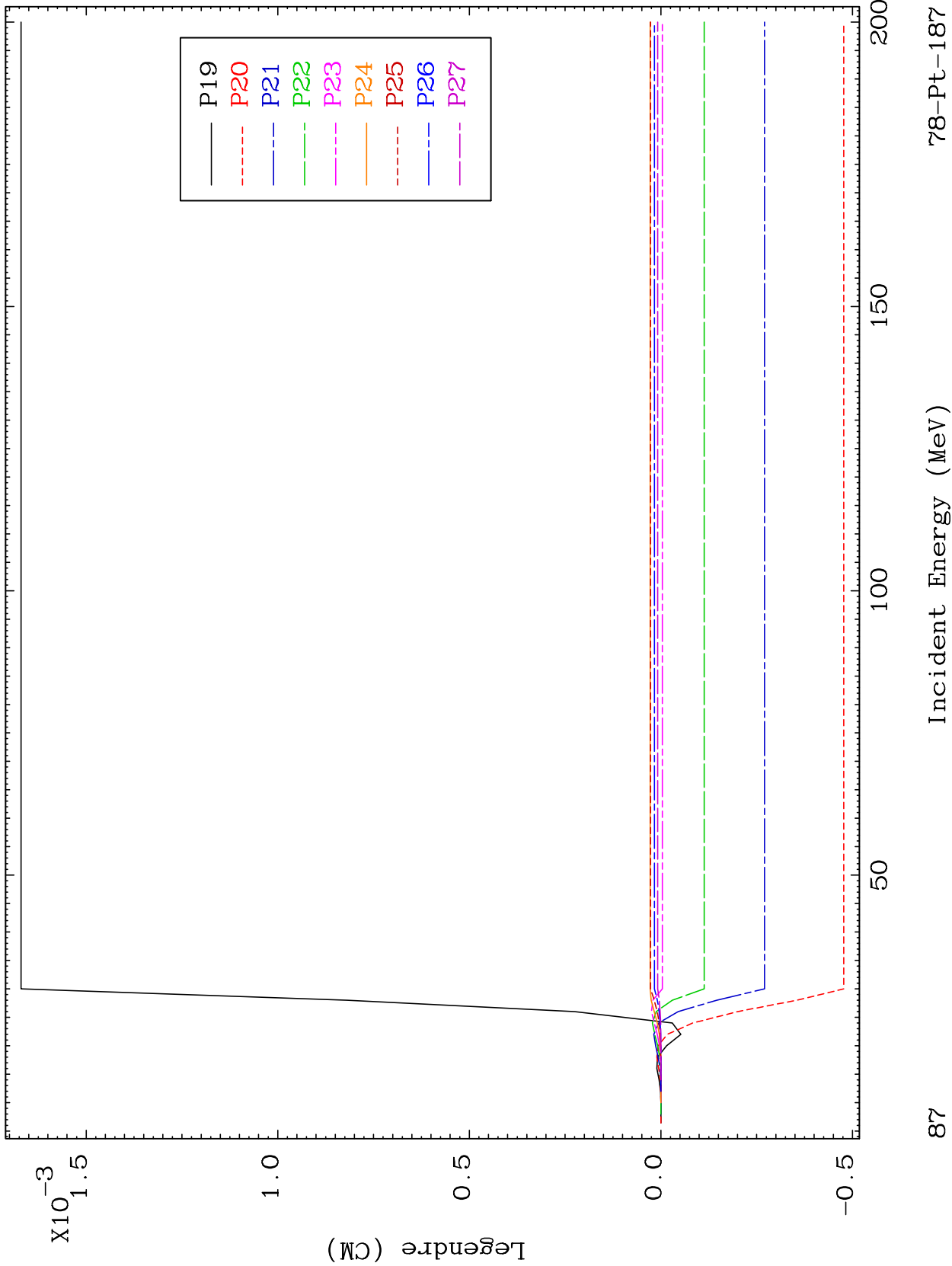
Incident Energy (MeV)

85

MAT 7816

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

78-Pt-187



87

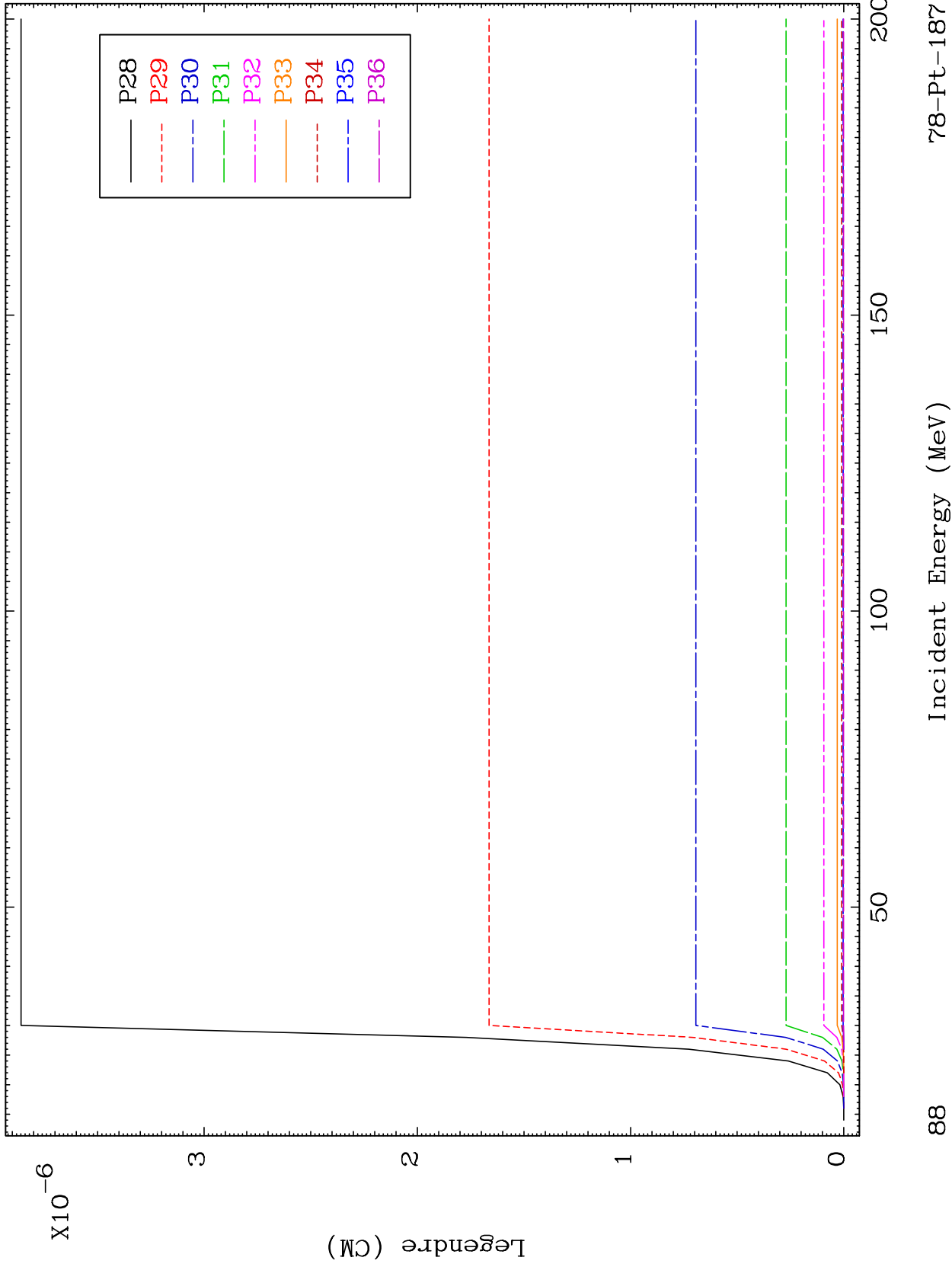
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

78-Pt-187



88

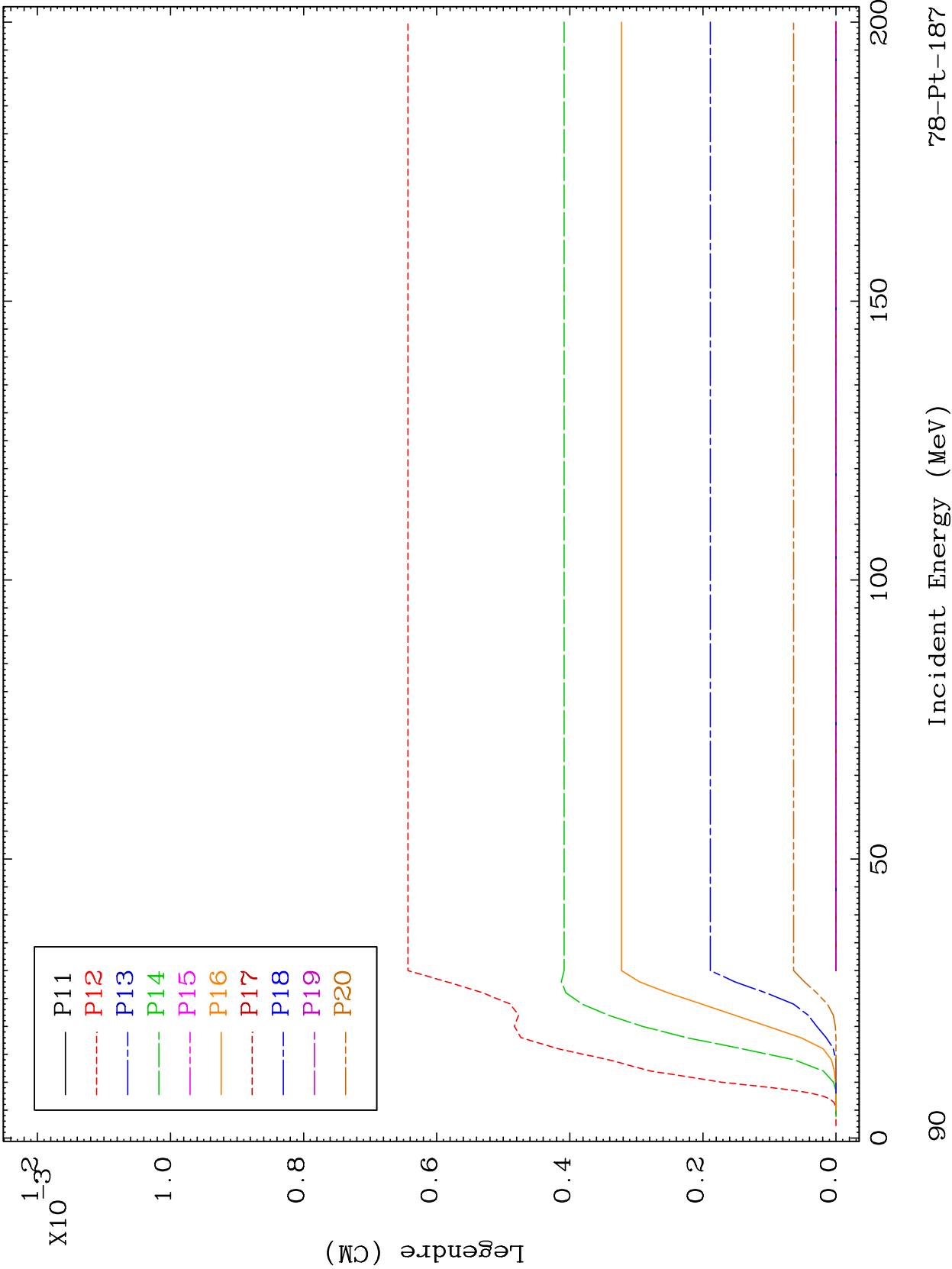
Incident Energy (MeV)

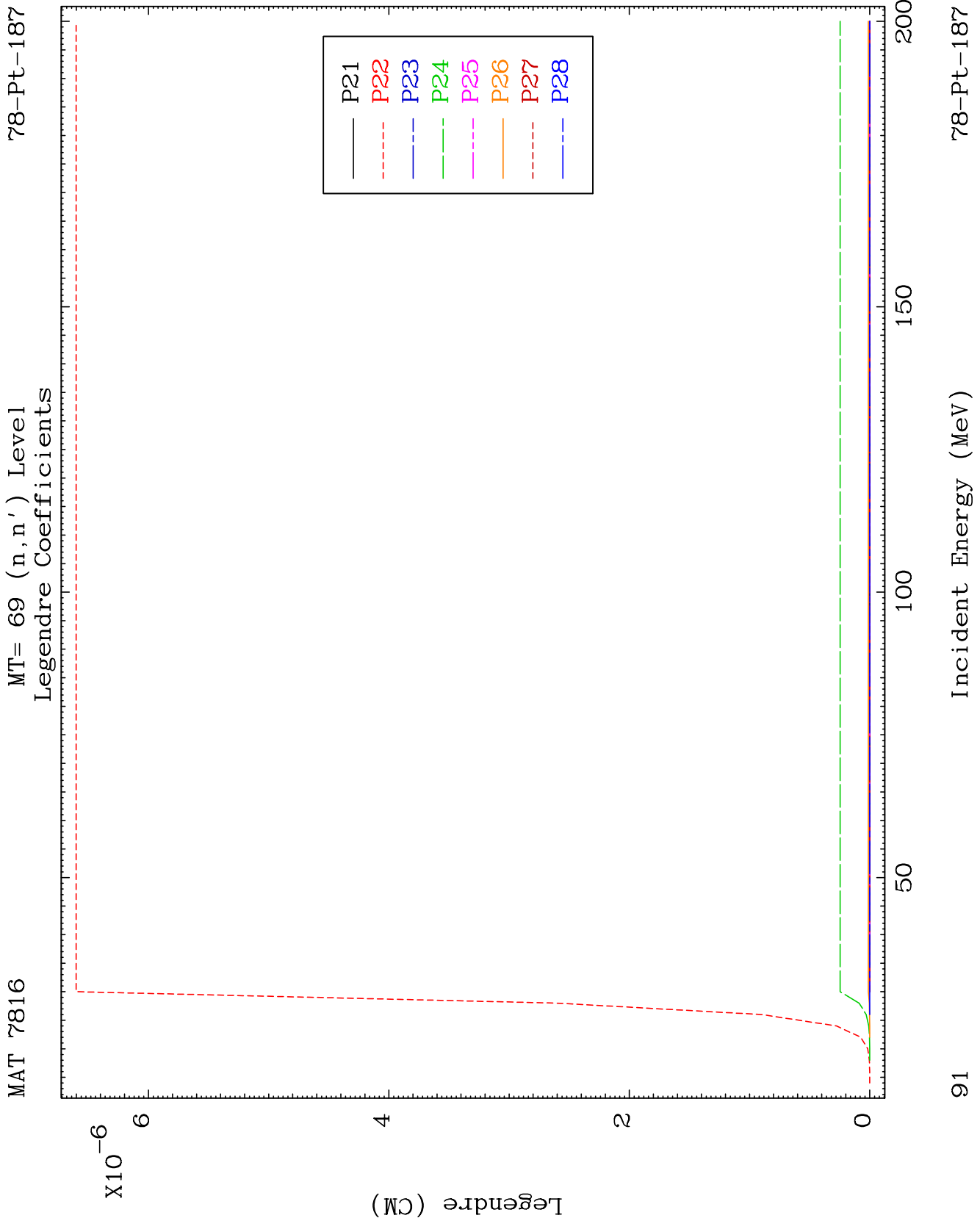
78-Pt-187

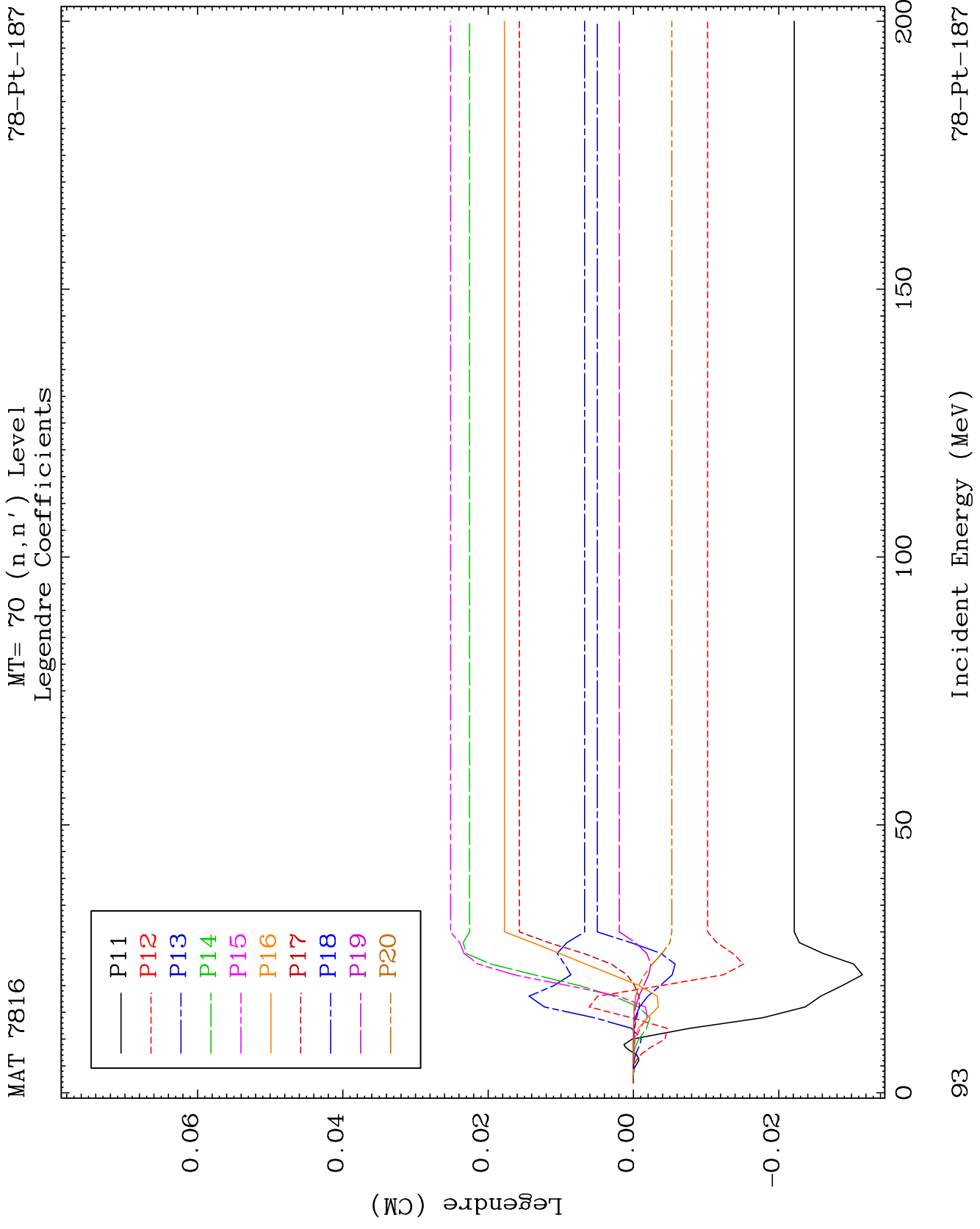
MAT 7816

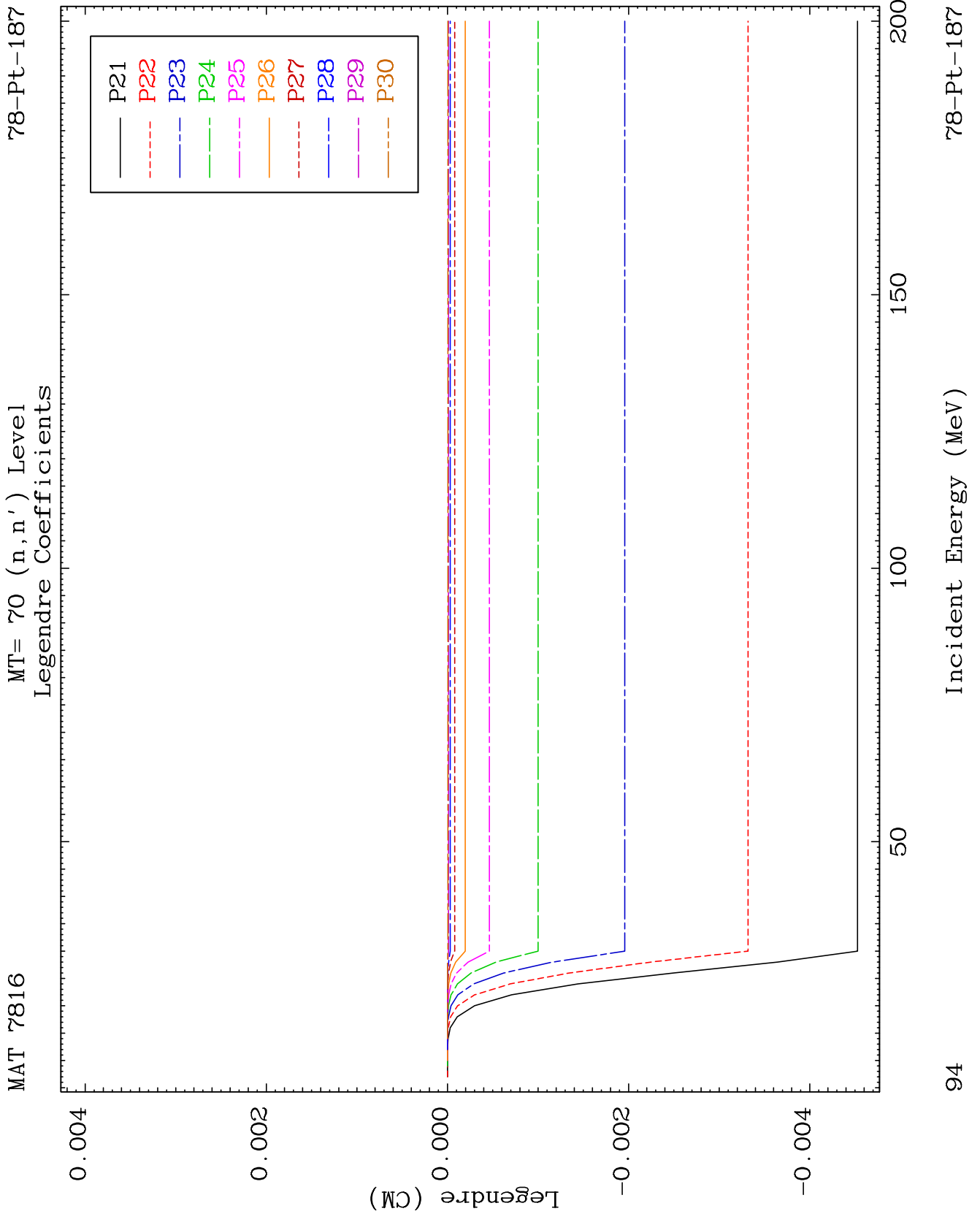
MT= 69 (n,n') Level
Legendre Coefficients

