

Program EVALPLOT  
(Version 2021-1)

by

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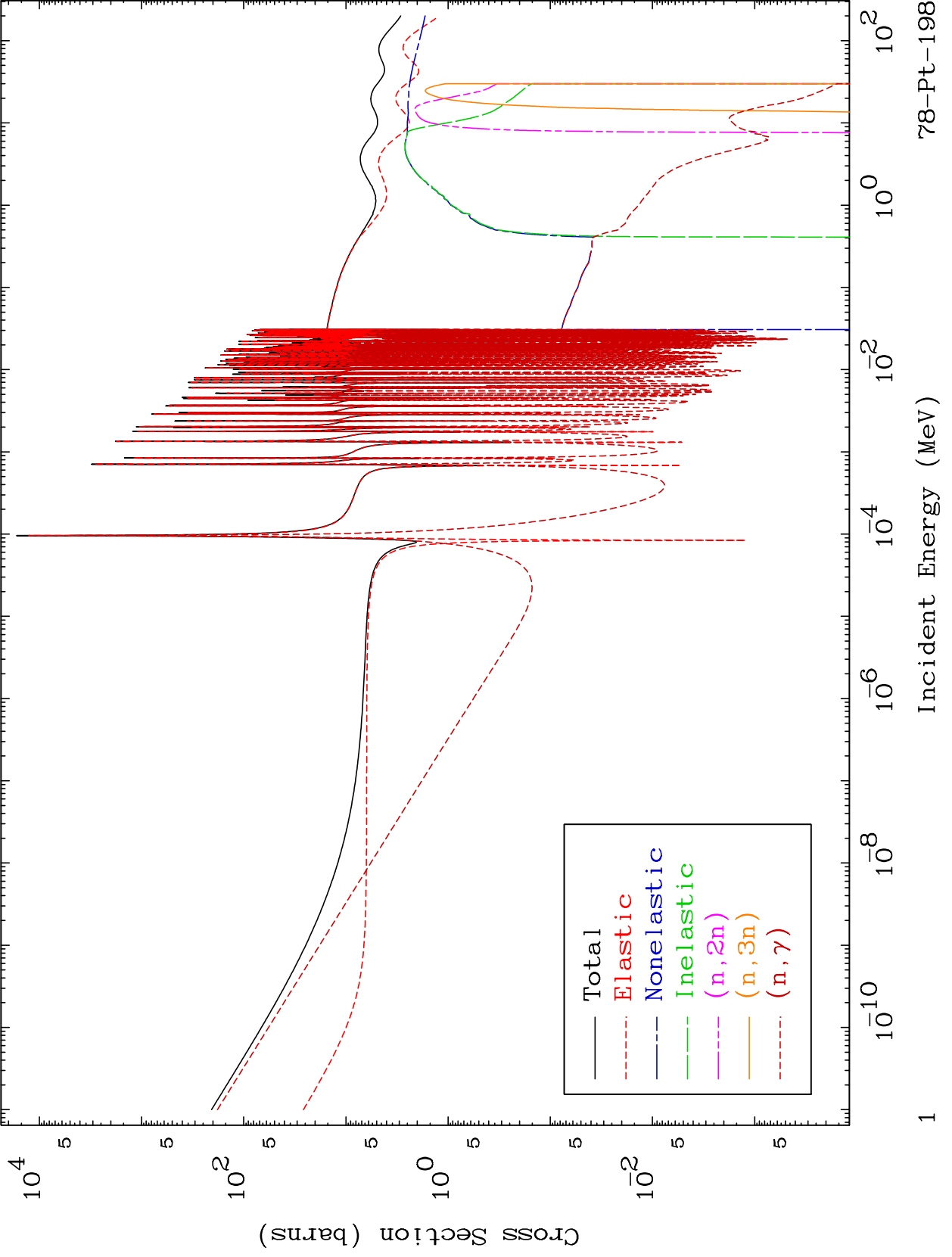
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7849

Neutron Major  
293 Kelvin Cross Sections

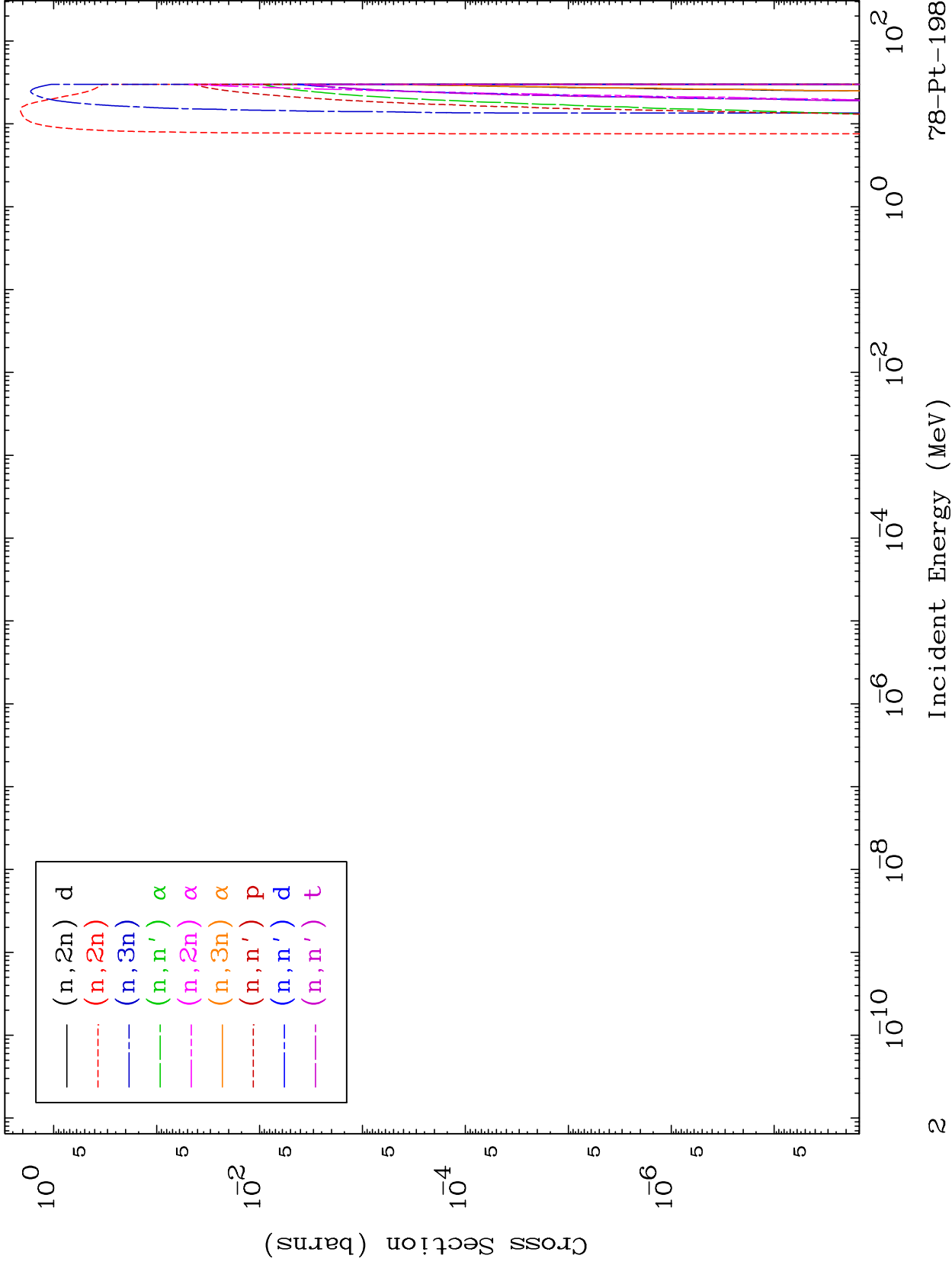
78-Pt-198

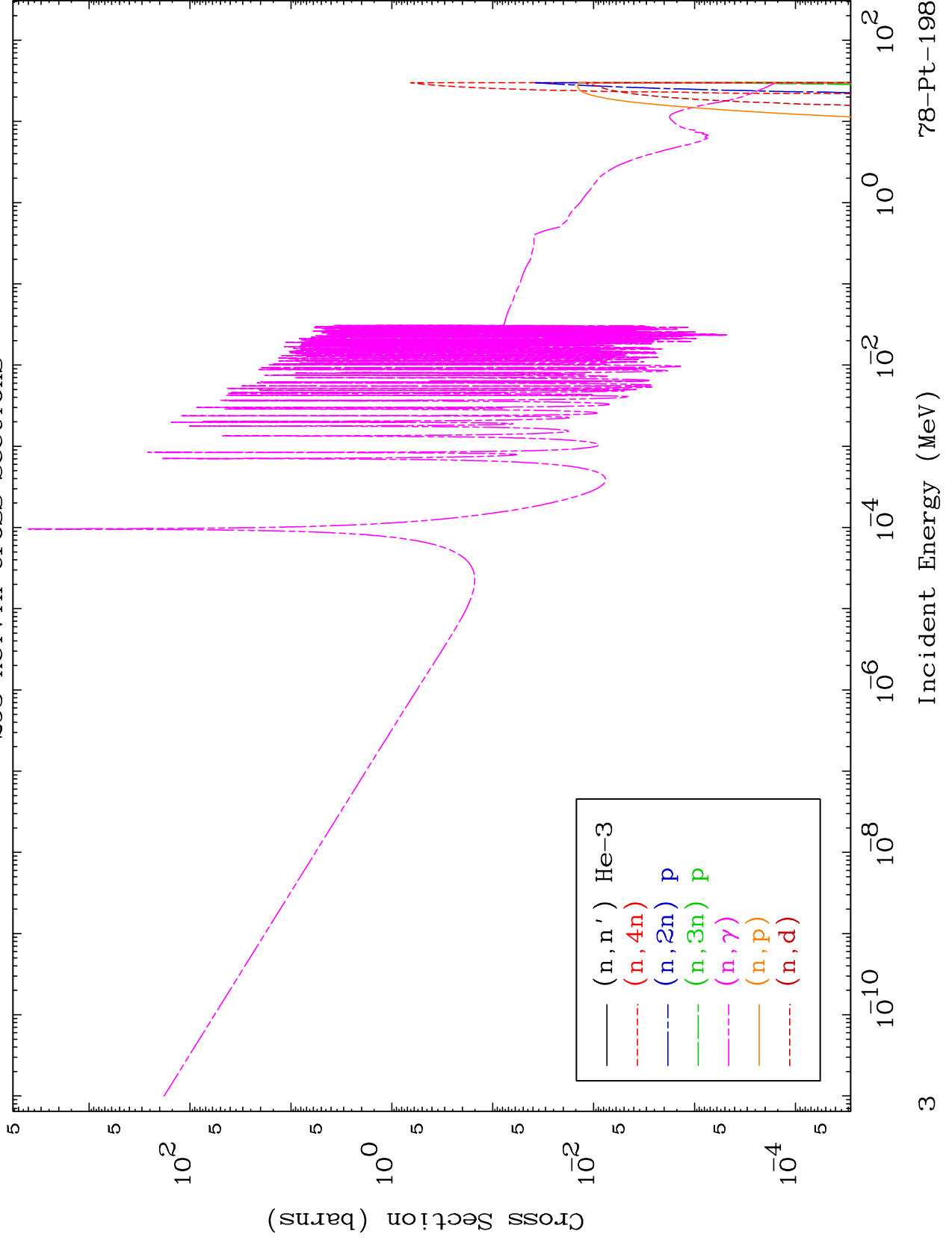


MAT 7849

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-198

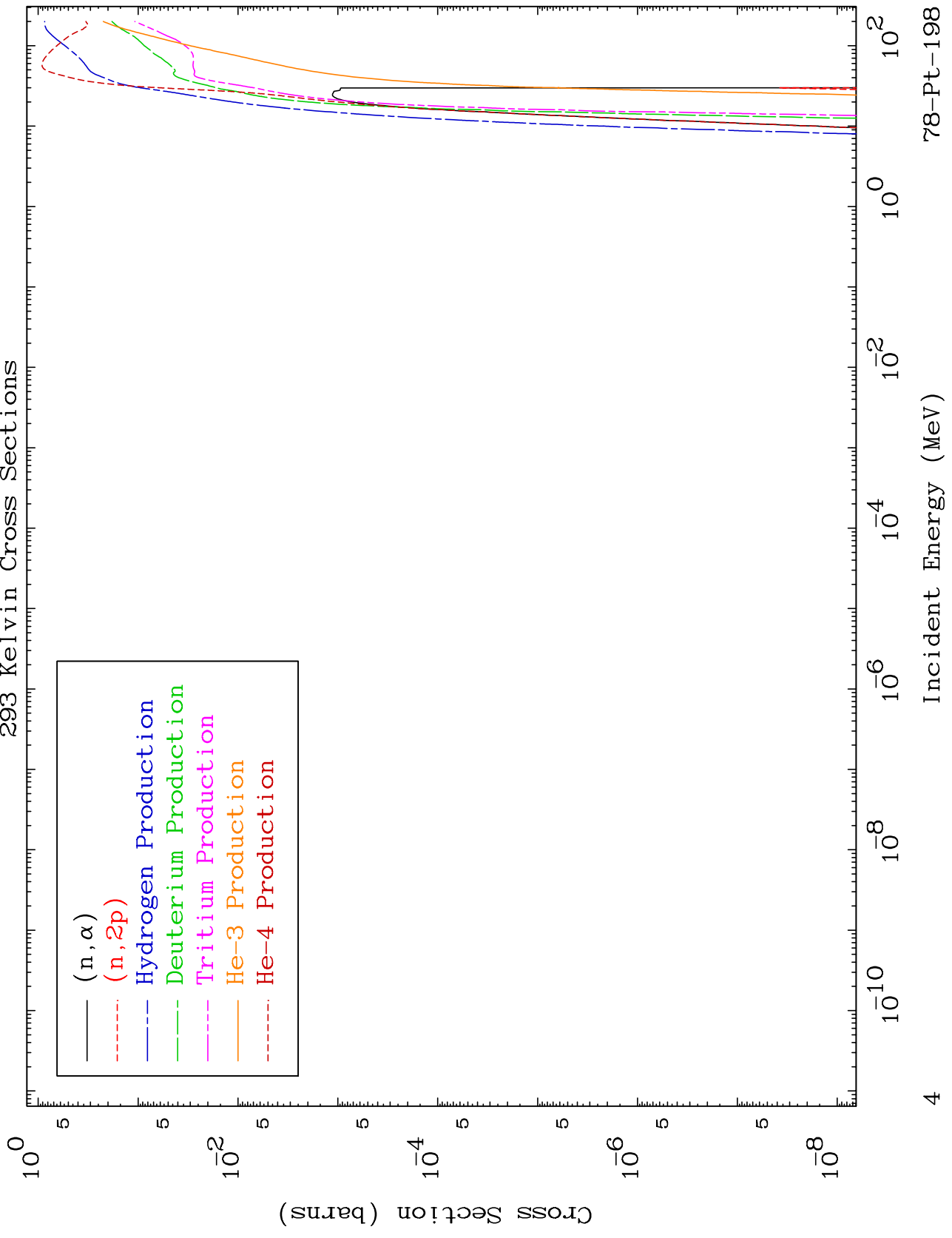




MAT 7849

Neutron Absorption  
293 Kelvin Cross Sections

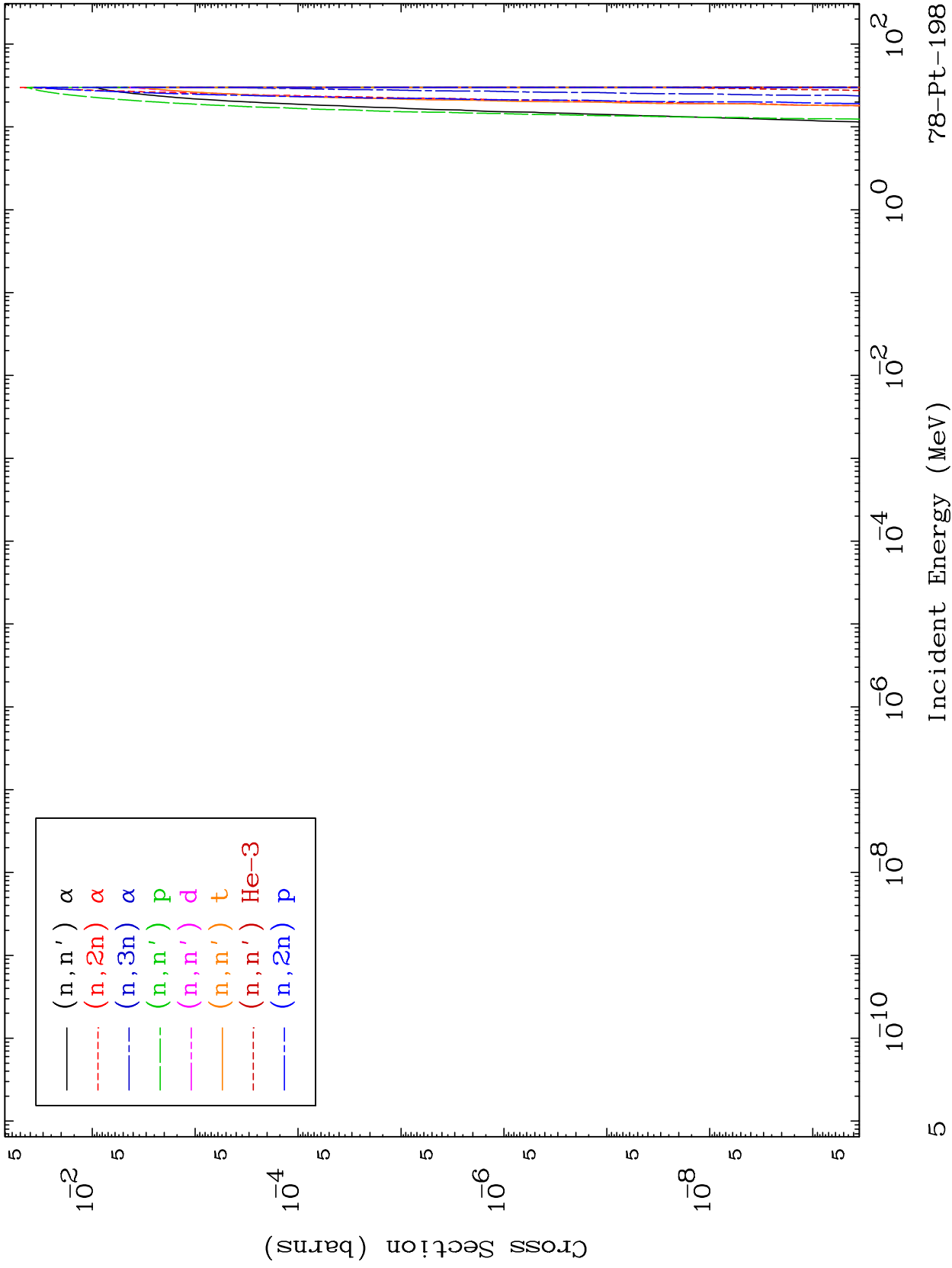
78-Pt-198



MAT 7849

Charged Particle  
293 Kelvin Cross Sections

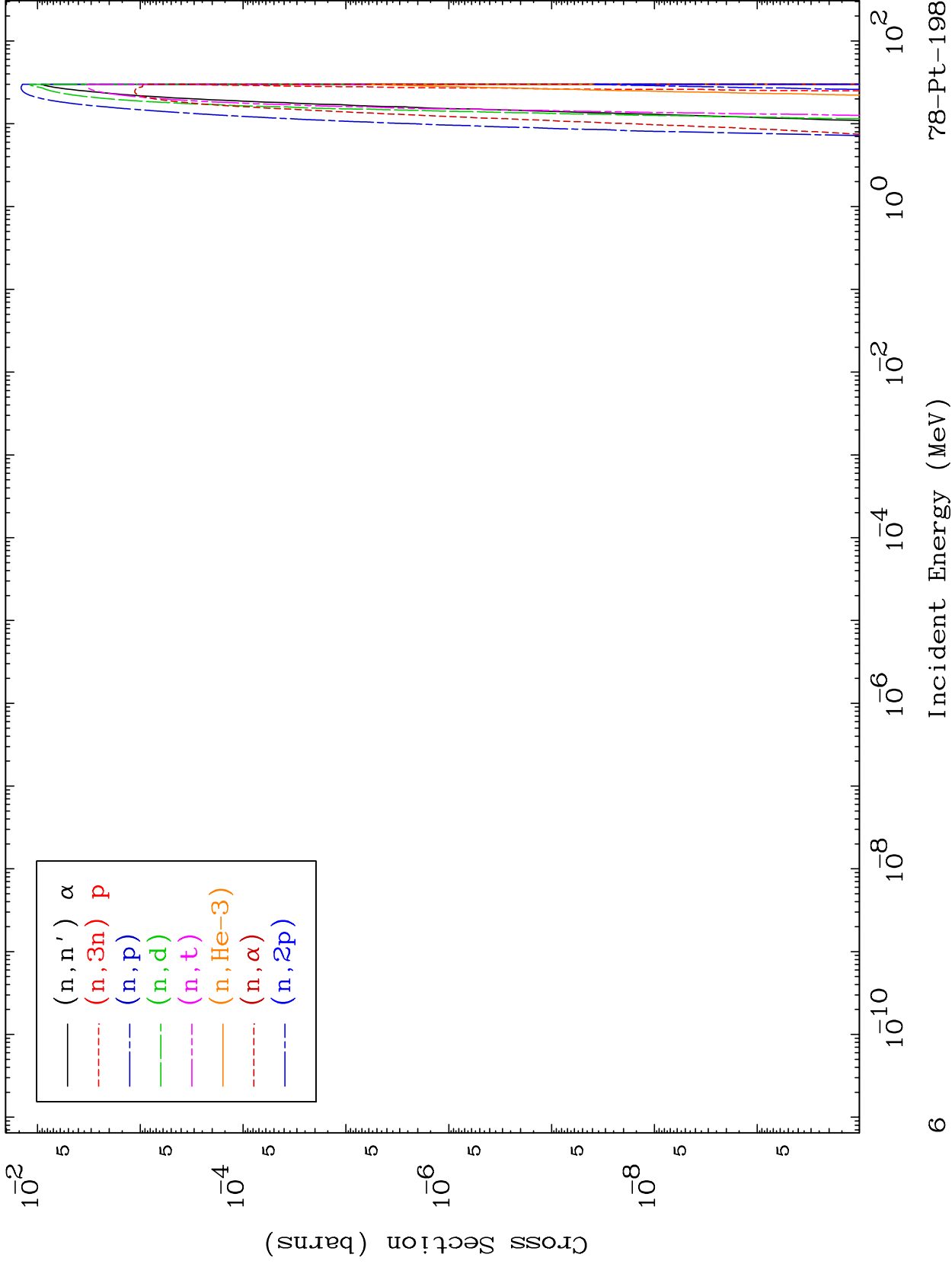
78-Pt-198



MAT 7849

Charged Particle  
293 Kelvin Cross Sections

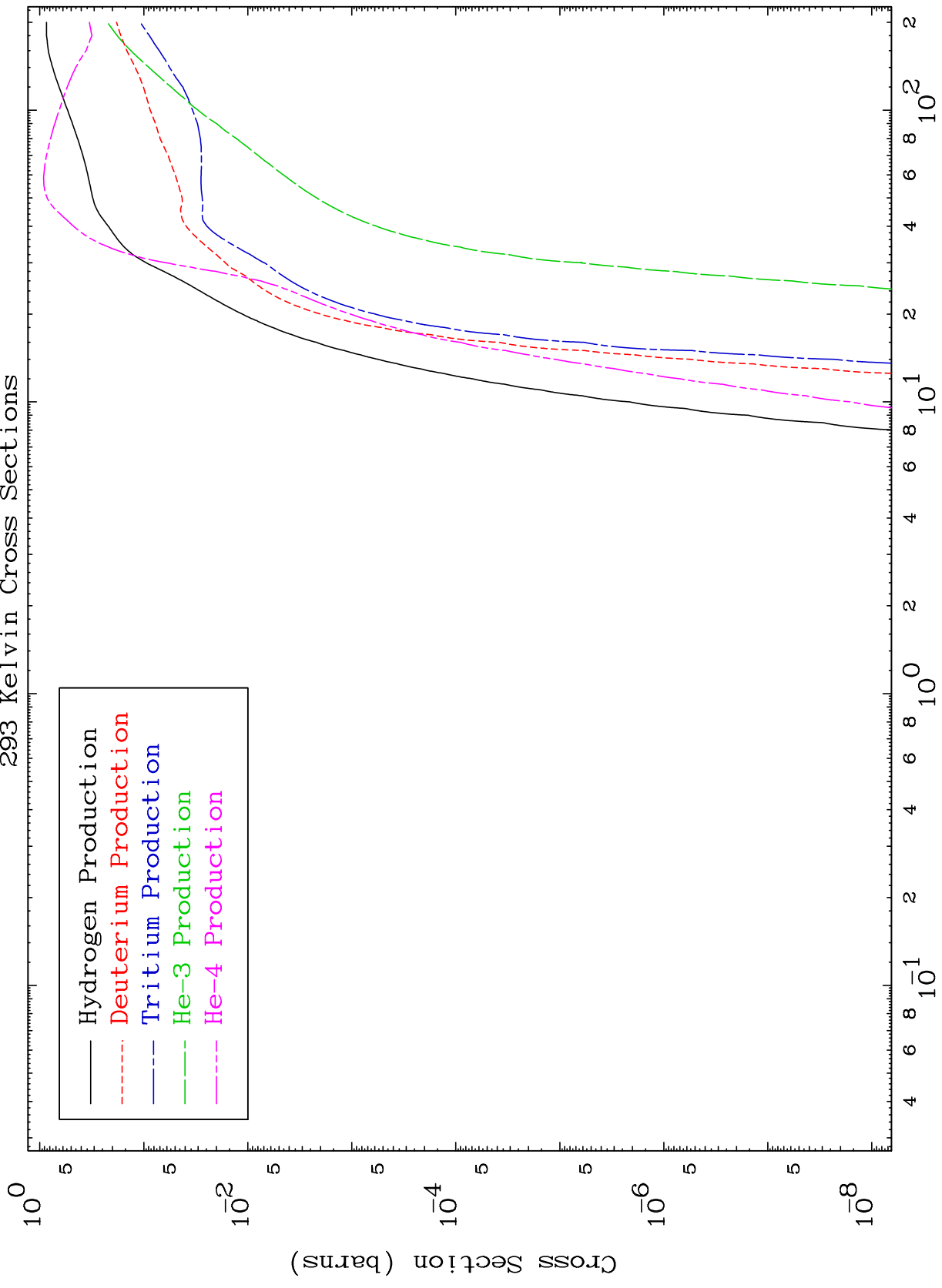
78-Pt-198



MAT 7849

Particle Production  
293 Kelvin Cross Sections

78-Pt-198

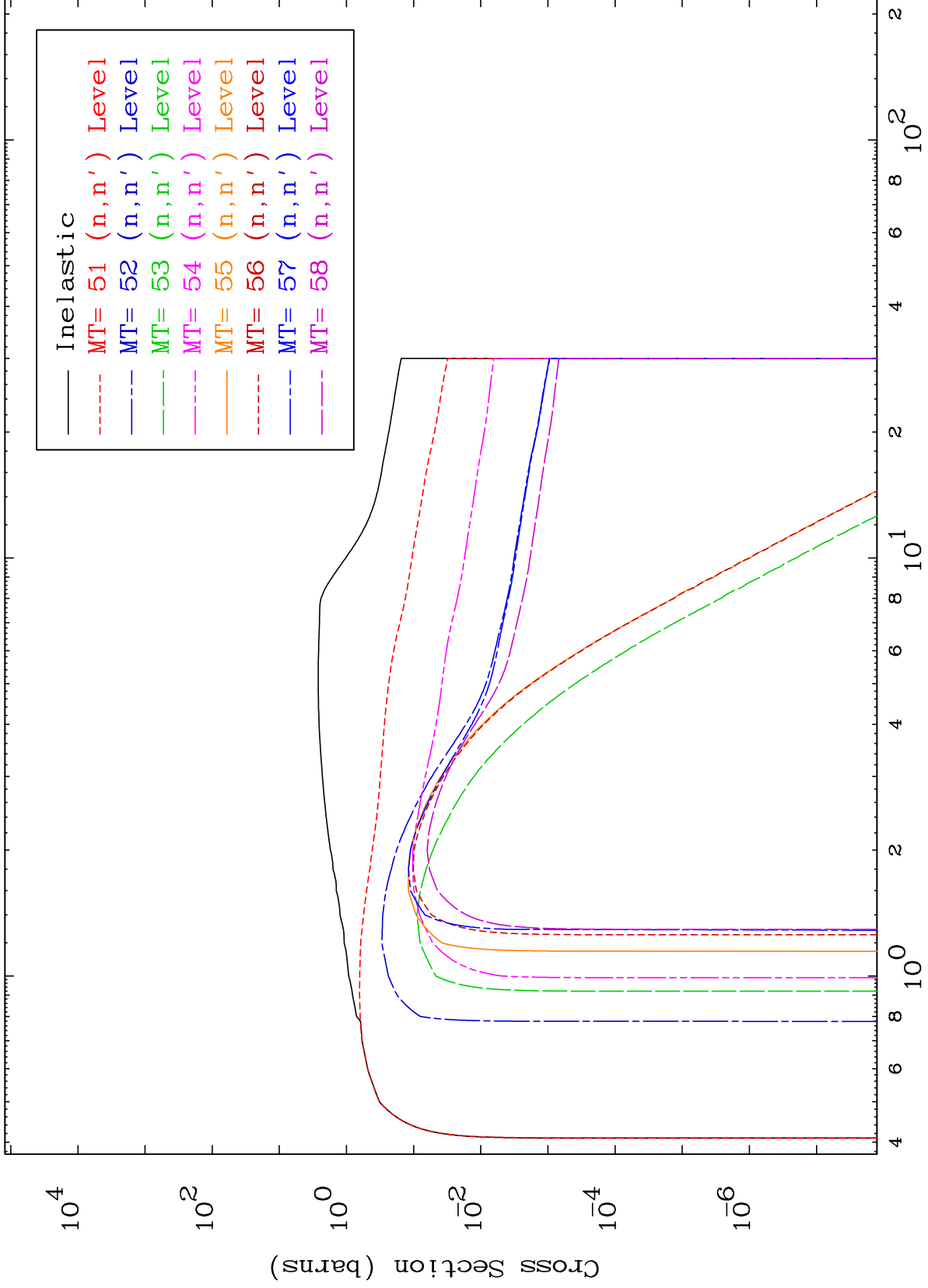


MAT 7849

(n,n') Levels

78-Pt-198

293 Kelvin Cross Sections



8

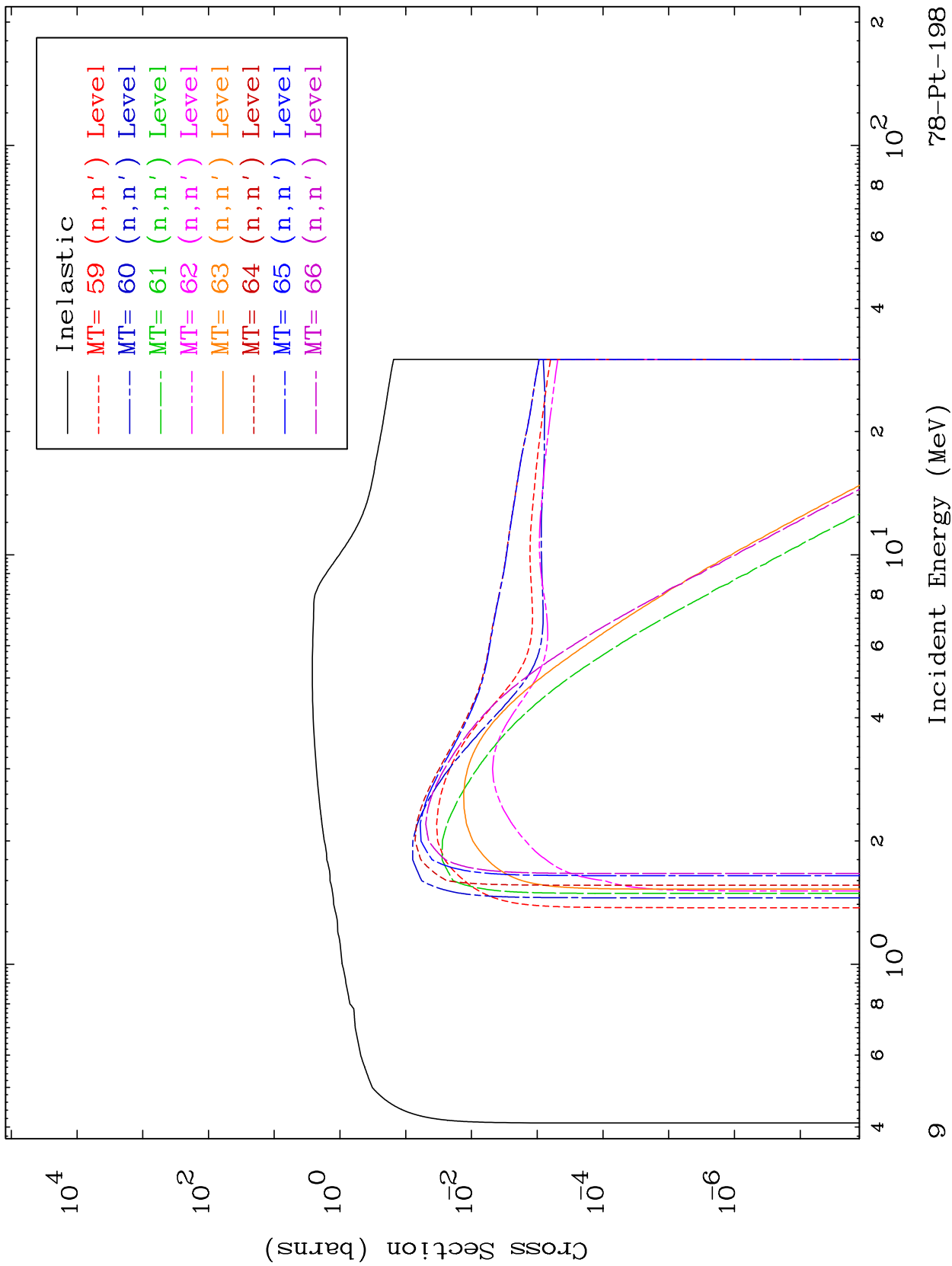
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,n') Levels  
293 Kelvin Cross Sections

78-Pt-198

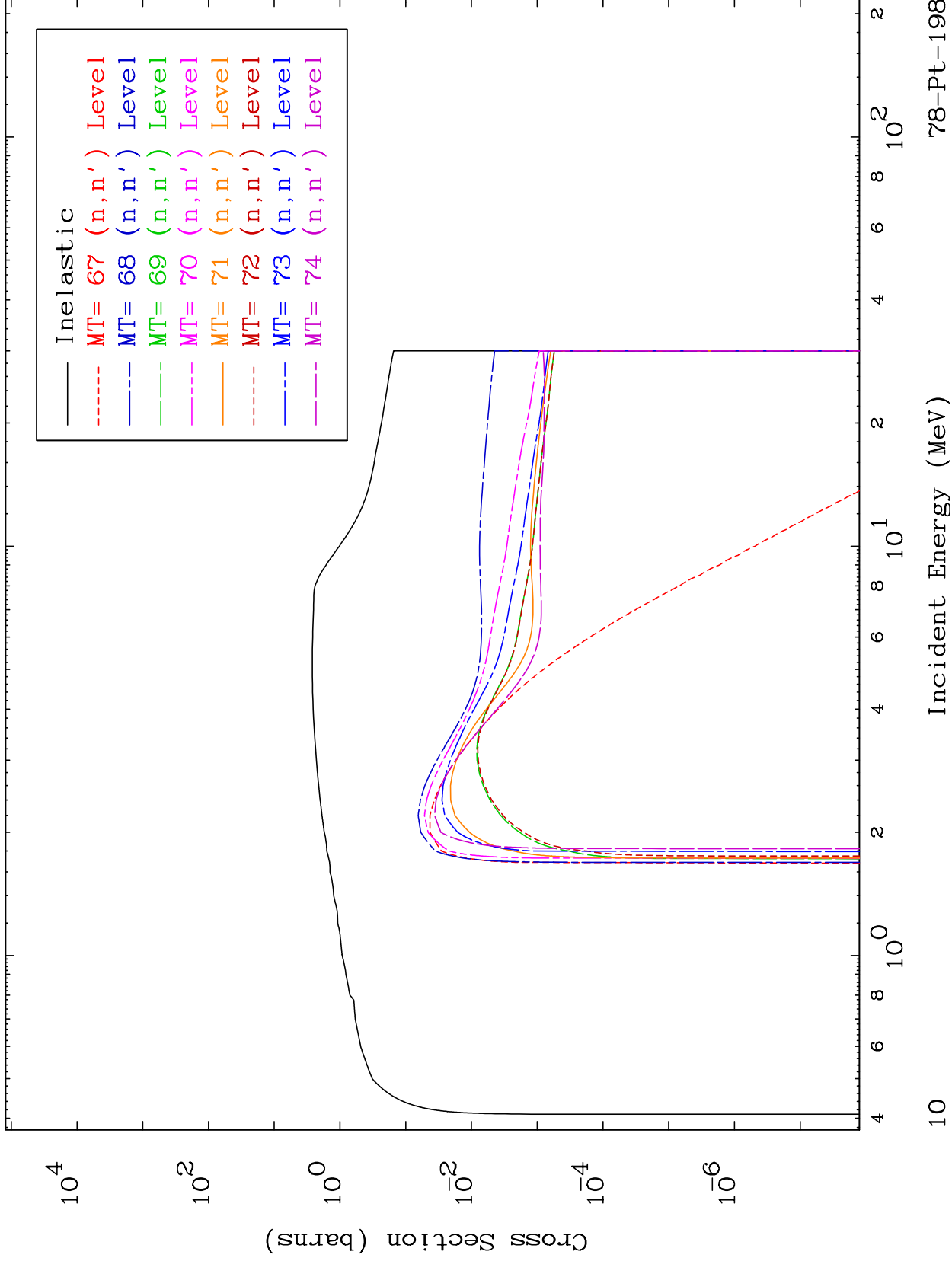


MAT 7849

(n,n') Levels

78-Pt-198

293 Kelvin Cross Sections



10

Incident Energy (MeV)

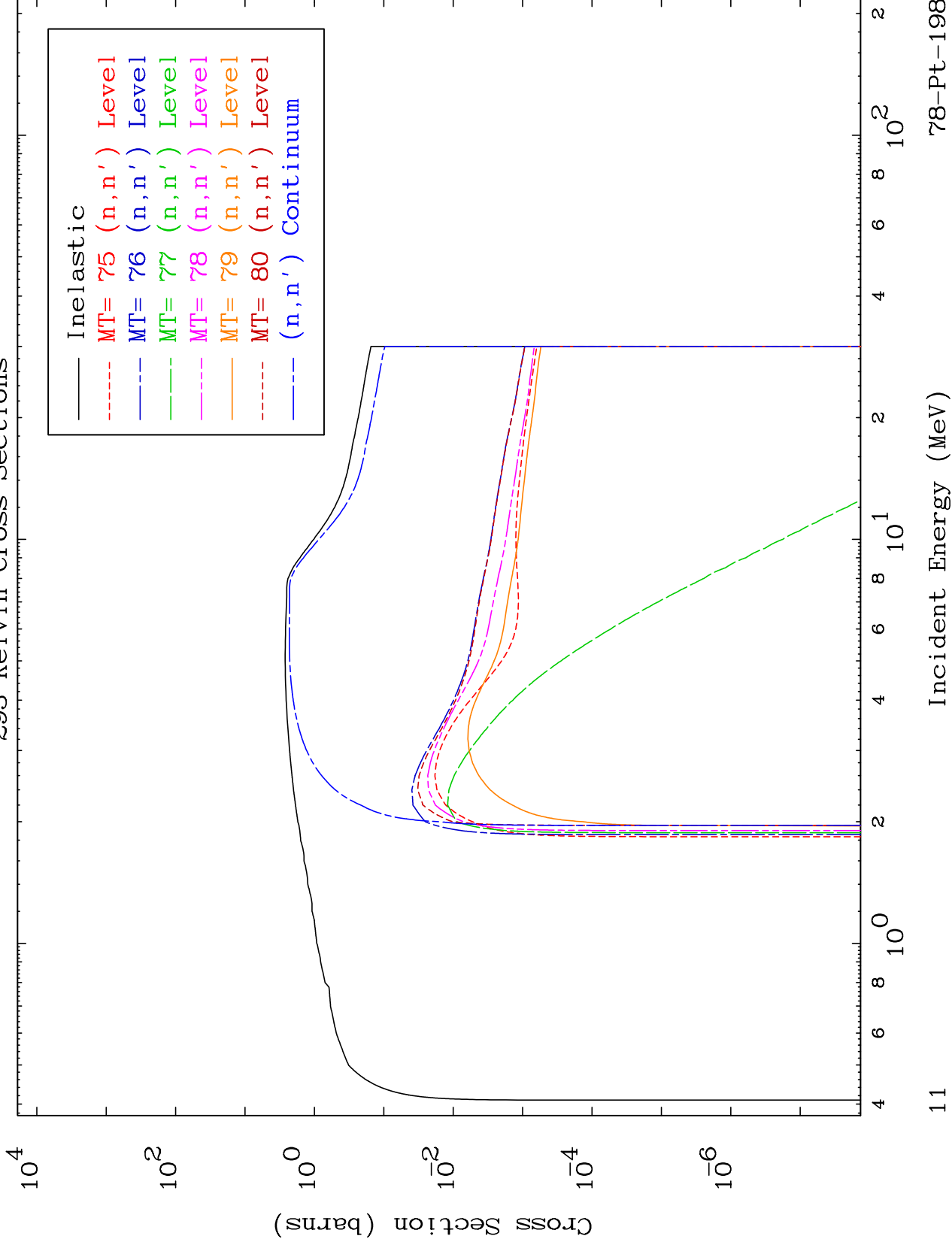
78-Pt-198

MAT 7849

(n,n') Levels

78-Pt-198

293 Kelvin Cross Sections



11

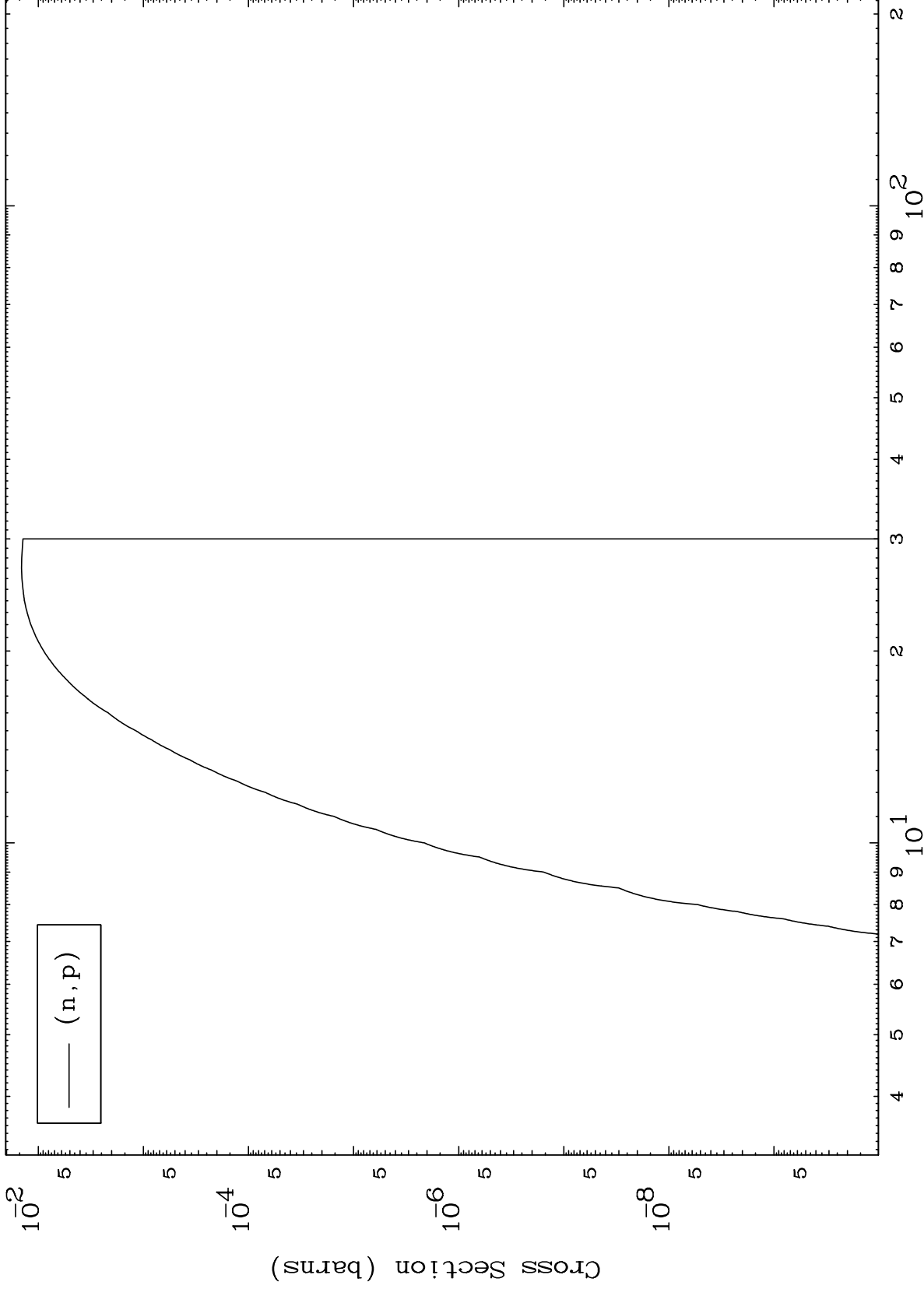
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-198



12

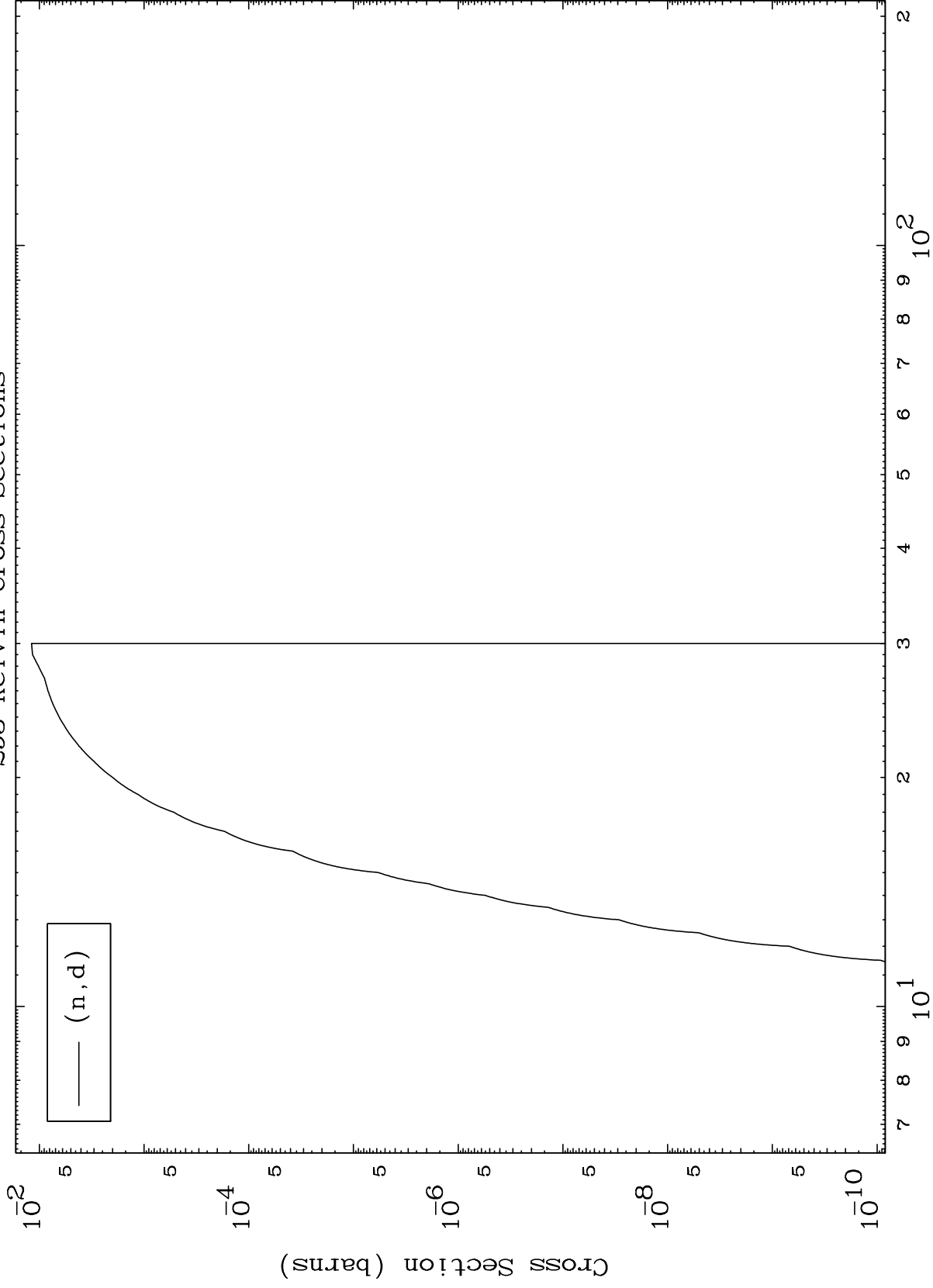
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-198



13

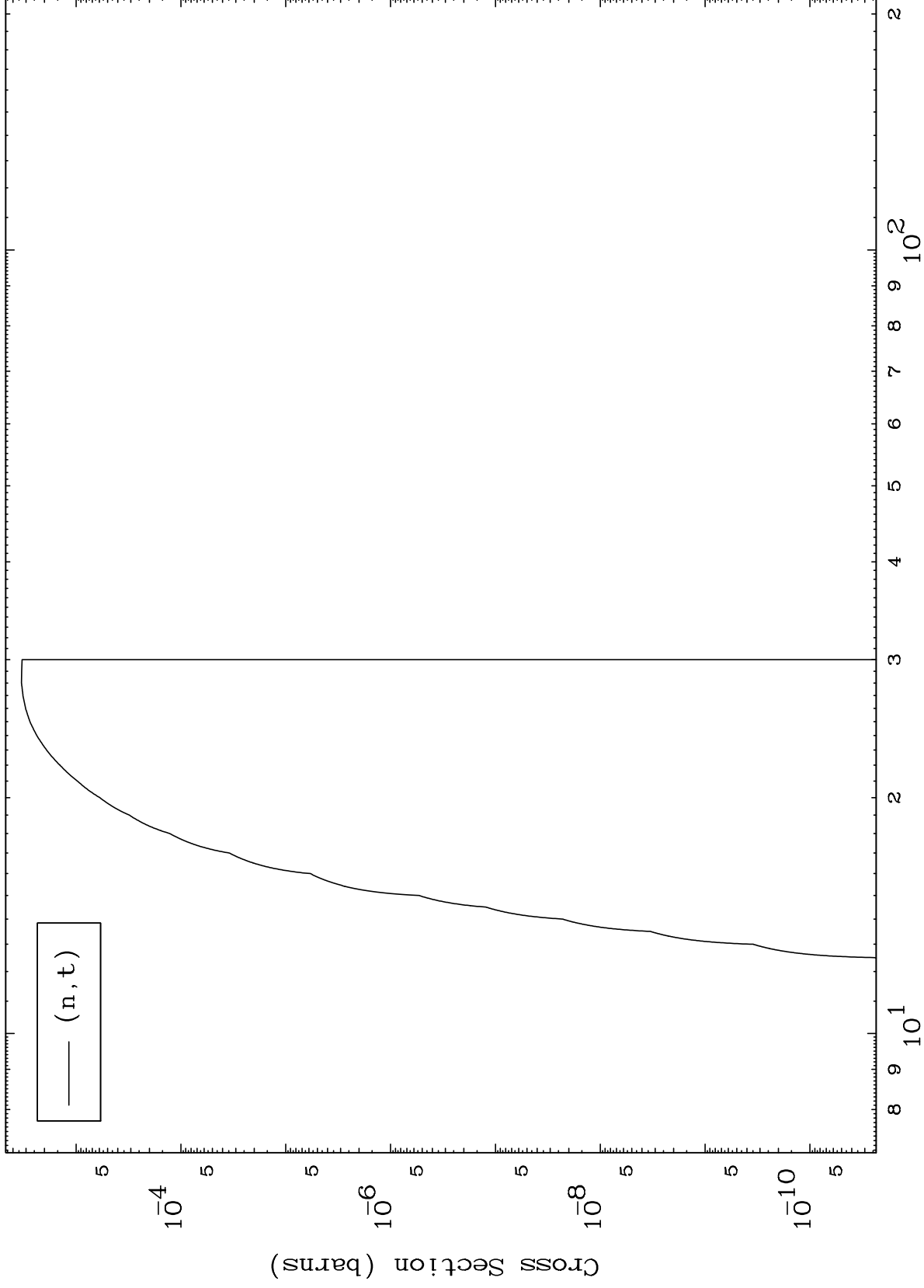
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-198



14

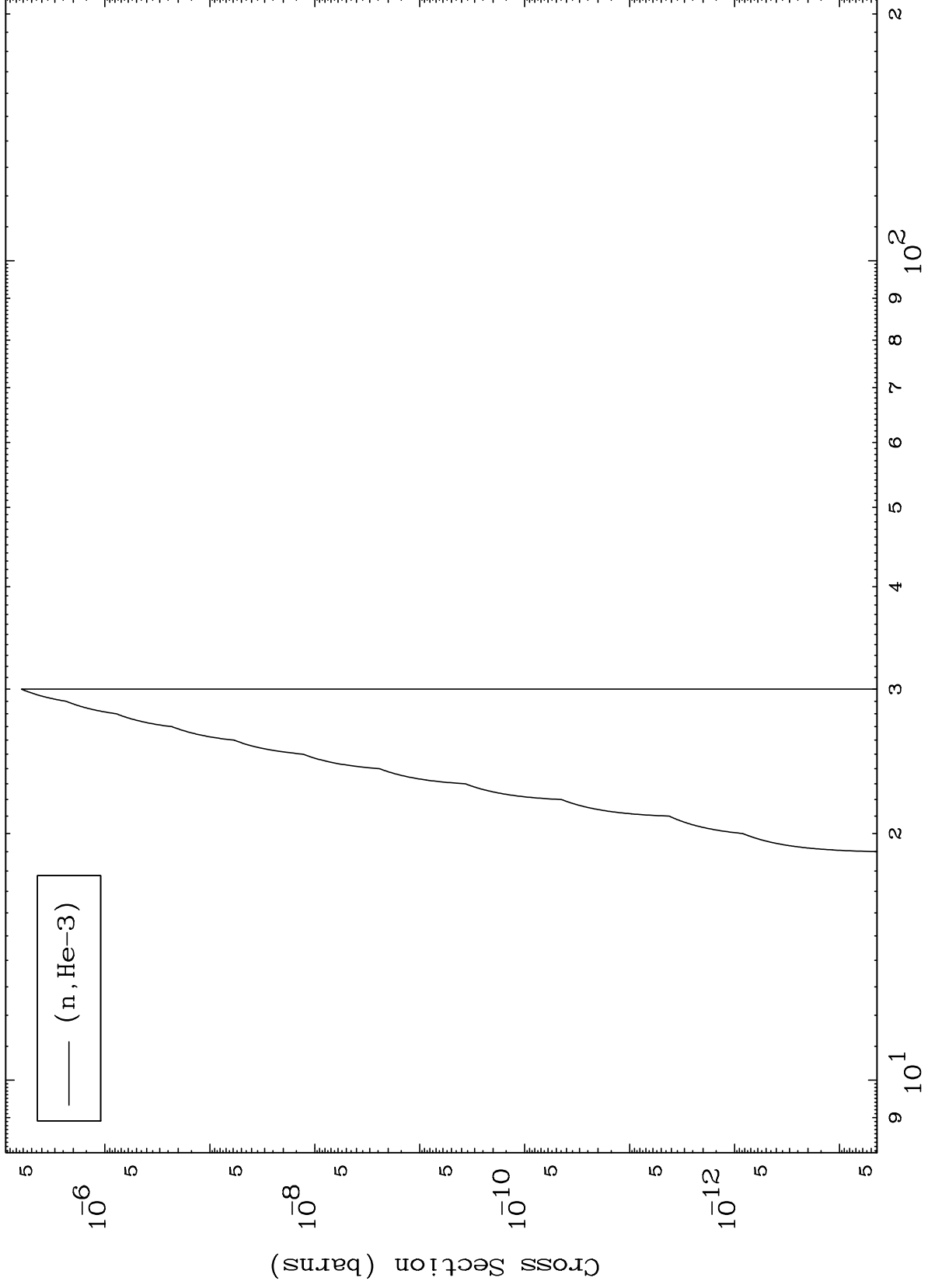
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-198



15

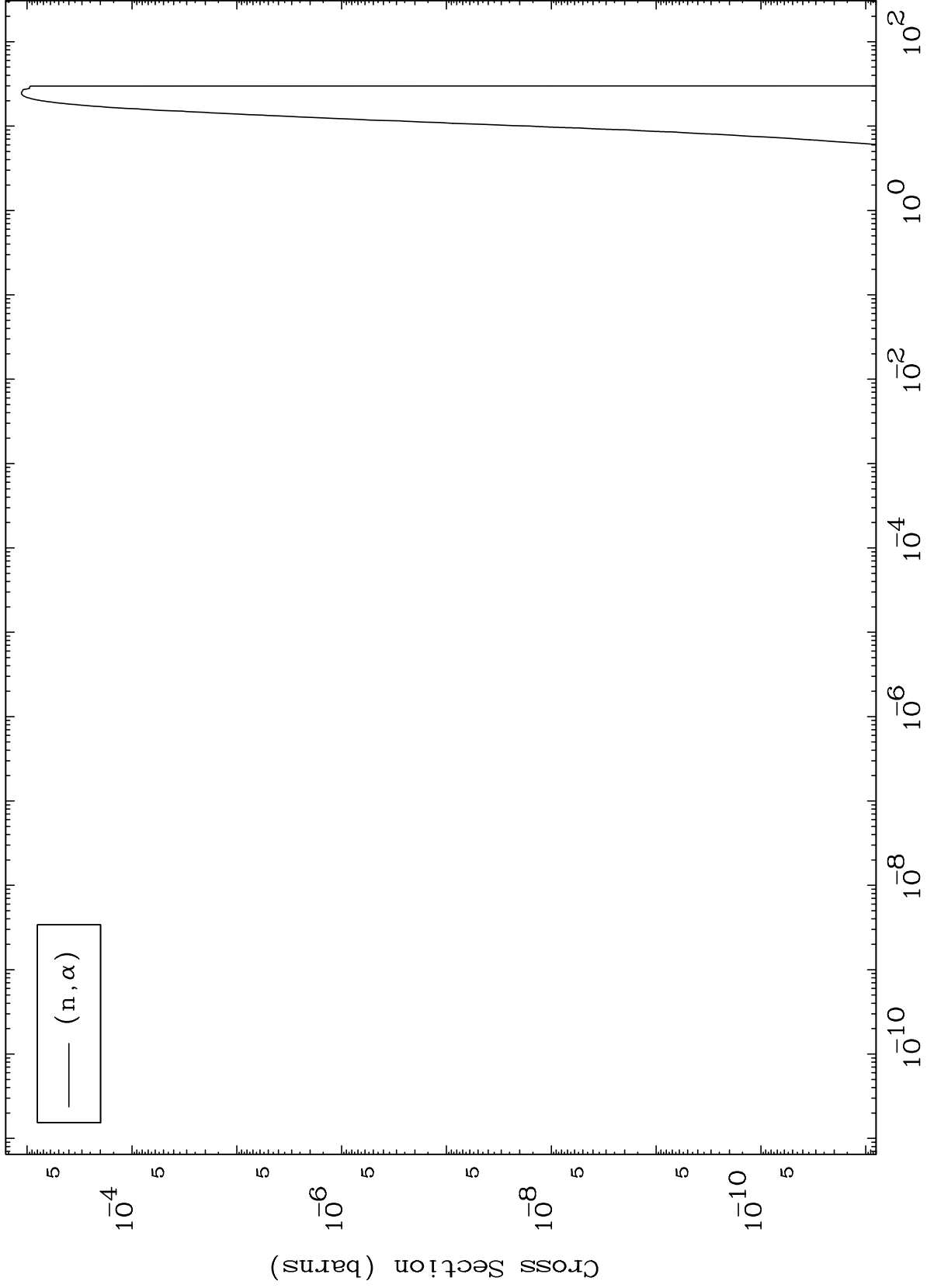
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

78-Pt-198



16

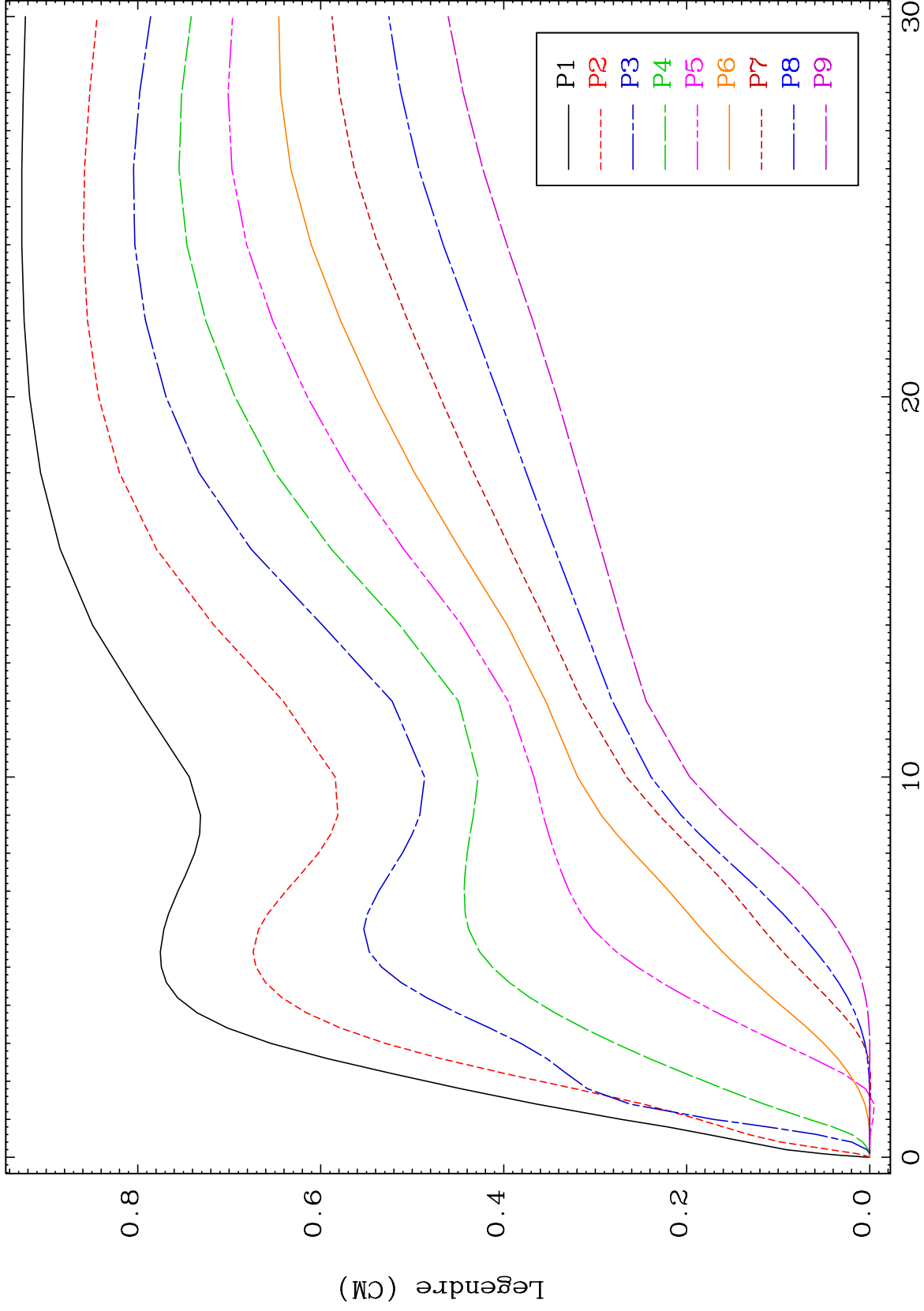
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

