

Program EVALPLOT
(Version 2018-1)

by

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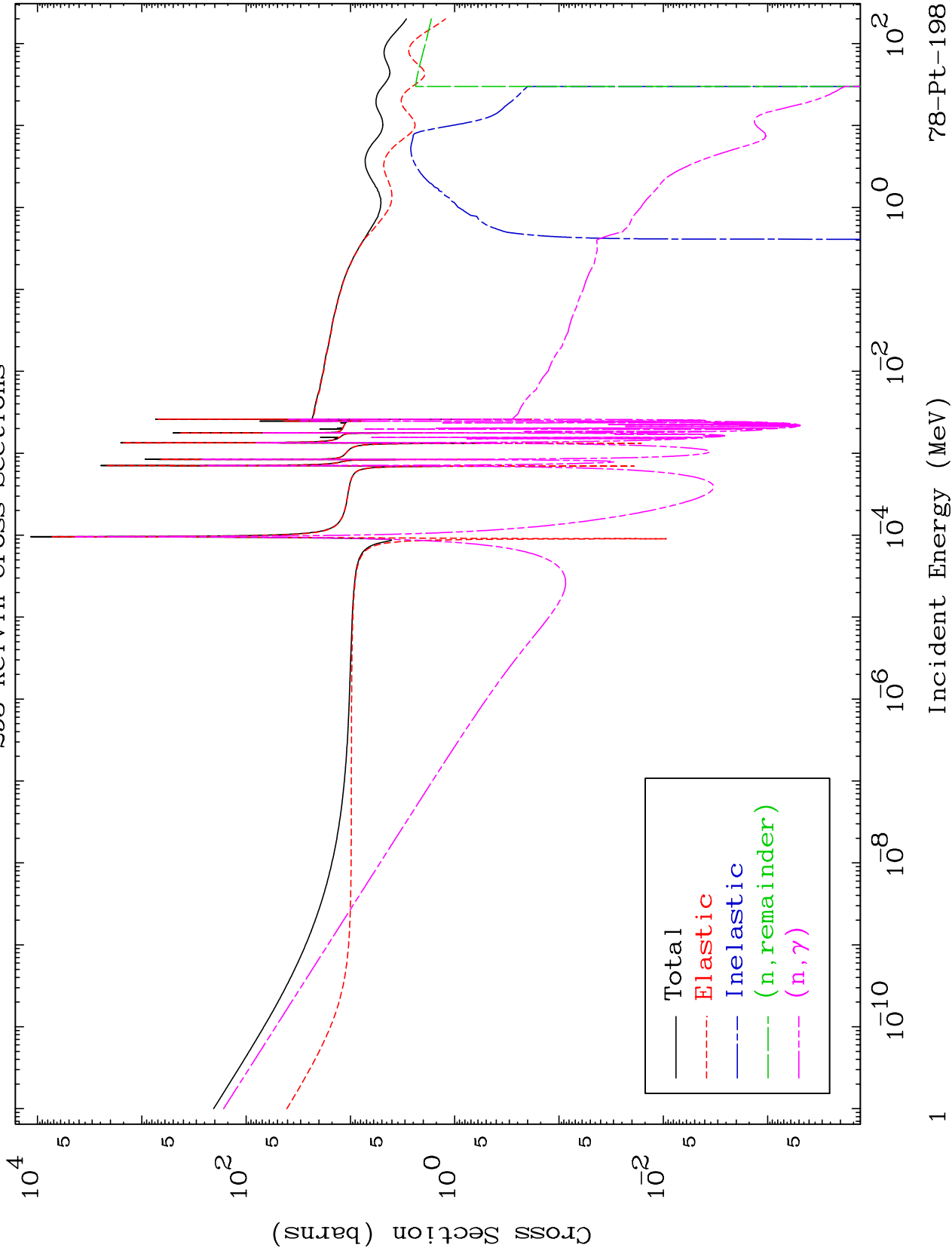
Press Mouse Button to Start

MAT 7849

Major

293 Kelvin Cross Sections

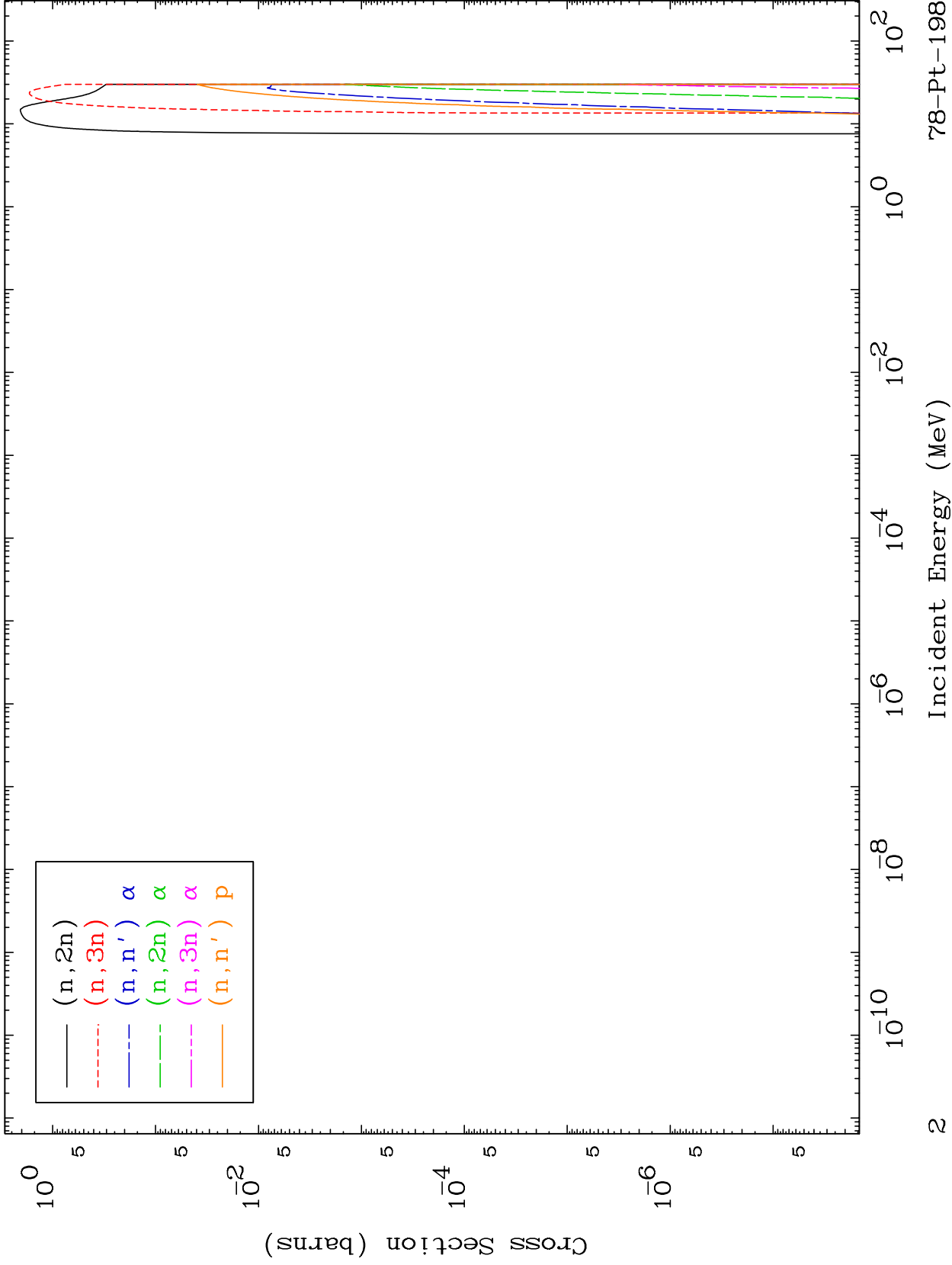
78-Pt-198

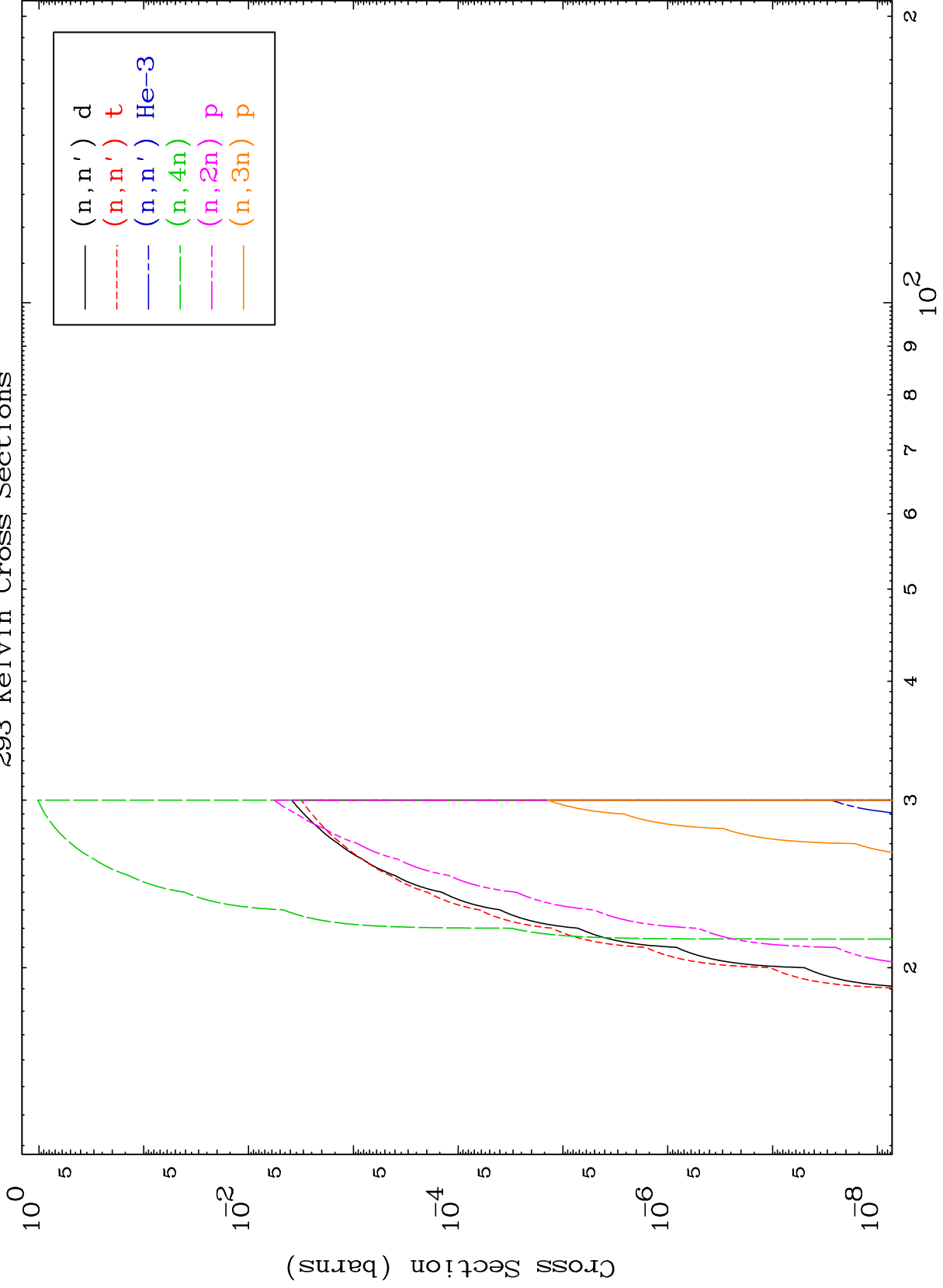


MAT 7849

Neutron Production
293 Kelvin Cross Sections

78-Pt-198

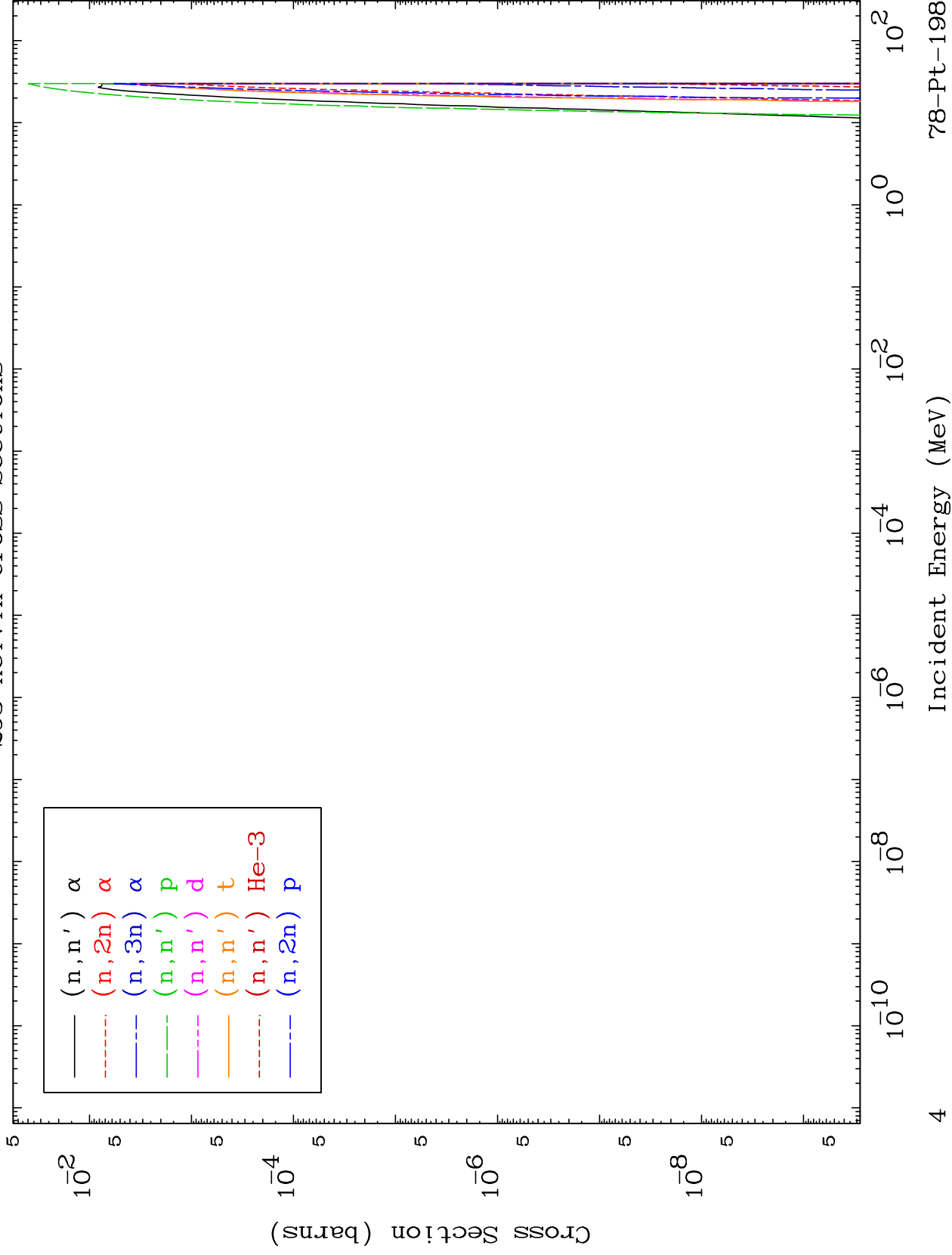




MAT 7849

Charged Particle
293 Kelvin Cross Sections

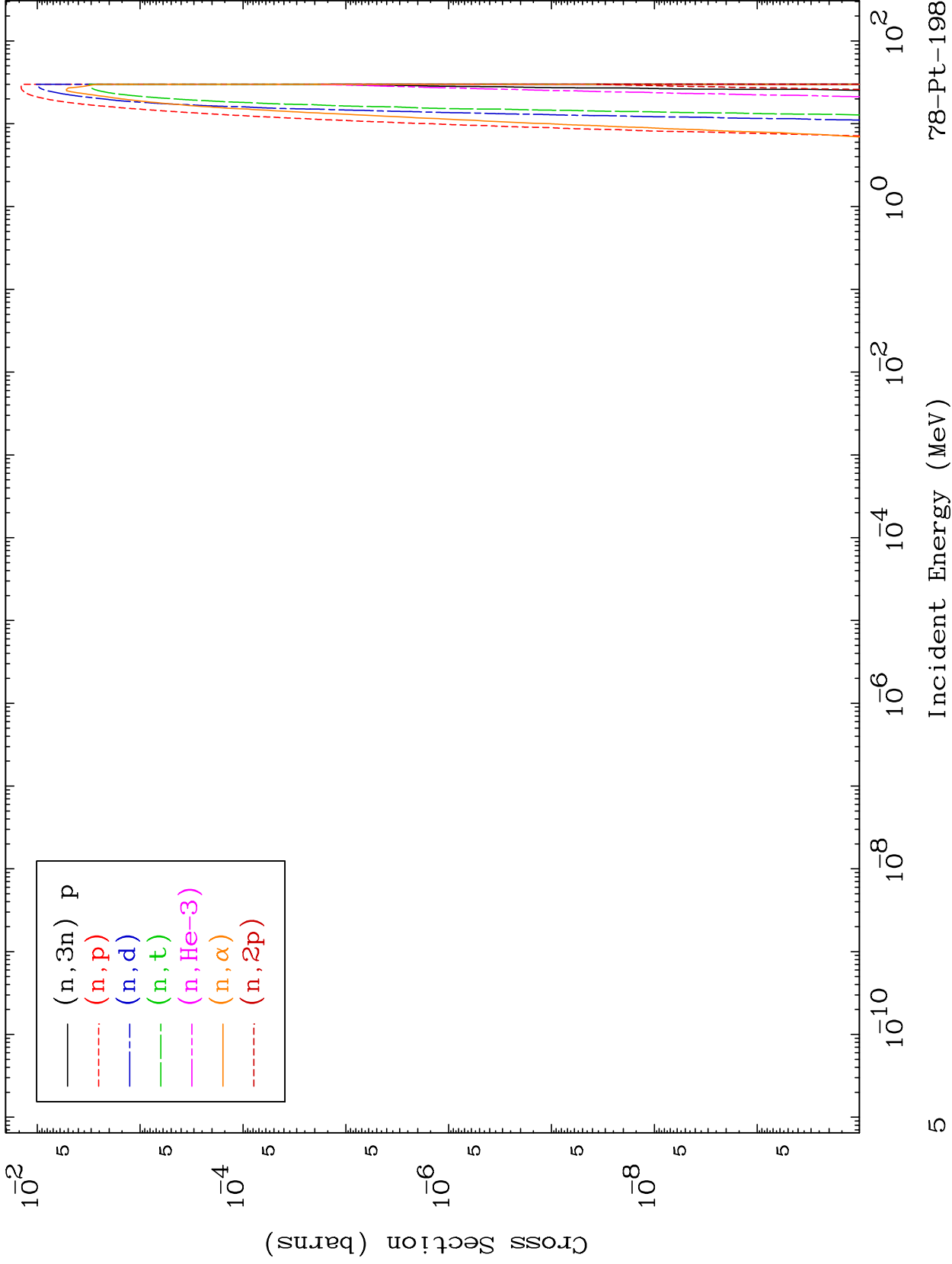
78-Pt-198



MAT 7849

Charged Particle
293 Kelvin Cross Sections

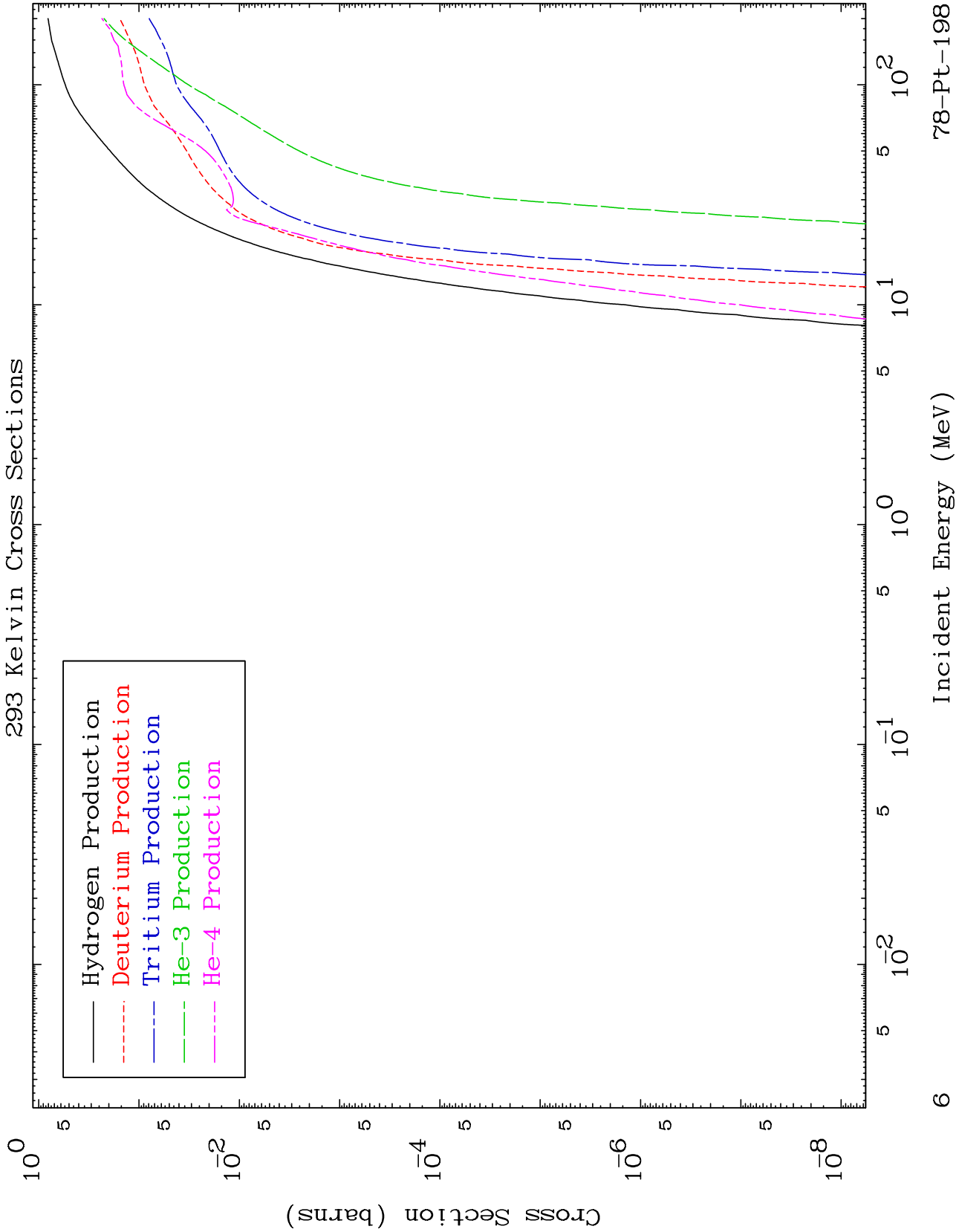
78-Pt-198



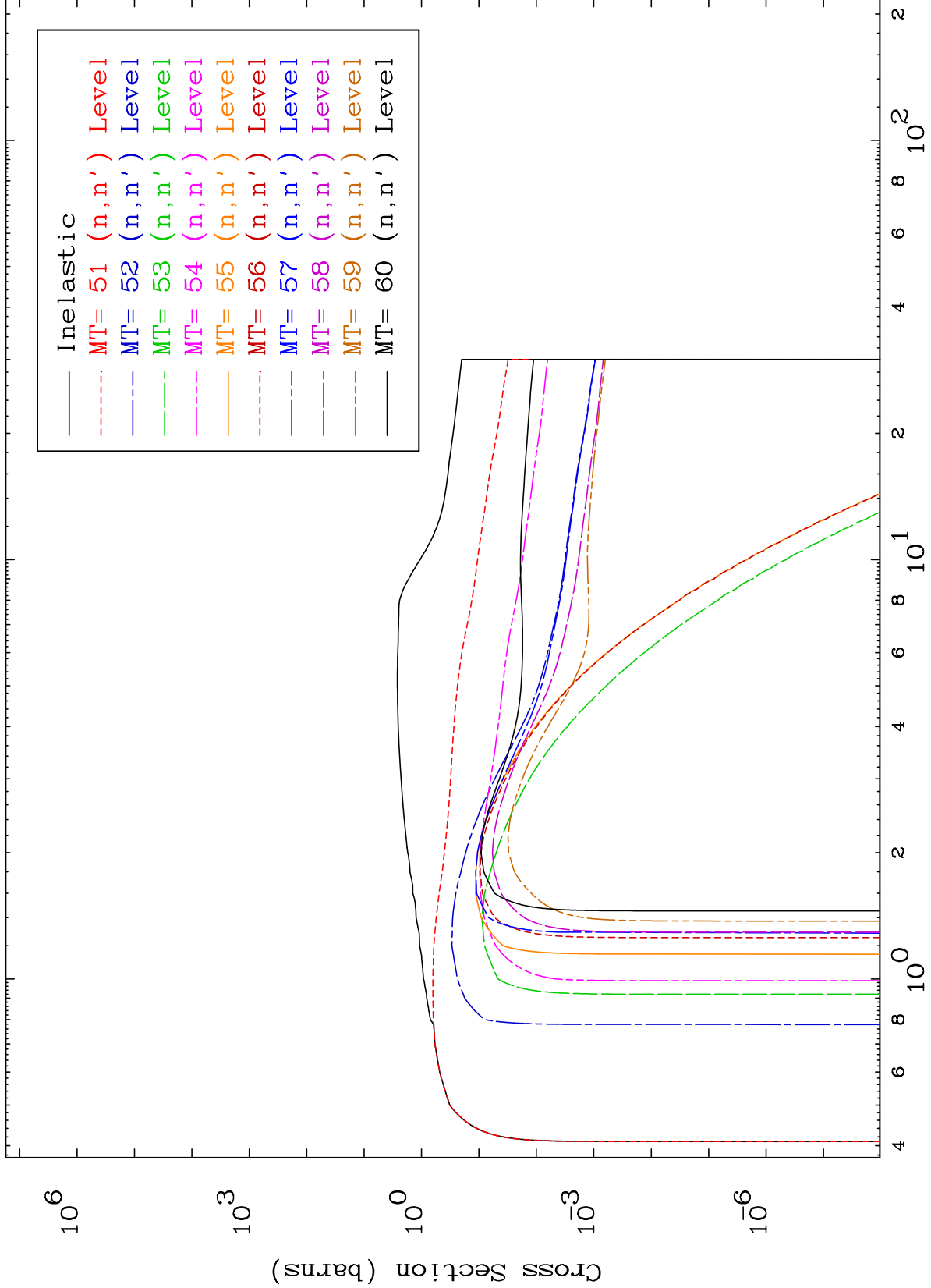
MAT 7849

Particle Production
293 Kelvin Cross Sections

78-Pt-198



293 Kelvin Cross Sections

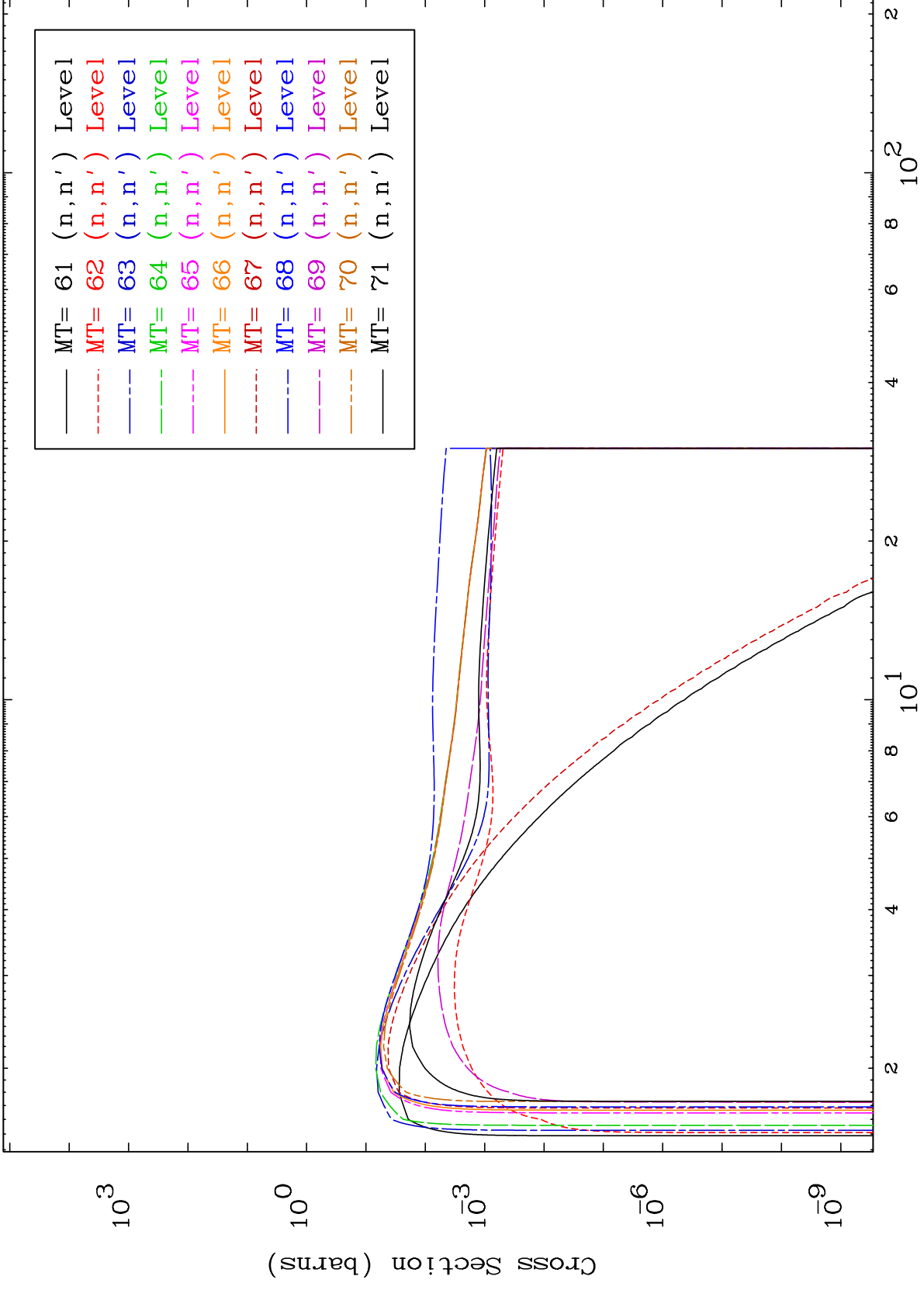


MAT 7849

(n,n') Level

78-Pt-198

293 Kelvin Cross Sections



8

Incident Energy (MeV)

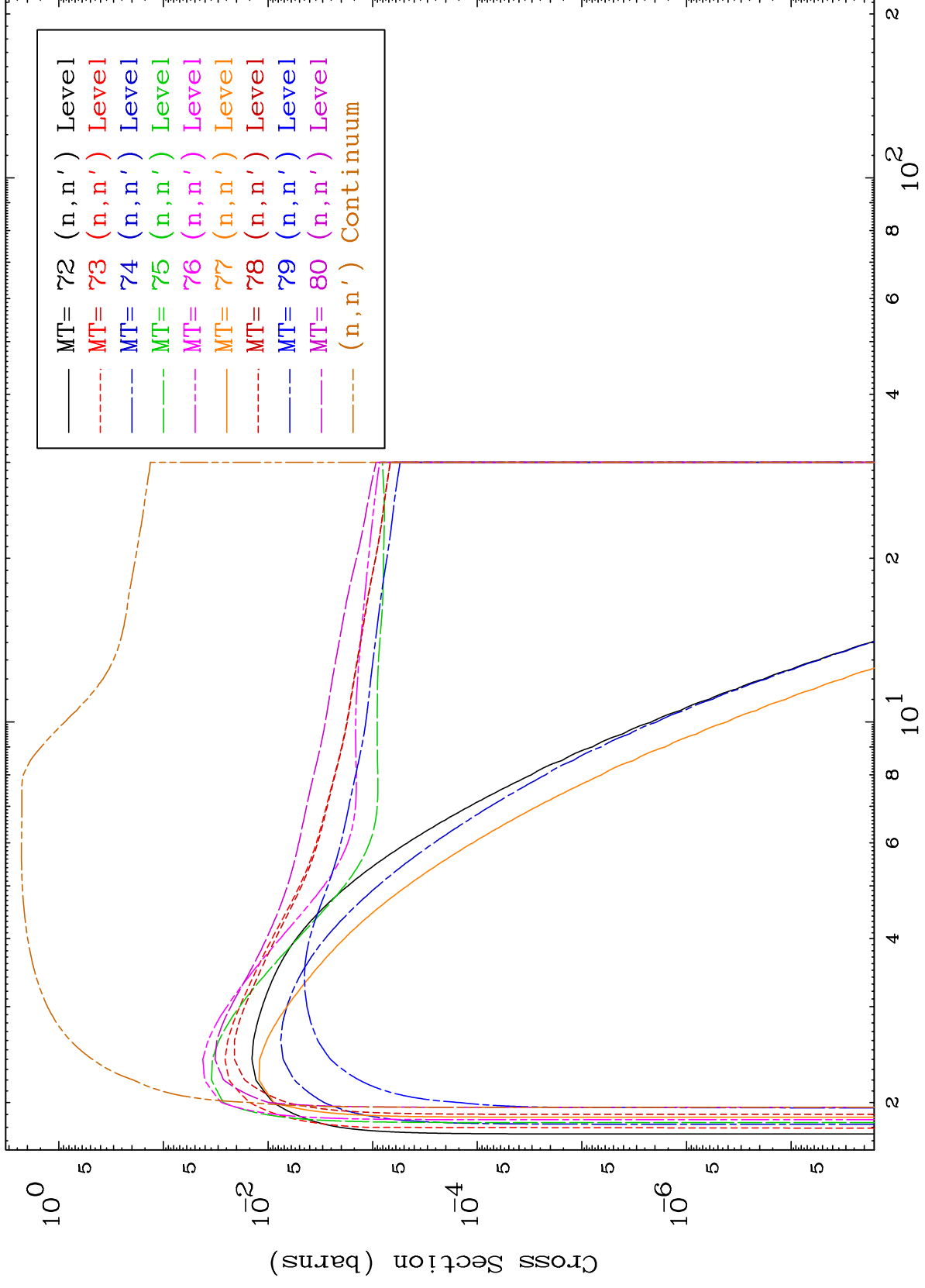
78-Pt-198

MAT 7849

(n,n') Level

78-Pt-198

293 Kelvin Cross Sections



9

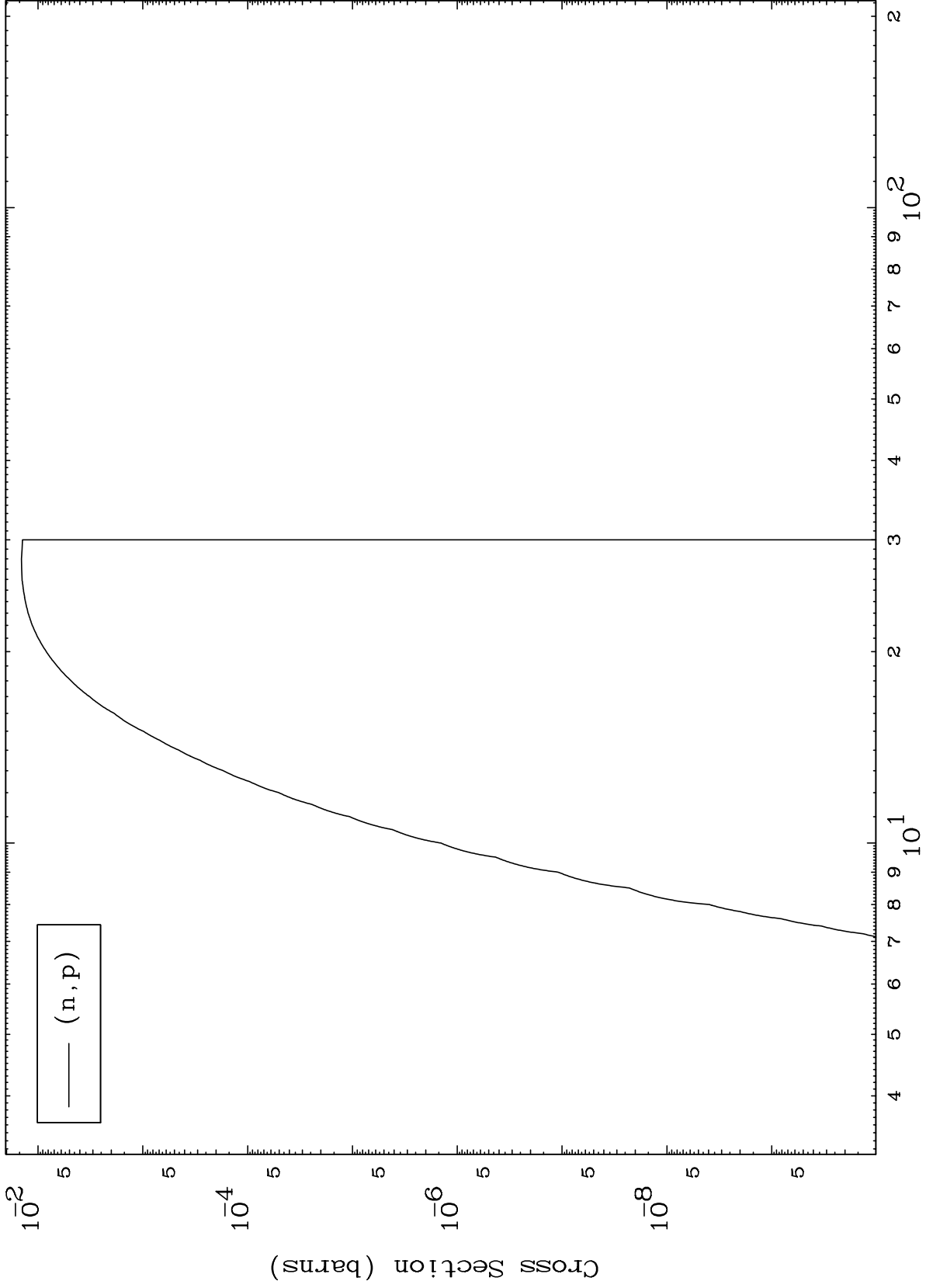
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-198



10

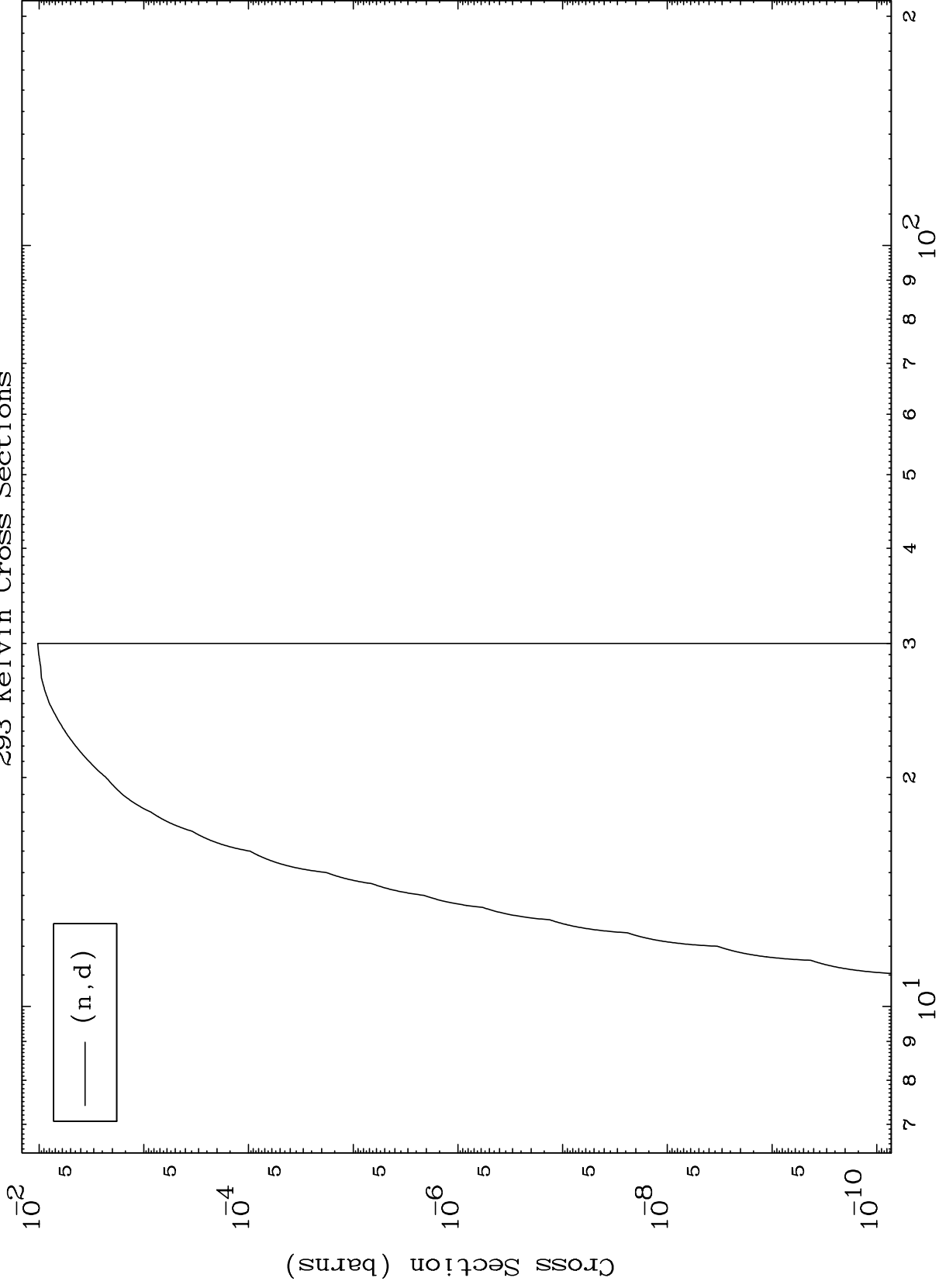
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-198



11

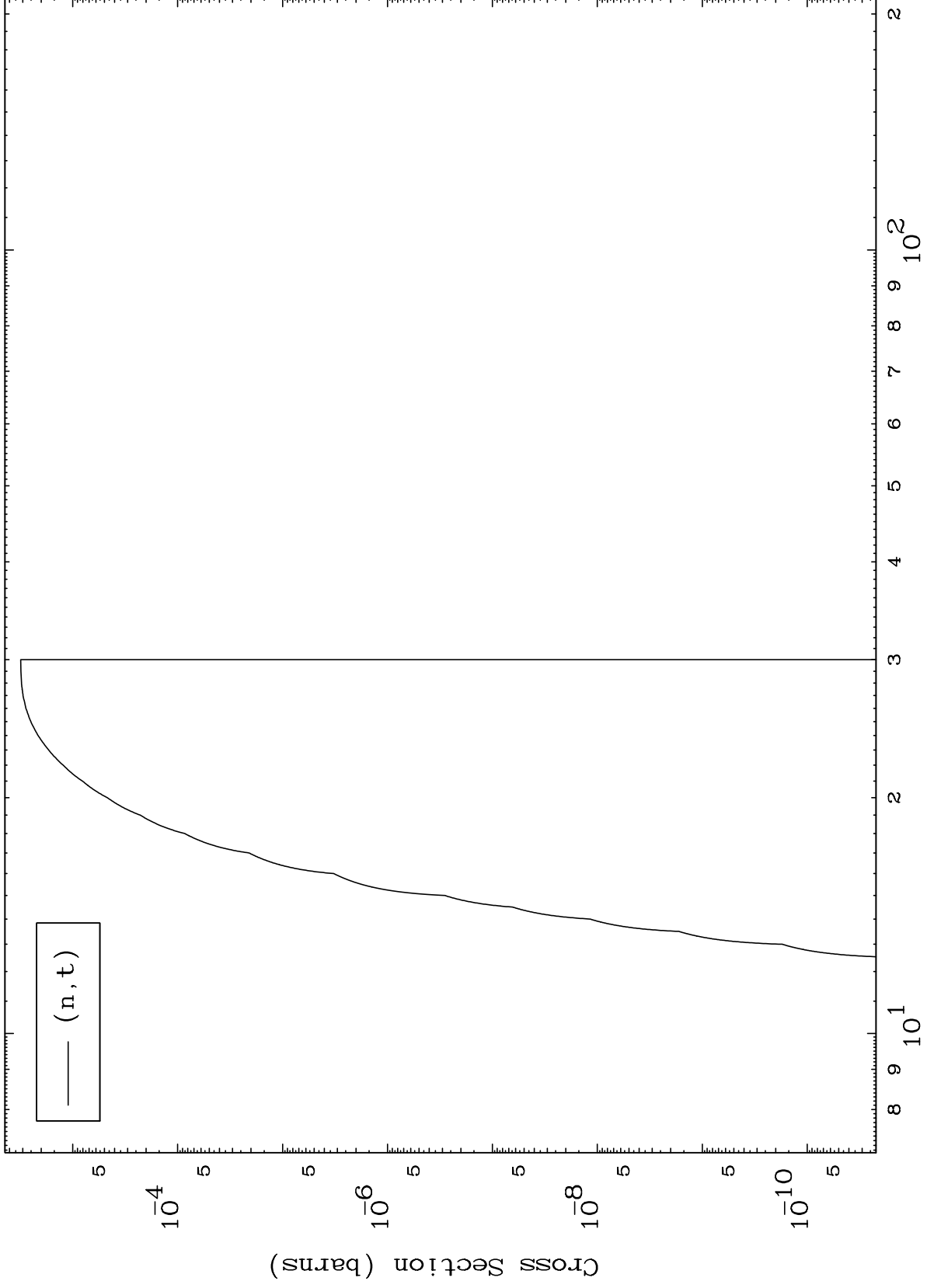
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-198



12

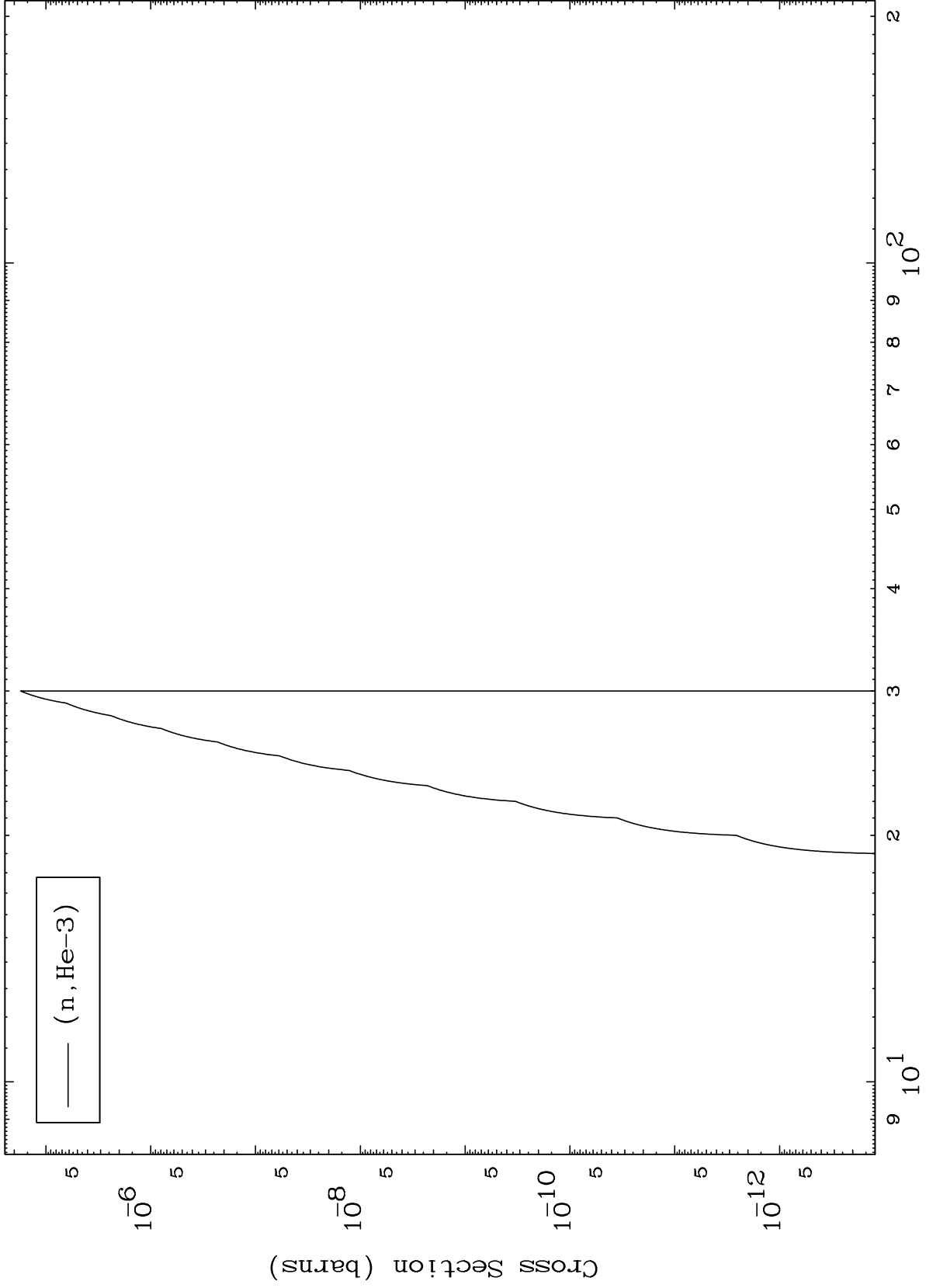
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-198



13

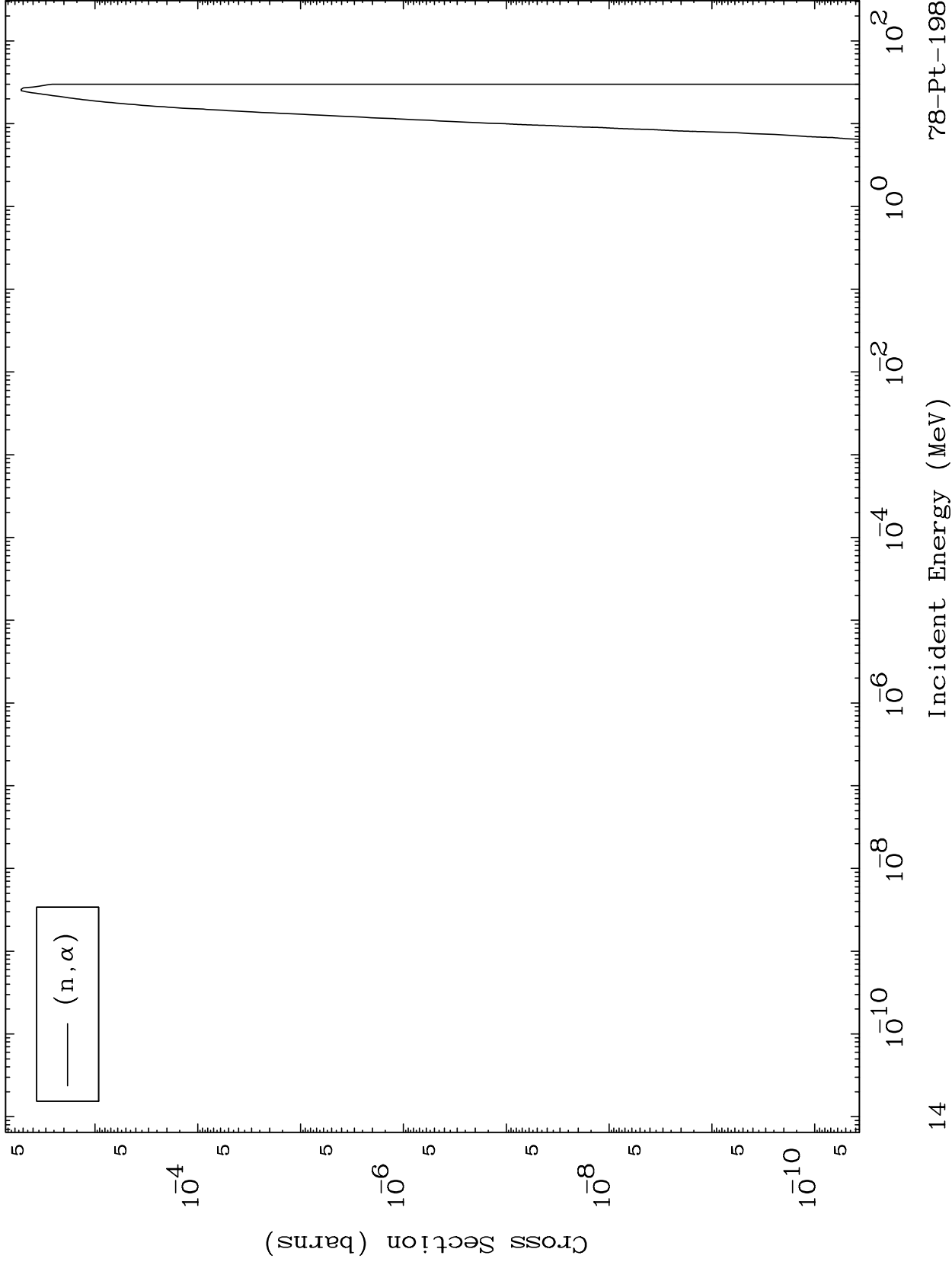
Incident Energy (MeV)

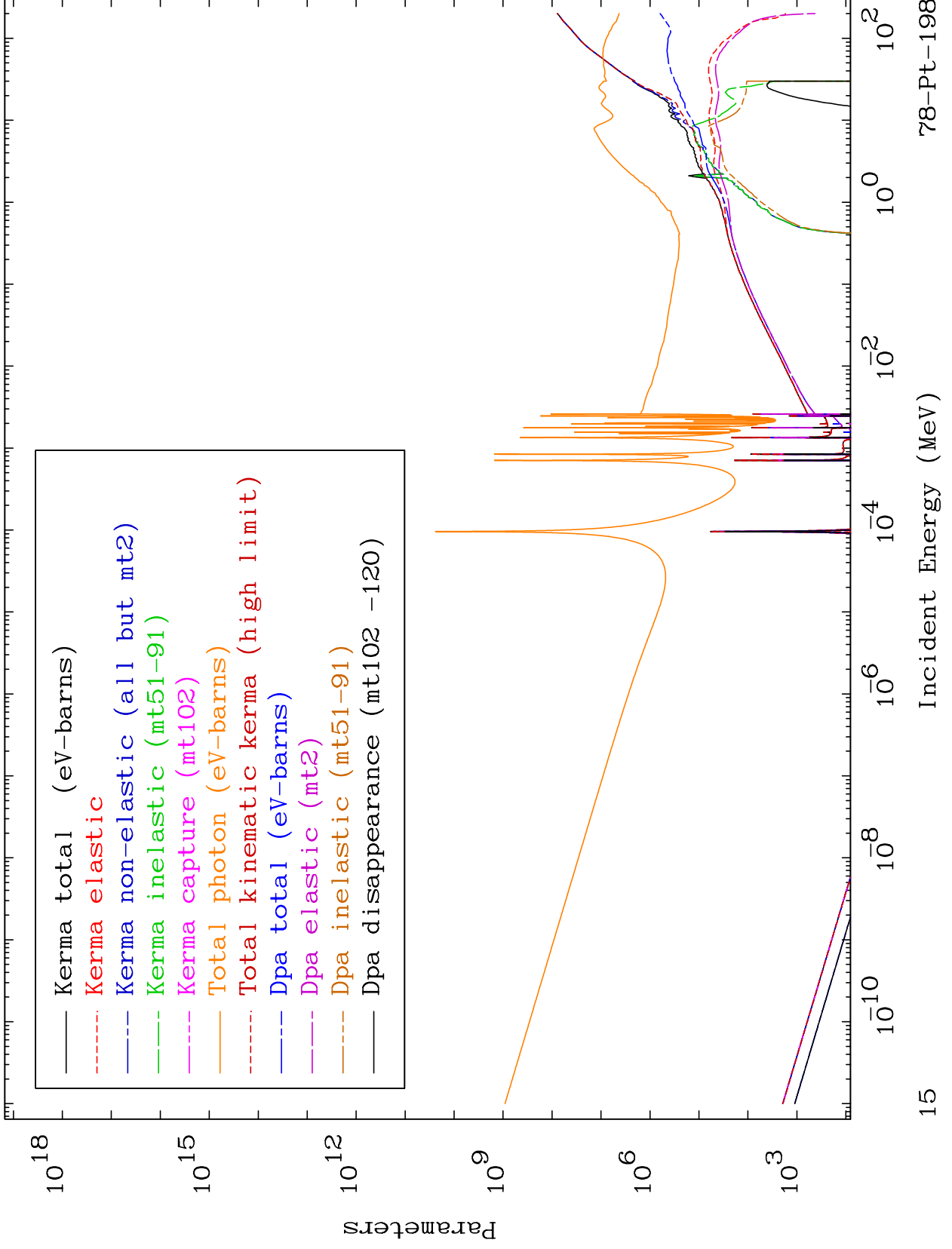
78-Pt-198

MAT 7849

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-198

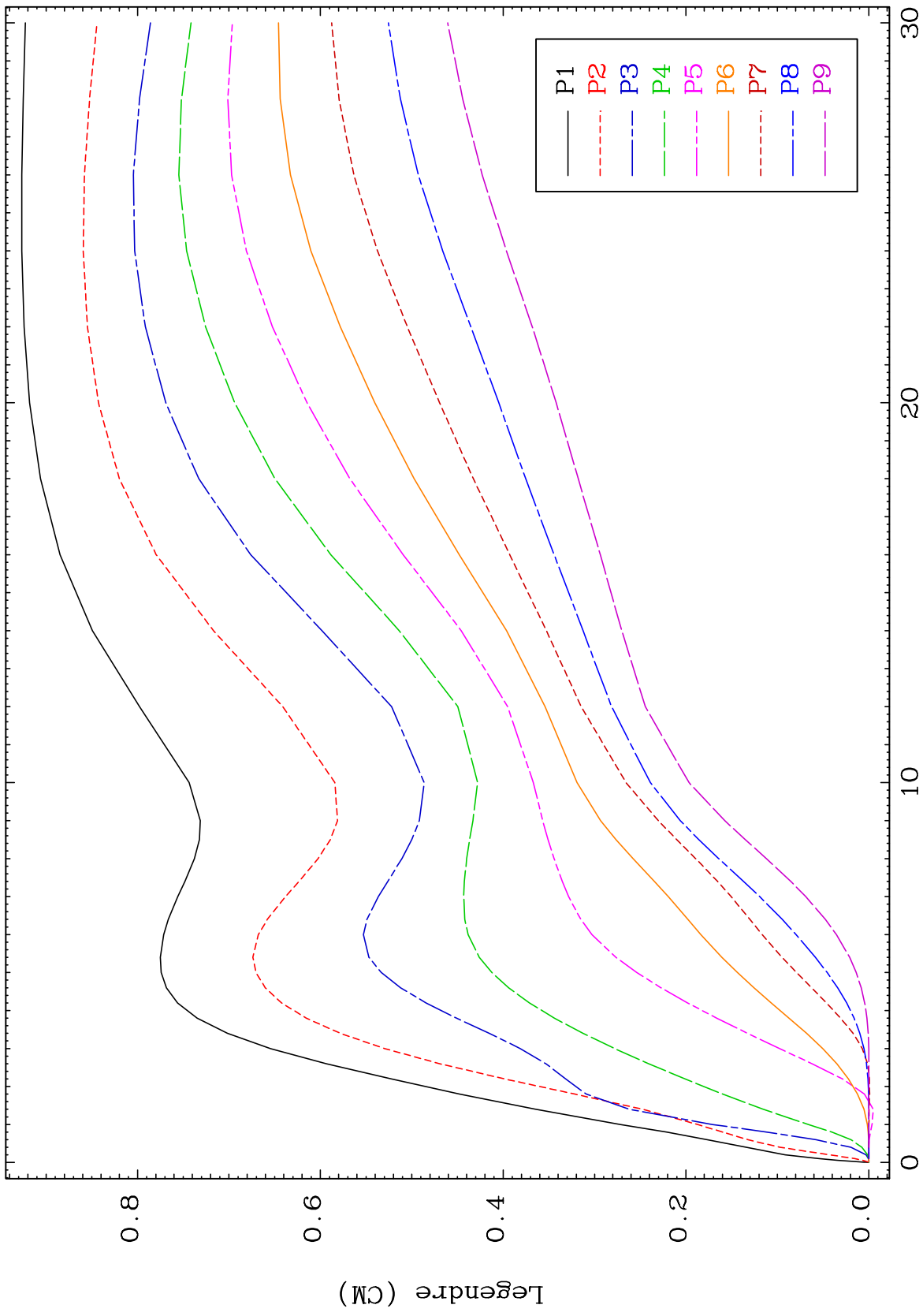




MAT 7849

78-Pt-198

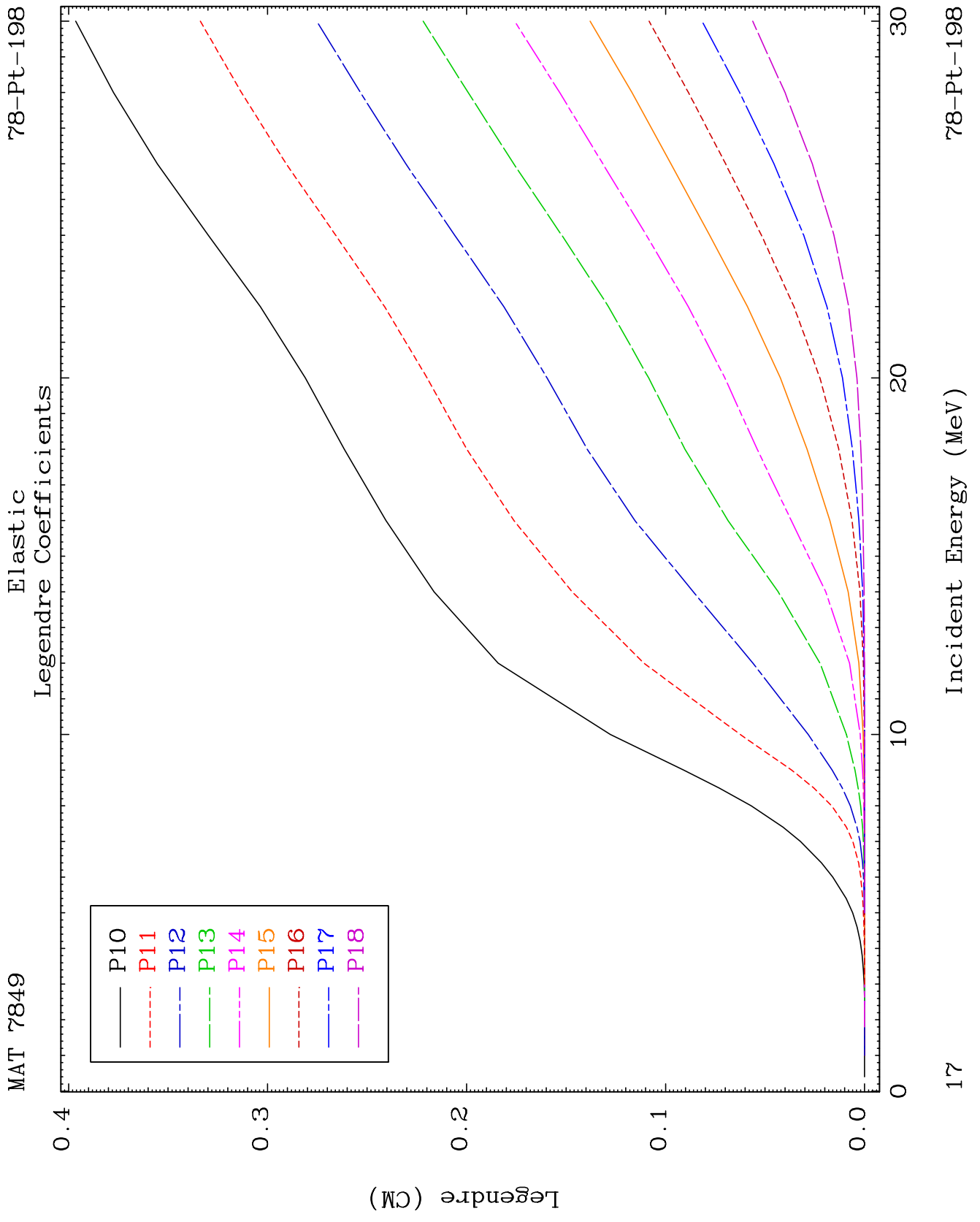
Elastic Legendre Coefficients



78-Pt-198

Incident Energy (MeV)

