

Program EVALPLOT
(Version 2018-1)

by

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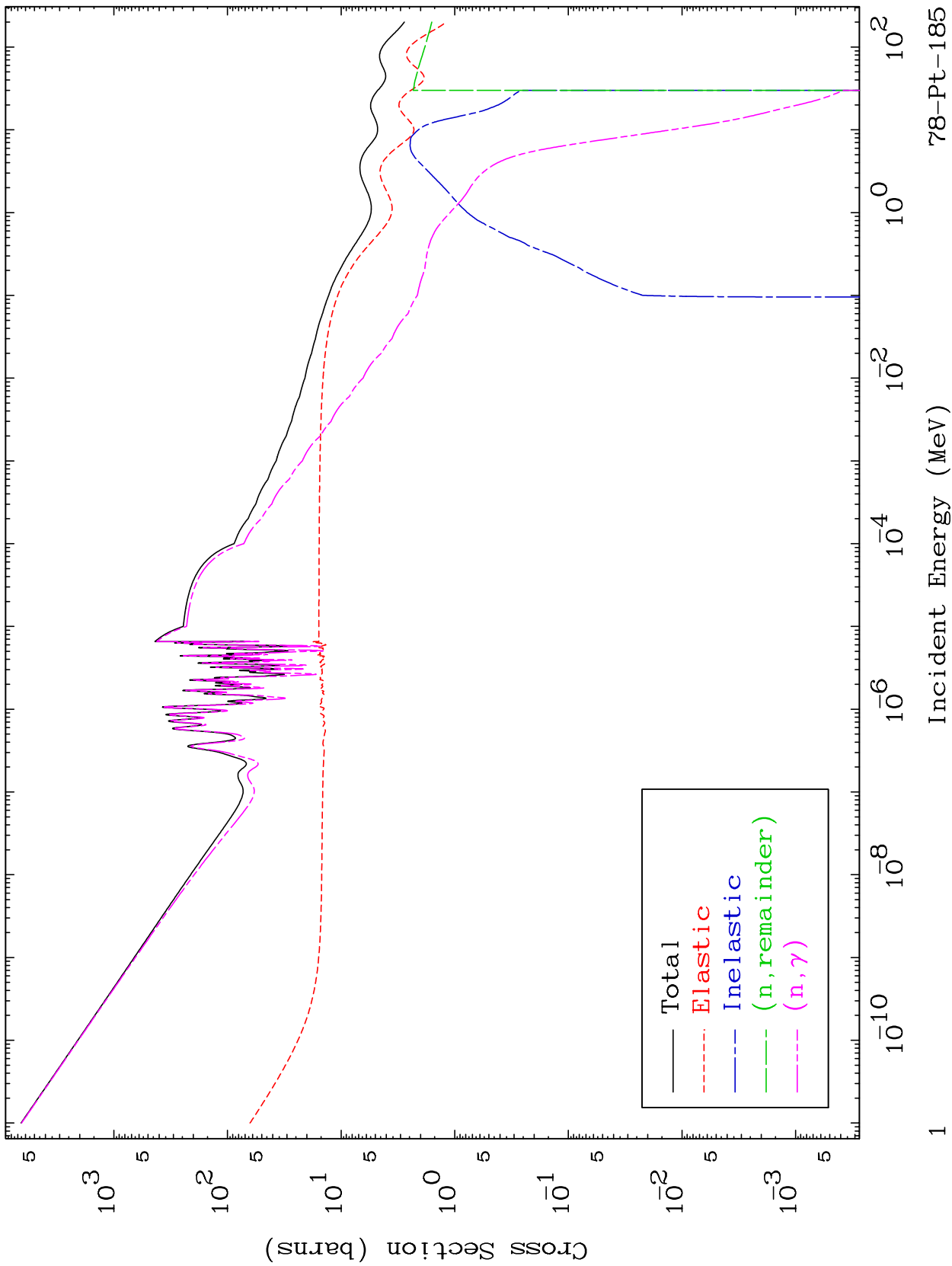
Press Mouse Button to Start

MAT 7810

Major

293 Kelvin Cross Sections

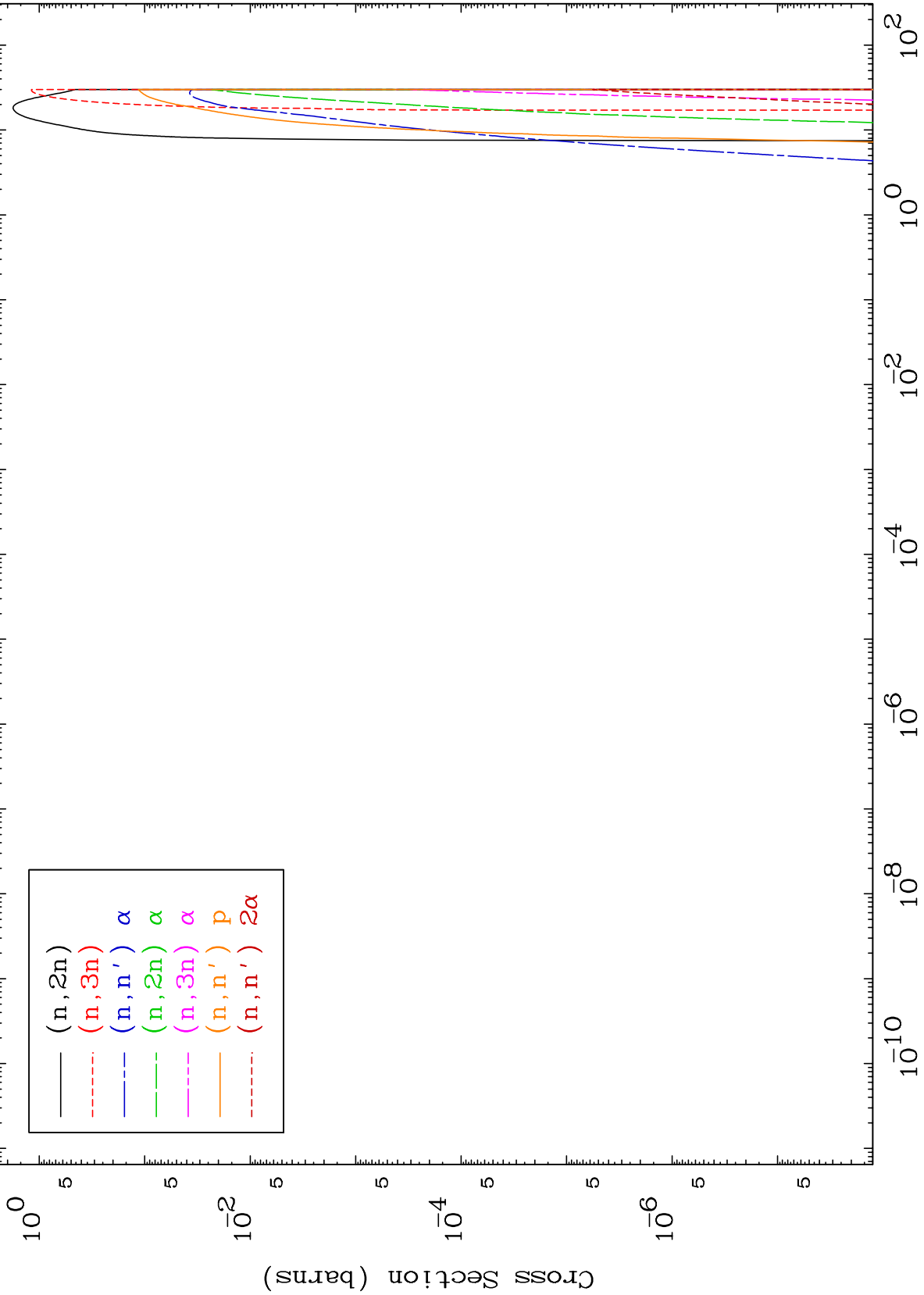
78-Pt-185



MAT 7810

Neutron Production
293 Kelvin Cross Sections

78-Pt-185



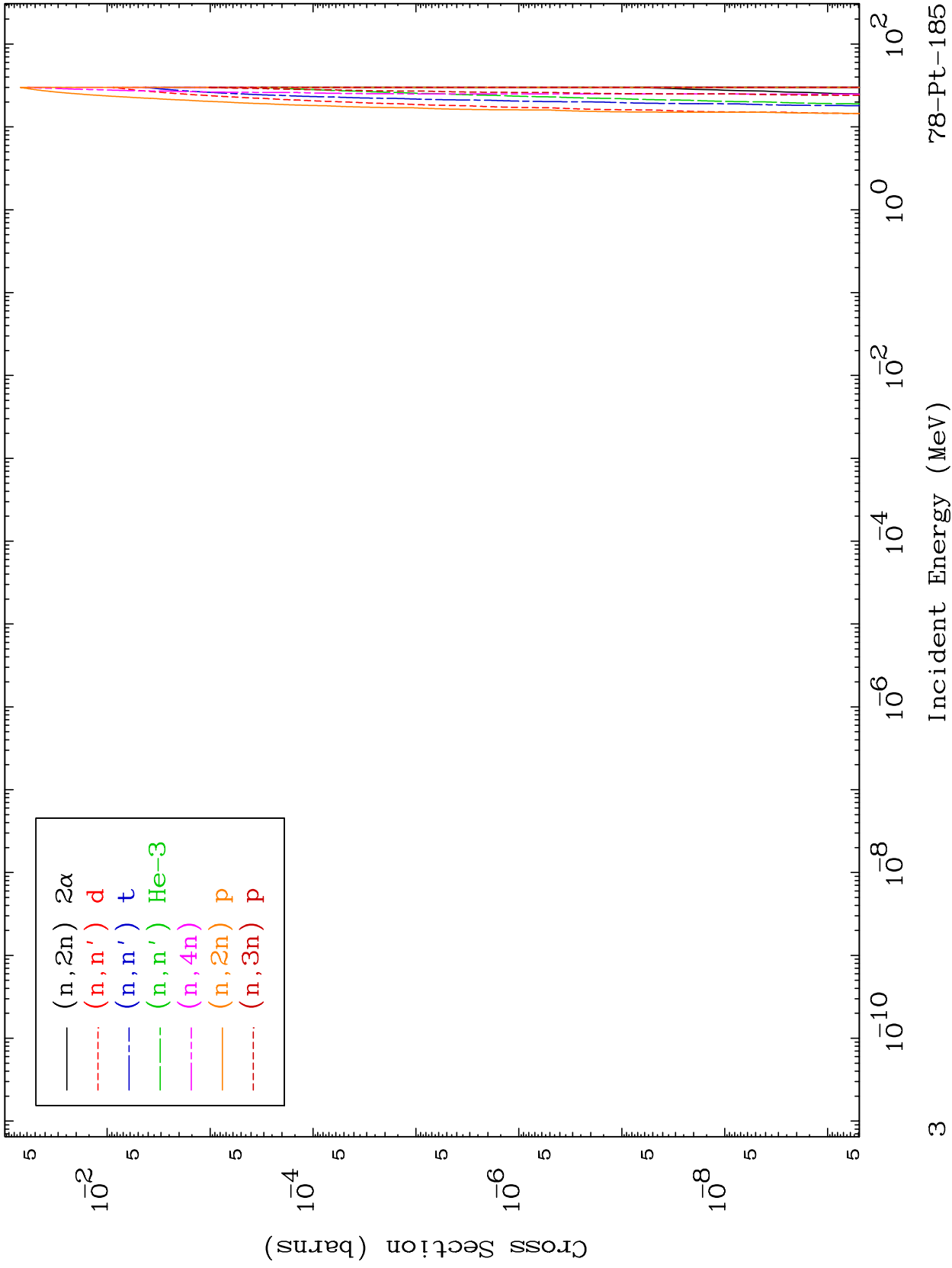
78-Pt-185

Incident Energy (MeV)

MAT 7810

Neutron Production
293 Kelvin Cross Sections

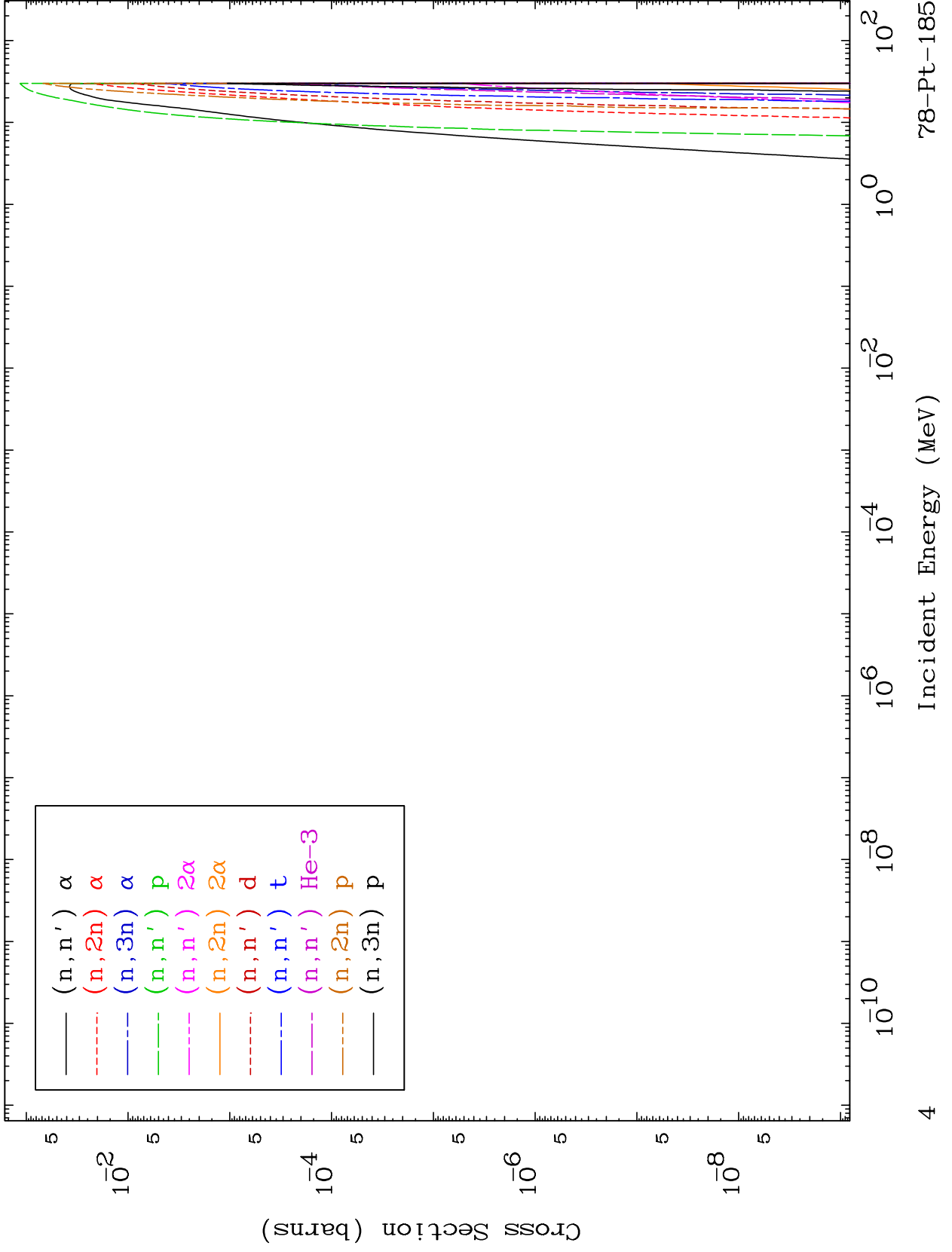
78-Pt-185

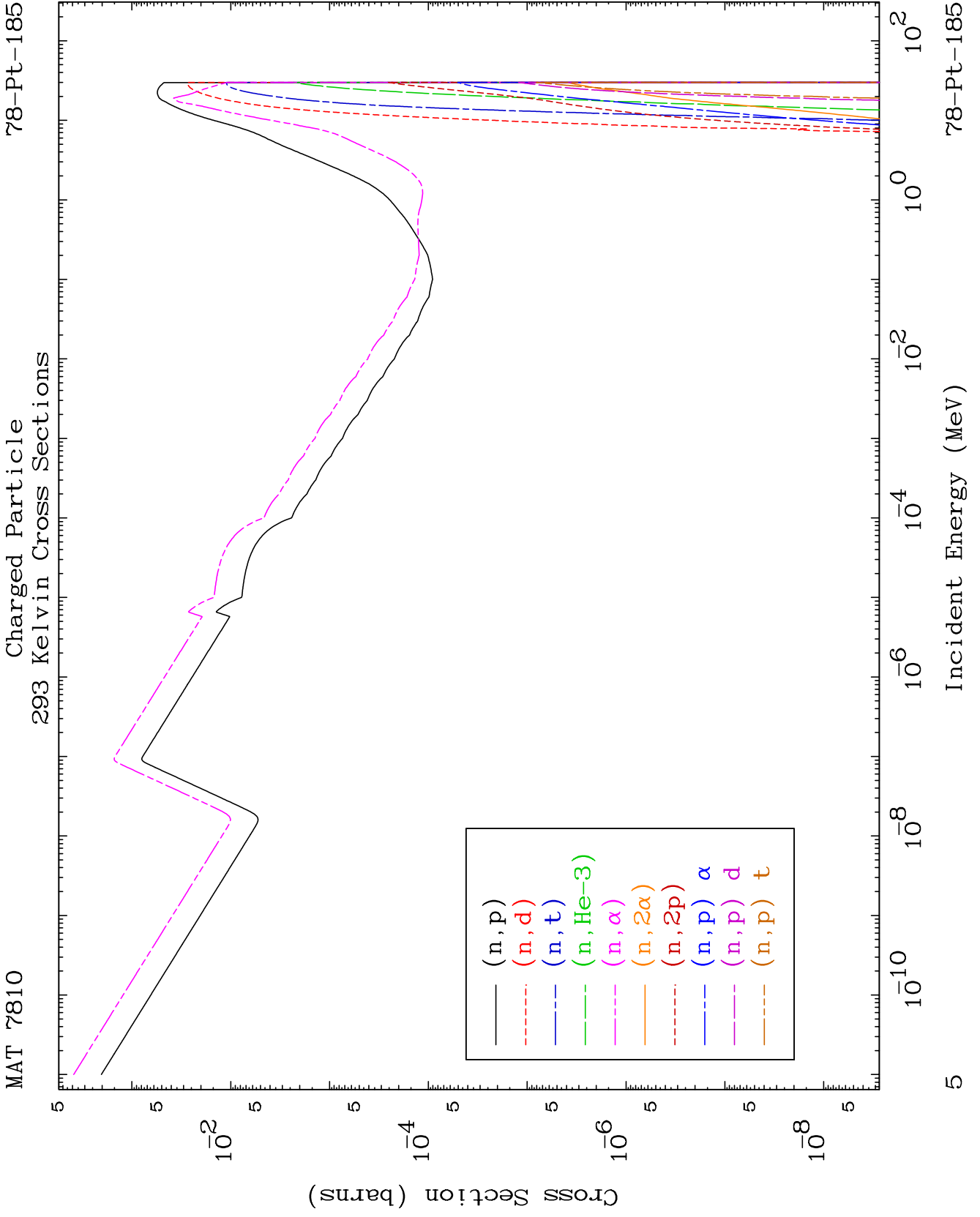


MAT 7810

Charged Particle
293 Kelvin Cross Sections

78-Pt-185

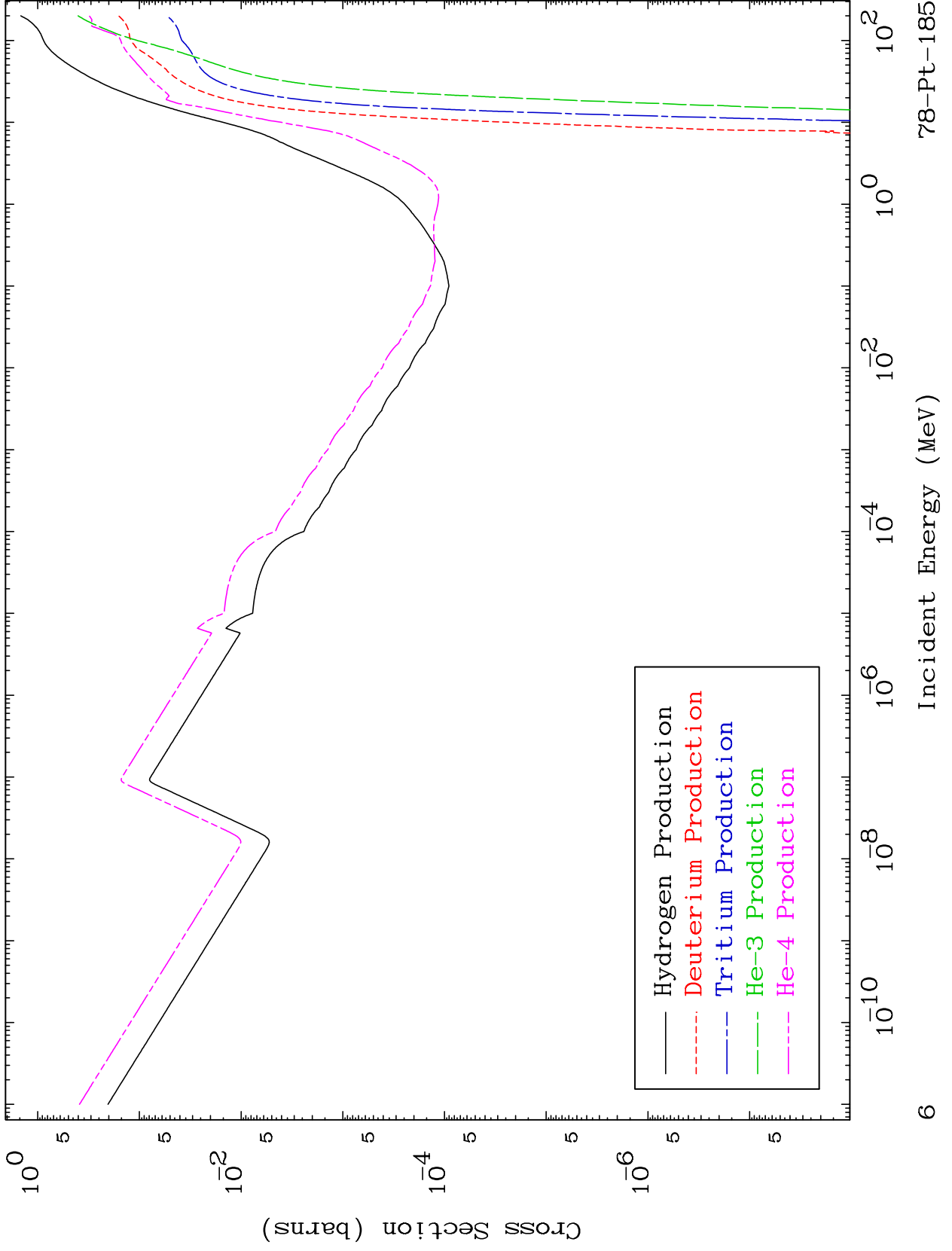




MAT 7810

Particle Production
293 Kelvin Cross Sections

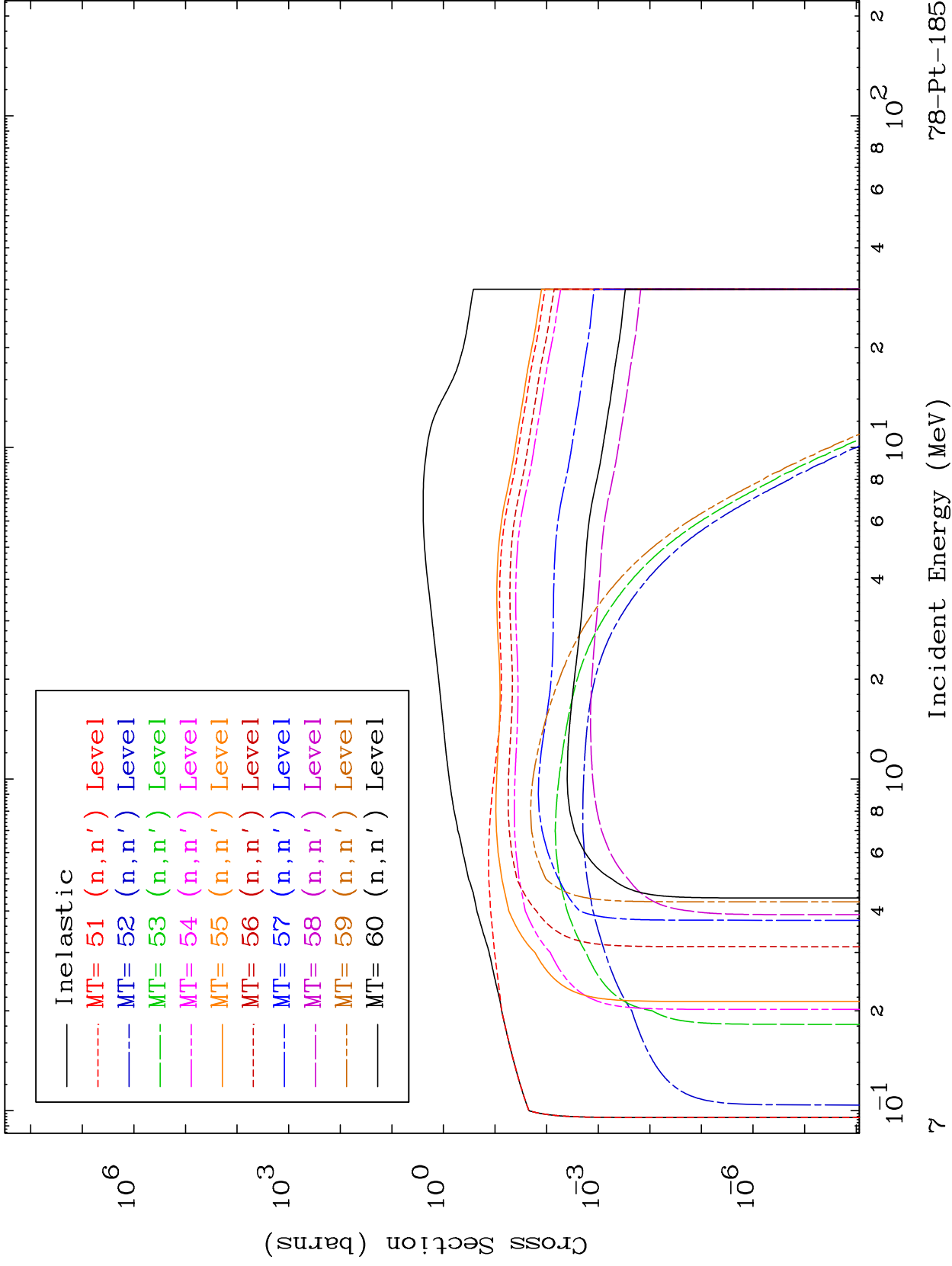
78-Pt-185



MAT 7810

(n,n') Level
293 Kelvin Cross Sections

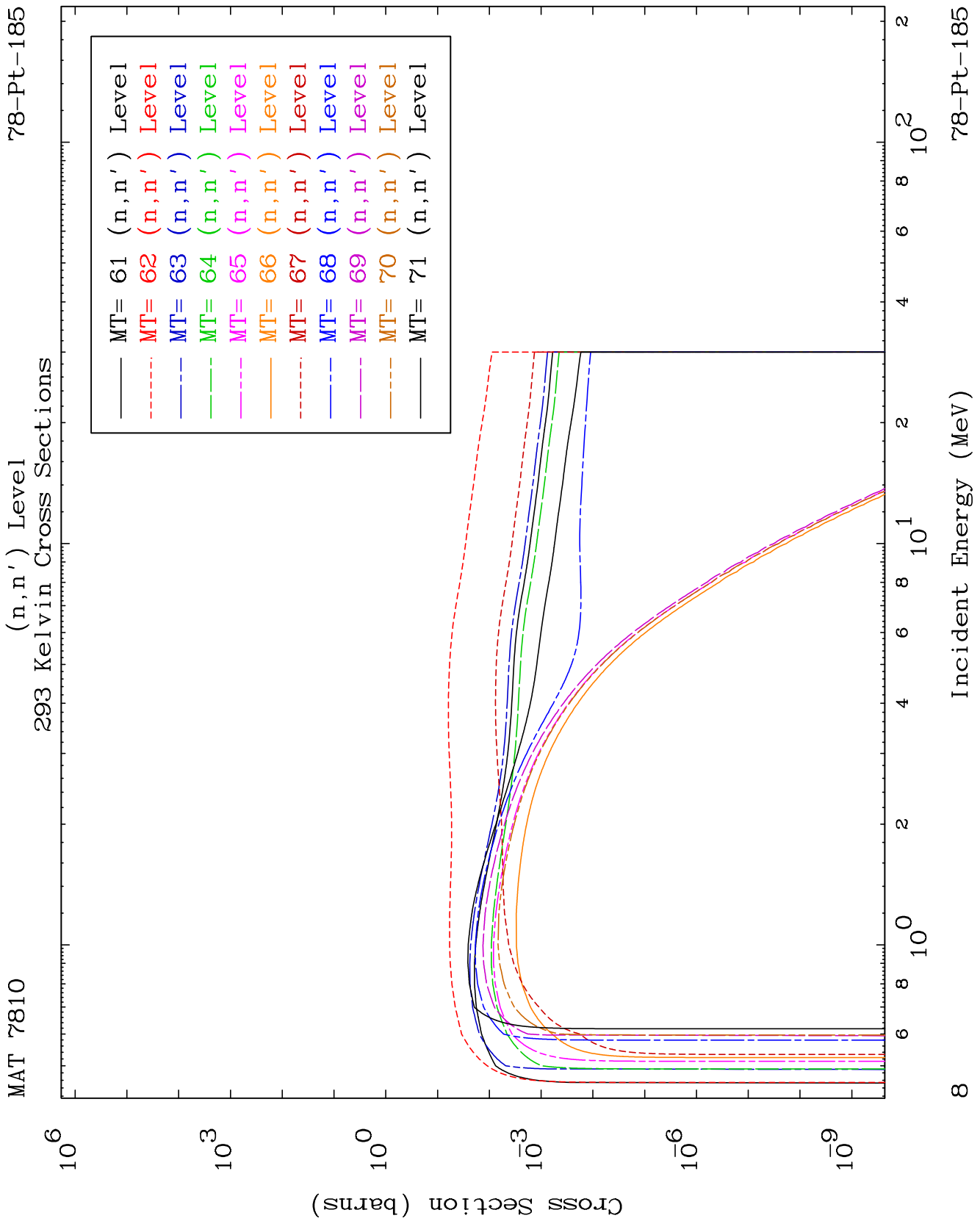
78-Pt-185



78-Pt-185

Incident Energy (MeV)

7

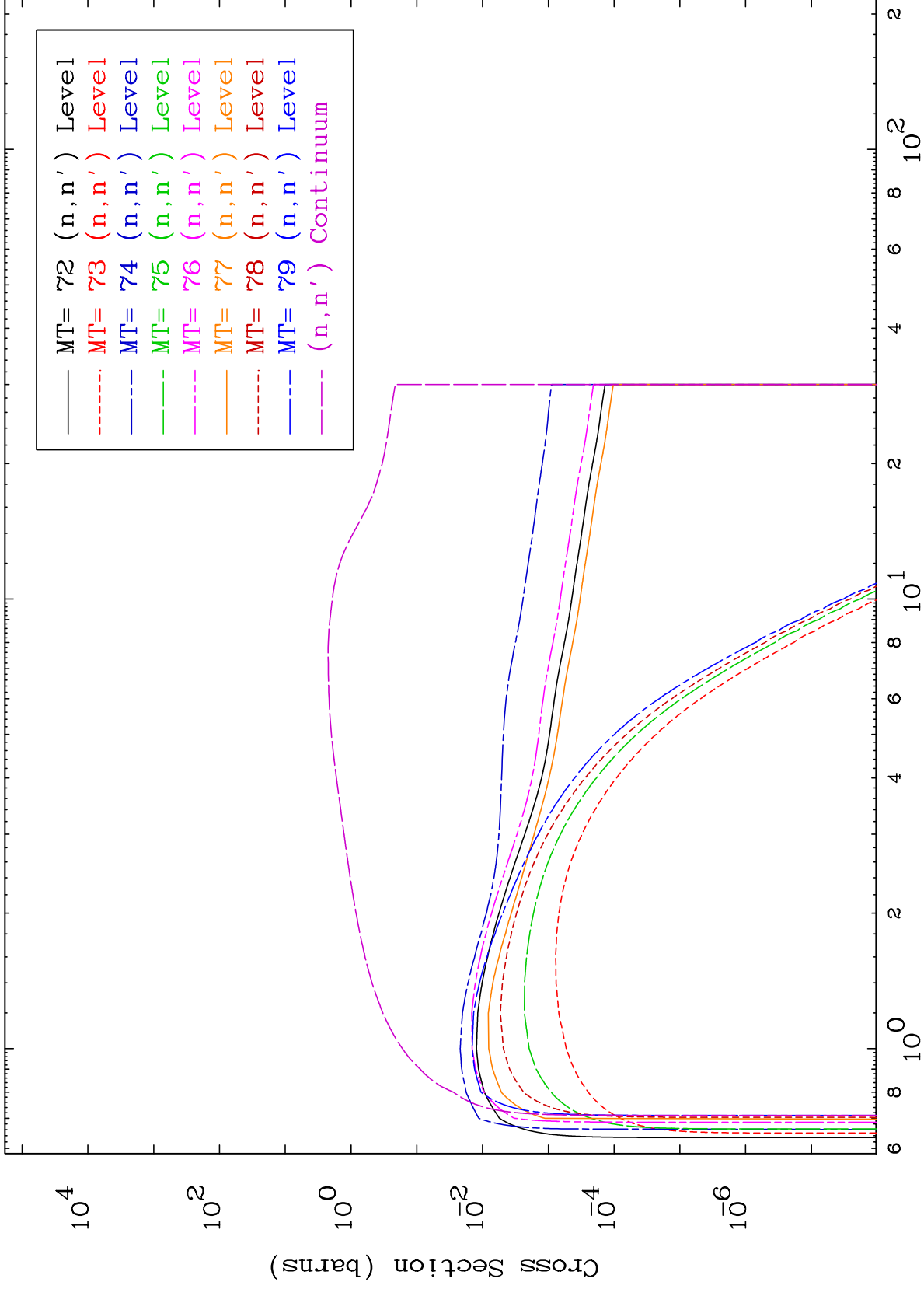


MAT 7810

(n,n') Level

78-Pt-185

293 Kelvin Cross Sections



9

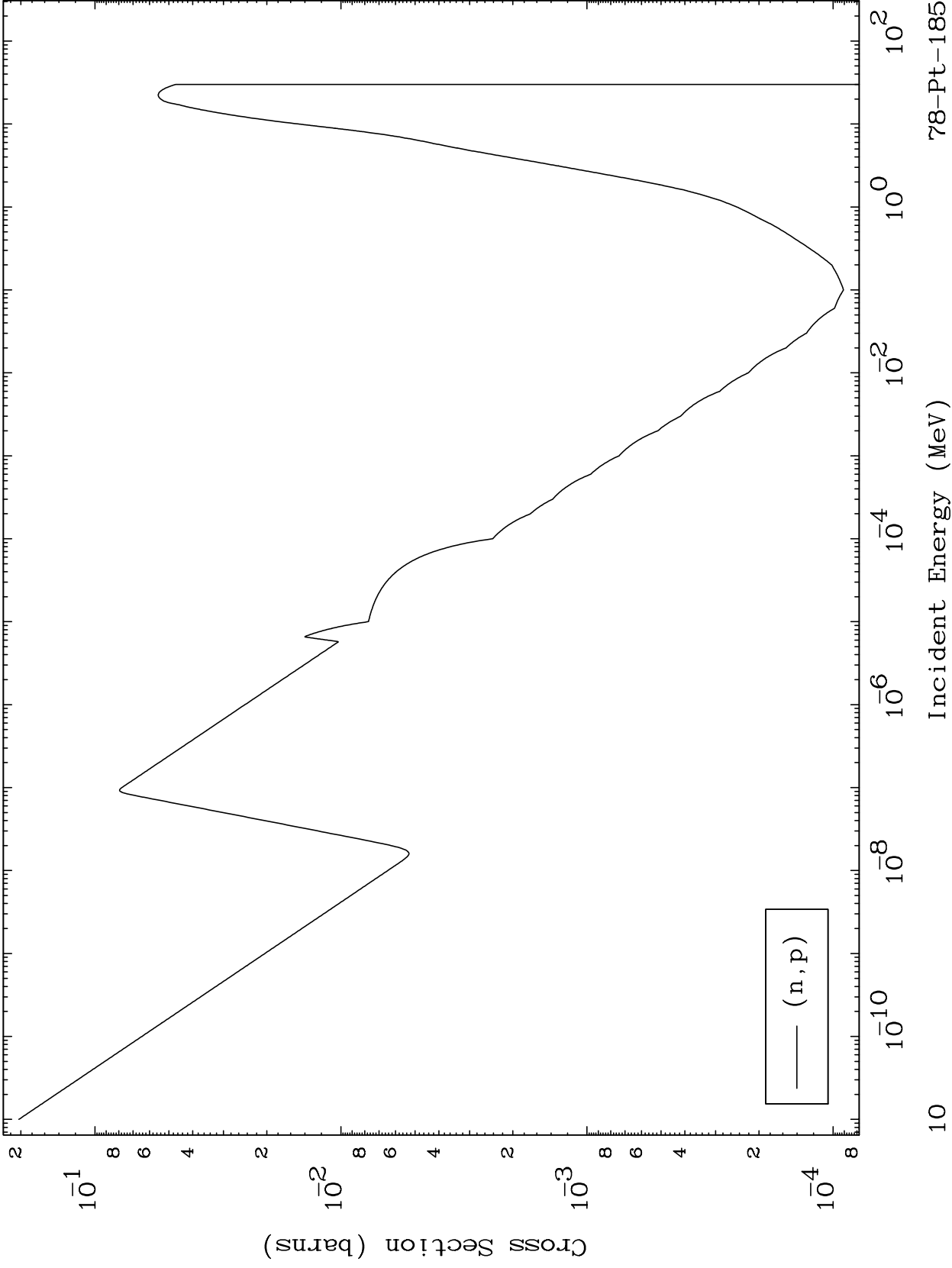
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-185



10

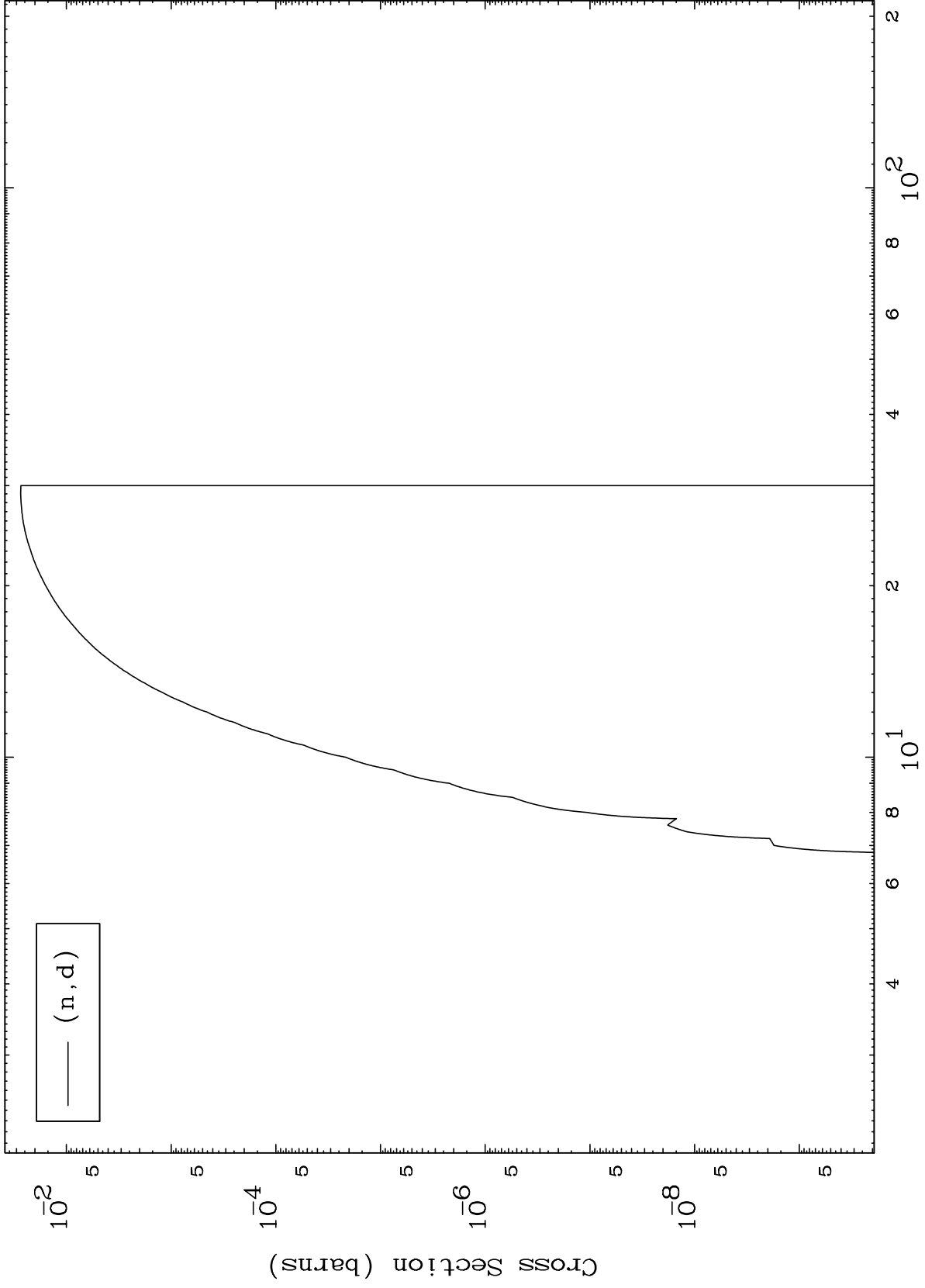
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,d) Levels
293 Kelvin Cross Sections

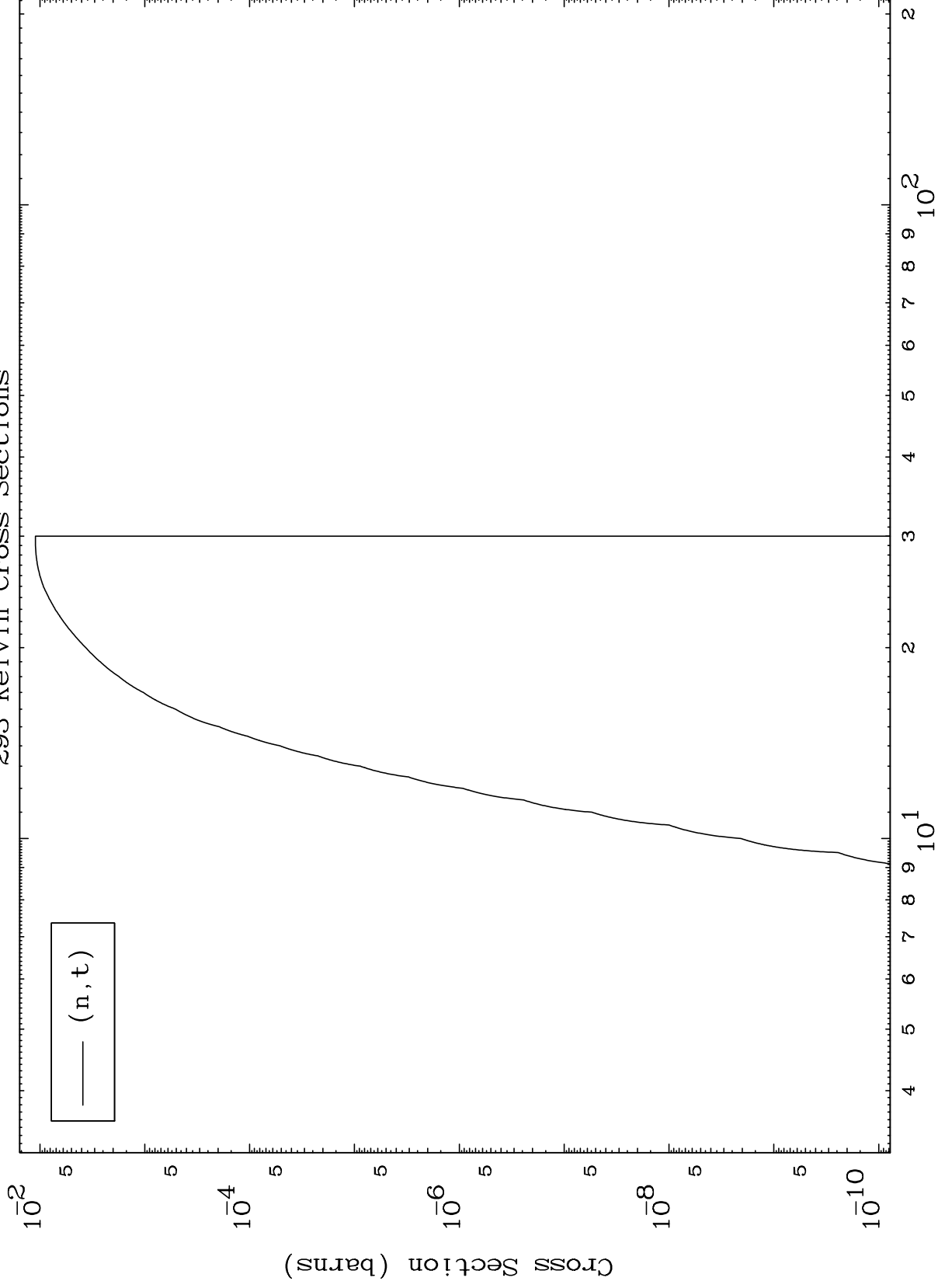
78-Pt-185



MAT 7810

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-185



12

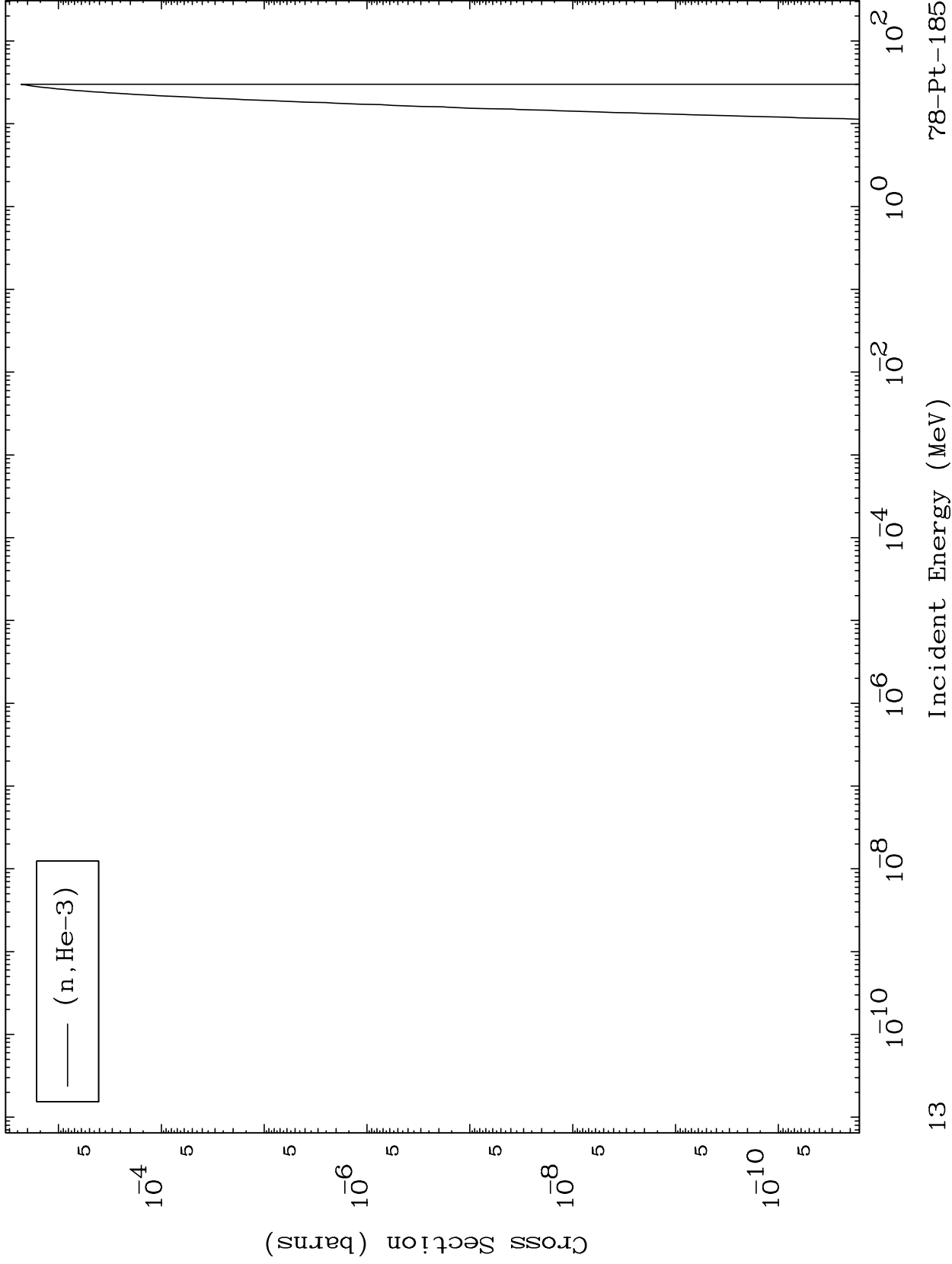
Incident Energy (MeV)

78-Pt-185

MAT 7810

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-185



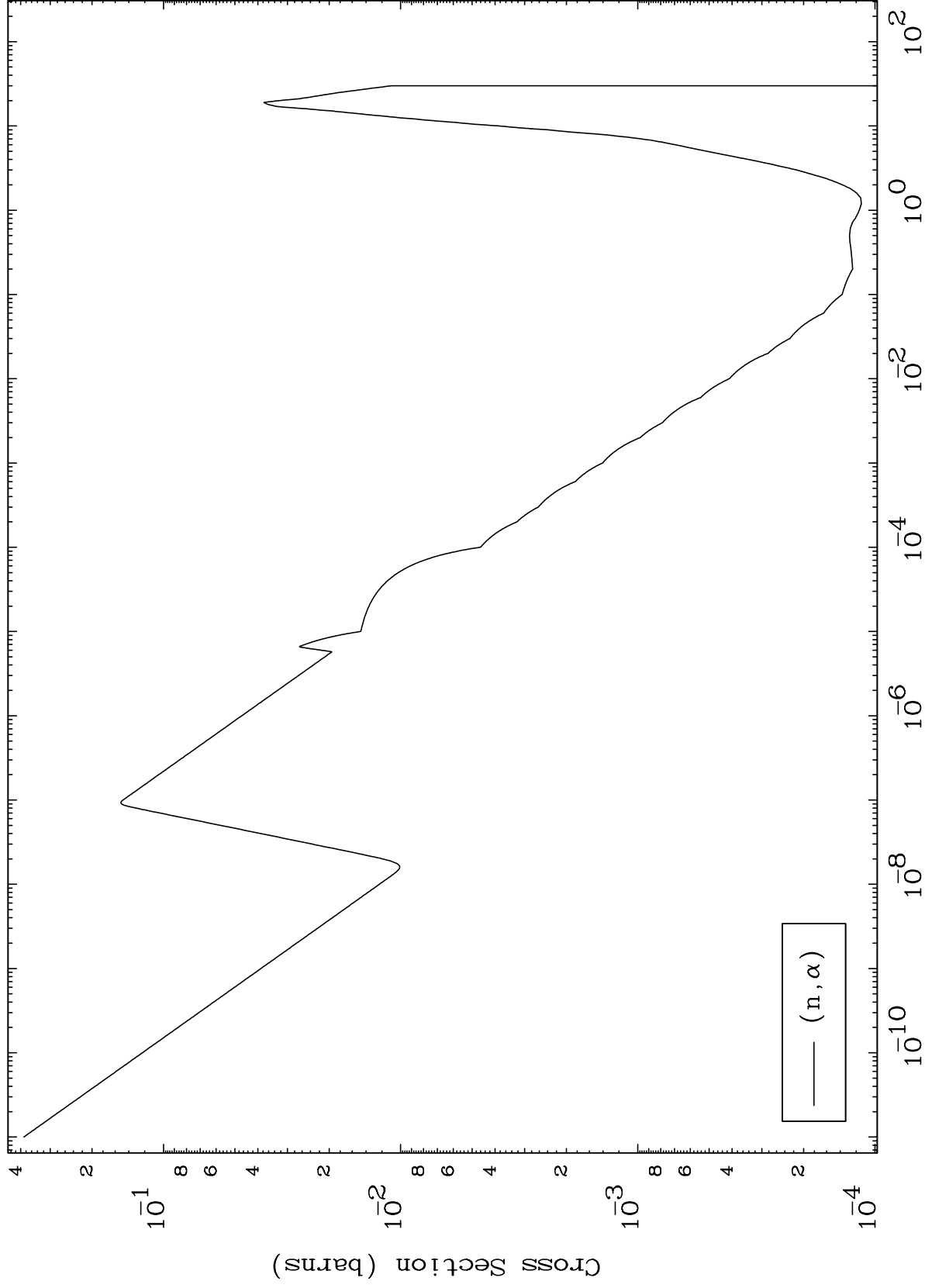
13

78-Pt-185

MAT 7810

(n,α) Levels
293 Kelvin Cross Sections

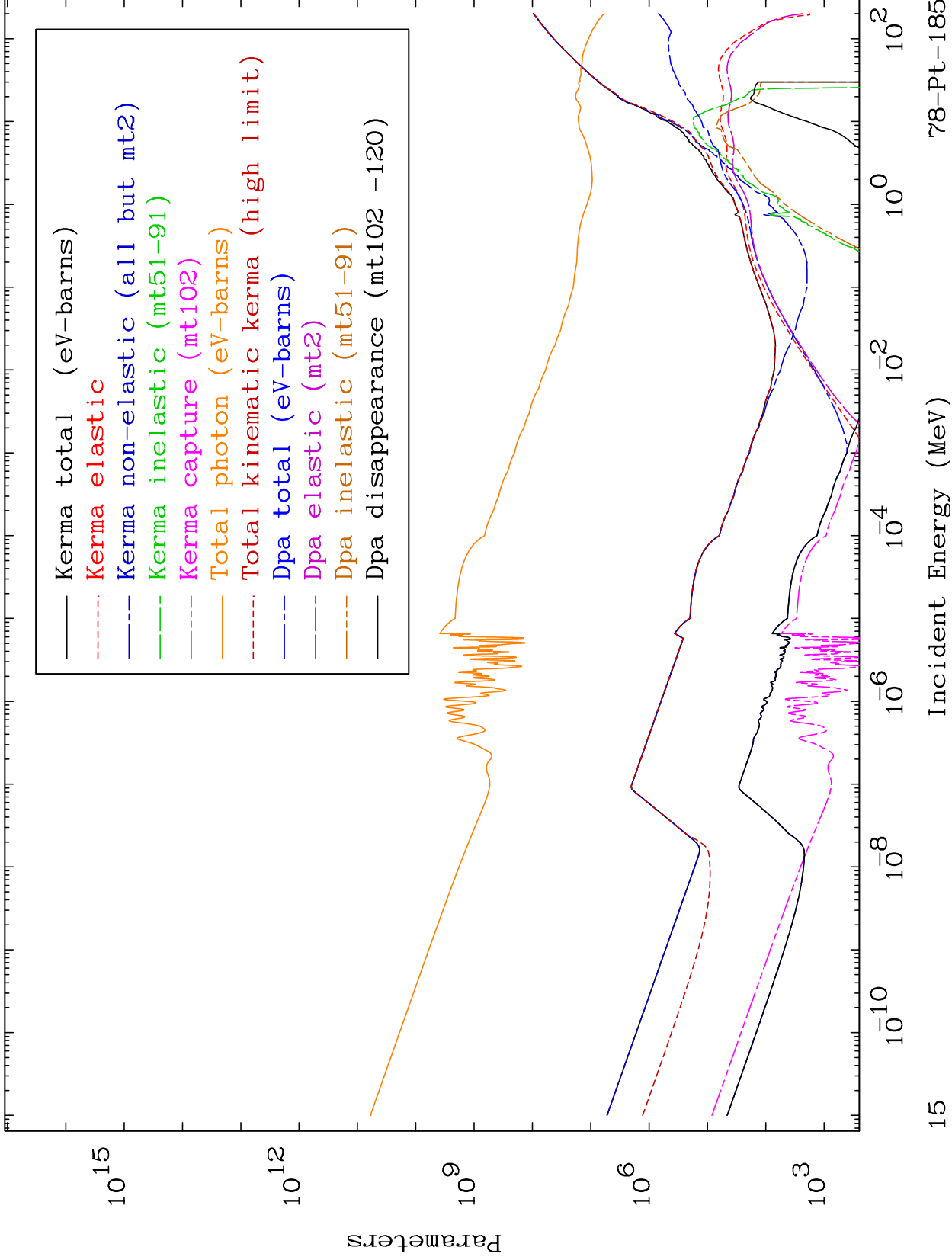
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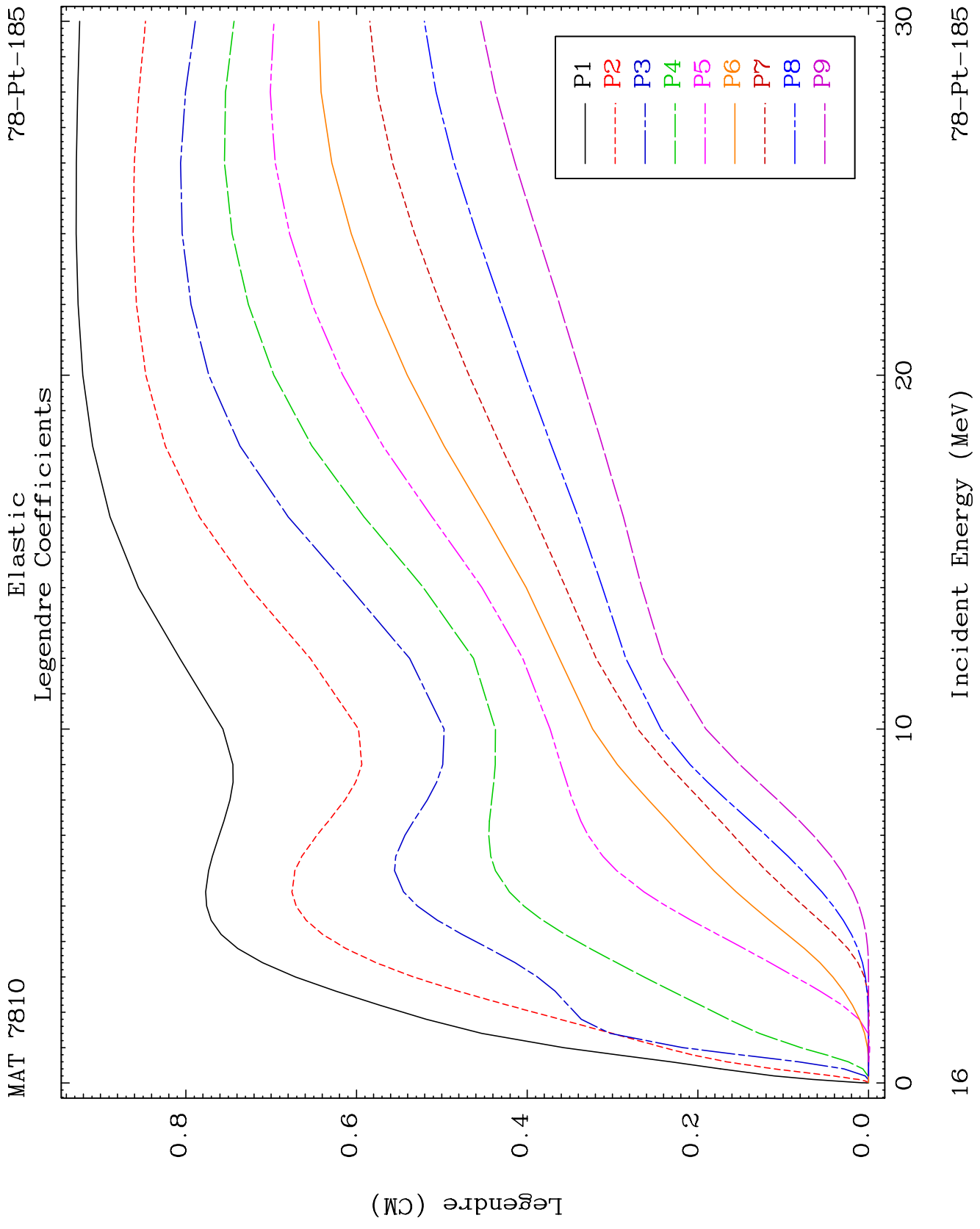