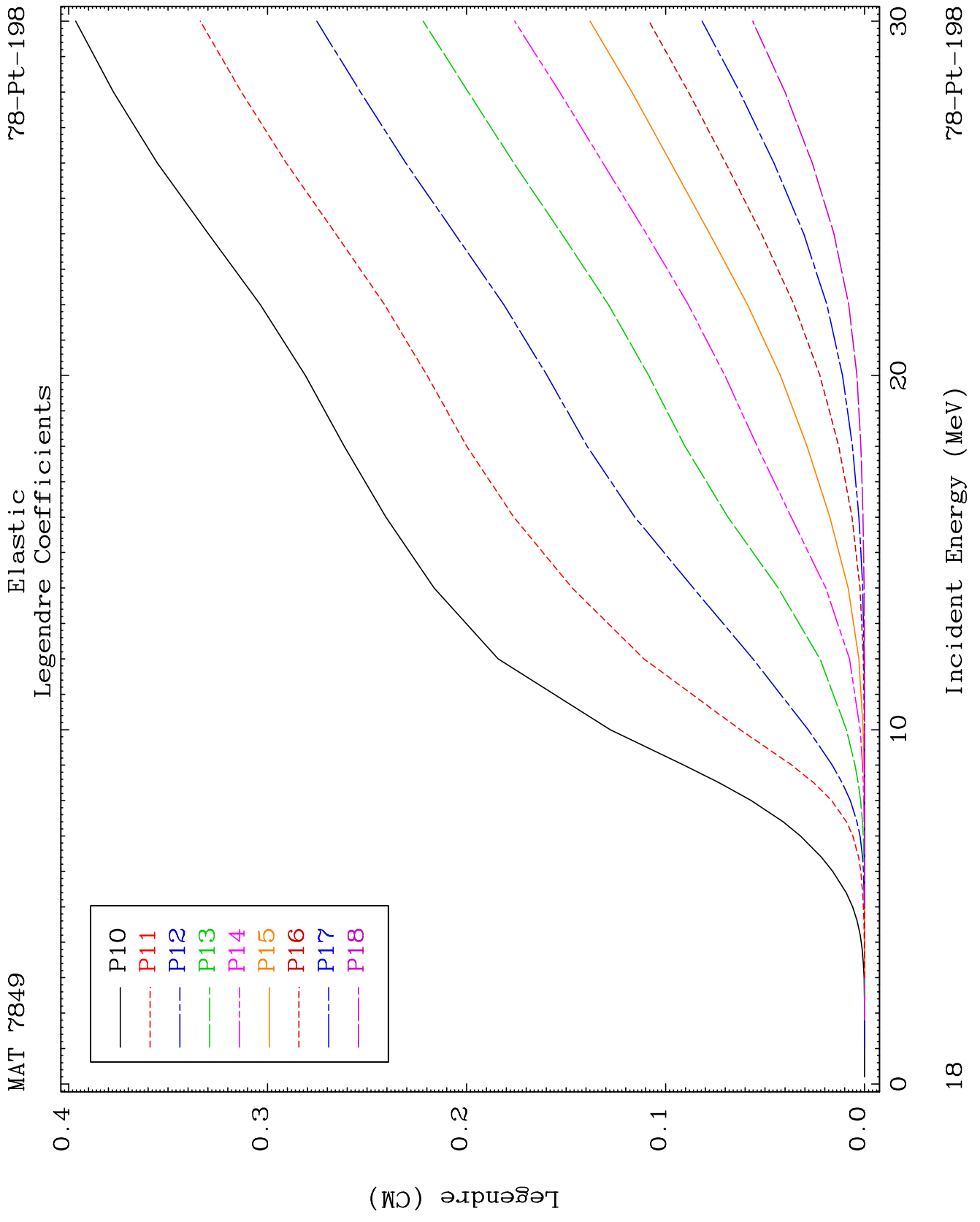
Elastic Legendre Coefficients



17

Incident Energy (MeV)

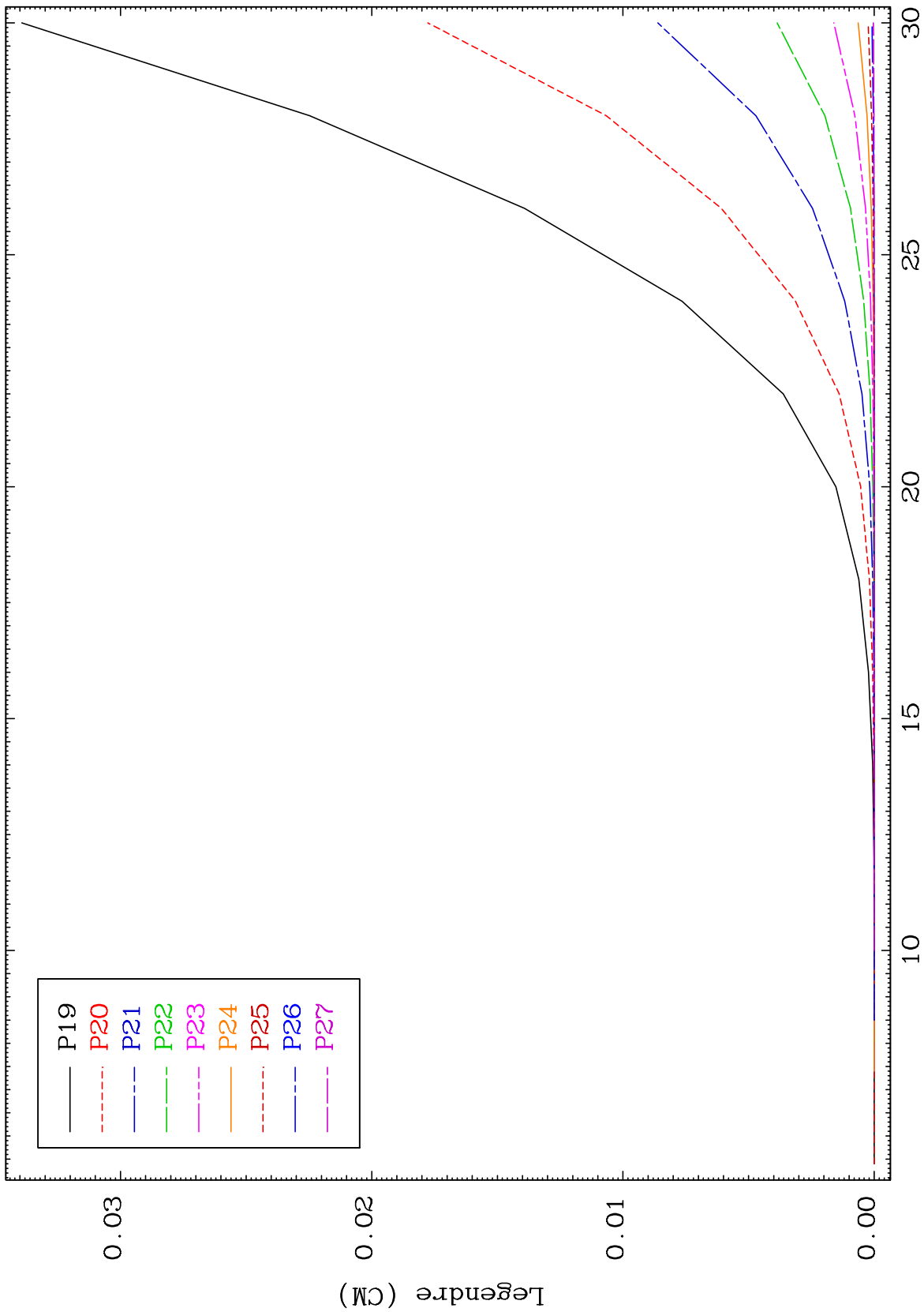
78-Pt-198



MAT 7849

### Elastic Legendre Coefficients

78-Pt-198



19

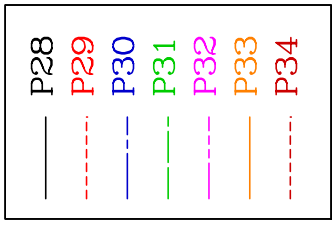
Incident Energy (MeV)

78-Pt-198

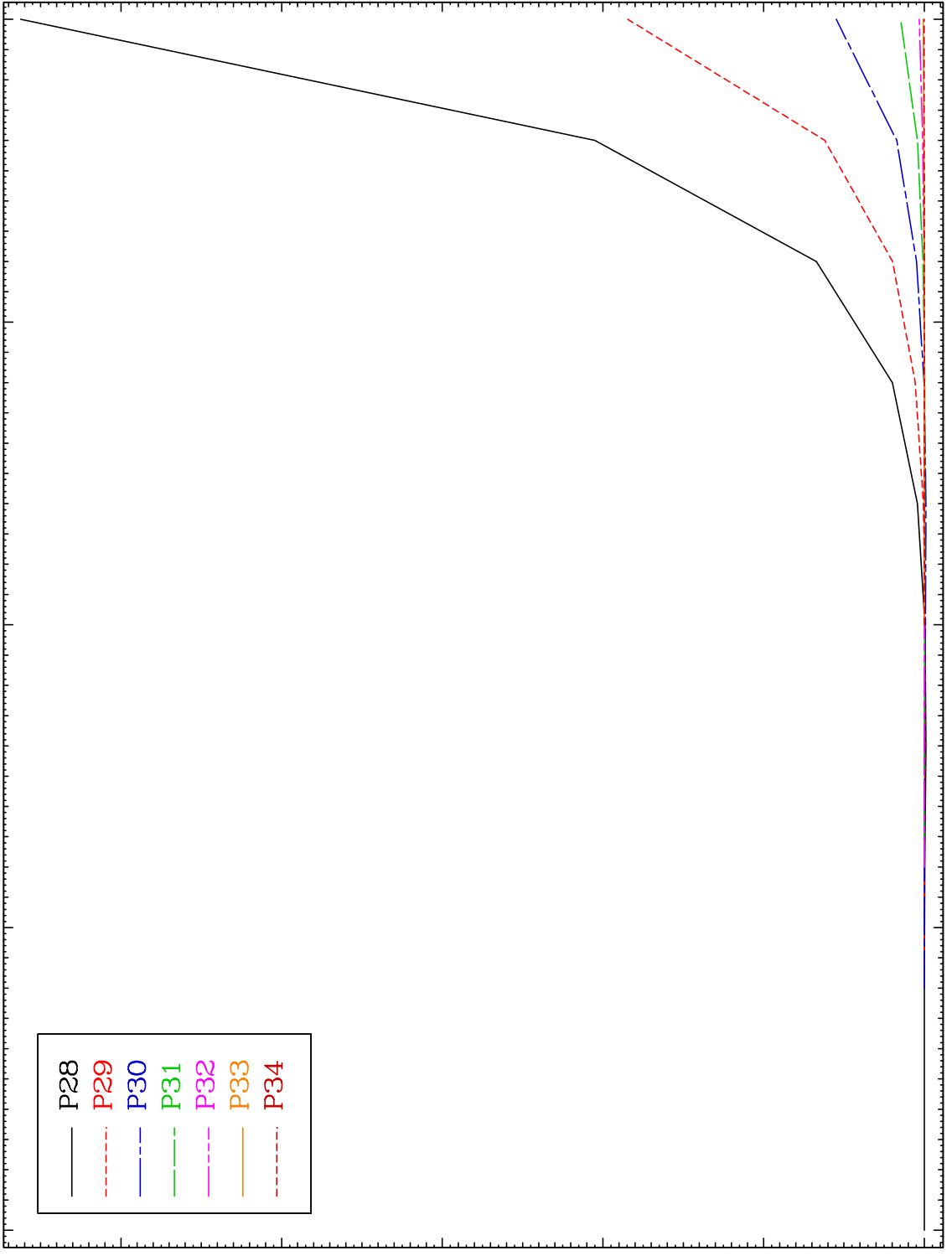
MAT 7849

Elastic Legendre Coefficients

78-Pt-198



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



30

25

20

15

10

Incident Energy (MeV)

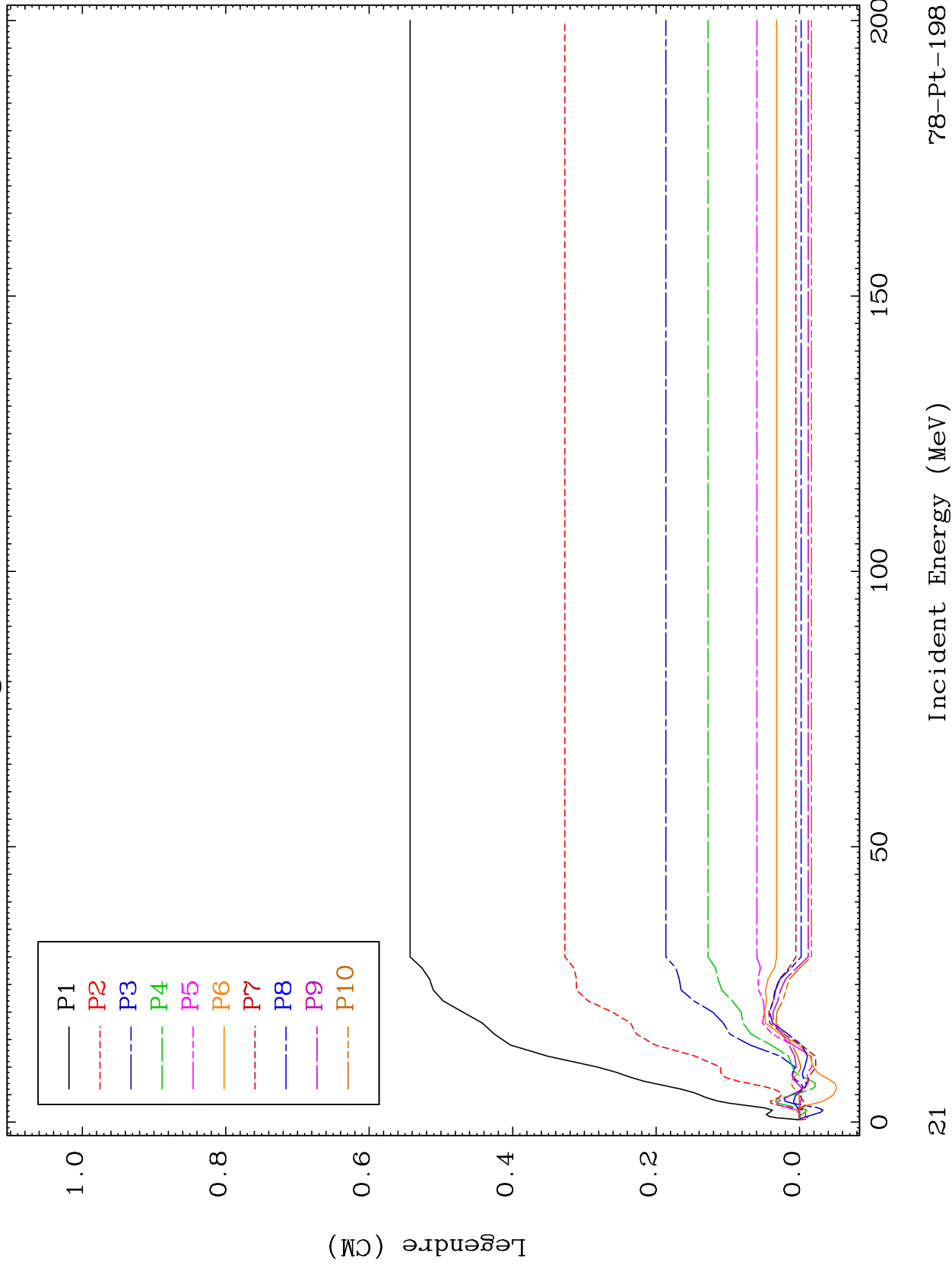
78-Pt-198

20

MAT 7849

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

78-Pt-198

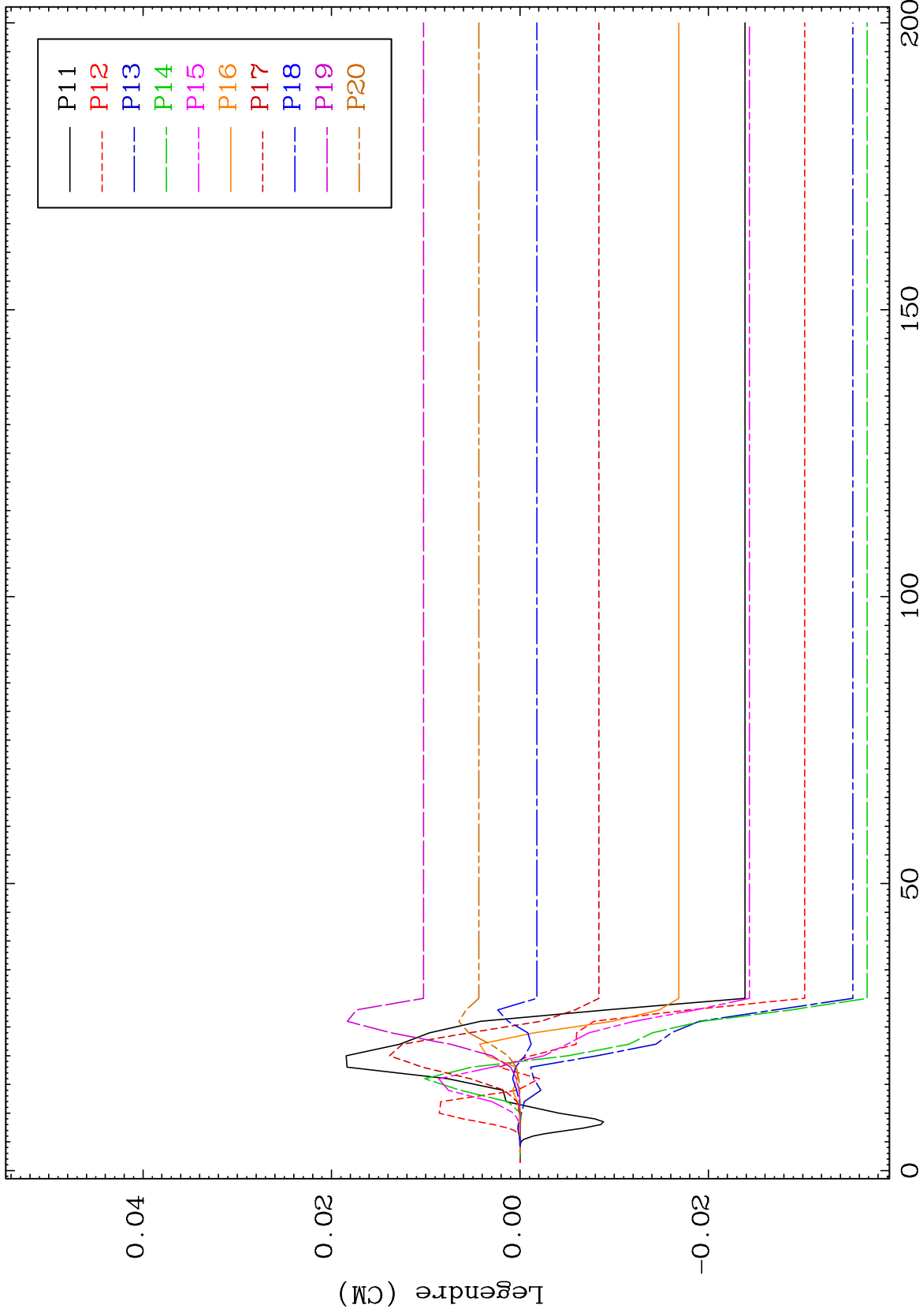


21

MAT 7849

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

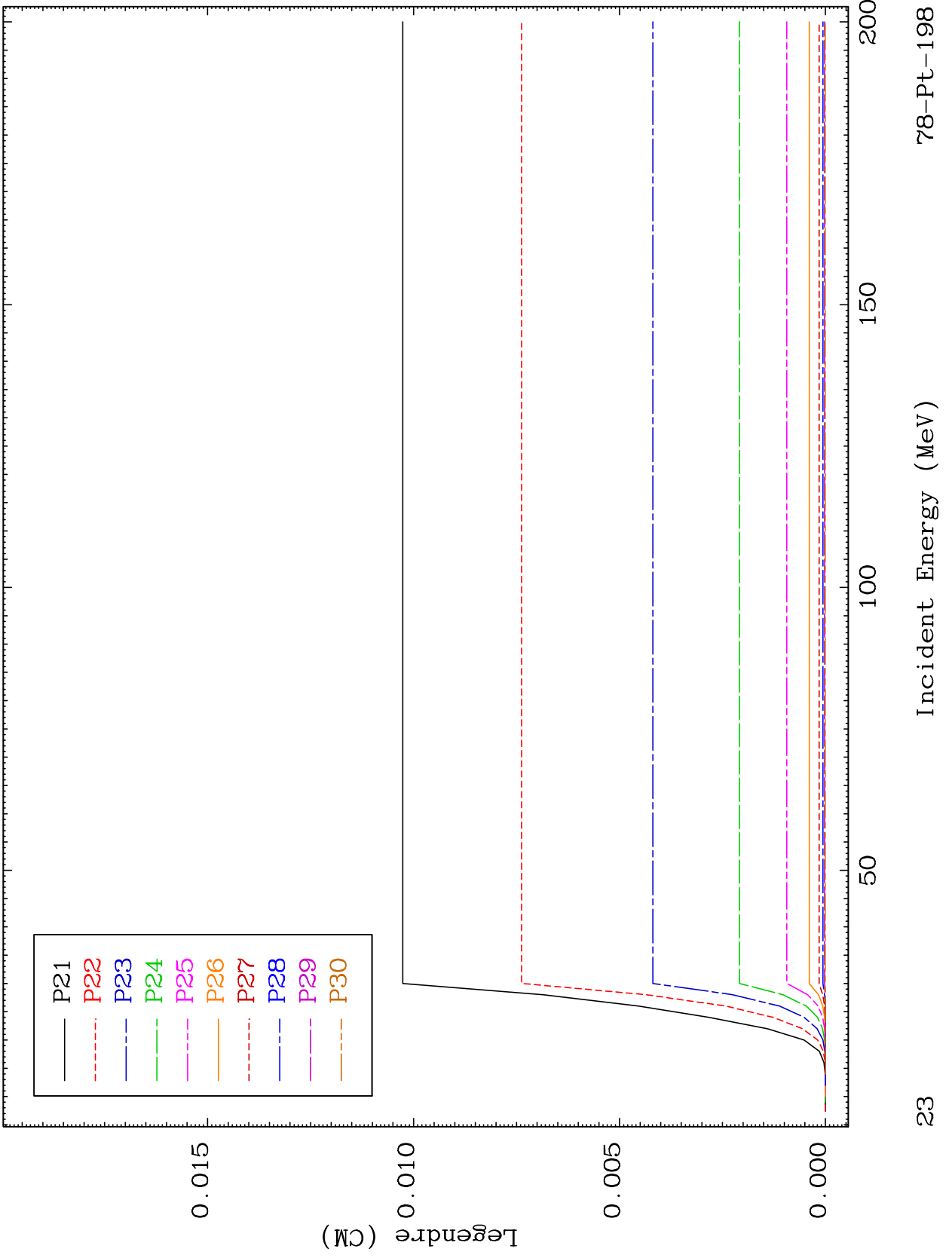
78-Pt-198



22

Incident Energy (MeV)

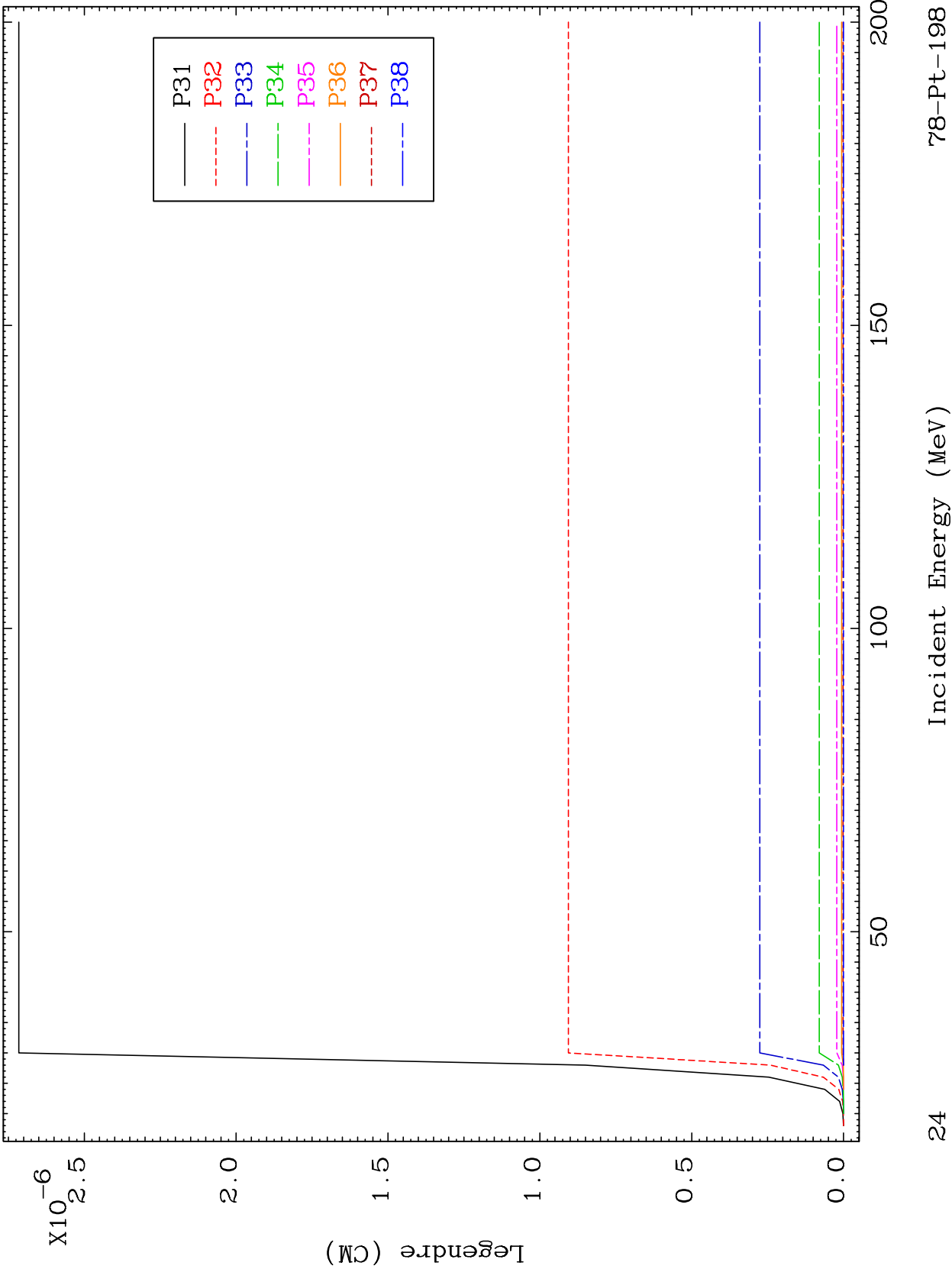
78-Pt-198



MAT 7849

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

78-Pt-198



24

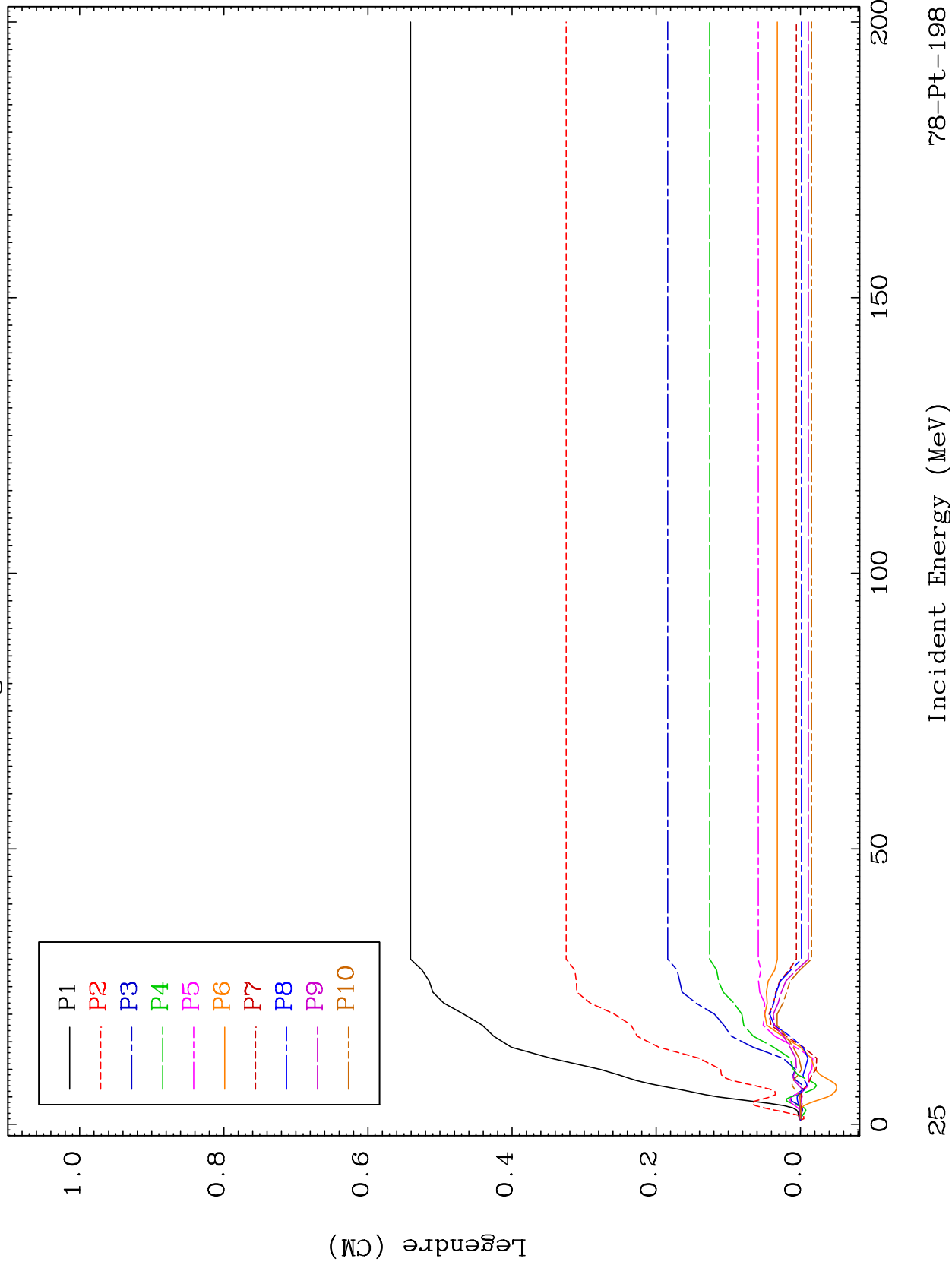
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

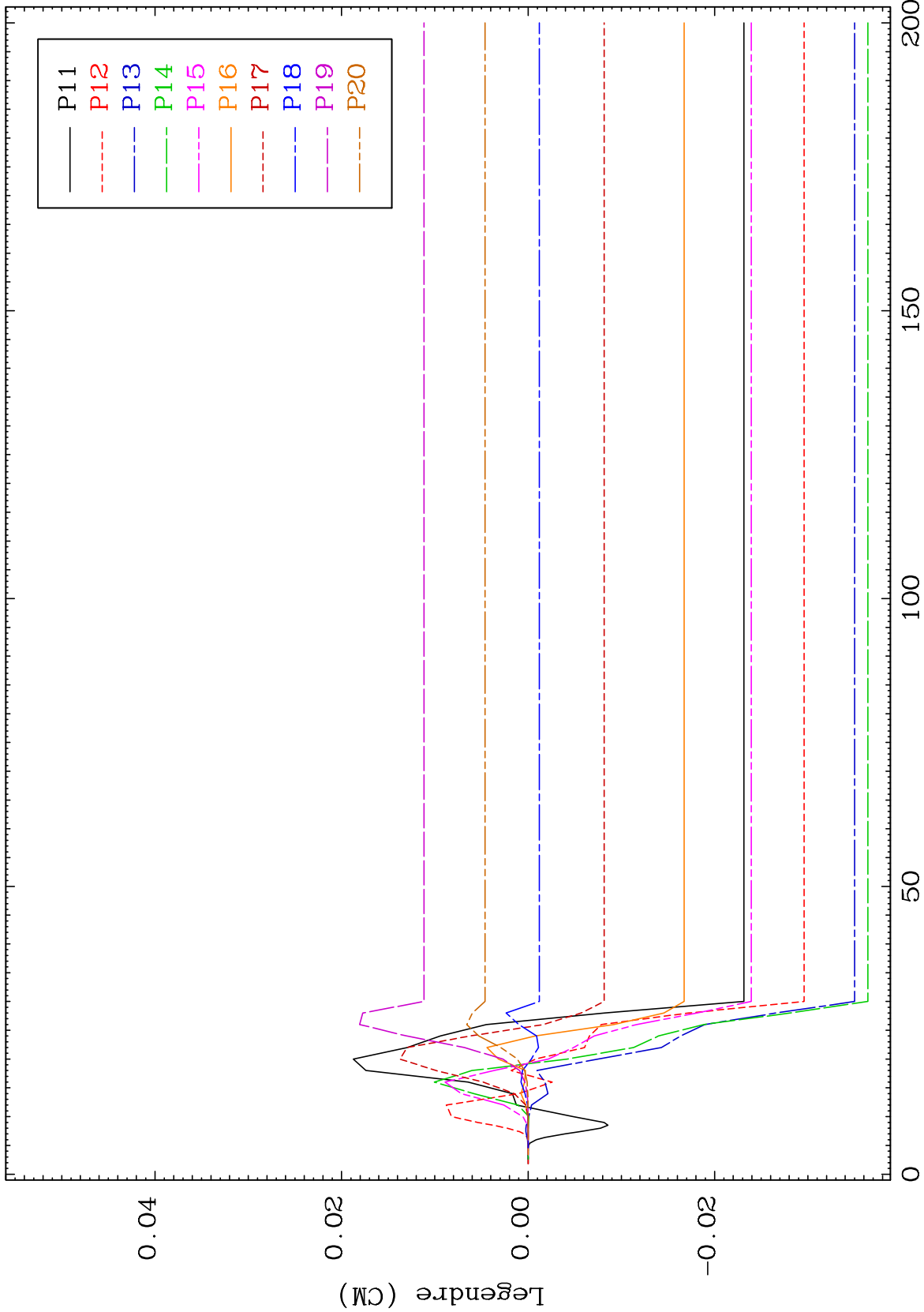
78-Pt-198



MAT 7849

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

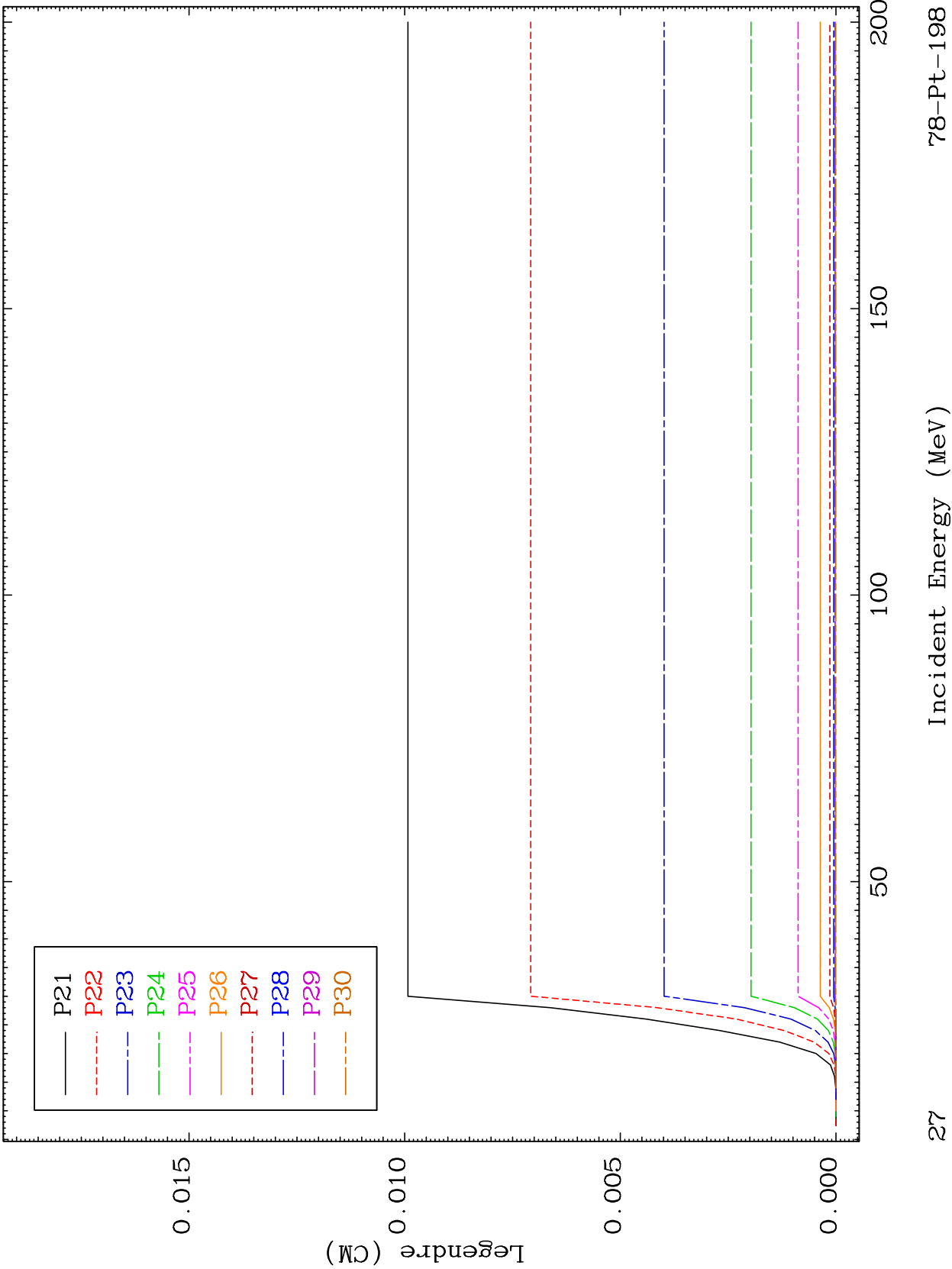
78-Pt-198



26

Incident Energy (MeV)

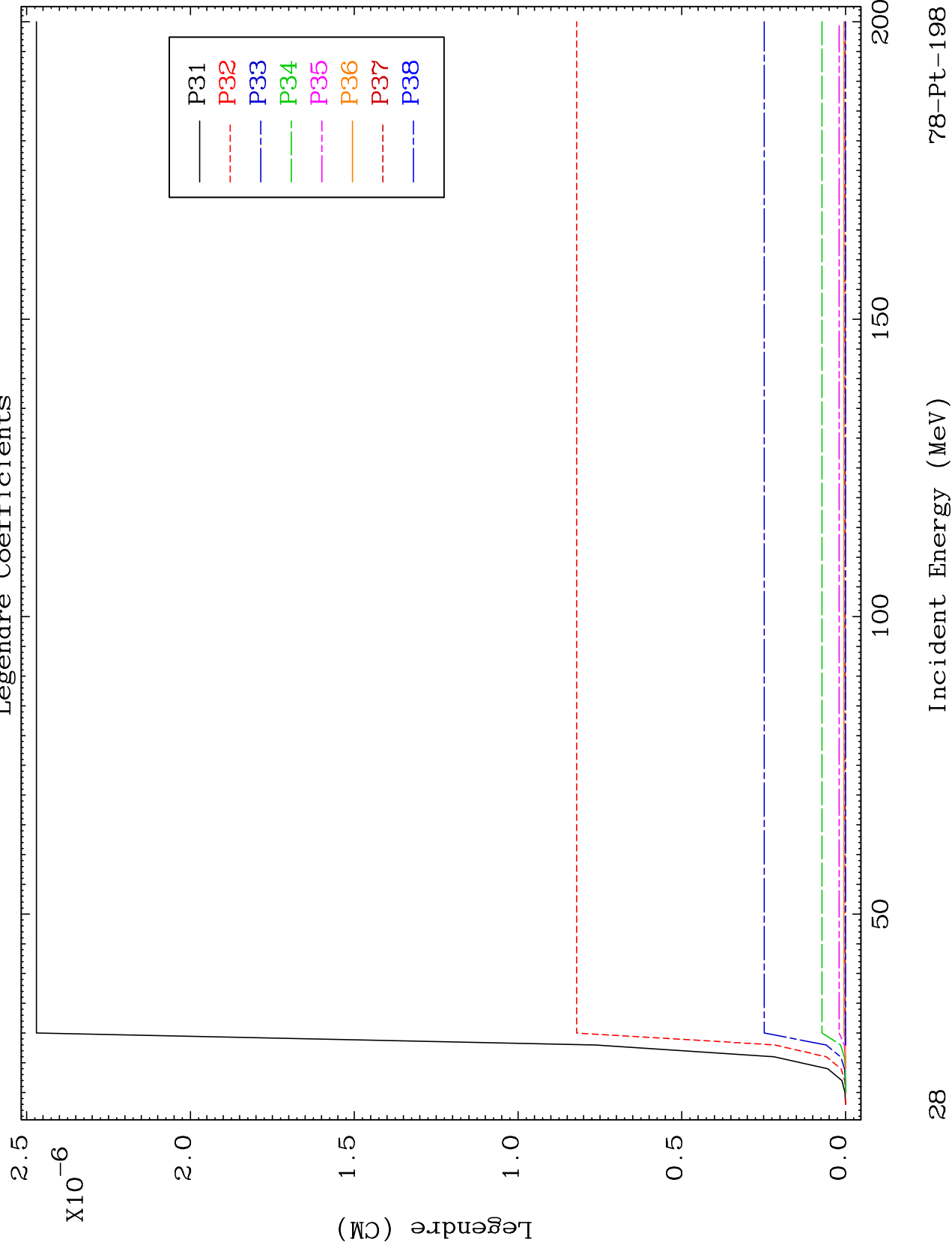
78-Pt-198



MAT 7849

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

78-Pt-198



28

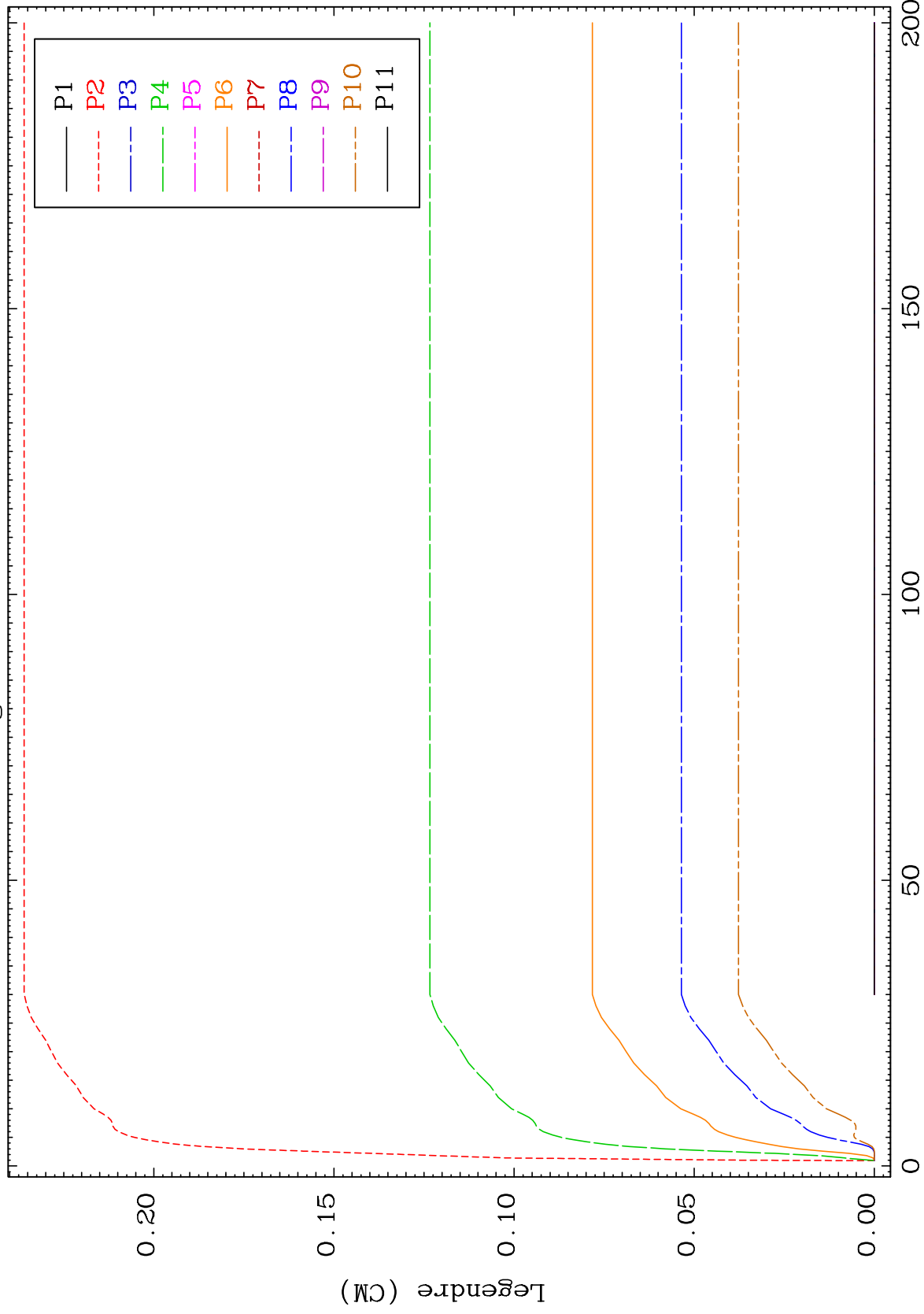
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



29

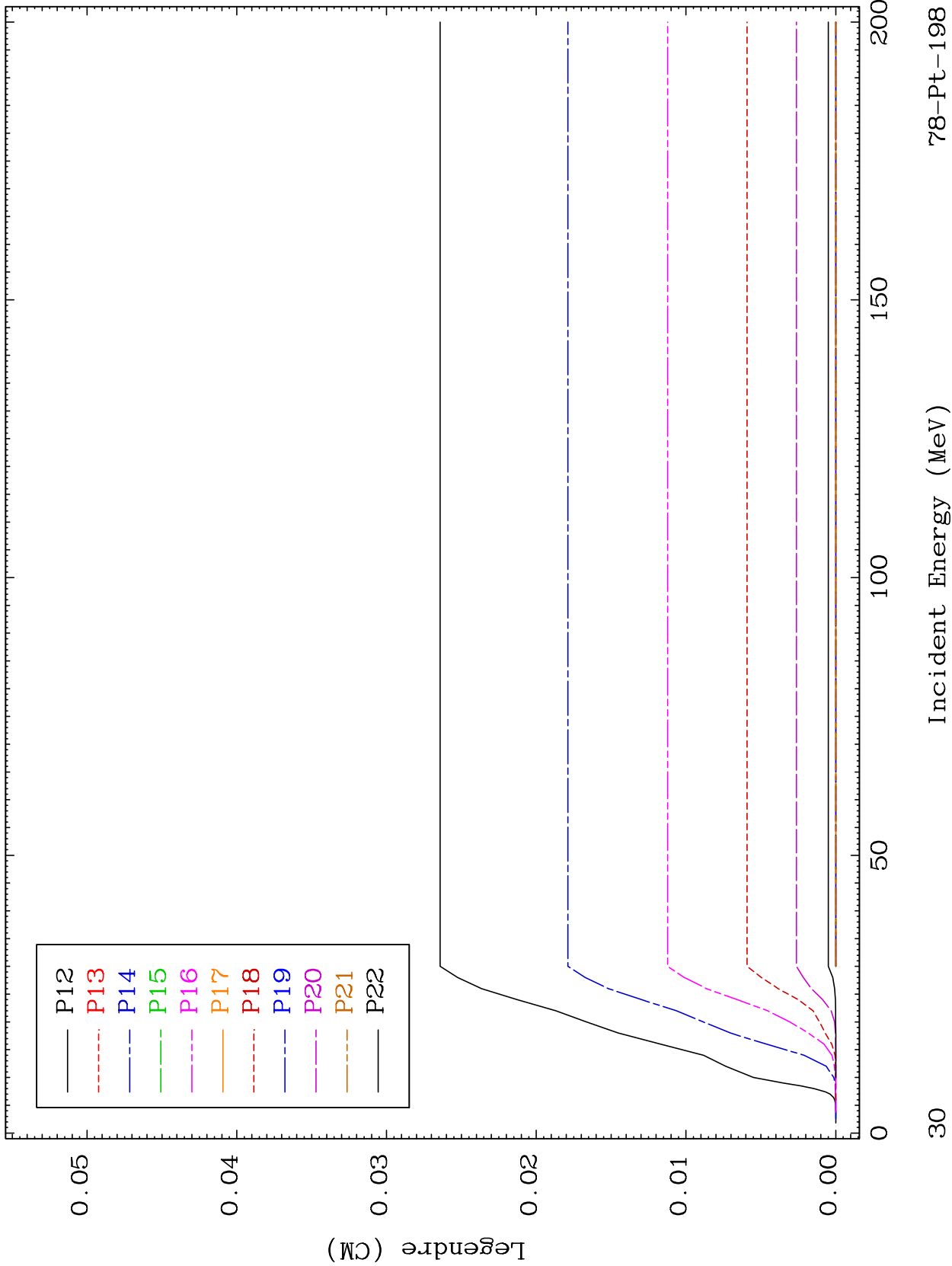
Incident Energy (MeV)

78-Pt-198

MAT 7849

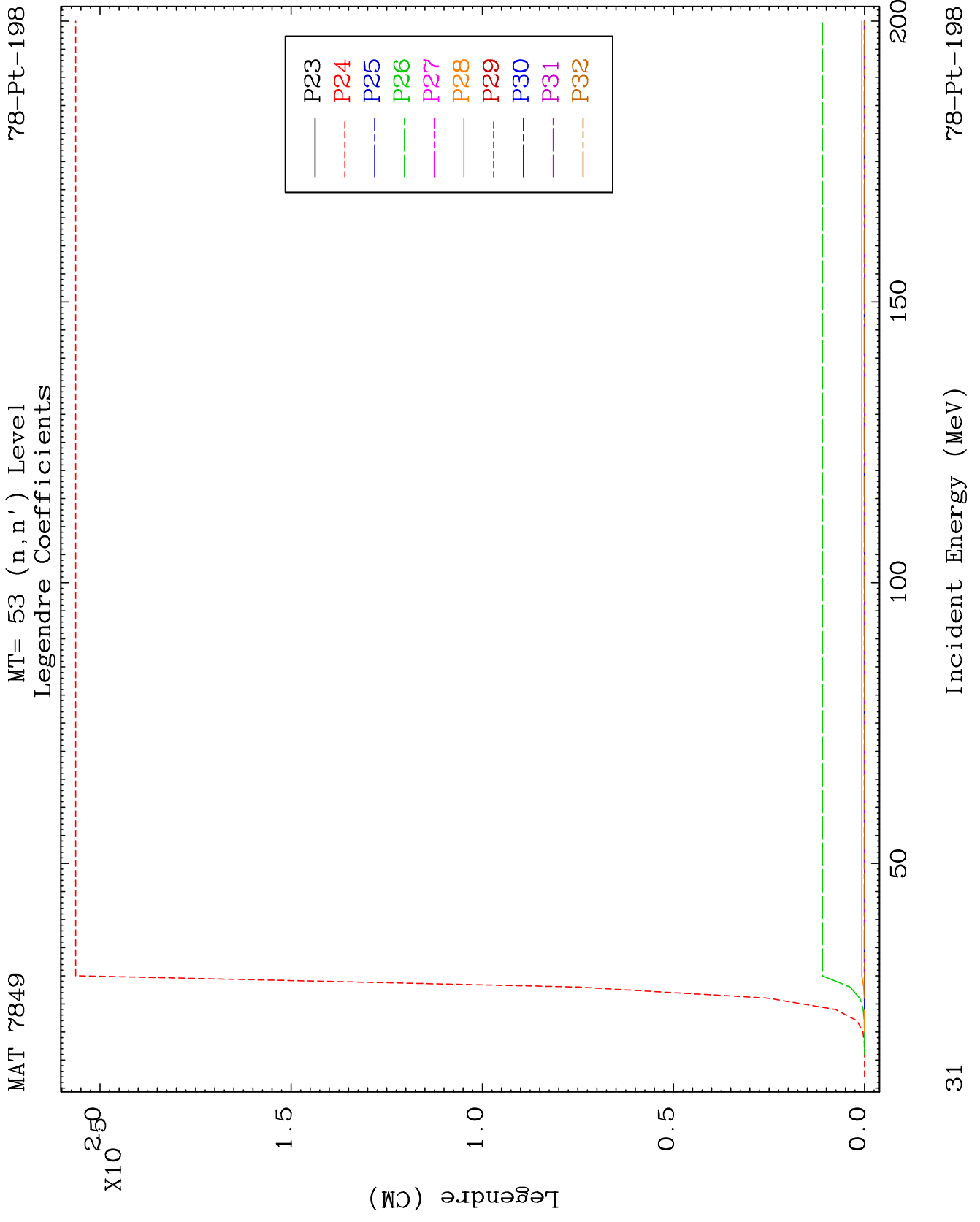
MT= 53 (n,n') Level  
Legendre Coefficients

78-Pt-198



78-Pt-198

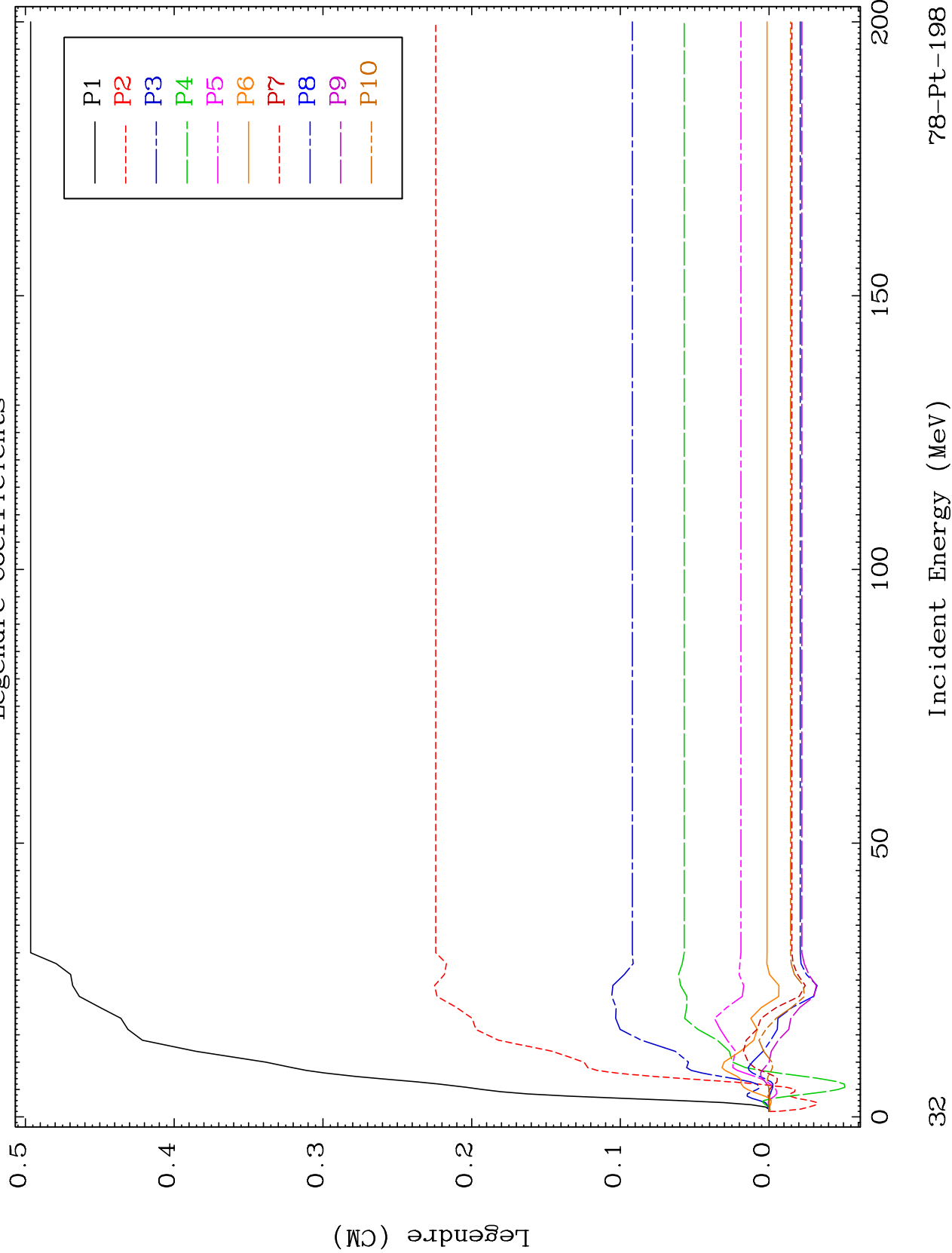
Incident Energy (MeV)



MAT 7849

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

78-Pt-198



78-Pt-198

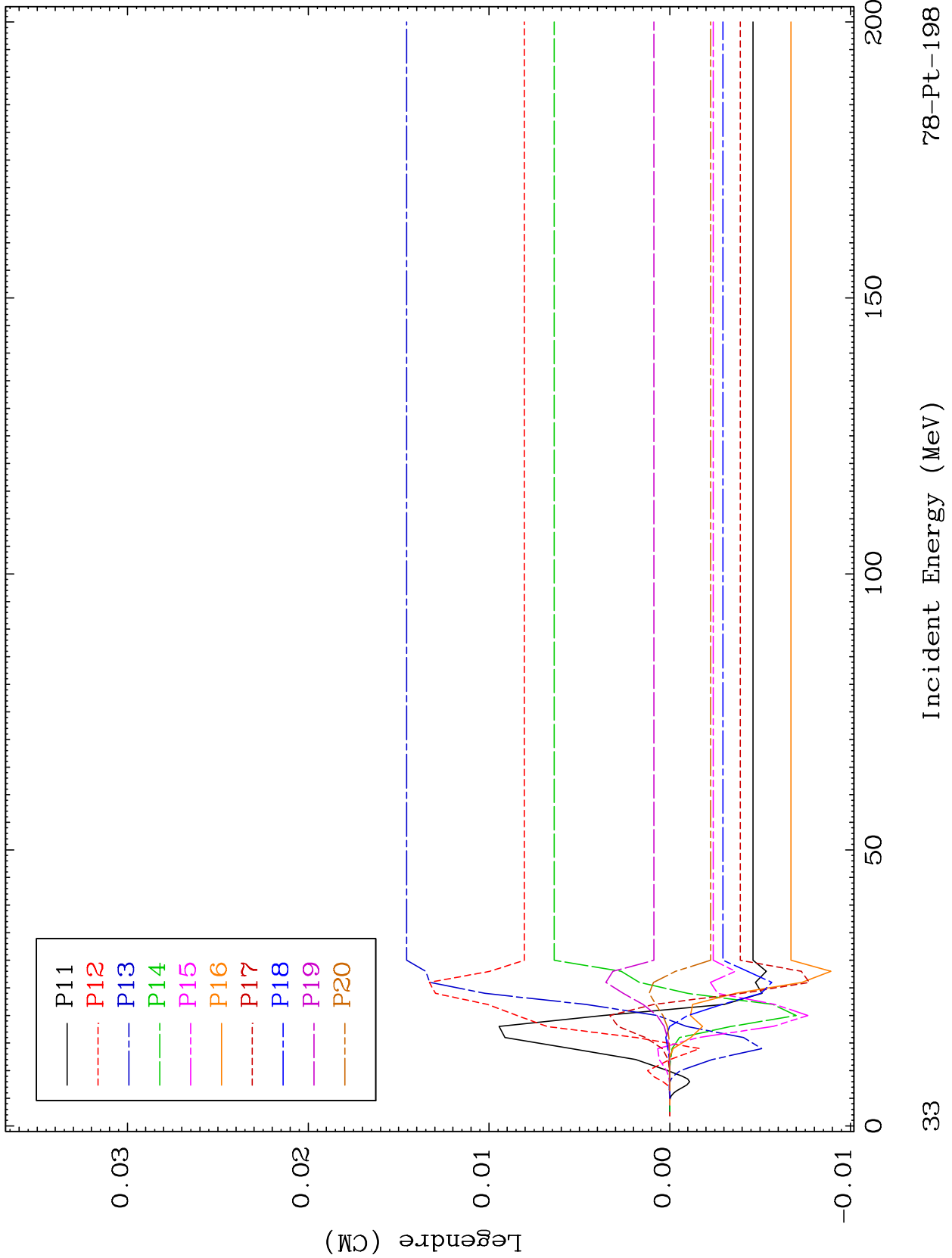
Incident Energy (MeV)

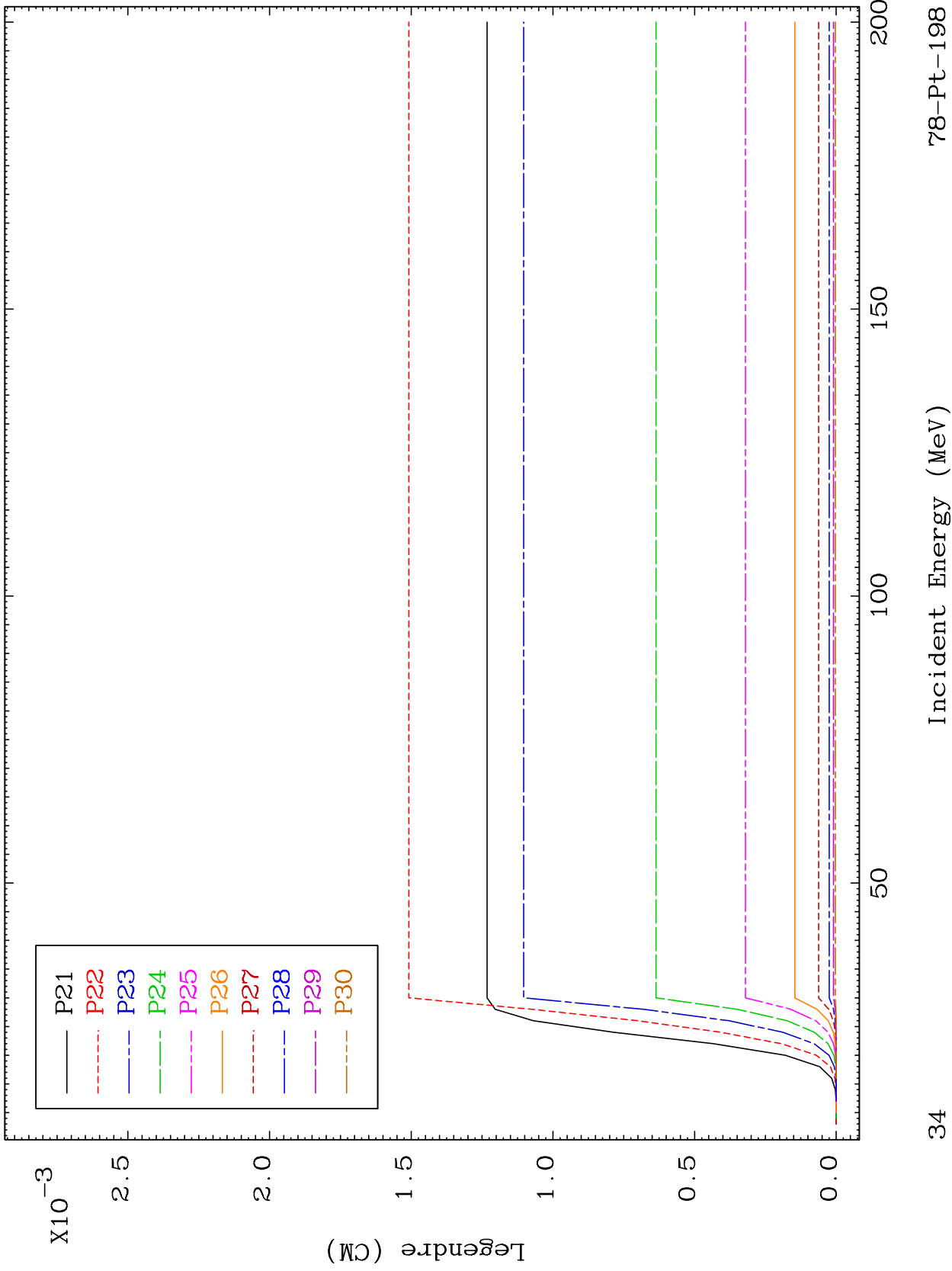
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MAT 7849

