

Program EVALPLOT
(Version 2017-1)

by

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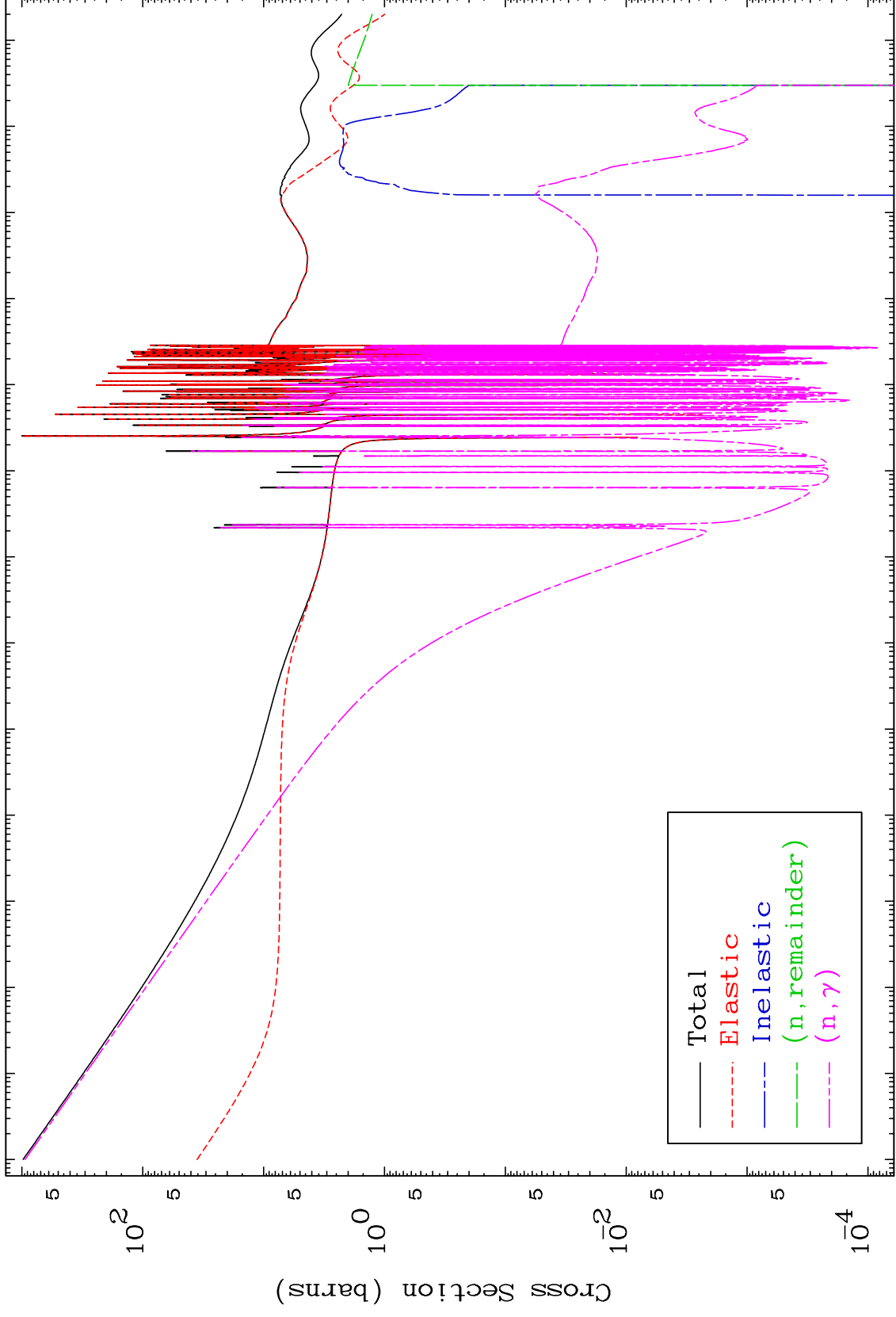
Press Mouse Button to Start

