

Program EVALPLOT
(Version 2021-1)

by

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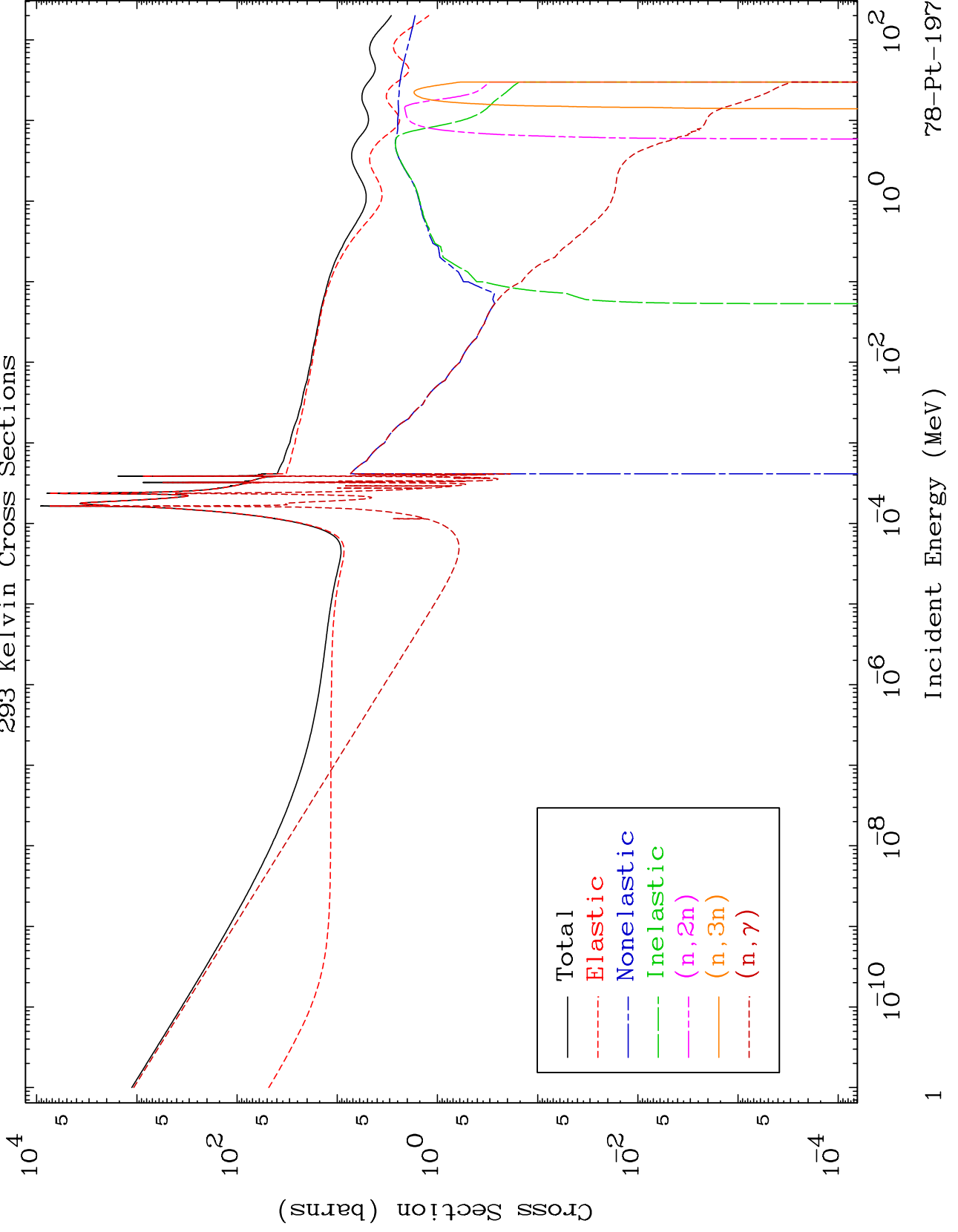
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7846

Neutron Major
293 Kelvin Cross Sections

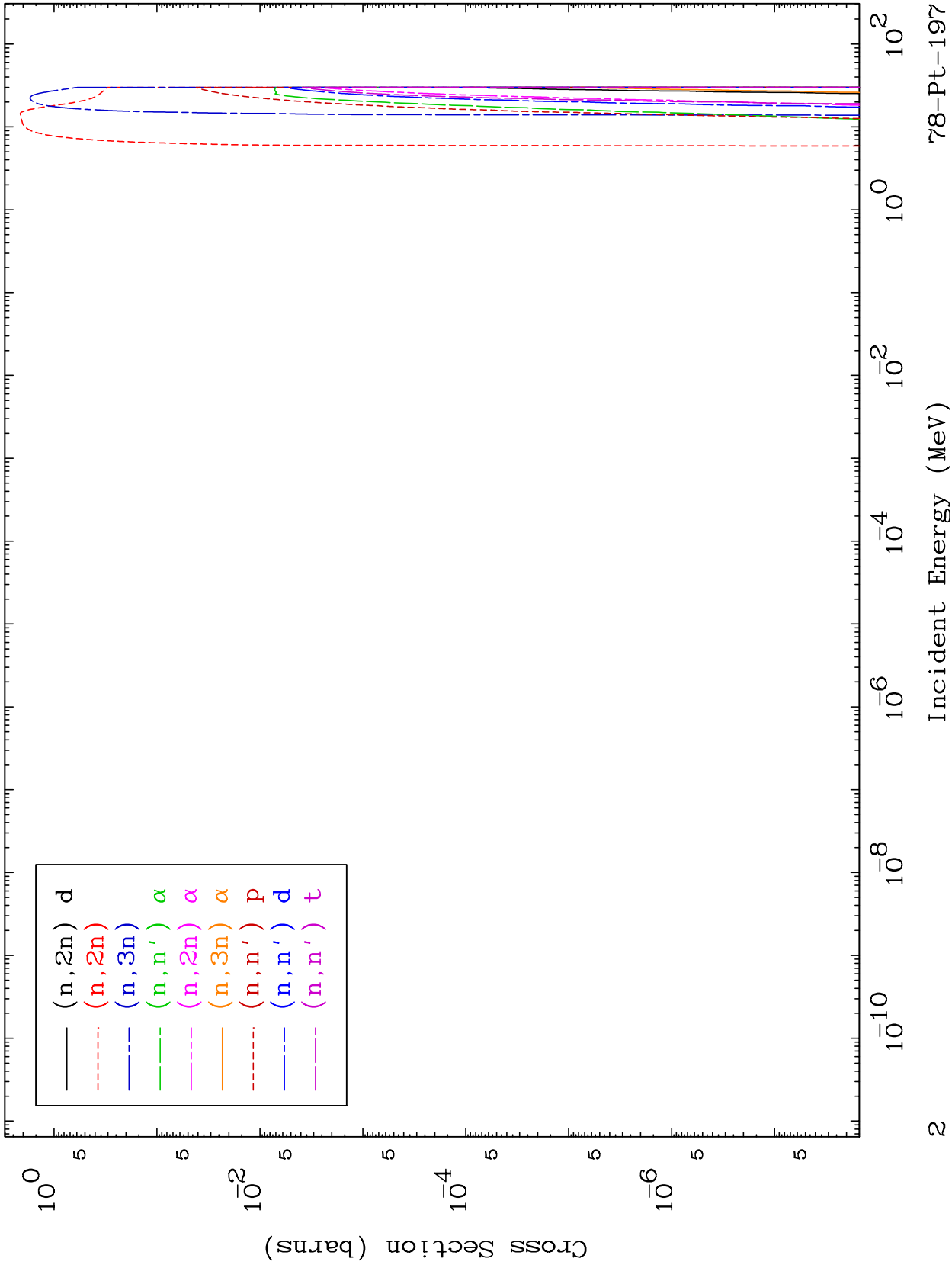
78-Pt-197



MAT 7846

Neutron Absorption
293 Kelvin Cross Sections

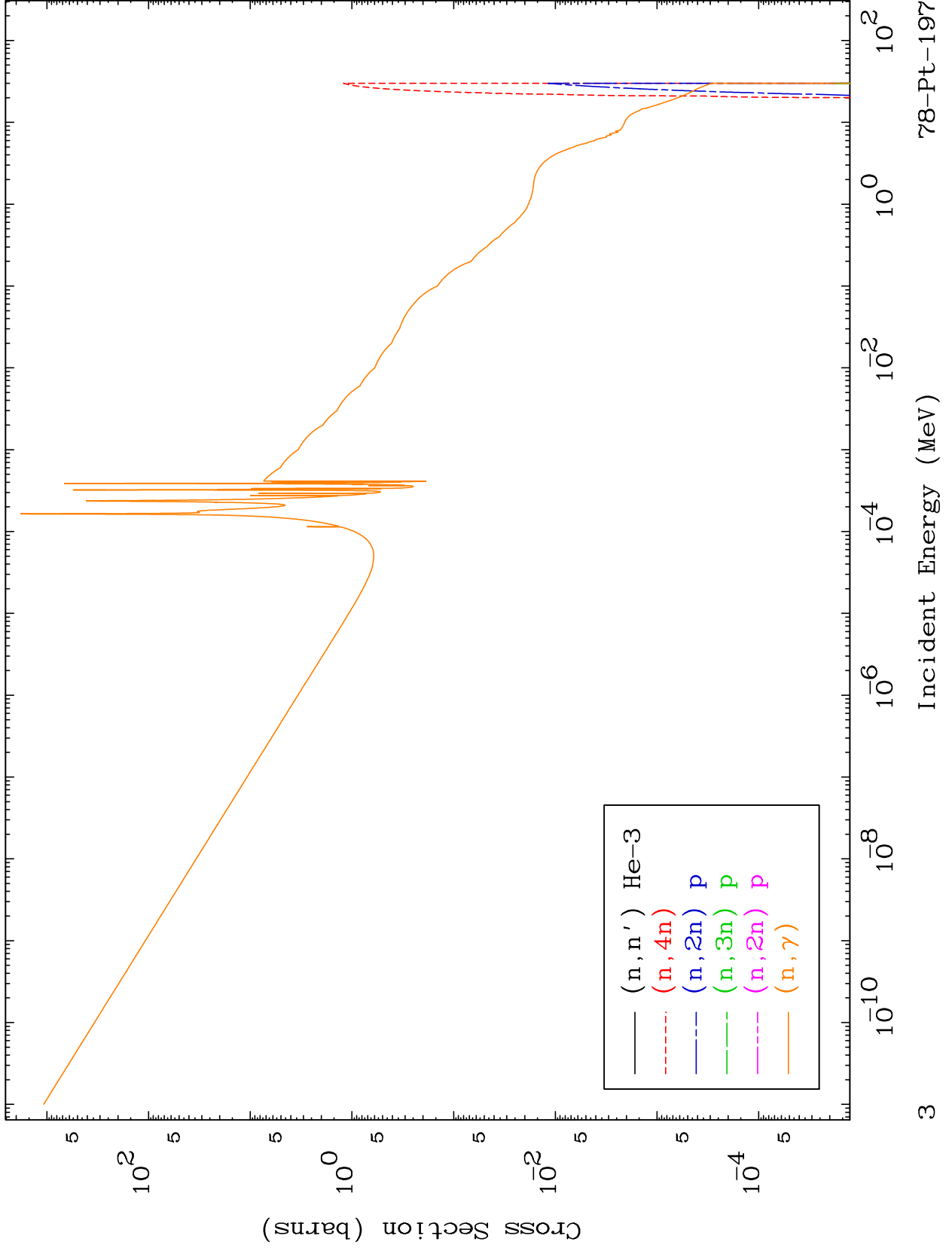
78-Pt-197

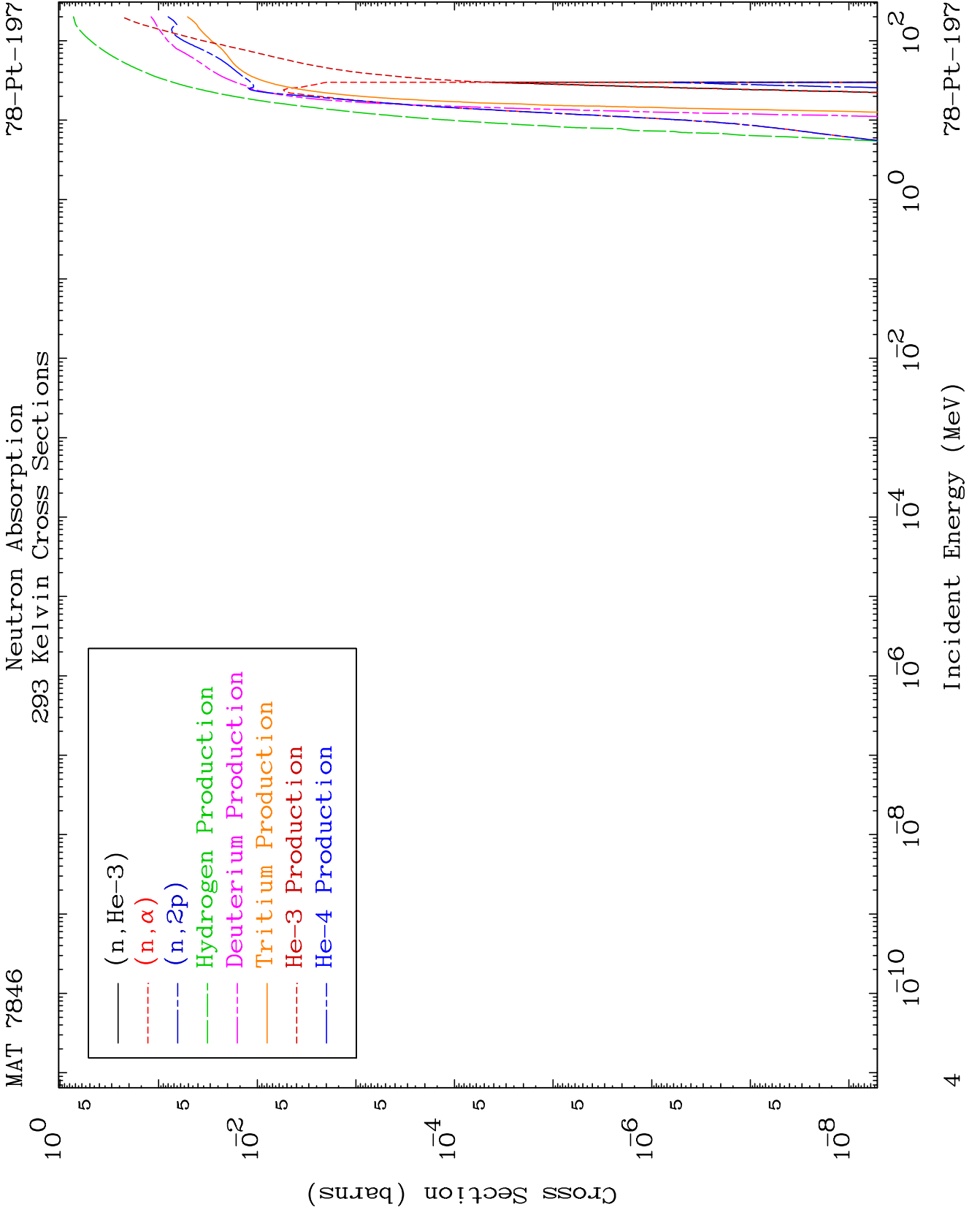


MAT 7846

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-197

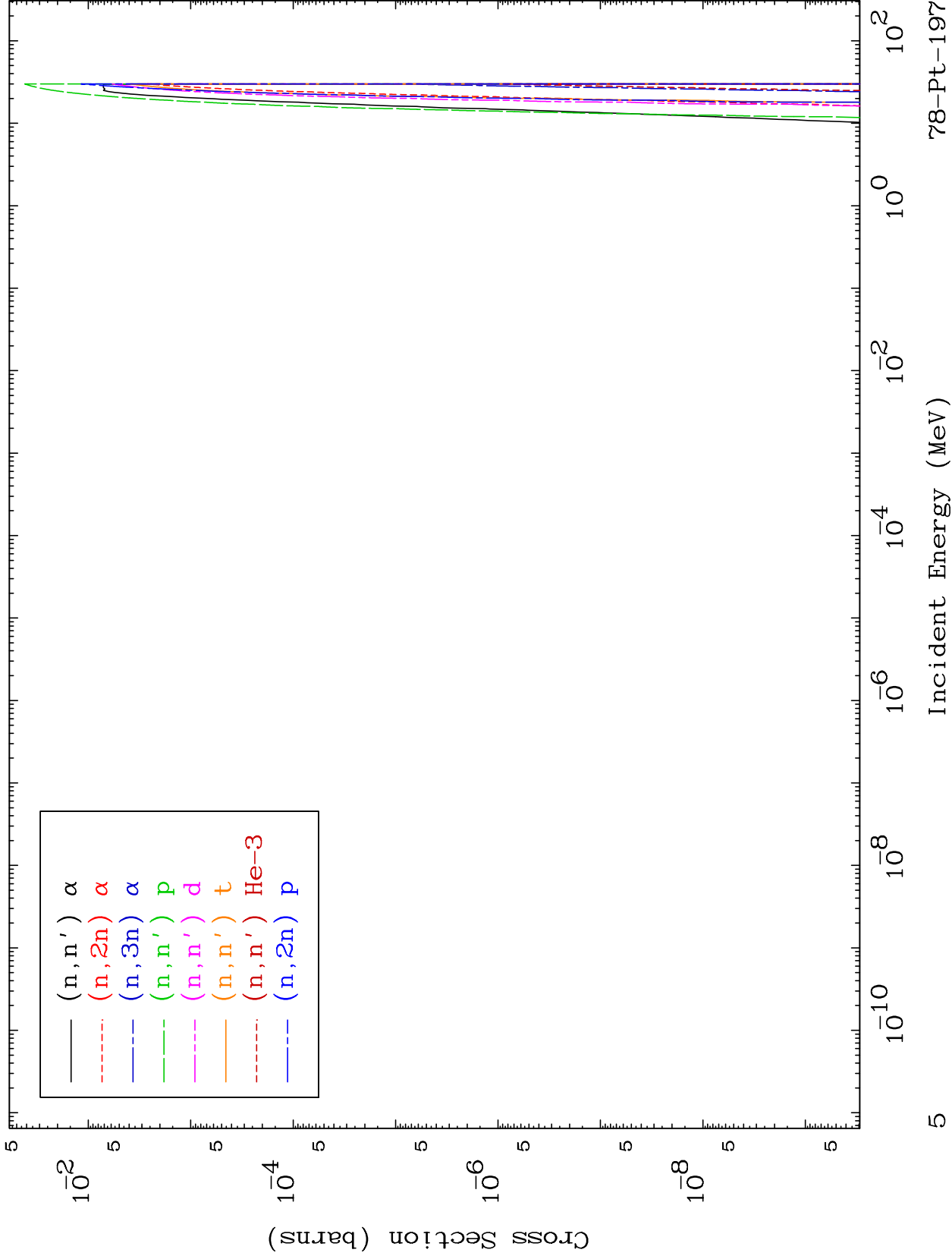




MAT 7846

Charged Particle
293 Kelvin Cross Sections

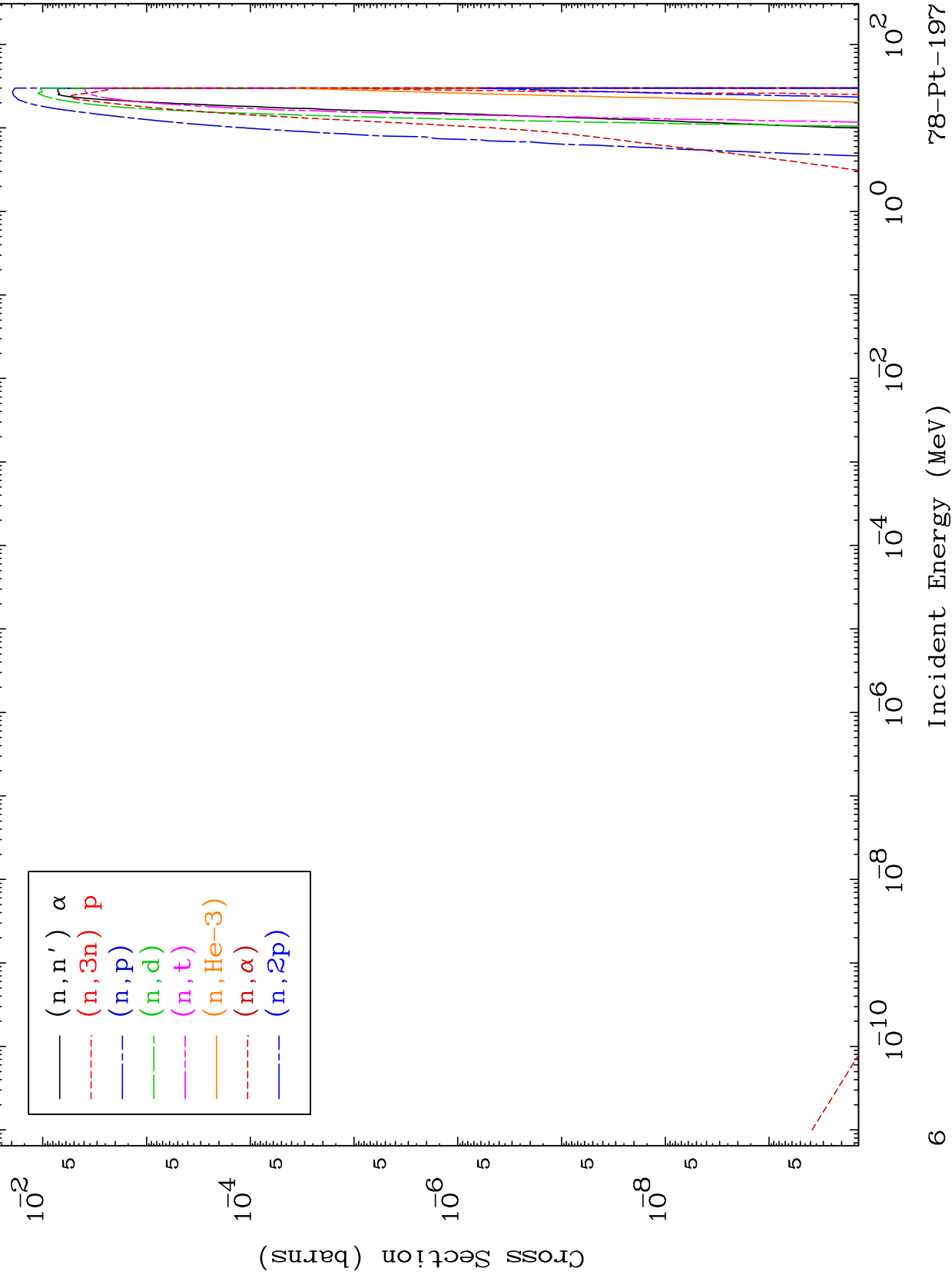
78-Pt-197



MAT 7846

Charged Particle
293 Kelvin Cross Sections

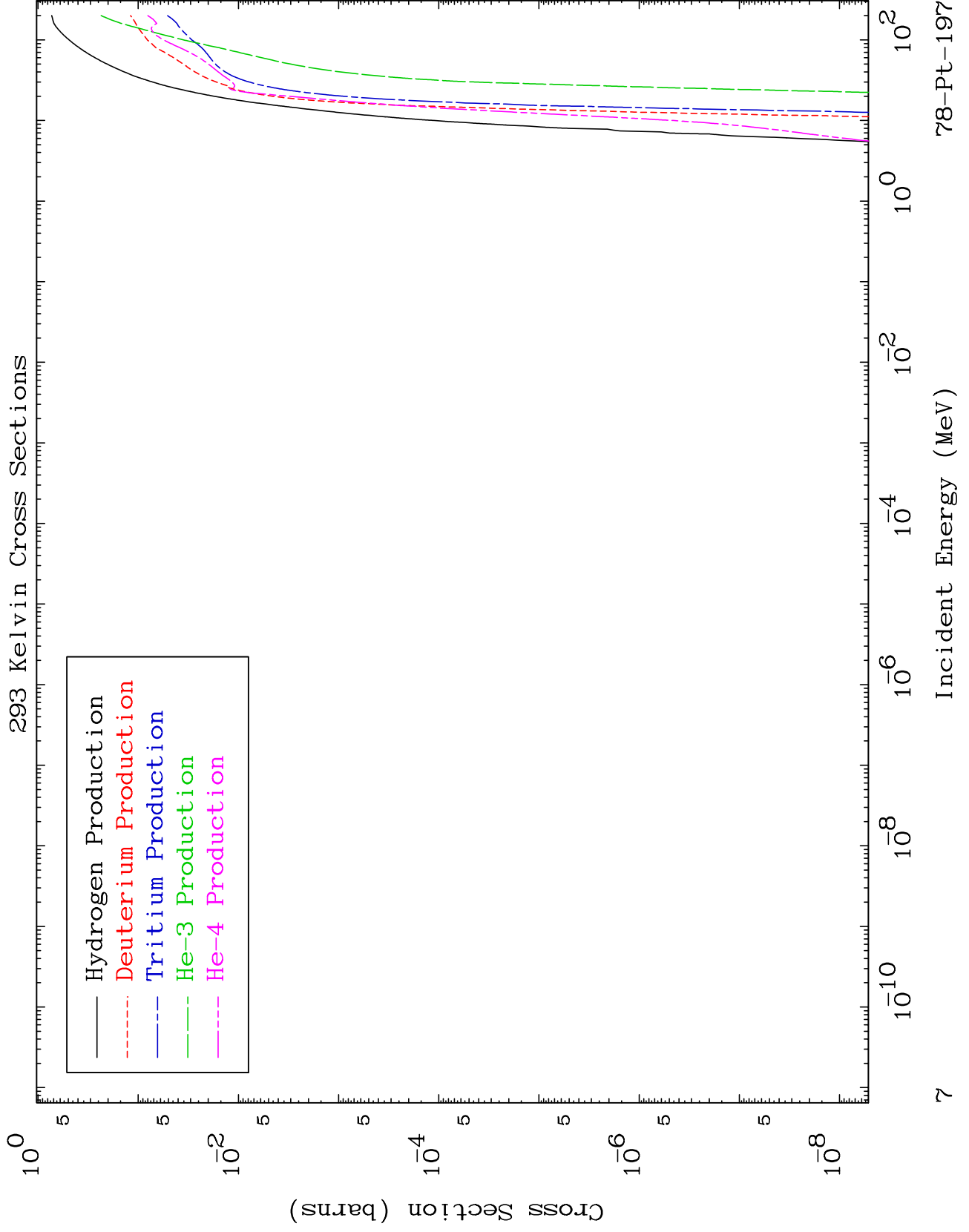
78-Pt-197



MAT 7846

Particle Production
293 Kelvin Cross Sections

78-Pt-197

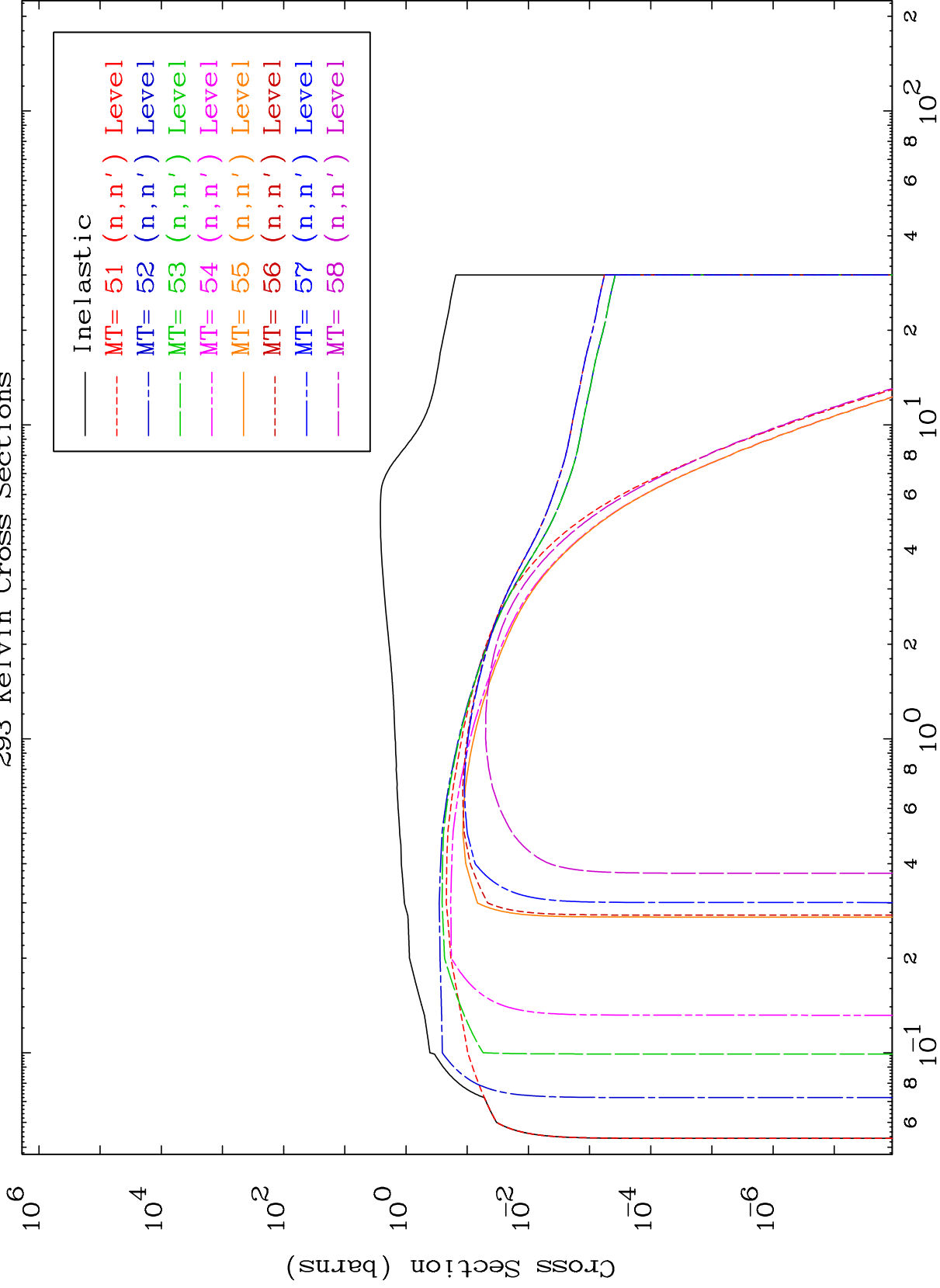


MAT 7846

(n,n') Levels

78-Pt-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

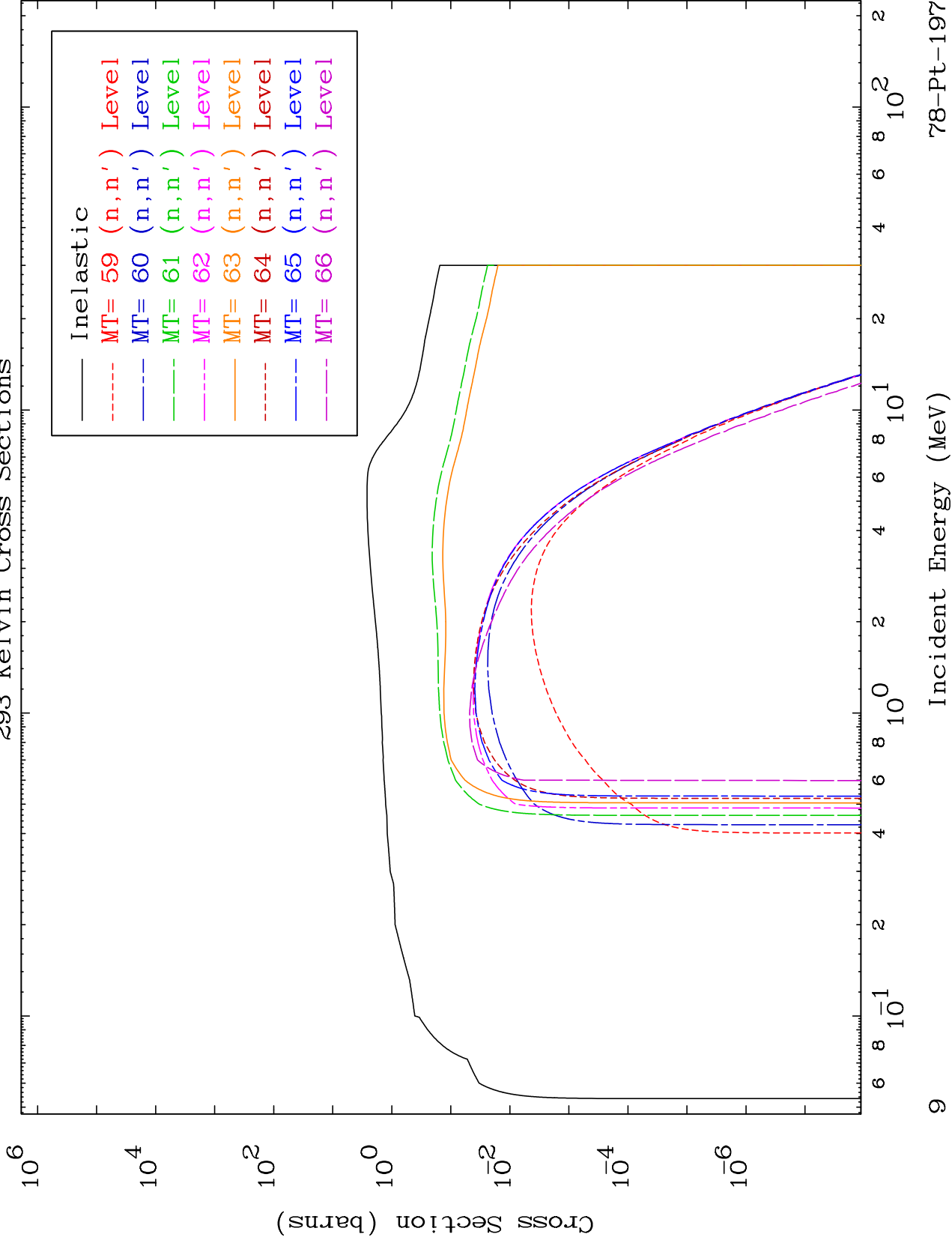
78-Pt-197

MAT 7846

(n,n') Levels

78-Pt-197

293 Kelvin Cross Sections

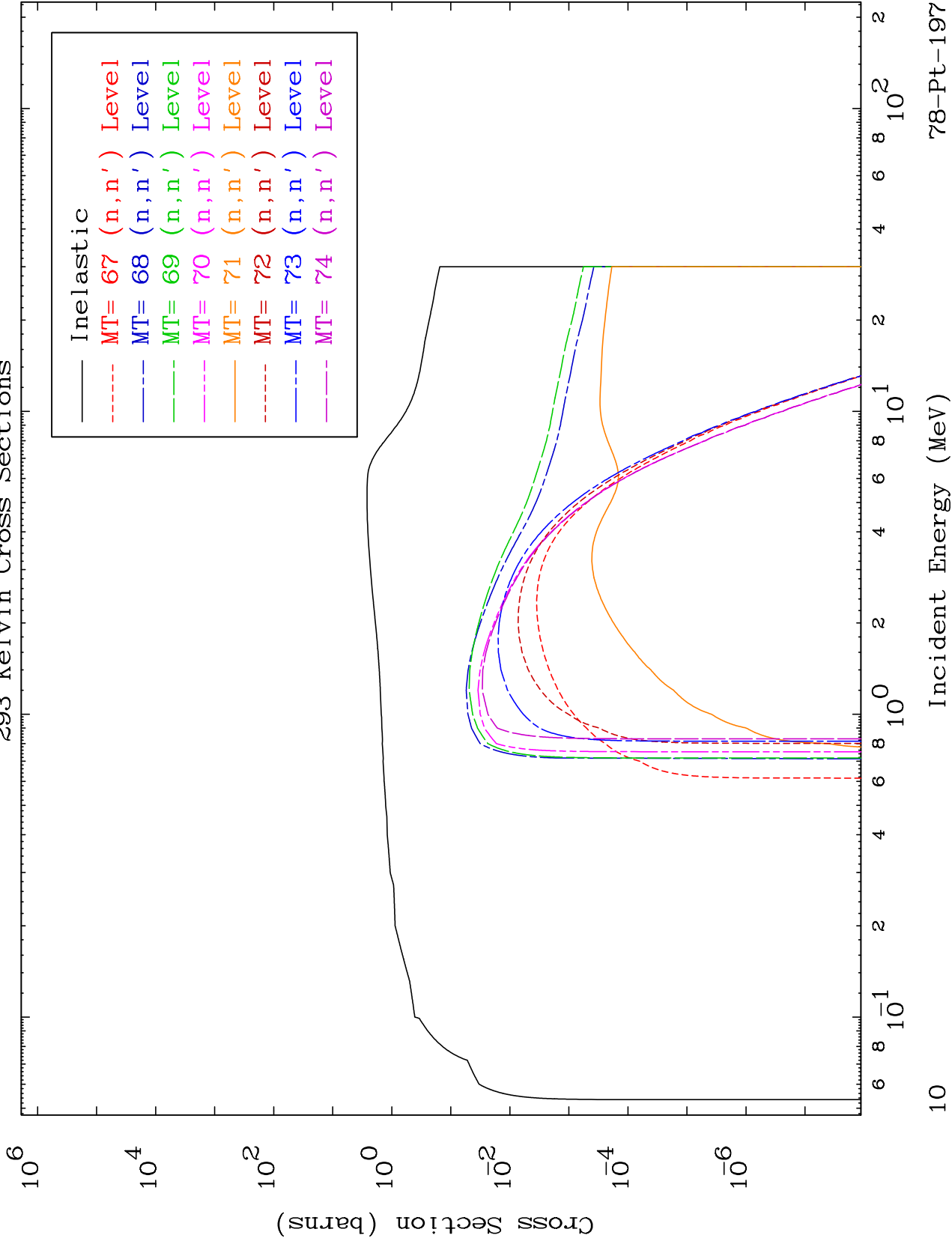


MAT 7846

(n,n') Levels

78-Pt-197

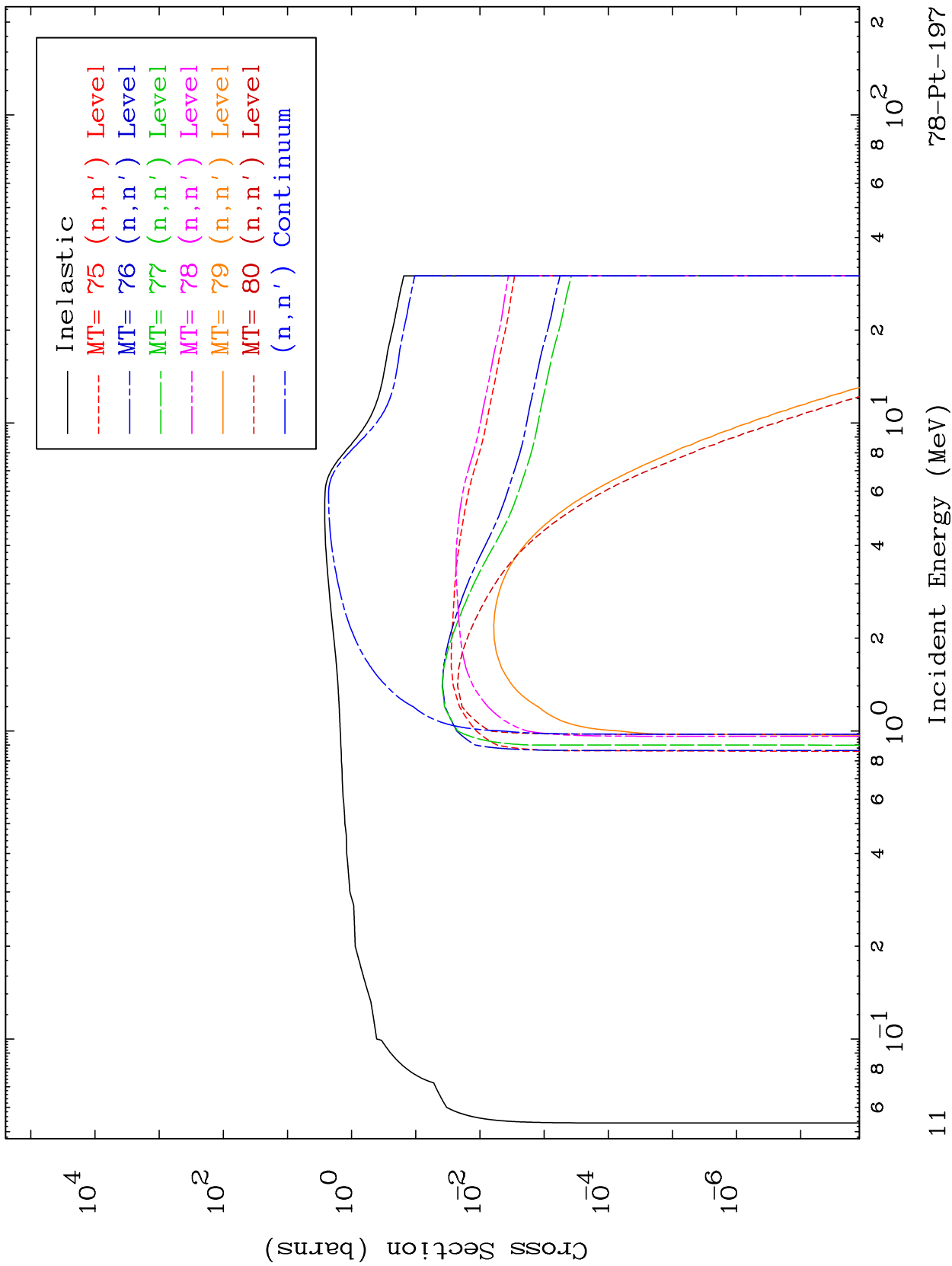
293 Kelvin Cross Sections



10

Incident Energy (MeV)

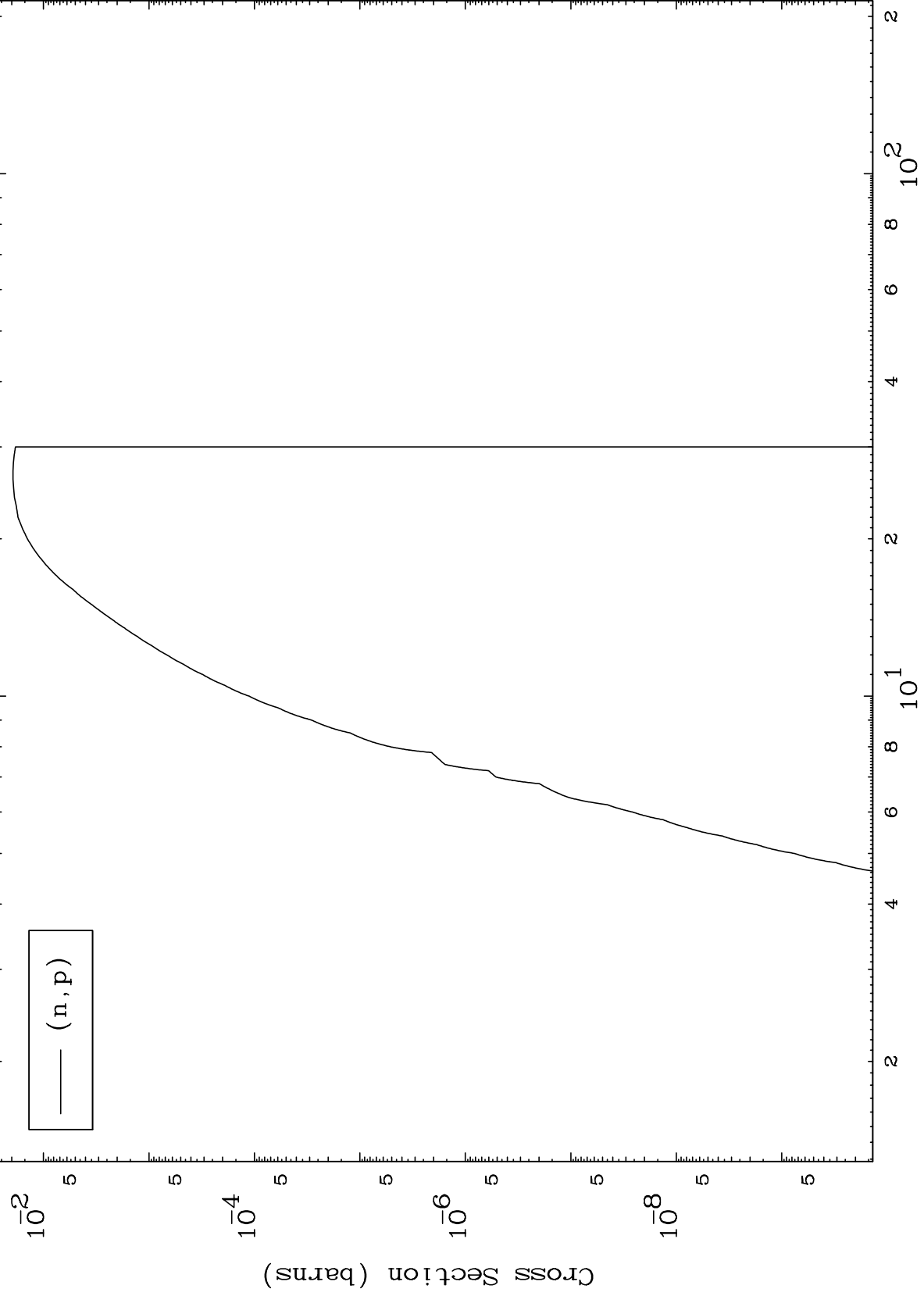
78-Pt-197



MAT 7846

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-197



12

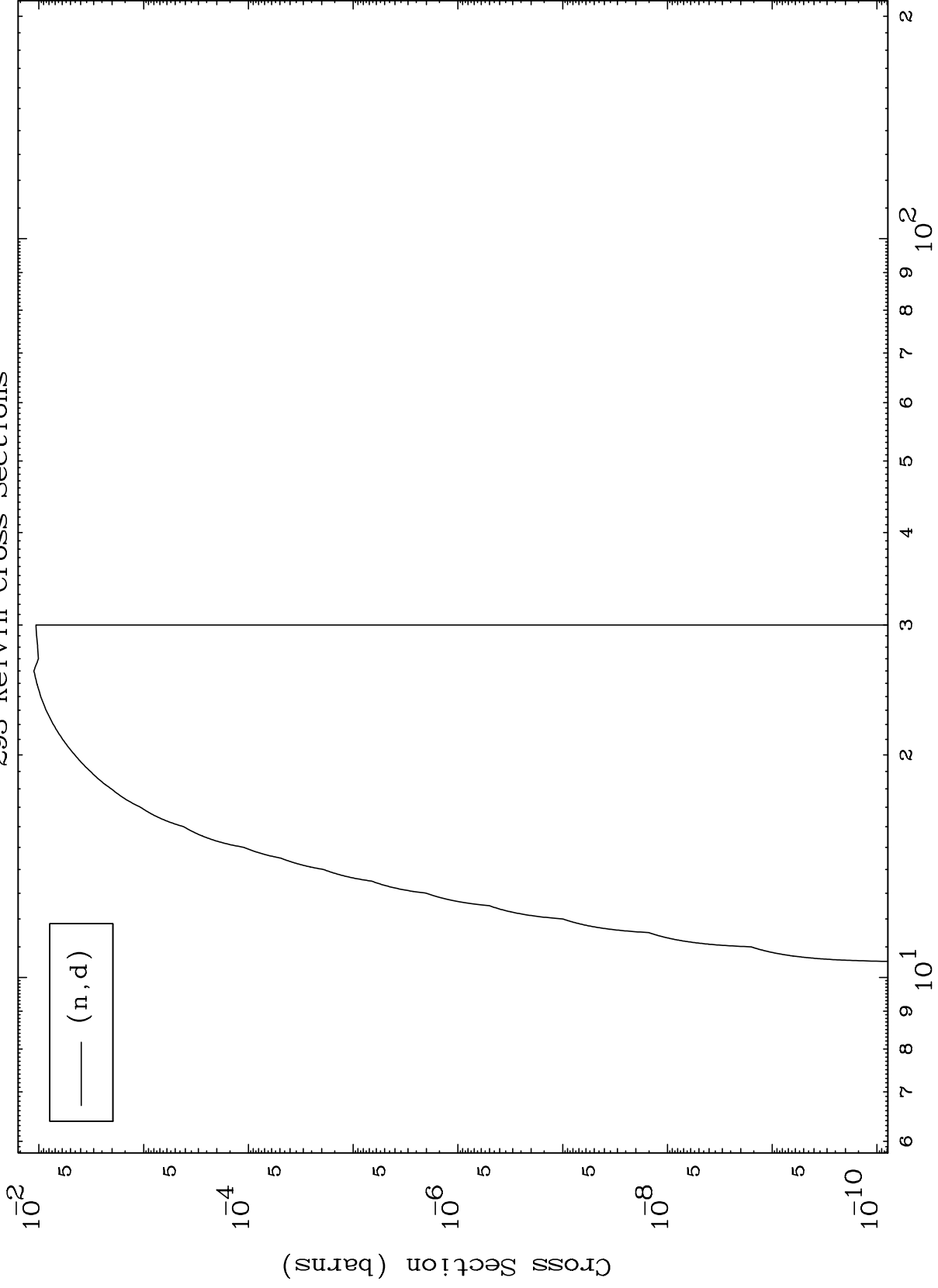
78-Pt-197

78-Pt-197

MAT 7846

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-197



13

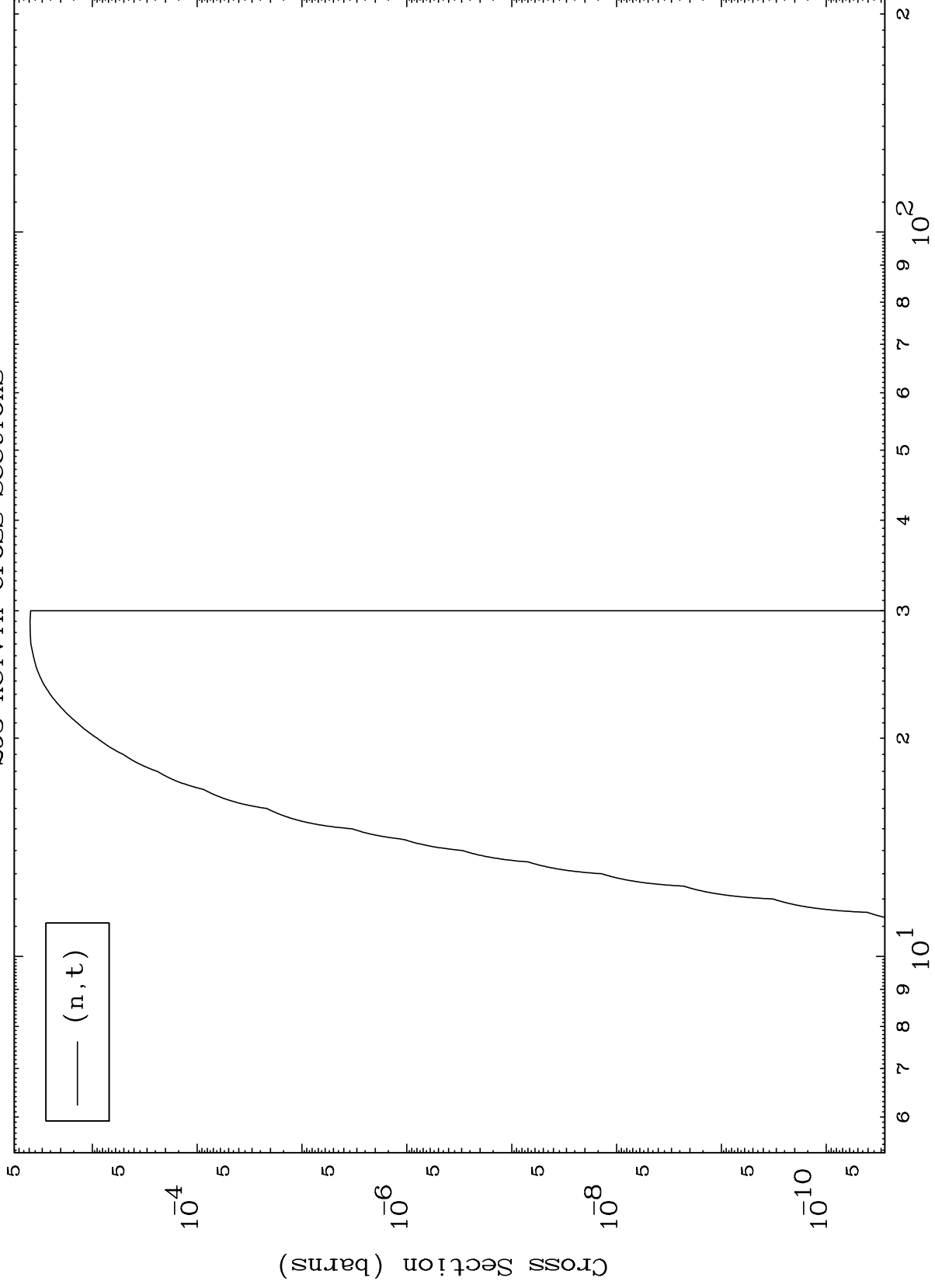
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-197



14

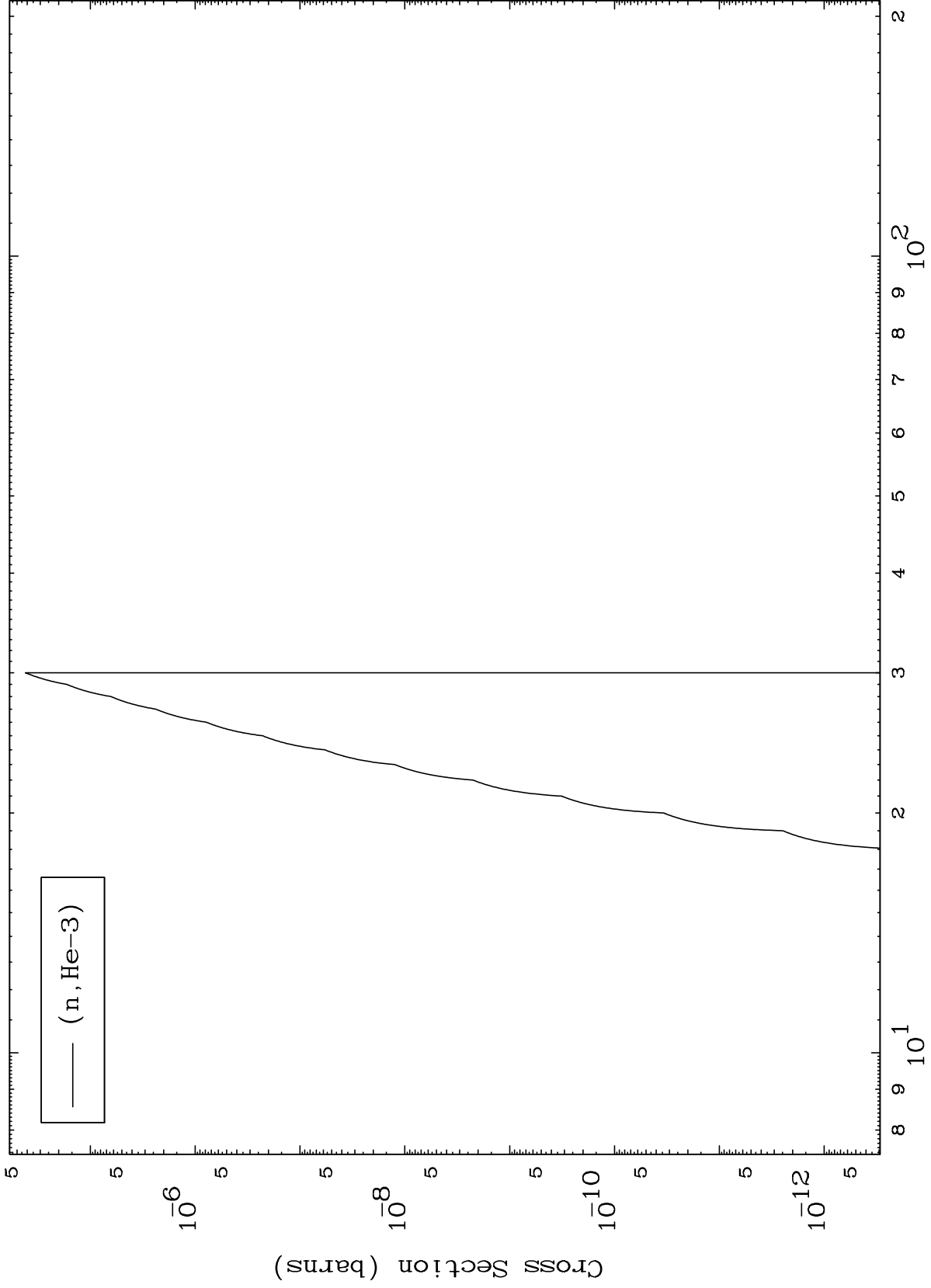
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-197



15

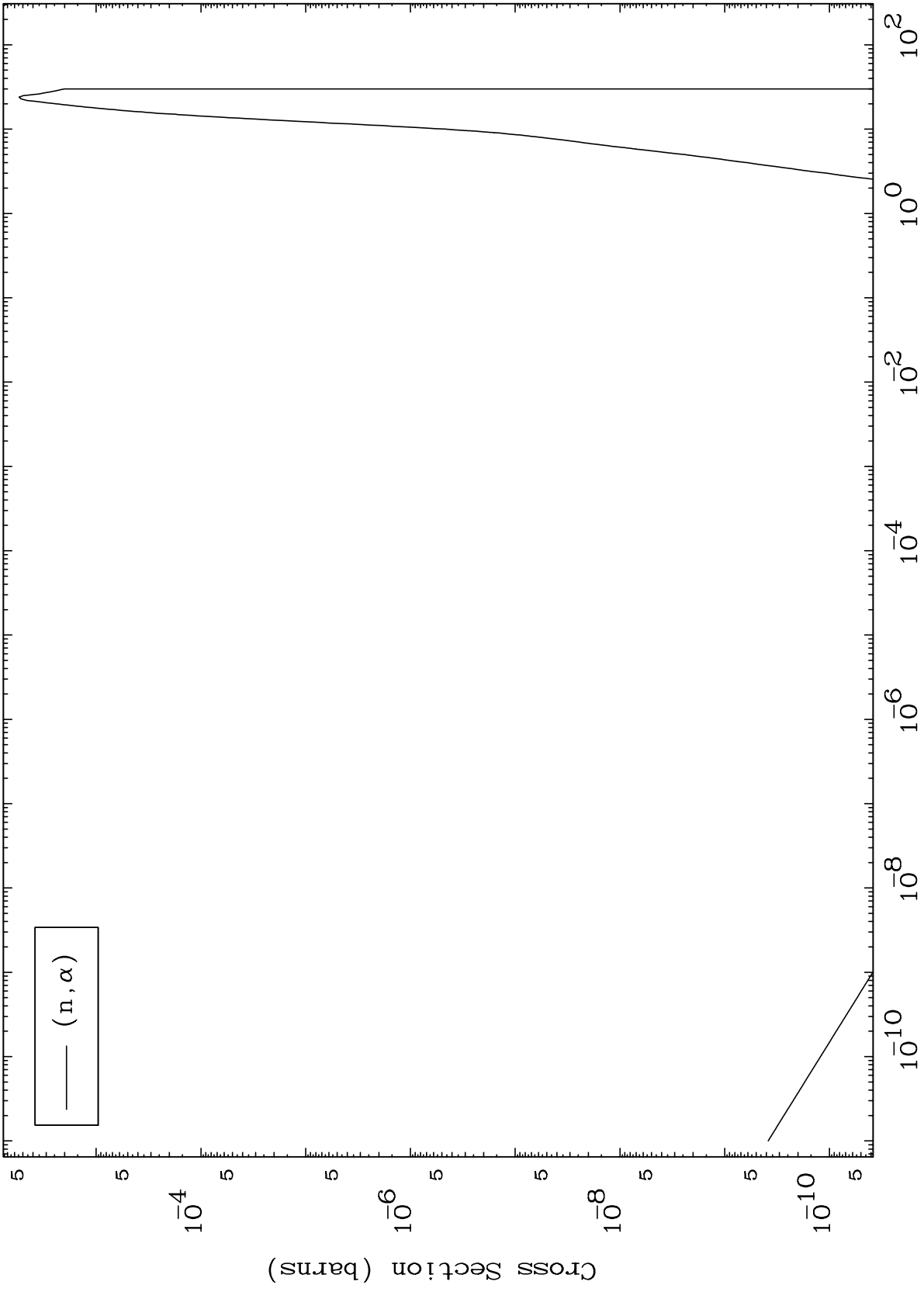
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n, α) Levels
293 Kelvin Cross Sections