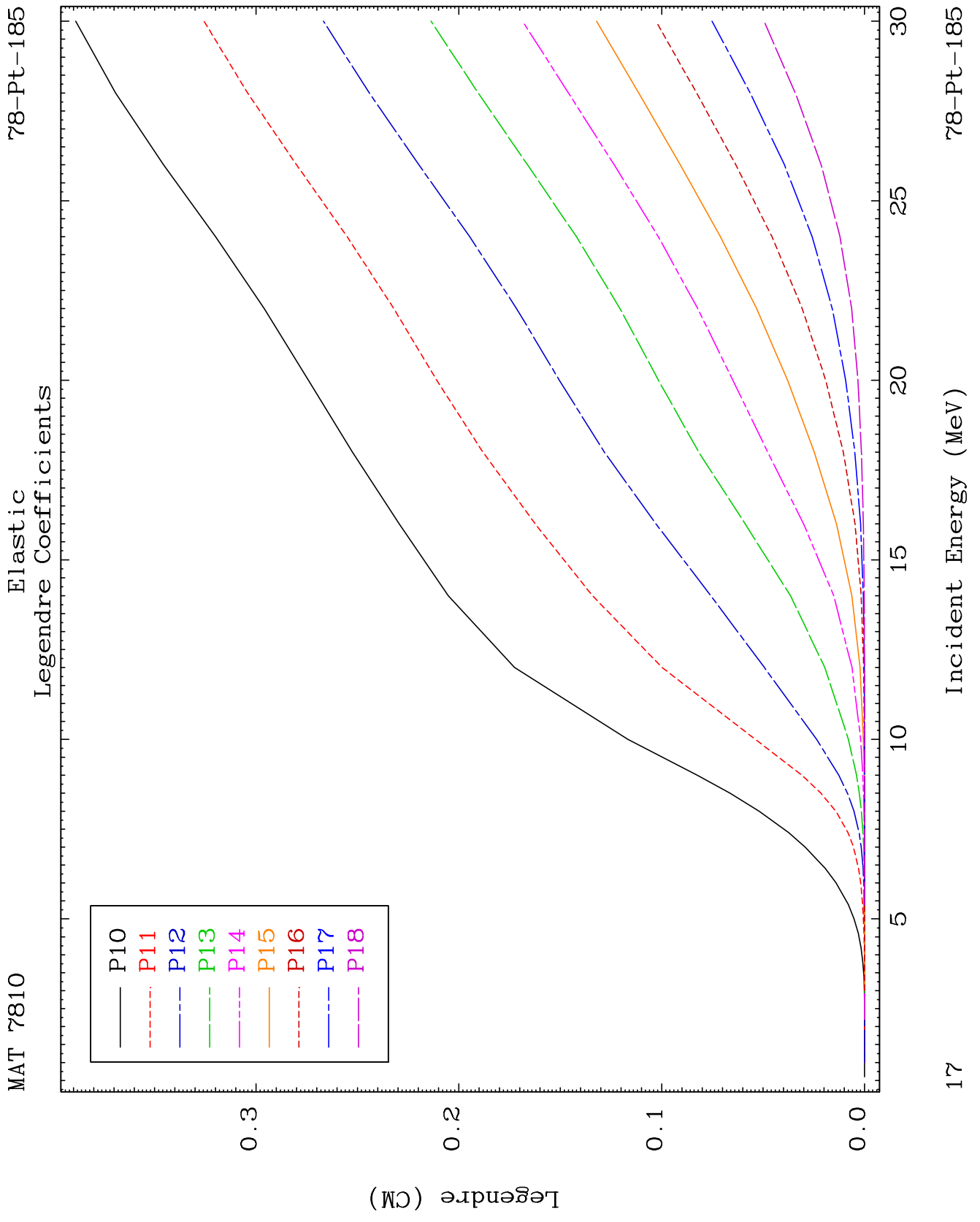
14

Incident Energy (MeV)

78-Pt-185



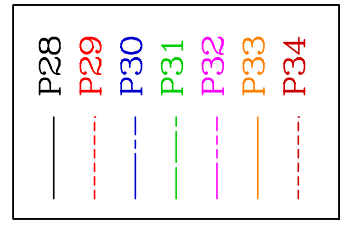




MAT 7810

Elastic Legendre Coefficients

78-Pt-185

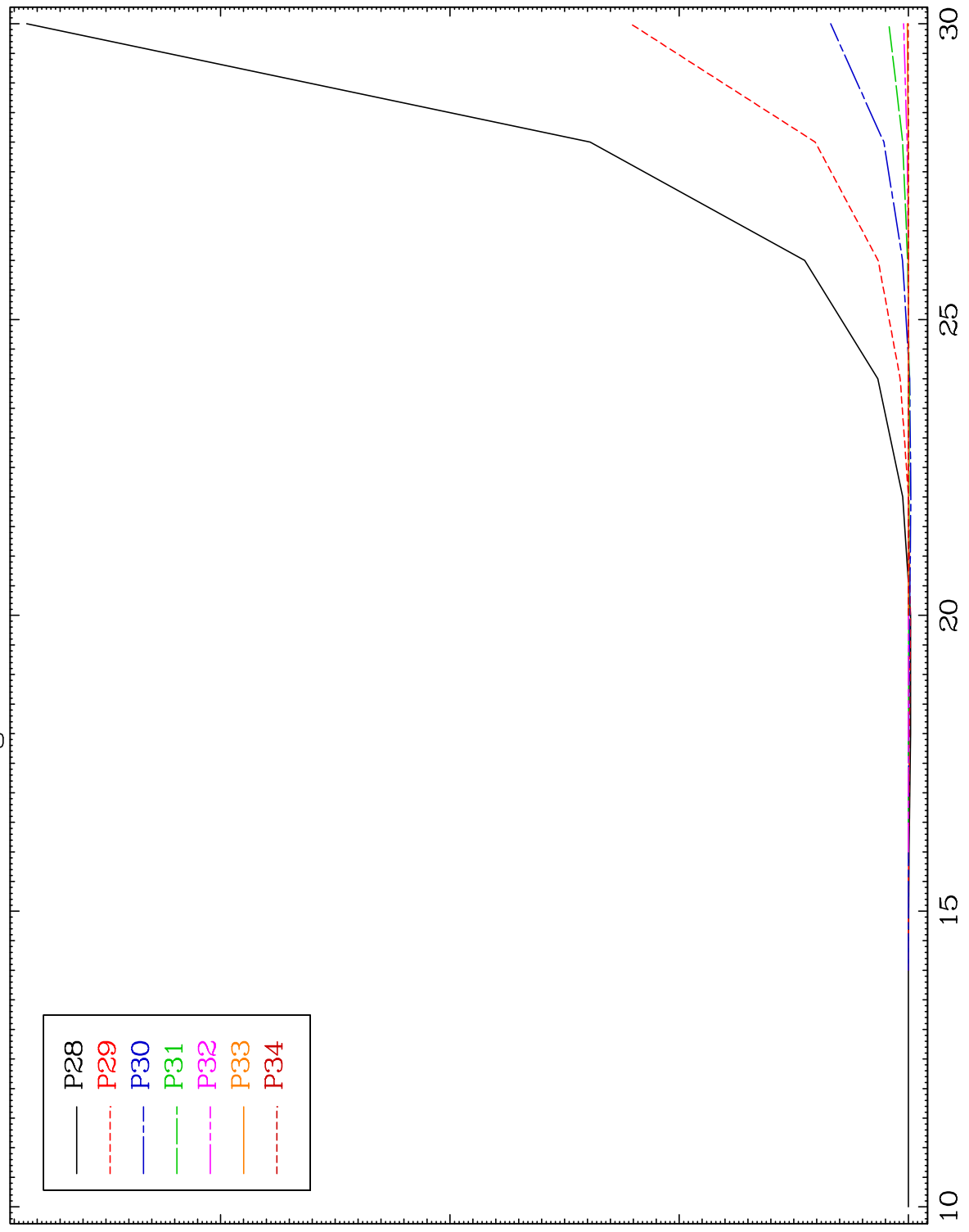


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

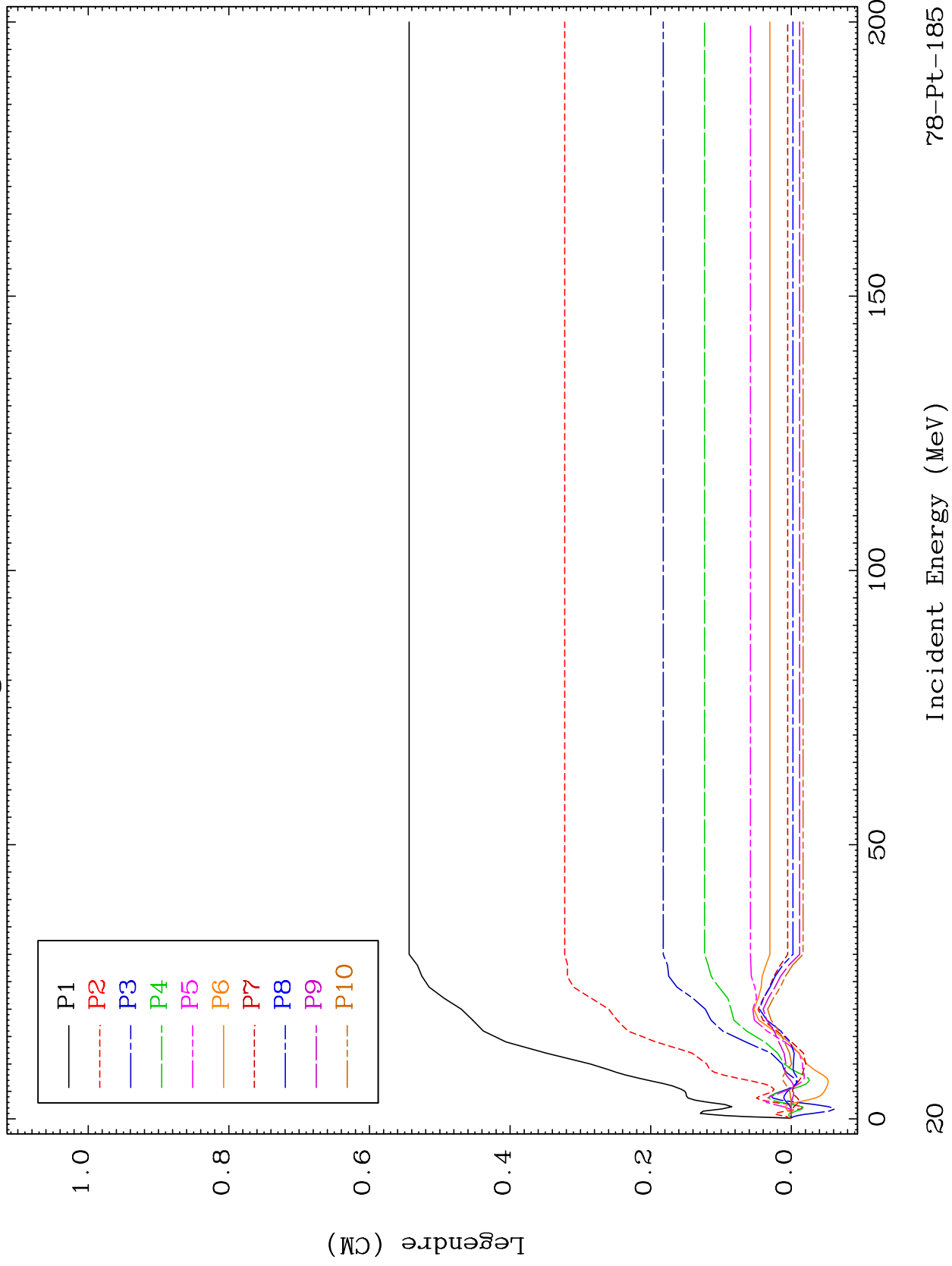
78-Pt-185

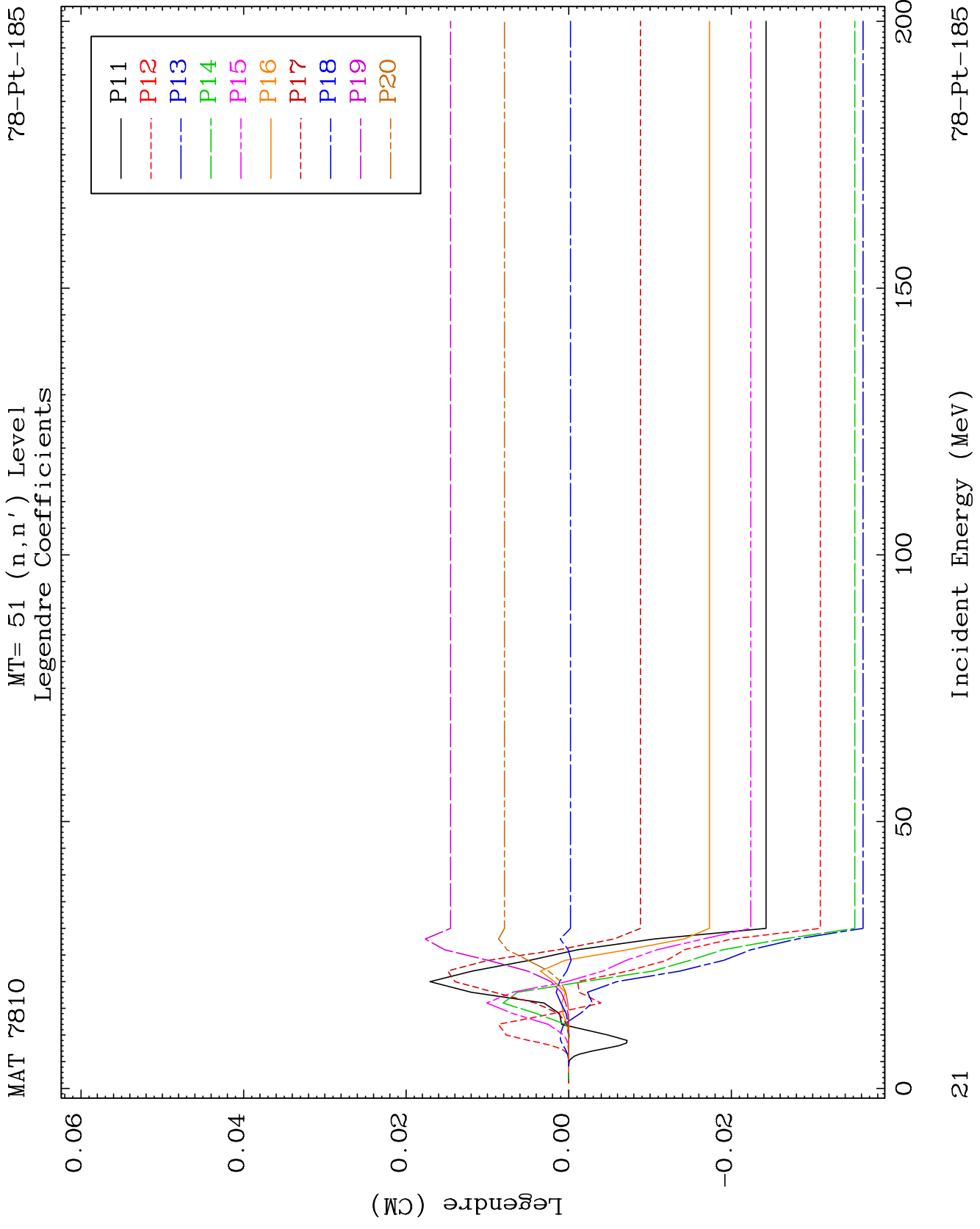


MAT 7810

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

78-Pt-185

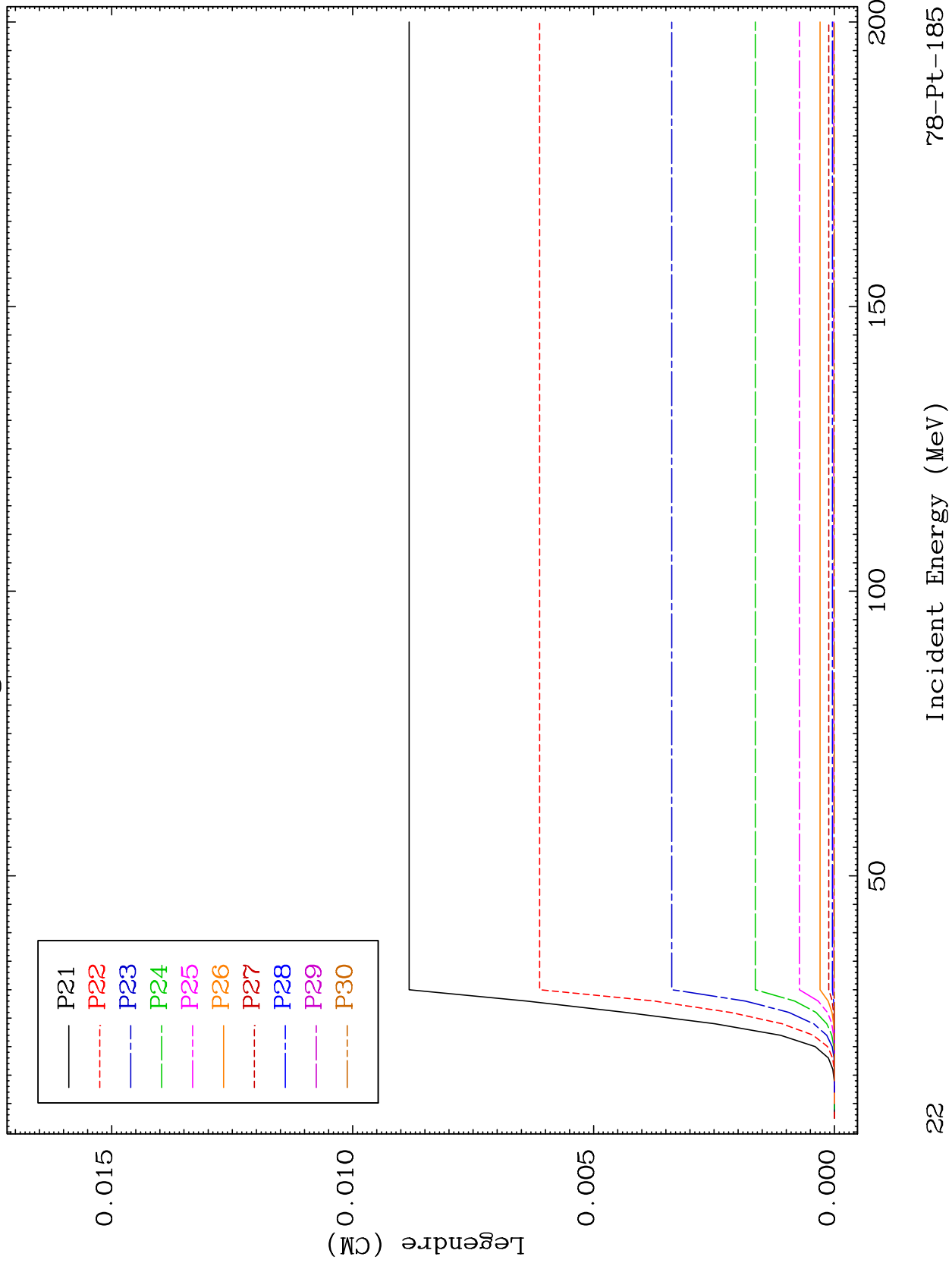




MAT 7810

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

78-Pt-185



22

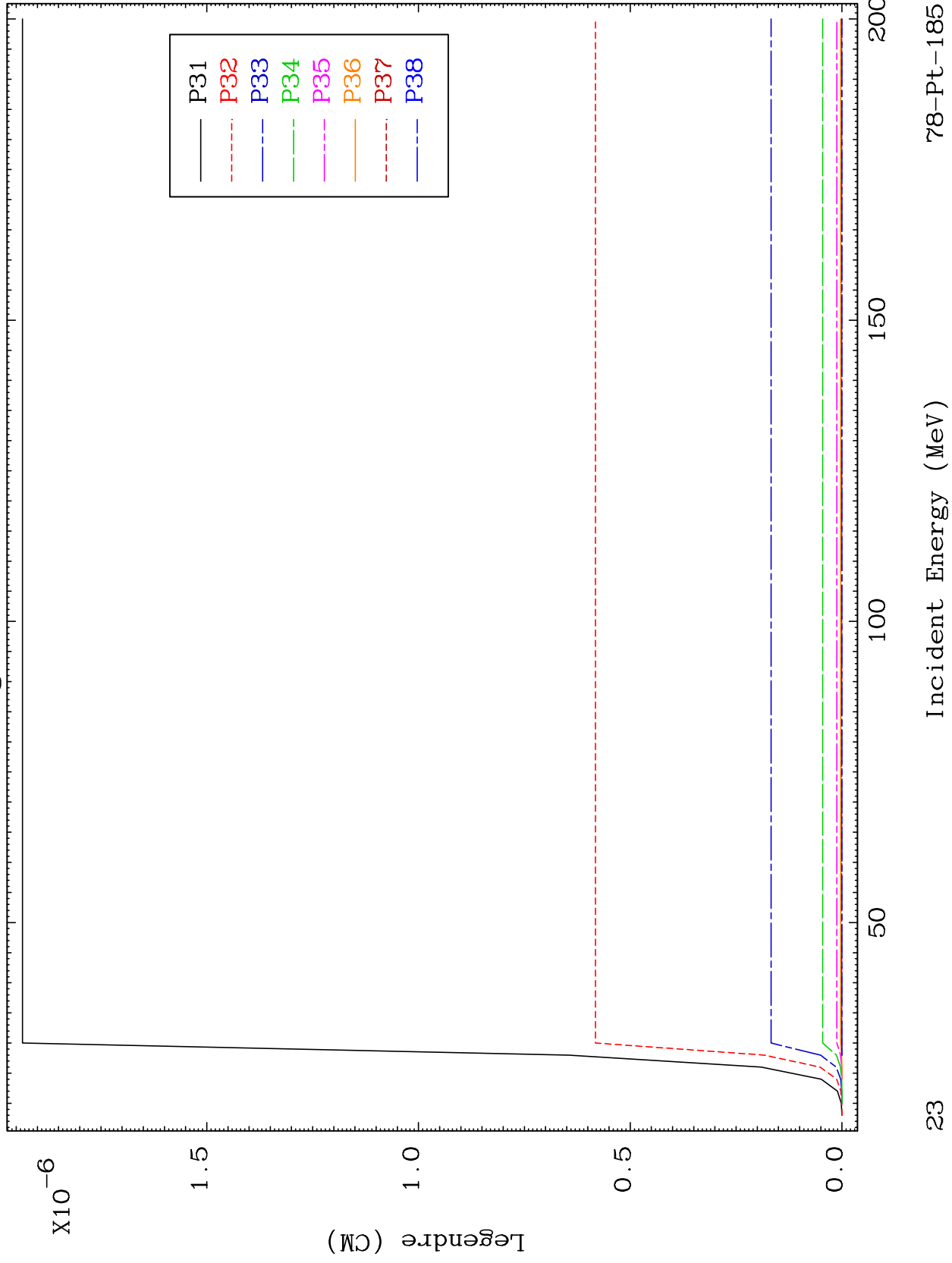
Incident Energy (MeV)

78-Pt-185

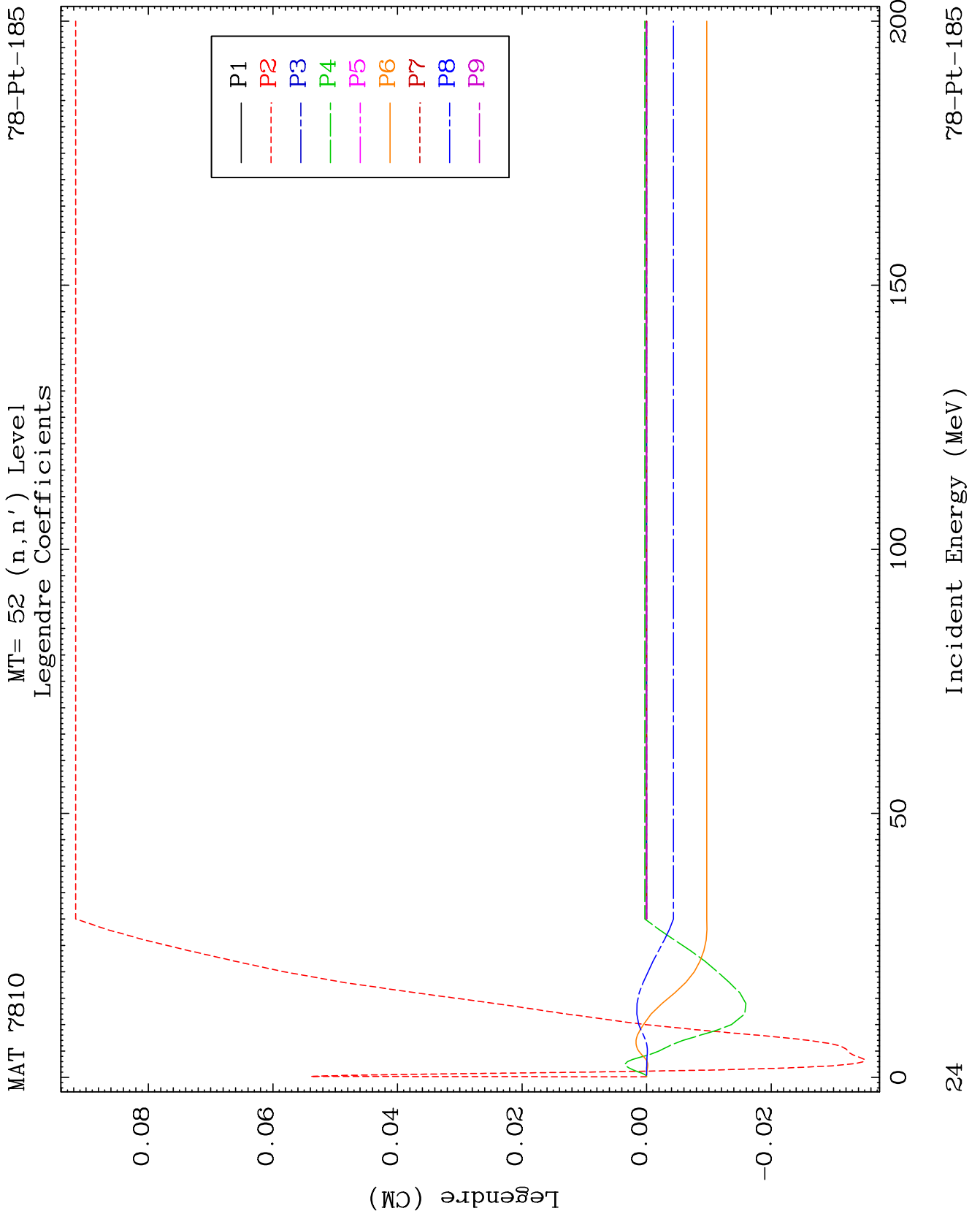
MAT 7810

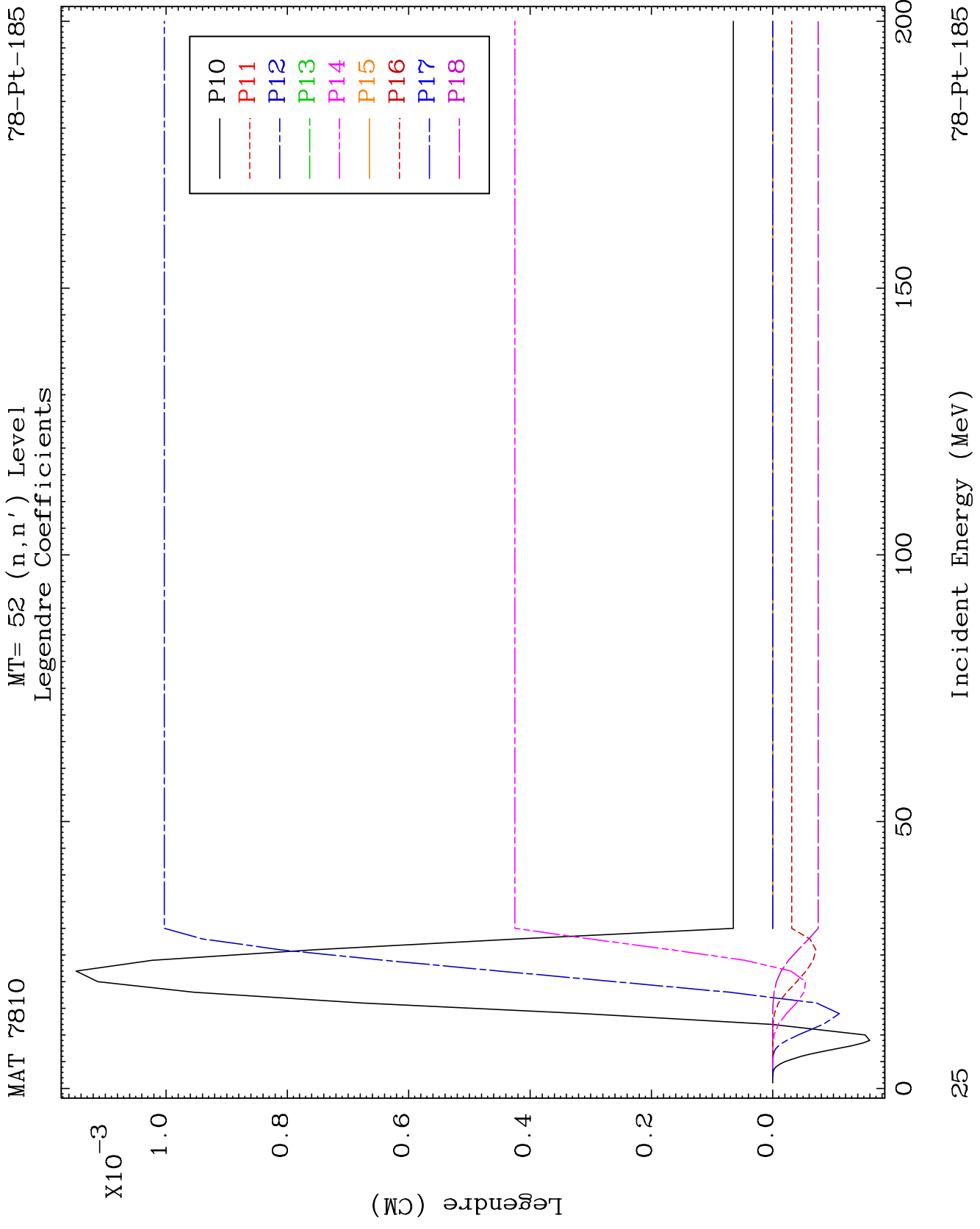
MT= 51 (n,n') Level
Legendre Coefficients

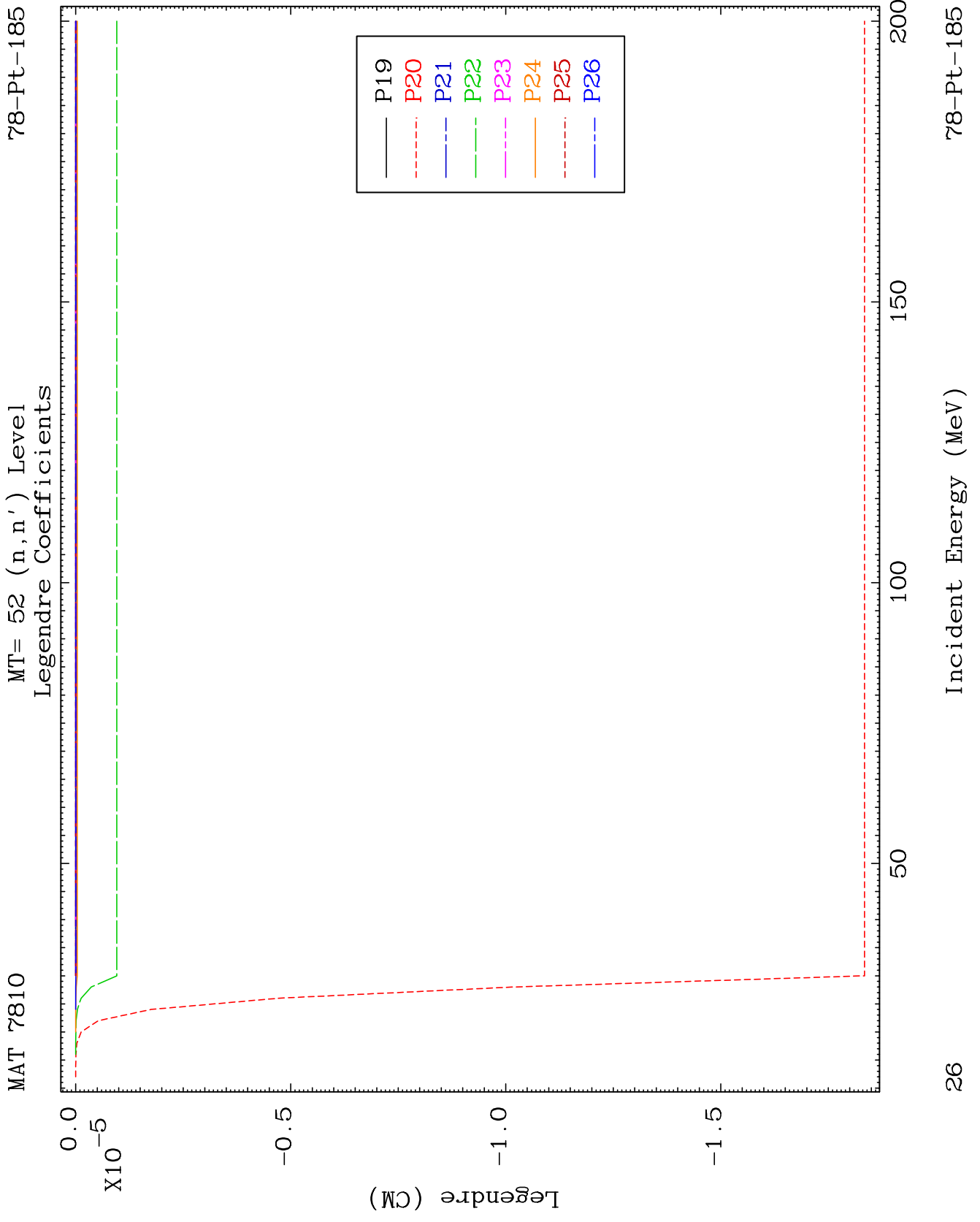
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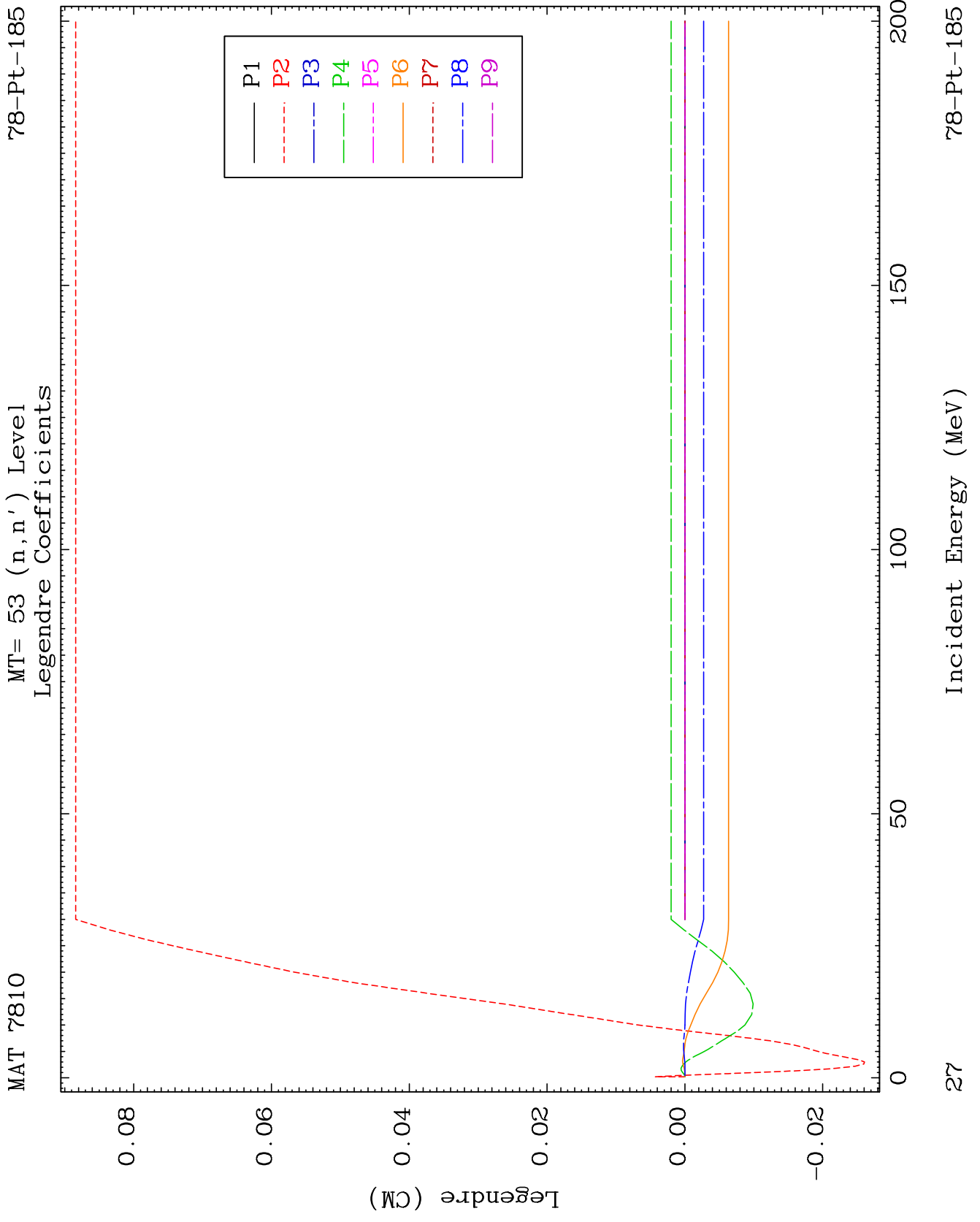


23





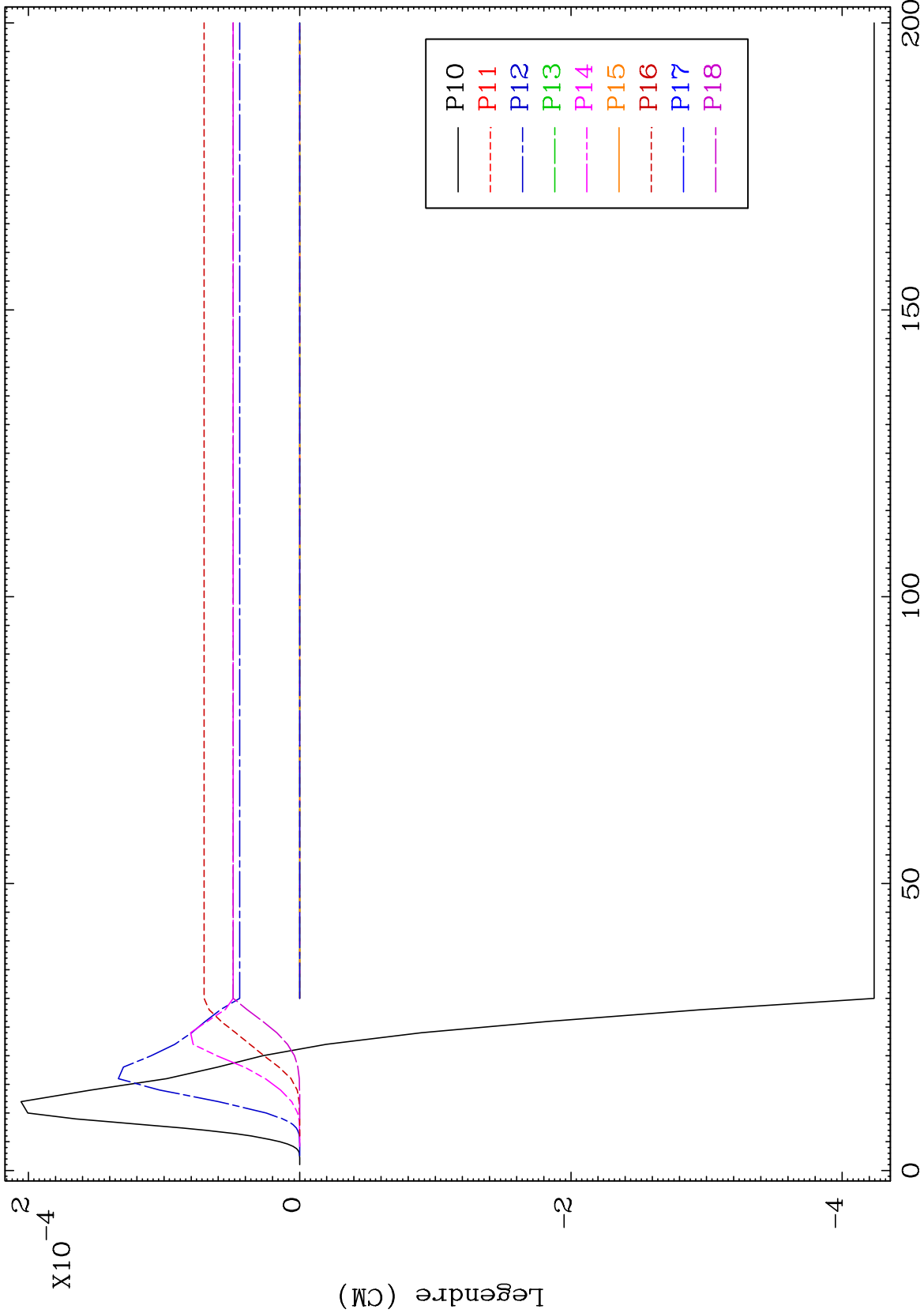




MAT 7810

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

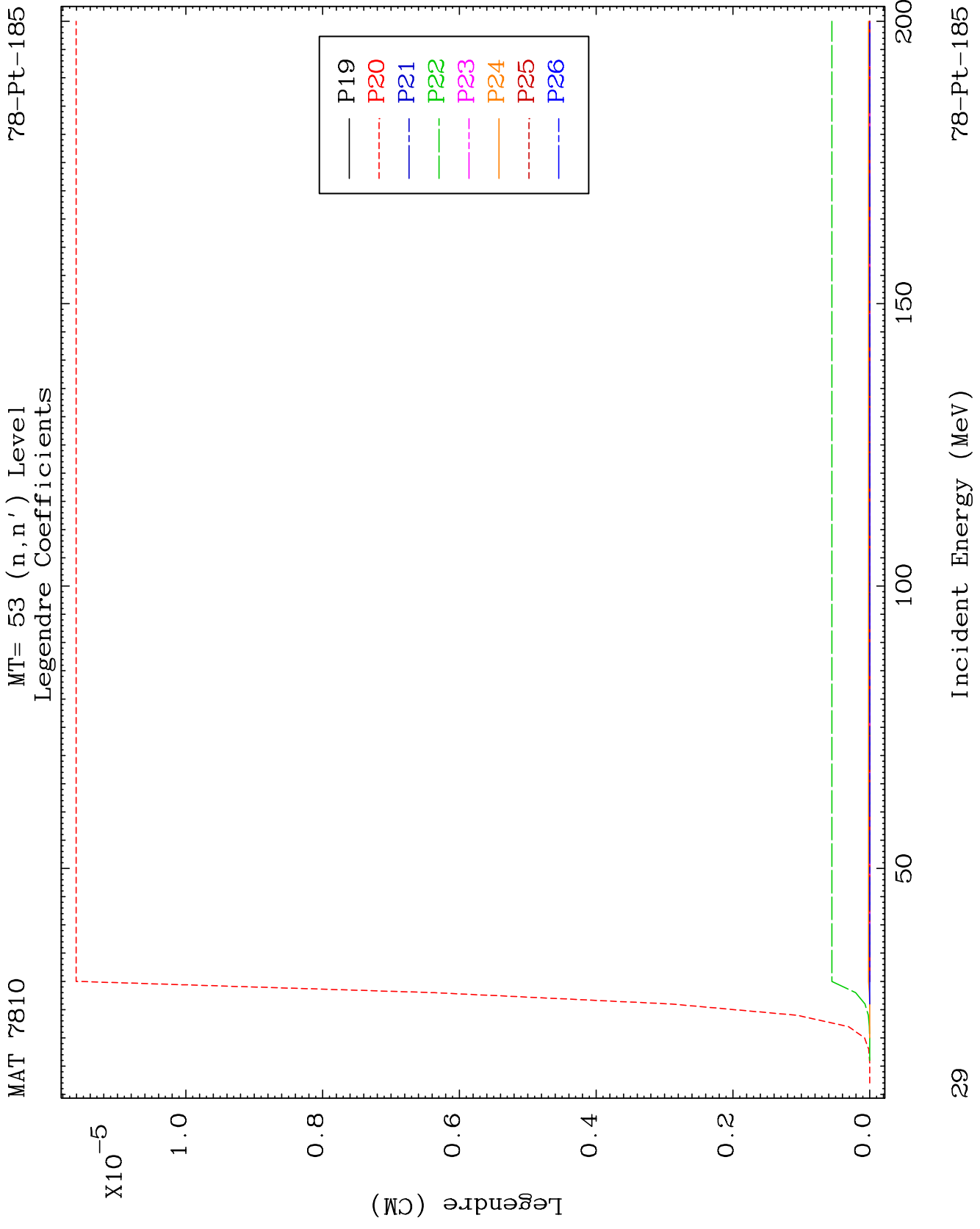
78-Pt-185



28

Incident Energy (MeV)

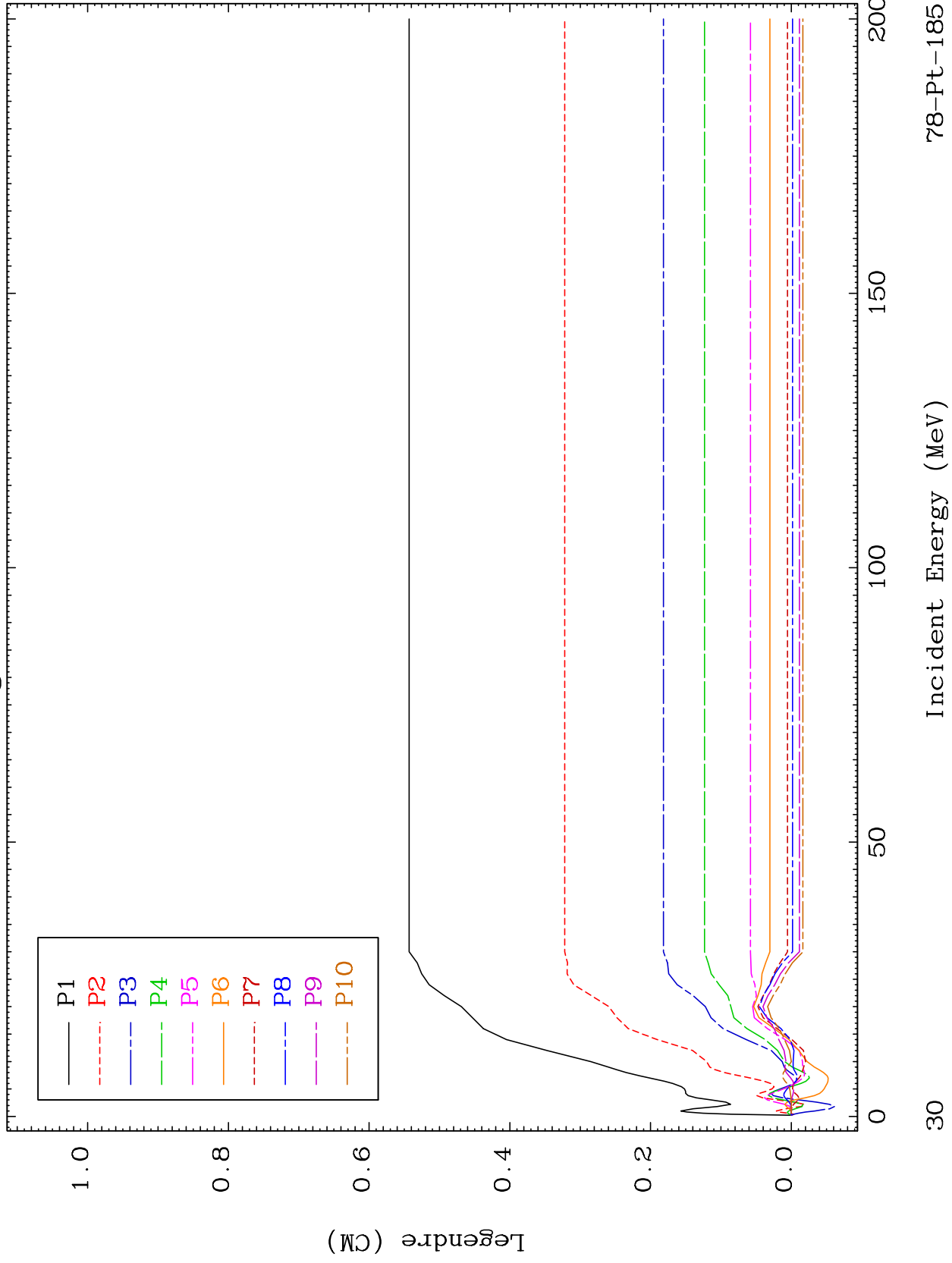
78-Pt-185



MAT 7810

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

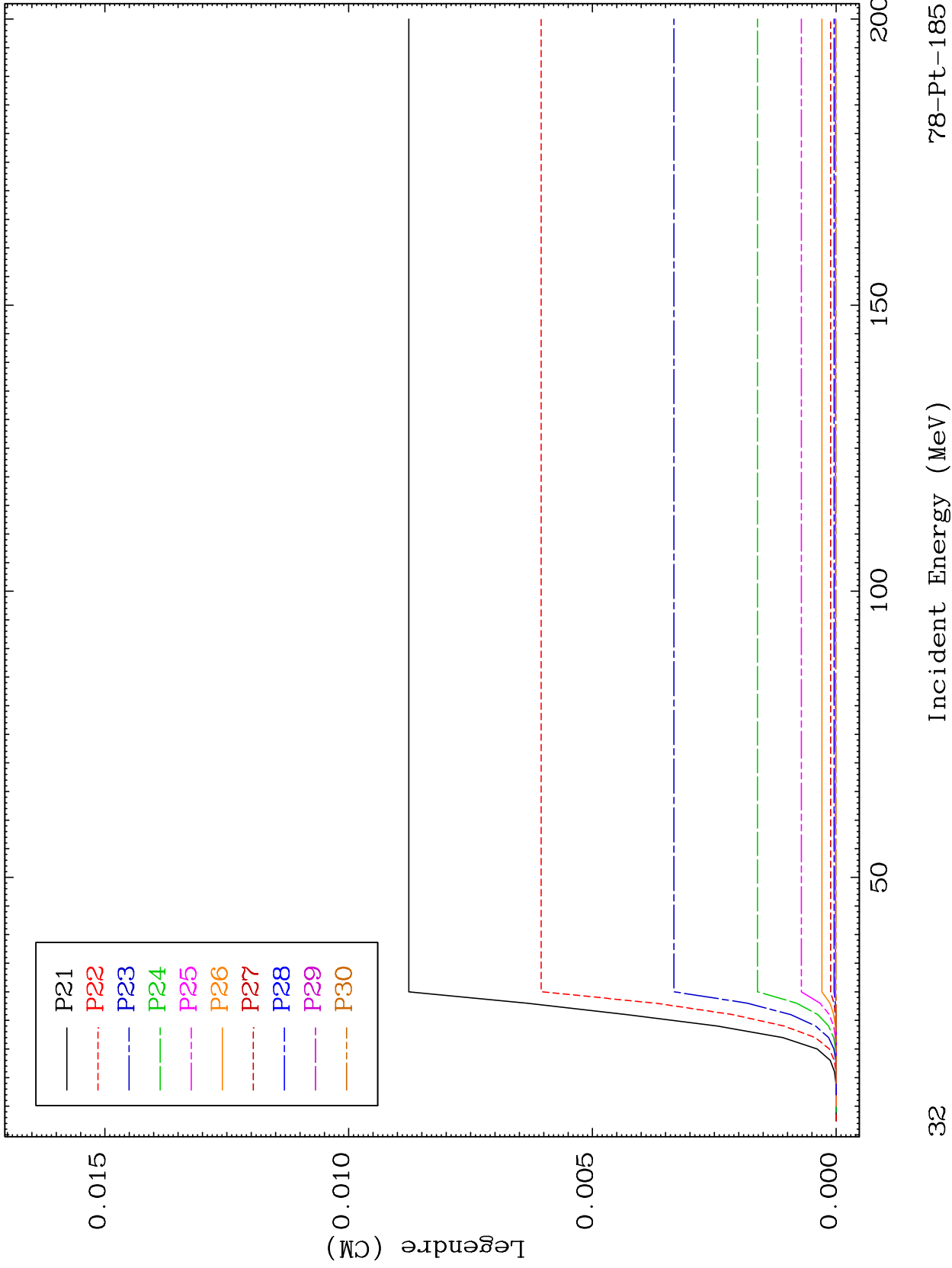
78-Pt-185



MAT 7810

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

78-Pt-185



32

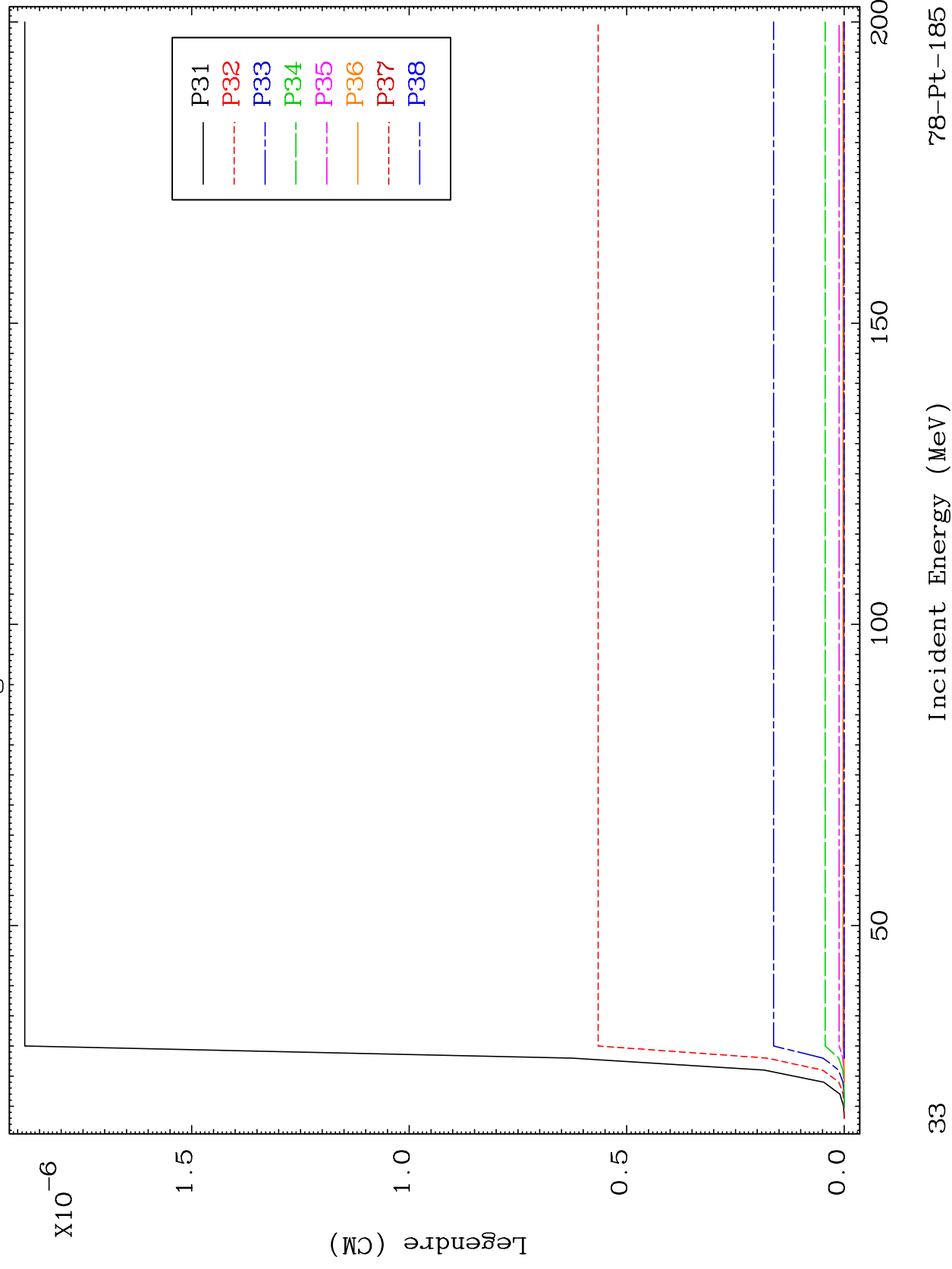
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

