

Program EVALPLOT
(Version 2018-1)

by

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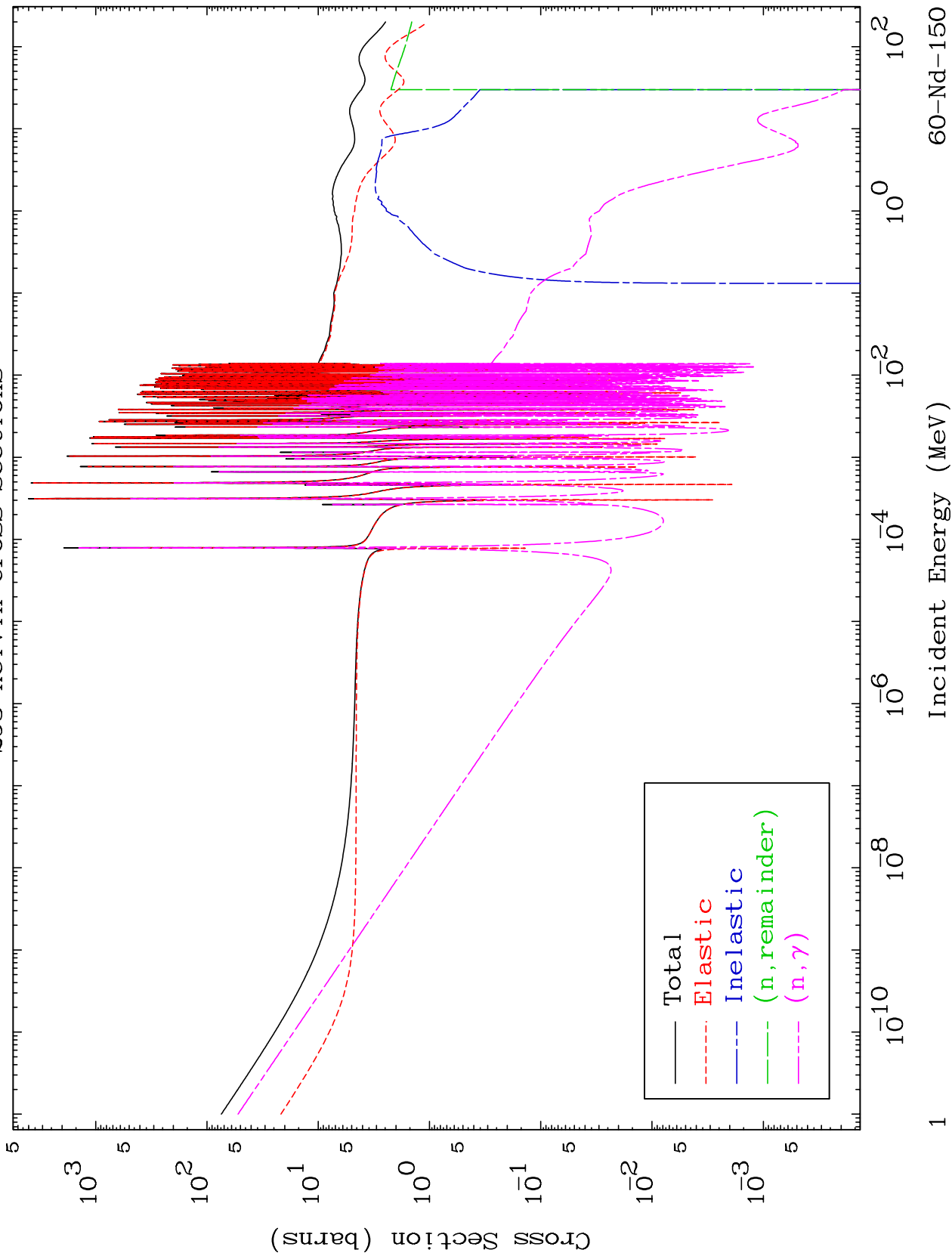
Press Mouse Button to Start

MAT 6049

Major

293 Kelvin Cross Sections

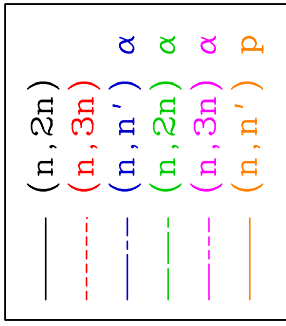
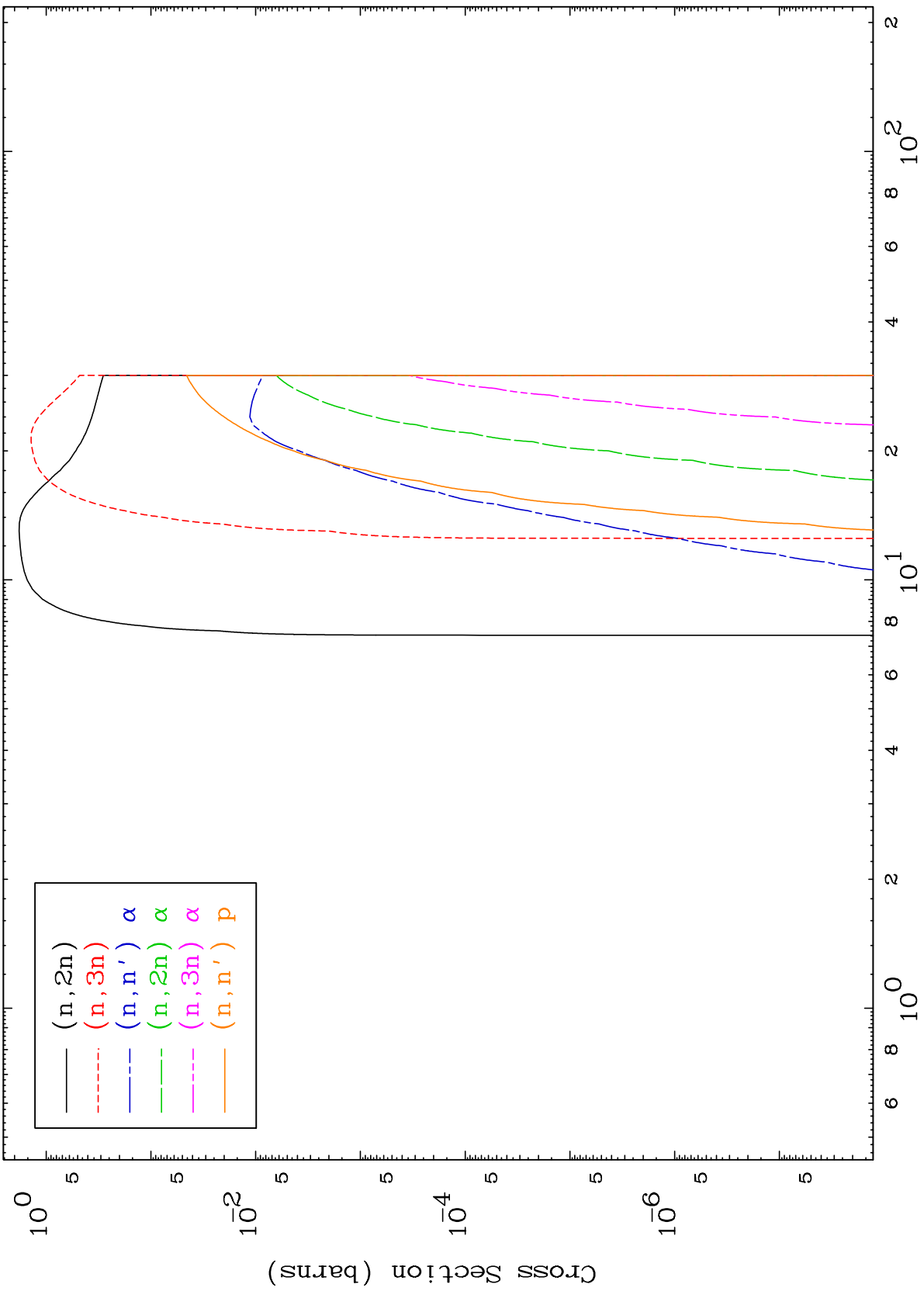
60-Nd-150



MAT 6049

Neutron Production
293 Kelvin Cross Sections

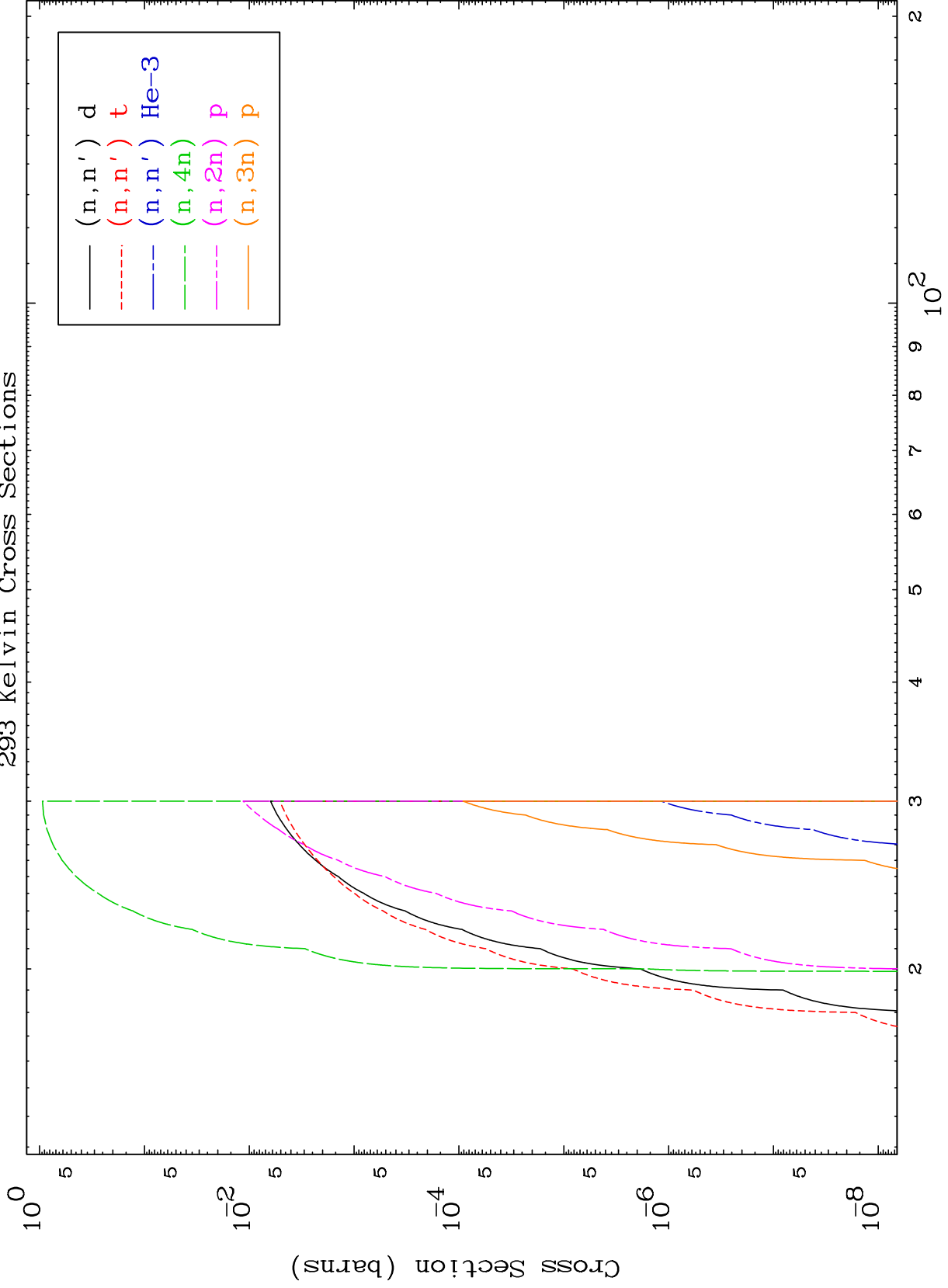
60-Nd-150



MAT 6049

Neutron Production
293 Kelvin Cross Sections

60-Nd-150



3

Incident Energy (MeV)

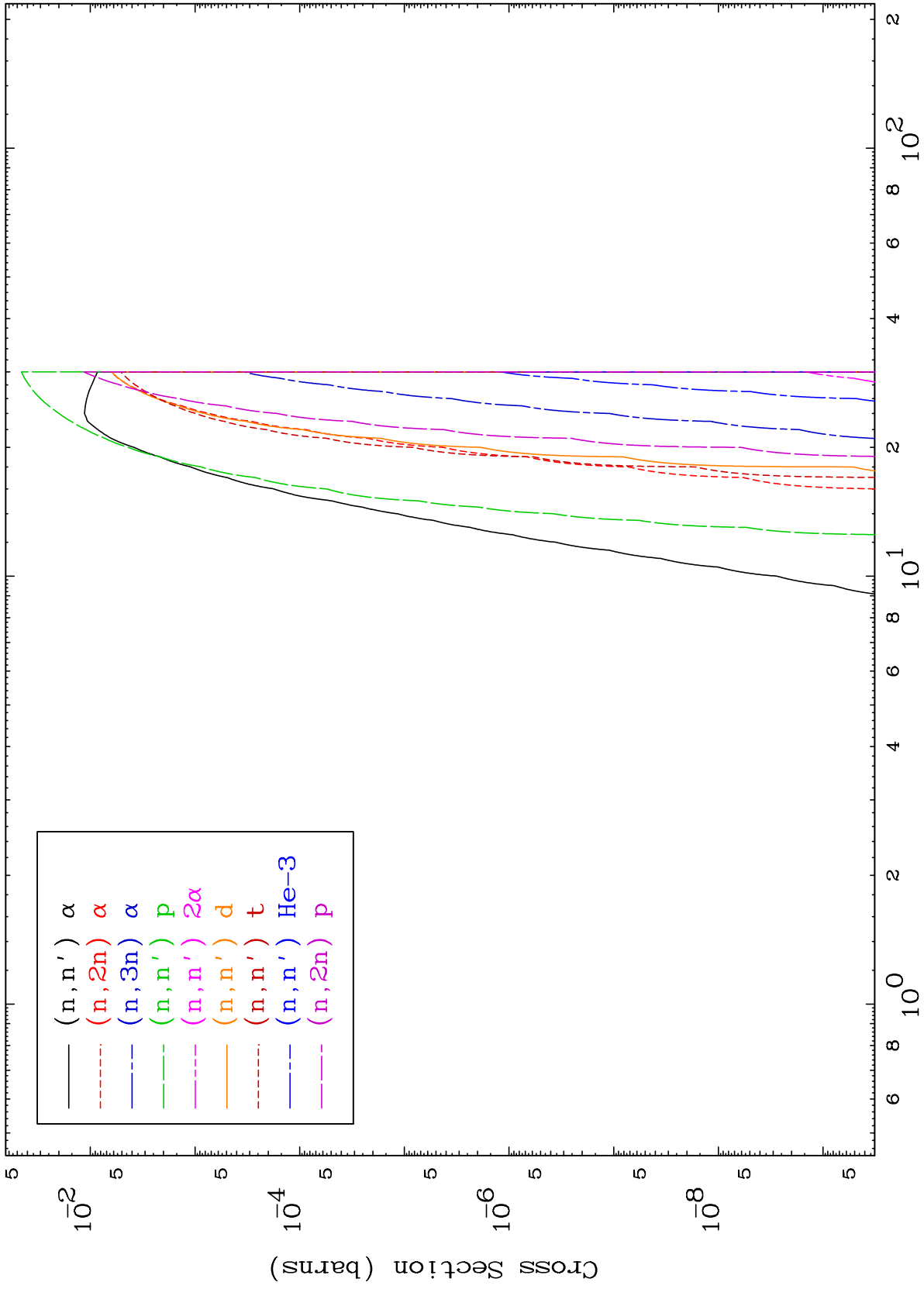
60-Nd-150

MAT 6049

Charged Particle

60-Nd-150

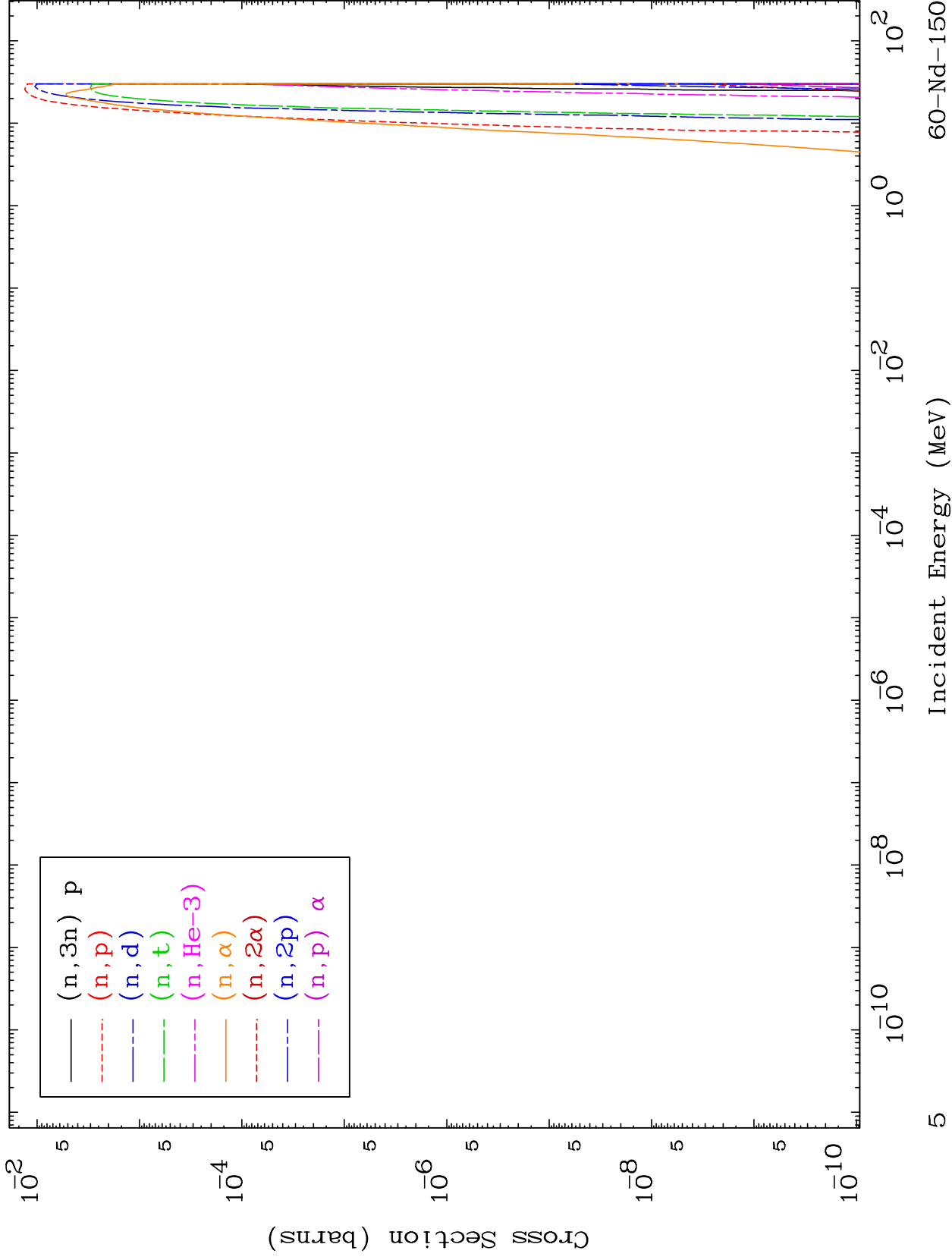
293 Kelvin Cross Sections

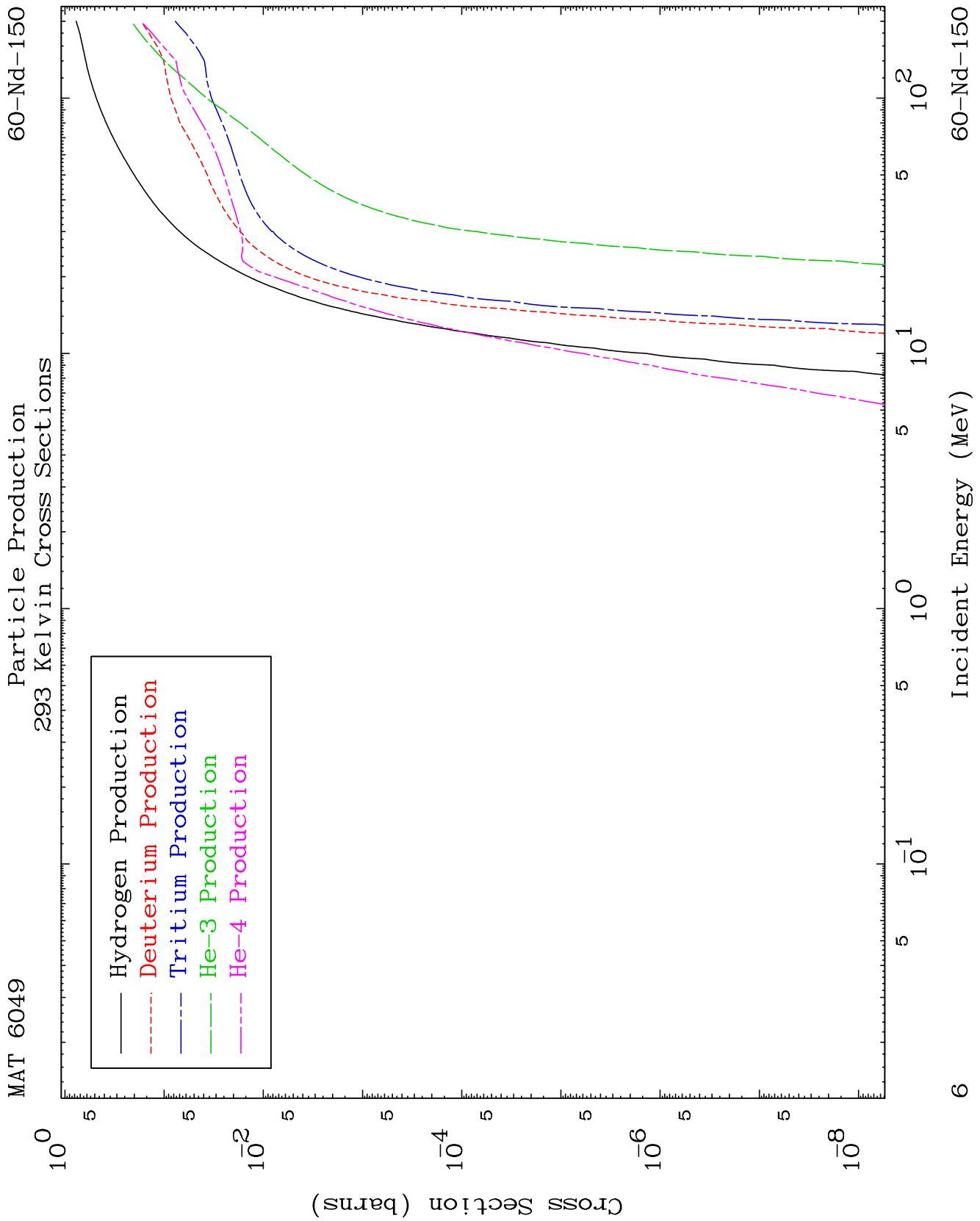


MAT 6049

Charged Particle
293 Kelvin Cross Sections

60-Nd-150



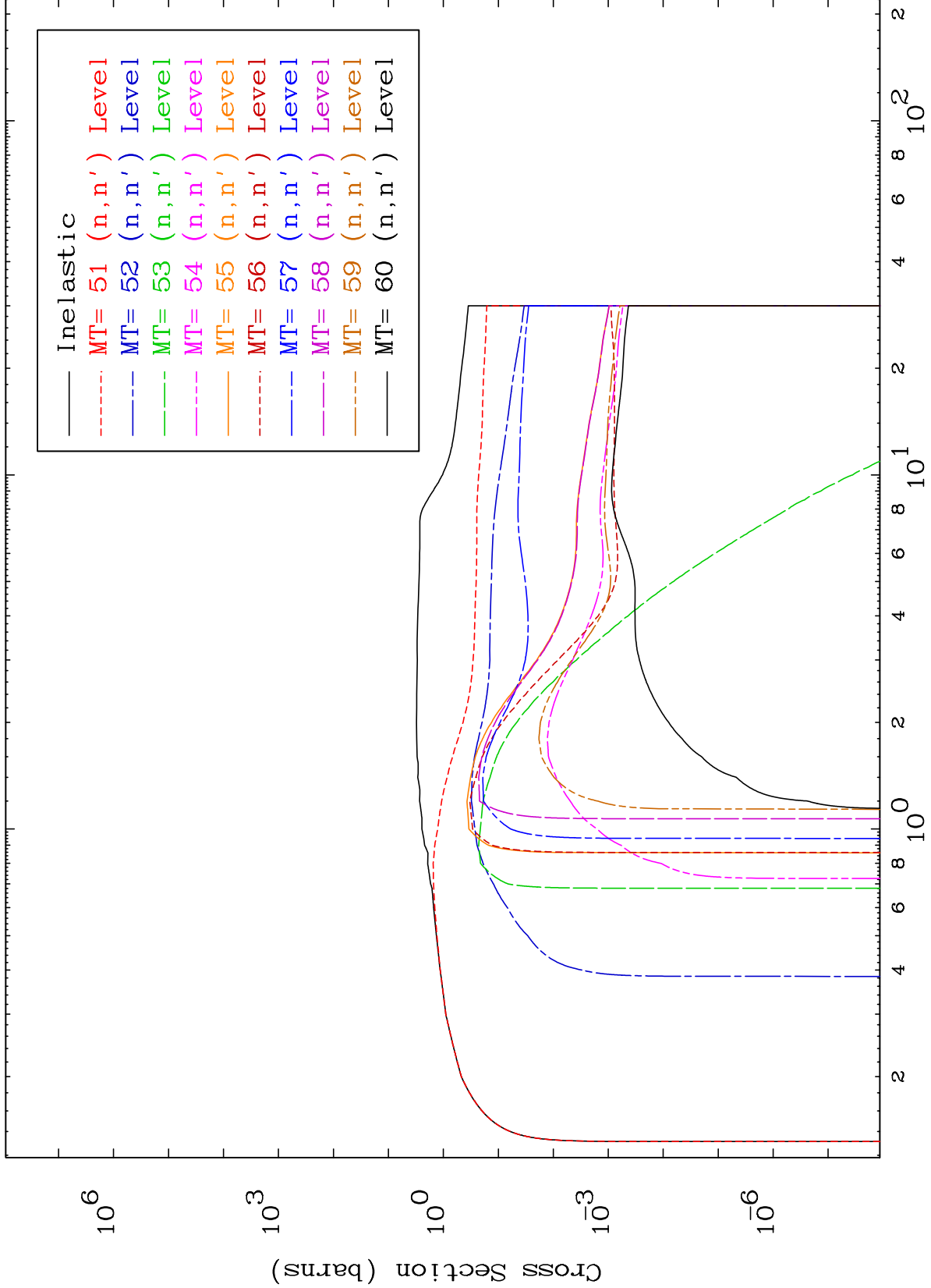


MAT 6049

(n,n') Level

60-Nd-150

293 Kelvin Cross Sections

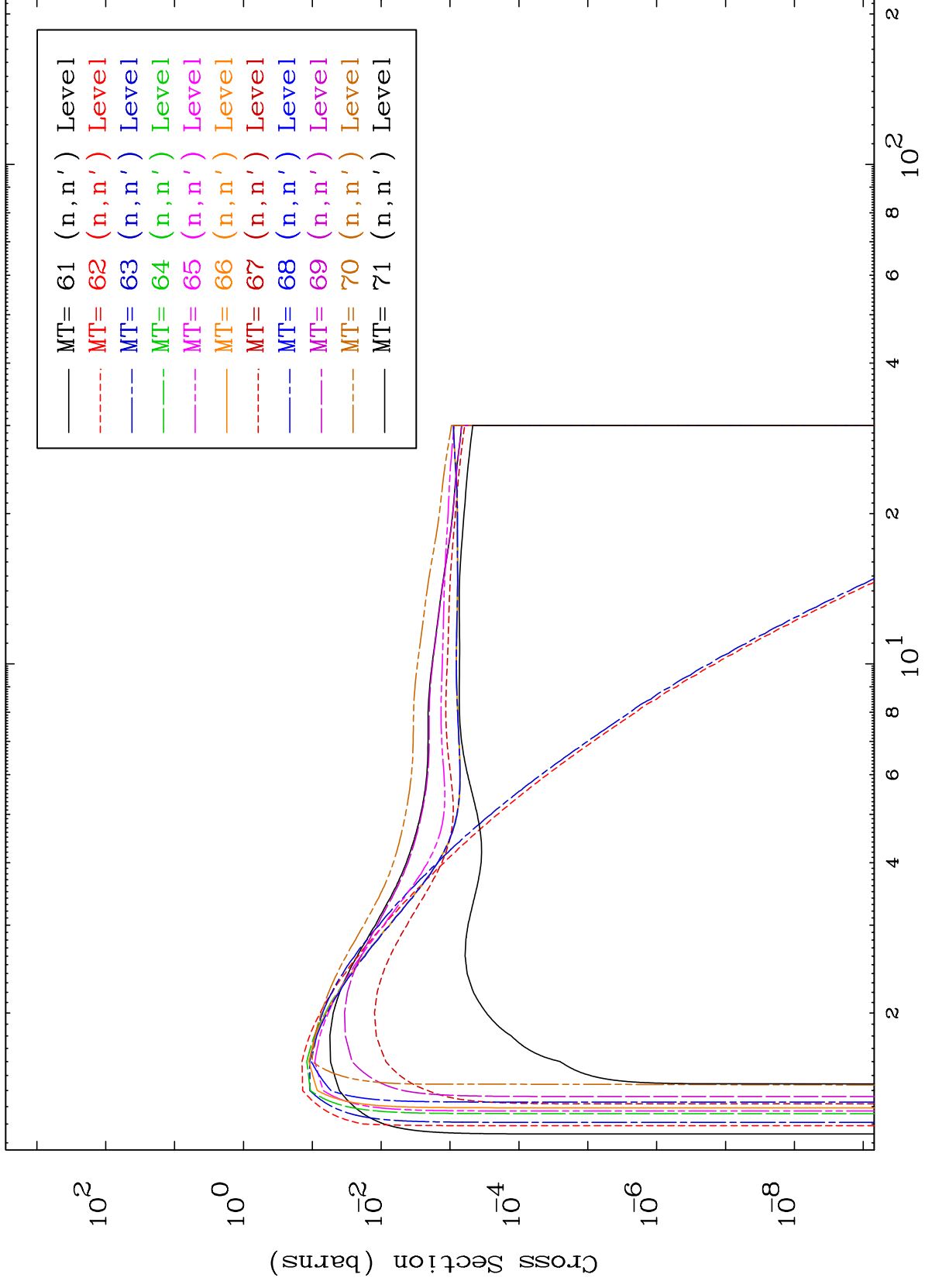


MAT 6049

(n,n') Level

60-Nd-150

293 Kelvin Cross Sections

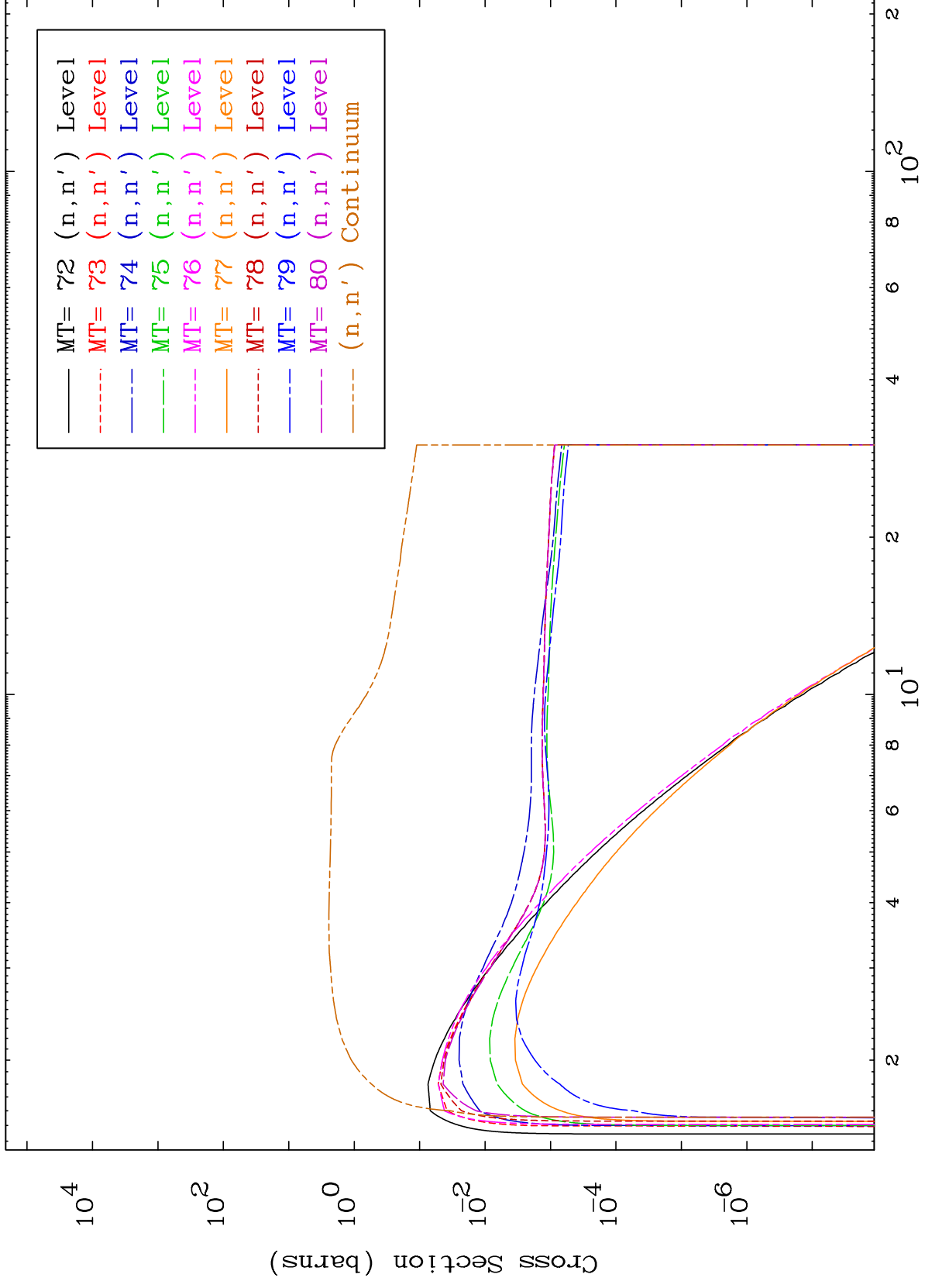


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Incident Energy (MeV)

60-Nd-150

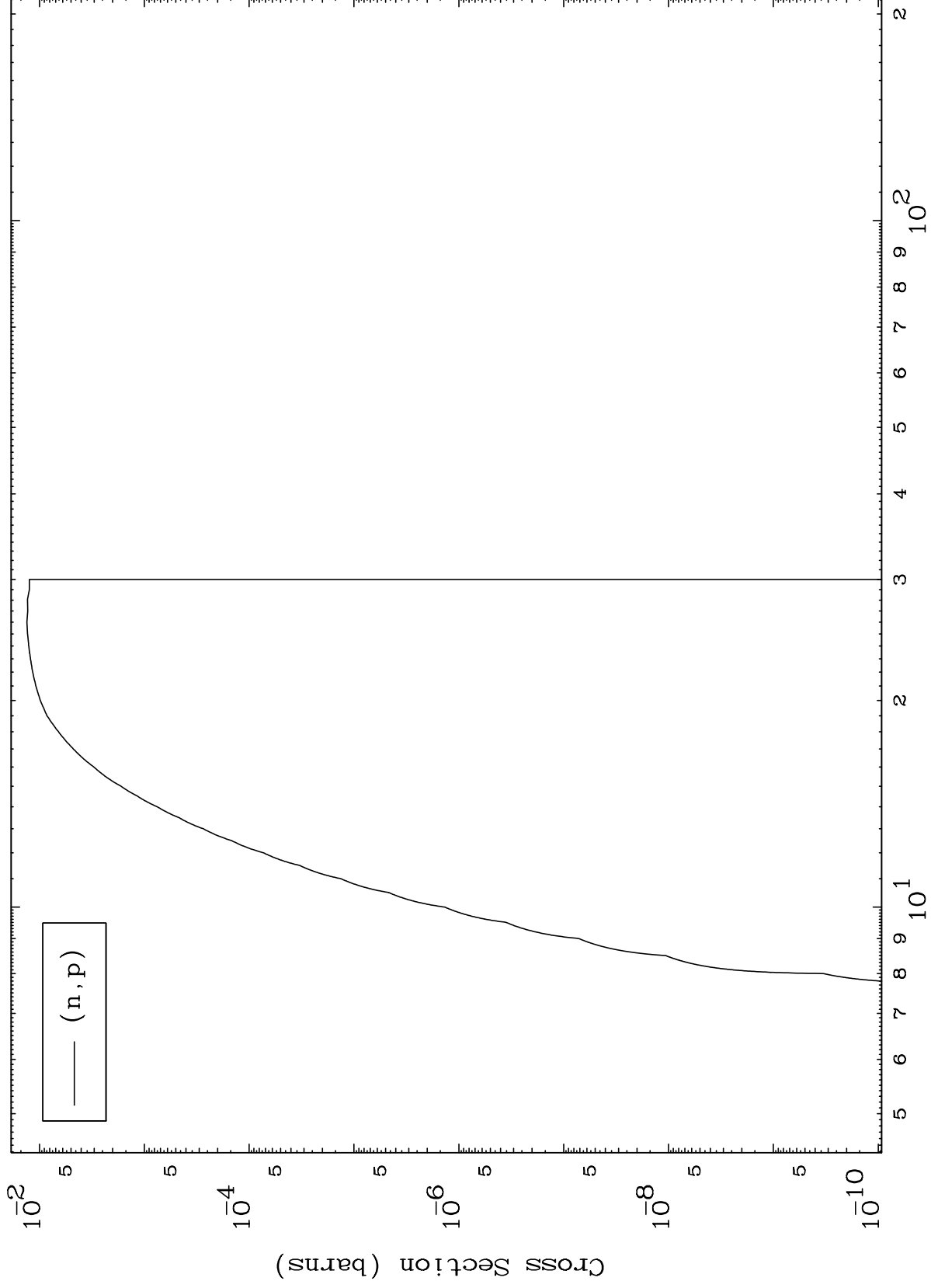
293 Kelvin Cross Sections



MAT 6049

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-150



Incident Energy (MeV)

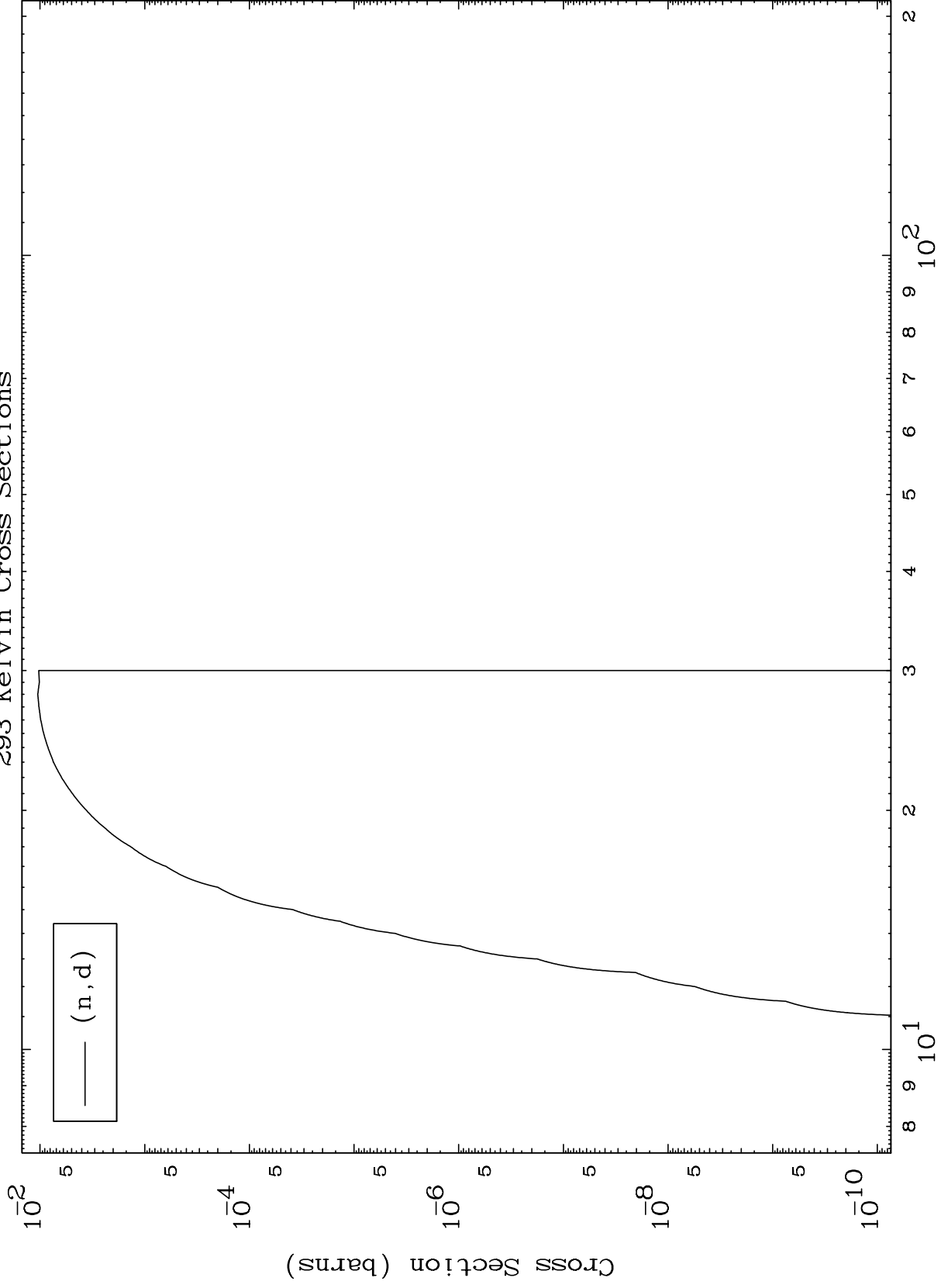
60-Nd-150

10

MAT 6049

(n,d) Levels
293 Kelvin Cross Sections

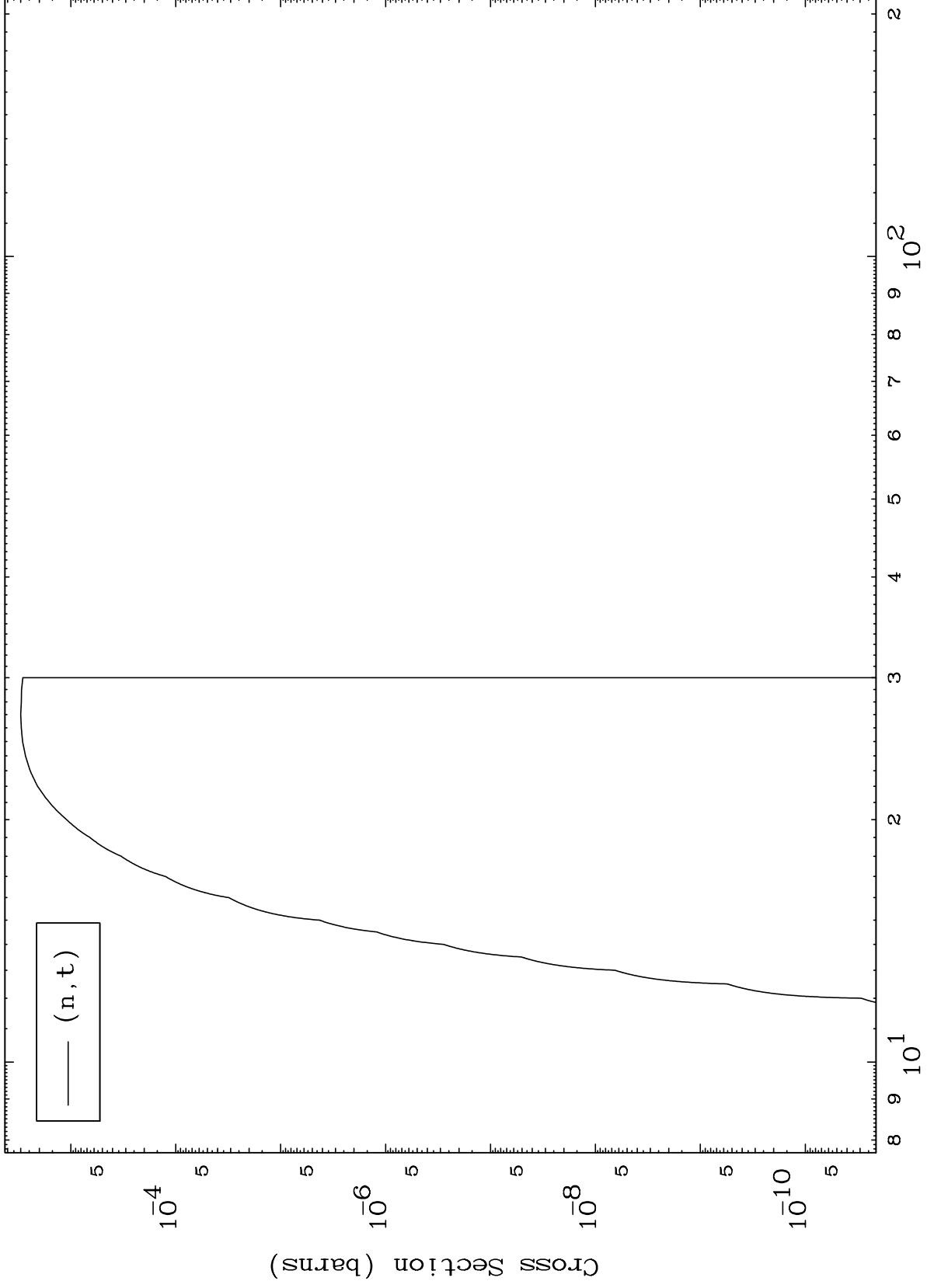
60-Nd-150



MAT 6049

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-150



12

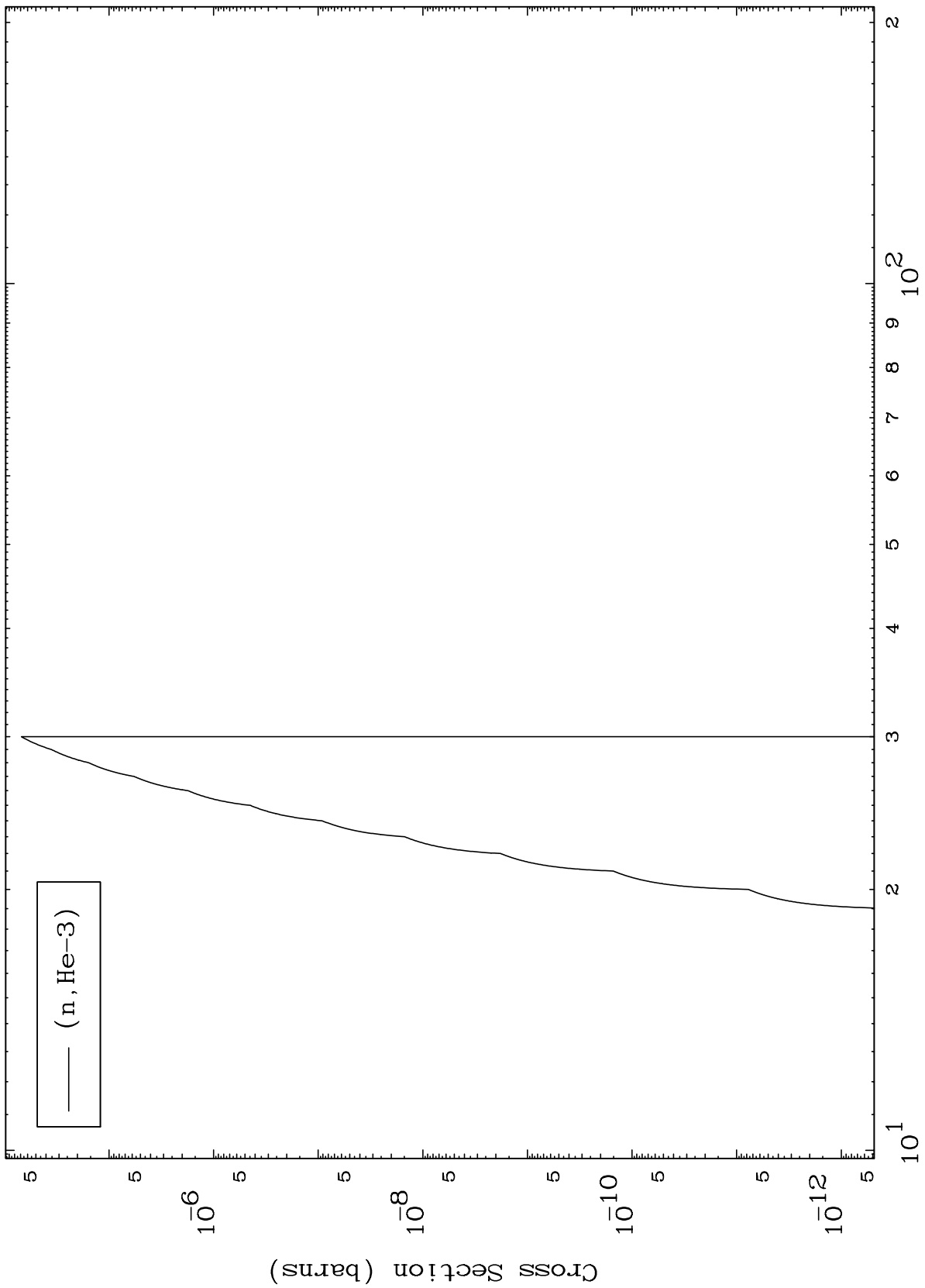
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-150



13

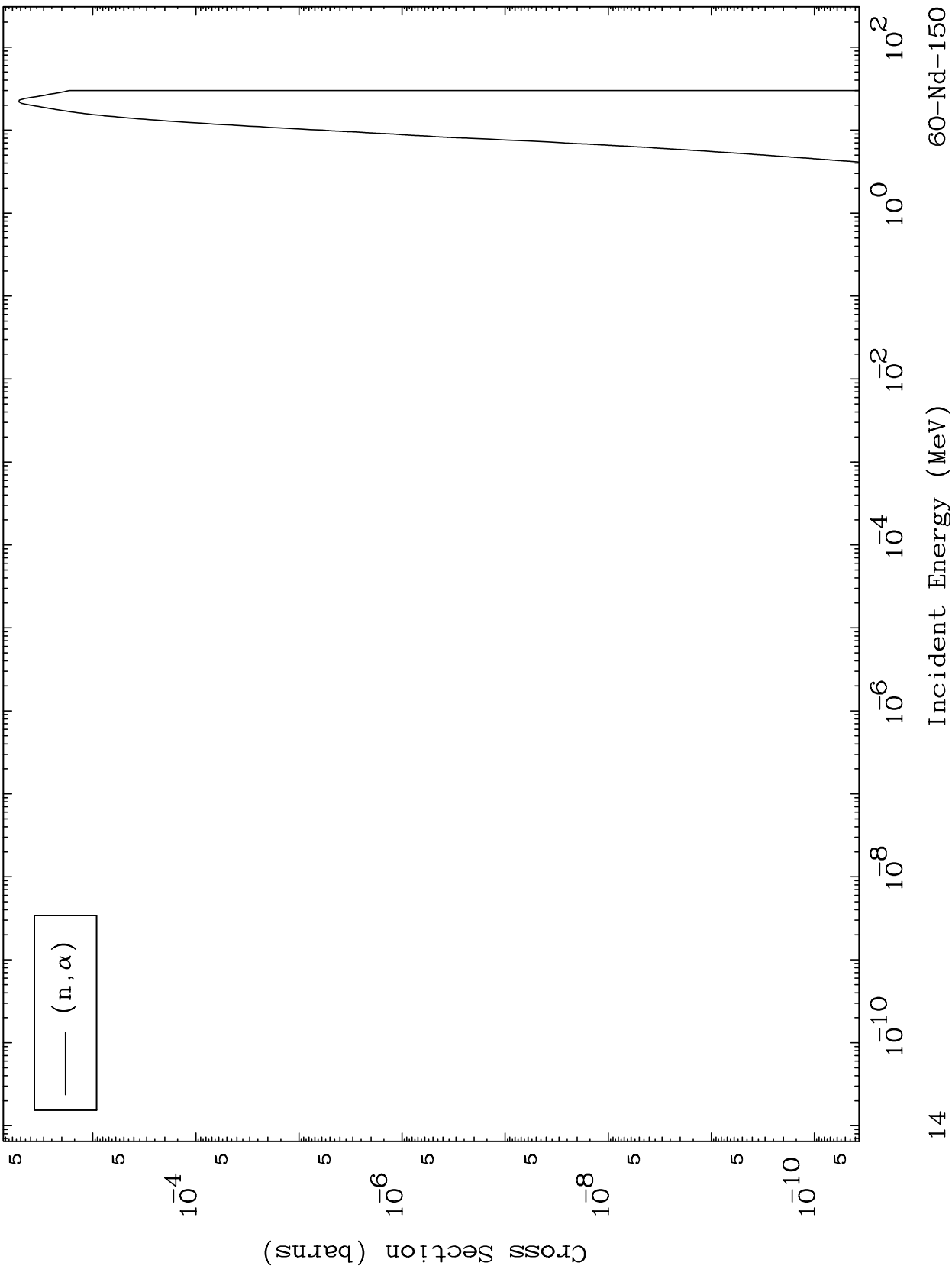
Incident Energy (MeV)

