

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

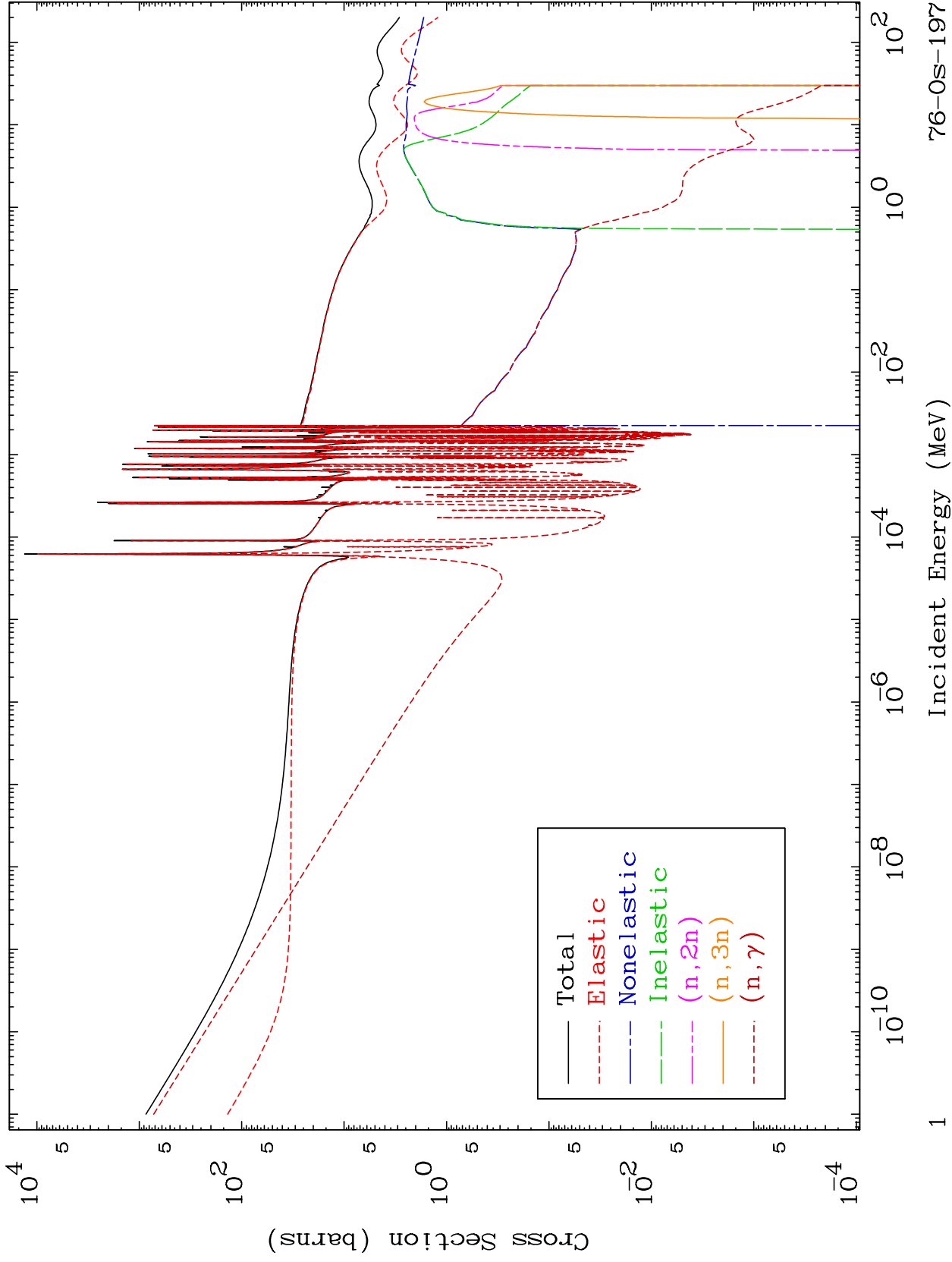
Web:redcullen1.net/HOMEPAGE.NEW

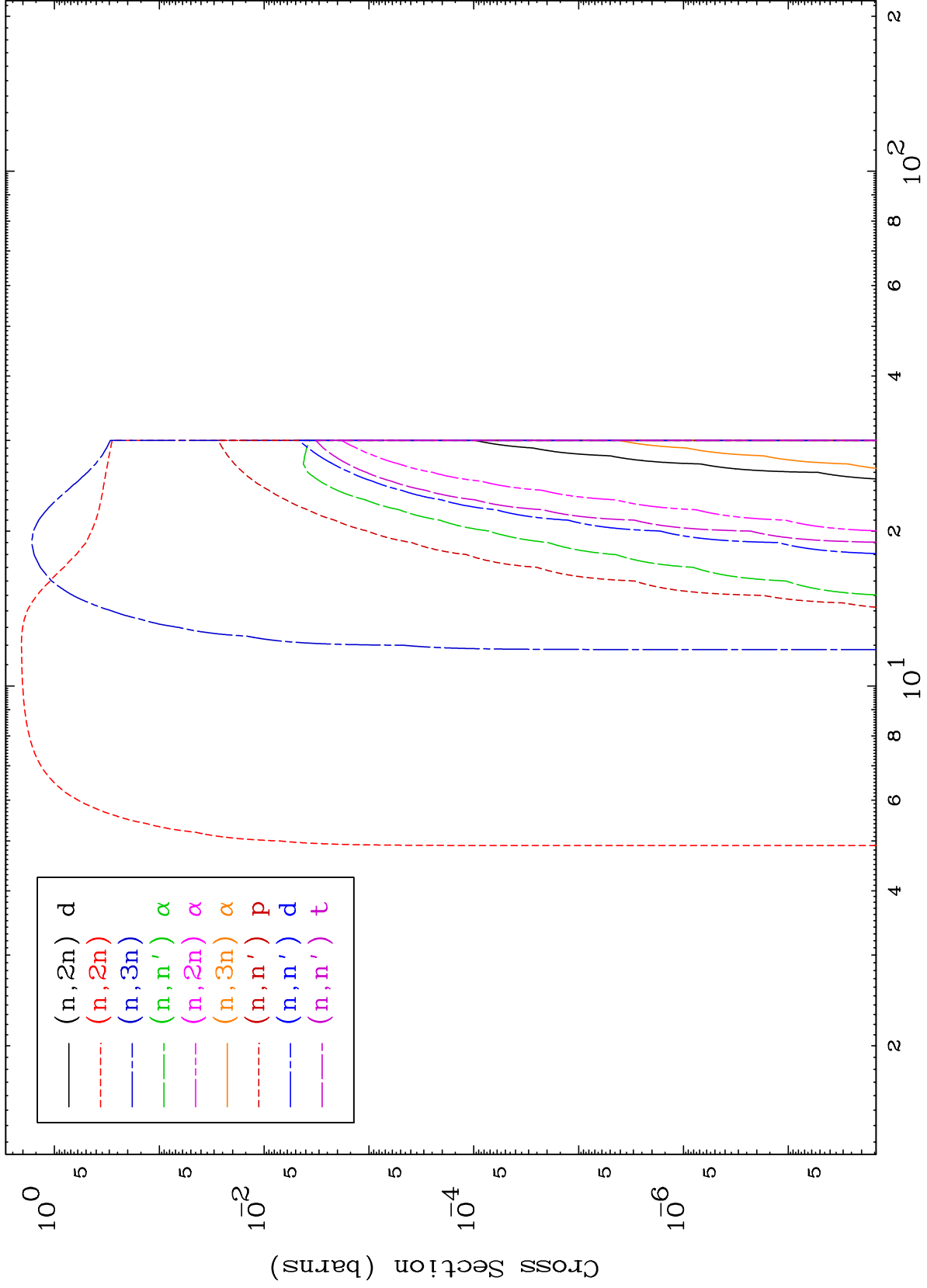
Press Mouse Button to Start

MAT 7664

Neutron Major
293 Kelvin Cross Sections

76-Os-197

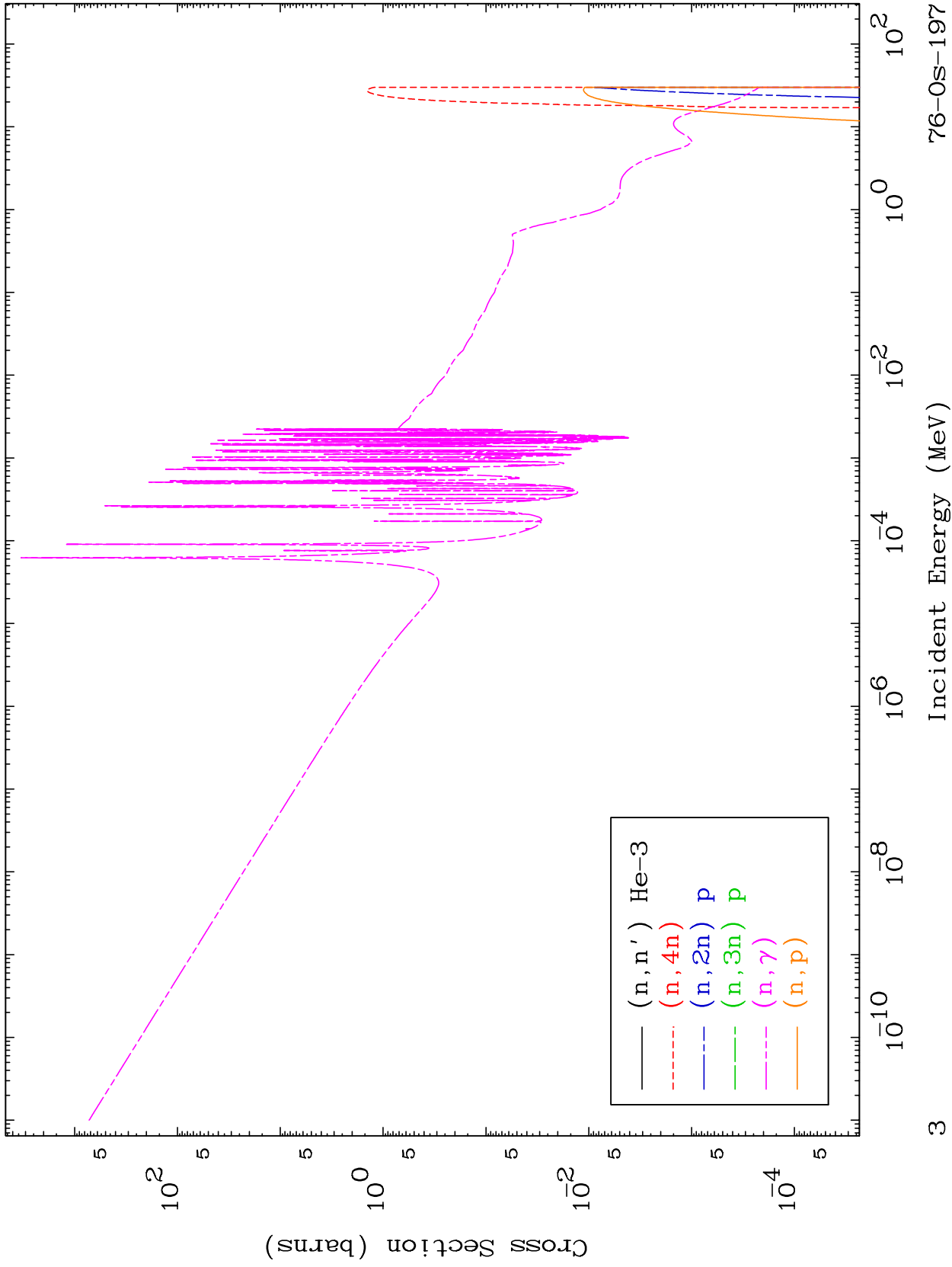




MAT 7664

Neutron Absorption
293 Kelvin Cross Sections

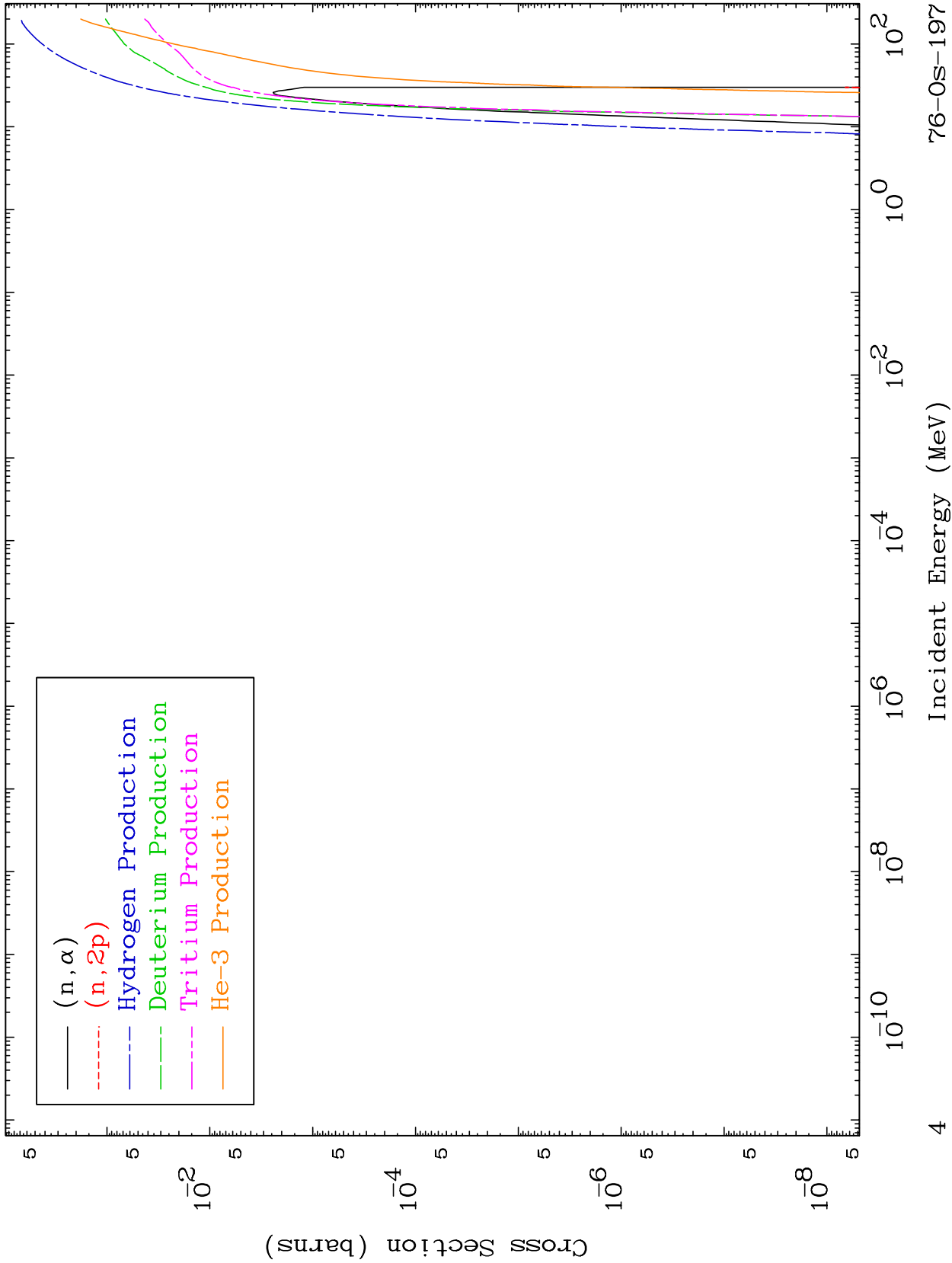
76-Os-197

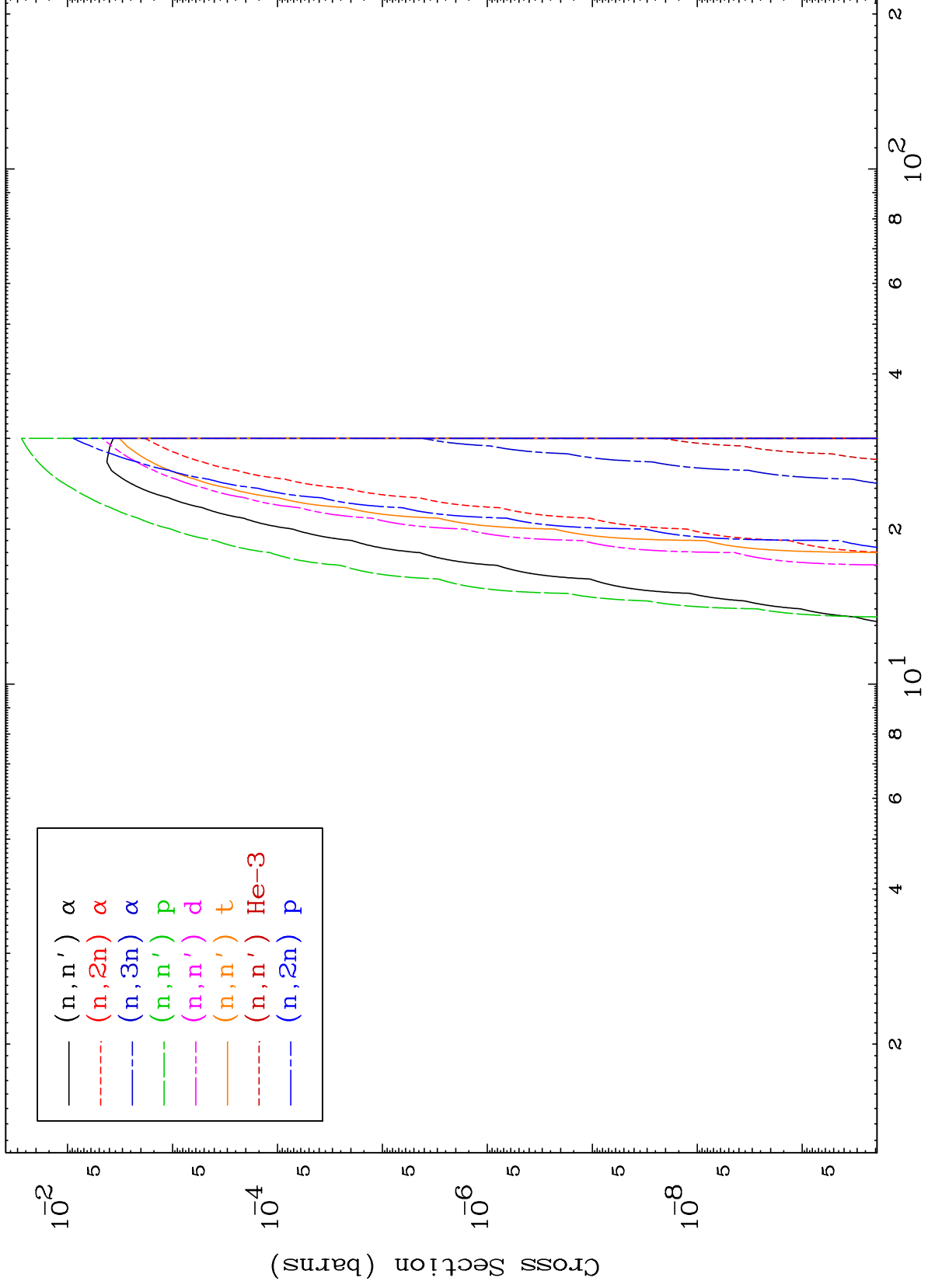


MAT 7664

Neutron Absorption
293 Kelvin Cross Sections

76-Os-197

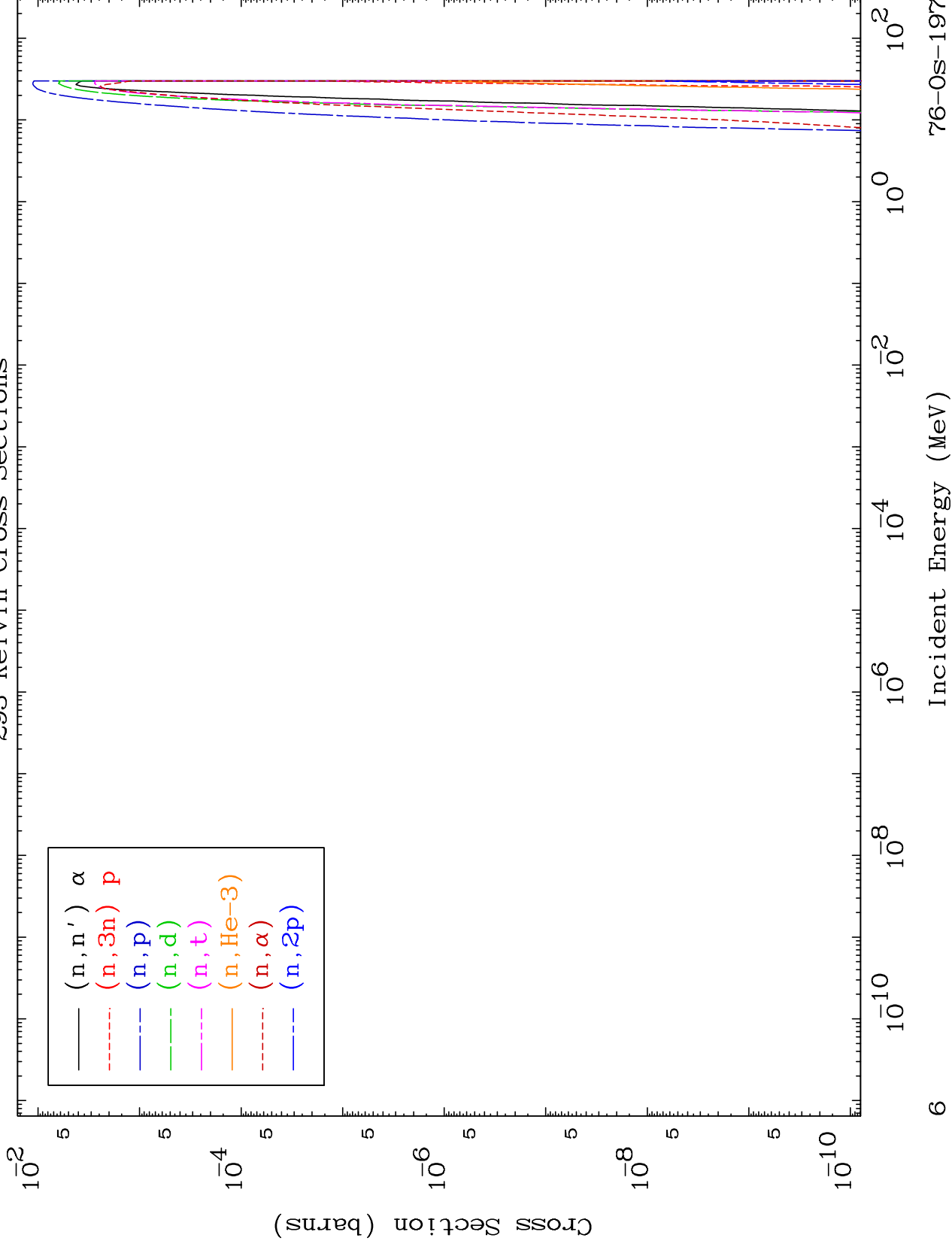




MAT 7664

Charged Particle
293 Kelvin Cross Sections

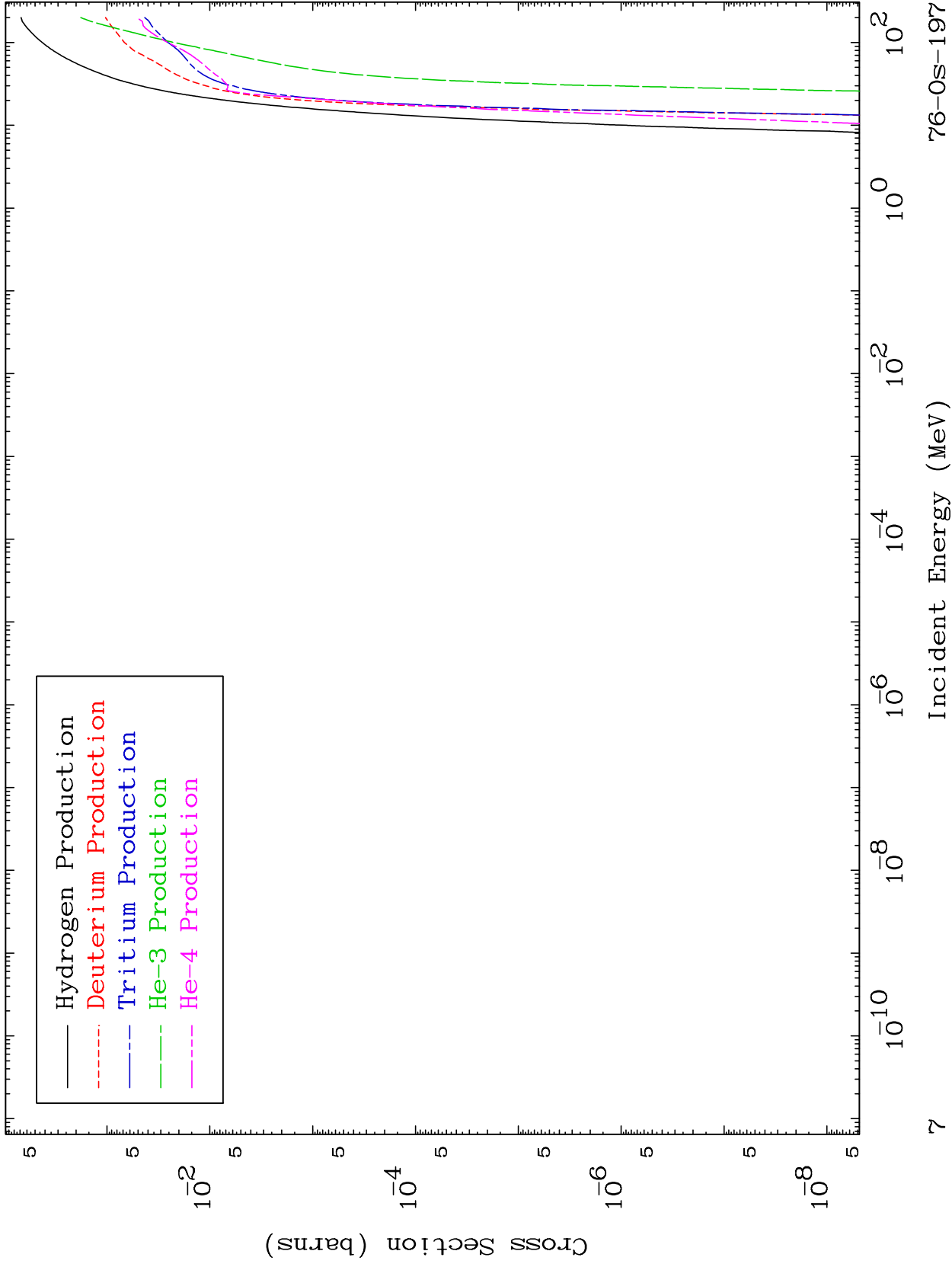
76-Os-197



MAT 7664

Particle Production
293 Kelvin Cross Sections

76-Os-197

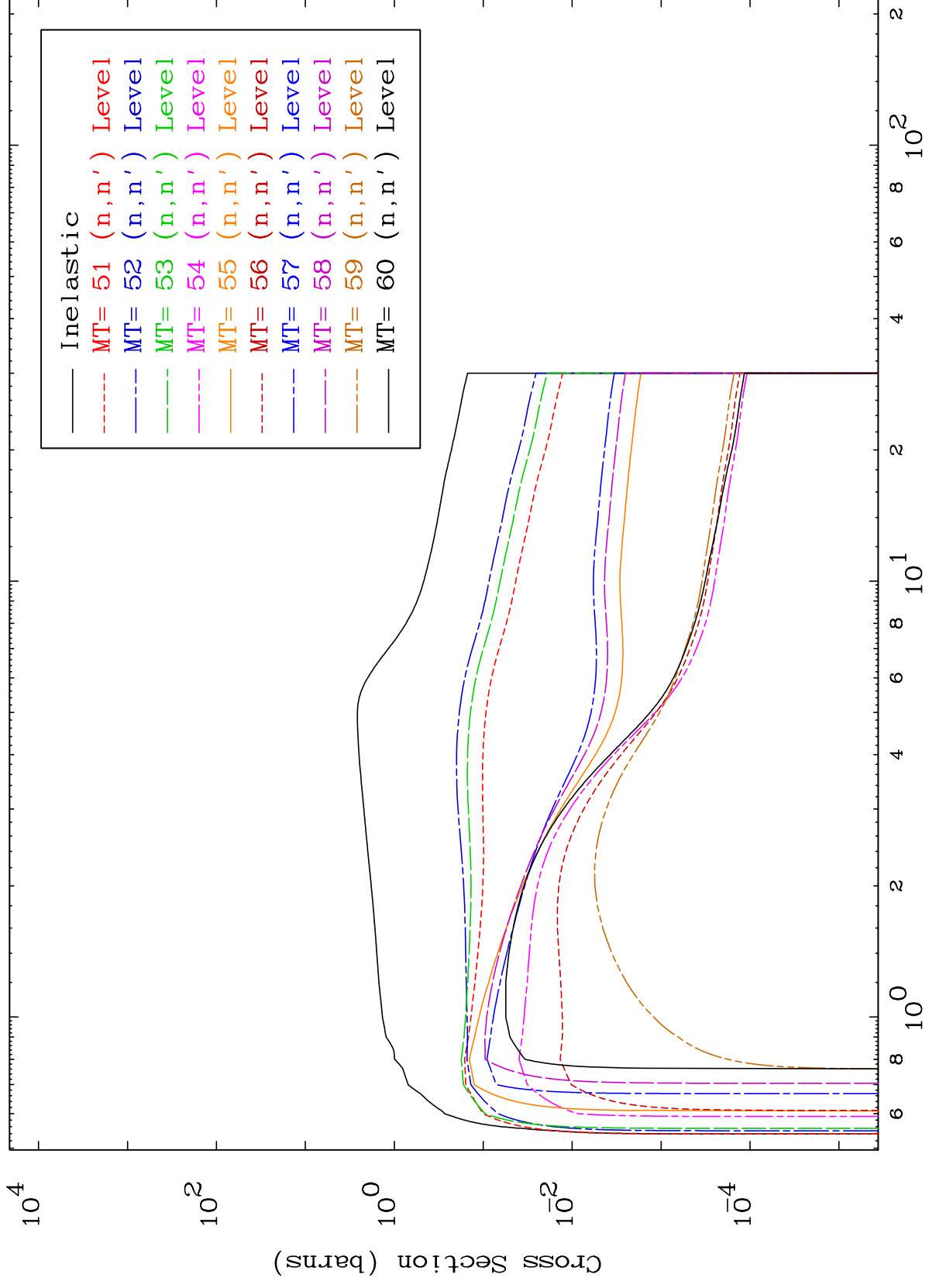


MAT 7664

(n,n') Levels

76-Os-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

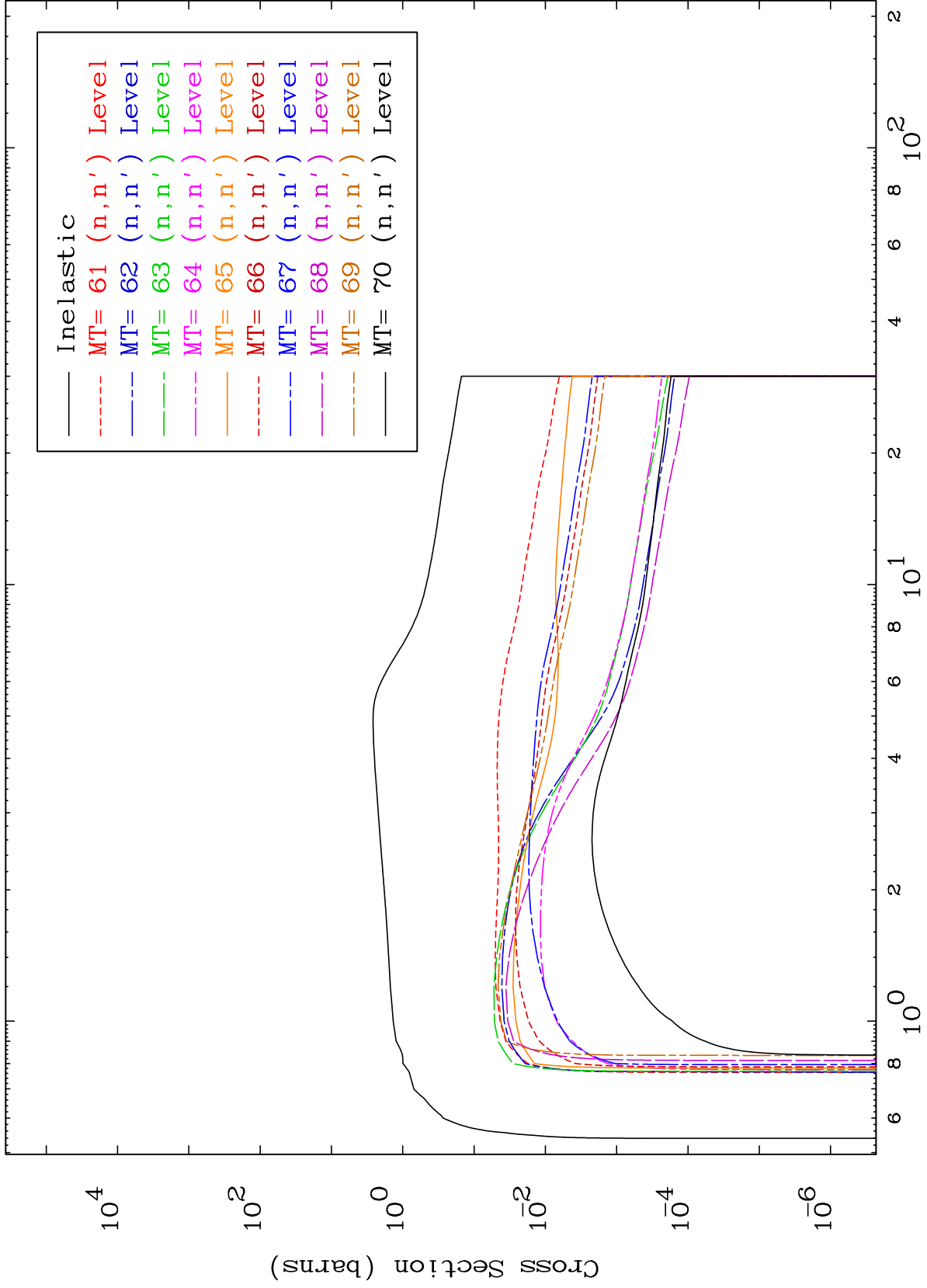
76-Os-197

MAT 7664

(n,n') Levels

76-Os-197

293 Kelvin Cross Sections



9

Incident Energy (MeV)

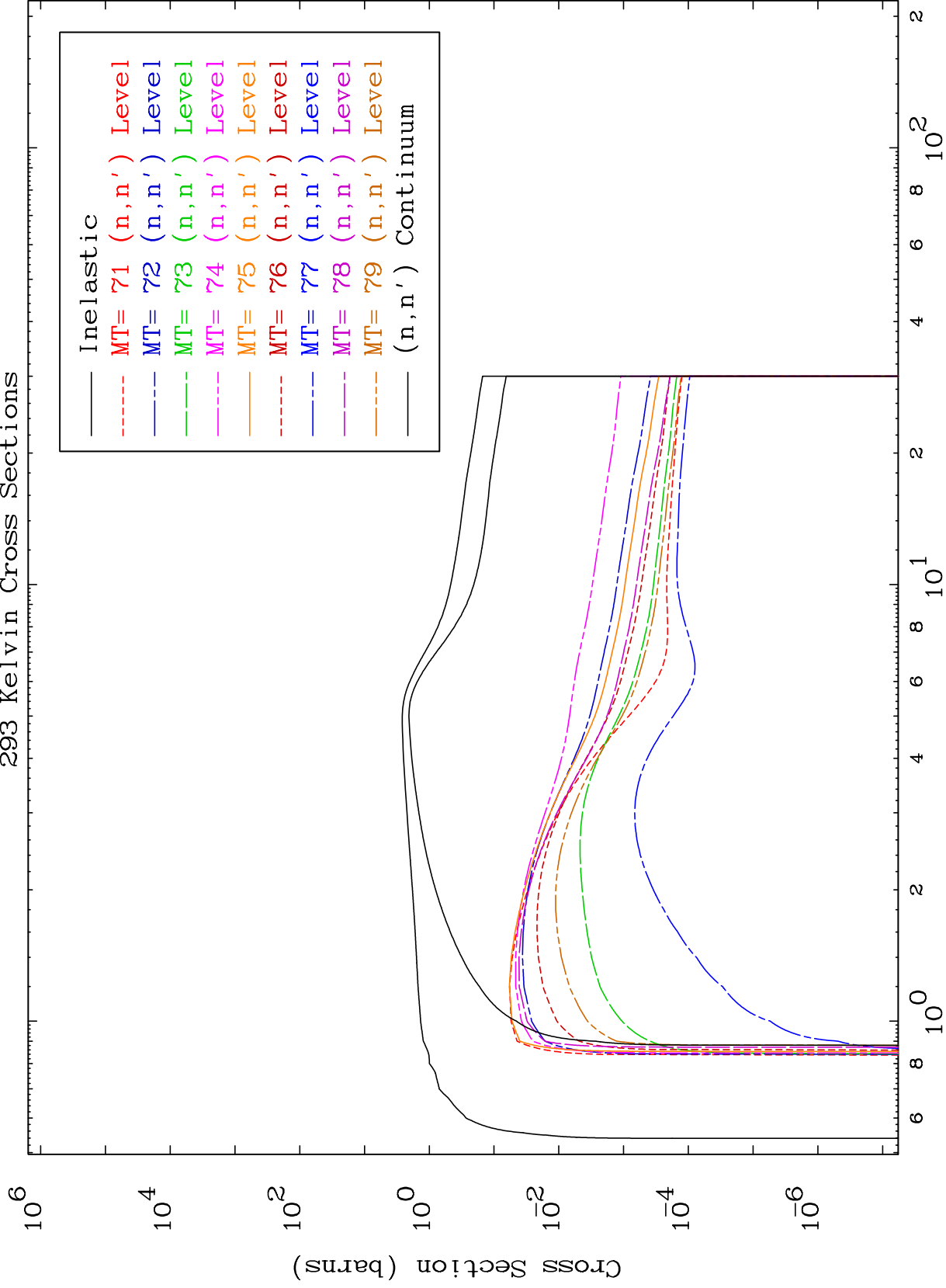
76-Os-197

MAT 7664

(n,n') Levels

293 Kelvin Cross Sections

76-Os-197



10

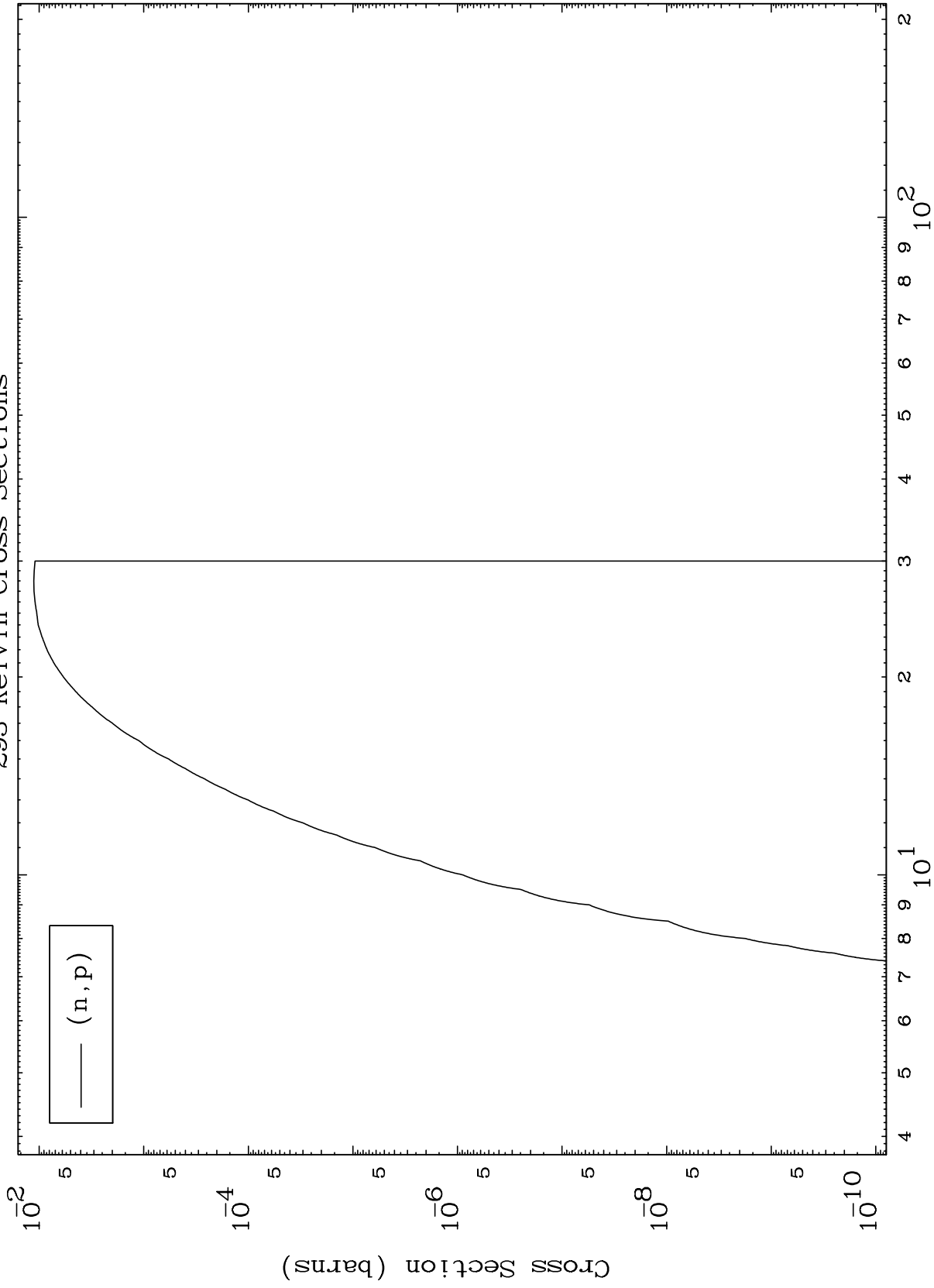
Incident Energy (MeV)

76-Os-197

MAT 7664

(n,p) Levels
293 Kelvin Cross Sections

76-Os-197



11

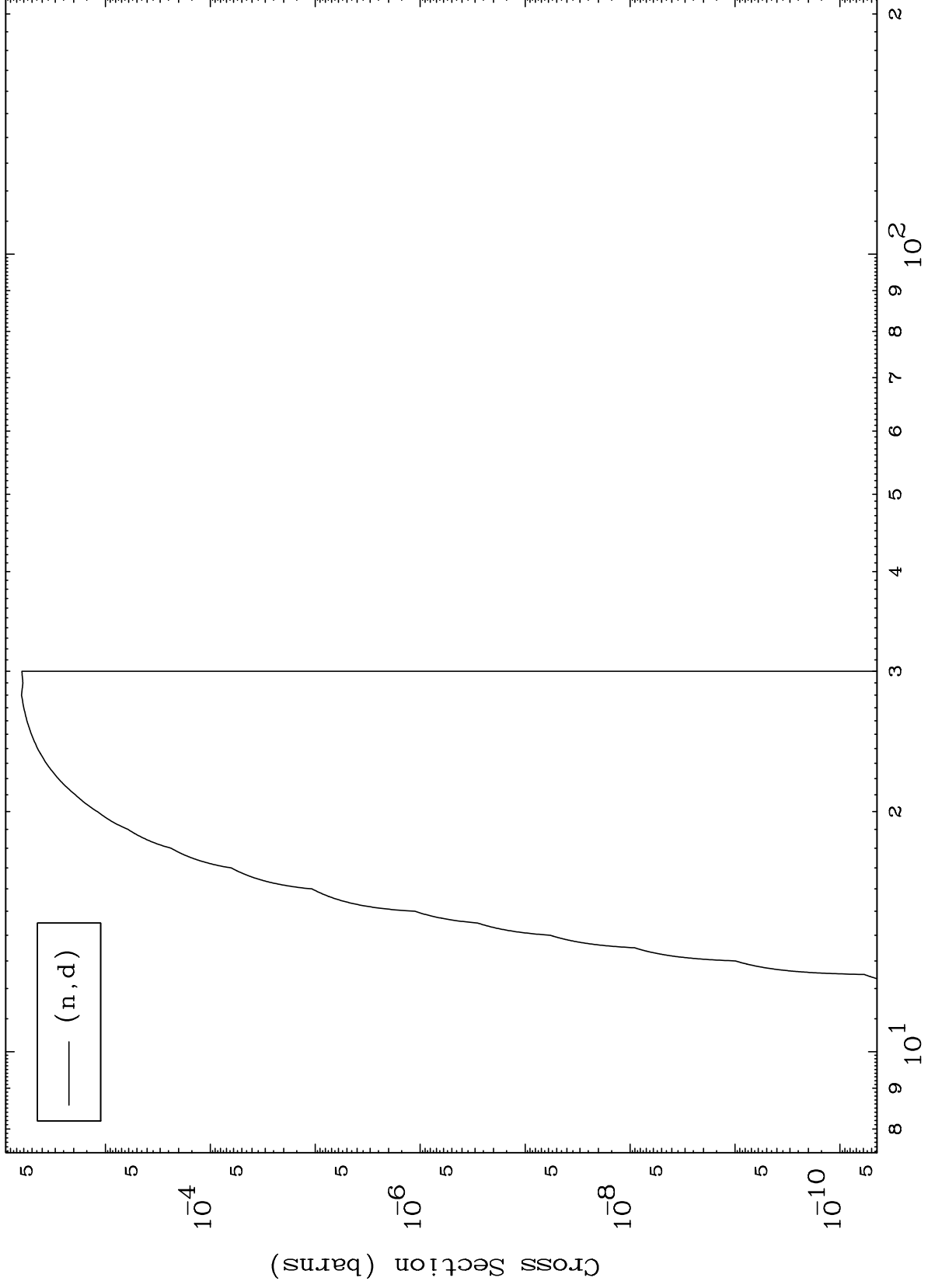
Incident Energy (MeV)

76-Os-197

MAT 7664

(n,d) Levels
293 Kelvin Cross Sections

76-0s-197



12

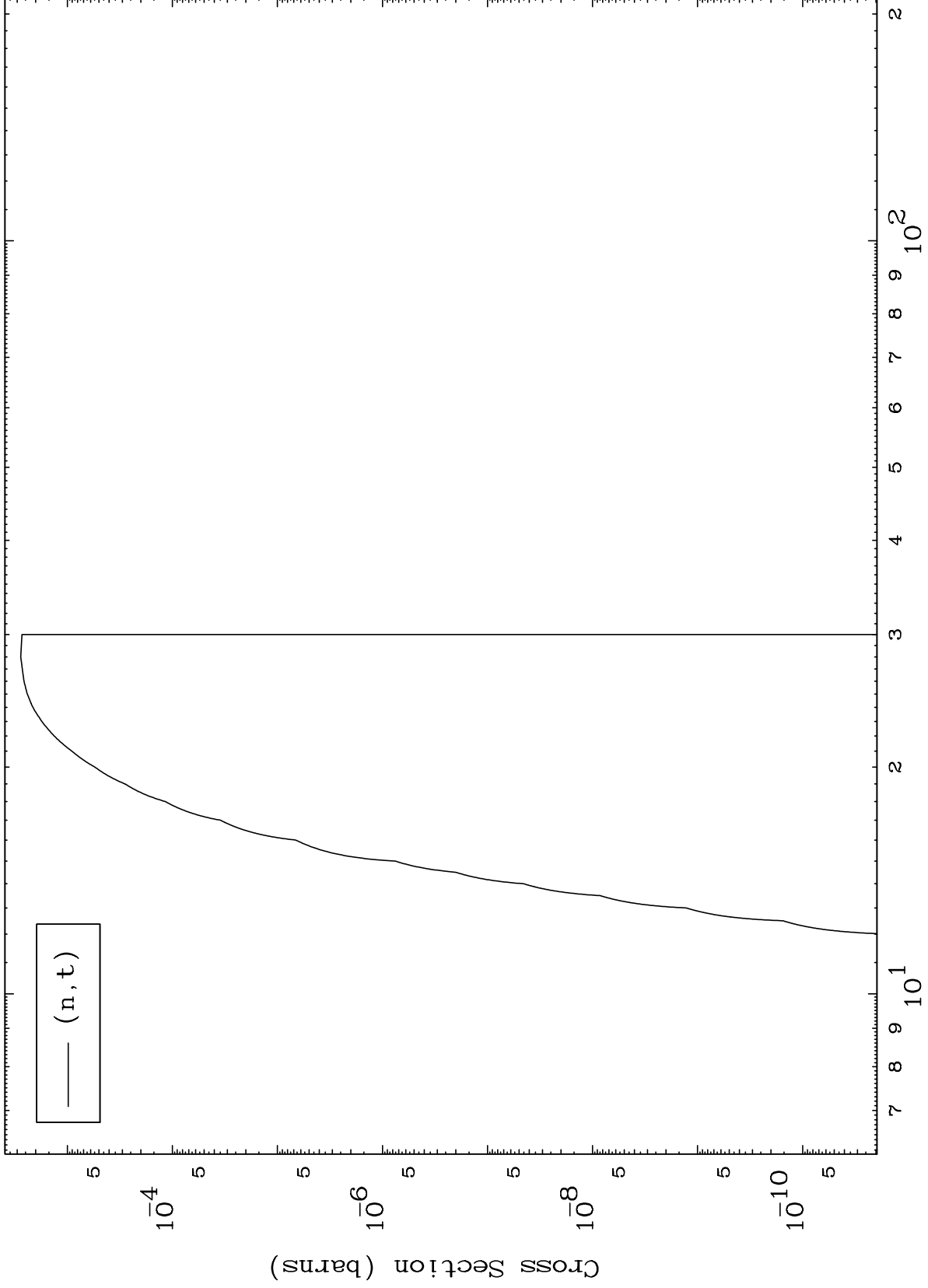
Incident Energy (MeV)

76-0s-197

MAT 7664

(n,t) Levels
293 Kelvin Cross Sections

76-Os-197



13

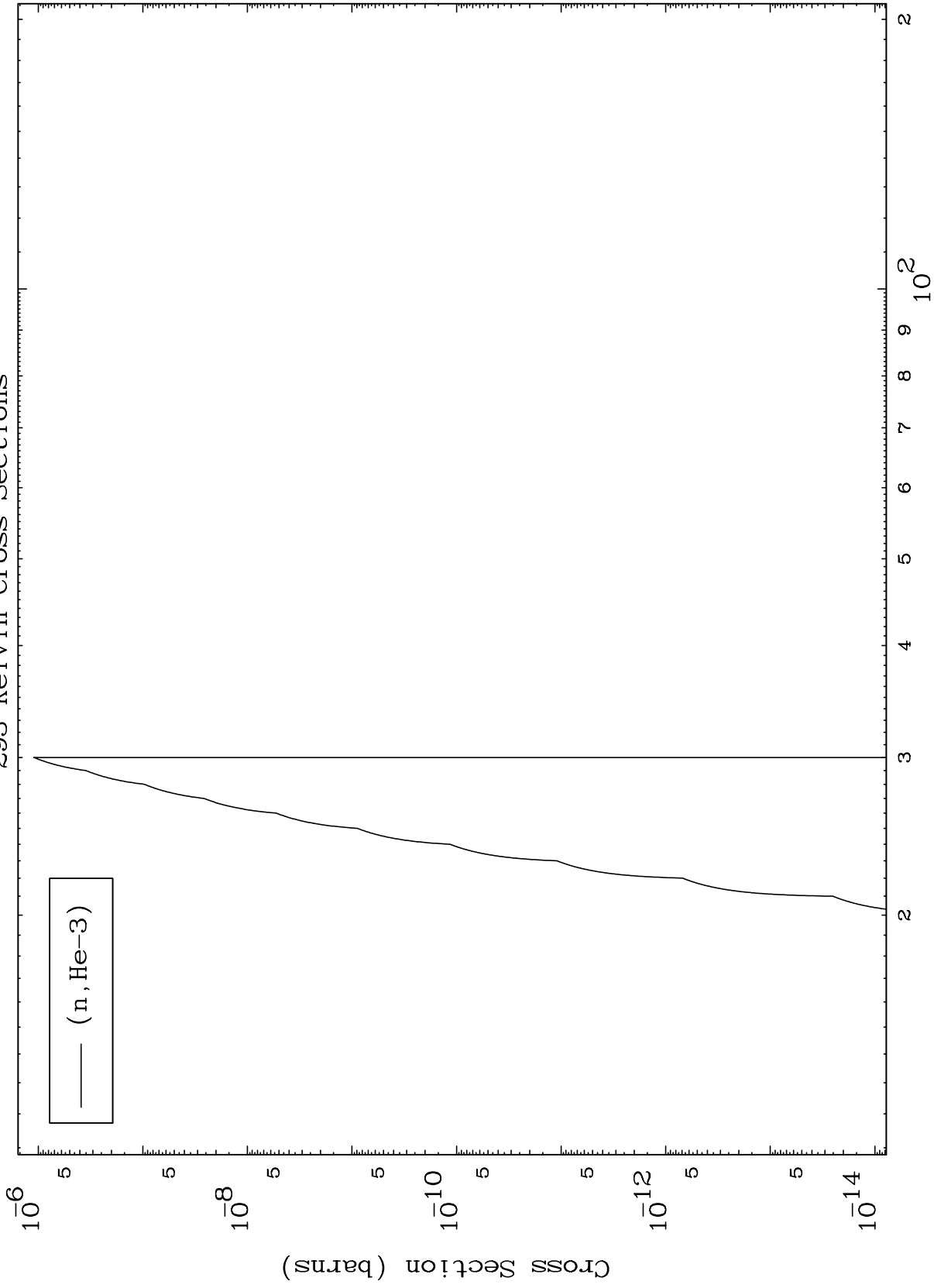
Incident Energy (MeV)

76-Os-197

MAT 7664

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-197



14

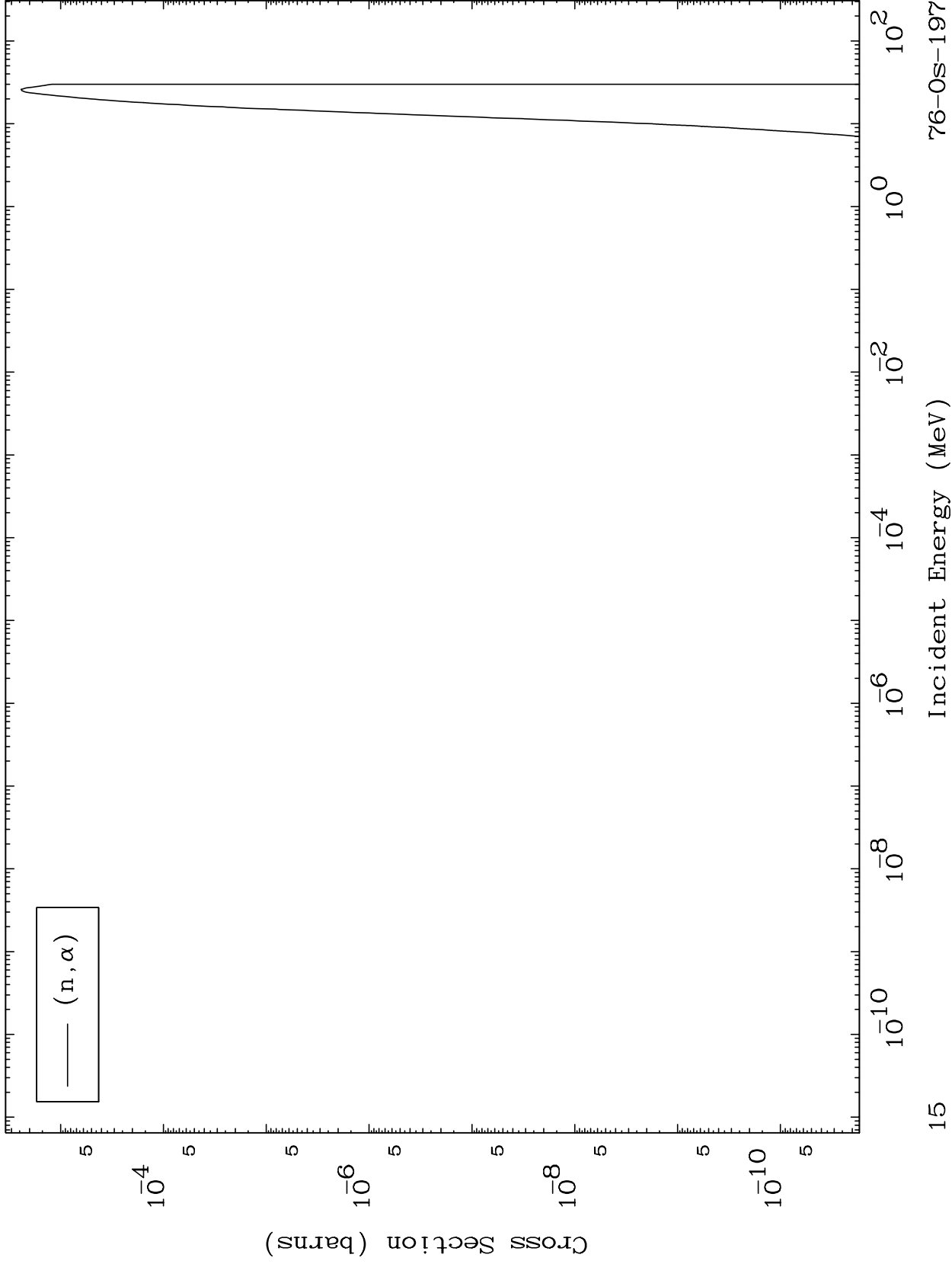
Incident Energy (MeV)

76-Os-197

MAT 7664

(n, α) Levels
293 Kelvin Cross Sections

76-Os-197



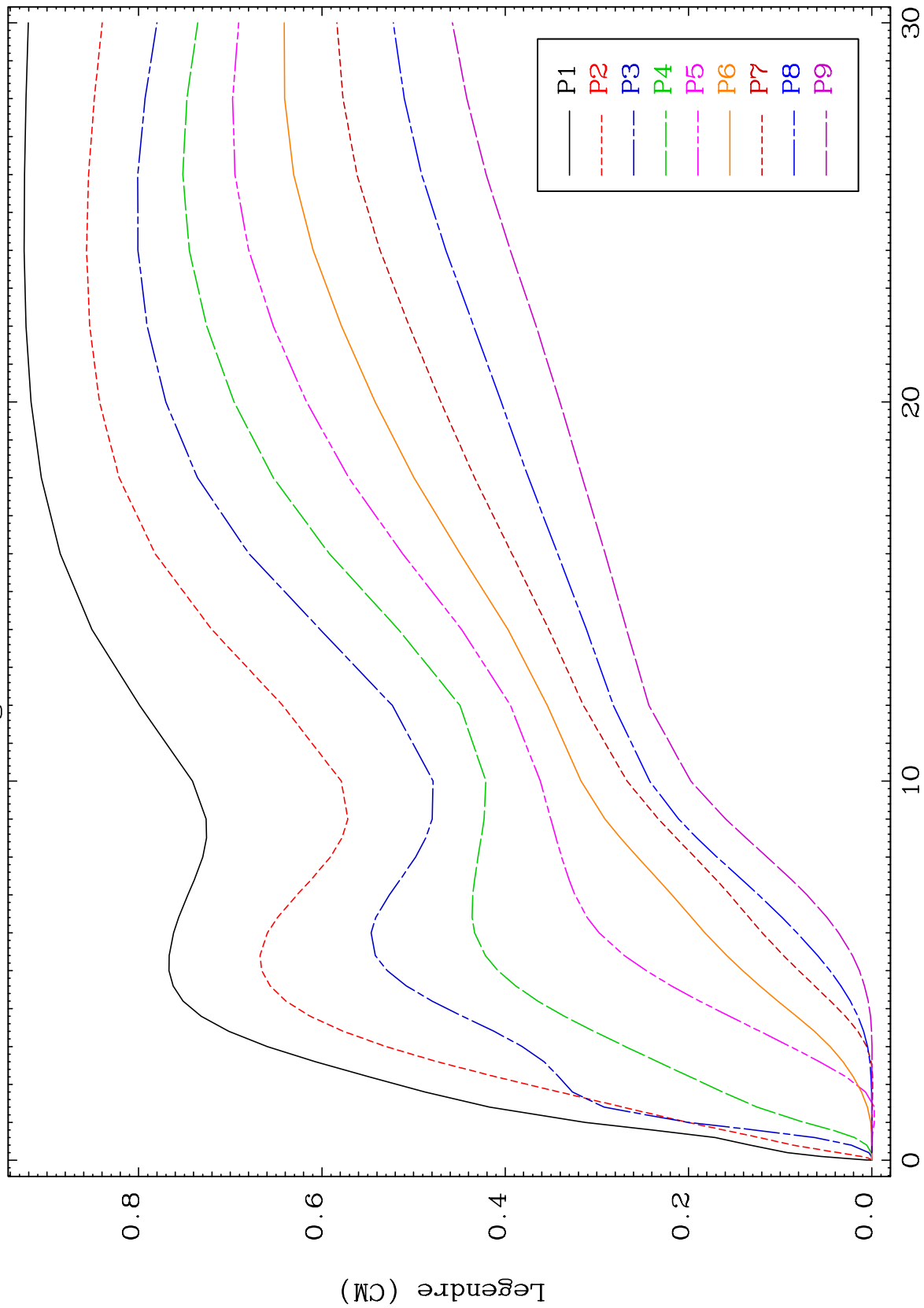
15

76-Os-197

MAT 7664

Elastic Legendre Coefficients

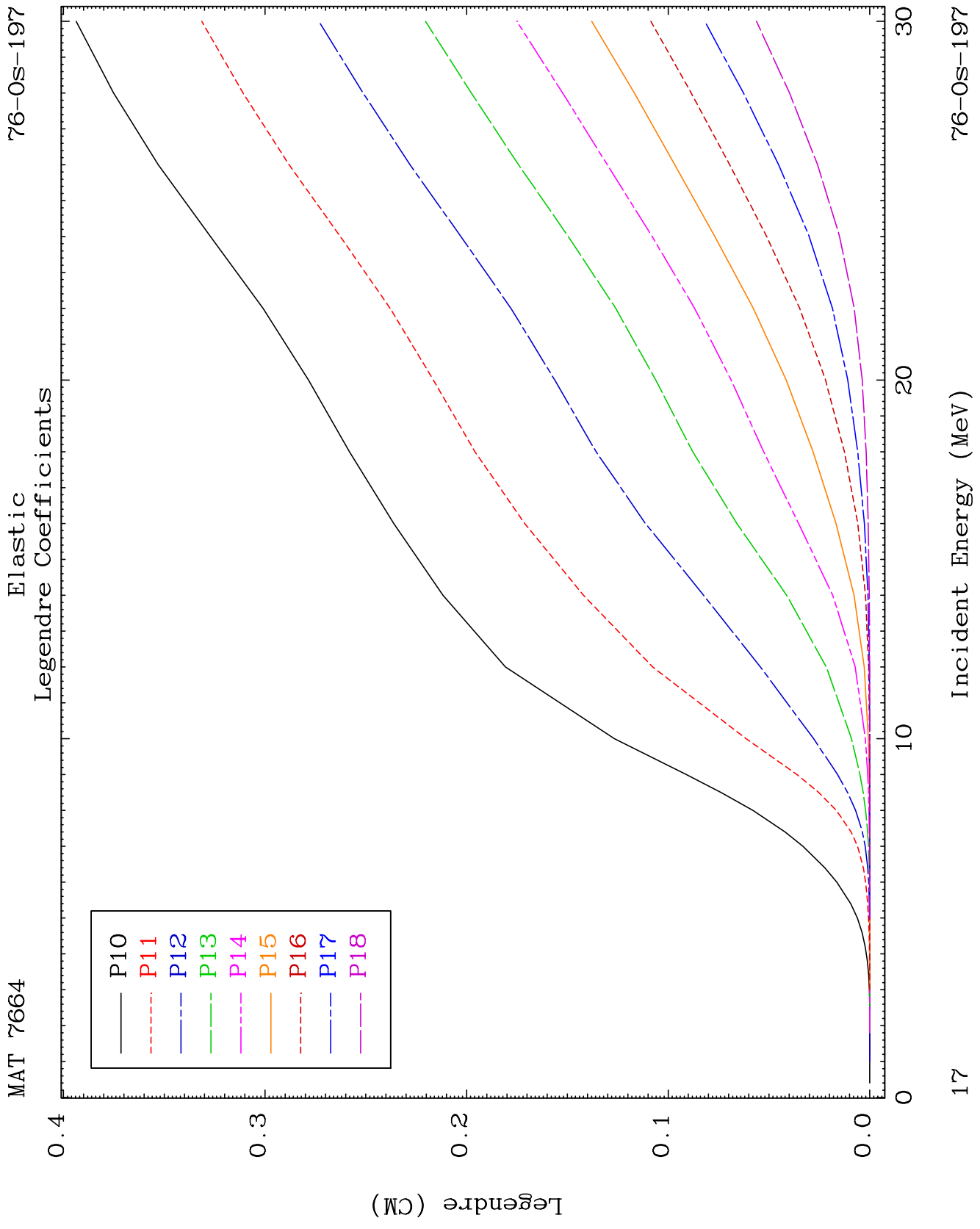
76-Os-197



16

Incident Energy (MeV)