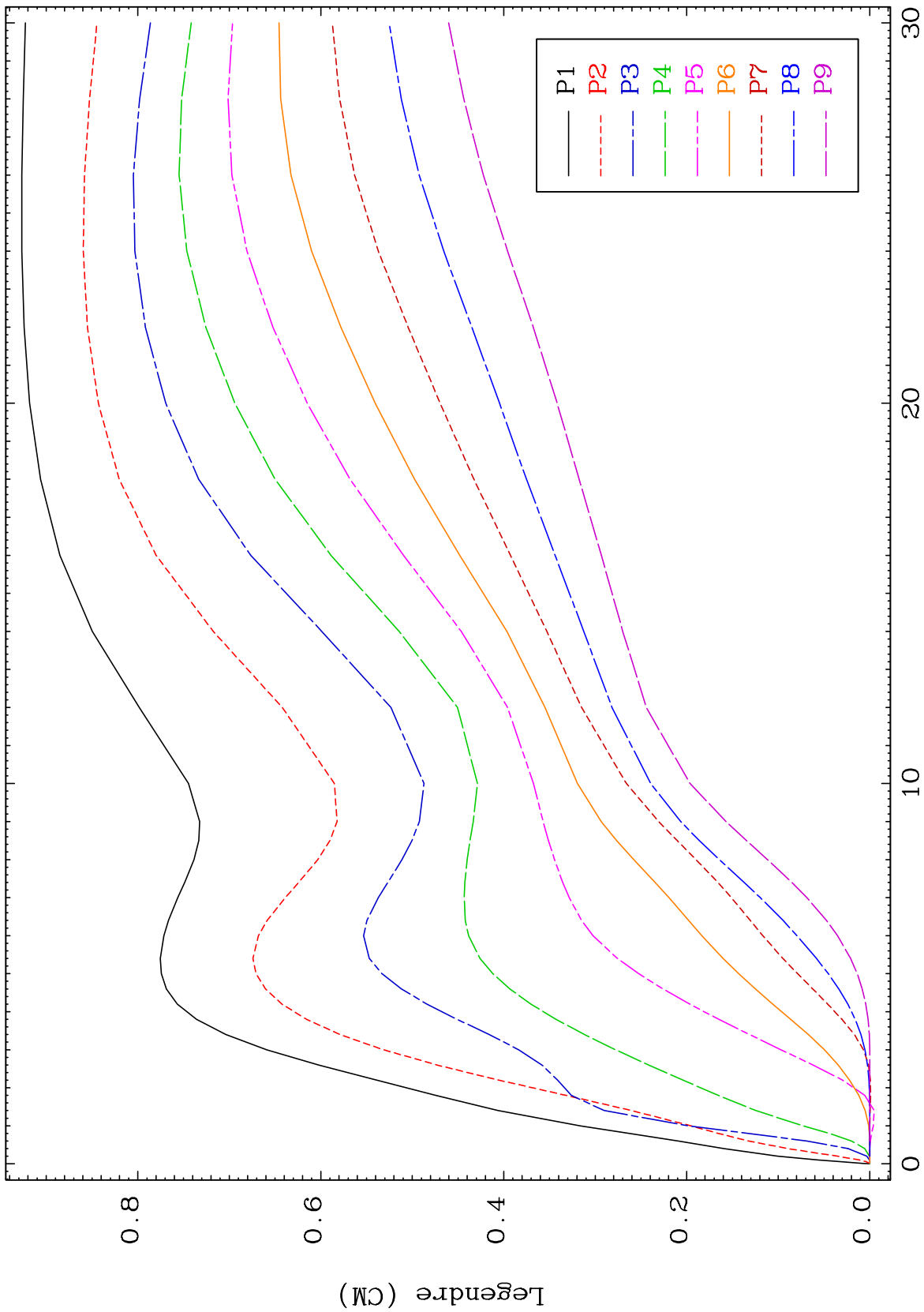
78-Pt-197



MAT 7846

78-Pt-197

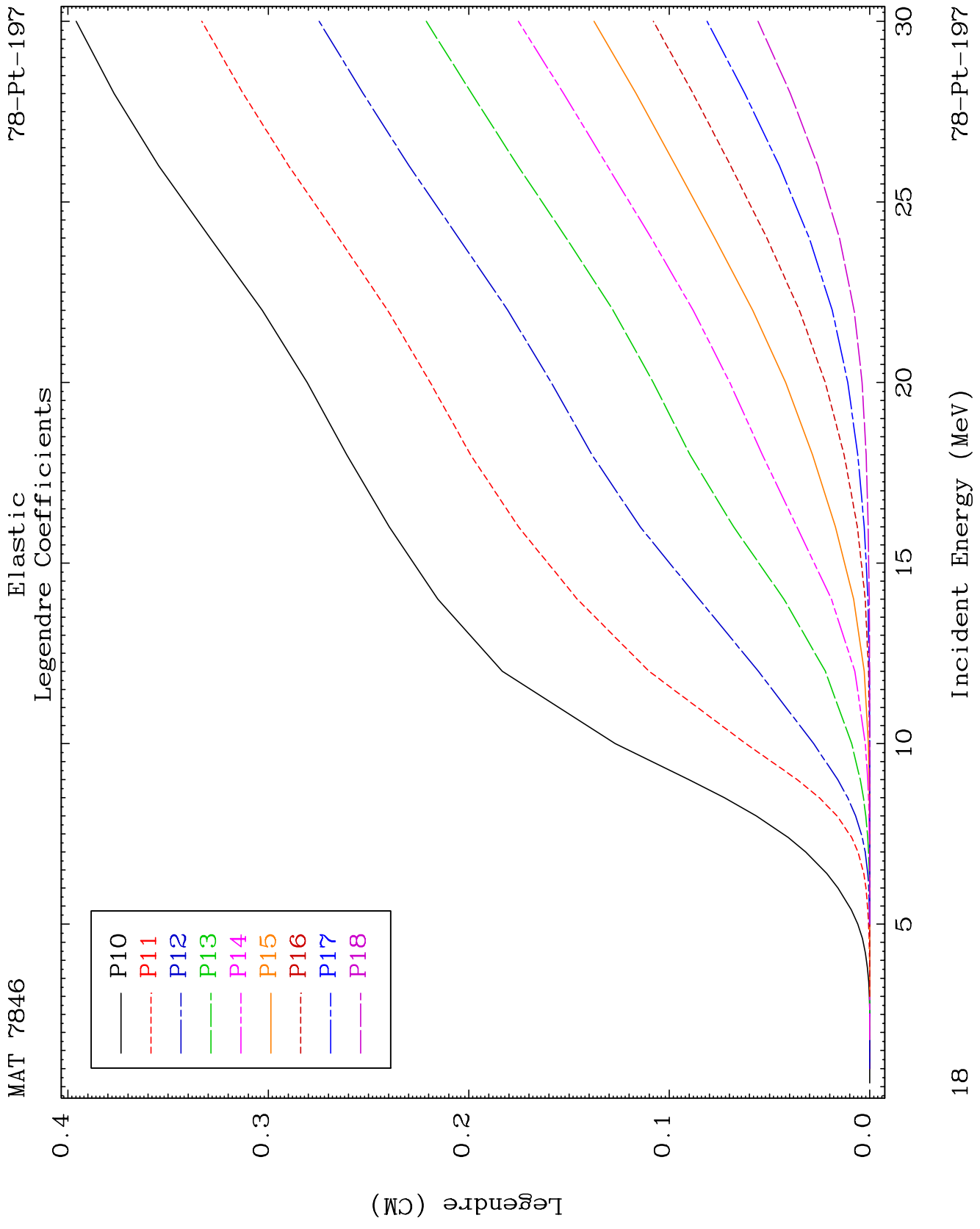
Elastic Legendre Coefficients



17

Incident Energy (MeV)

78-Pt-197



MAT 7846

Elastic Legendre Coefficients

$^{78}\text{Pt-197}$

18

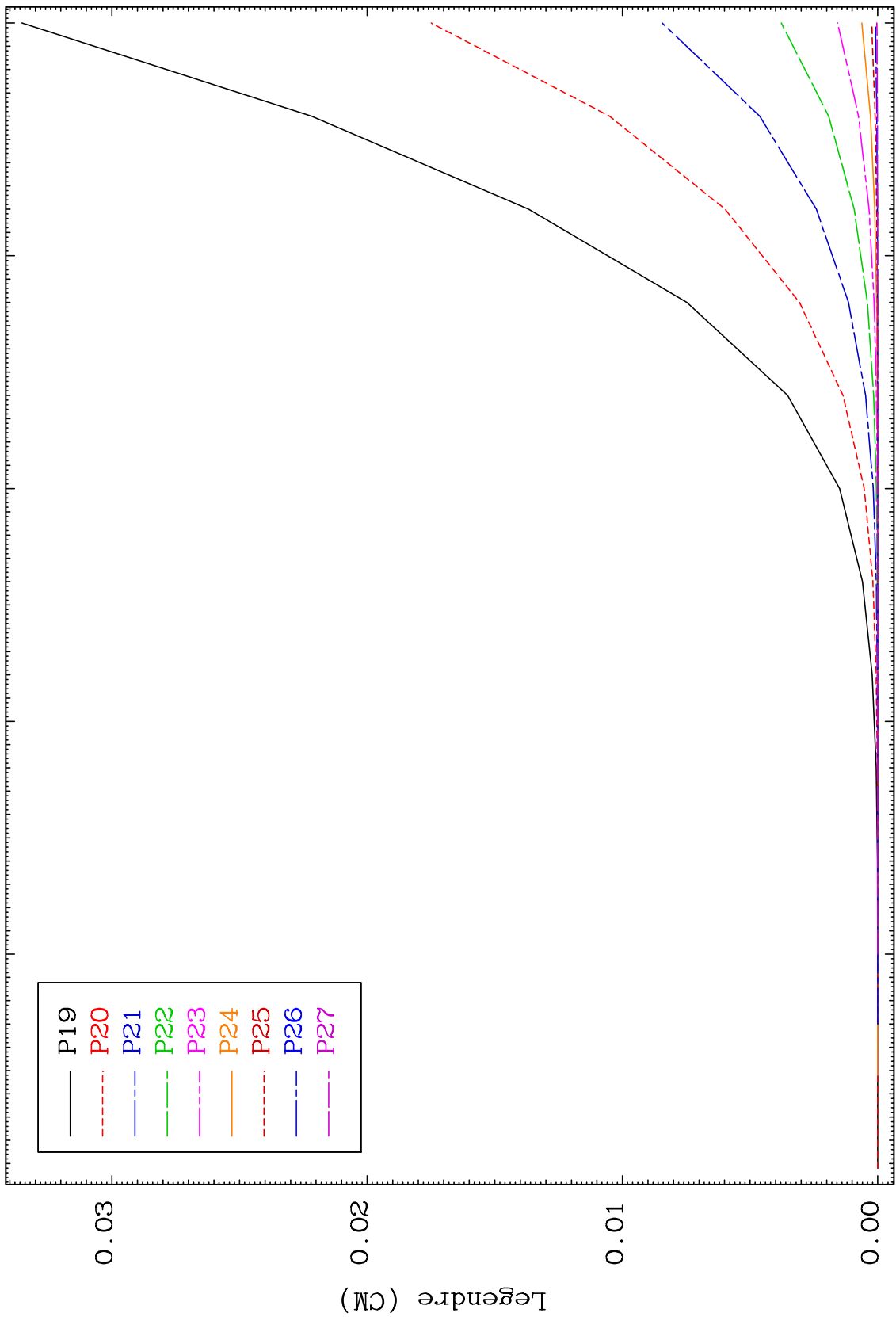
Incident Energy (MeV)

$^{78}\text{Pt-197}$

MAT 7846

Elastic Legendre Coefficients

78-Pt-197



19

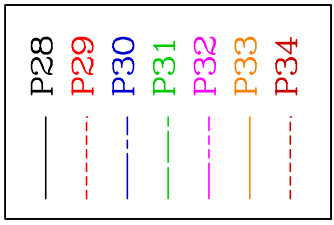
Incident Energy (MeV)

78-Pt-197

MAT 7846

Elastic Legendre Coefficients

78-Pt-197



$\times 10^{-5}$
1.0
0.8

Legendre (CM)

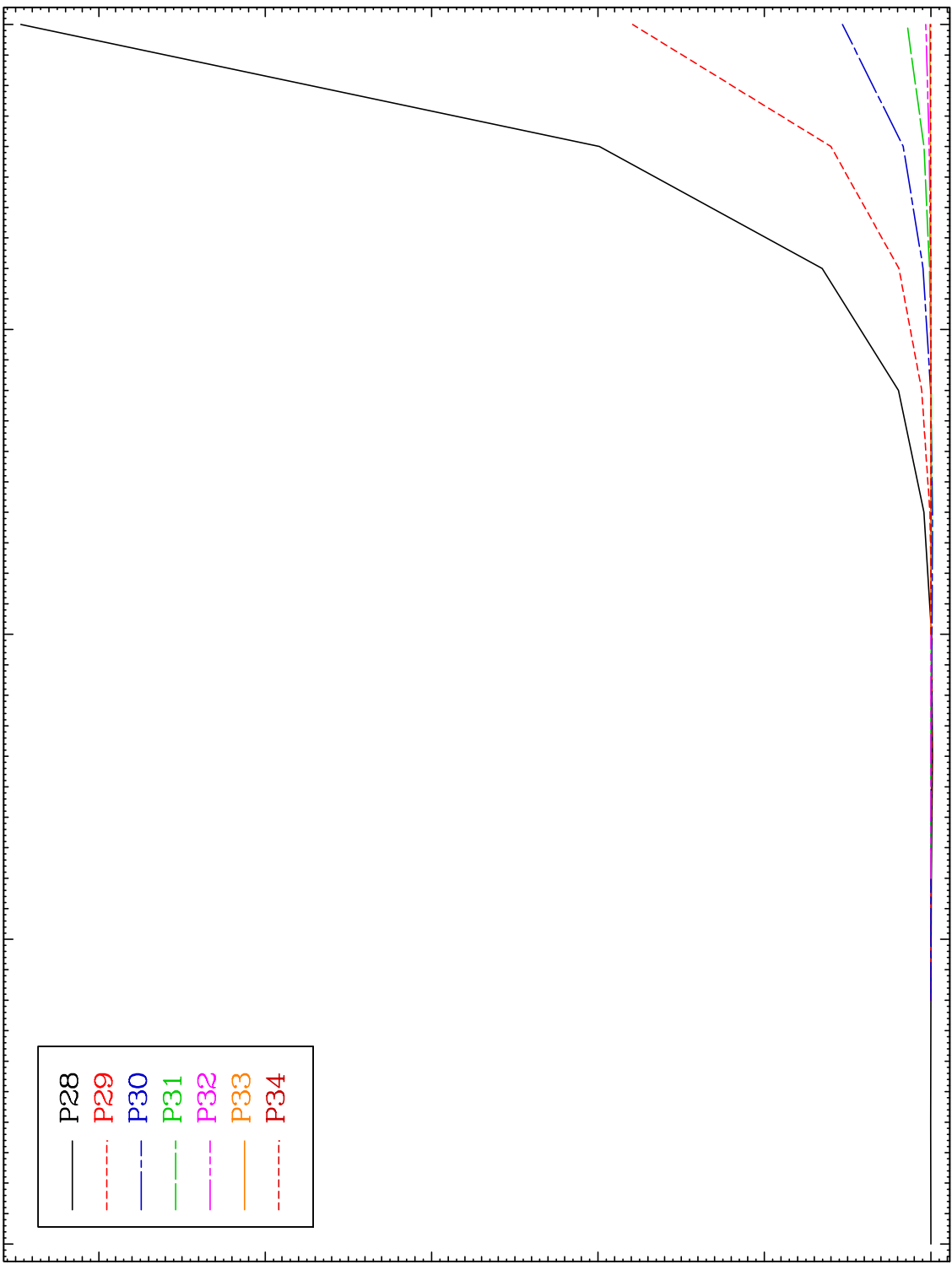
0.6
0.4
0.2
0.0

10
15
20
25
30

20

Incident Energy (MeV)

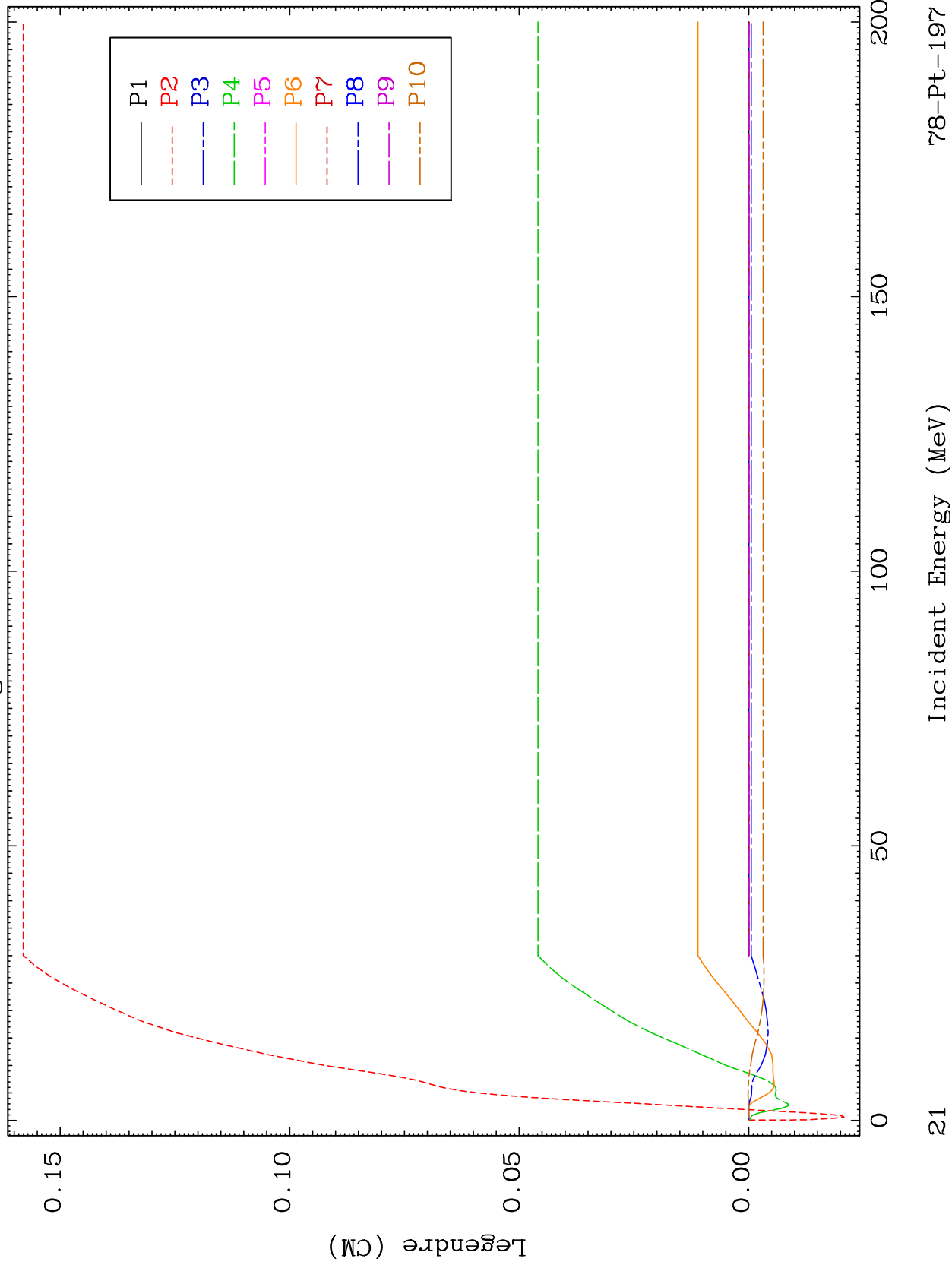
78-Pt-197



MAT 7846

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

78-Pt-197

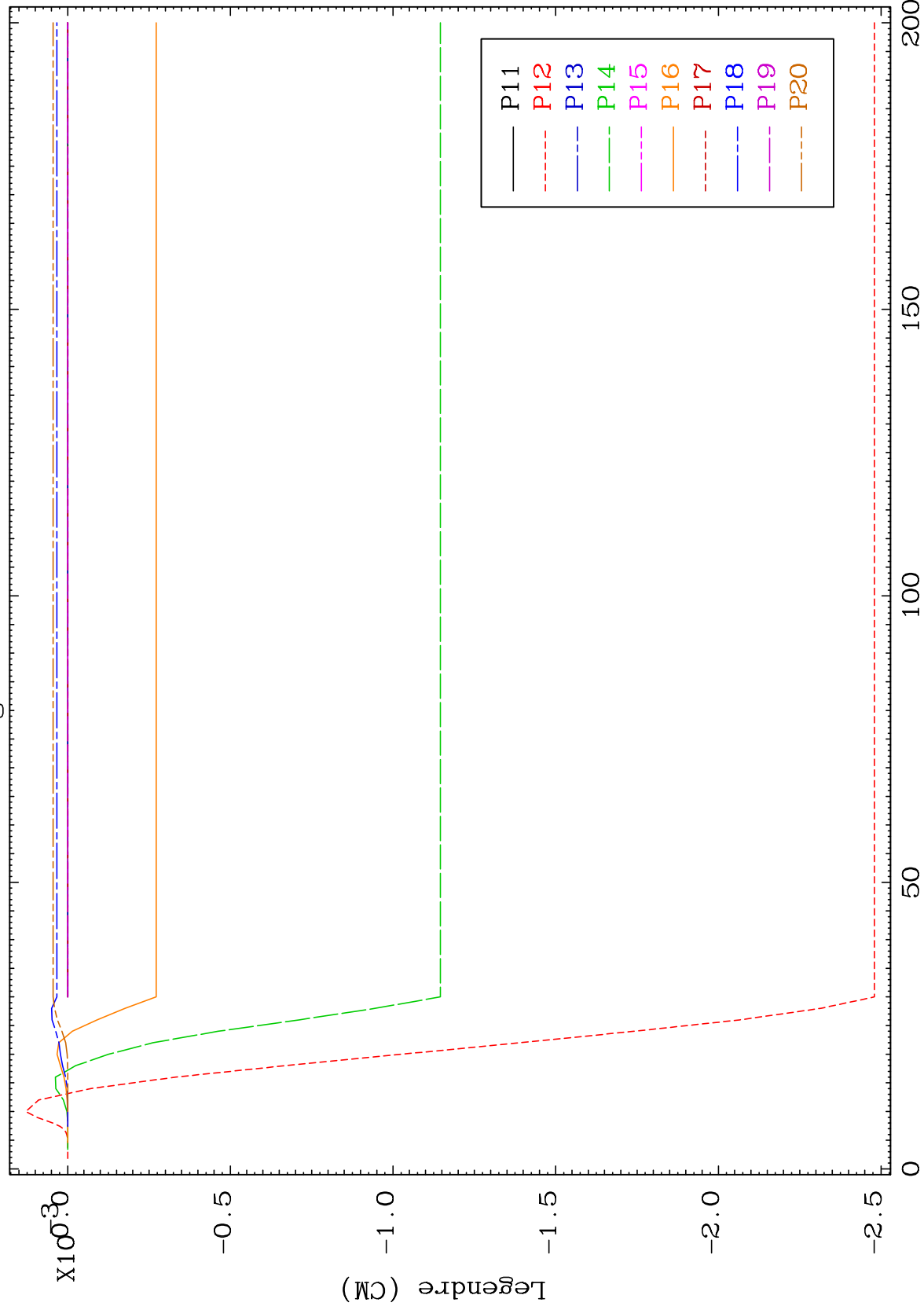


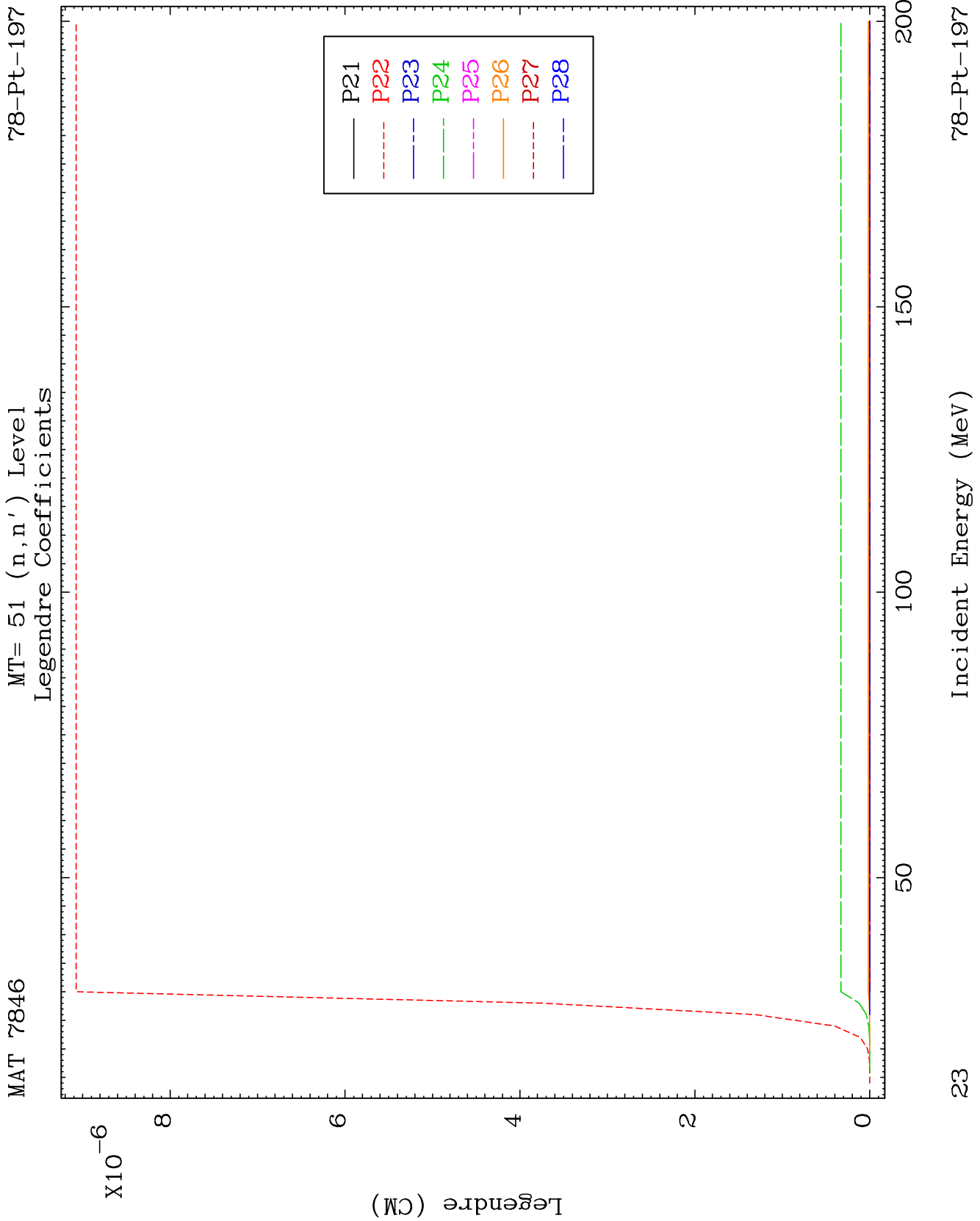
21

MAT 7846

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

78-Pt-197

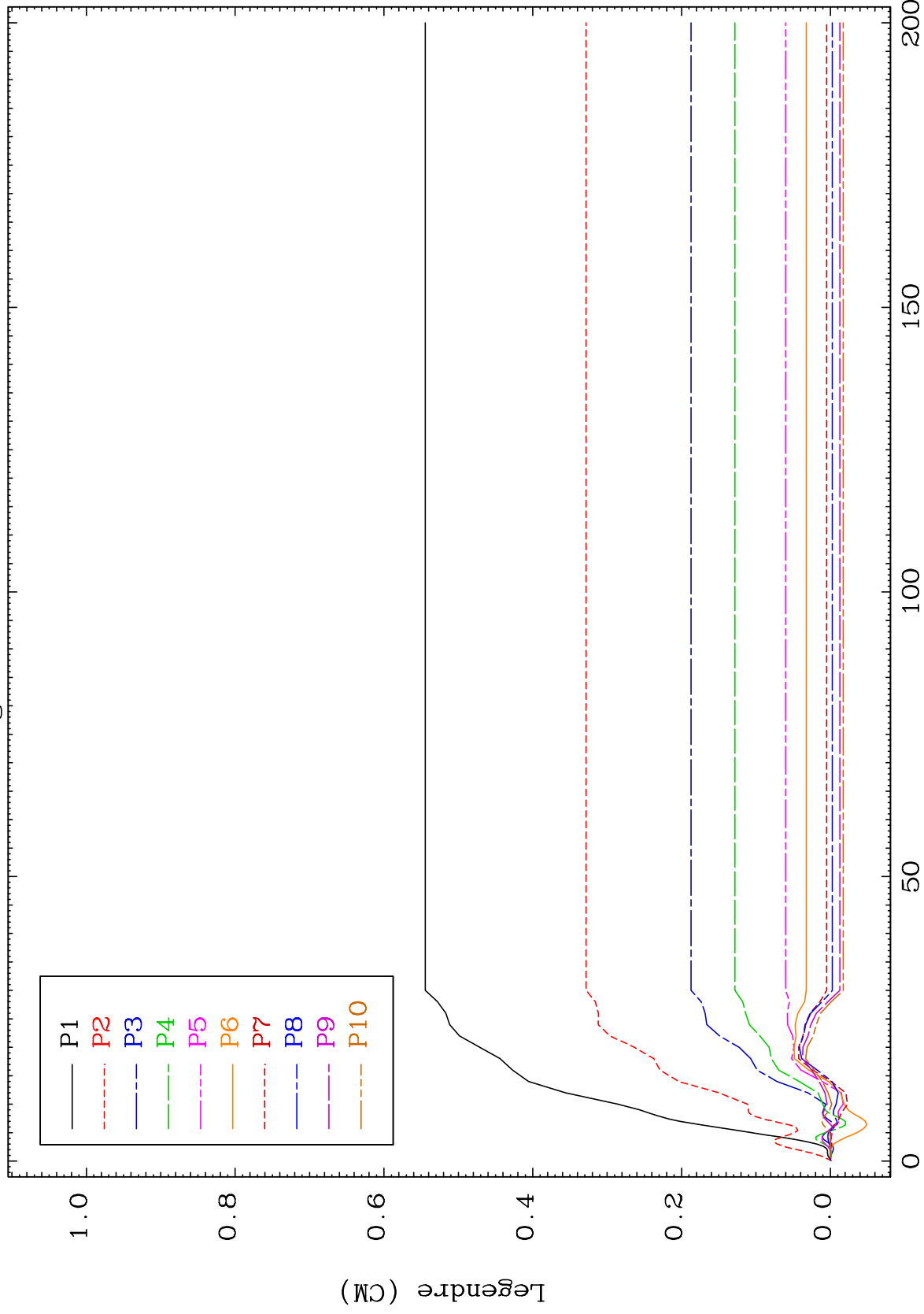




MAT 7846

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

78-Pt-197



24

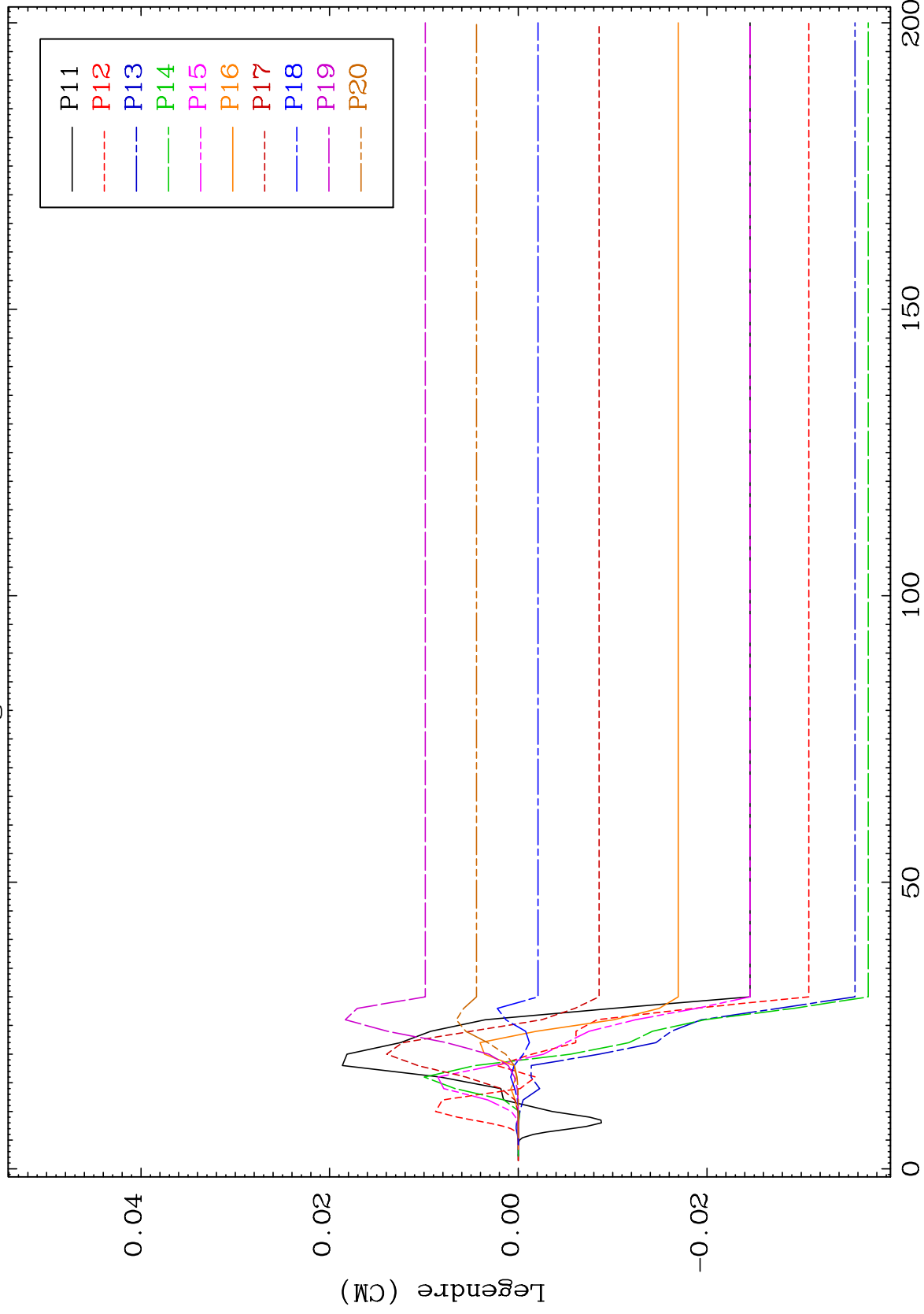
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



25

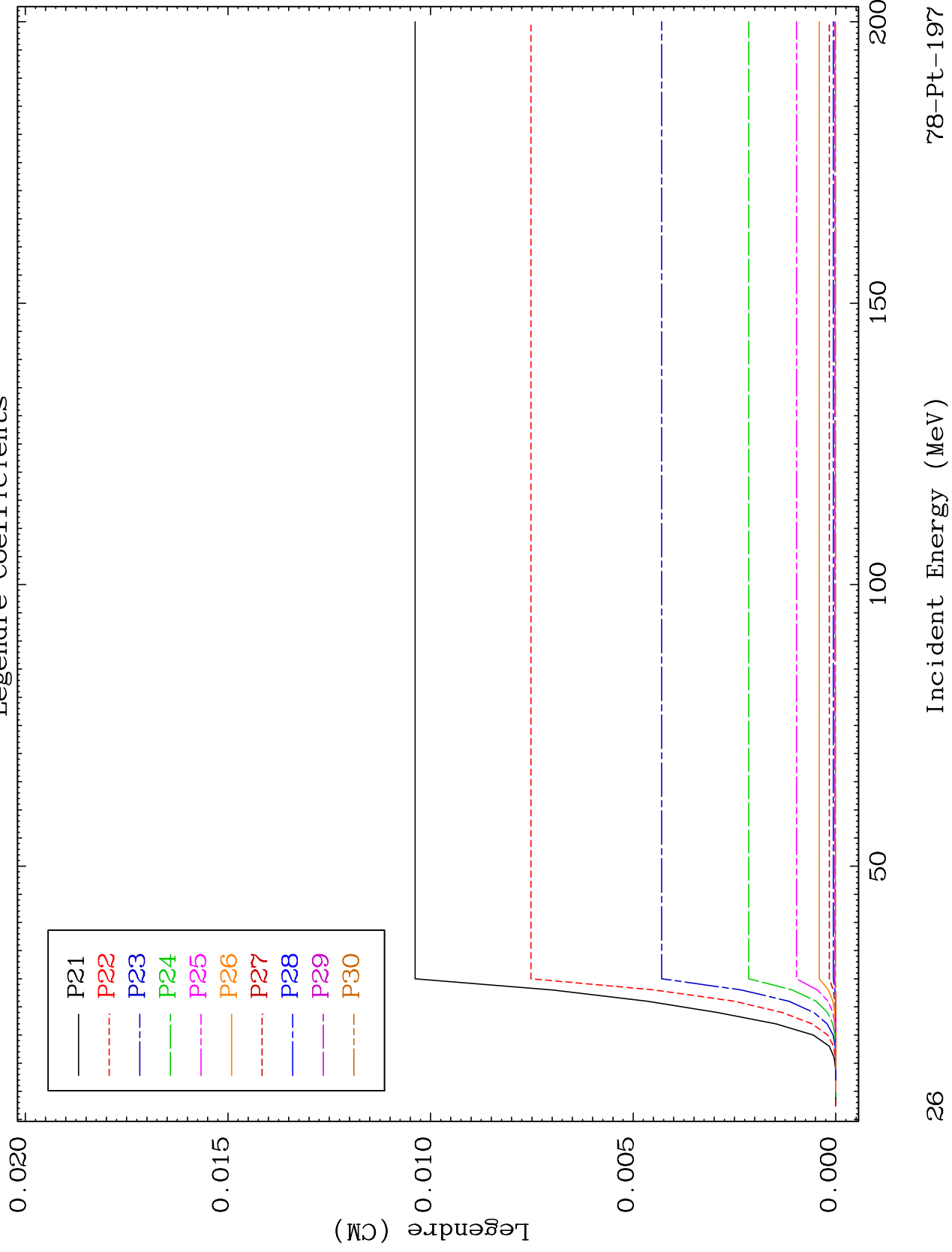
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



26

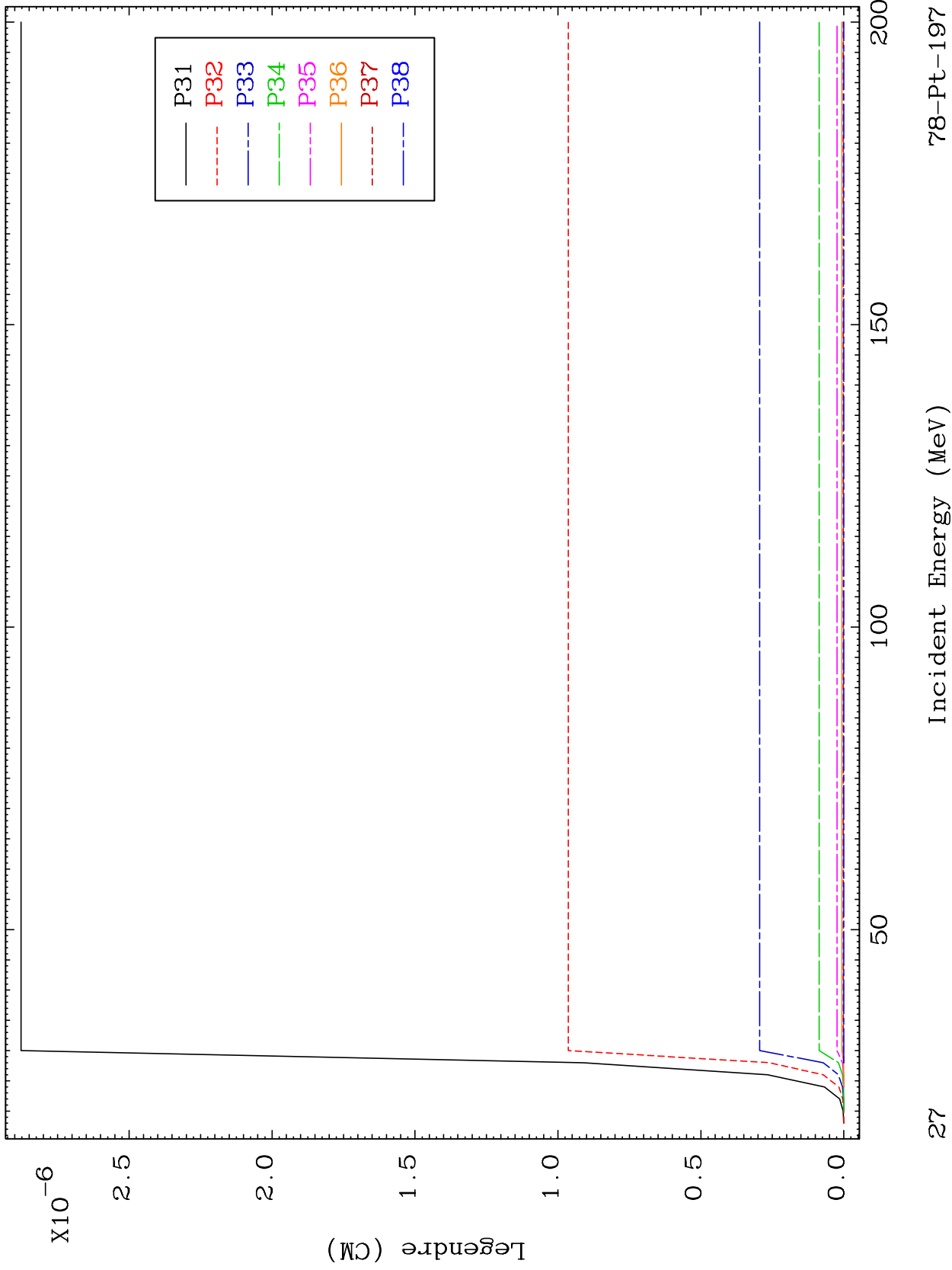
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



27

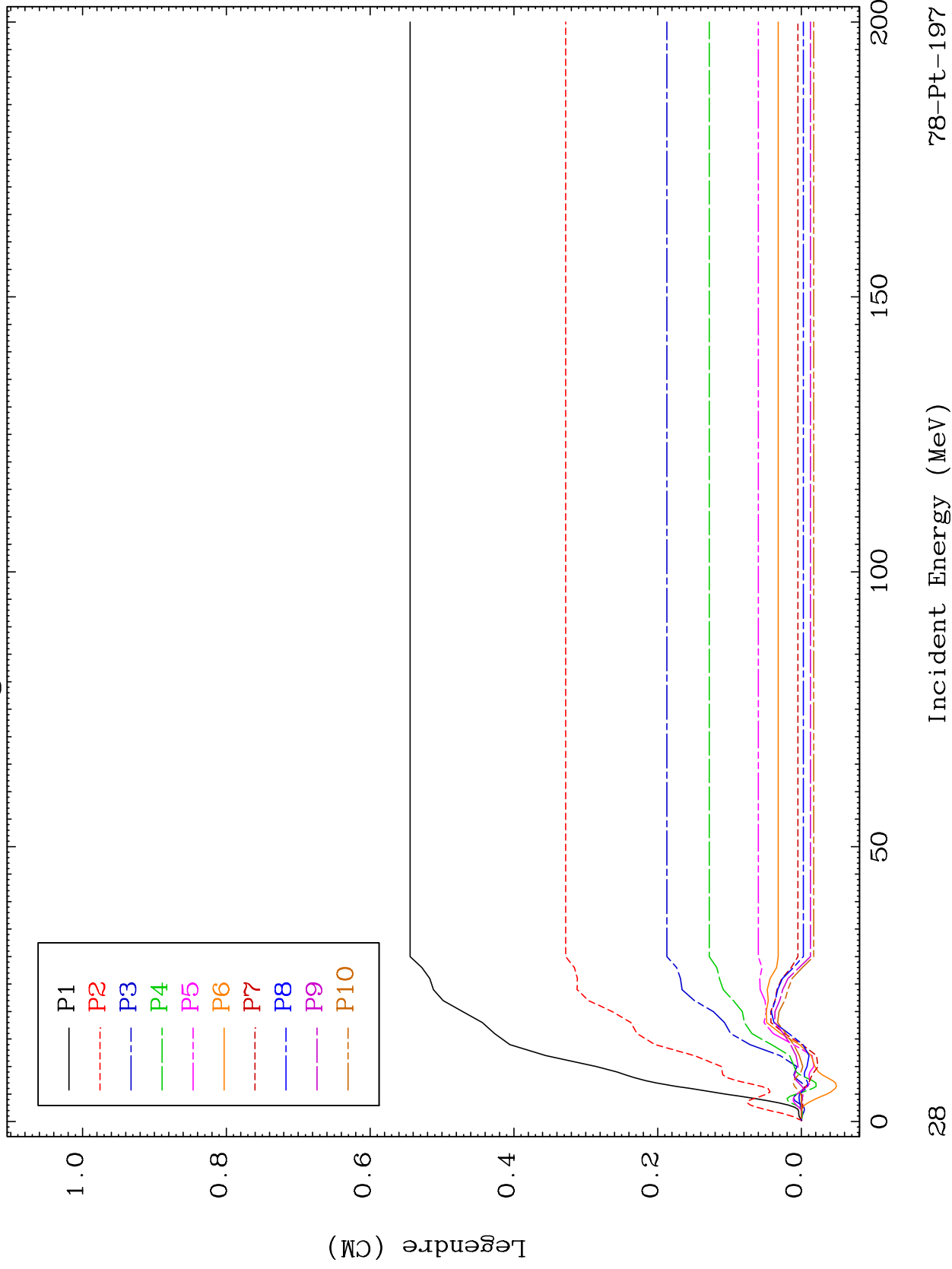
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

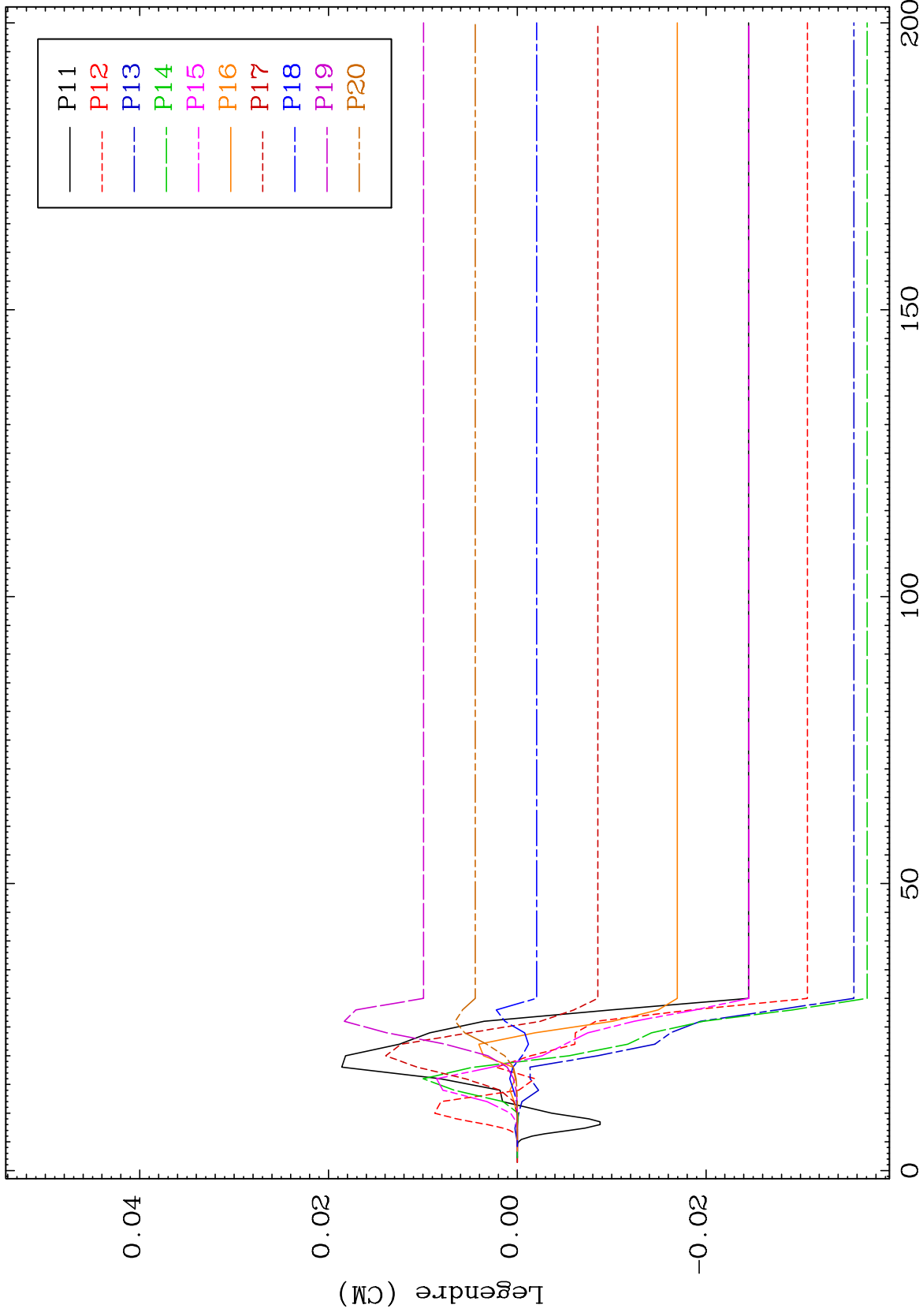
78-Pt-197



MAT 7846

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

78-Pt-197



29

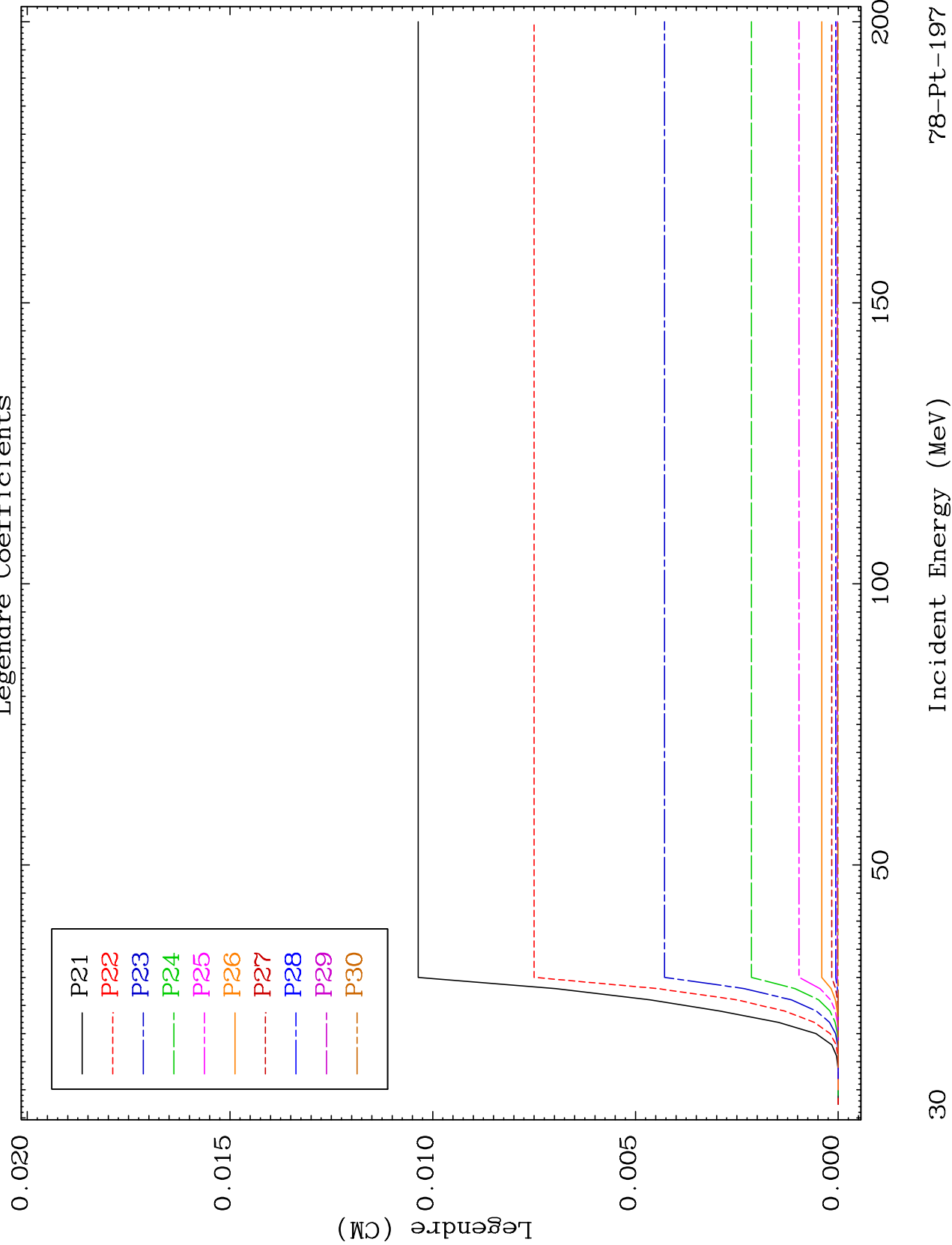
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



78-Pt-197

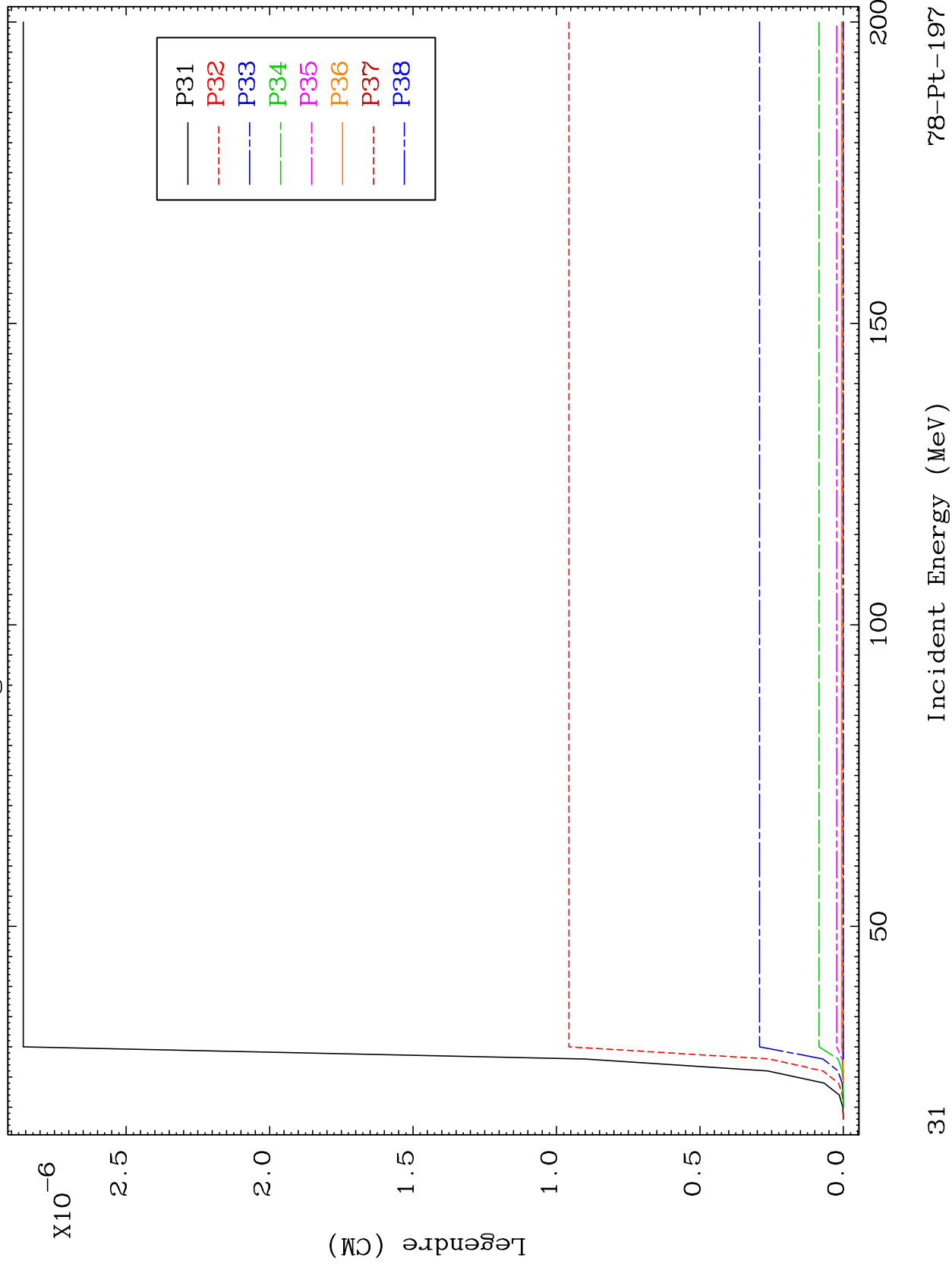
Incident Energy (MeV)