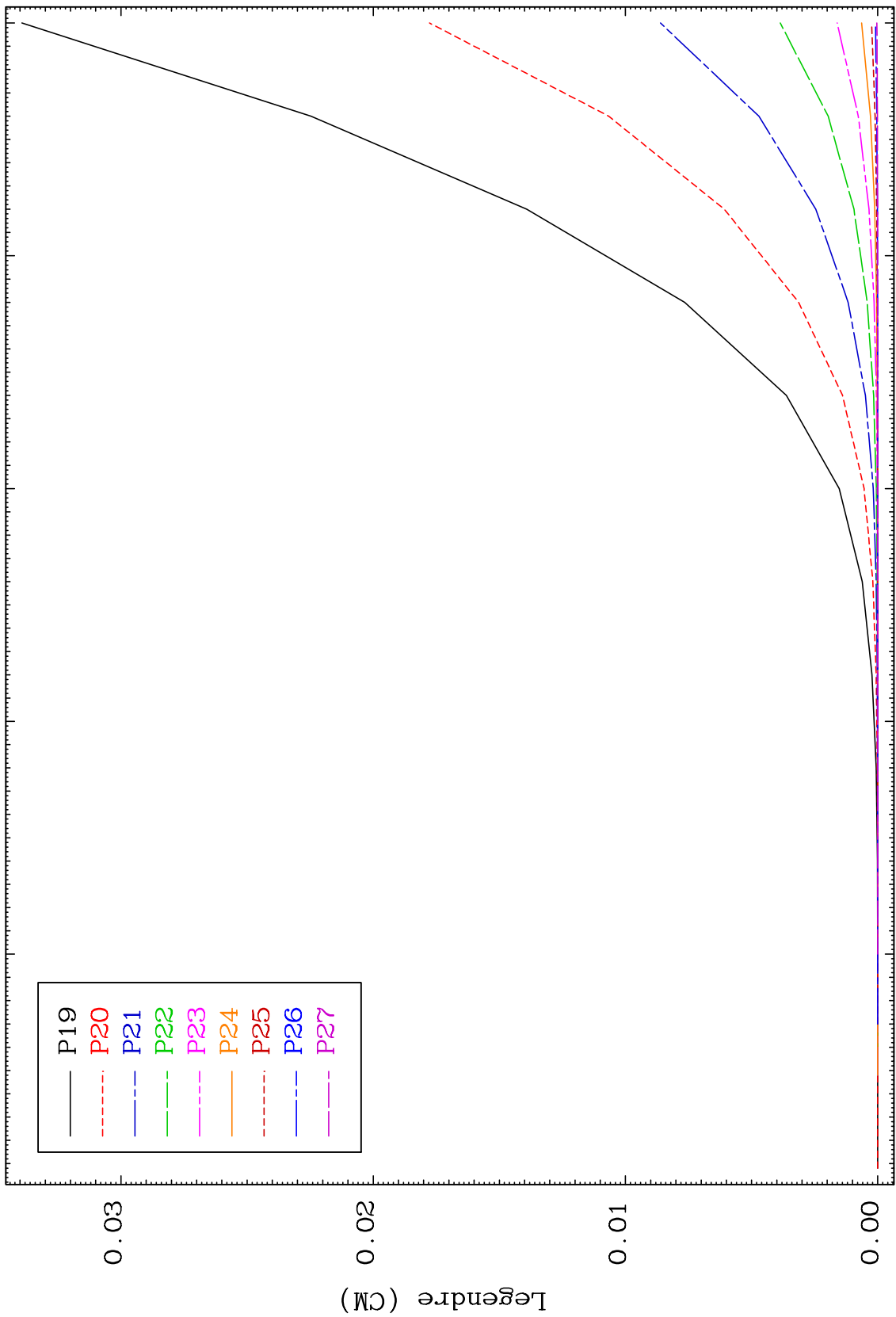
16



MAT 7849

Elastic Legendre Coefficients

78-Pt-198



18

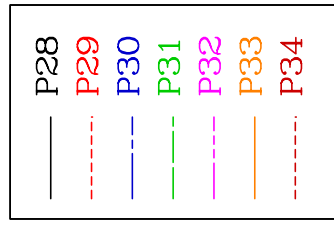
Incident Energy (MeV)

78-Pt-198

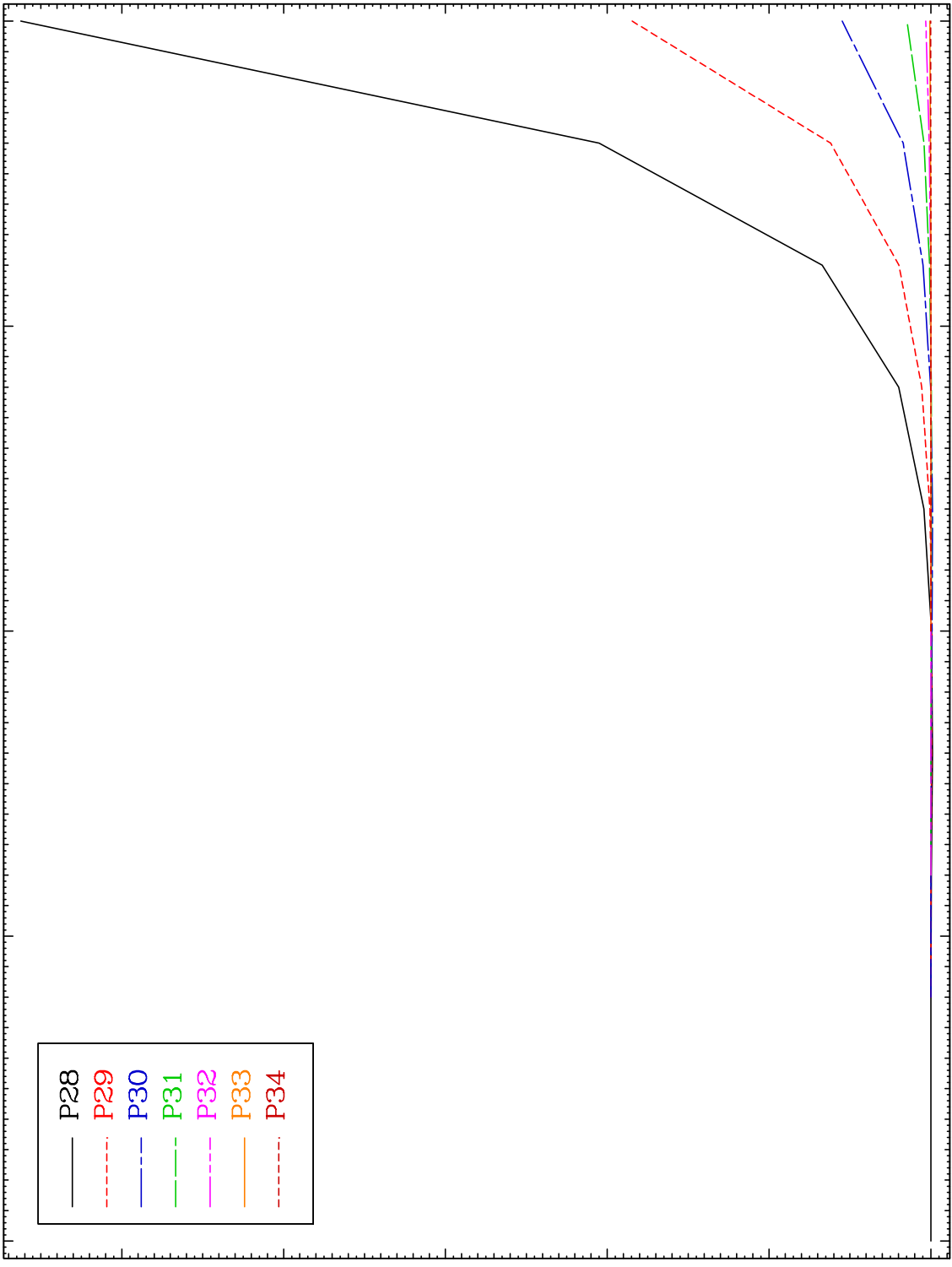
MAT 7849

Elastic Legendre Coefficients

78-Pt-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0



10 15 20 25 30

Incident Energy (MeV)

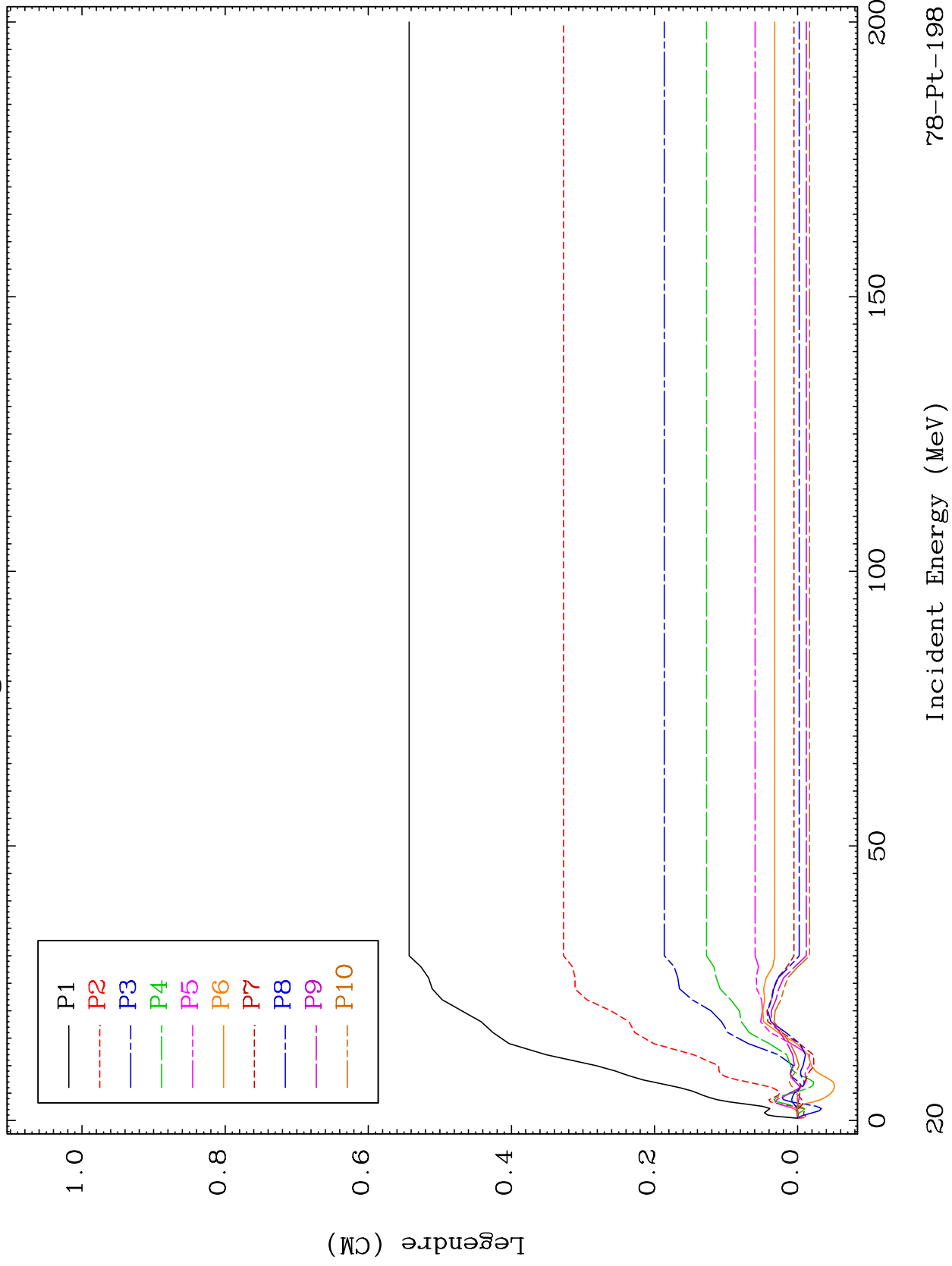
78-Pt-198

19

MAT 7849

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

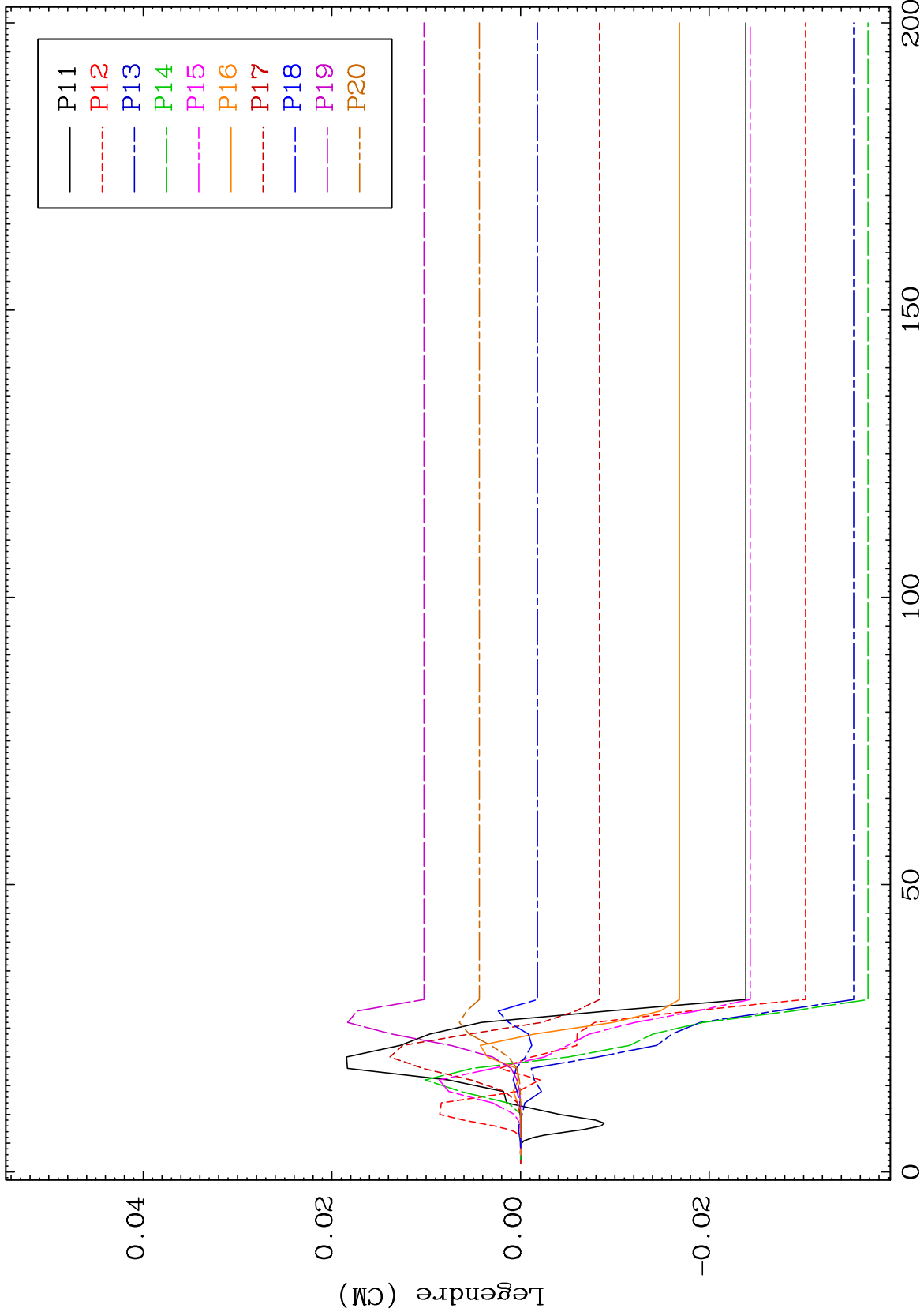
78-Pt-198



MAT 7849

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

78-Pt-198



21

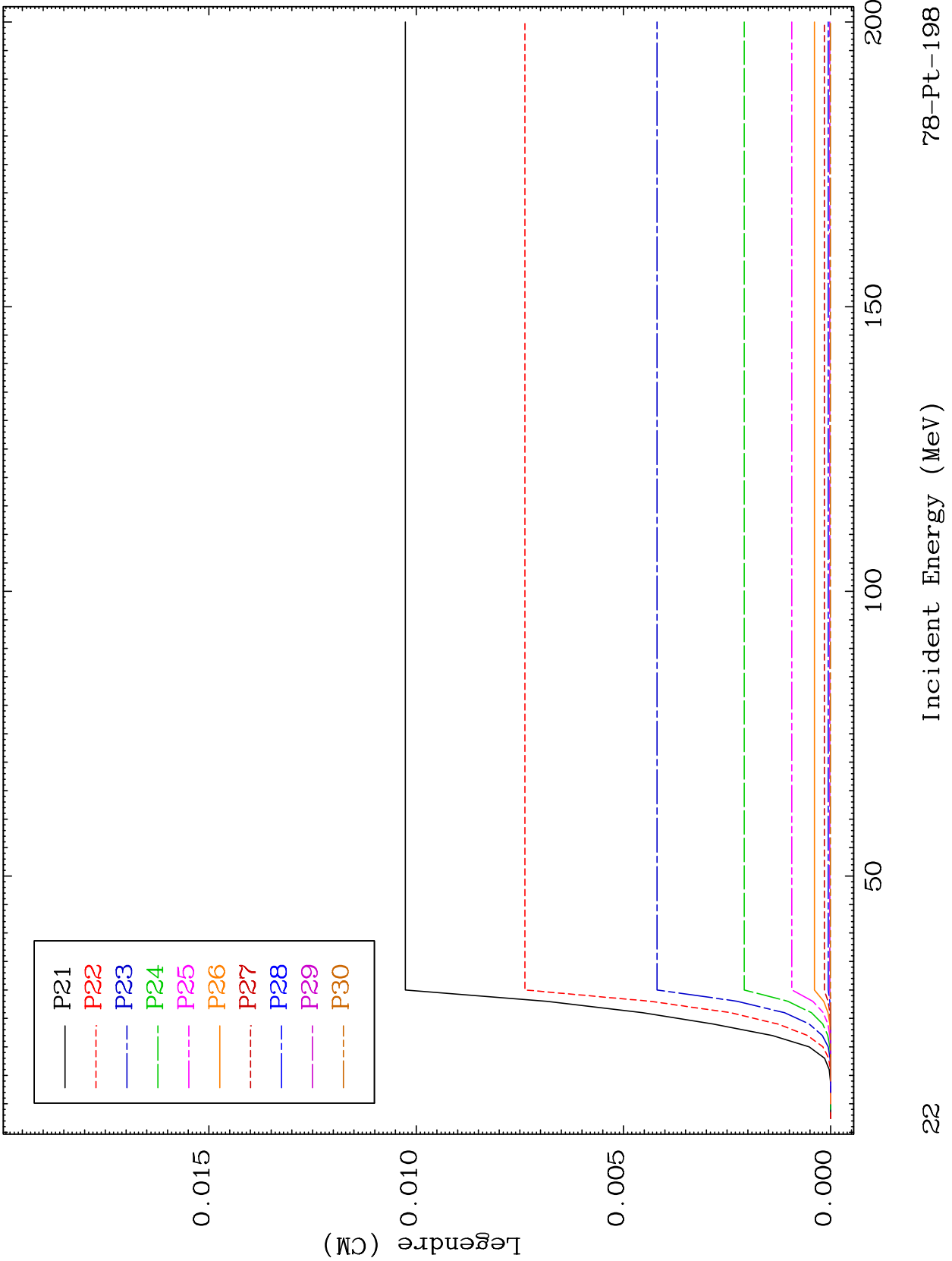
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

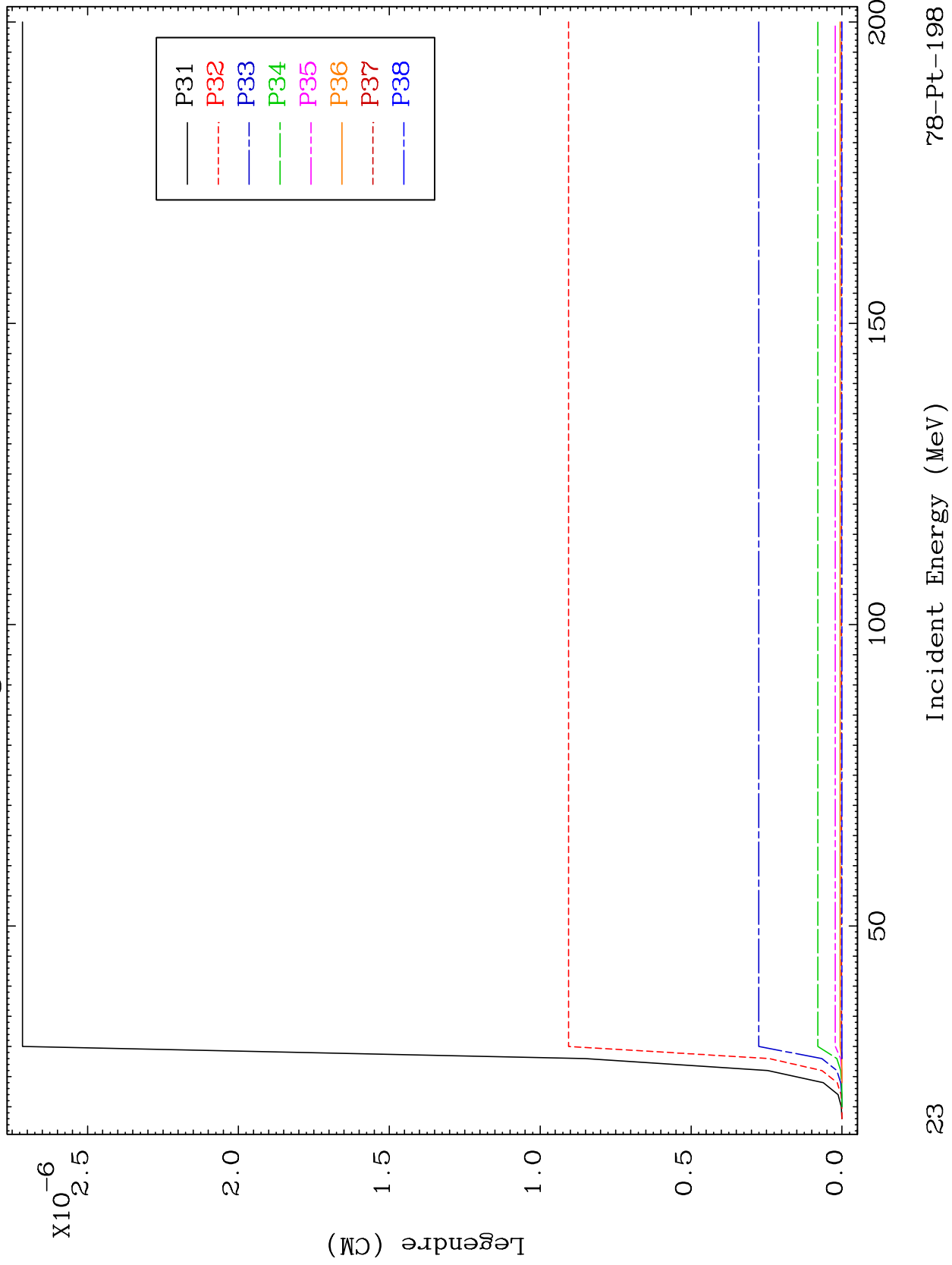
78-Pt-198



MAT 7849

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

78-Pt-198



23

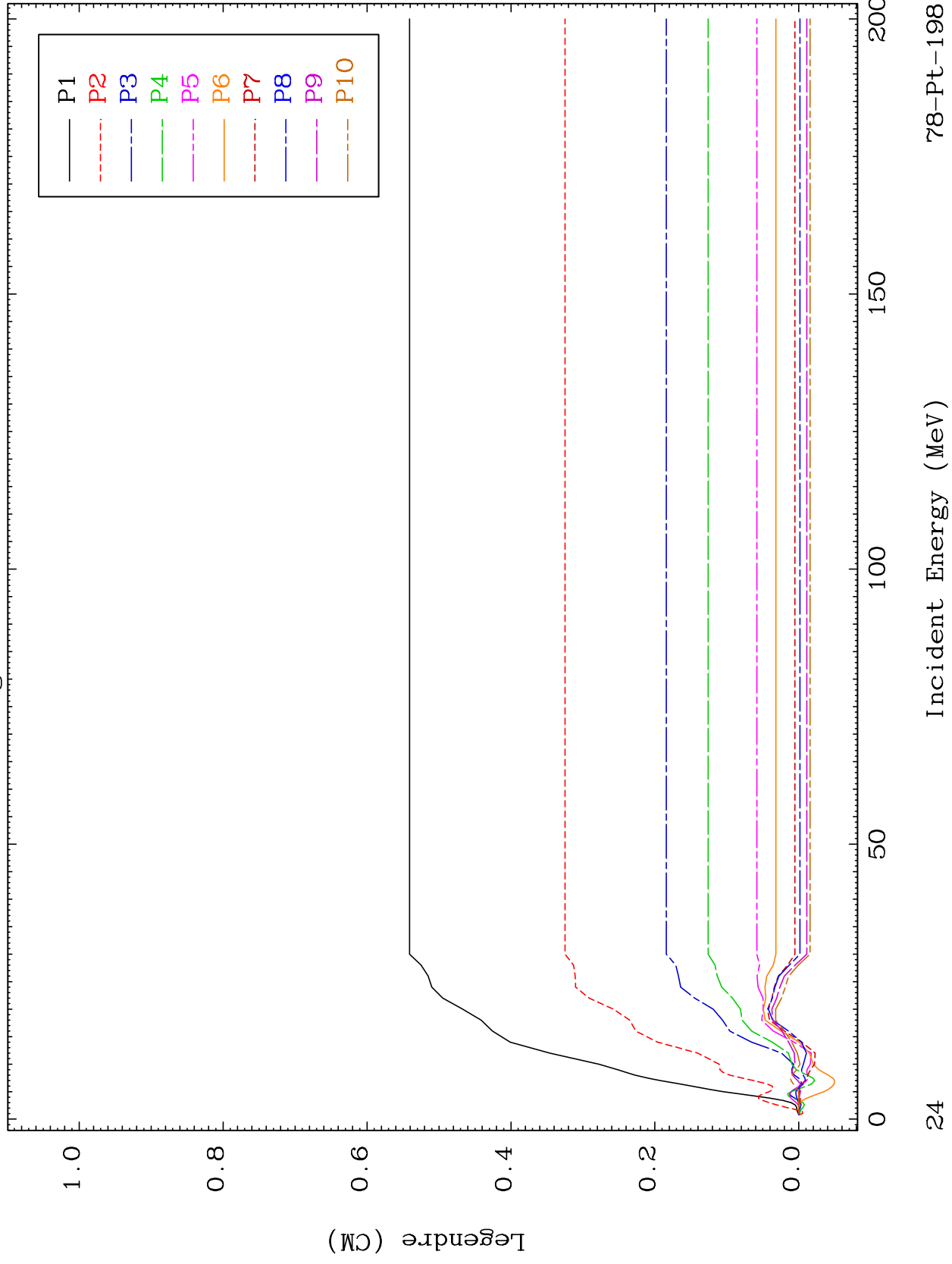
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

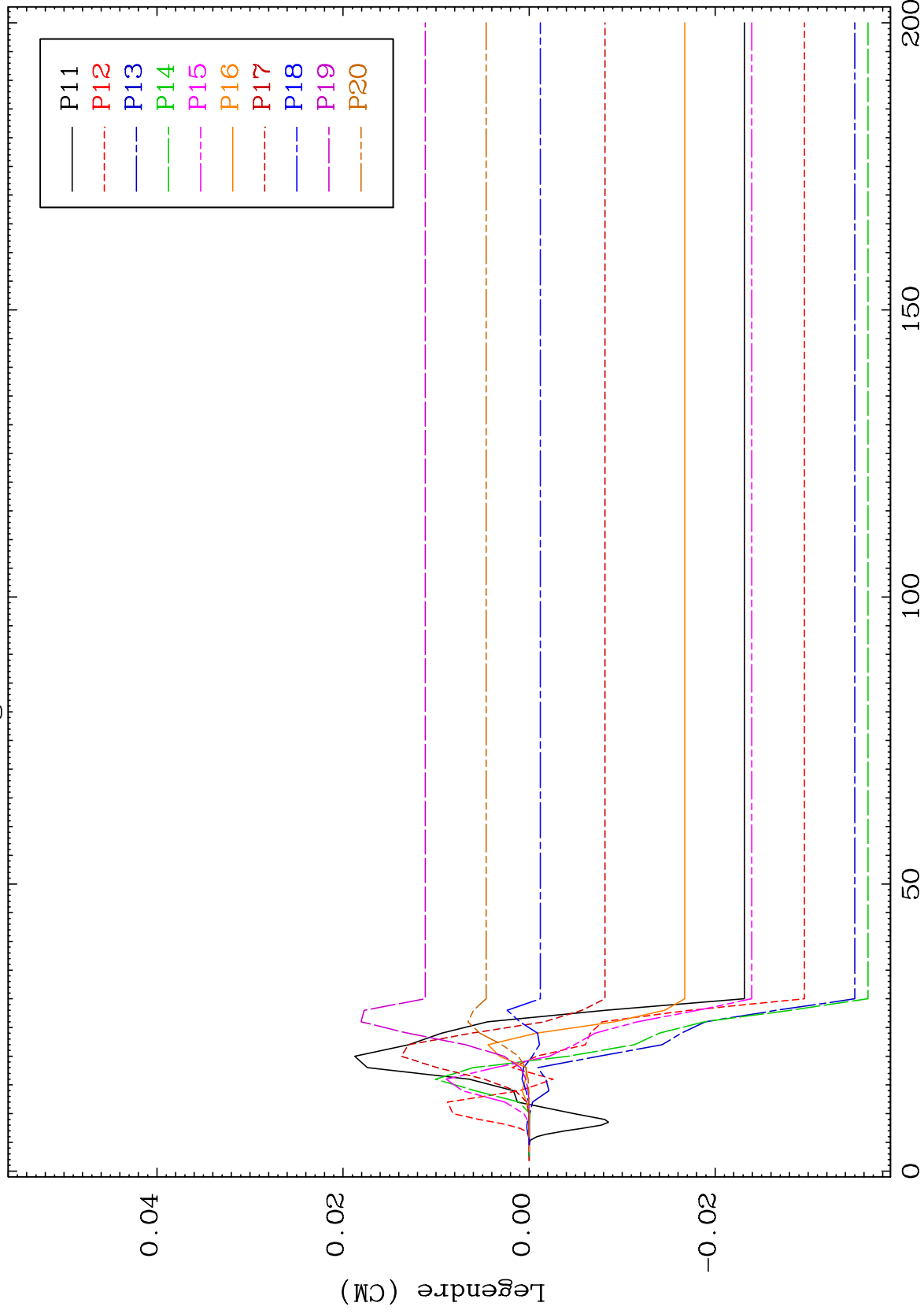
78-Pt-198



MAT 7849

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

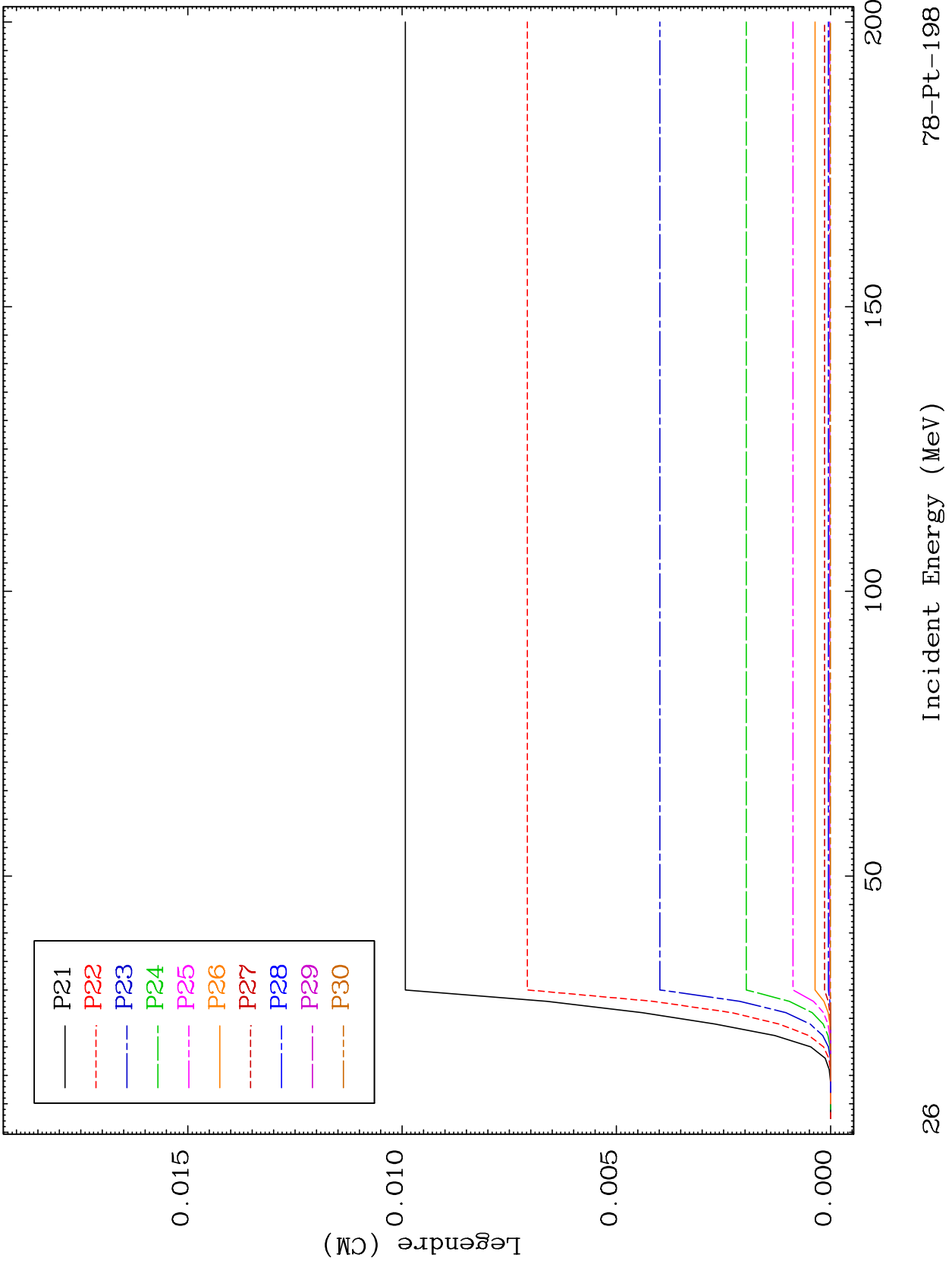
78-Pt-198



25

Incident Energy (MeV)

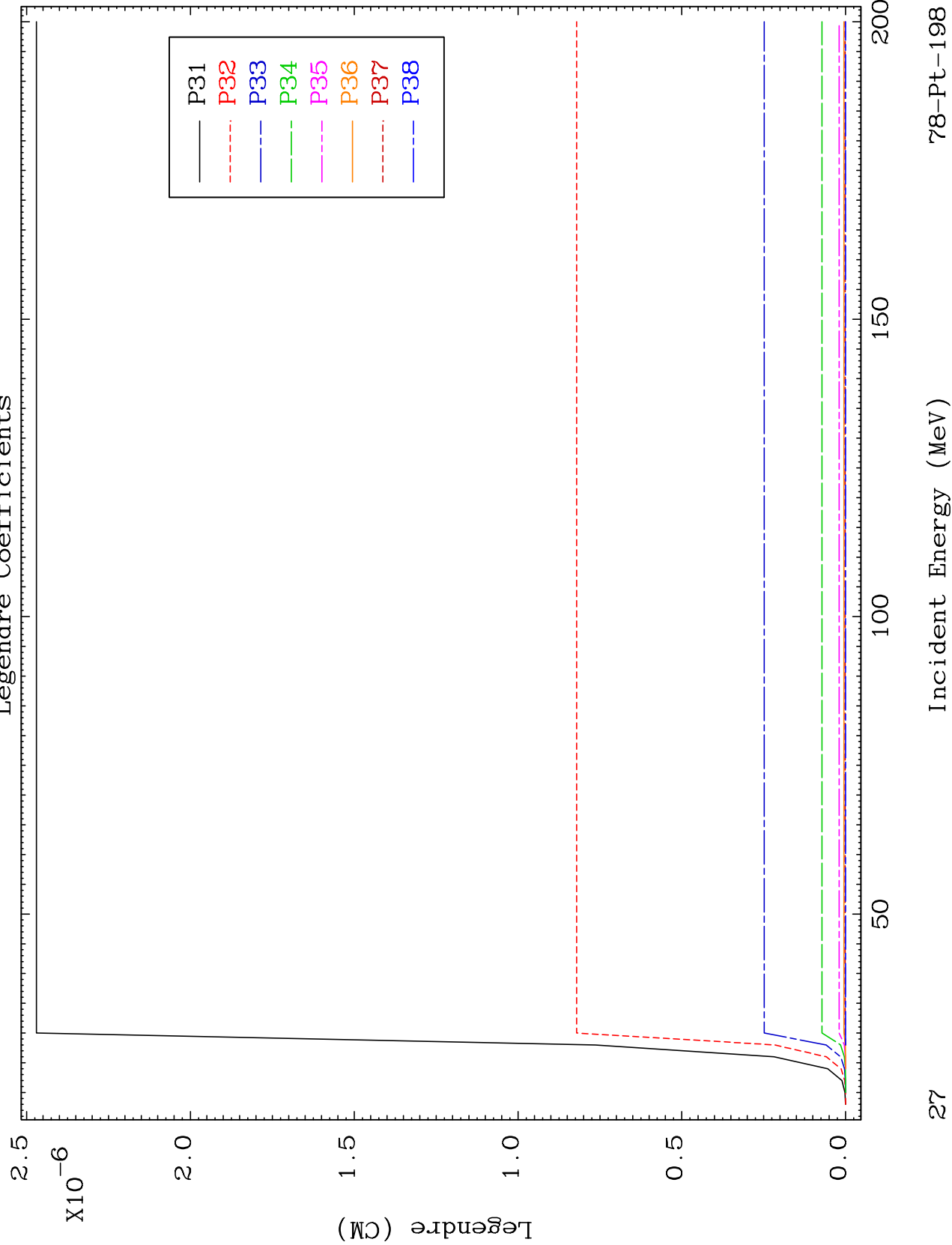
78-Pt-198



MAT 7849

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

78-Pt-198



27

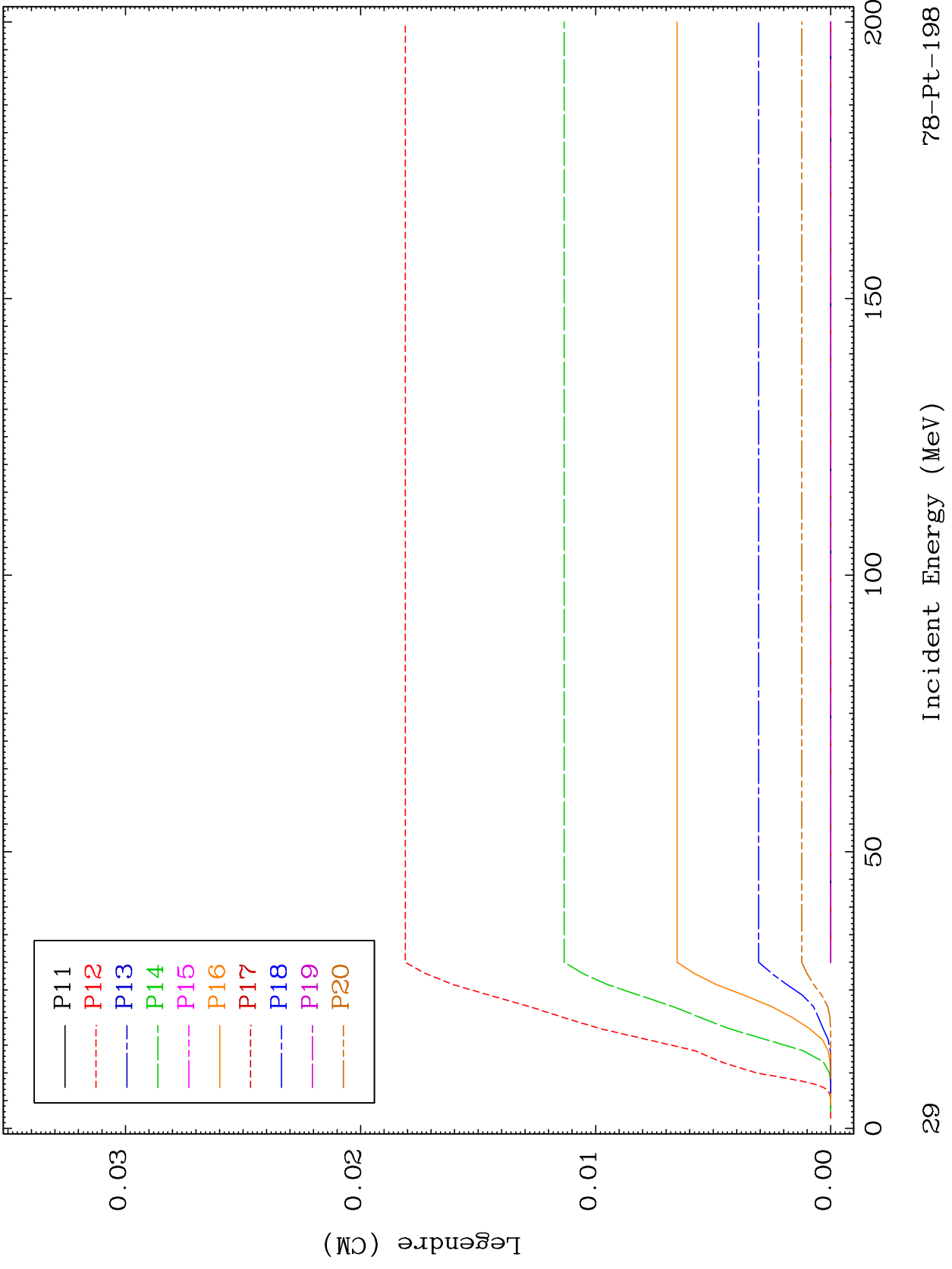
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



29

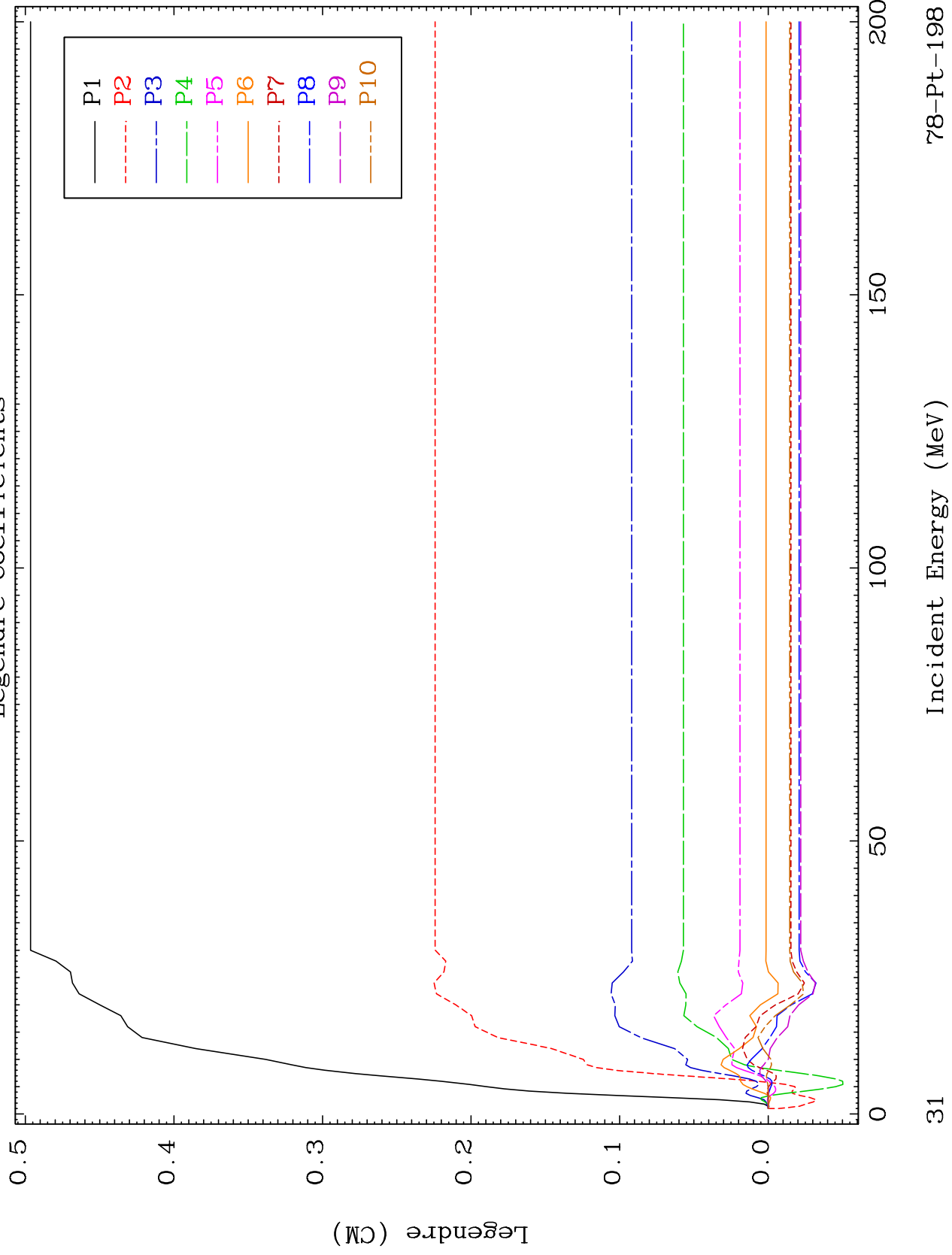
Incident Energy (MeV)

78-Pt-198

MAT 7849

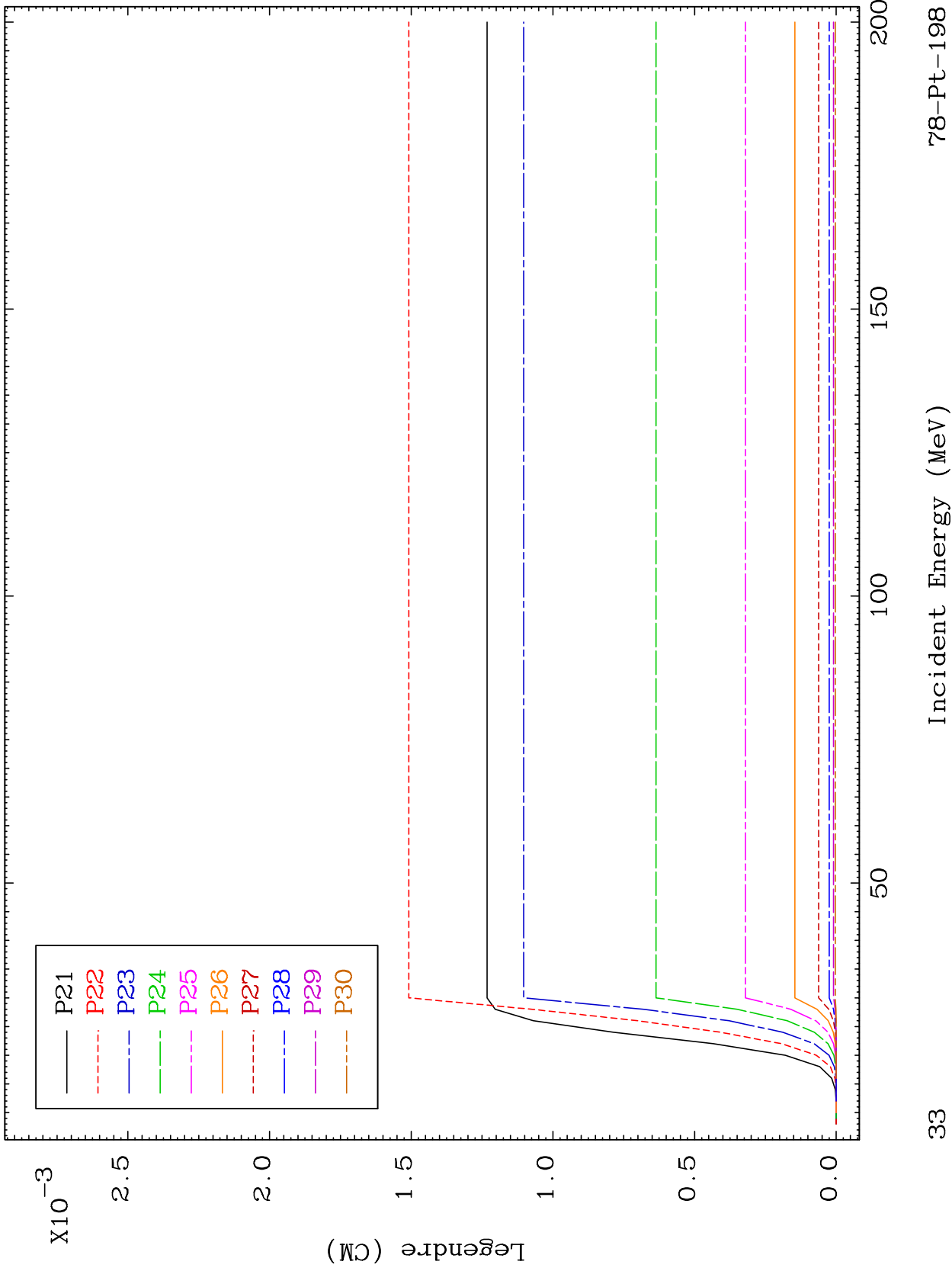
MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-198



31

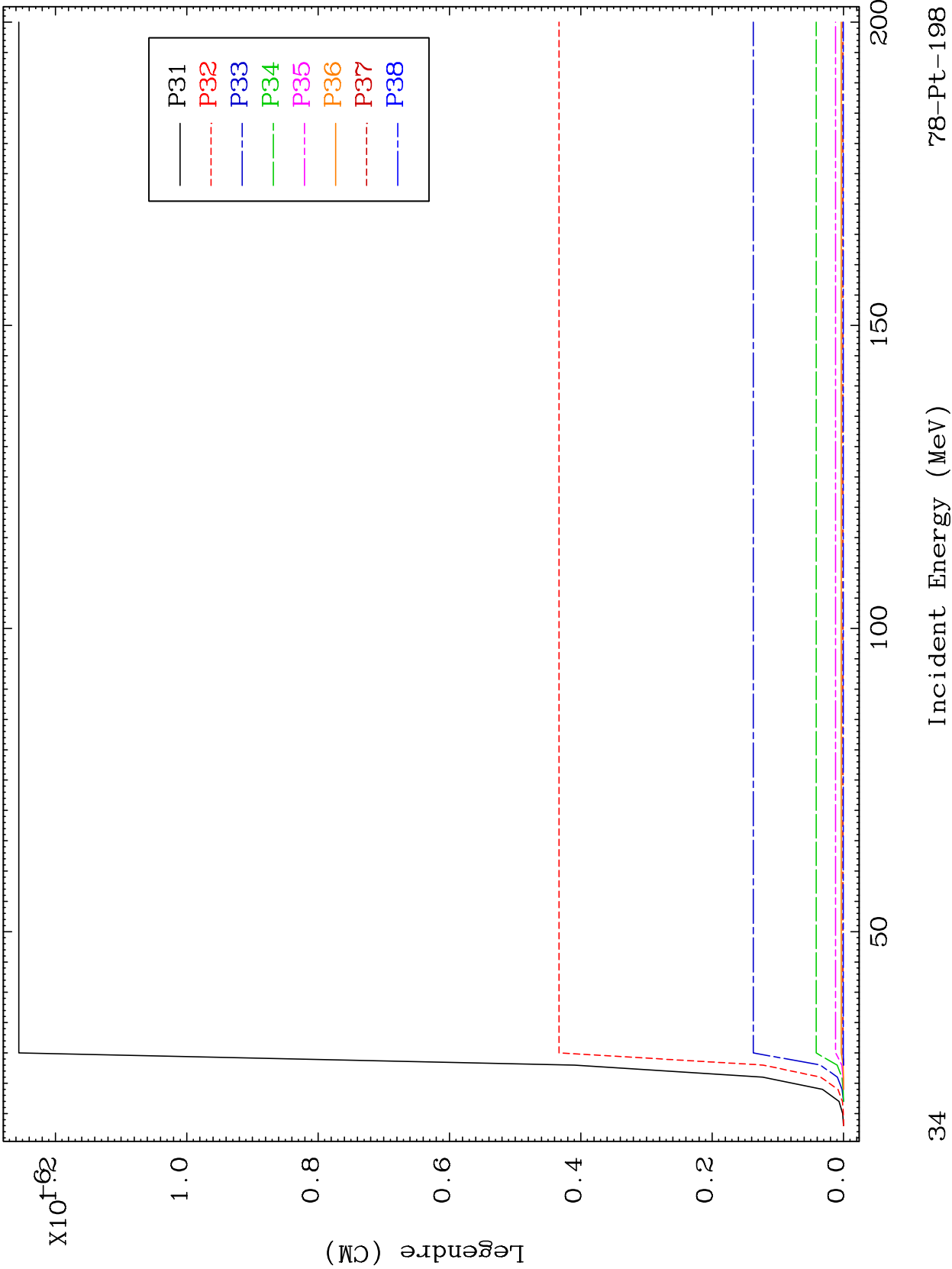
78-Pt-198



MAT 7849

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

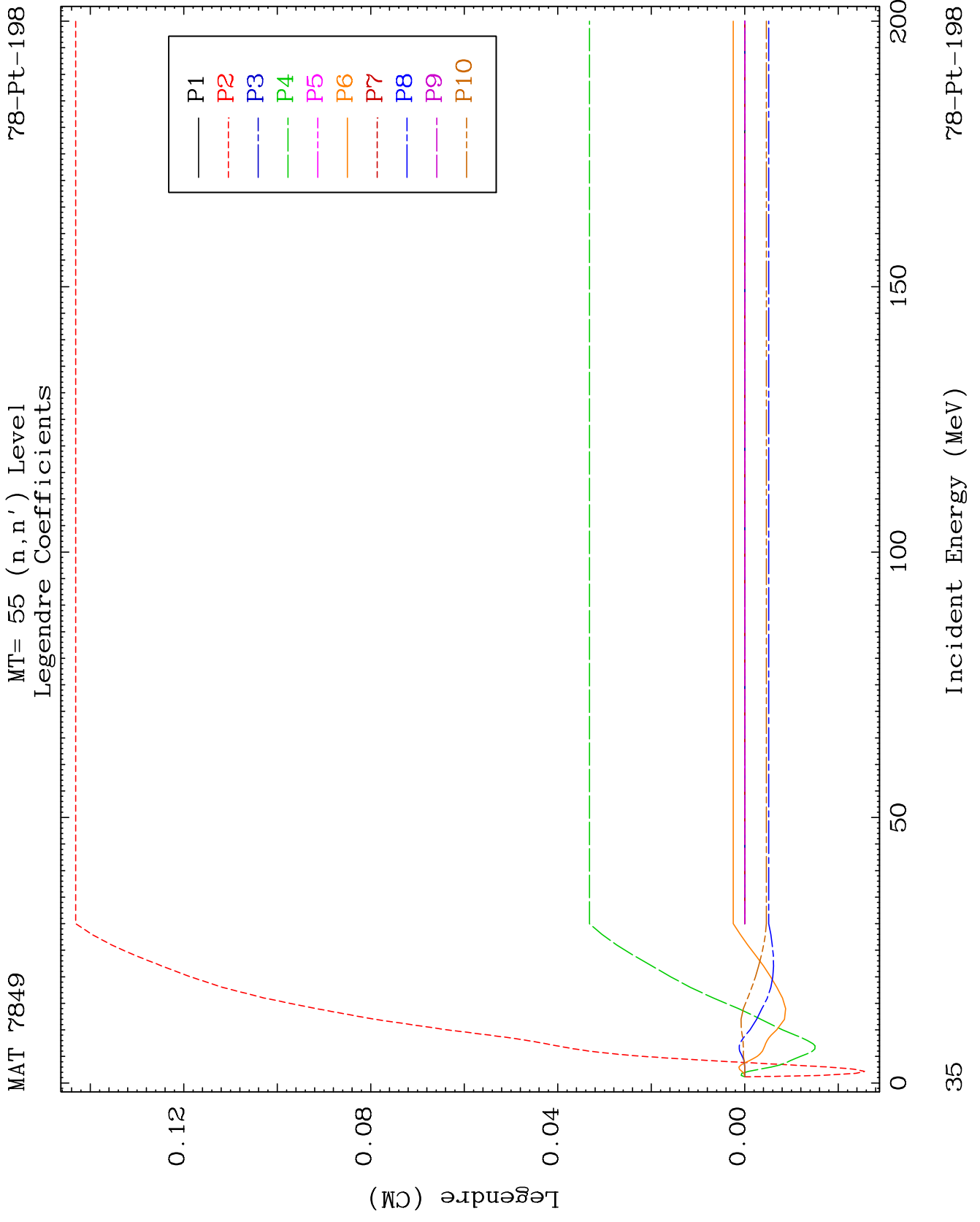
78-Pt-198



34

Incident Energy (MeV)

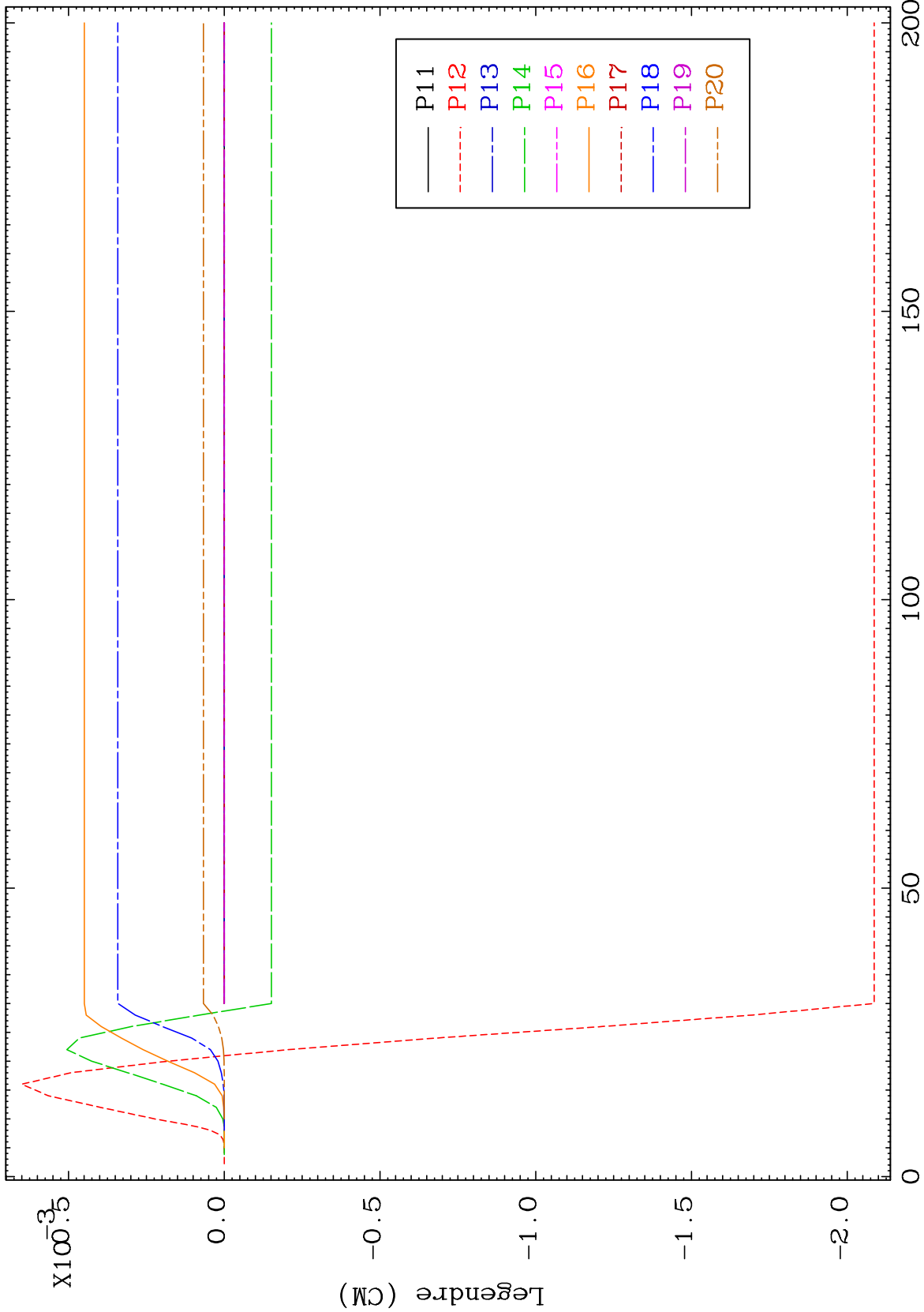
78-Pt-198



MAT 7849

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

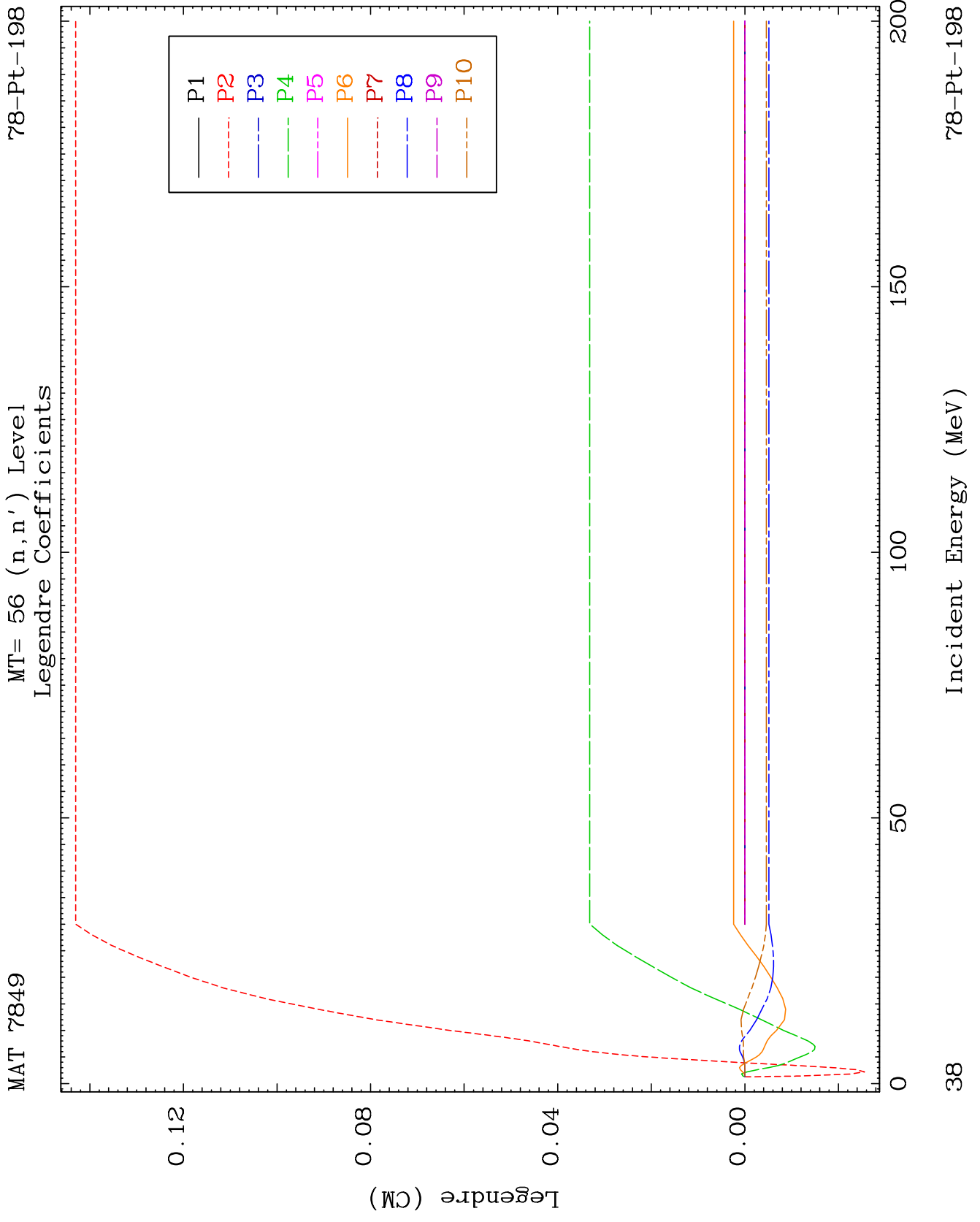
78-Pt-198



36

Incident Energy (MeV)