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

78-Pt-198

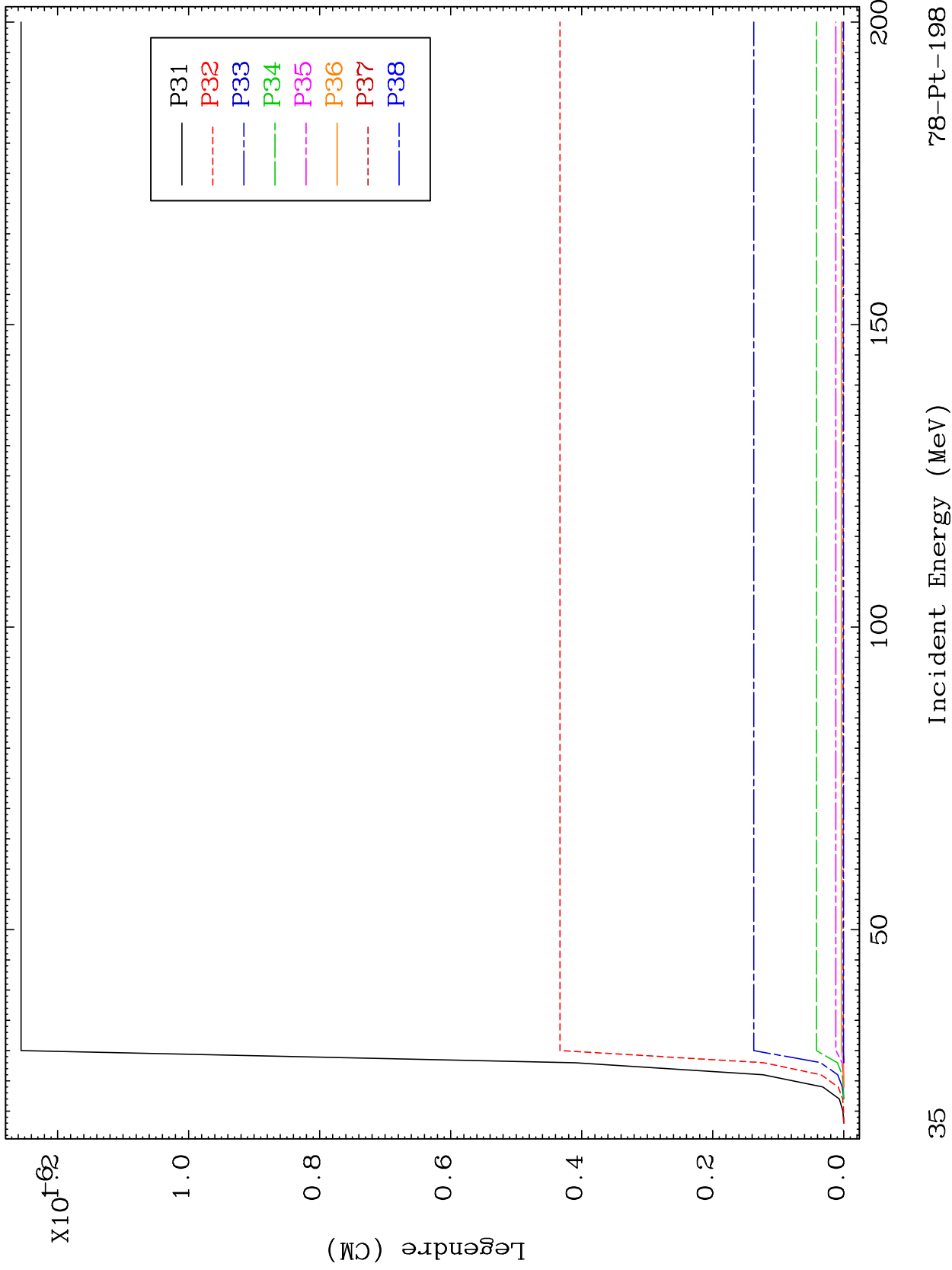




MAT 7849

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

78-Pt-198



35

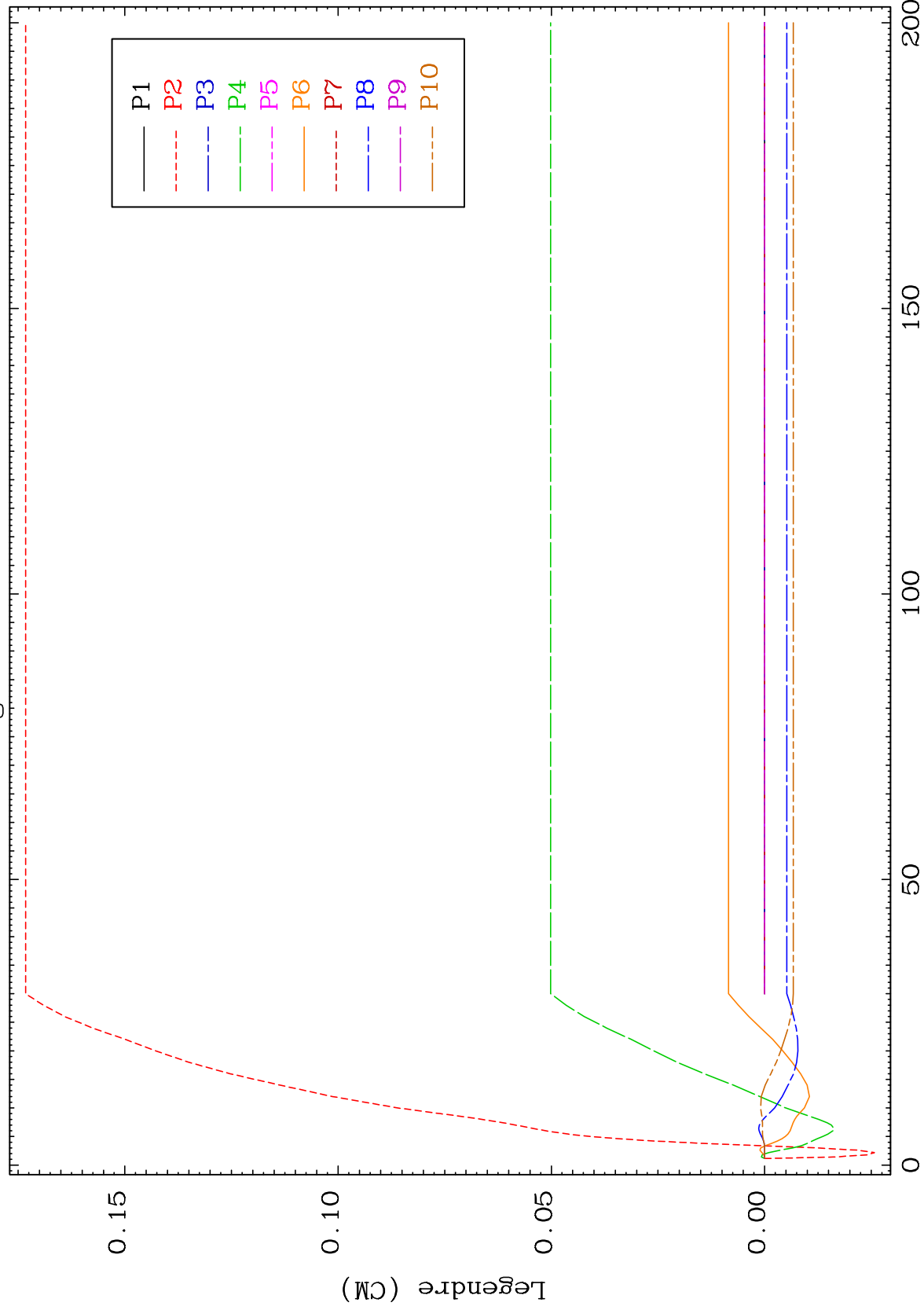
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



36

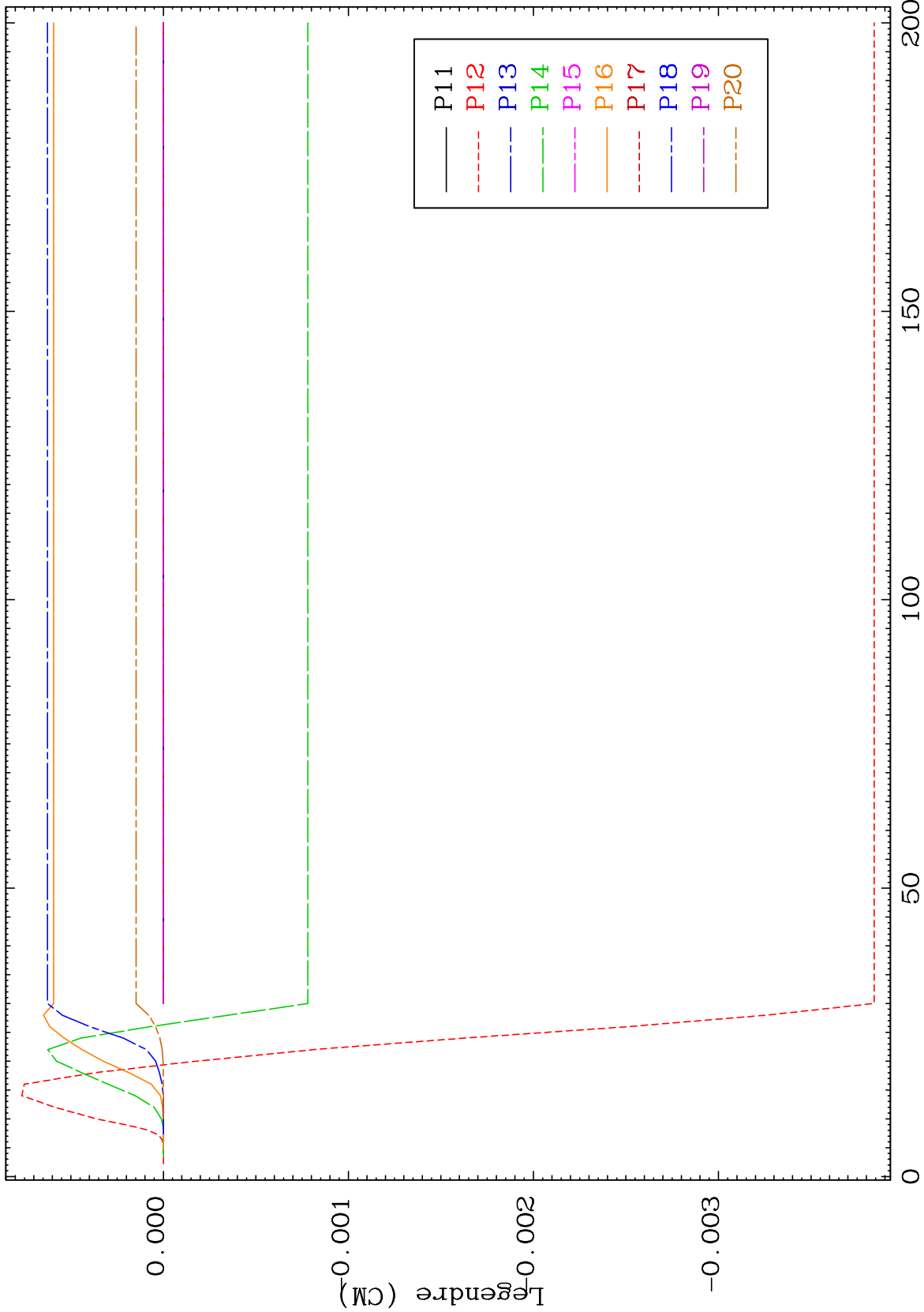
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



37

Incident Energy (MeV)

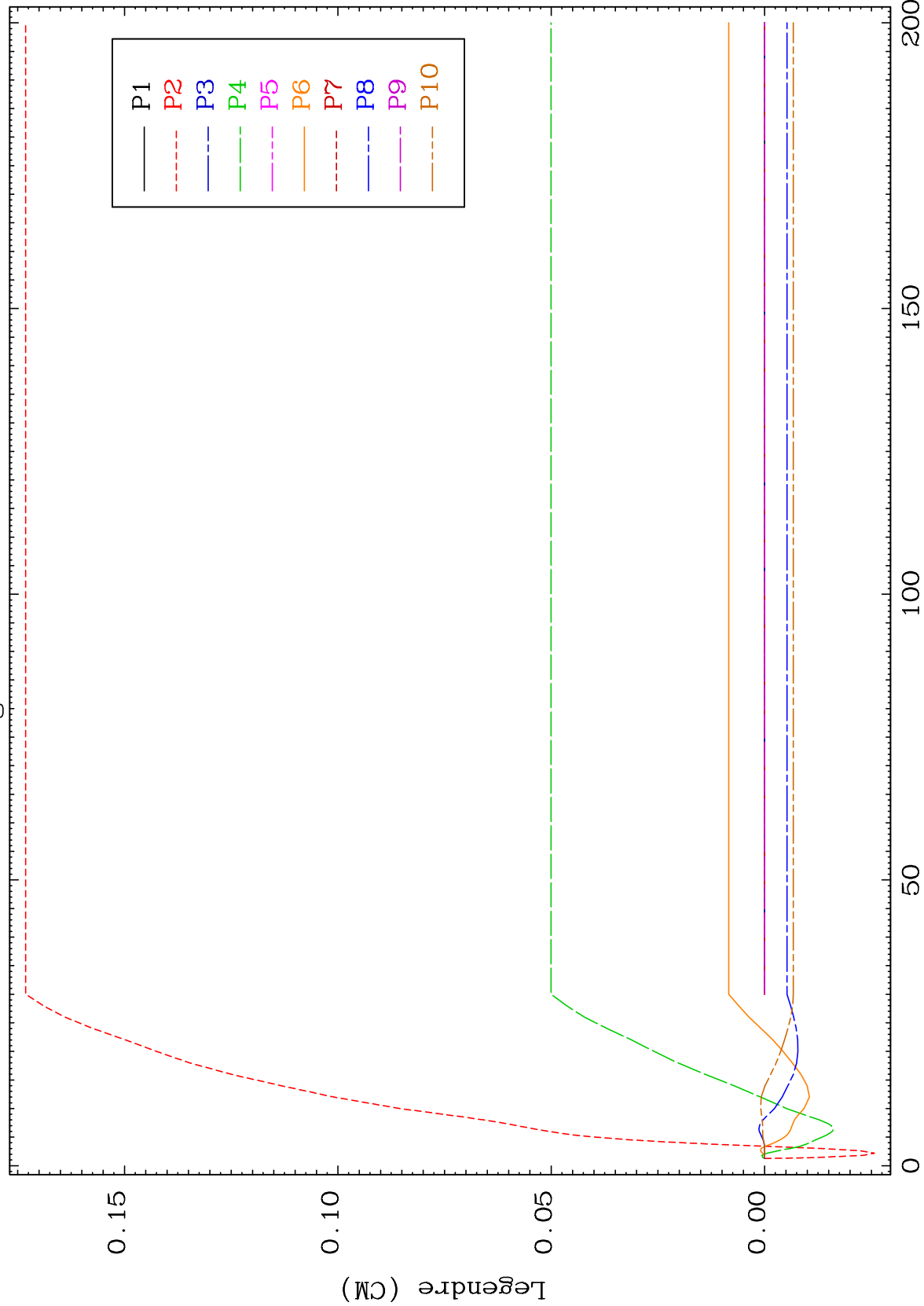
78-Pt-198



MAT 7849

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

78-Pt-198



39

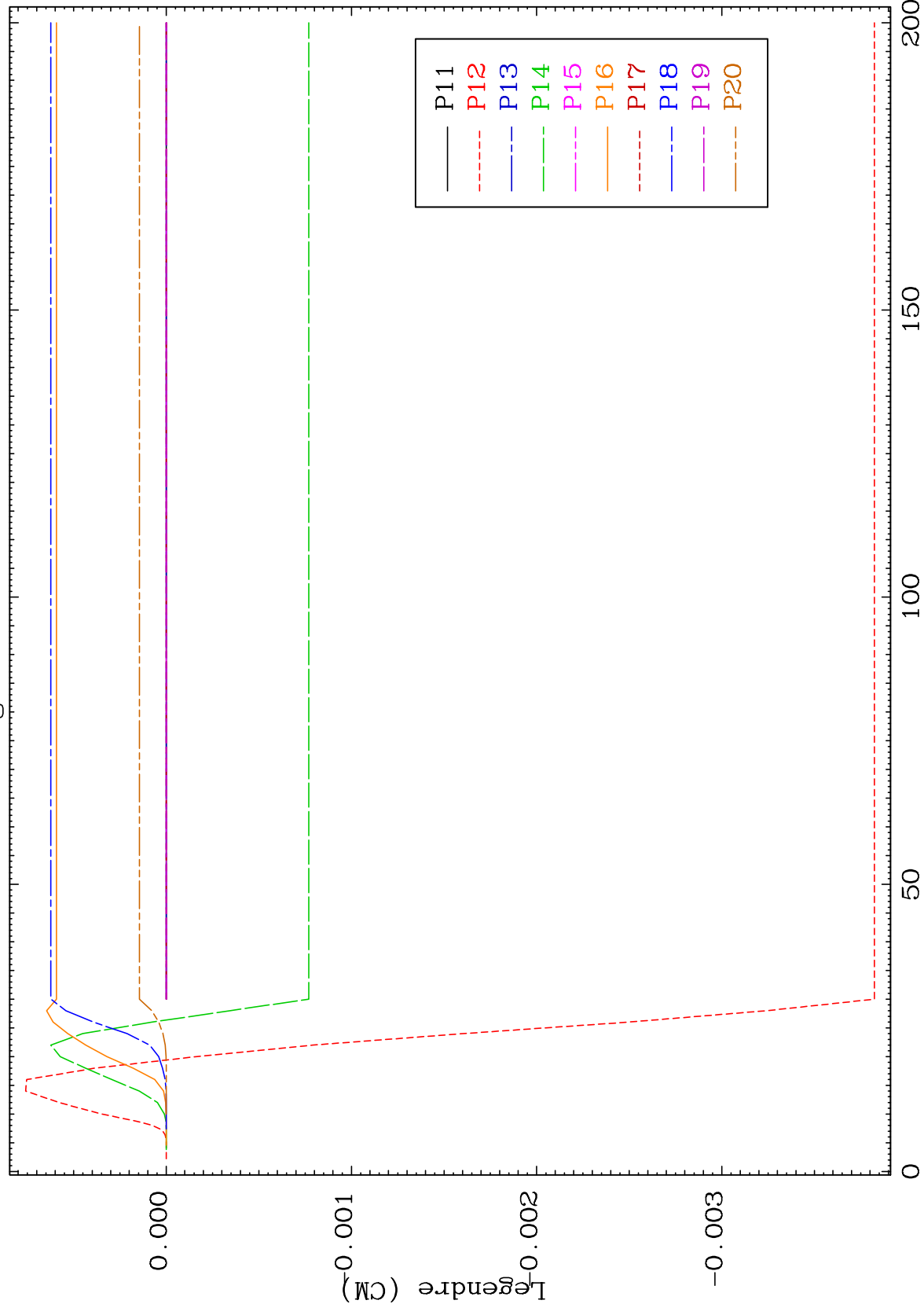
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

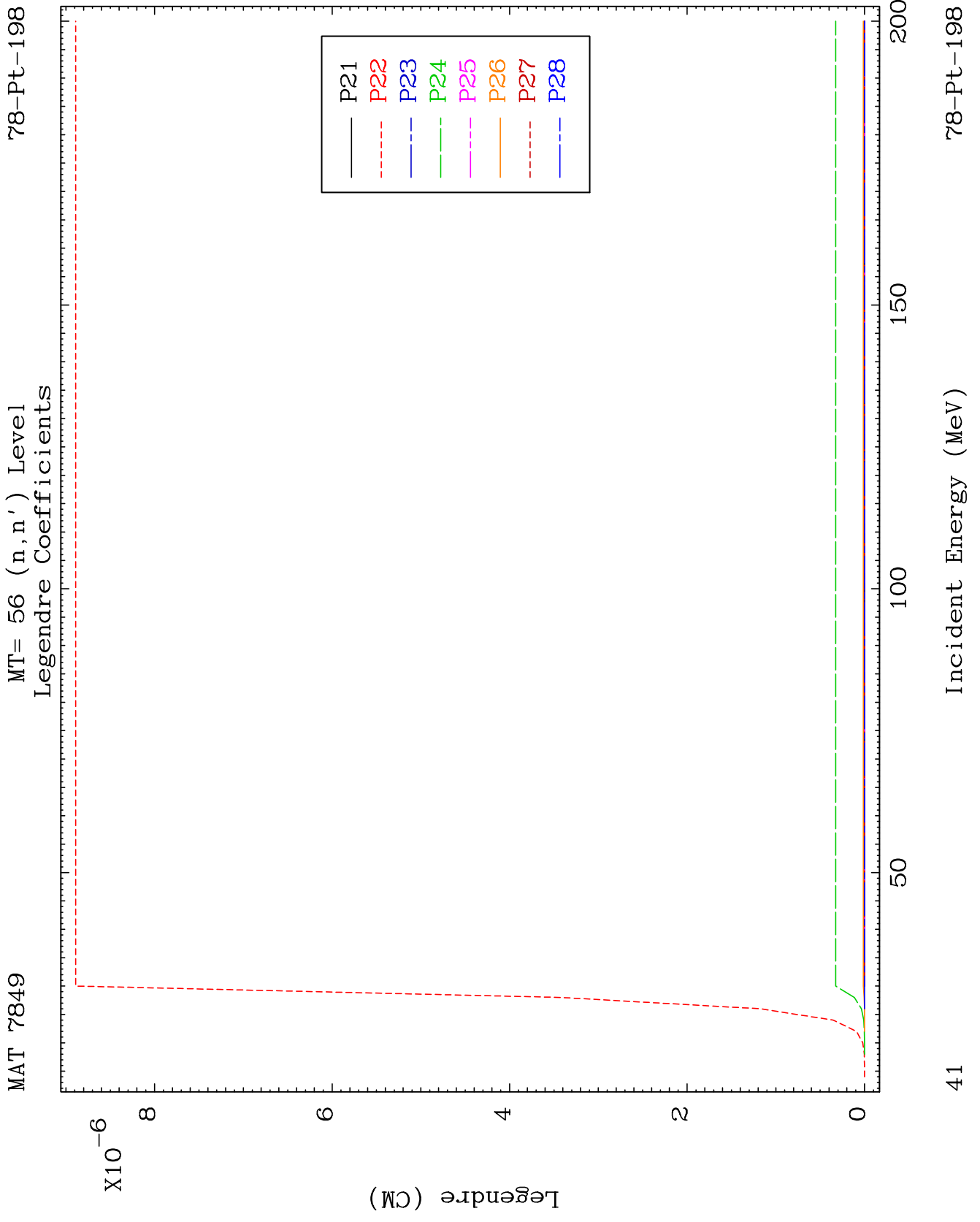
78-Pt-198



78-Pt-198

Incident Energy (MeV)

40

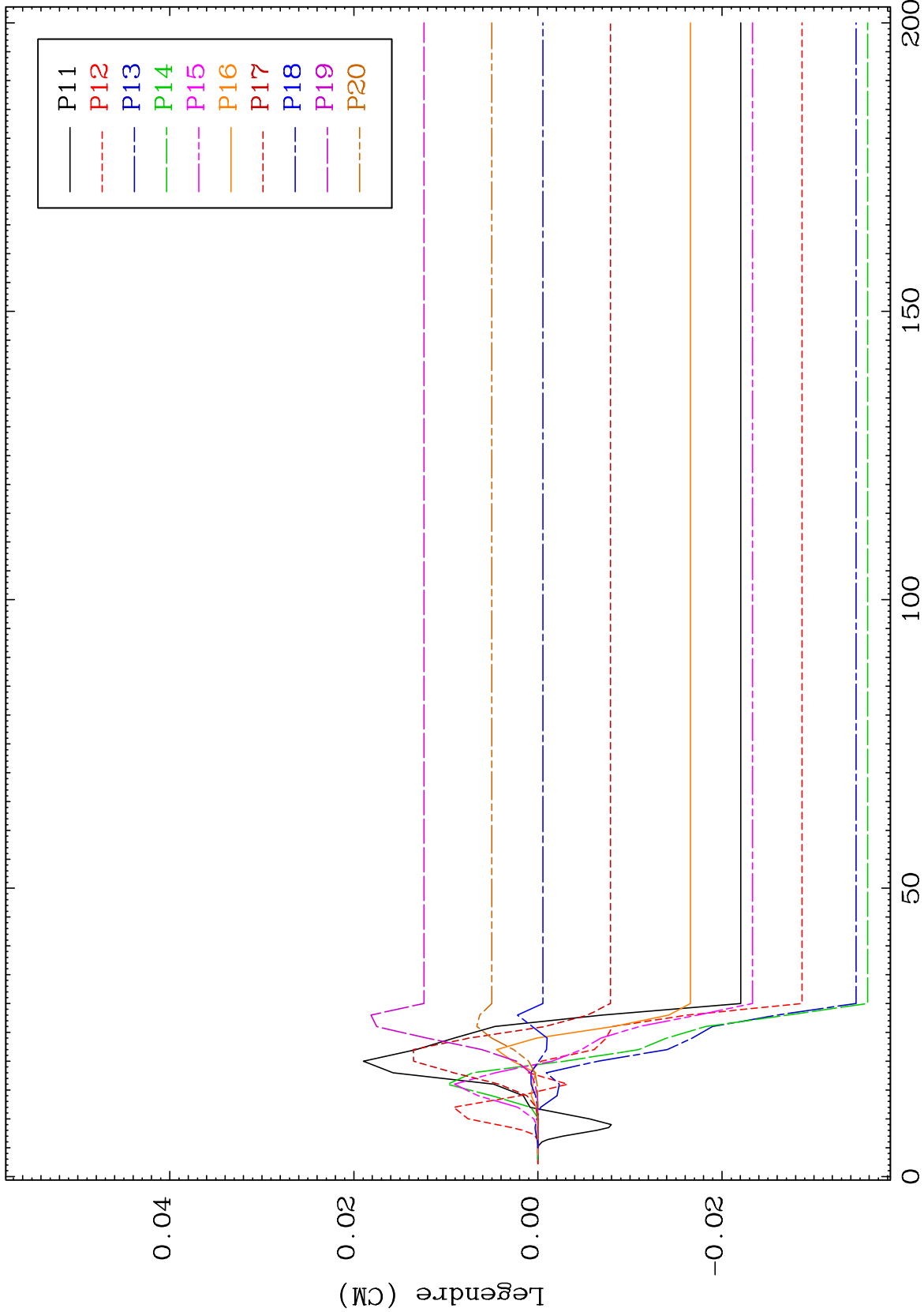




MAT 7849

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

78-Pt-198



43

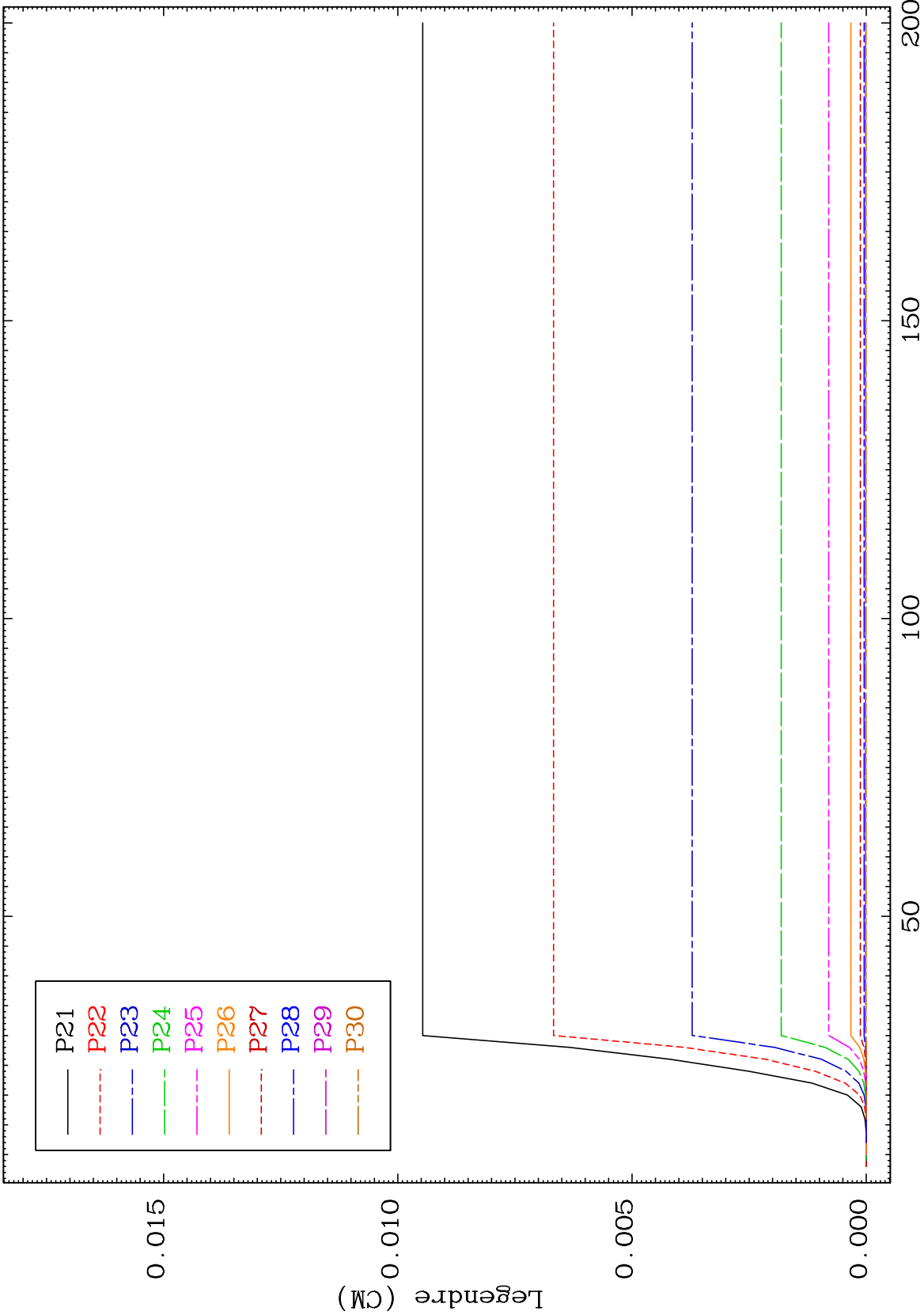
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



44

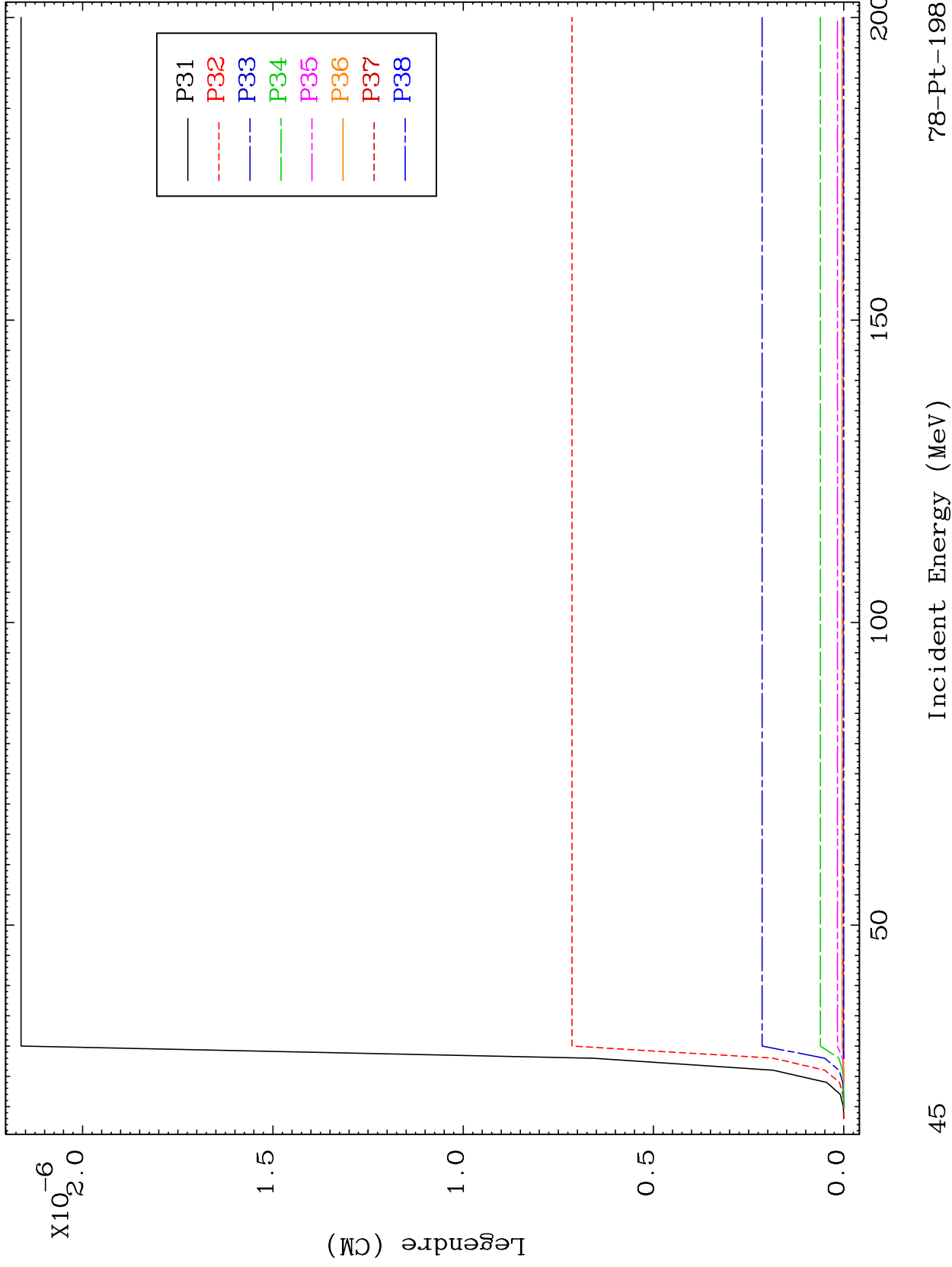
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198

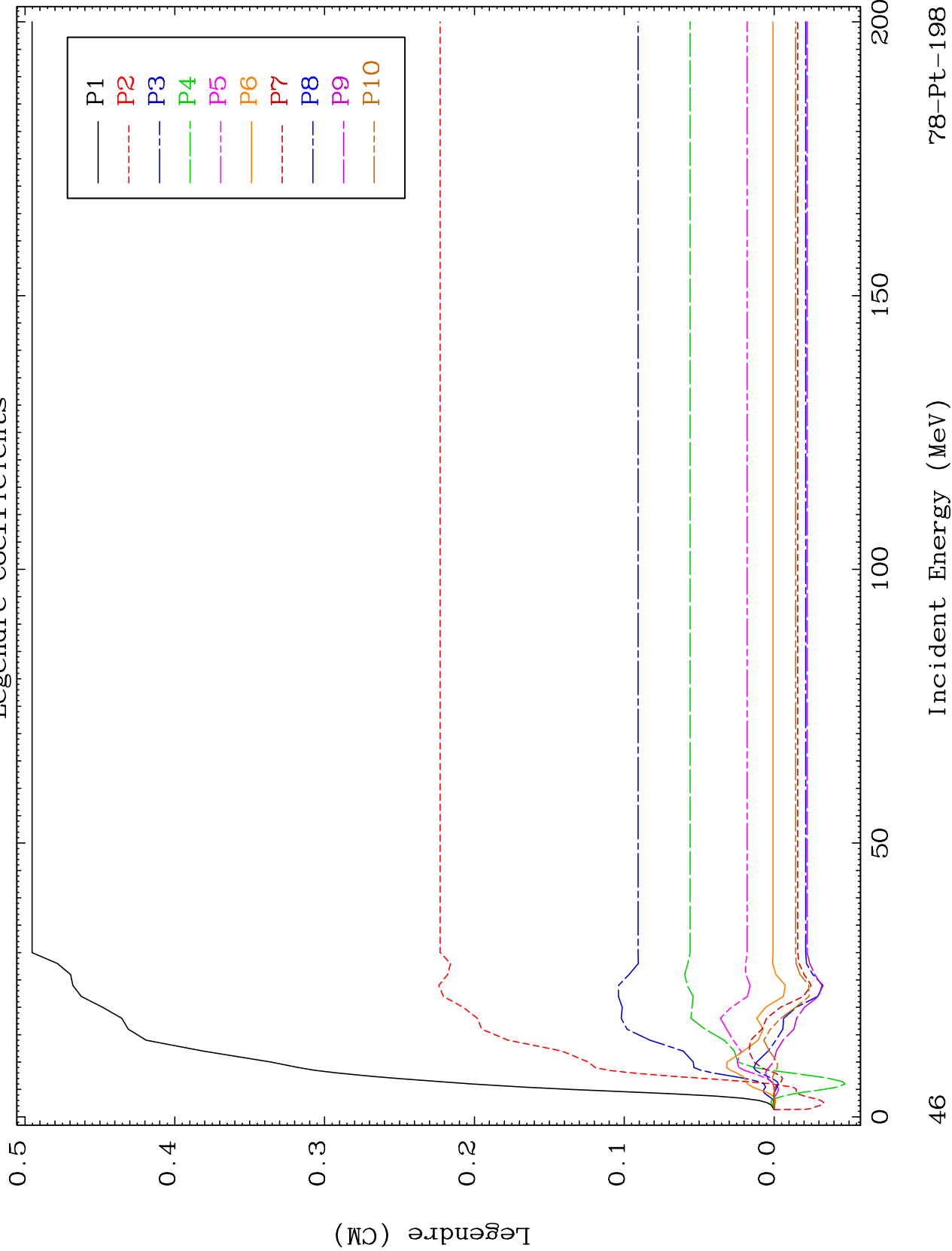


78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

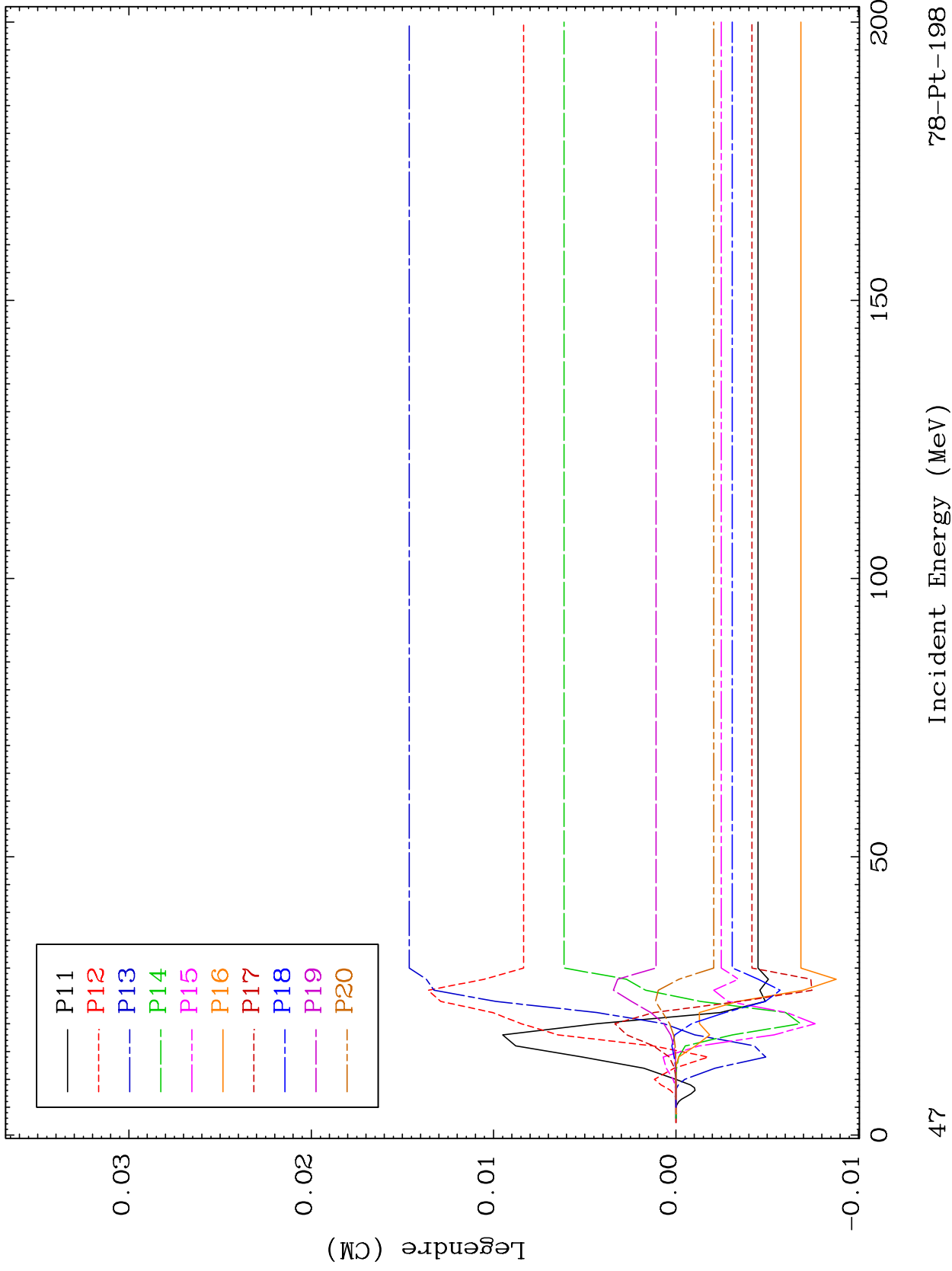
Incident Energy (MeV)

46

MAT 7849

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

78-Pt-198



47

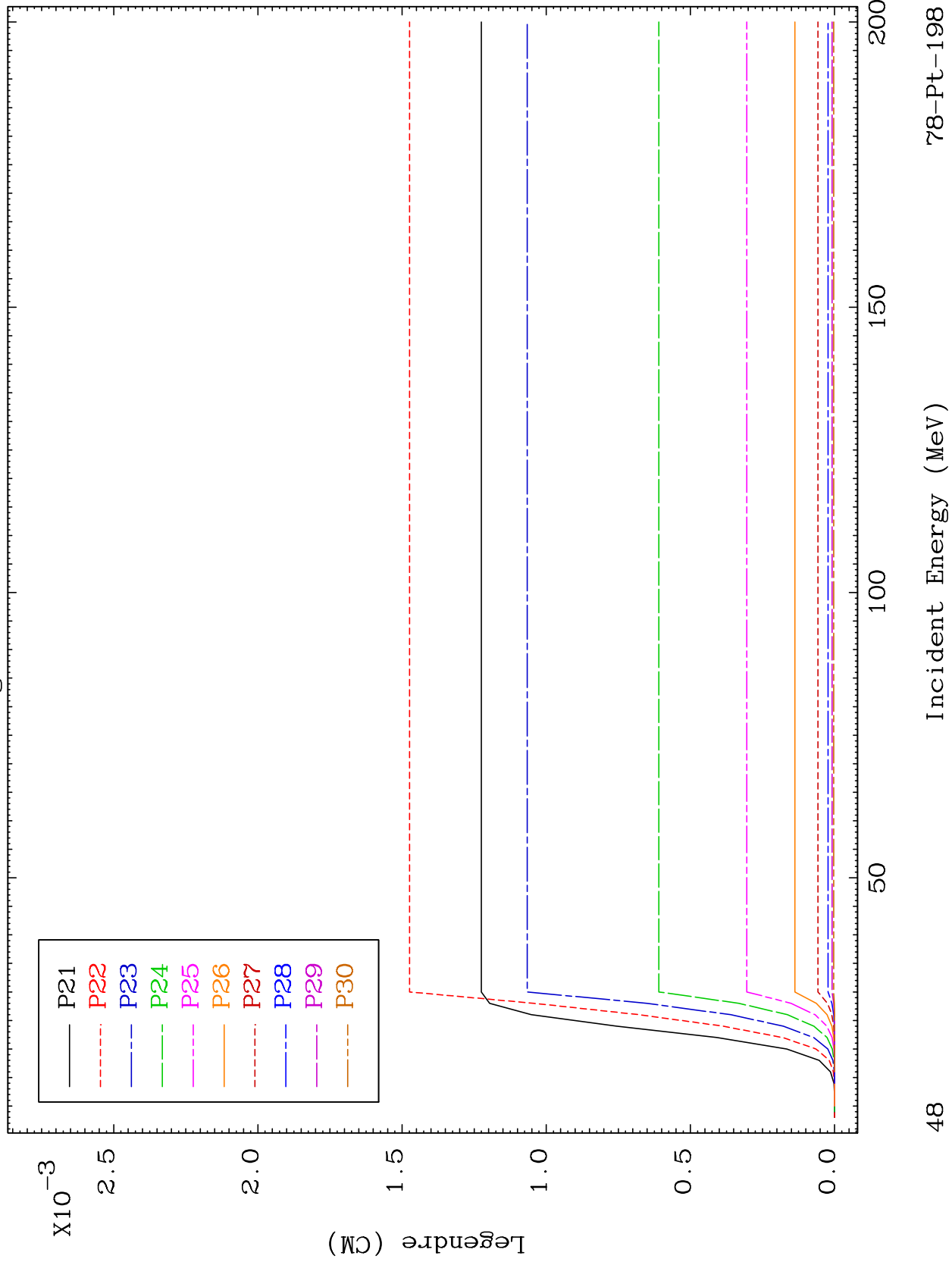
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



48

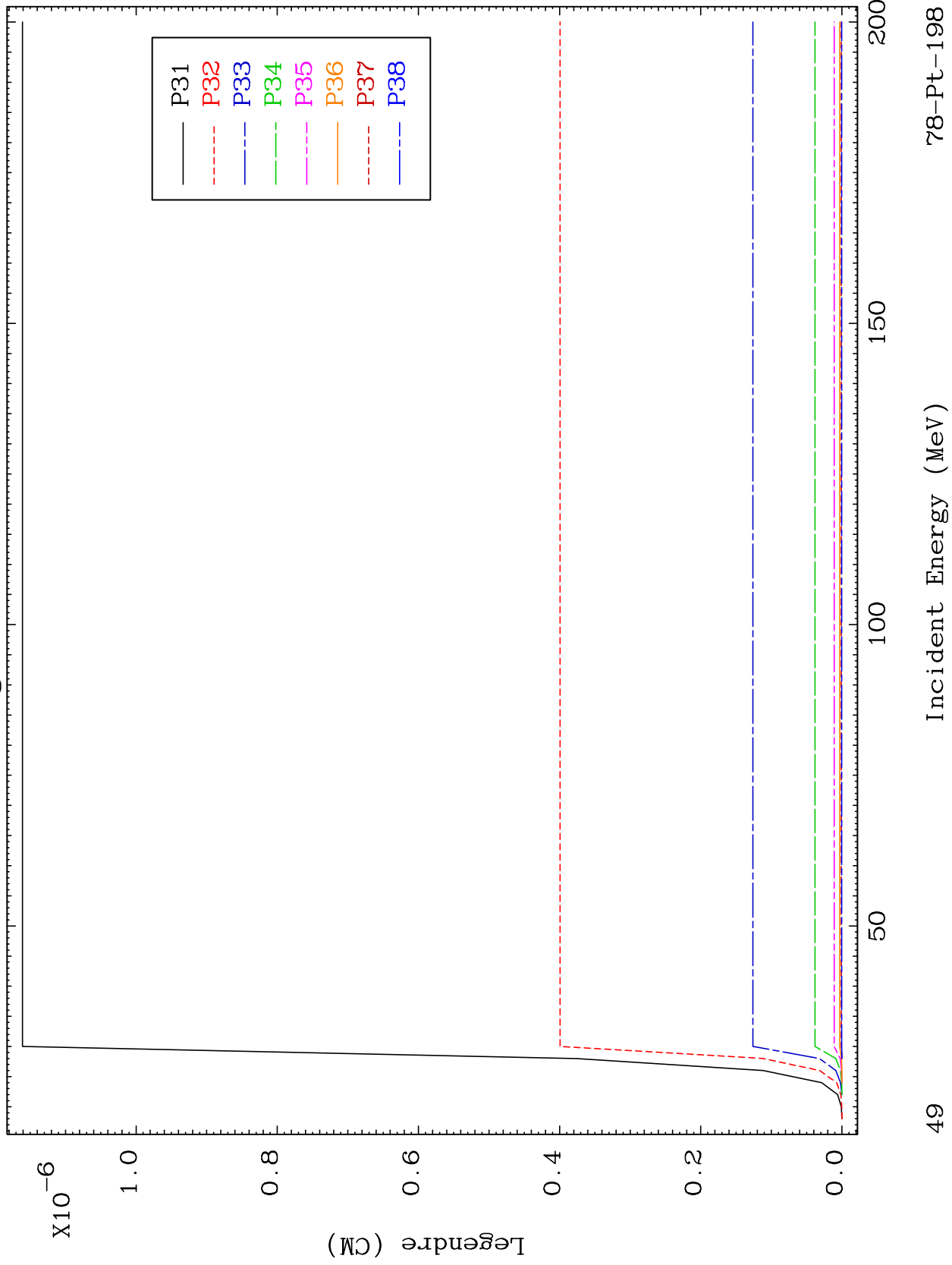
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

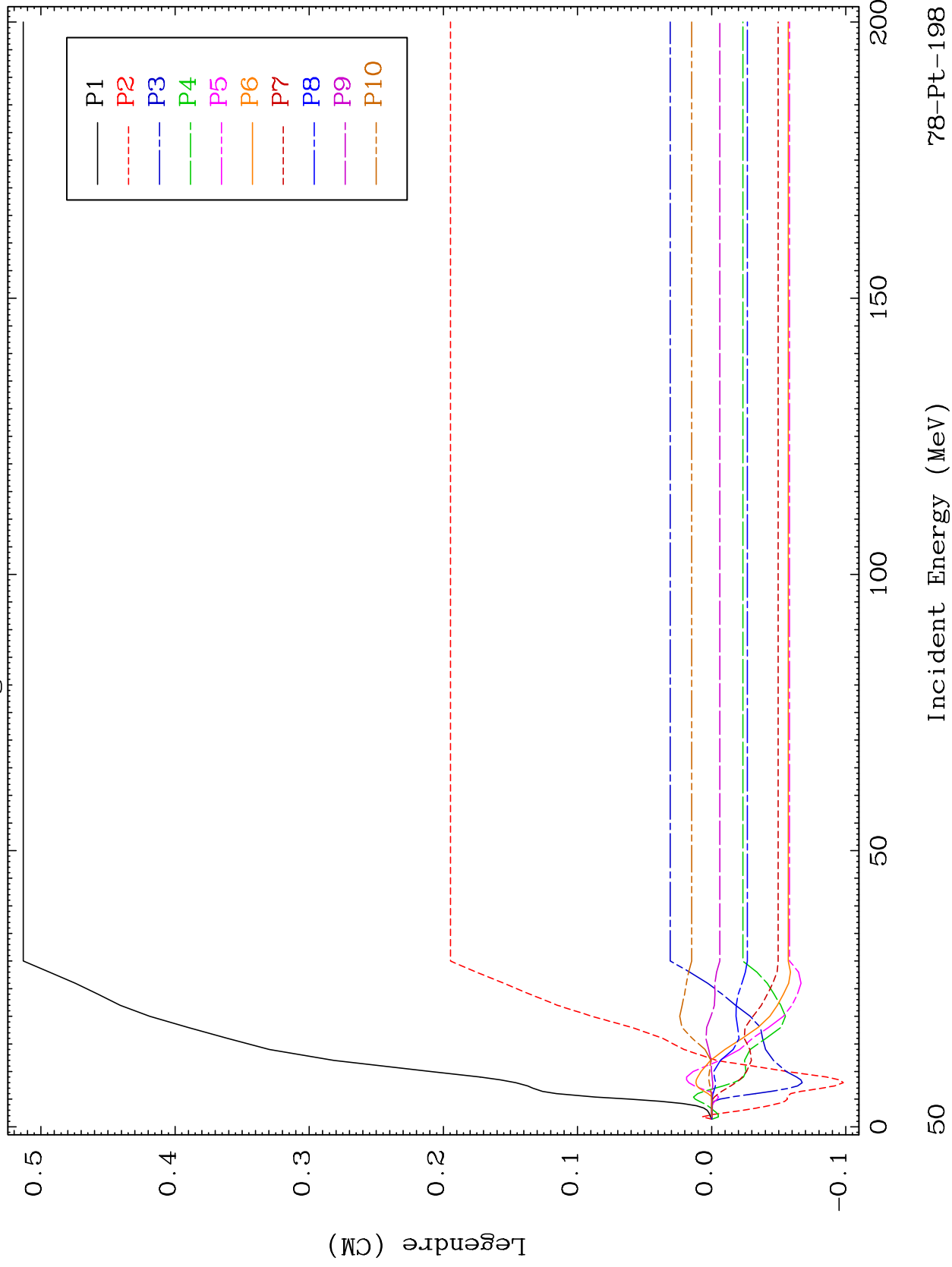
78-Pt-198



MAT 7849

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

78-Pt-198



78-Pt-198

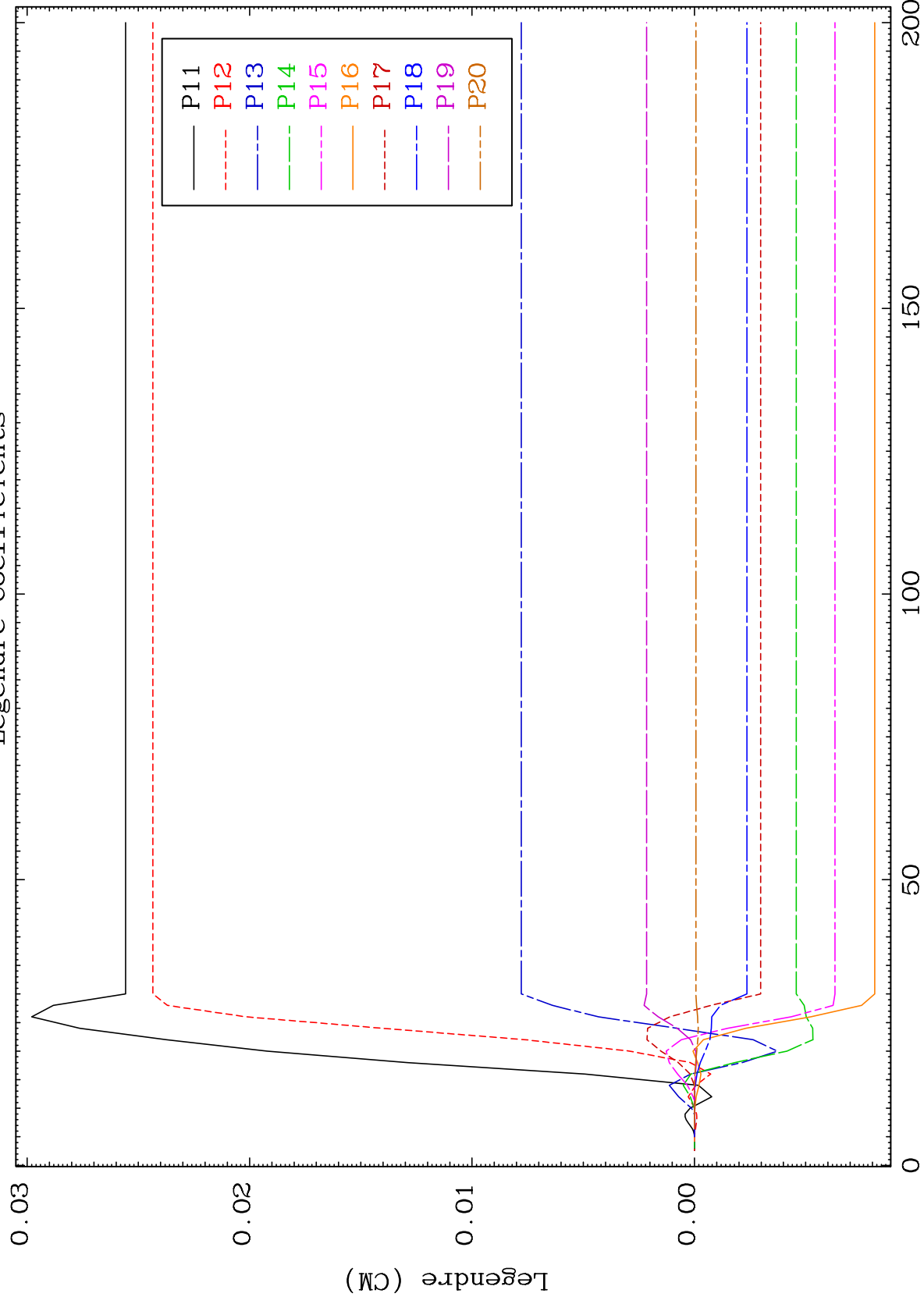
Incident Energy (MeV)

50

MAT 7849

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

78-Pt-198



51

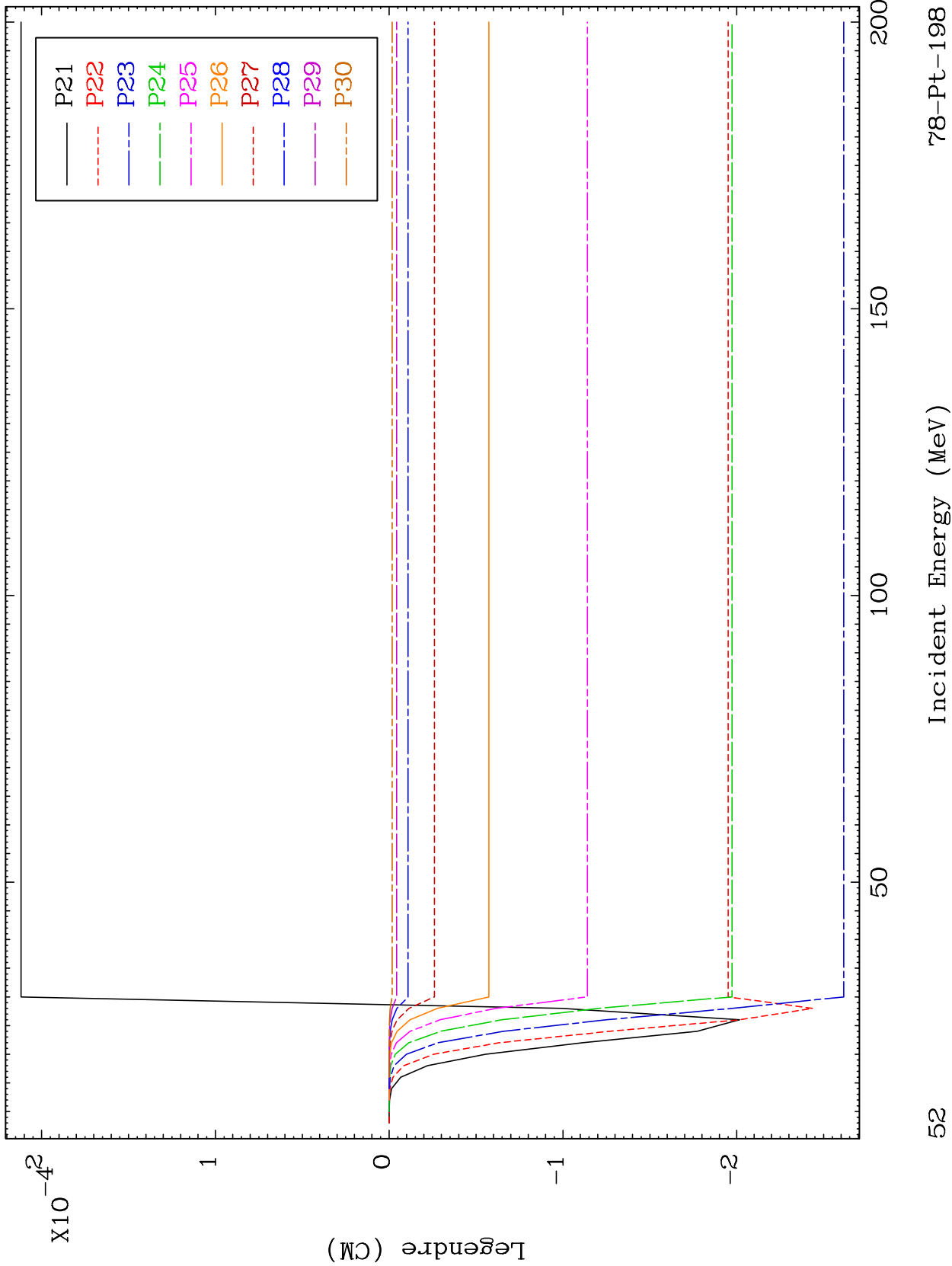
Incident Energy (MeV)

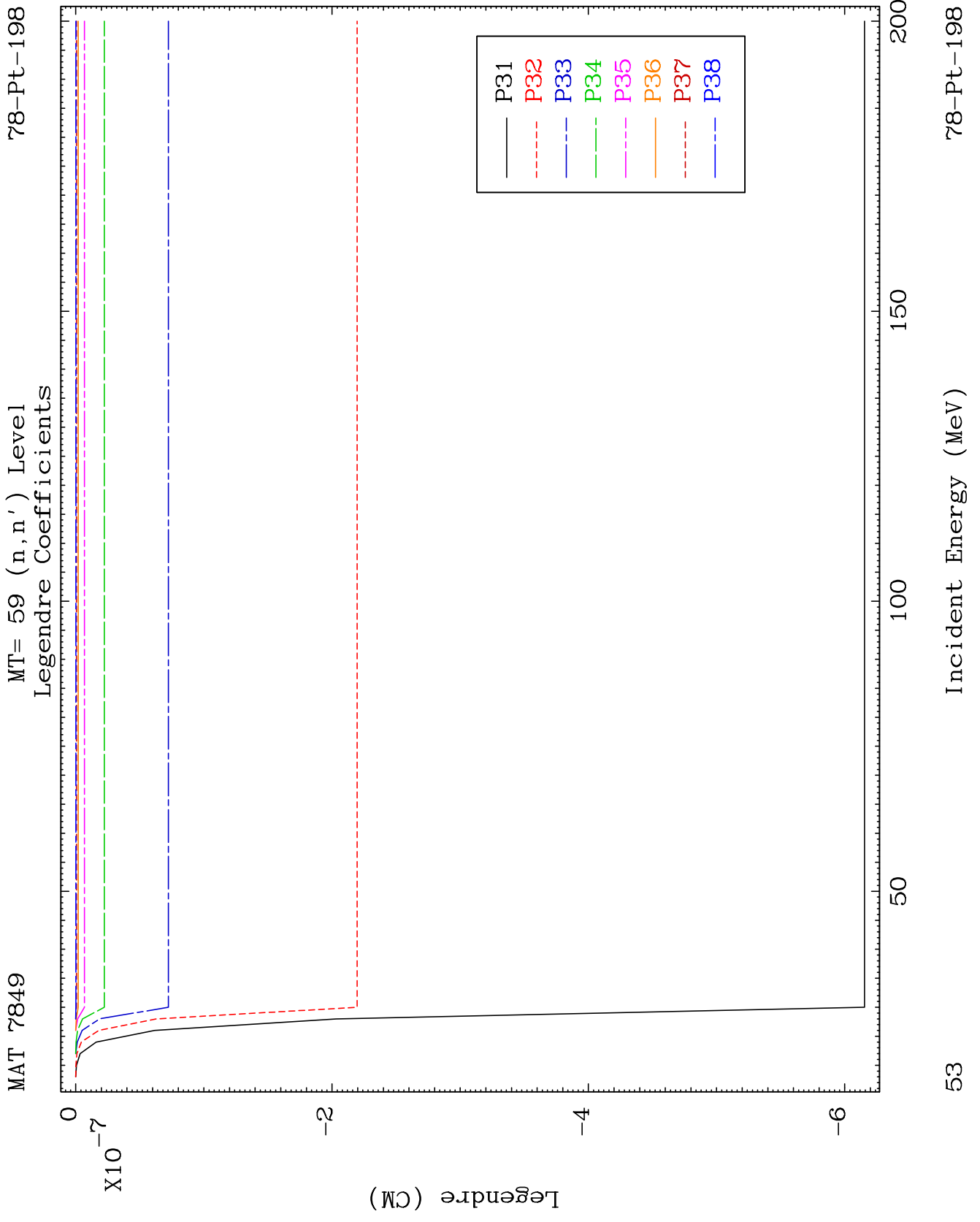
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MAT 7849

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

78-Pt-198

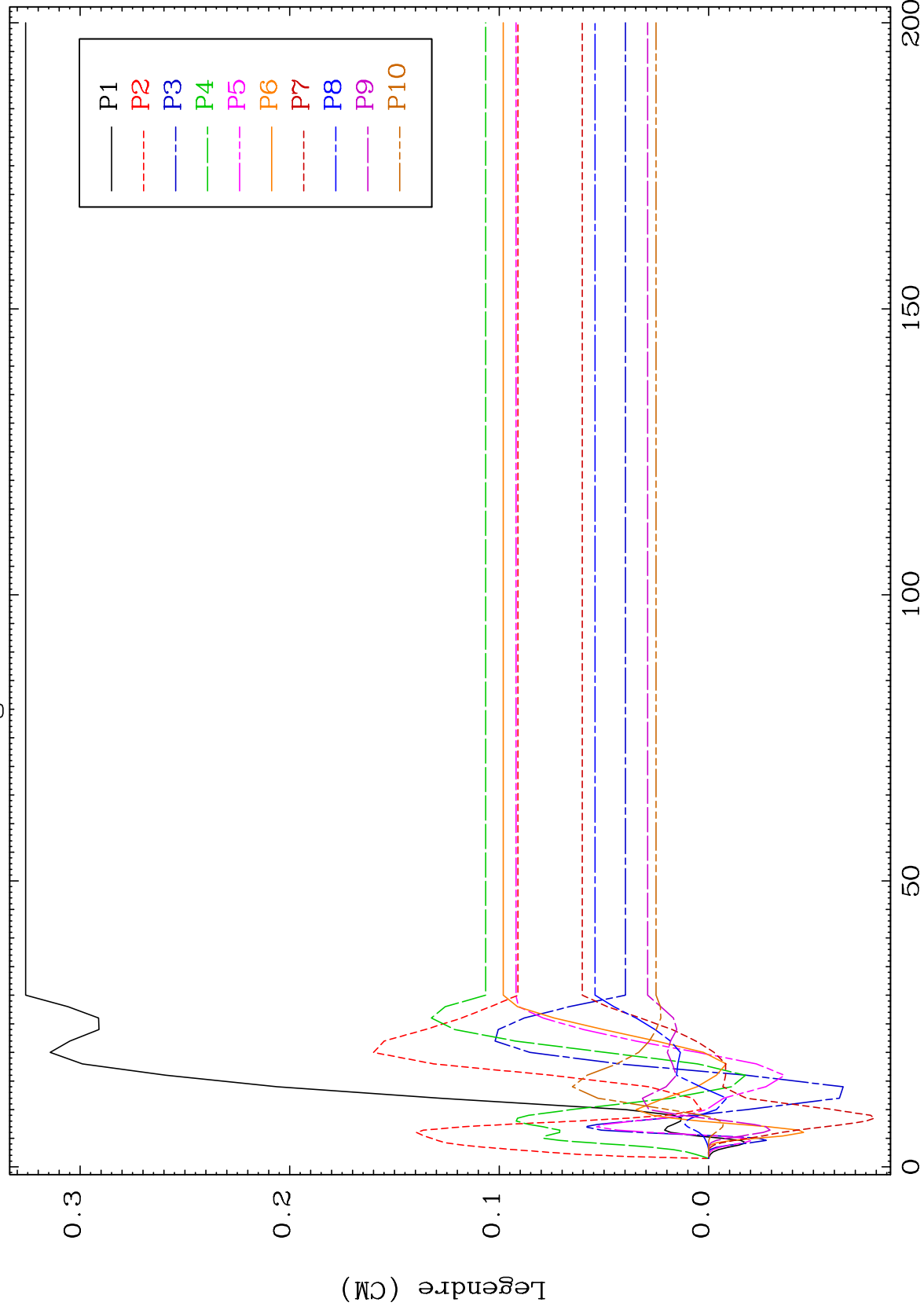




MAT 7849

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

78-Pt-198



78-Pt-198

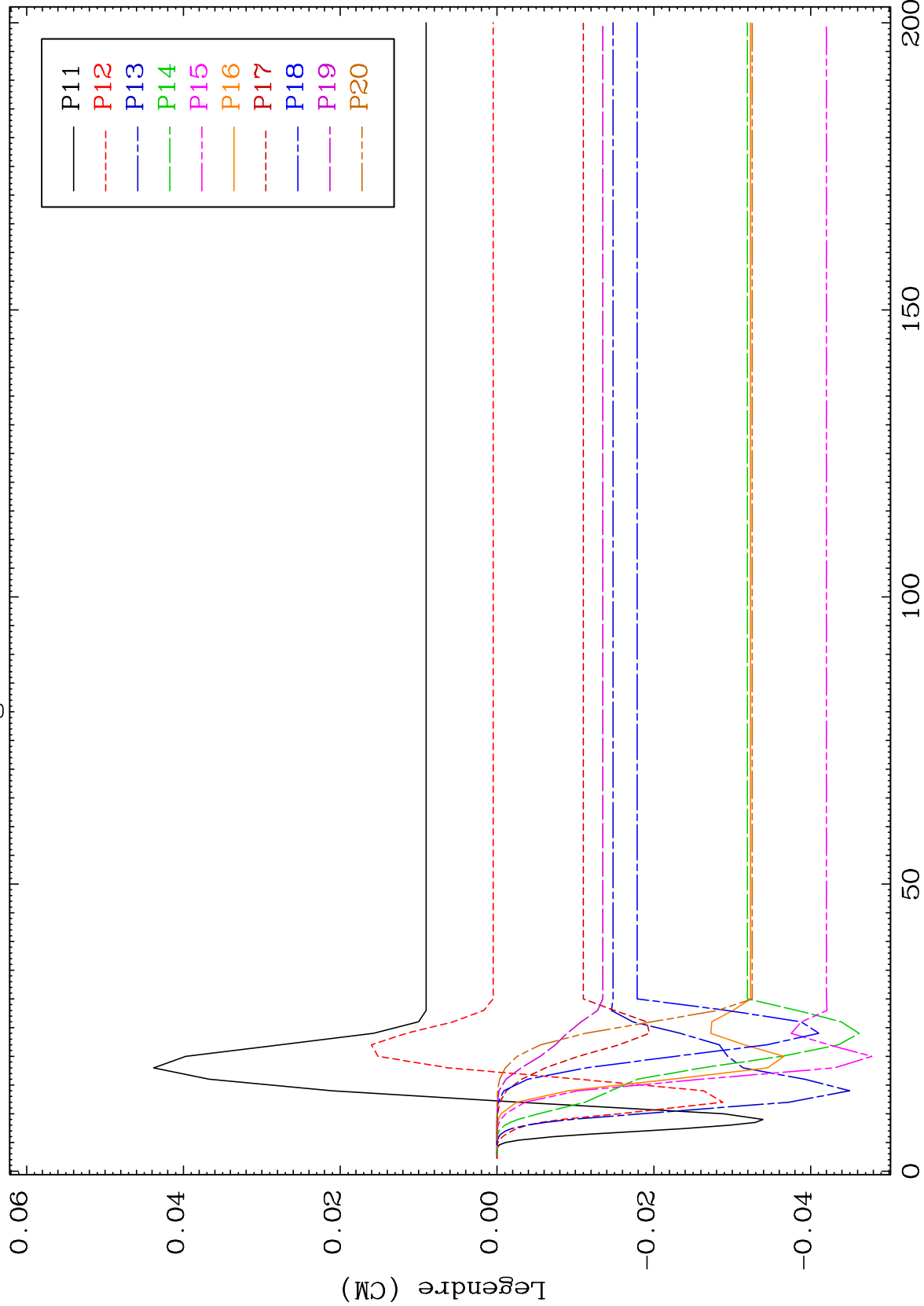
Incident Energy (MeV)