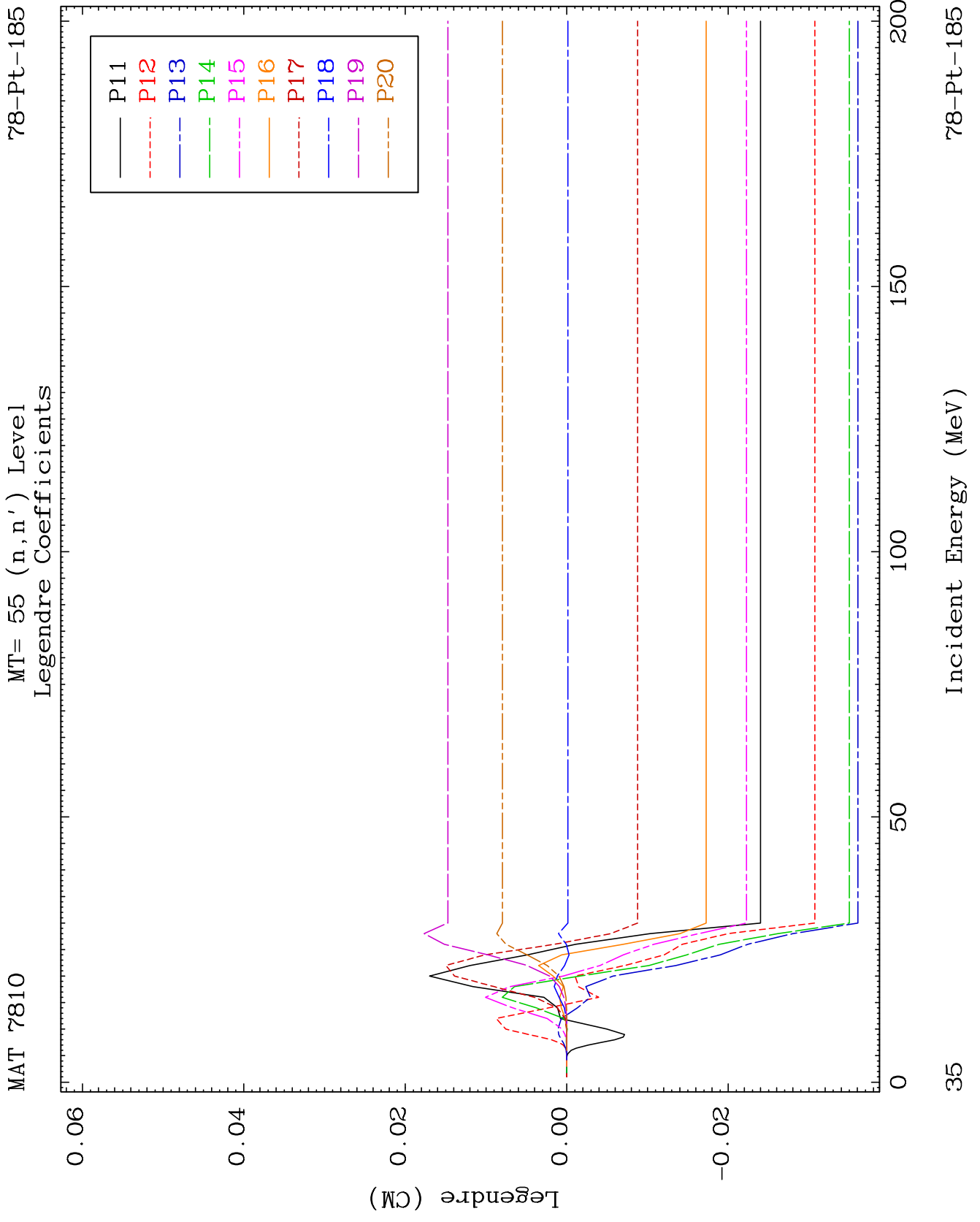
78-Pt-185



33

Incident Energy (MeV)

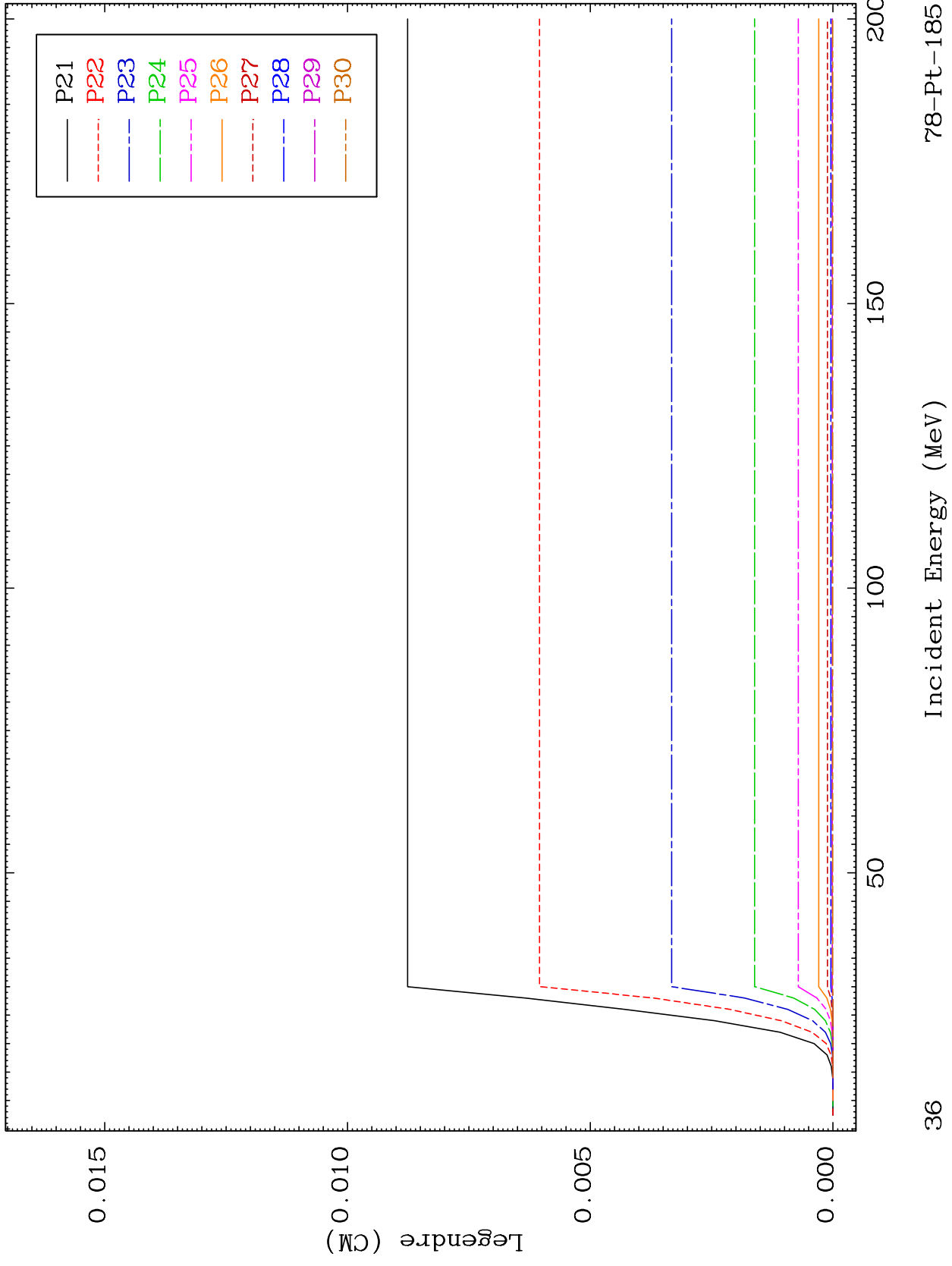
78-Pt-185



MAT 7810

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

78-Pt-185



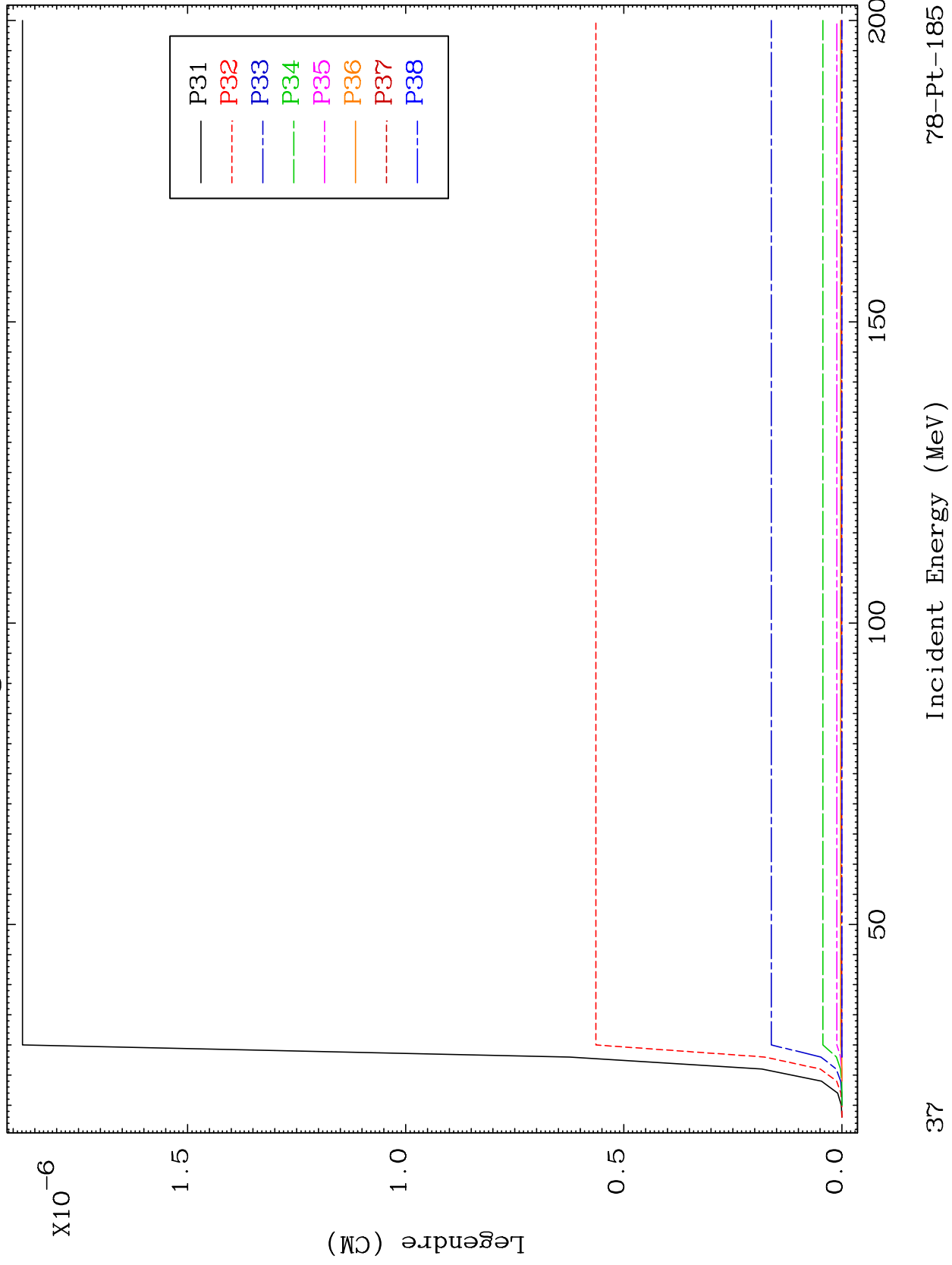
36

78-Pt-185

MAT 7810

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

78-Pt-185



37

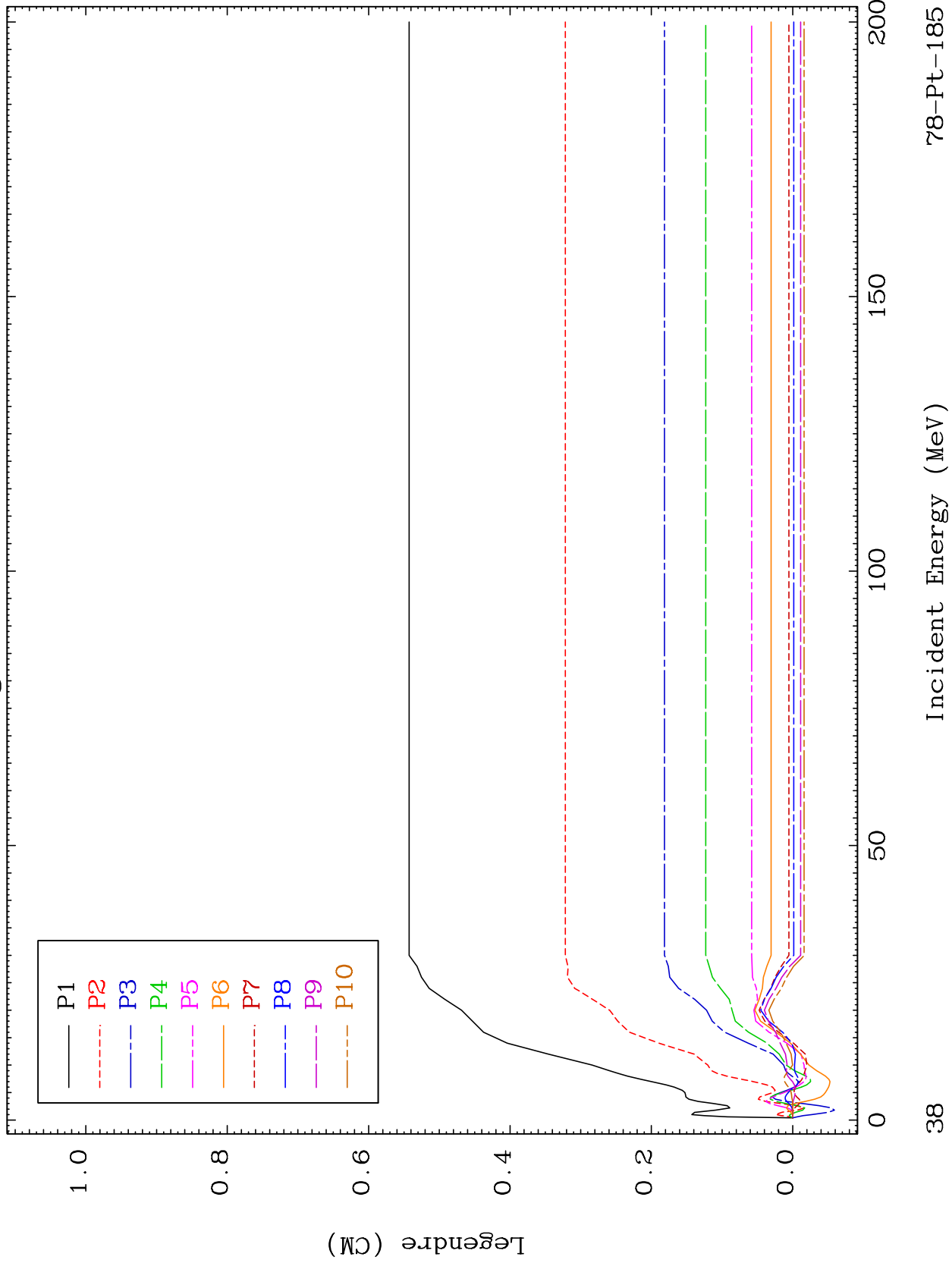
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



38

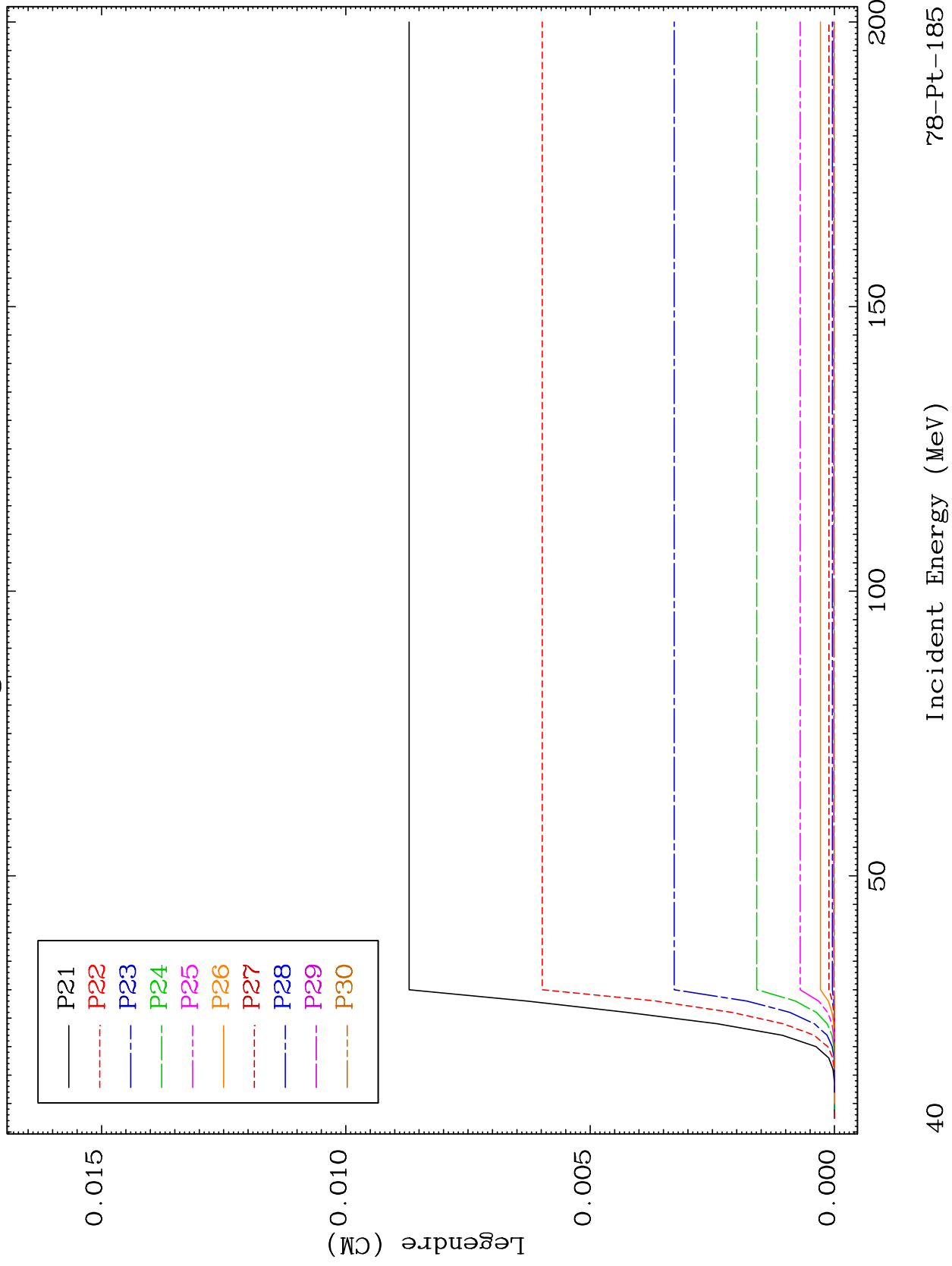
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

78-Pt-185



40

Incident Energy (MeV)

50

100

150

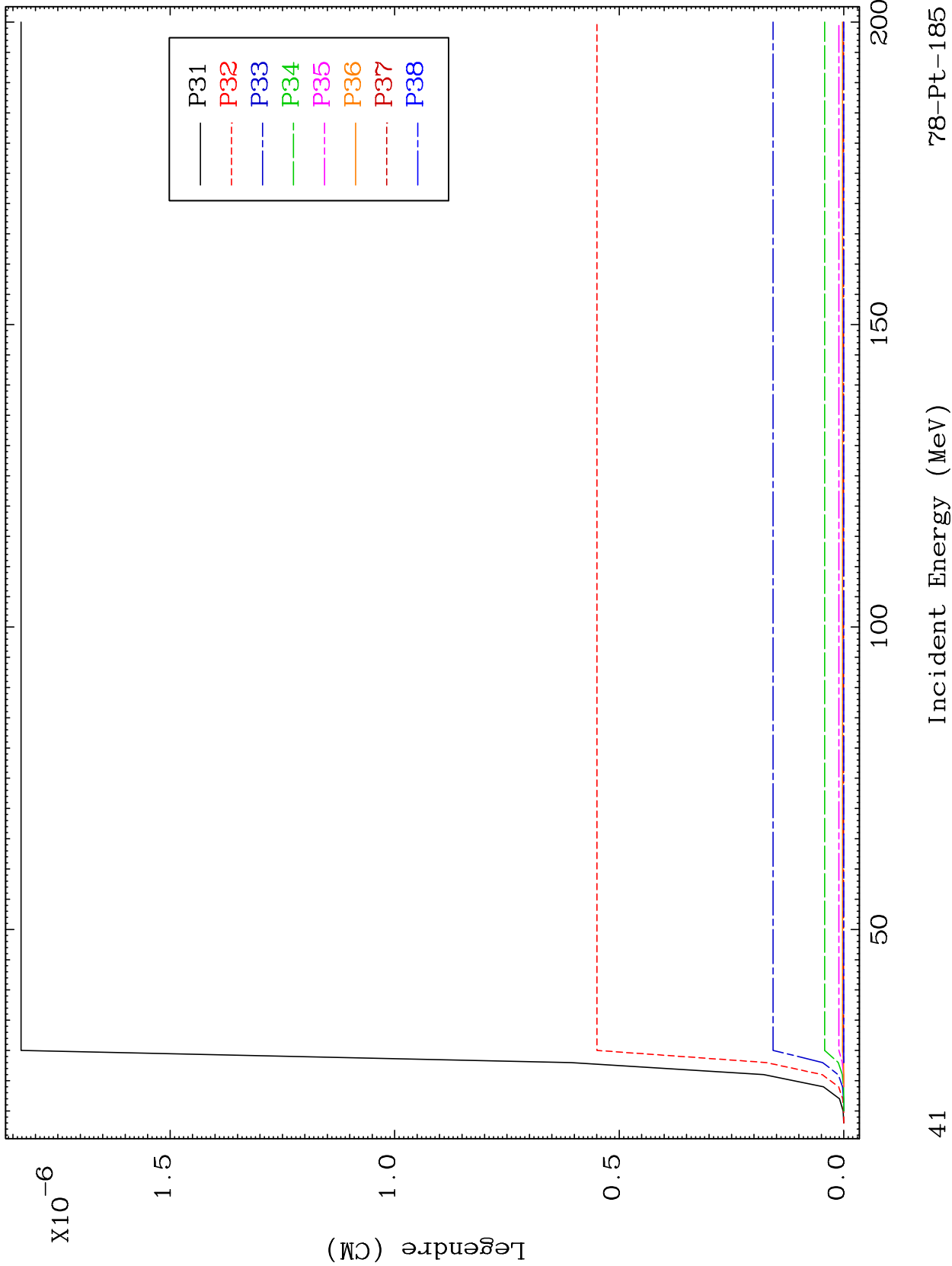
200

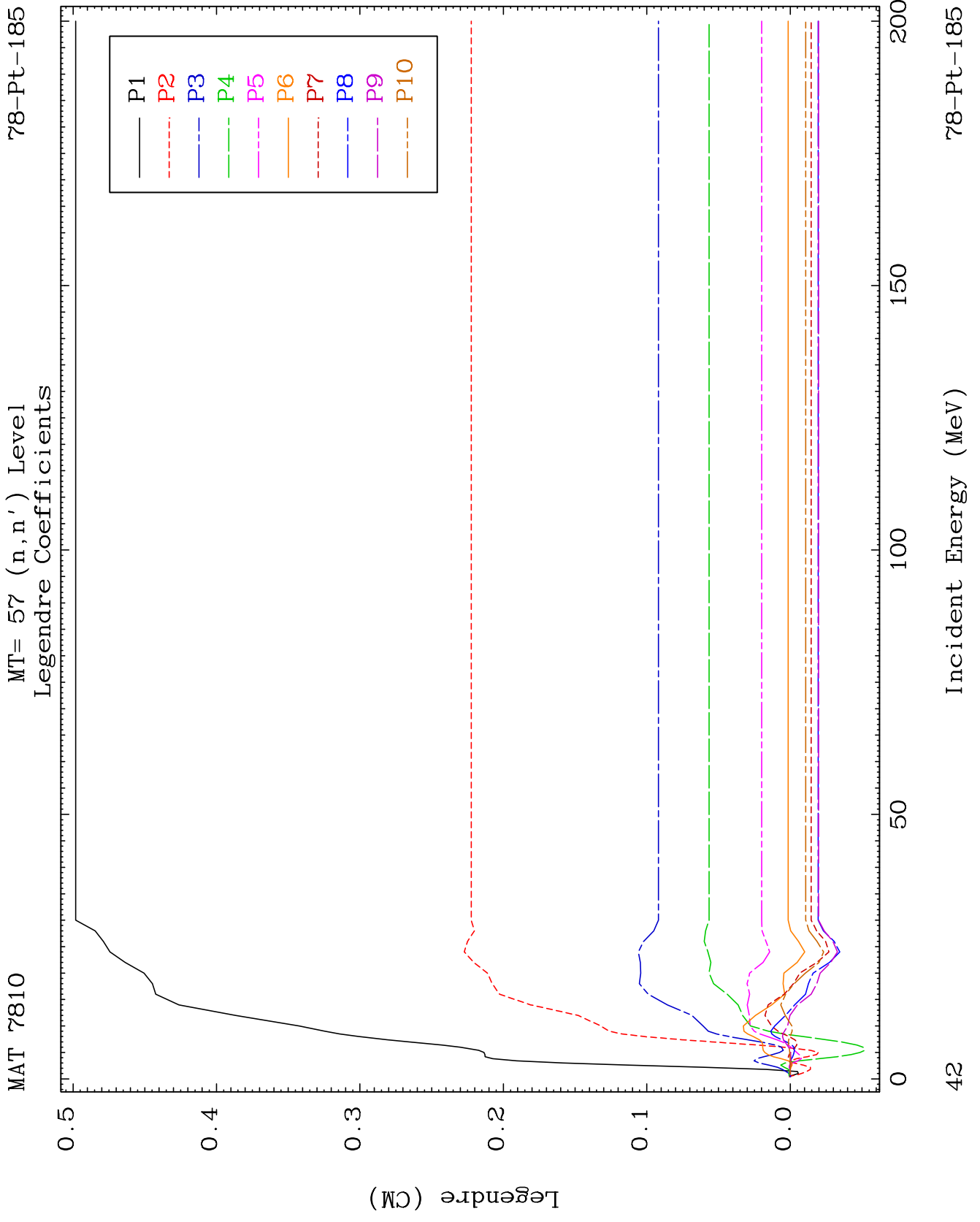
78-Pt-185

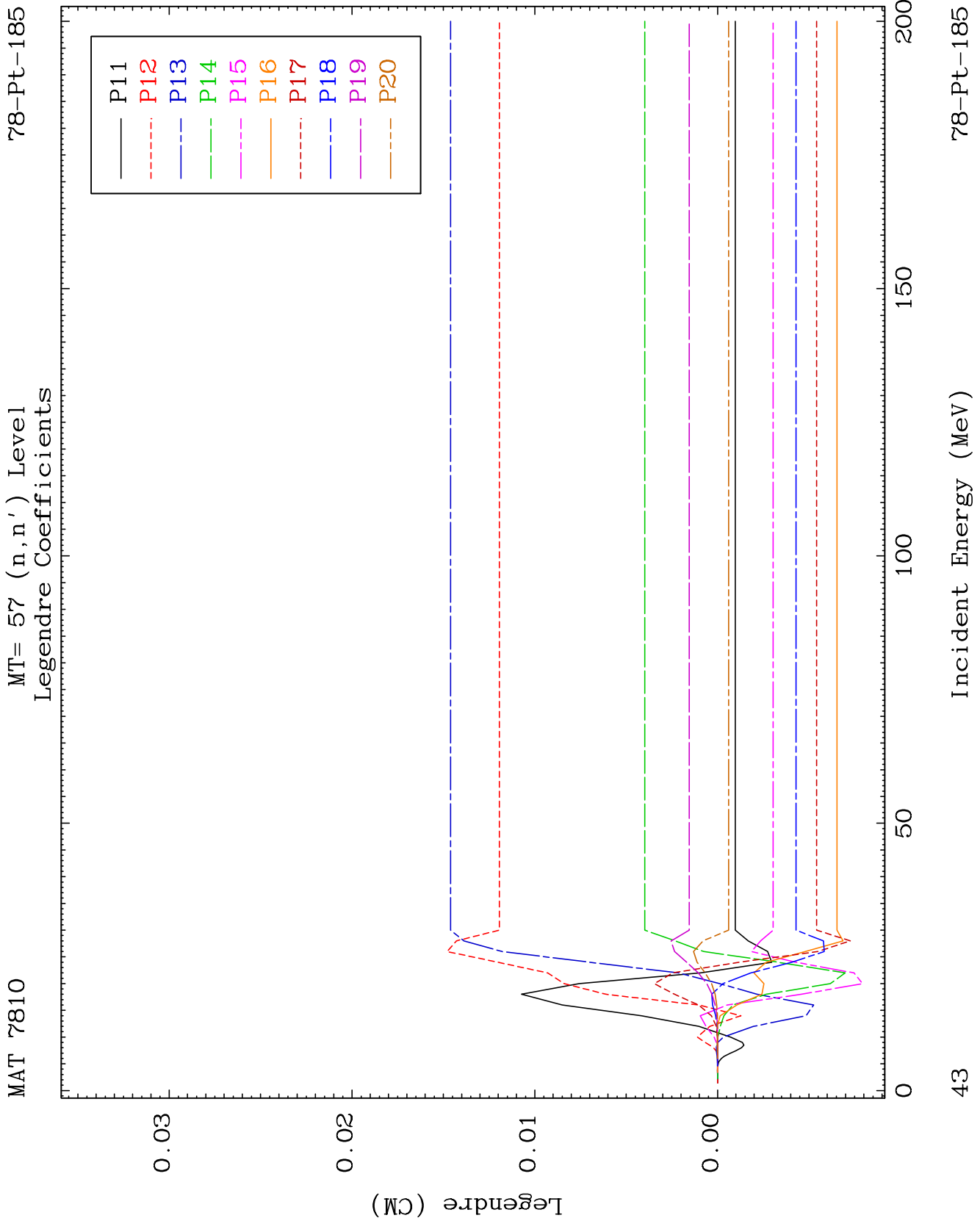
MAT 7810

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

78-Pt-185



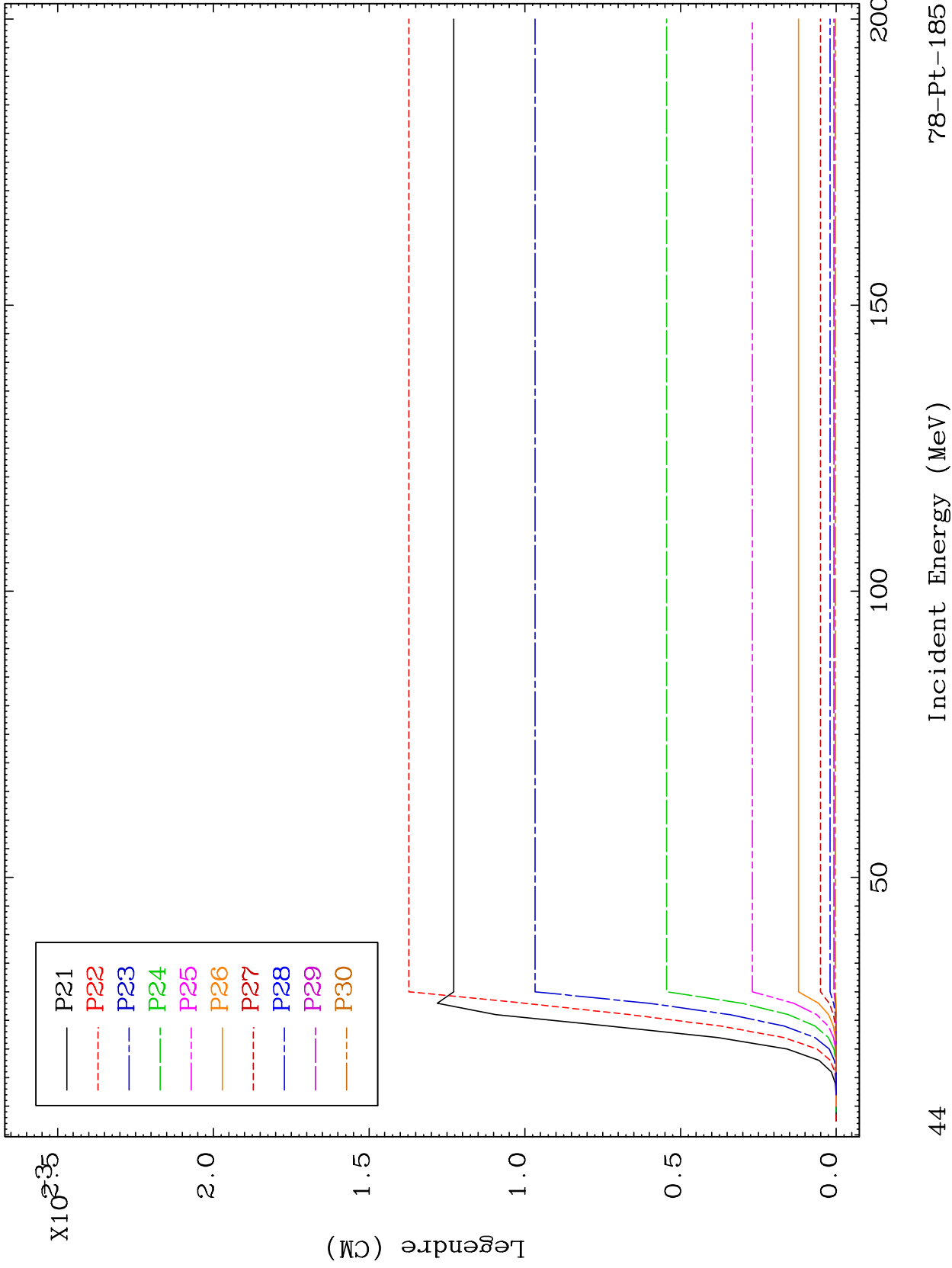


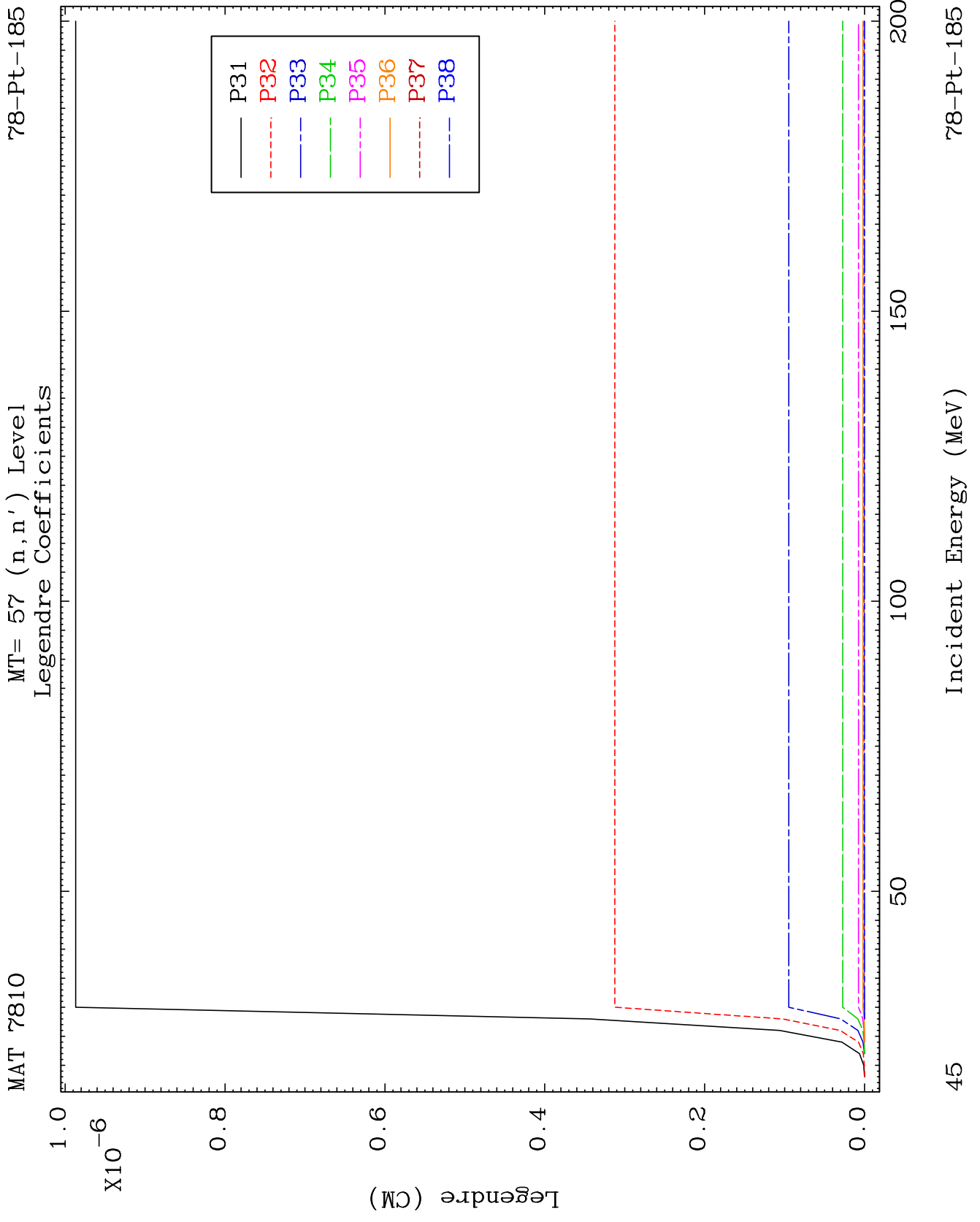


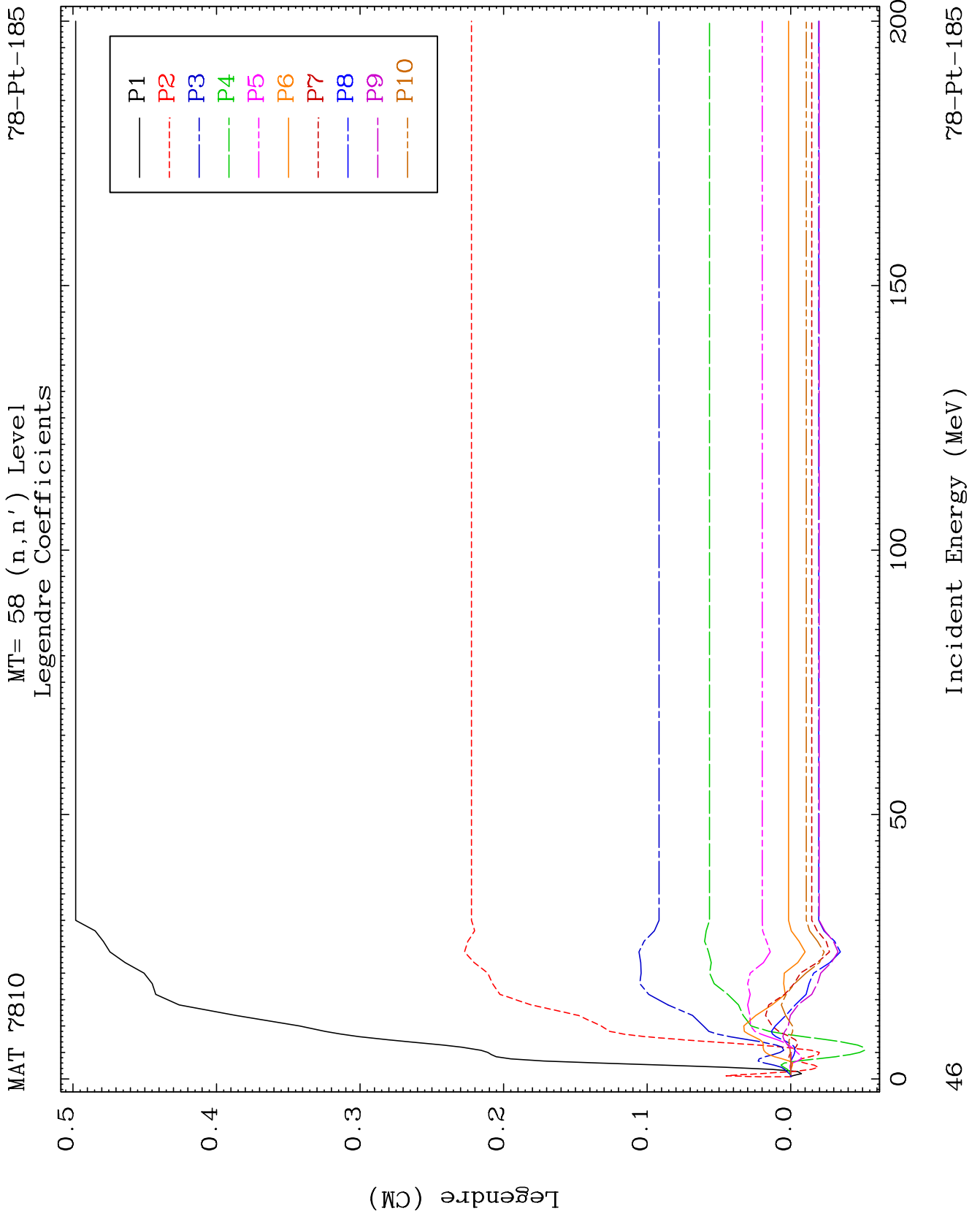
MAT 7810

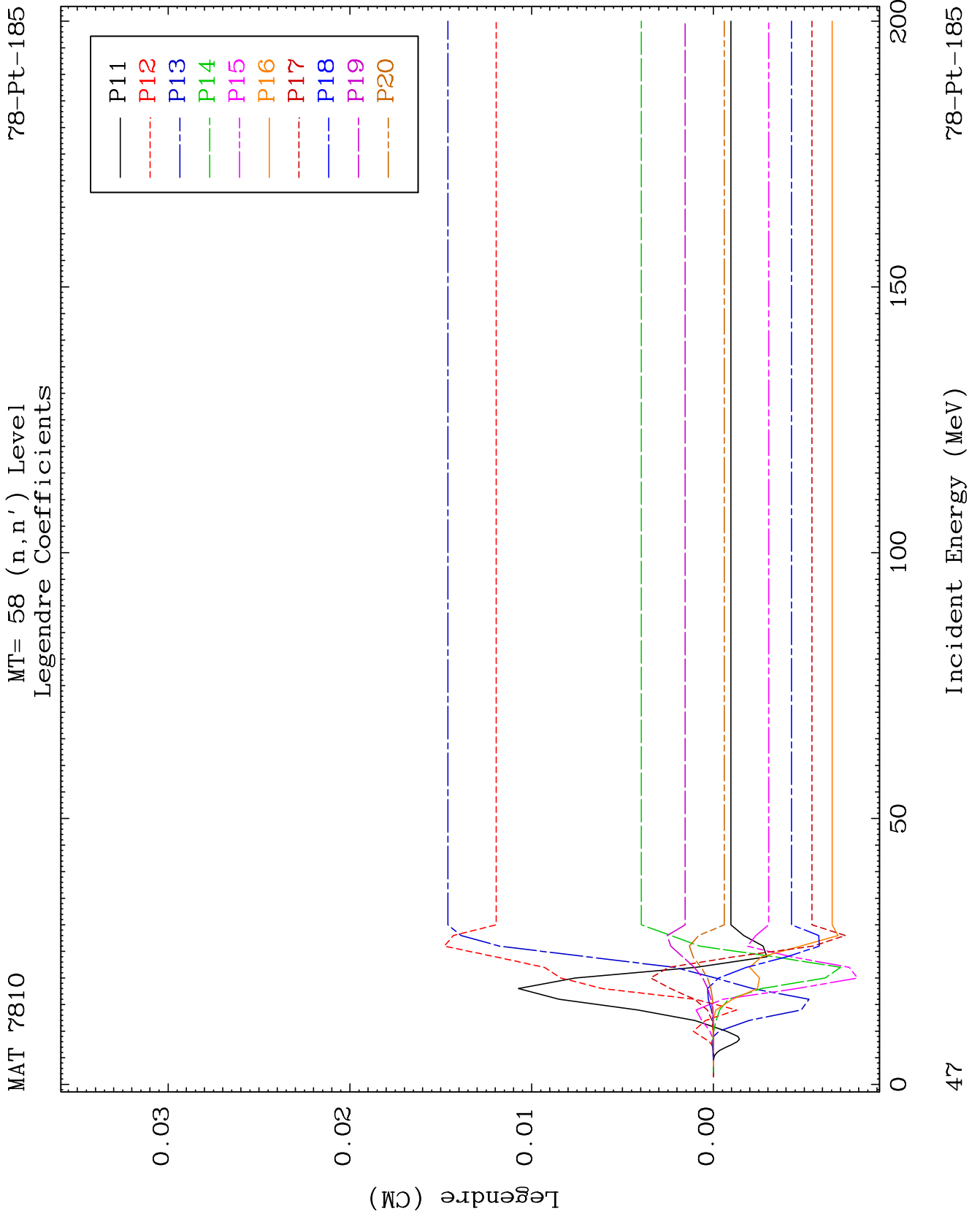
MT= 57 (n,n') Level
Legendre Coefficients

78-Pt-185





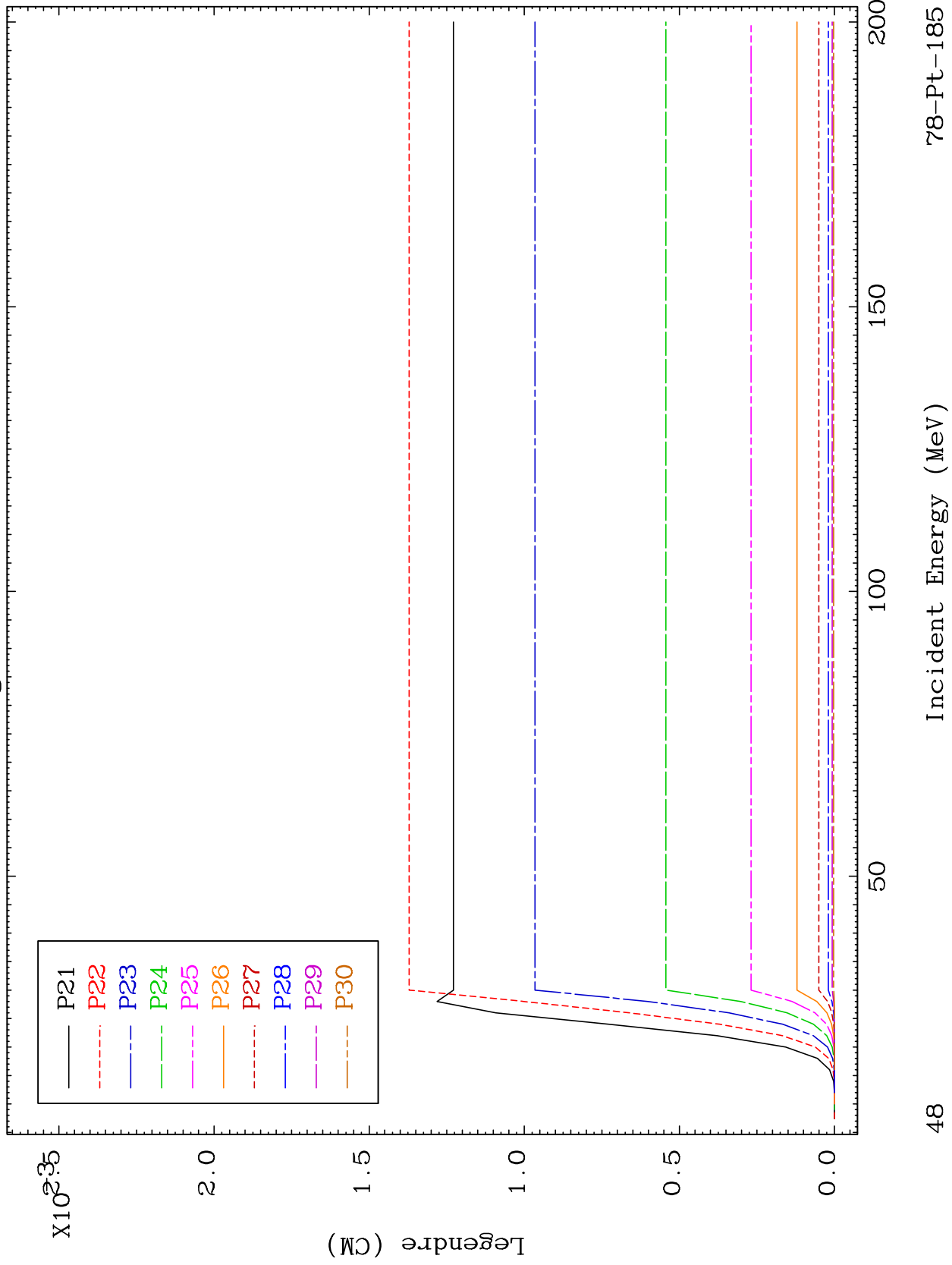




MAT 7810

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

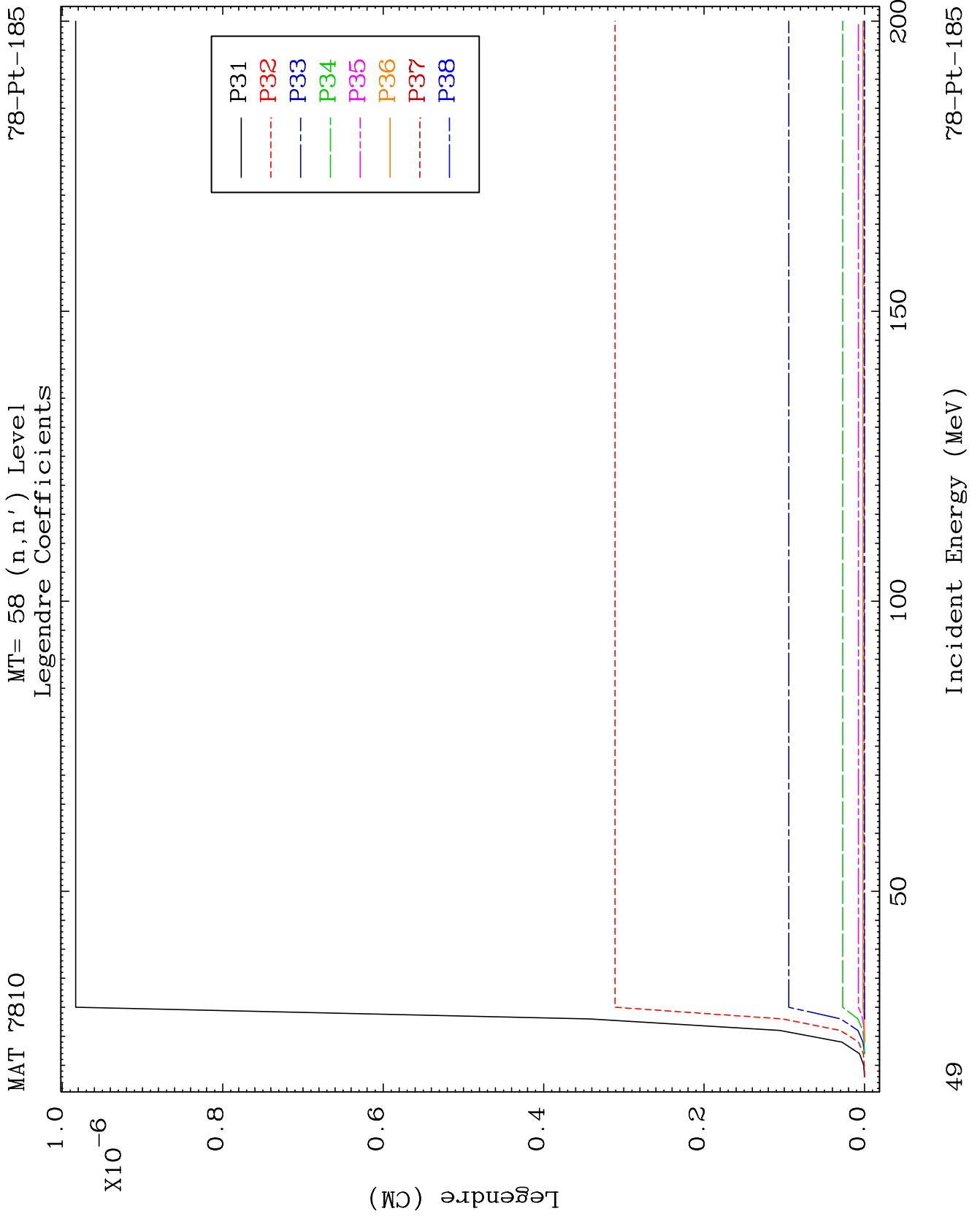
78-Pt-185



48

Incident Energy (MeV)