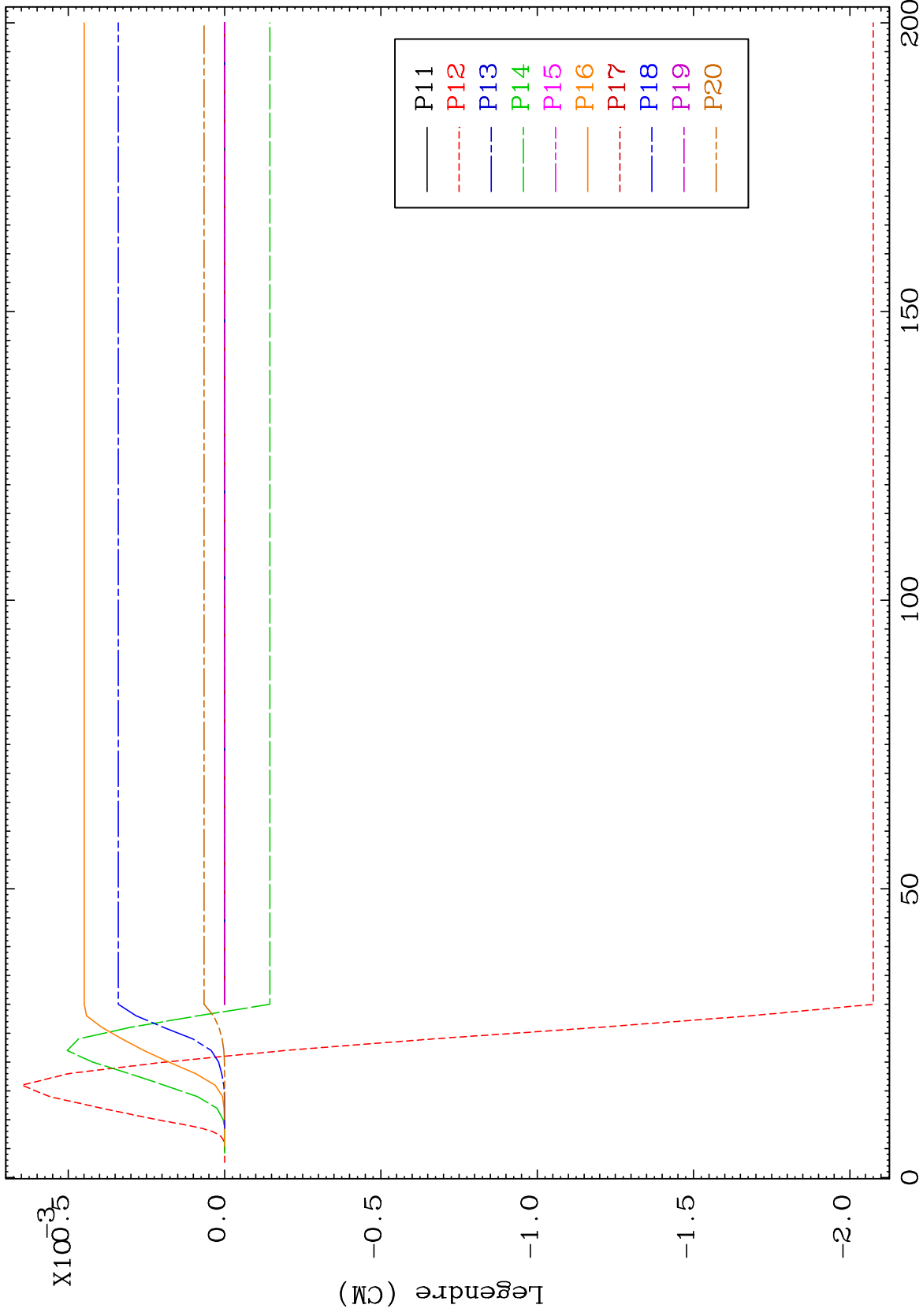
78-Pt-198



MAT 7849

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

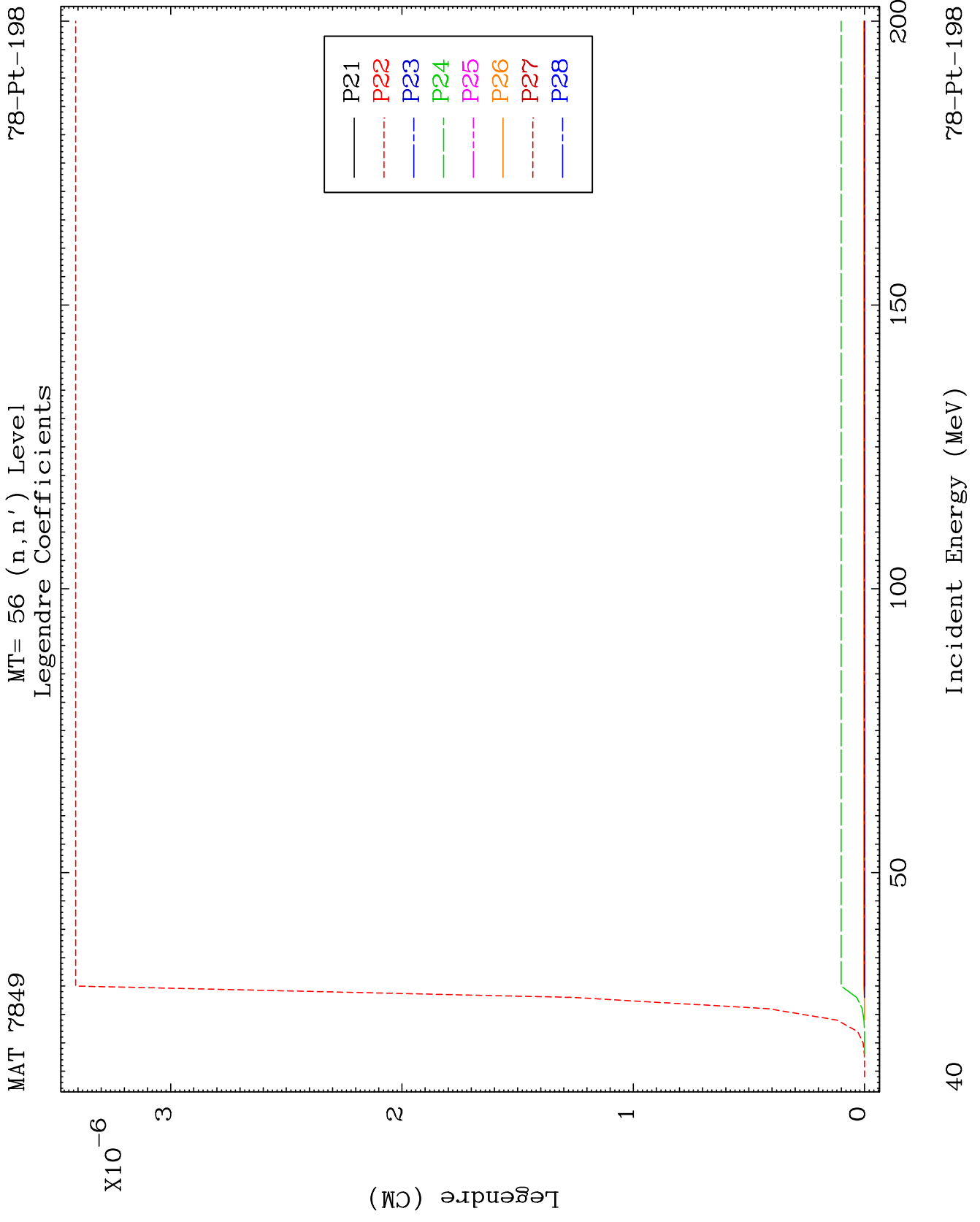
78-Pt-198



39

Incident Energy (MeV)

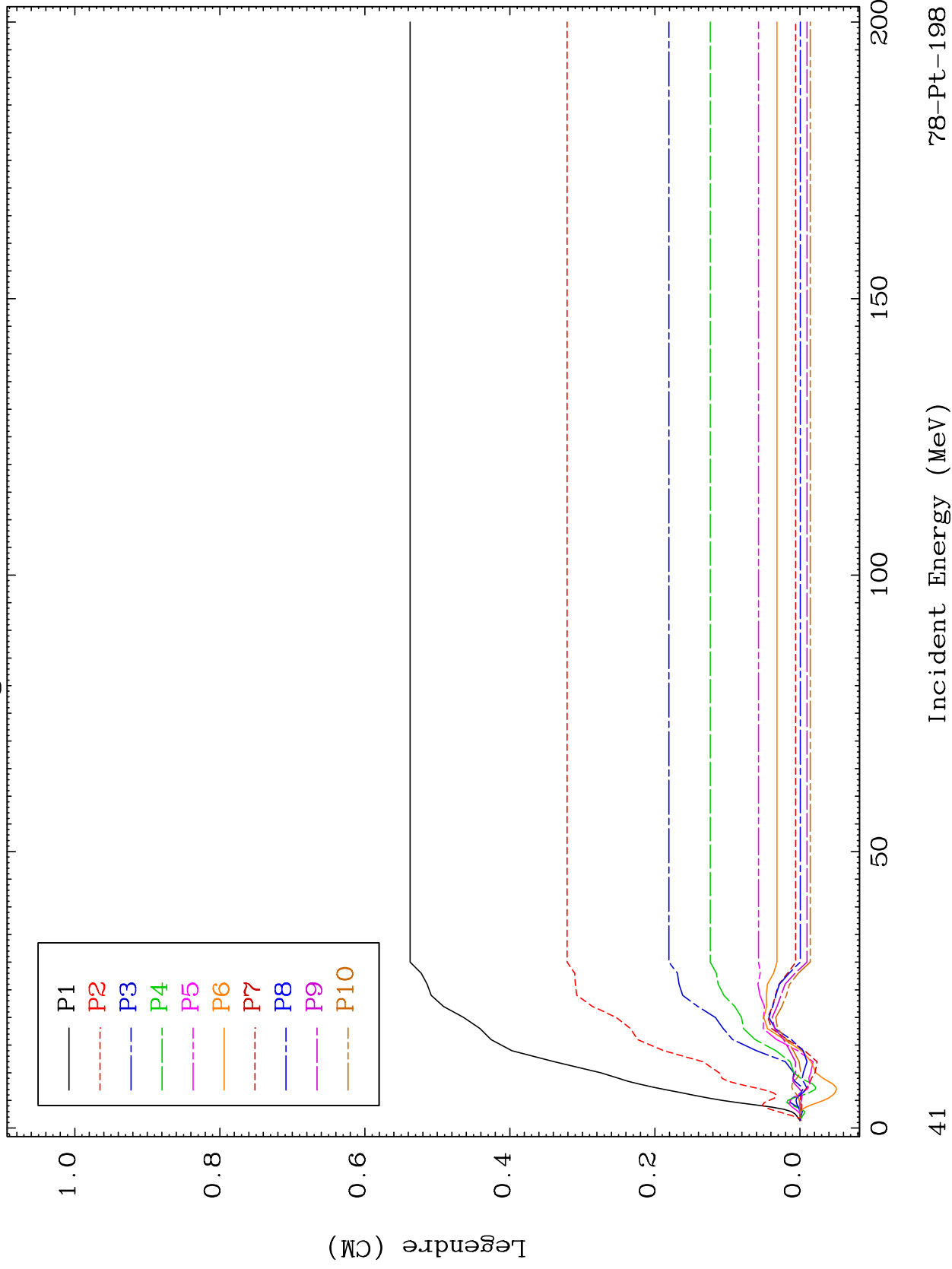
78-Pt-198



MAT 7849

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

78-Pt-198



41

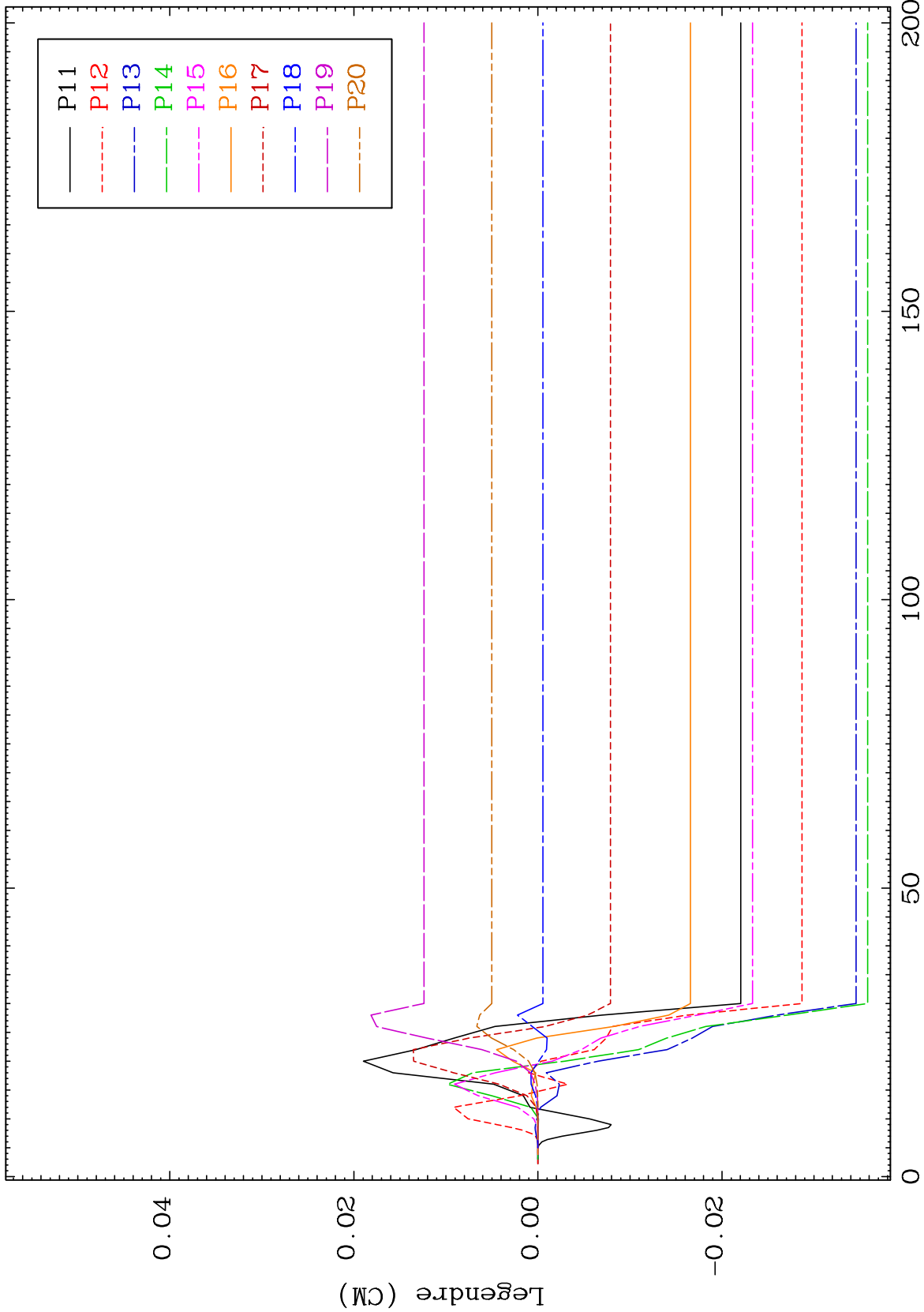
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



42

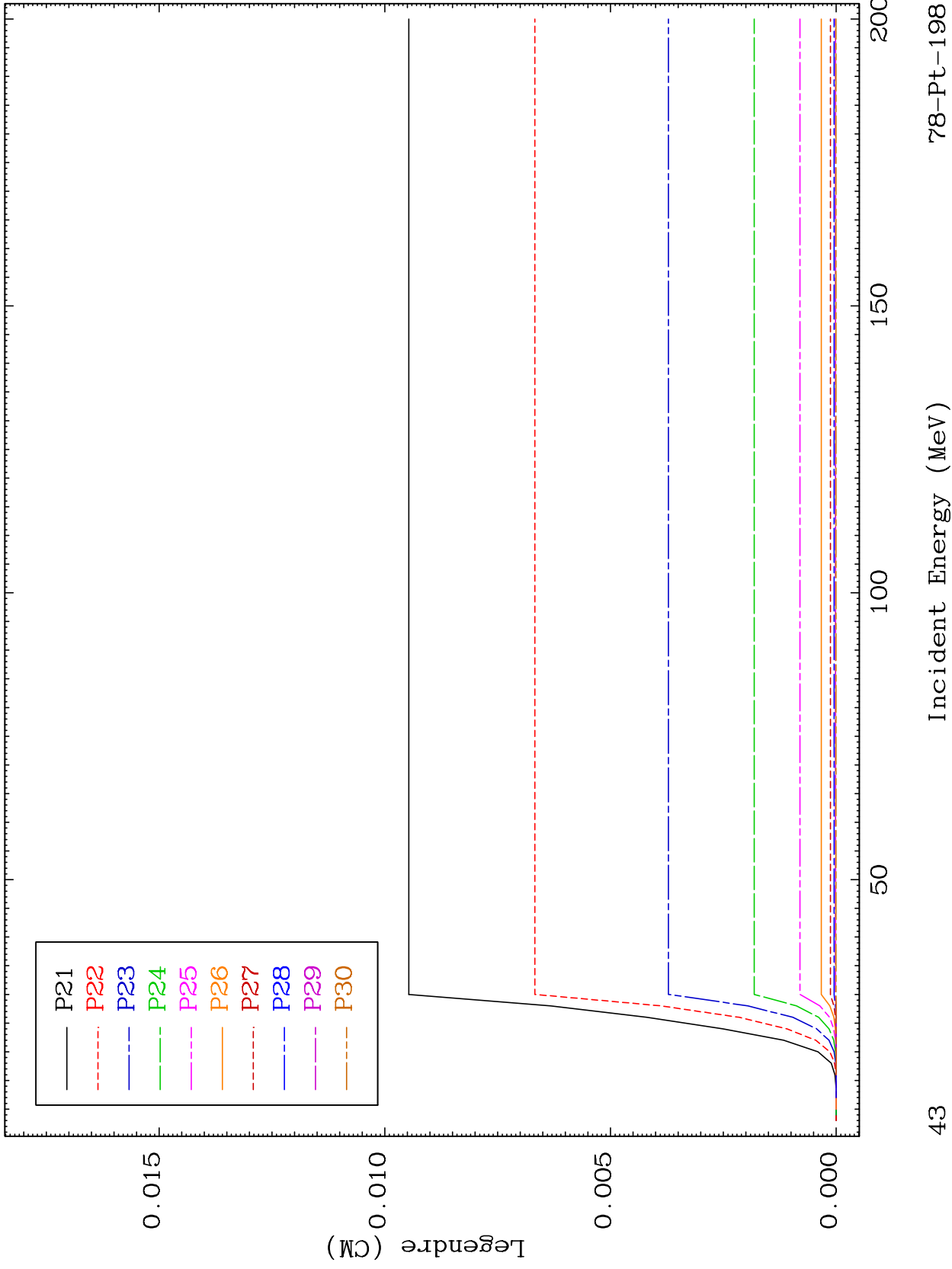
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



43

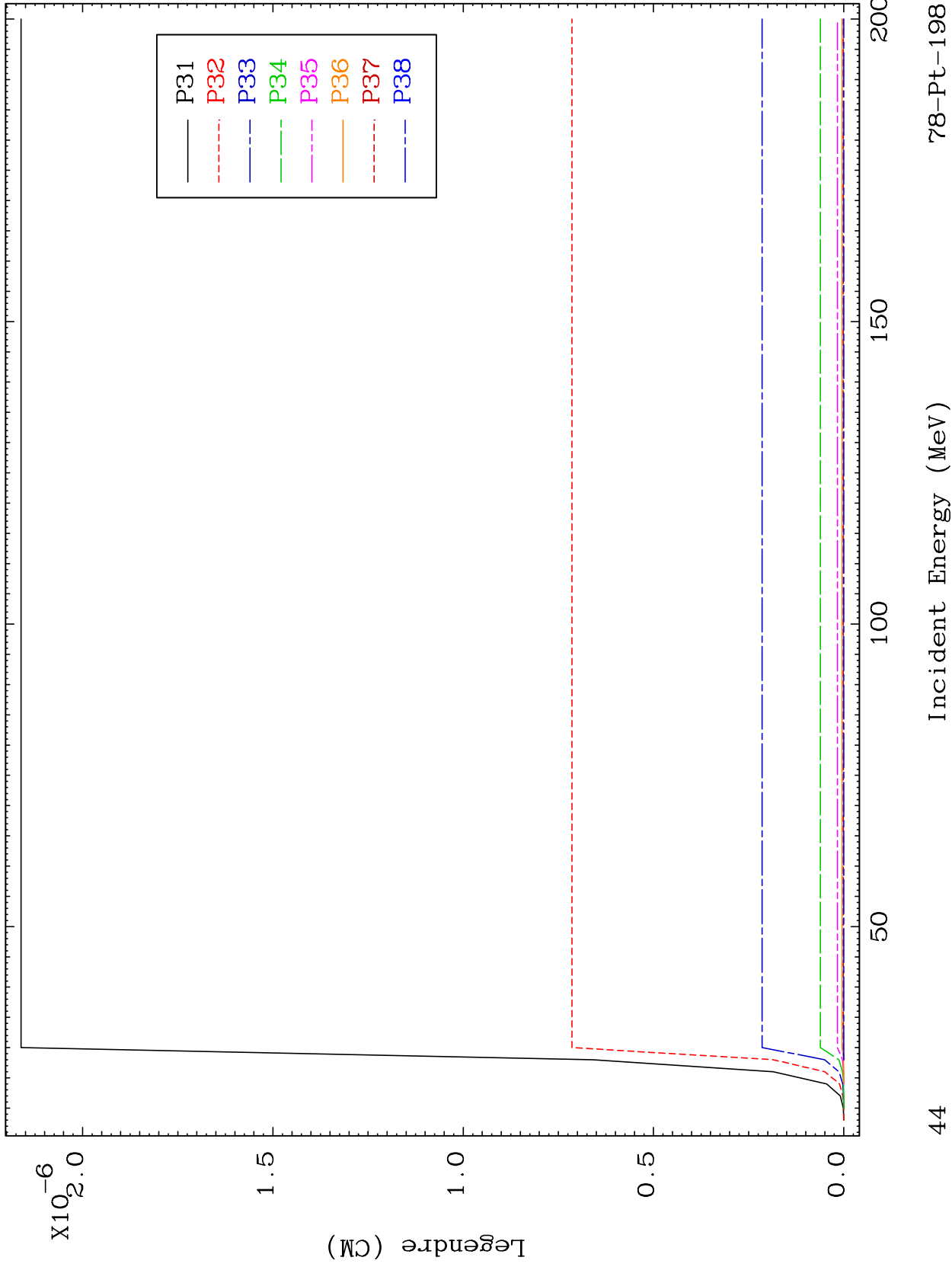
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

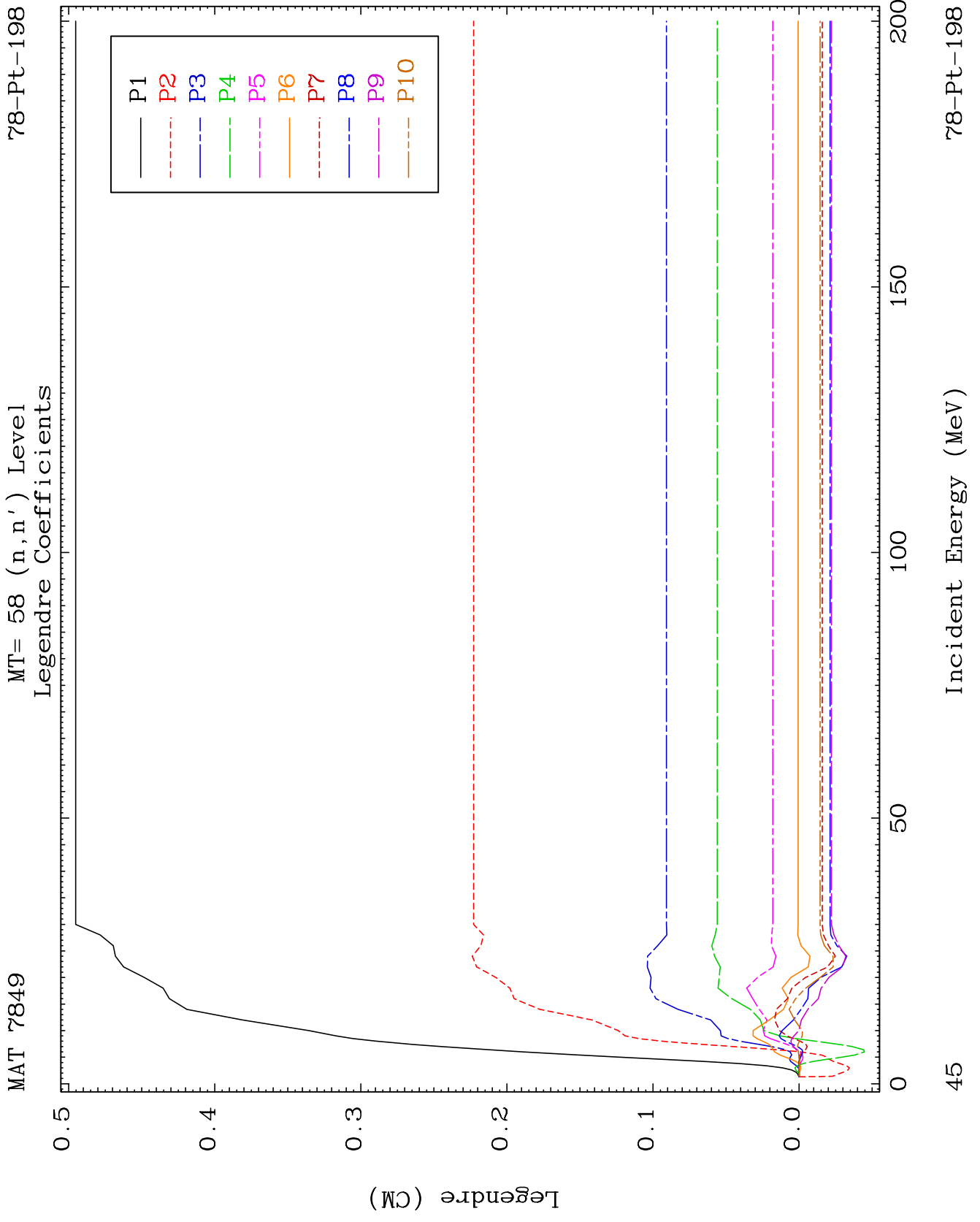
78-Pt-198



44

Incident Energy (MeV)

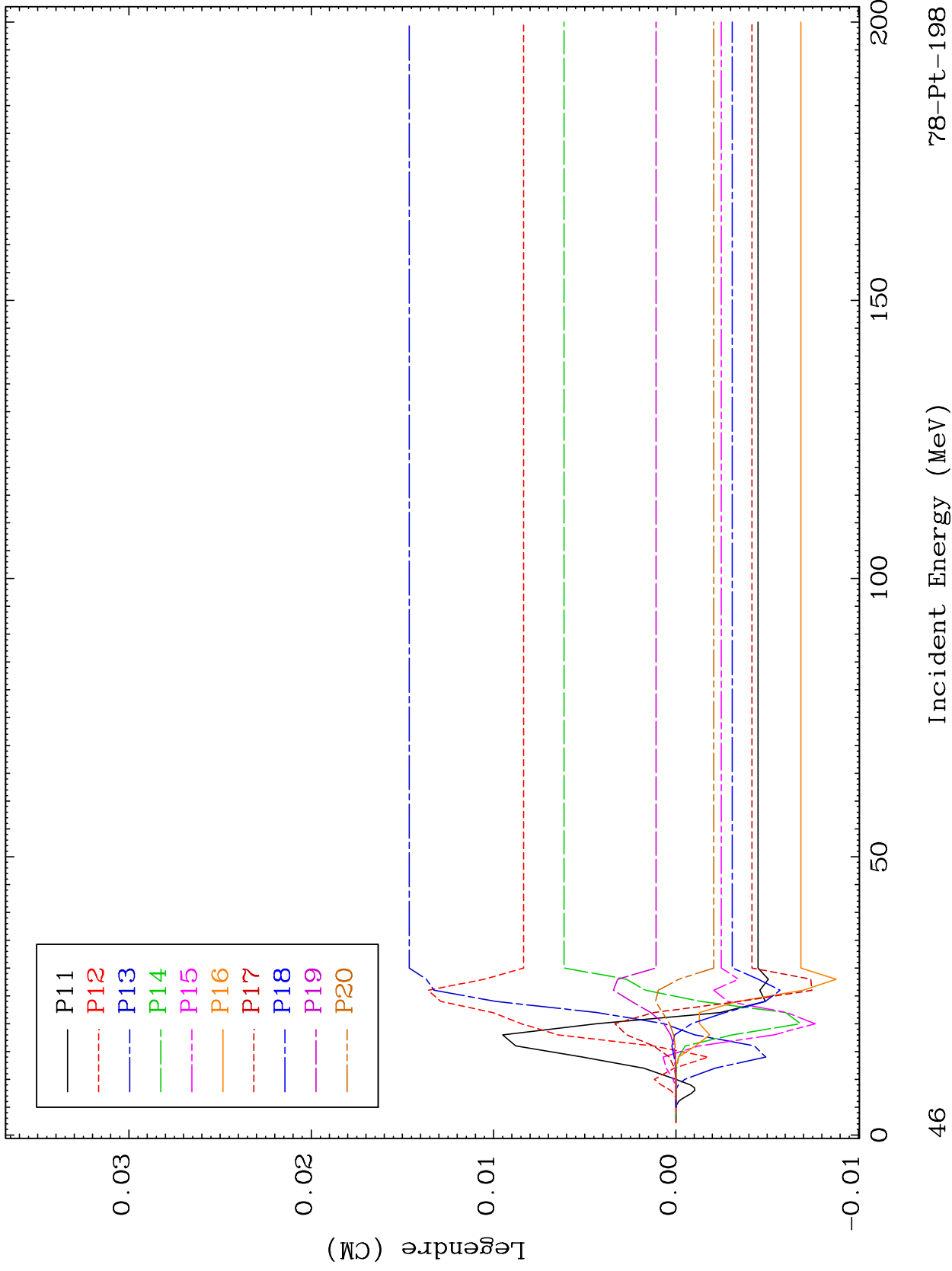
78-Pt-198



MAT 7849

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

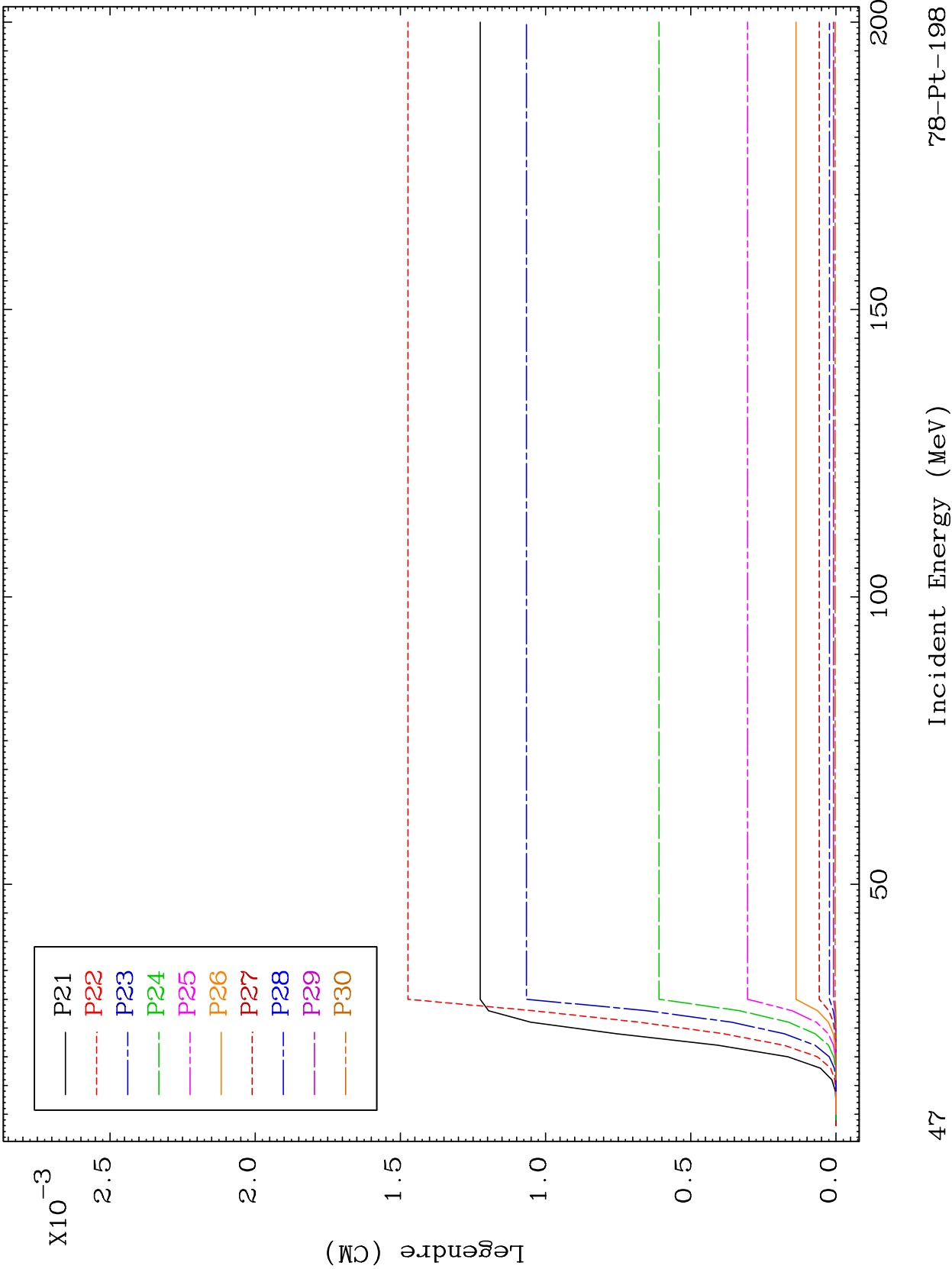
78-Pt-198



46

Incident Energy (MeV)

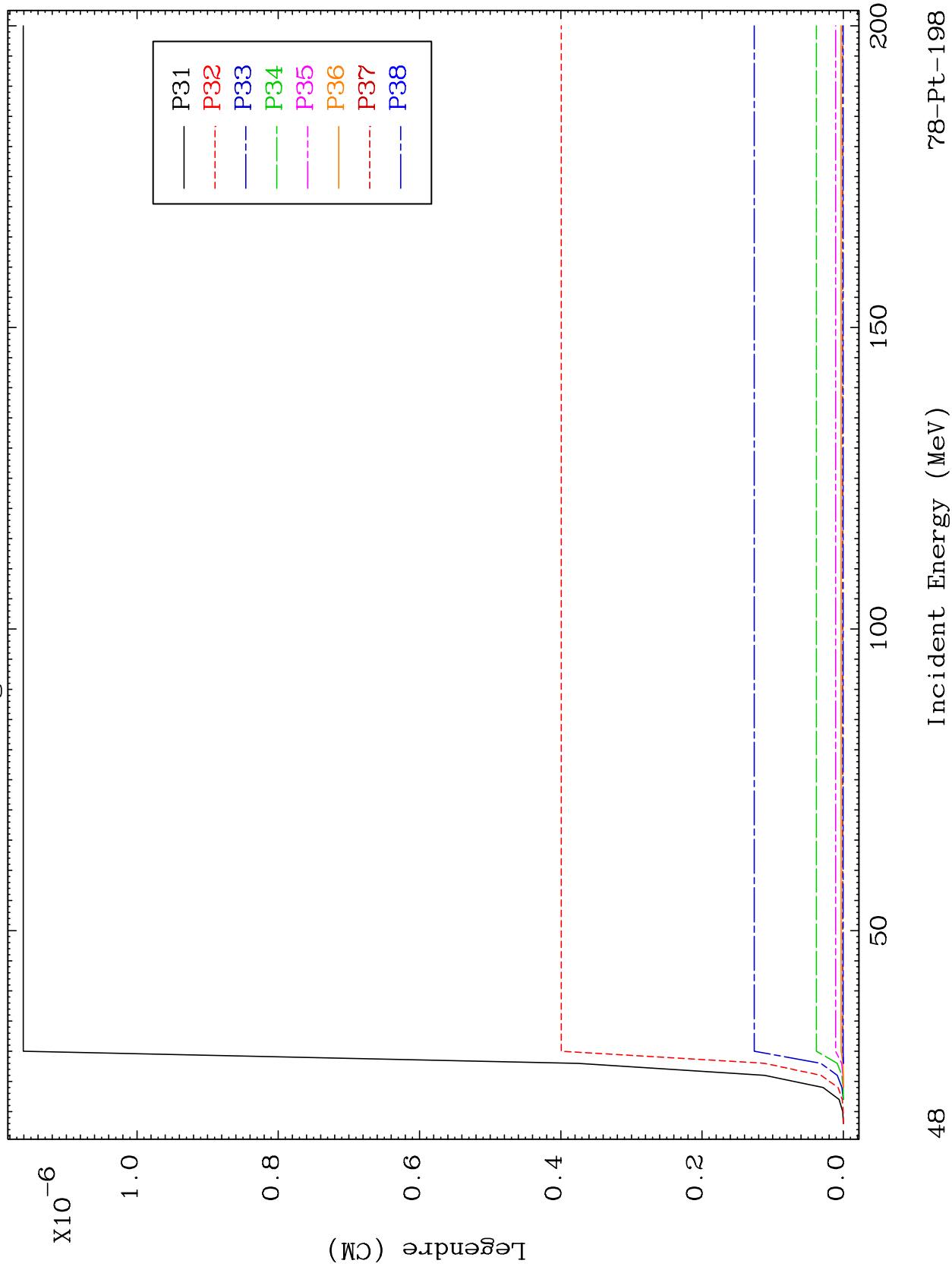
78-Pt-198



MAT 7849

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

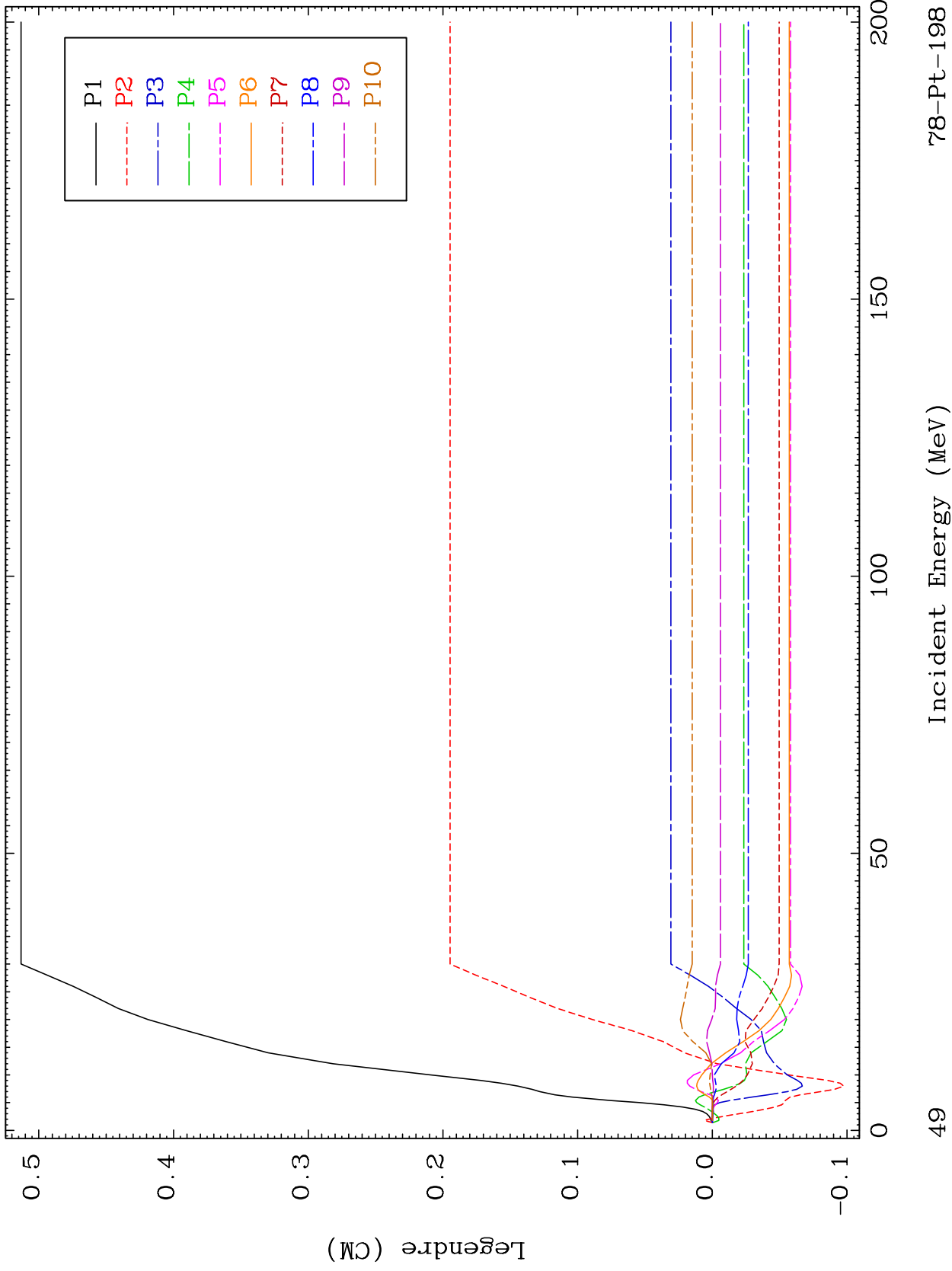
78-Pt-198



MAT 7849

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

78-Pt-198



78-Pt-198

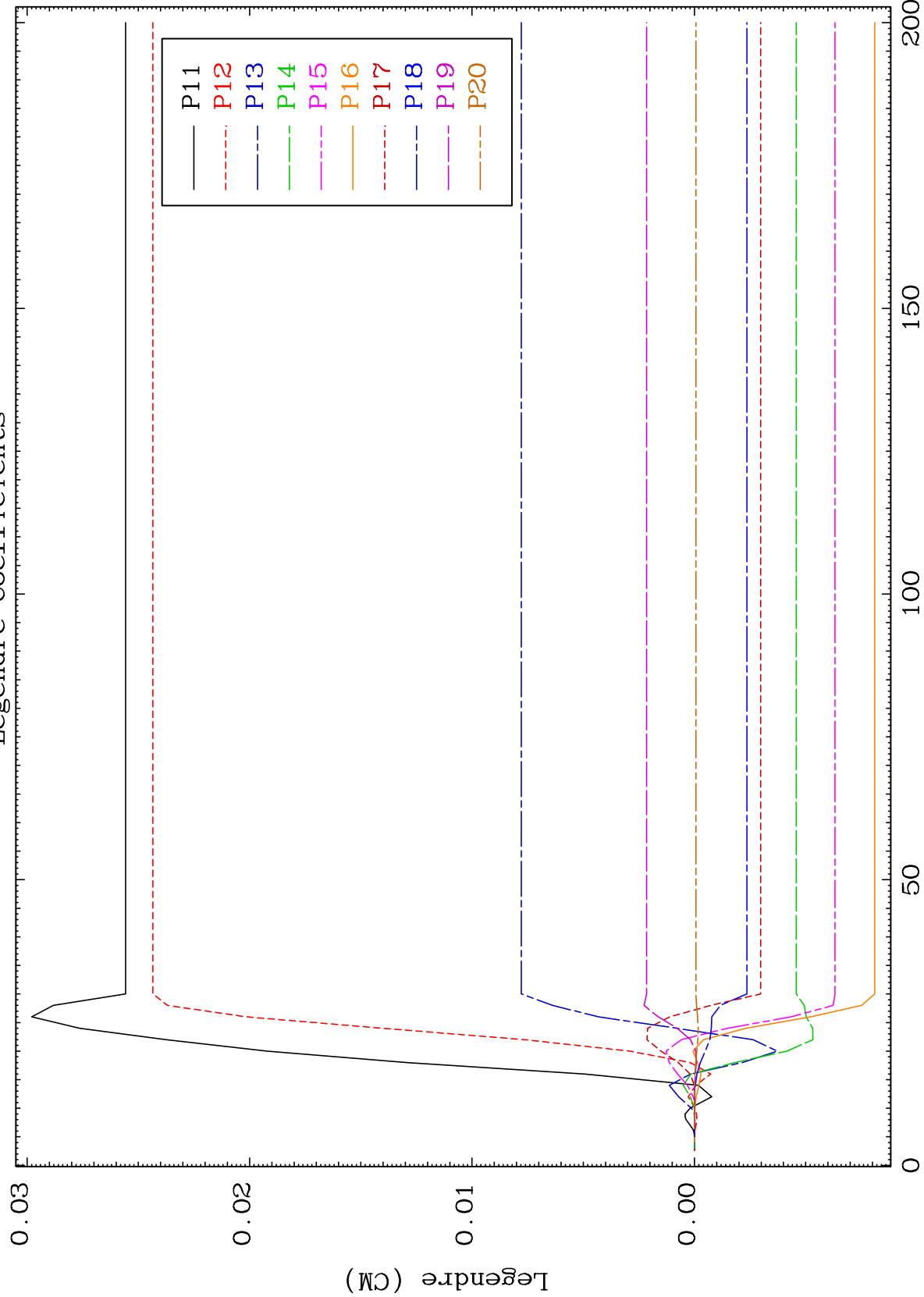
Incident Energy (MeV)

49

MAT 7849

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

78-Pt-198



78-Pt-198

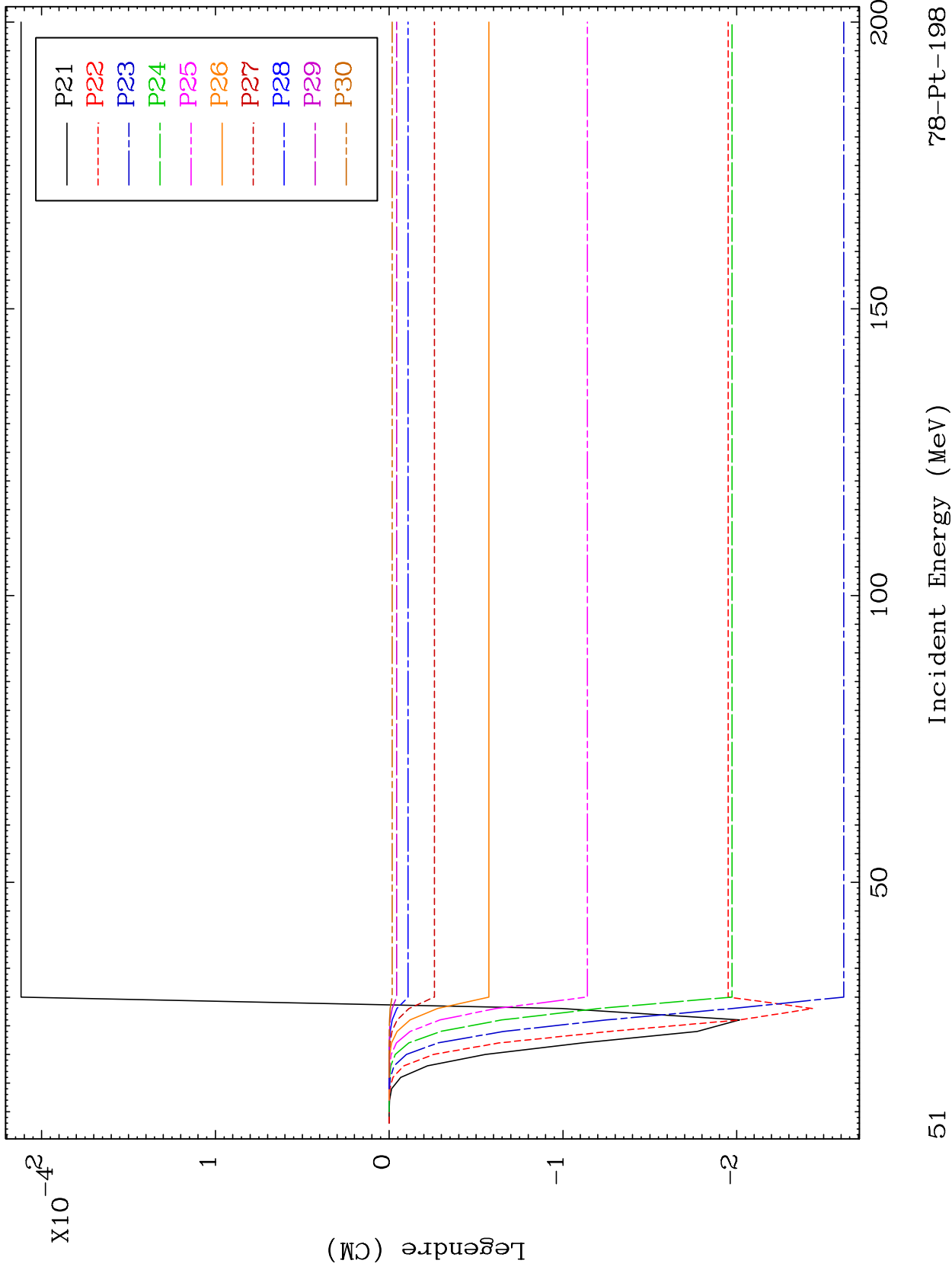
Incident Energy (MeV)

50

MAT 7849

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

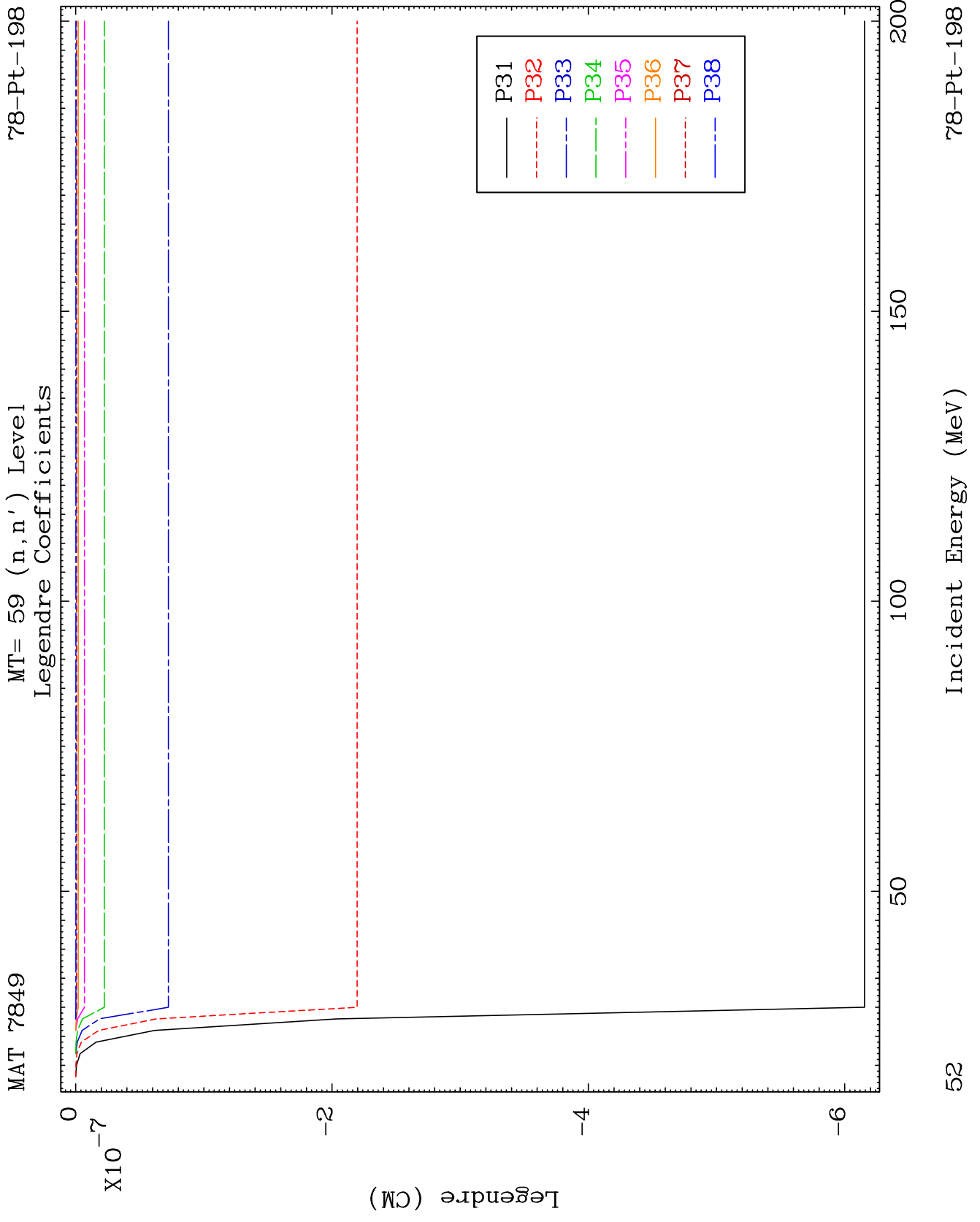
78-Pt-198



51

Incident Energy (MeV)

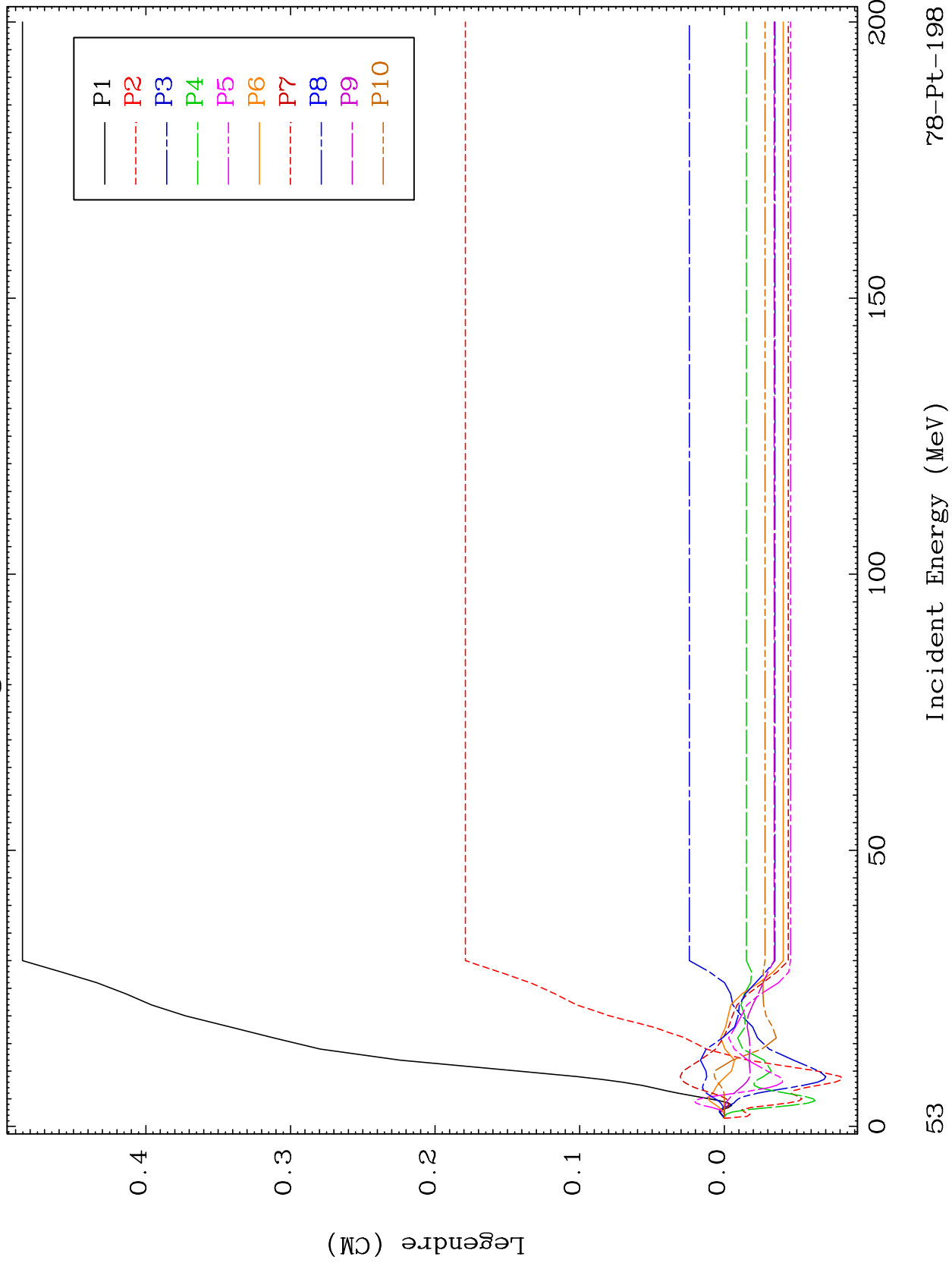
78-Pt-198



MAT 7849

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

78-Pt-198



78-Pt-198

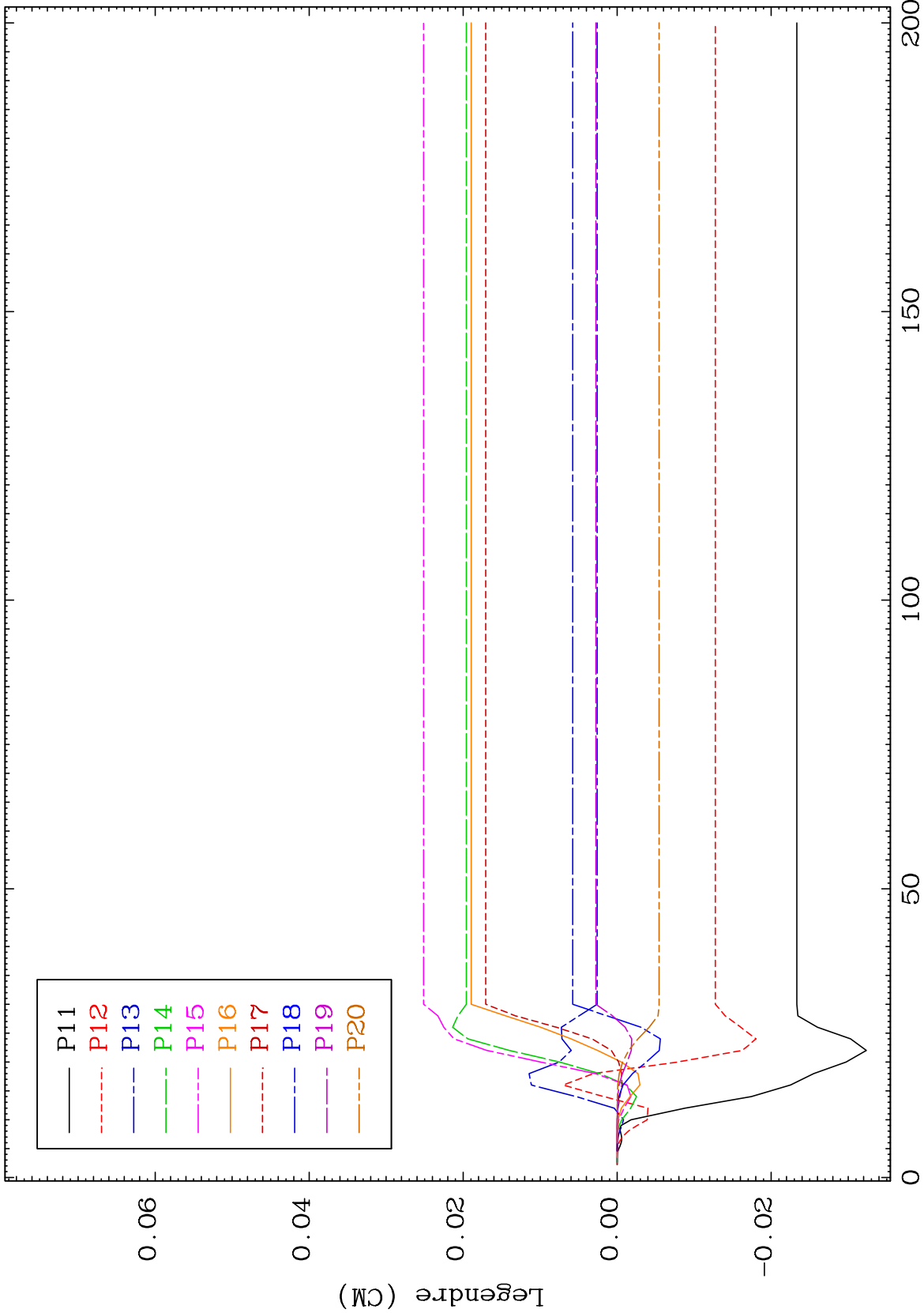
Incident Energy (MeV)