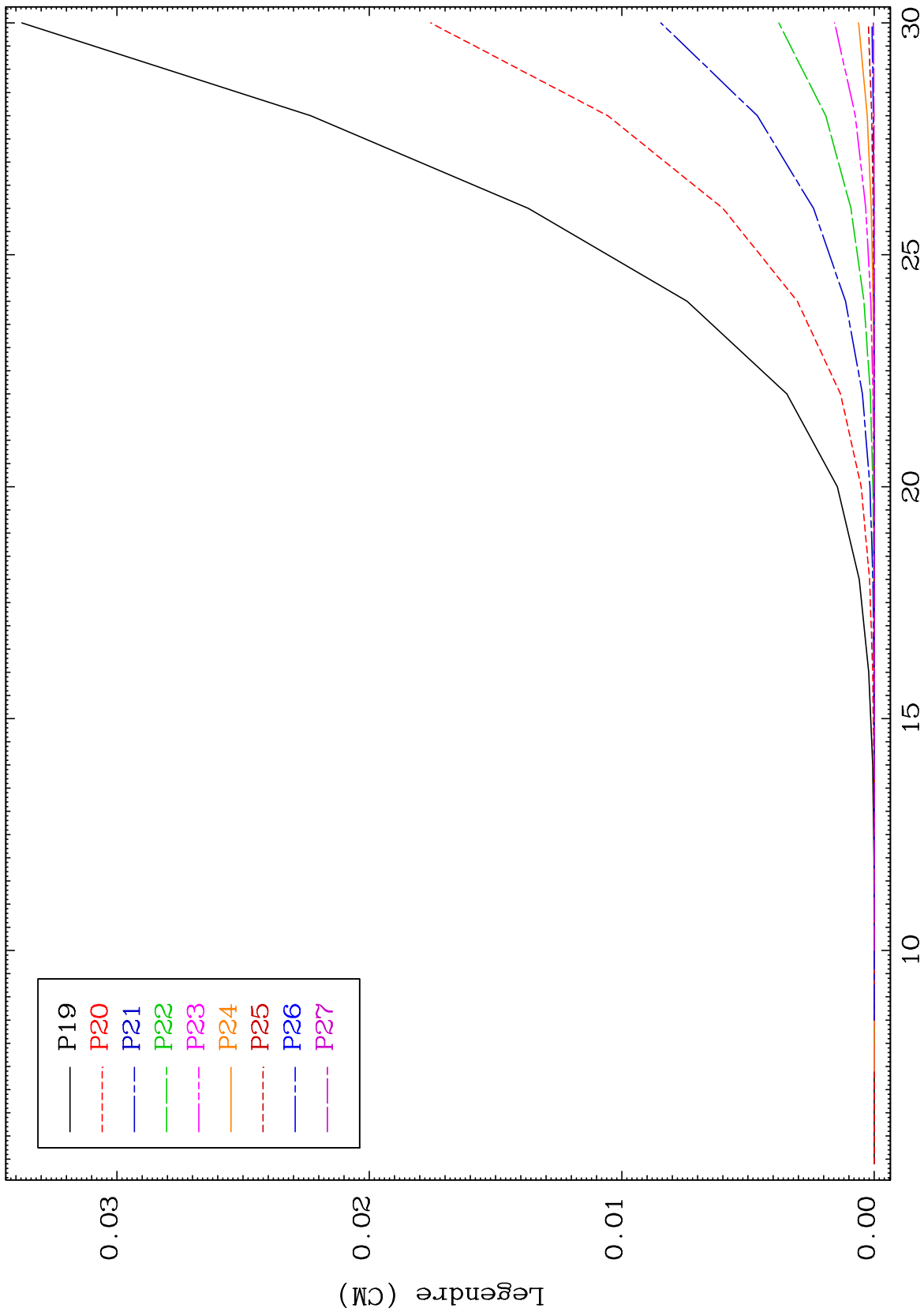
76-Os-197



MAT 7664

Elastic Legendre Coefficients

76-0s-197



18

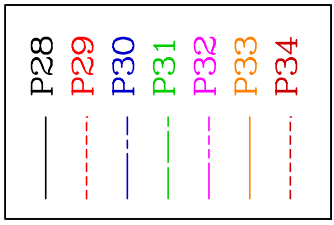
Incident Energy (MeV)

76-0s-197

MAT 7664

Elastic Legendre Coefficients

76-0s-197



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

Legendre (CM)

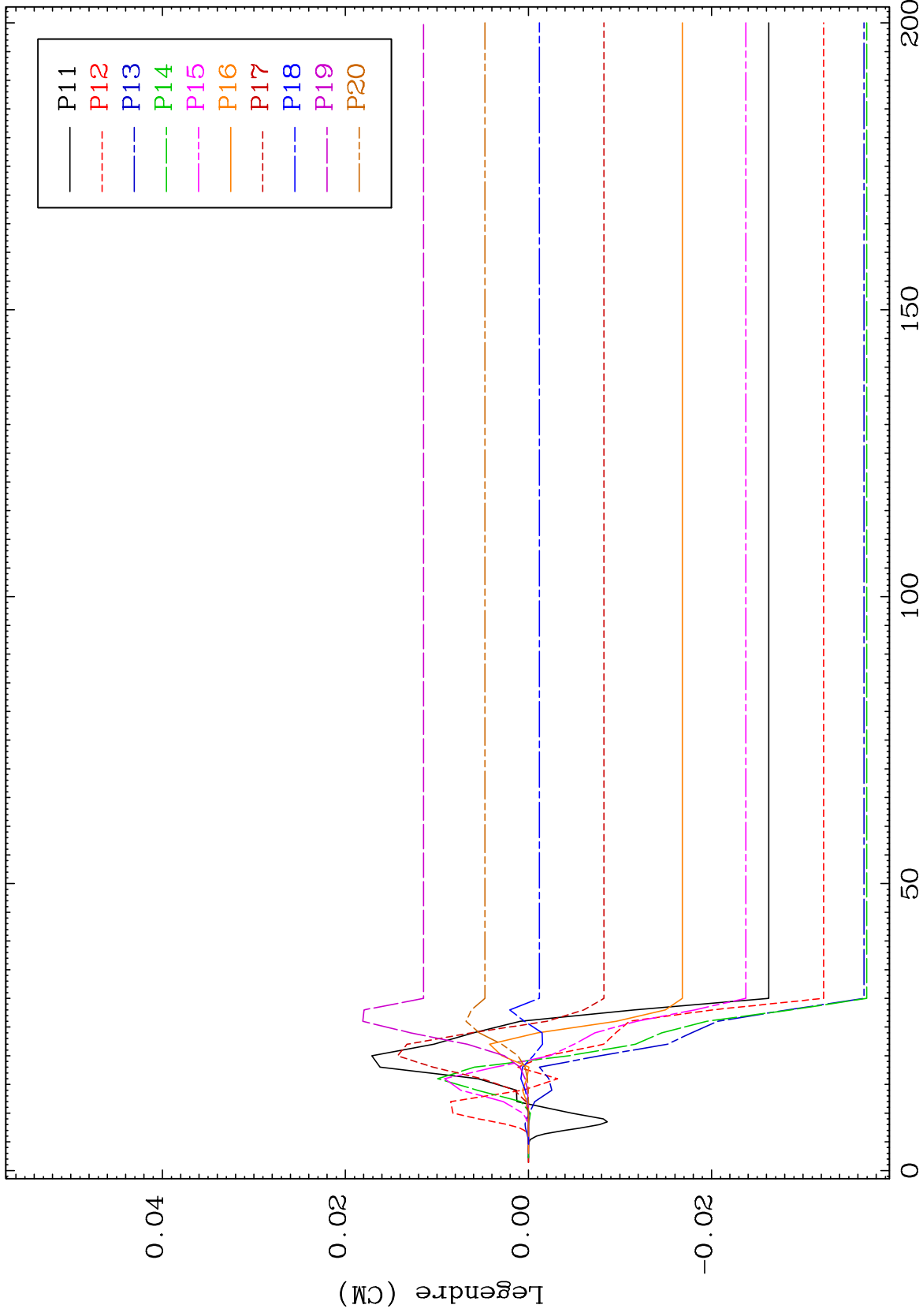


19

MAT 7664

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

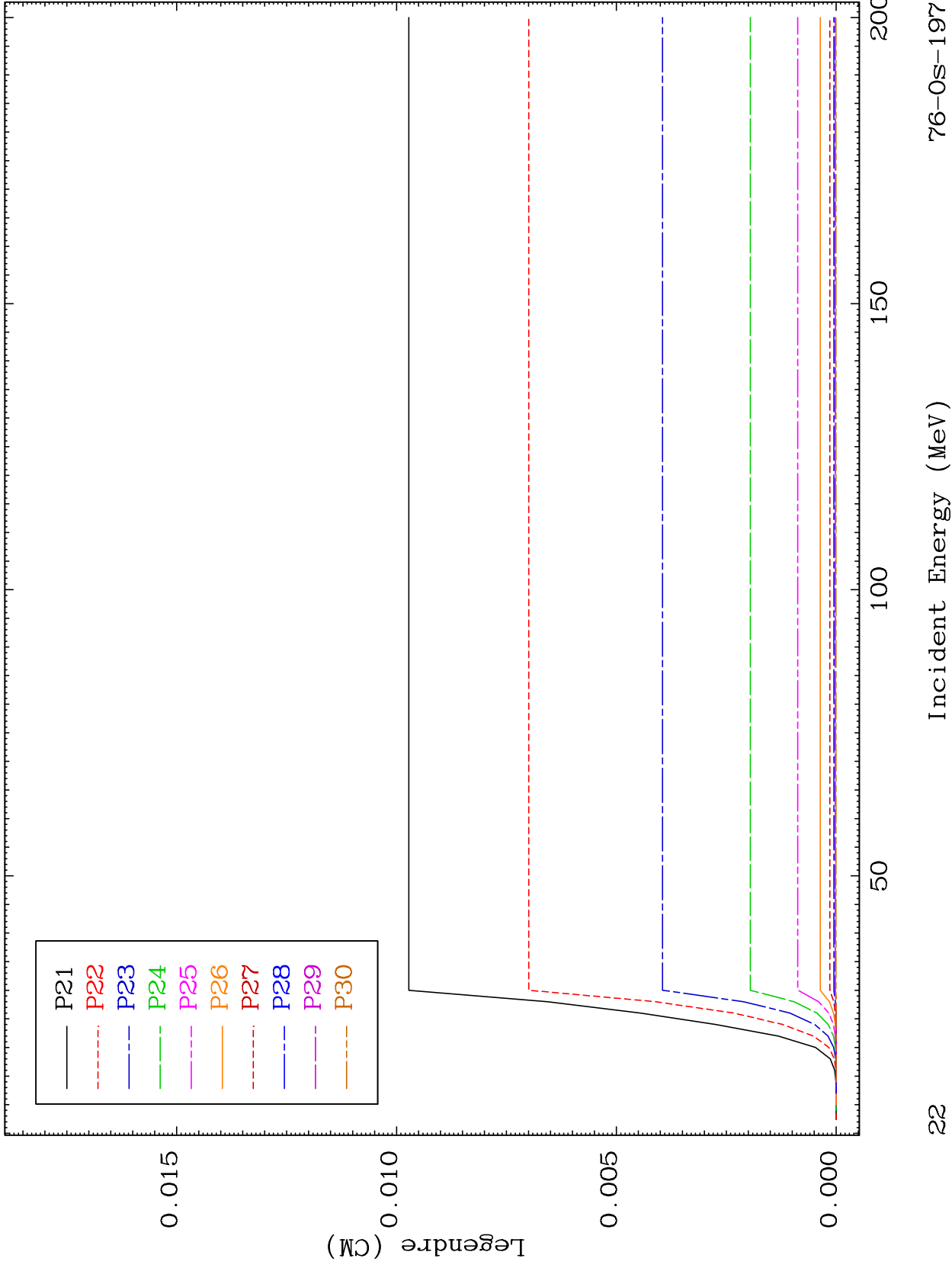
76-Os-197

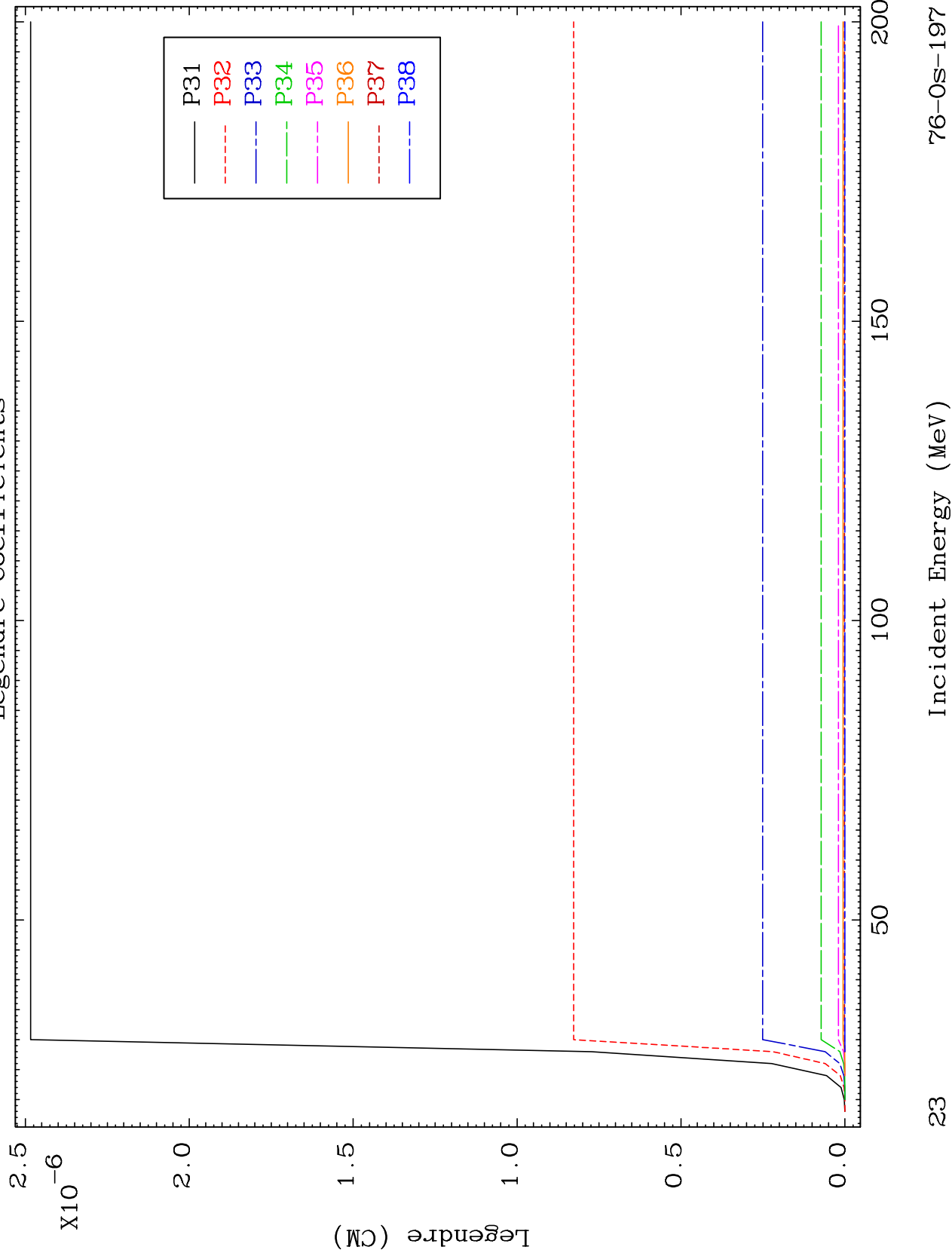


21

Incident Energy (MeV)

76-Os-197

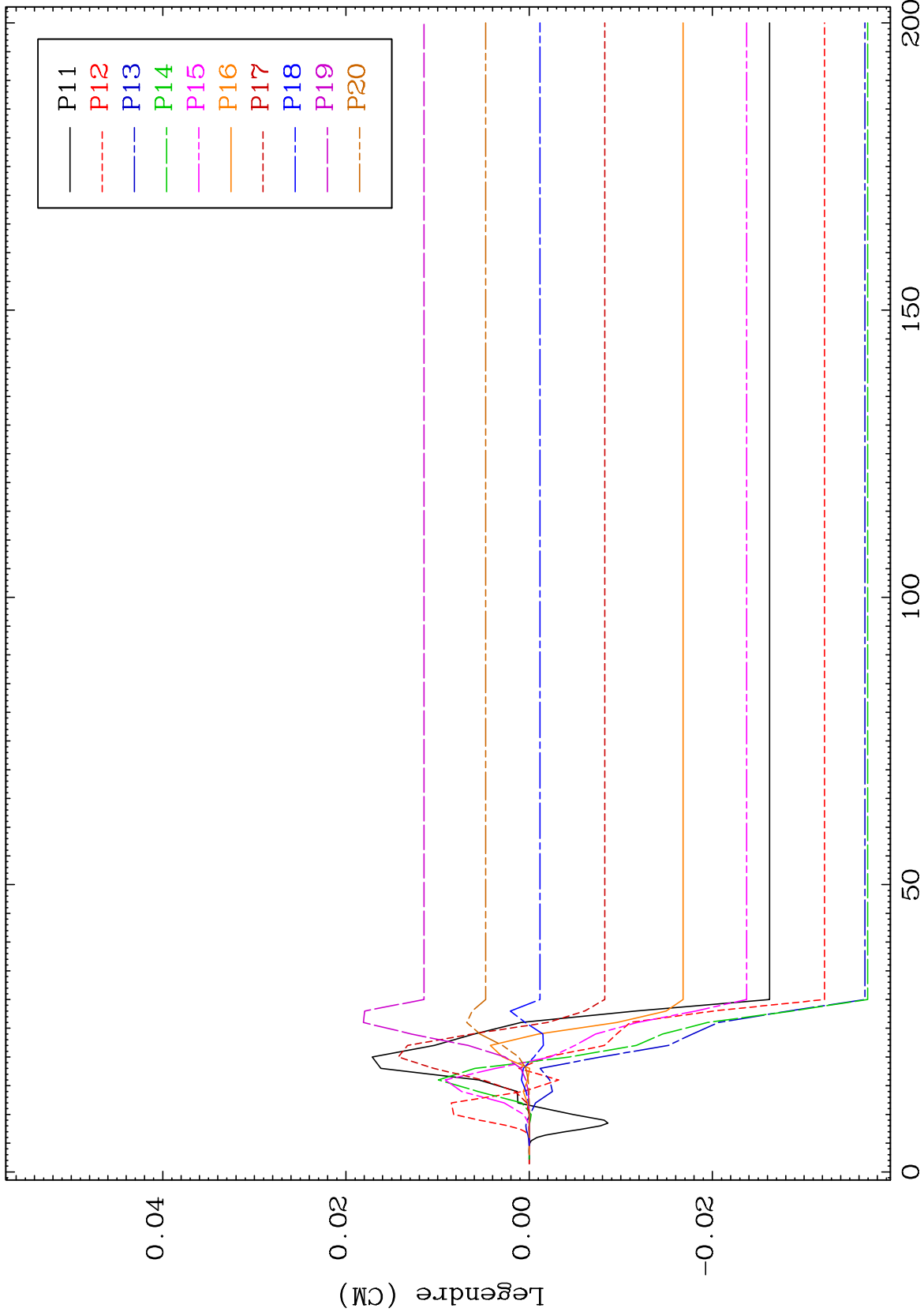




MAT 7664

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

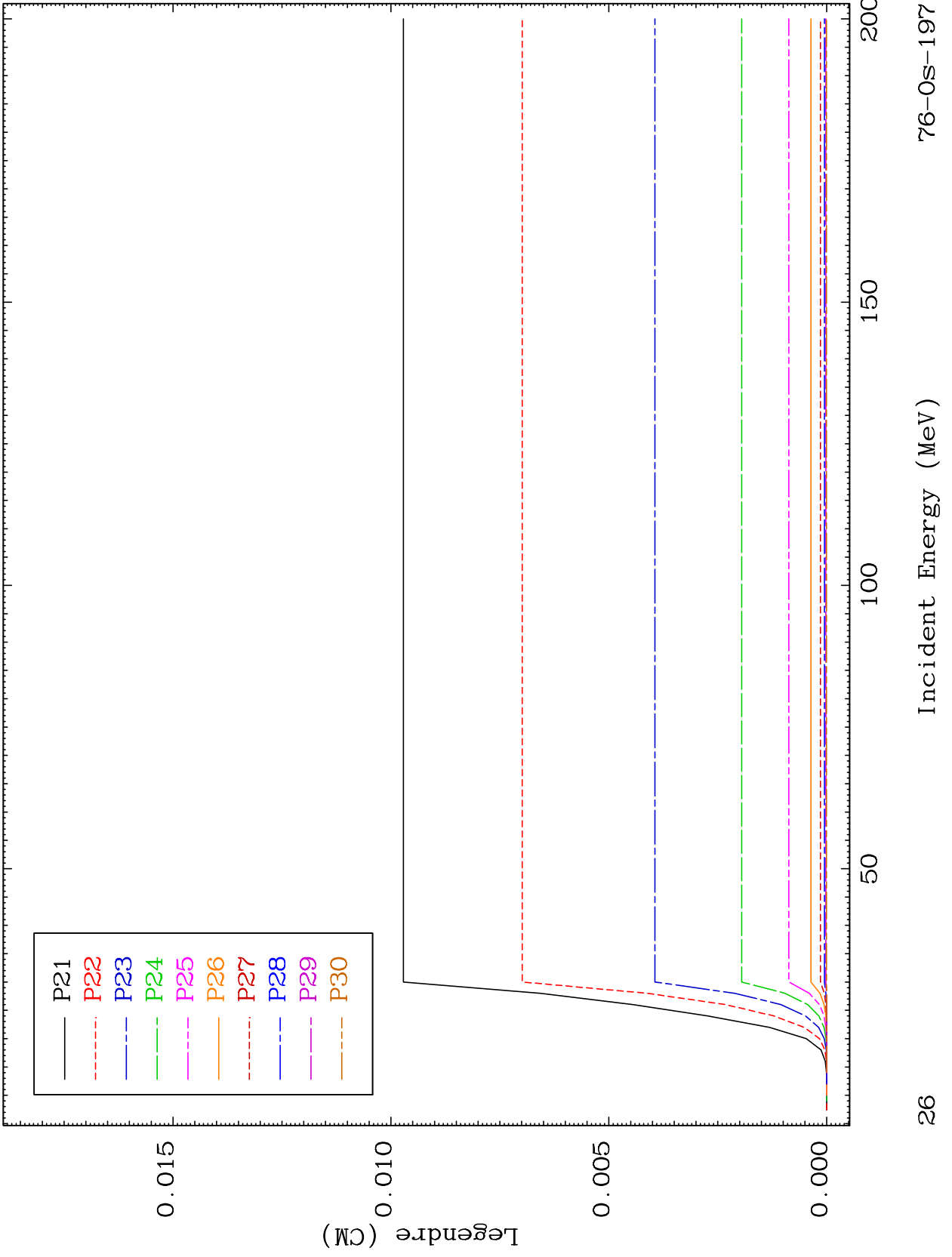
76-Os-197

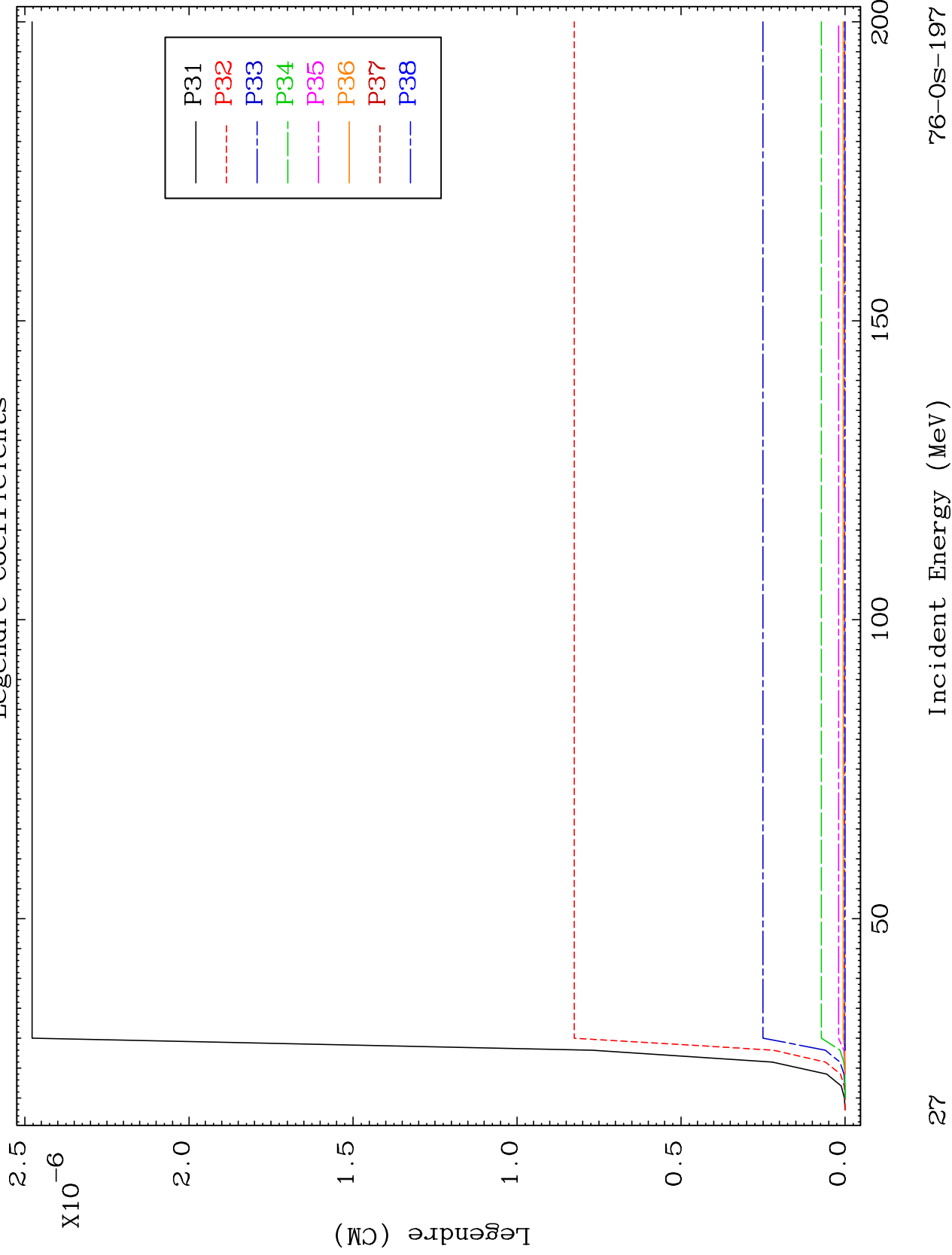


25

Incident Energy (MeV)

76-Os-197

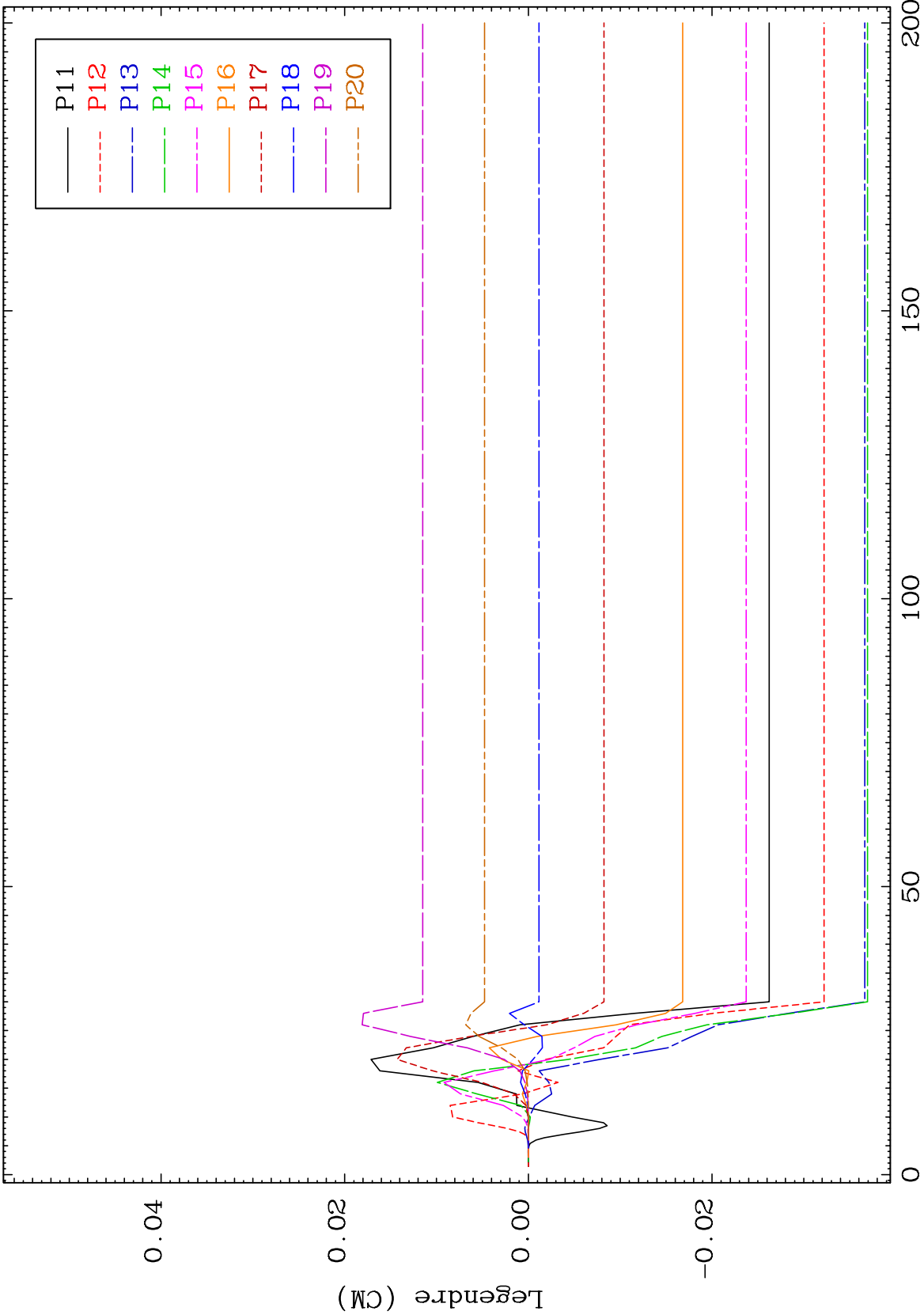




MAT 7664

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

76-Os-197



29

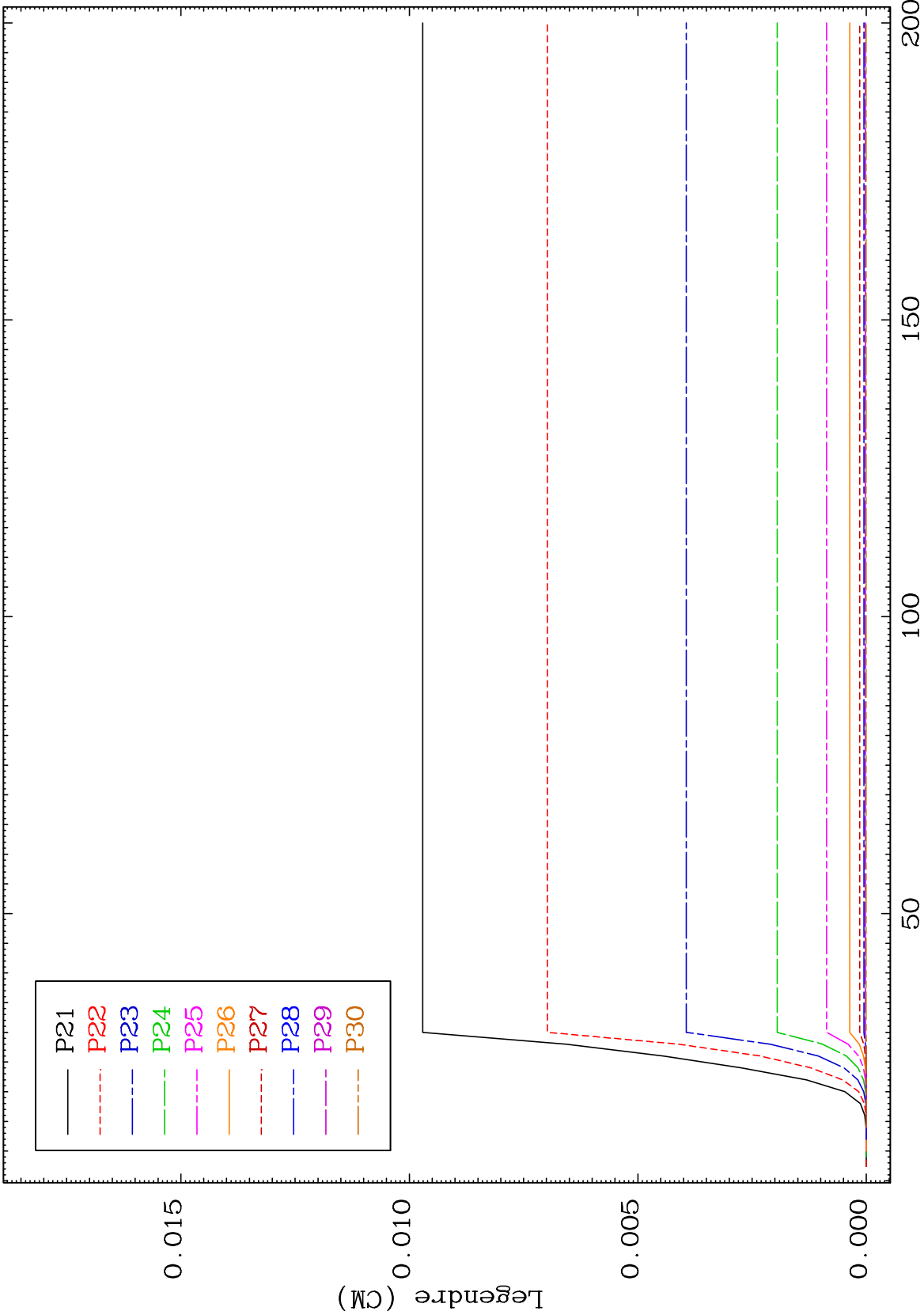
Incident Energy (MeV)

76-Os-197

MAT 7664

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

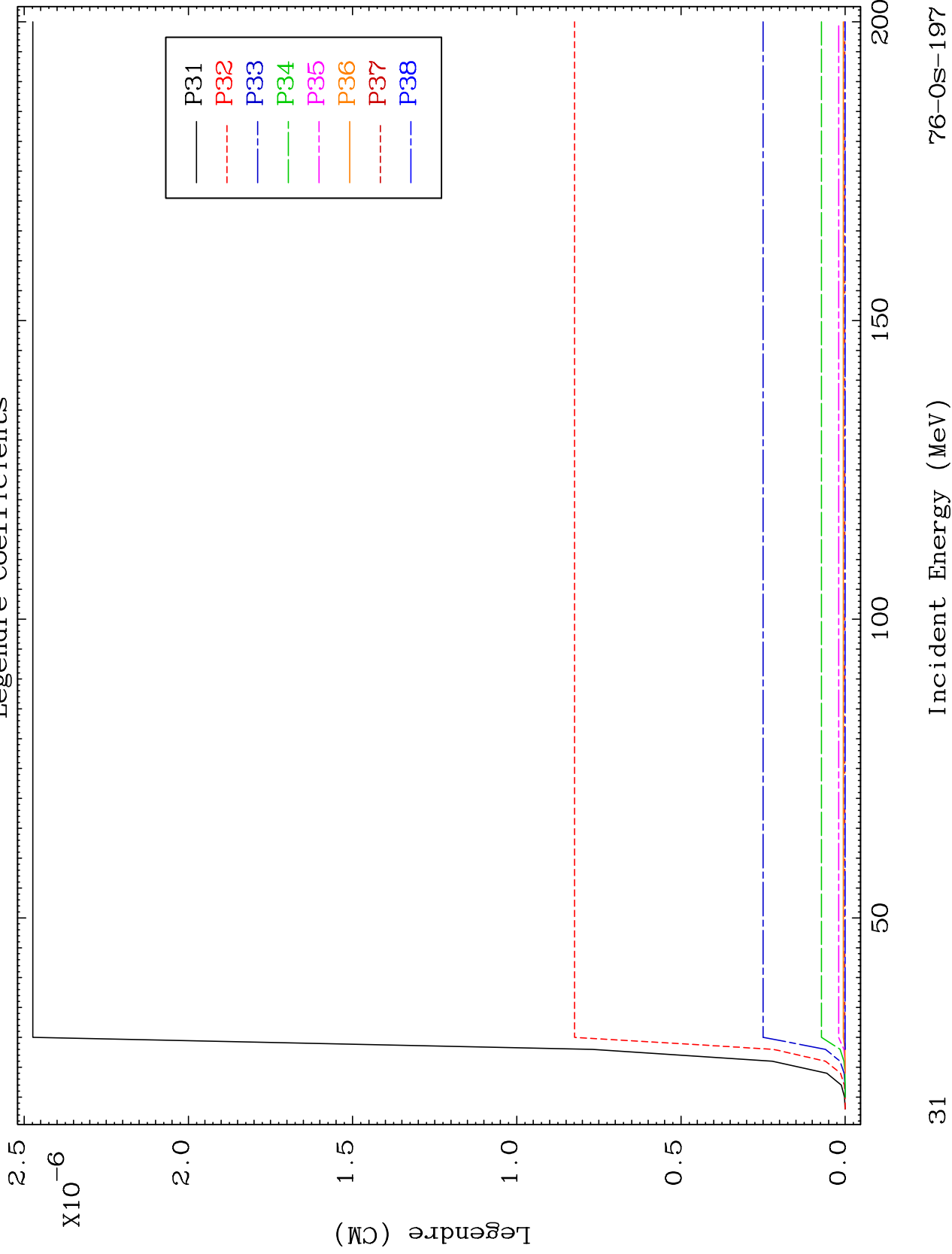
76-0s-197



30

Incident Energy (MeV)

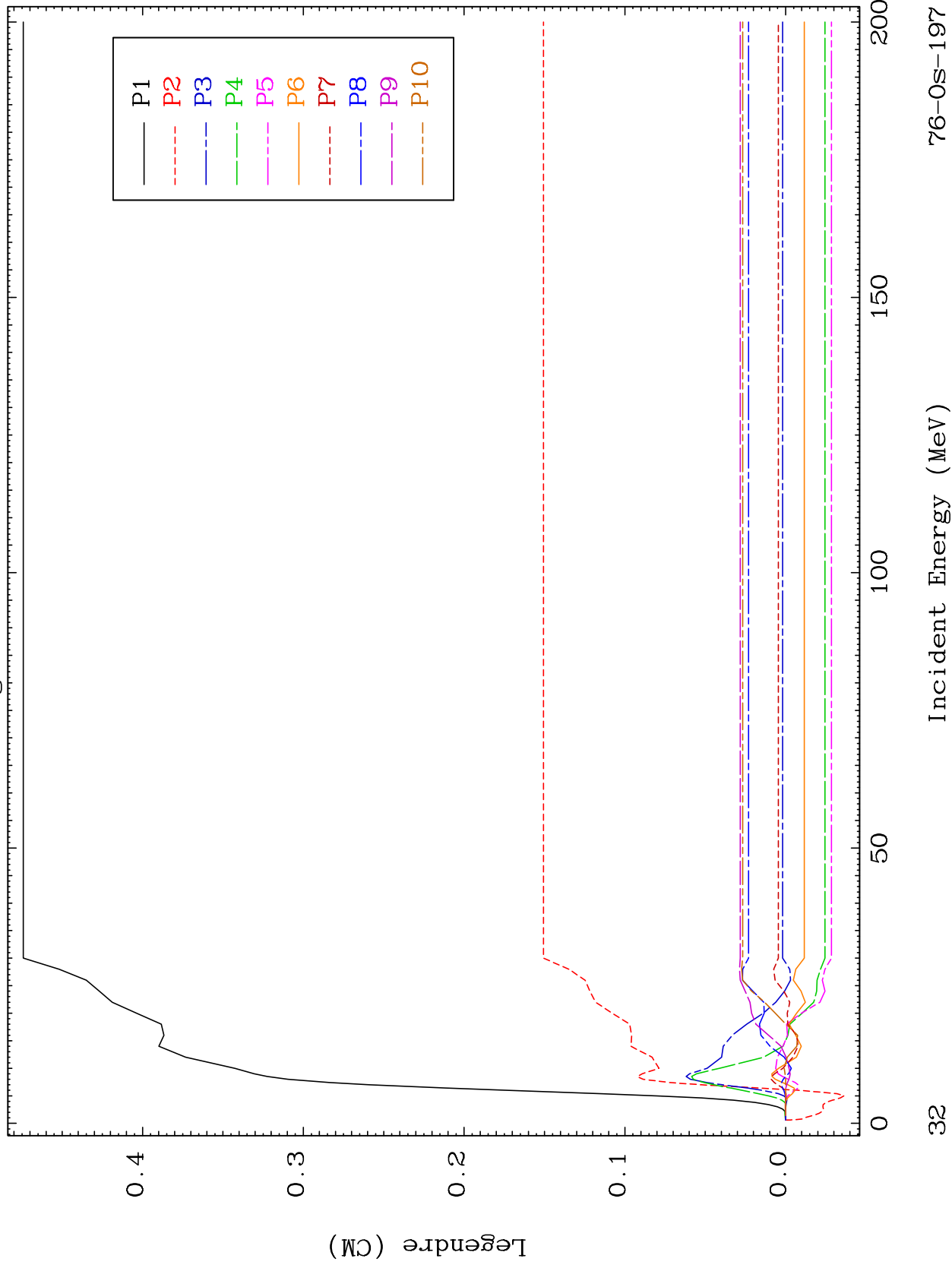
76-0s-197



MAT 7664

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

76-Os-197



32

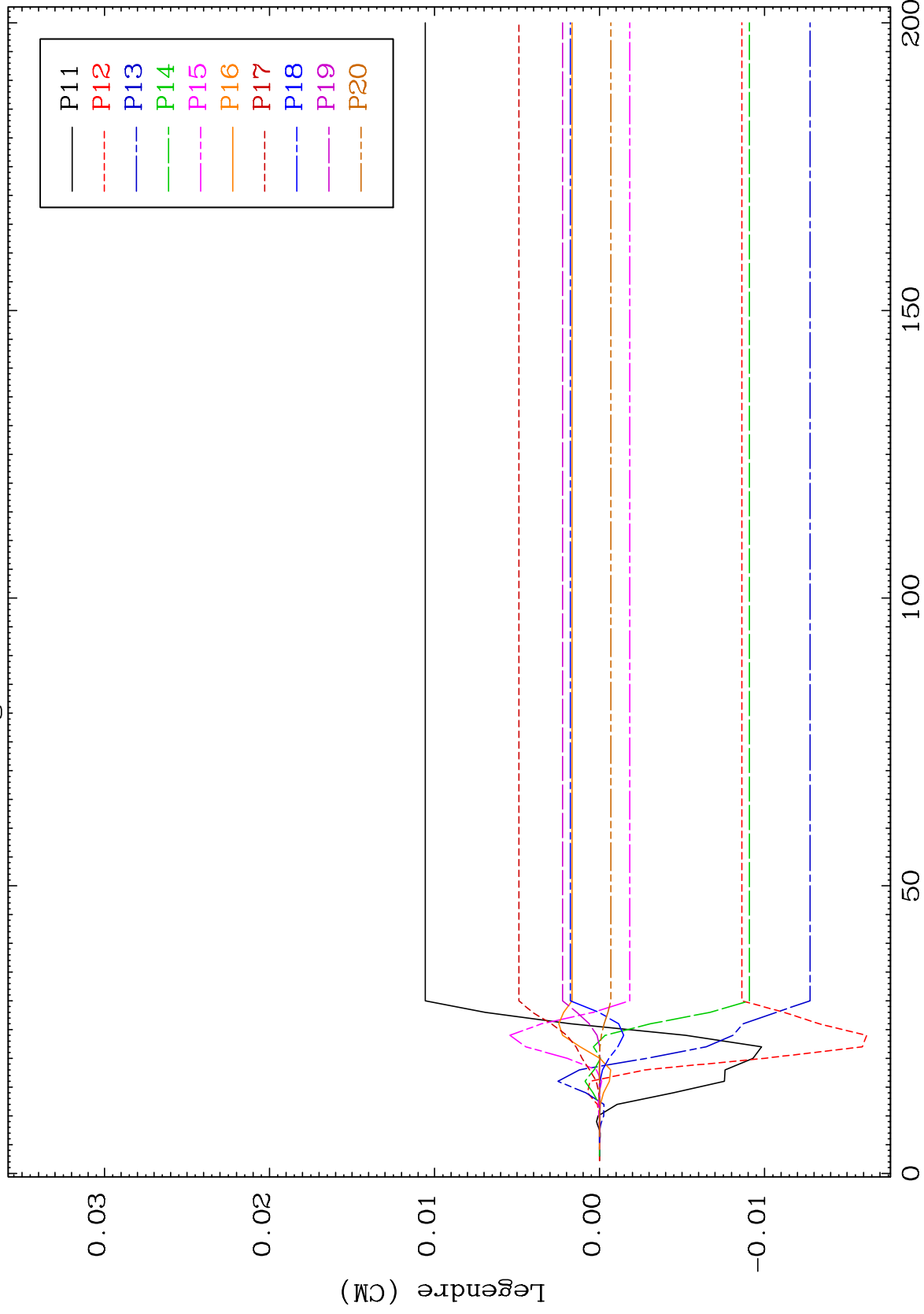
Incident Energy (MeV)

76-Os-197

MAT 7664

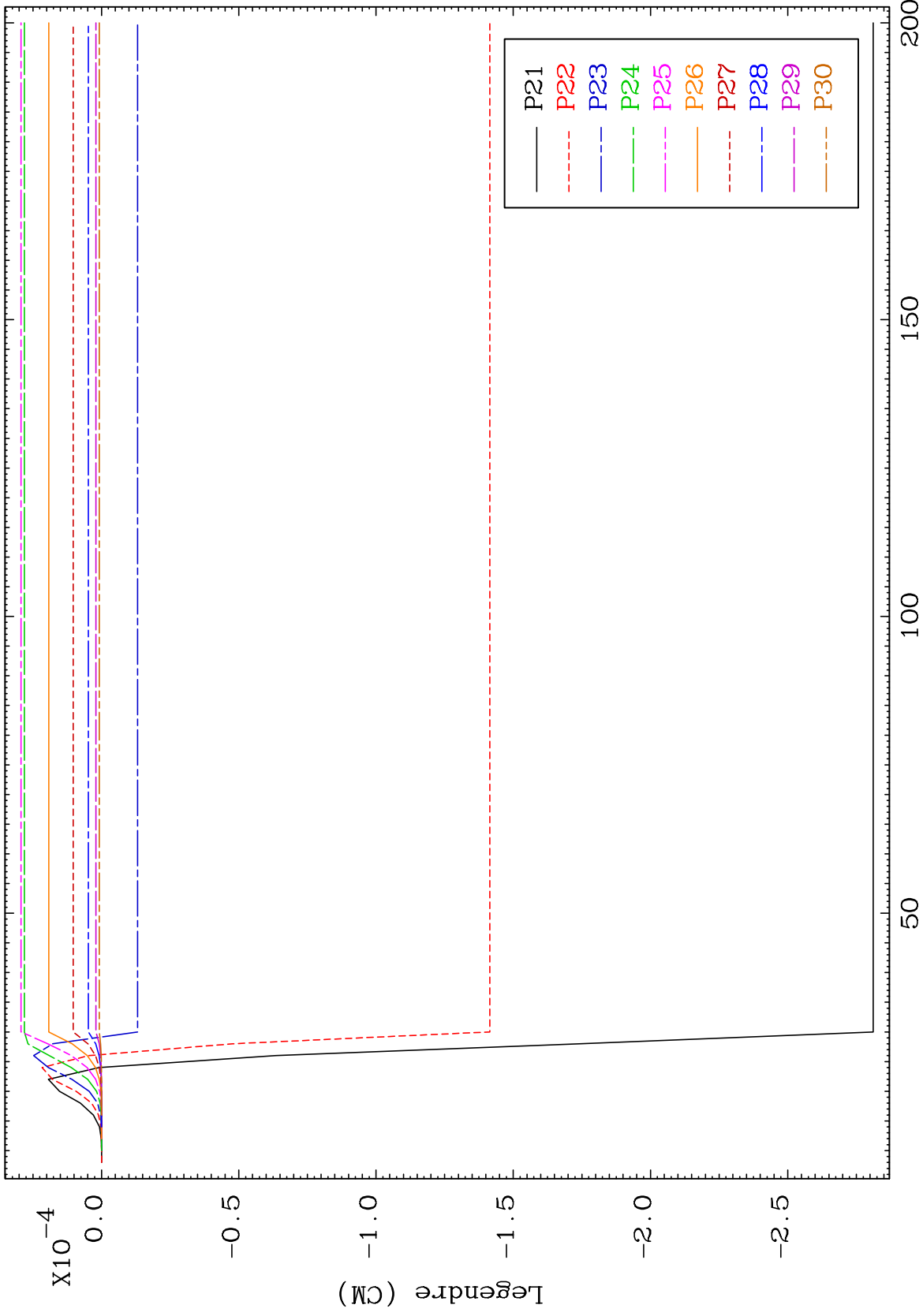
MT= 54 (n,n') Level
Legendre Coefficients

76-Os-197



33

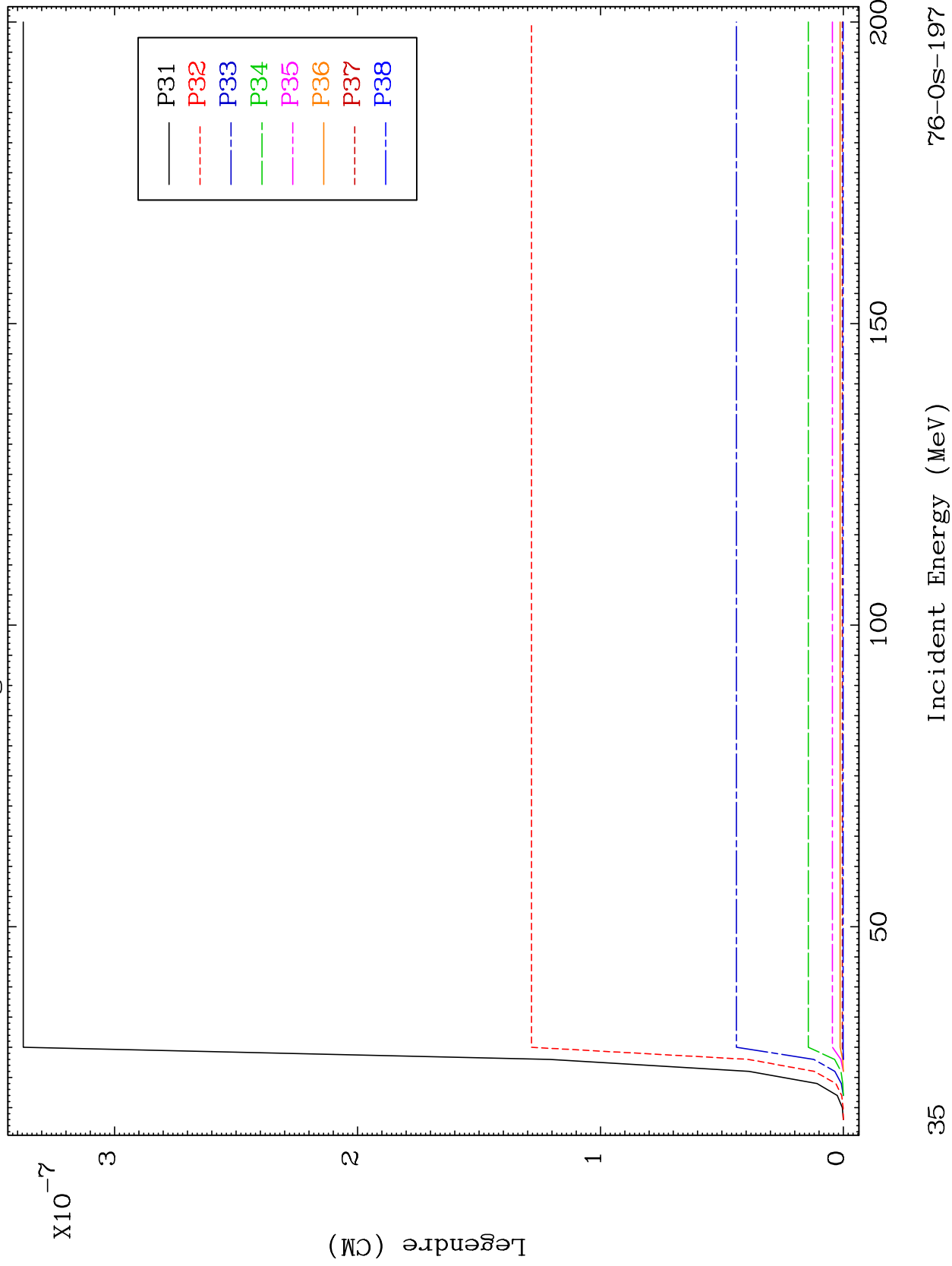
76-Os-197



MAT 7664

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

76-Os-197



35

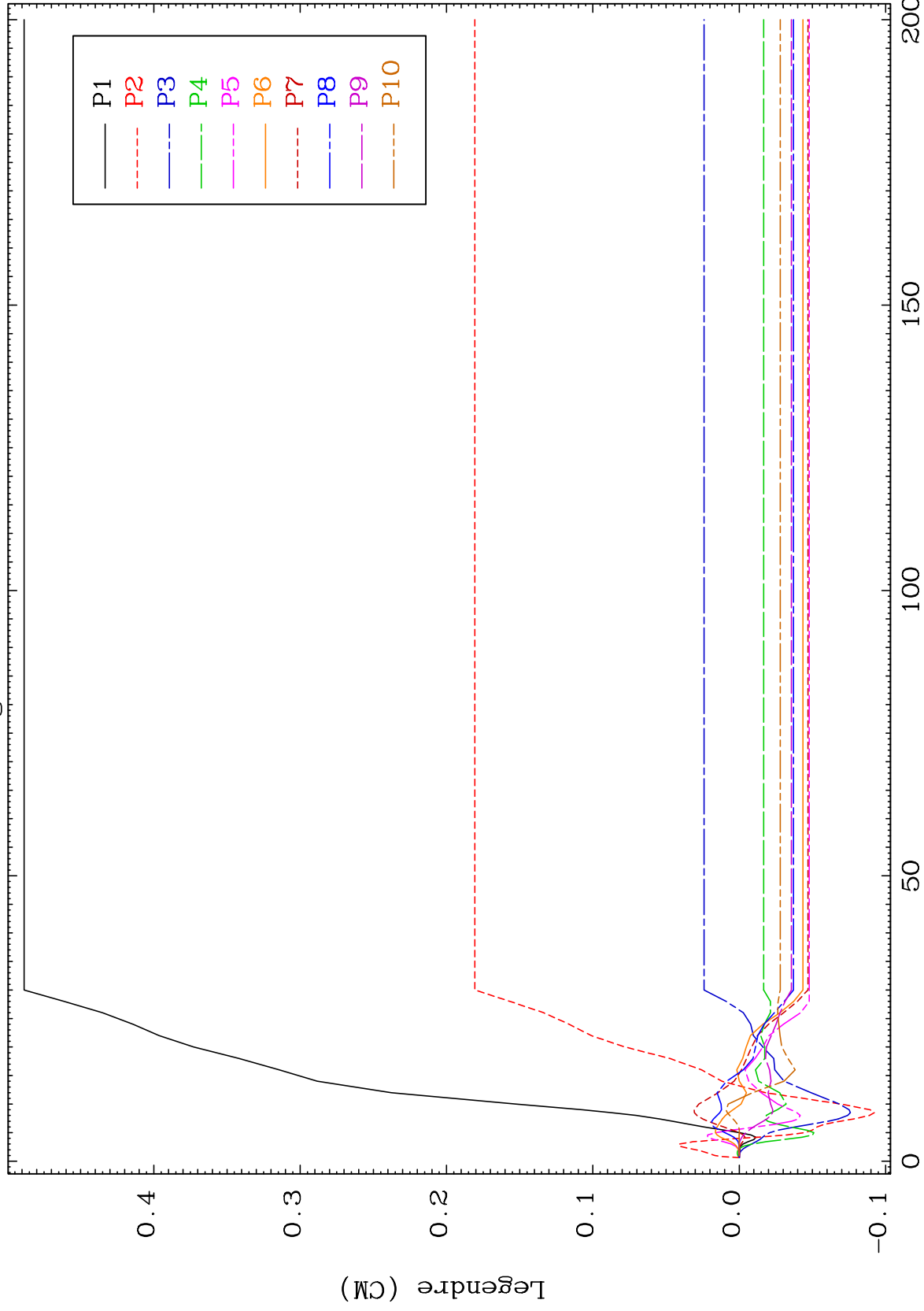
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



36

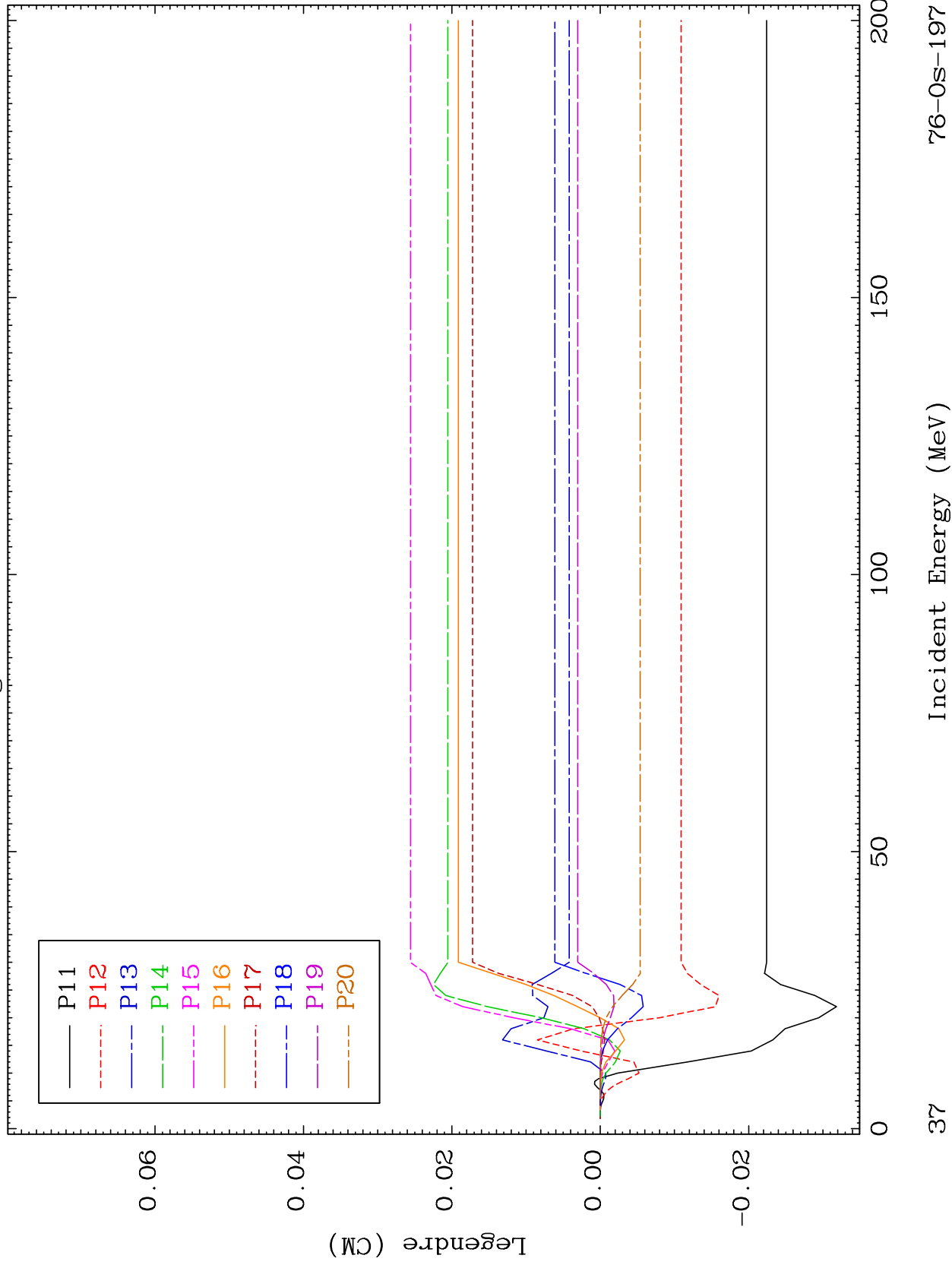
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-0s-197