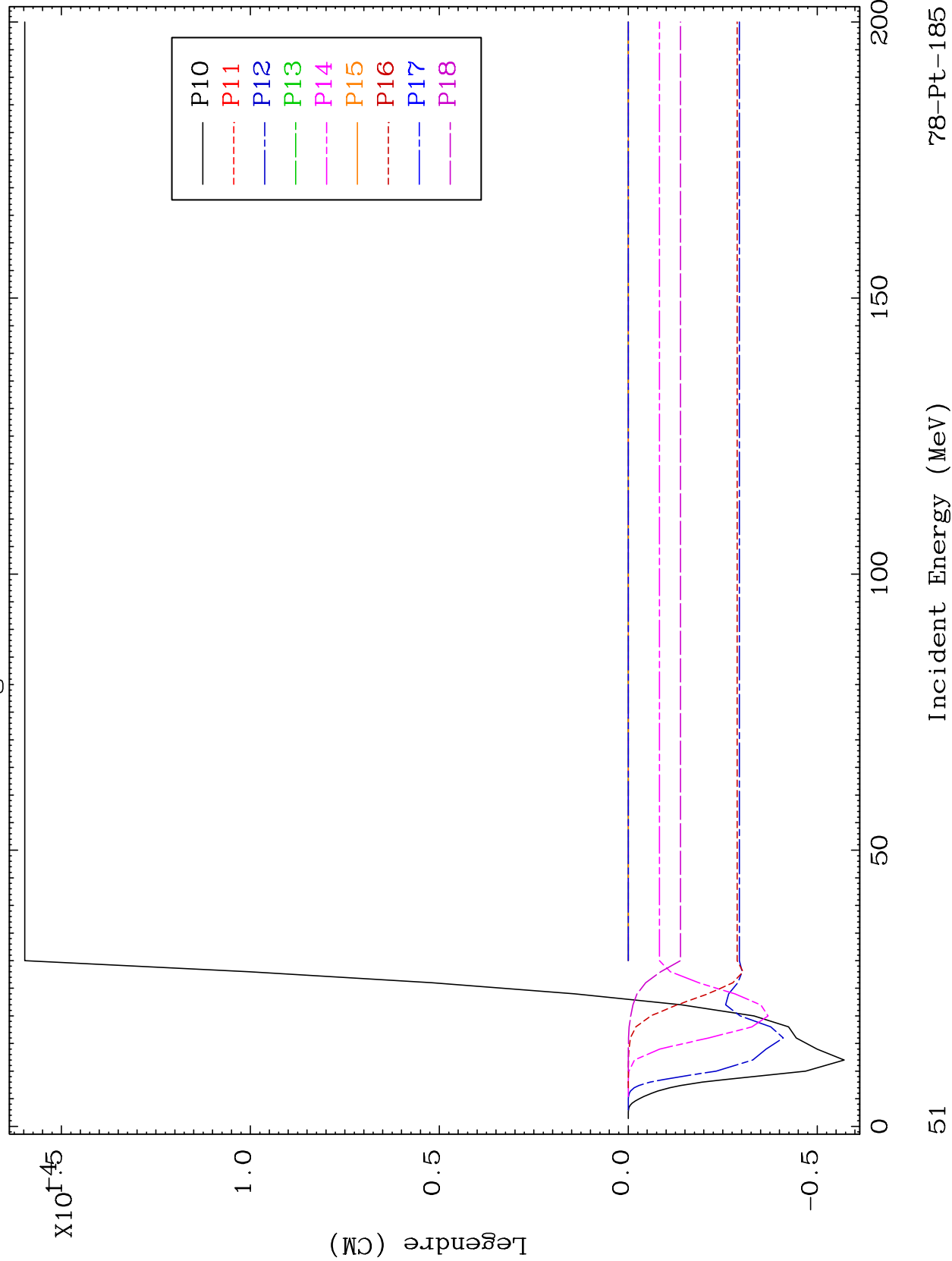
78-Pt-185



MAT 7810

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

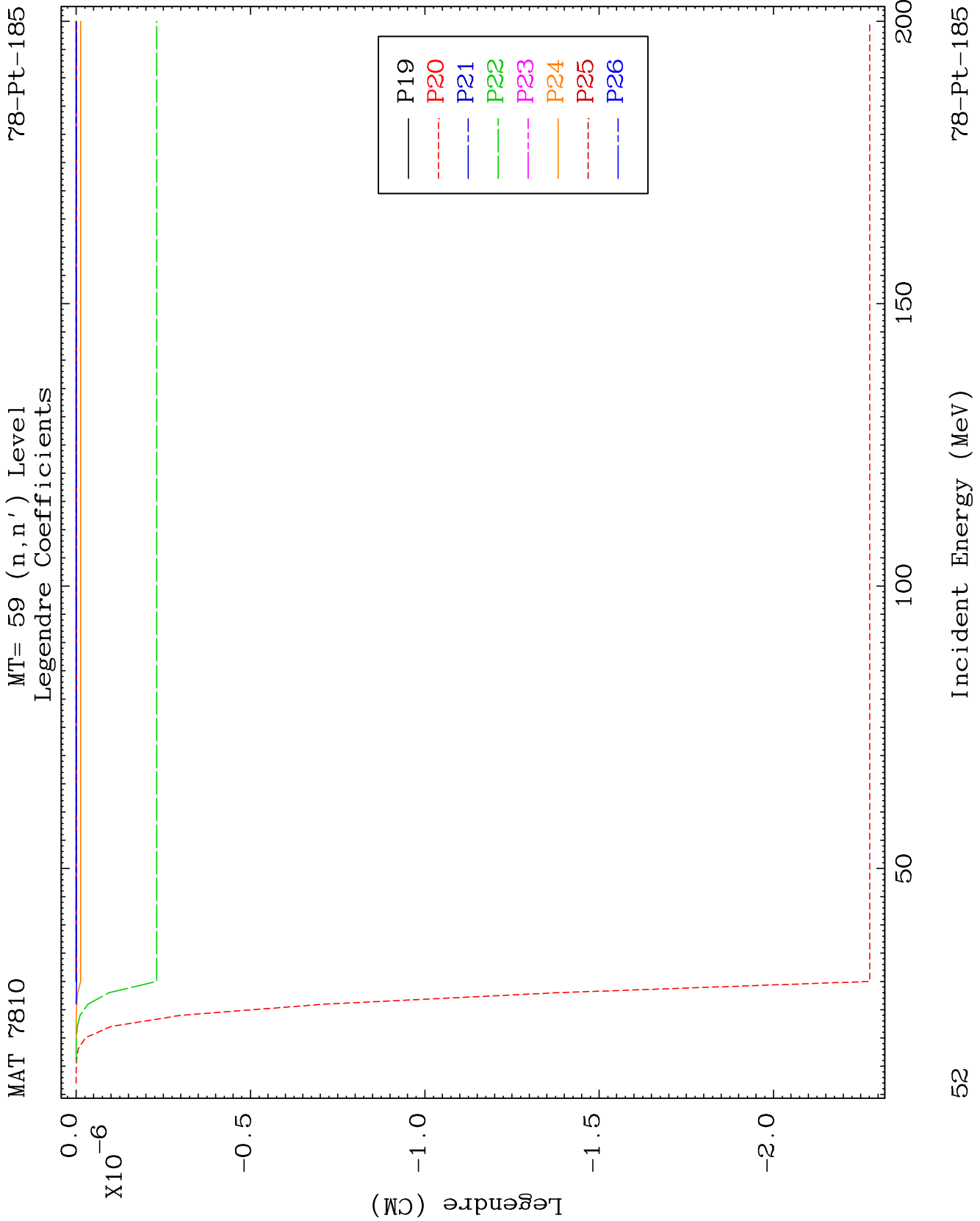
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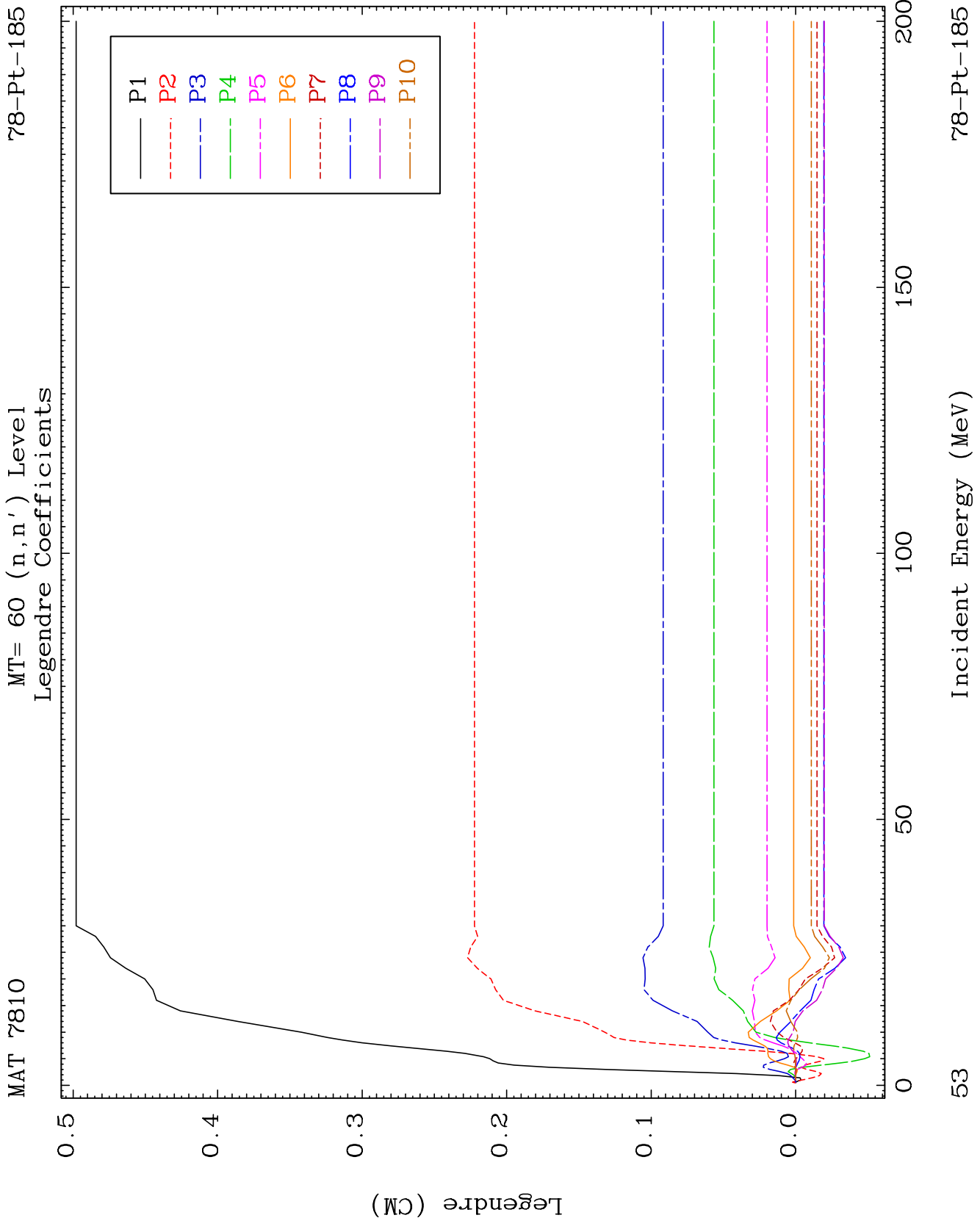


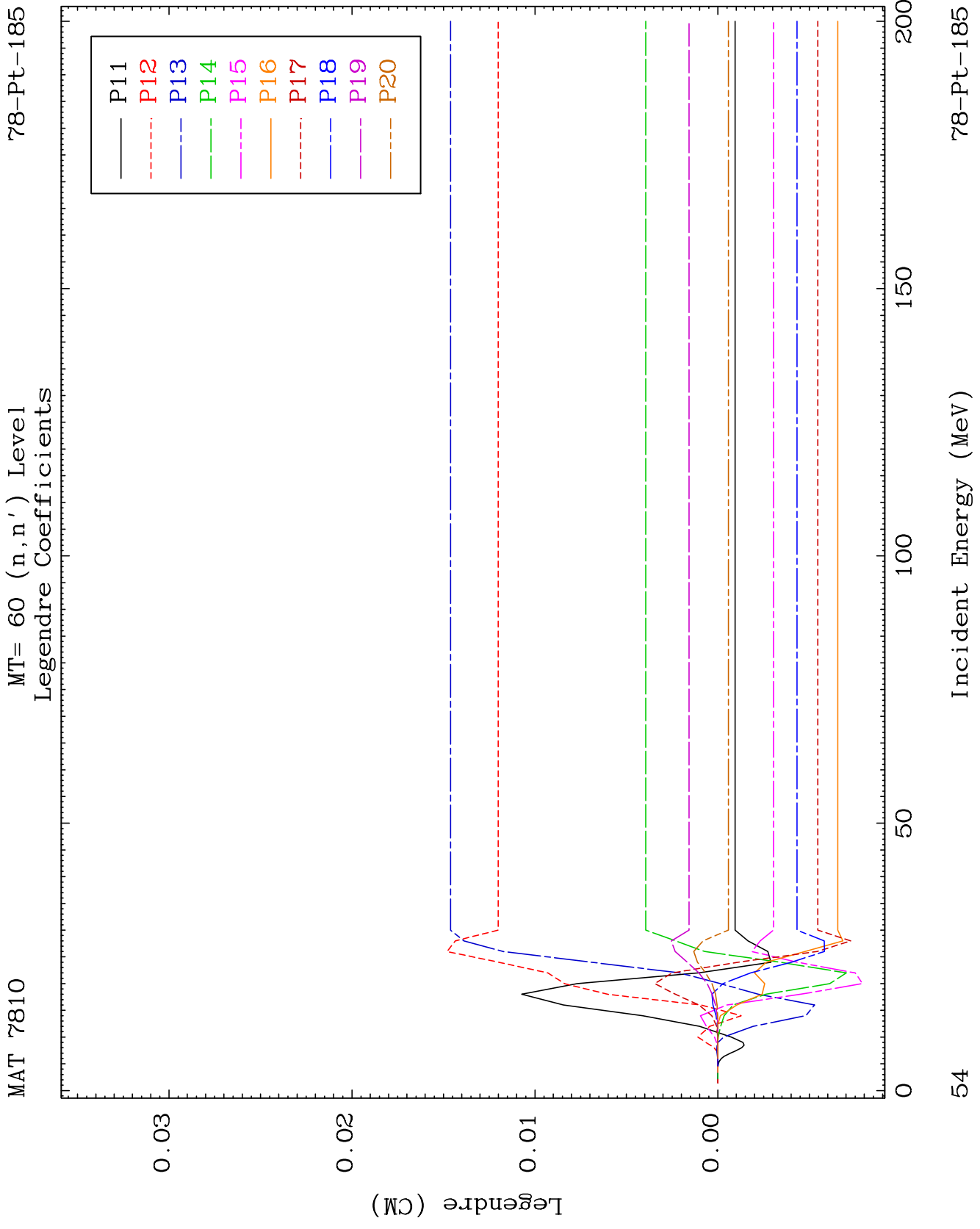
51

Incident Energy (MeV)

78-Pt-185



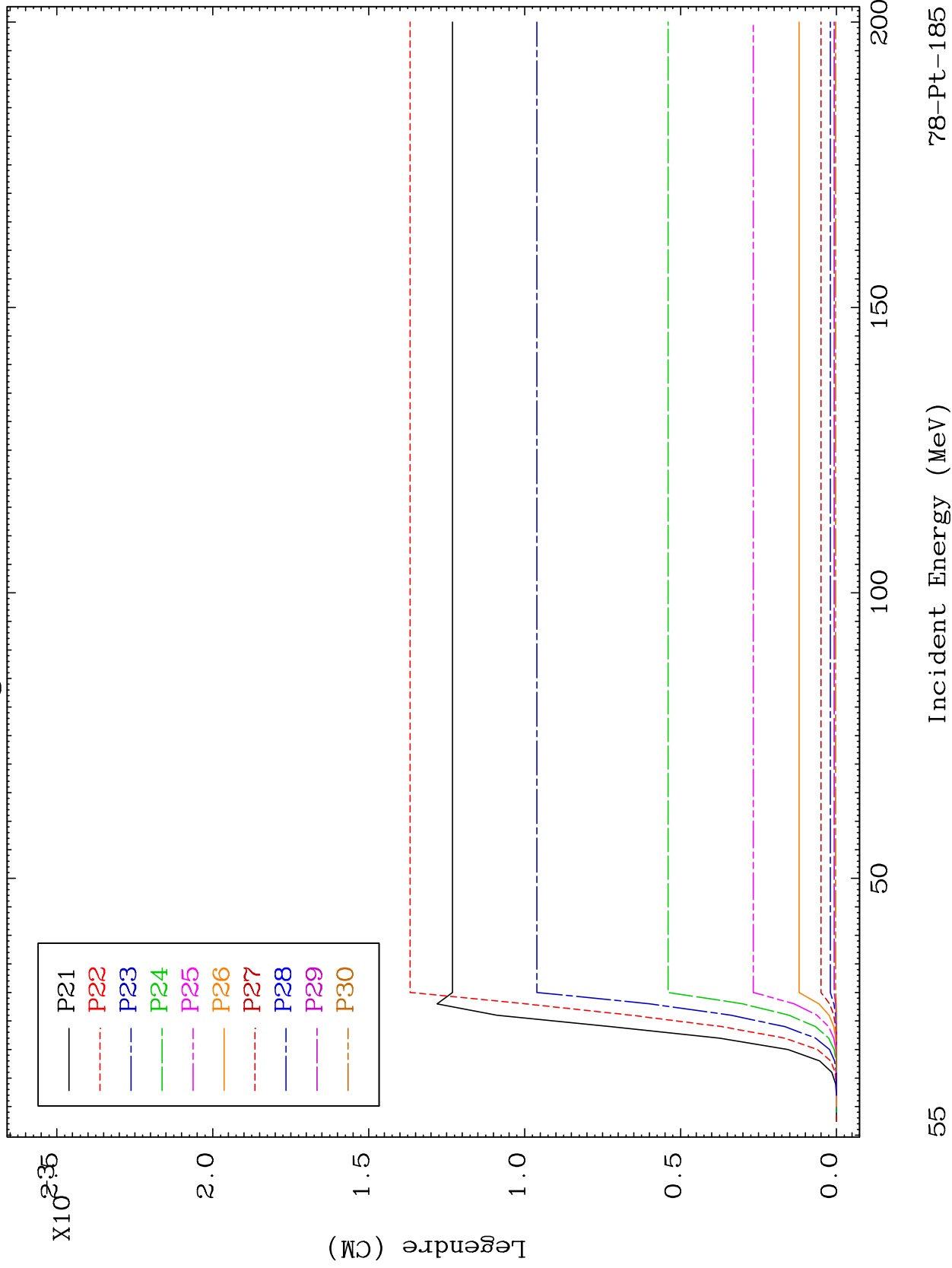




MAT 7810

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

78-Pt-185



55

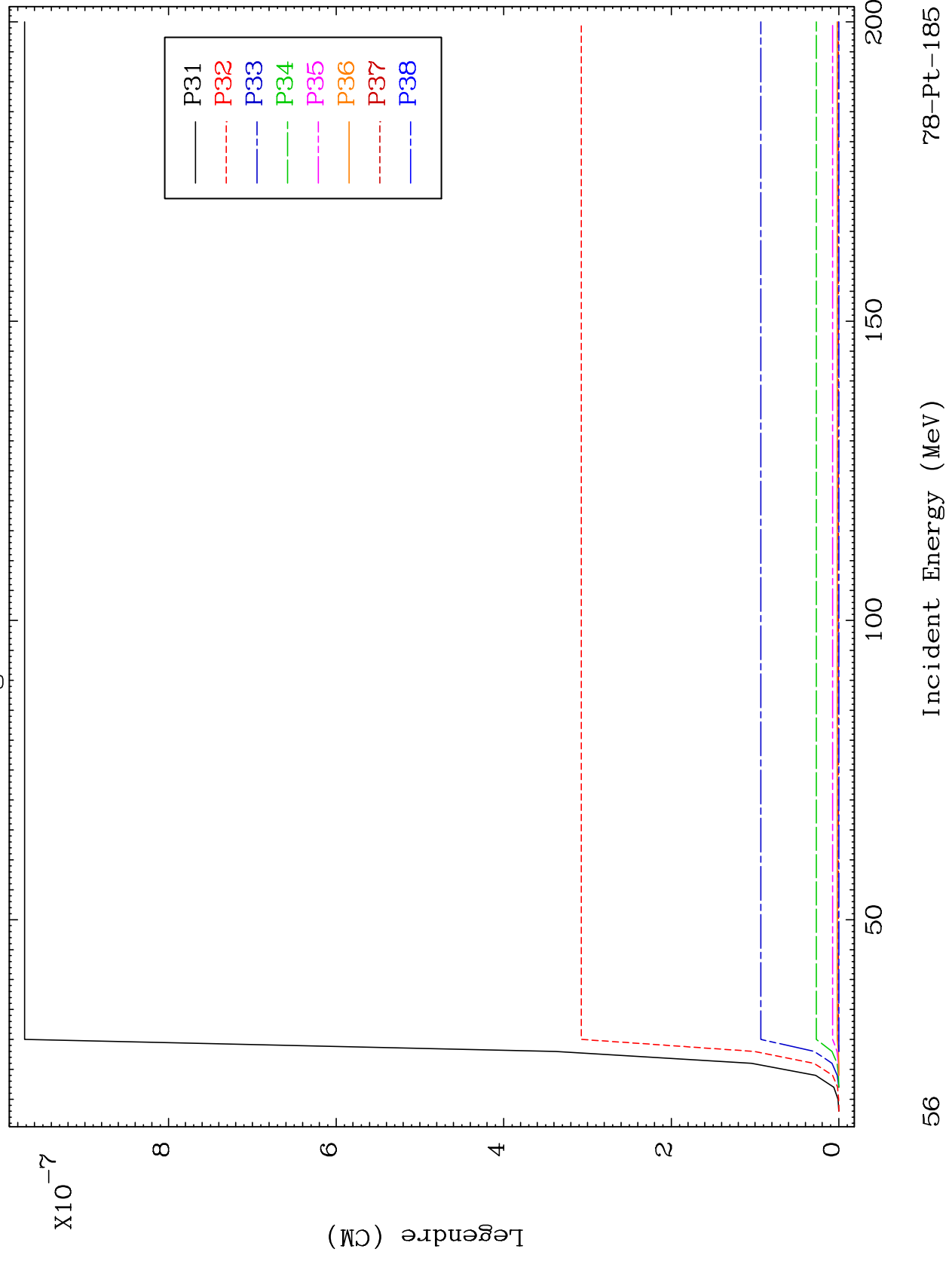
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

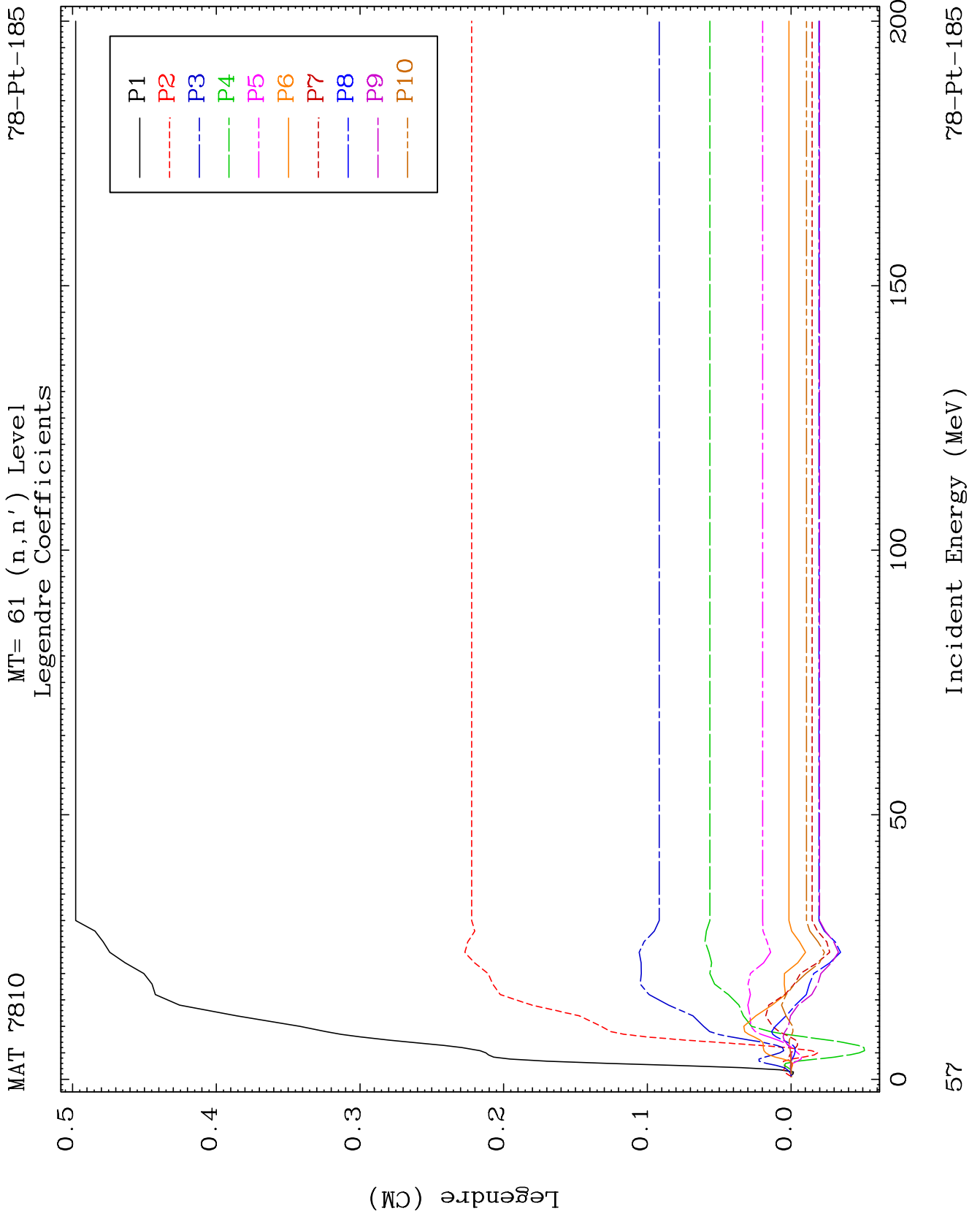
78-Pt-185

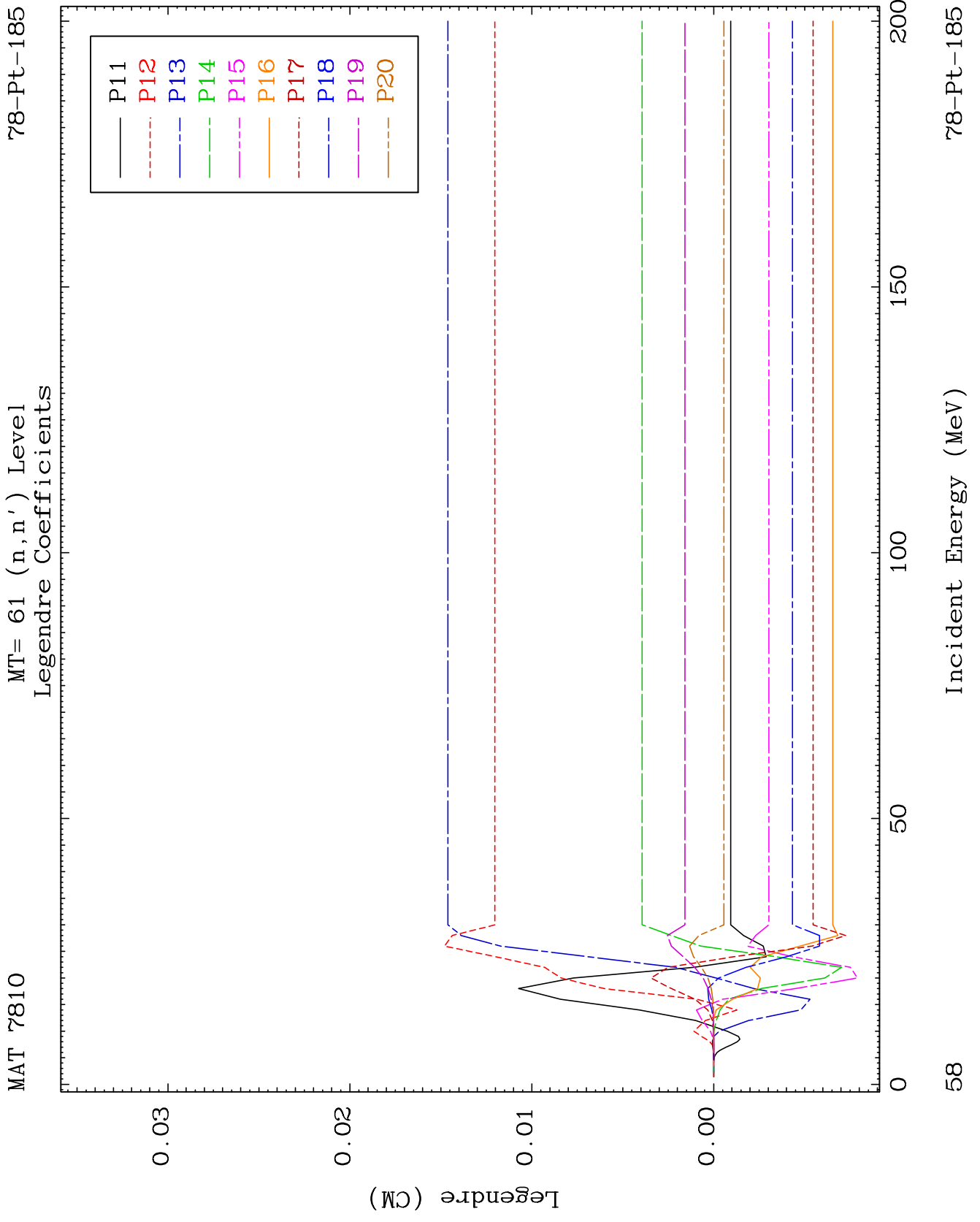


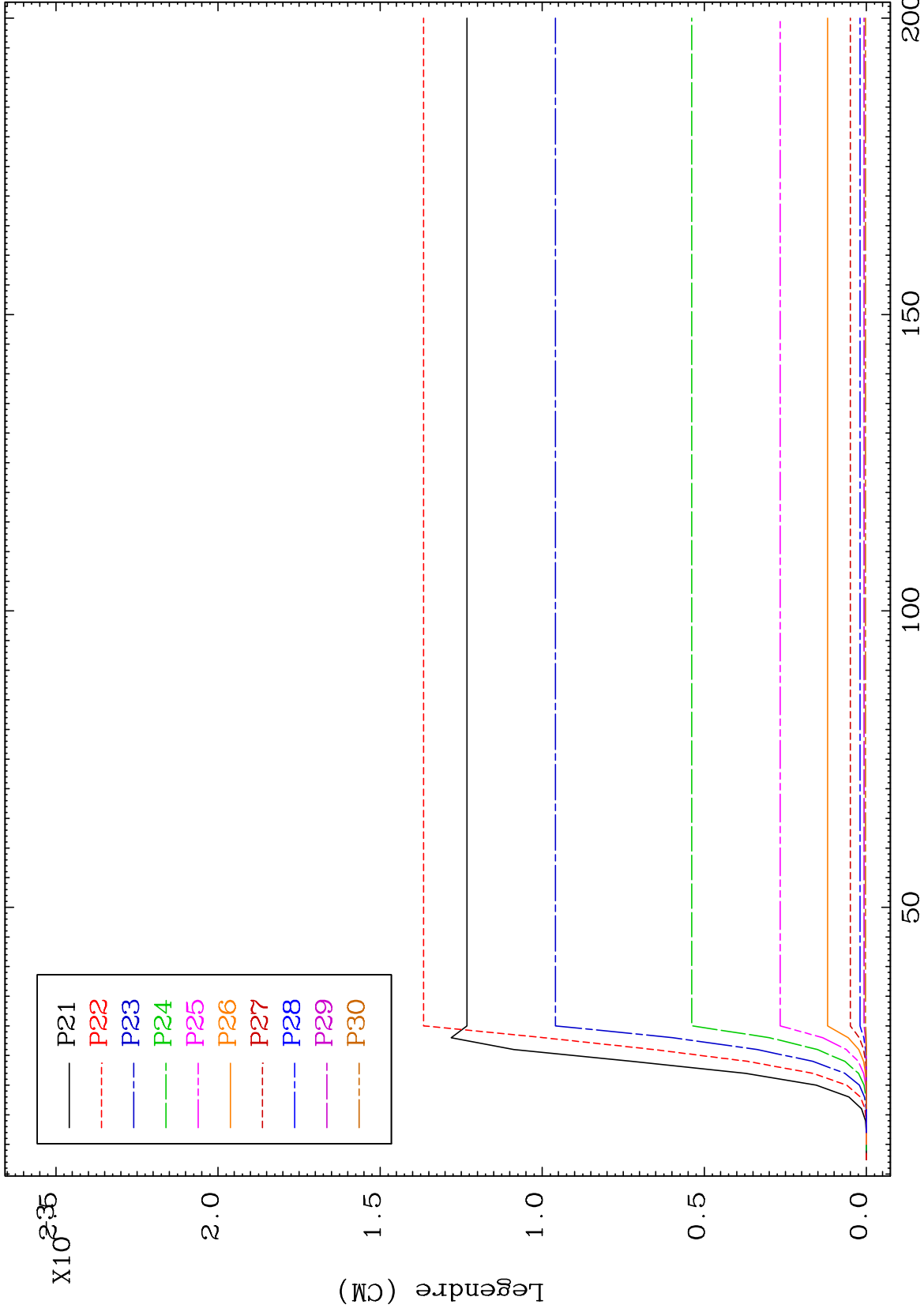
56

Incident Energy (MeV)

78-Pt-185



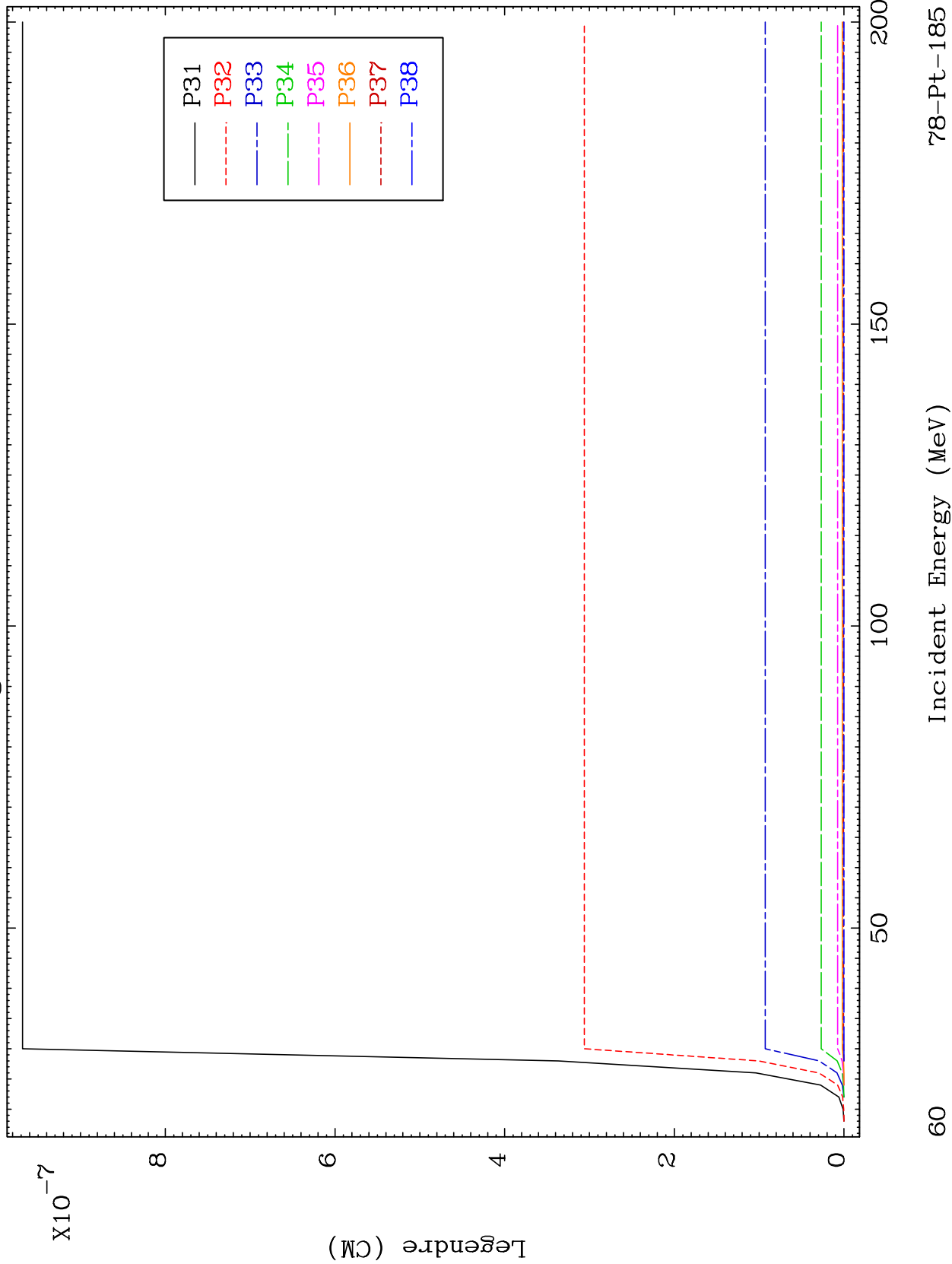




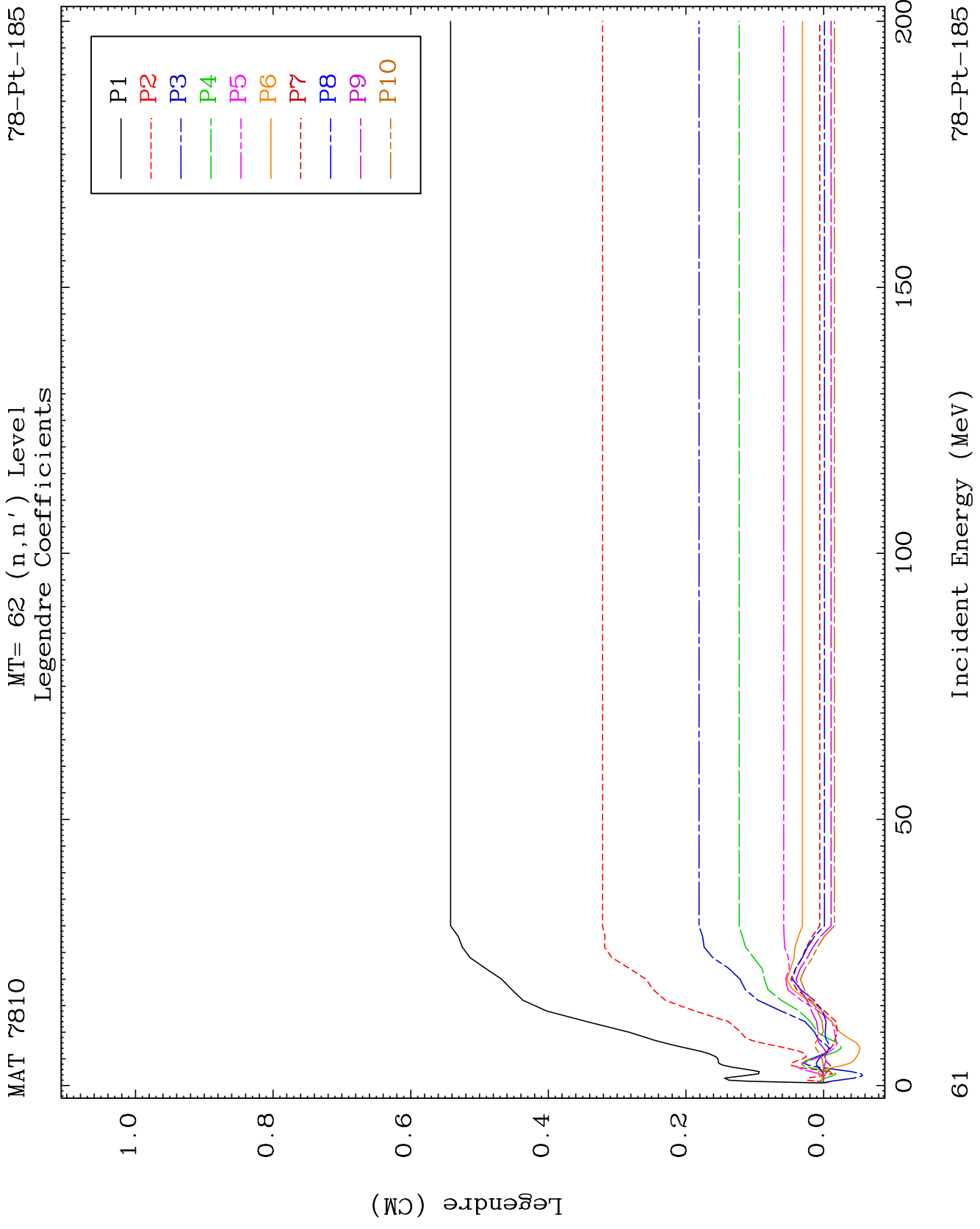
MAT 7810

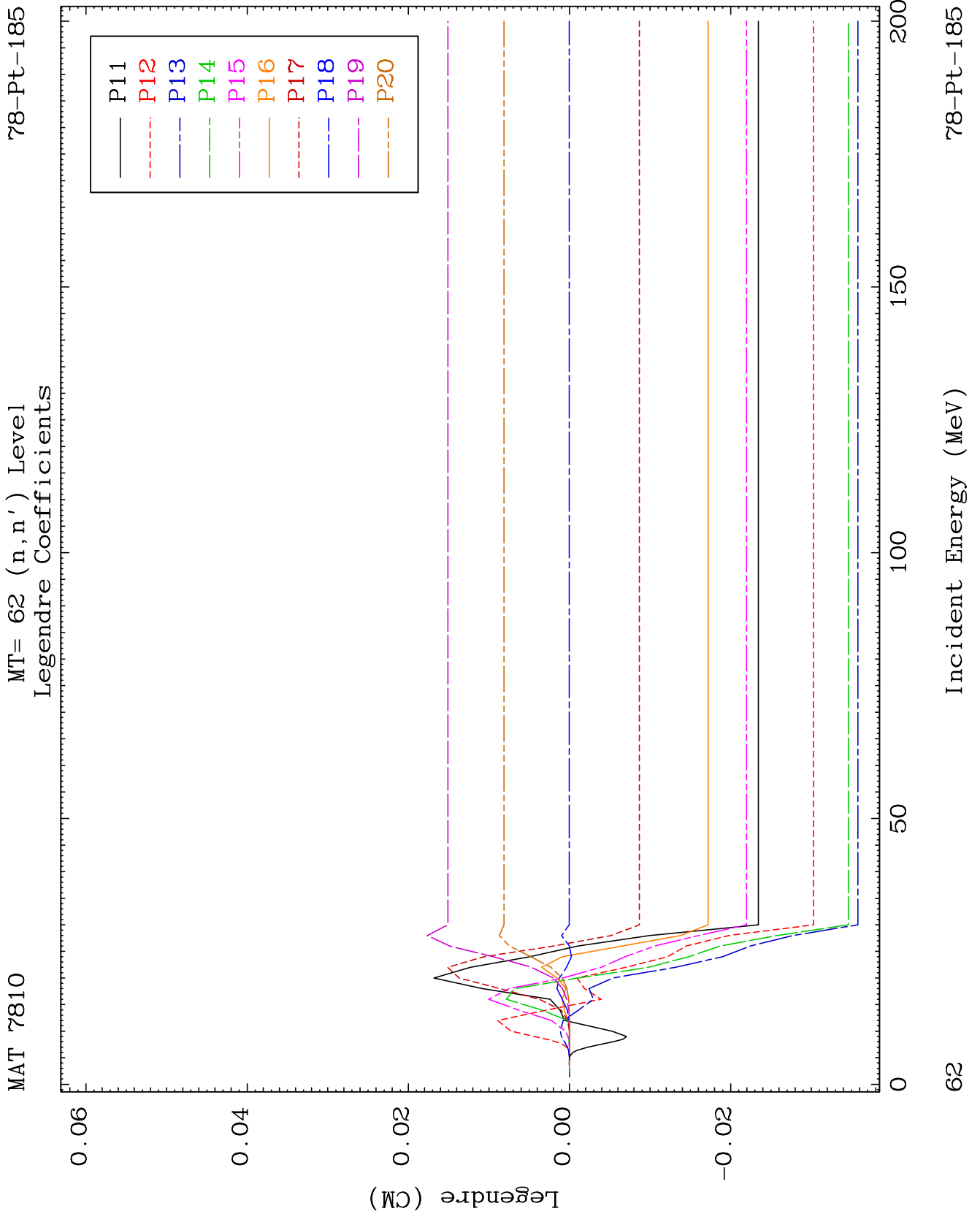
MT= 61 (n,n') Level
Legendre Coefficients

78-Pt-185



78-Pt-185

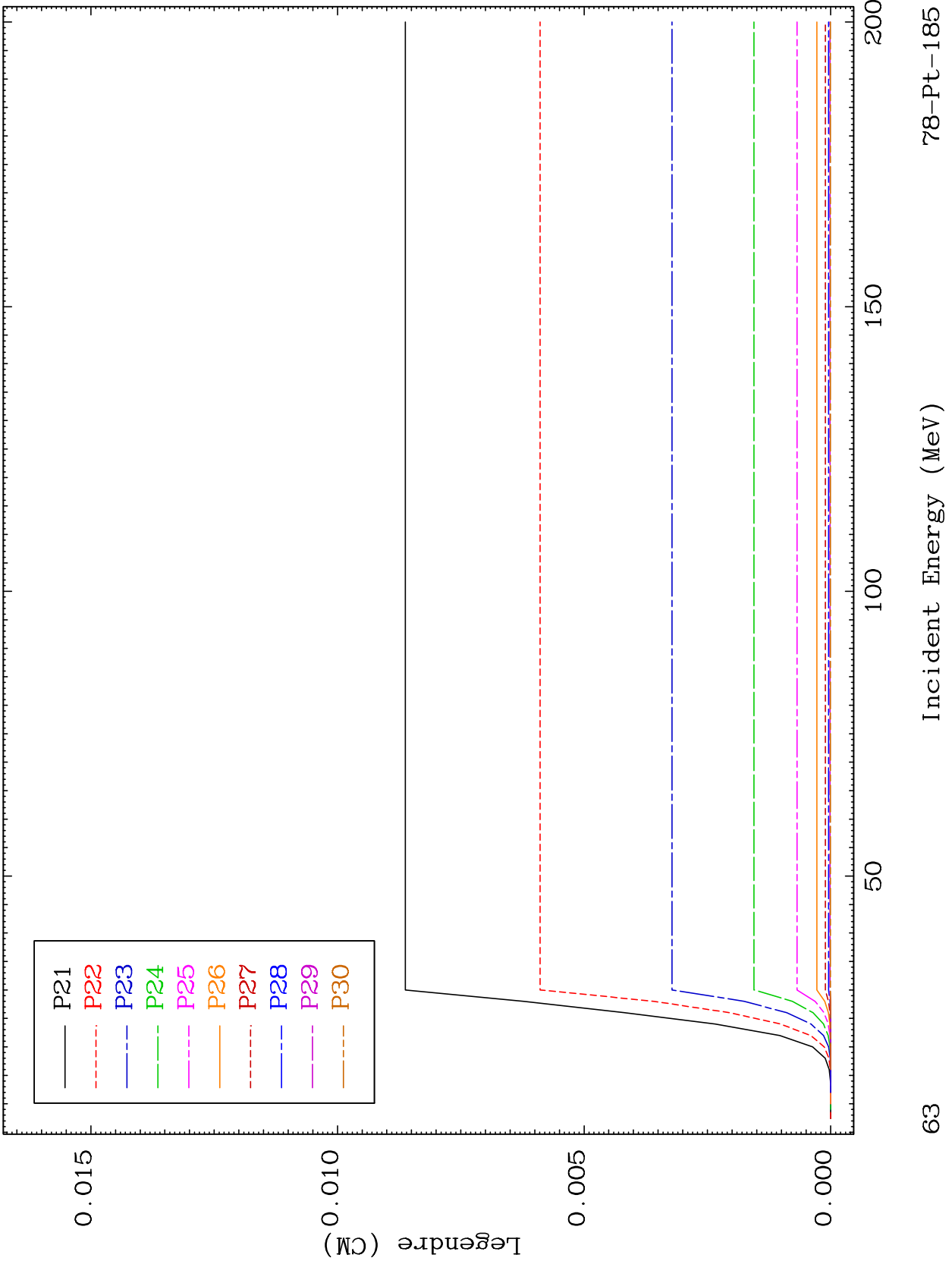


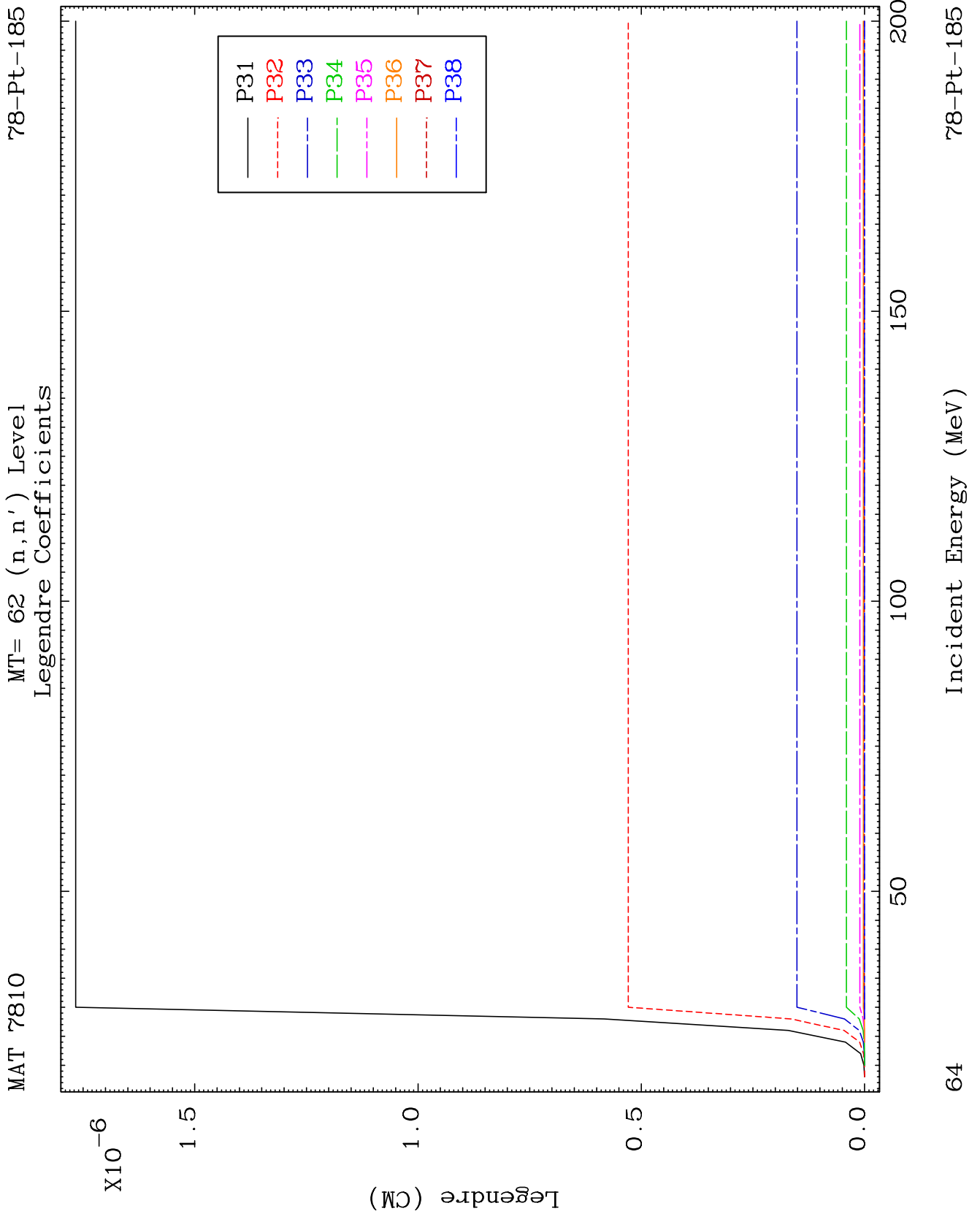


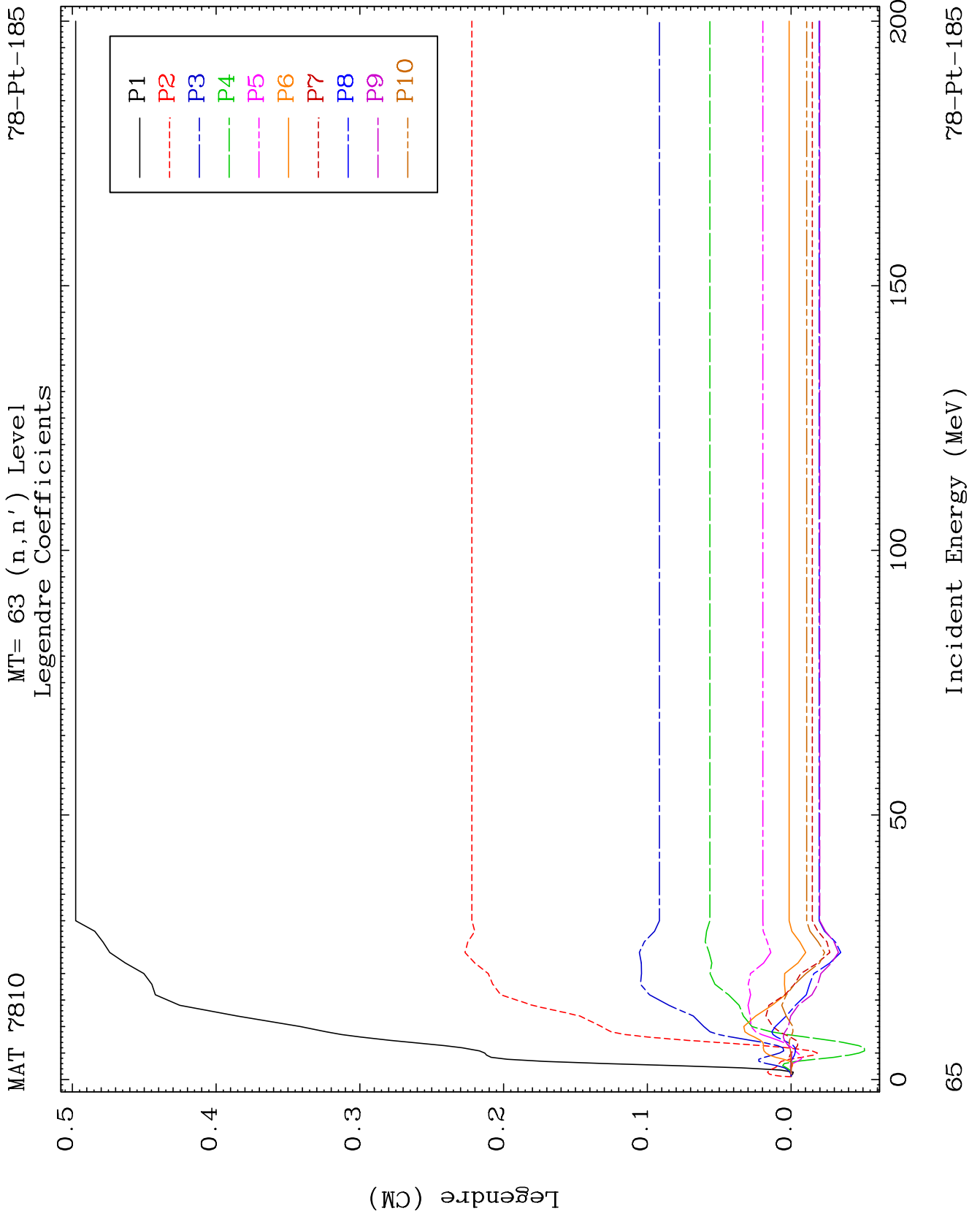
MAT 7810

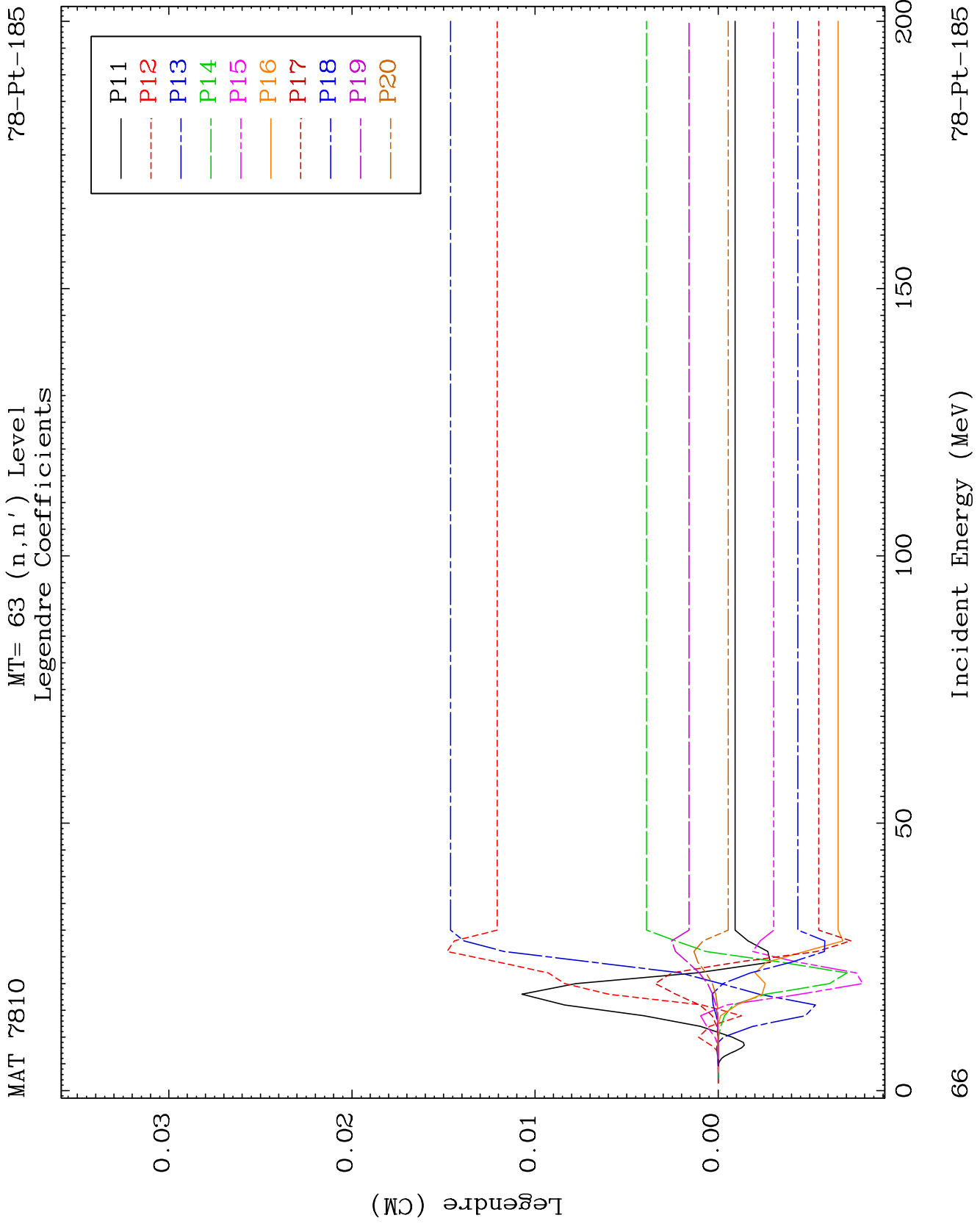
MT= 62 (n,n') Level
Legendre Coefficients