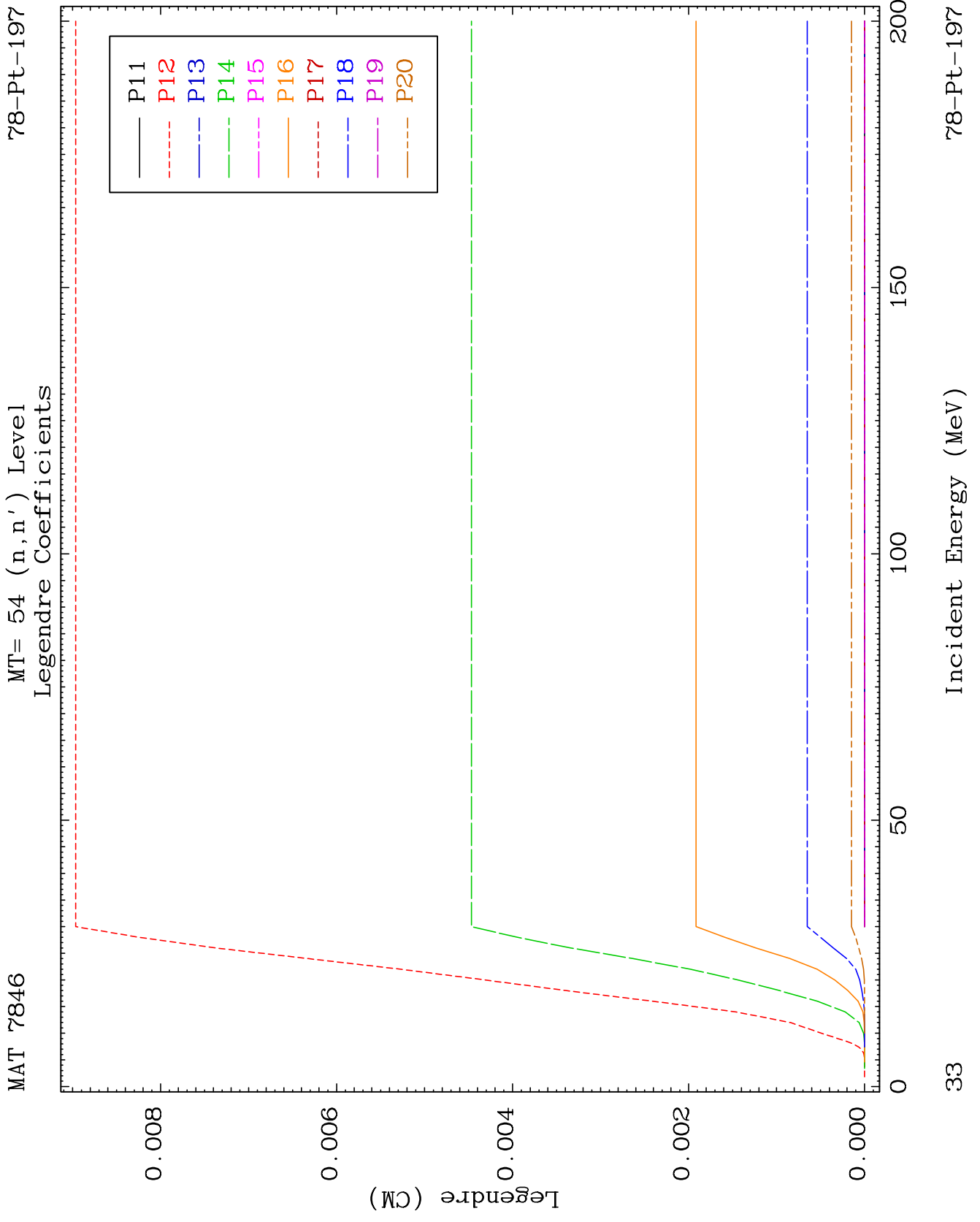
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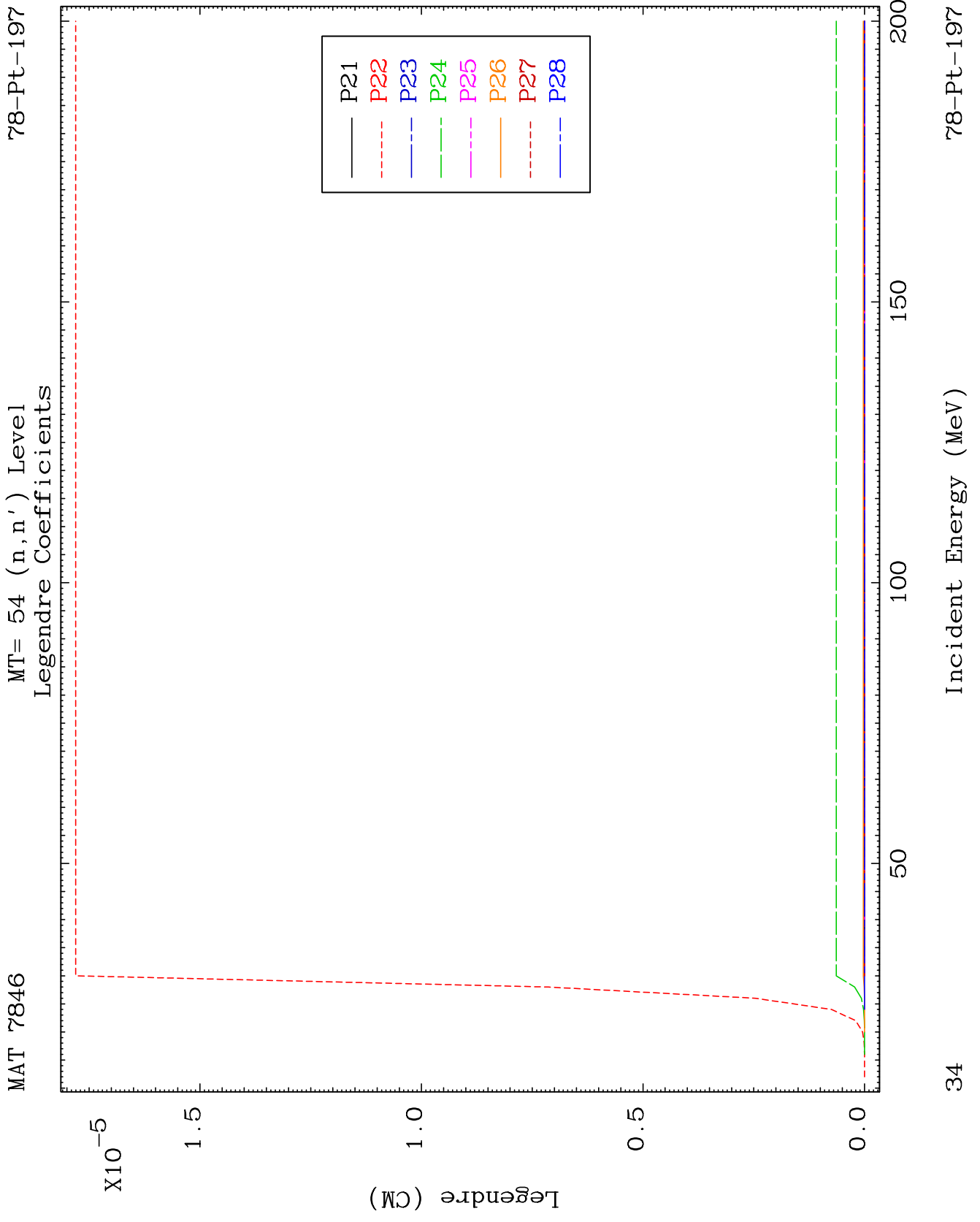
MAT 7846

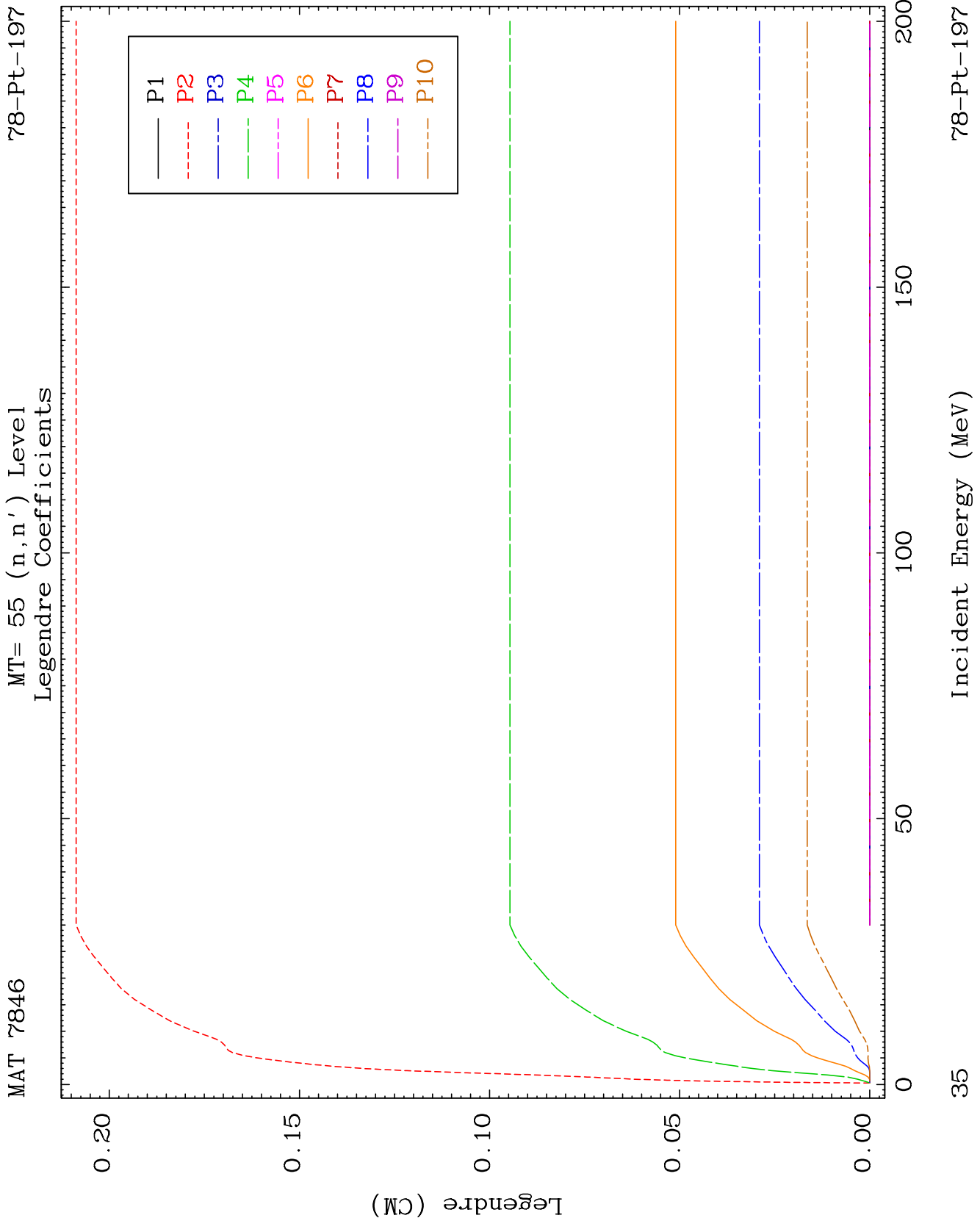
MT= 53 (n,n') Level
Legendre Coefficients

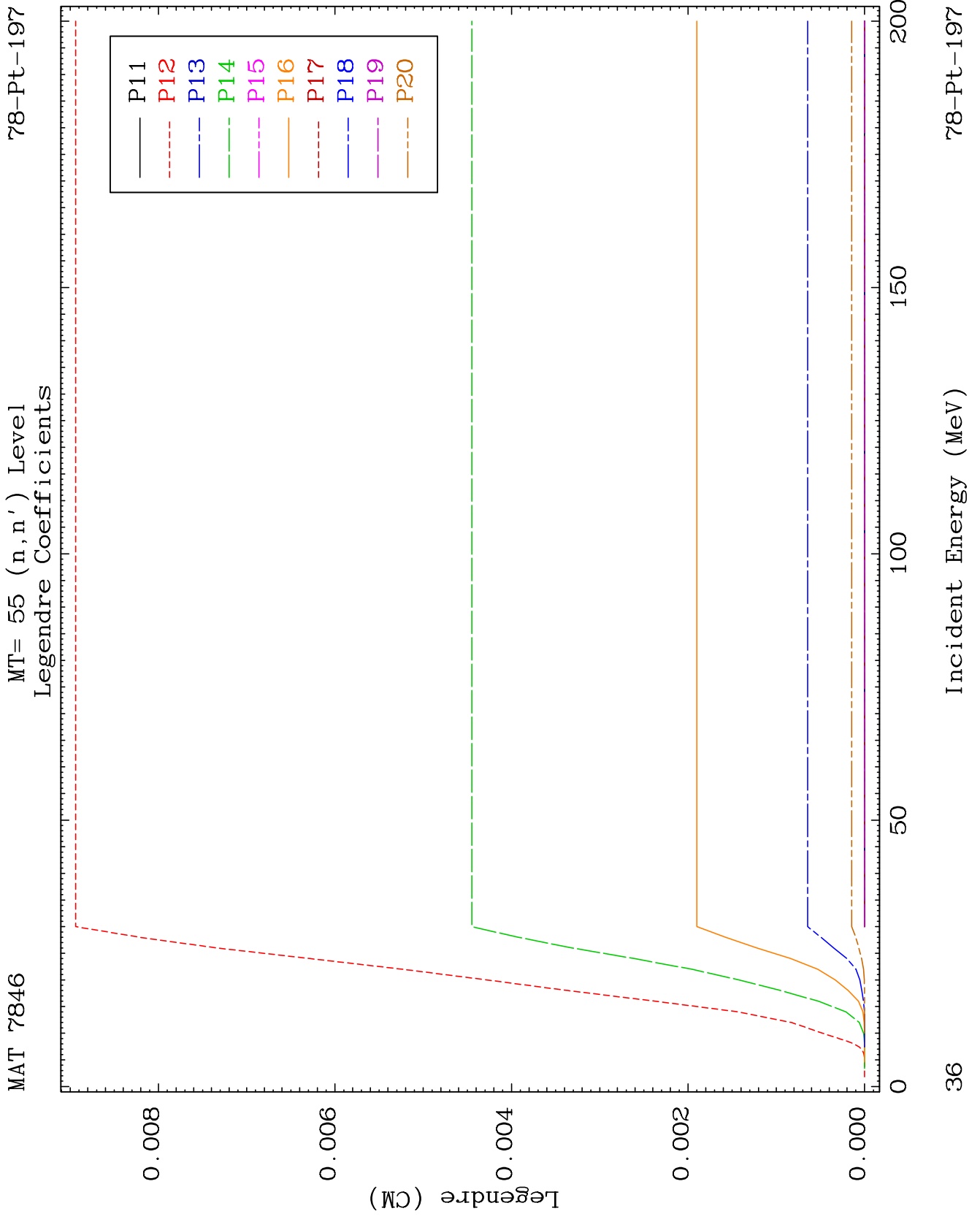
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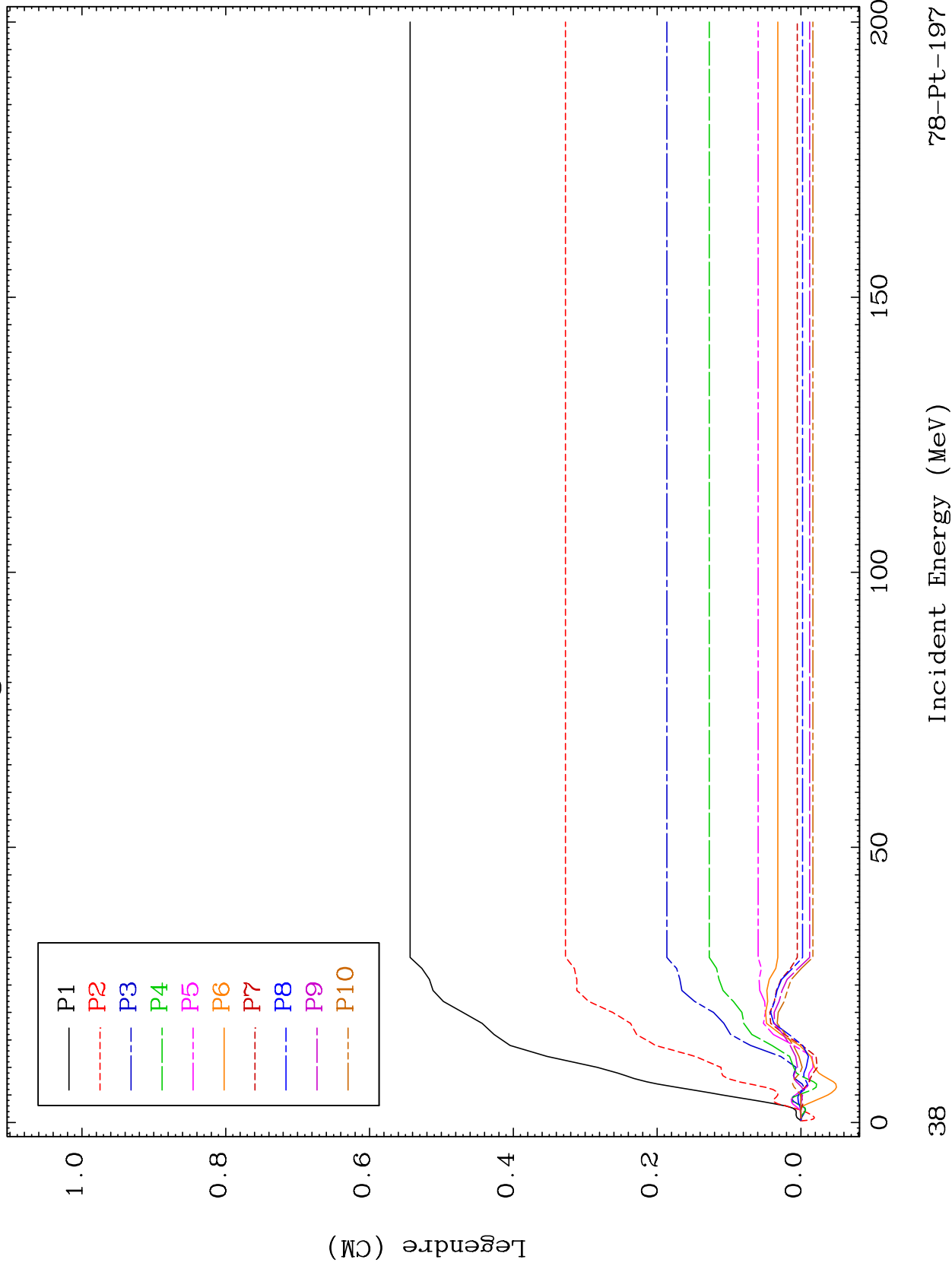




MAT 7846

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

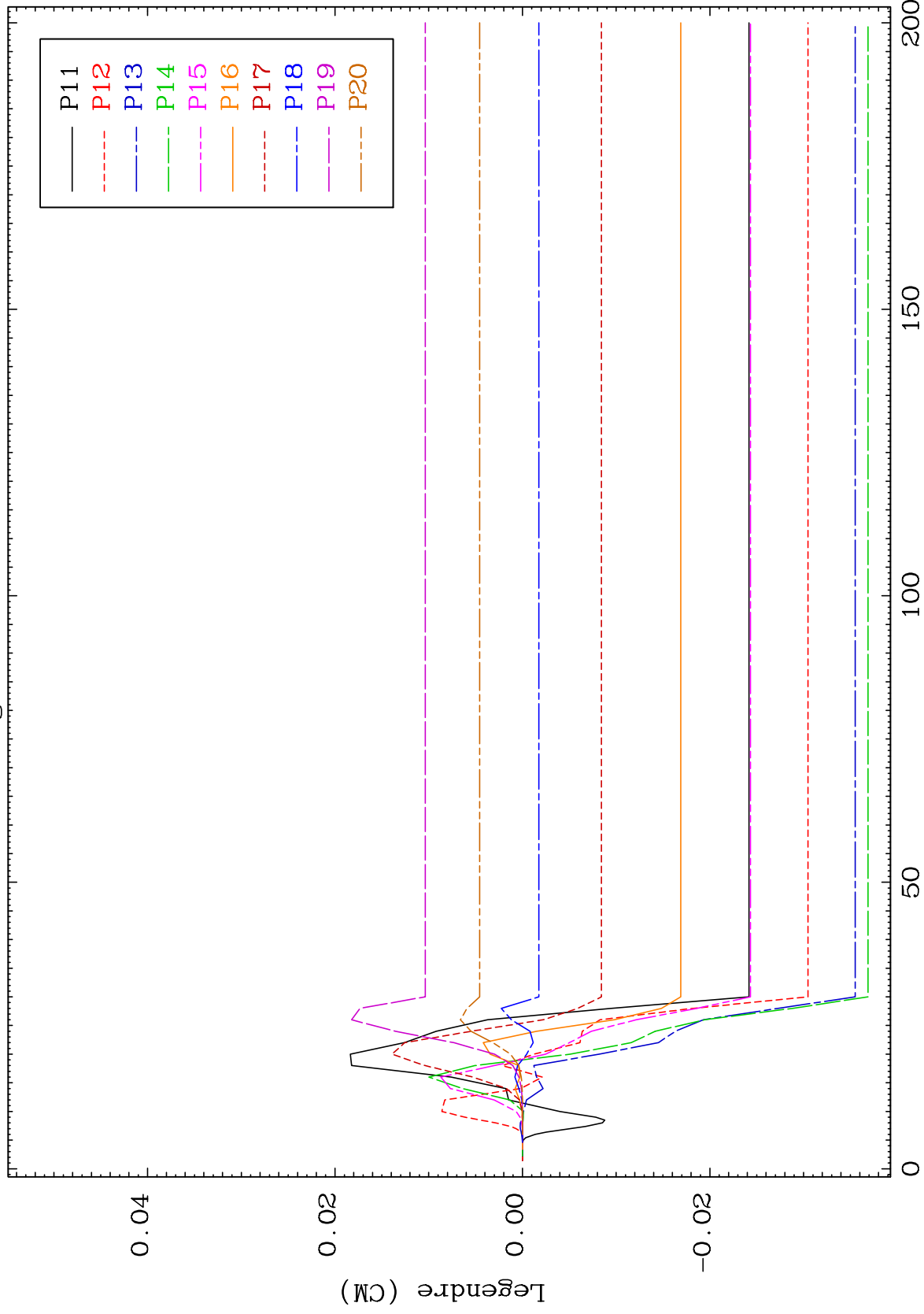
78-Pt-197



MAT 7846

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

78-Pt-197



39

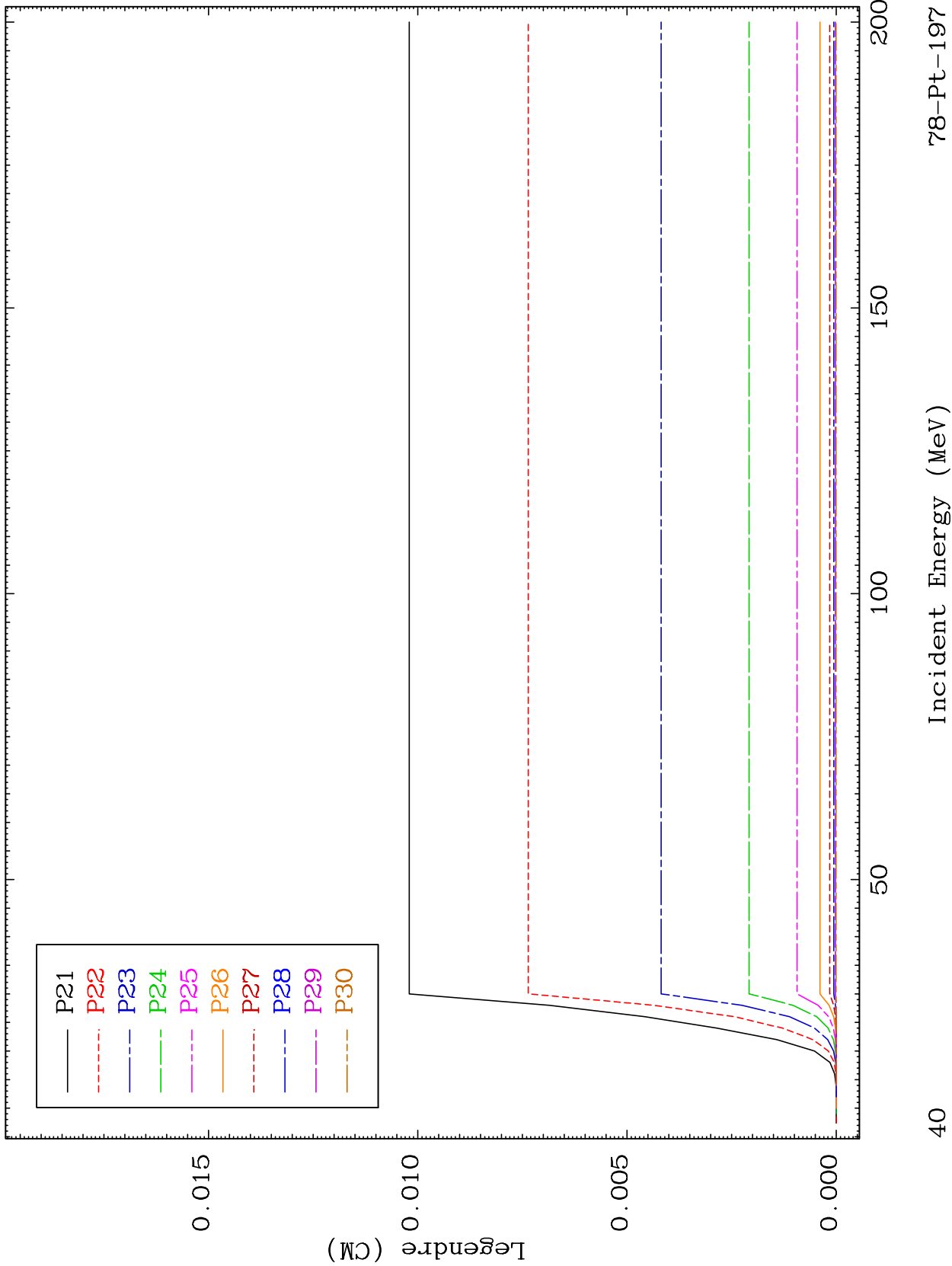
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



40

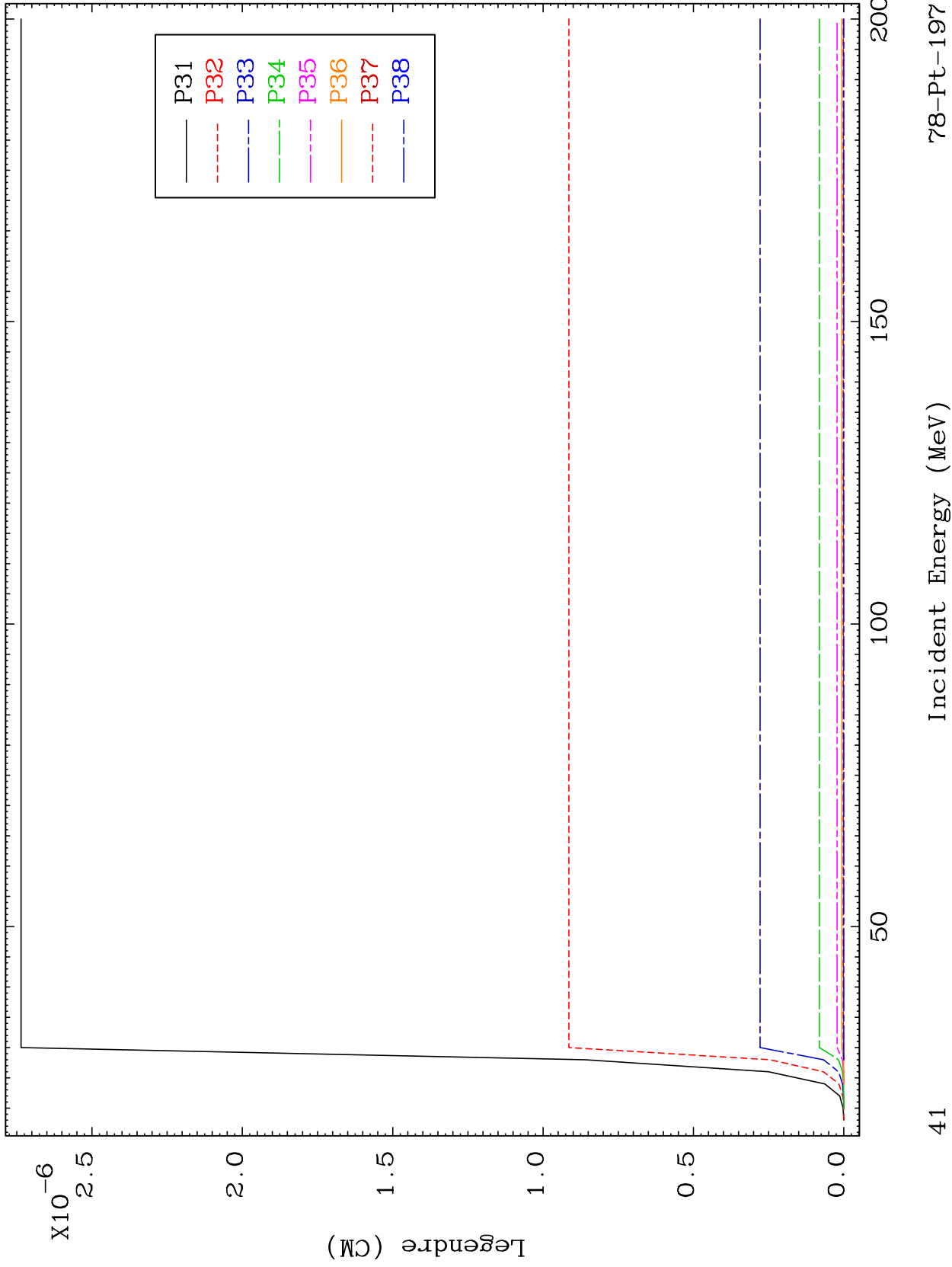
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



41

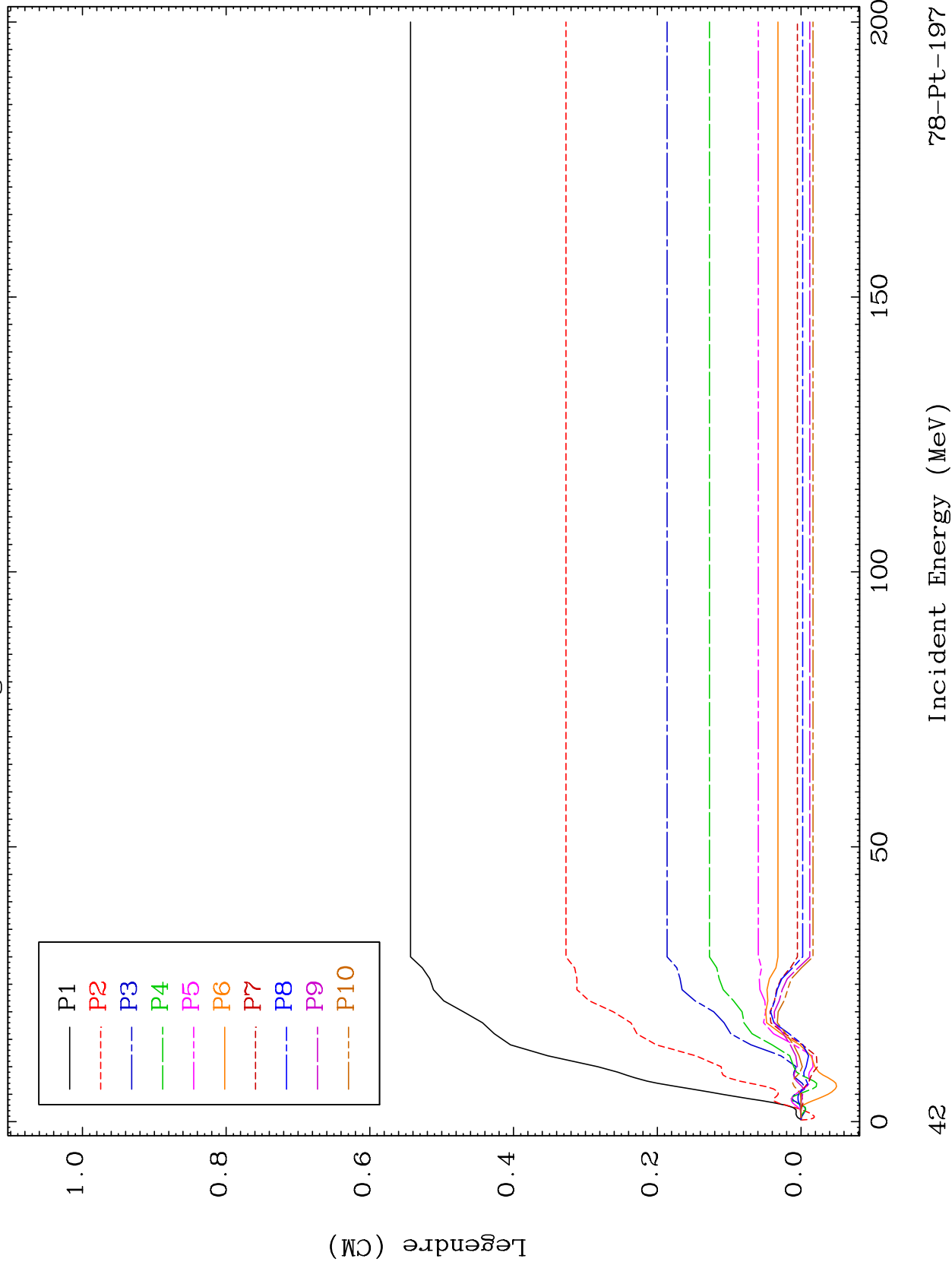
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



78-Pt-197

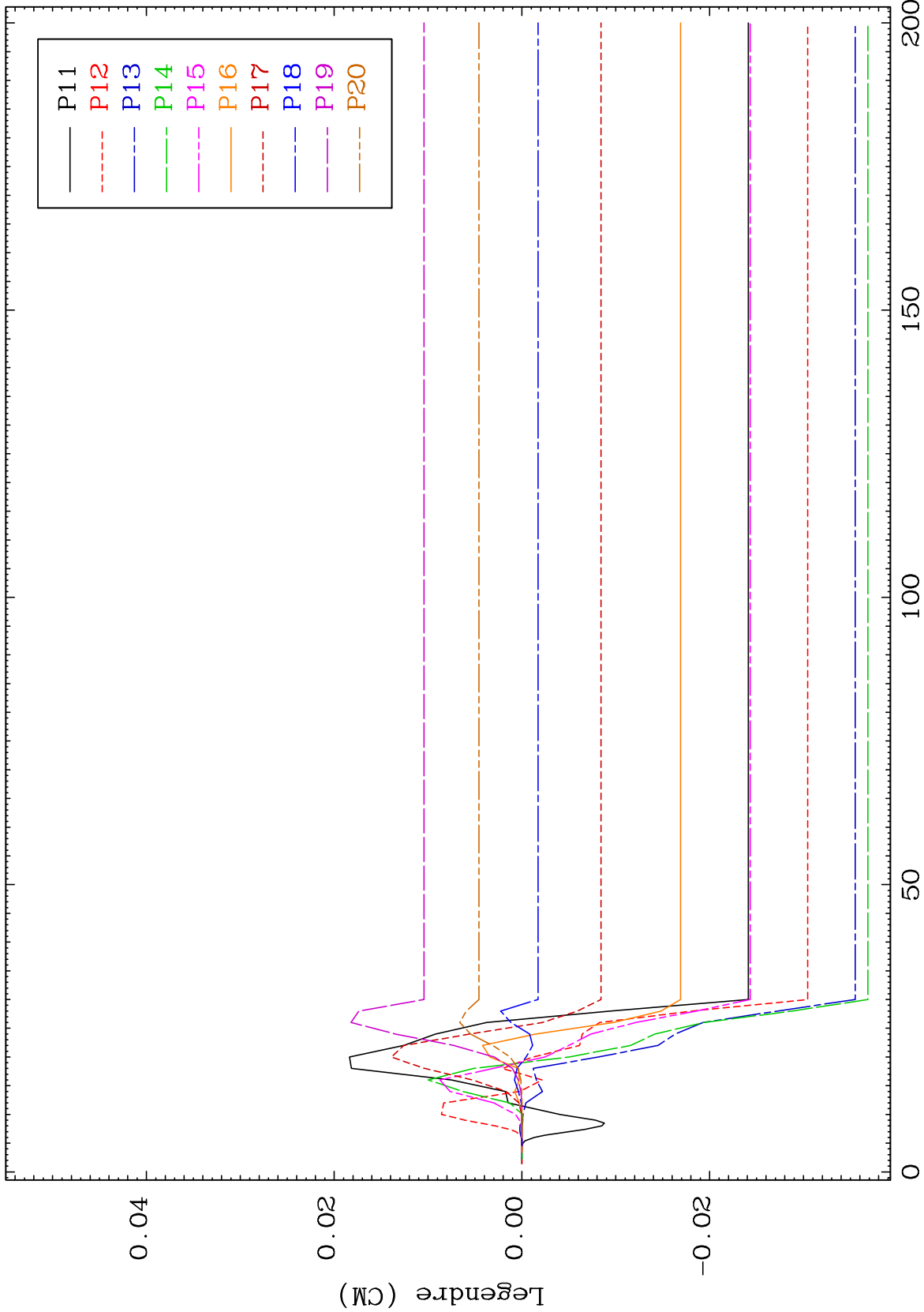
Incident Energy (MeV)

42

MAT 7846

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

78-Pt-197



43

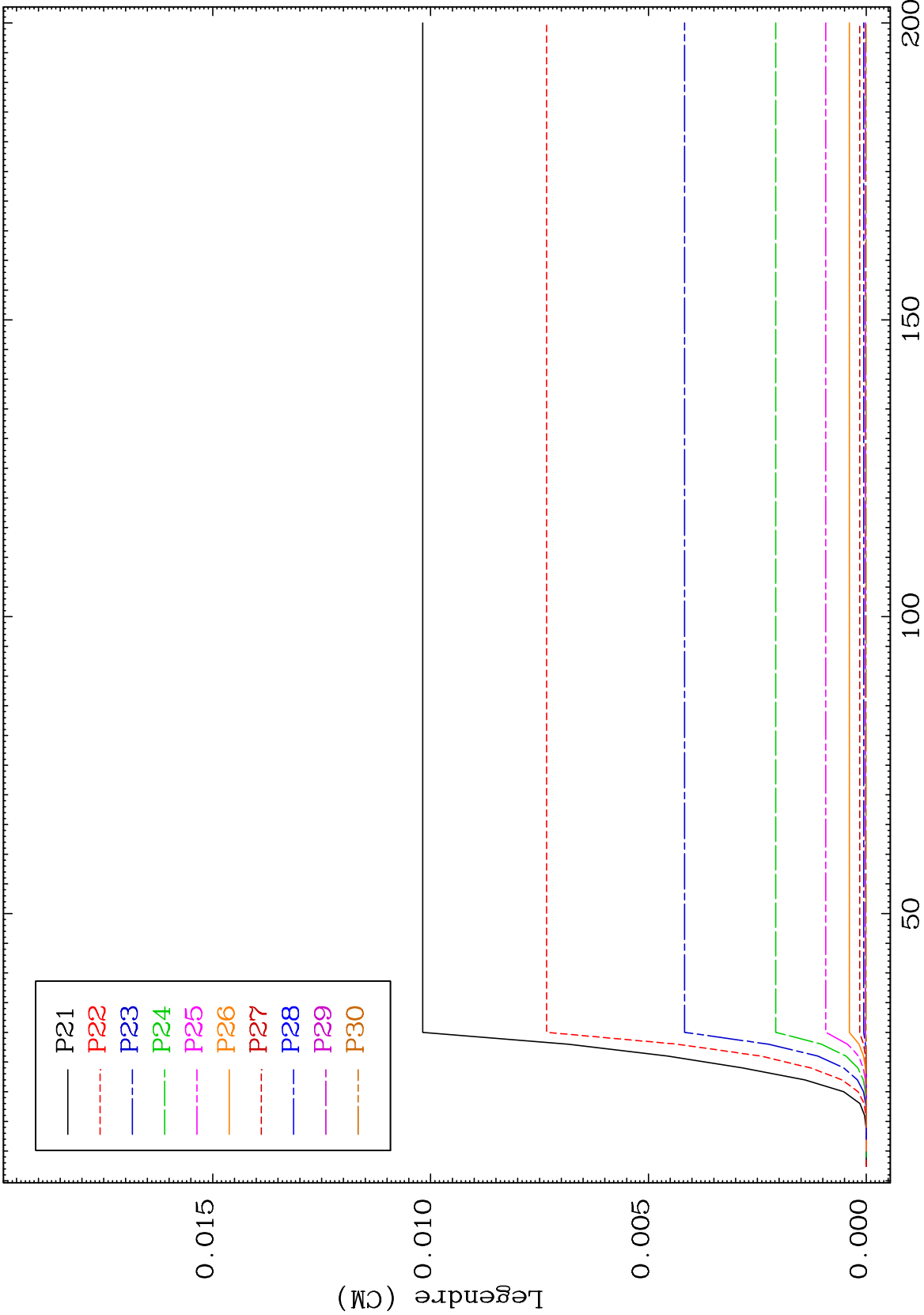
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



44

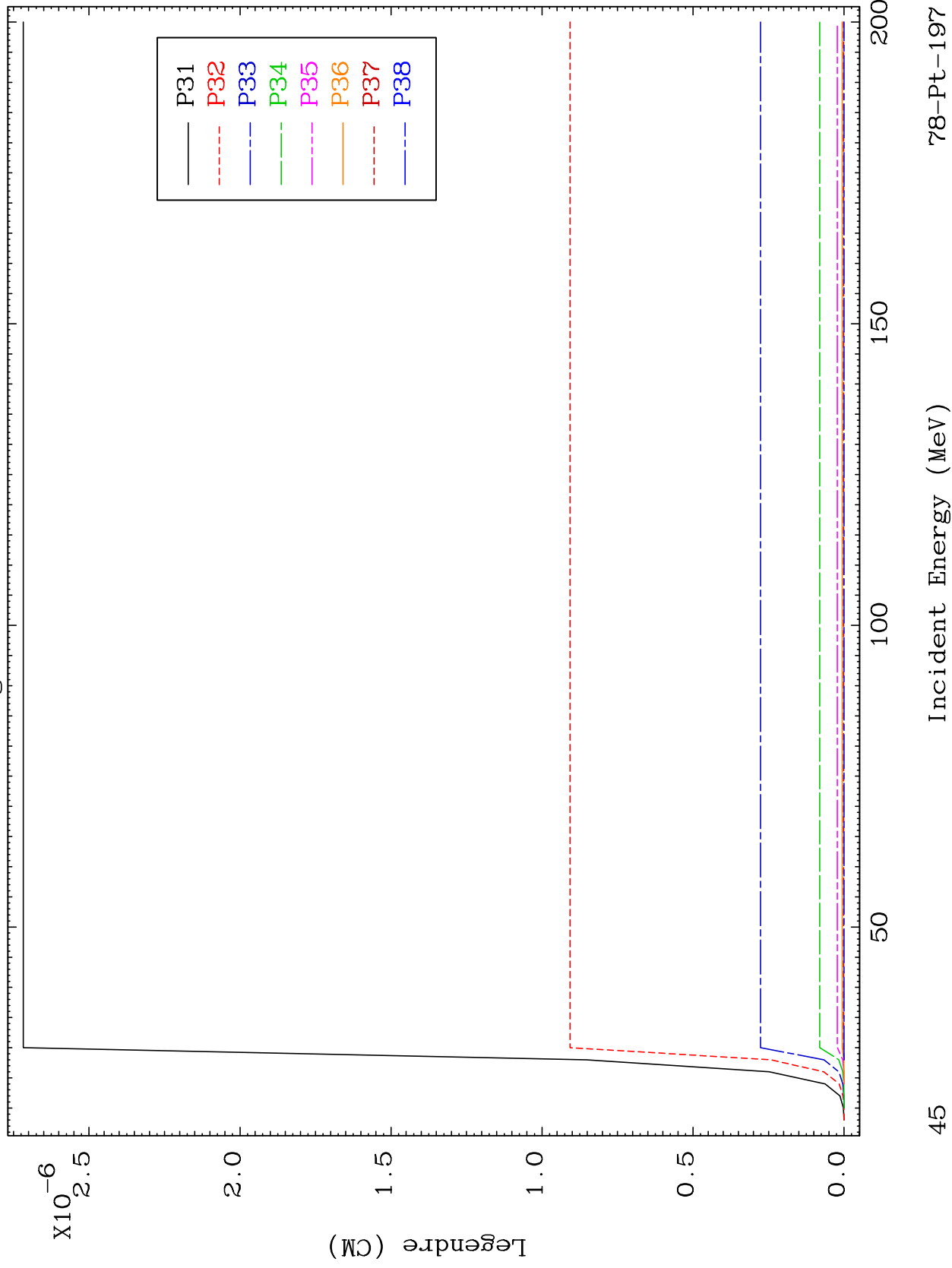
Incident Energy (MeV)

78-Pt-197

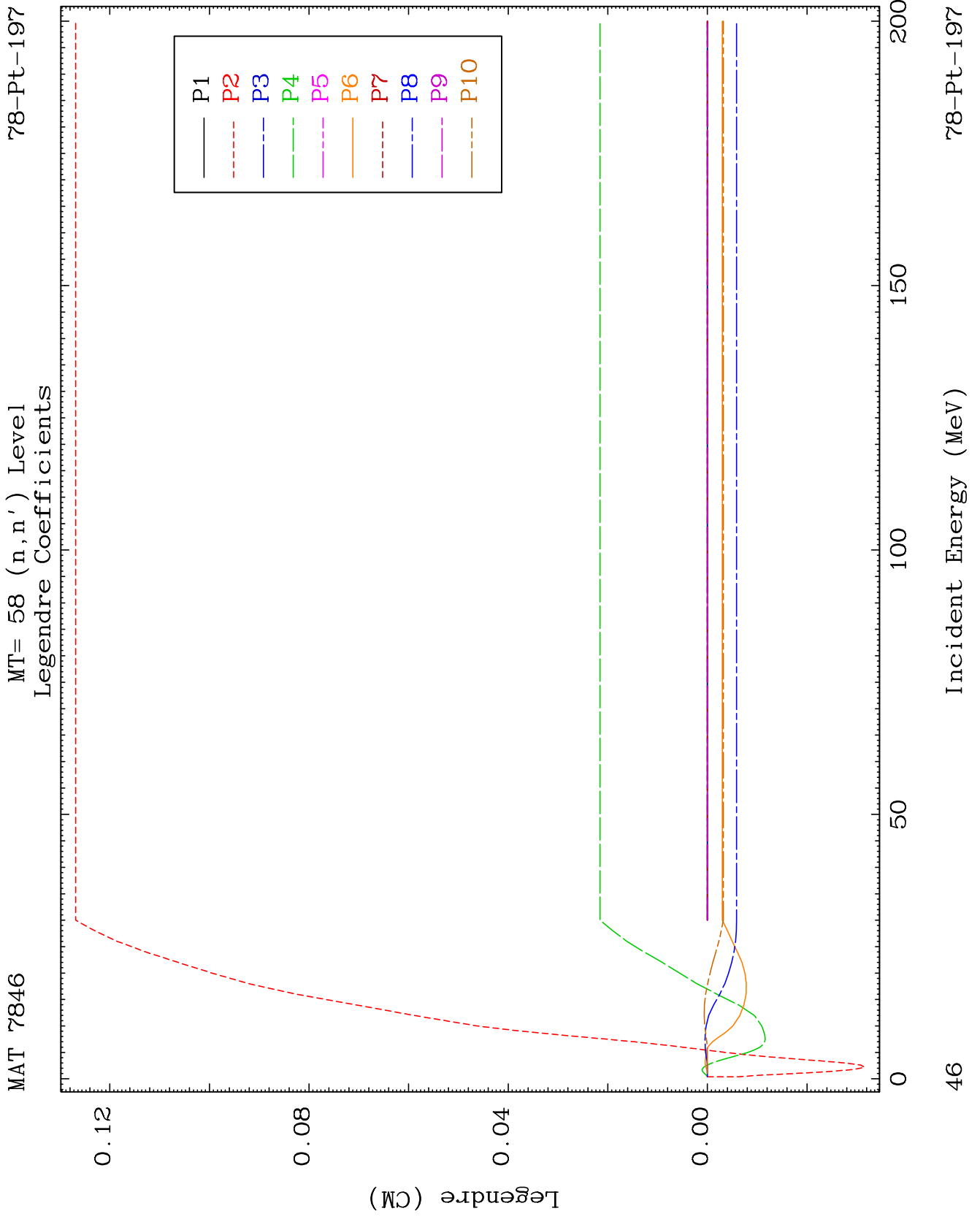
MAT 7846

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

78-Pt-197



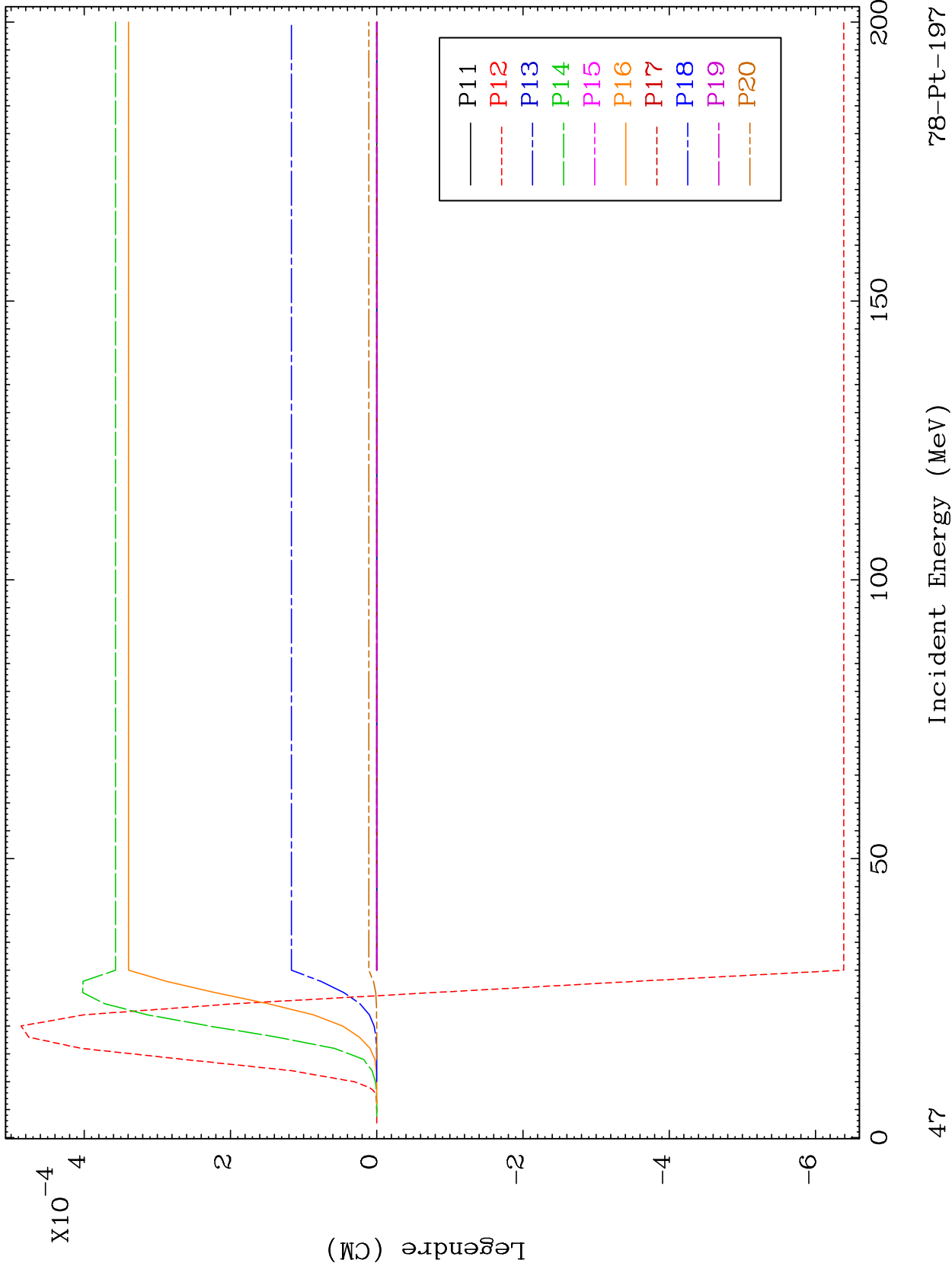
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MAT 7846

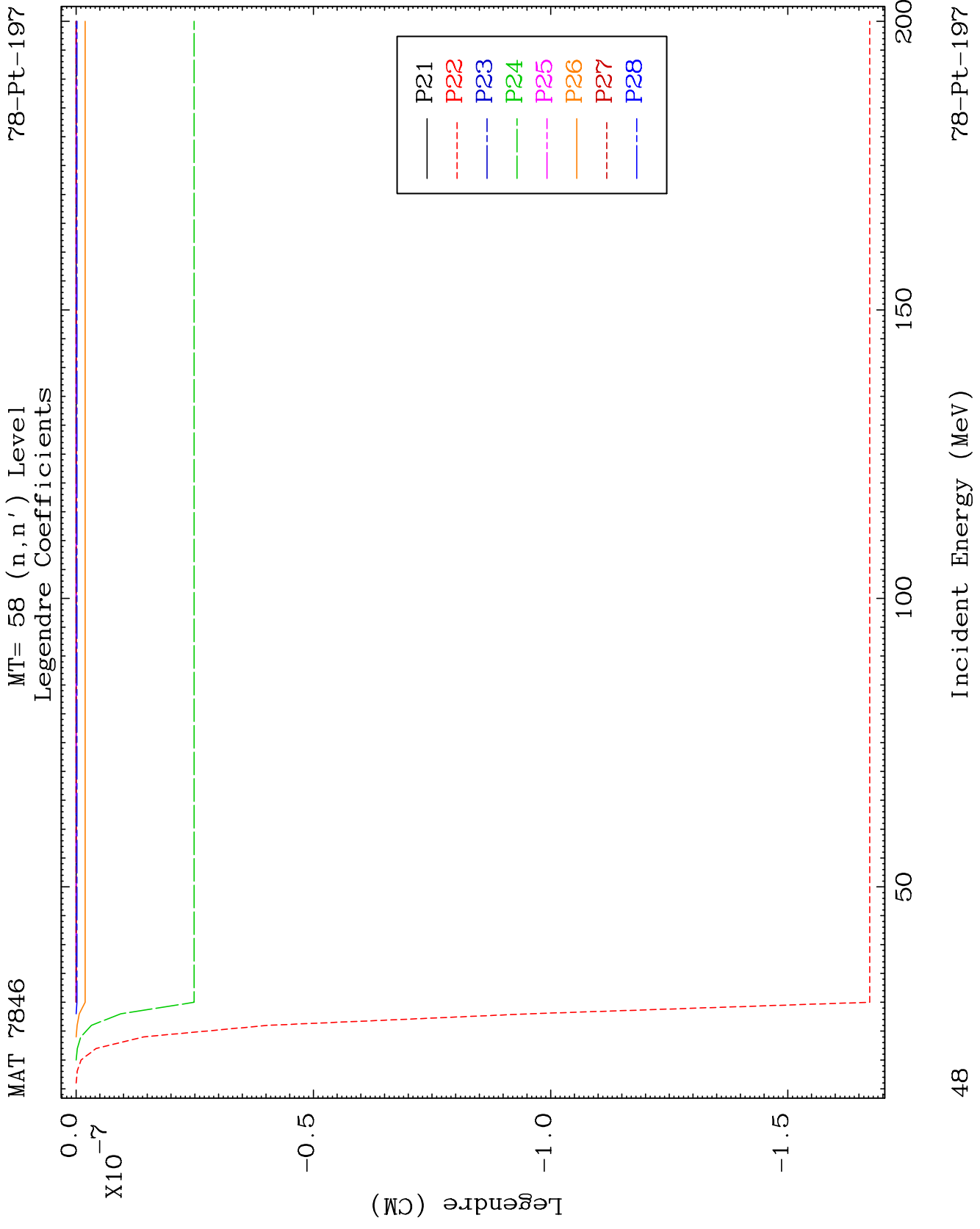
MT= 58 (n,n') Level
Legendre Coefficients

78-Pt-197



47

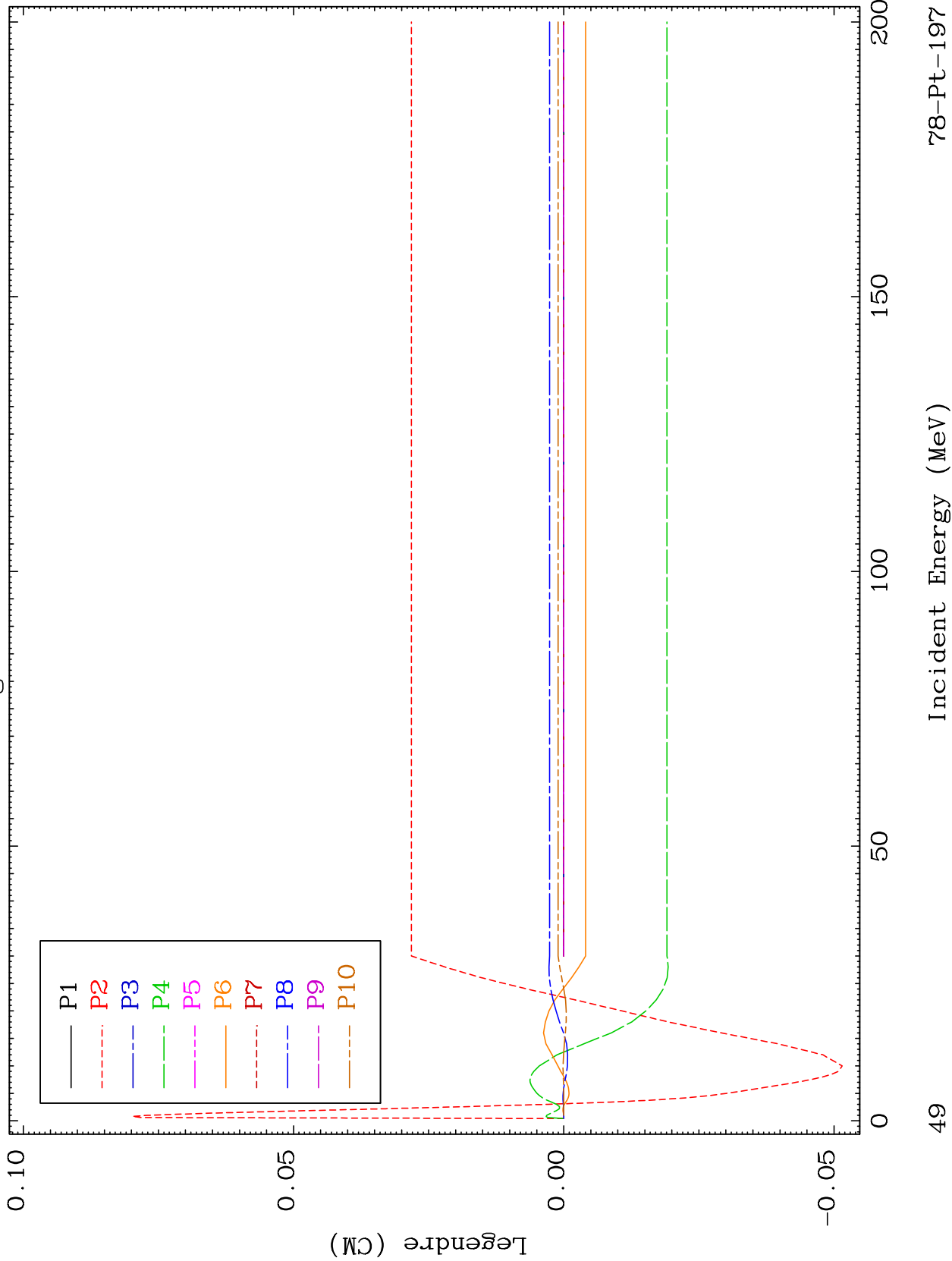
78-Pt-197



MAT 7846

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

78-Pt-197



78-Pt-197

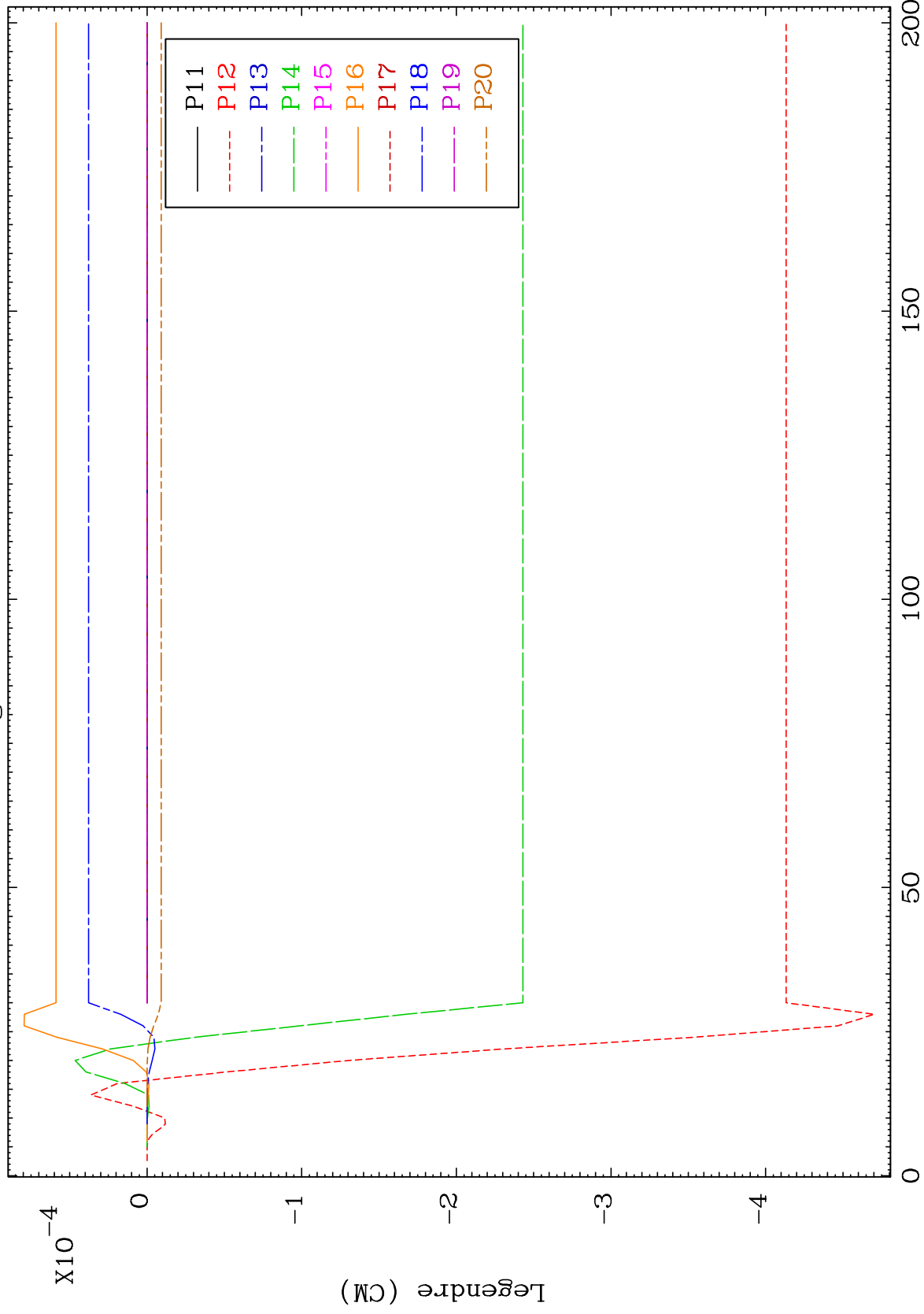
Incident Energy (MeV)