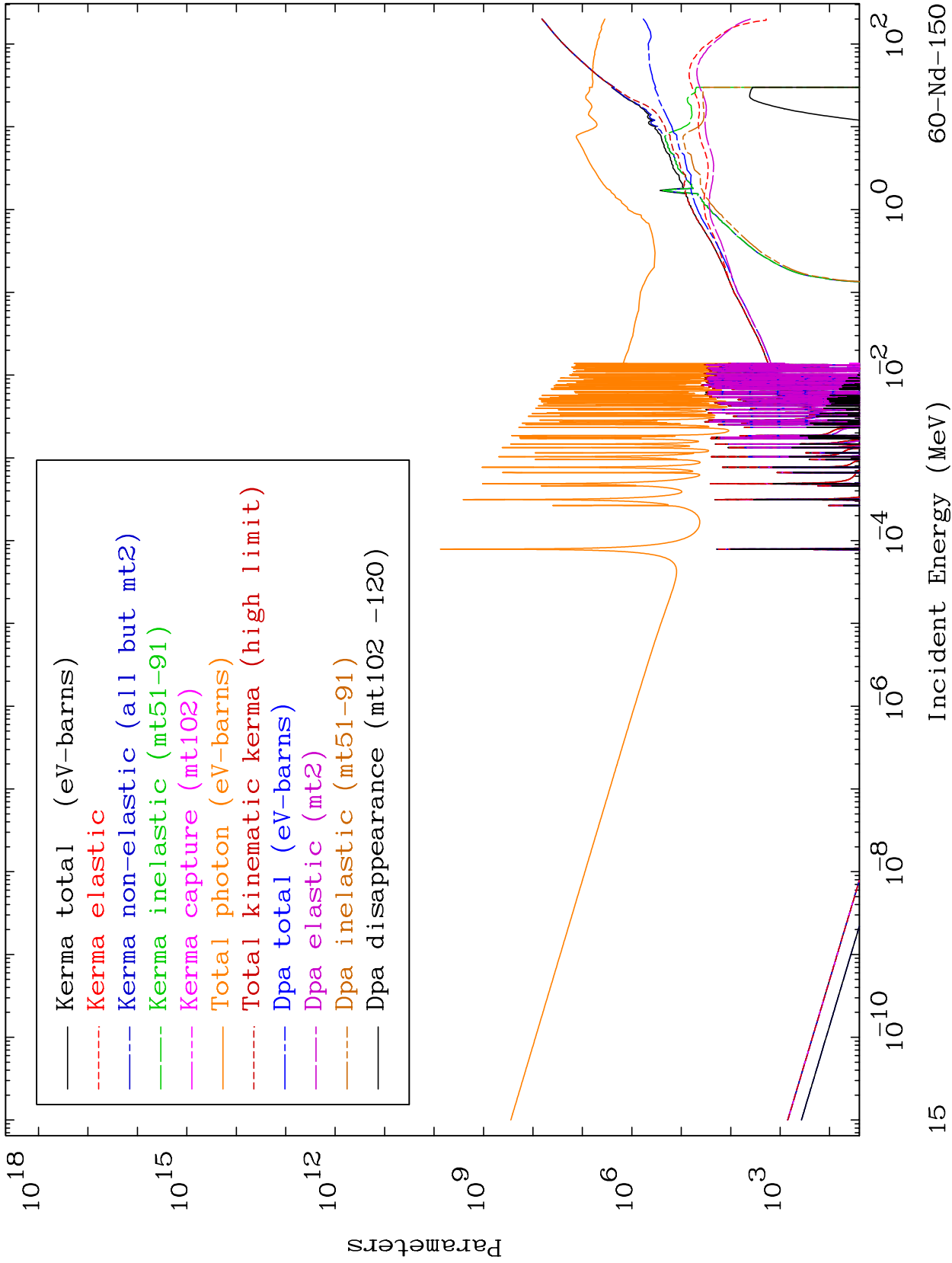
60-Nd-150

MAT 6049

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-150

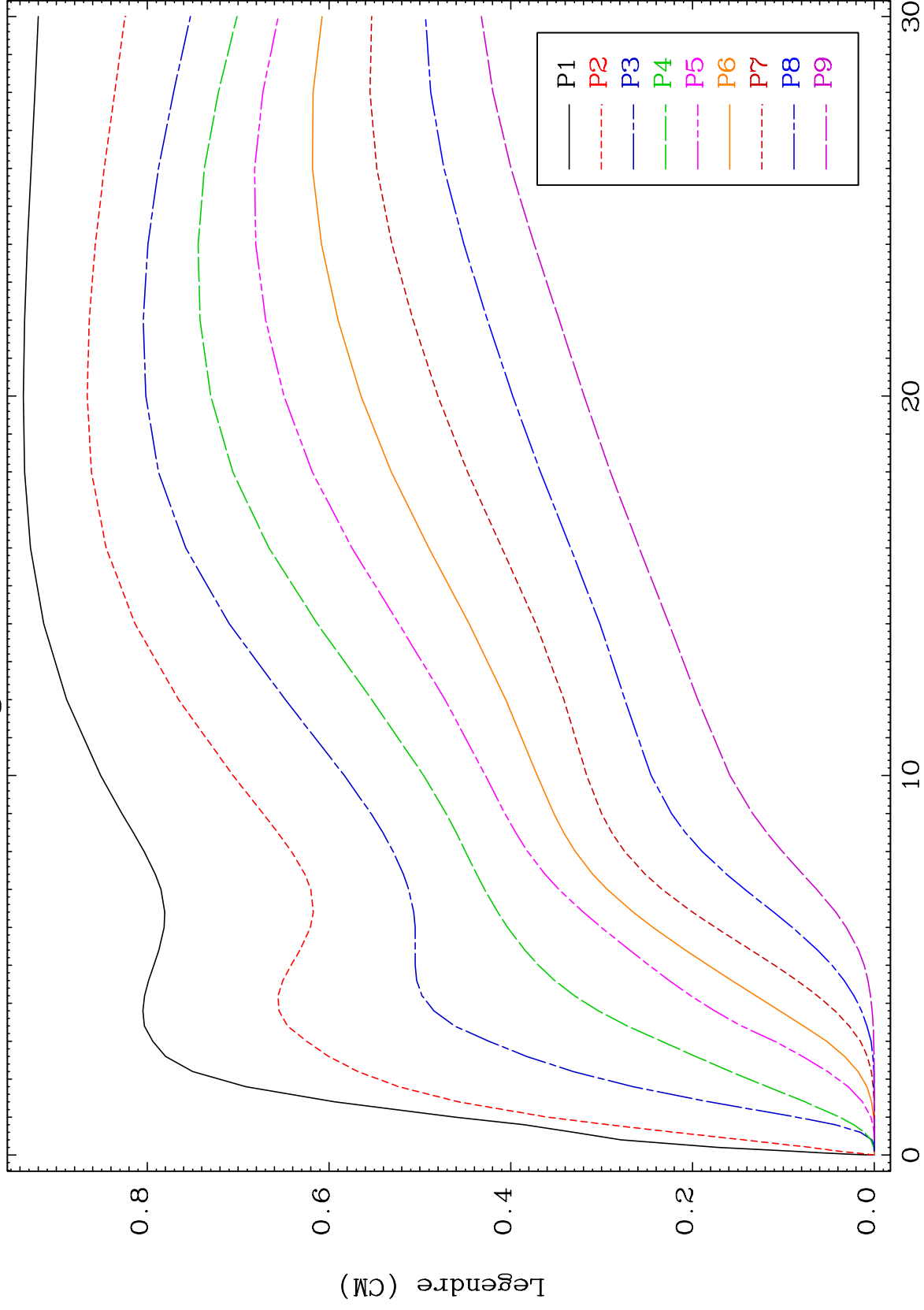




MAT 6049

Elastic Legendre Coefficients

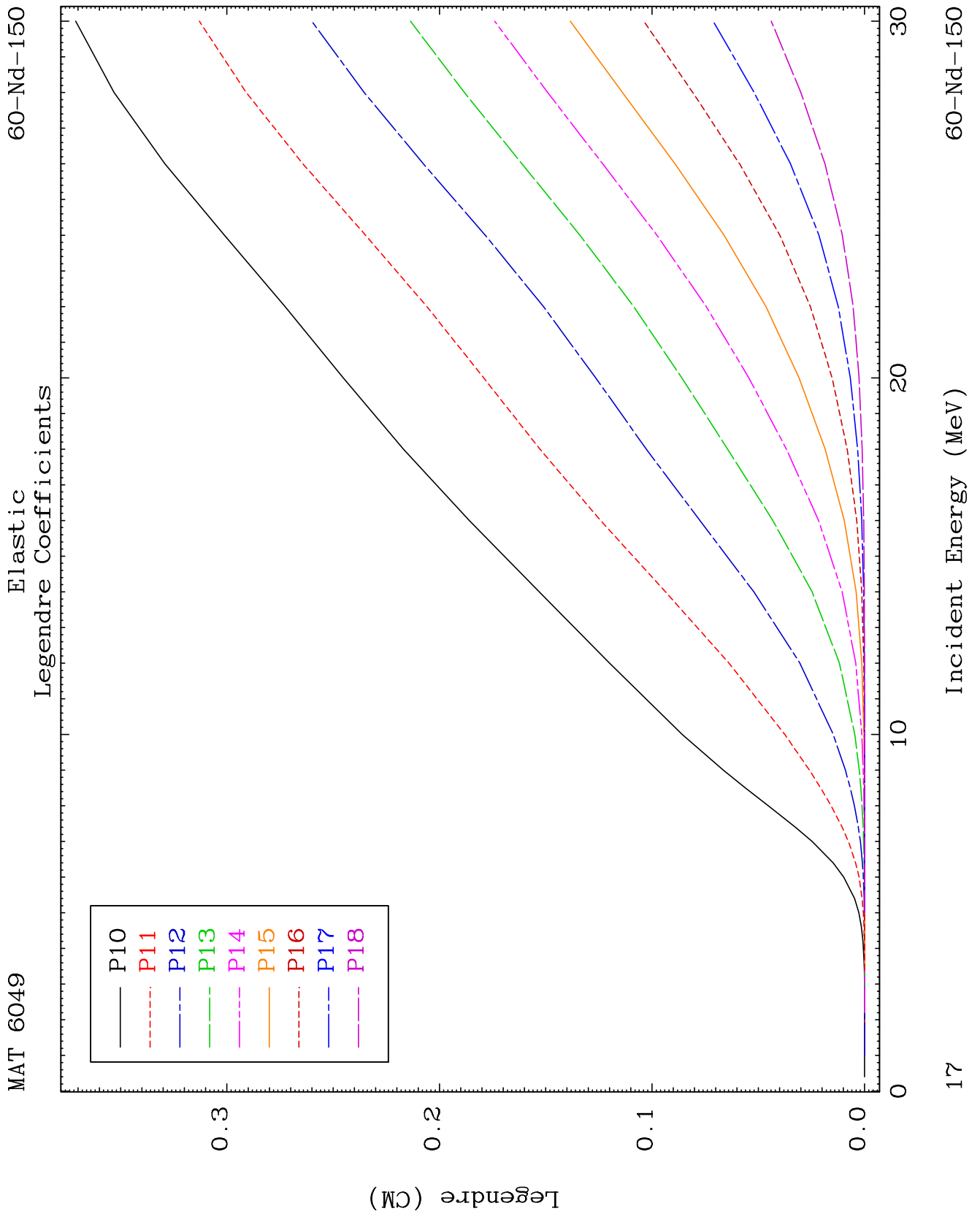
60-Nd-150



16

Incident Energy (MeV)

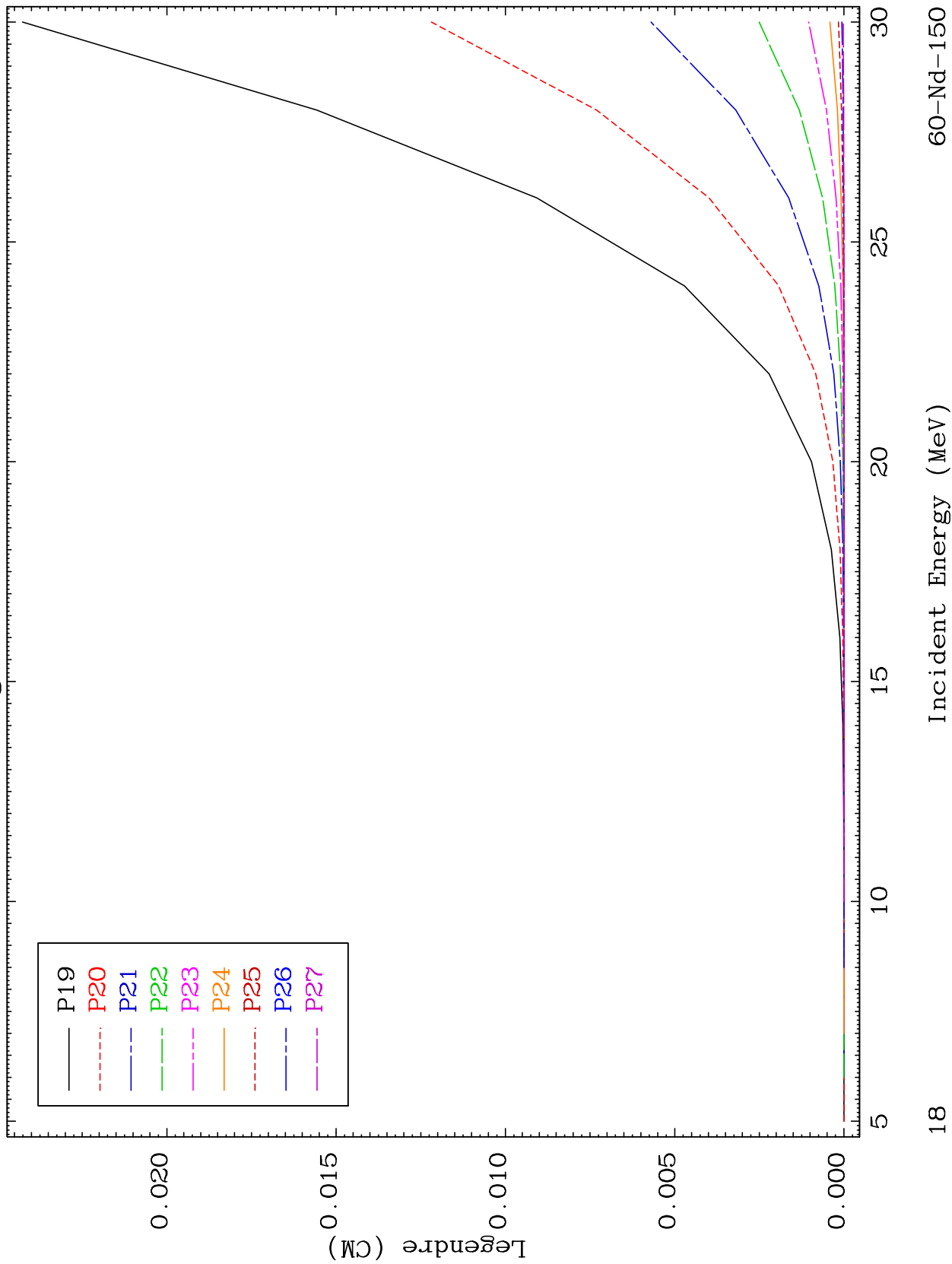
60-Nd-150



MAT 6049

Elastic Legendre Coefficients

60-Nd-150



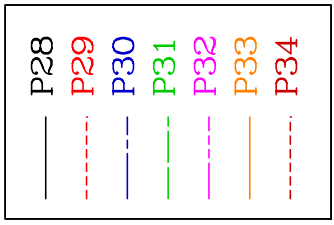
18

60-Nd-150

MAT 6049

Elastic
Legendre Coefficients

60-Nd-150



$\times 10^{-6}$

6

4

2

0

15

20

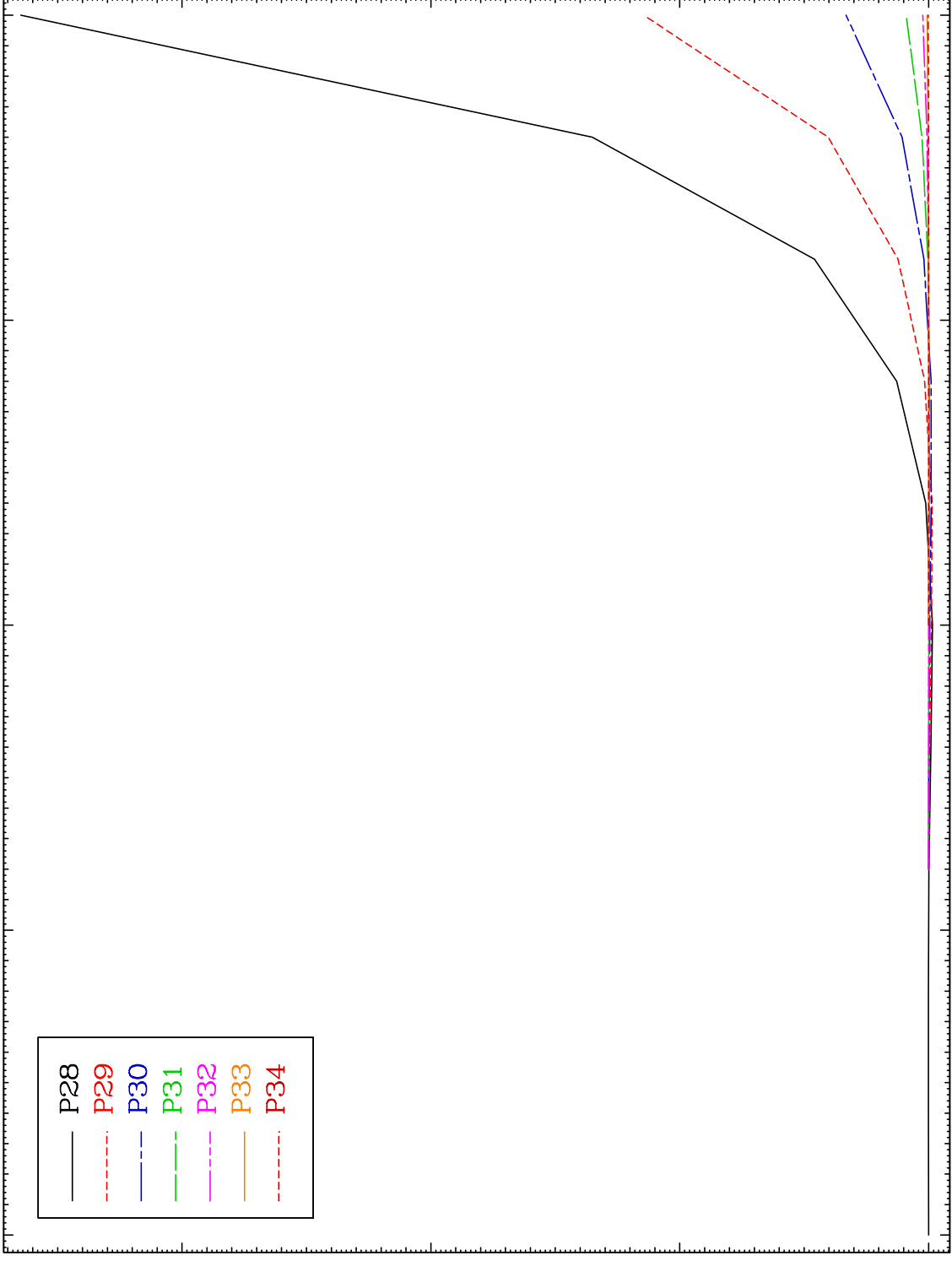
25

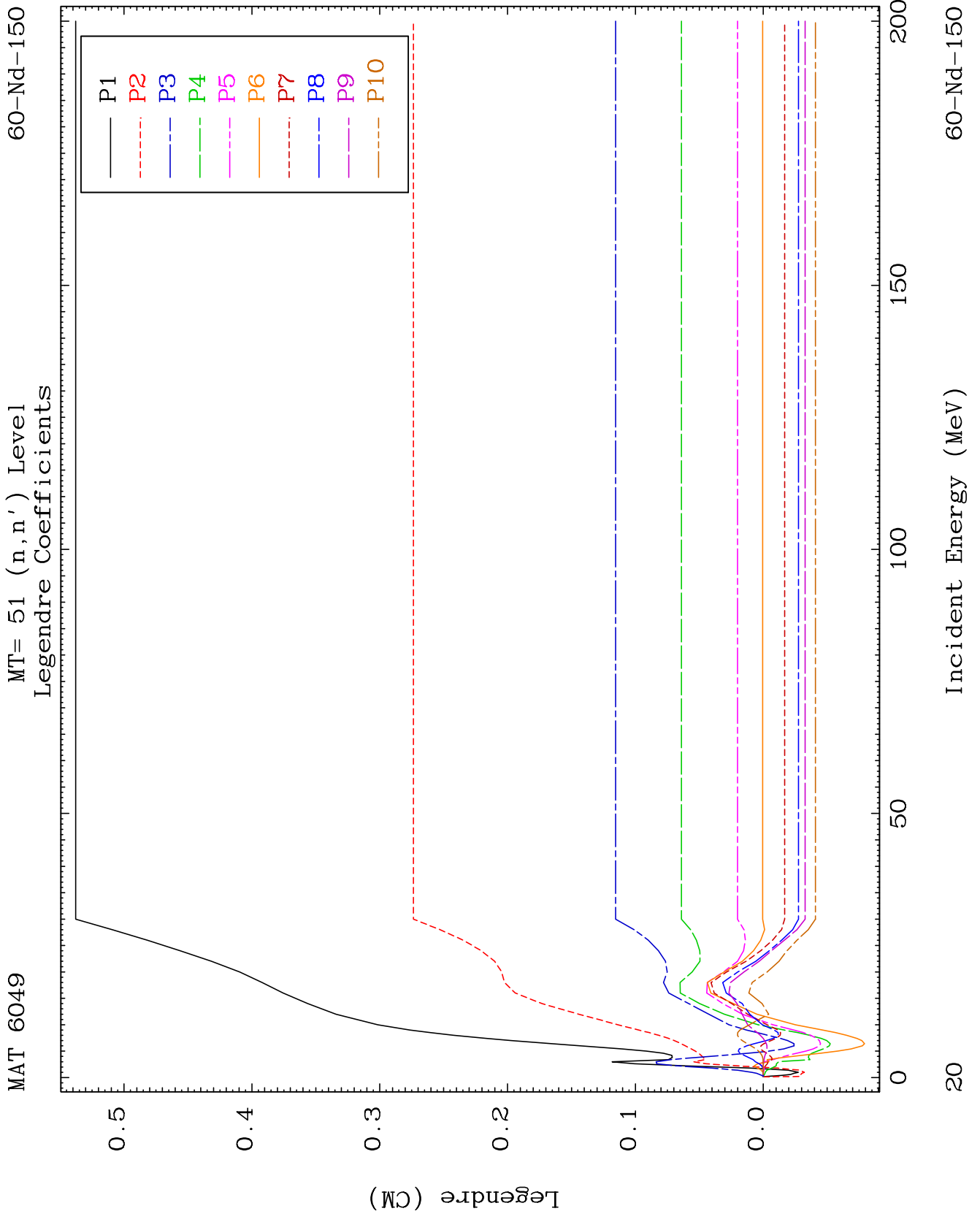
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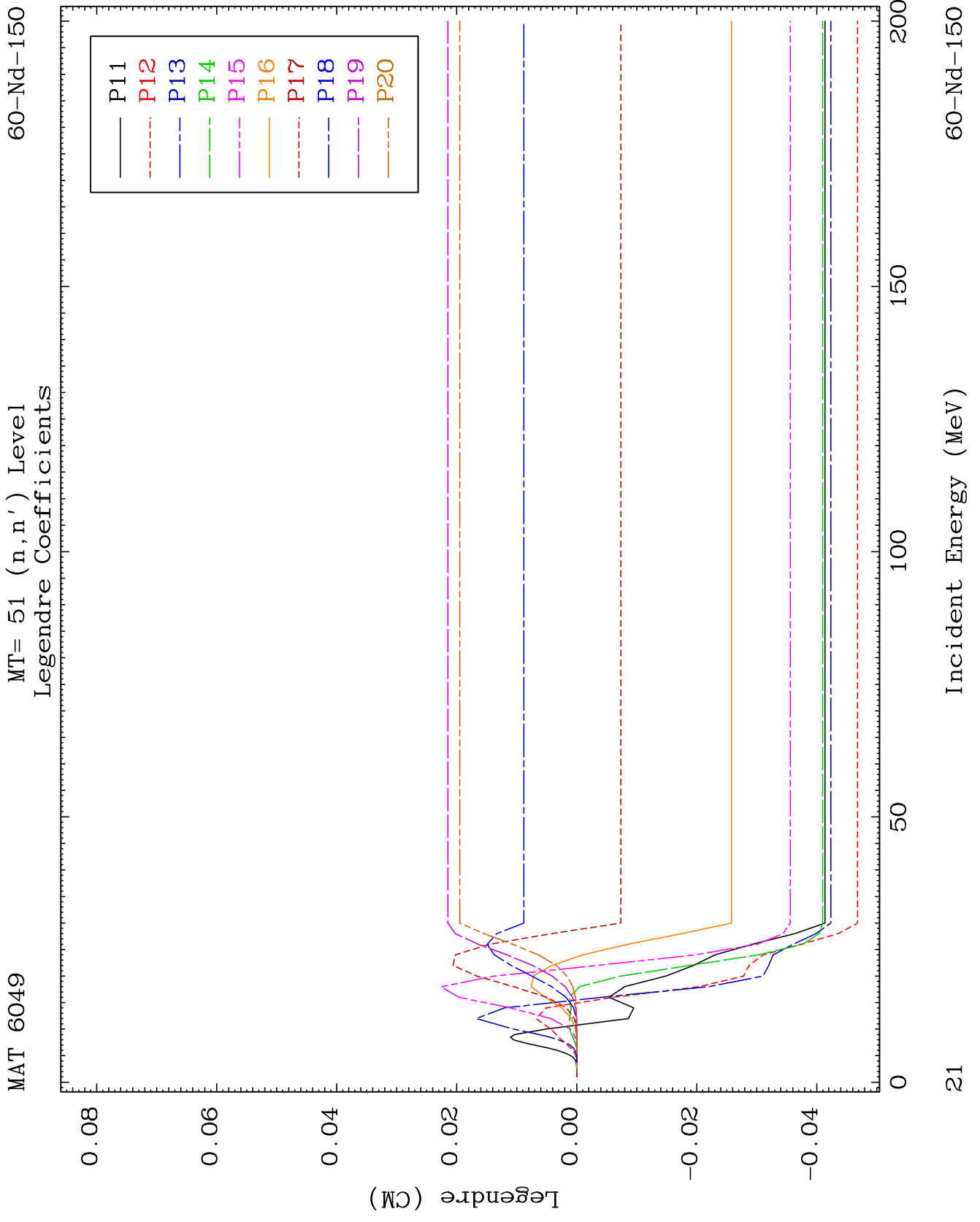
19

Incident Energy (MeV)

60-Nd-150



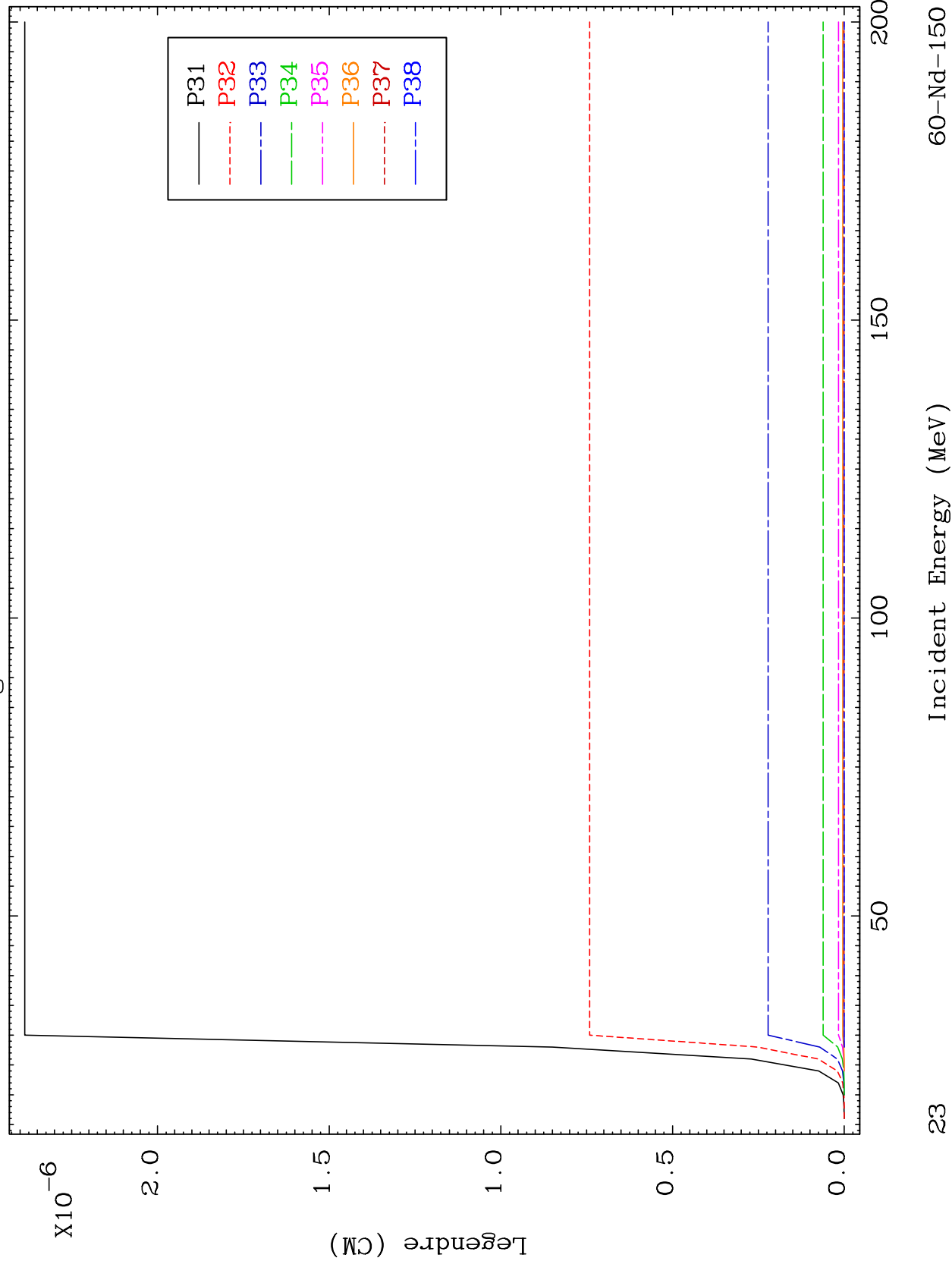




MAT 6049

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

60-Nd-150



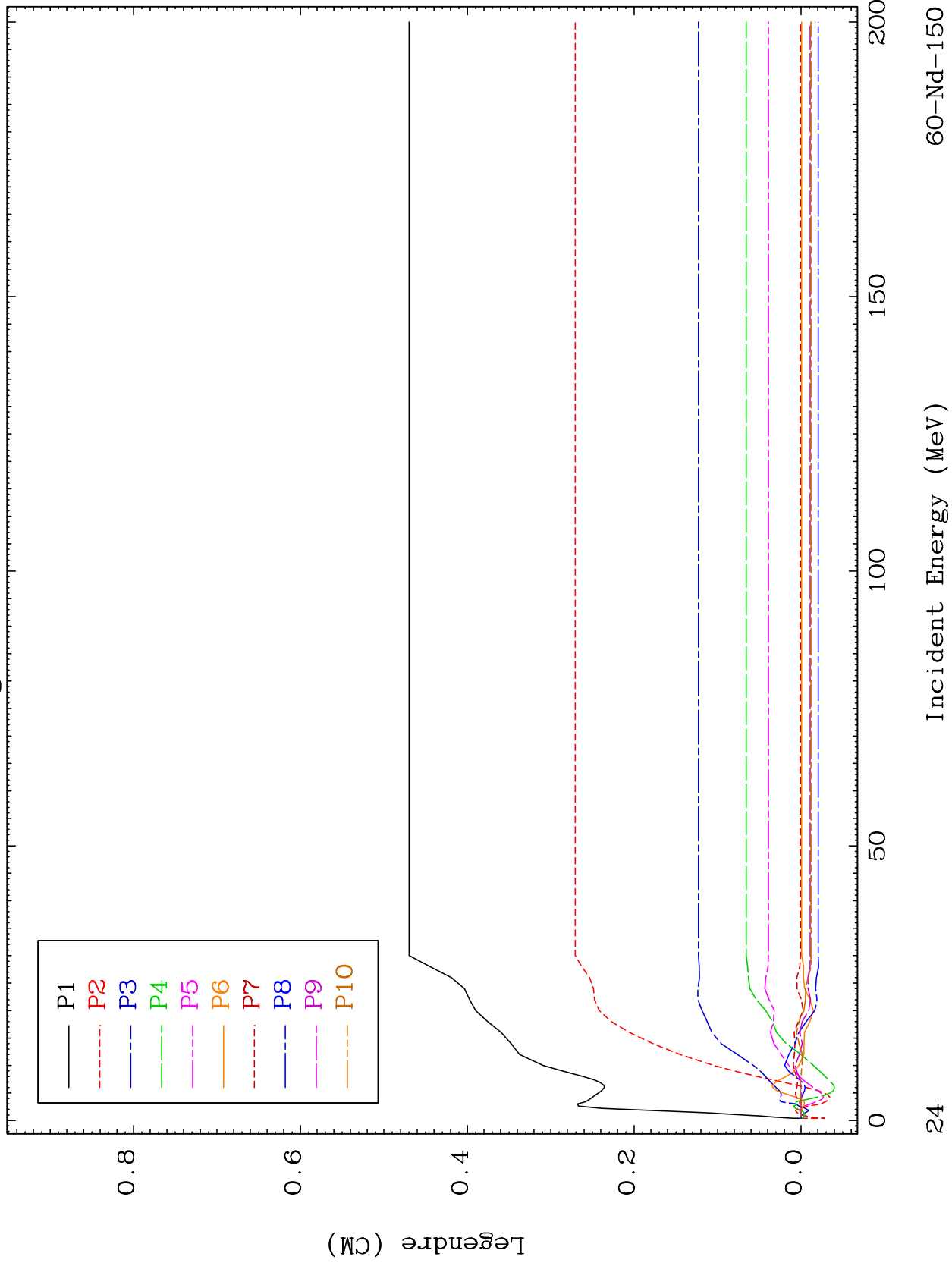
23

60-Nd-150

MAT 6049

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

60-Nd-150



24

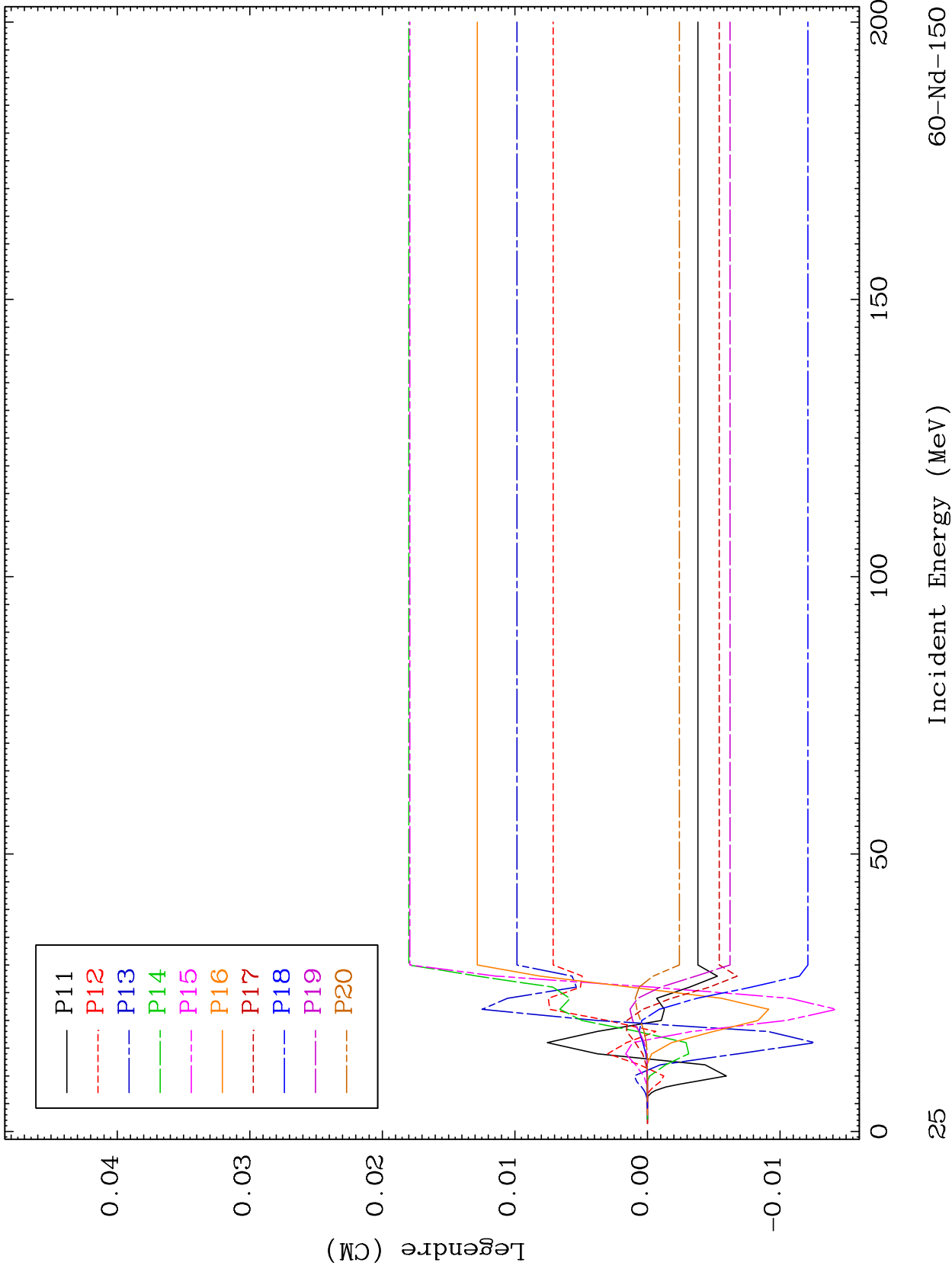
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



60-Nd-150

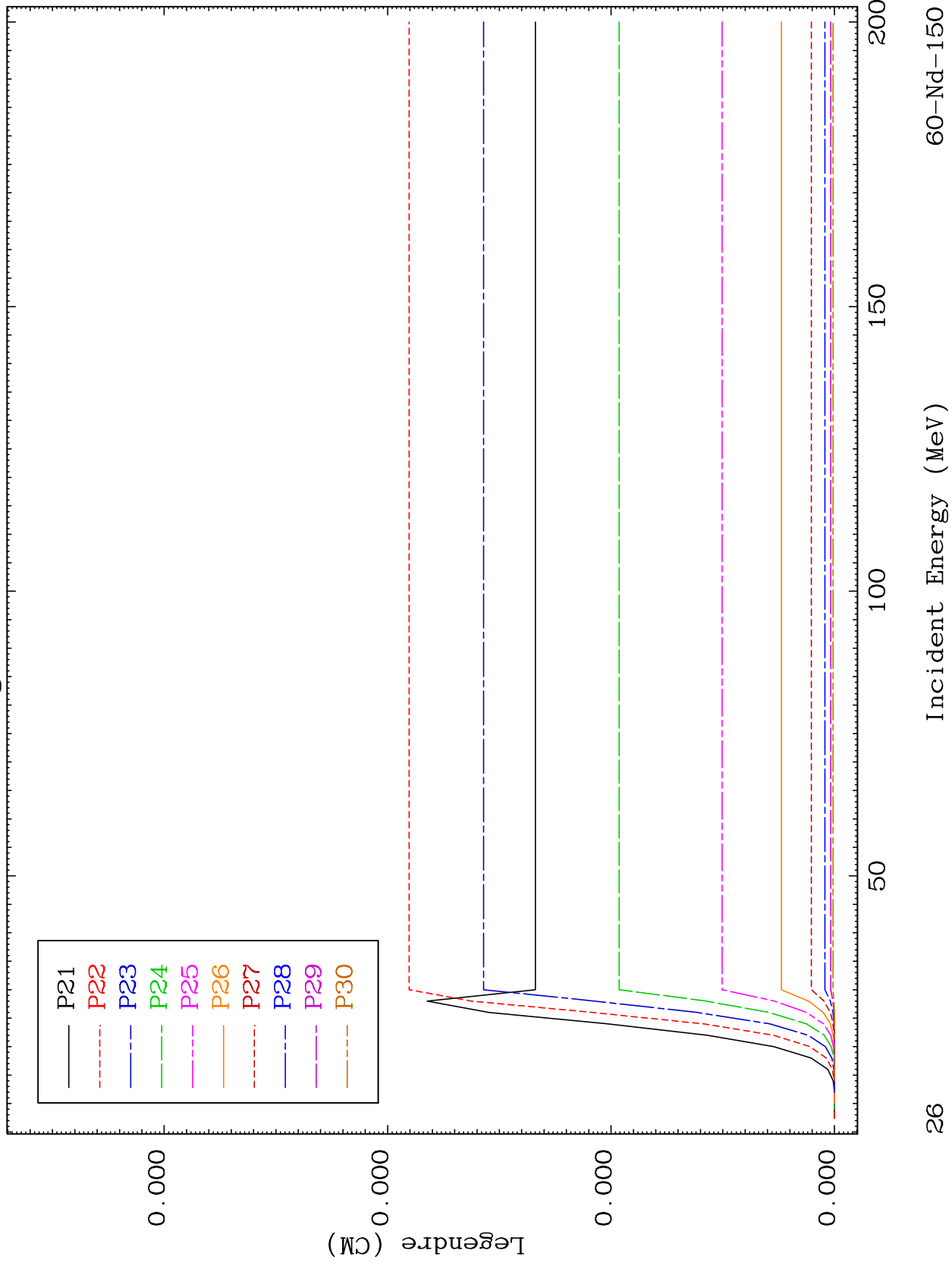
Incident Energy (MeV)

25

MAT 6049

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

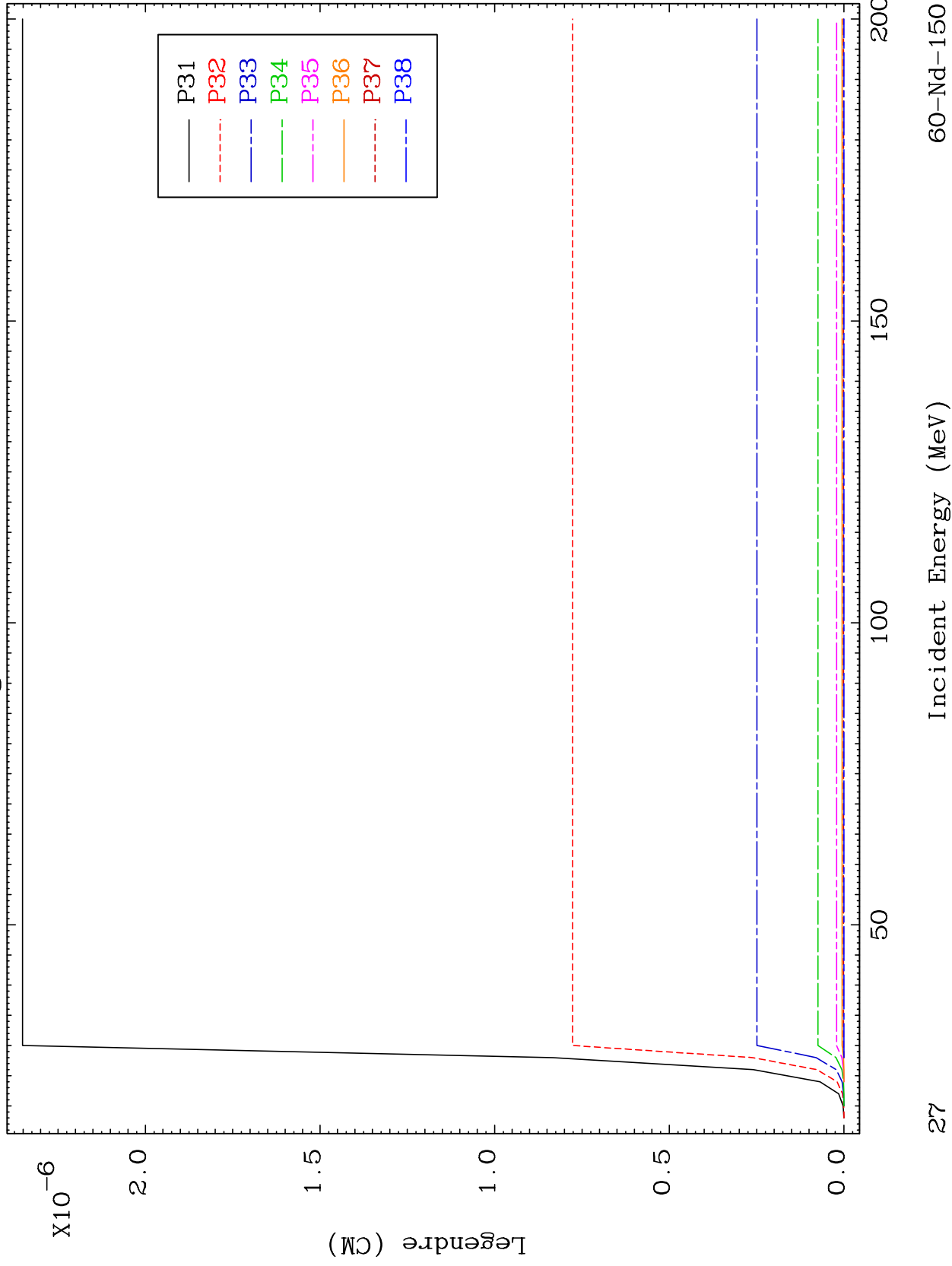
60-Nd-150



MAT 6049

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

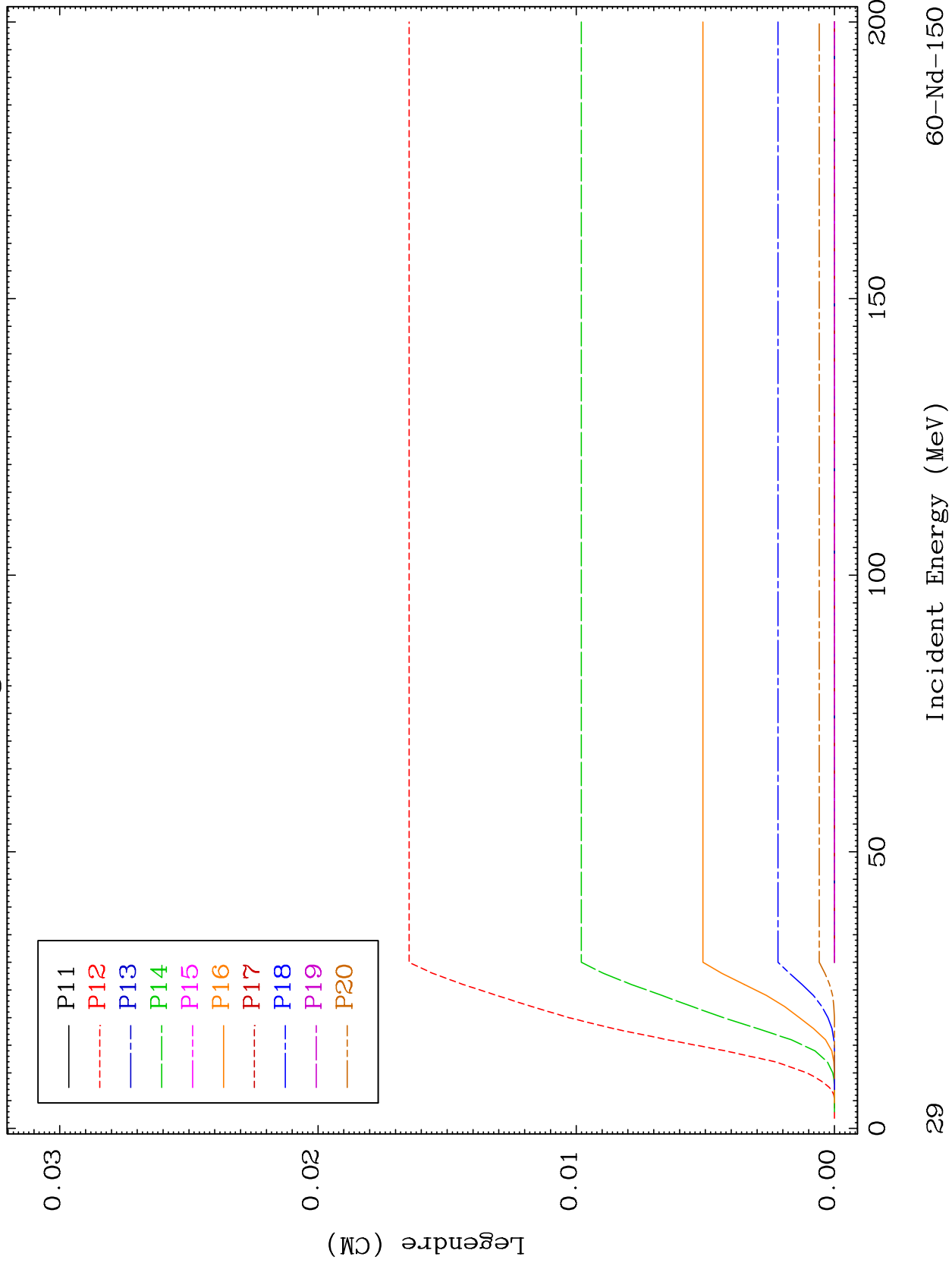
60-Nd-150



MAT 6049

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

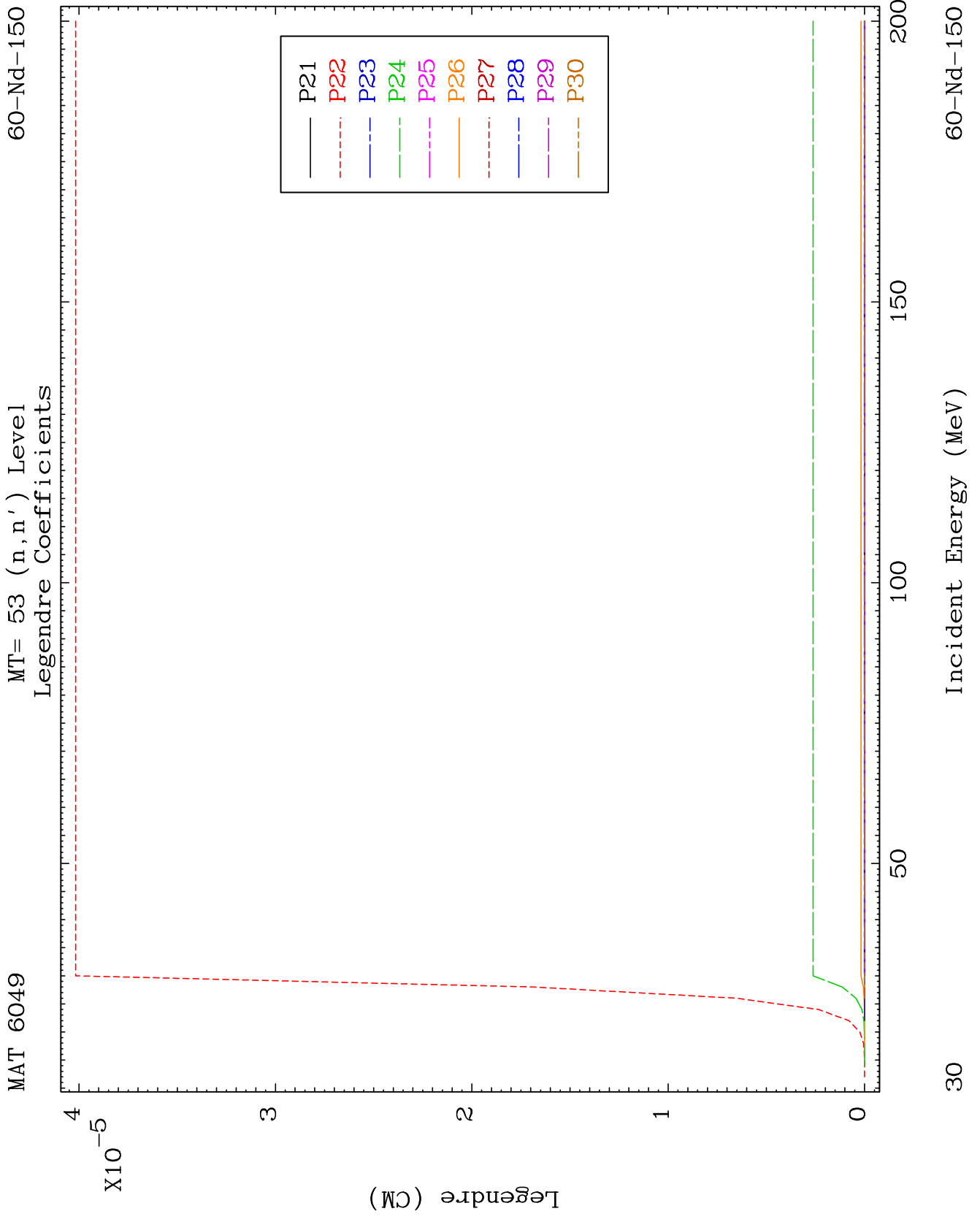
60-Nd-150



29

Incident Energy (MeV)

