

Program EVALPLOT
(Version 2017-1)

by

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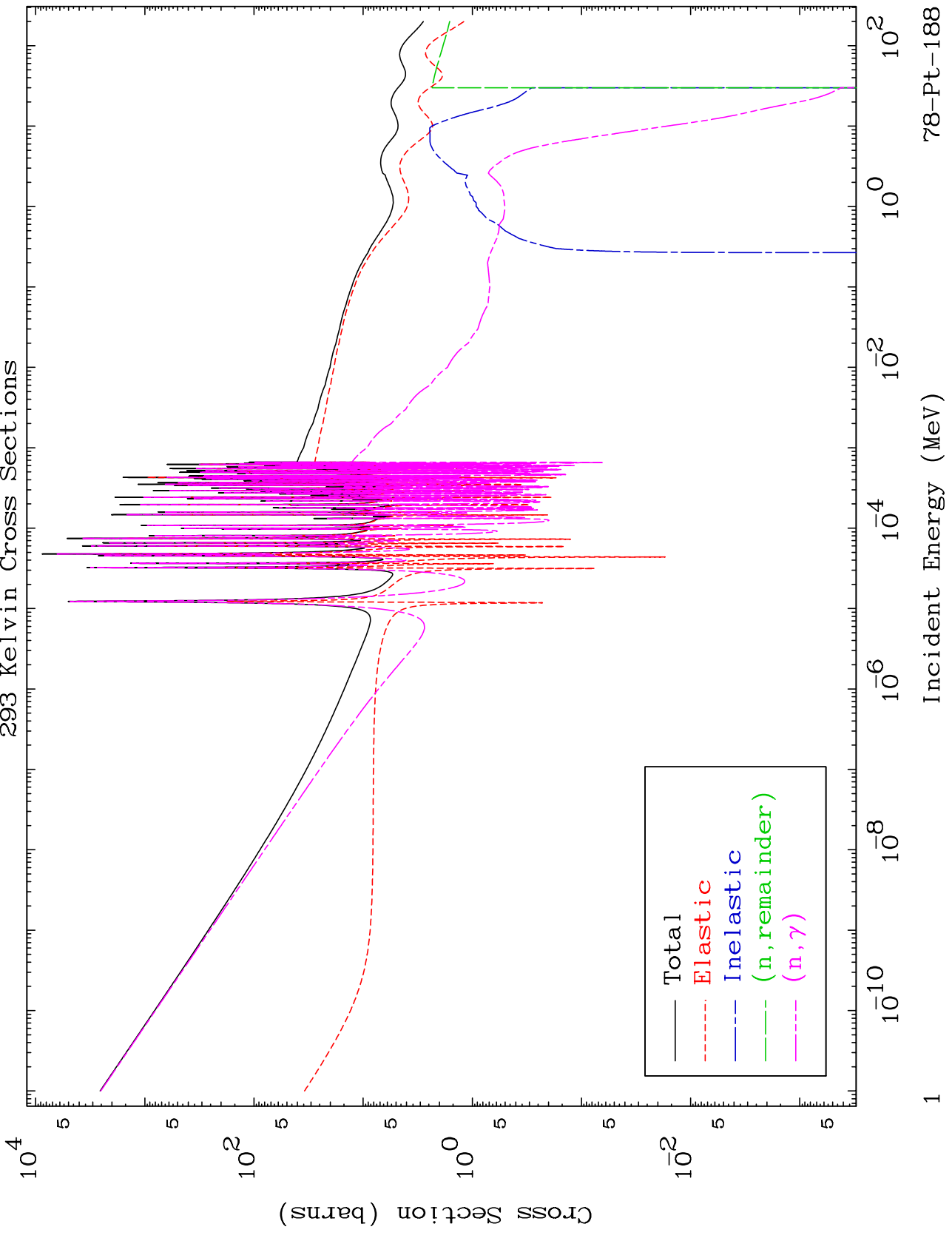
Press Mouse Button to Start

MAT 7819

Major

293 Kelvin Cross Sections

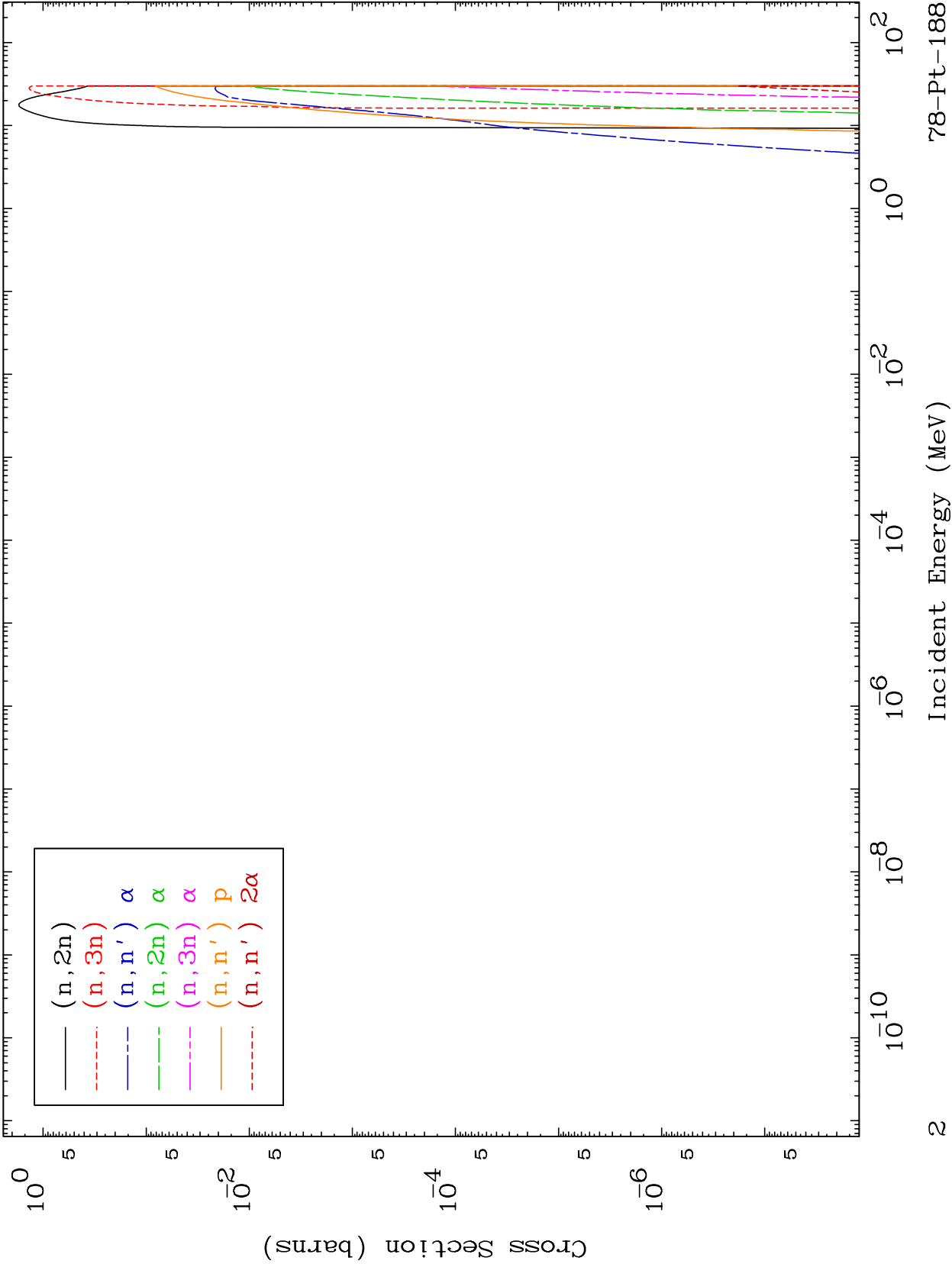
78-Pt-188

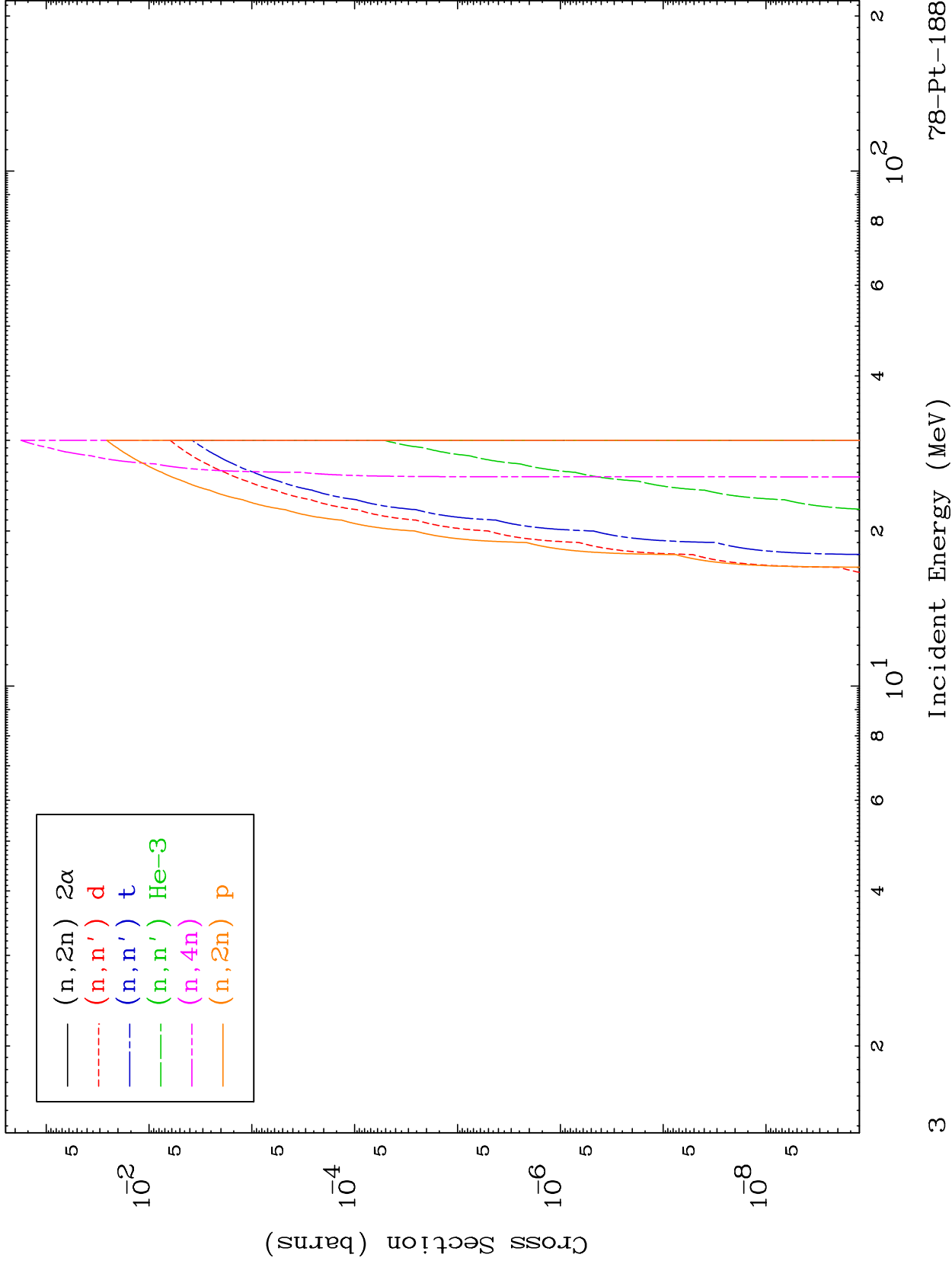


MAT 7819

Neutron Production
293 Kelvin Cross Sections

78-Pt-188

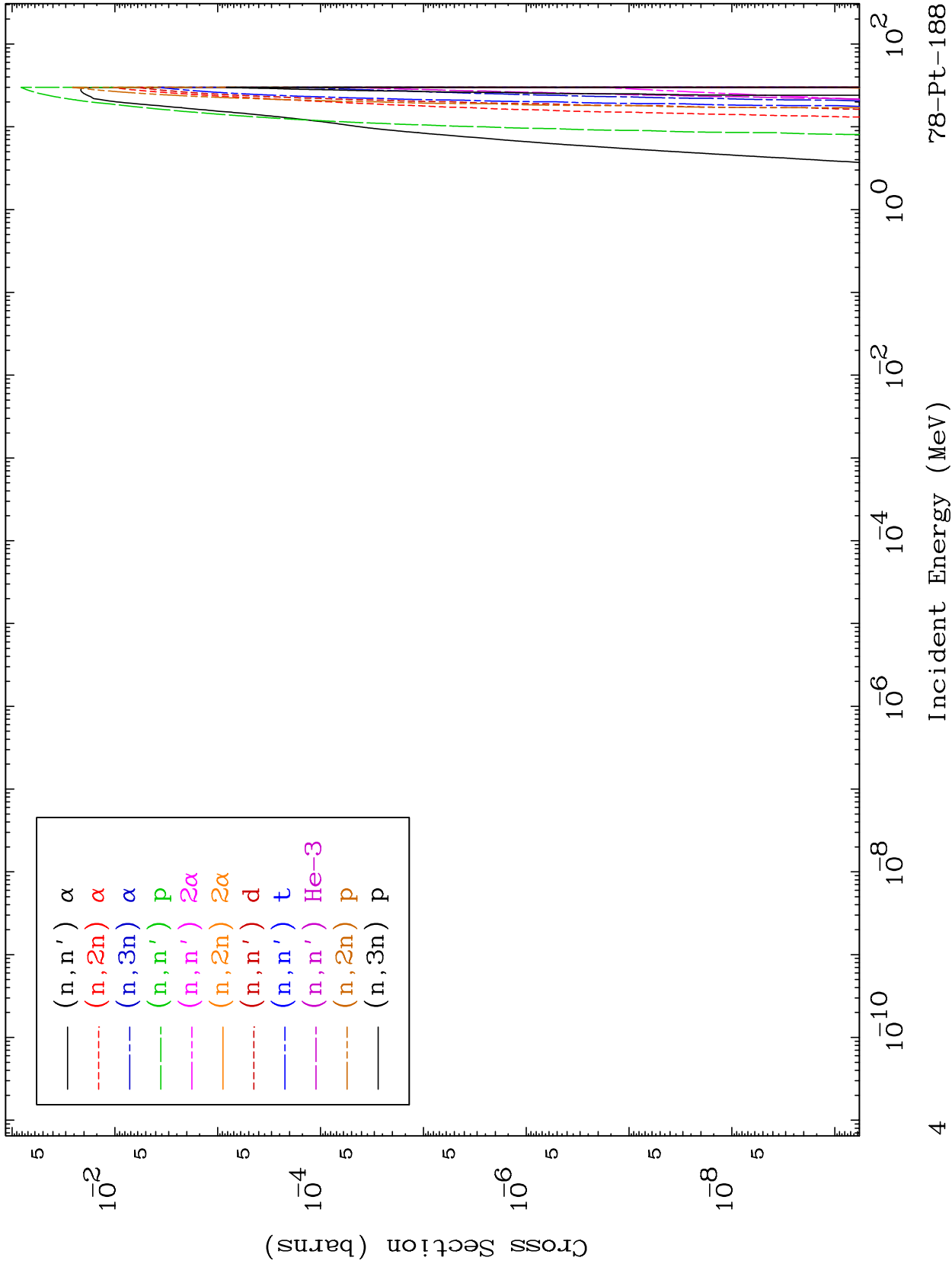




MAT 7819

Charged Particle
293 Kelvin Cross Sections

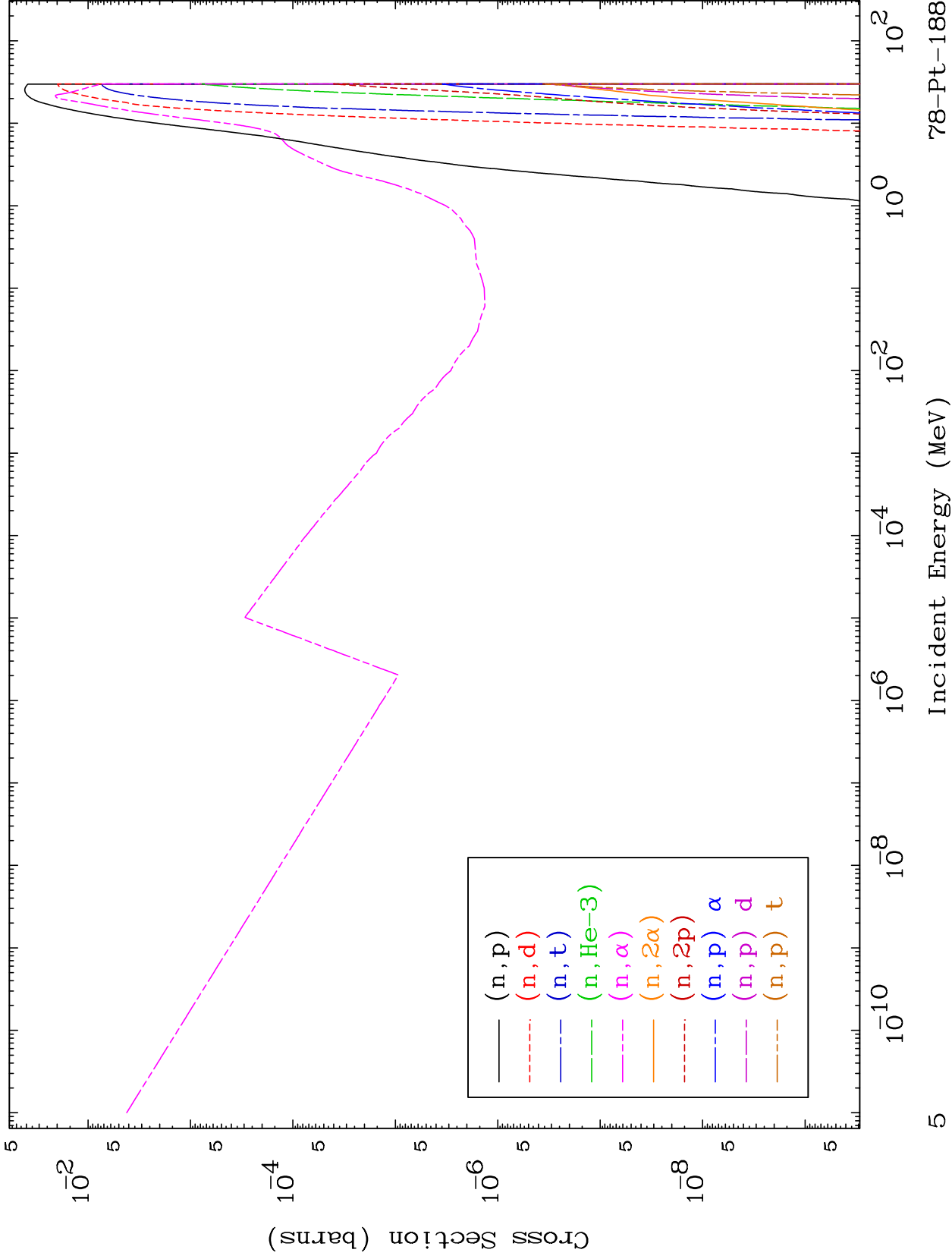
78-Pt-188



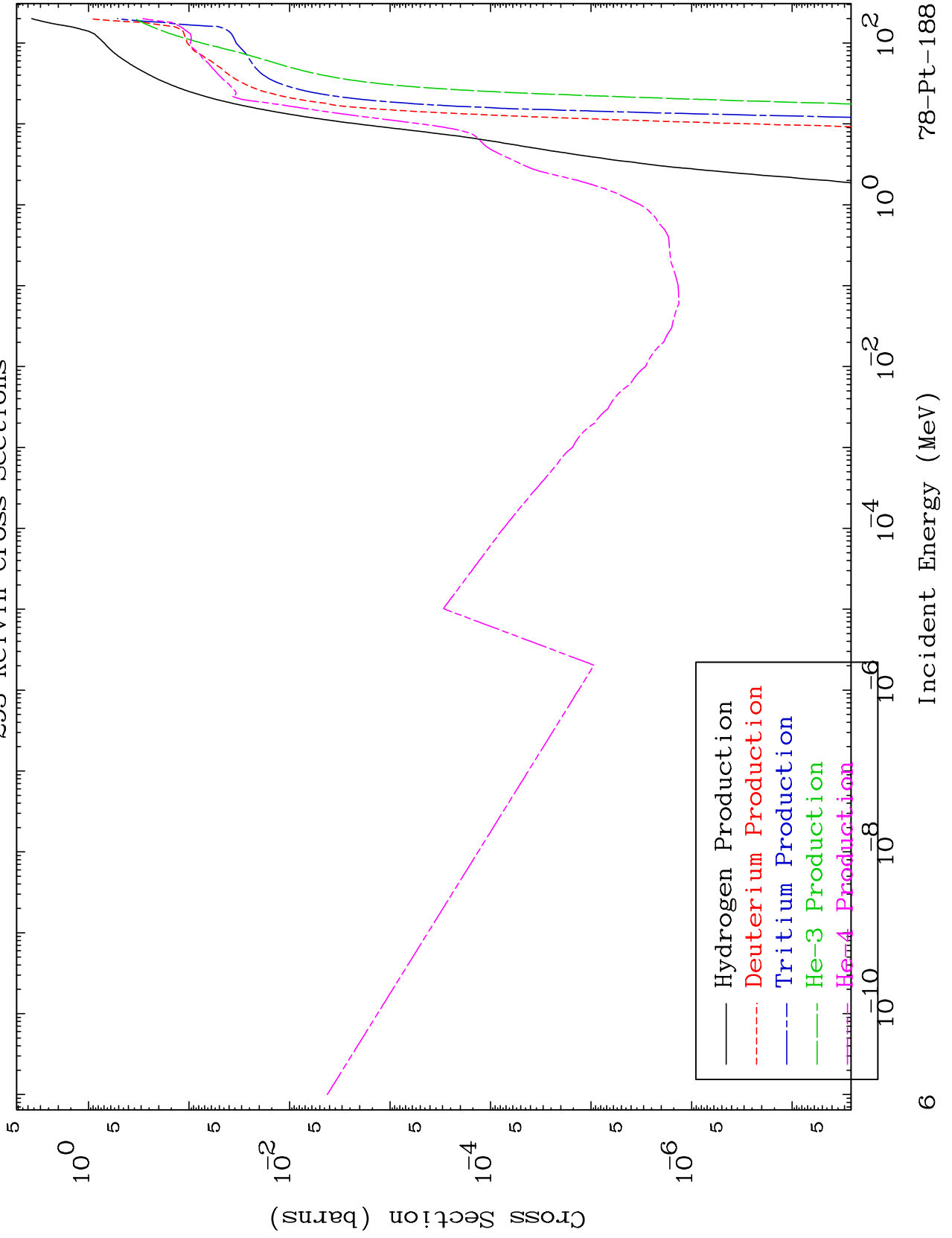
MAT 7819

Charged Particle
293 Kelvin Cross Sections

78-Pt-188



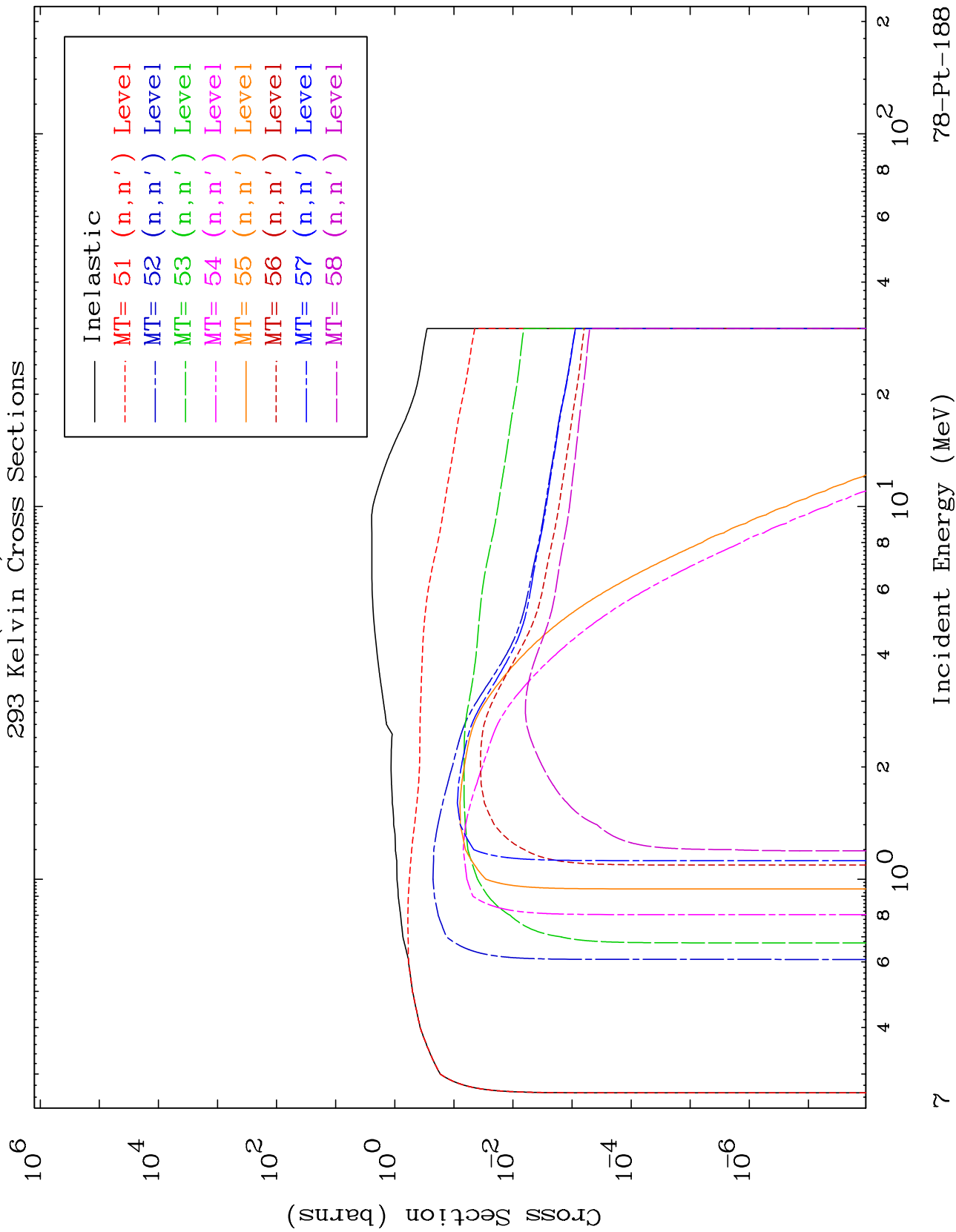
5



MAT 7819

(n,n') Level

78-Pt-188

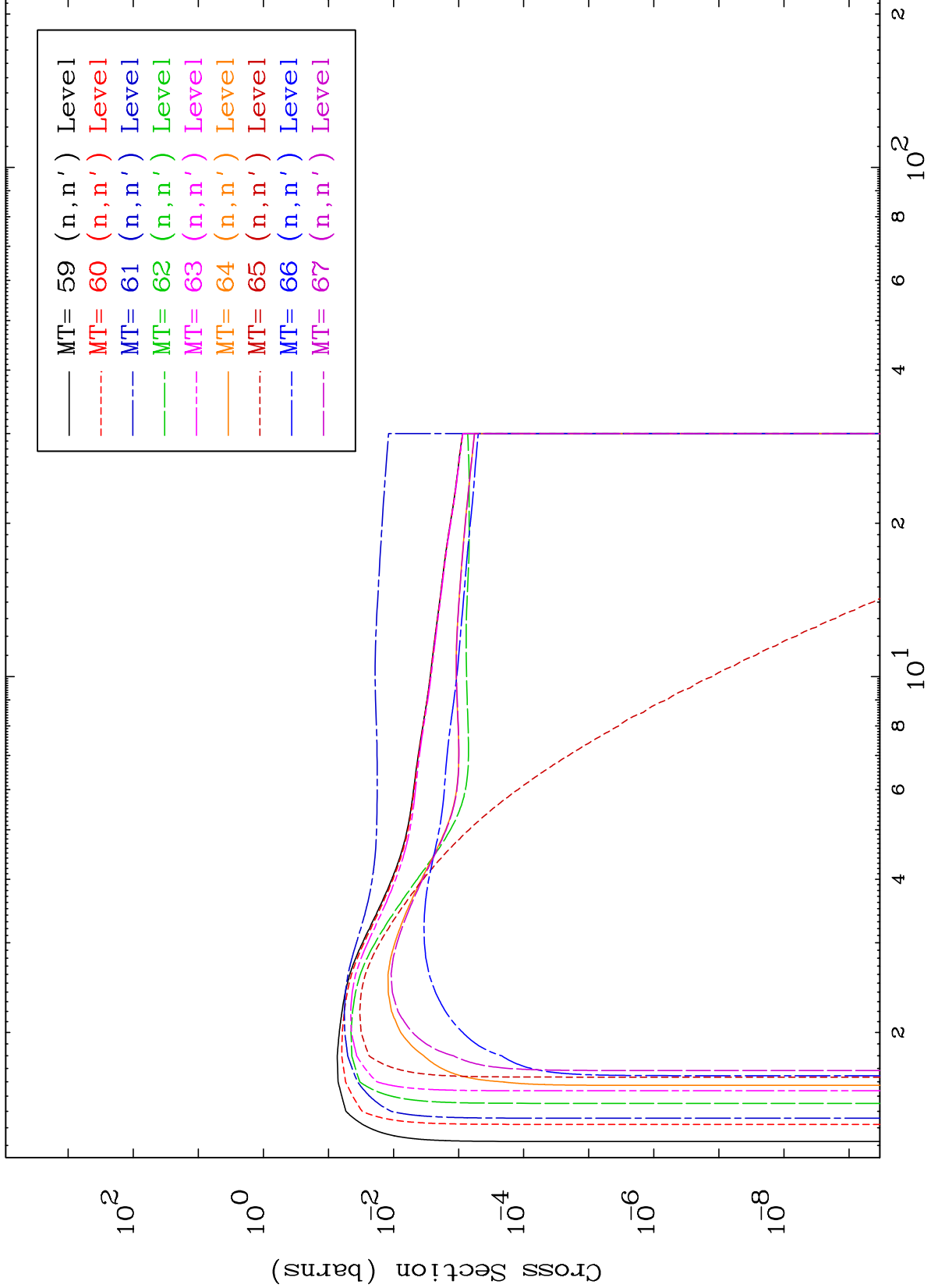


MAT 7819

(n,n') Level

78-Pt-188

293 Kelvin Cross Sections



8

Incident Energy (MeV)

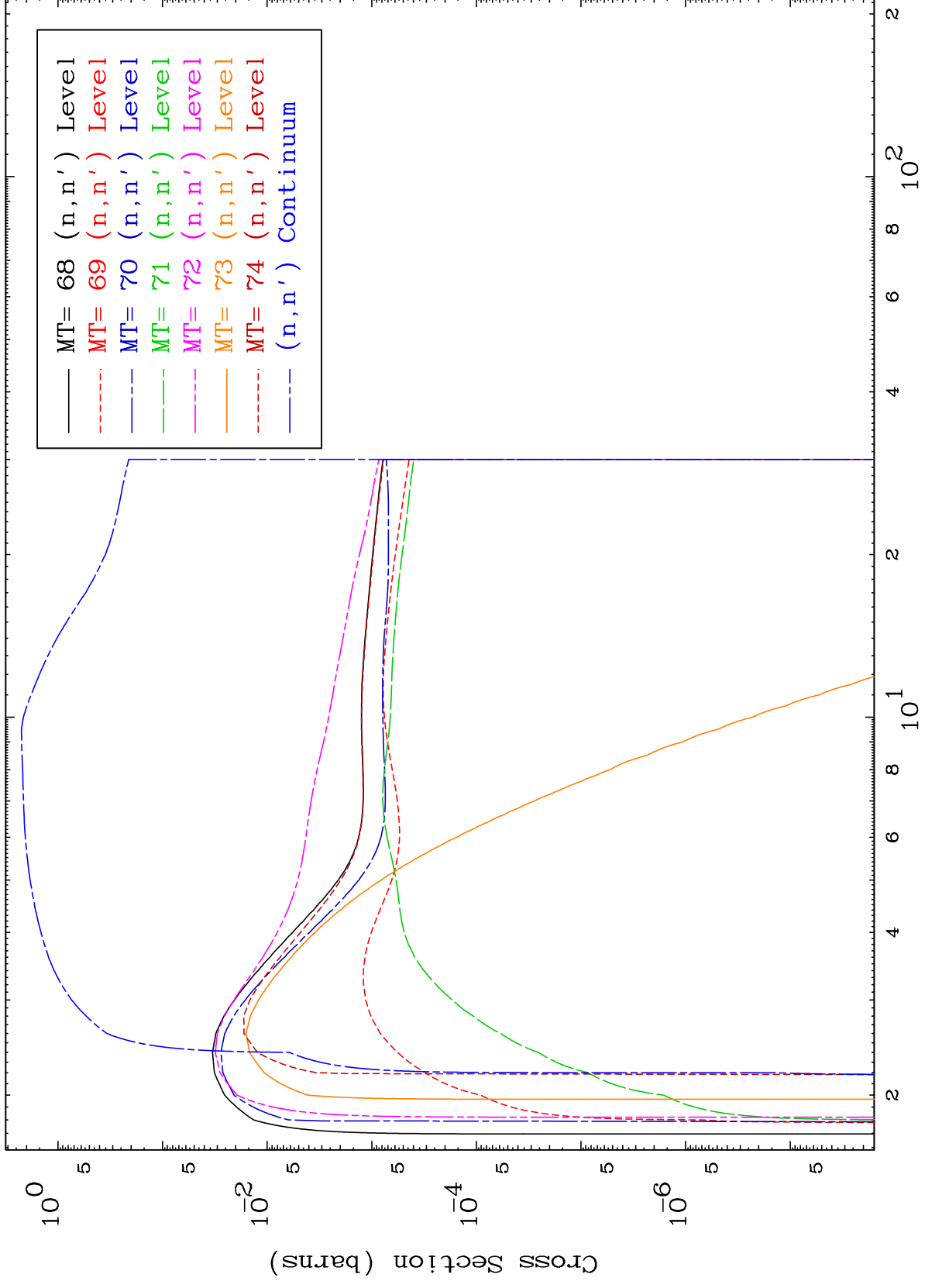
78-Pt-188

MAT 7819

(n,n') Level

78-Pt-188

293 Kelvin Cross Sections



9

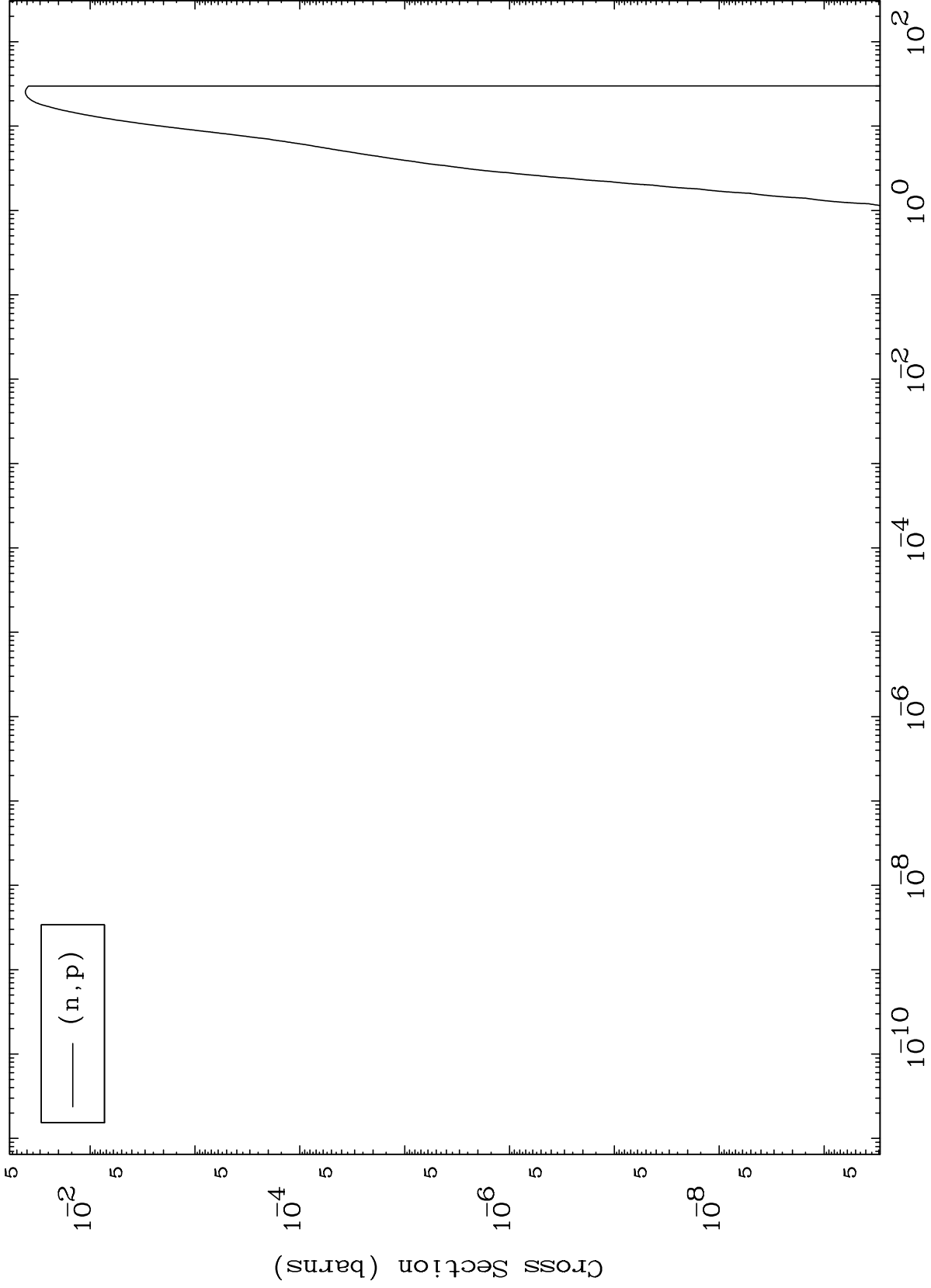
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-188



10

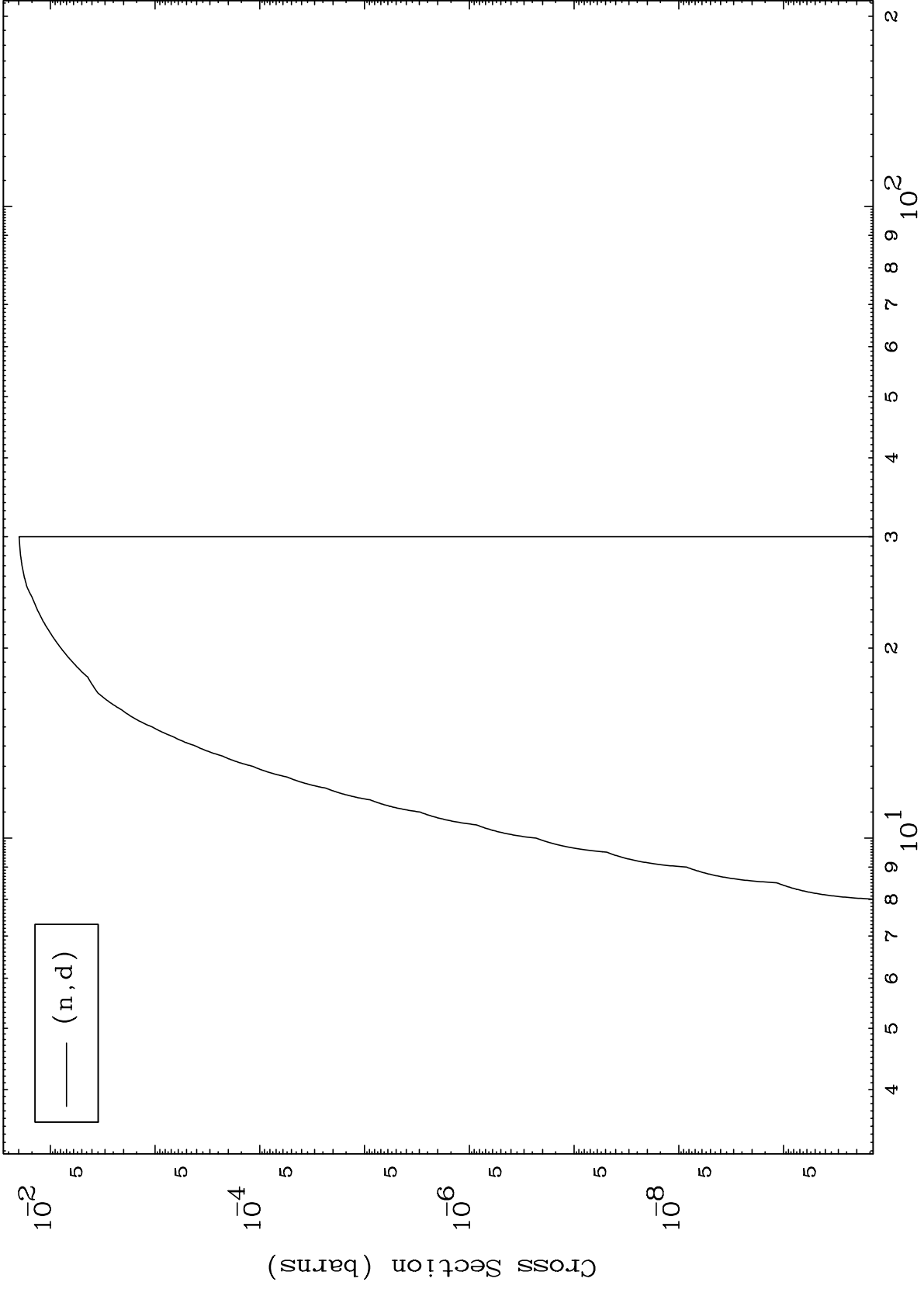
Incident Energy (MeV)

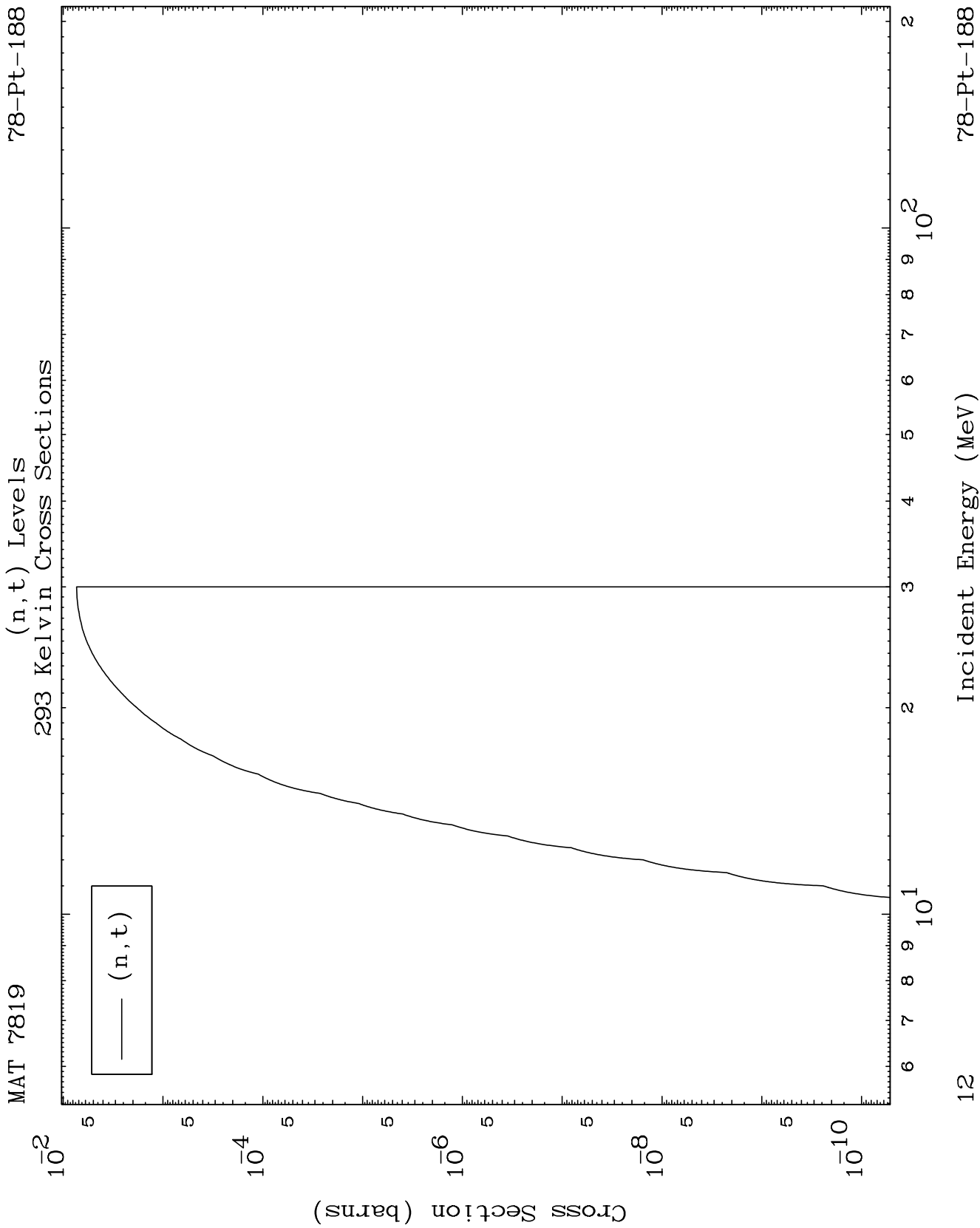
78-Pt-188

MAT 7819

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-188

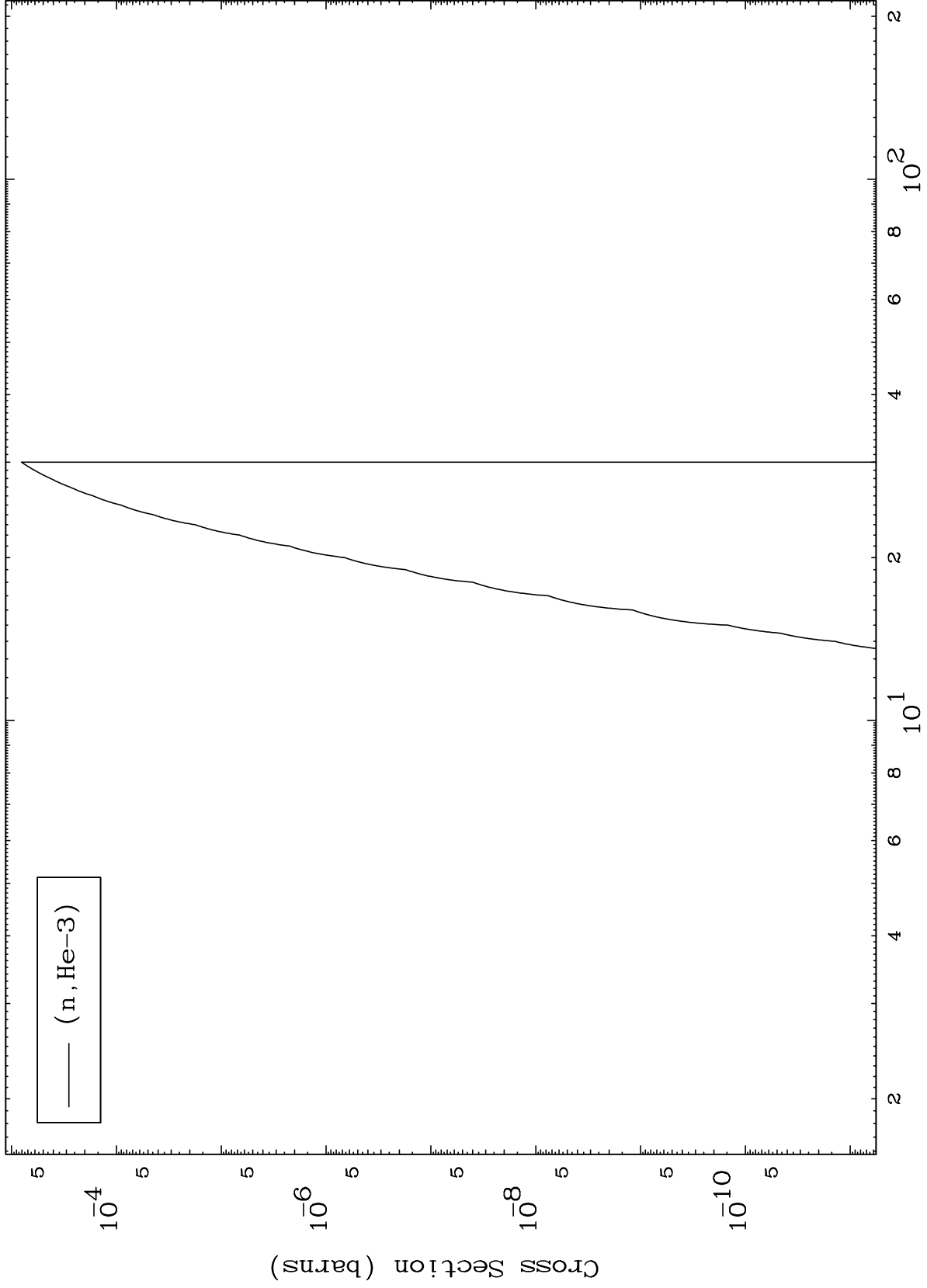




MAT 7819

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-188



13

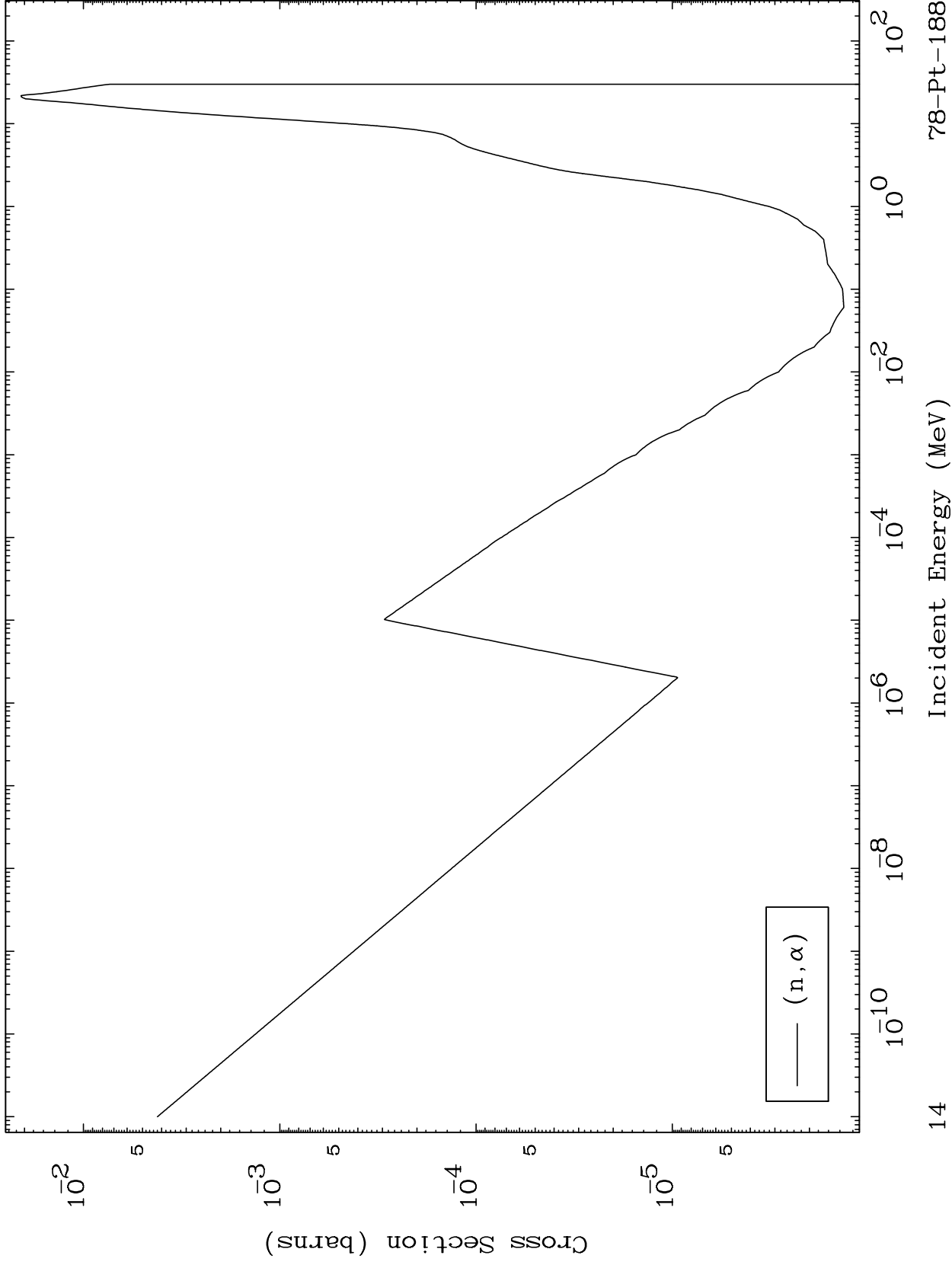
Incident Energy (MeV)