MAT 6025

Major

293 Kelvin Cross Sections

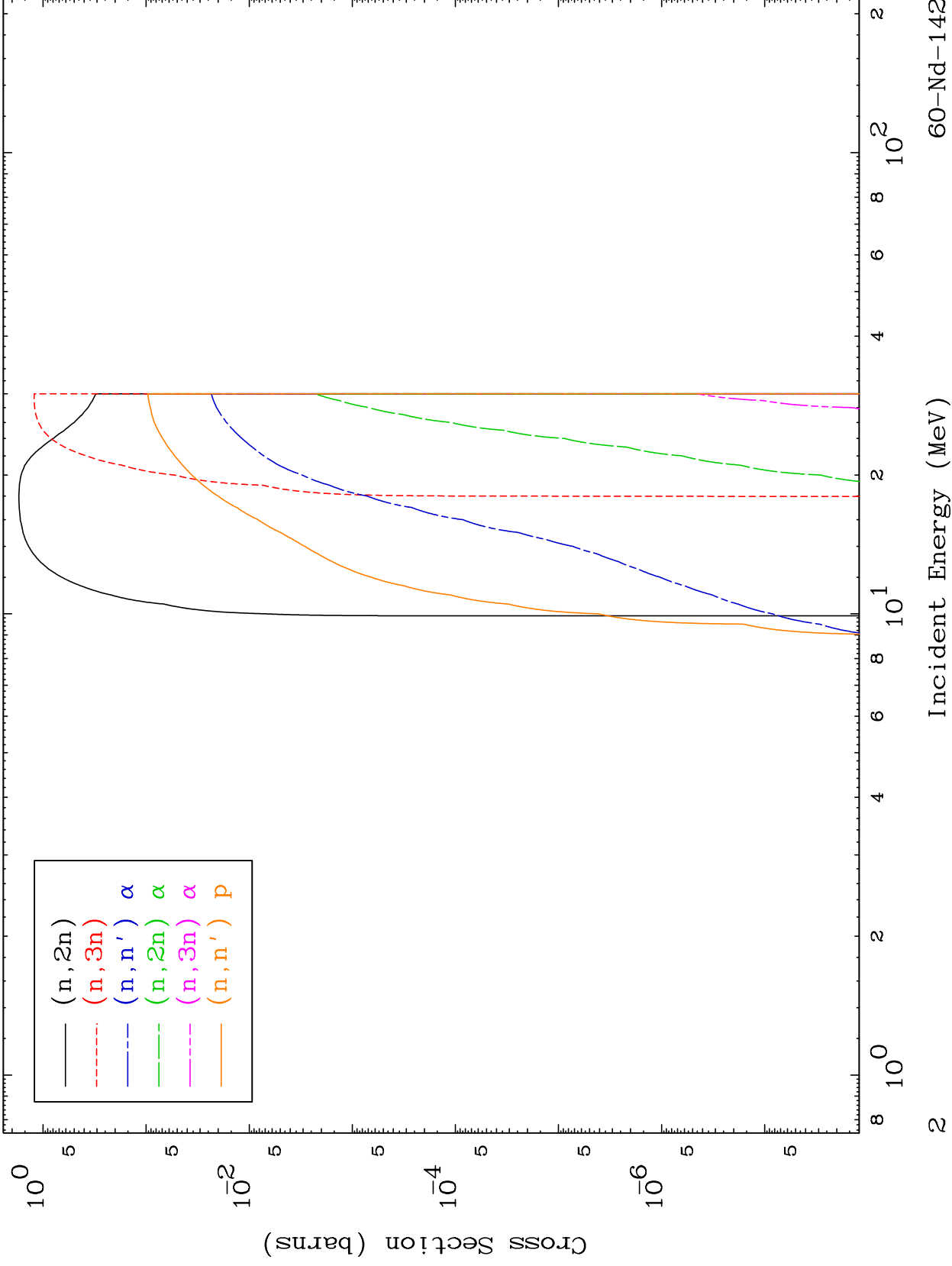
60-Nd-142



MAT 6025

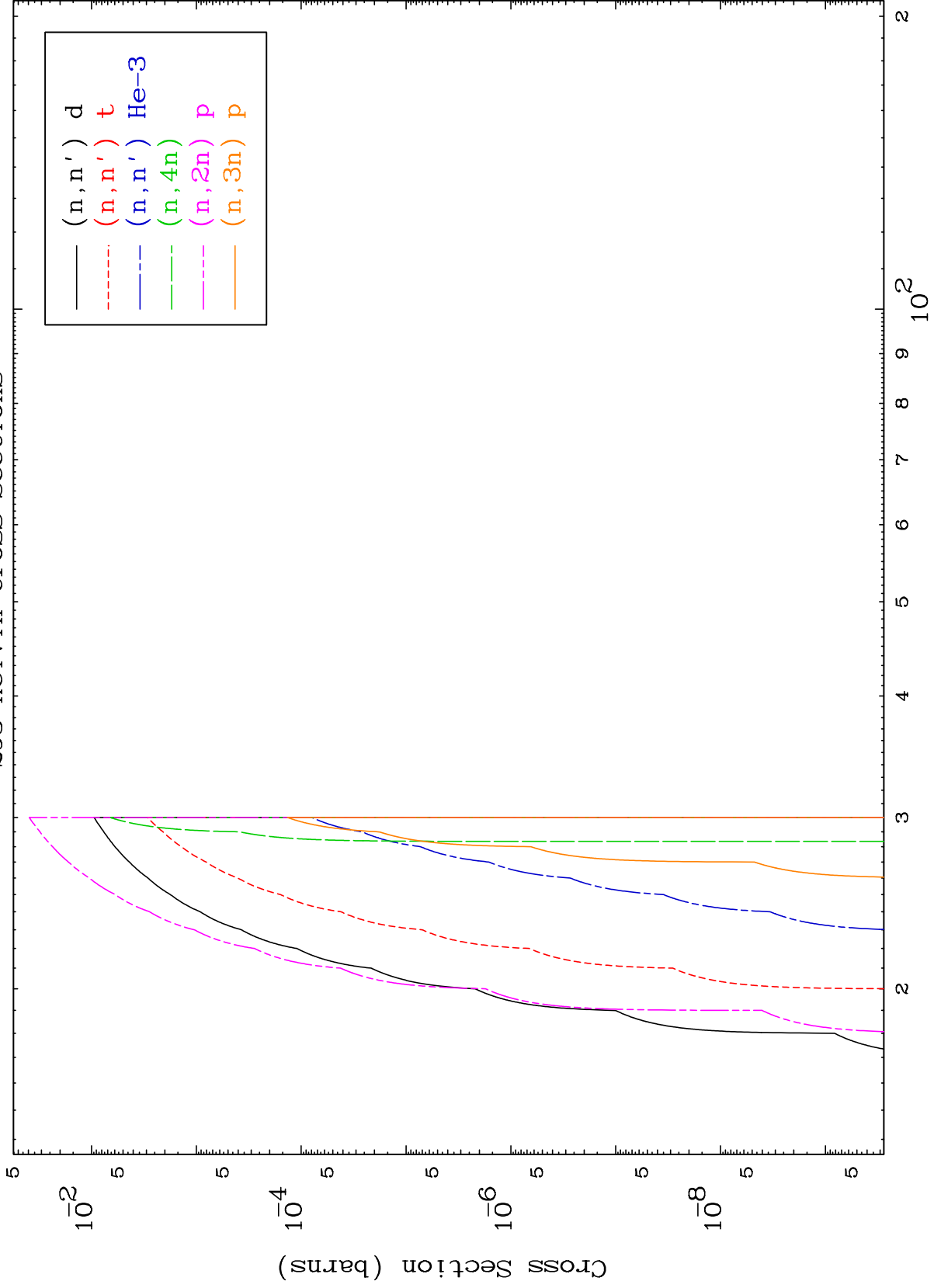
Neutron Production
293 Kelvin Cross Sections