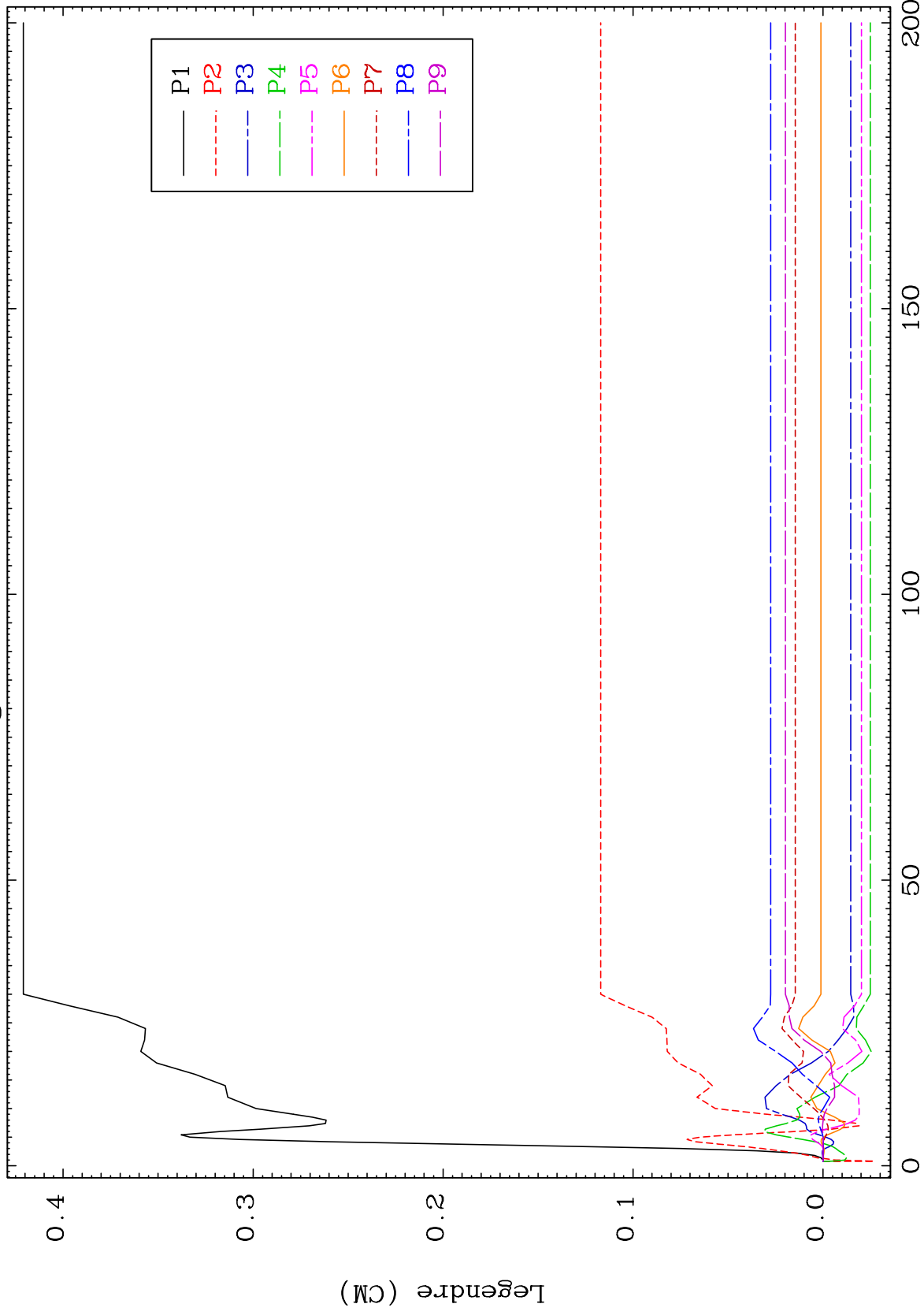
60-Nd-150



MAT 6049

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

60-Nd-150



31

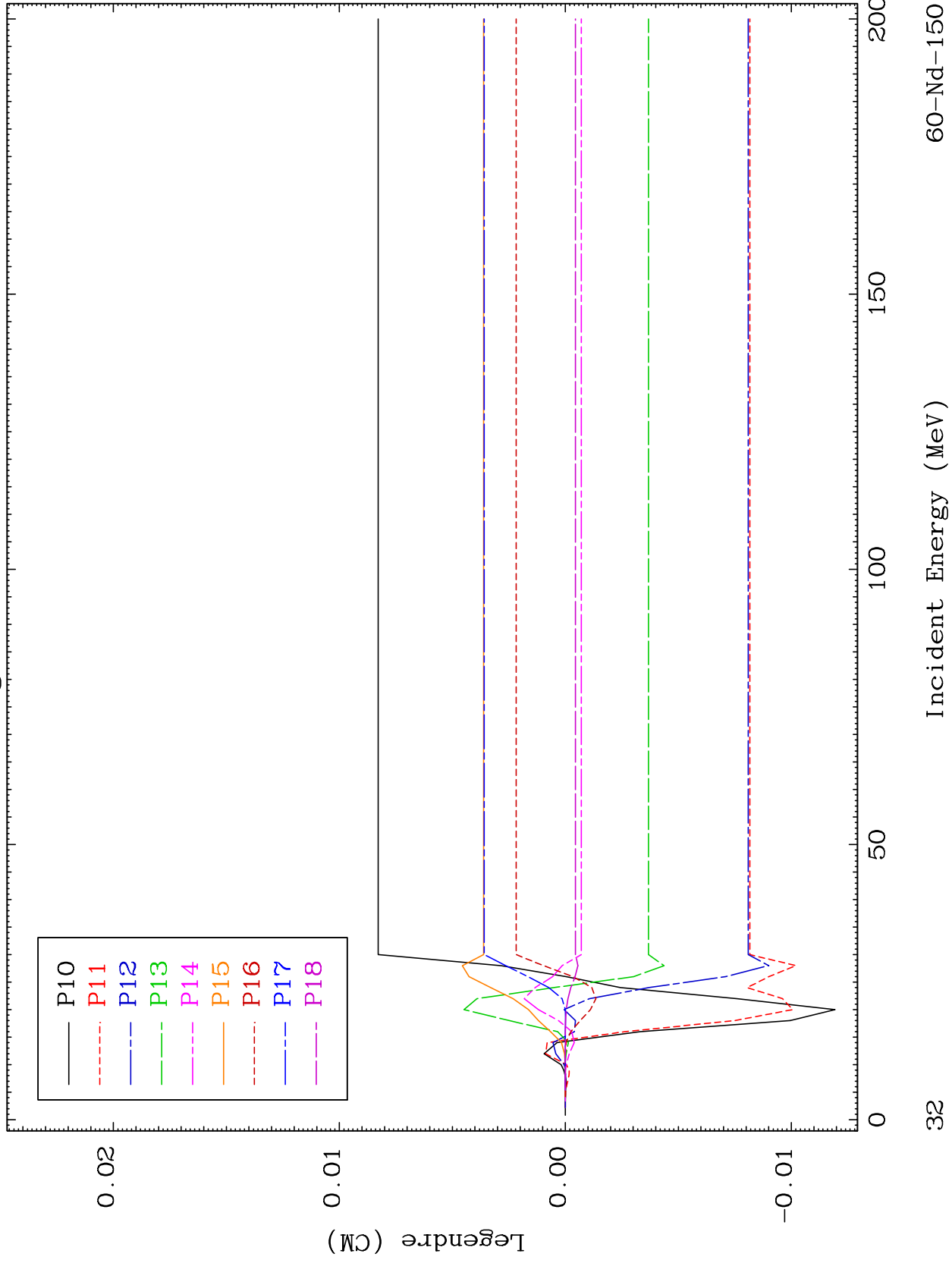
Incident Energy (MeV)

60-Nd-150

MAT 6049

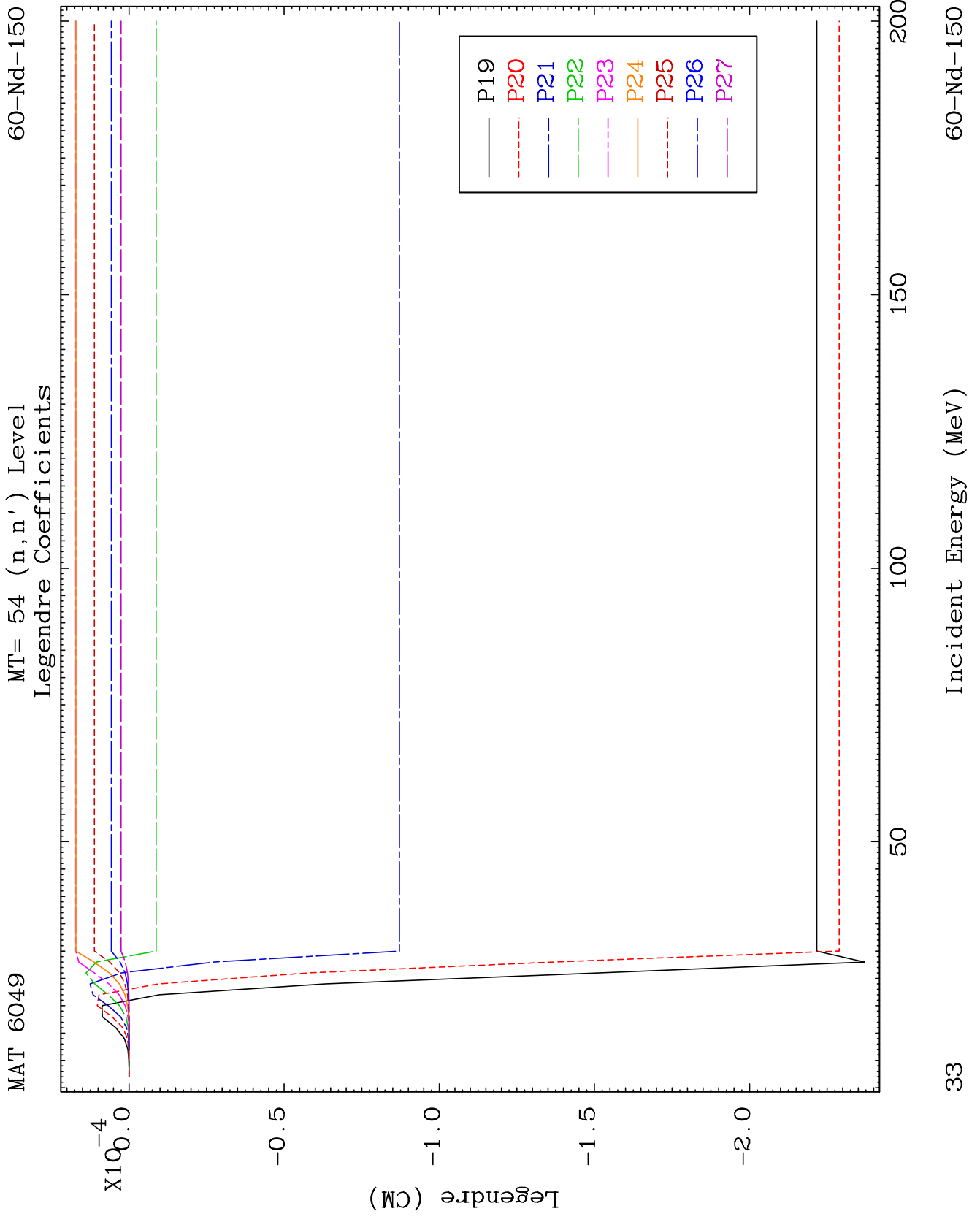
MT= 54 (n,n') Level
Legendre Coefficients

60-Nd-150



32

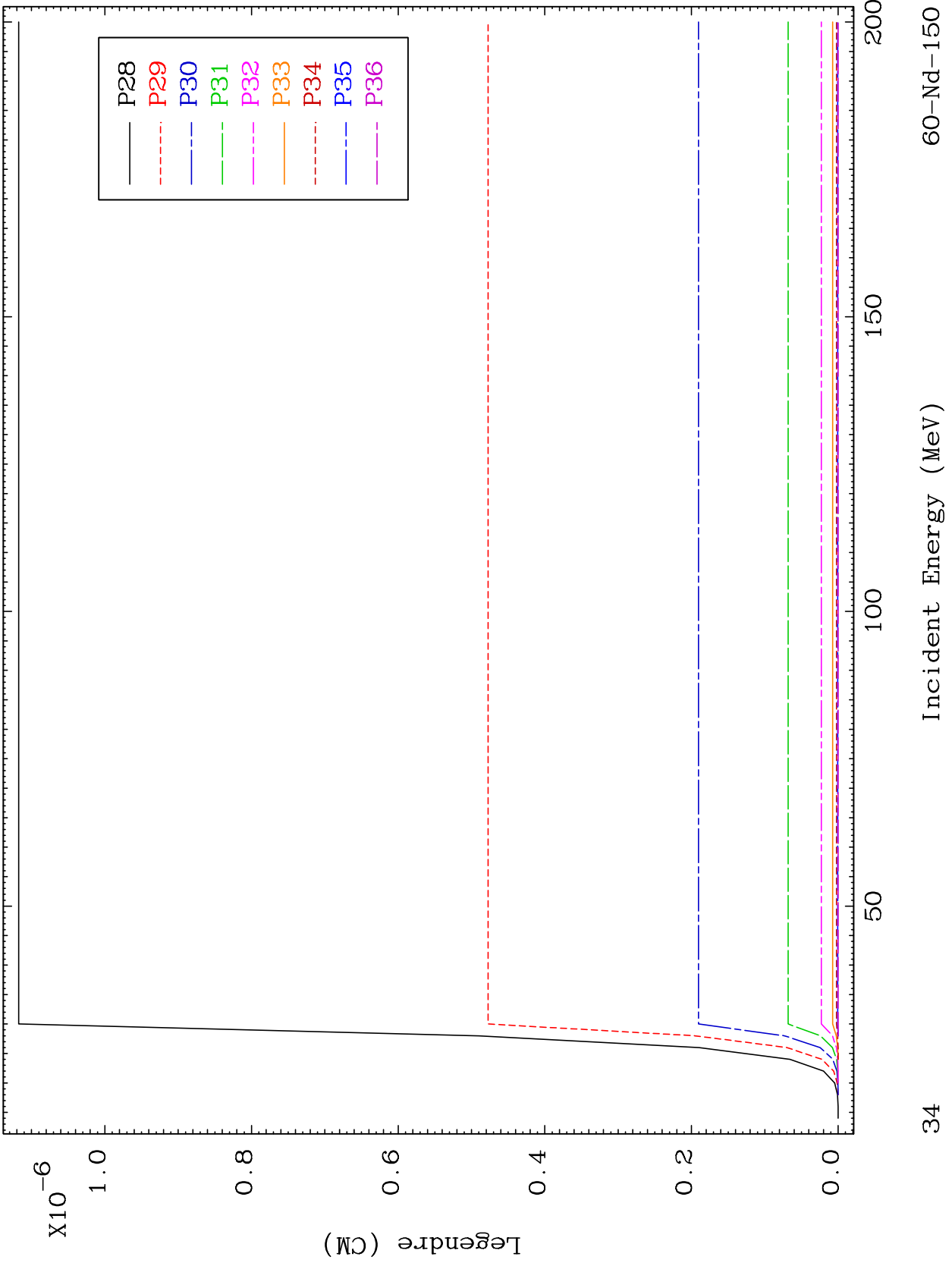
60-Nd-150



MAT 6049

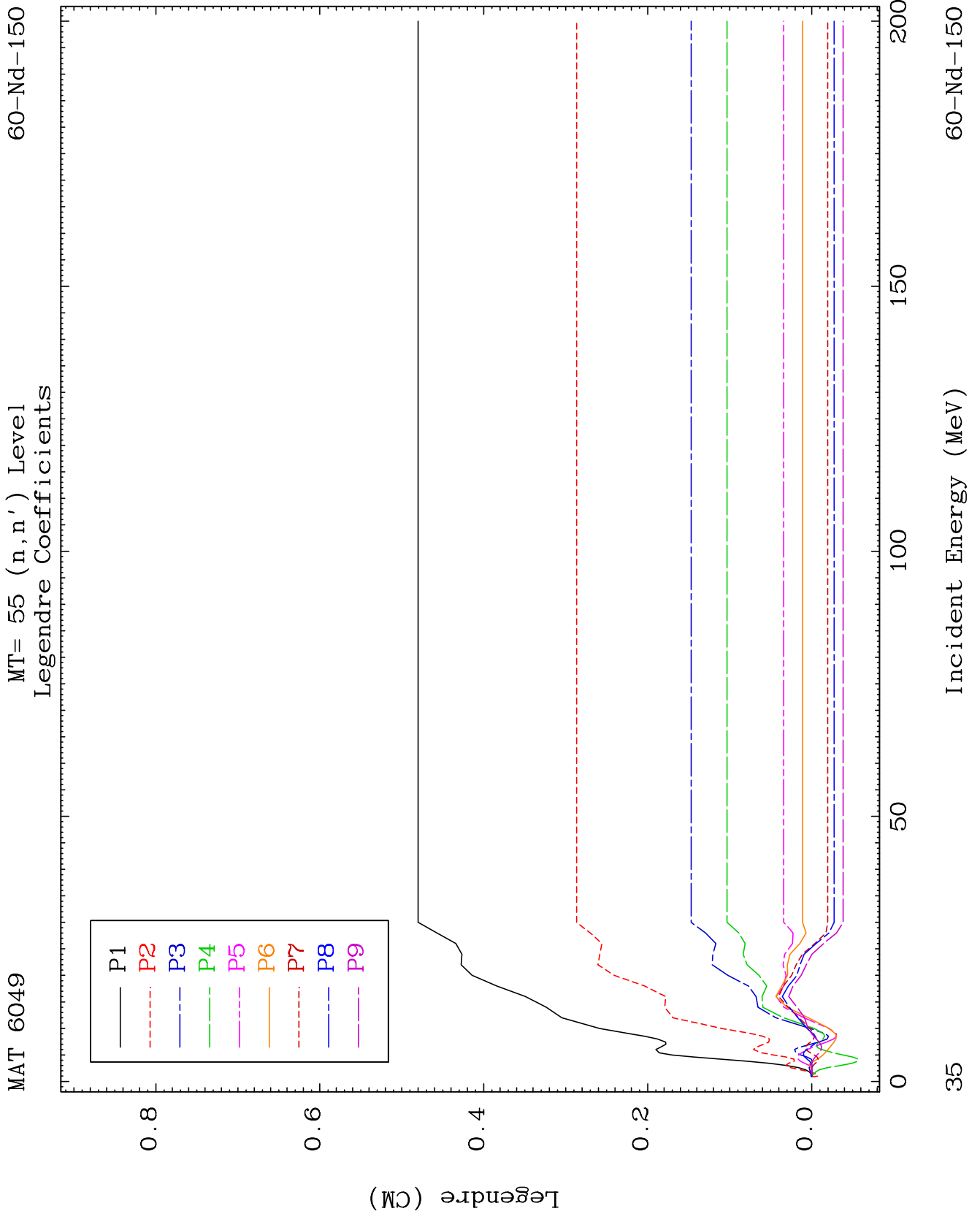
MT= 54 (n,n') Level
Legendre Coefficients

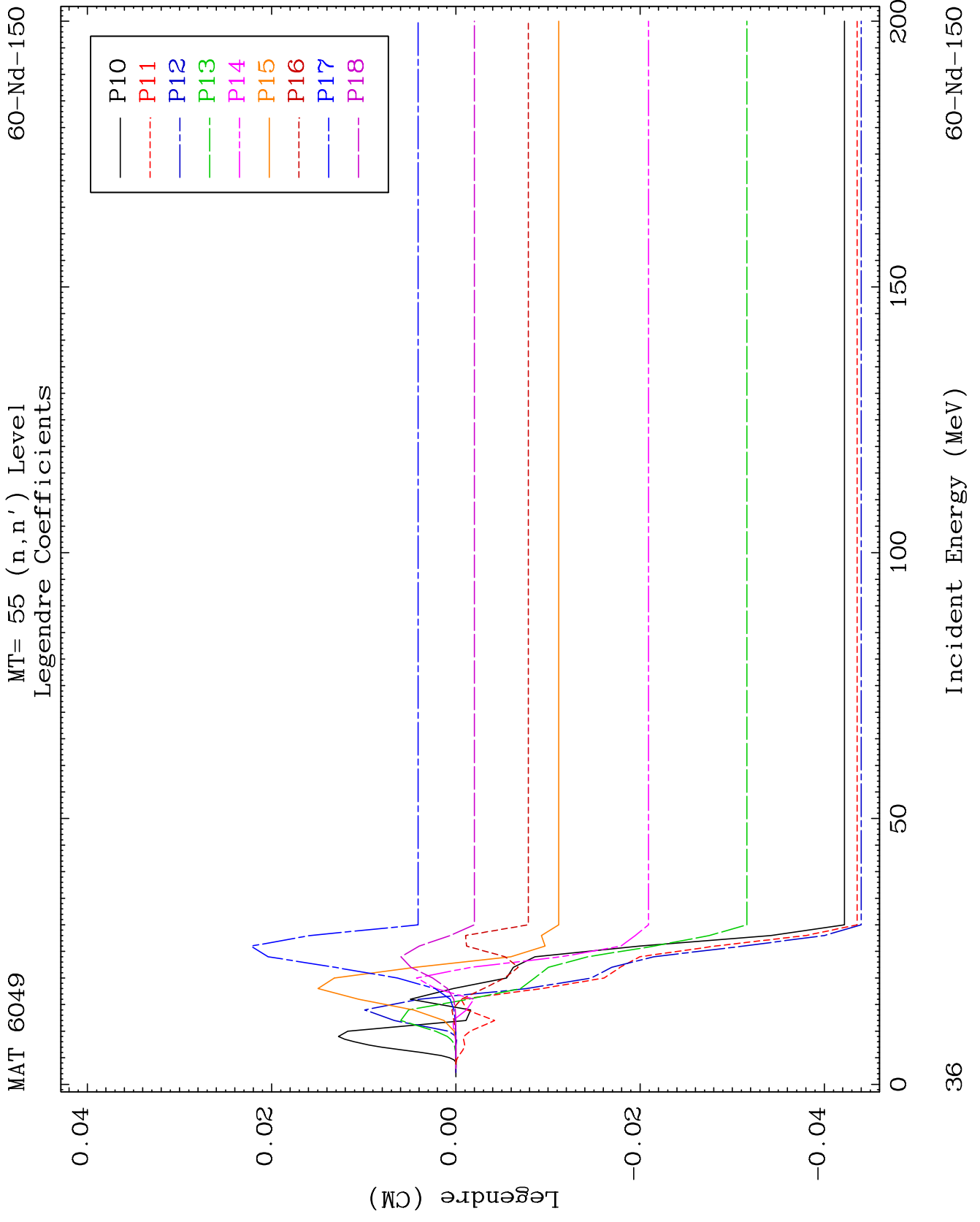
60-Nd-150



34

60-Nd-150

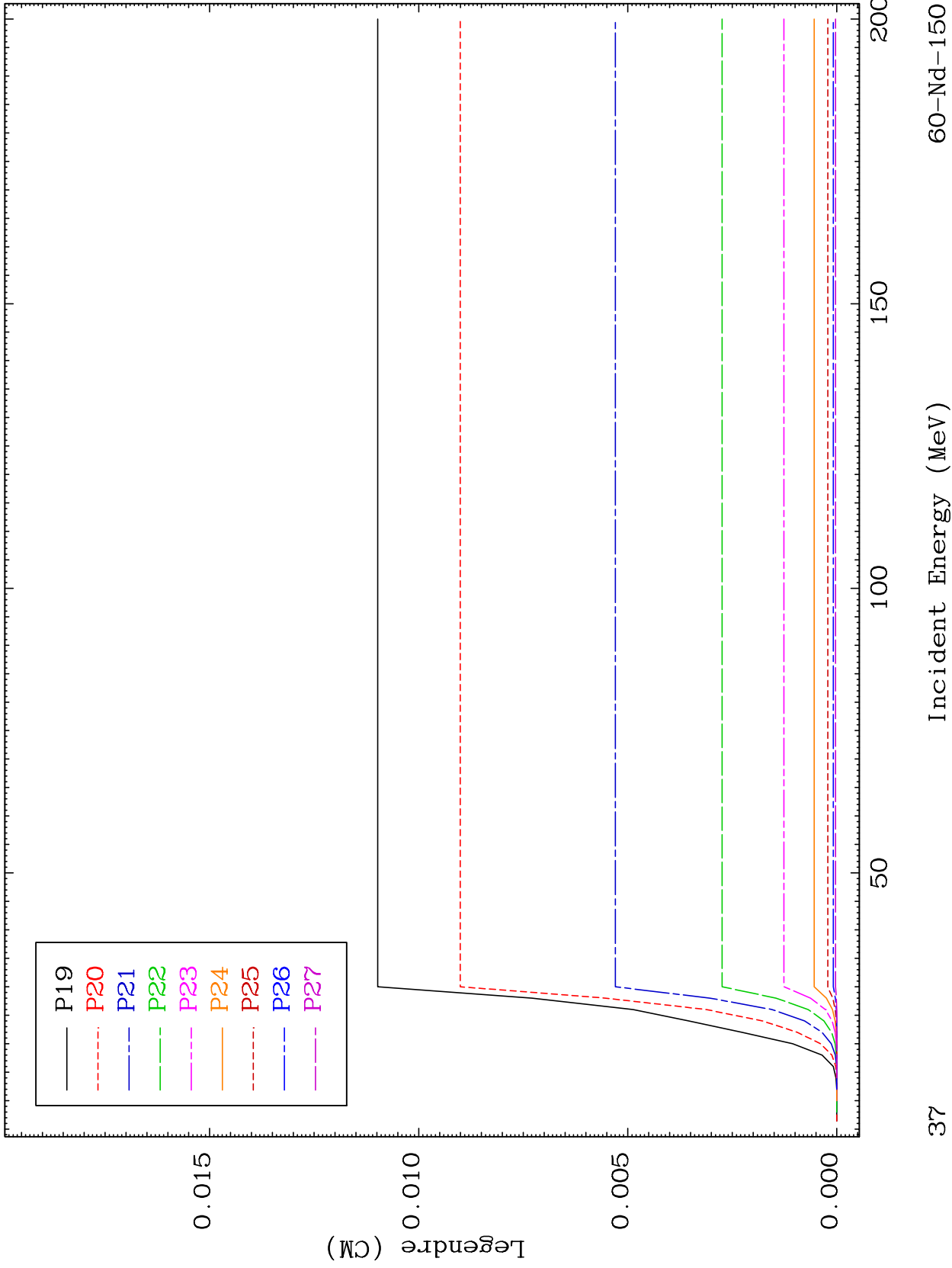




MAT 6049

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

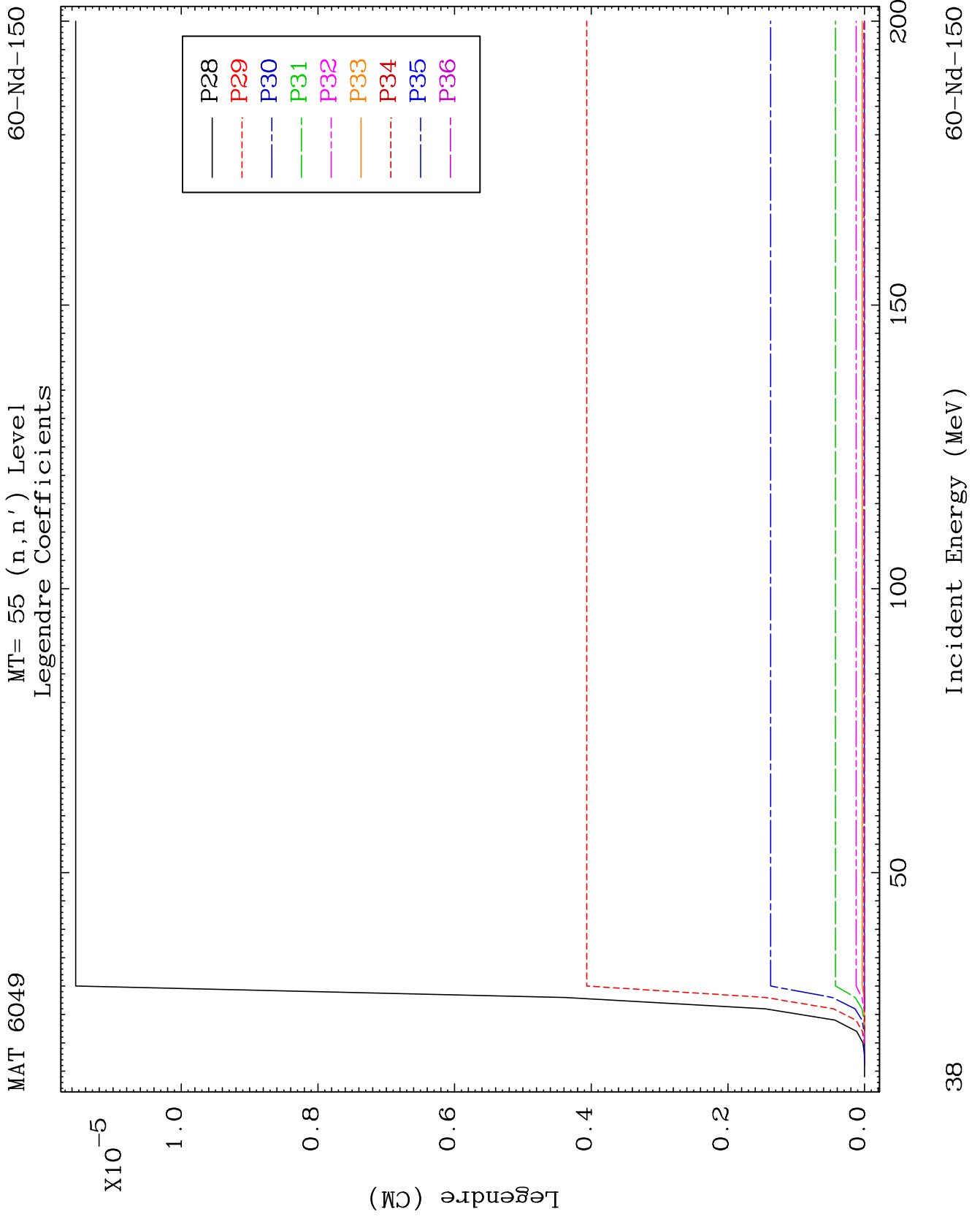
60-Nd-150



37

60-Nd-150

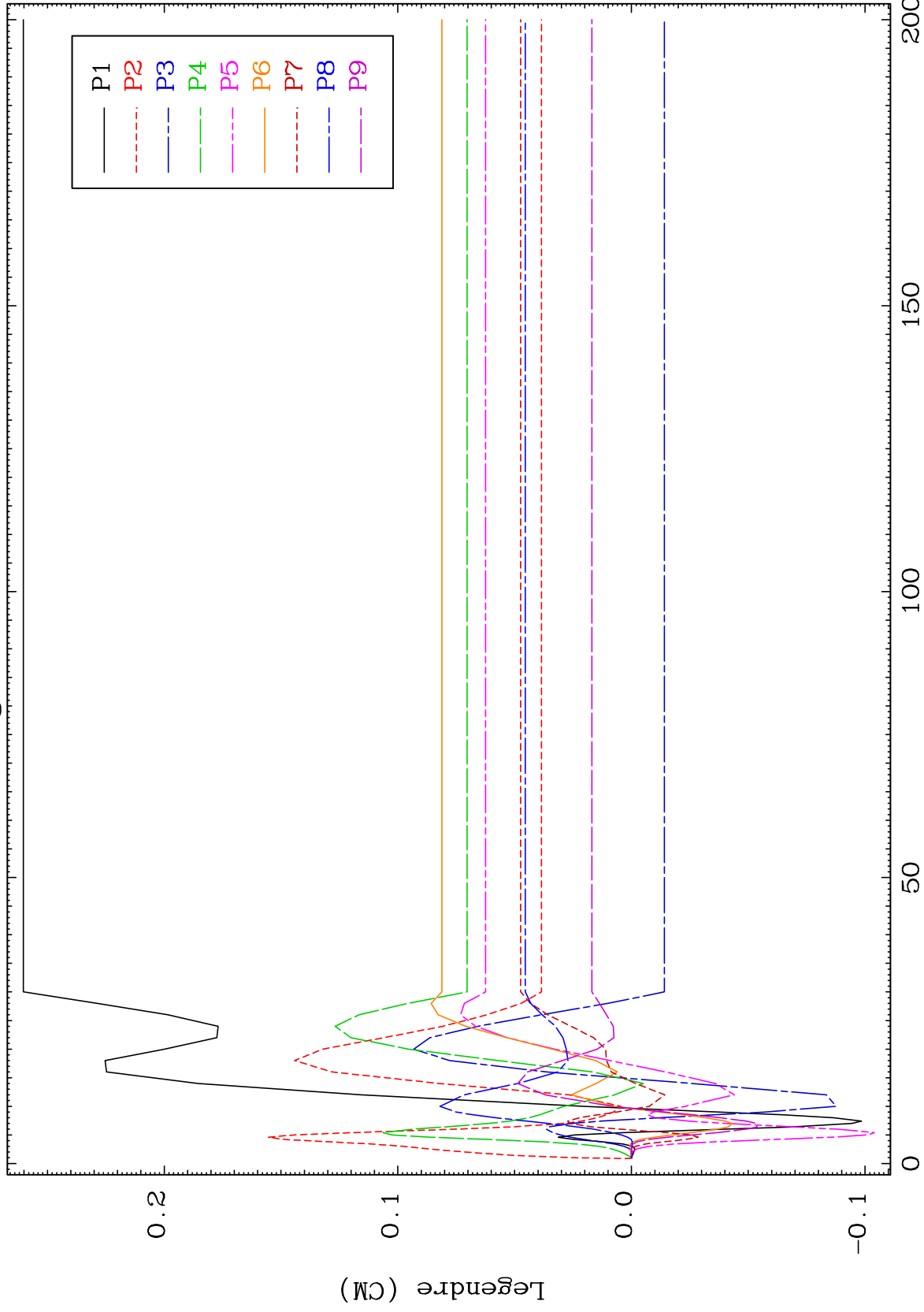
Incident Energy (MeV)



MAT 6049

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

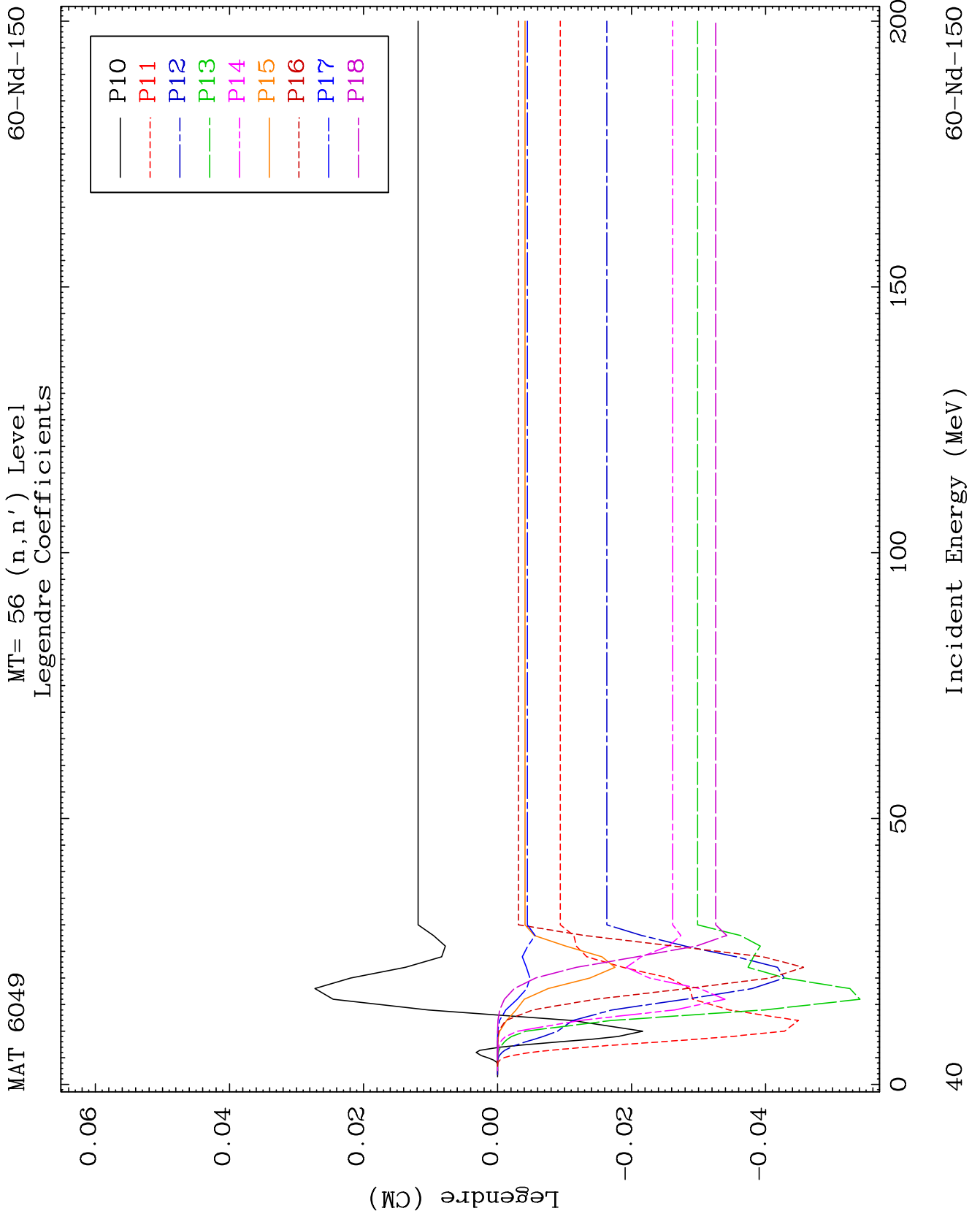
60-Nd-150



39

Incident Energy (MeV)

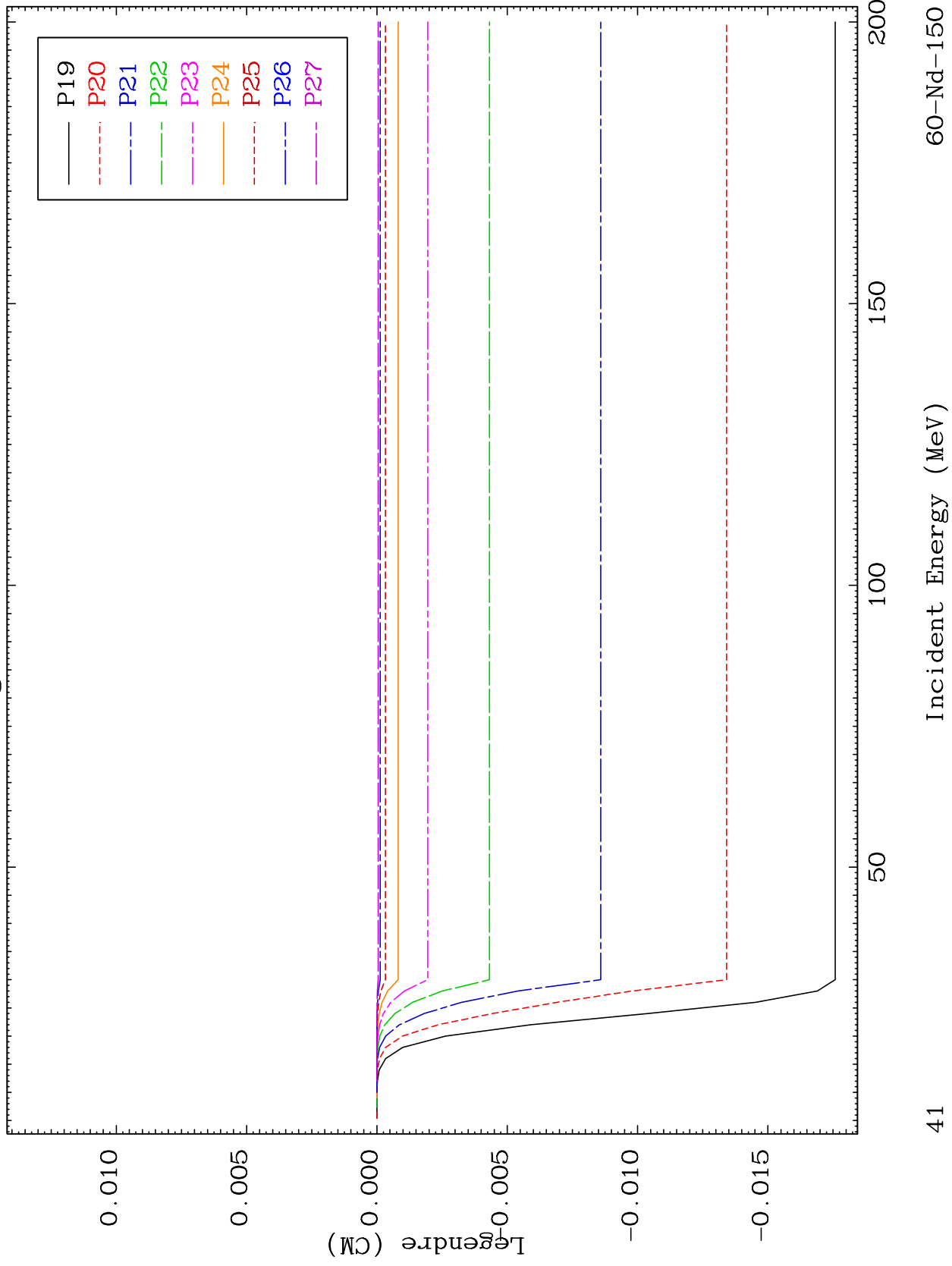
60-Nd-150

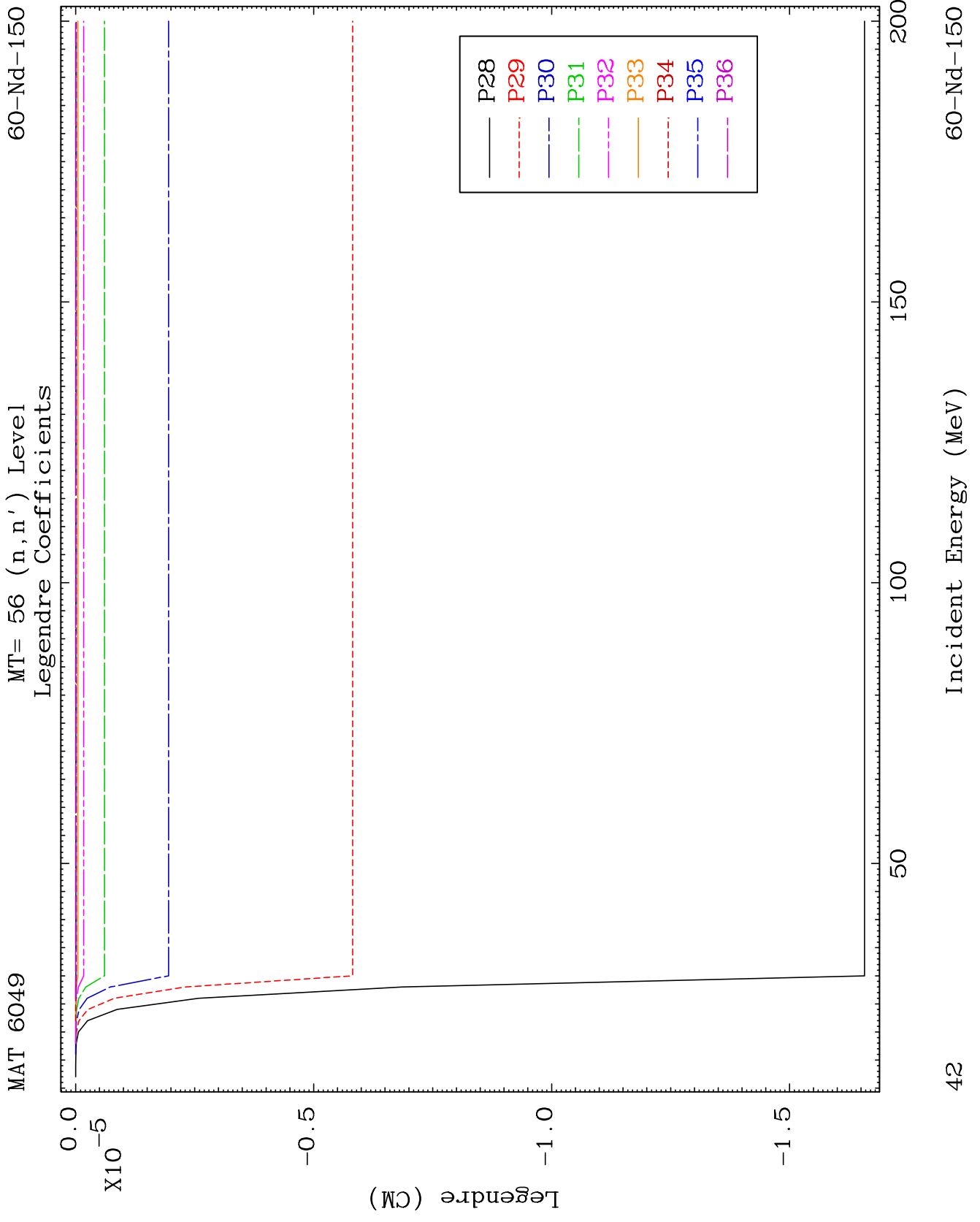


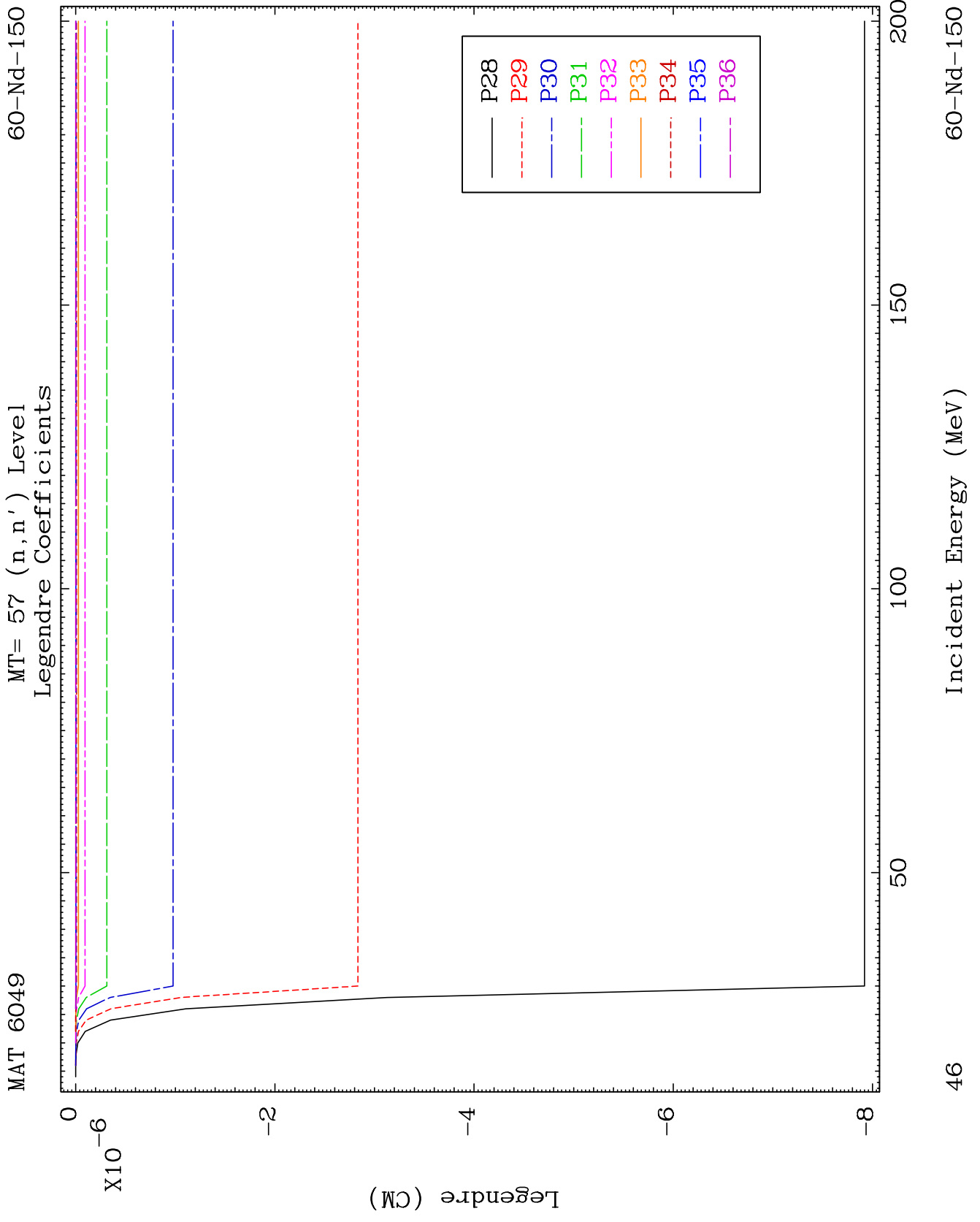
MAT 6049

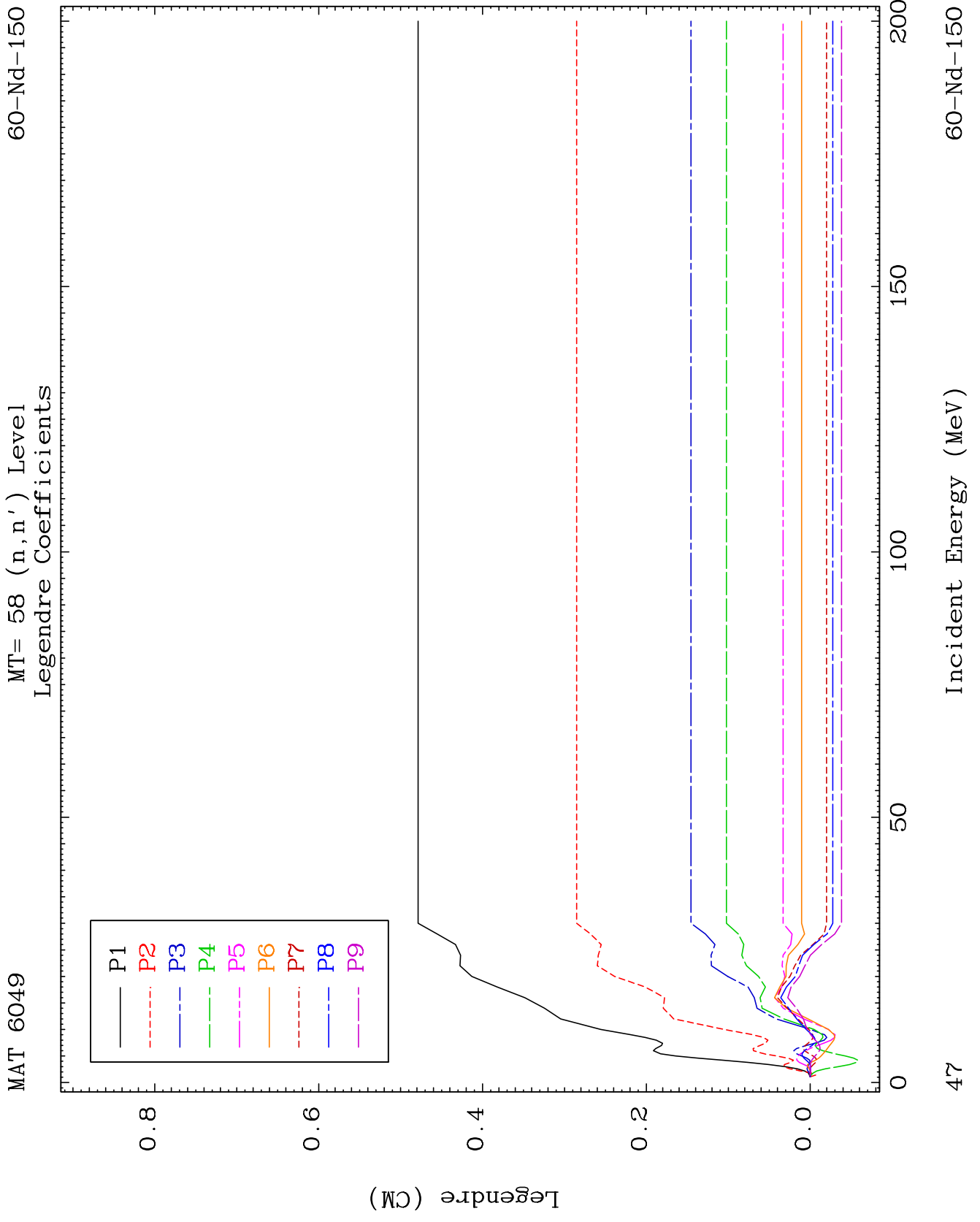
MT= 56 (n,n') Level
Legendre Coefficients

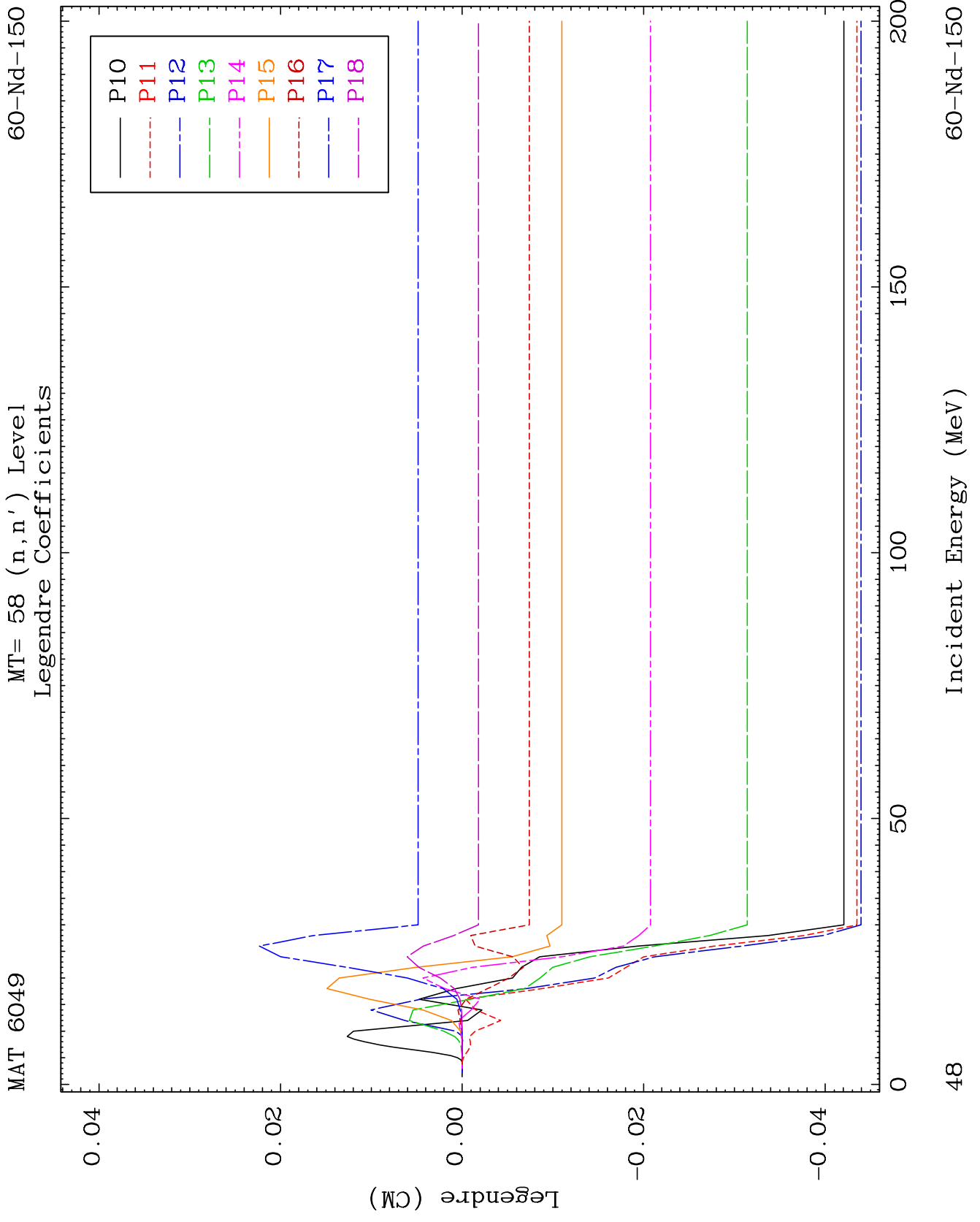
60-Nd-150







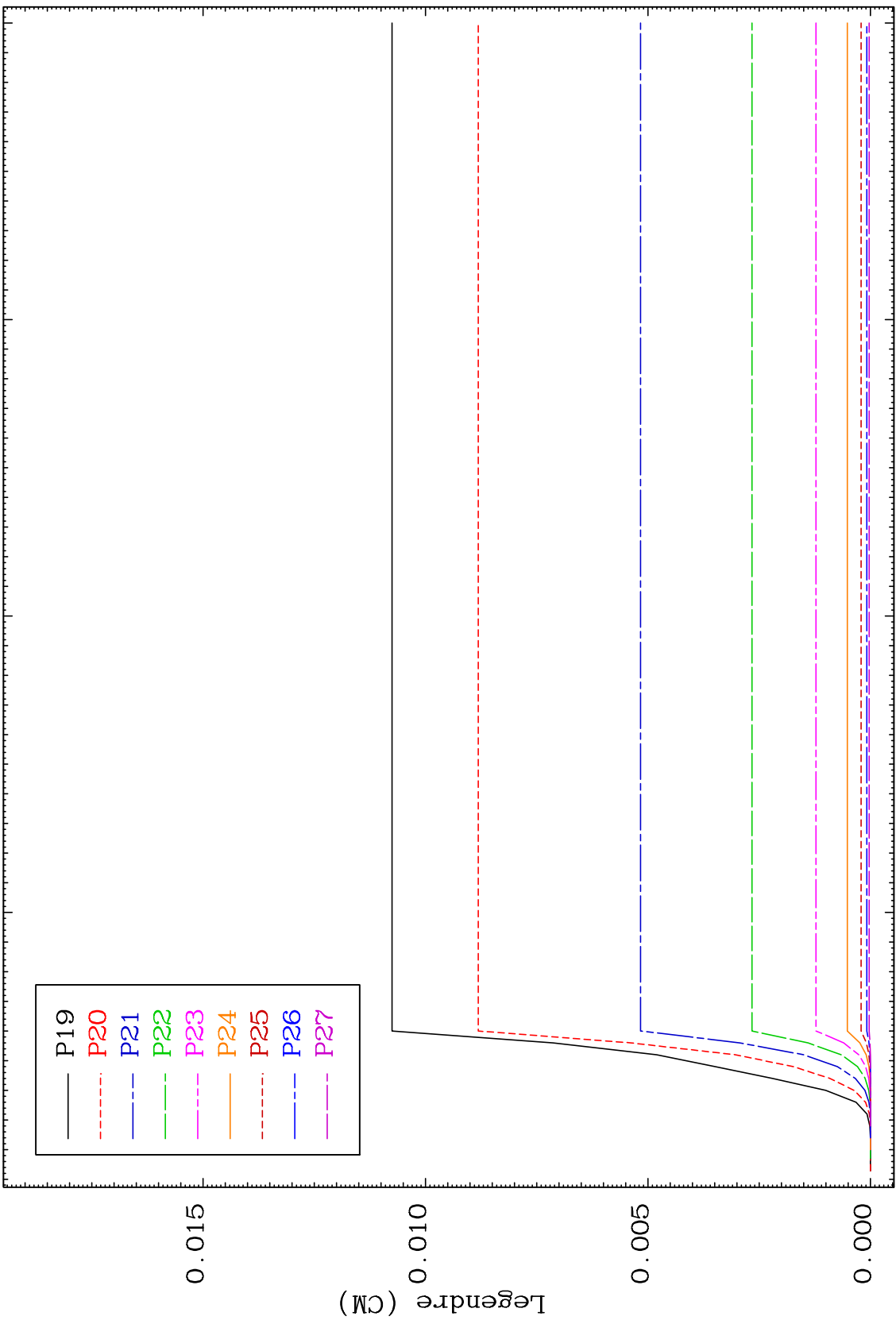




MAT 6049

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

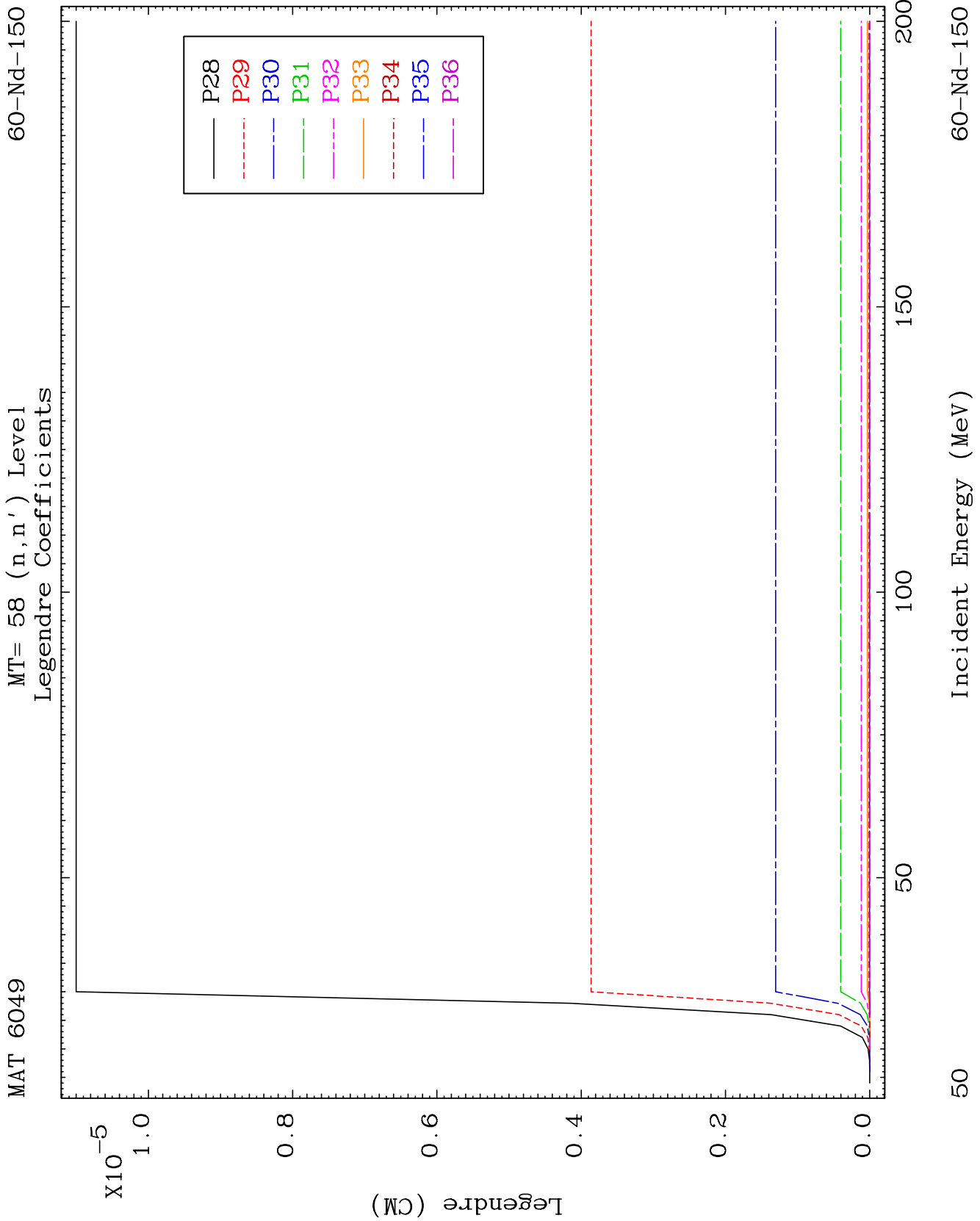
60-Nd-150



49

Incident Energy (MeV)