78-Pt-188

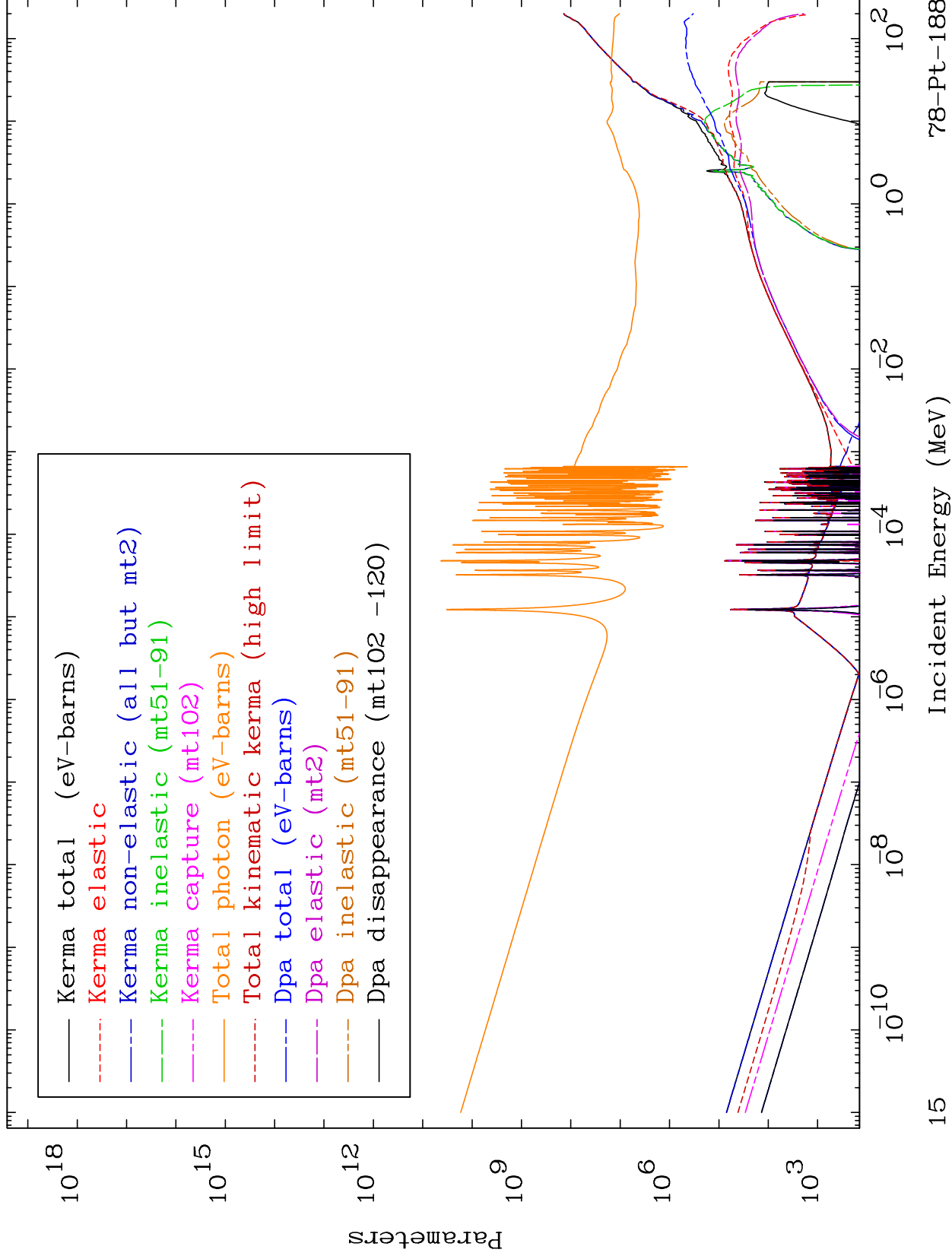
MAT 7819

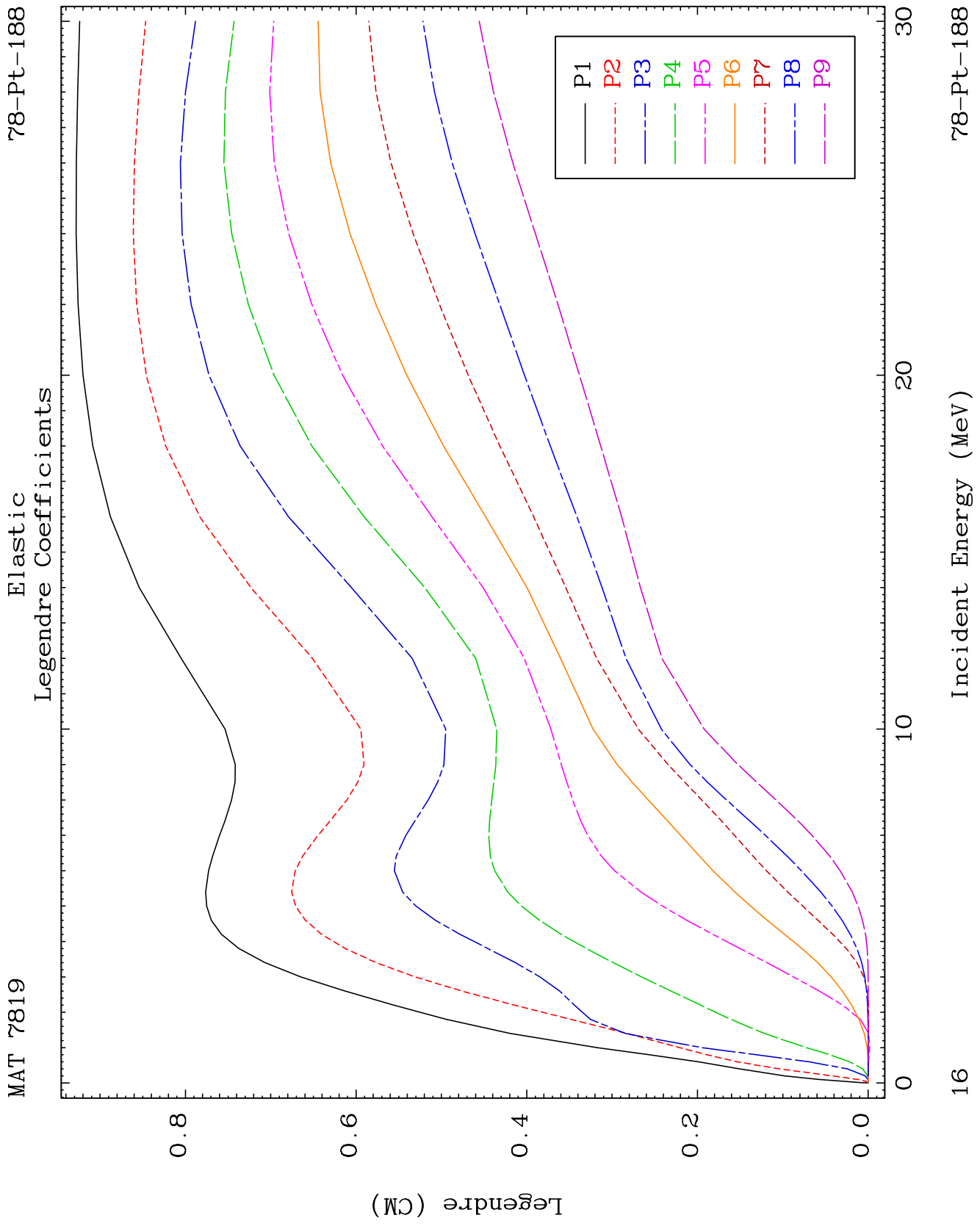
(n,α) Levels
293 Kelvin Cross Sections

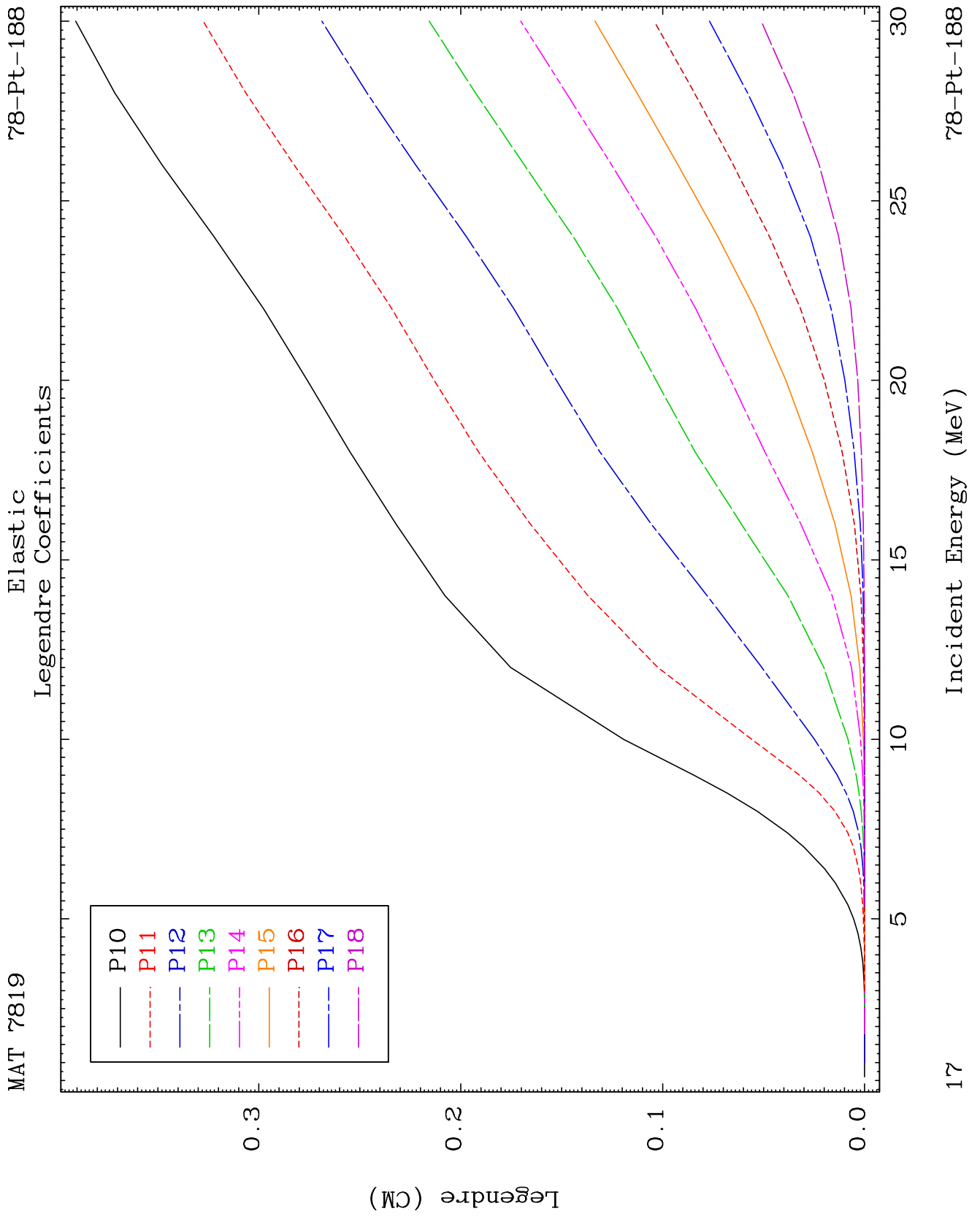
78-Pt-188



14



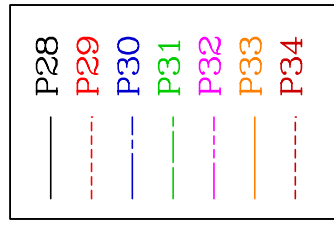




MAT 7819

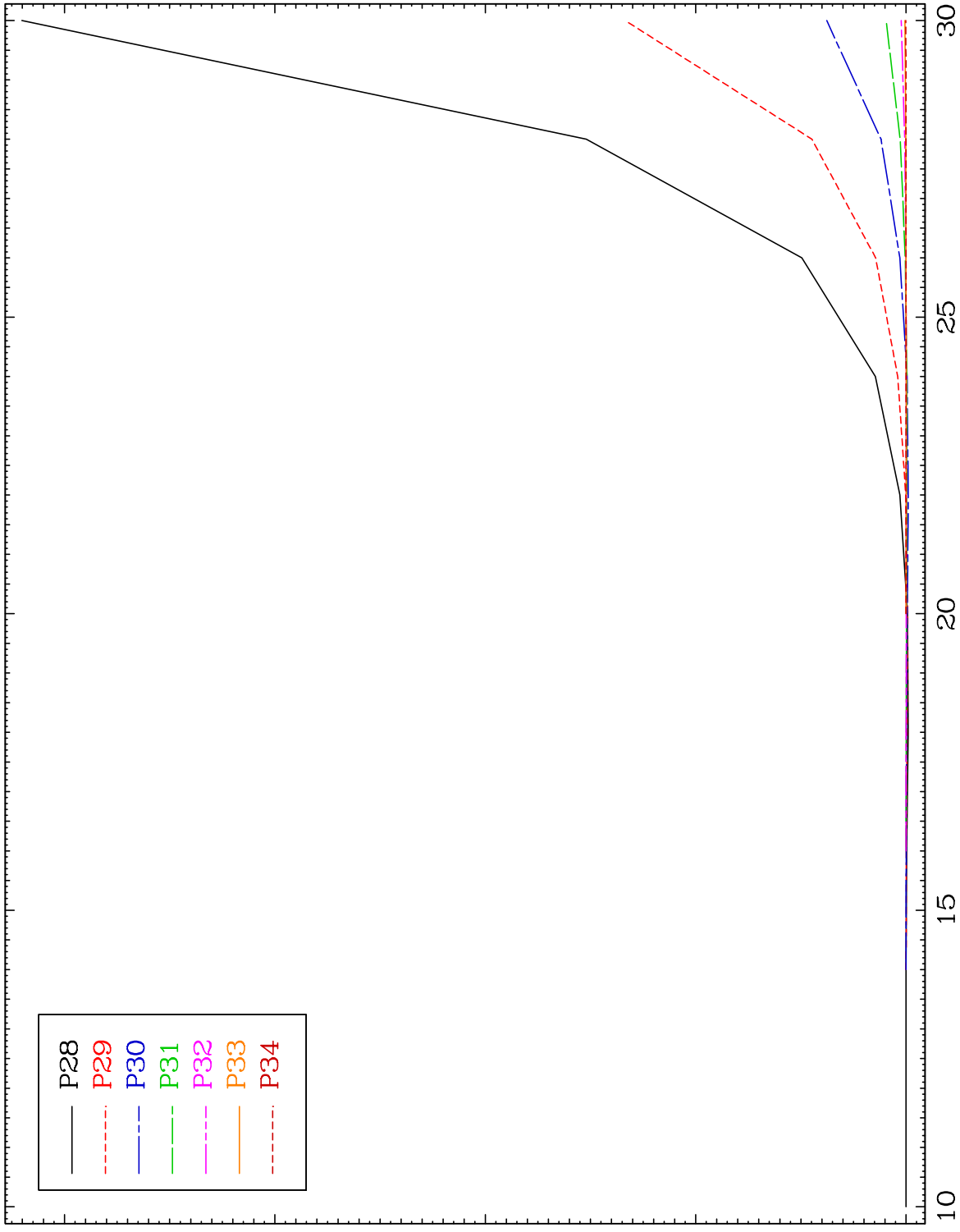
Elastic
Legendre Coefficients

78-Pt-188



$\times 10^{-68}$

Legendre (CM)



10

15

20

25

30

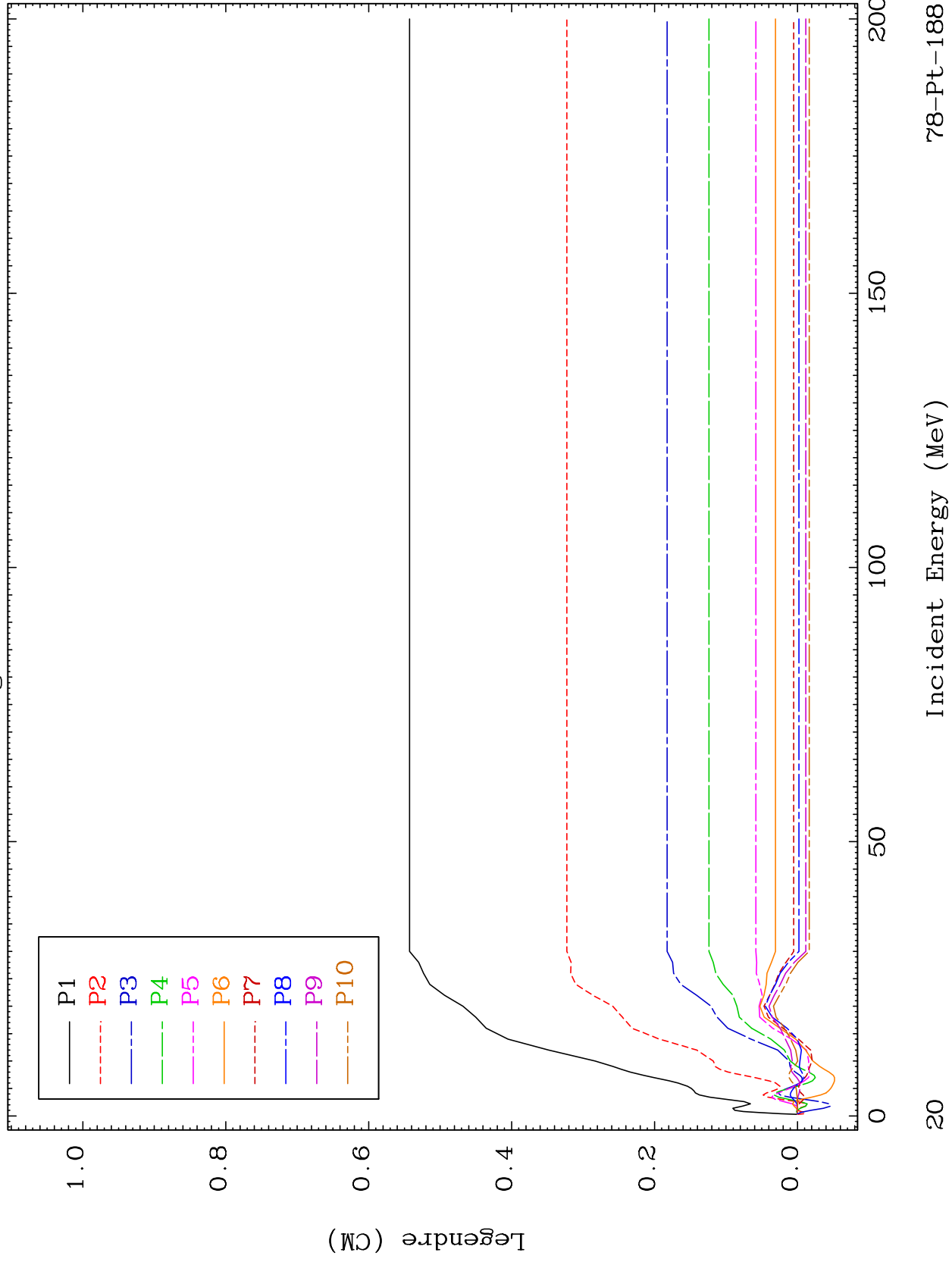
Incident Energy (MeV)

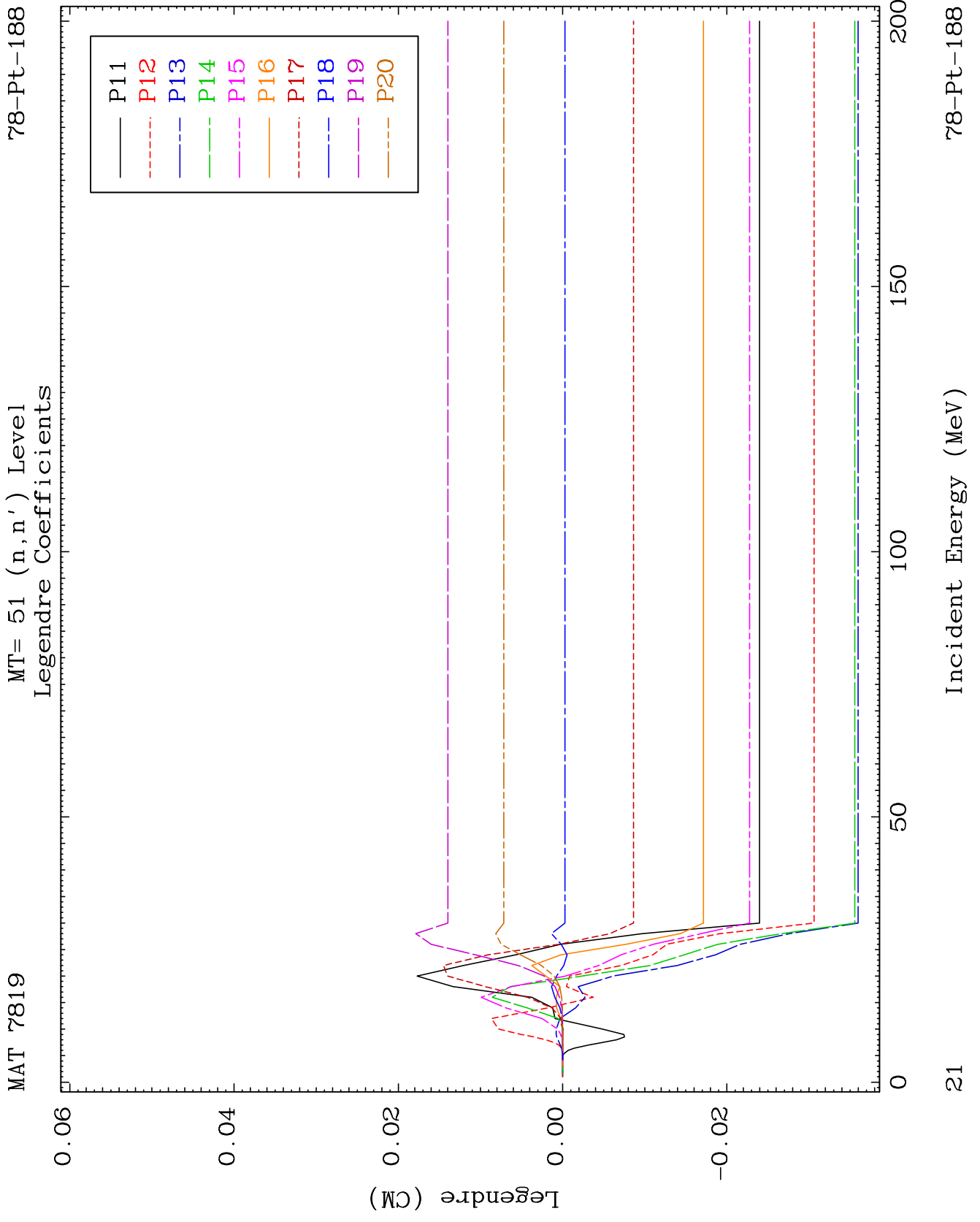
78-Pt-188

MAT 7819

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

78-Pt-188

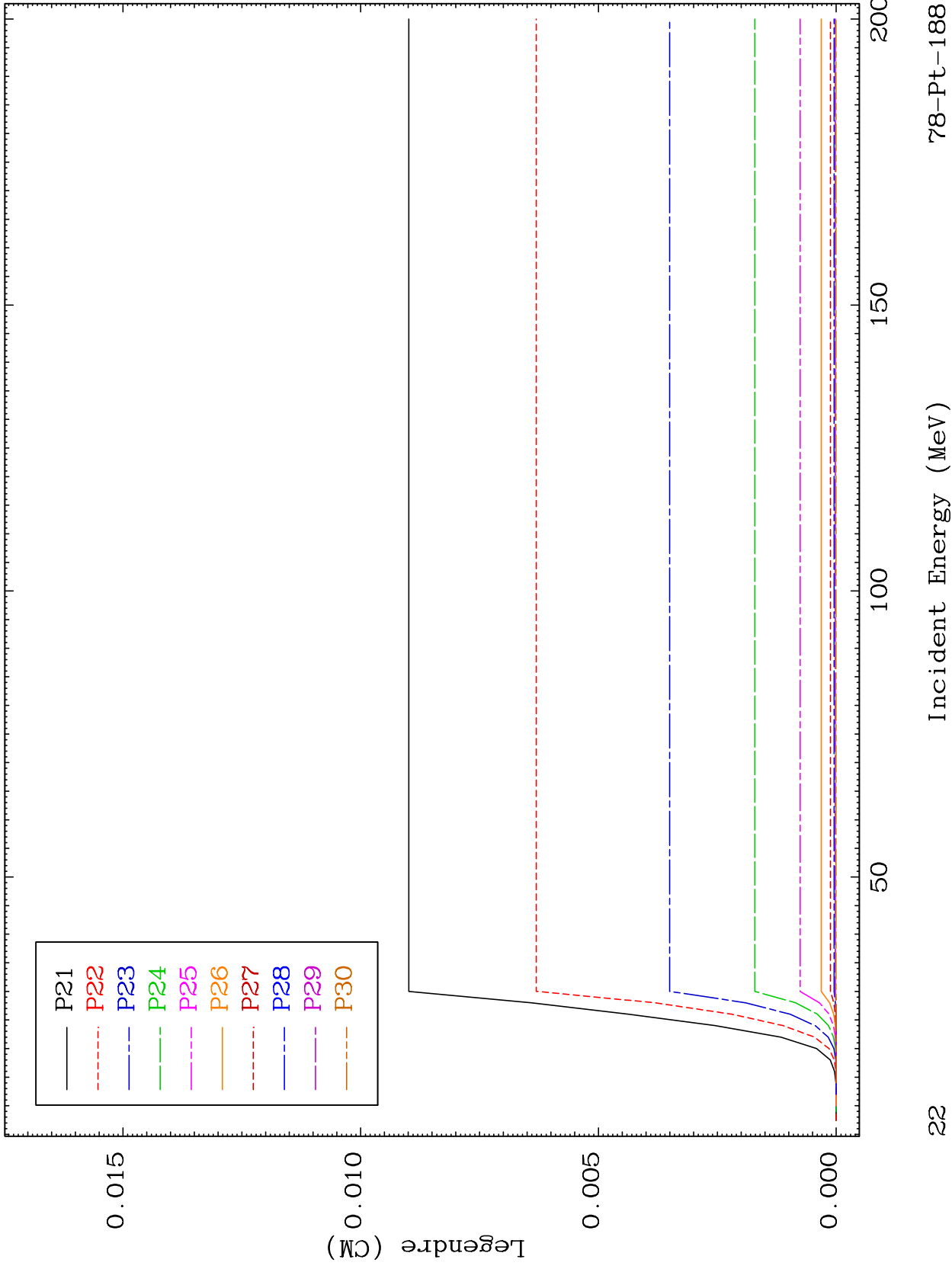




MAT 7819

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

78-Pt-188



22

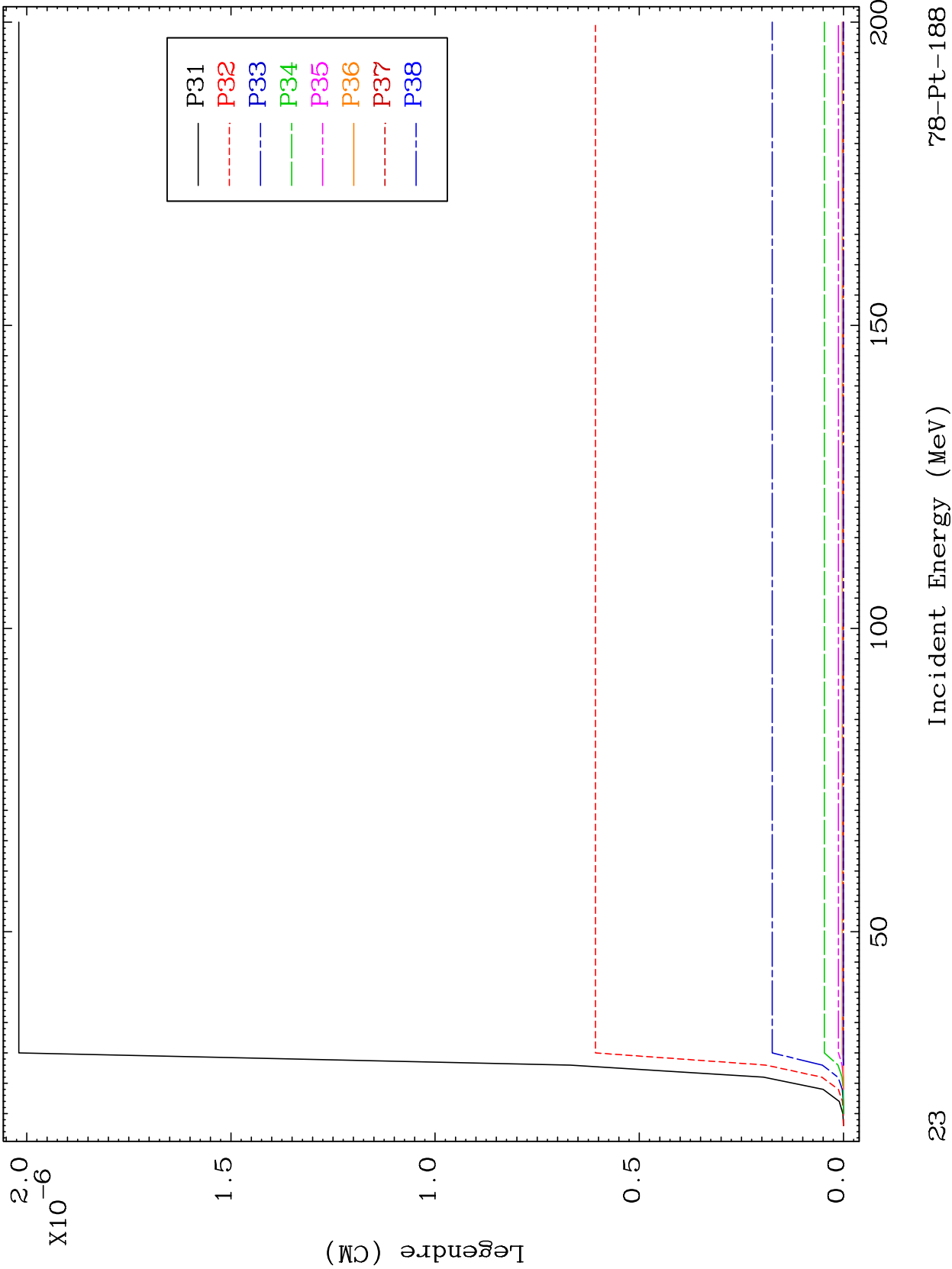
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



23

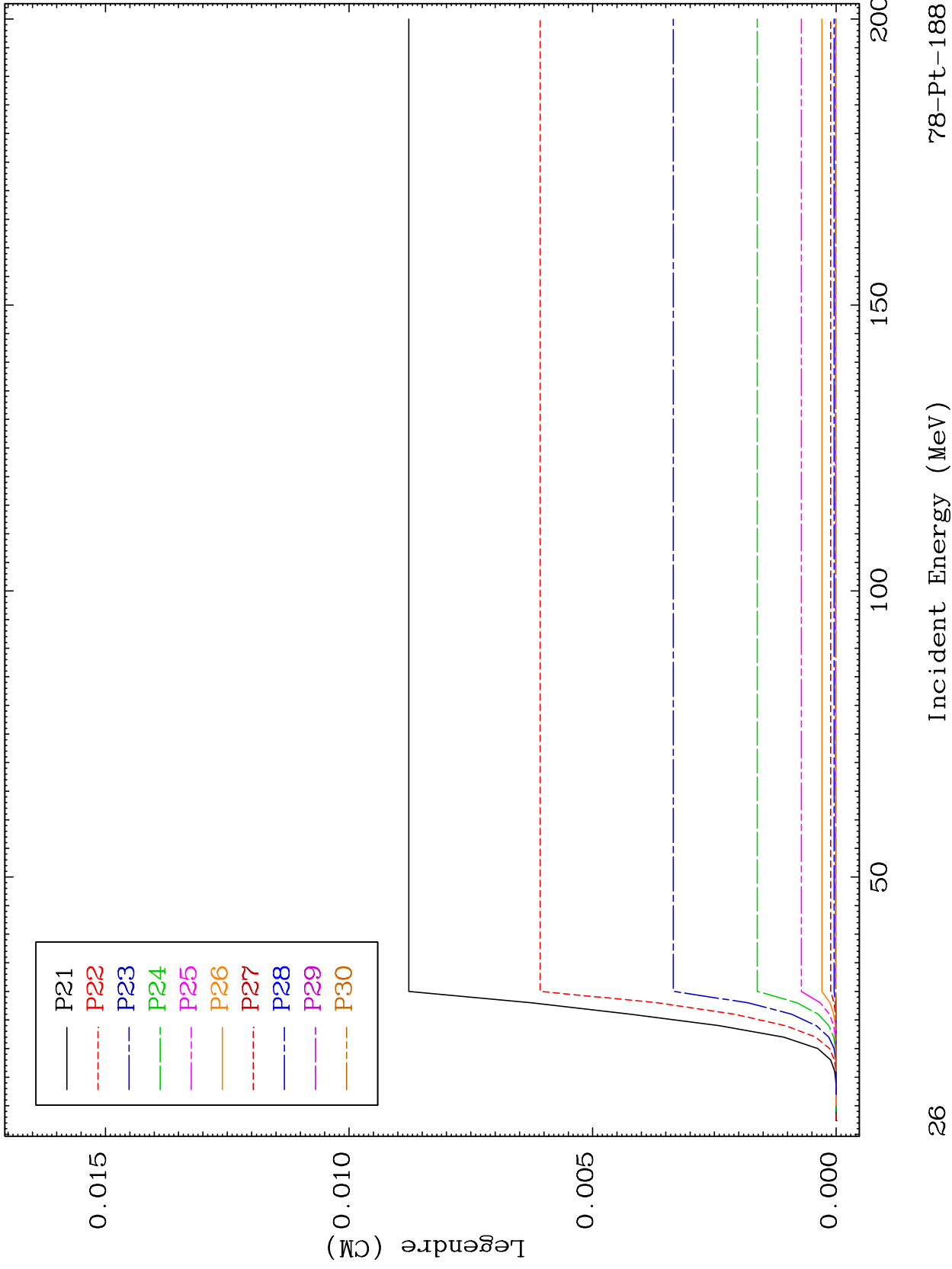
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



26

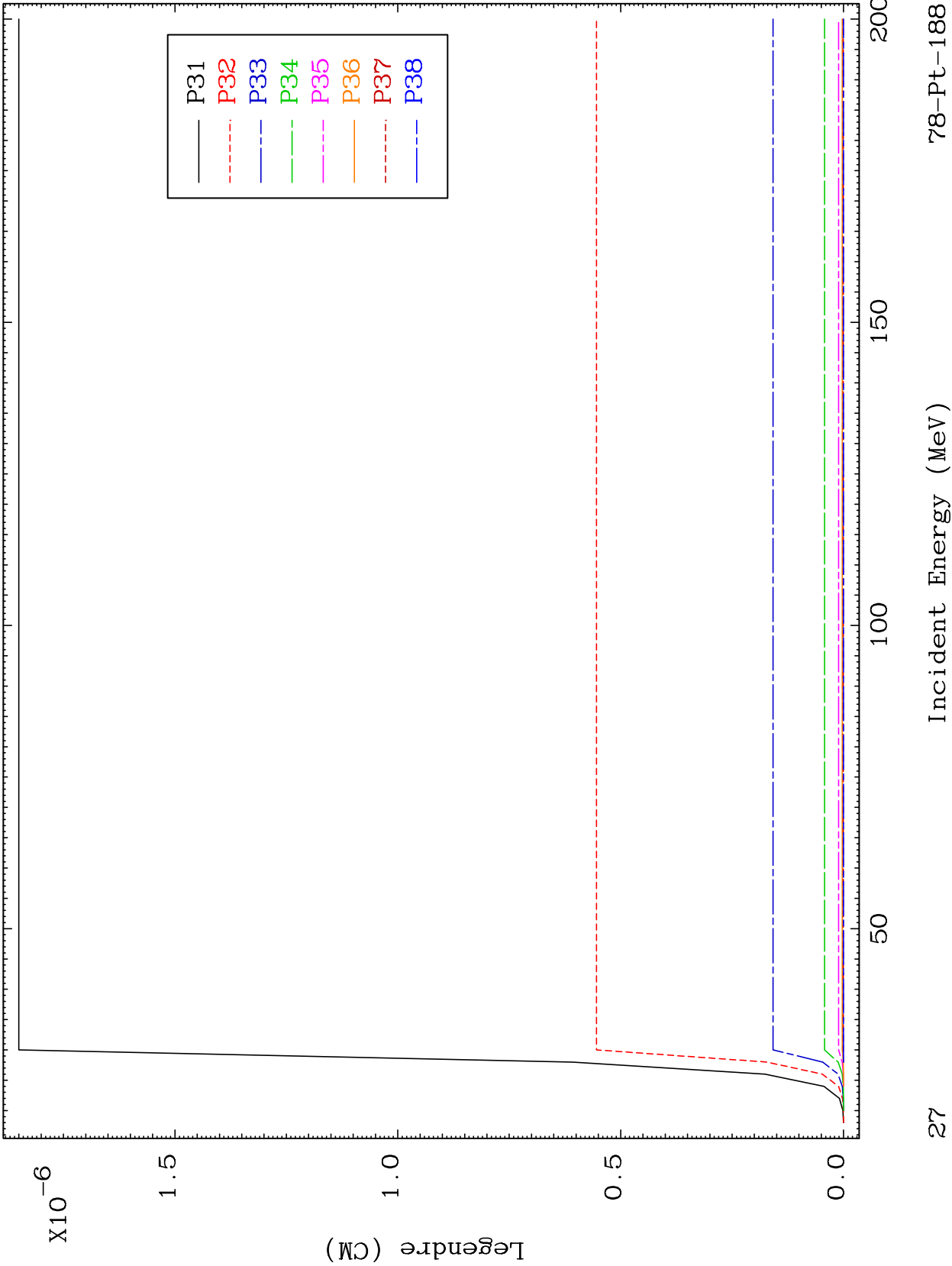
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

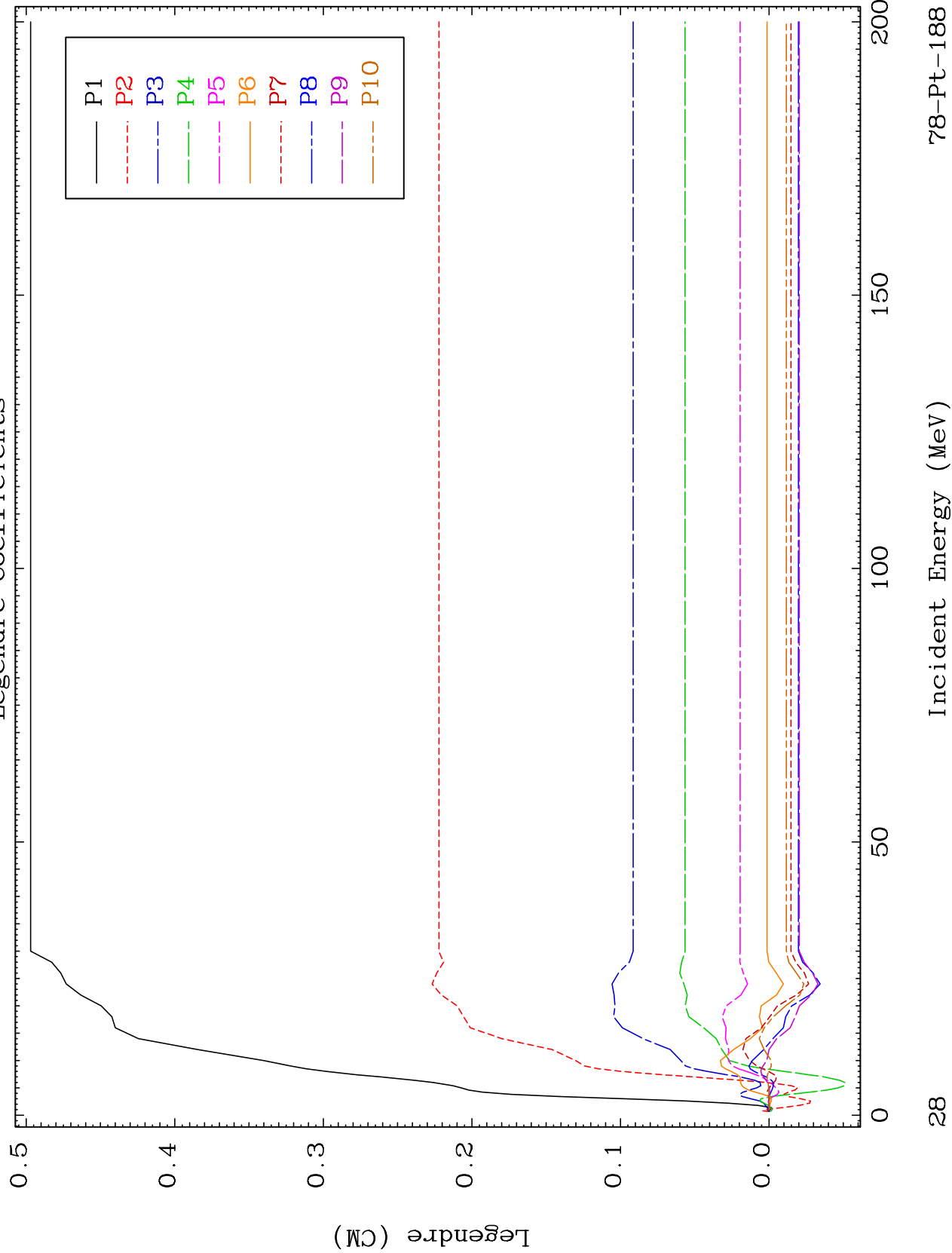
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

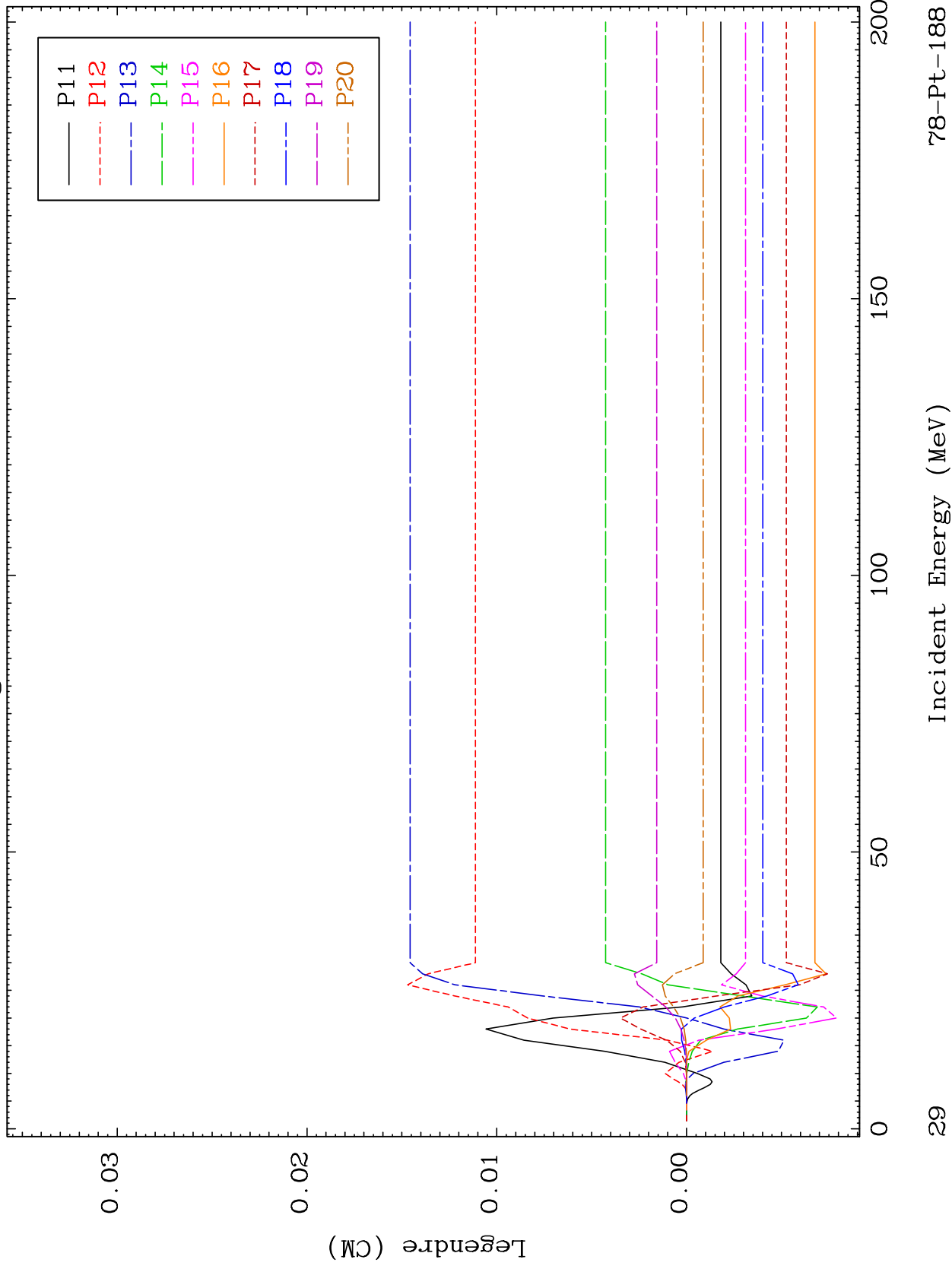
Incident Energy (MeV)

28

MAT 7819

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

78-Pt-188

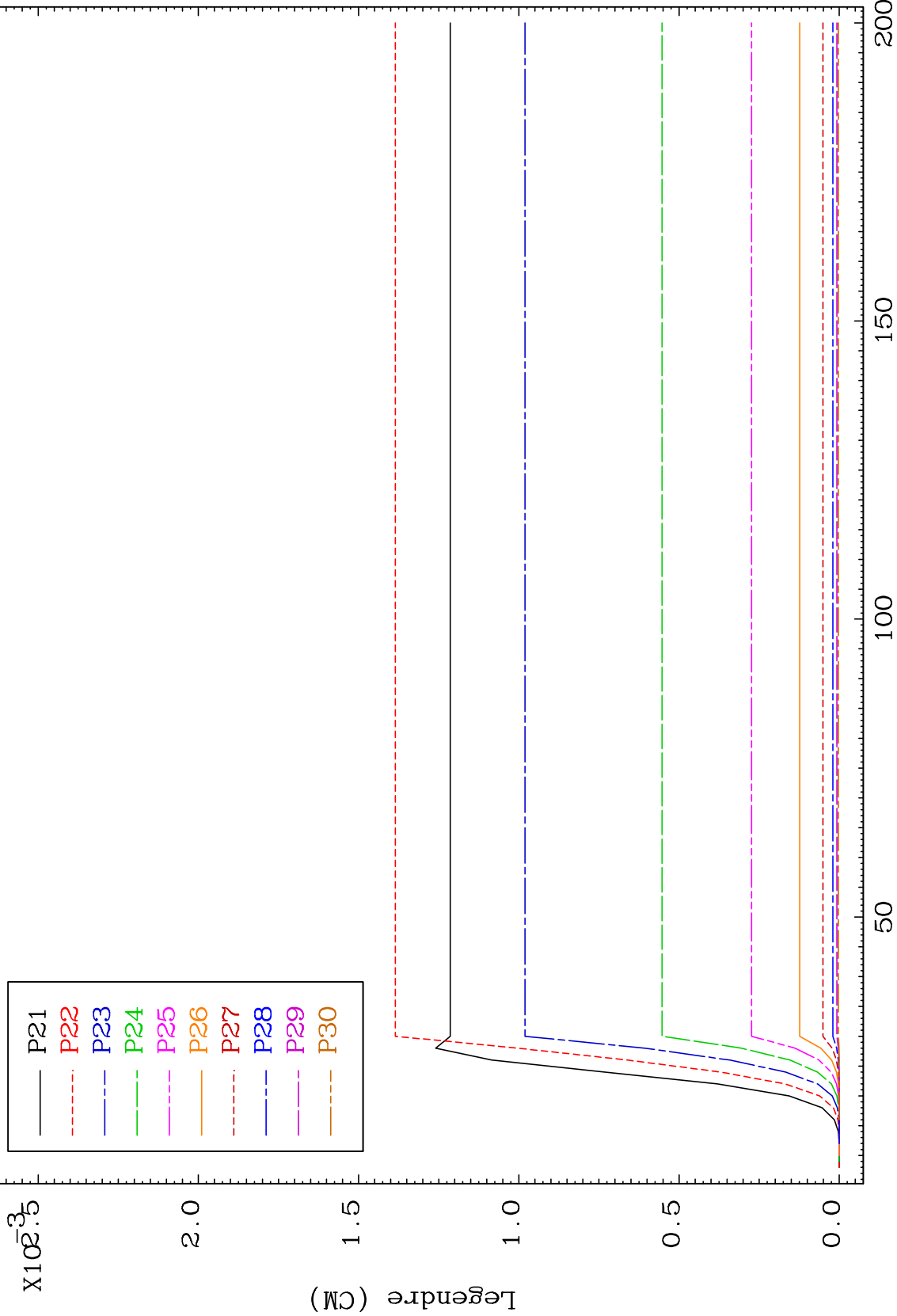
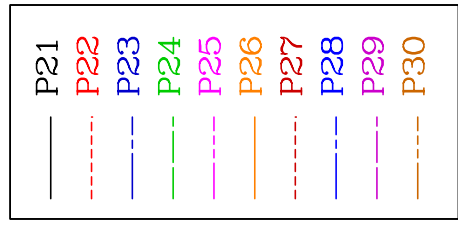