78-Pt-185





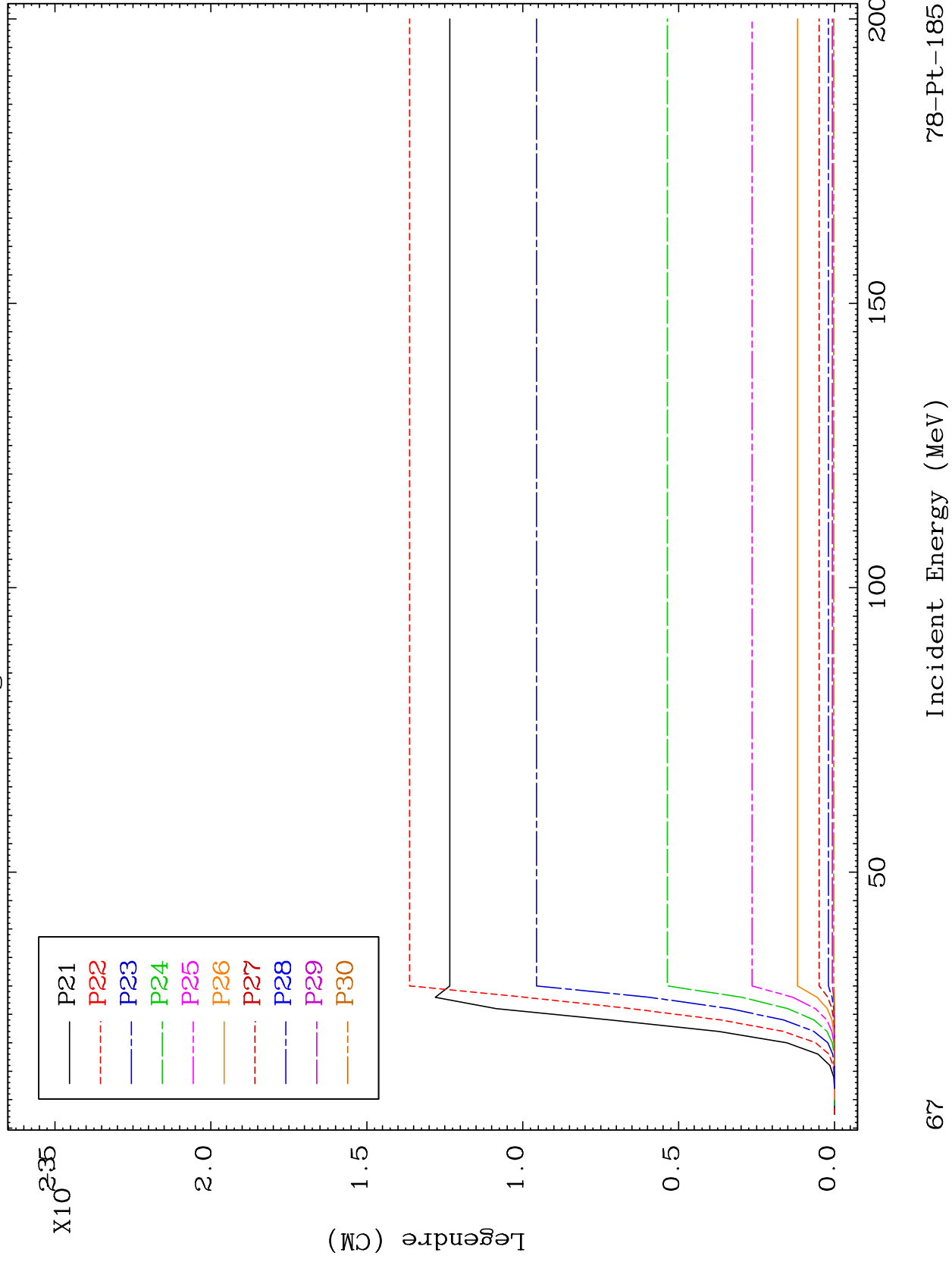




MAT 7810

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

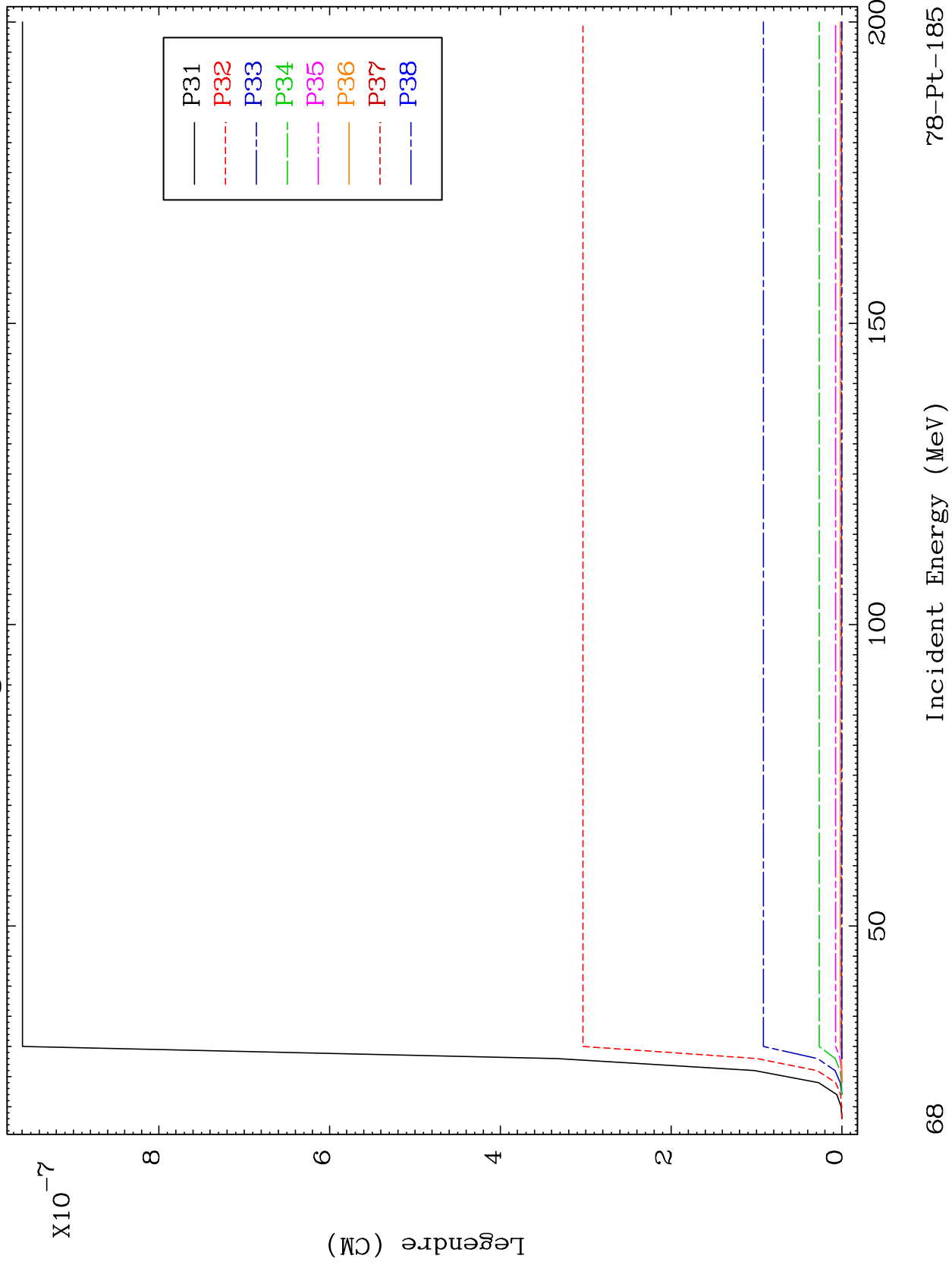
78-Pt-185



MAT 7810

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

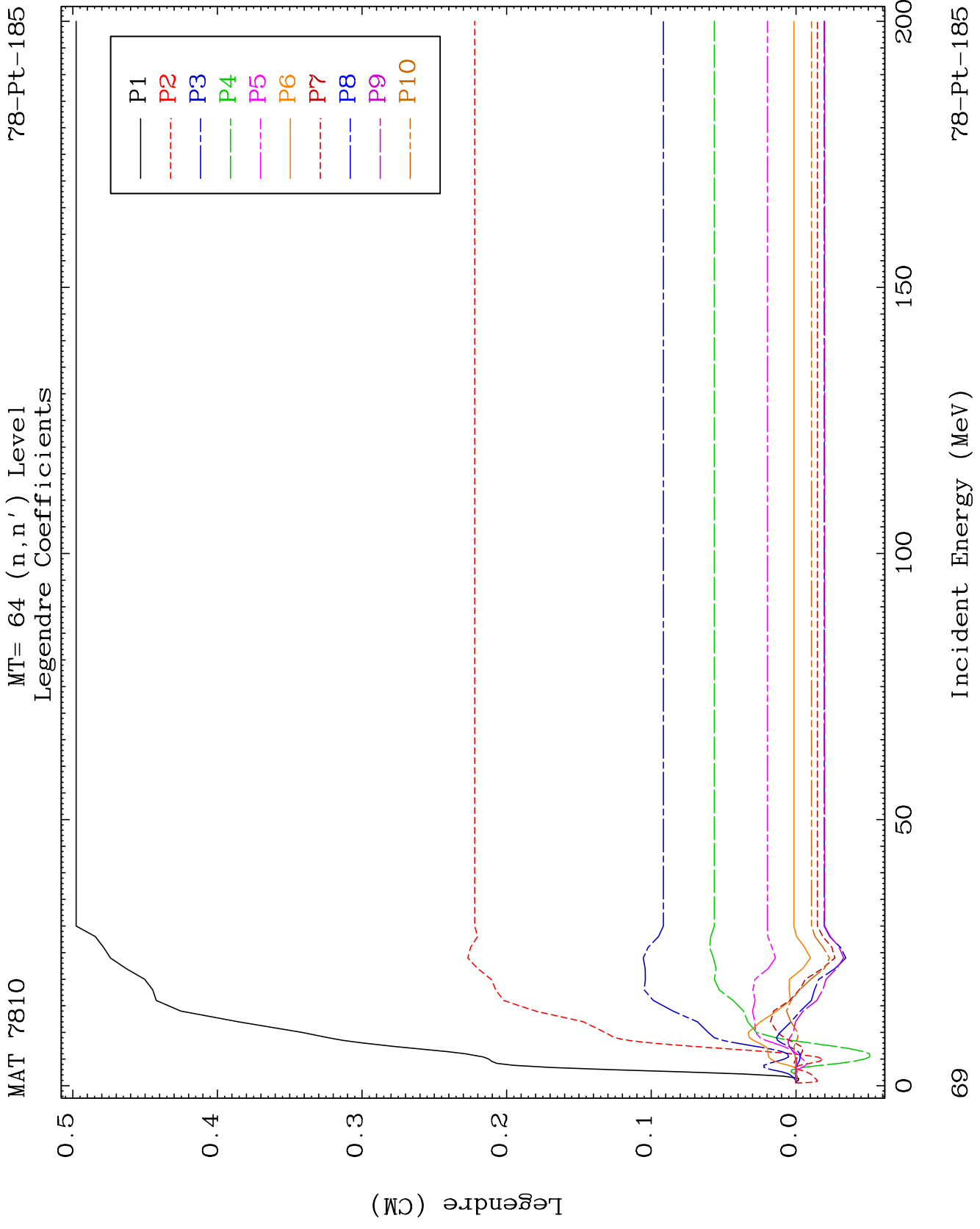
78-Pt-185

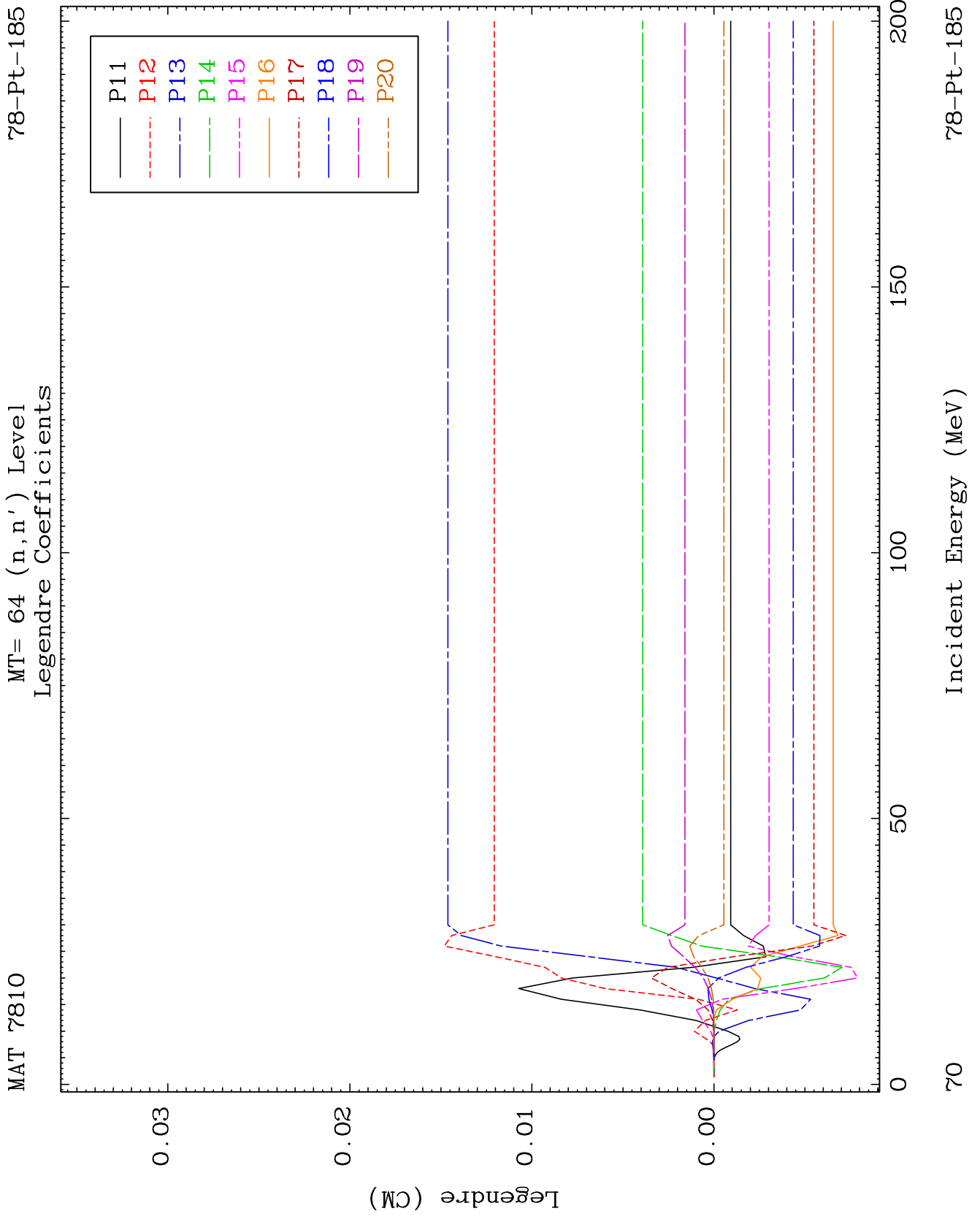


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Incident Energy (MeV)

78-Pt-185

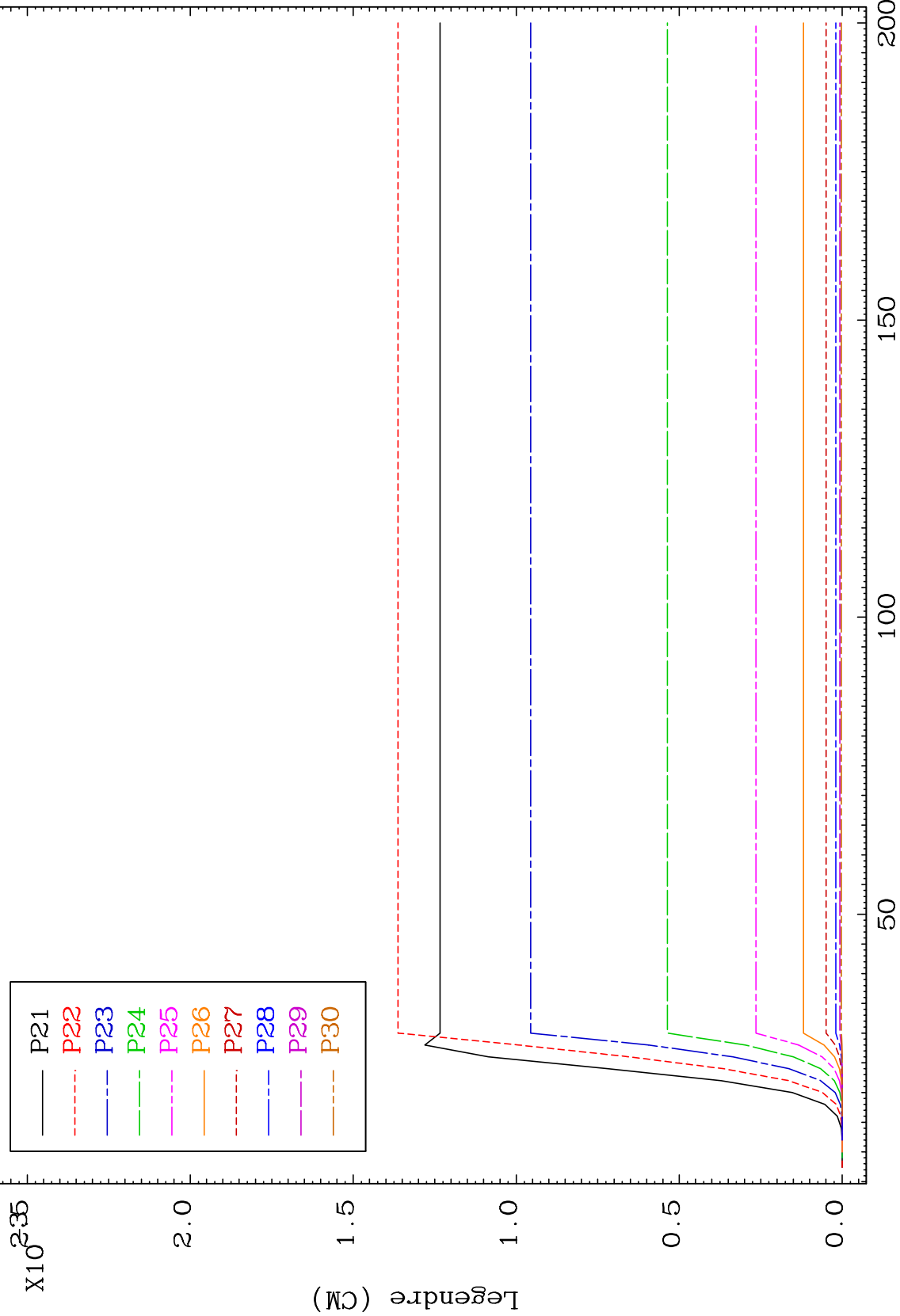
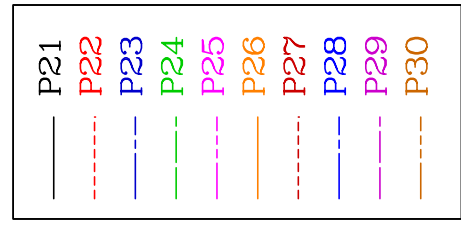




MAT 7810

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

78-Pt-185



71

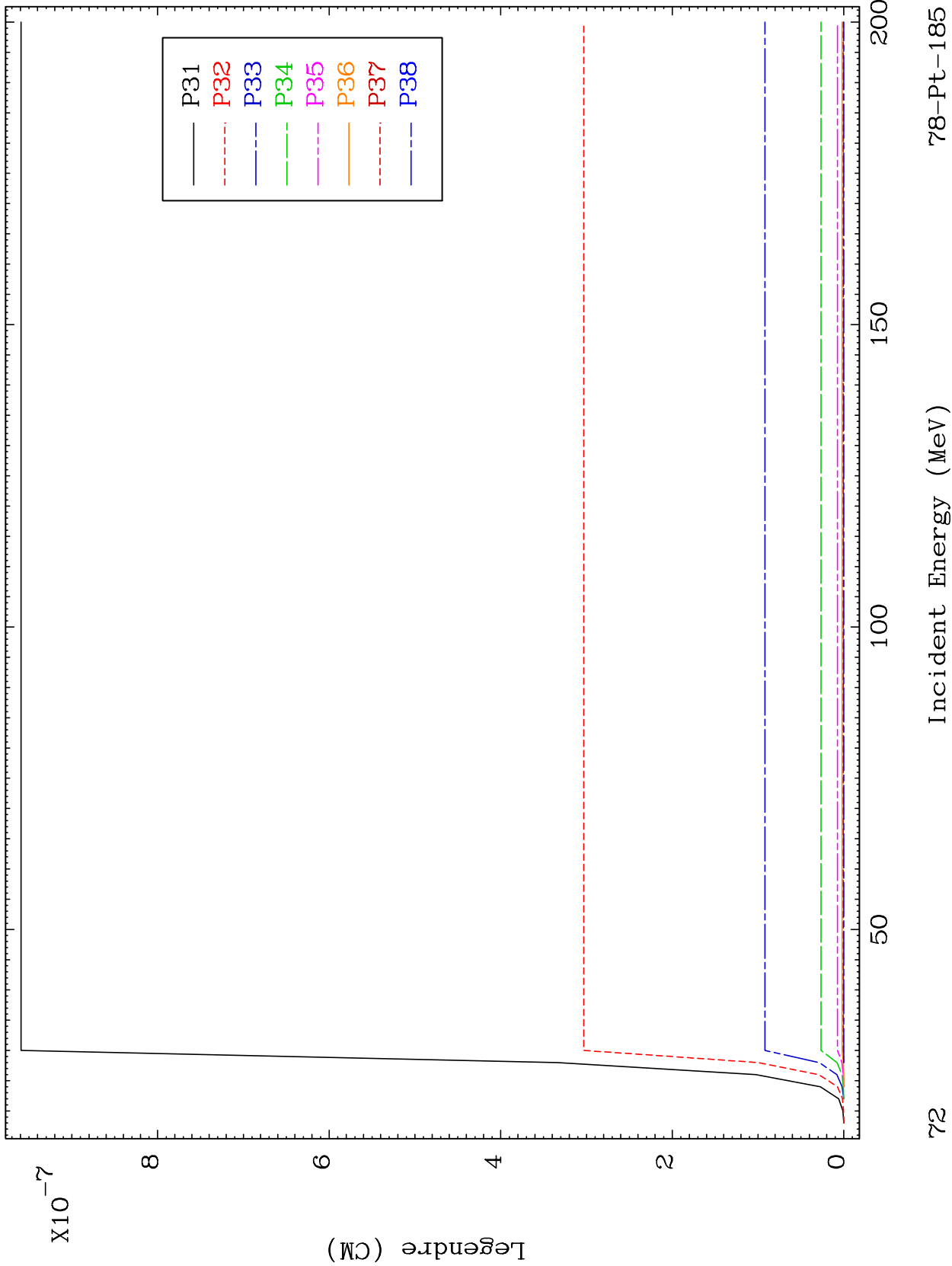
Incident Energy (MeV)

78-Pt-185

MAT 7810

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

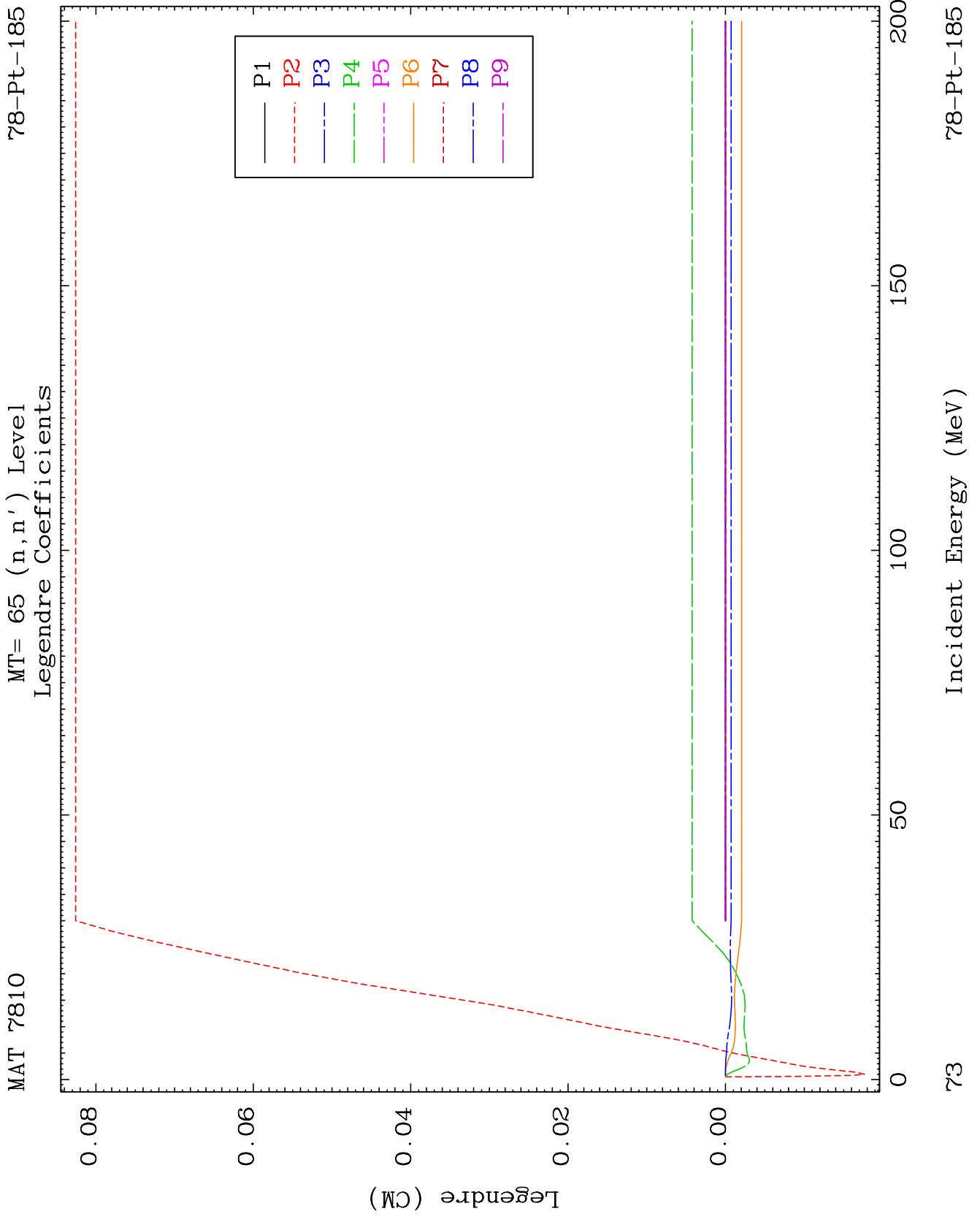
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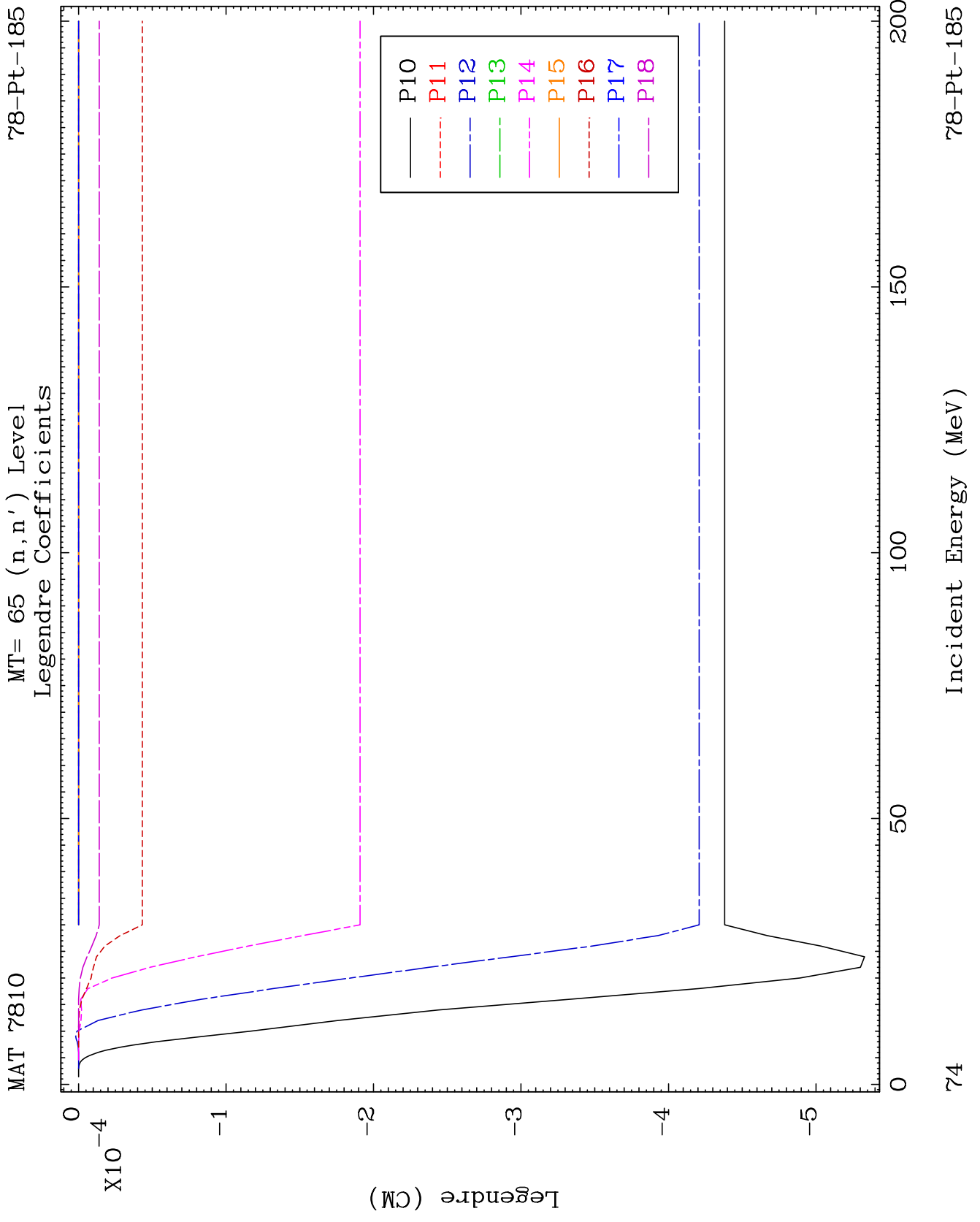


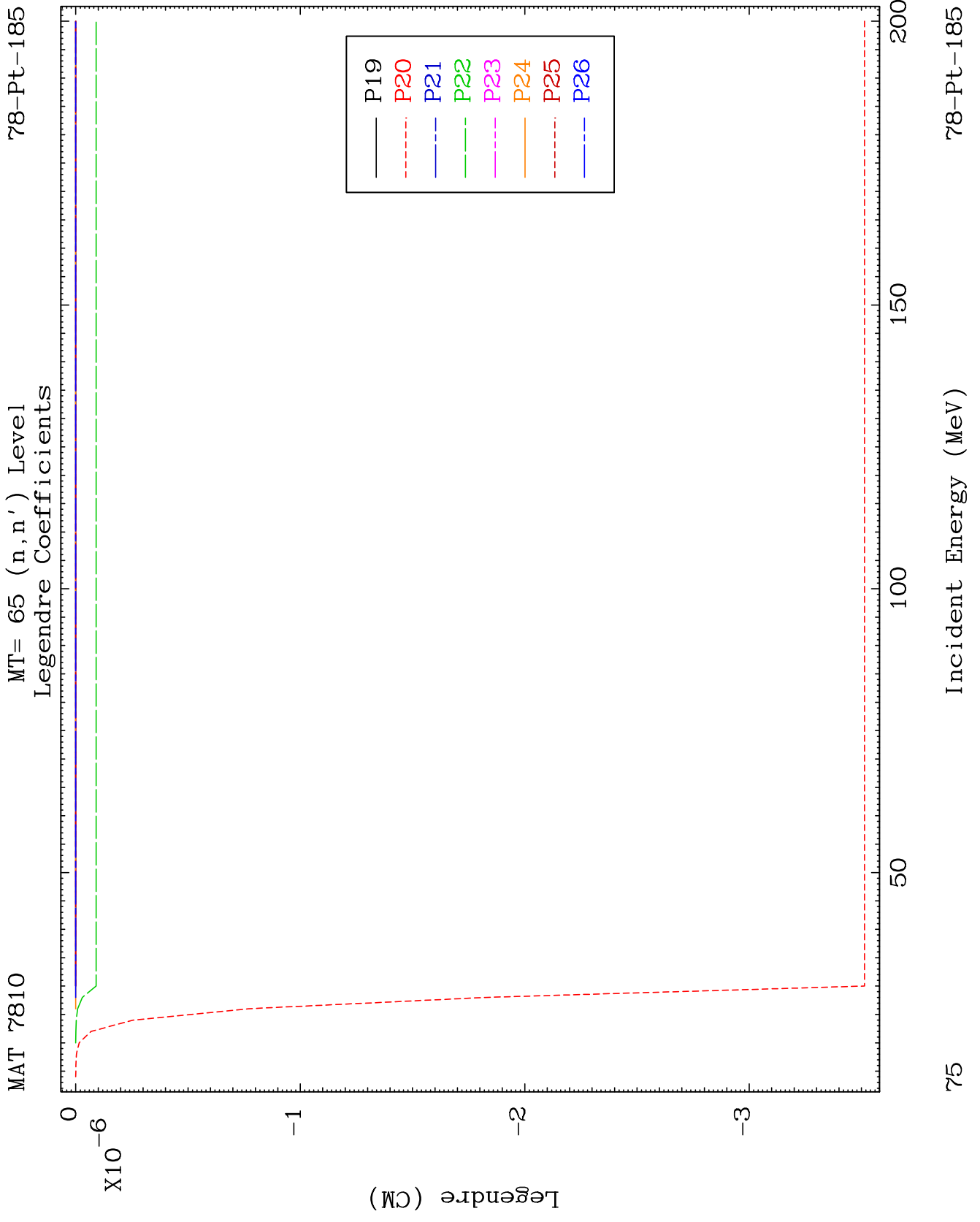
72

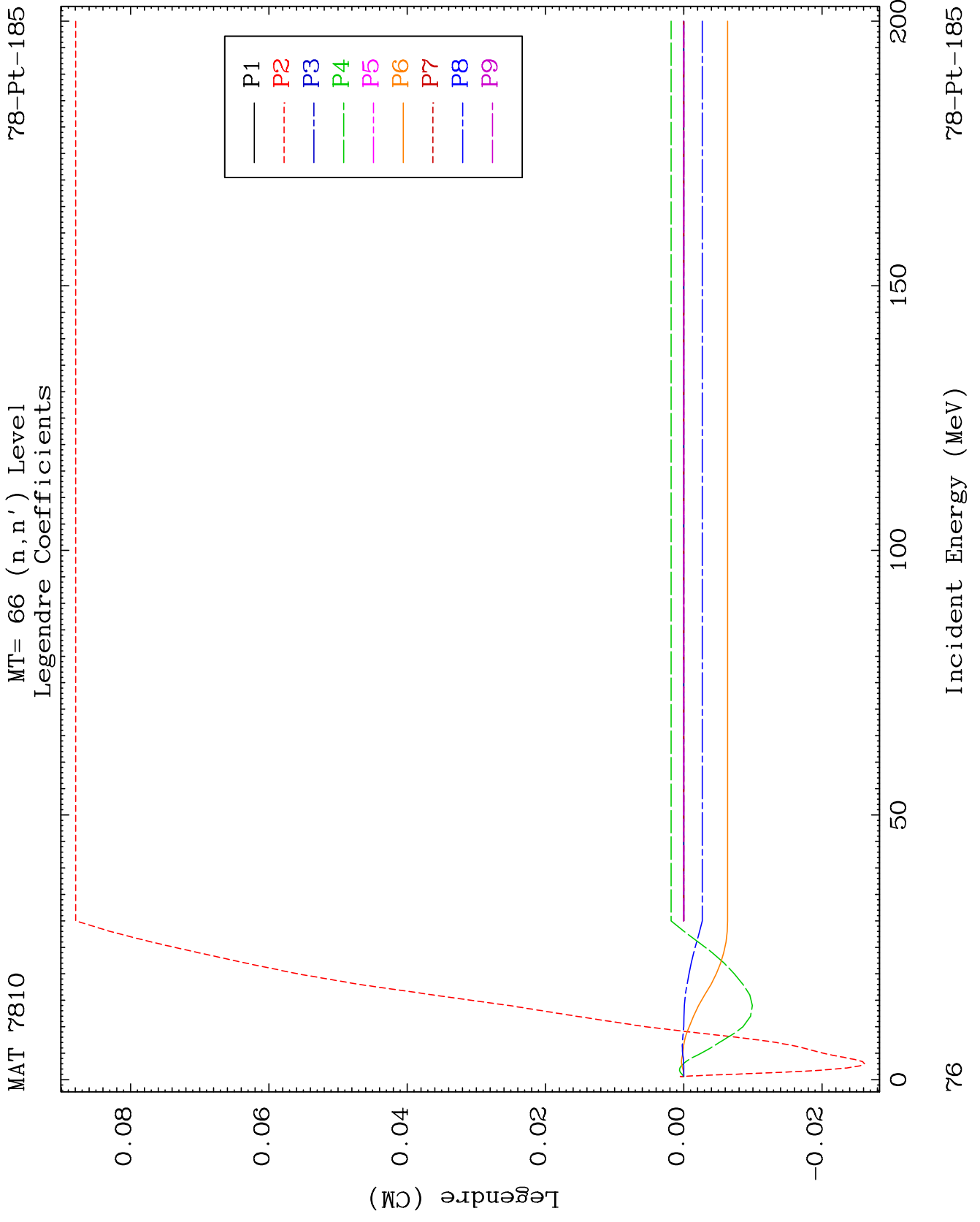
Incident Energy (MeV)

78-Pt-185





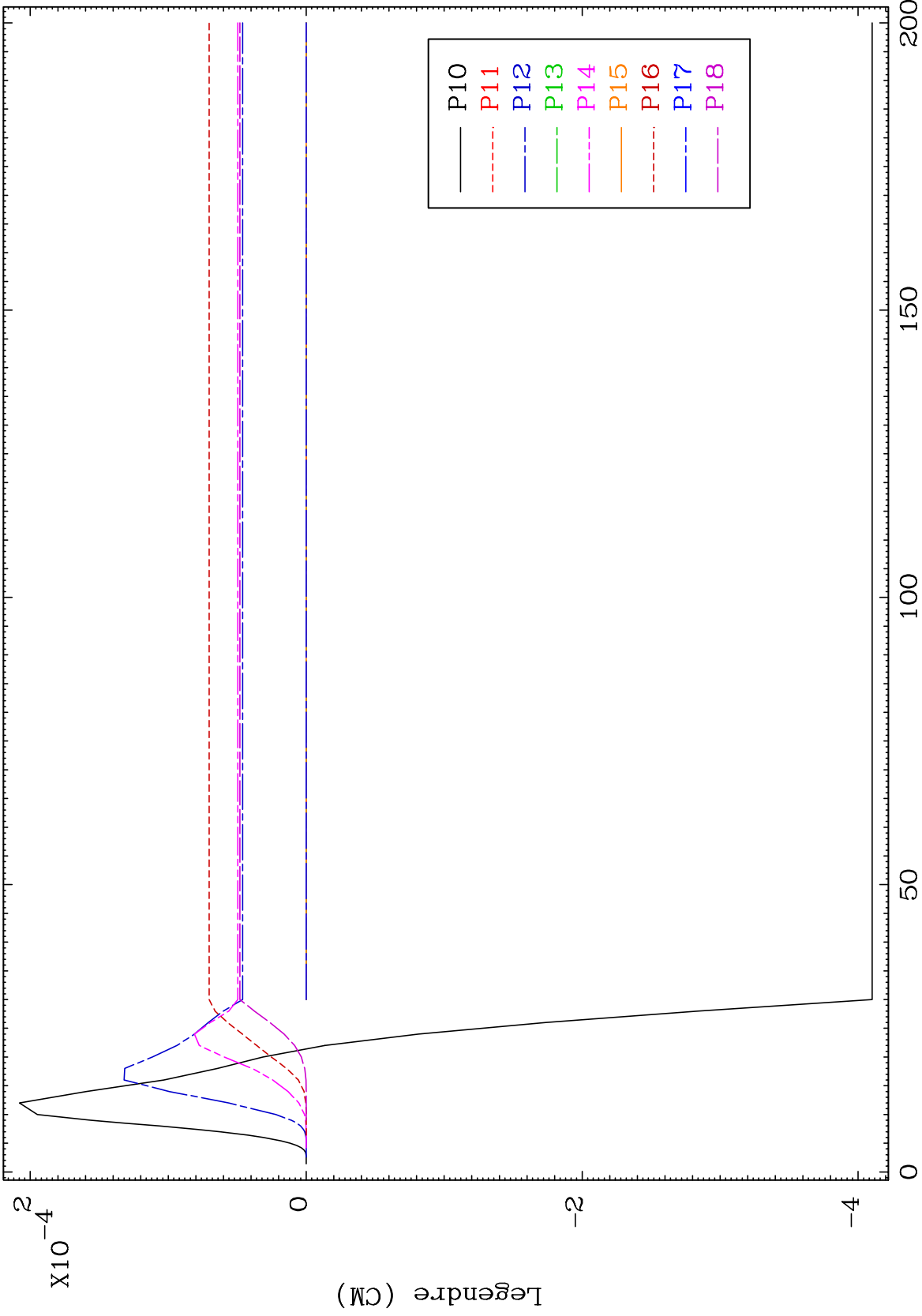




MAT 7810

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

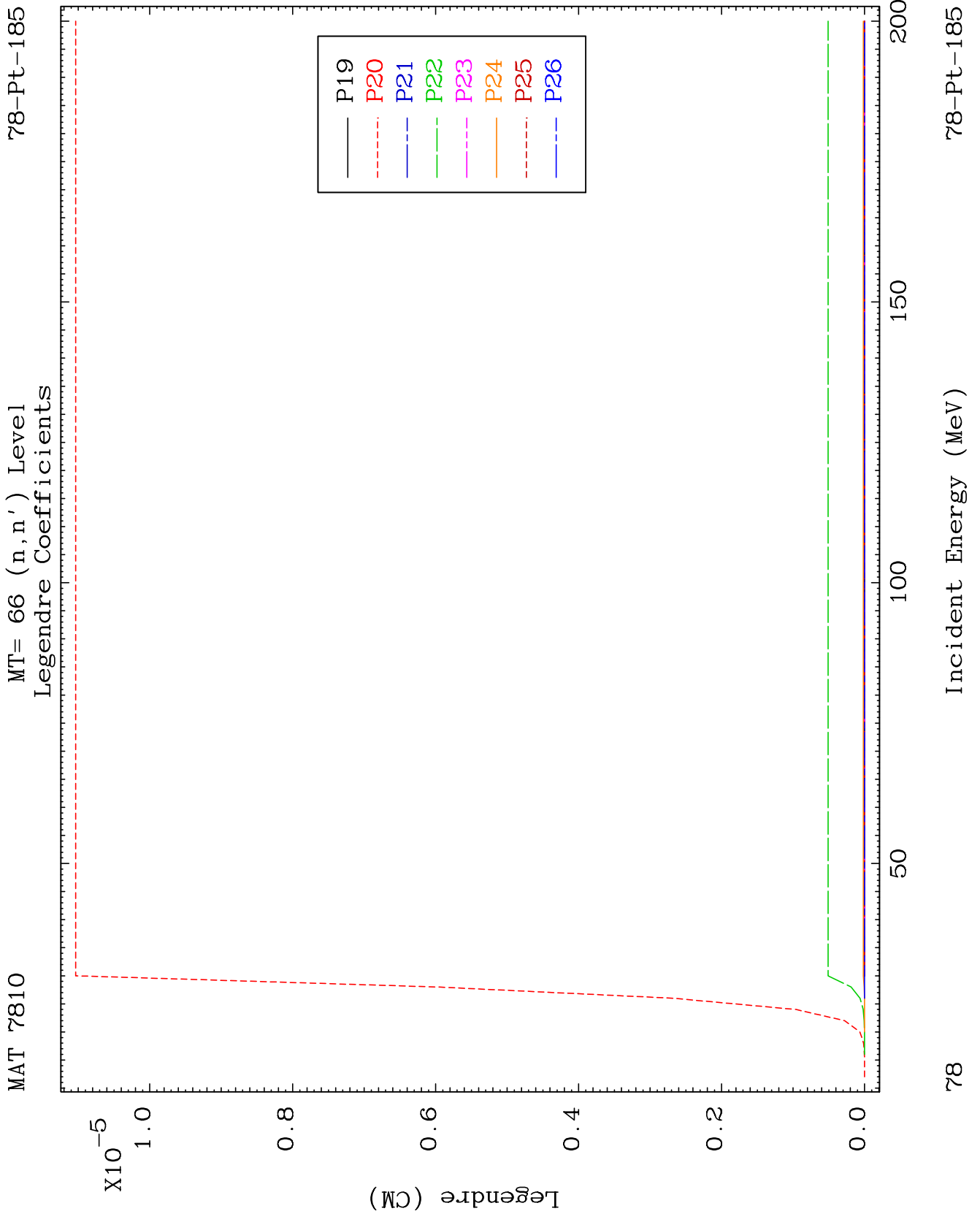
78-Pt-185

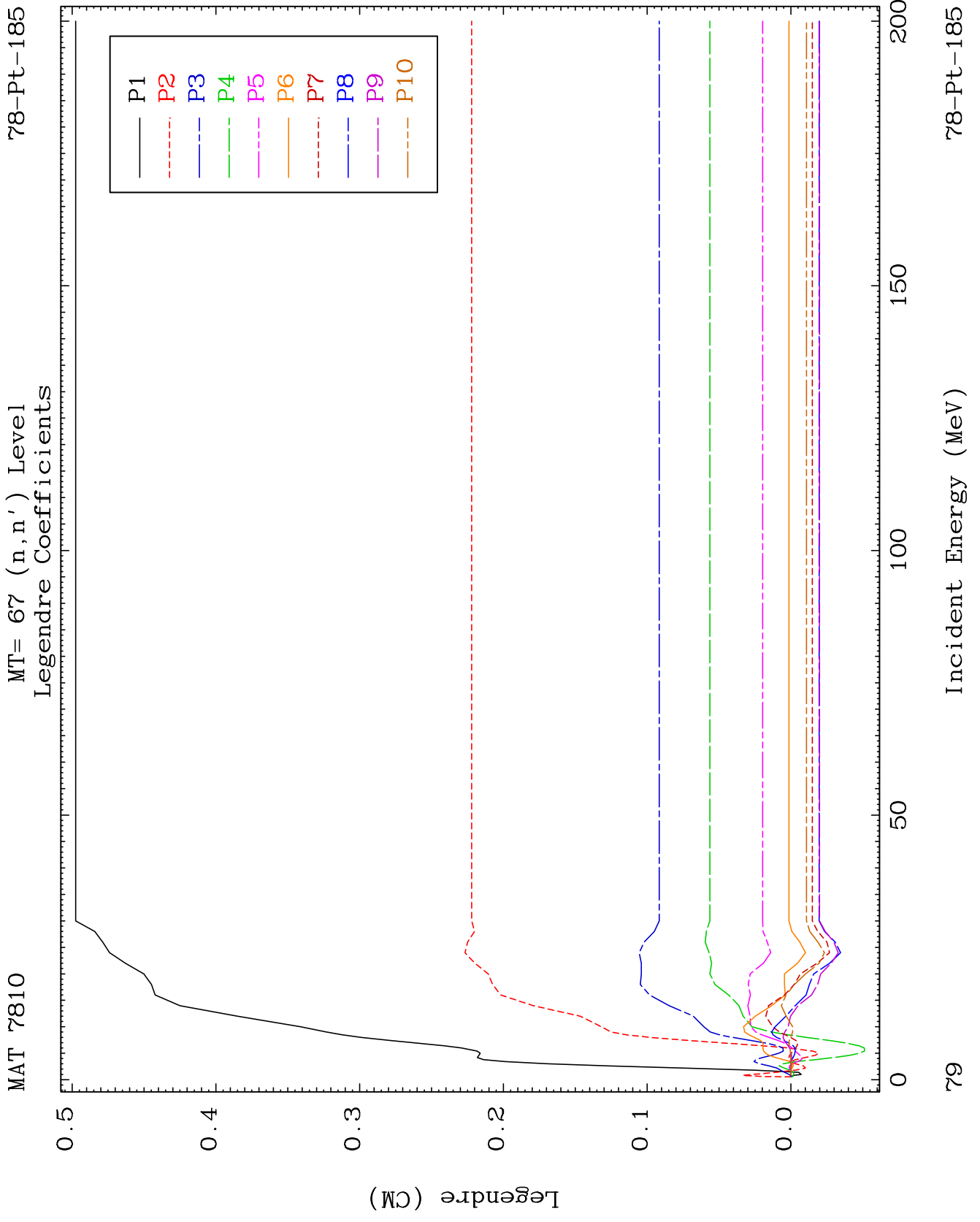


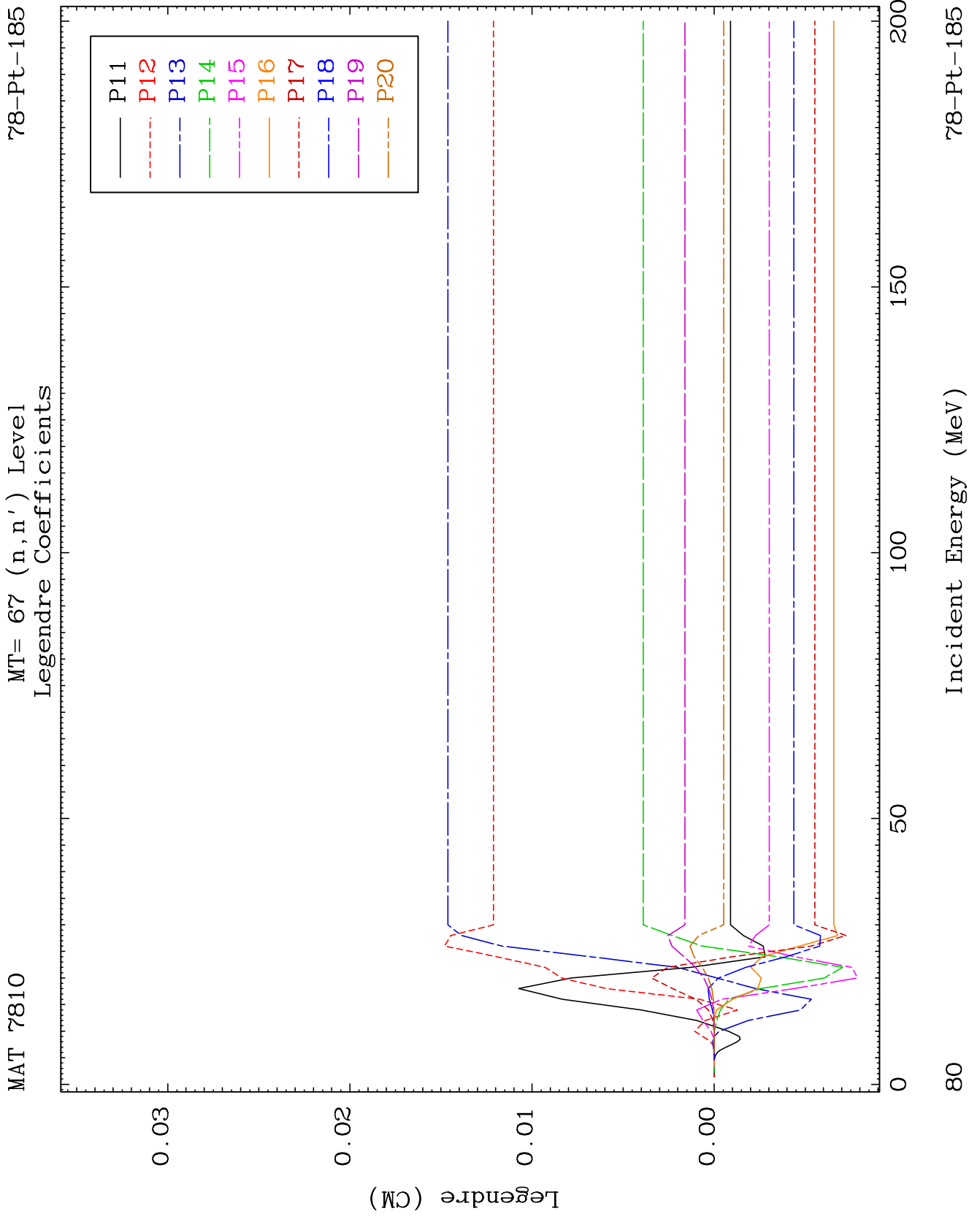
77

Incident Energy (MeV)

78-Pt-185



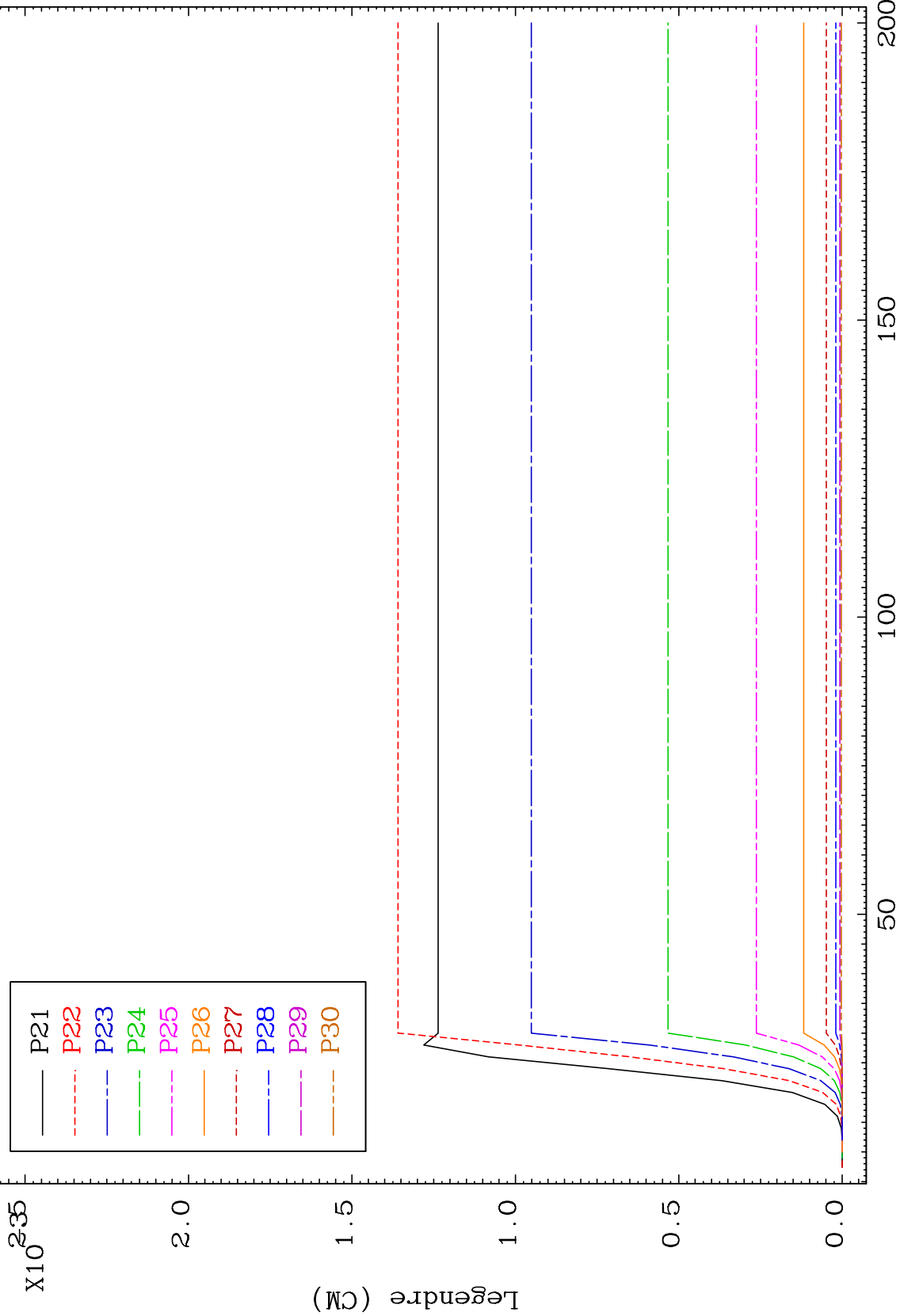
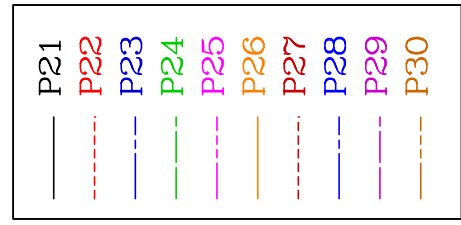