37

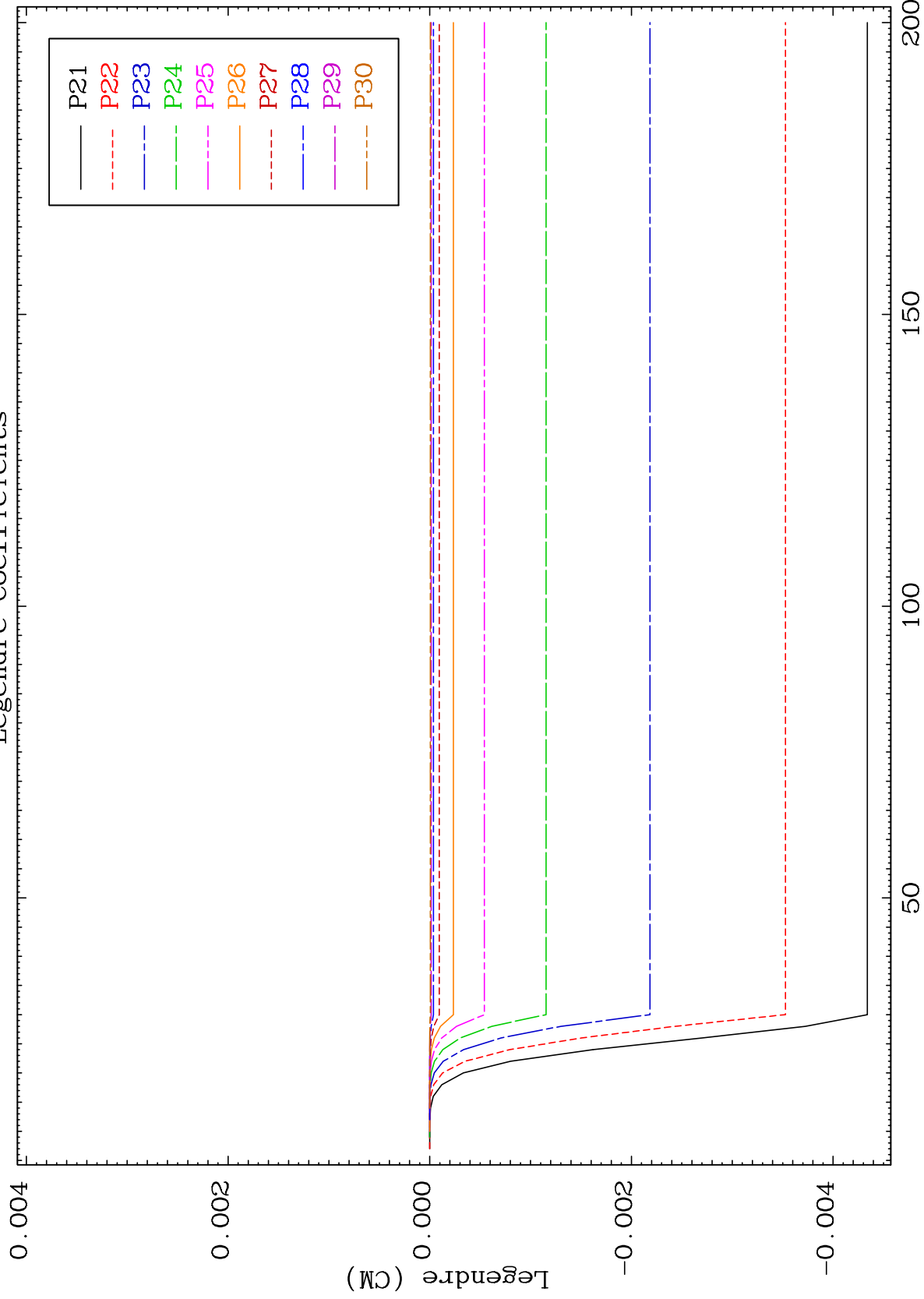
Incident Energy (MeV)

76-0s-197

MAT 7664

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

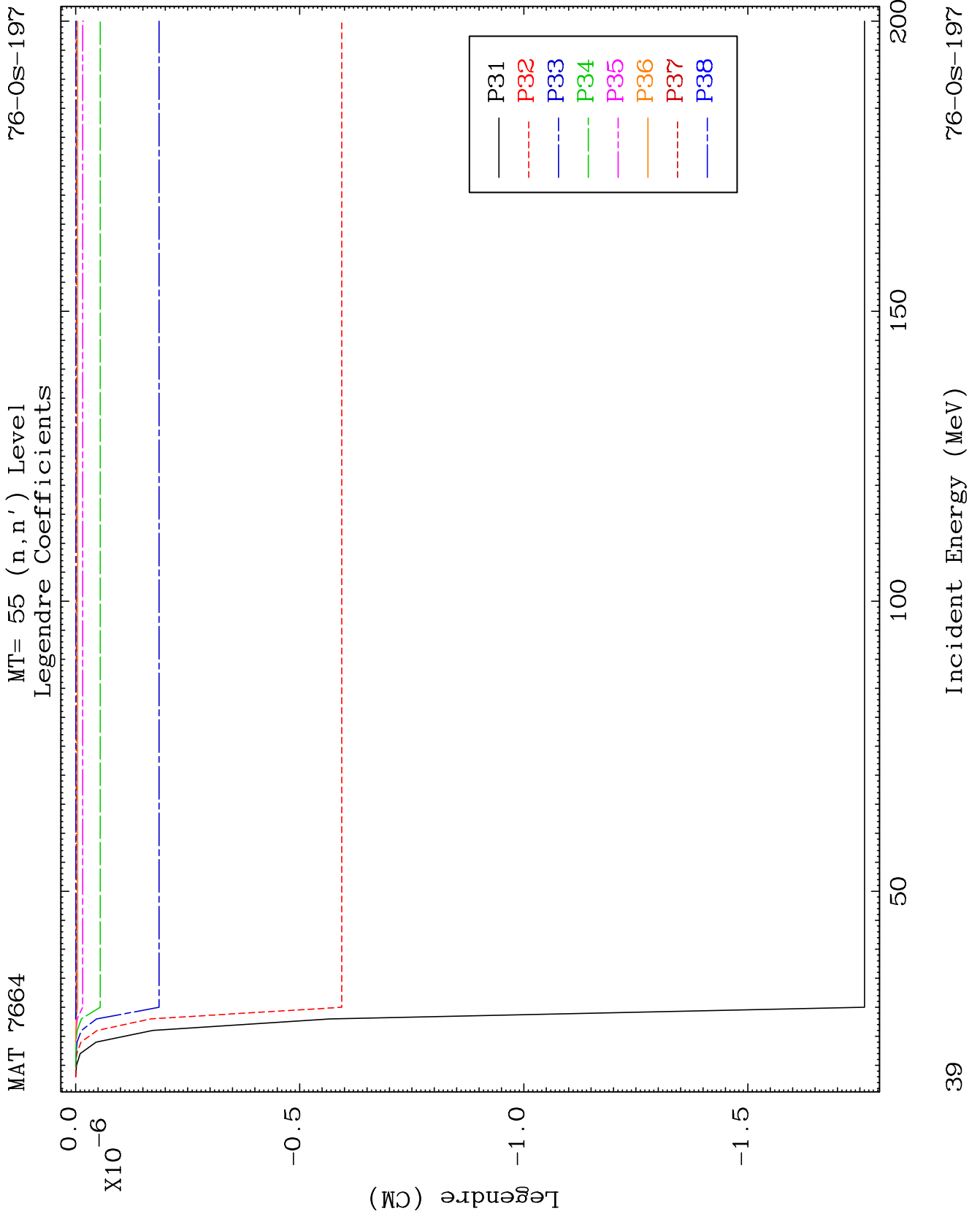
76-Os-197



38

Incident Energy (MeV)

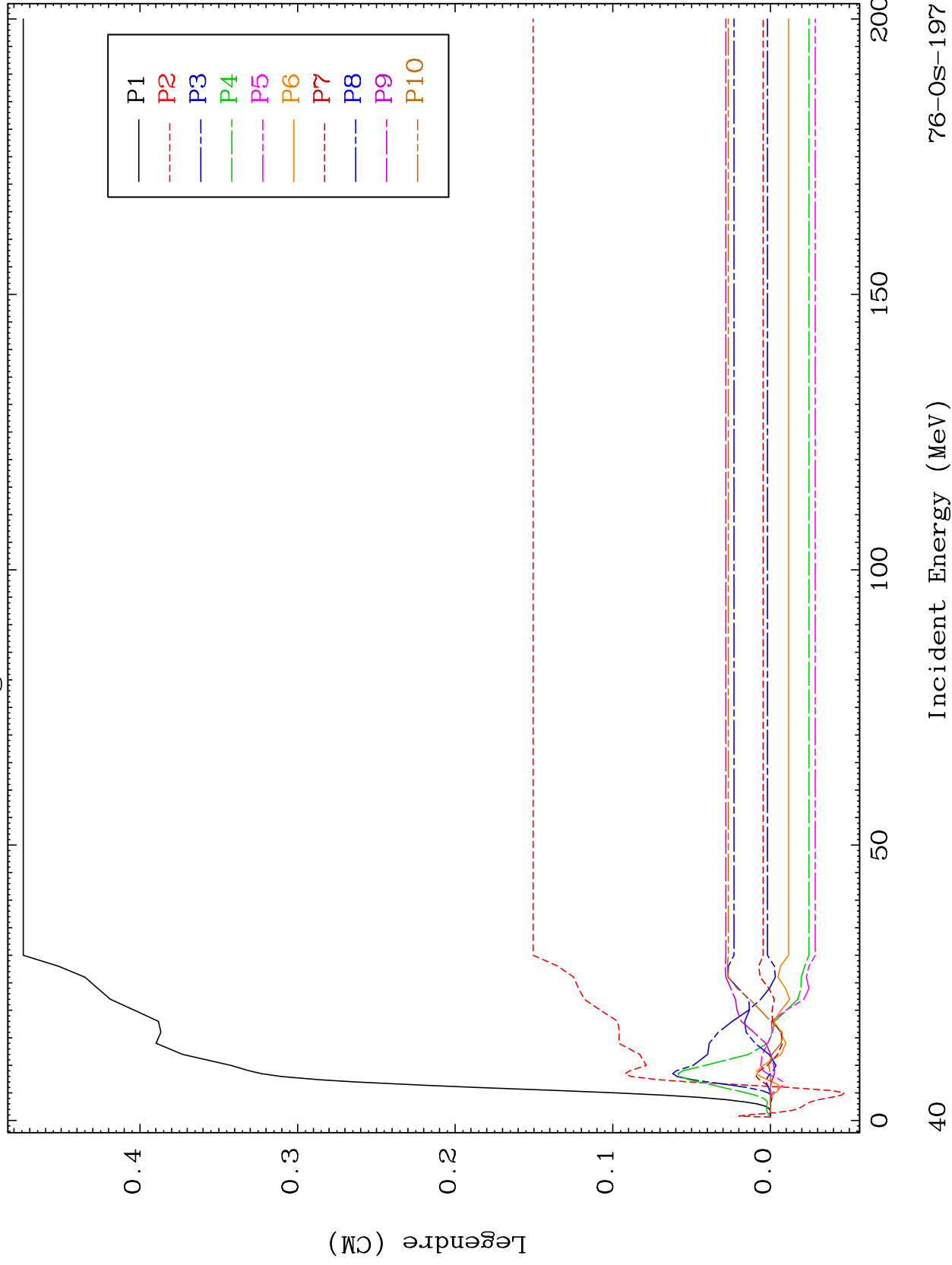
76-Os-197



MAT 7664

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

76-Os-197



76-Os-197

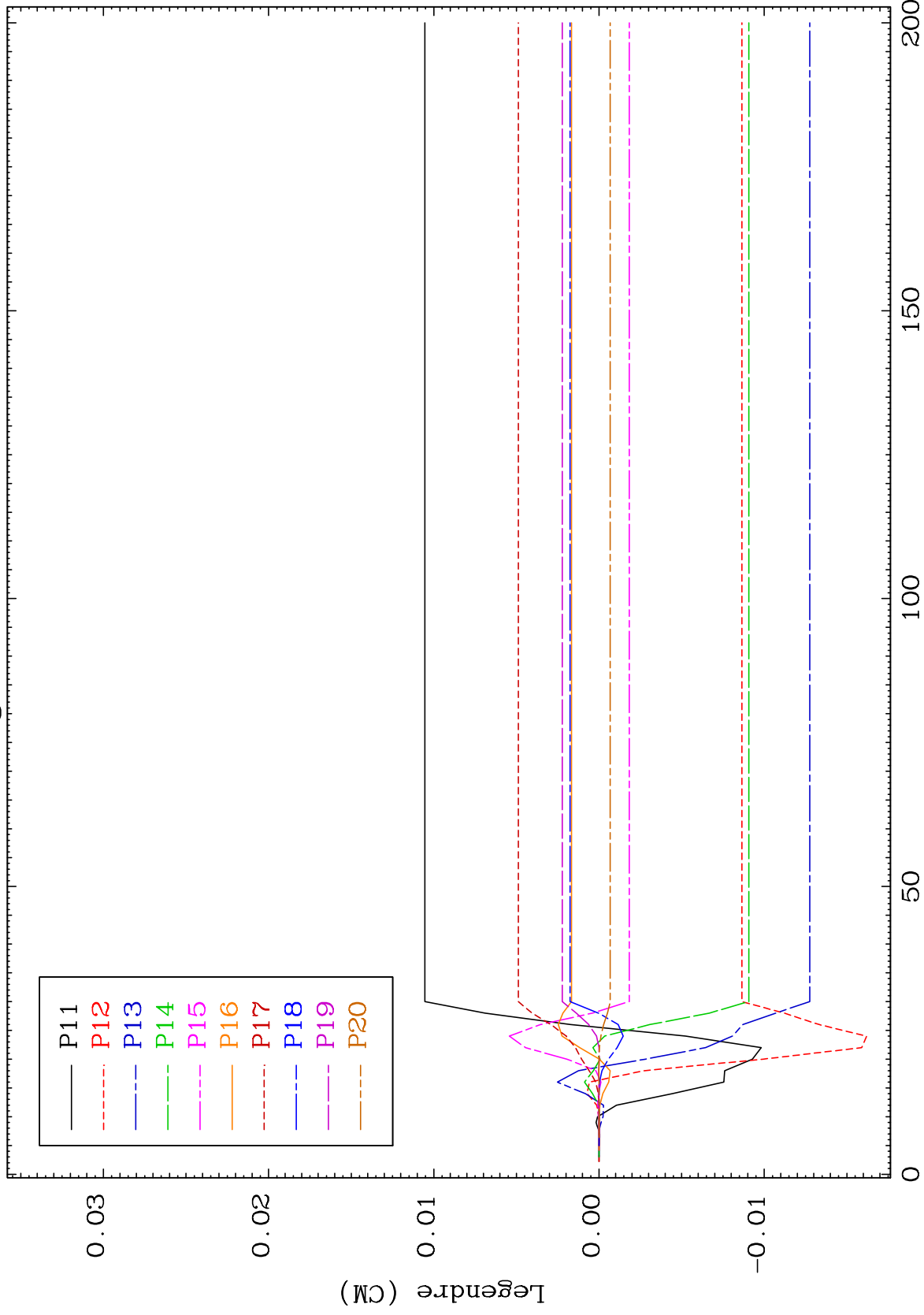
Incident Energy (MeV)

40

MAT 7664

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

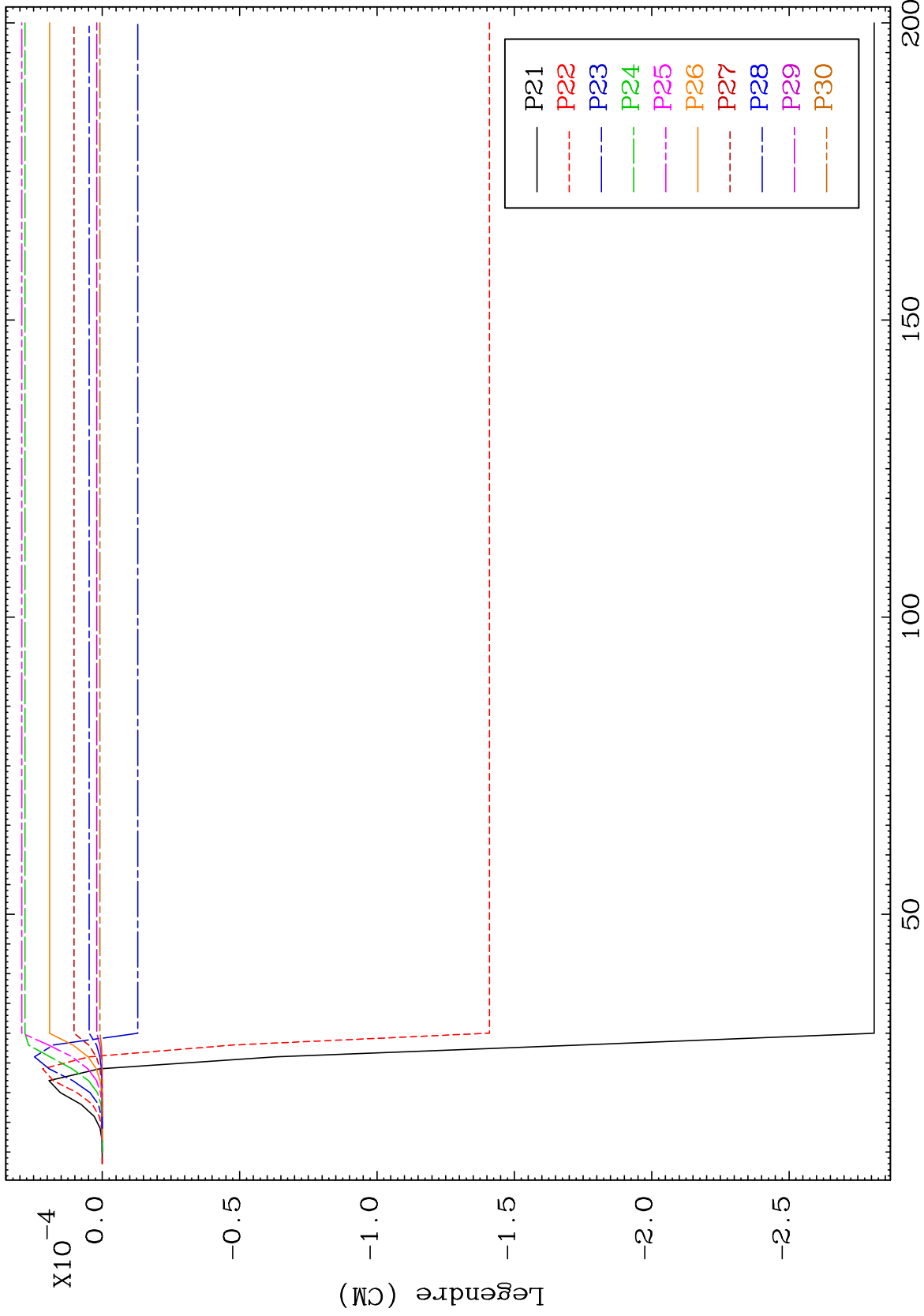
76-0s-197



41

Incident Energy (MeV)

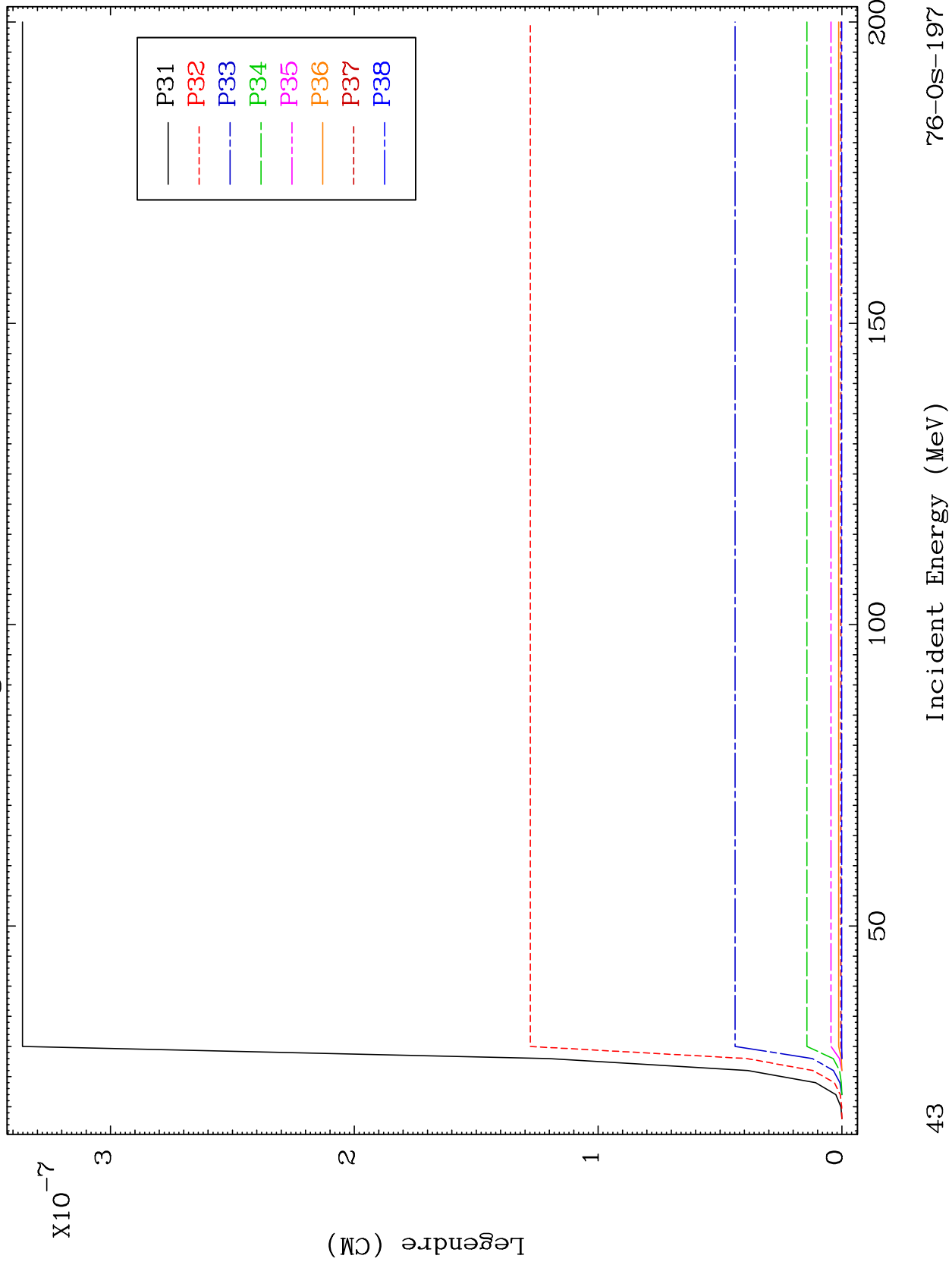
76-0s-197



MAT 7664

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

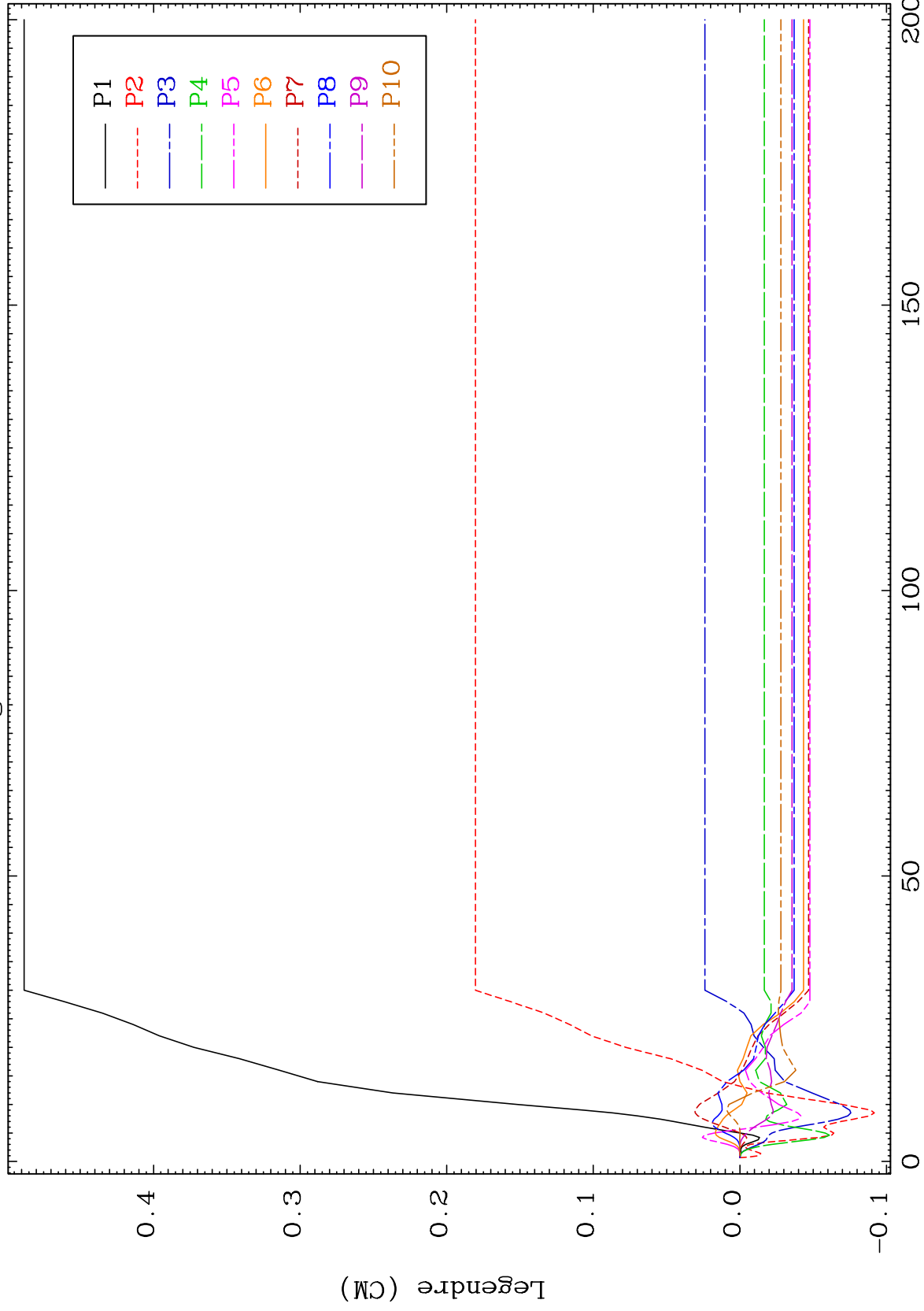
76-Os-197



MAT 7664

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

76-0s-197



44

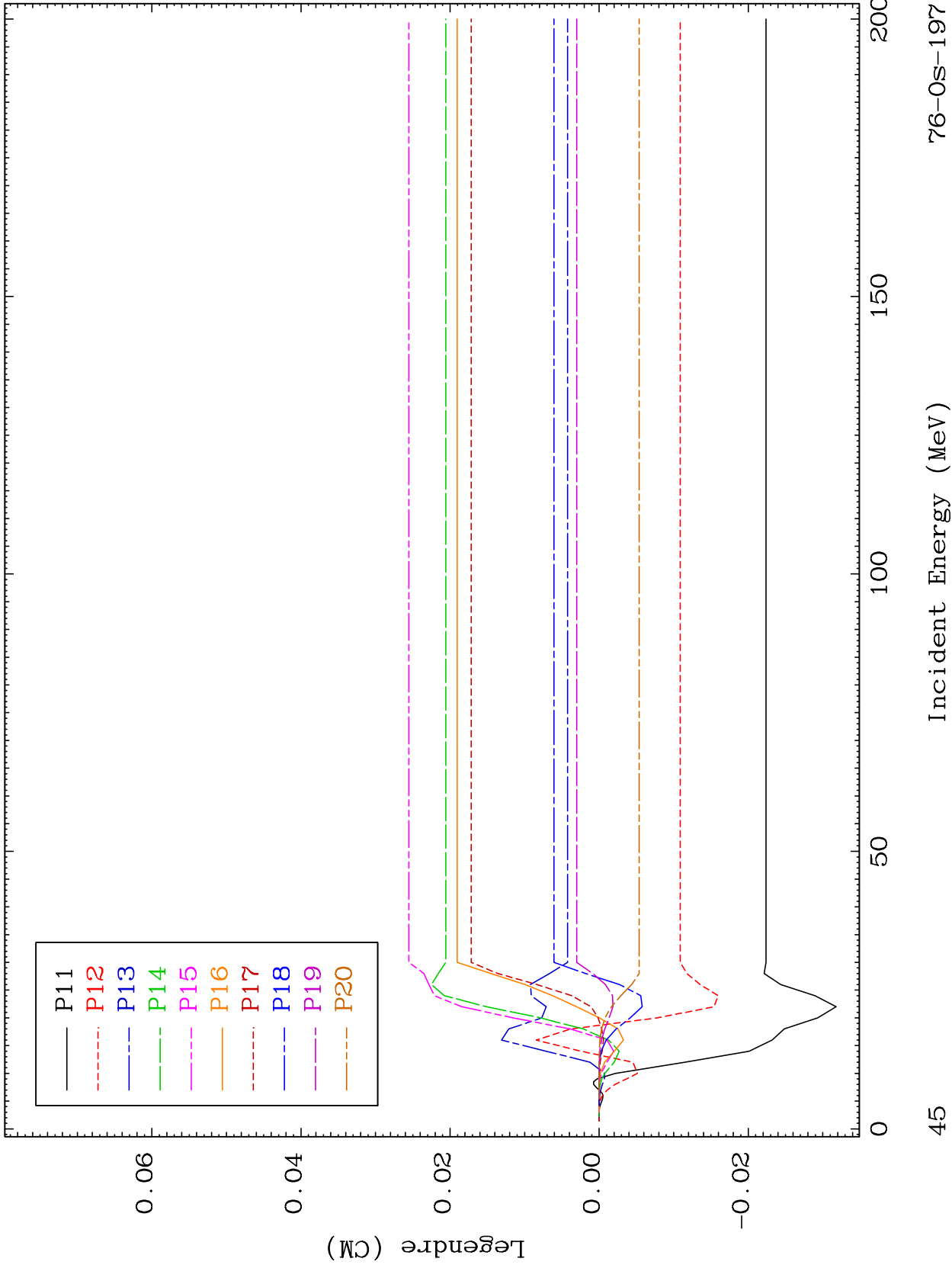
Incident Energy (MeV)

76-0s-197

MAT 7664

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

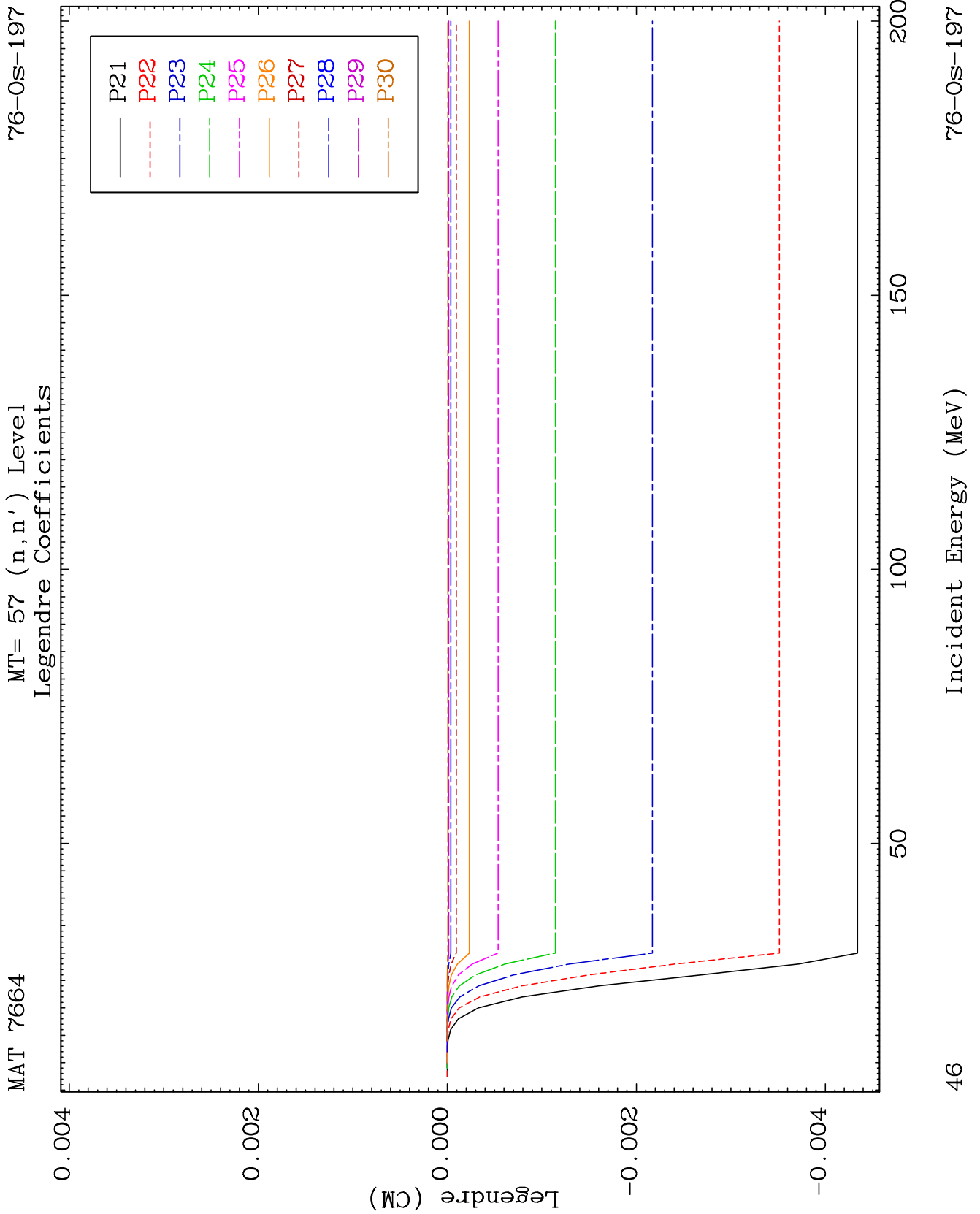
76-0s-197

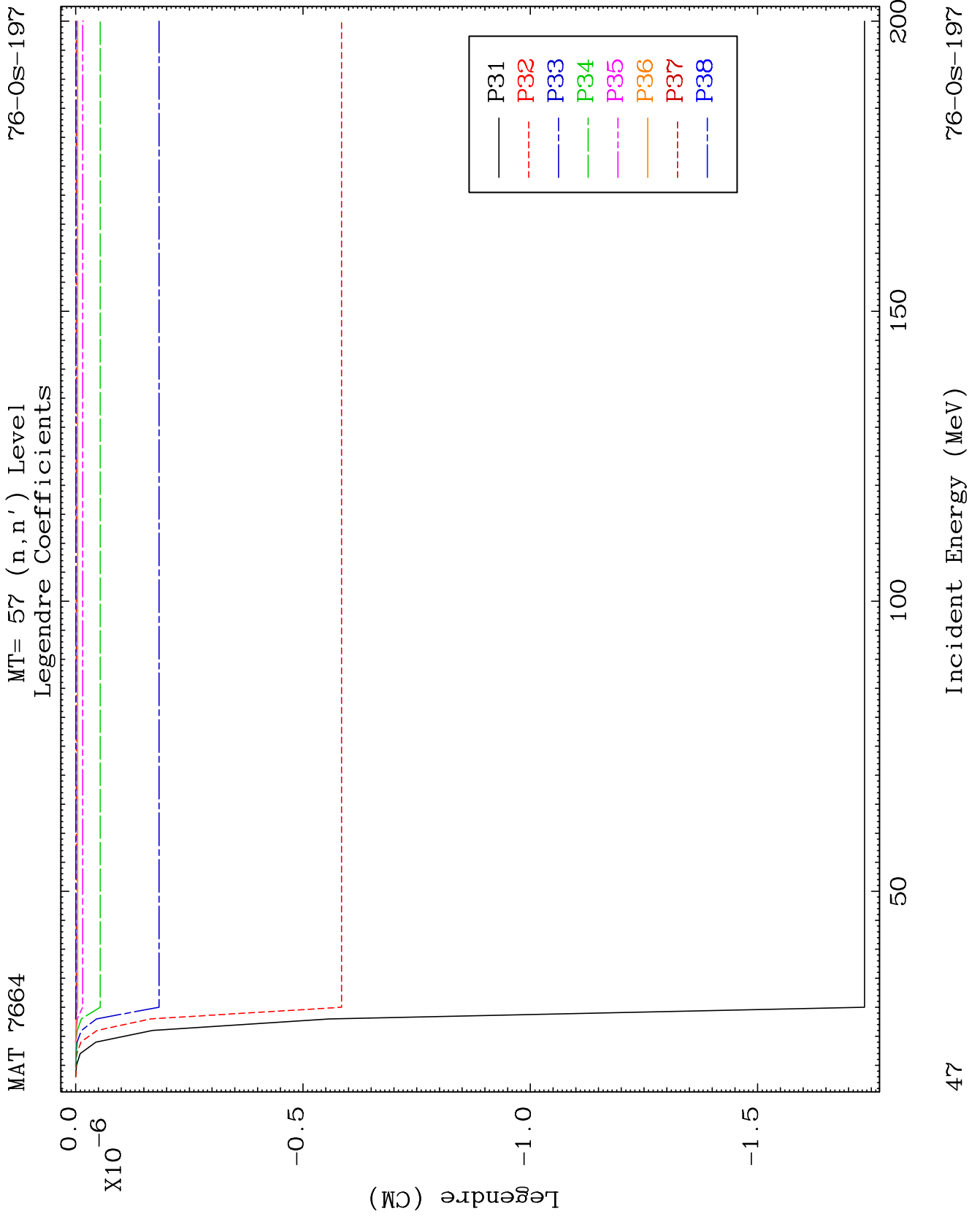


76-0s-197

Incident Energy (MeV)

45

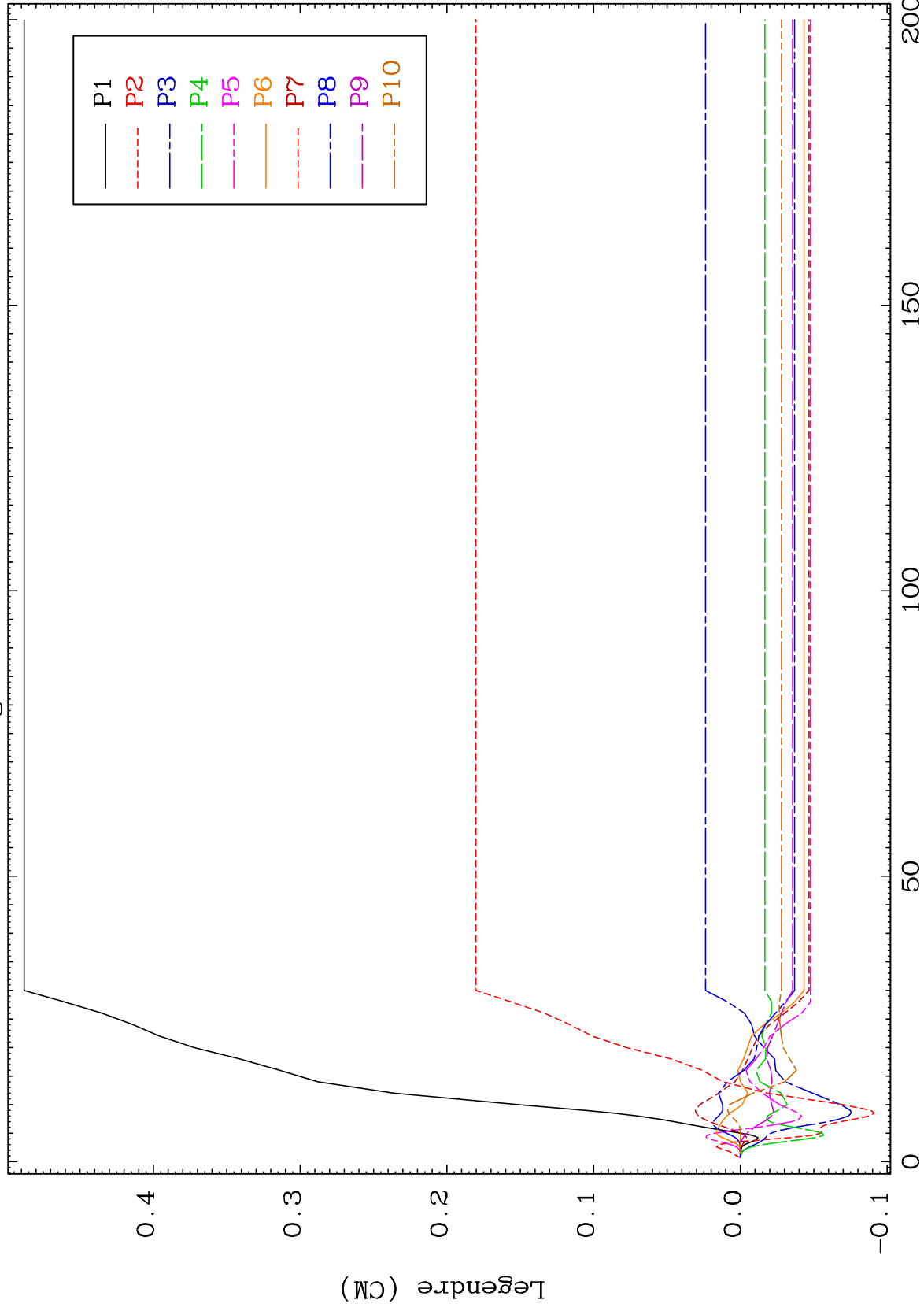




MAT 7664

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

76-0s-197



48

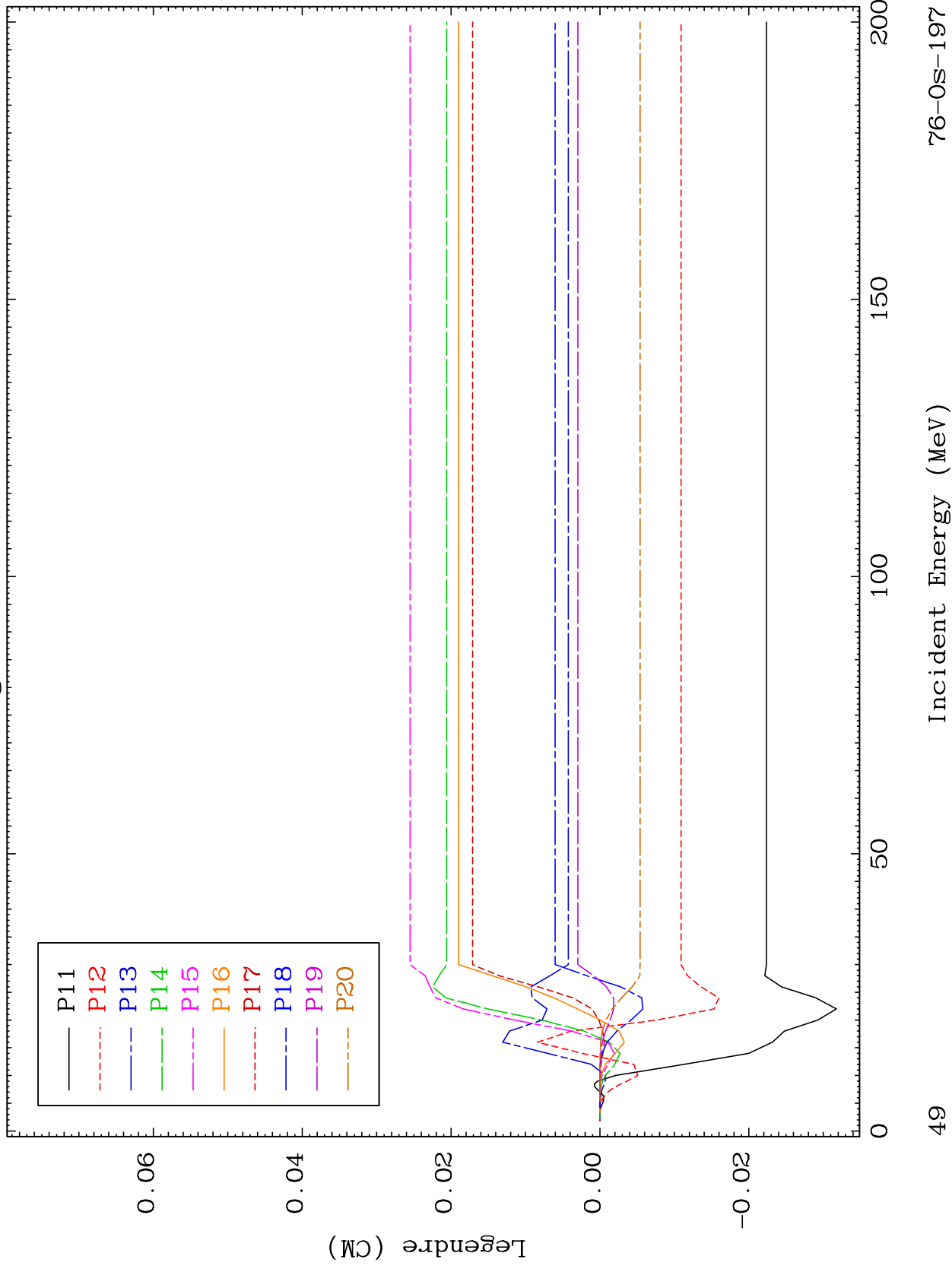
Incident Energy (MeV)

76-0s-197

MAT 7664

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

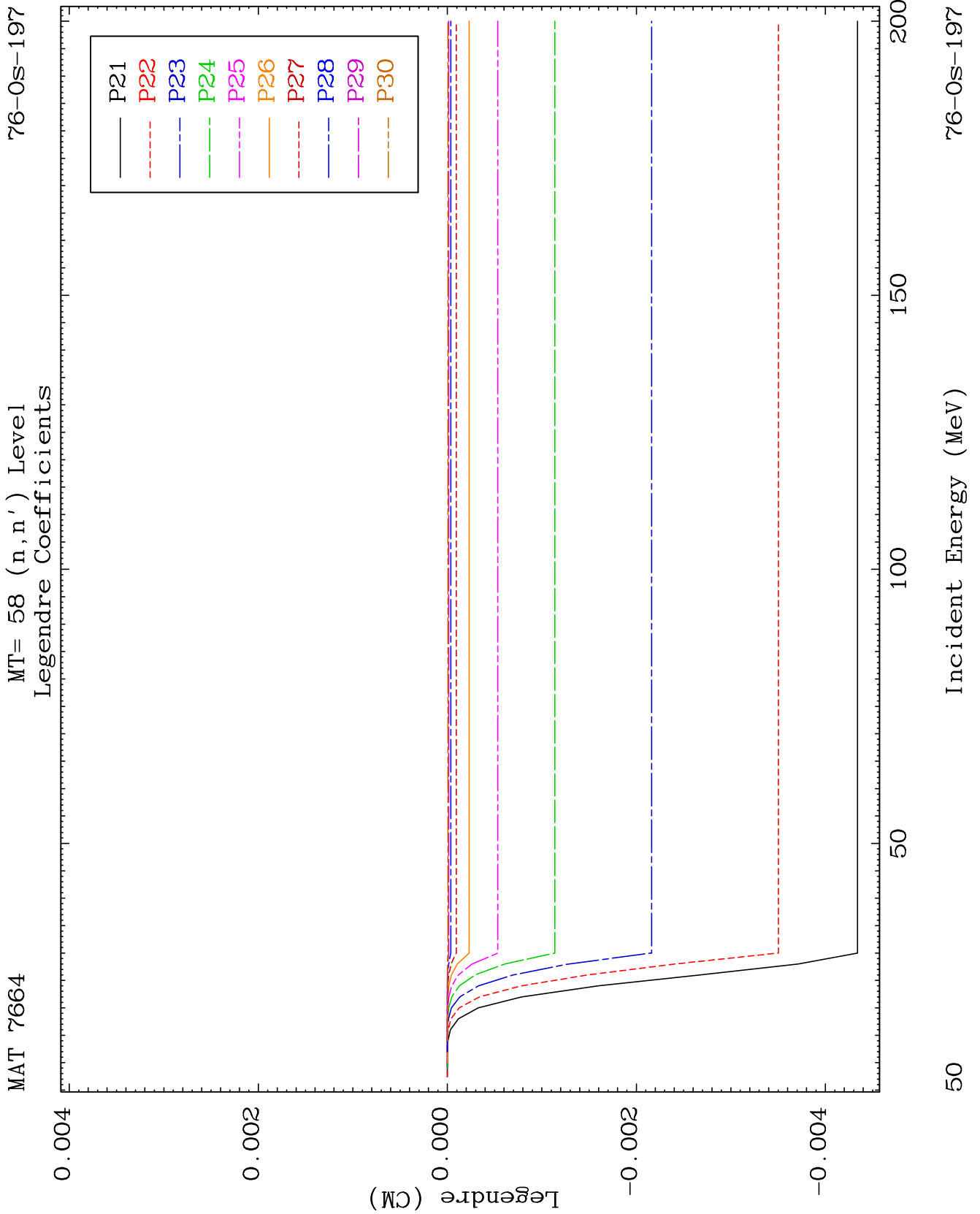
76-0s-197

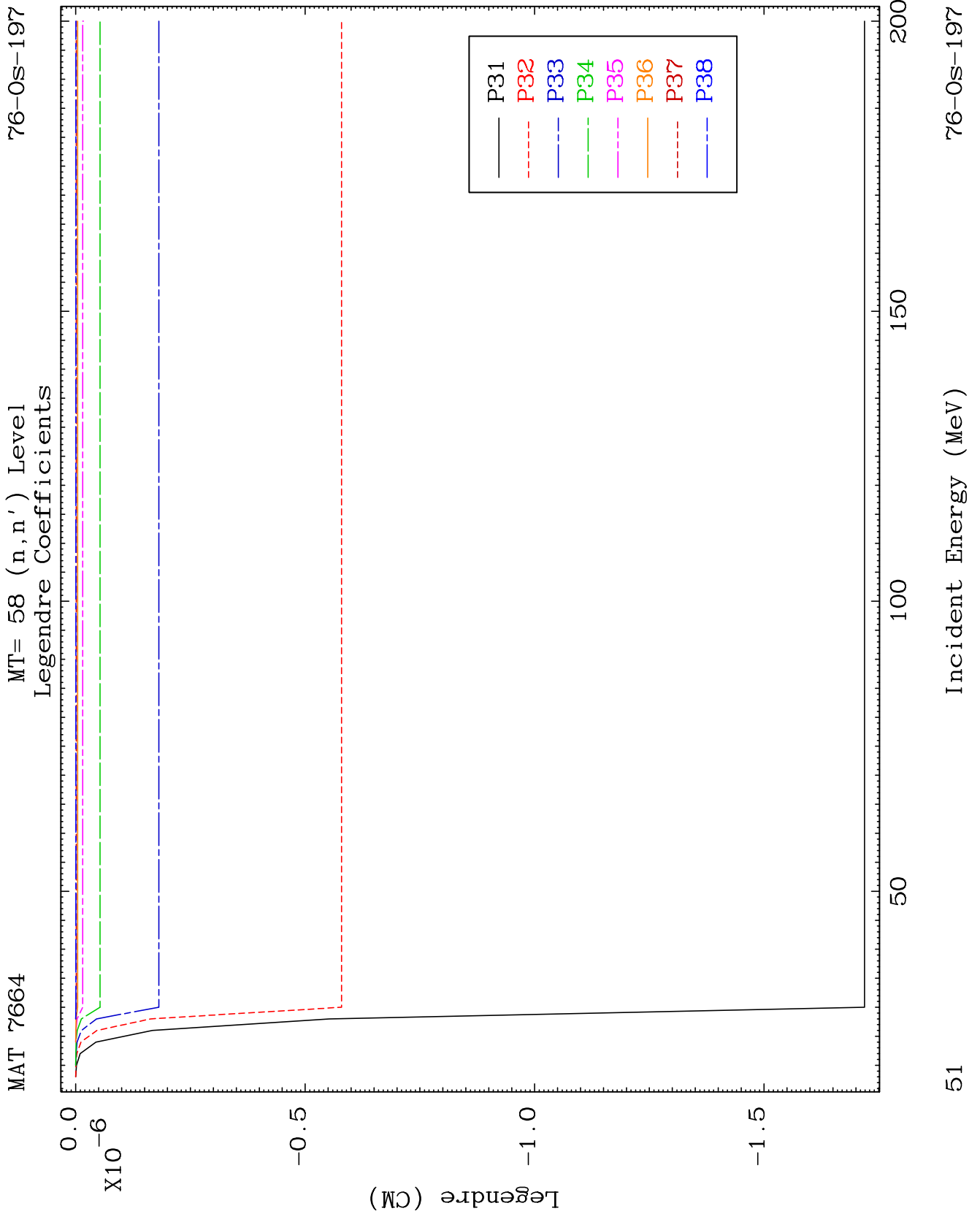


76-0s-197

Incident Energy (MeV)

49

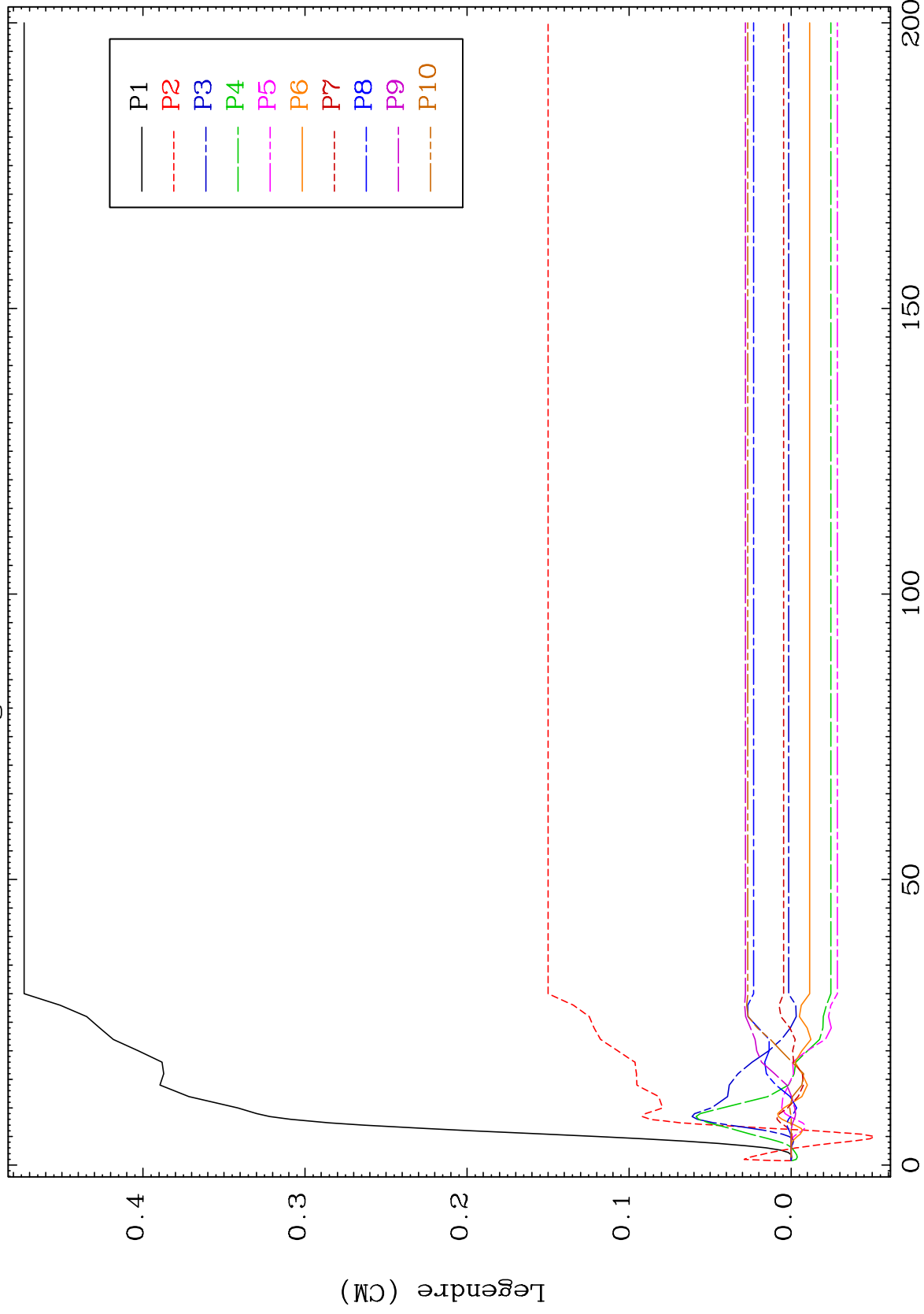




MAT 7664

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

76-Os-197



52

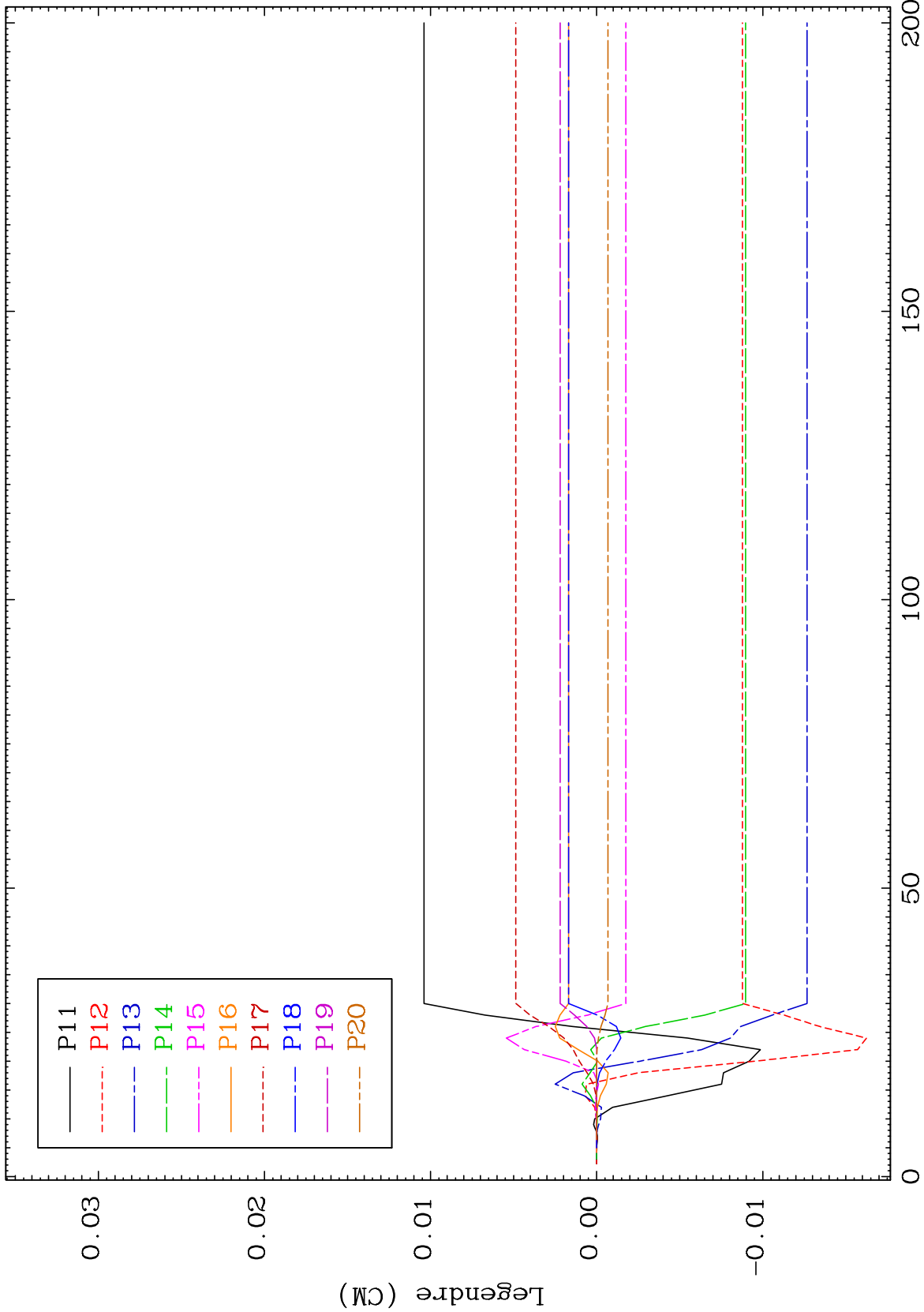
Incident Energy (MeV)

76-Os-197

MAT 7664

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

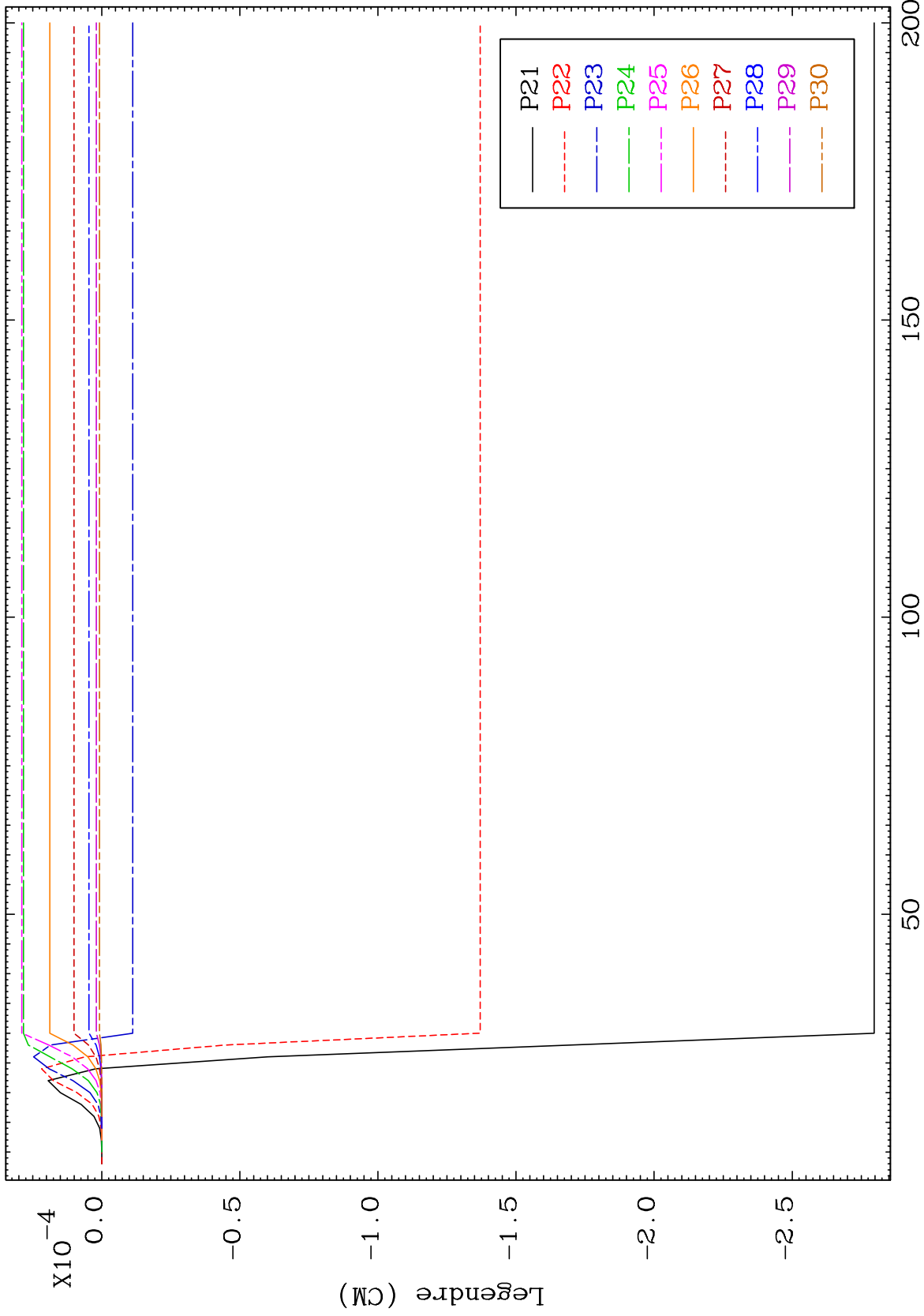
76-0s-197



53

Incident Energy (MeV)