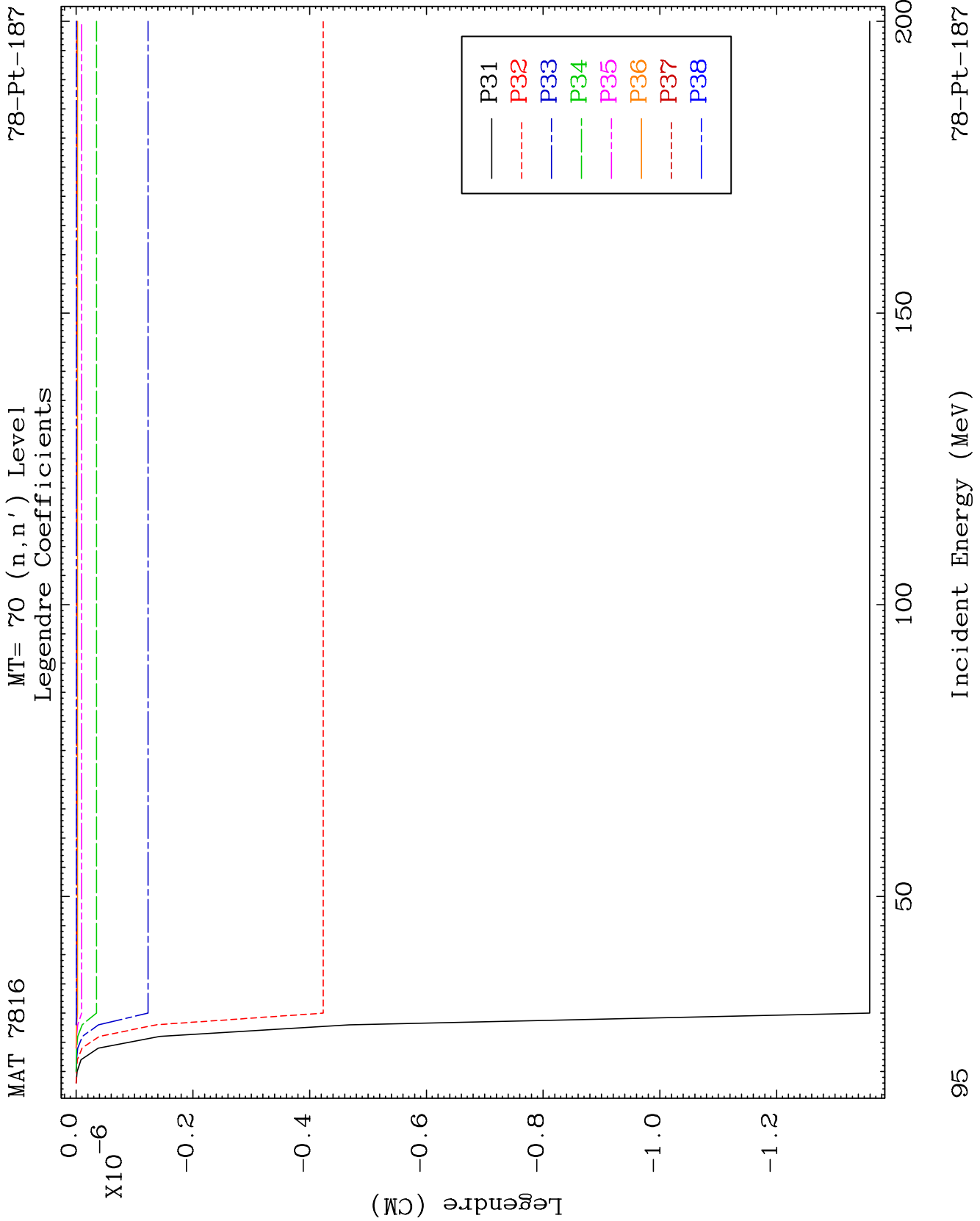
78-Pt-187

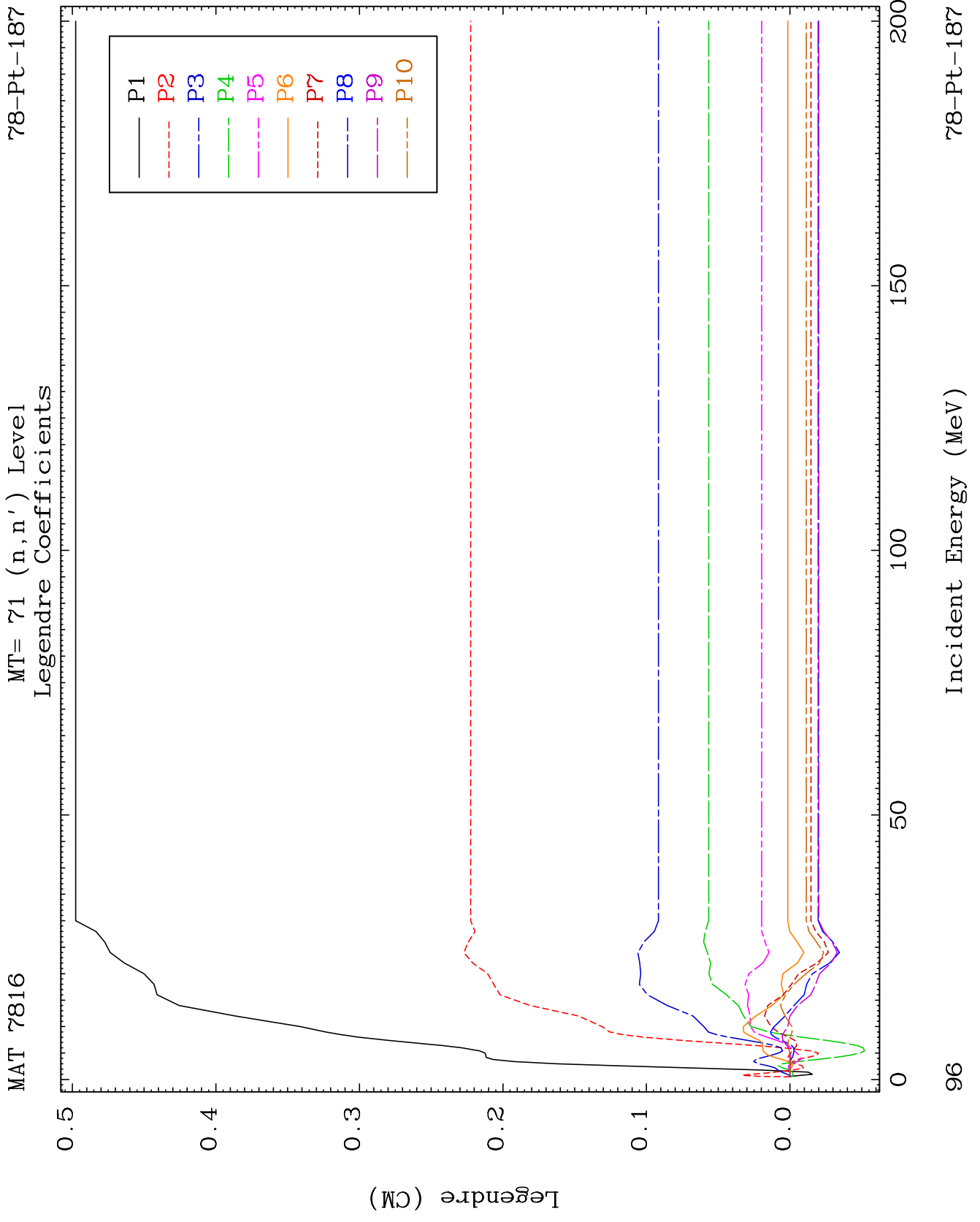


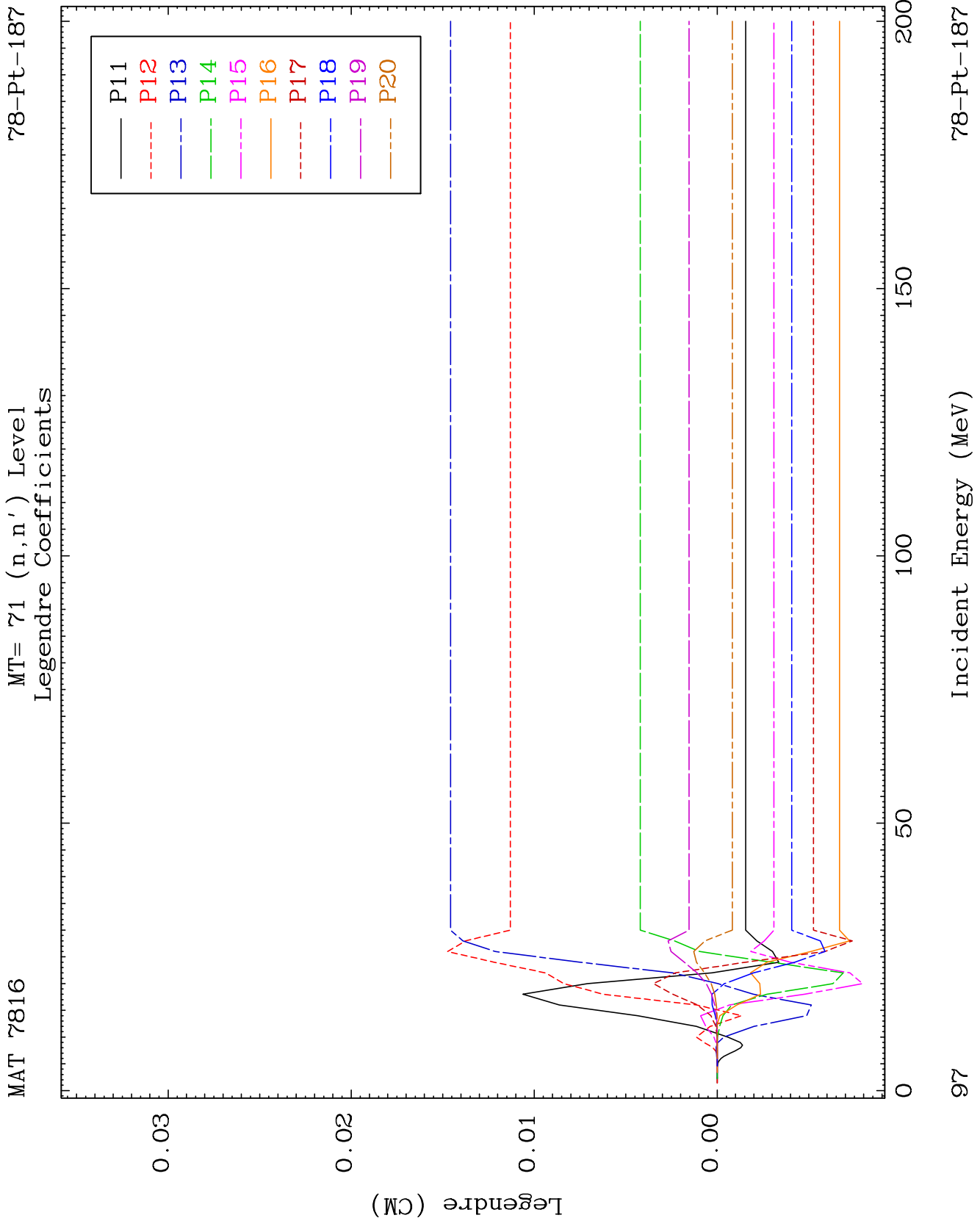








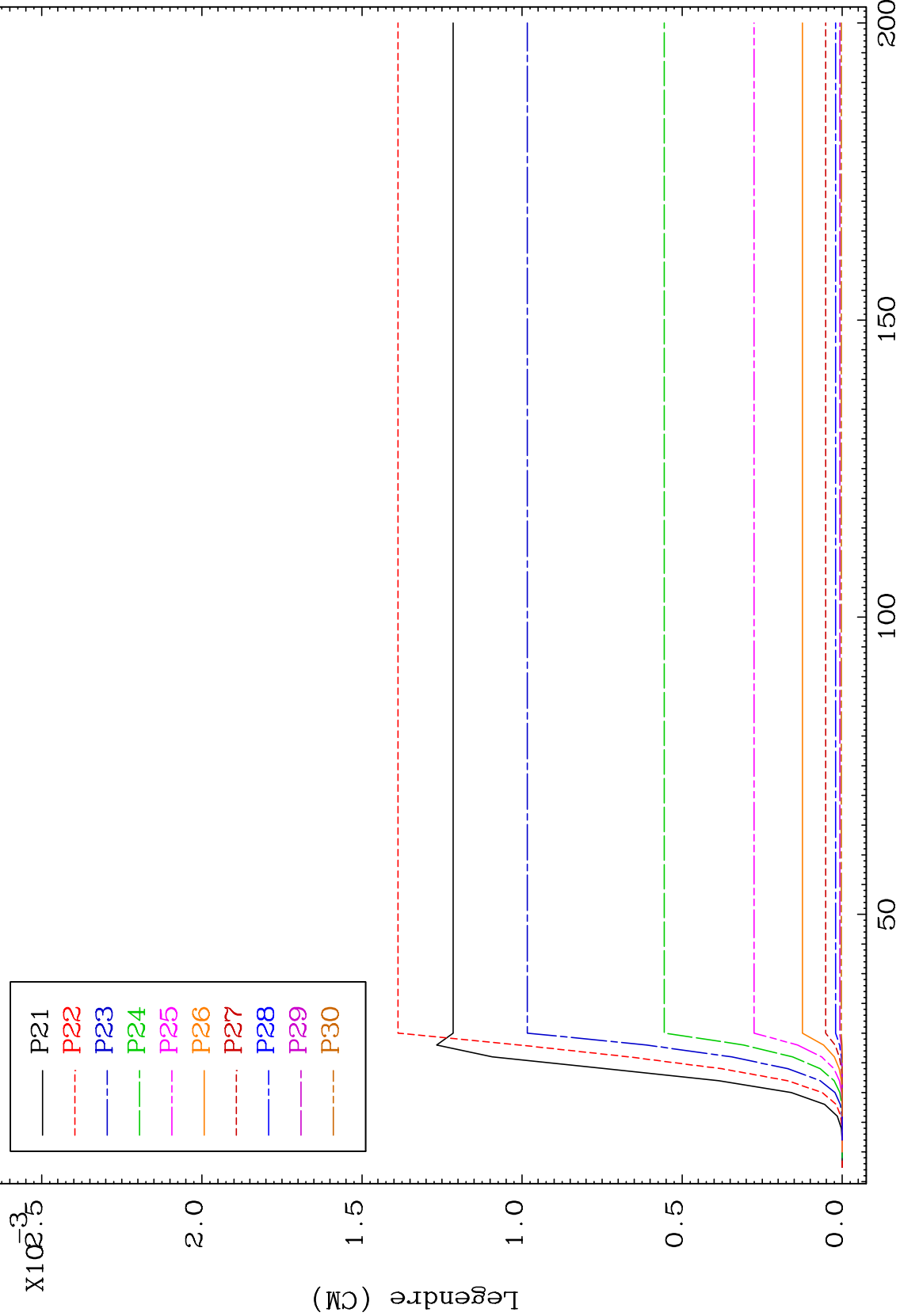
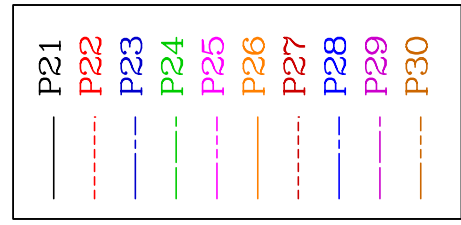




MAT 7816

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

78-Pt-187



98

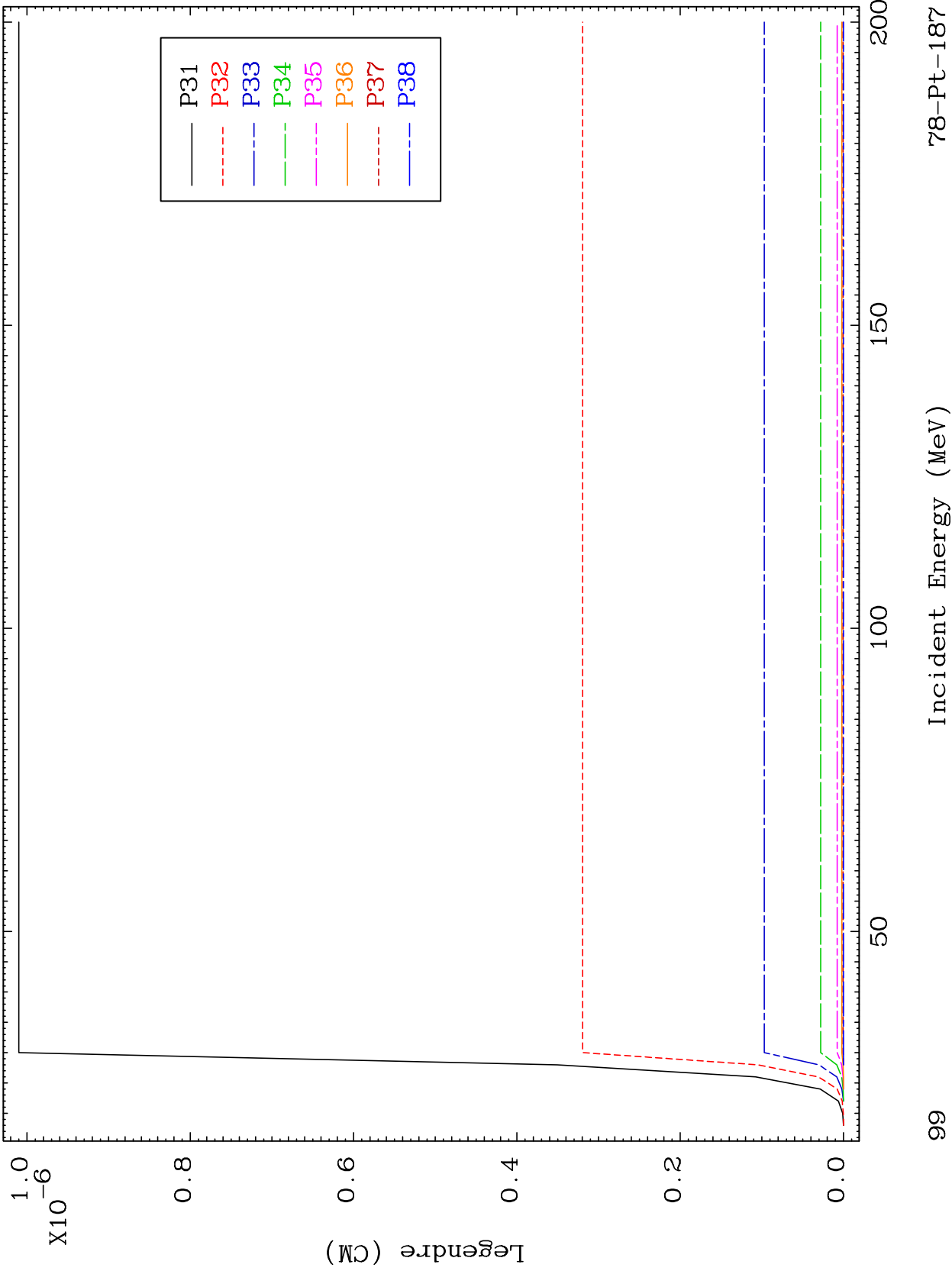
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

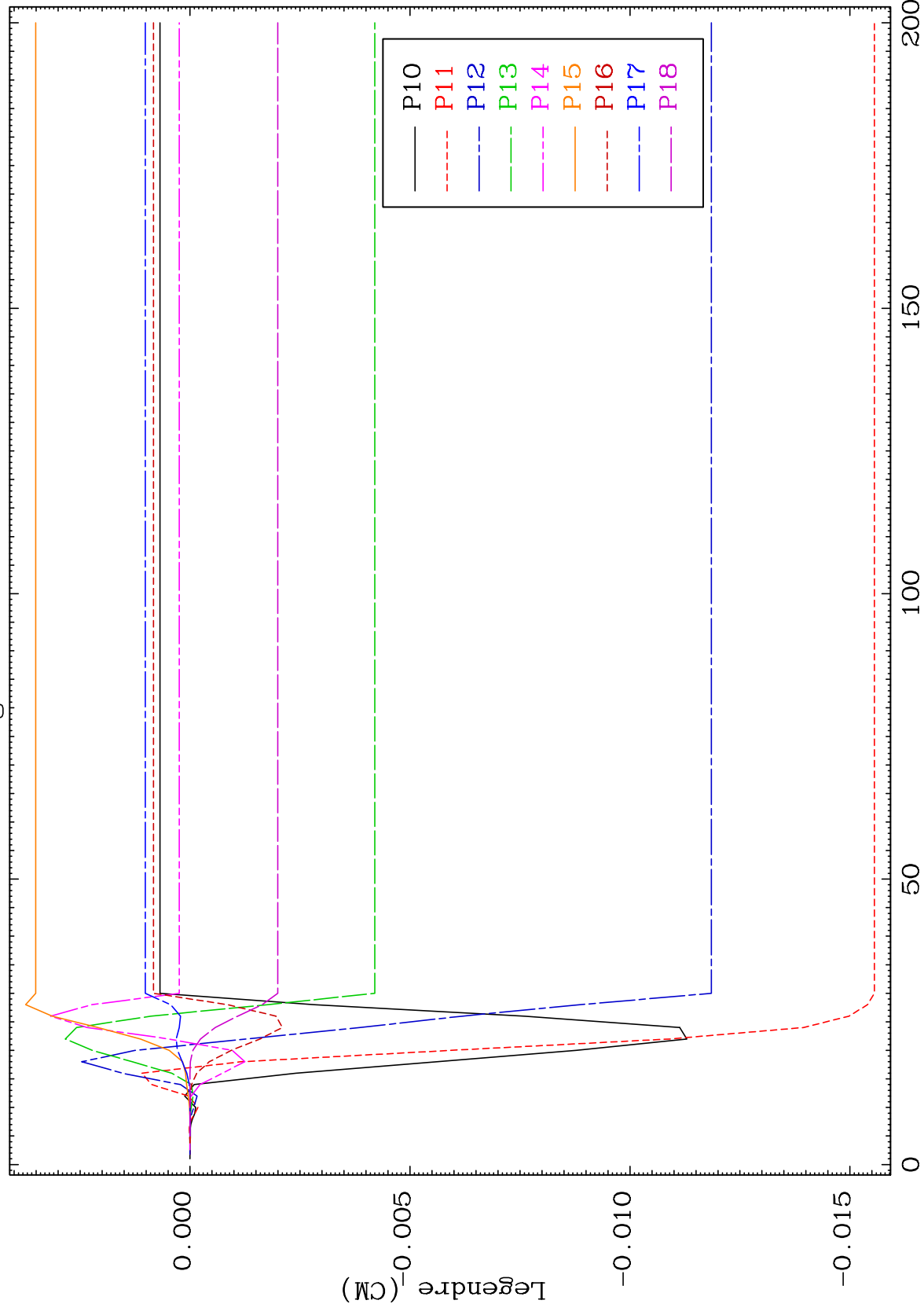
78-Pt-187



MAT 7816

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

78-Pt-187



101

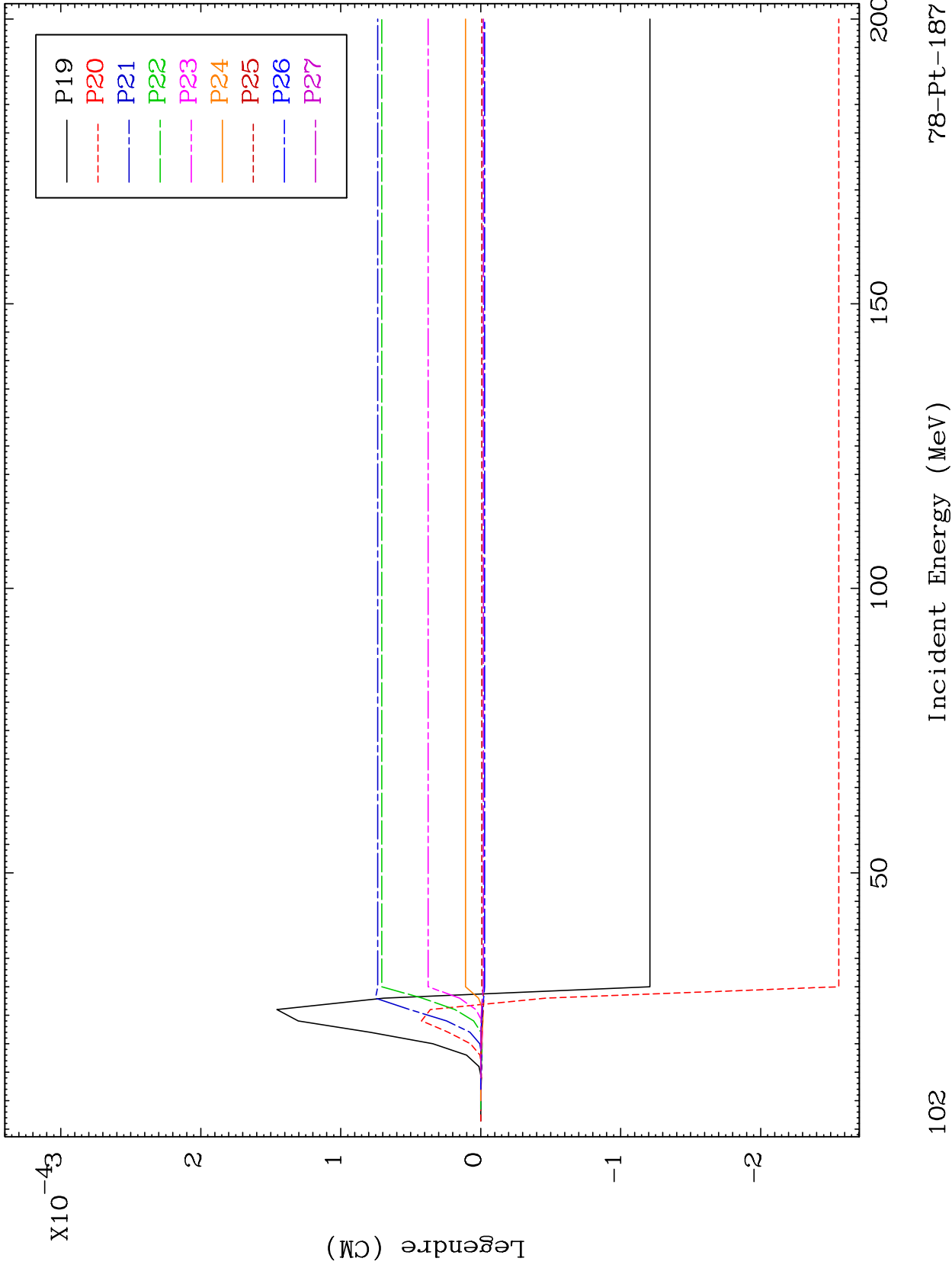
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