54

MAT 7849

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

78-Pt-198



78-Pt-198

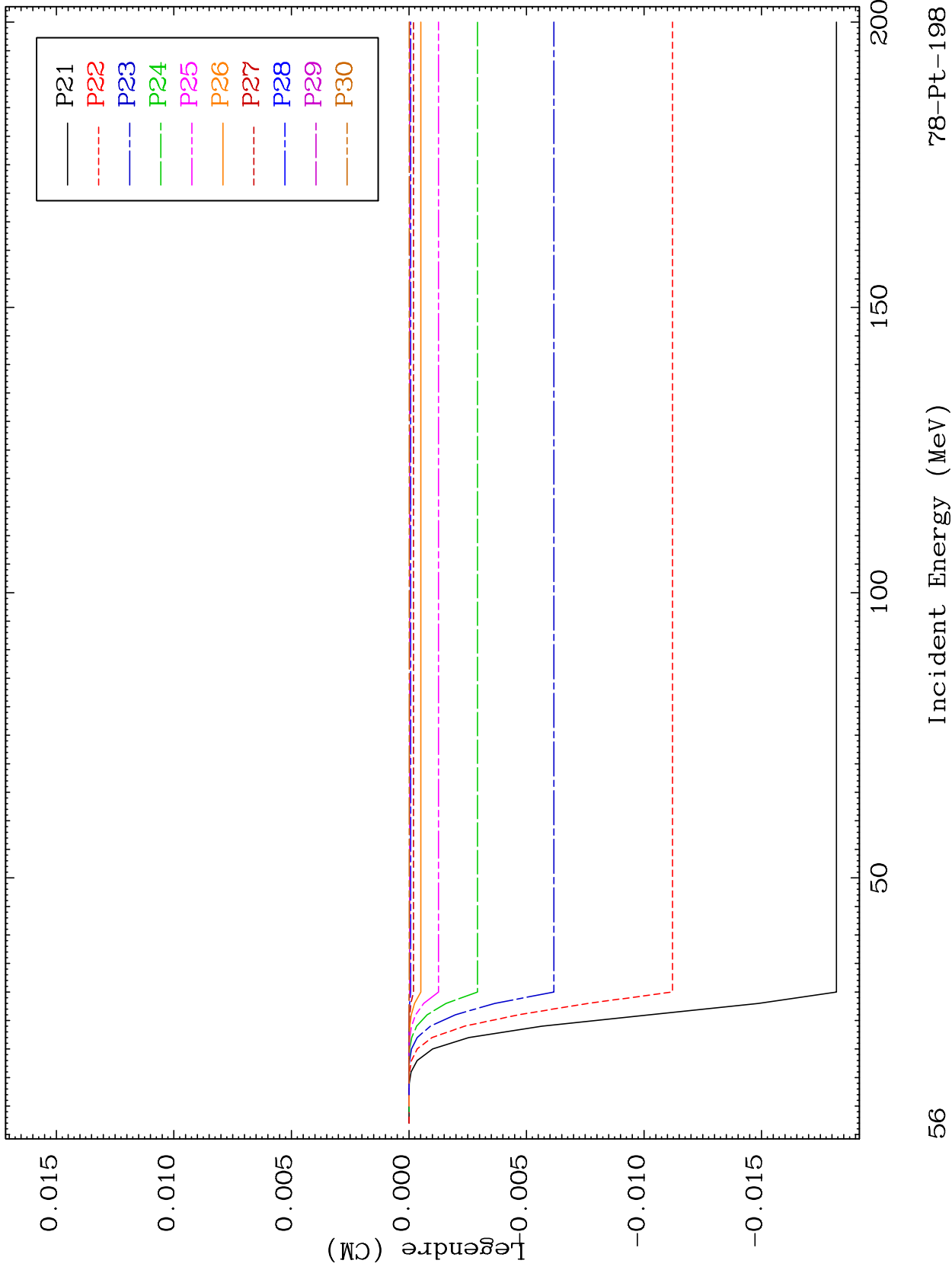
Incident Energy (MeV)

55

MAT 7849

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

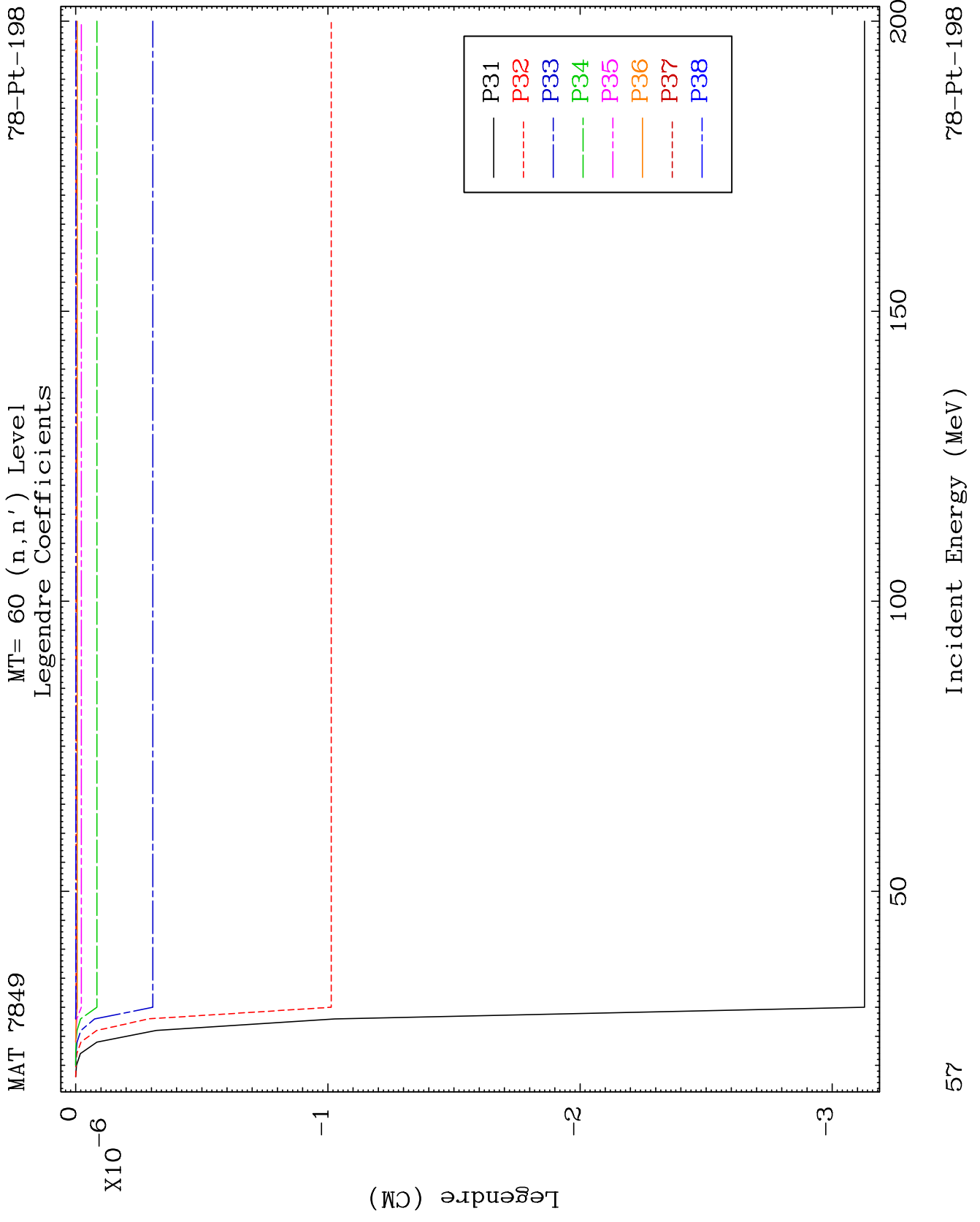
78-Pt-198



56

Incident Energy (MeV)

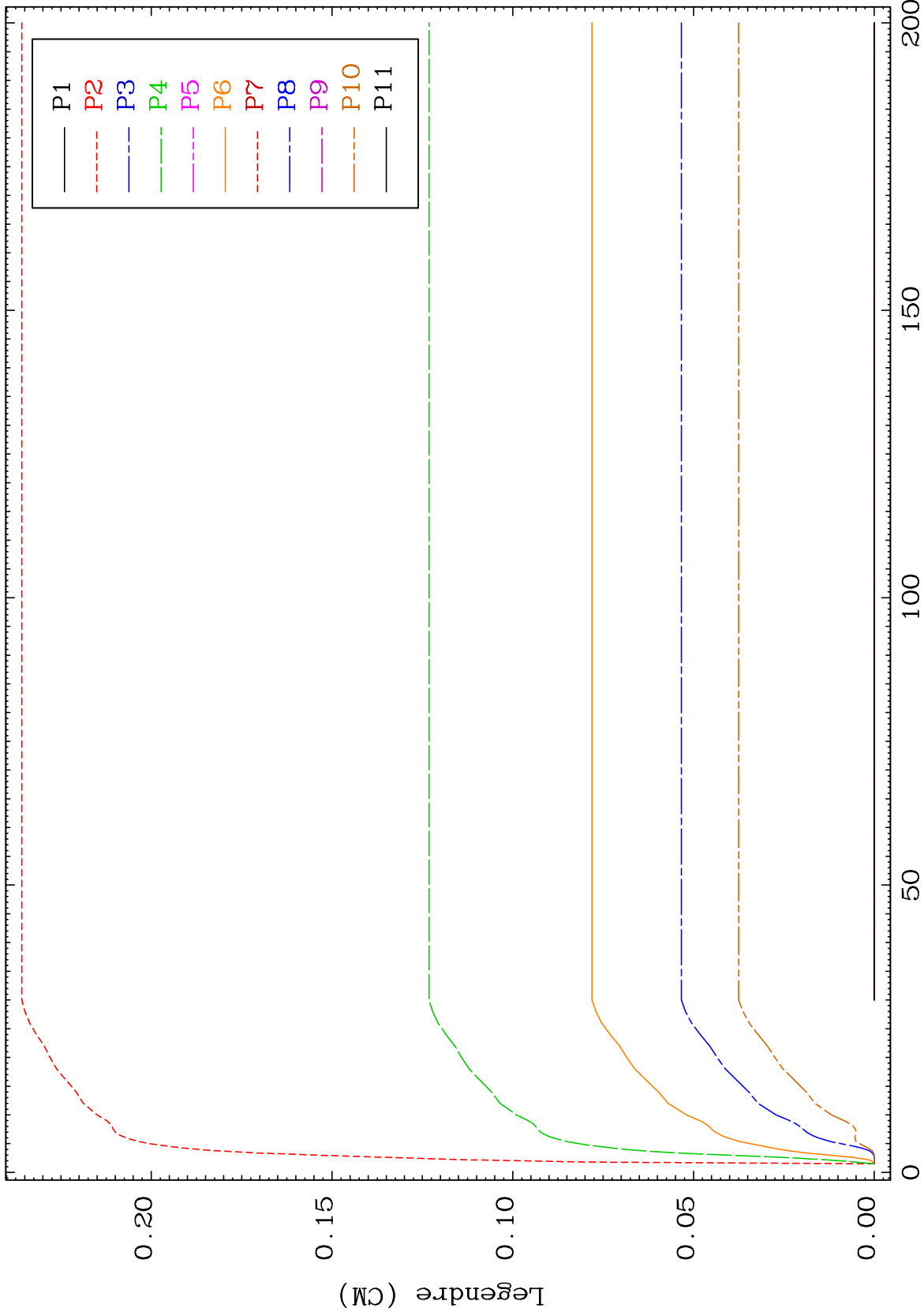
78-Pt-198



MAT 7849

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

78-Pt-198



58

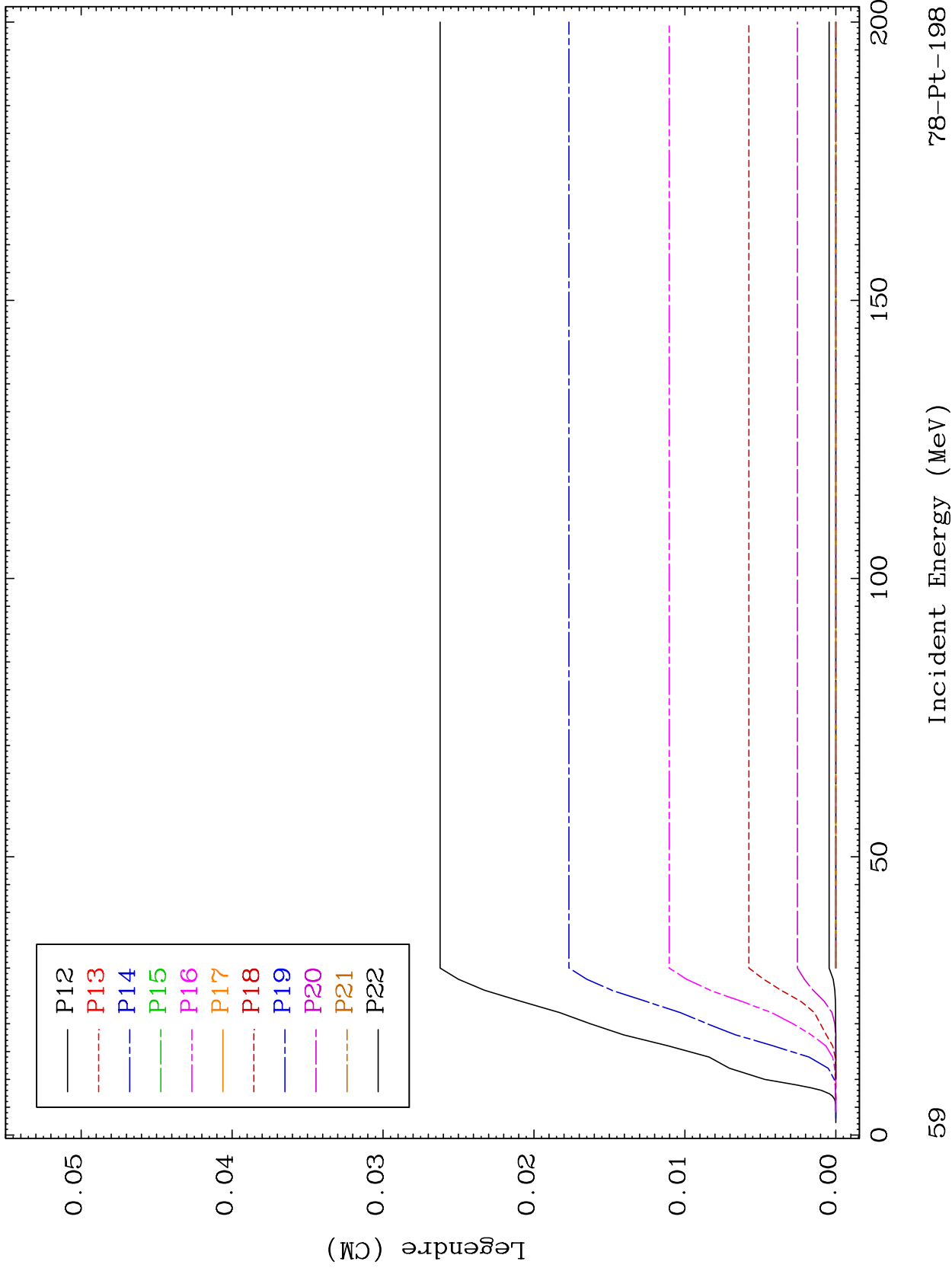
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

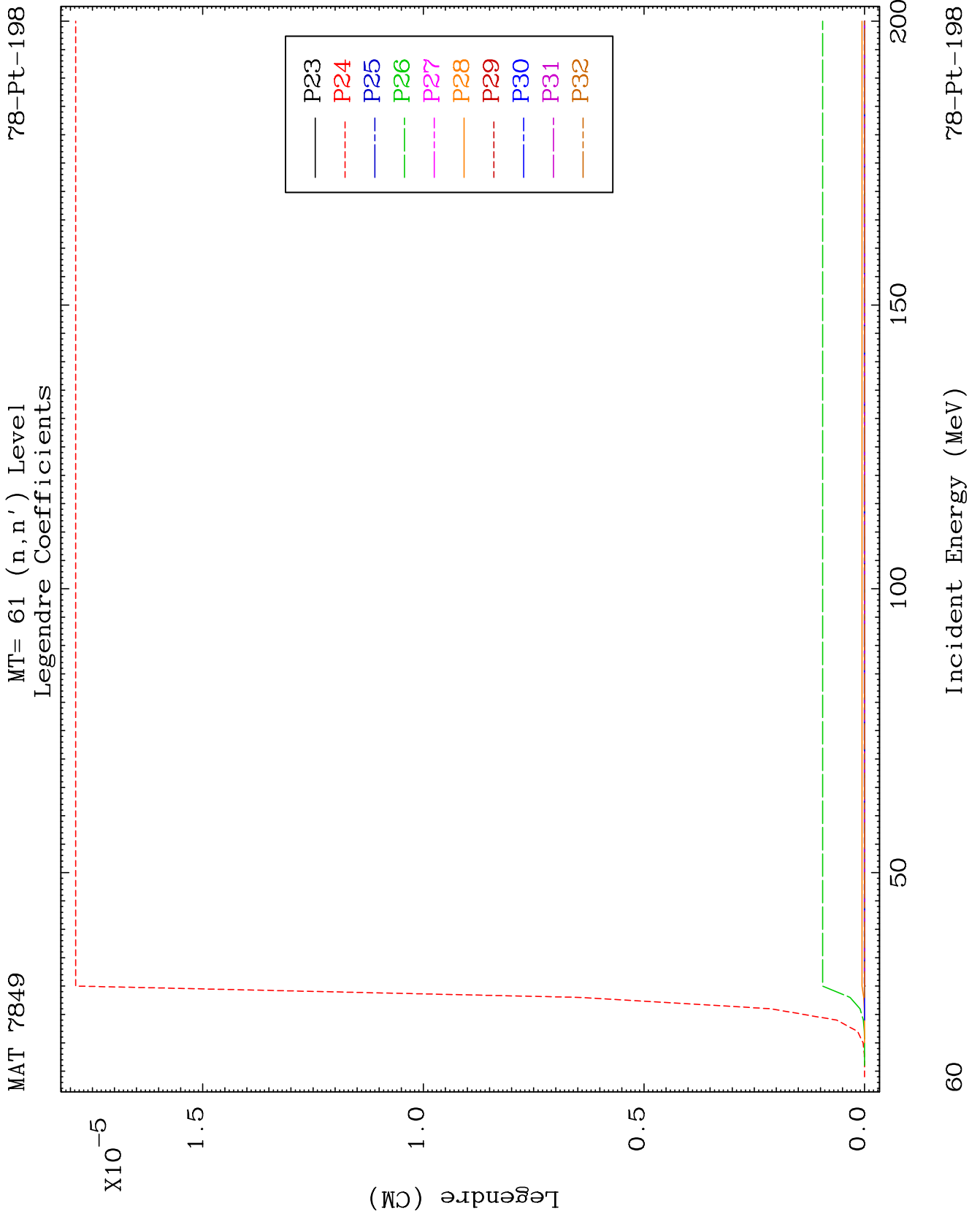
78-Pt-198



59

Incident Energy (MeV)

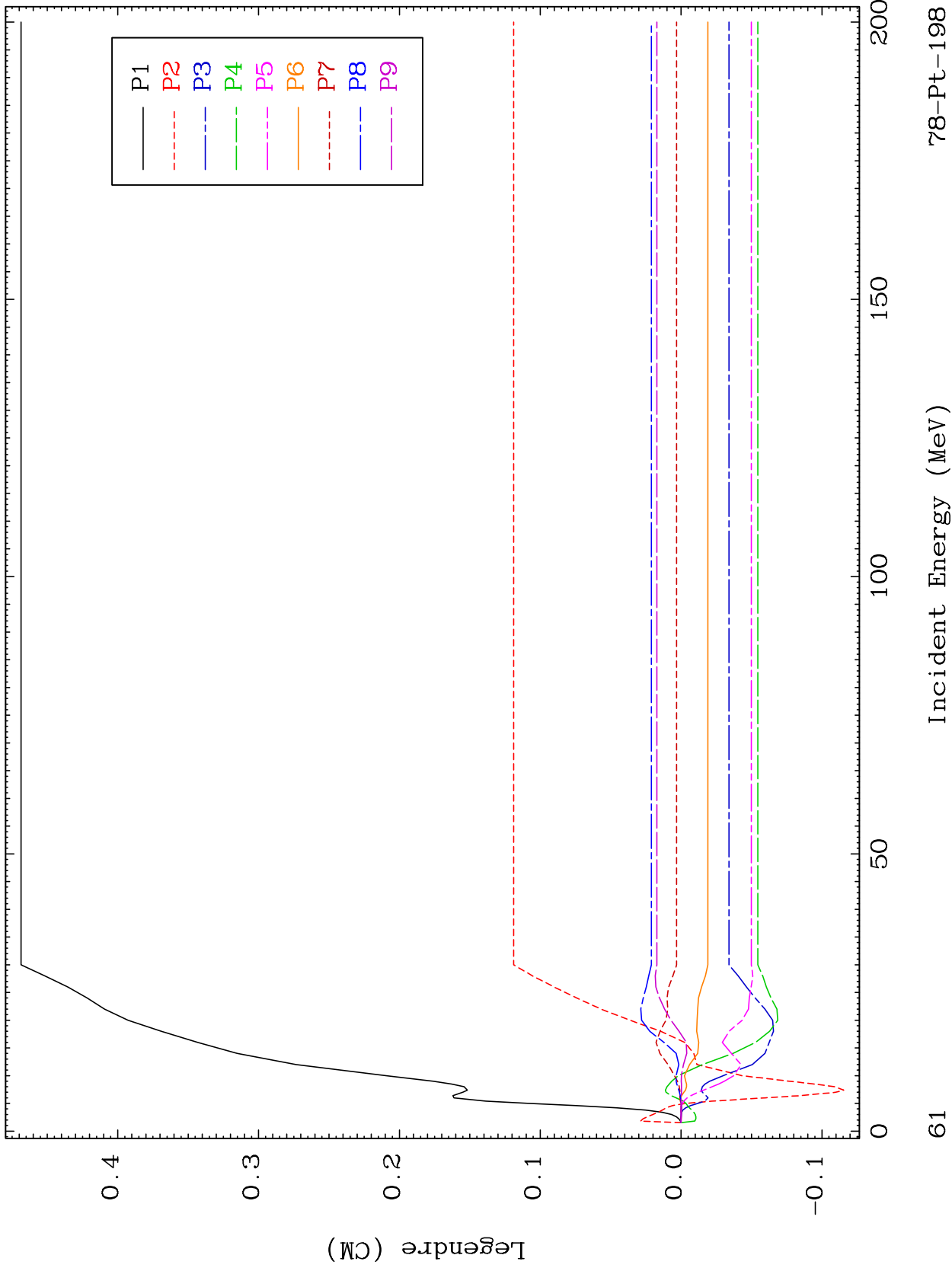
78-Pt-198



MAT 7849

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

78-Pt-198



78-Pt-198

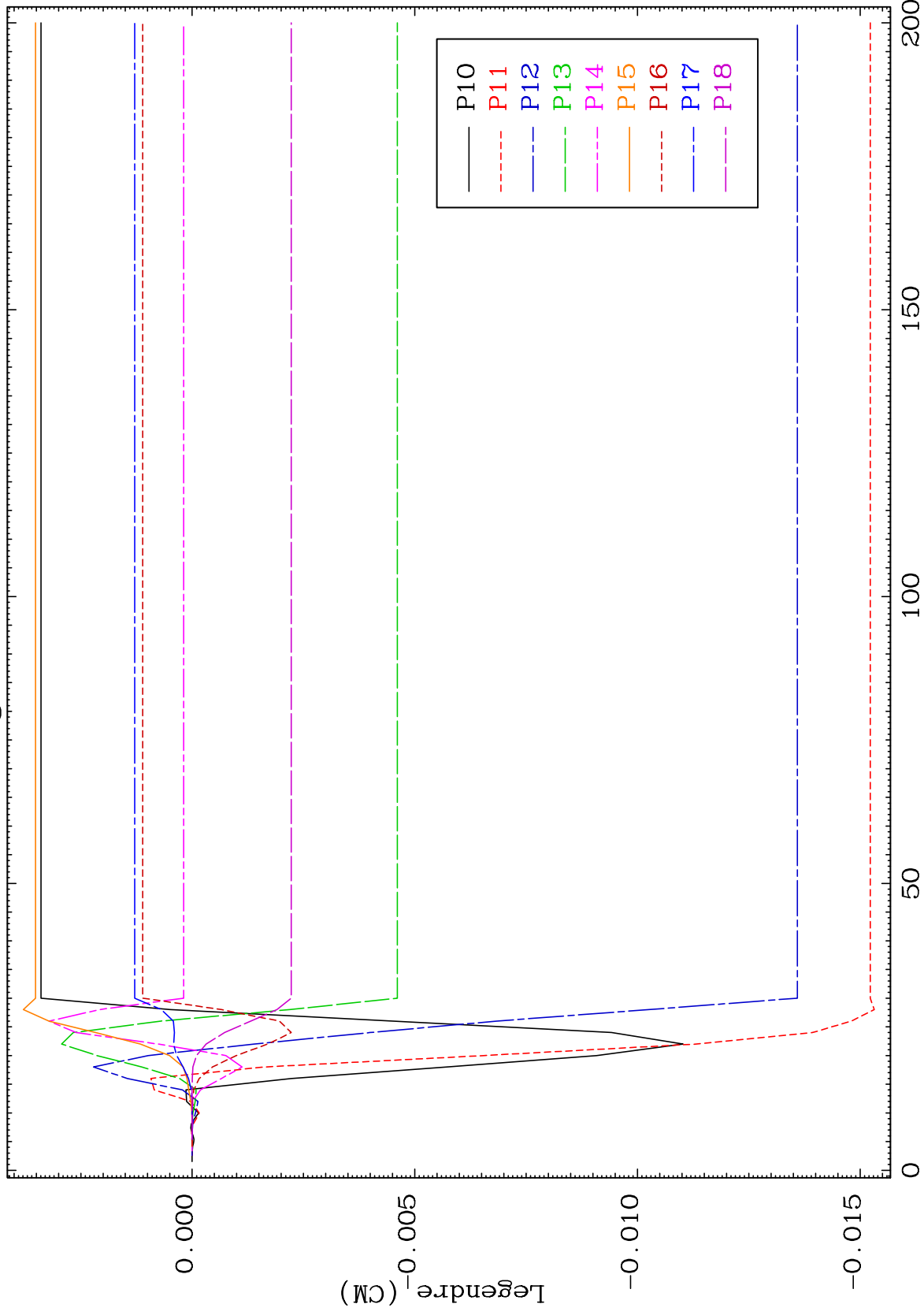
Incident Energy (MeV)

61

MAT 7849

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

78-Pt-198



62

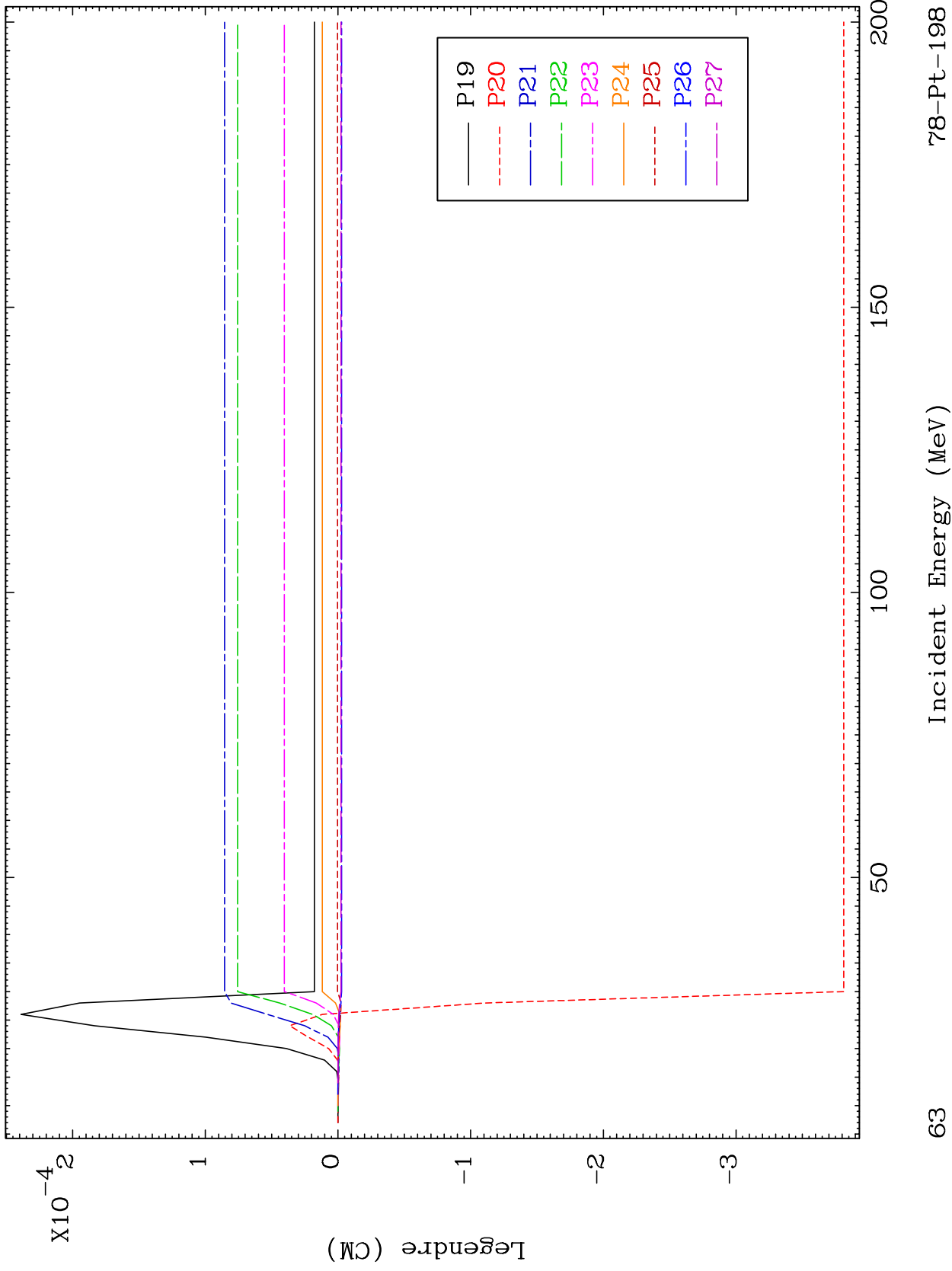
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



63

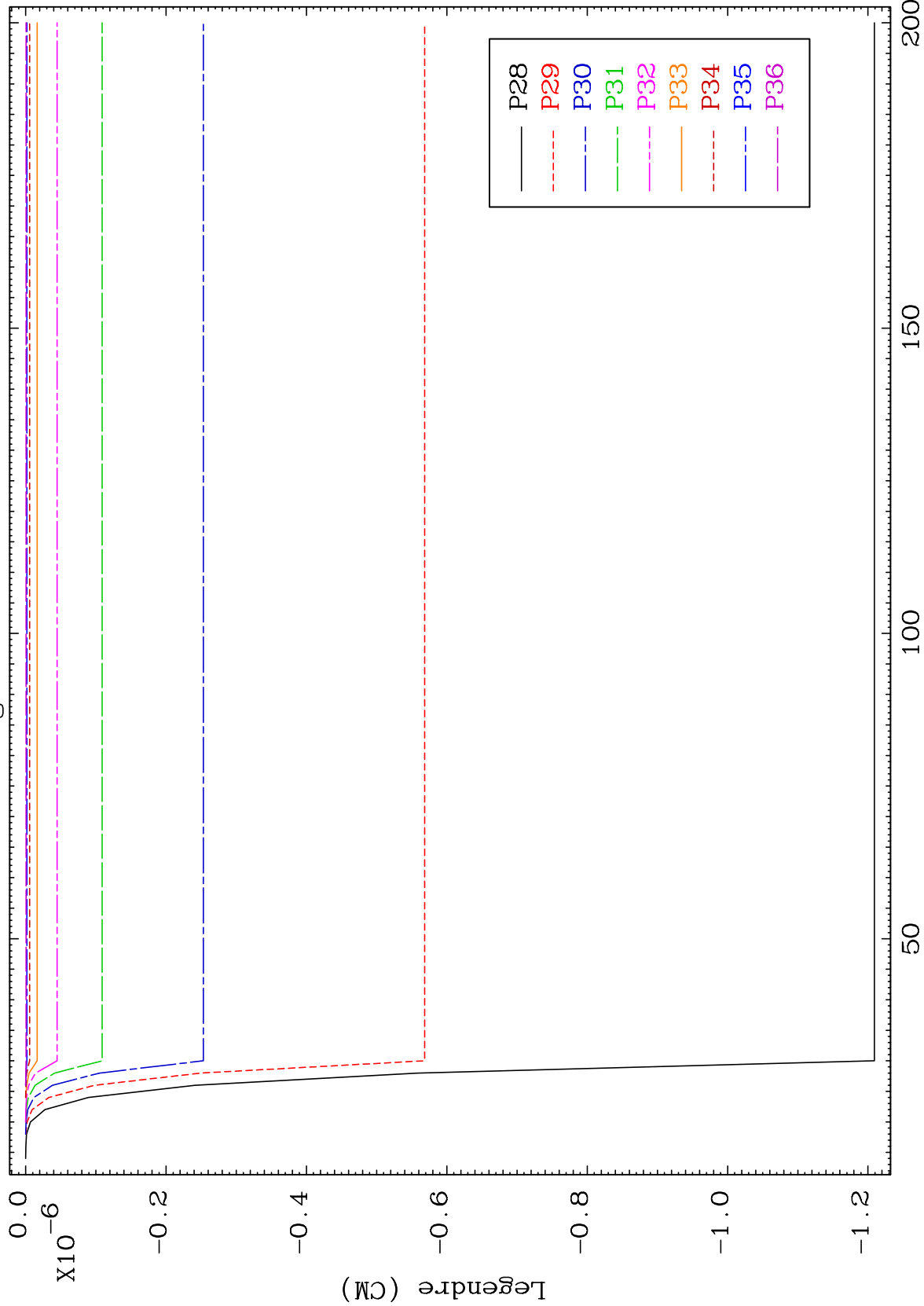
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



64

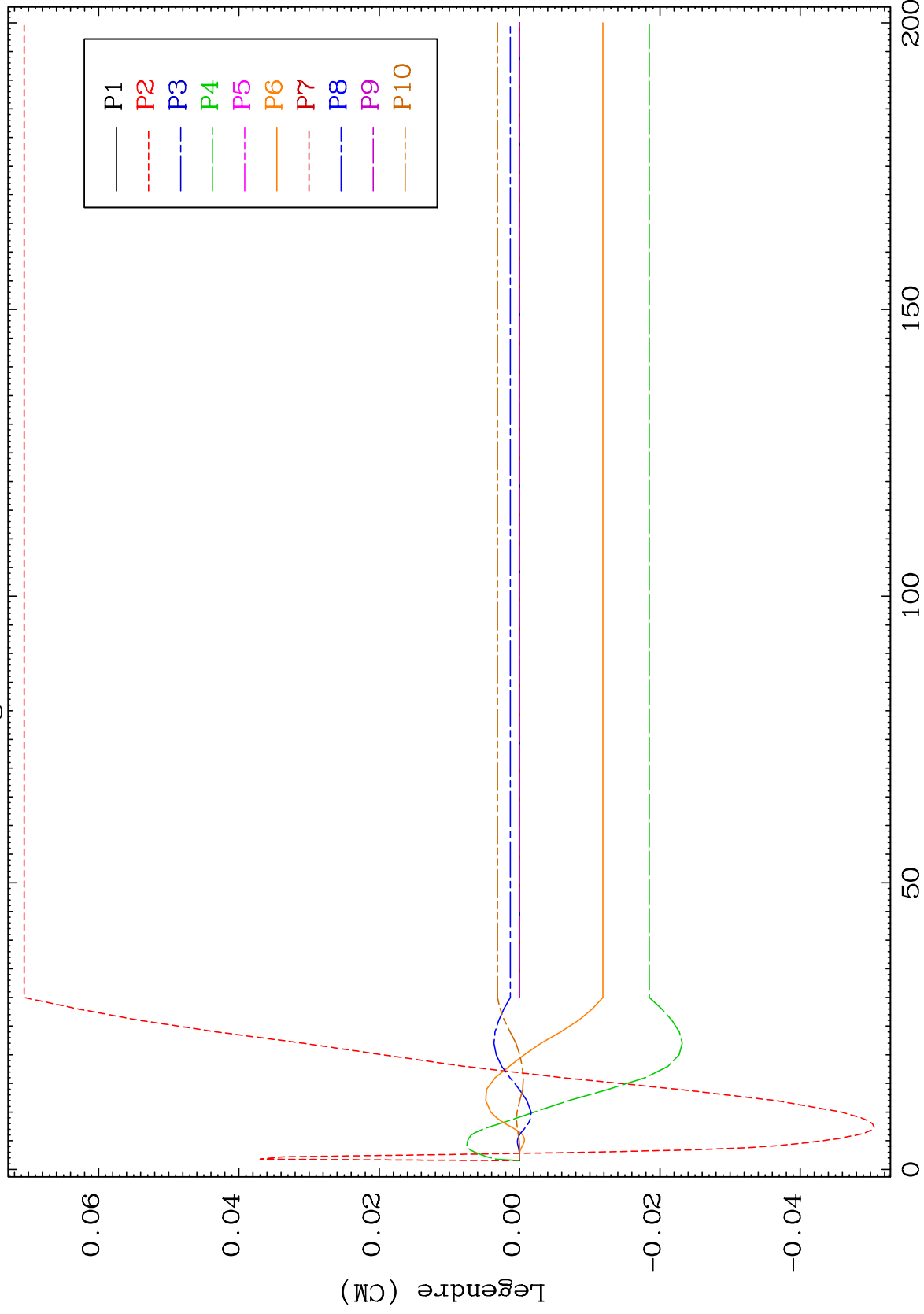
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

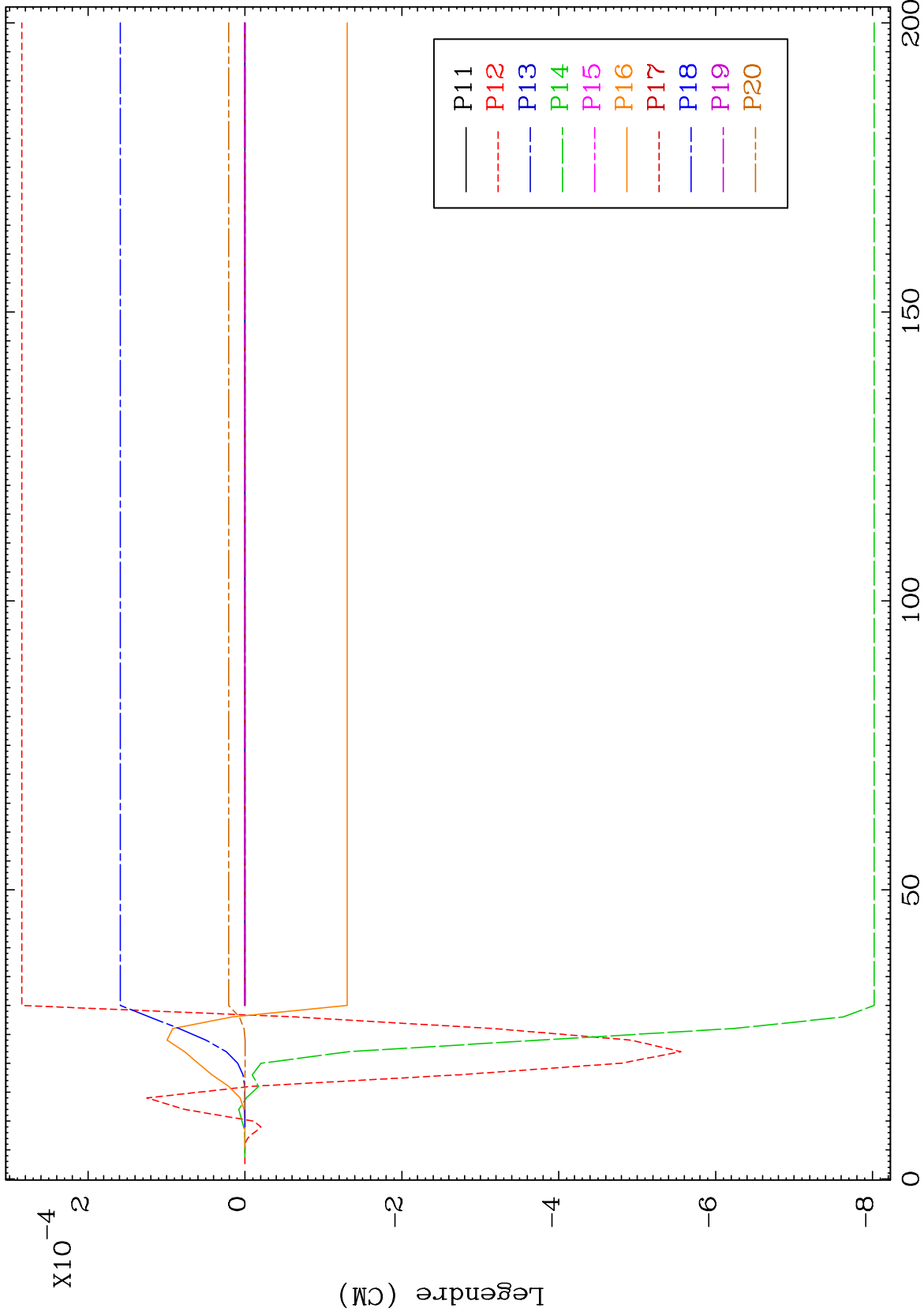
Incident Energy (MeV)

65

MAT 7849

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

78-Pt-198



66

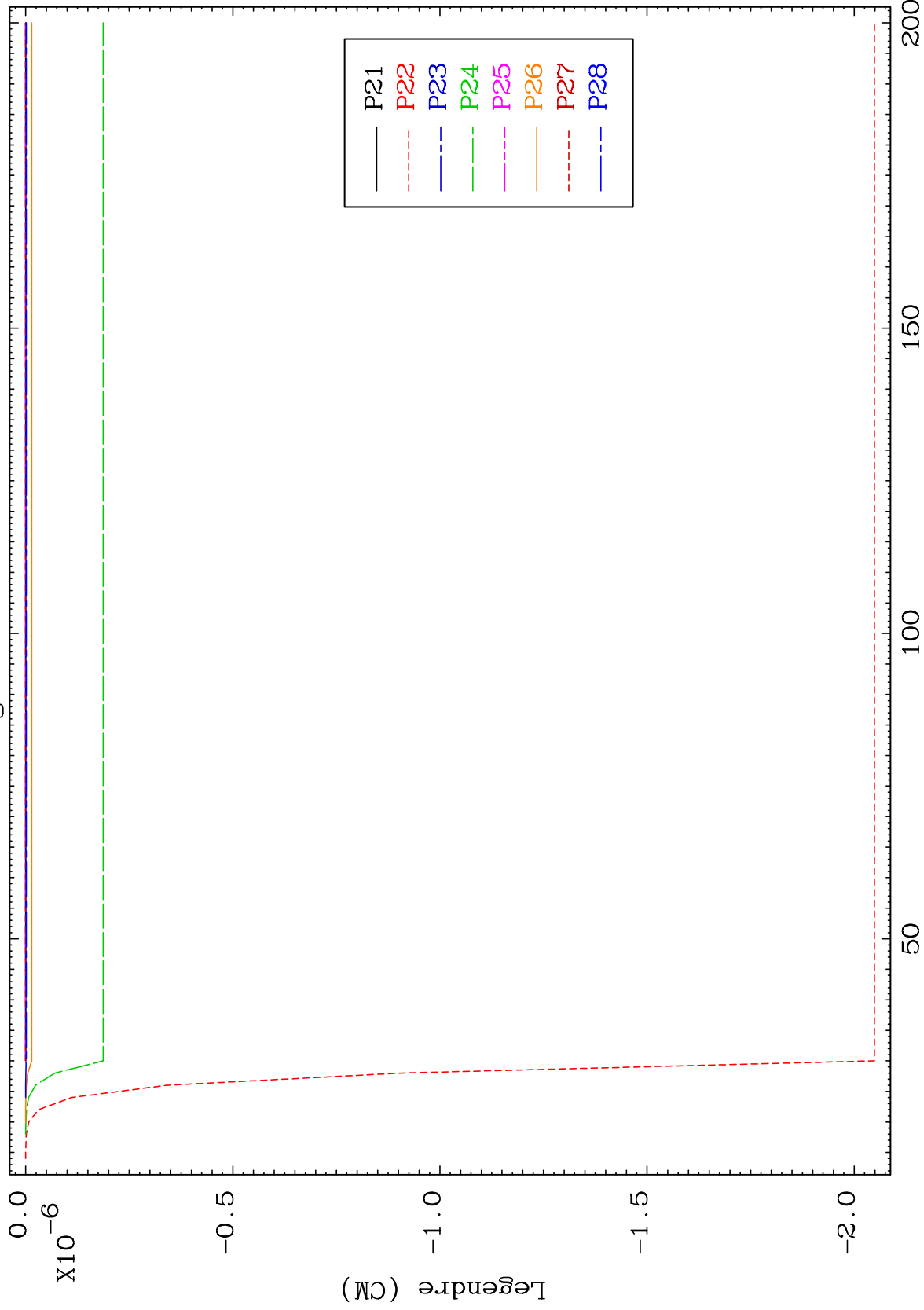
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



67

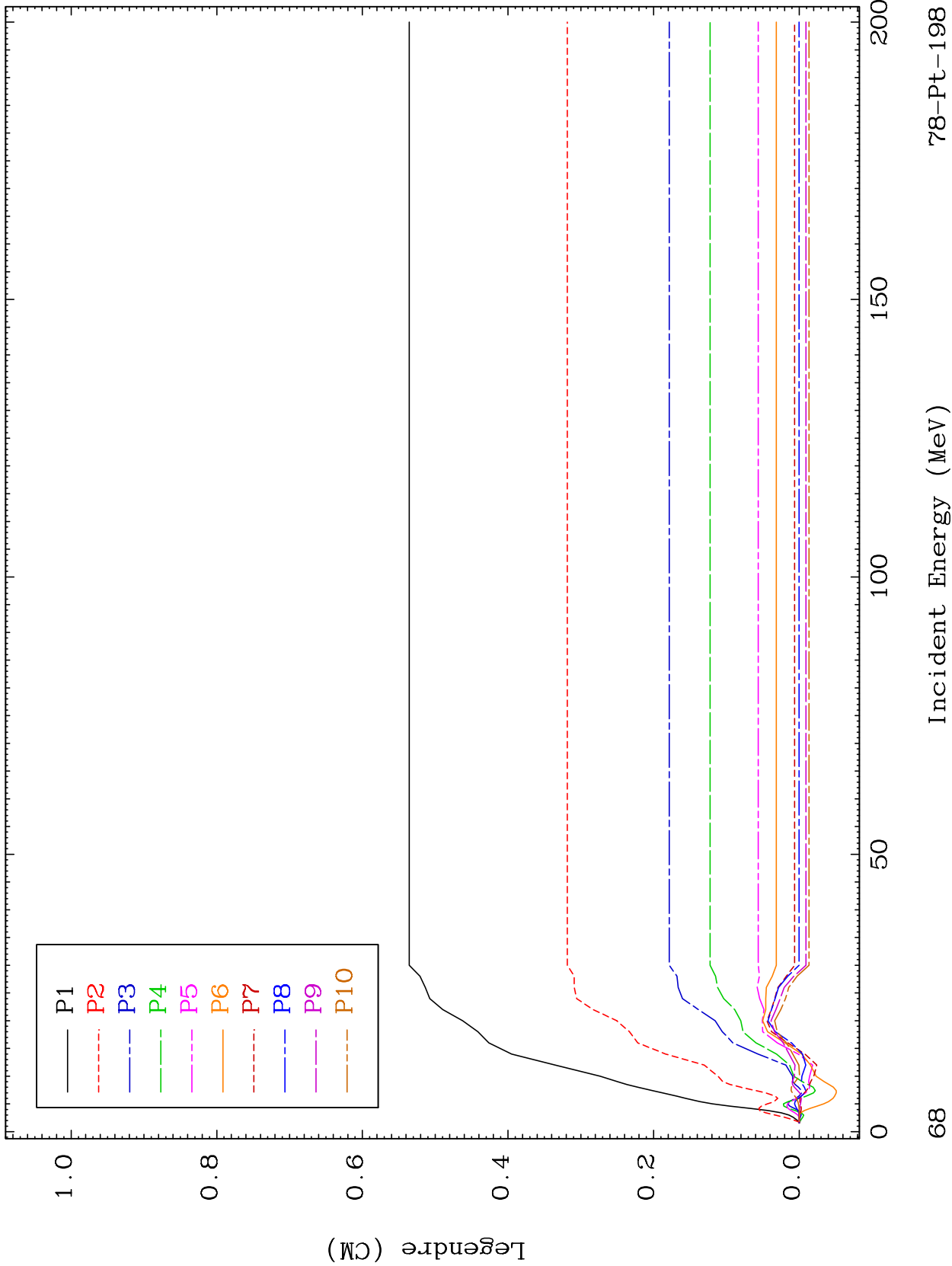
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

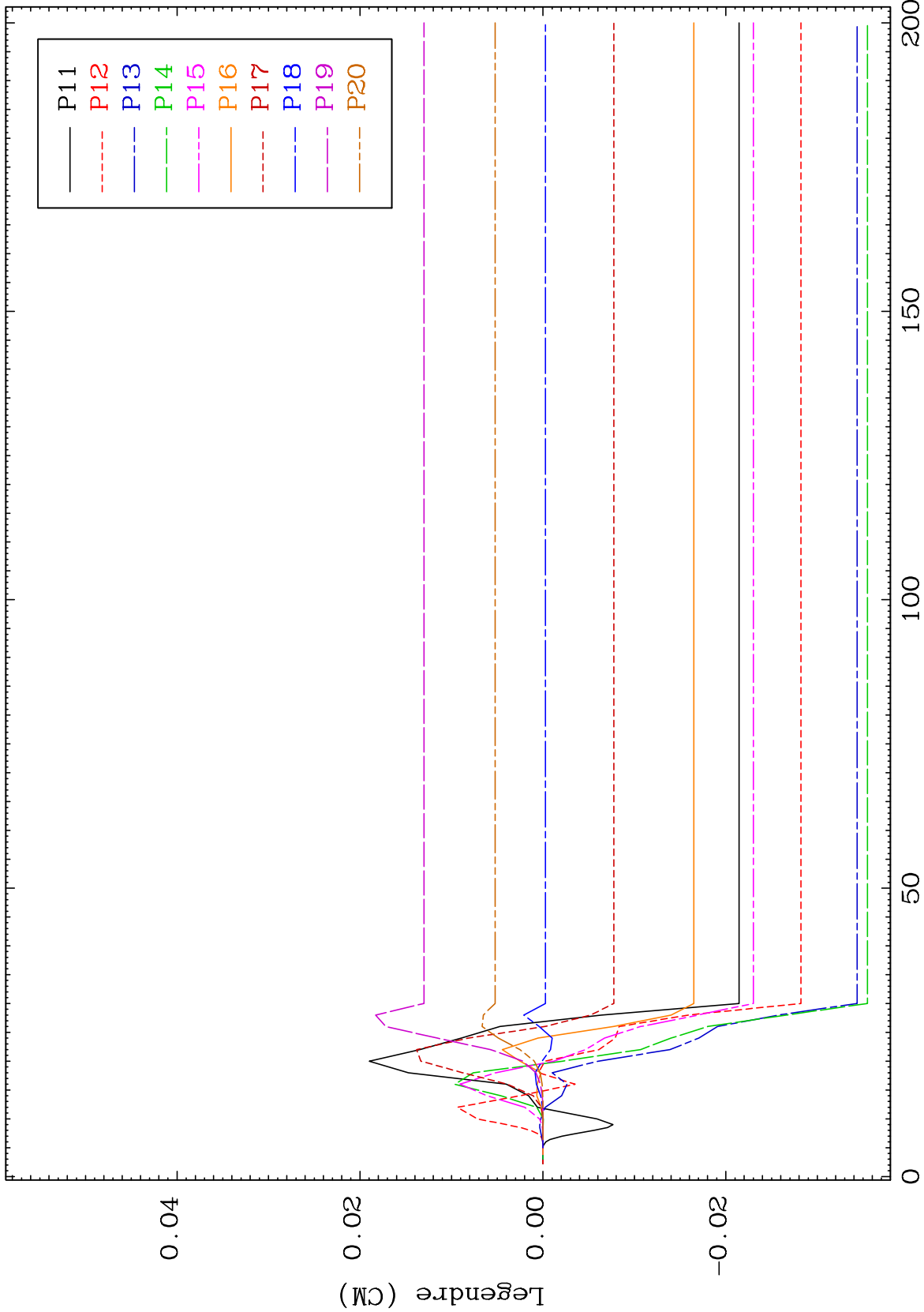
Incident Energy (MeV)

68

MAT 7849

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

78-Pt-198



69

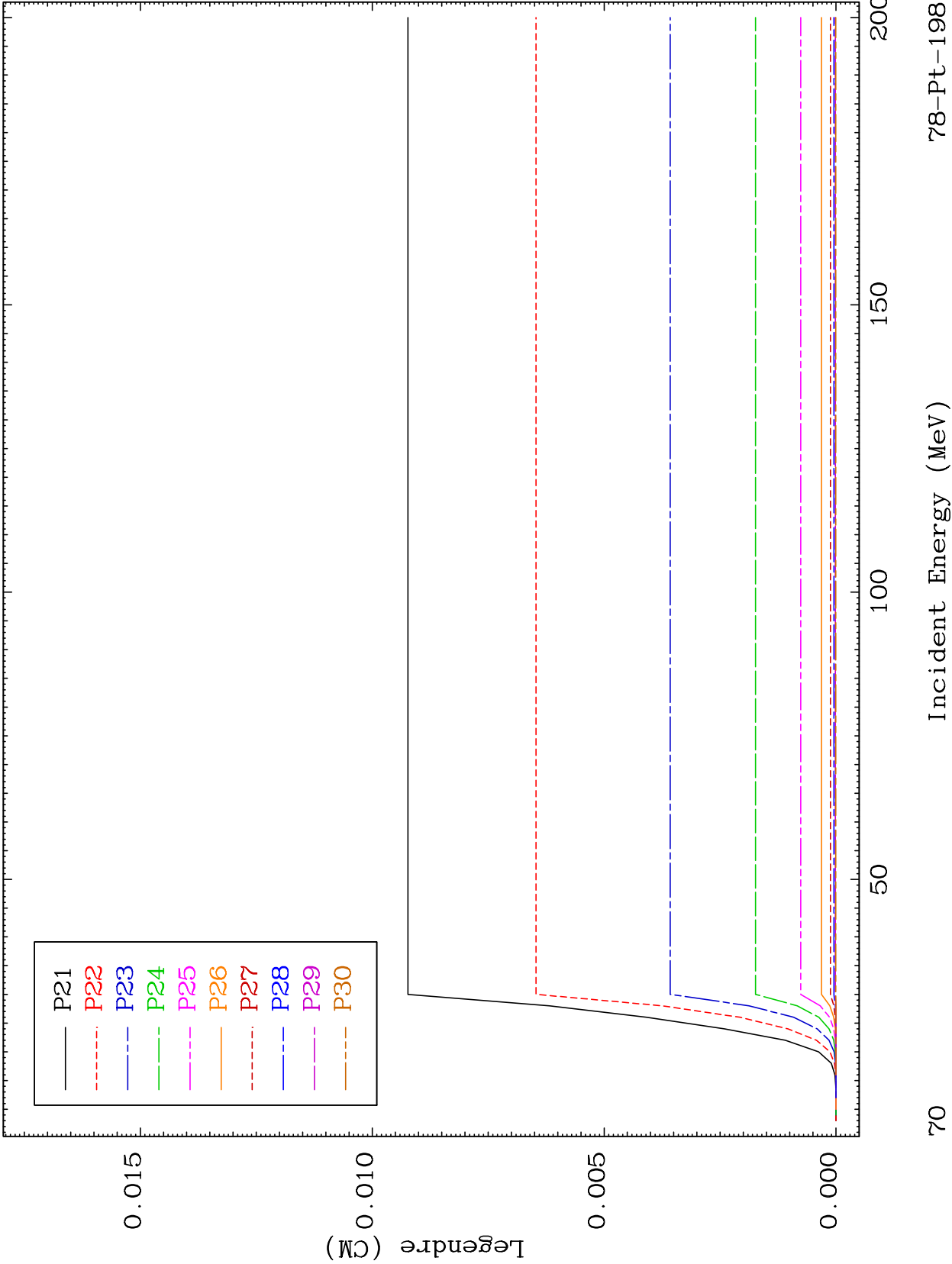
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



70

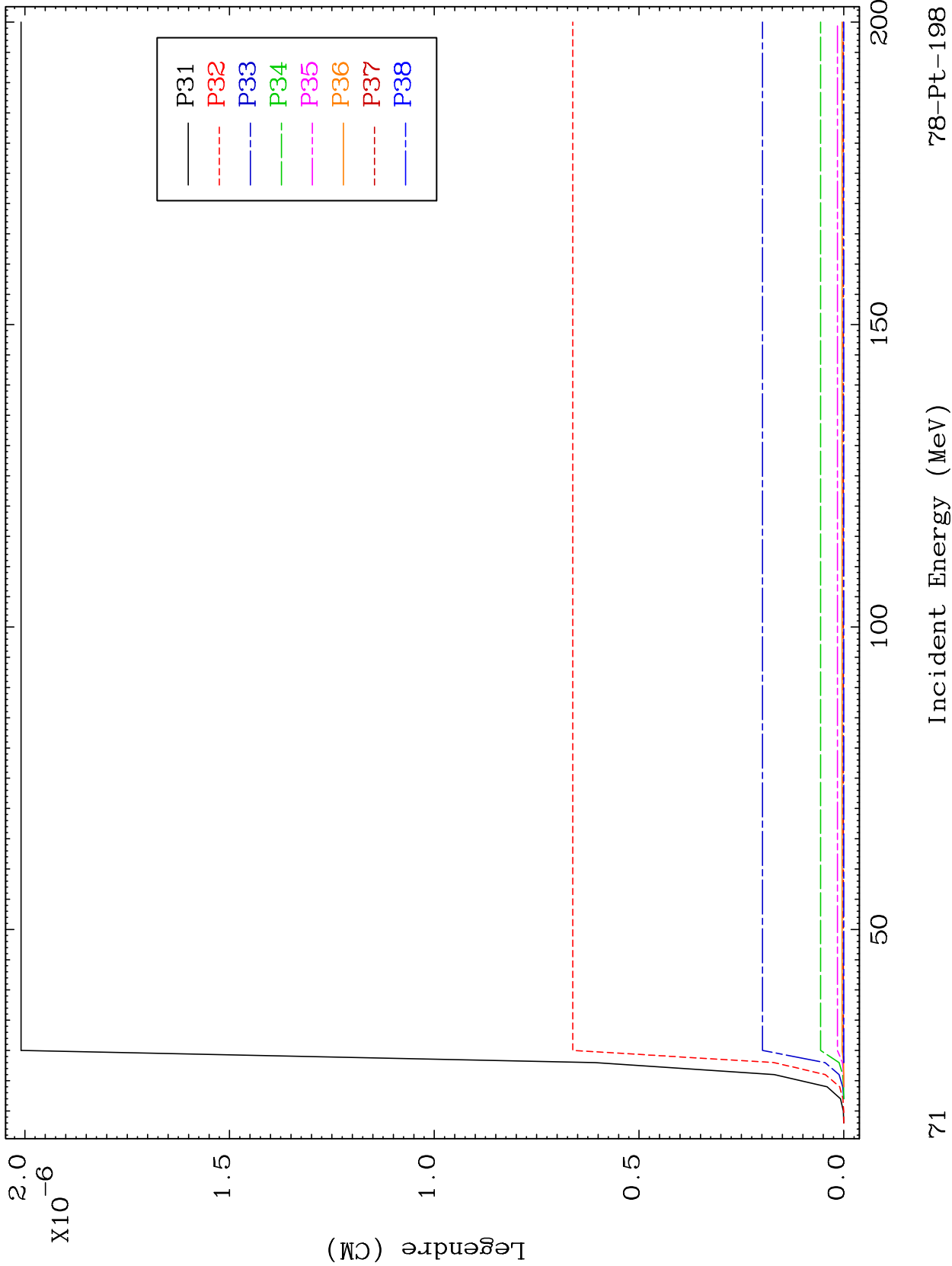
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



71

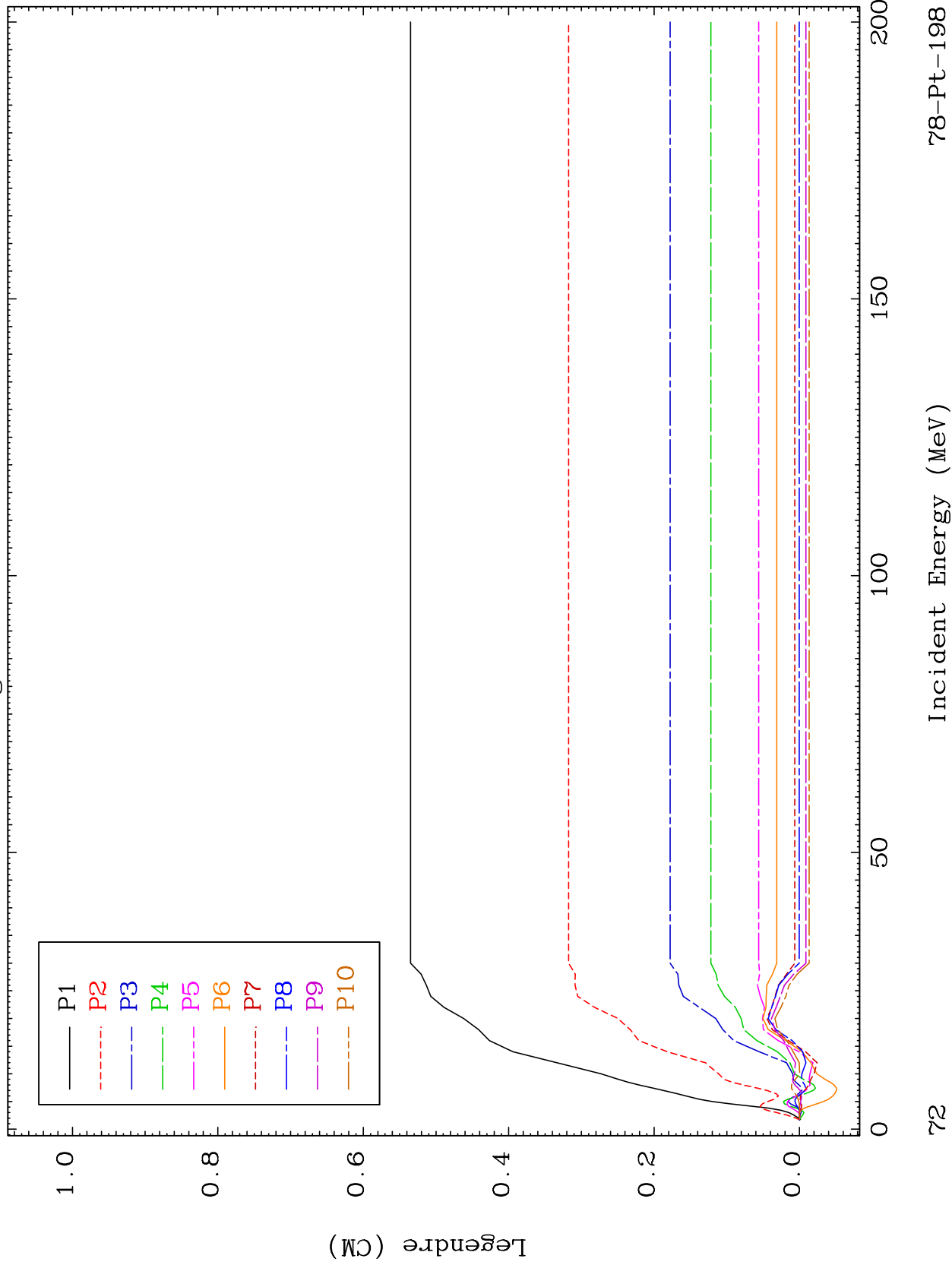
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