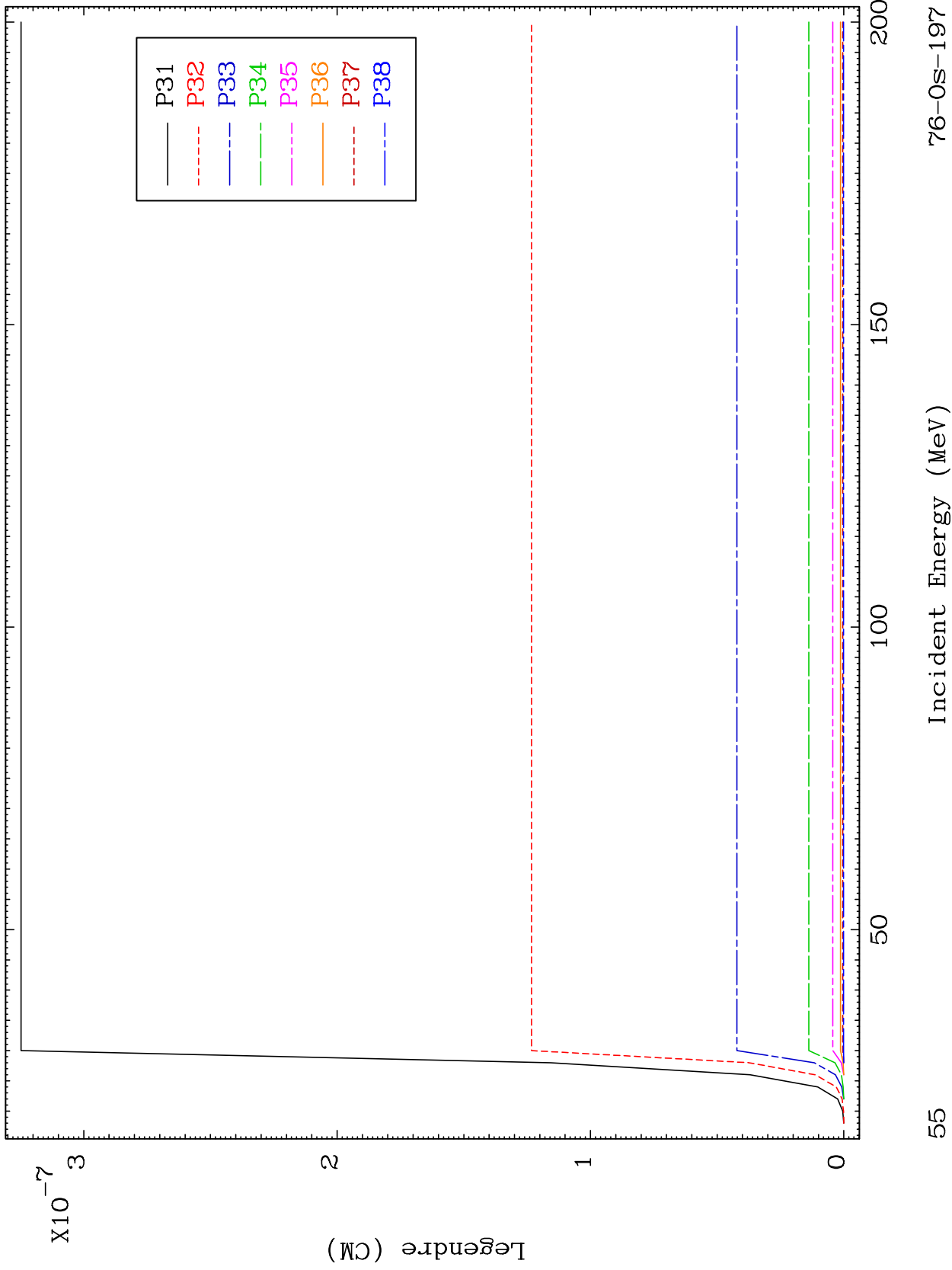
76-0s-197



MAT 7664

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

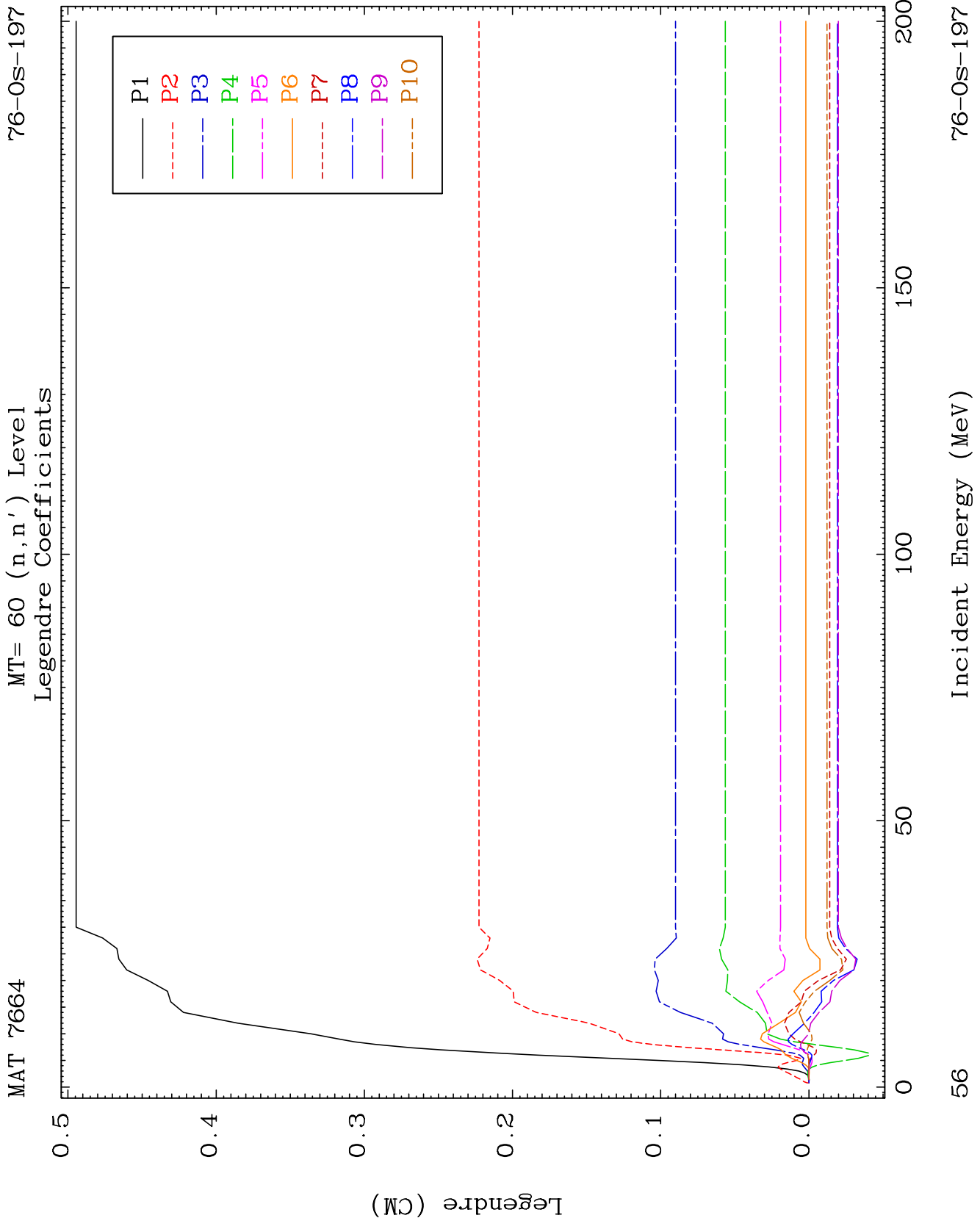
76-0s-197



55

Incident Energy (MeV)

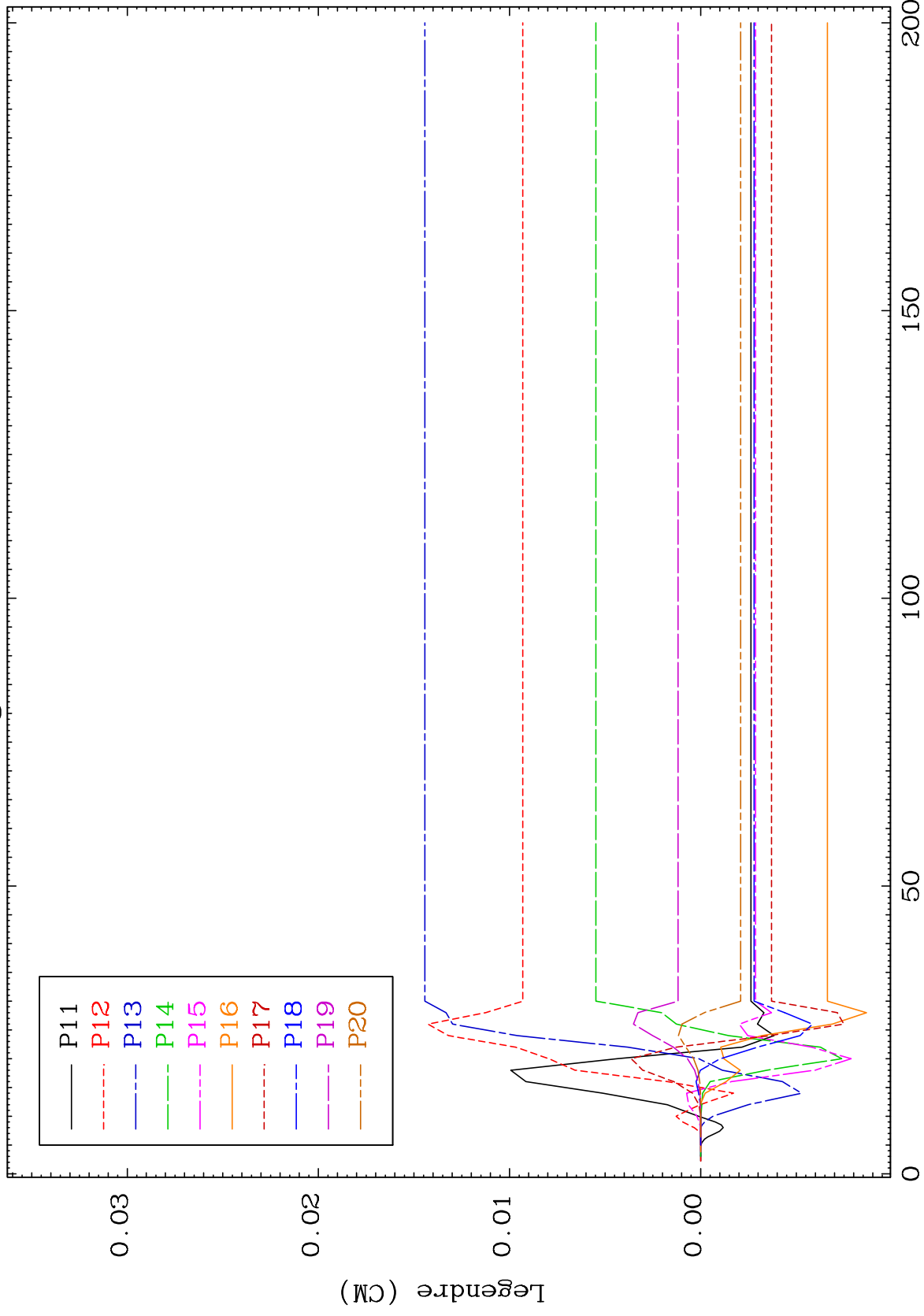
76-0s-197



MAT 7664

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

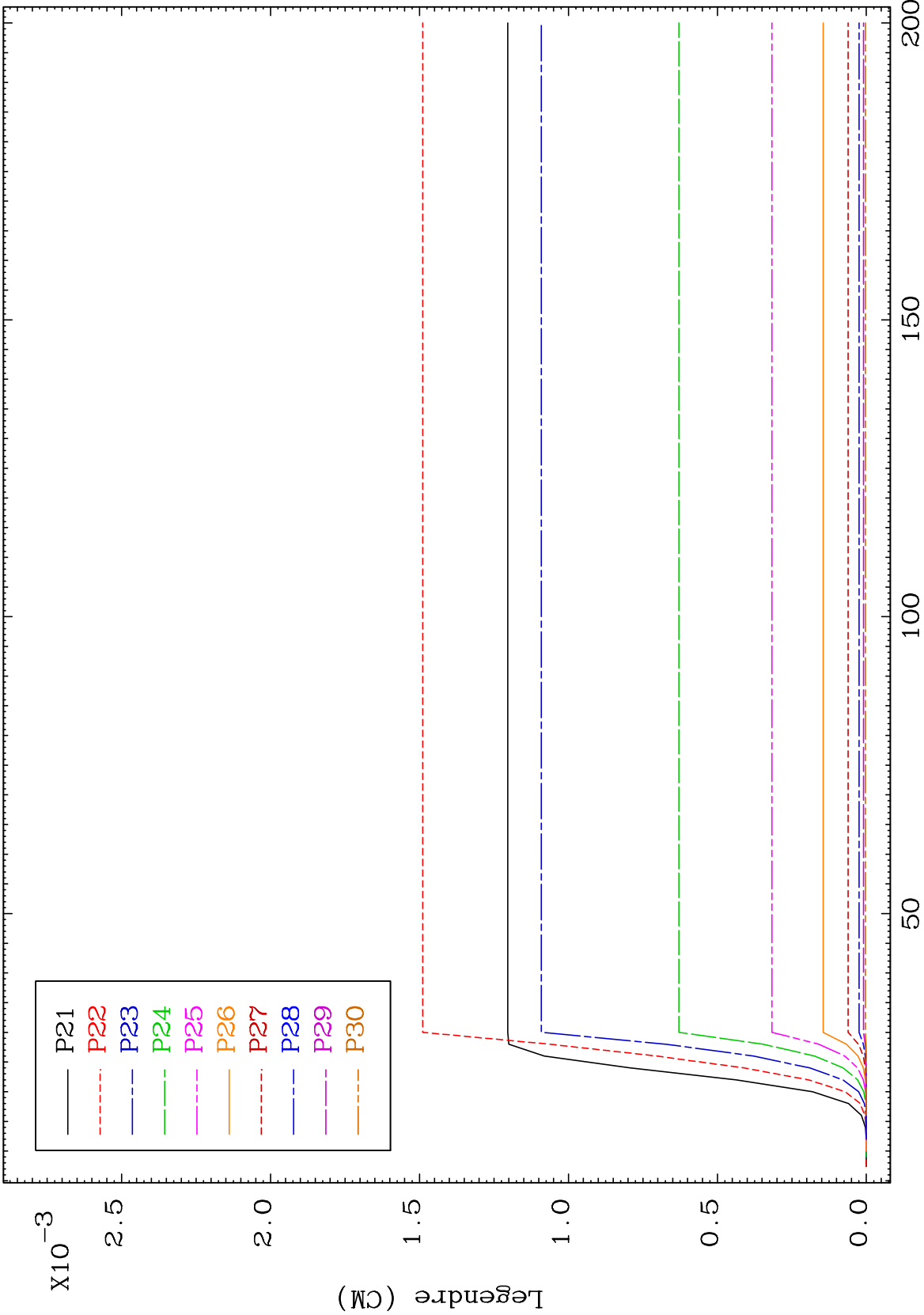
76-Os-197

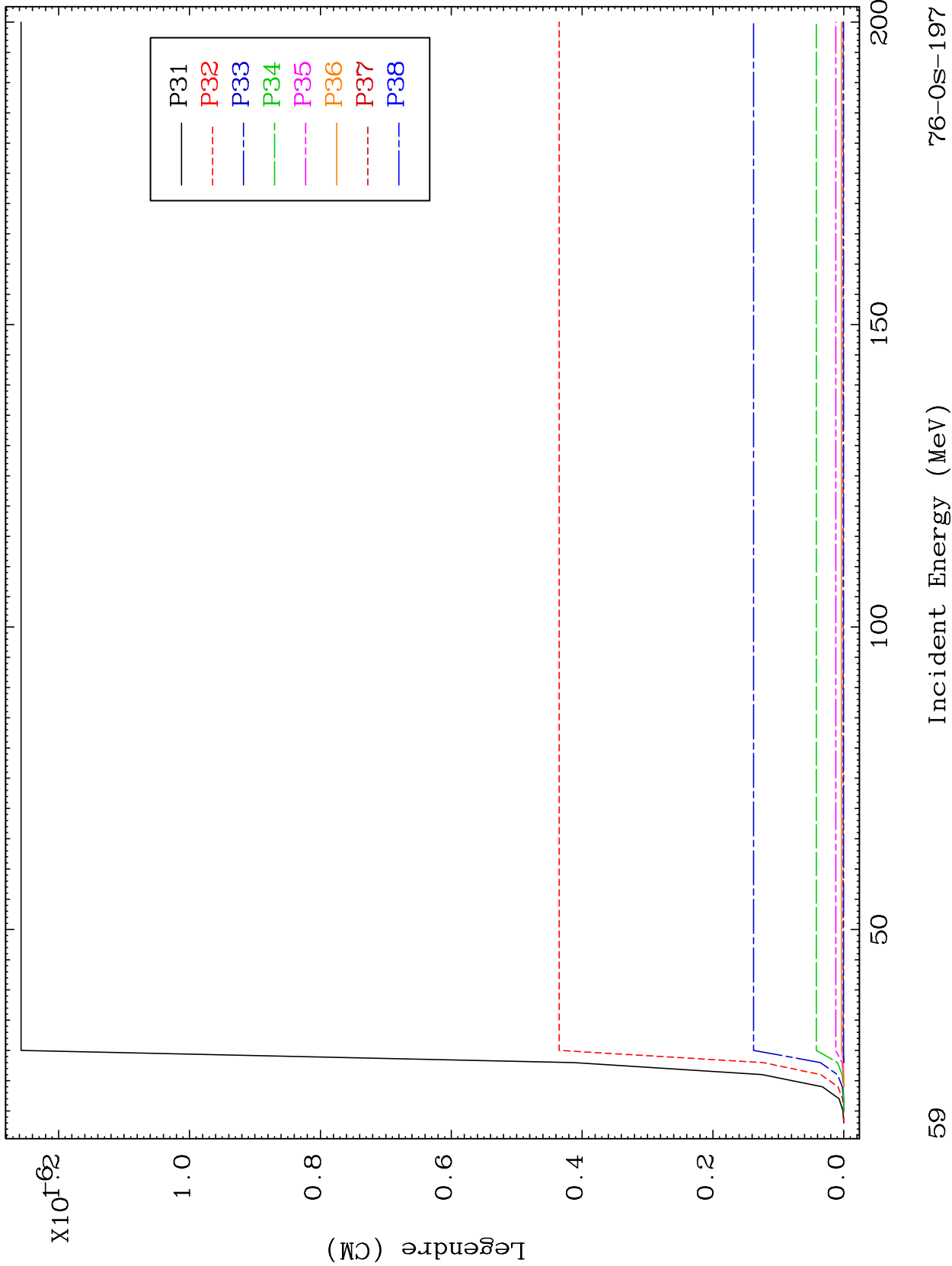


57

Incident Energy (MeV)

76-Os-197

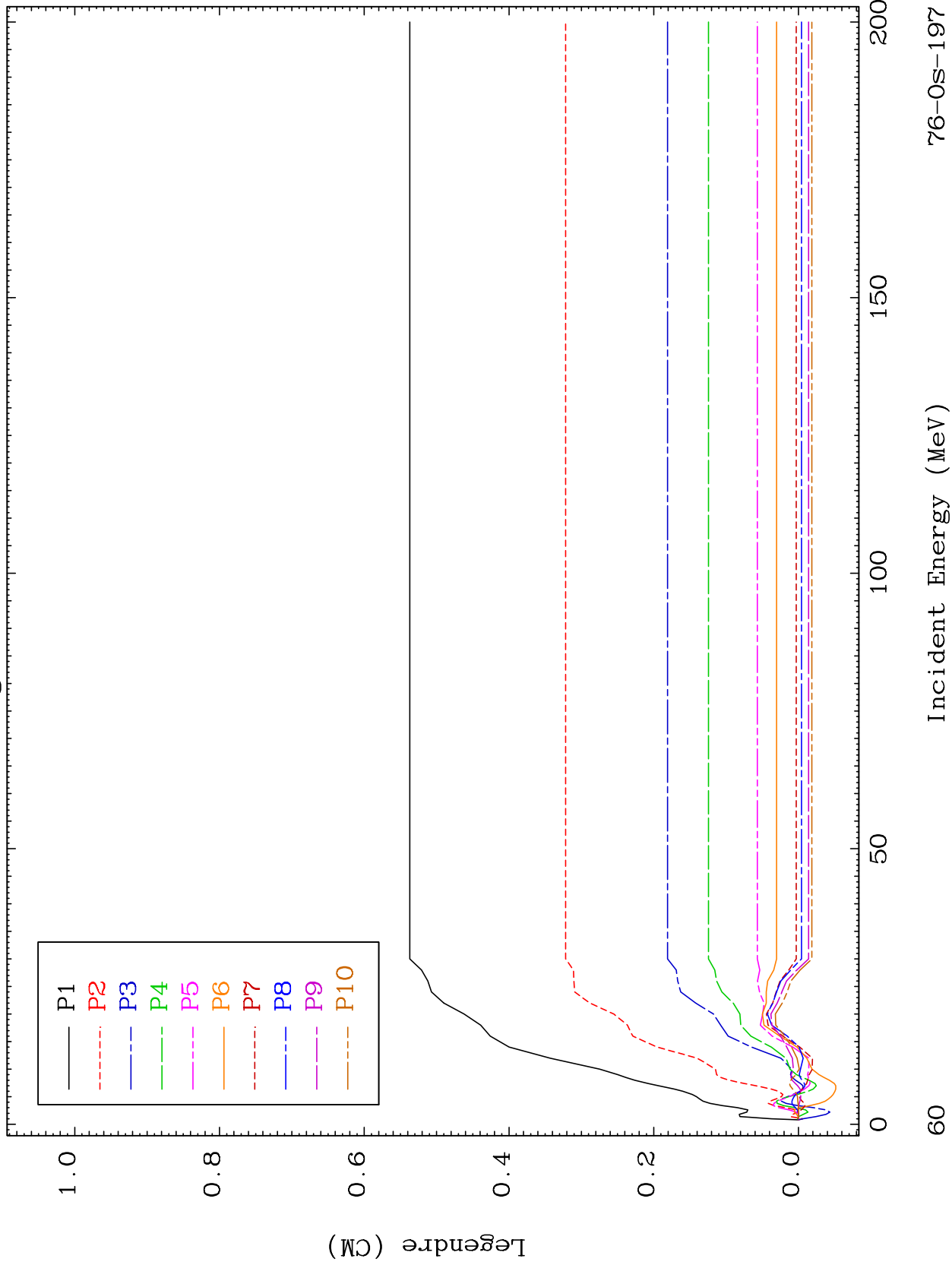




MAT 7664

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

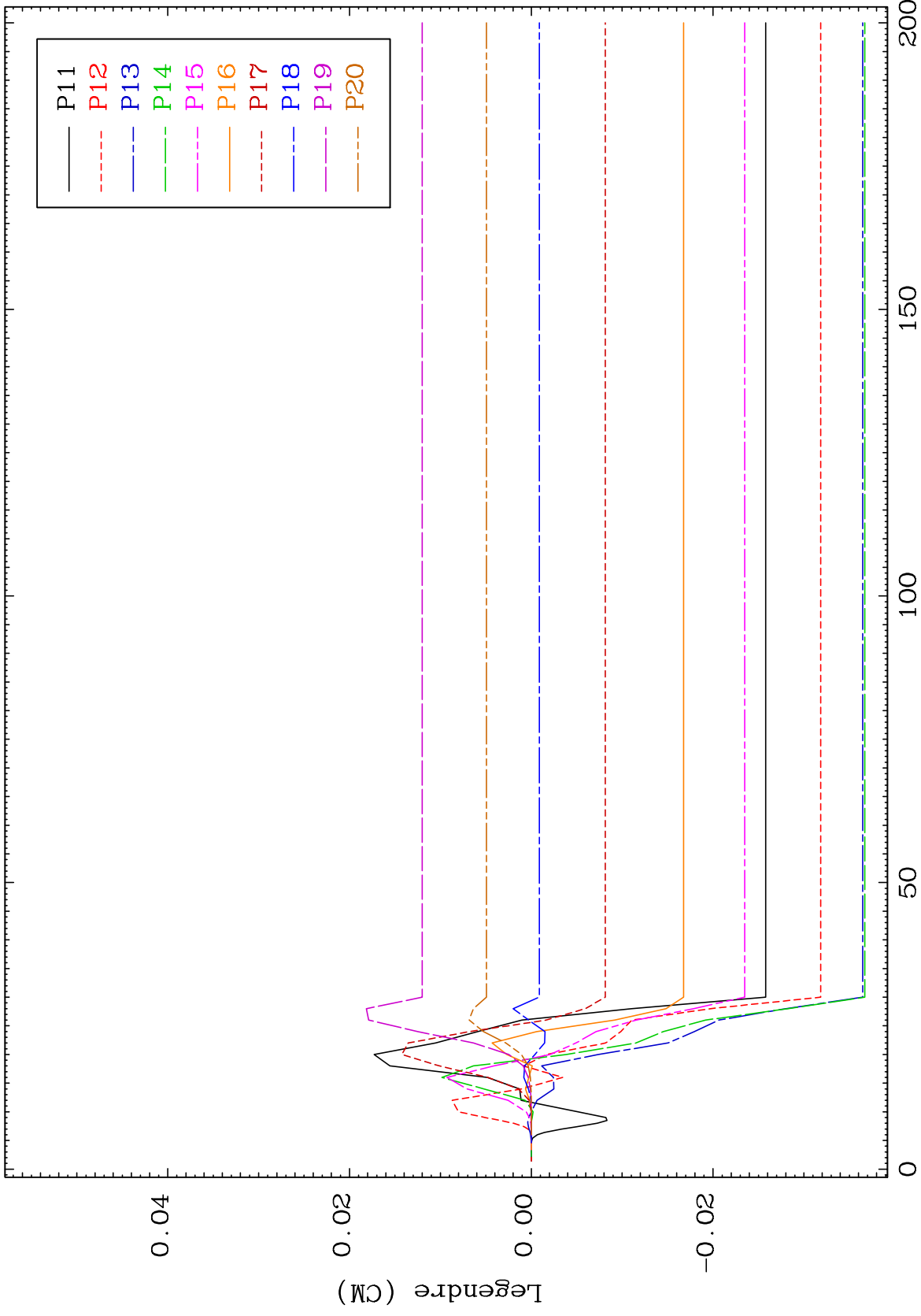
76-0s-197



MAT 7664

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

76-Os-197



61

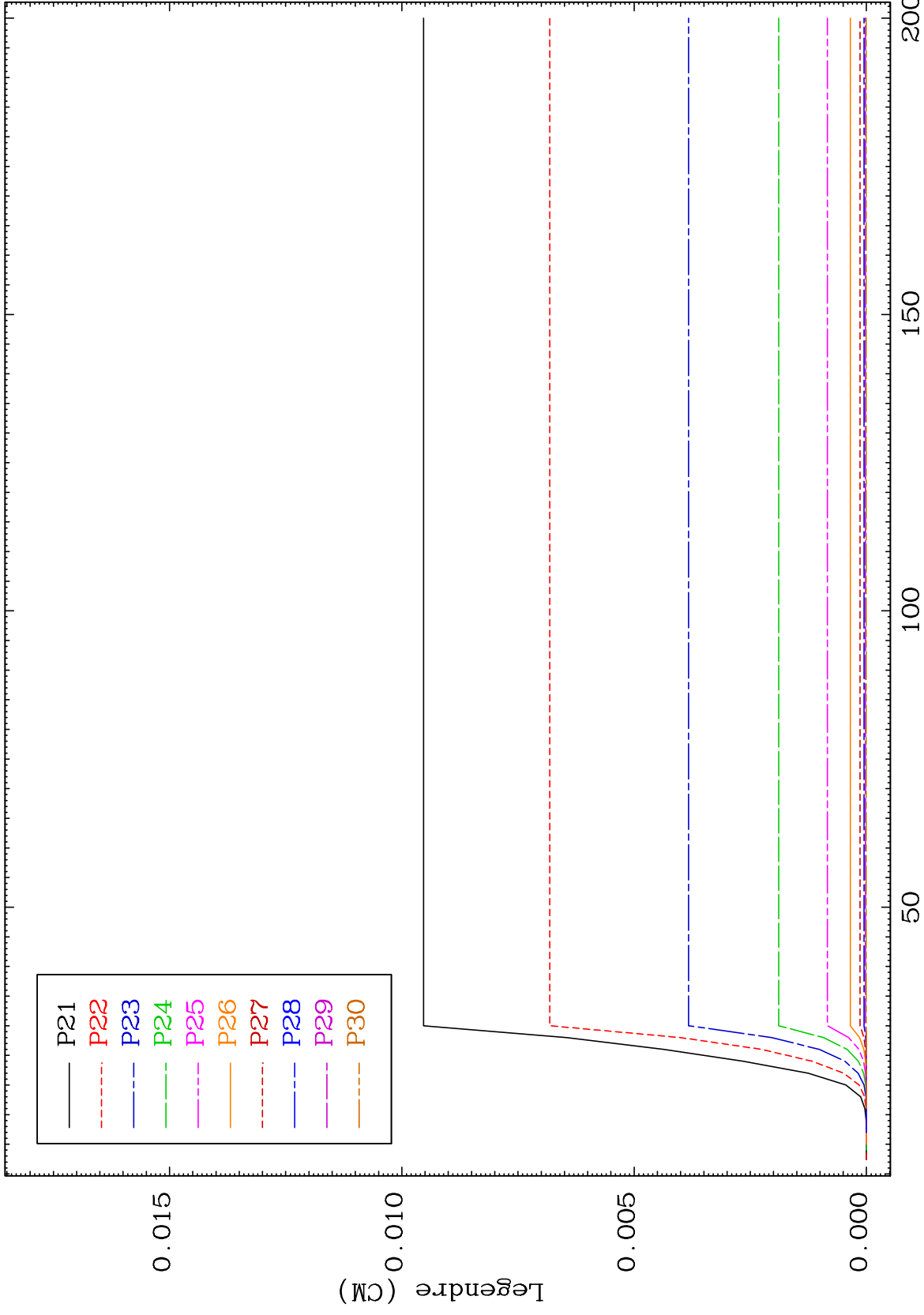
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



62

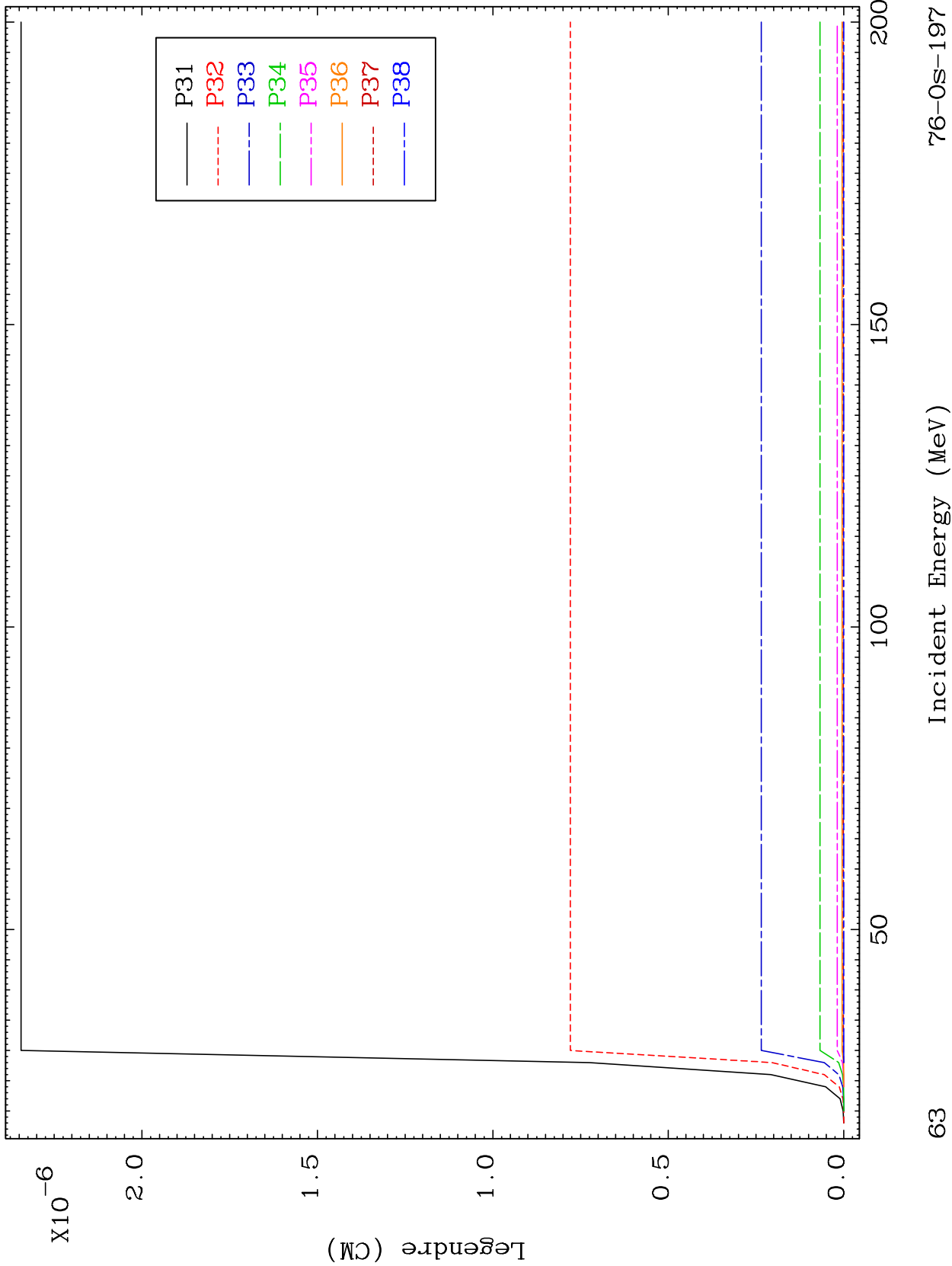
Incident Energy (MeV)

76-0s-197

MAT 7664

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

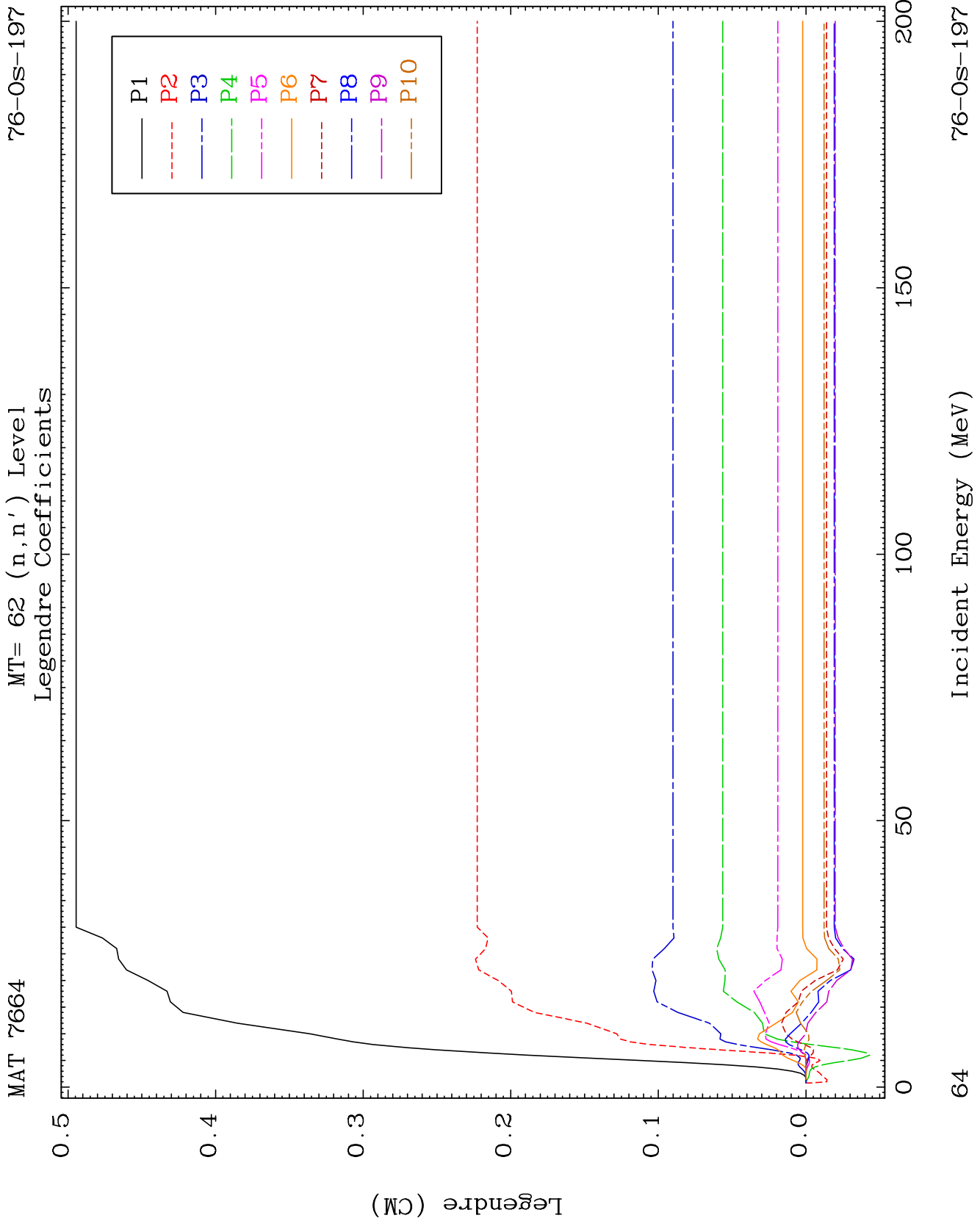
76-Os-197



63

Incident Energy (MeV)

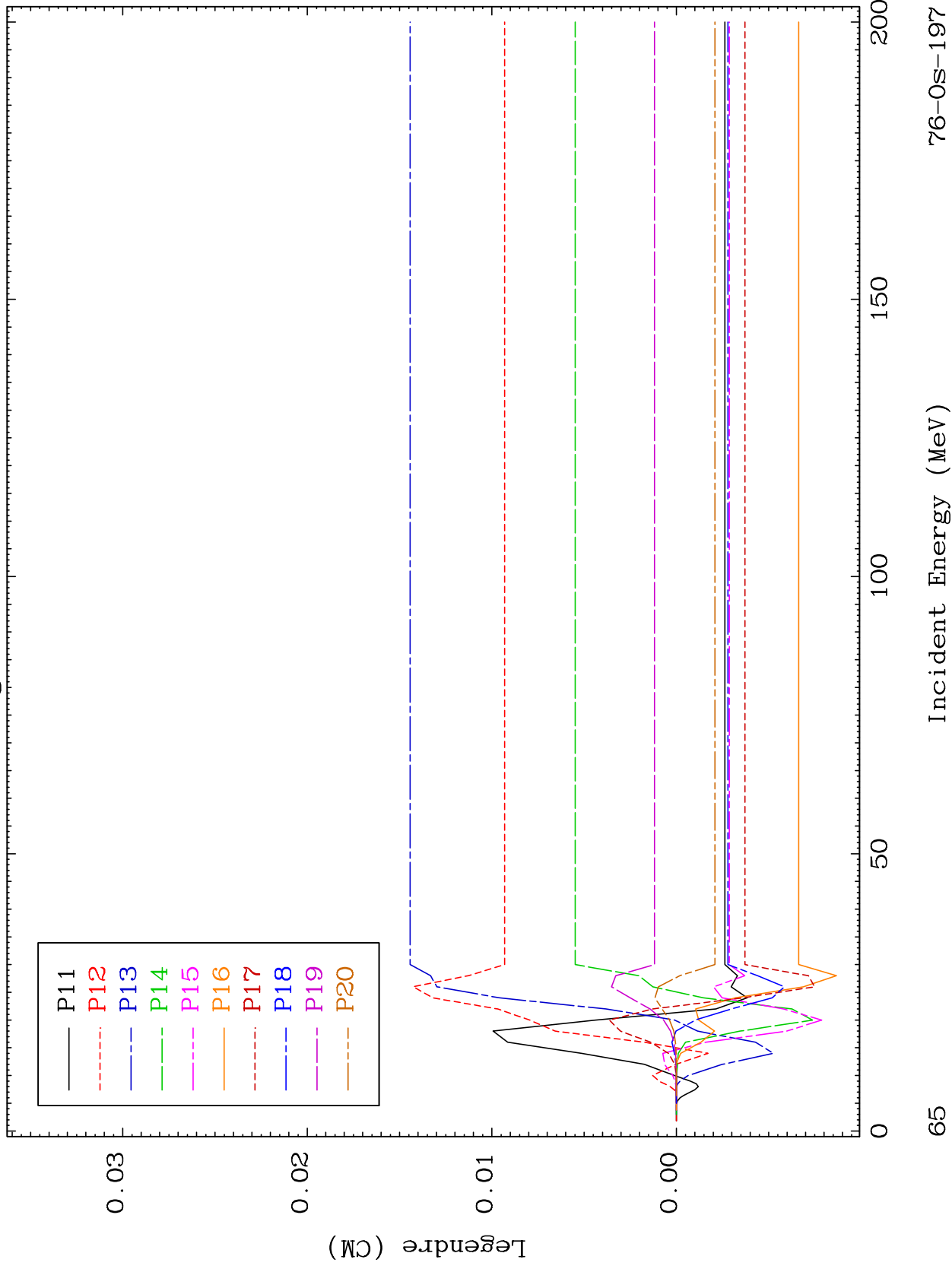
76-Os-197



MAT 7664

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

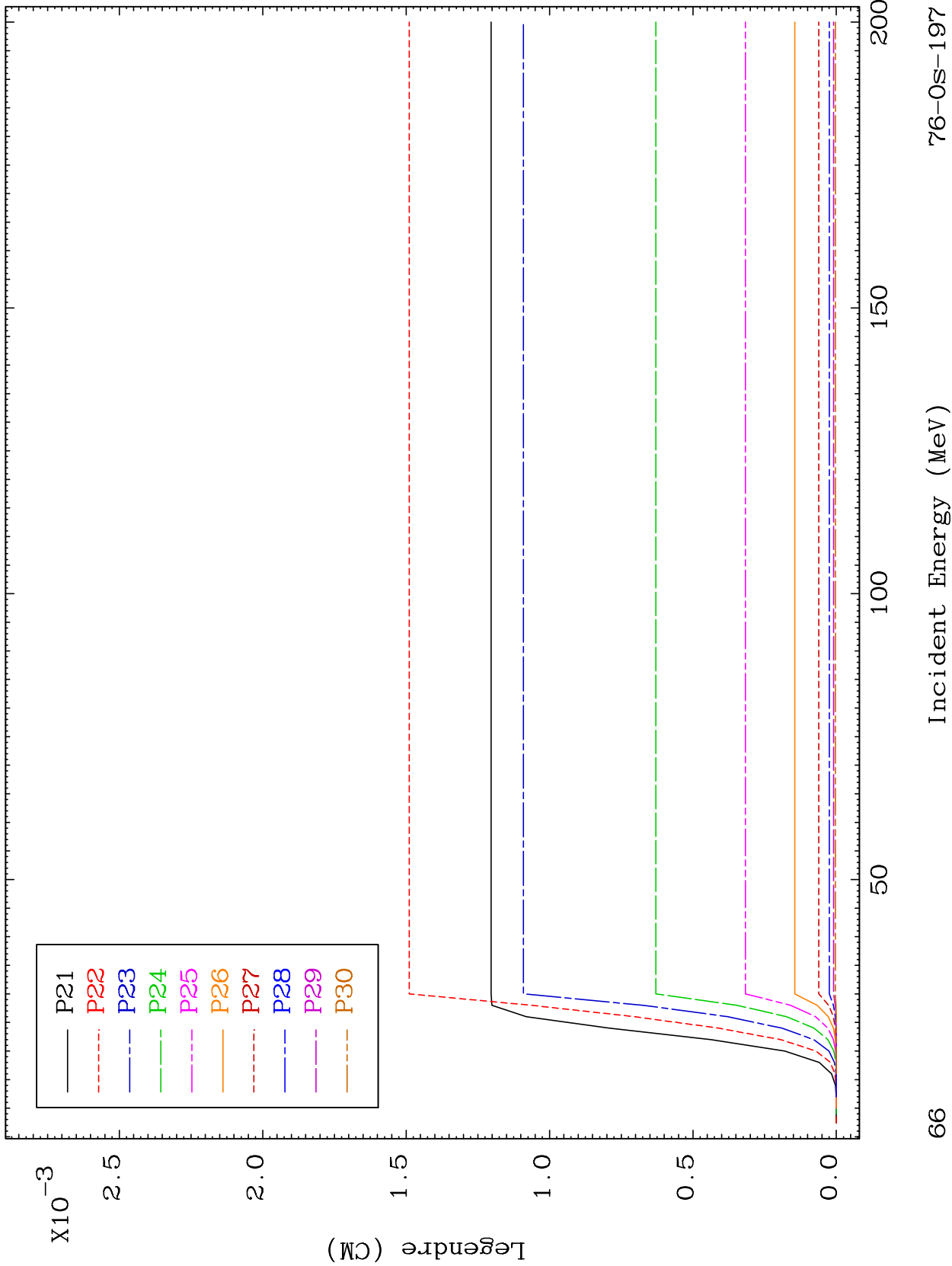
76-0s-197



65

Incident Energy (MeV)

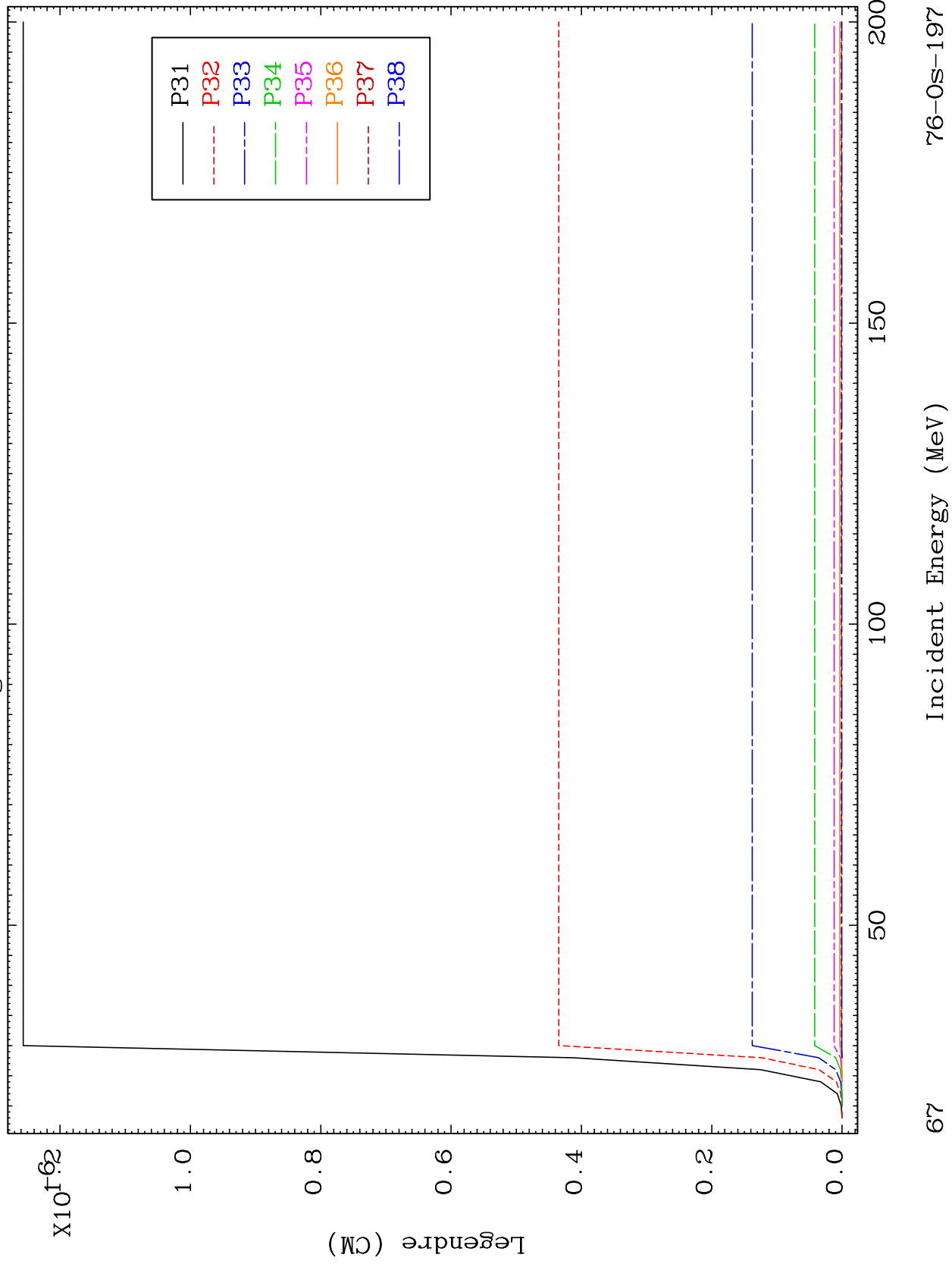
76-0s-197



MAT 7664

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

76-Os-197



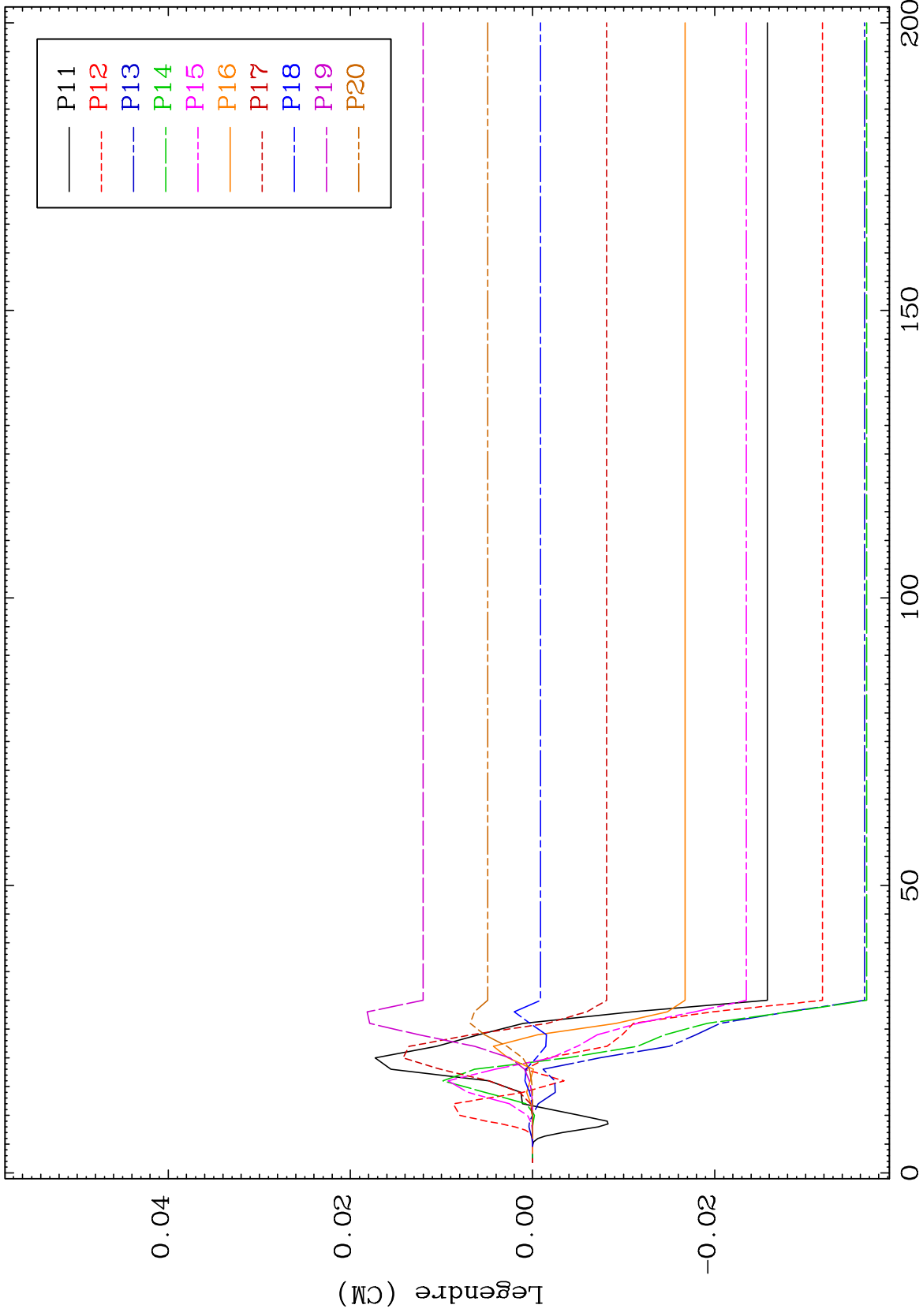
67

76-Os-197

MAT 7664

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

76-Os-197



69

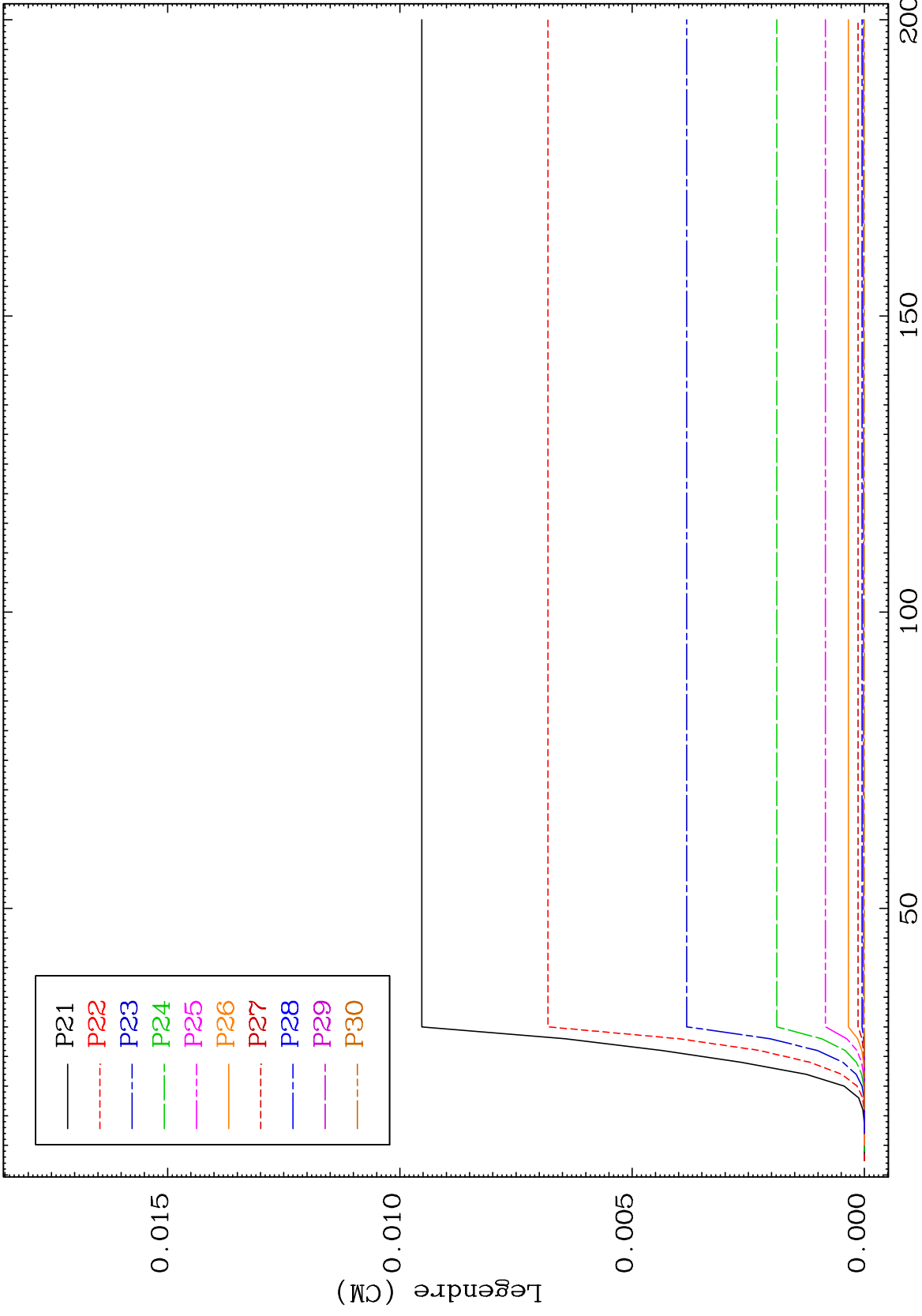
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



70

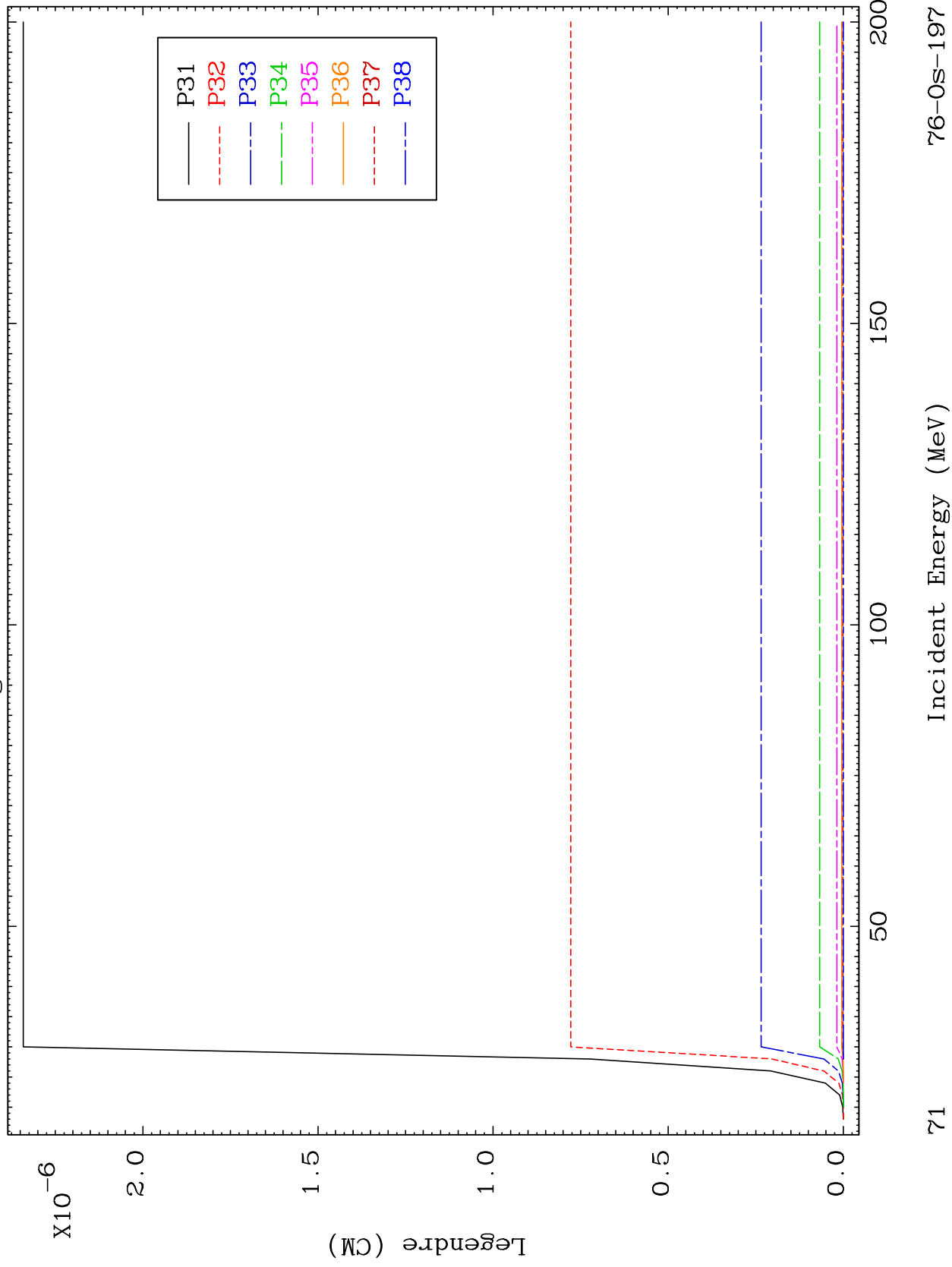
Incident Energy (MeV)

76-0s-197

MAT 7664

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

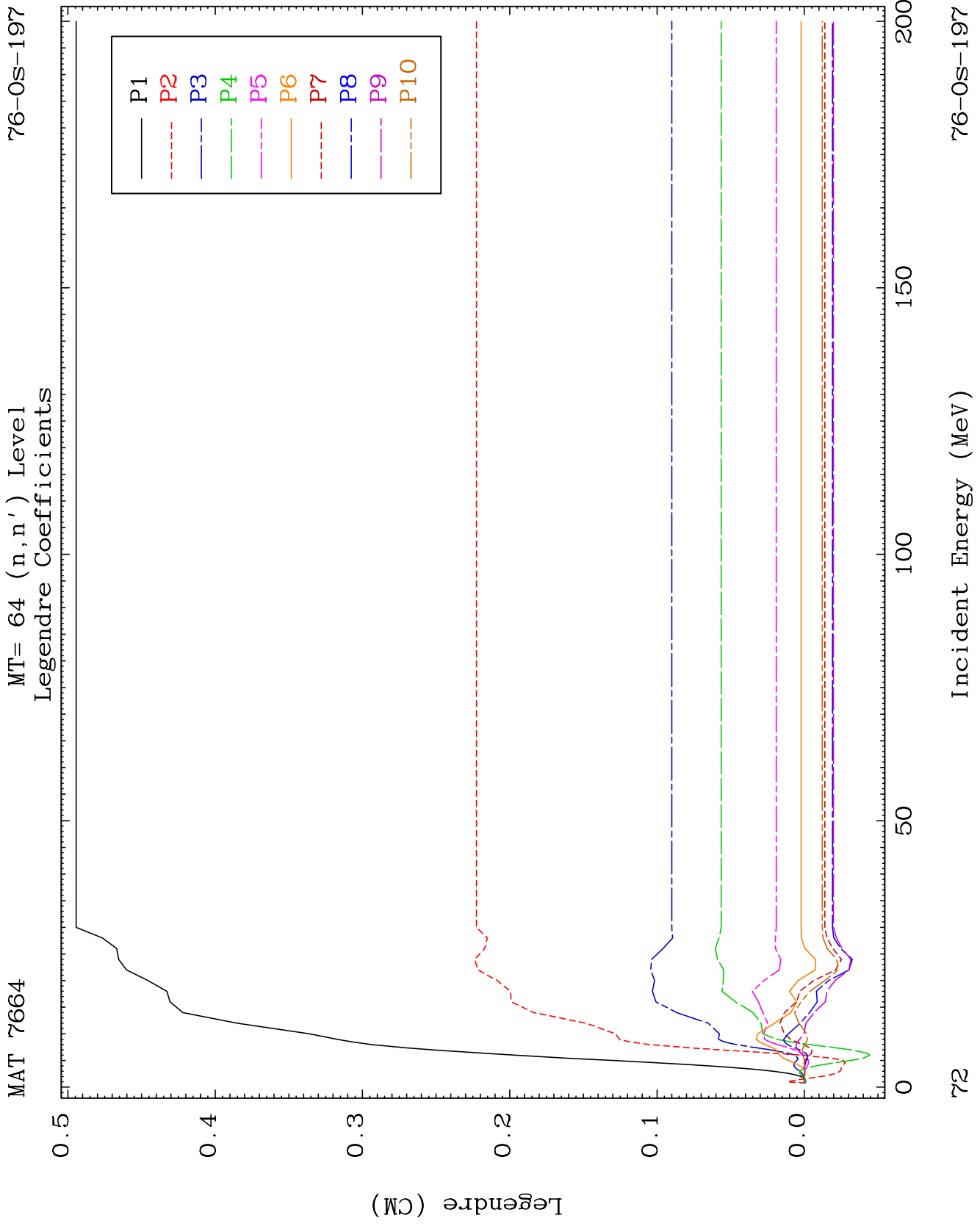
76-Os-197



71

Incident Energy (MeV)