49

MAT 7846

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

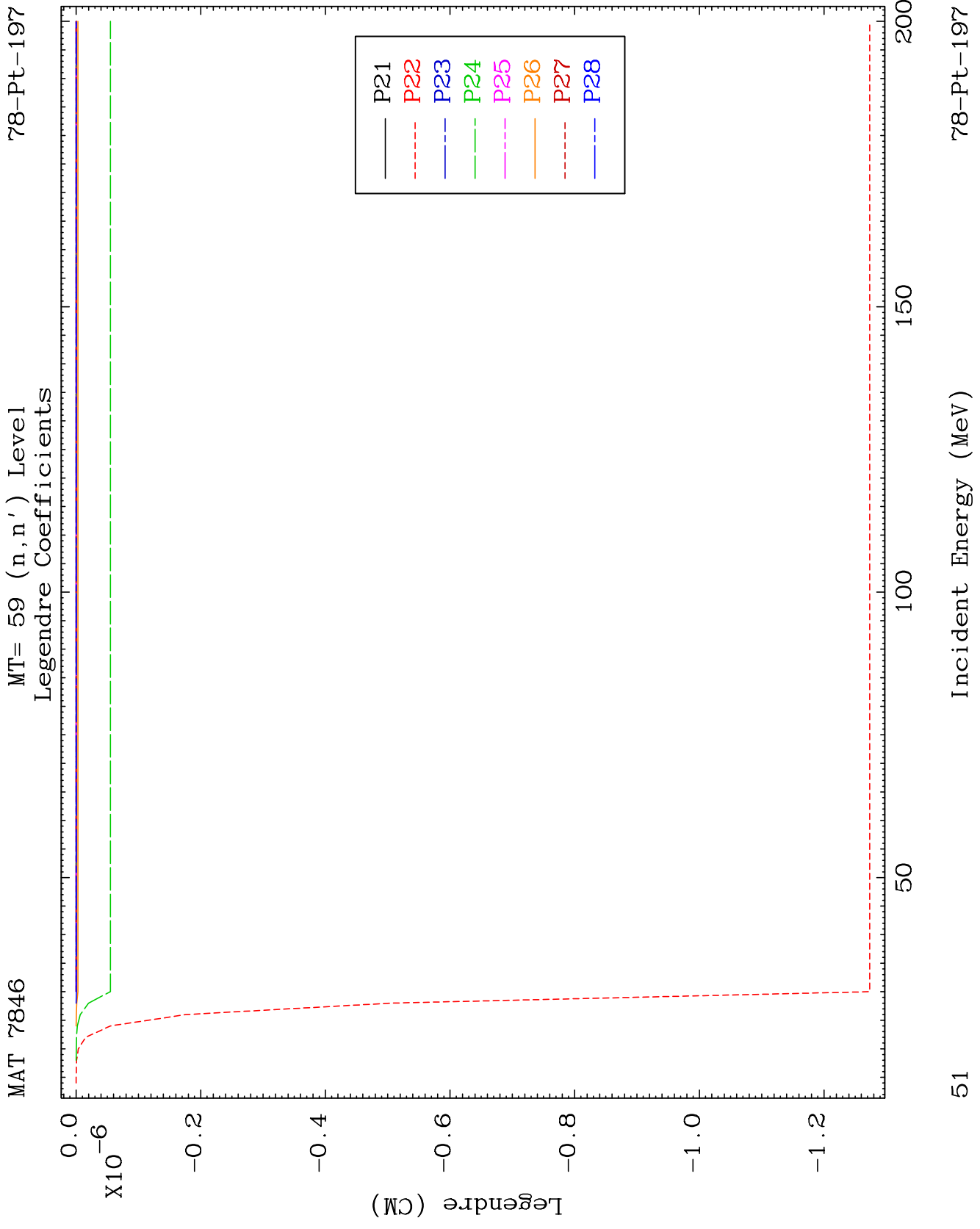
78-Pt-197



50

Incident Energy (MeV)

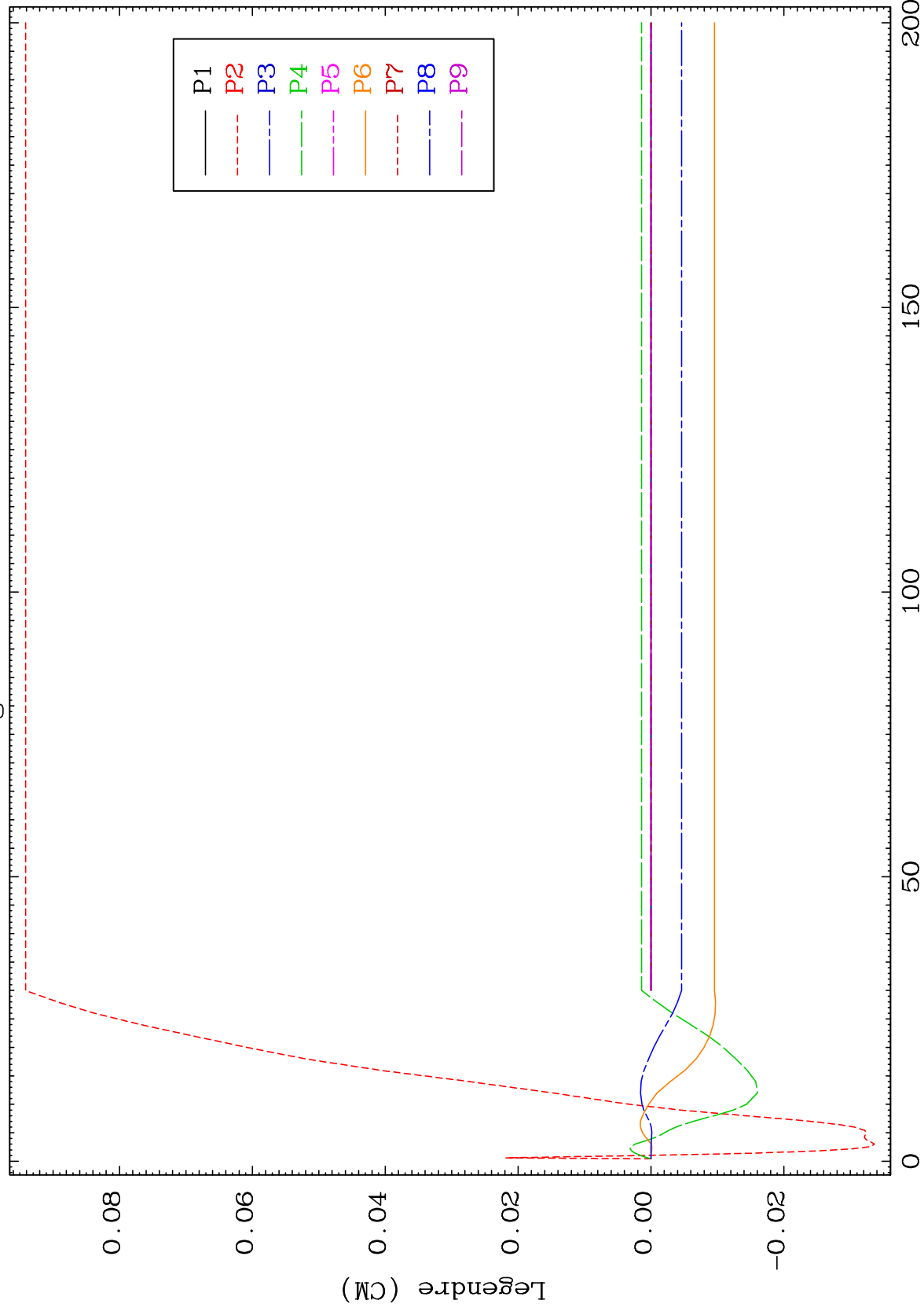
78-Pt-197



MAT 7846

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

78-Pt-197



52

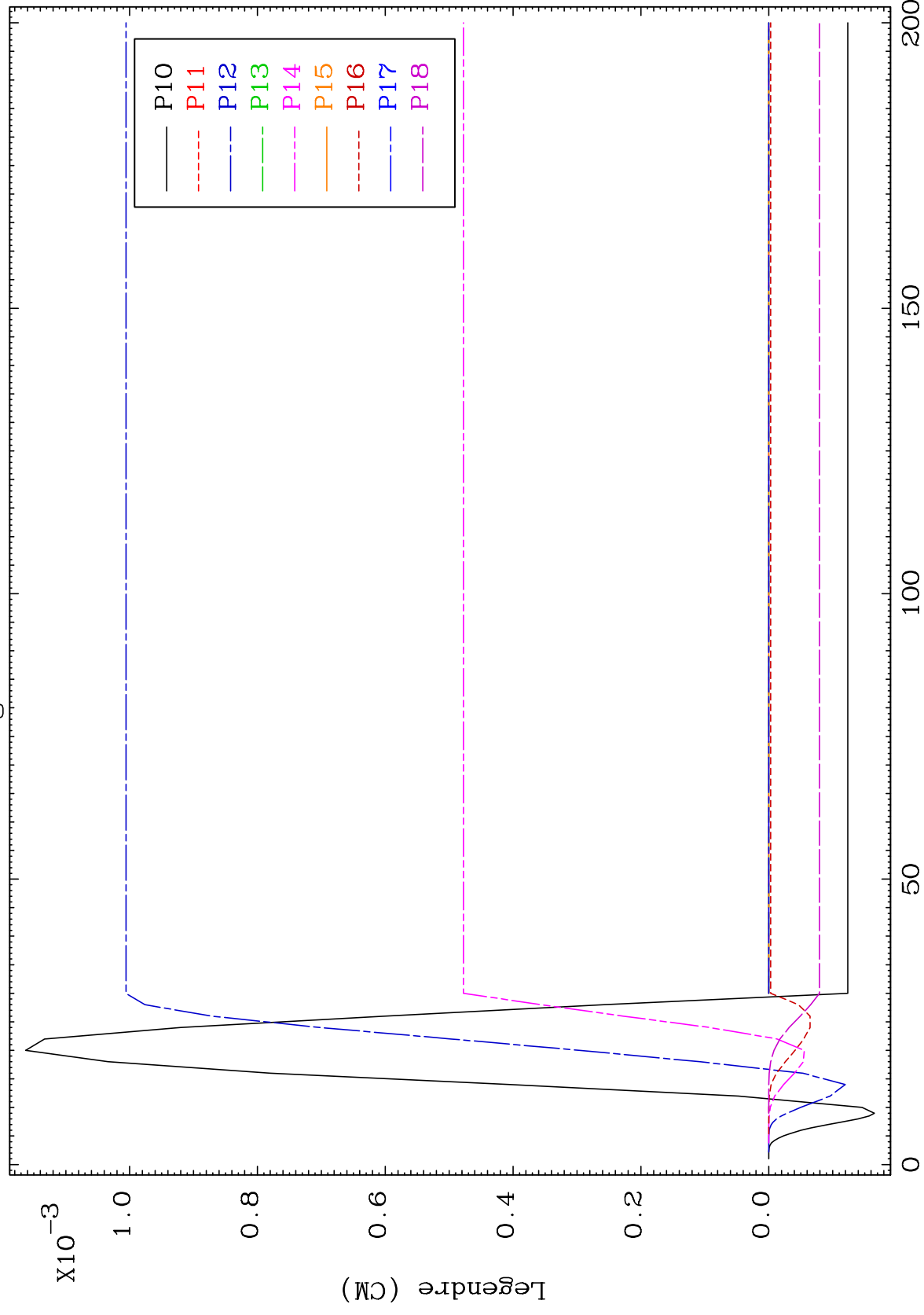
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

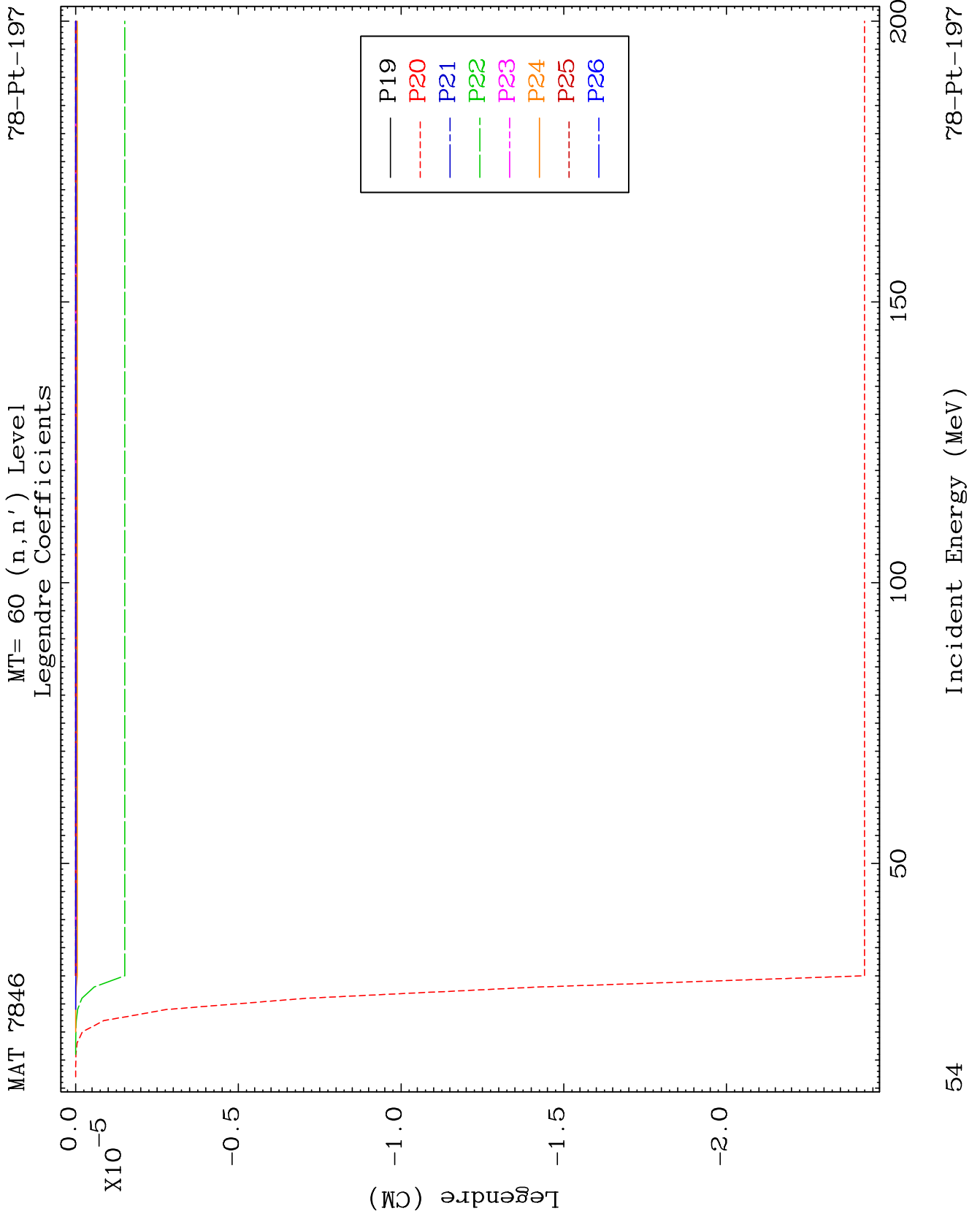
78-Pt-197



53

Incident Energy (MeV)

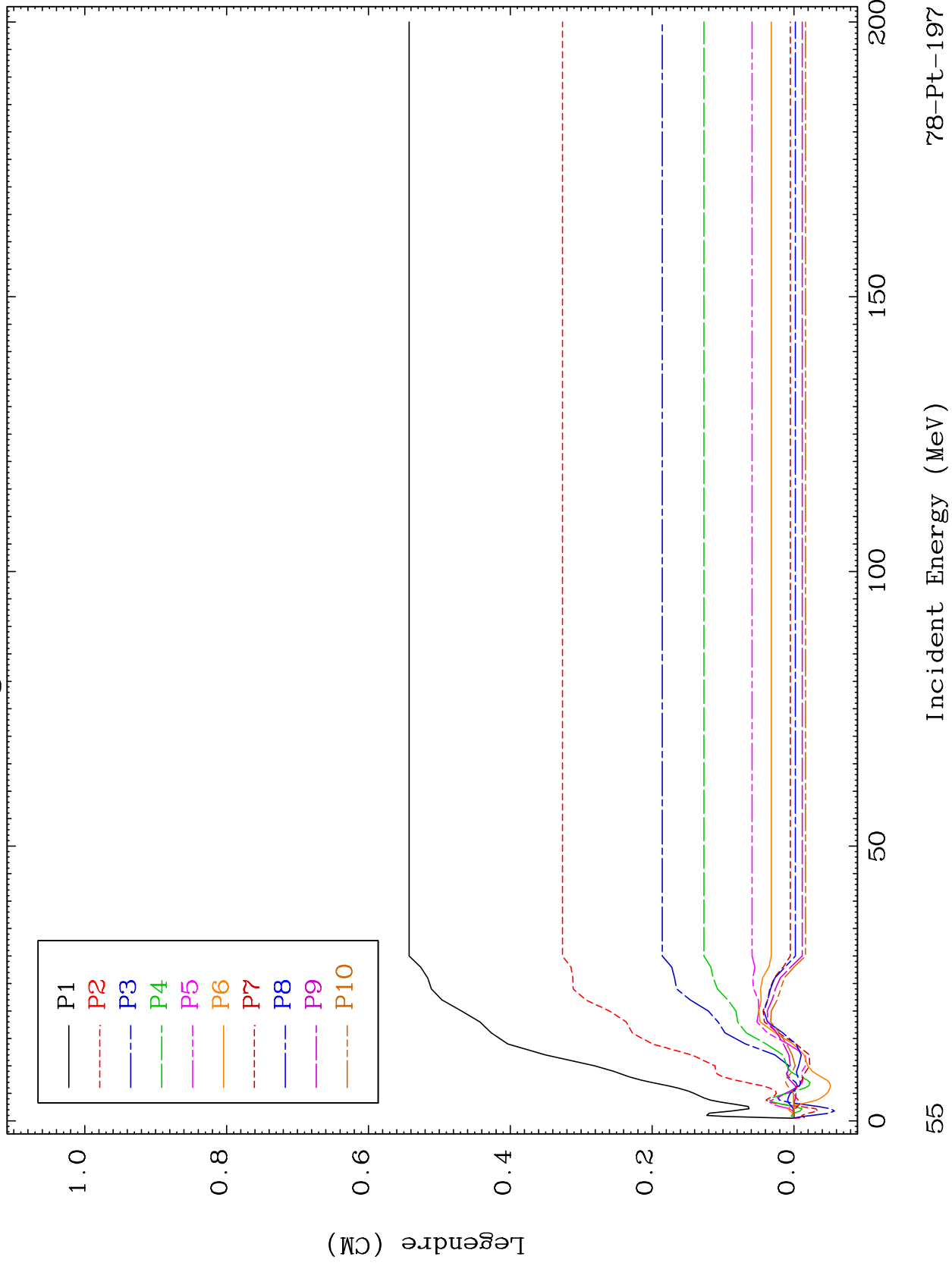
78-Pt-197



MAT 7846

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

78-Pt-197

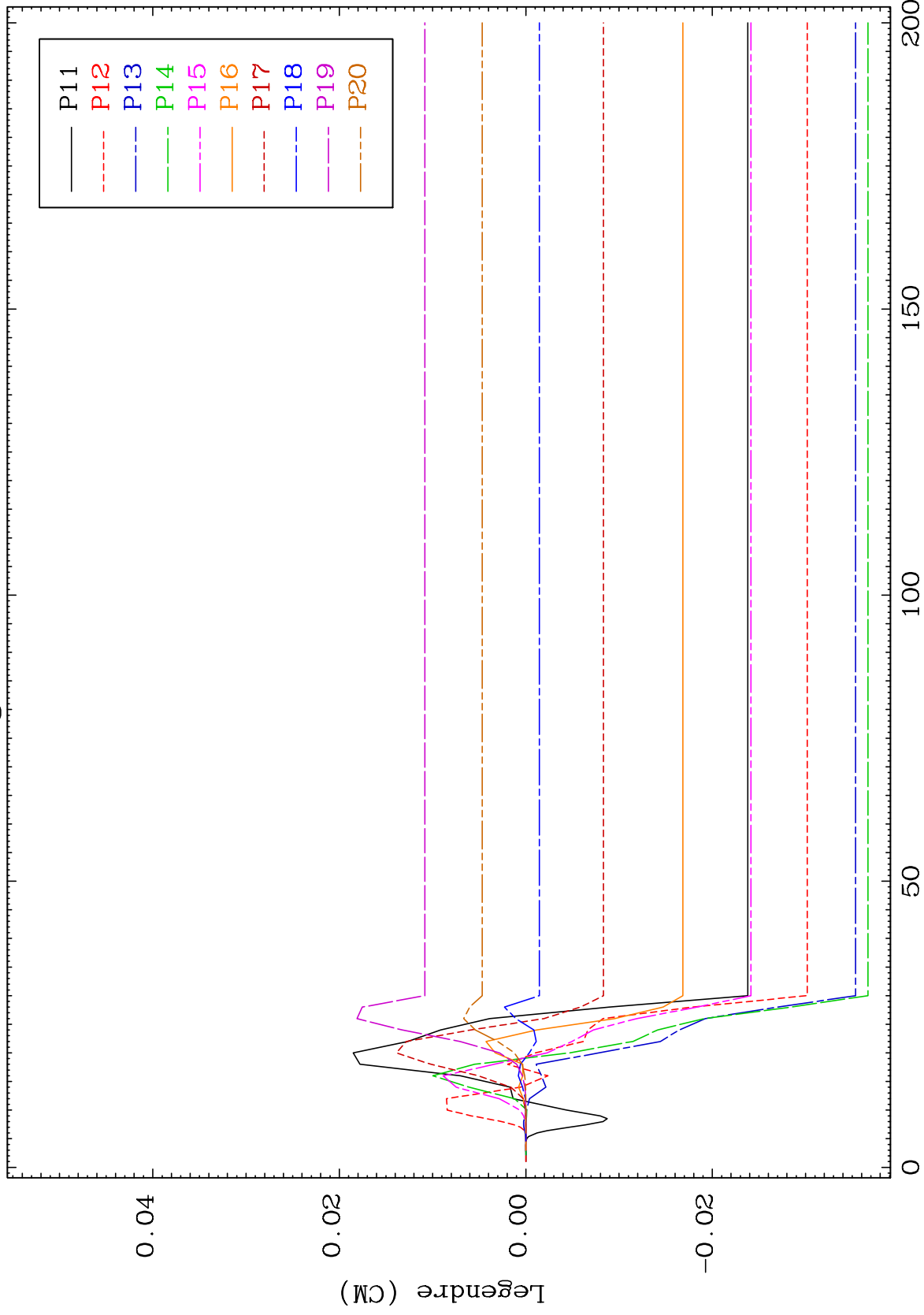


55

MAT 7846

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

78-Pt-197



56

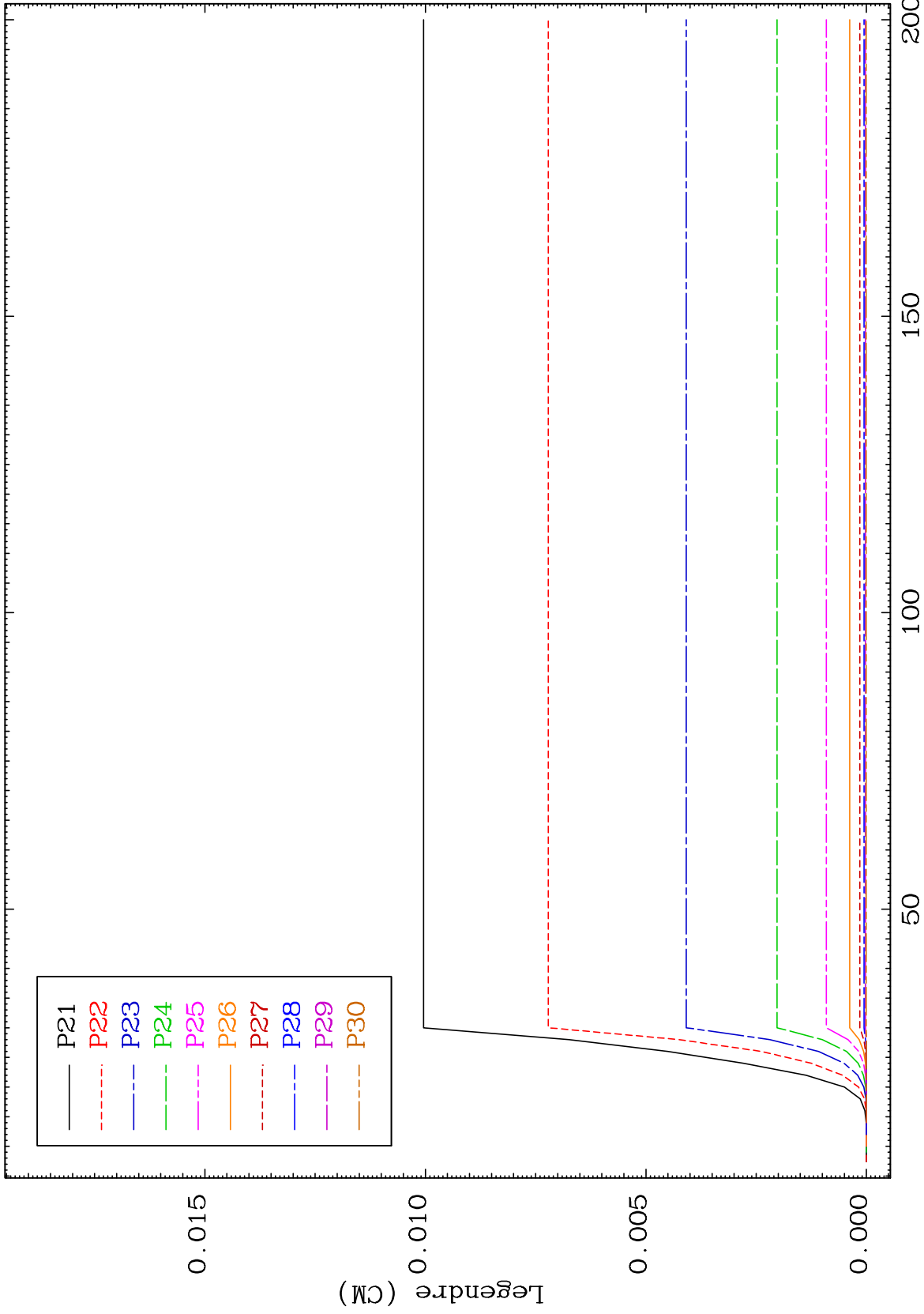
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



57

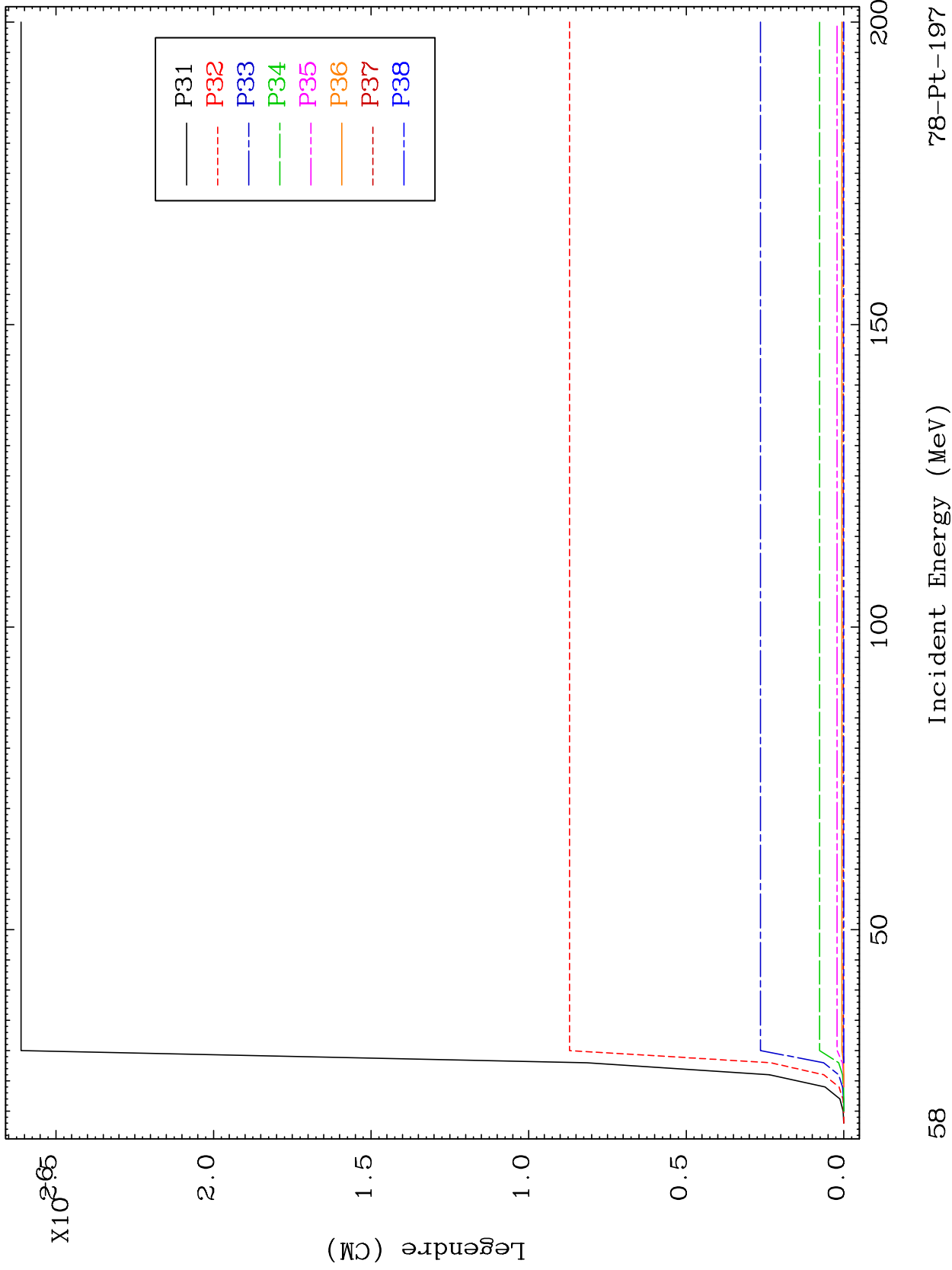
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



58

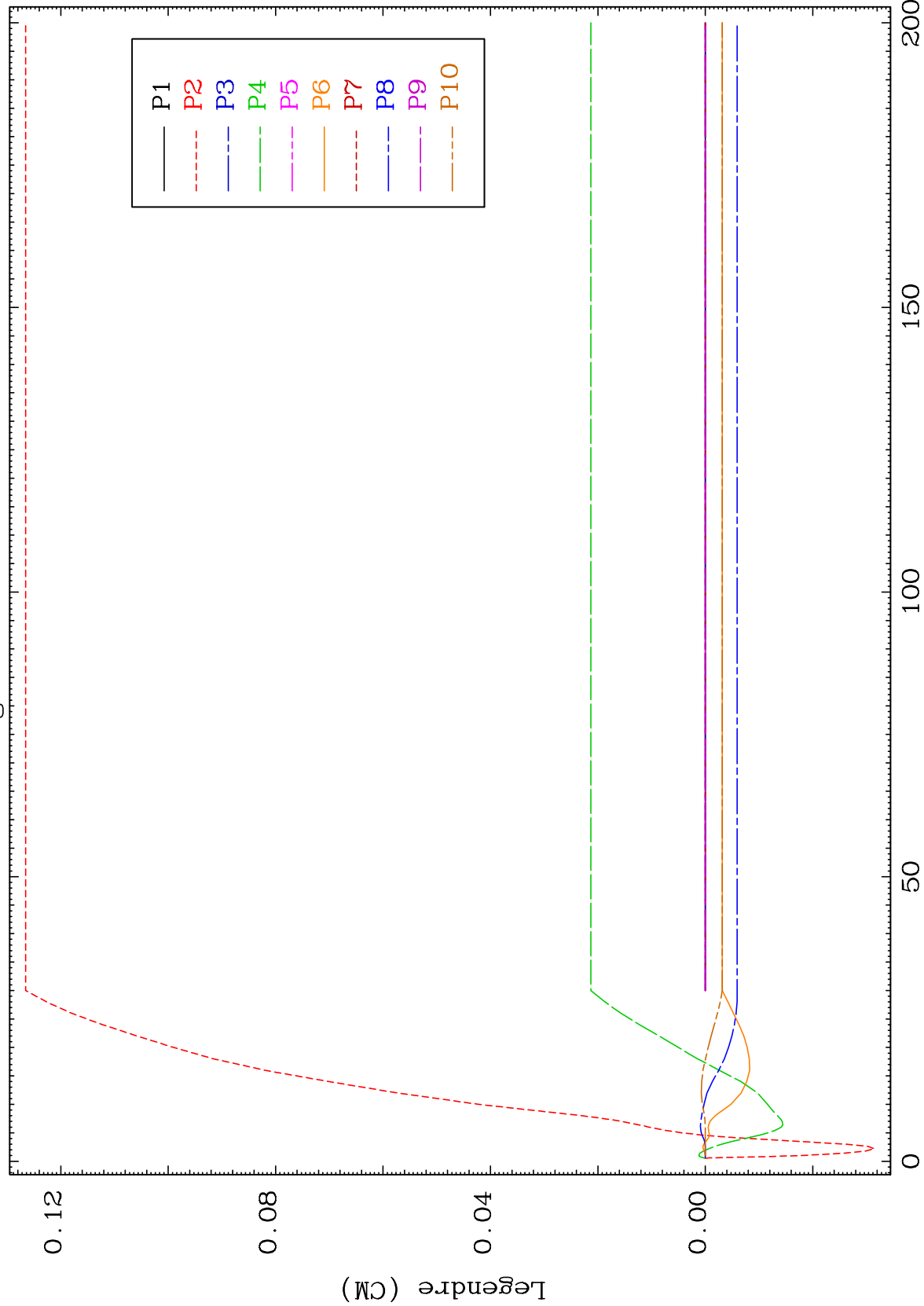
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



59

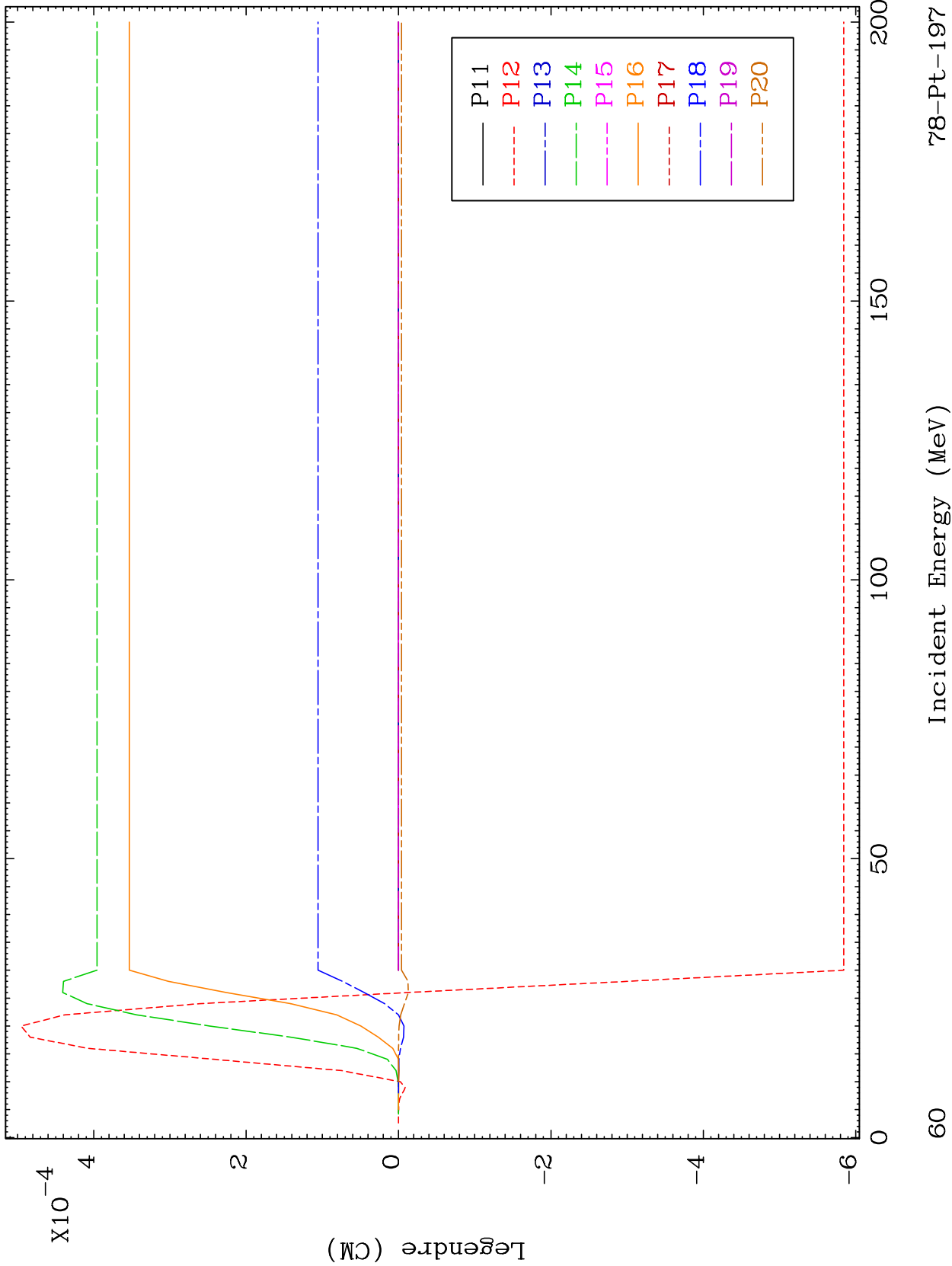
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

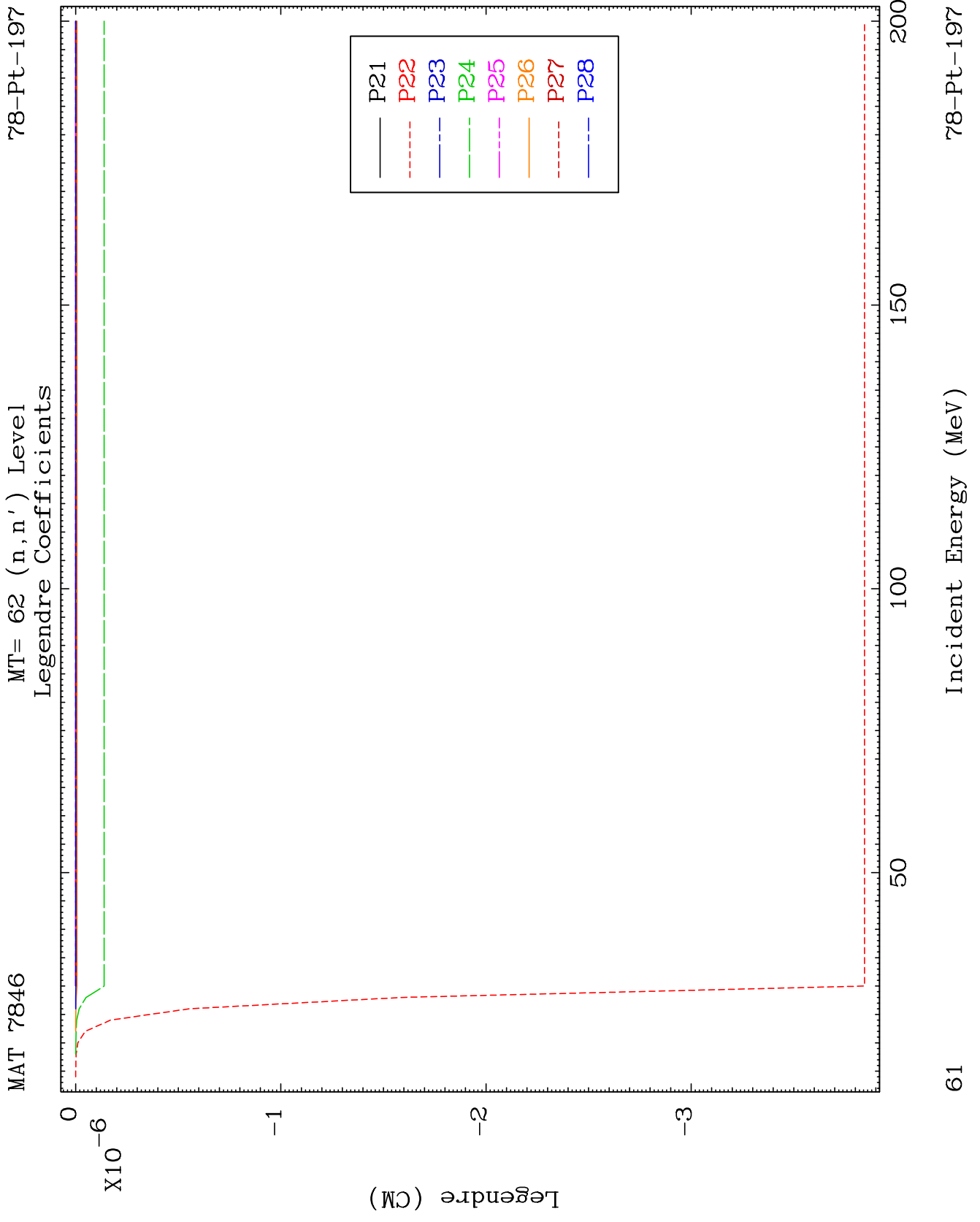
78-Pt-197



78-Pt-197

Incident Energy (MeV)

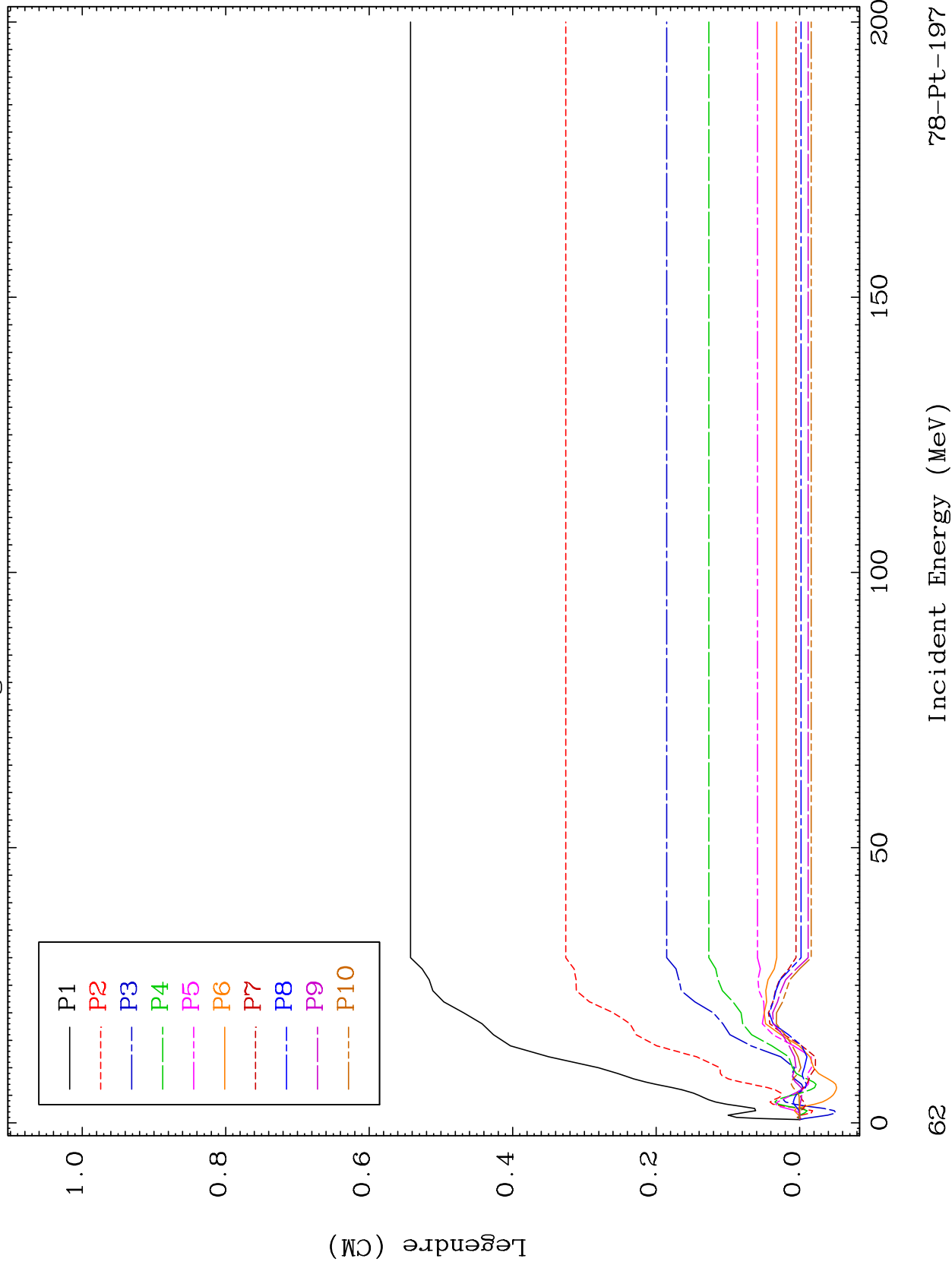
60



MAT 7846

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

78-Pt-197



78-Pt-197

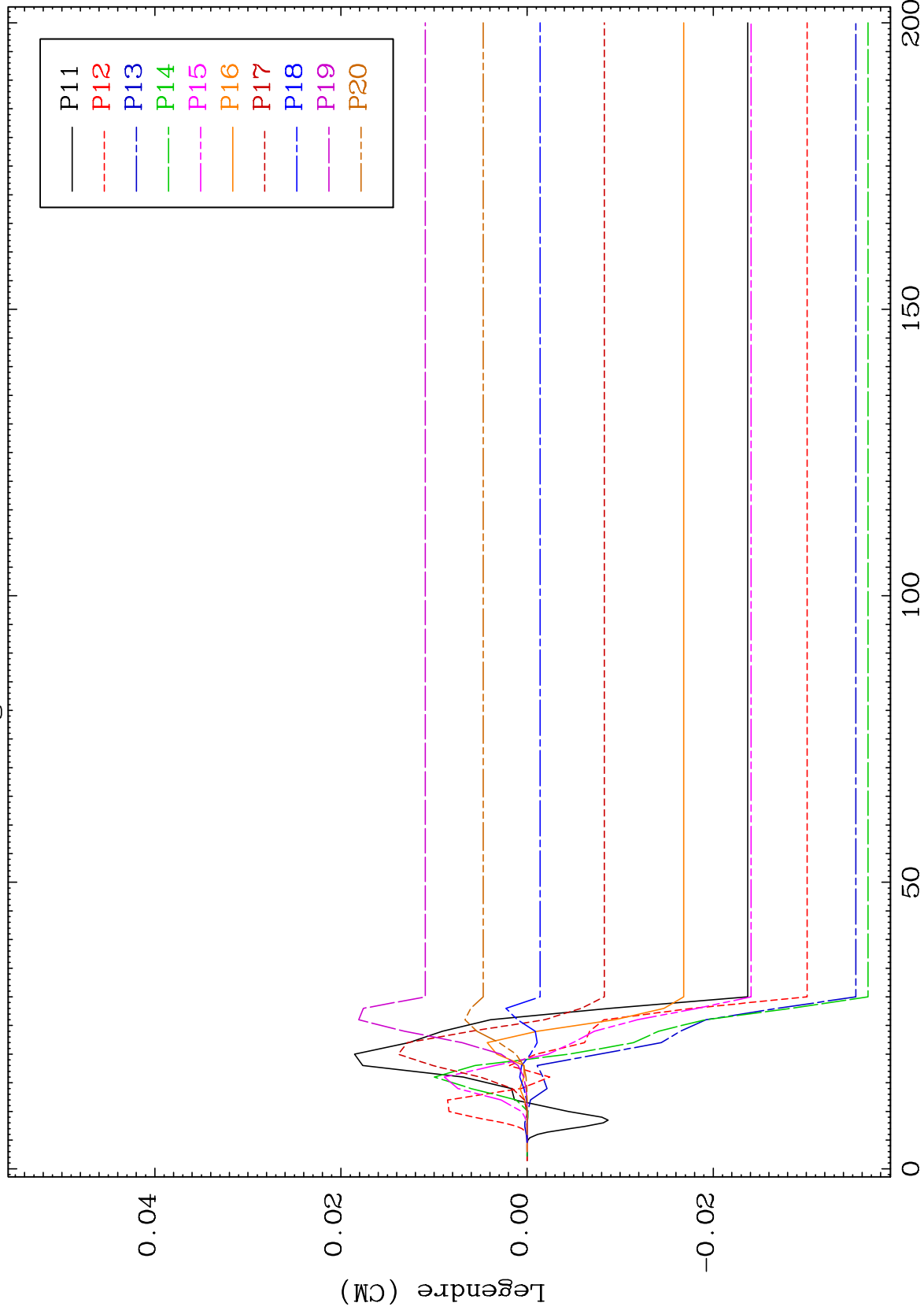
Incident Energy (MeV)

62

MAT 7846

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

78-Pt-197



63

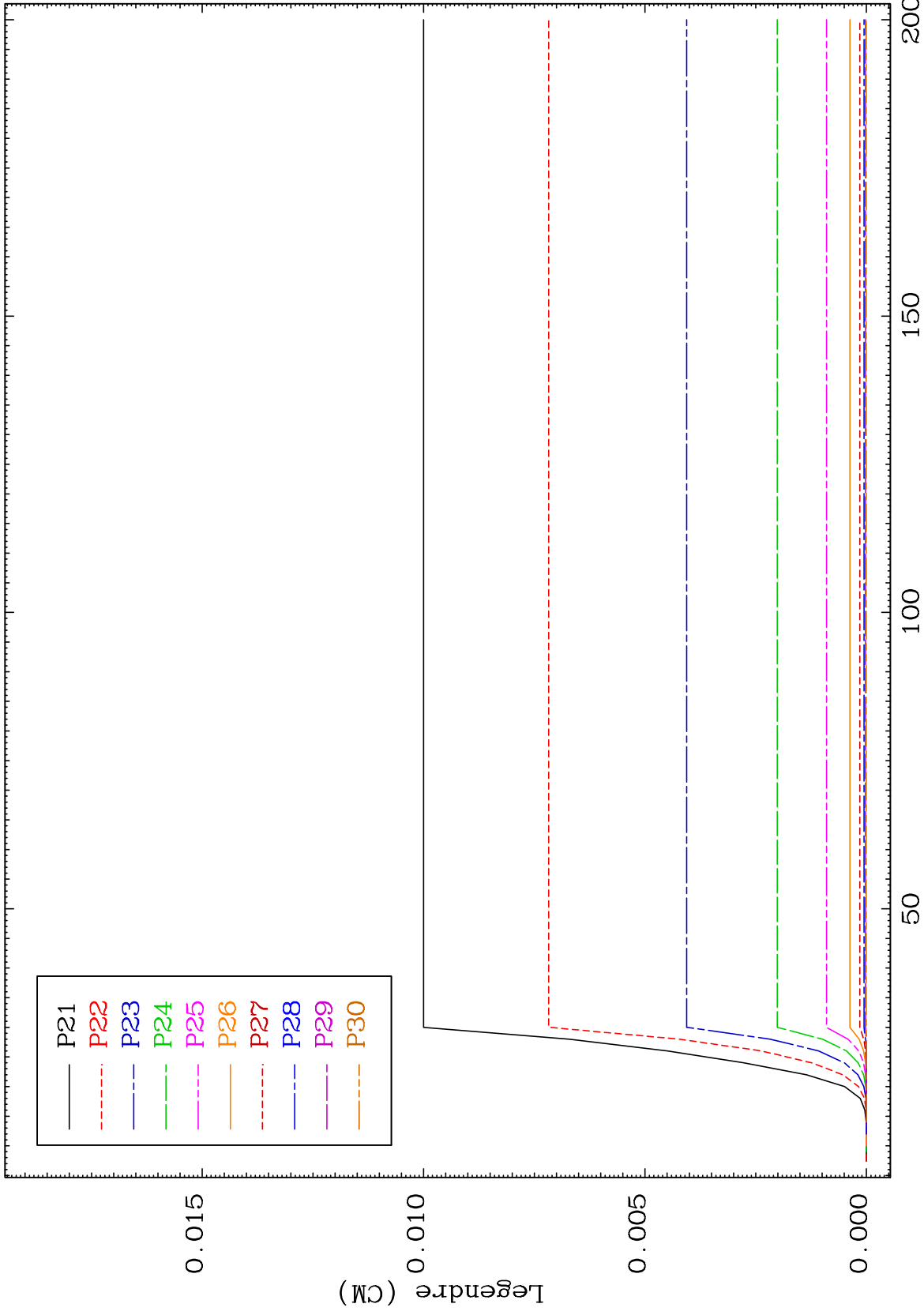
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



64

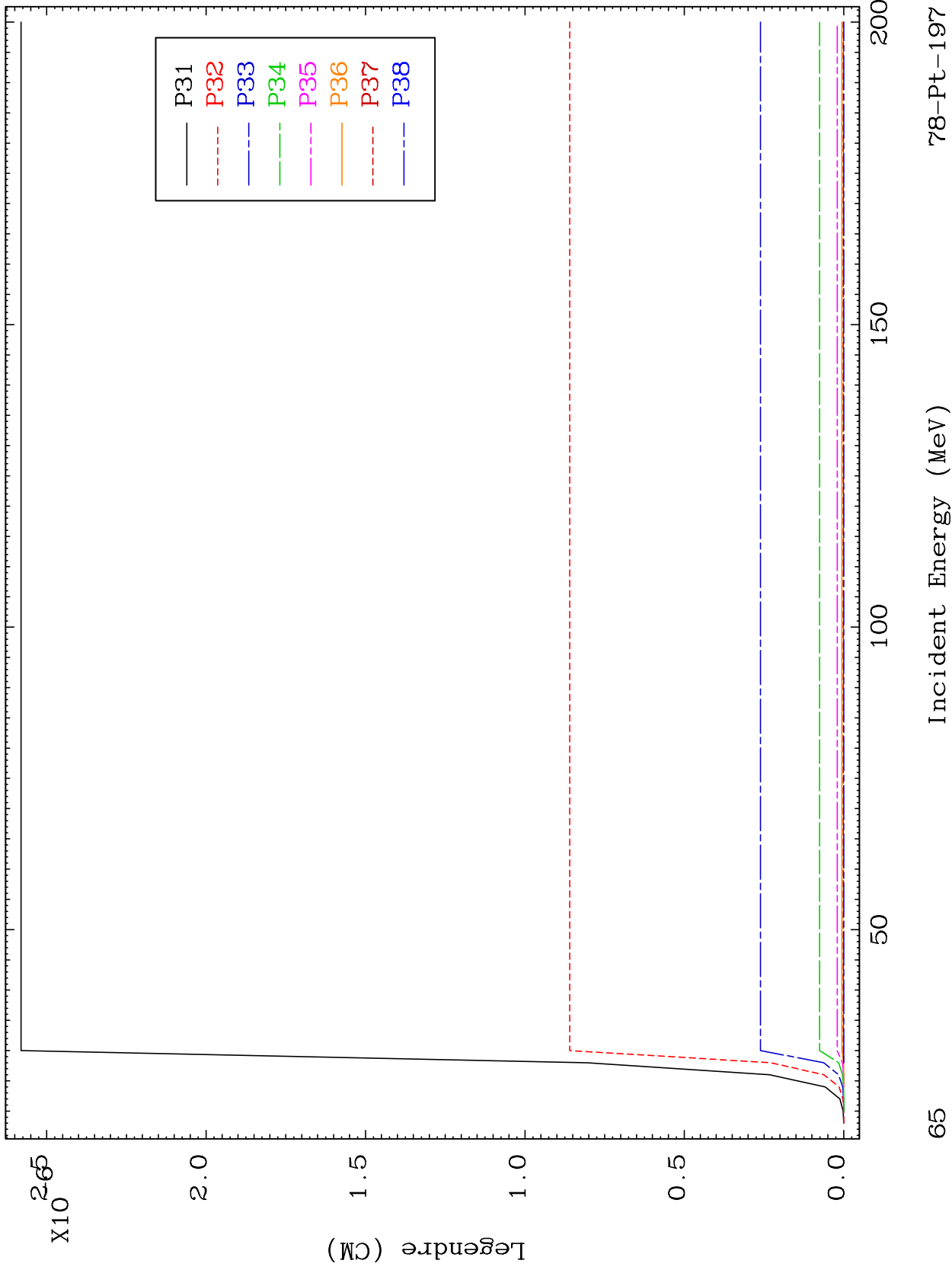
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



65

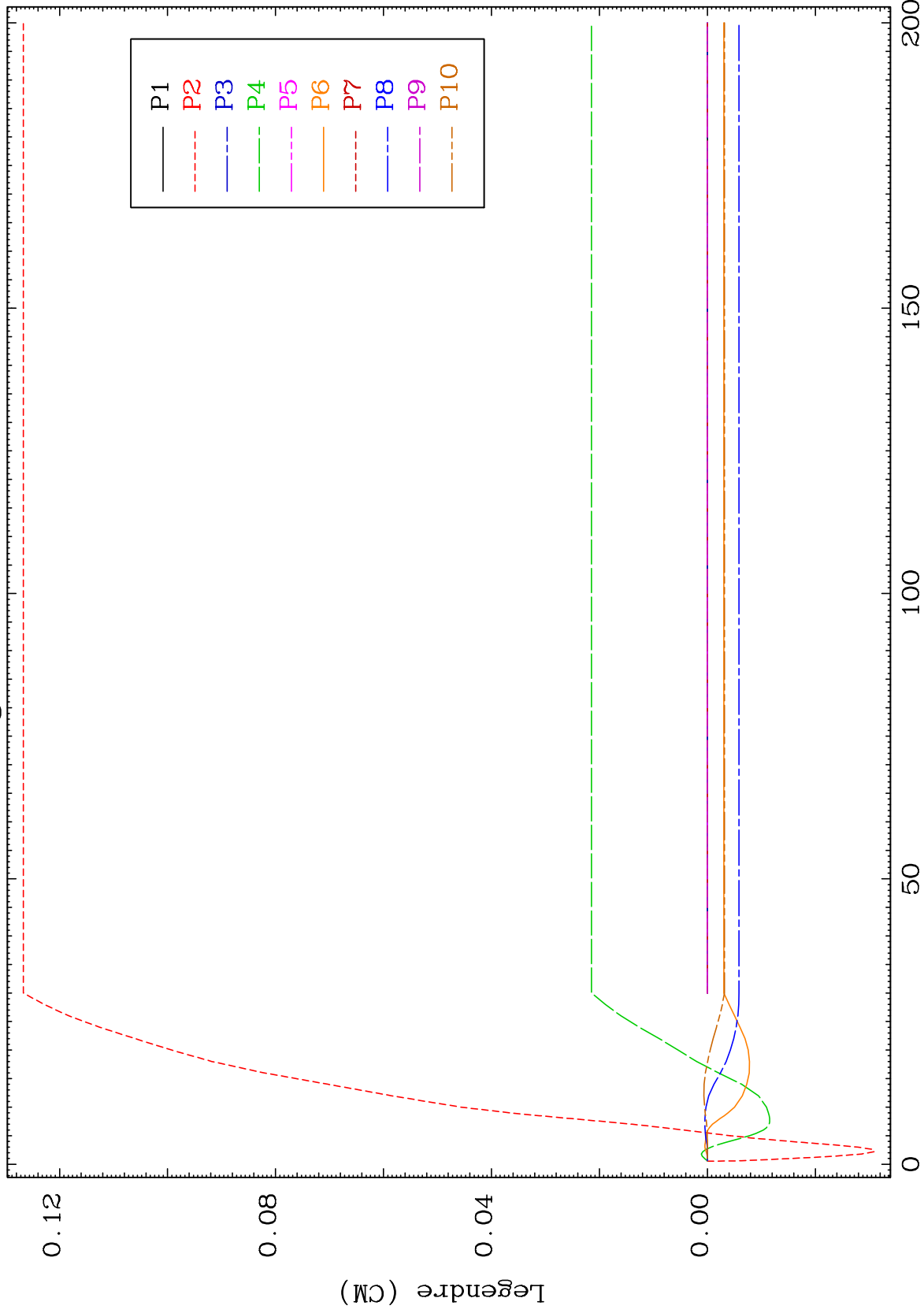
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