53

MAT 7849

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

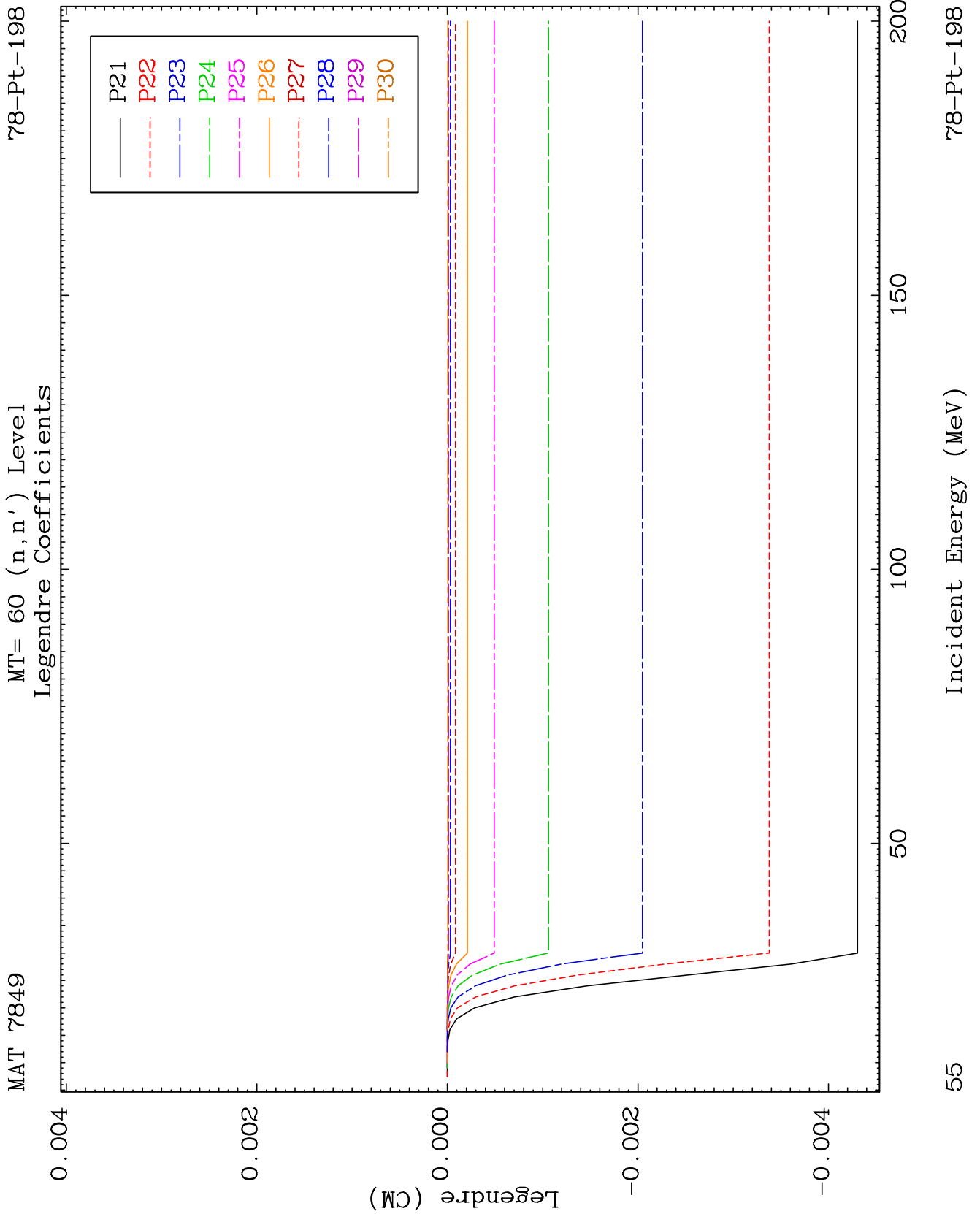
78-Pt-198

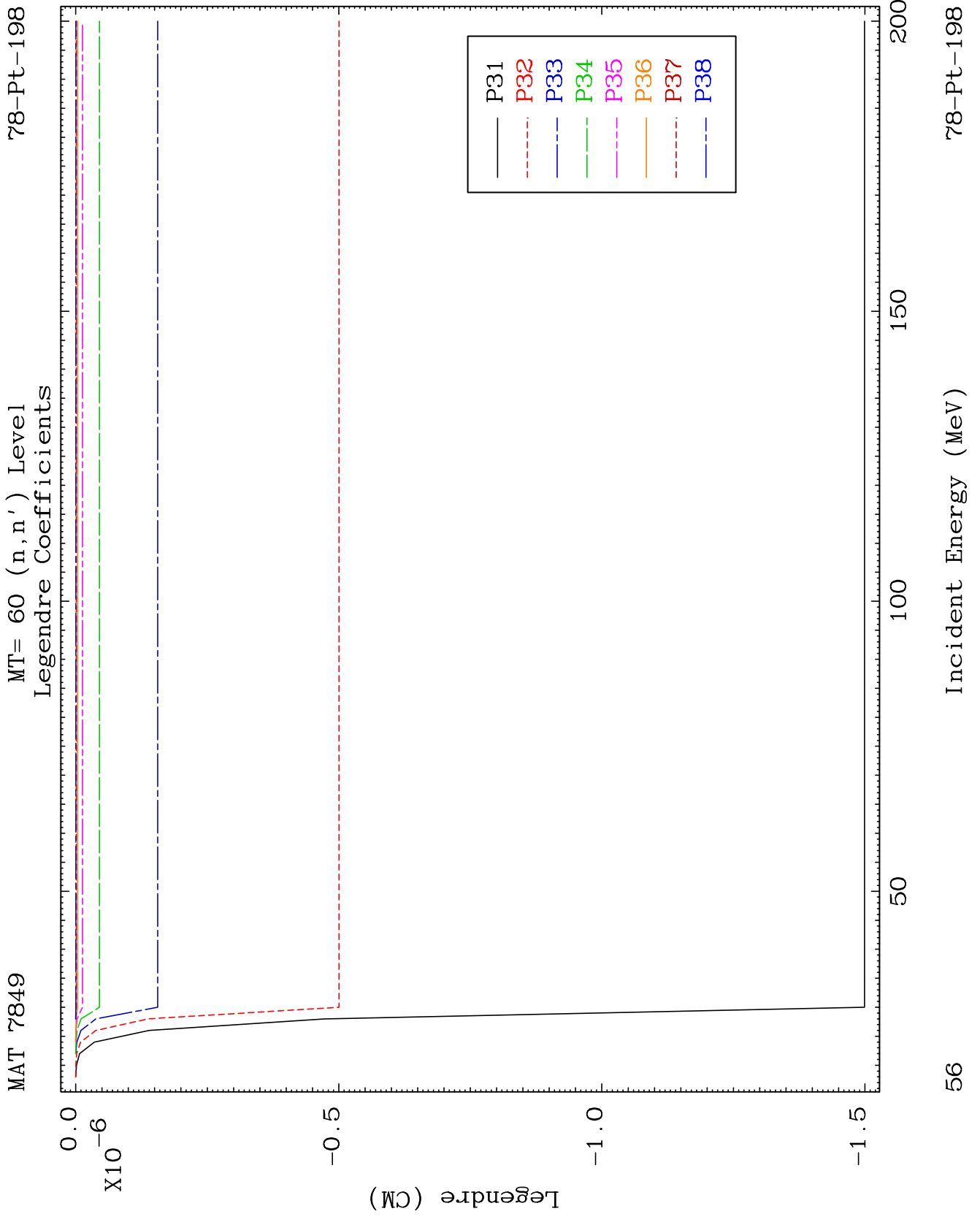


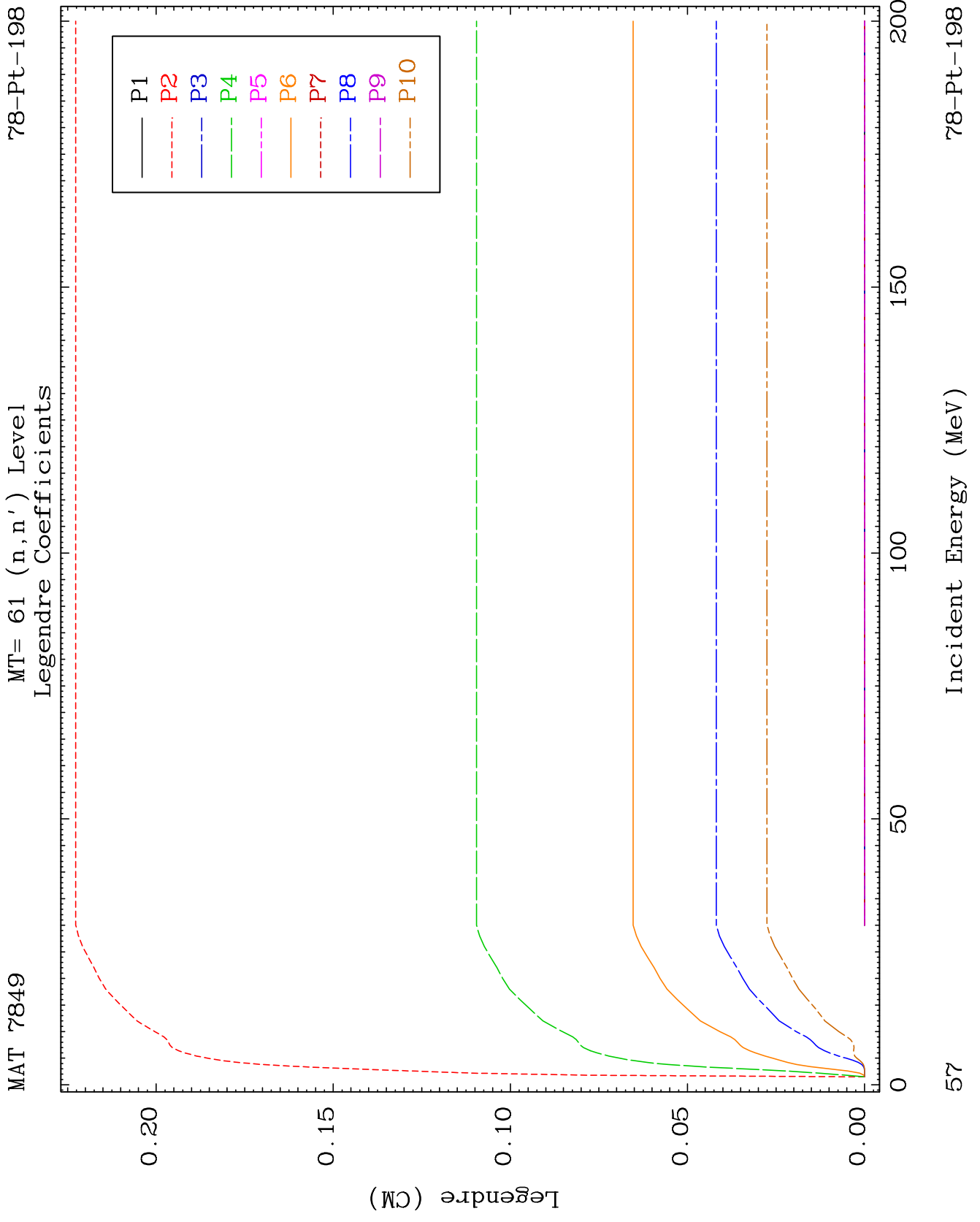
54

Incident Energy (MeV)

78-Pt-198



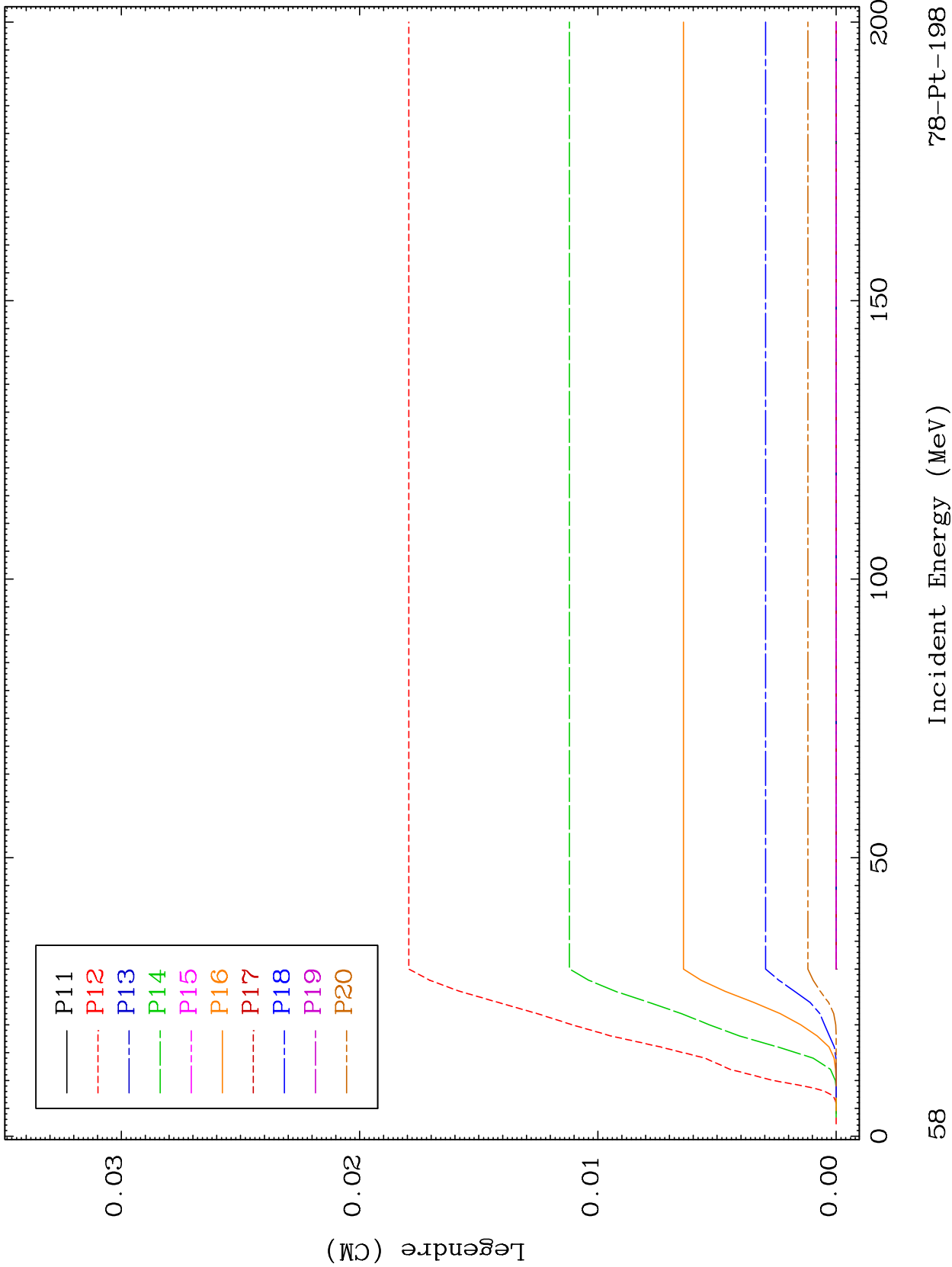




MAT 7849

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

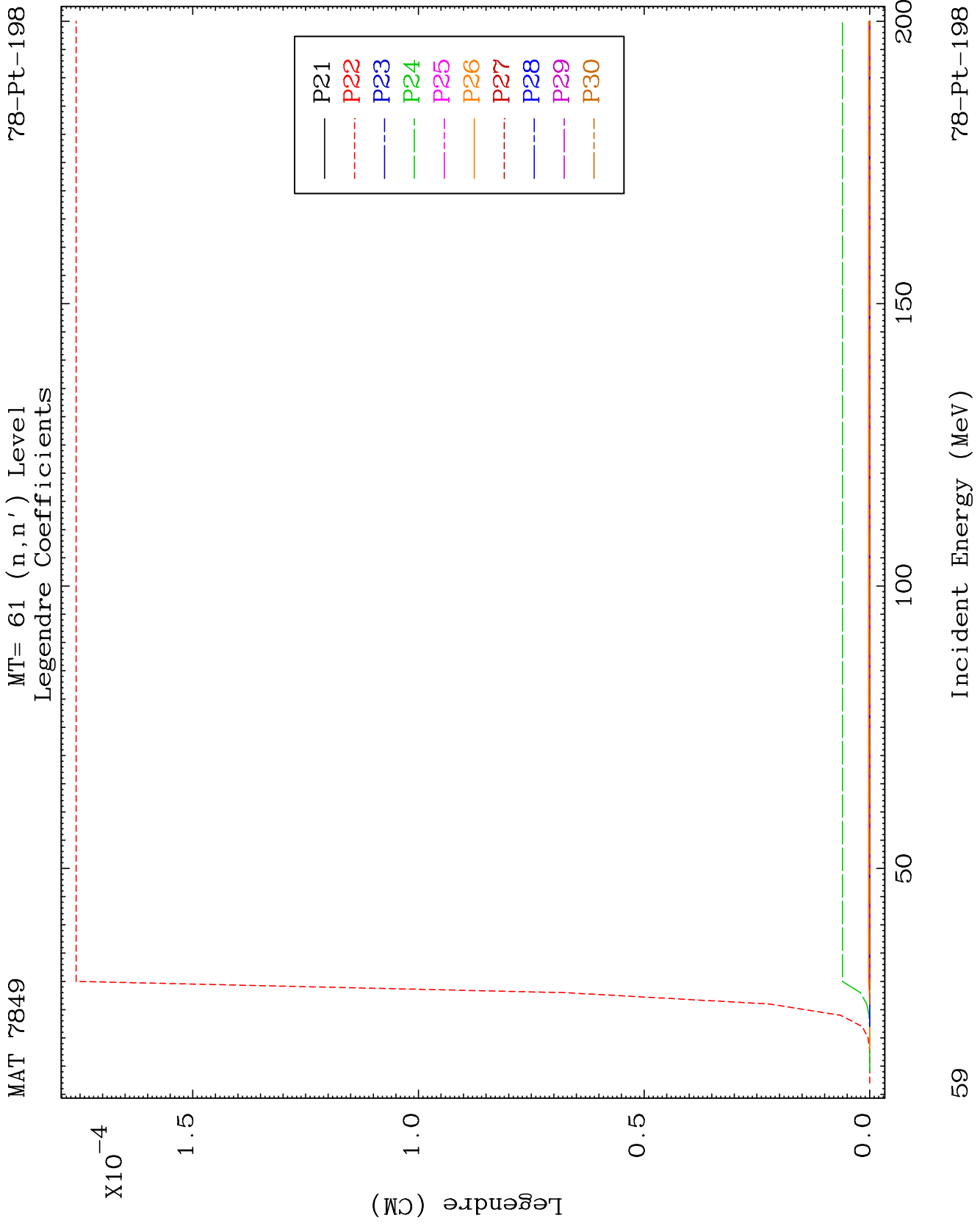
78-Pt-198



58

Incident Energy (MeV)

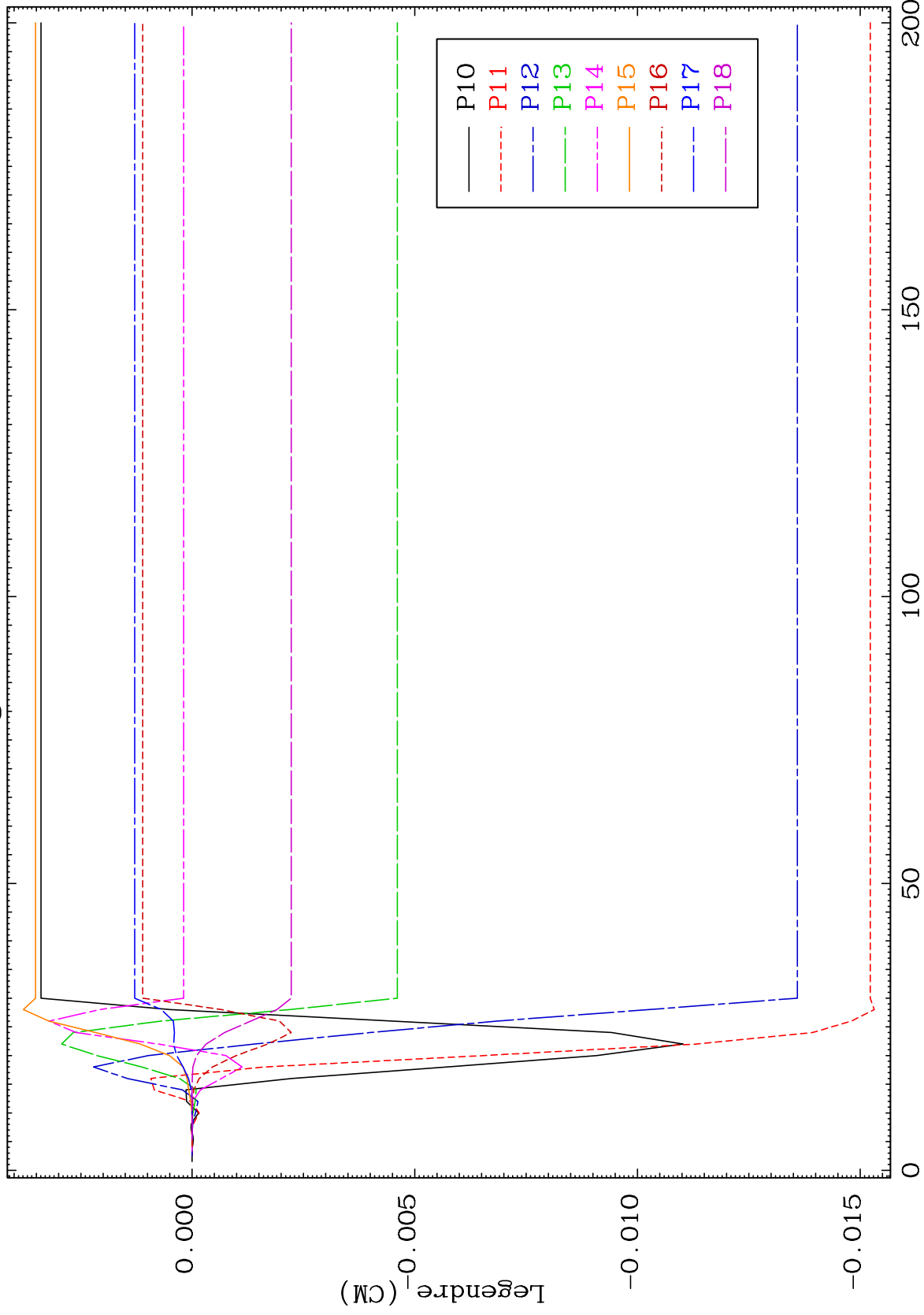
78-Pt-198



MAT 7849

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

78-Pt-198



61

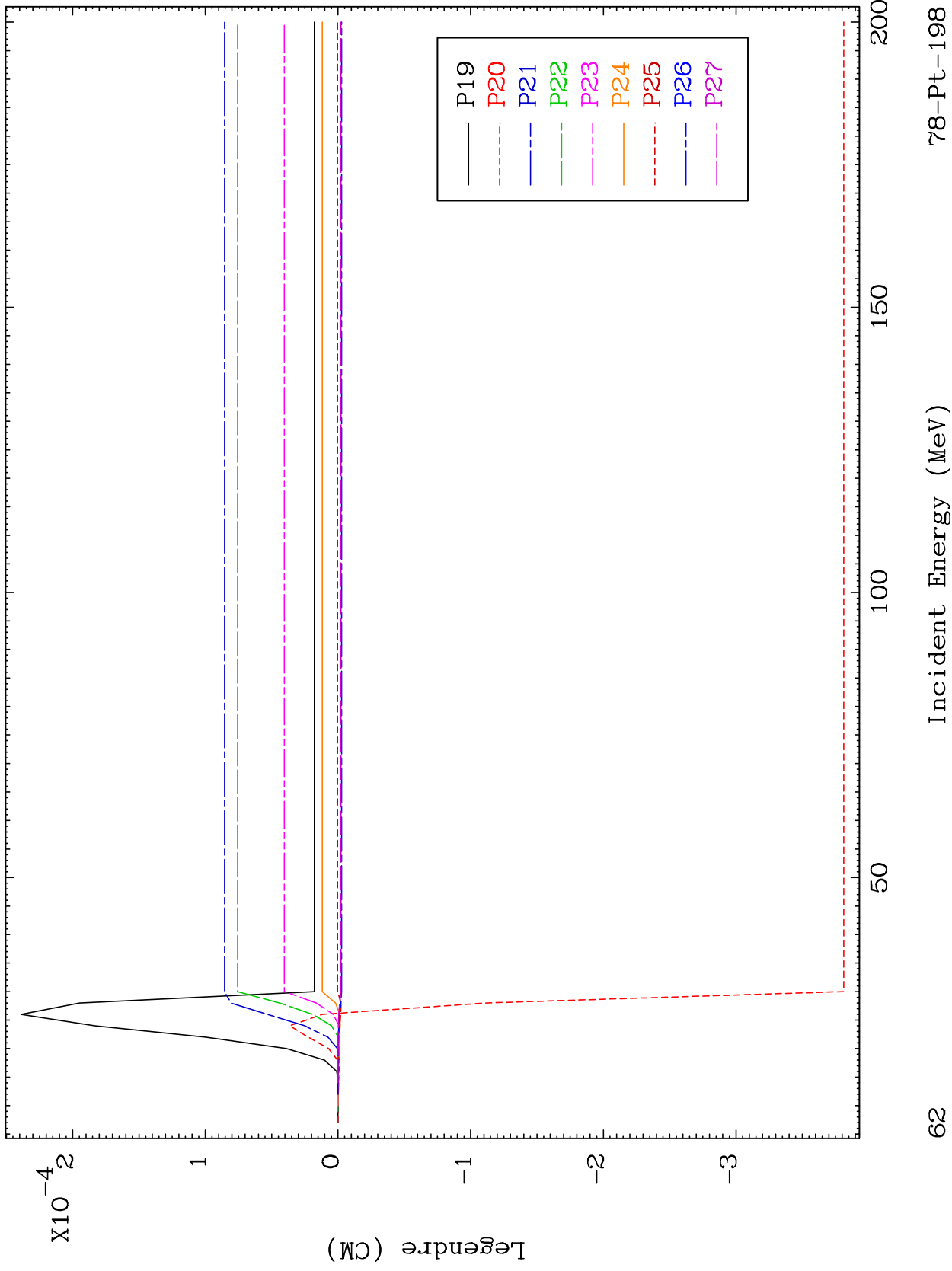
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



62

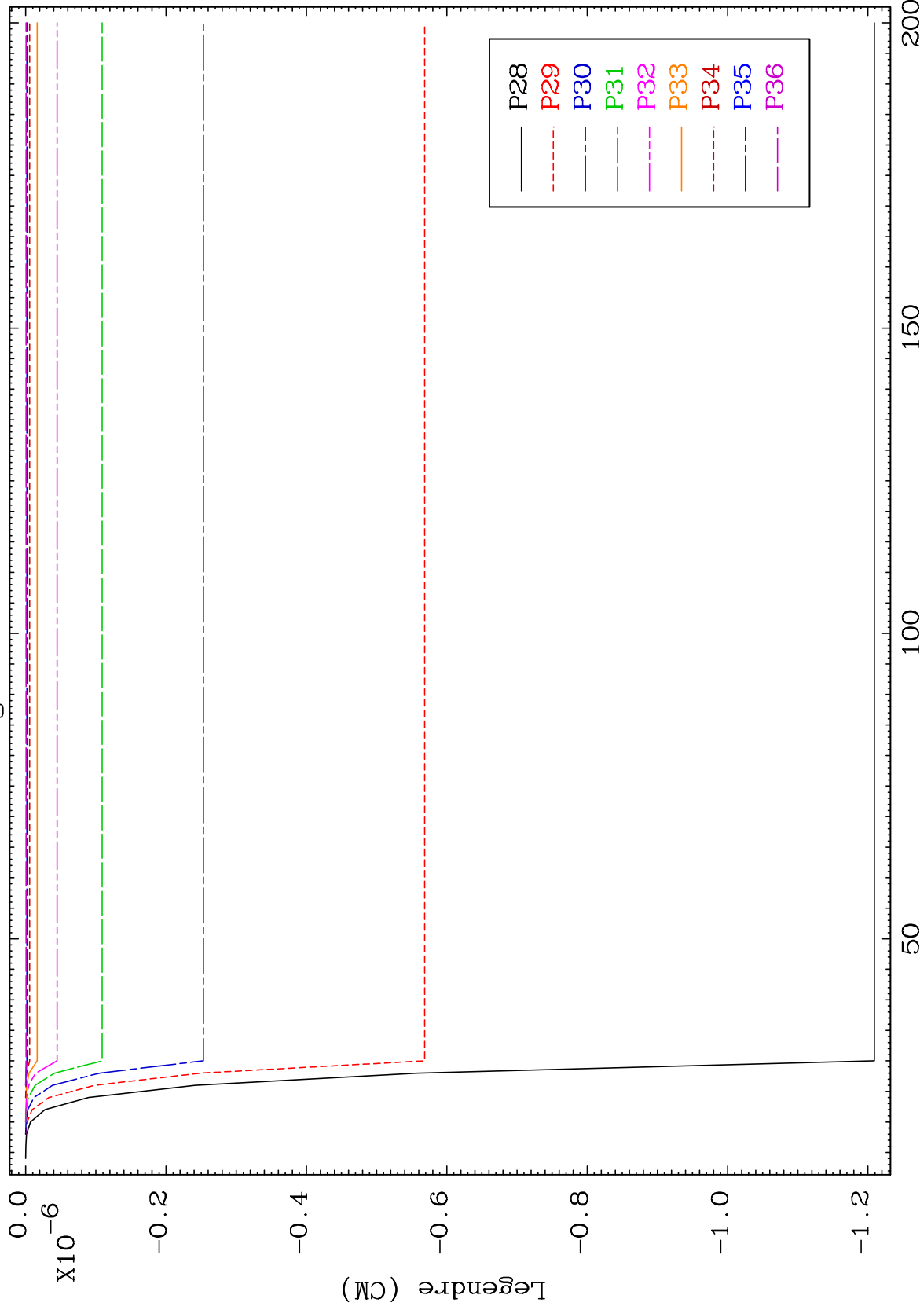
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



63

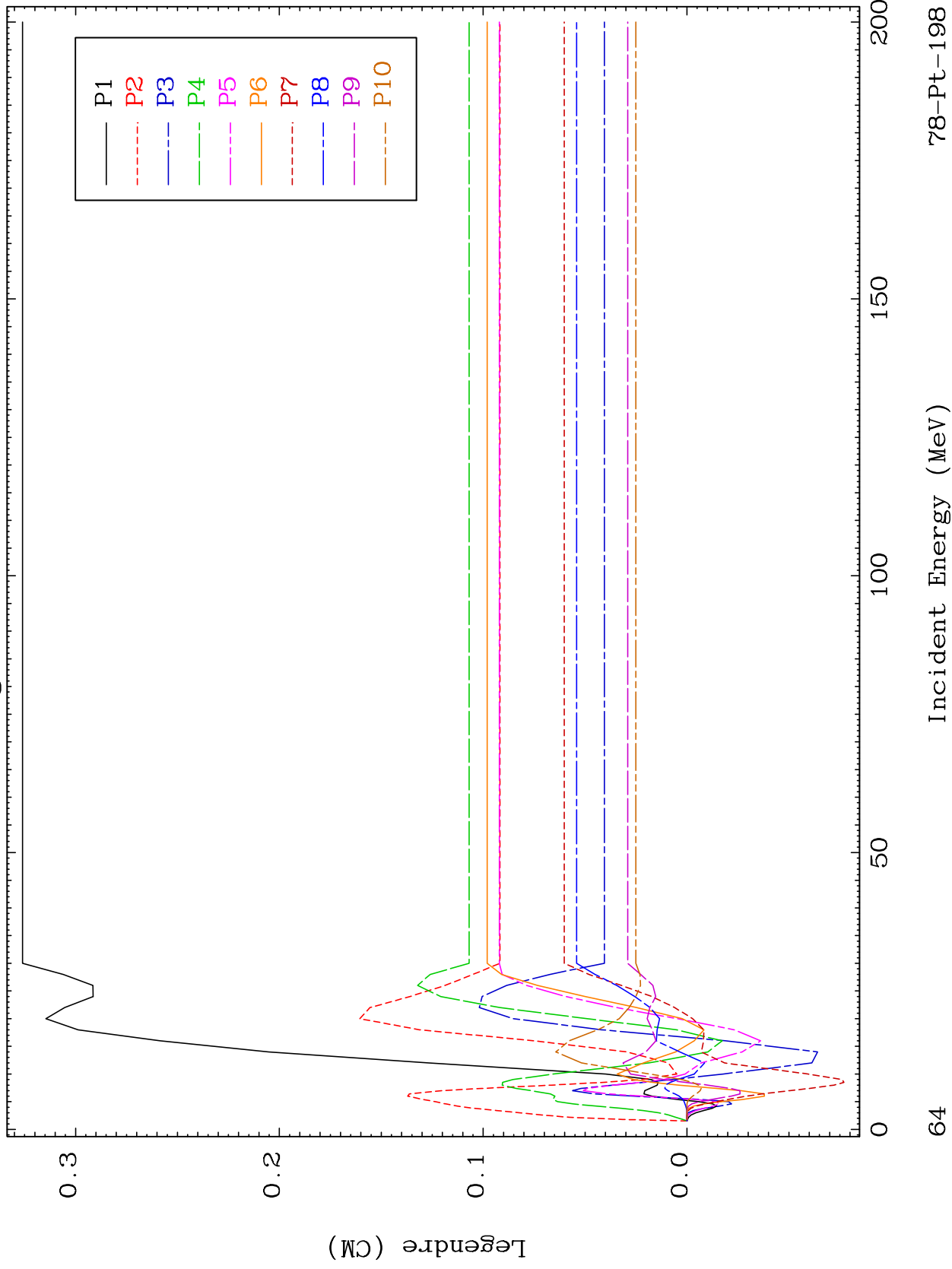
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

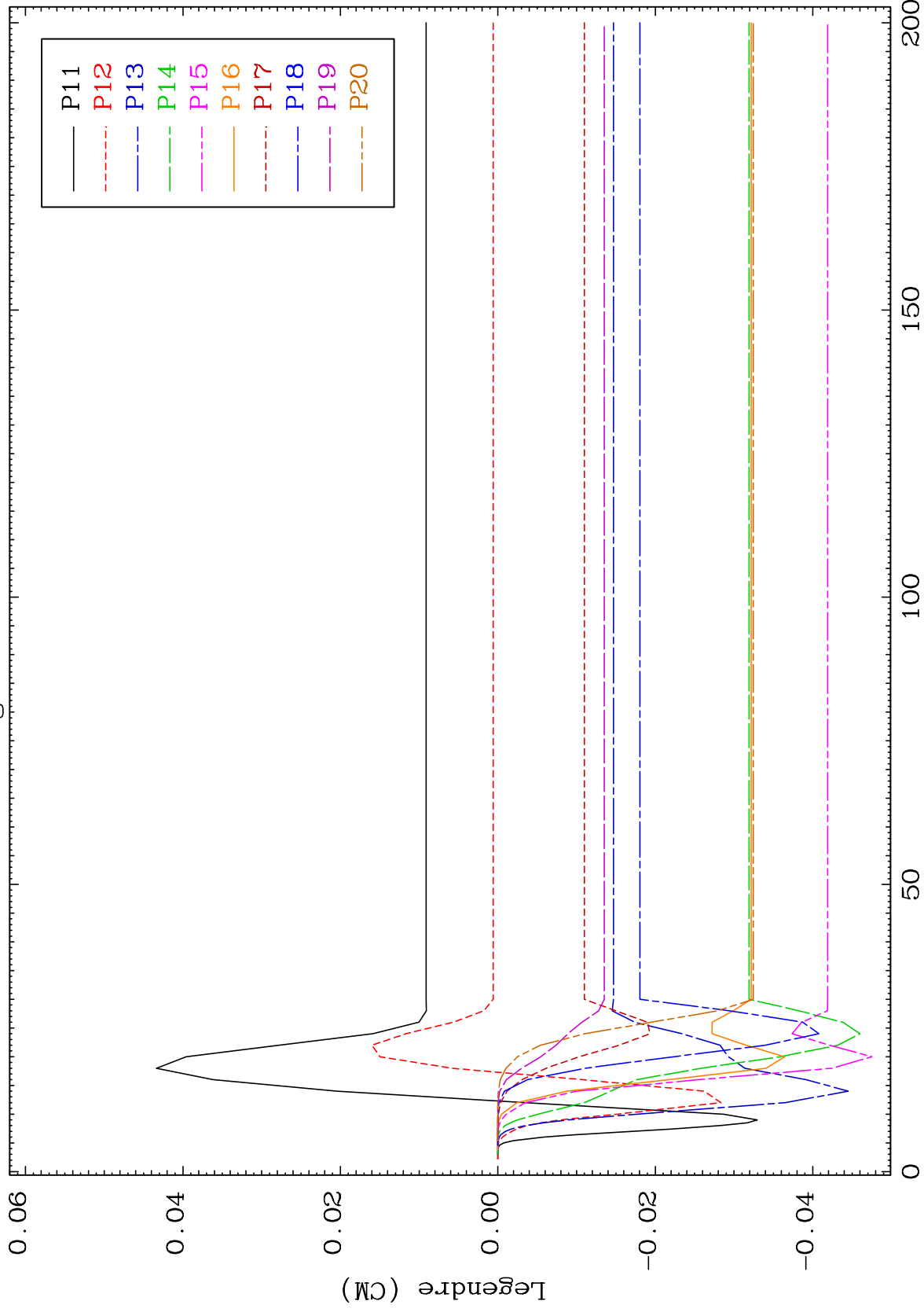
Incident Energy (MeV)

64

MAT 7849

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

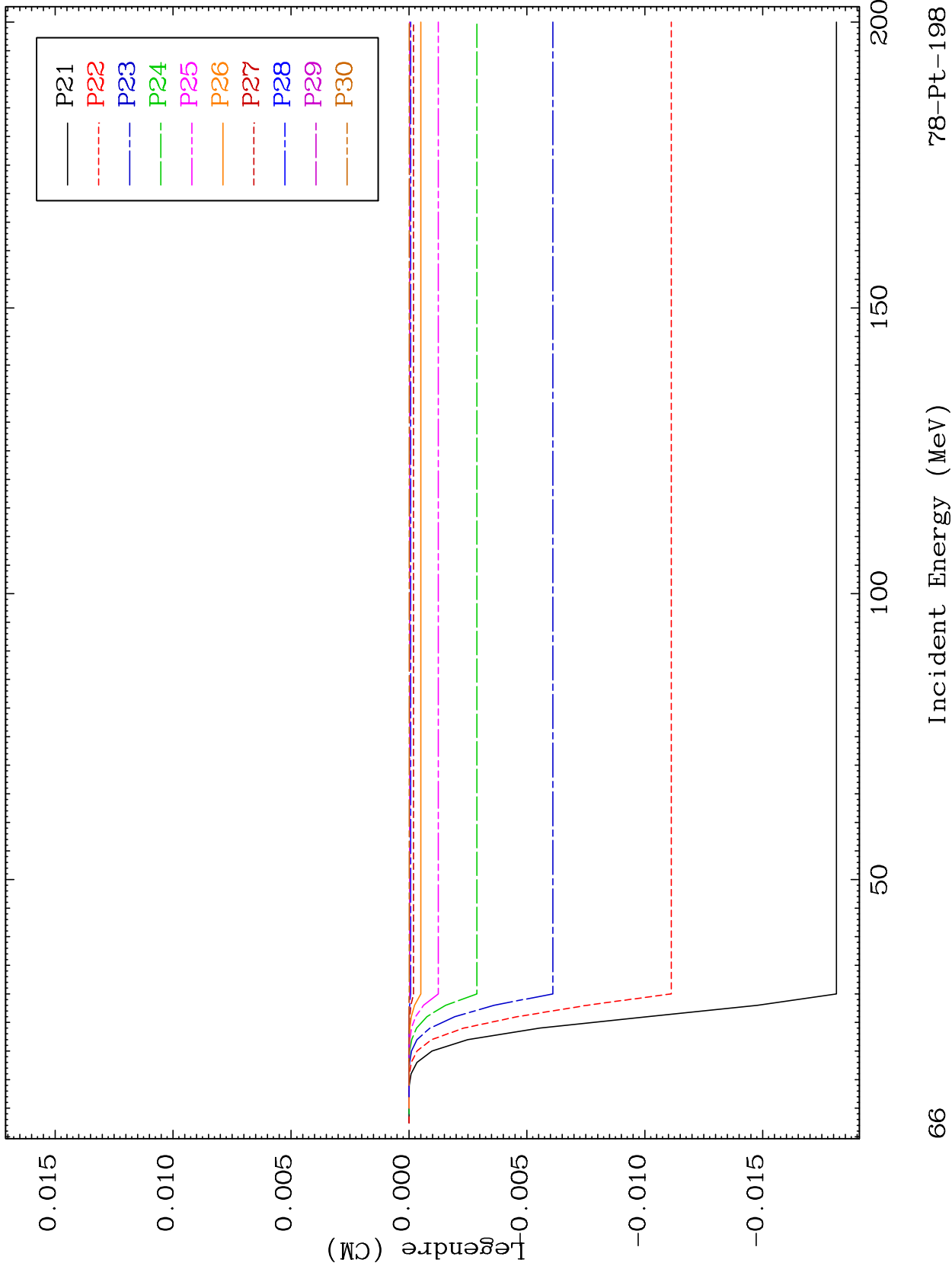
78-Pt-198



65

Incident Energy (MeV)

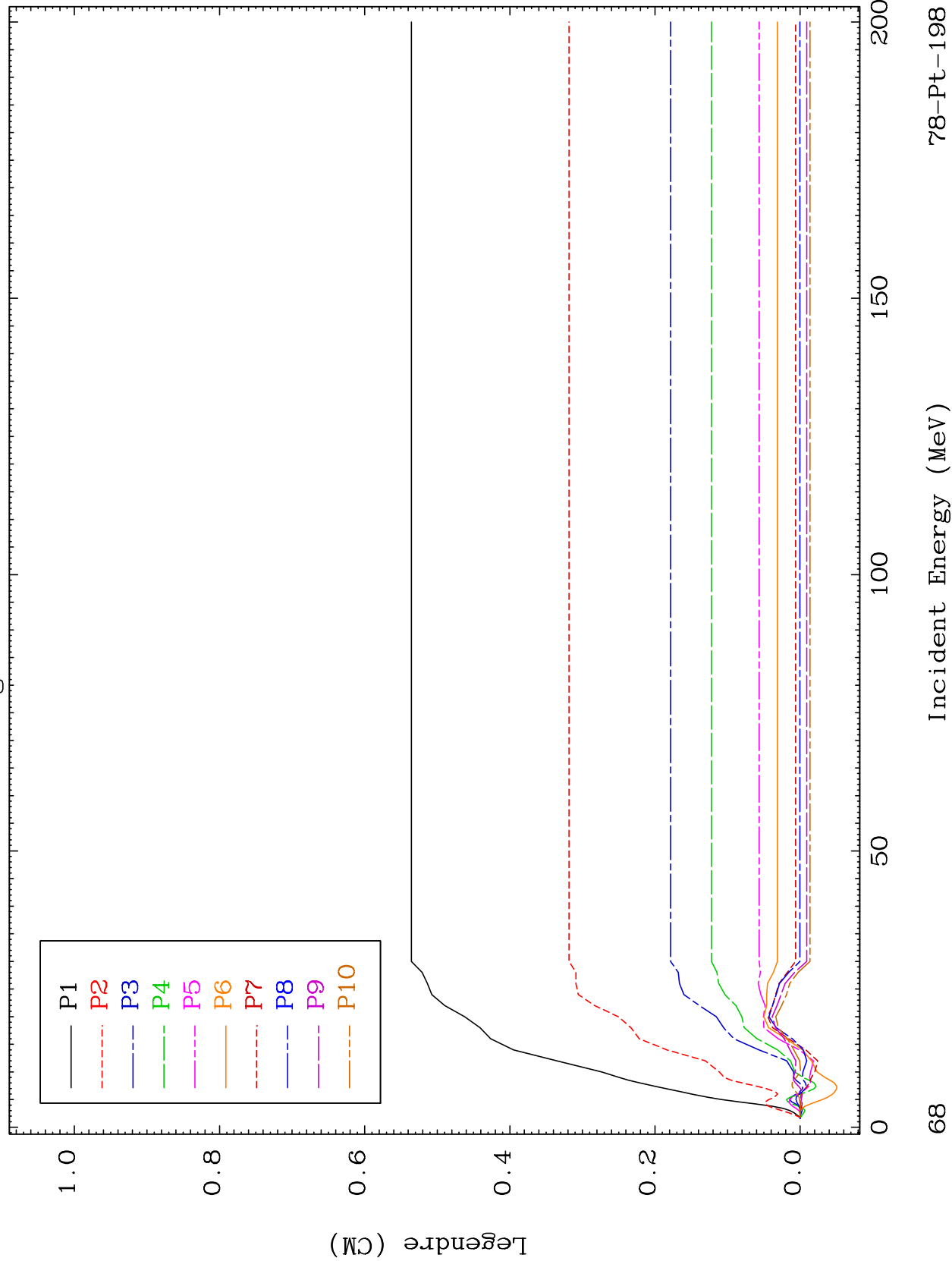
78-Pt-198



MAT 7849

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

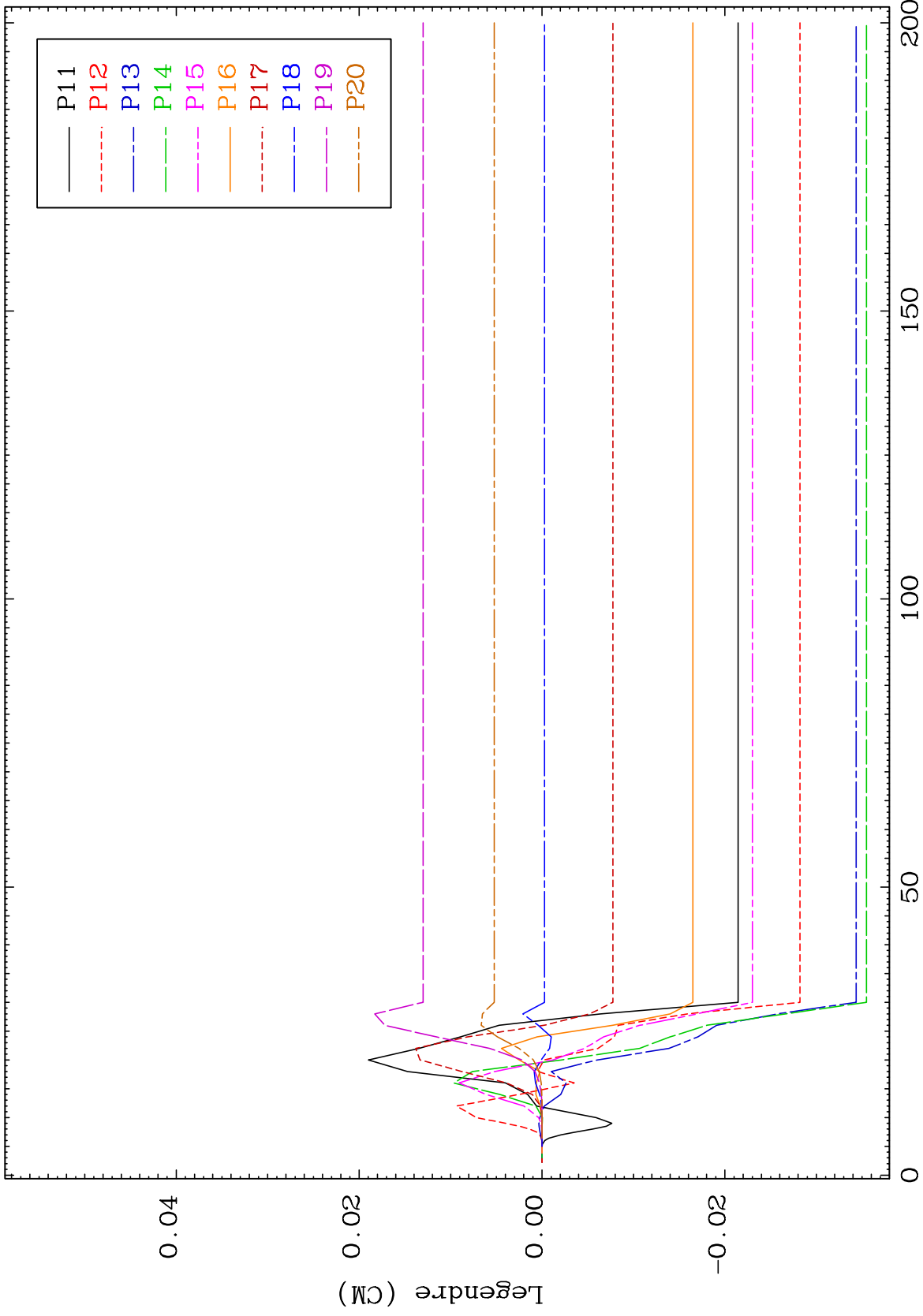
78-Pt-198



MAT 7849

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

78-Pt-198



69

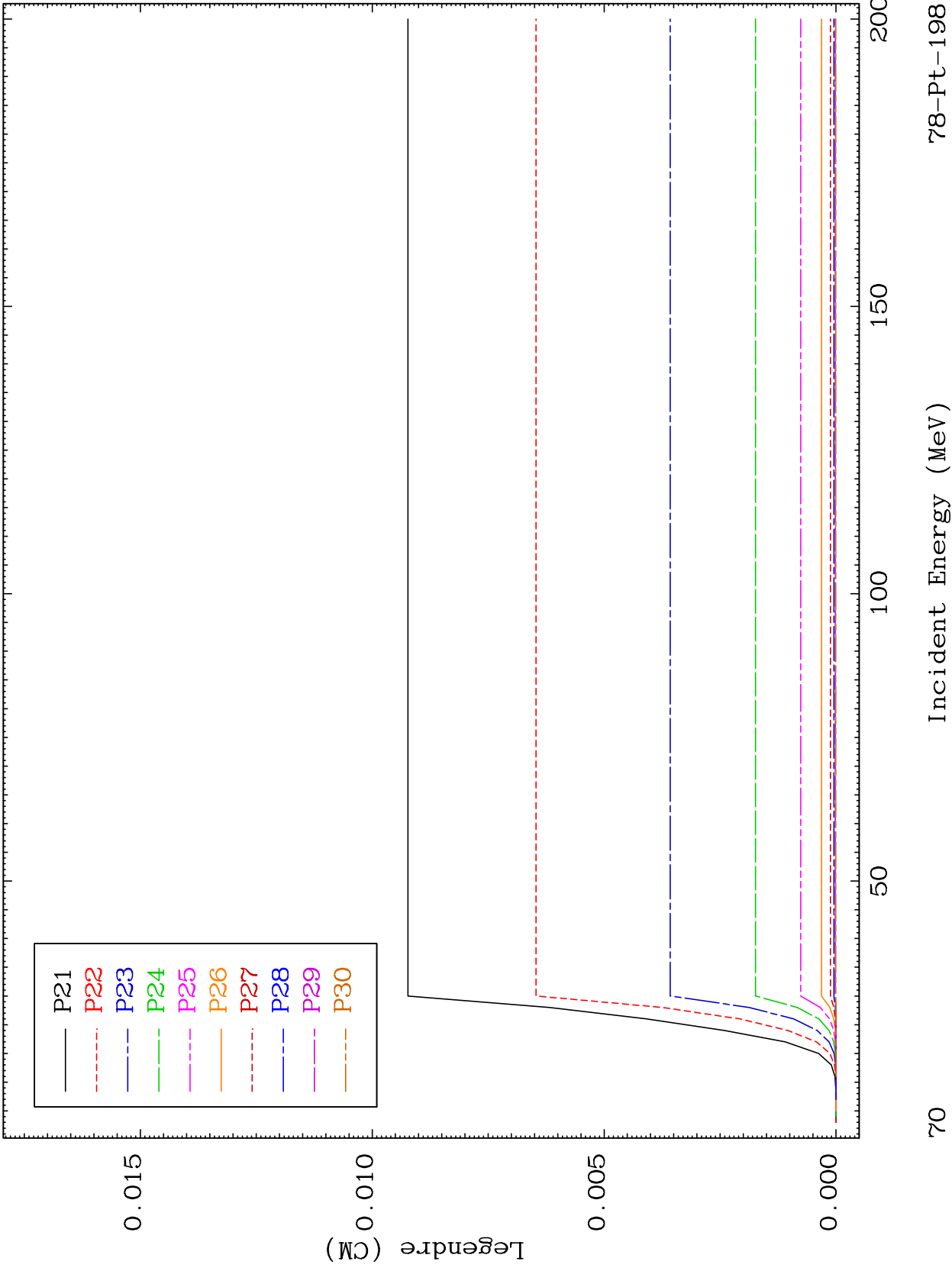
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



70

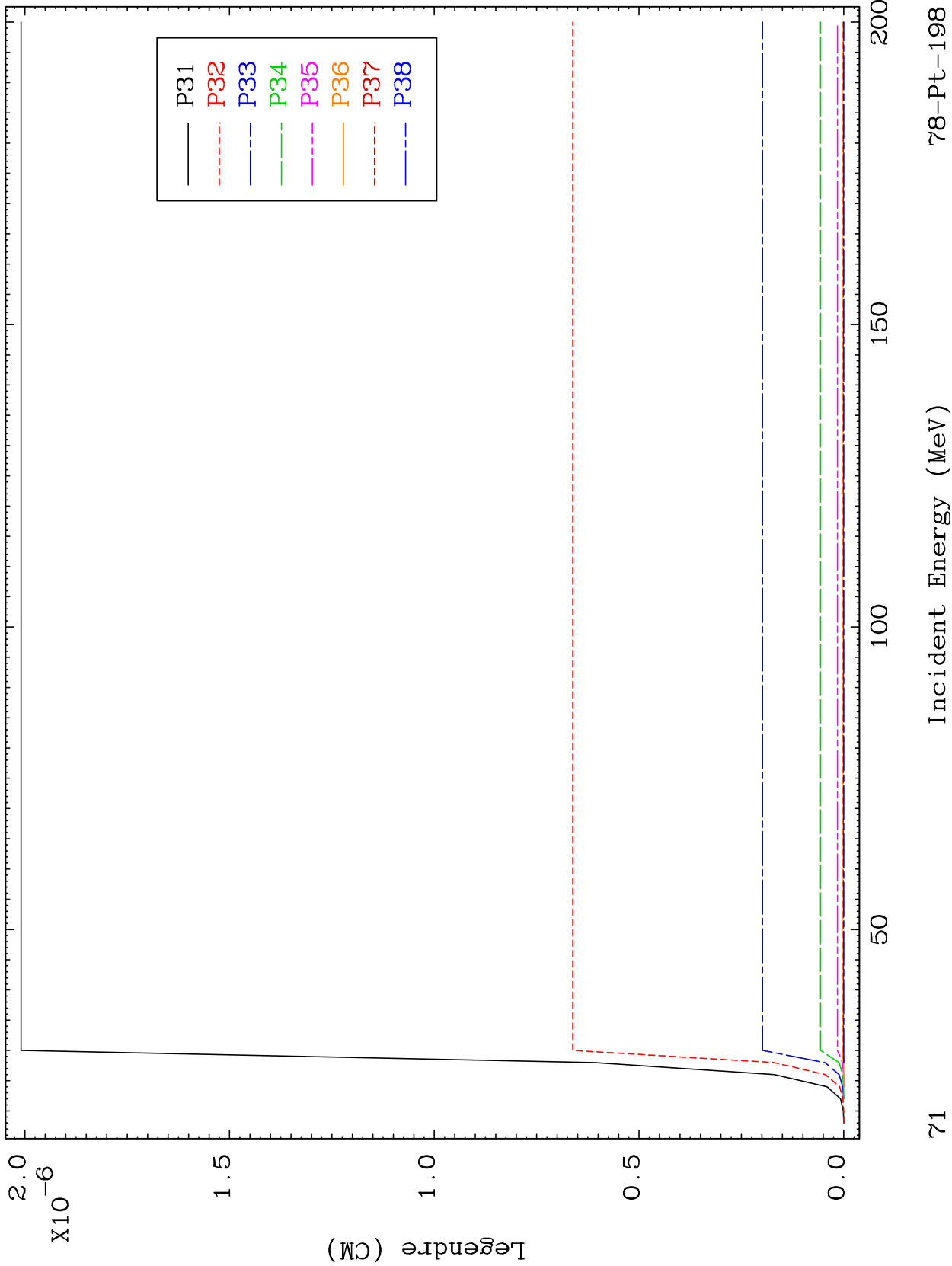
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



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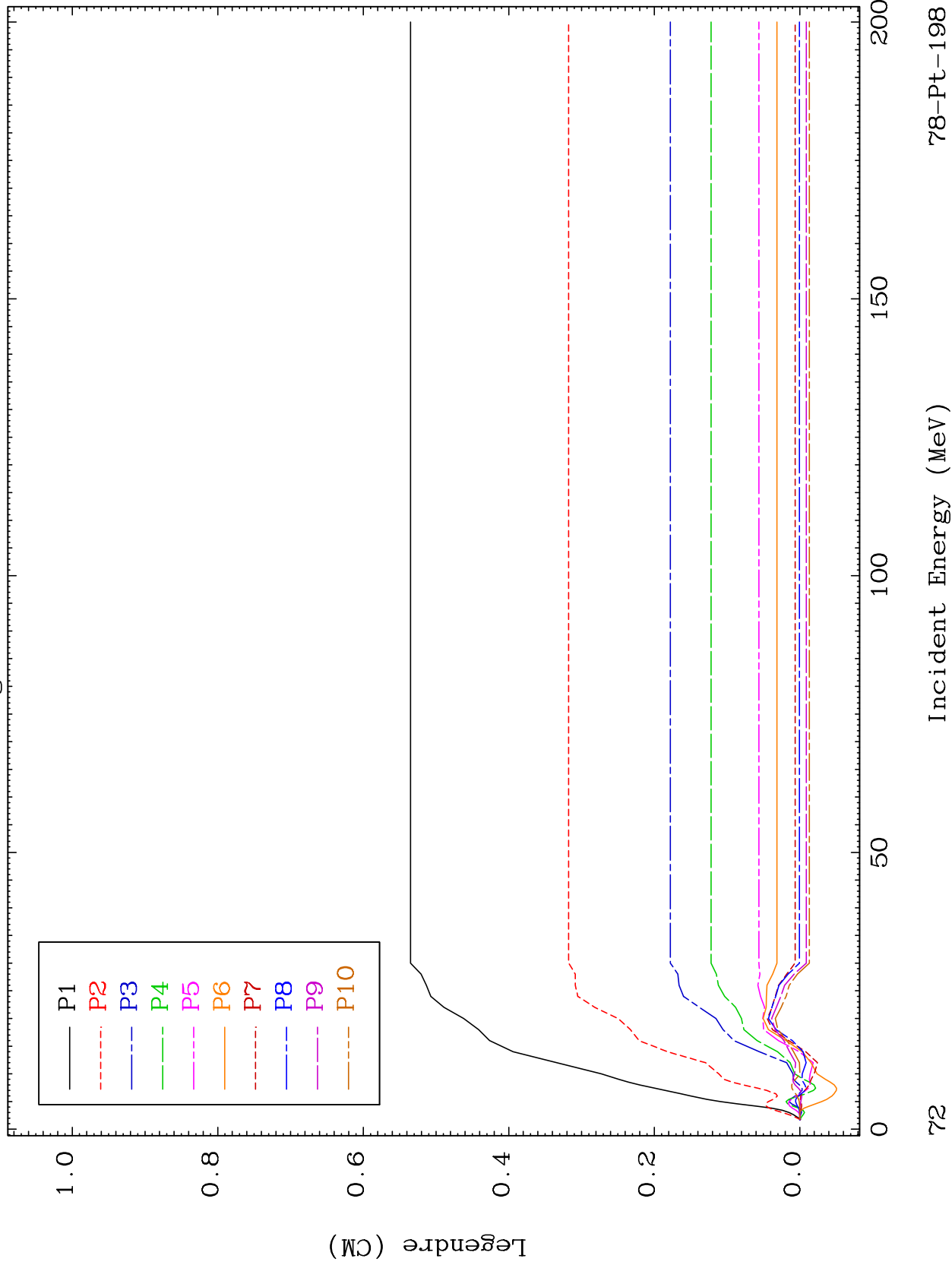
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



72

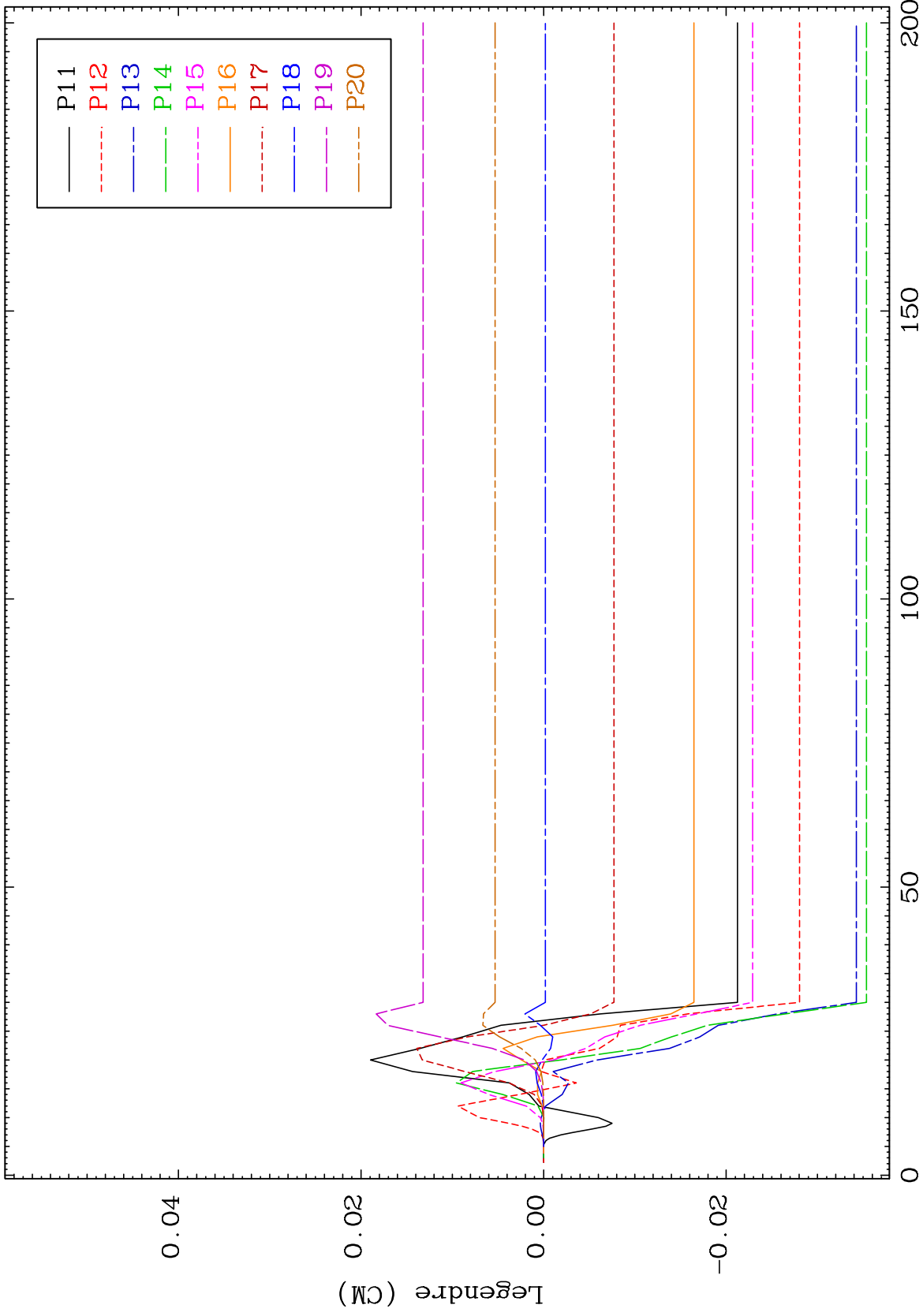
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



73

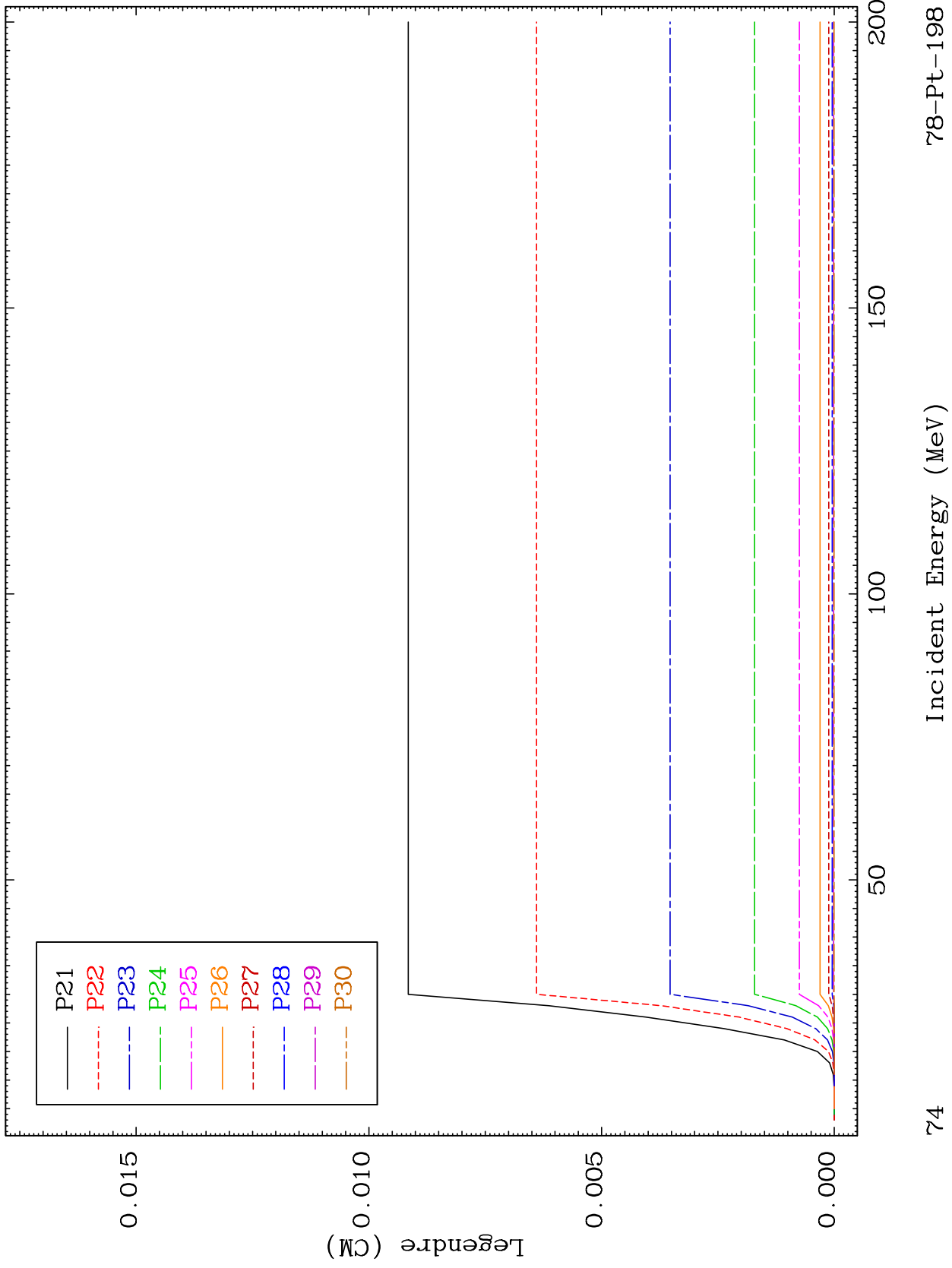
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