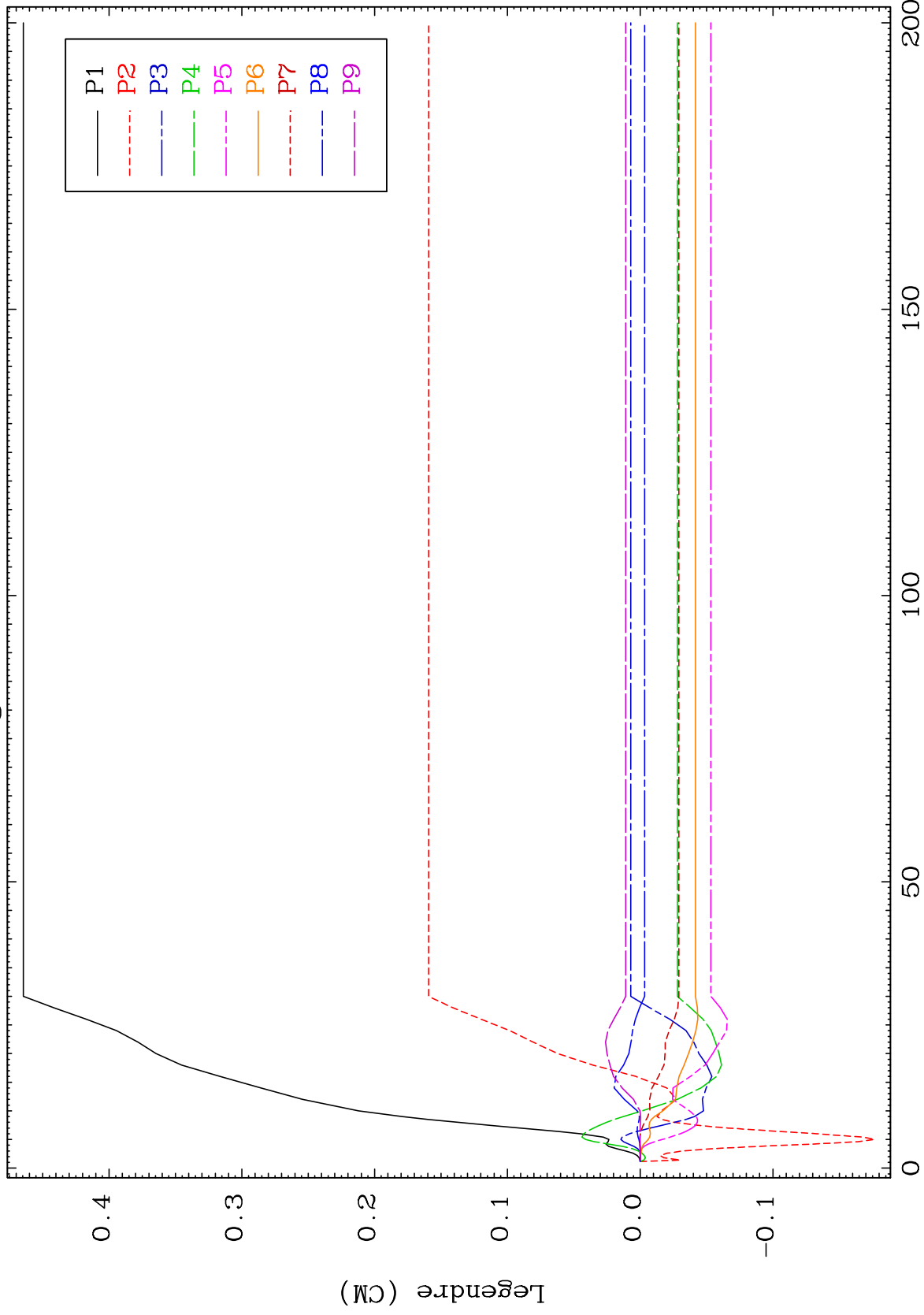
60-Nd-150



MAT 6049

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

60-Nd-150



51

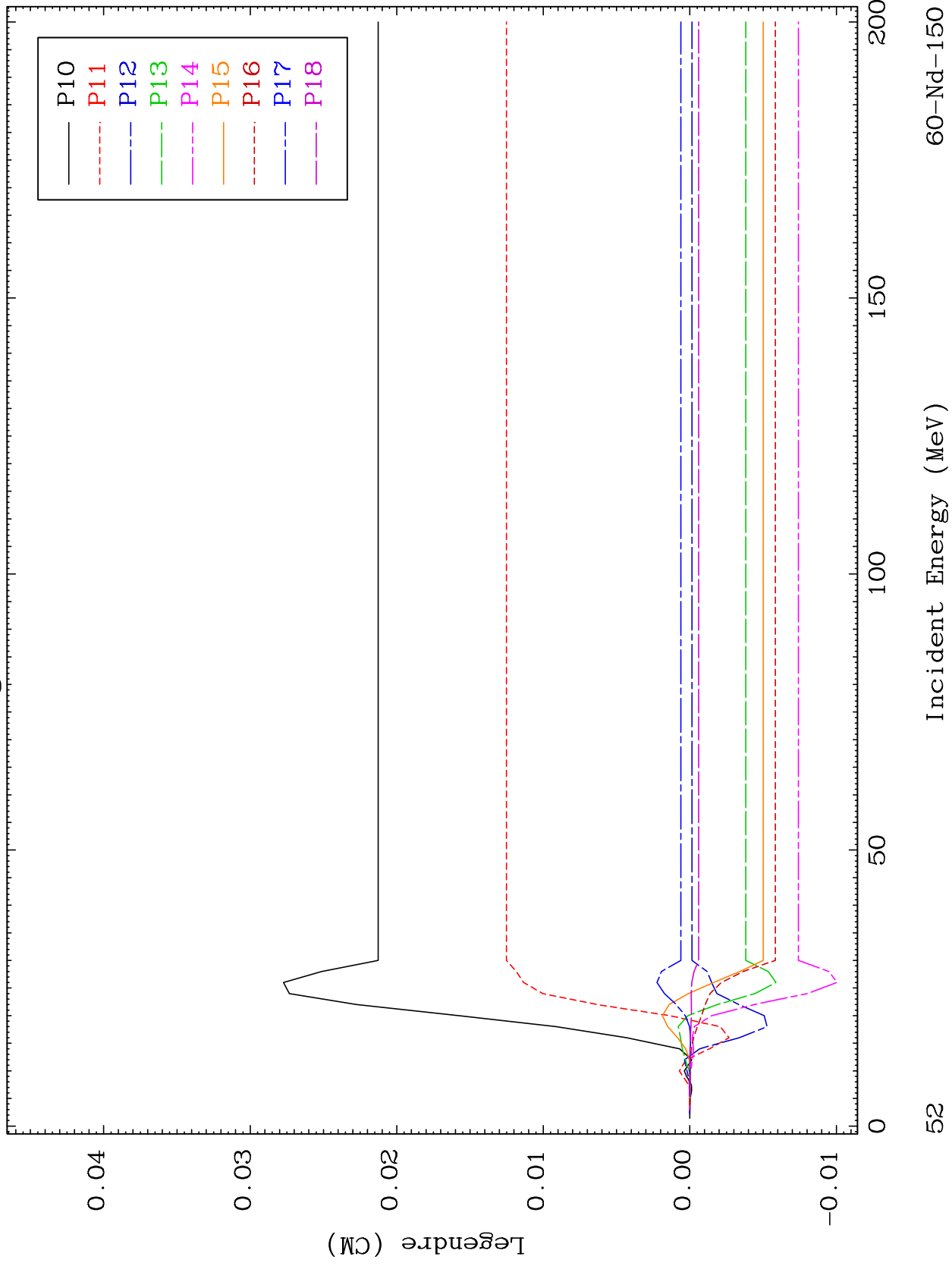
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



60-Nd-150

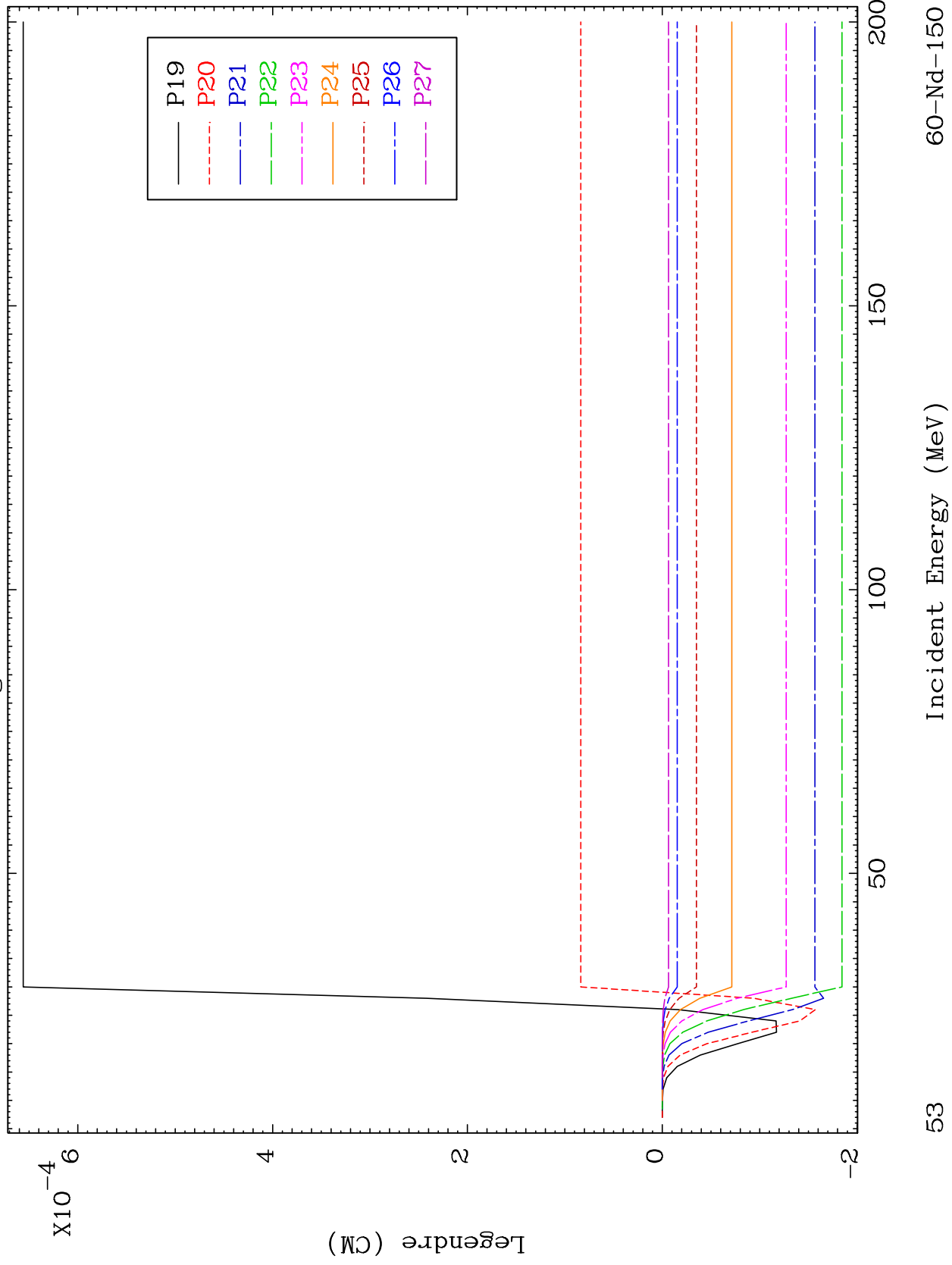
Incident Energy (MeV)

52

MAT 6049

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

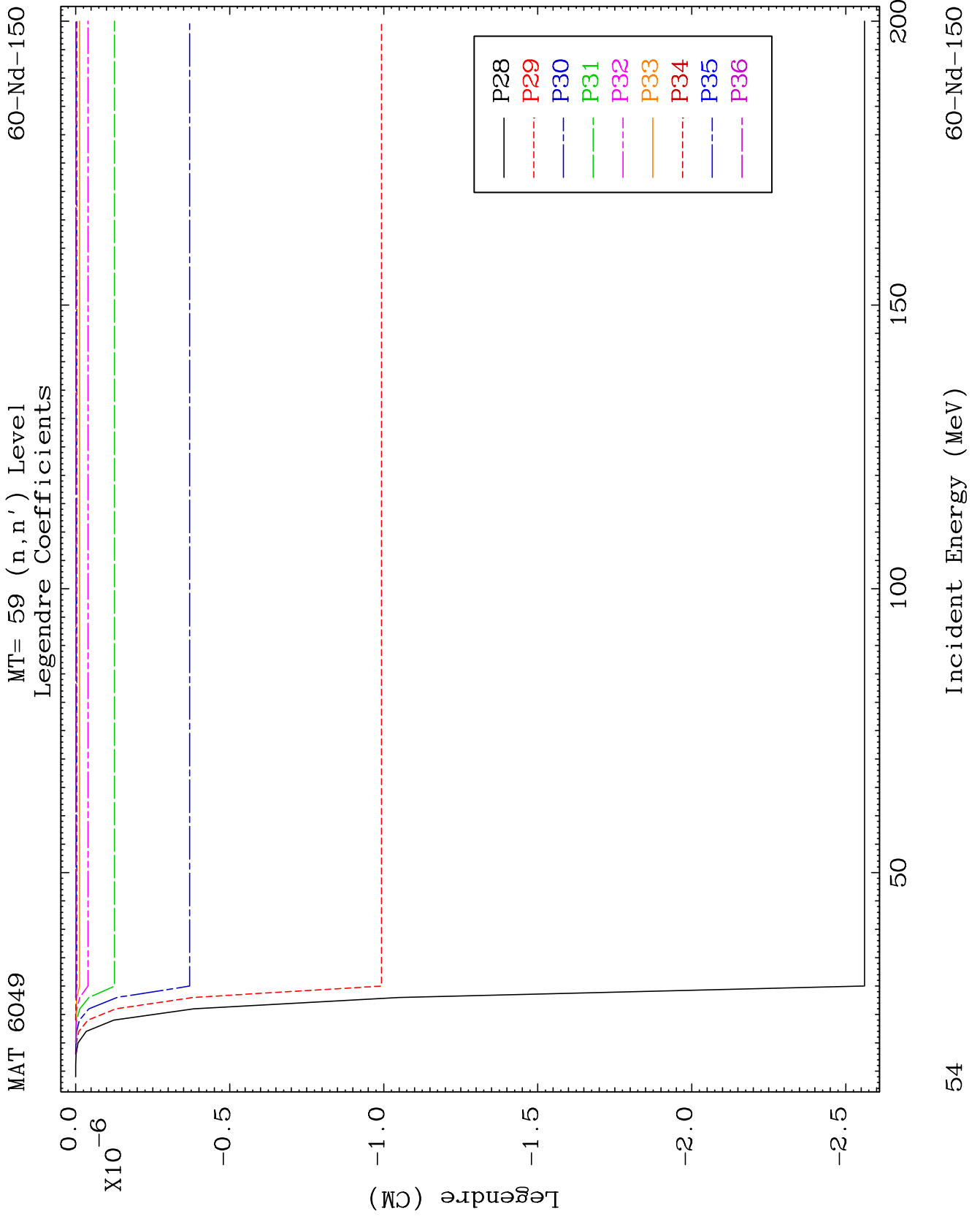
60-Nd-150



53

Incident Energy (MeV)

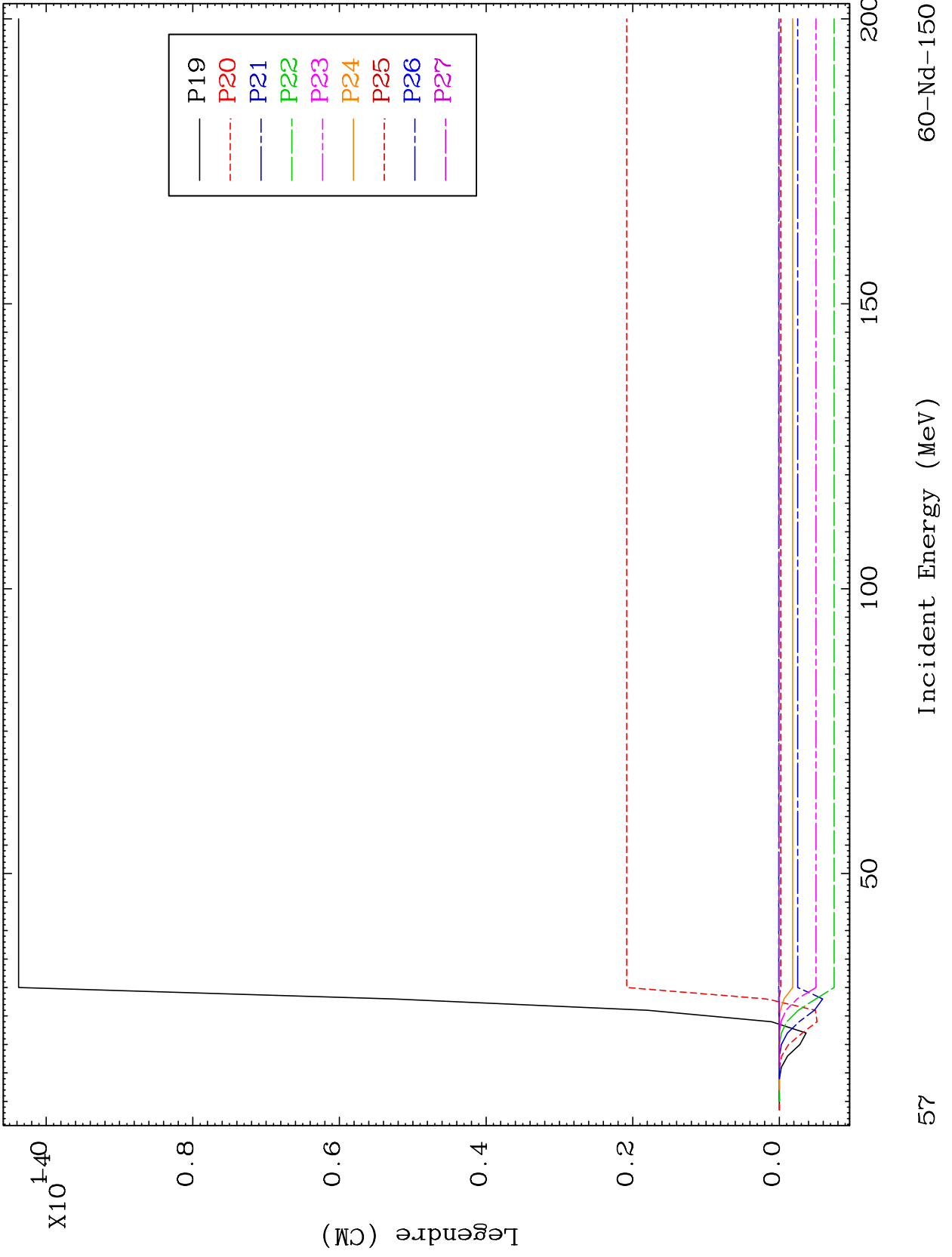
60-Nd-150



MAT 6049

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

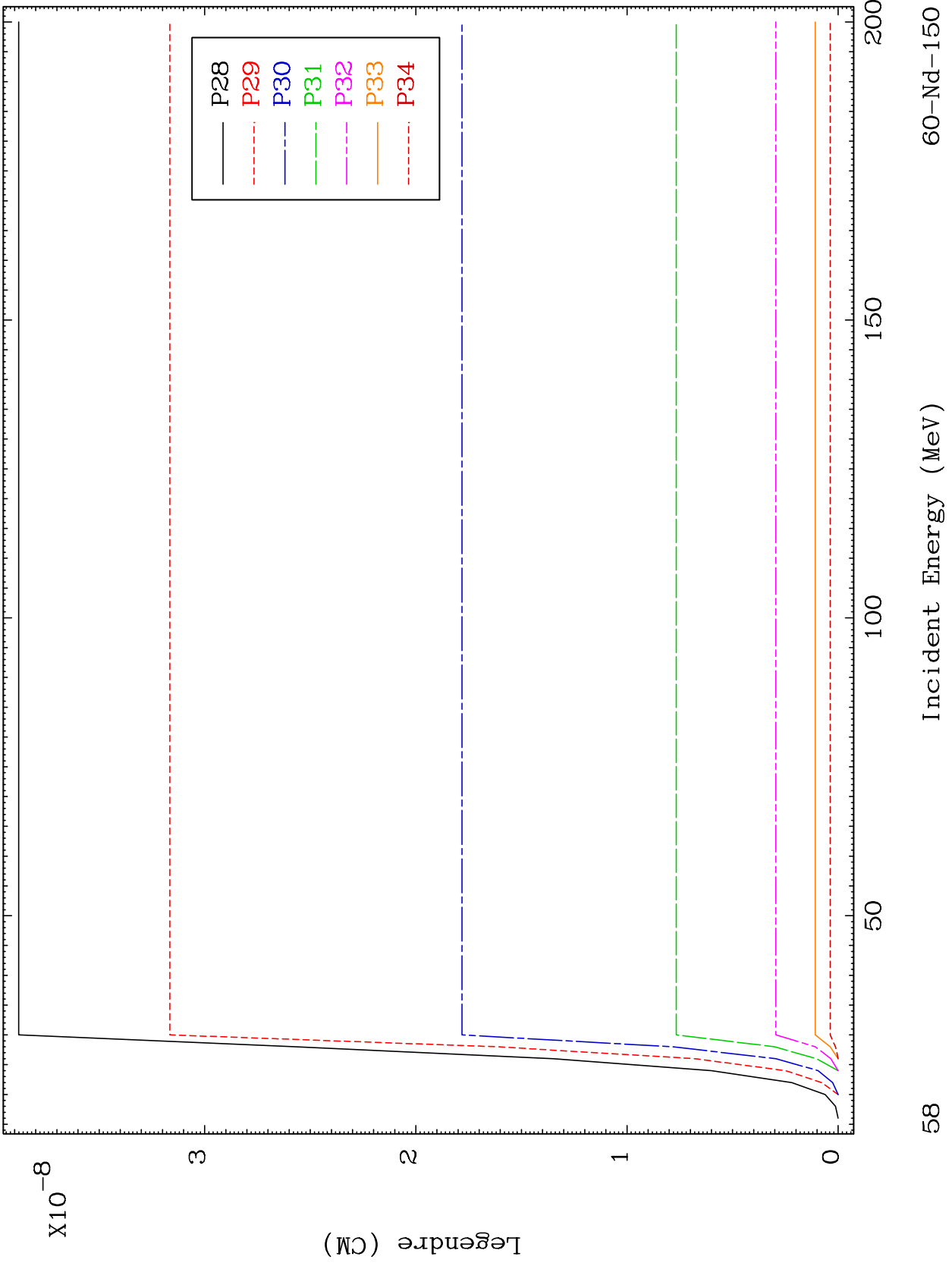
60-Nd-150



MAT 6049

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

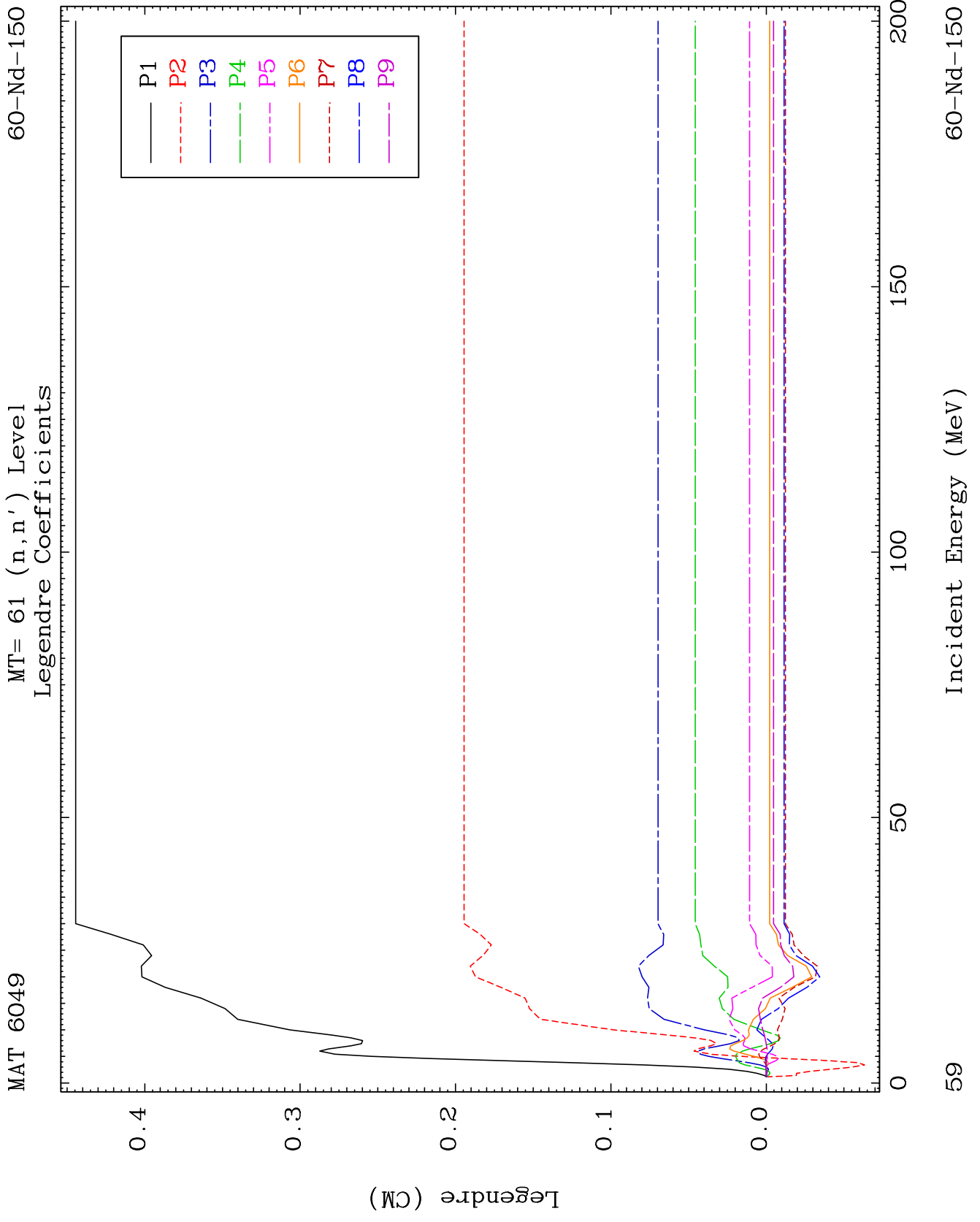
60-Nd-150

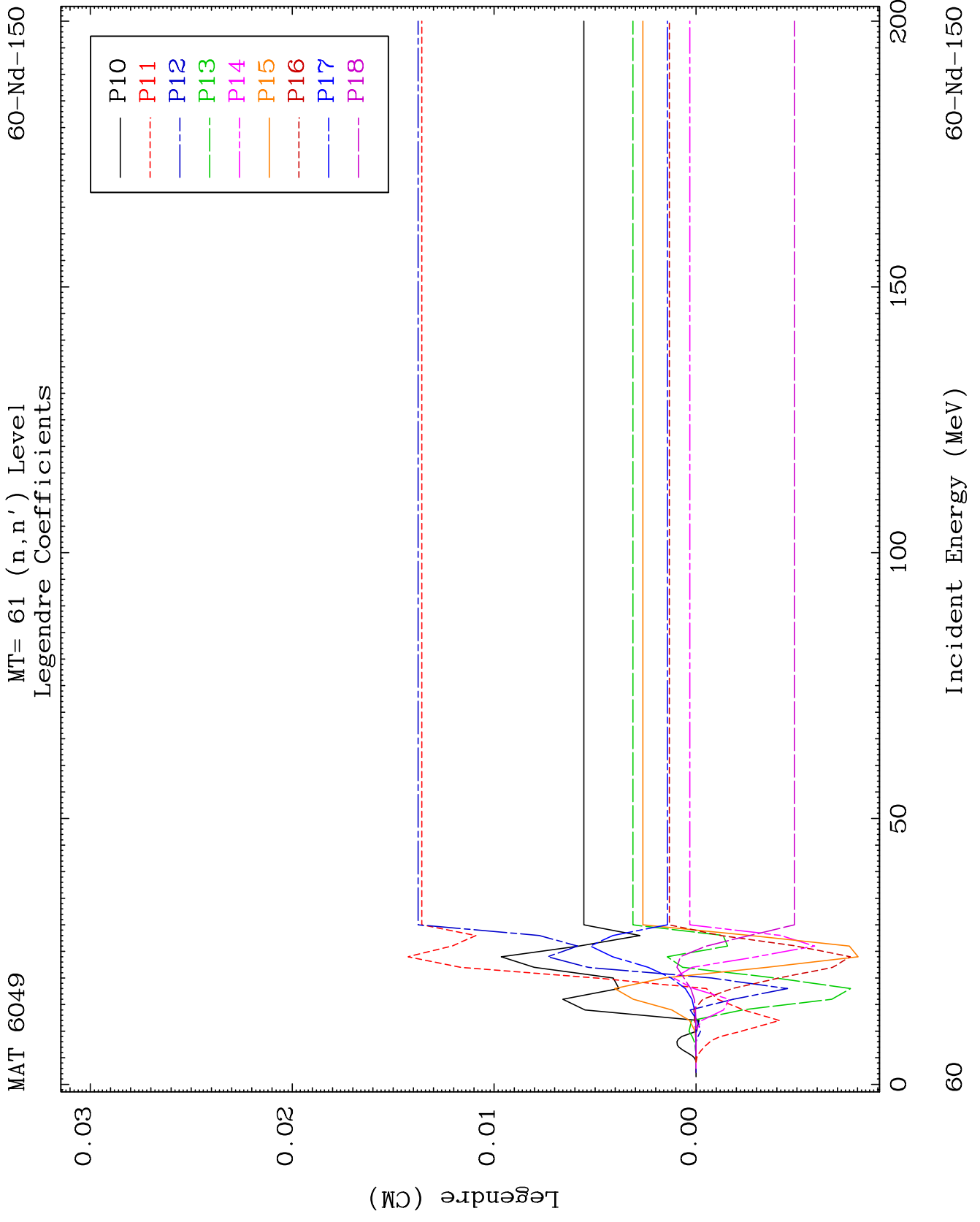


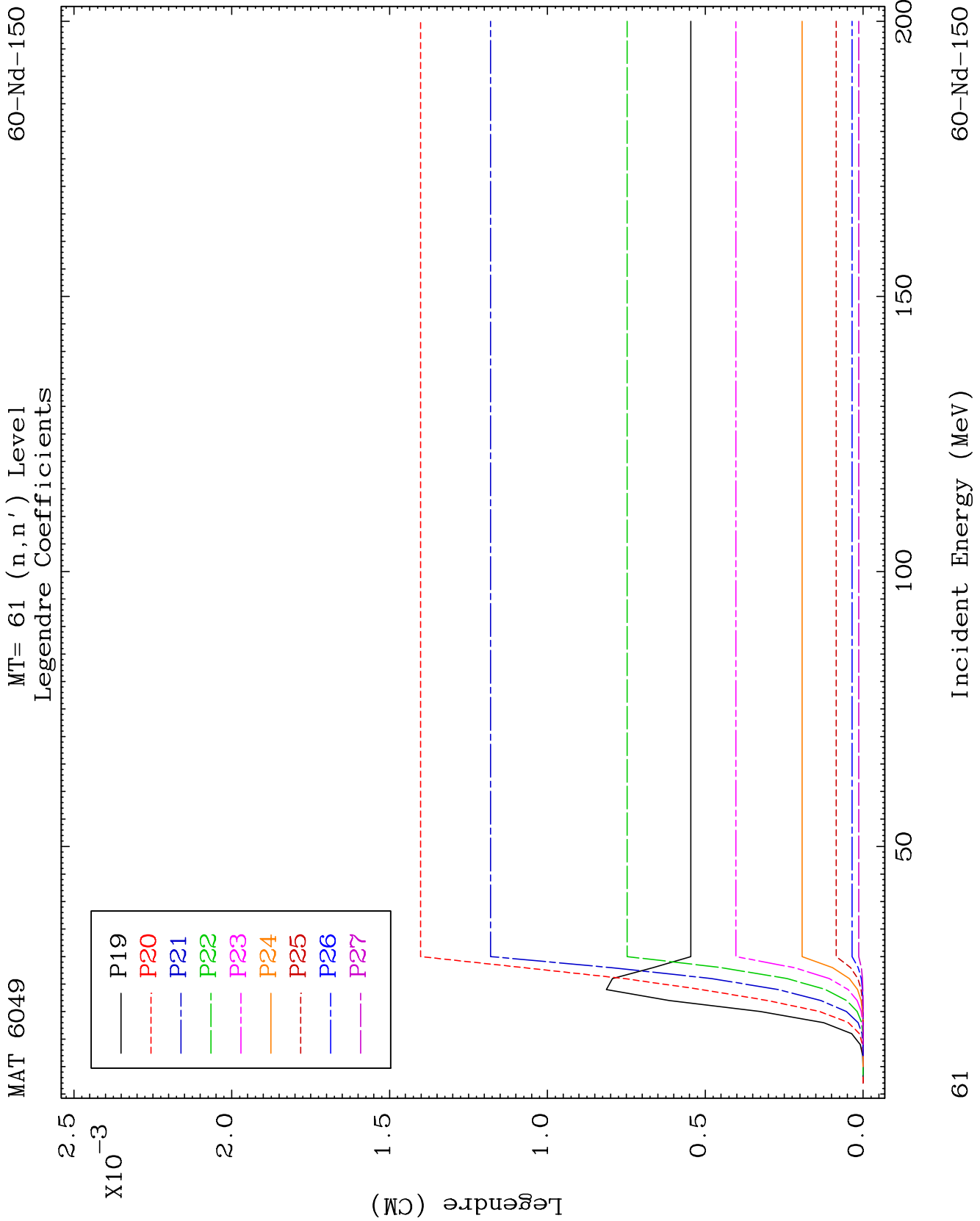
58

Incident Energy (MeV)

60-Nd-150



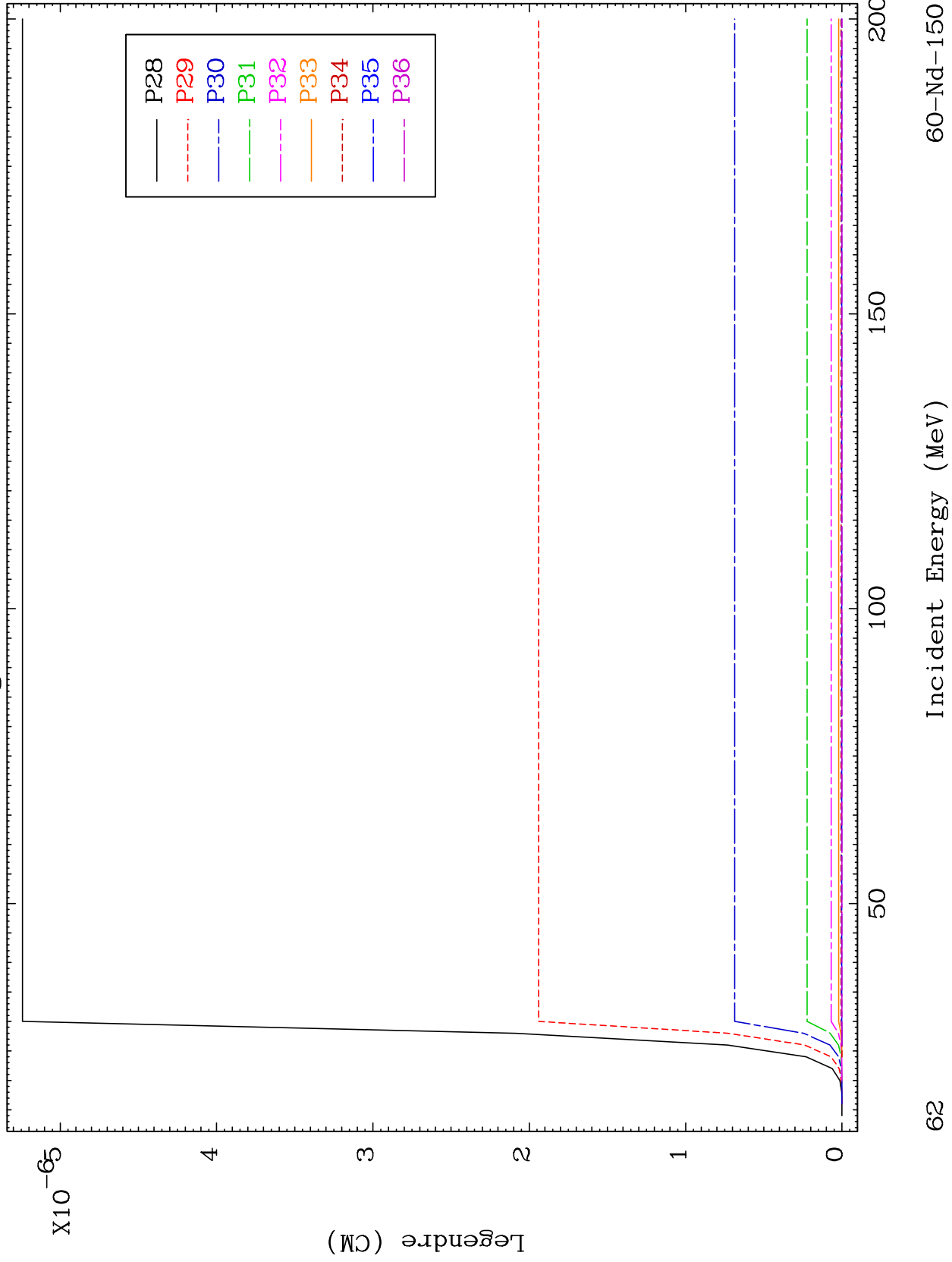




MAT 6049

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

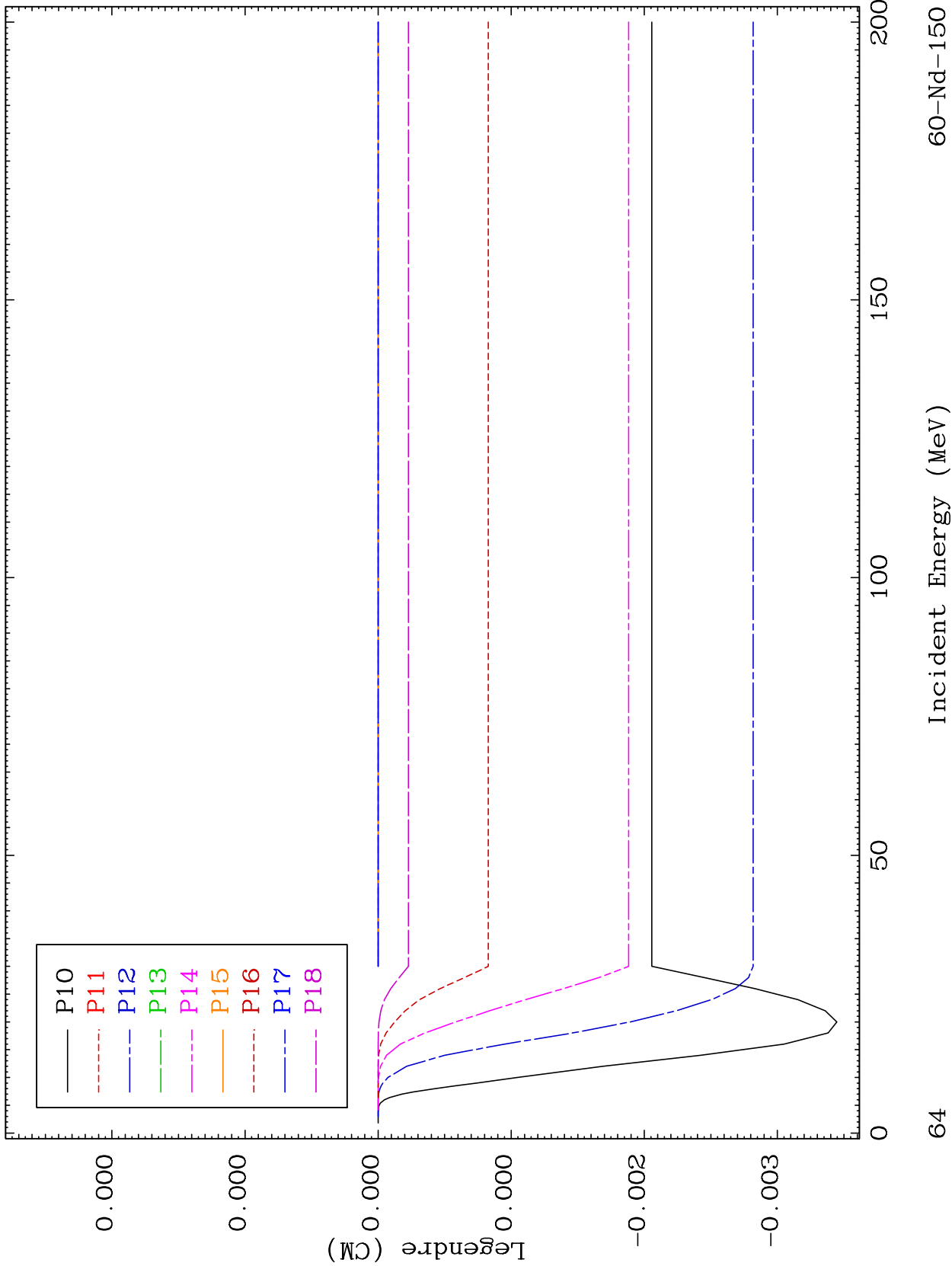
60-Nd-150



MAT 6049

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

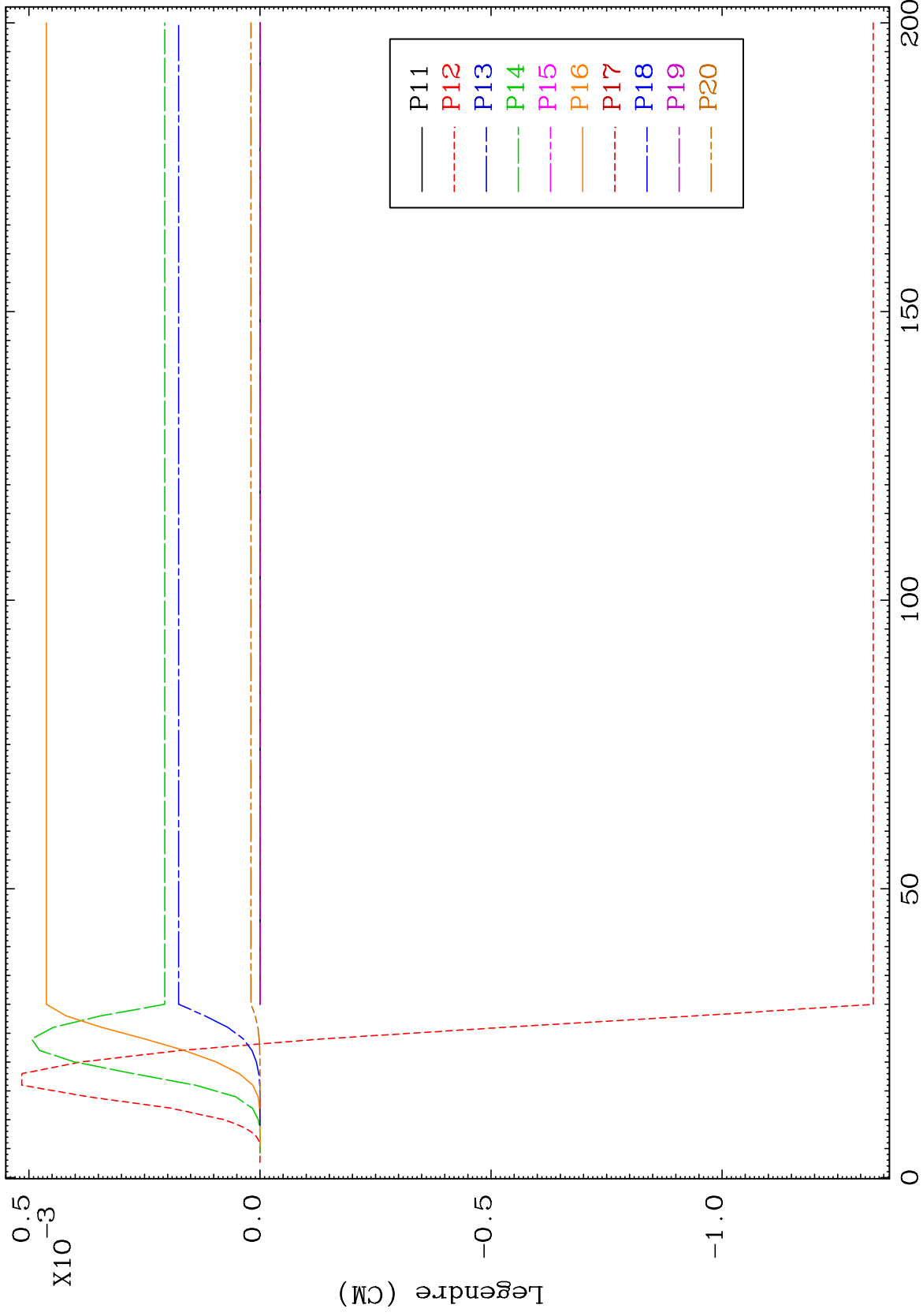
60-Nd-150



MAT 6049

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

60-Nd-150



67

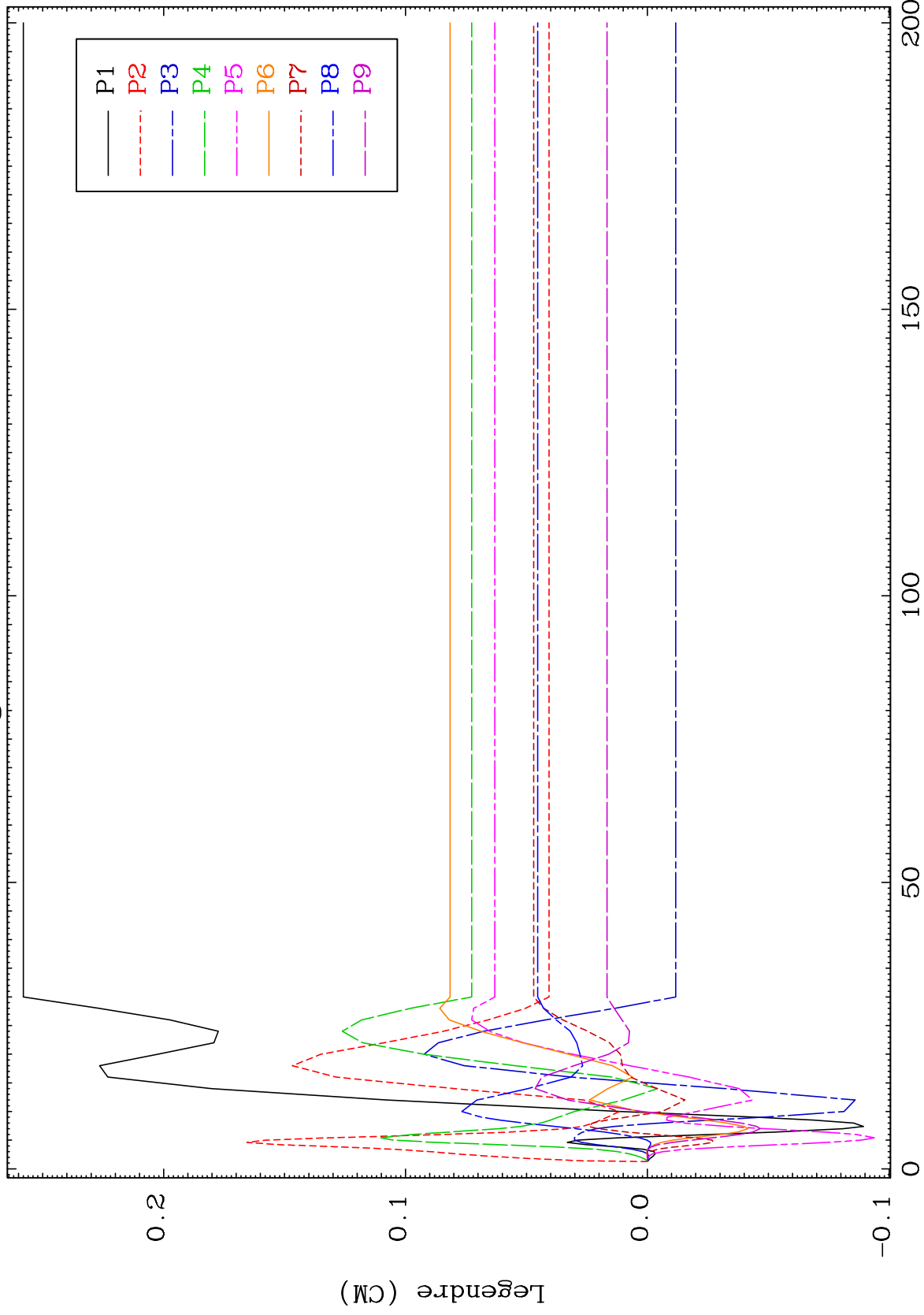
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