66

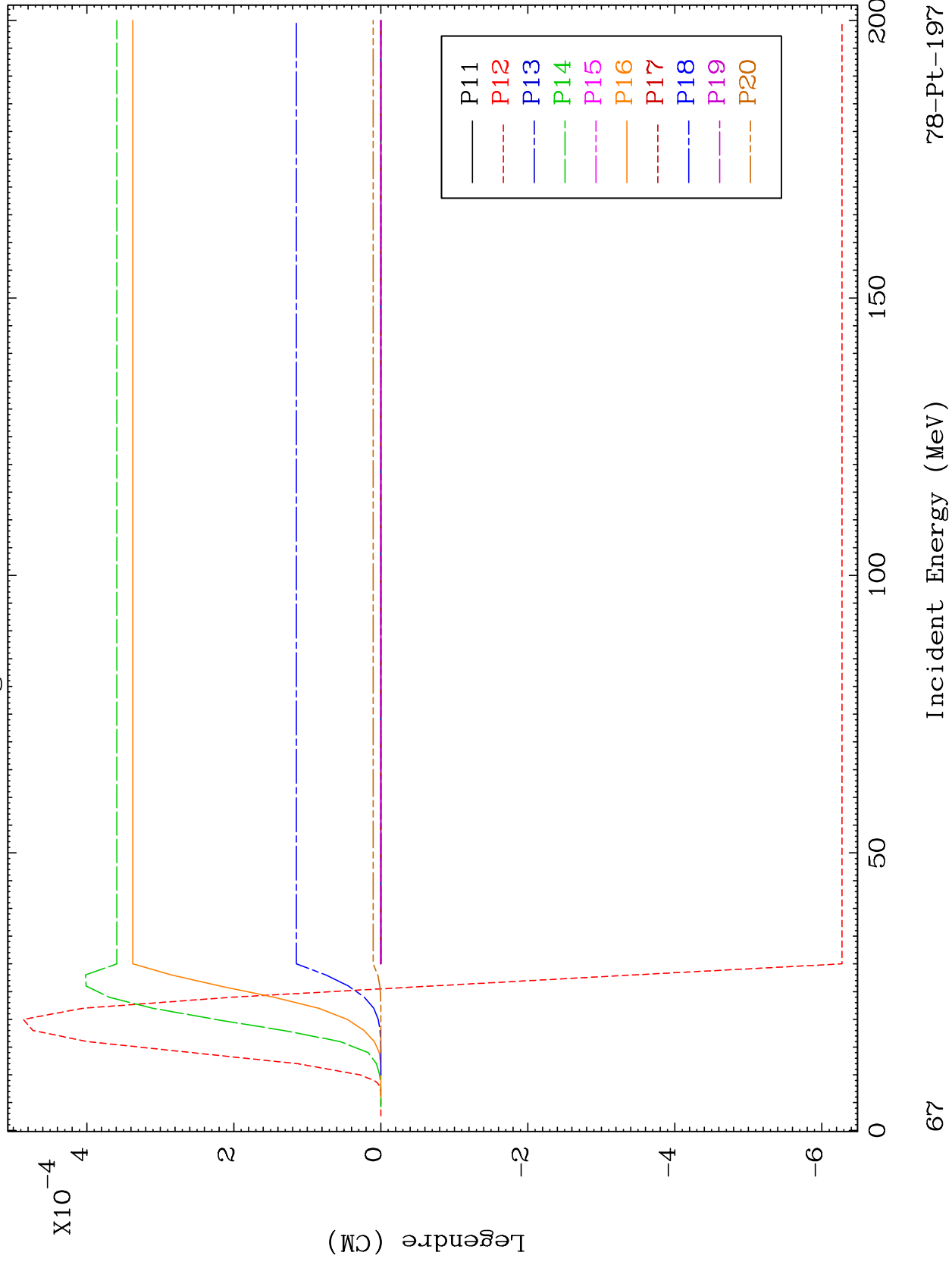
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

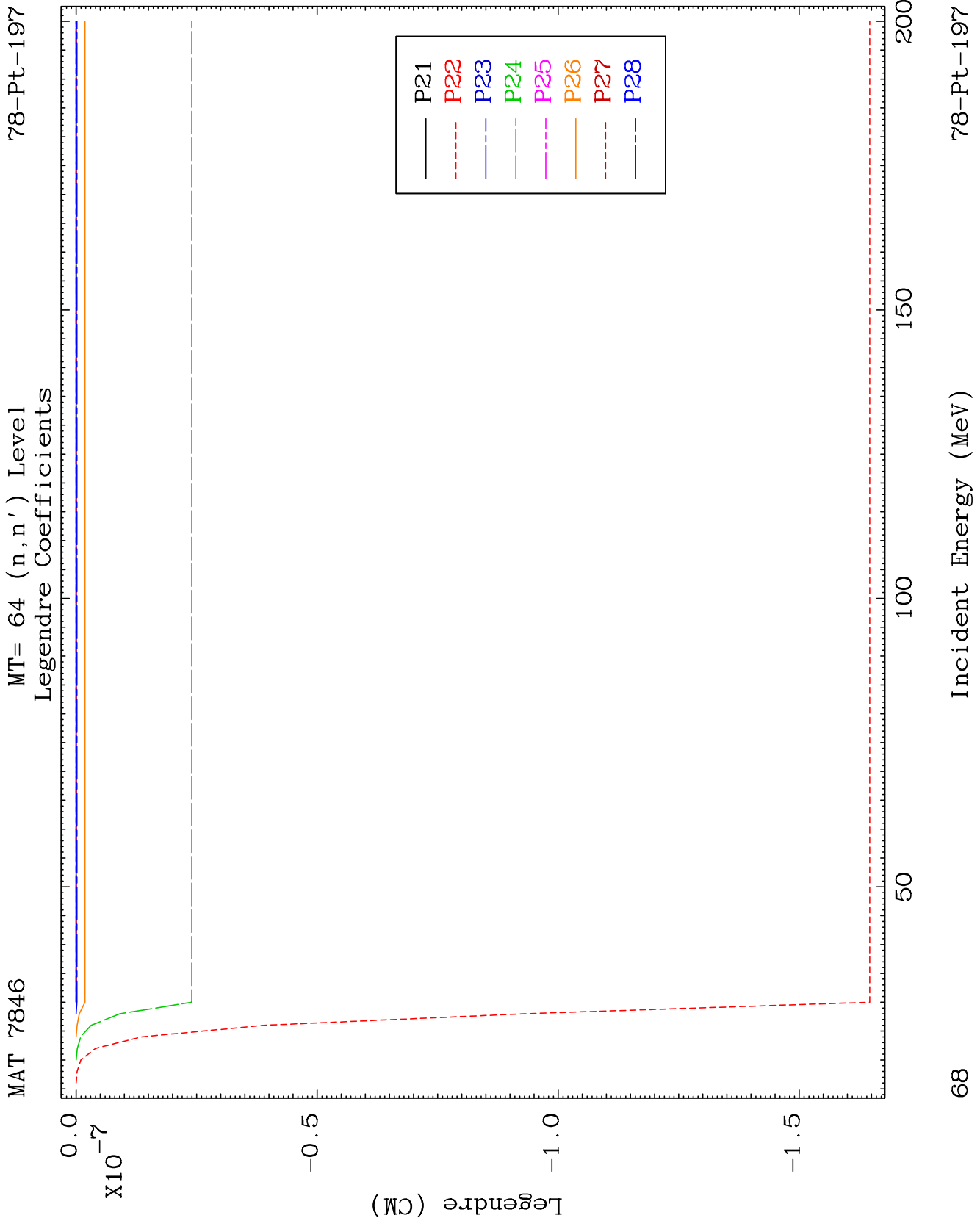
78-Pt-197



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Incident Energy (MeV)

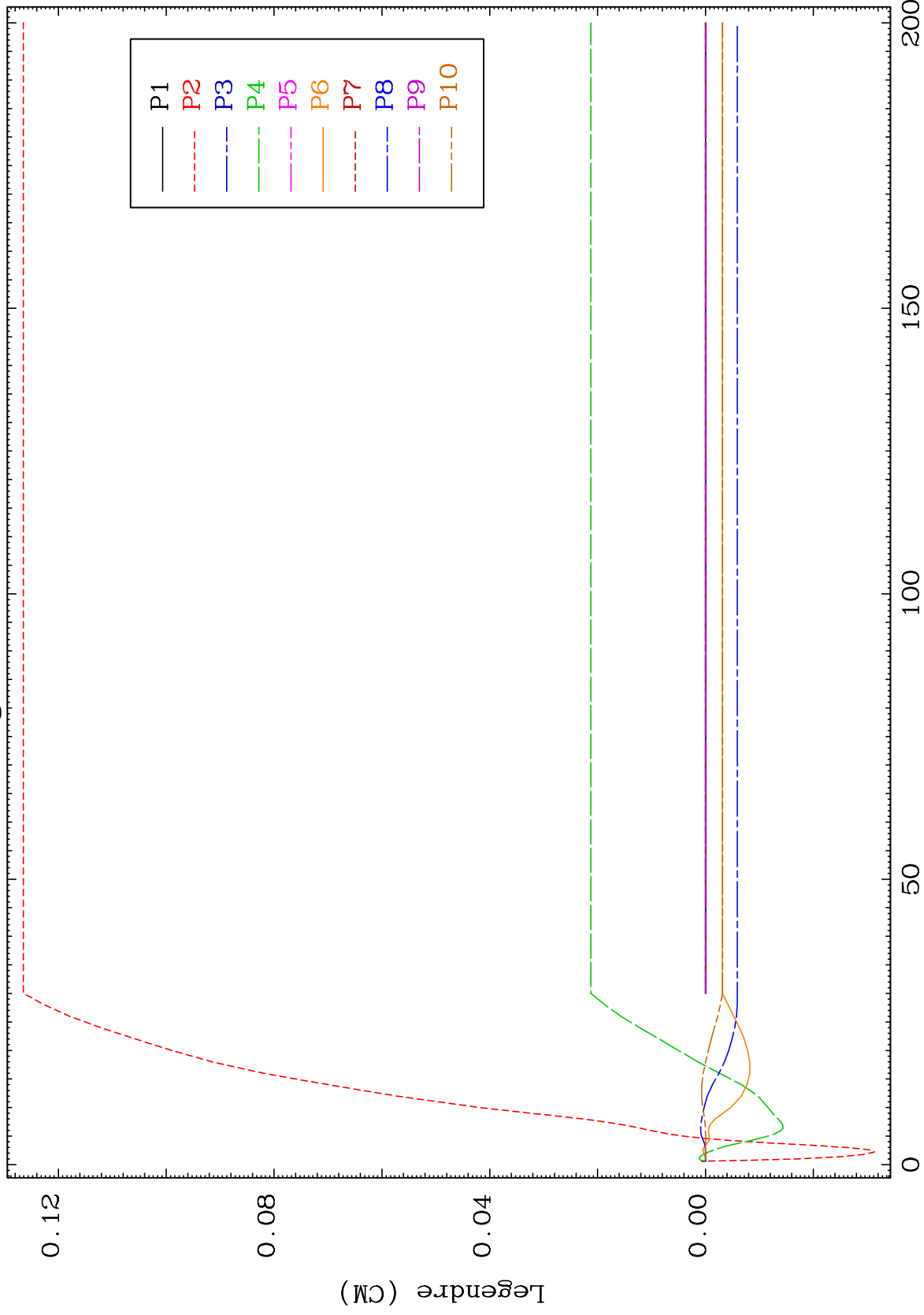
78-Pt-197



MAT 7846

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

78-Pt-197



69

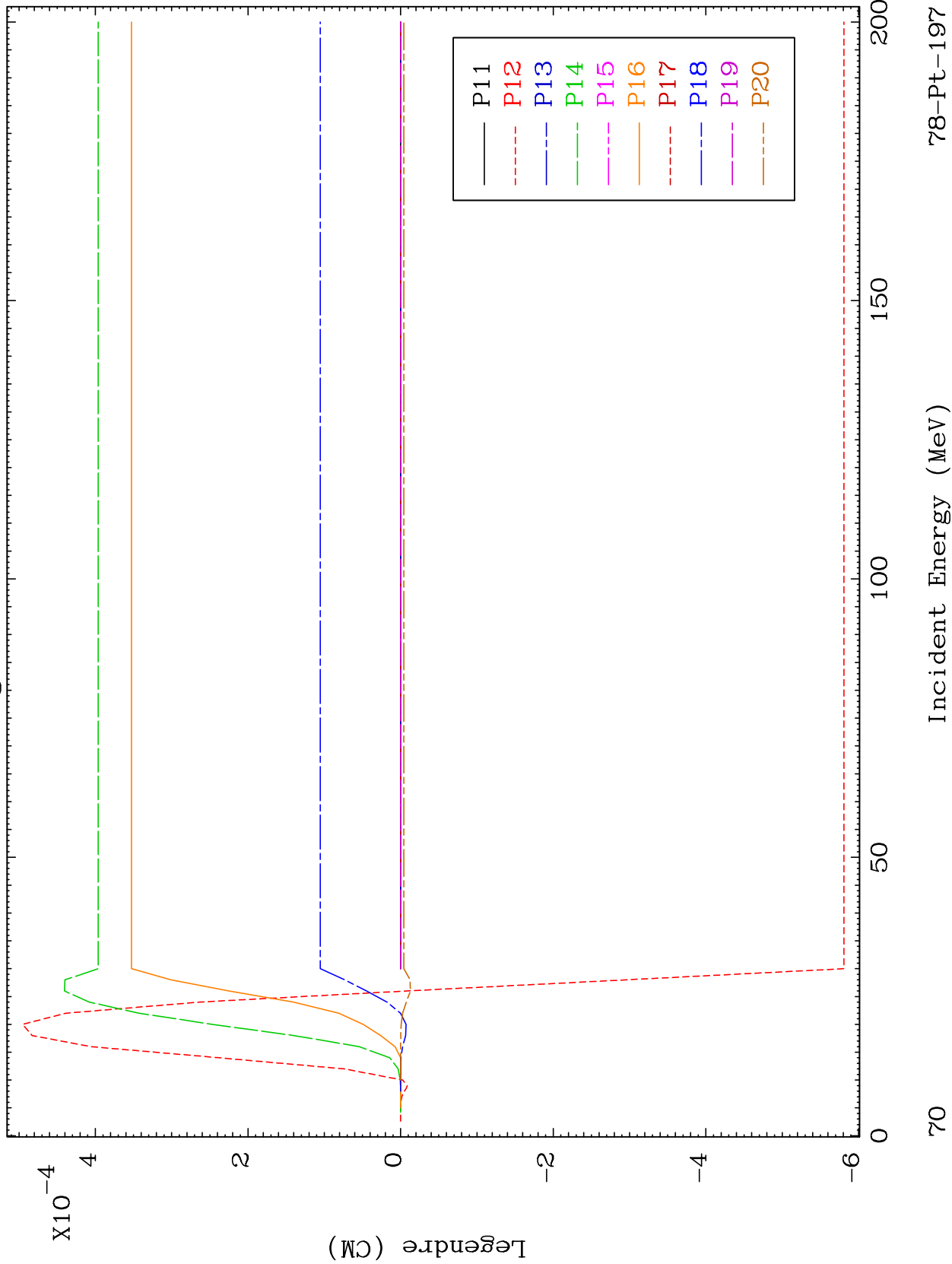
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

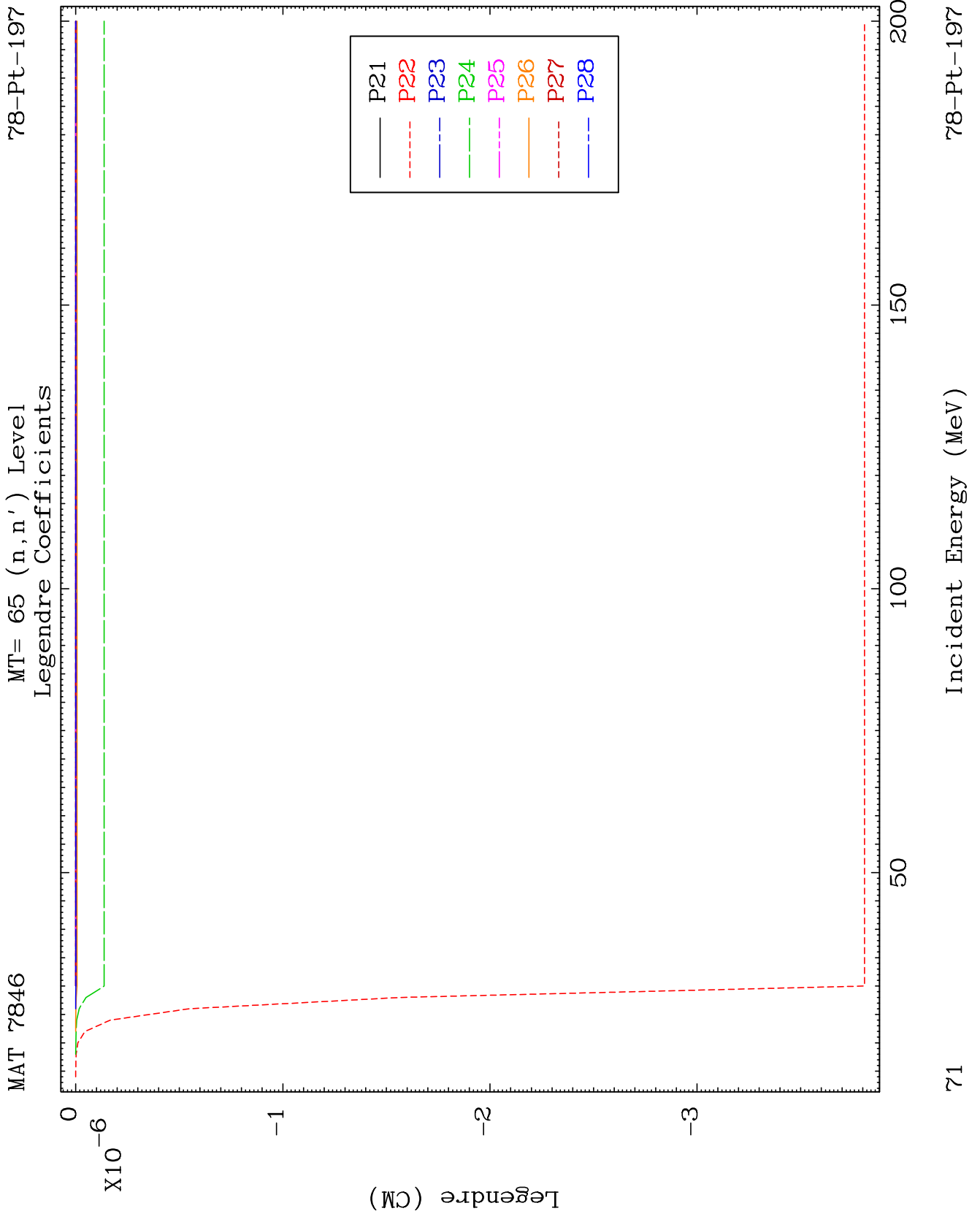
78-Pt-197

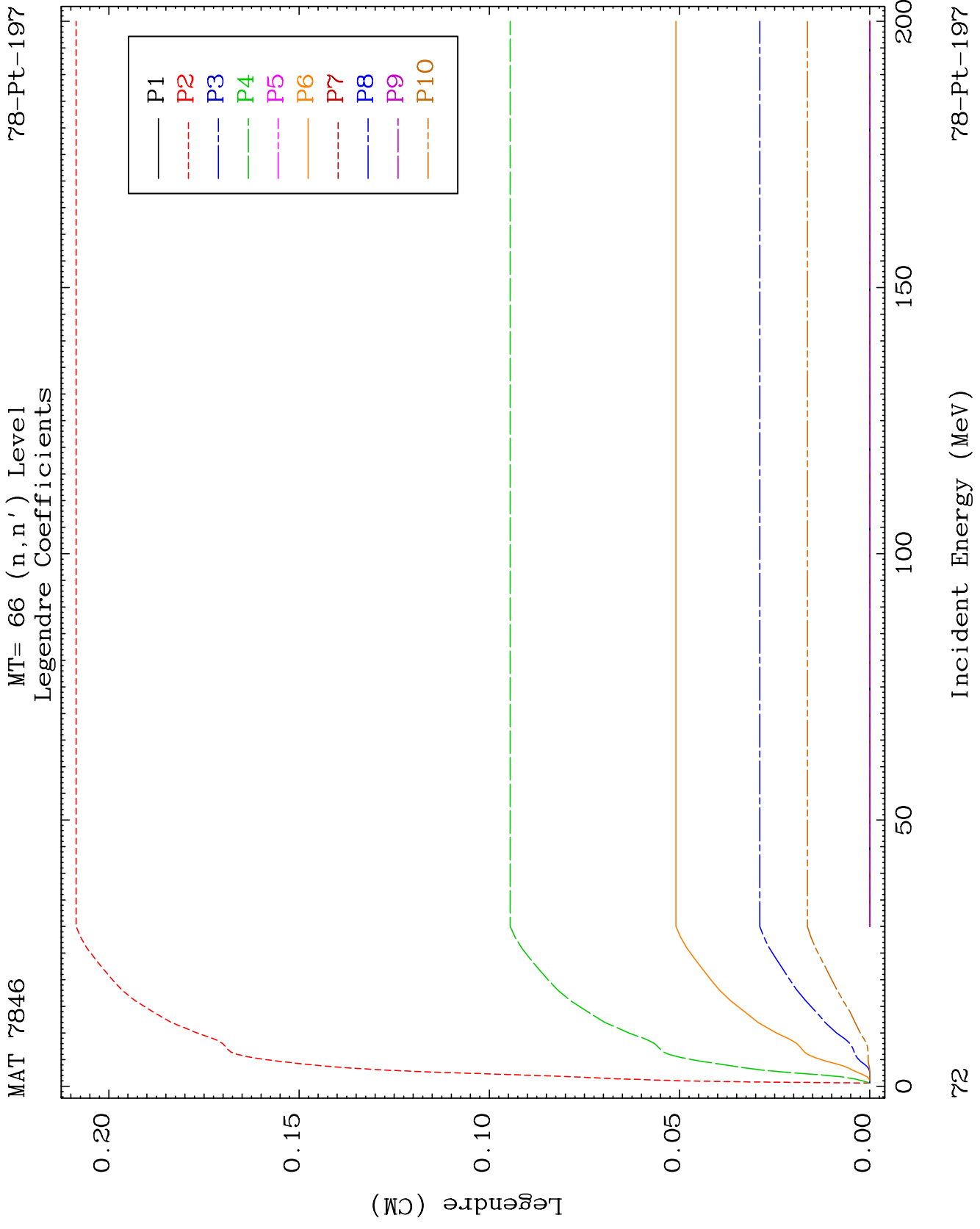


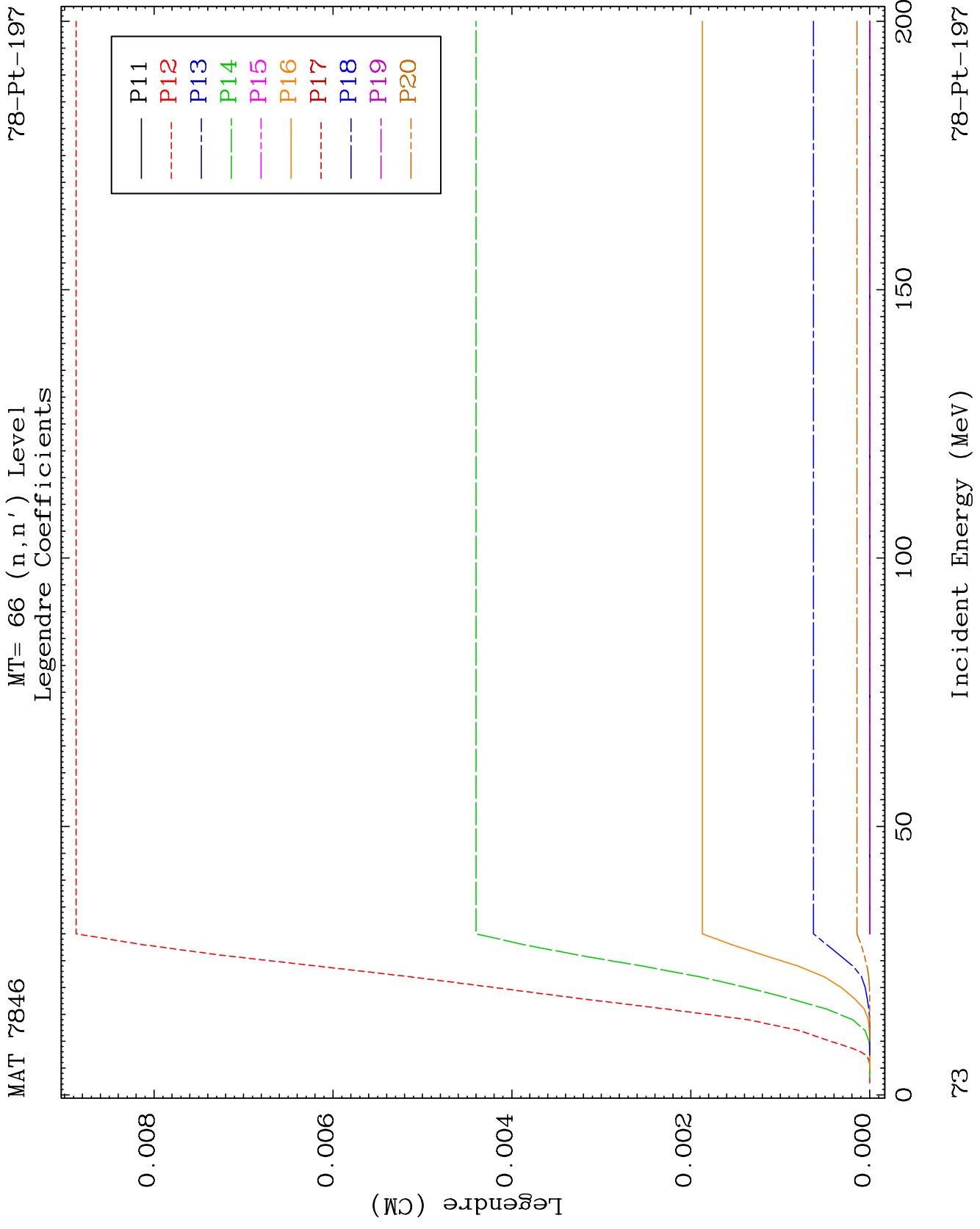
70

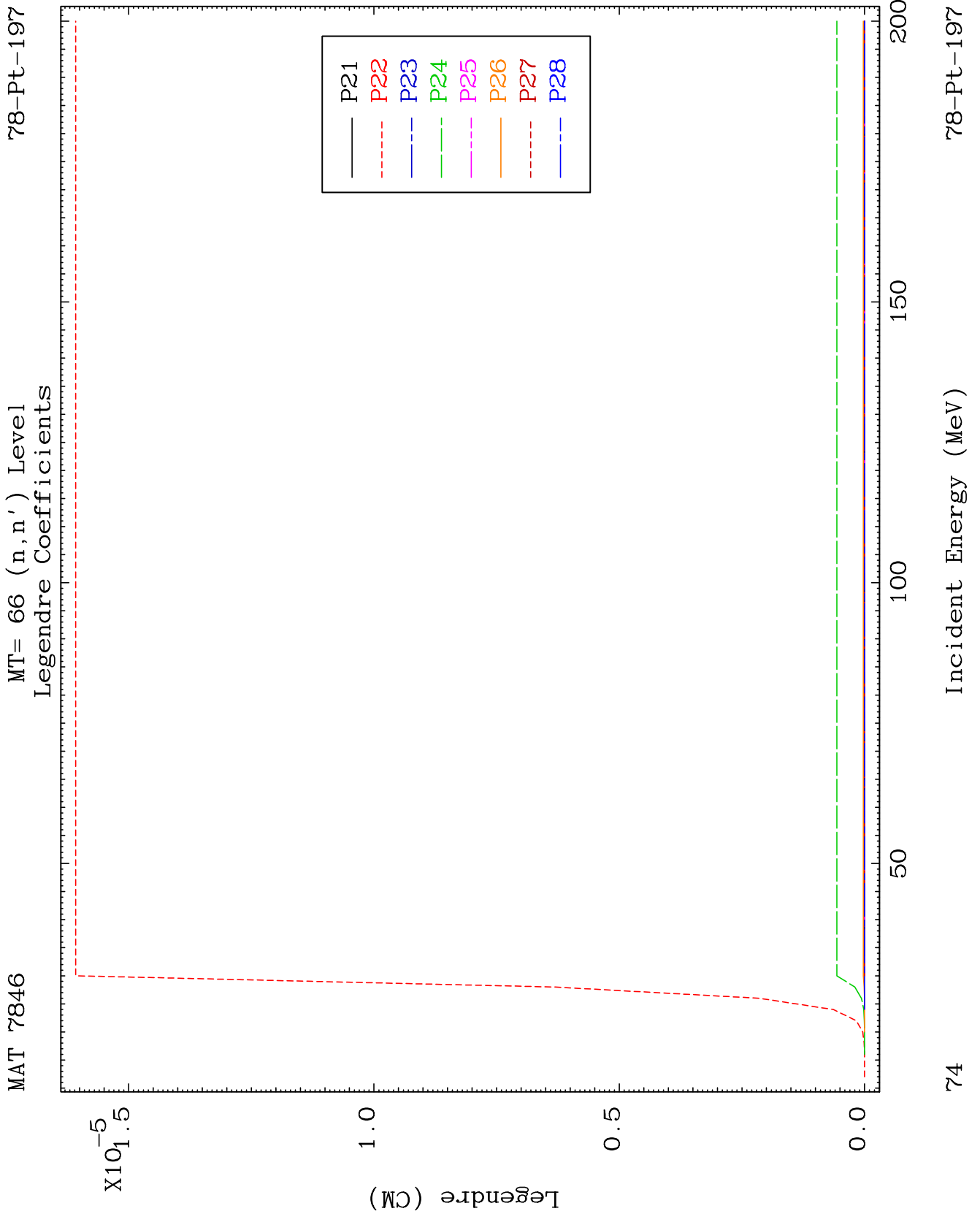
Incident Energy (MeV)

78-Pt-197





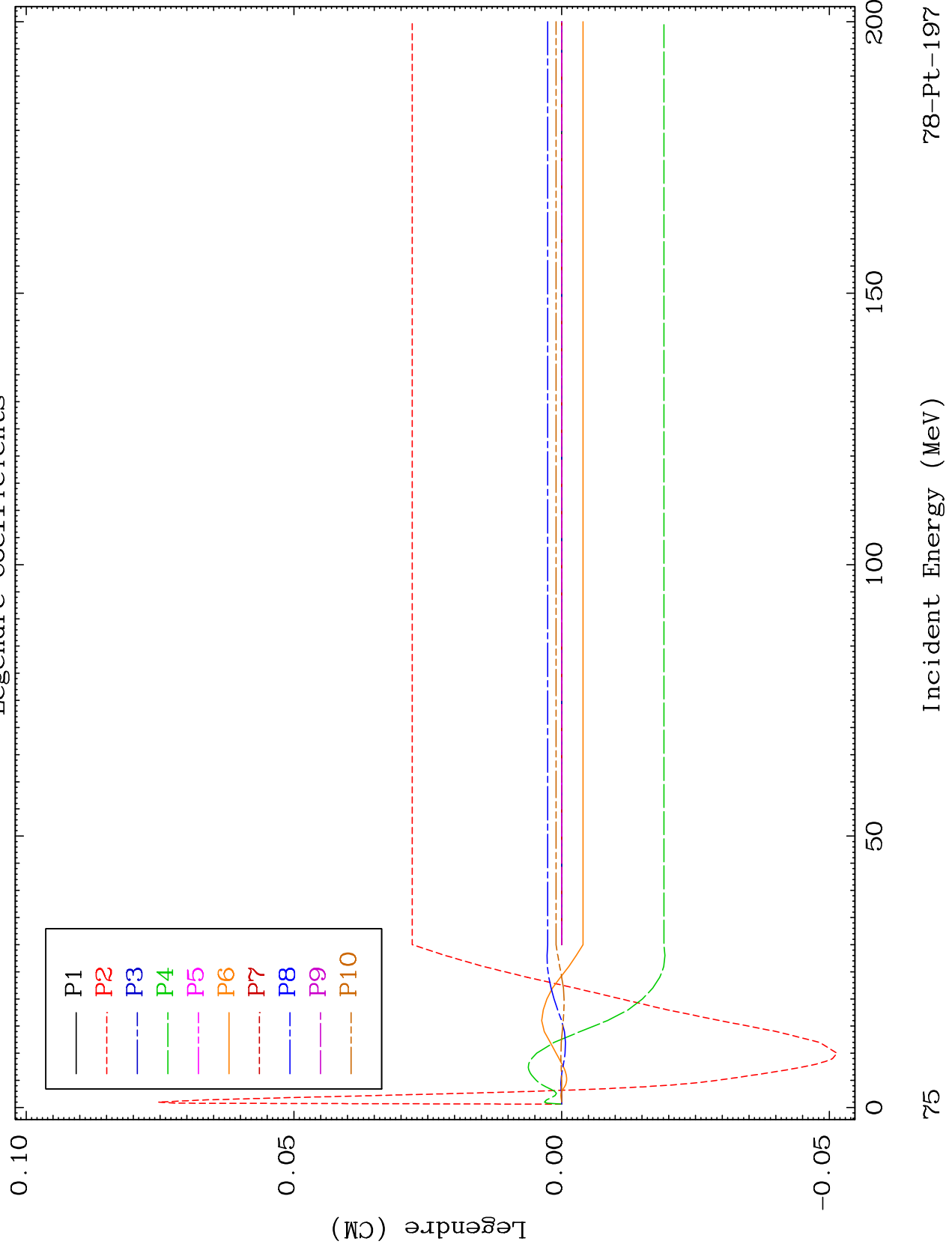




MAT 7846

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

78-Pt-197



78-Pt-197

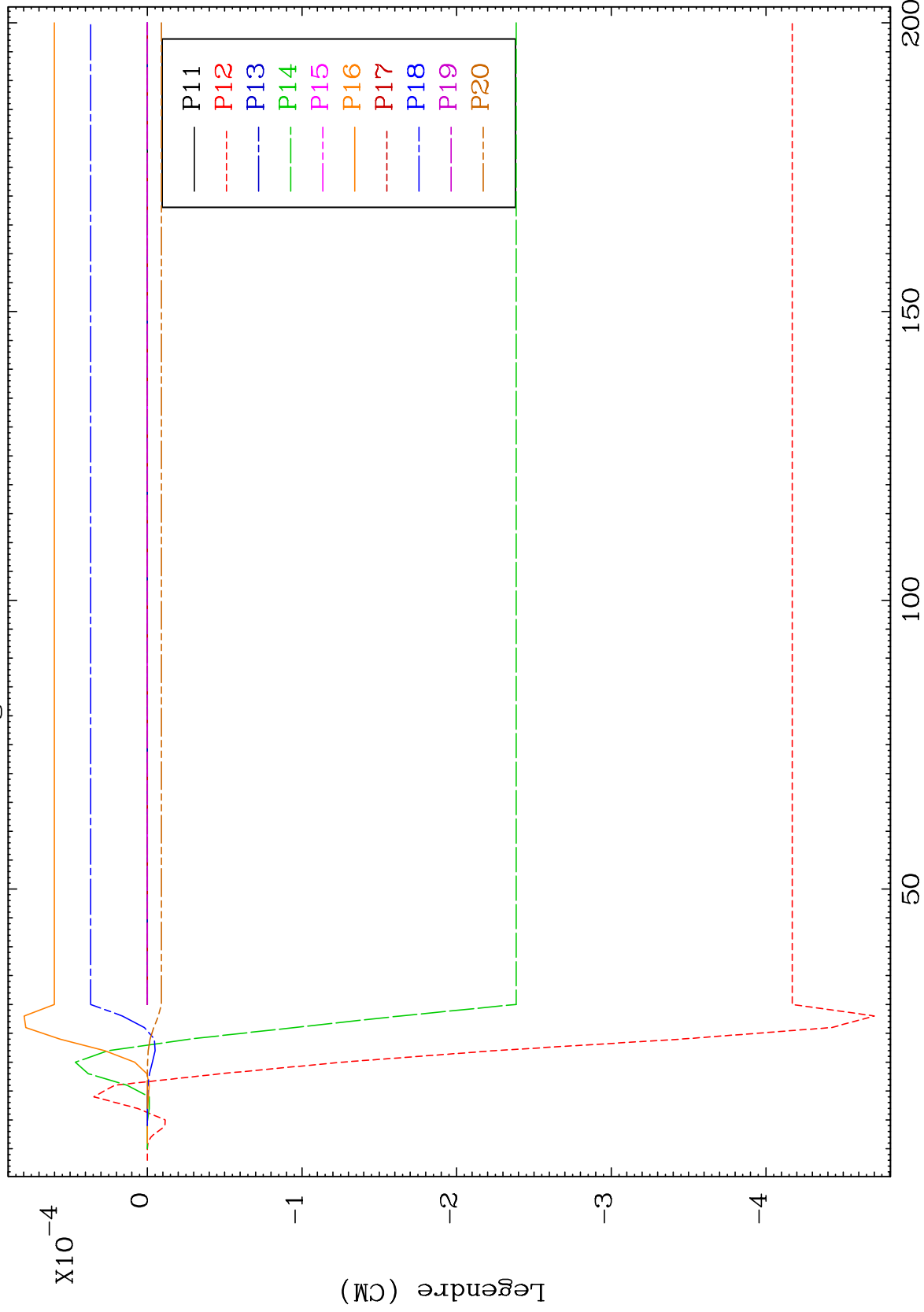
Incident Energy (MeV)

75

MAT 7846

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

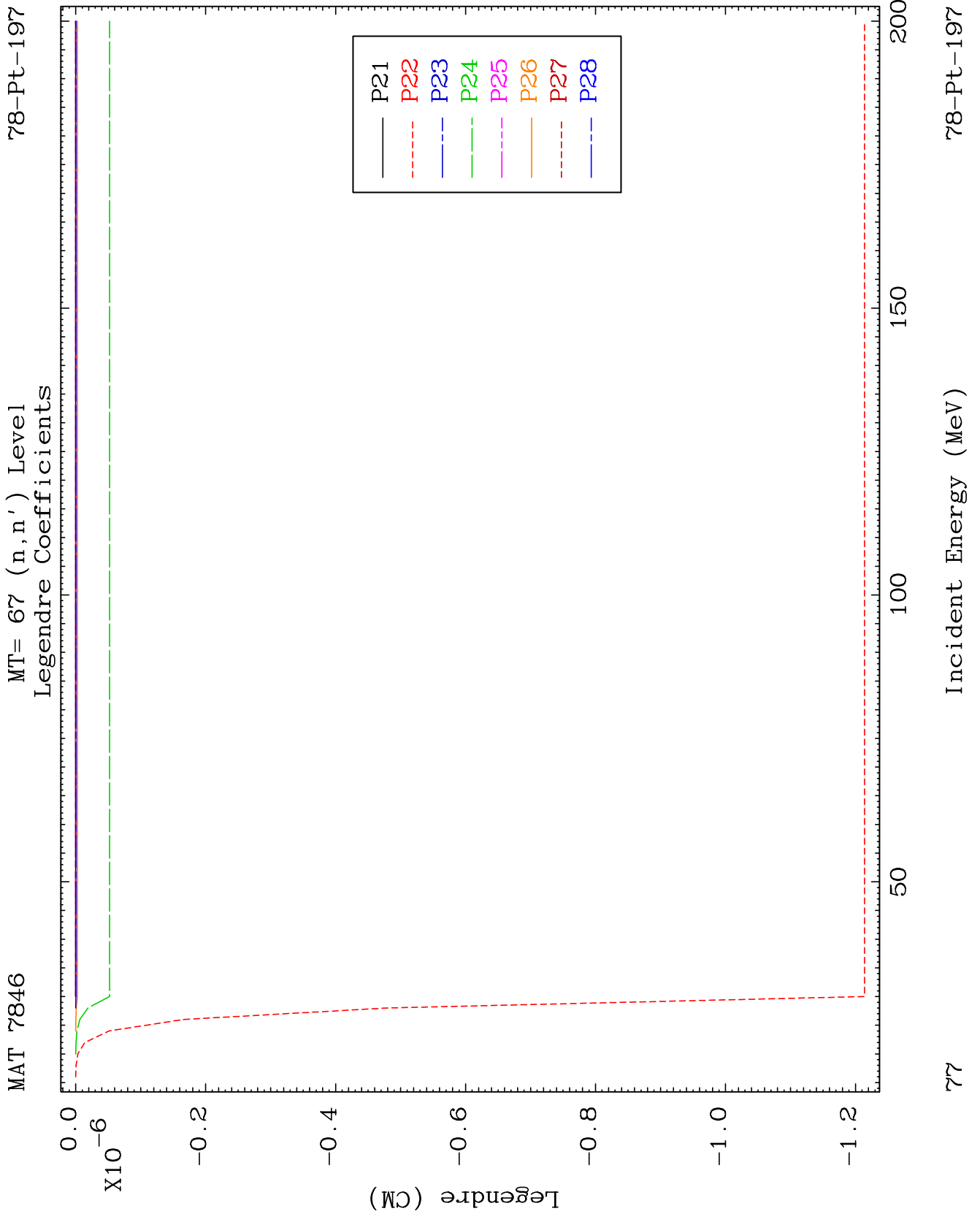
78-Pt-197



76

Incident Energy (MeV)

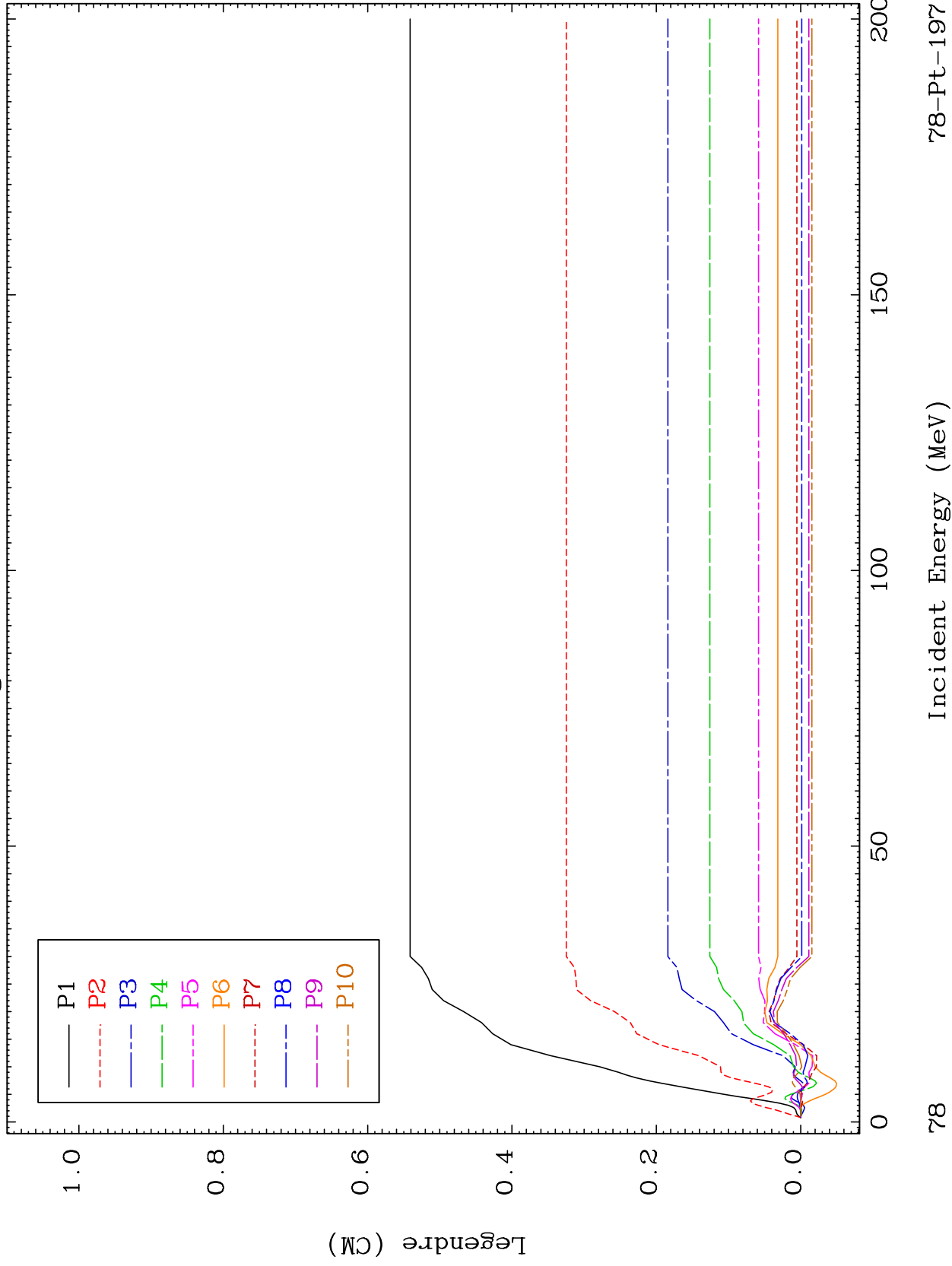
78-Pt-197



MAT 7846

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

78-Pt-197



78

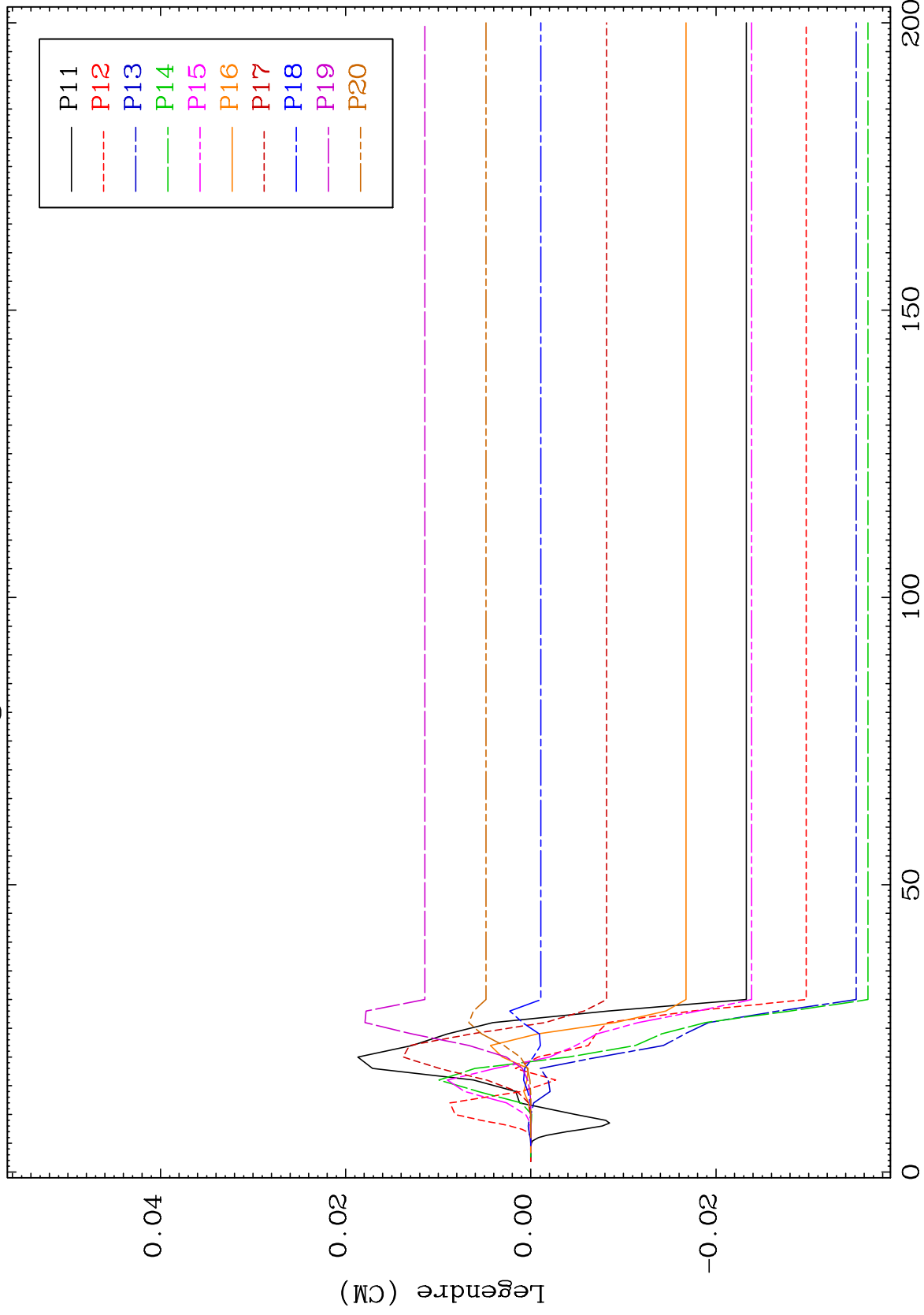
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



79

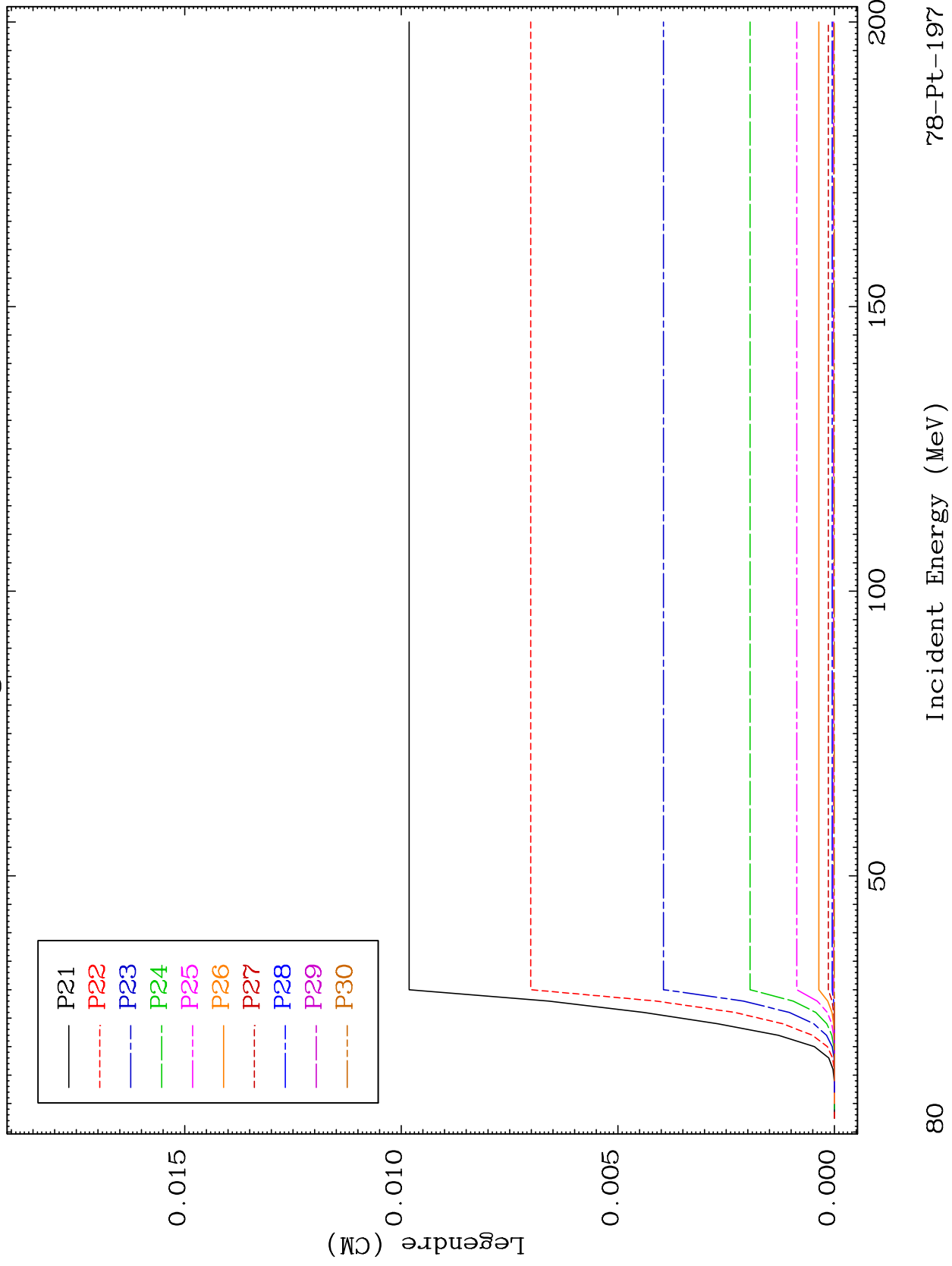
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



78-Pt-197

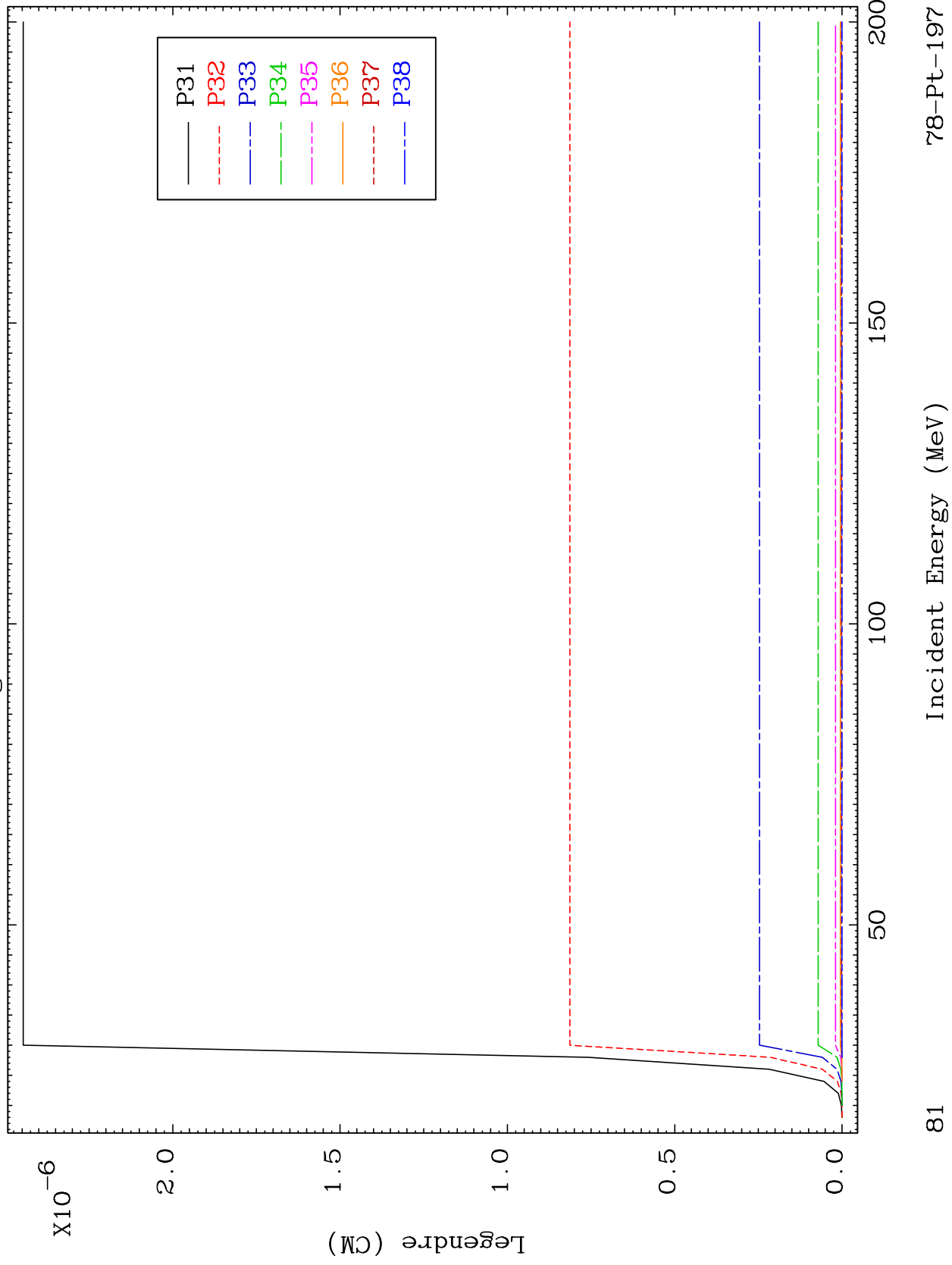
Incident Energy (MeV)