74

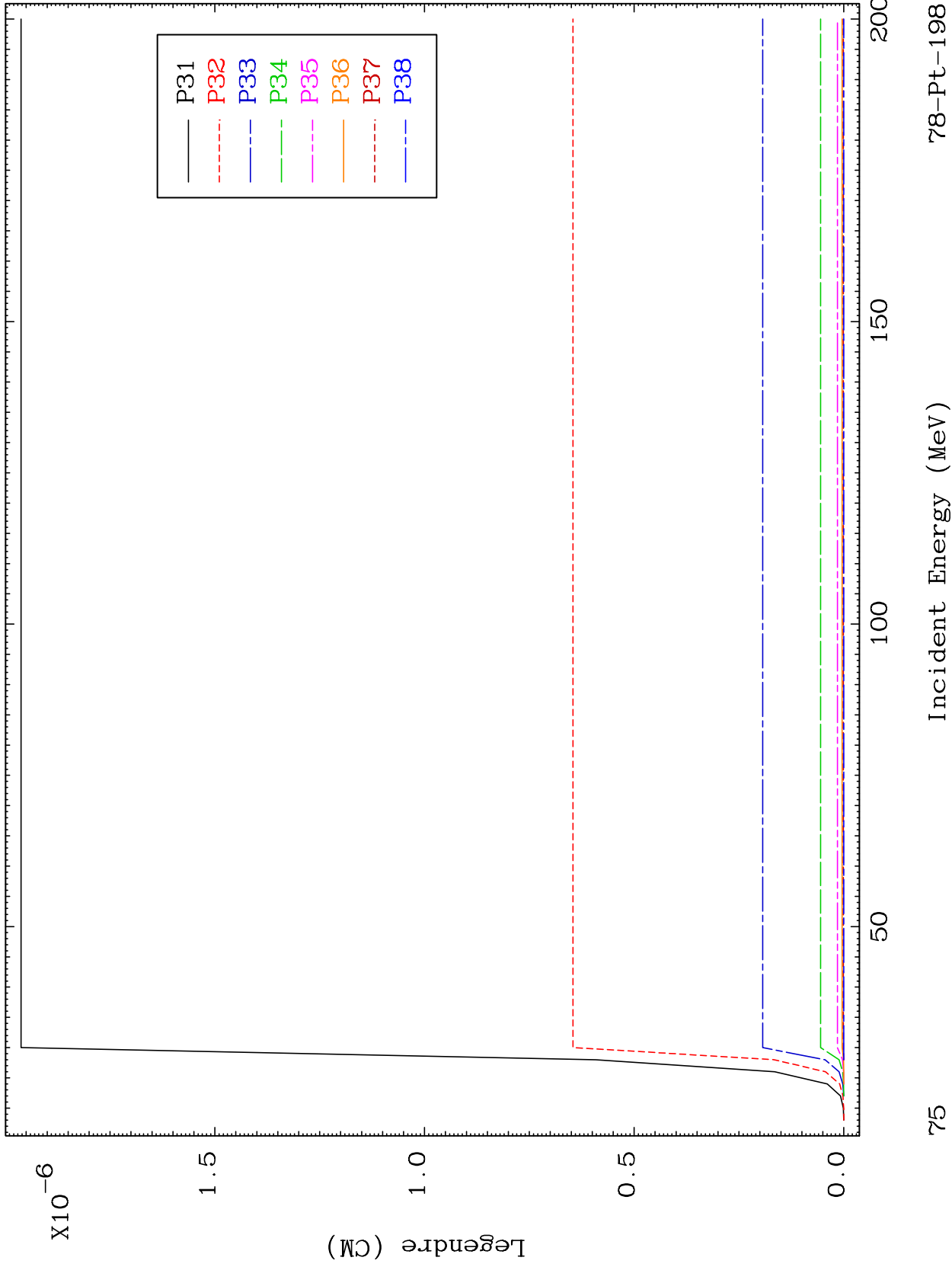
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

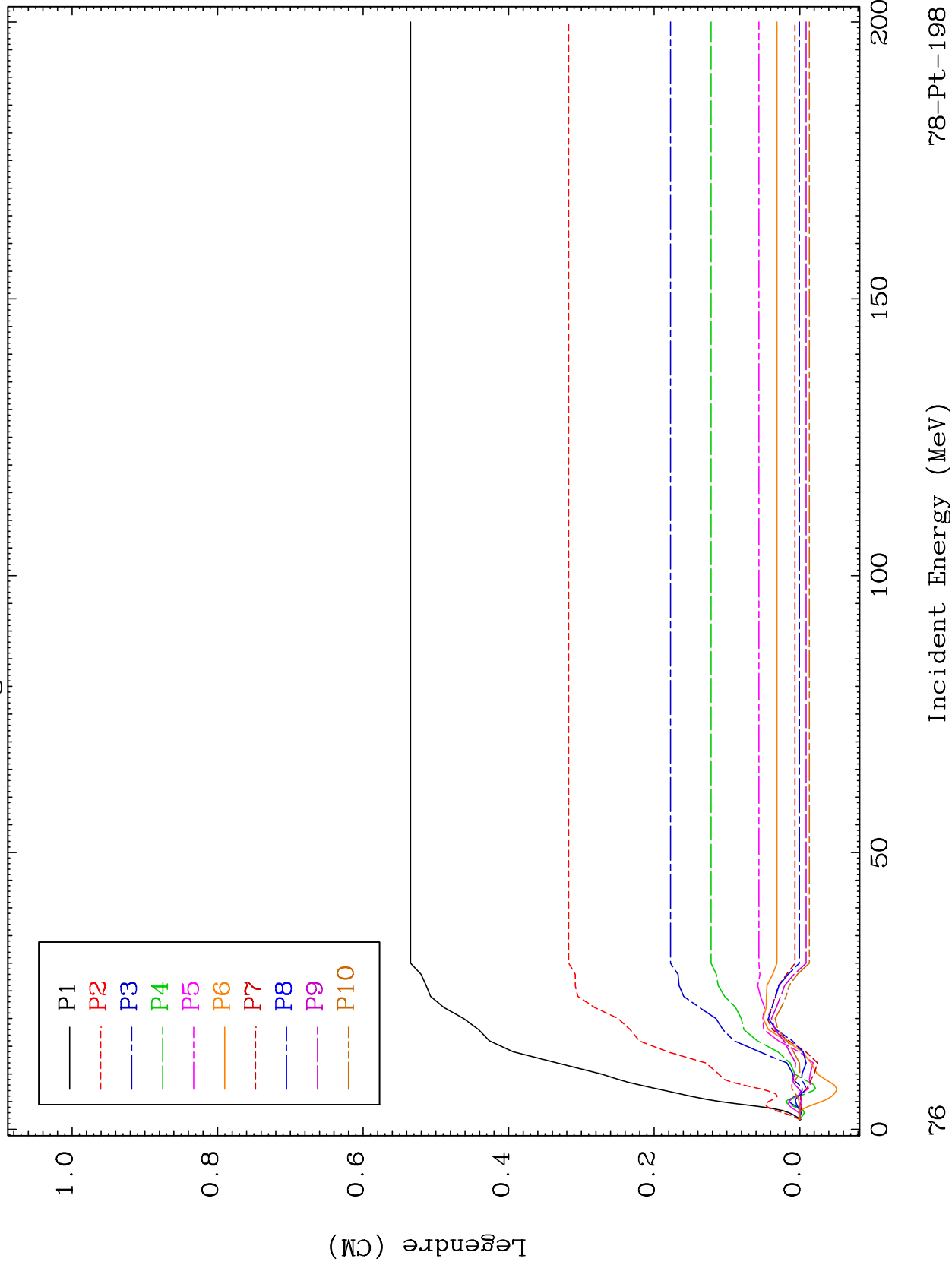
78-Pt-198



MAT 7849

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

78-Pt-198



76

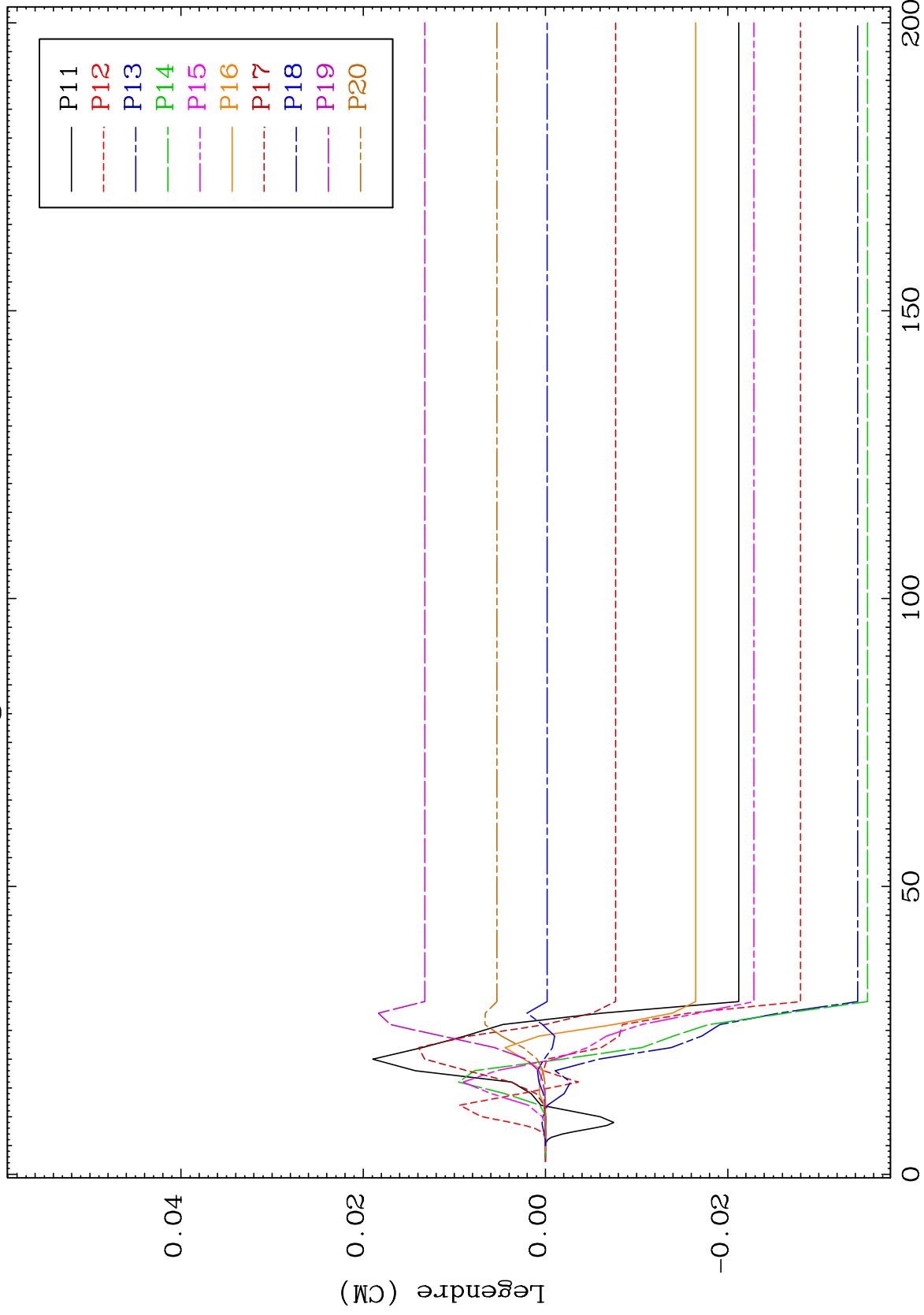
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



77

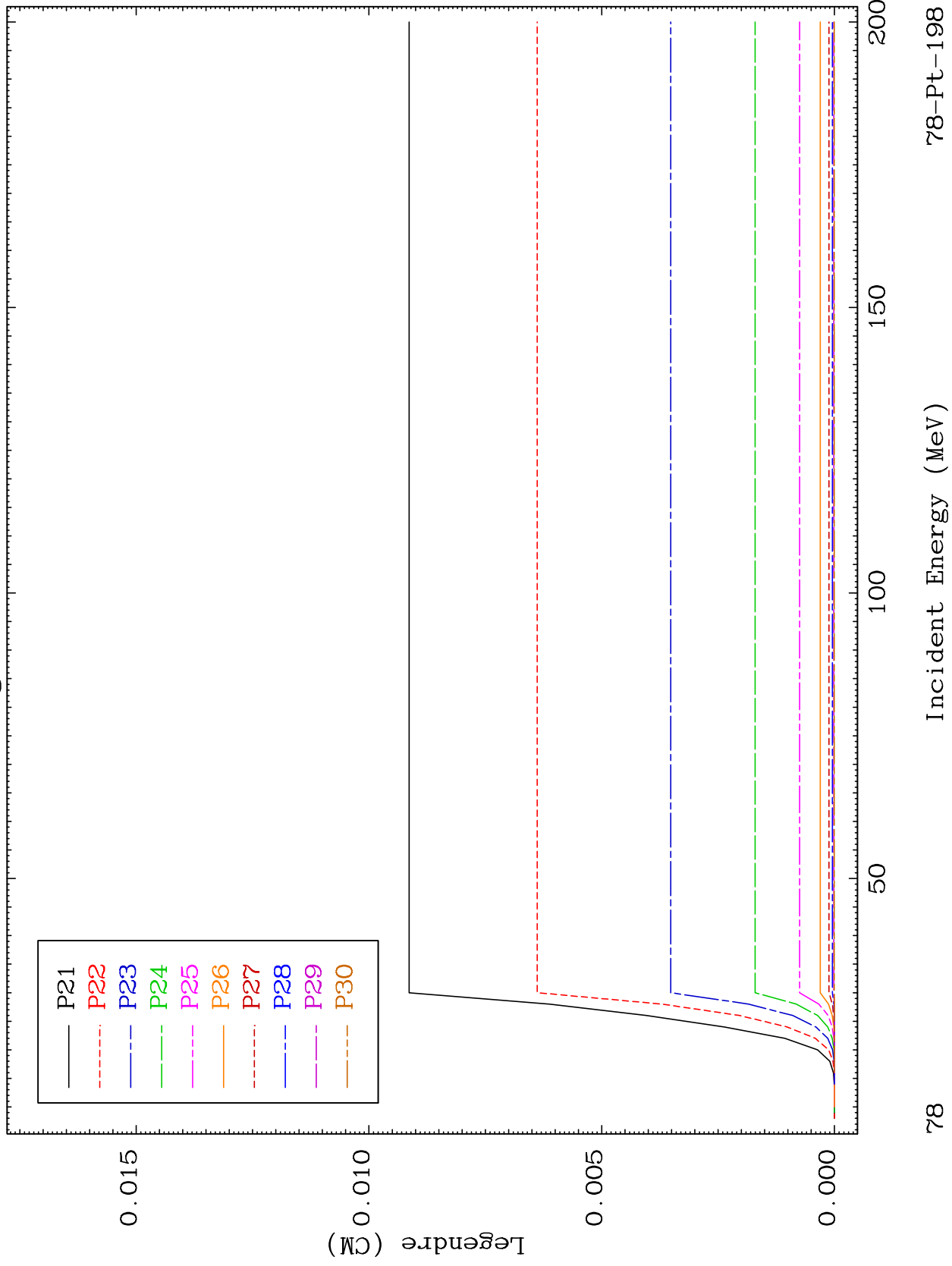
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



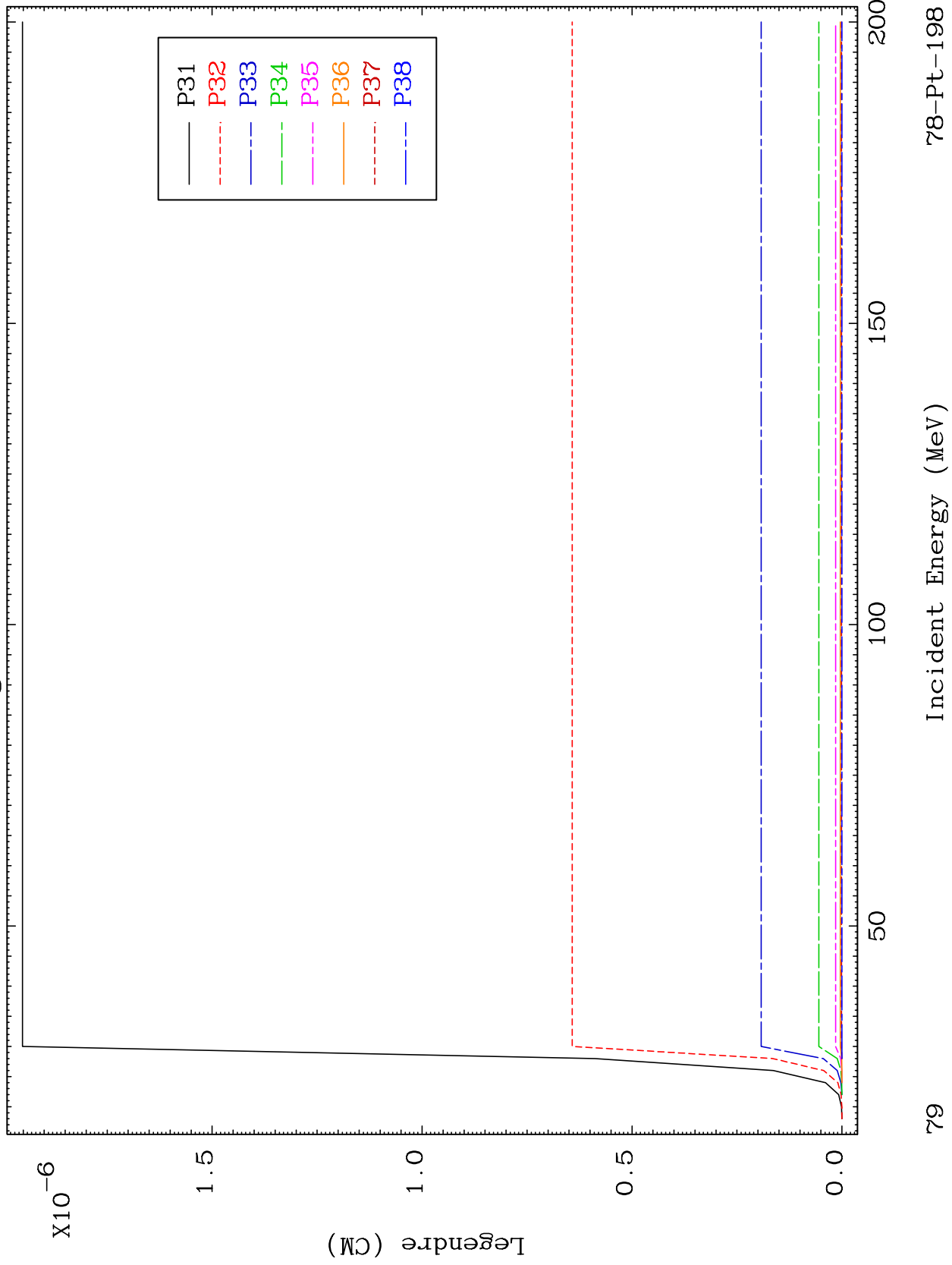
78

78-Pt-198

MAT 7849

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

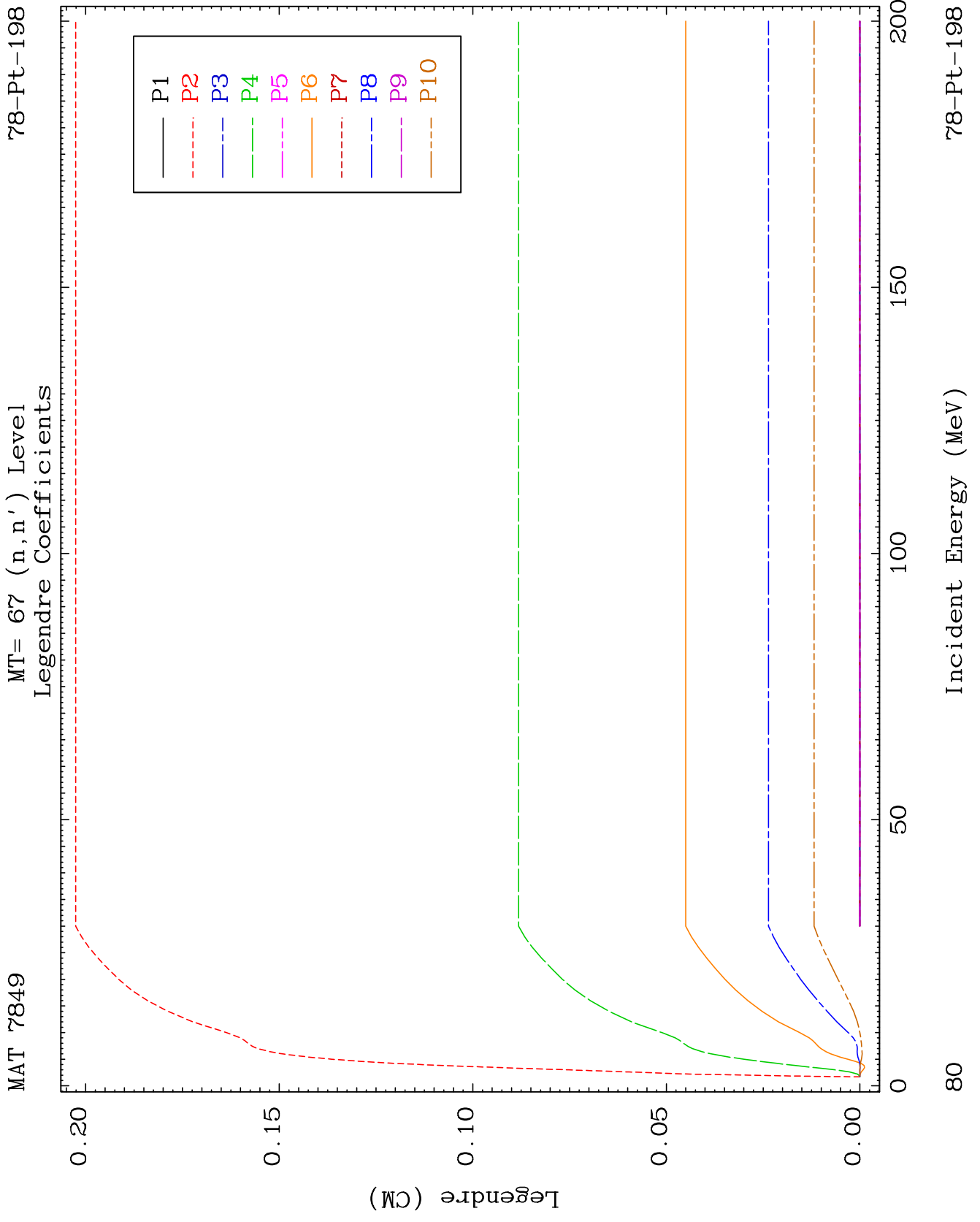
78-Pt-198



79

Incident Energy (MeV)

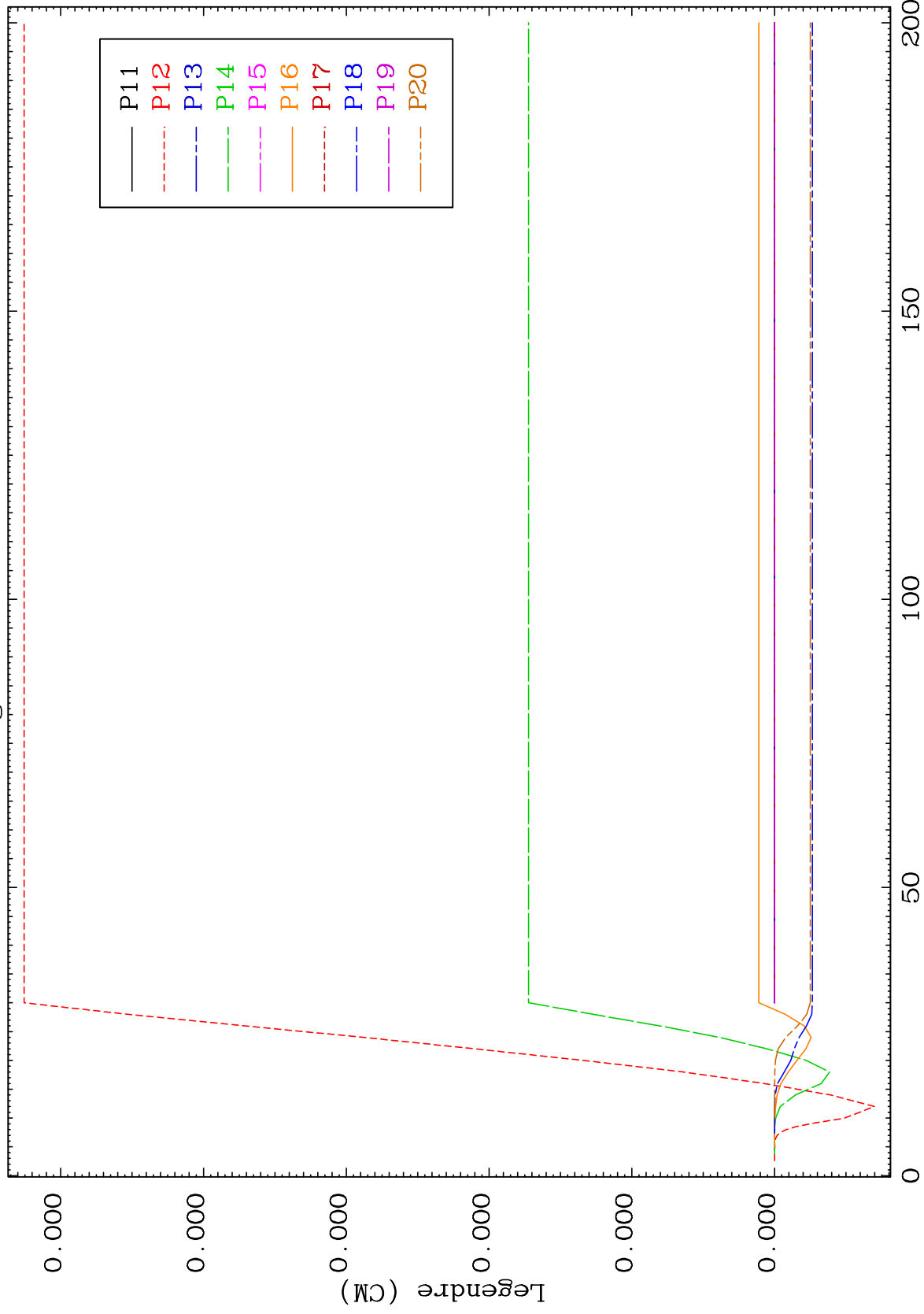
78-Pt-198



MAT 7849

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

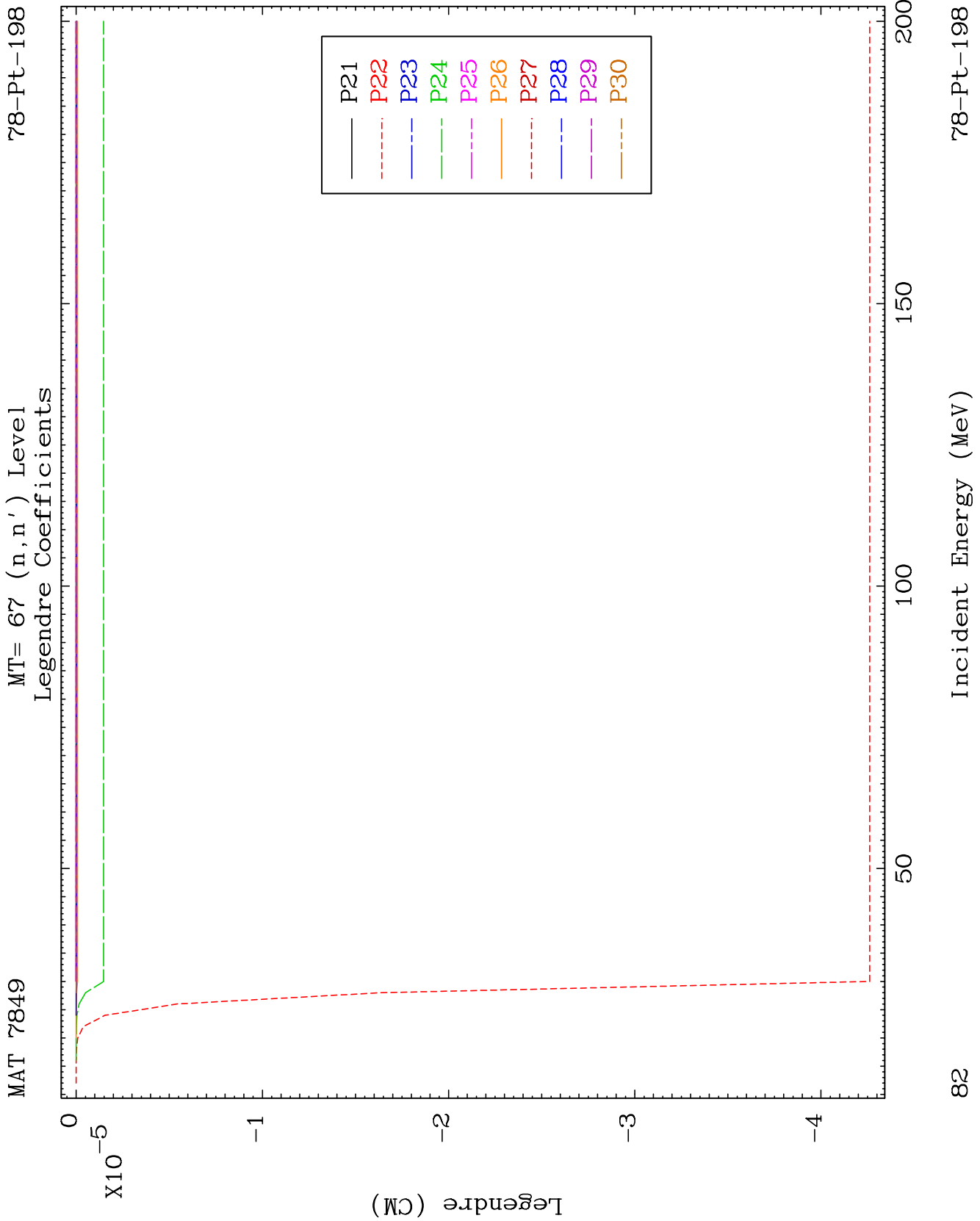
78-Pt-198



81

Incident Energy (MeV)

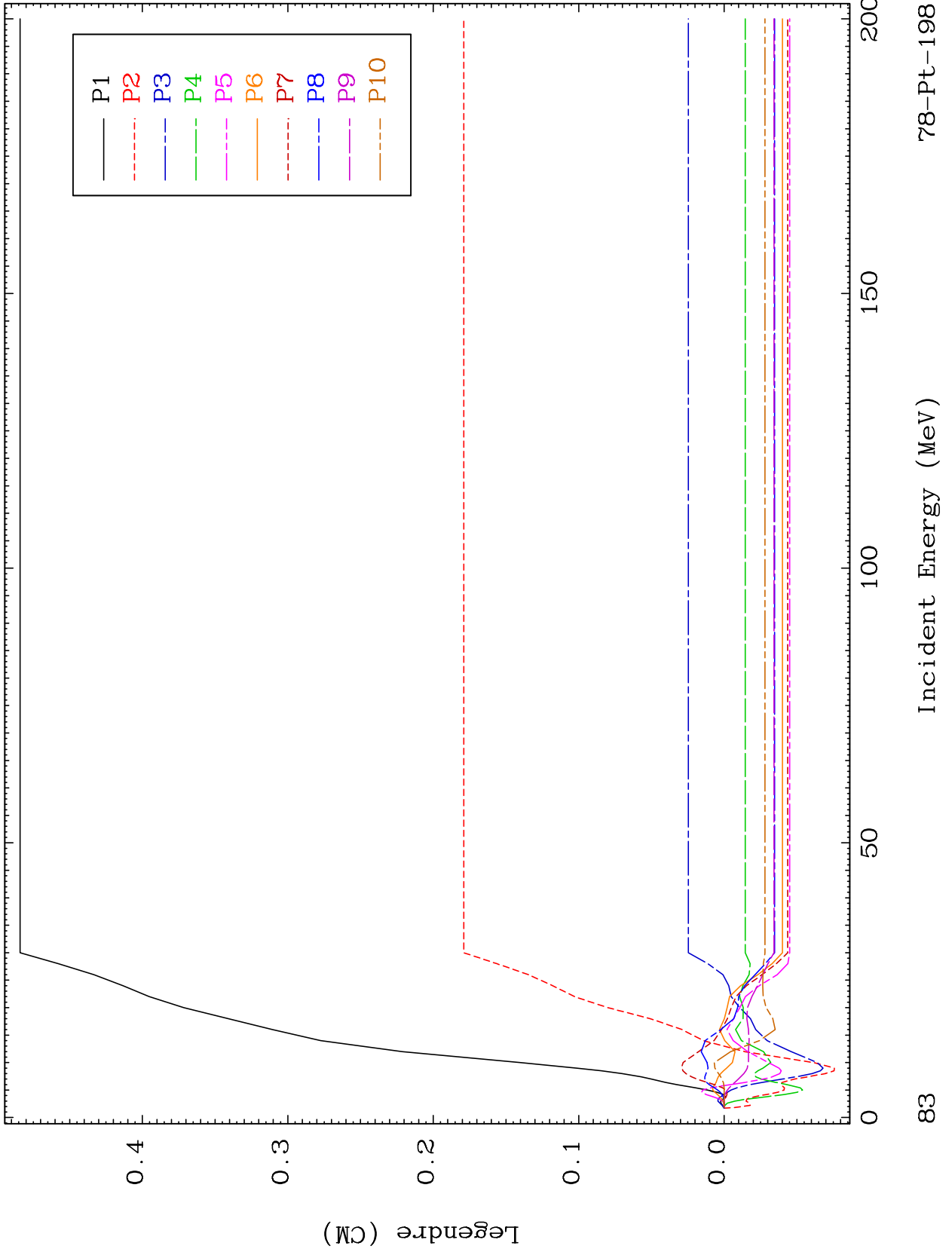
78-Pt-198



MAT 7849

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

78-Pt-198



83

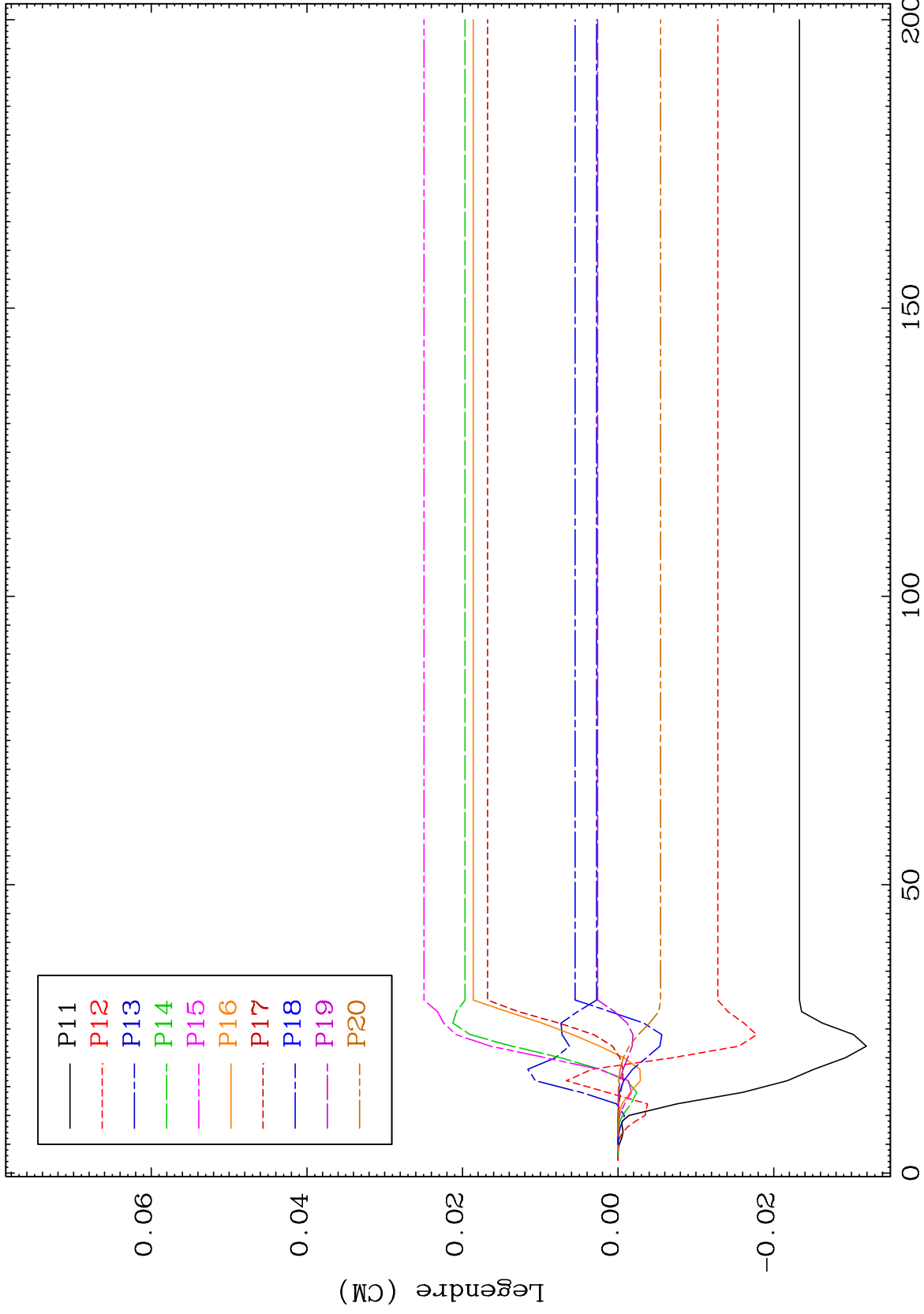
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

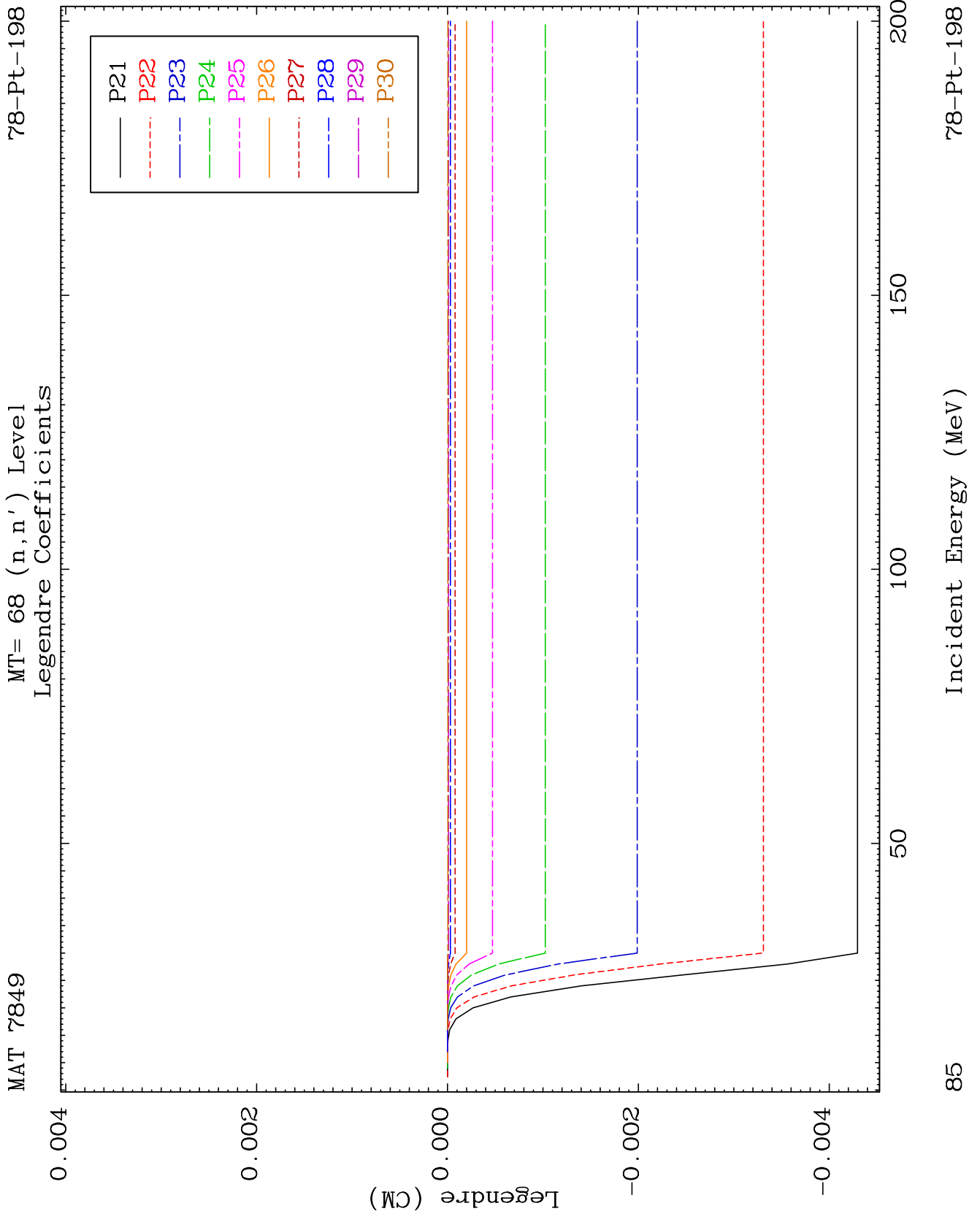
78-Pt-198

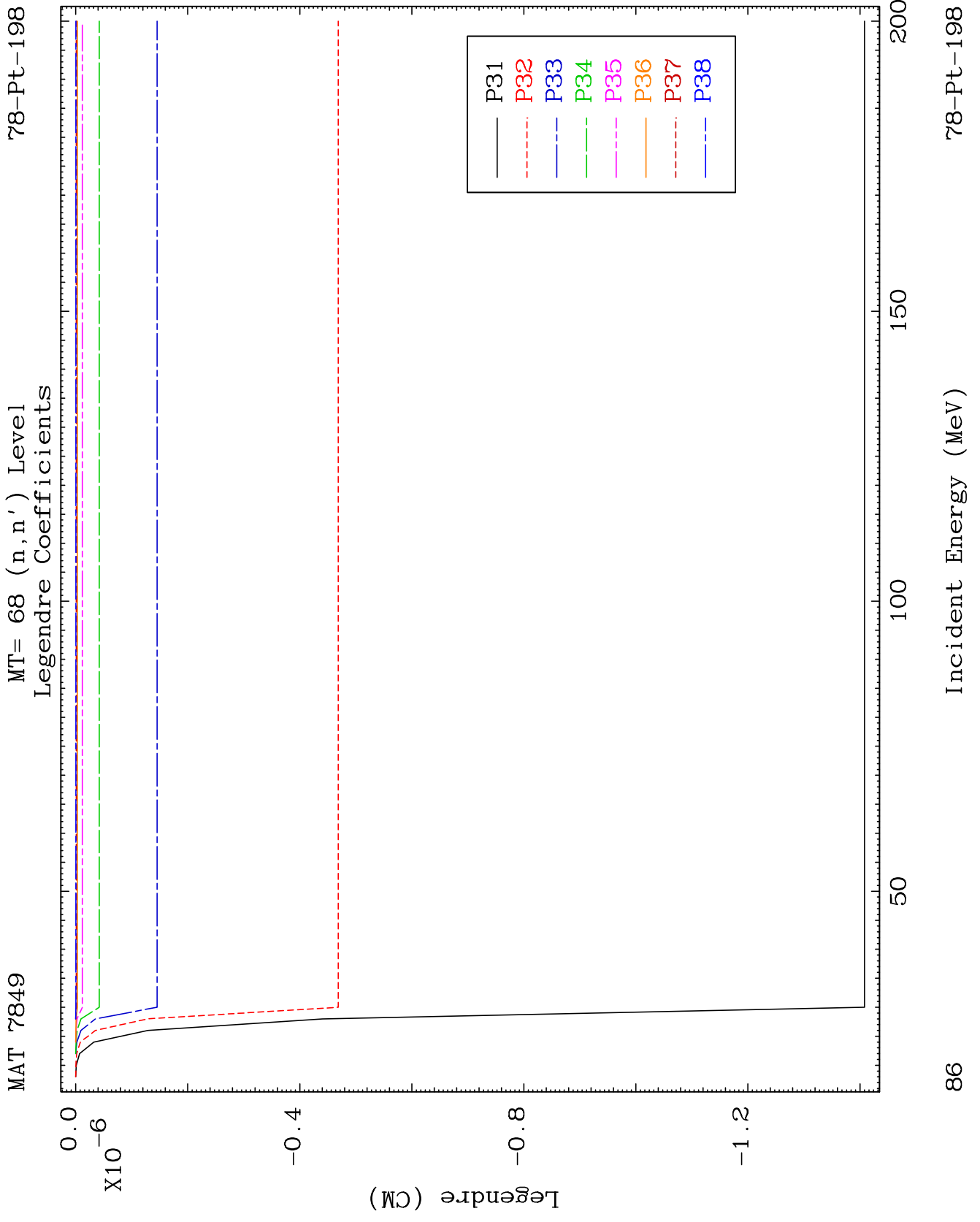


84

Incident Energy (MeV)

78-Pt-198

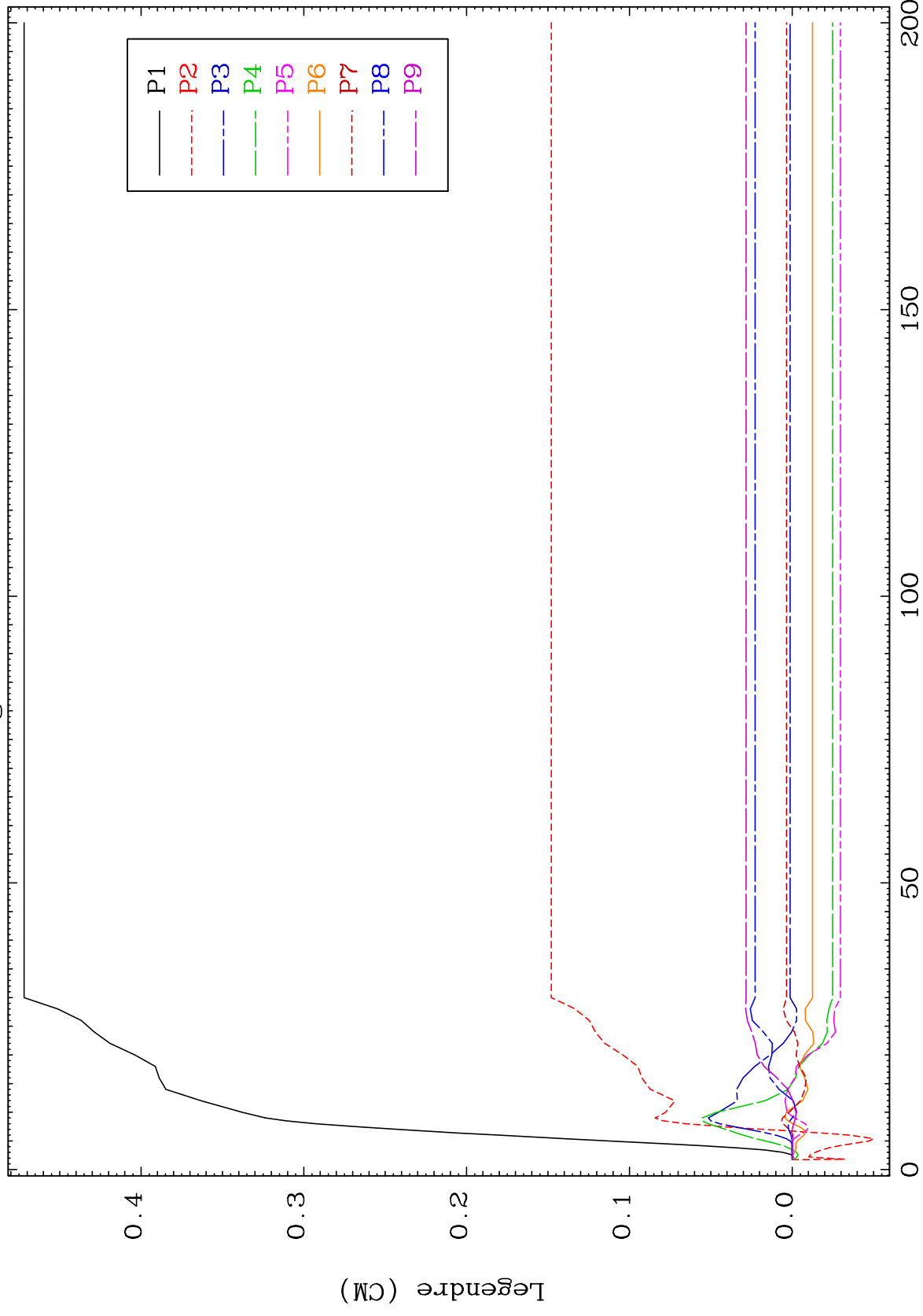




MAT 7849

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

78-Pt-198



78-Pt-198

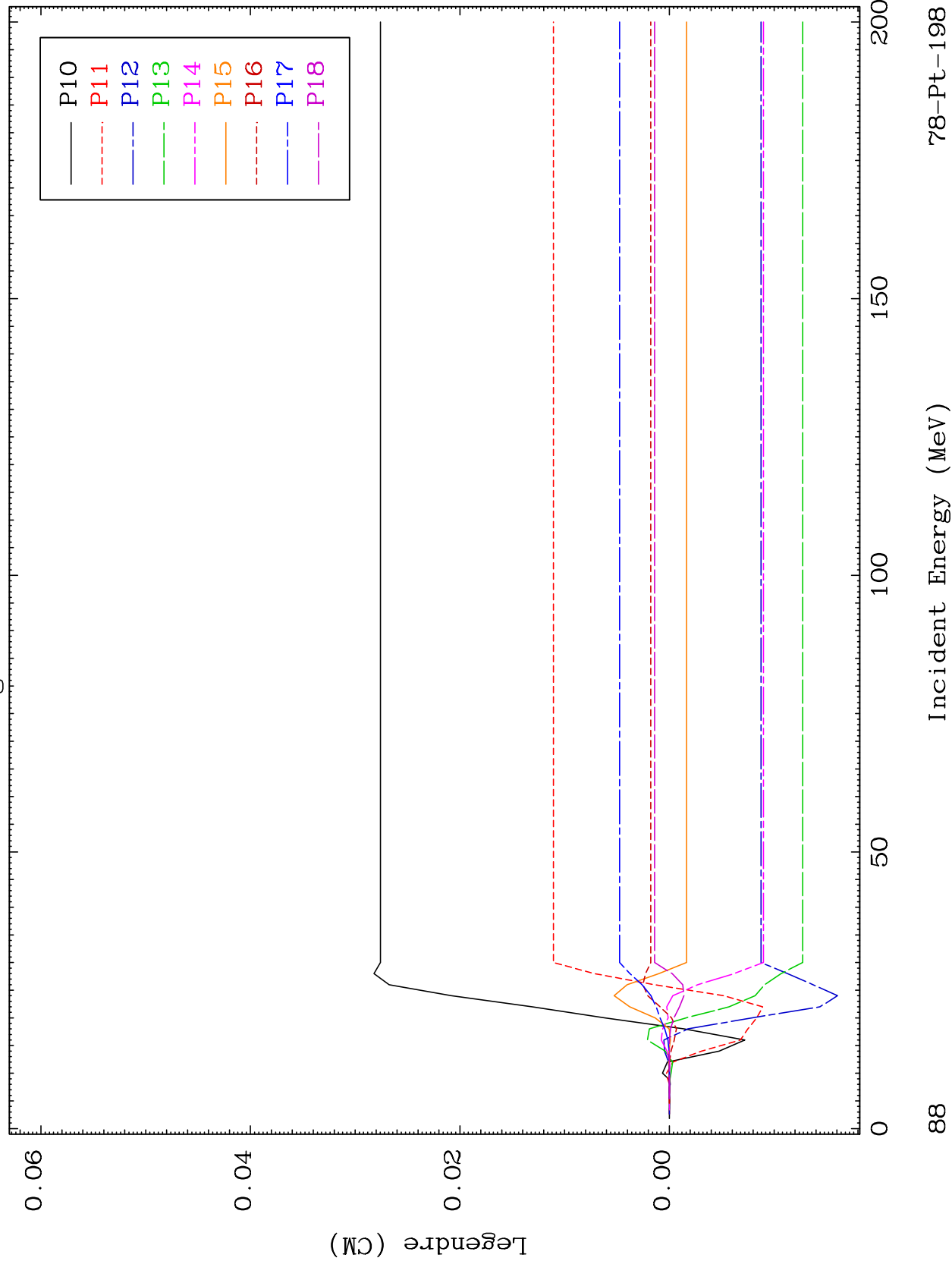
Incident Energy (MeV)

87

MAT 7849

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

78-Pt-198



88

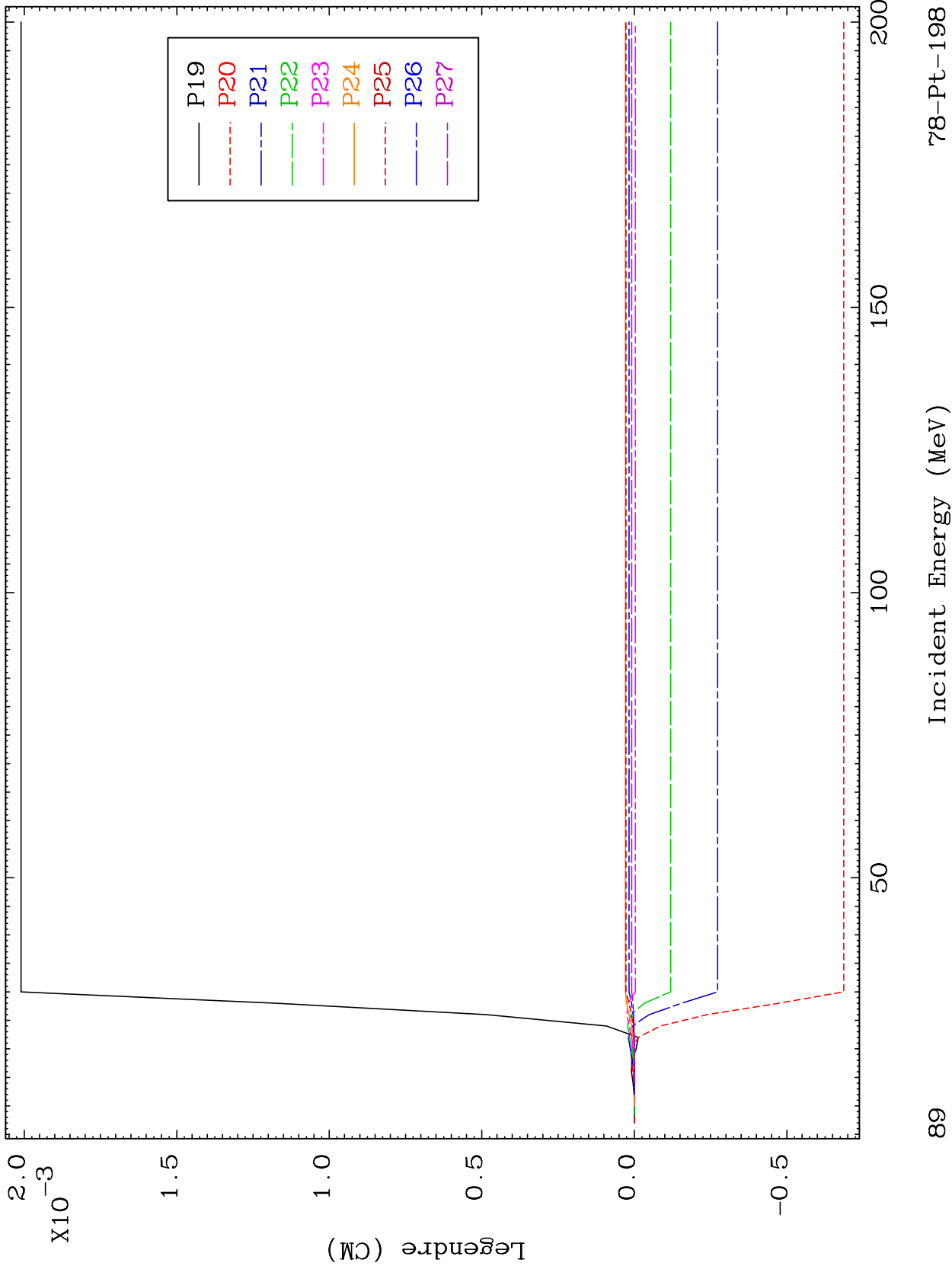
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



89

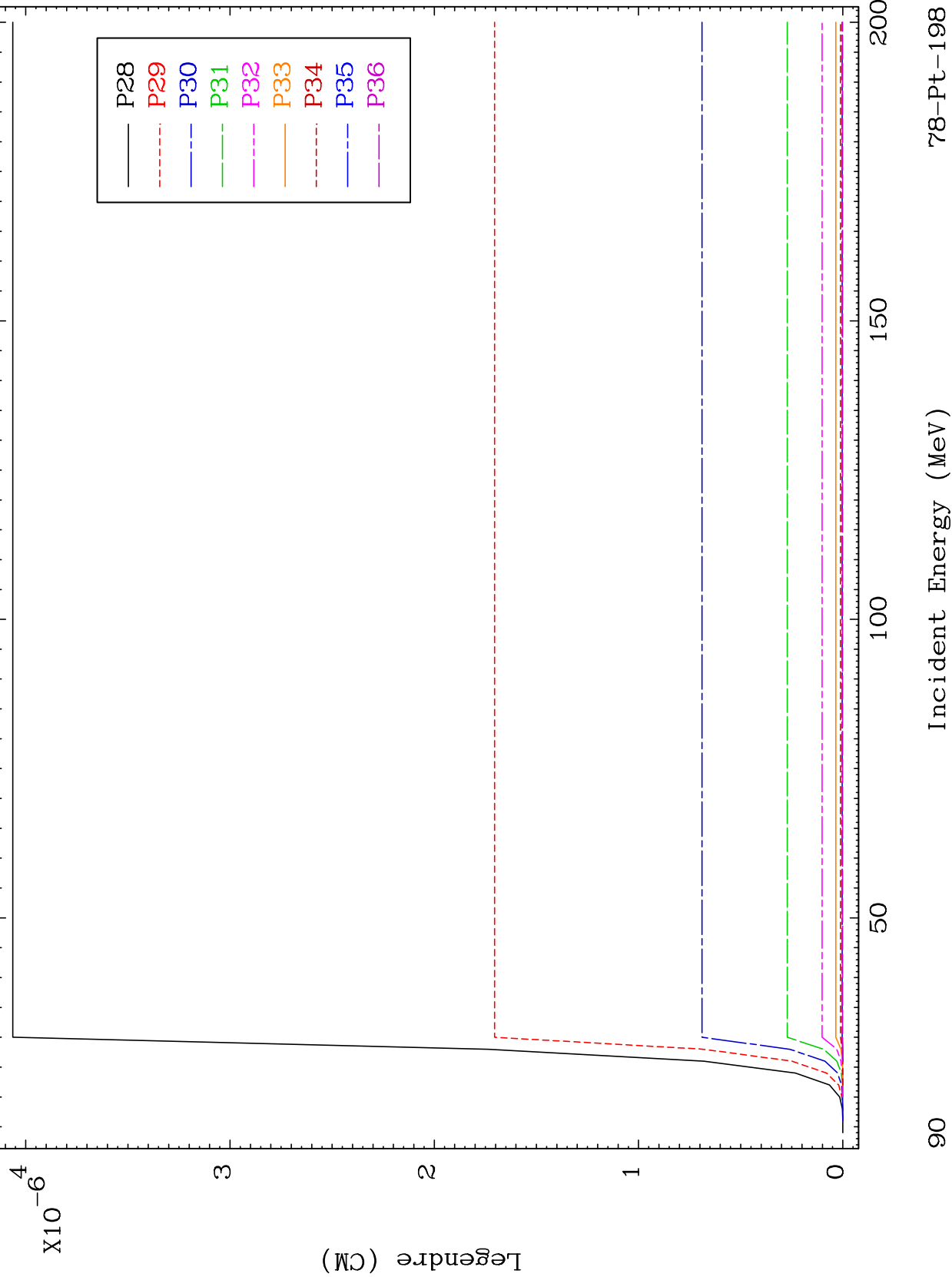
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