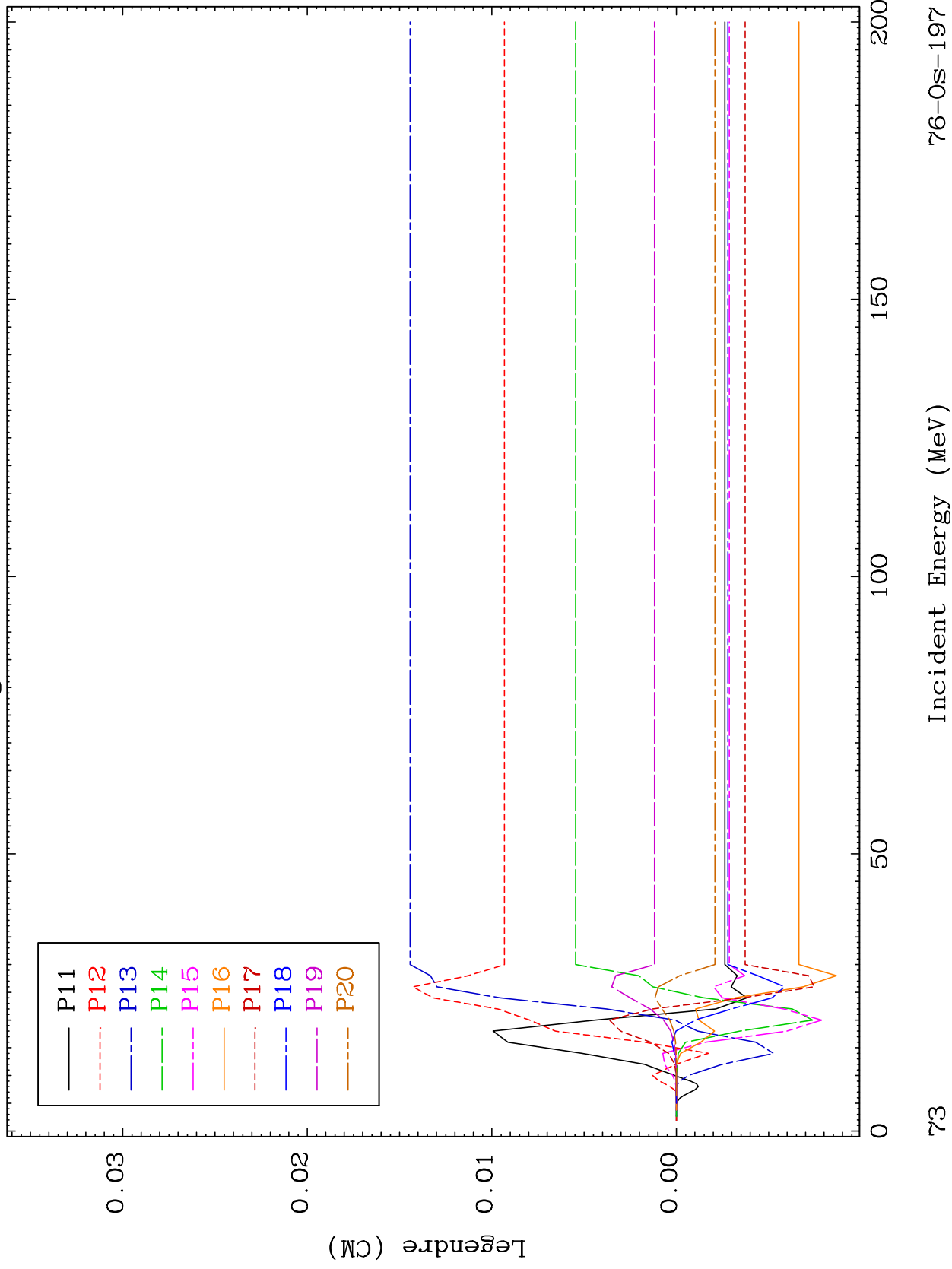
76-Os-197



MAT 7664

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

76-Os-197



73

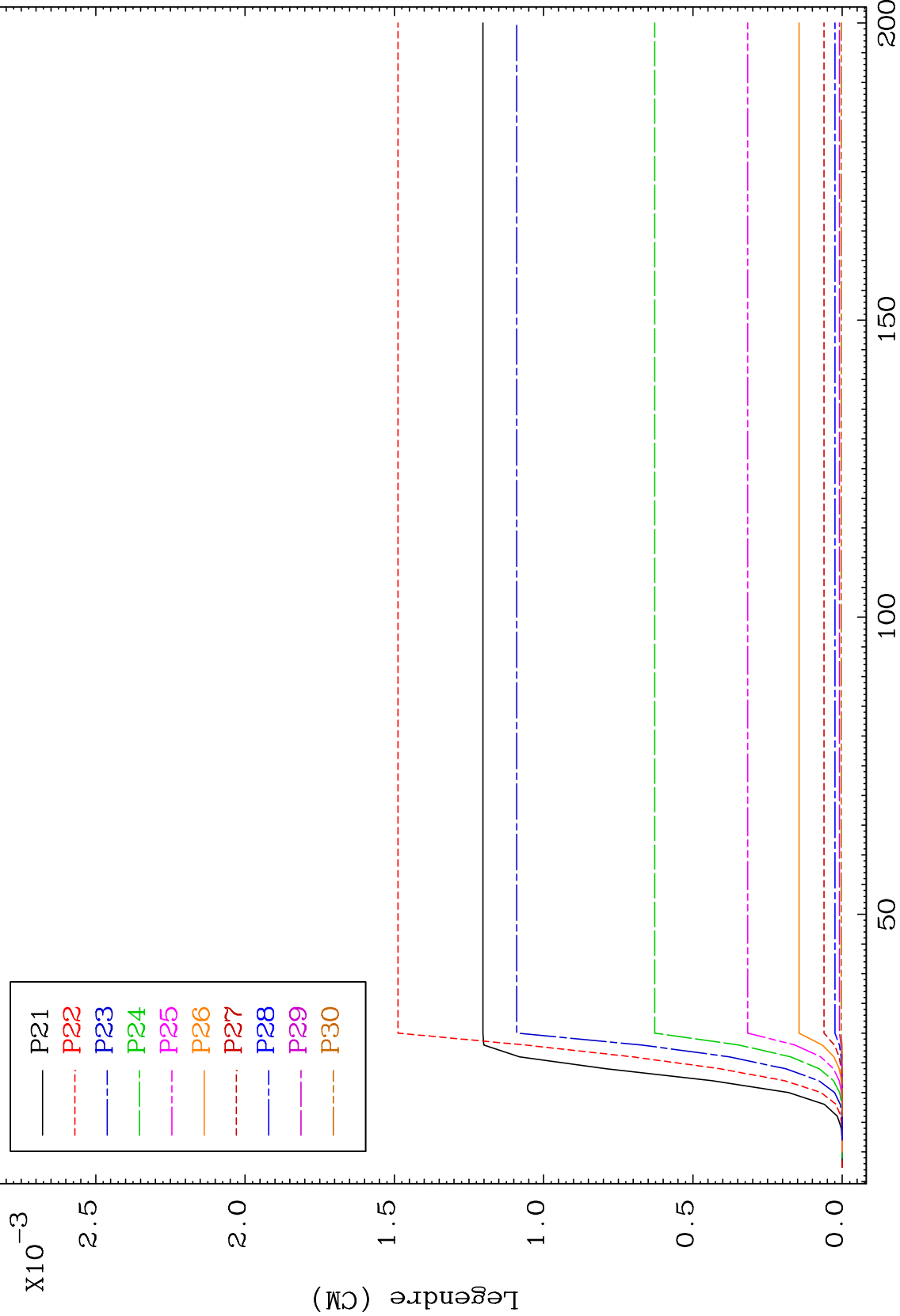
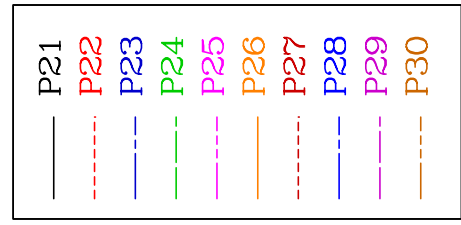
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-Os-197



74

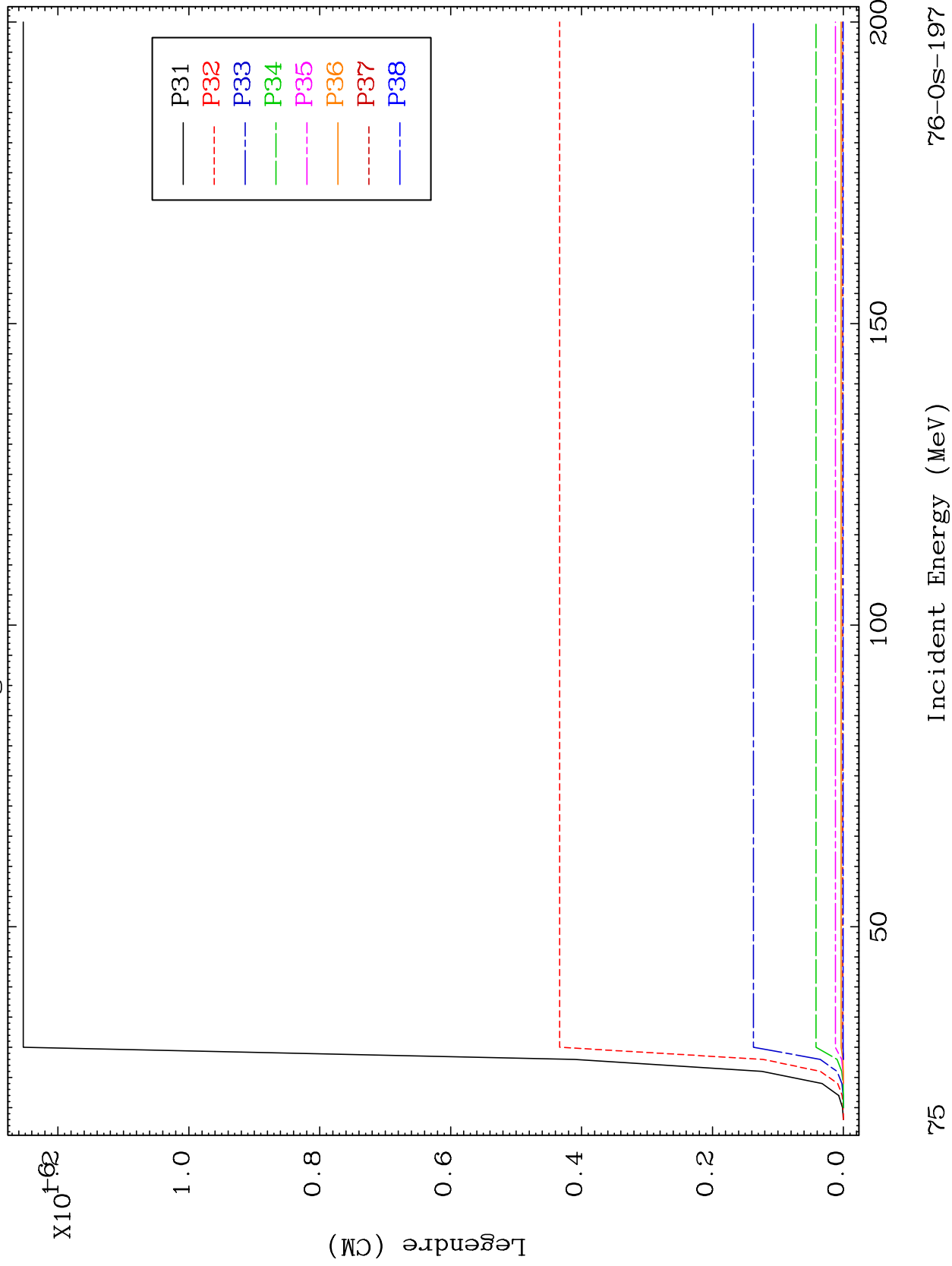
Incident Energy (MeV)

76-Os-197

MAT 7664

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

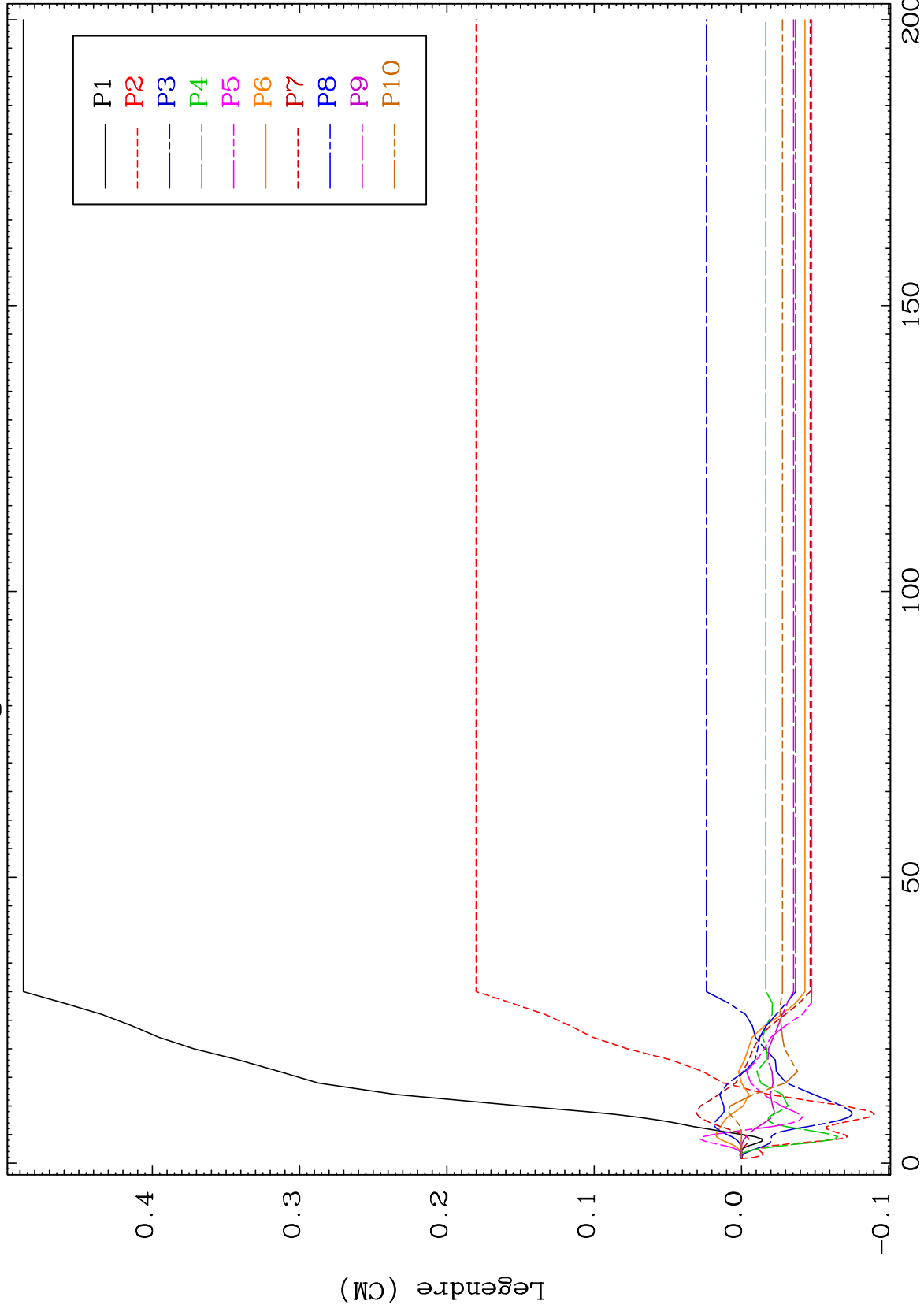
76-Os-197



MAT 7664

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

76-0s-197



76

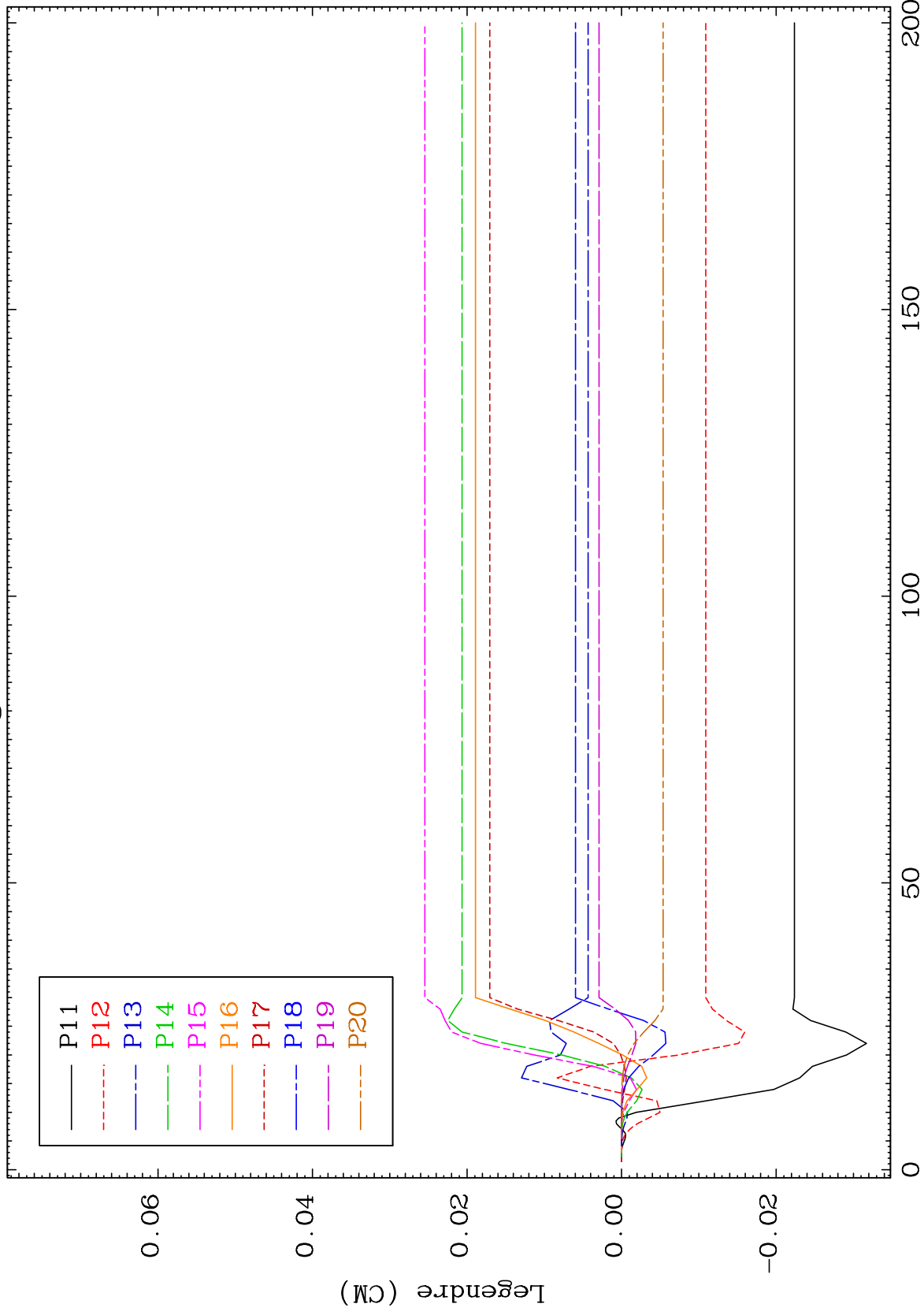
Incident Energy (MeV)

76-0s-197

MAT 7664

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

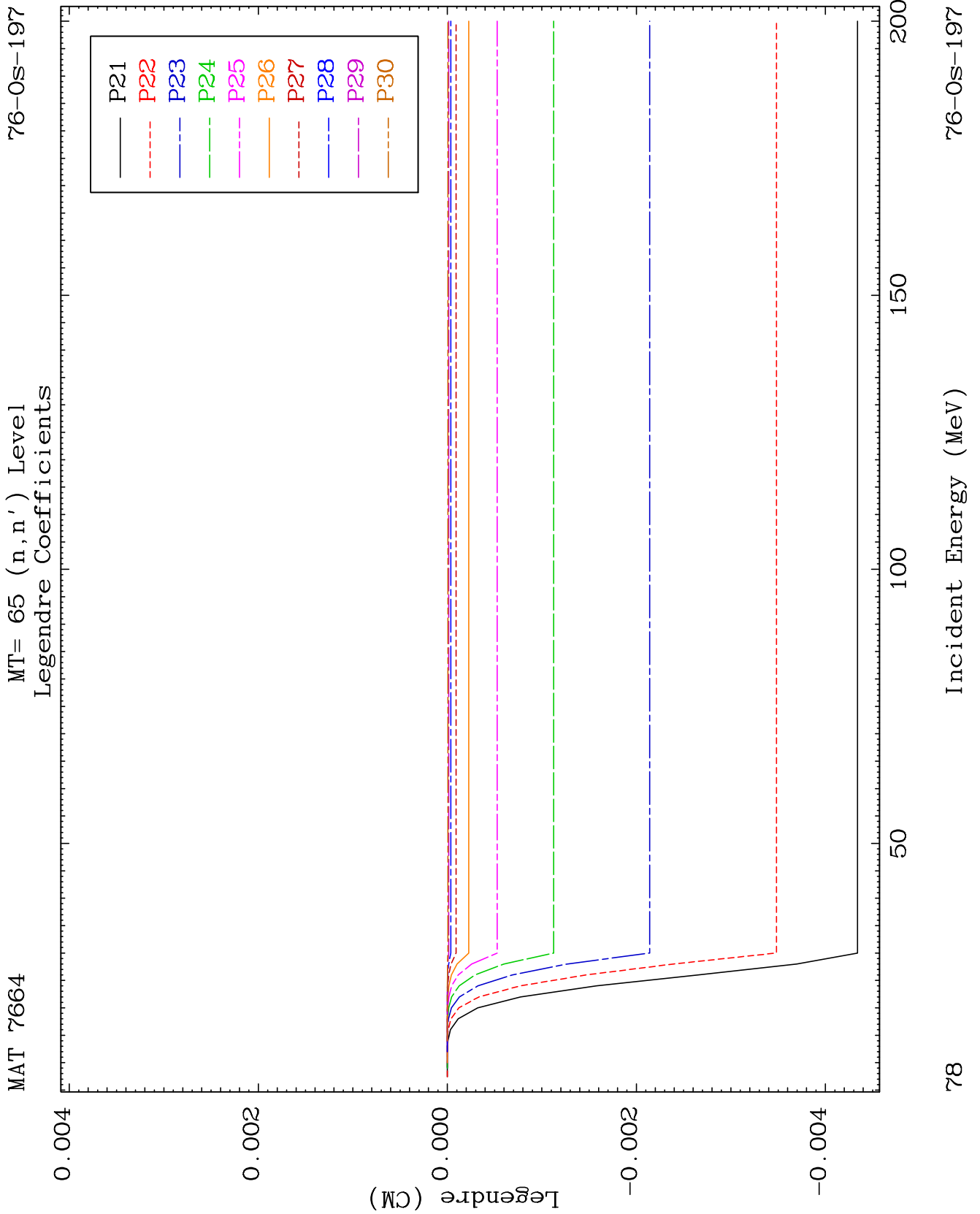
76-0s-197

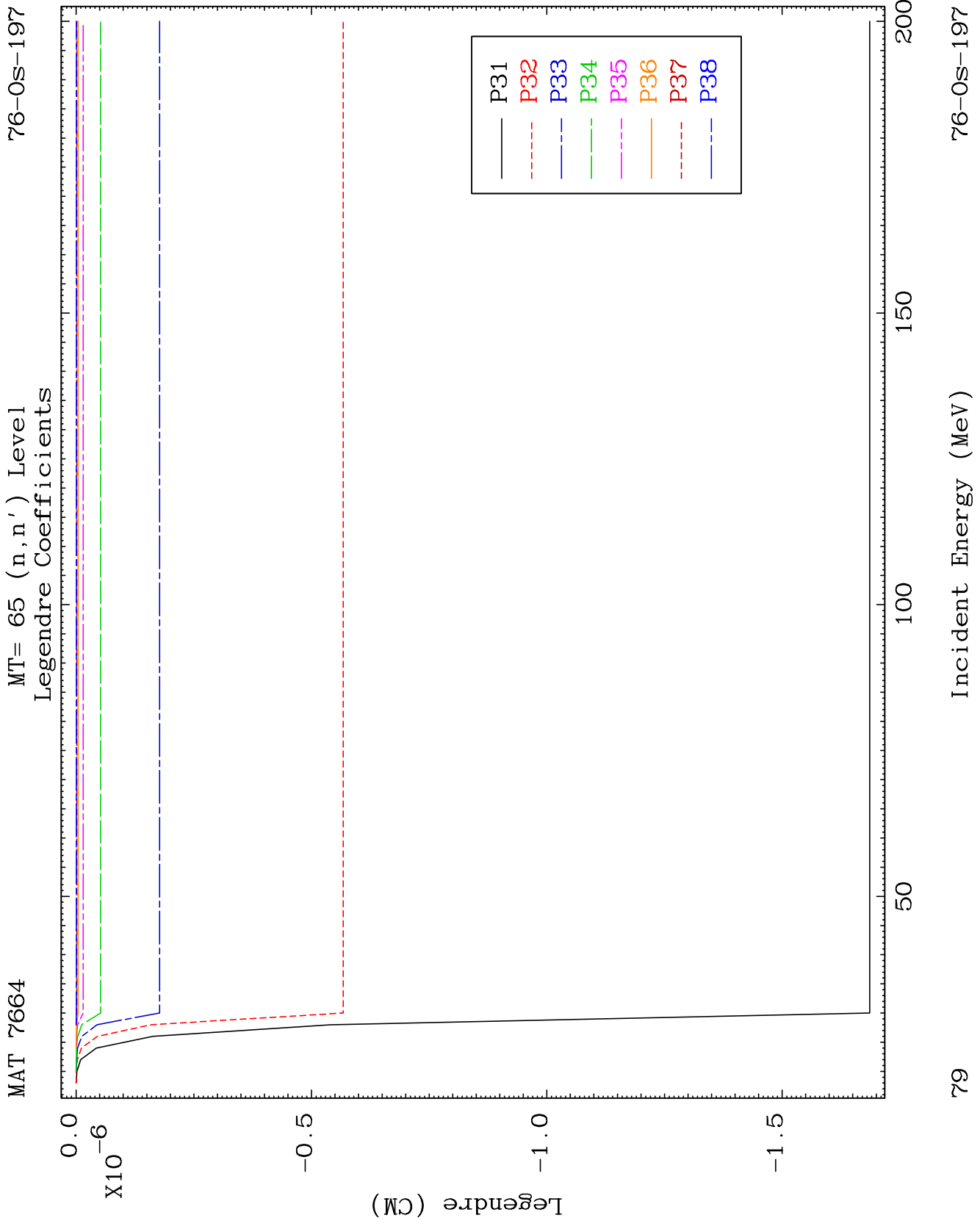


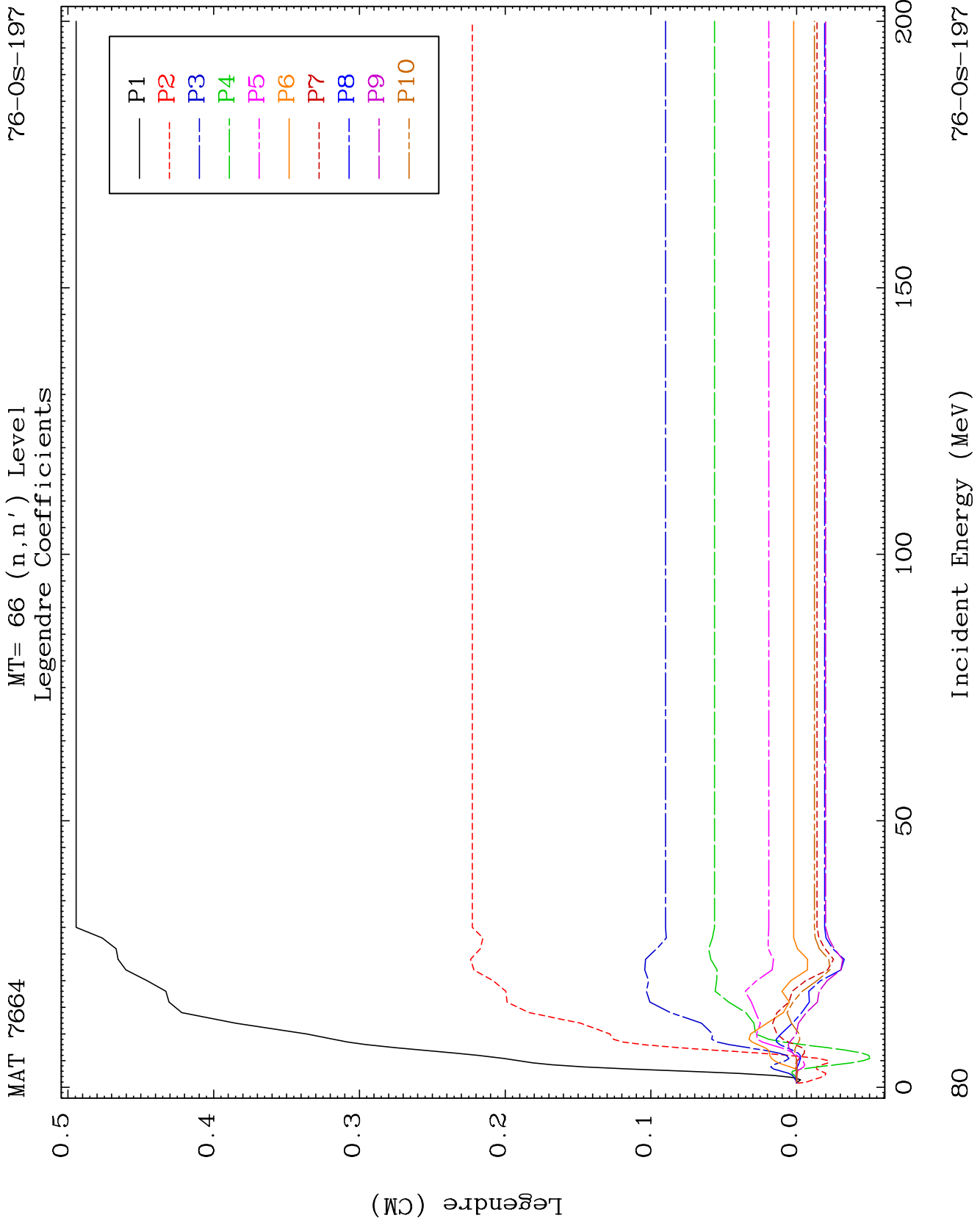
77

Incident Energy (MeV)

76-0s-197



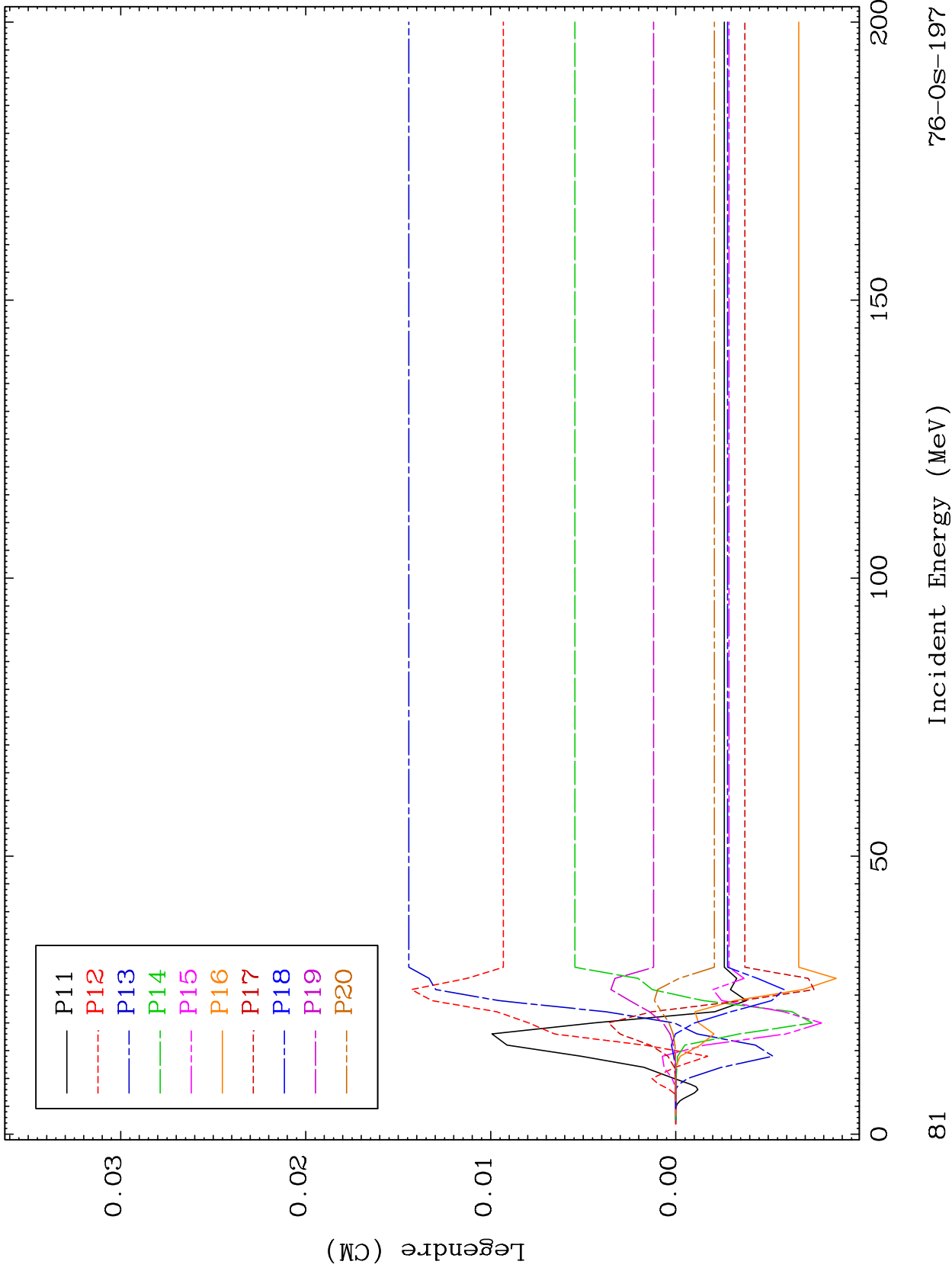




MAT 7664

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

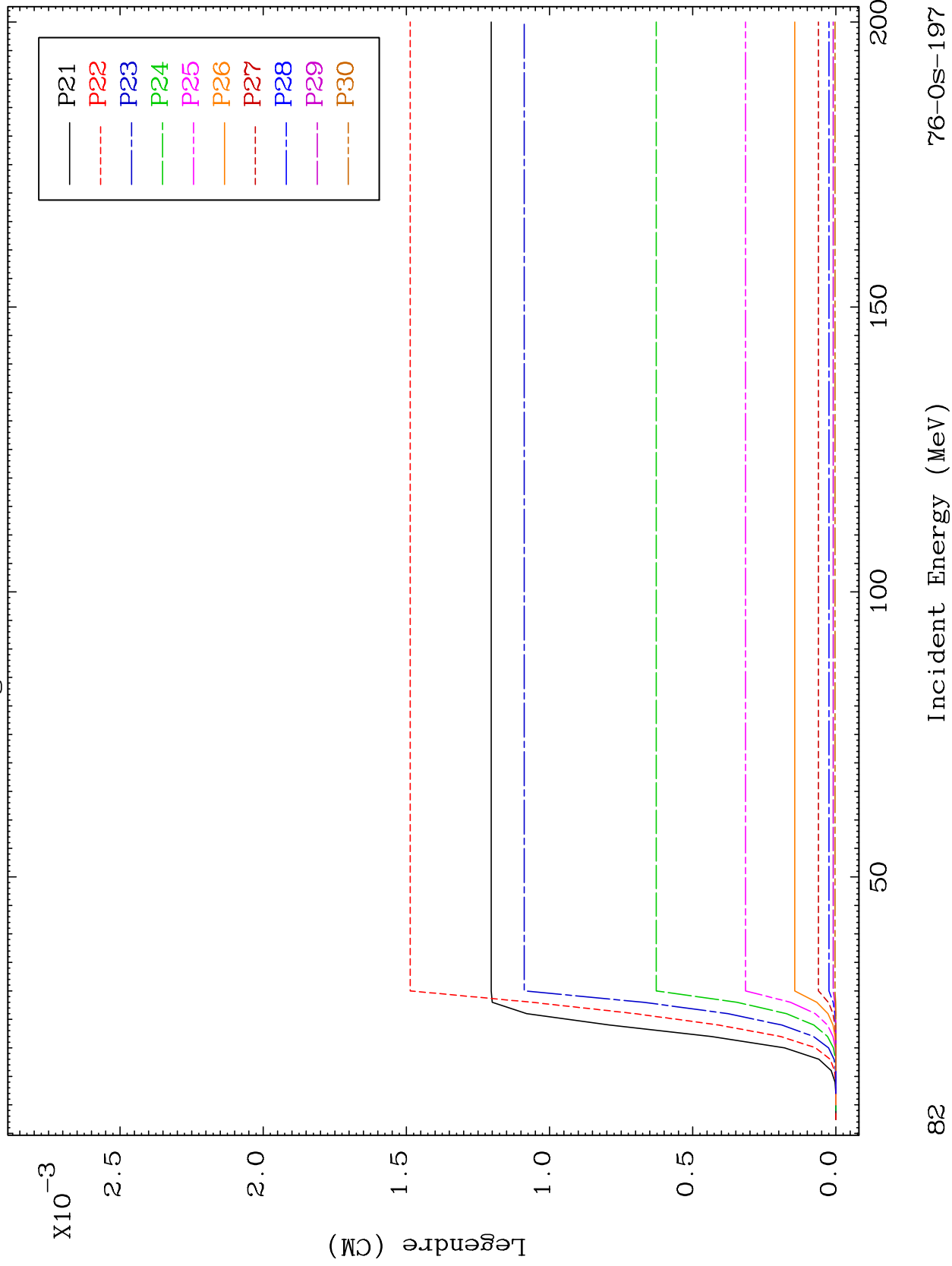
76-Os-197



MAT 7664

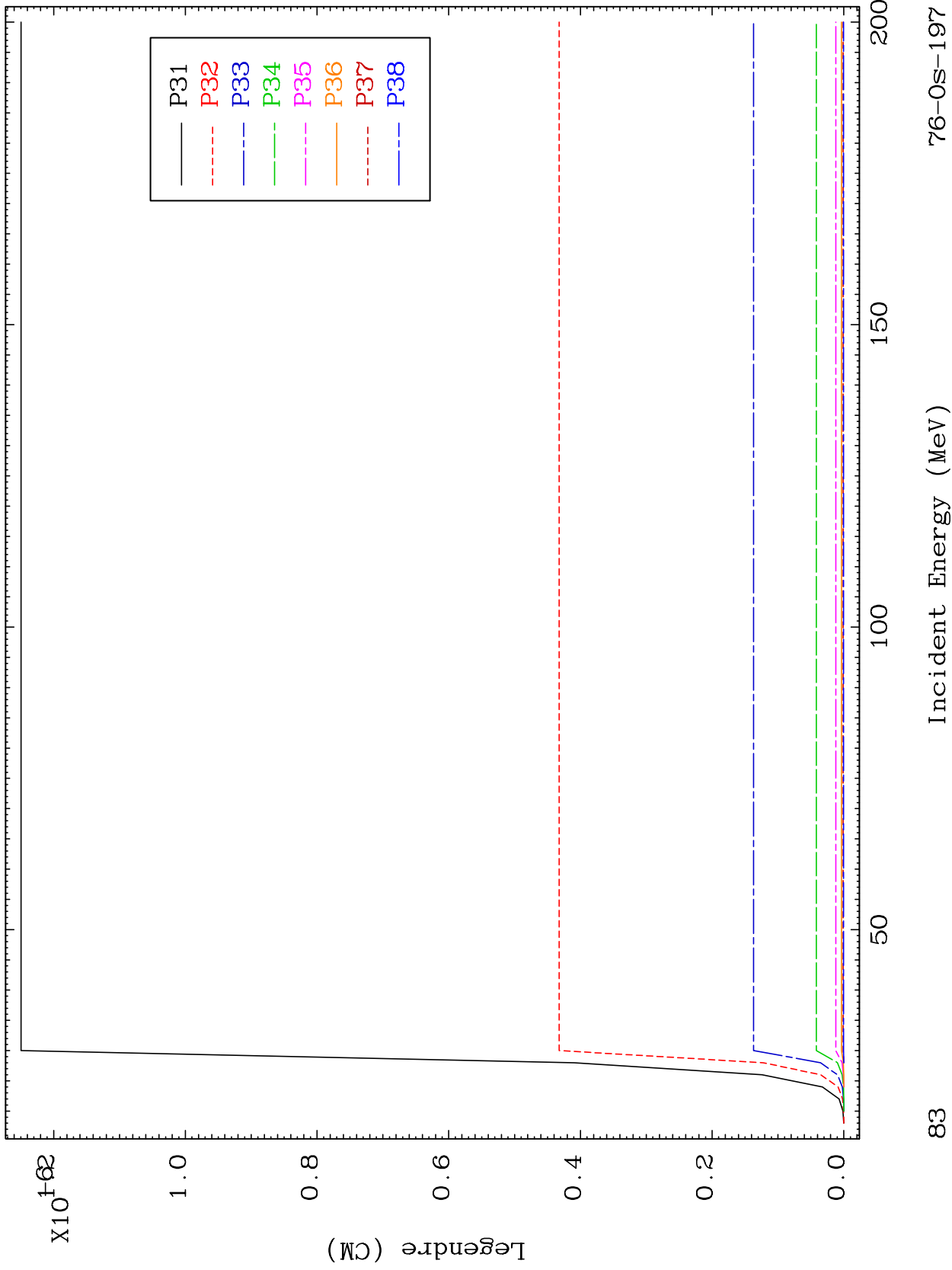
MT= 66 (n,n') Level
Legendre Coefficients

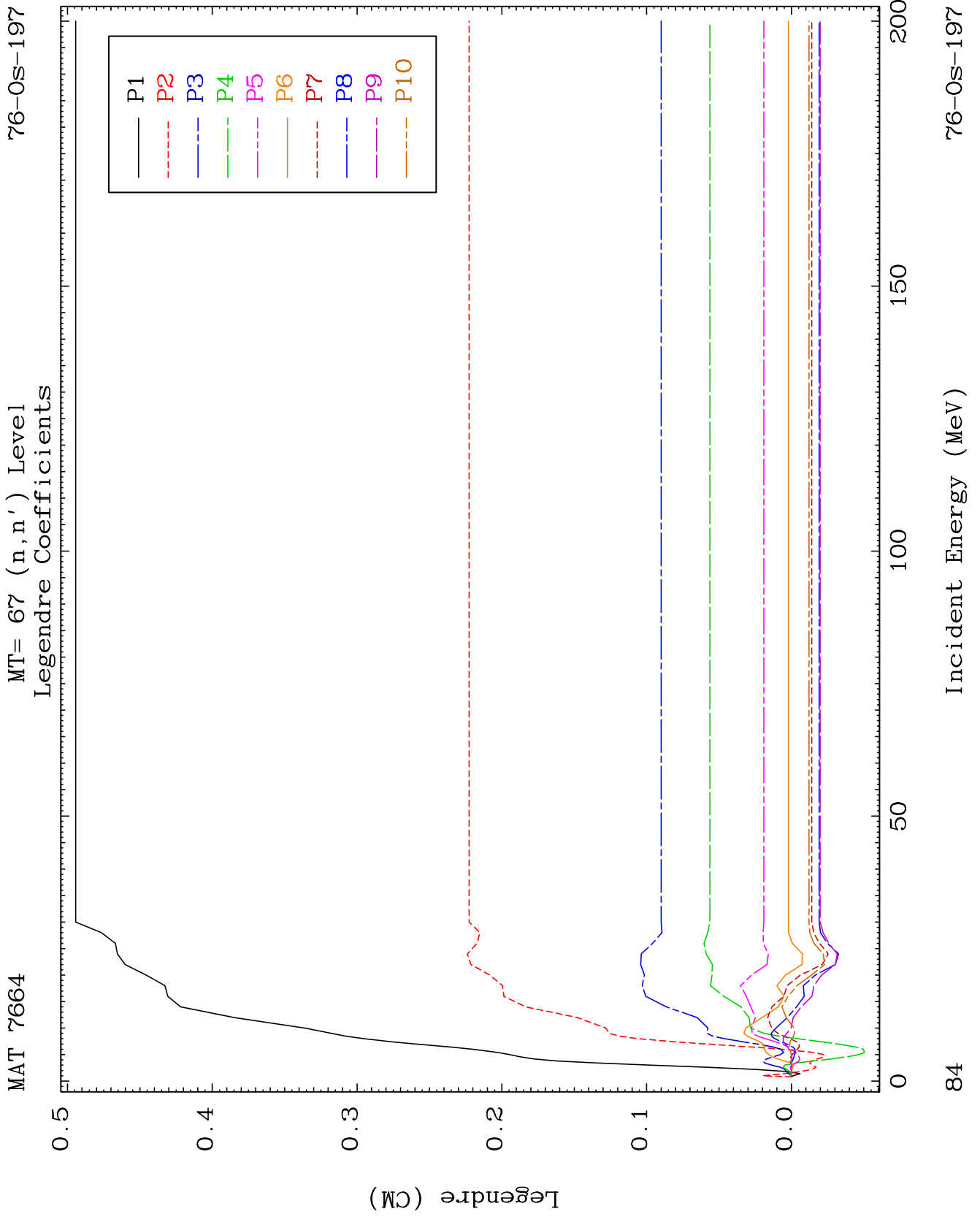
76-Os-197



82

76-Os-197

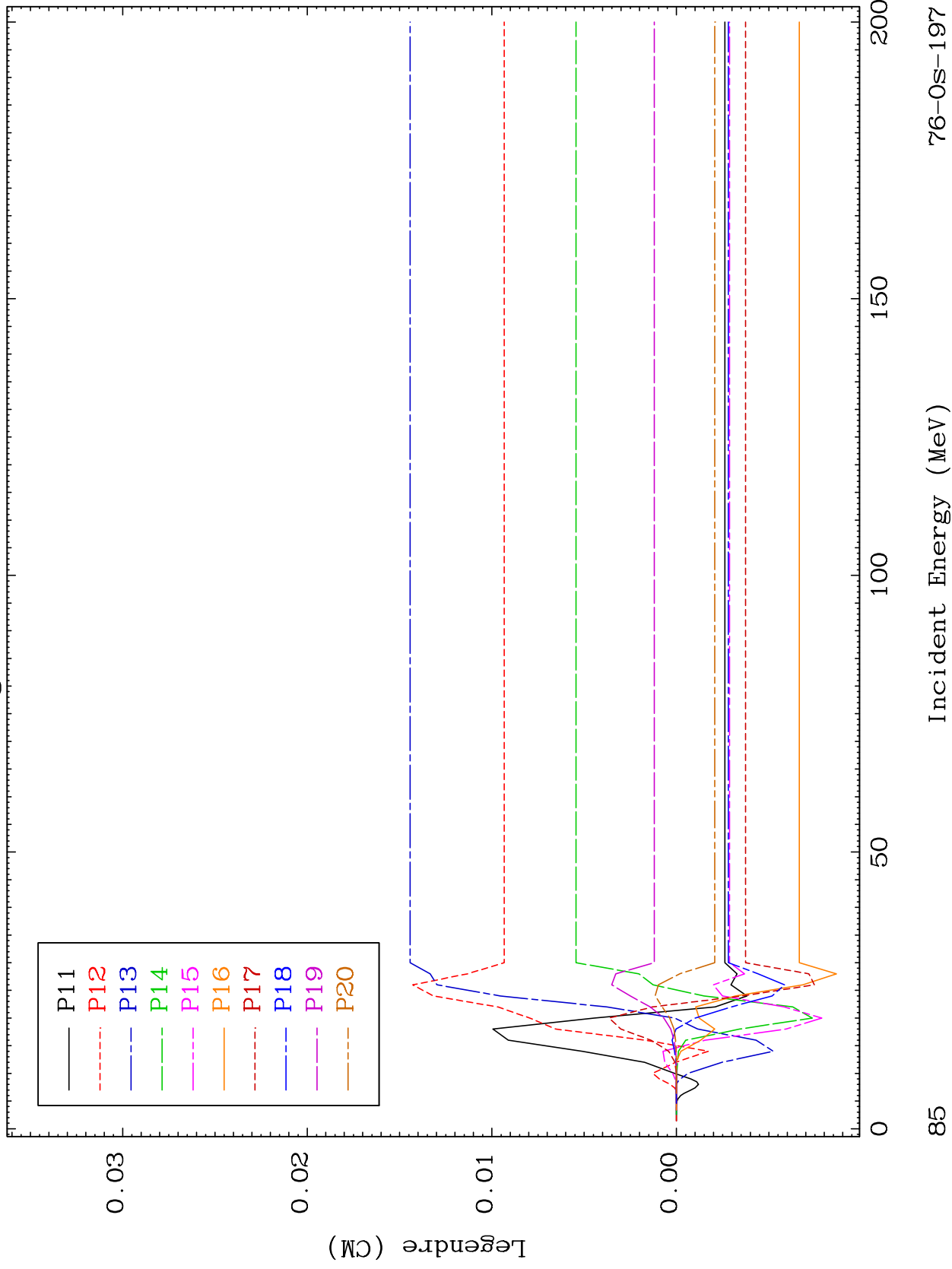




MAT 7664

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

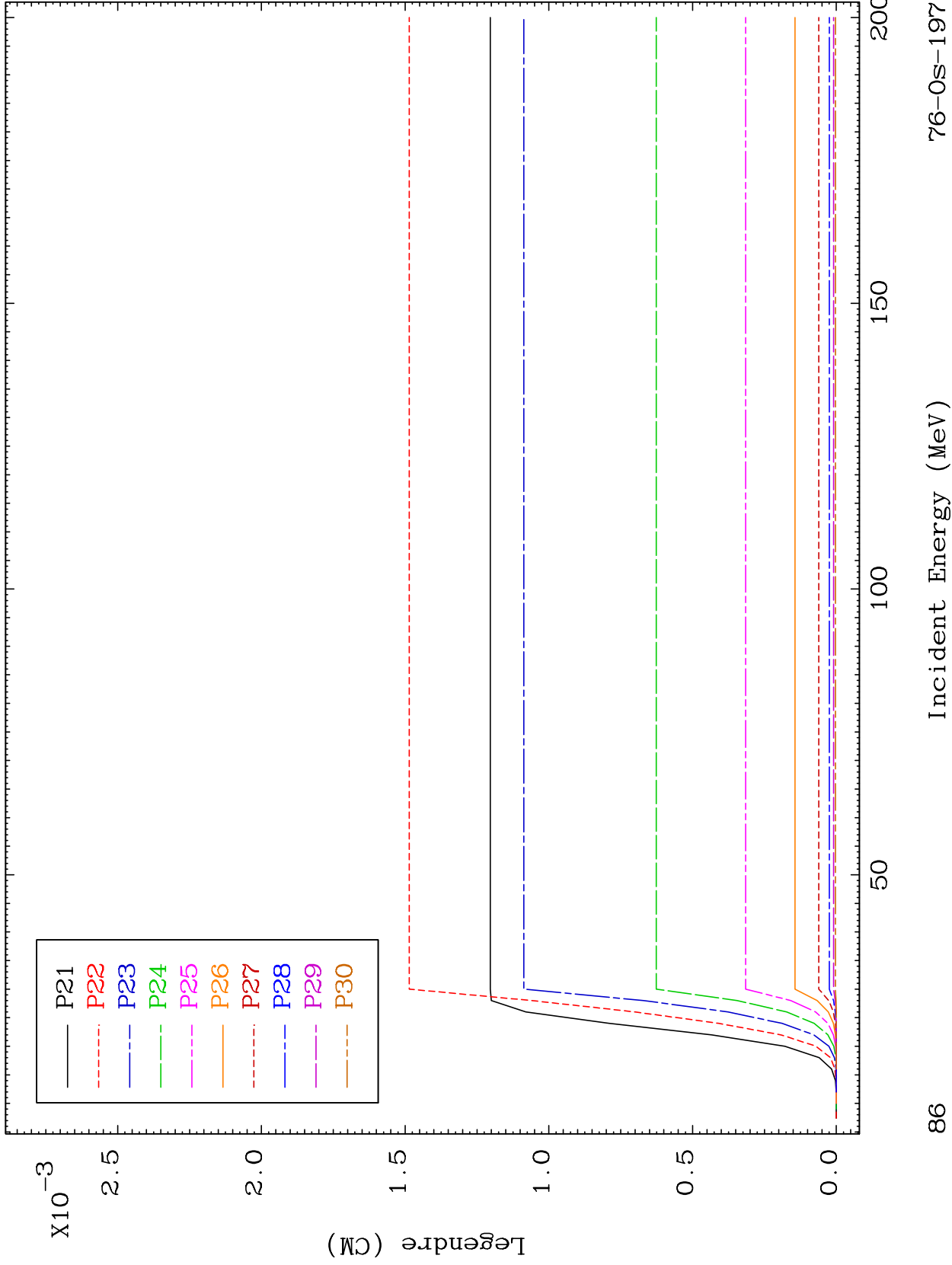
76-0s-197



85

Incident Energy (MeV)

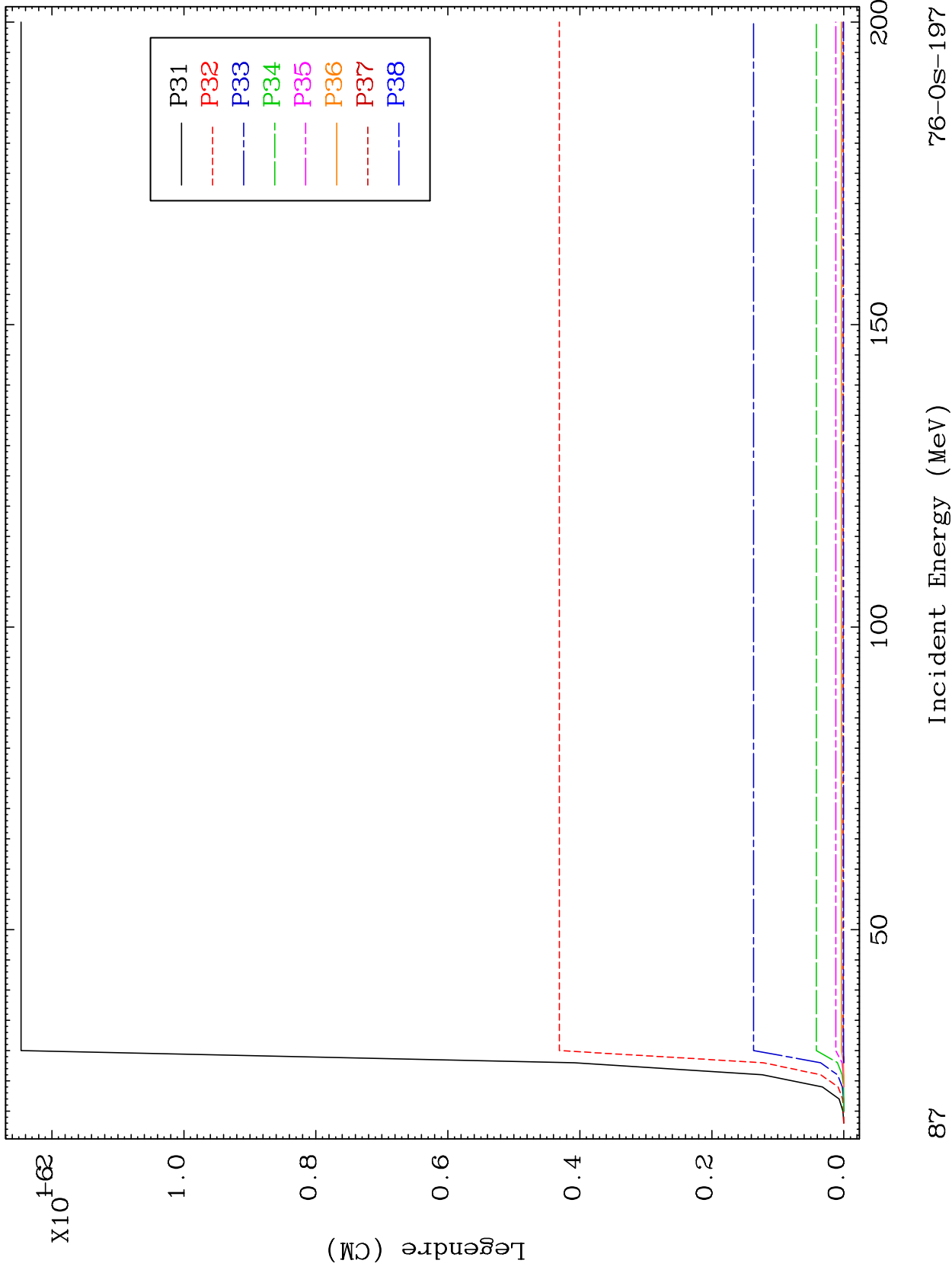
76-0s-197



MAT 7664

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

76-Os-197



87

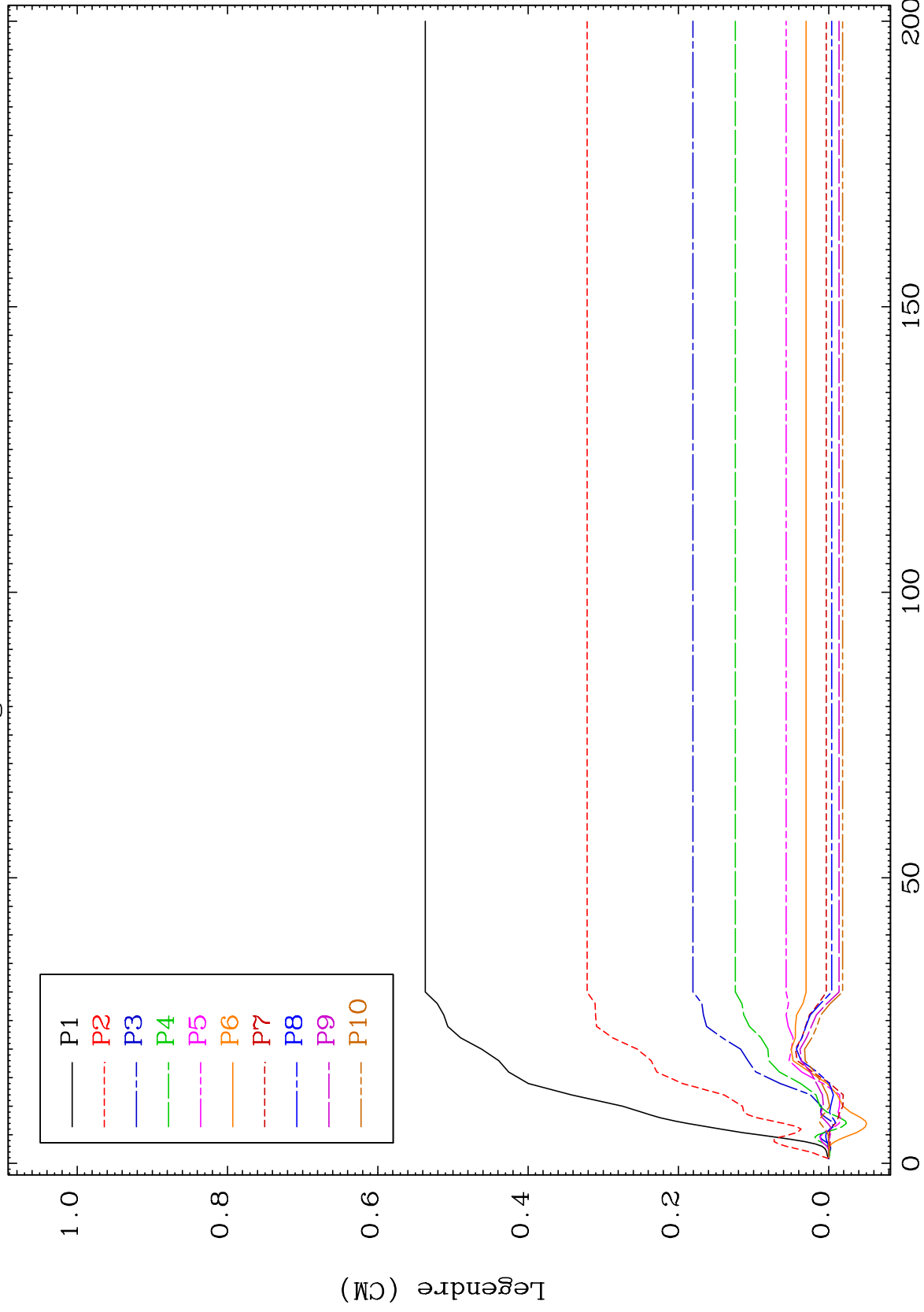
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



88

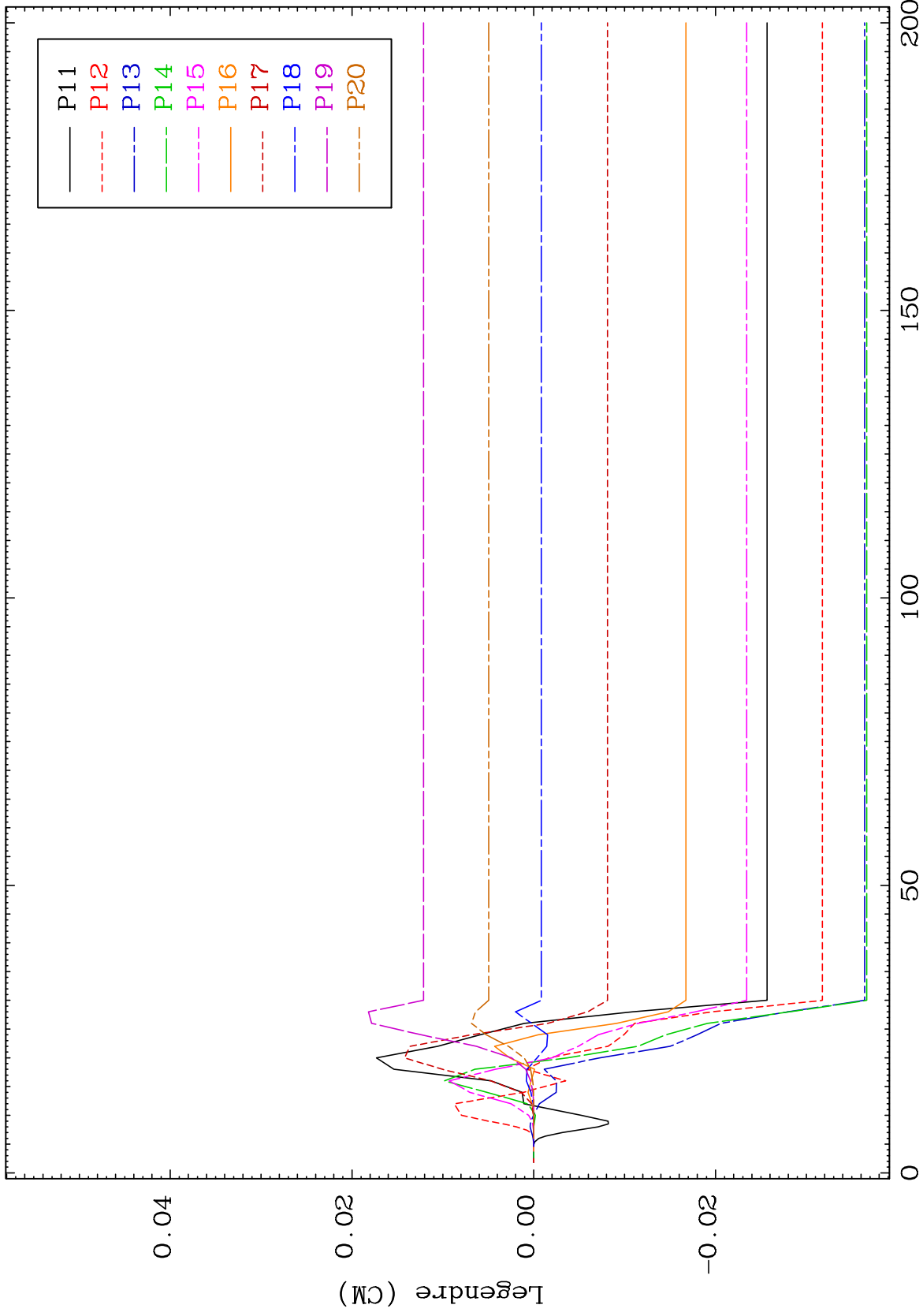
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-Os-197