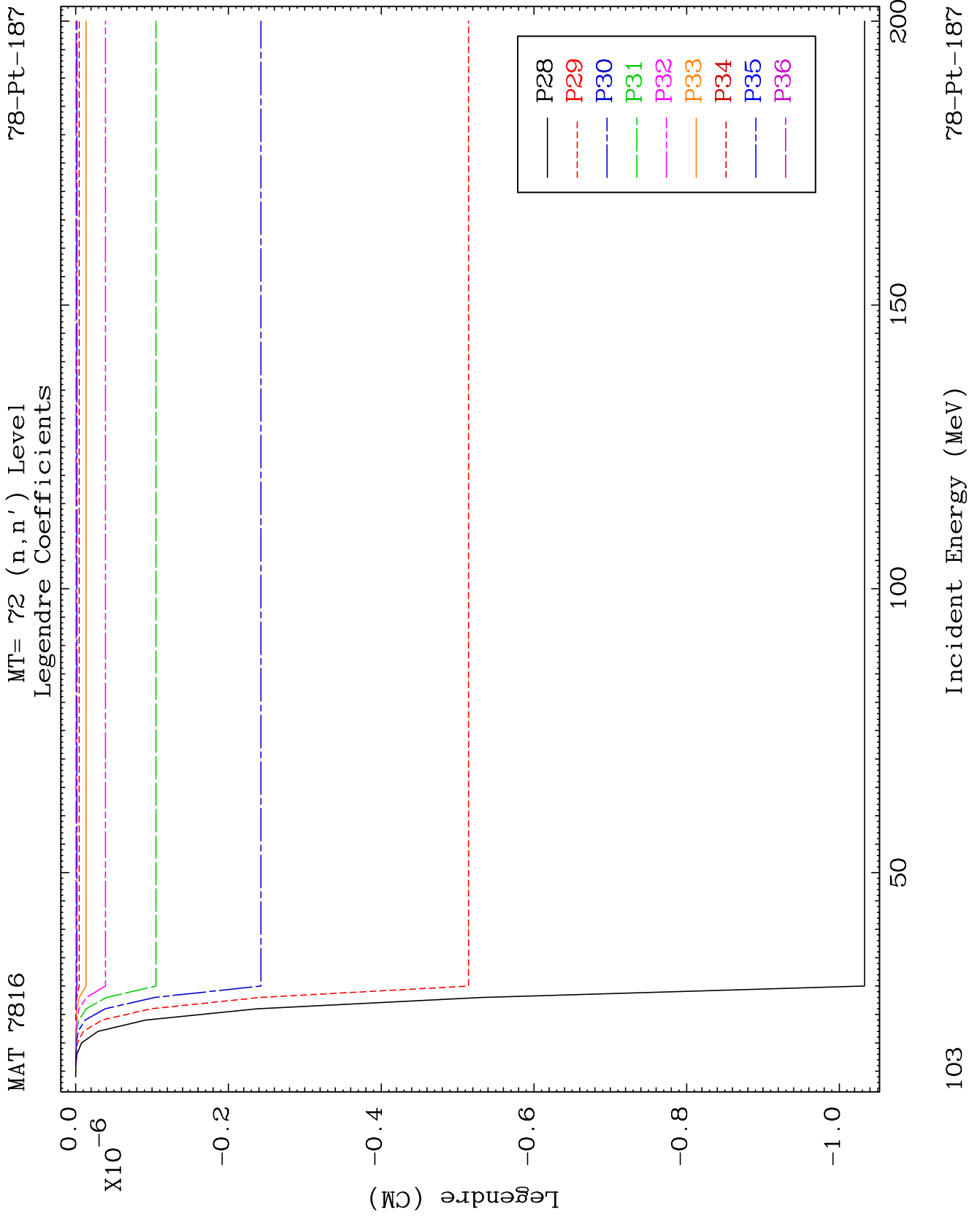
78-Pt-187



102

Incident Energy (MeV)

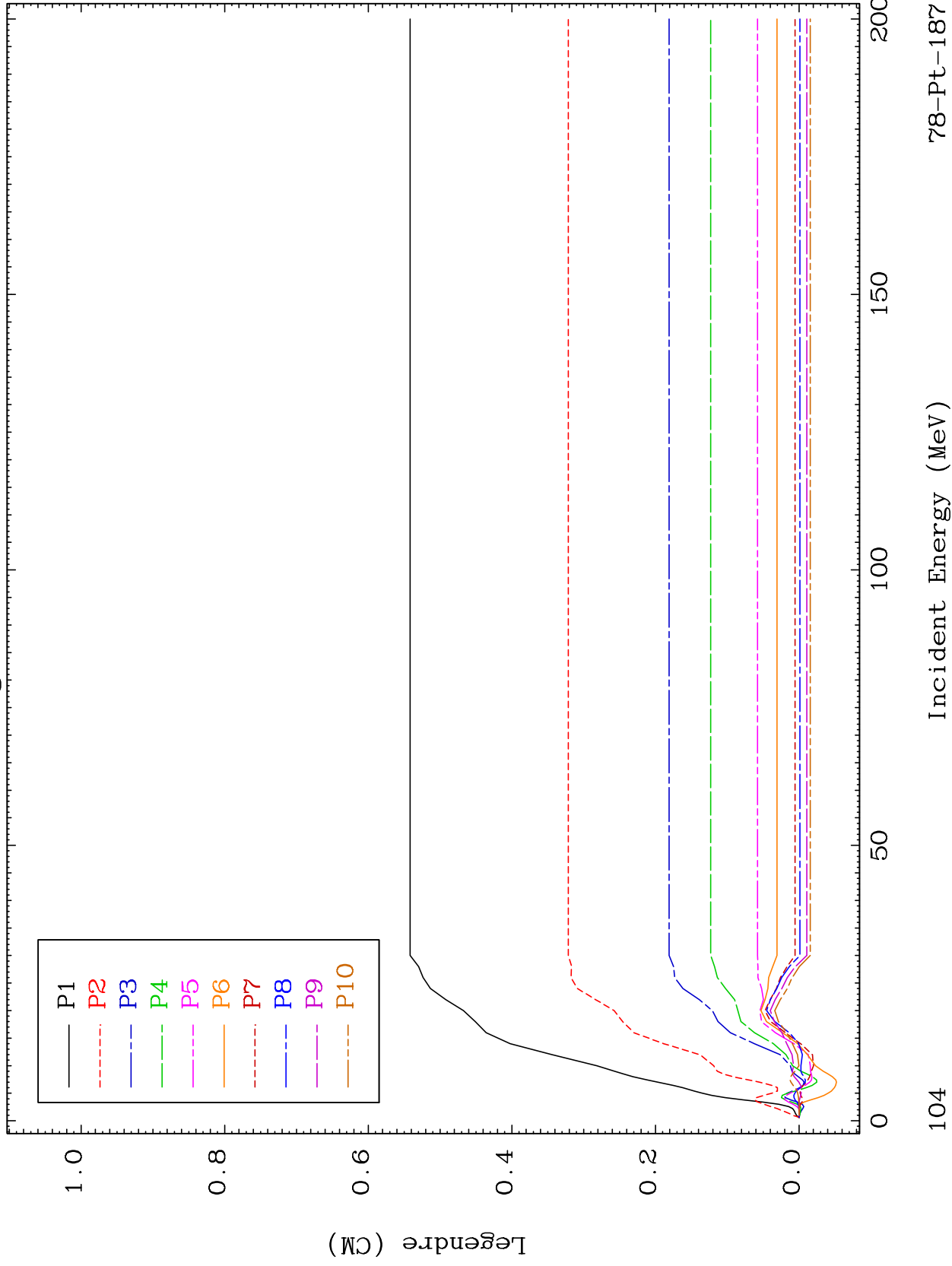
78-Pt-187



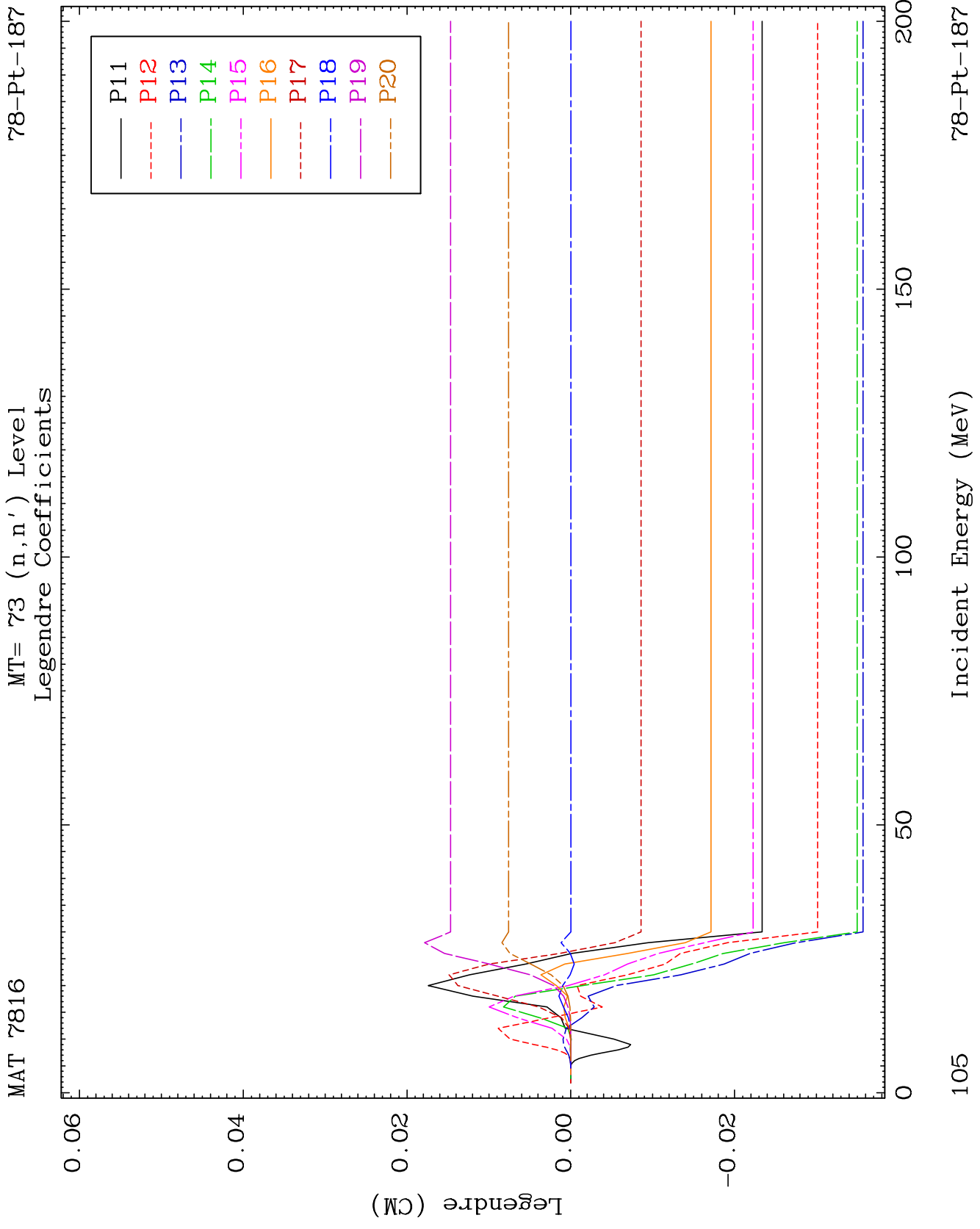
MAT 7816

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

78-Pt-187



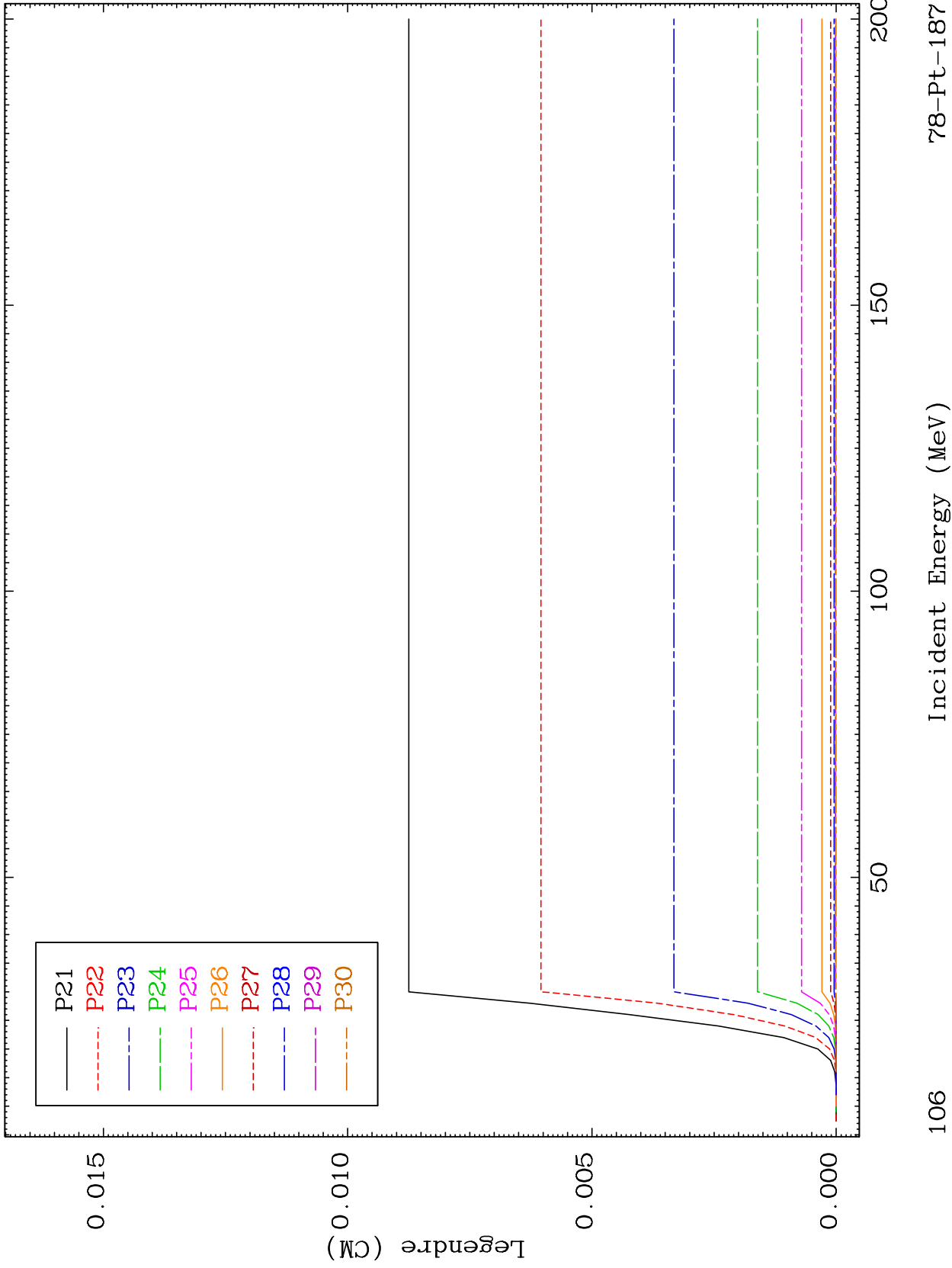
104



MAT 7816

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

78-Pt-187



106

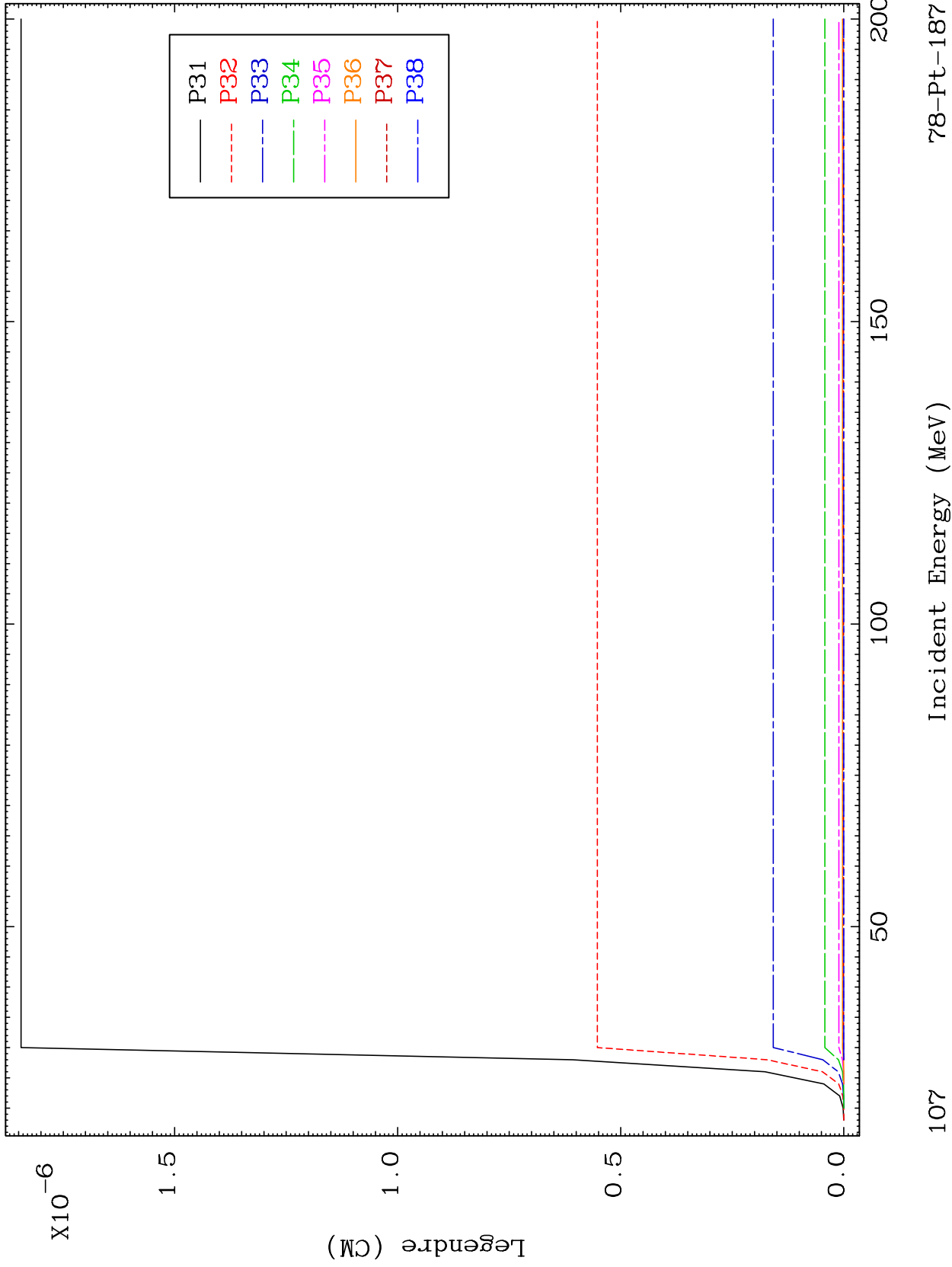
Incident Energy (MeV)