60-Nd-142



60-Nd-142

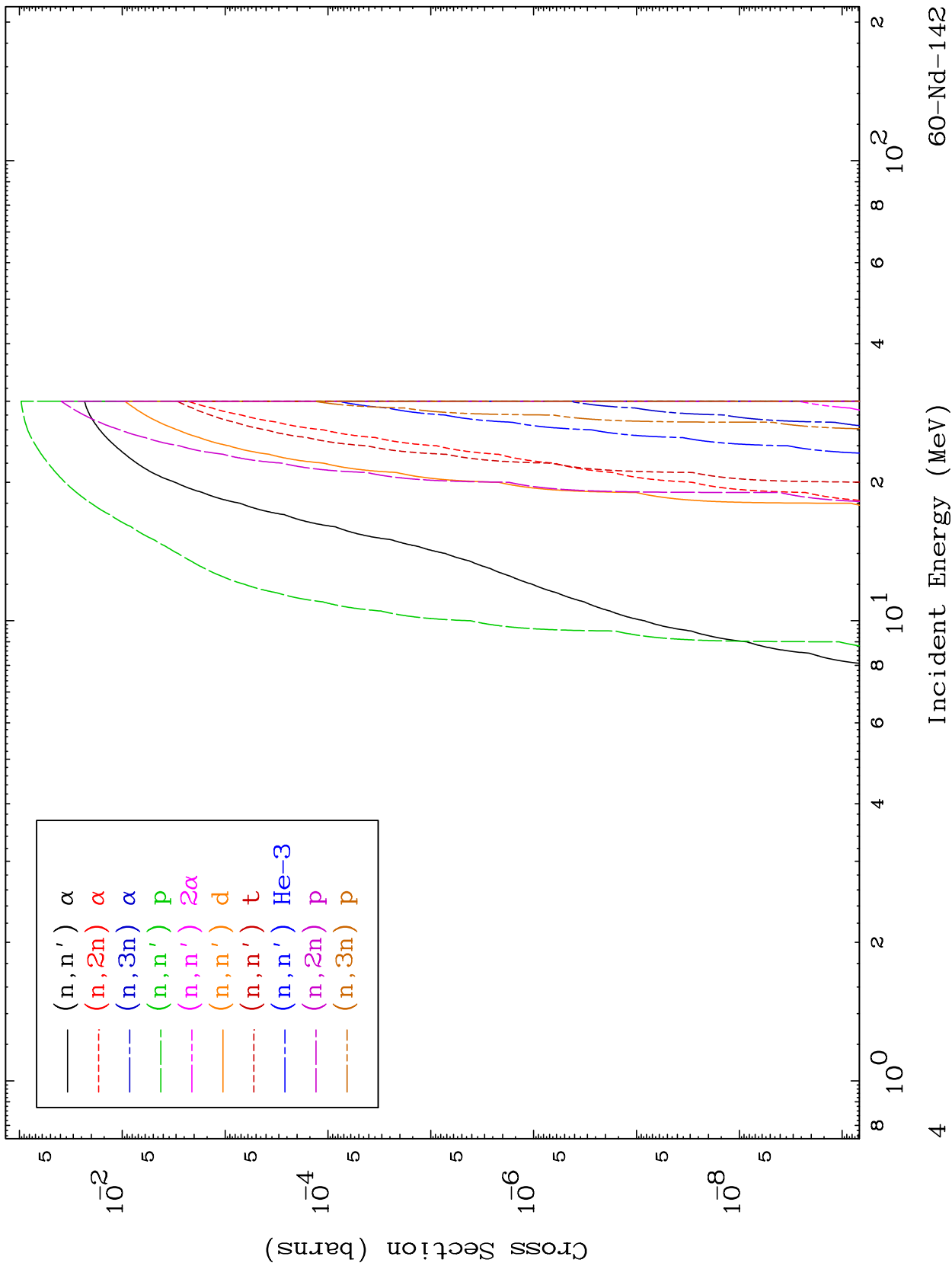
Incident Energy (MeV)