80

MAT 7846

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

78-Pt-197



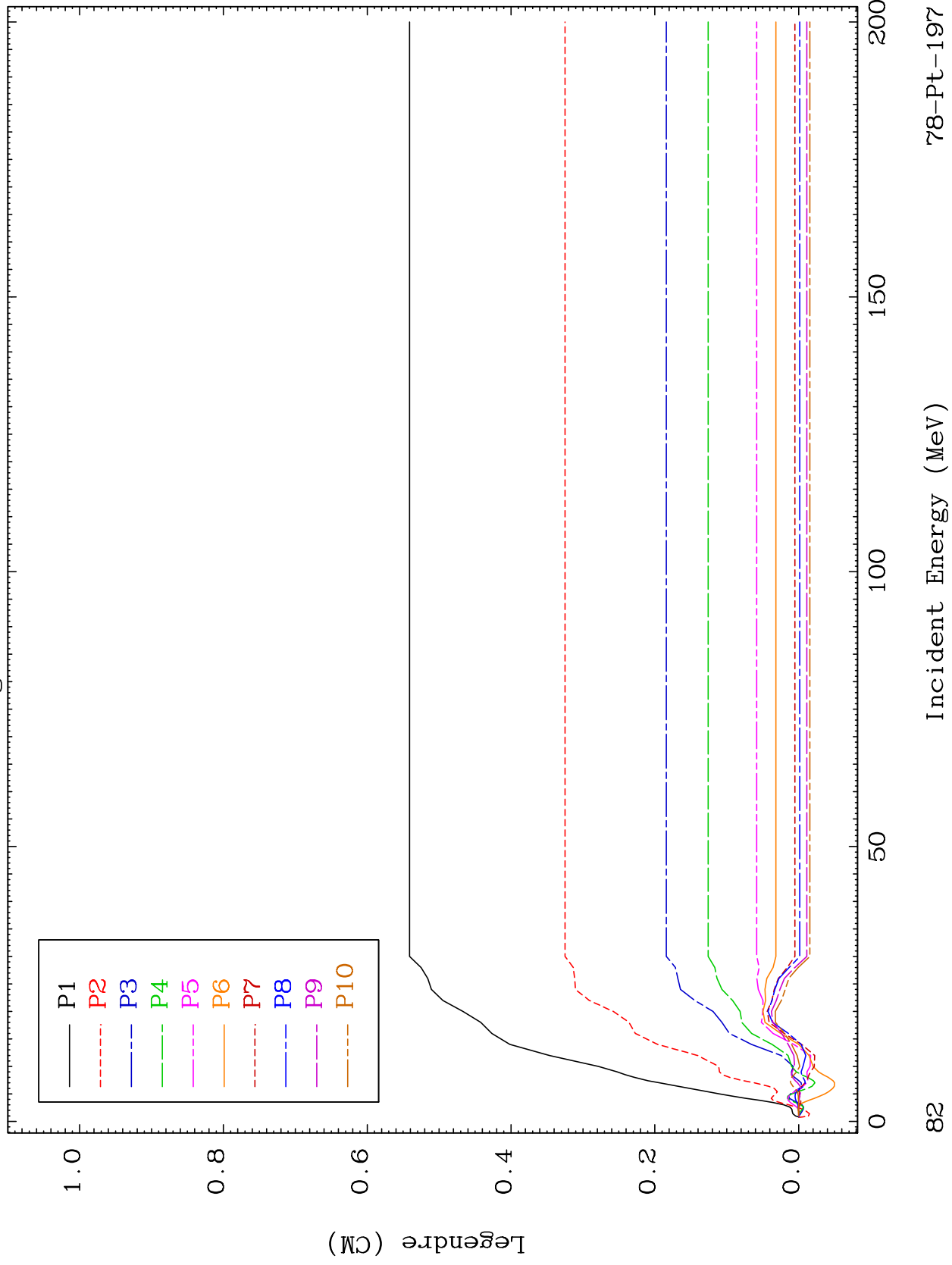
81

78-Pt-197

MAT 7846

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

78-Pt-197

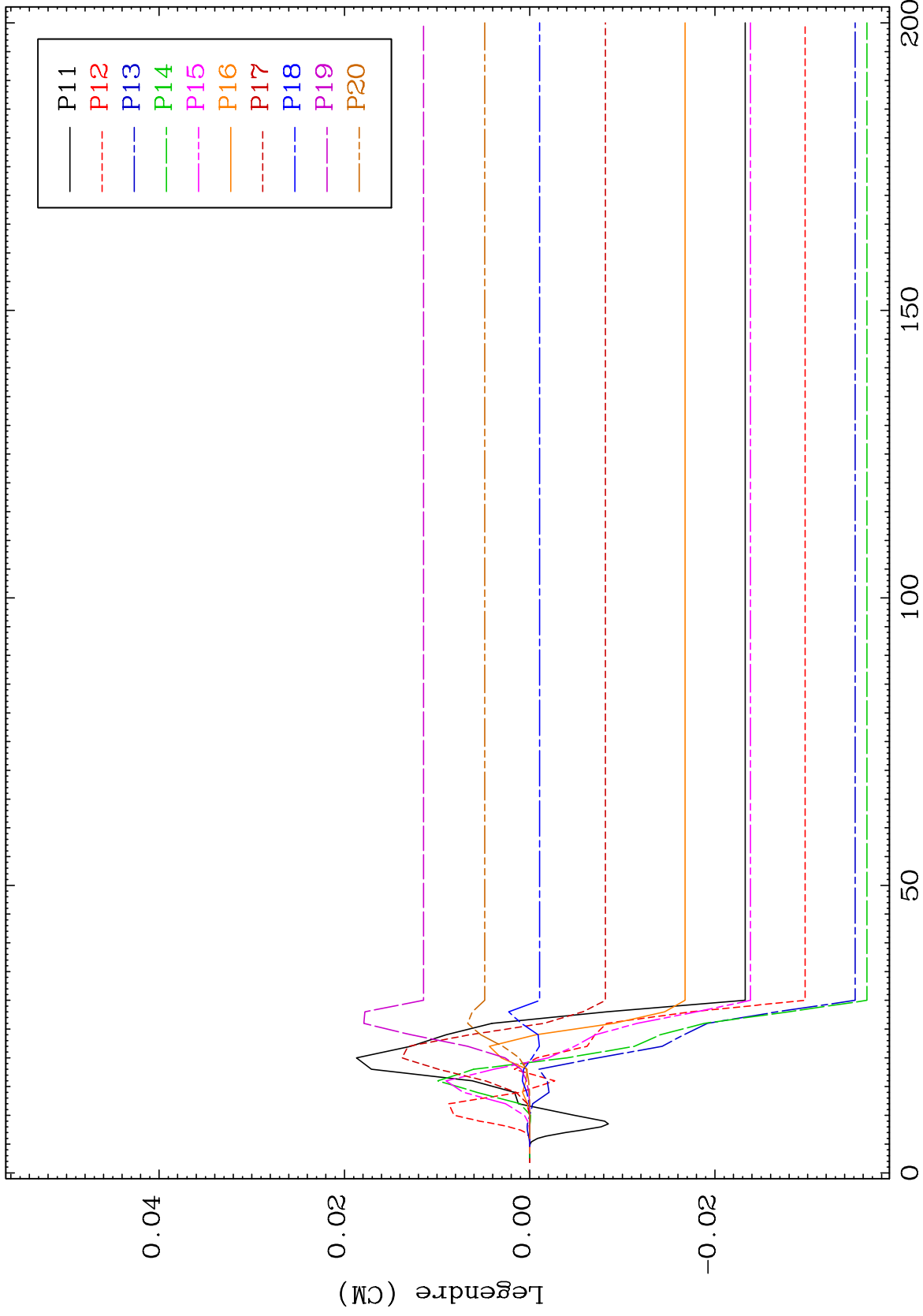


82

MAT 7846

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

78-Pt-197



83

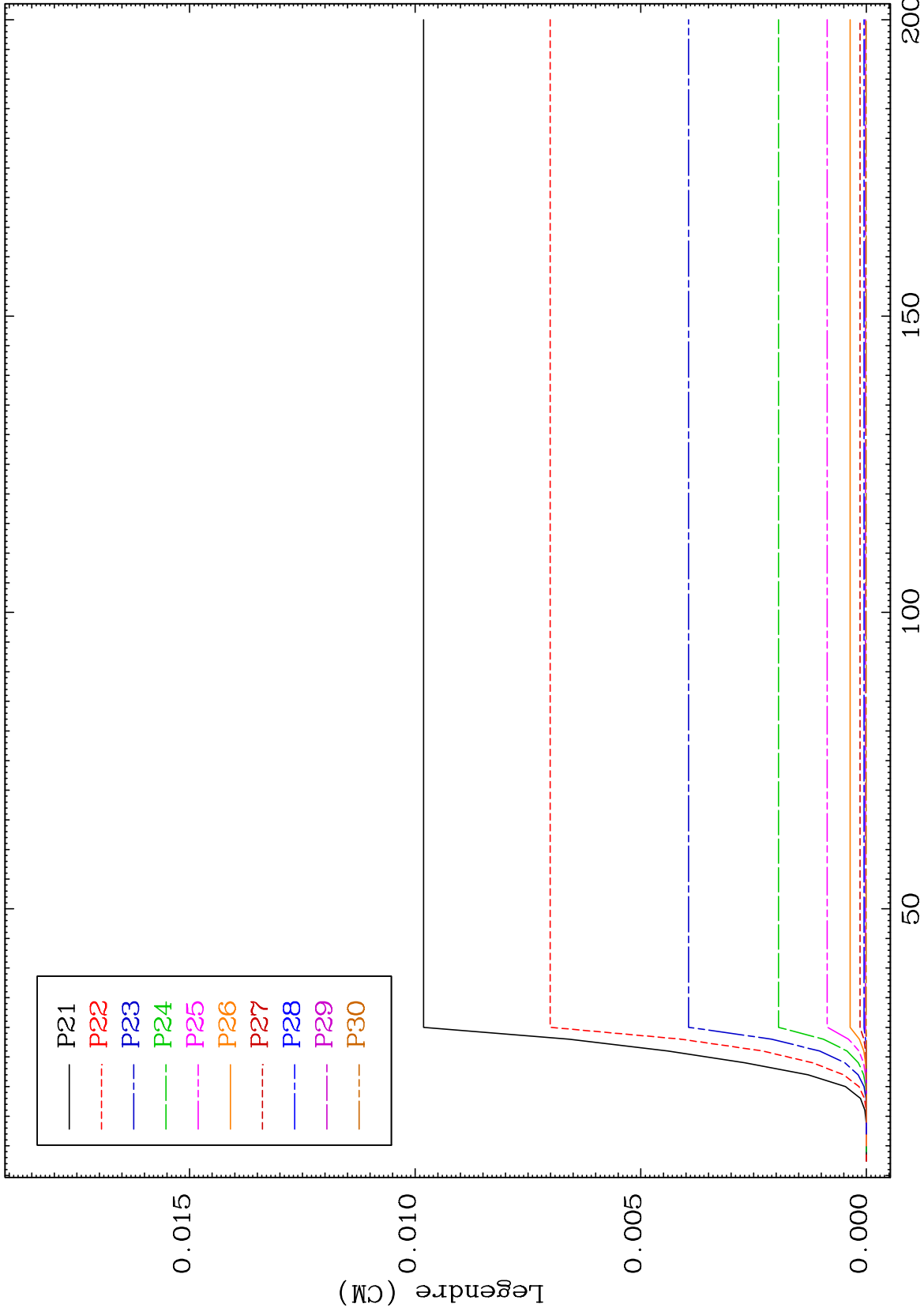
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



84

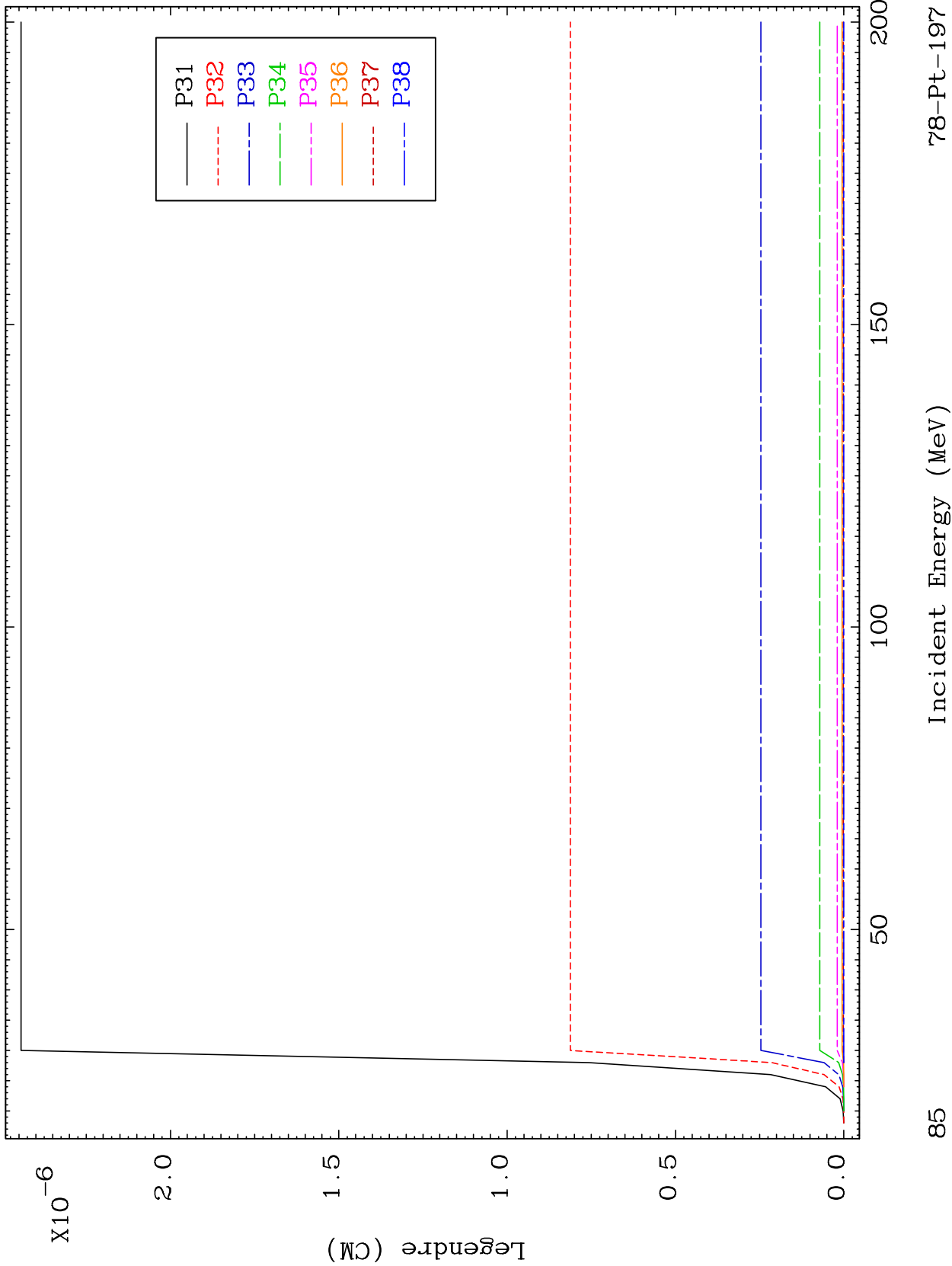
Incident Energy (MeV)

78-Pt-197

MAT 7846

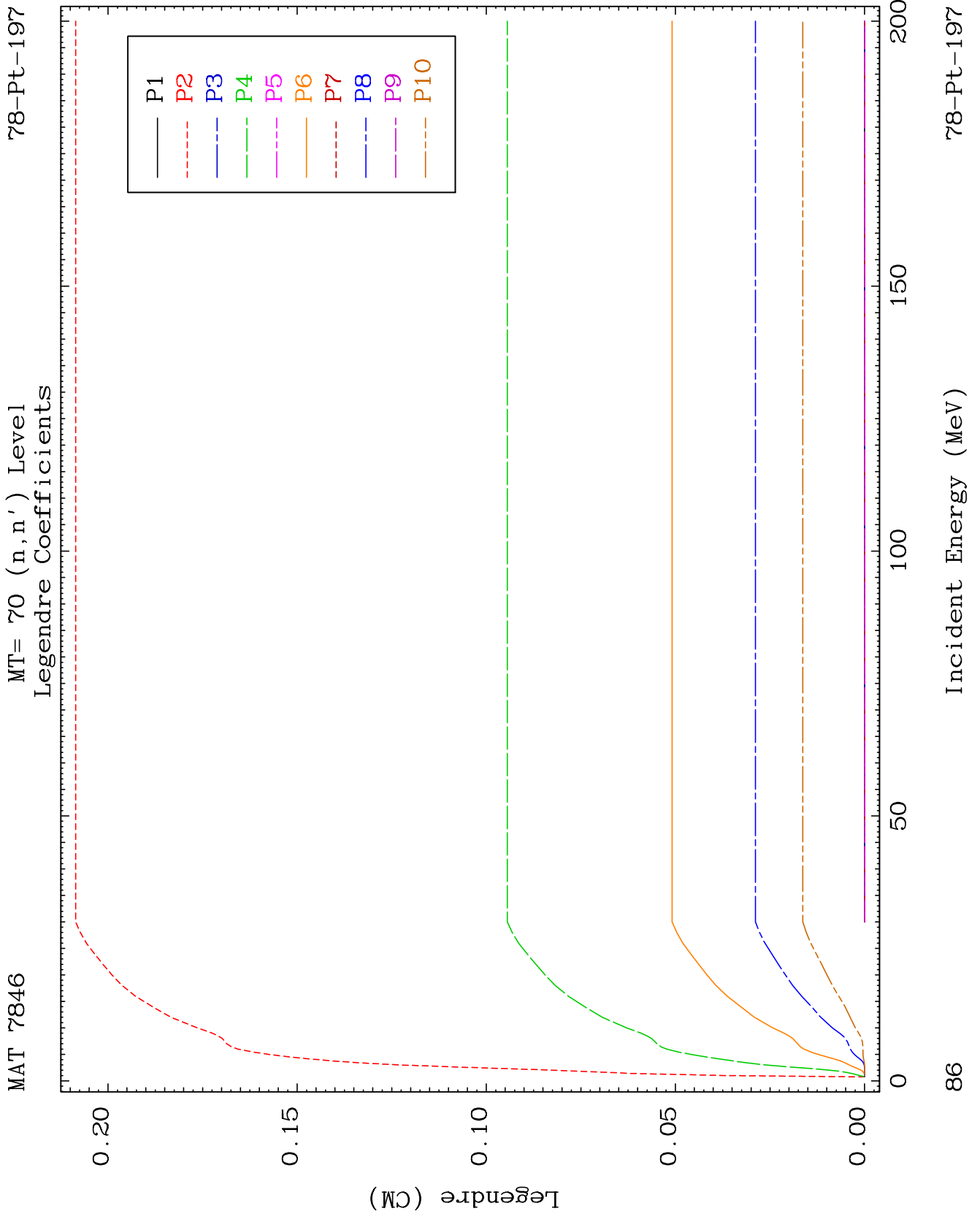
MT= 69 (n,n') Level
Legendre Coefficients

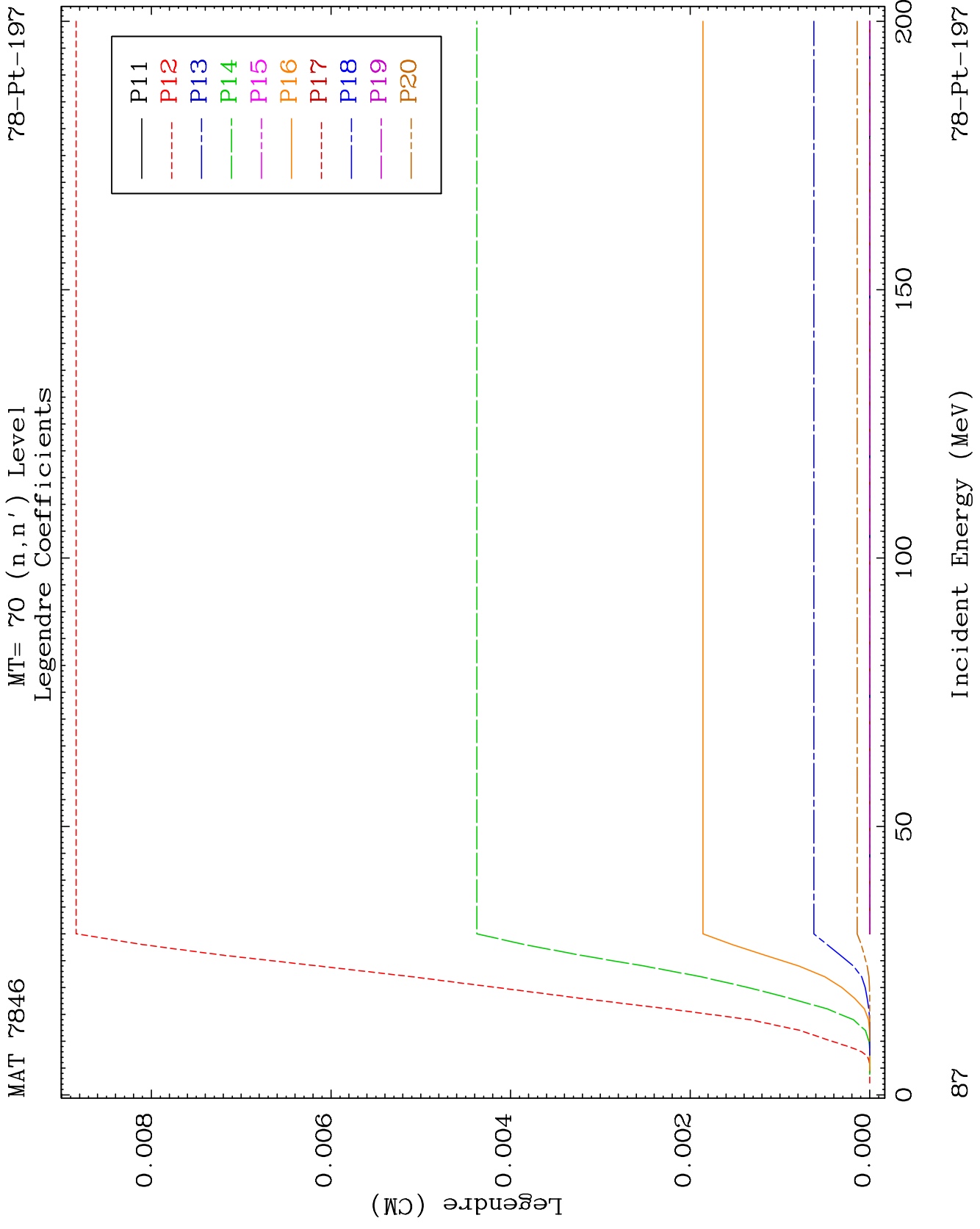
78-Pt-197

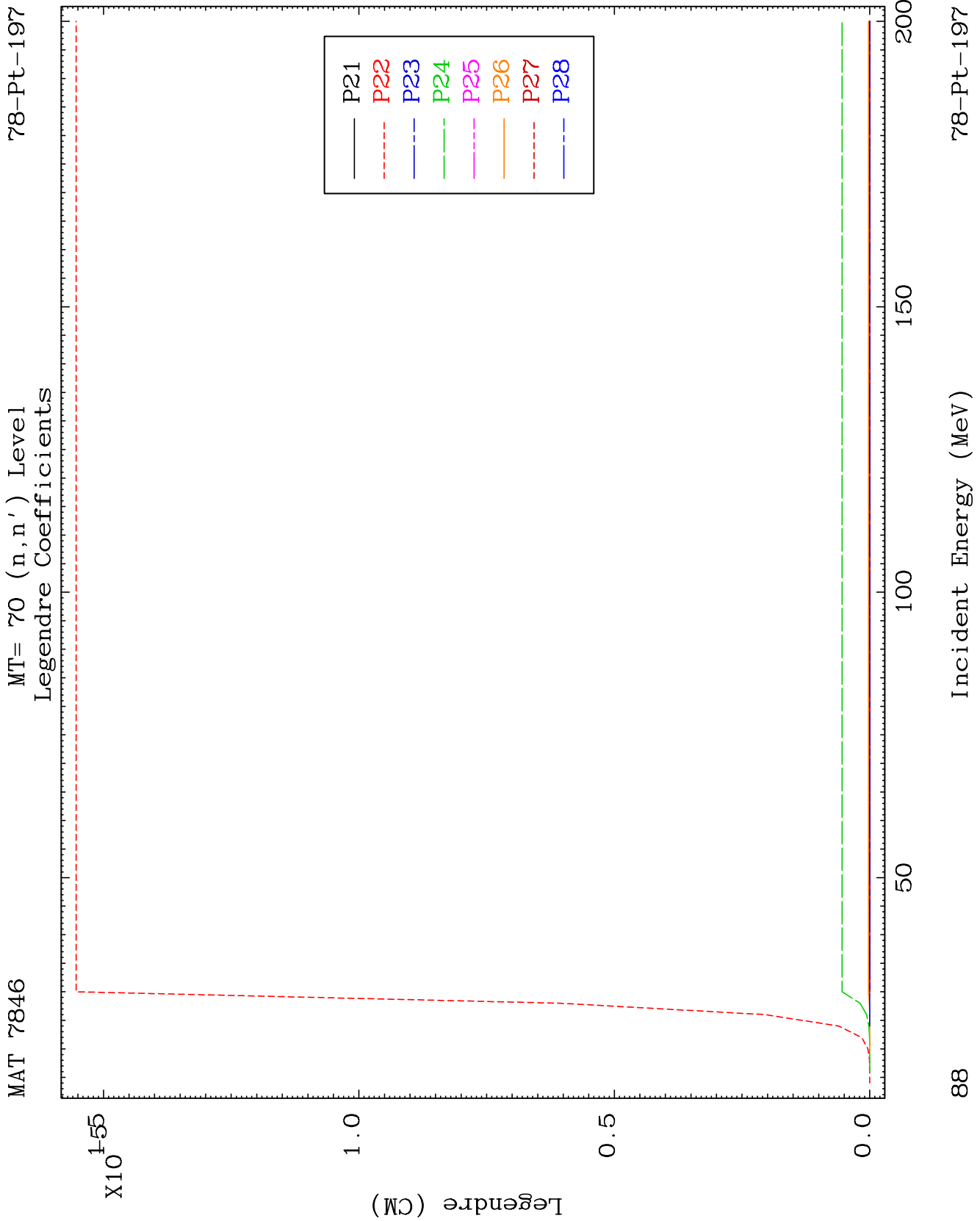


85

78-Pt-197



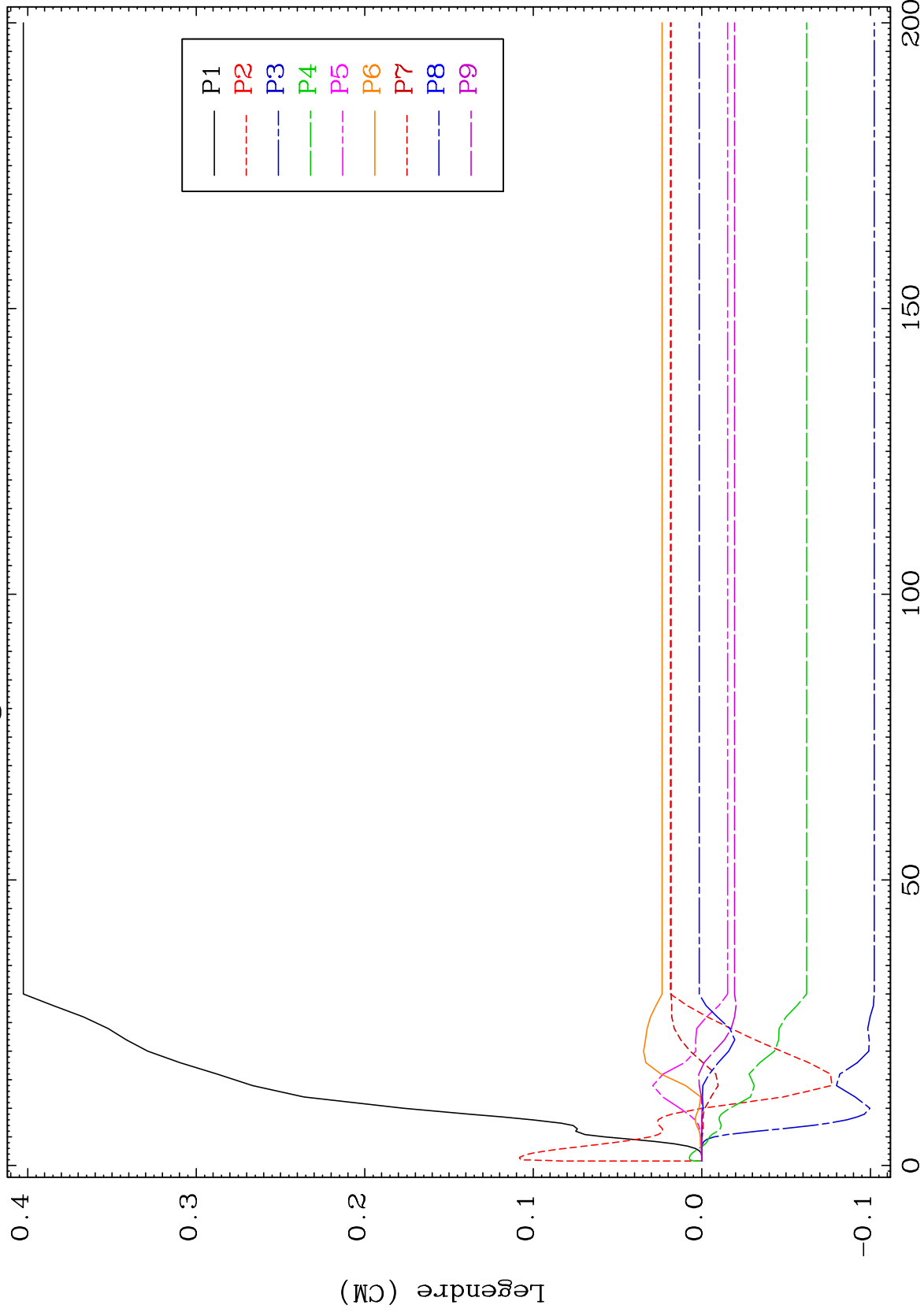




MAT 7846

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

78-Pt-197



89

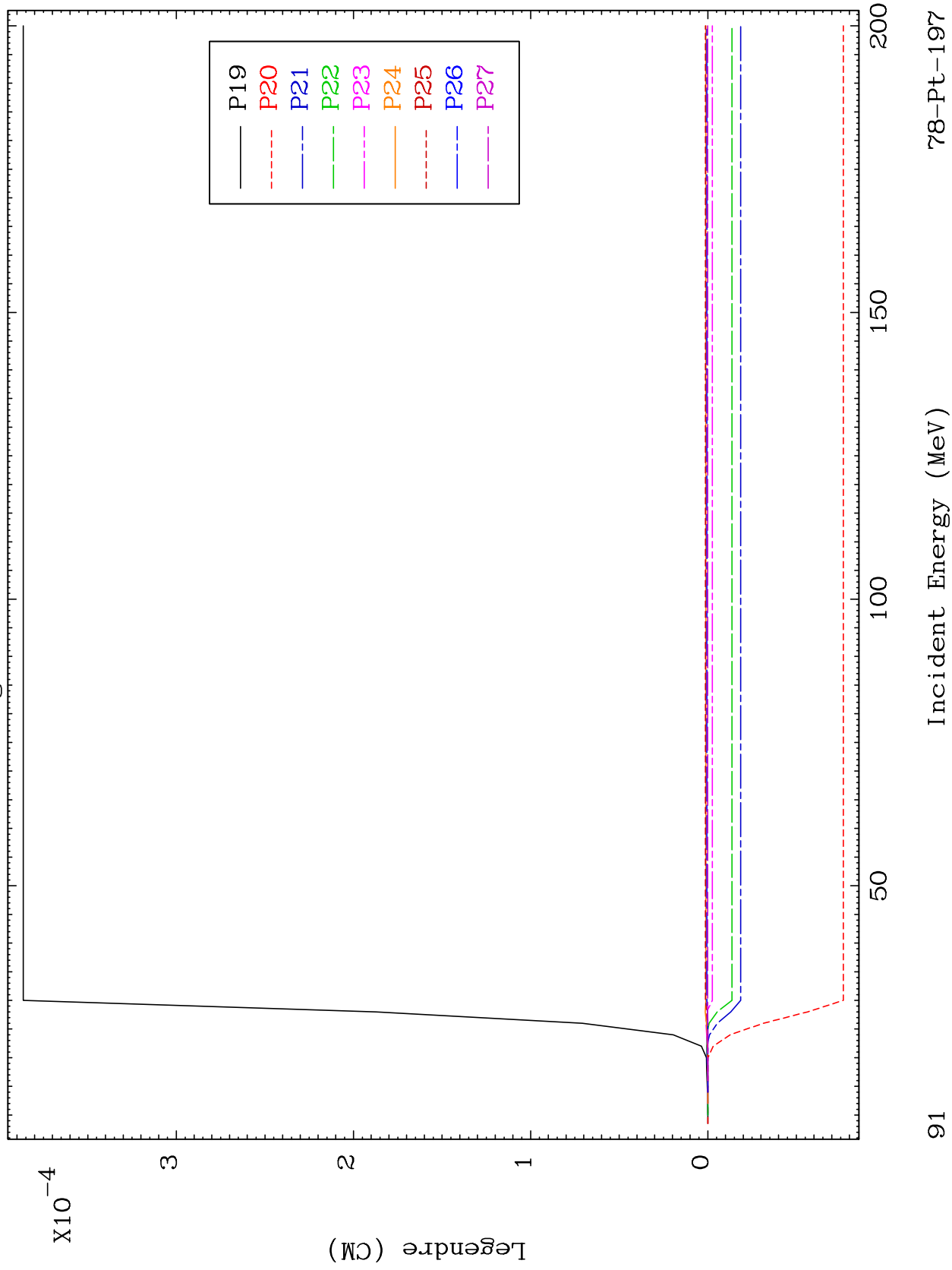
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

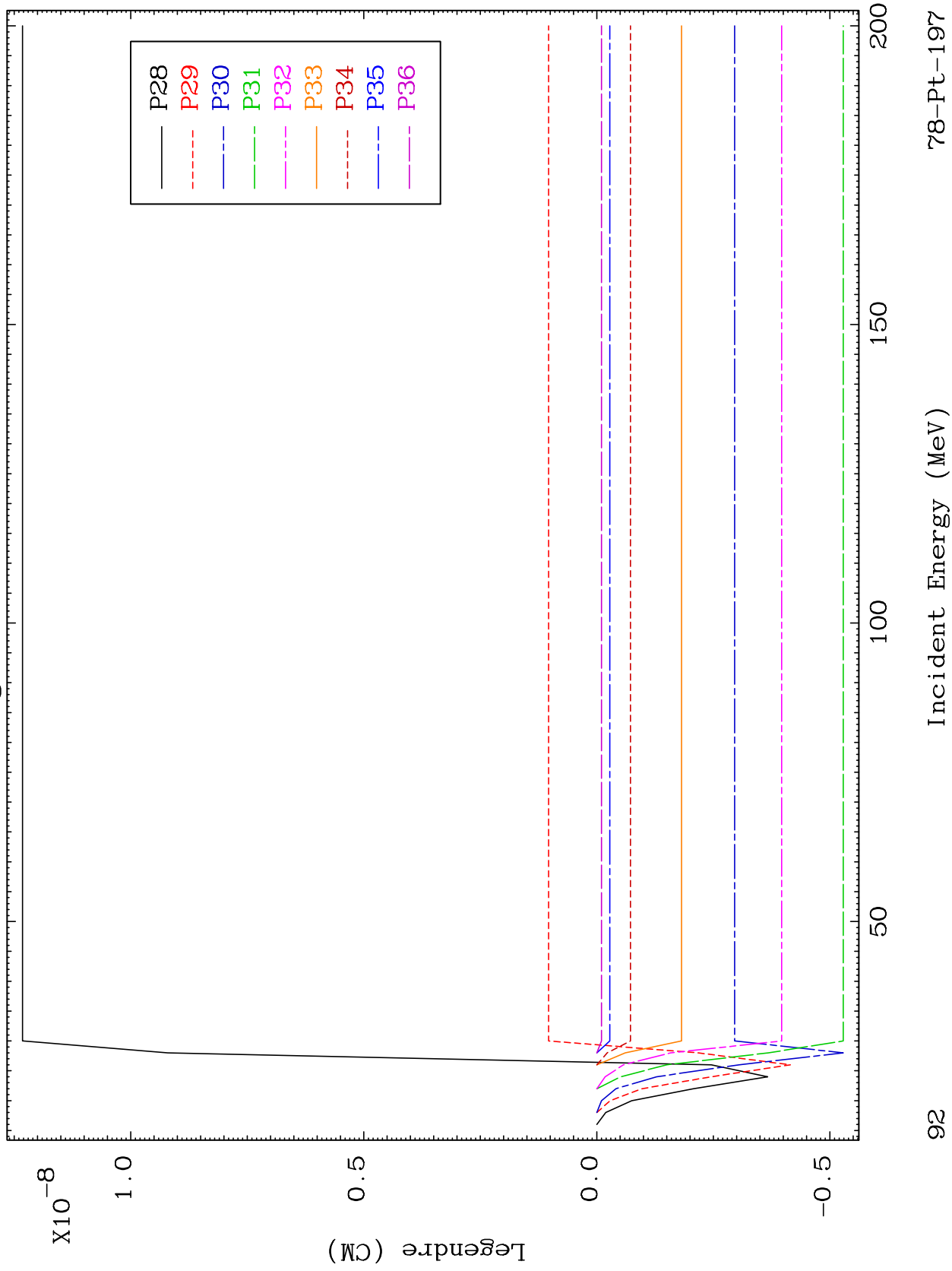
78-Pt-197



MAT 7846

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

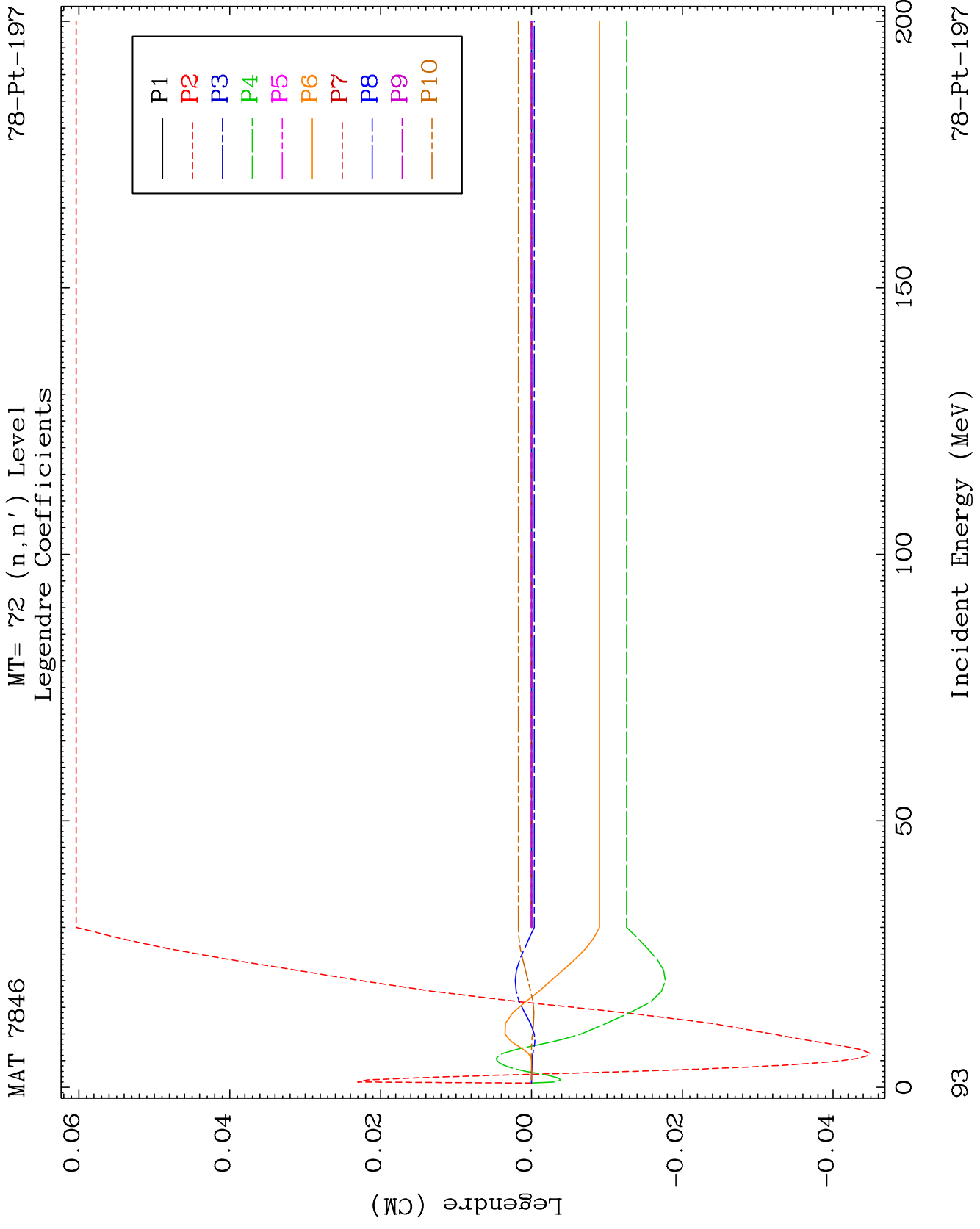
78-Pt-197



92

Incident Energy (MeV)

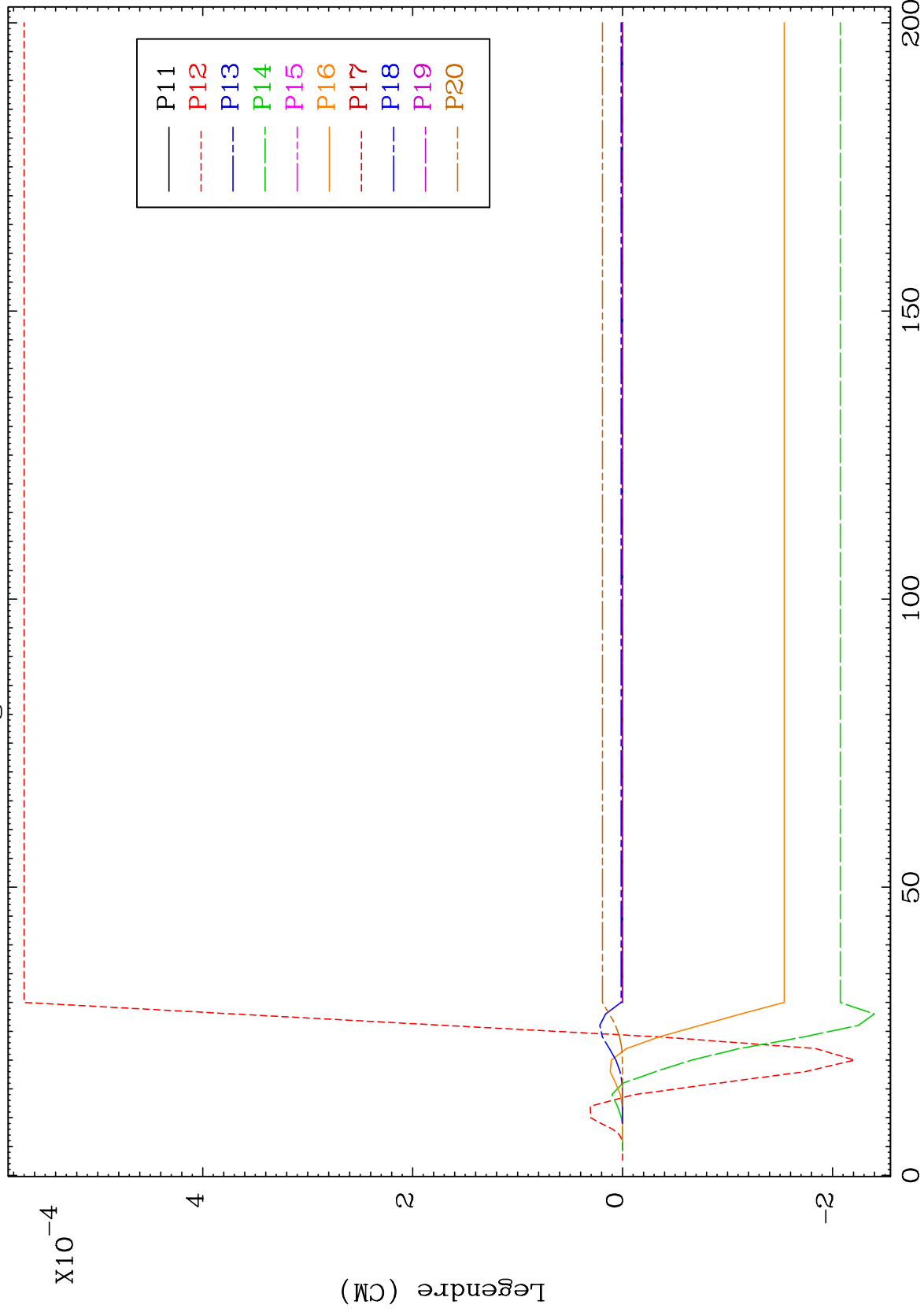
78-Pt-197



MAT 7846

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

78-Pt-197



94

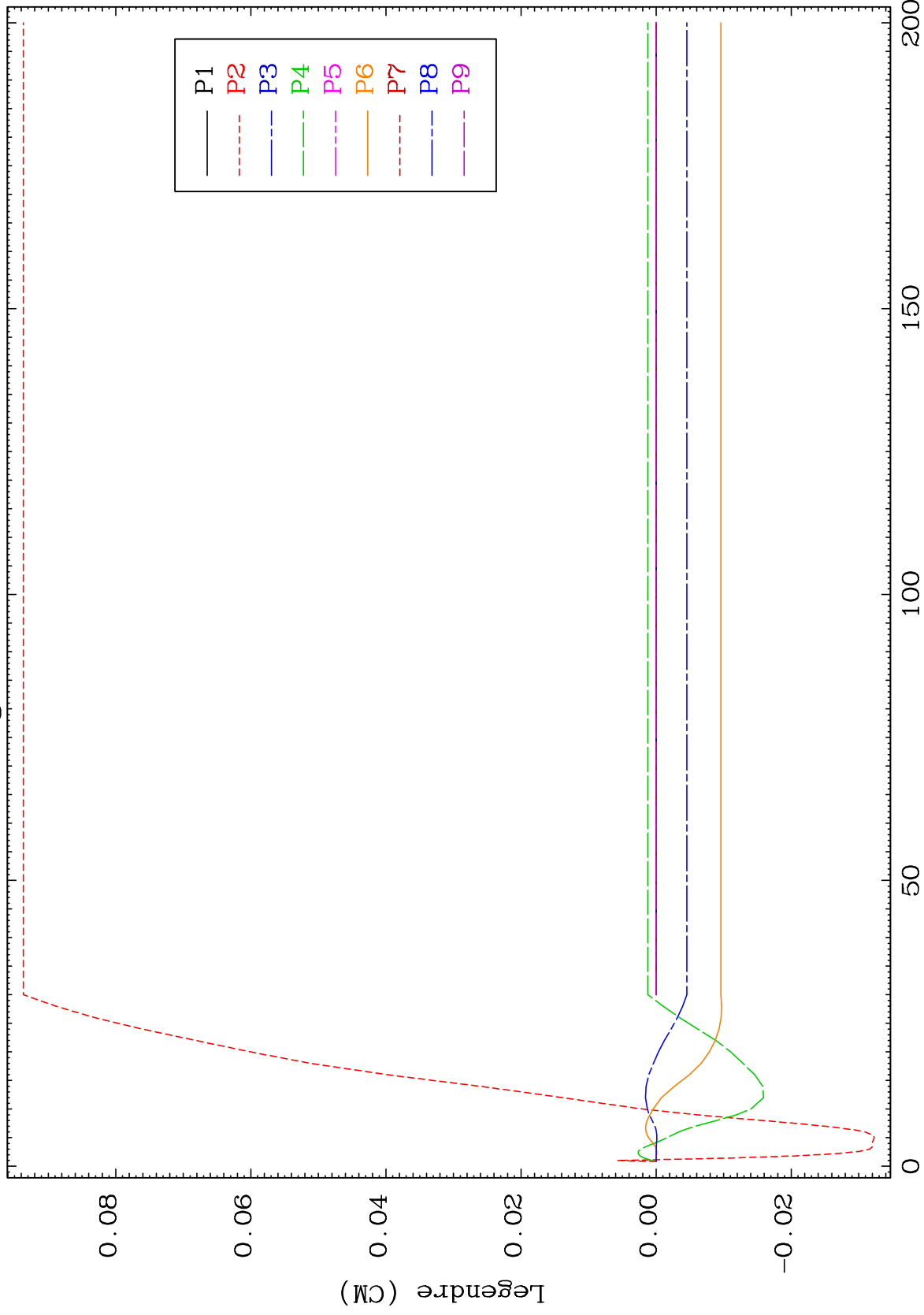
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



96

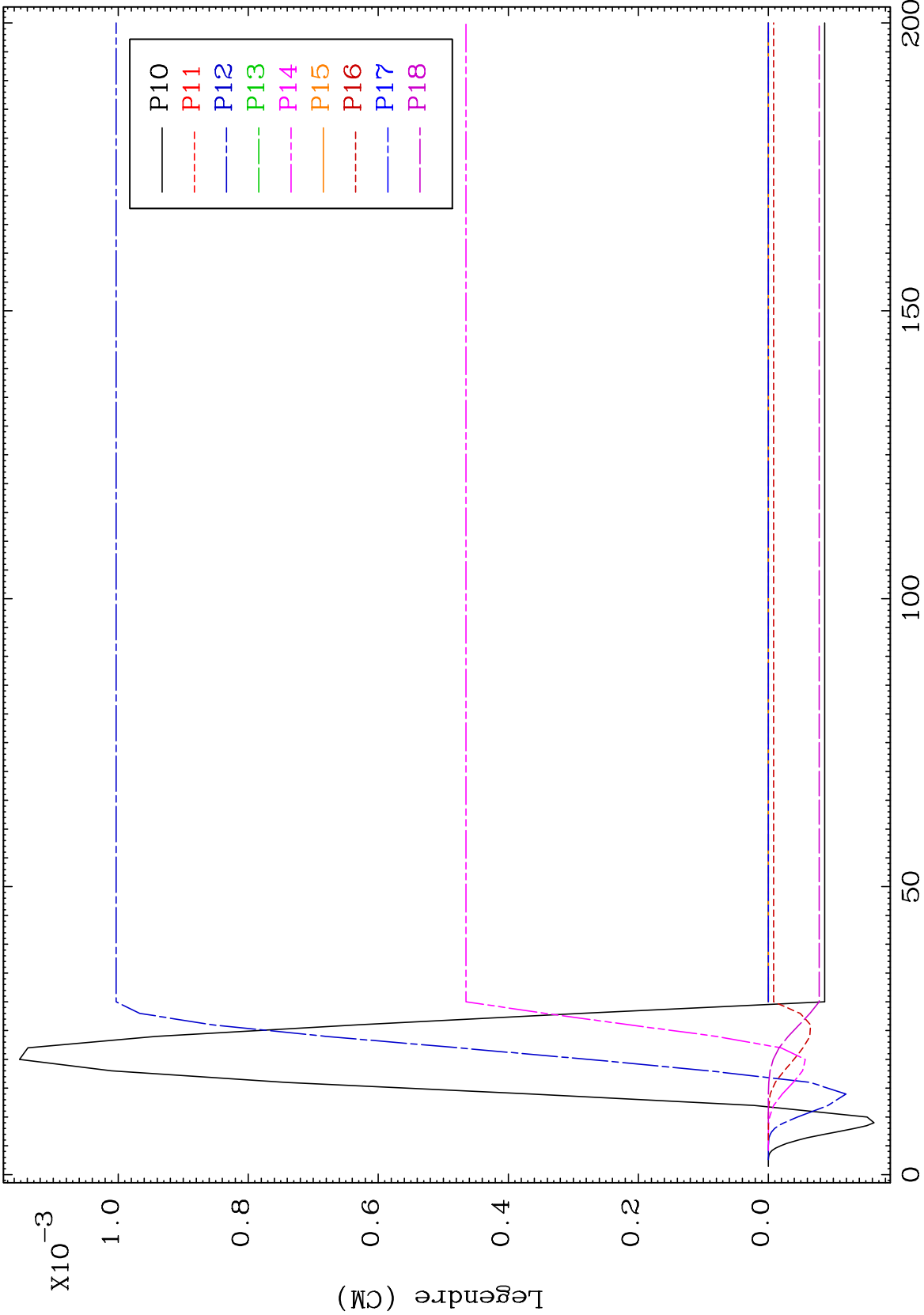
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

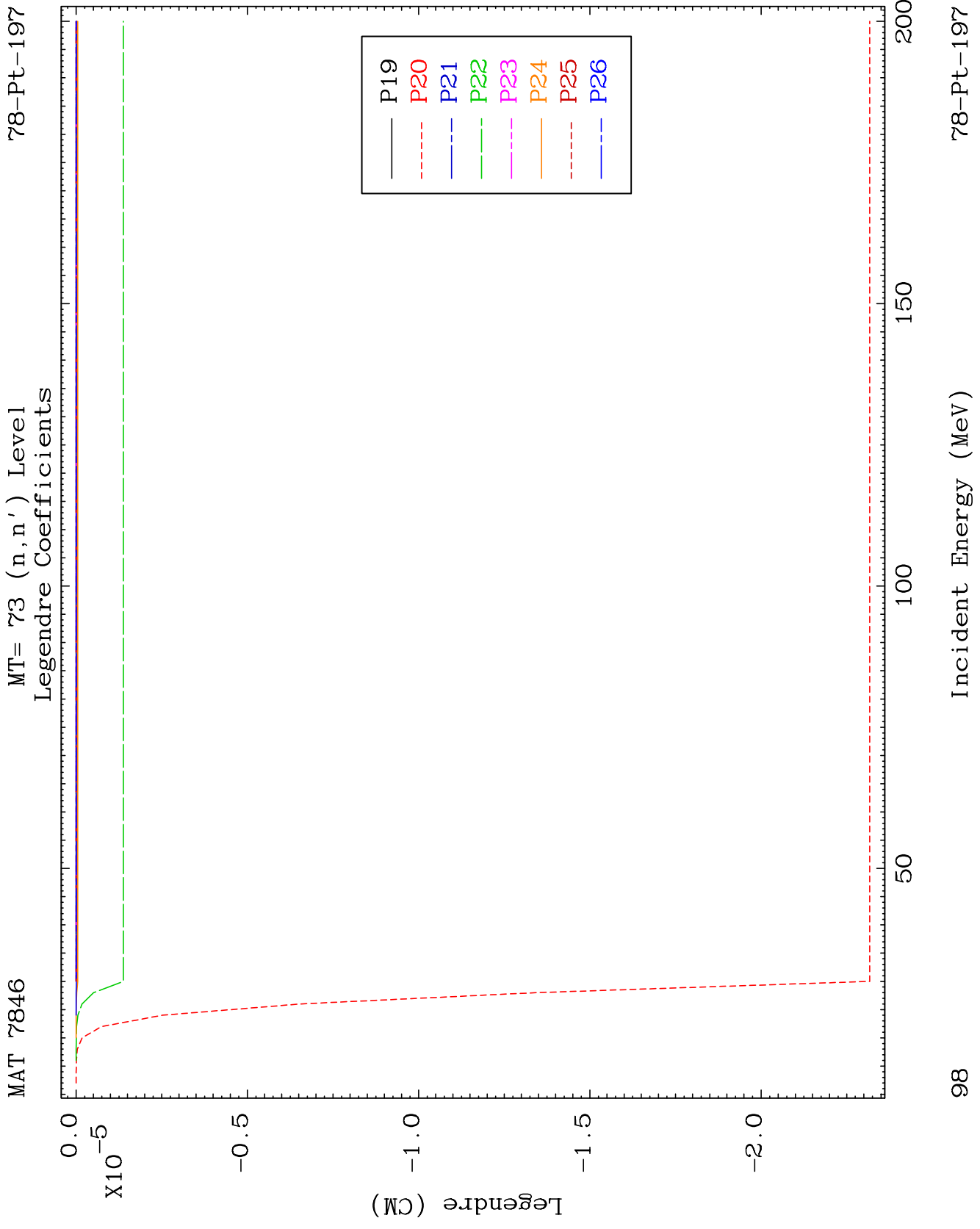
78-Pt-197

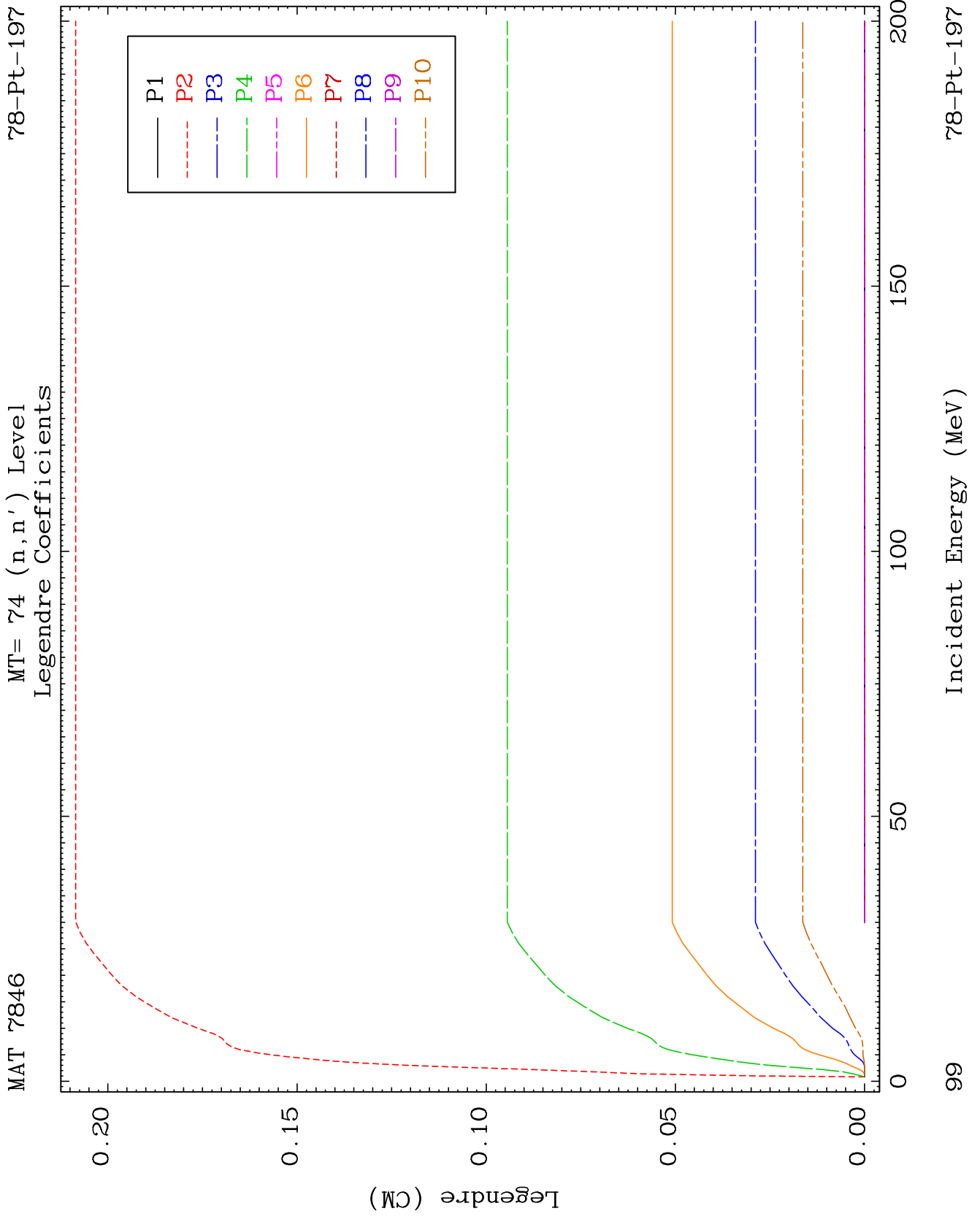


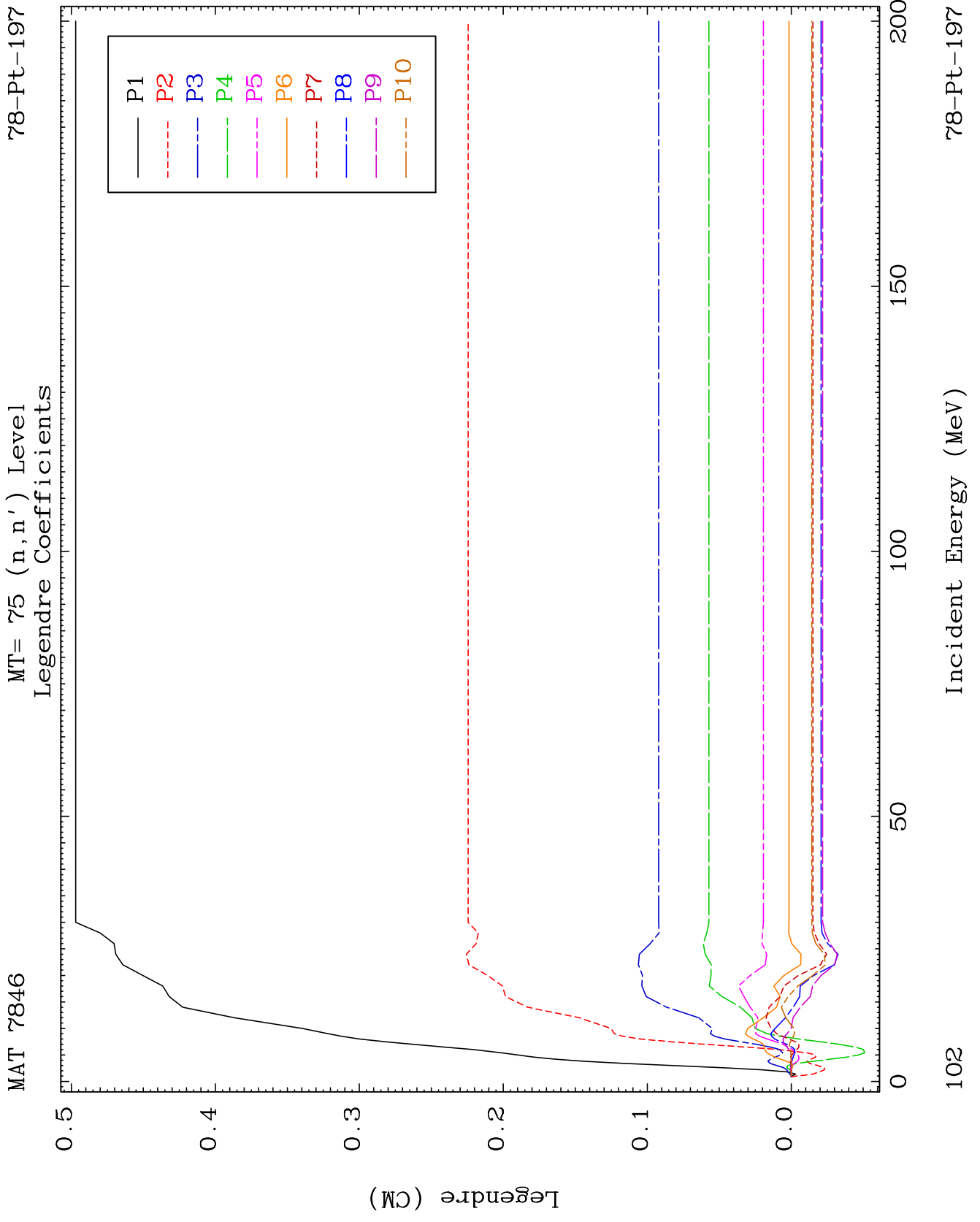
97

Incident Energy (MeV)