78-Pt-187

MAT 7816

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

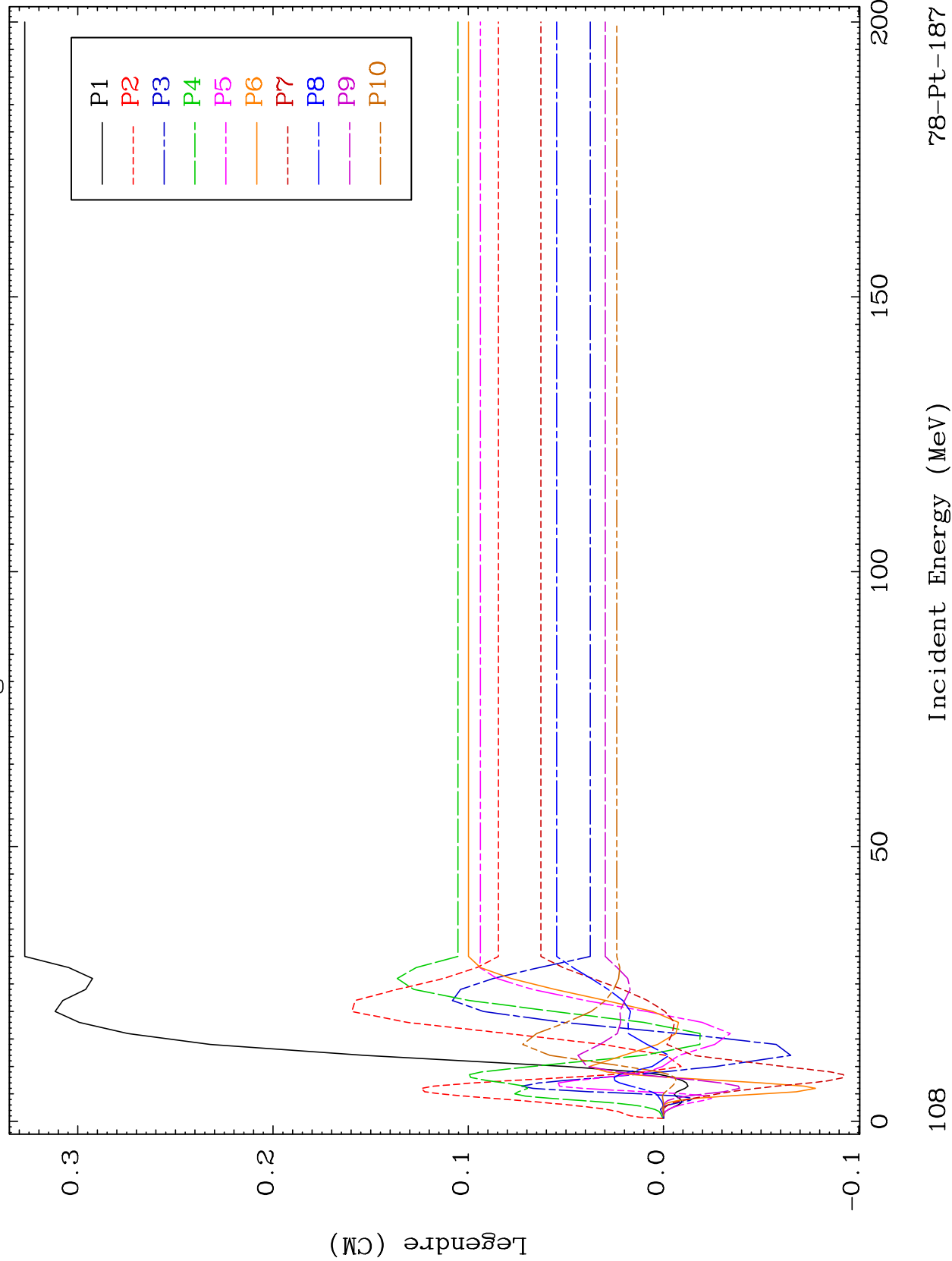
78-Pt-187



MAT 7816

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

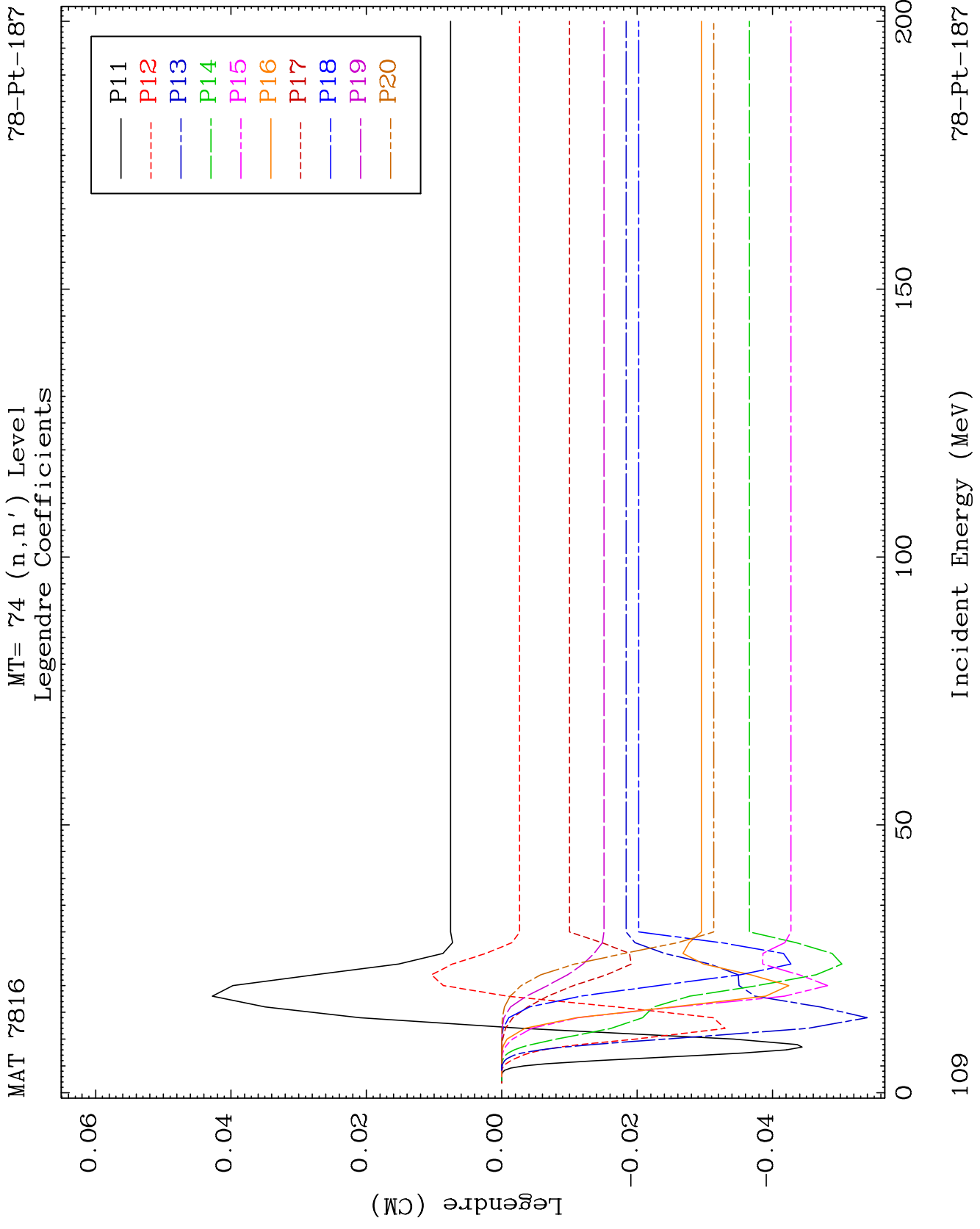
78-Pt-187

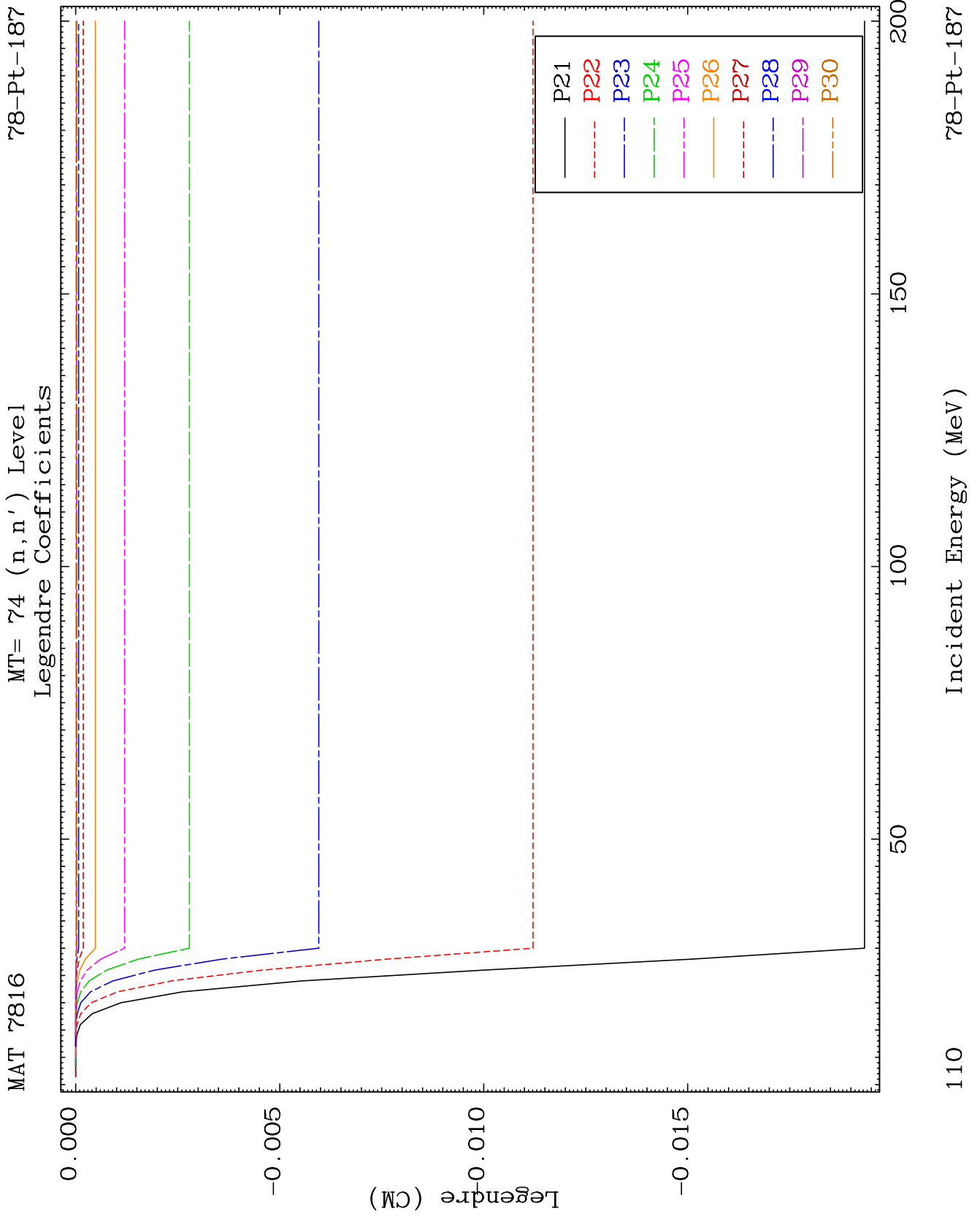


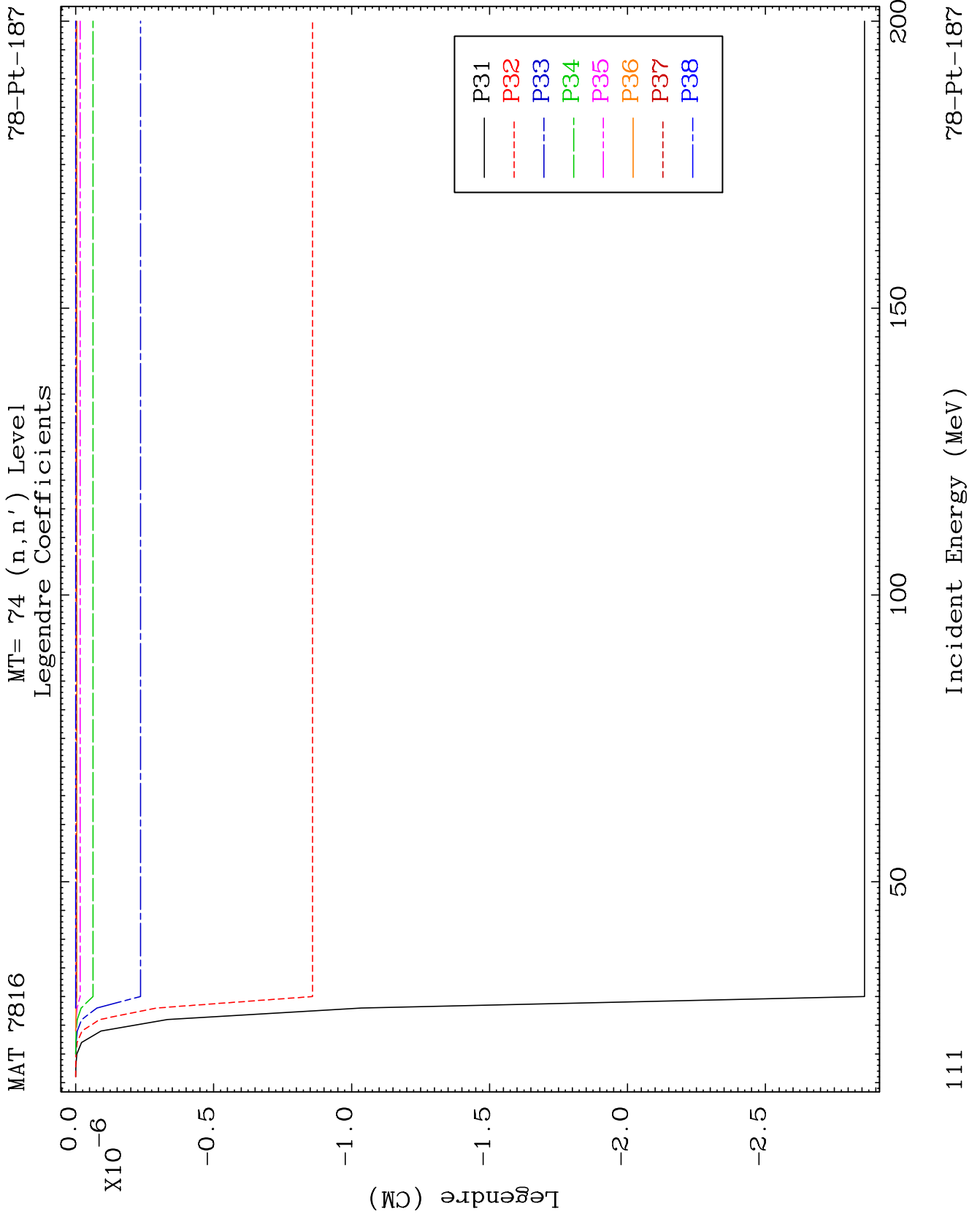
78-Pt-187

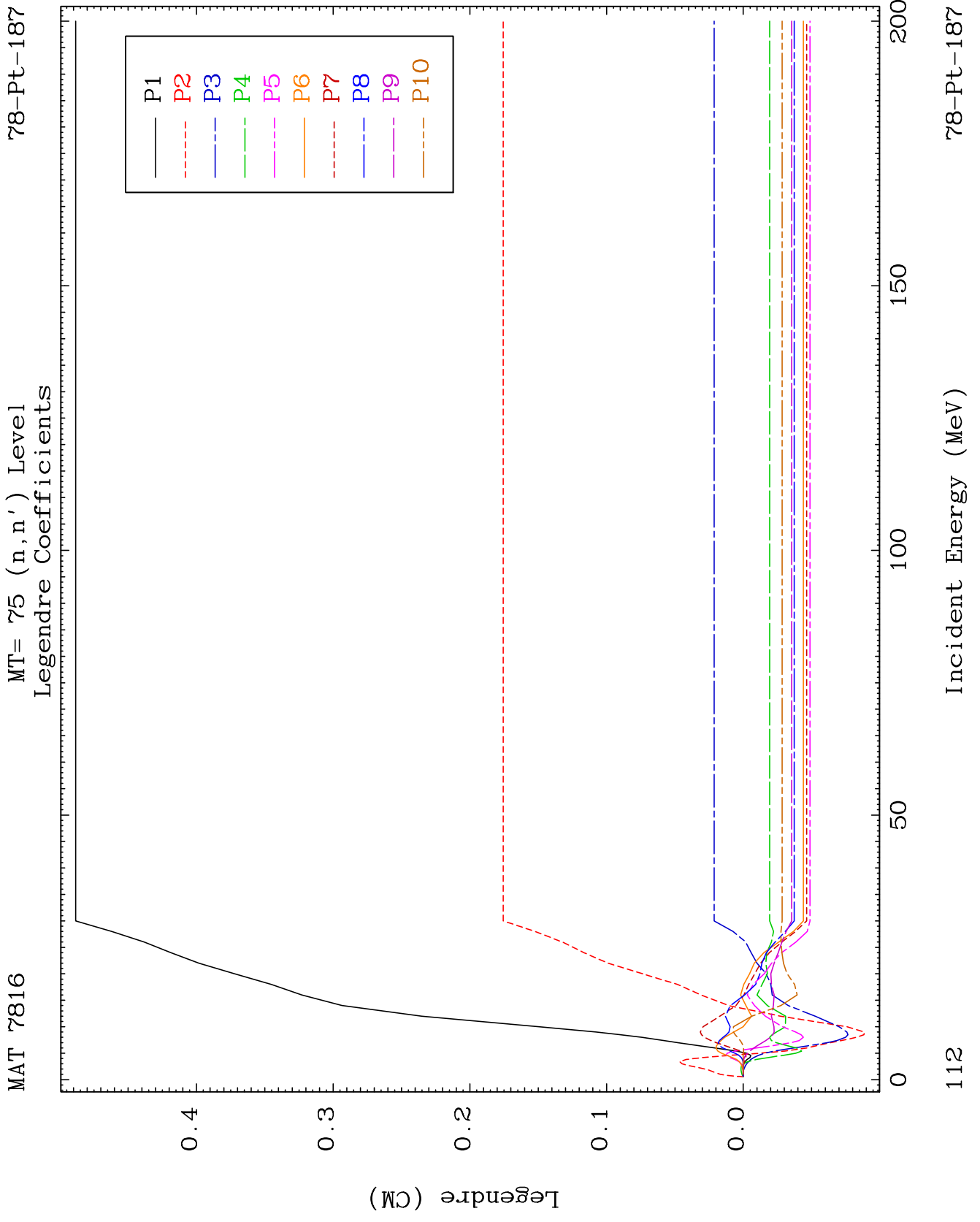
Incident Energy (MeV)

108





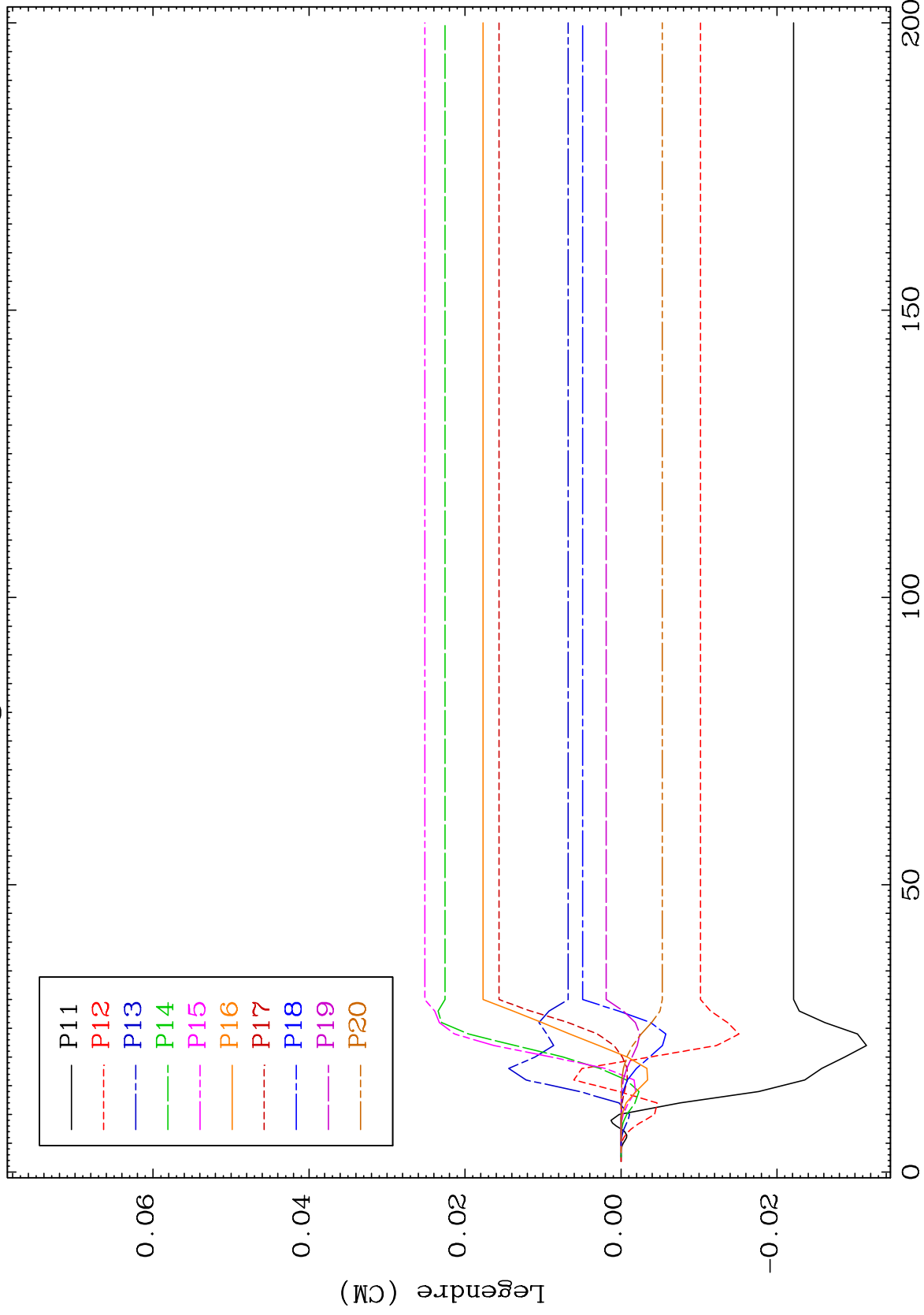




MAT 7816

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

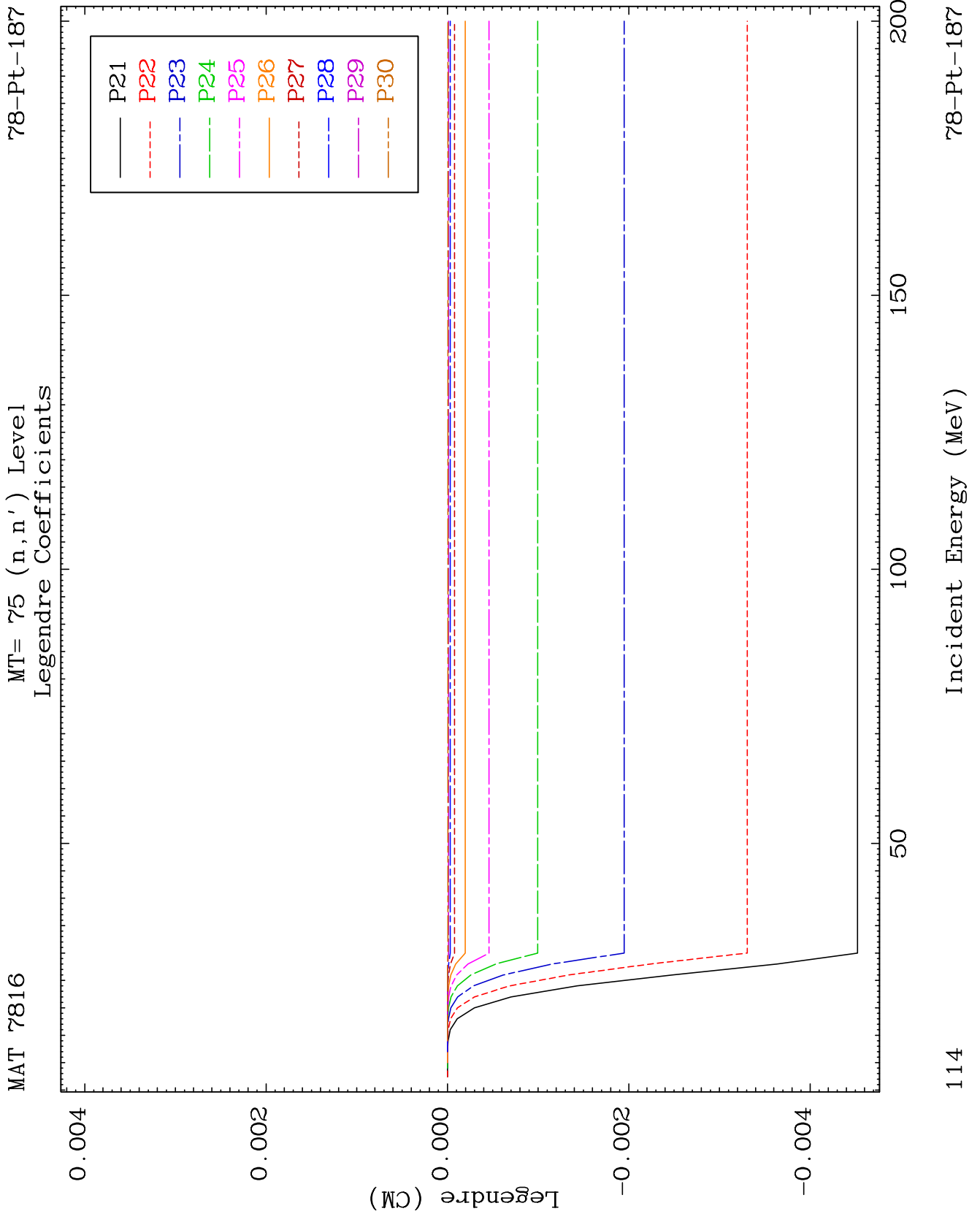
78-Pt-187

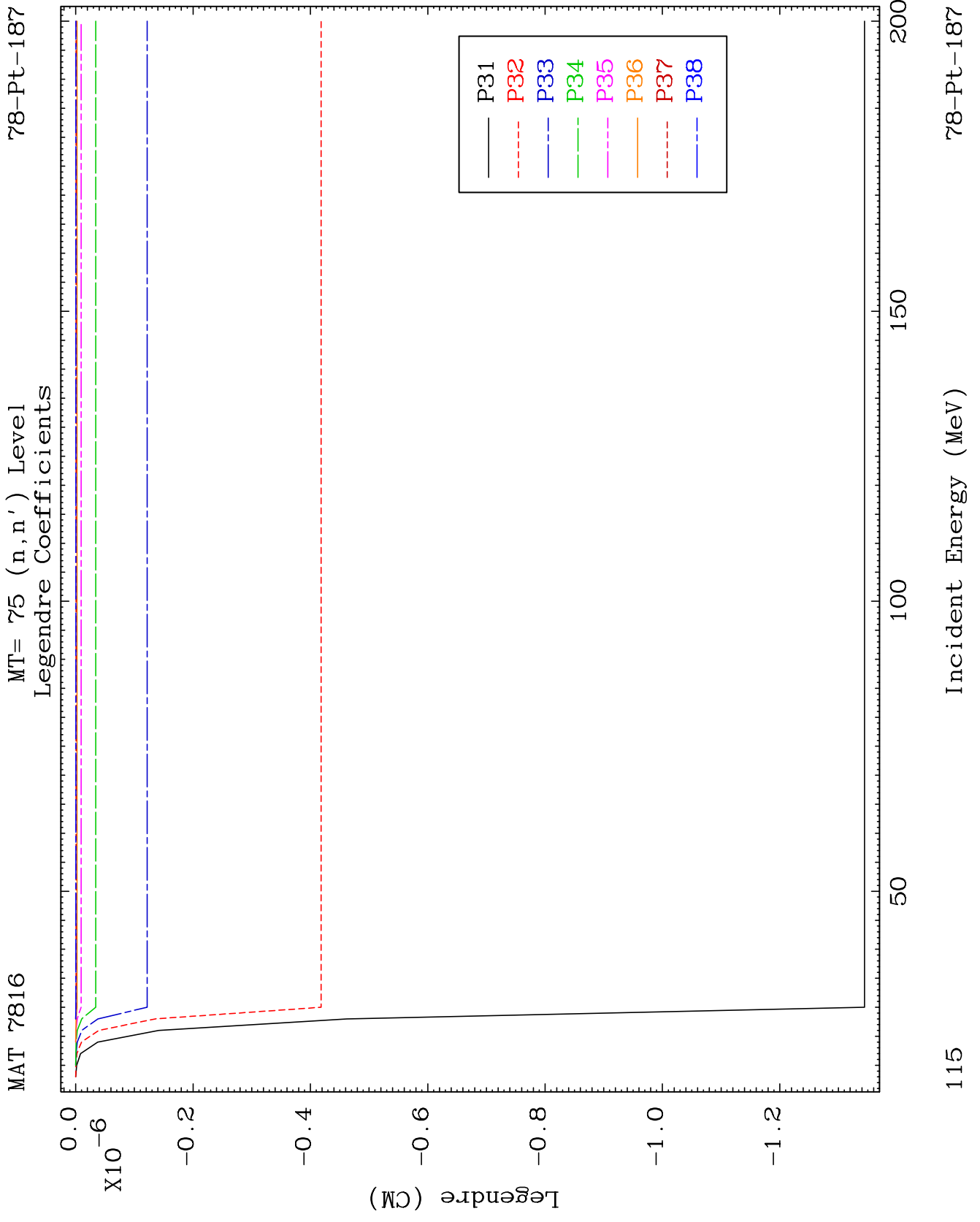


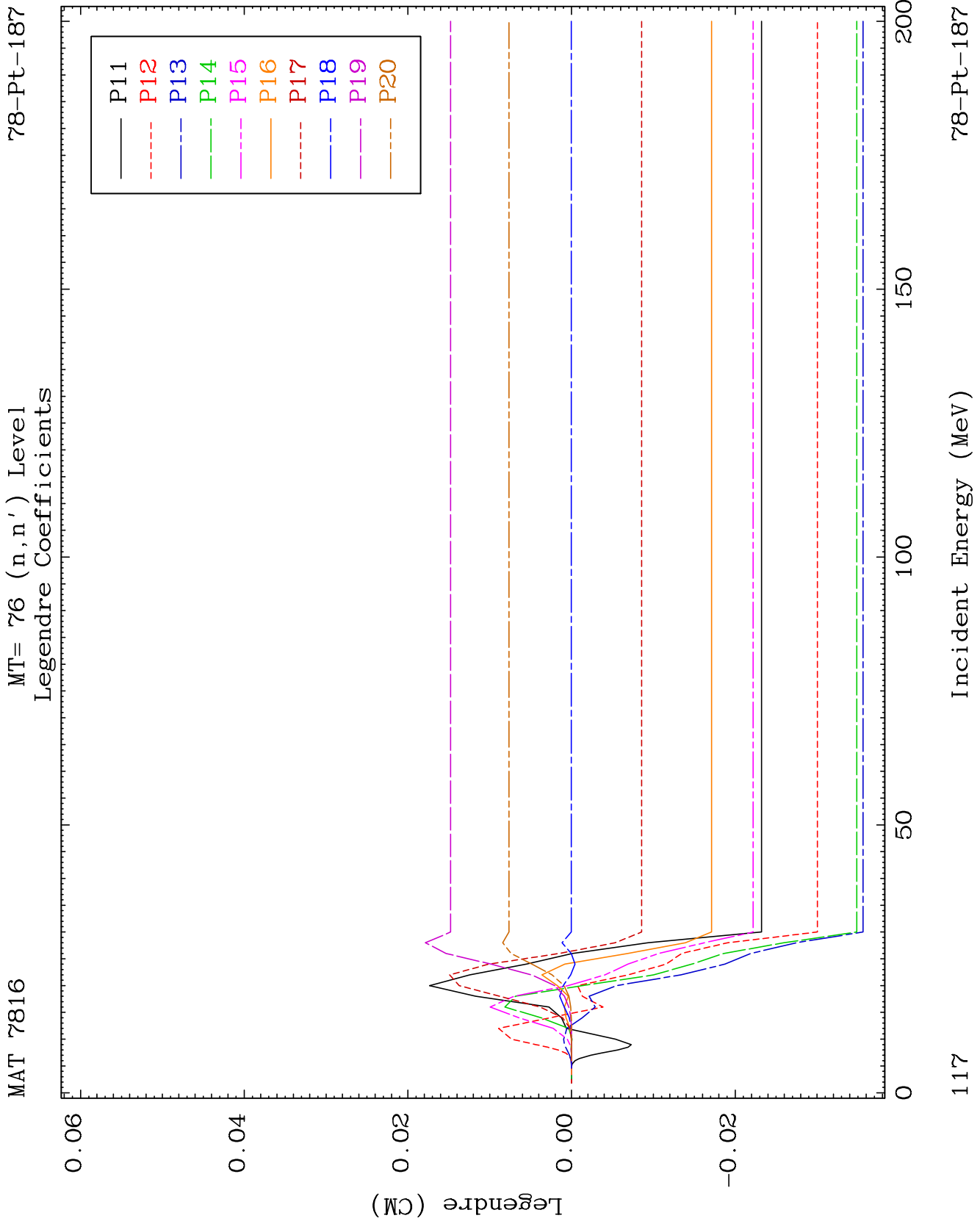
113

Incident Energy (MeV)