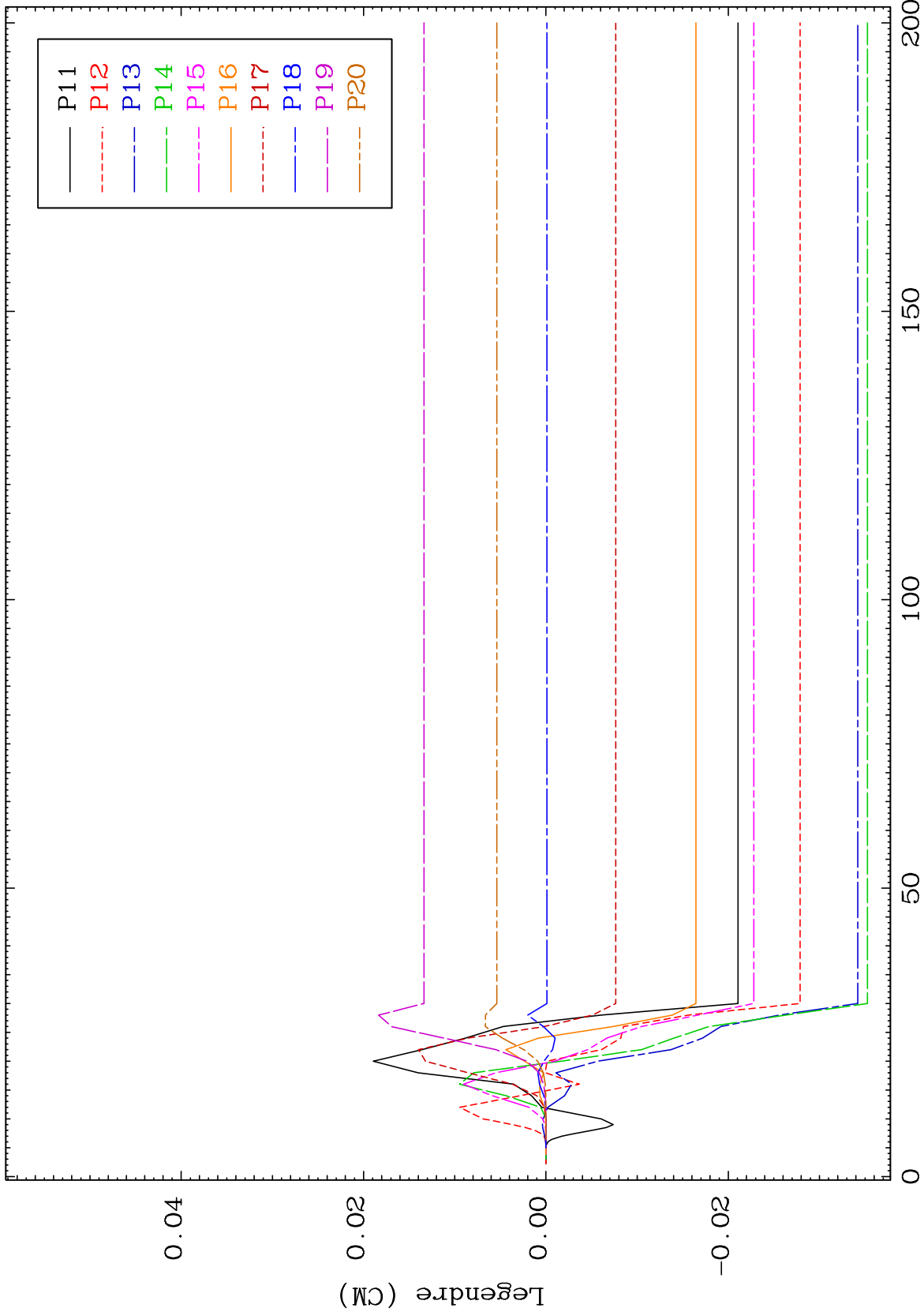
78-Pt-198



MAT 7849

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

78-Pt-198



92

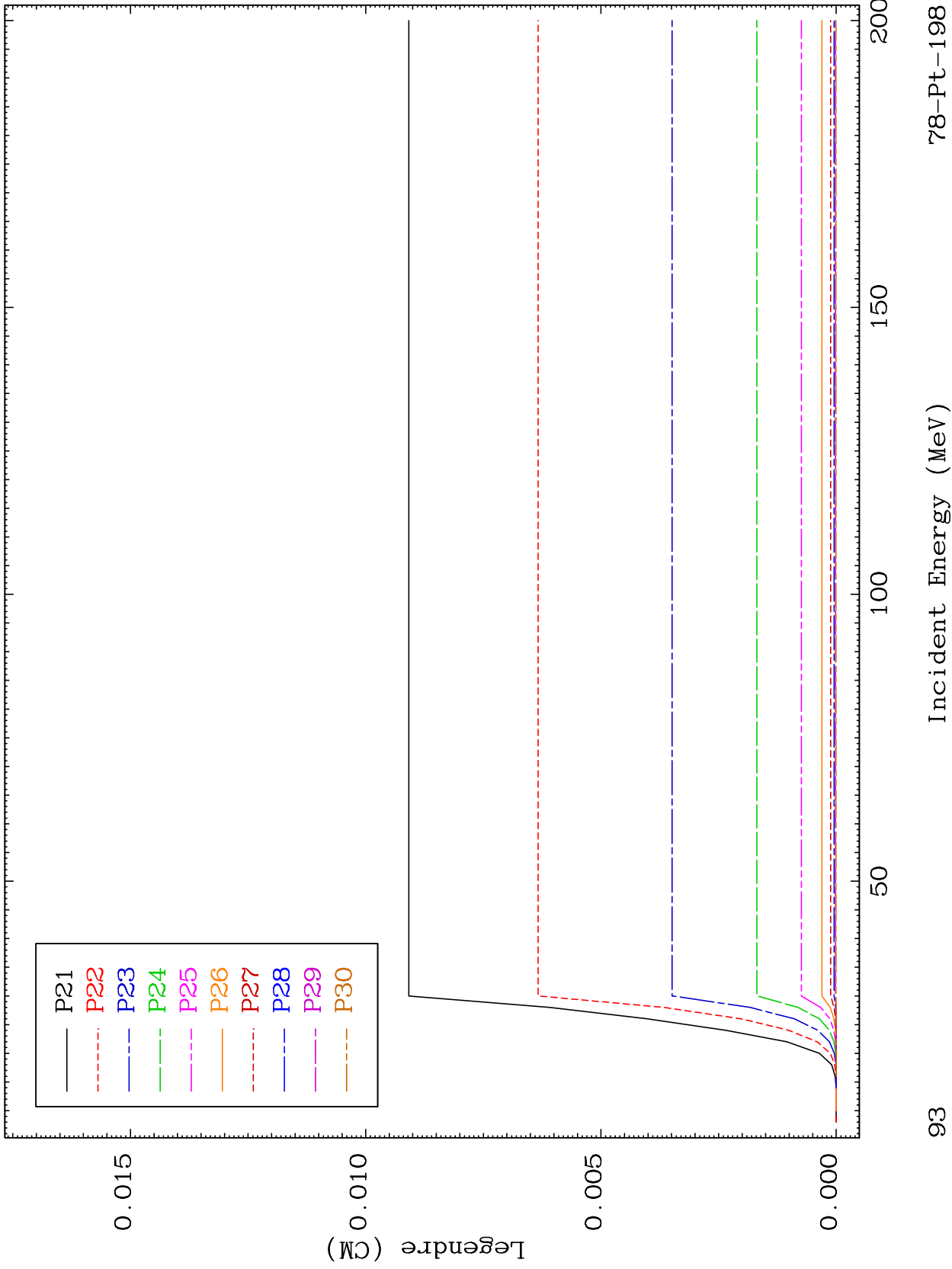
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

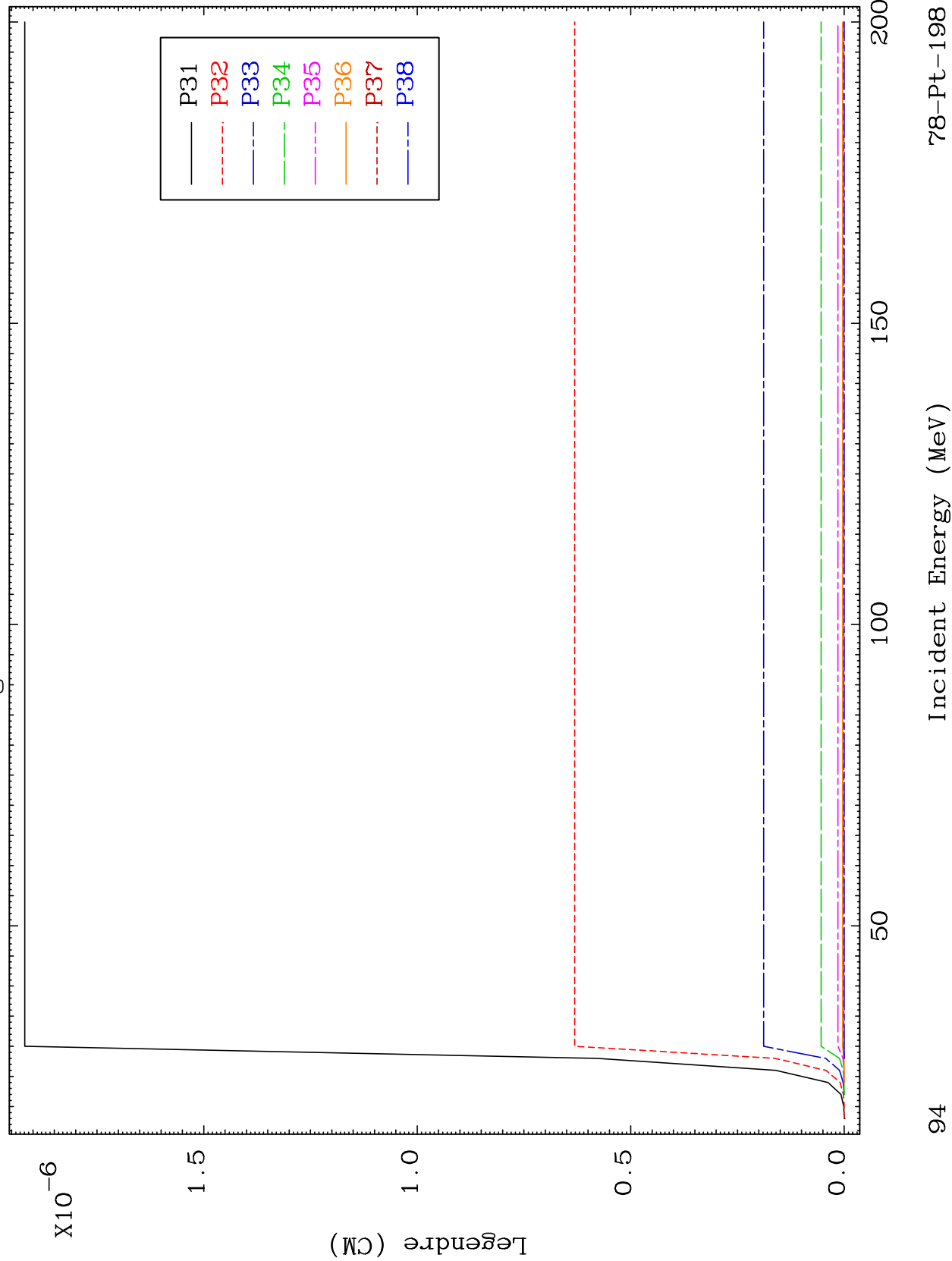
78-Pt-198



MAT 7849

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

78-Pt-198



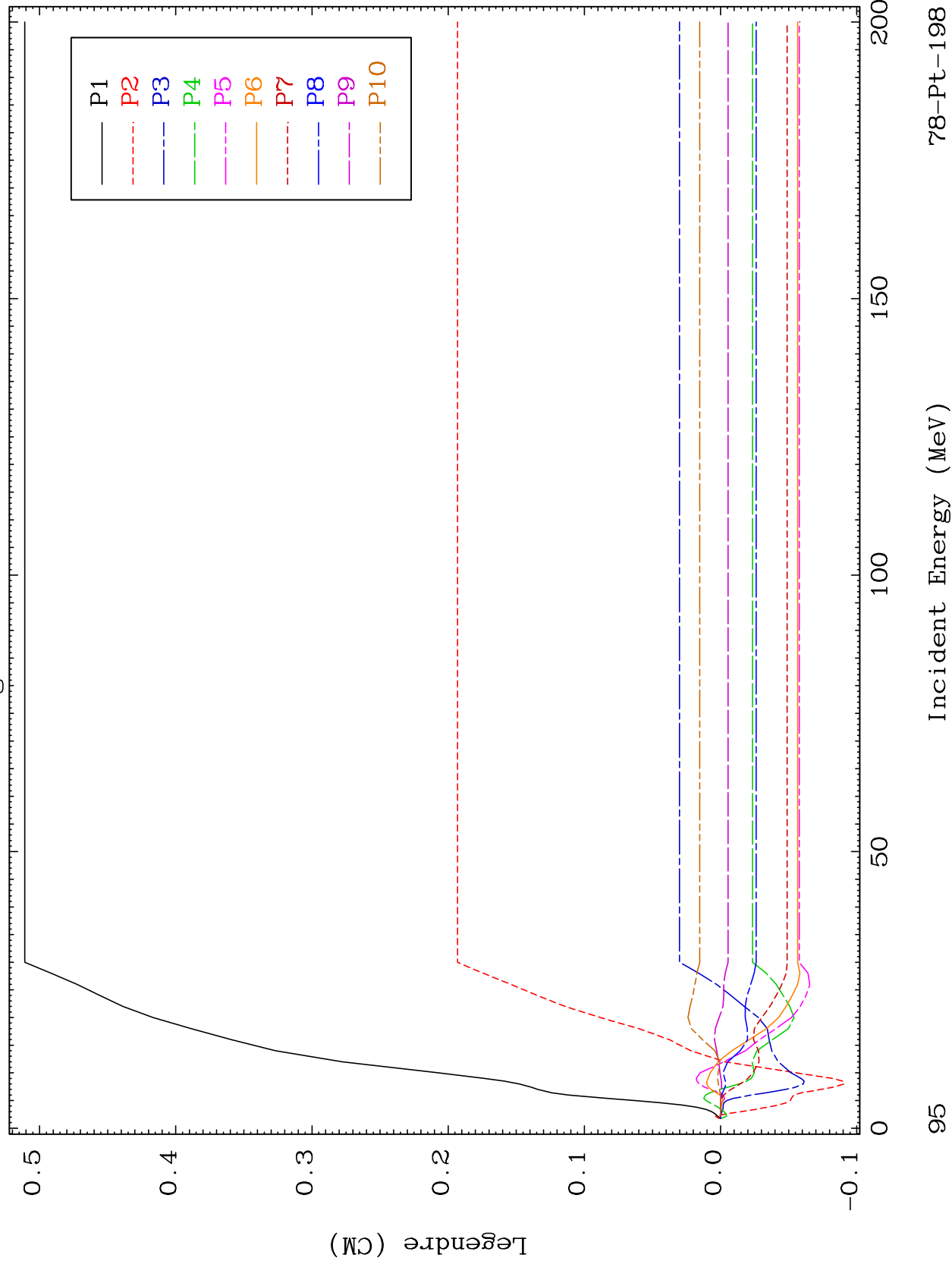
94

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

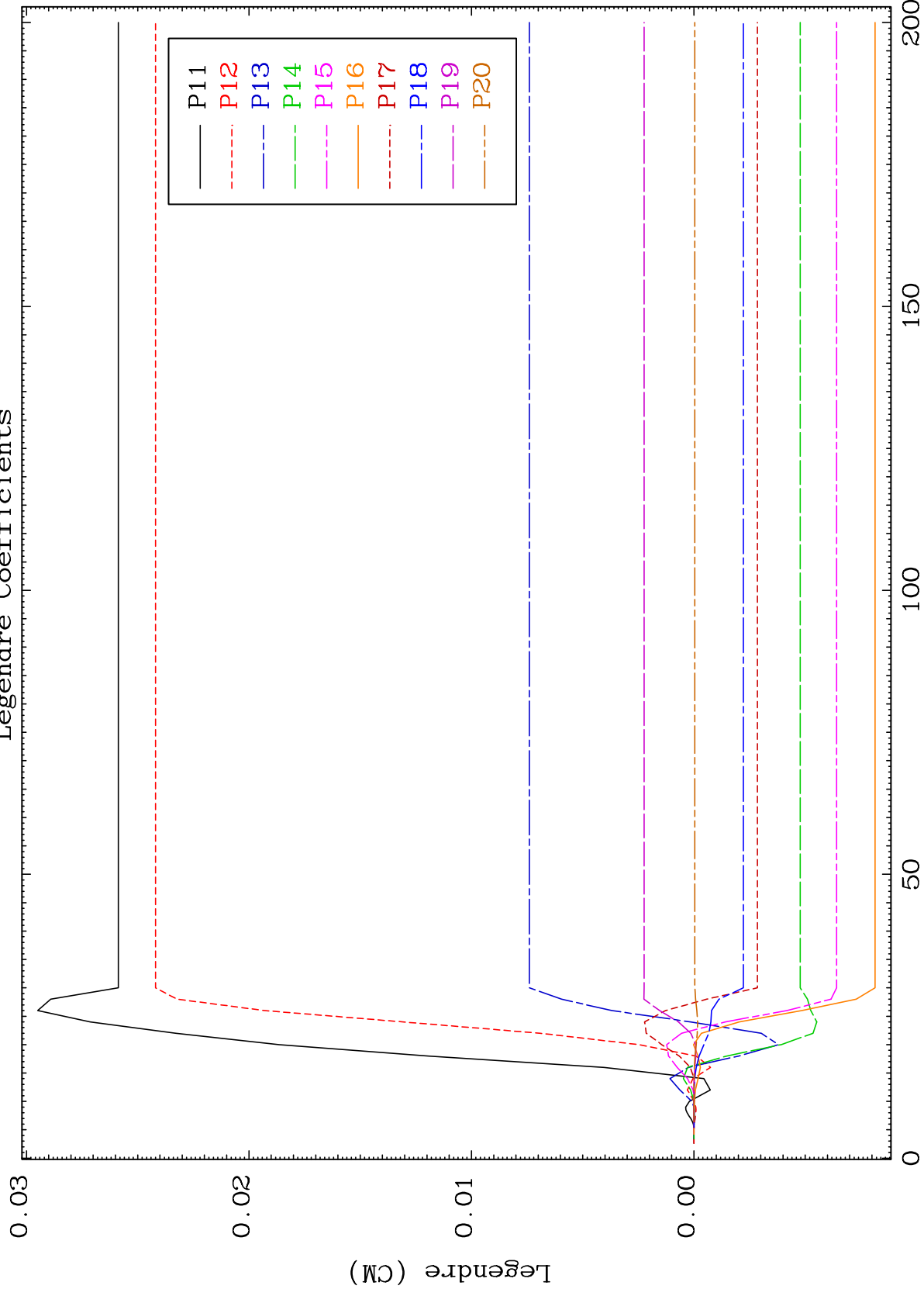
Incident Energy (MeV)

95

MAT 7849

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

78-Pt-198



96

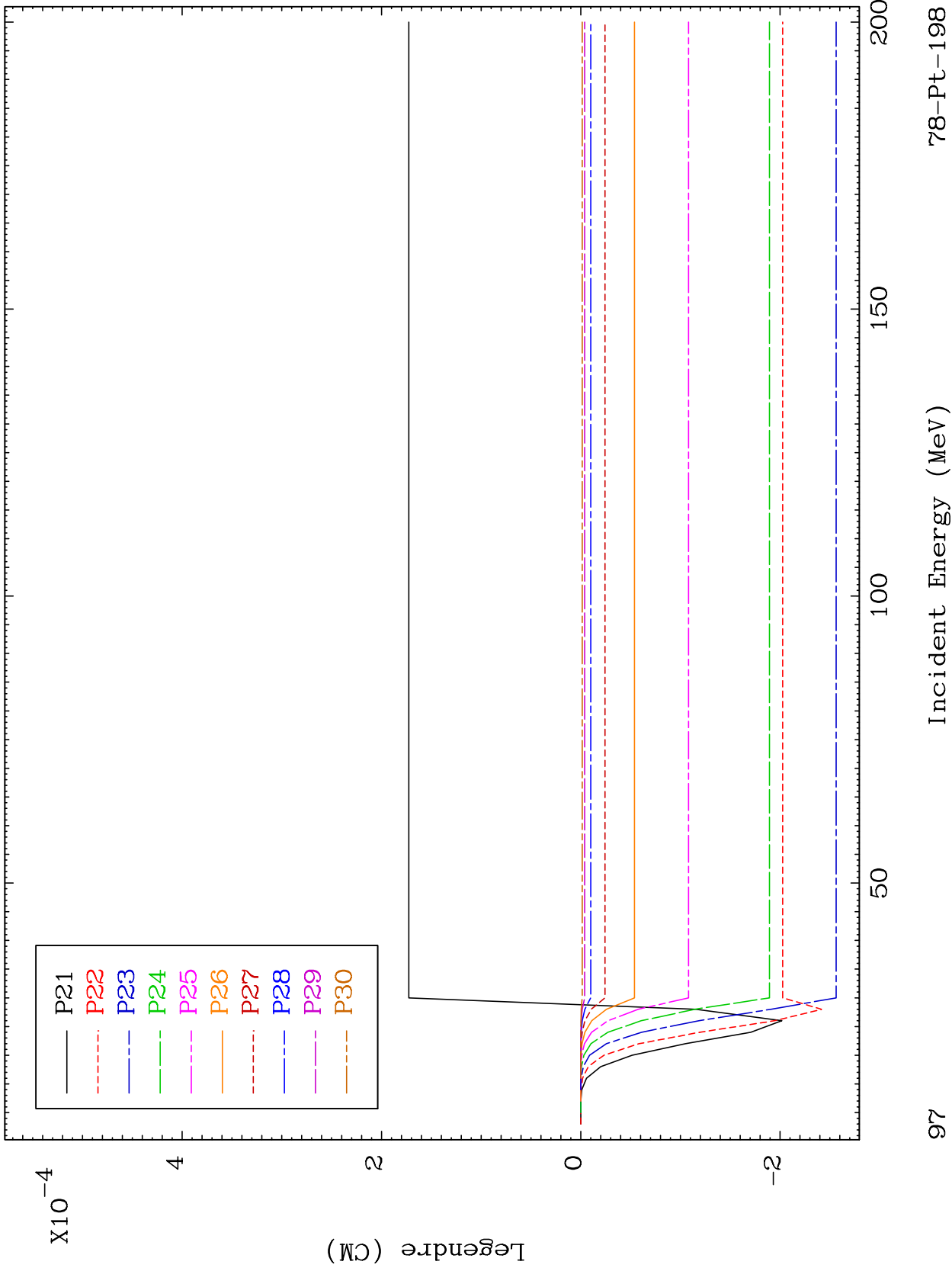
Incident Energy (MeV)

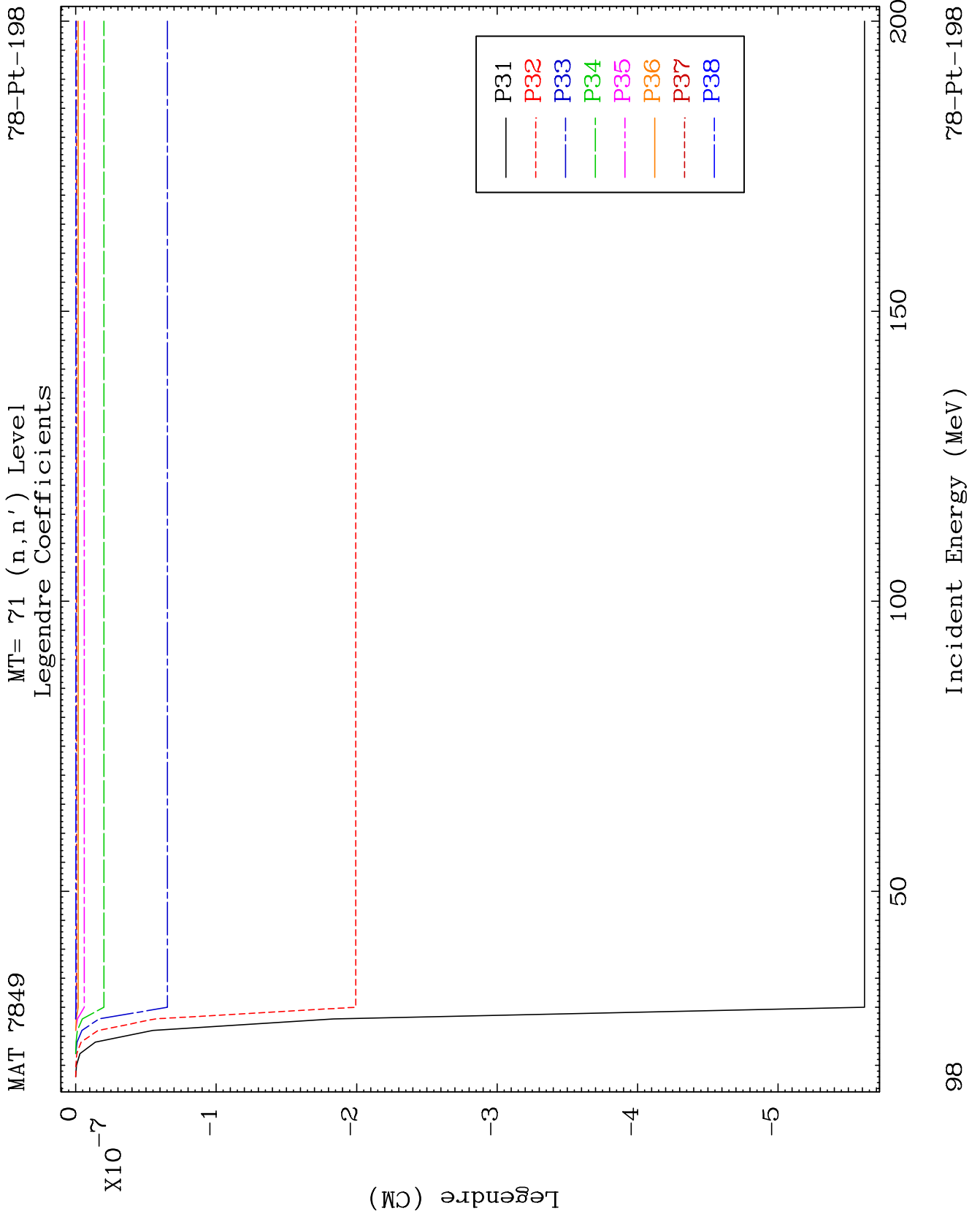
78-Pt-198

MAT 7849

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

78-Pt-198

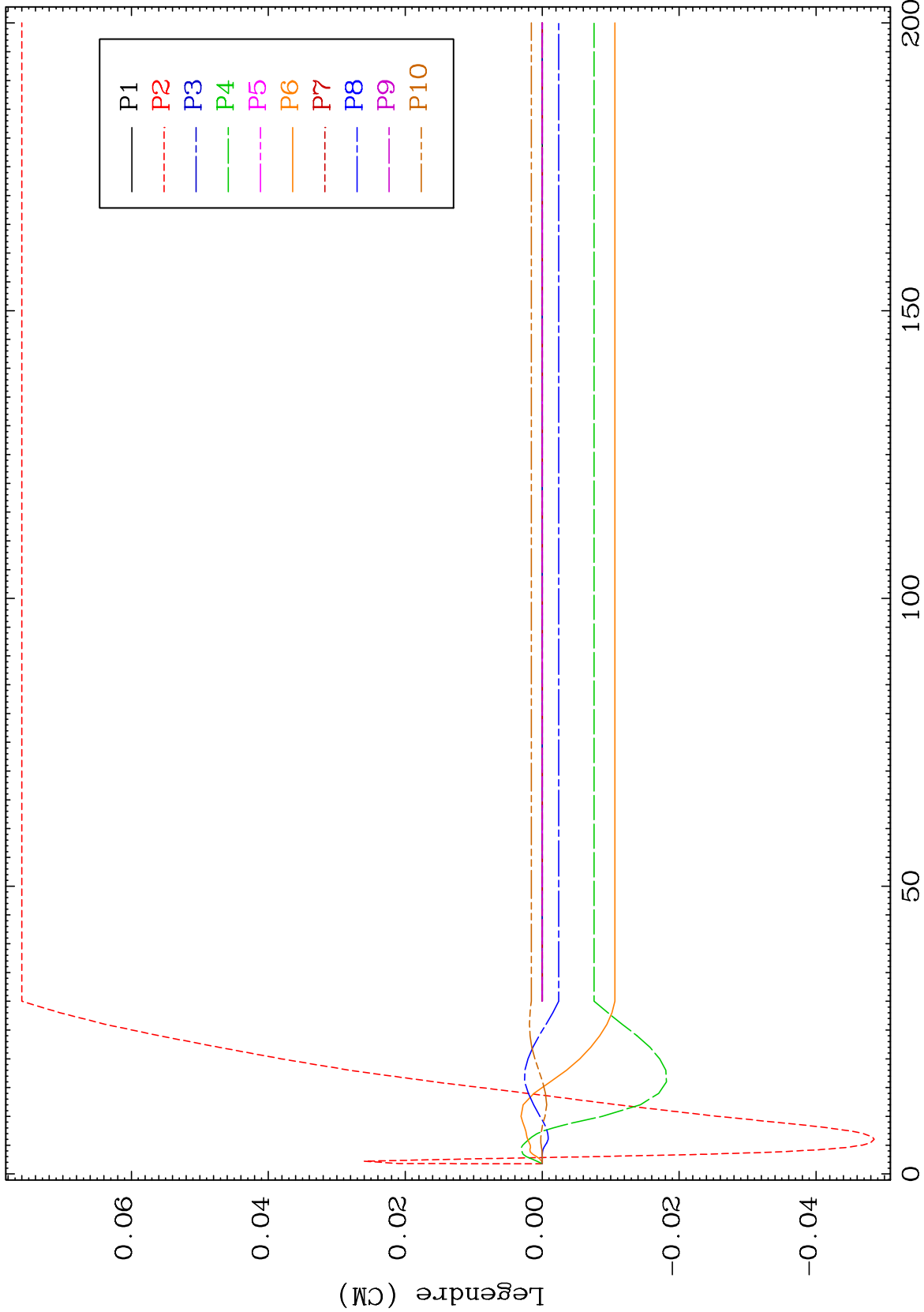




MAT 7849

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

78-Pt-198



99

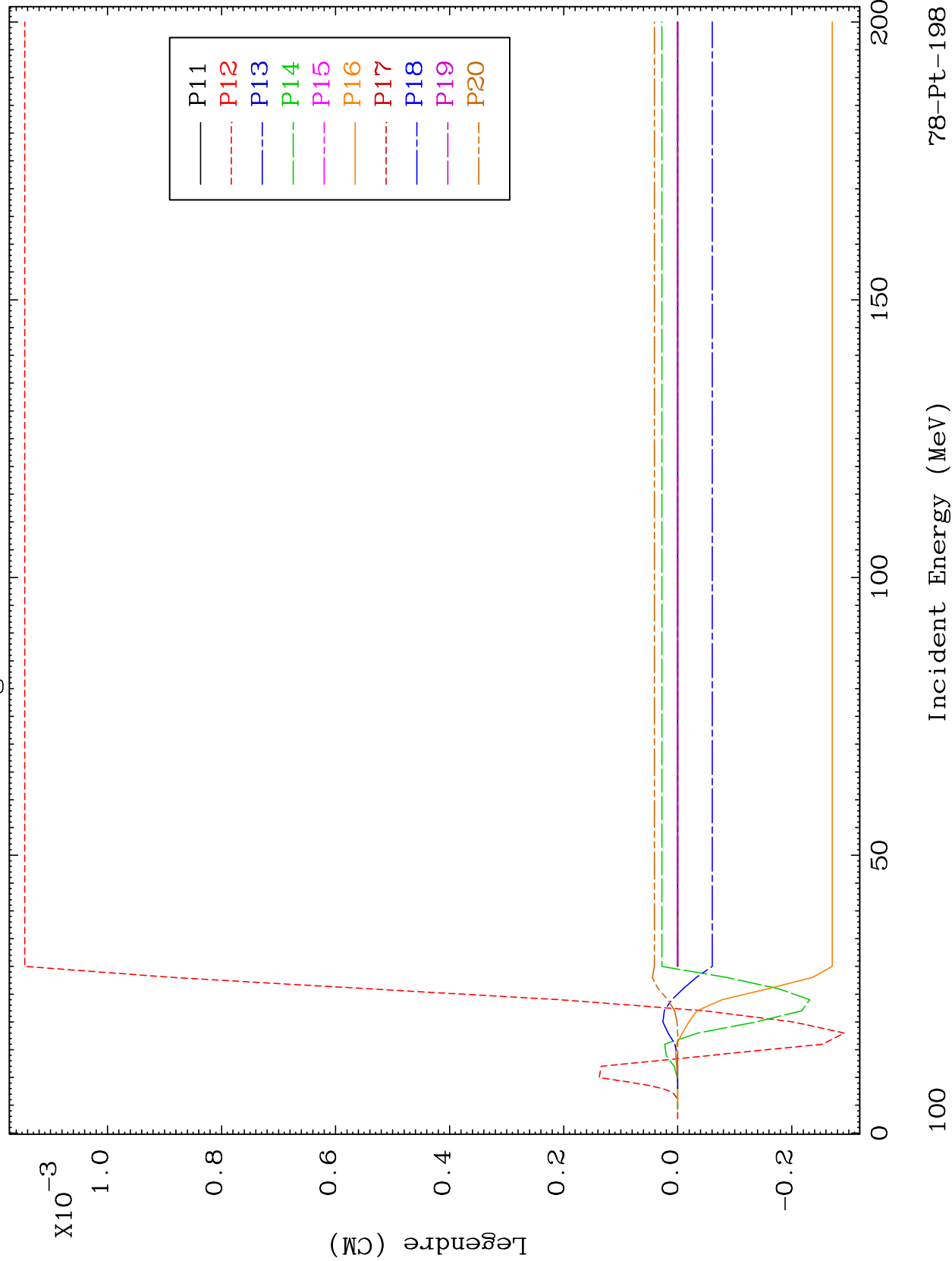
Incident Energy (MeV)

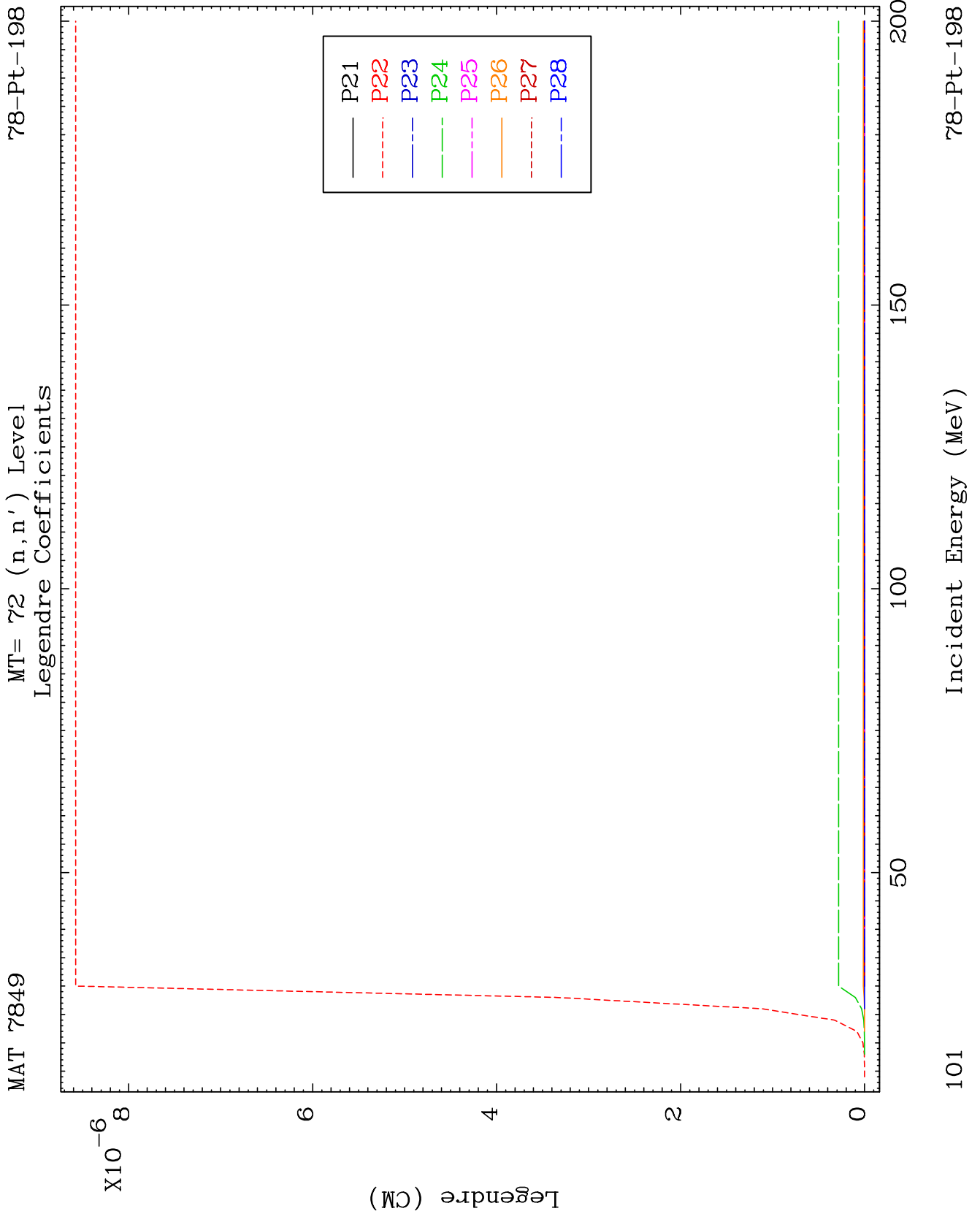
78-Pt-198

MAT 7849

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

78-Pt-198

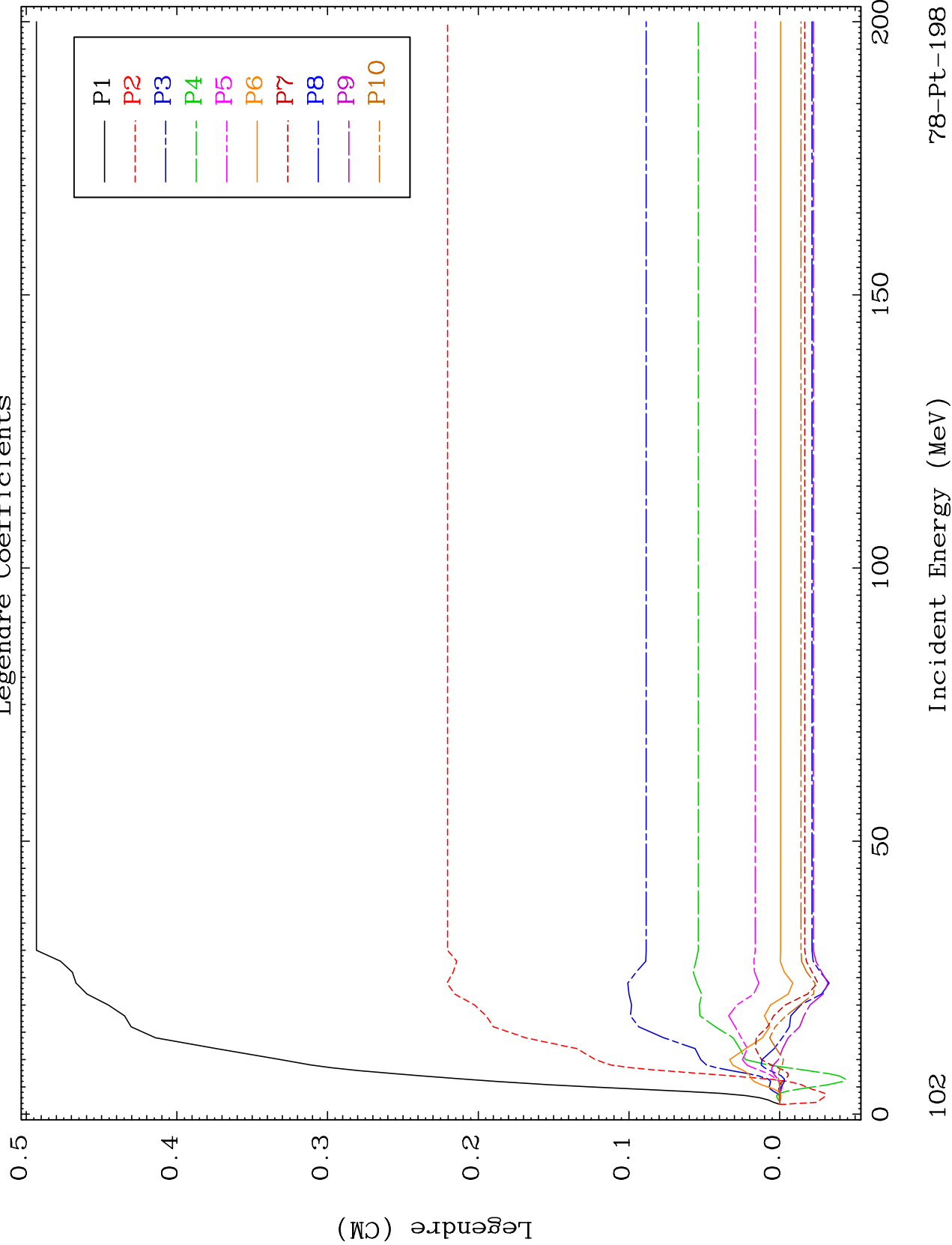




MAT 7849

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

78-Pt-198



78-Pt-198

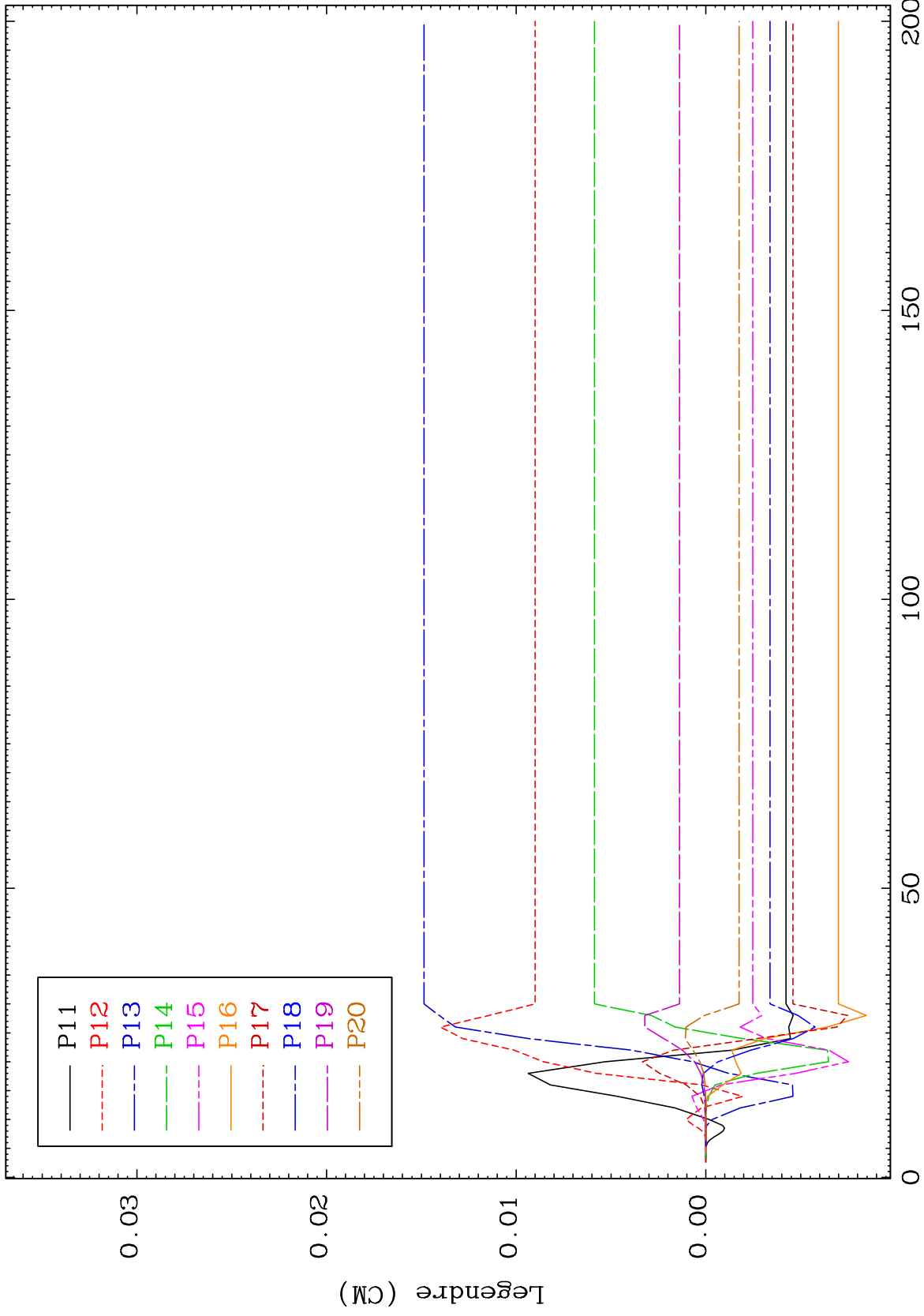
Incident Energy (MeV)

102

MAT 7849

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

78-Pt-198



103

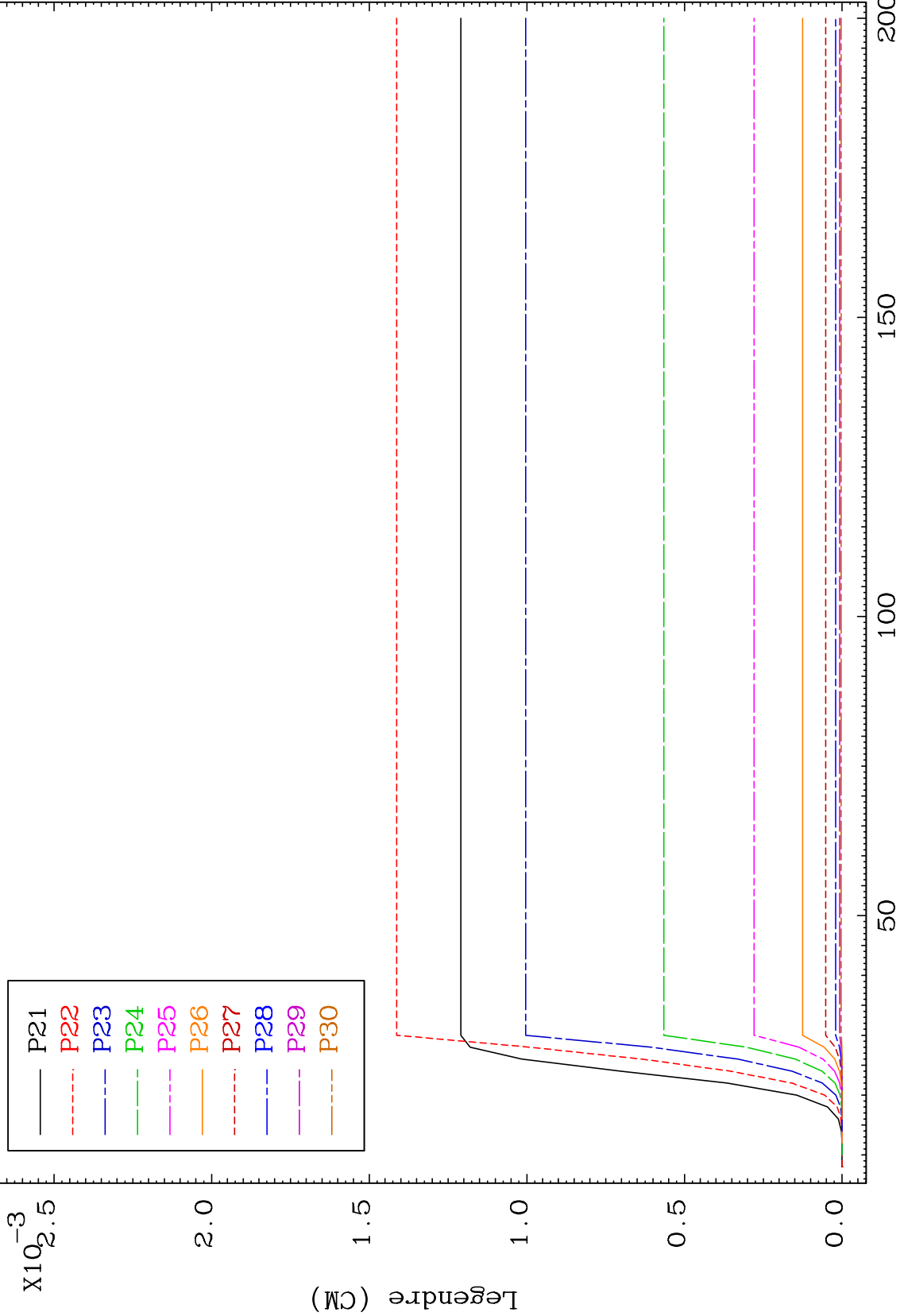
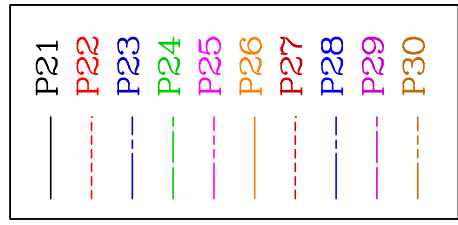
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



104

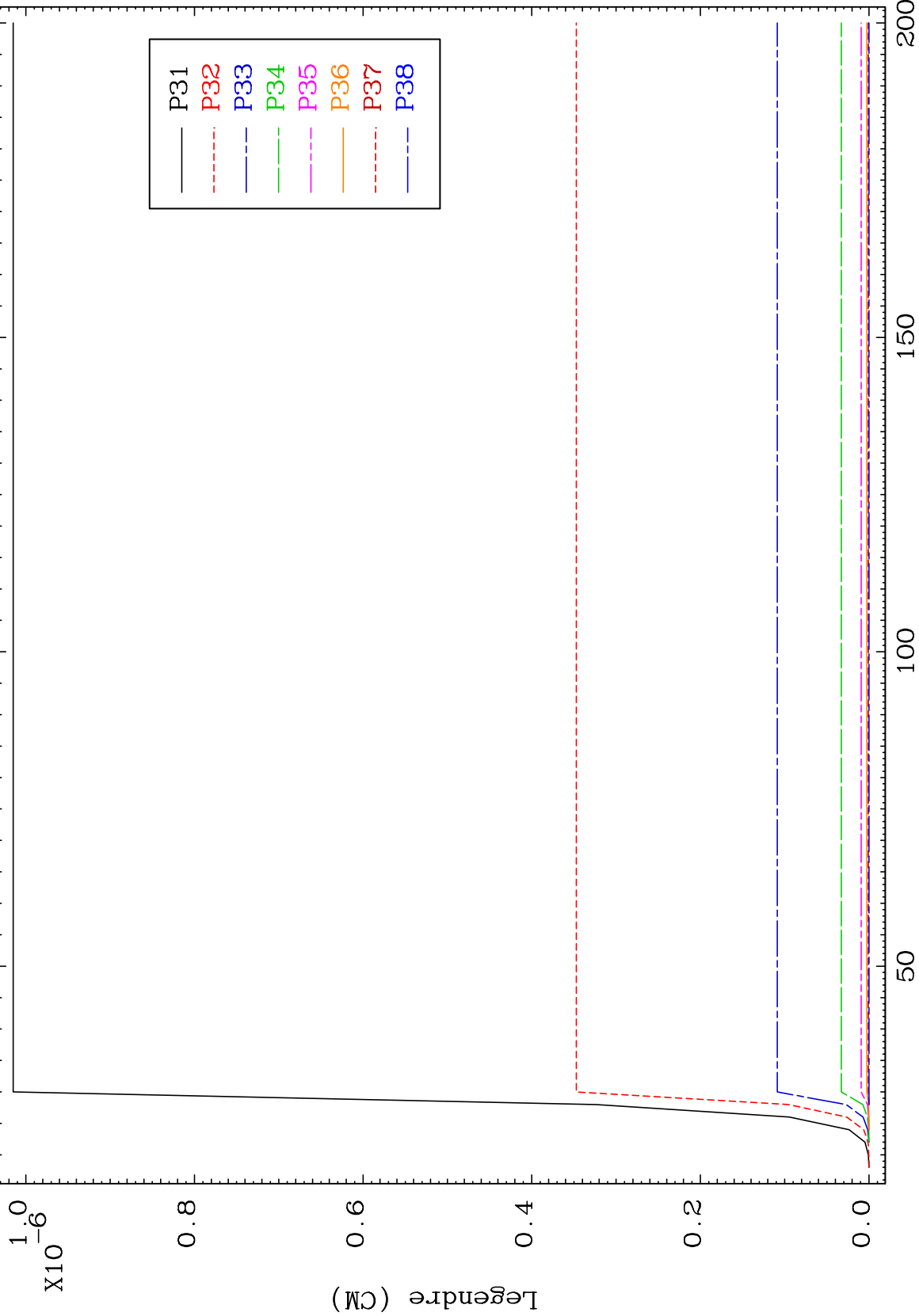
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

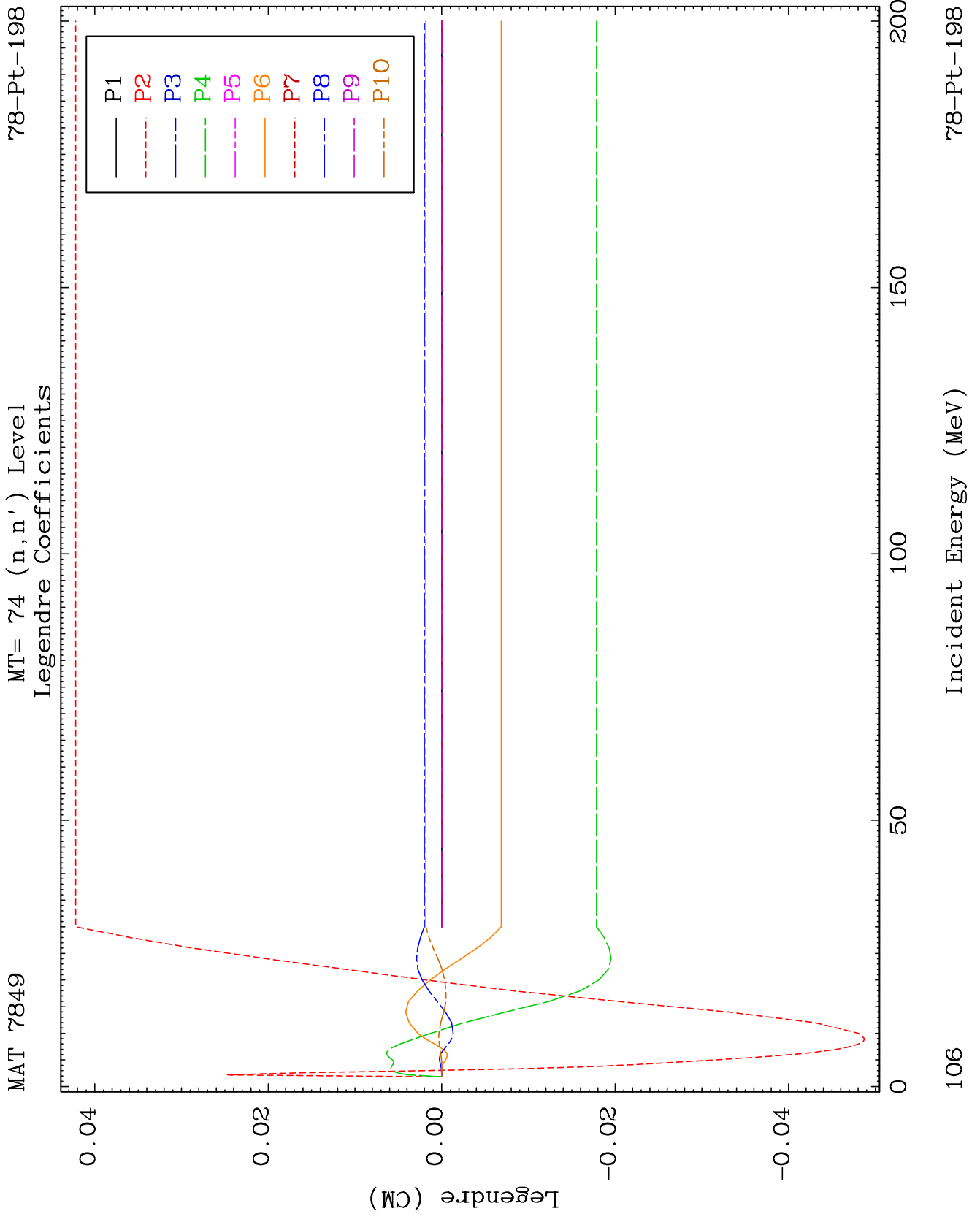
78-Pt-198



105

Incident Energy (MeV)

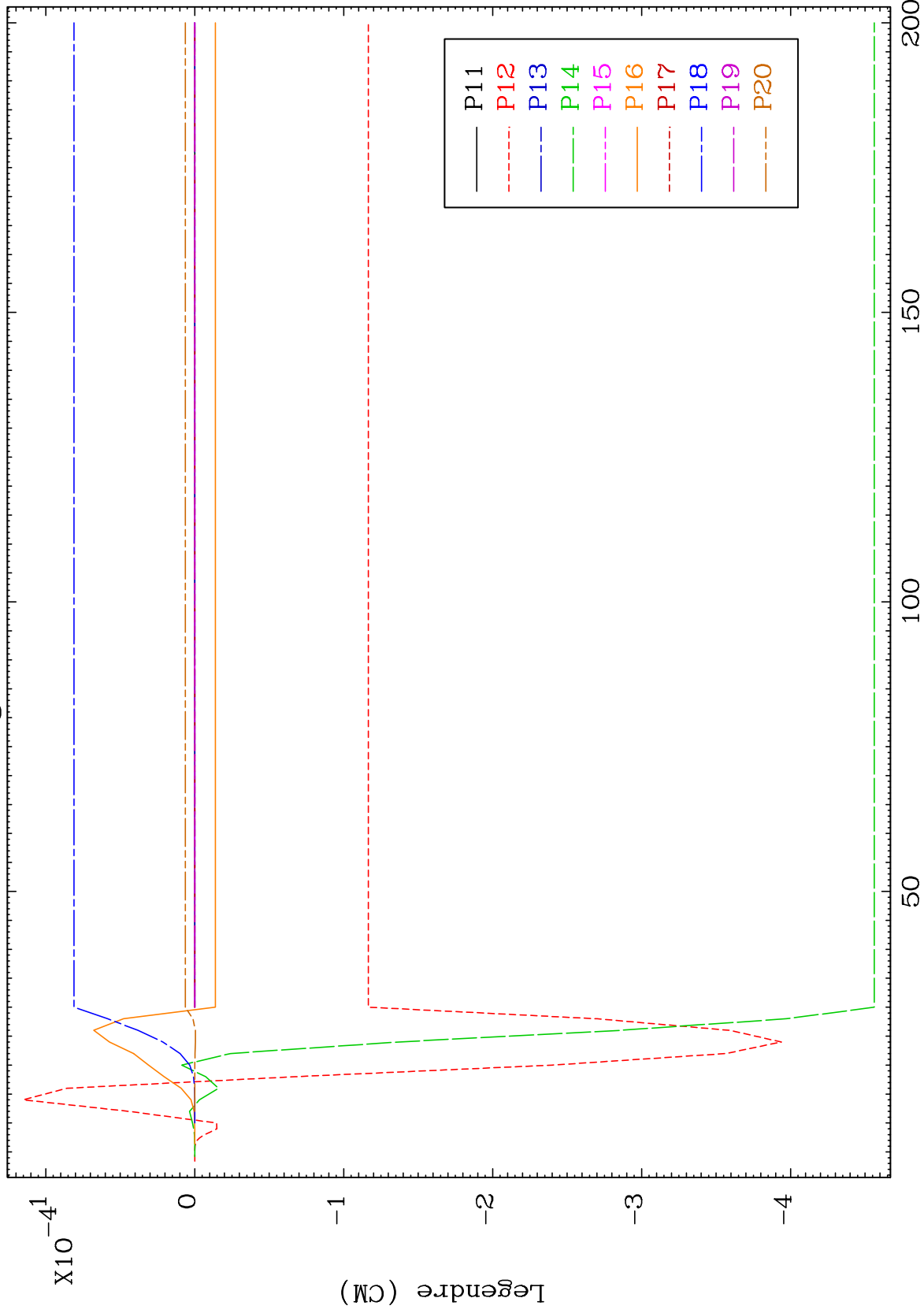
78-Pt-198



MAT 7849

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

78-Pt-198



107

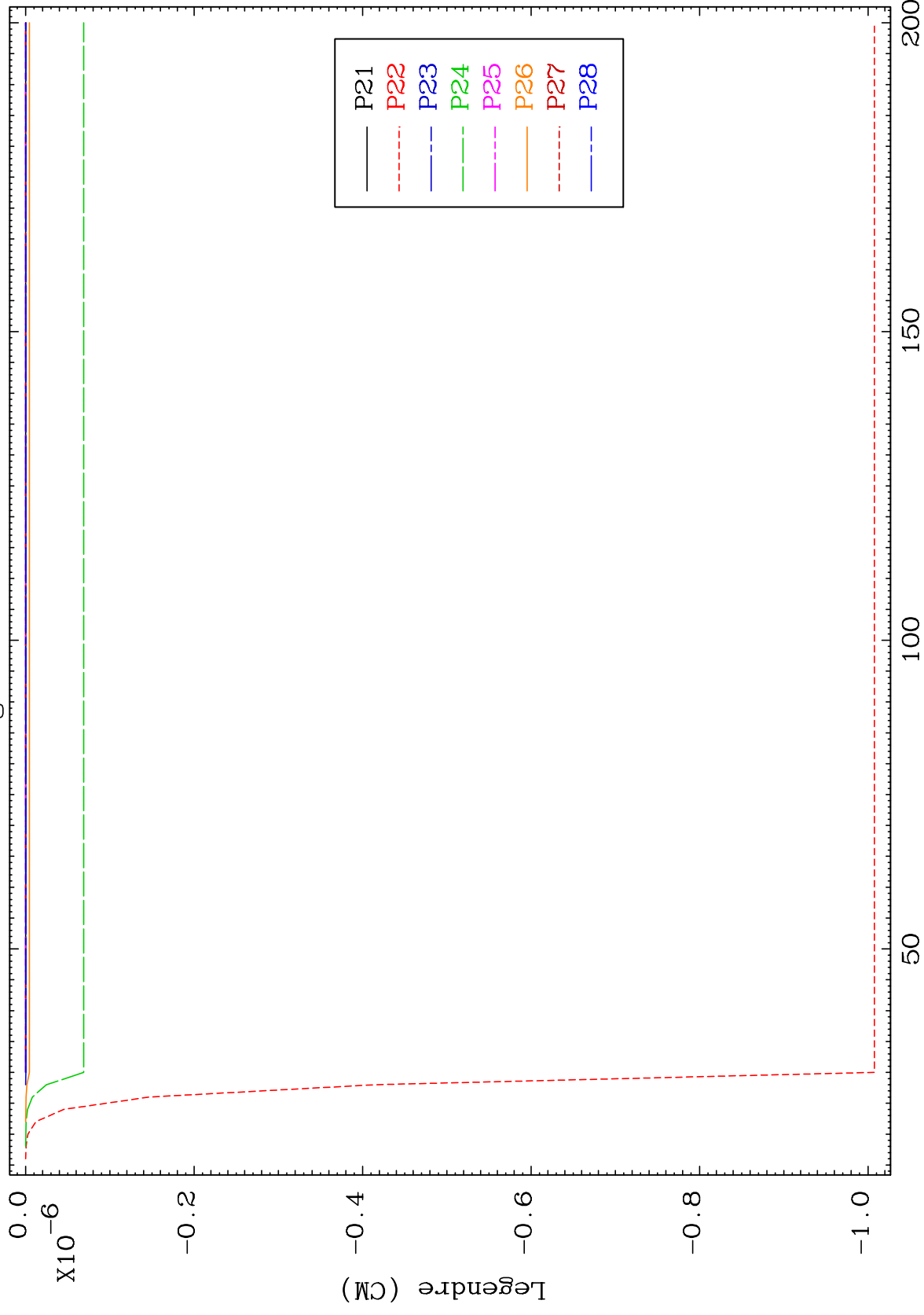
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