78-Pt-197







78-Pt-197

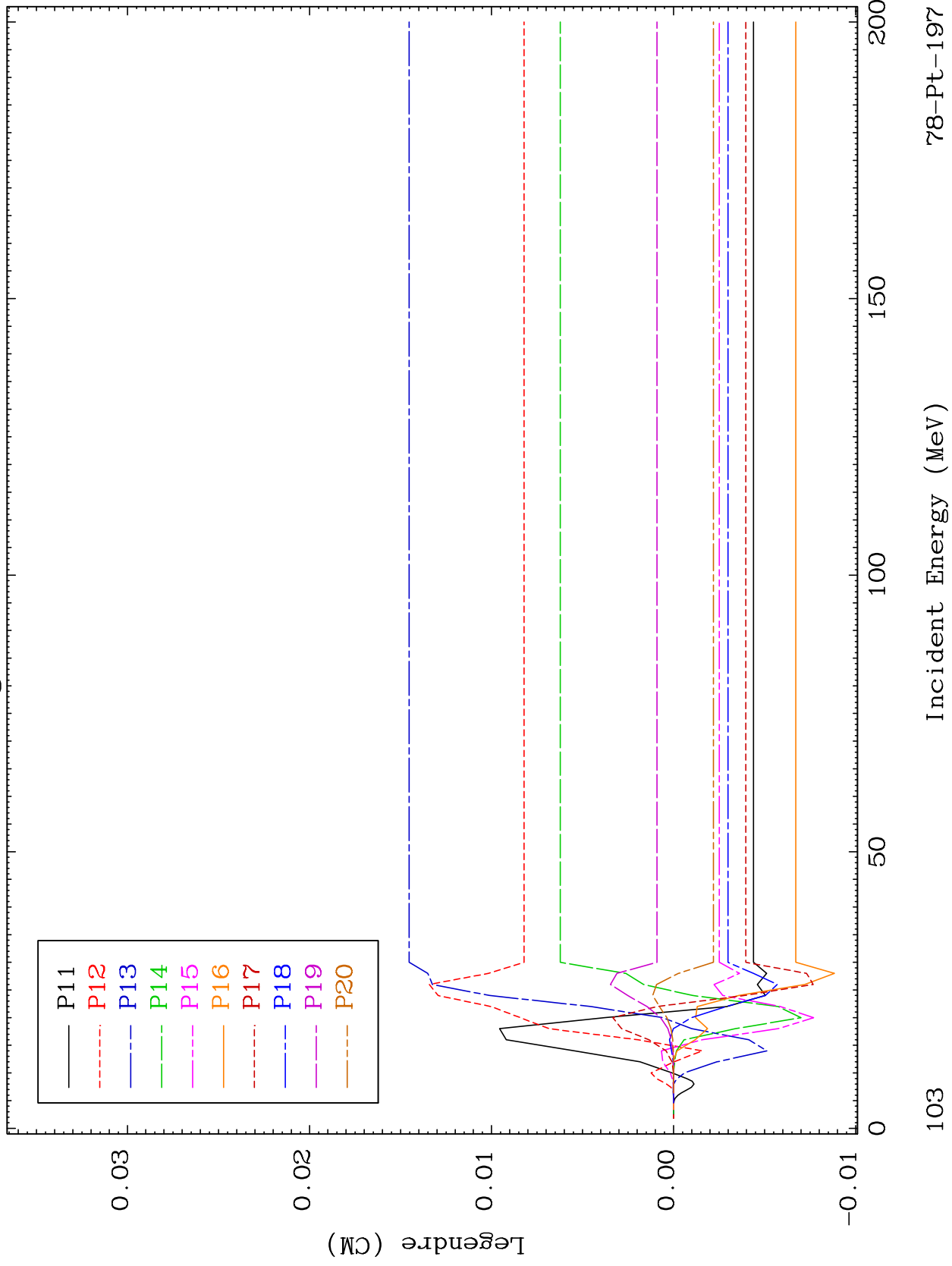
Incident Energy (MeV)

102

MAT 7846

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

78-Pt-197

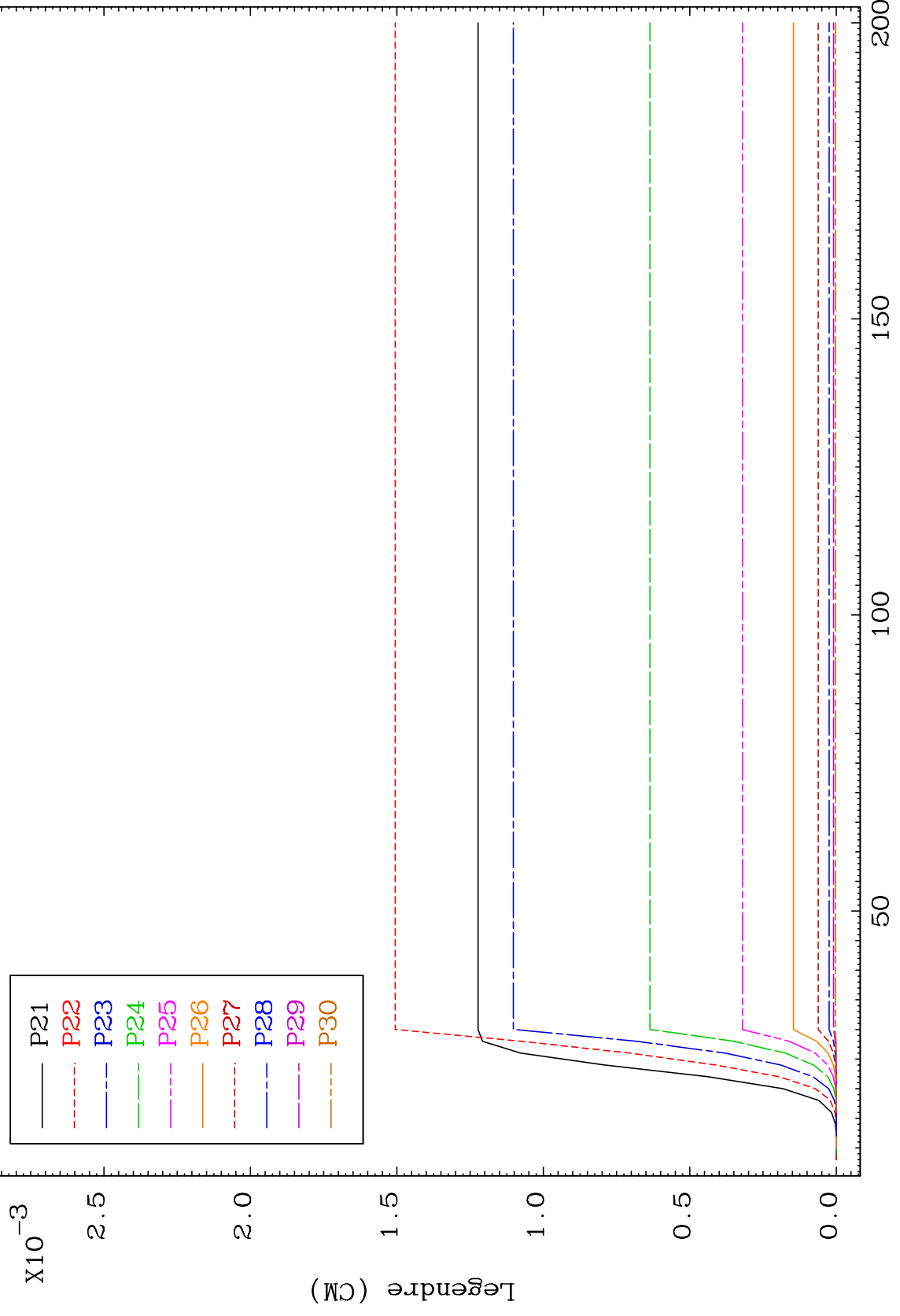
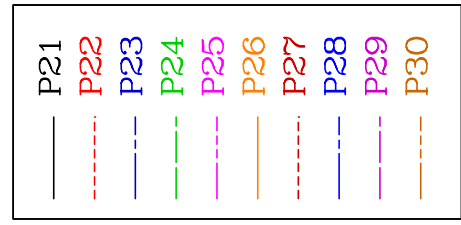


103

MAT 7846

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

78-Pt-197



104

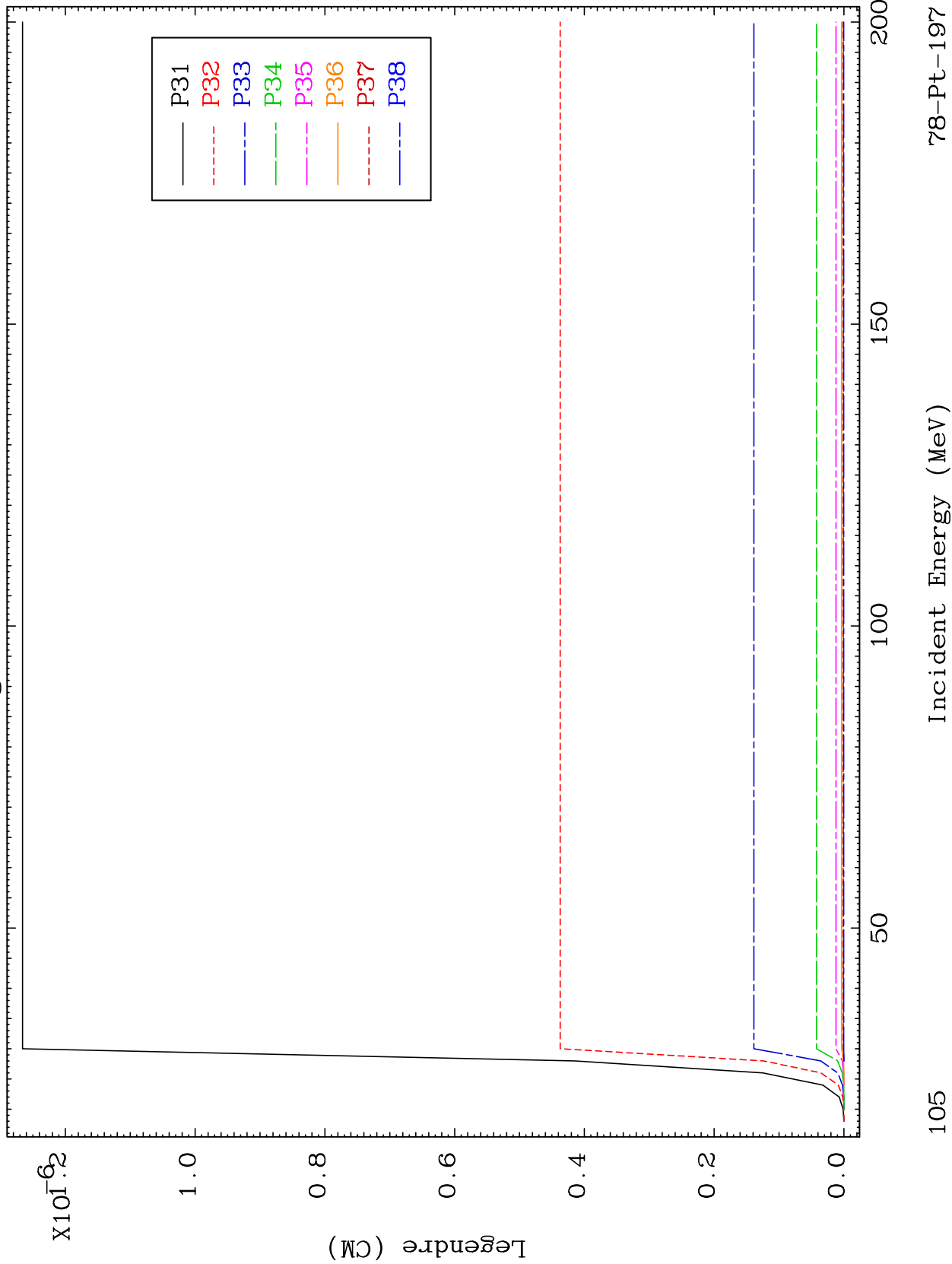
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

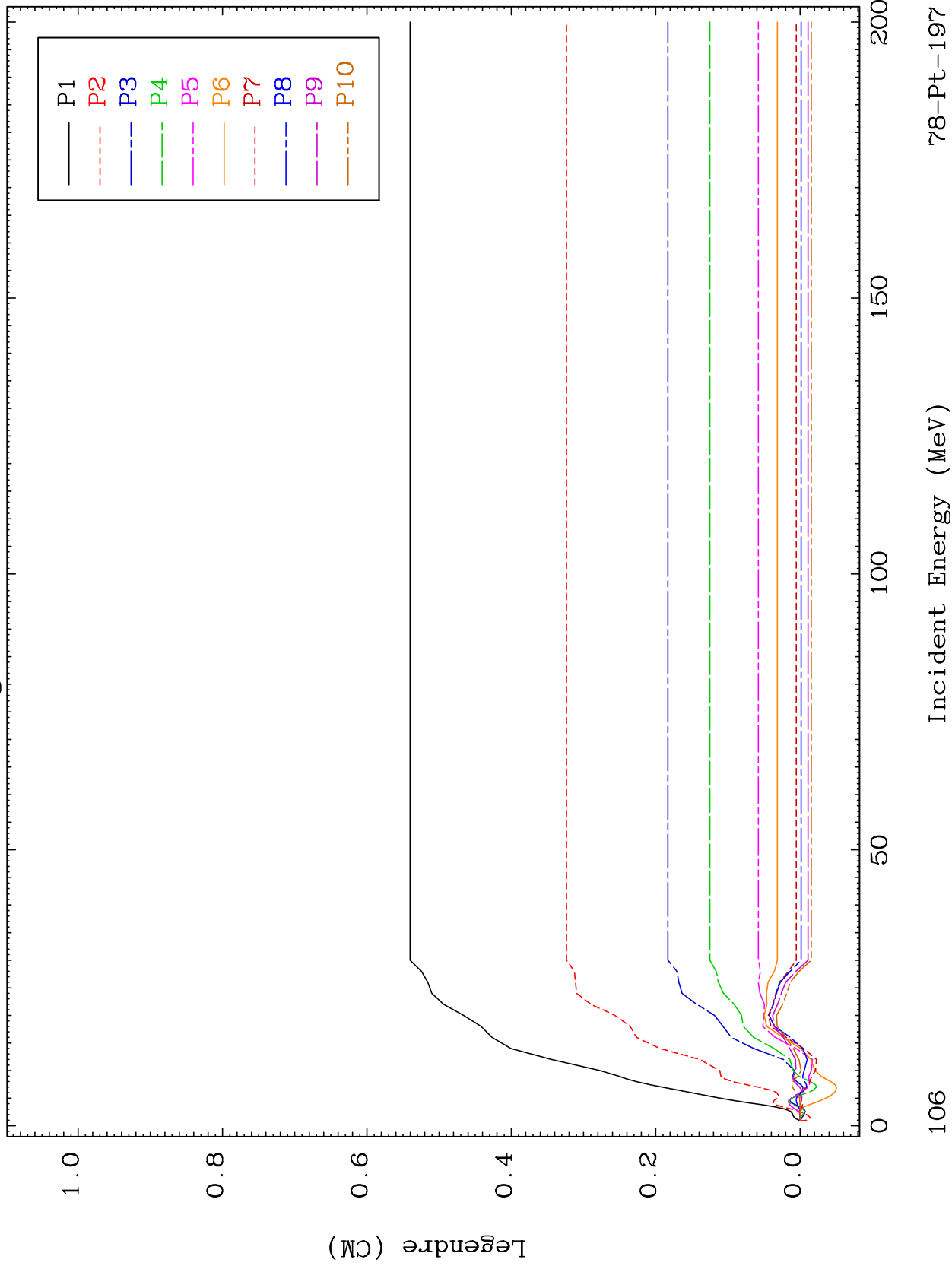
78-Pt-197



MAT 7846

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

78-Pt-197



106

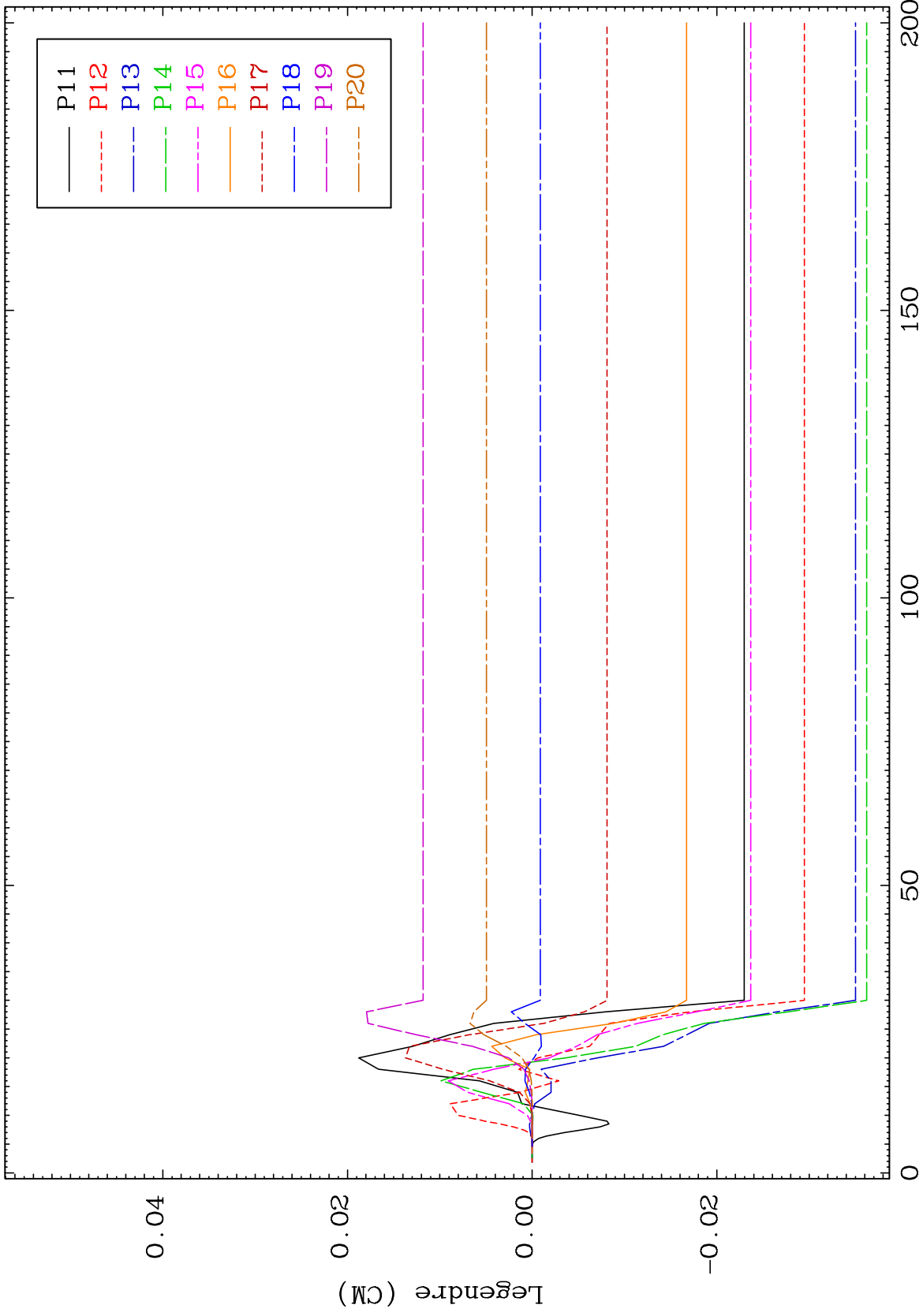
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



107

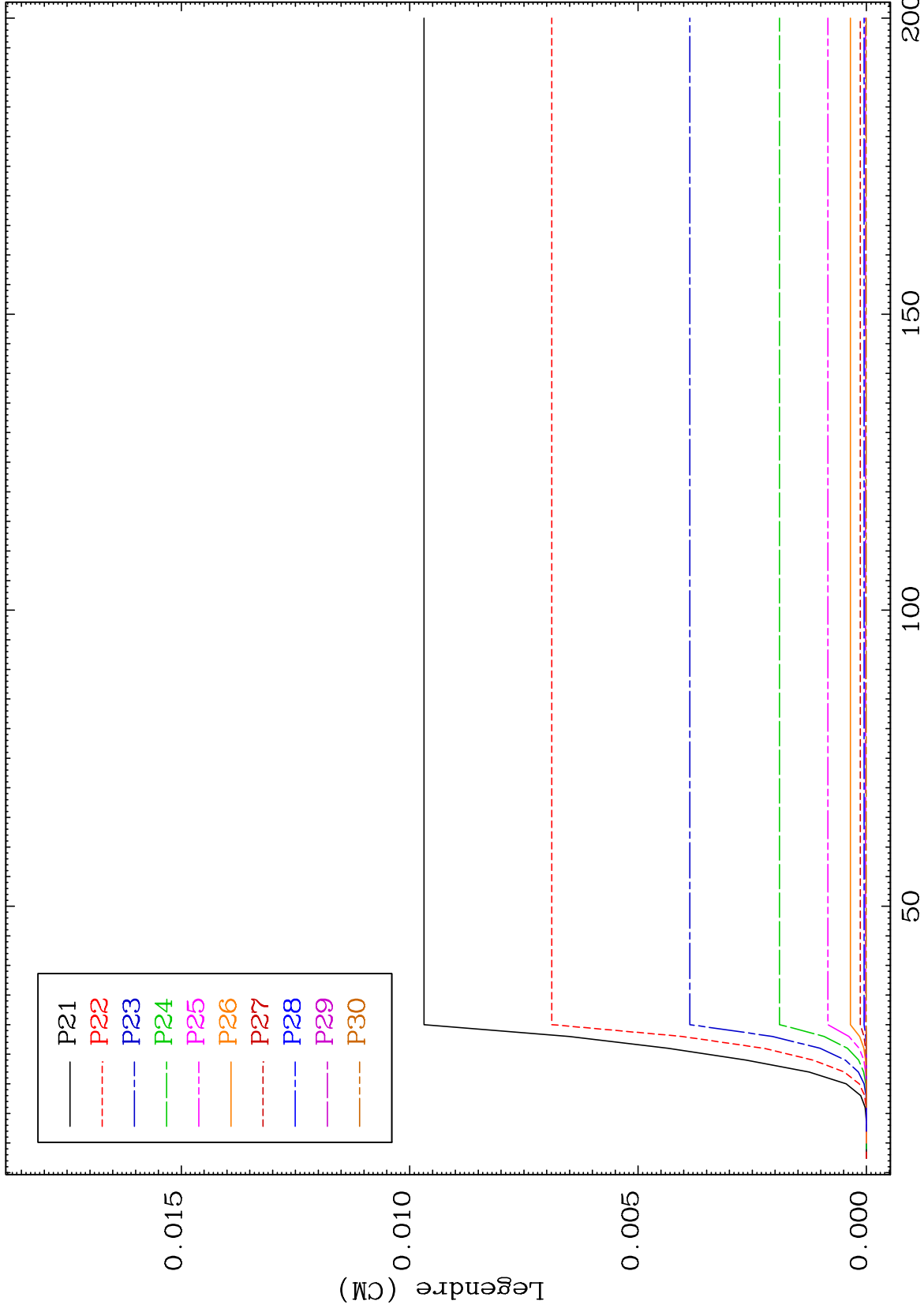
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



108

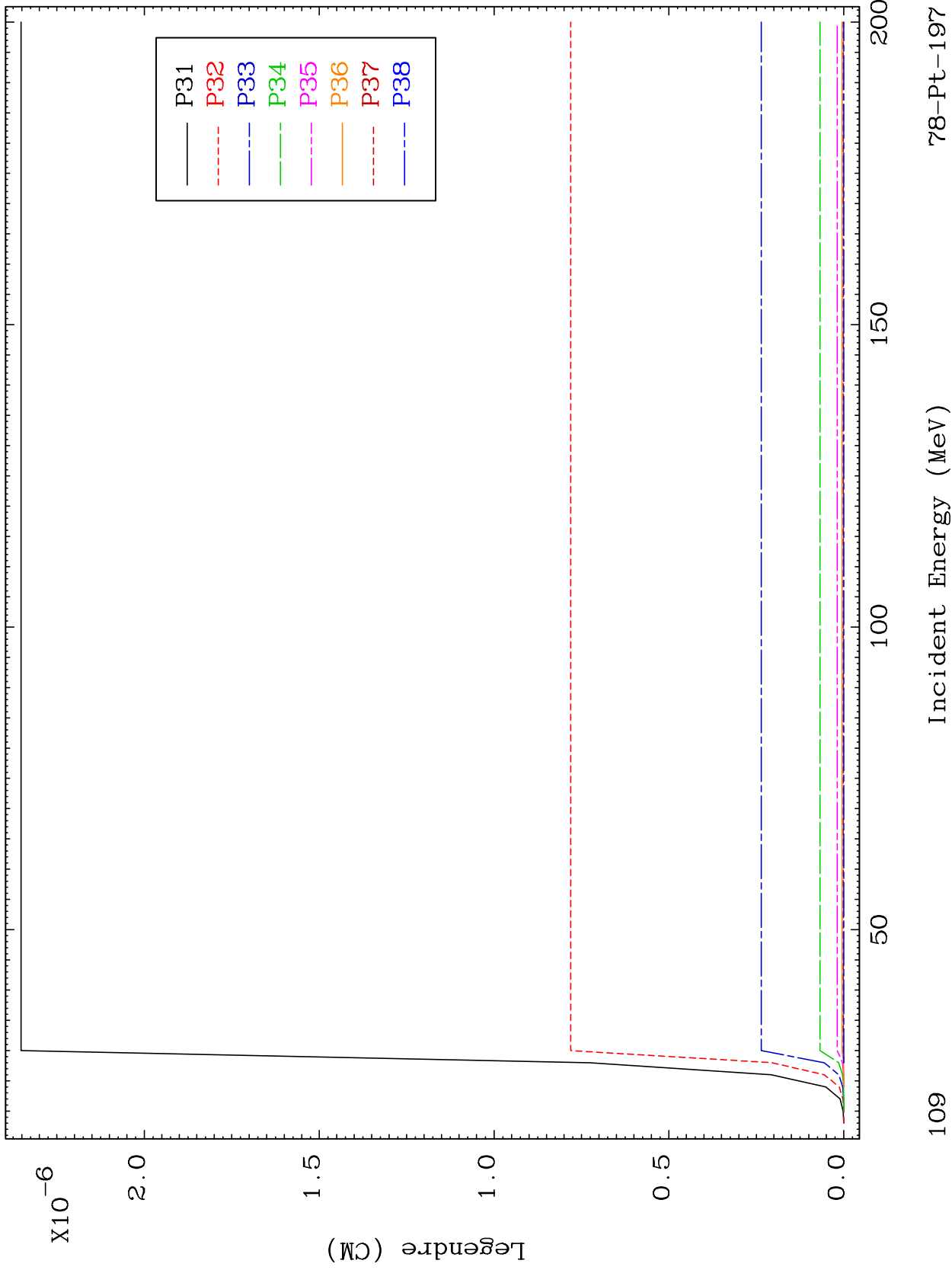
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

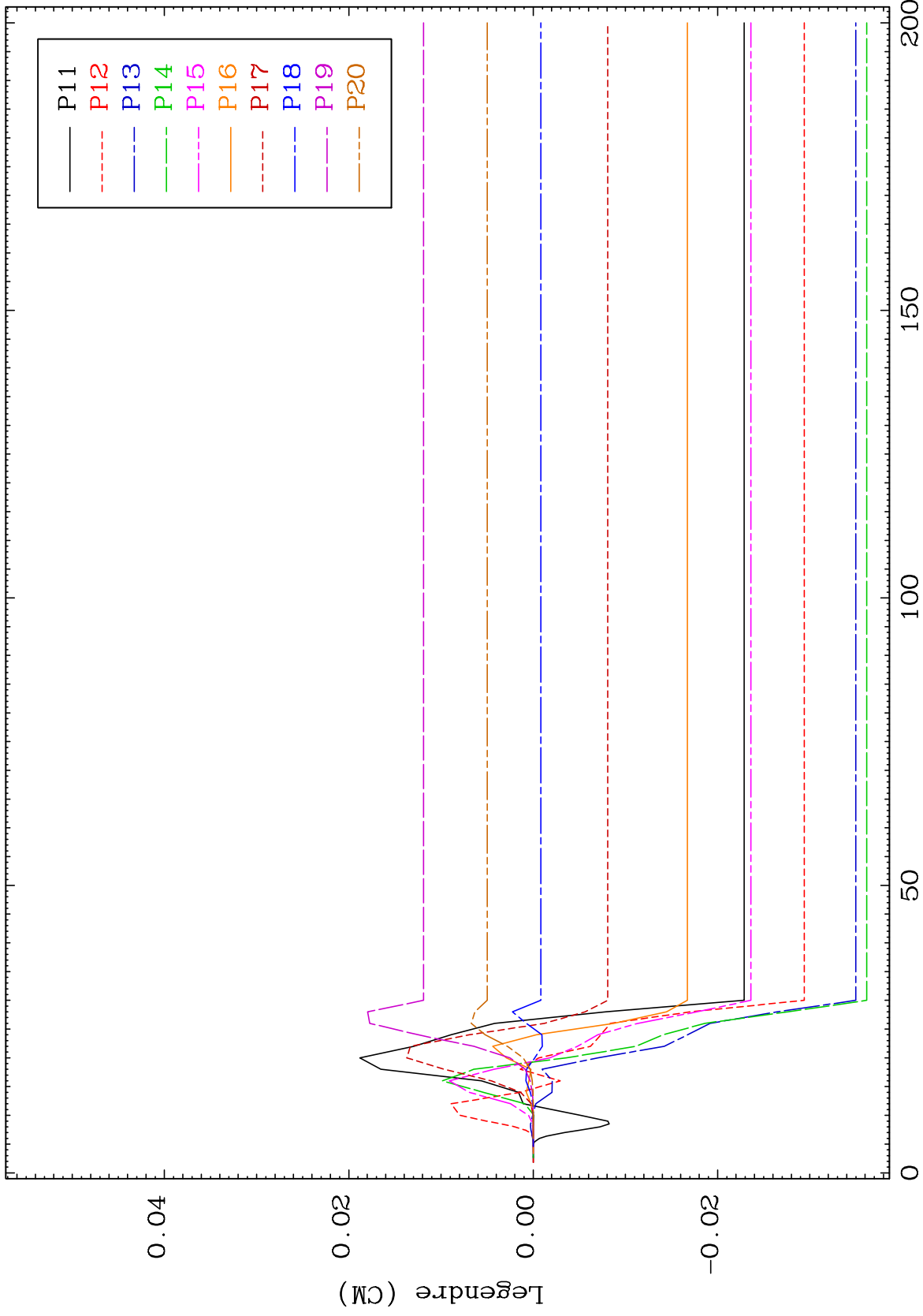
78-Pt-197



MAT 7846

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

78-Pt-197



111

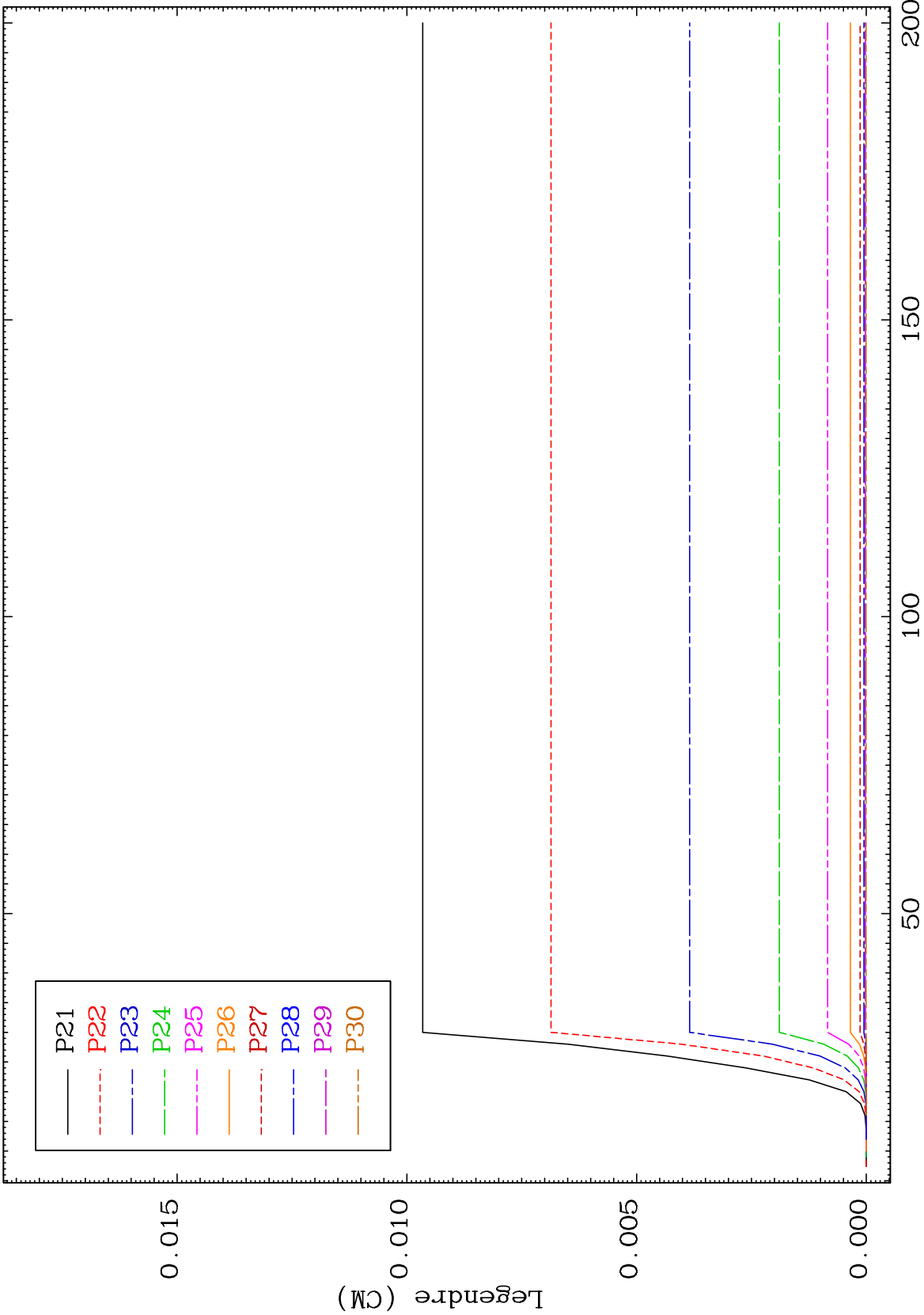
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



112

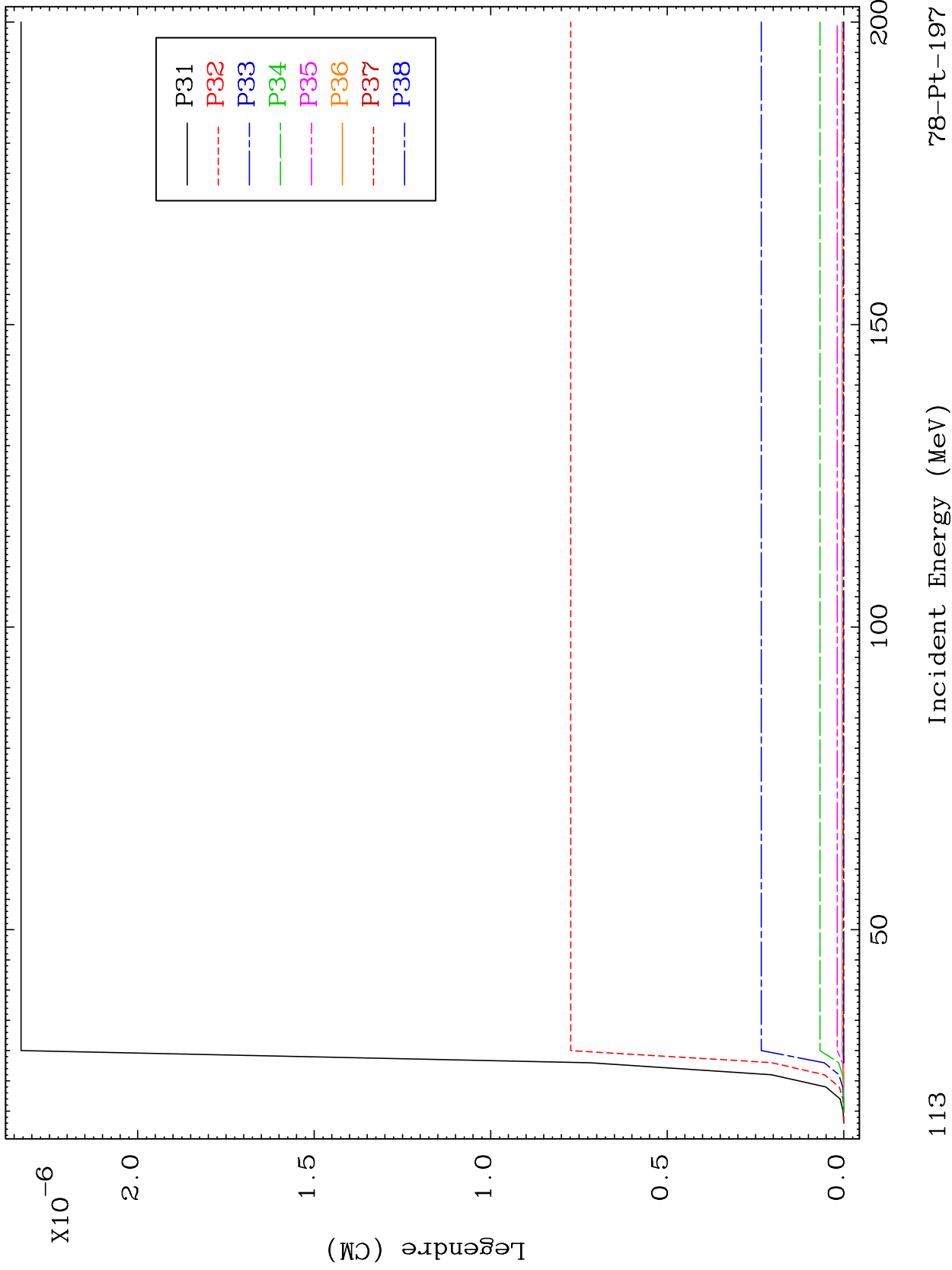
Incident Energy (MeV)

78-Pt-197

MAT 7846

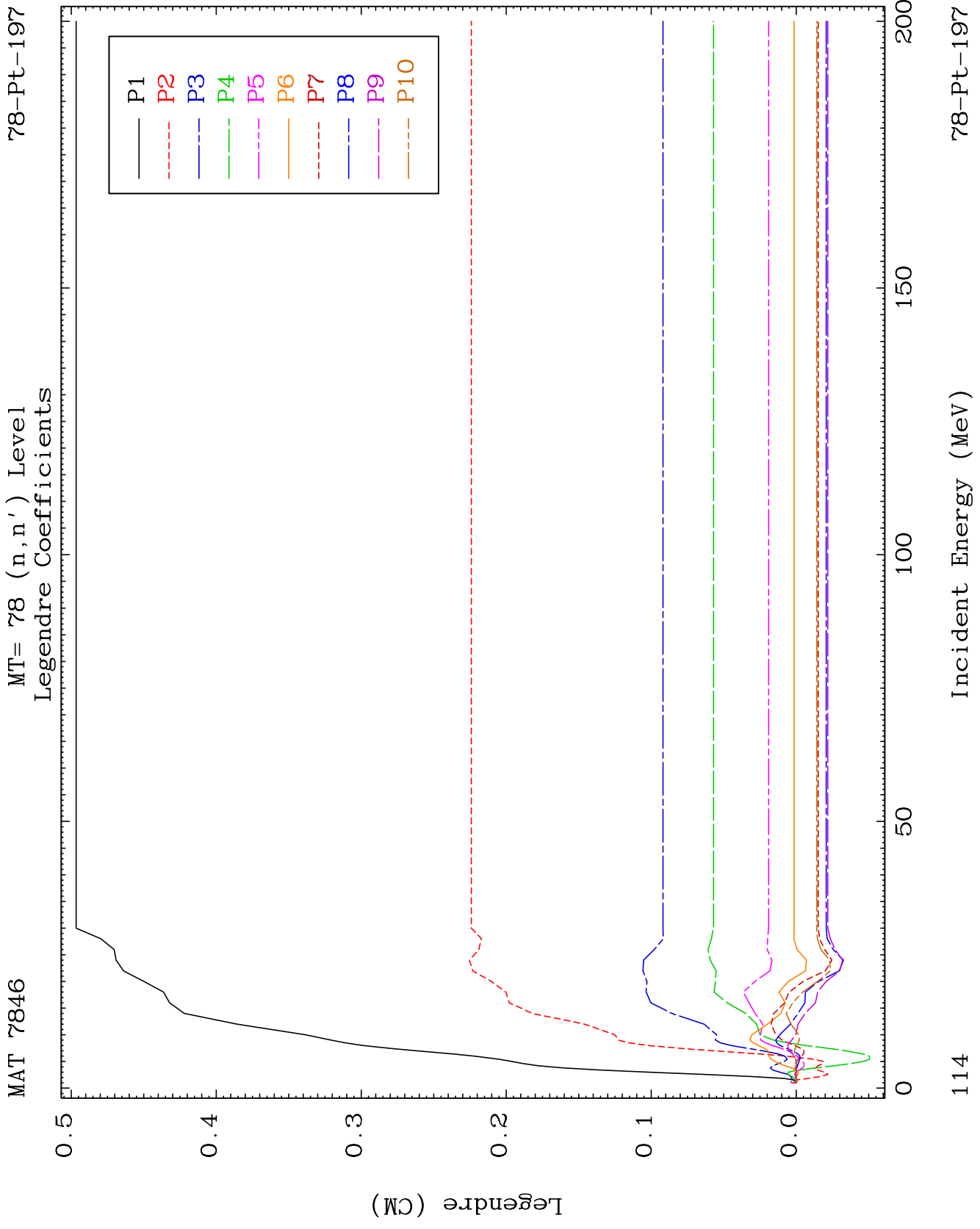
MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-197



113

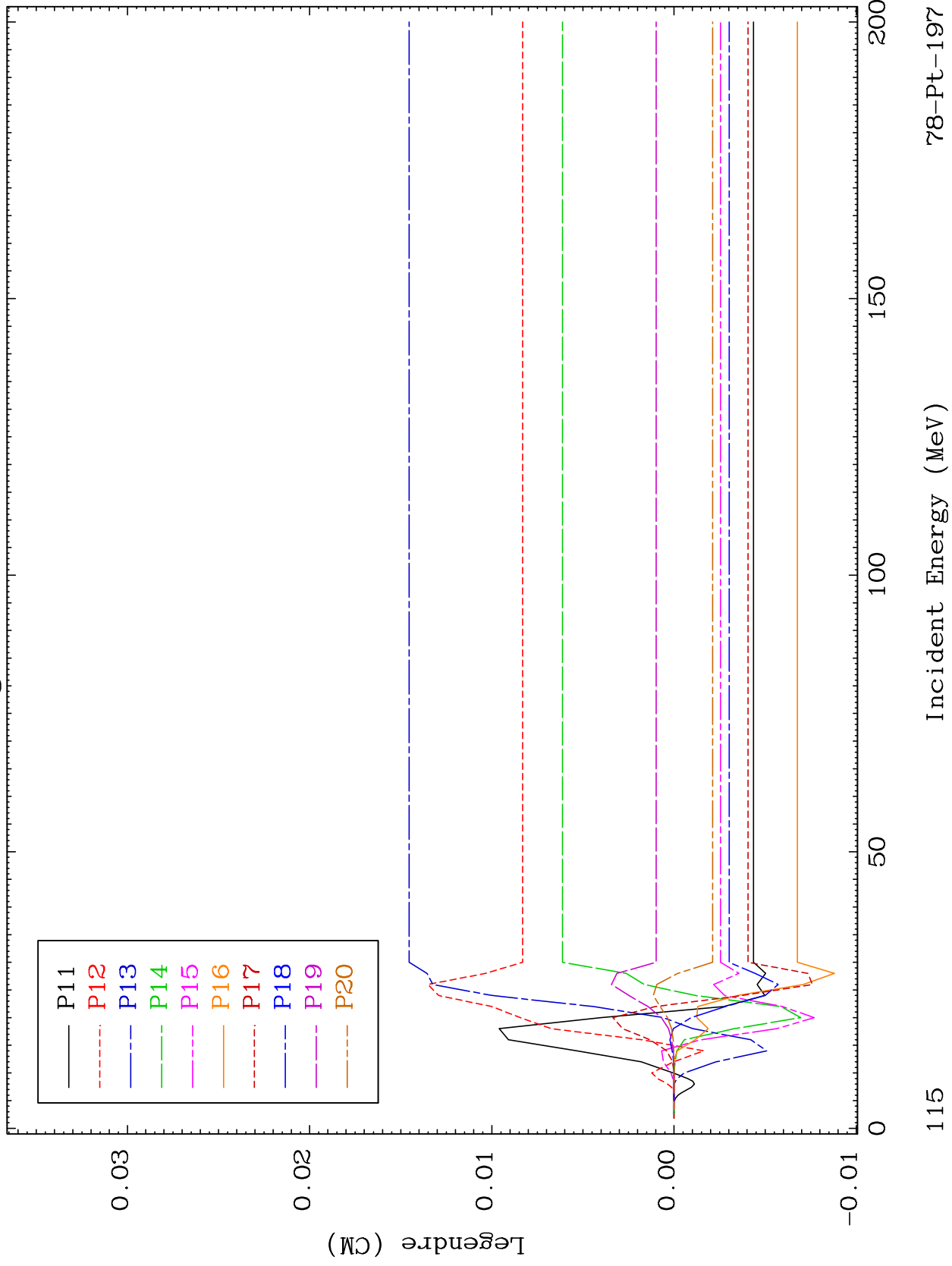
78-Pt-197



MAT 7846

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

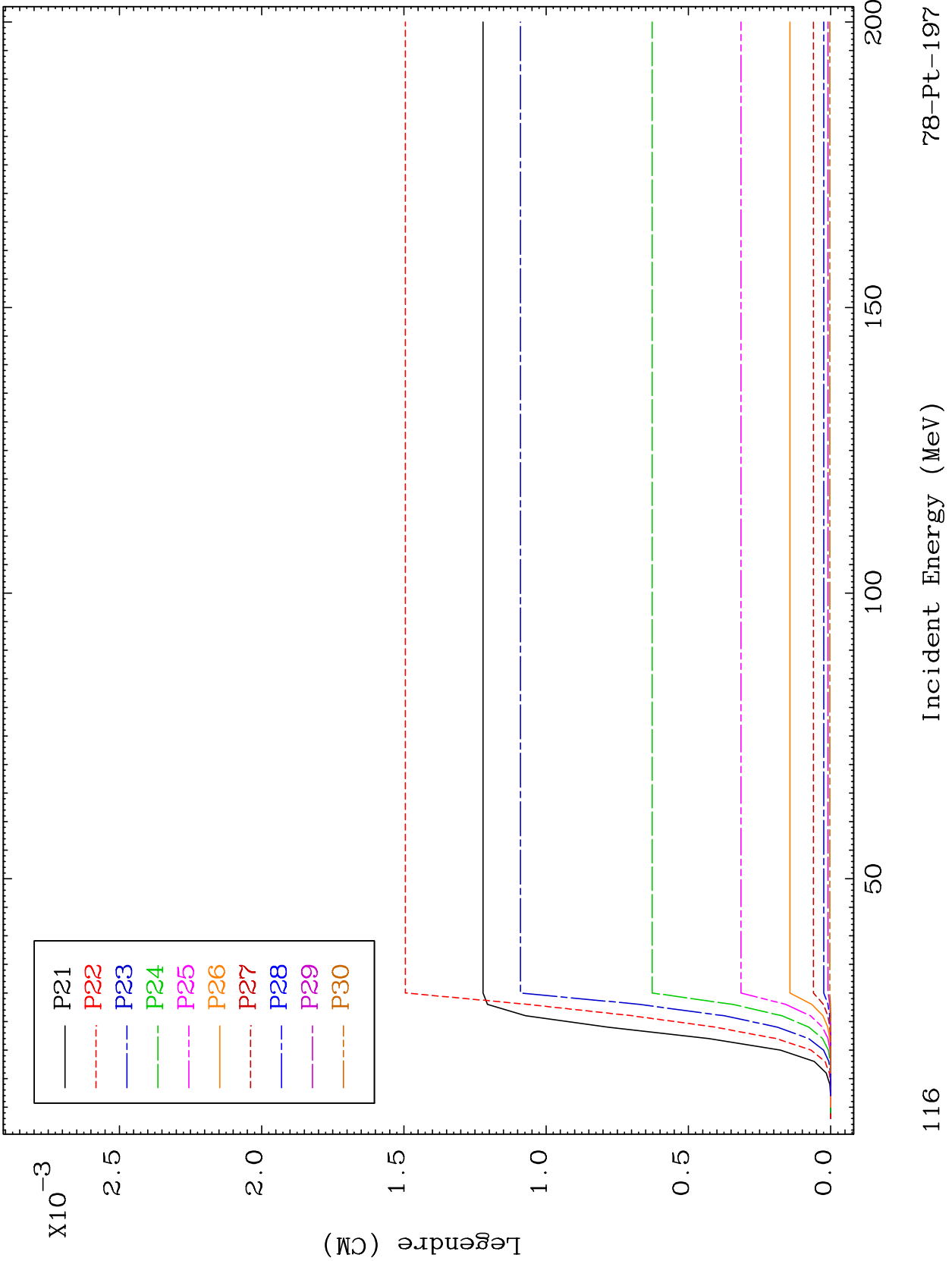
78-Pt-197



78-Pt-197

Incident Energy (MeV)

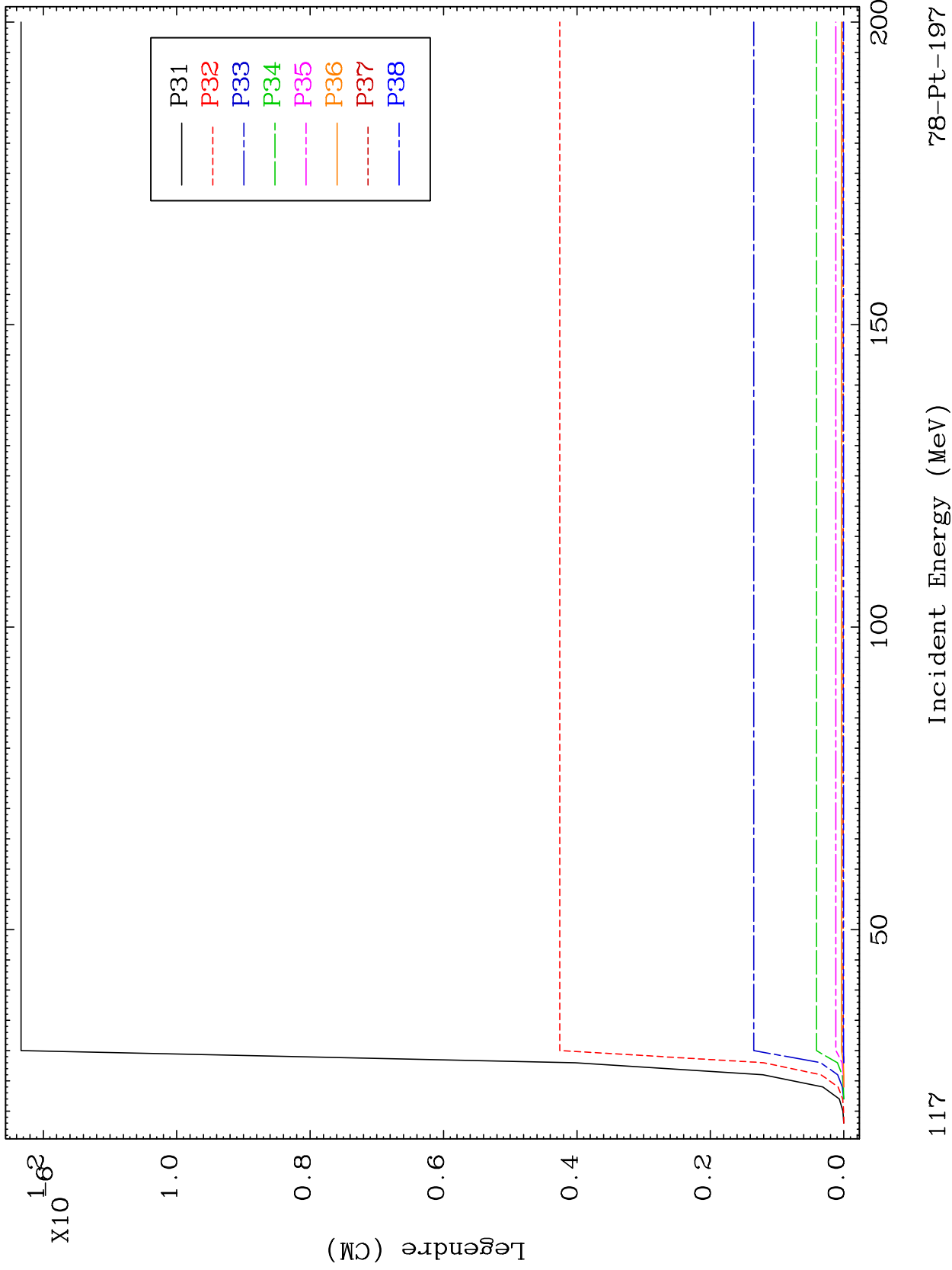
115



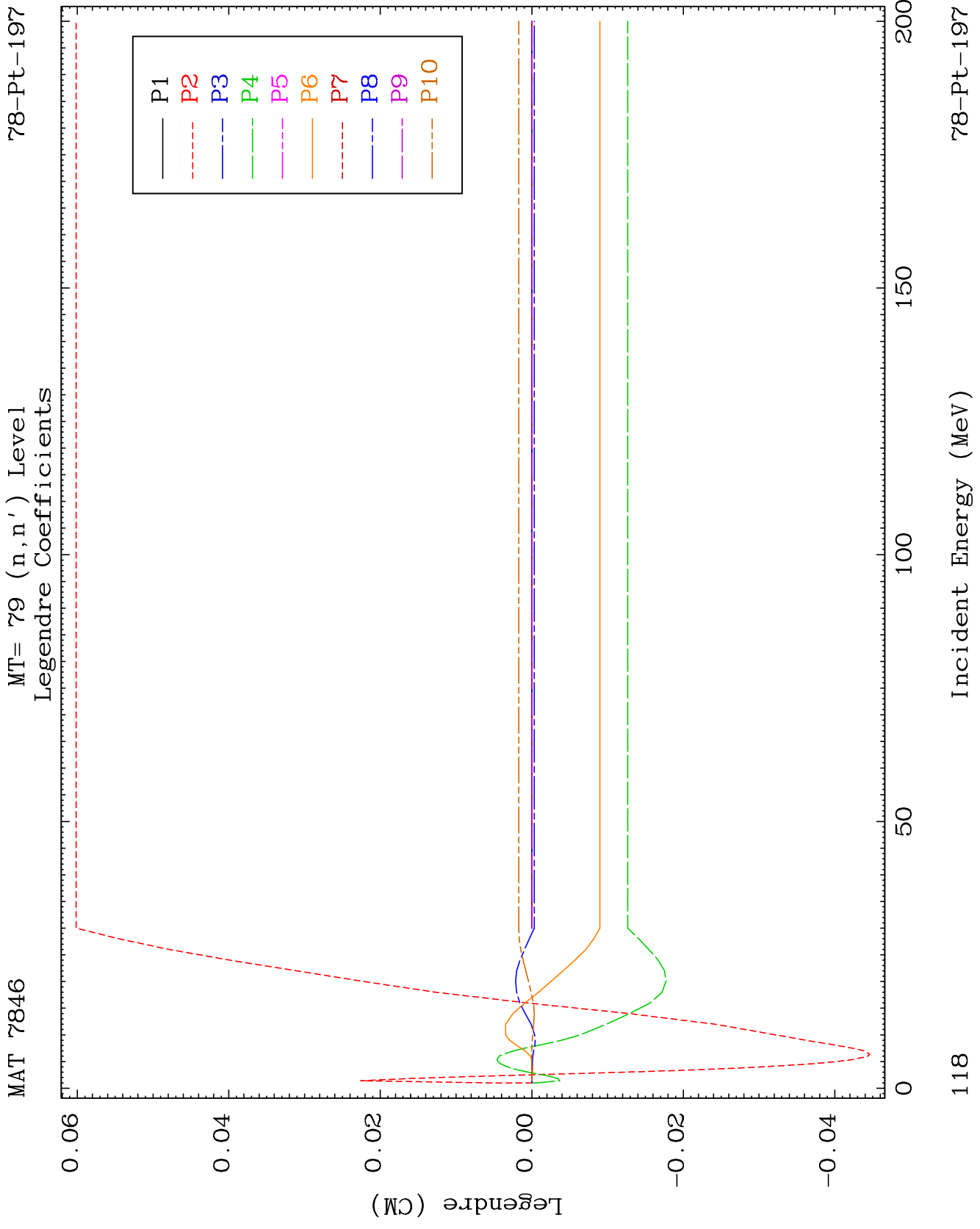
MAT 7846

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

78-Pt-197



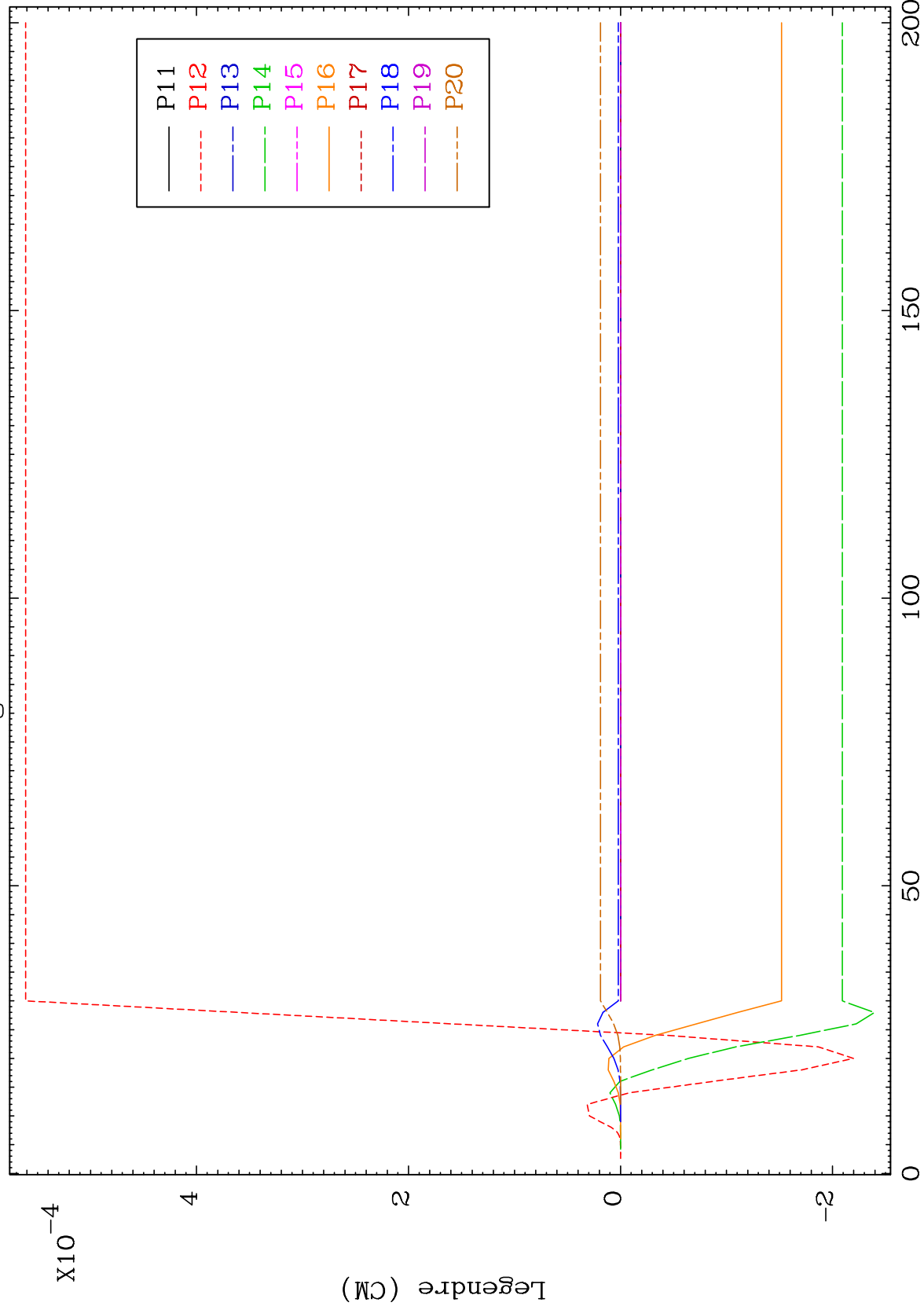
117



MAT 7846

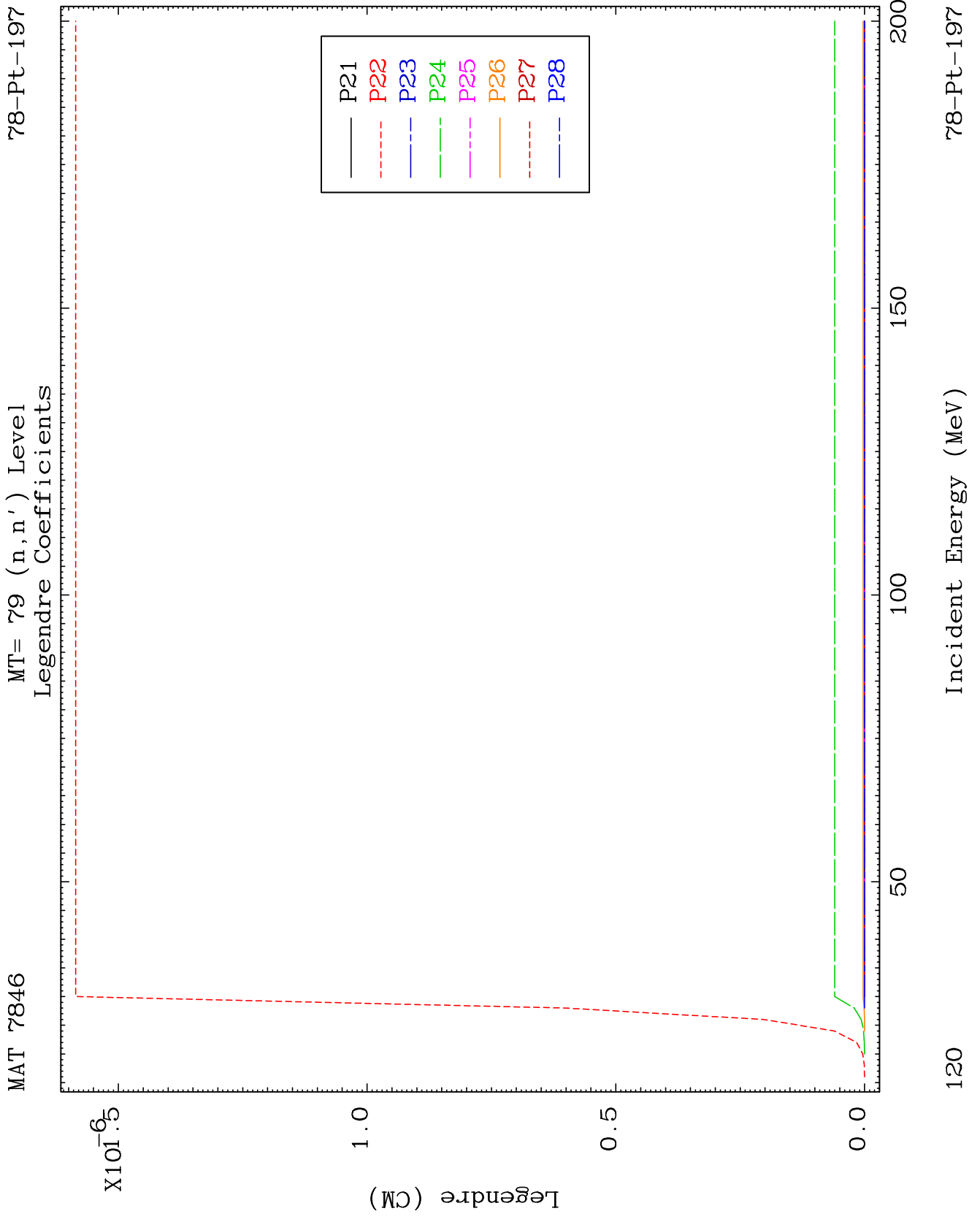
MT= 79 (n,n') Level
Legendre Coefficients