MAT 6025

Charged Particle
293 Kelvin Cross Sections

60-Nd-142

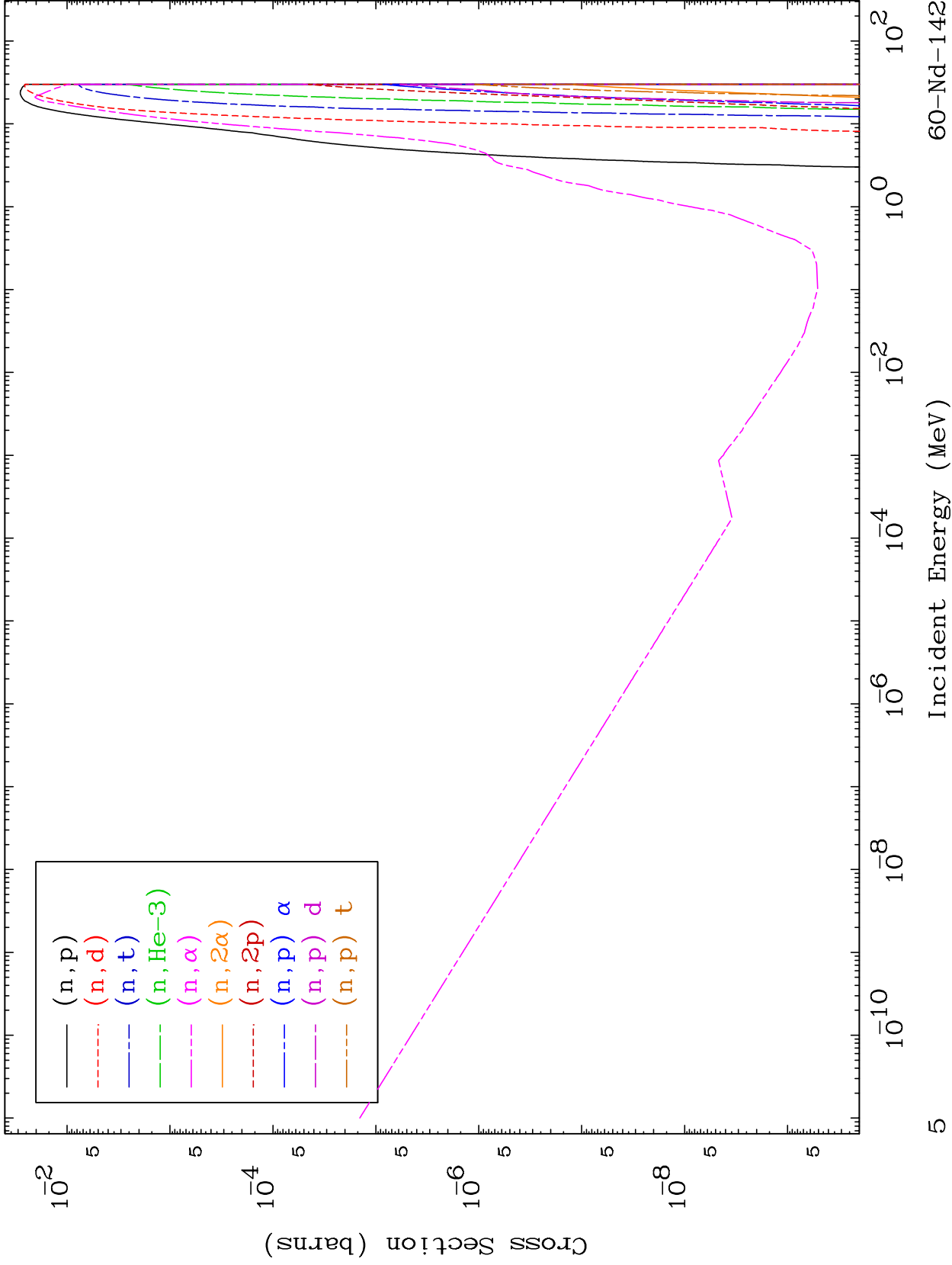


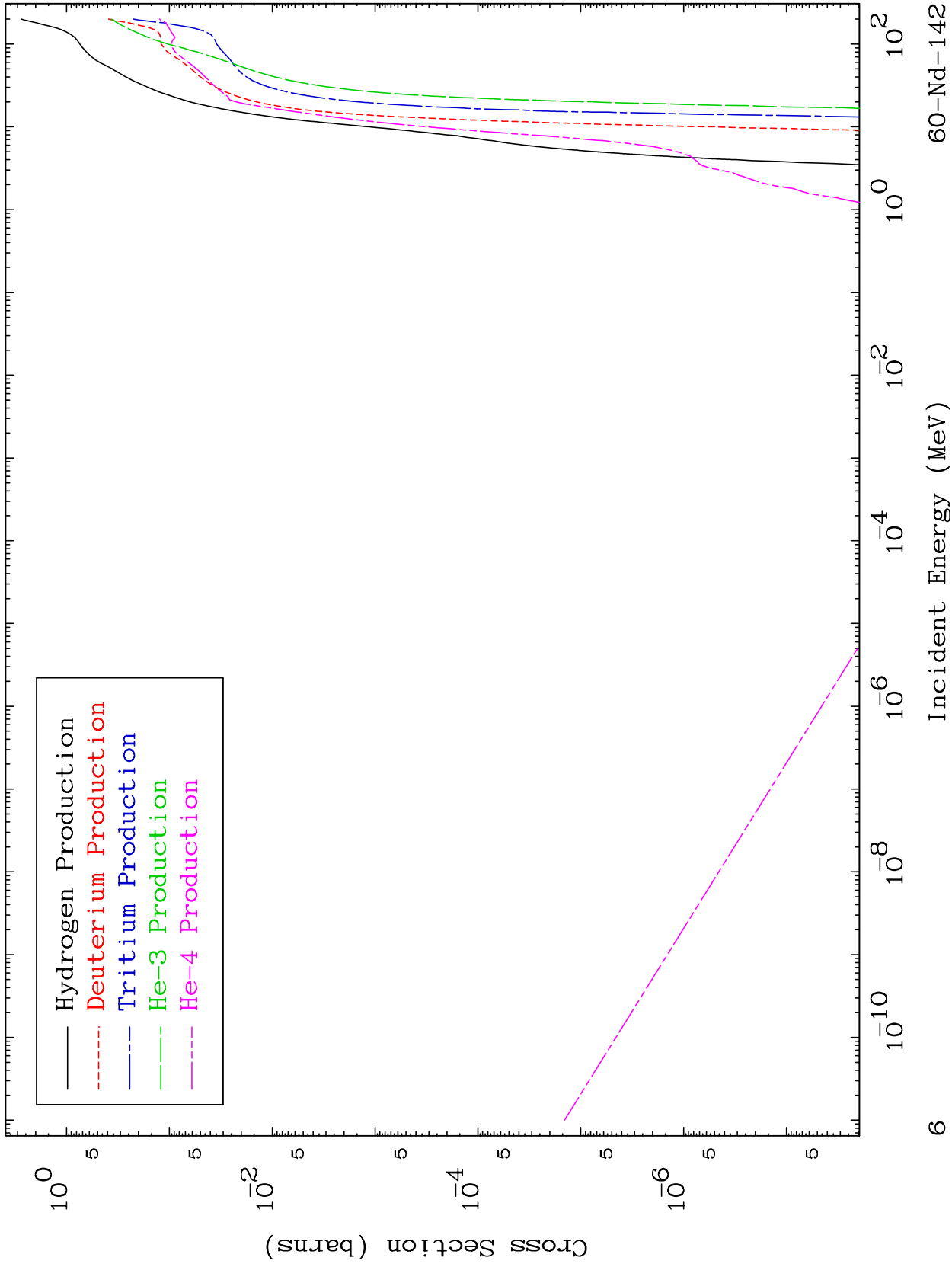
4

MAT 6025

Charged Particle