89

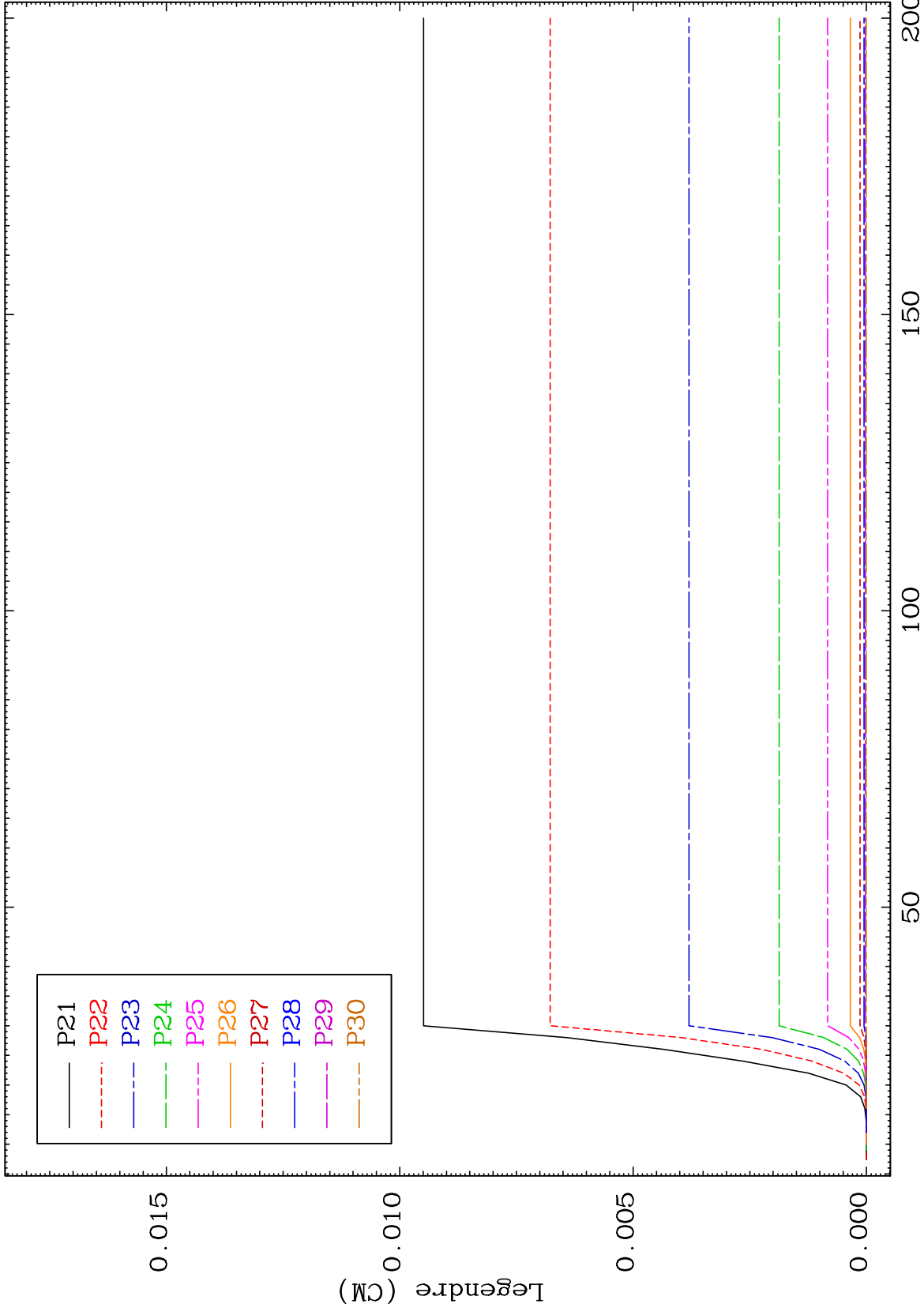
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



90

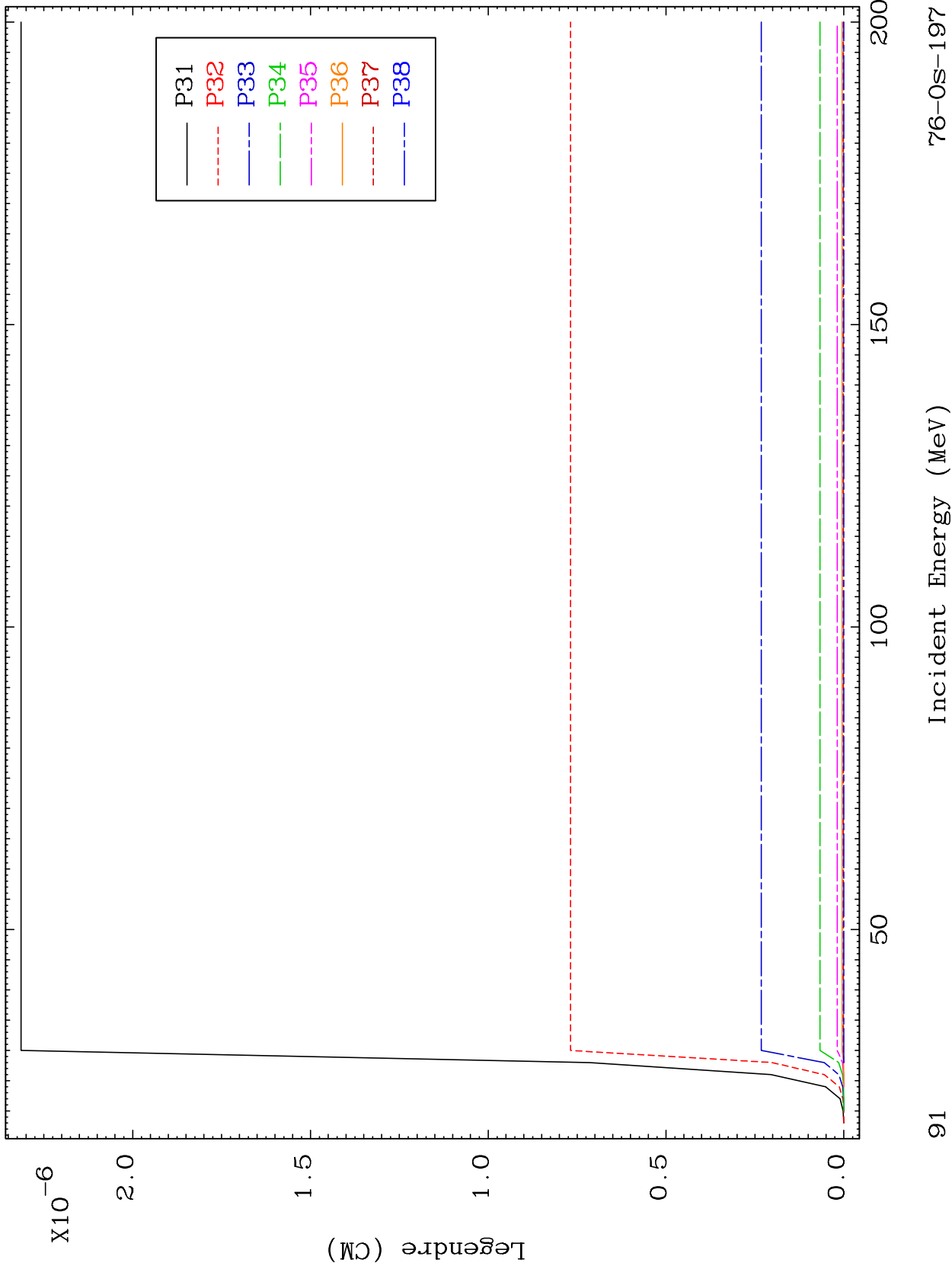
Incident Energy (MeV)

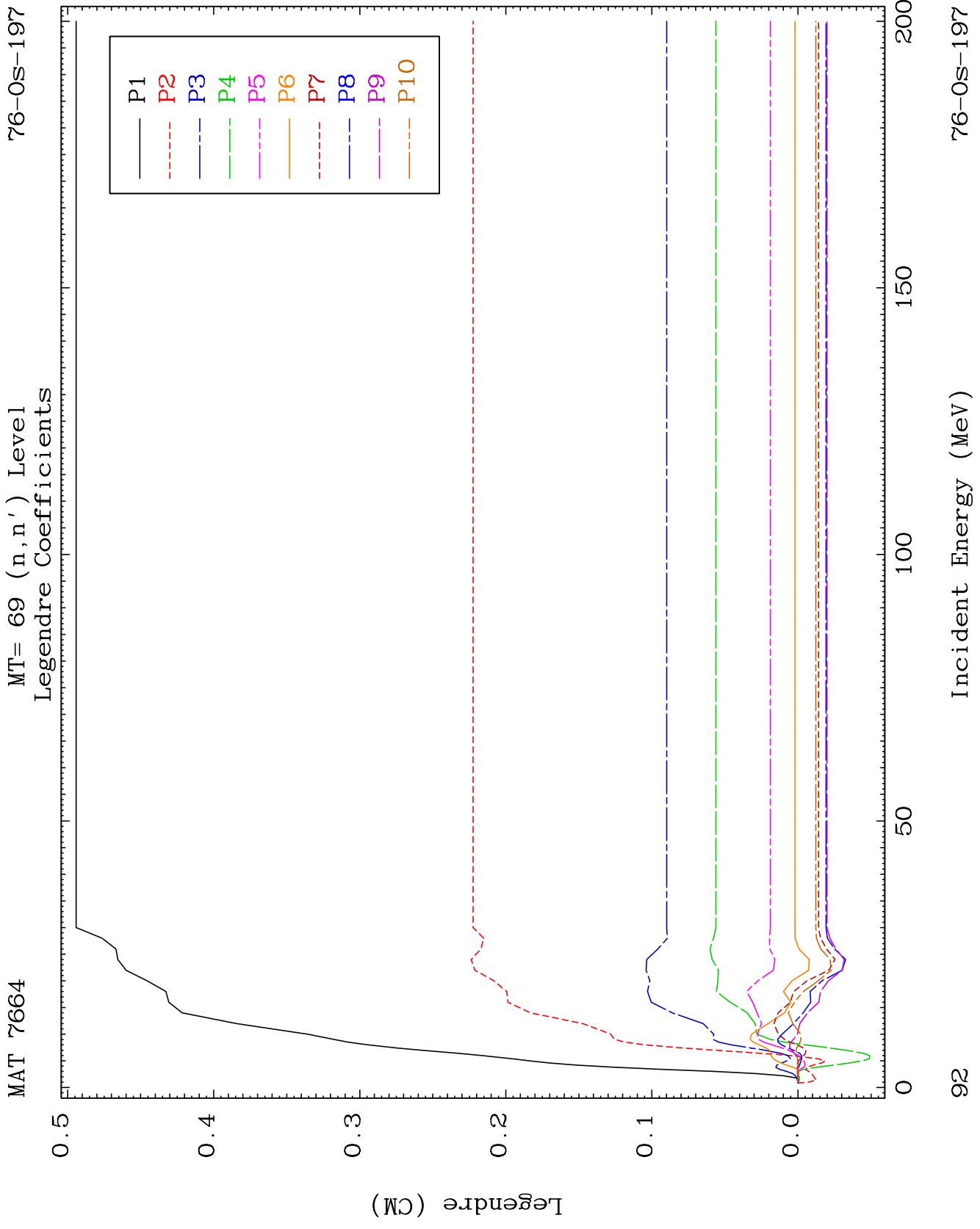
76-0s-197

MAT 7664

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

76-Os-197

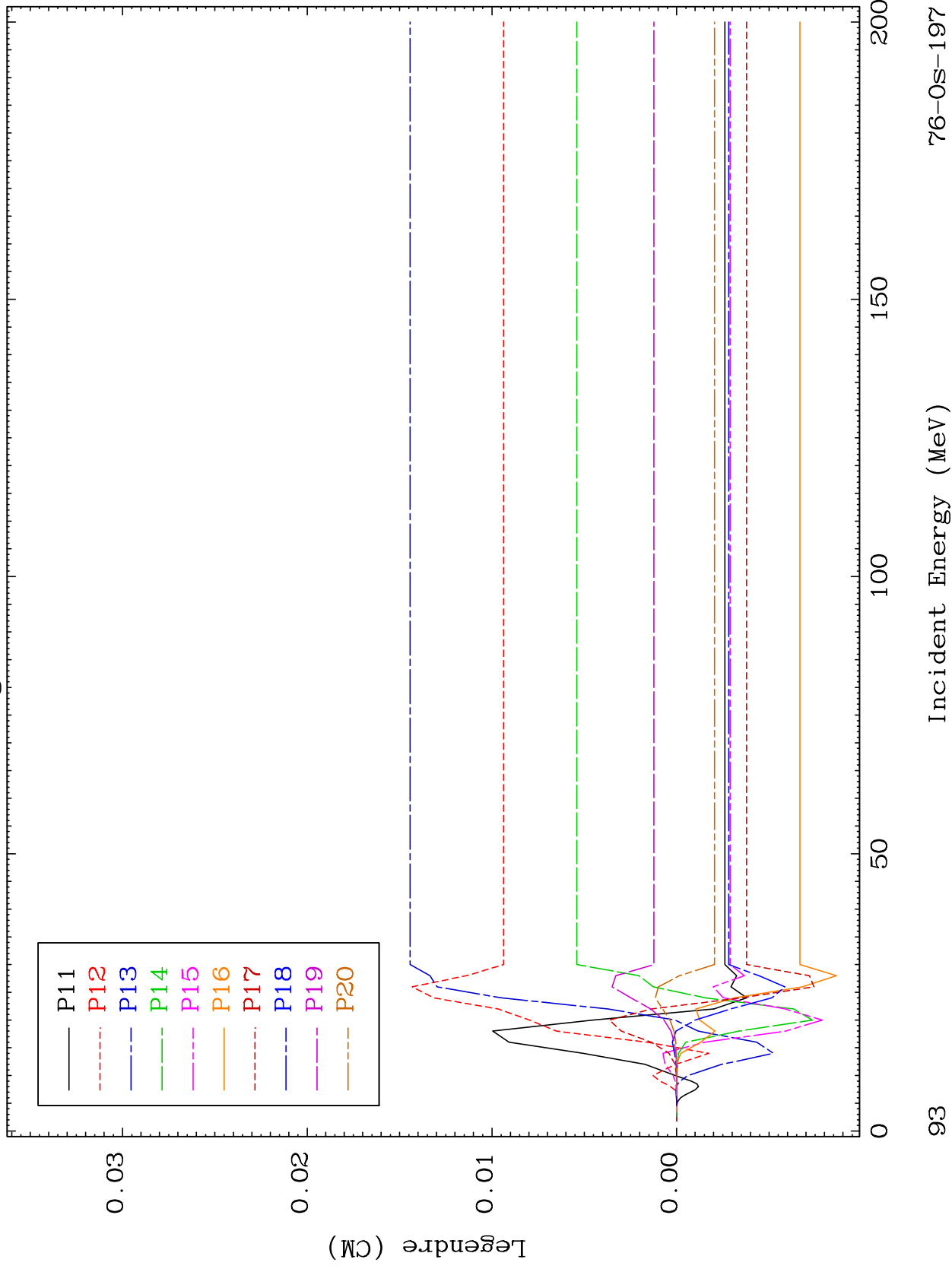


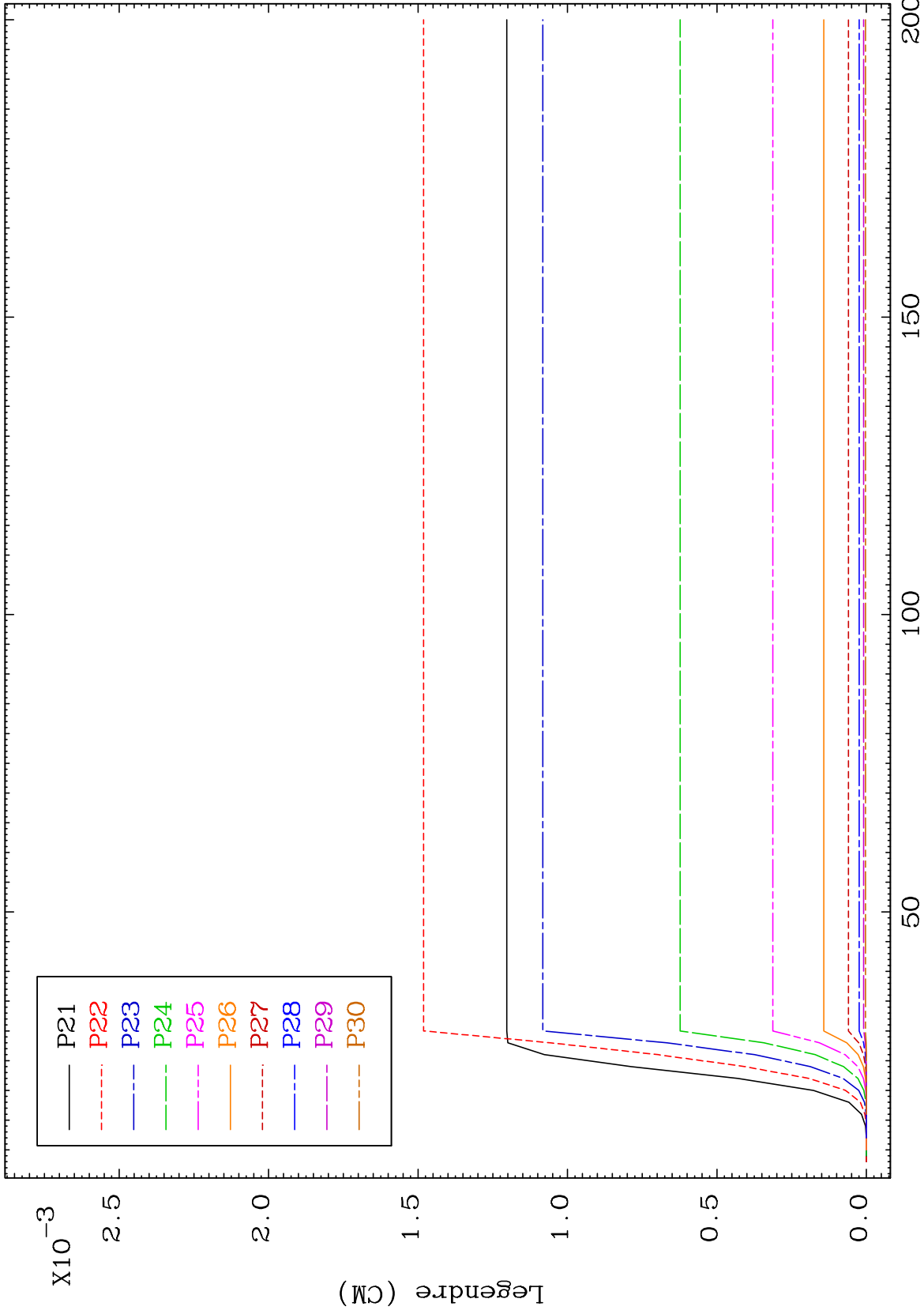


MAT 7664

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

76-0s-197

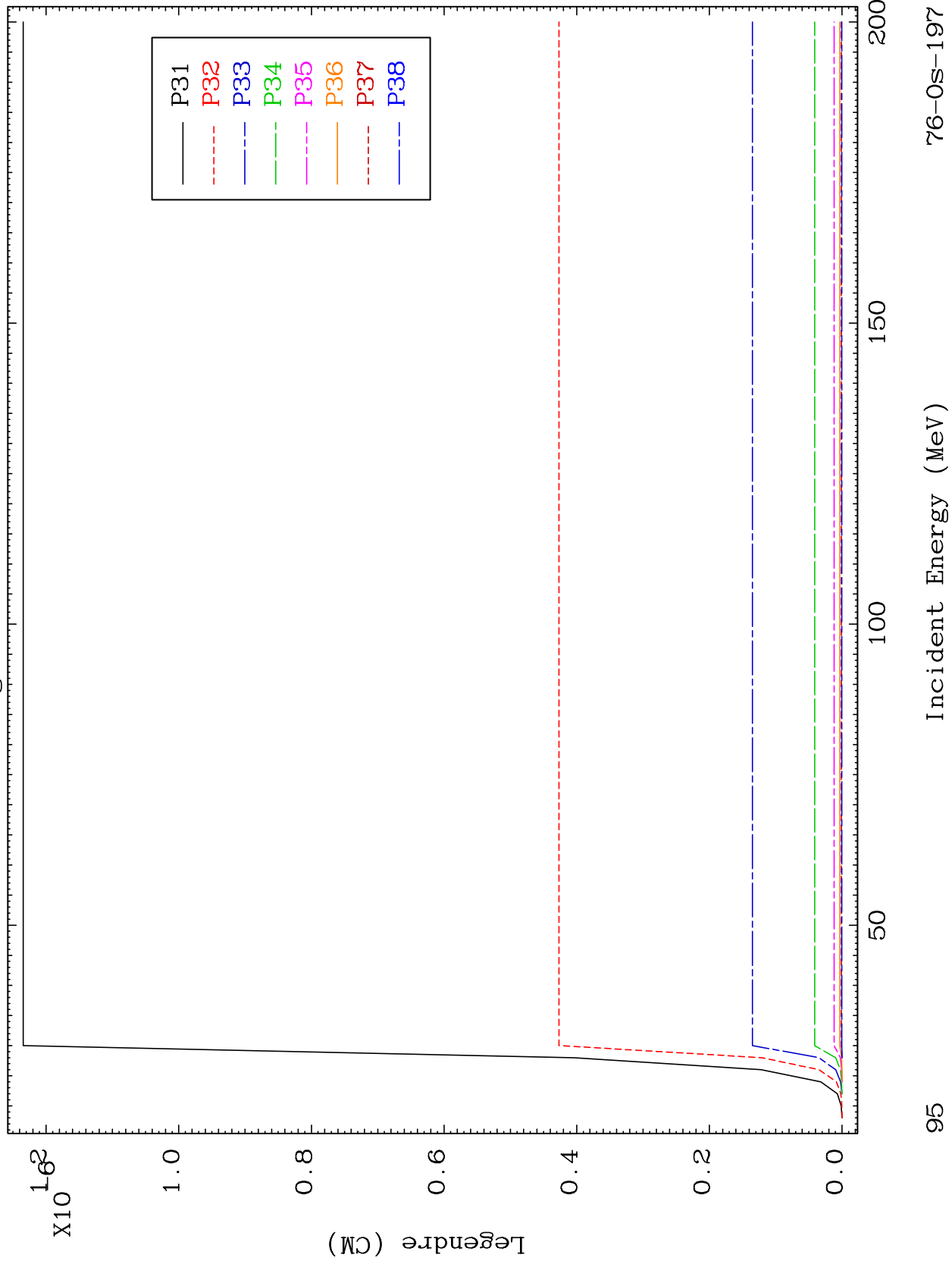




MAT 7664

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

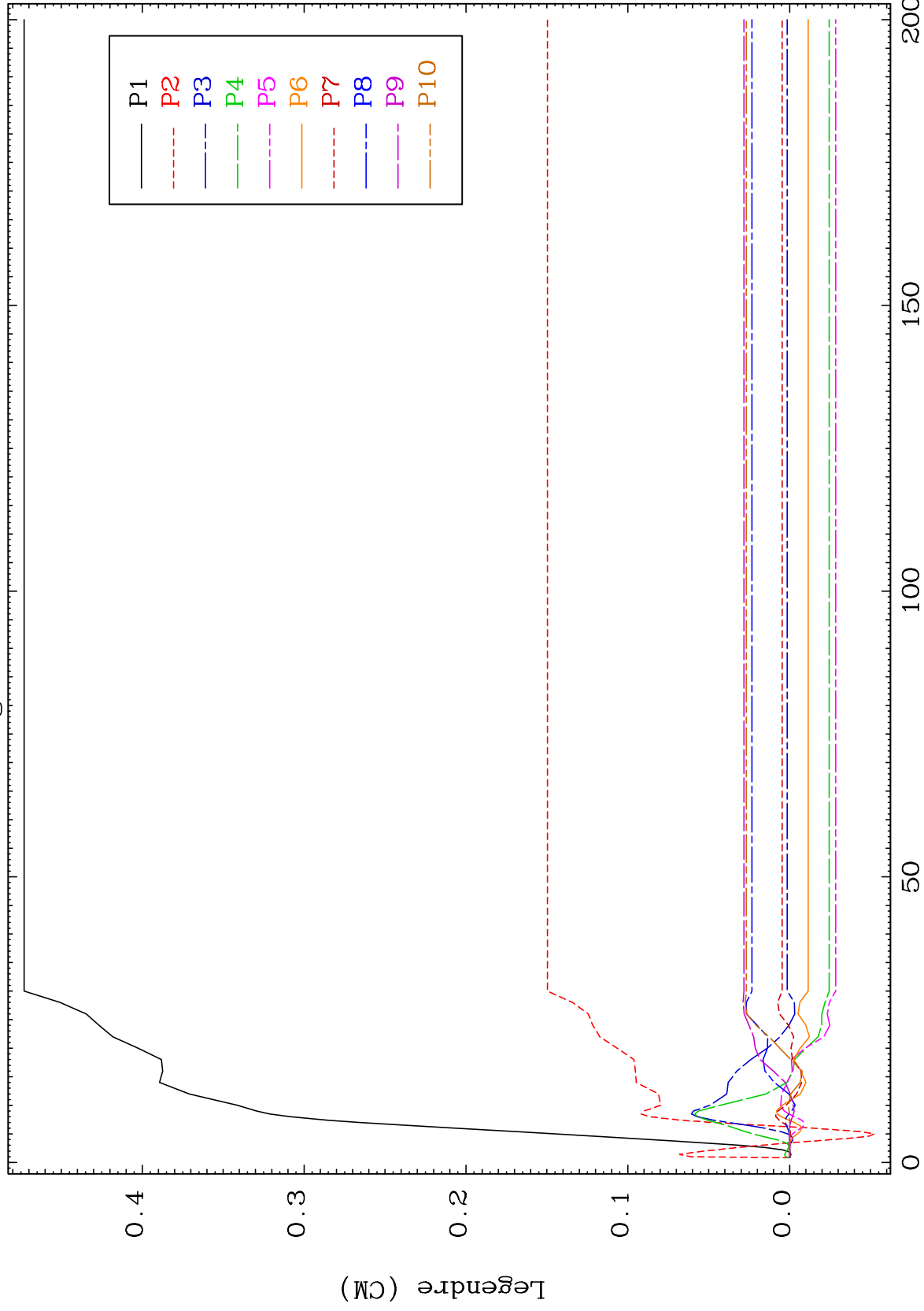
76-Os-197



MAT 7664

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

76-Os-197



96

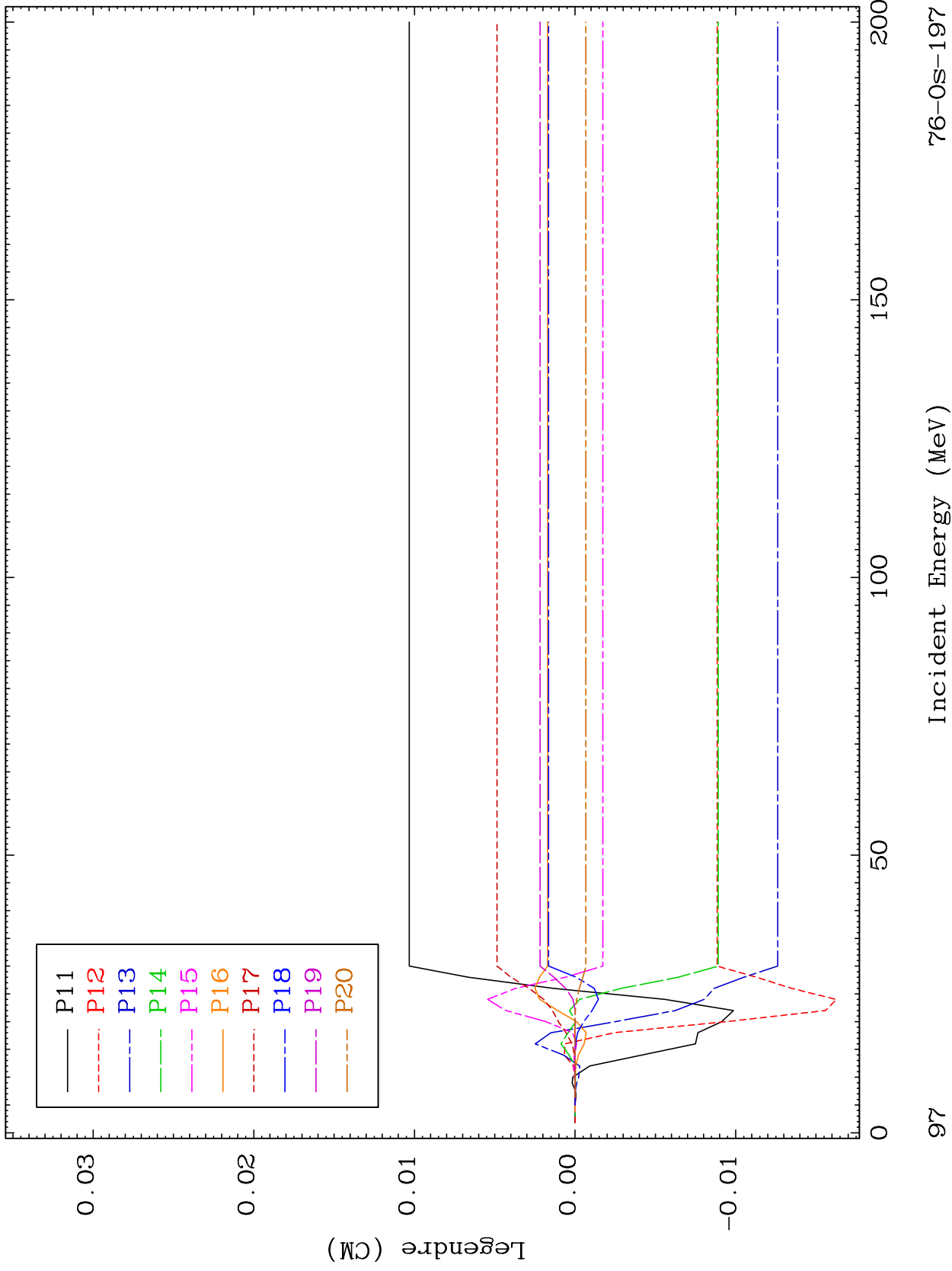
Incident Energy (MeV)

76-Os-197

MAT 7664

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

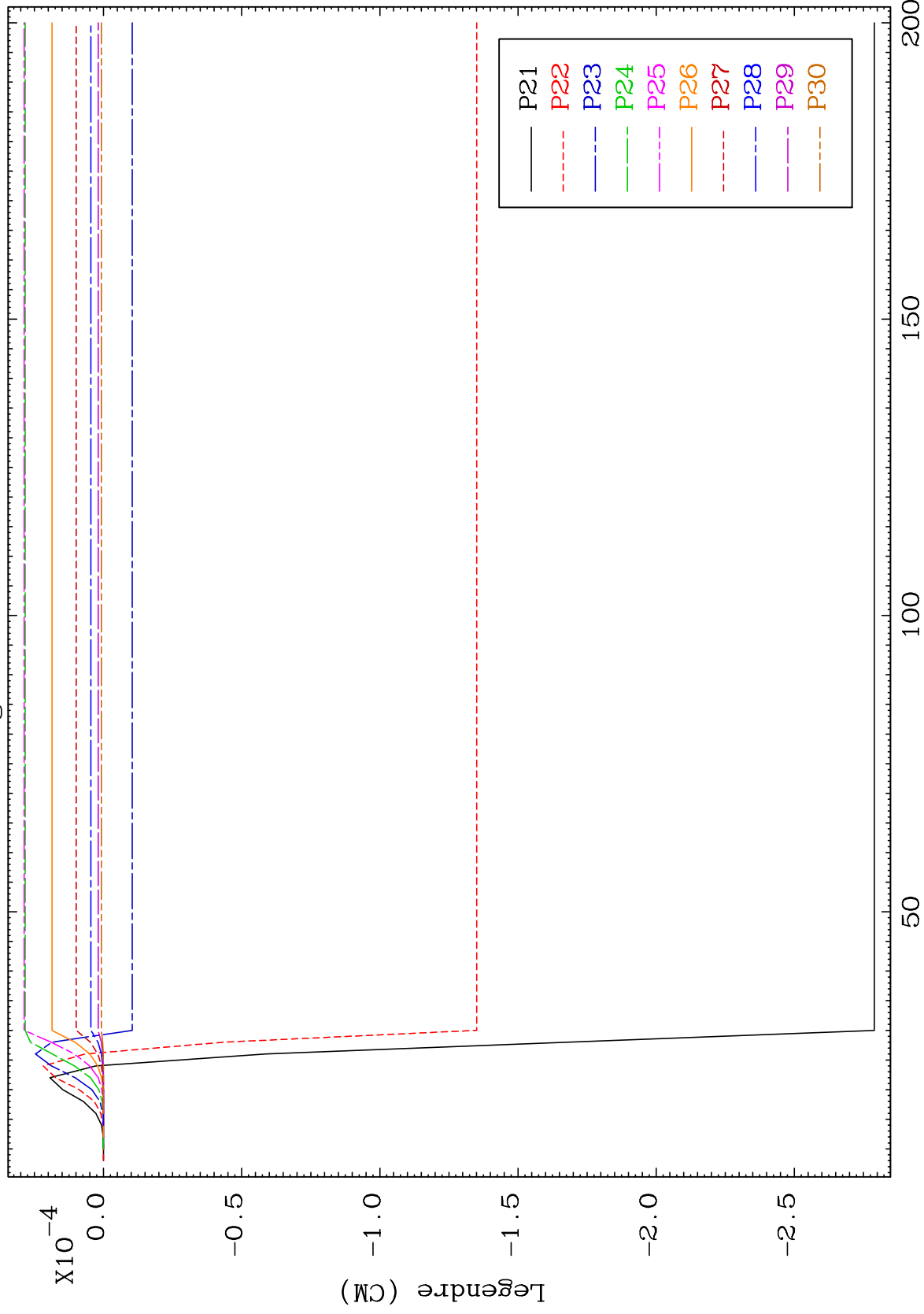
76-0s-197



MAT 7664

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

76-0s-197



98

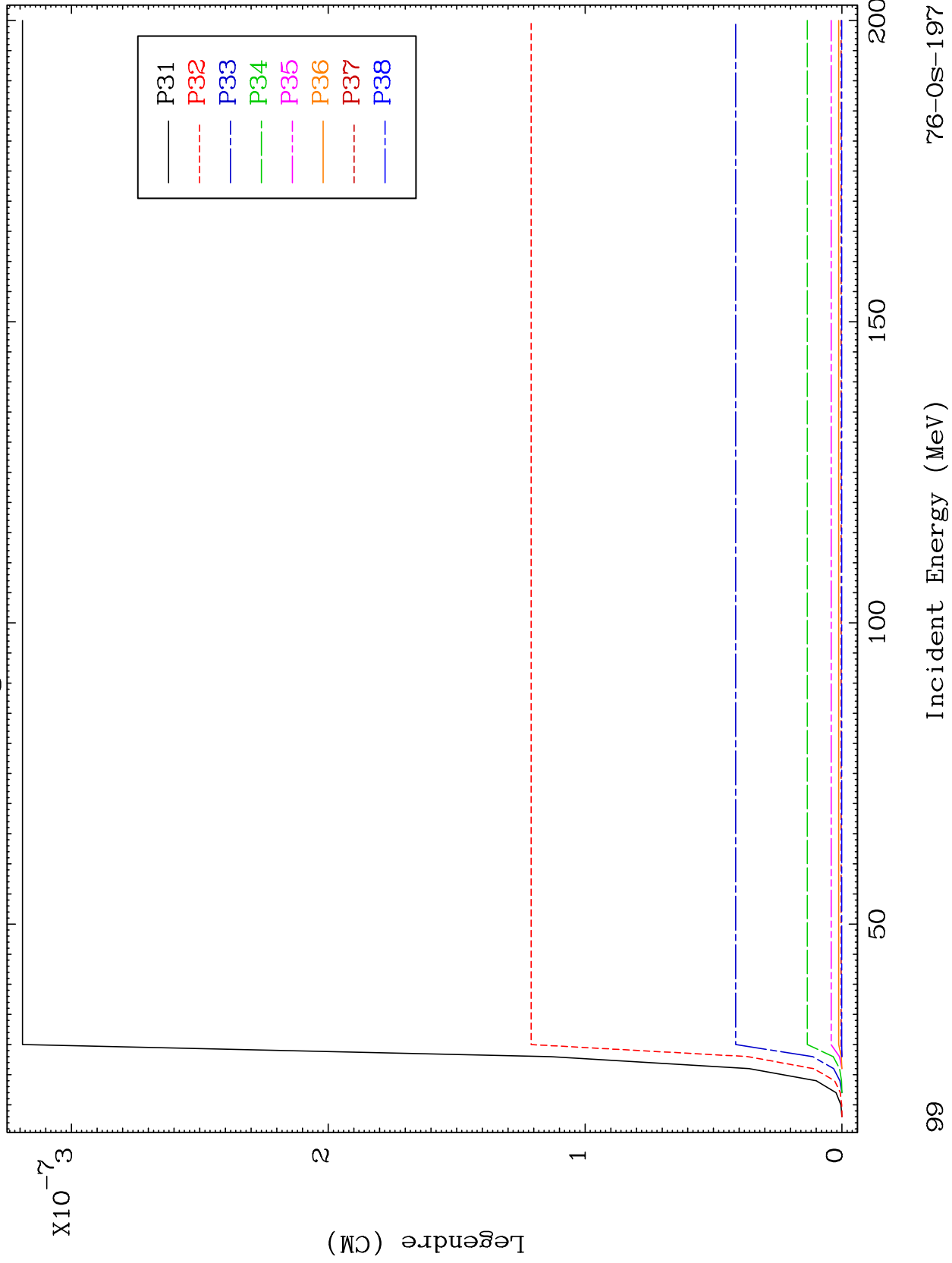
Incident Energy (MeV)

76-0s-197

MAT 7664

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

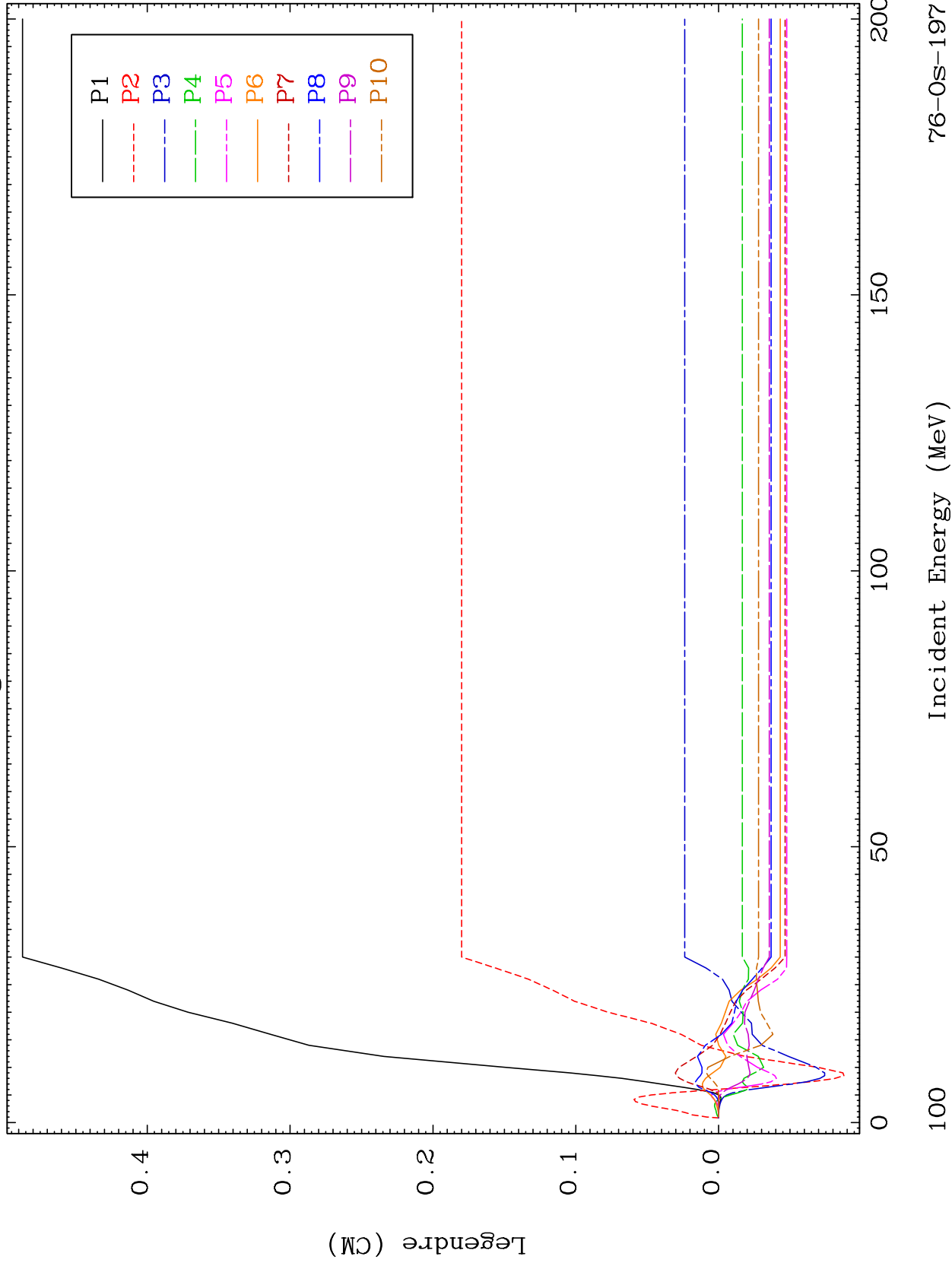
76-Os-197



MAT 7664

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

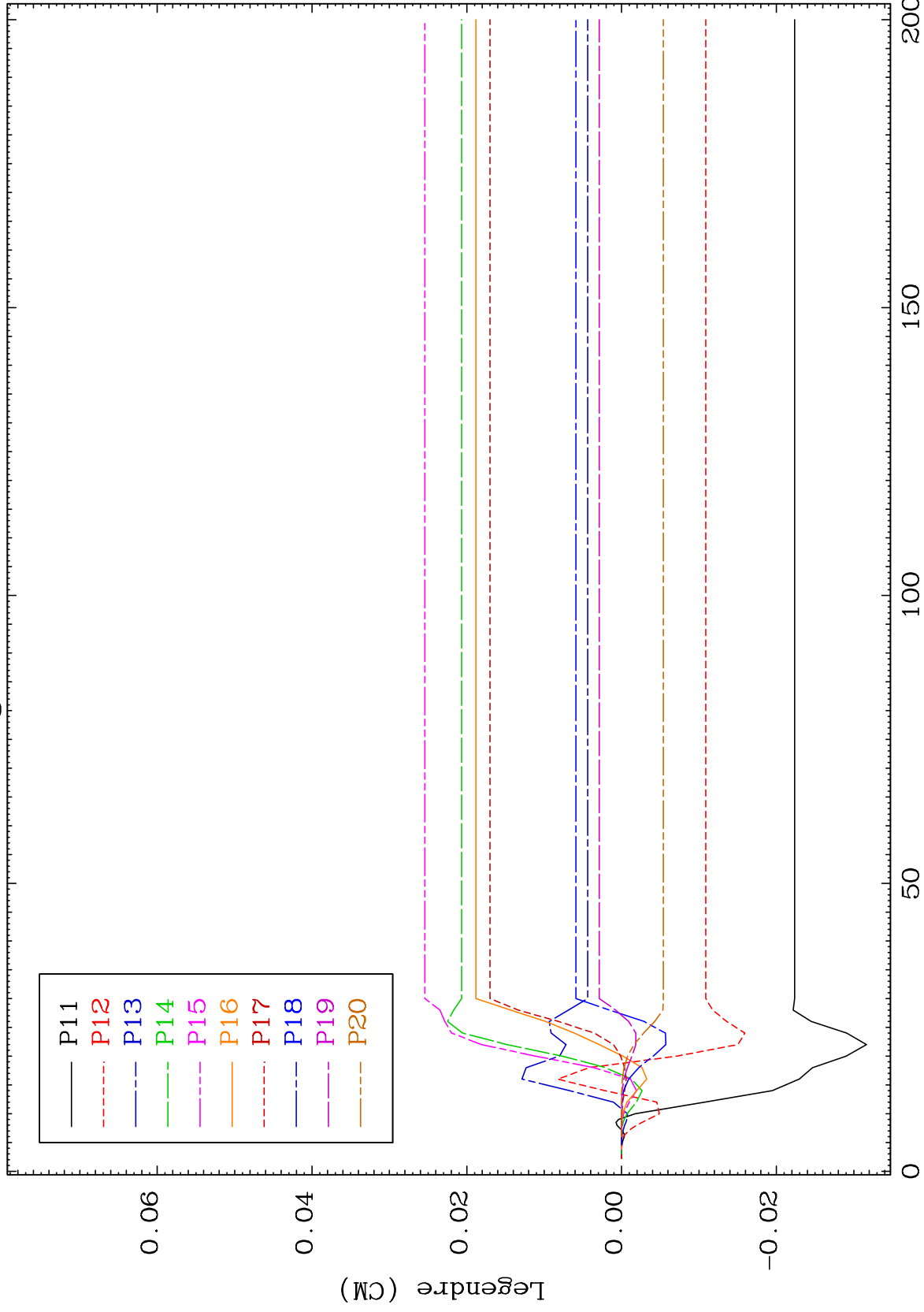
76-0s-197



MAT 7664

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

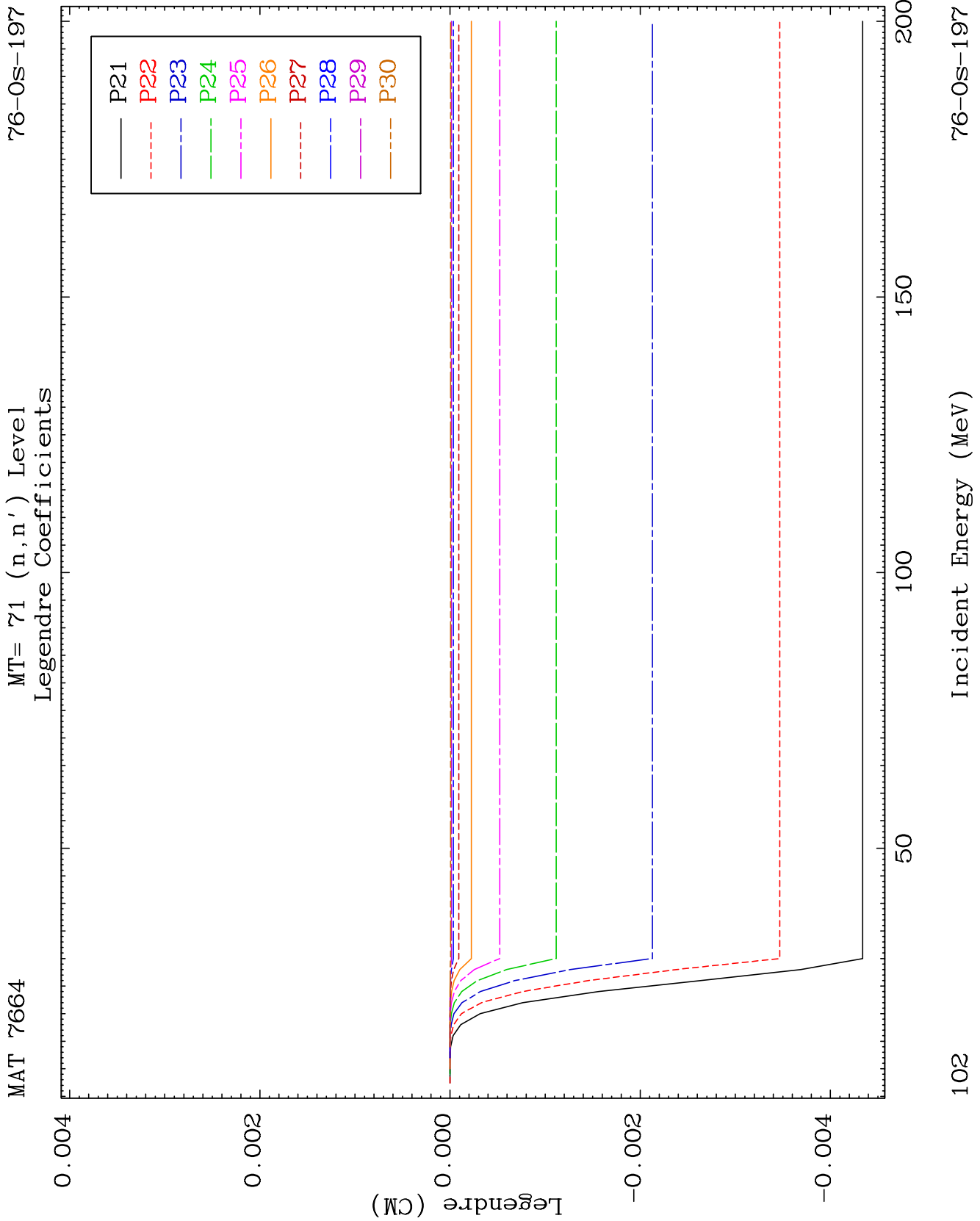
76-0s-197

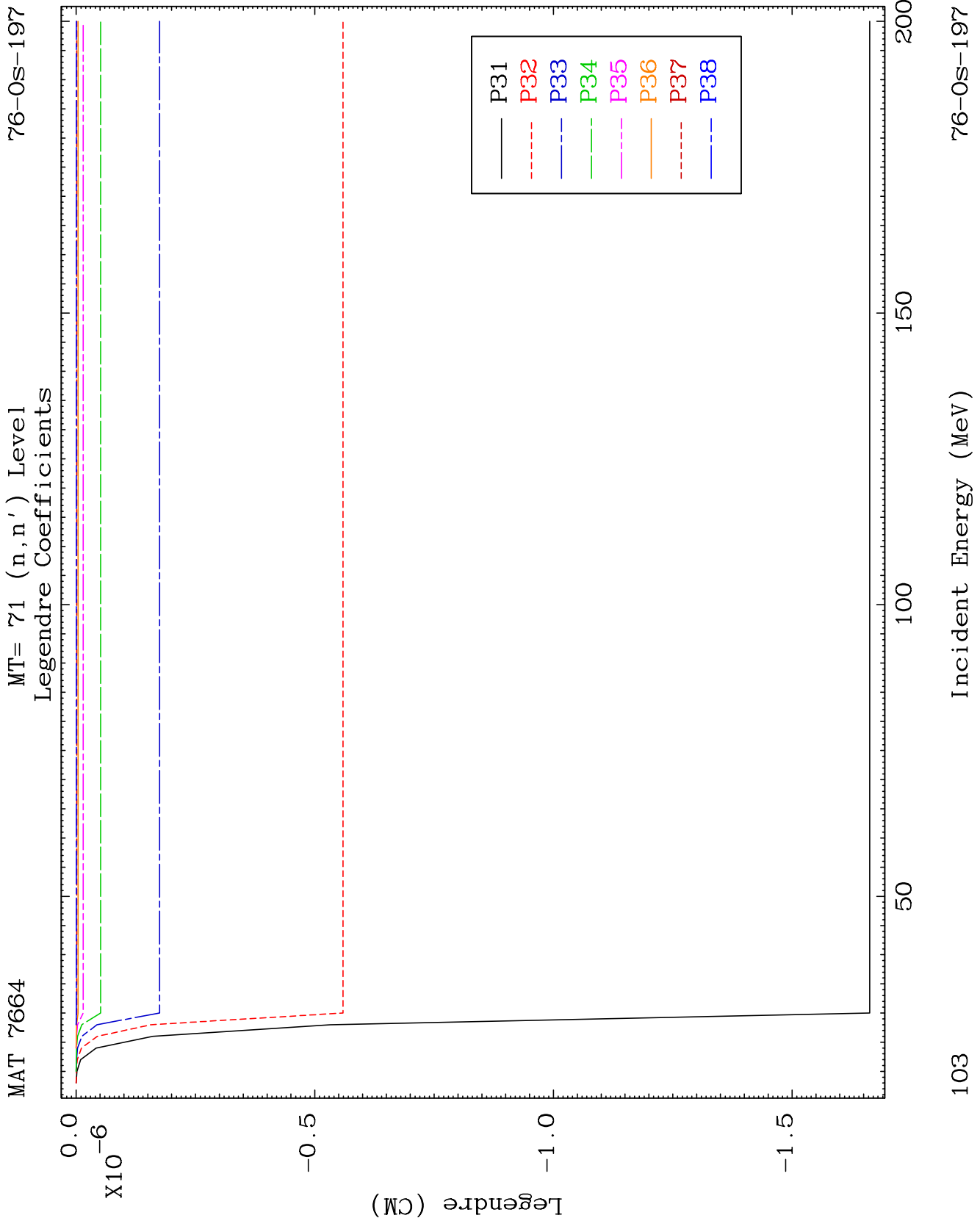


101

Incident Energy (MeV)

76-0s-197

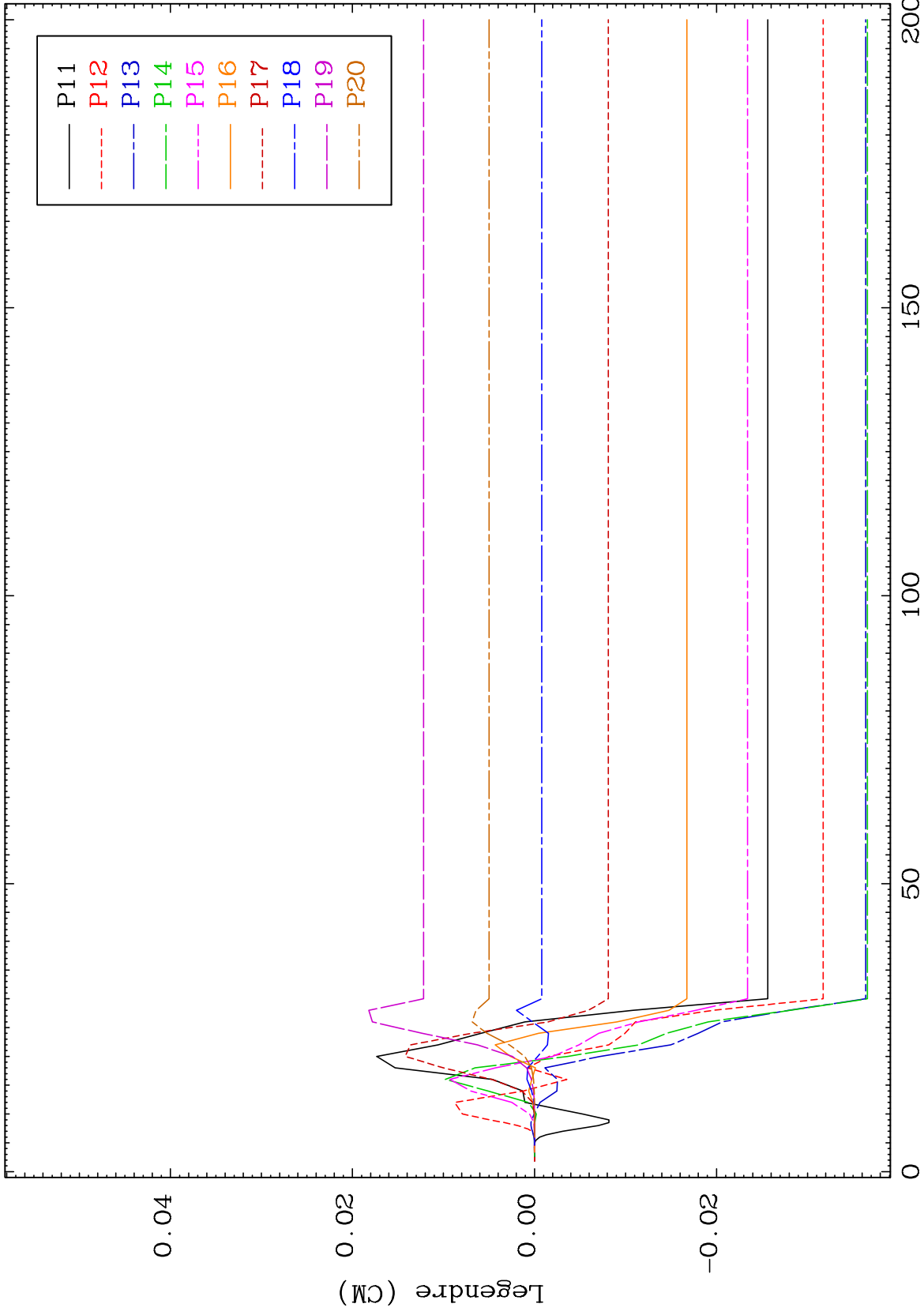




MAT 7664

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

76-Os-197



105

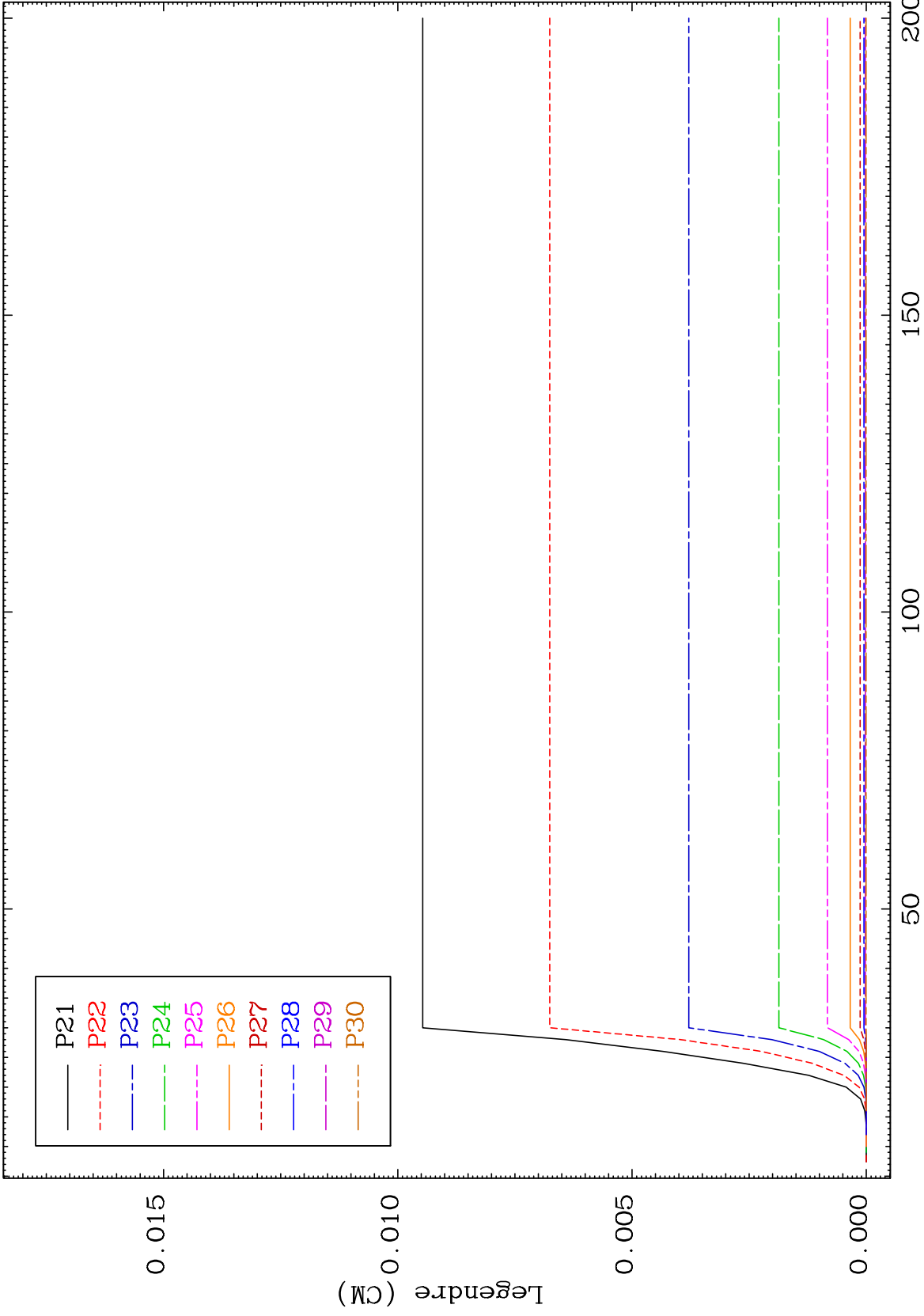
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