MAT 7810

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

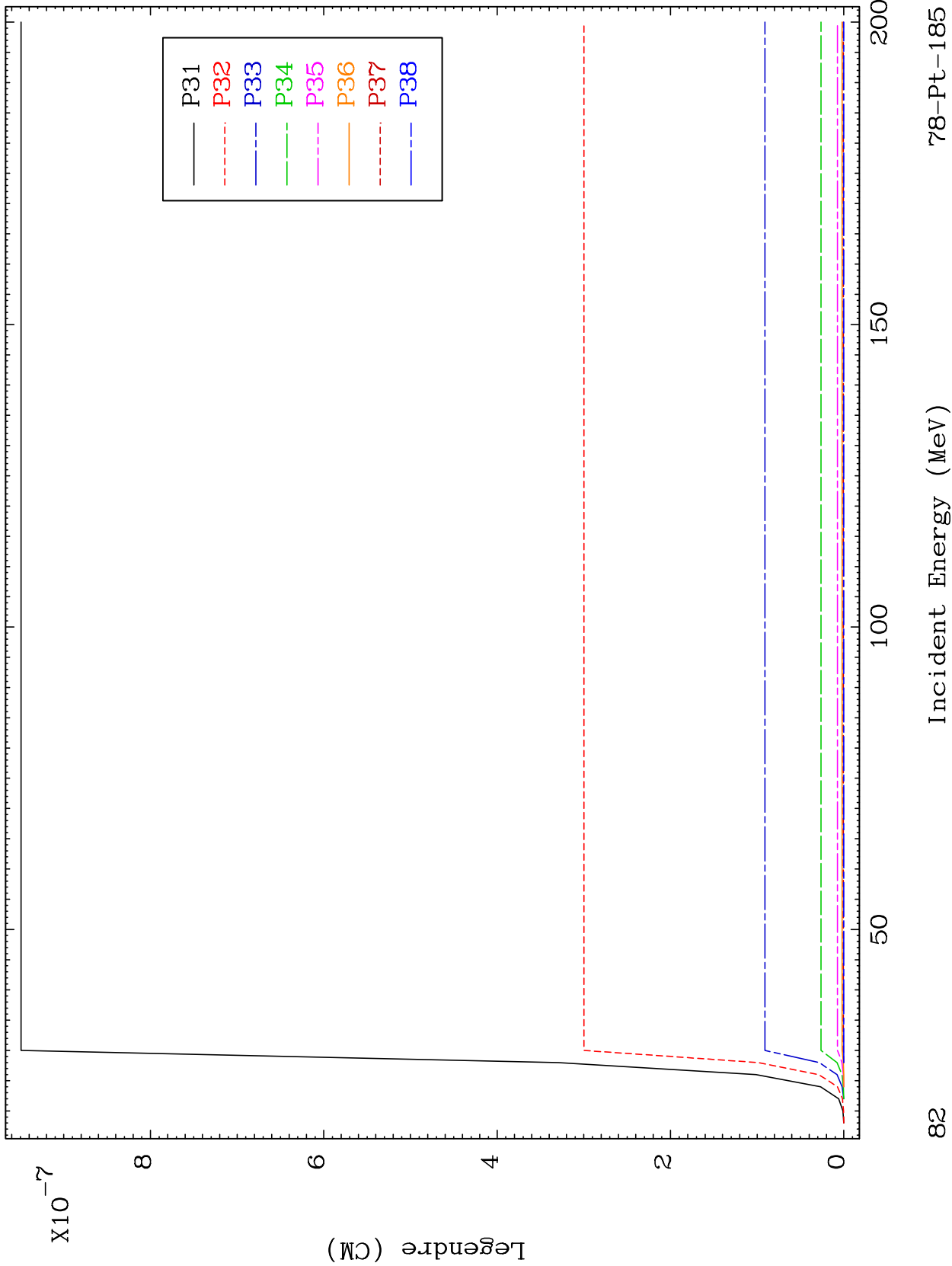
78-Pt-185



MAT 7810

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

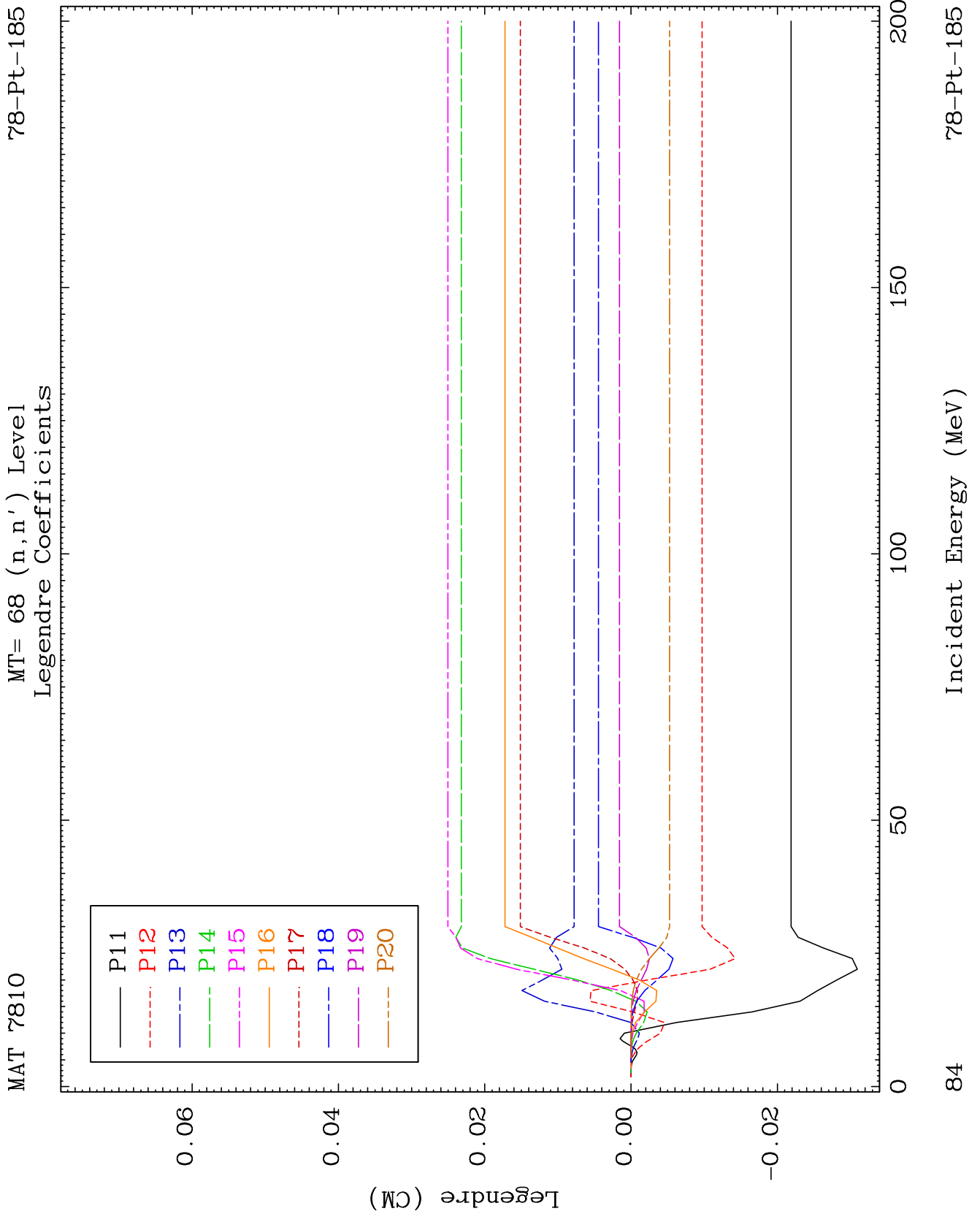
78-Pt-185

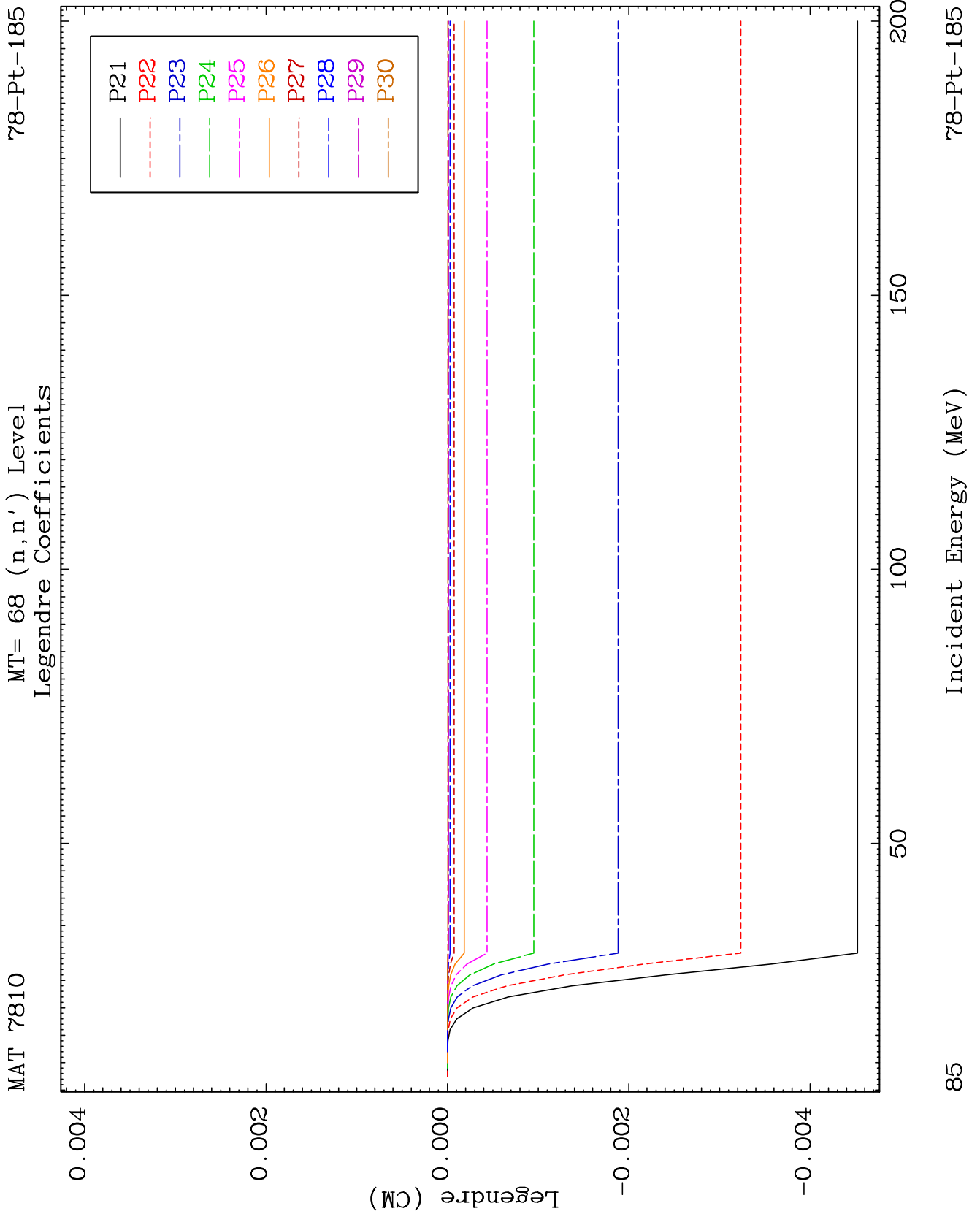


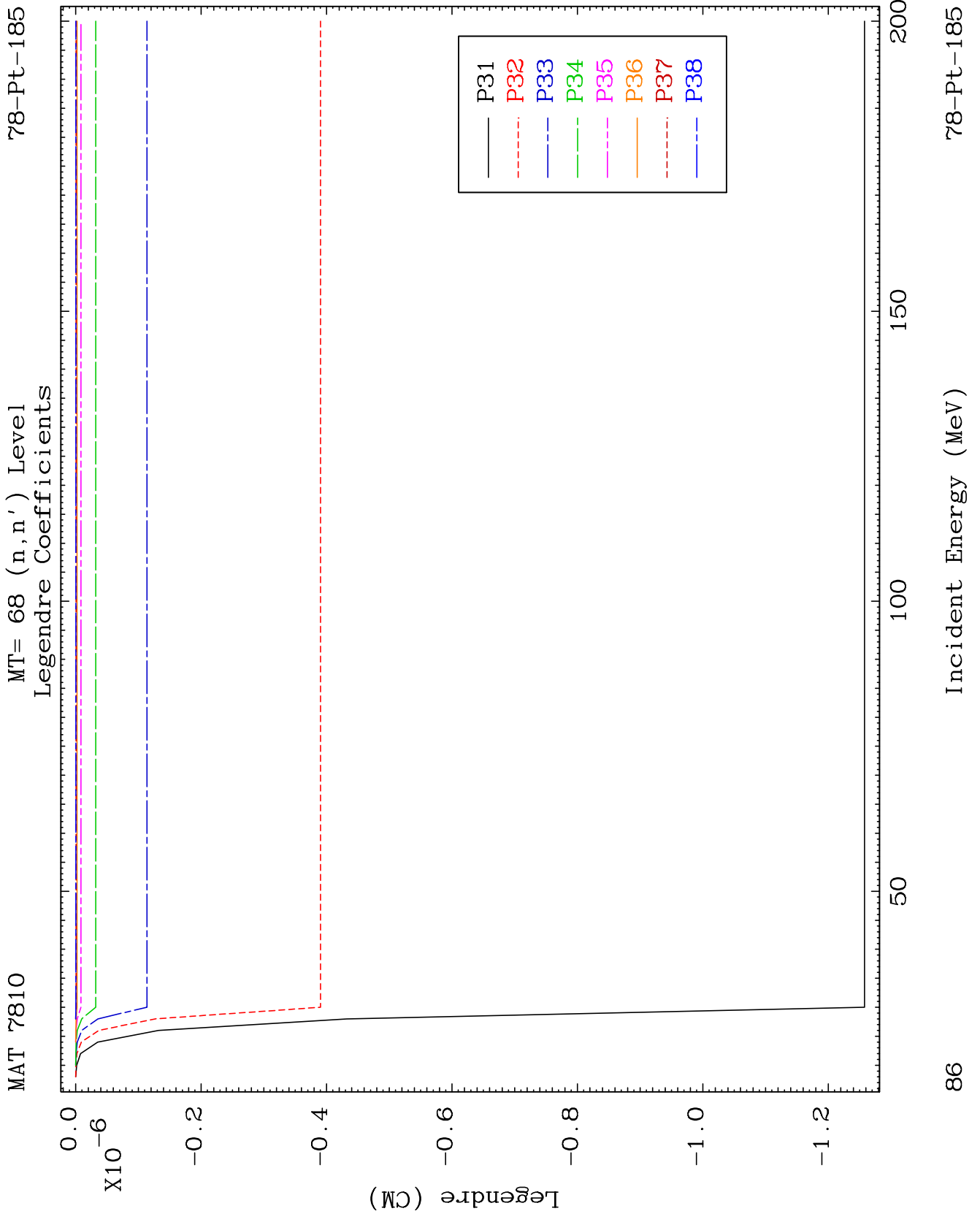
82

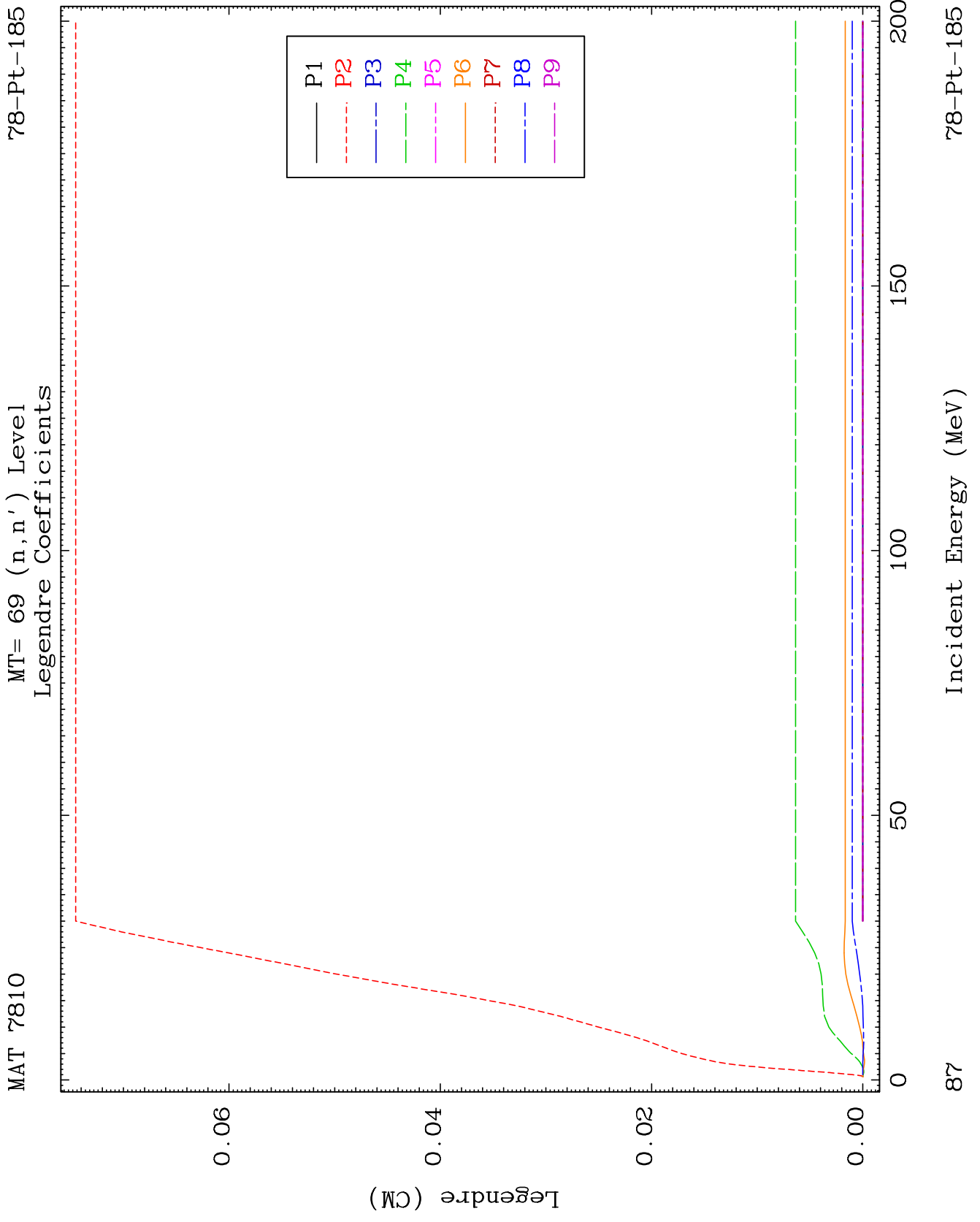
Incident Energy (MeV)

78-Pt-185





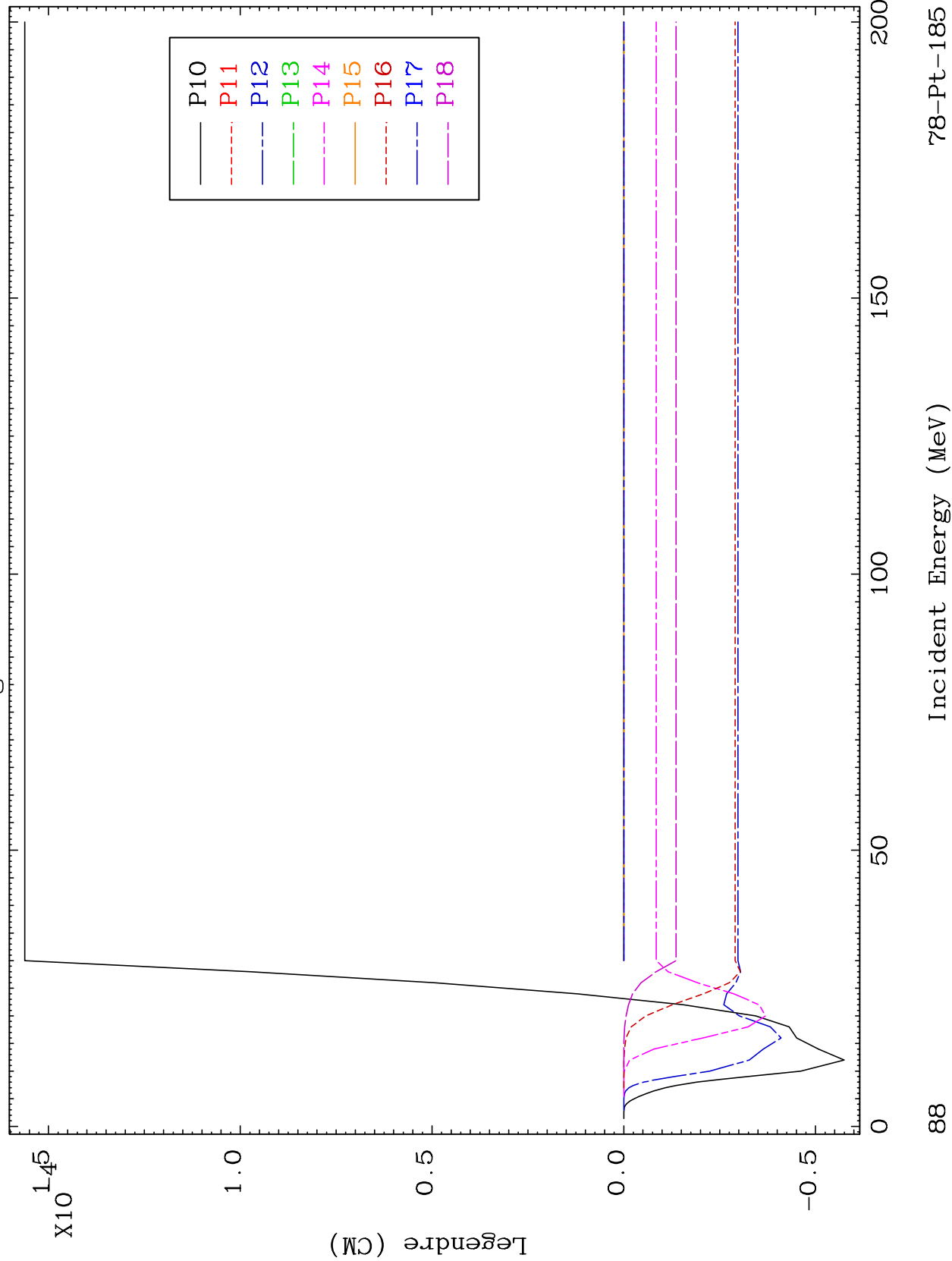




MAT 7810

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

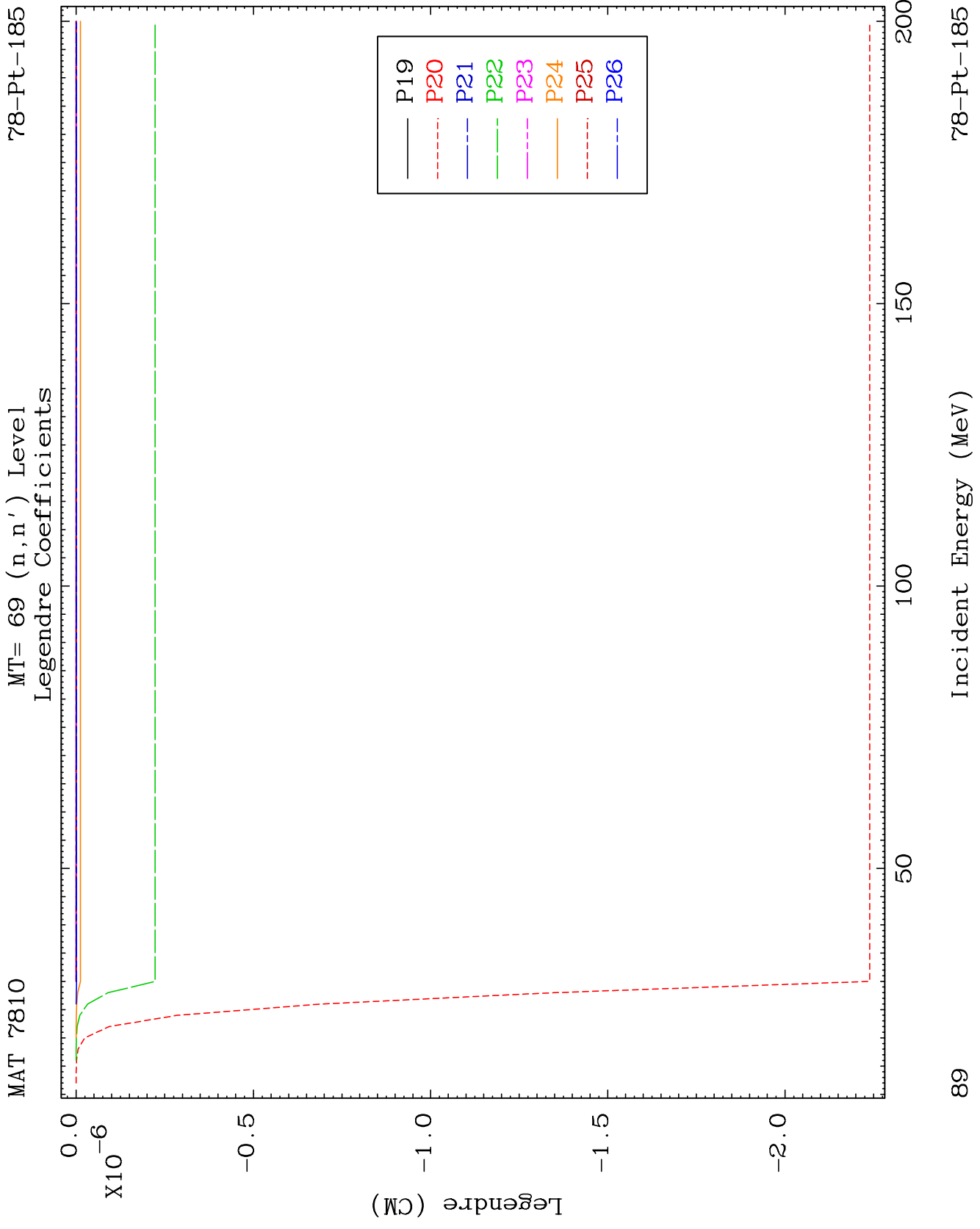
78-Pt-185

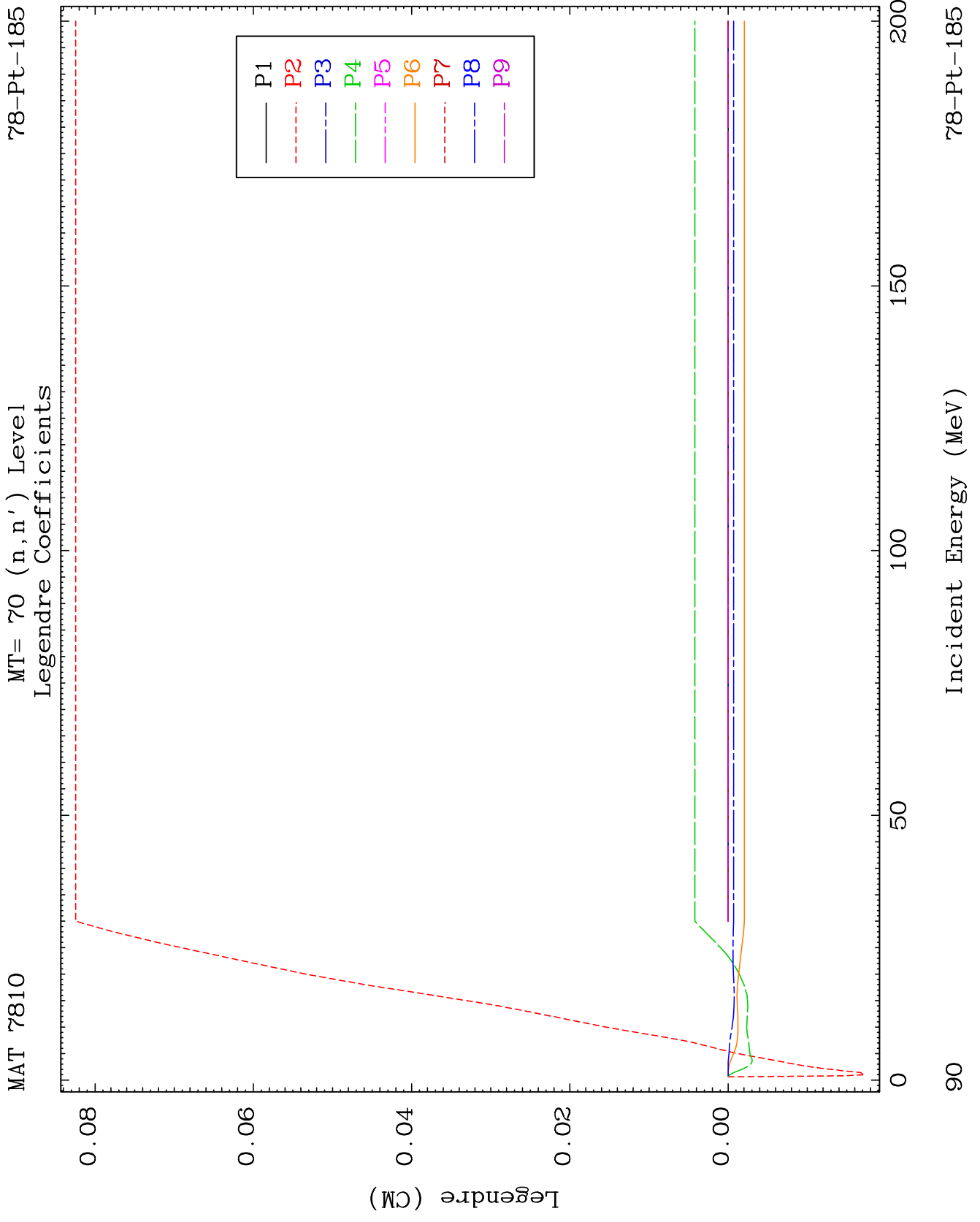


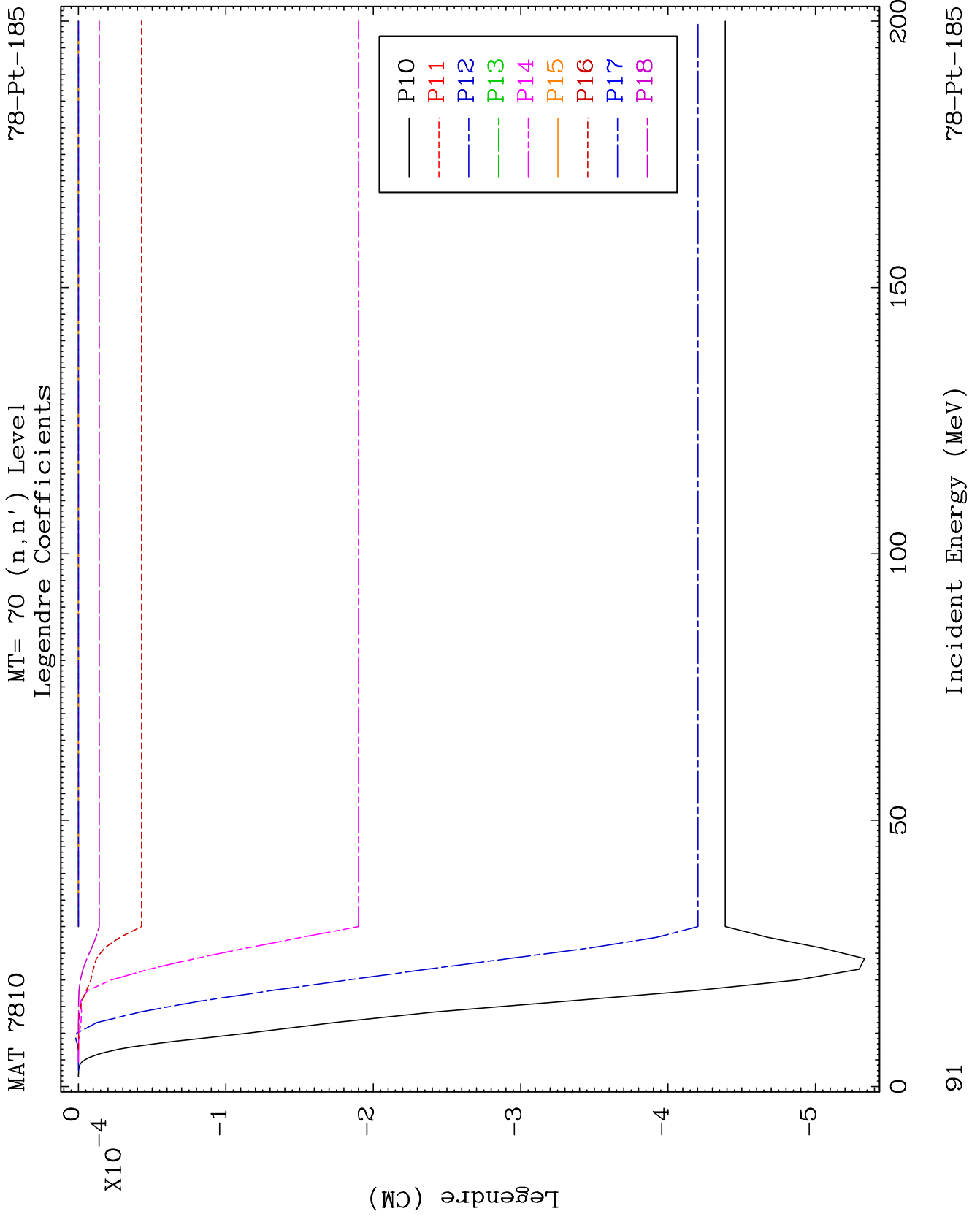
78-Pt-185

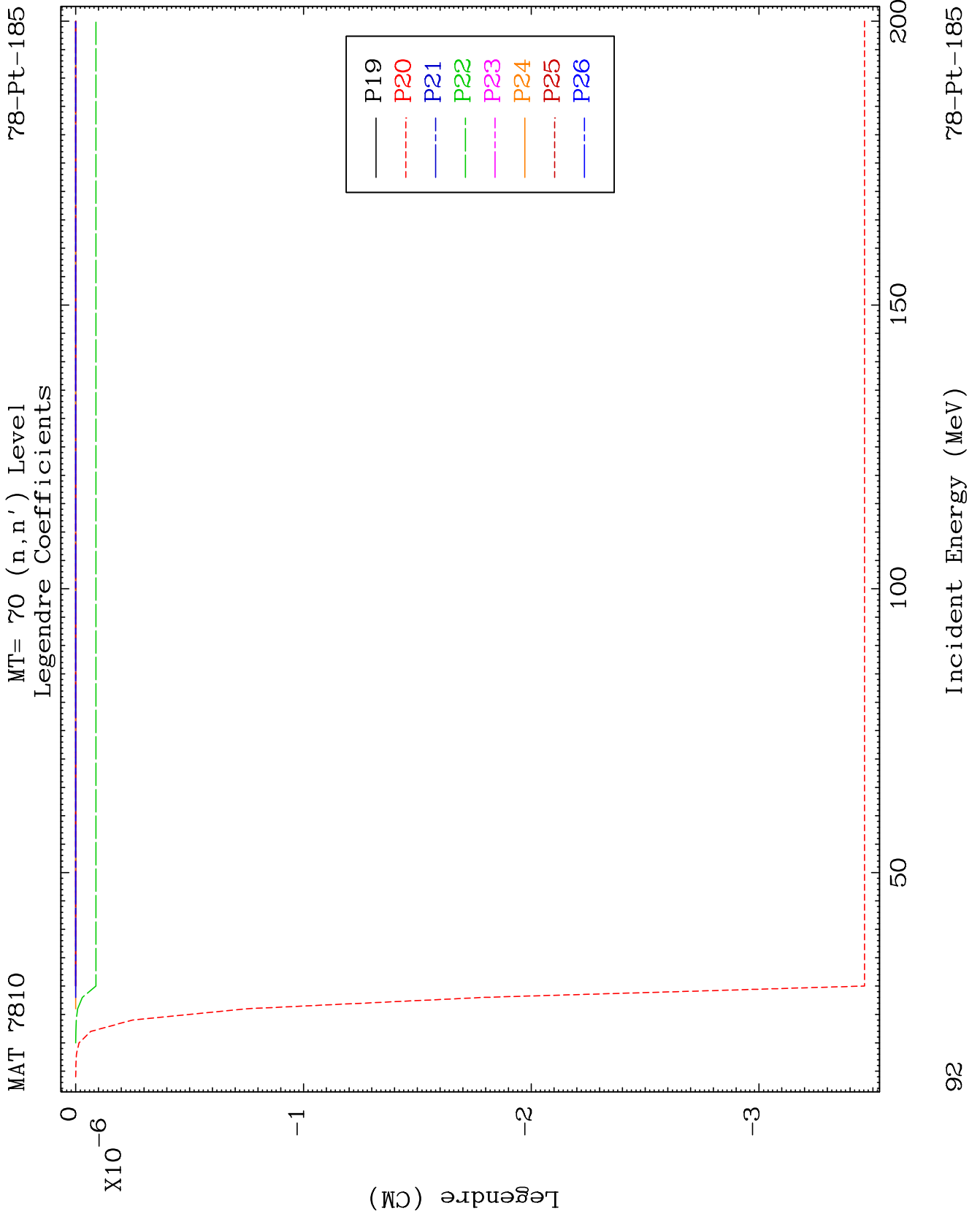
Incident Energy (MeV)

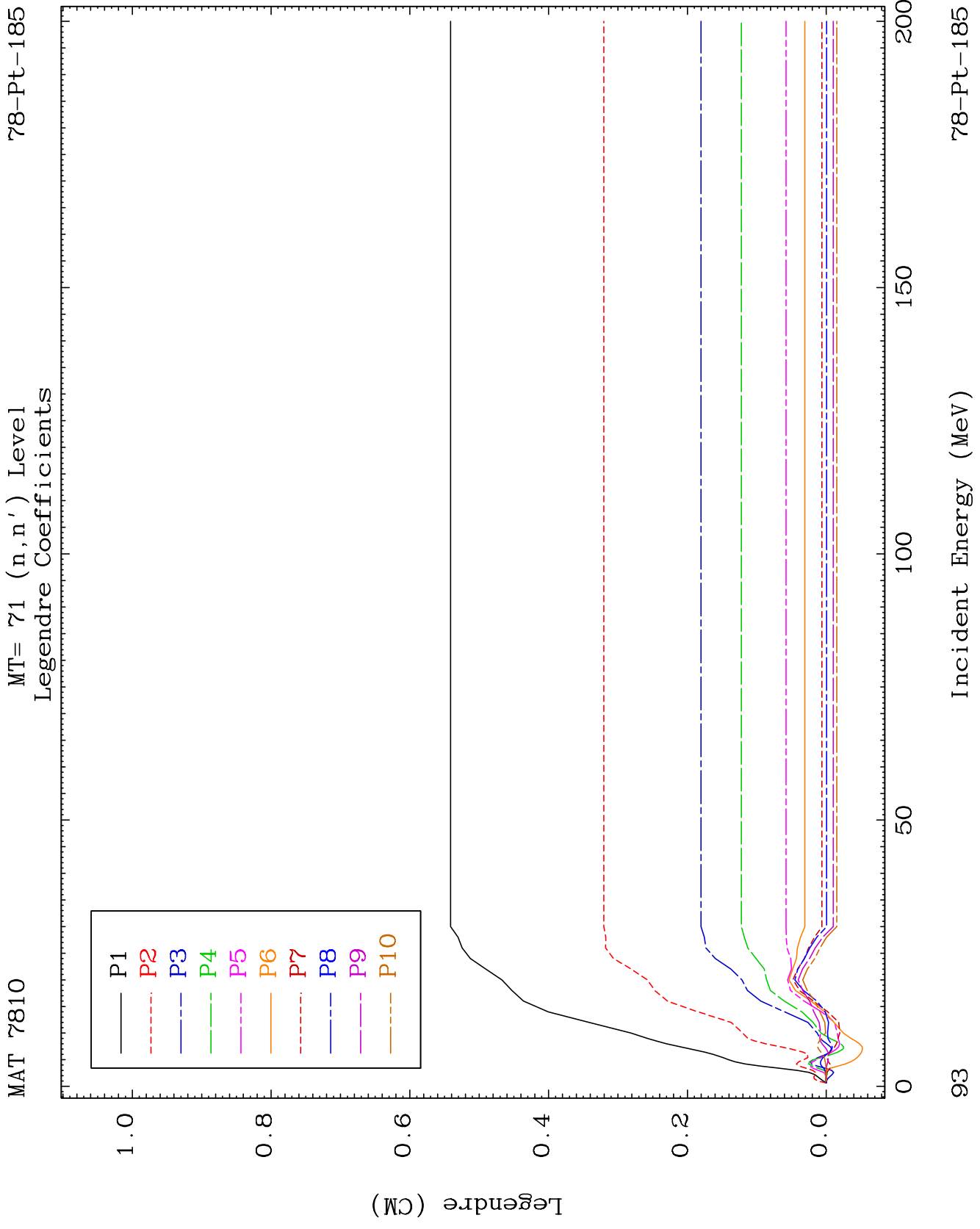
88

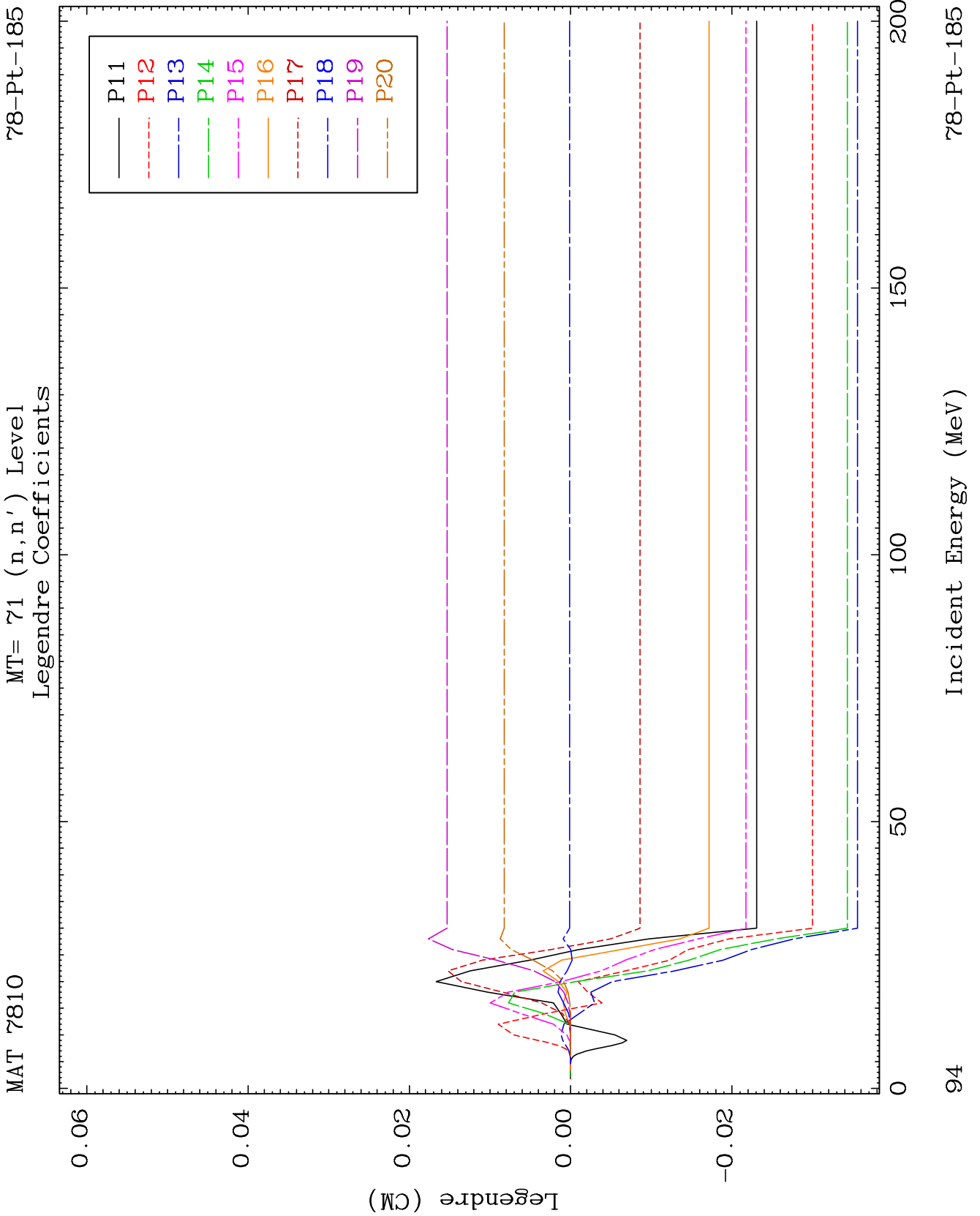








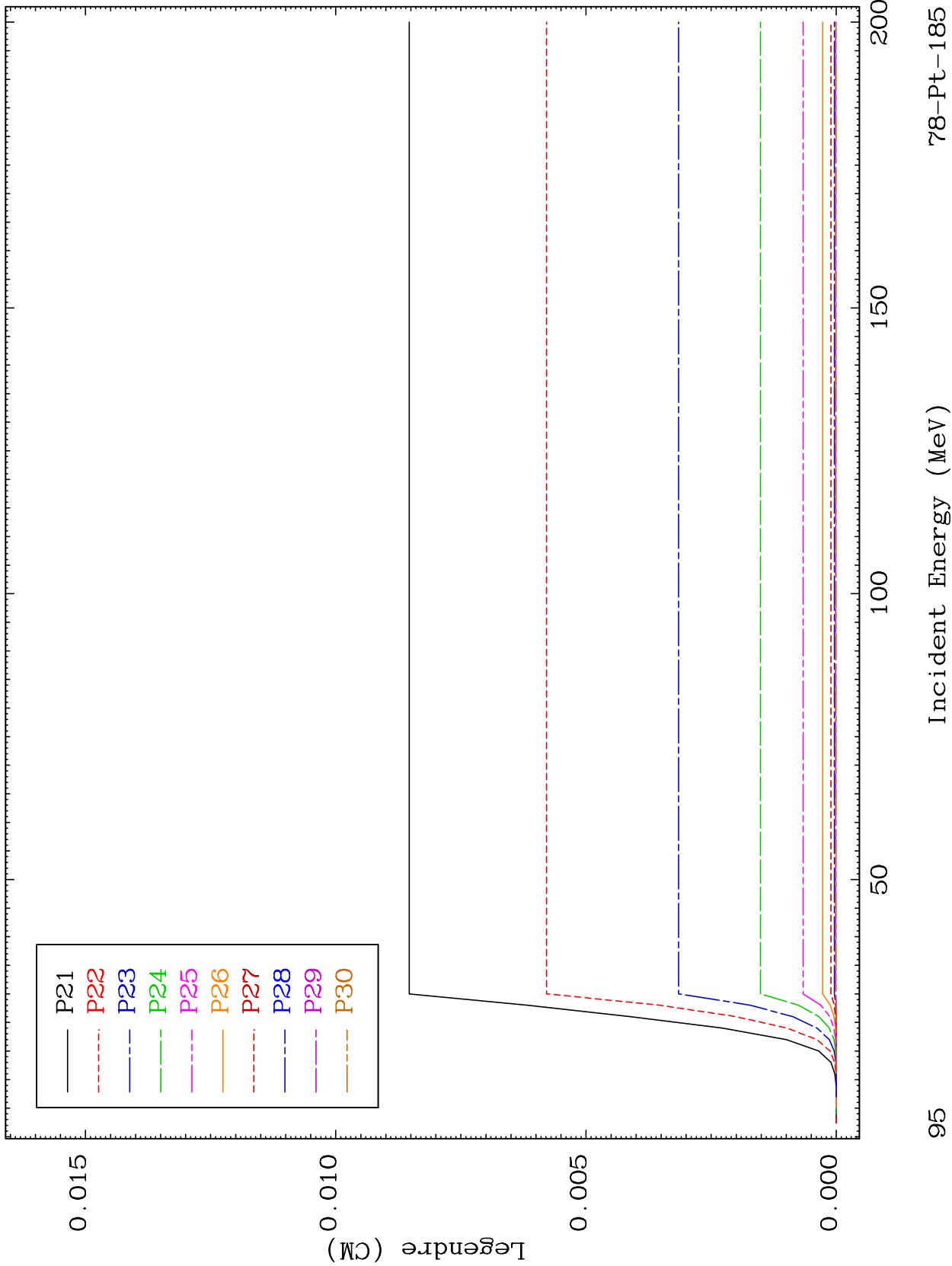




MAT 7810

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

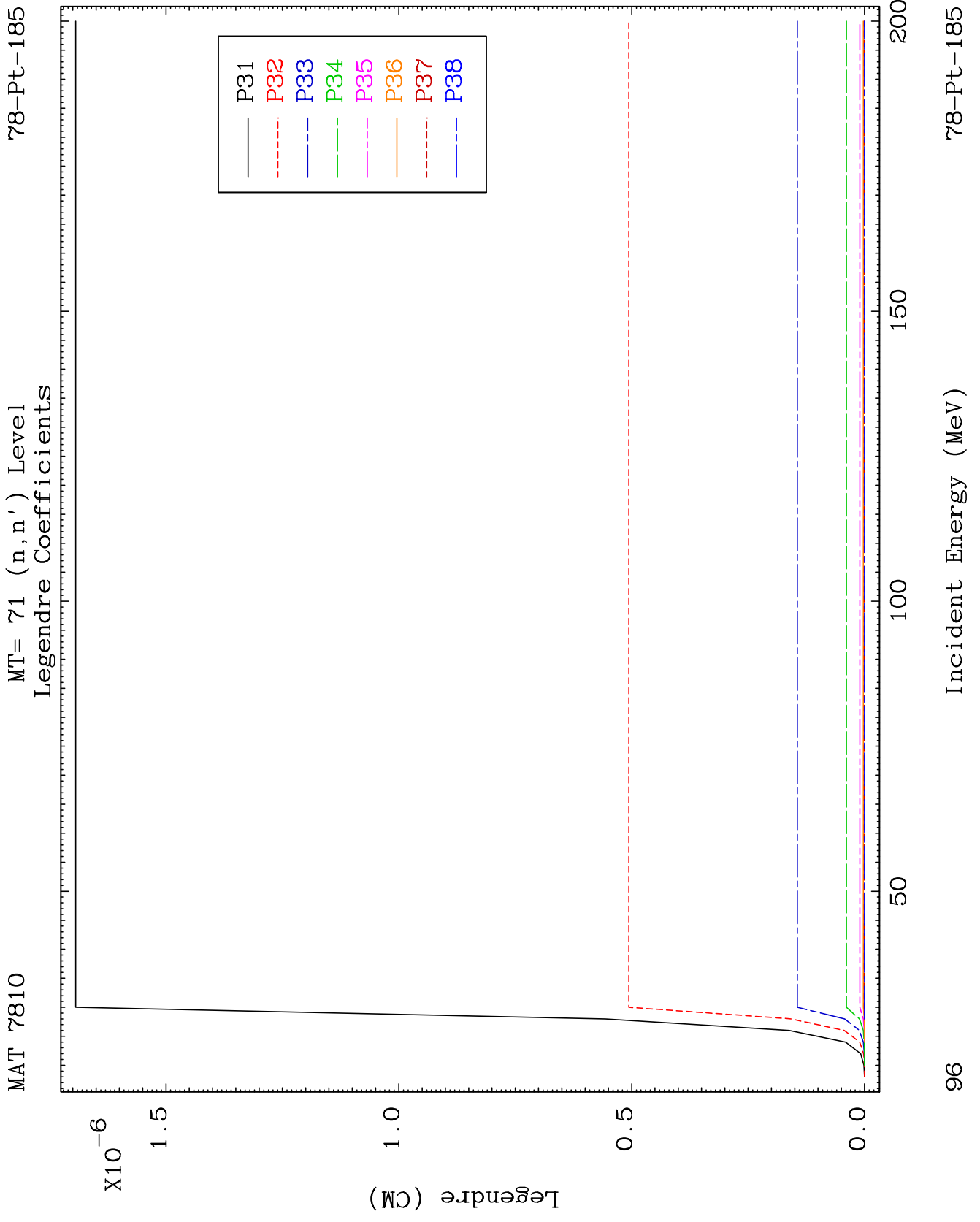
78-Pt-185



95

Incident Energy (MeV)