293 Kelvin Cross Sections

60-Nd-142



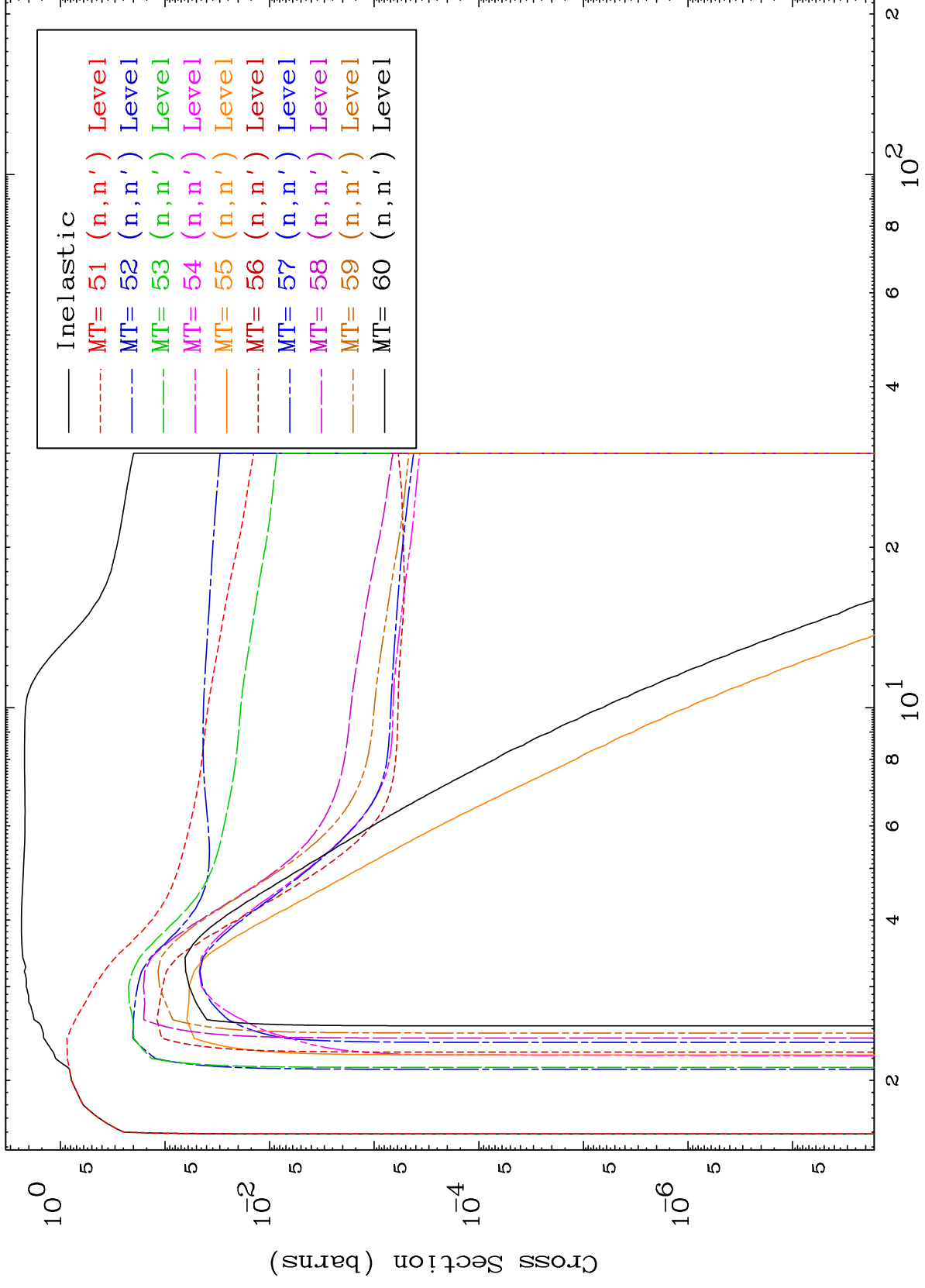


MAT 6025

(n,n') Level

60-Nd-142

293 Kelvin Cross Sections

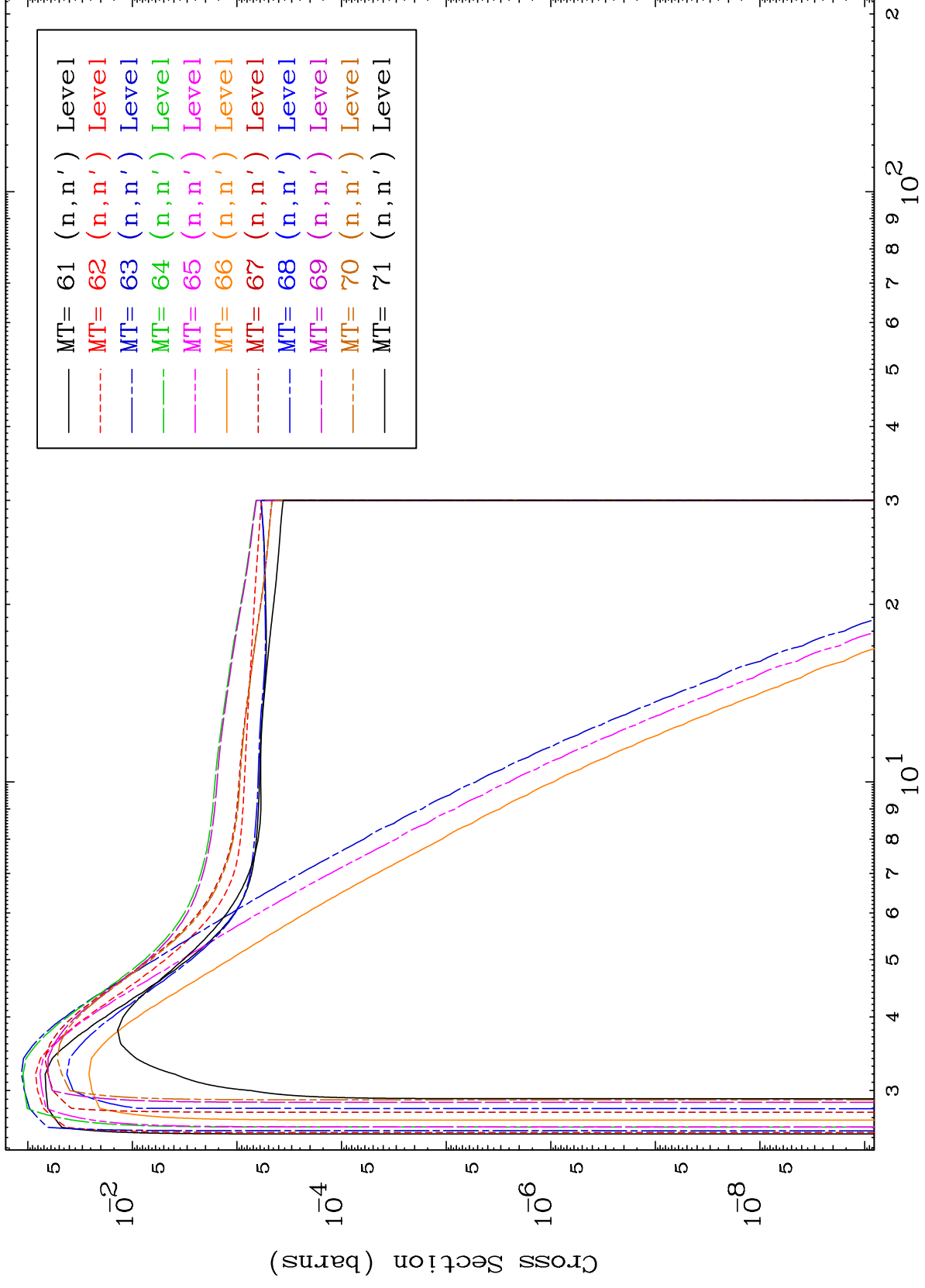