106

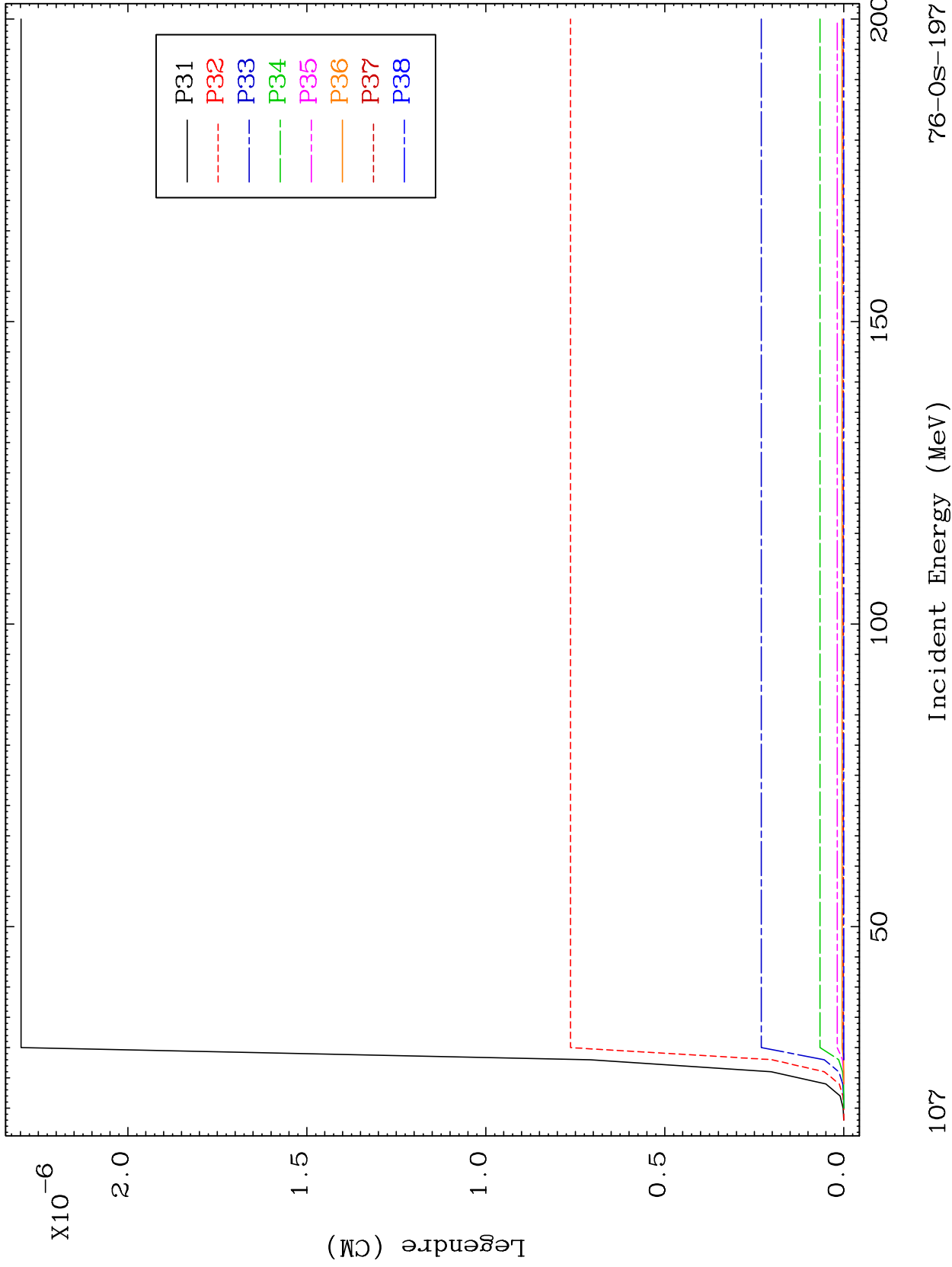
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-Os-197



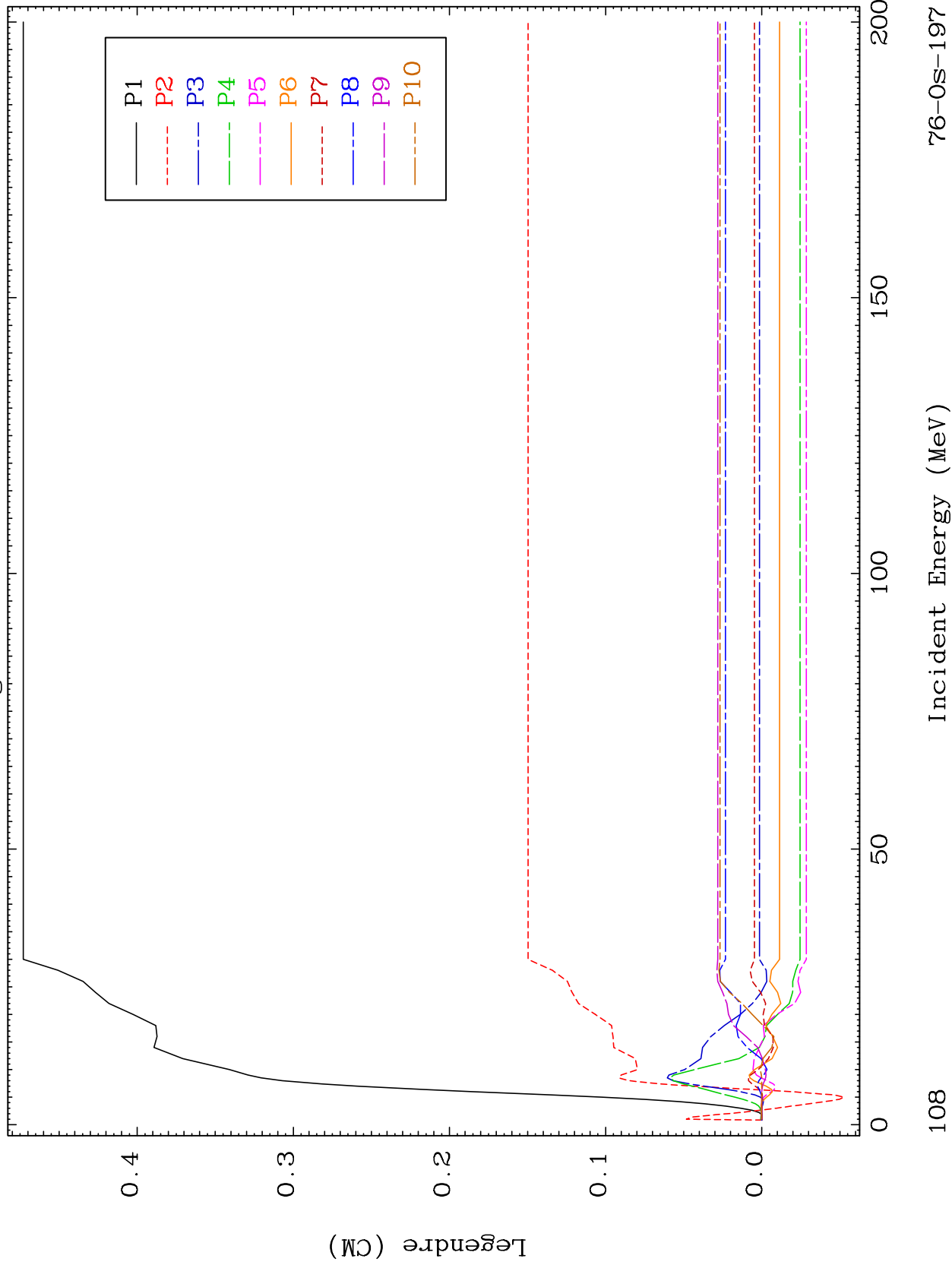
107

76-Os-197

MAT 7664

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

76-0s-197



76-0s-197

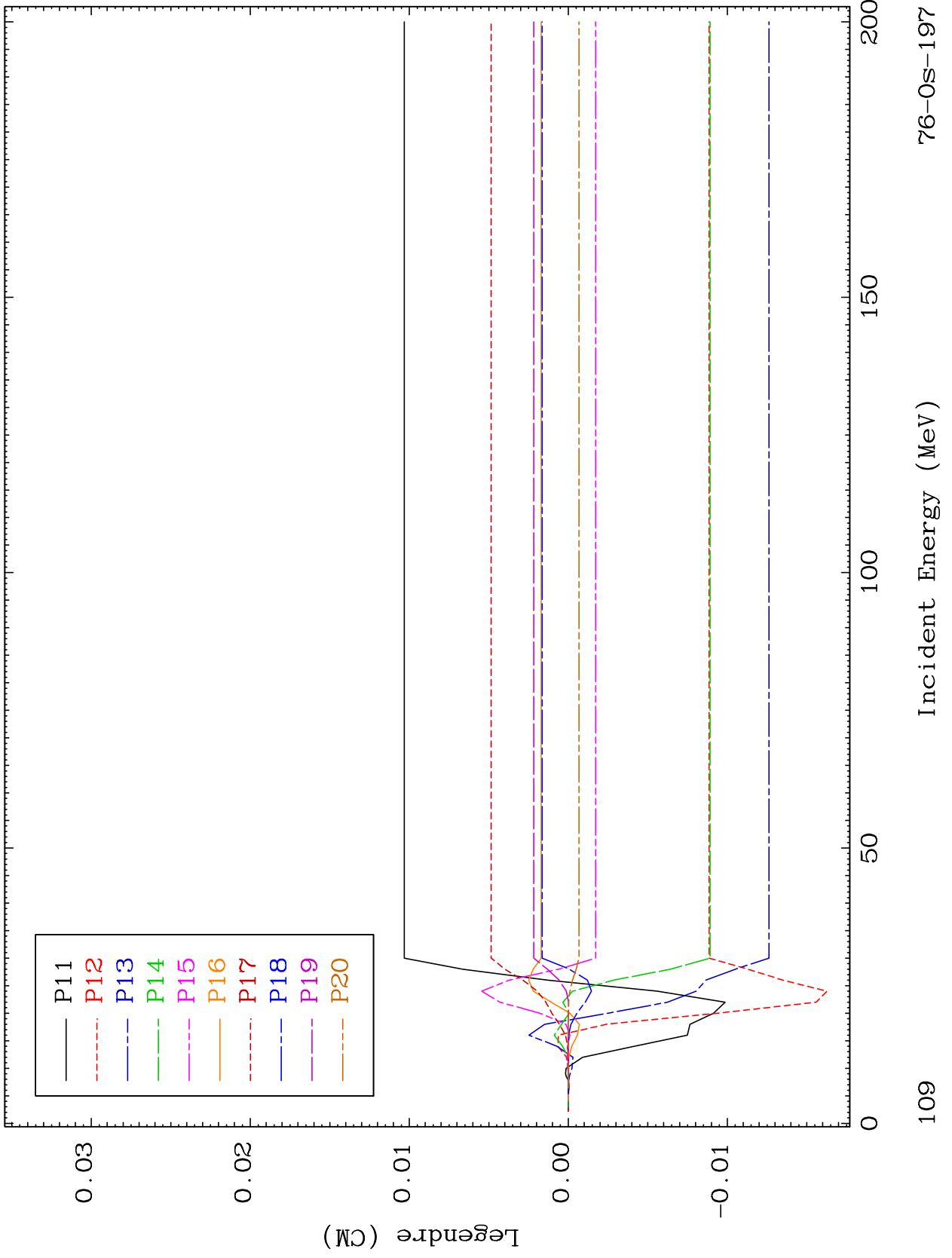
Incident Energy (MeV)

108

MAT 7664

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

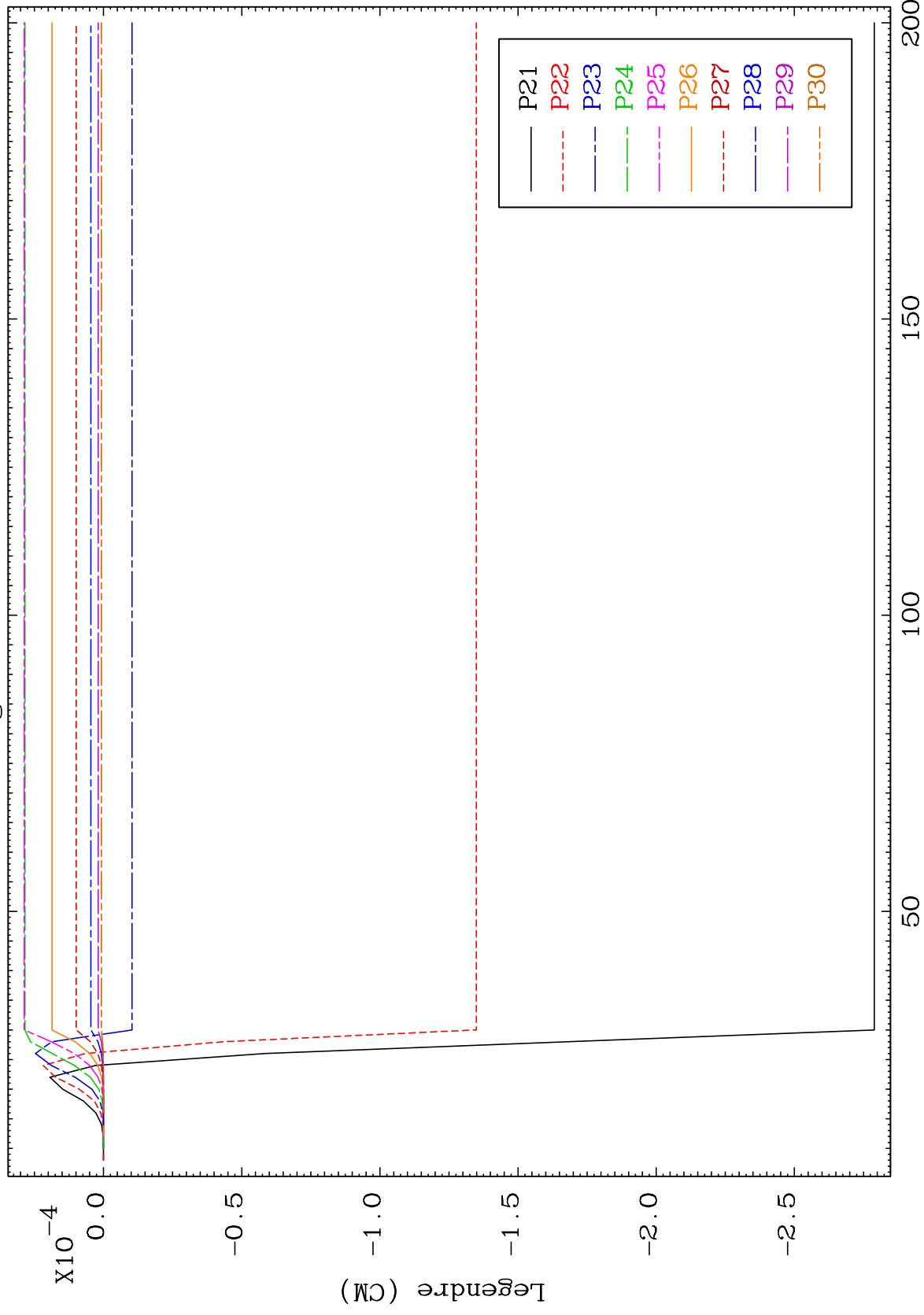
76-0s-197



MAT 7664

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

76-0s-197



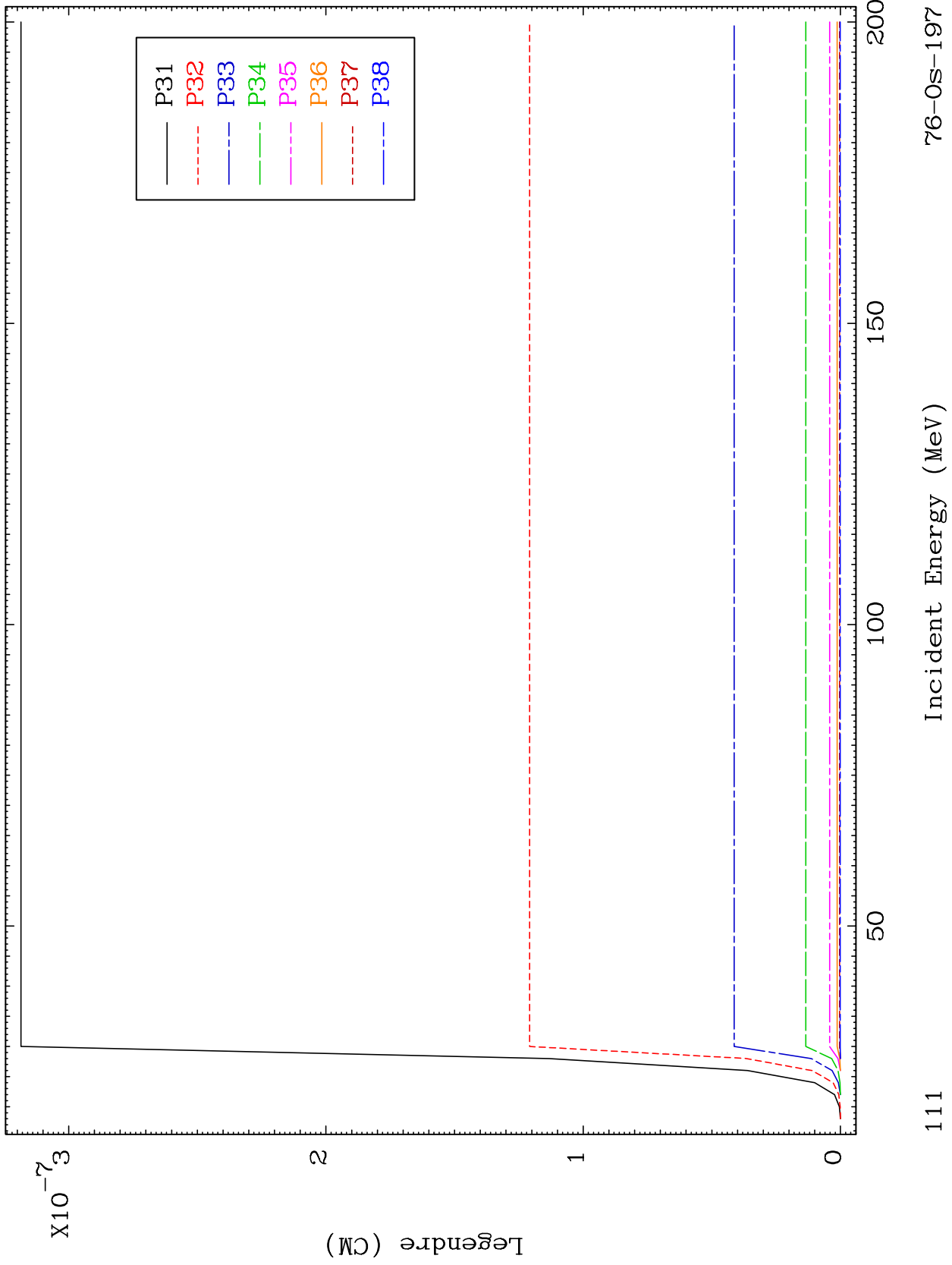
110

76-0s-197

MAT 7664

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

76-0s-197



111

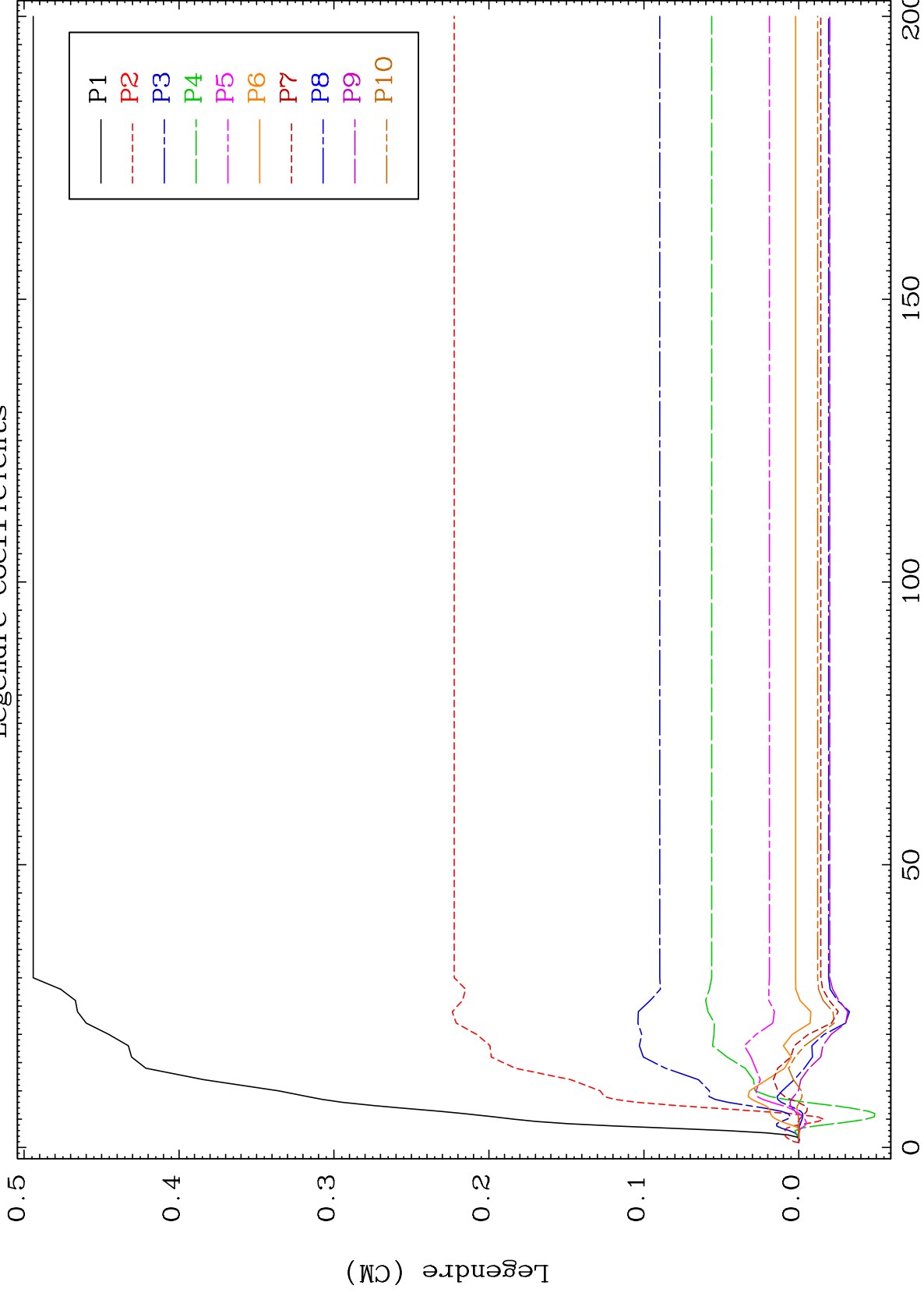
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-Os-197



76-Os-197

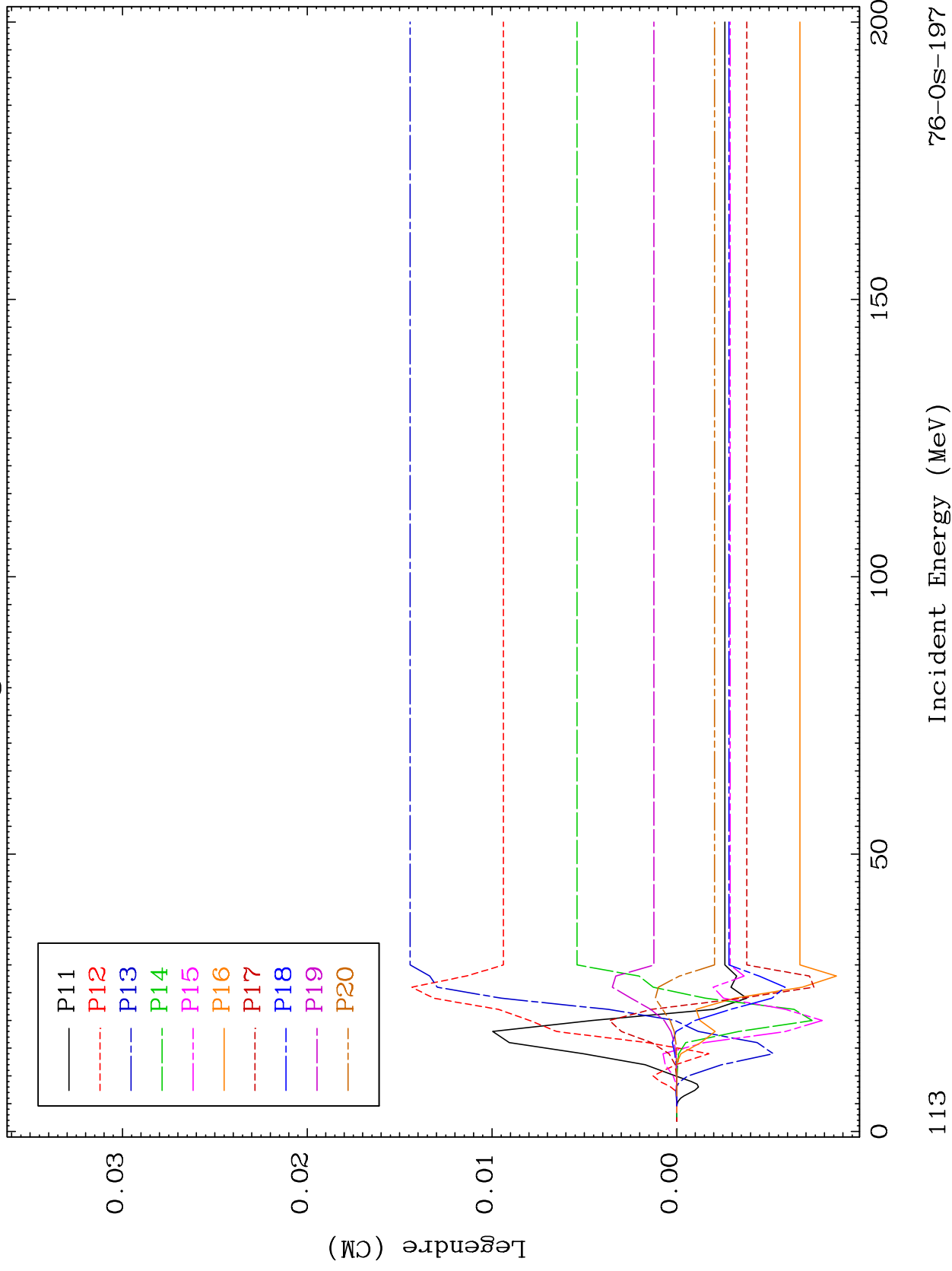
Incident Energy (MeV)

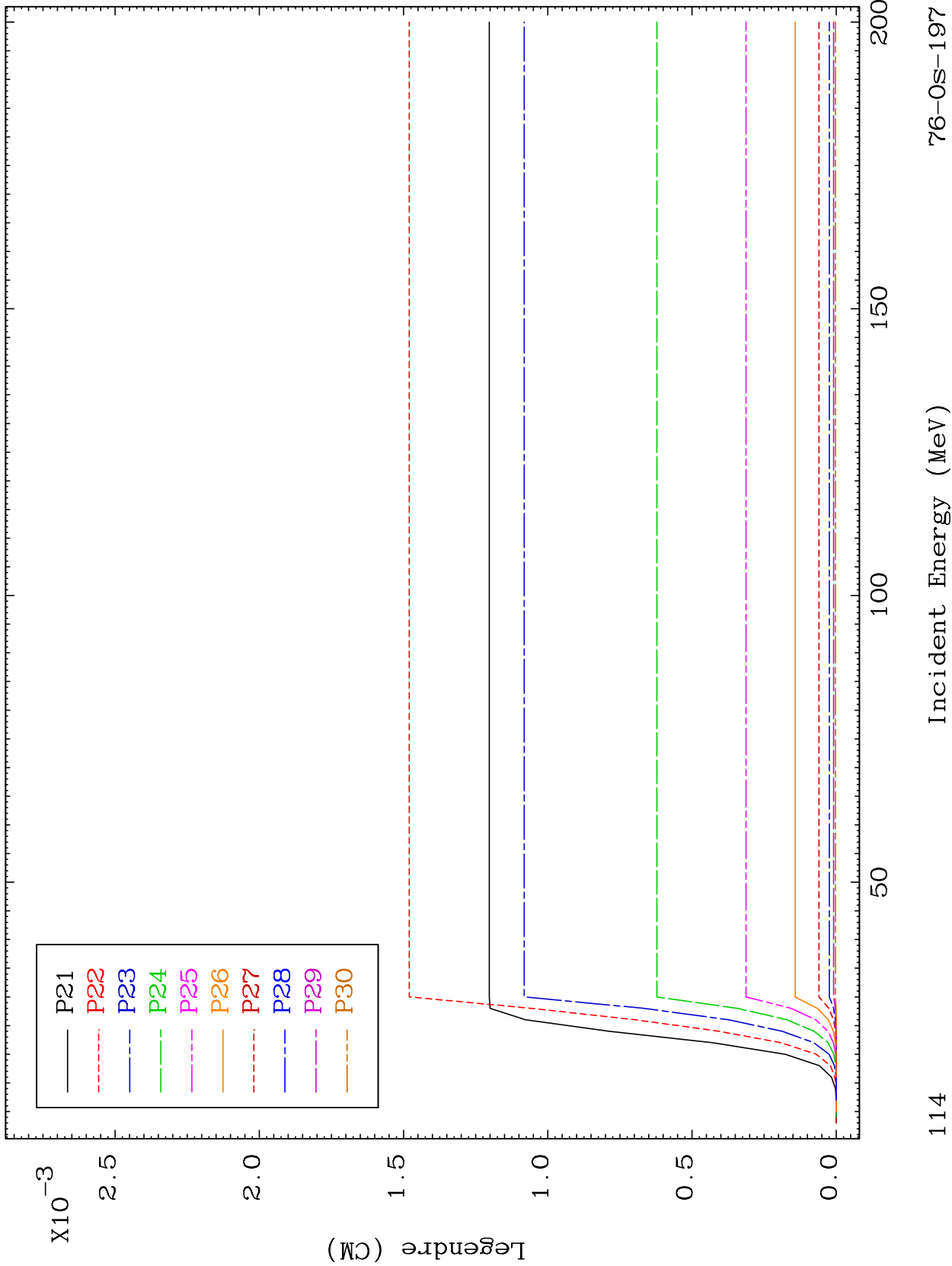
112

MAT 7664

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

76-Os-197

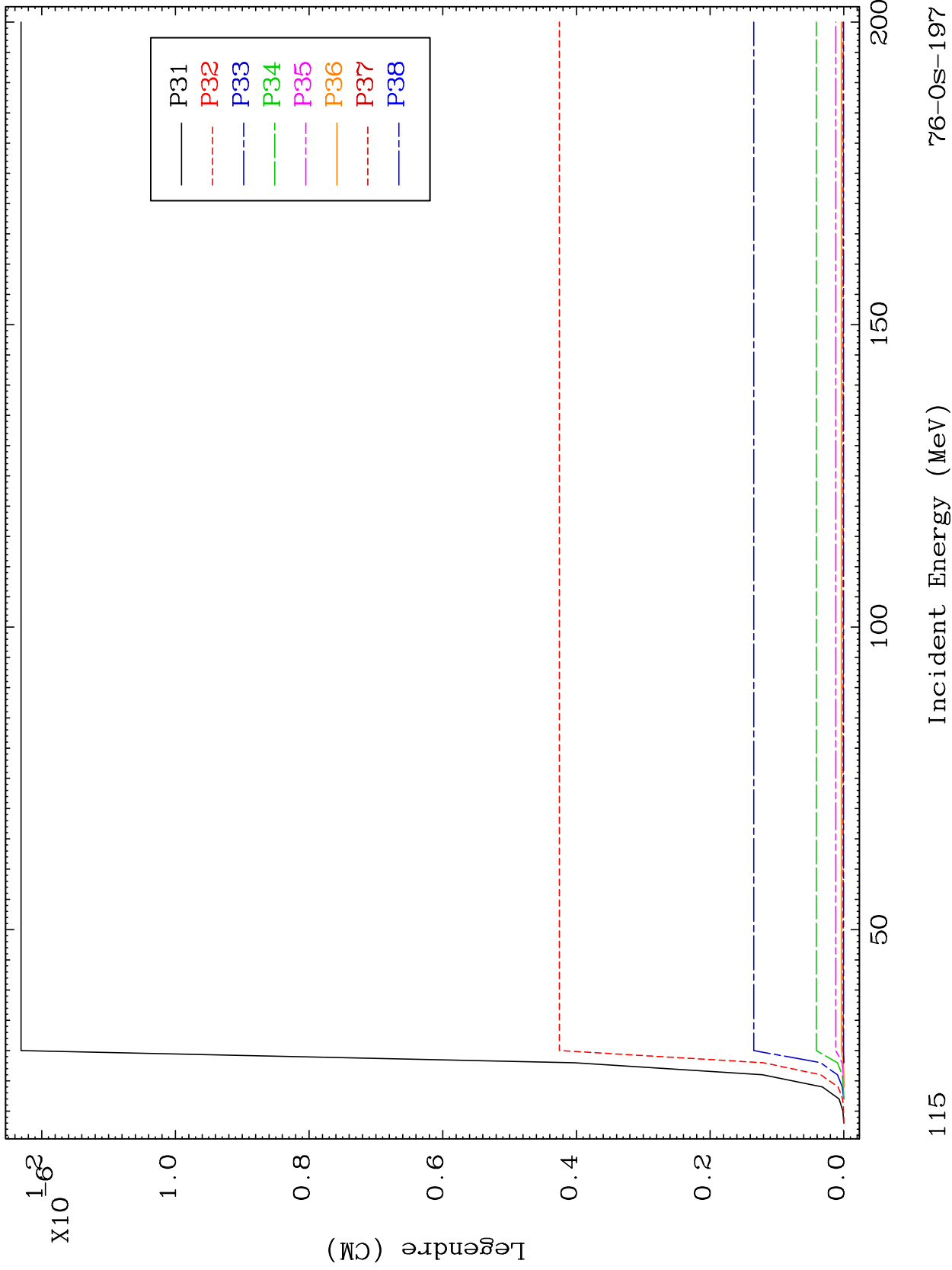




MAT 7664

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

76-Os-197

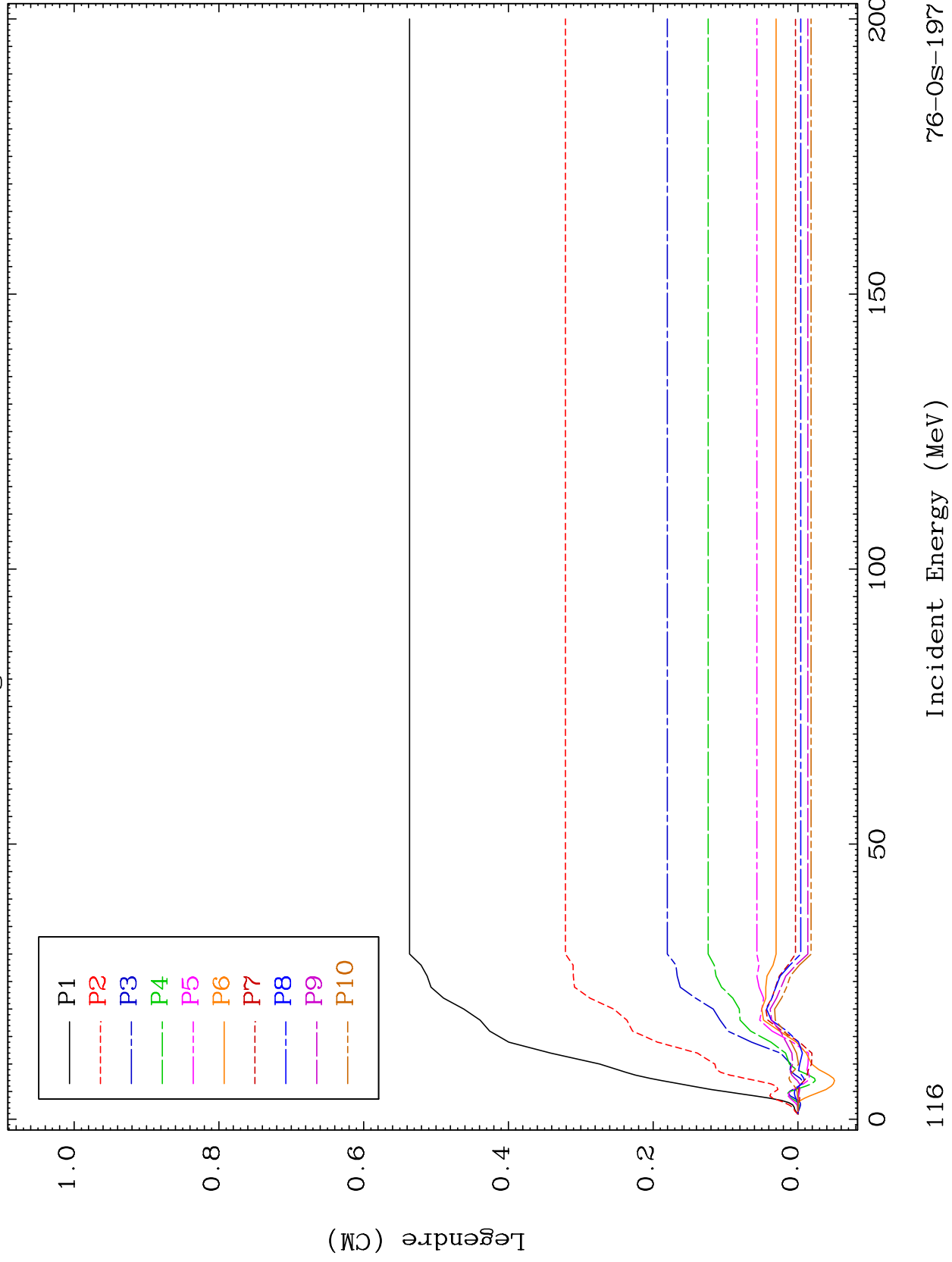


115

MAT 7664

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

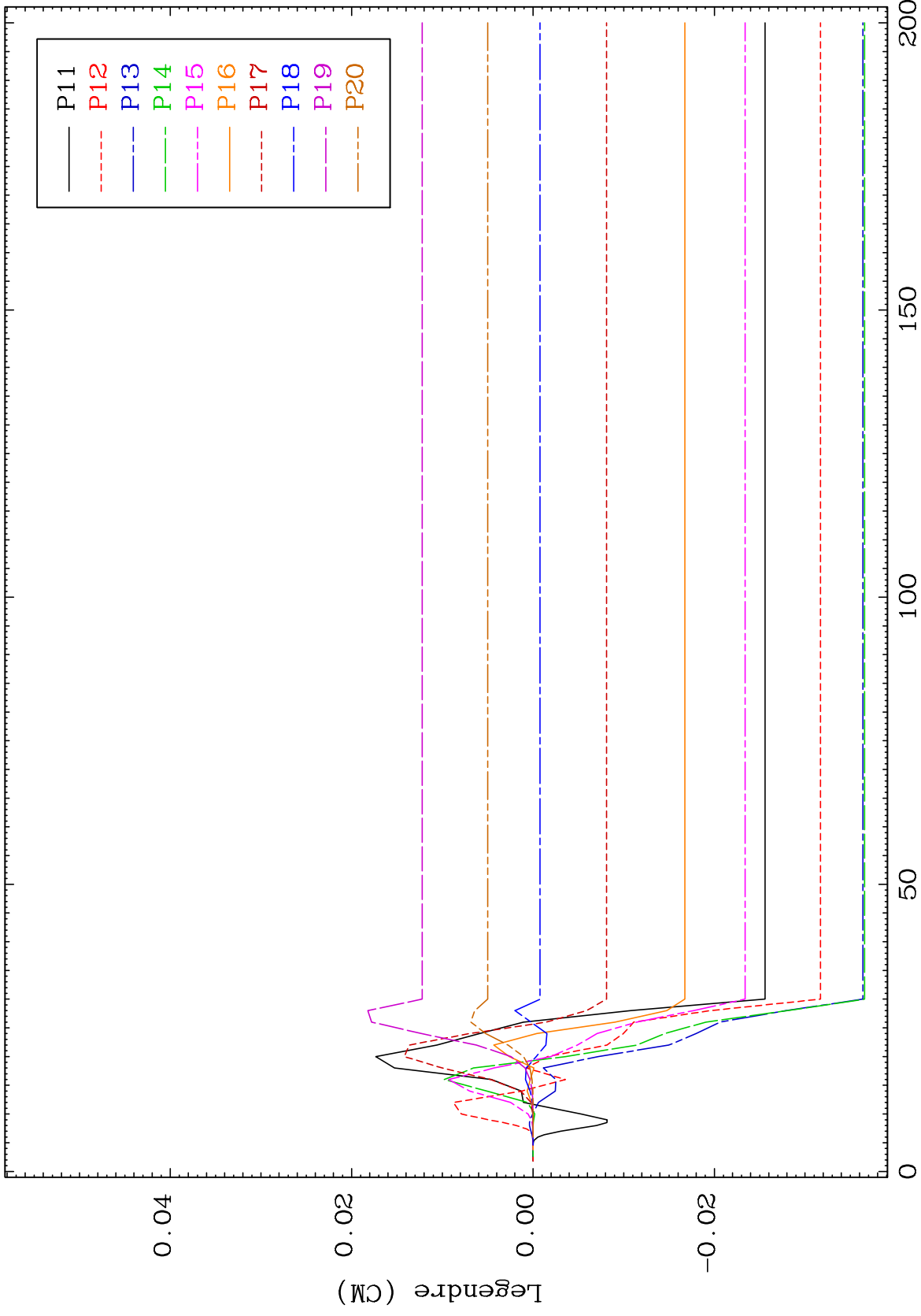
76-0s-197



MAT 7664

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

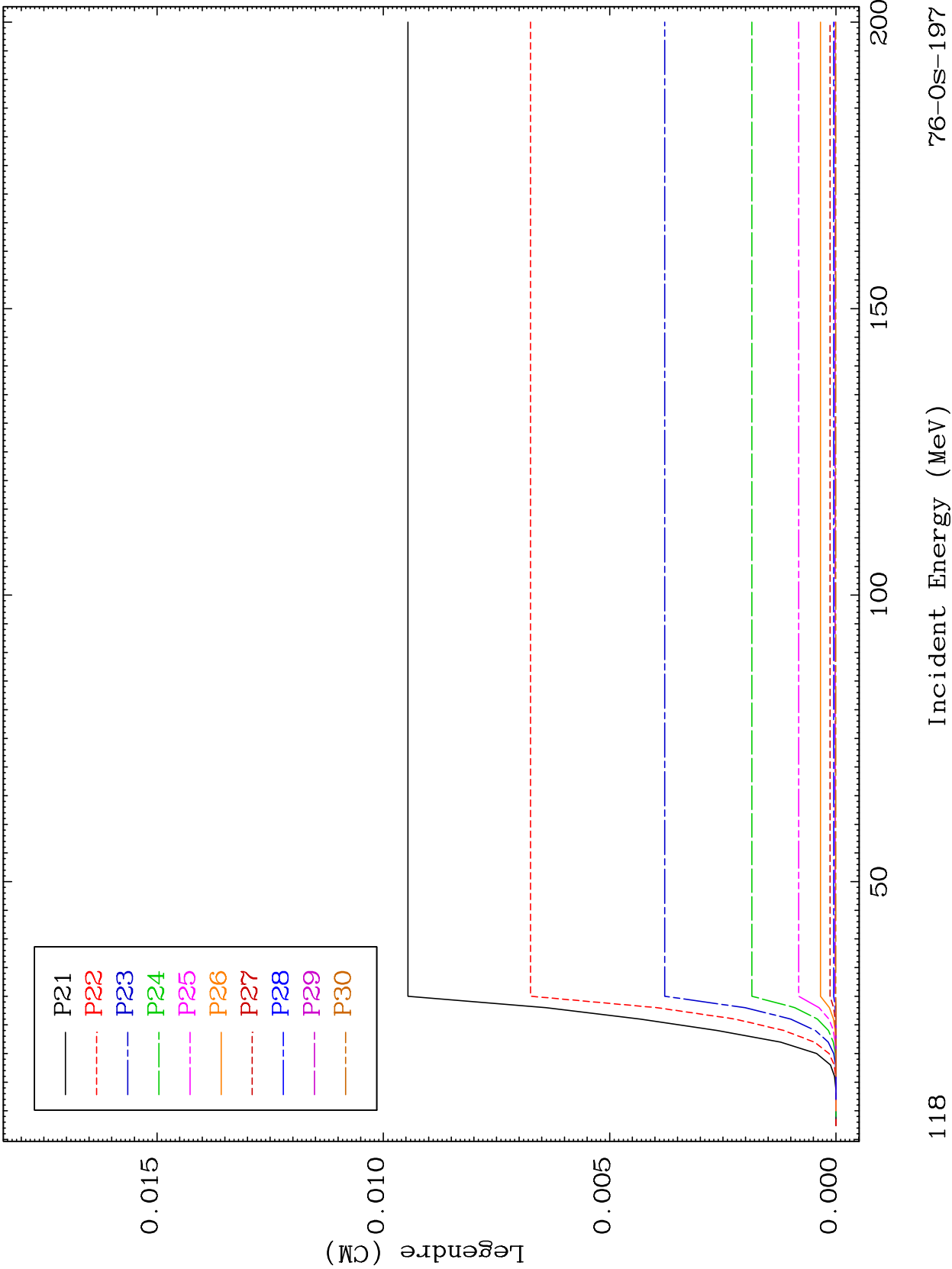
76-Os-197



117

Incident Energy (MeV)

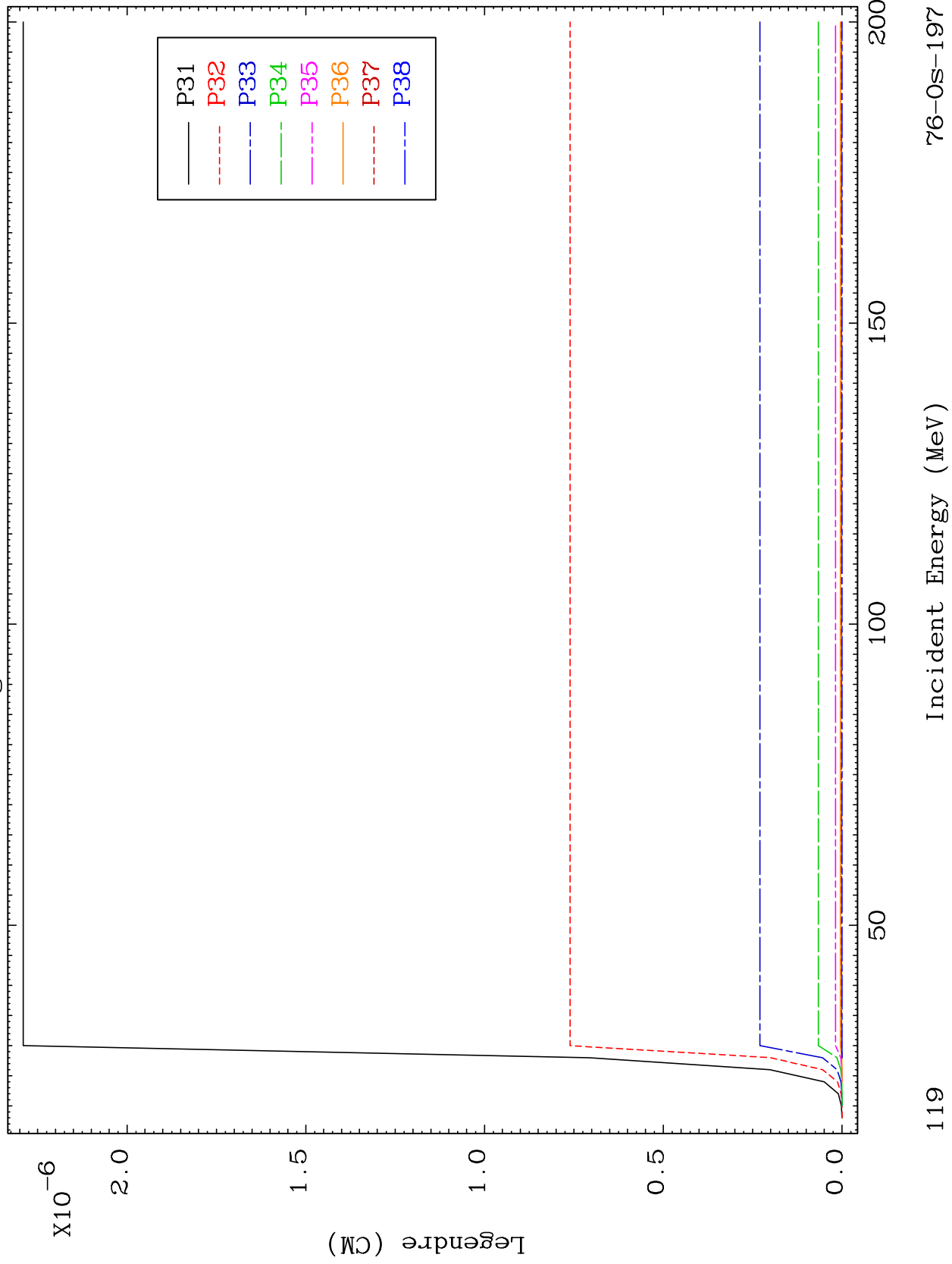
76-Os-197



MAT 7664

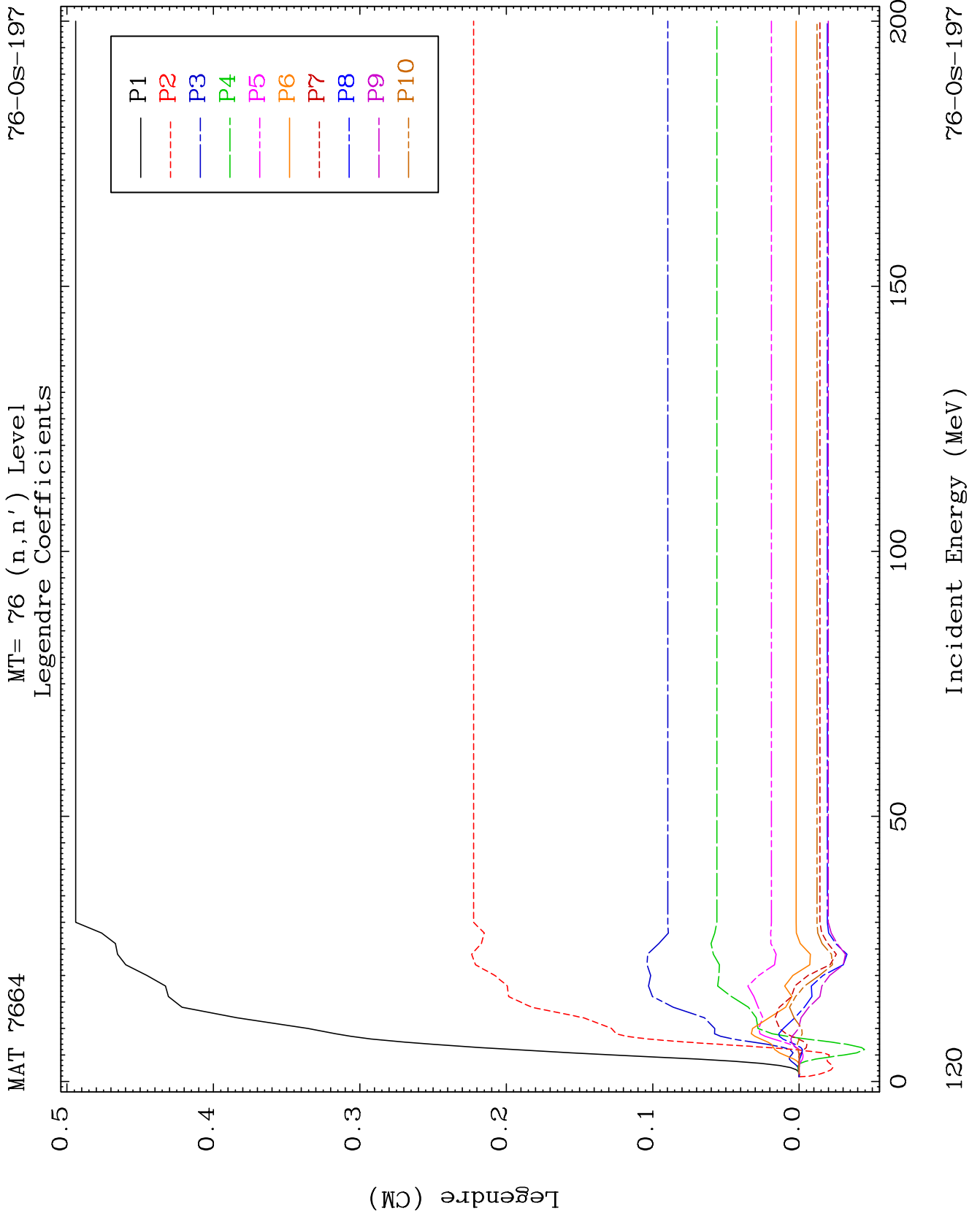
MT= 75 (n,n') Level
Legendre Coefficients

76-Os-197



119

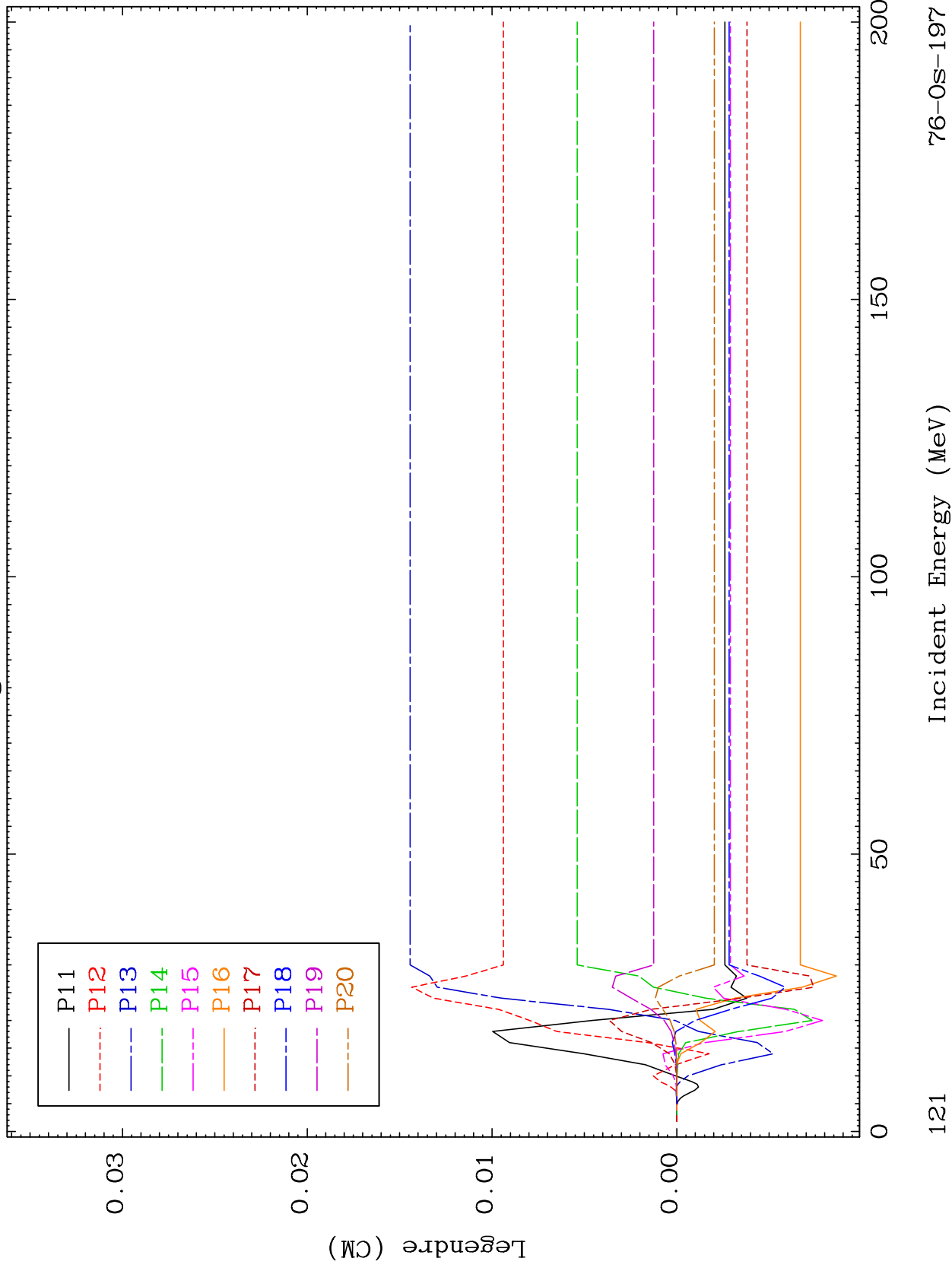
76-Os-197

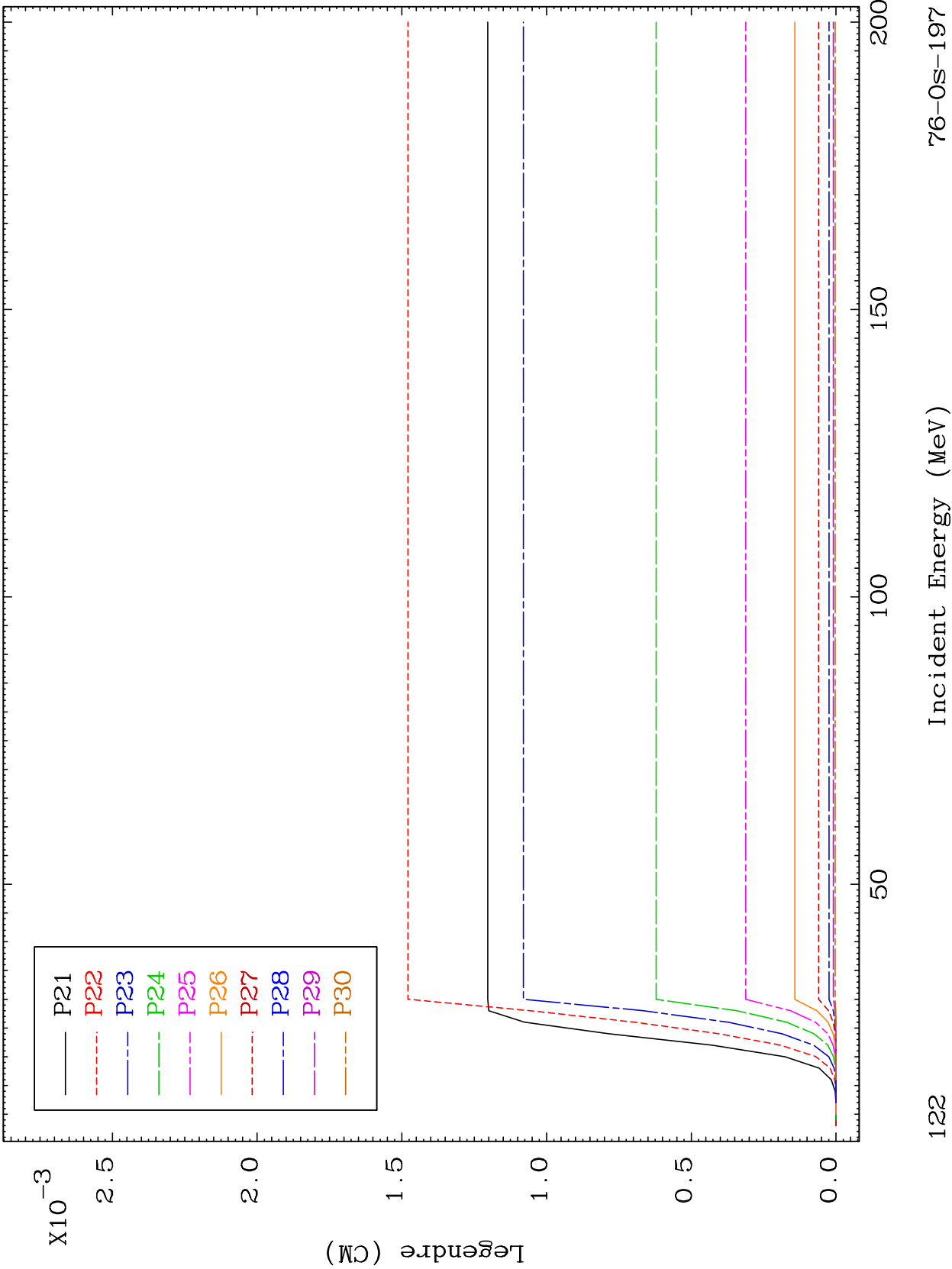


MAT 7664

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

76-0s-197

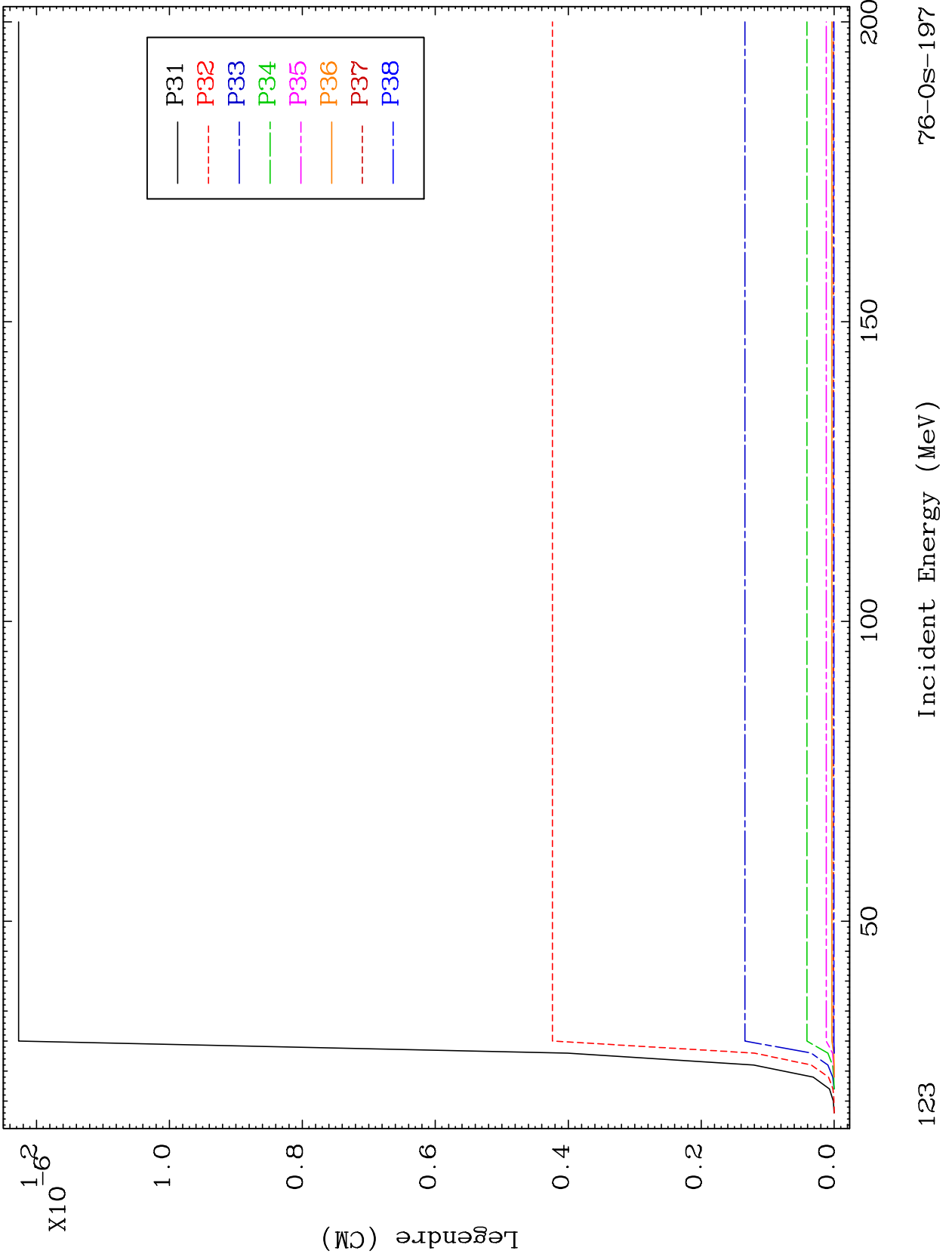




MAT 7664

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

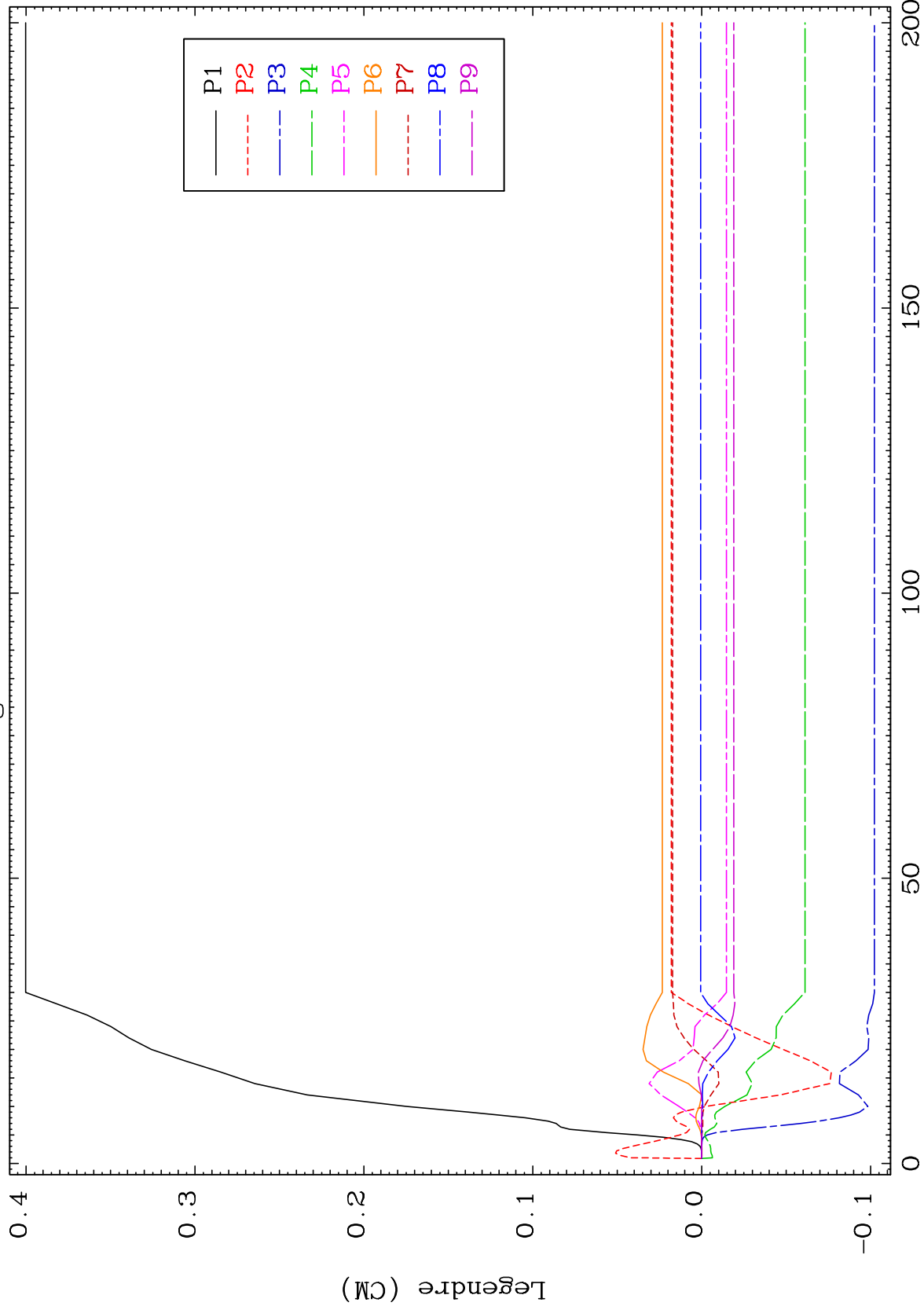
76-Os-197



MAT 7664

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

76-Os-197



76-Os-197

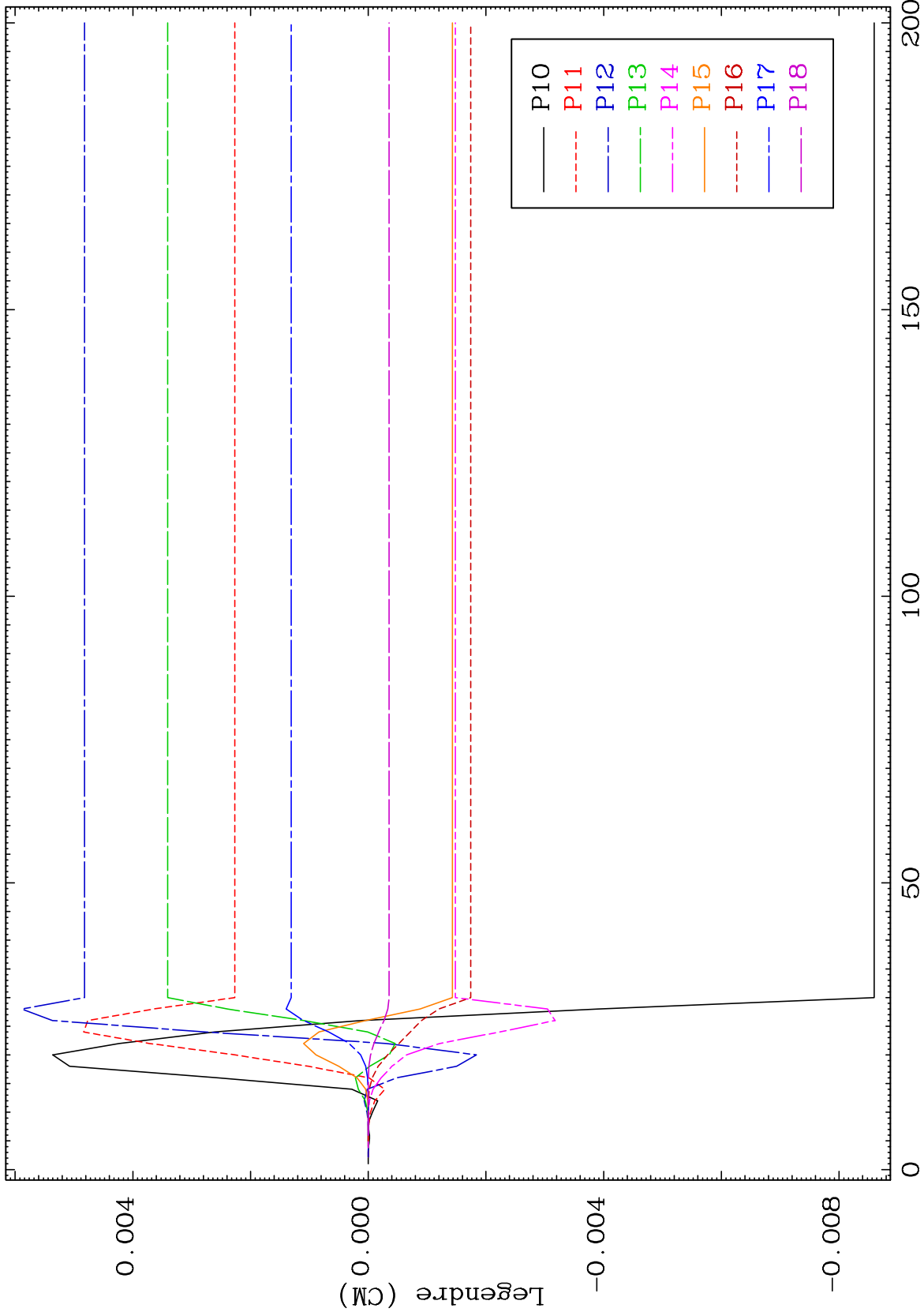
Incident Energy (MeV)