29

MAT 7819

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

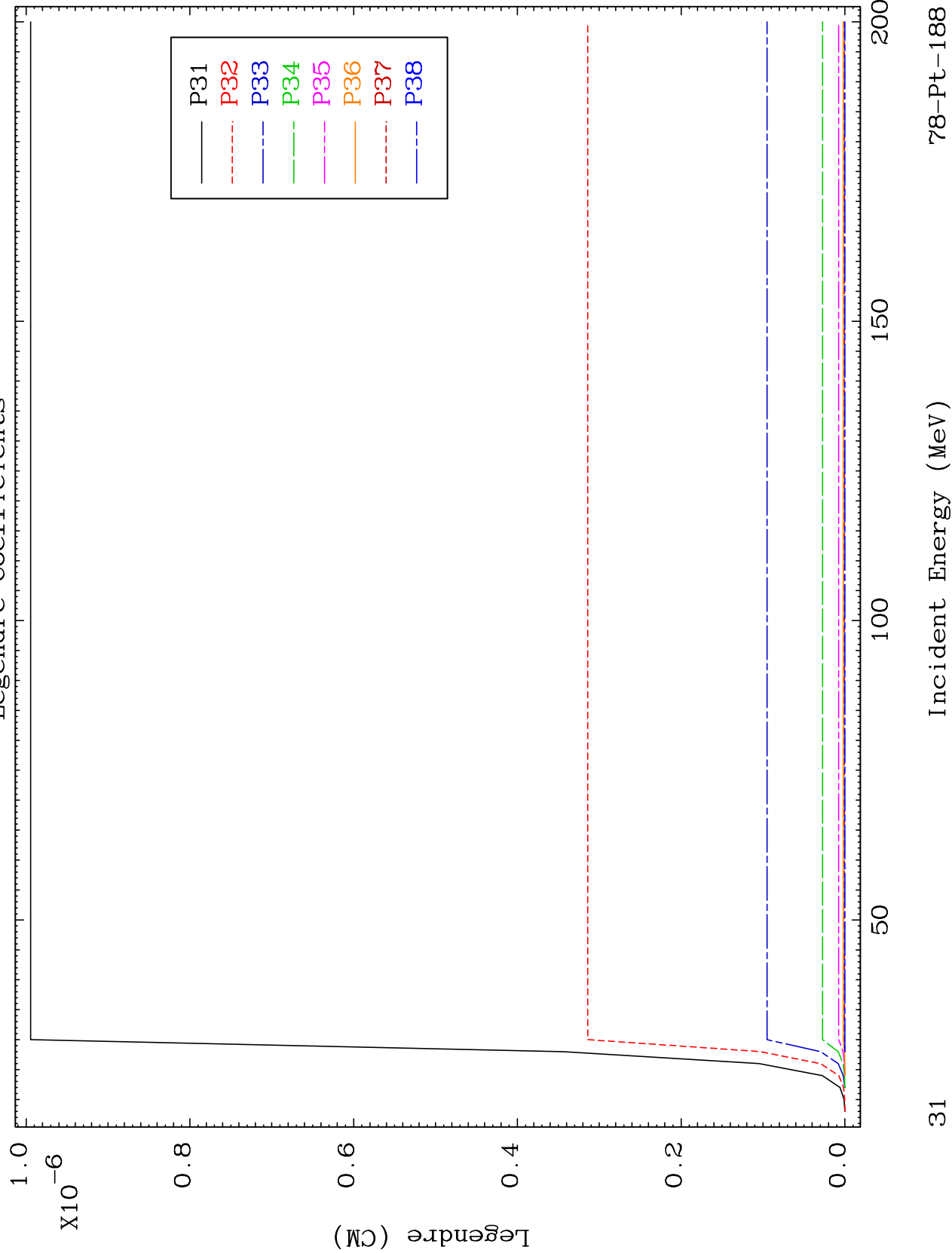
78-Pt-188

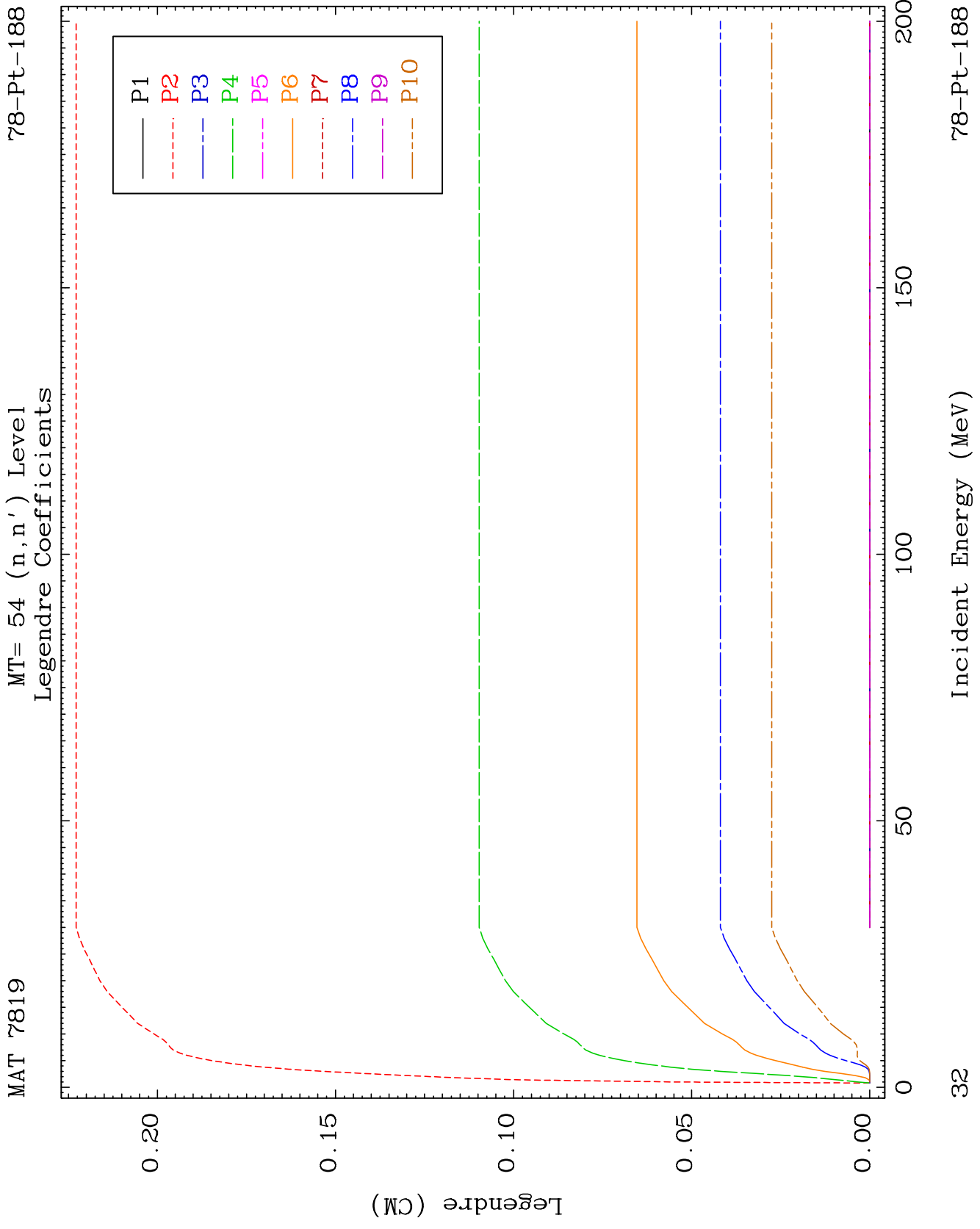


30

Incident Energy (MeV)

78-Pt-188

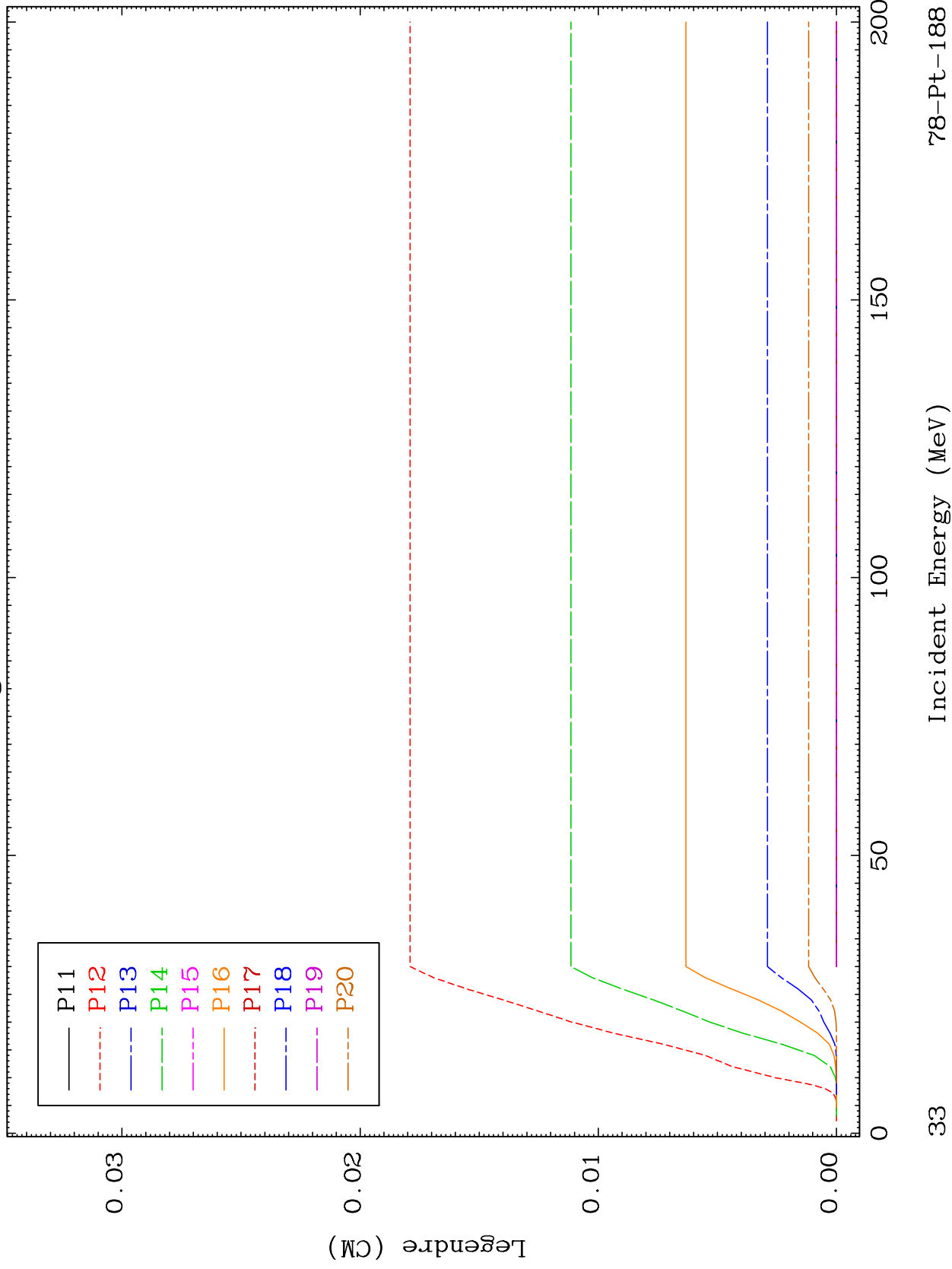




MAT 7819

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

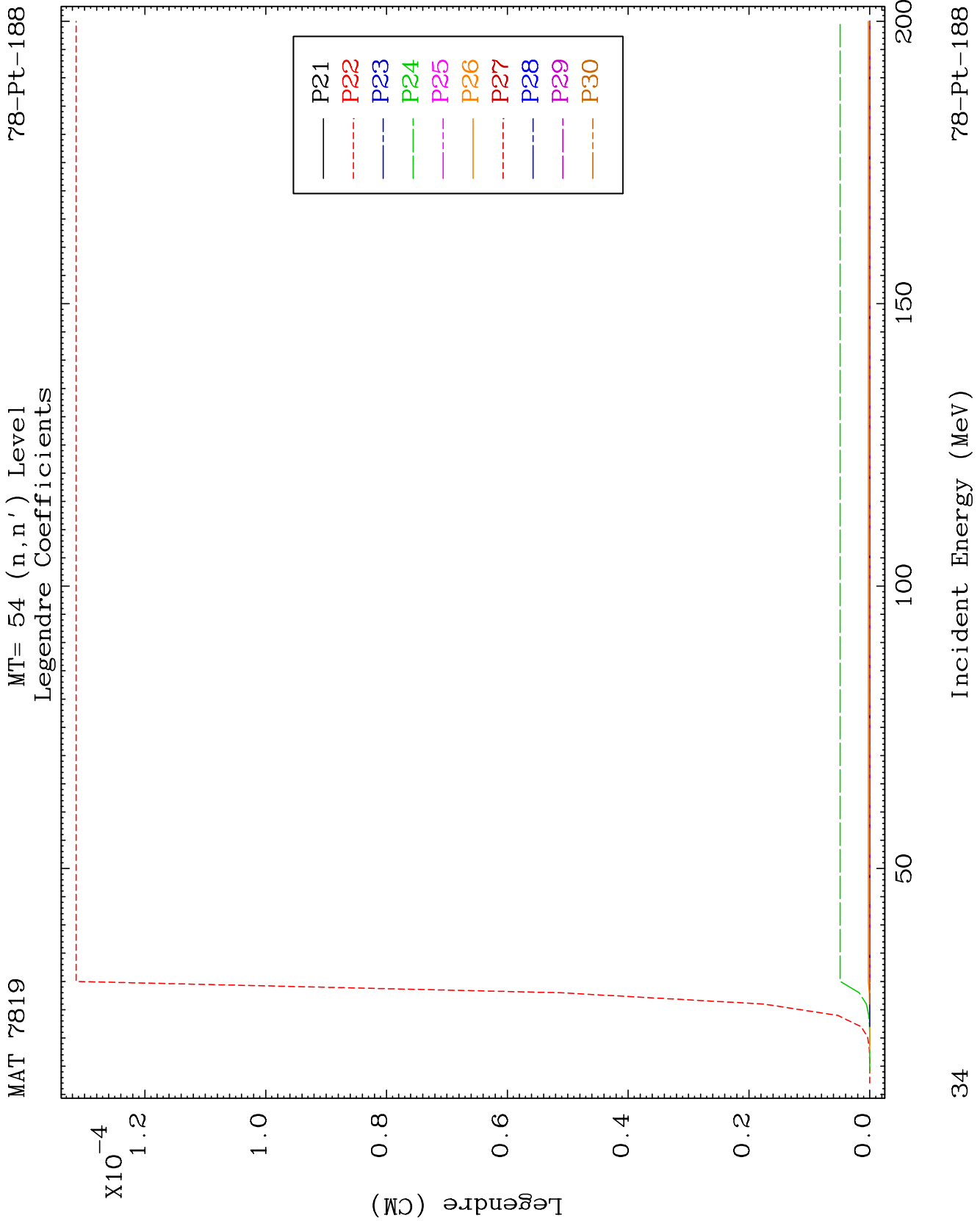
78-Pt-188



33

Incident Energy (MeV)

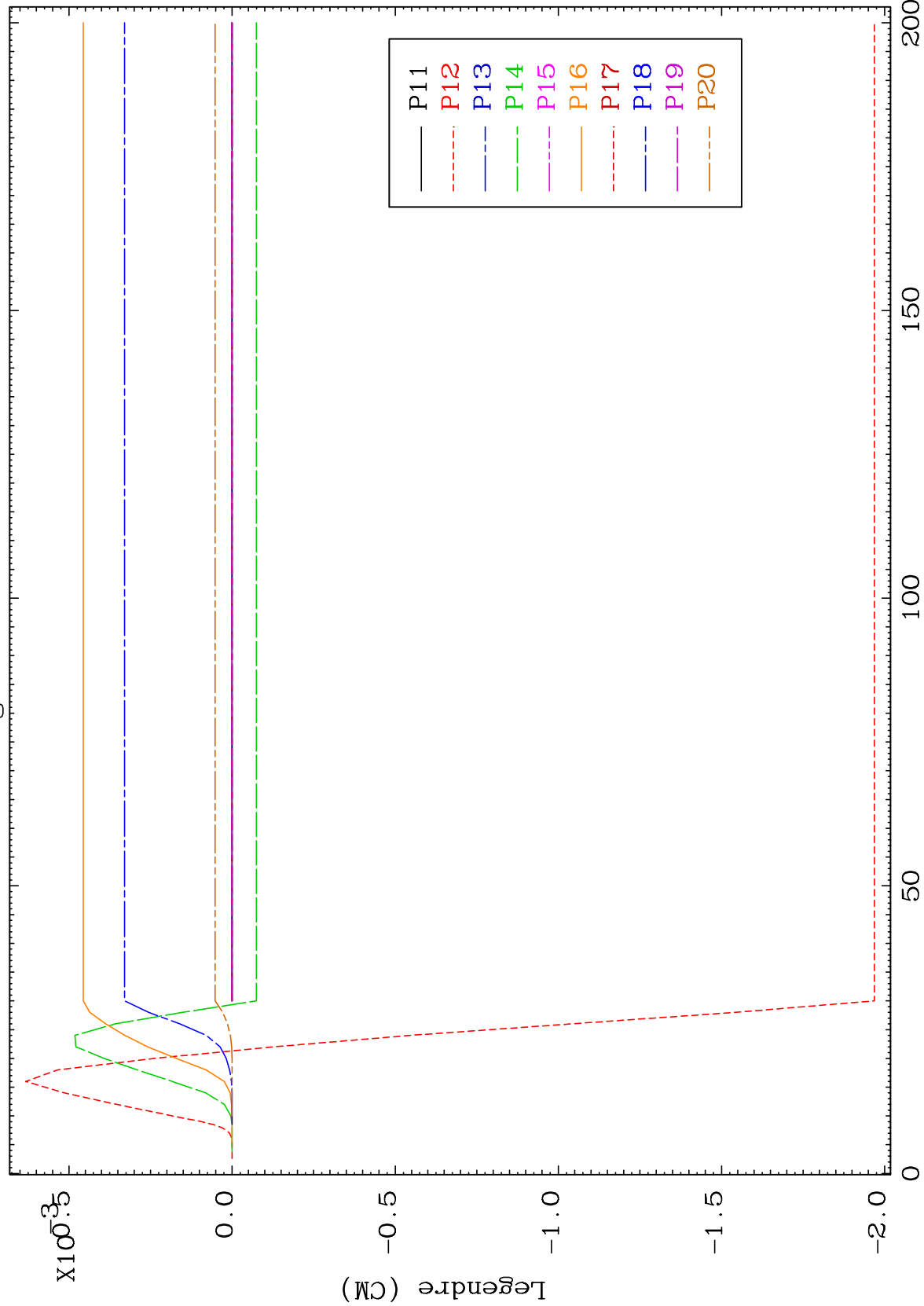
78-Pt-188



MAT 7819

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

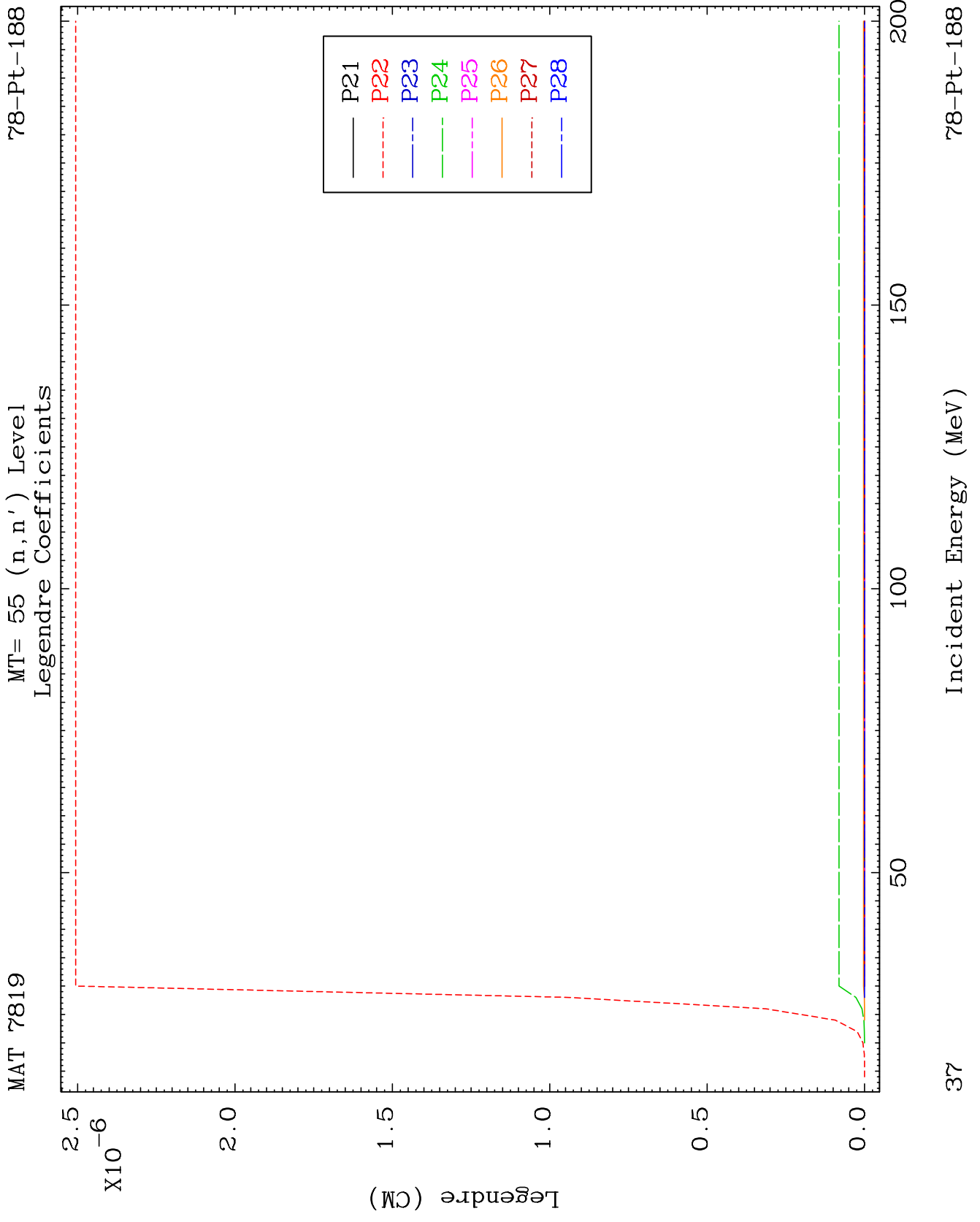
78-Pt-188

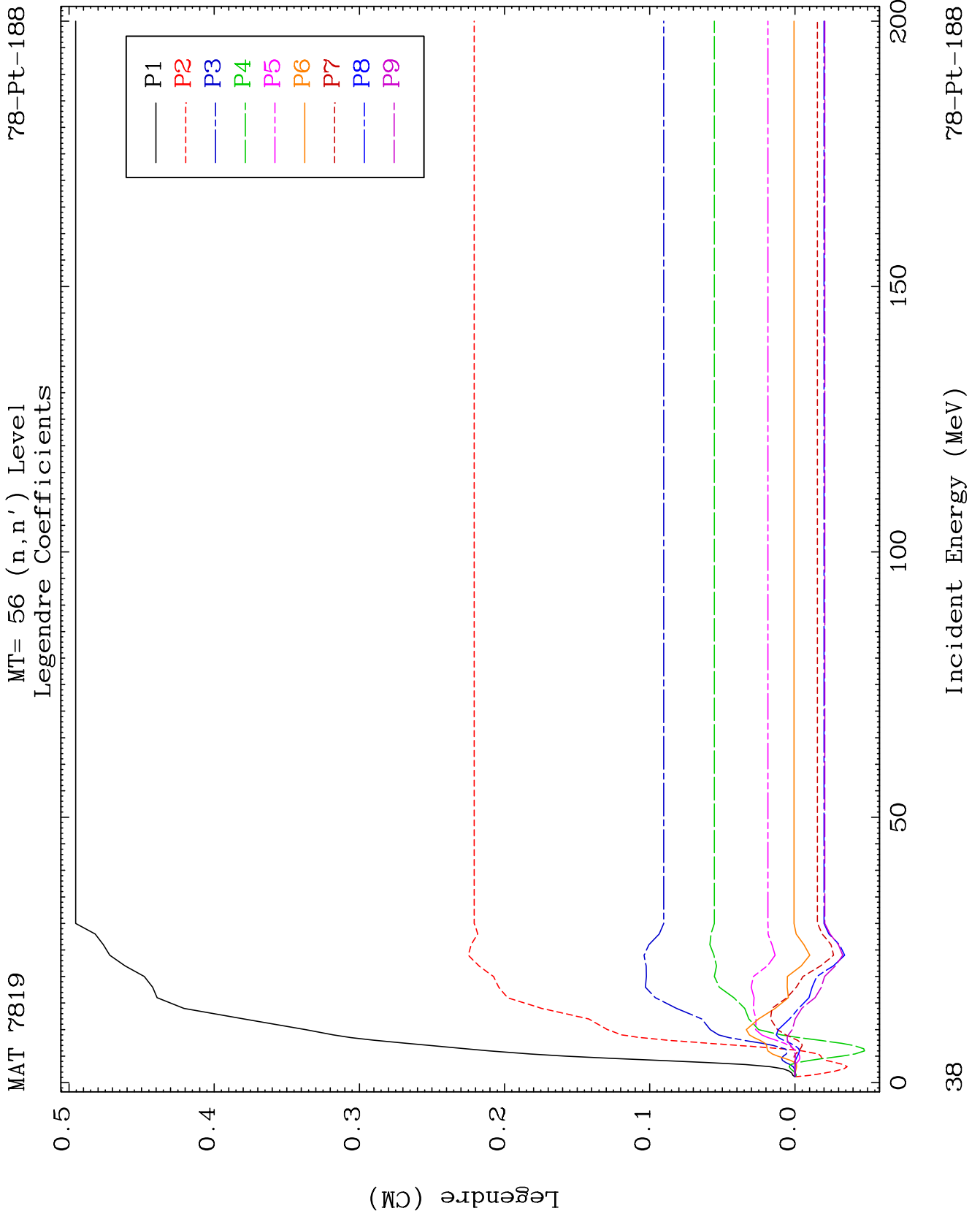


36

Incident Energy (MeV)

78-Pt-188

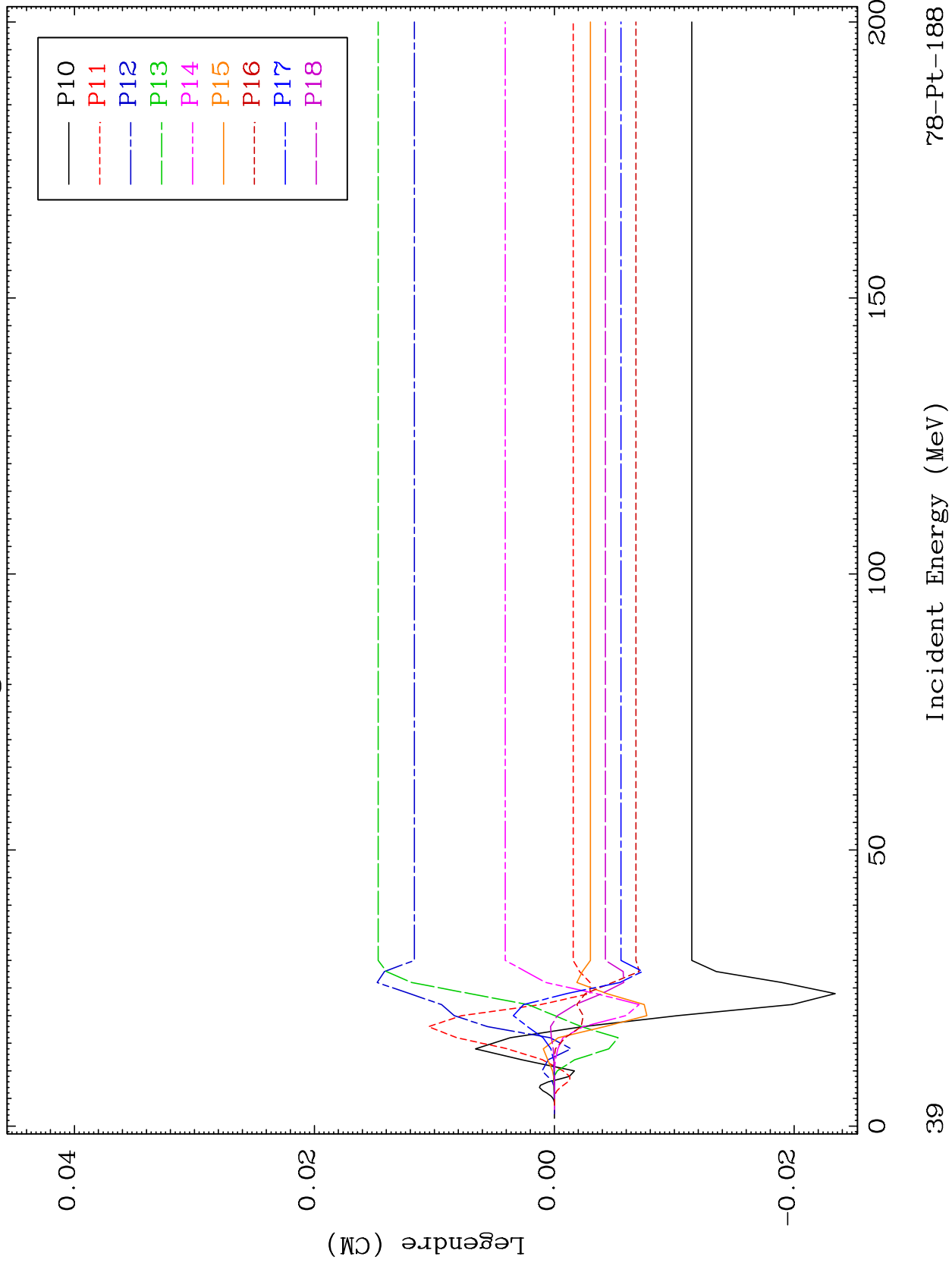




MAT 7819

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

78-Pt-188



78-Pt-188

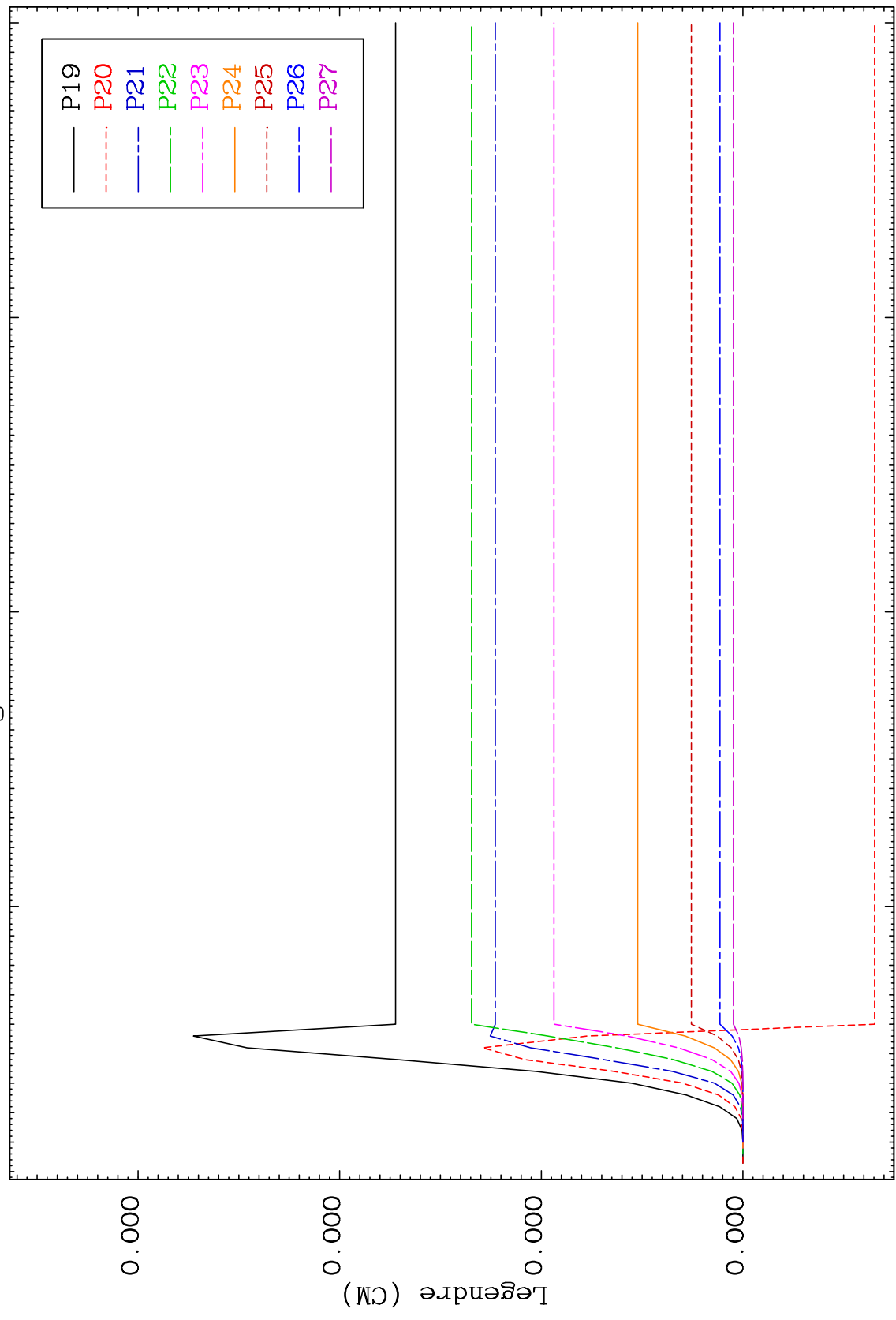
Incident Energy (MeV)

39

MAT 7819

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

78-Pt-188



40

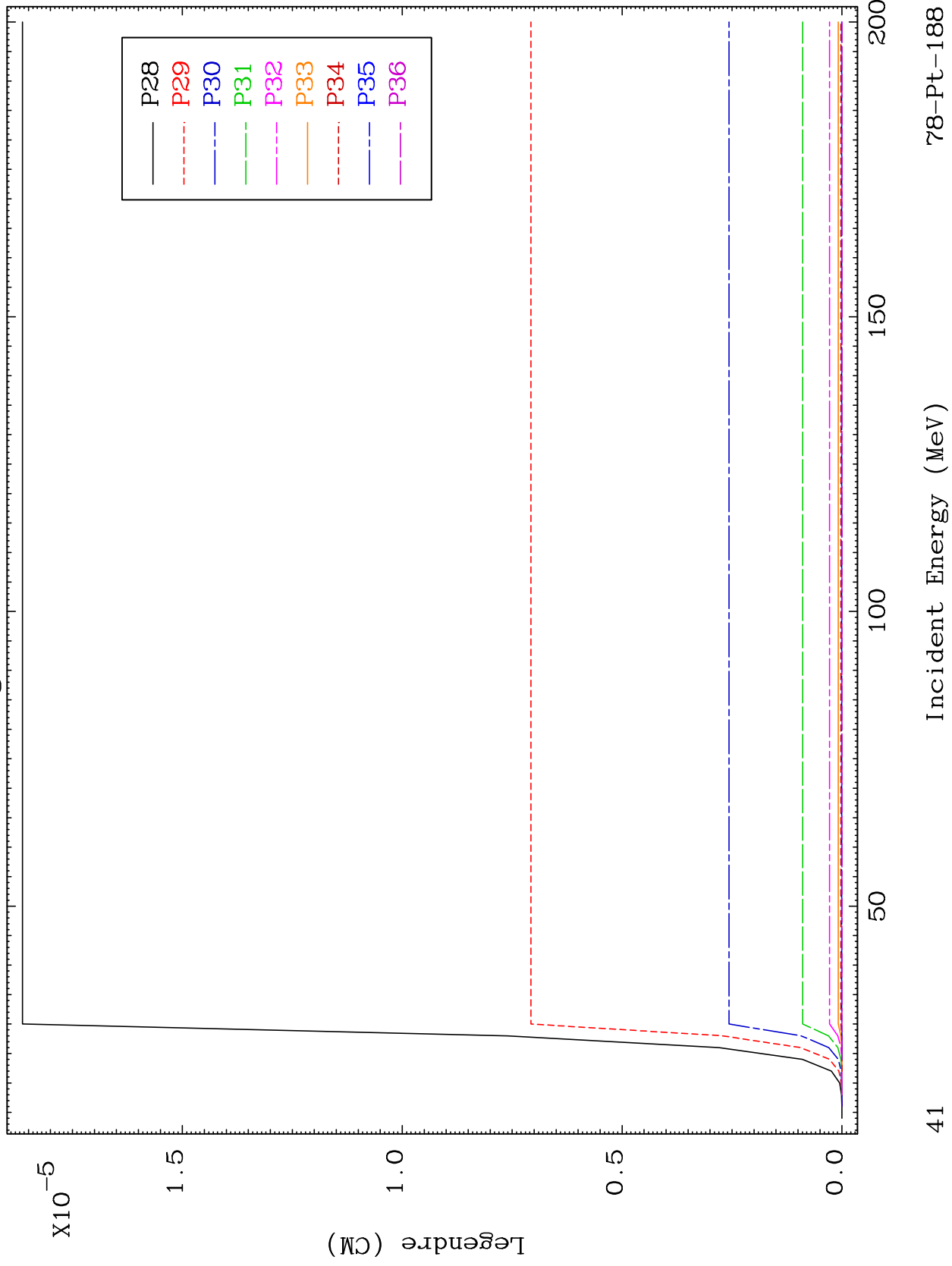
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

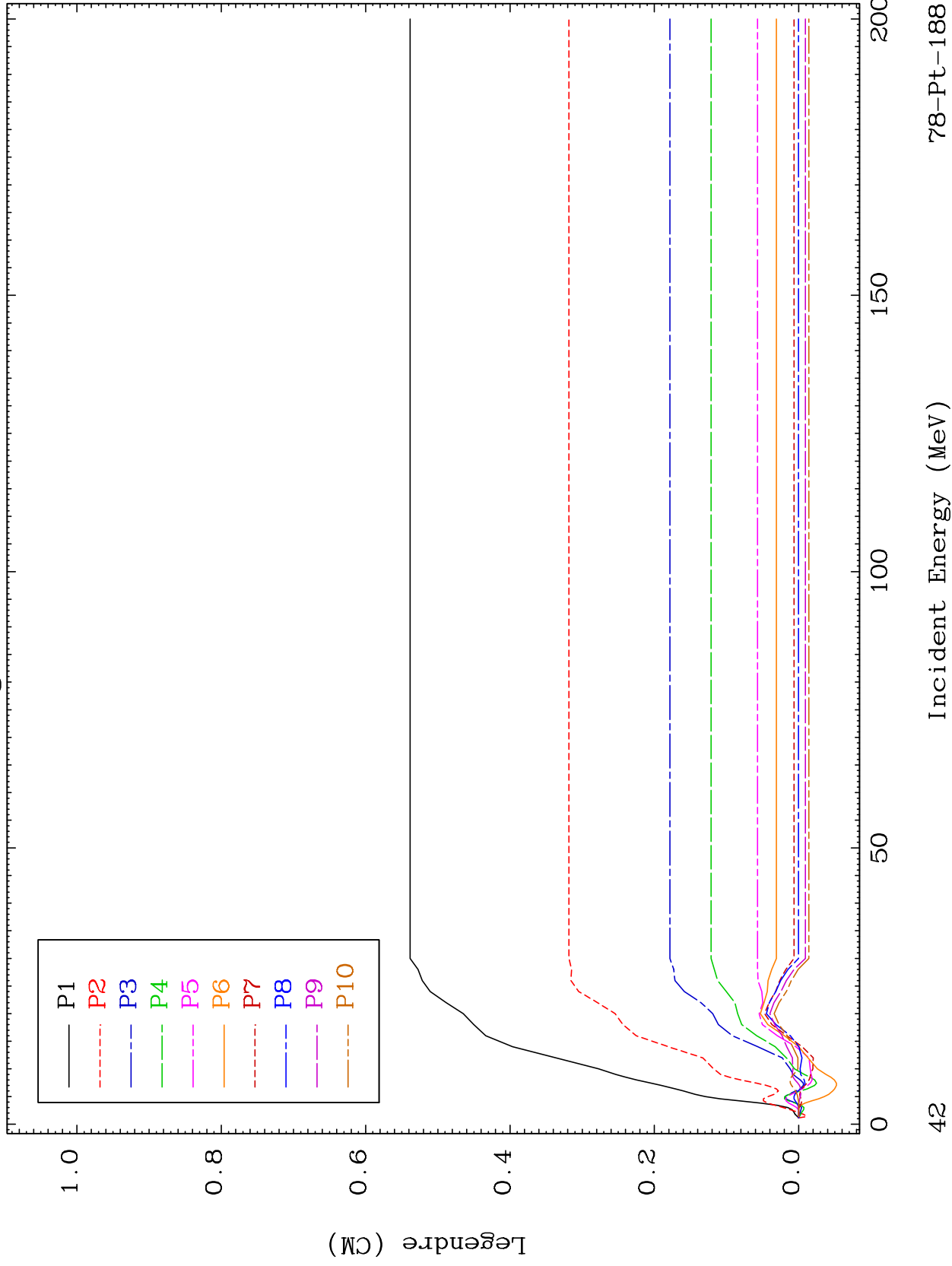
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

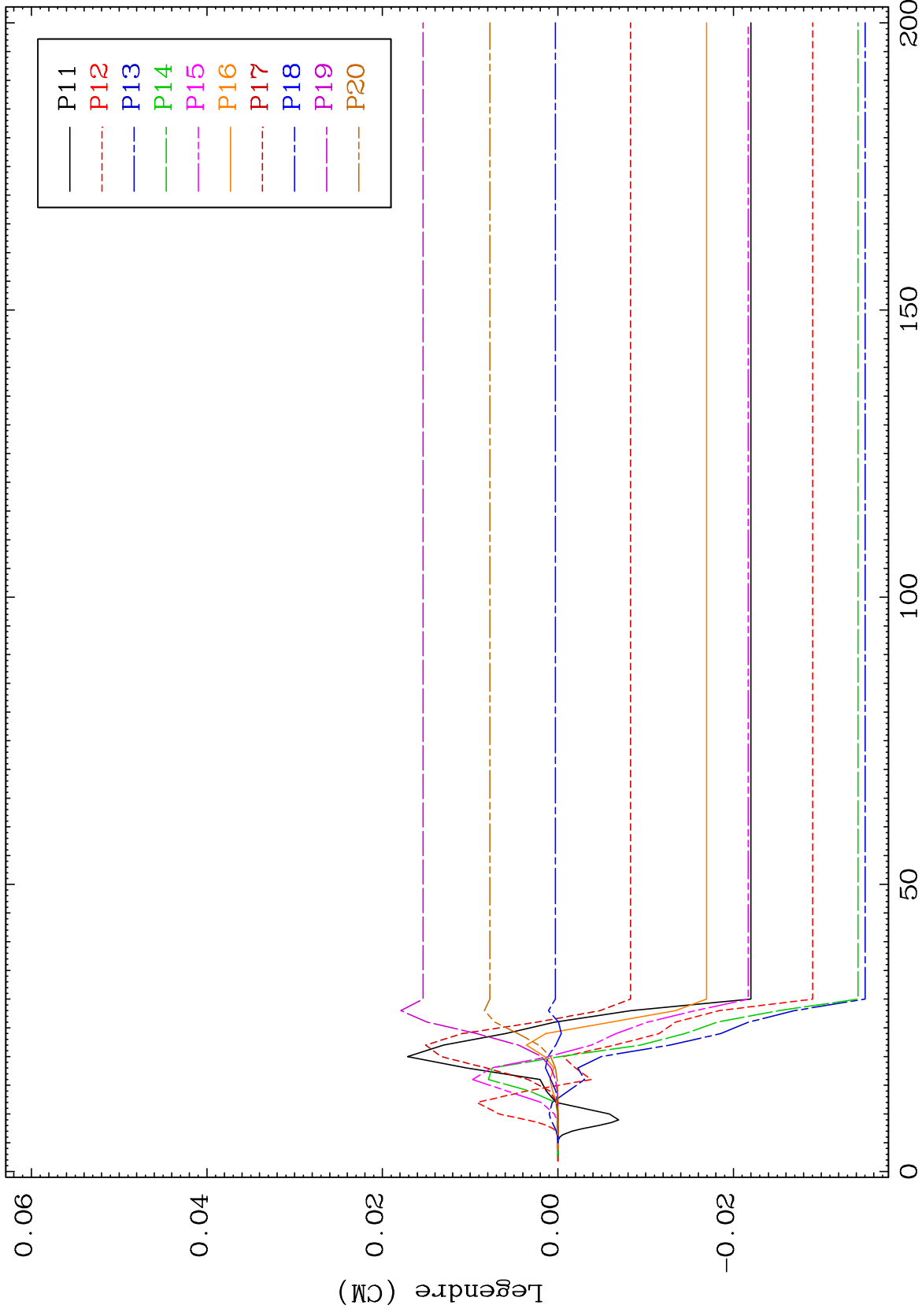
Incident Energy (MeV)

42

MAT 7819

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

78-Pt-188



43

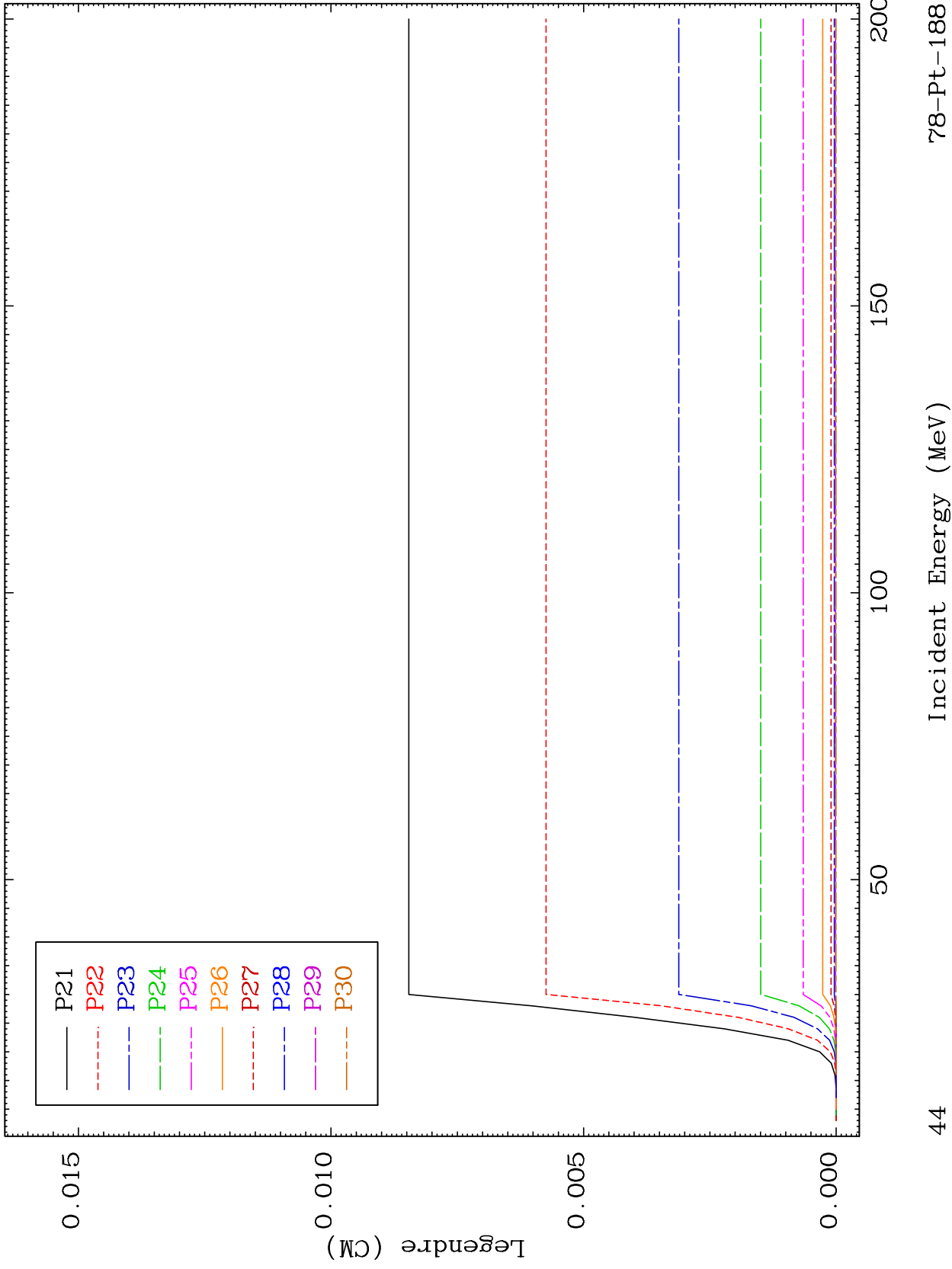
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