108

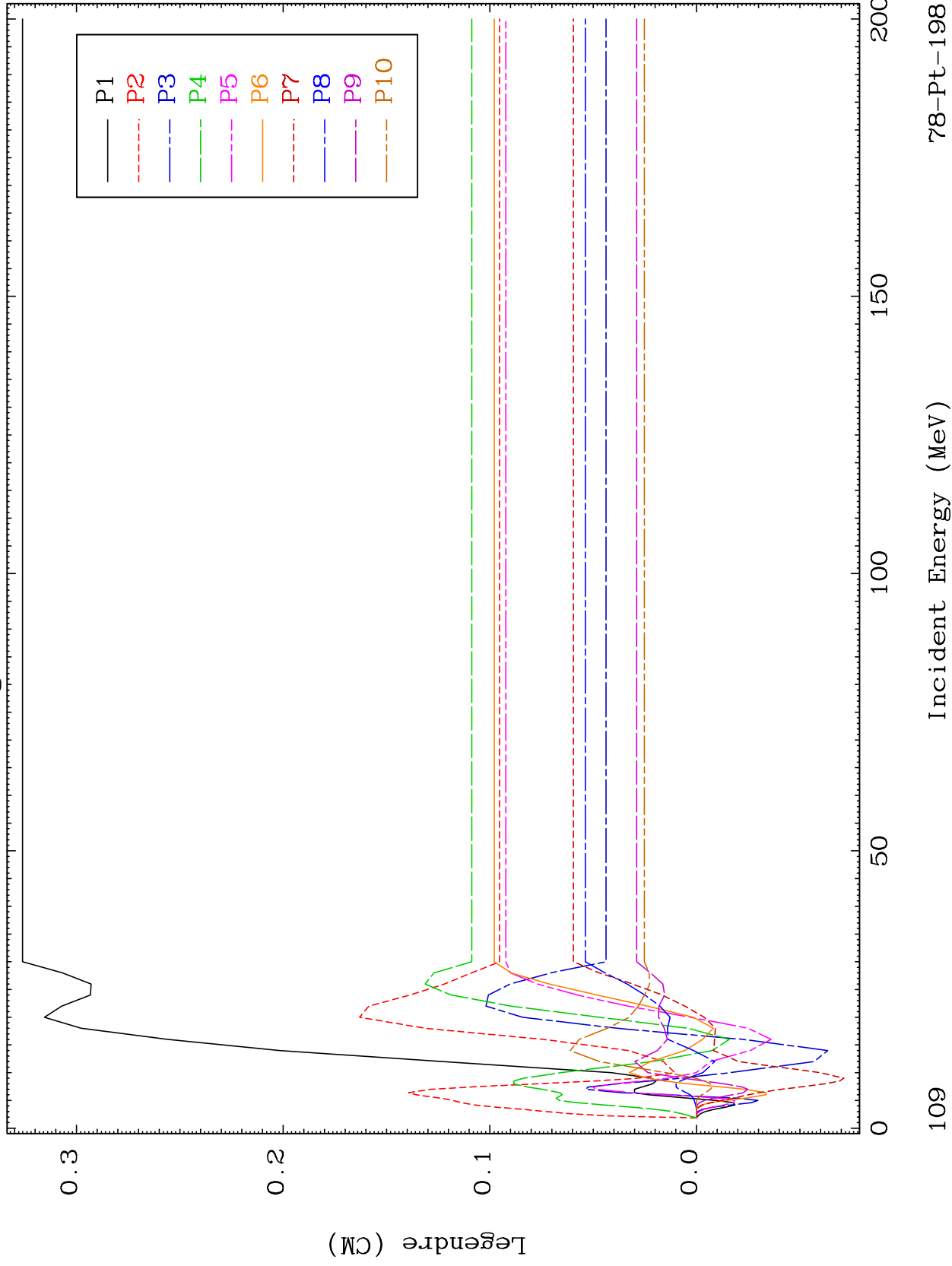
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

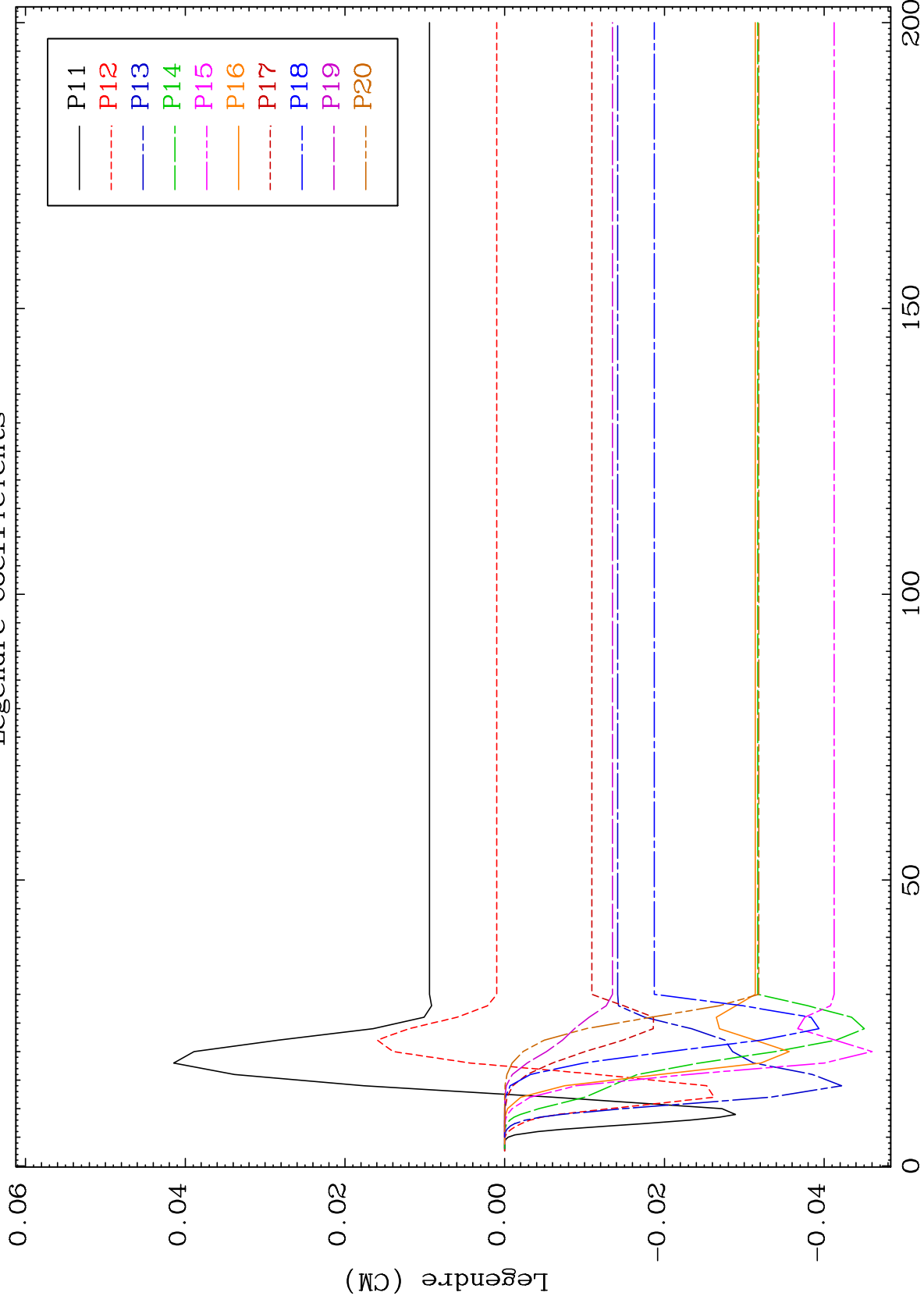
78-Pt-198



MAT 7849

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

78-Pt-198



110

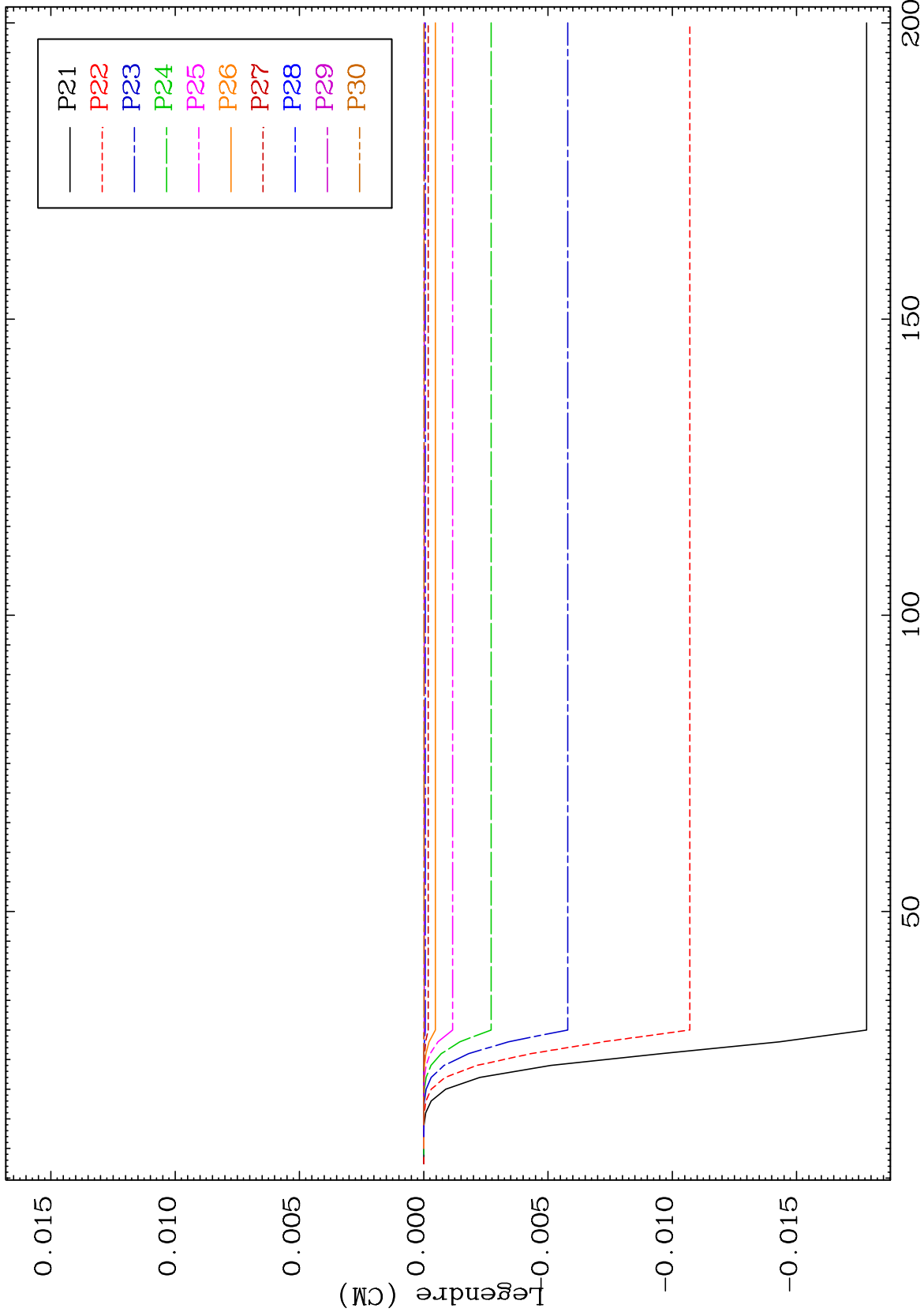
Incident Energy (MeV)

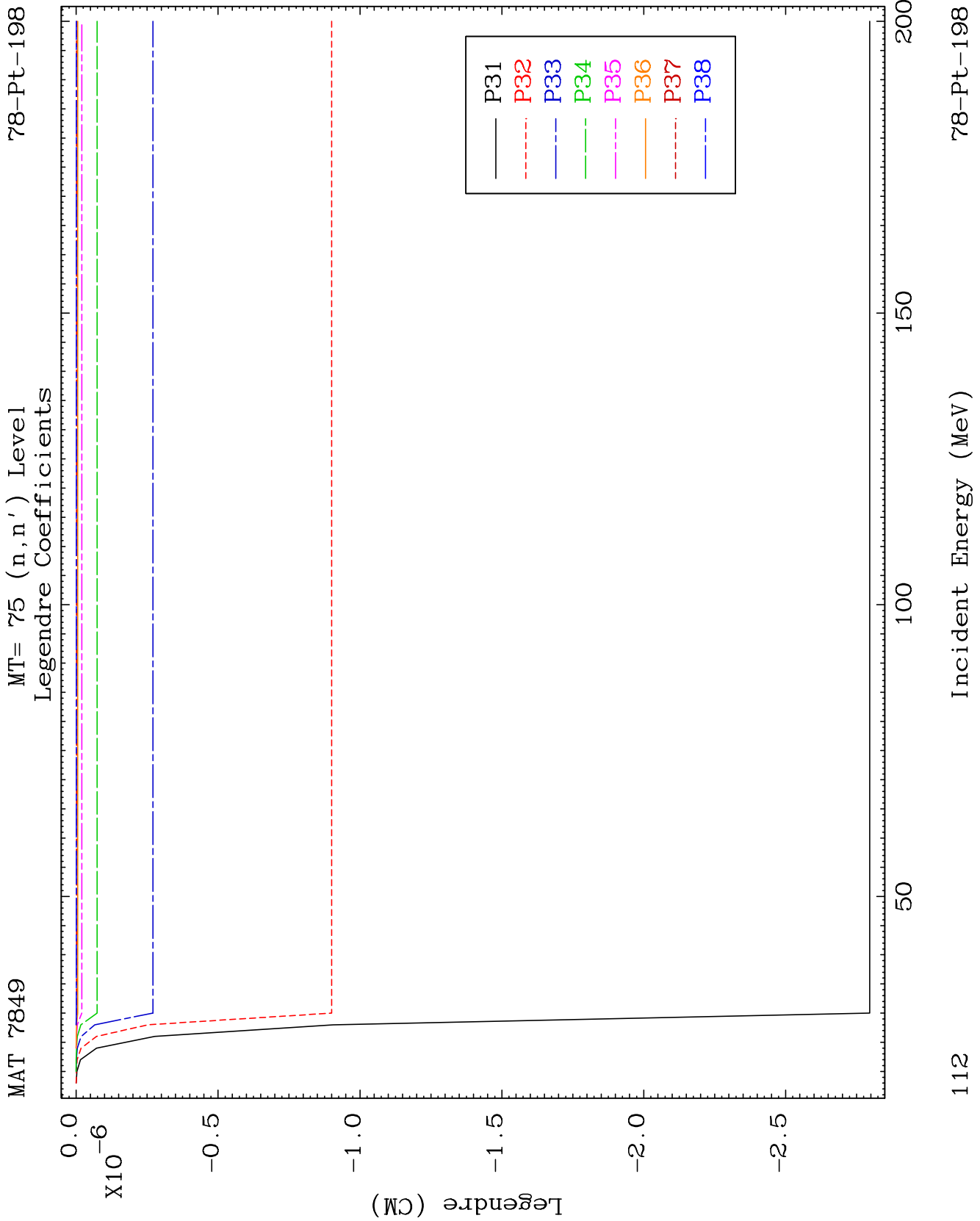
78-Pt-198

MAT 7849

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

78-Pt-198

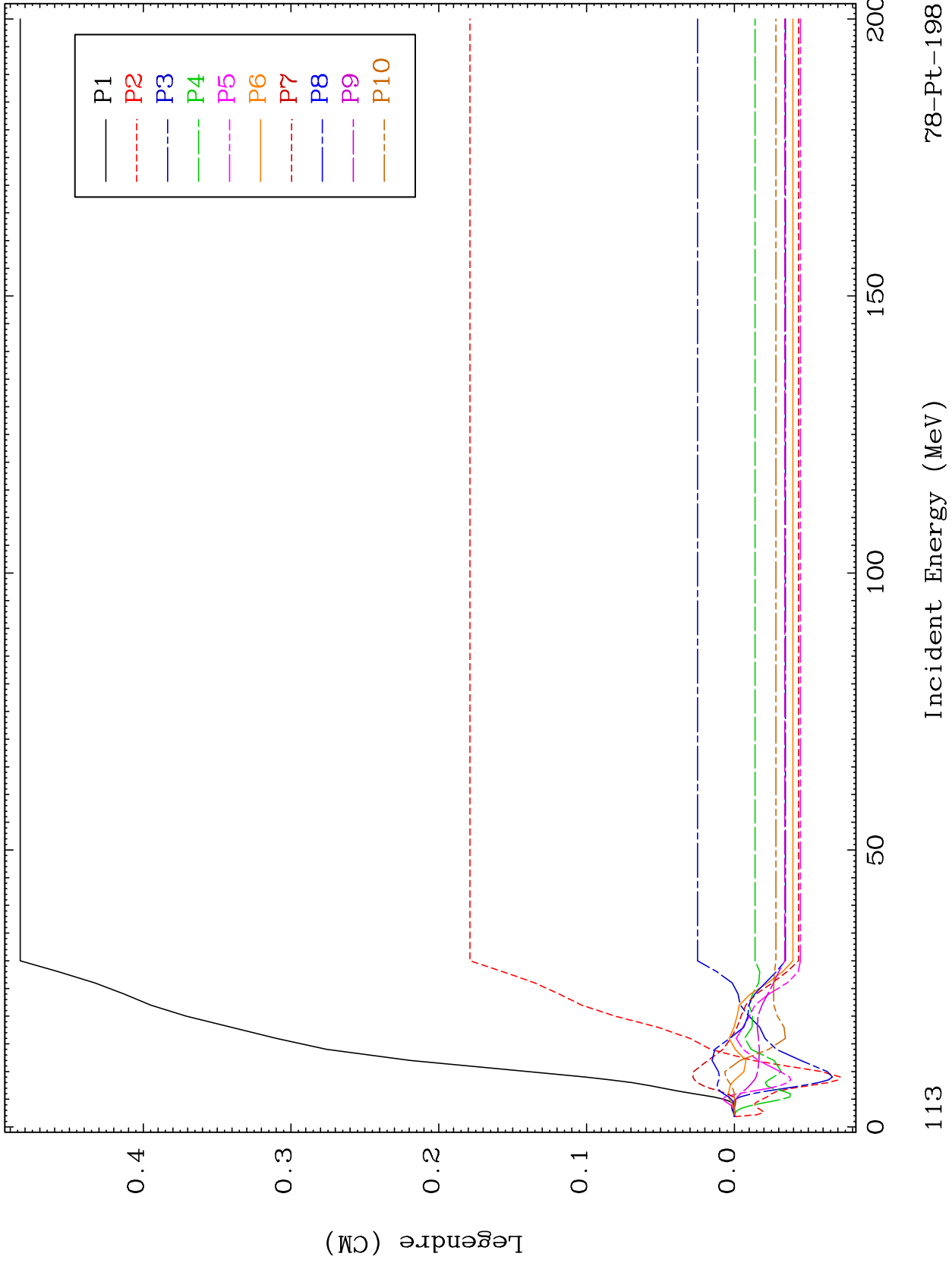




MAT 7849

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

78-Pt-198

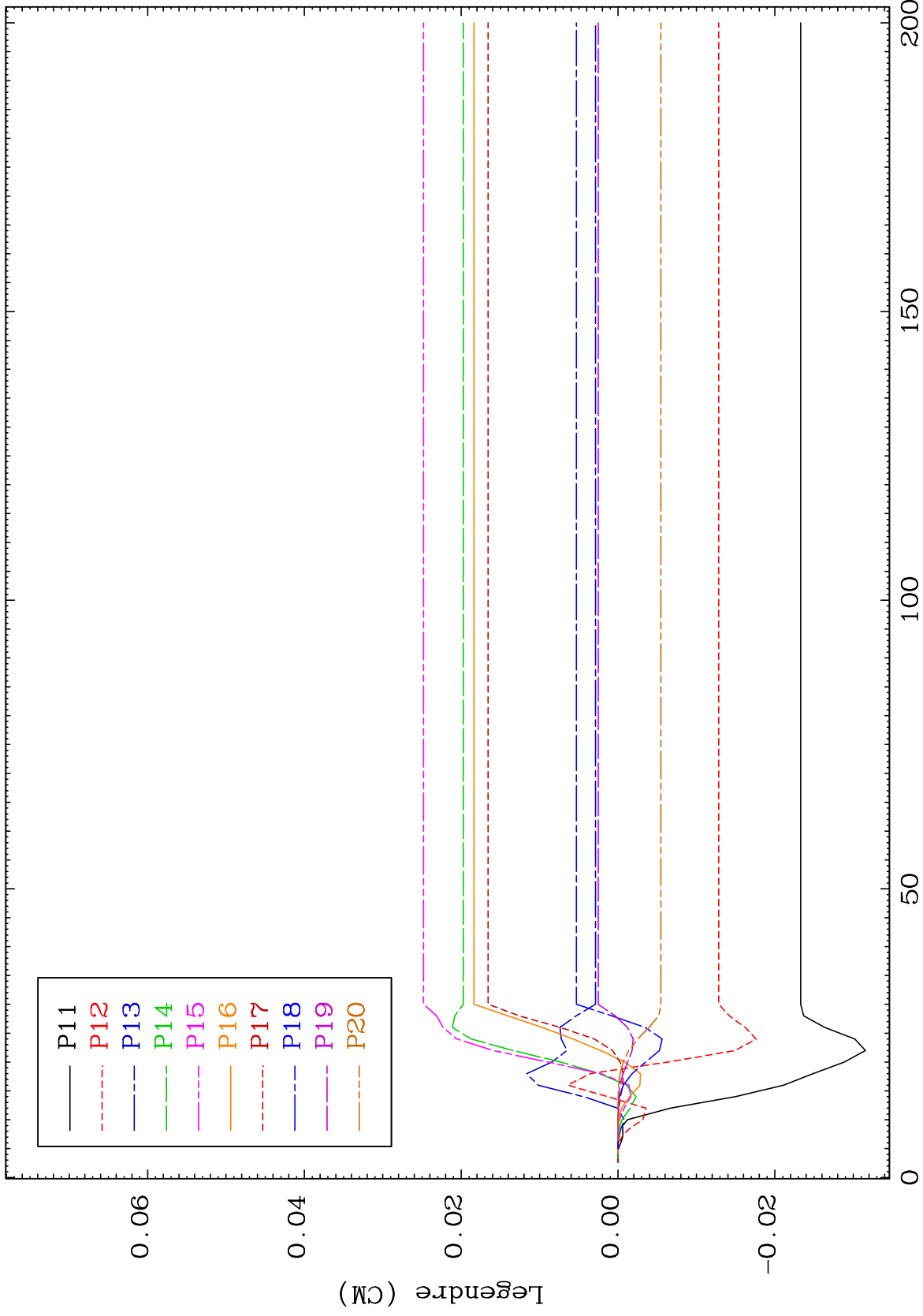


113

MAT 7849

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

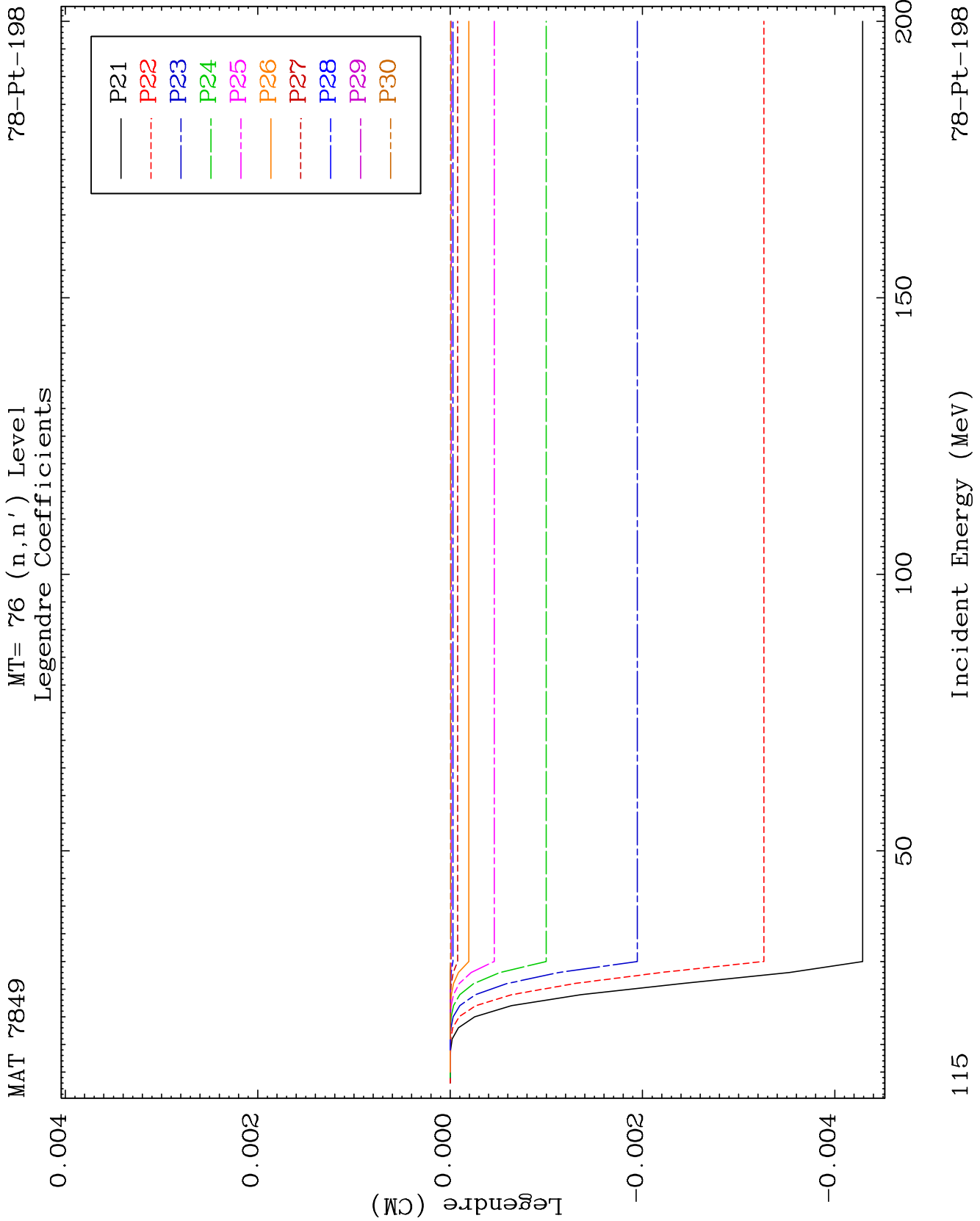
78-Pt-198

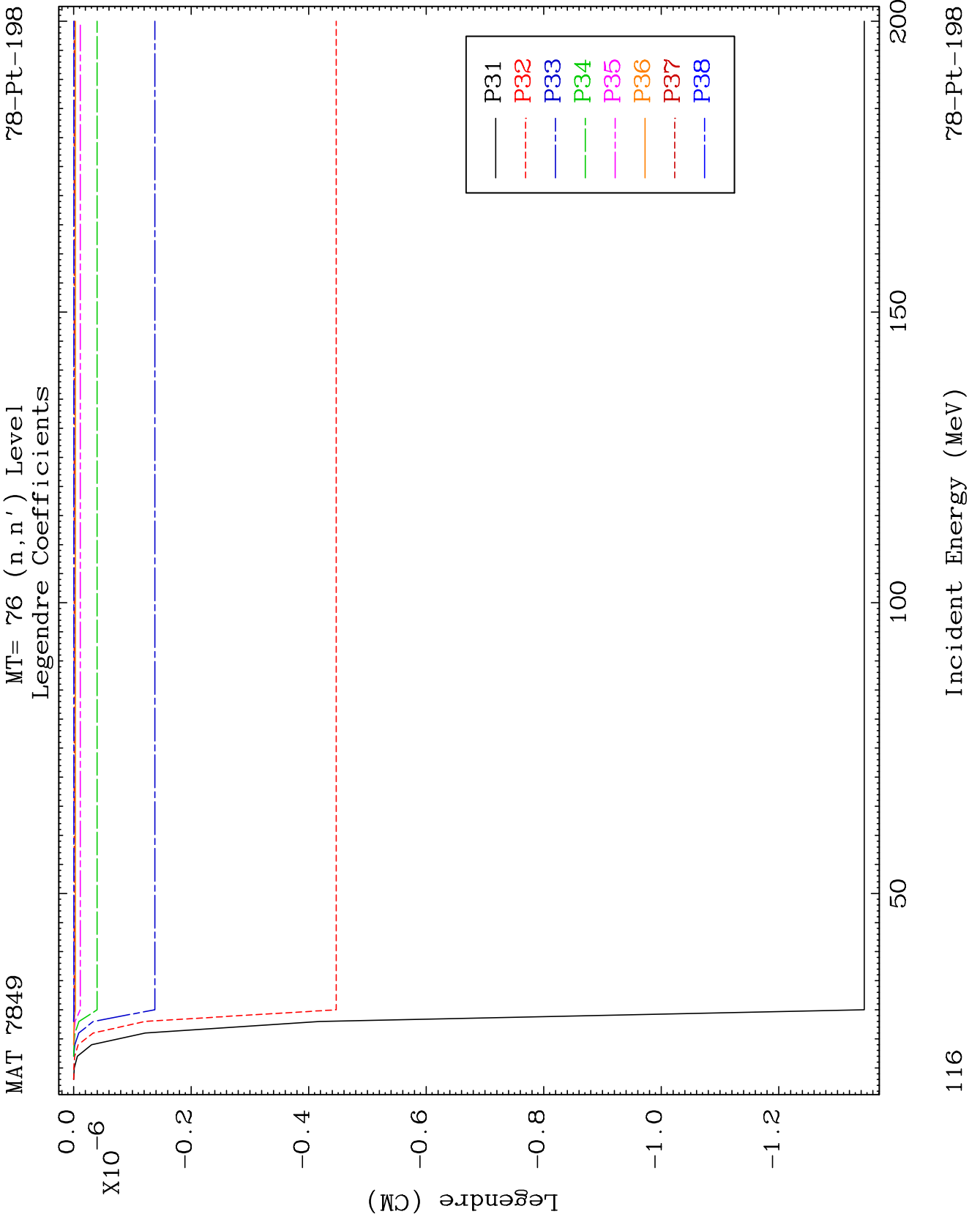


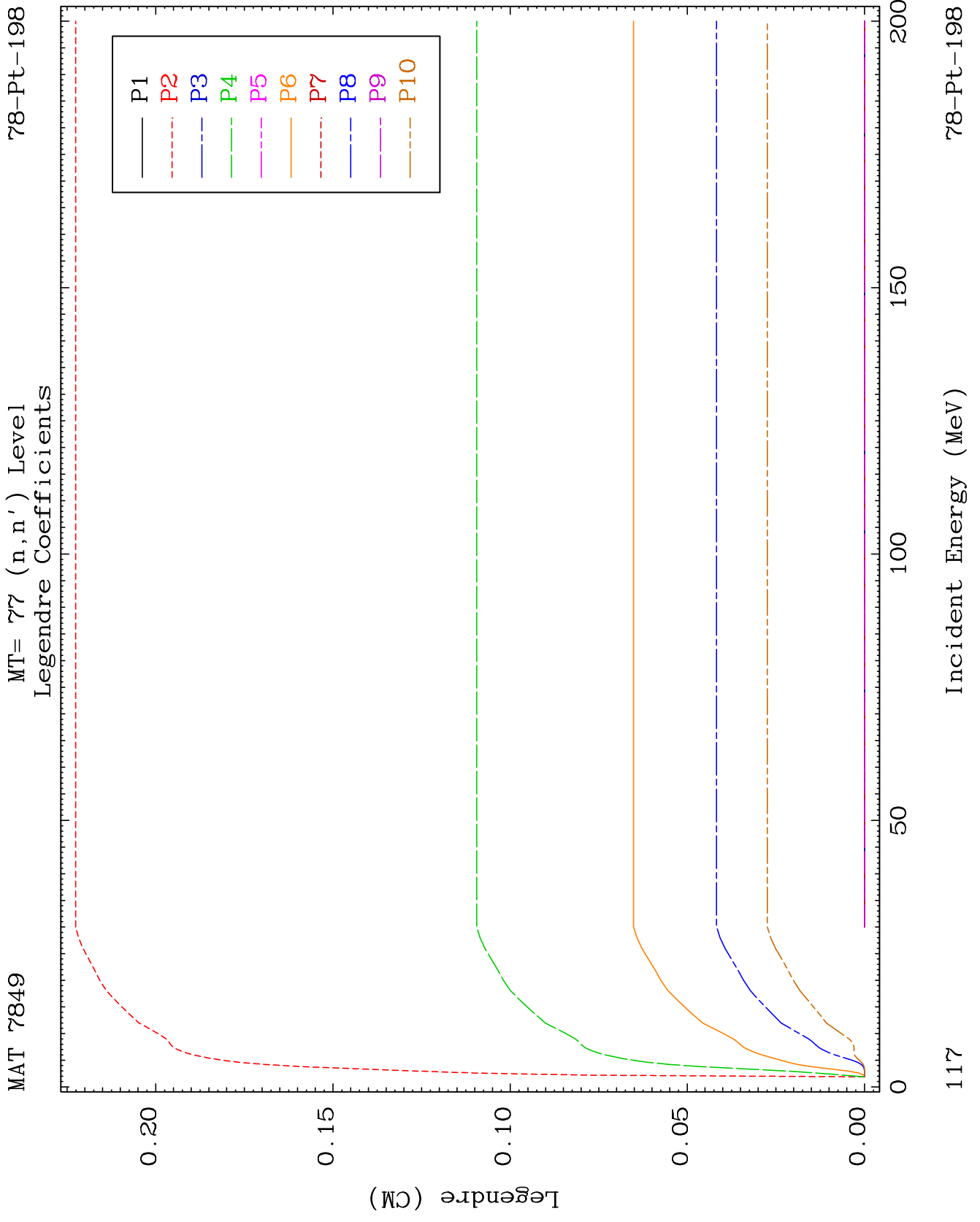
114

Incident Energy (MeV)

78-Pt-198



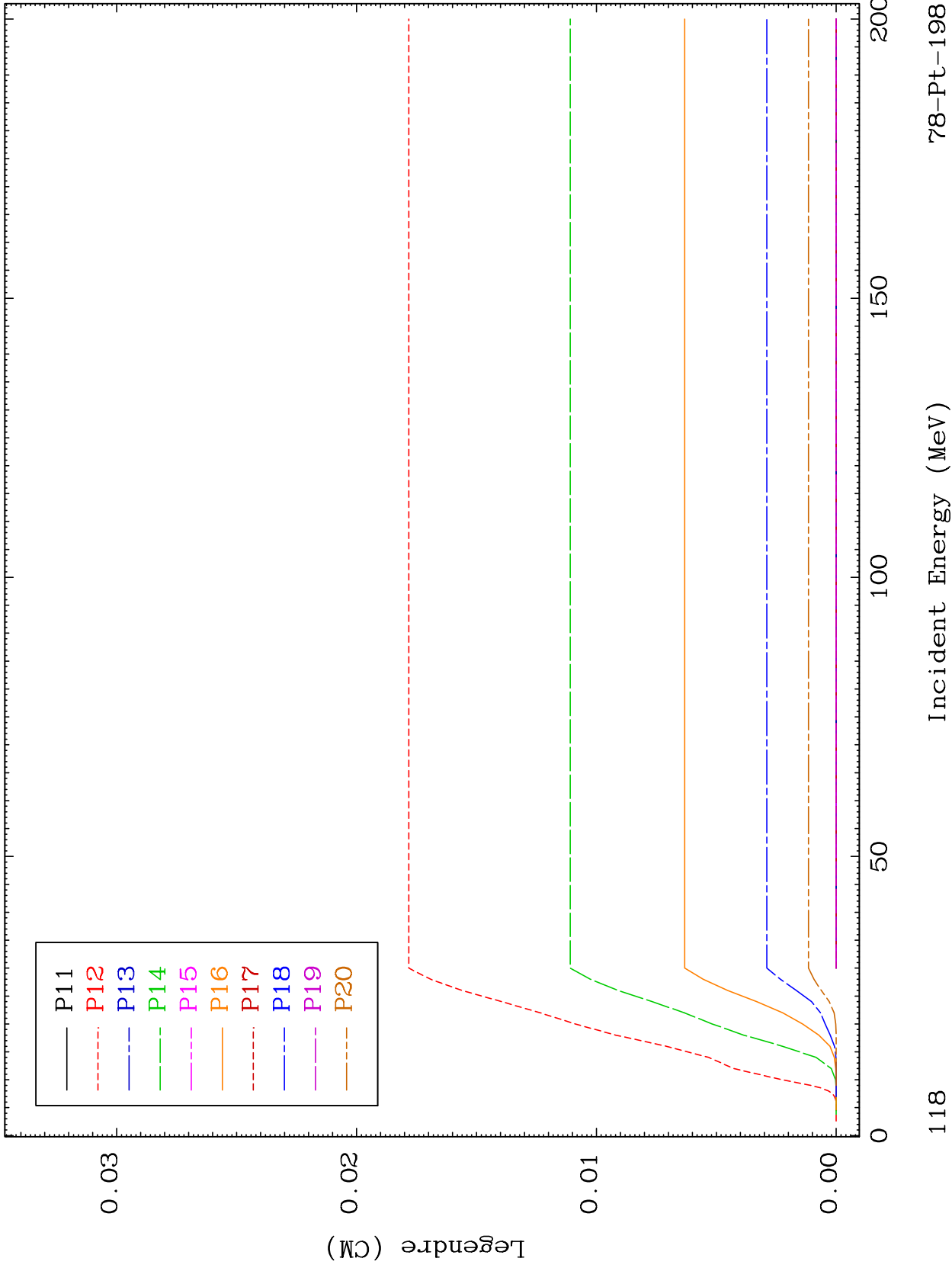




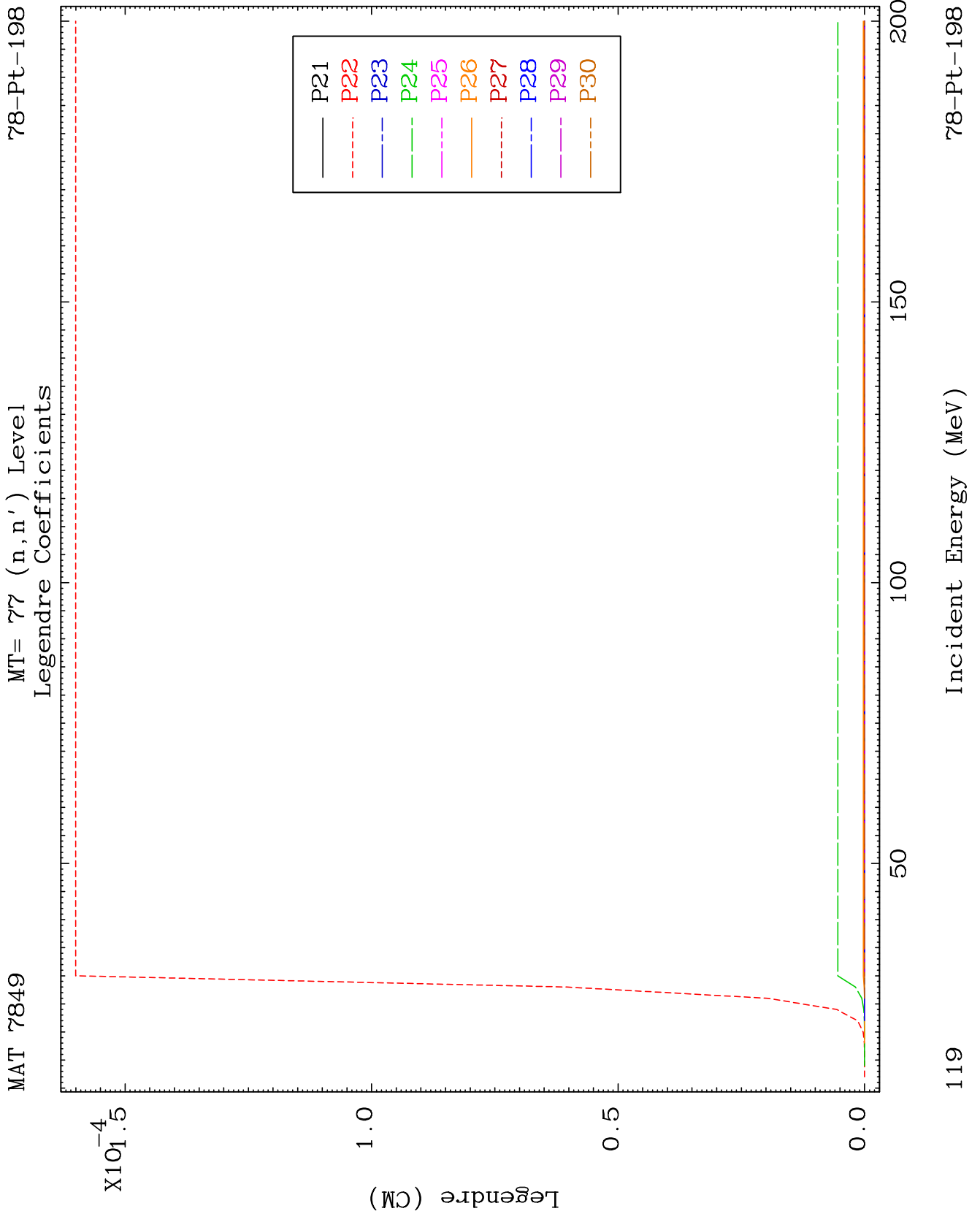
MAT 7849

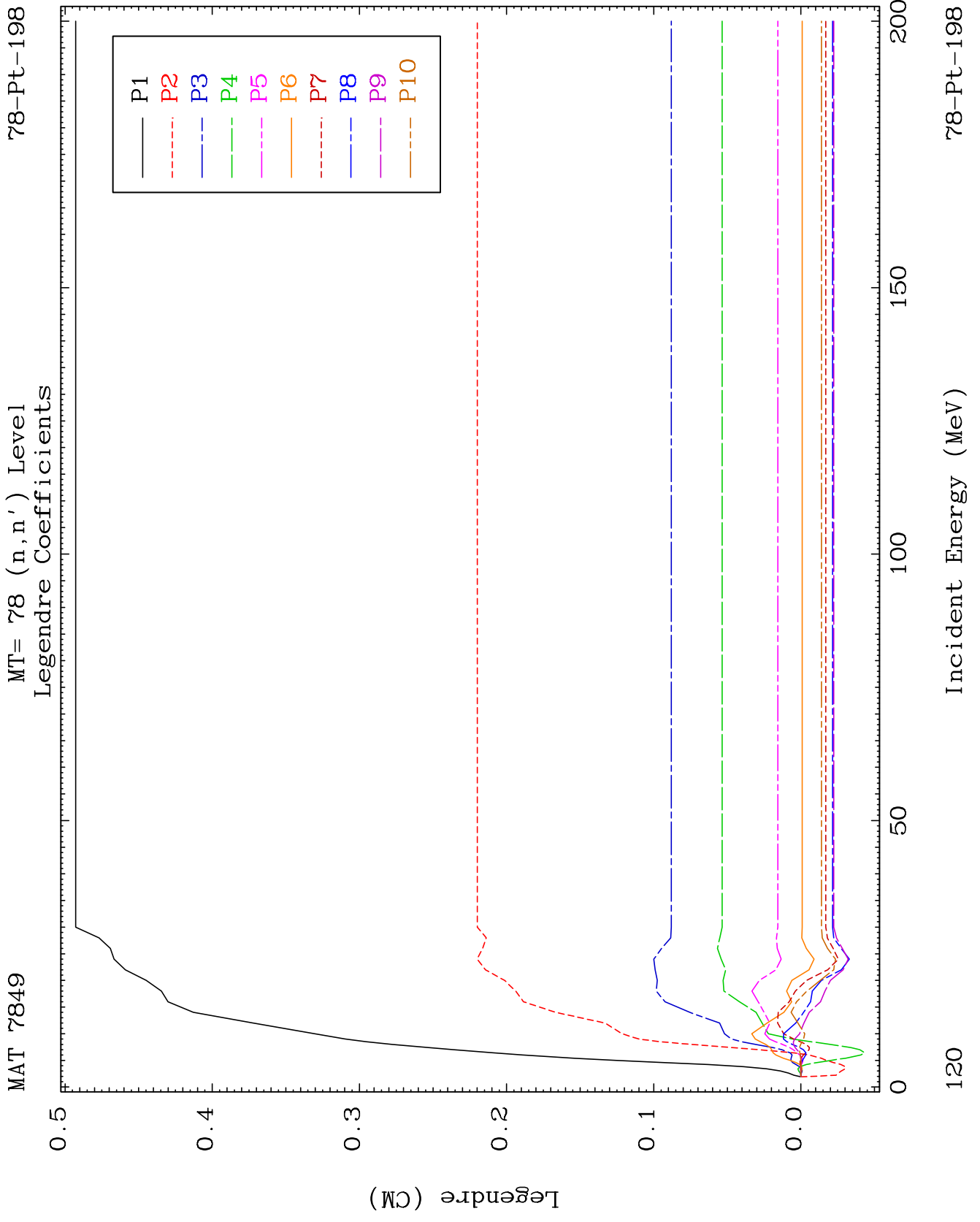
MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-198



118

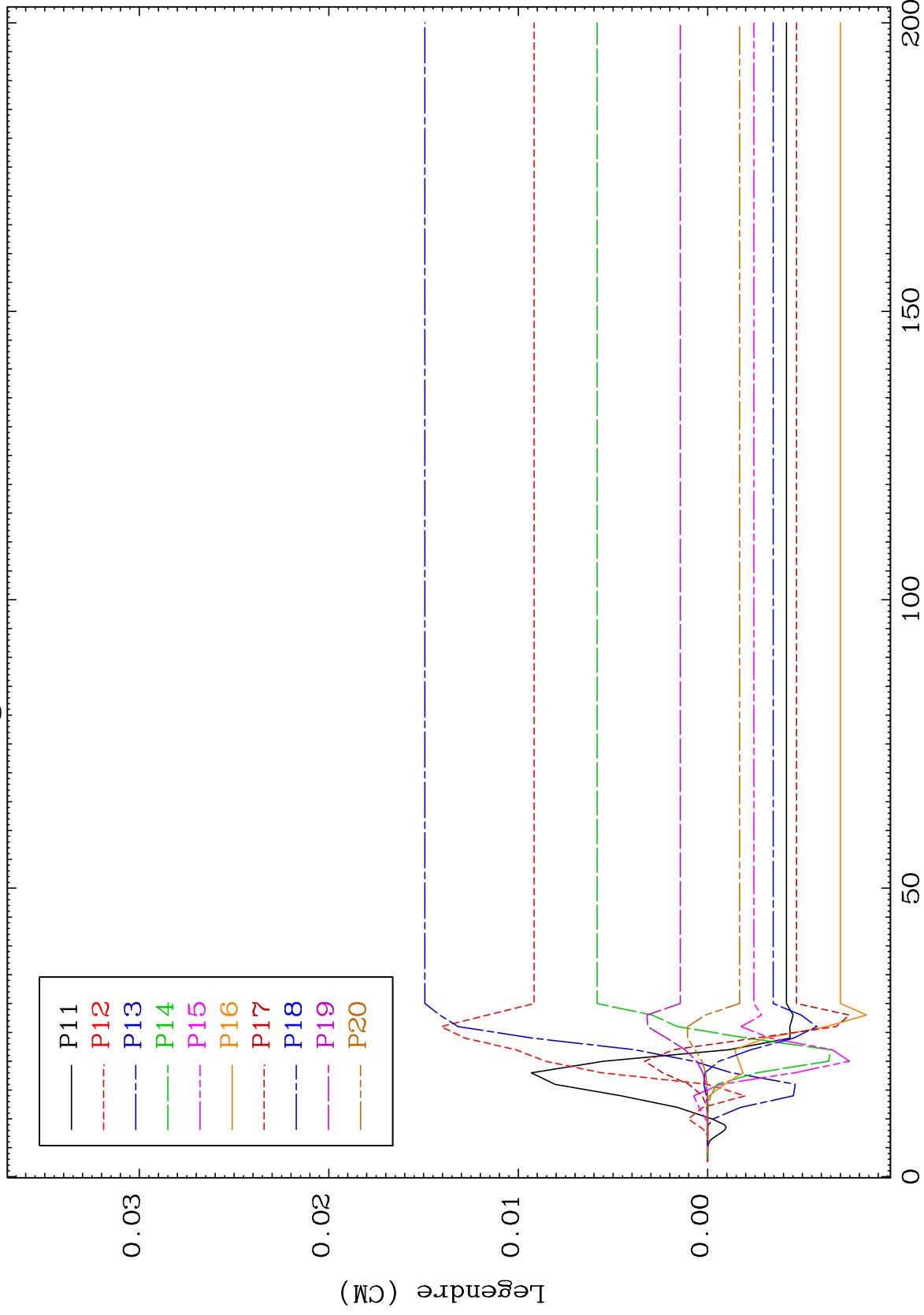




MAT 7849

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

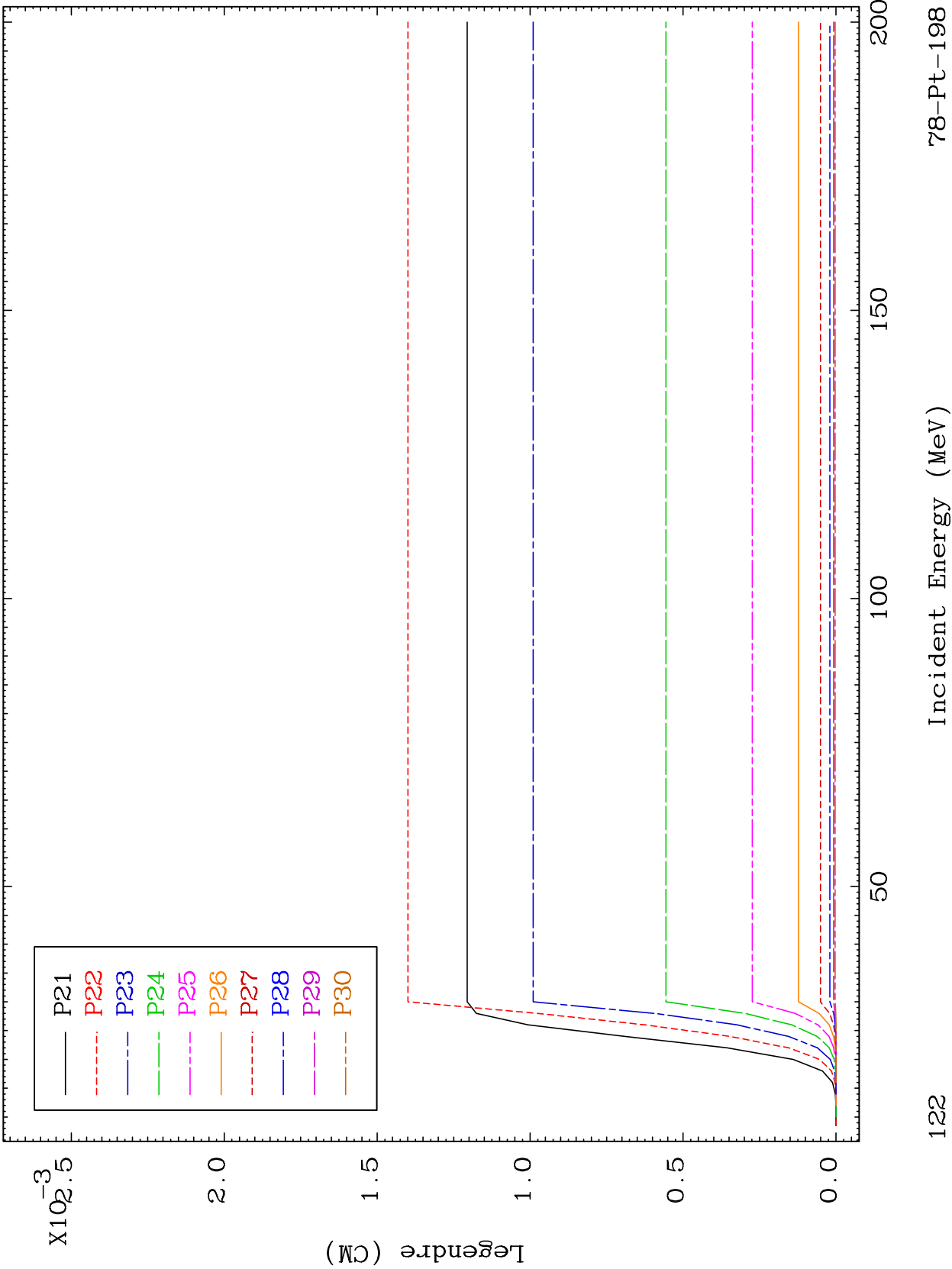
78-Pt-198



121

Incident Energy (MeV)

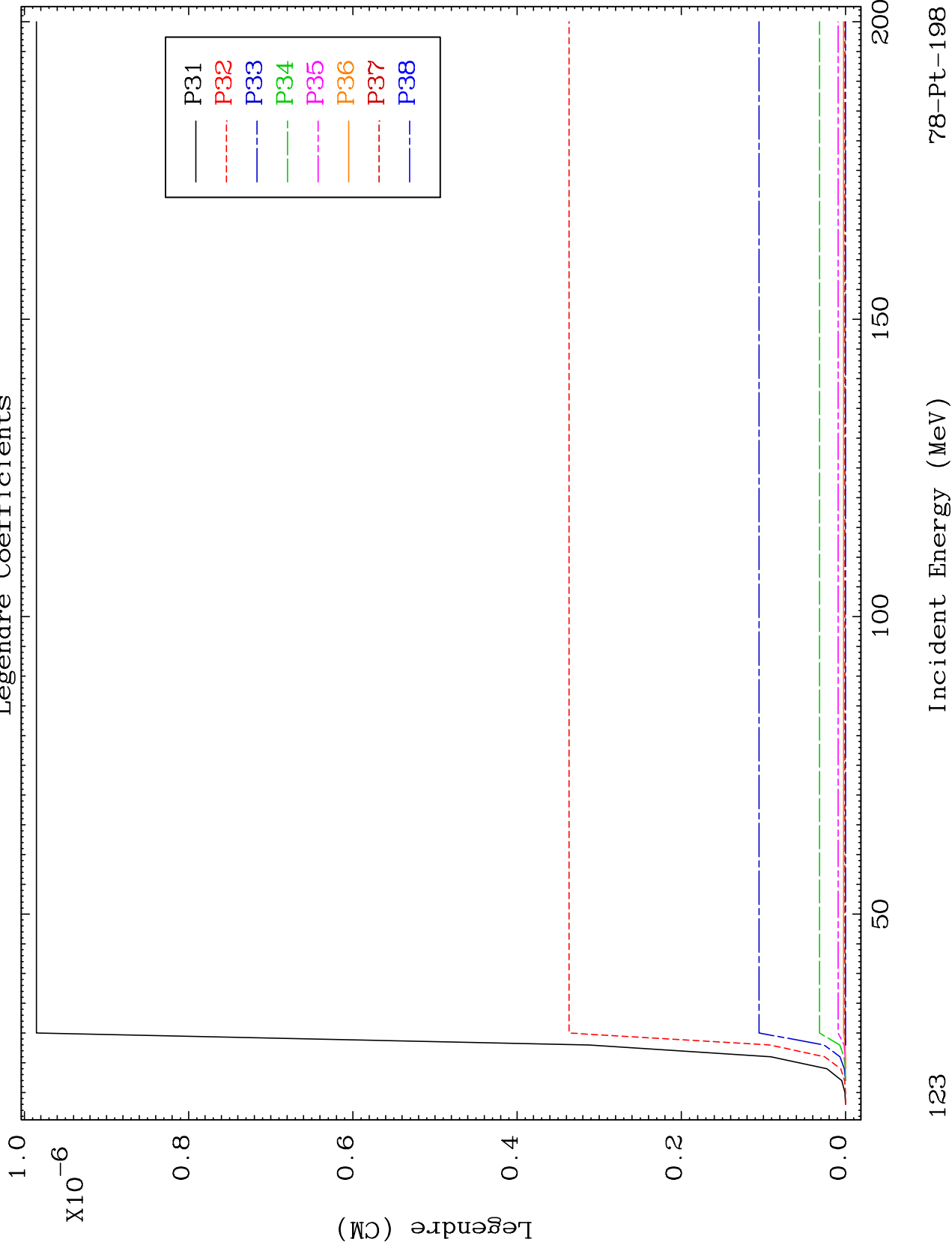
78-Pt-198



MAT 7849

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

78-Pt-198



123

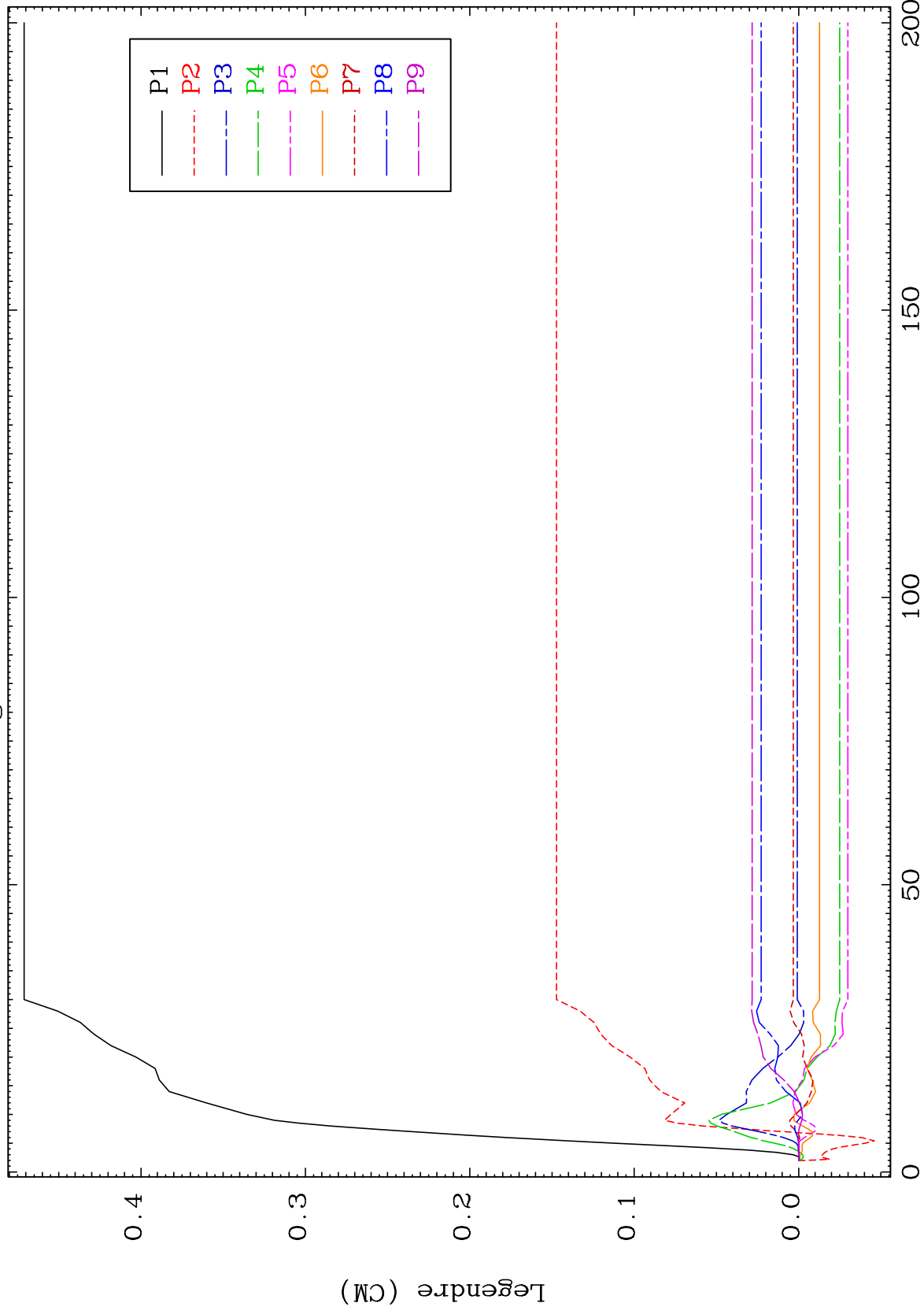
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



124

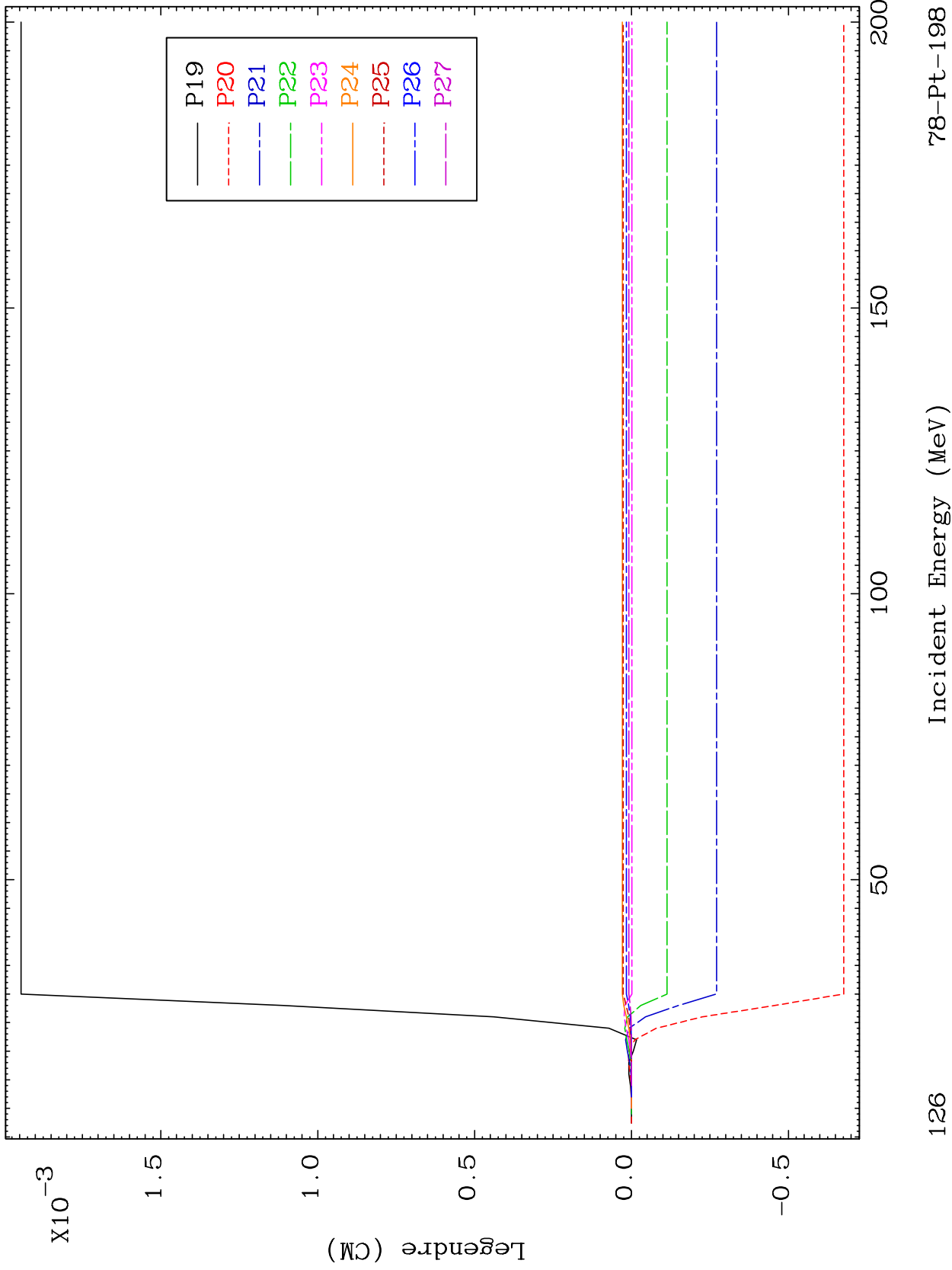
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