MAT 6025

(n,n') Level

60-Nd-142

293 Kelvin Cross Sections

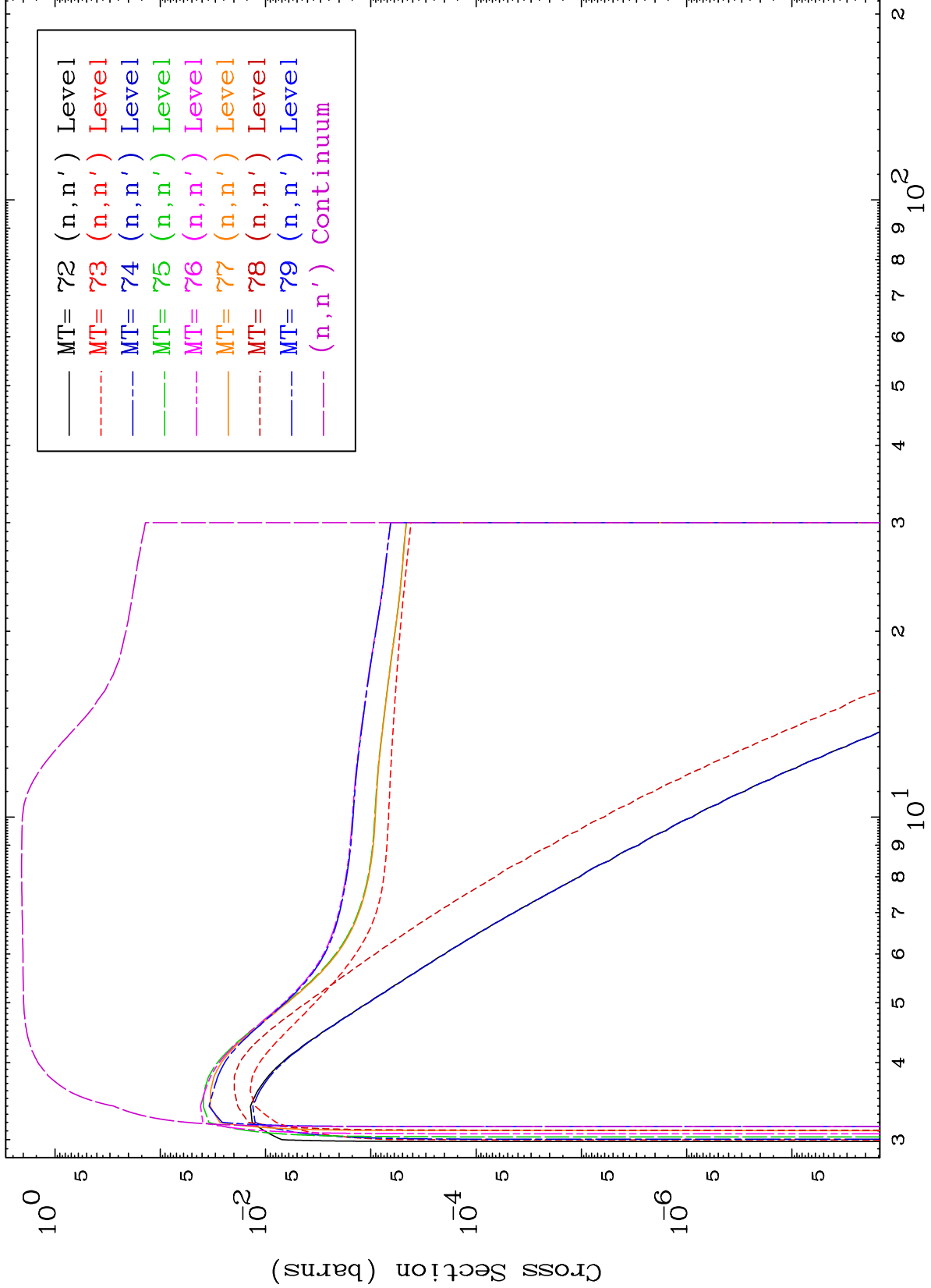


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Incident Energy (MeV)