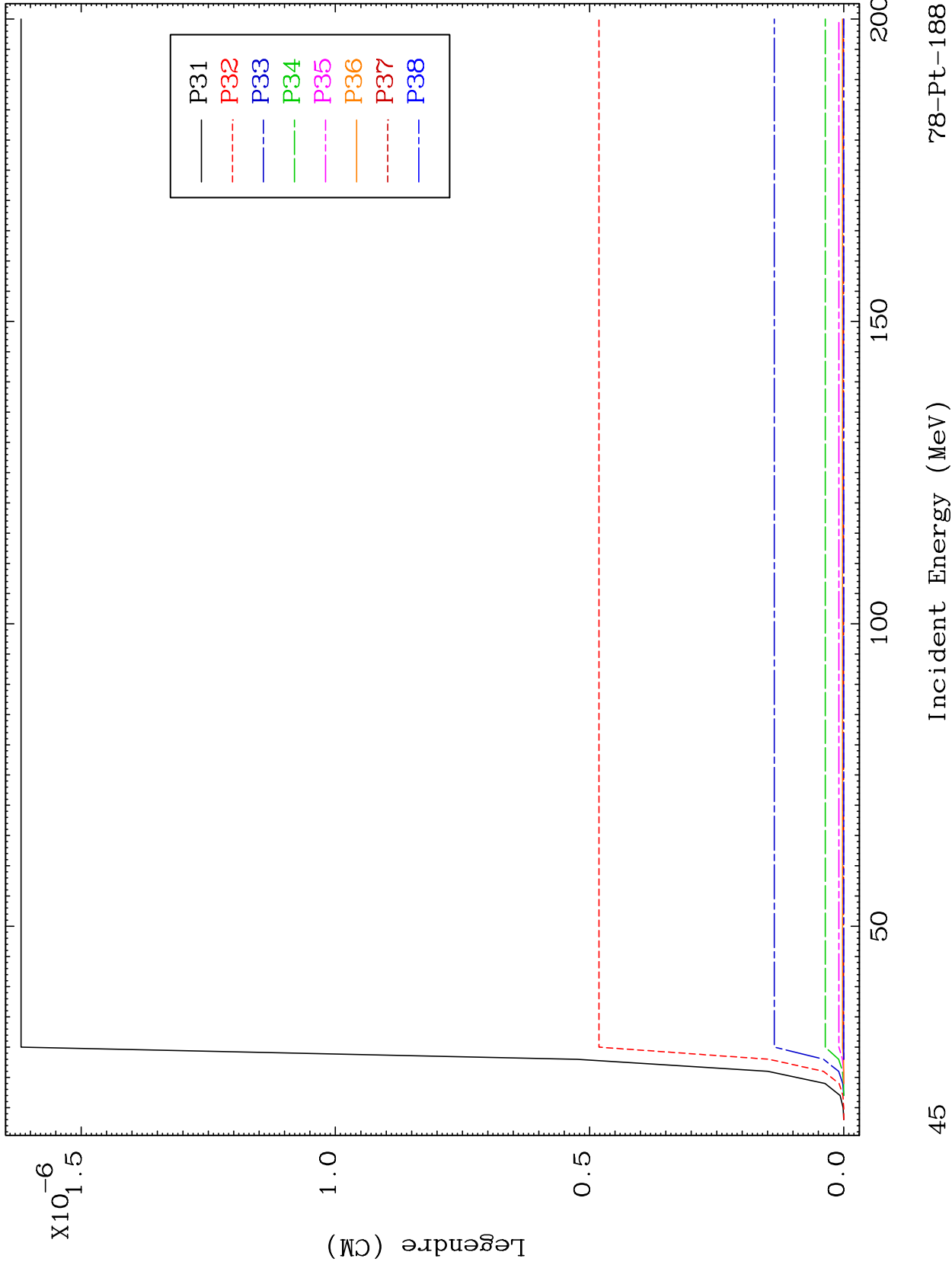
78-Pt-188



MAT 7819

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

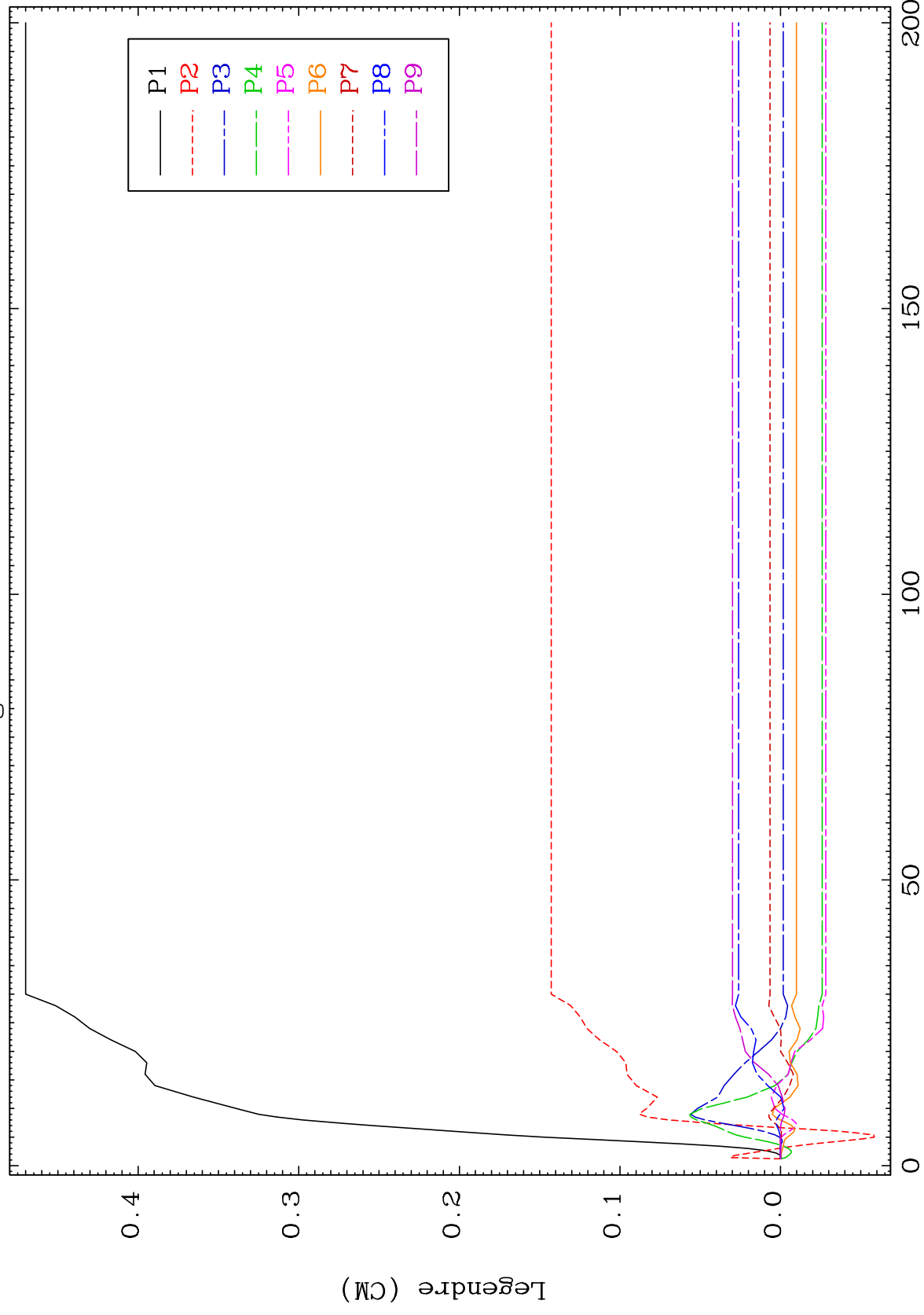
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

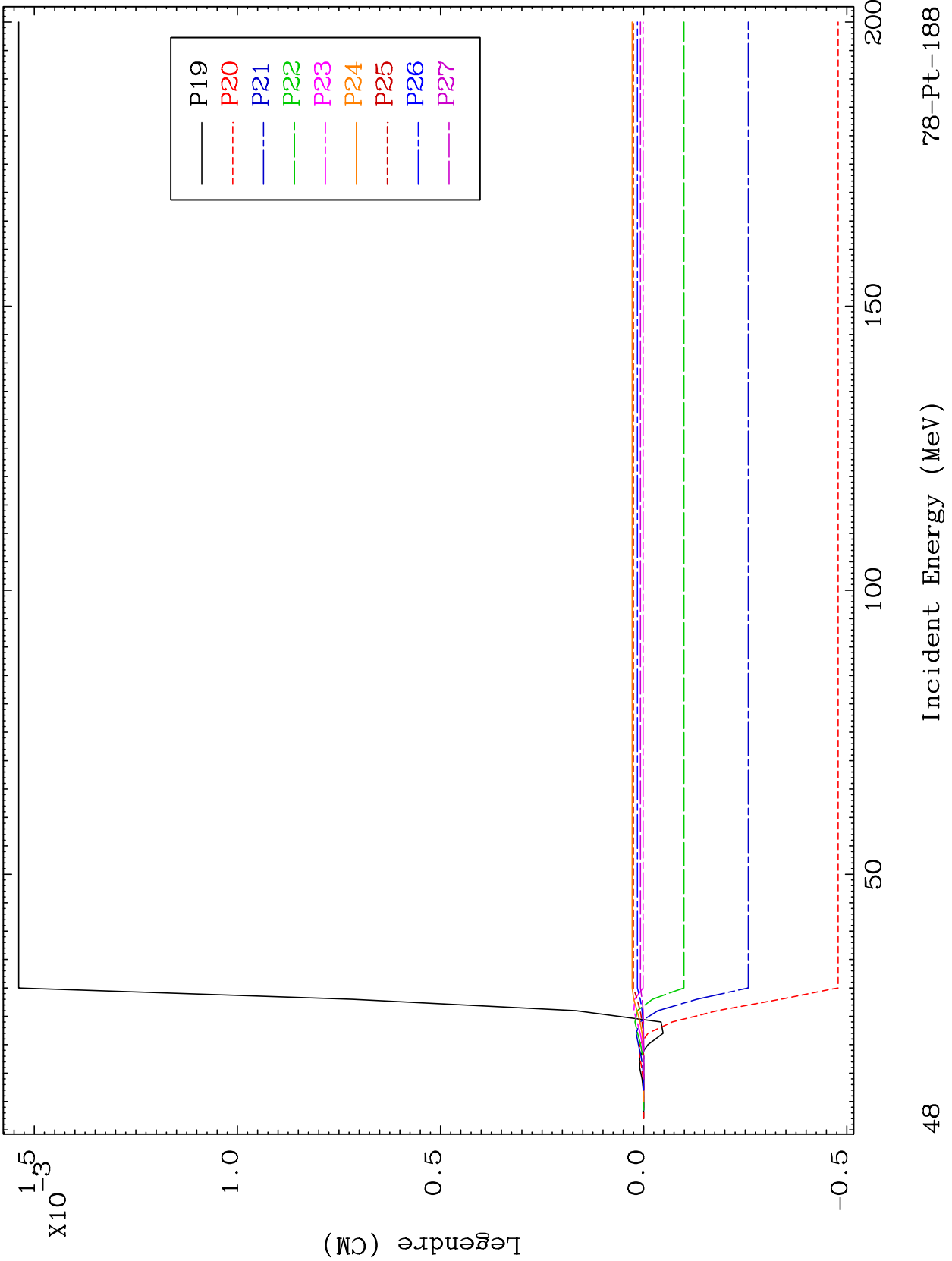
Incident Energy (MeV)

46

MAT 7819

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

78-Pt-188



48

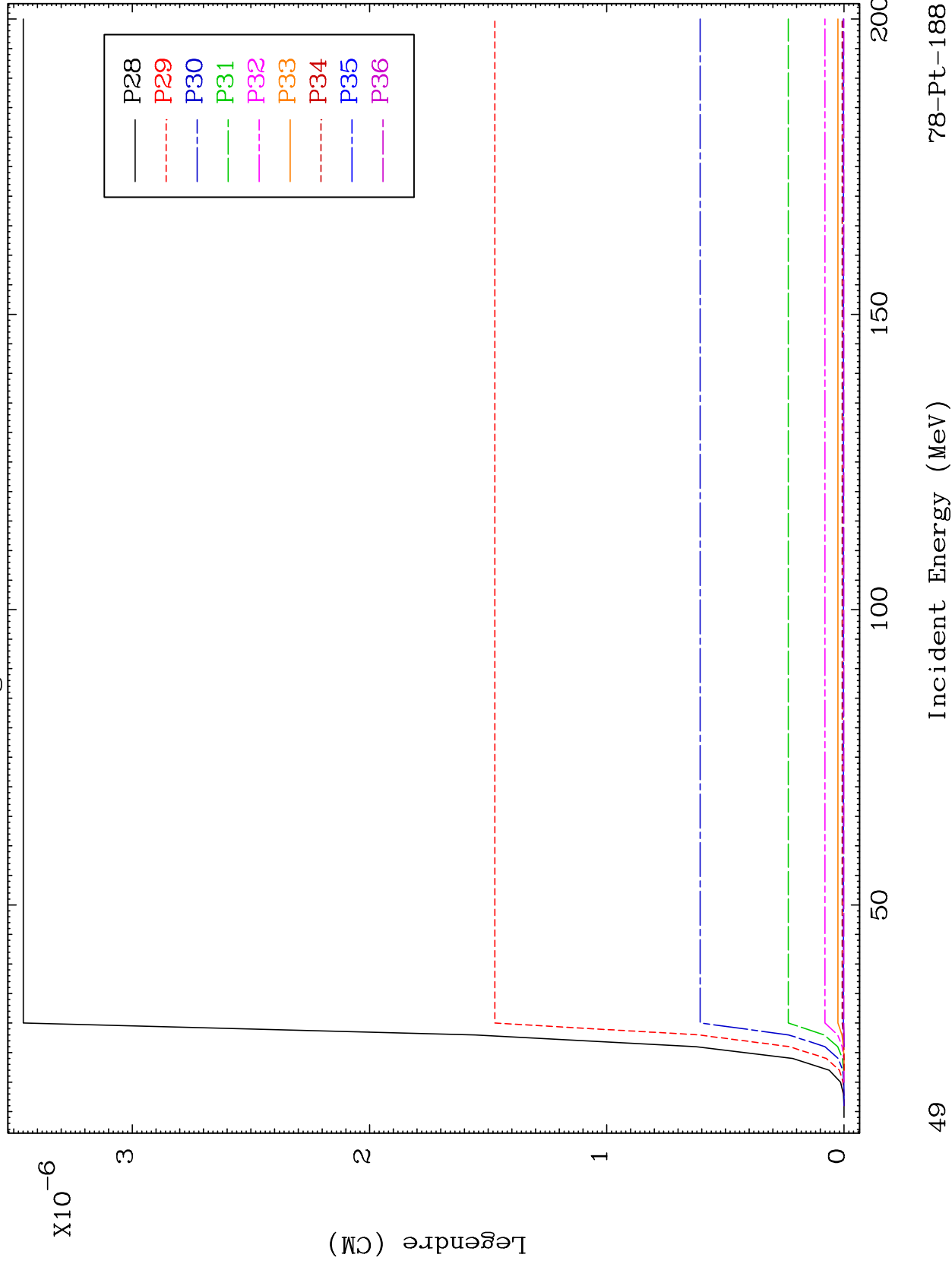
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



49

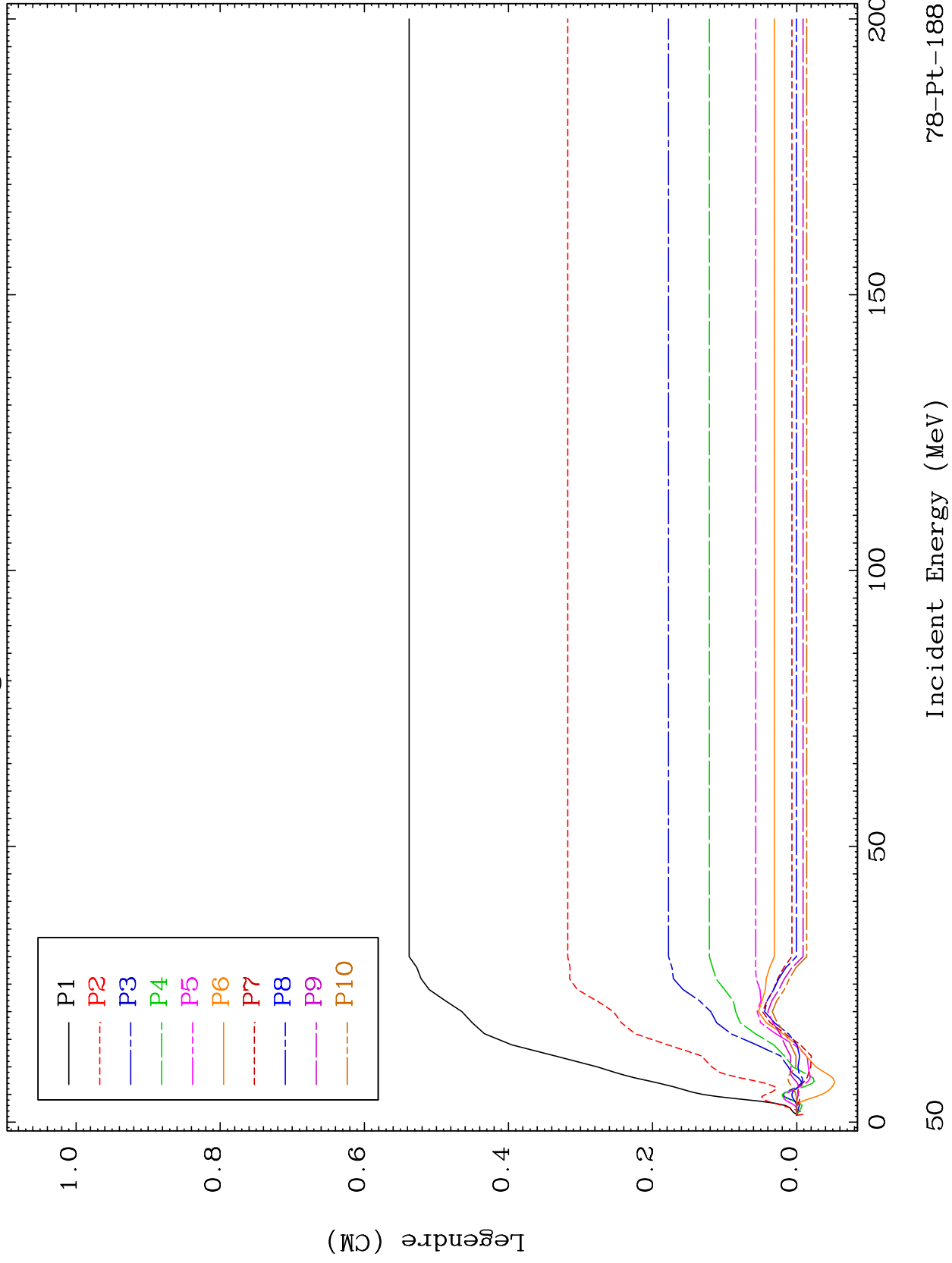
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

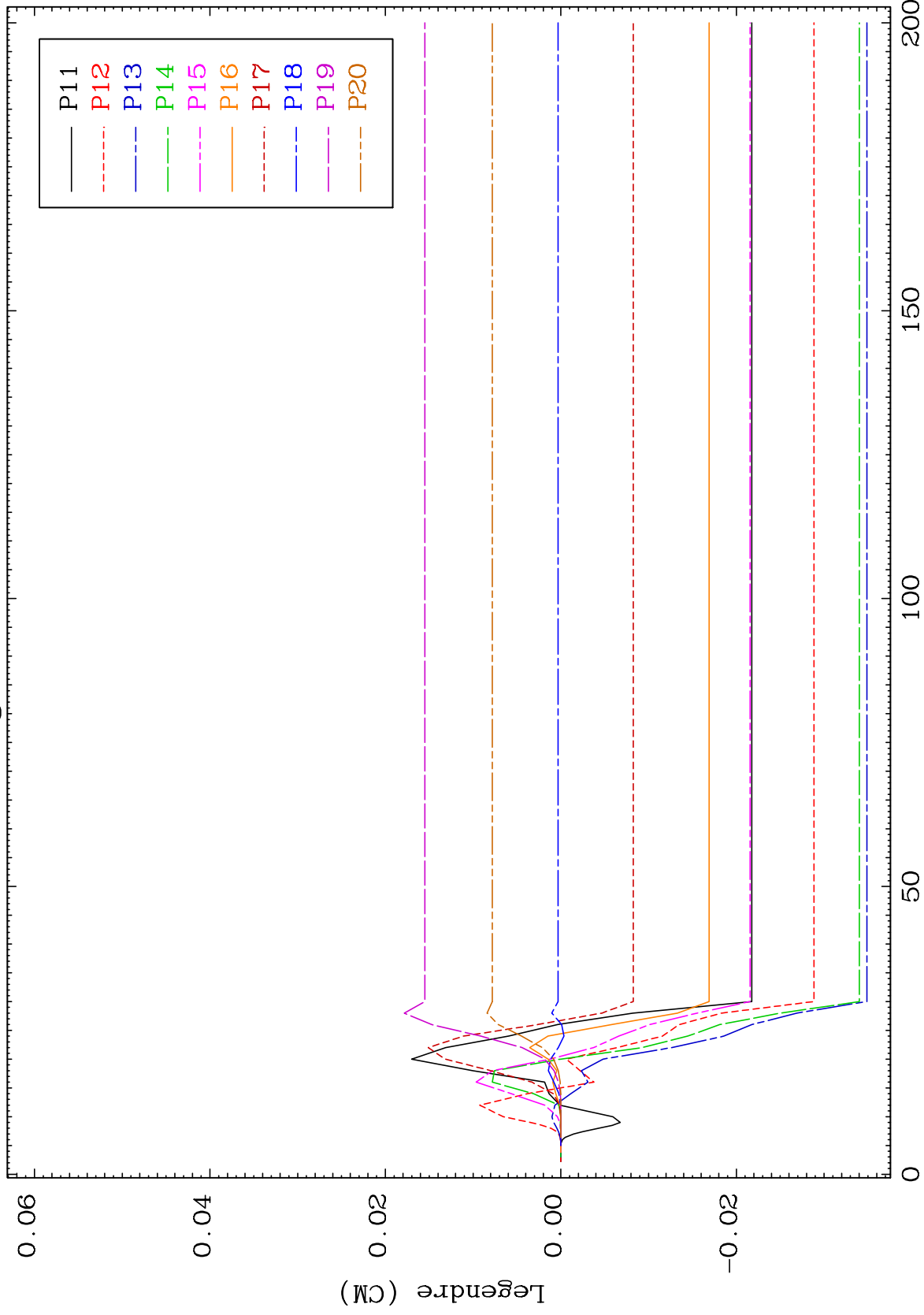
78-Pt-188



MAT 7819

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

78-Pt-188



51

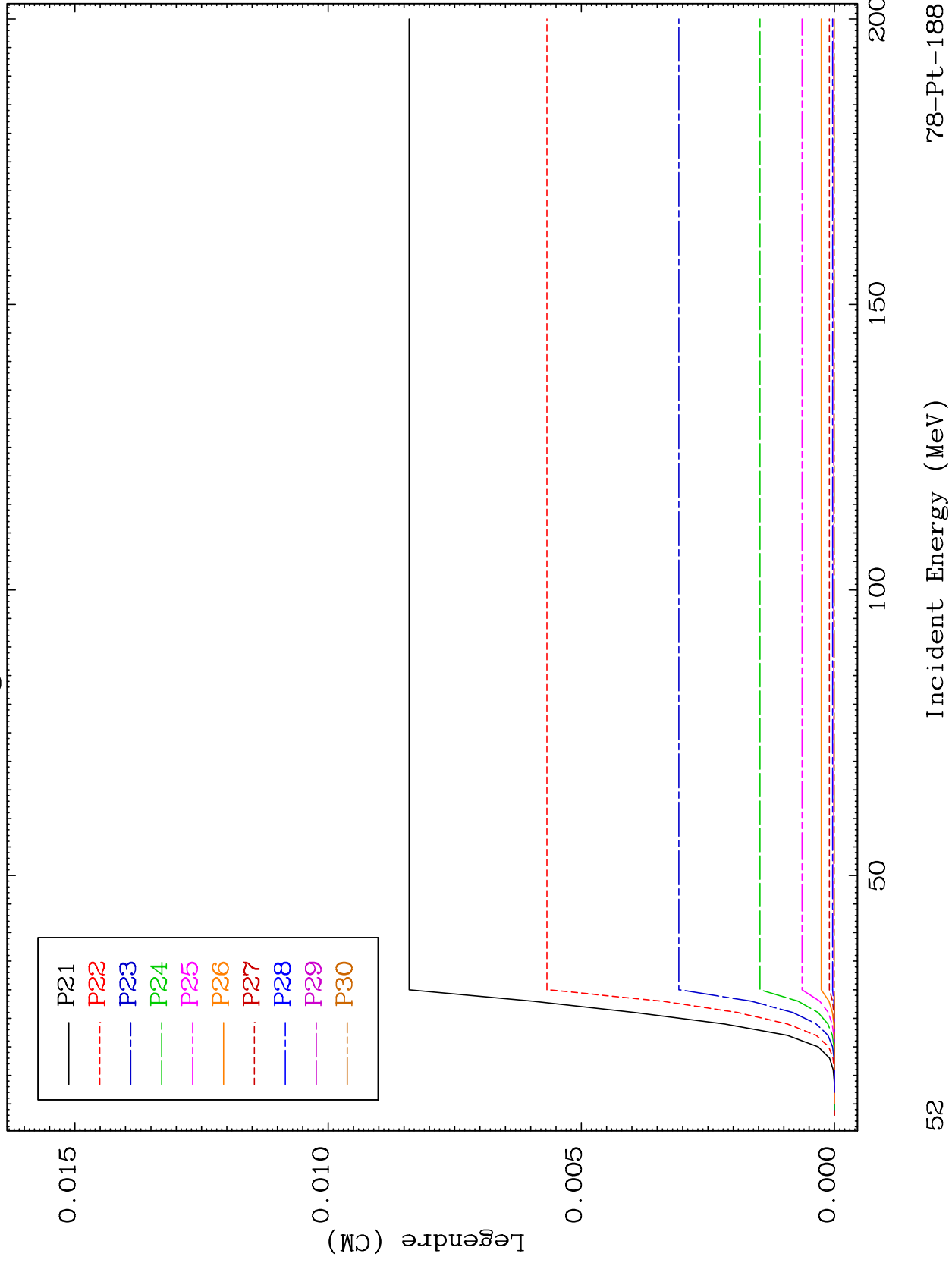
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



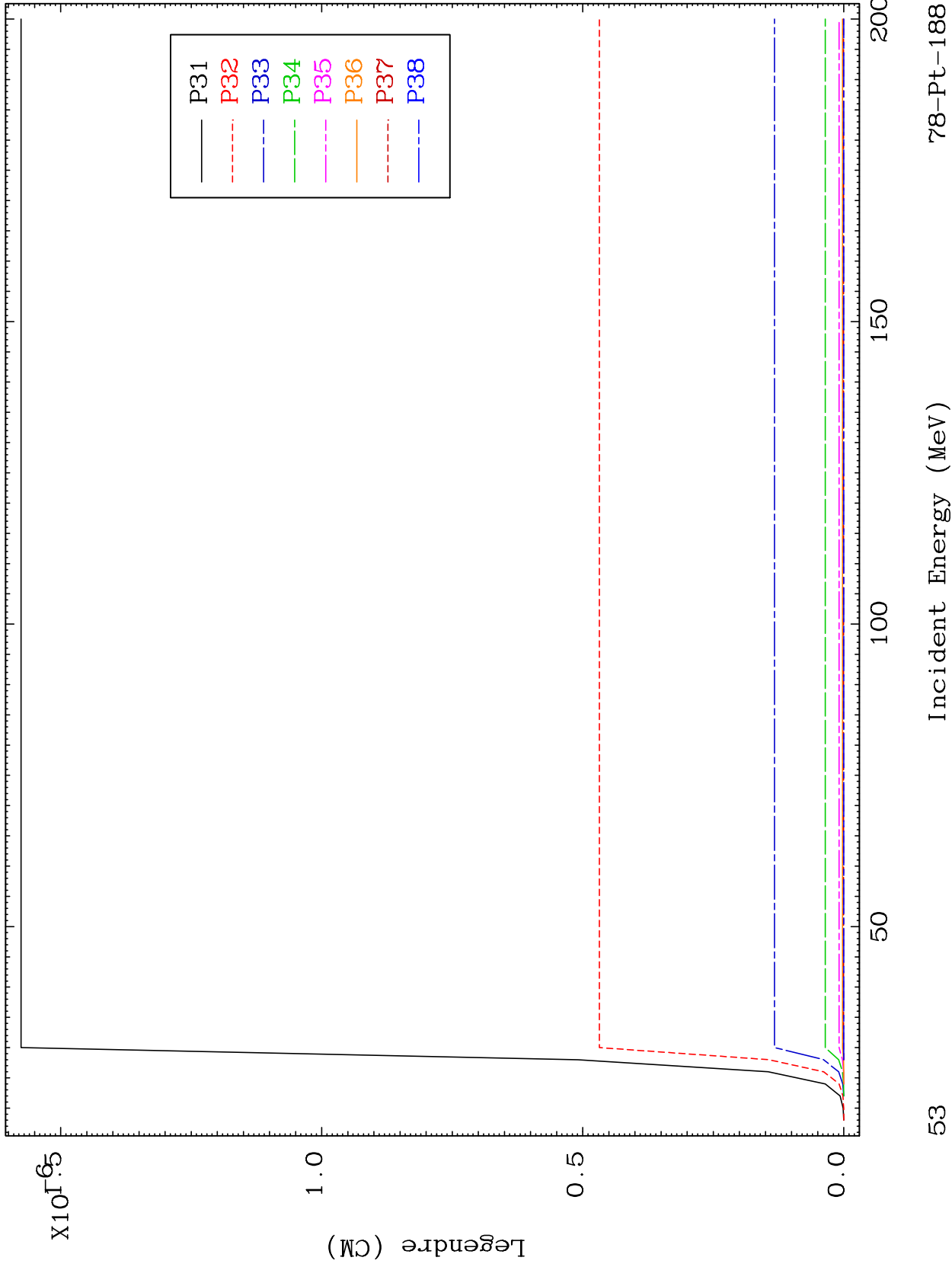
52

78-Pt-188

MAT 7819

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

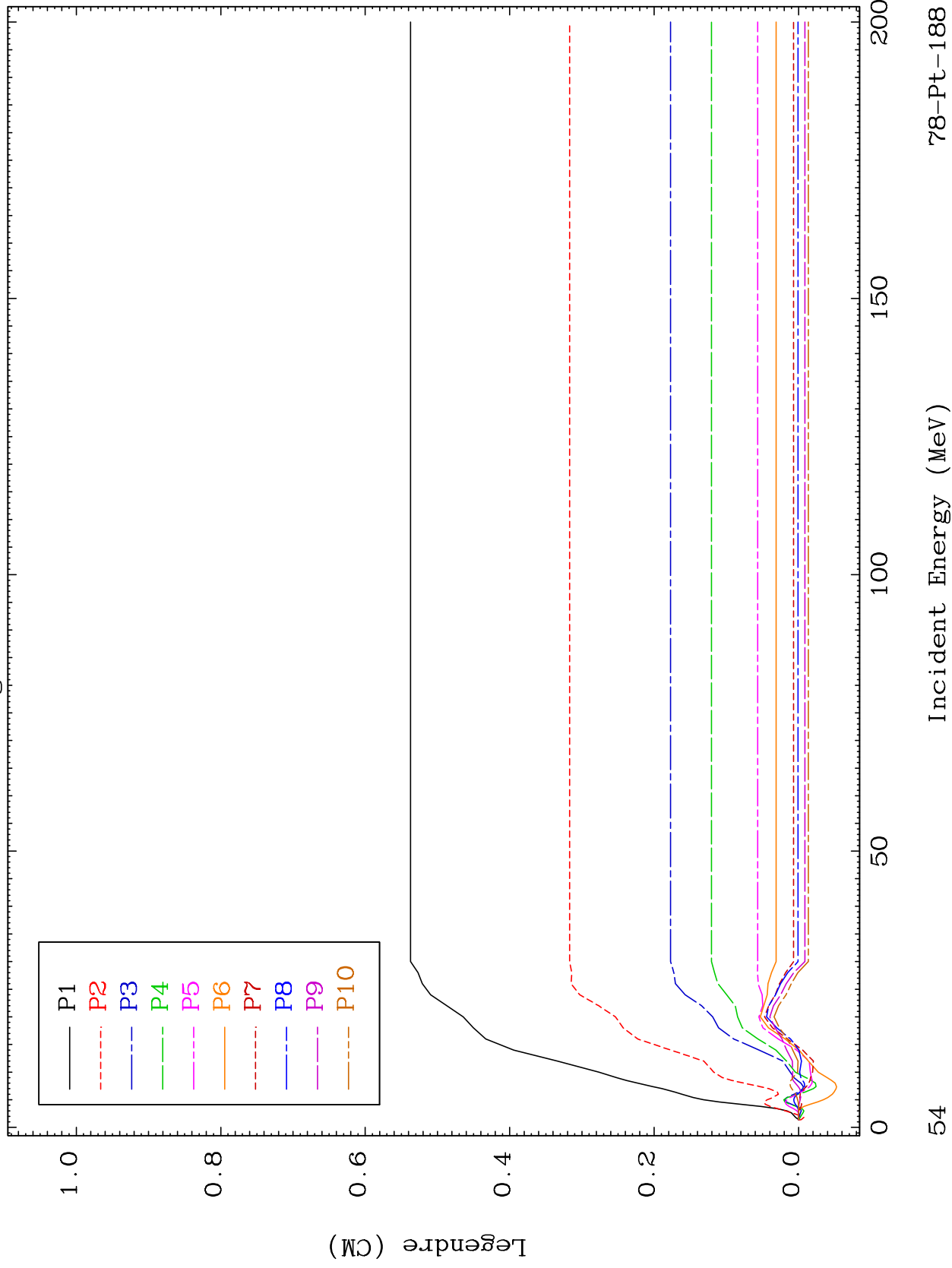
78-Pt-188



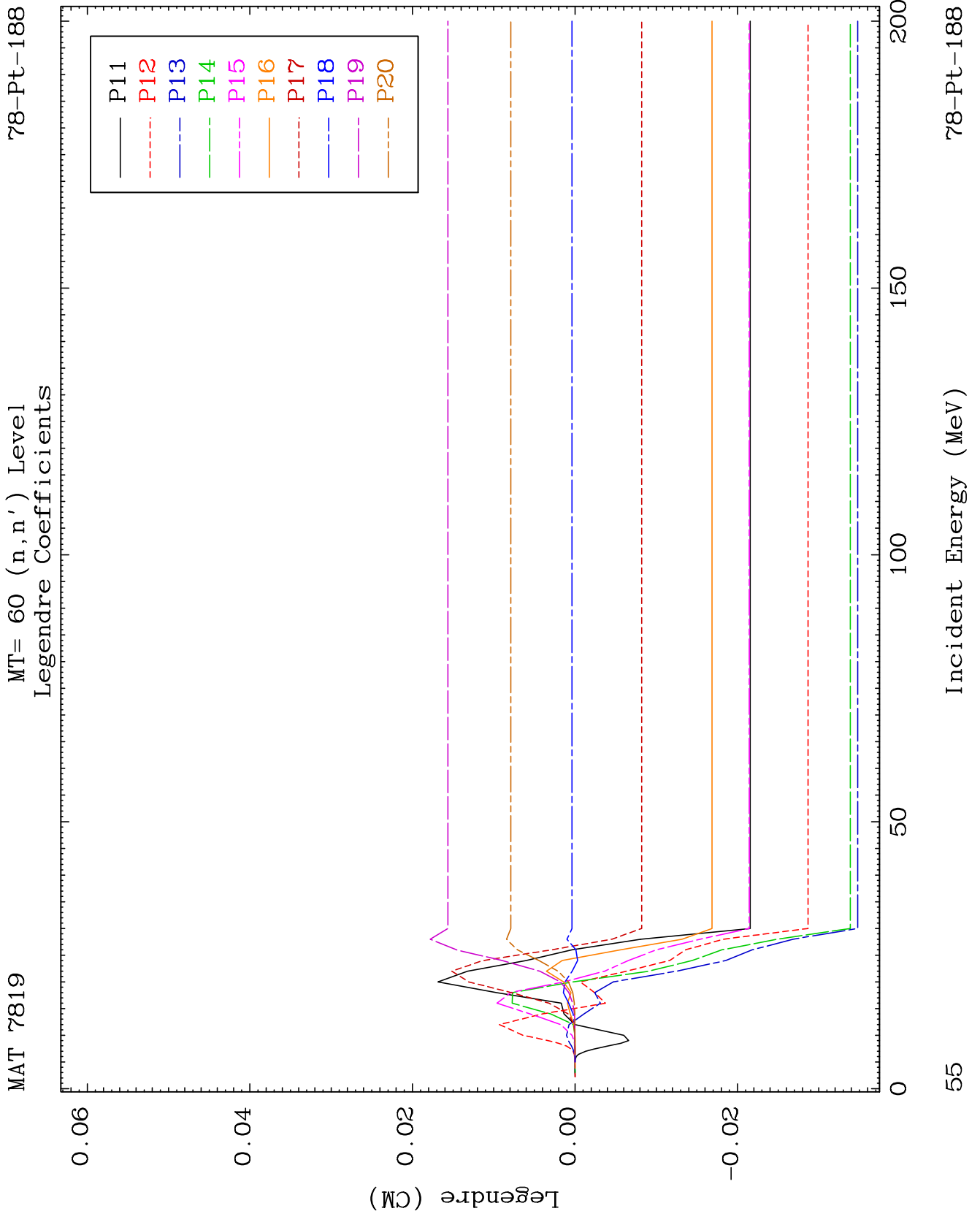
MAT 7819

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

78-Pt-188



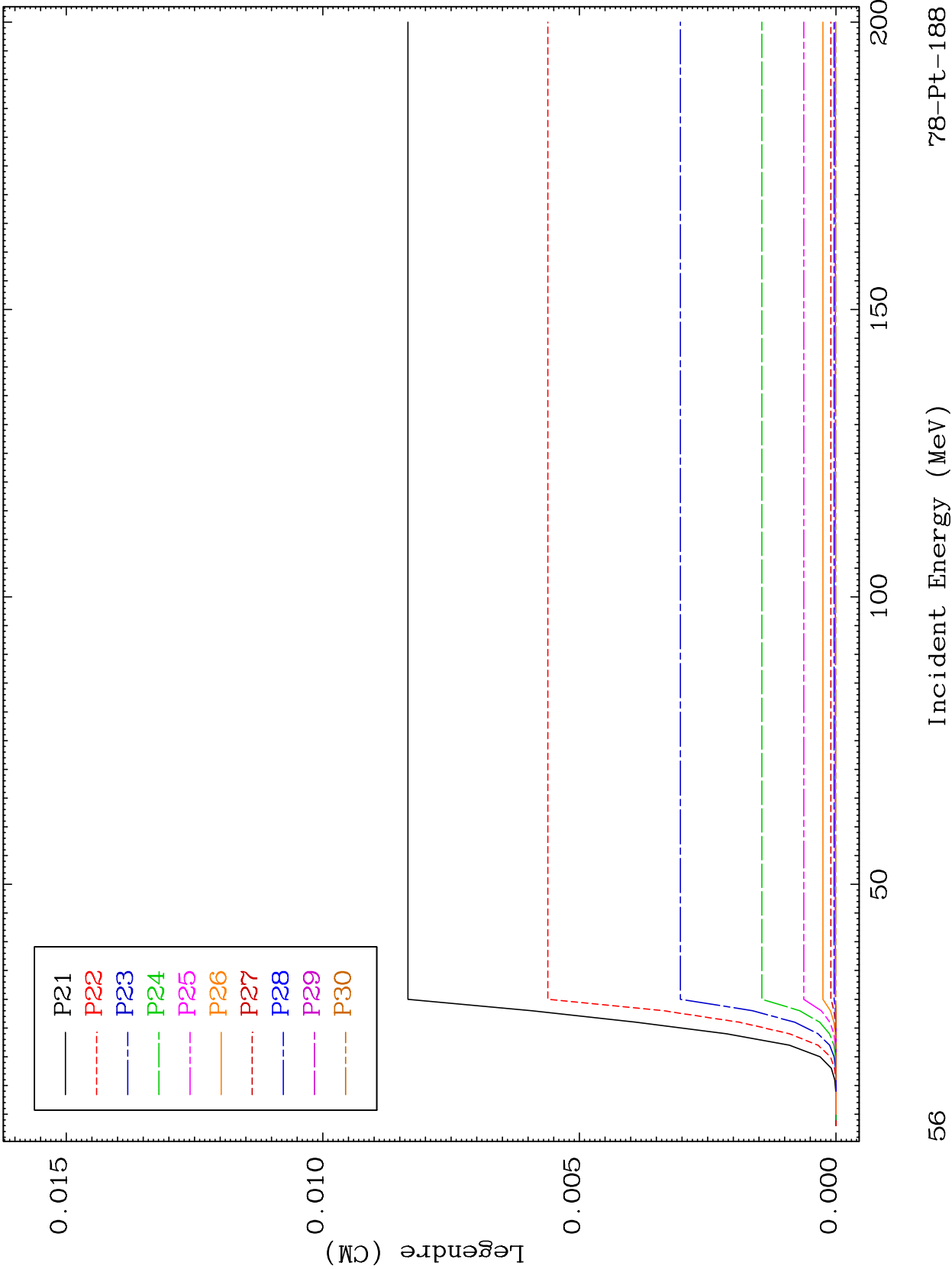
54



MAT 7819

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

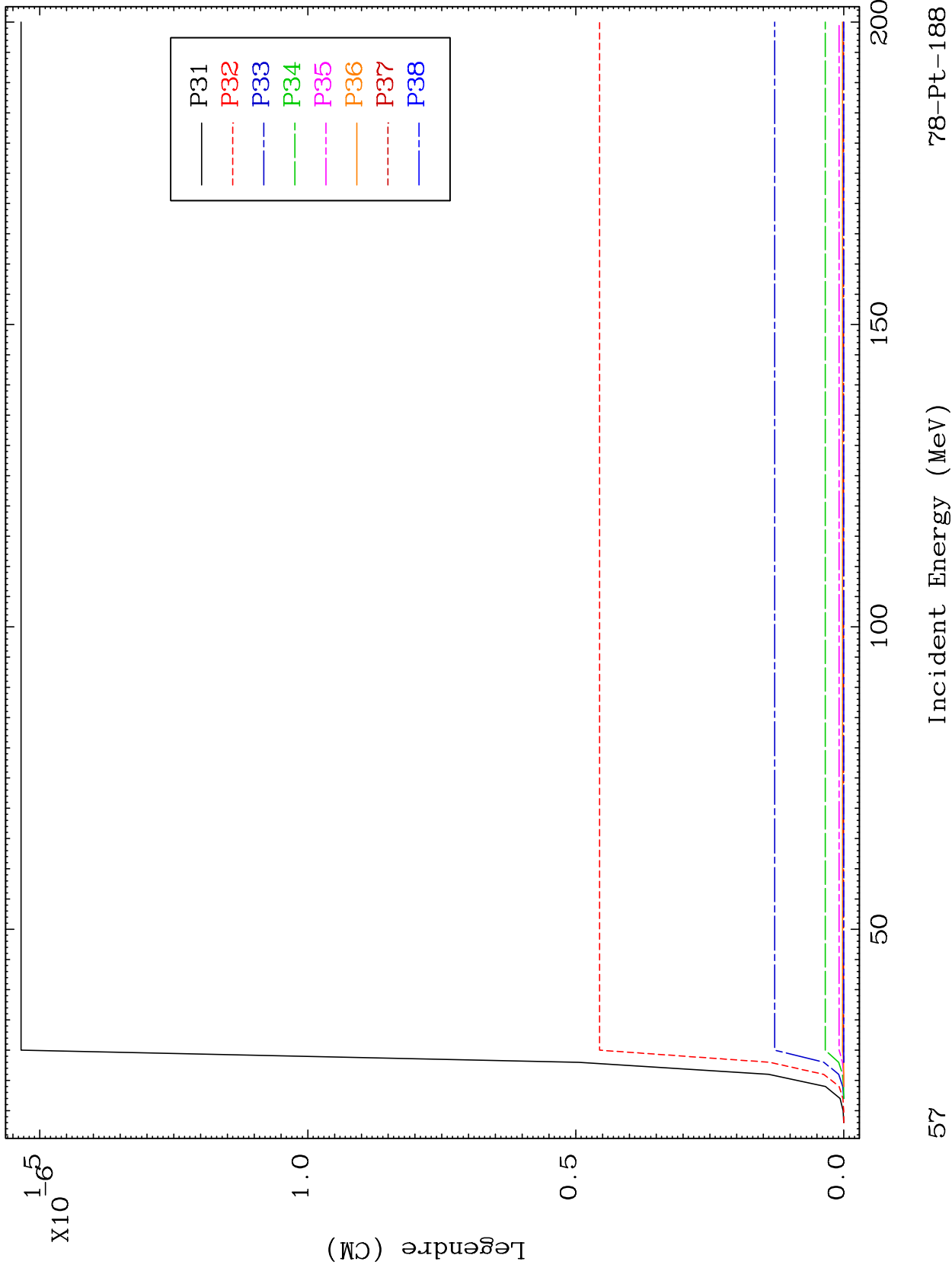
78-Pt-188



MAT 7819

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

78-Pt-188

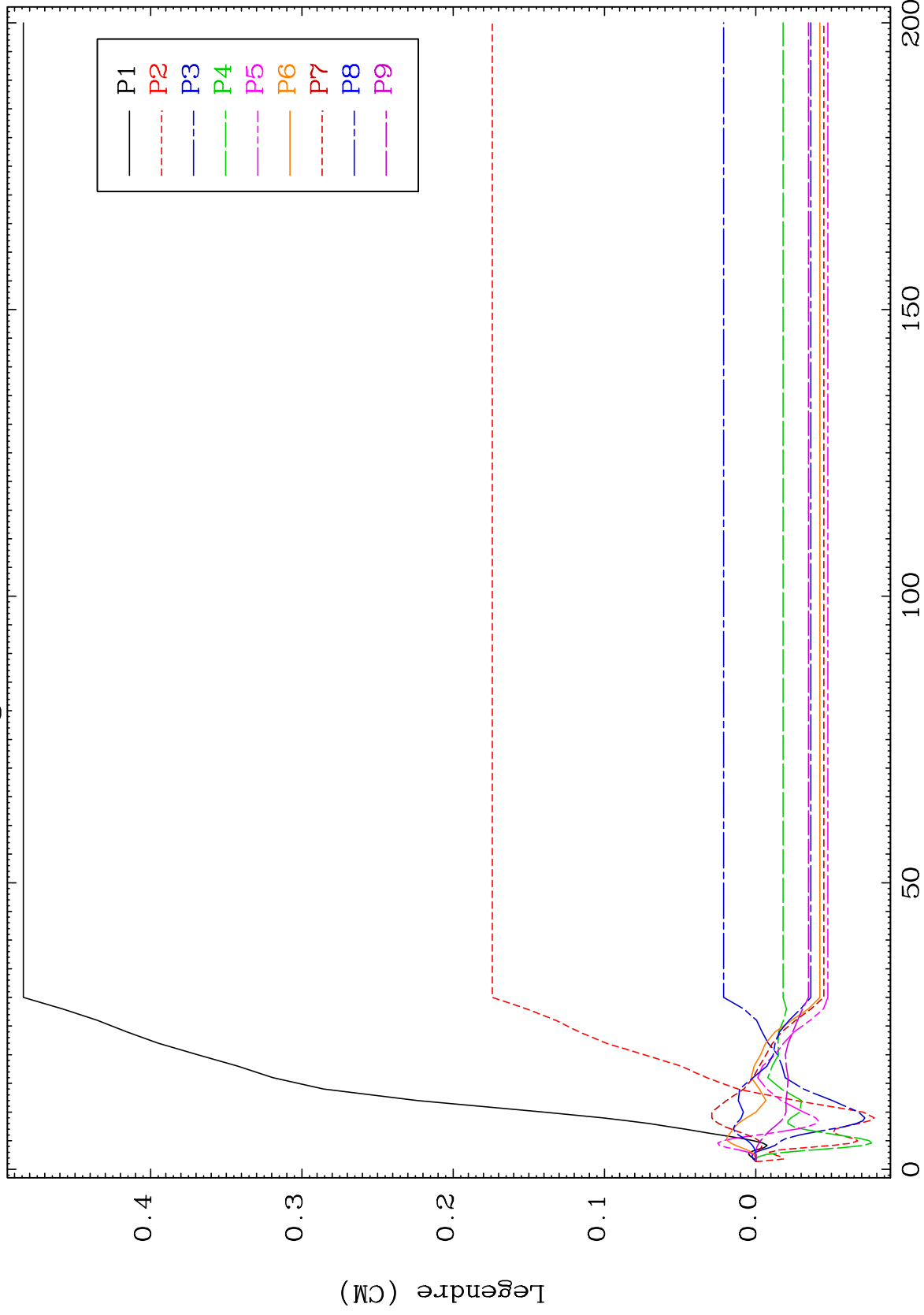


57

MAT 7819

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

78-Pt-188



78-Pt-188

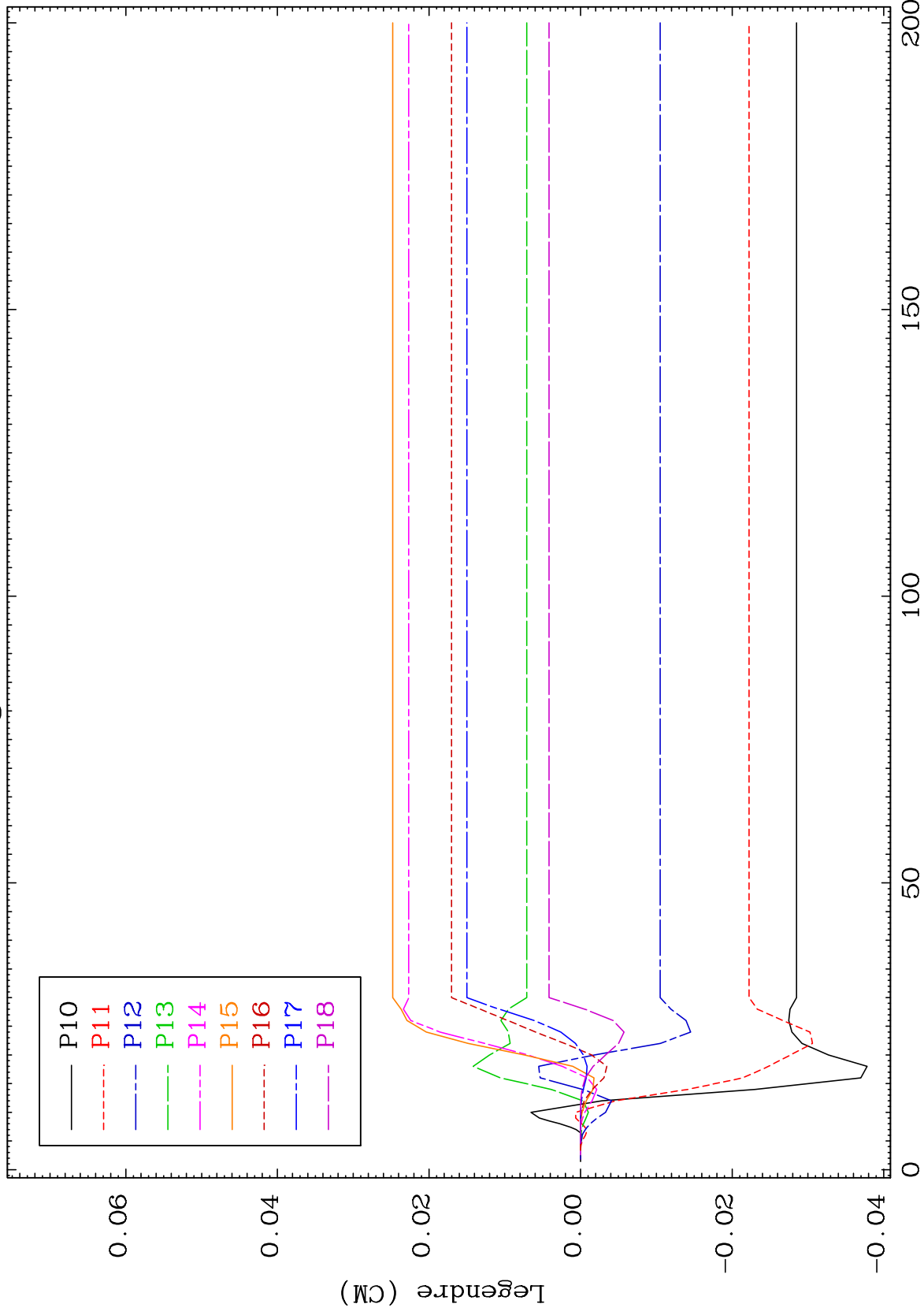
Incident Energy (MeV)