78-Pt-187



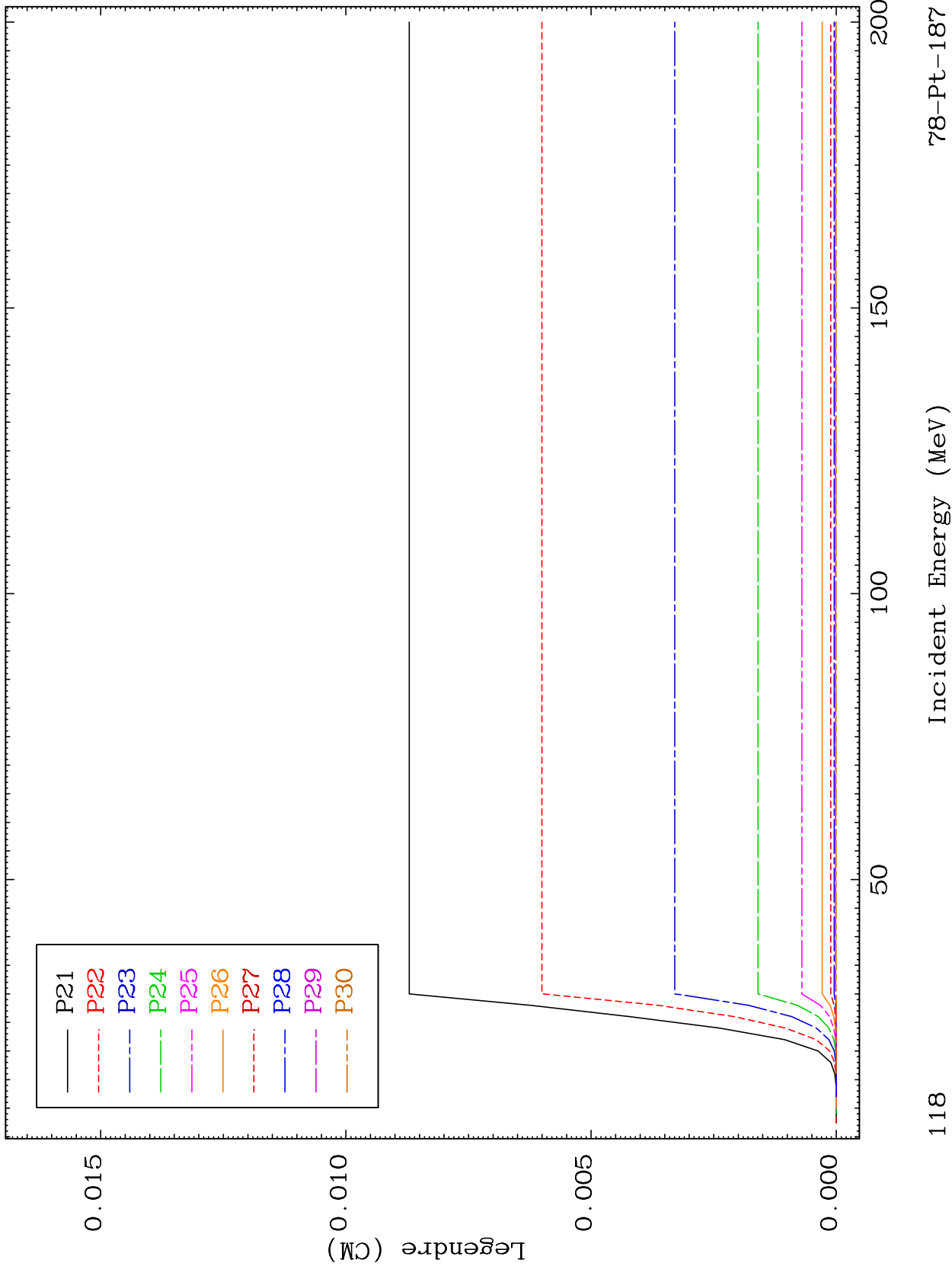




MAT 7816

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

78-Pt-187



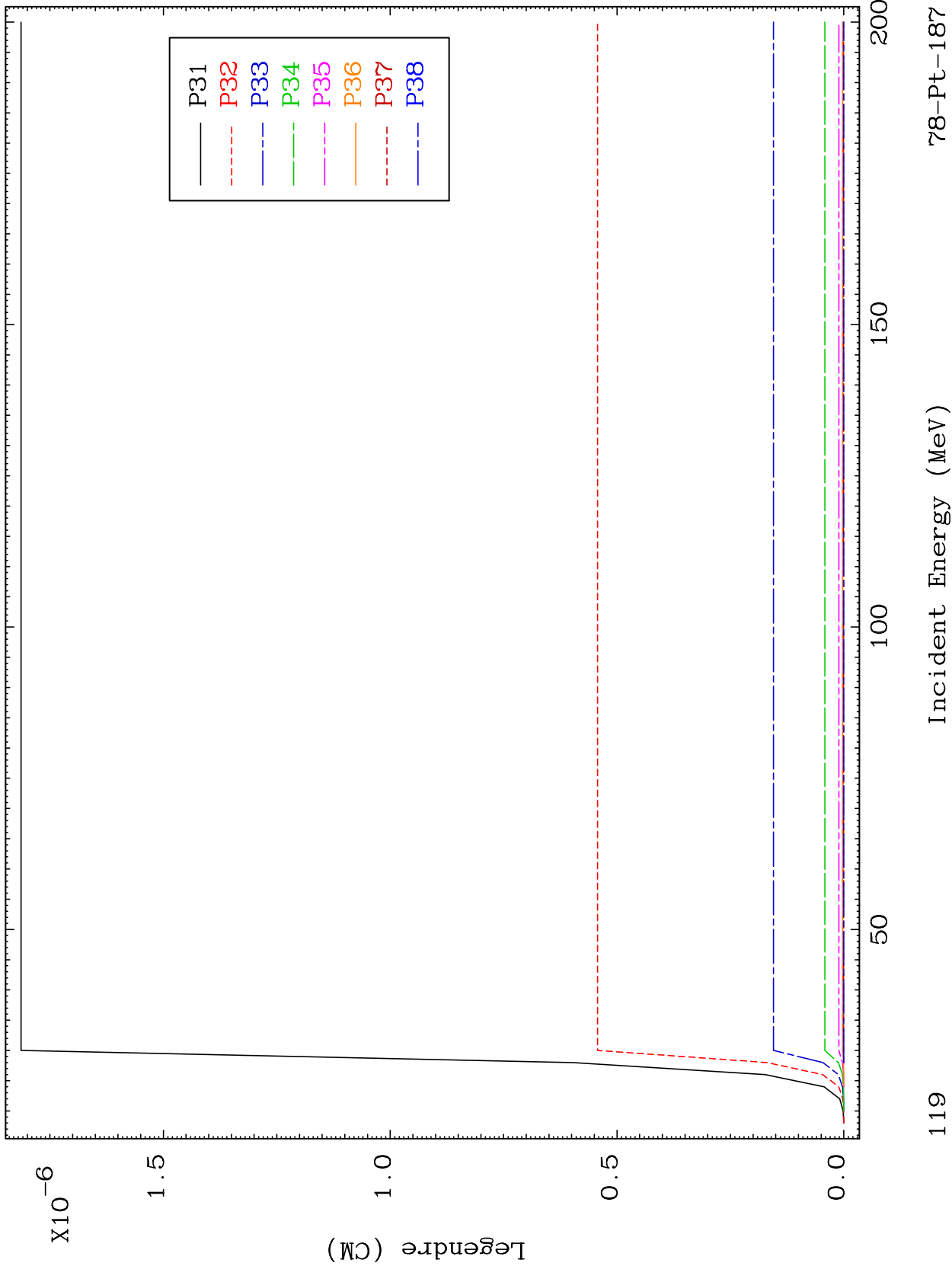
118

78-Pt-187

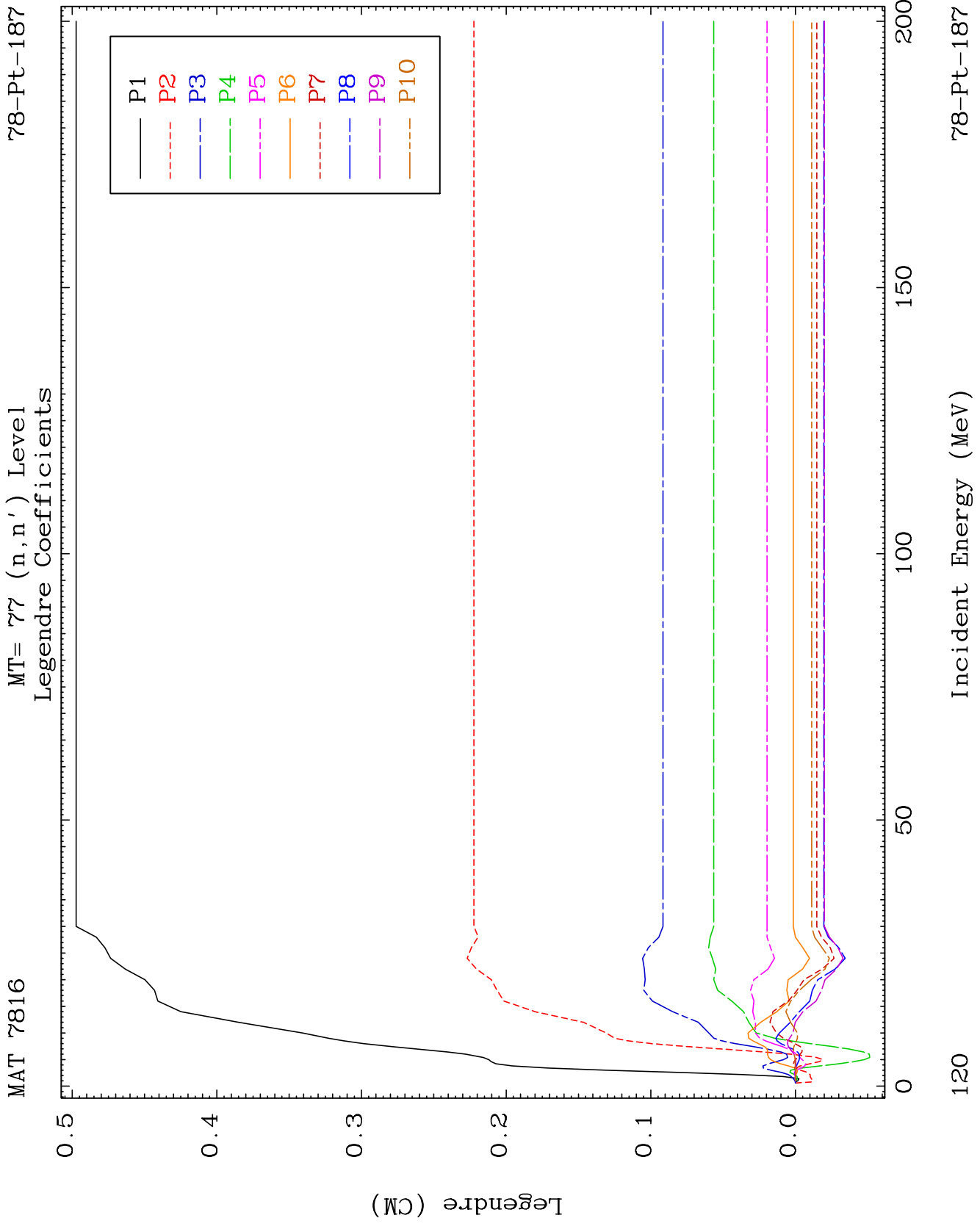
MAT 7816

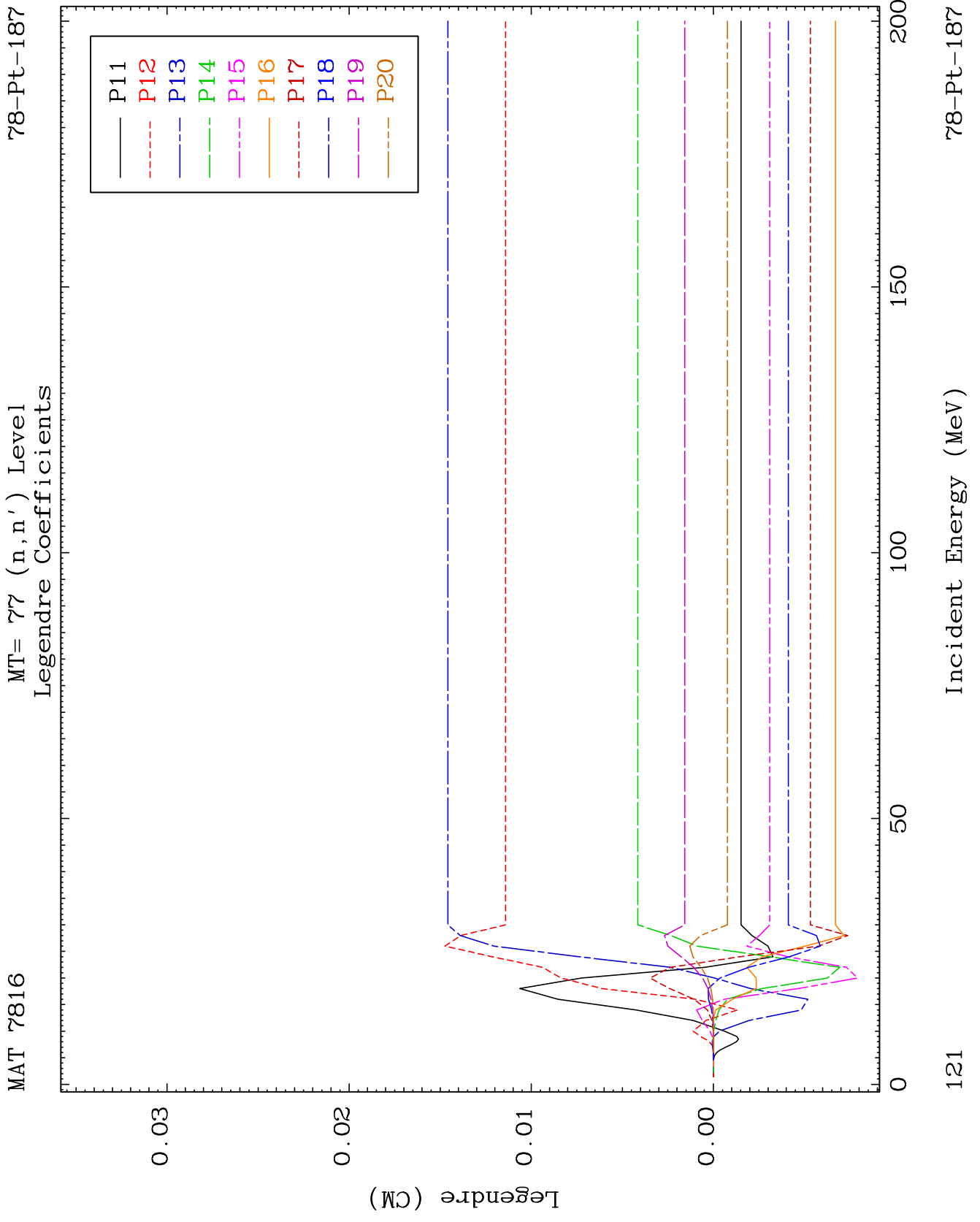
MT= 76 (n,n') Level
Legendre Coefficients

78-Pt-187



119

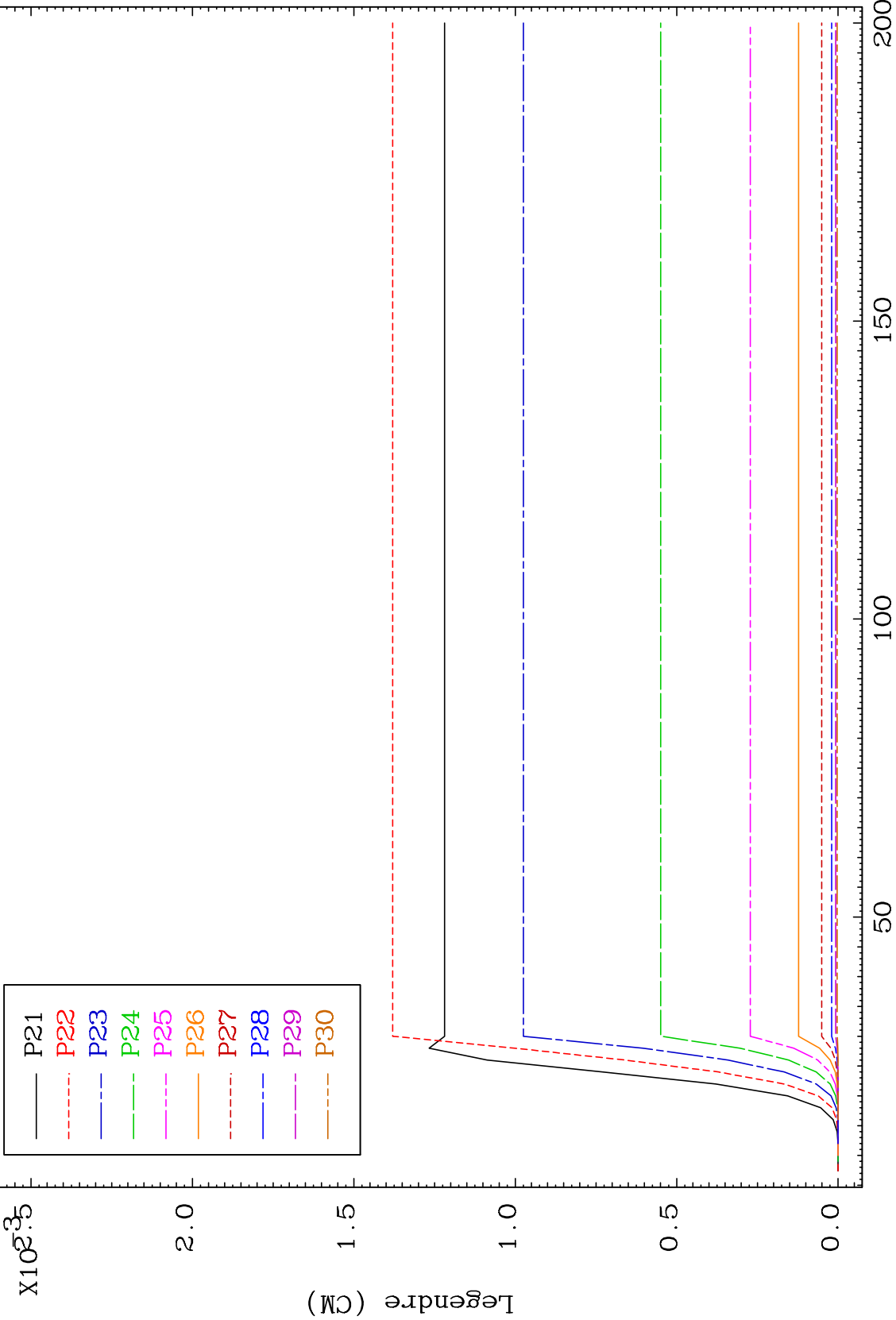
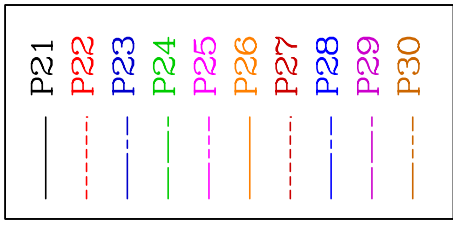




MAT 7816

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

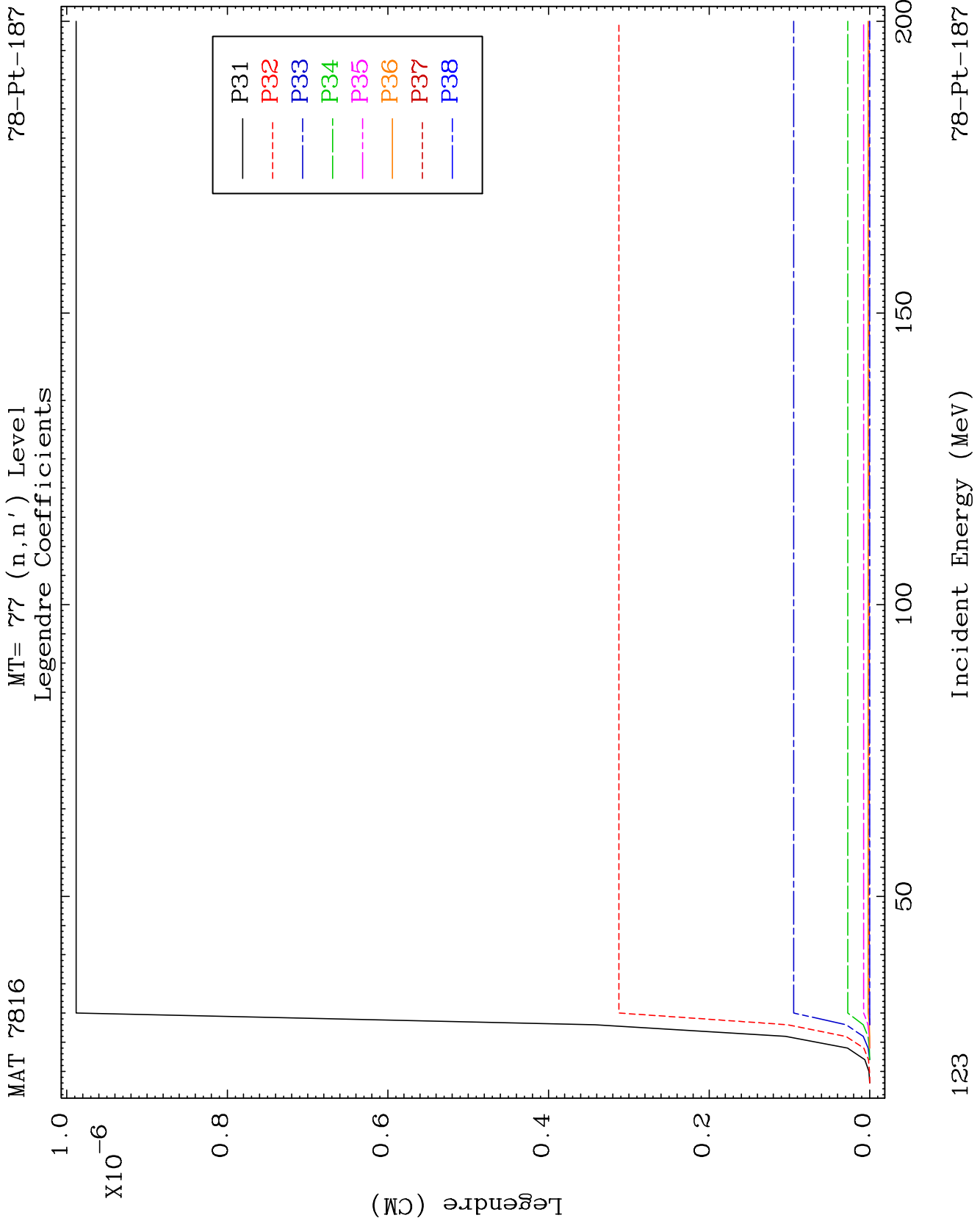
78-Pt-187

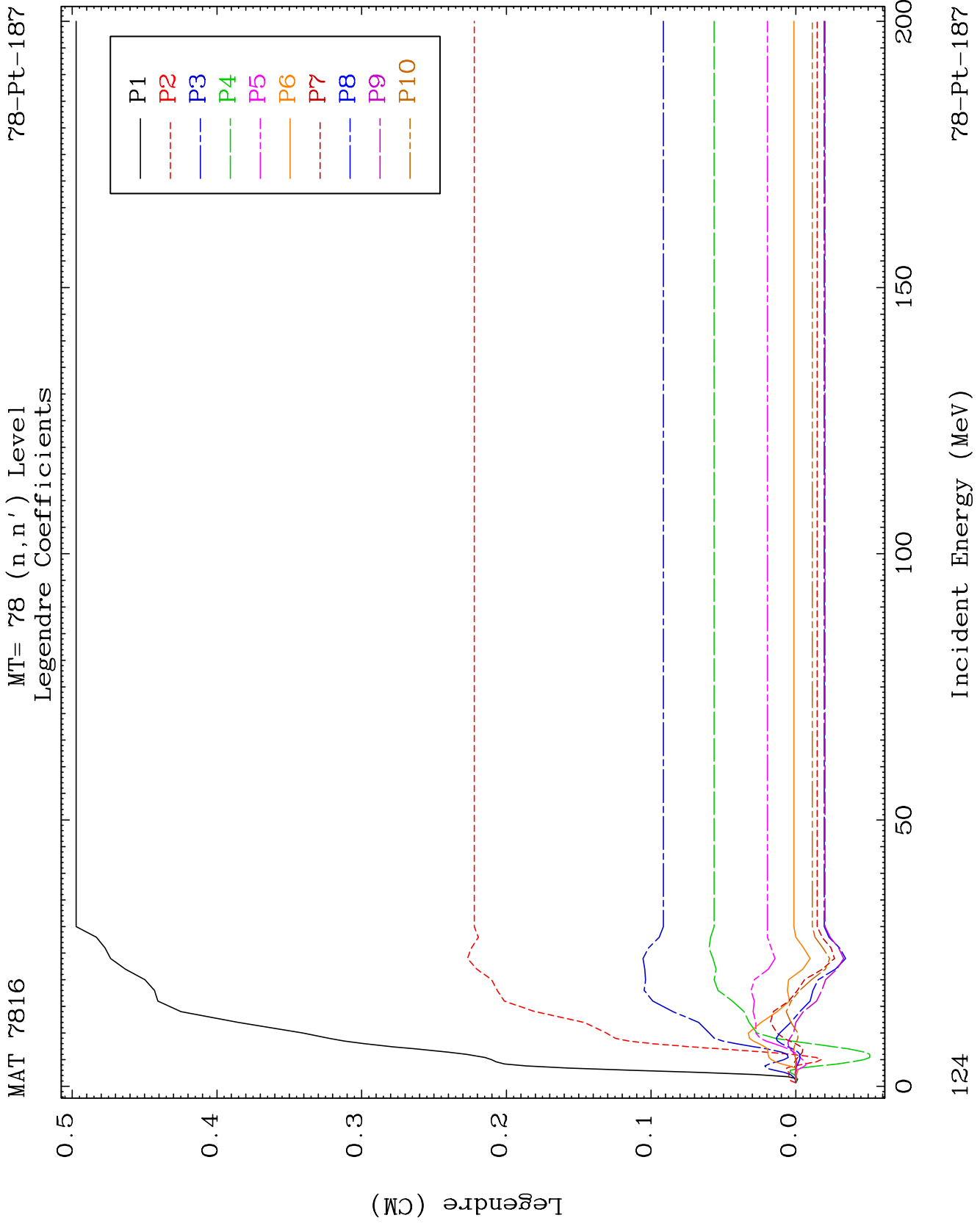


122

Incident Energy (MeV)