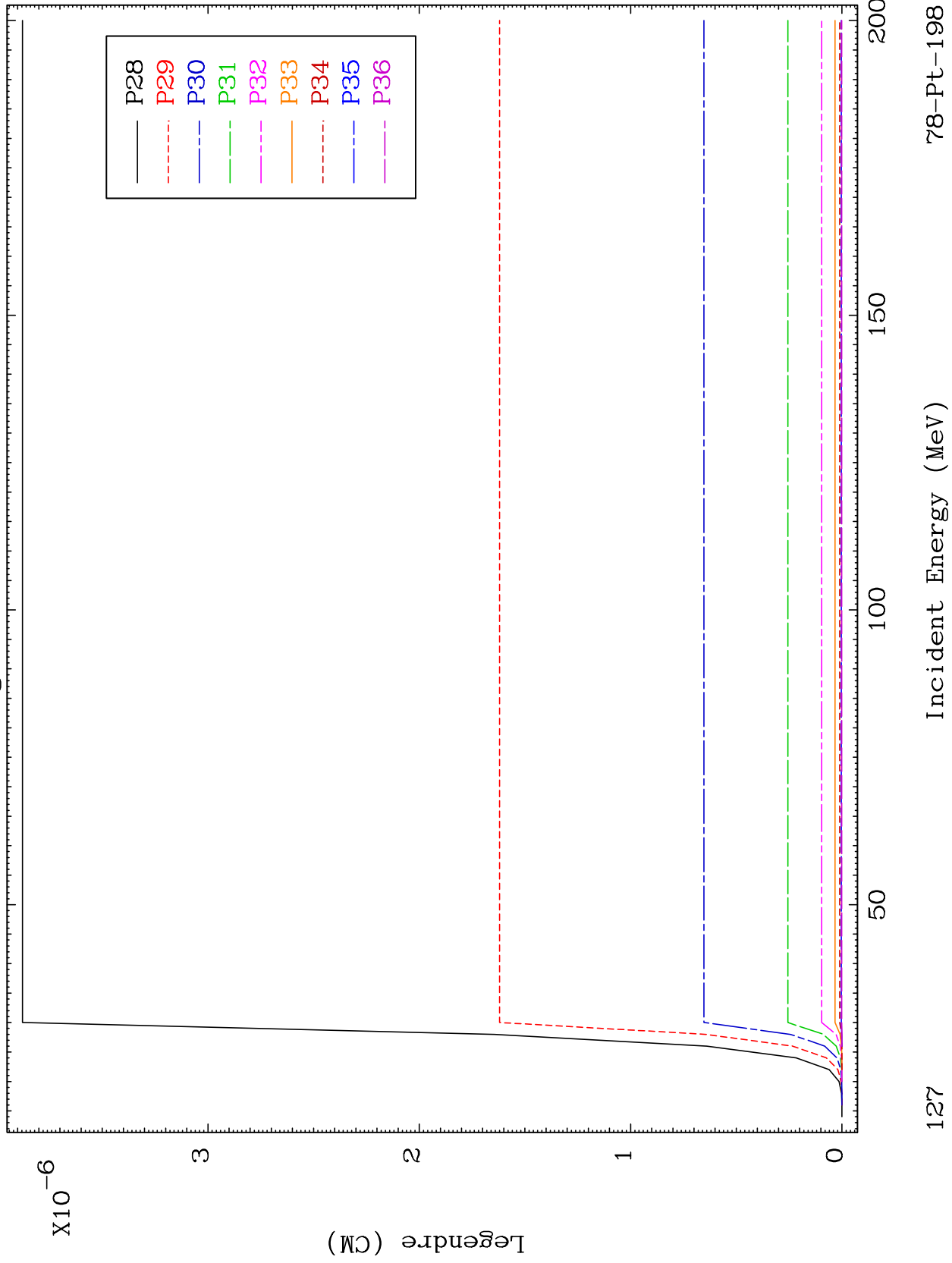
126

78-Pt-198

MAT 7849

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

78-Pt-198



127

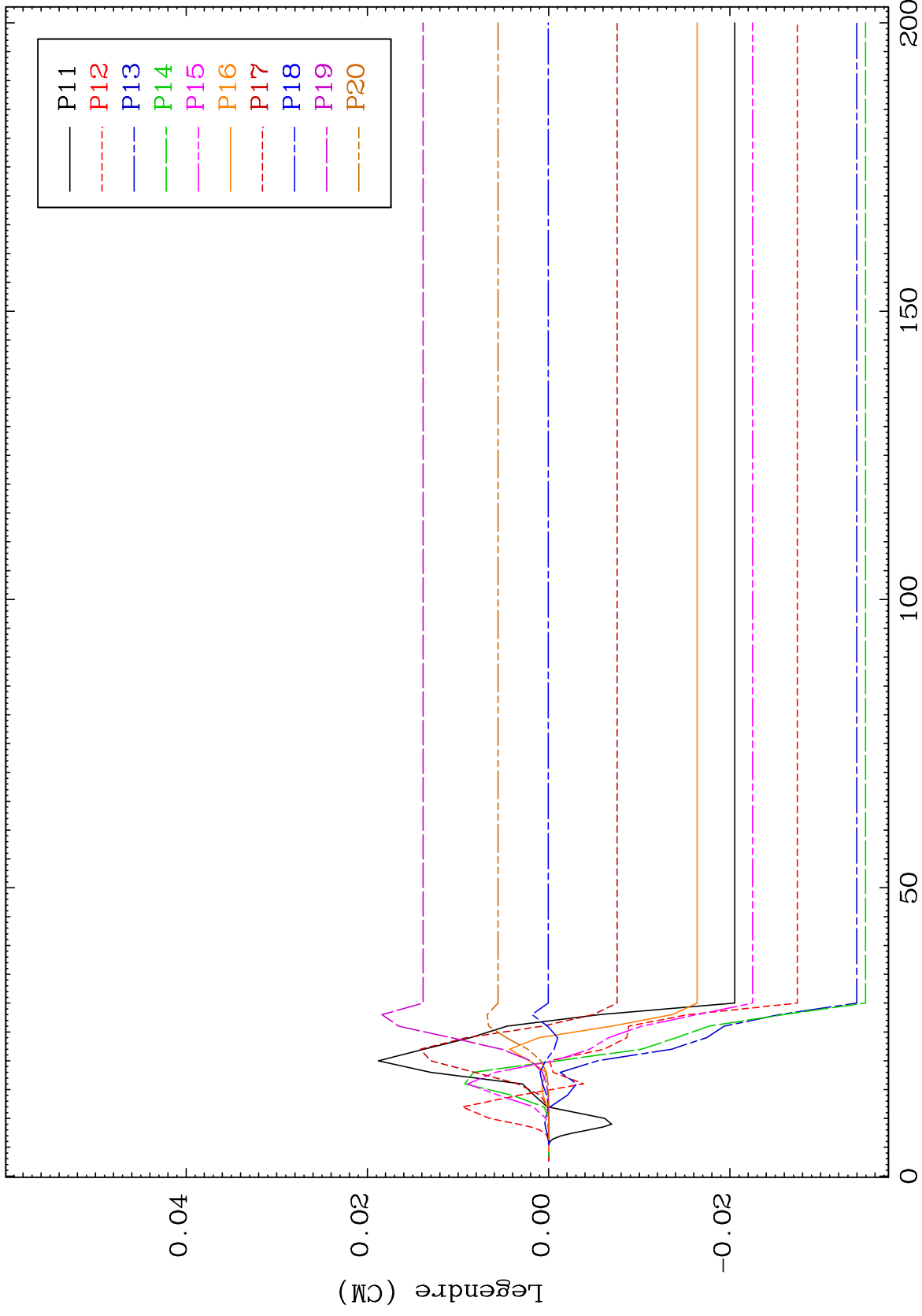
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



129

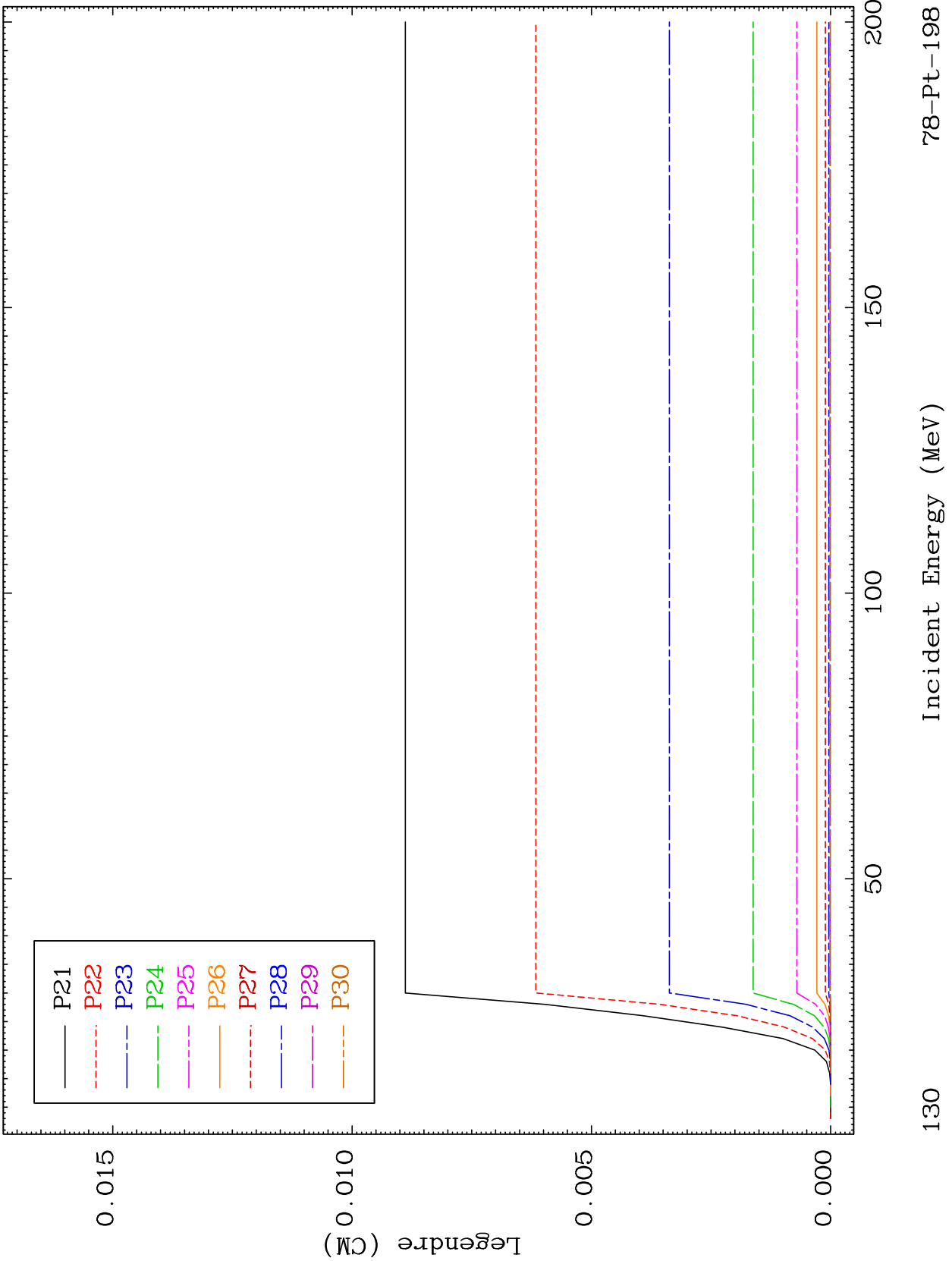
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



130

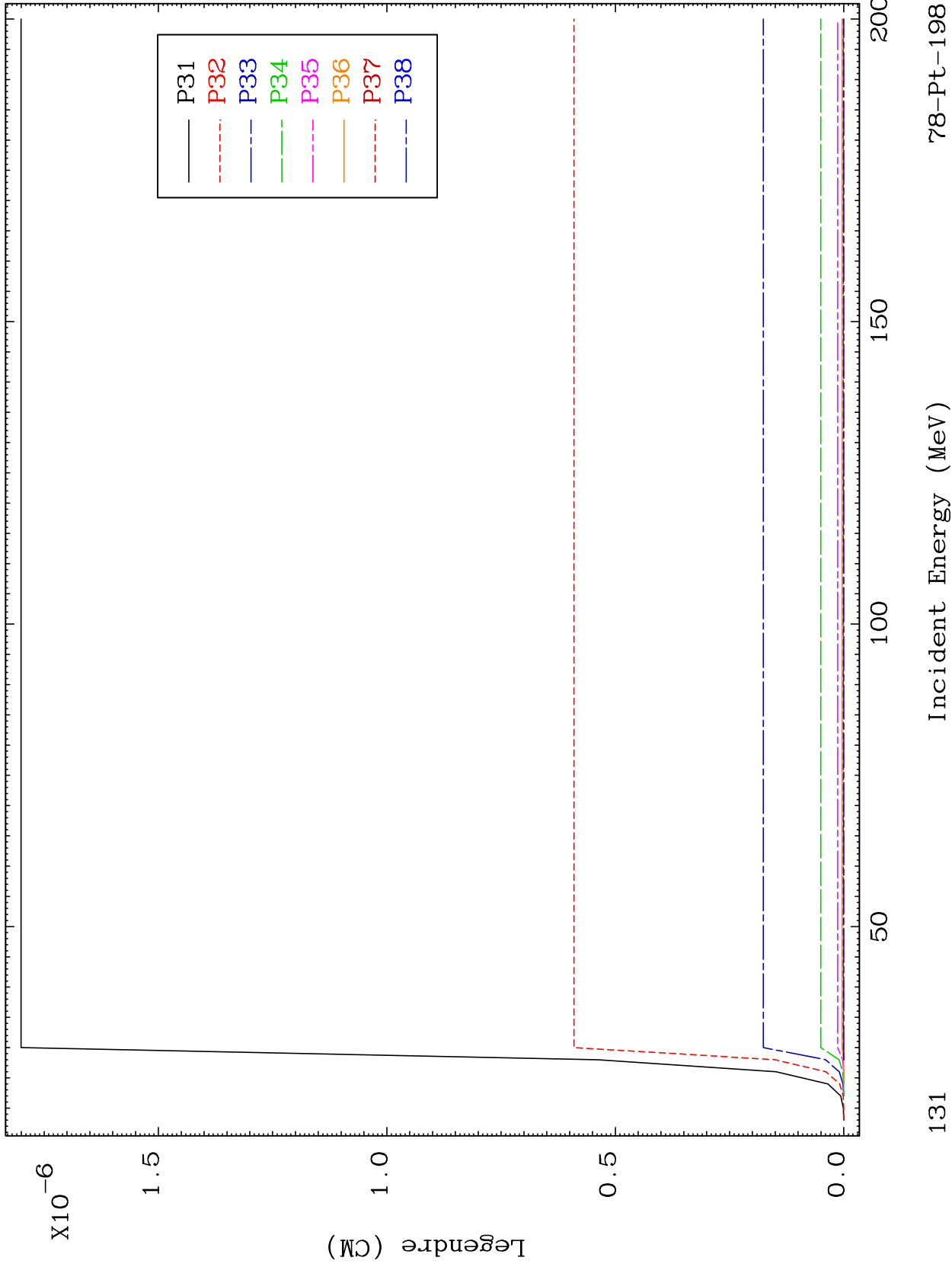
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198

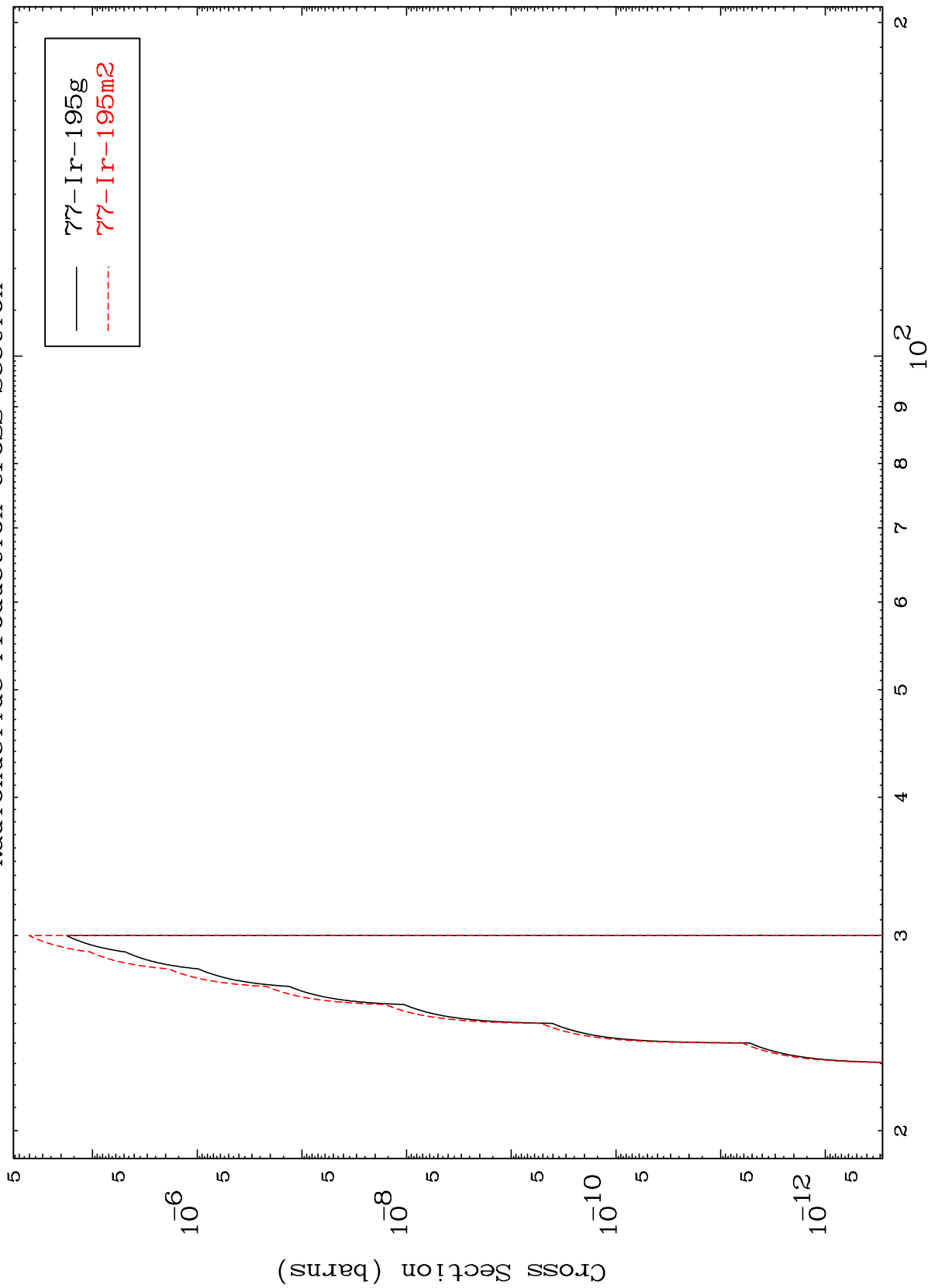


MAT 7849

(n,2n) d

78-Pt-198

Radionuclide Production Cross Section



132

Incident Energy (MeV)

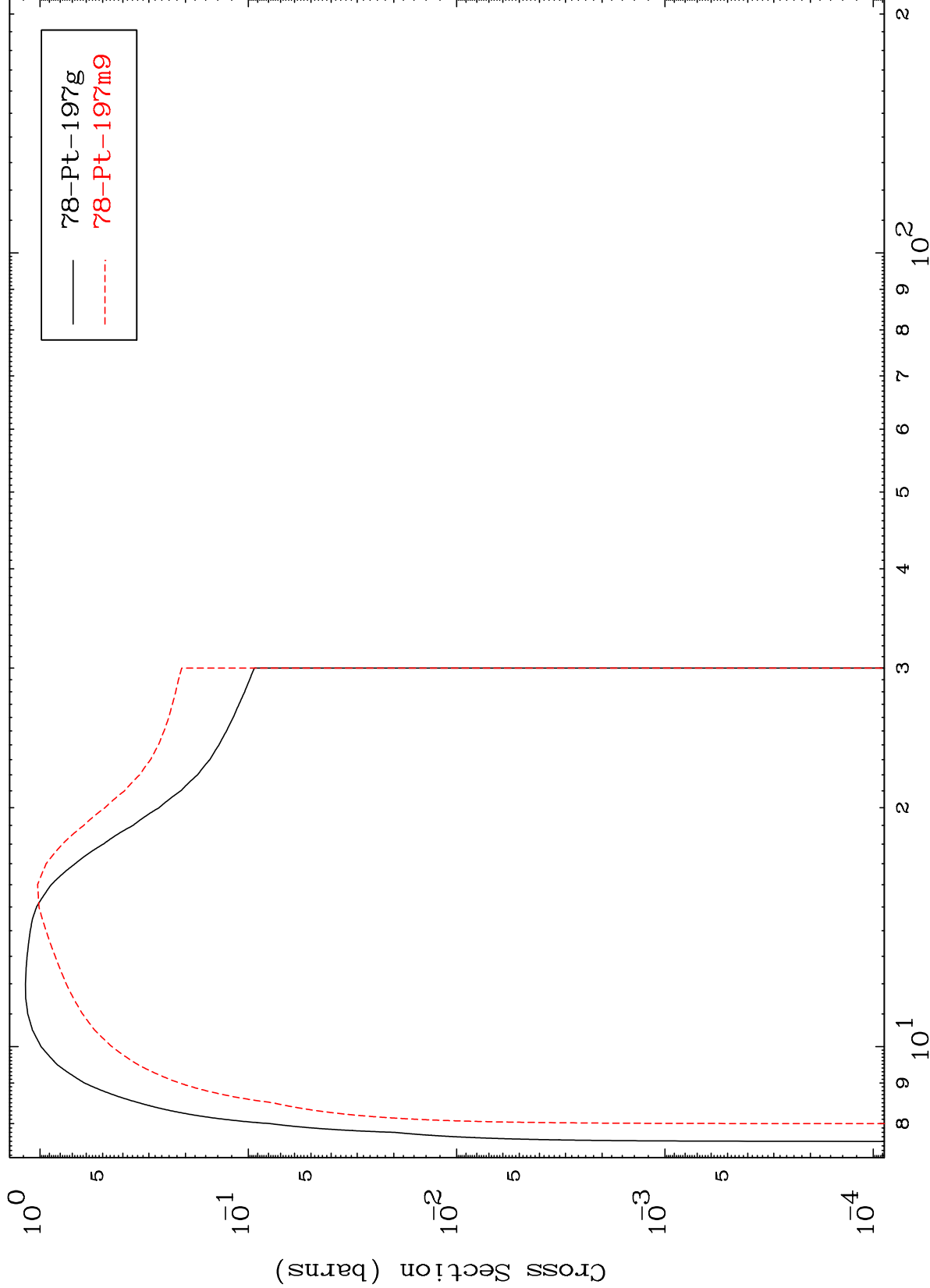
78-Pt-198

MAT 7849

(n,2n)

78-Pt-198

Radionuclide Production Cross Section



133

Incident Energy (MeV)

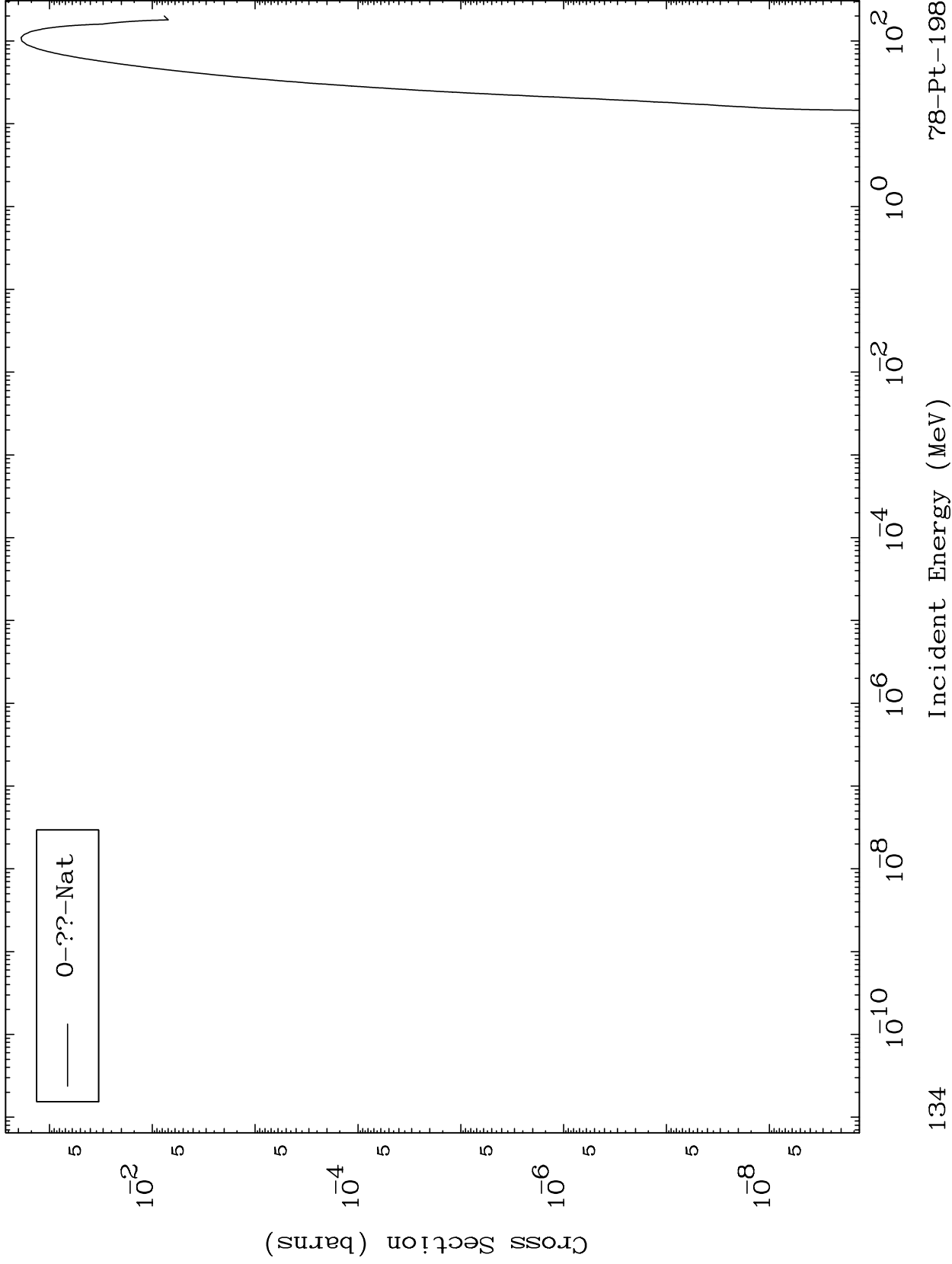
78-Pt-198

MAT 7849

Fission

78-Pt-198

Radionuclide Production Cross Section



134

Incident Energy (MeV)

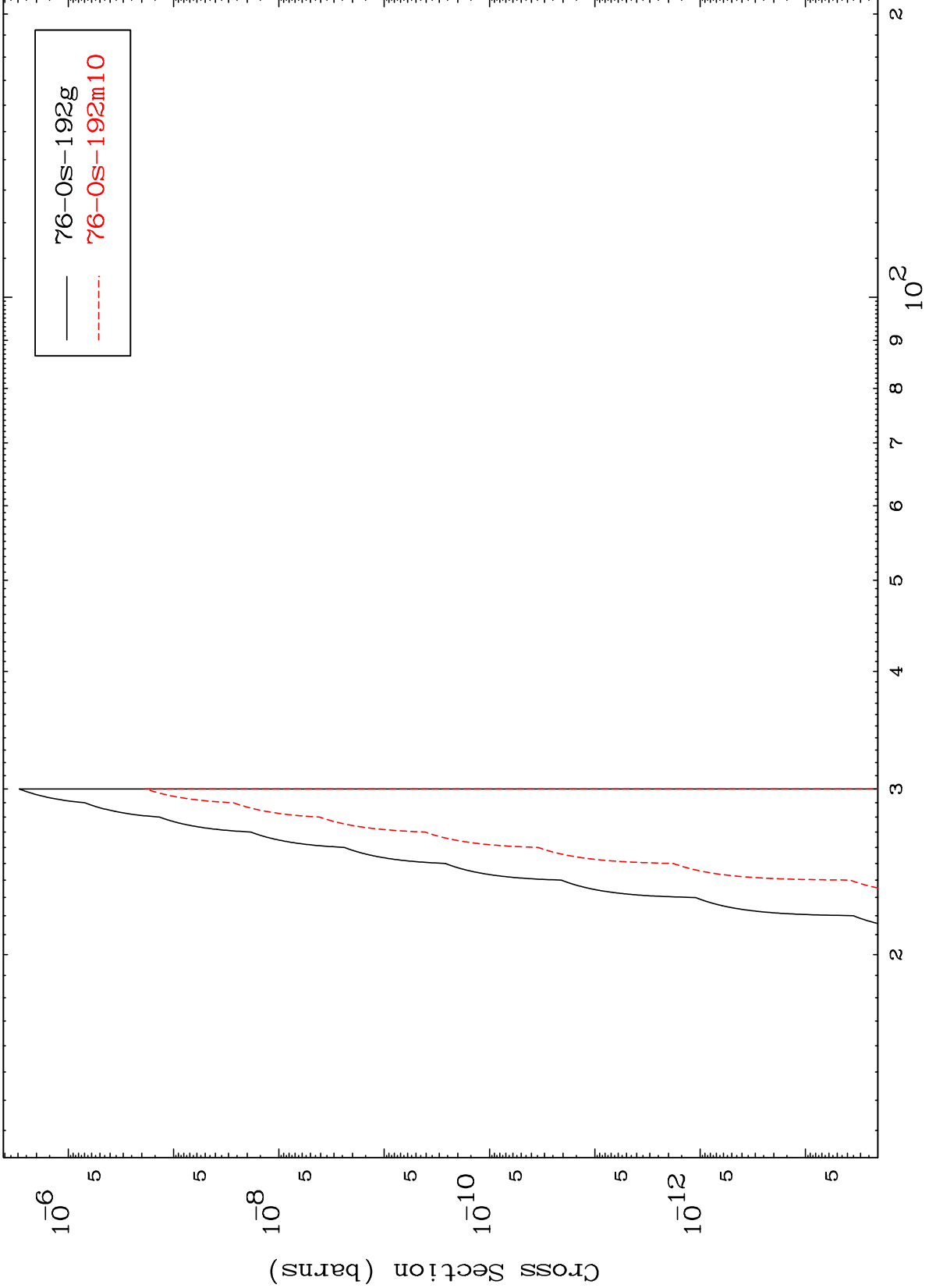
78-Pt-198

MAT 7849

(n,3n) α

78-Pt-198

Radionuclide Production Cross Section



135

Incident Energy (MeV)

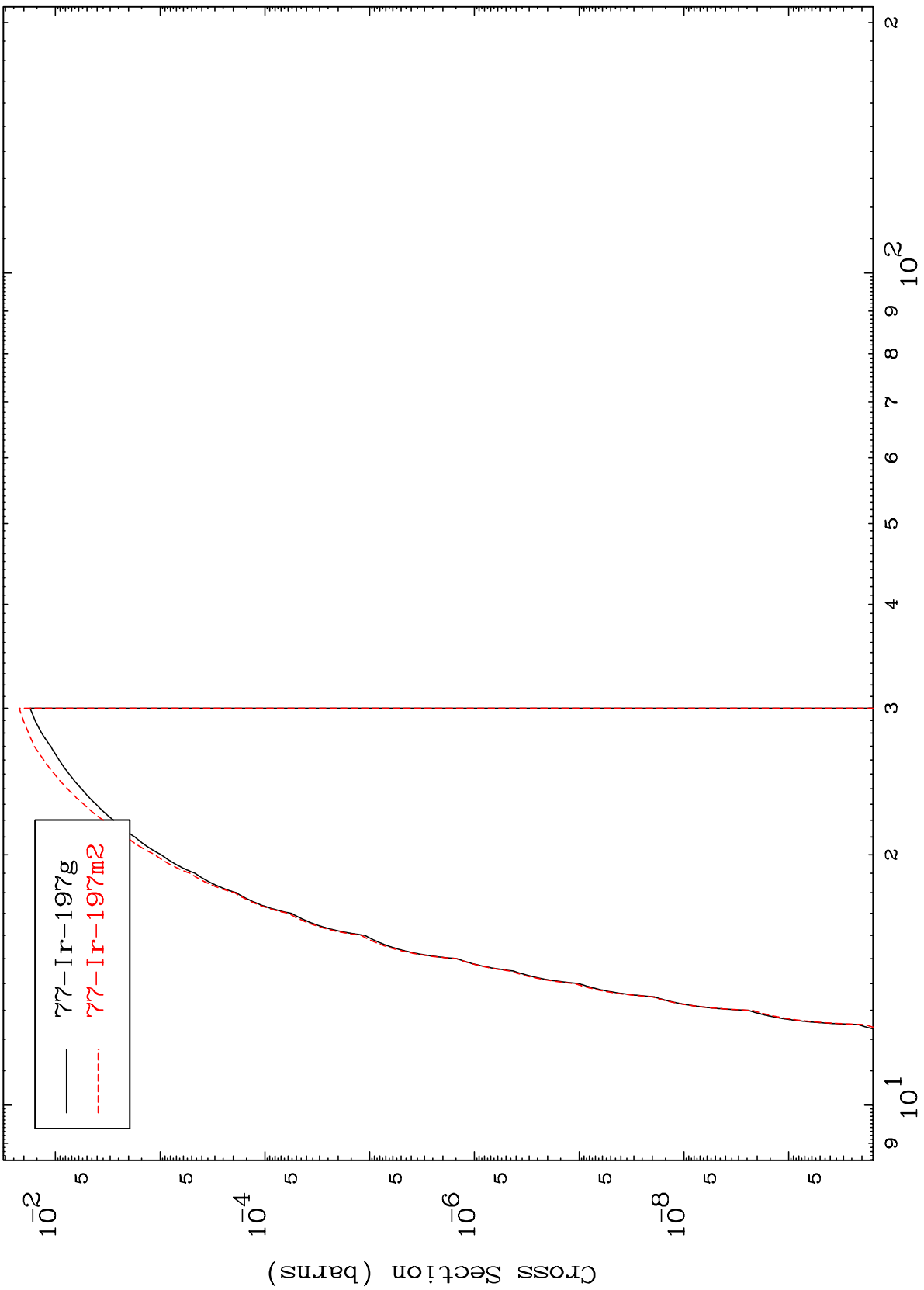
78-Pt-198

MAT 7849

(n,n') p

78-Pt-198

Radionuclide Production Cross Section



77-Ir-197g
77-Ir-197m2

136

Incident Energy (MeV)

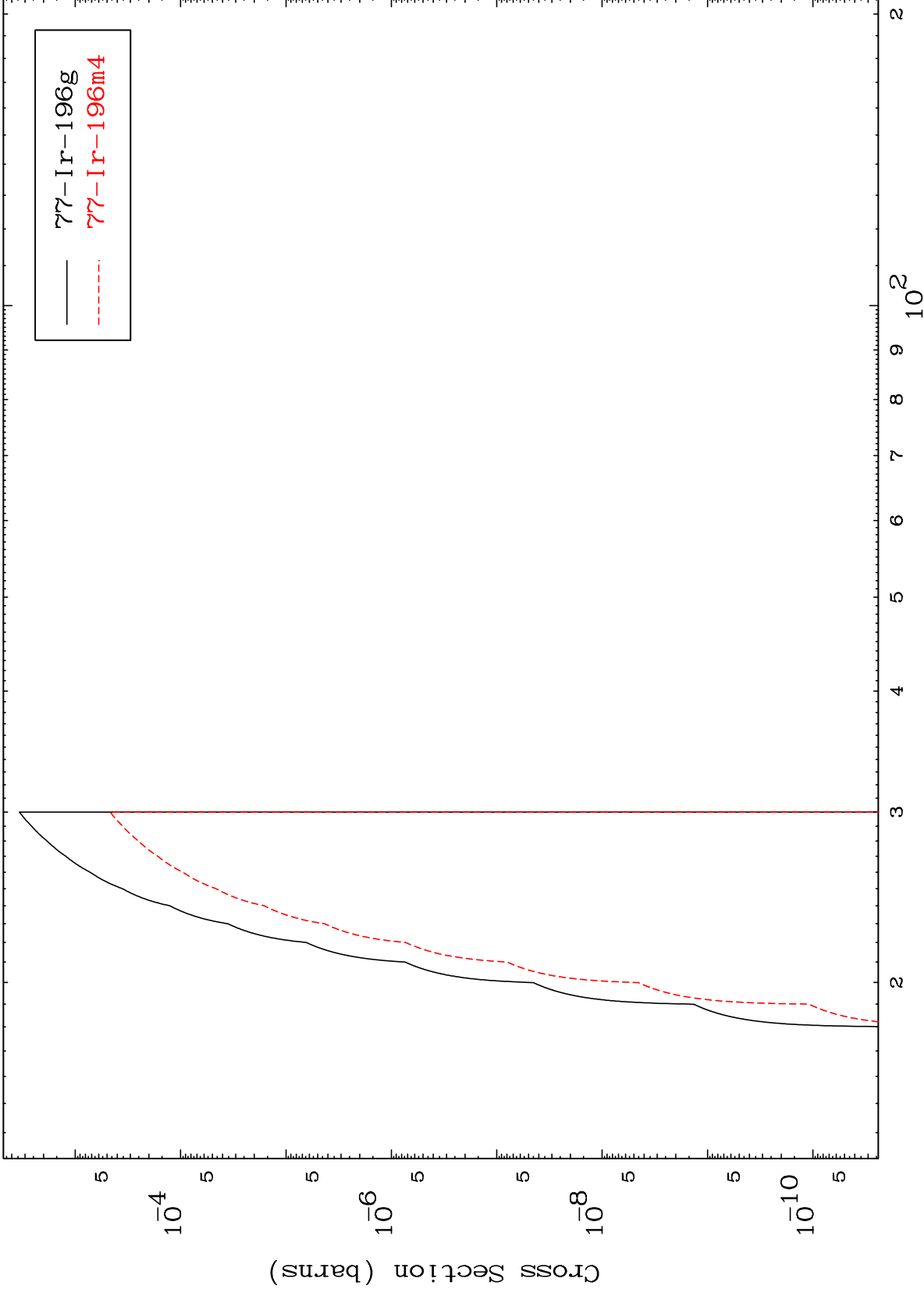
78-Pt-198

MAT 7849

(n,n') d

78-Pt-198

Radionuclide Production Cross Section

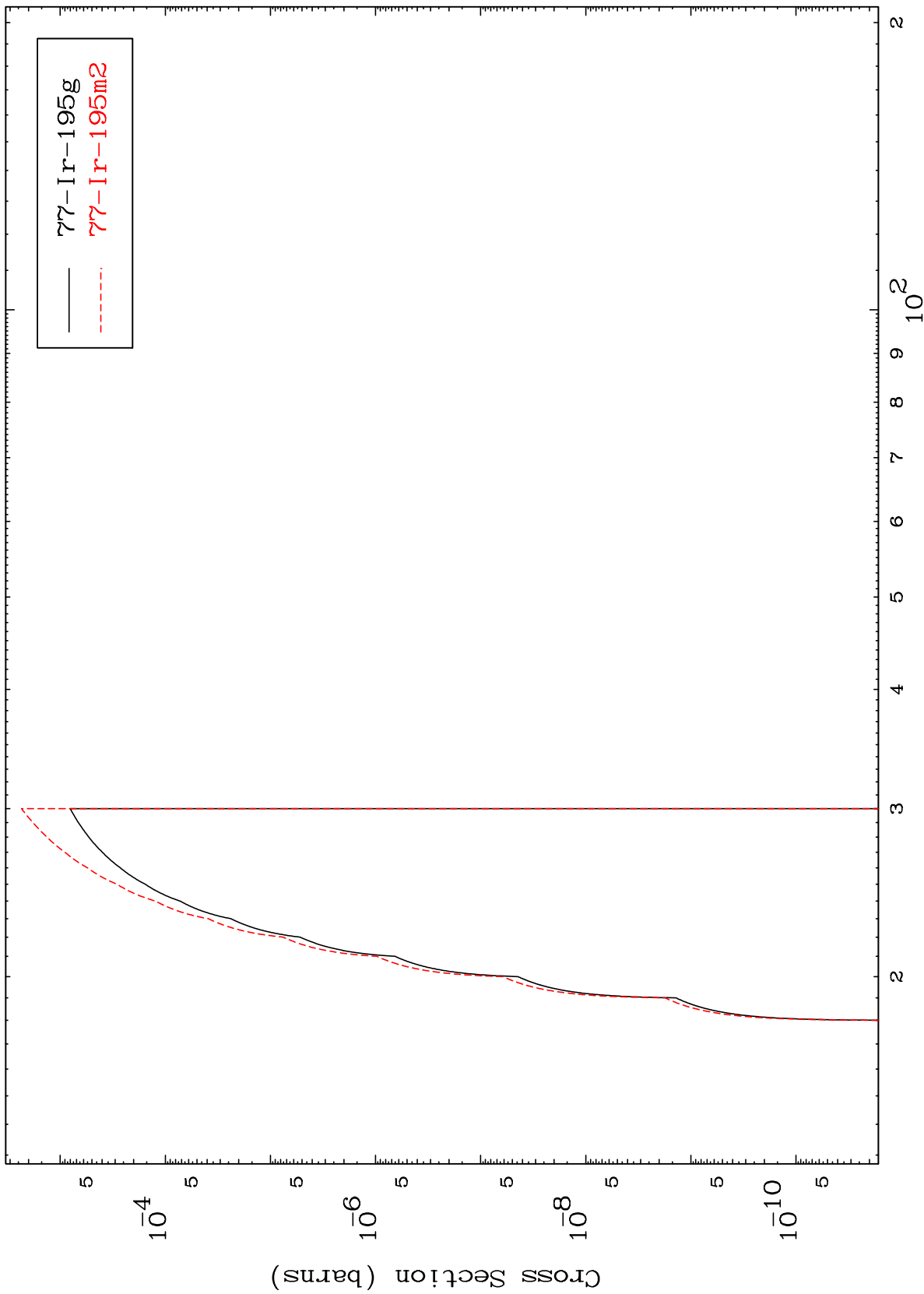


137

Incident Energy (MeV)

78-Pt-198

Radionuclide Production Cross Section

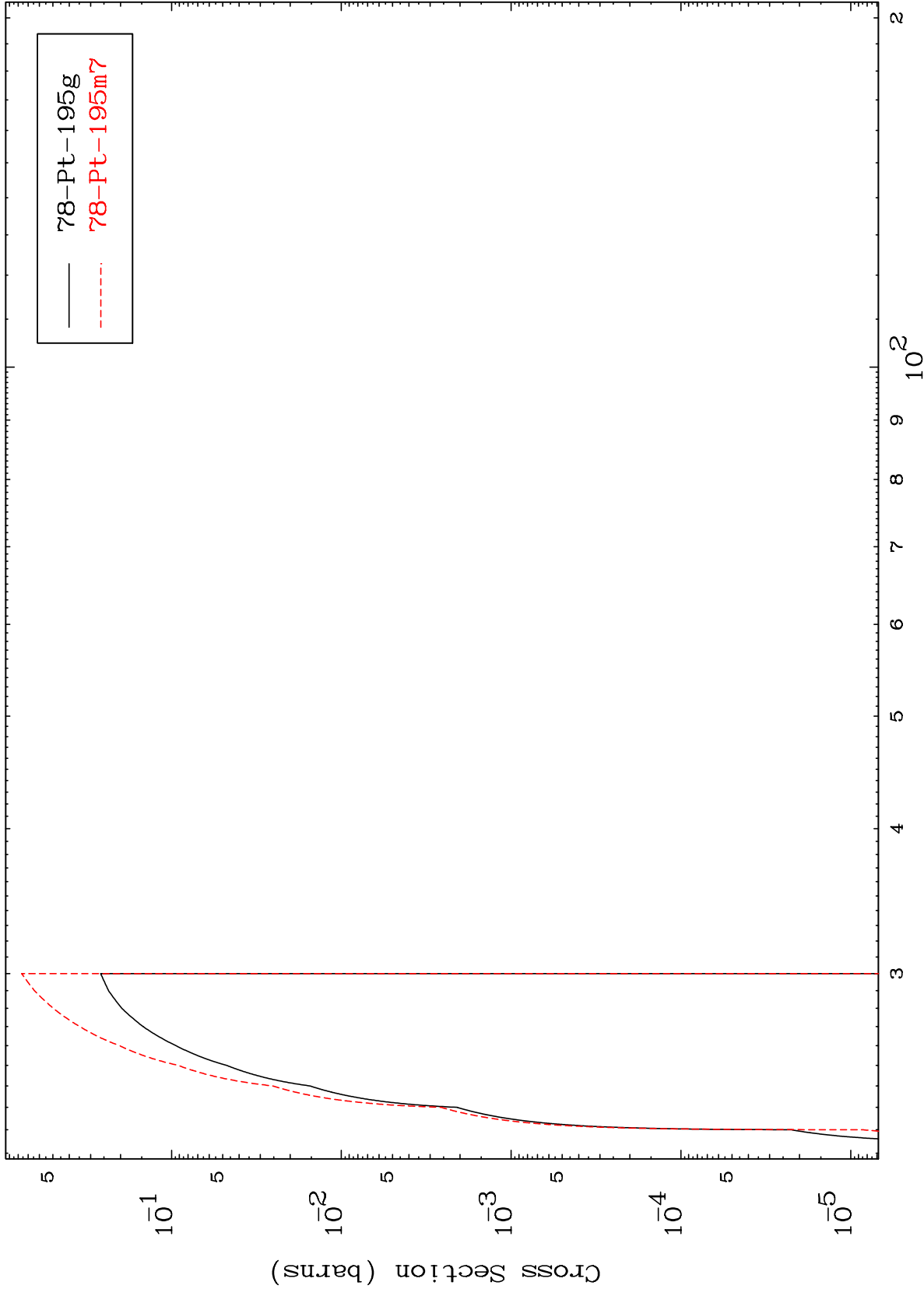


MAT 7849

(n,4n)

78-Pt-198

Radionuclide Production Cross Section



139

Incident Energy (MeV)

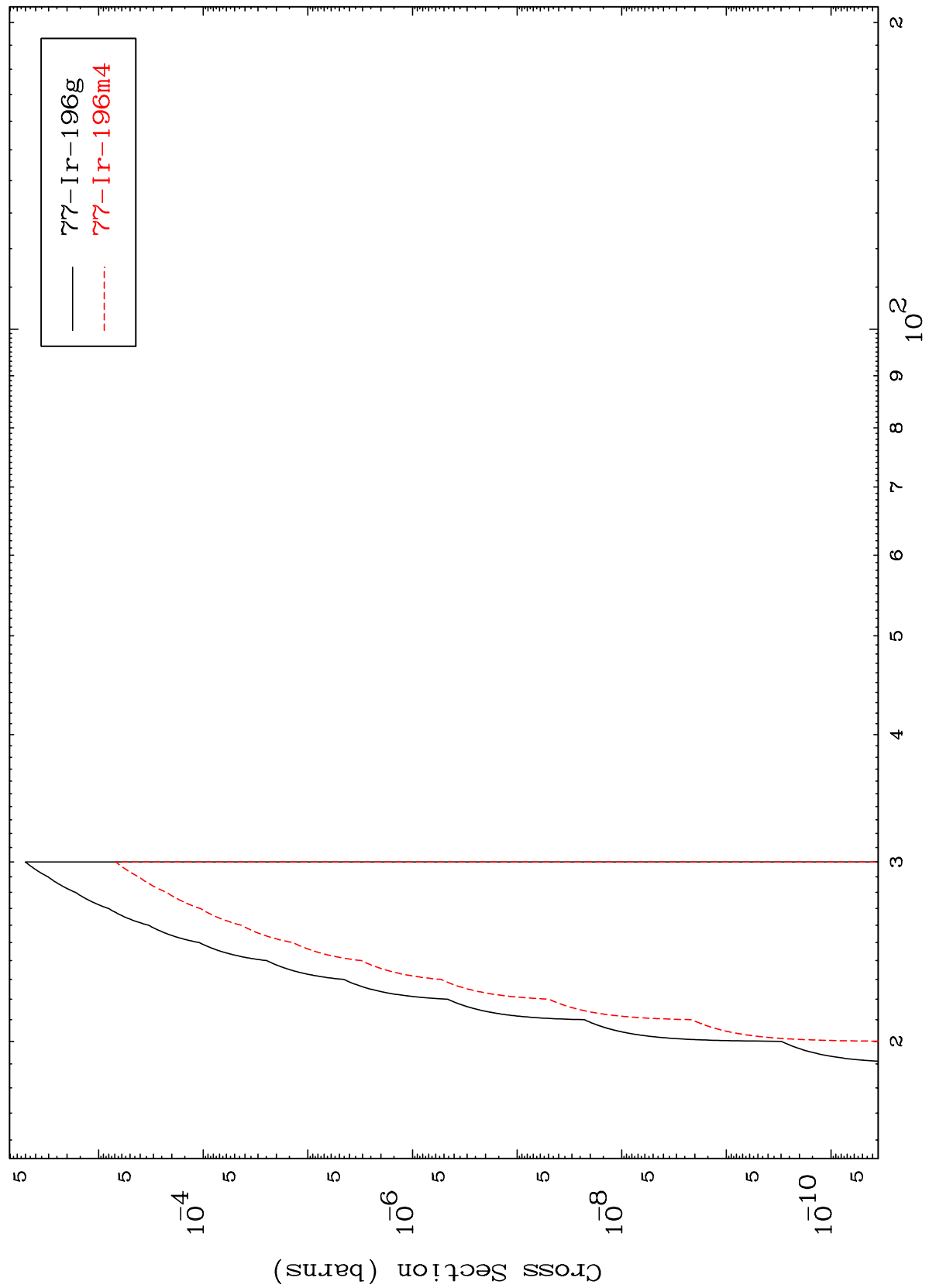
78-Pt-198

MAT 7849

(n,2n) p

78-Pt-198

Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

140

Incident Energy (MeV)

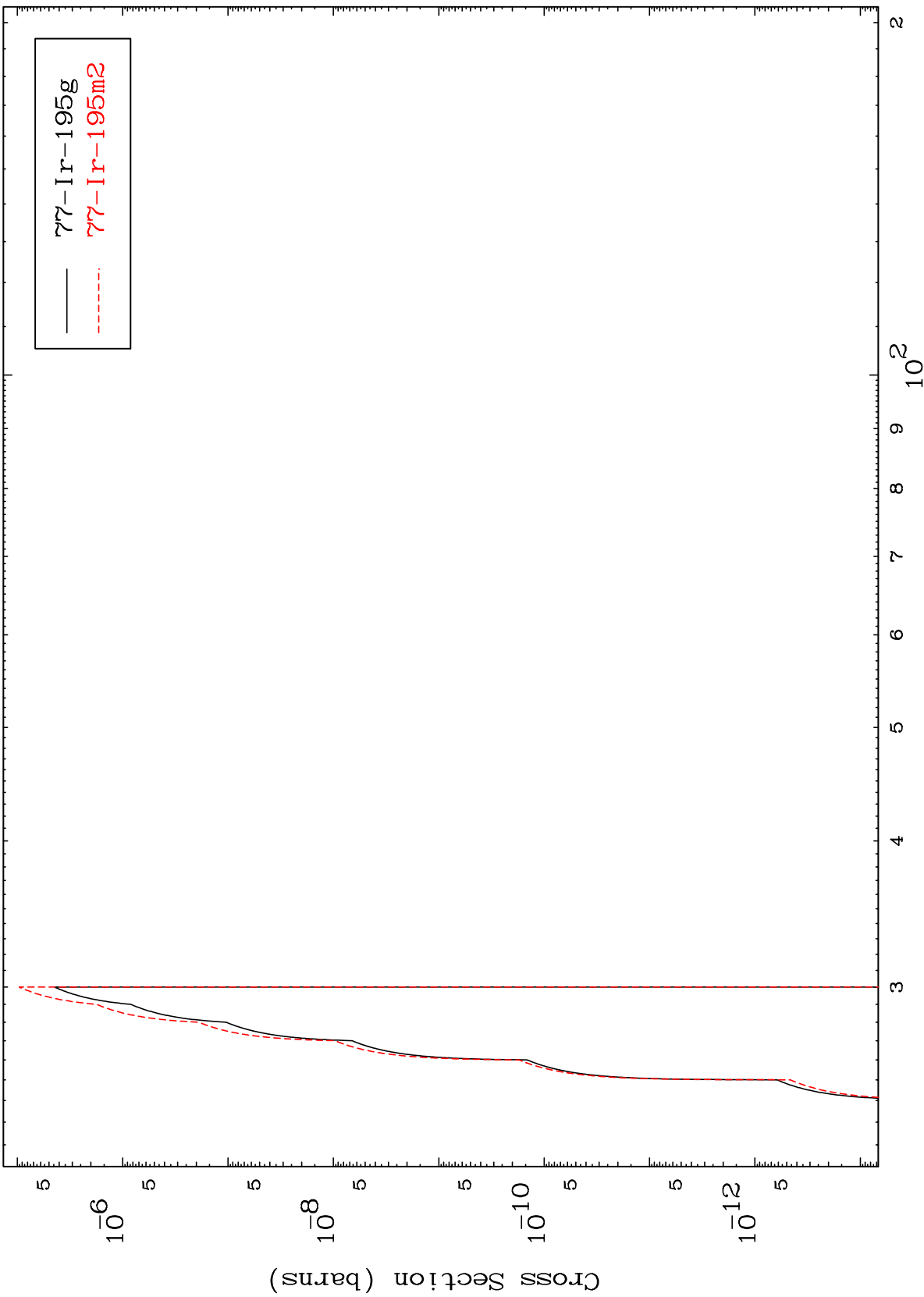
78-Pt-198

MAT 7849

(n,3n) p

78-Pt-198

Radionuclide Production Cross Section



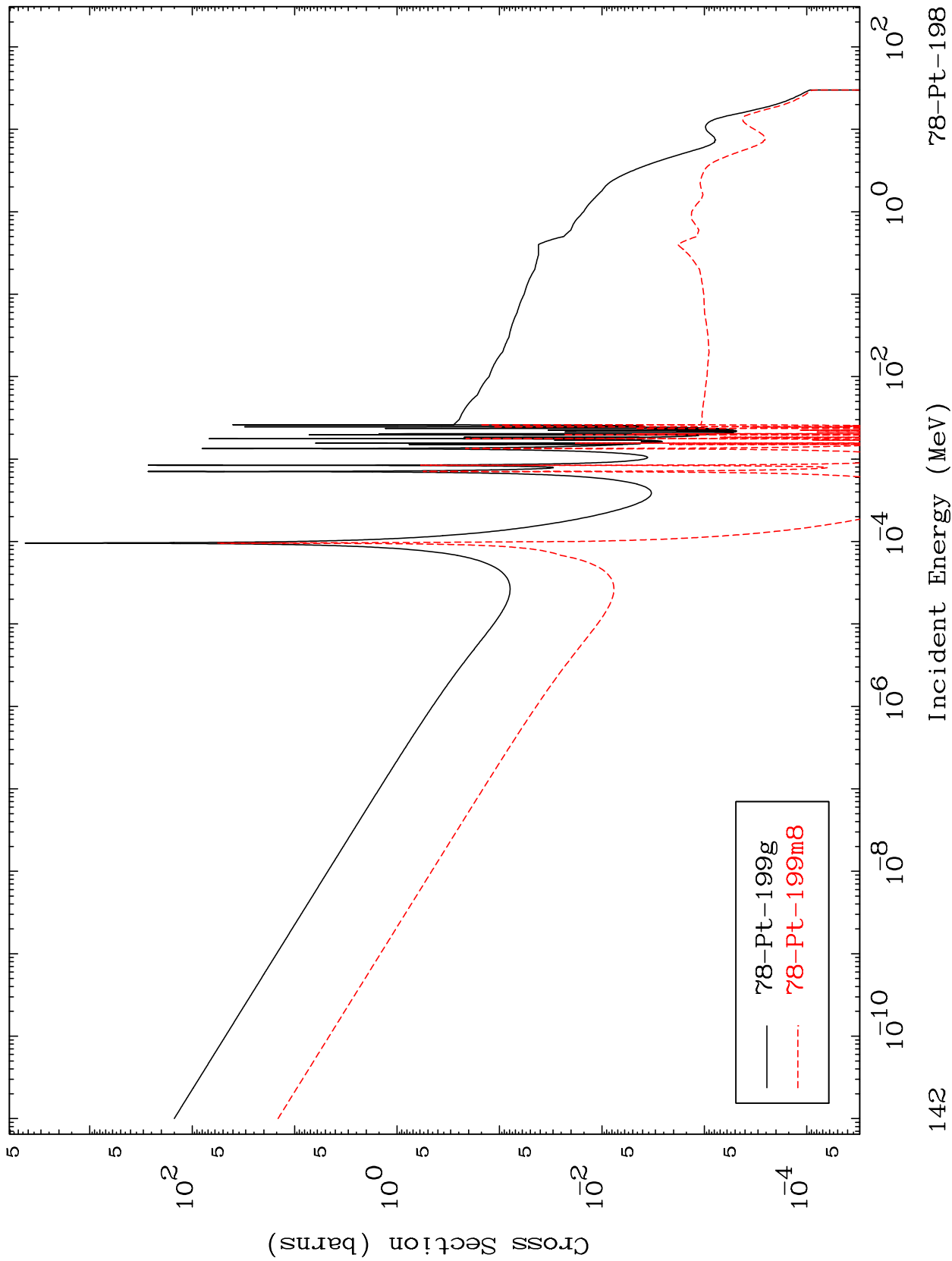
77-Ir-195g
77-Ir-195m2

141

Incident Energy (MeV)

78-Pt-198

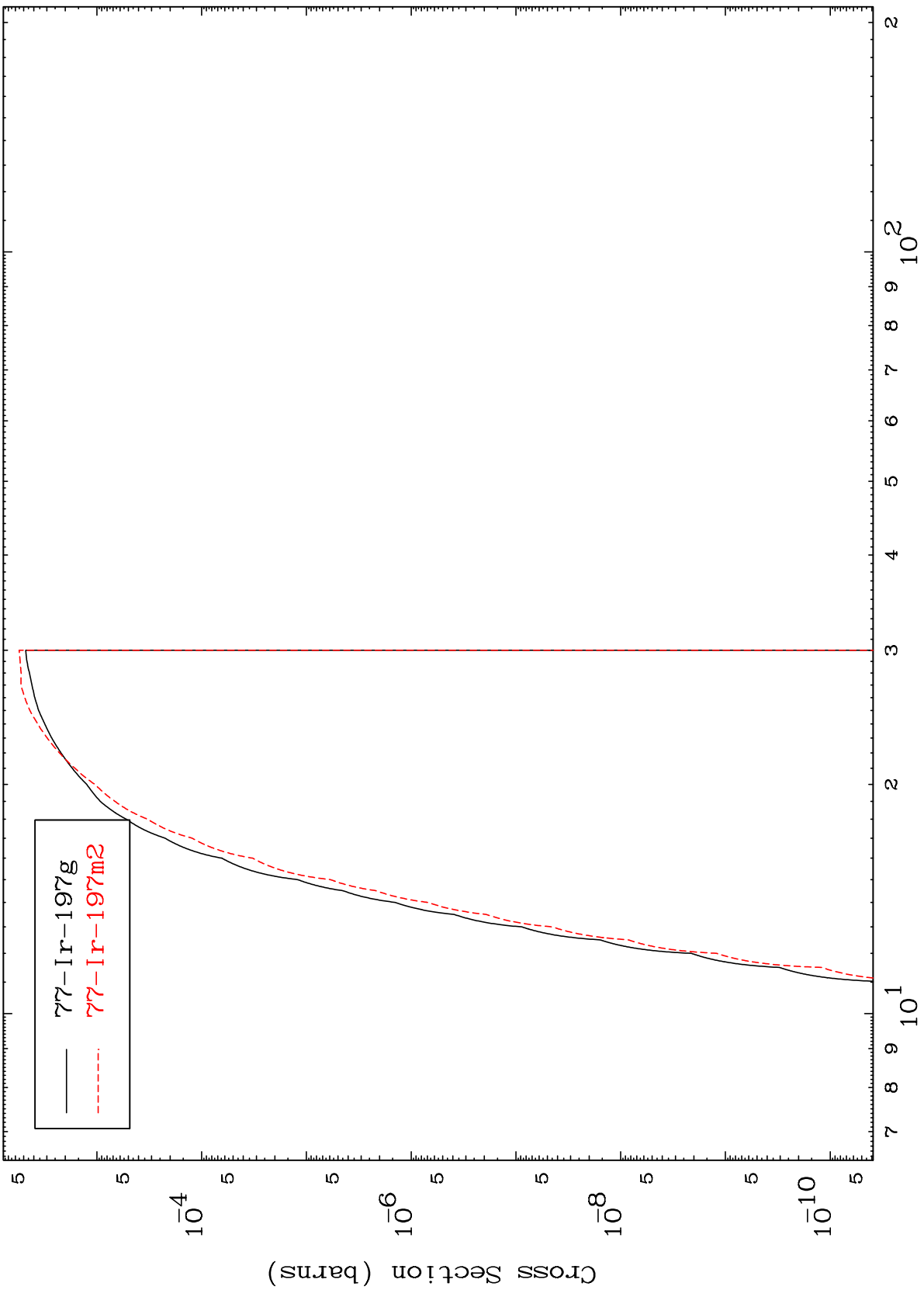
(n, γ)
Radionuclide Production Cross Section



MAT 7849

78-Pt-198

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

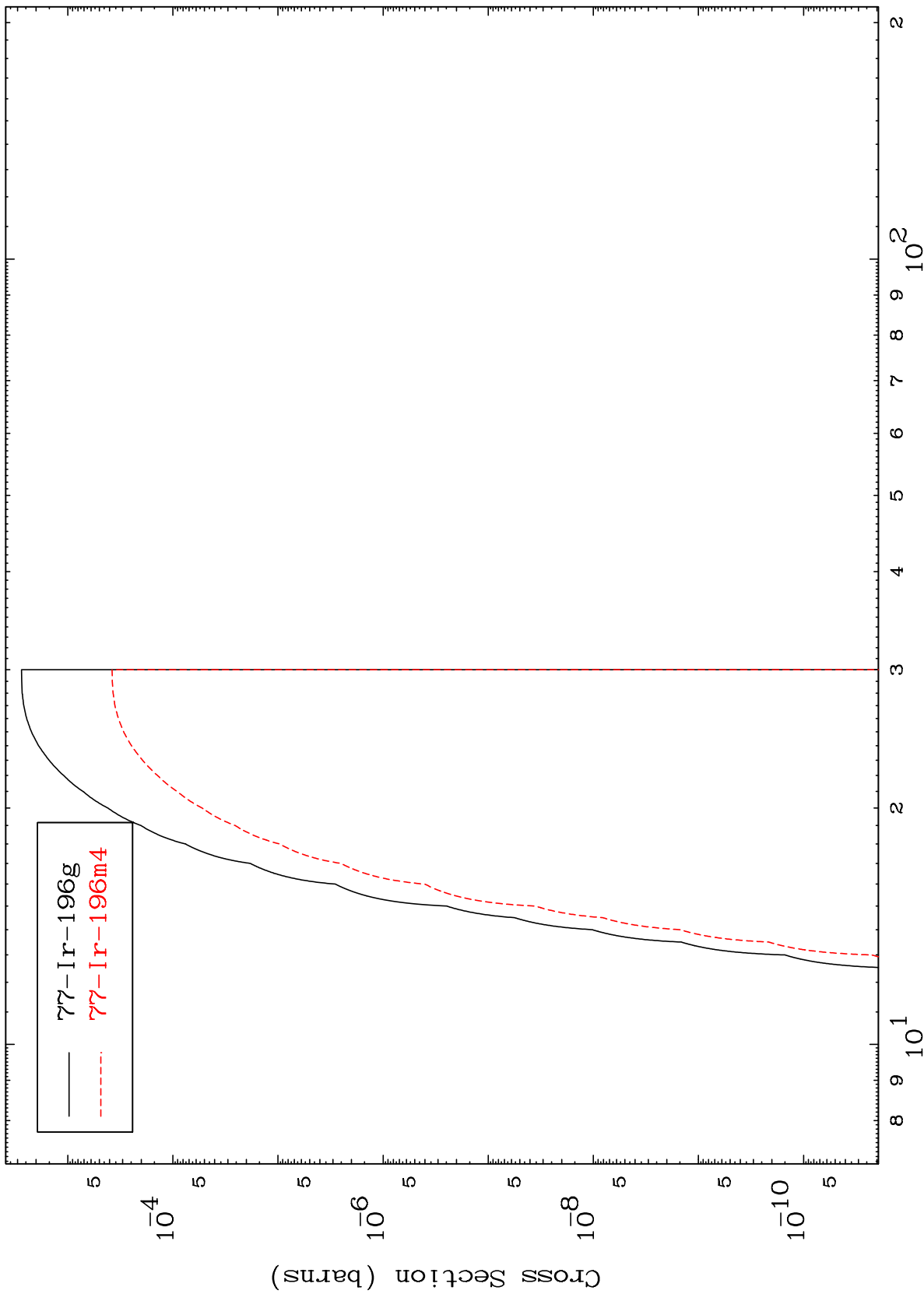
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Radionuclide Production Cross Section



144

Incident Energy (MeV)

78-Pt-198