58

MAT 7819

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

78-Pt-188



59

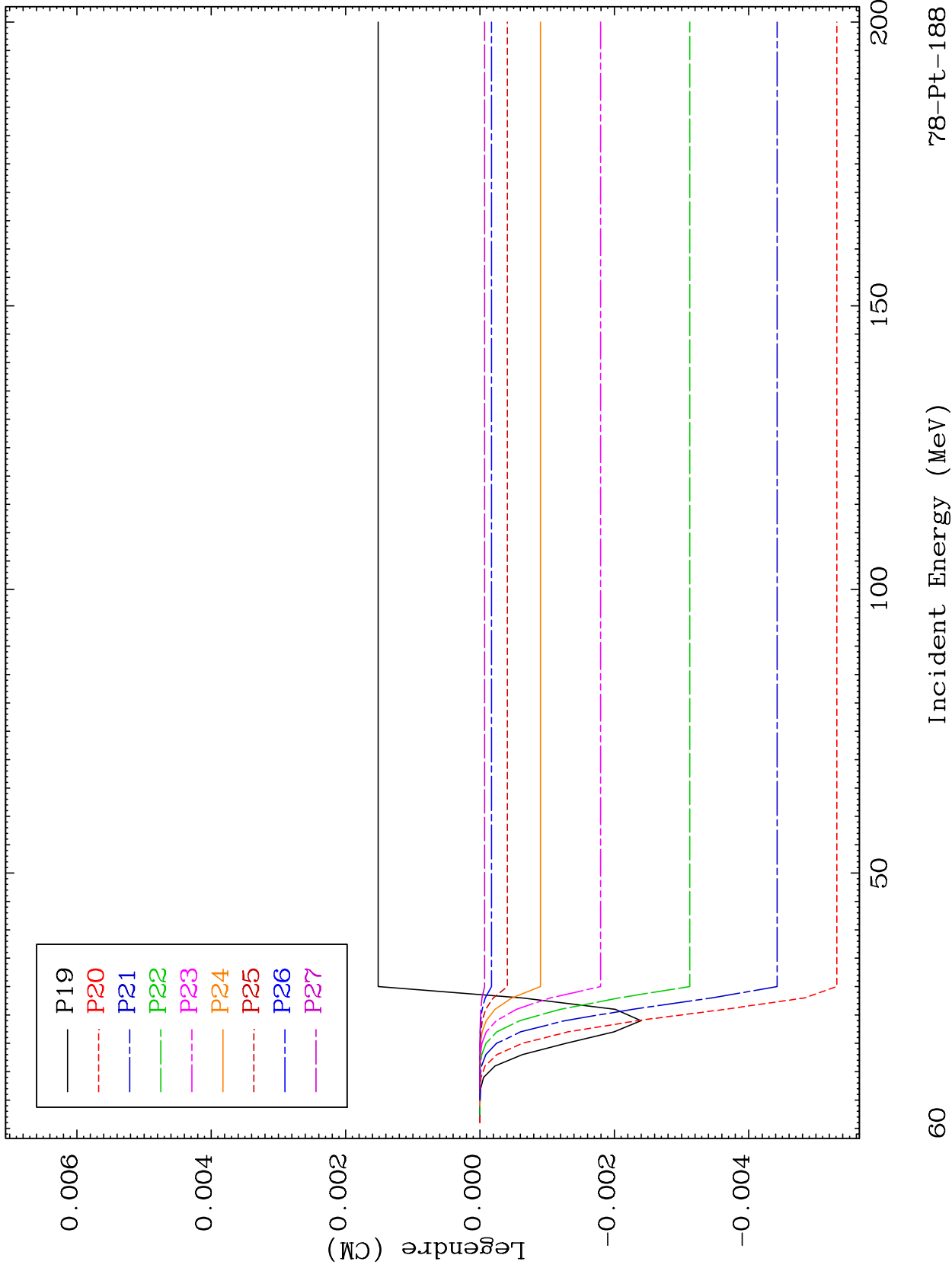
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

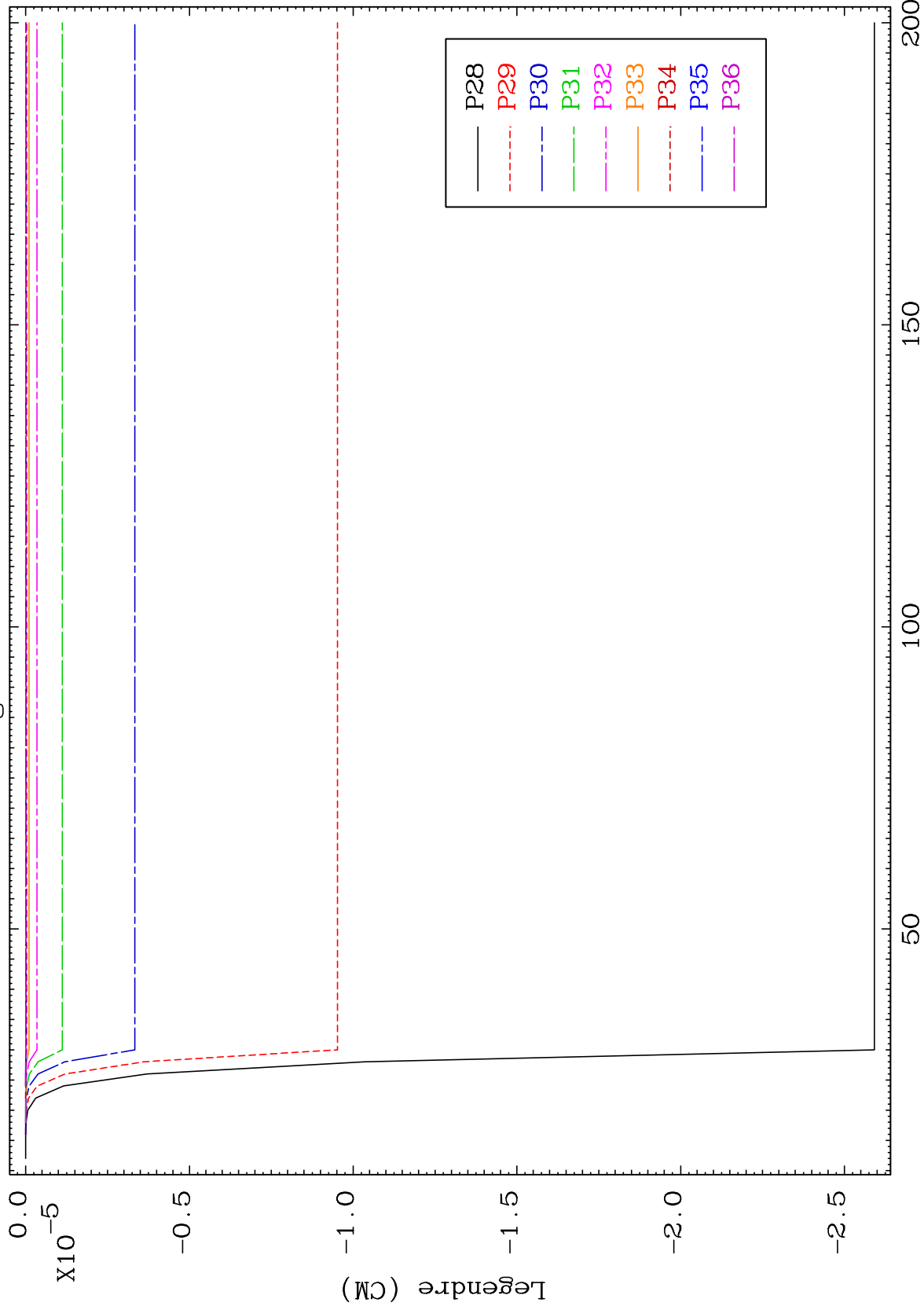
78-Pt-188

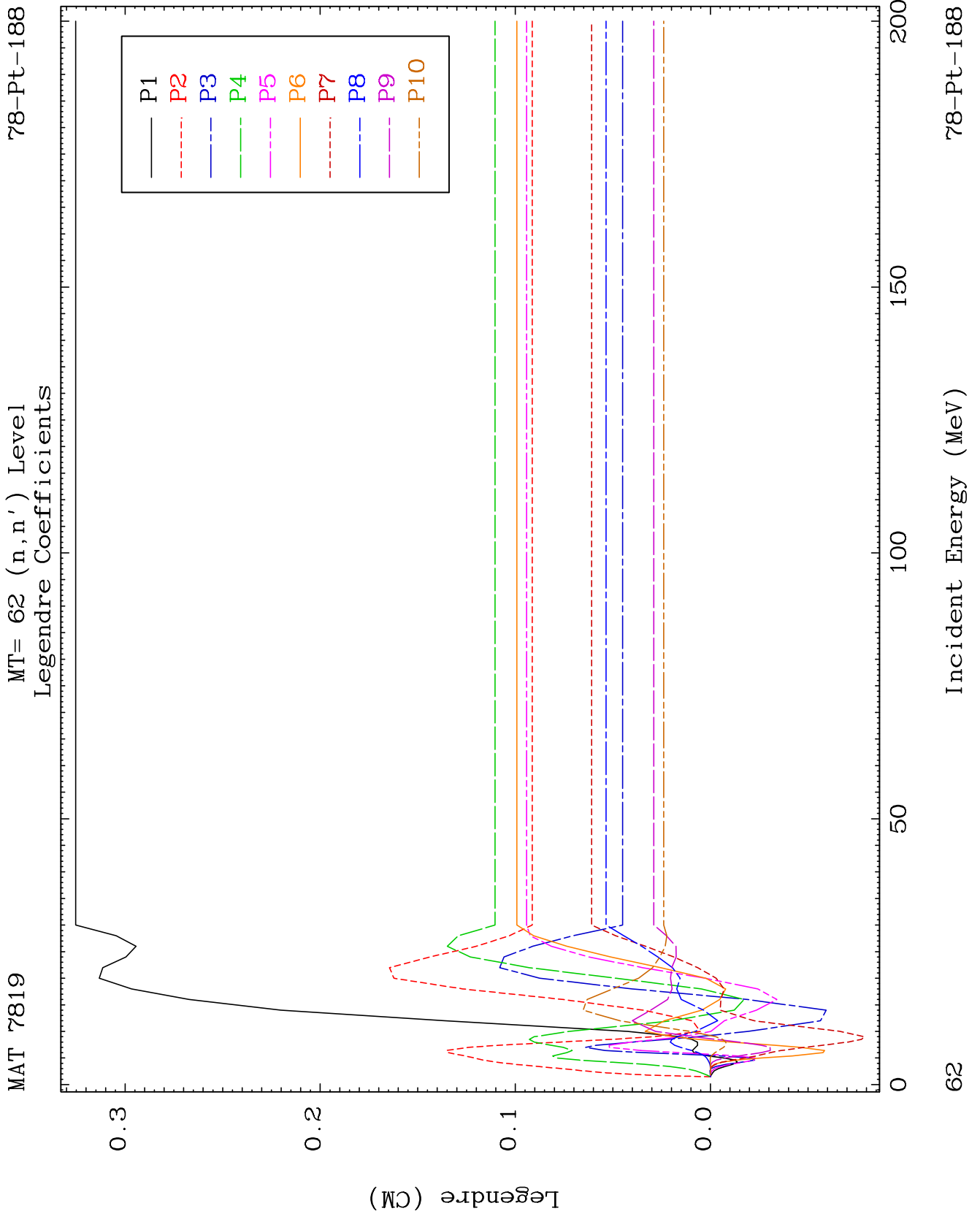


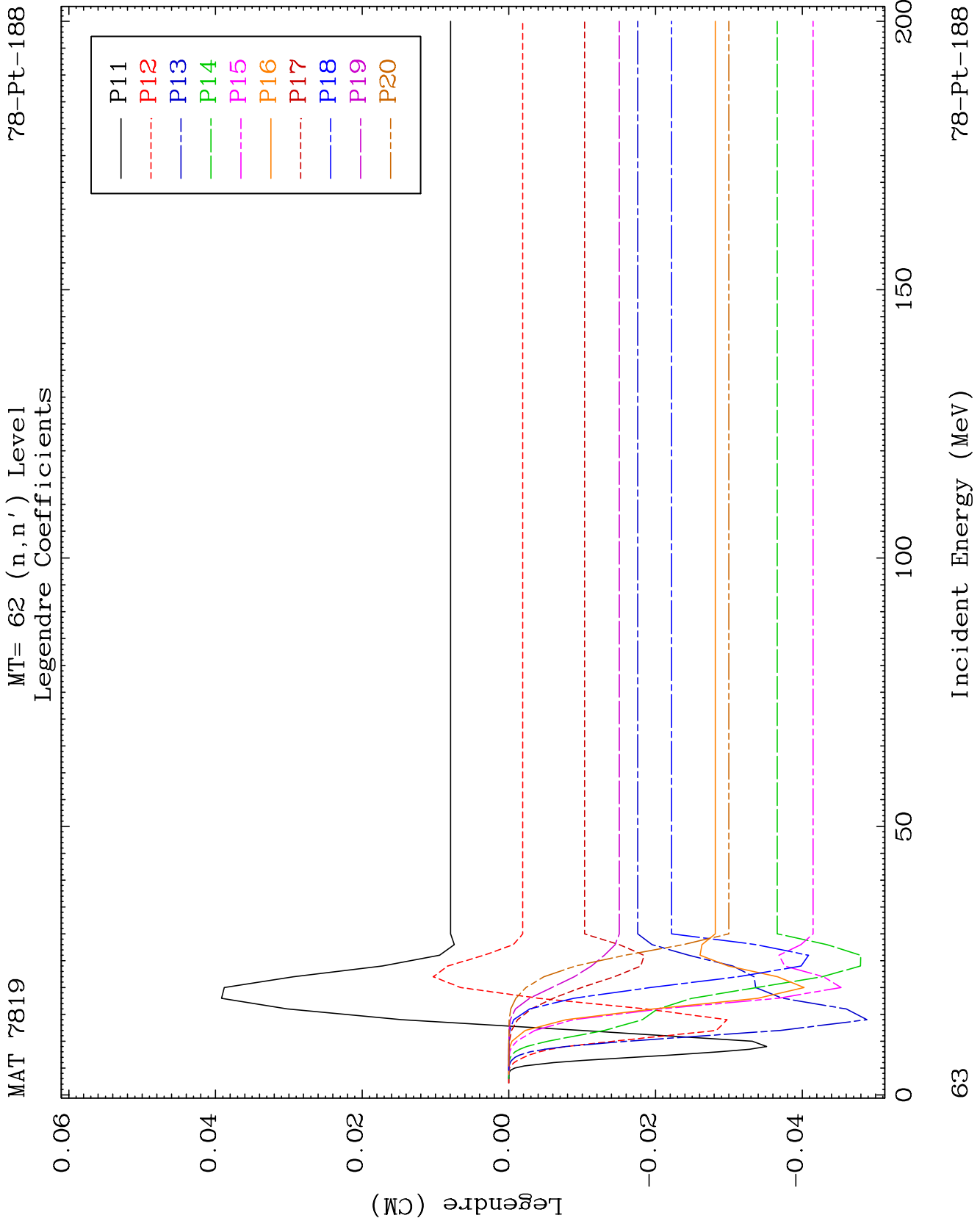
60

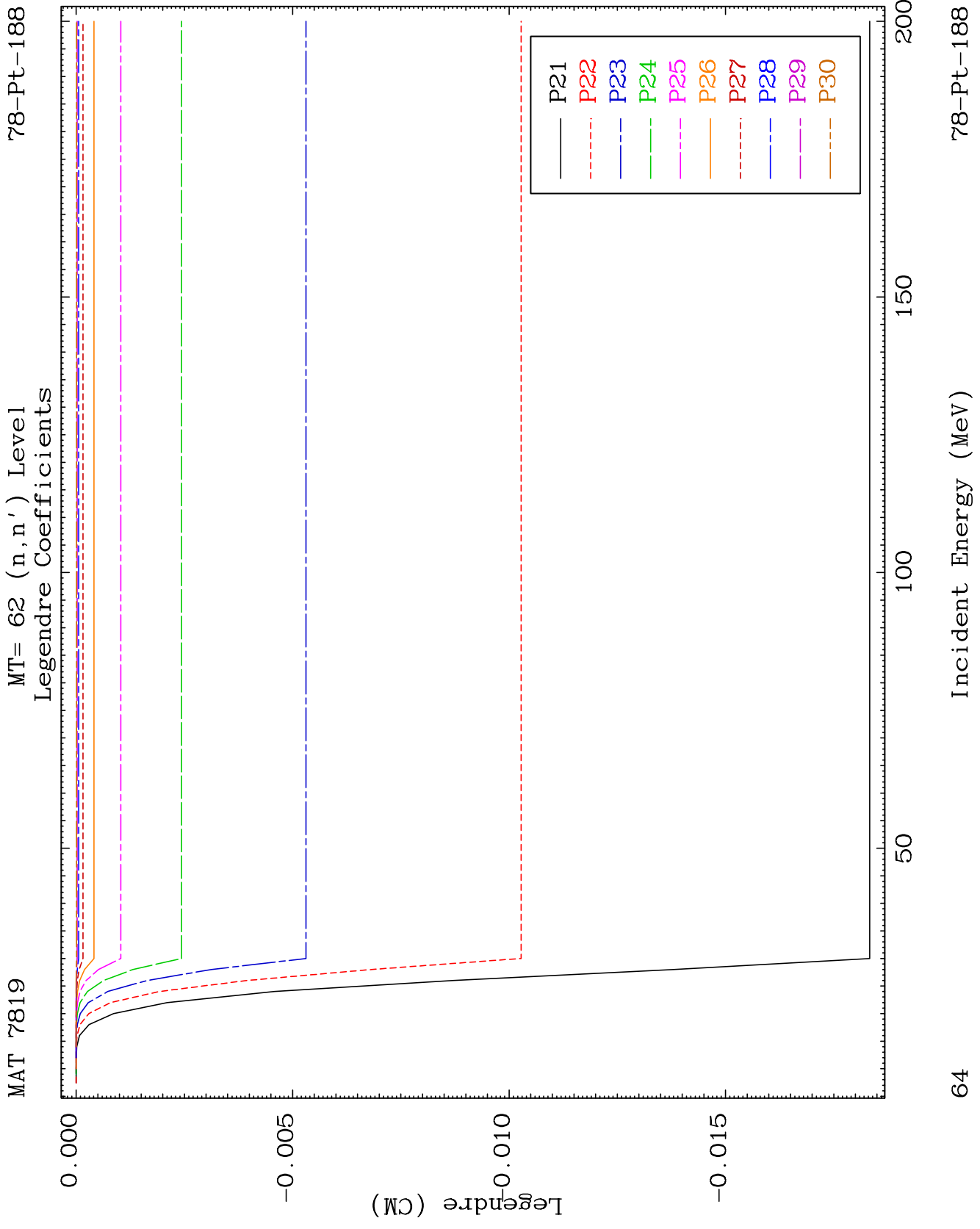
Incident Energy (MeV)

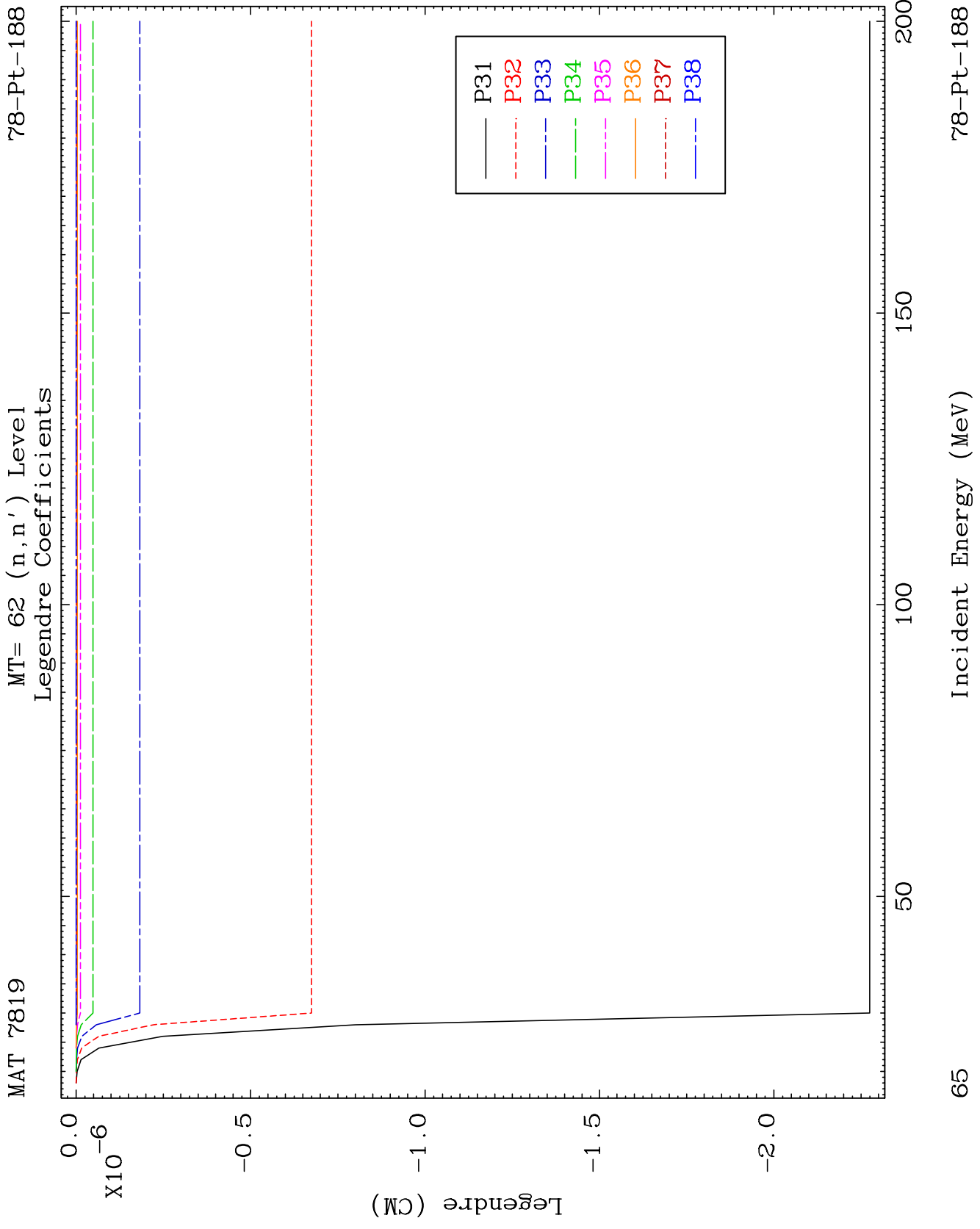
78-Pt-188







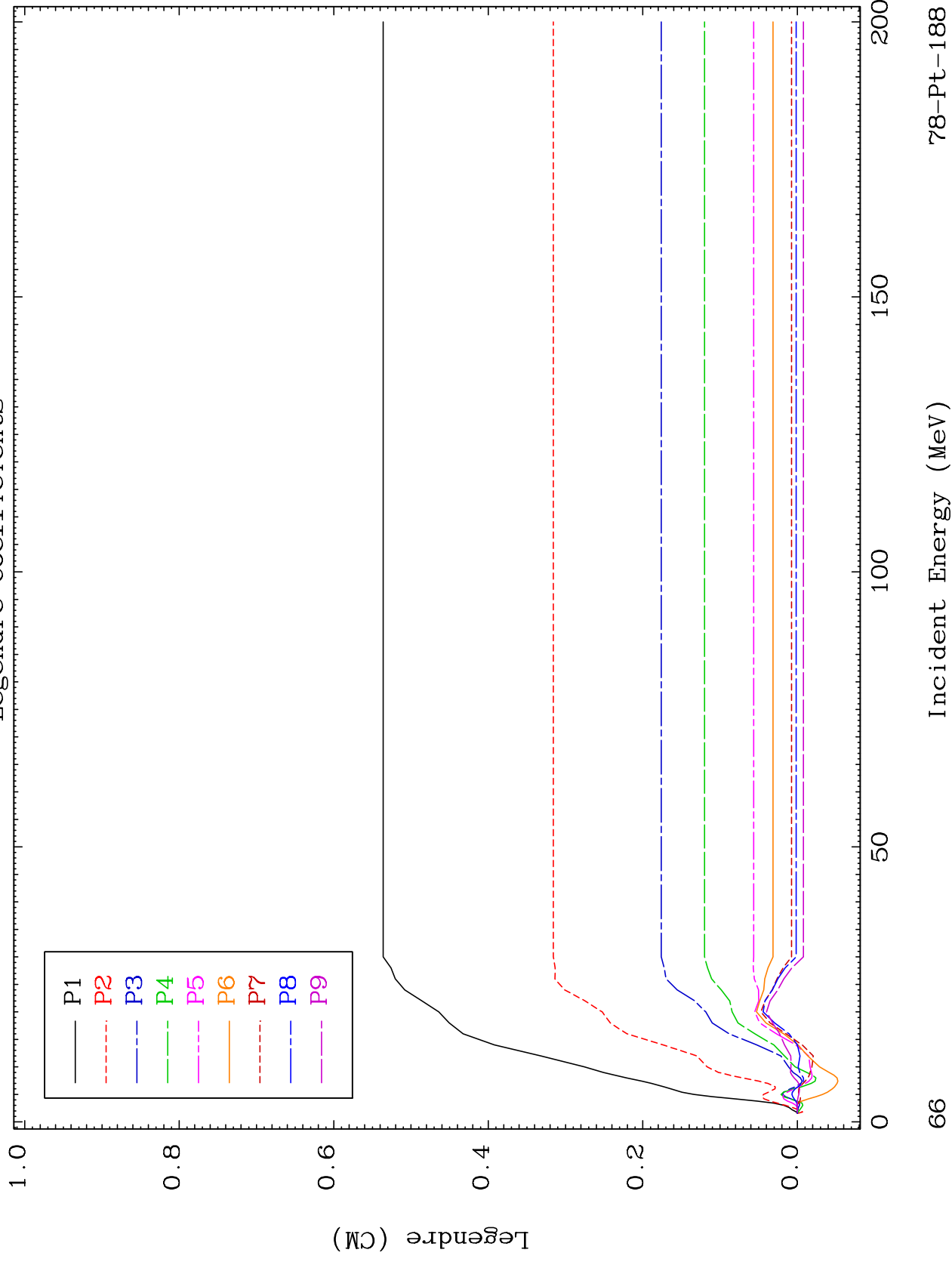




MAT 7819

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

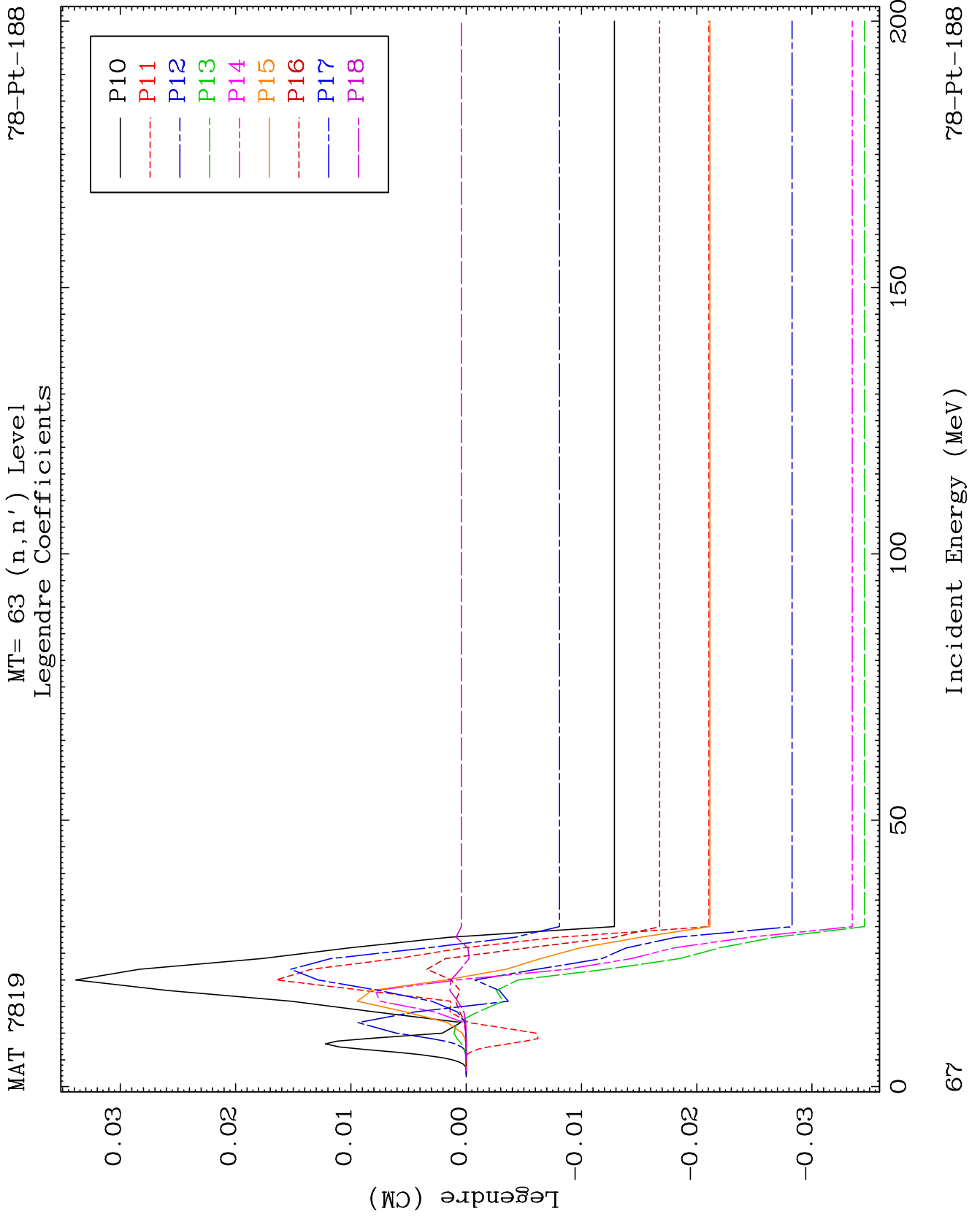
78-Pt-188



78-Pt-188

Incident Energy (MeV)

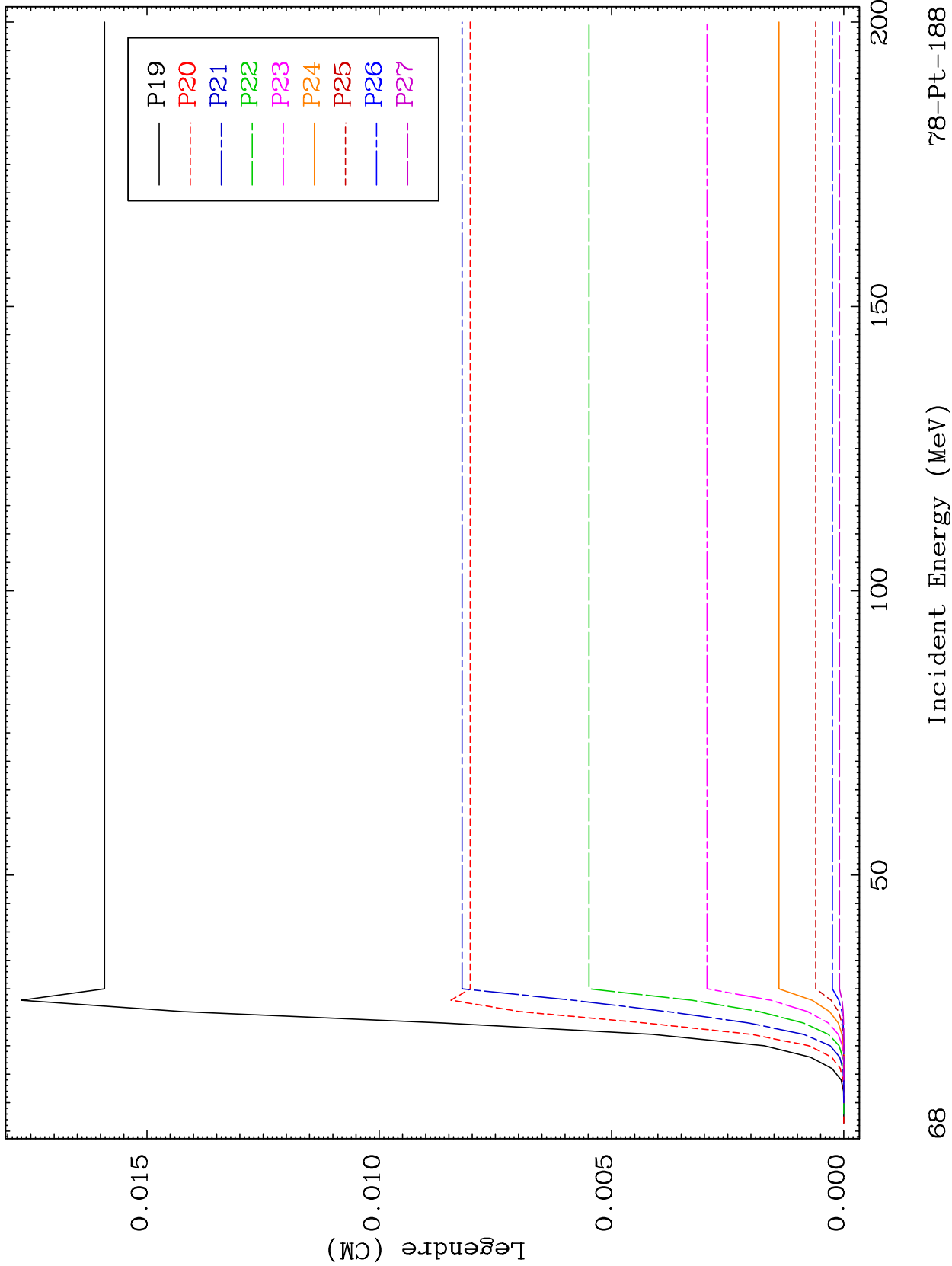
66



MAT 7819

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

78-Pt-188



68

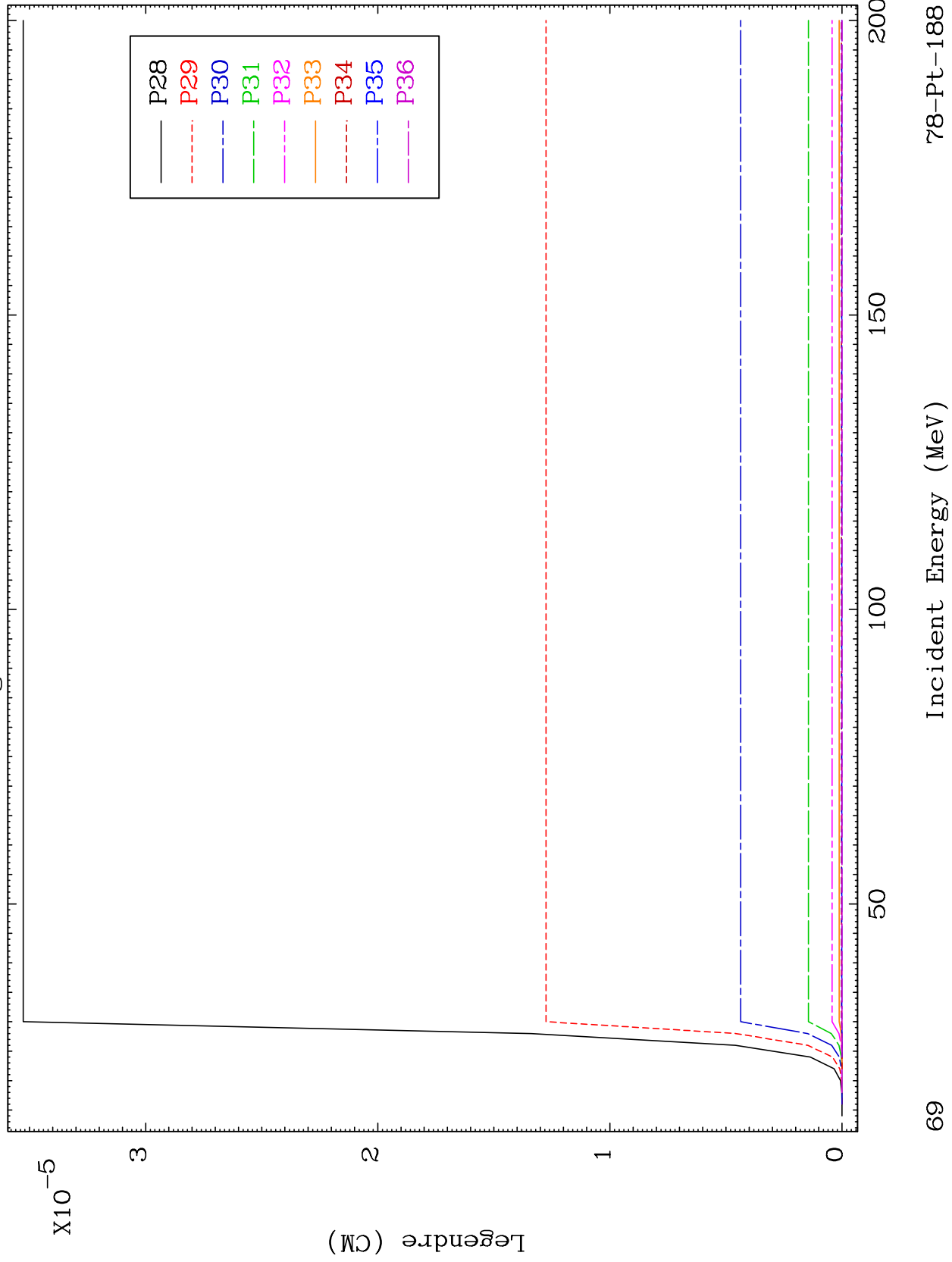
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

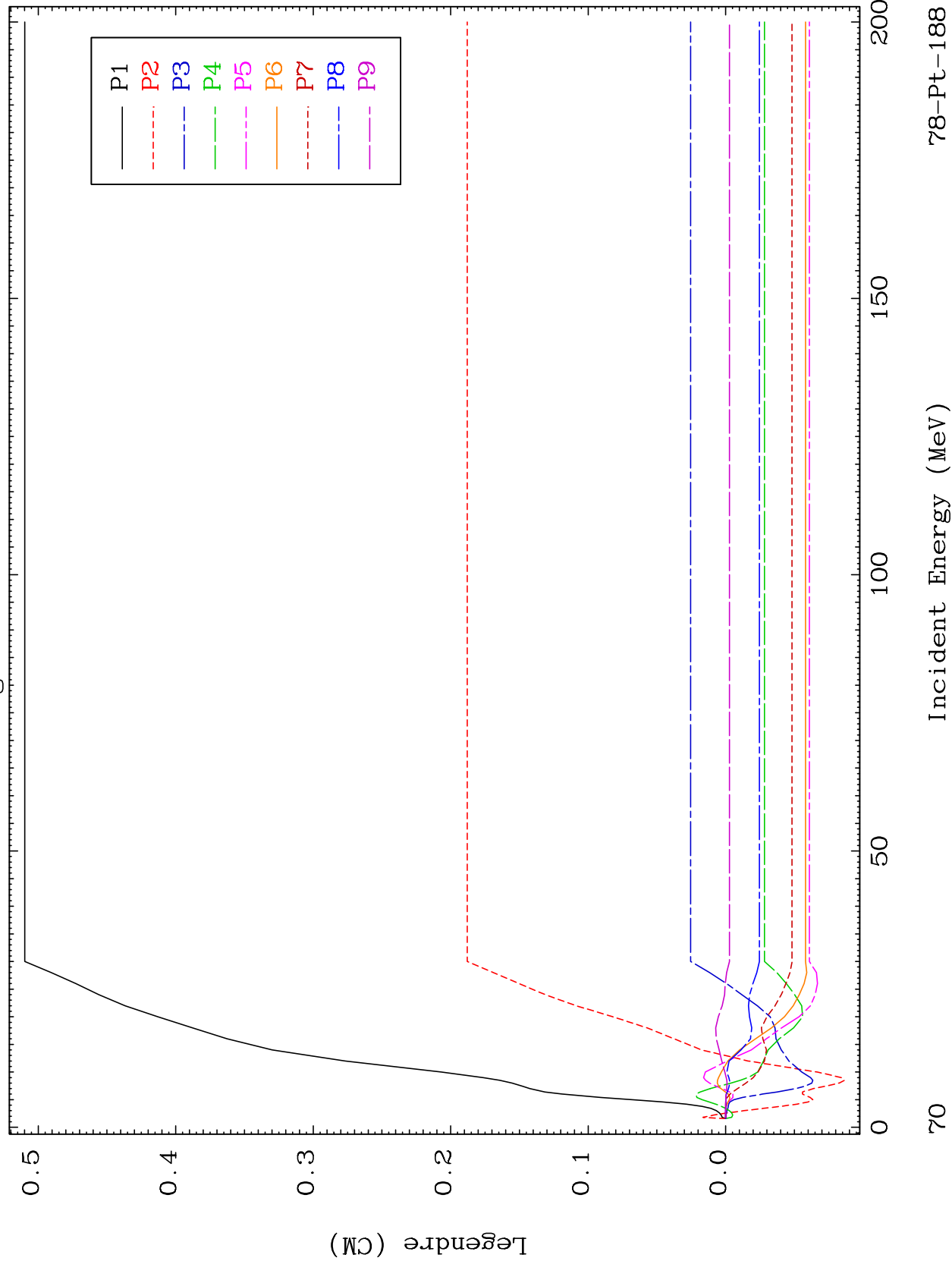
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

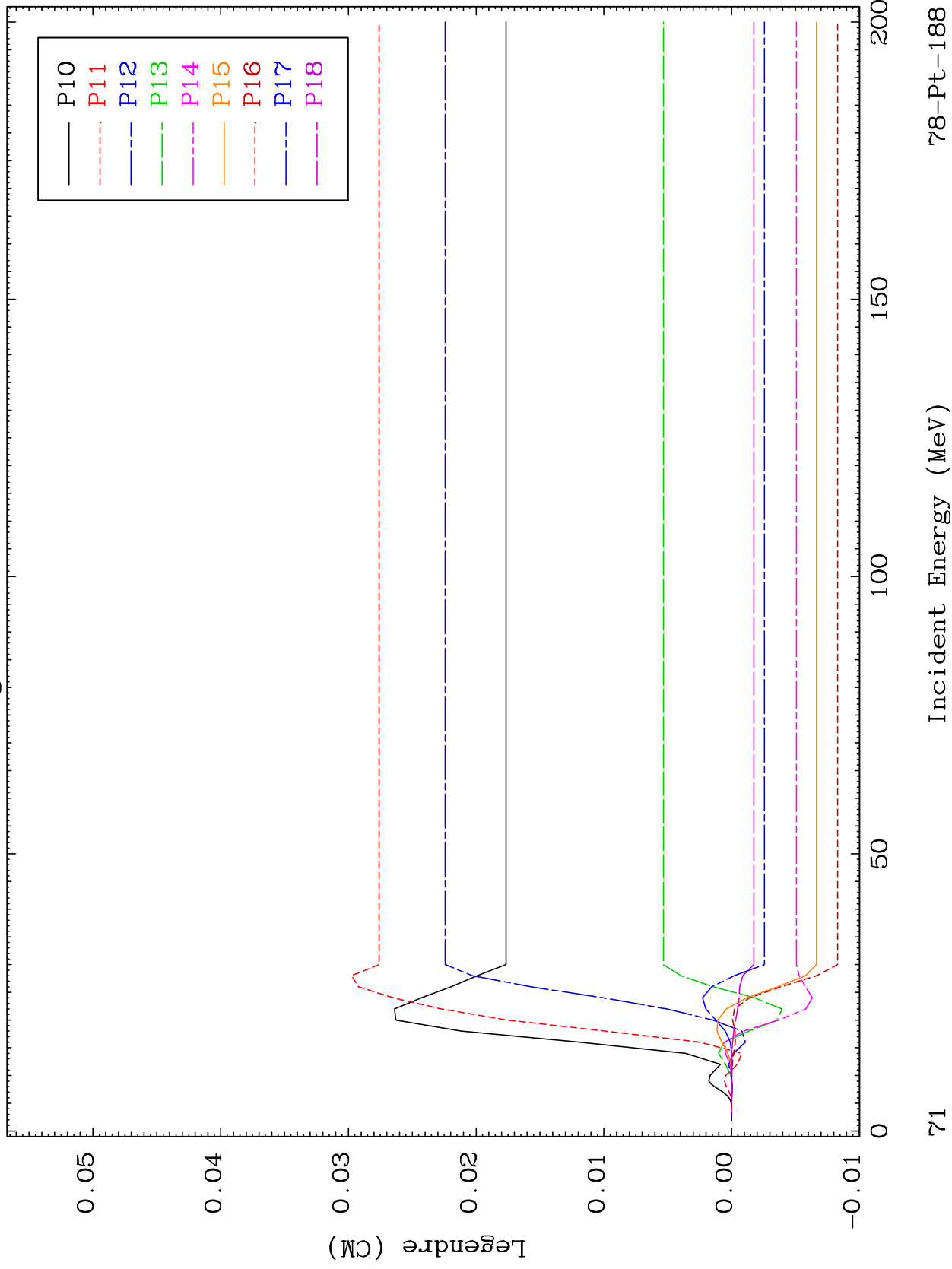
Incident Energy (MeV)