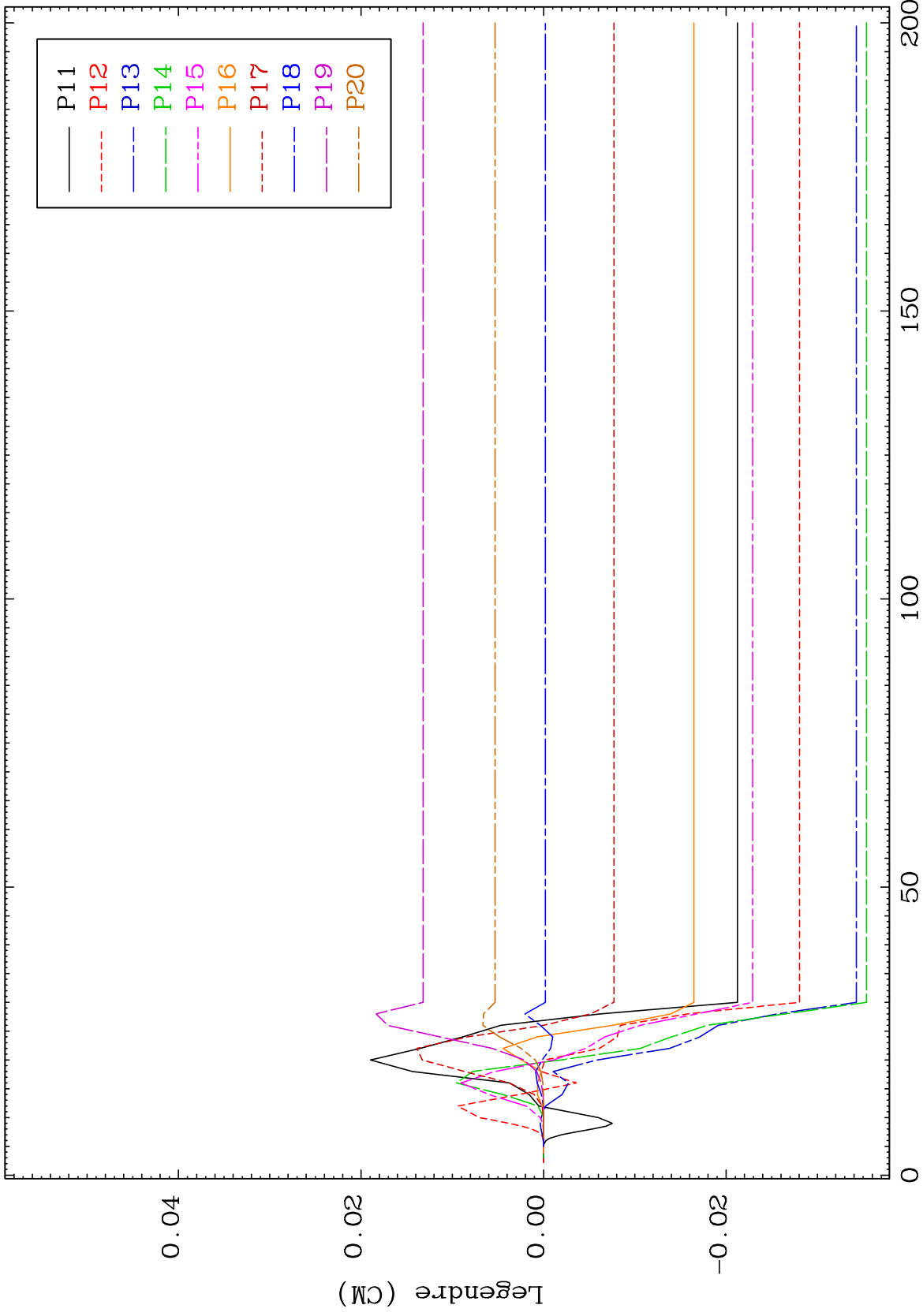
Incident Energy (MeV)

72

MAT 7849

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

78-Pt-198



73

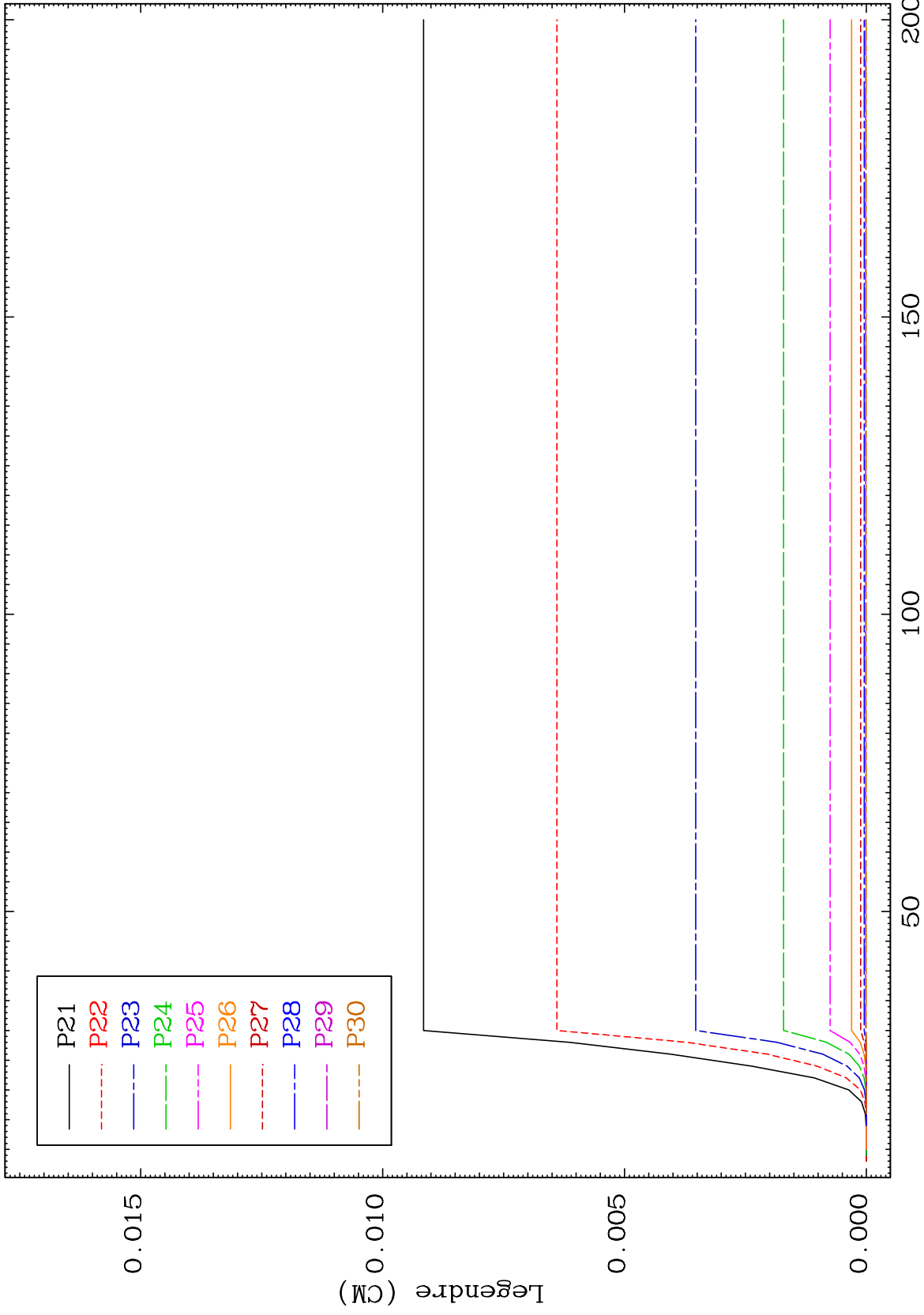
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



74

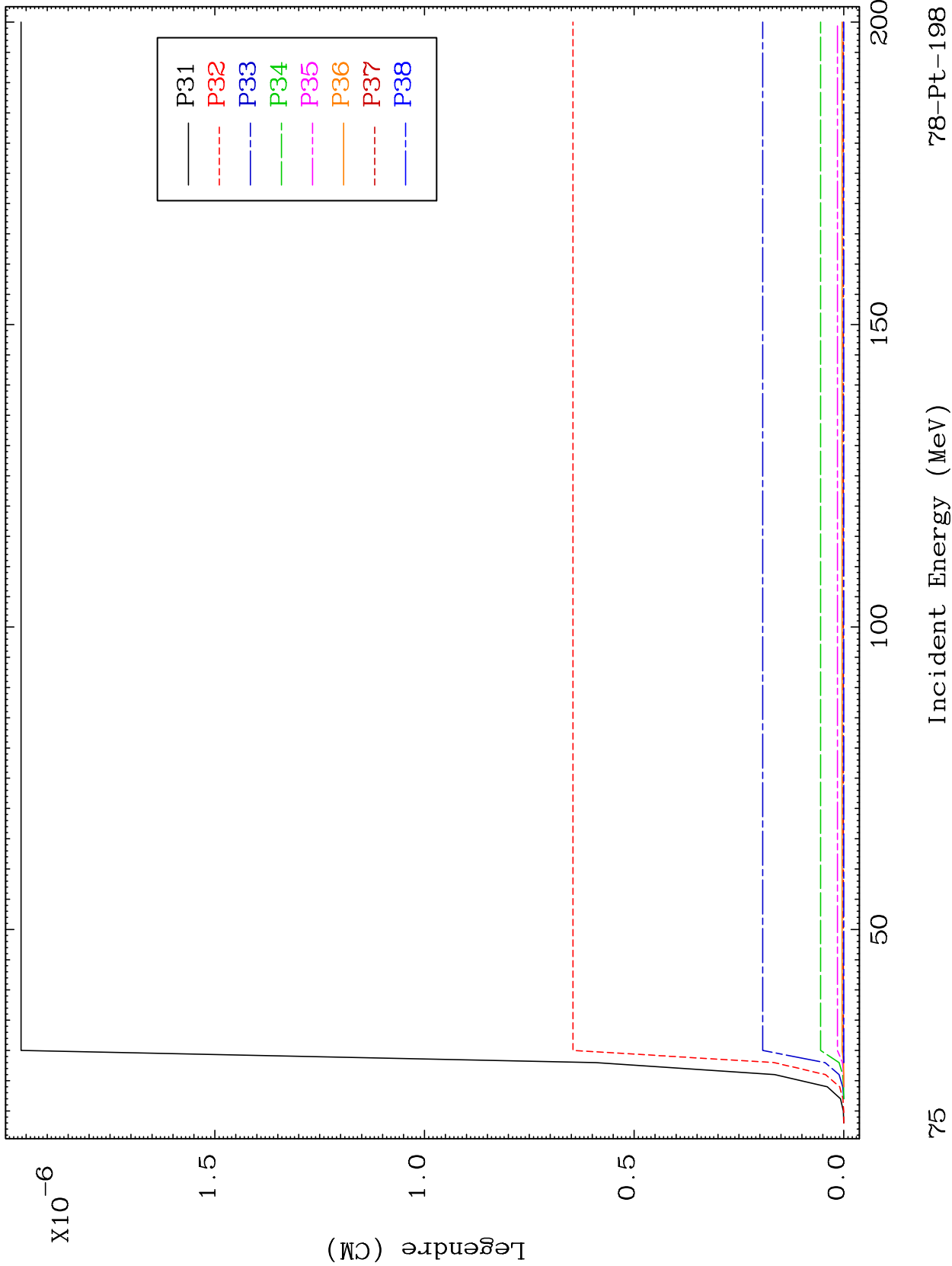
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



75

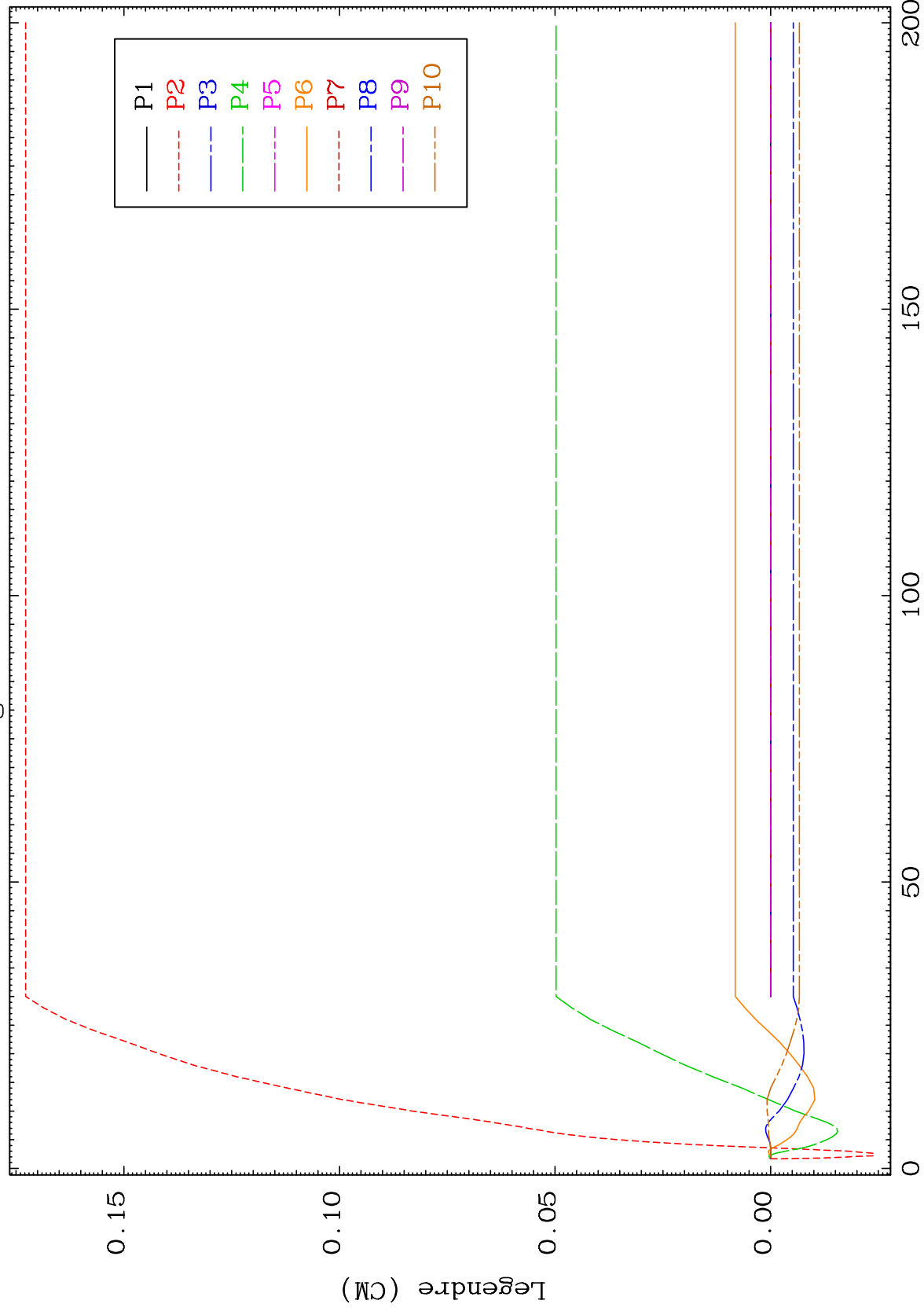
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



76

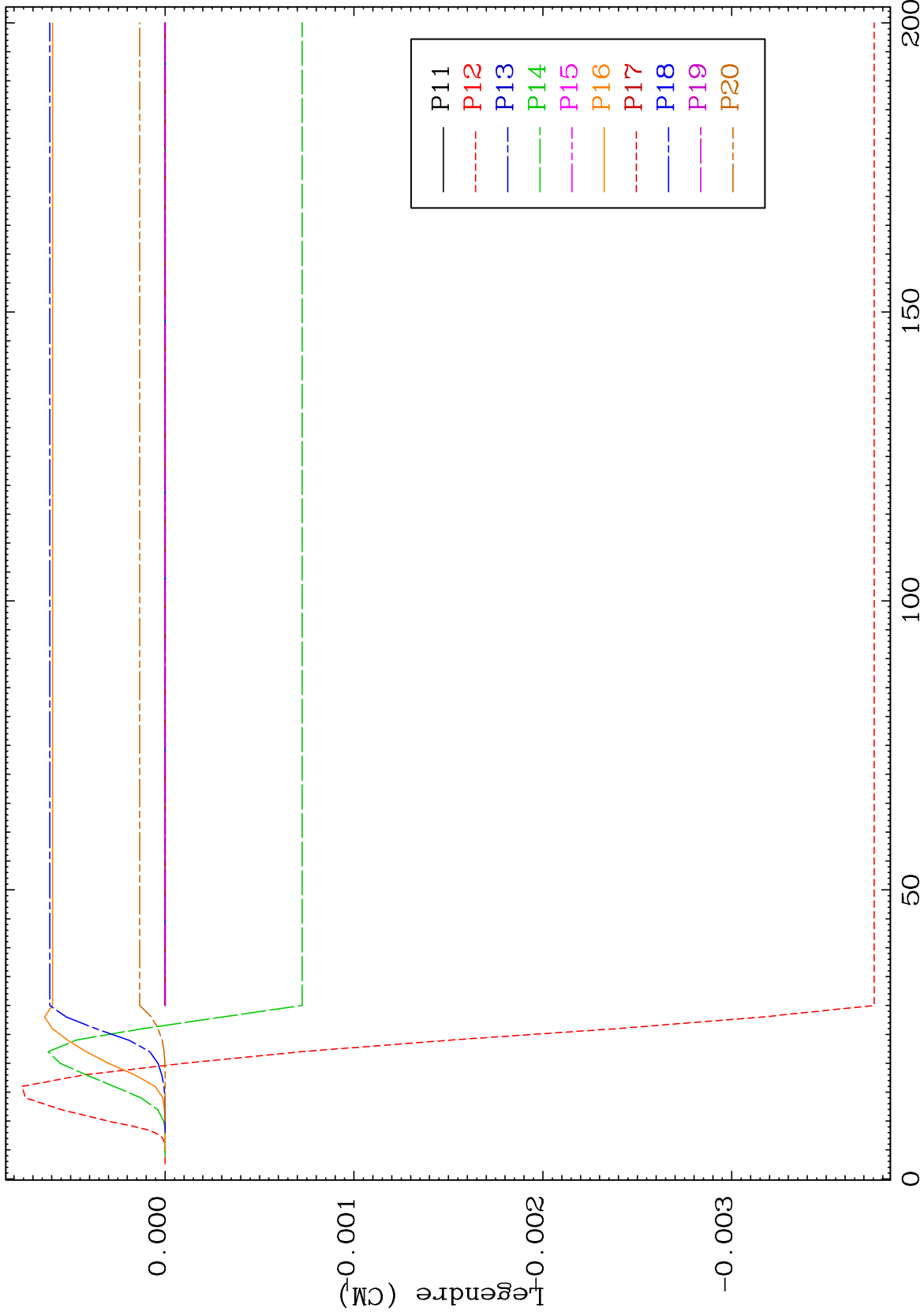
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198

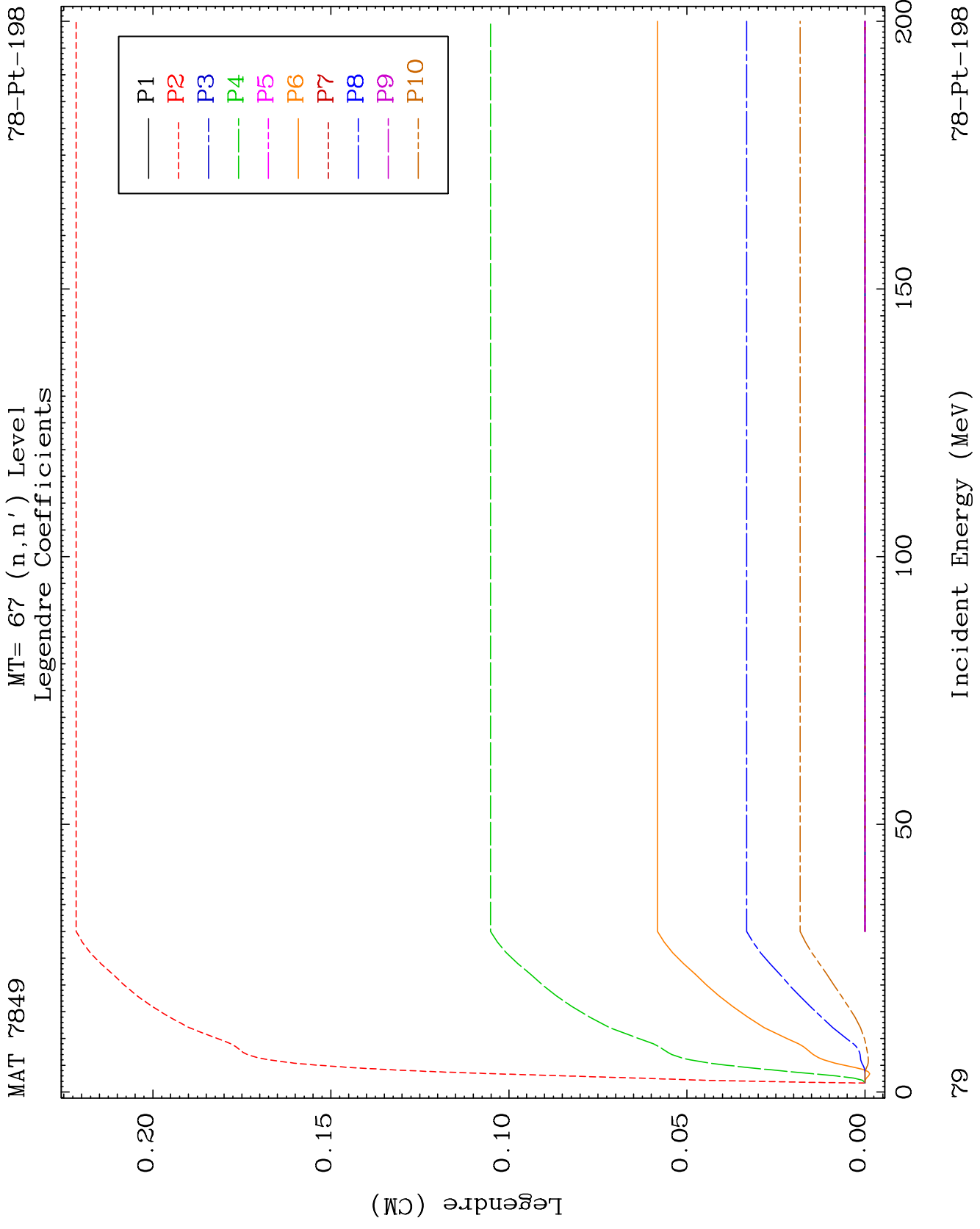


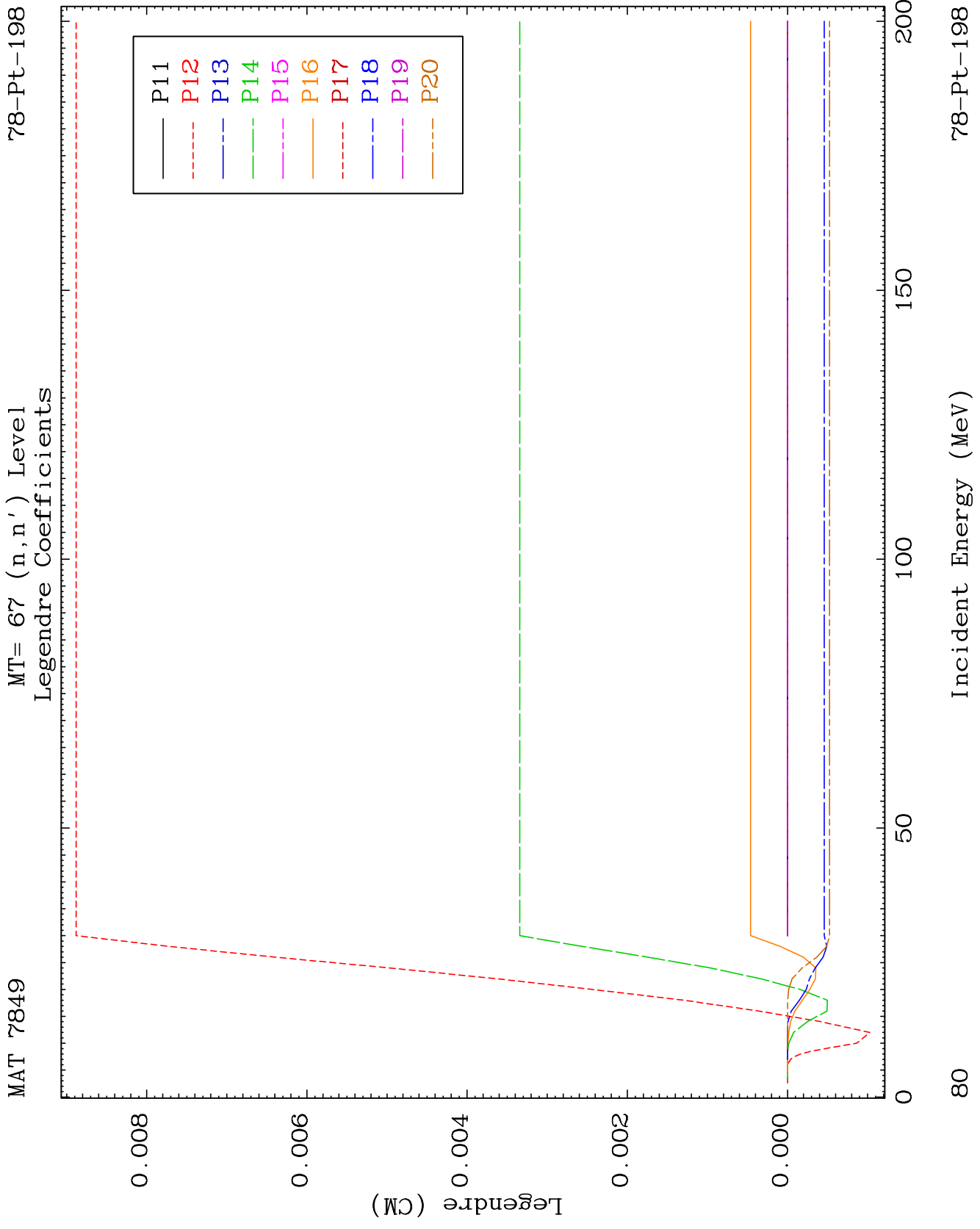
77

Incident Energy (MeV)

78-Pt-198





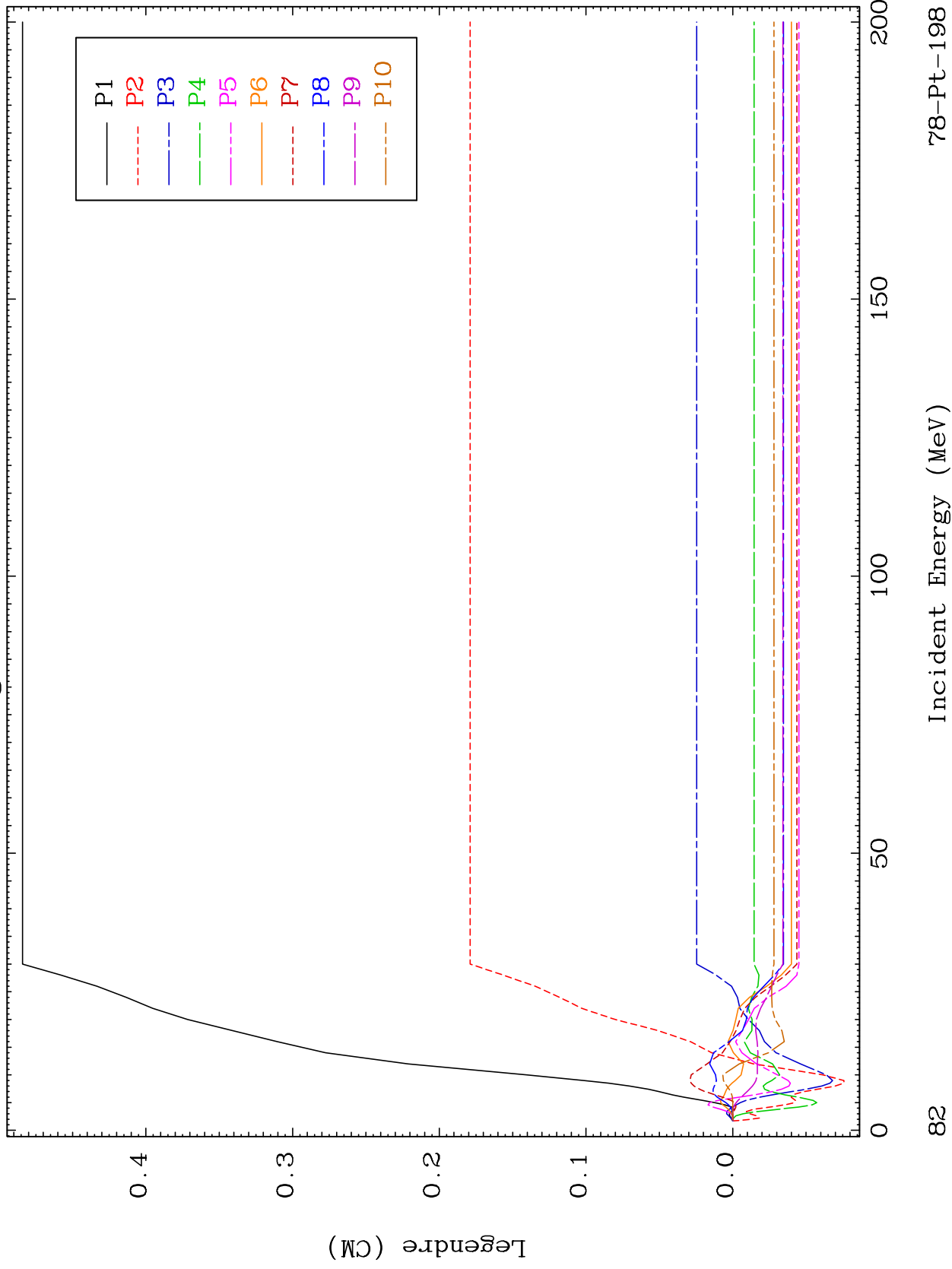




MAT 7849

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

78-Pt-198

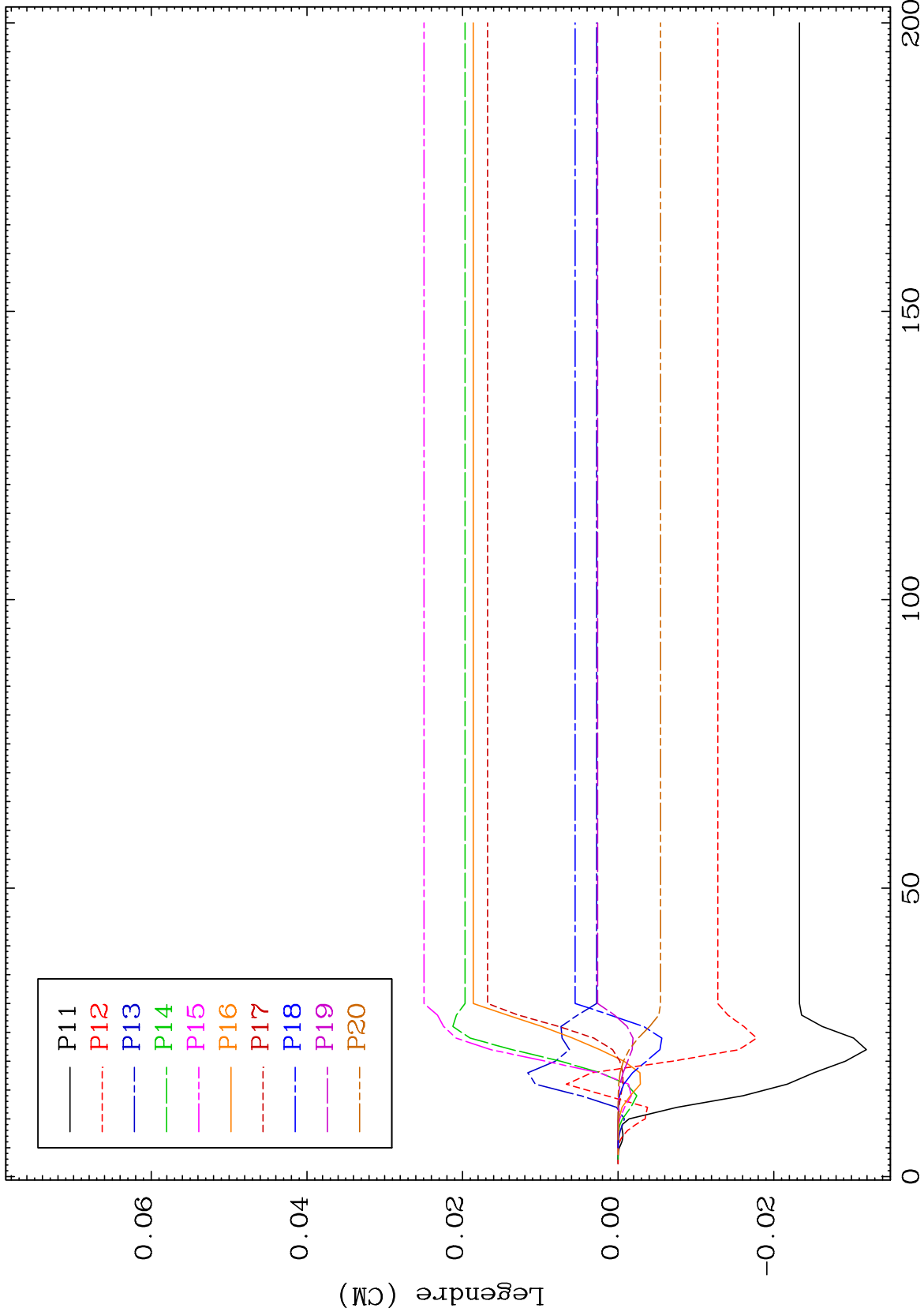


82

MAT 7849

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

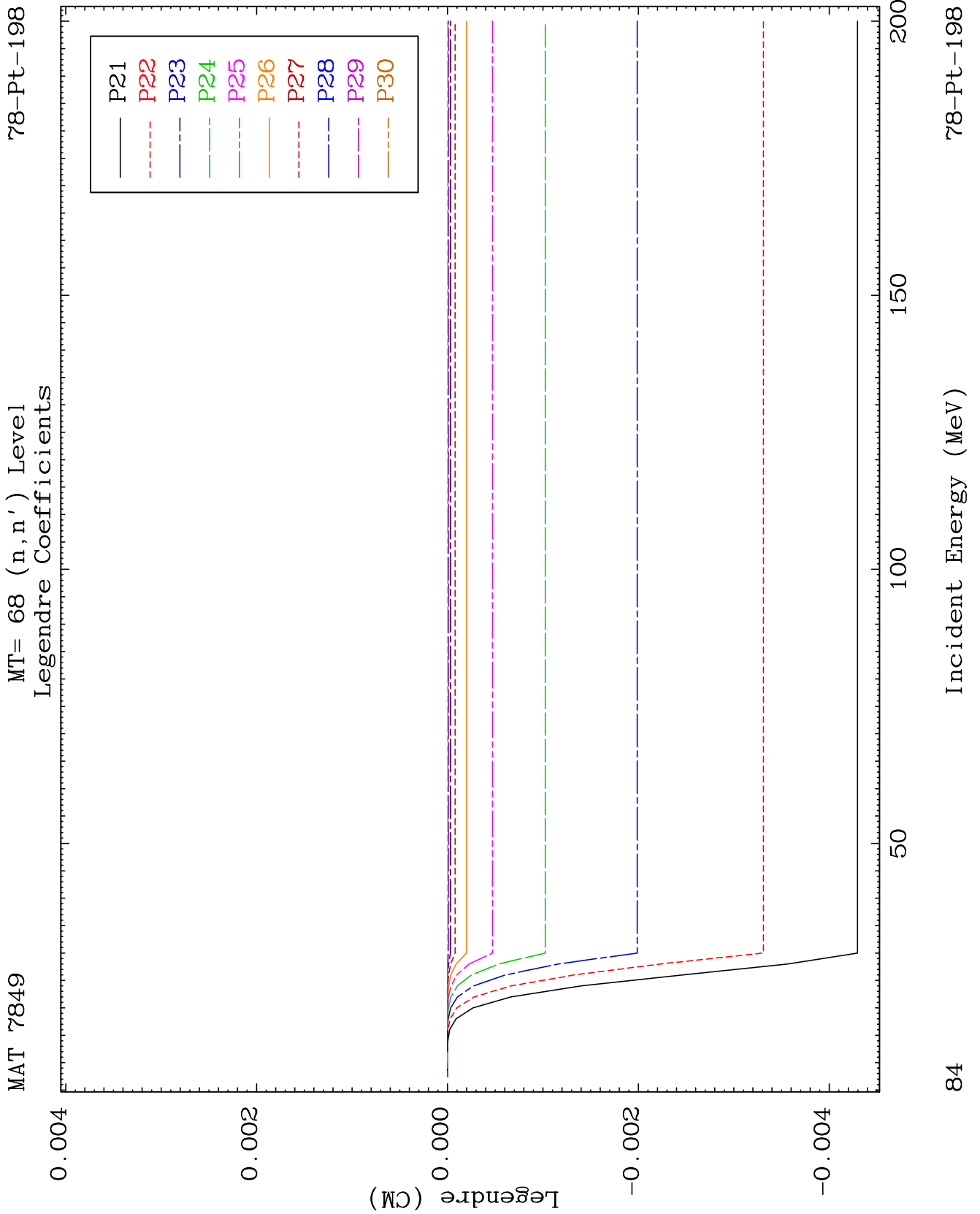
78-Pt-198

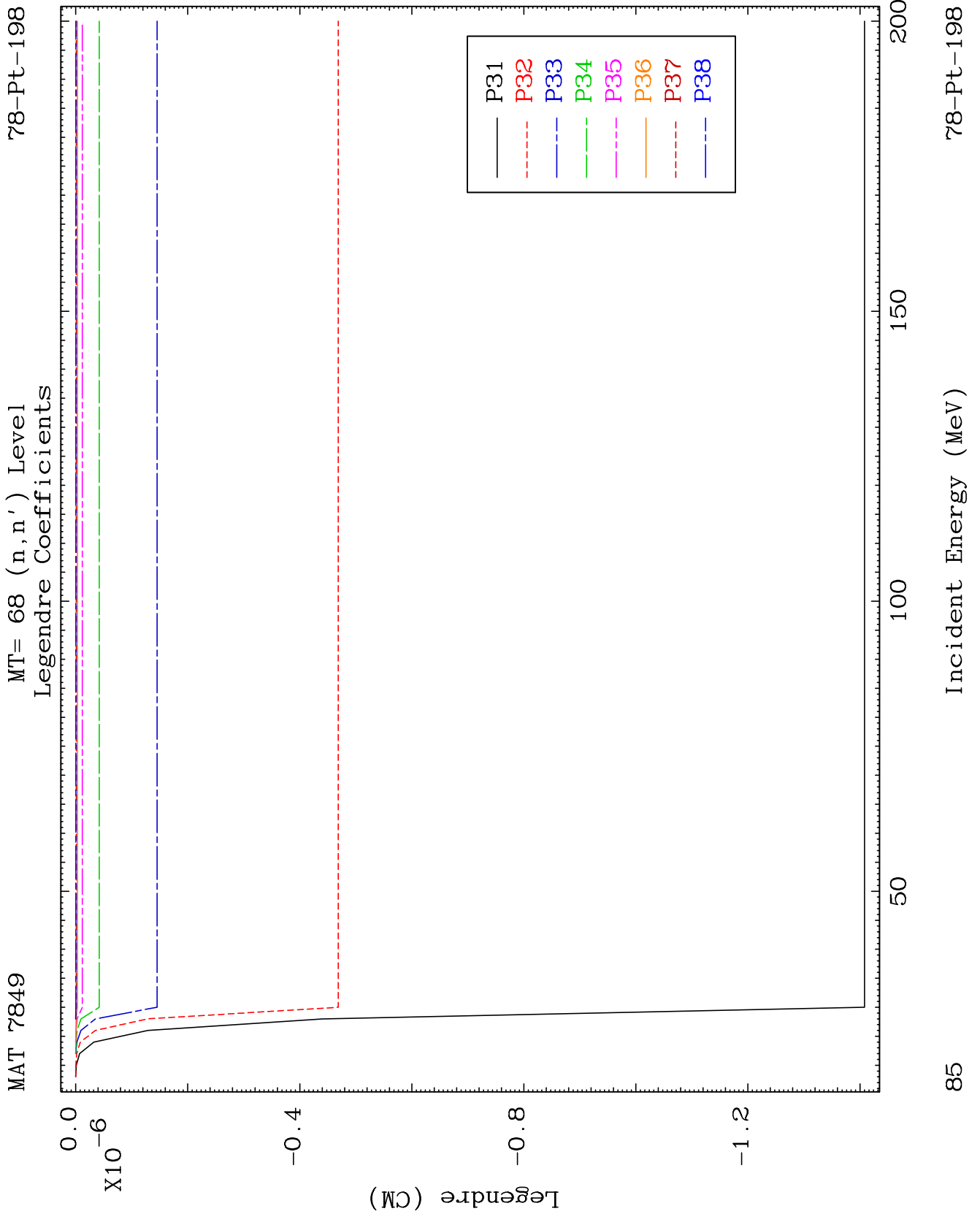


83

Incident Energy (MeV)

78-Pt-198

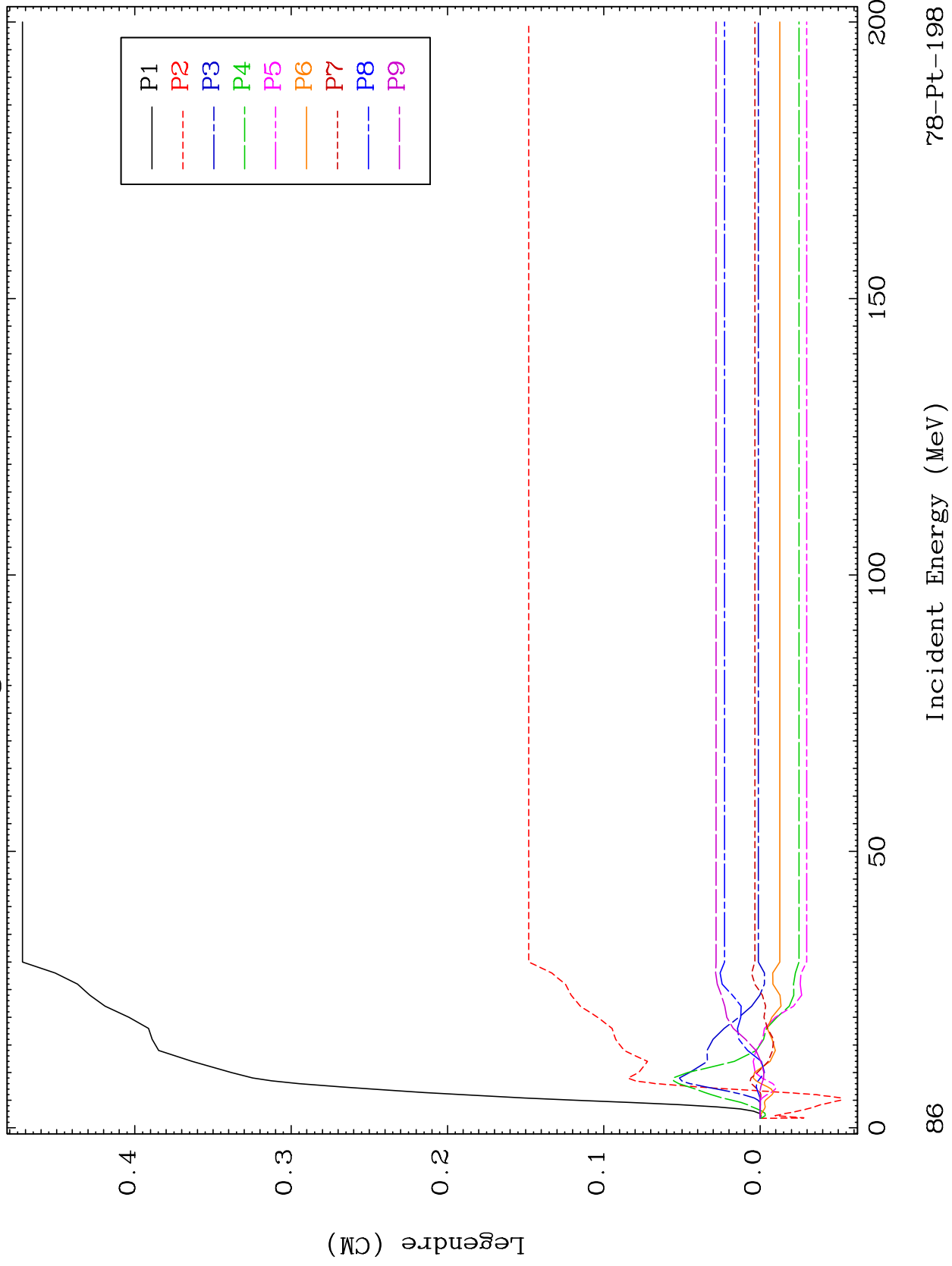




MAT 7849

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

78-Pt-198



86

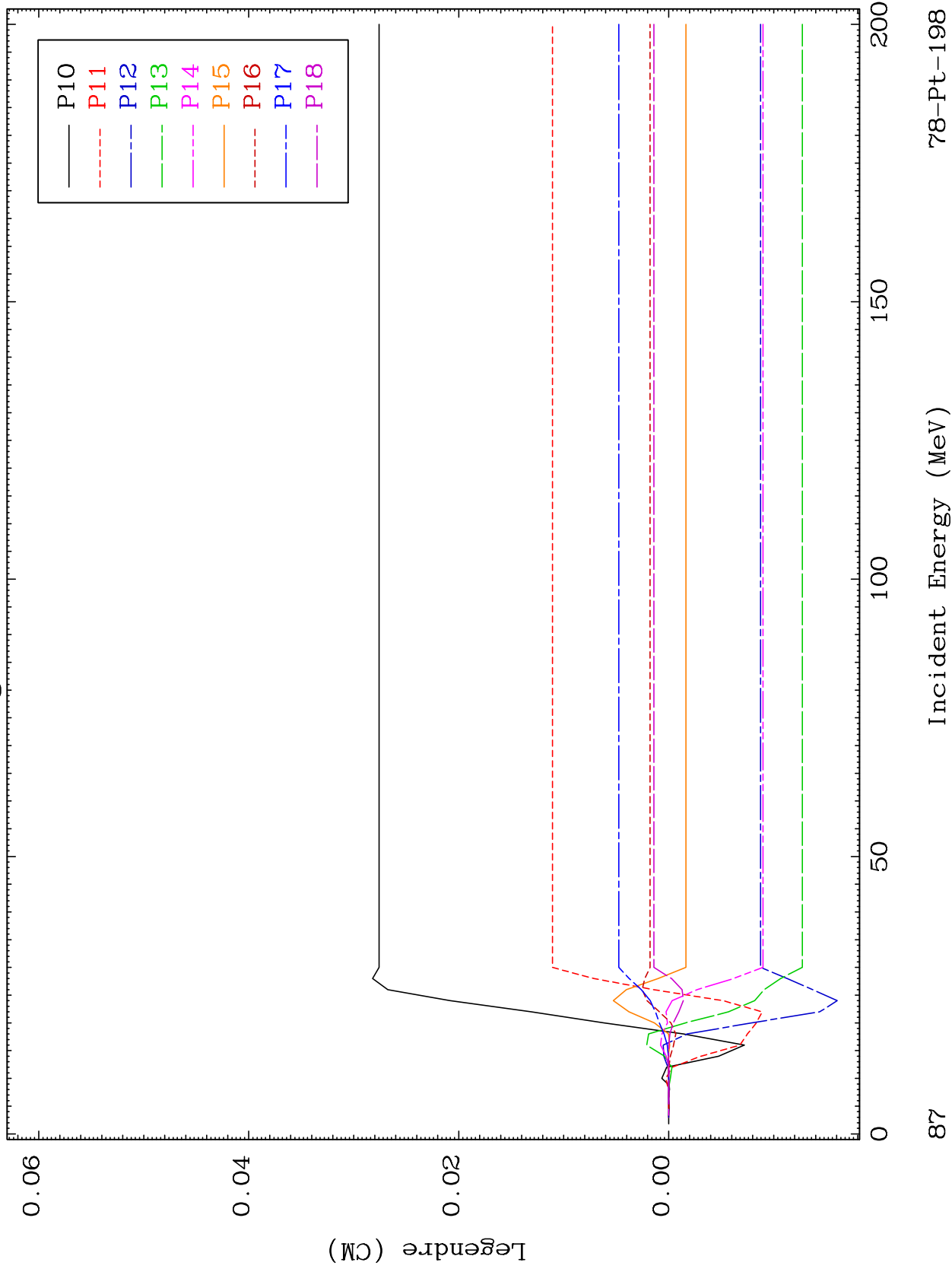
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



87

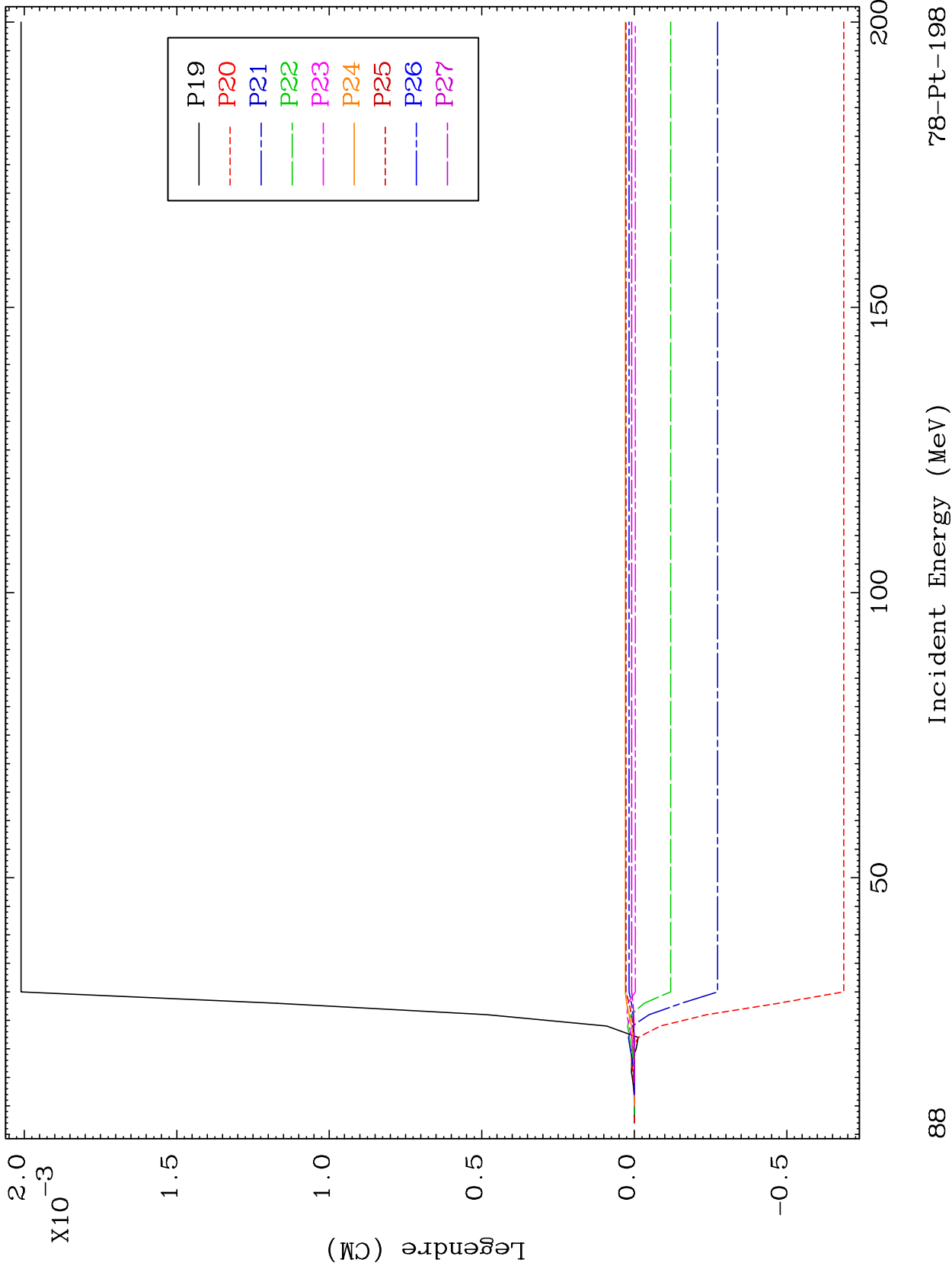
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



88

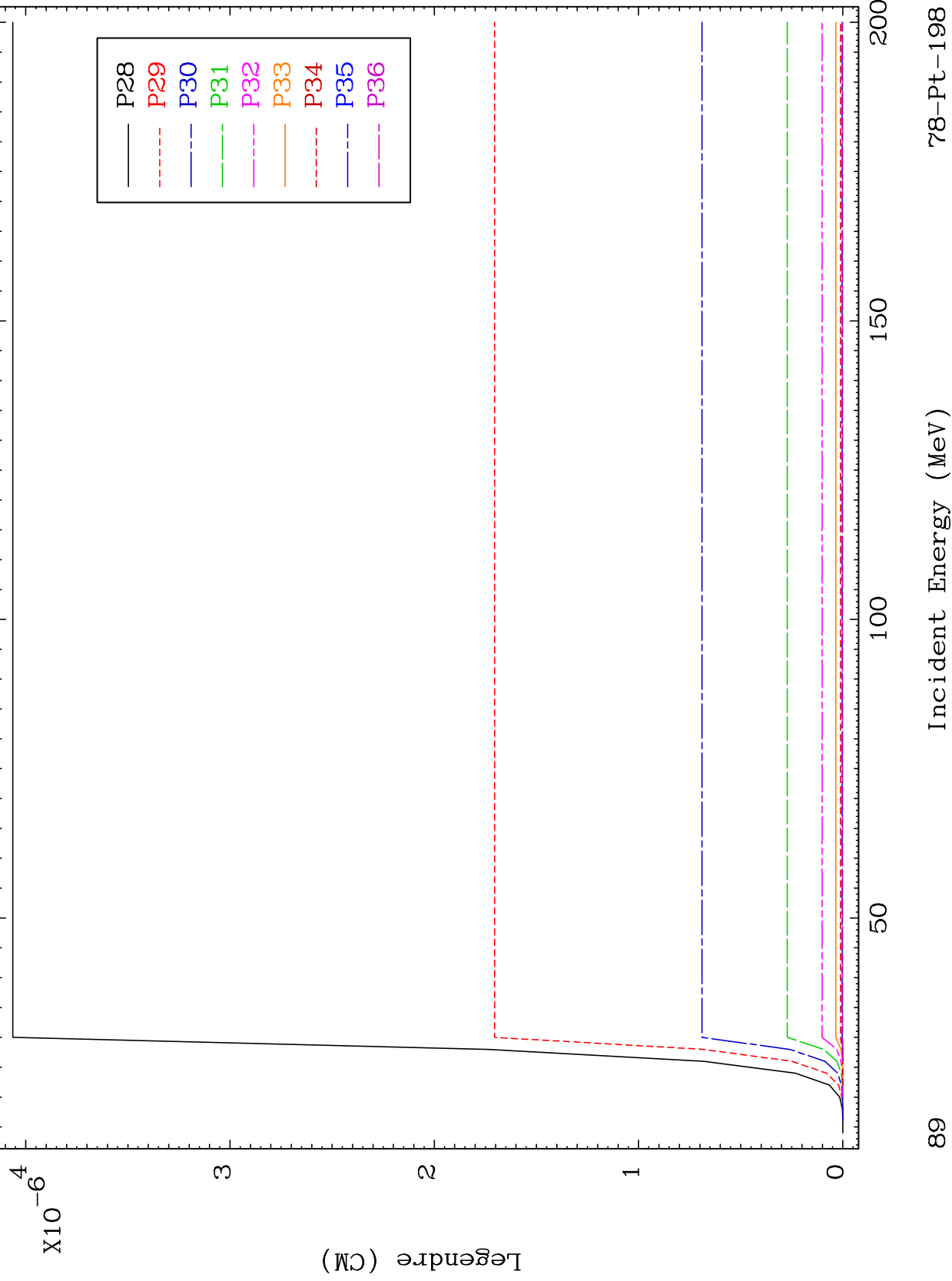
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

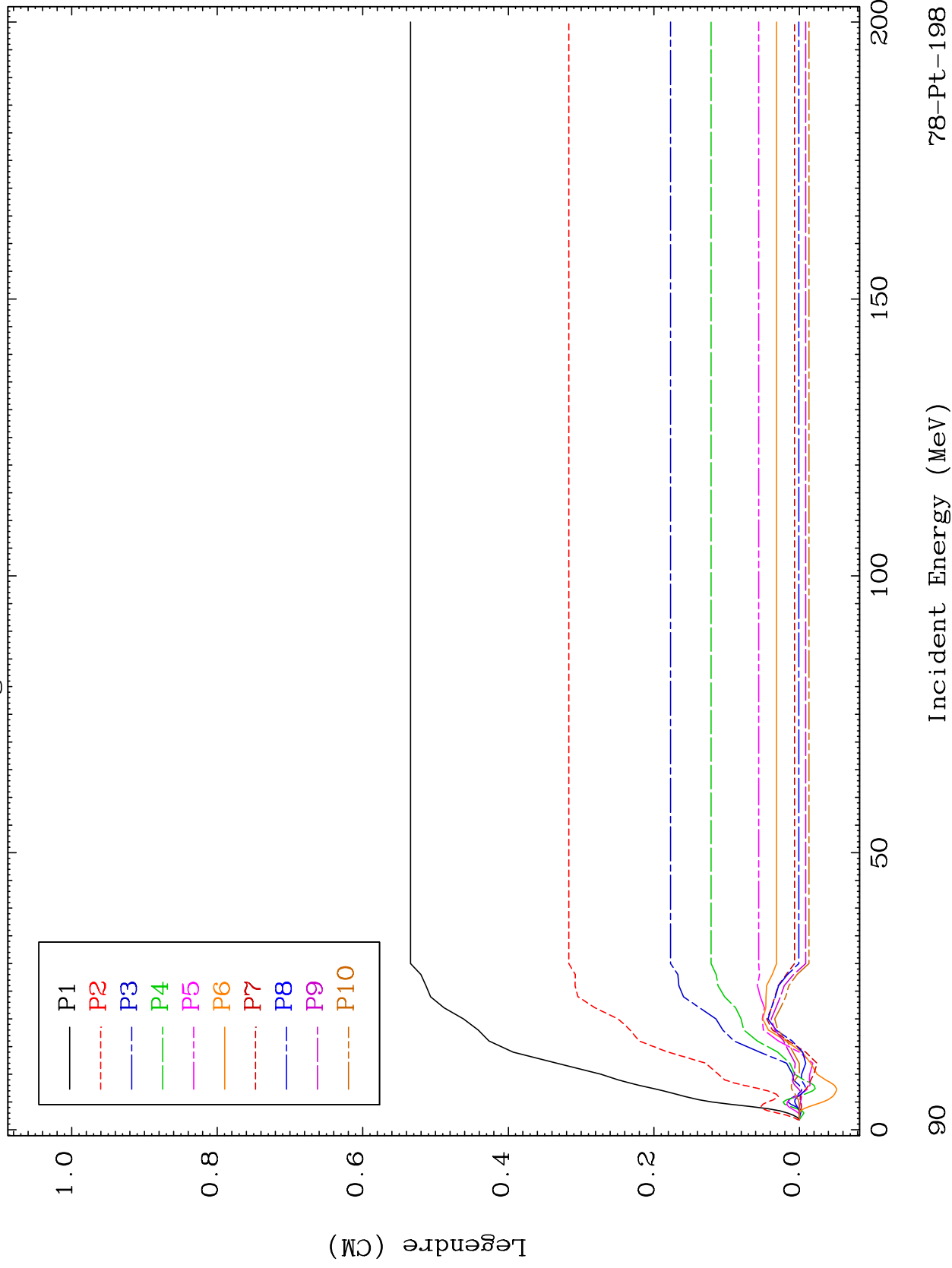
78-Pt-198



MAT 7849

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

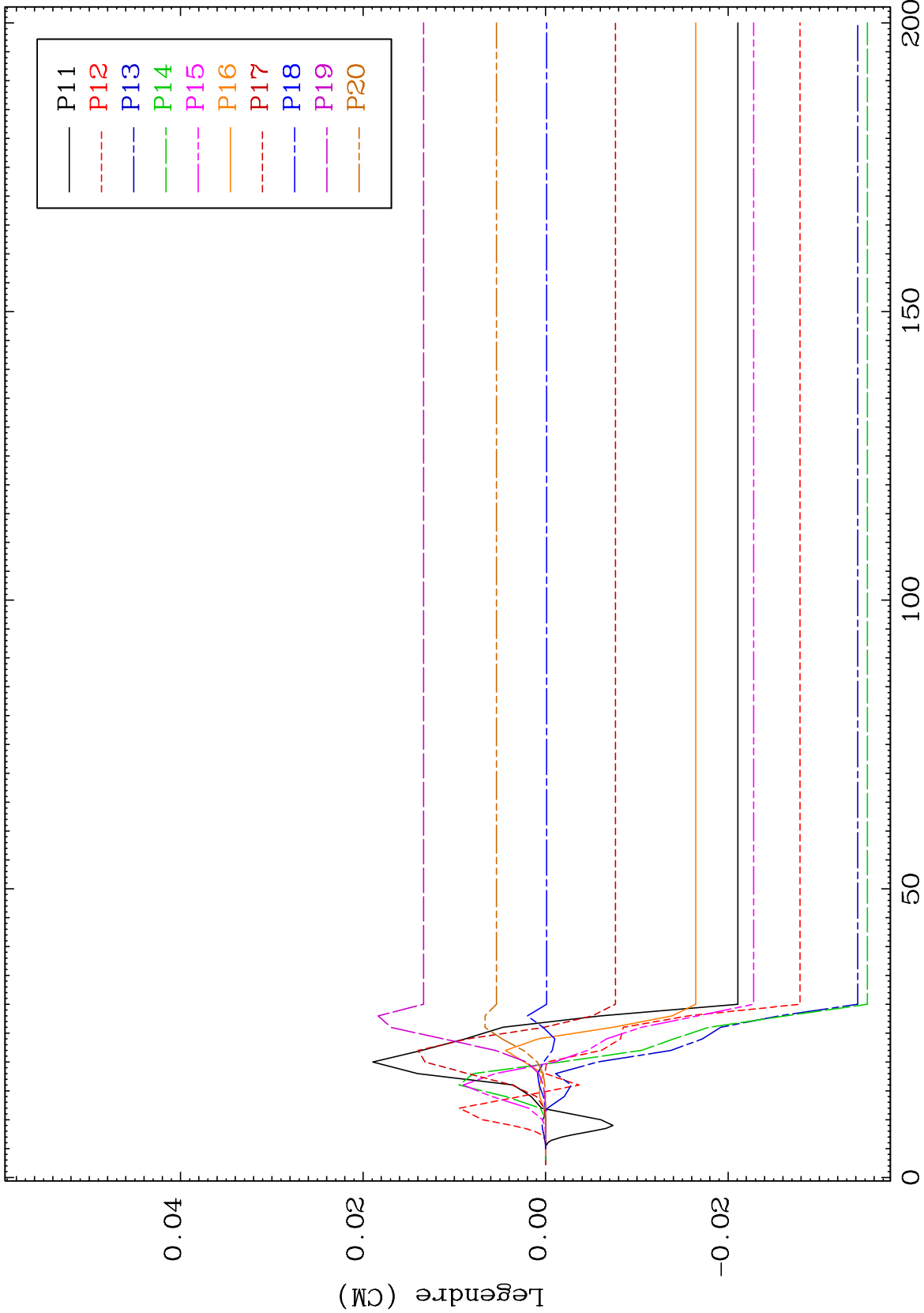
78-Pt-198



MAT 7849

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

78-Pt-198



91

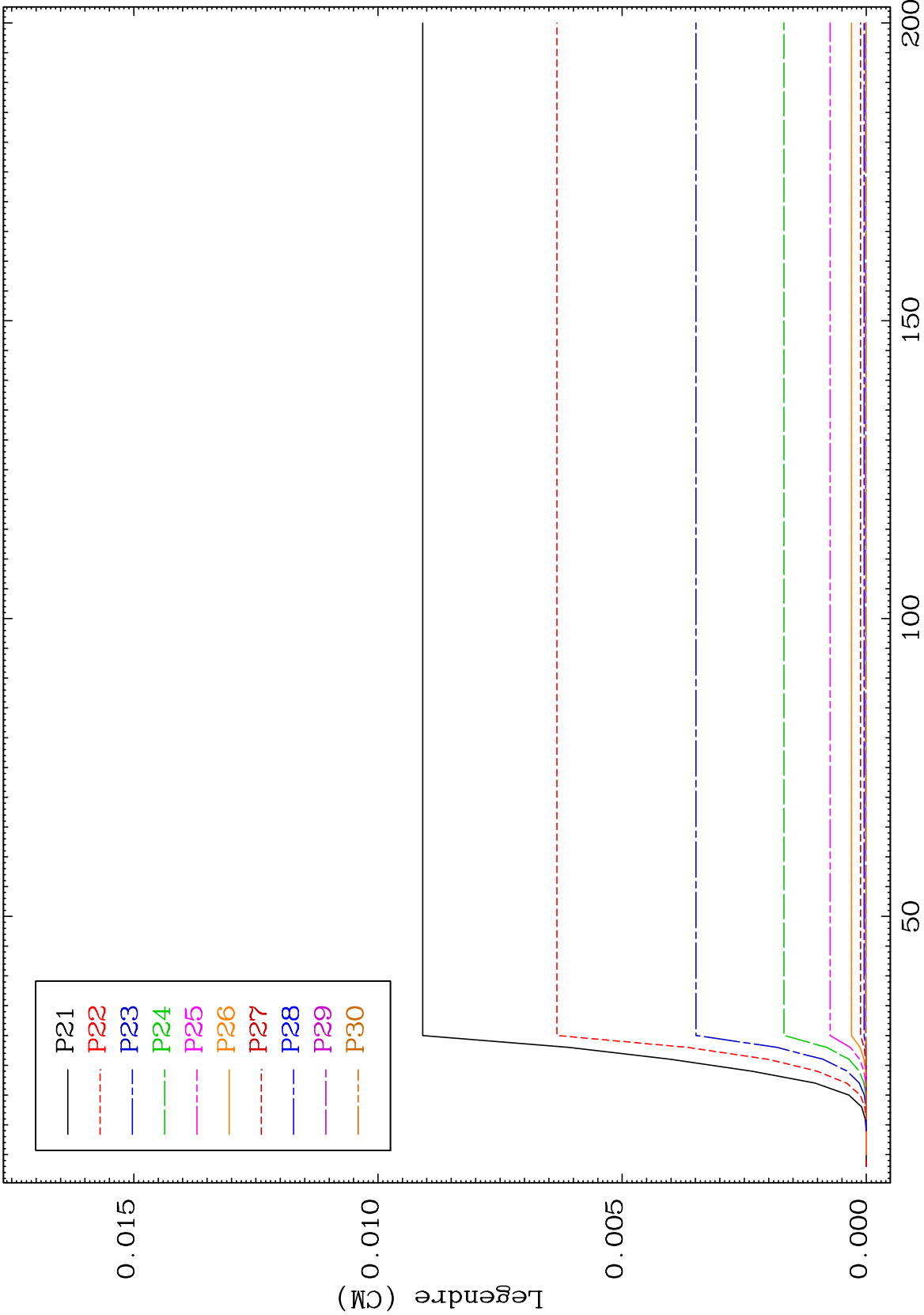
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