60-Nd-142

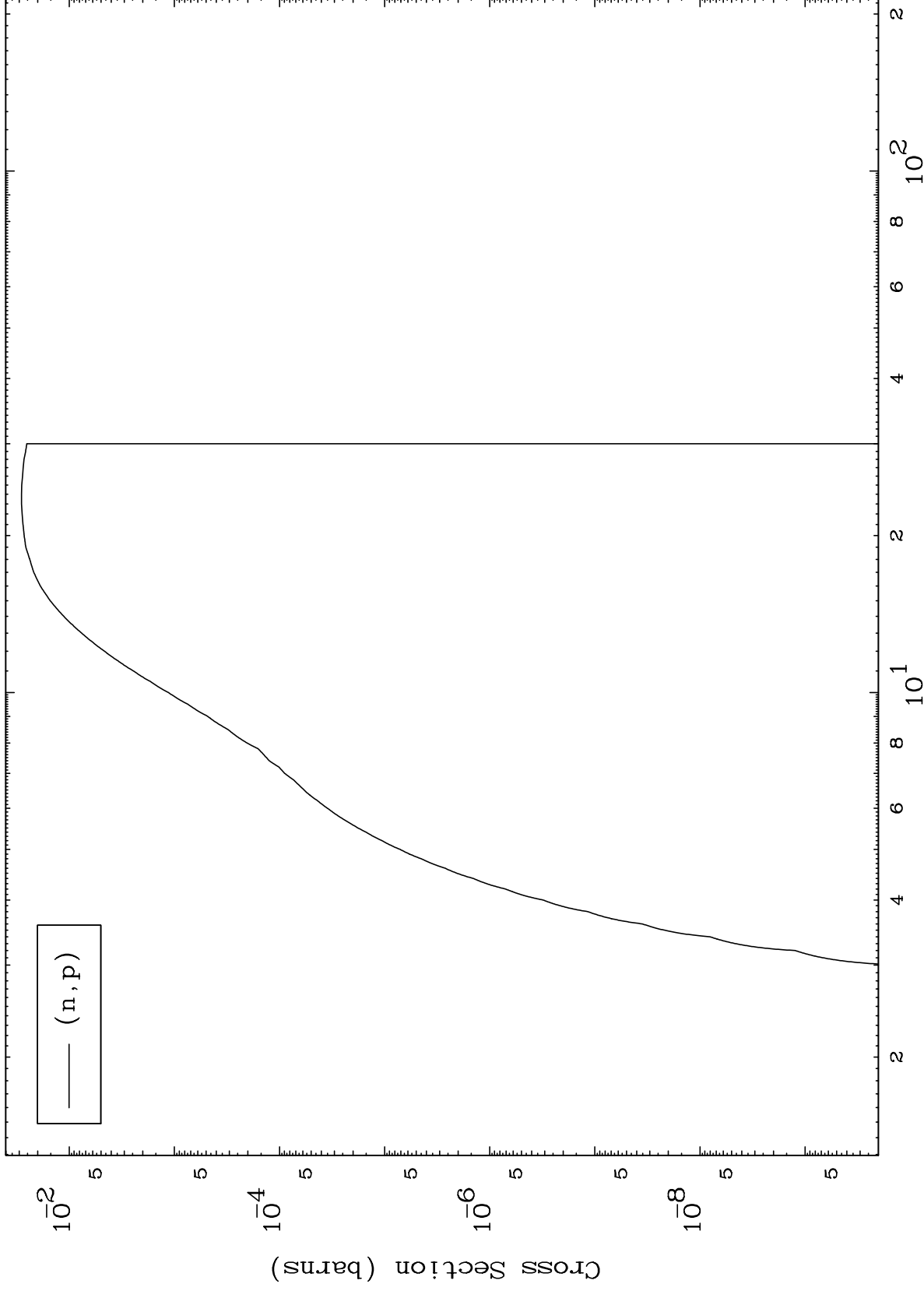
293 Kelvin Cross Sections



MAT 6025

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-142



10

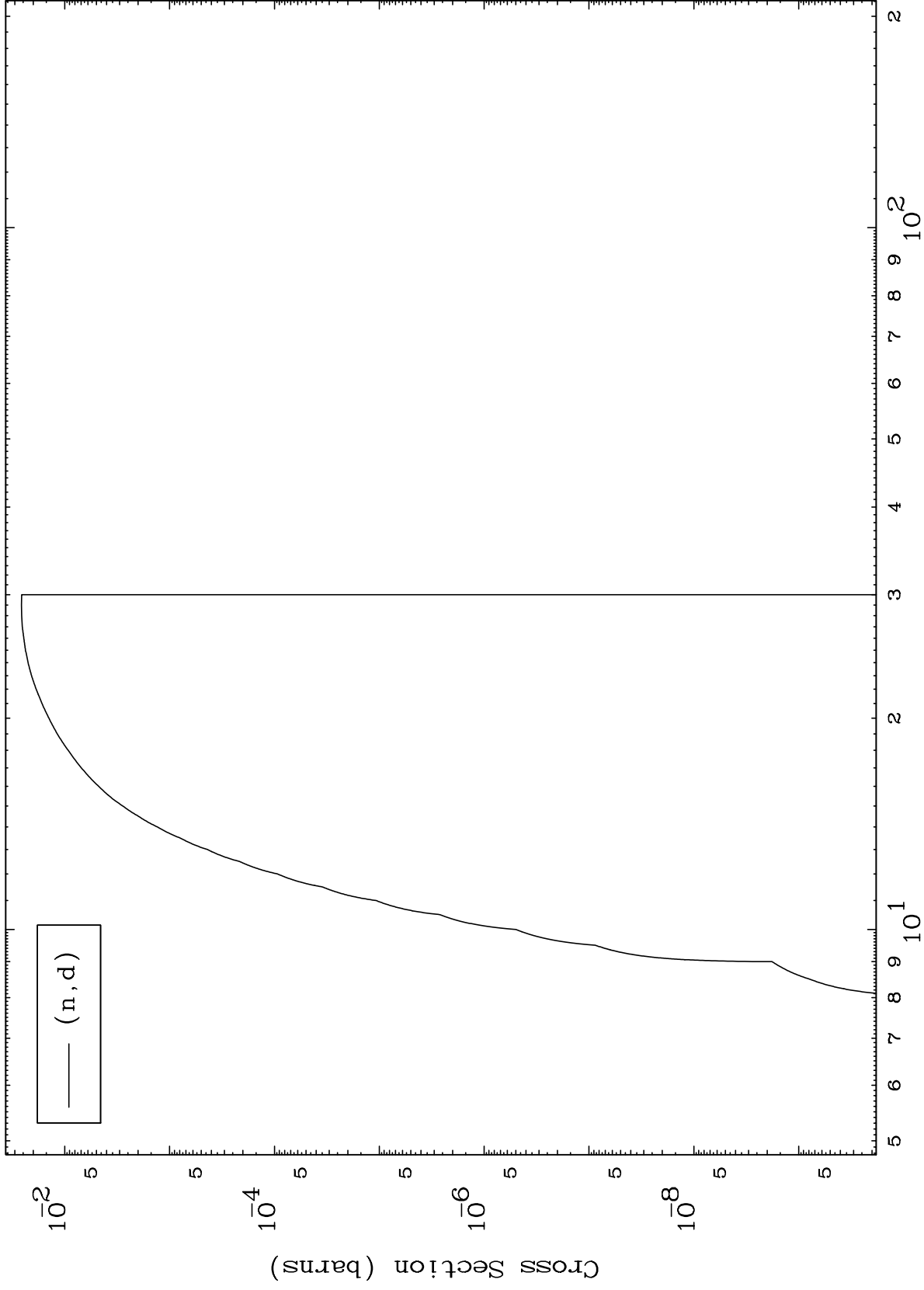
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-142



11

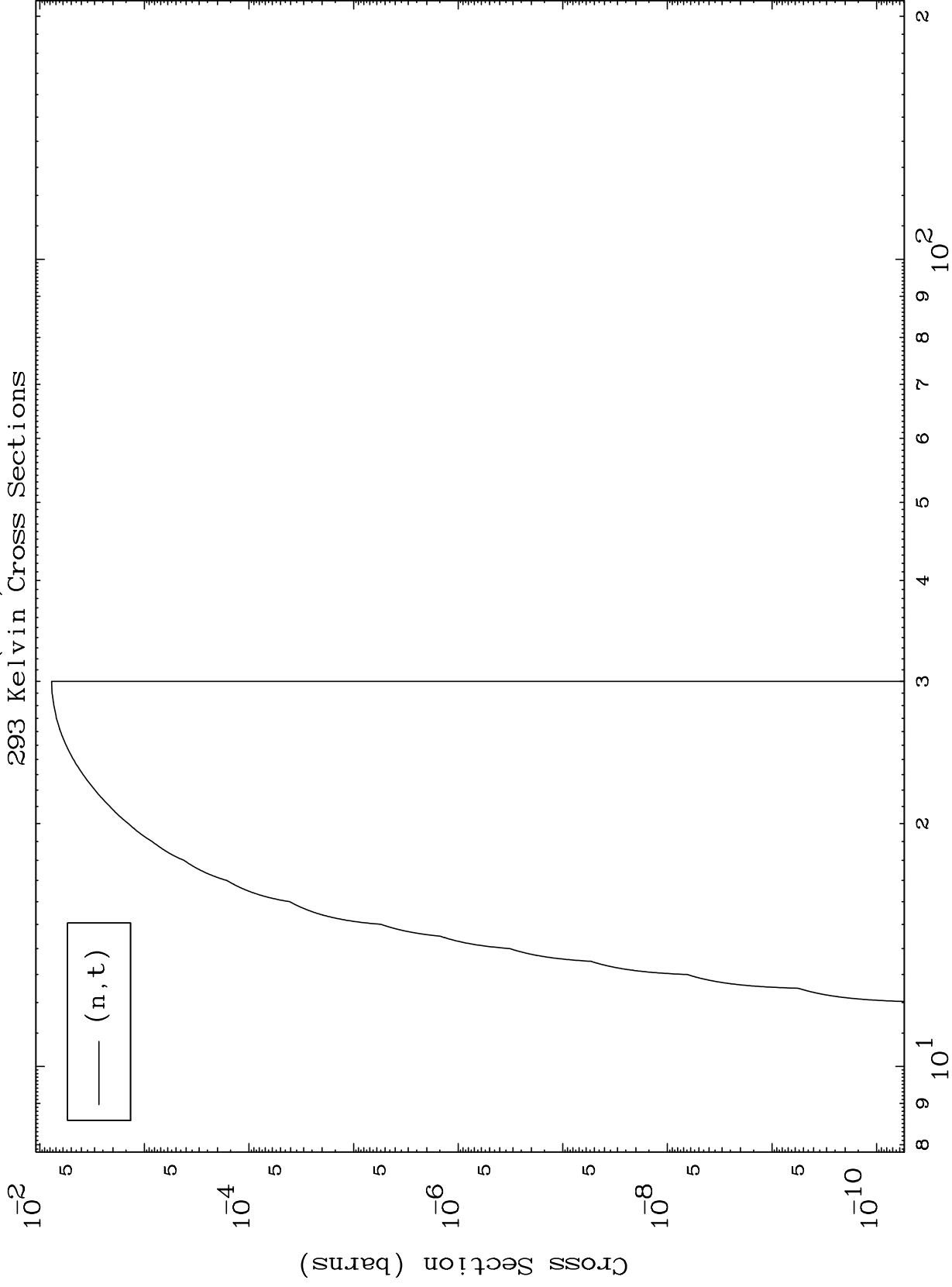
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-142