70

MAT 7819

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

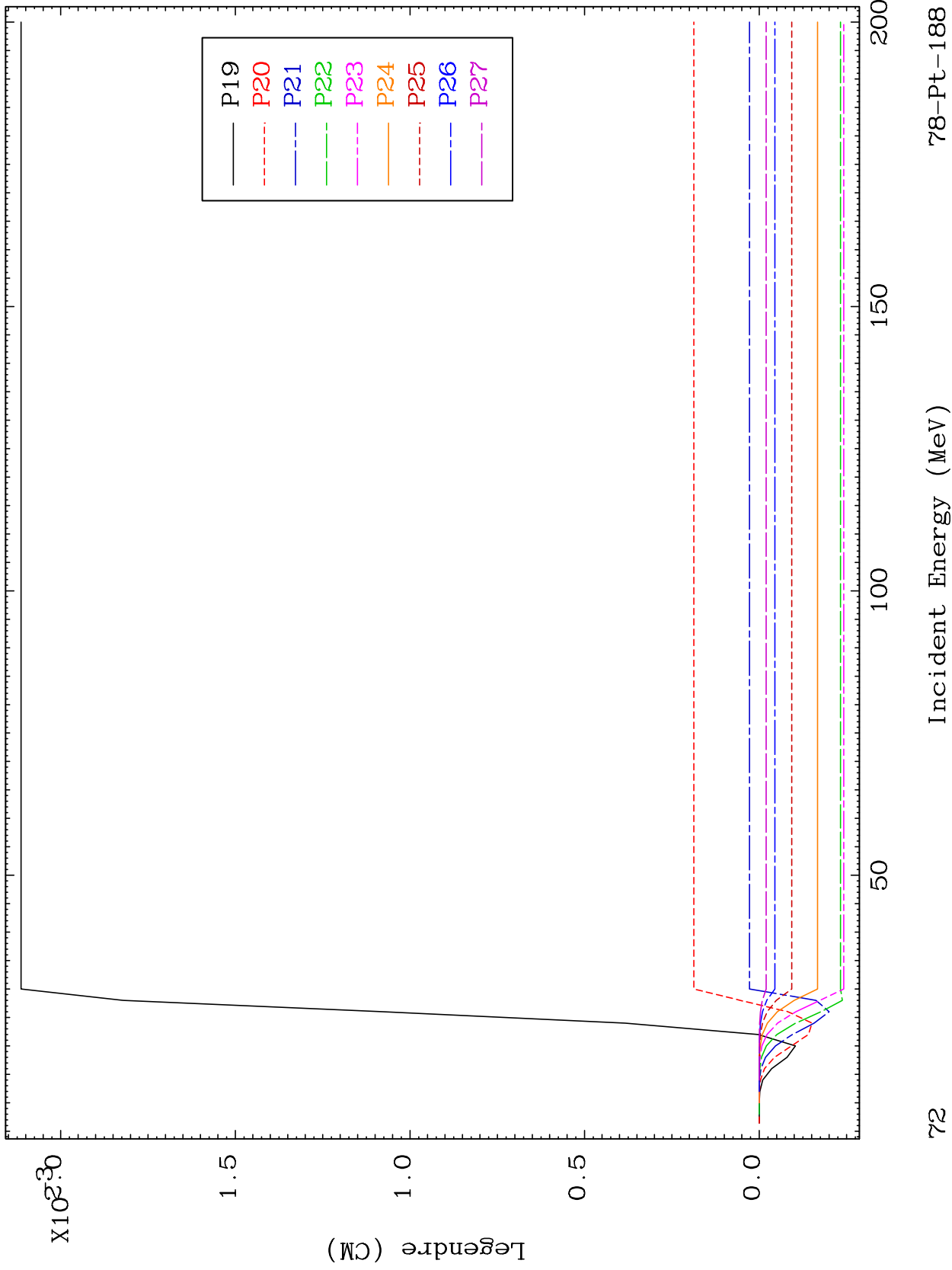
78-Pt-188

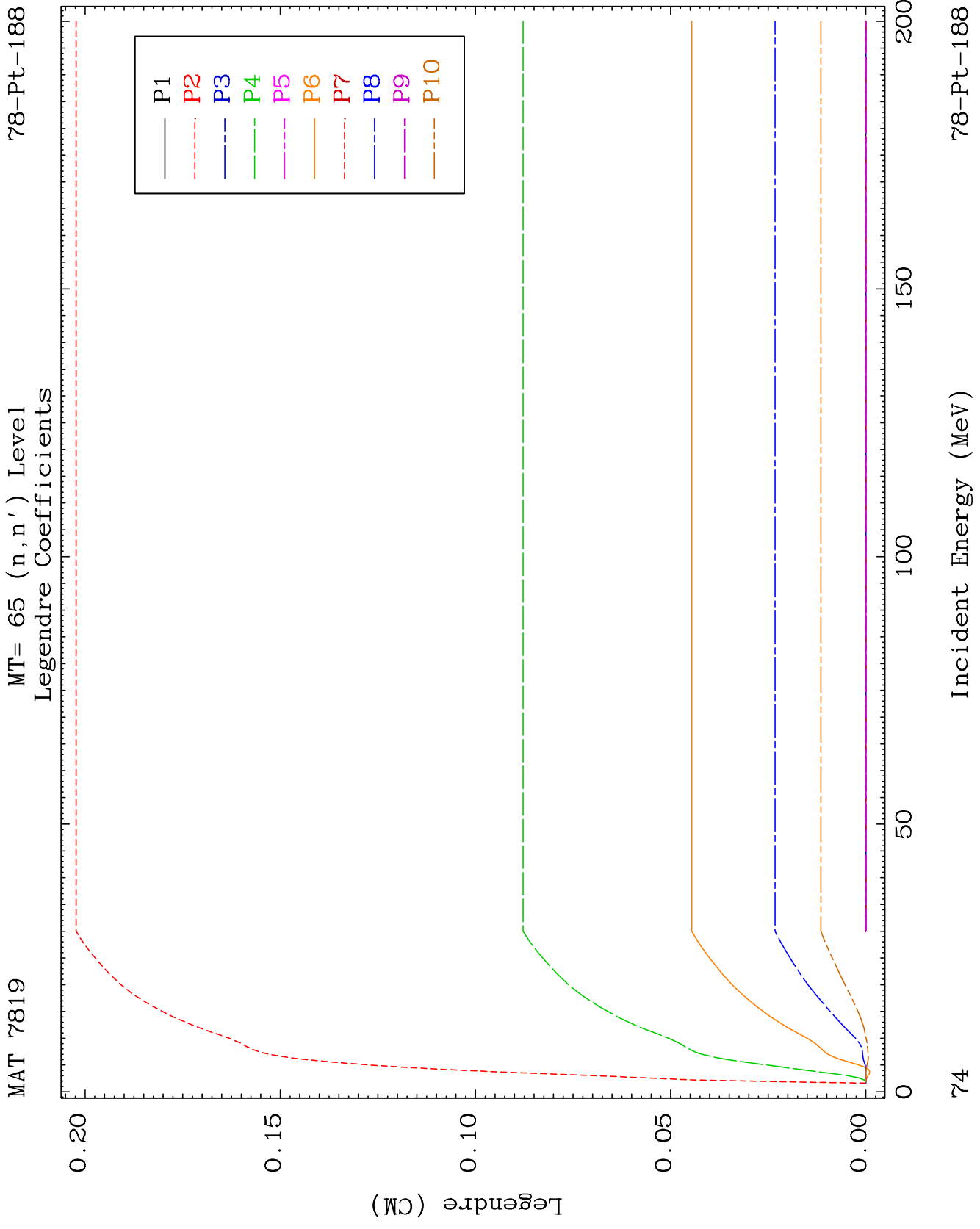


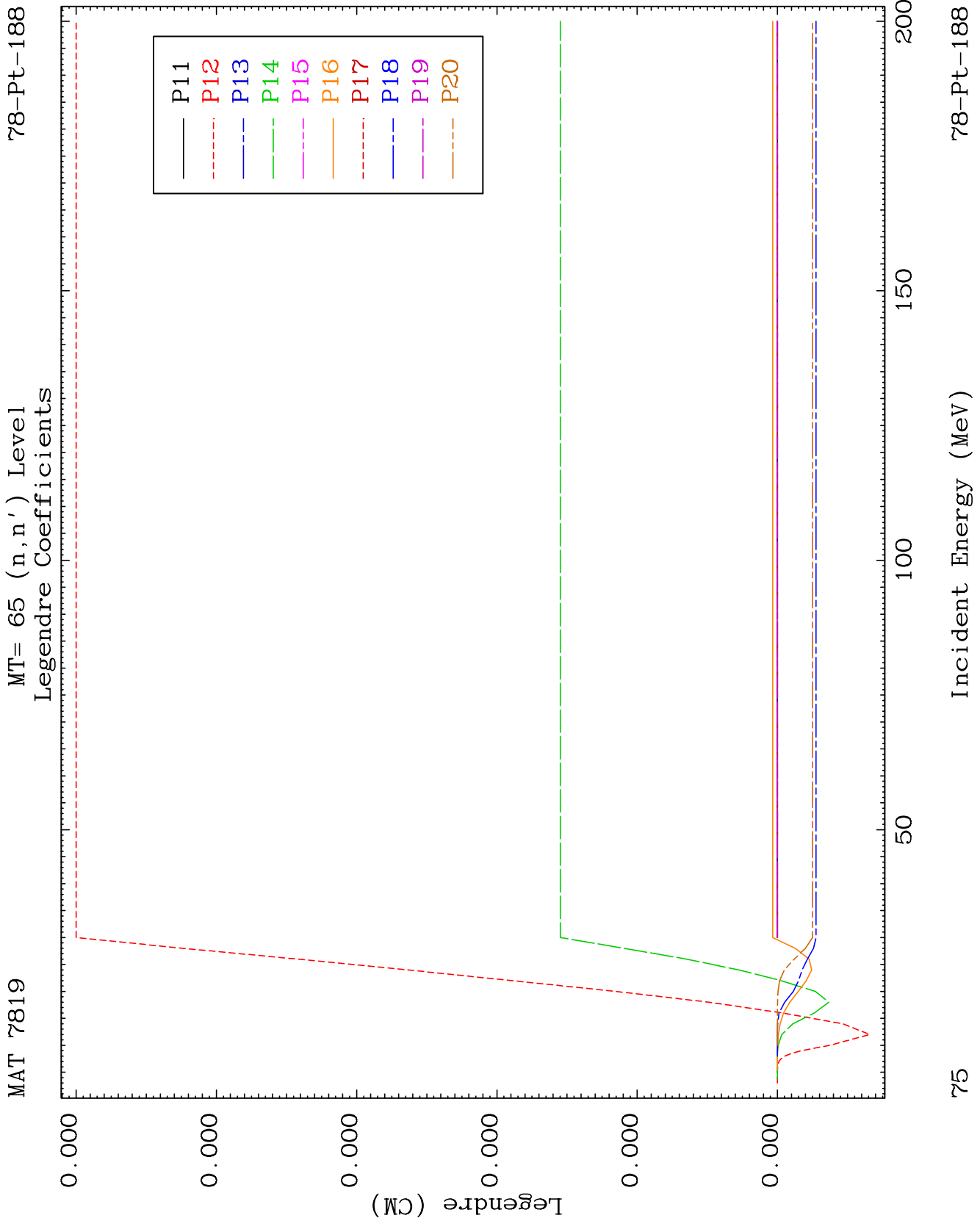
71

Incident Energy (MeV)

78-Pt-188



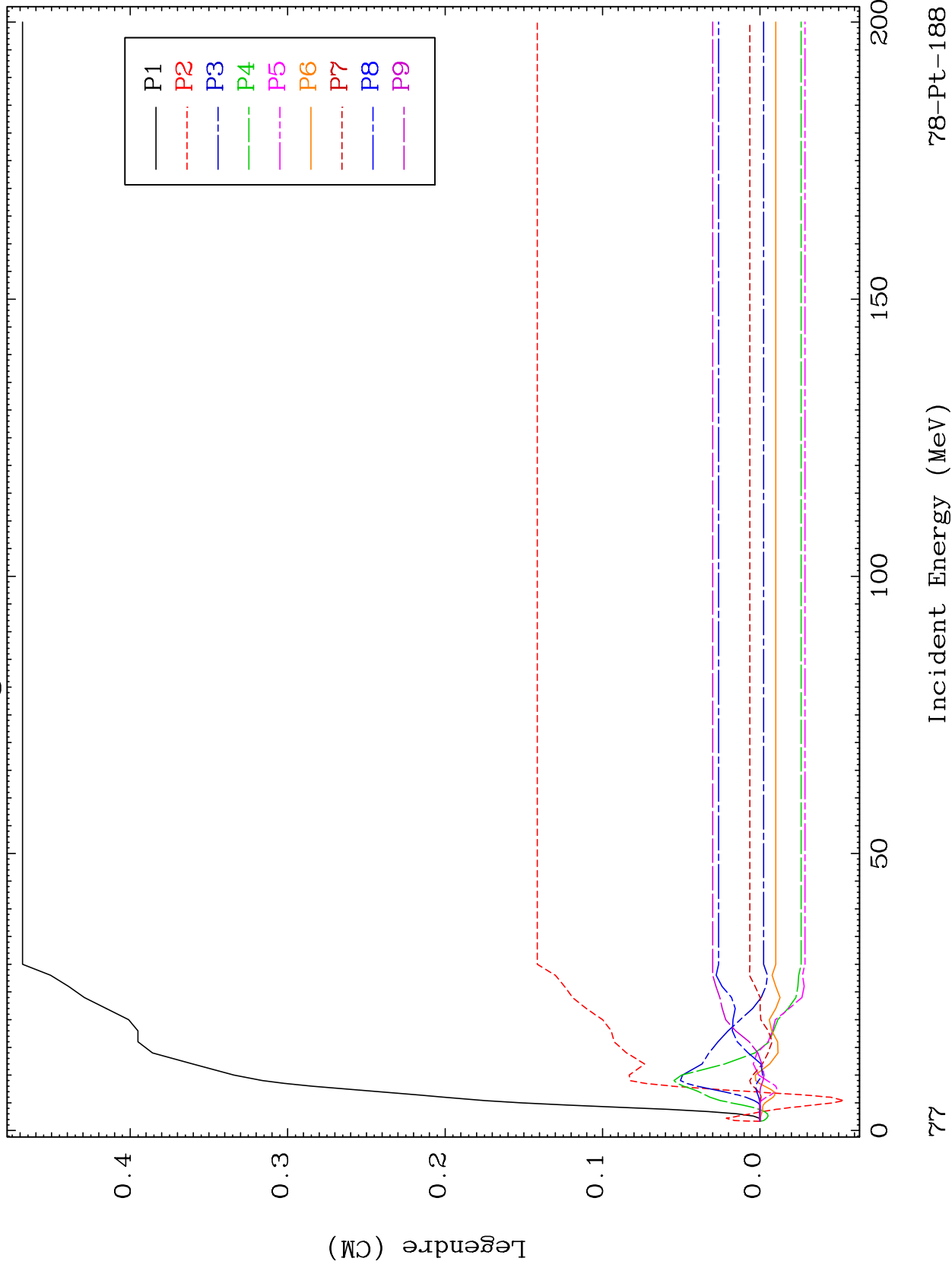




MAT 7819

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

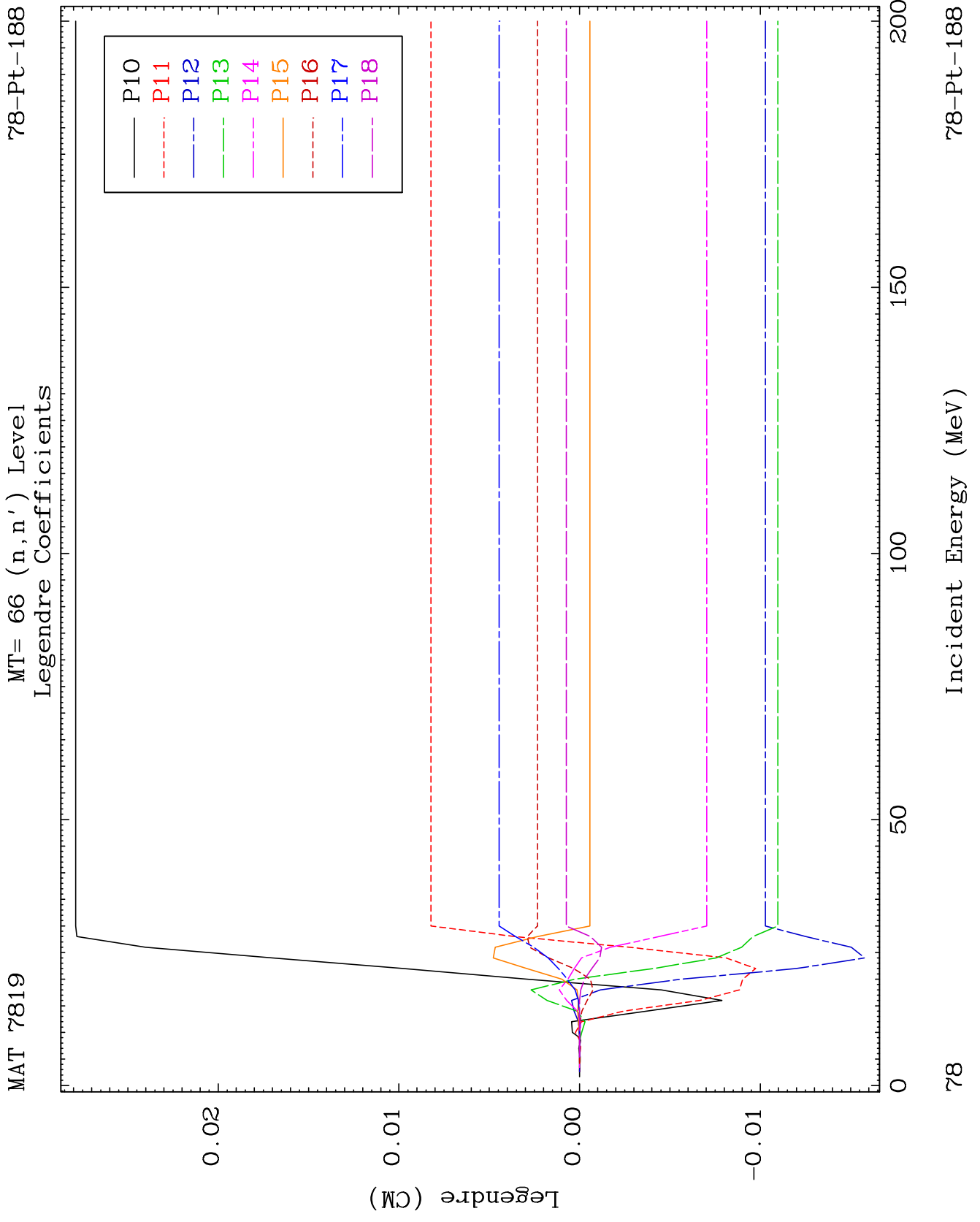
78-Pt-188



78-Pt-188

Incident Energy (MeV)

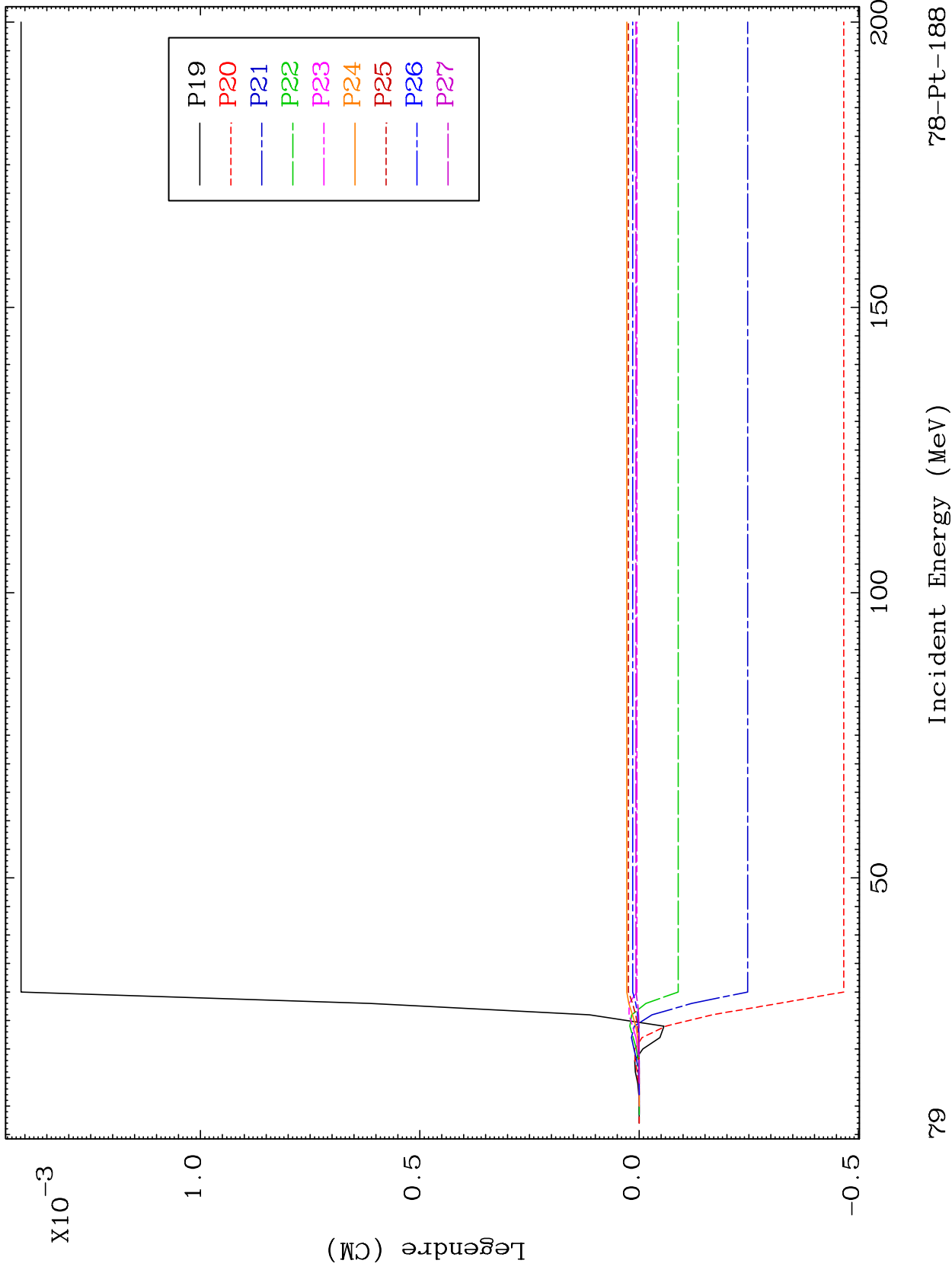
77



MAT 7819

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

78-Pt-188



79

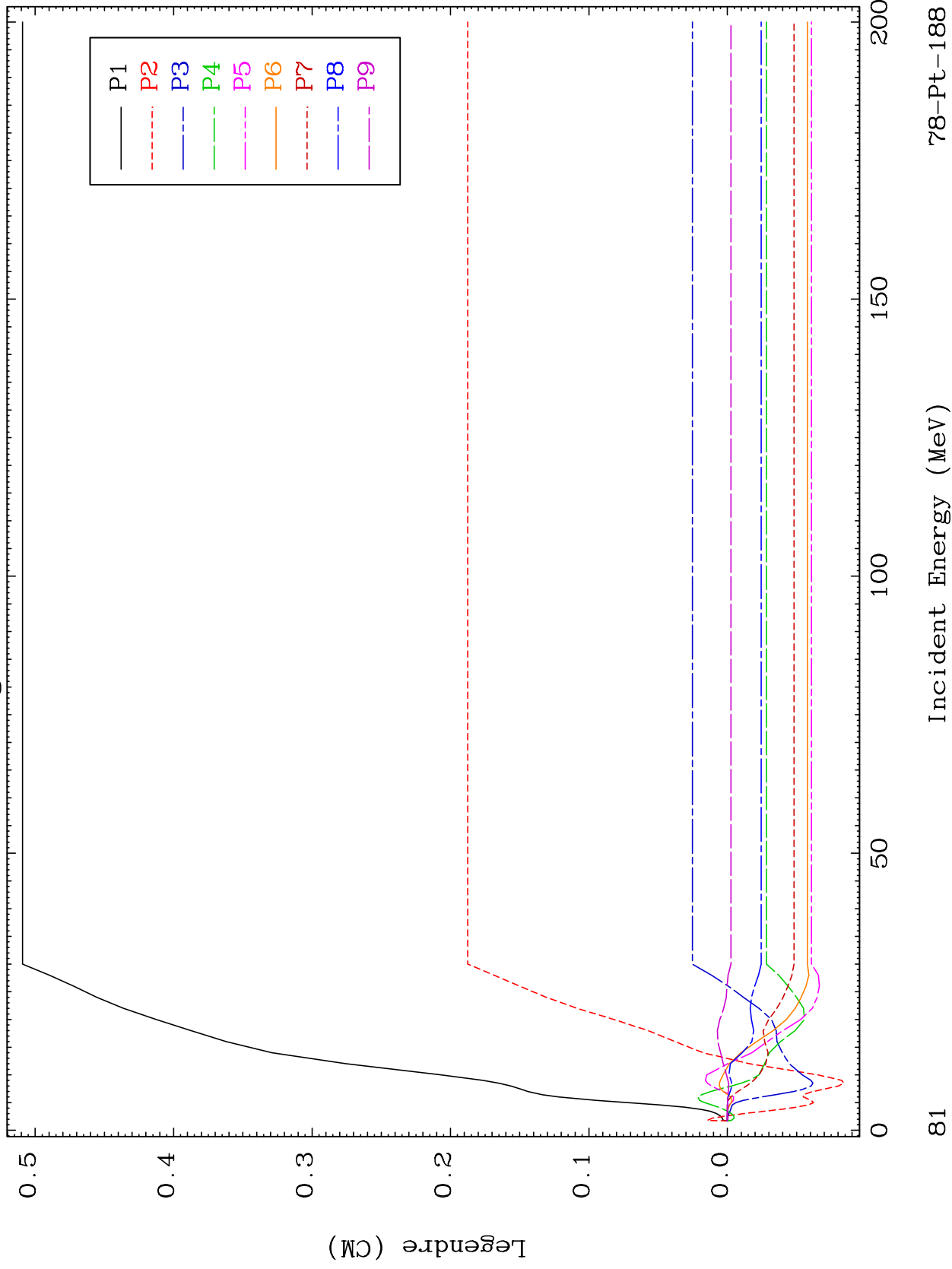
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



81

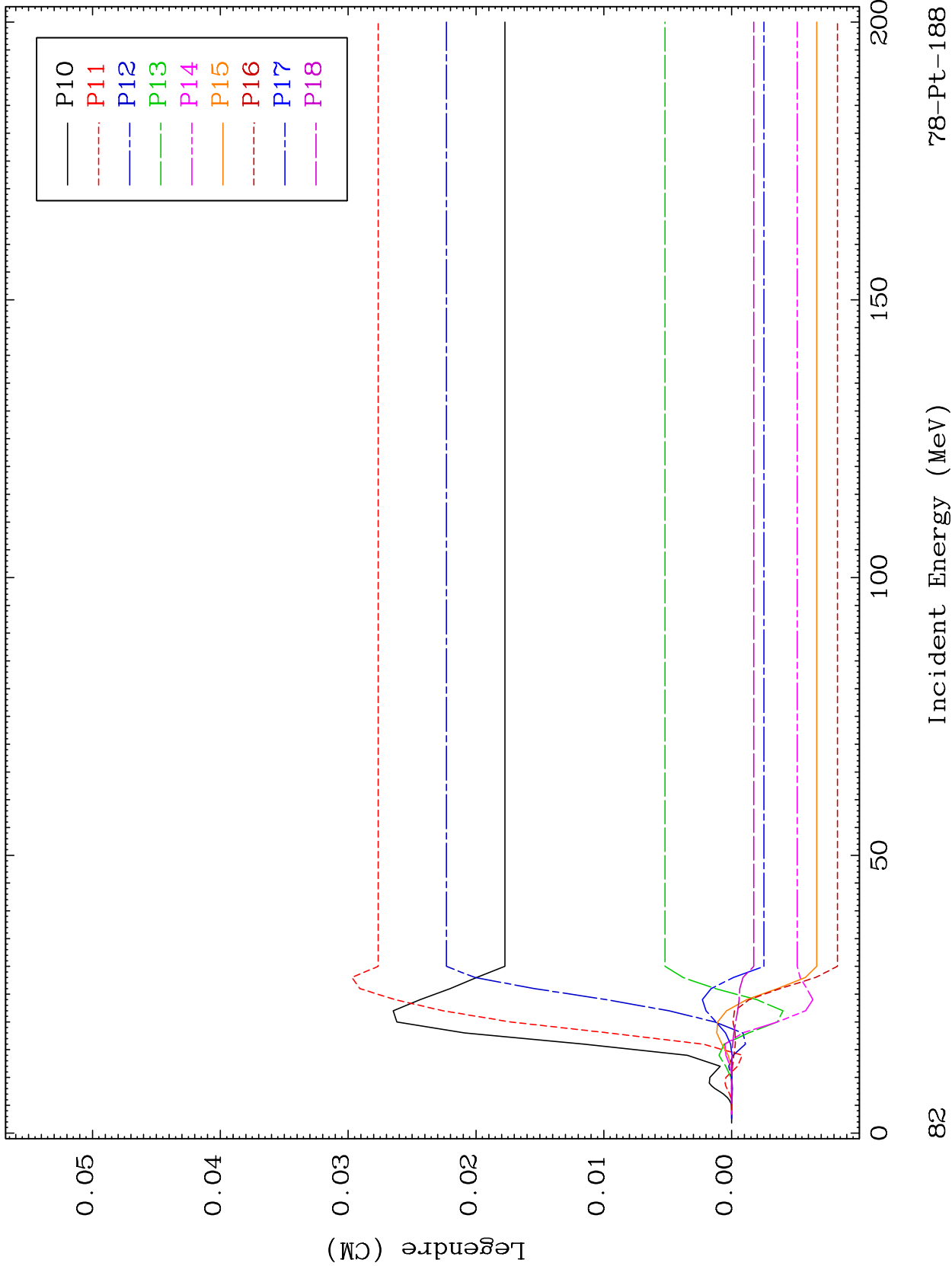
Incident Energy (MeV)

78-Pt-188

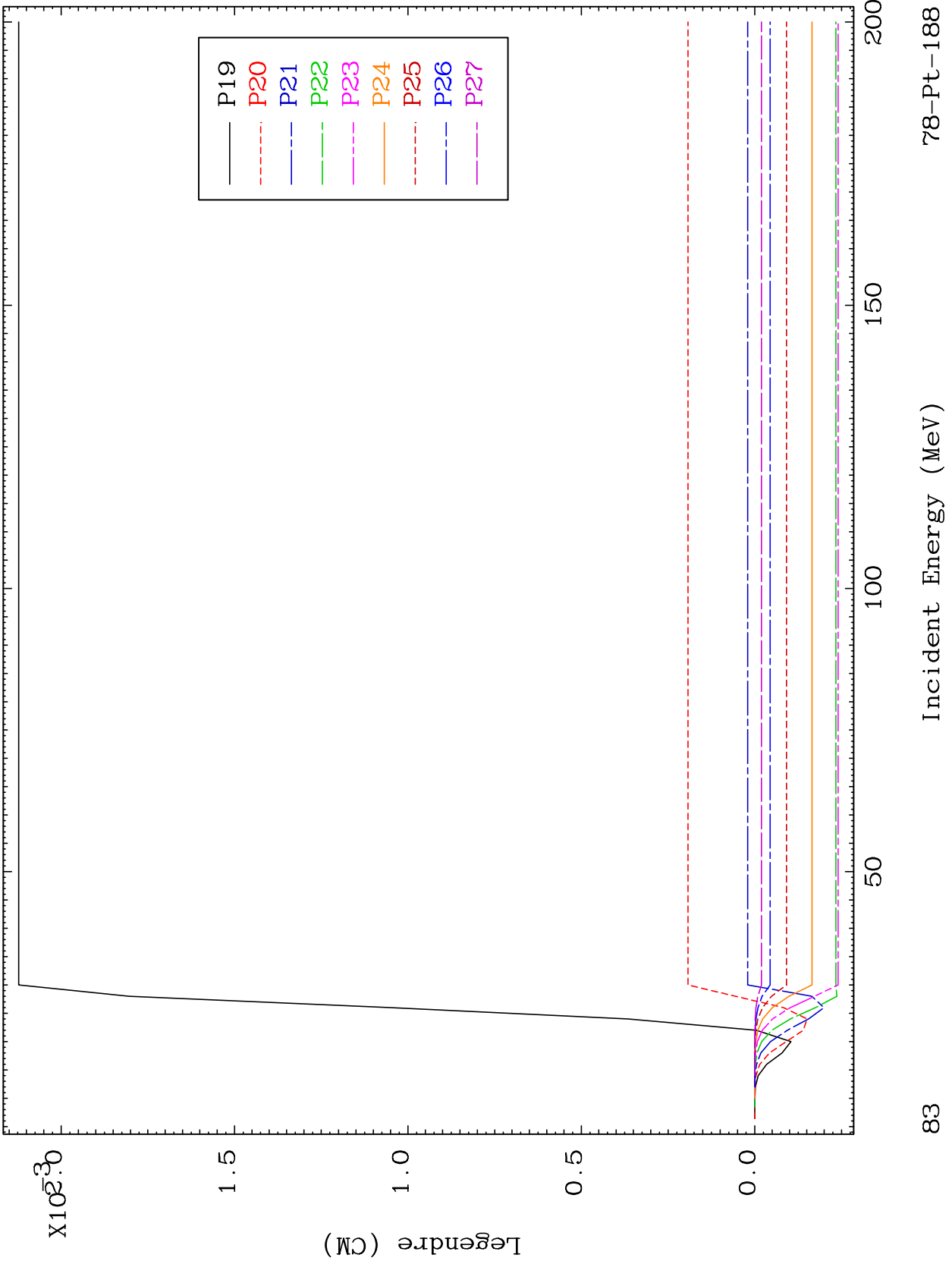
MAT 7819

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

78-Pt-188



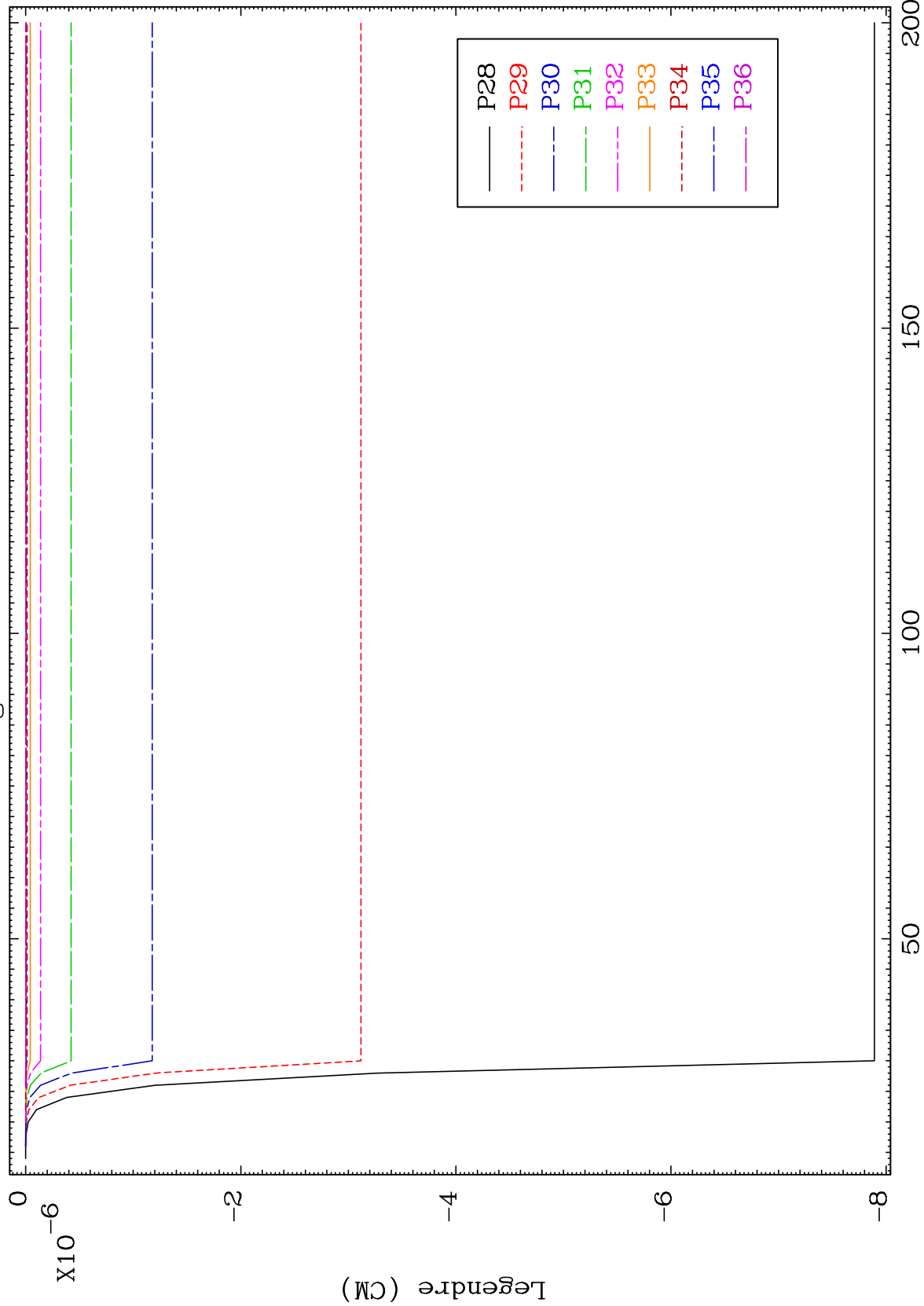
82



MAT 7819

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

78-Pt-188



78-Pt-188

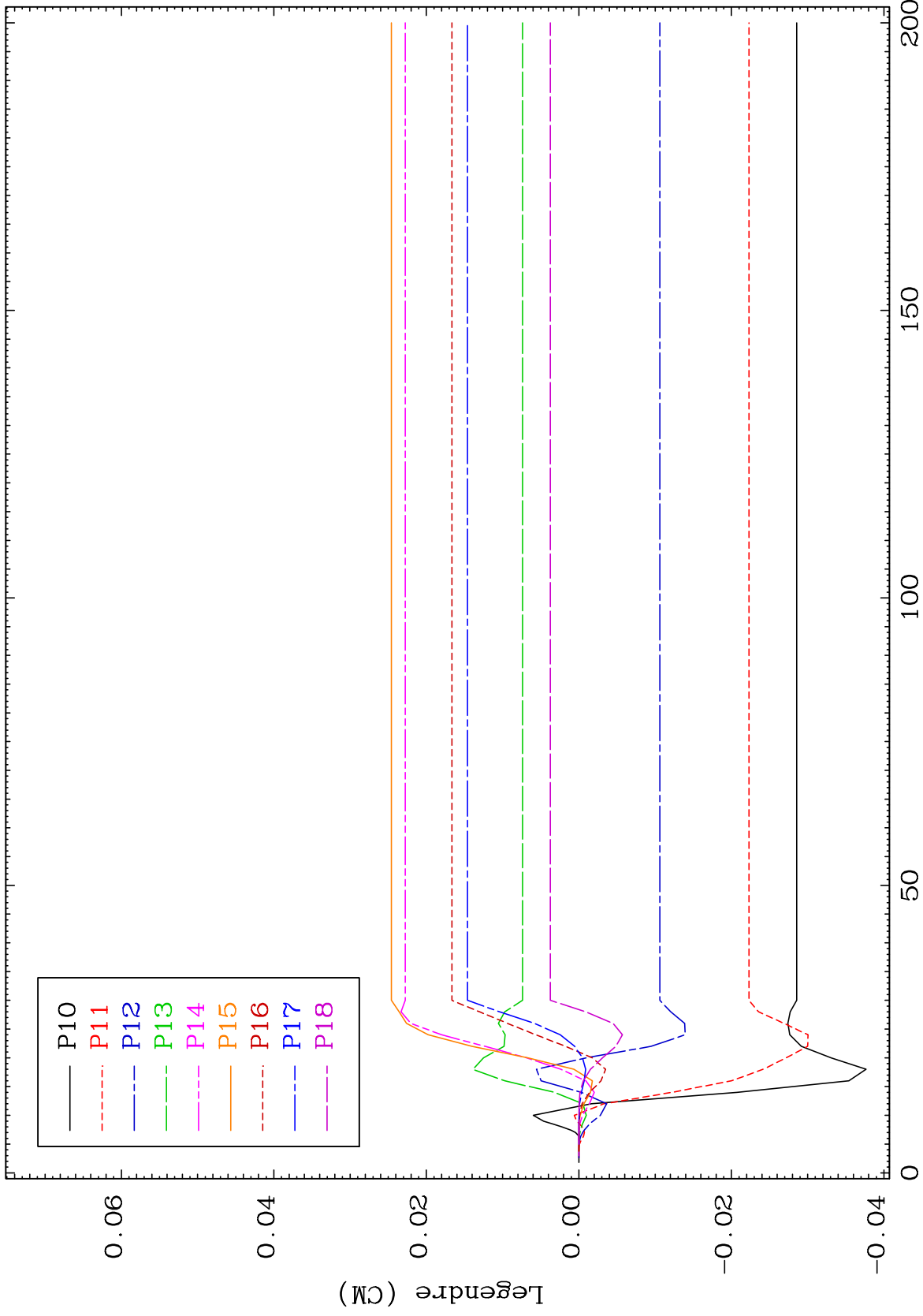
Incident Energy (MeV)

84

MAT 7819

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

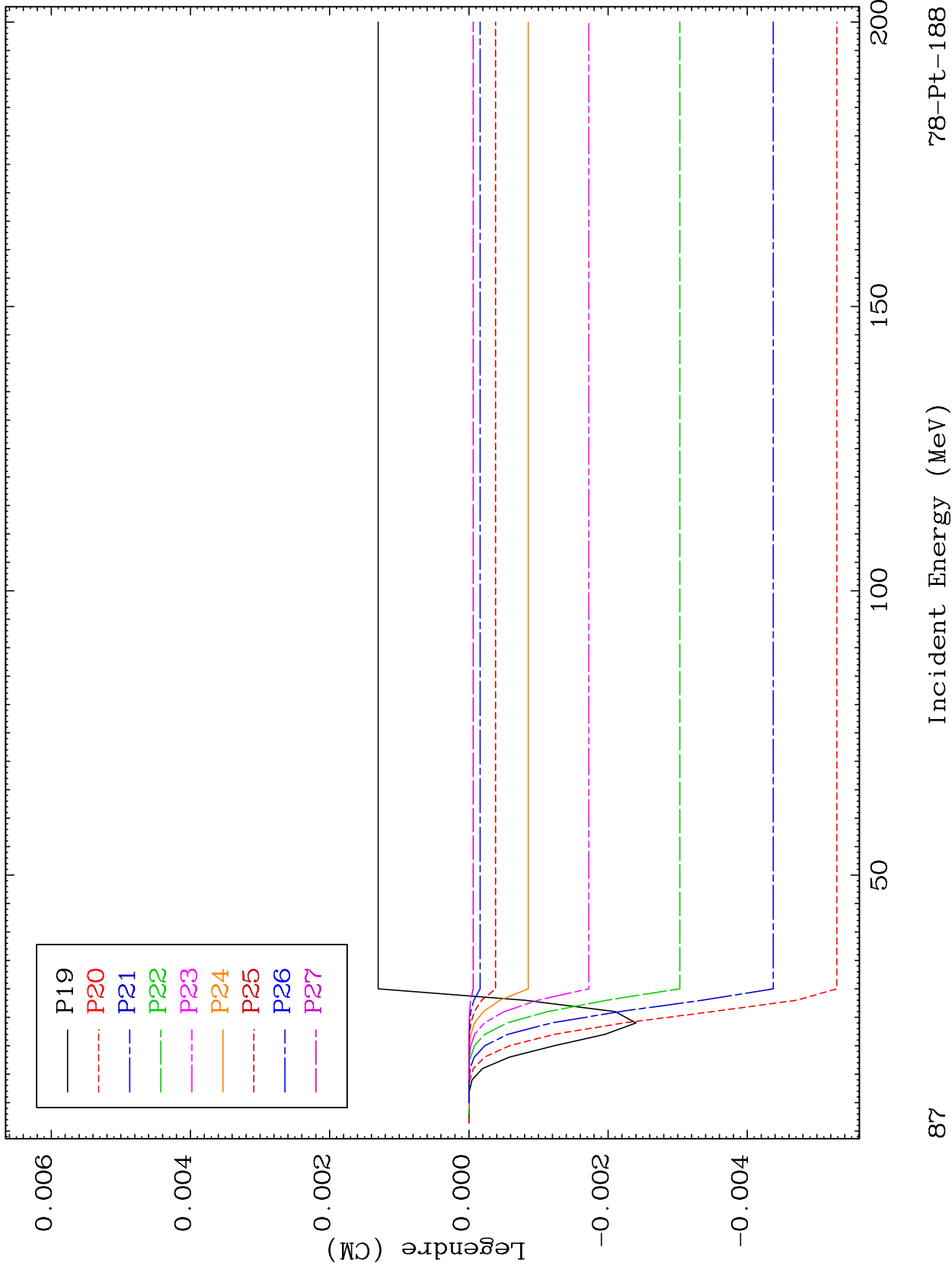
78-Pt-188

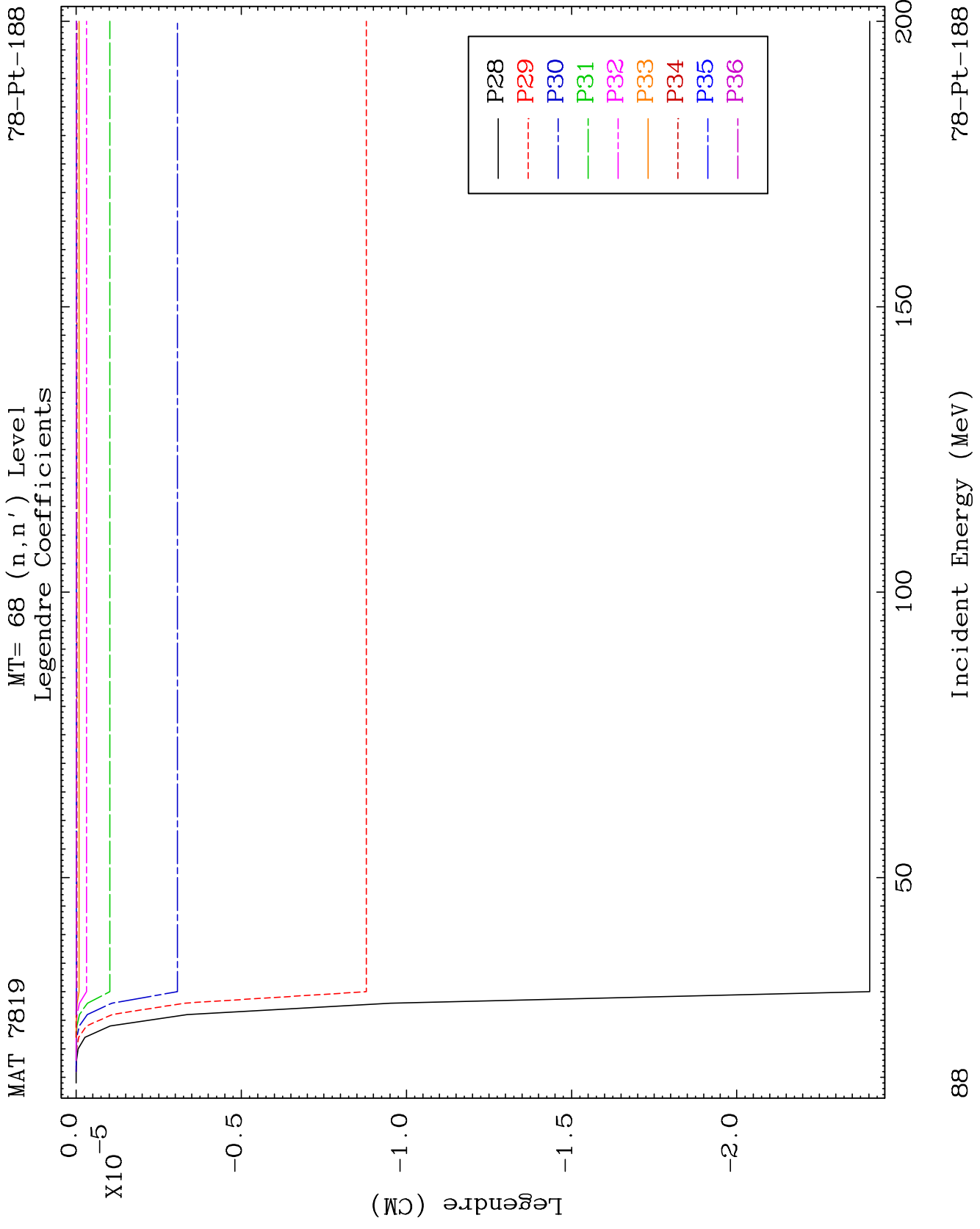


86

Incident Energy (MeV)

78-Pt-188

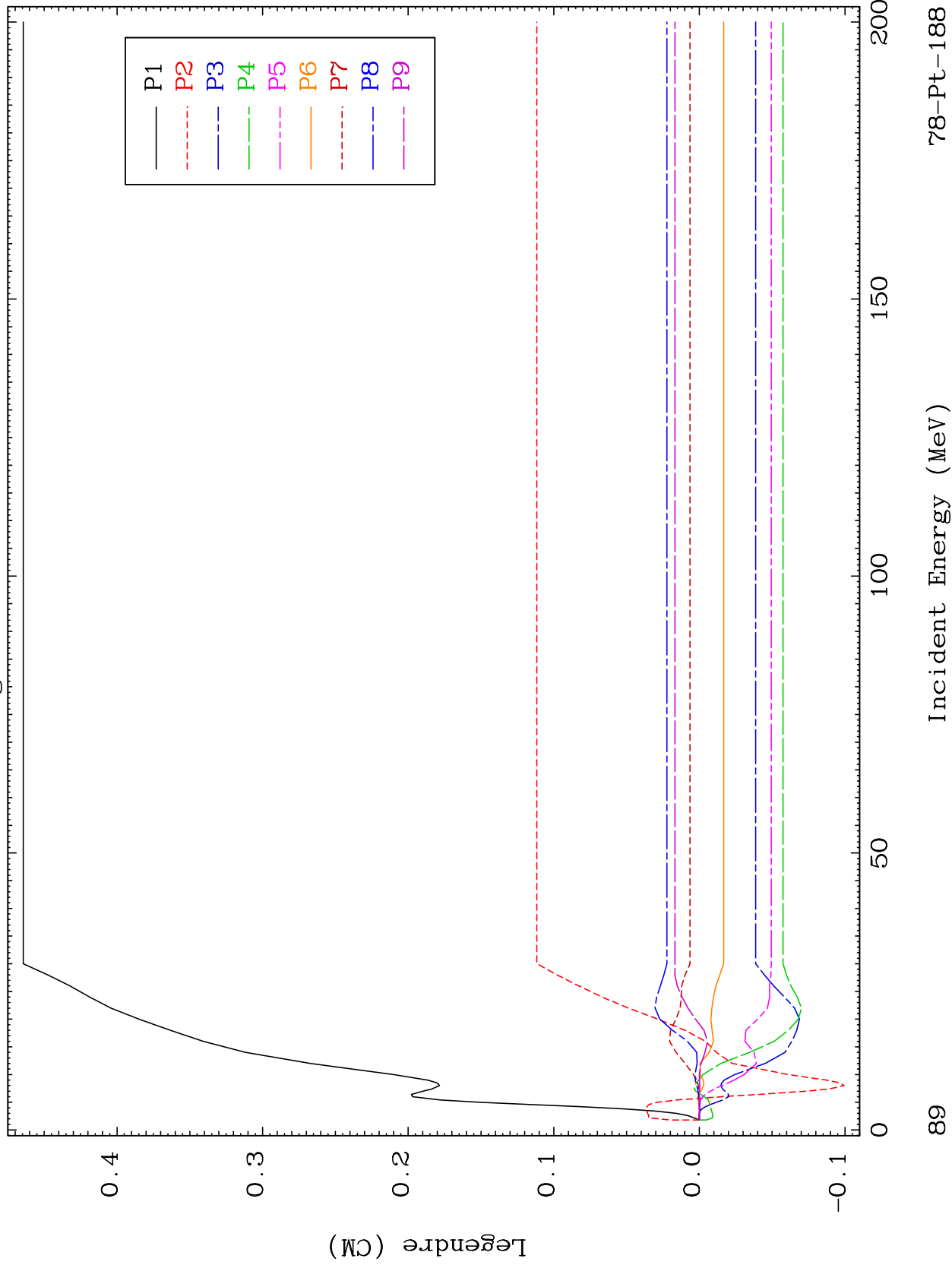




MAT 7819

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

78-Pt-188



78-Pt-188

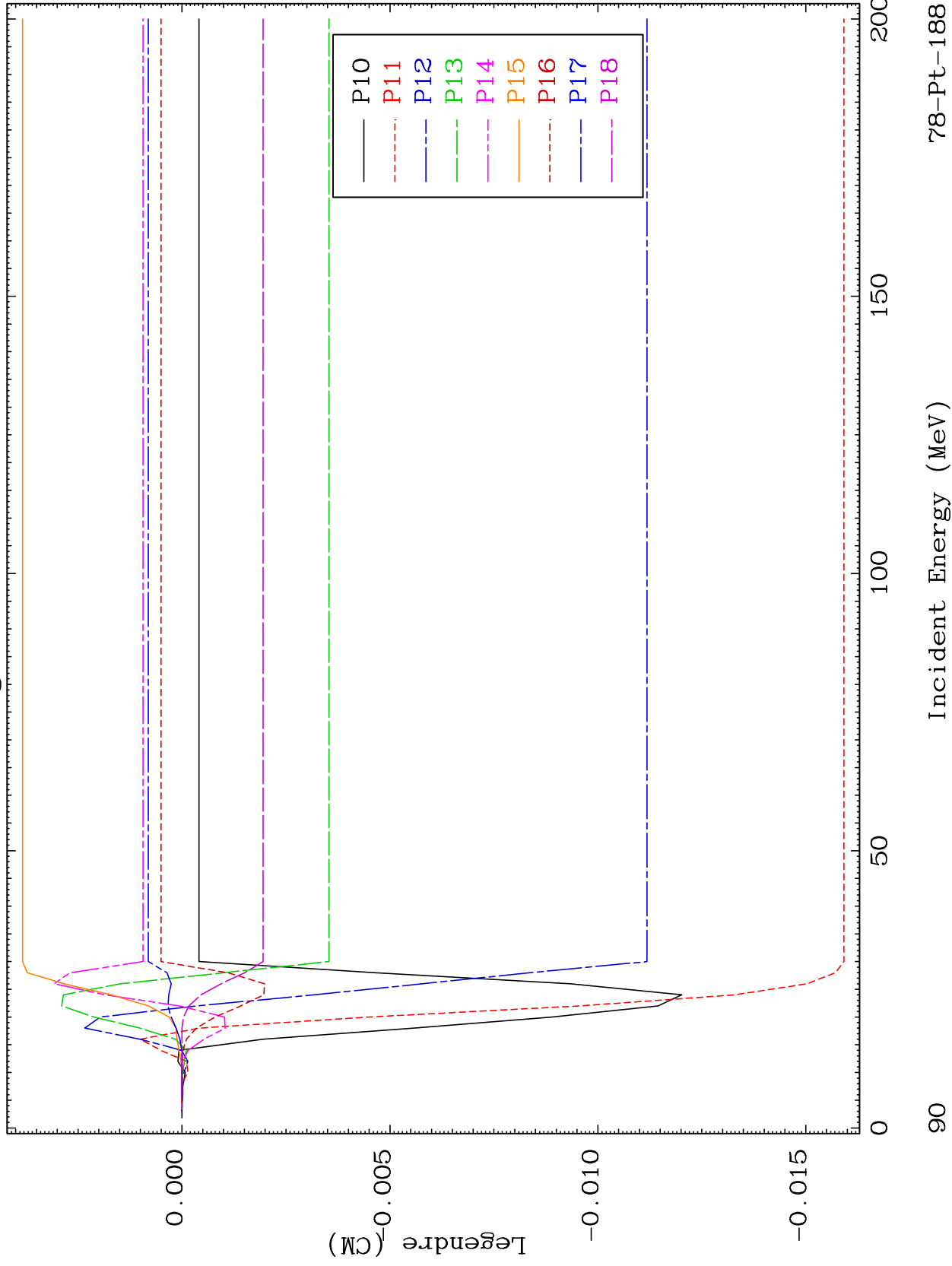
Incident Energy (MeV)