92

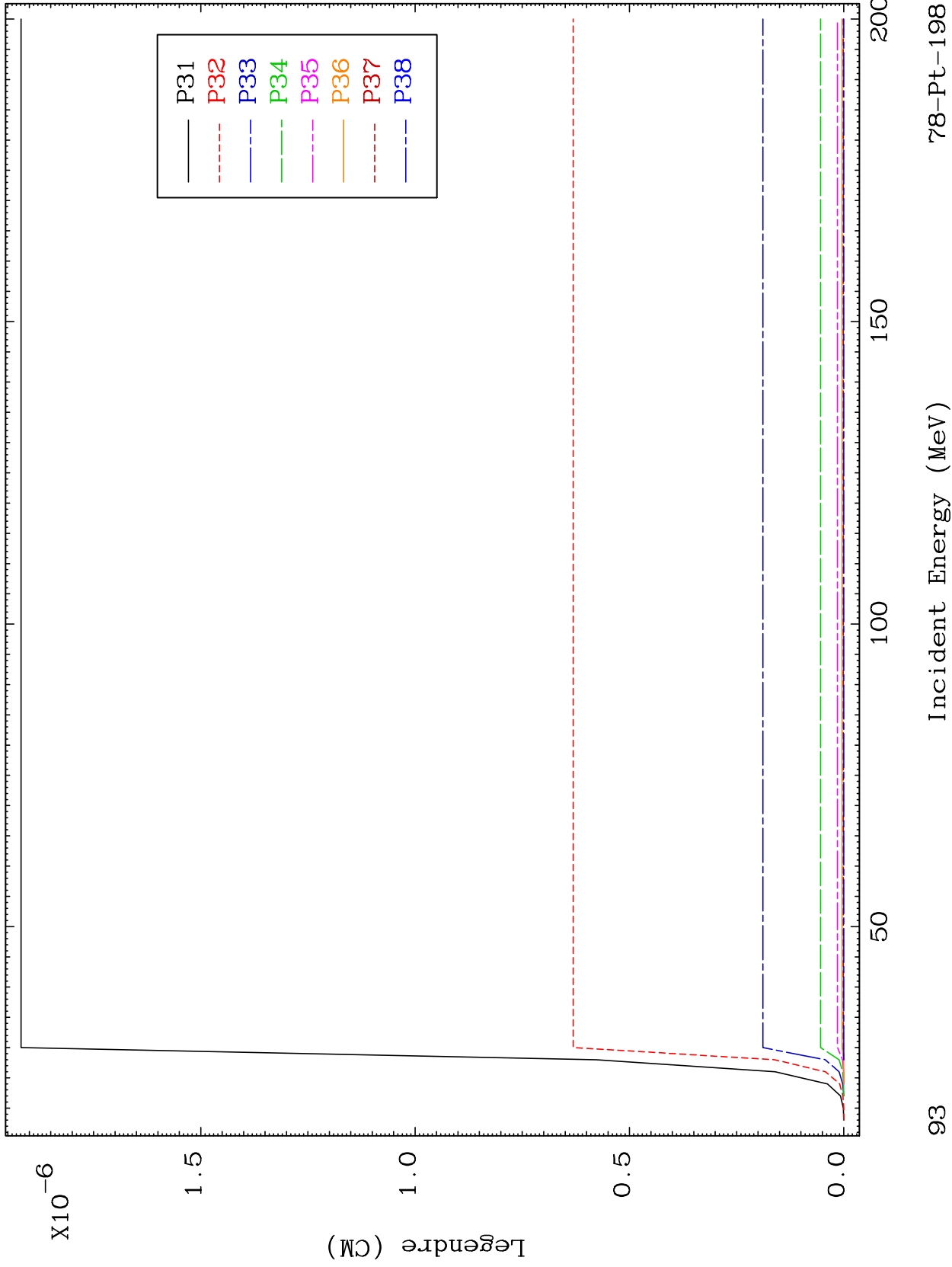
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

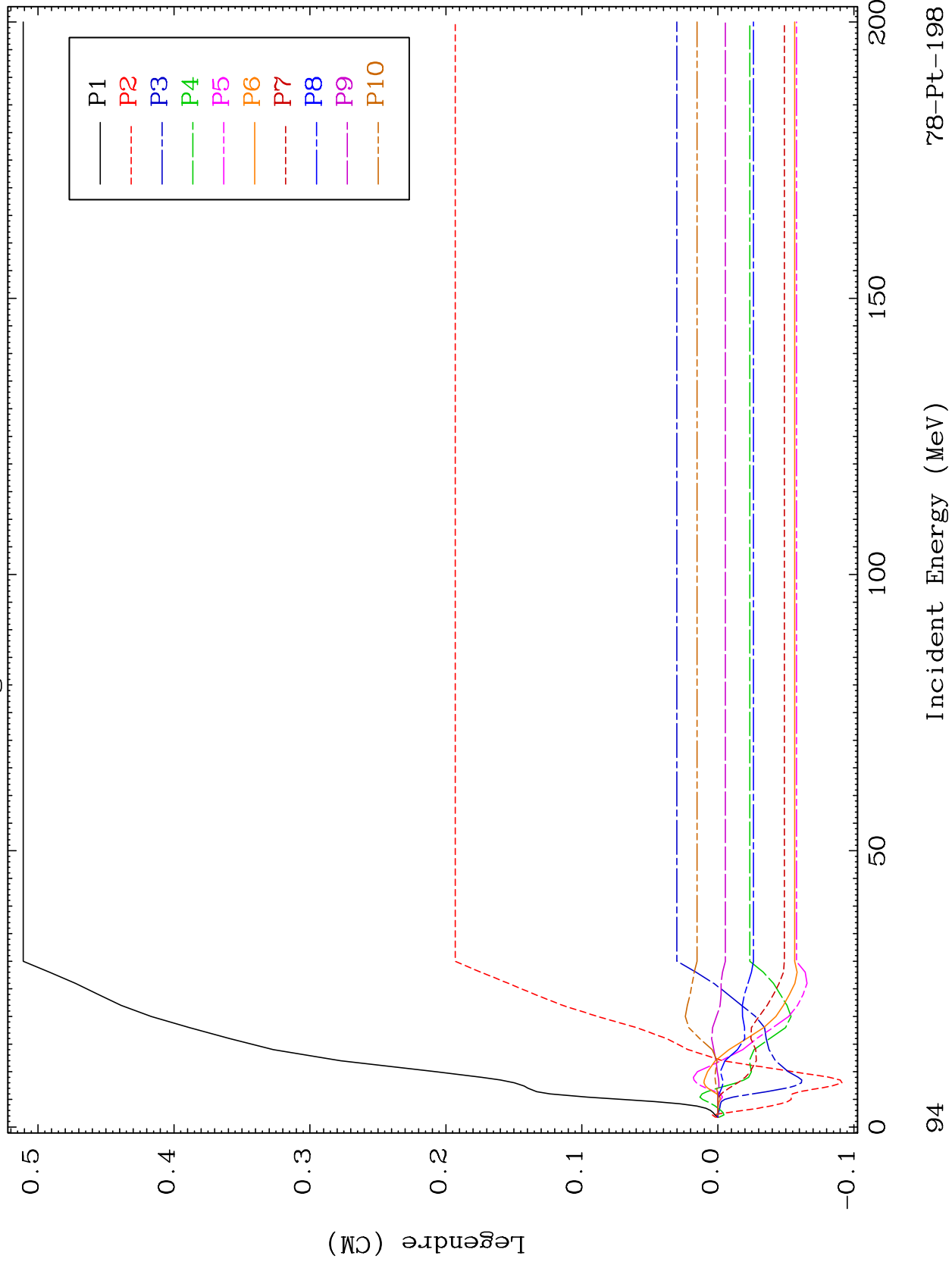
78-Pt-198



MAT 7849

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

78-Pt-198

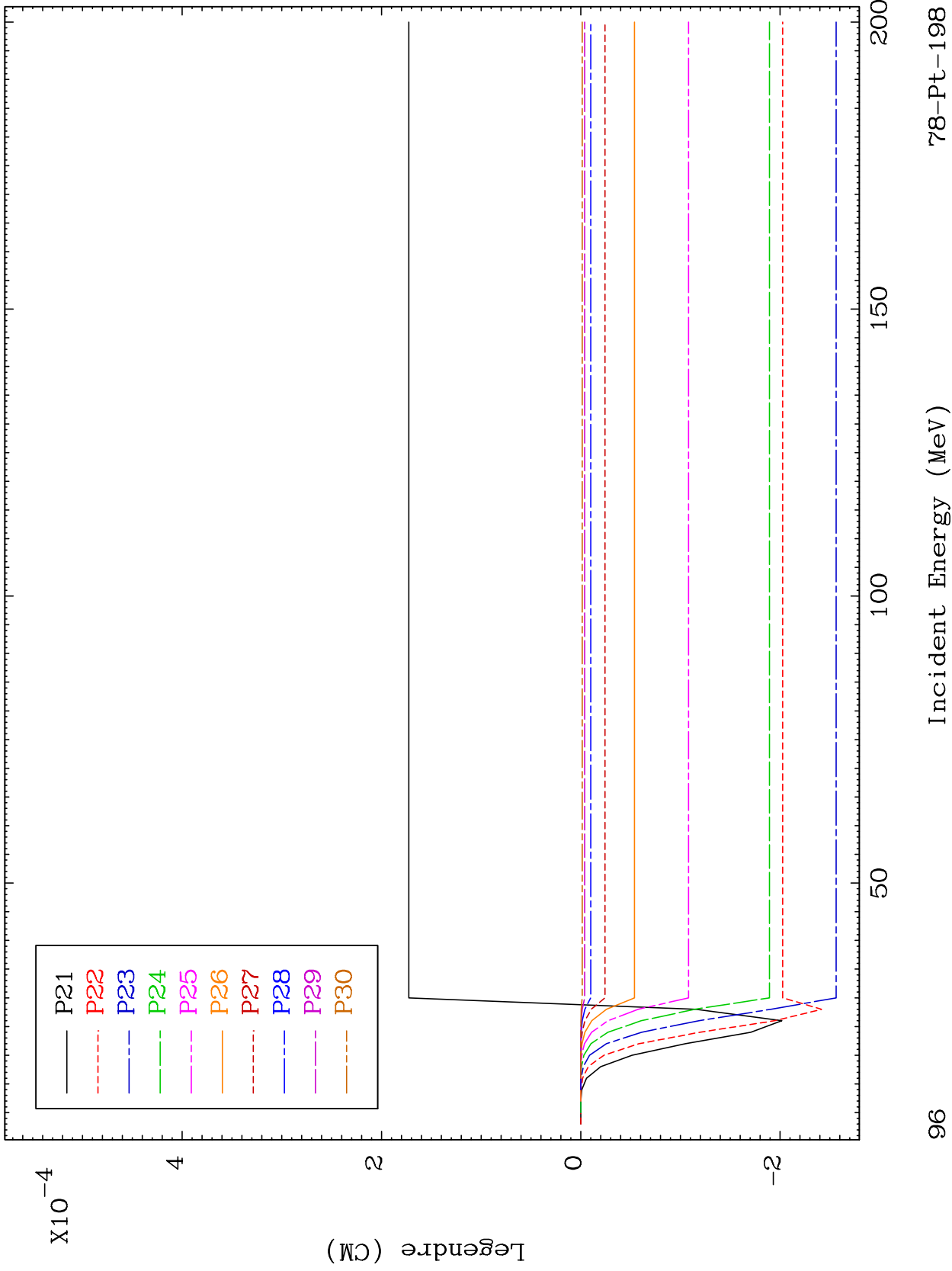


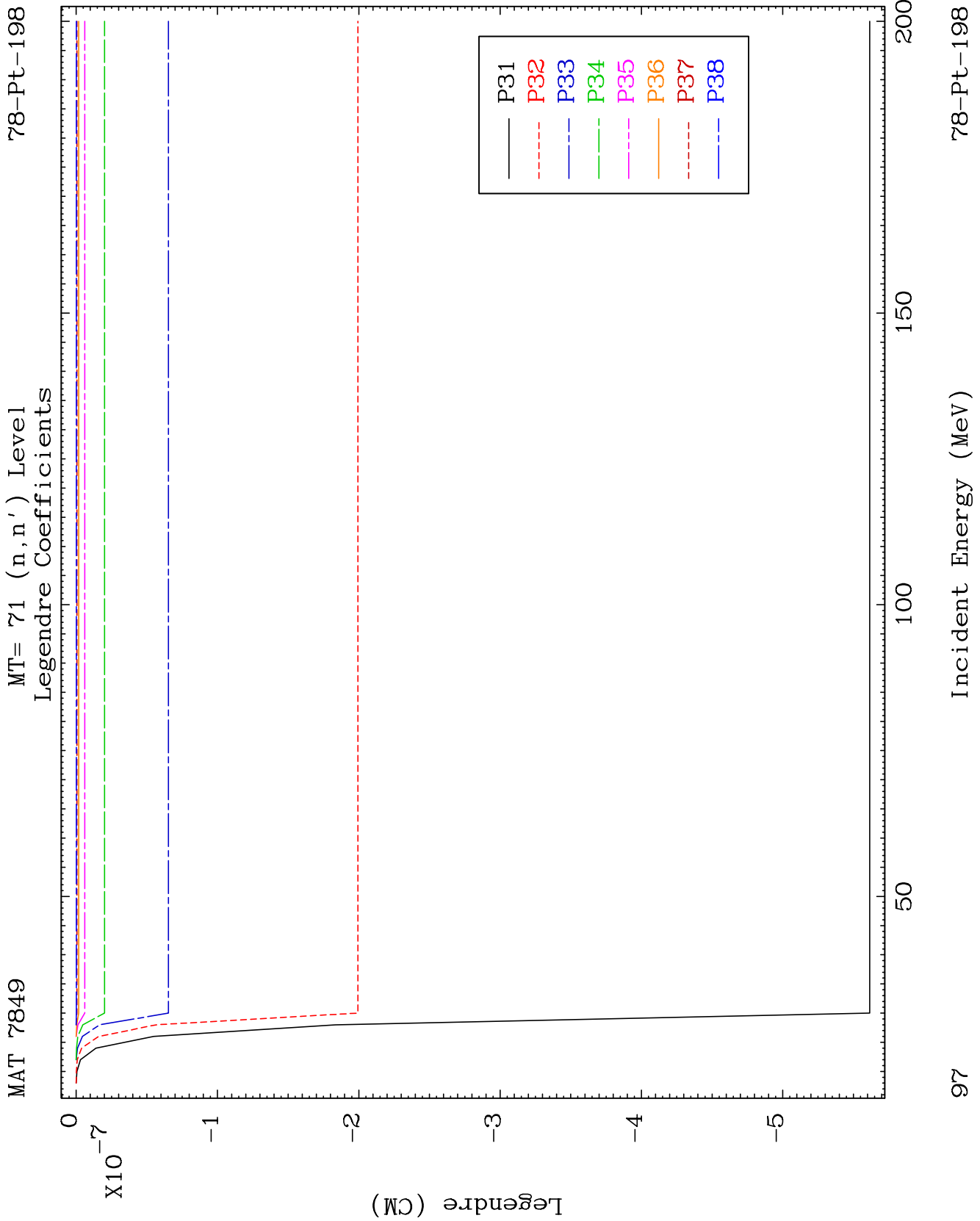
78-Pt-198

Incident Energy (MeV)

94



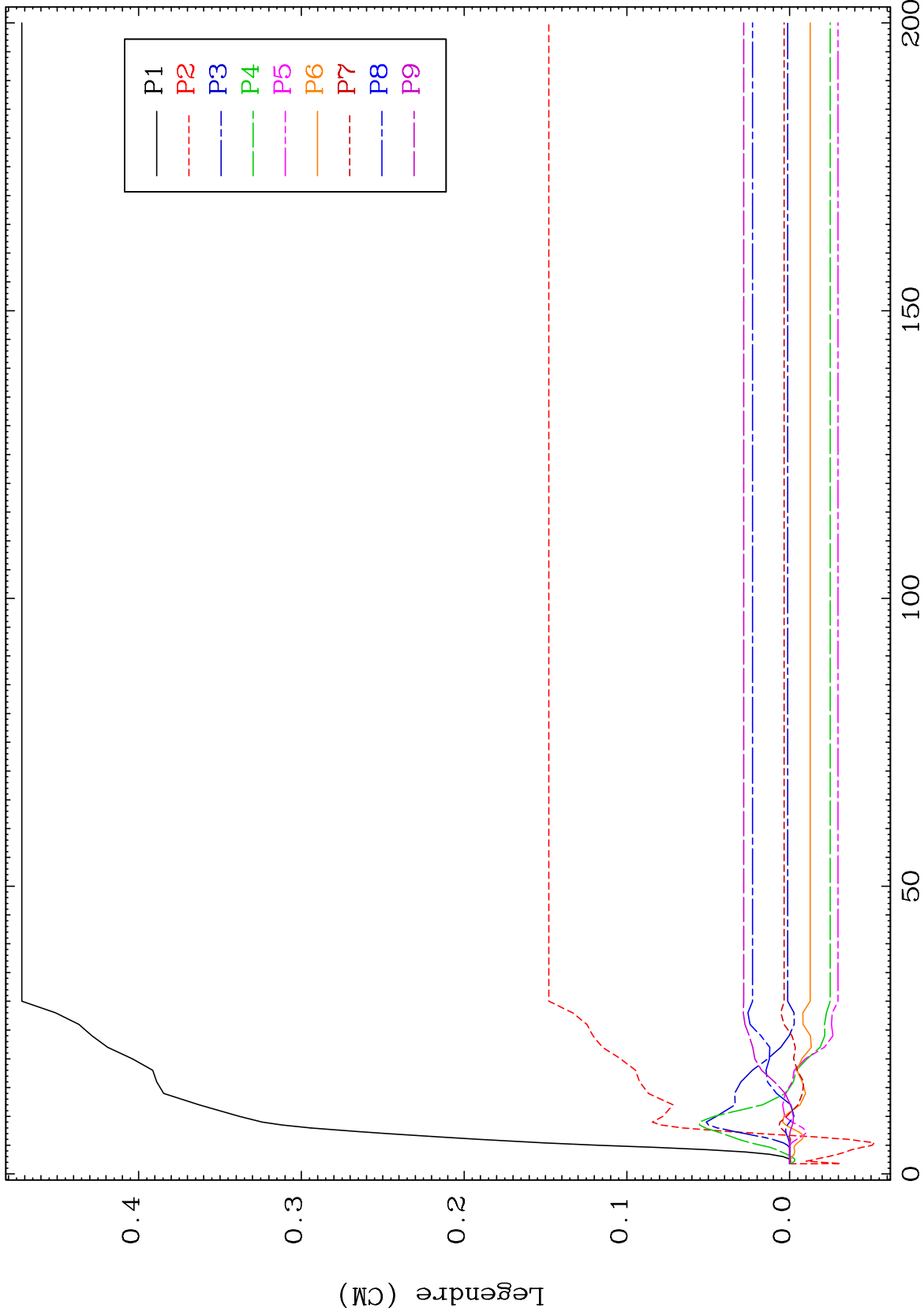




MAT 7849

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

78-Pt-198



78-Pt-198

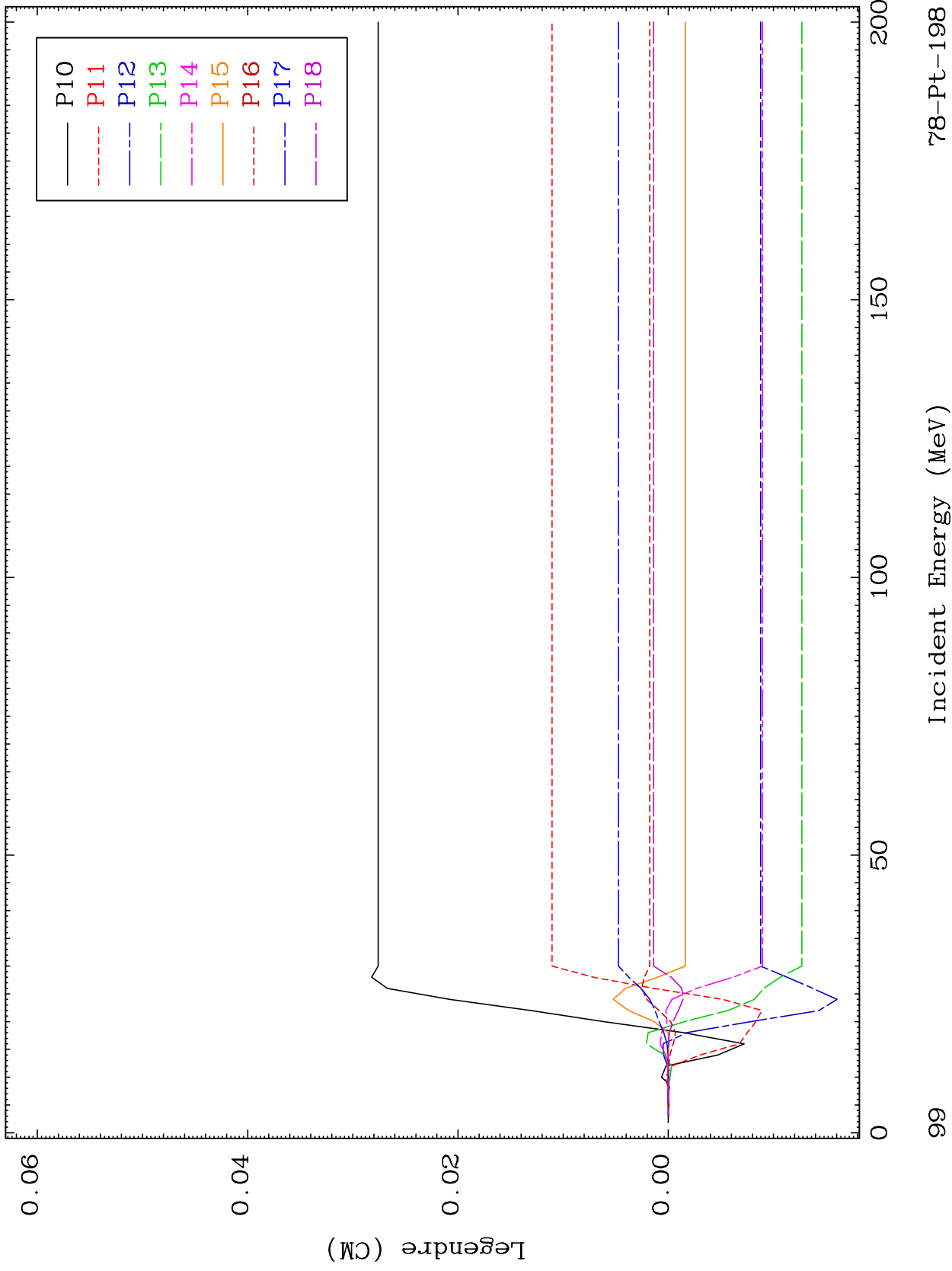
Incident Energy (MeV)

98

MAT 7849

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

78-Pt-198



78-Pt-198

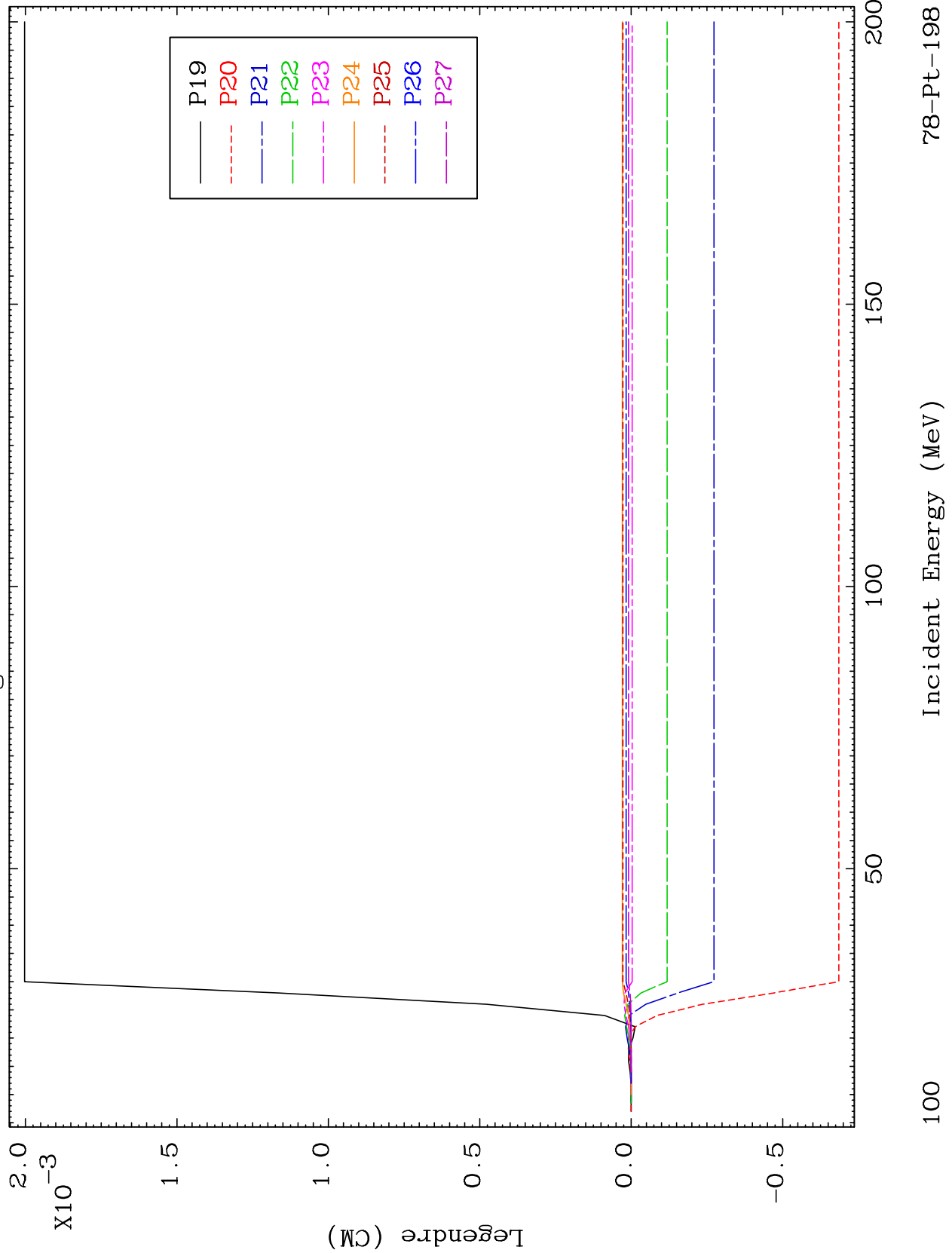
Incident Energy (MeV)

99

MAT 7849

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

78-Pt-198



78-Pt-198

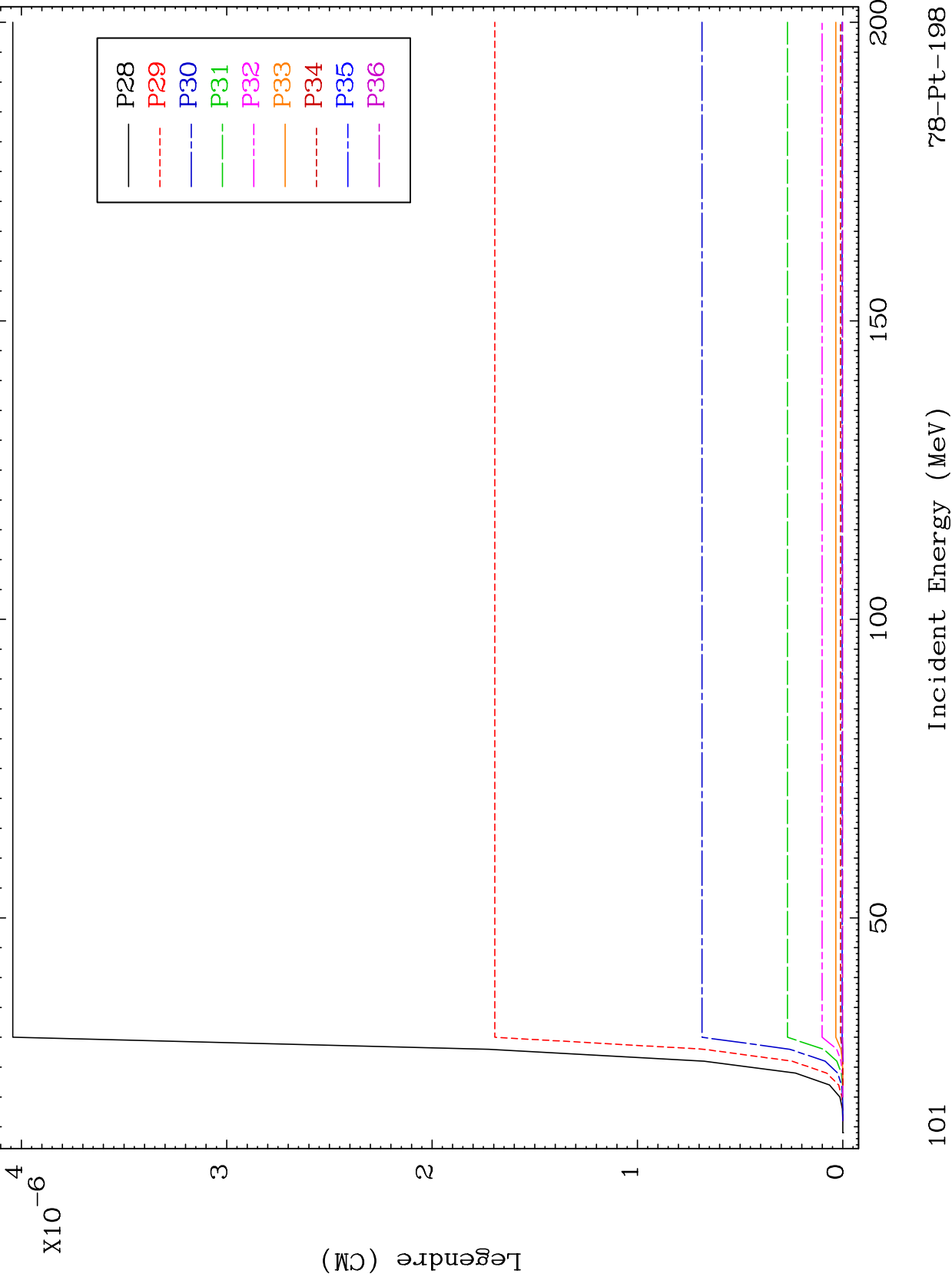
Incident Energy (MeV)

100

MAT 7849

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

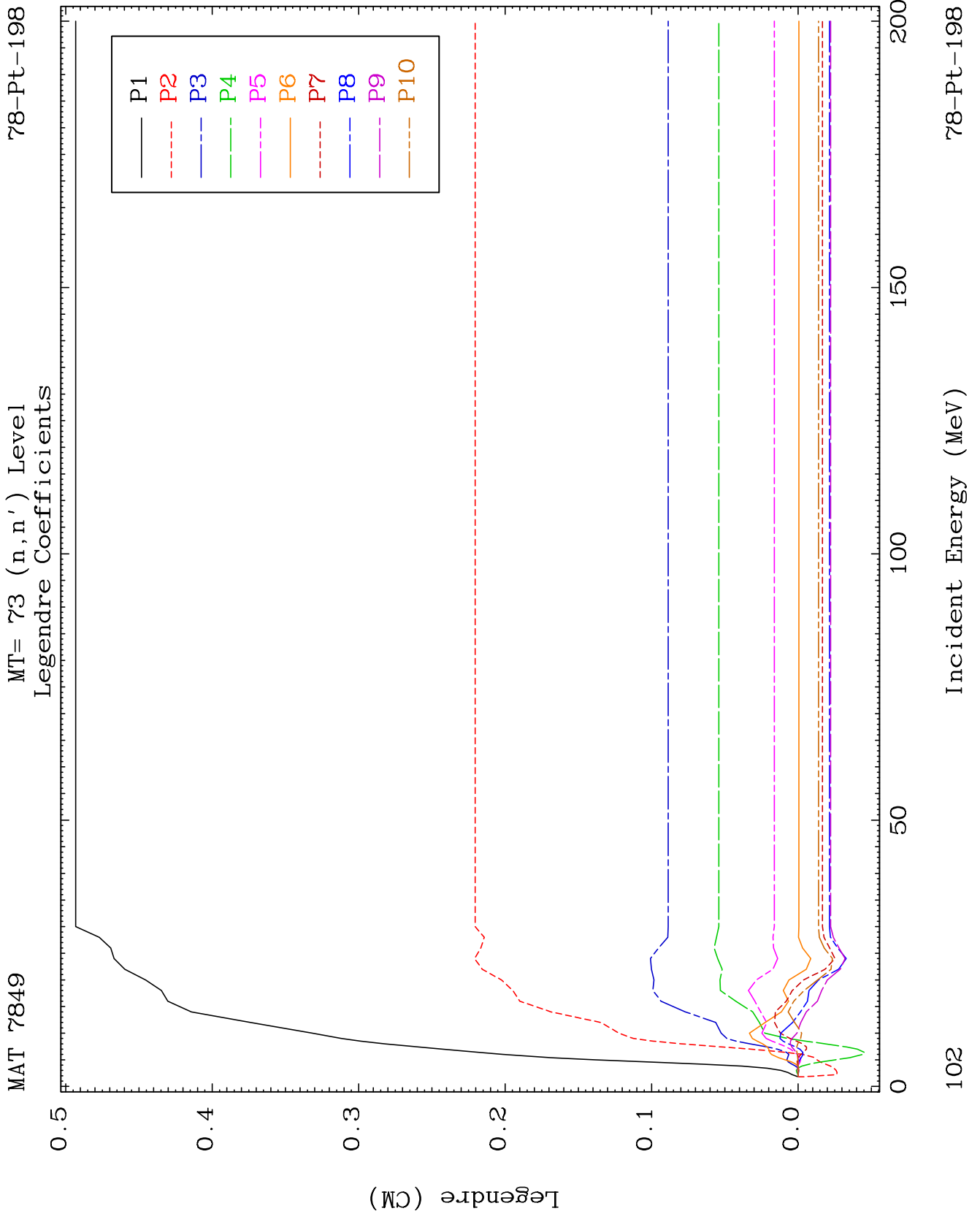
78-Pt-198



101

Incident Energy (MeV)

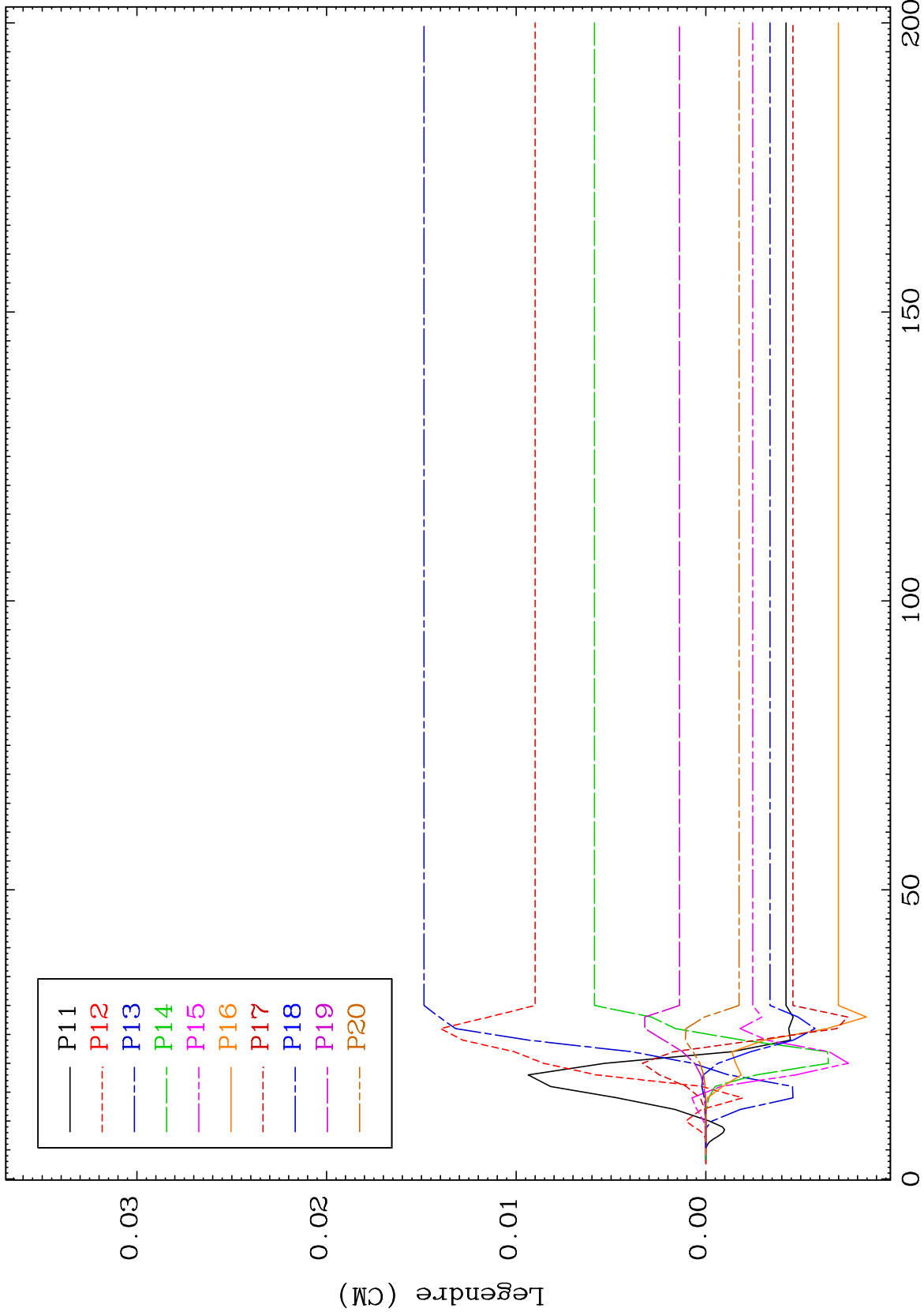
78-Pt-198



MAT 7849

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

78-Pt-198



103

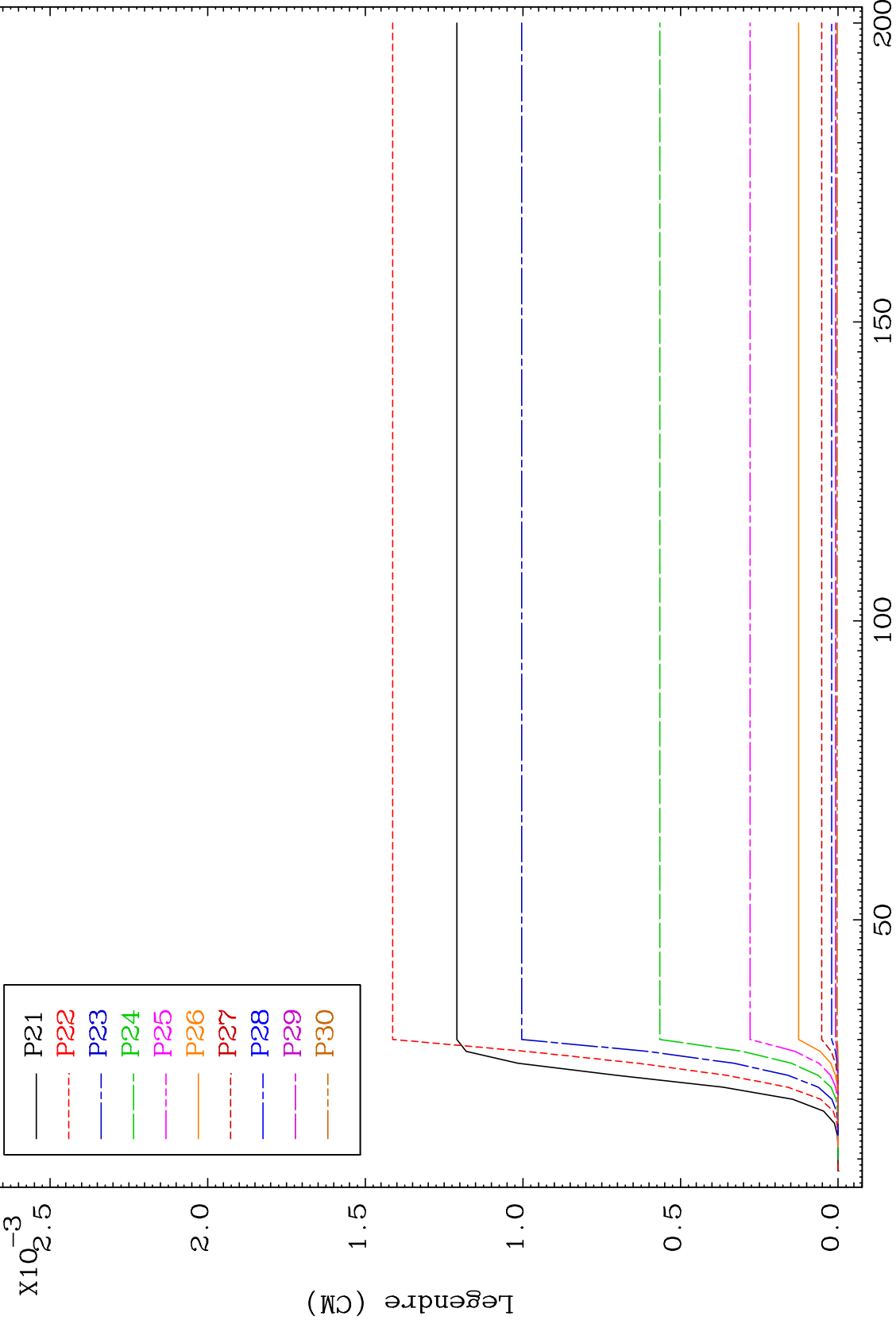
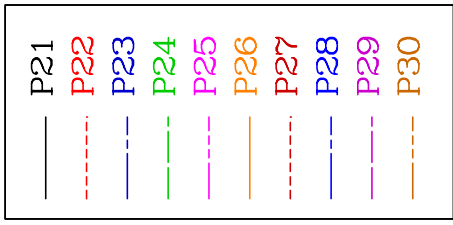
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



104

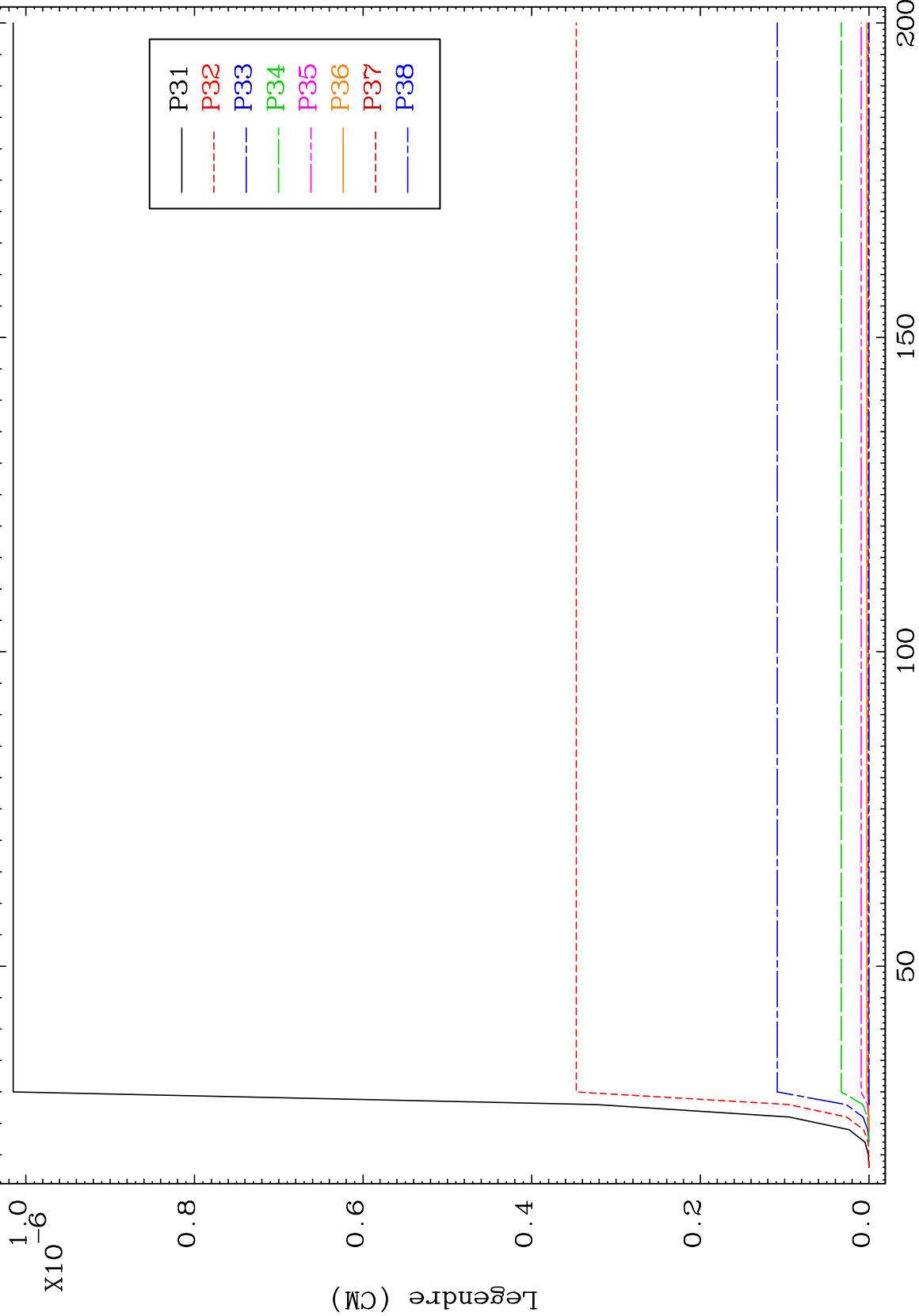
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



105

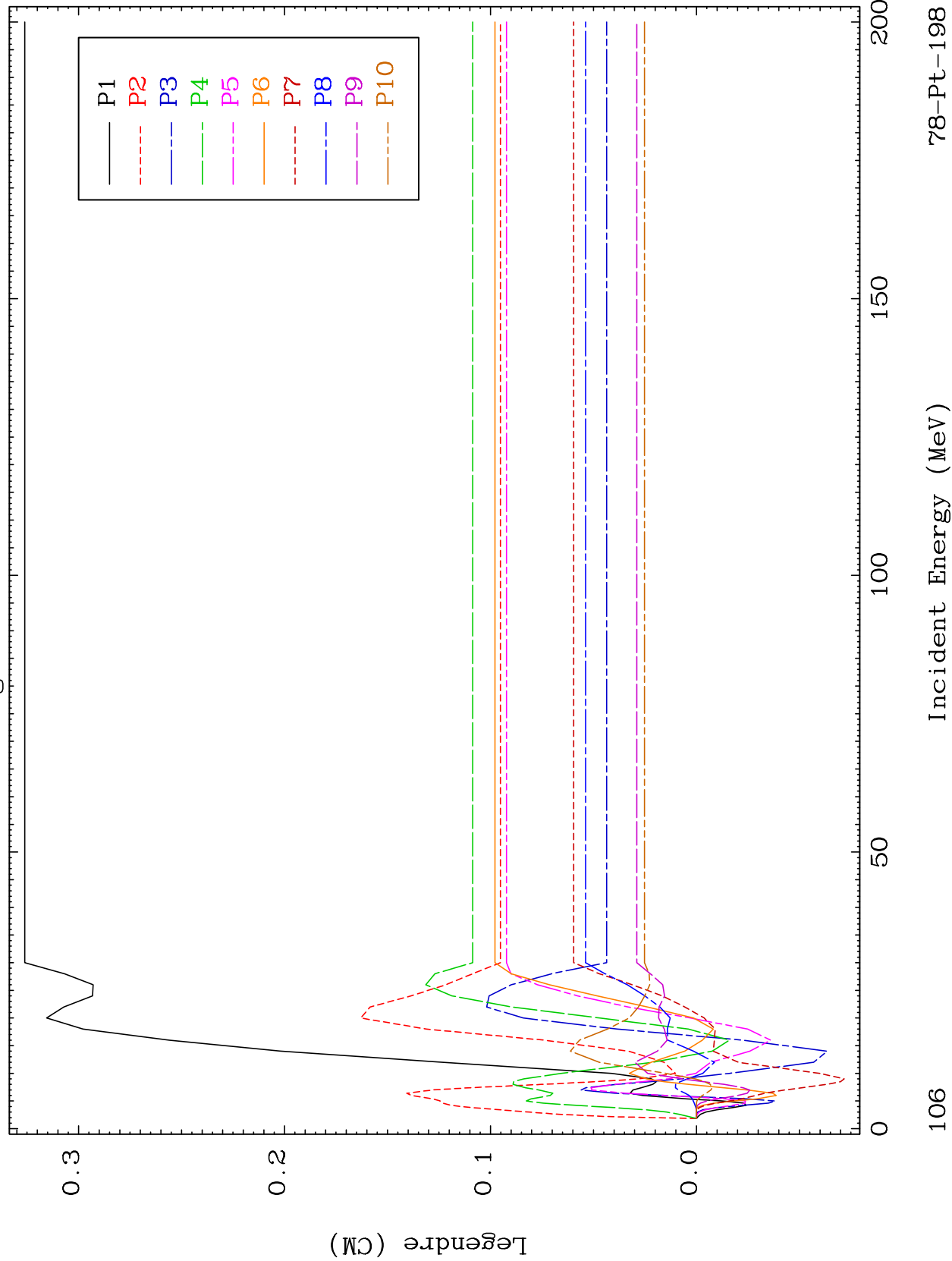
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

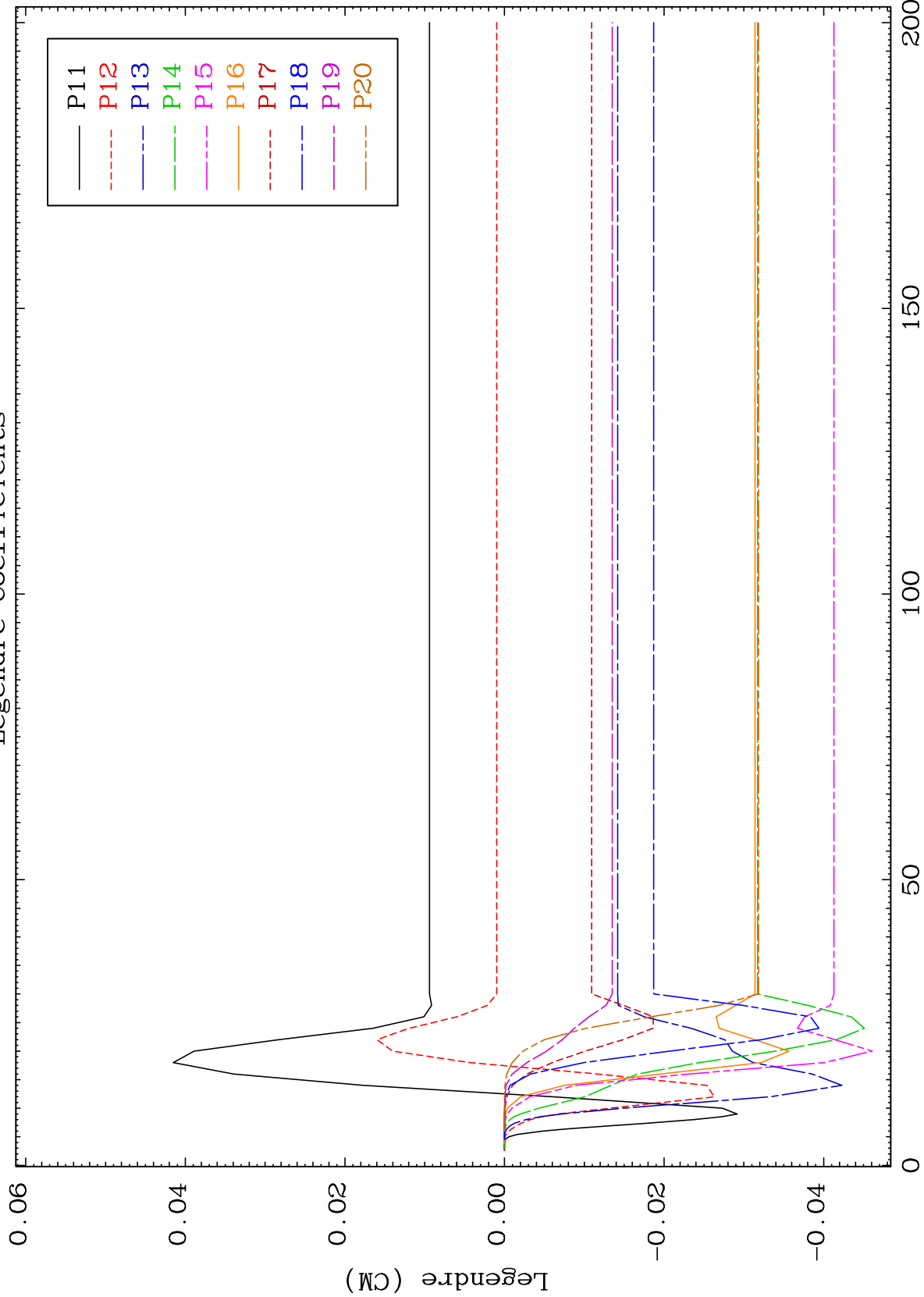
Incident Energy (MeV)

106

MAT 7849

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

78-Pt-198



107

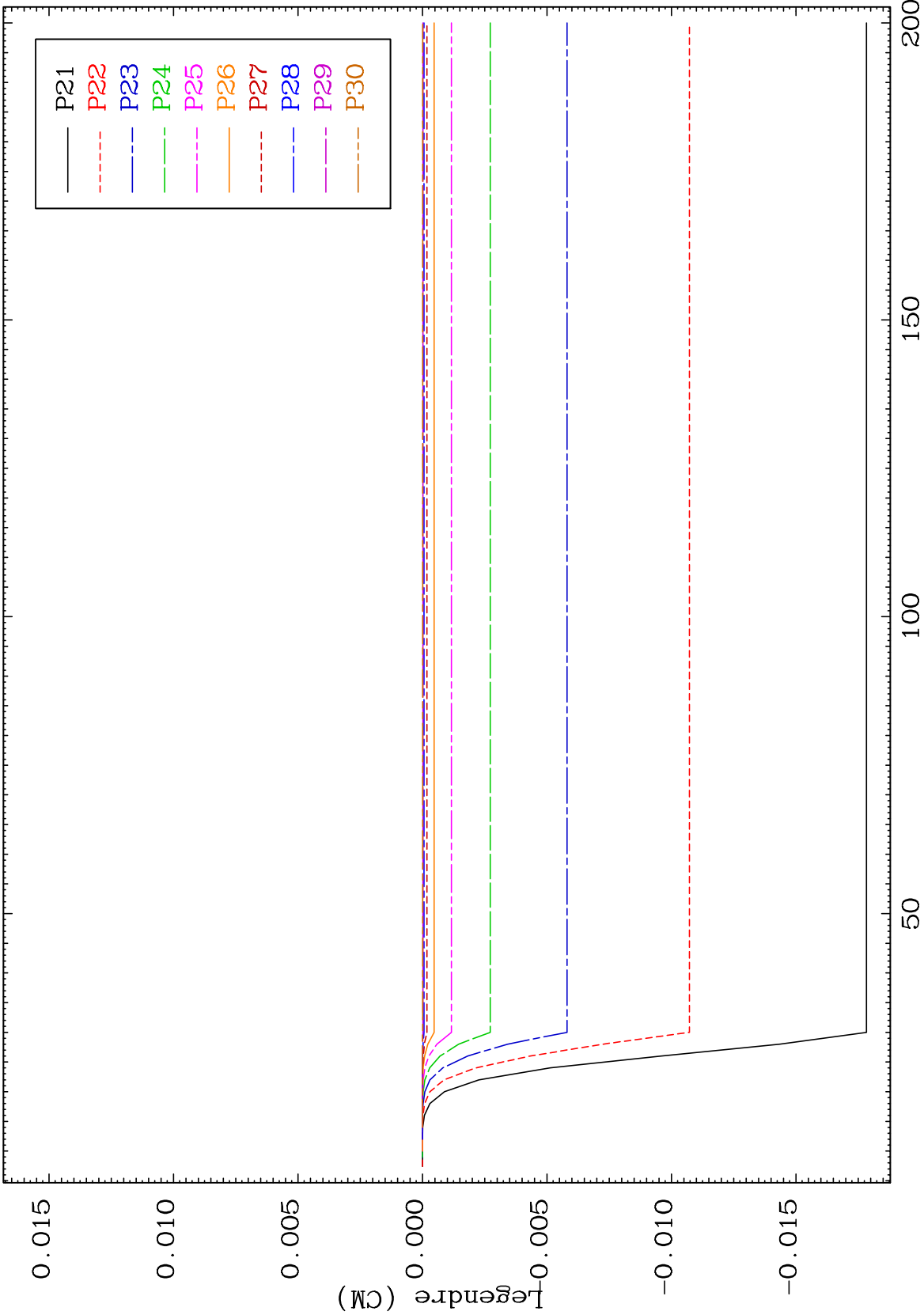
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

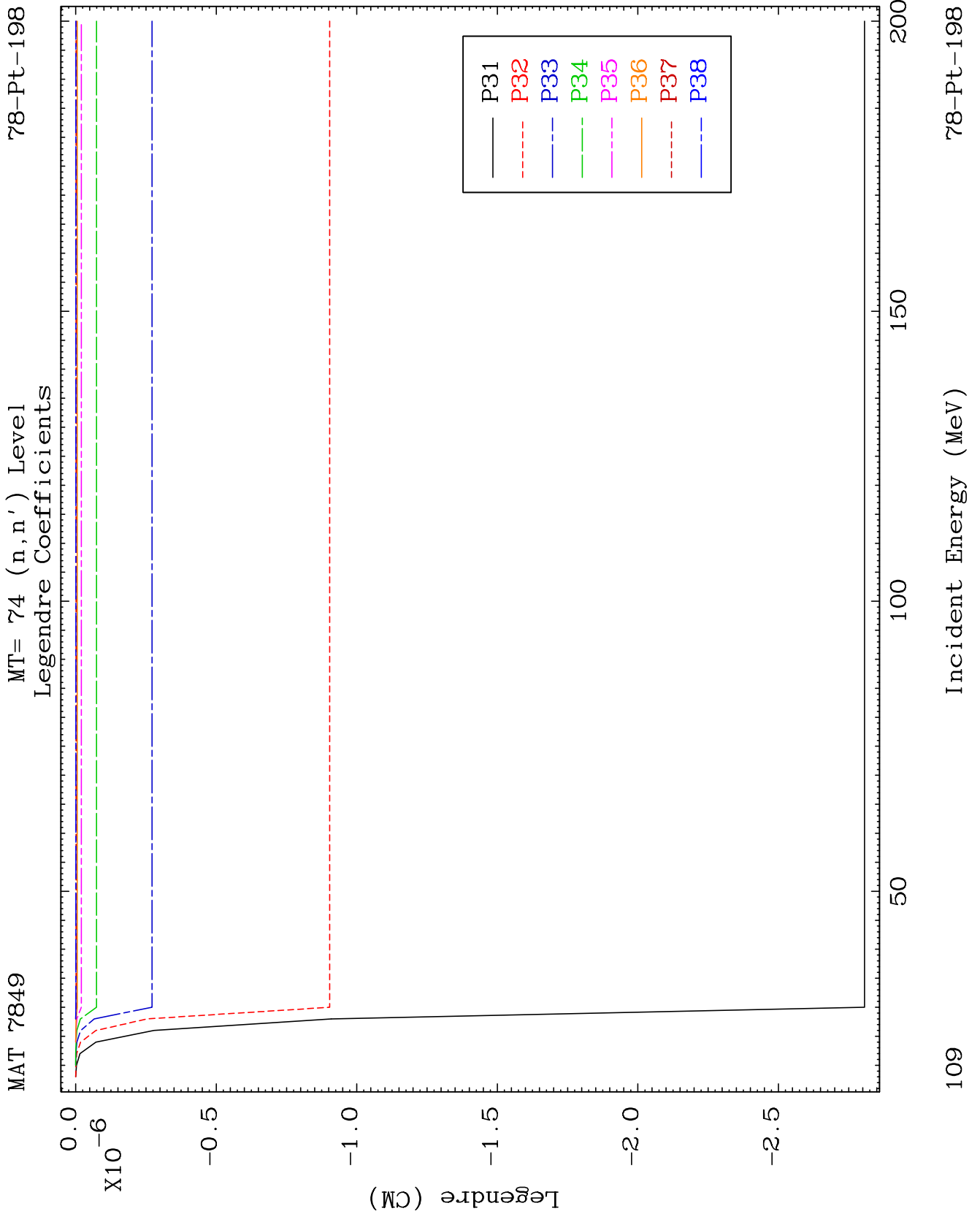
78-Pt-198



108

Incident Energy (MeV)

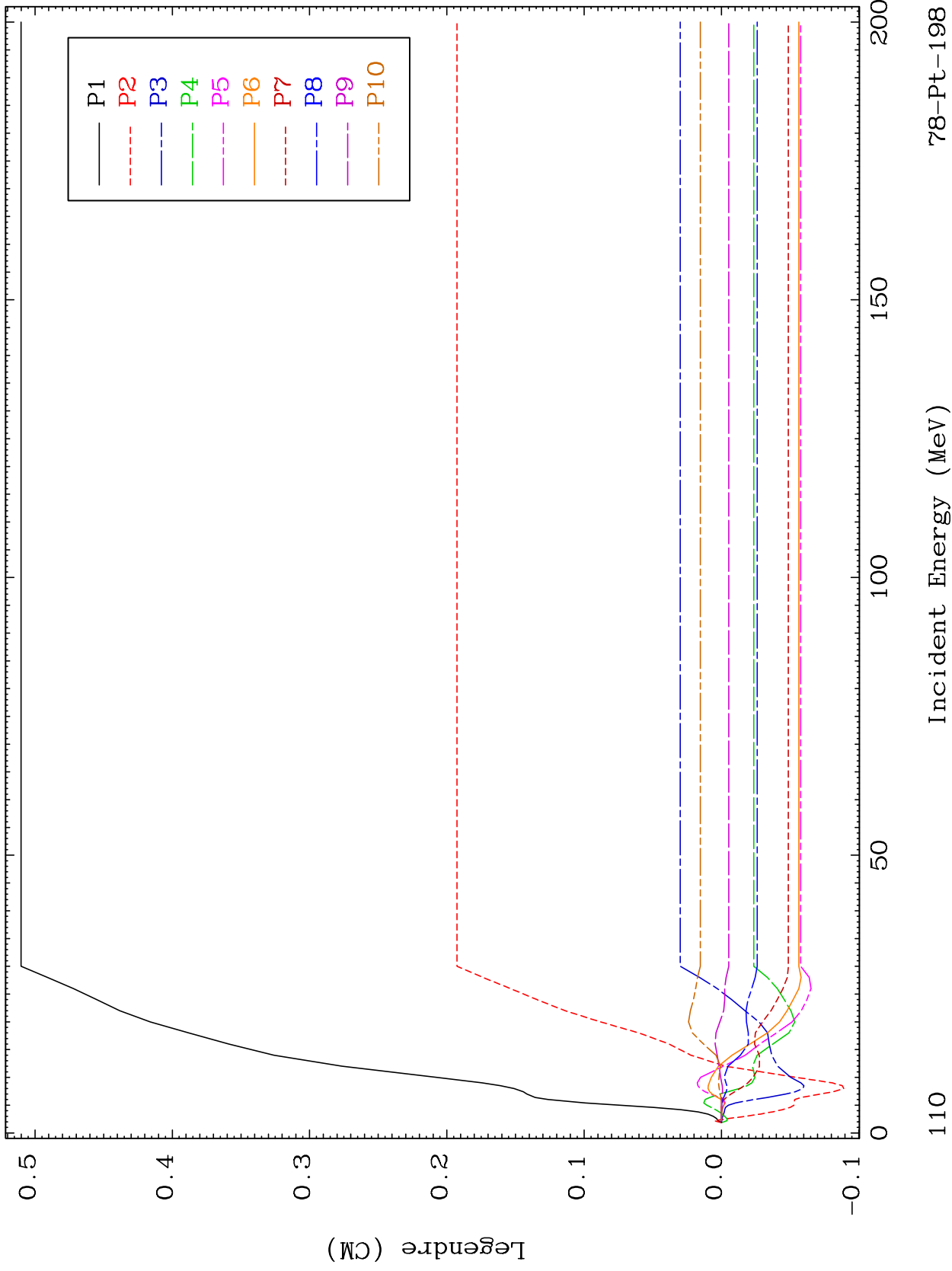
78-Pt-198



MAT 7849

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

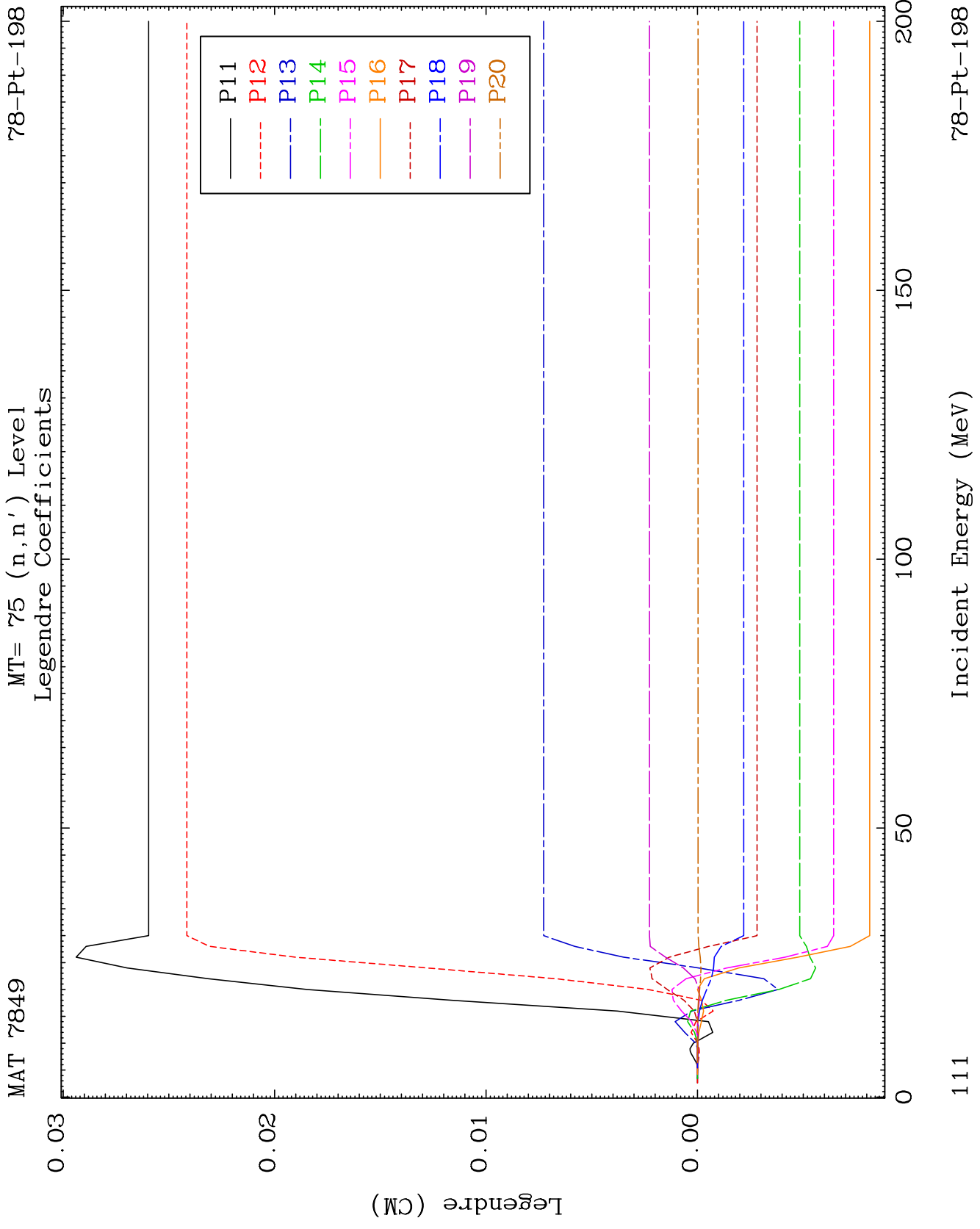
78-Pt-198



78-Pt-198

Incident Energy (MeV)