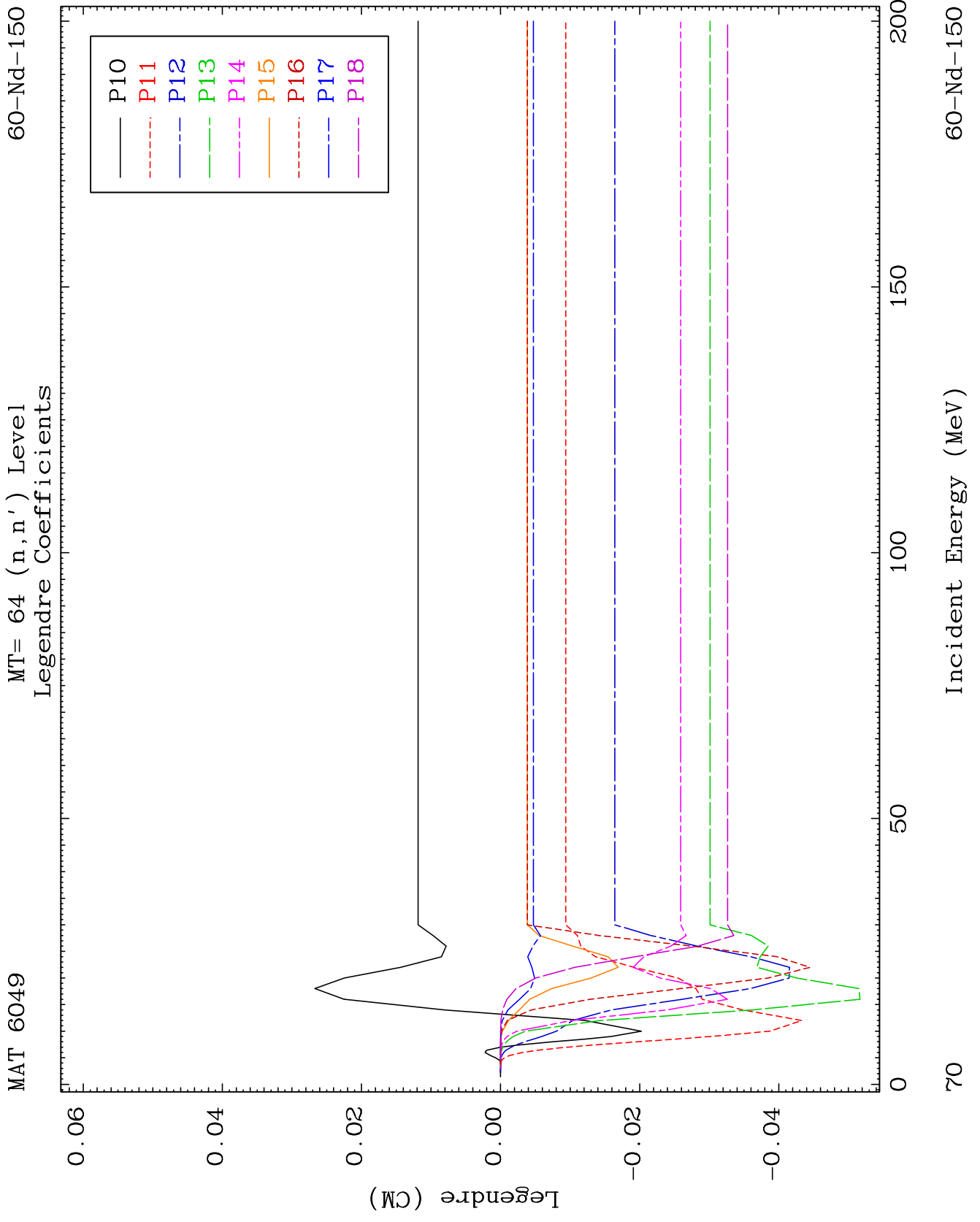
60-Nd-150



60-Nd-150

Incident Energy (MeV)

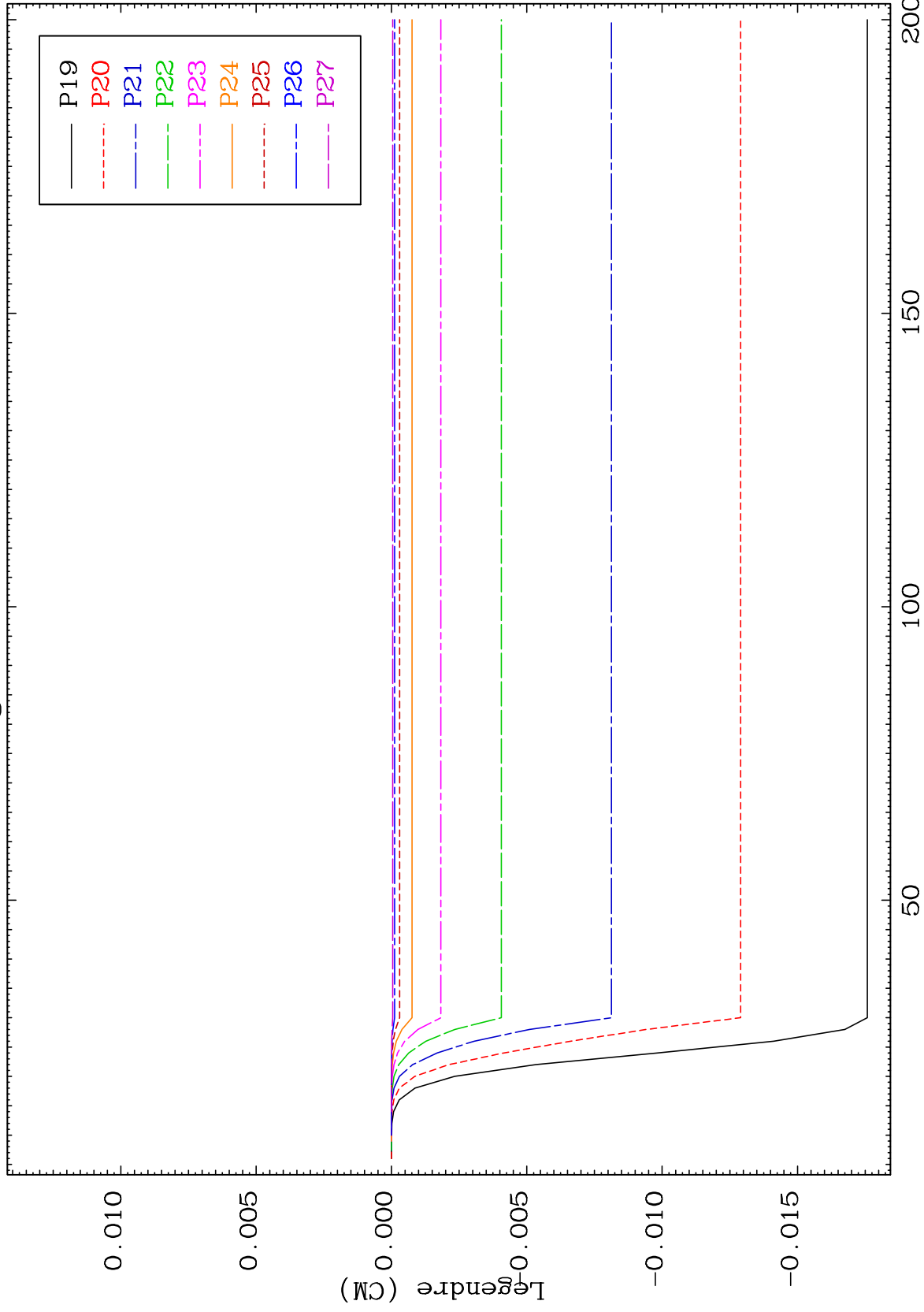
69



MAT 6049

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

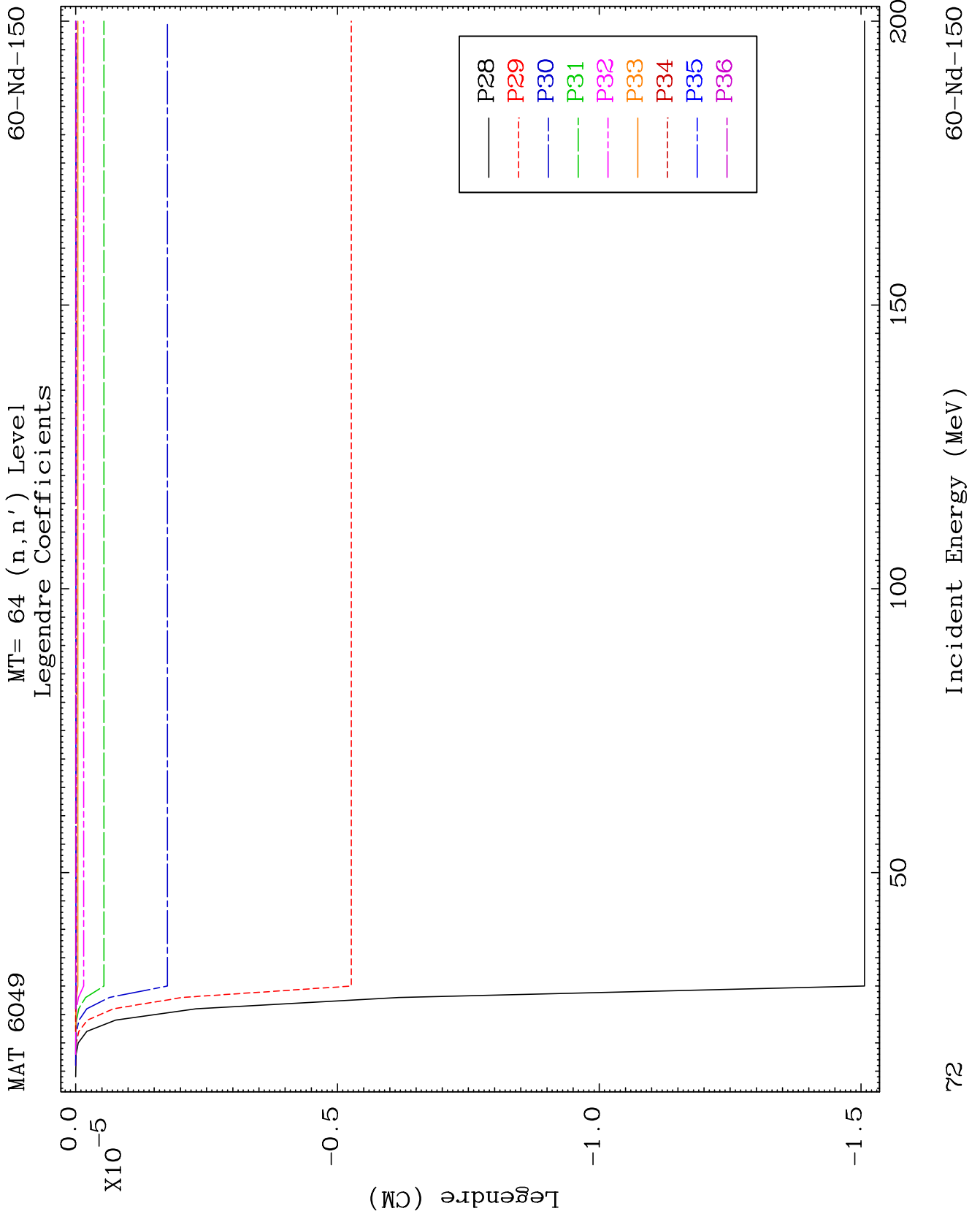
60-Nd-150



71

Incident Energy (MeV)

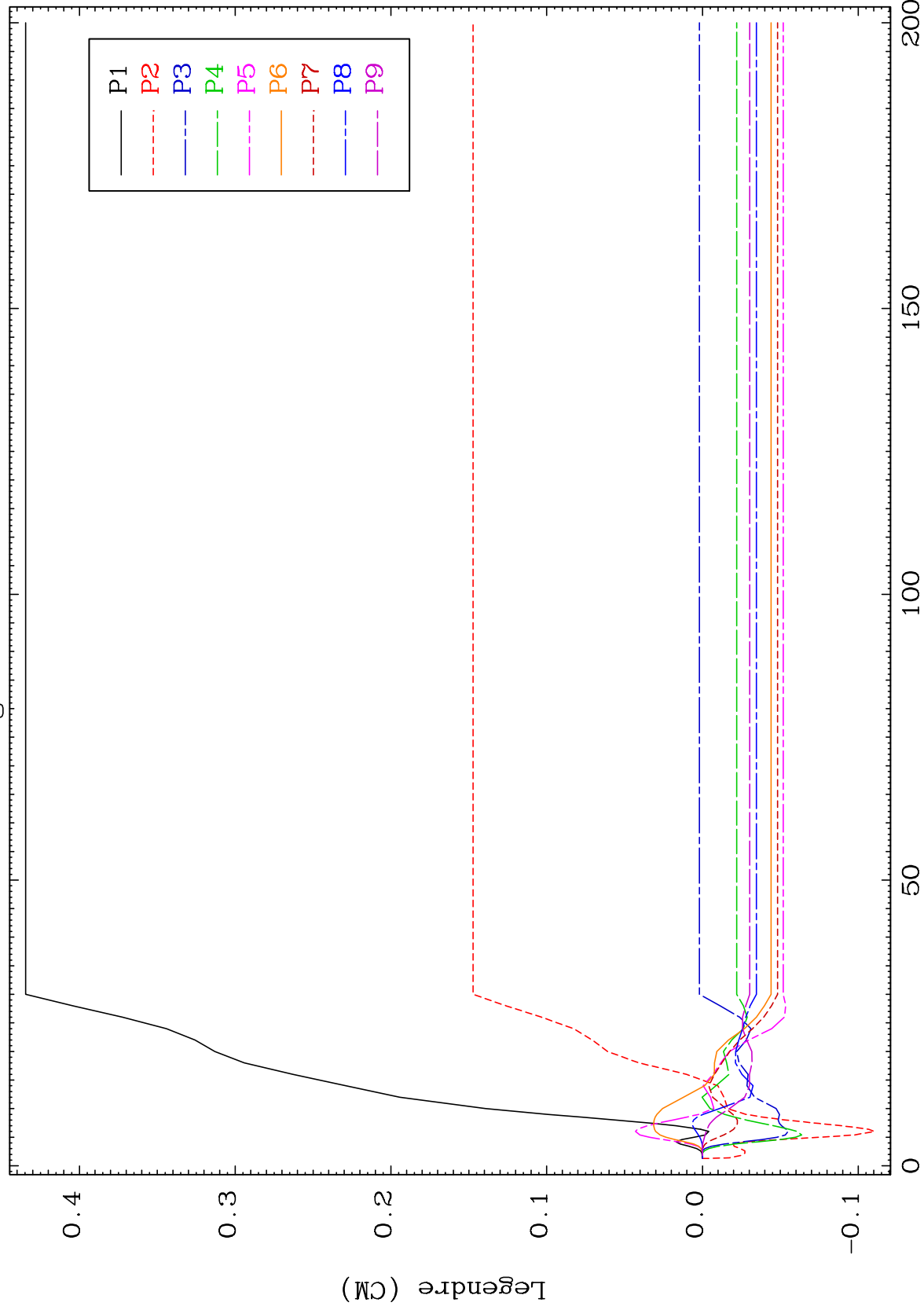
60-Nd-150



MAT 6049

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

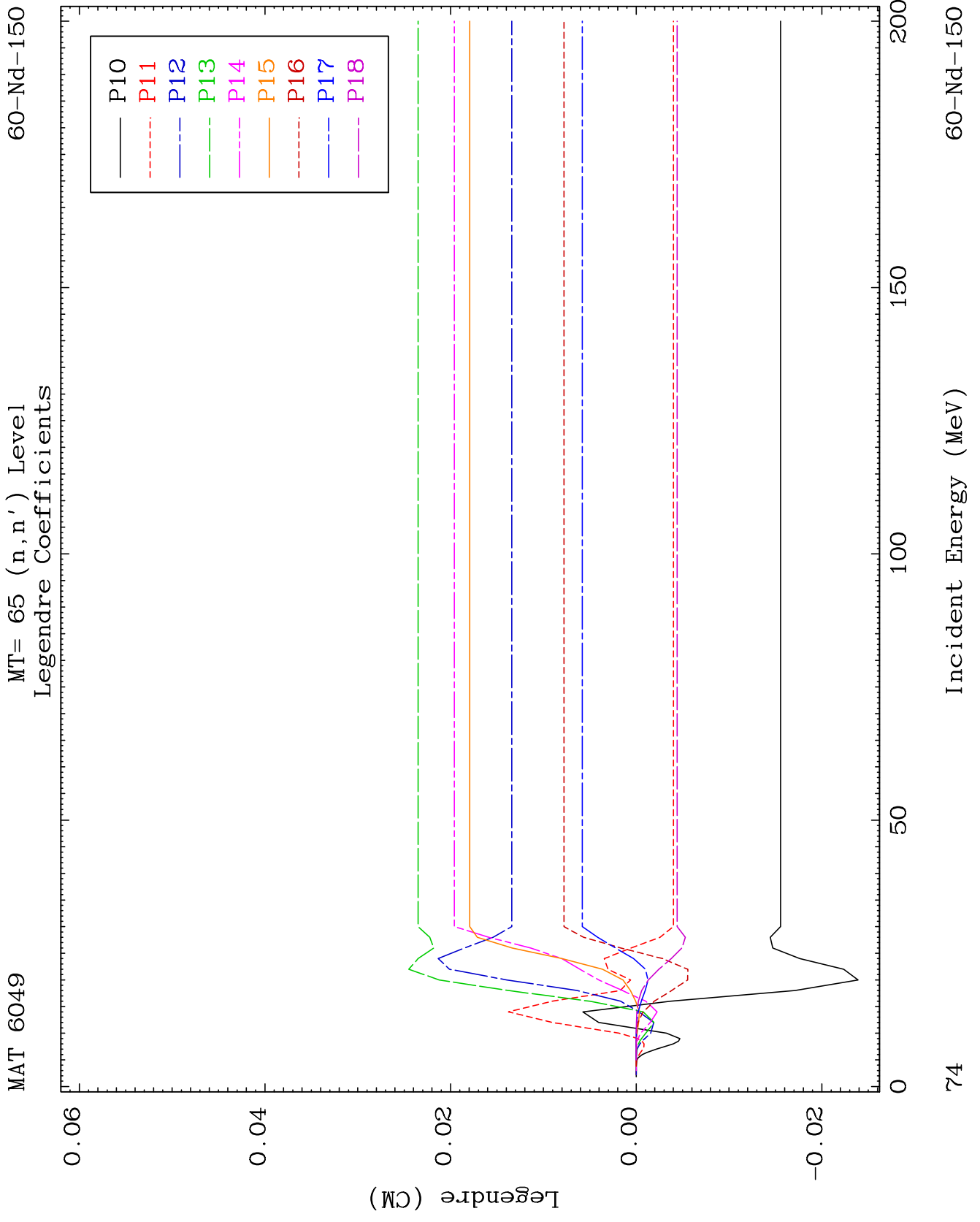
60-Nd-150

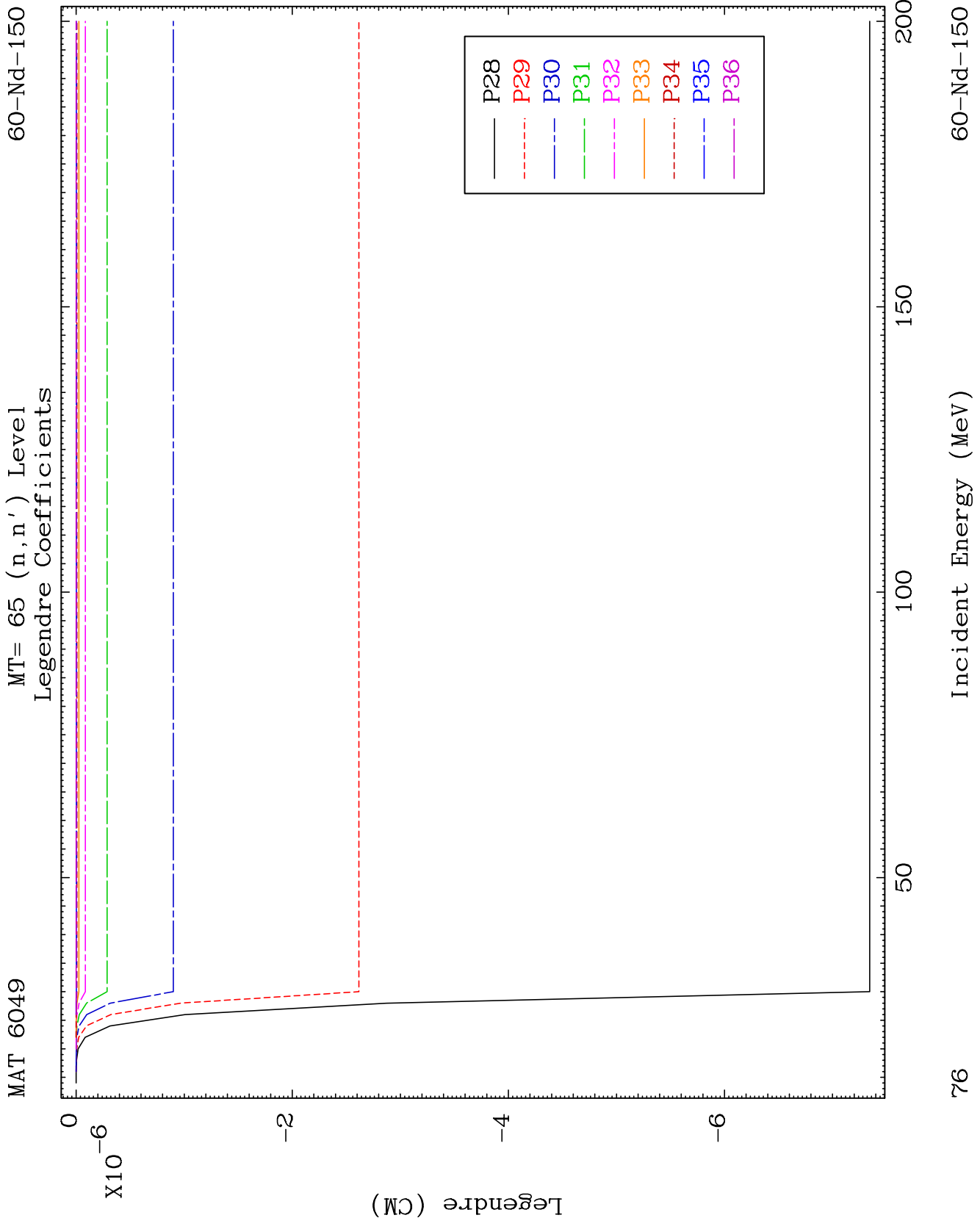


73

Incident Energy (MeV)

60-Nd-150

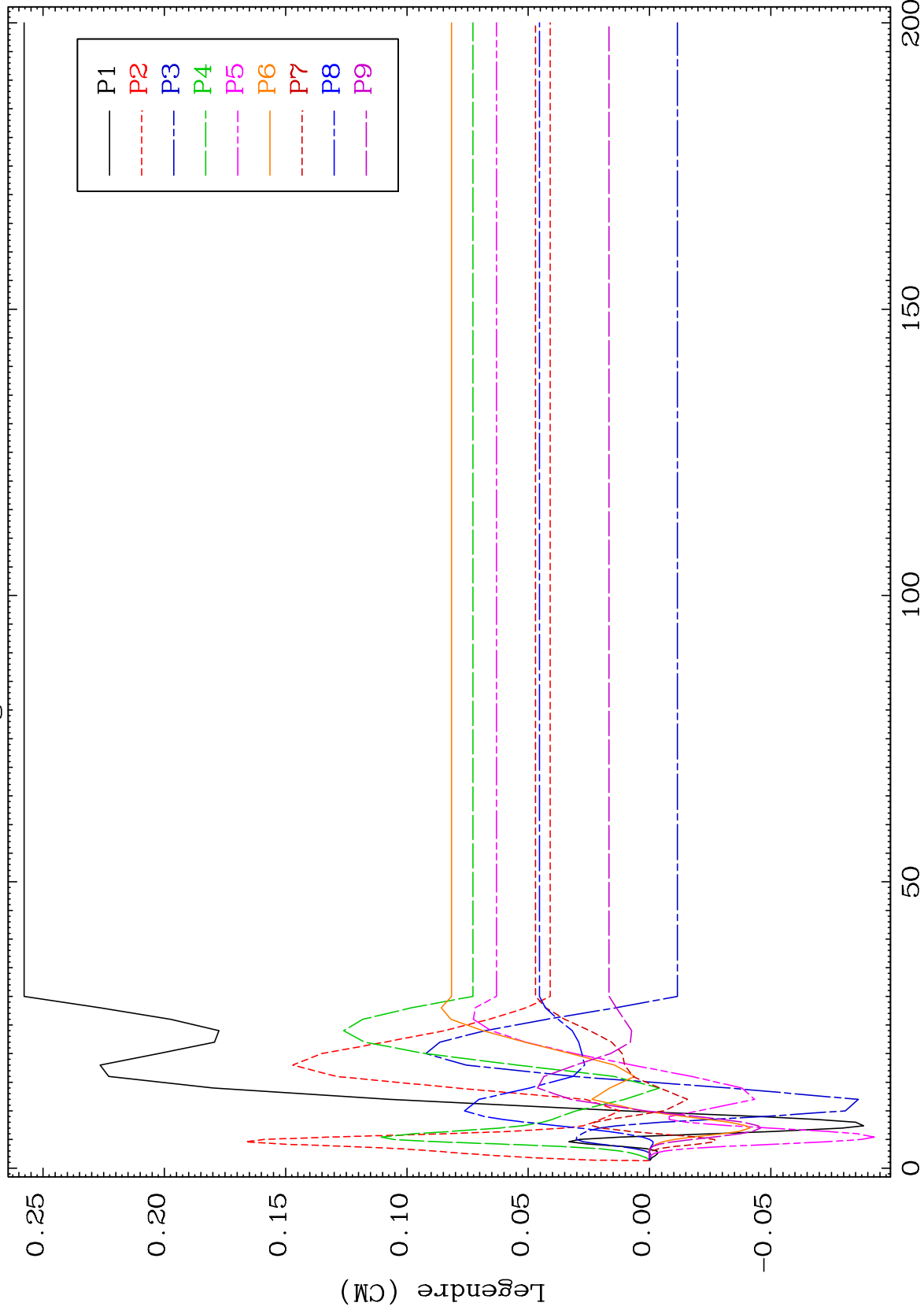




MAT 6049

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

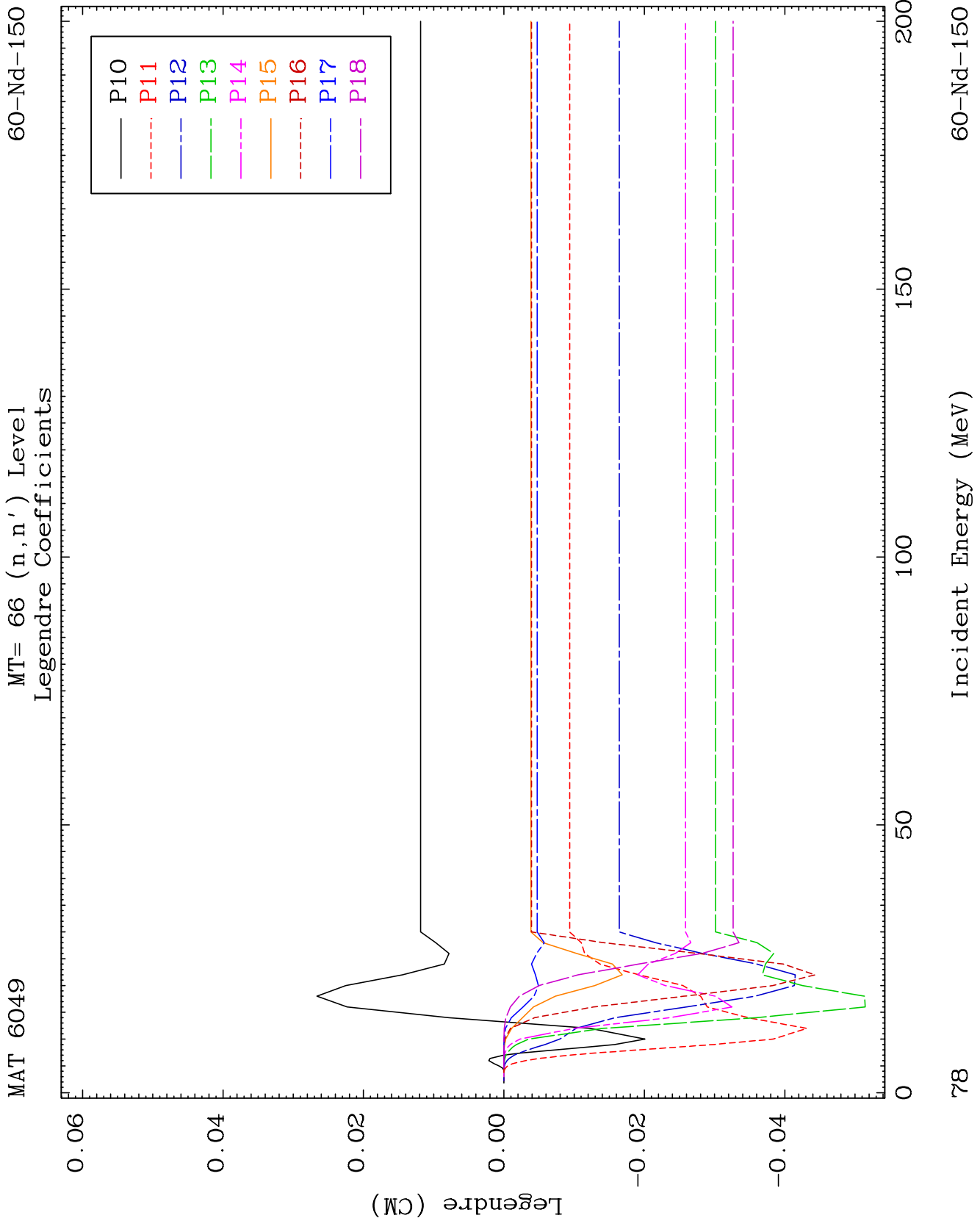
60-Nd-150



77

Incident Energy (MeV)

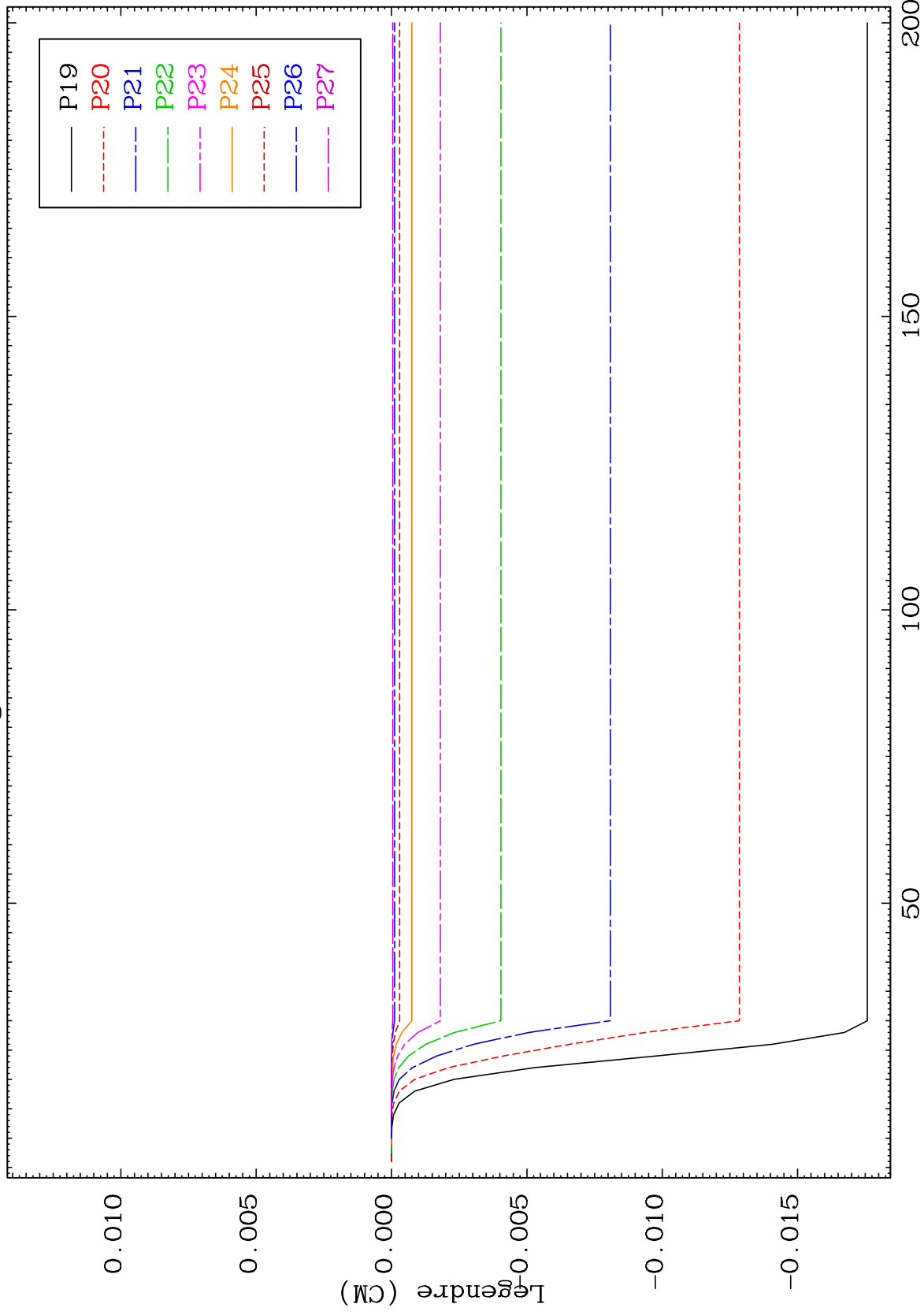
60-Nd-150



MAT 6049

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

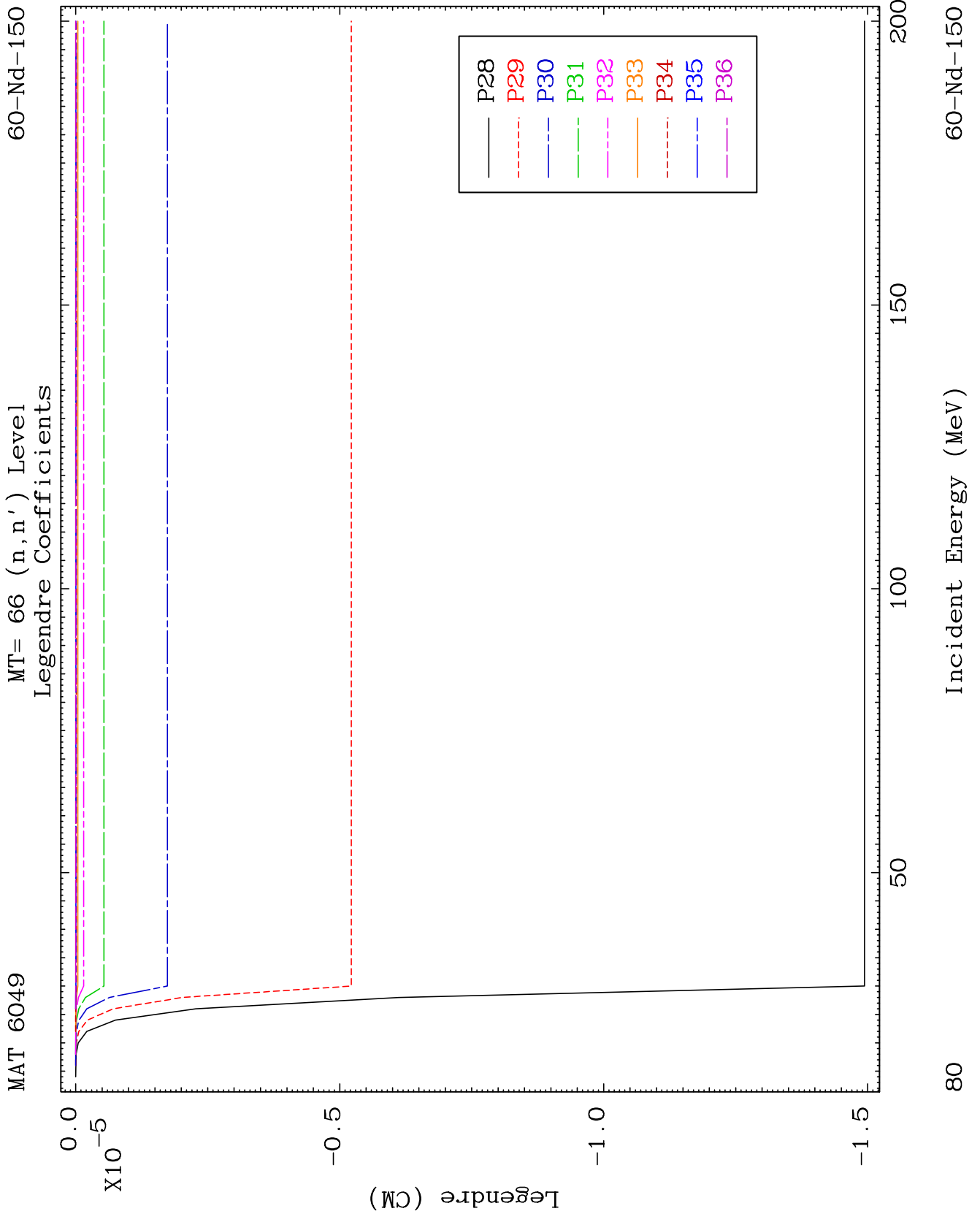
60-Nd-150



79

Incident Energy (MeV)

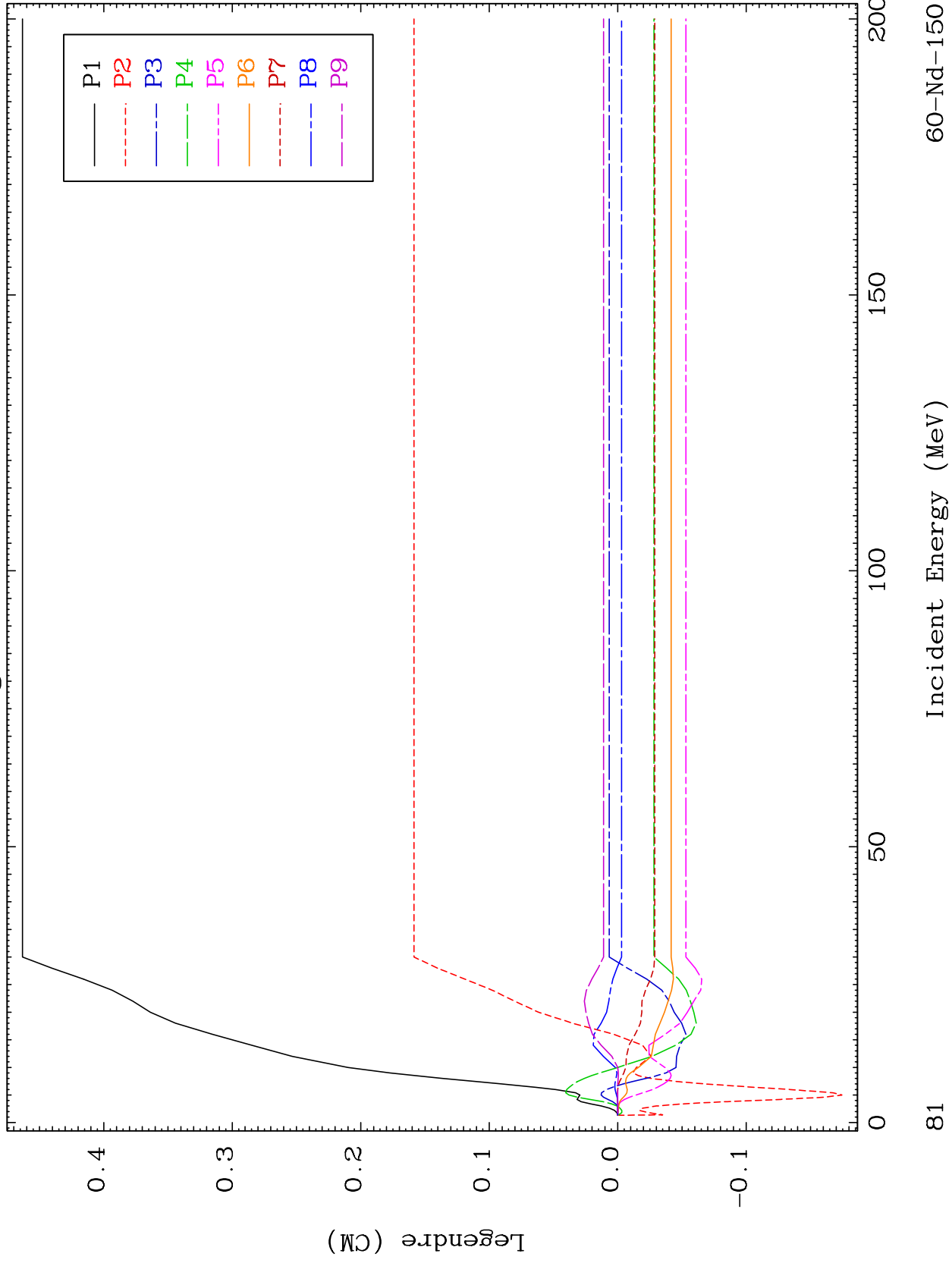
60-Nd-150



MAT 6049

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

60-Nd-150



81

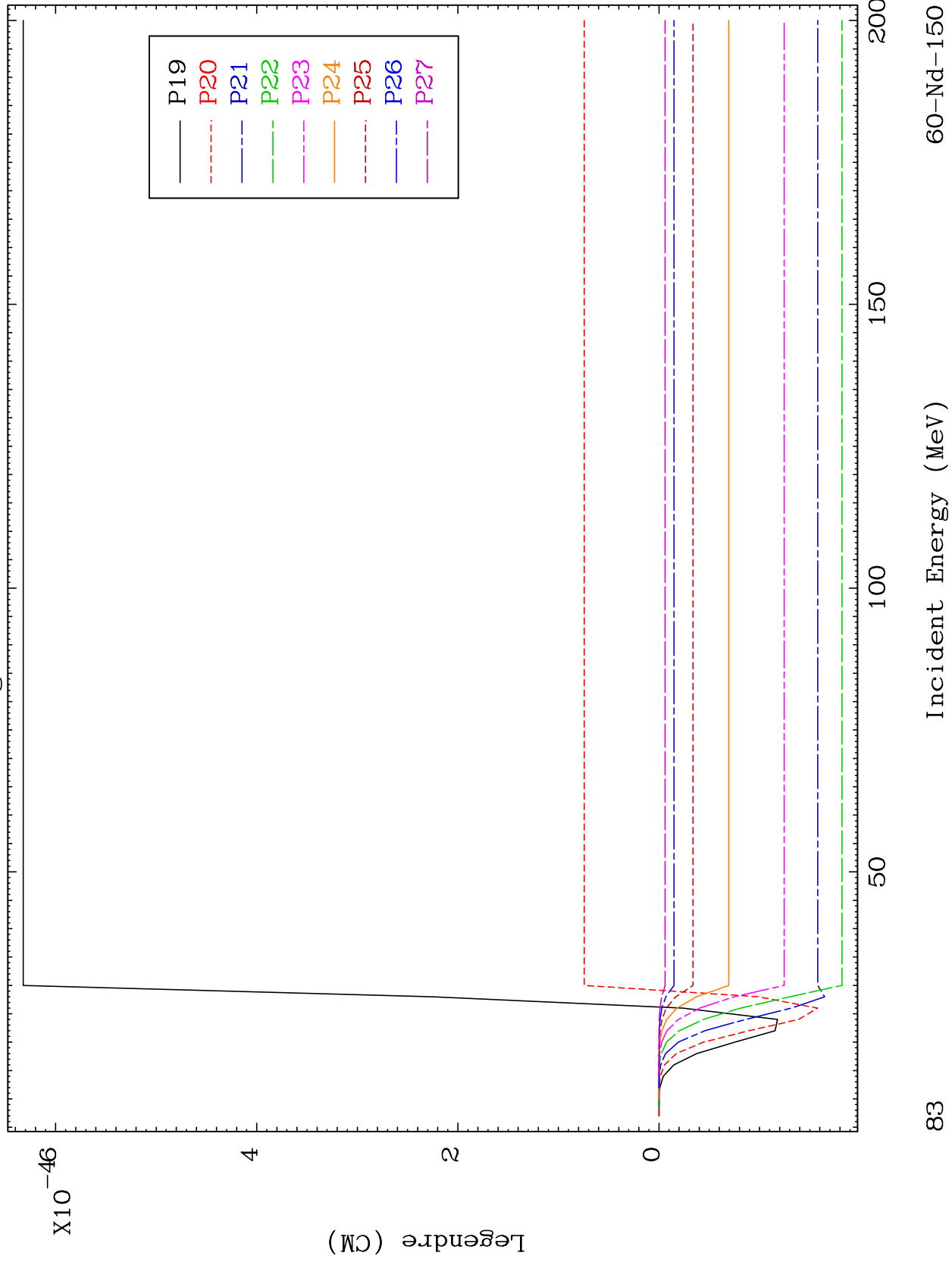
Incident Energy (MeV)

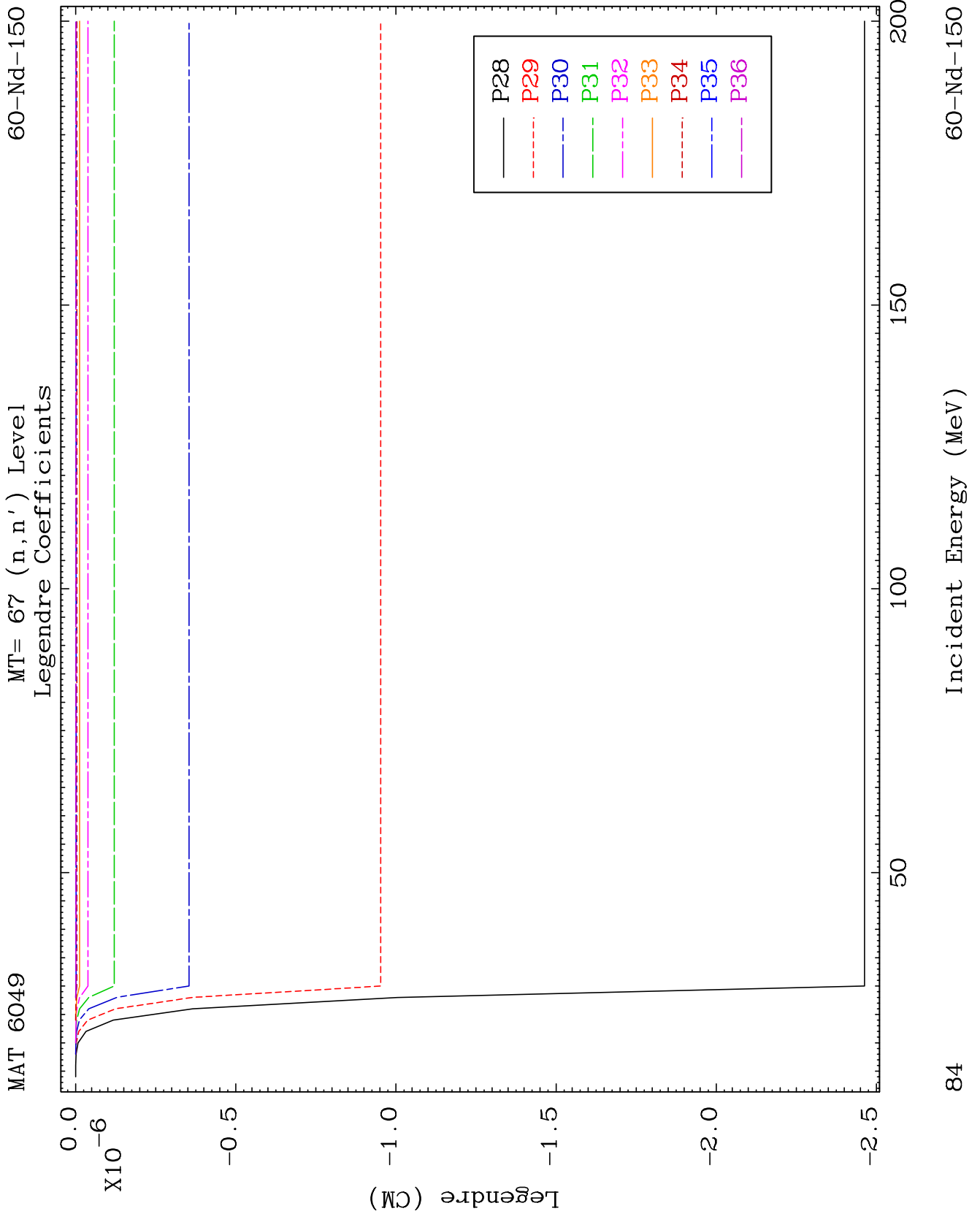
60-Nd-150

MAT 6049

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

60-Nd-150

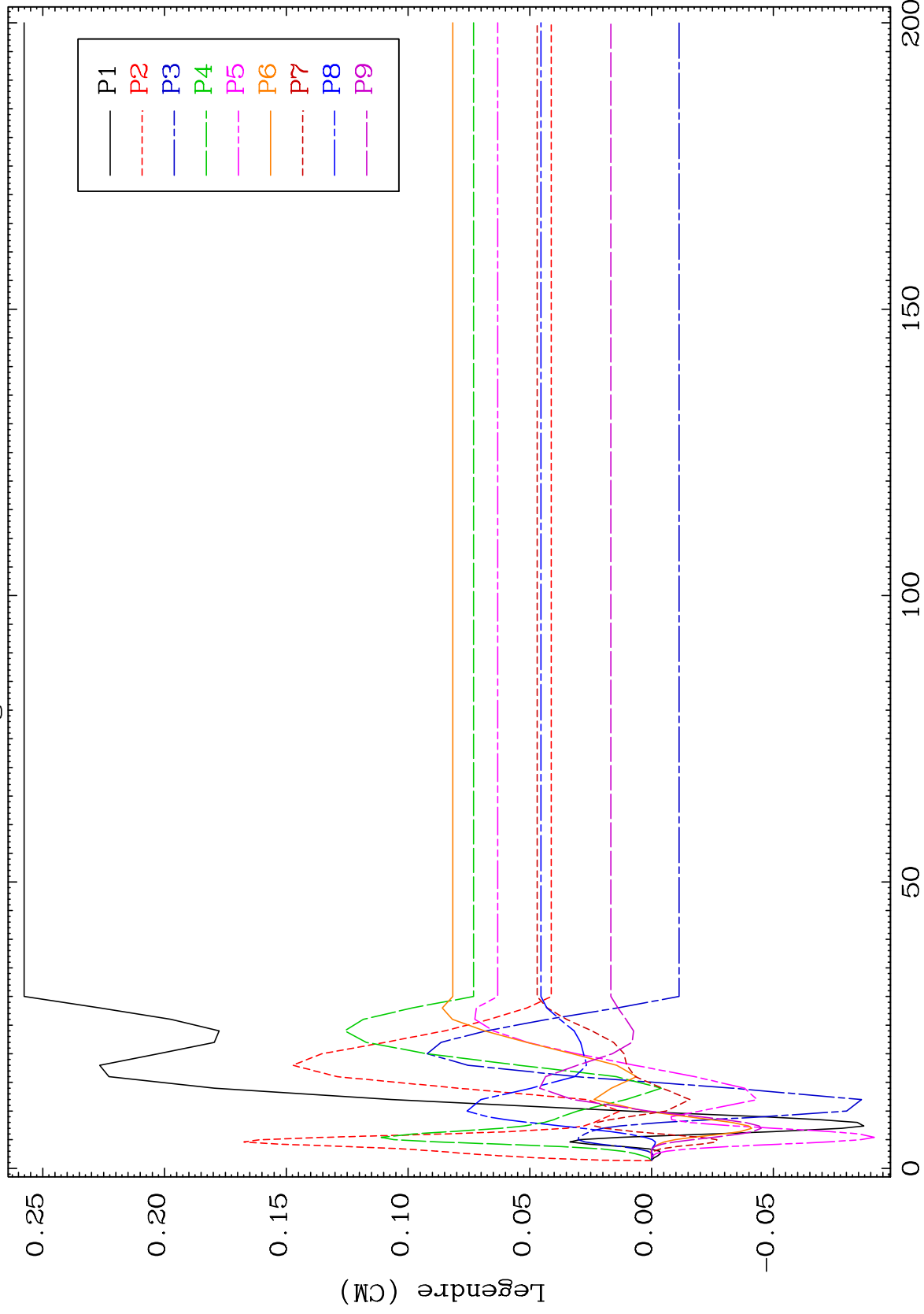




MAT 6049

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

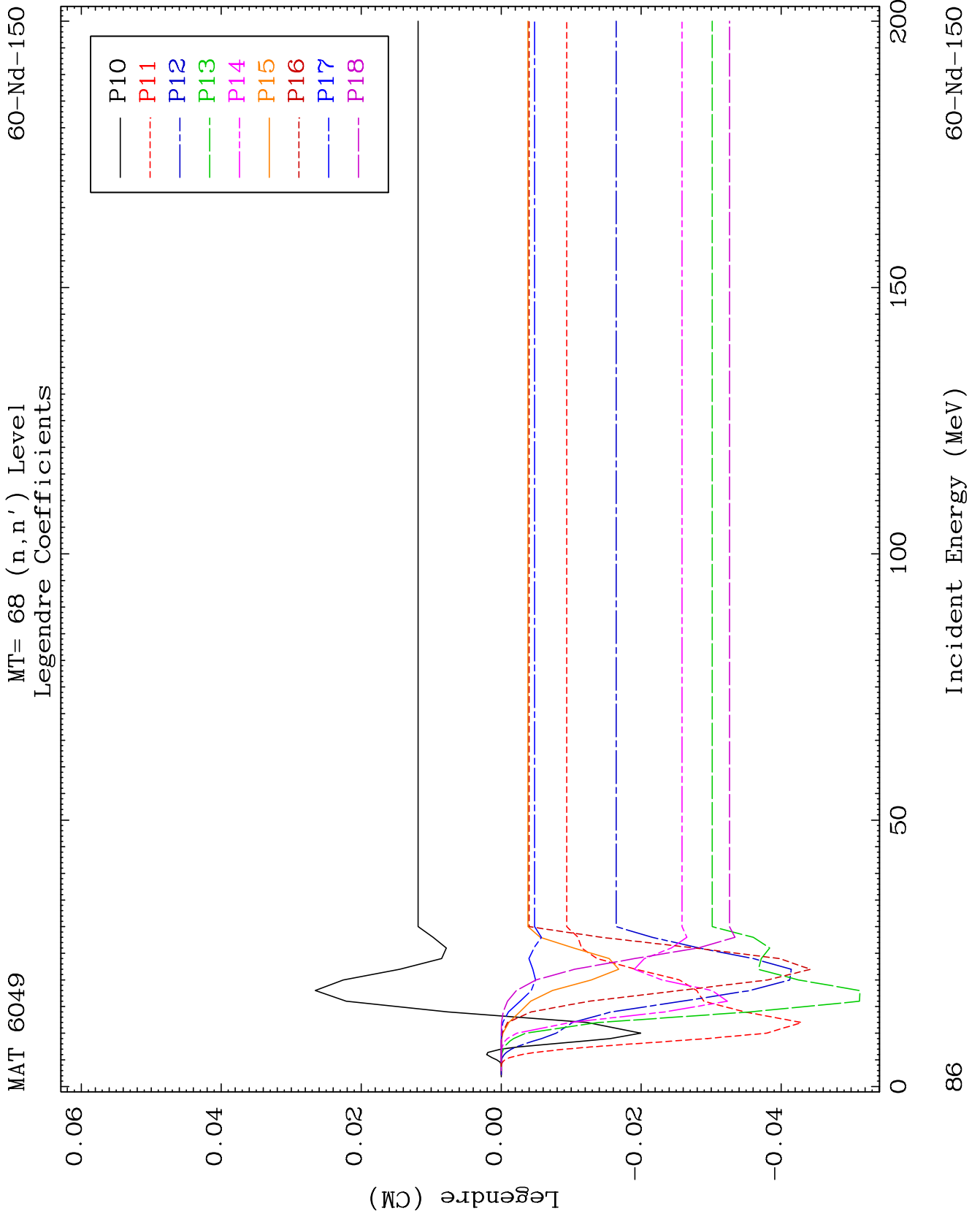
60-Nd-150



85

Incident Energy (MeV)