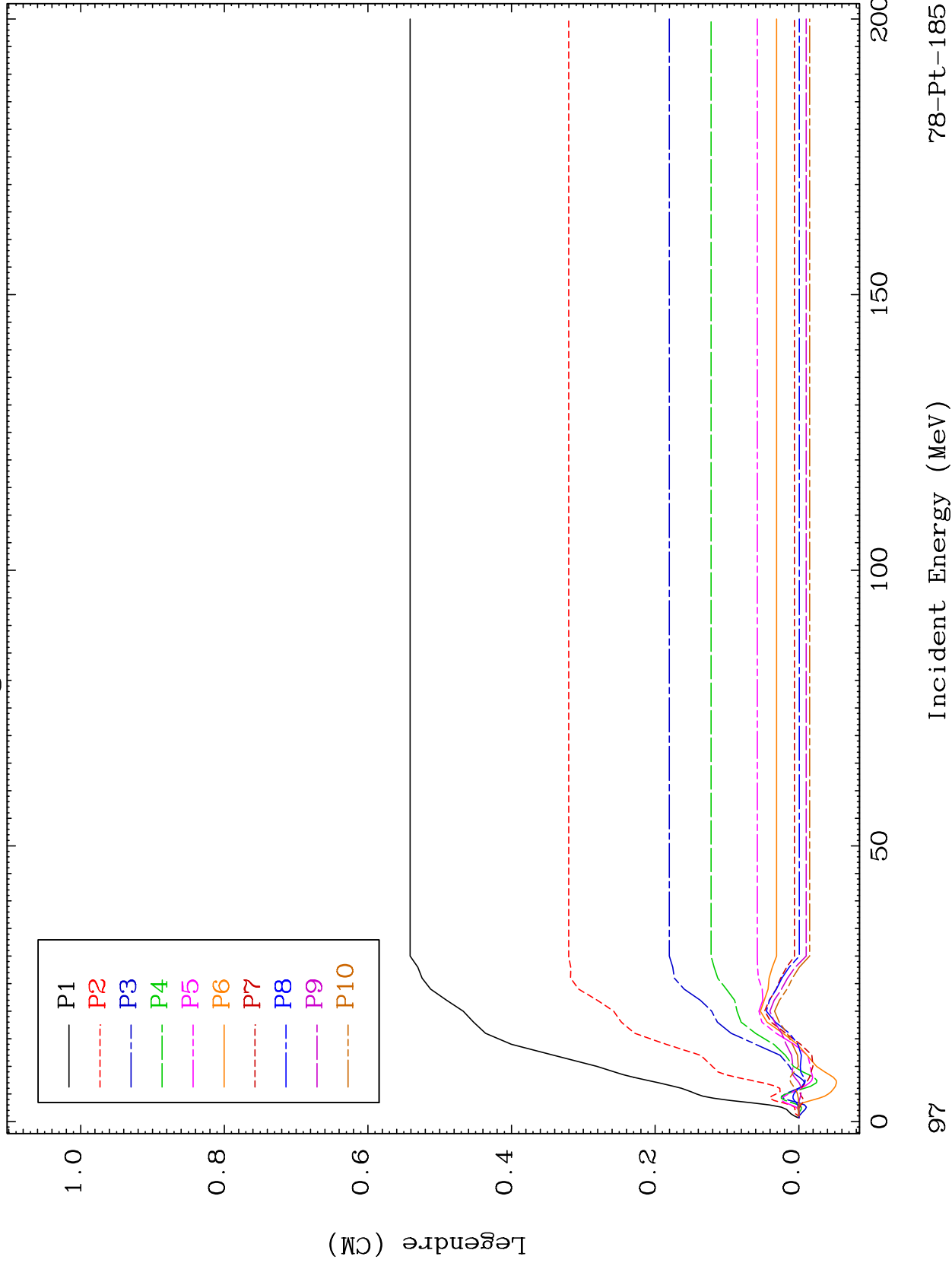
78-Pt-185



MAT 7810

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

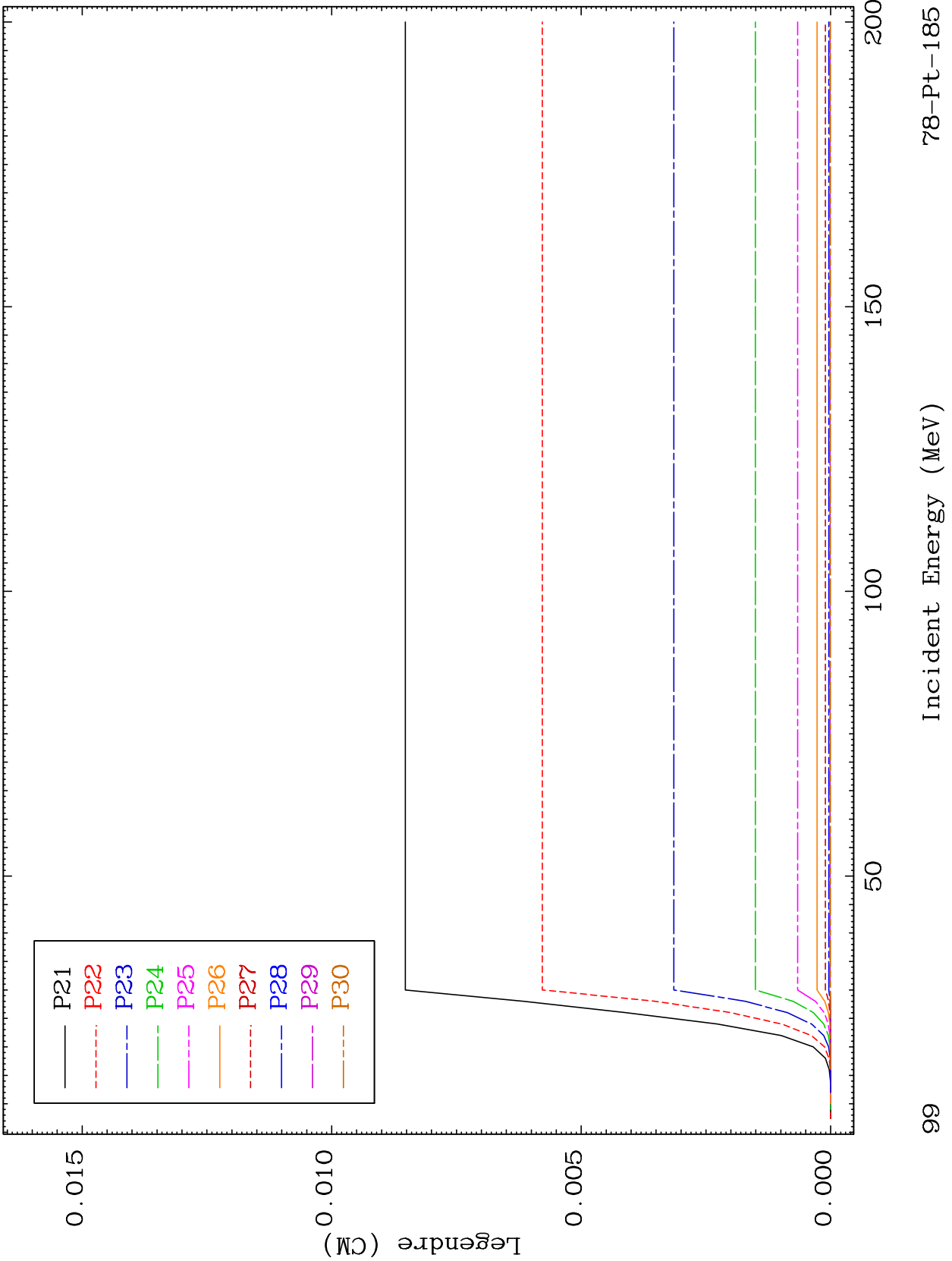
78-Pt-185

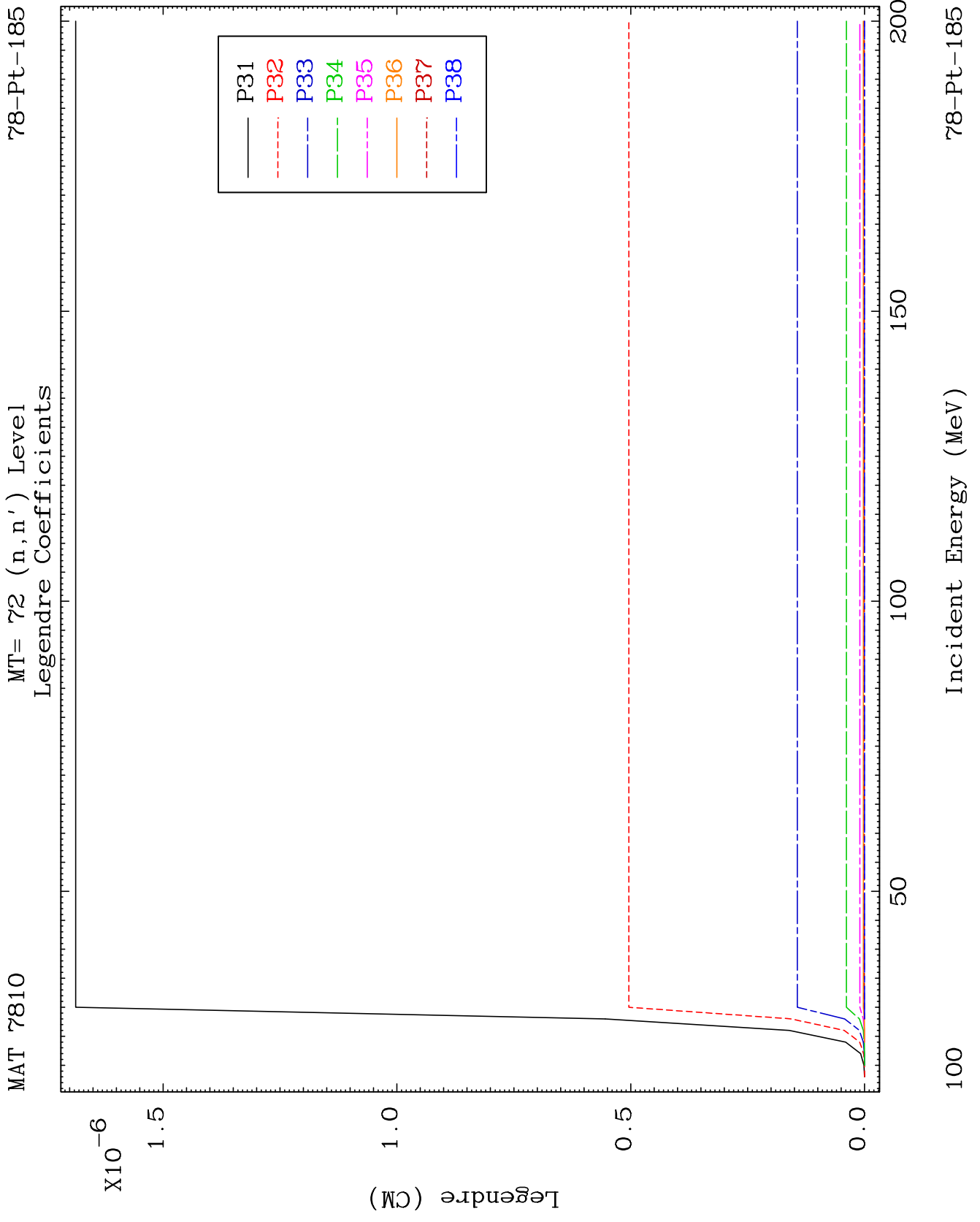


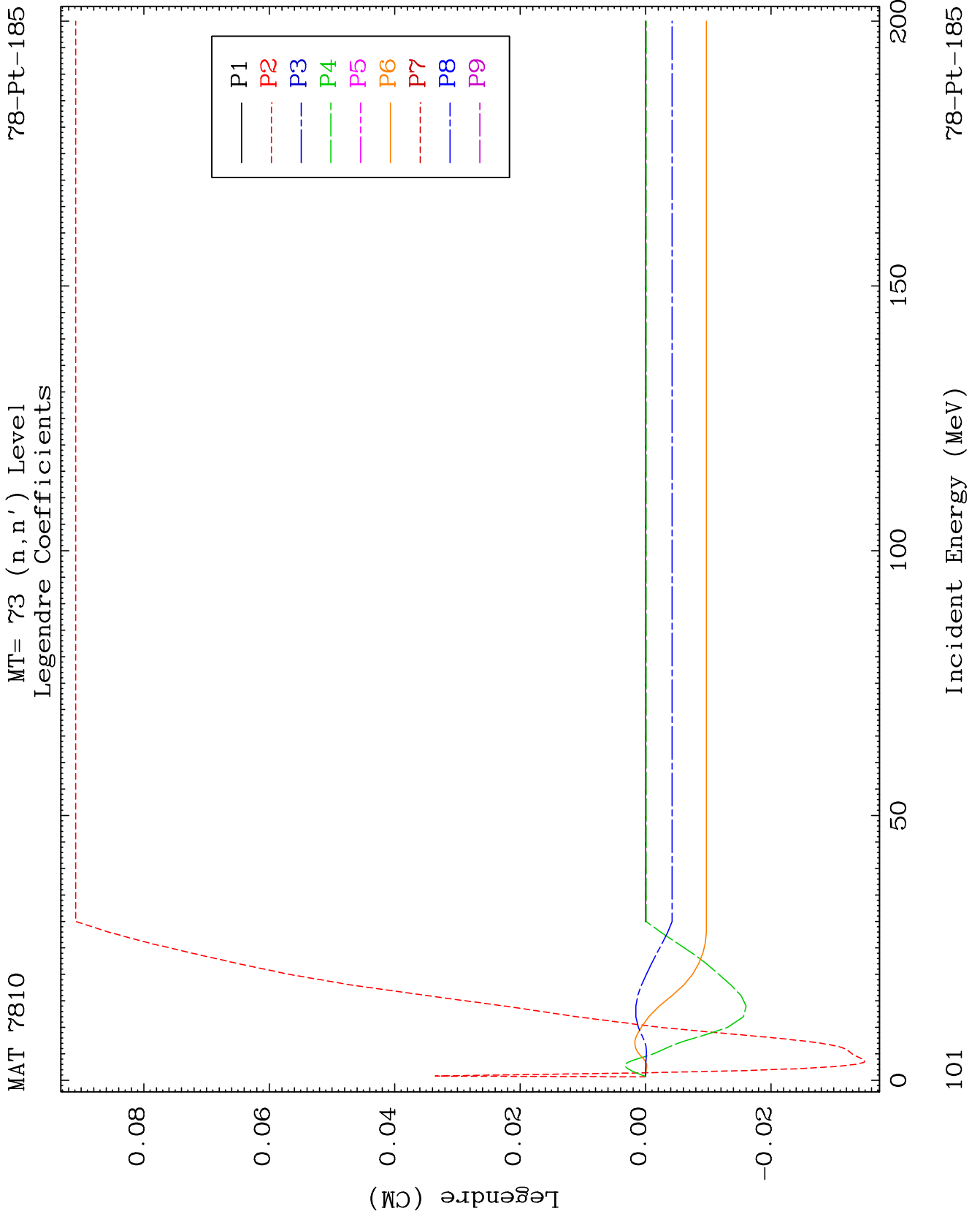
MAT 7810

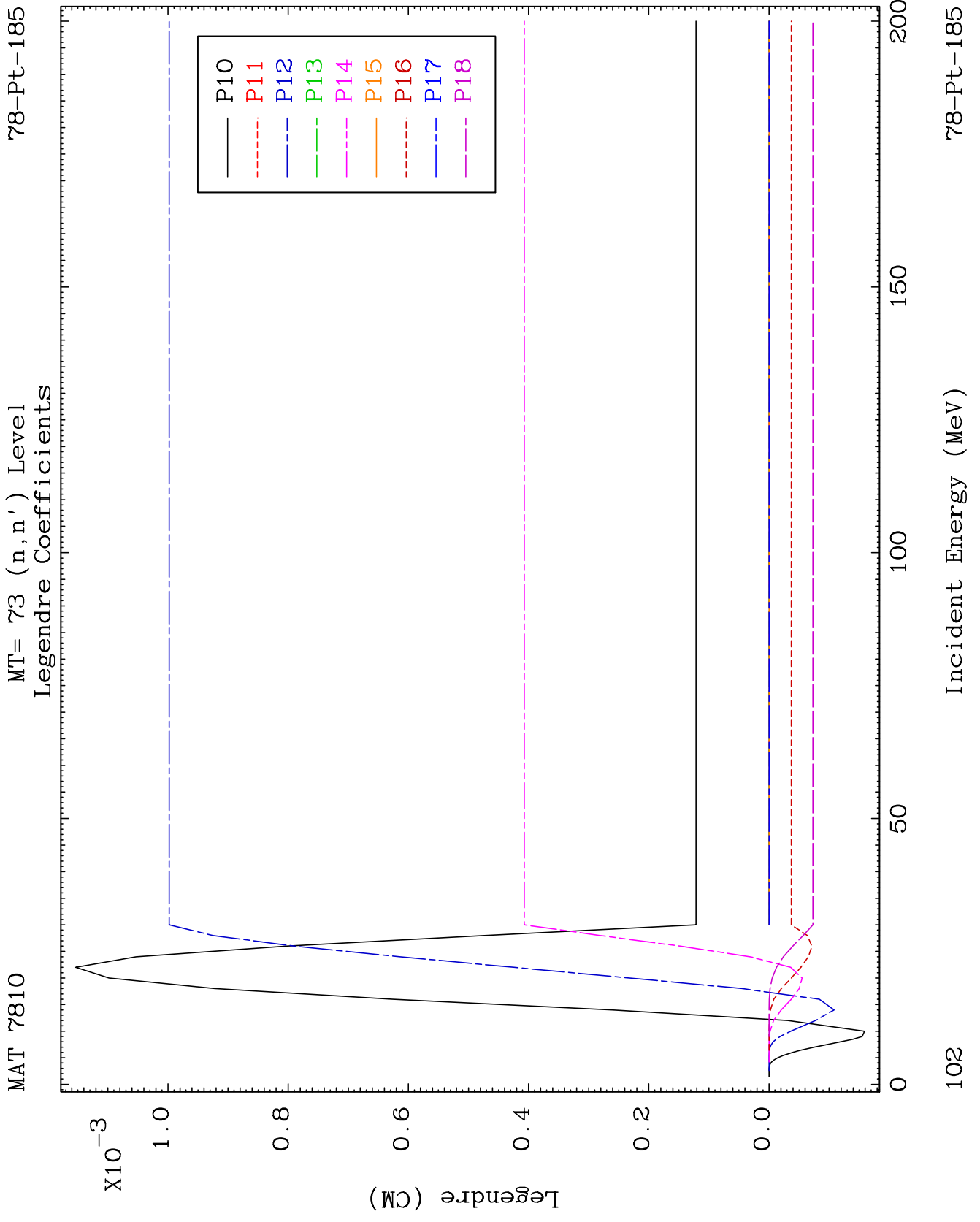
MT= 72 (n,n') Level
Legendre Coefficients

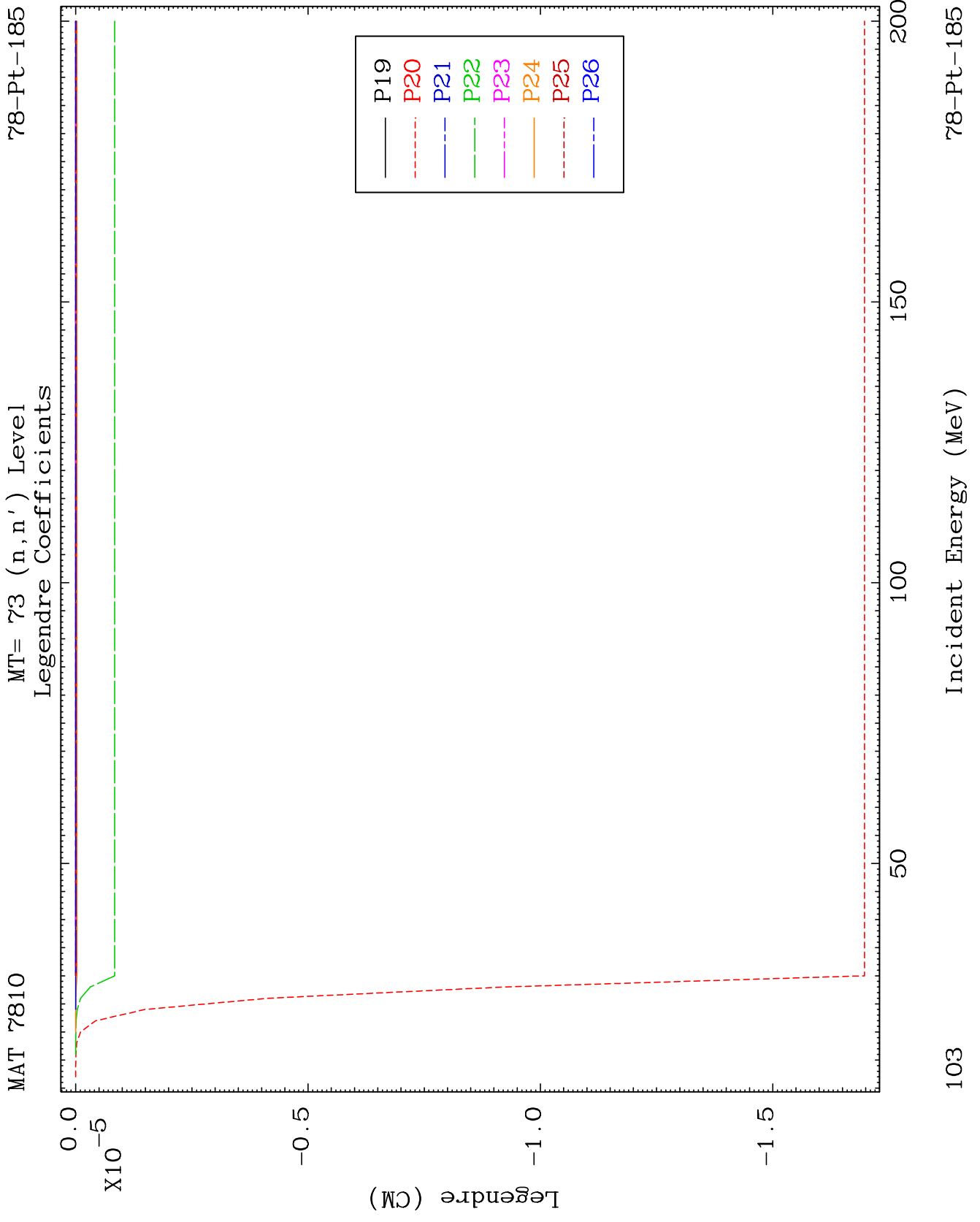
78-Pt-185

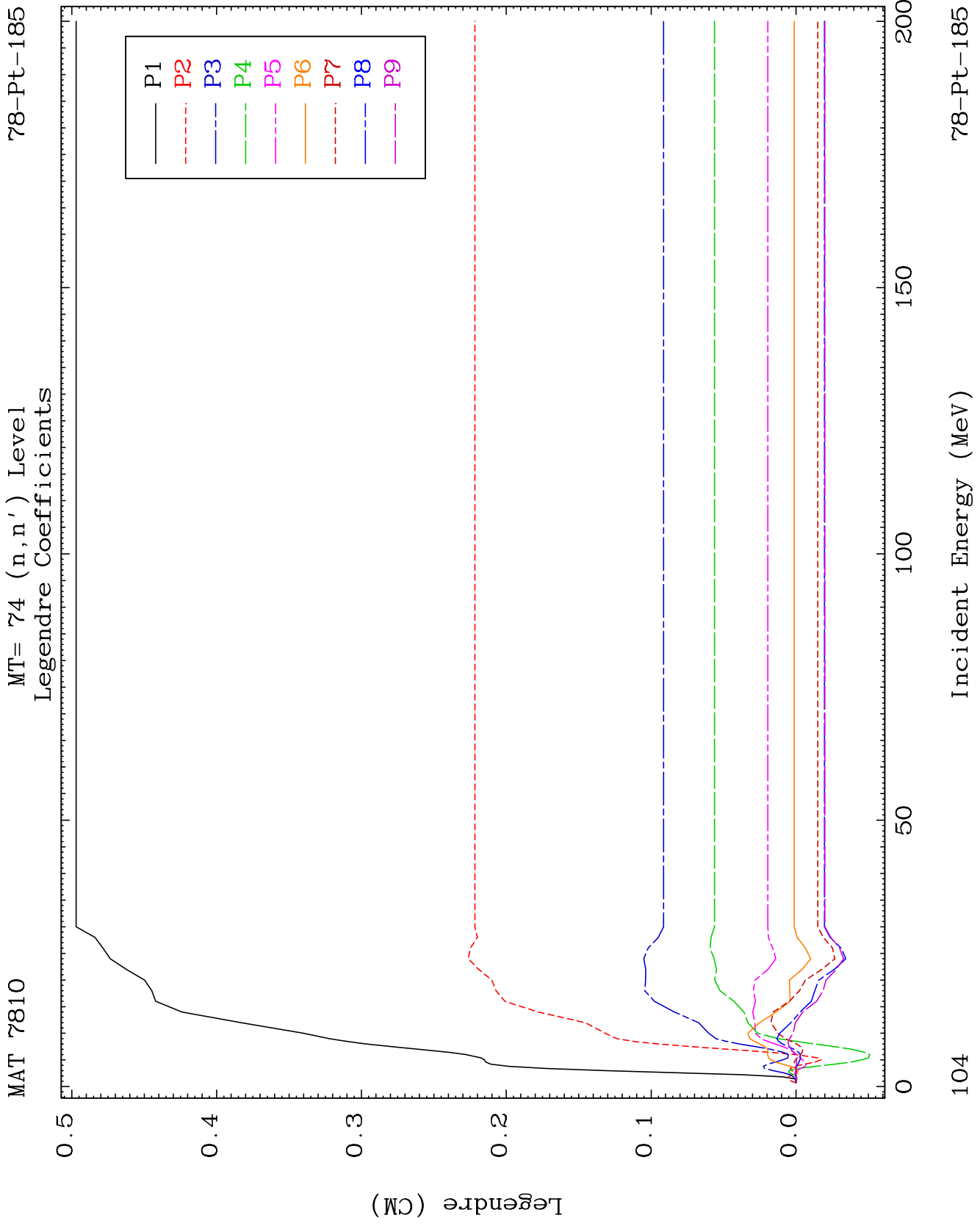


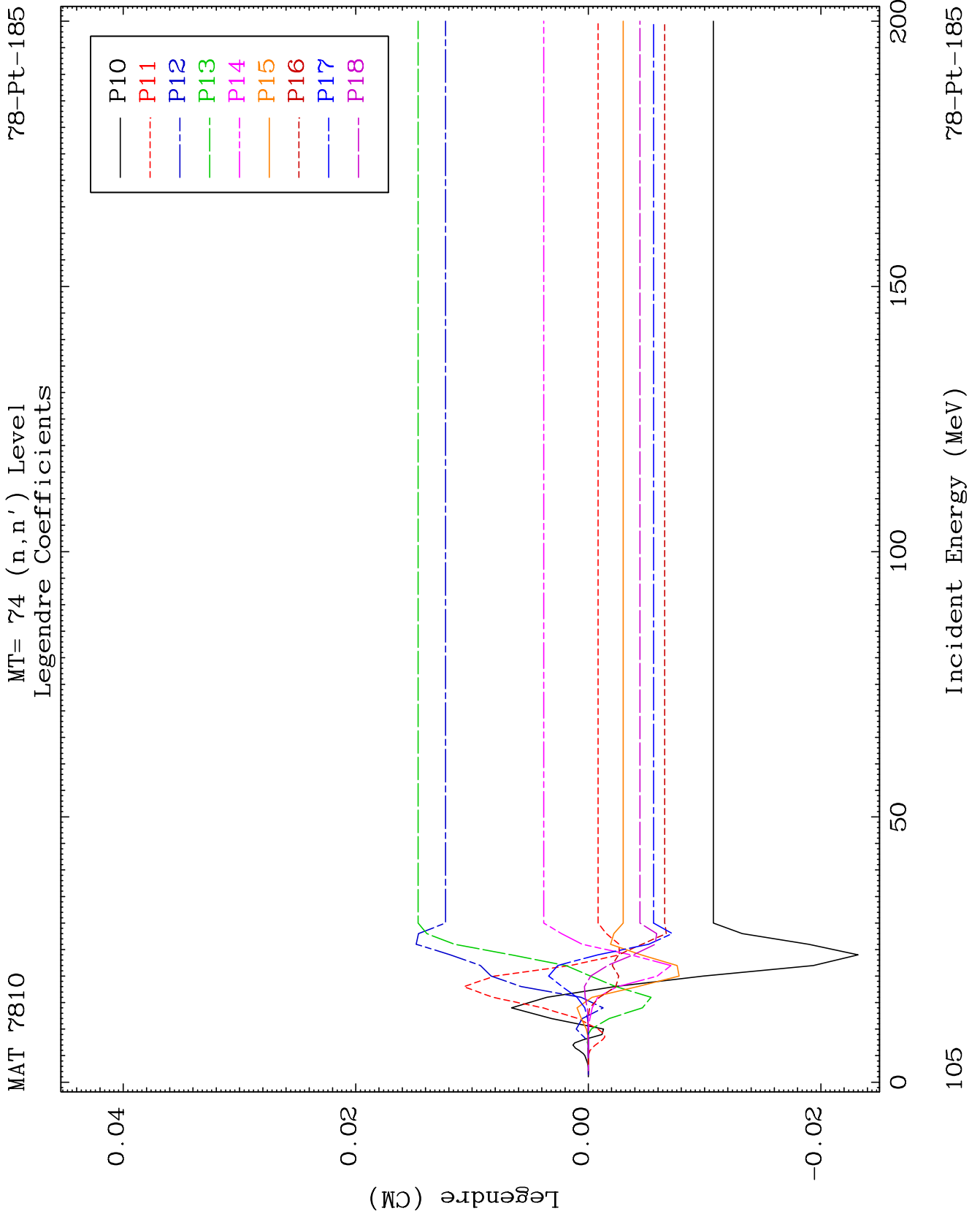








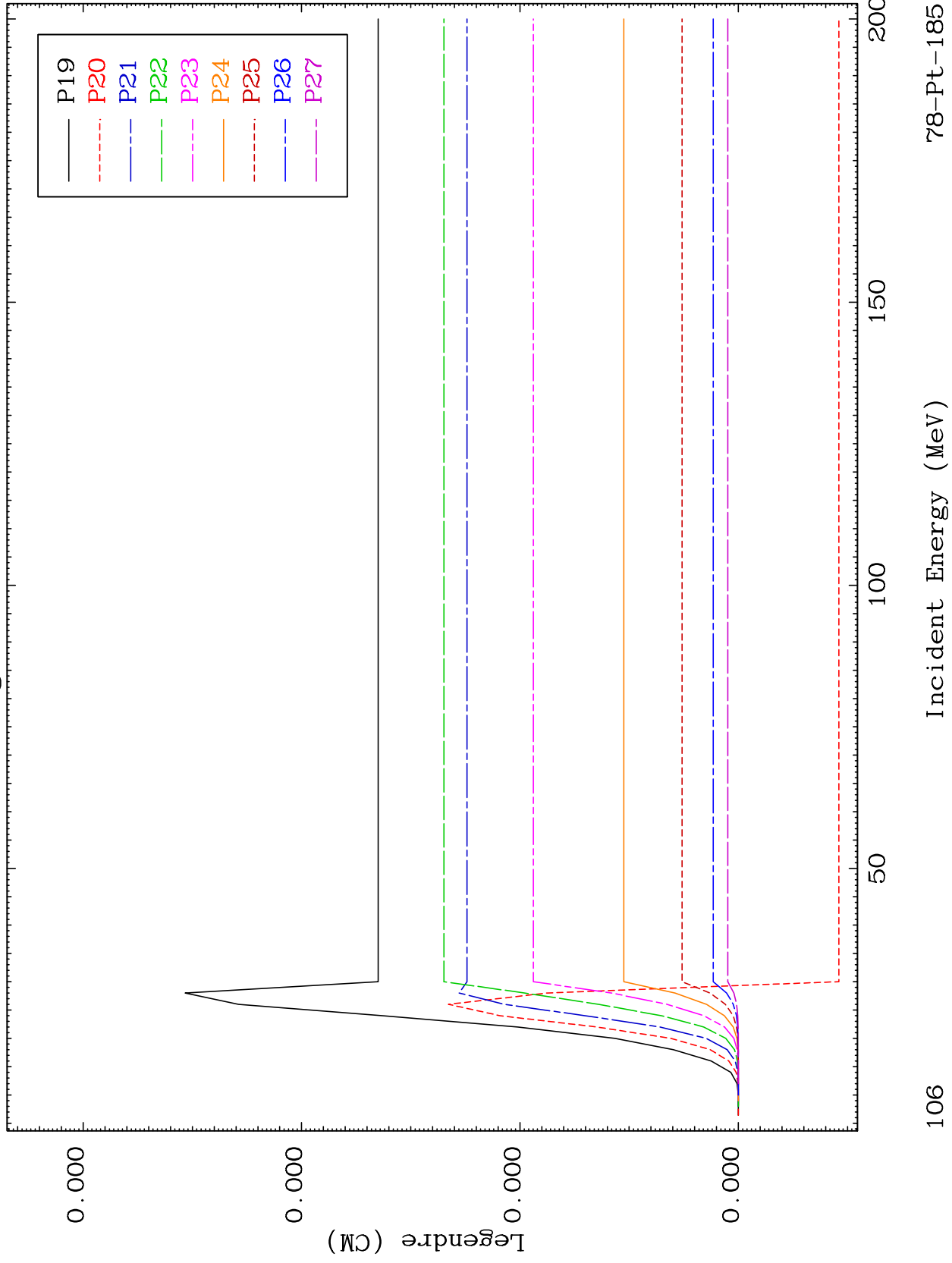




MAT 7810

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

78-Pt-185



106

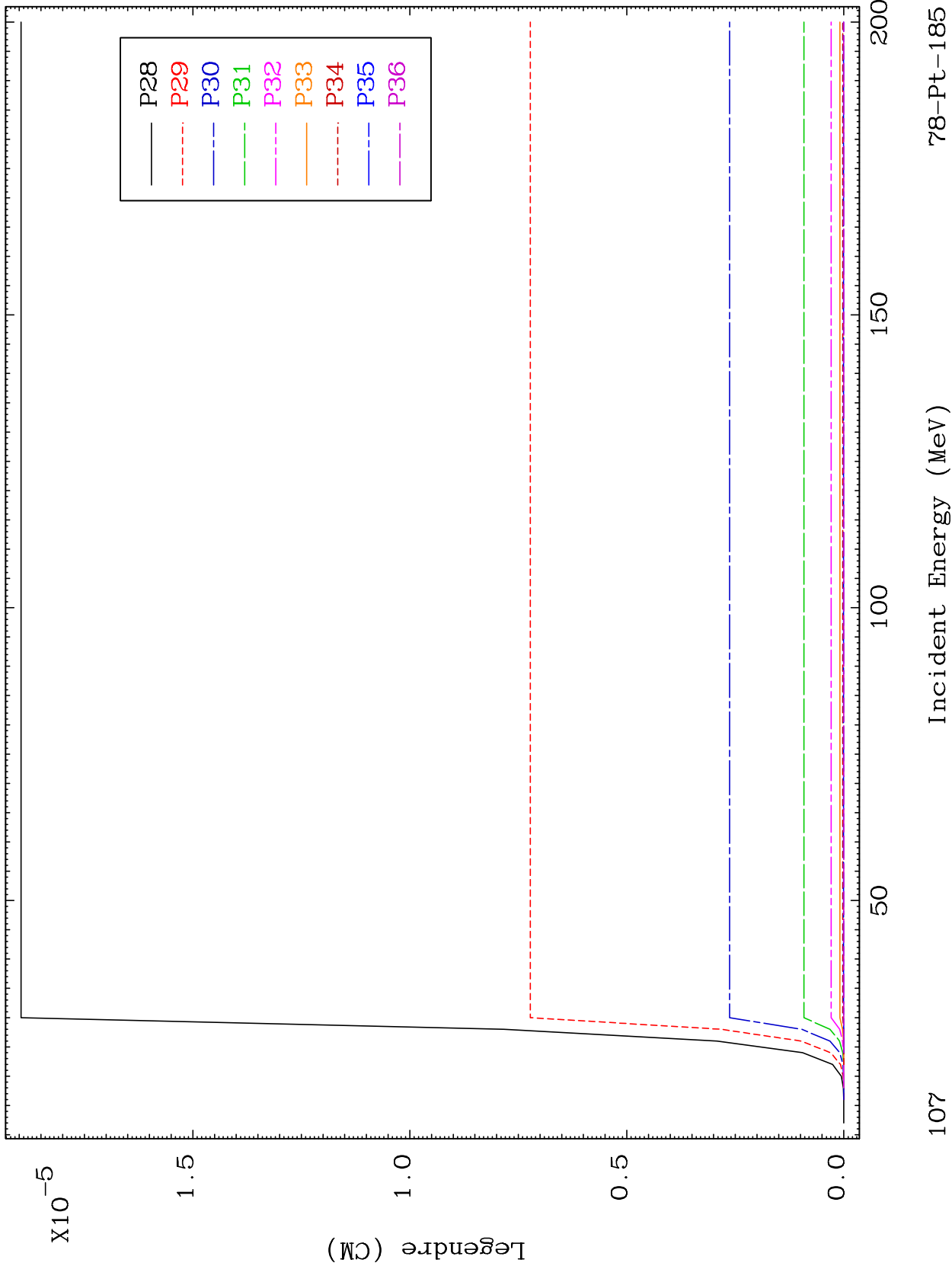
Incident Energy (MeV)

78-Pt-185

MAT 7810

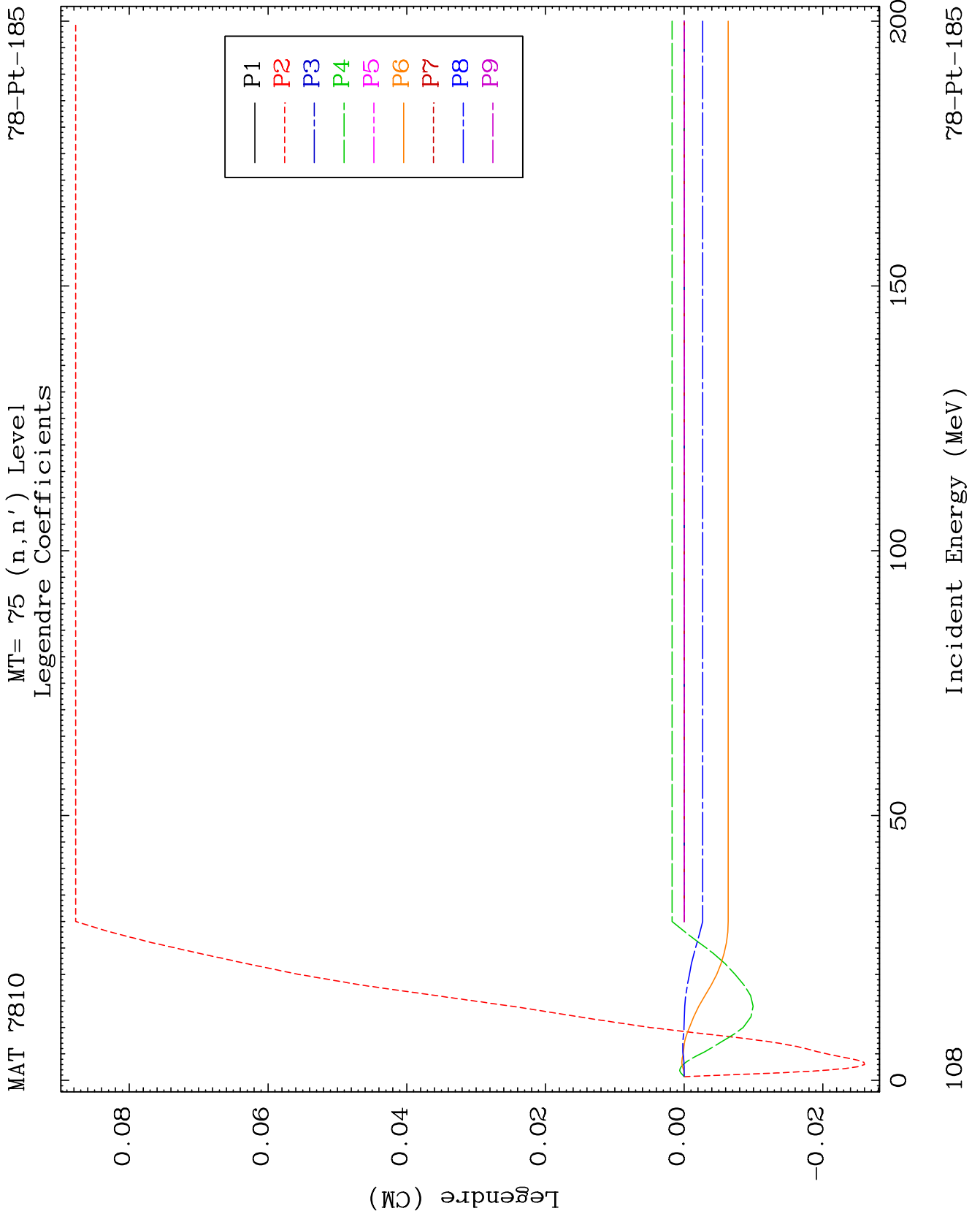
MT= 74 (n,n') Level
Legendre Coefficients

78-Pt-185



107

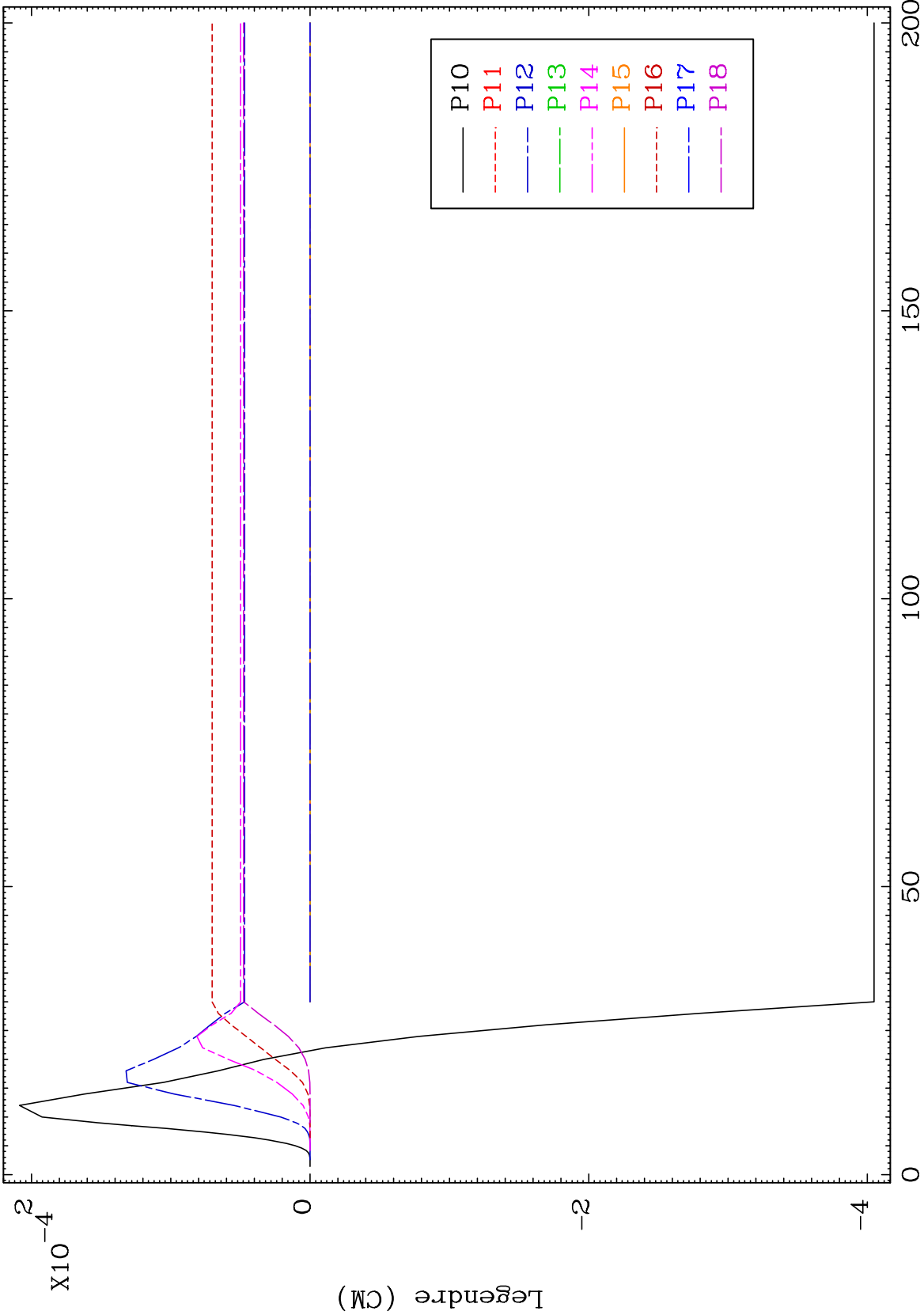
78-Pt-185



MAT 7810

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

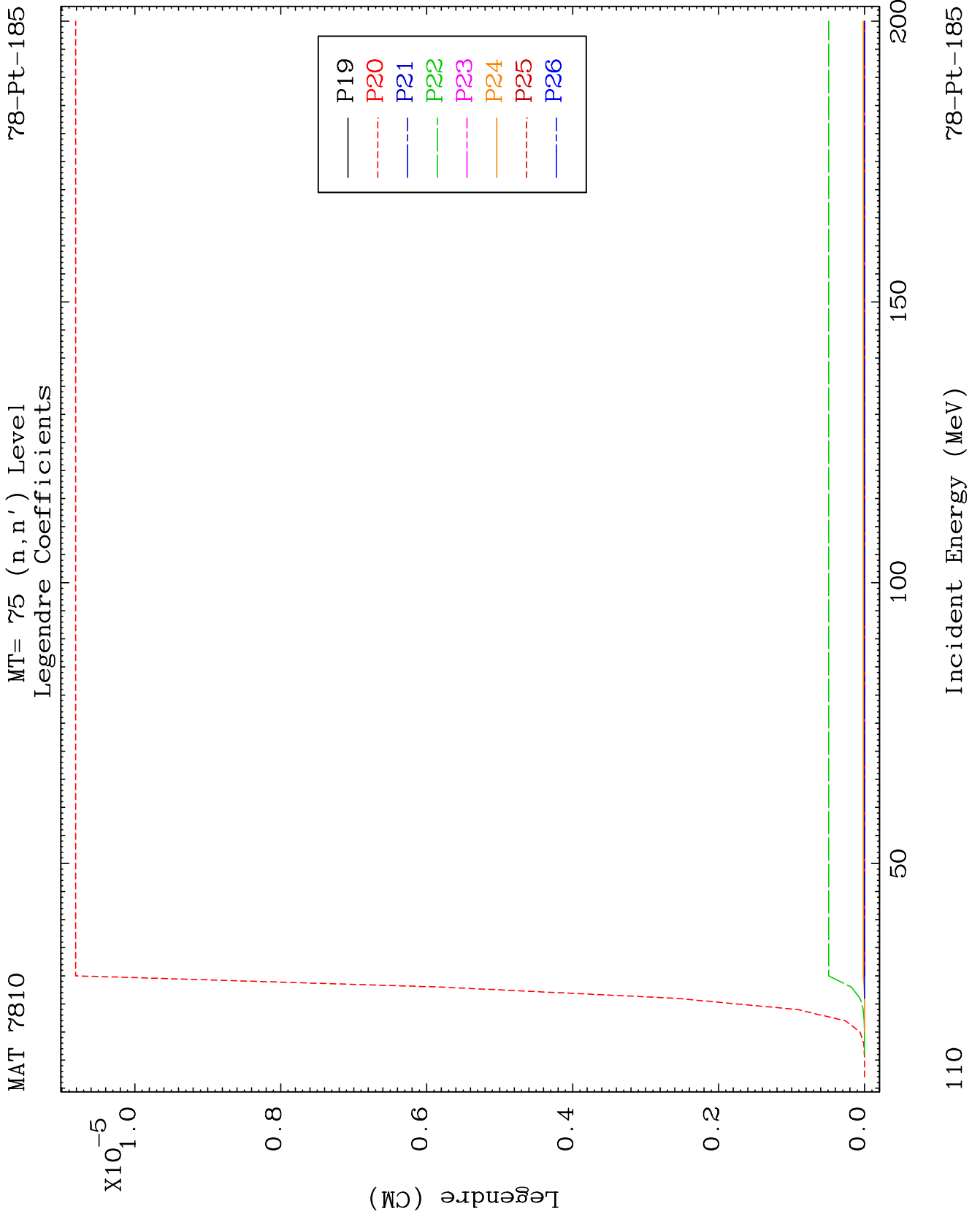
78-Pt-185

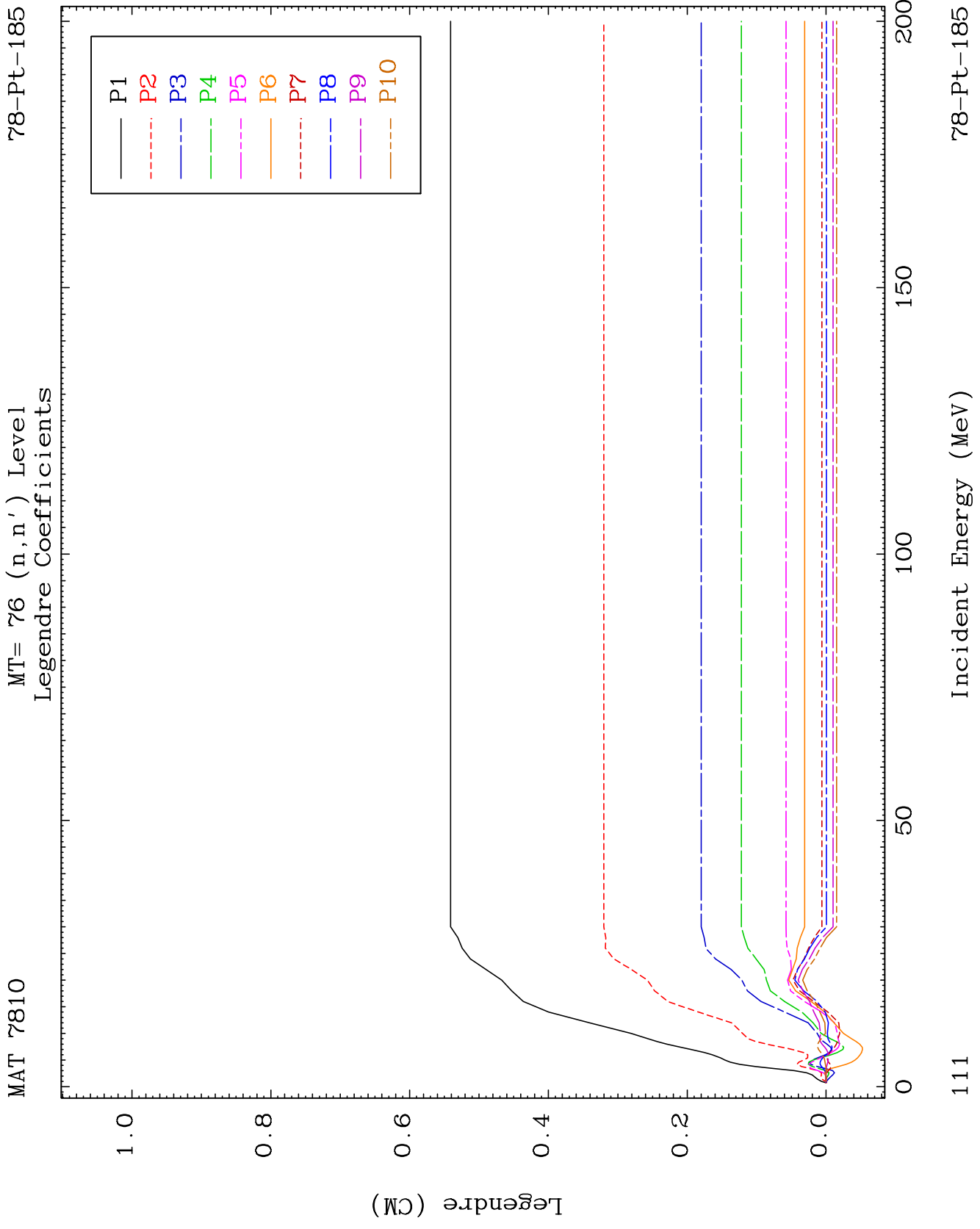


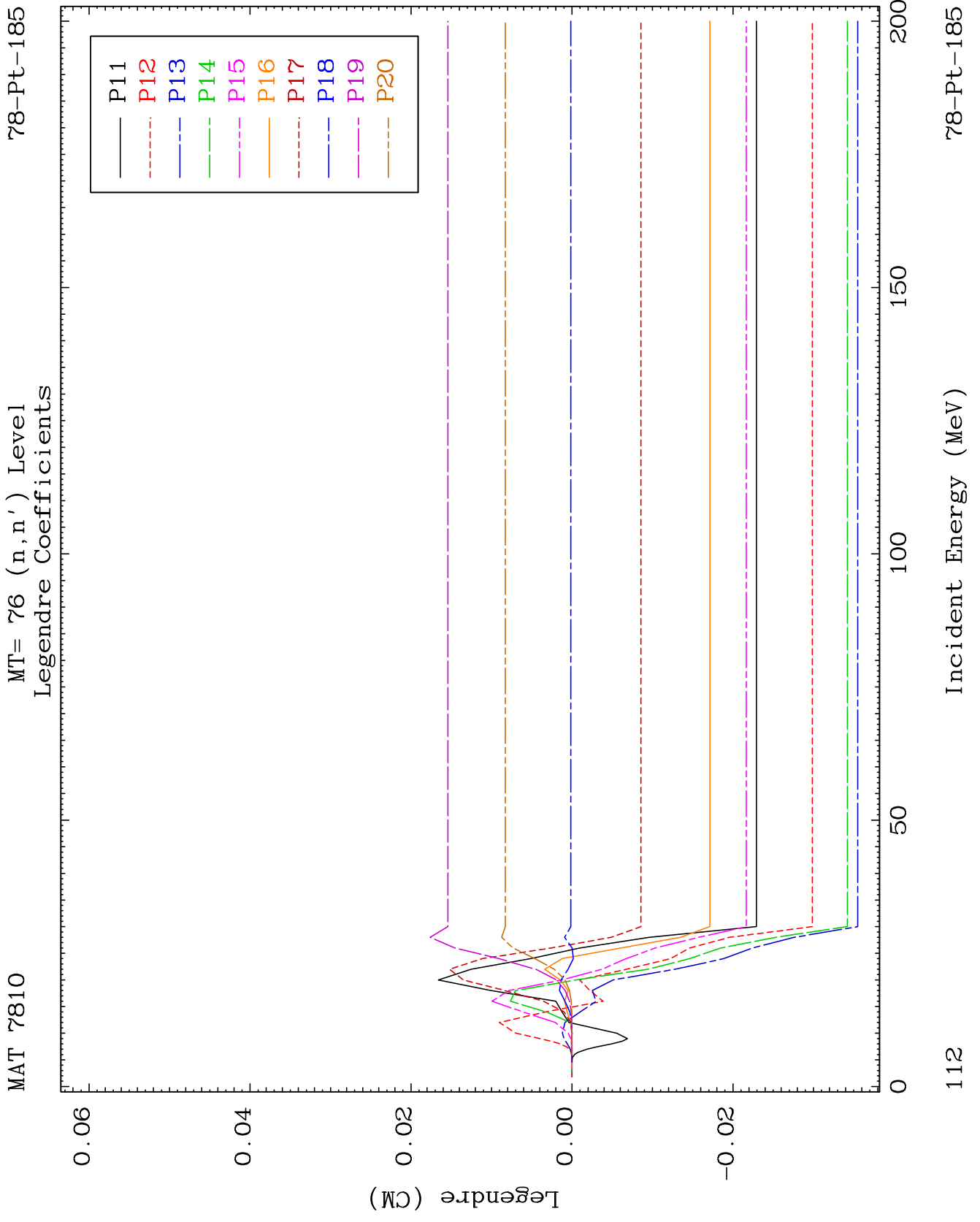
109

Incident Energy (MeV)

78-Pt-185



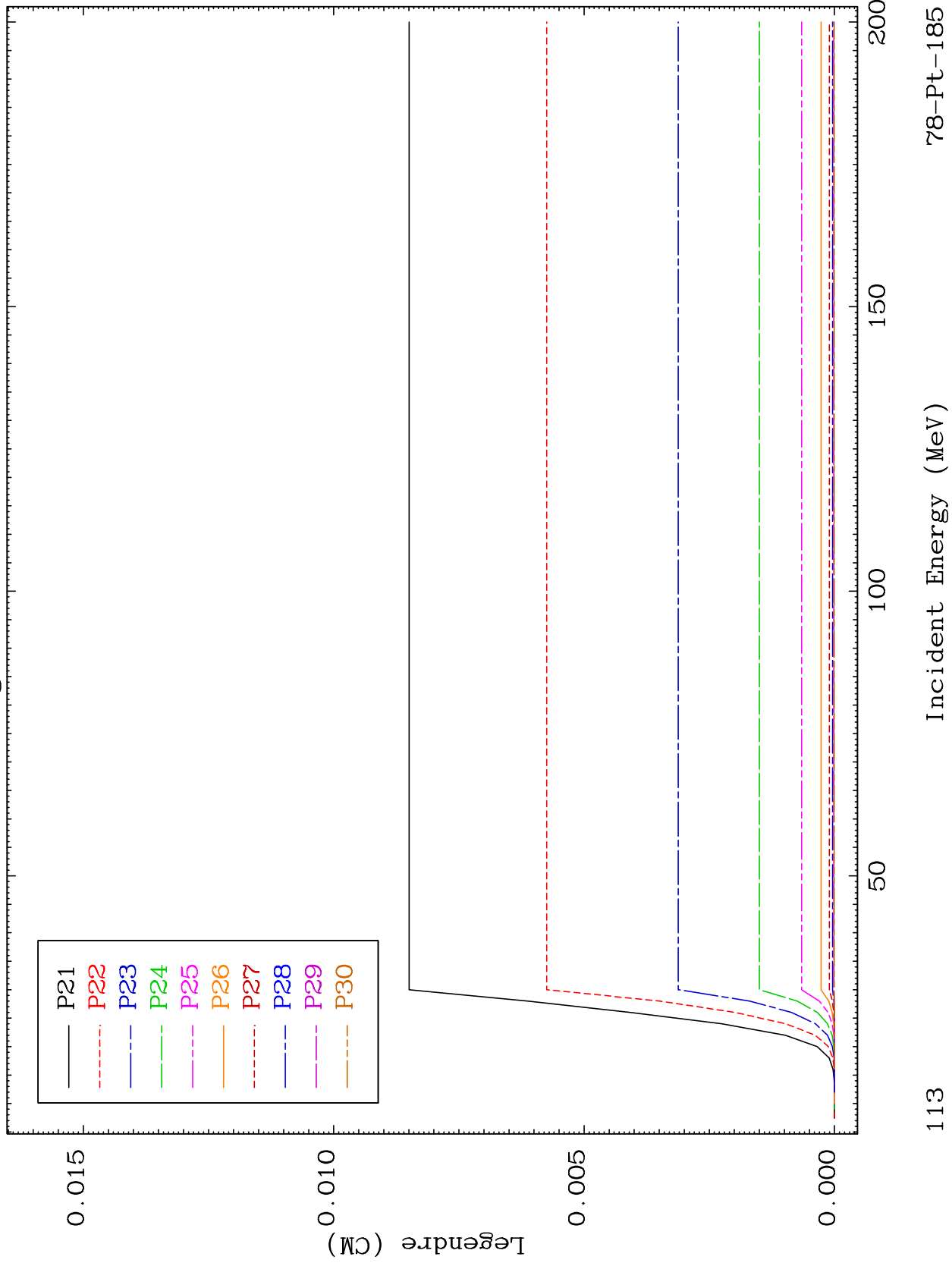




MAT 7810

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

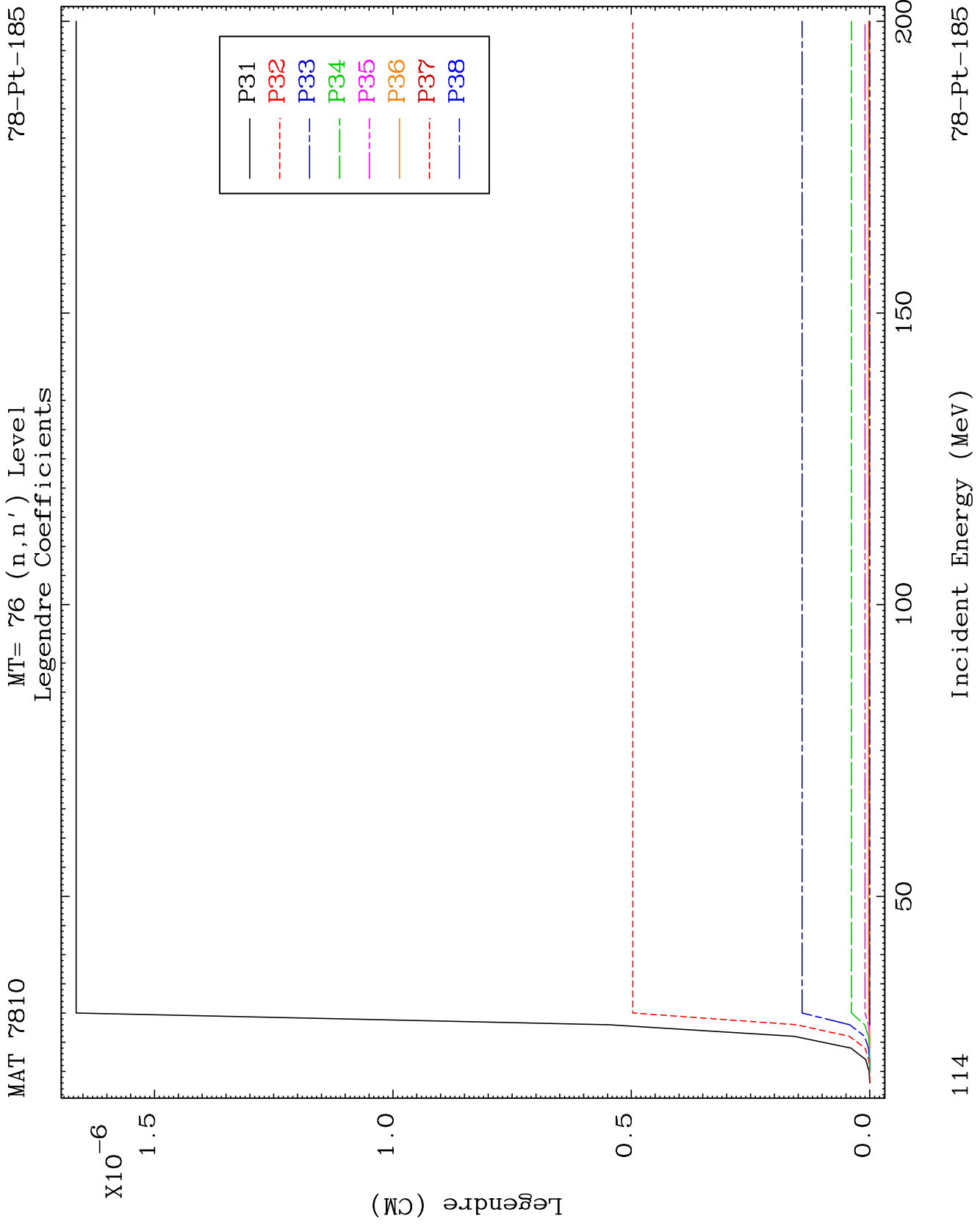
78-Pt-185

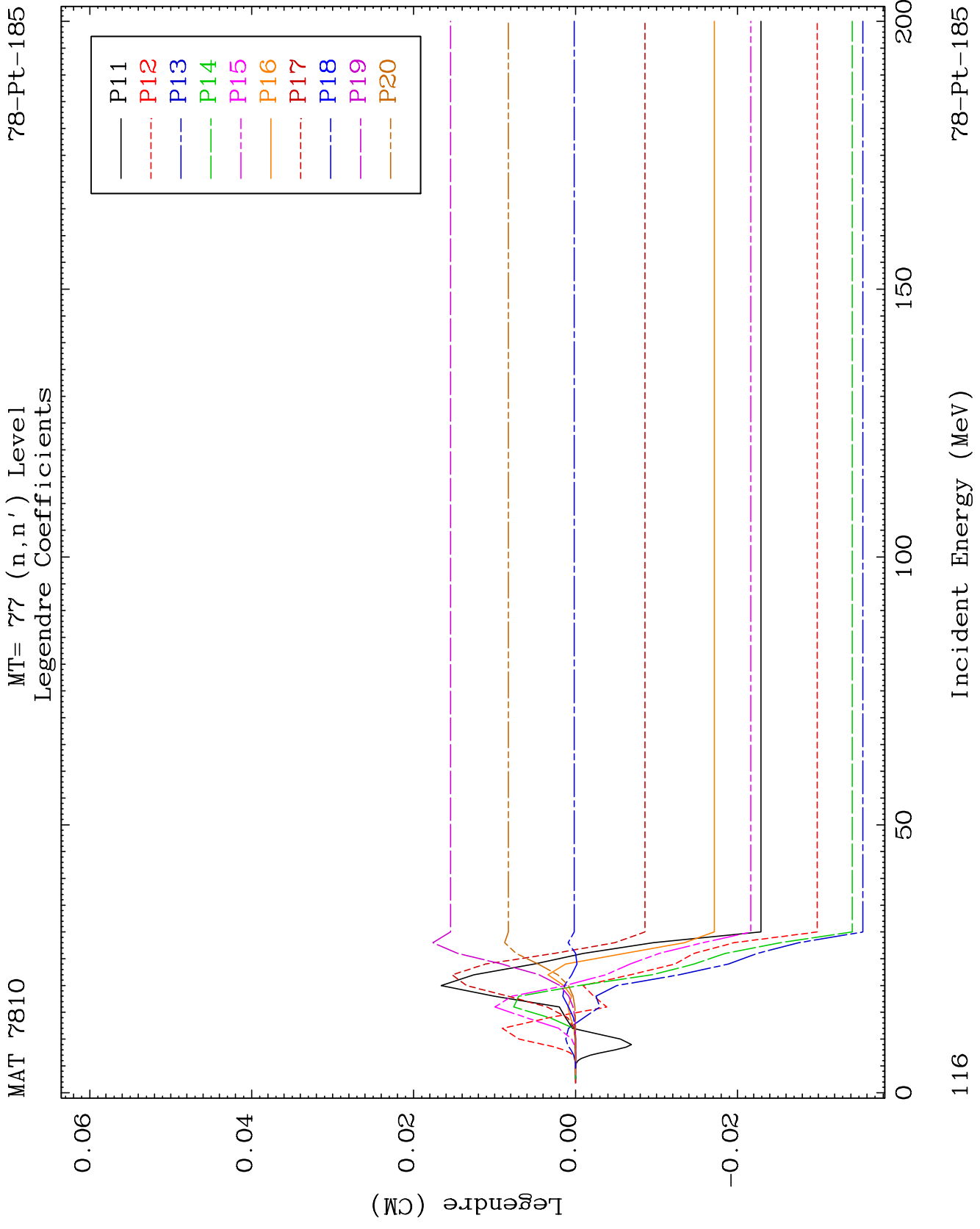


113

Incident Energy (MeV)