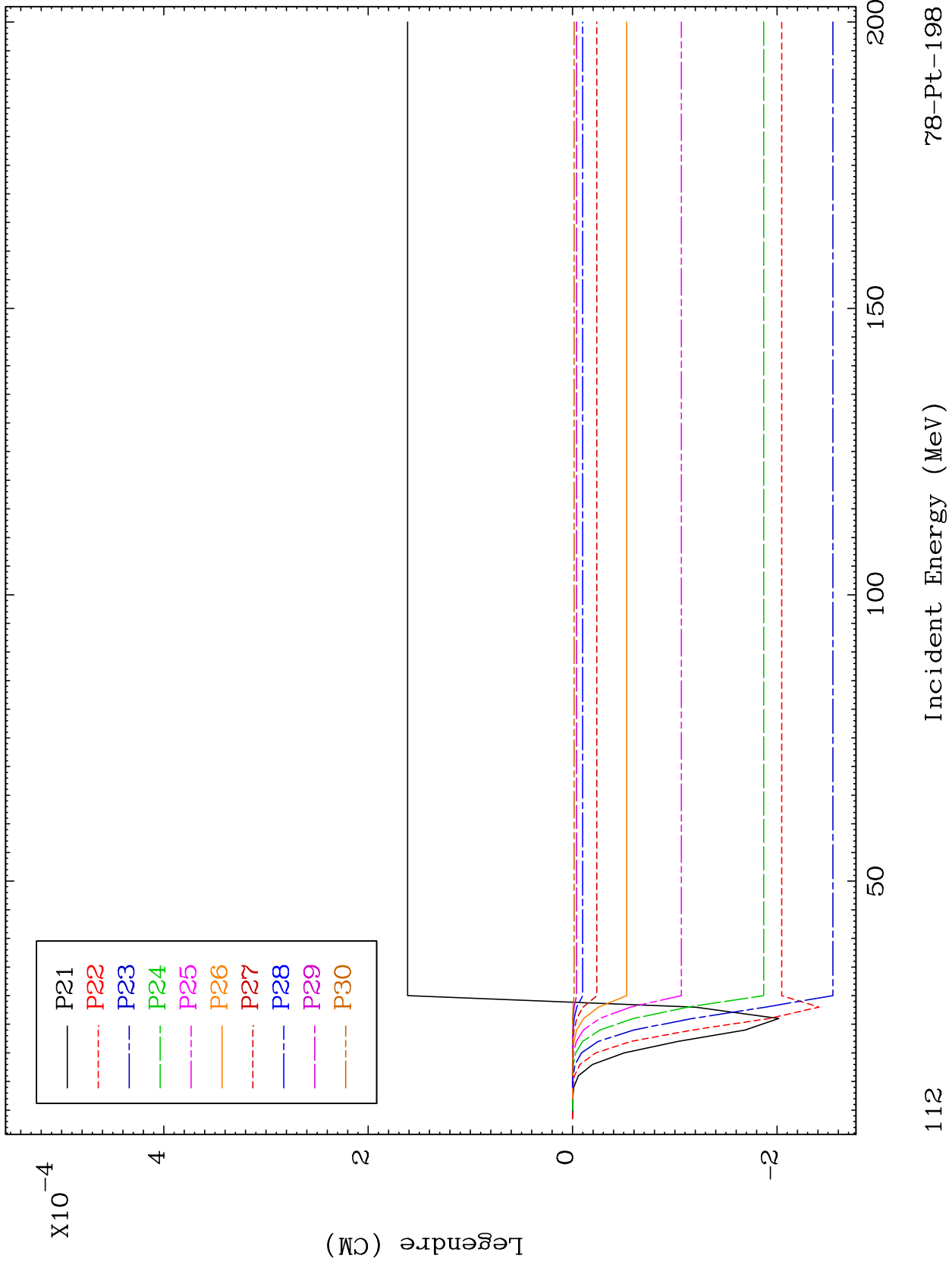
110



MAT 7849

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

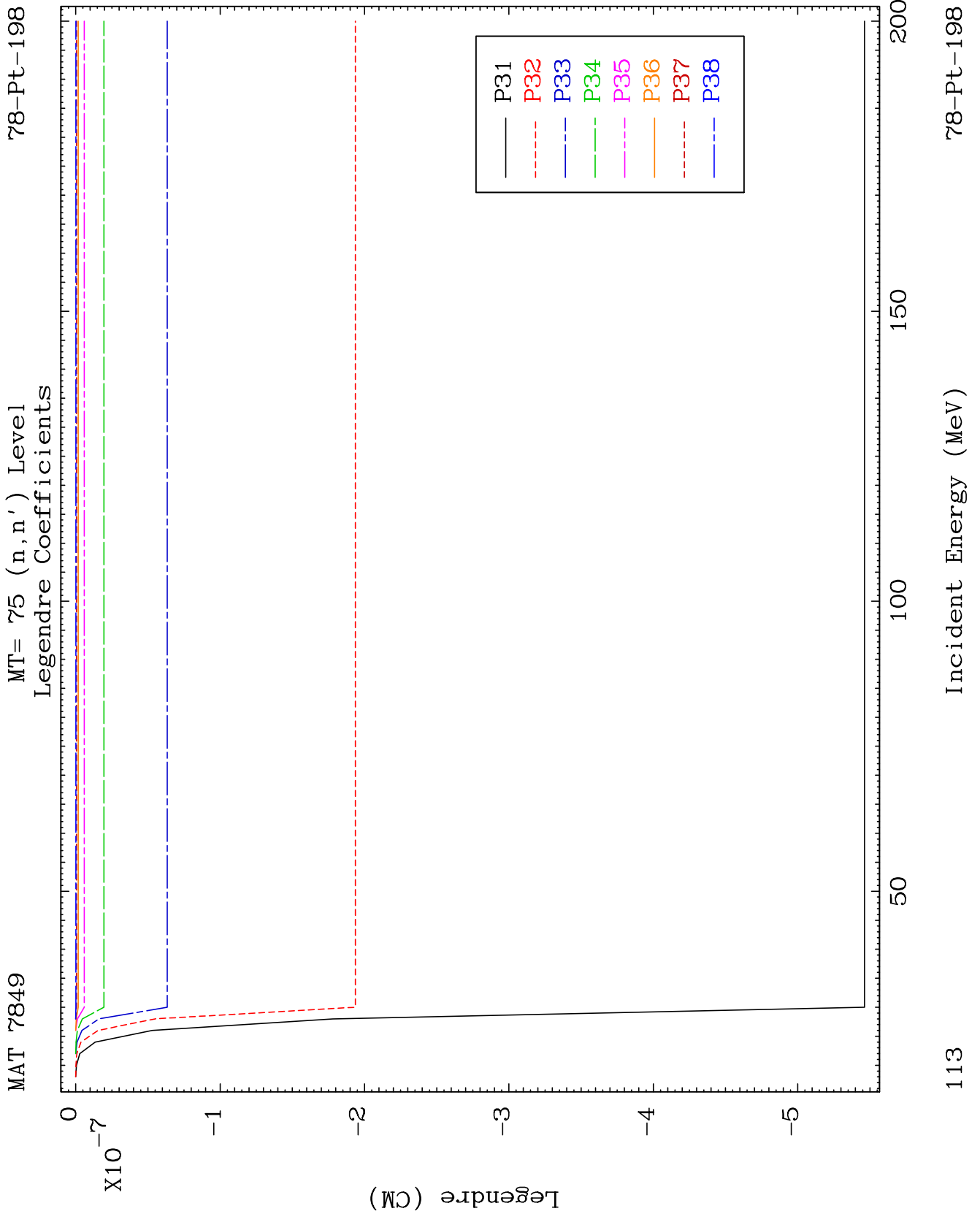
78-Pt-198



112

Incident Energy (MeV)

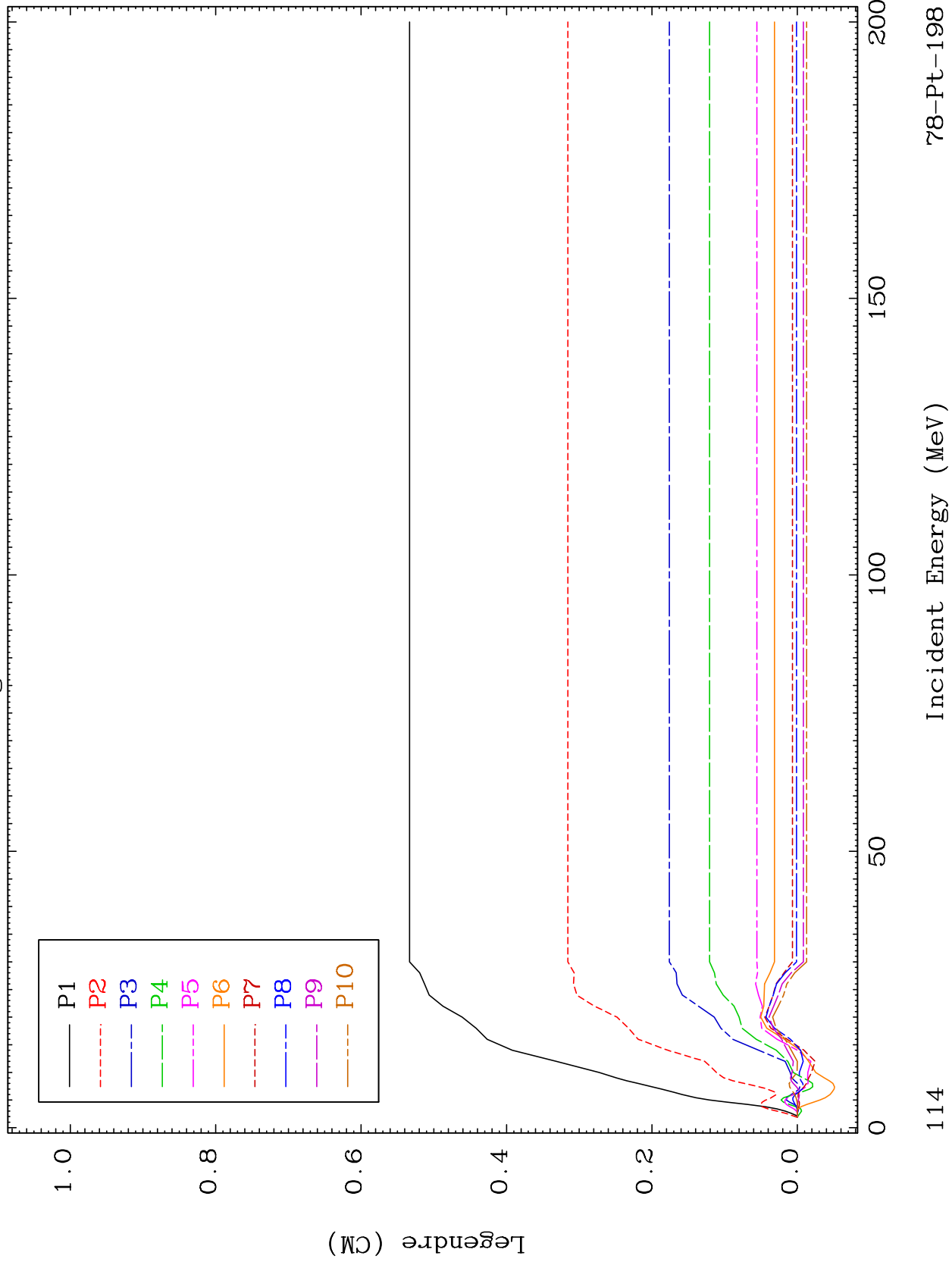
78-Pt-198



MAT 7849

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

78-Pt-198



114

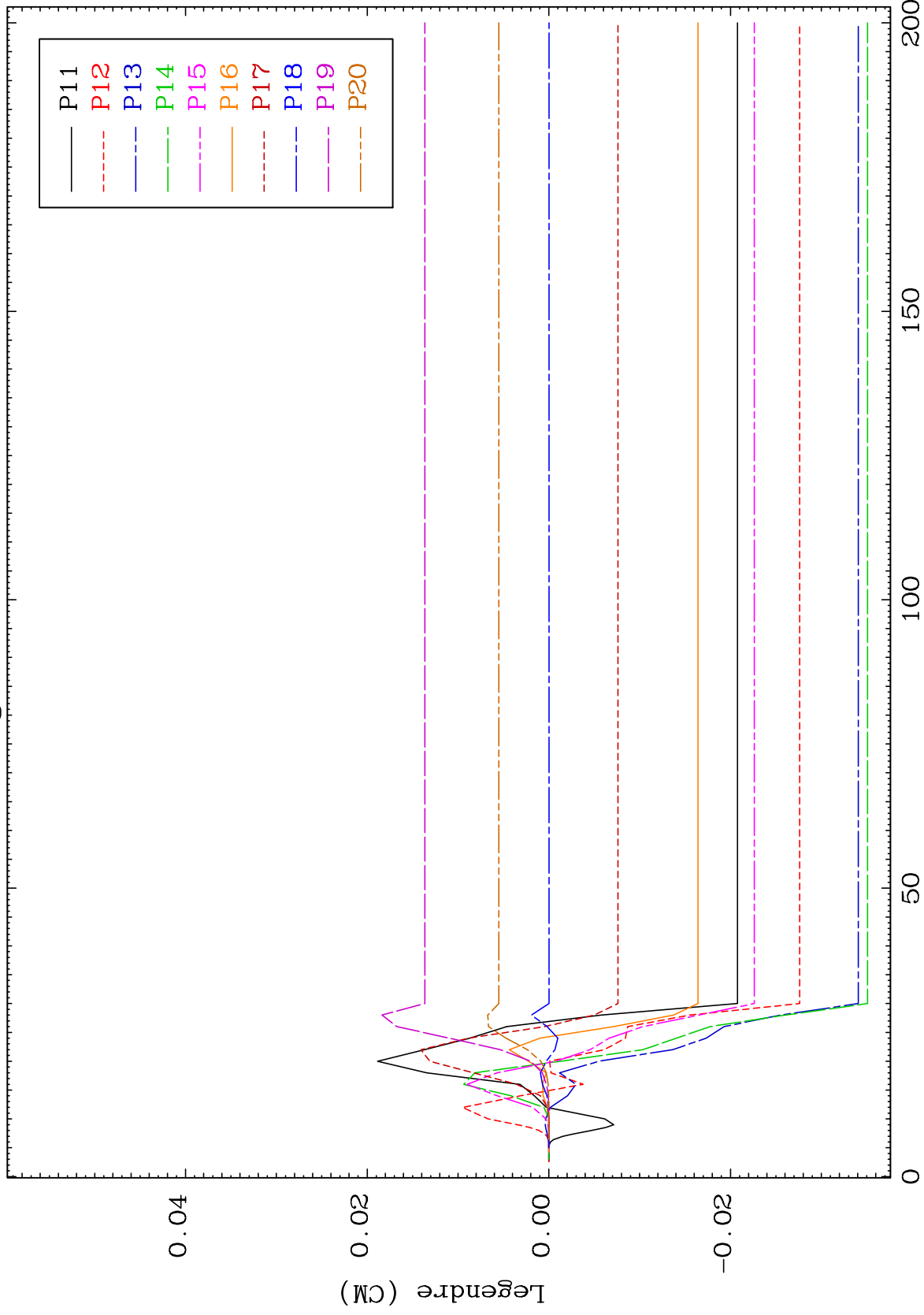
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



115

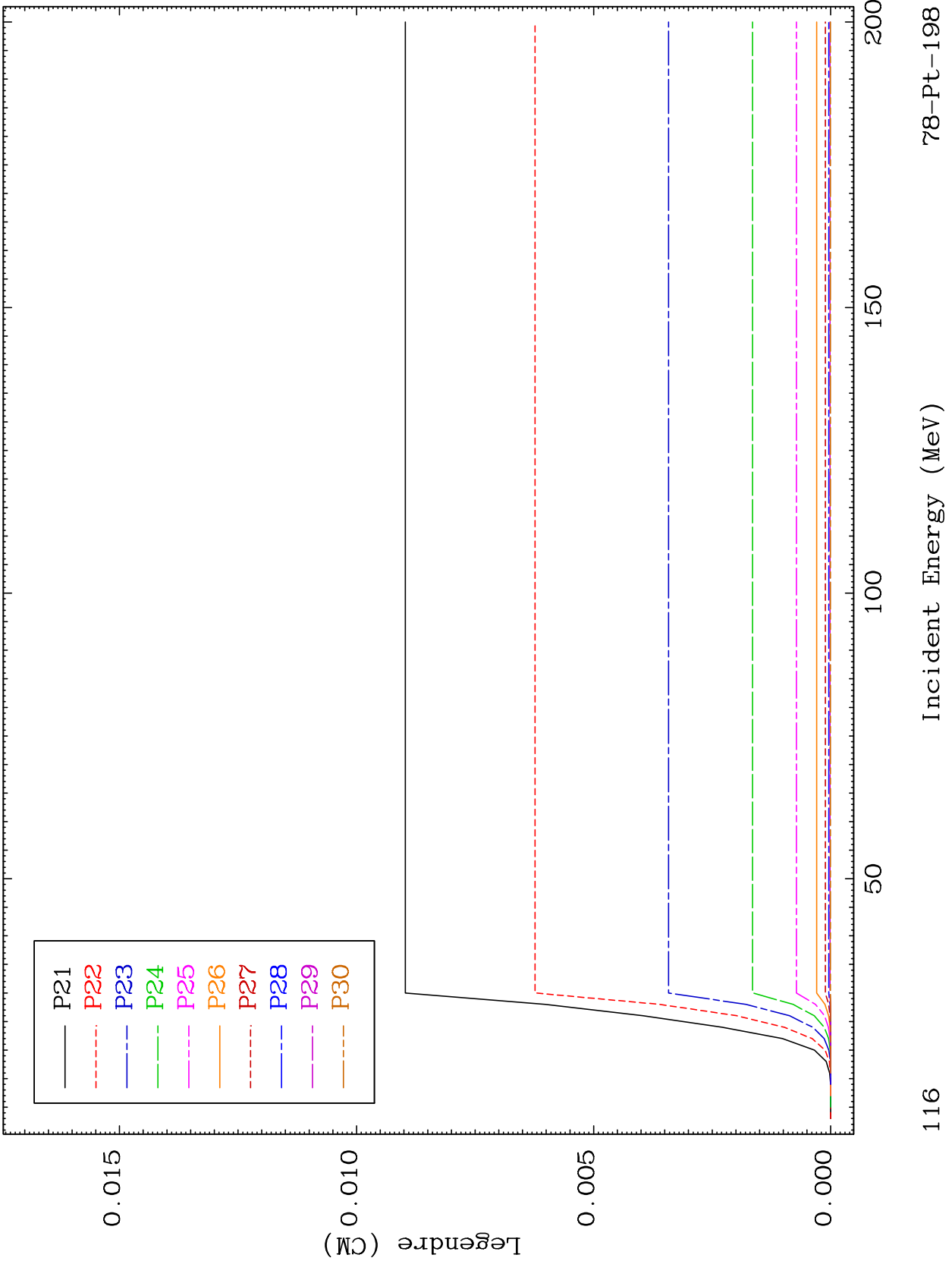
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



116

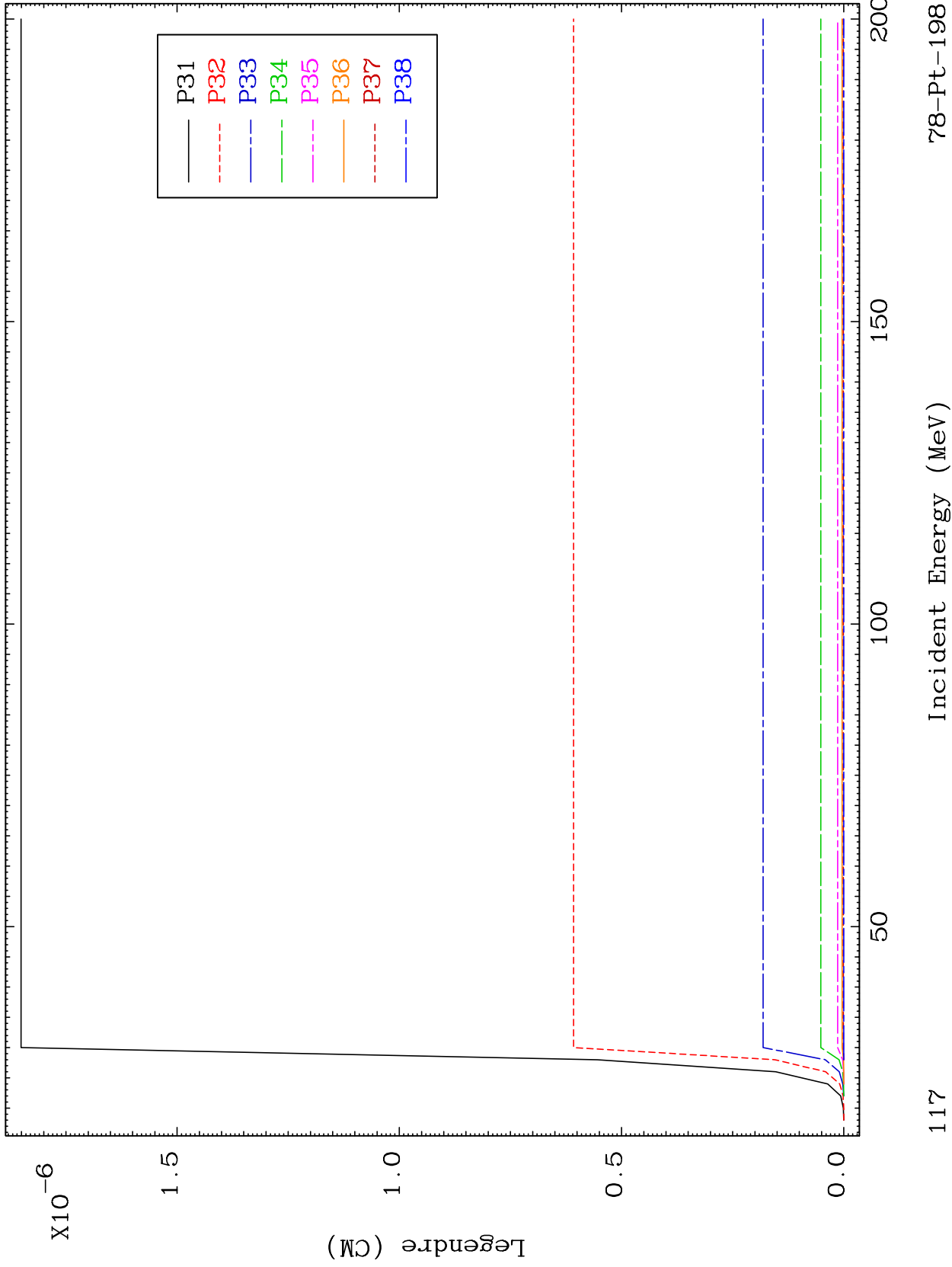
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

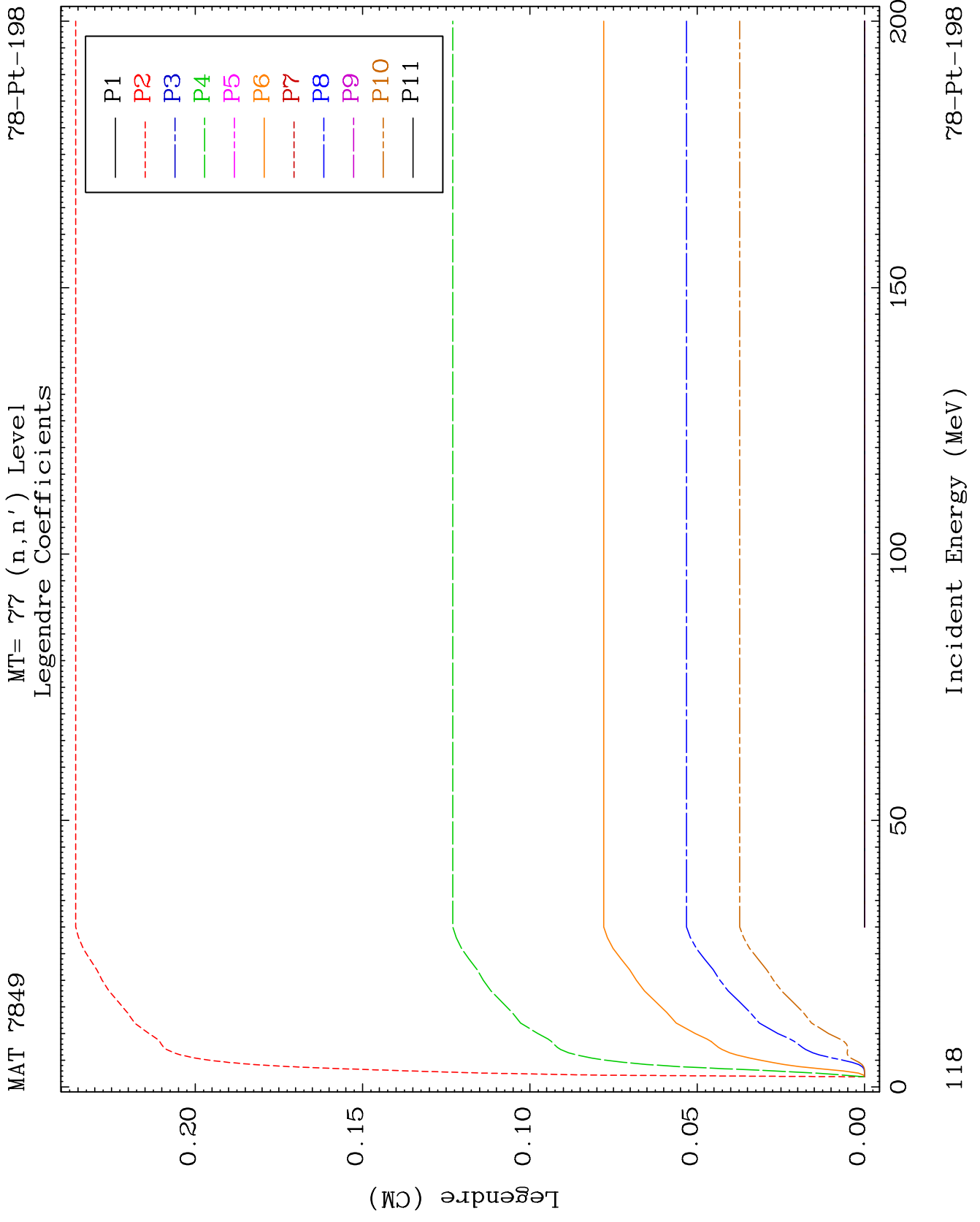
78-Pt-198

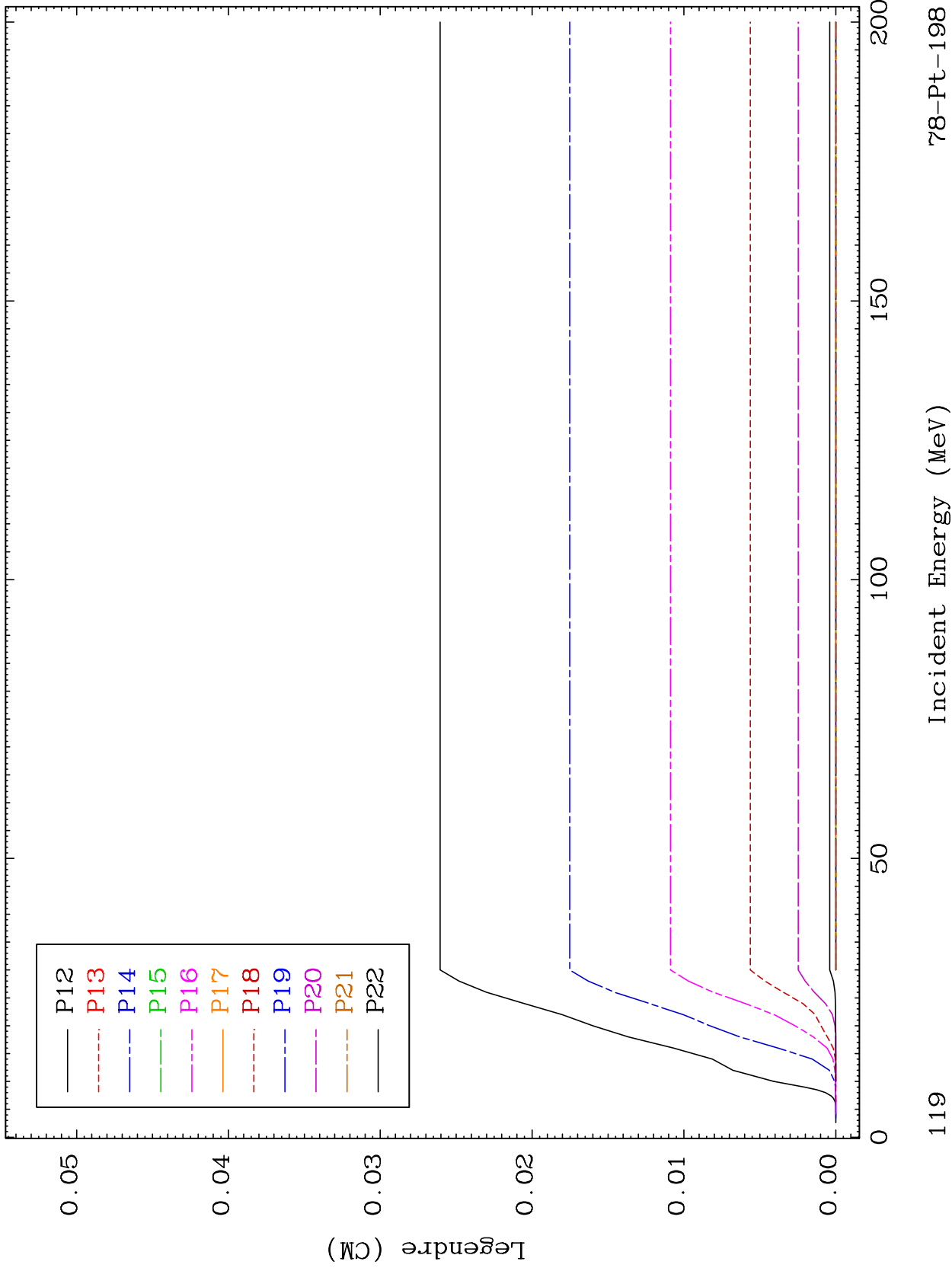


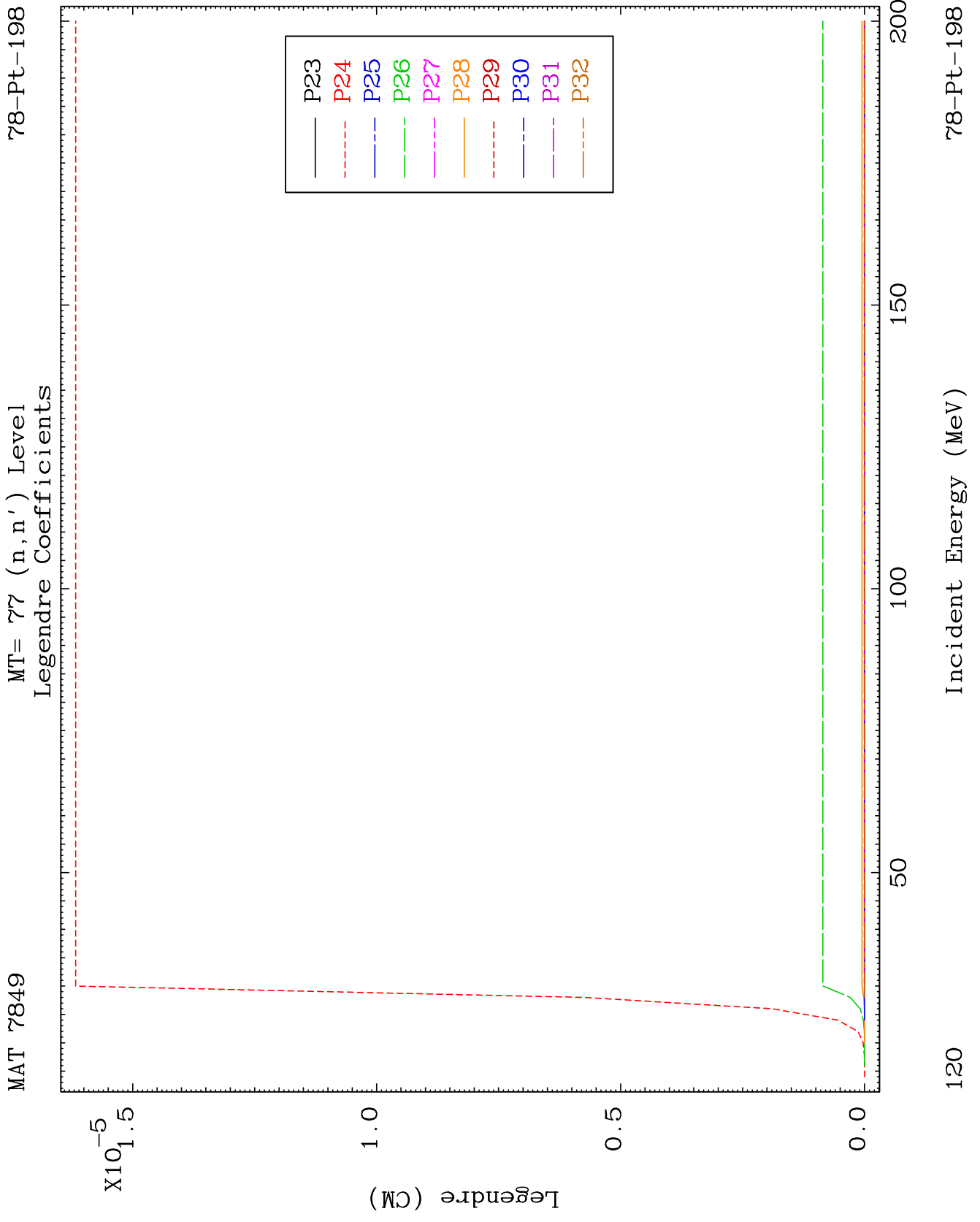
117

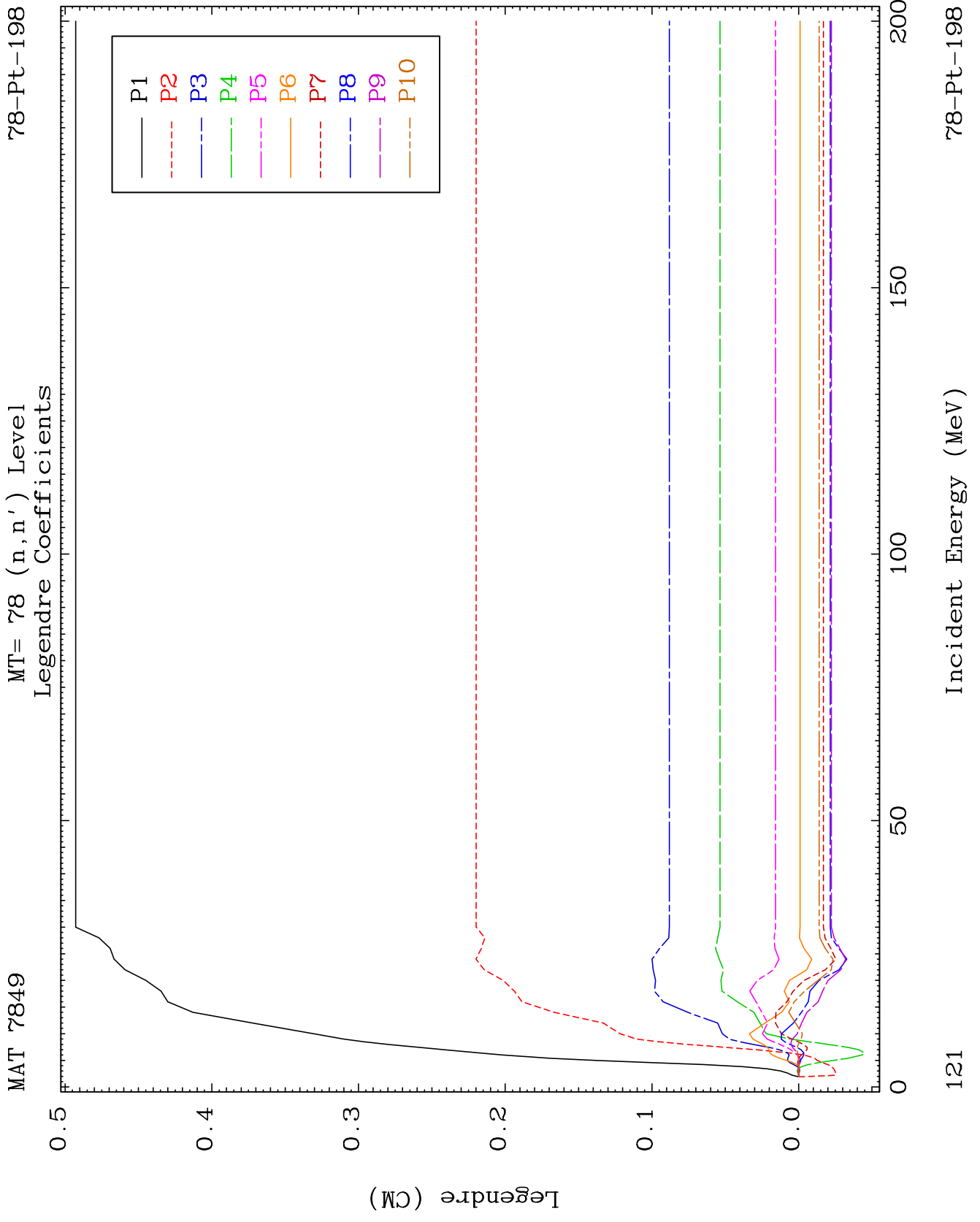
Incident Energy (MeV)

78-Pt-198





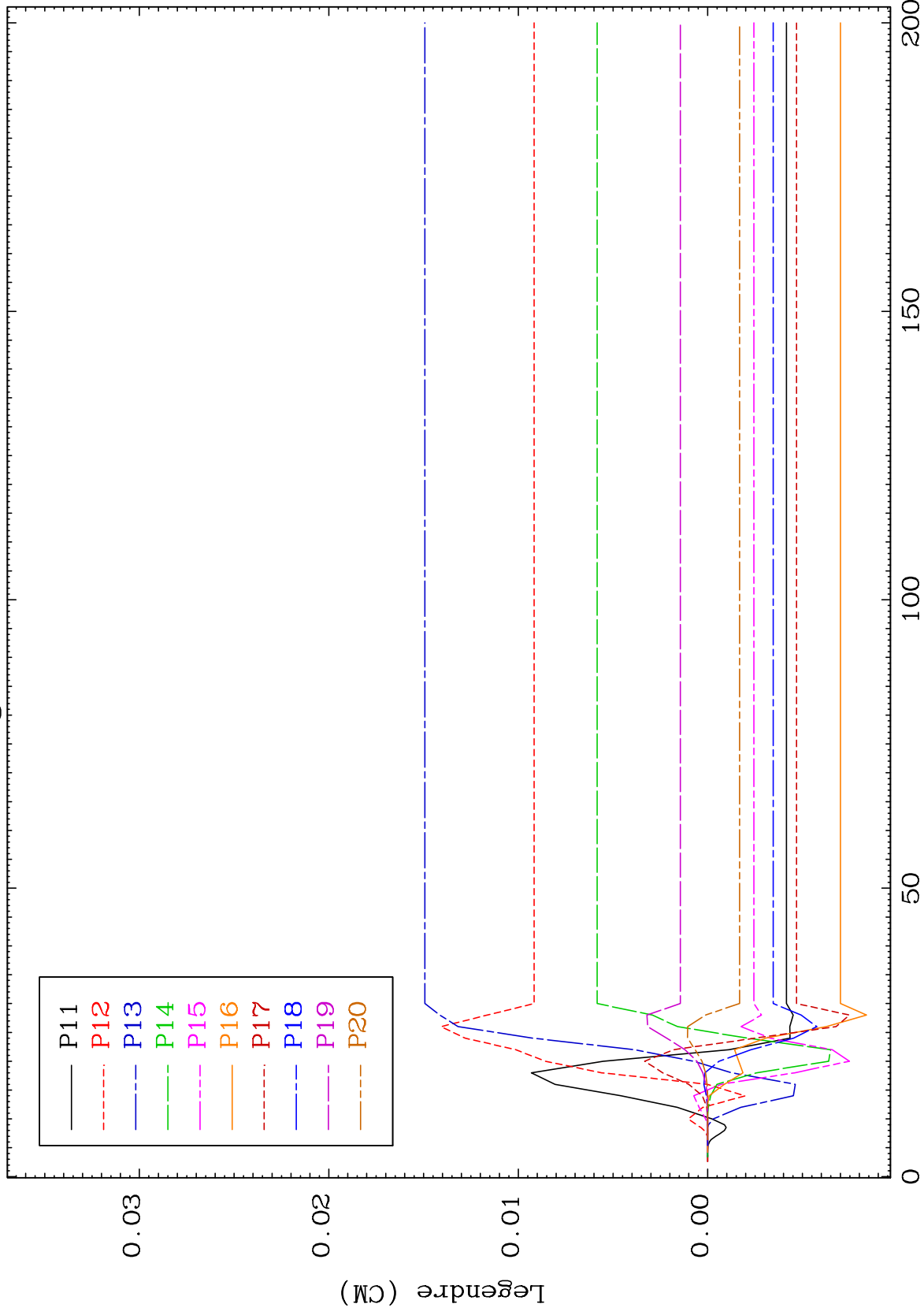




MAT 7849

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

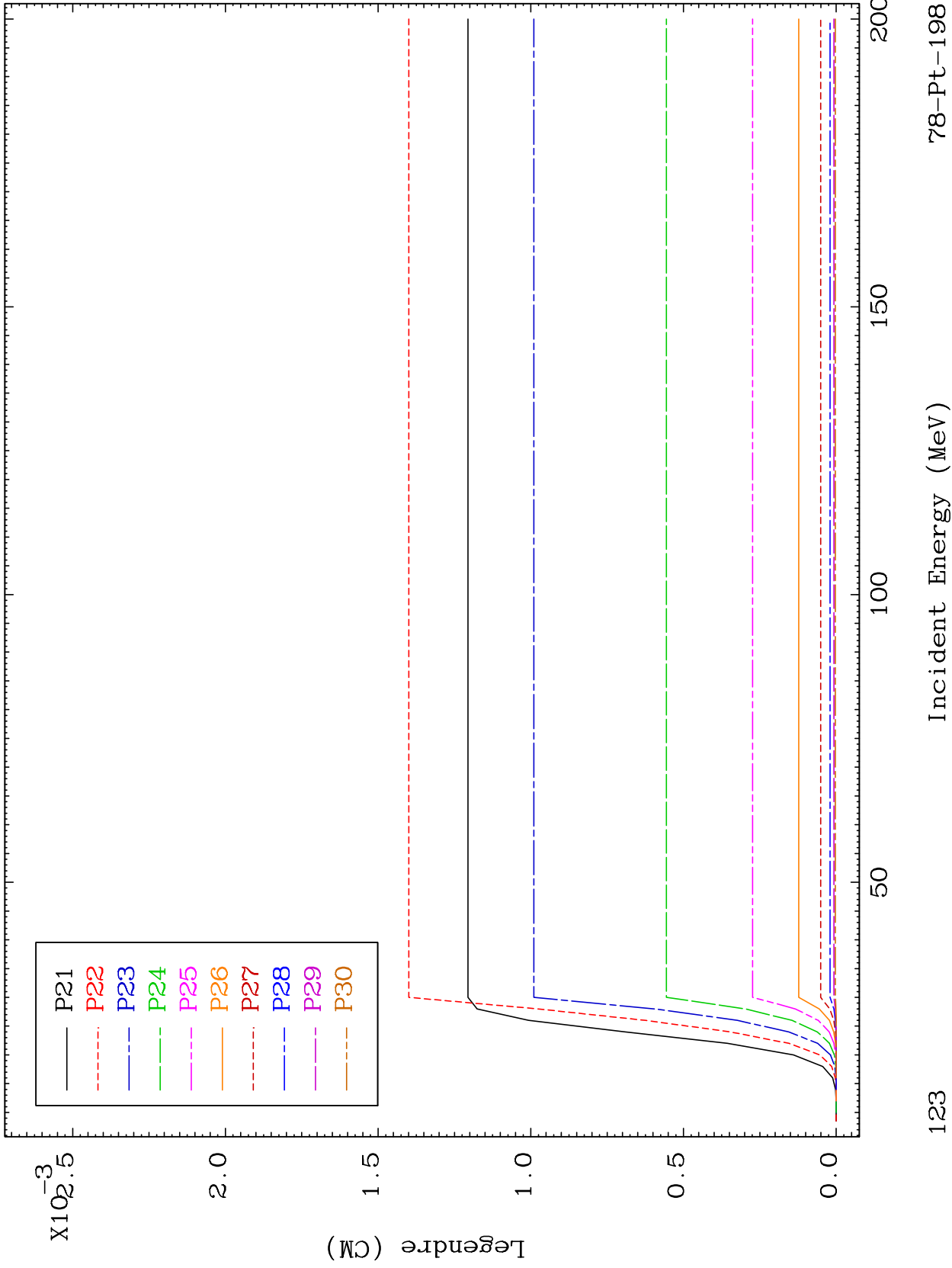
78-Pt-198



122

Incident Energy (MeV)

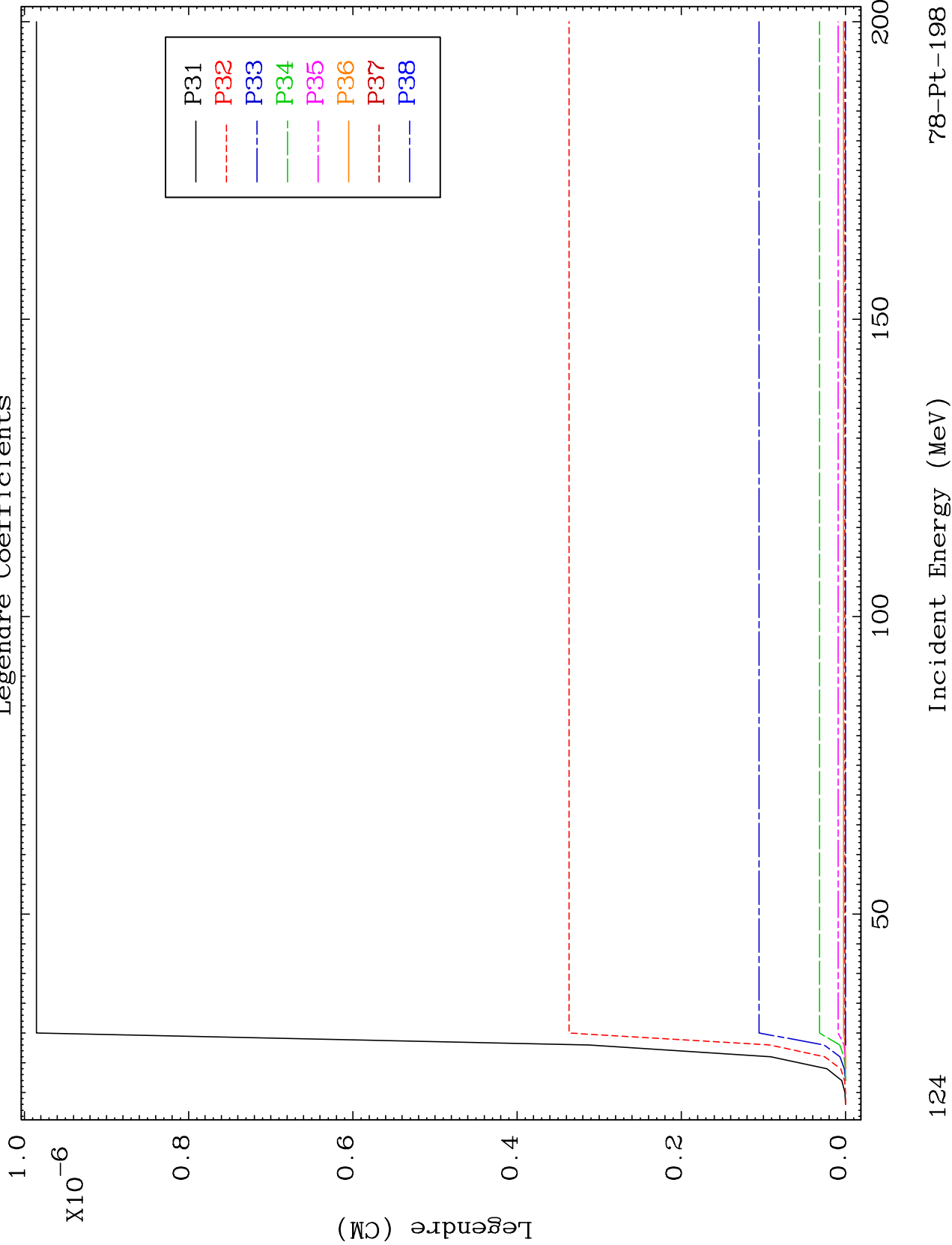
78-Pt-198



MAT 7849

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

78-Pt-198



124

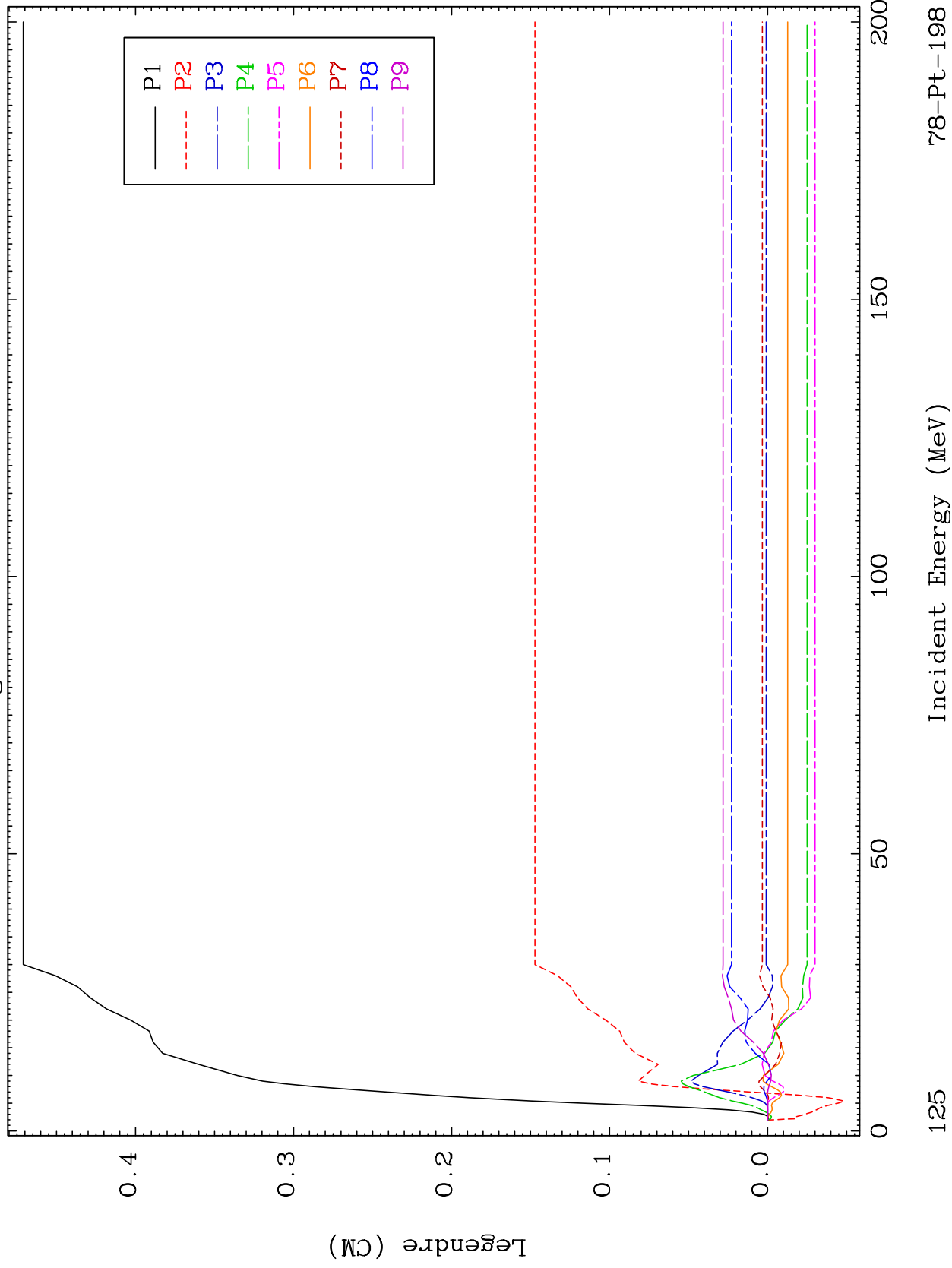
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

Incident Energy (MeV)

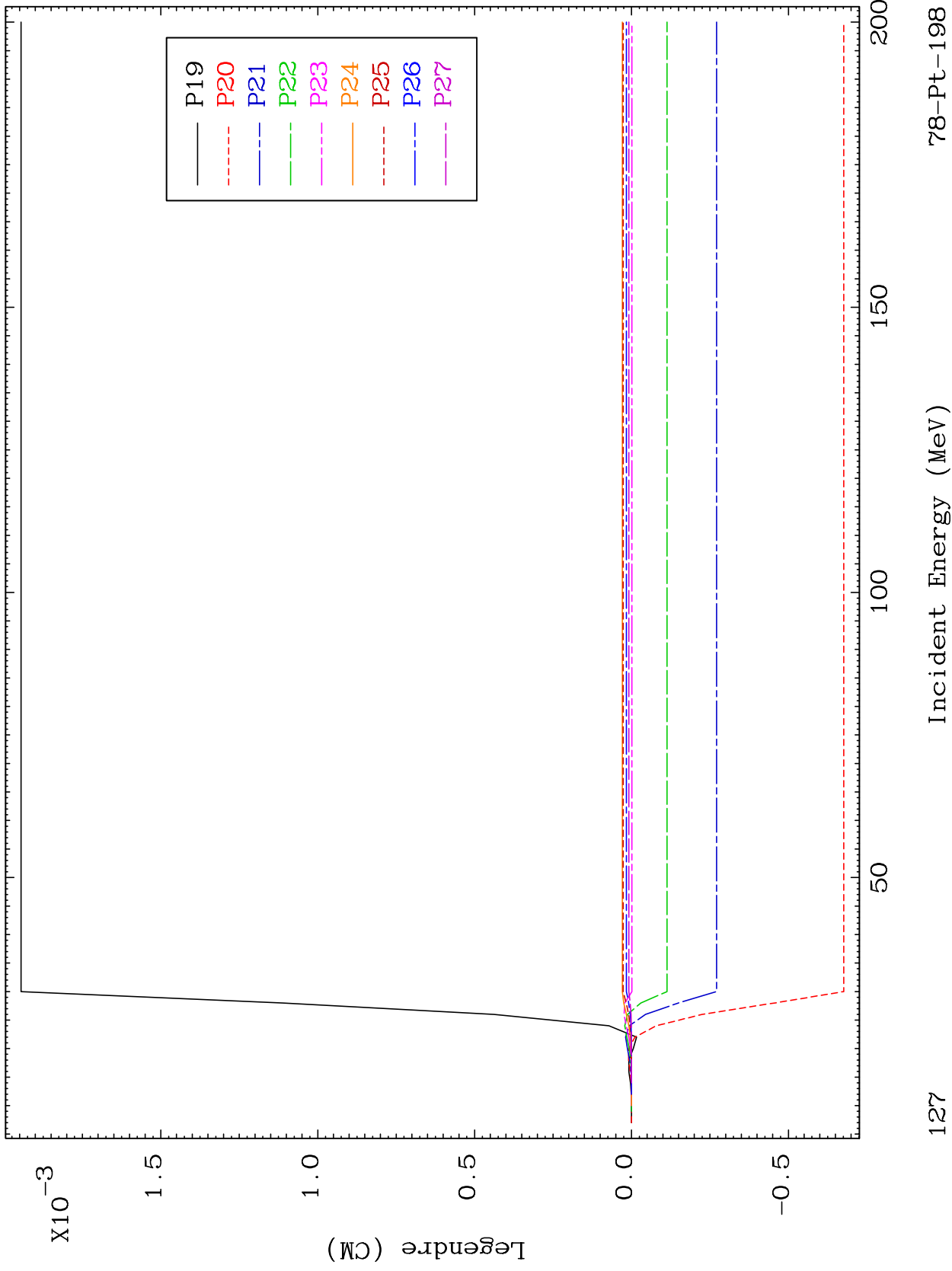
125



MAT 7849

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

78-Pt-198

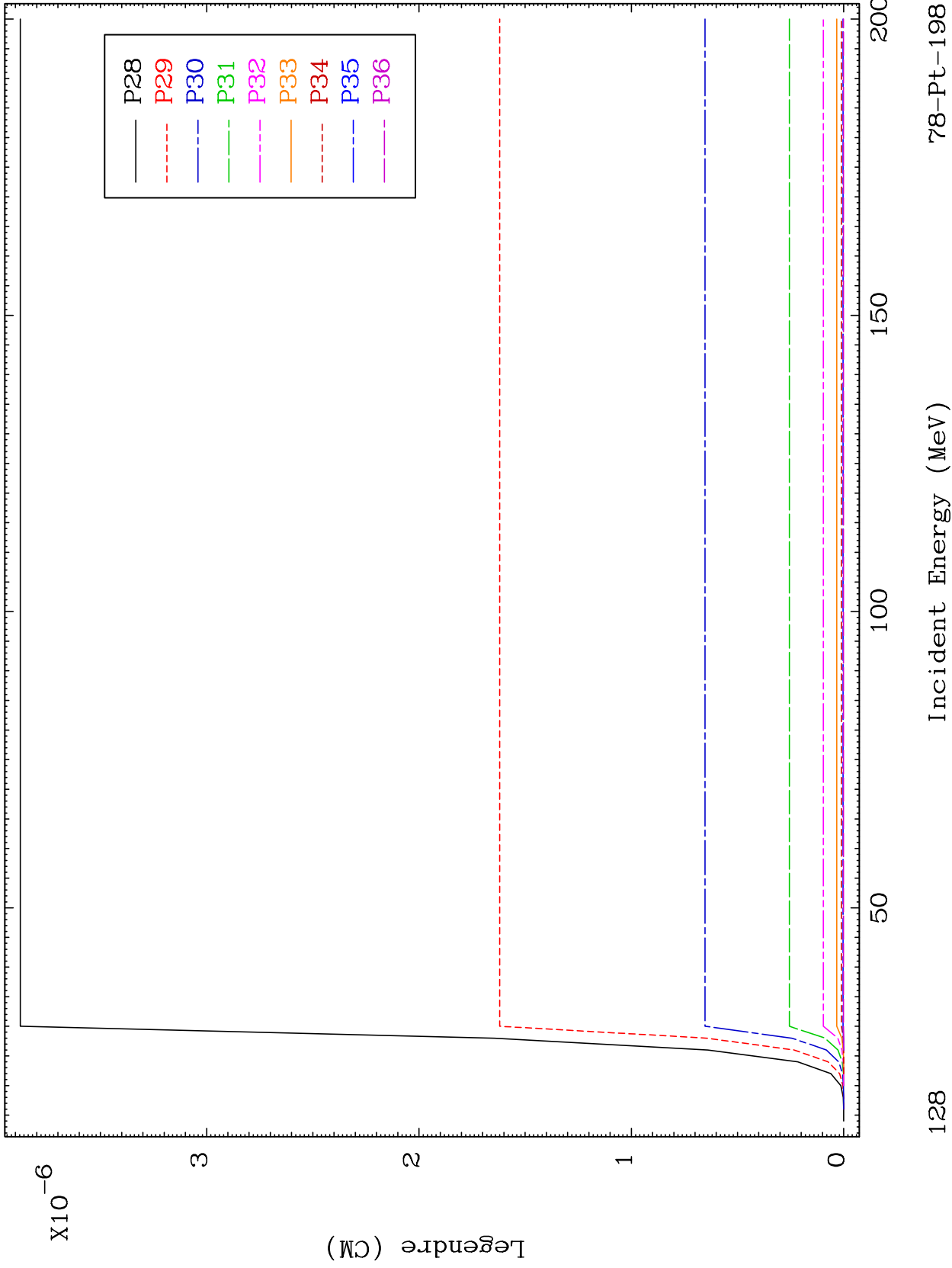


127

MAT 7849

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

78-Pt-198

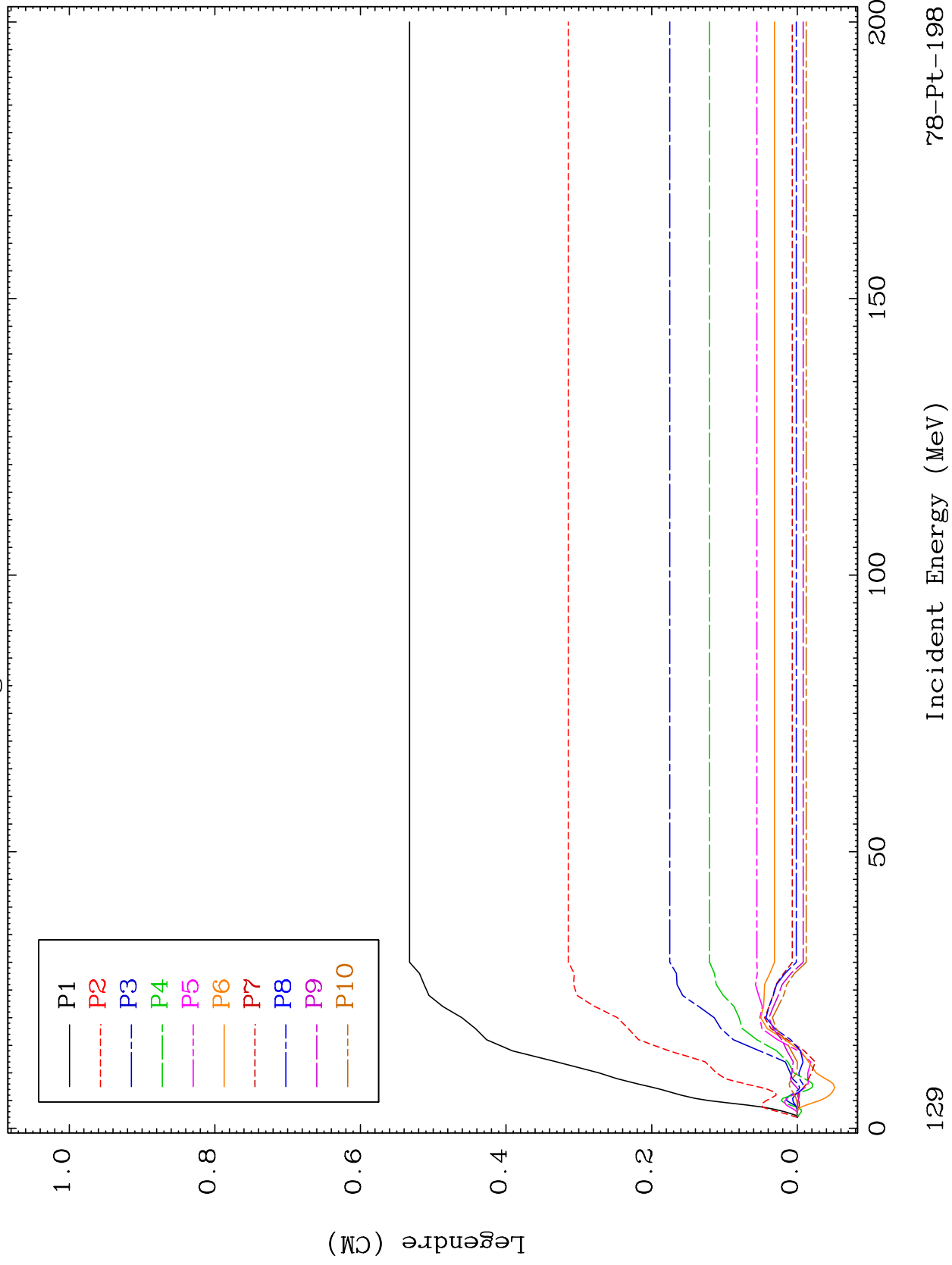


128

MAT 7849

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

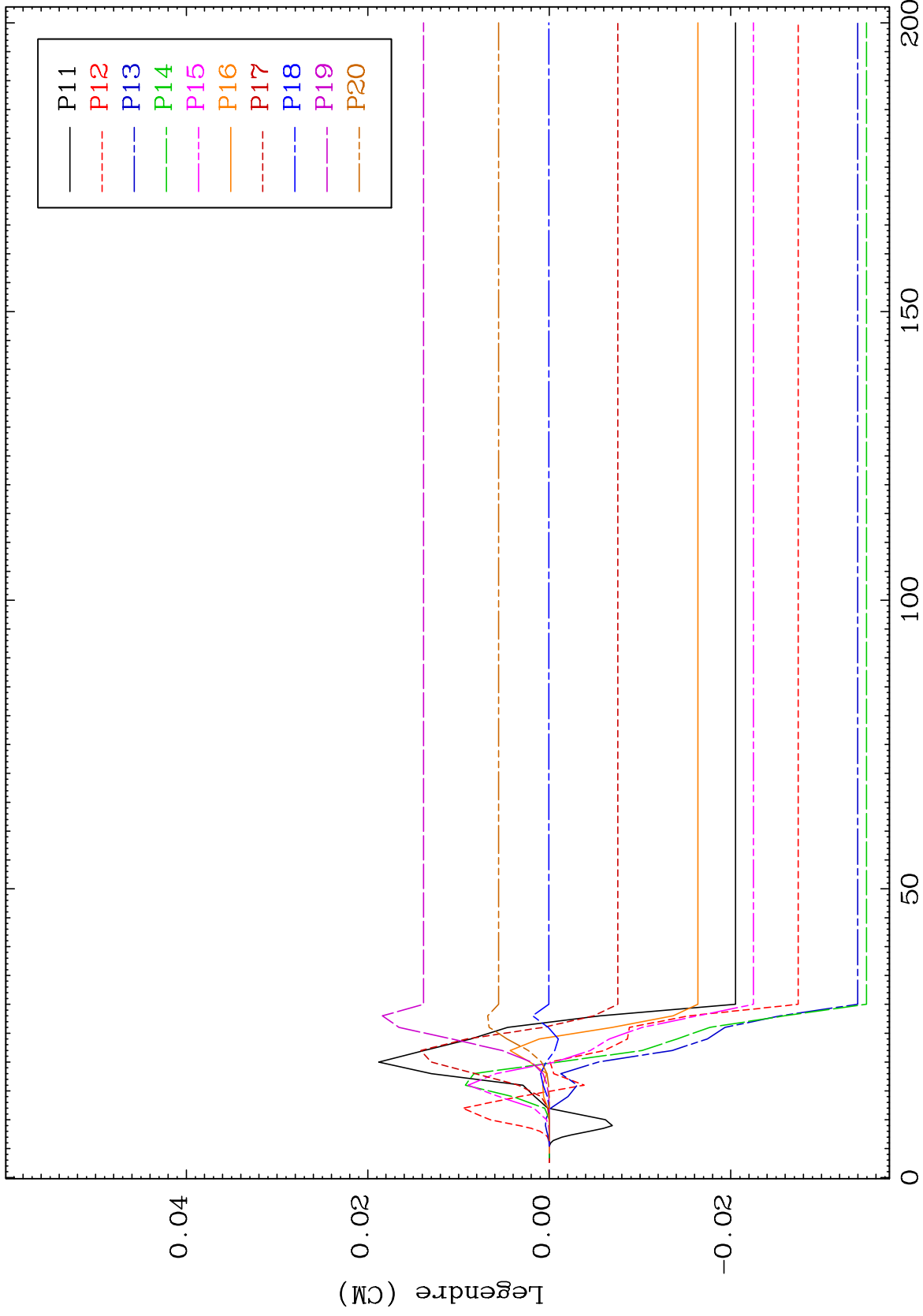
78-Pt-198



MAT 7849

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

78-Pt-198



130

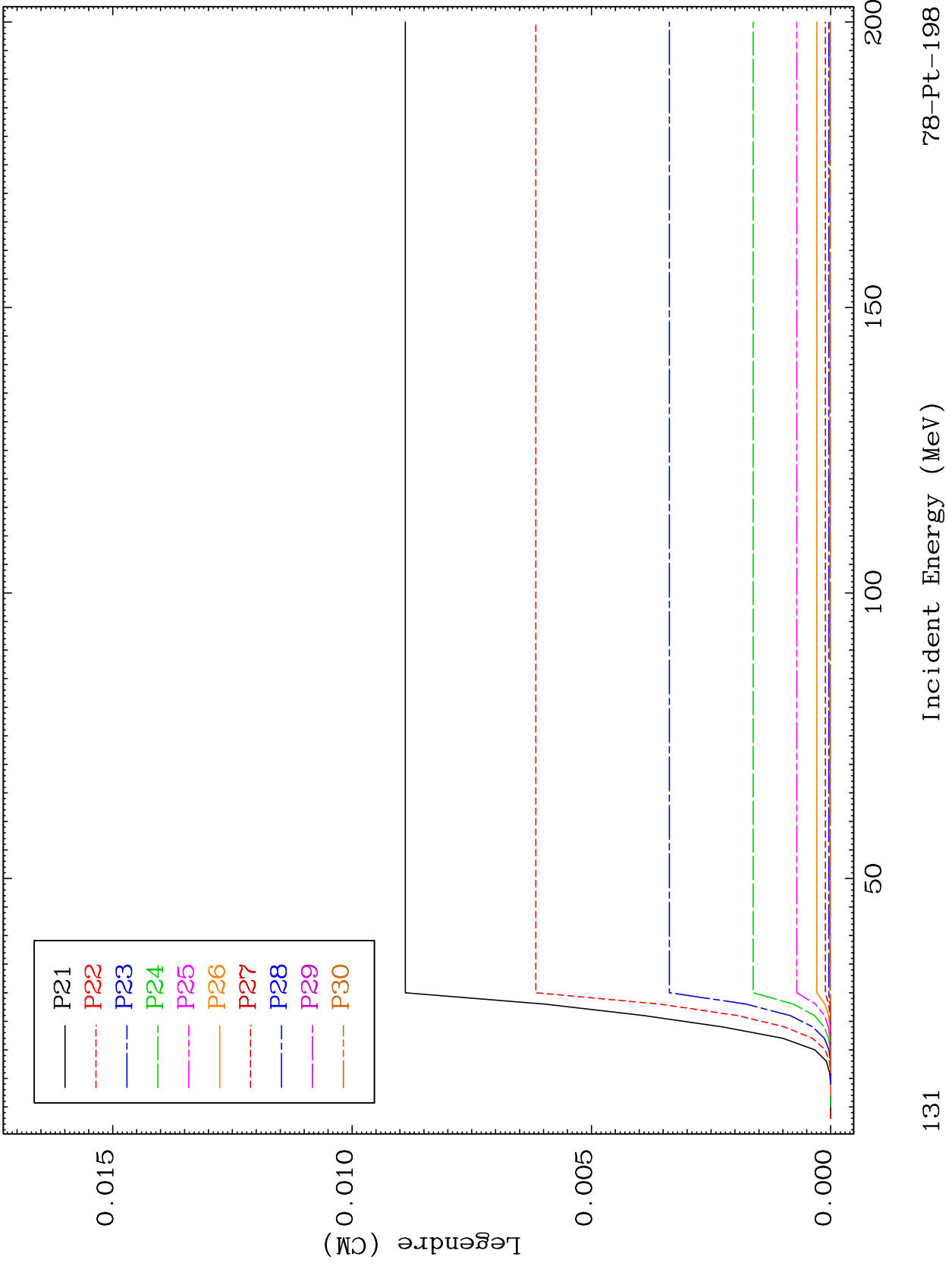
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