78-Pt-187

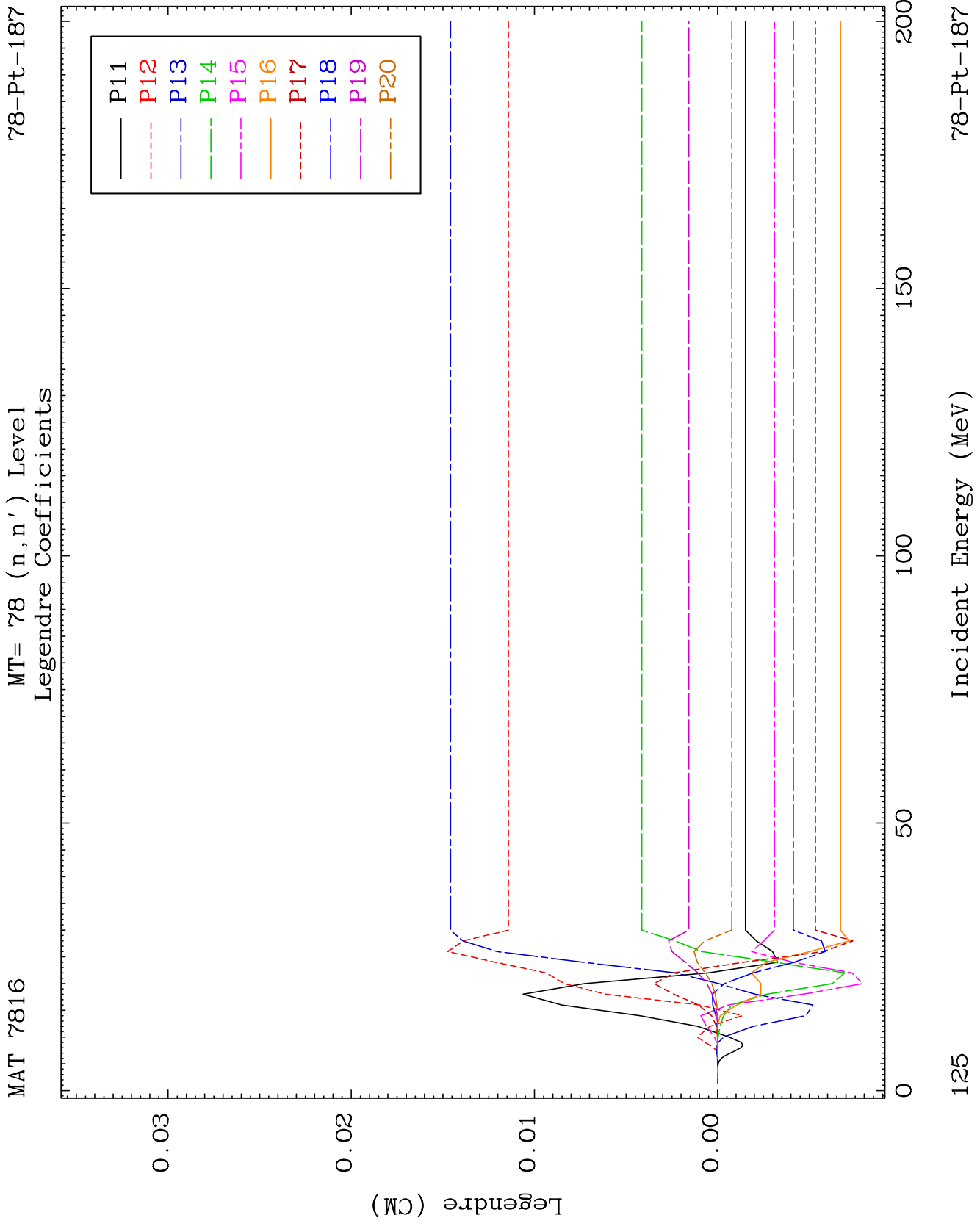




78-Pt-187

Incident Energy (MeV)

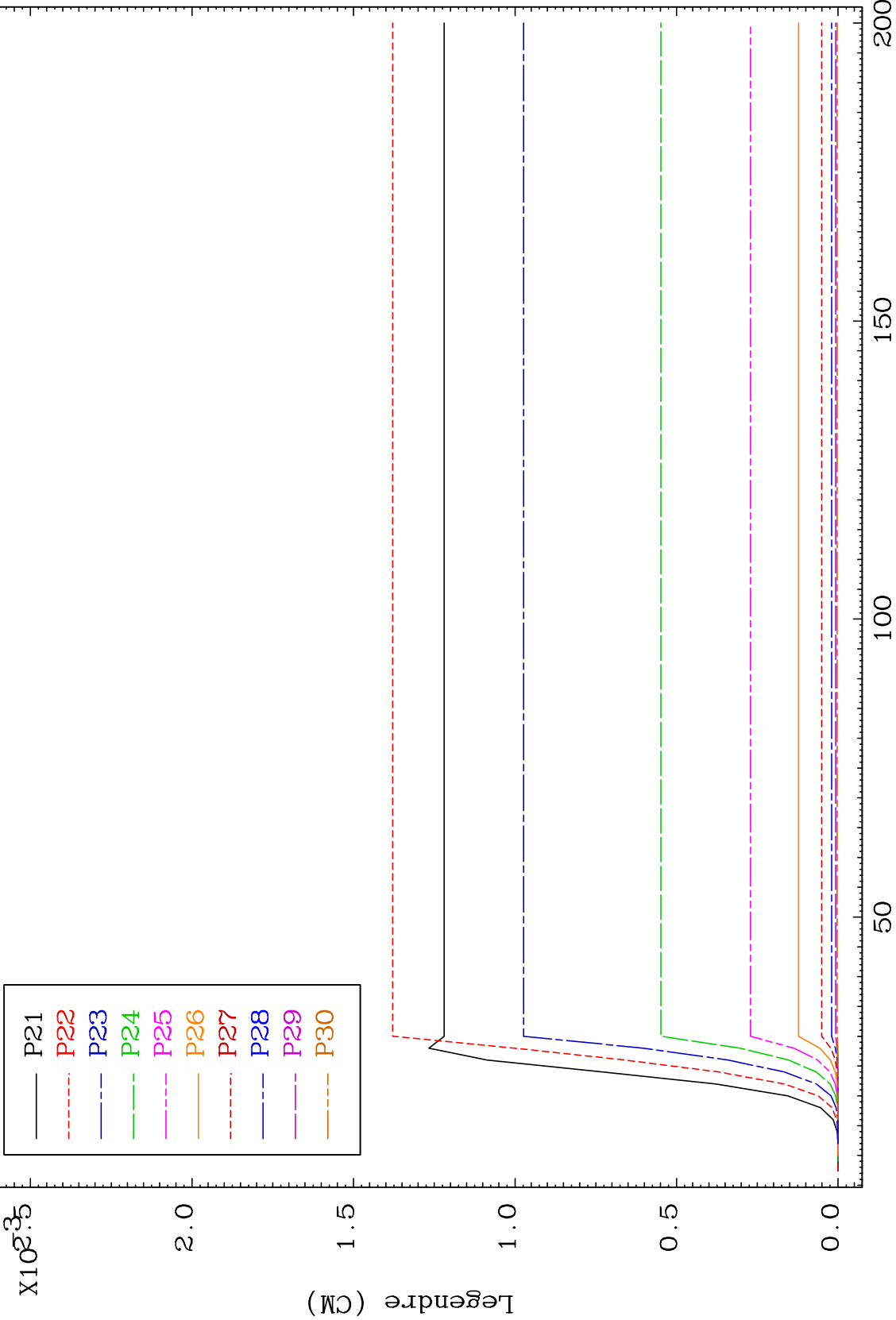
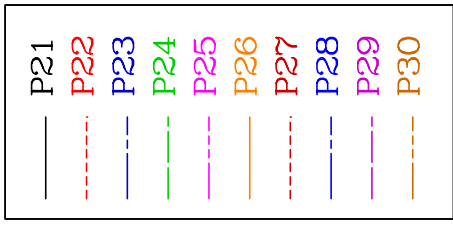
124



MAT 7816

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

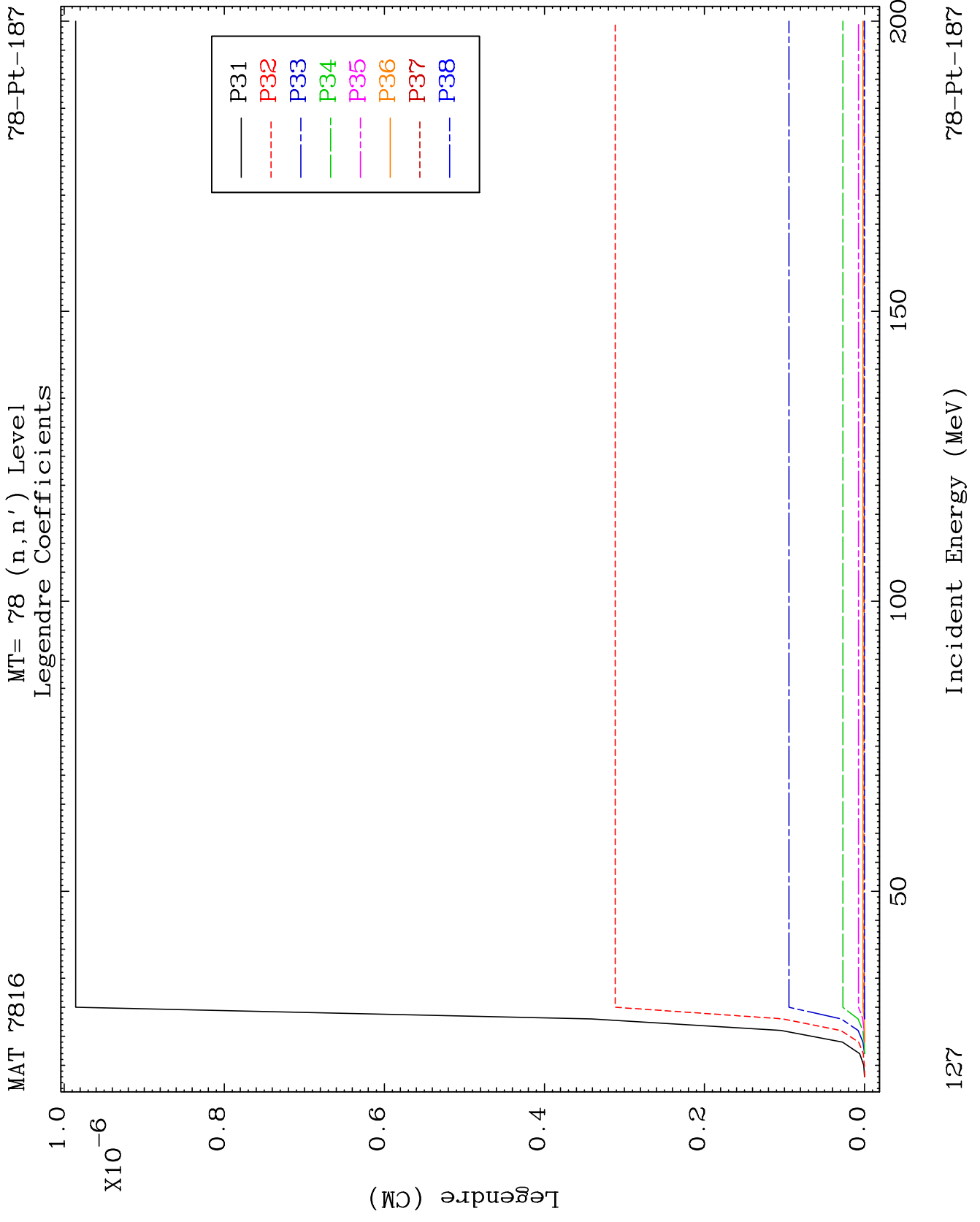
78-Pt-187

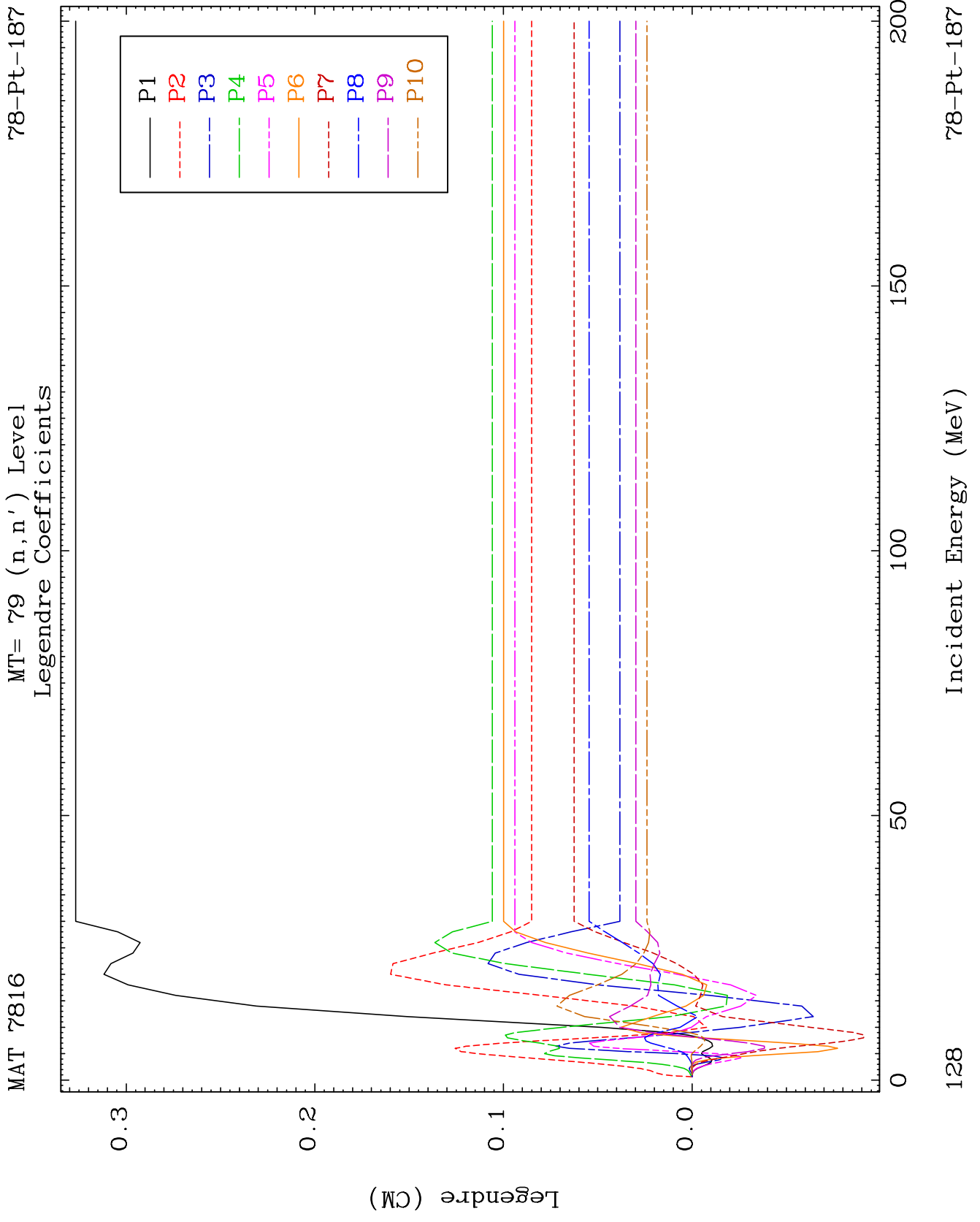


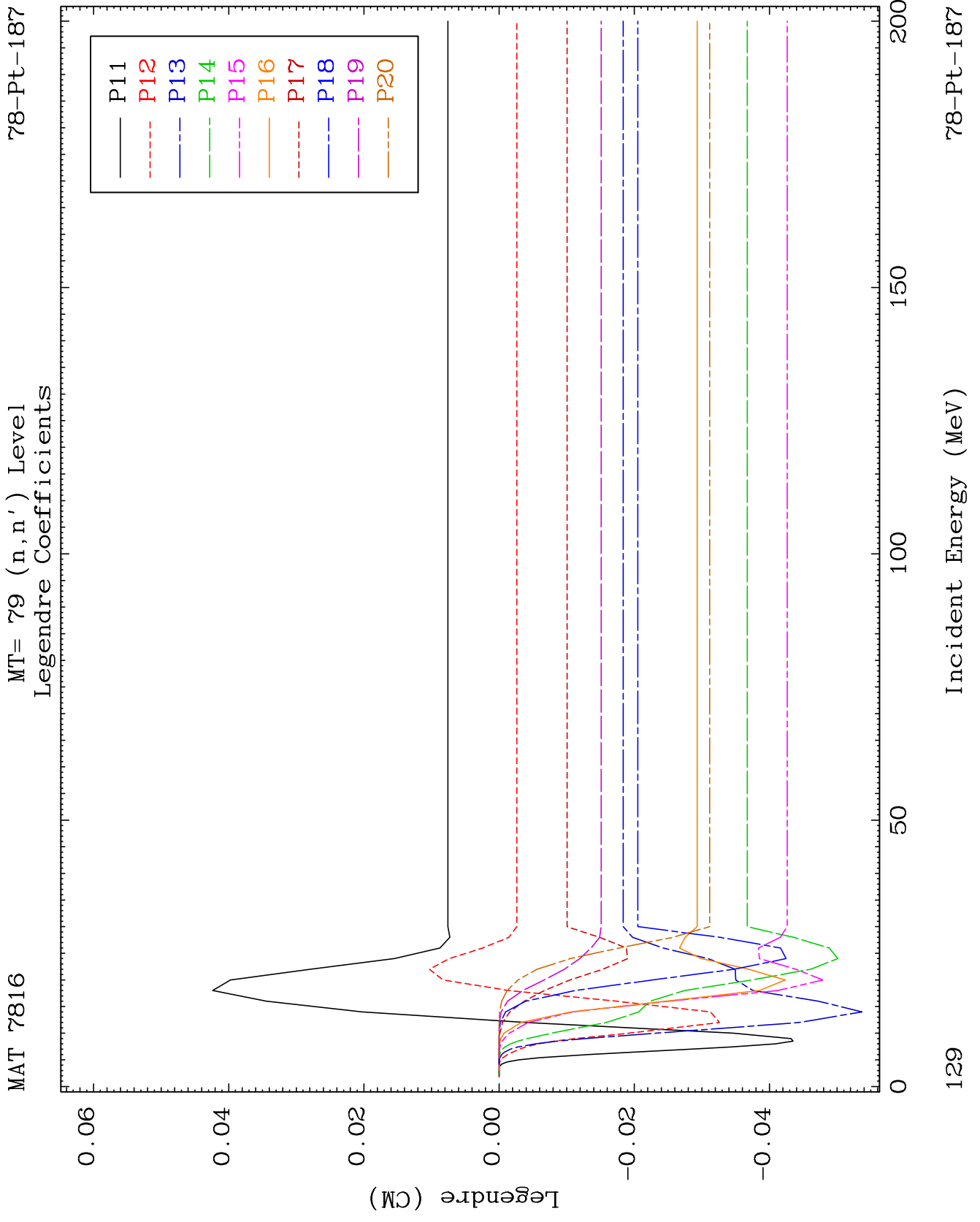
126

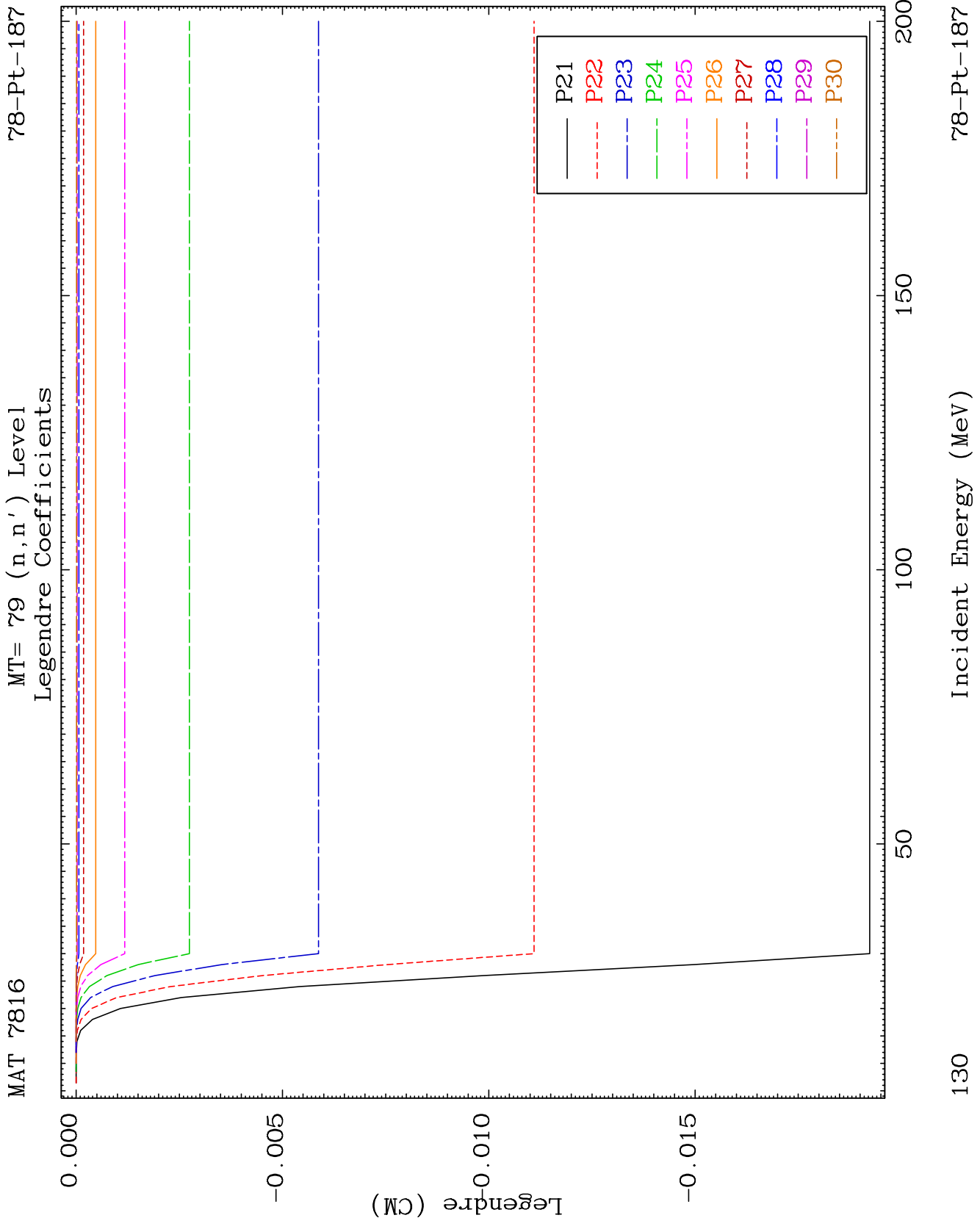
Incident Energy (MeV)