78-Pt-185

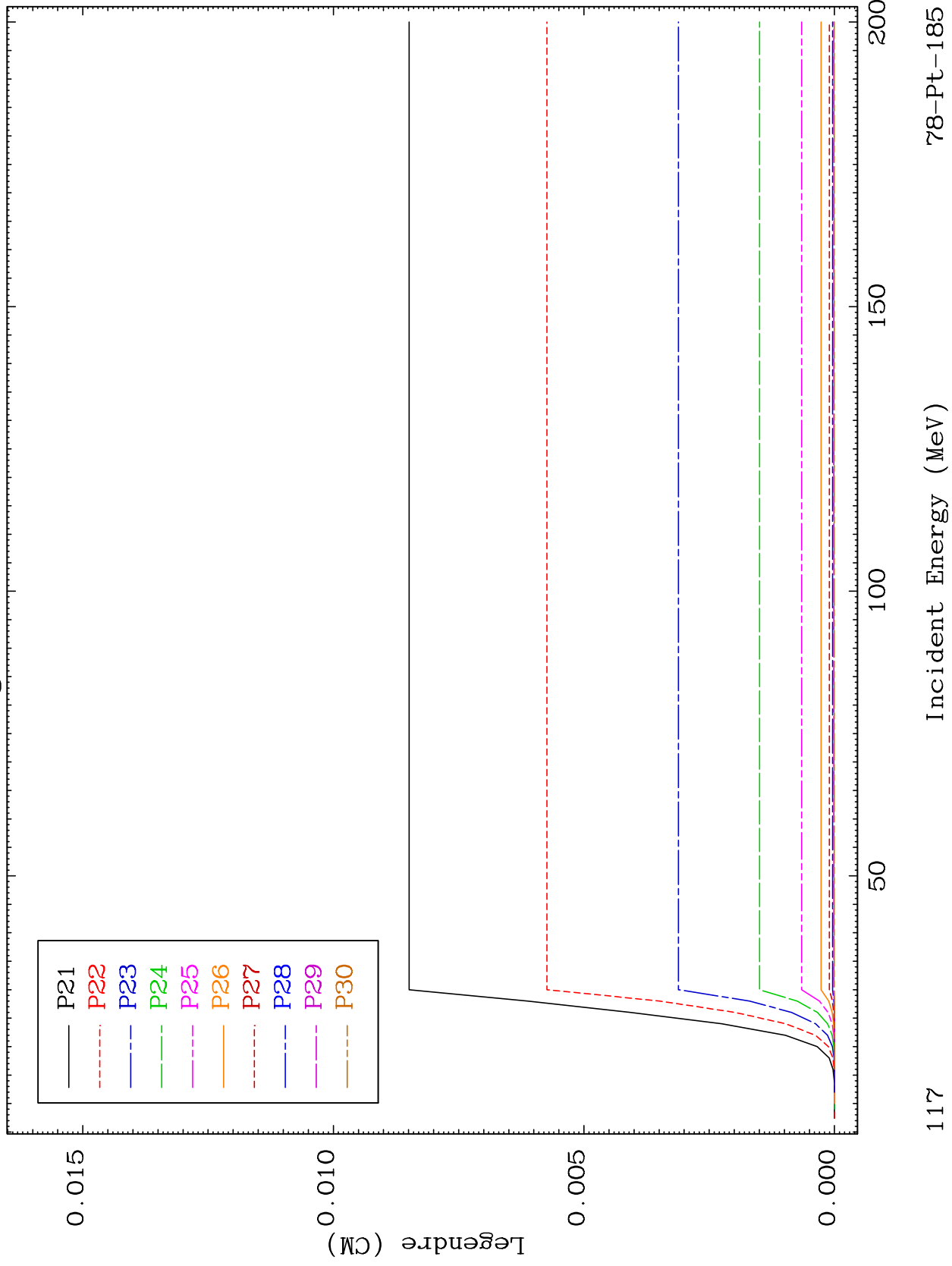




MAT 7810

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

78-Pt-185



117

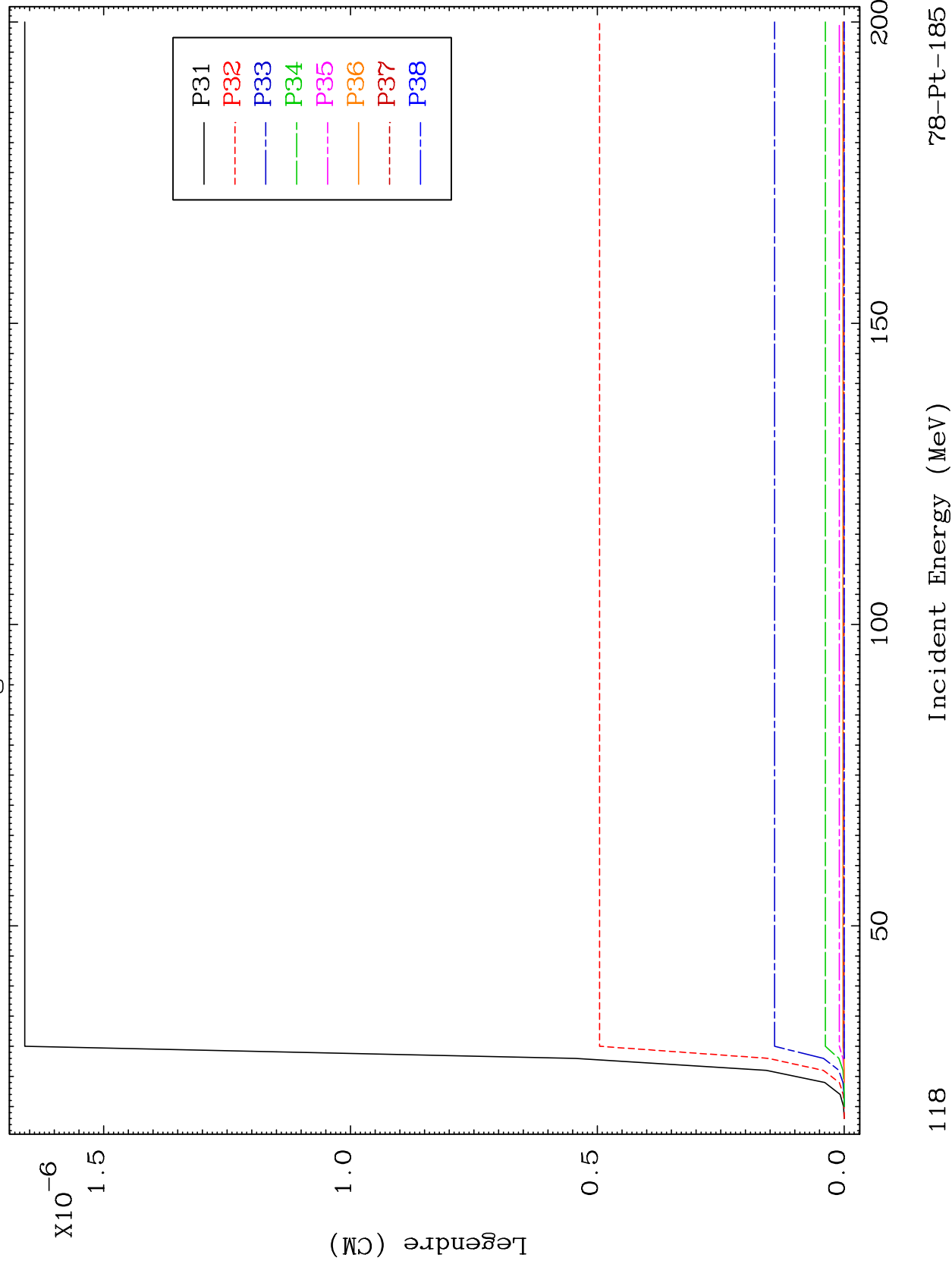
Incident Energy (MeV)

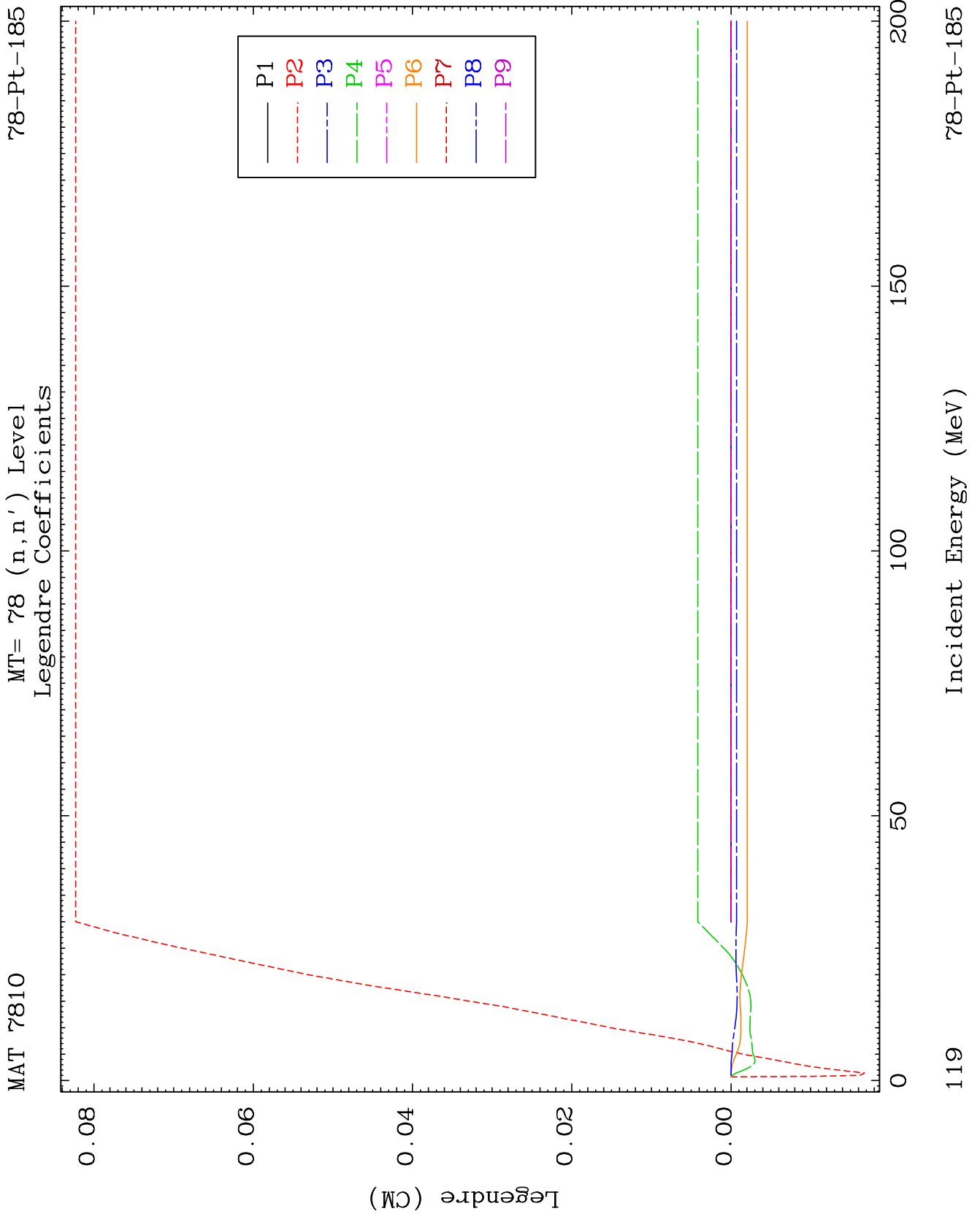
78-Pt-185

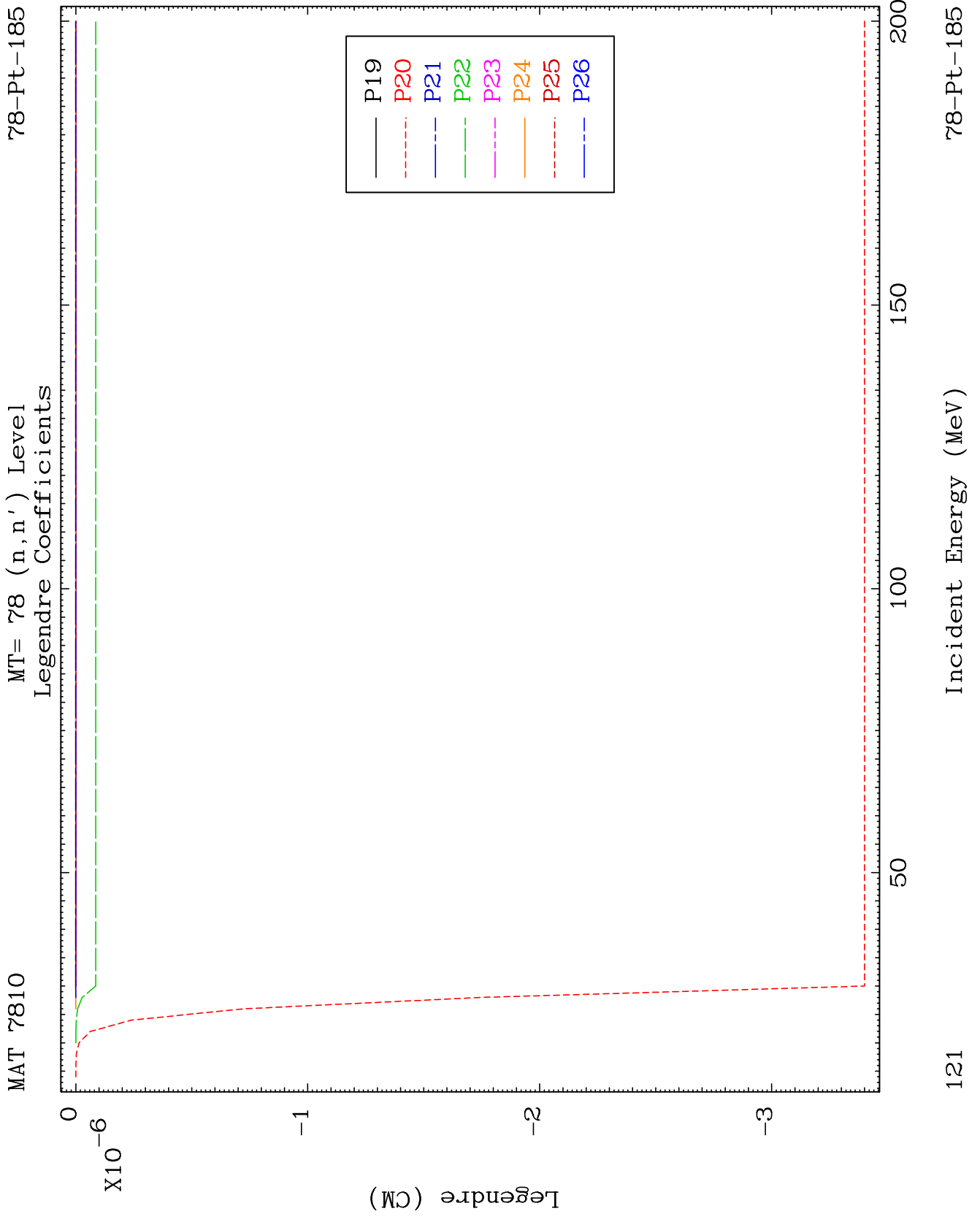
MAT 7810

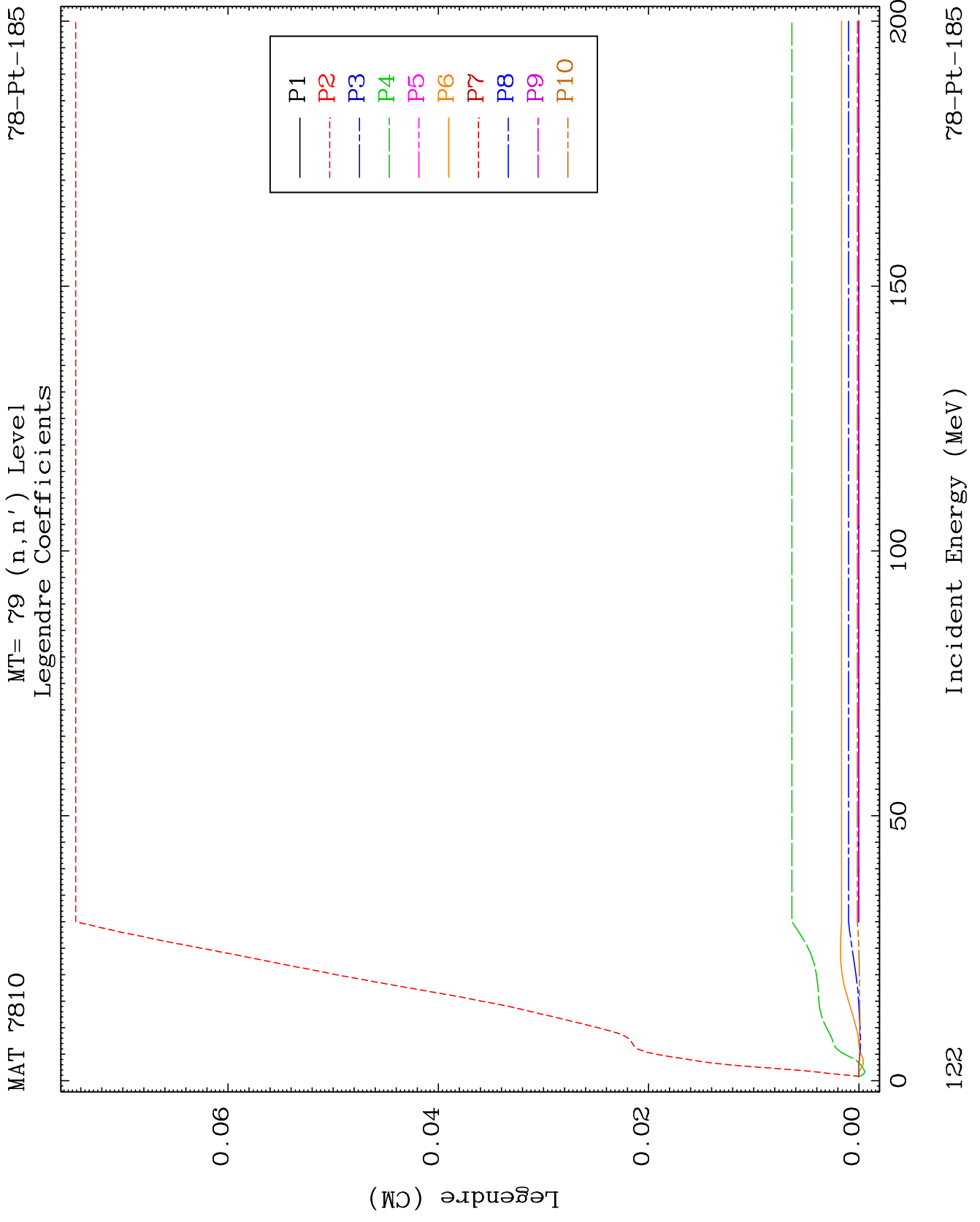
MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-185





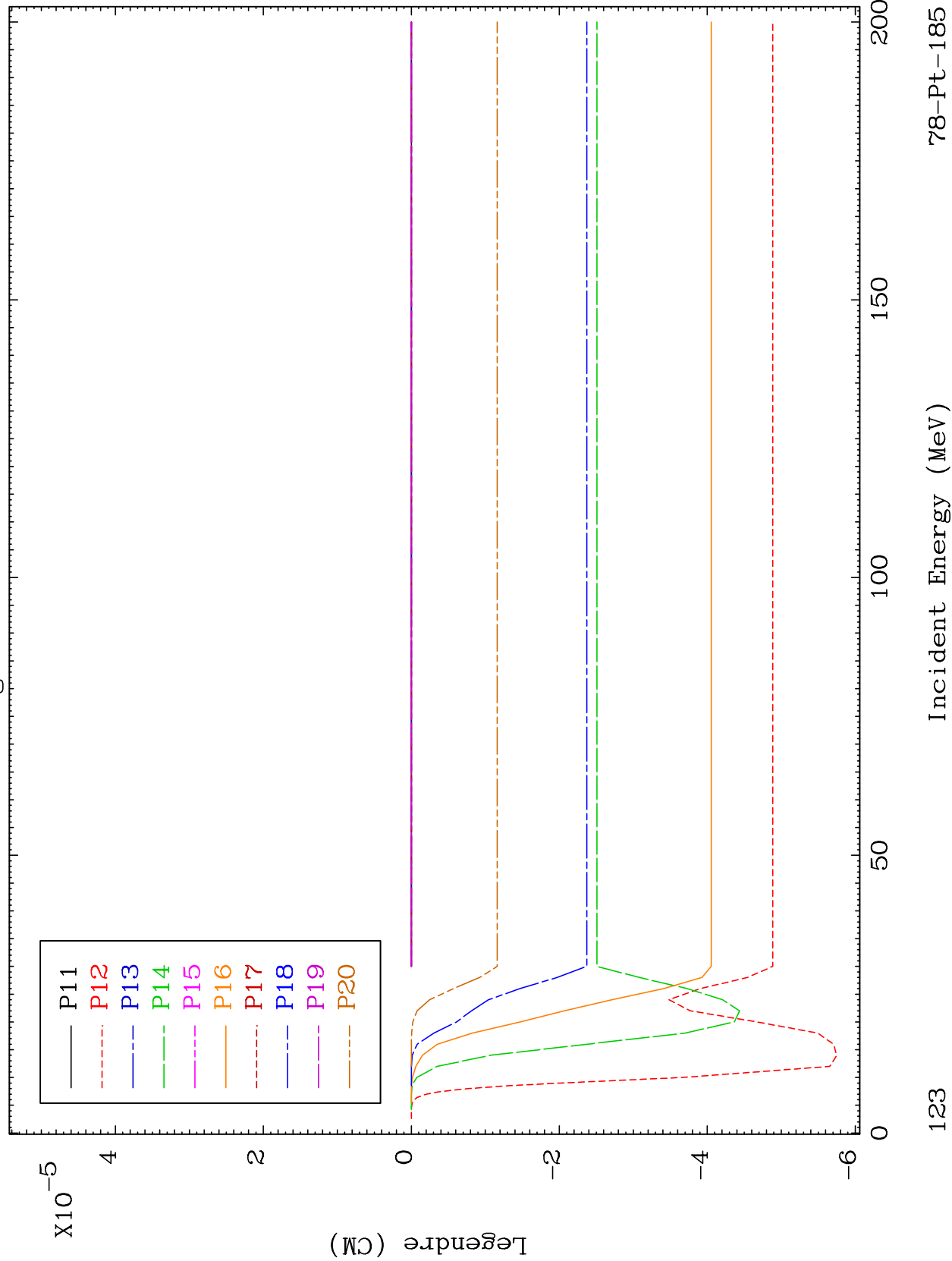




MAT 7810

78-Pt-185

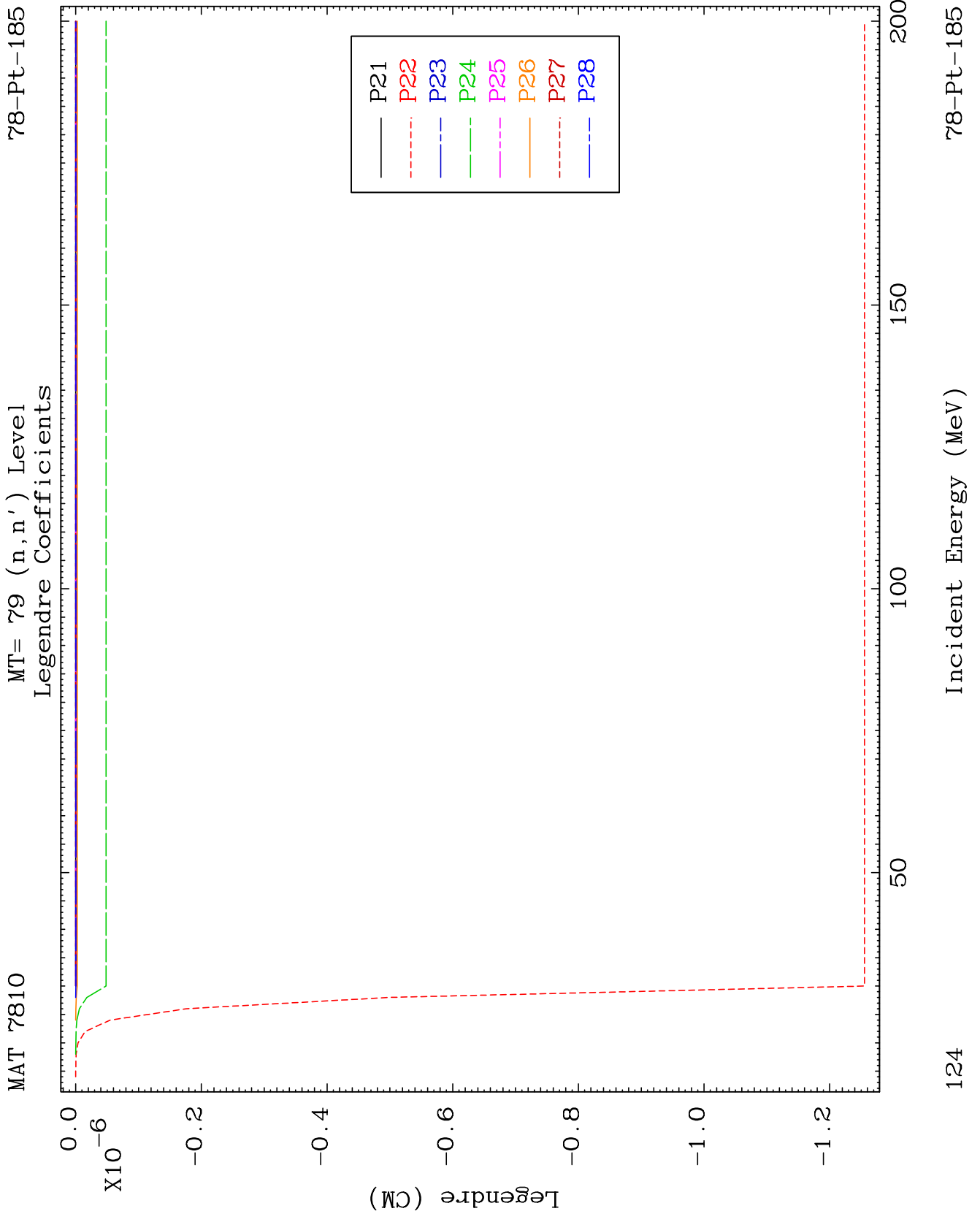
MT= 79 (n,n') Level
Legendre Coefficients



123

Incident Energy (MeV)

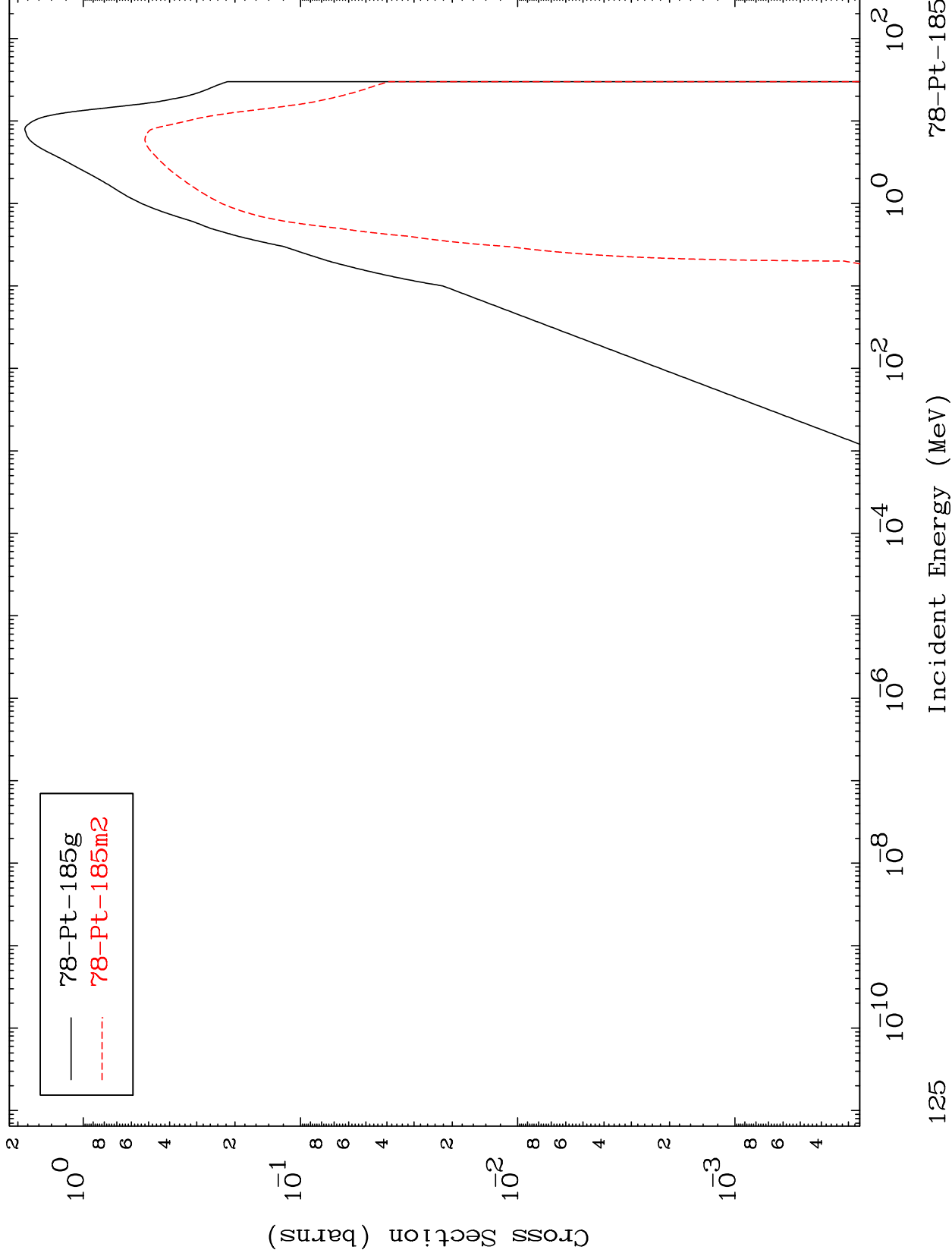
78-Pt-185



MAT 7810

Inelastic
Radionuclide Production Cross Section

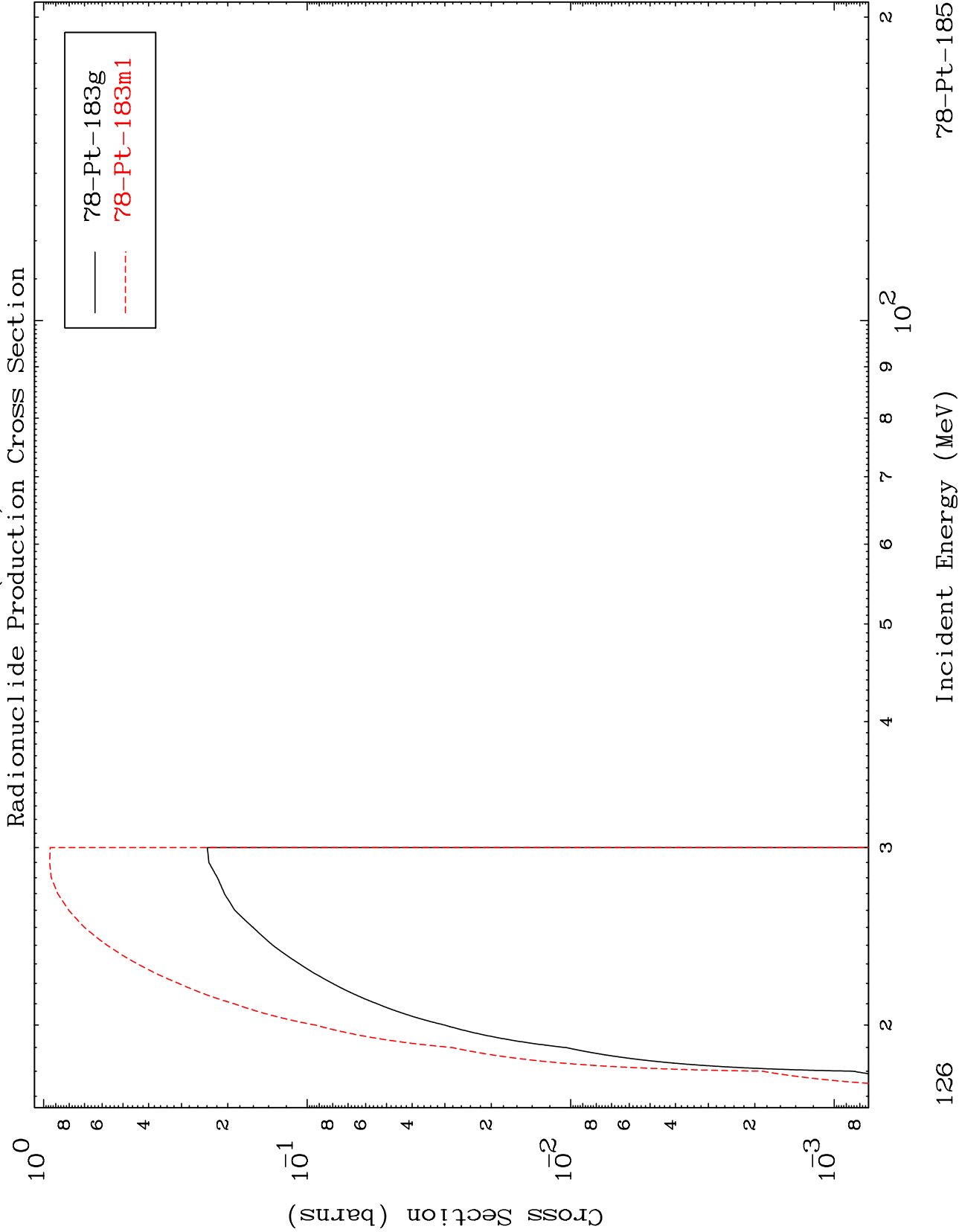
78-Pt-185



125

Incident Energy (MeV)

78-Pt-185

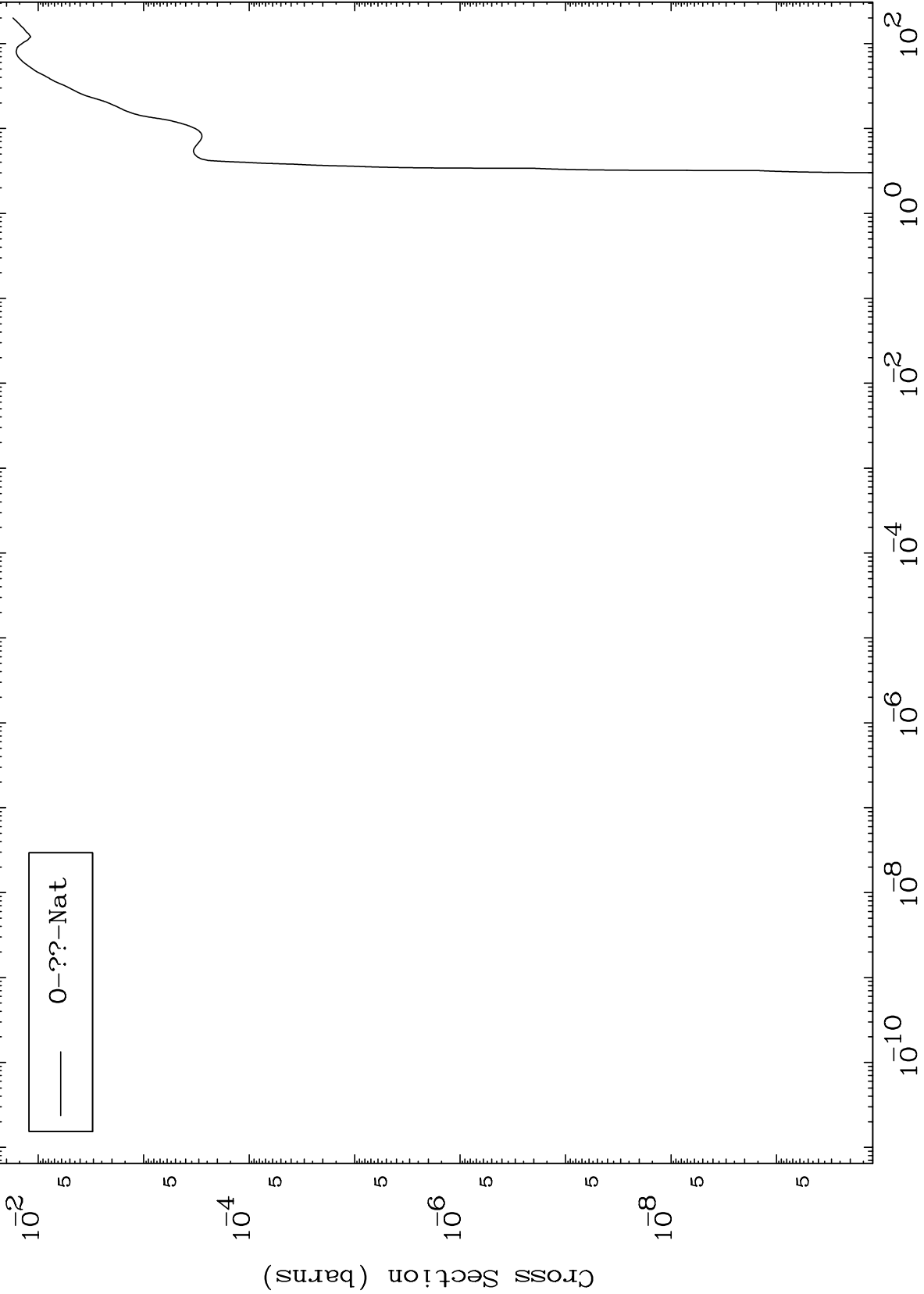


MAT 7810

Fission

78-Pt-185

Radionuclide Production Cross Section

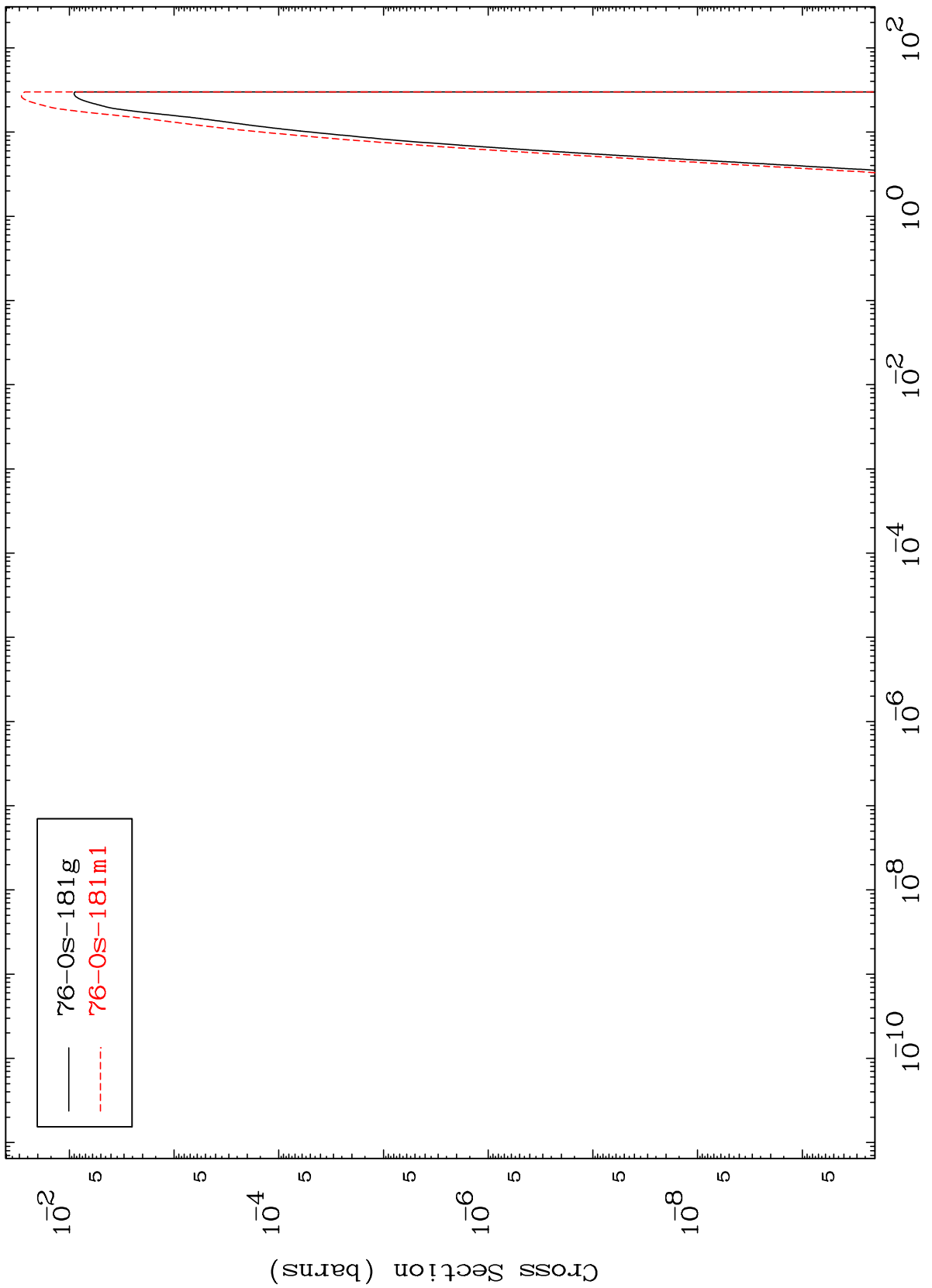


MAT 7810

(n, n') α

78-Pt-185

Radionuclide Production Cross Section

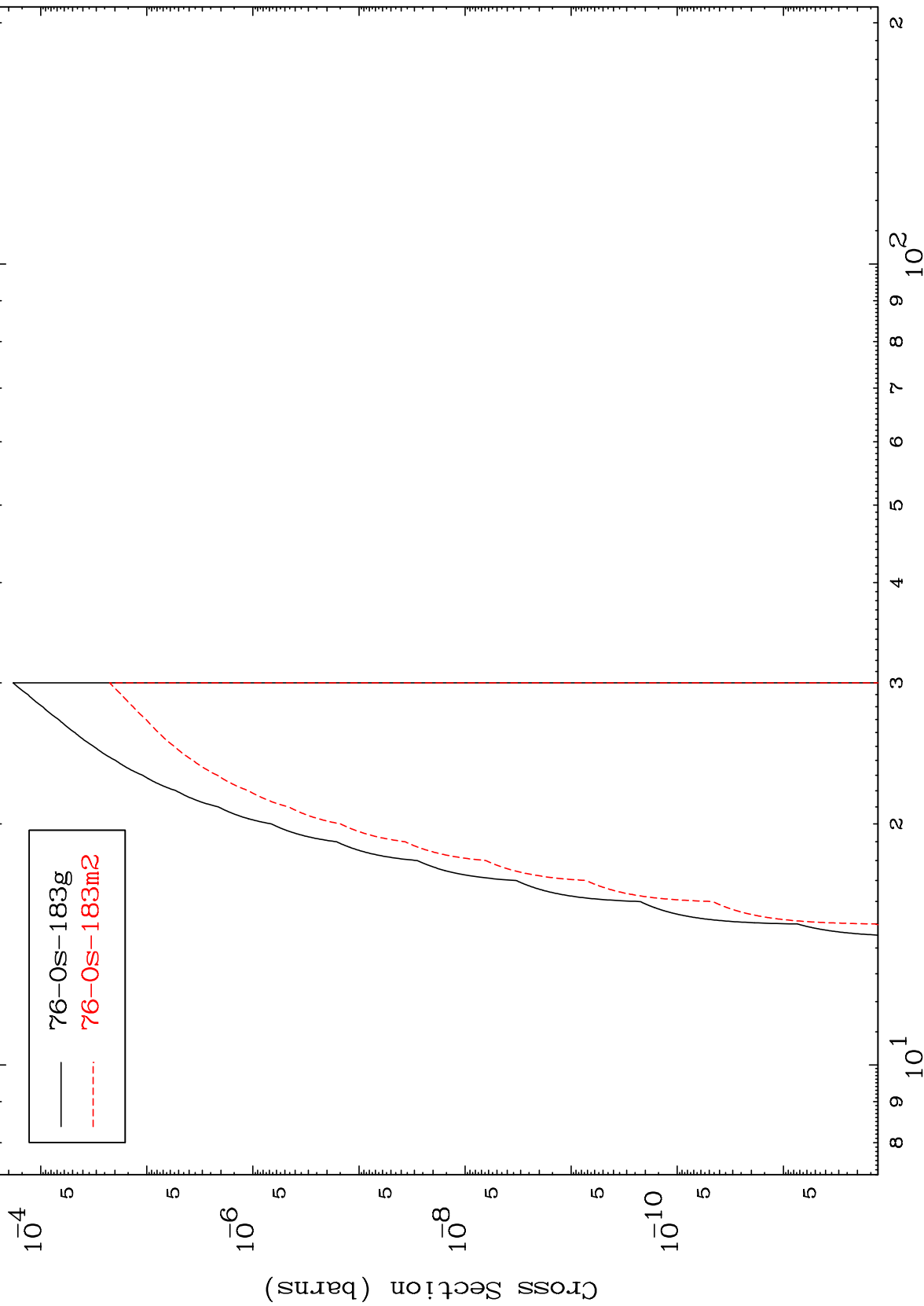


MAT 7810

(n,2n) p

78-Pt-185

Radionuclide Production Cross Section



129

Incident Energy (MeV)

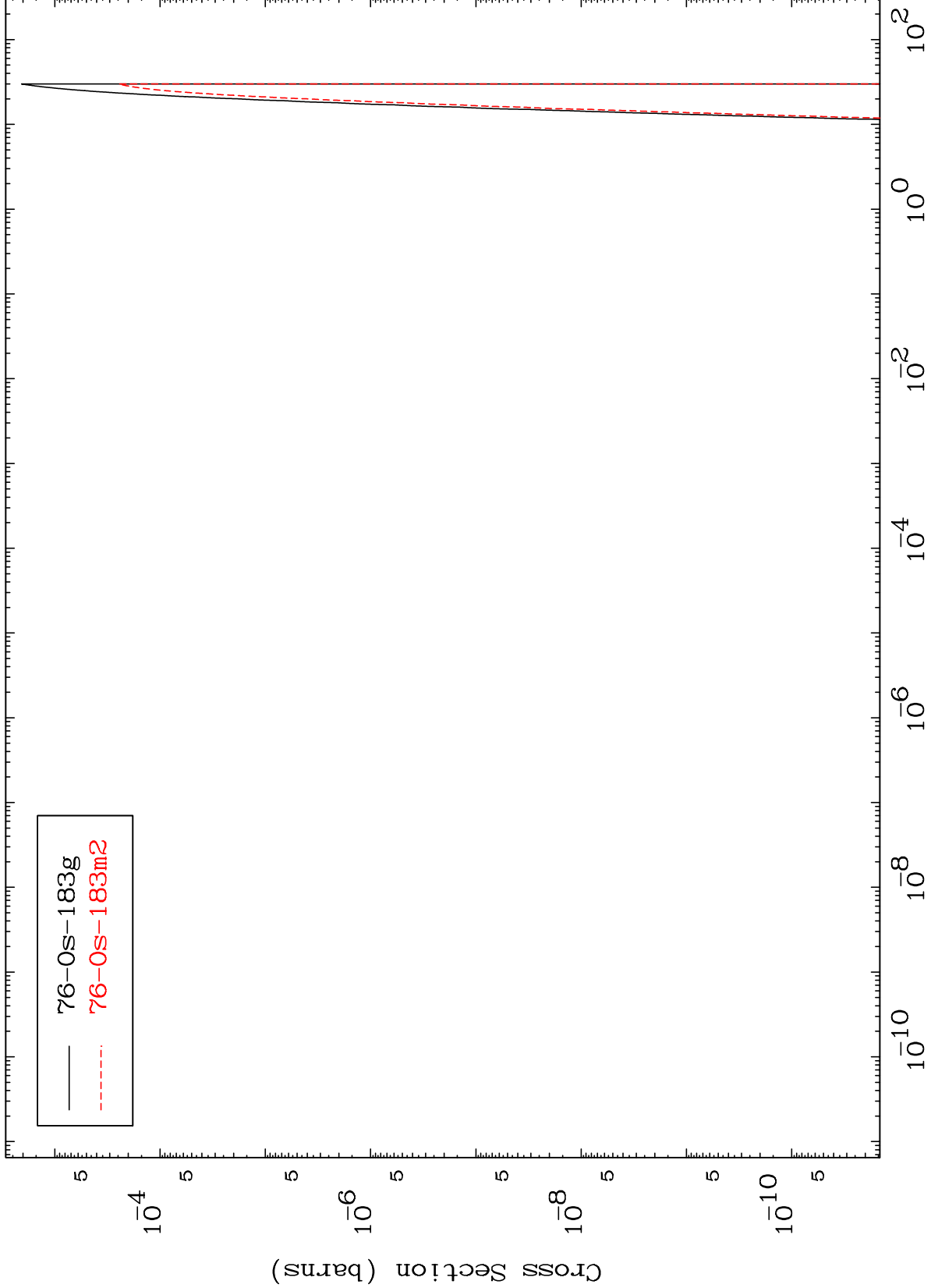
78-Pt-185

MAT 7810

(n,He-3)

78-Pt-185

Radionuclide Production Cross Section



130

Incident Energy (MeV)

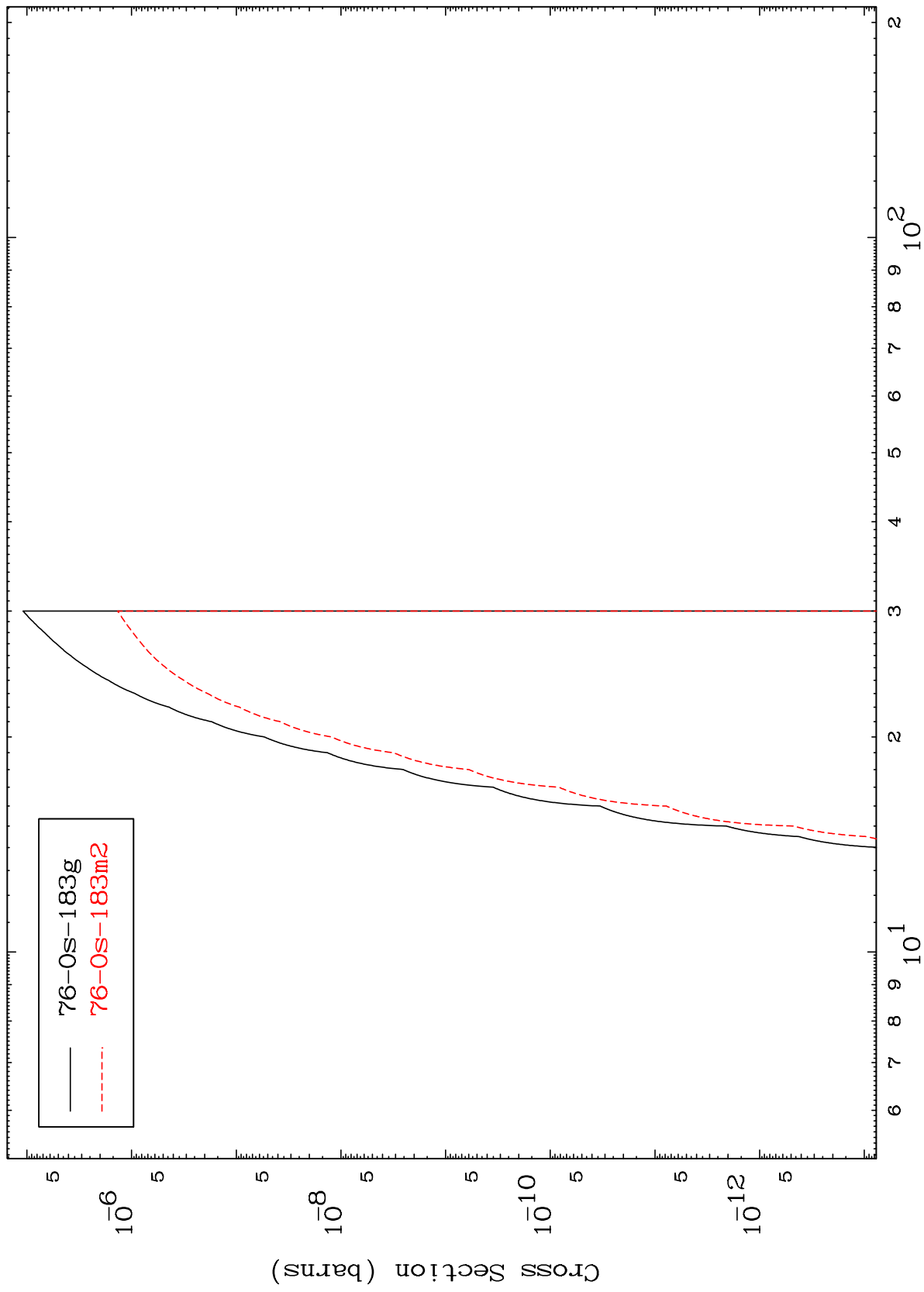
78-Pt-185

MAT 7810

(n,p) d

78-Pt-185

Radionuclide Production Cross Section



131

Incident Energy (MeV)

78-Pt-185