124

MAT 7664

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

76-0s-197



125

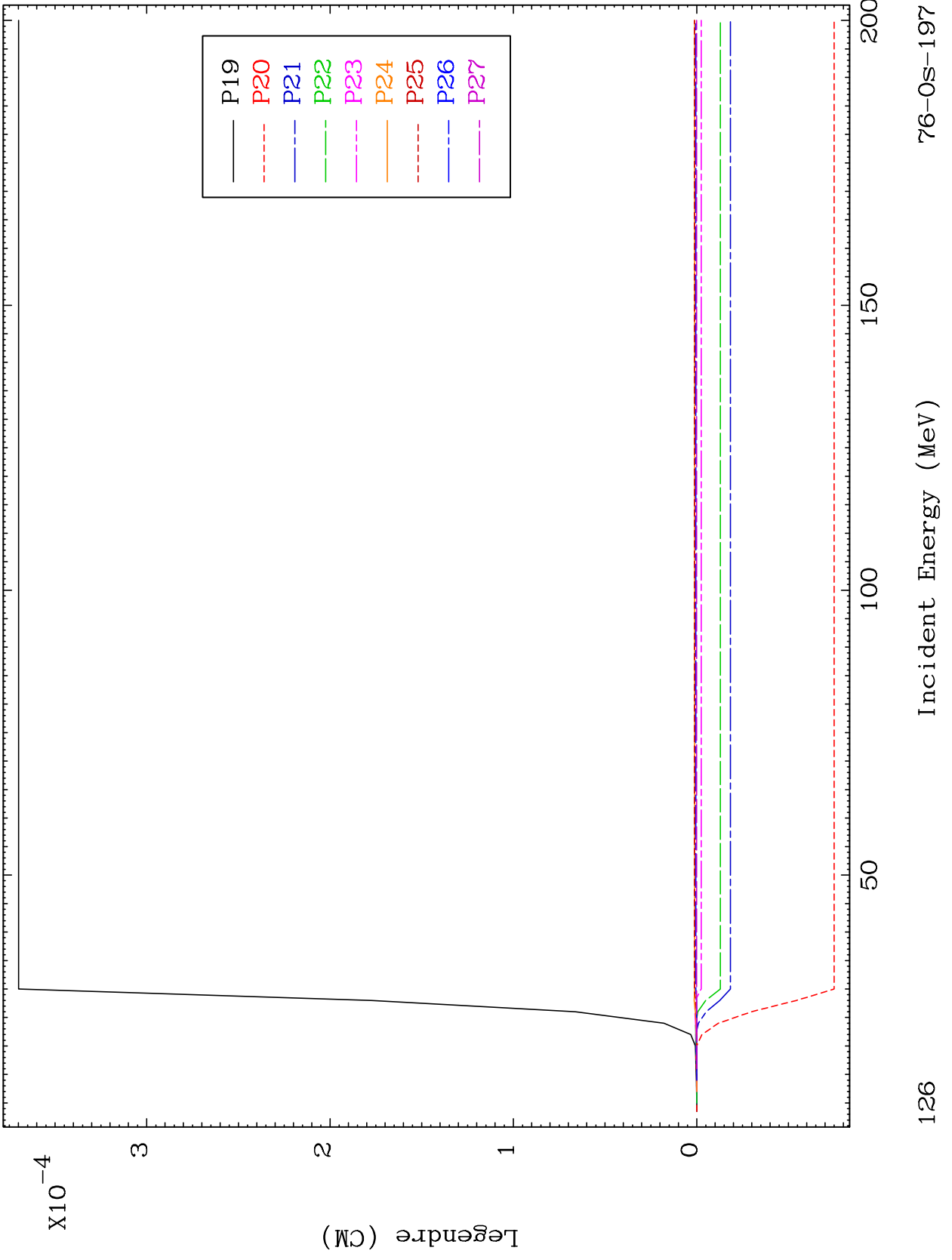
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-Os-197



126

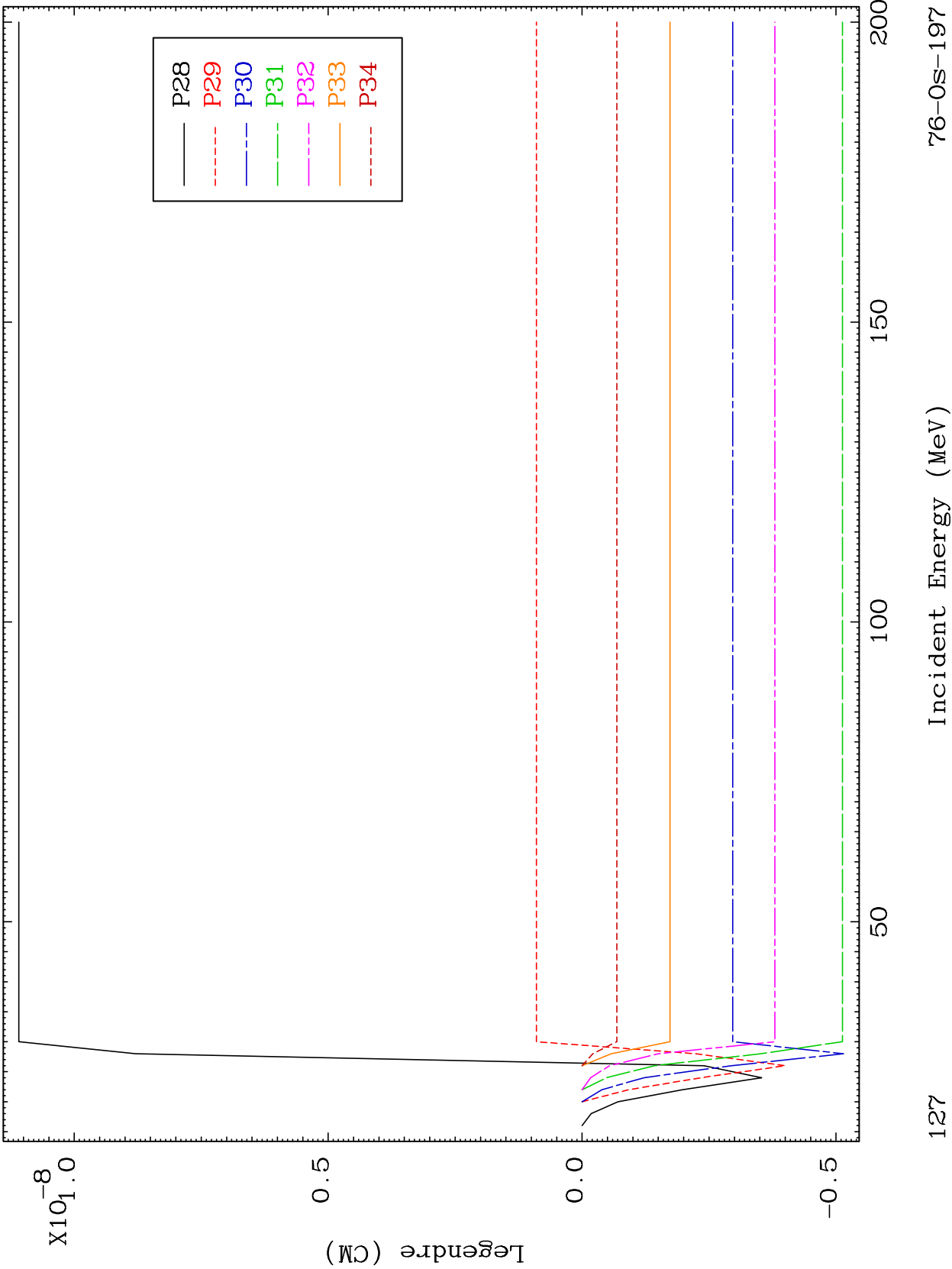
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



127

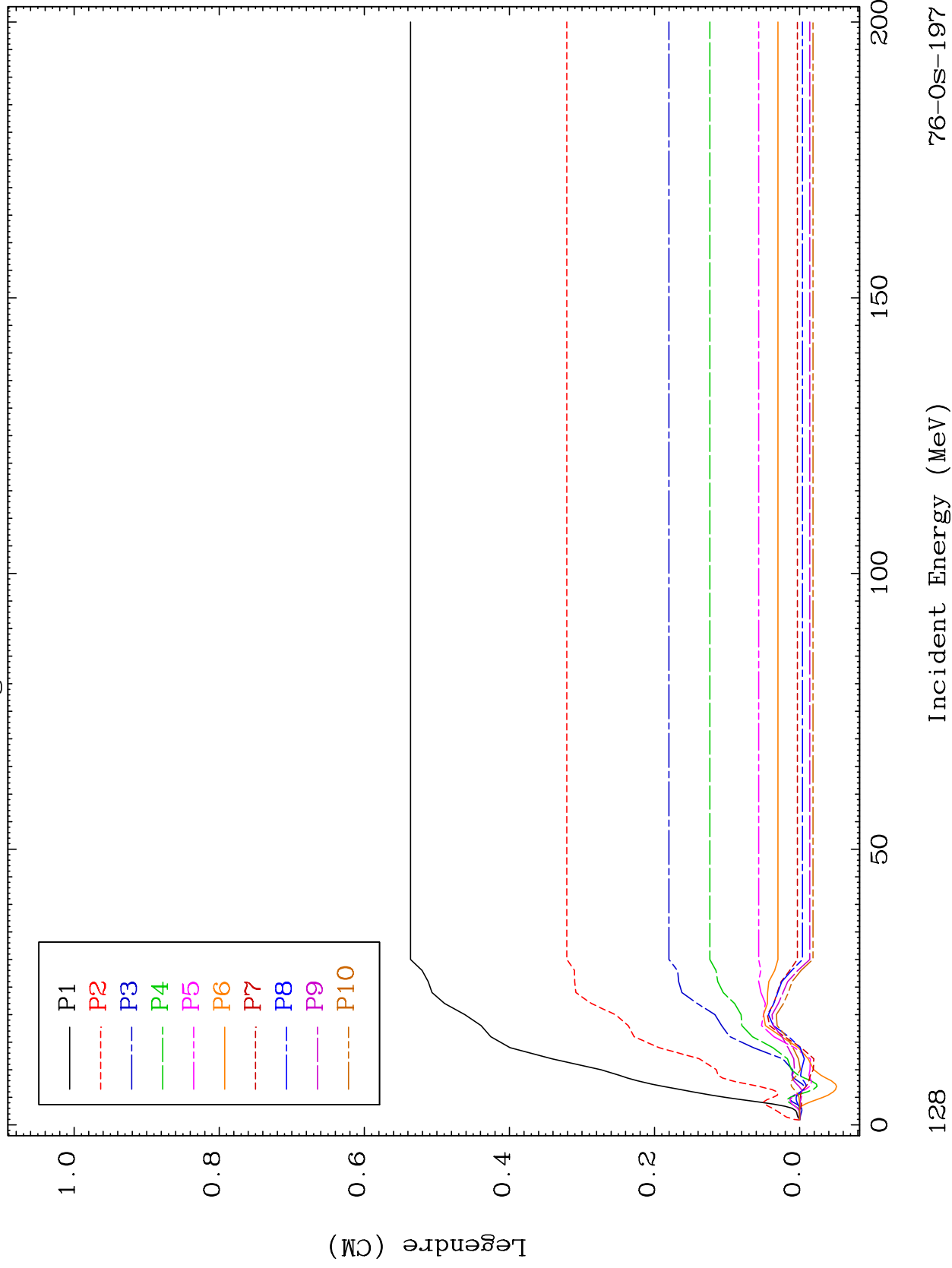
Incident Energy (MeV)

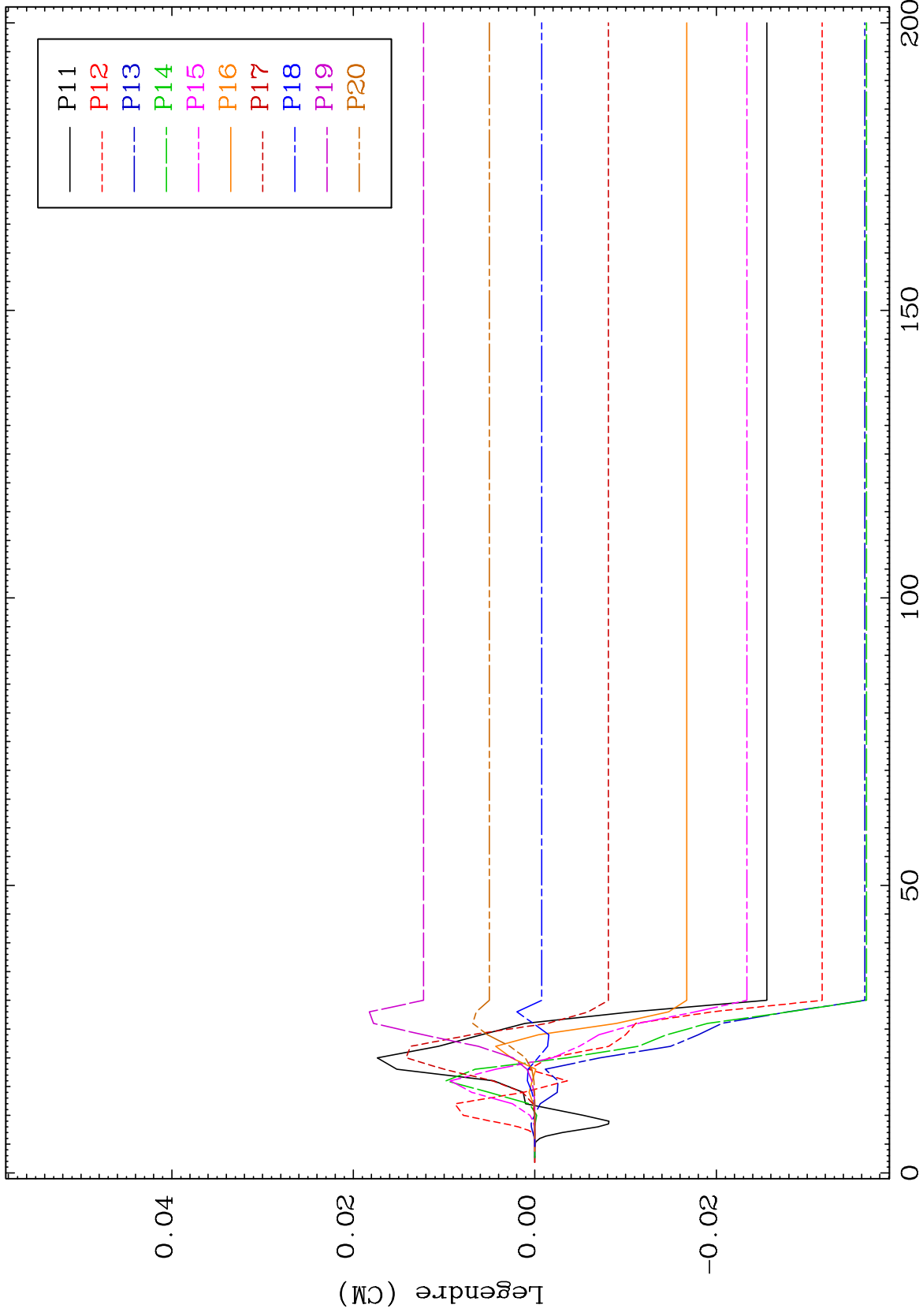
76-0s-197

MAT 7664

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

76-0s-197

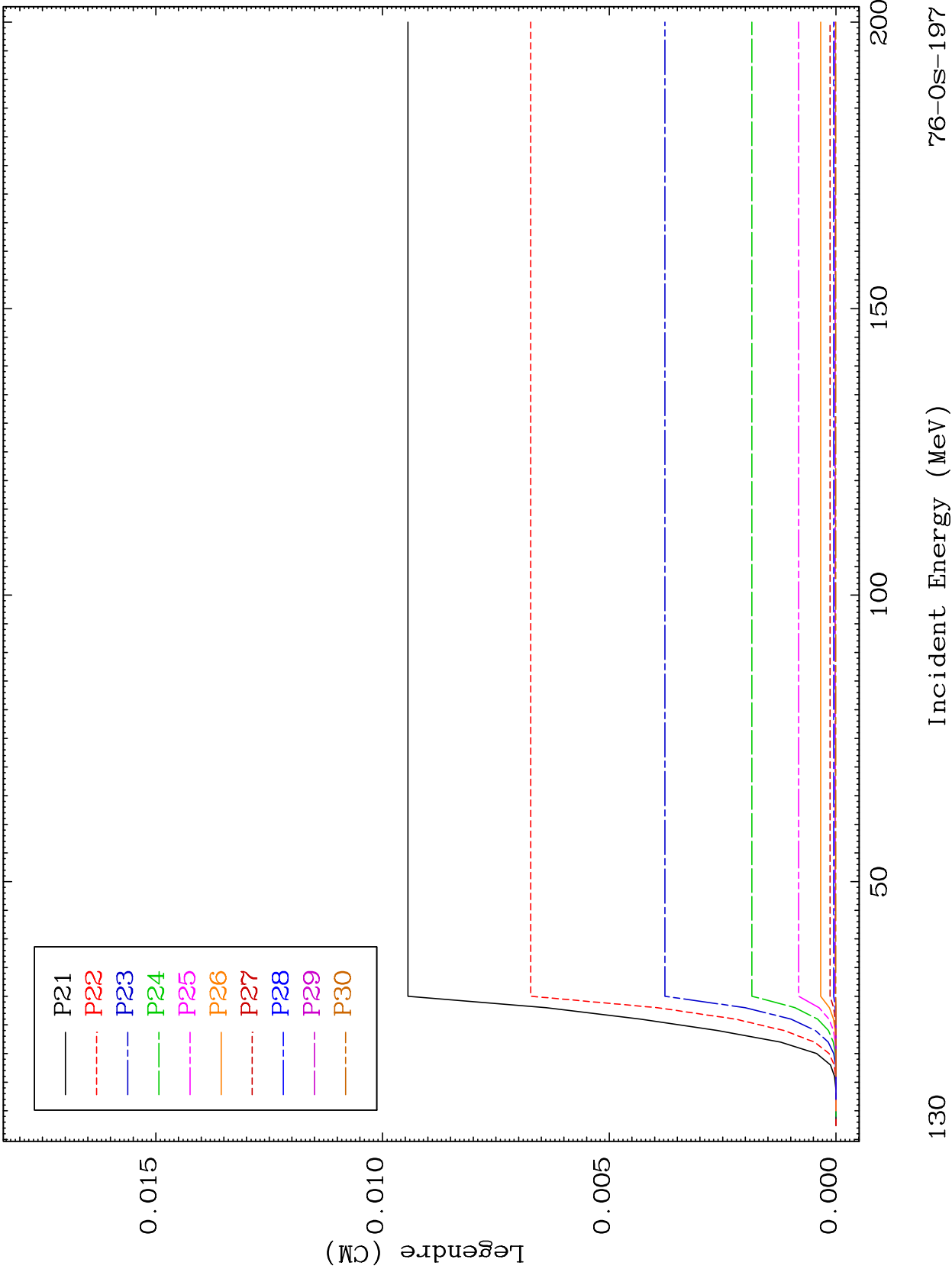




MAT 7664

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

76-0s-197



130

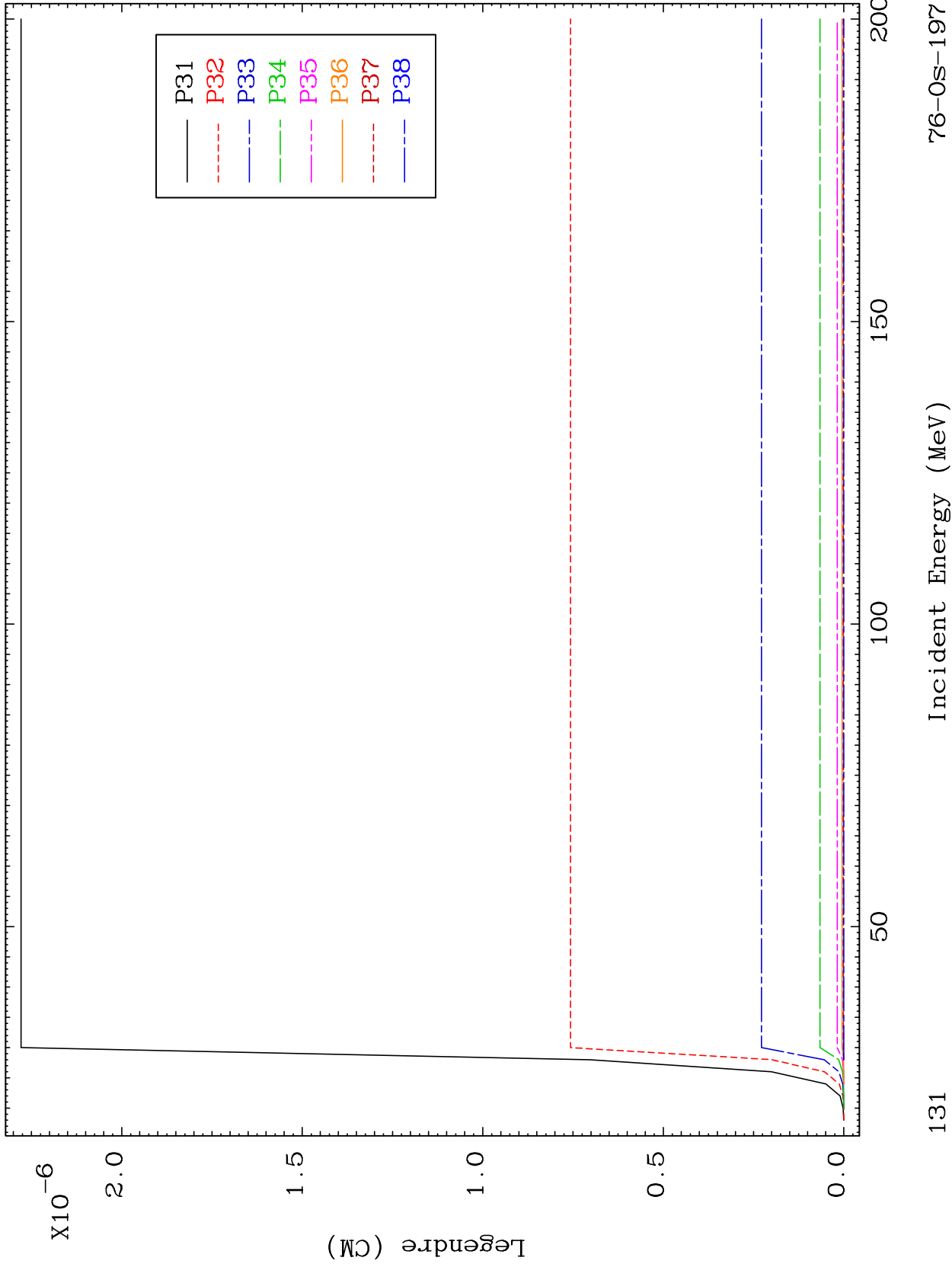
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-Os-197



131

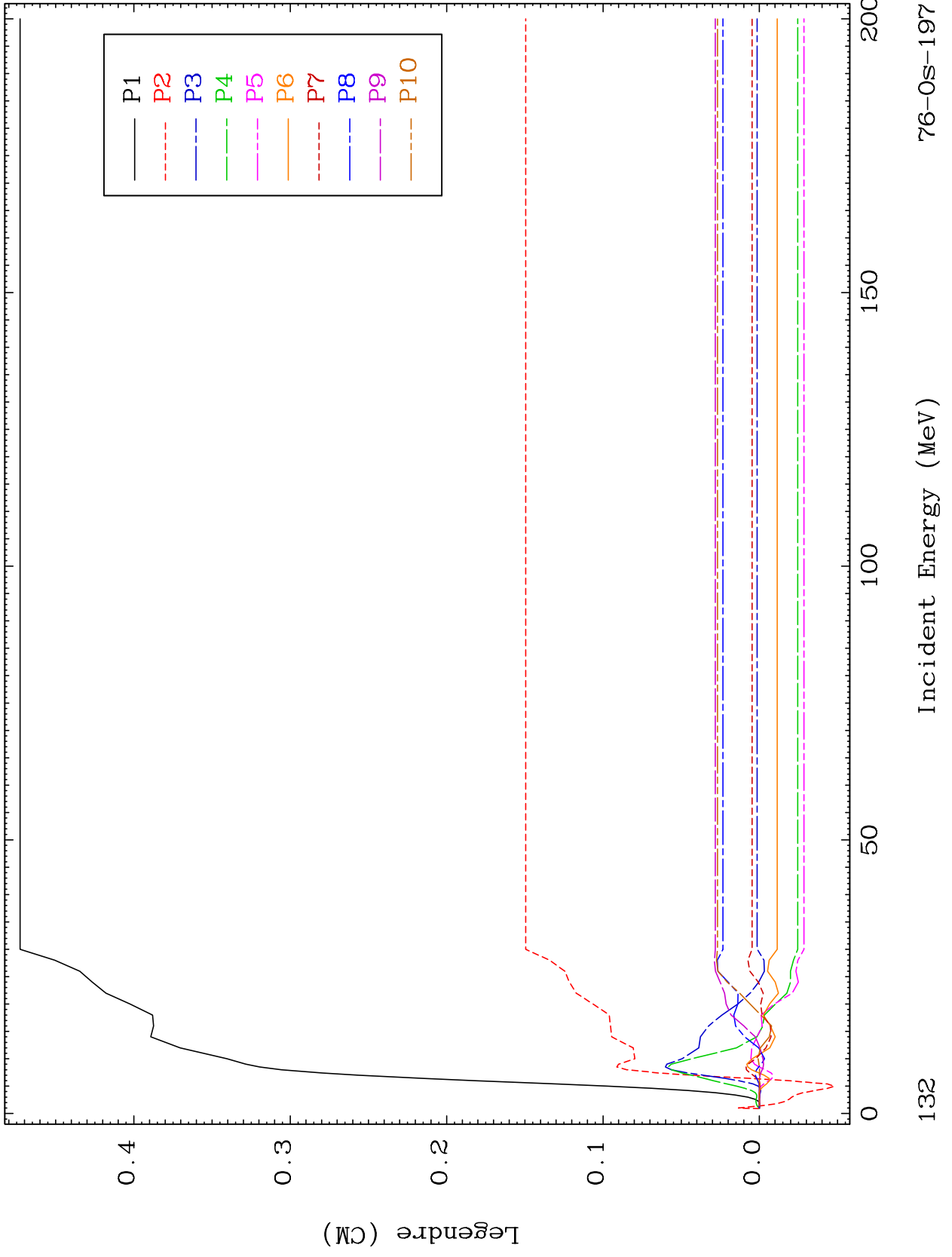
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-Os-197



132

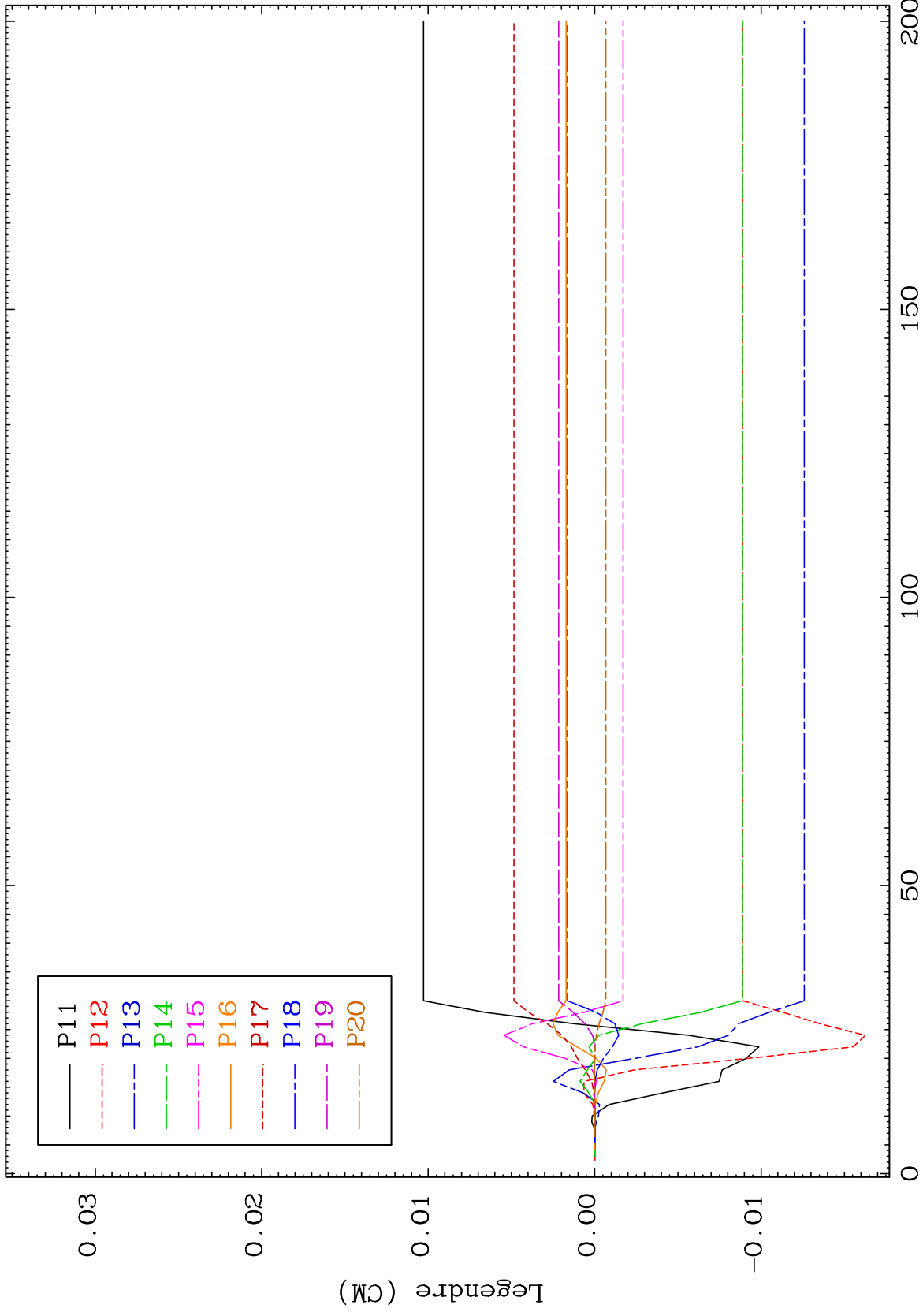
Incident Energy (MeV)

76-Os-197

MAT 7664

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

76-0s-197



133

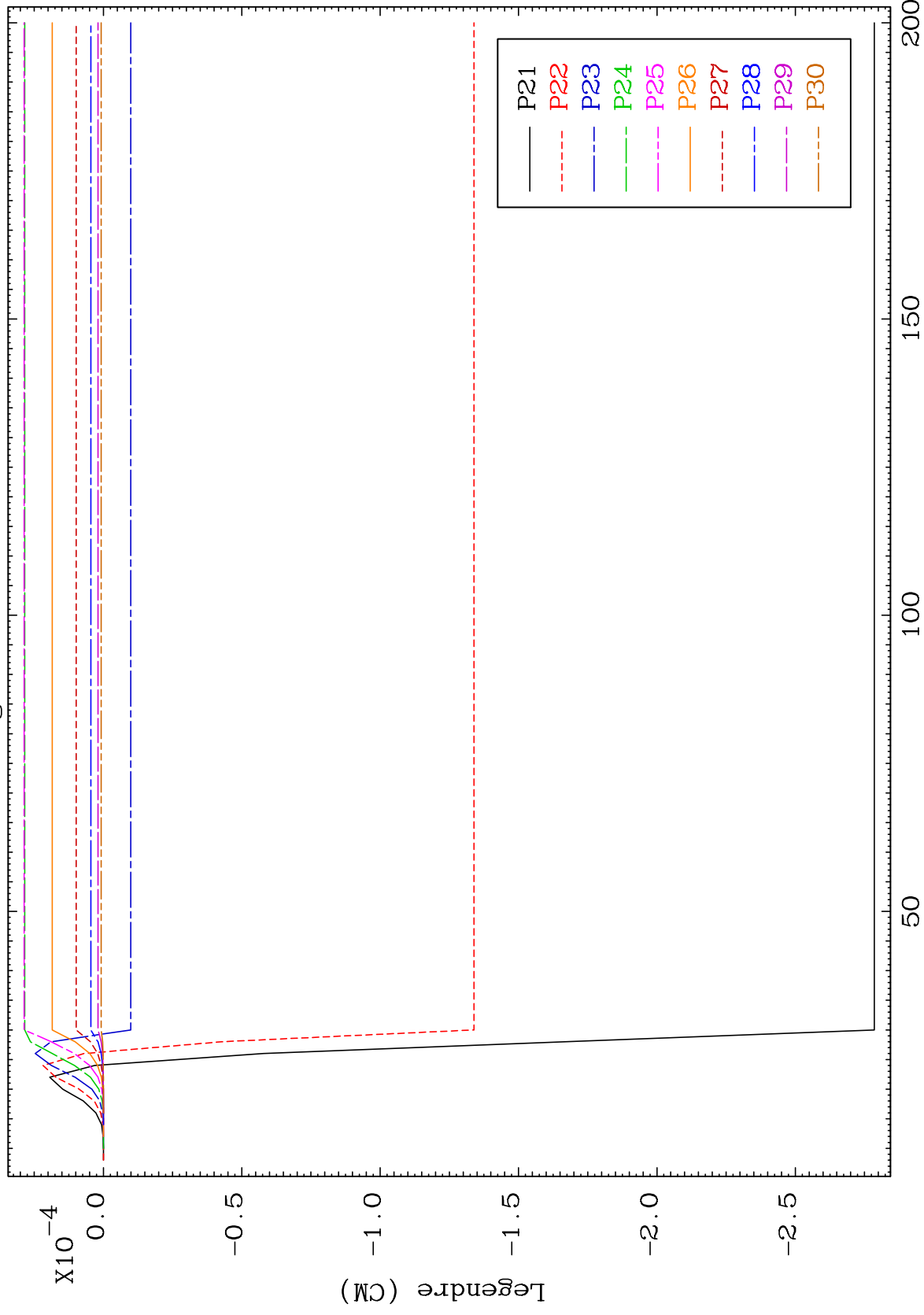
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-0s-197



134

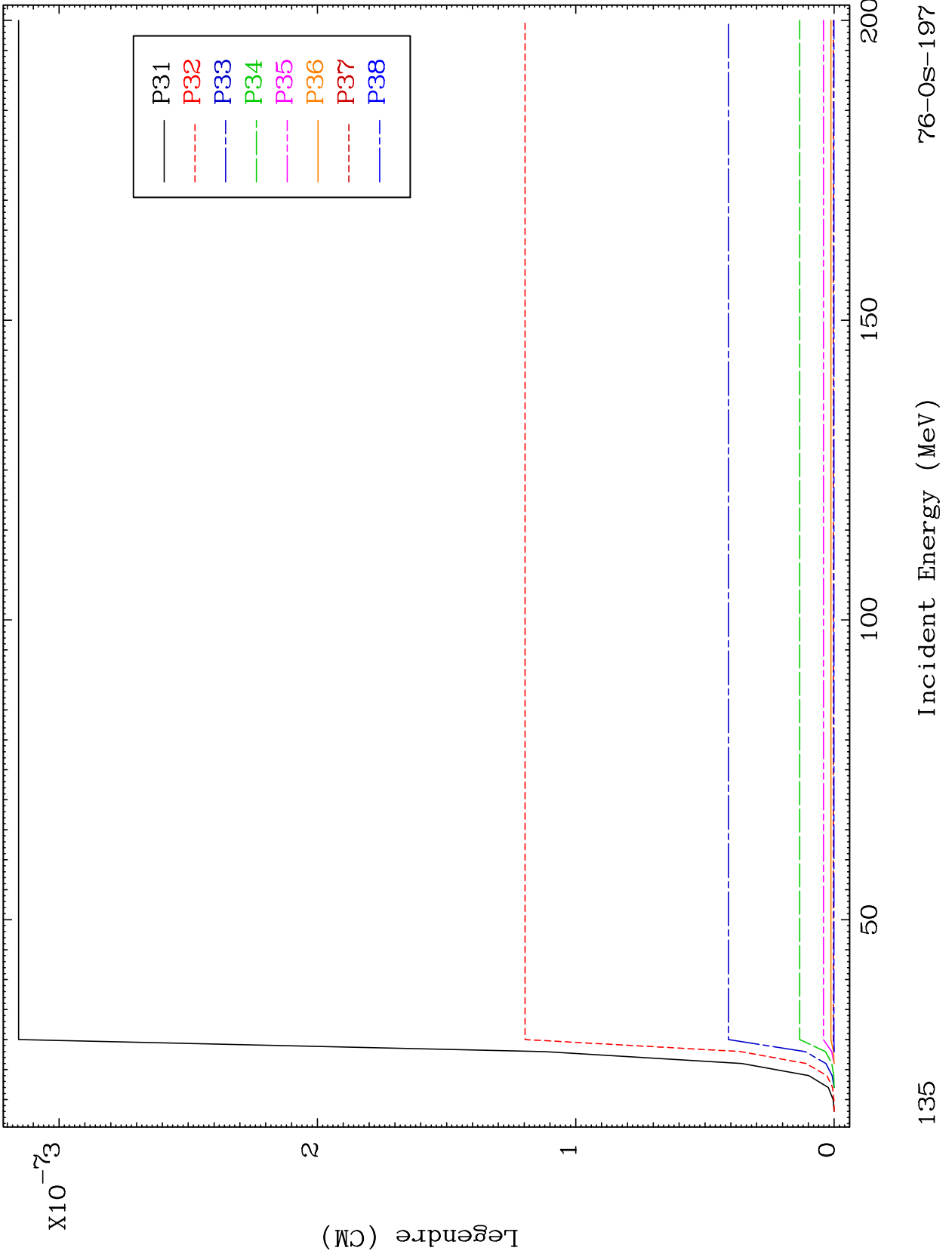
Incident Energy (MeV)

76-0s-197

MAT 7664

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

76-0s-197

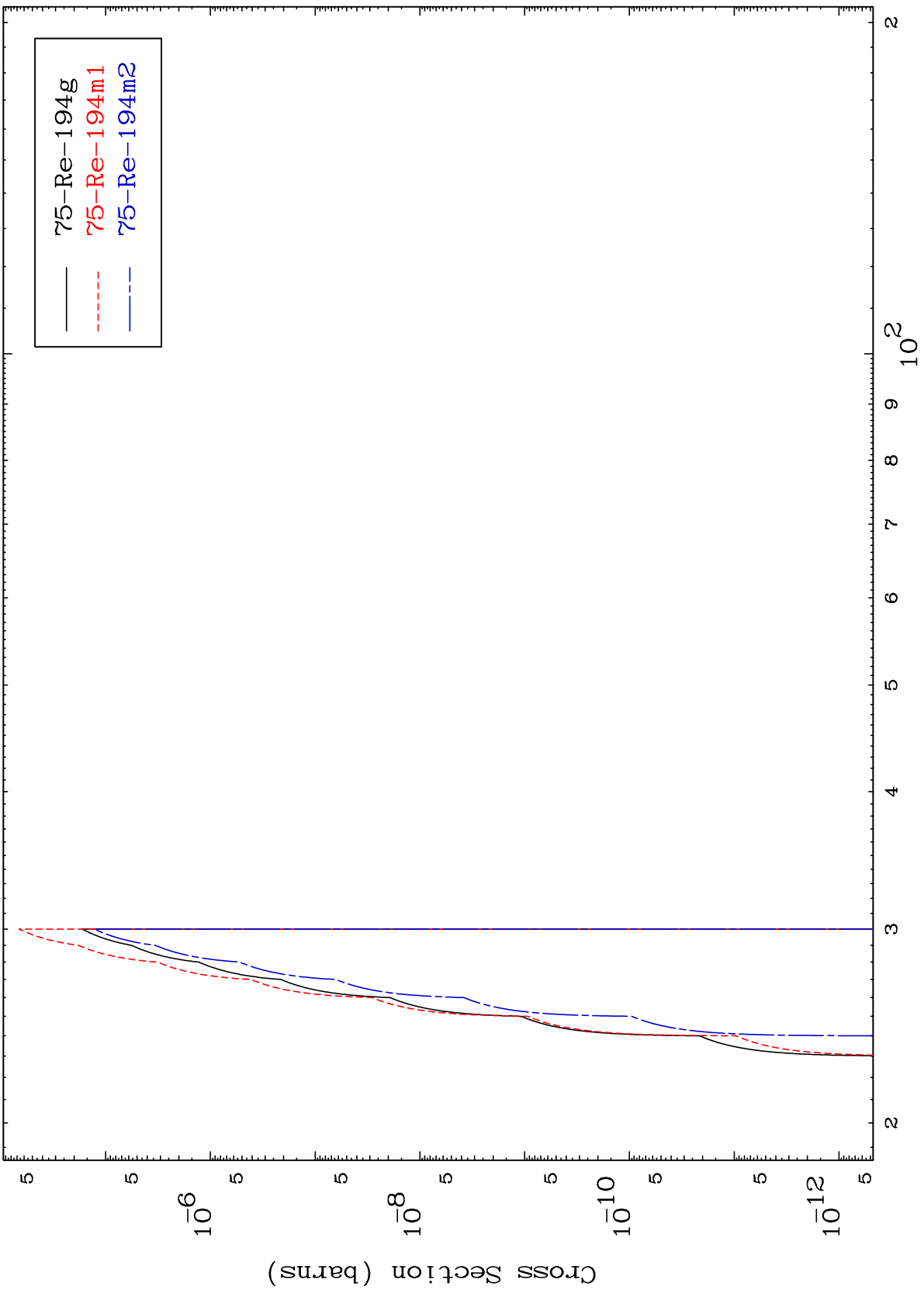


135

Incident Energy (MeV)

76-0s-197

Radionuclide Production Cross Section

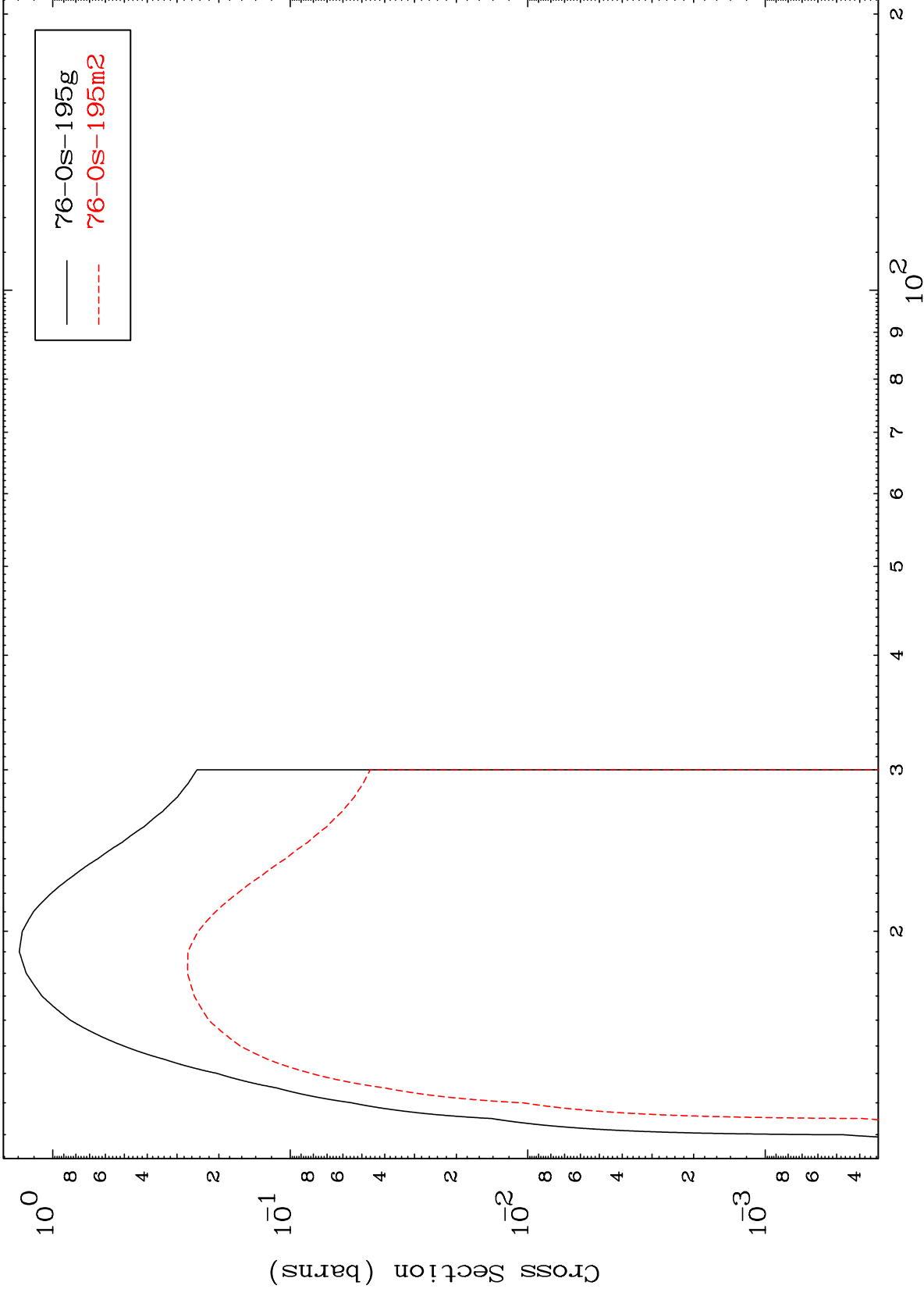


MAT 7664

(n,3n)

76-Os-197

Radionuclide Production Cross Section



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

137

Incident Energy (MeV)

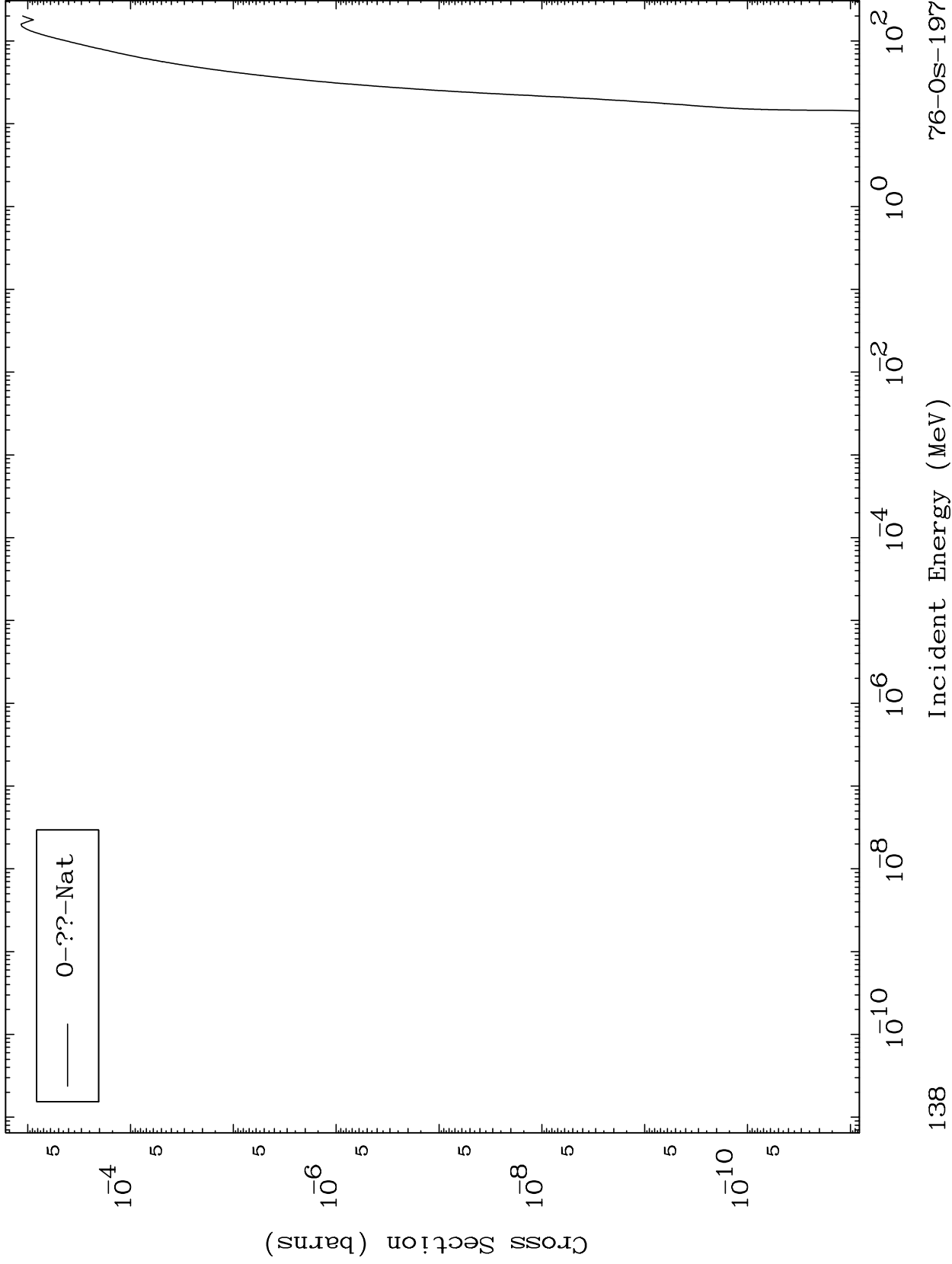
76-Os-197

MAT 7664

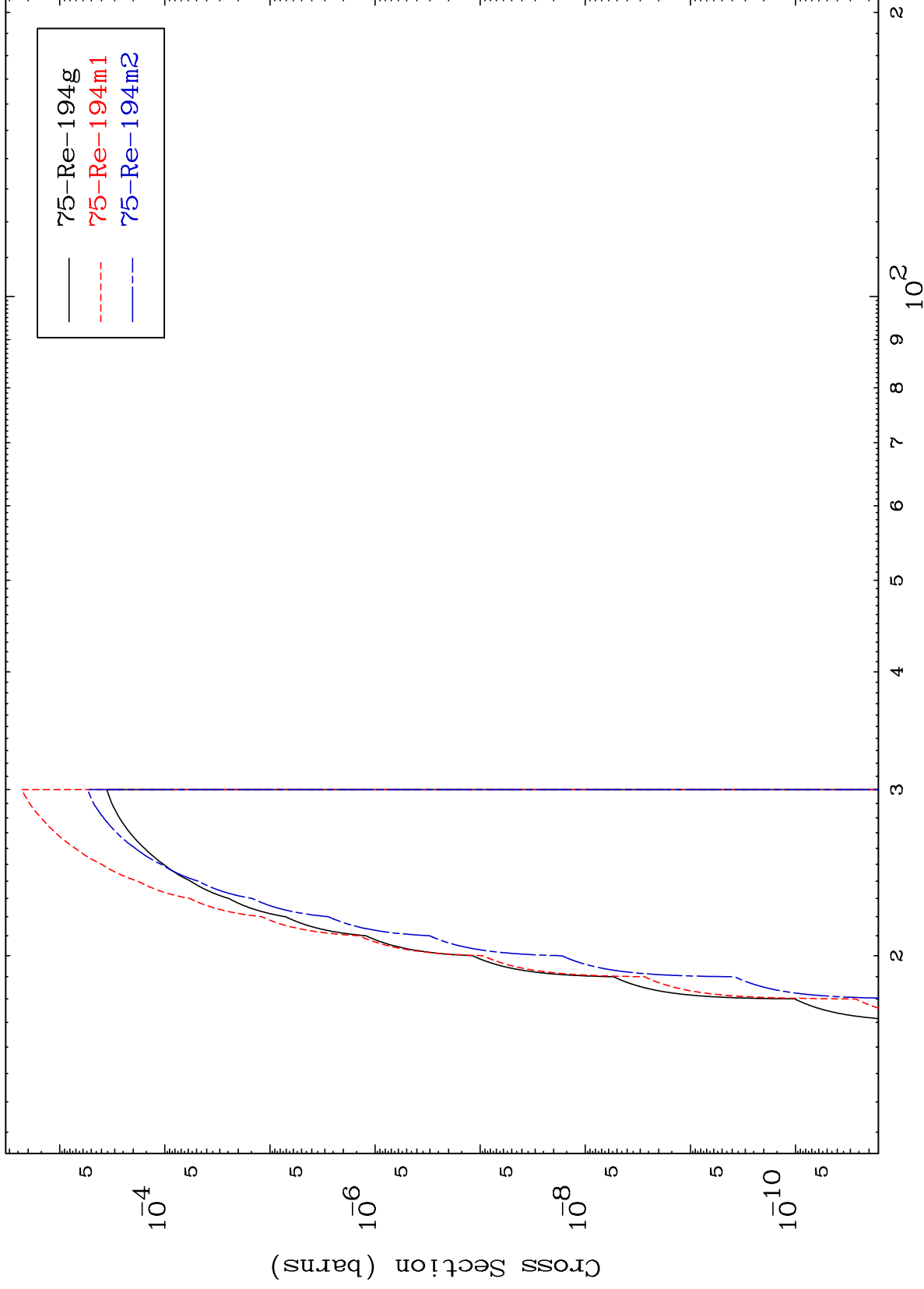
Fission

76-Os-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

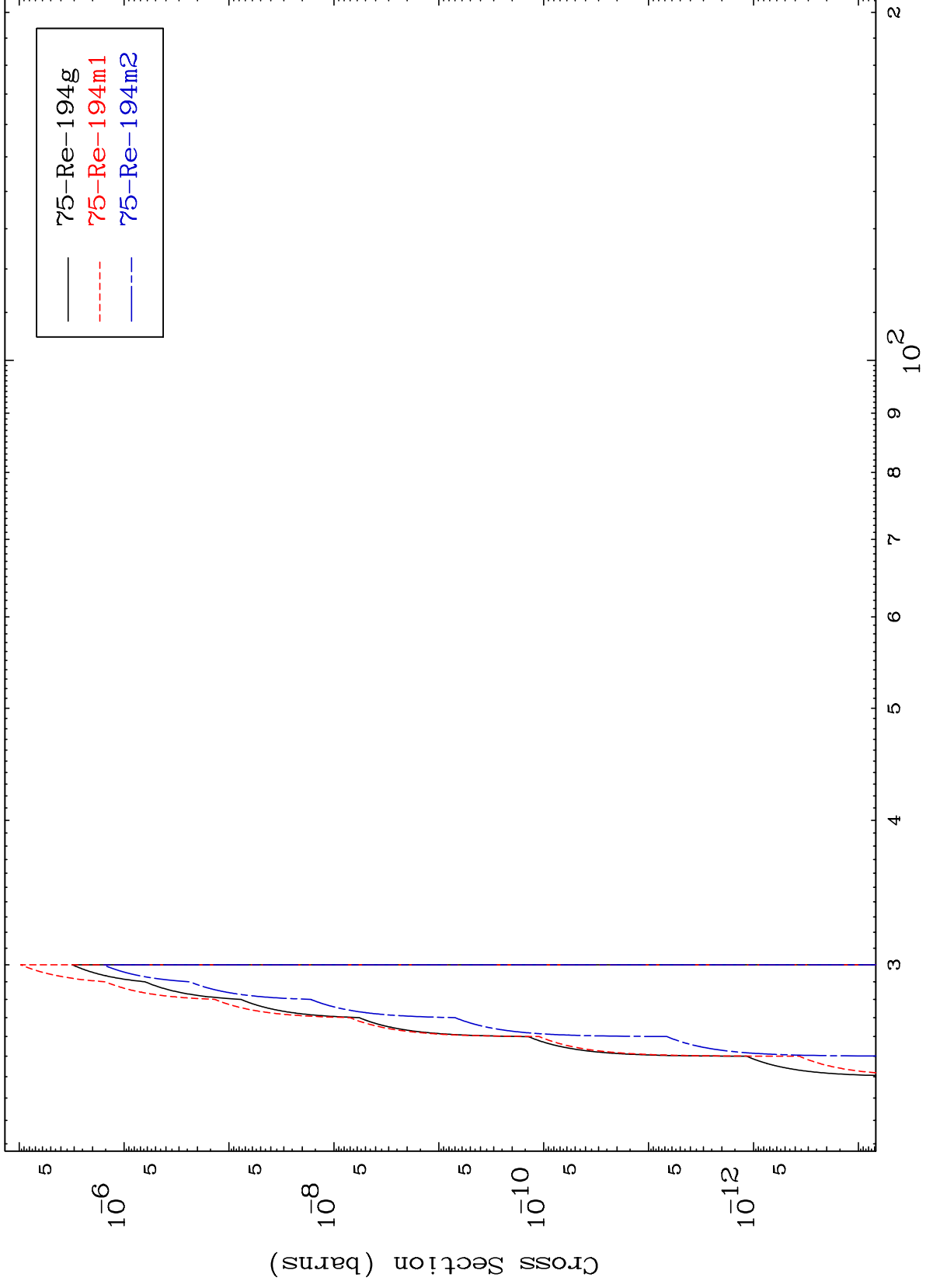


MAT 7664

(n,3n) p

76-Os-197

Radionuclide Production Cross Section



140

Incident Energy (MeV)

76-Os-197