89

MAT 7819

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

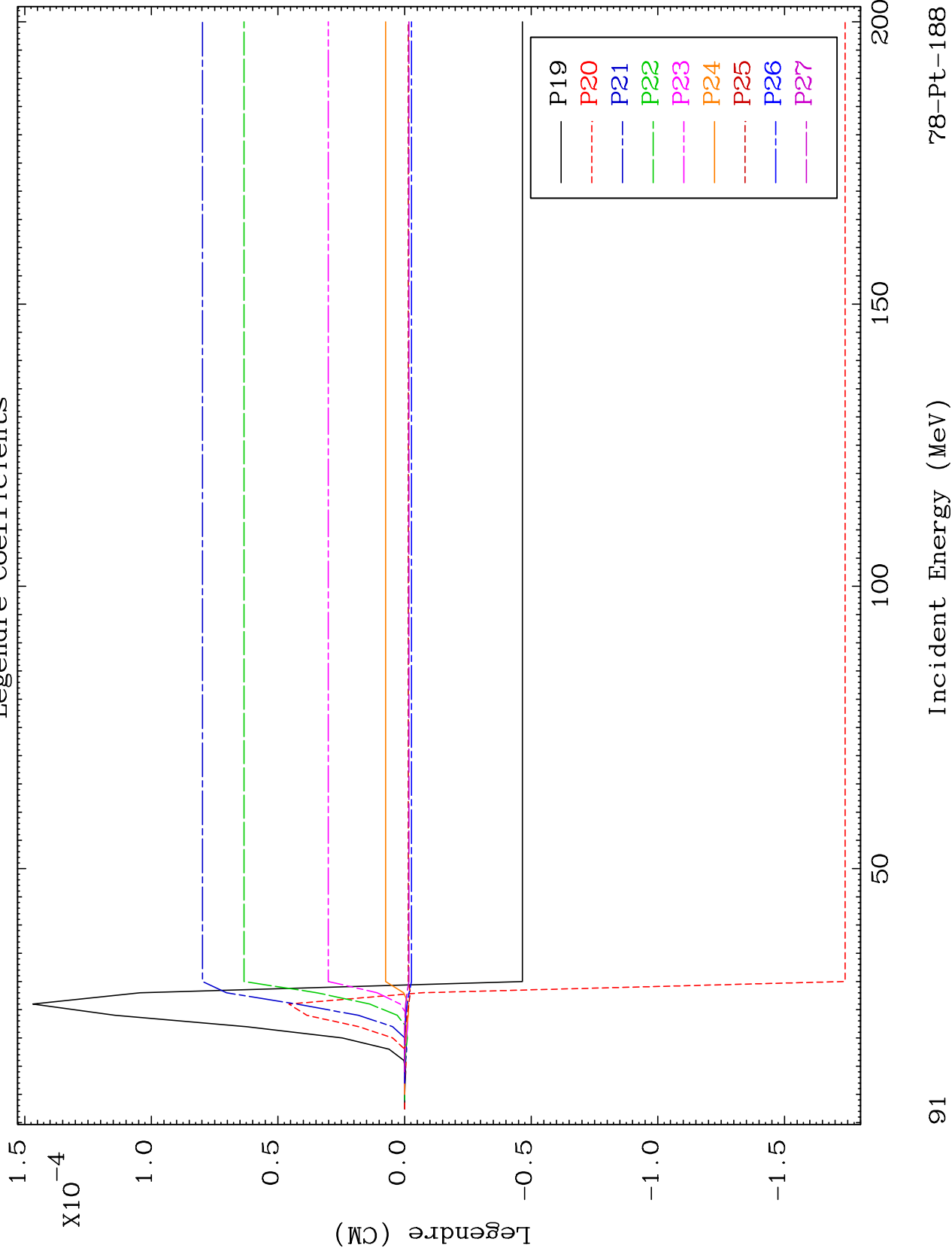
78-Pt-188

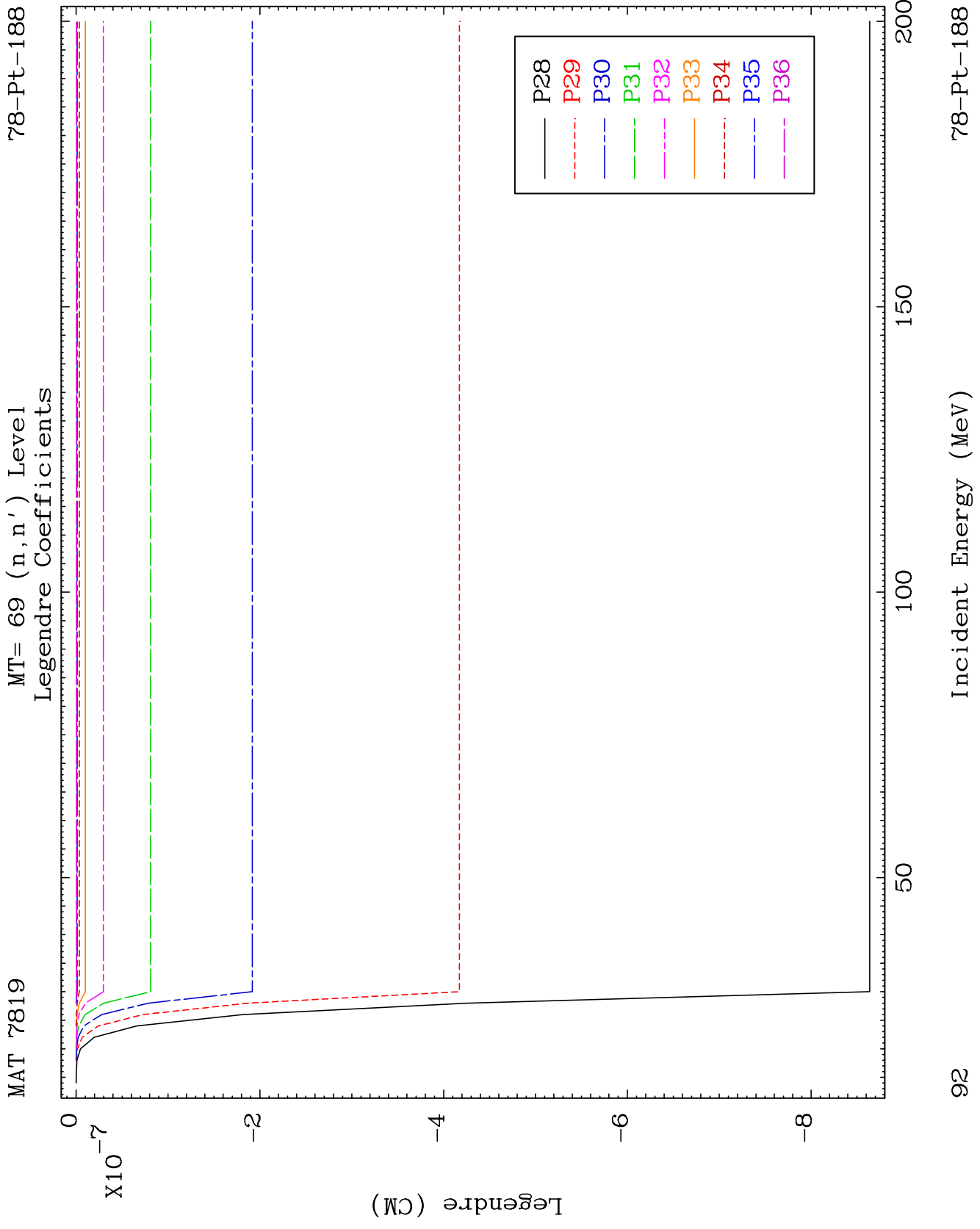


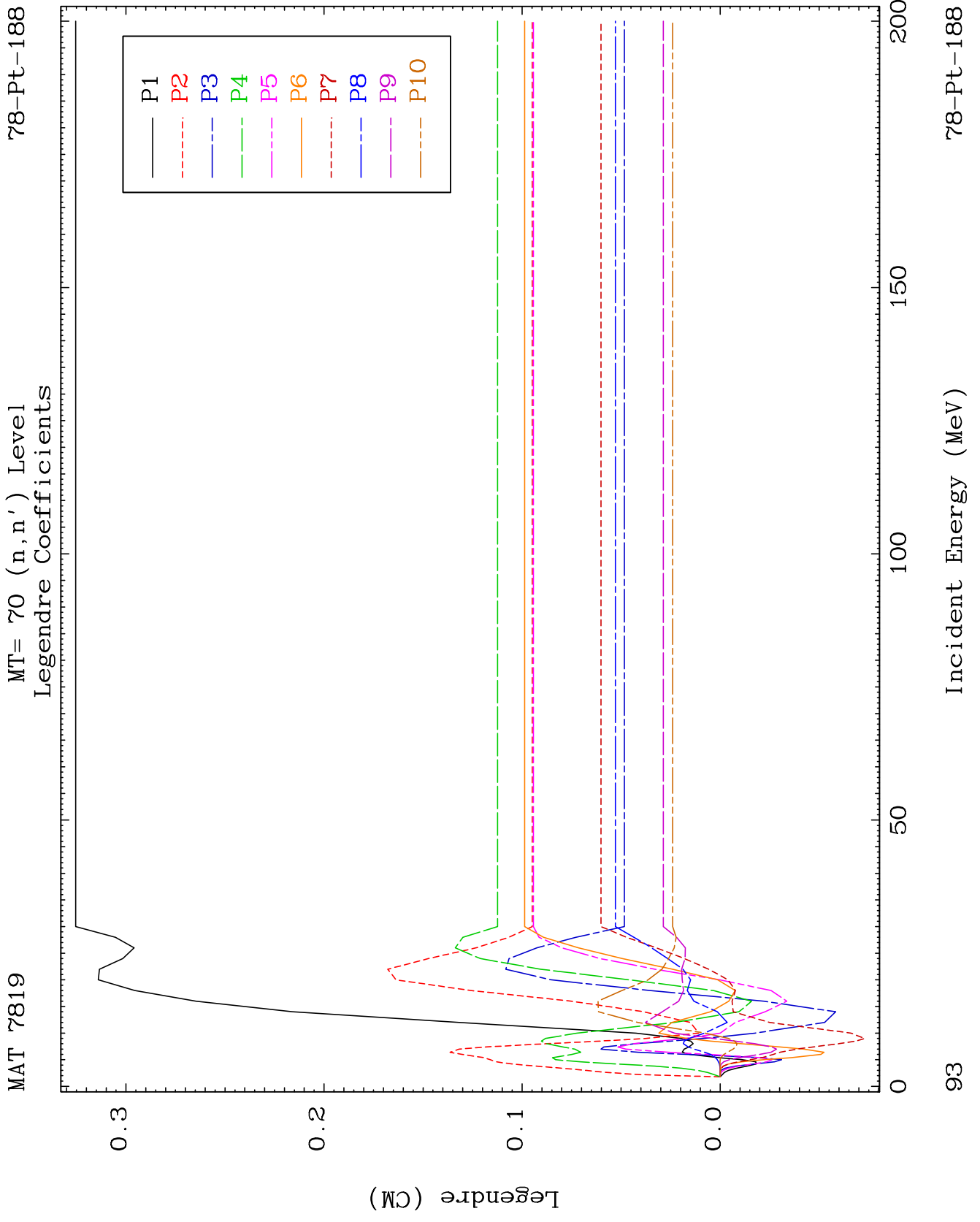
78-Pt-188

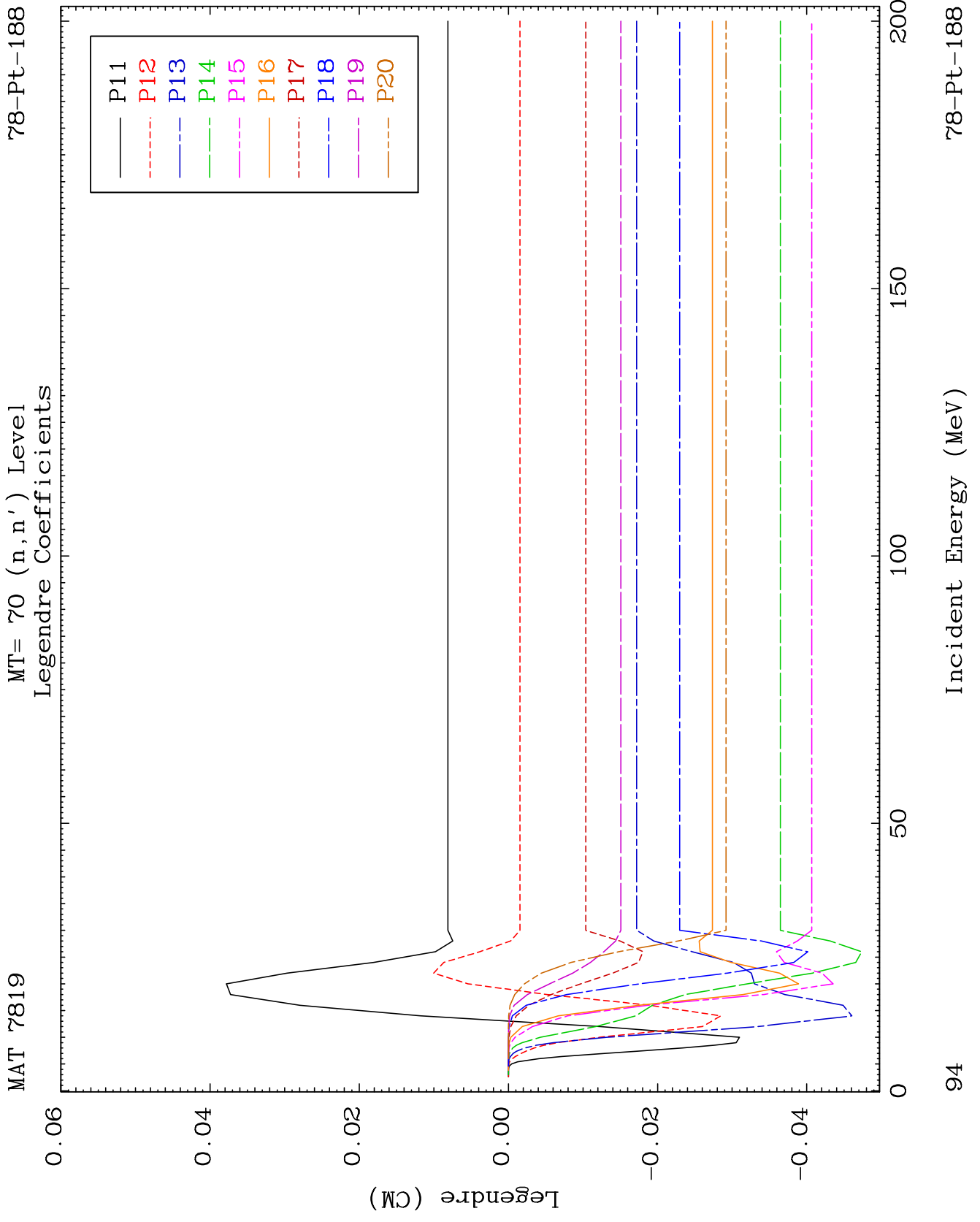
Incident Energy (MeV)

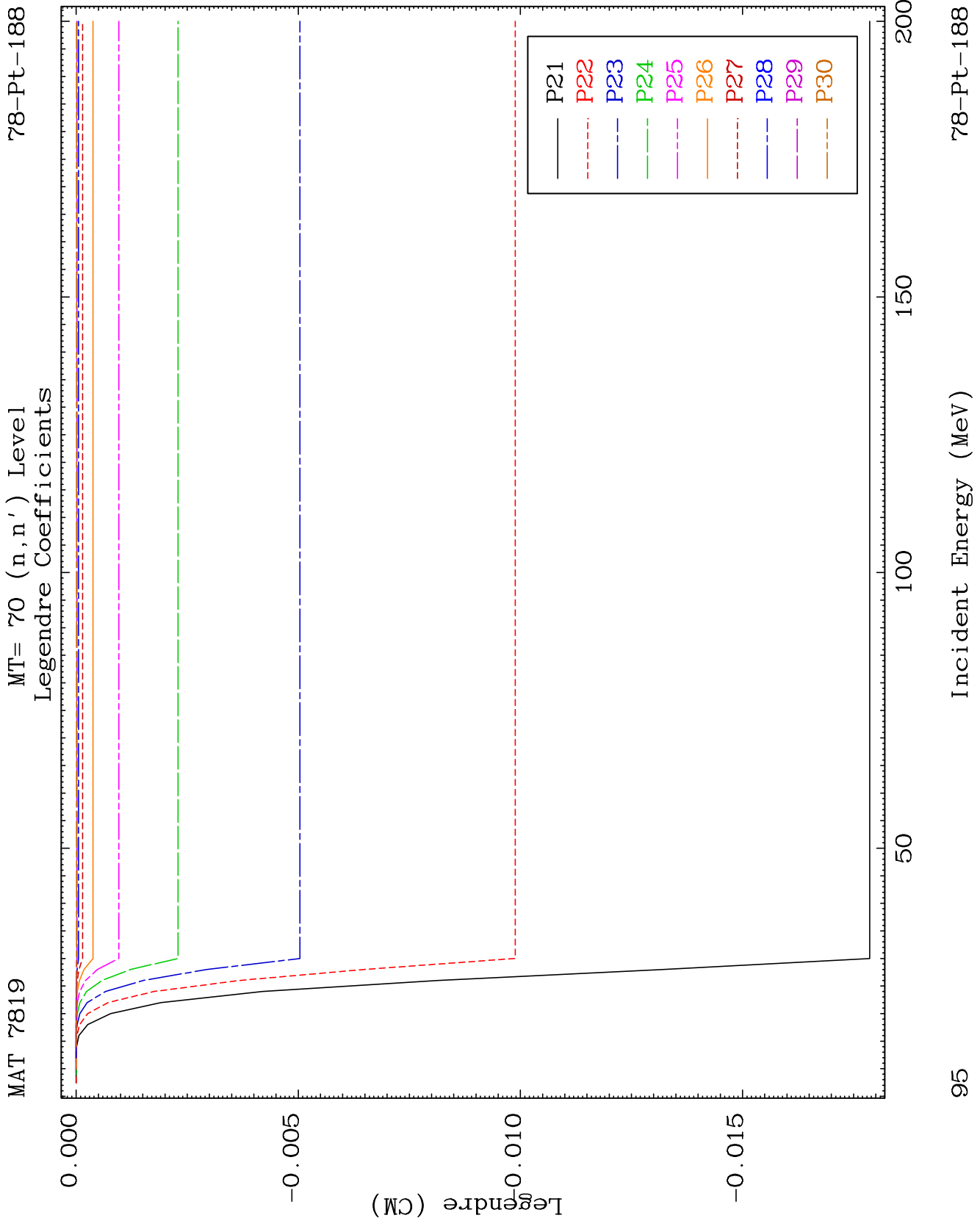
90







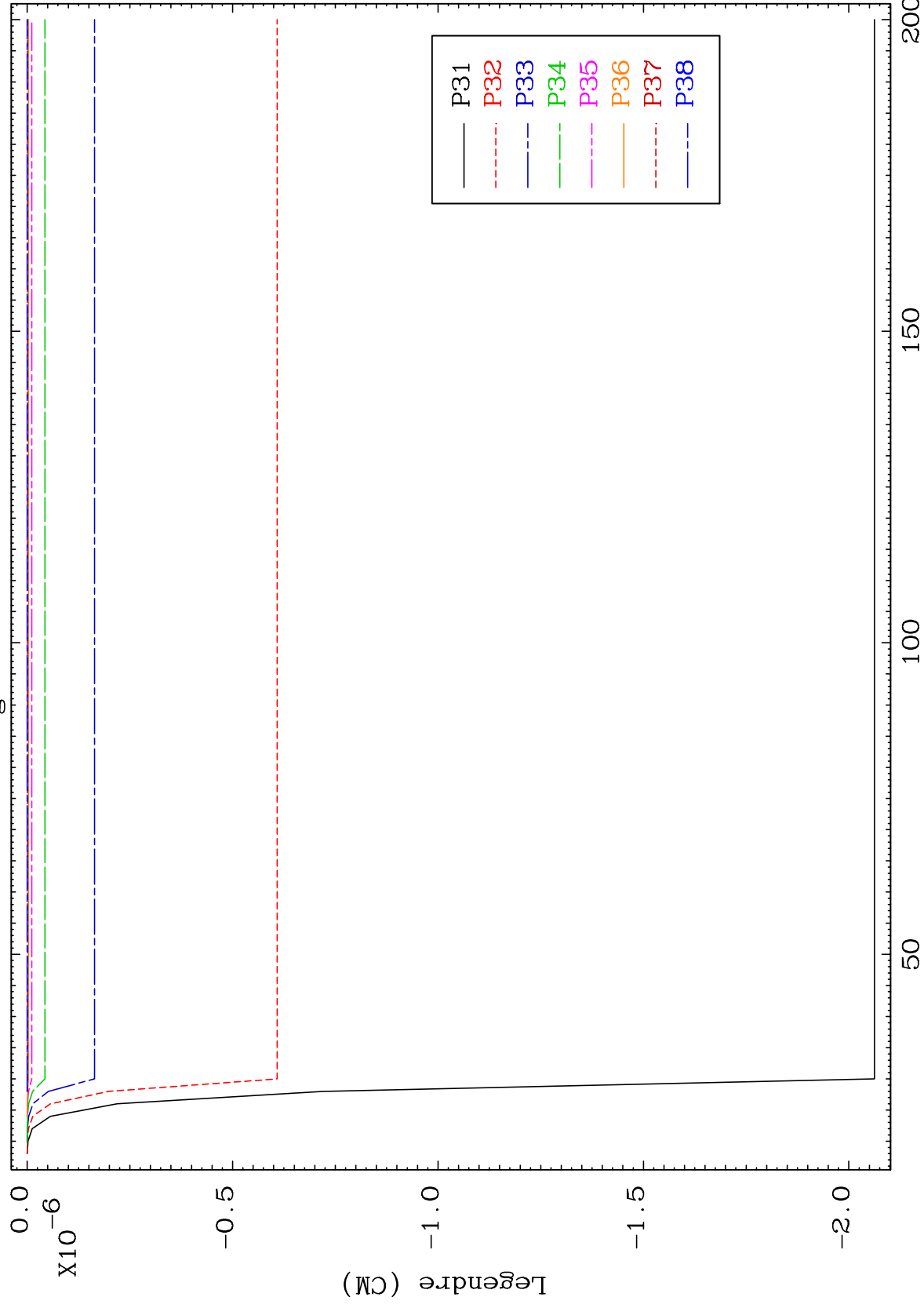




MAT 7819

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

78-Pt-188



96

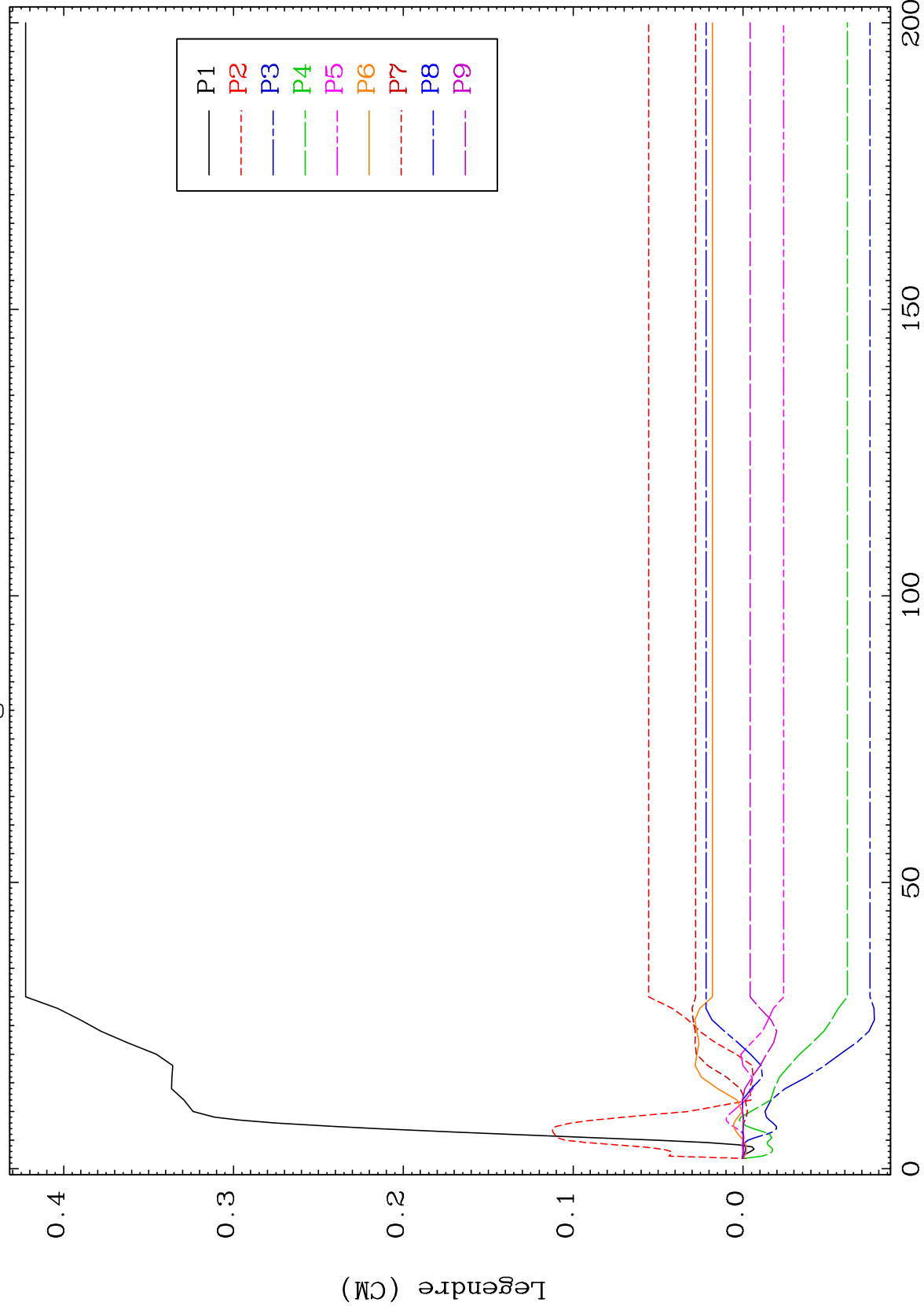
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



97

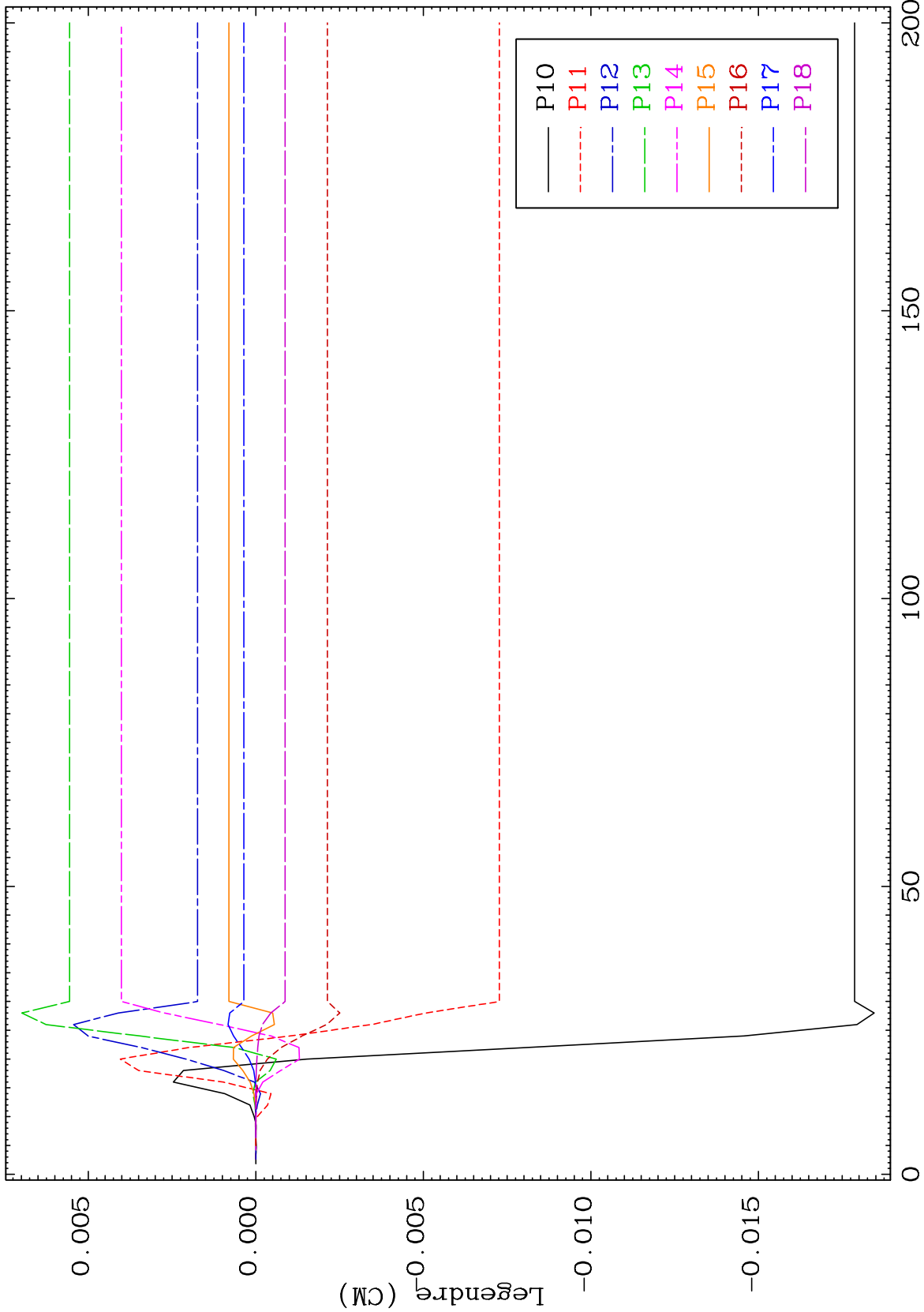
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



98

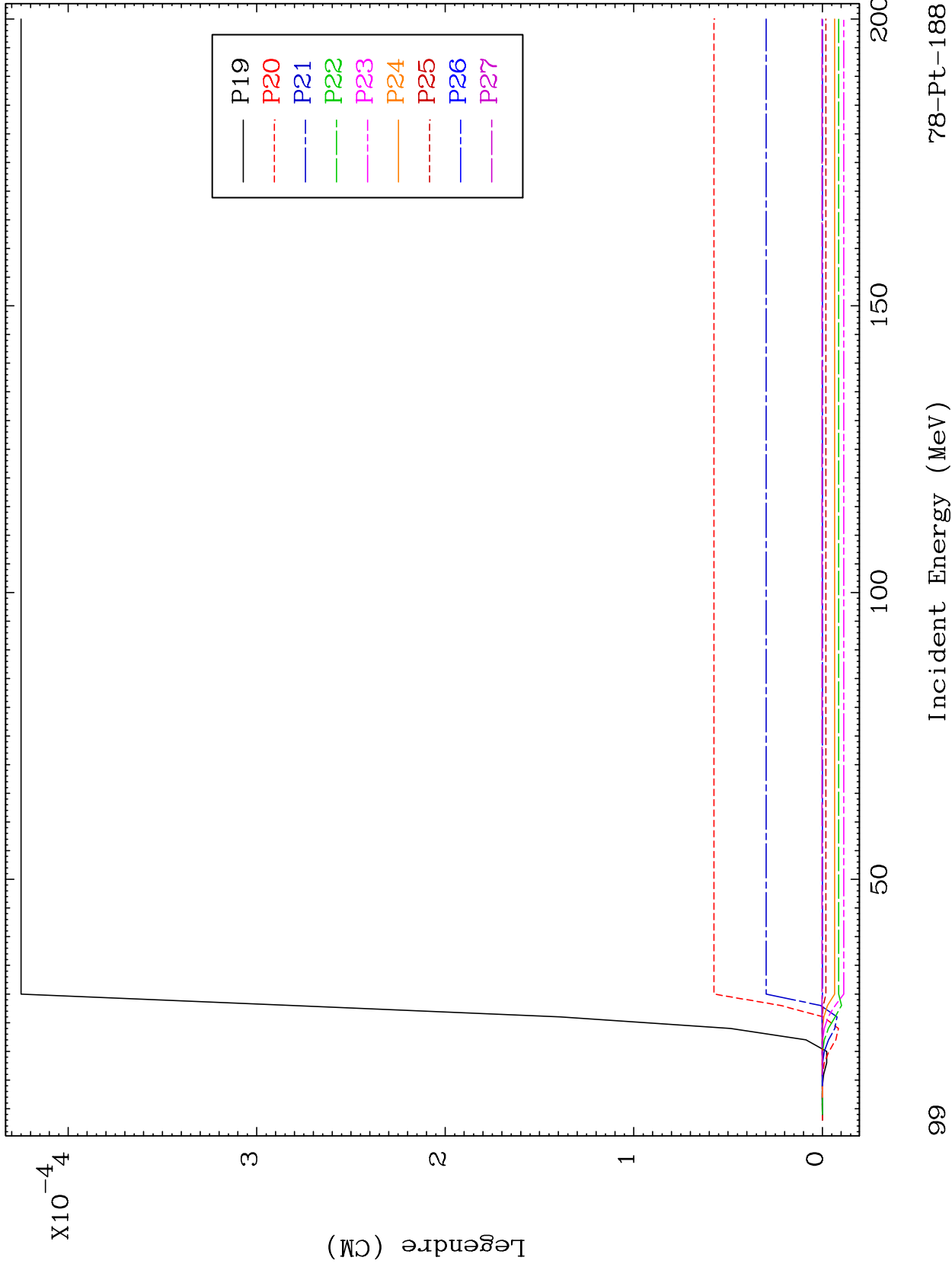
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

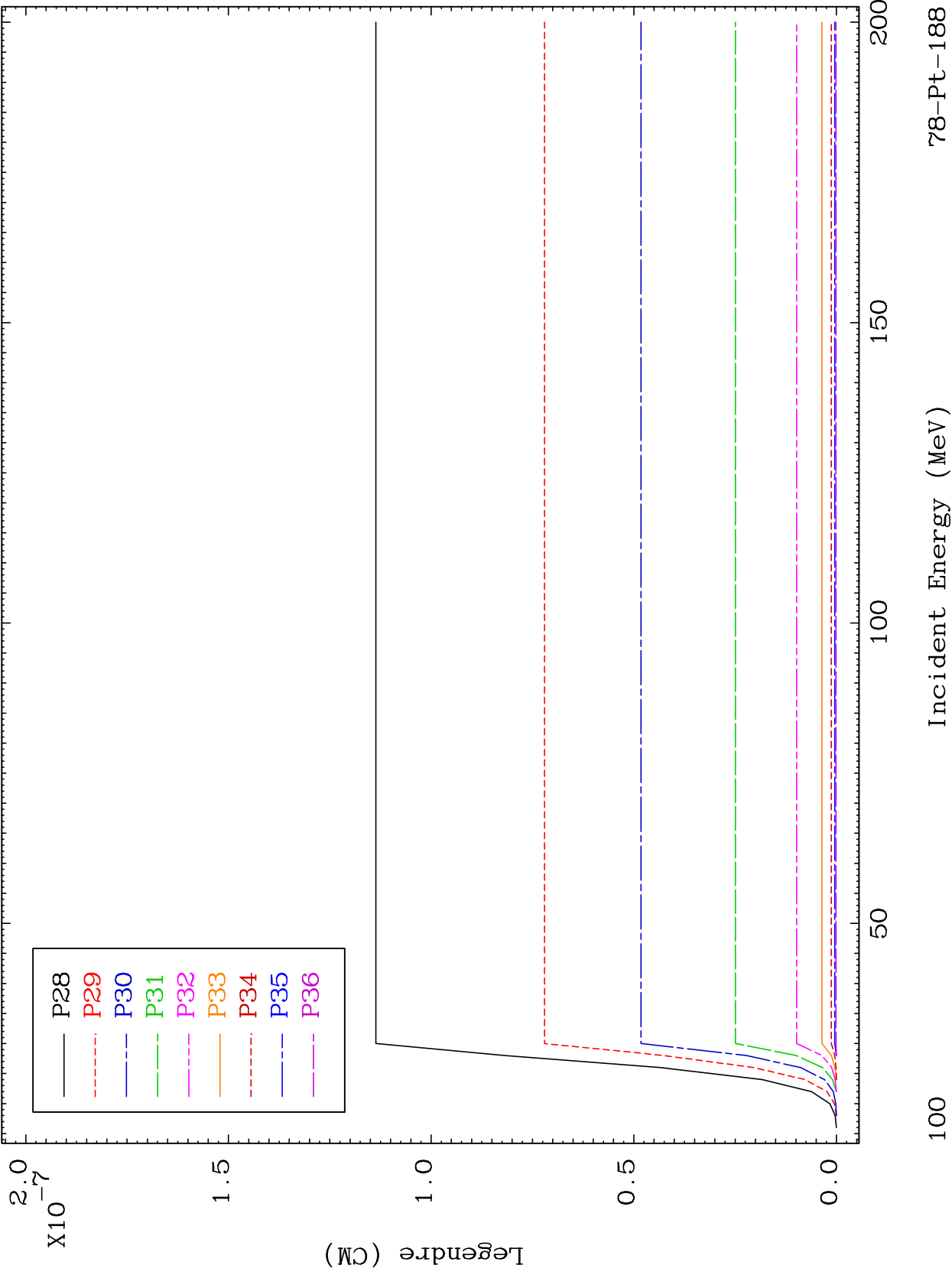
78-Pt-188



MAT 7819

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

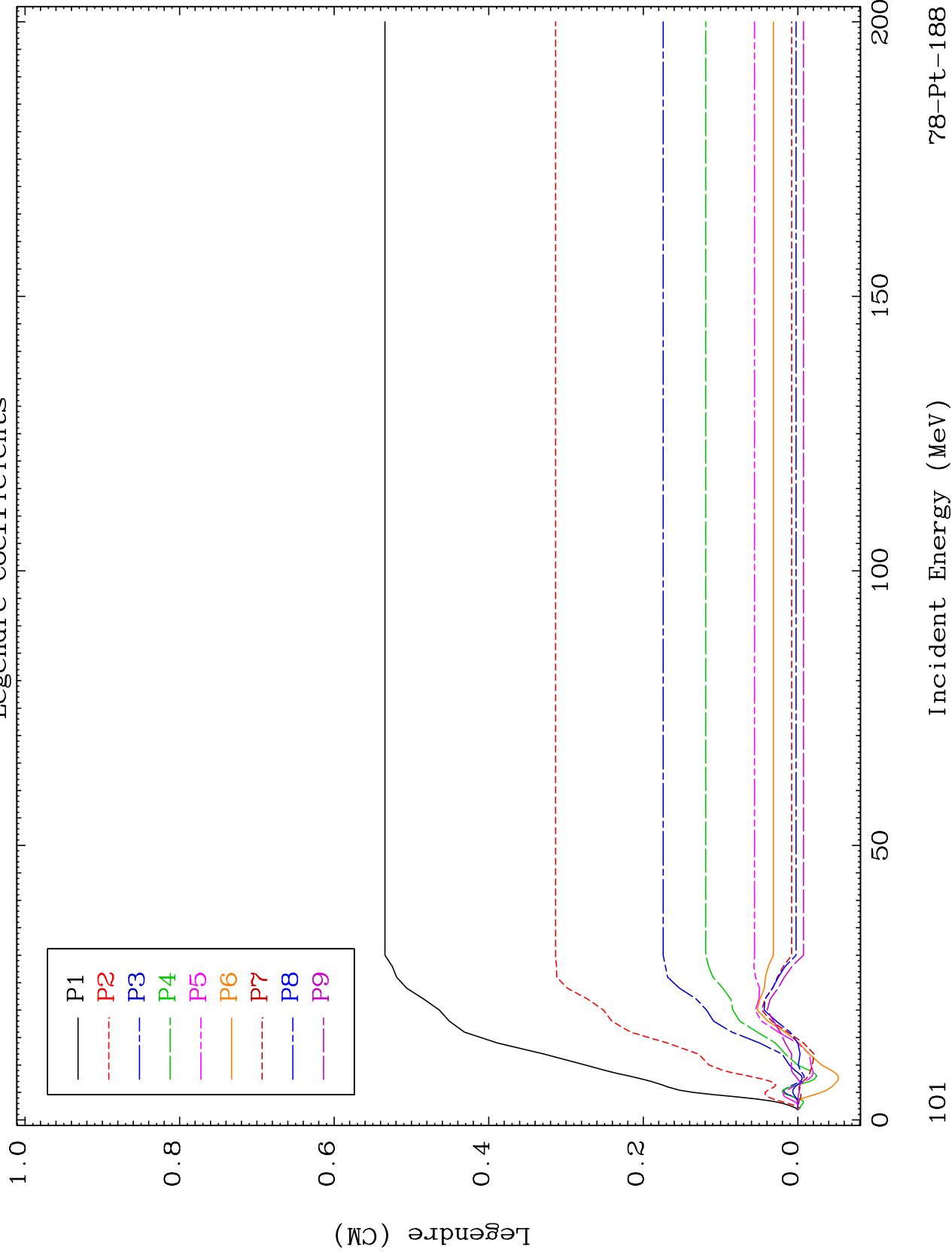
78-Pt-188



MAT 7819

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

78-Pt-188



101

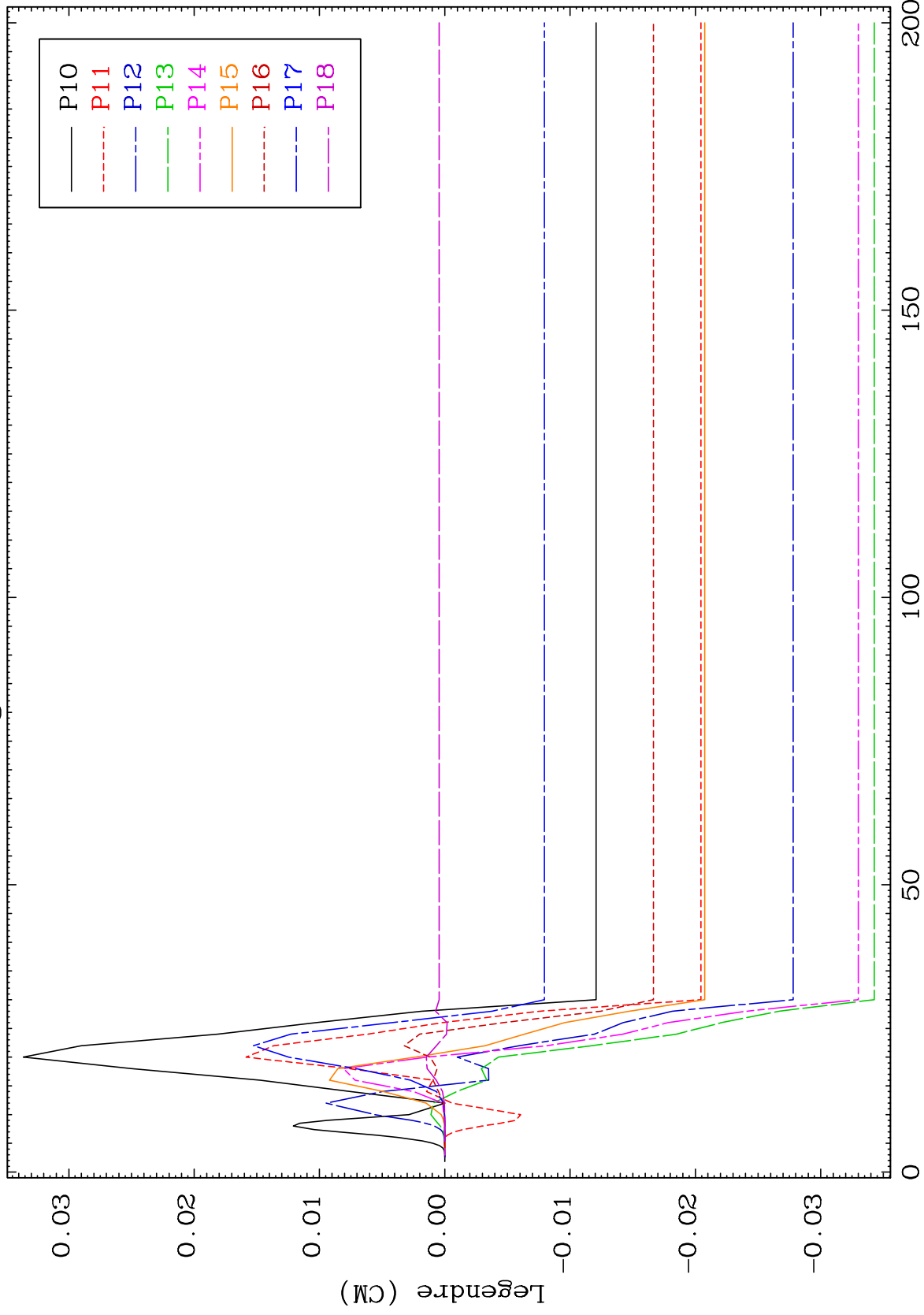
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

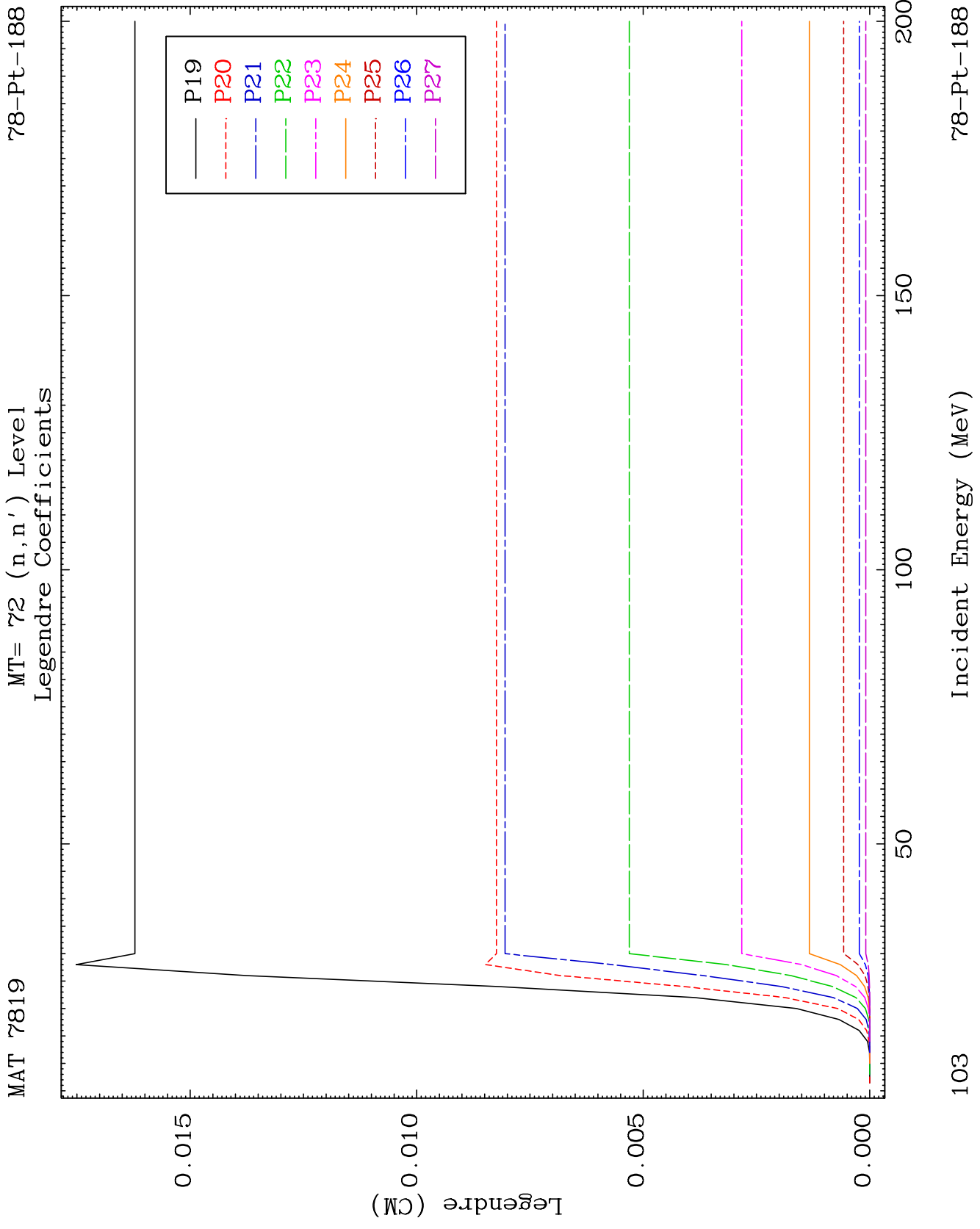
78-Pt-188



102

Incident Energy (MeV)