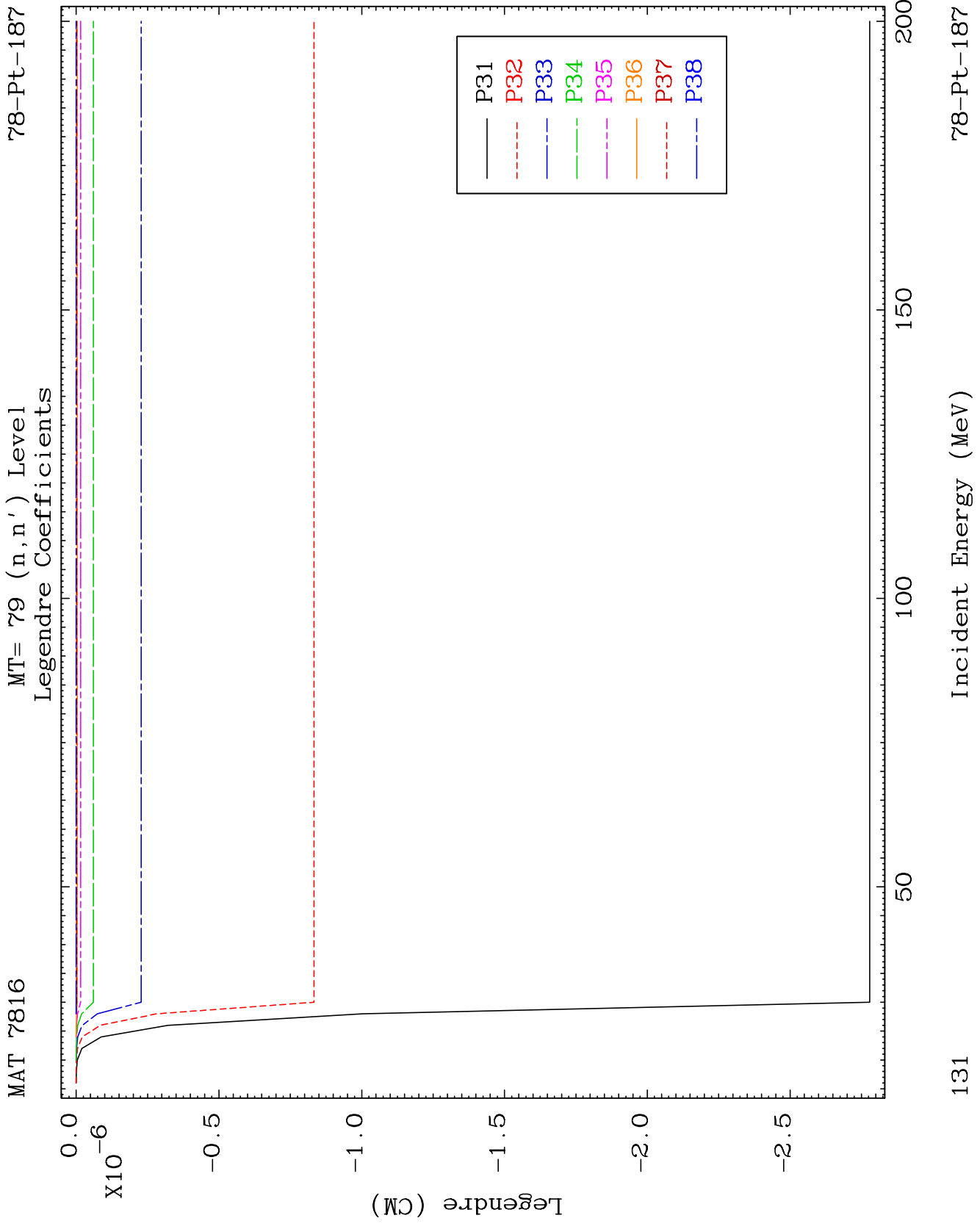
78-Pt-187

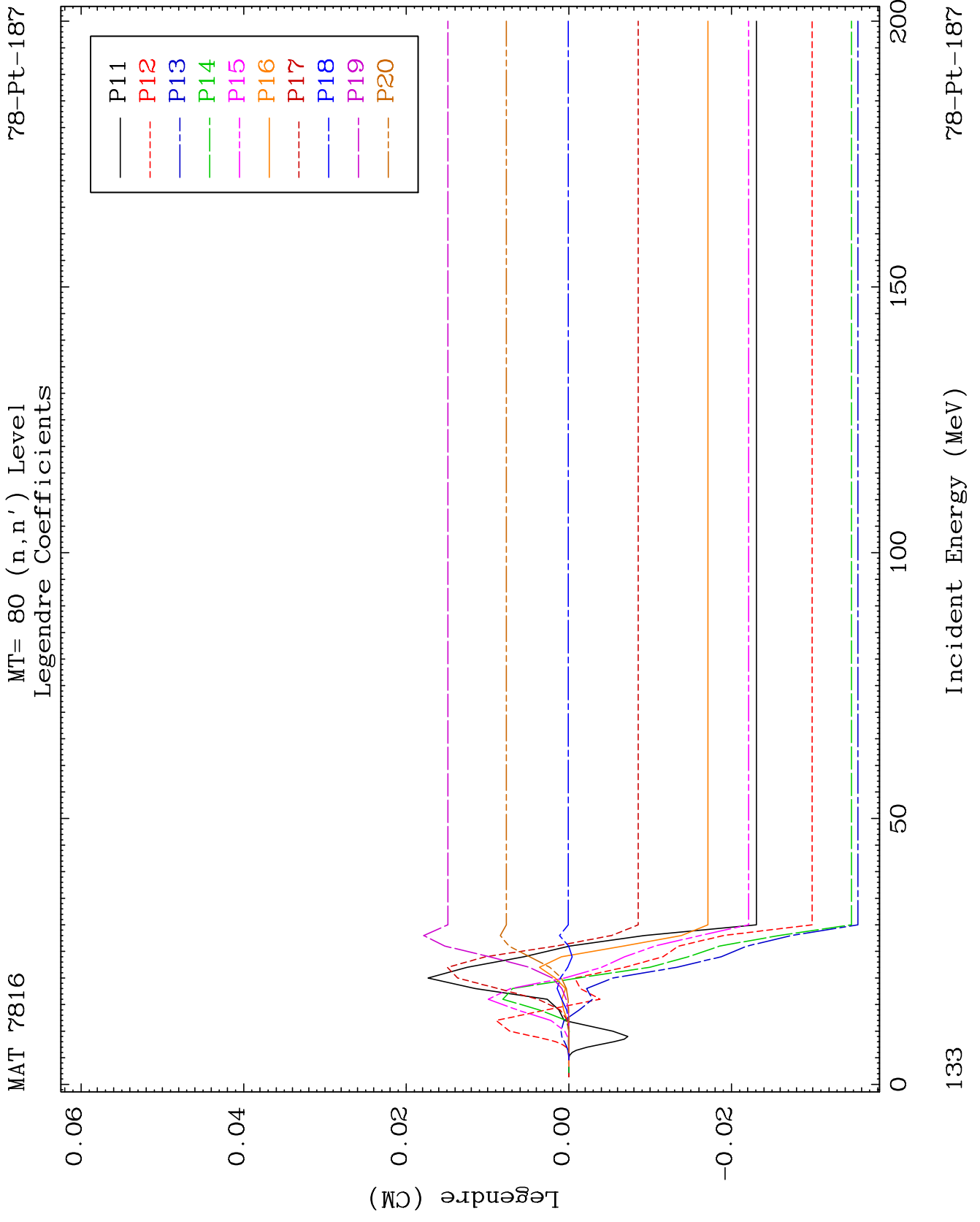








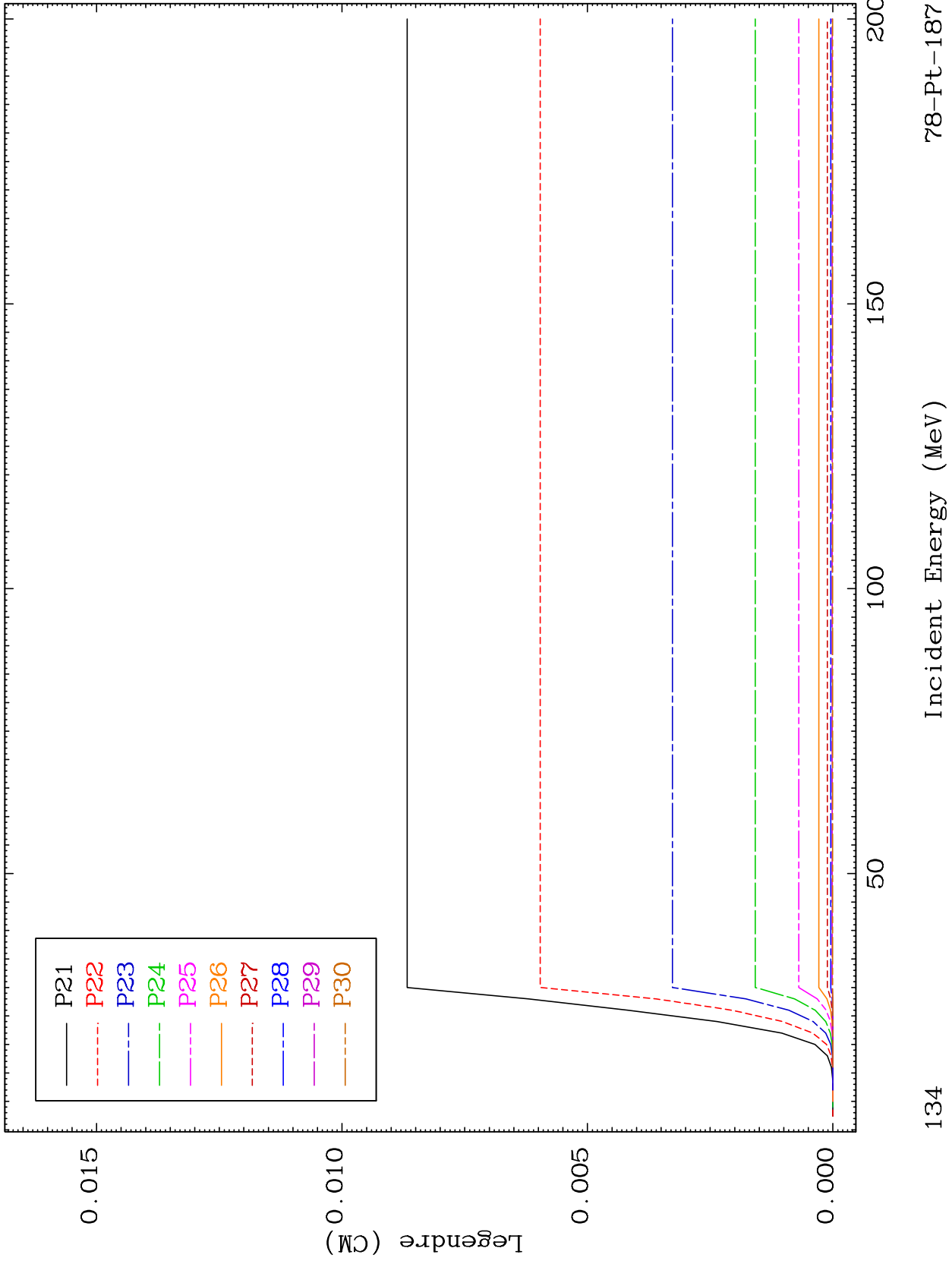




MAT 7816

MT= 80 (n,n') Level
Legendre Coefficients

78-Pt-187



134

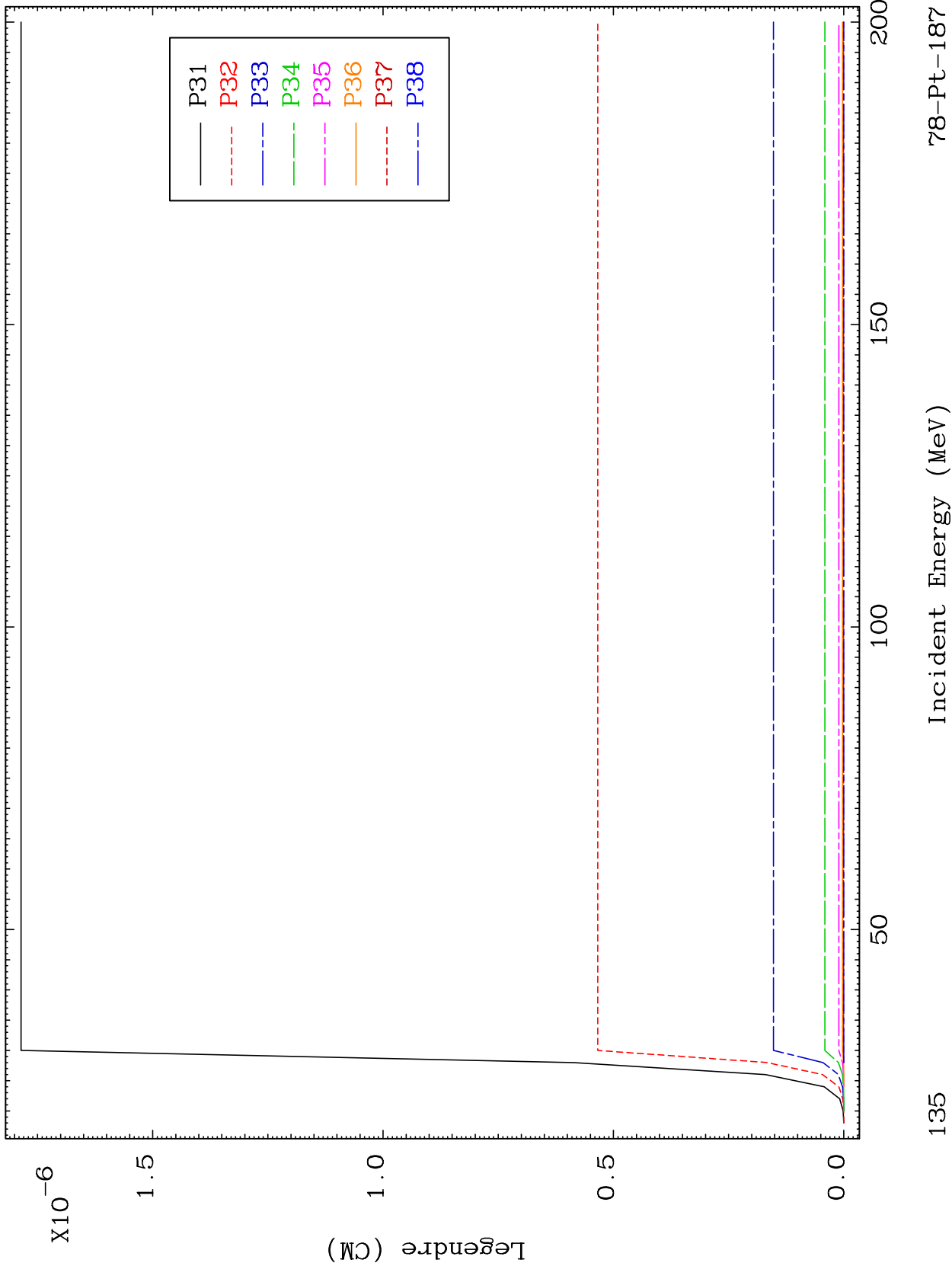
Incident Energy (MeV)

78-Pt-187

MAT 7816

MT= 80 (n,n') Level
Legendre Coefficients

78-Pt-187

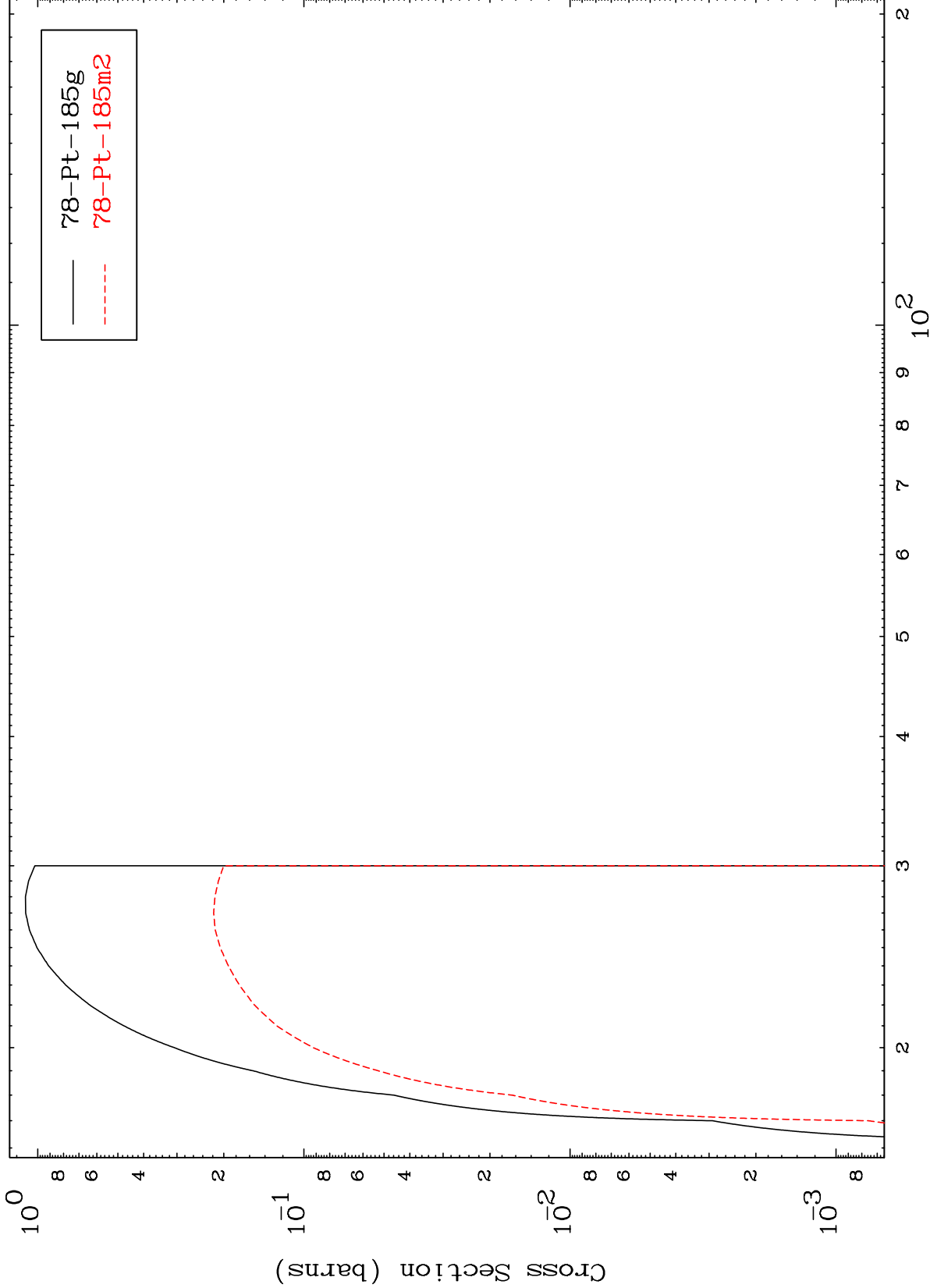


135

Incident Energy (MeV)

78-Pt-187

Radionuclide Production Cross Section

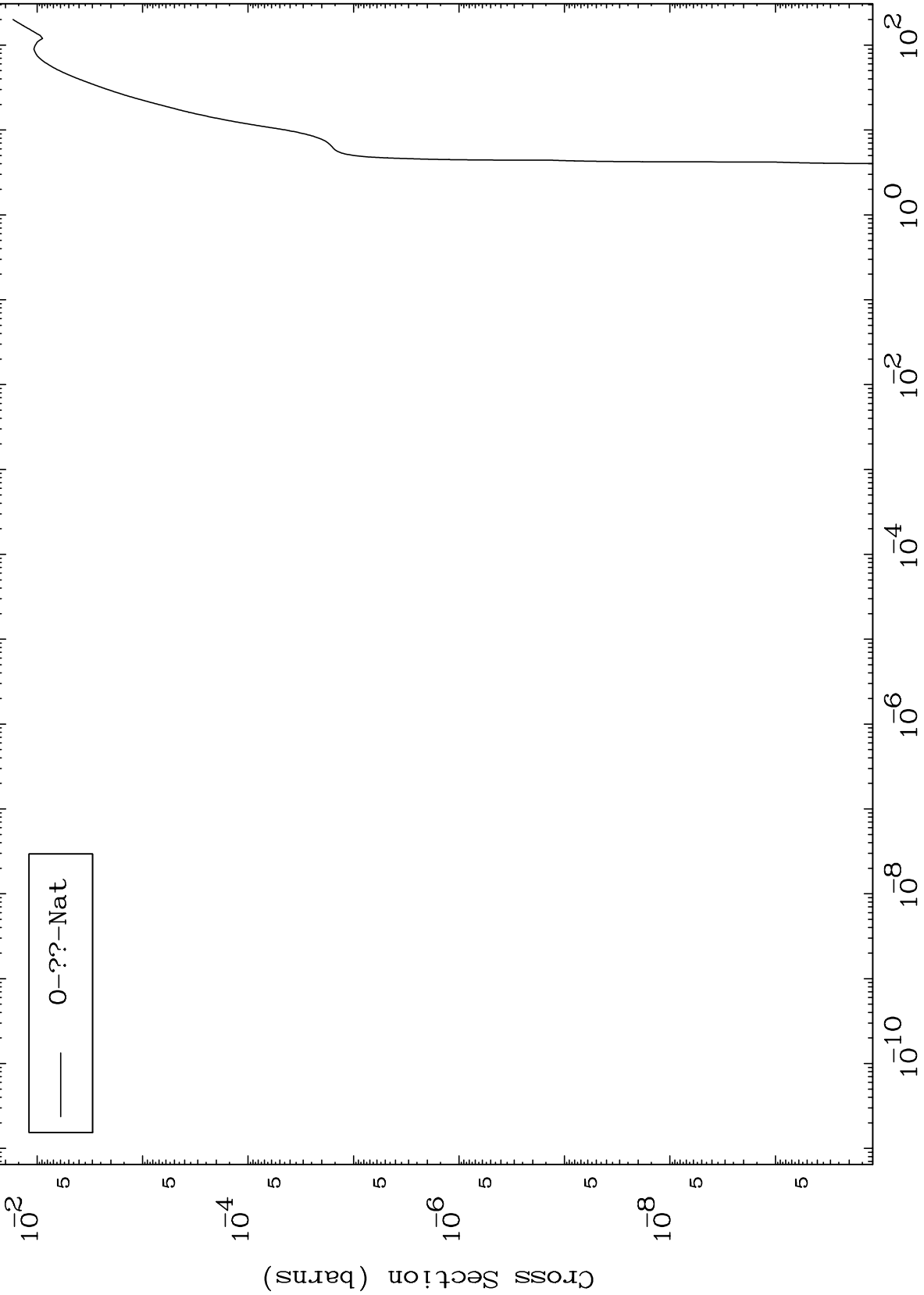


MAT 7816

Fission

78-Pt-187

Radionuclide Production Cross Section



137

Incident Energy (MeV)