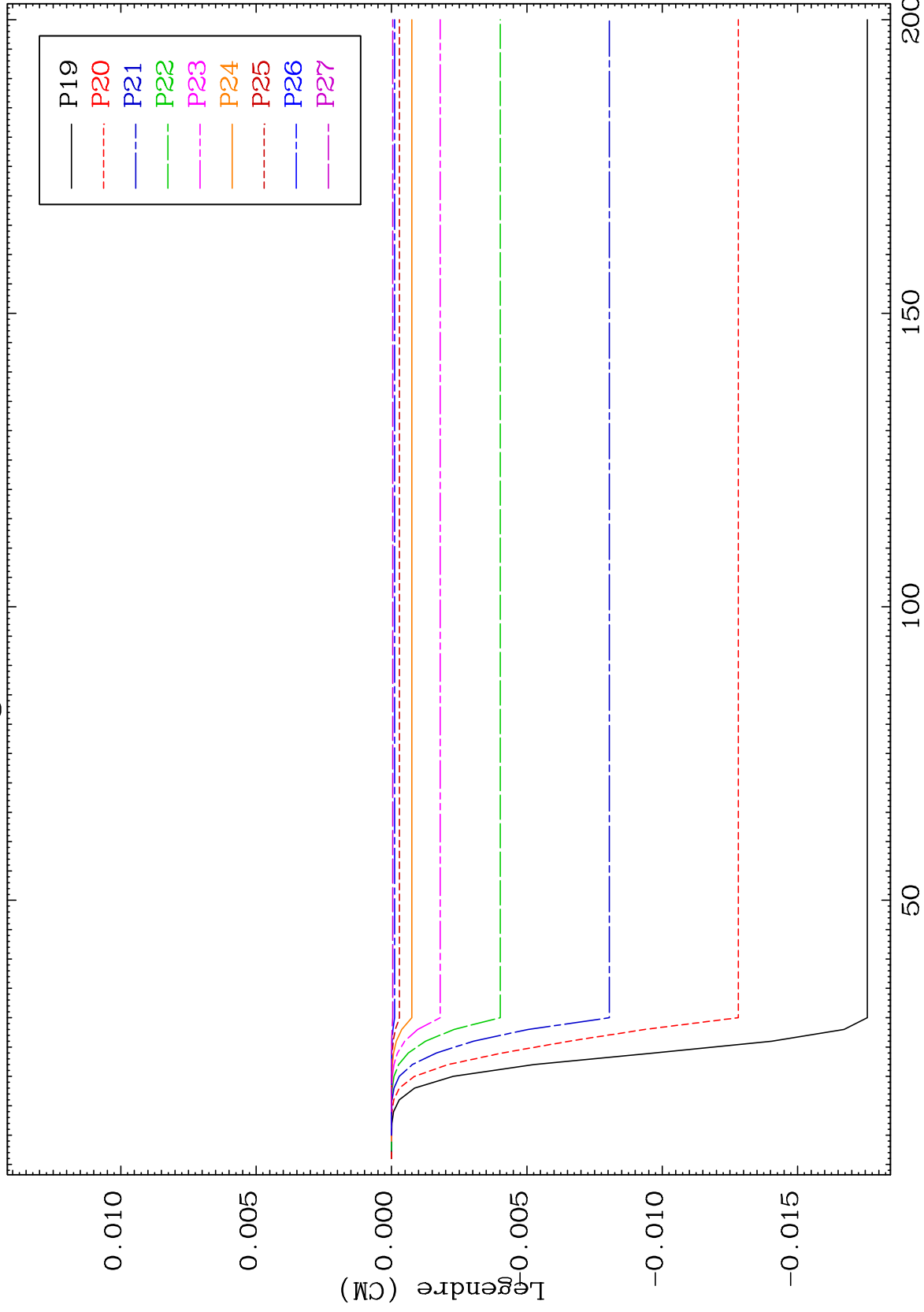
60-Nd-150



MAT 6049

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

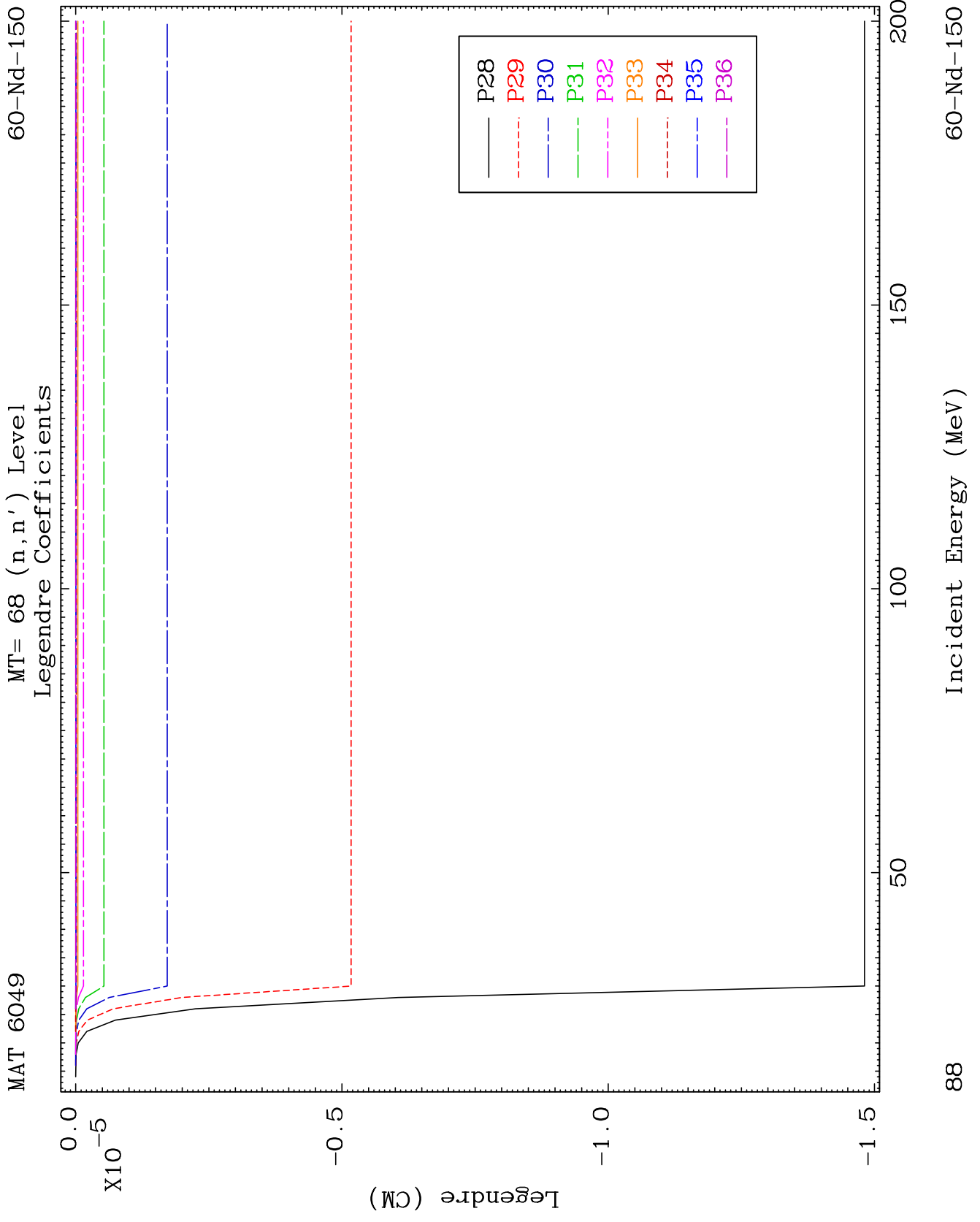
60-Nd-150



87

Incident Energy (MeV)

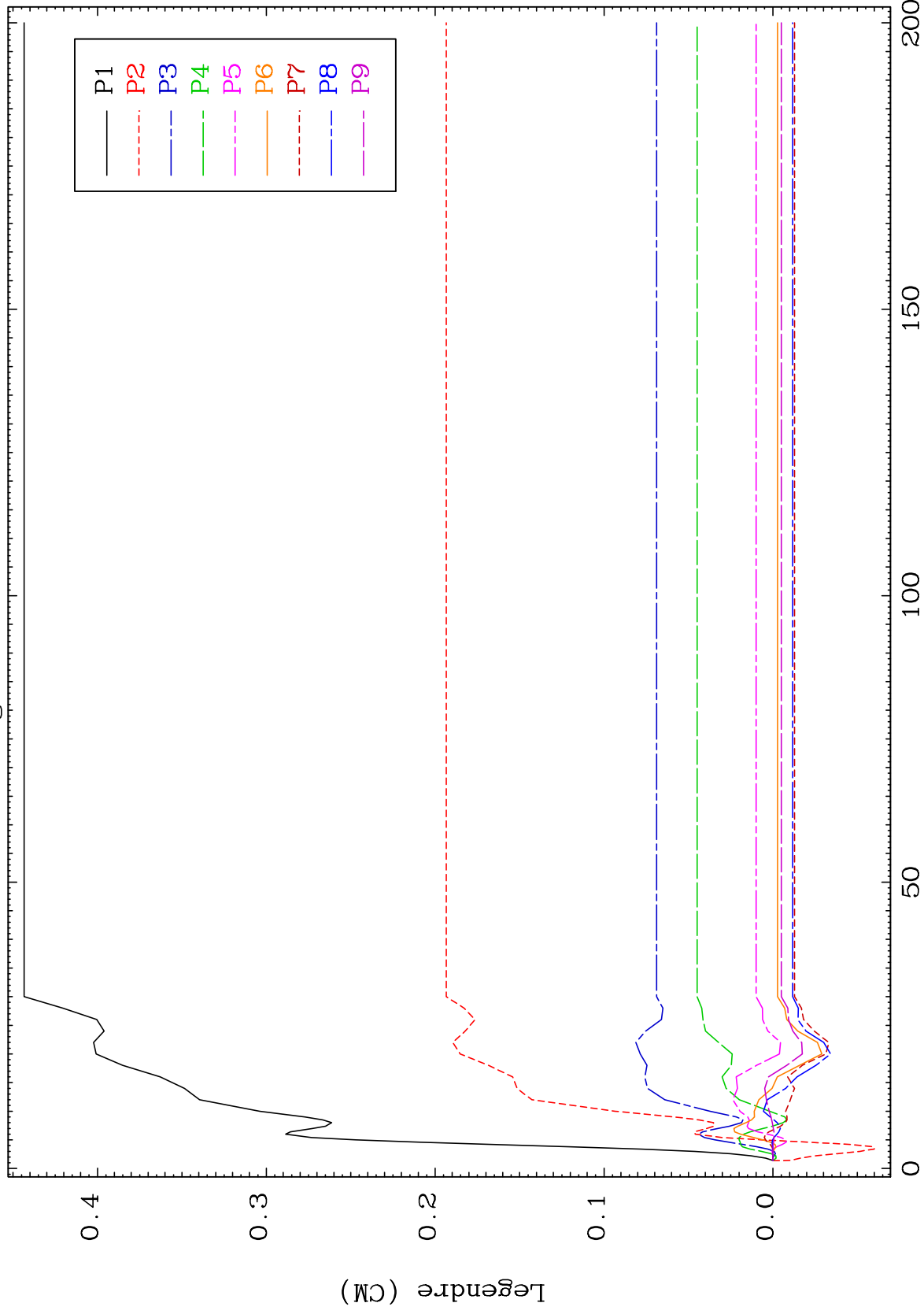
60-Nd-150



MAT 6049

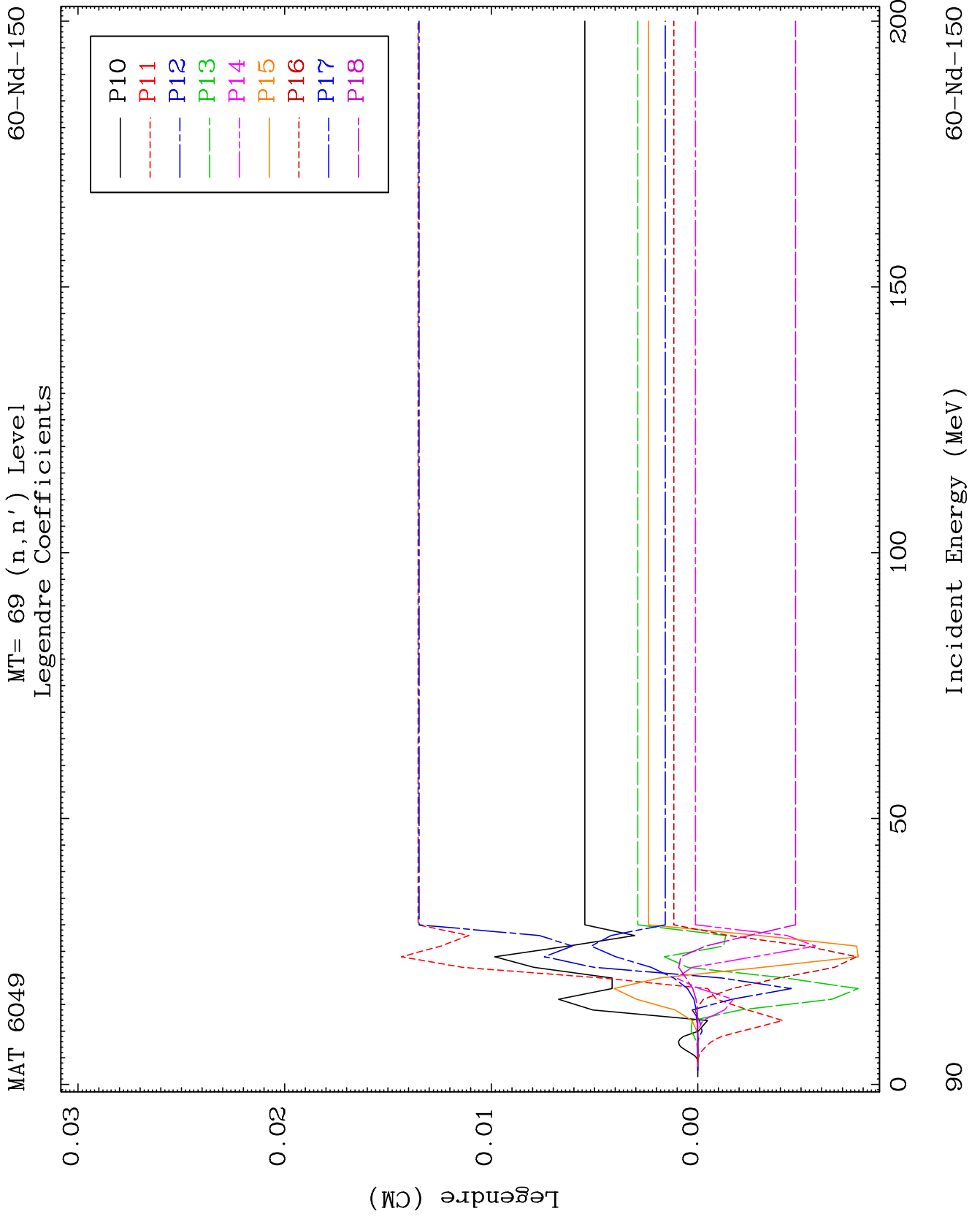
MT= 69 (n,n') Level
Legendre Coefficients

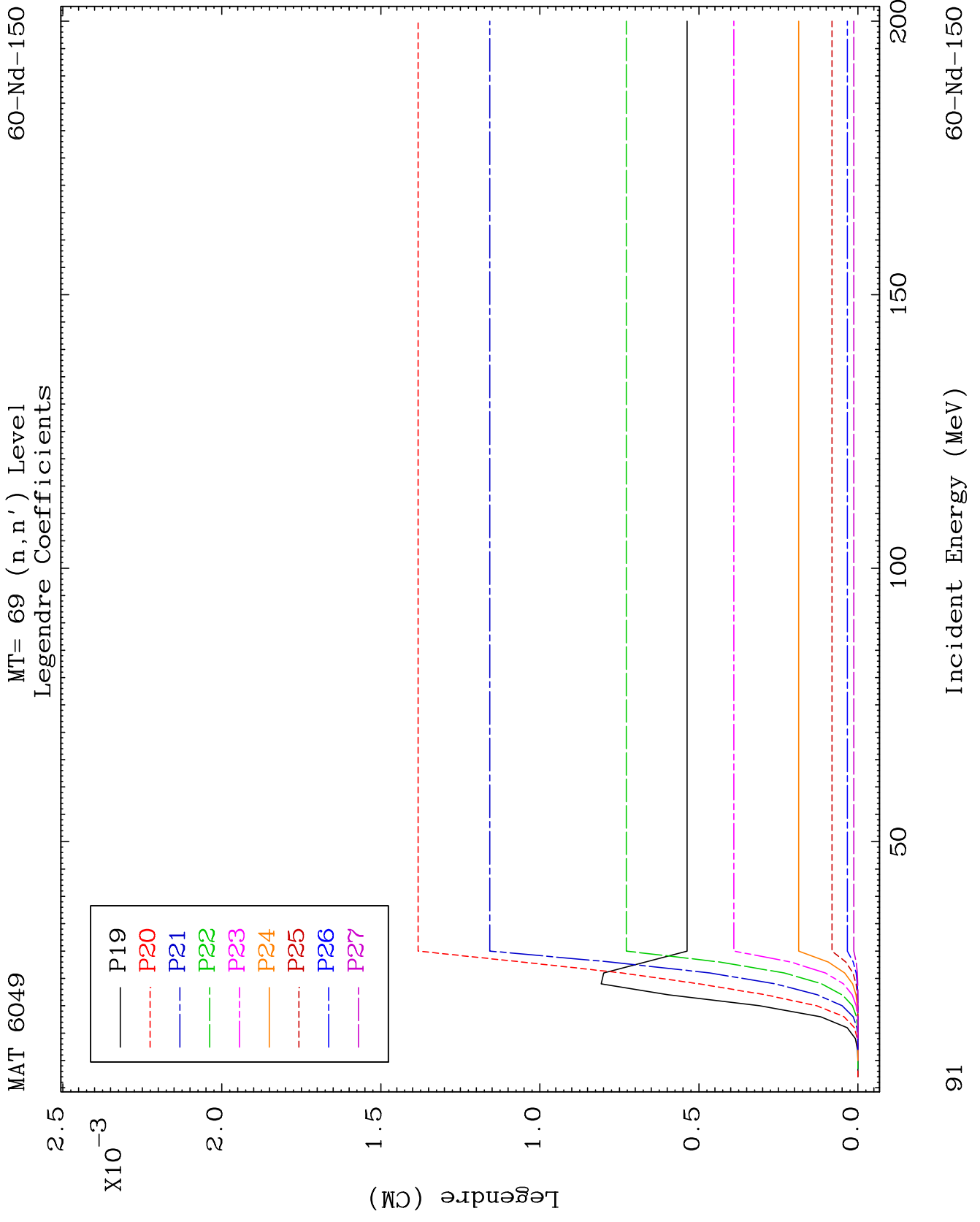
60-Nd-150



89

60-Nd-150

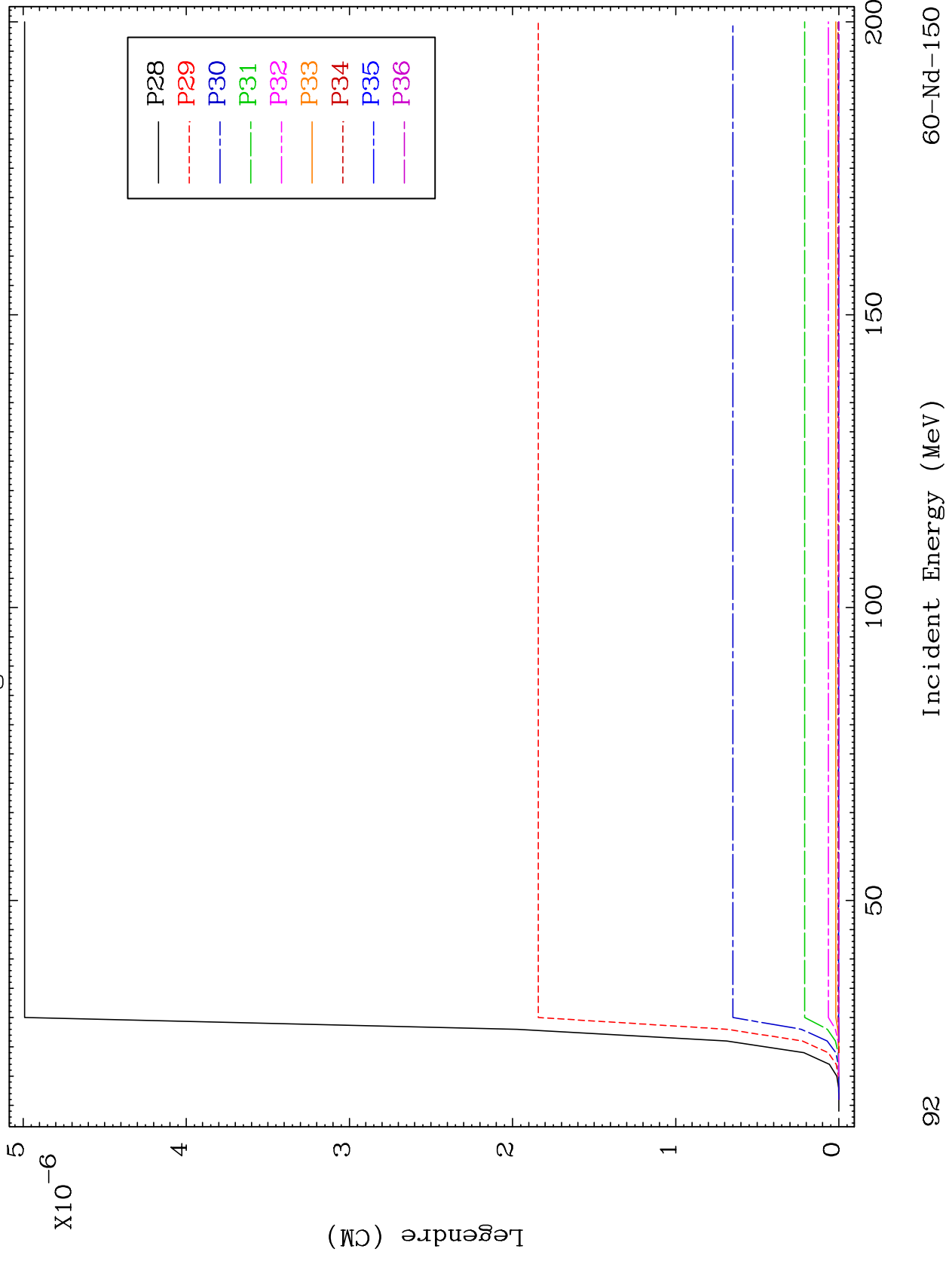




MAT 6049

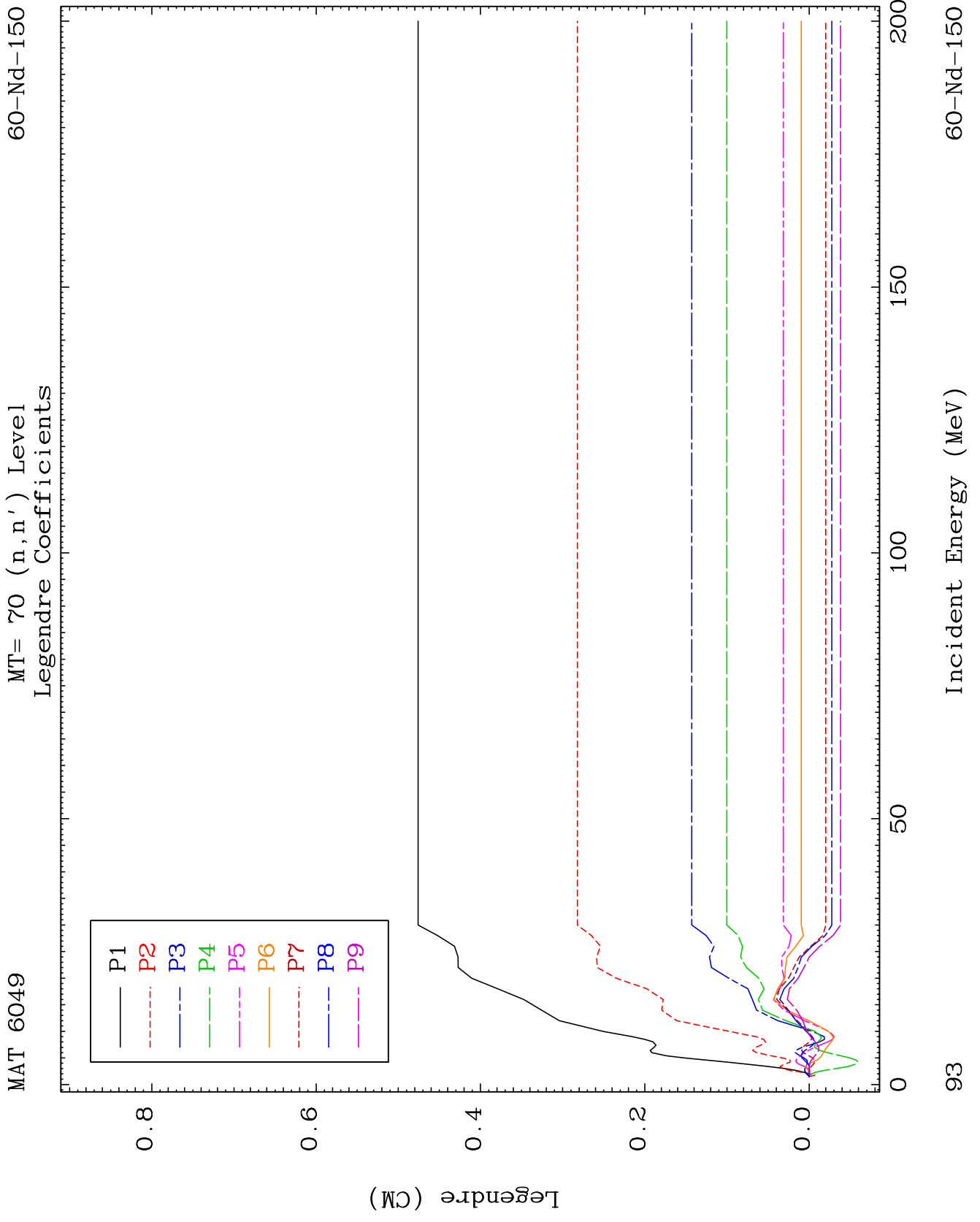
MT= 69 (n,n') Level
Legendre Coefficients

60-Nd-150



92

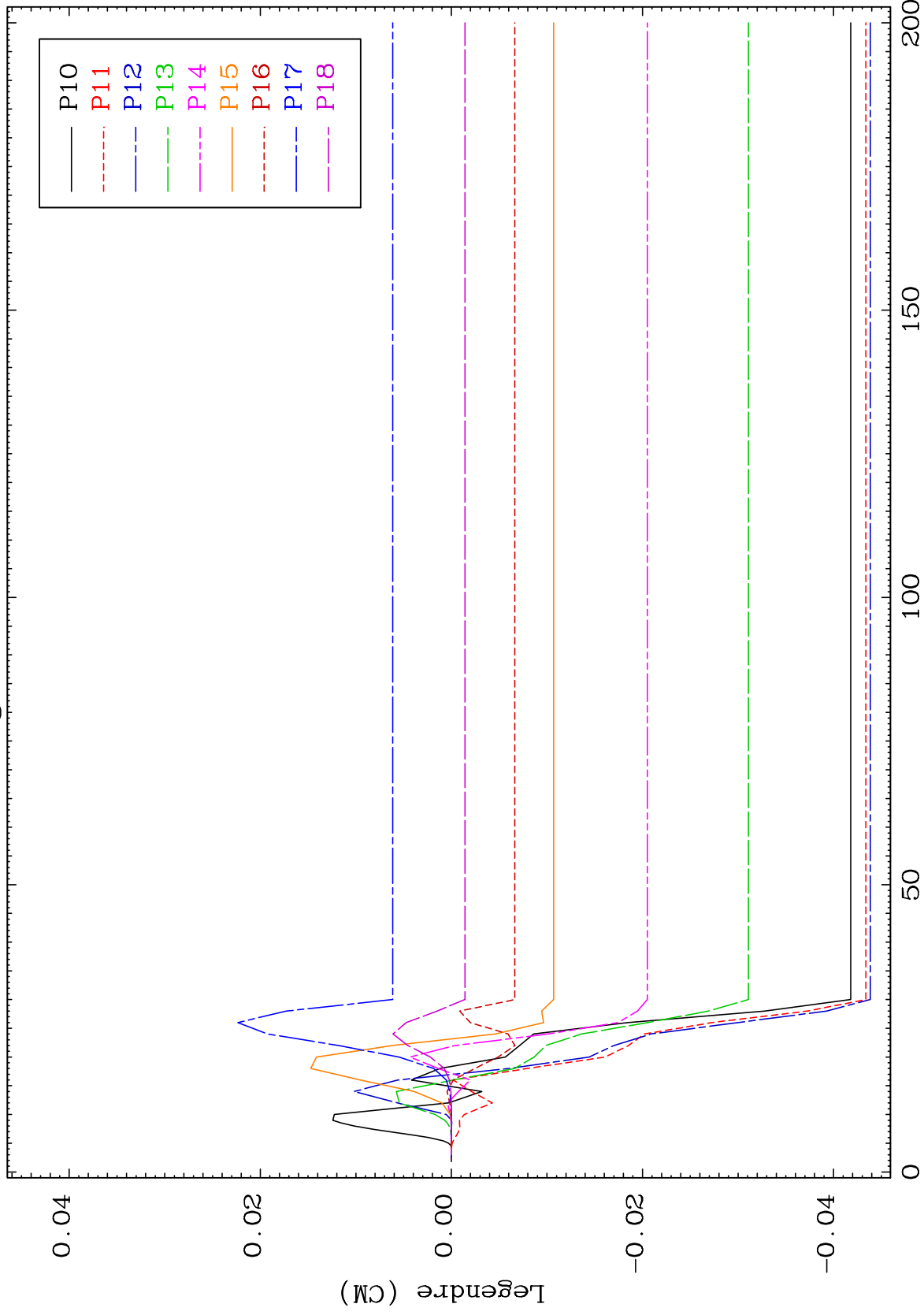
60-Nd-150



MAT 6049

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

60-Nd-150



94

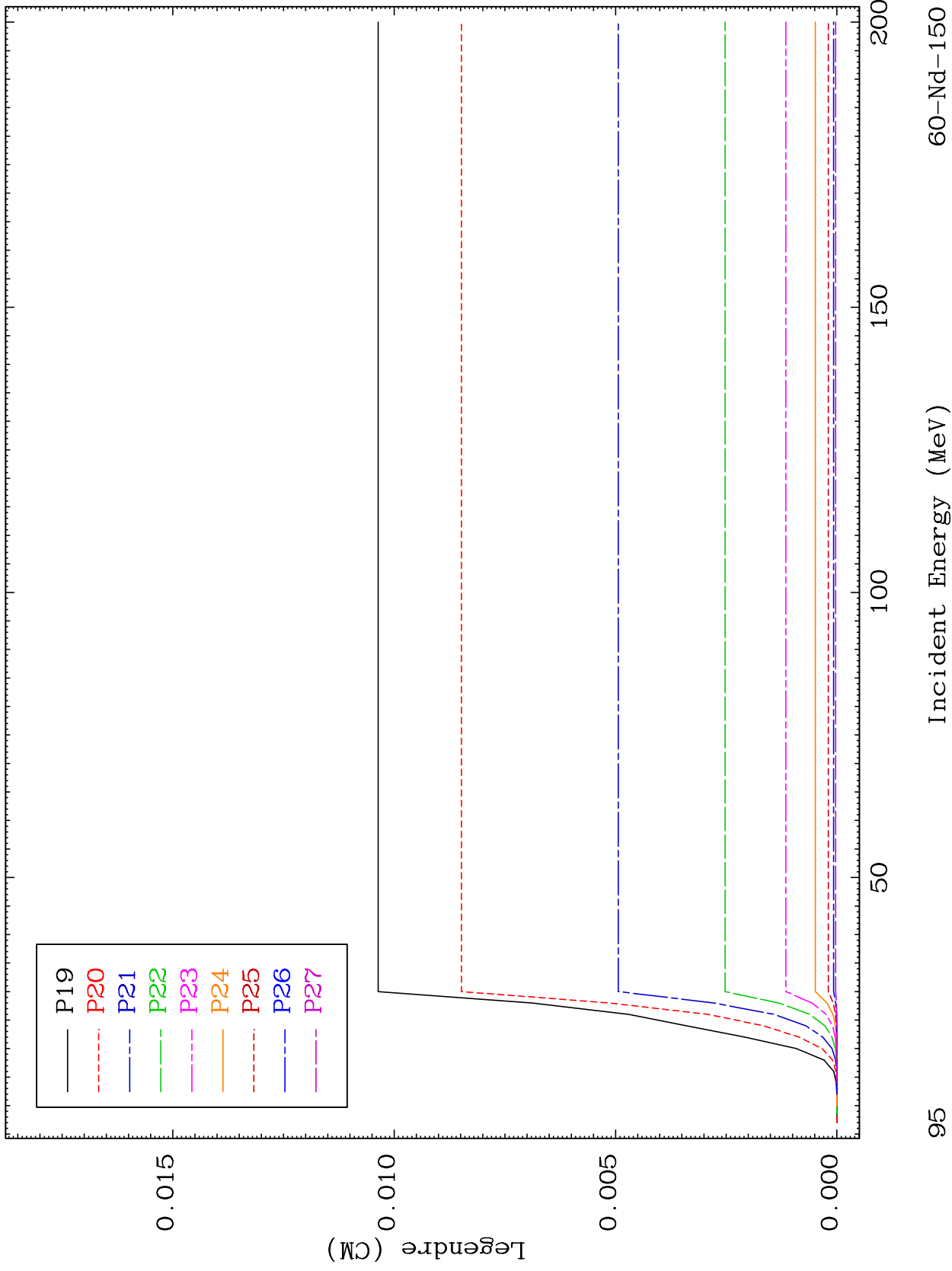
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



95

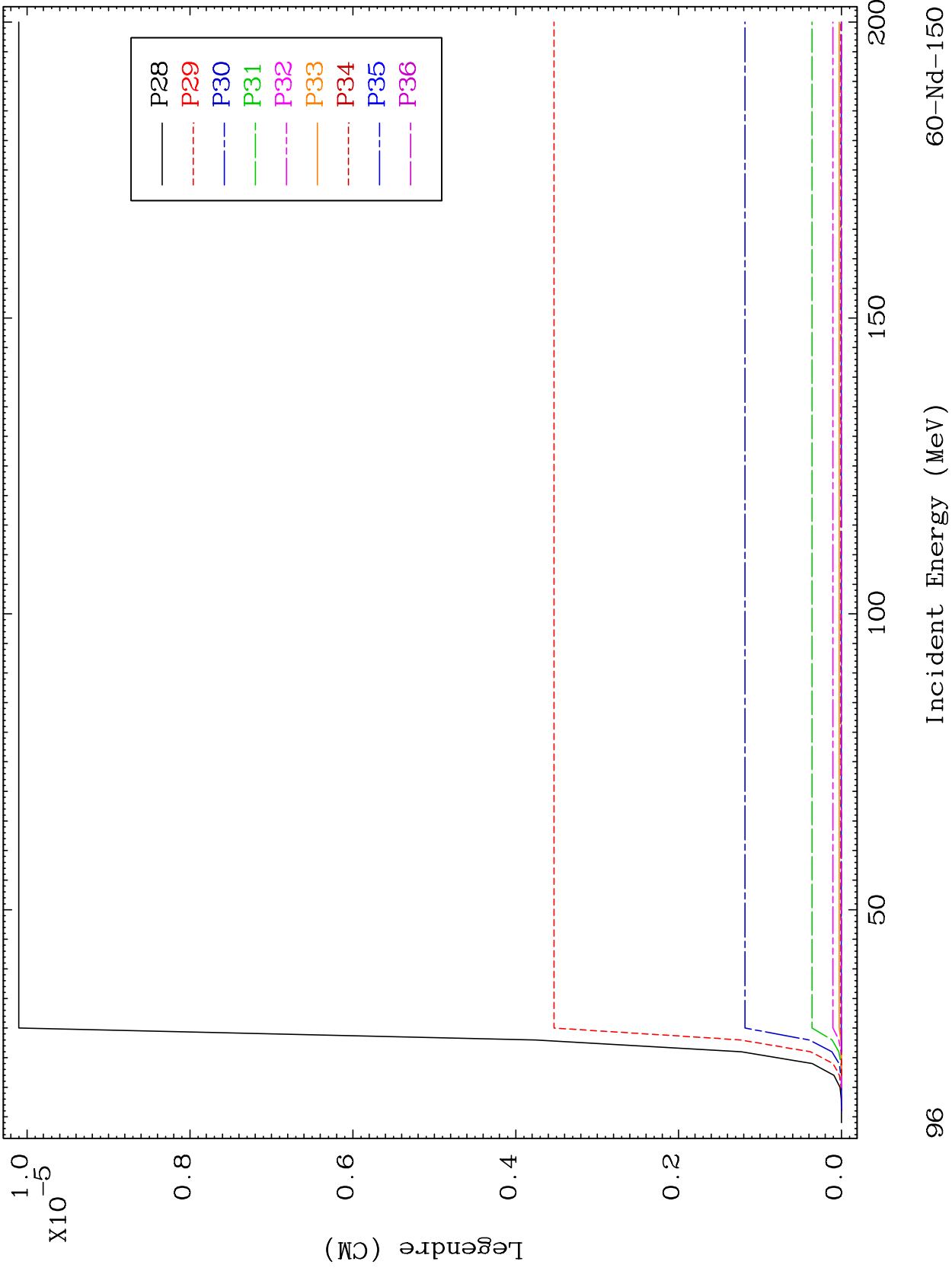
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



96

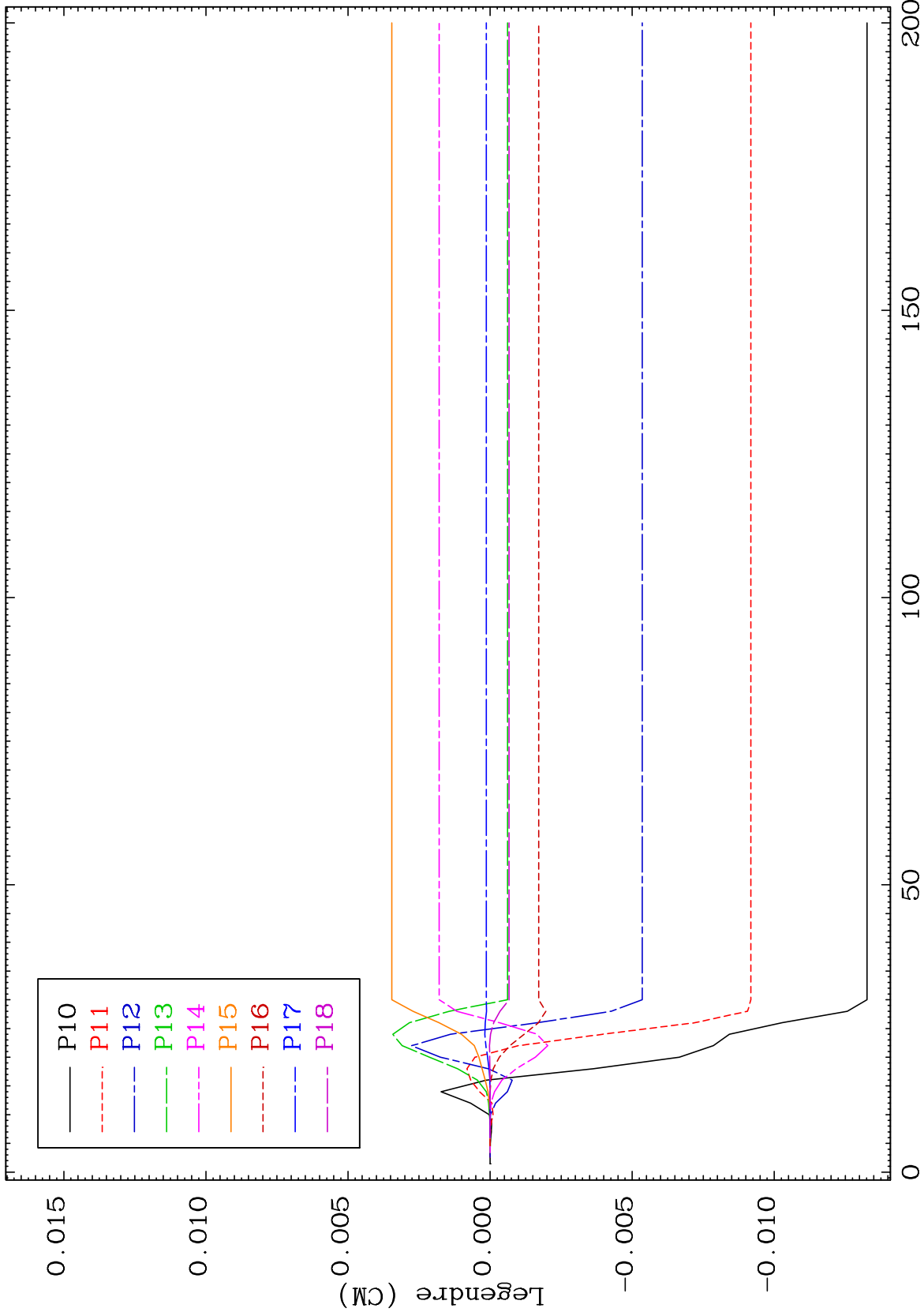
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



98

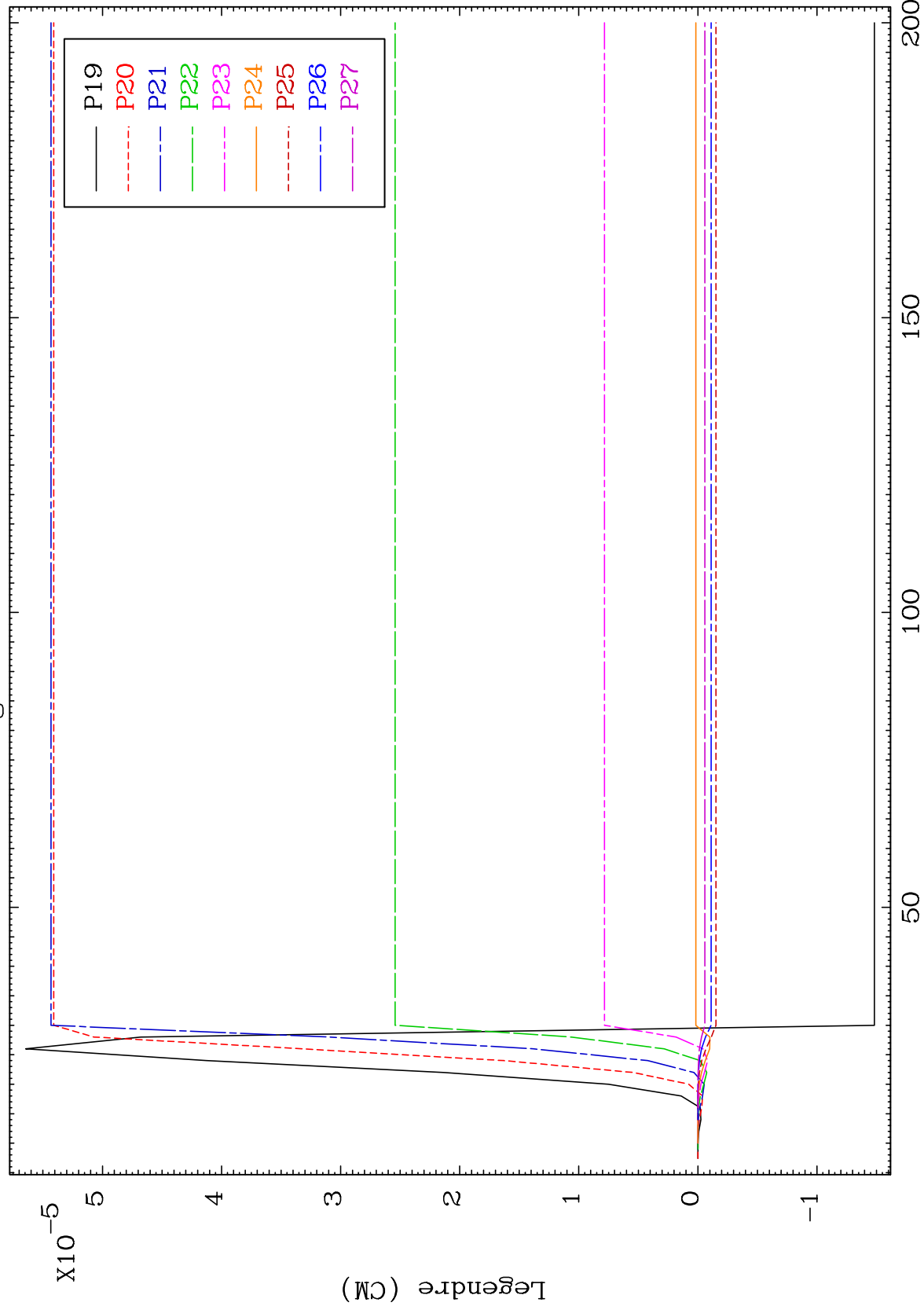
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

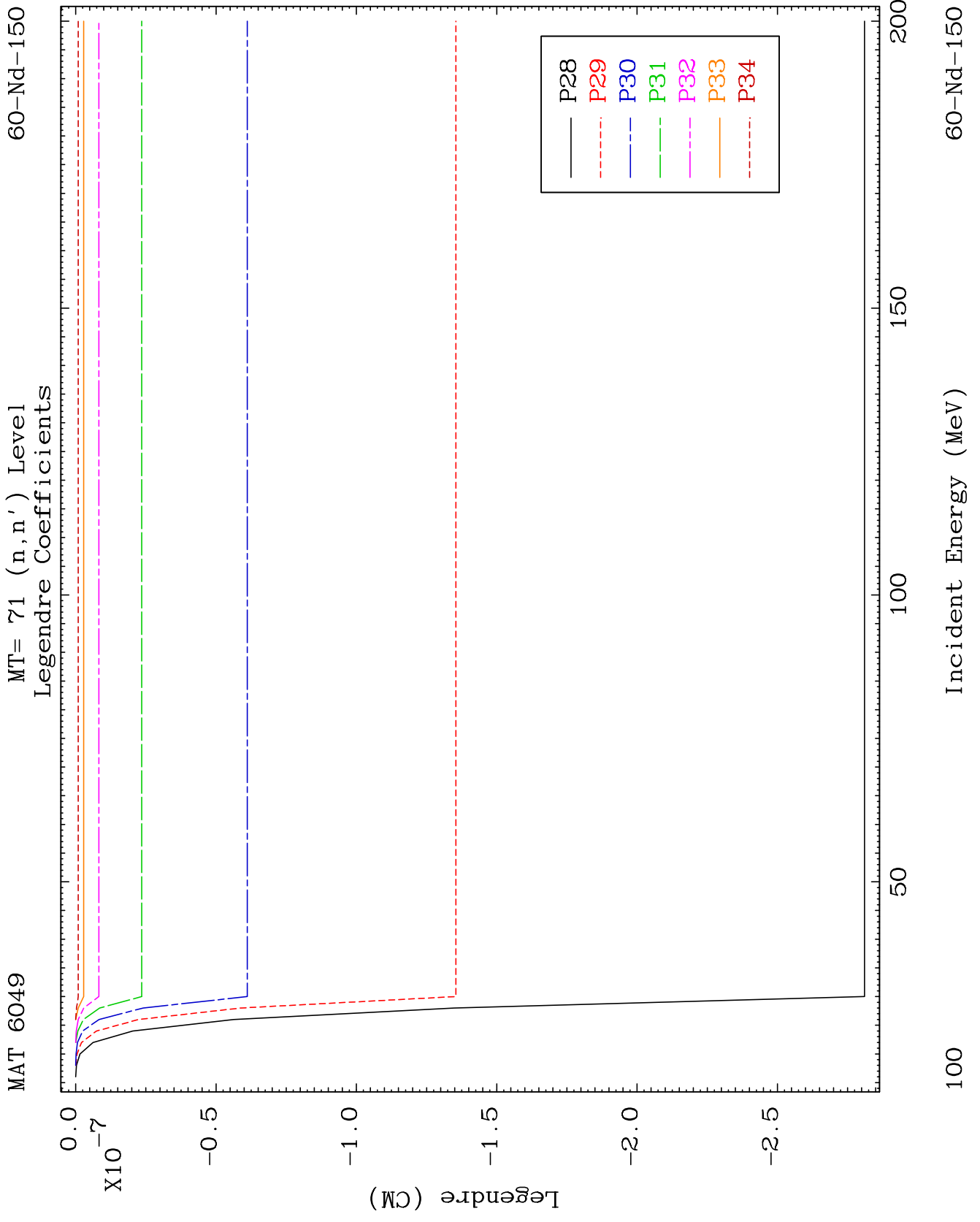
60-Nd-150

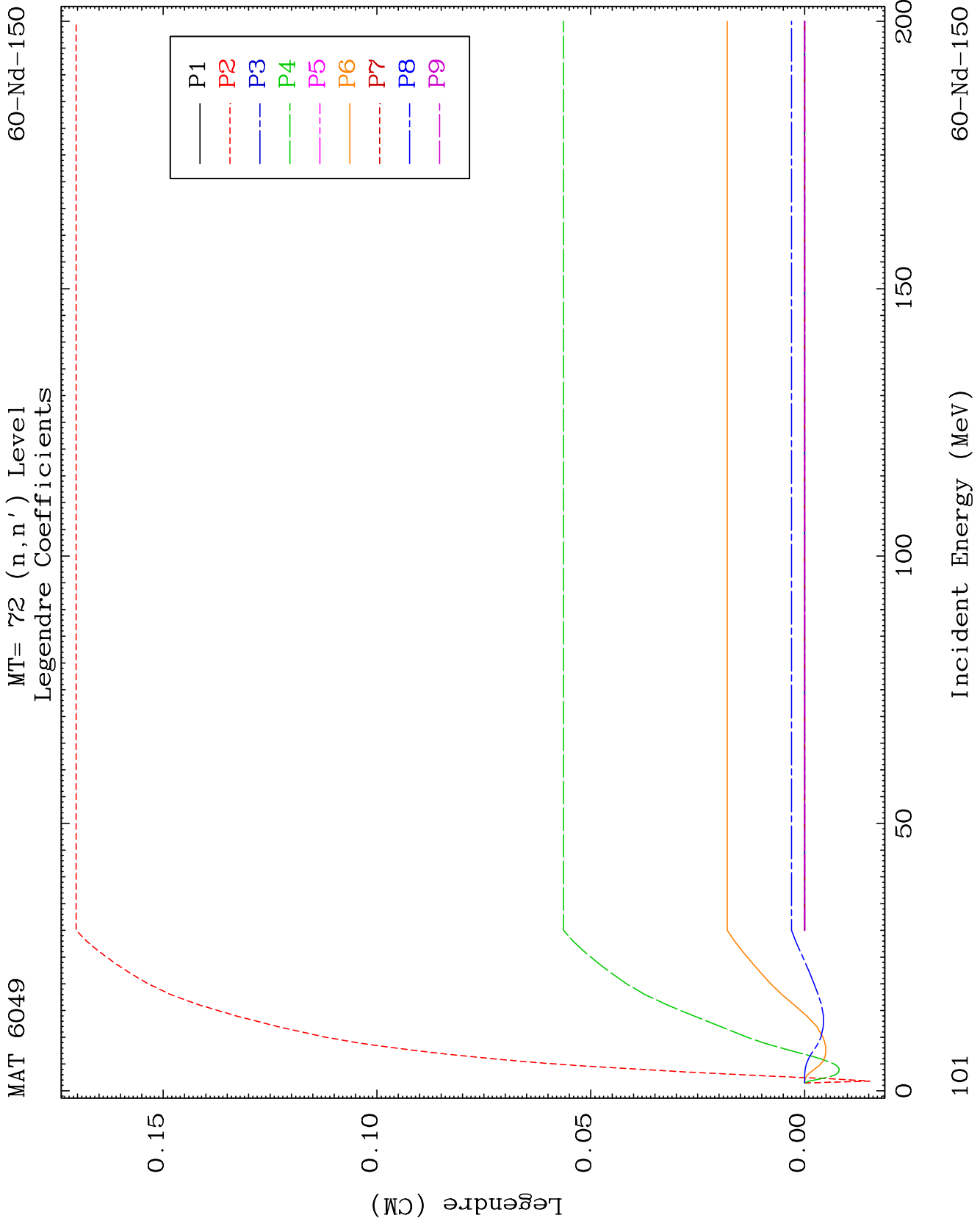


99

Incident Energy (MeV)