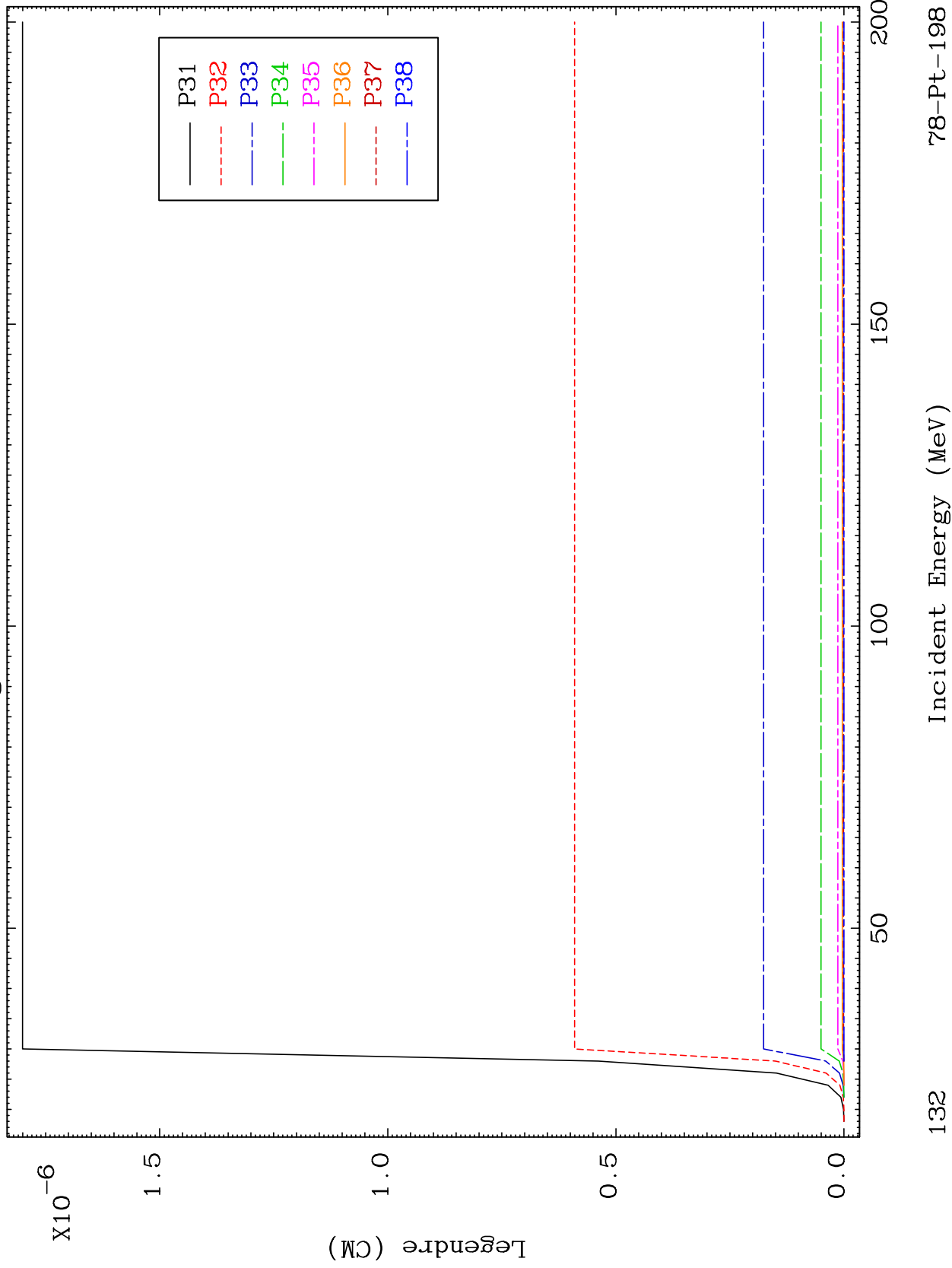
78-Pt-198



MAT 7849

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

78-Pt-198

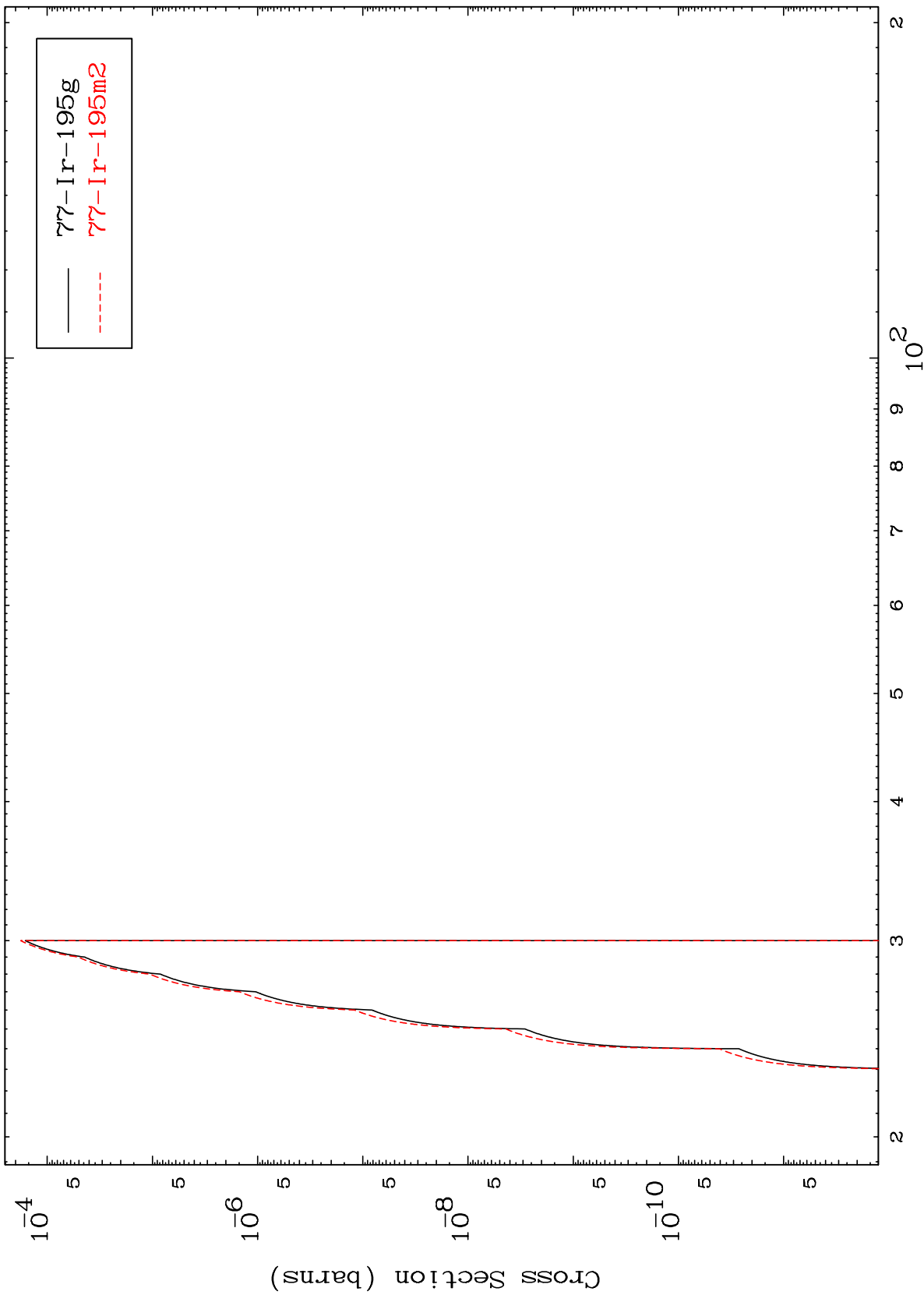


MAT 7849

(n,2n) d

78-Pt-198

Radionuclide Production Cross Section



133

Incident Energy (MeV)

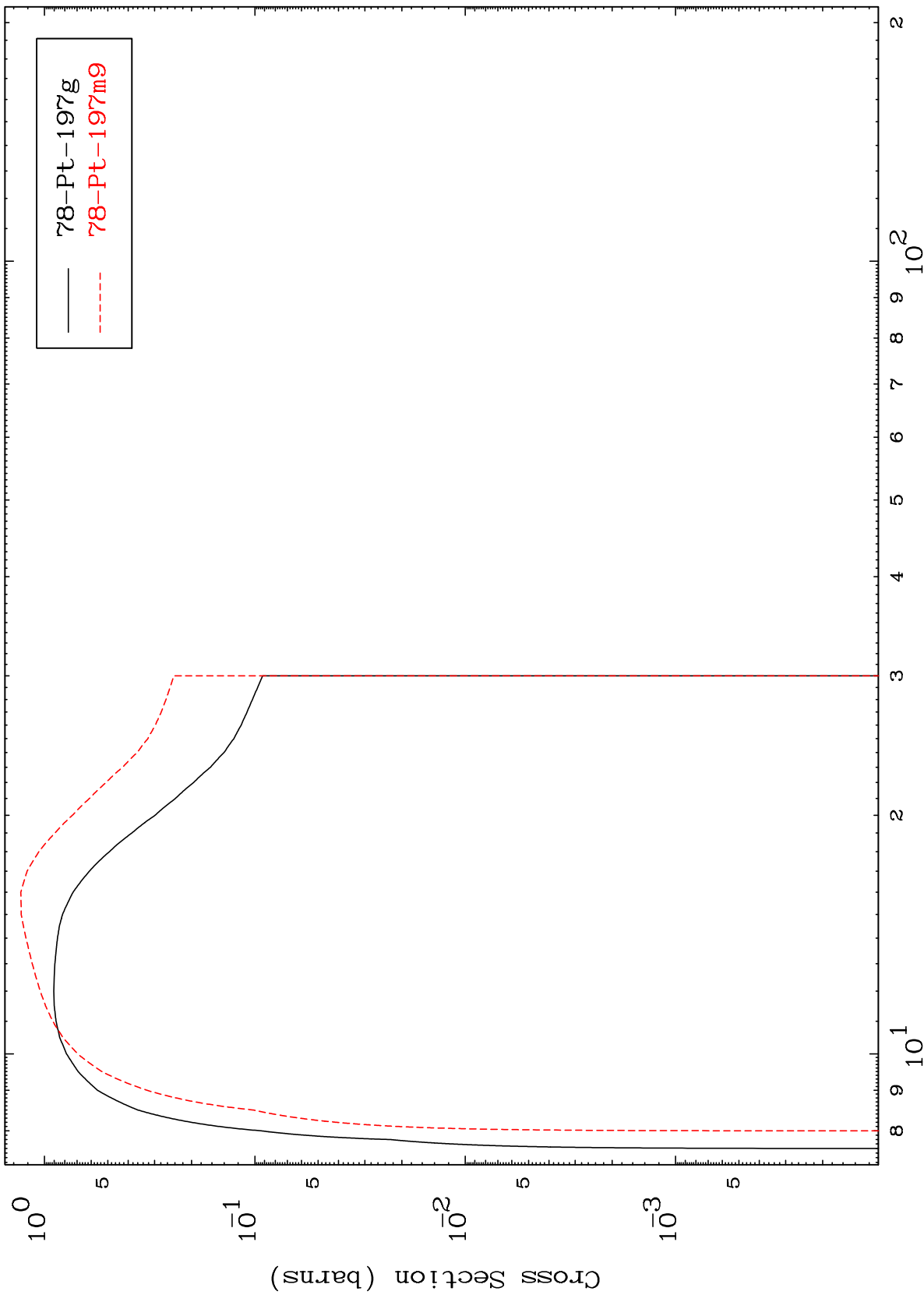
78-Pt-198

MAT 7849

78-Pt-198

(n,2n)

Radionuclide Production Cross Section



134

Incident Energy (MeV)

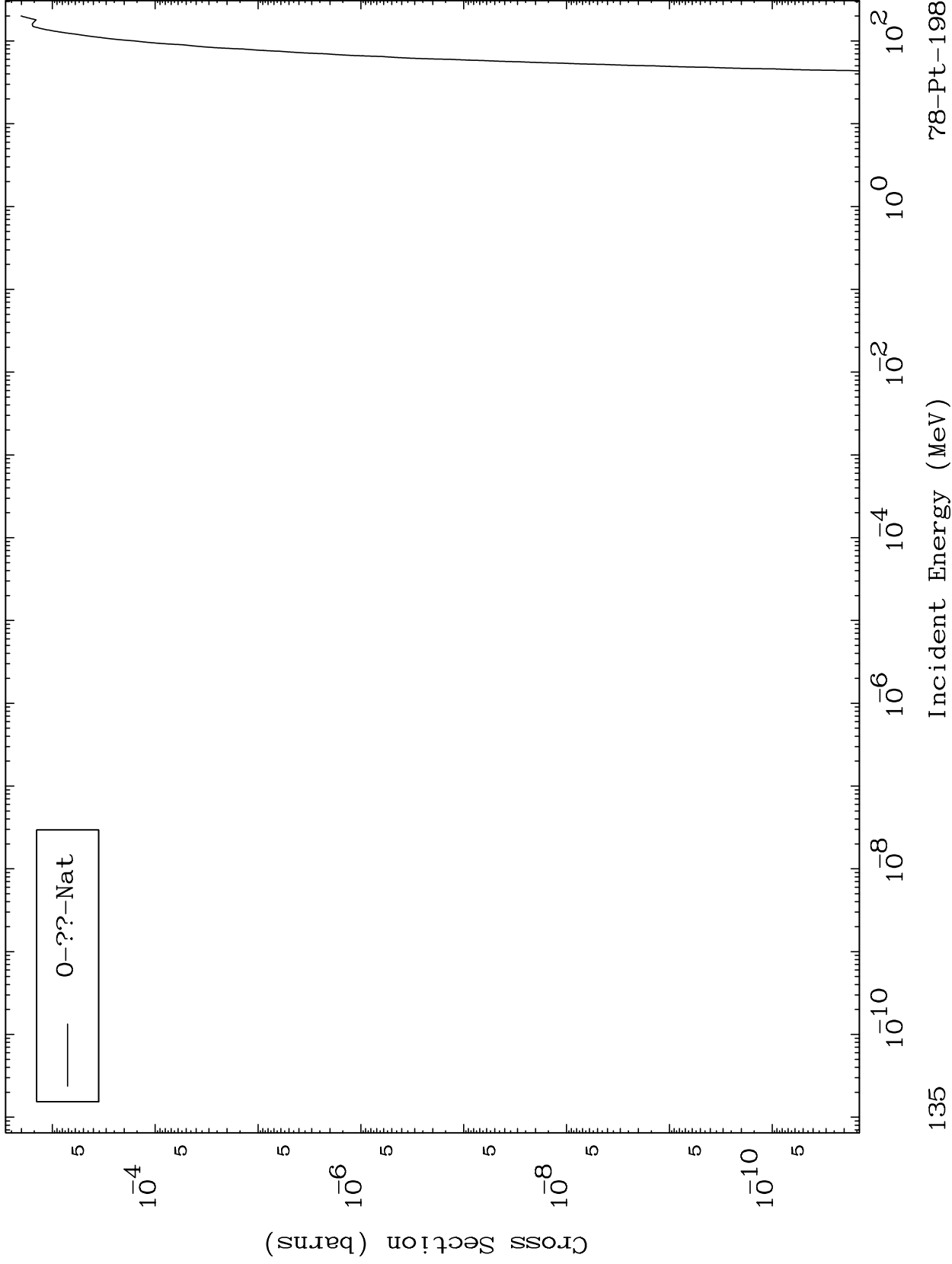
78-Pt-198

MAT 7849

Fission

78-Pt-198

Radionuclide Production Cross Section



135

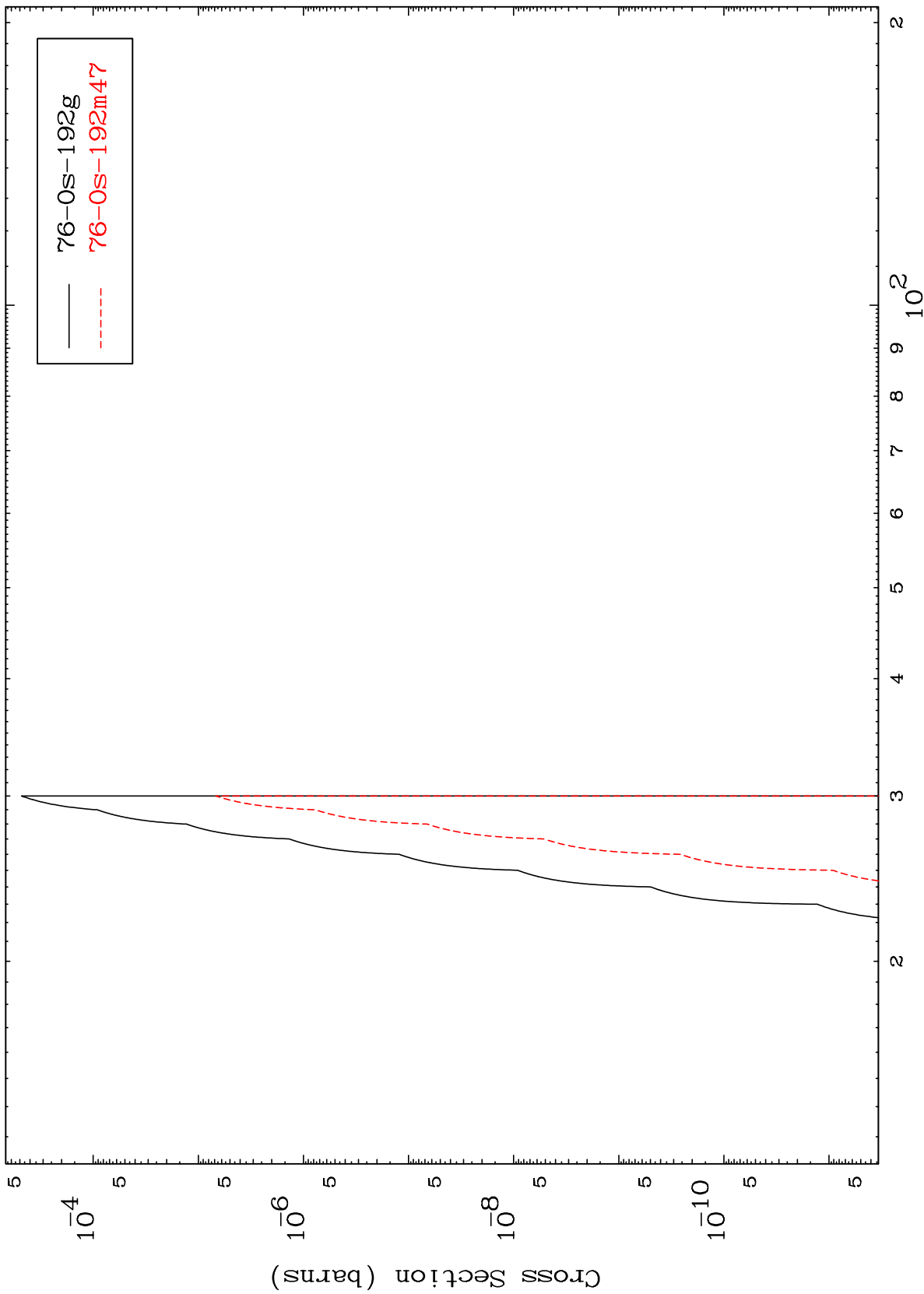
78-Pt-198

MAT 7849

(n,3n)  $\alpha$

78-Pt-198

Radionuclide Production Cross Section



76-0s-192g  
76-0s-192m47

136

Incident Energy (MeV)

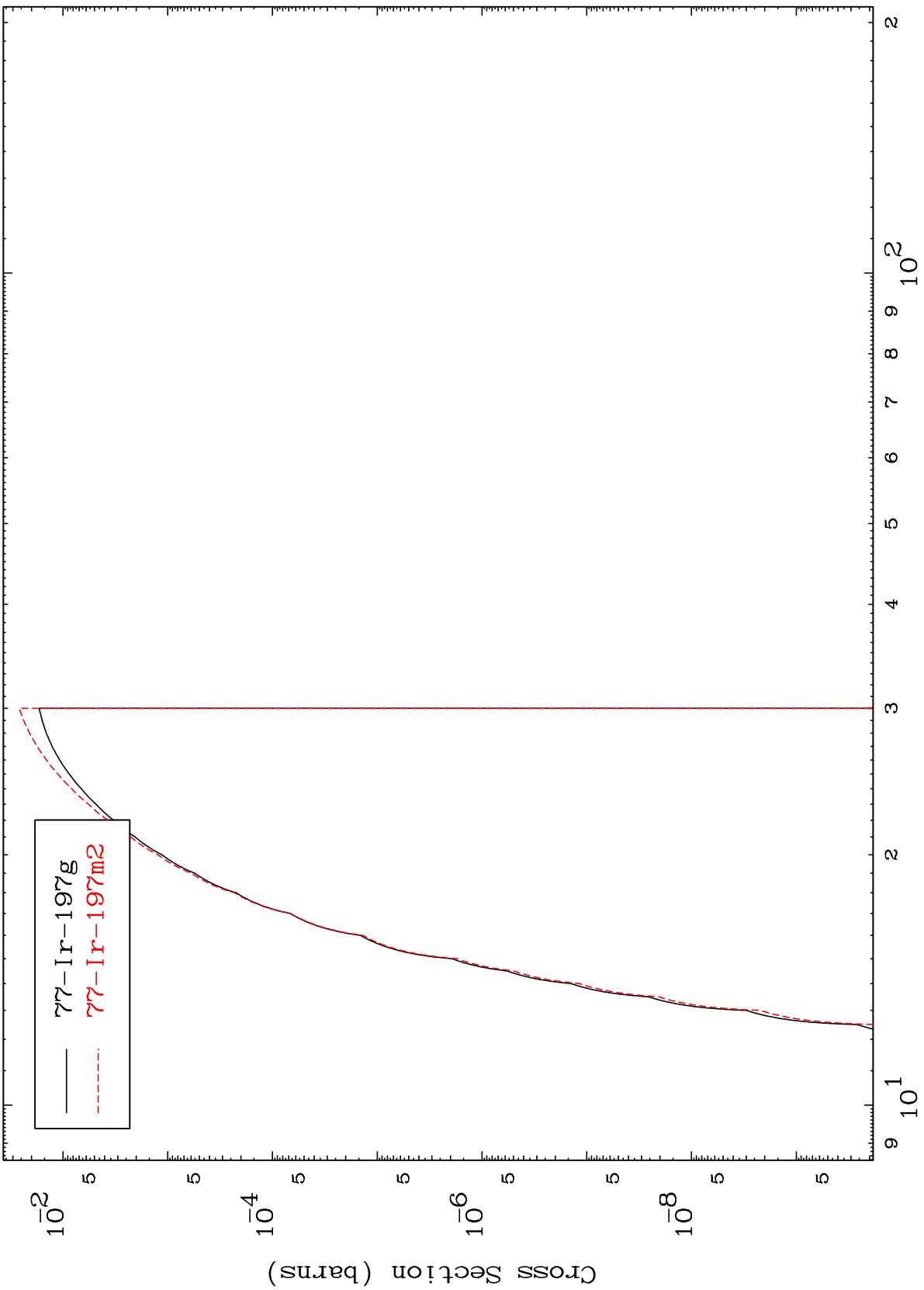
78-Pt-198

MAT 7849

(n,n') p

78-Pt-198

Radionuclide Production Cross Section



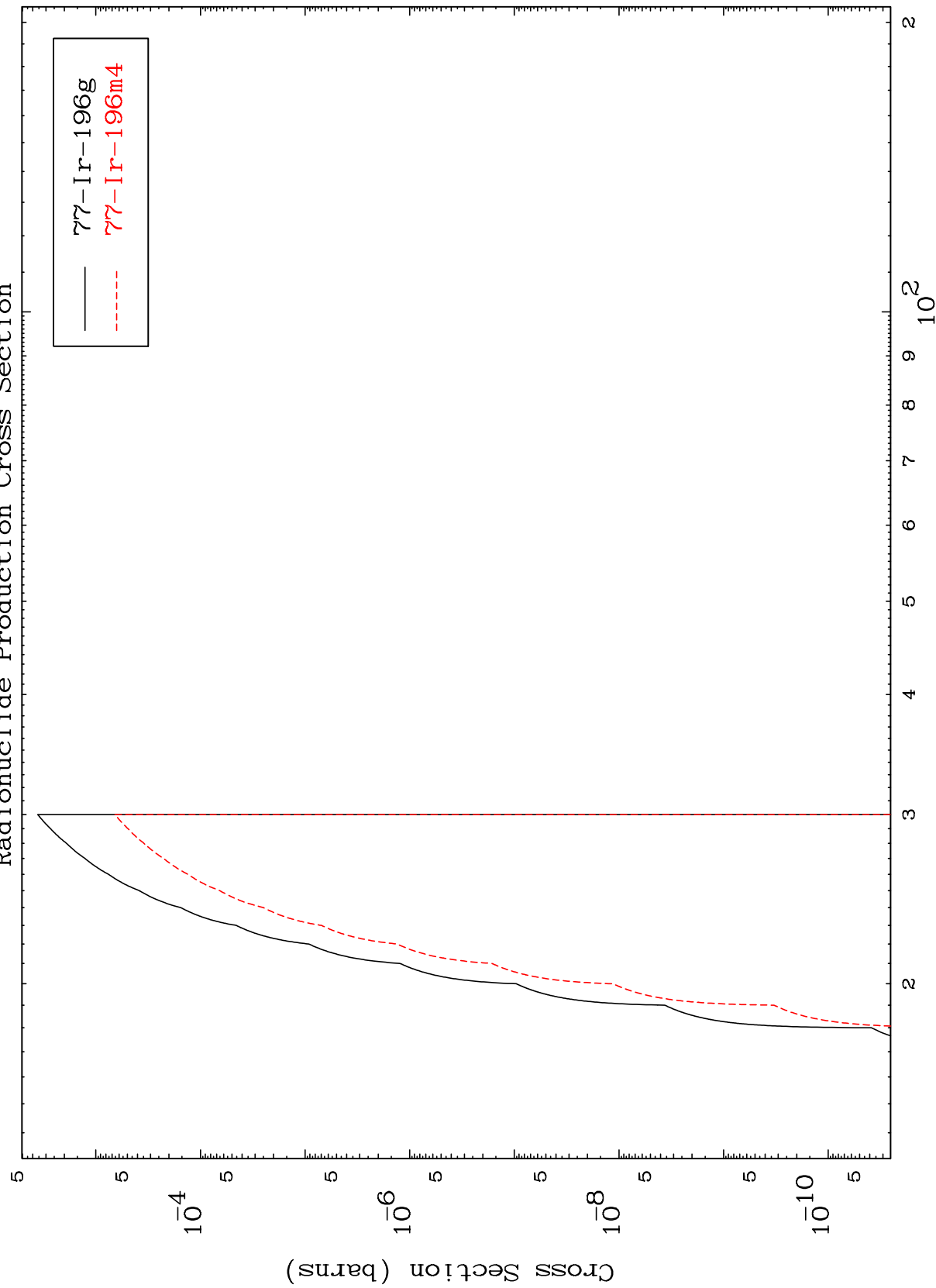
77-Ir-197g  
77-Ir-197m2

137

Incident Energy (MeV)

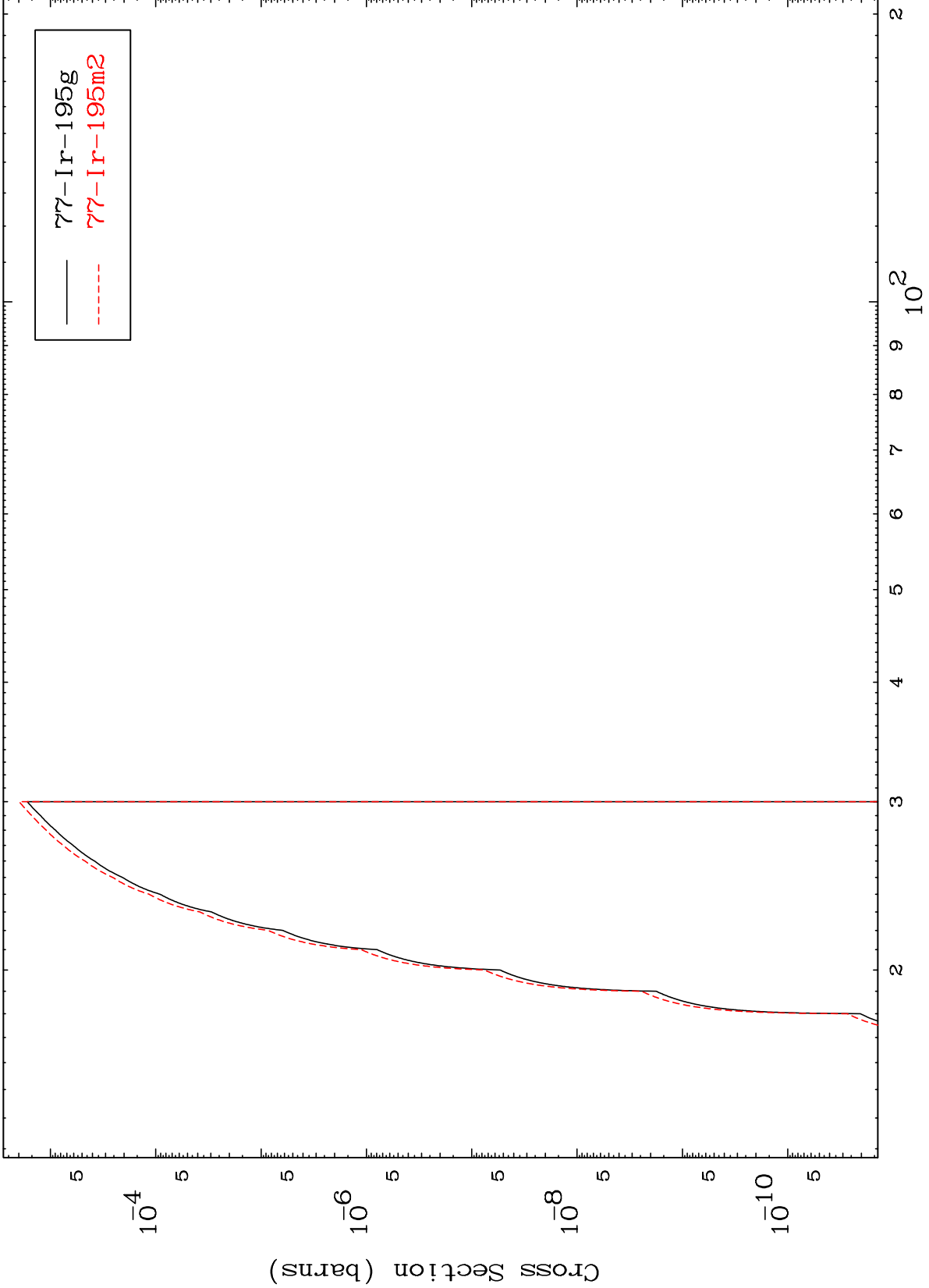
78-Pt-198

Radionuclide Production Cross Section



77-Ir-196g  
77-Ir-196m4

Radionuclide Production Cross Section

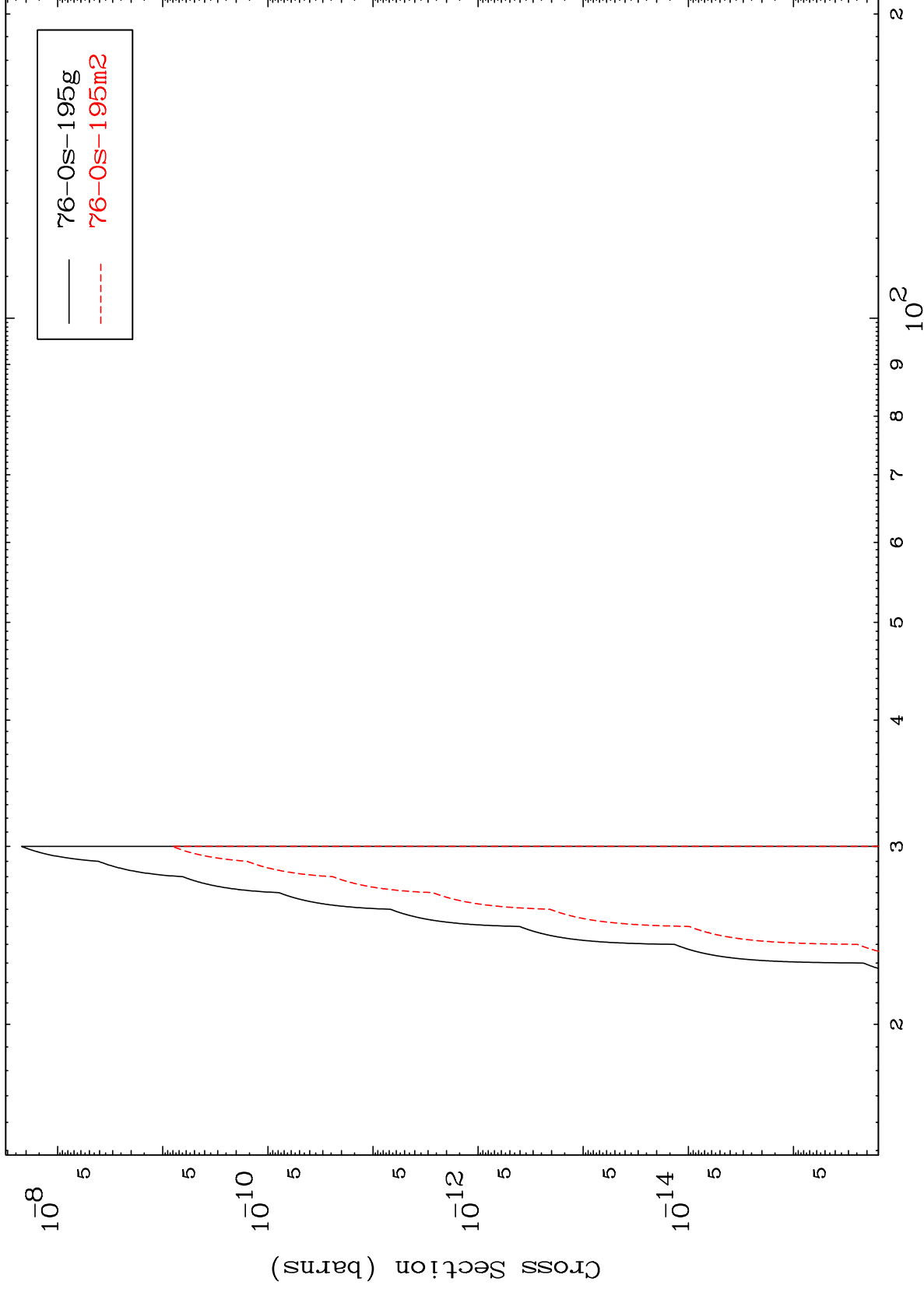


MAT 7849

(n,n') He-3

78-Pt-198

Radionuclide Production Cross Section



140

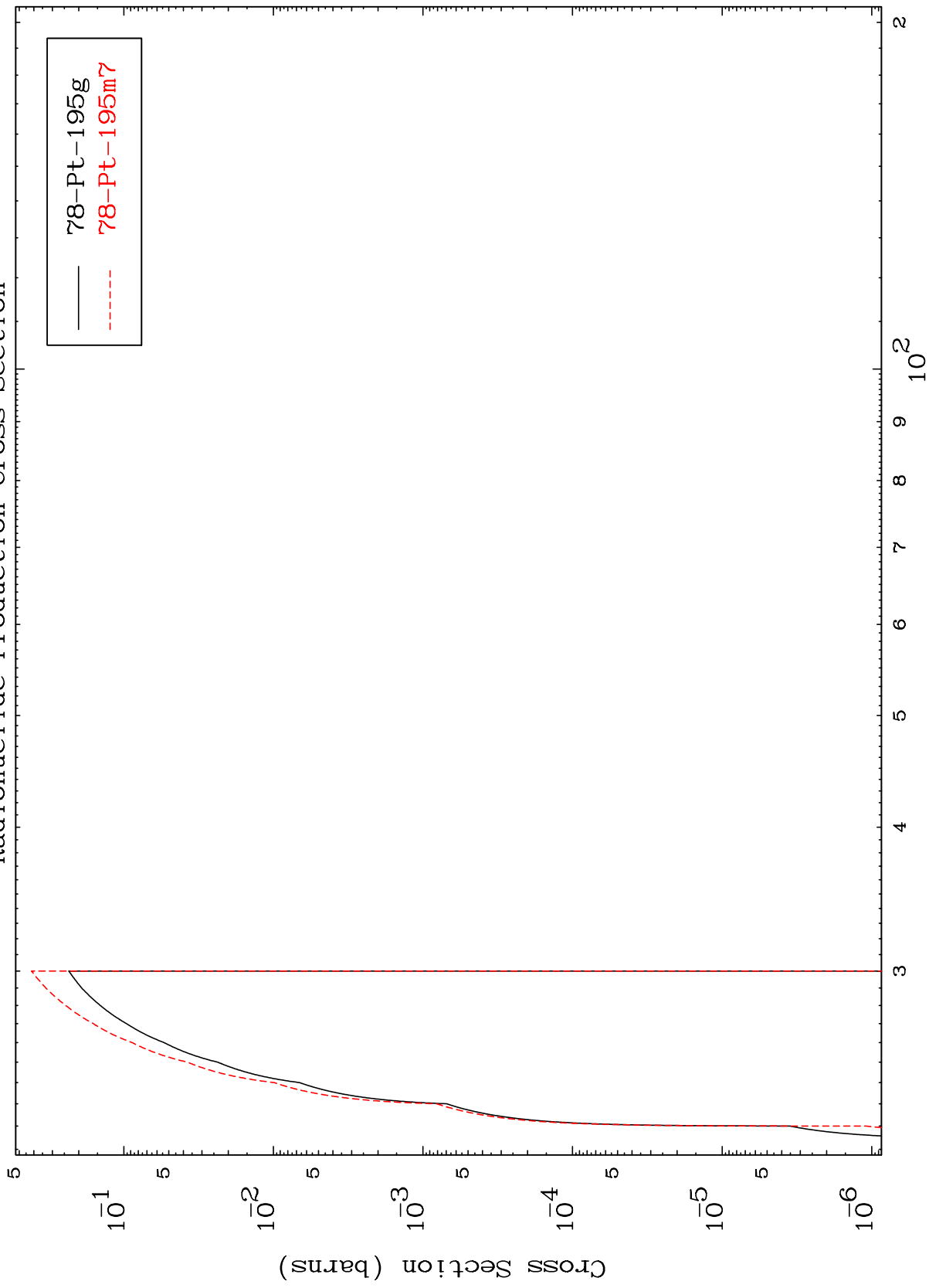
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(n,4n)  
Radionuclide Production Cross Section

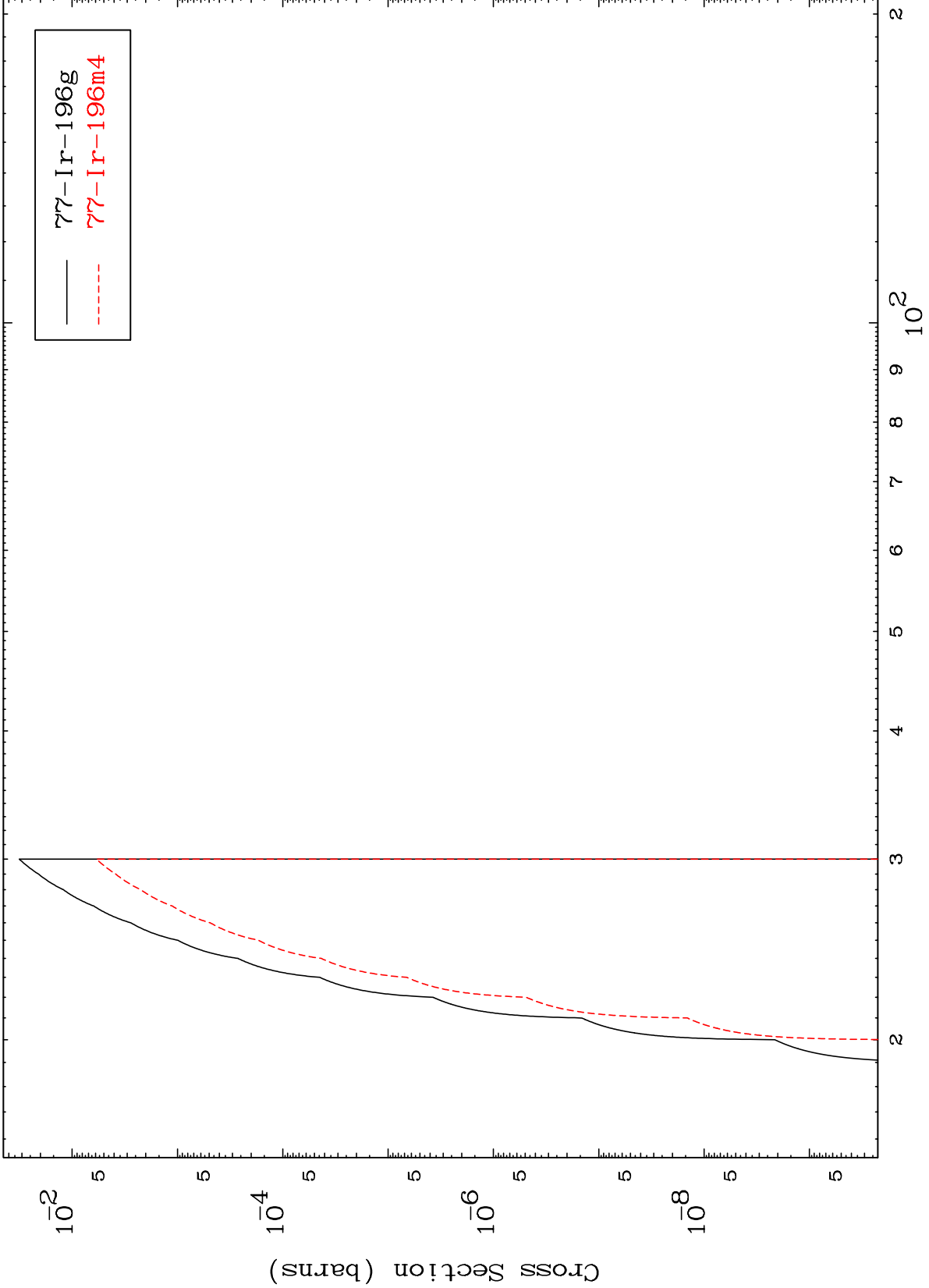


141

Incident Energy (MeV)

78-Pt-198

Radionuclide Production Cross Section

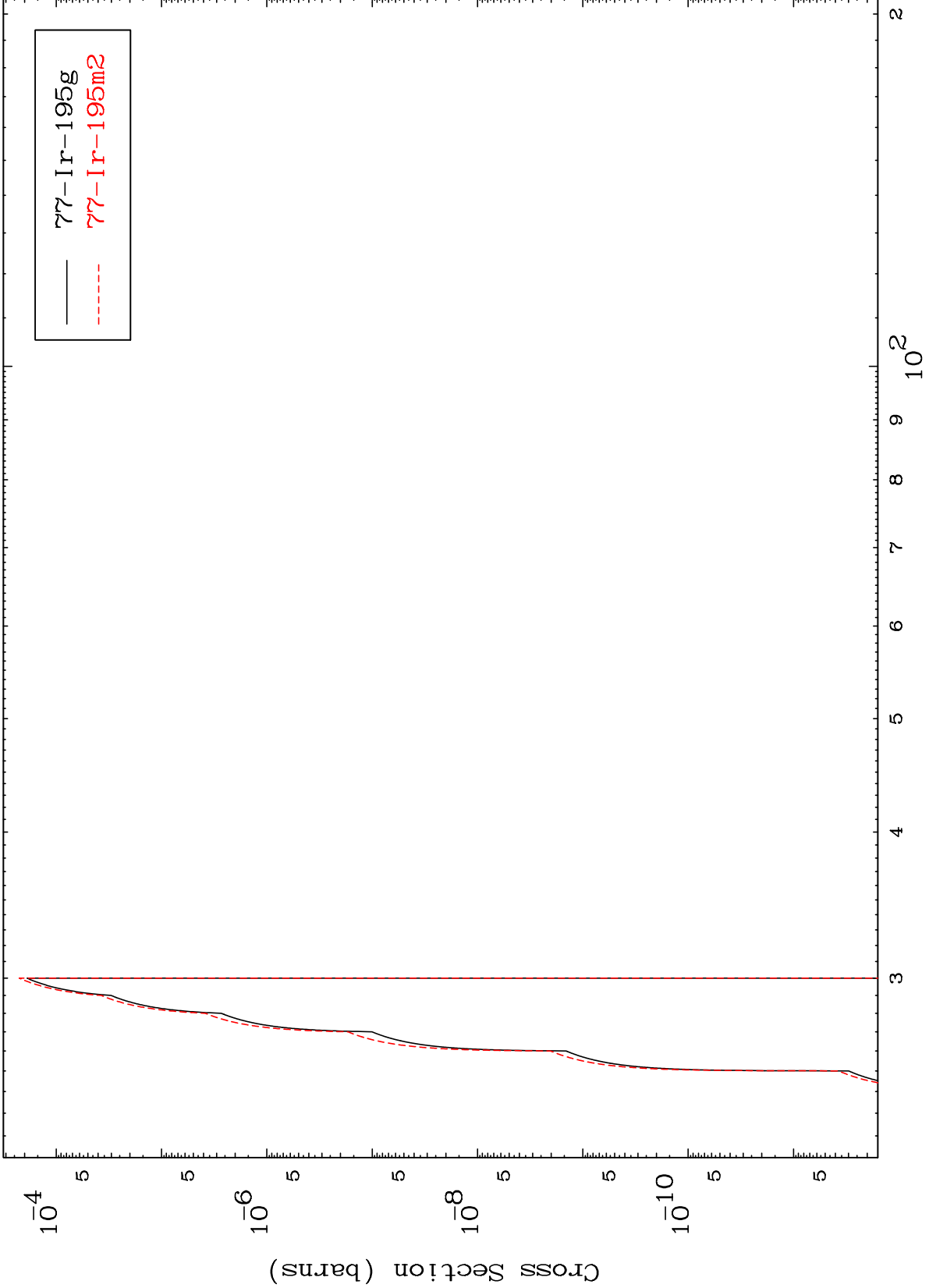


MAT 7849

(n,3n) p

78-Pt-198

Radionuclide Production Cross Section



143

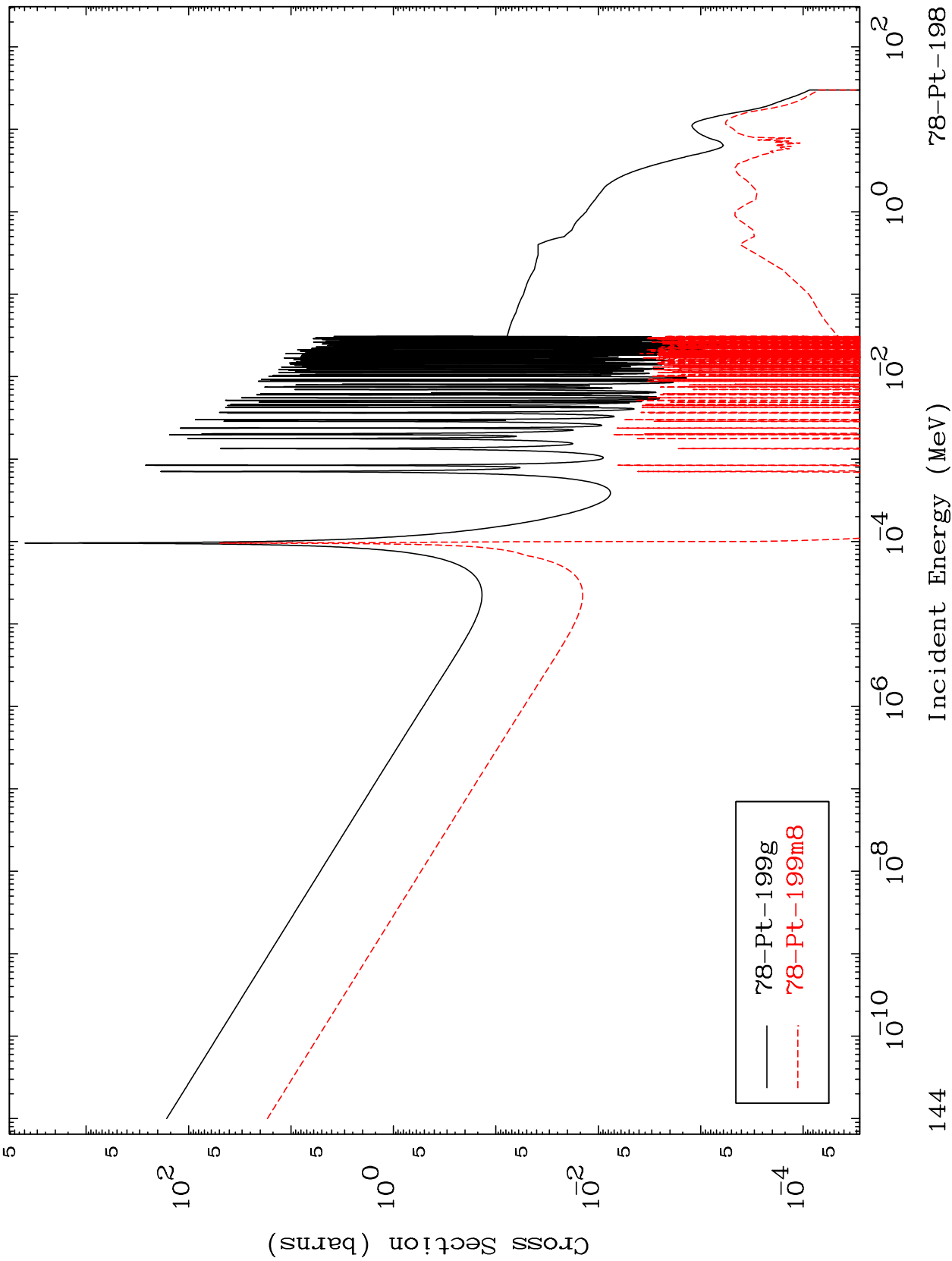
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

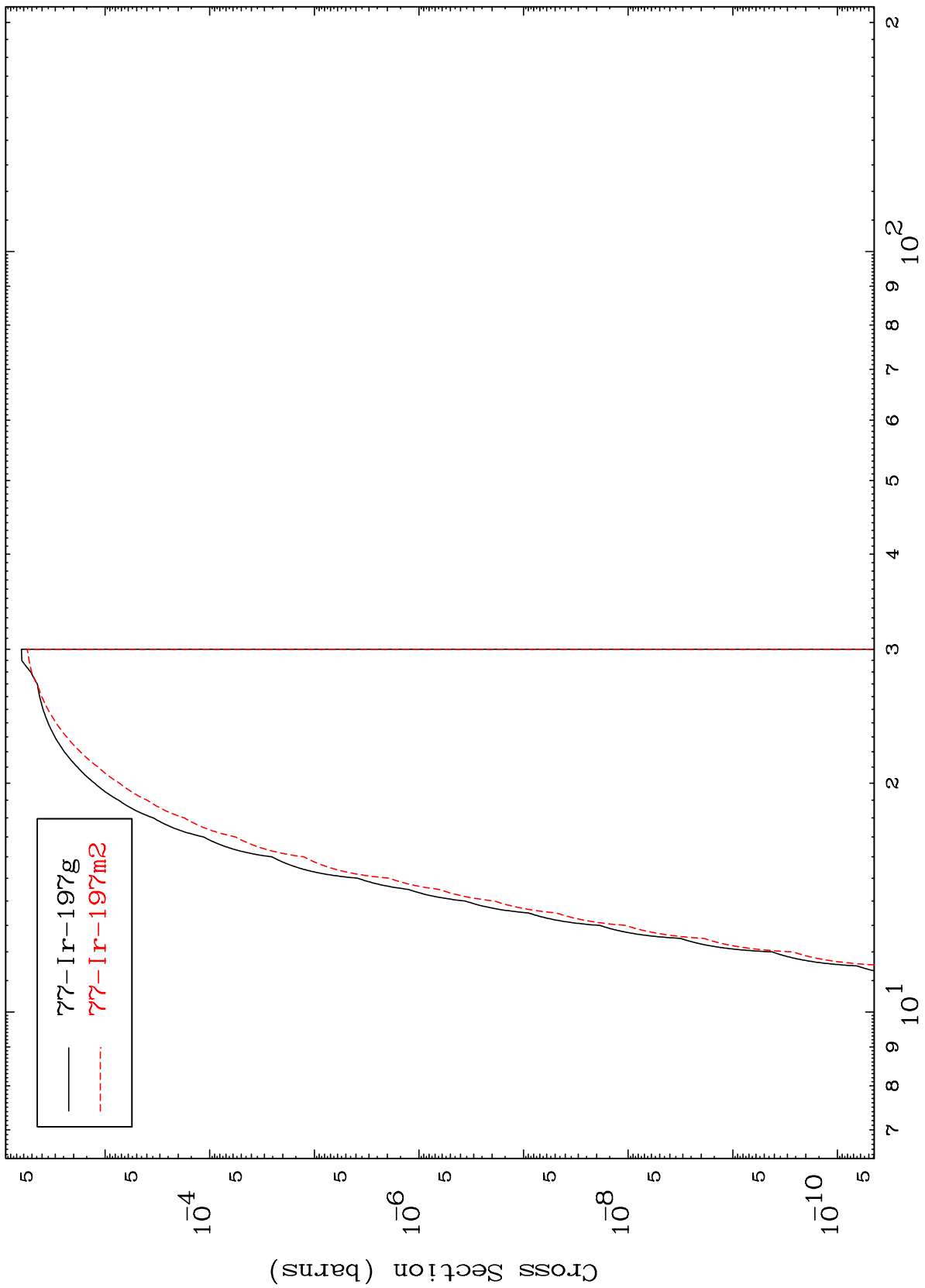
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 7849

78-Pt-198

(n,d)  
Radionuclide Production Cross Section

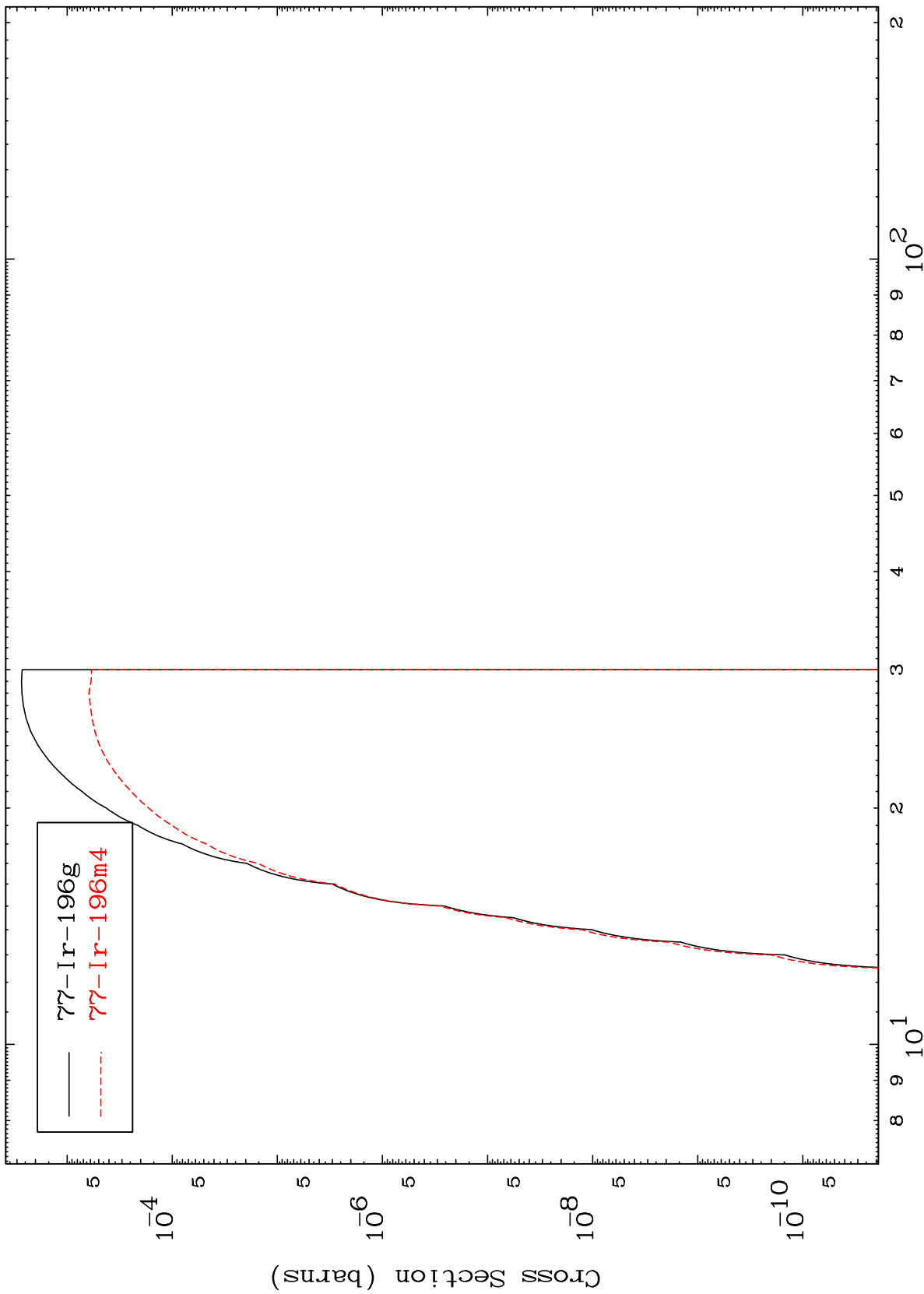


145

Incident Energy (MeV)

78-Pt-198

(n,t)  
Radionuclide Production Cross Section



MAT 7849

(n,  $\alpha$ )

78-Pt-198

Radionuclide Production Cross Section