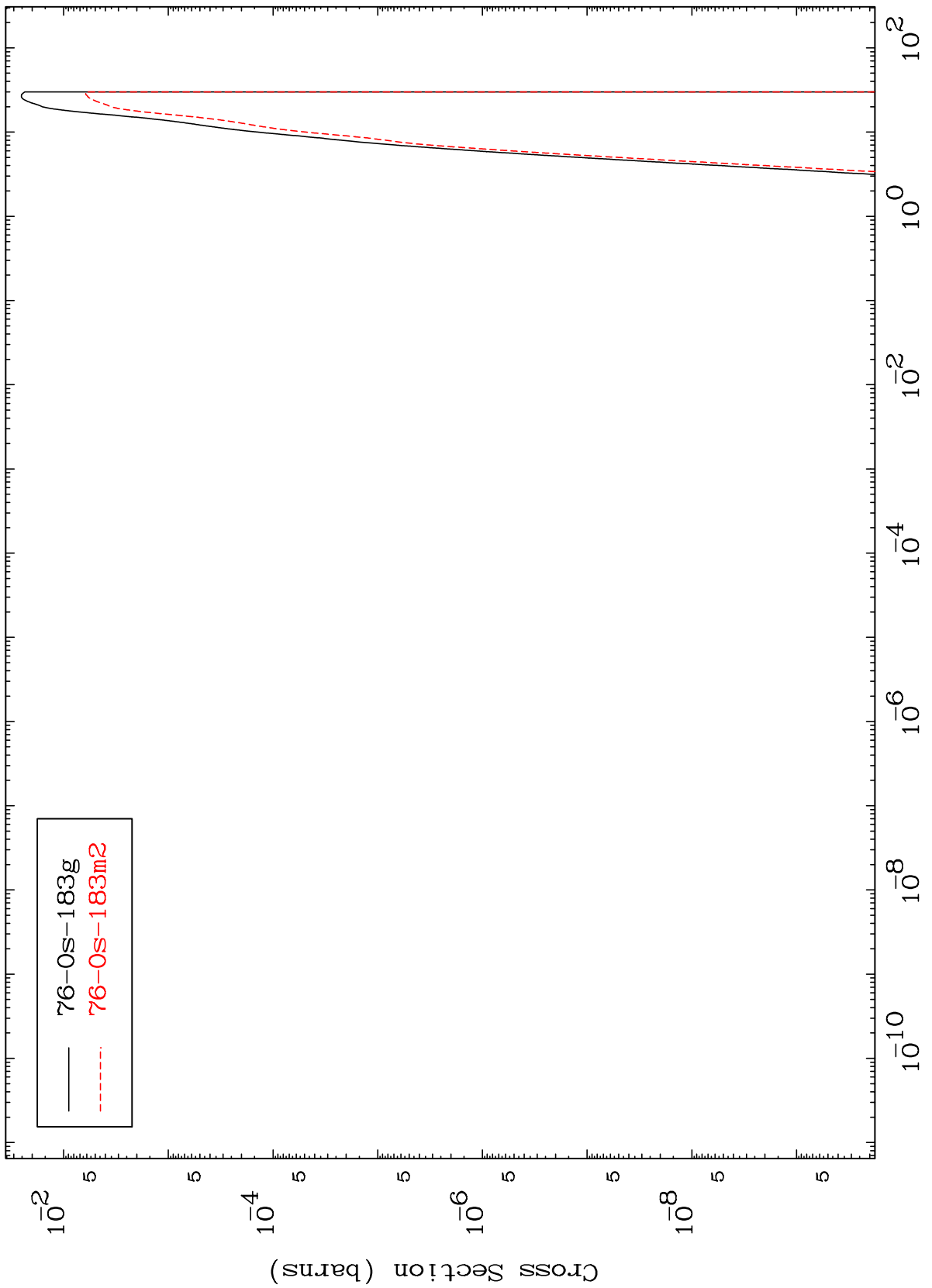
78-Pt-187

MAT 7816

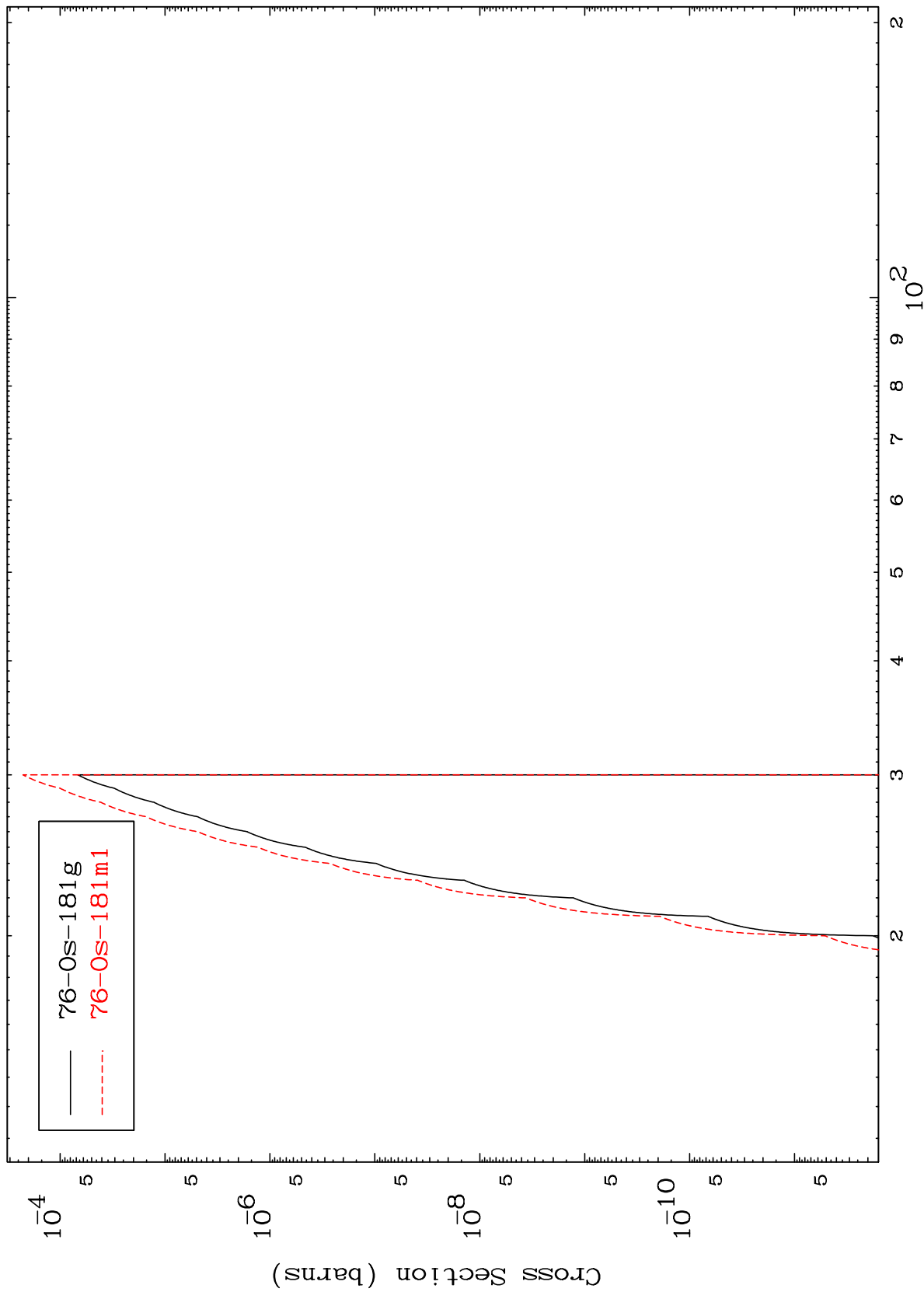
(n,n') α

78-Pt-187

Radionuclide Production Cross Section



Radionuclide Production Cross Section

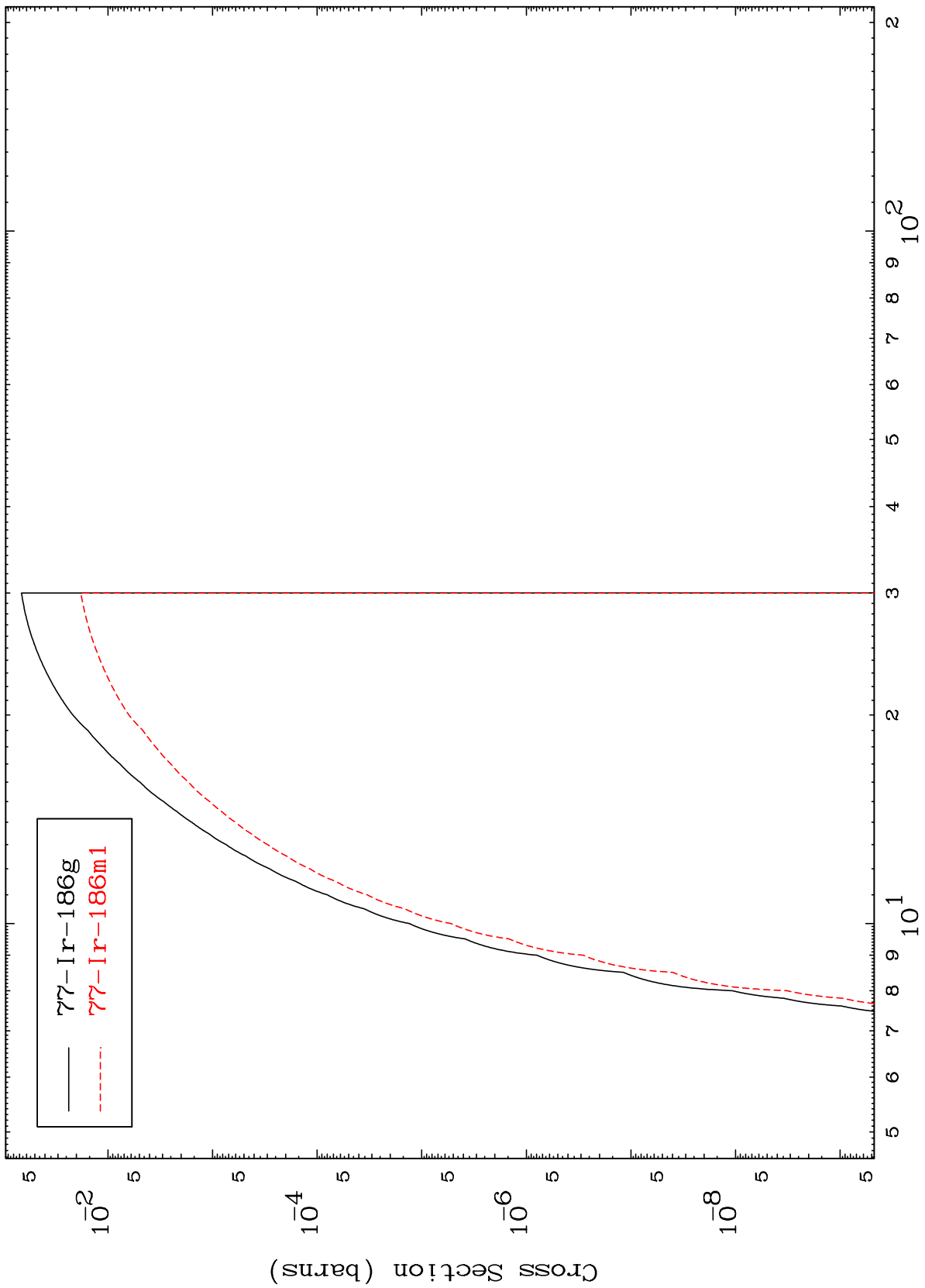


MAT 7816

(n,n') p

78-Pt-187

Radionuclide Production Cross Section



77-Ir-186g
77-Ir-186m1

140

Incident Energy (MeV)

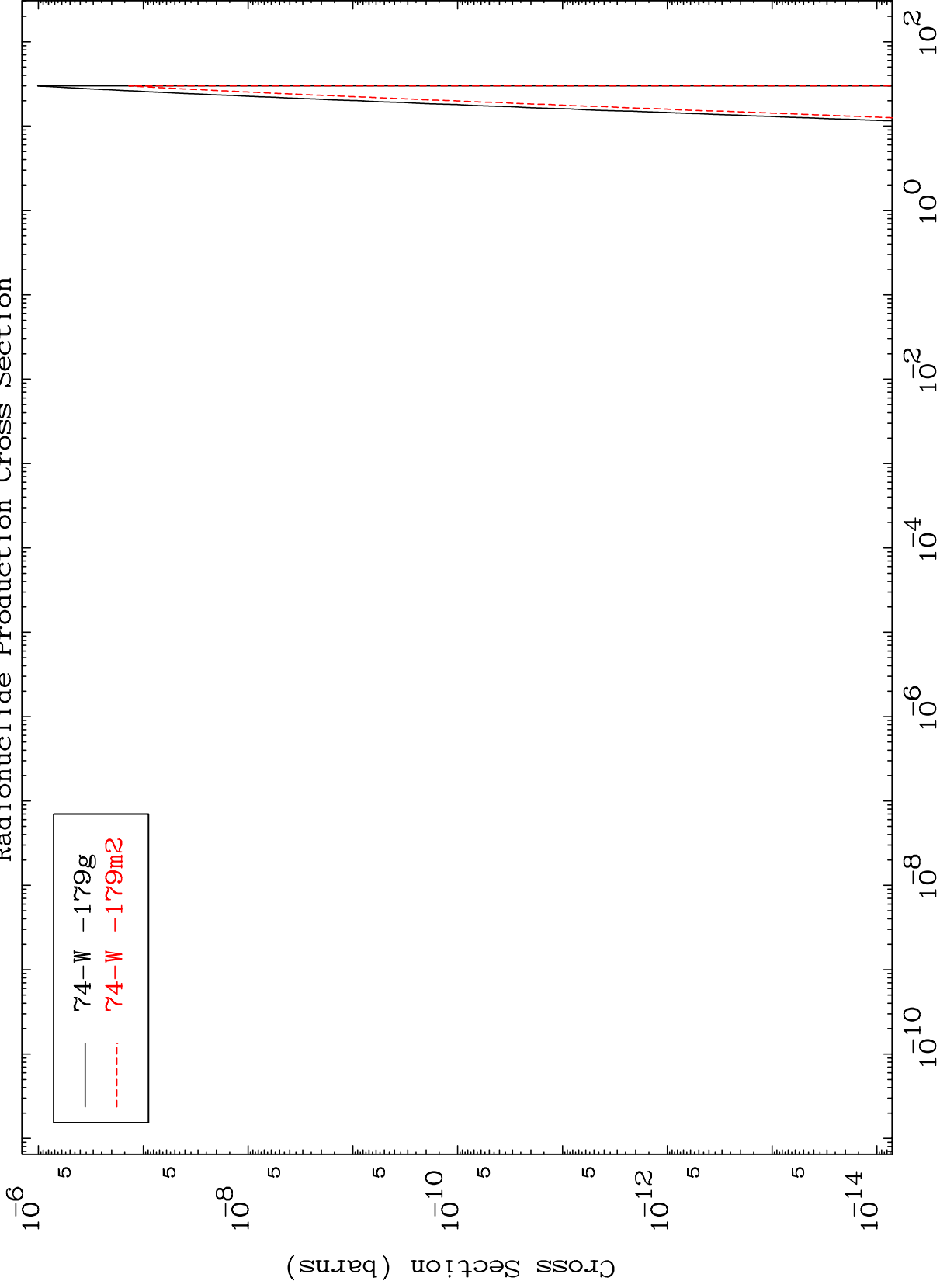
78-Pt-187

MAT 7816

(n,n') 2α

78-Pt-187

Radionuclide Production Cross Section



141

Incident Energy (MeV)

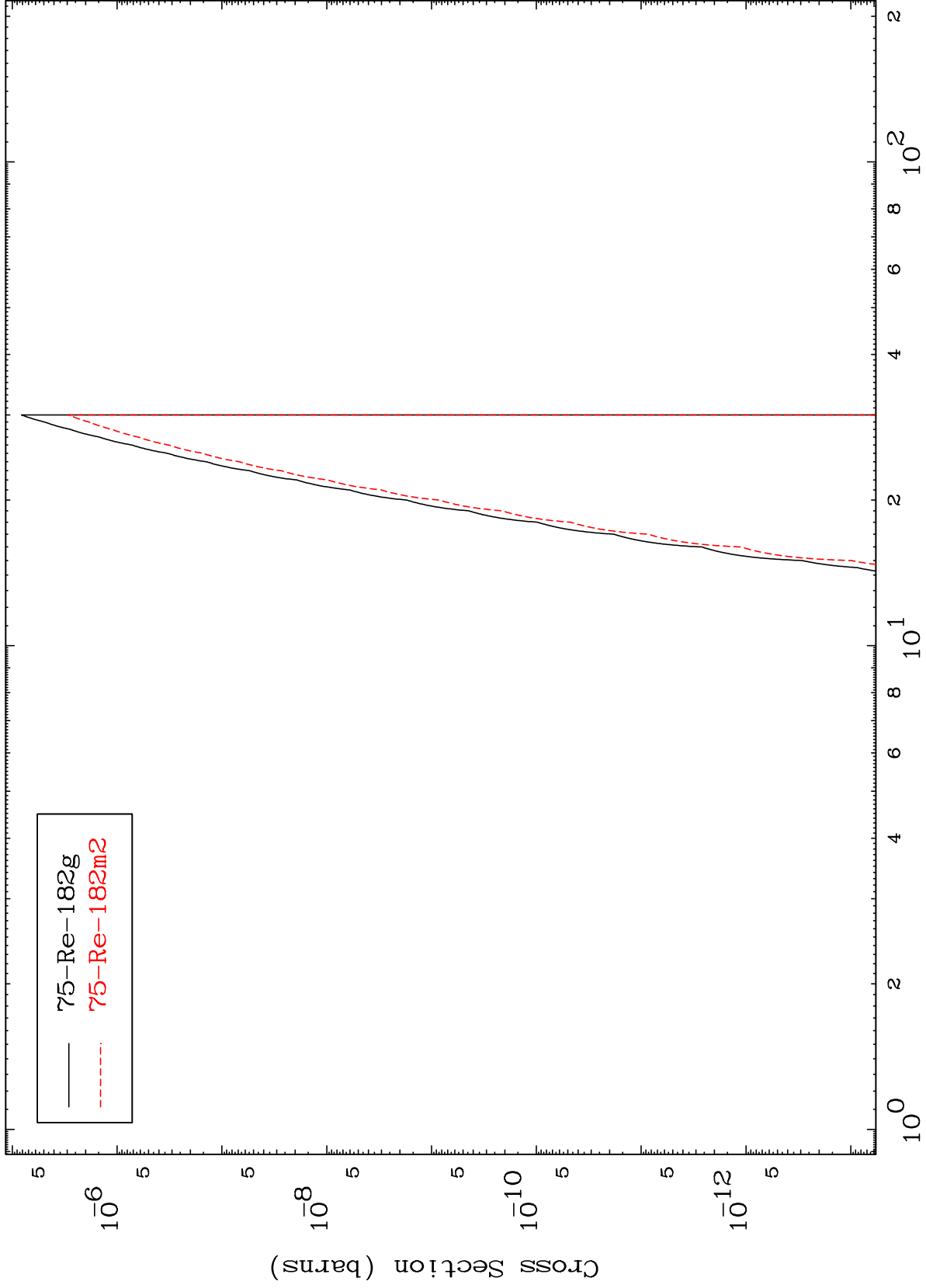
78-Pt-187

MAT 7816

(n,n') p α

78-Pt-187

Radionuclide Production Cross Section



142

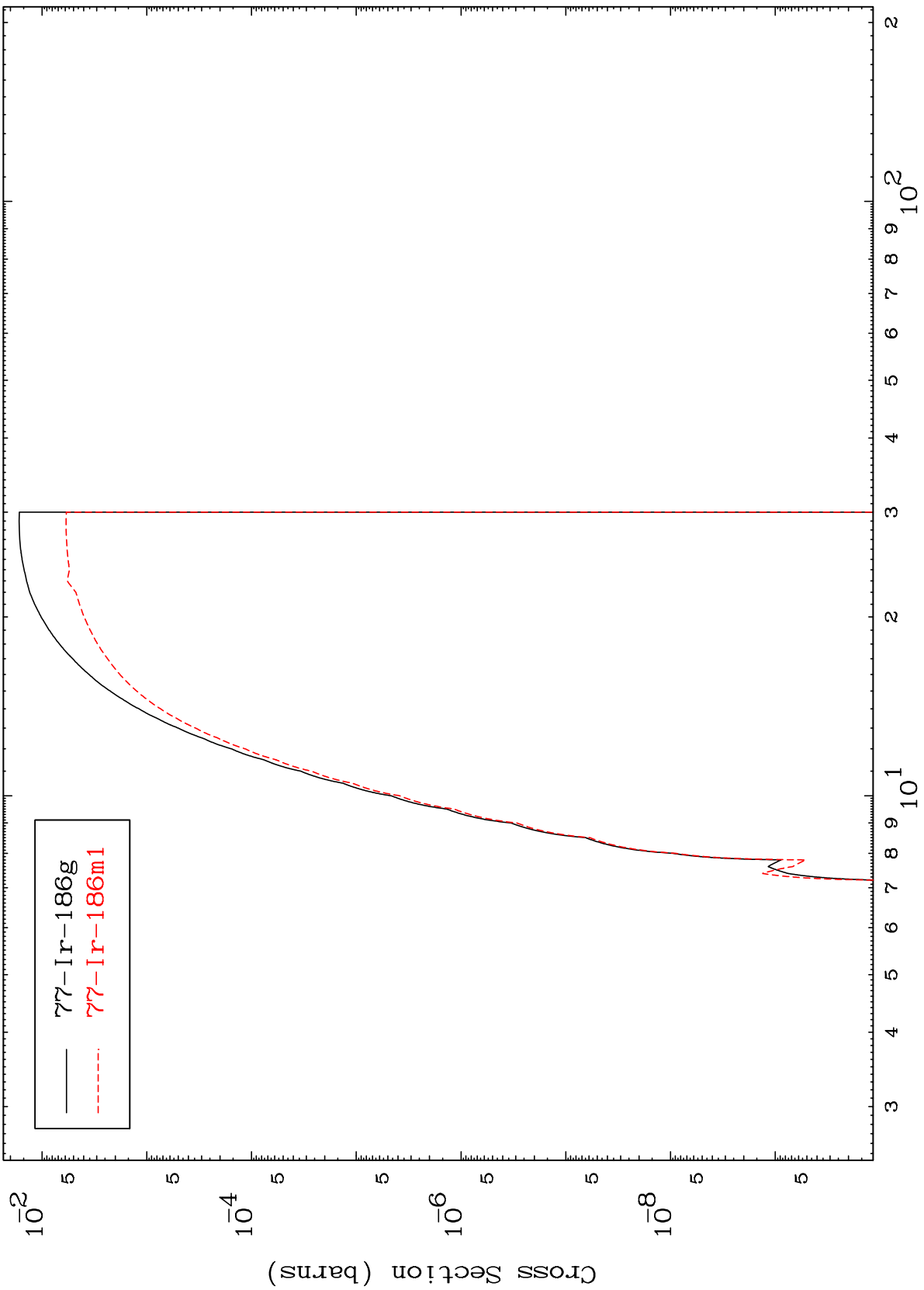
Incident Energy (MeV)

78-Pt-187

MAT 7816

78-Pt-187

(n,d)
Radionuclide Production Cross Section



— 77-Ir-186g
- - - 77-Ir-186m1

143

Incident Energy (MeV)

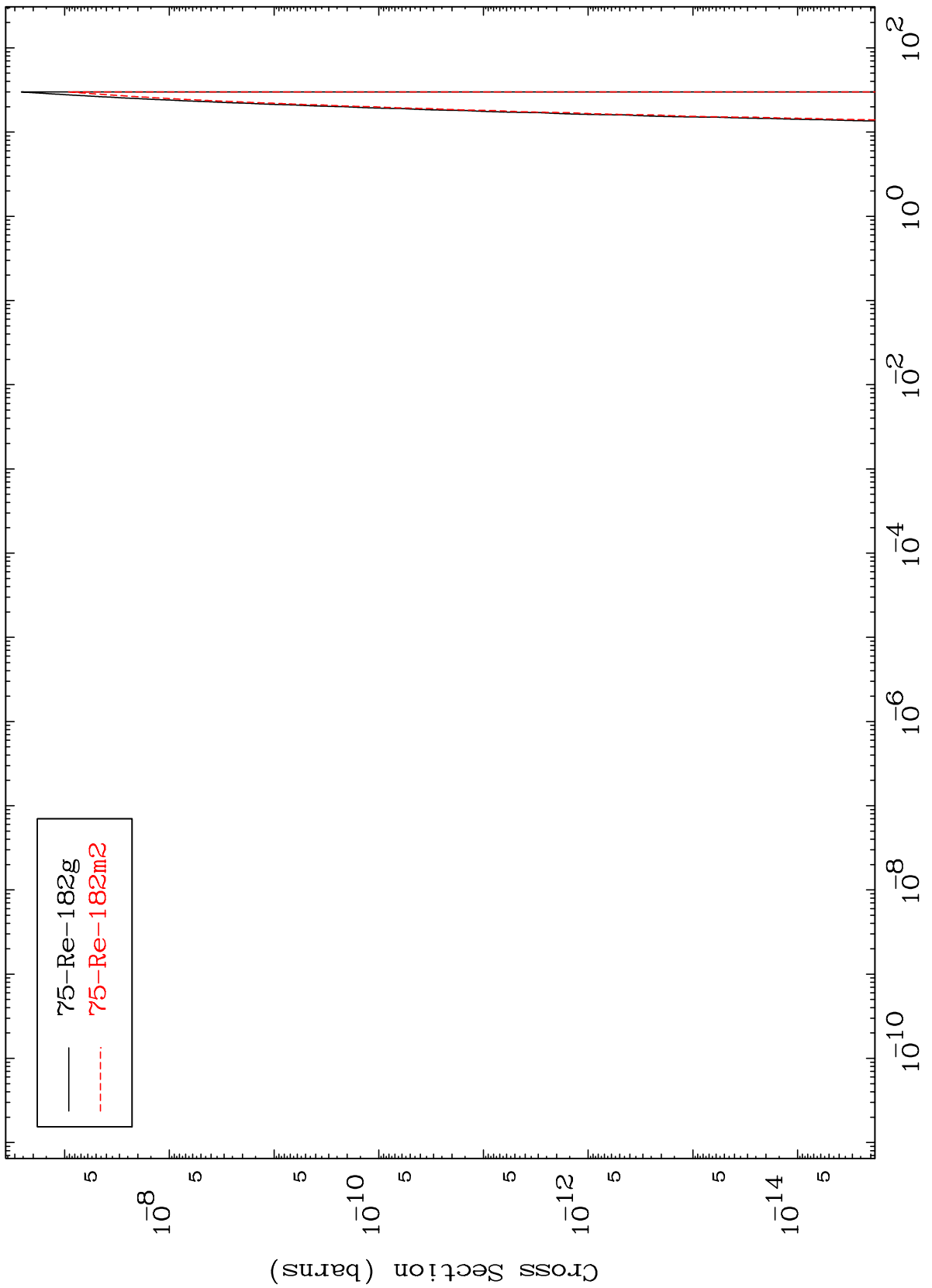
78-Pt-187

MAT 7816

(n,d) α

78-Pt-187

Radionuclide Production Cross Section



144

Incident Energy (MeV)

78-Pt-187