60-Nd-150

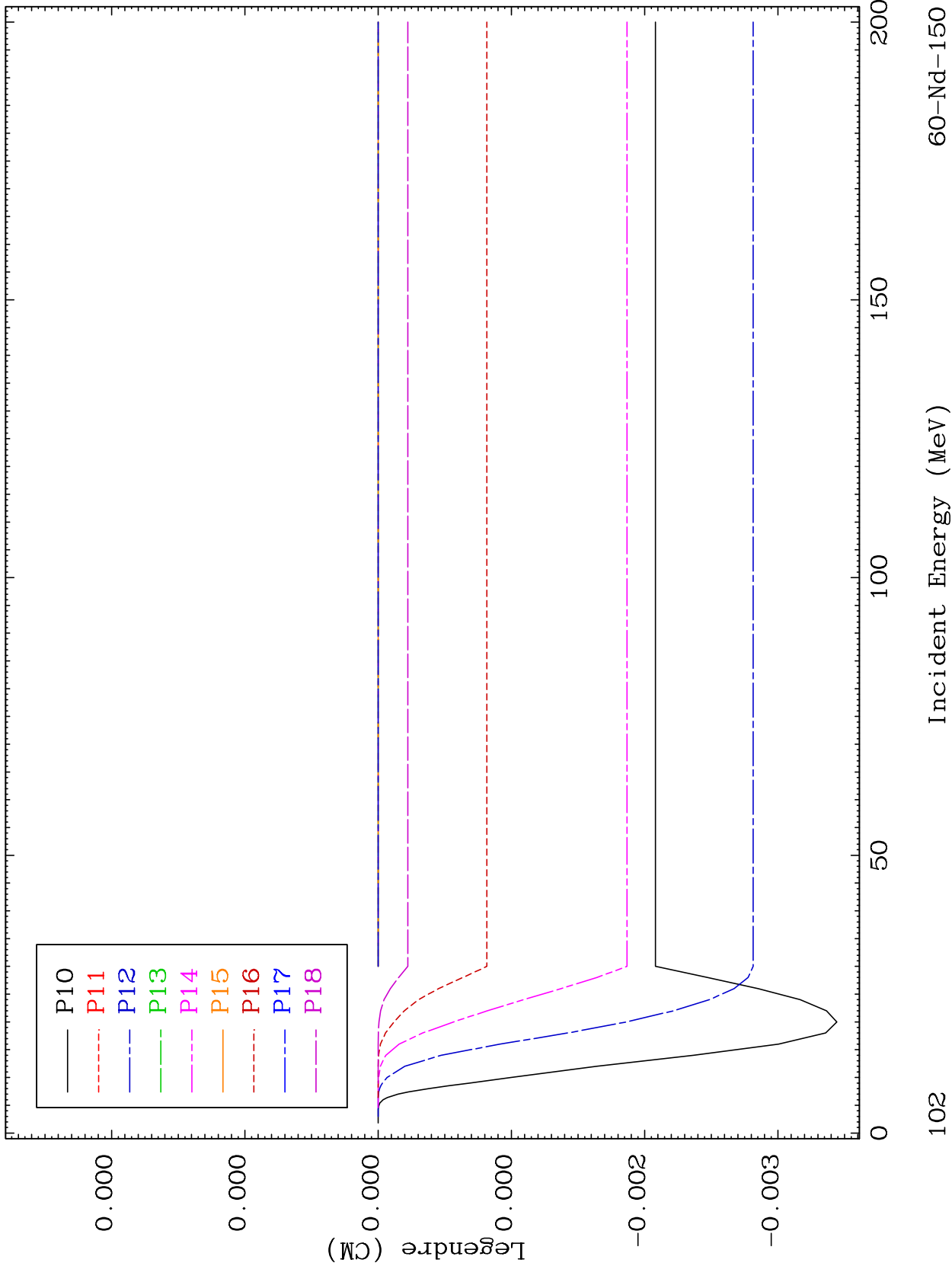


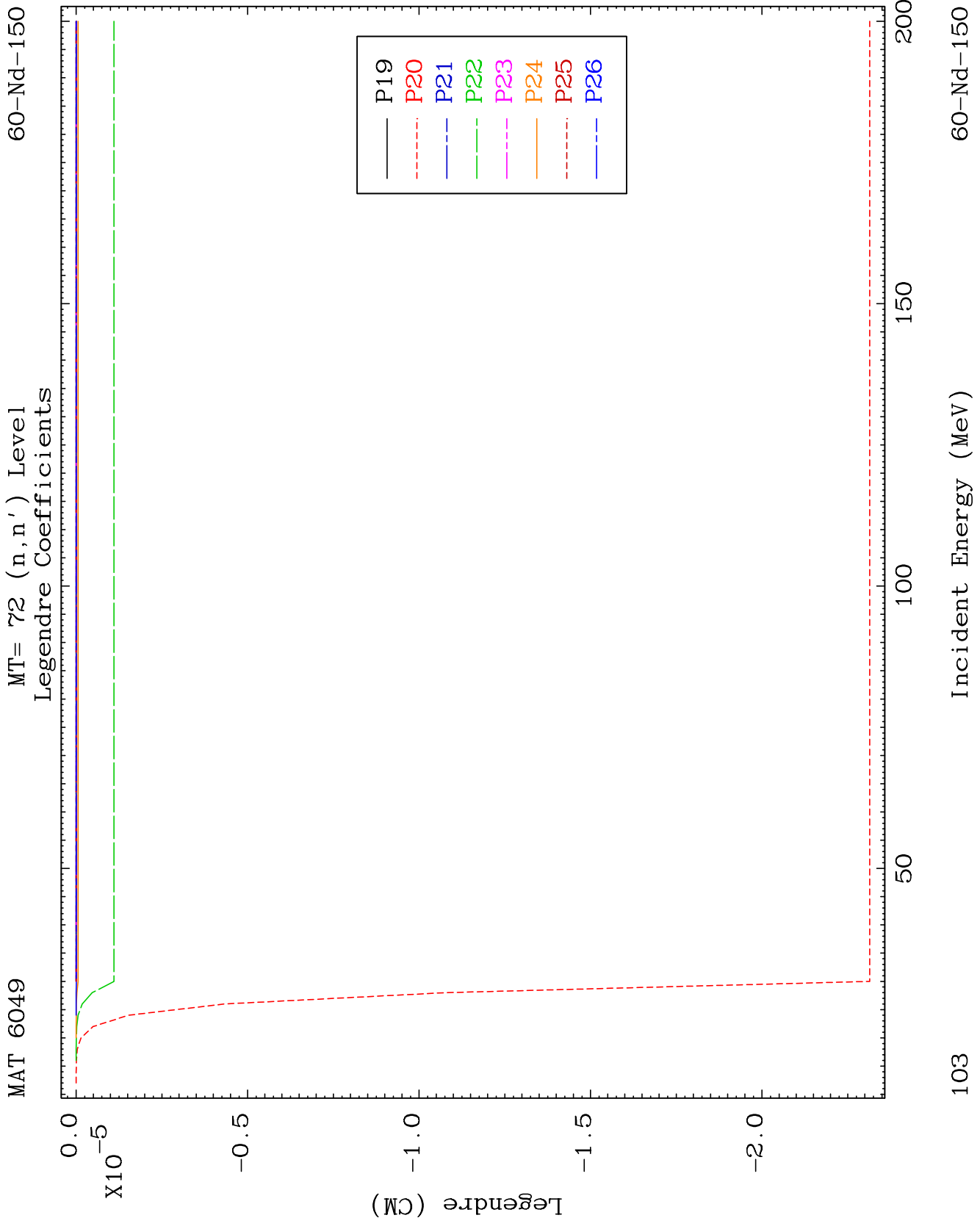


MAT 6049

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

60-Nd-150

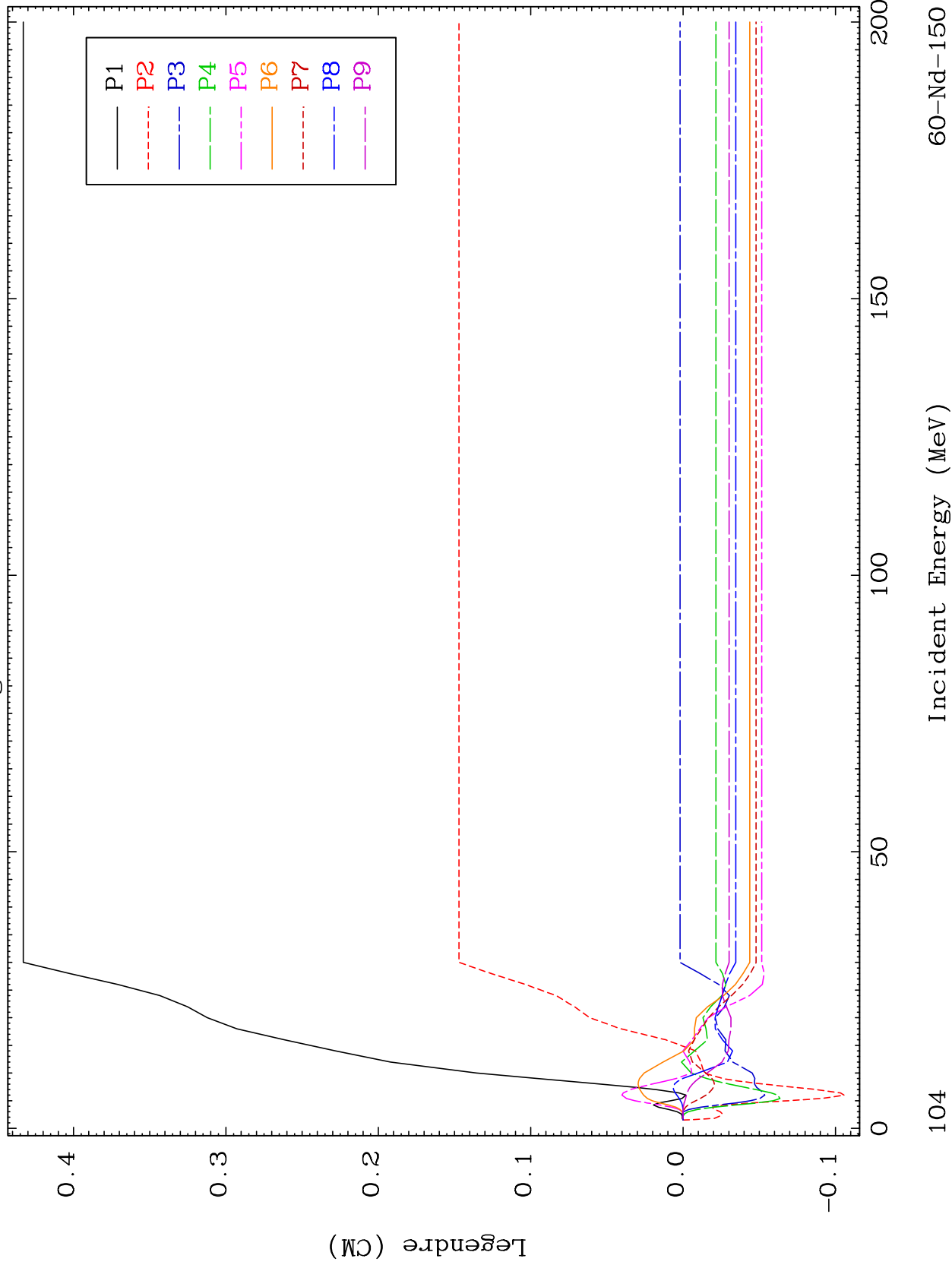




MAT 6049

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

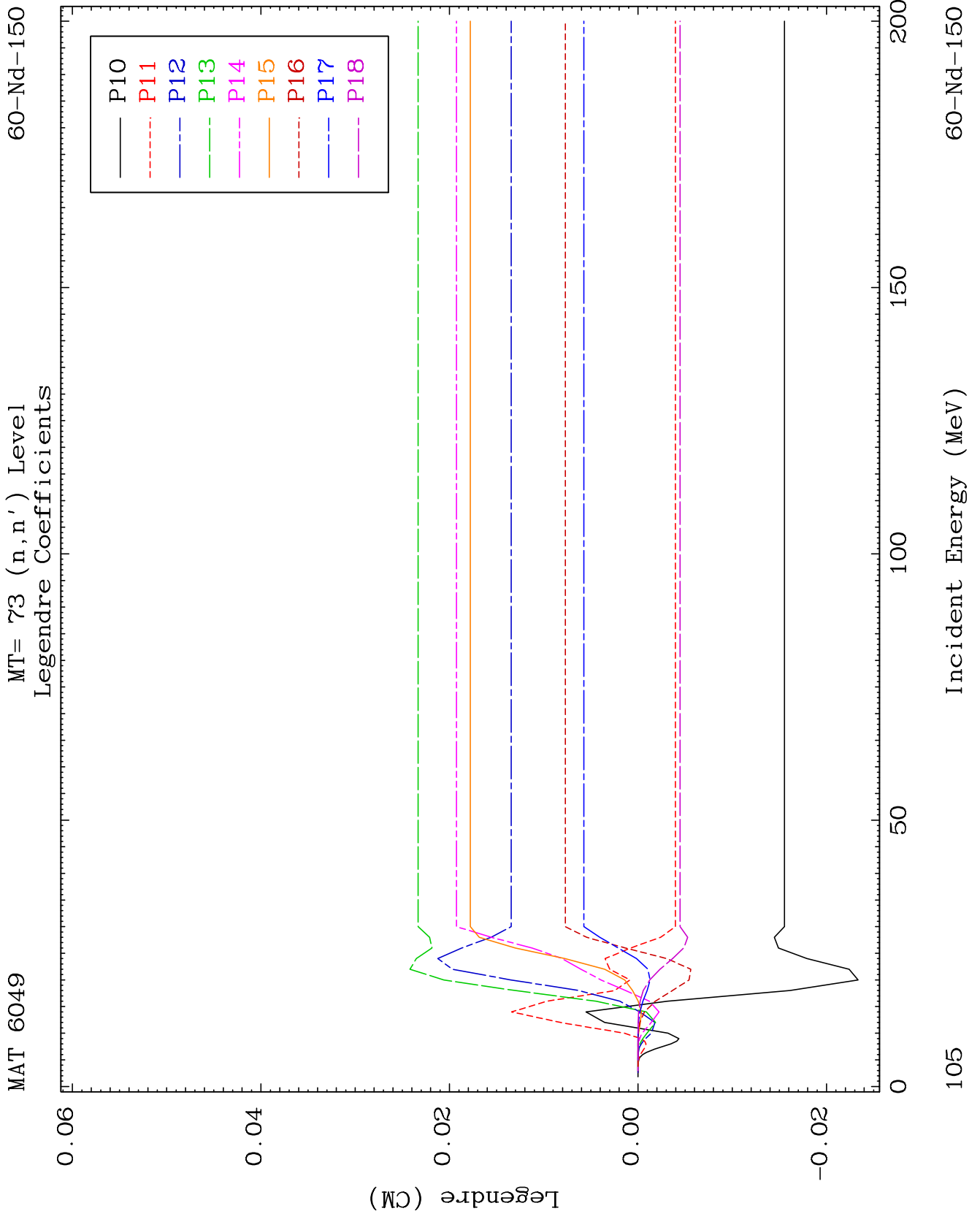
60-Nd-150



60-Nd-150

Incident Energy (MeV)

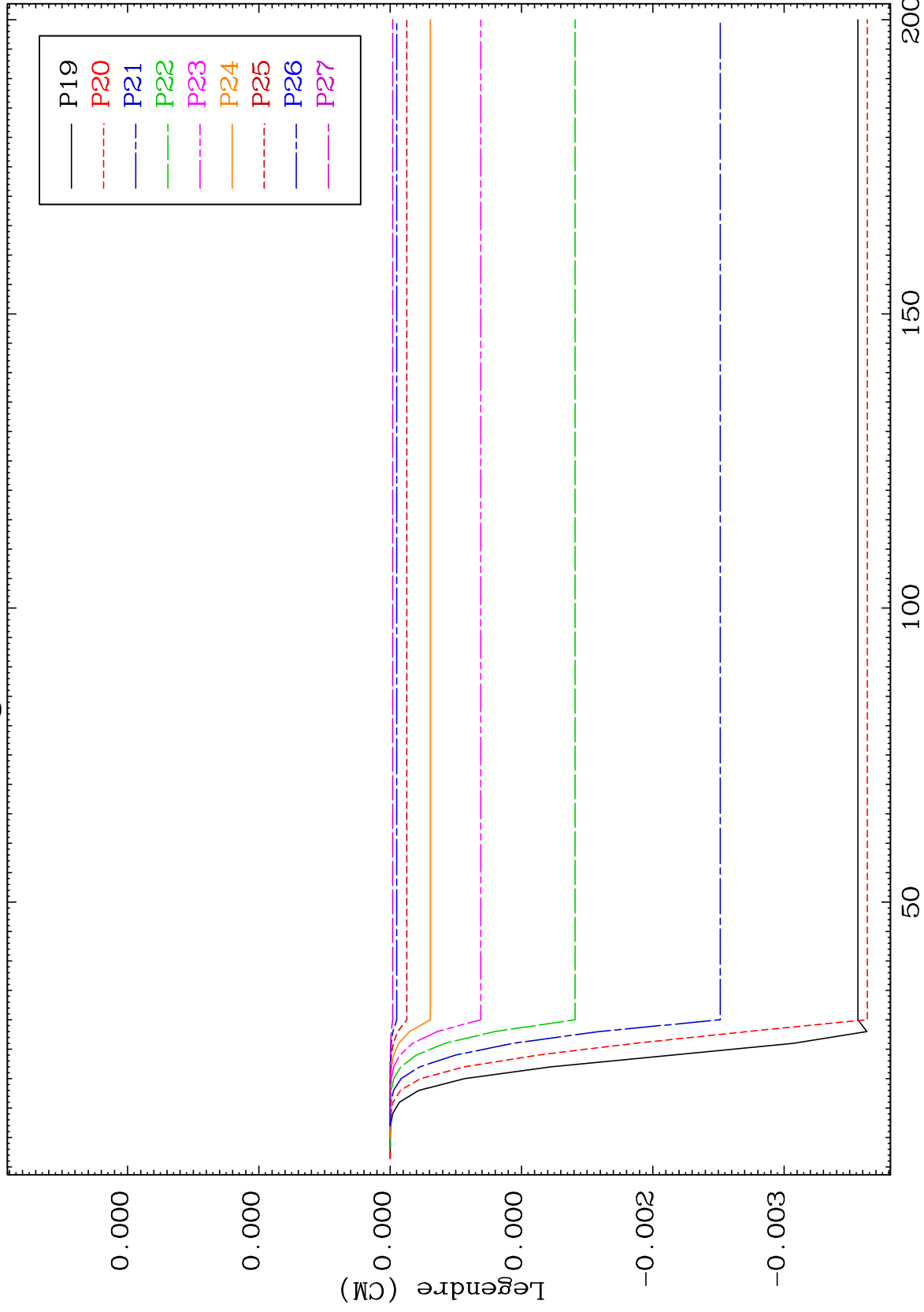
104



MAT 6049

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

60-Nd-150



106

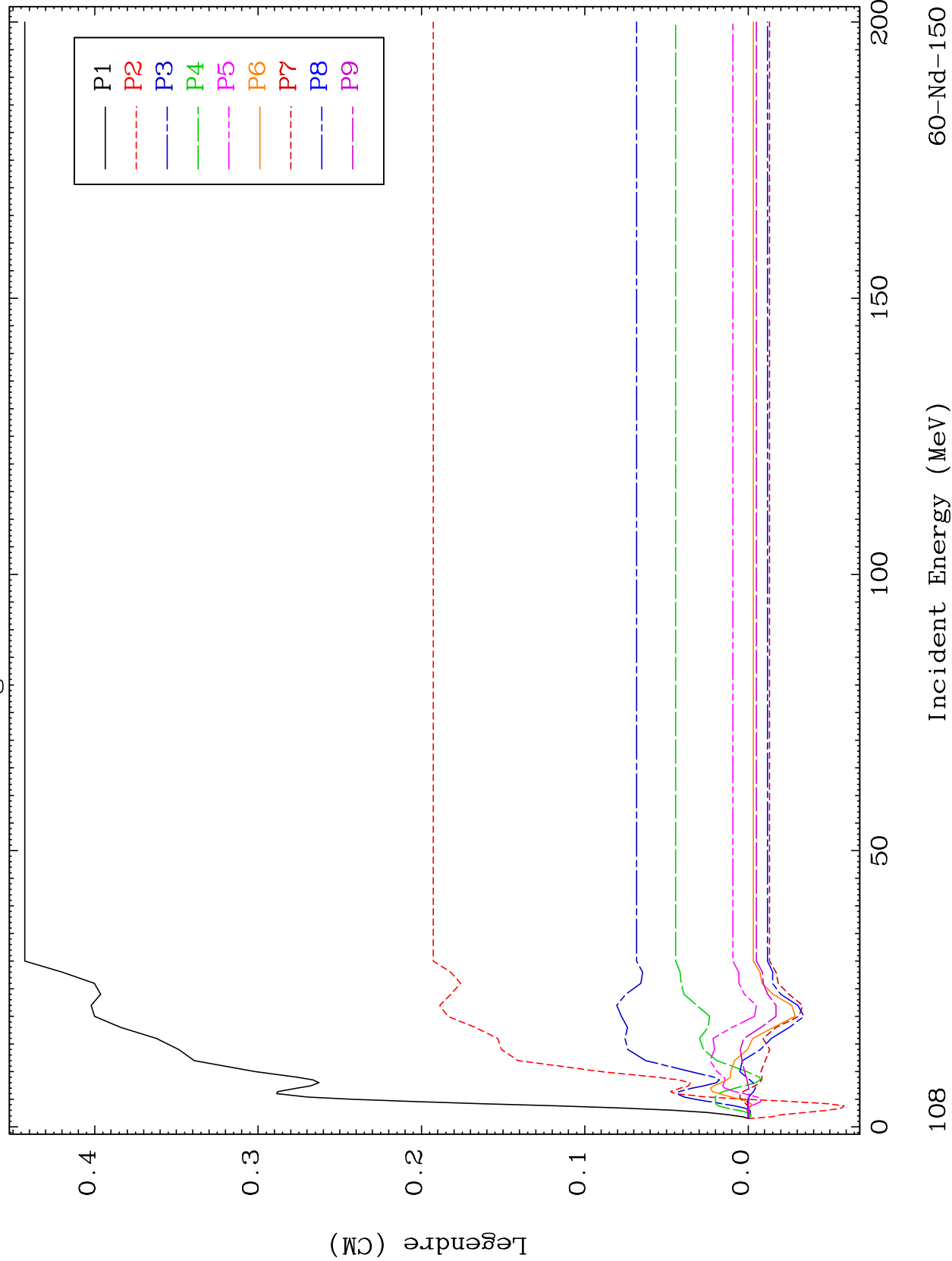
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



60-Nd-150

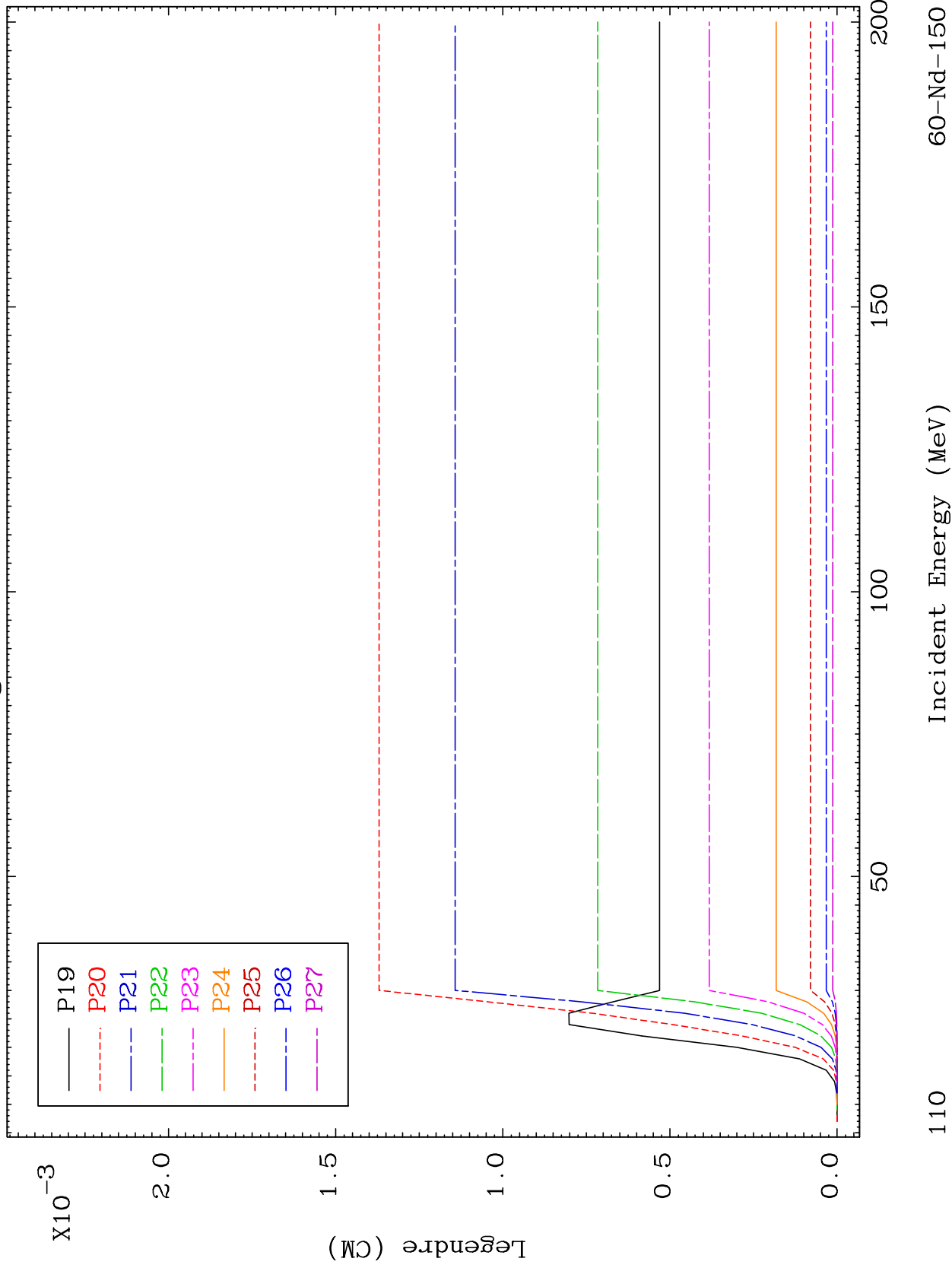
Incident Energy (MeV)

108

MAT 6049

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

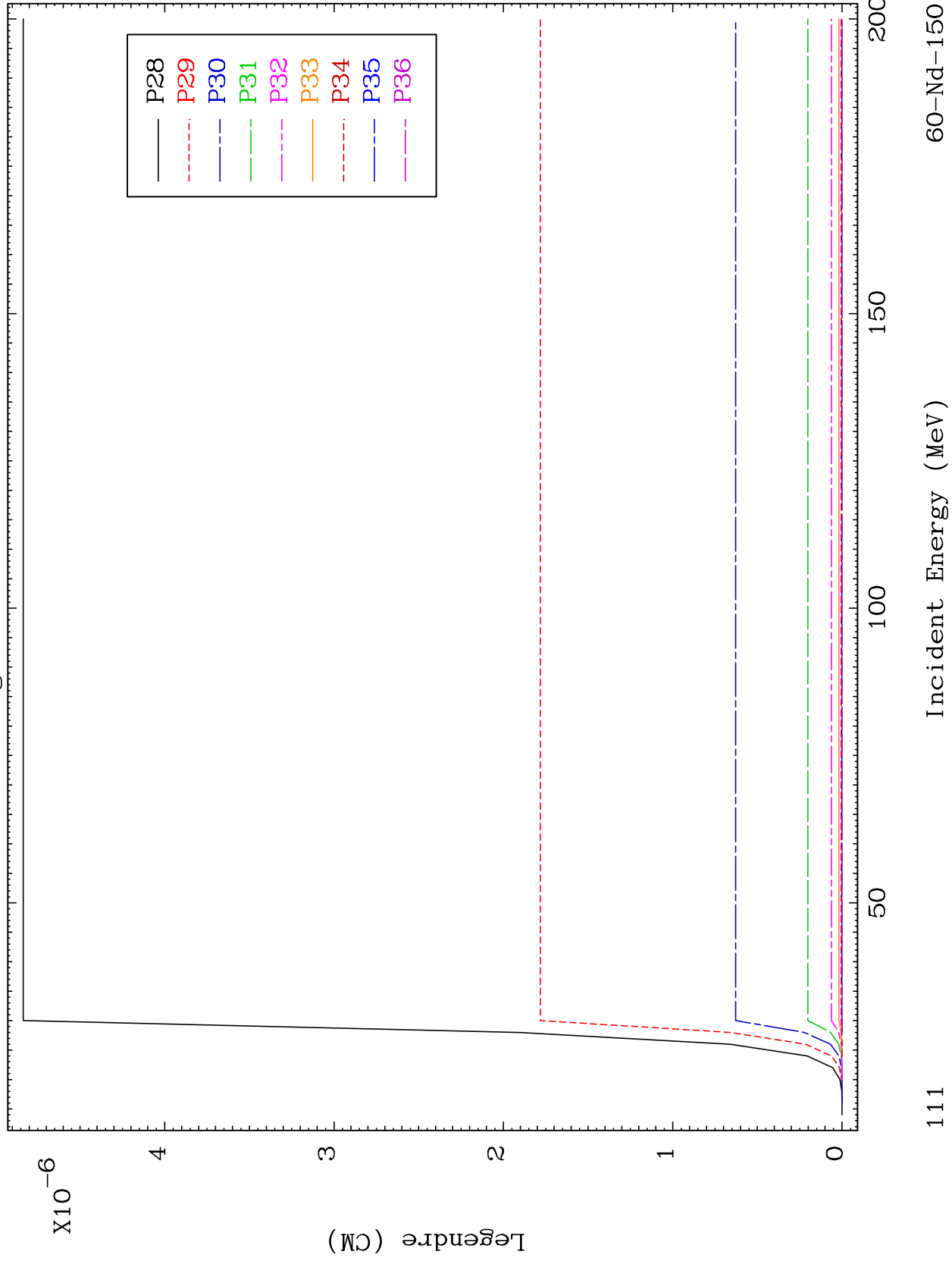
60-Nd-150



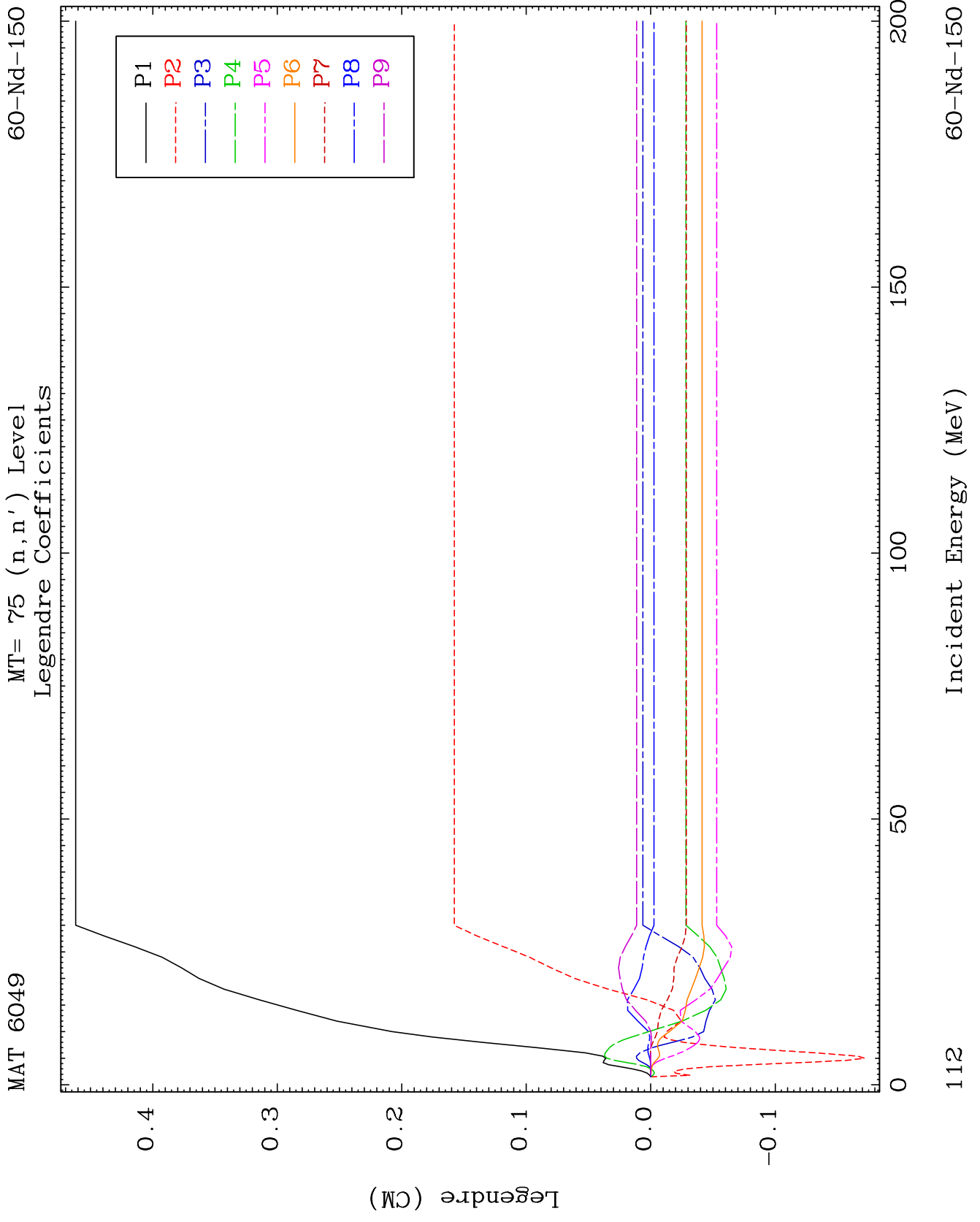
MAT 6049

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

60-Nd-150



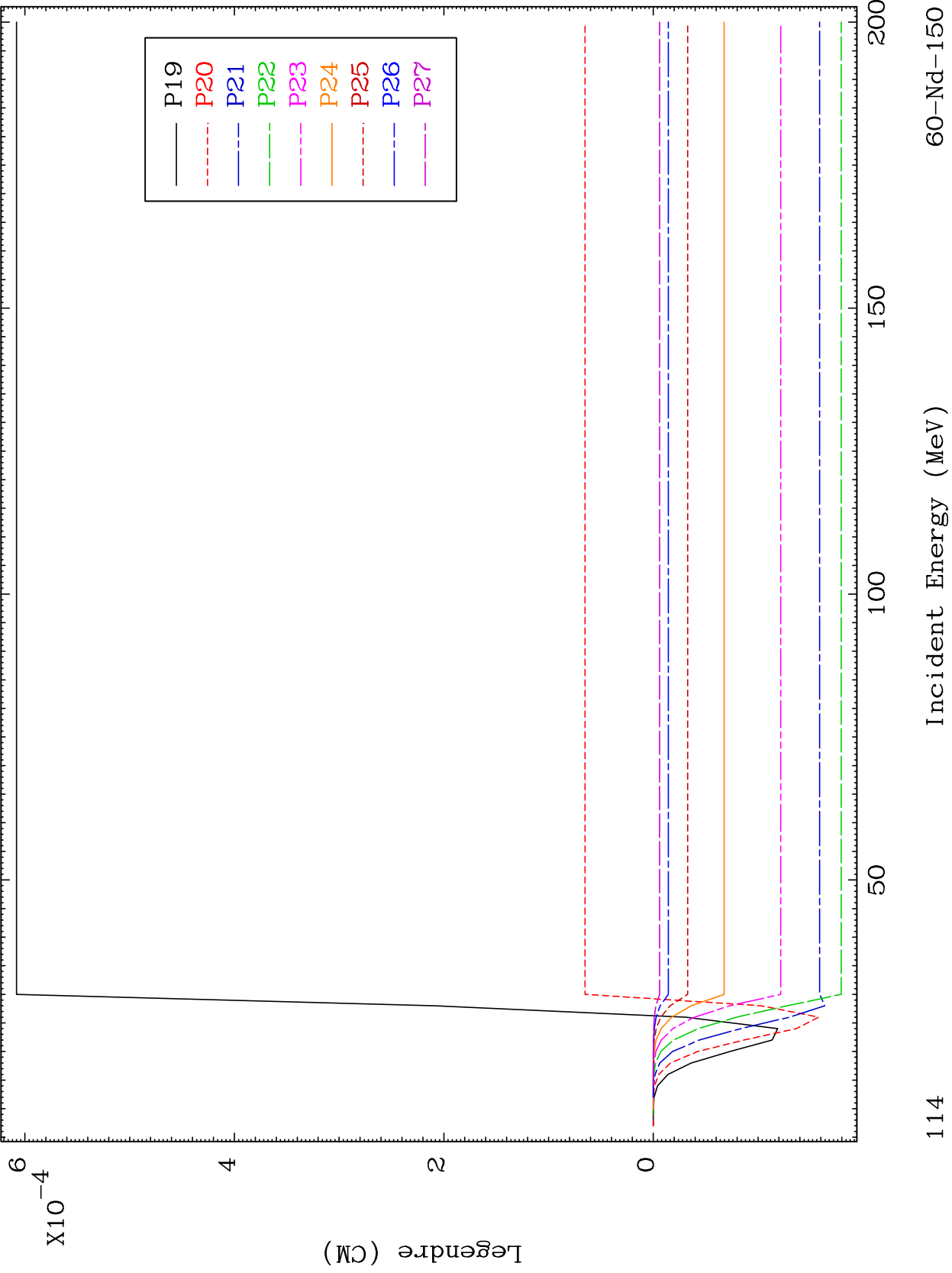
111

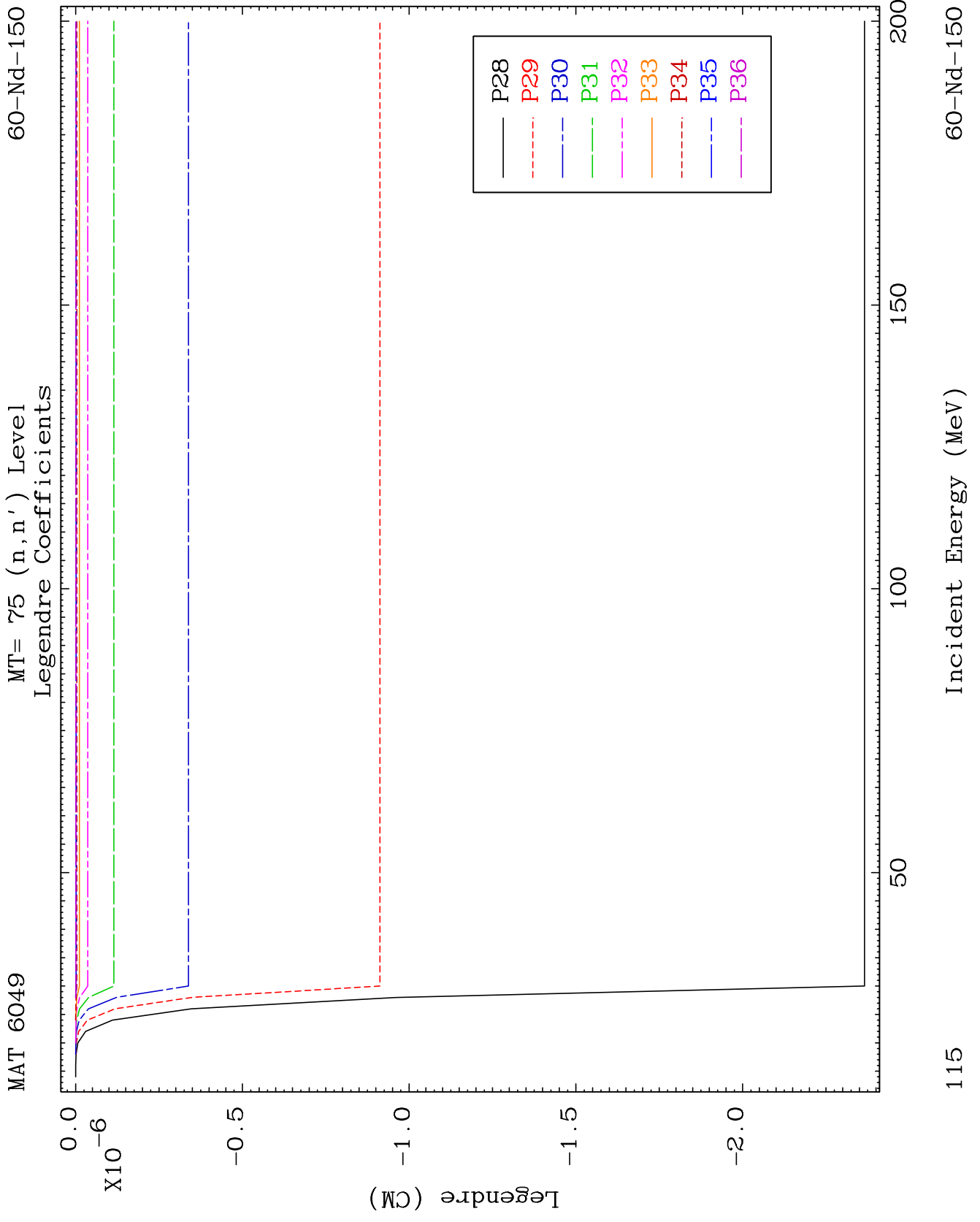


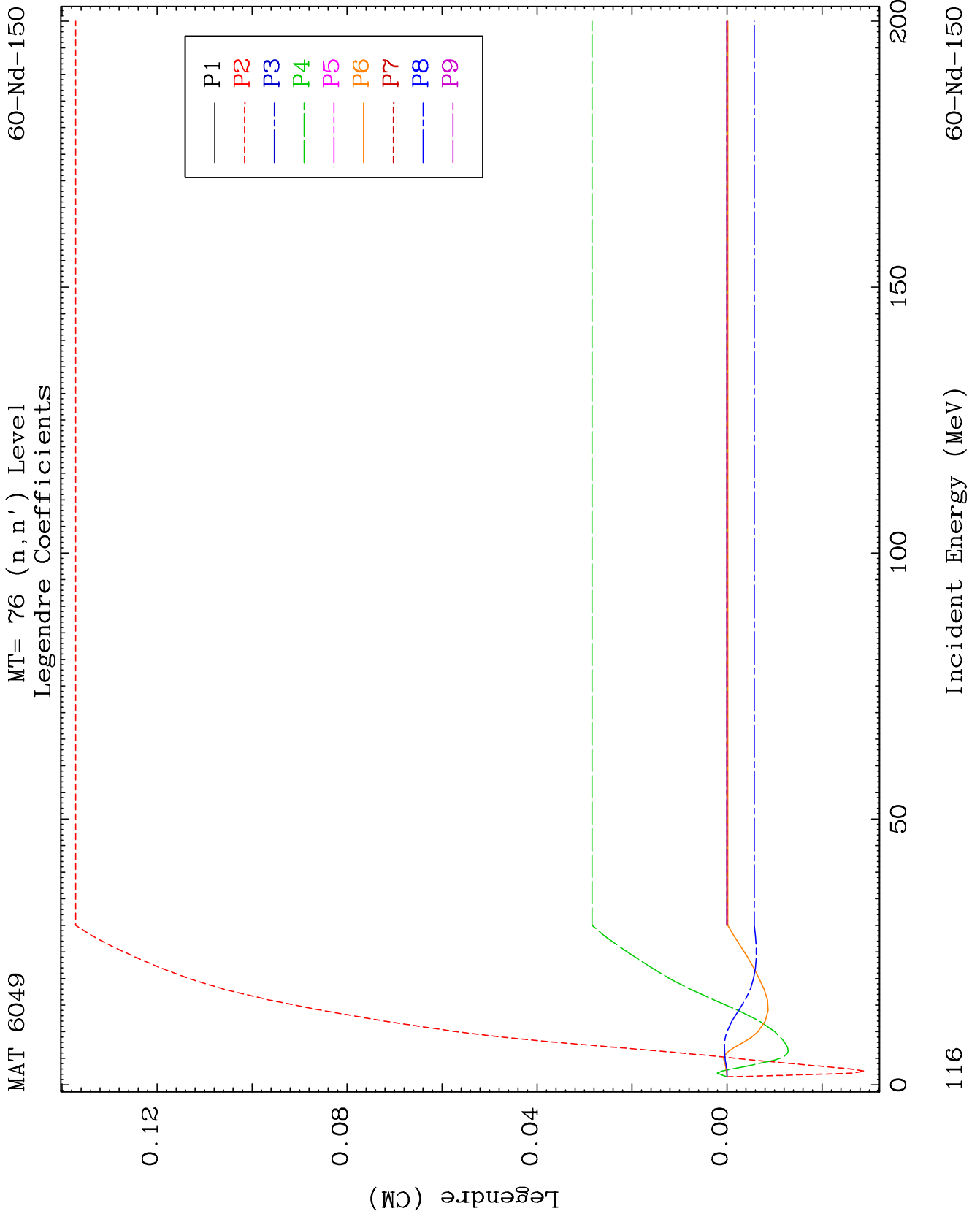
MAT 6049

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

60-Nd-150



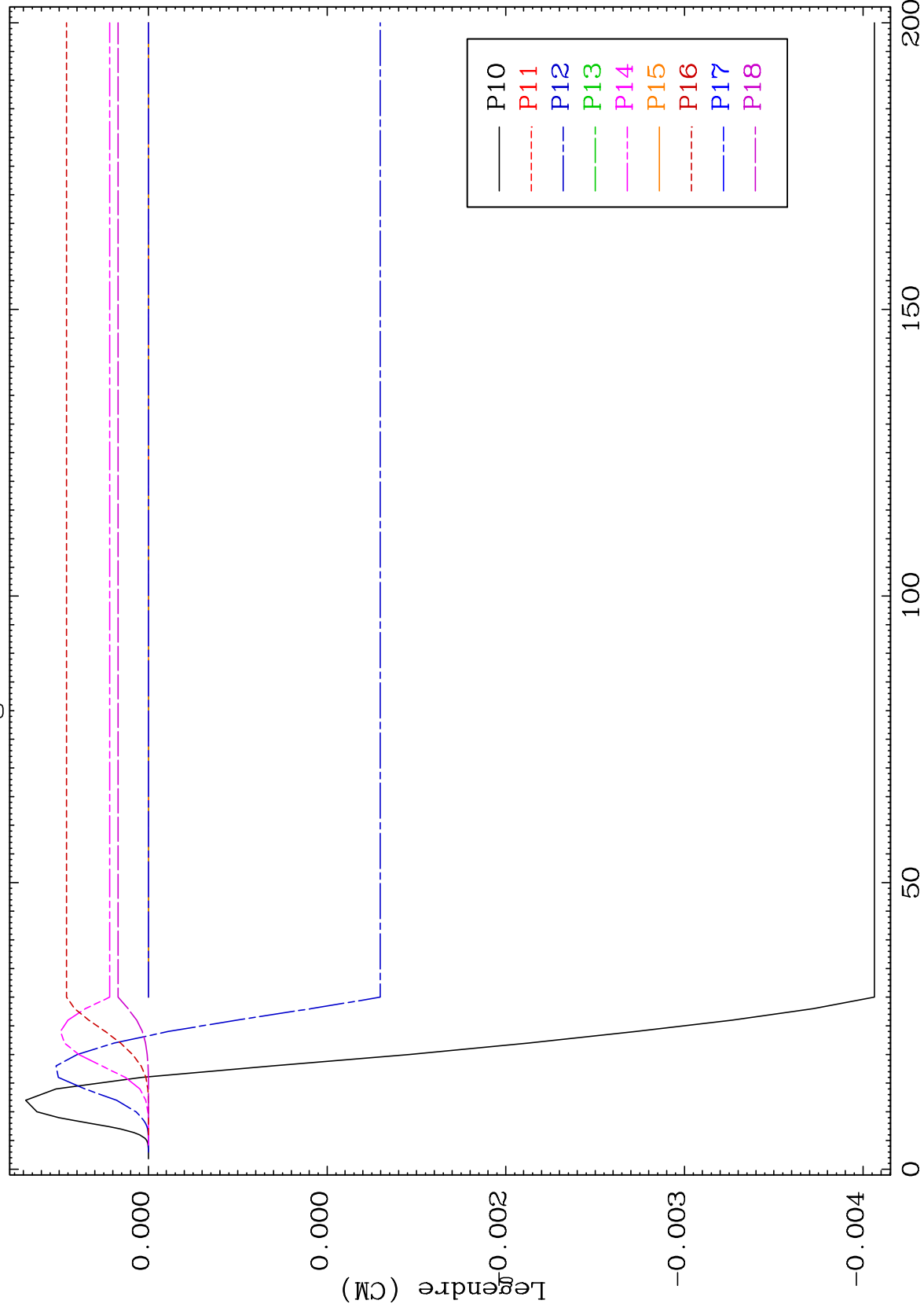




MAT 6049

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

60-Nd-150



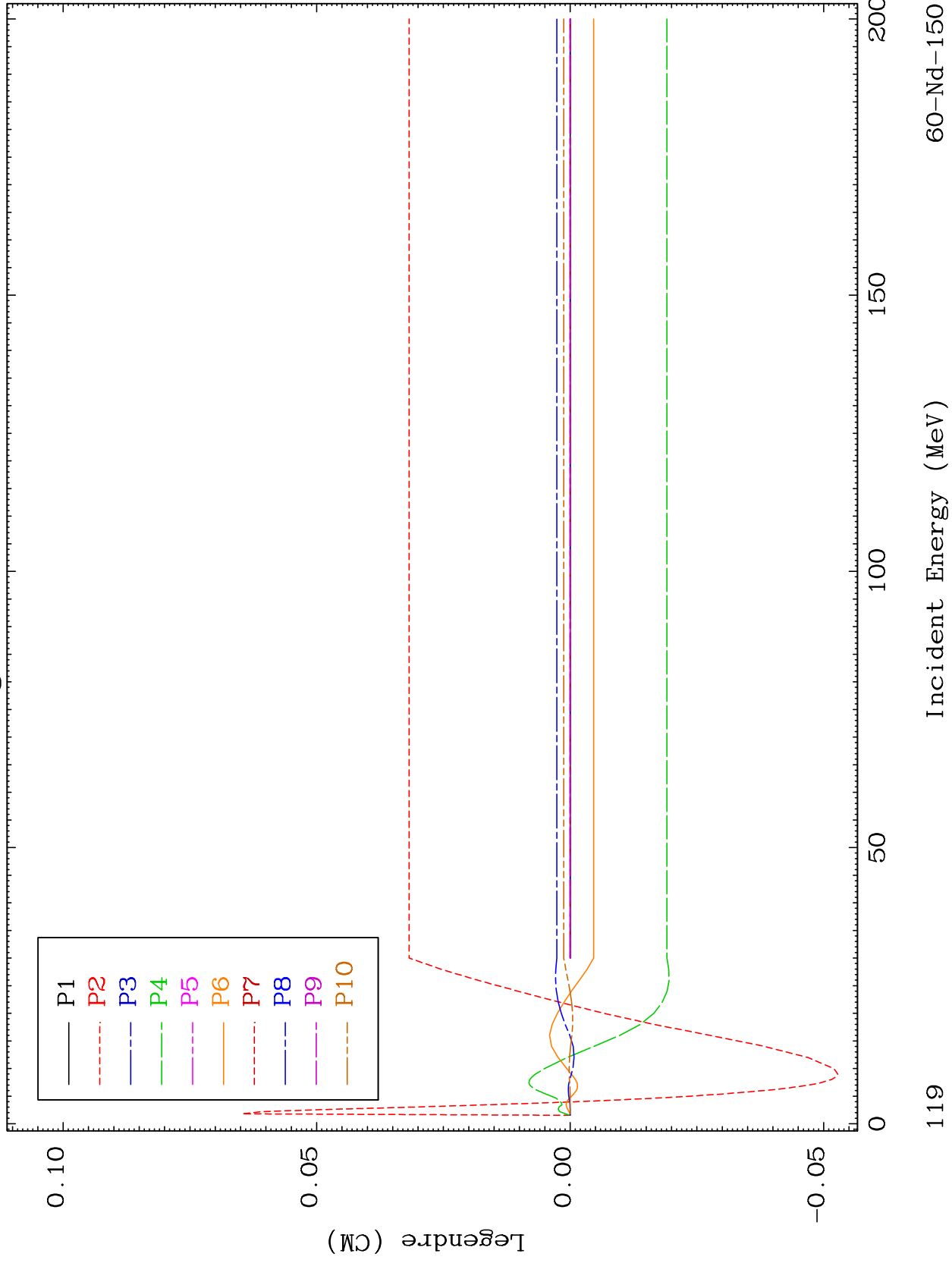
117

60-Nd-150

MAT 6049

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

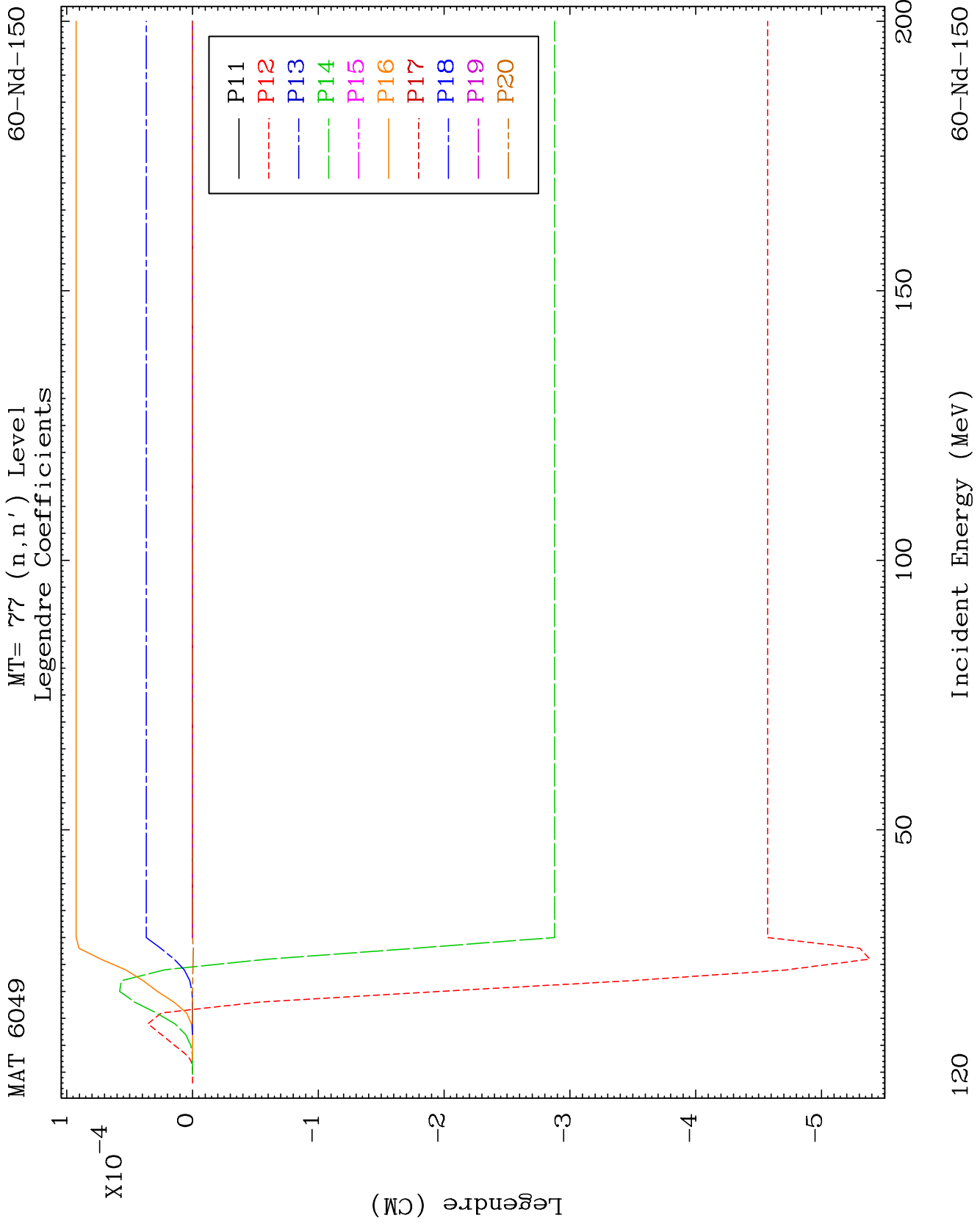
60-Nd-150

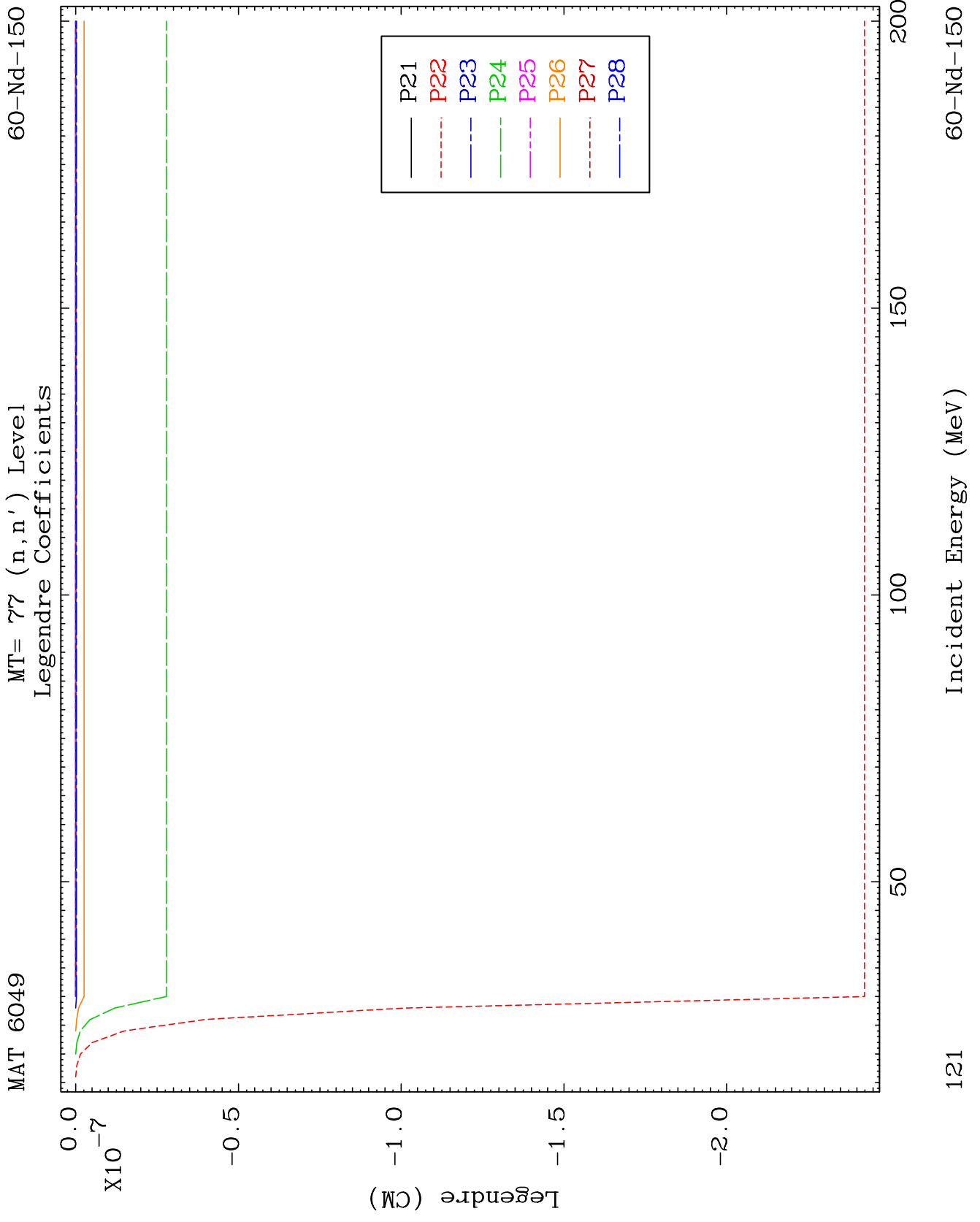


119

Incident Energy (MeV)