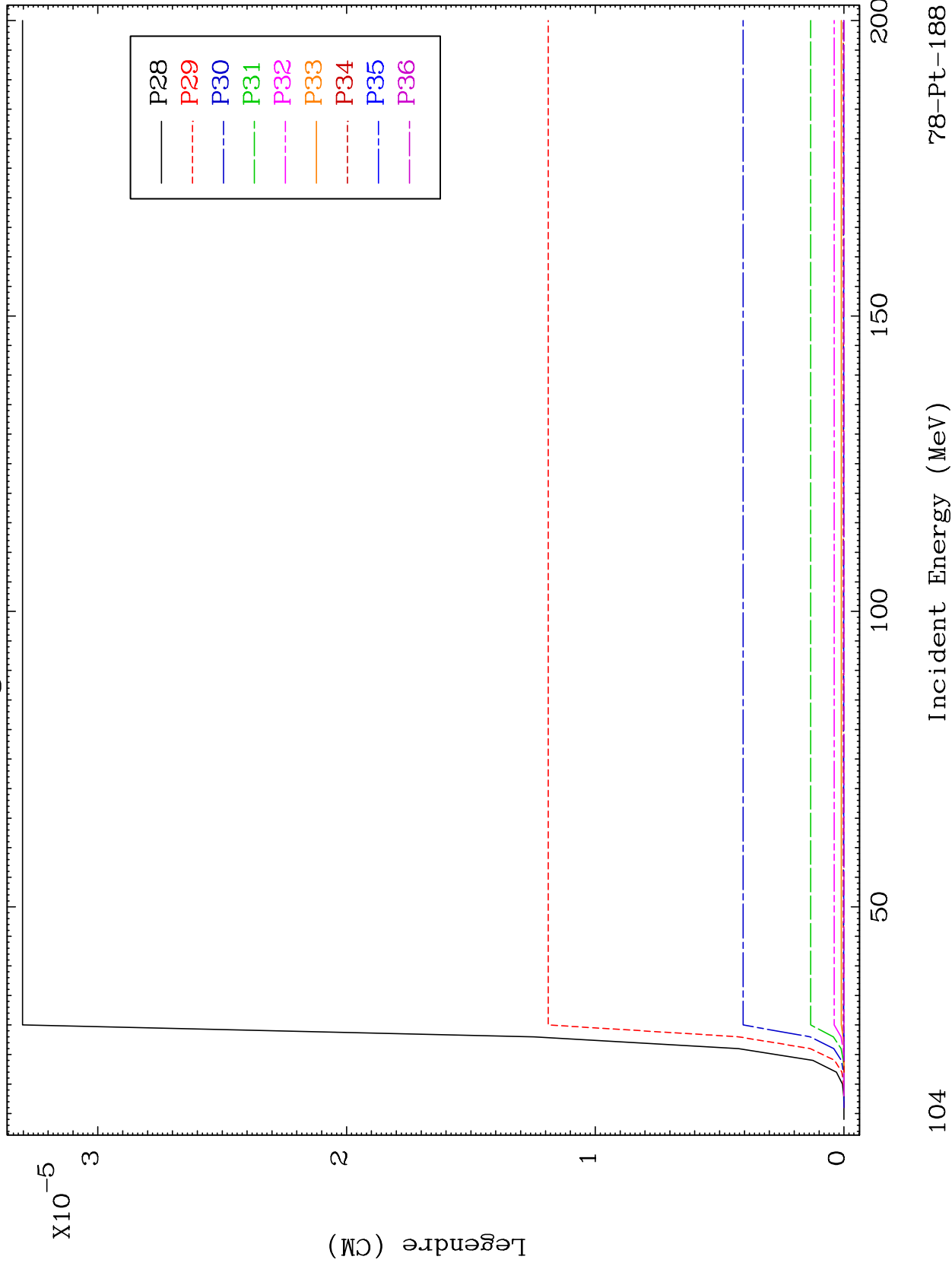
78-Pt-188



MAT 7819

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

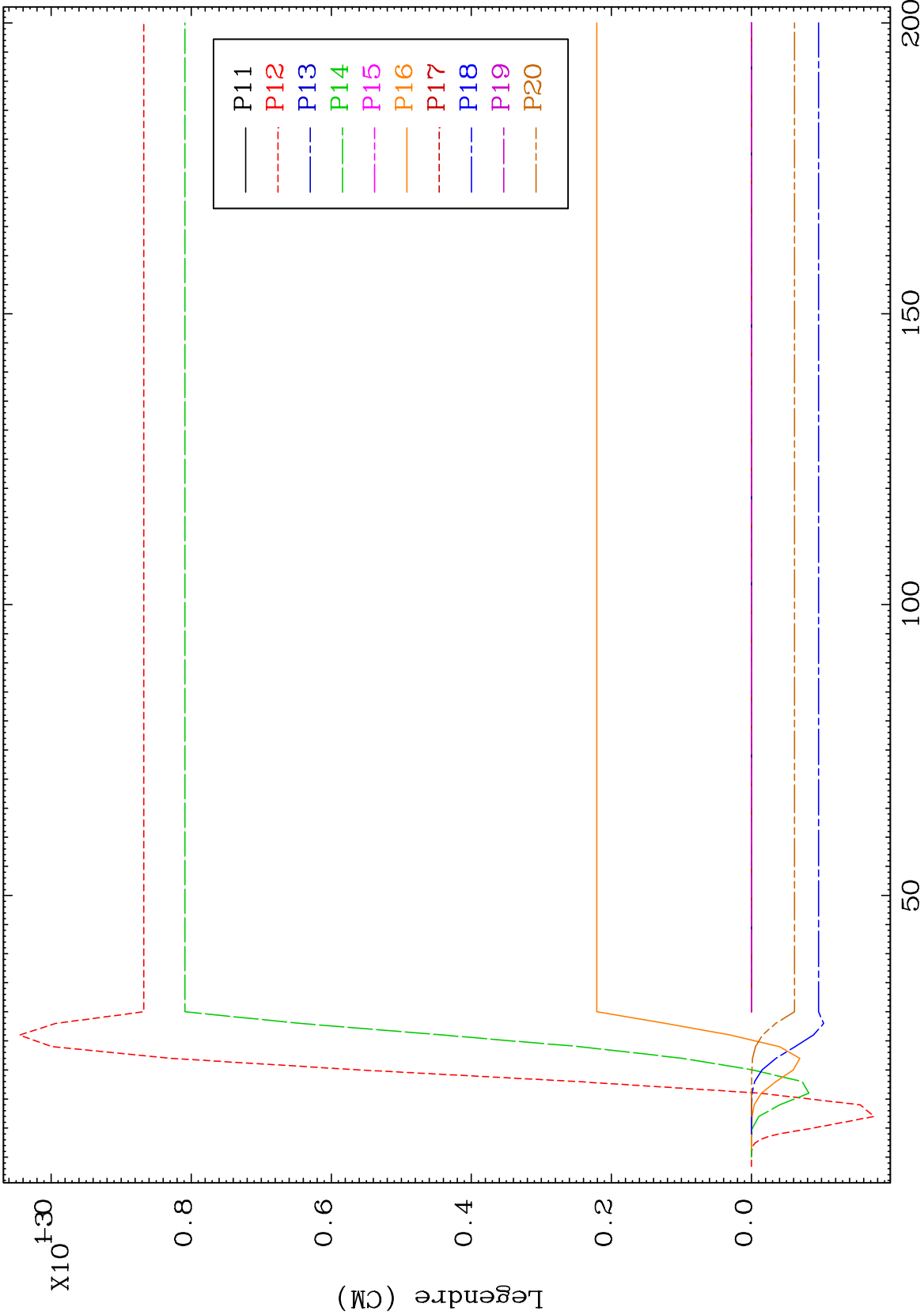
78-Pt-188



MAT 7819

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

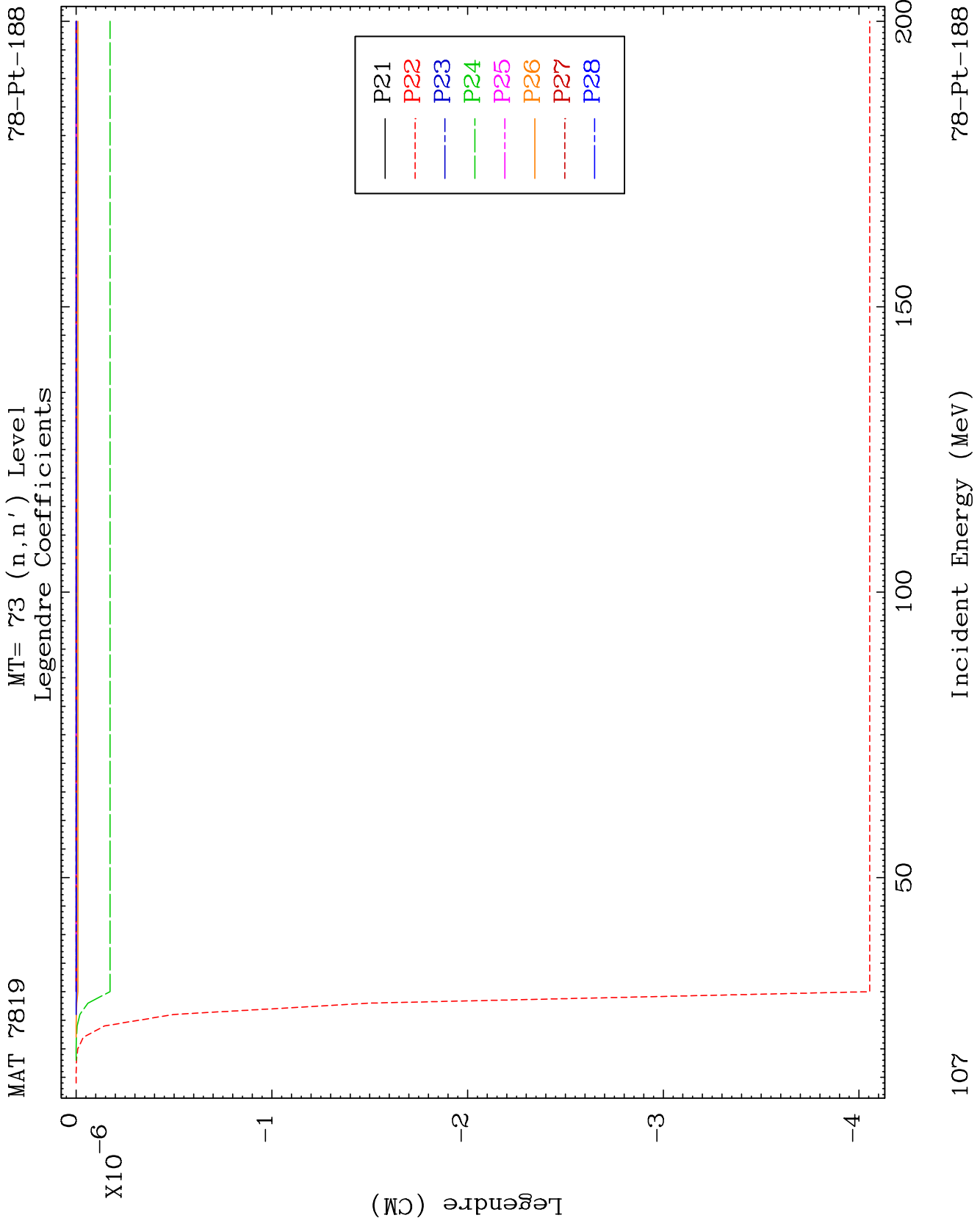
78-Pt-188



106

Incident Energy (MeV)

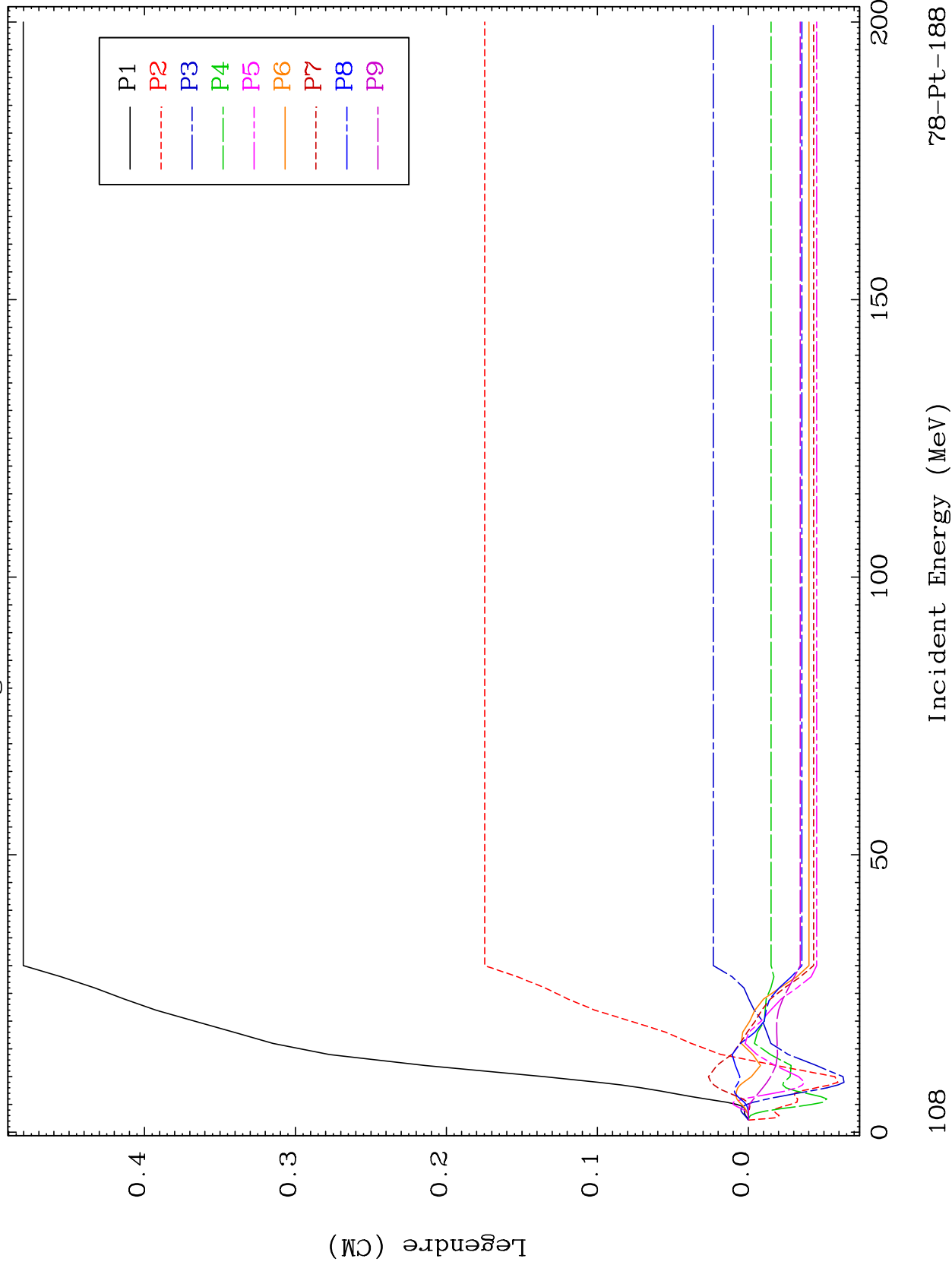
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

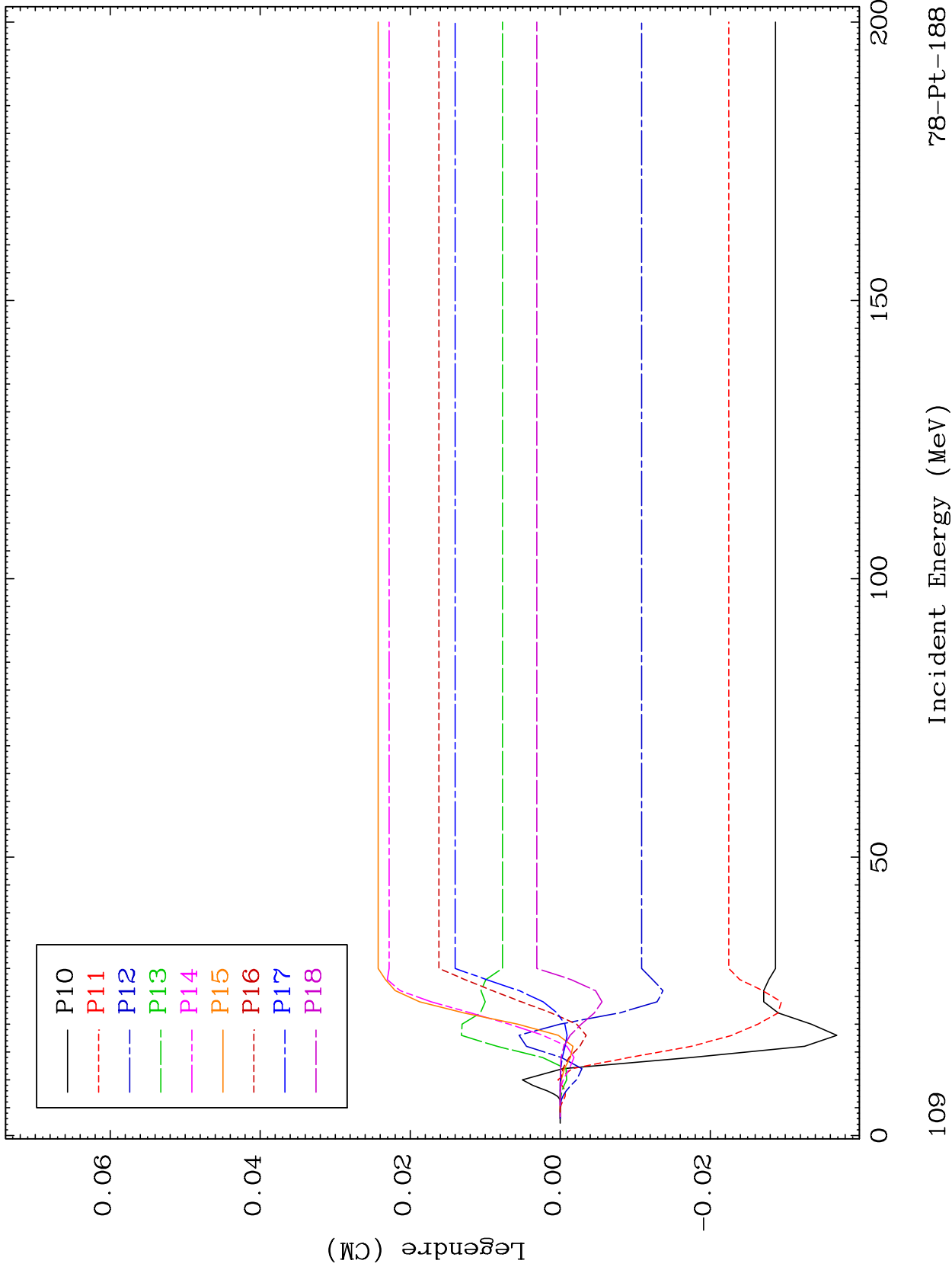
Incident Energy (MeV)

108

MAT 7819

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

78-Pt-188



109

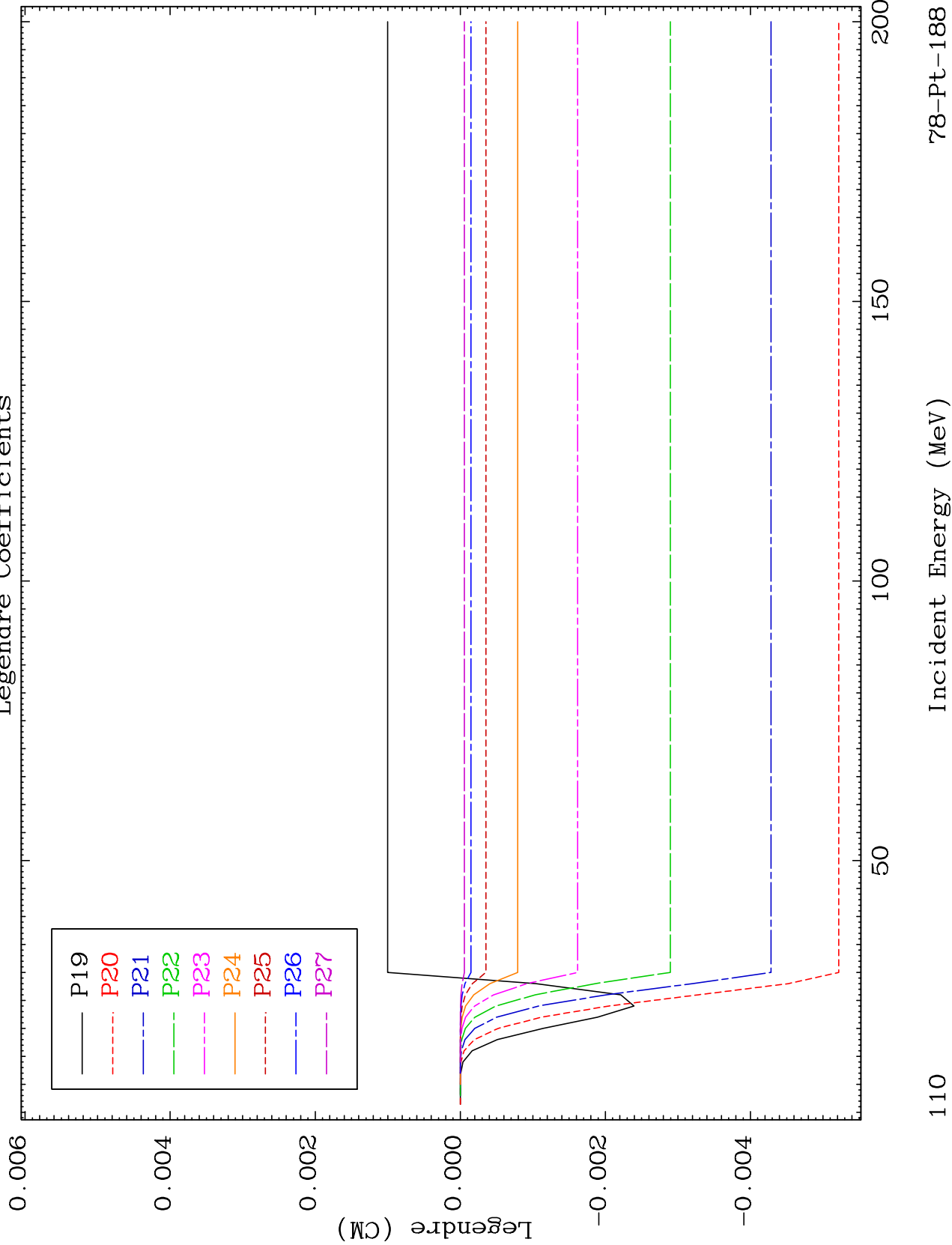
Incident Energy (MeV)

78-Pt-188

MAT 7819

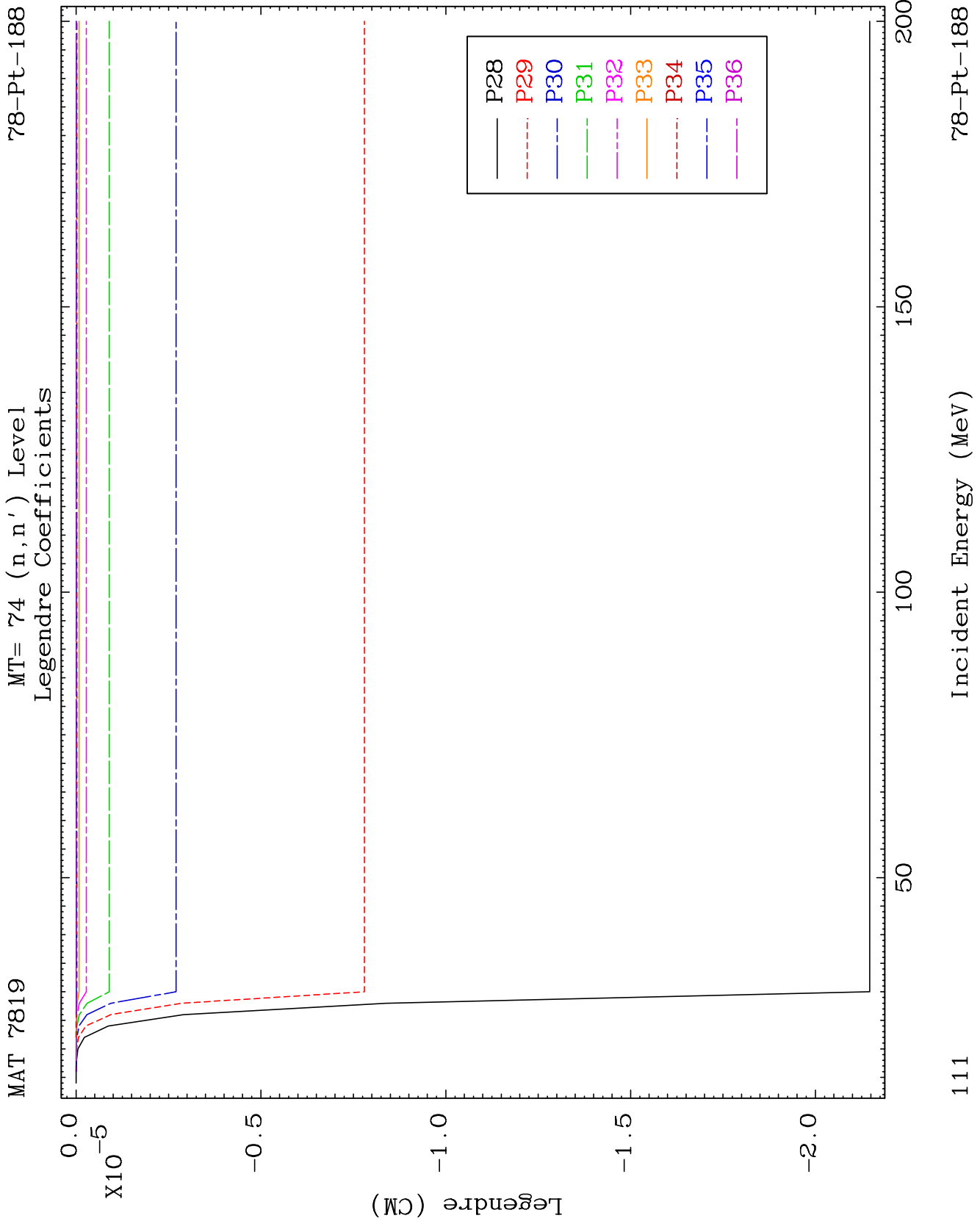
MT= 74 (n,n') Level
Legendre Coefficients

78-Pt-188



110

78-Pt-188

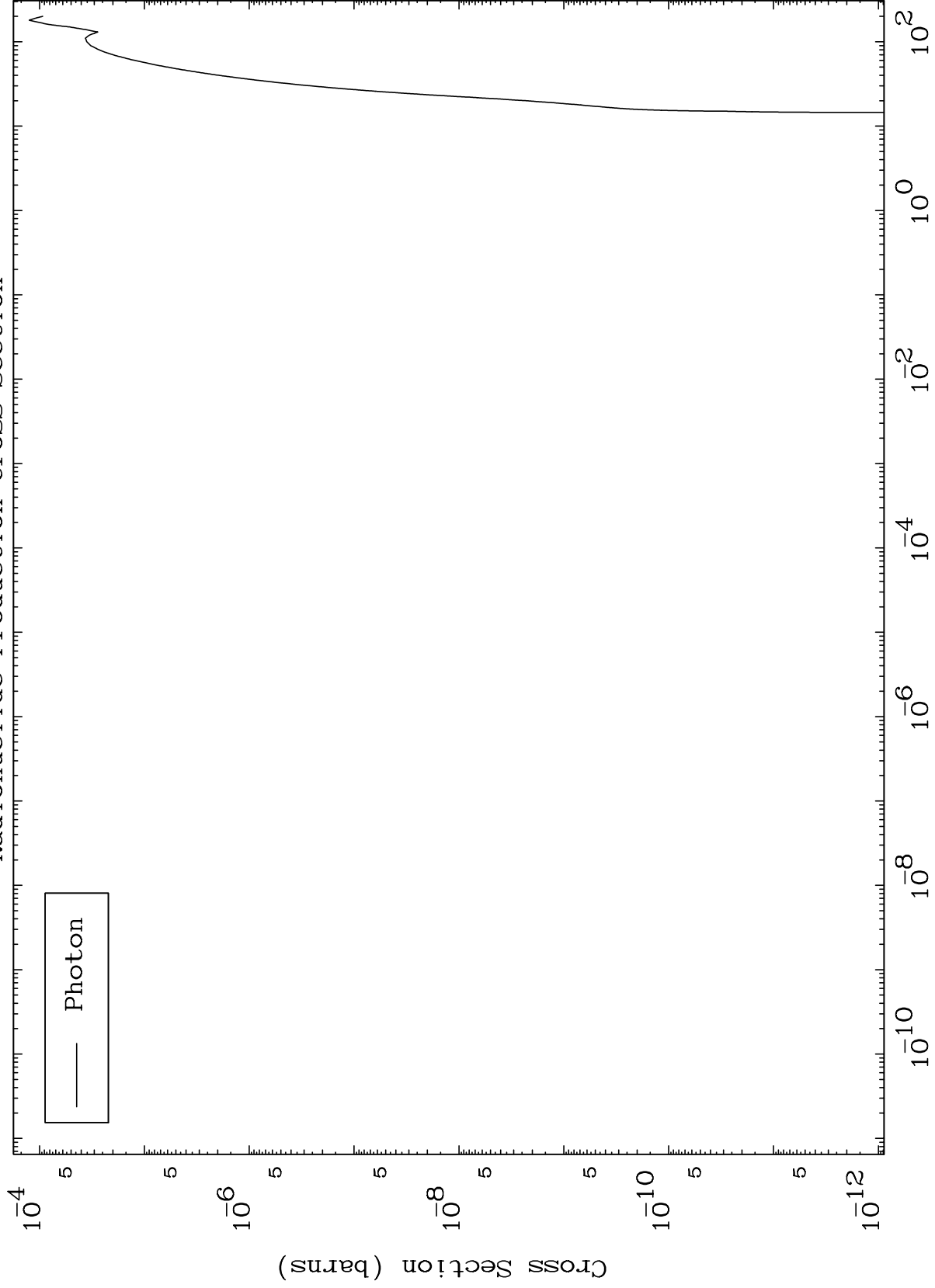


MAT 7819

Fission

78-Pt-188

Radionuclide Production Cross Section

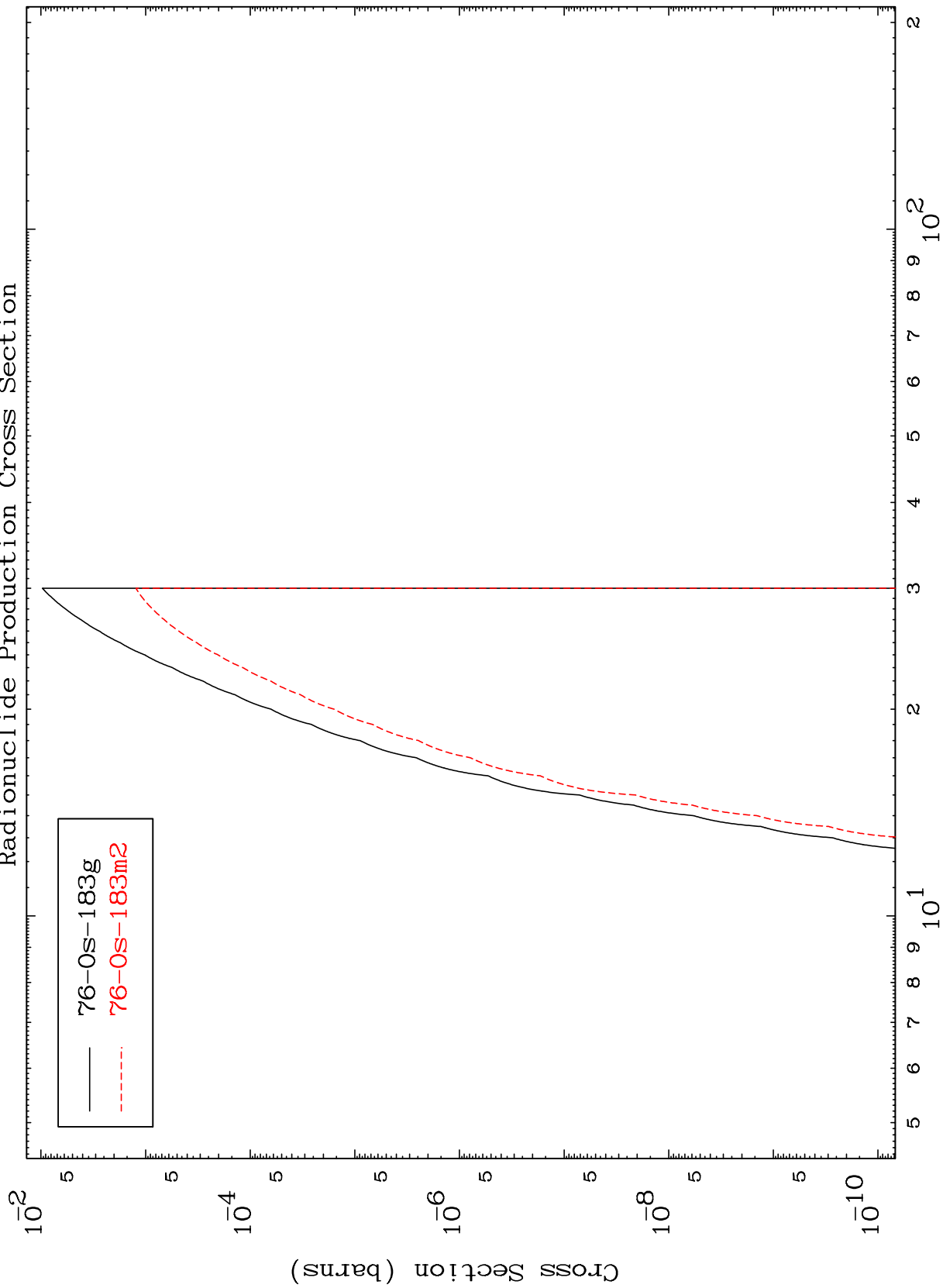


MAT 7819

$(n,2n) \alpha$

78-Pt-188

Radionuclide Production Cross Section



113

Incident Energy (MeV)

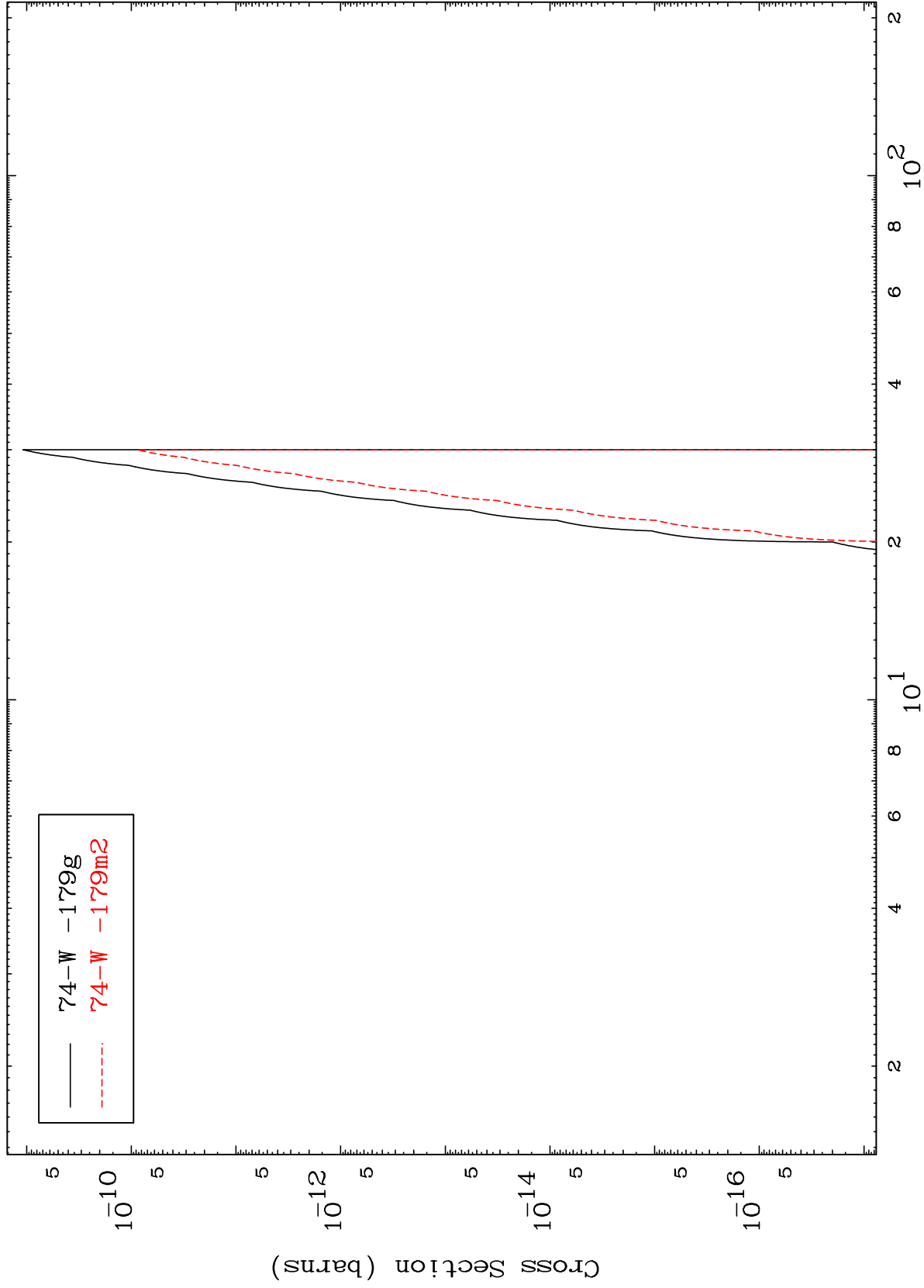
78-Pt-188

MAT 7819

$(n,2n) 2\alpha$

78-Pt-188

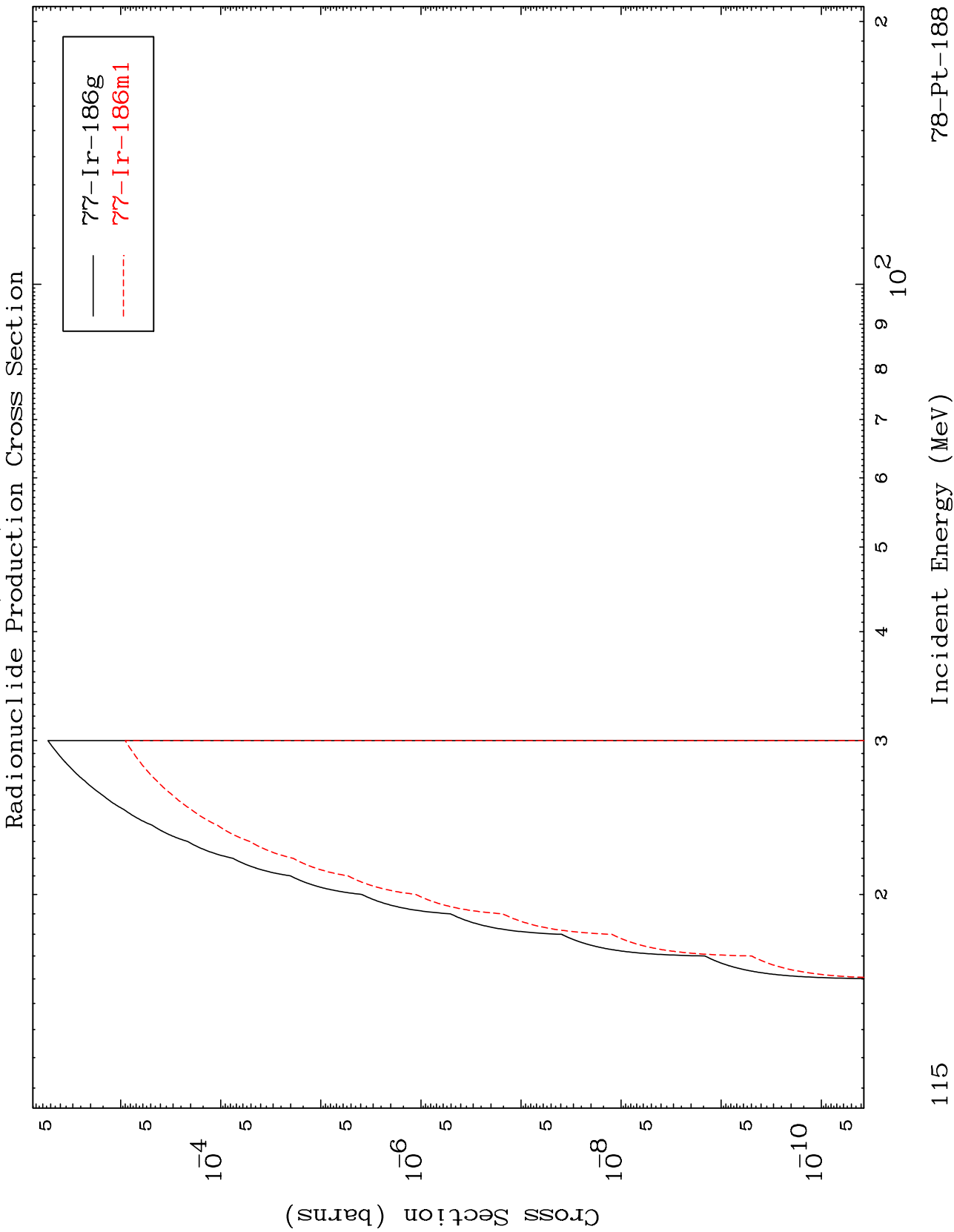
Radionuclide Production Cross Section



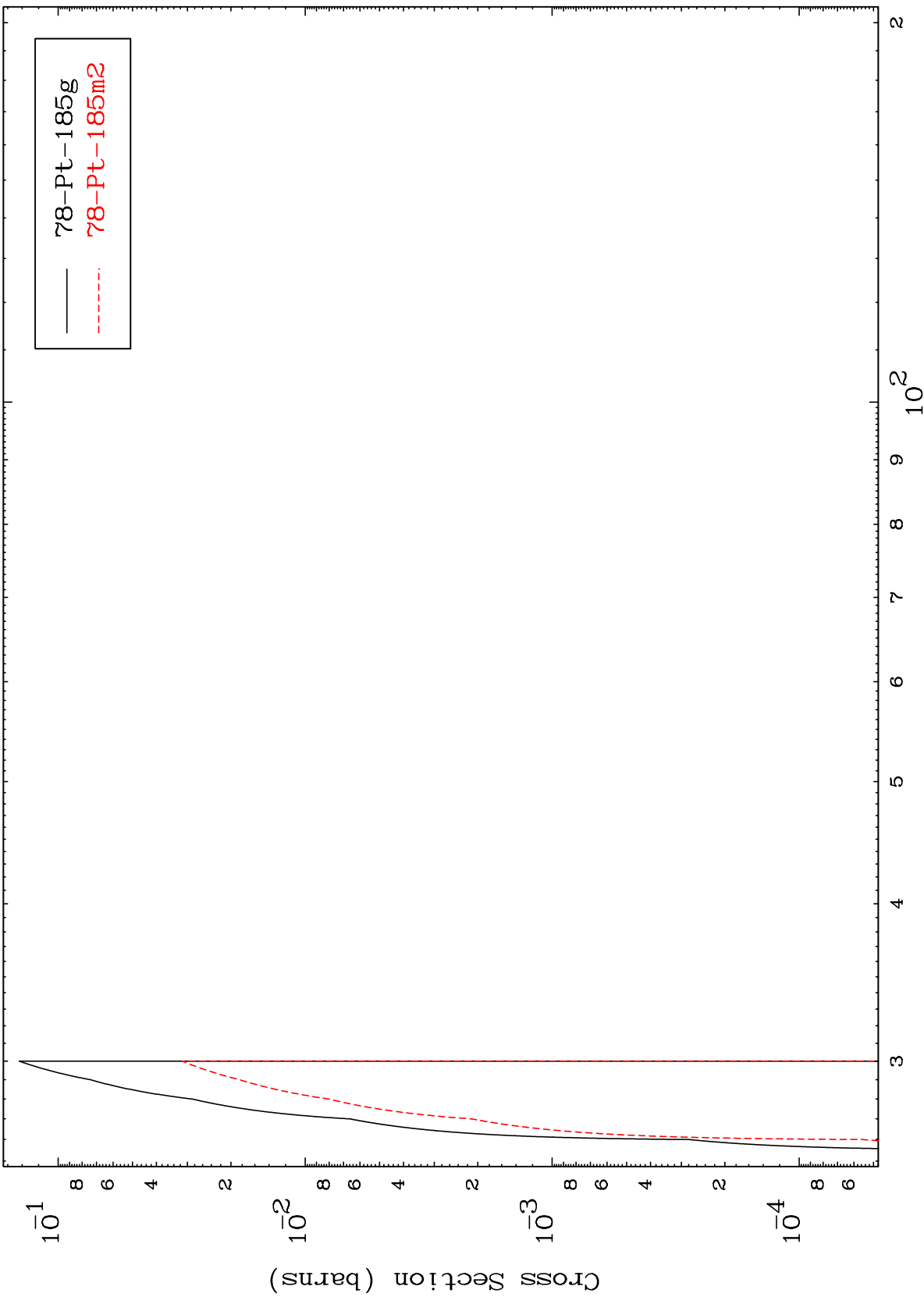
114

Incident Energy (MeV)

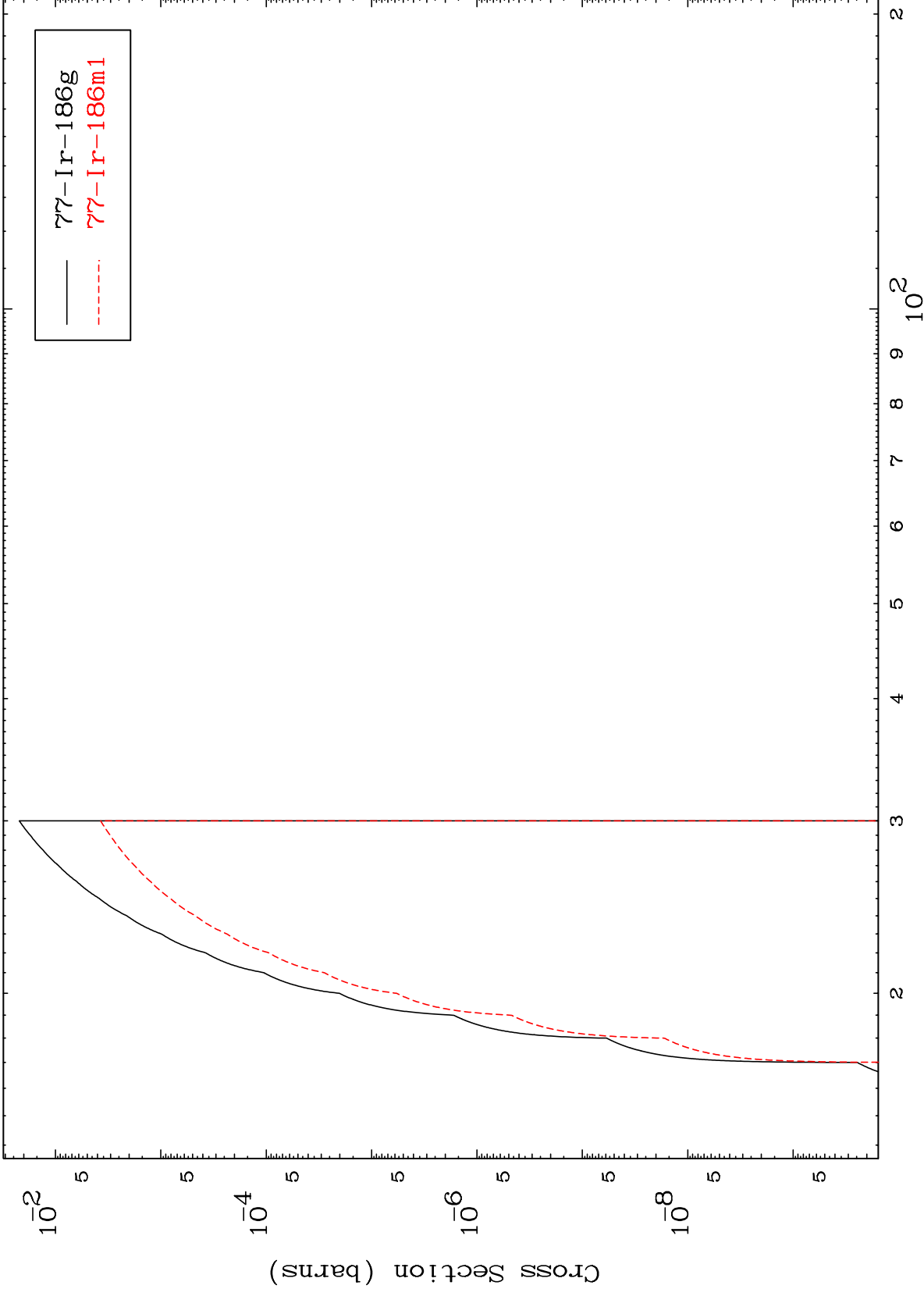
78-Pt-188



(n,4n)
Radionuclide Production Cross Section



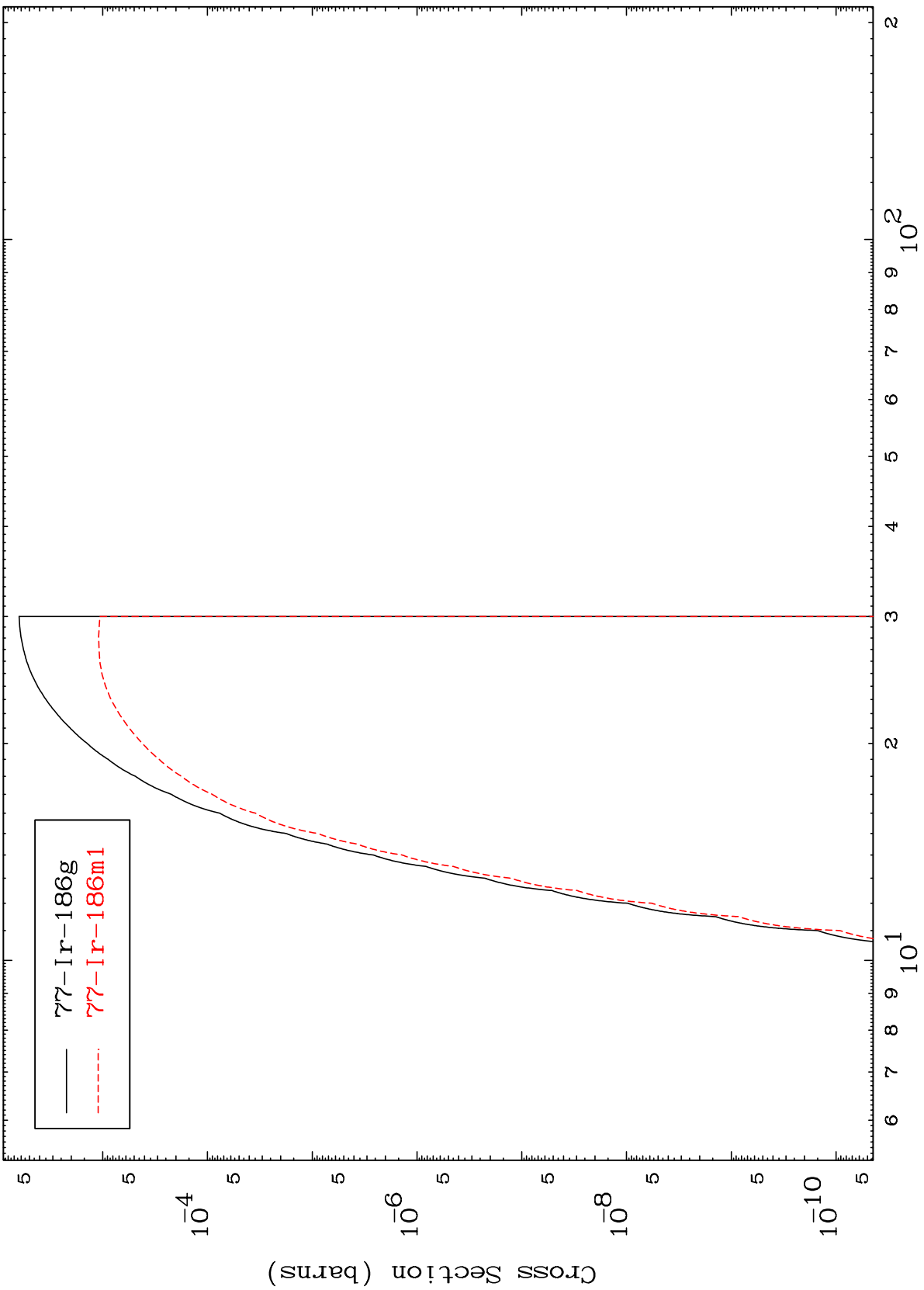
Radionuclide Production Cross Section



MAT 7819

78-Pt-188

(n, t)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,p) α

78-Pt-188

Radionuclide Production Cross Section