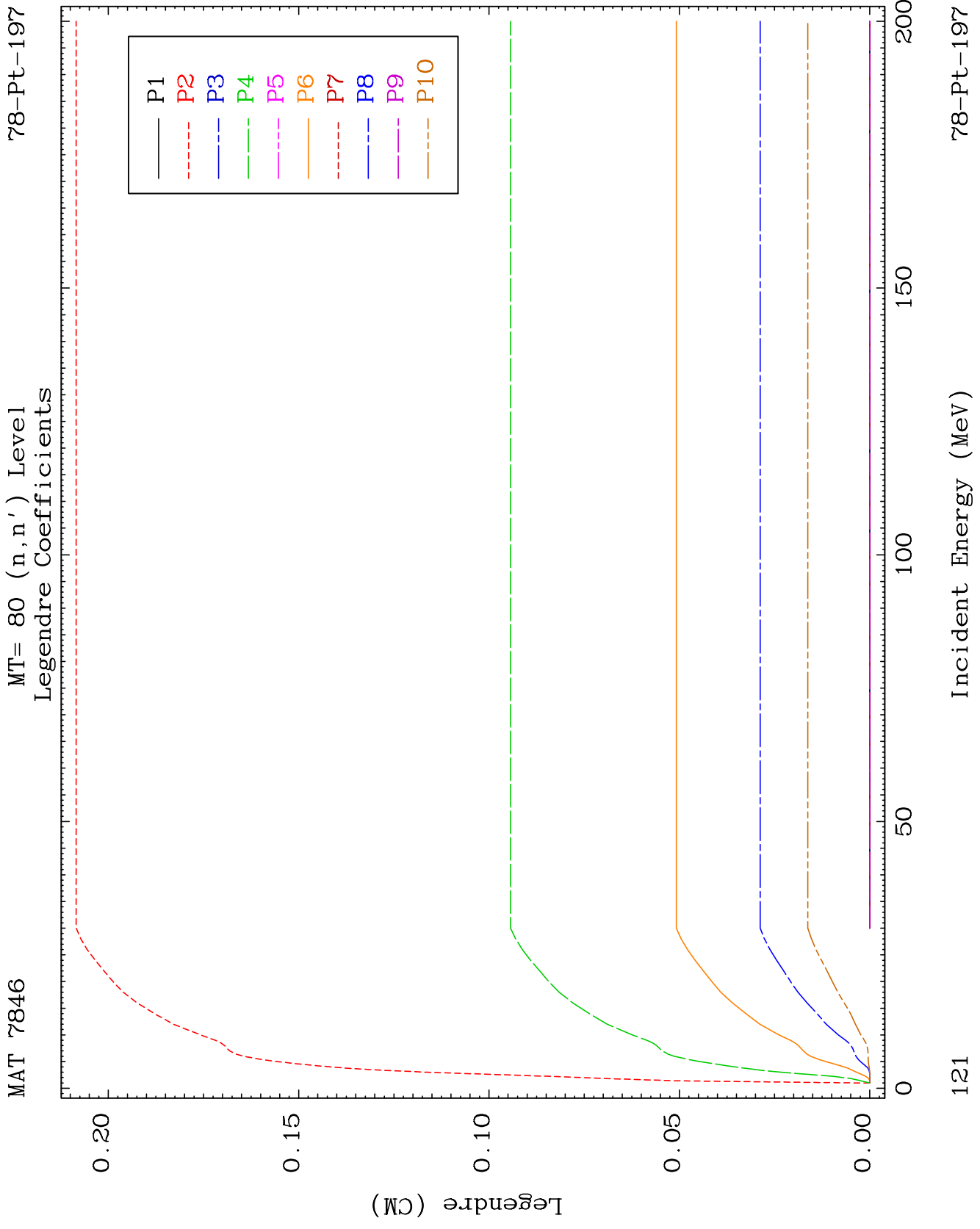
78-Pt-197

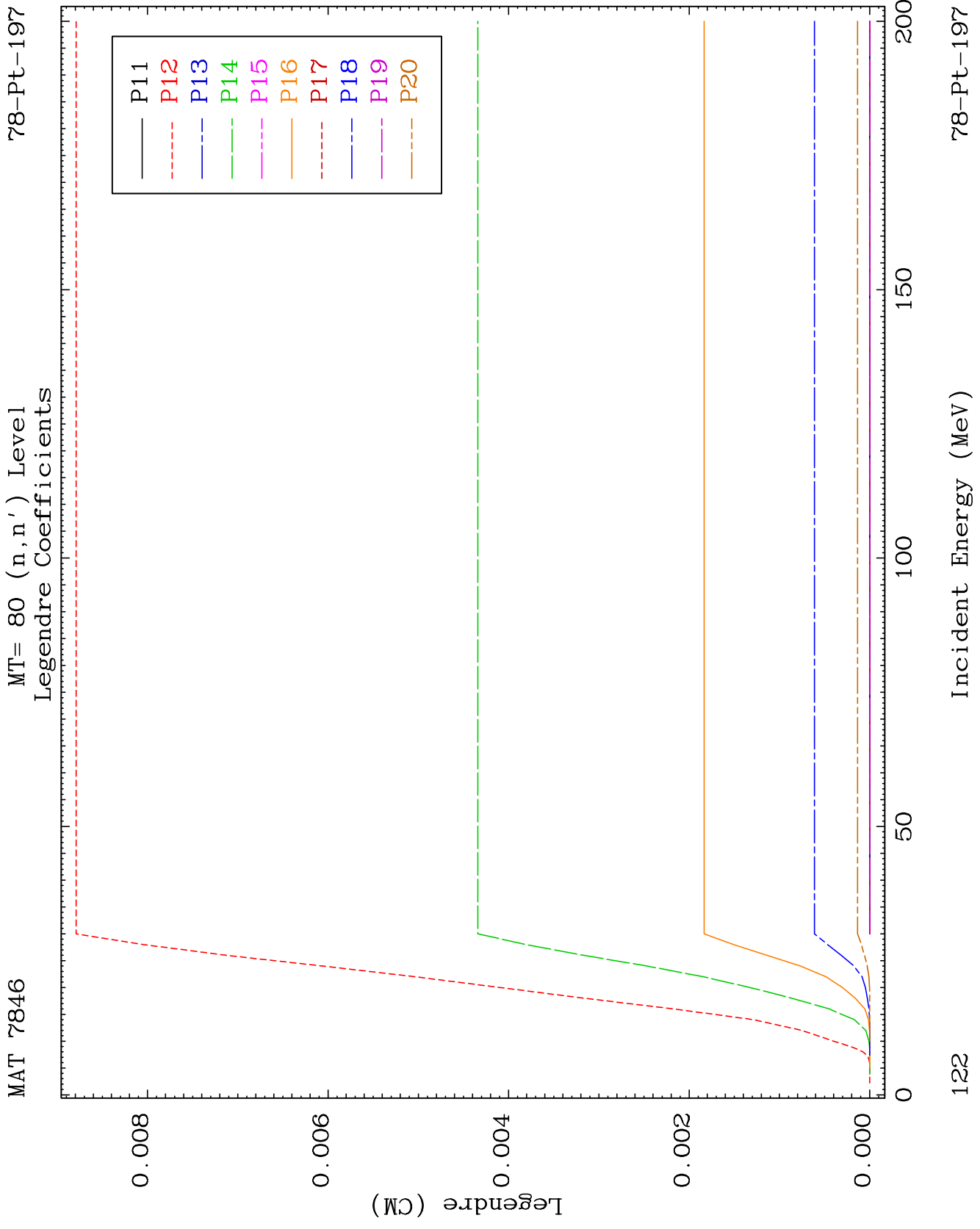


119

78-Pt-197



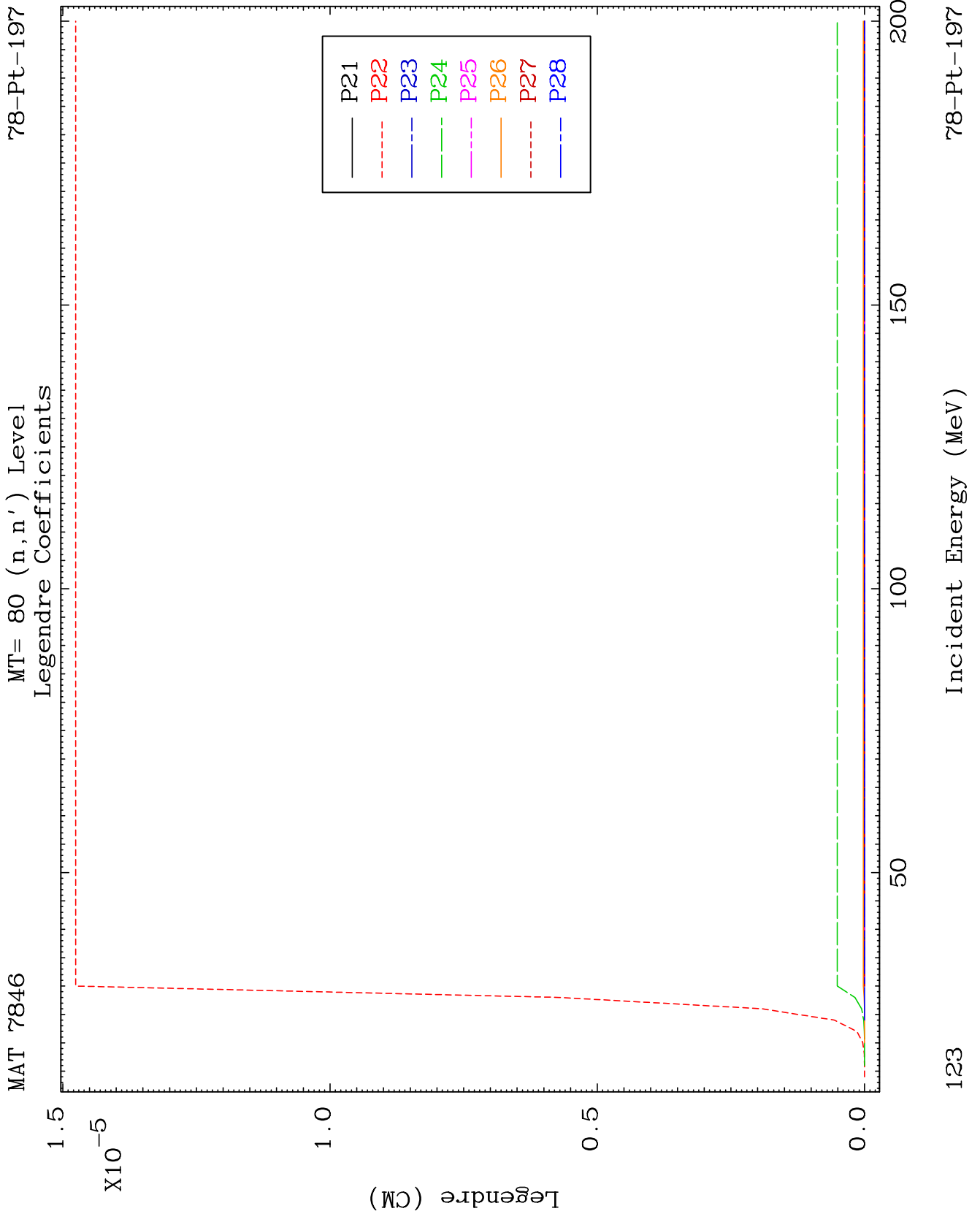




78-Pt-197

Incident Energy (MeV)

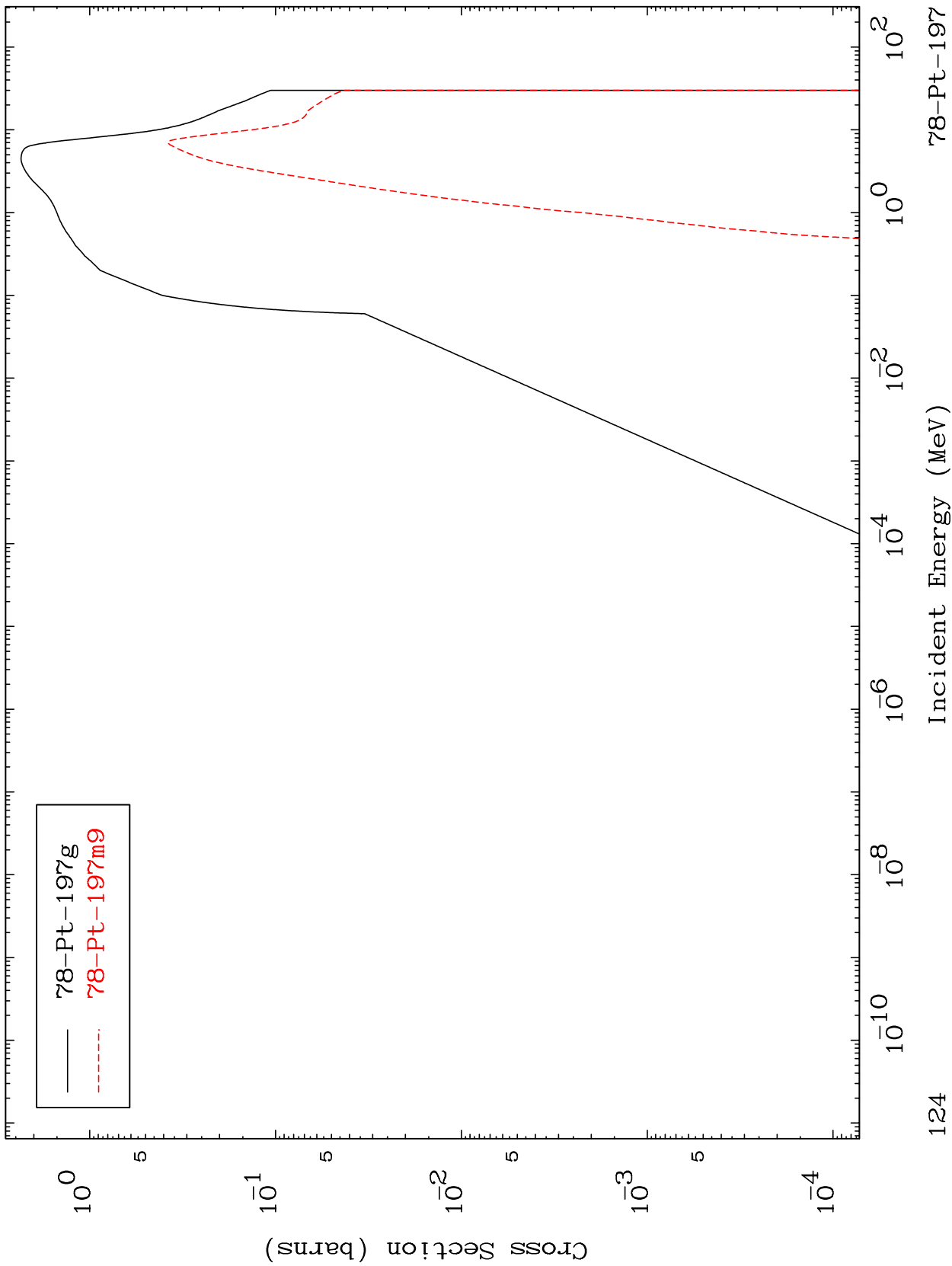
122



MAT 7846

Inelastic
Radionuclide Production Cross Section

78-Pt-197

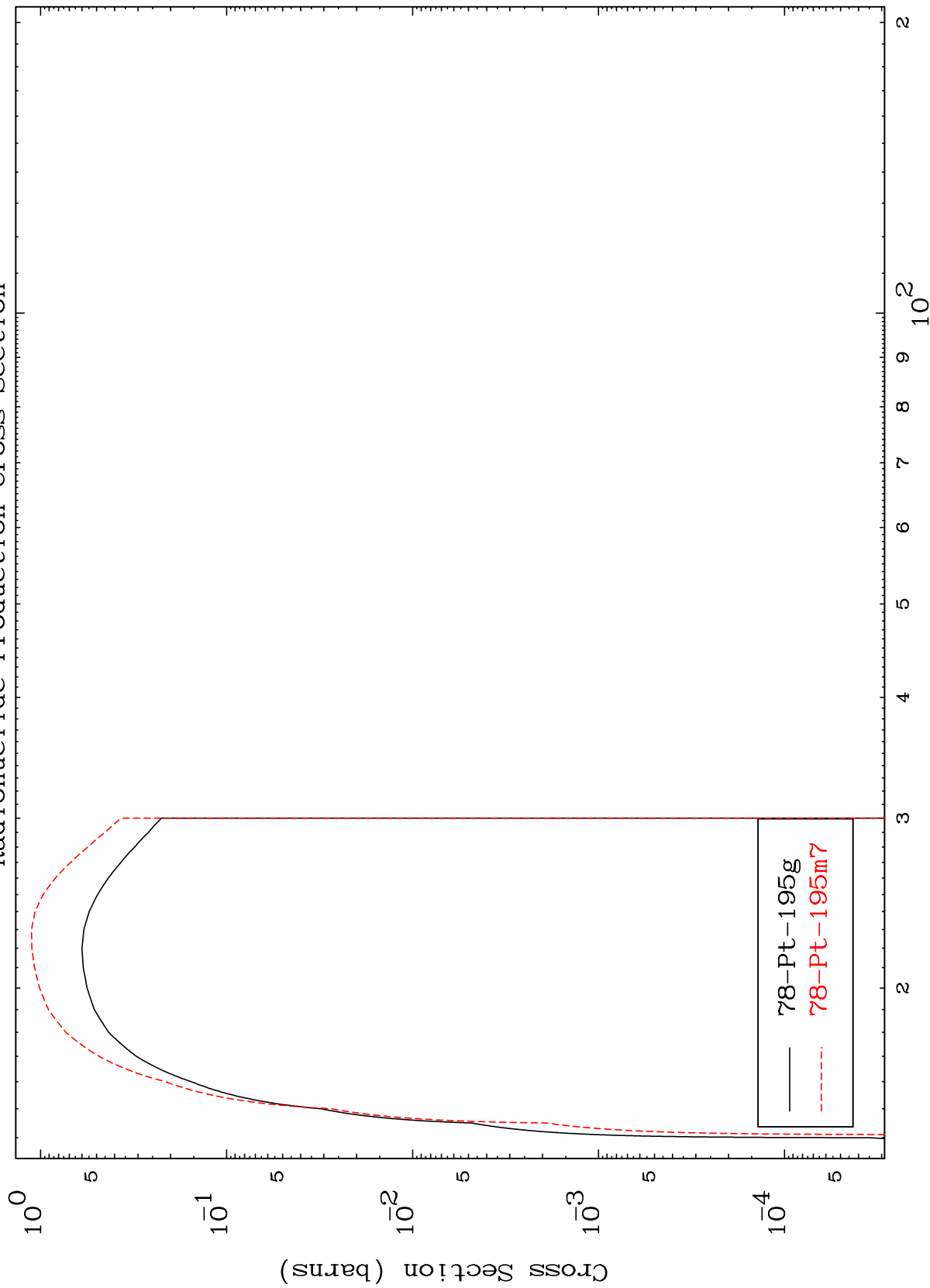


78-Pt-197

MAT 7846

78-Pt-197

(n,3n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

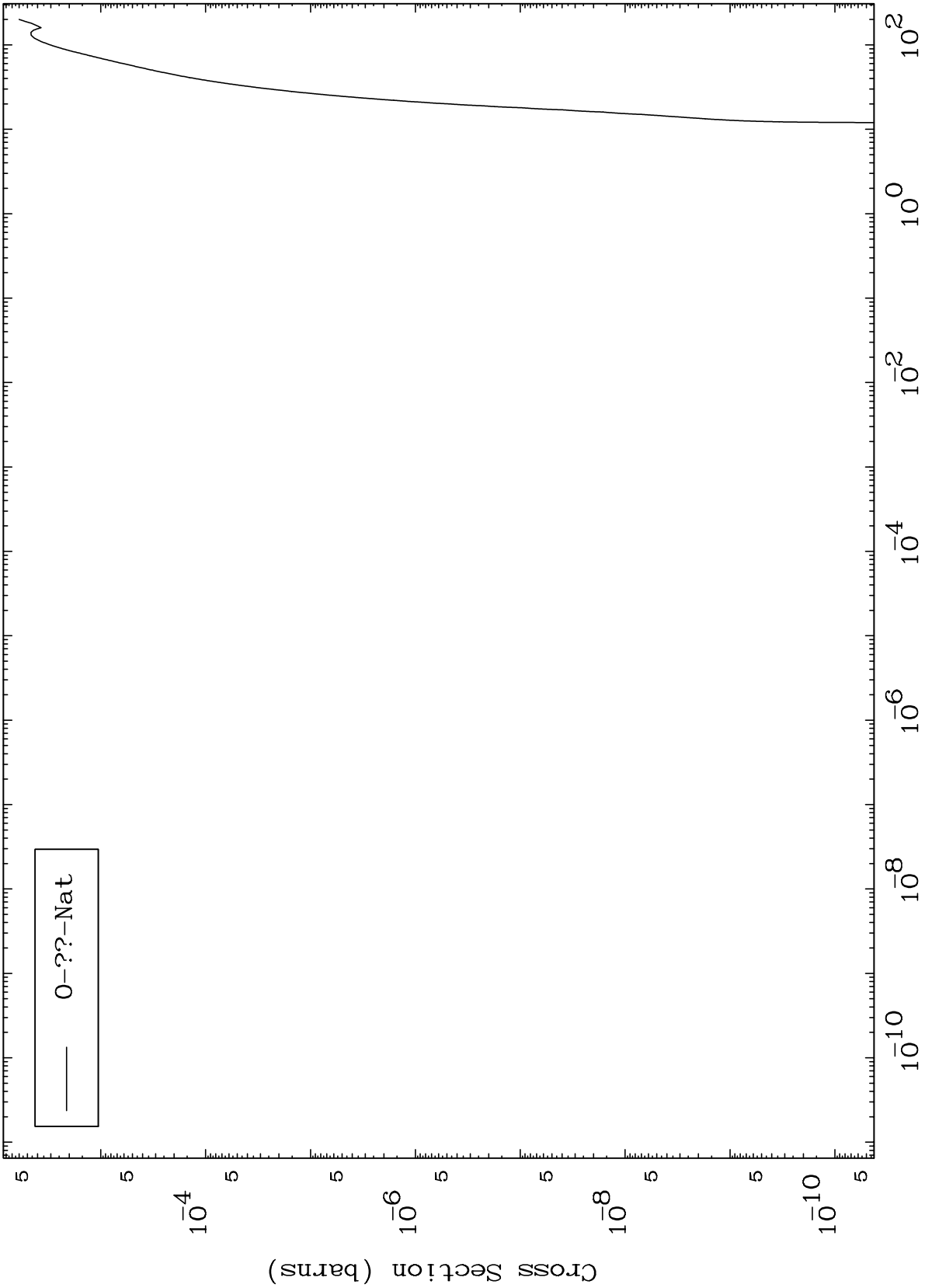
78-Pt-197

MAT 7846

Fission

78-Pt-197

Radionuclide Production Cross Section



126

Incident Energy (MeV)

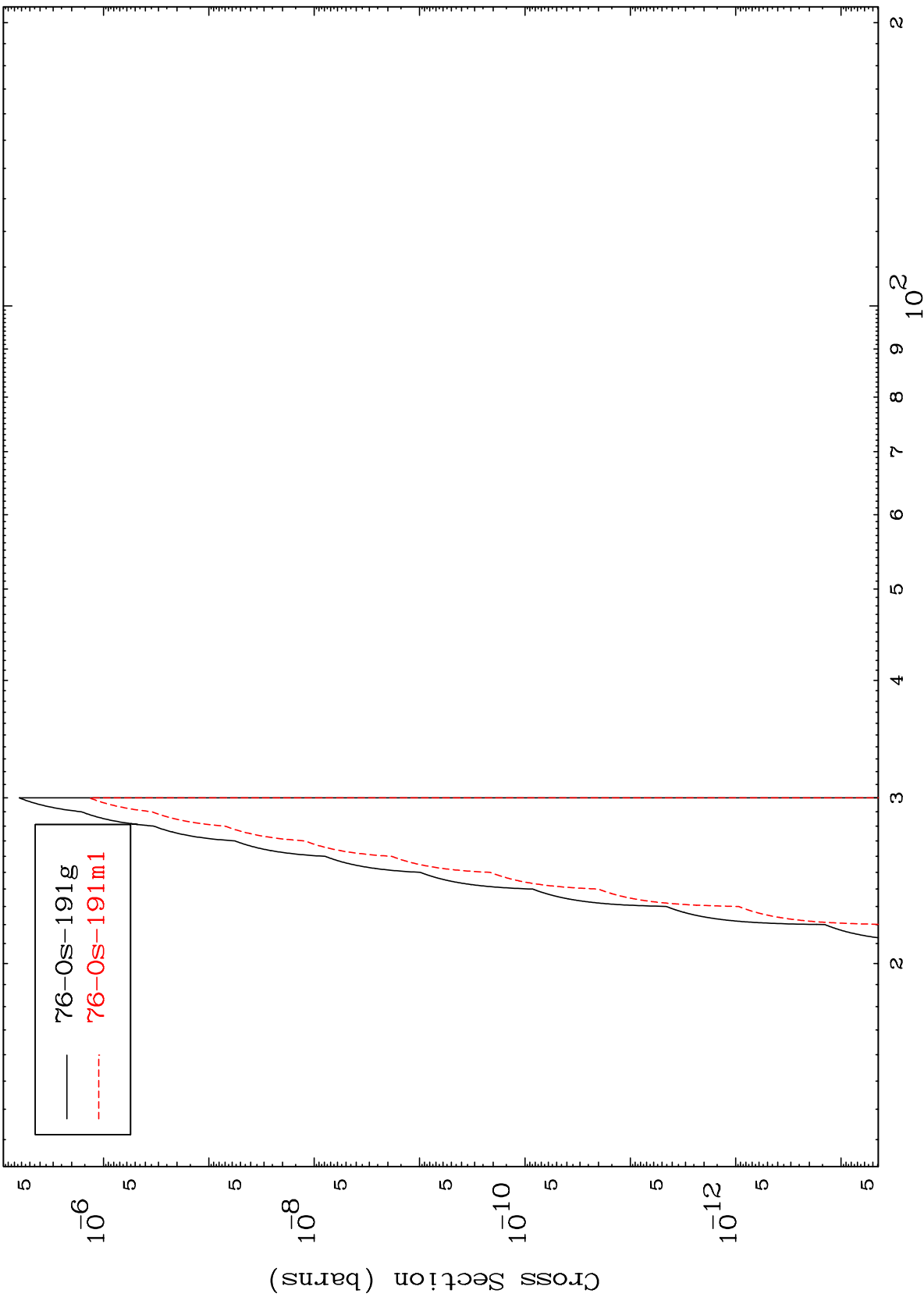
78-Pt-197

MAT 7846

$(n,3n) \alpha$

78-Pt-197

Radionuclide Production Cross Section



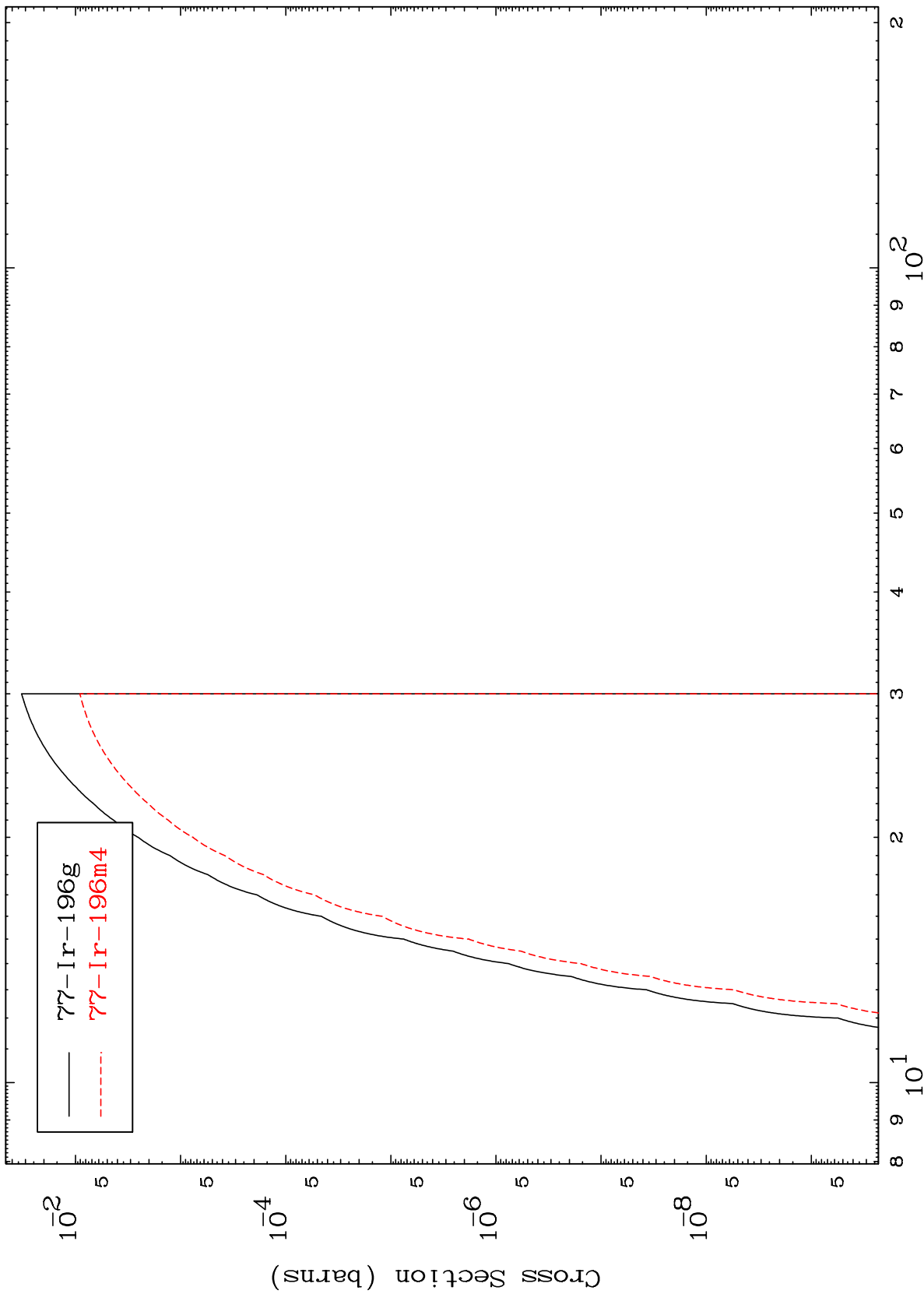
76-Os-191g
76-Os-191m1

MAT 7846

(n,n') p

78-Pt-197

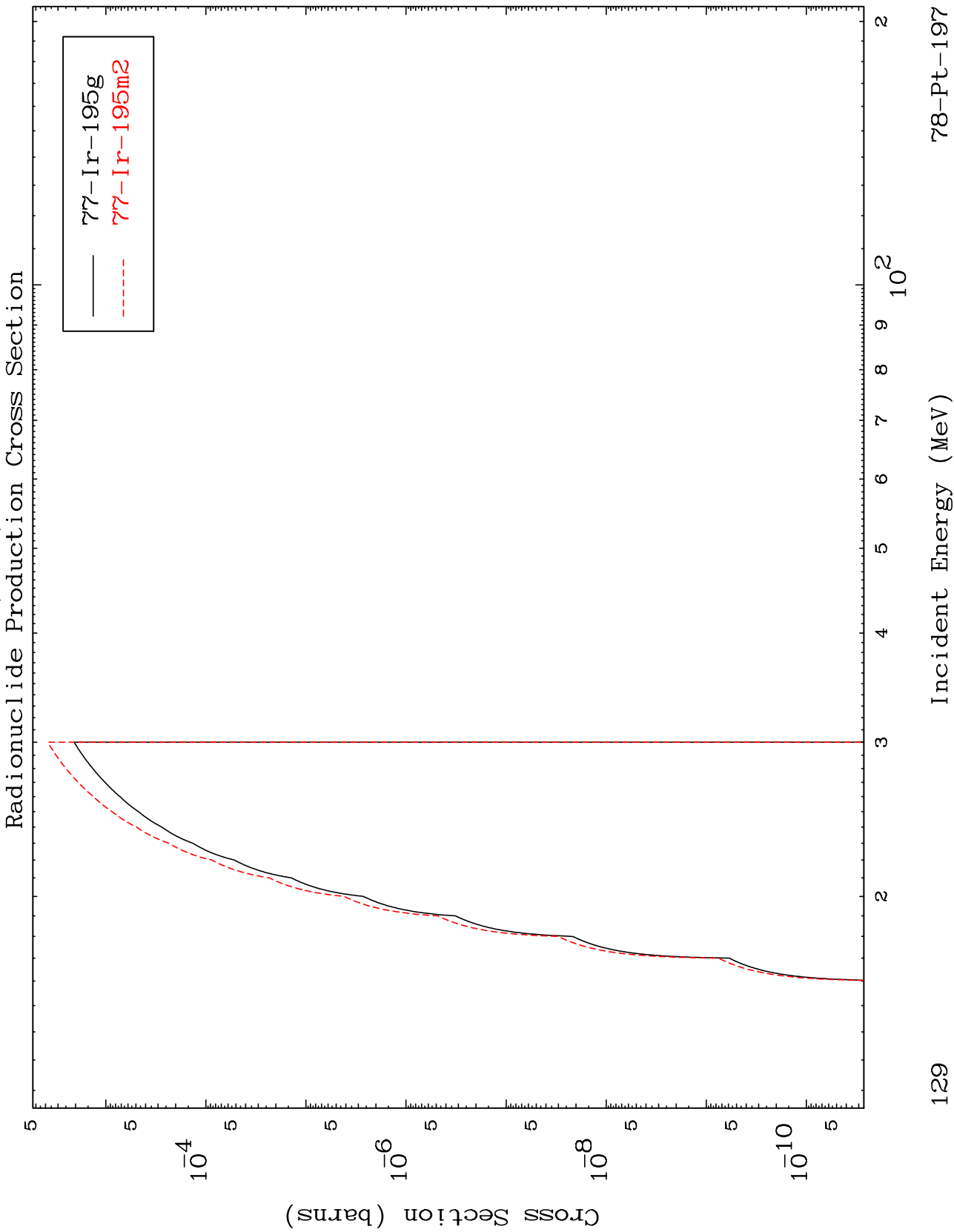
Radionuclide Production Cross Section

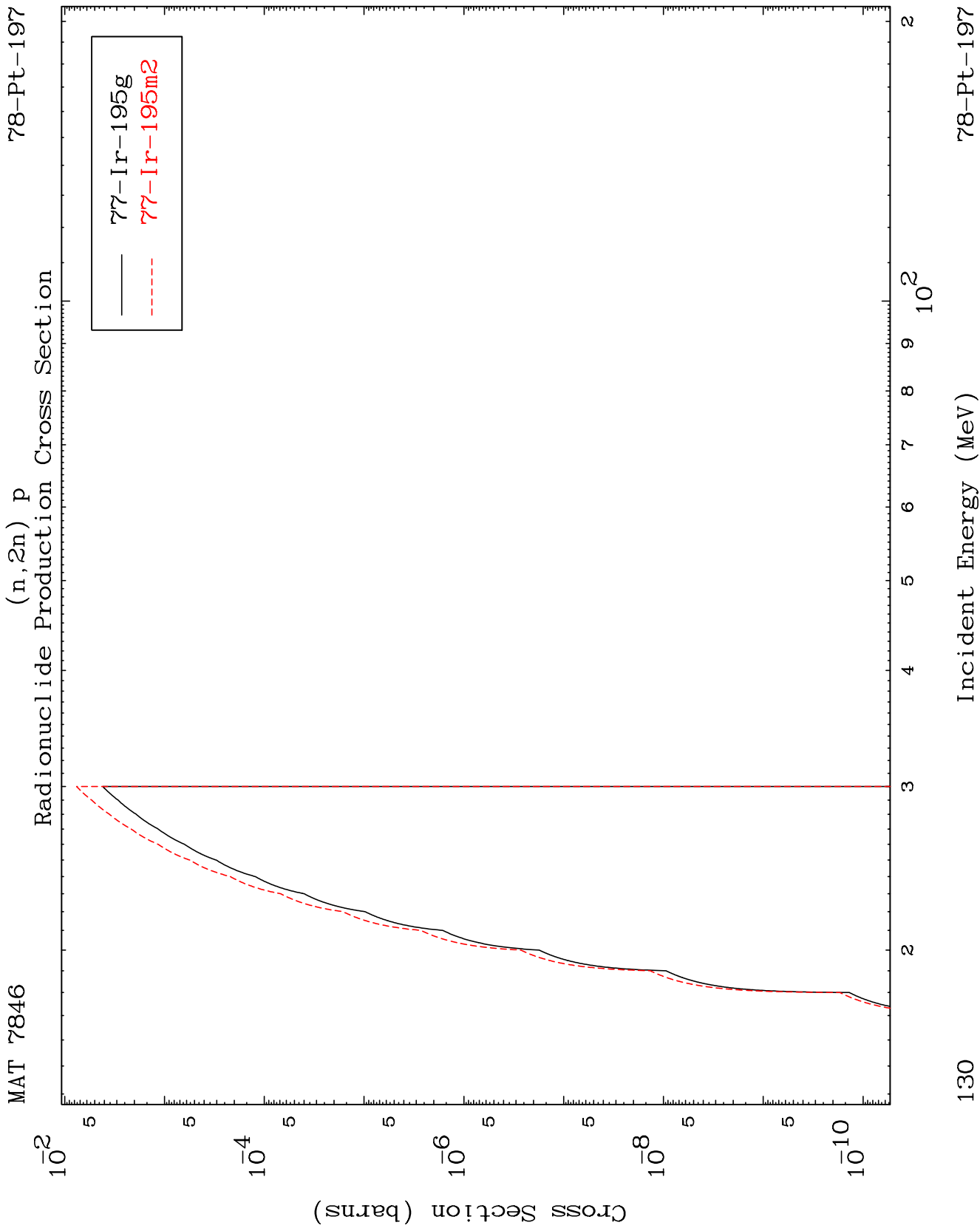


128

Incident Energy (MeV)

78-Pt-197



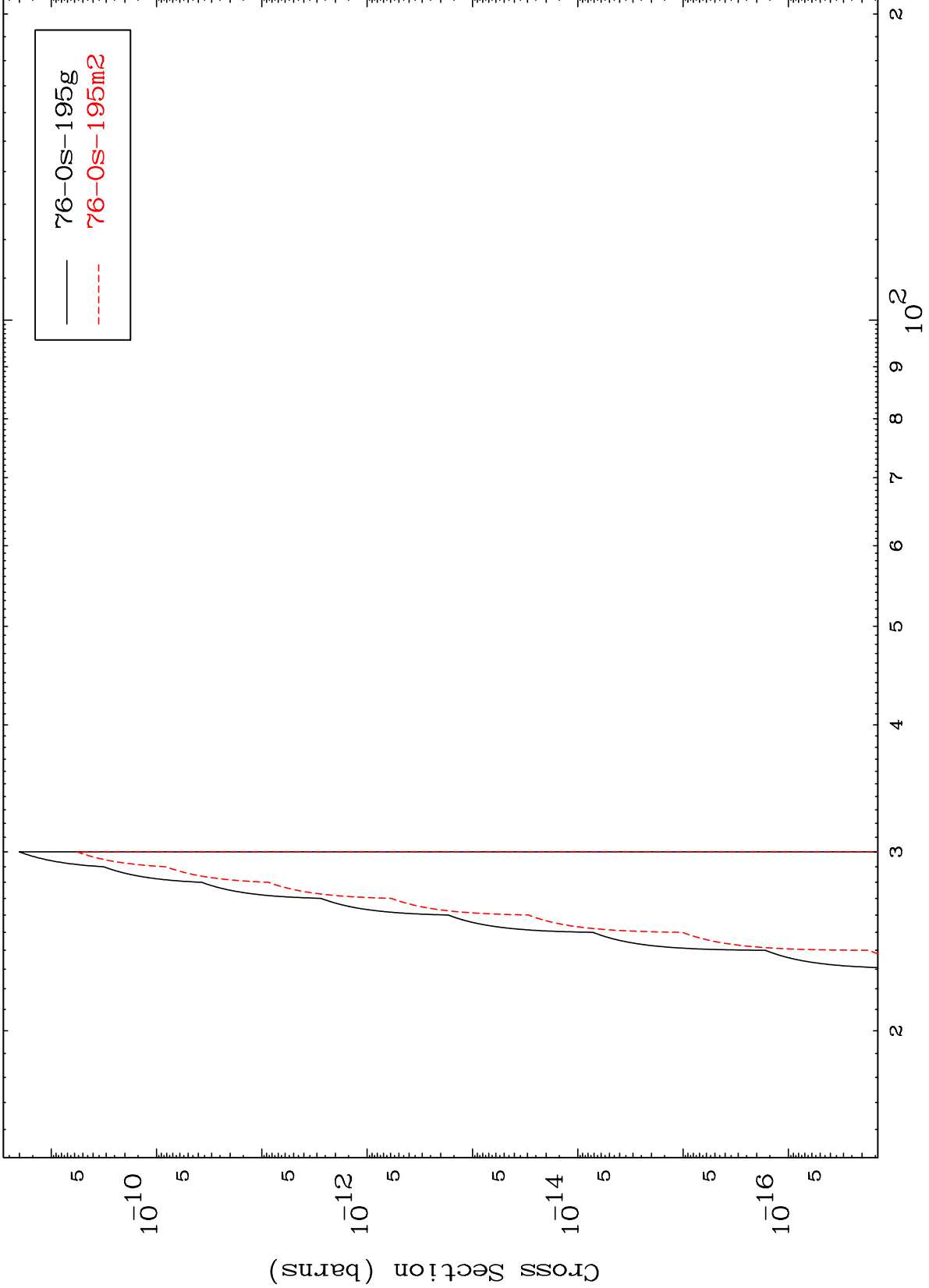


MAT 7846

(n,2n) p

78-Pt-197

Radionuclide Production Cross Section



76-Os-195g
76-Os-195m2

131

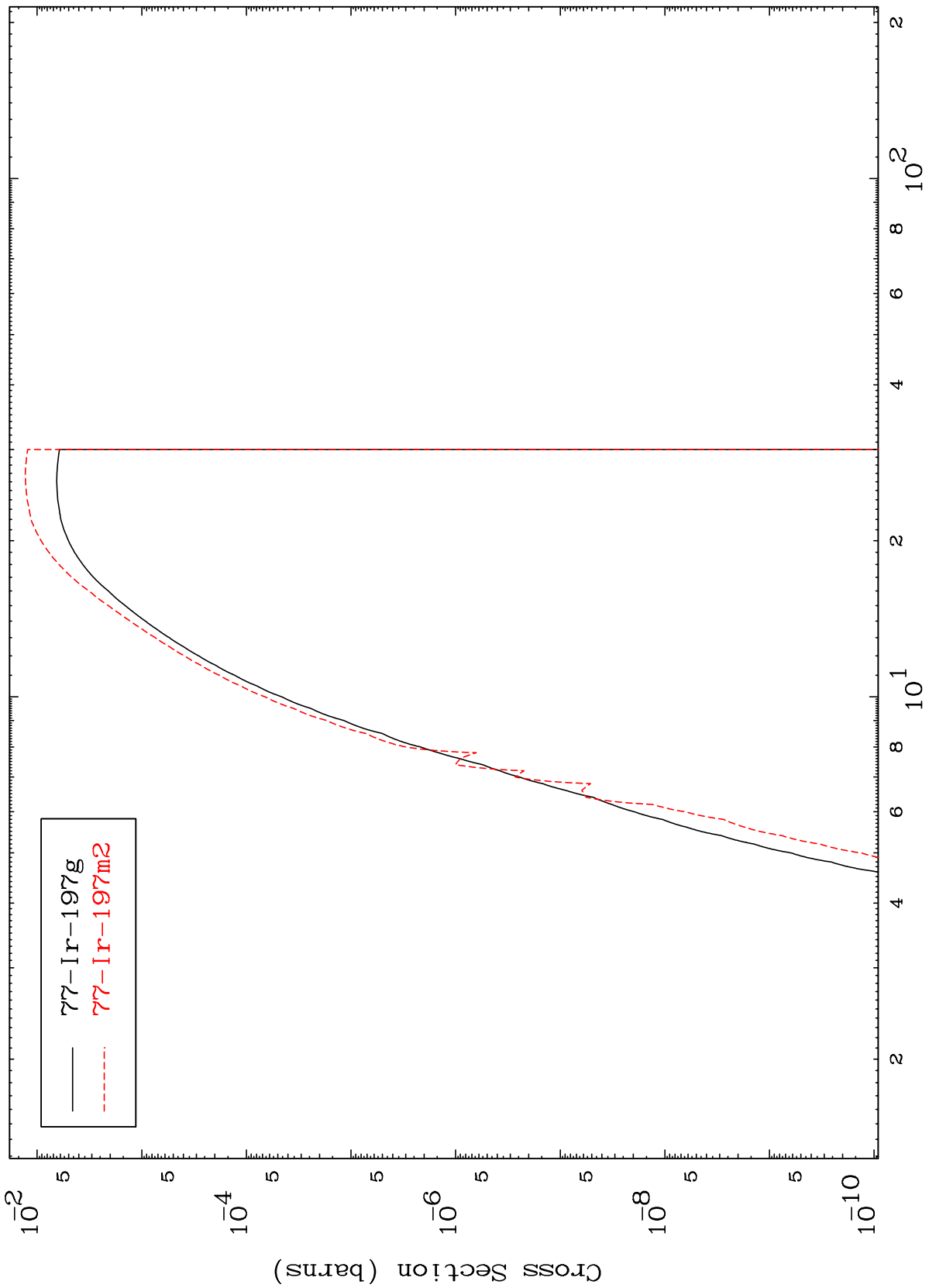
Incident Energy (MeV)

78-Pt-197

MAT 7846

78-Pt-197

(n,p)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

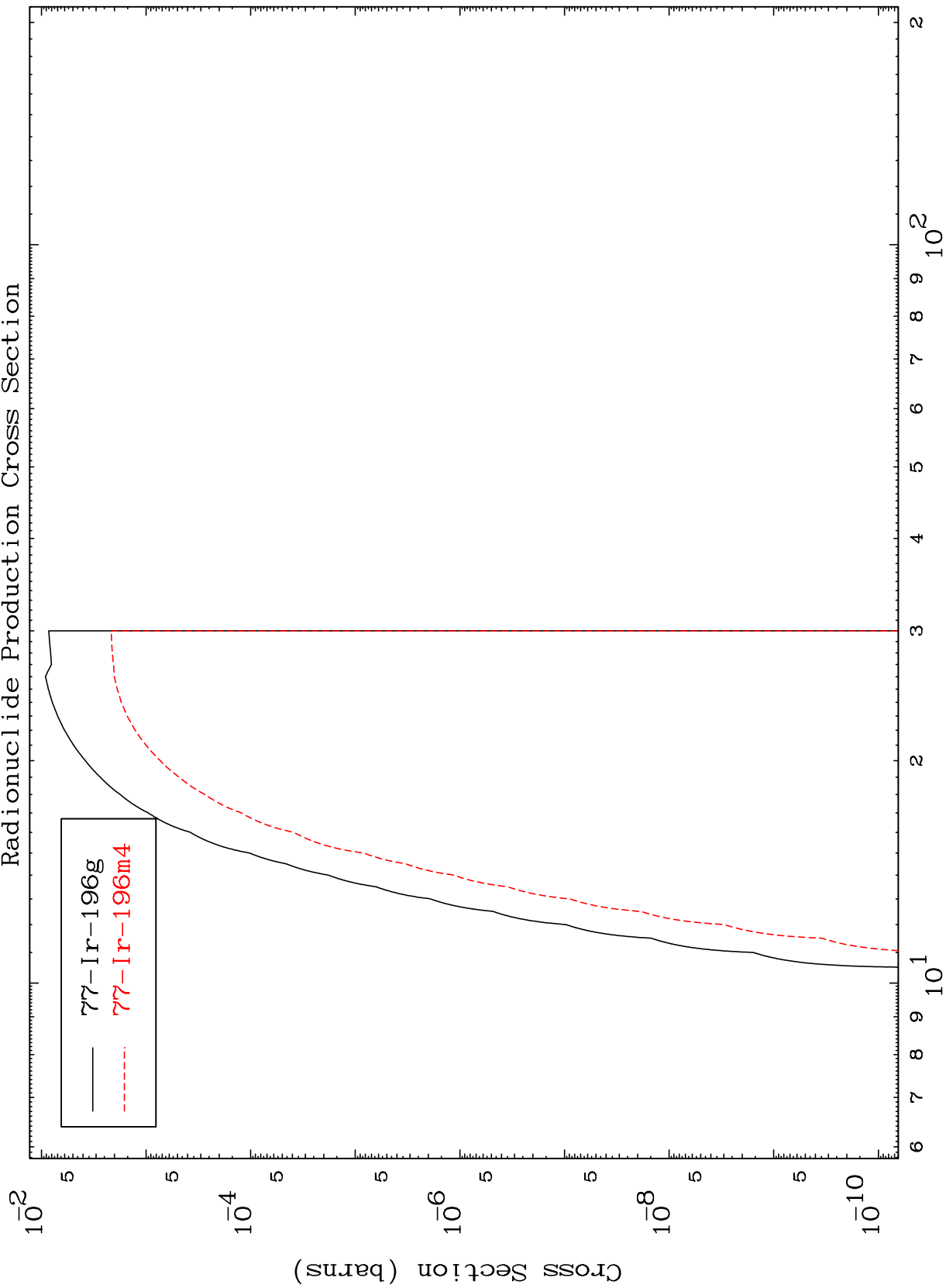
78-Pt-197

MAT 7846

(n,d)

78-Pt-197

Radionuclide Production Cross Section



133

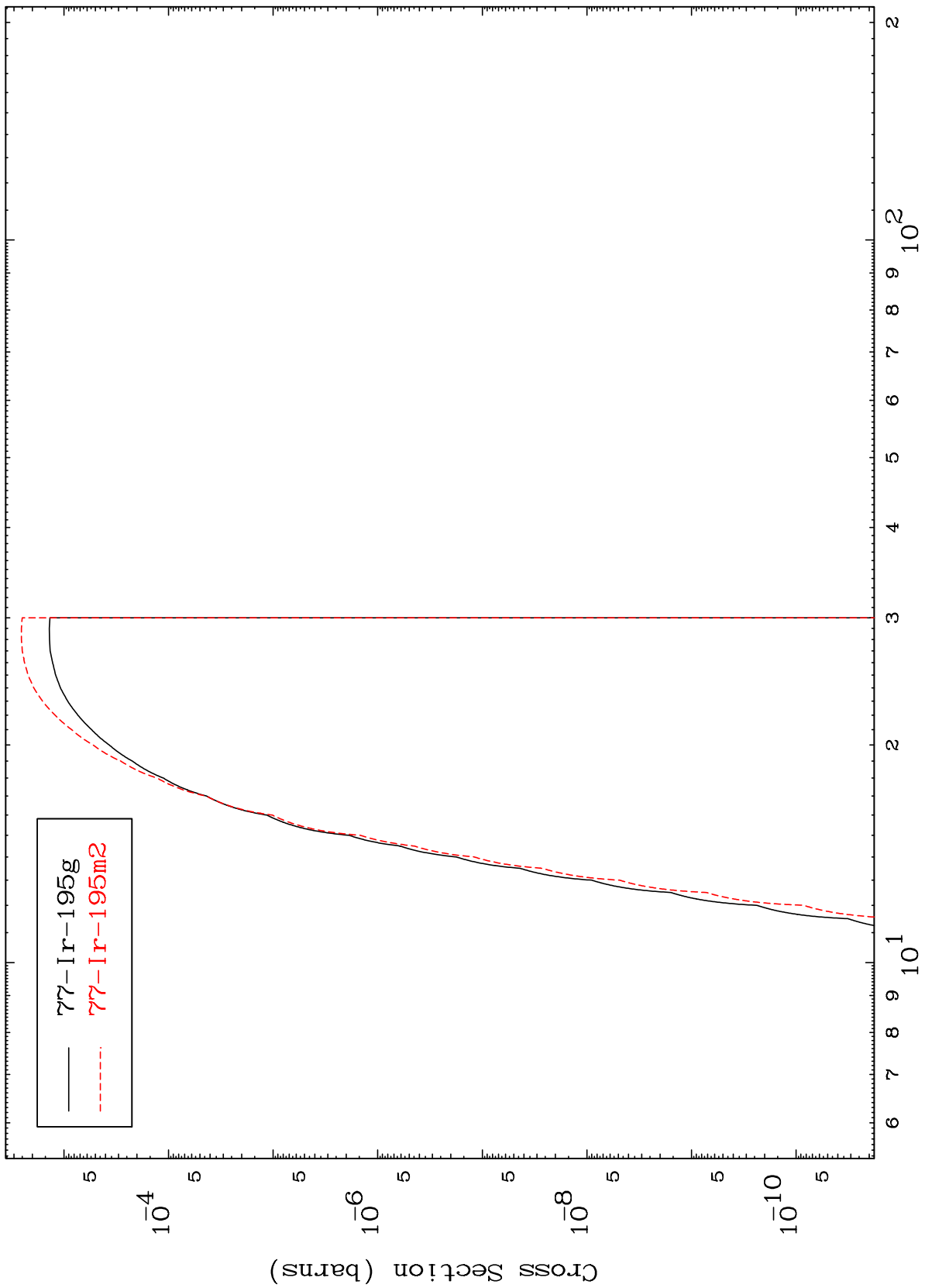
Incident Energy (MeV)

78-Pt-197

MAT 7846

78-Pt-197

Radionuclide Production Cross Section
(n, t)



134

Incident Energy (MeV)

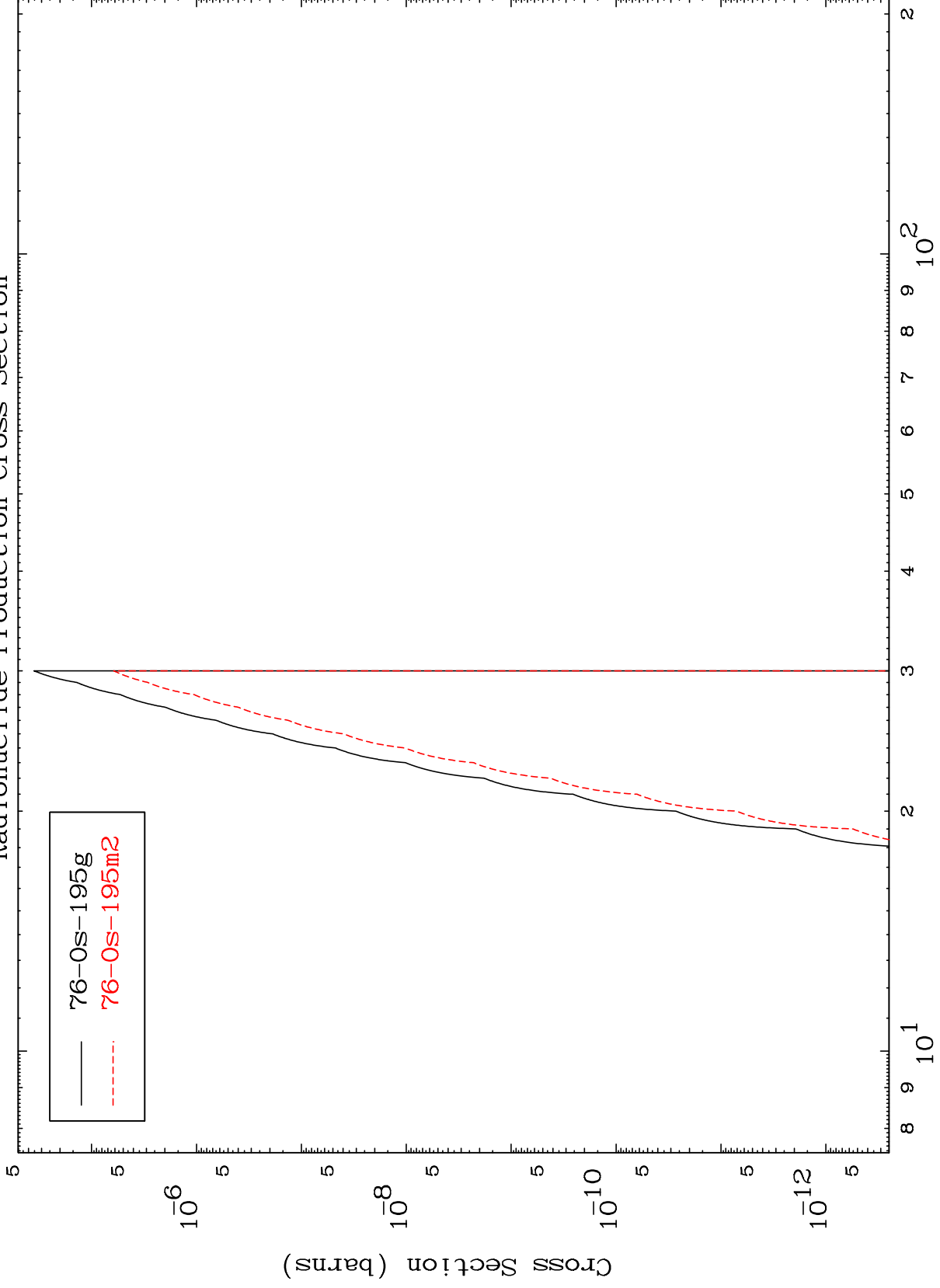
78-Pt-197

MAT 7846

(n,He-3)

78-Pt-197

Radionuclide Production Cross Section



76-Os-195g
76-Os-195m2

135

Incident Energy (MeV)

78-Pt-197