60-Nd-150

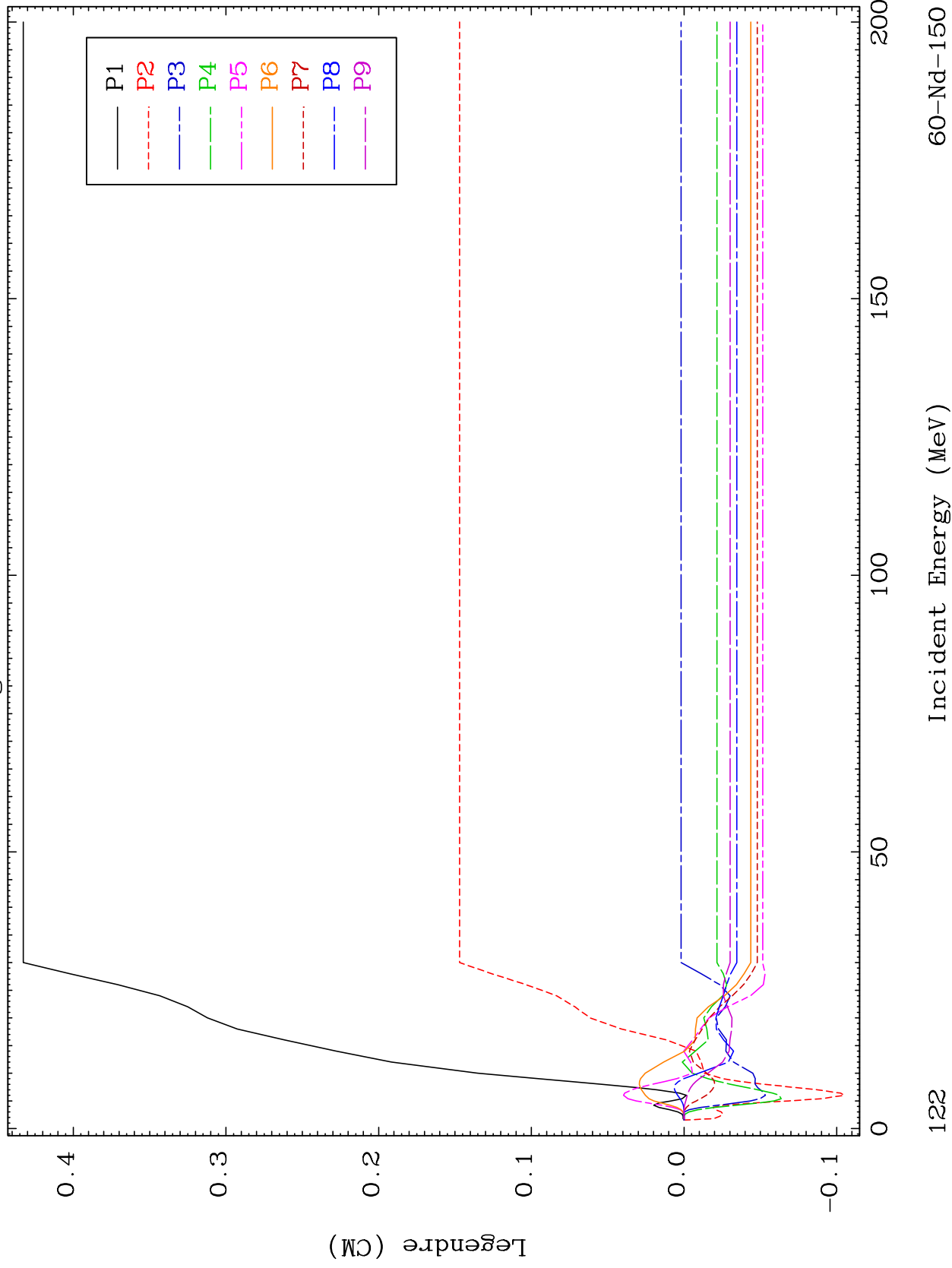




MAT 6049

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

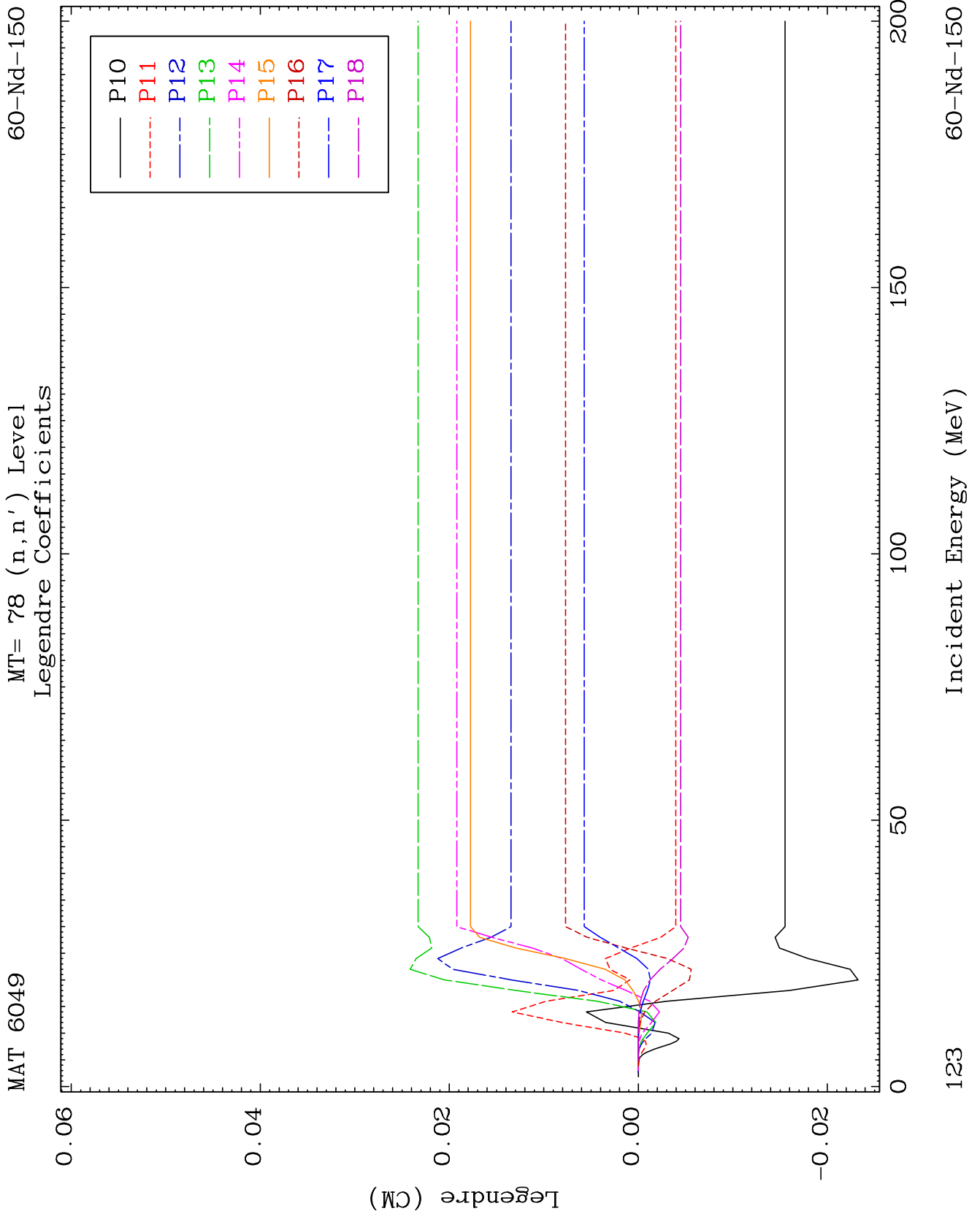
60-Nd-150



60-Nd-150

Incident Energy (MeV)

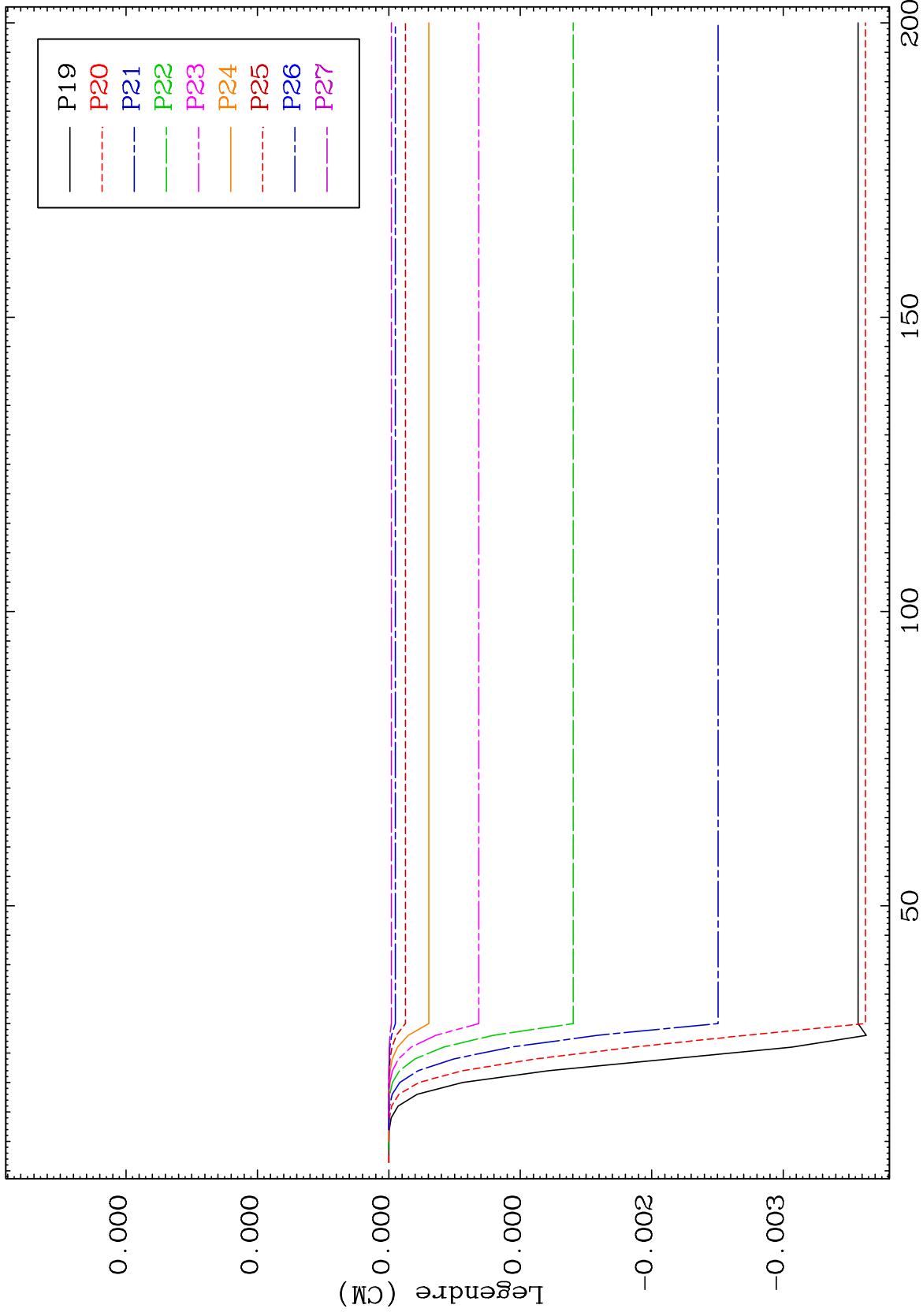
122



MAT 6049

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

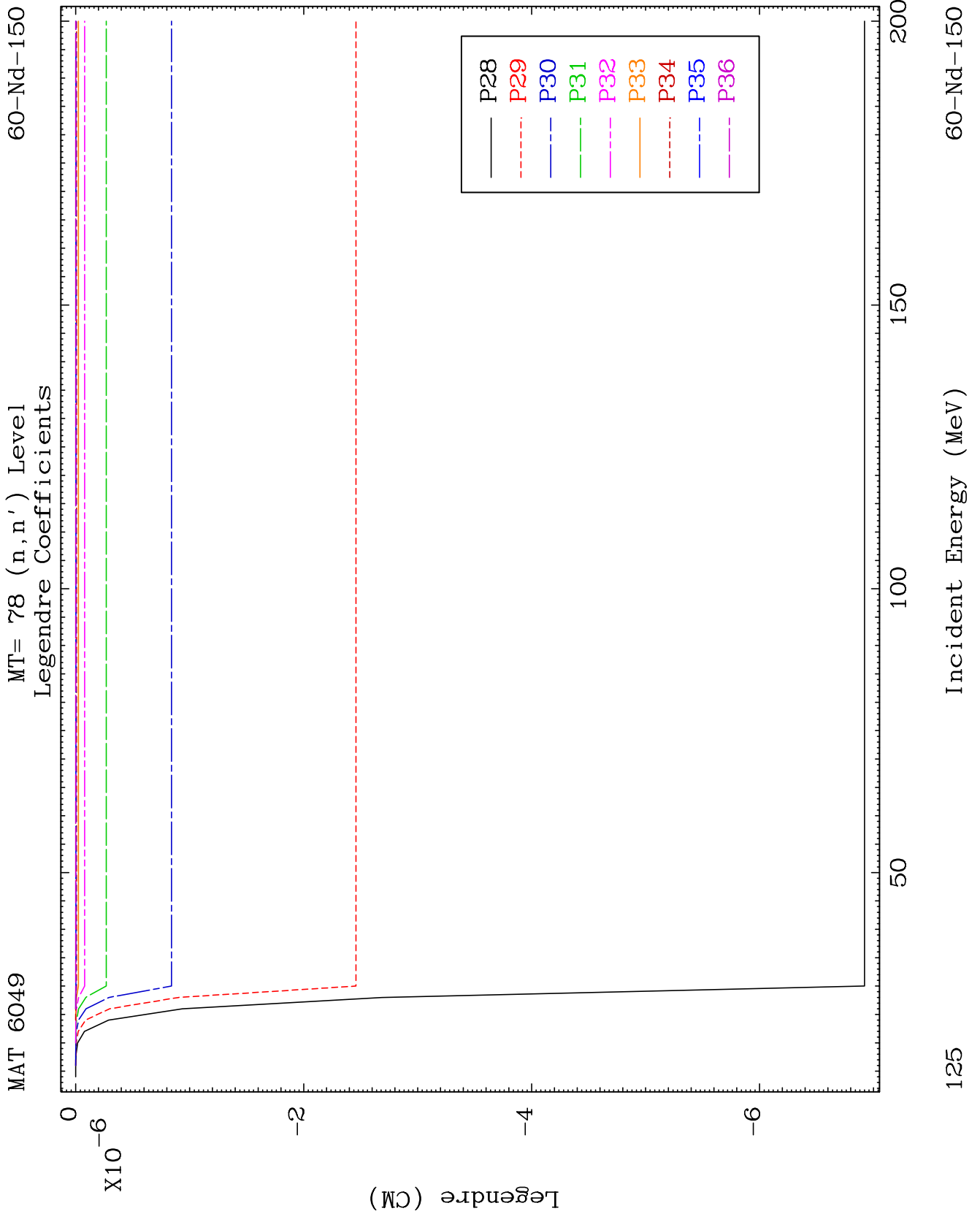
60-Nd-150



124

Incident Energy (MeV)

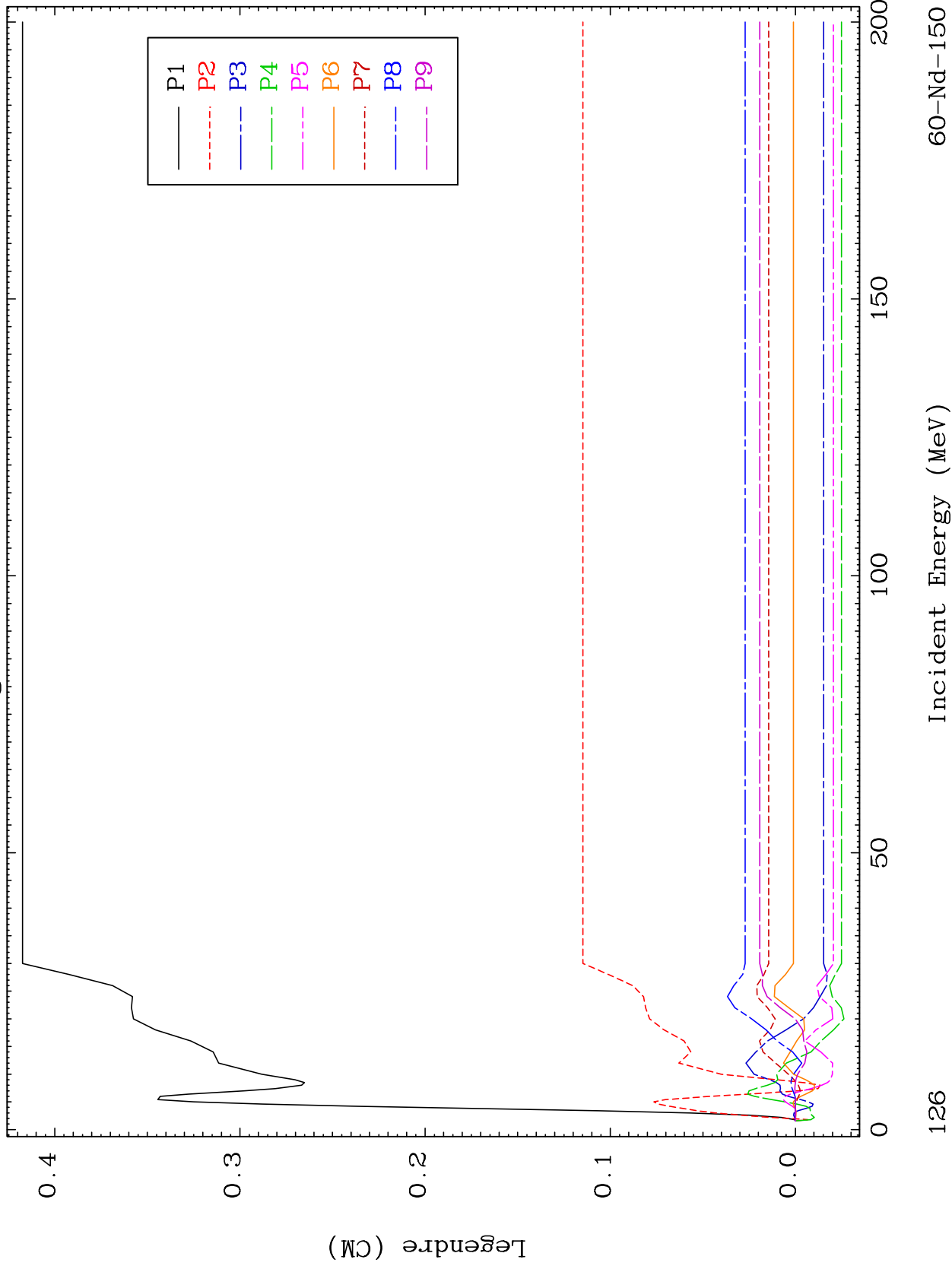
60-Nd-150



MAT 6049

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

60-Nd-150



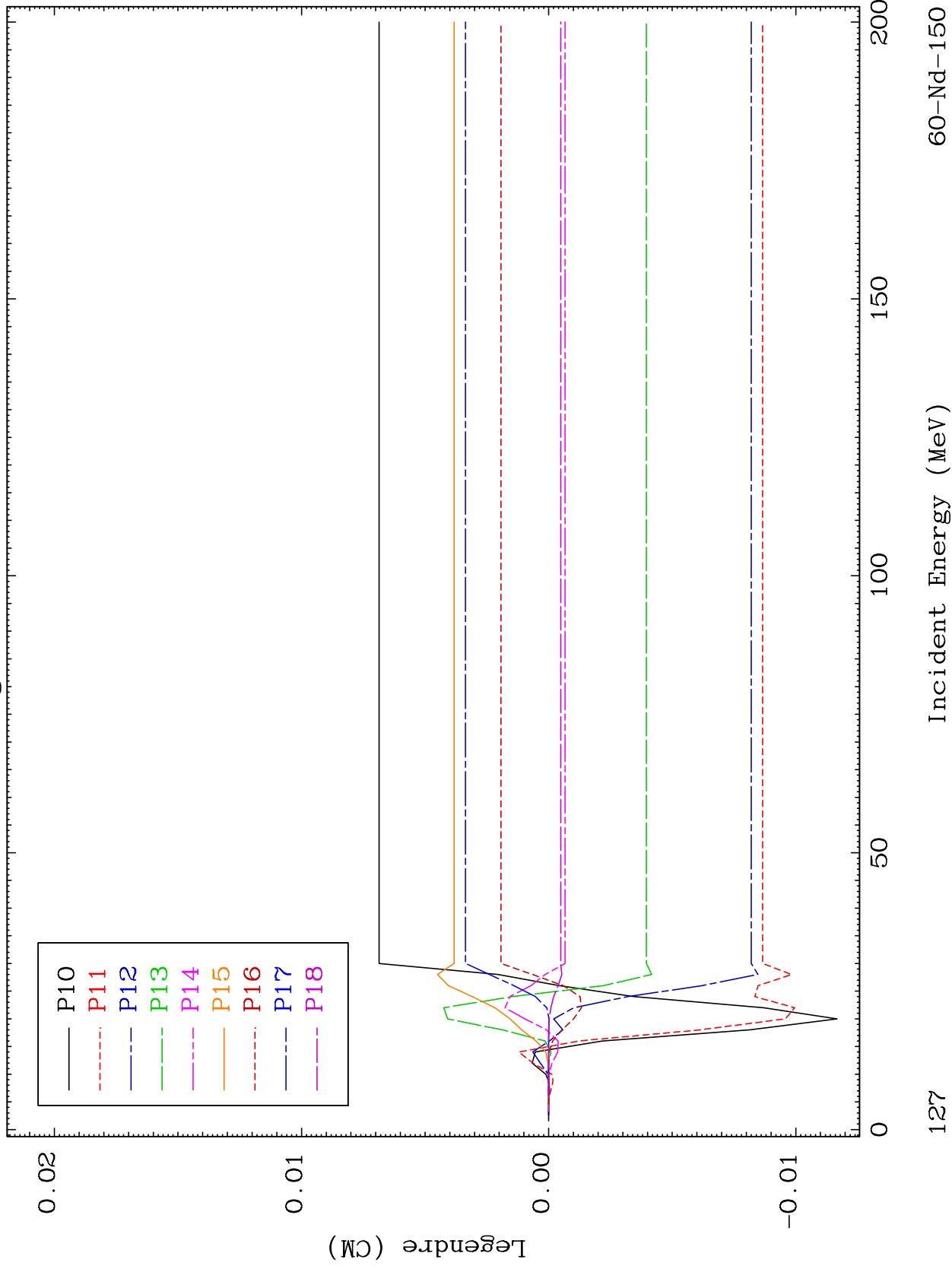
126

60-Nd-150

MAT 6049

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

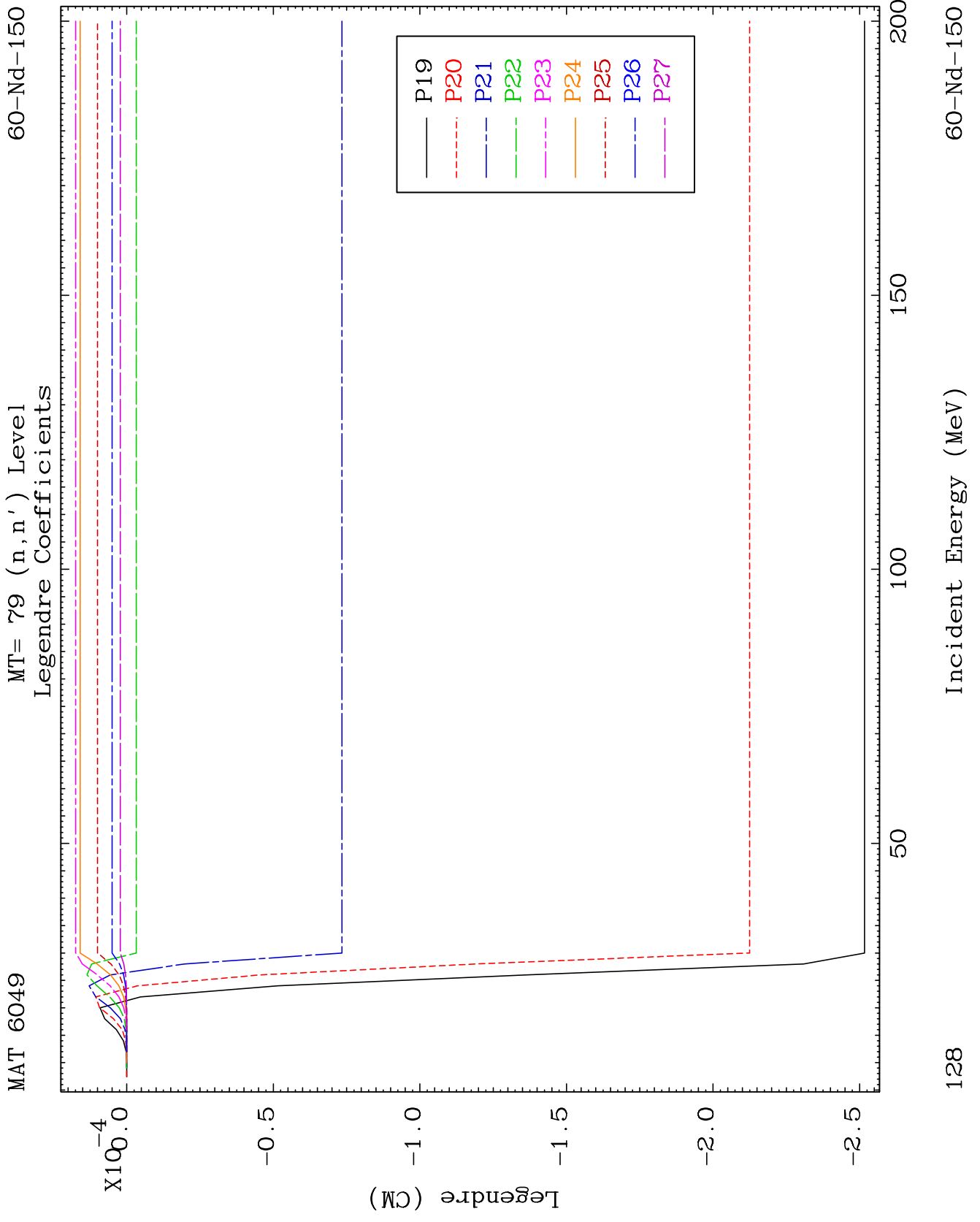
60-Nd-150

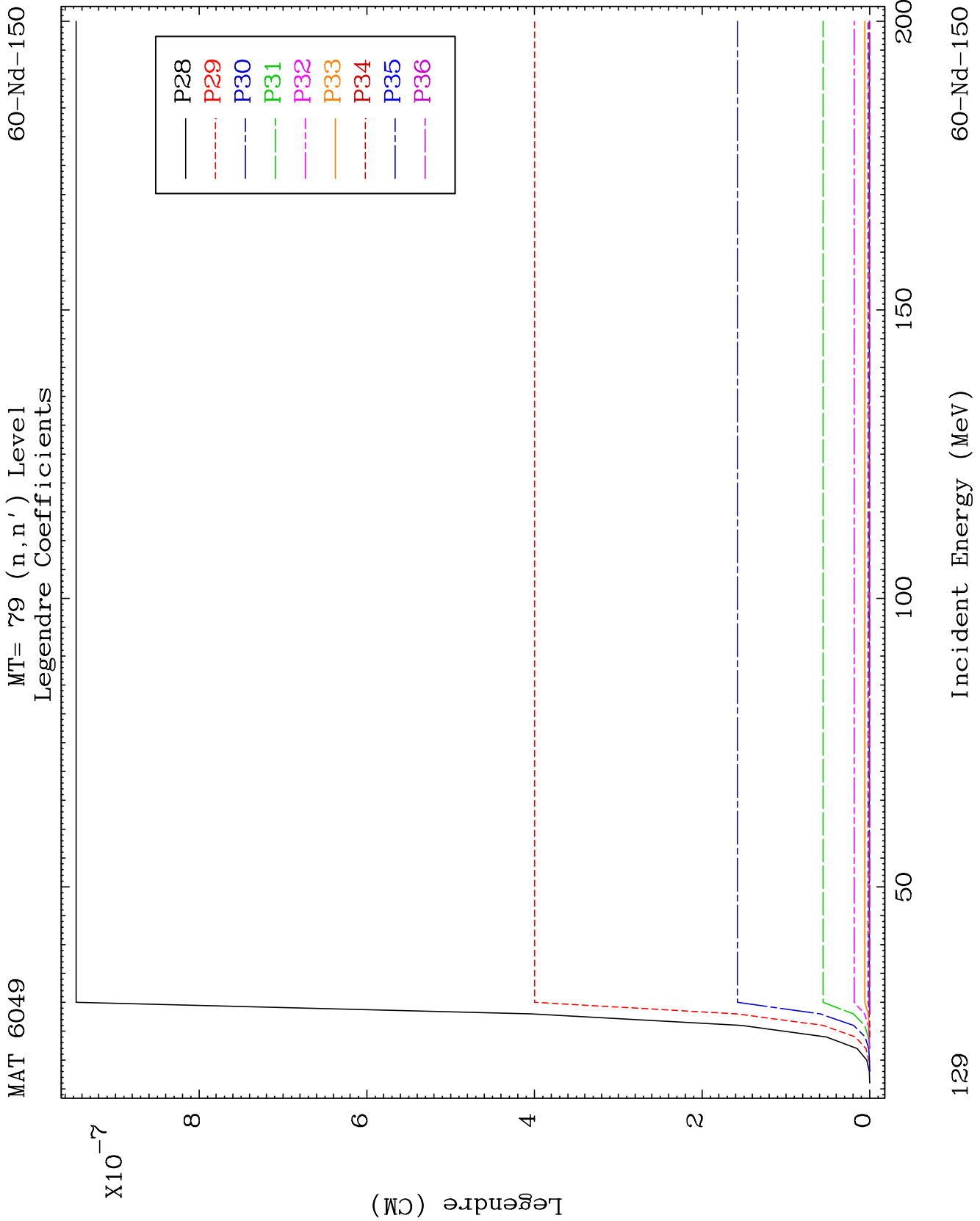


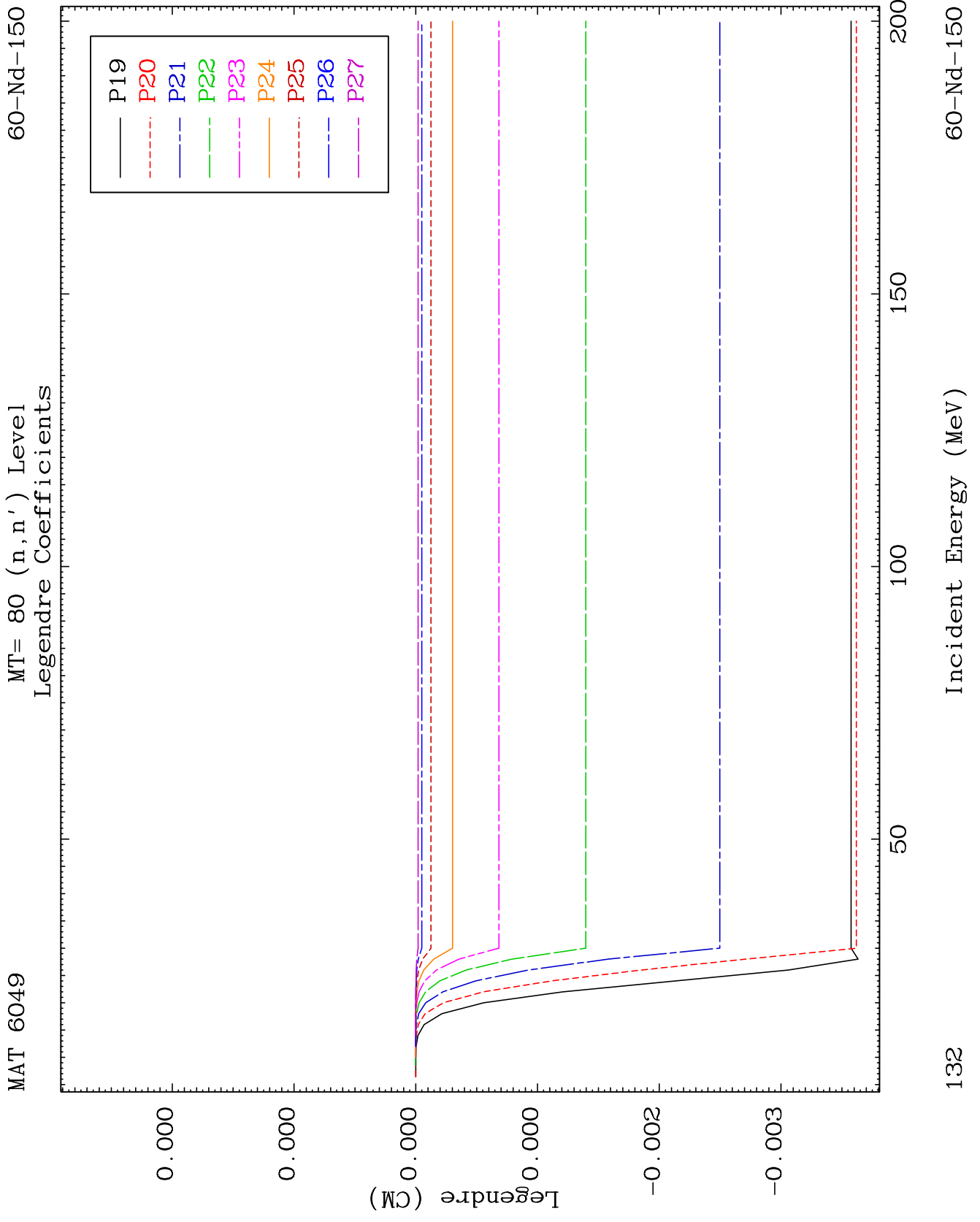
127

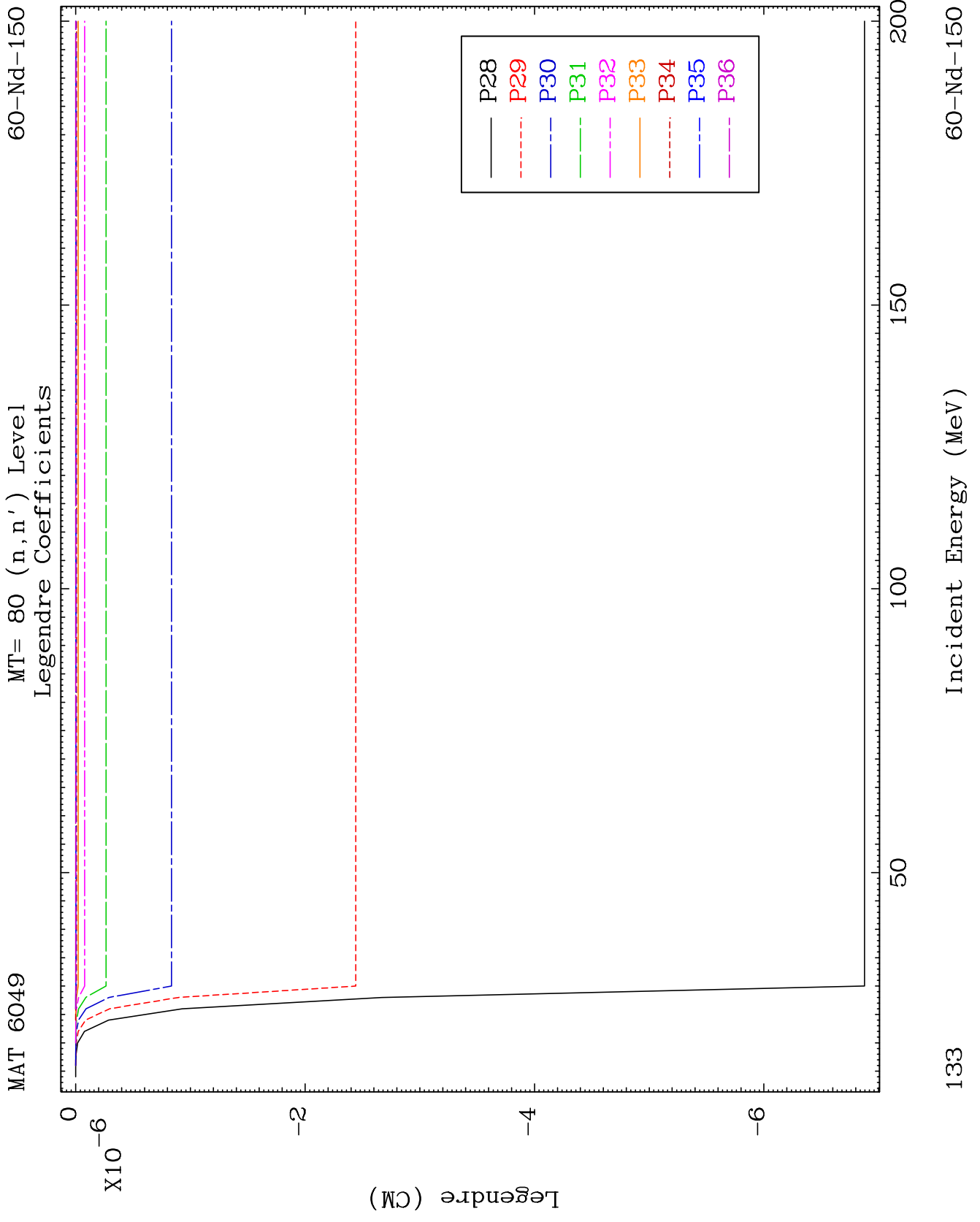
Incident Energy (MeV)

60-Nd-150







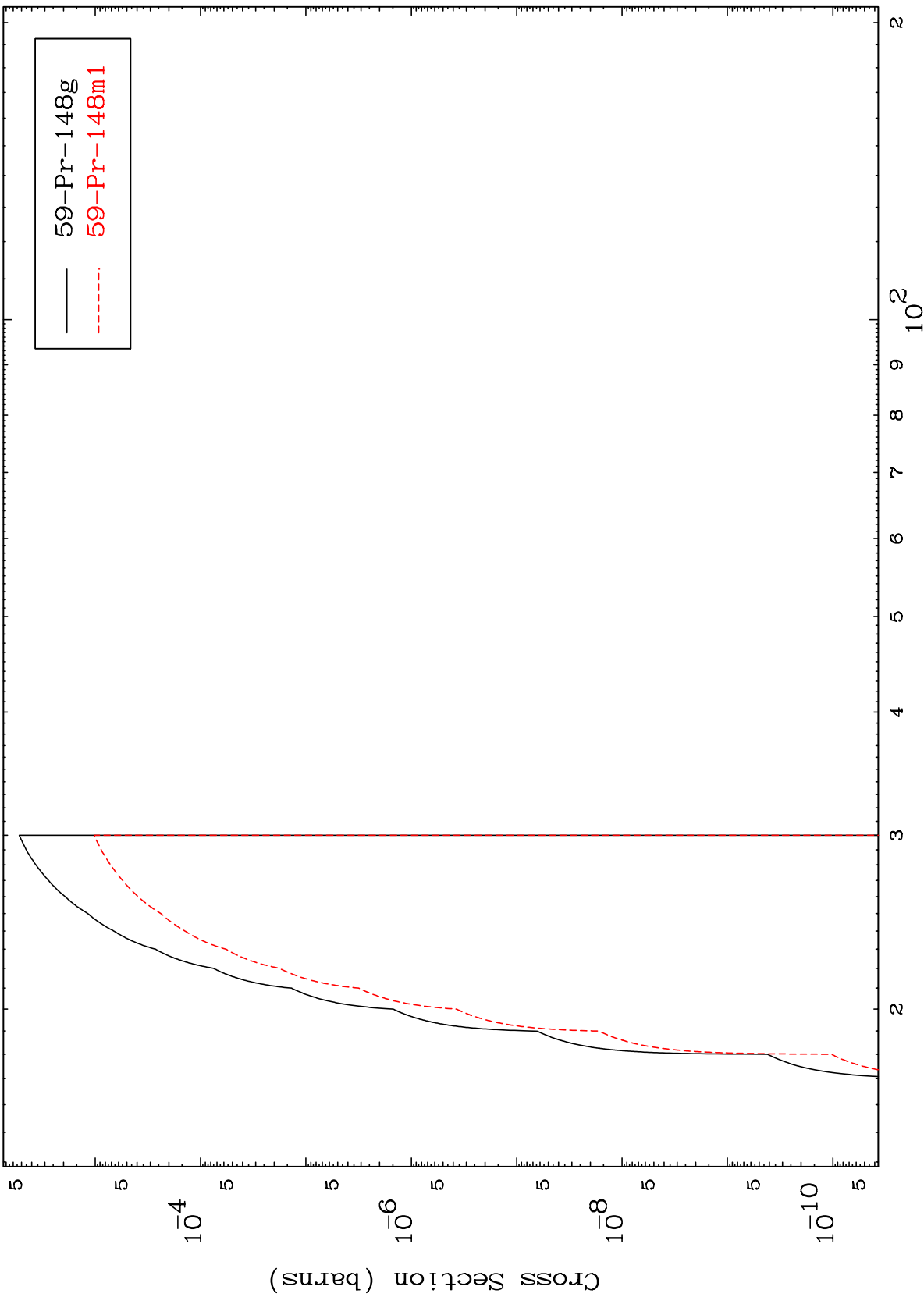


MAT 6049

(n,n') d

60-Nd-150

Radionuclide Production Cross Section



134

Incident Energy (MeV)

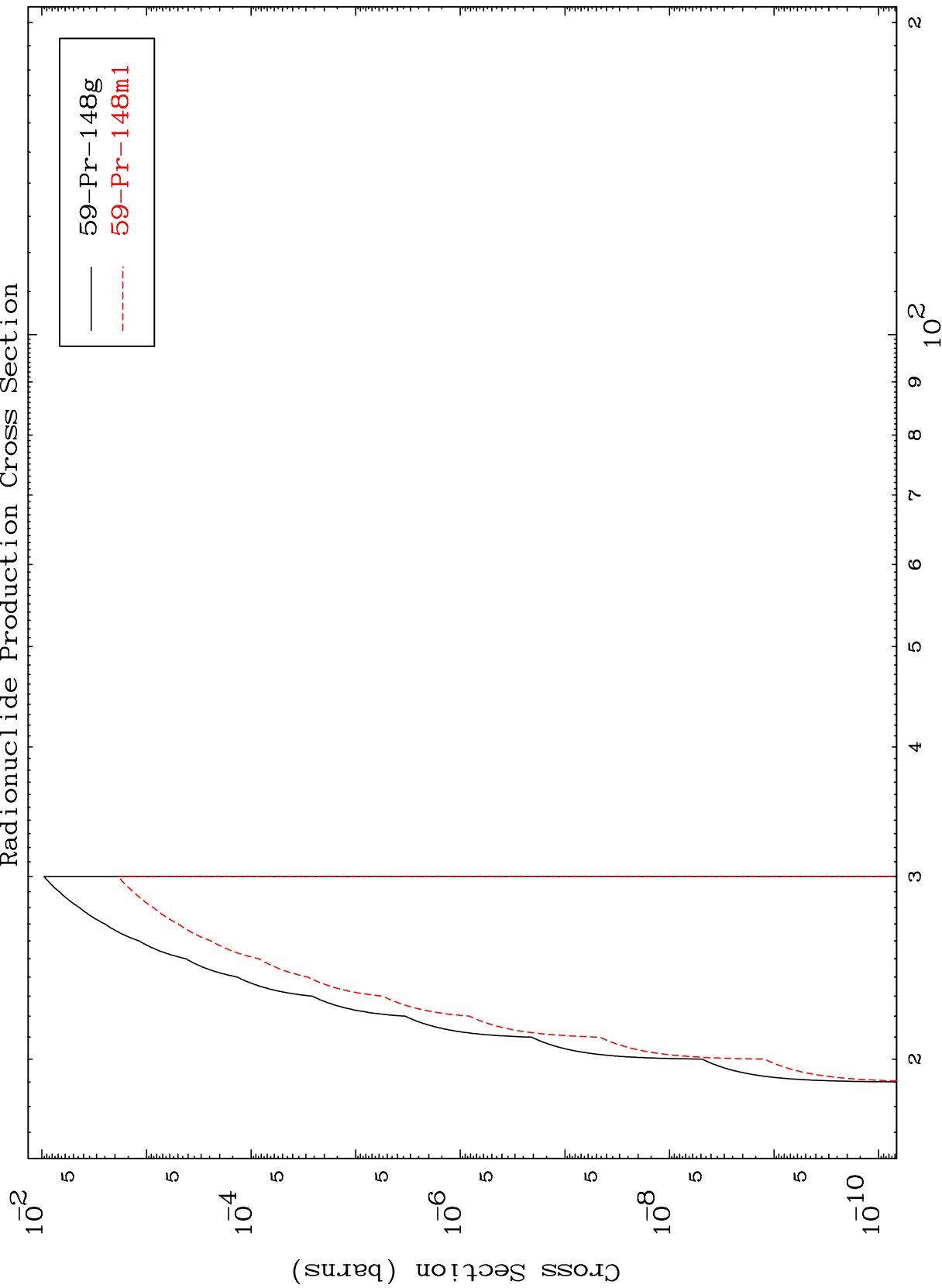
60-Nd-150

MAT 6049

(n,2n) p

60-Nd-150

Radionuclide Production Cross Section



135

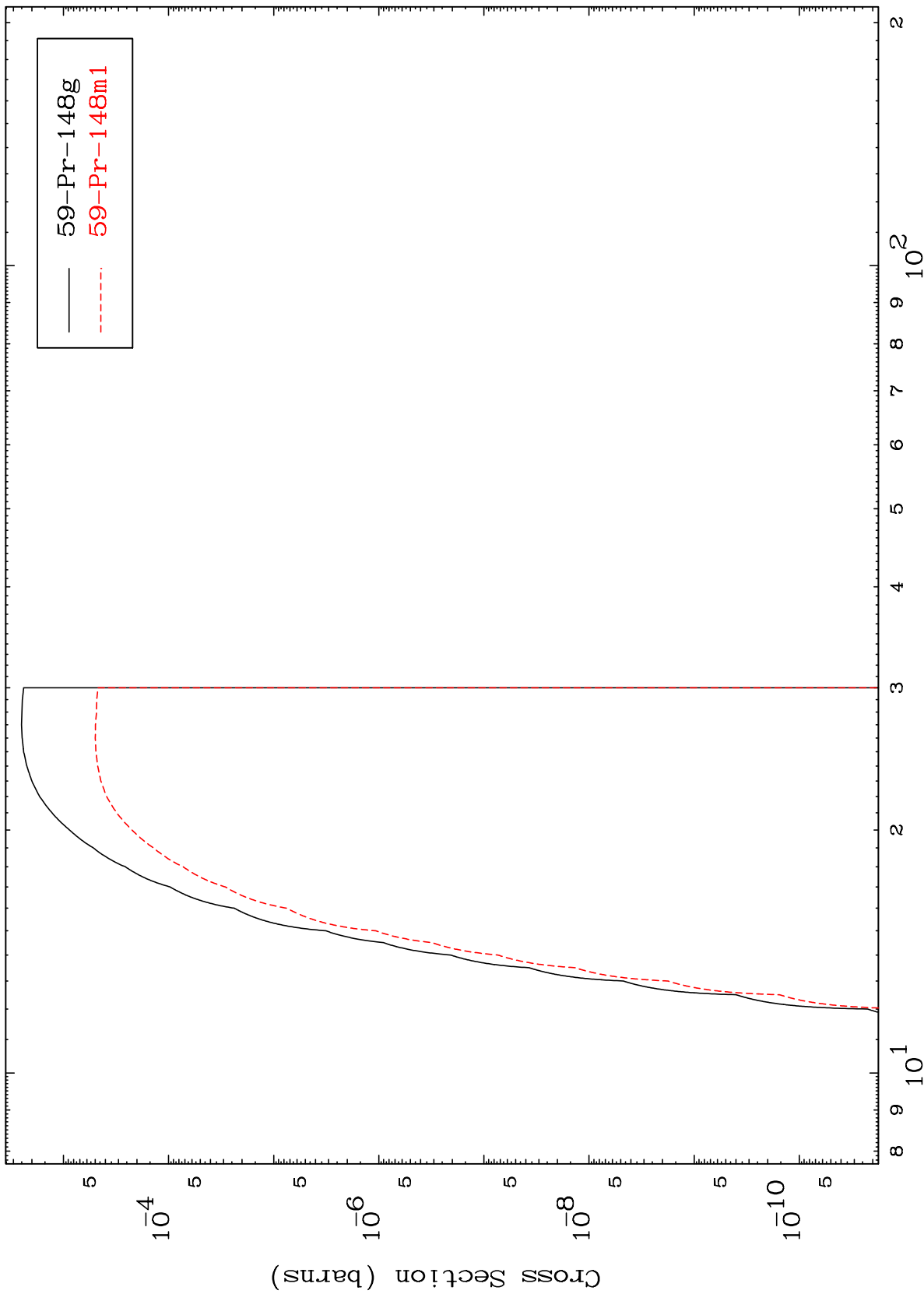
Incident Energy (MeV)

60-Nd-150

MAT 6049

60-Nd-150

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

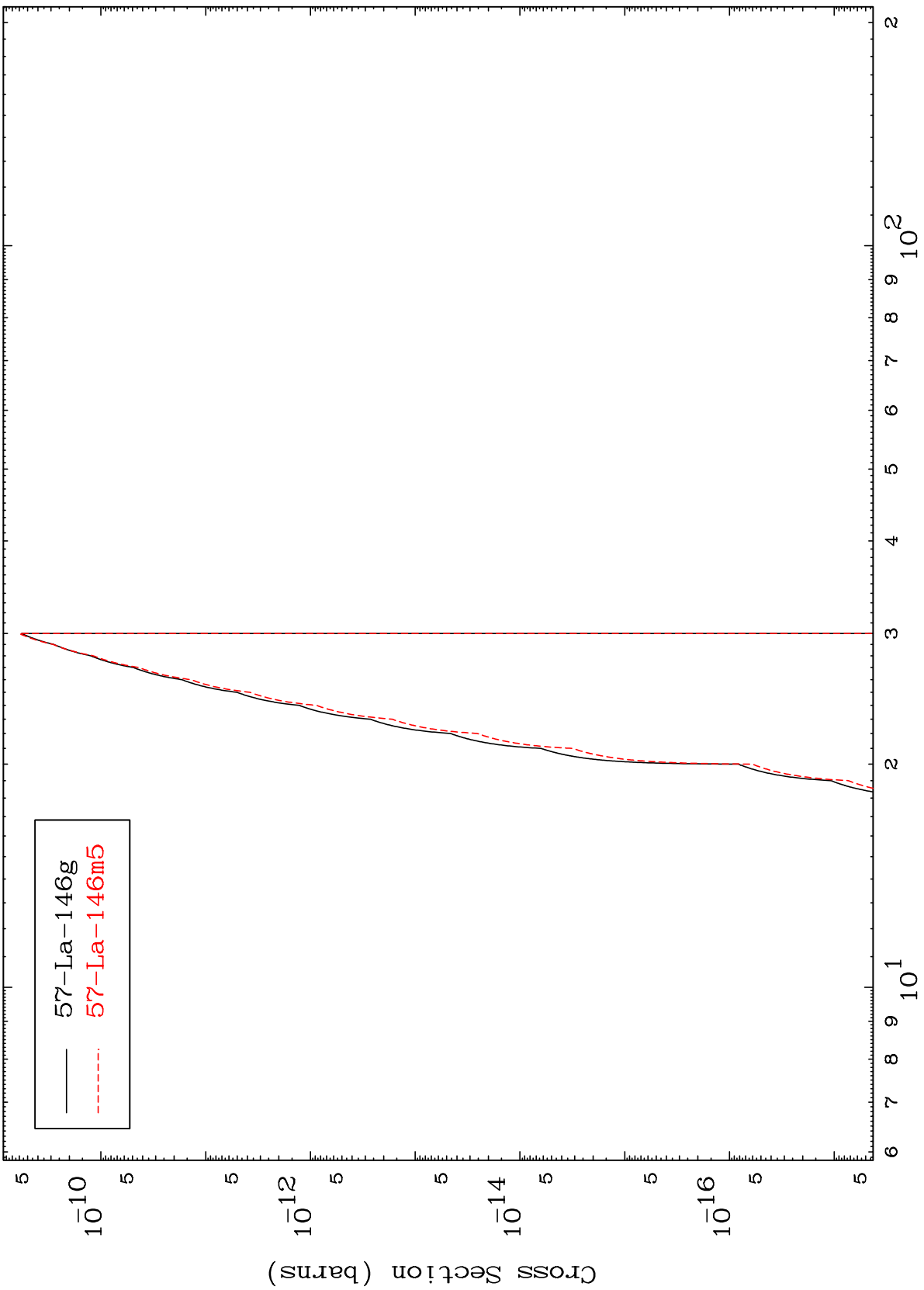
60-Nd-150

MAT 6049

(n,p) α

60-Nd-150

Radionuclide Production Cross Section



57-La-146g
57-La-146m5

137

Incident Energy (MeV)

60-Nd-150