12

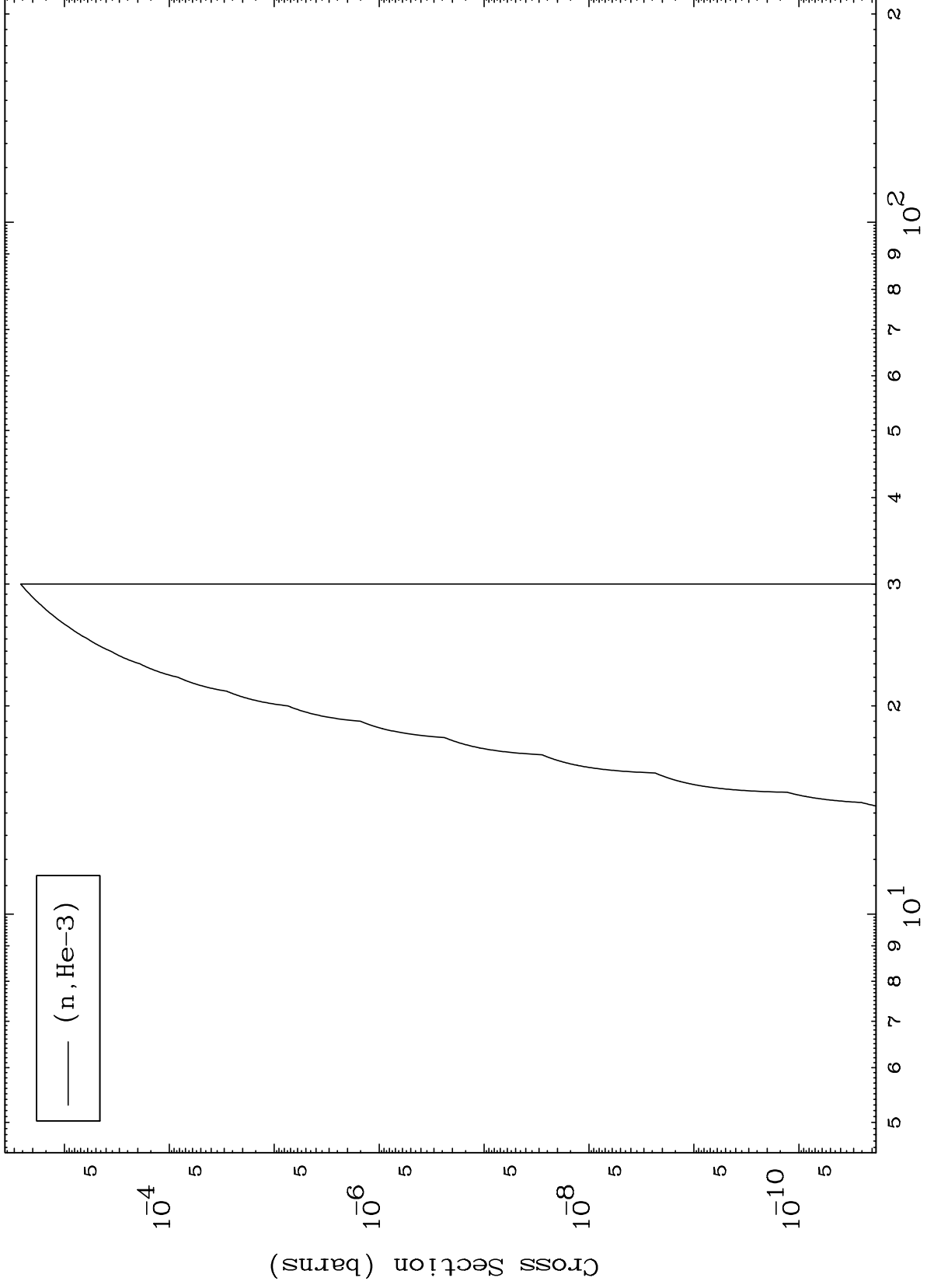
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-142



13

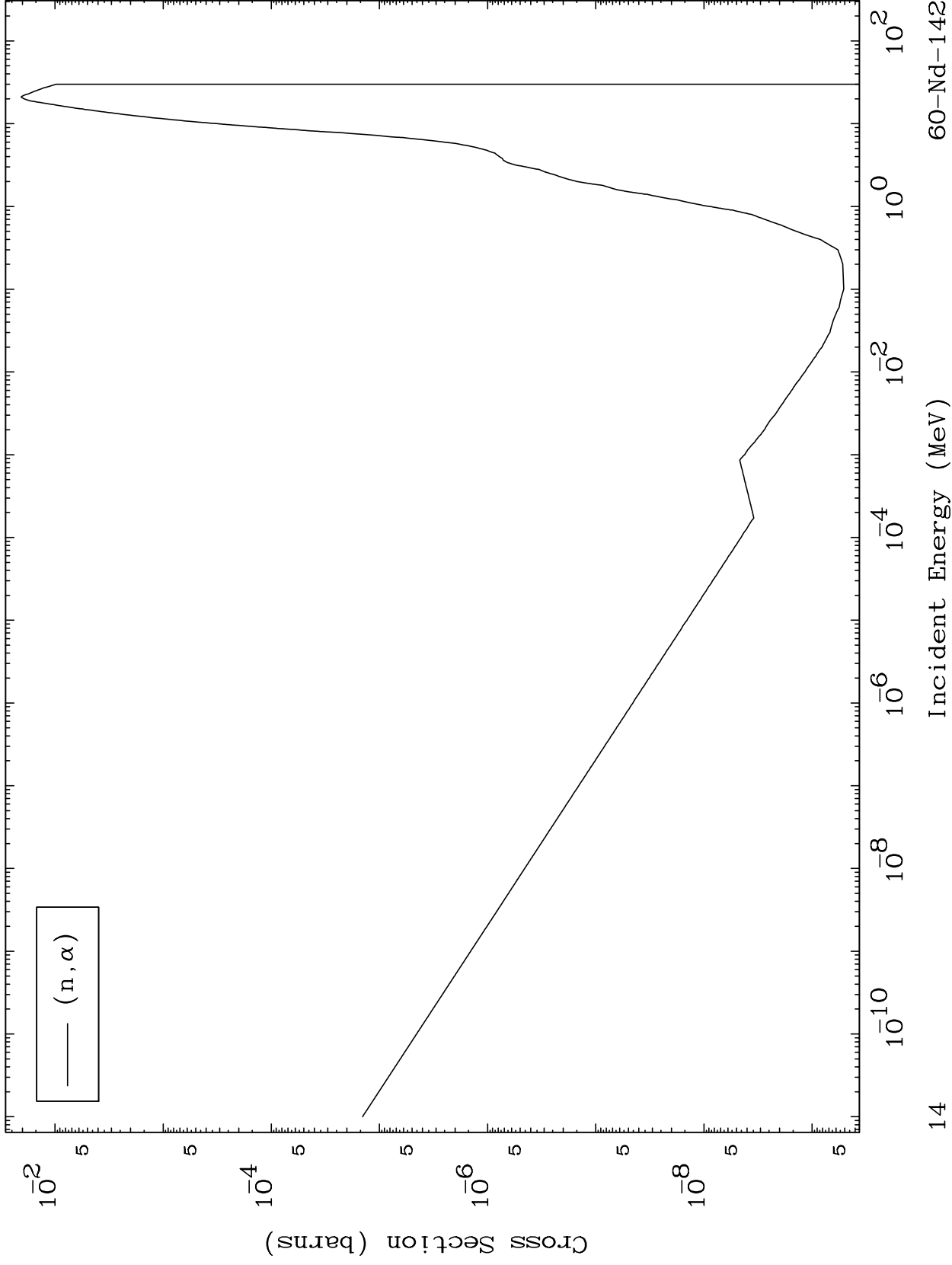
Incident Energy (MeV)

60-Nd-142

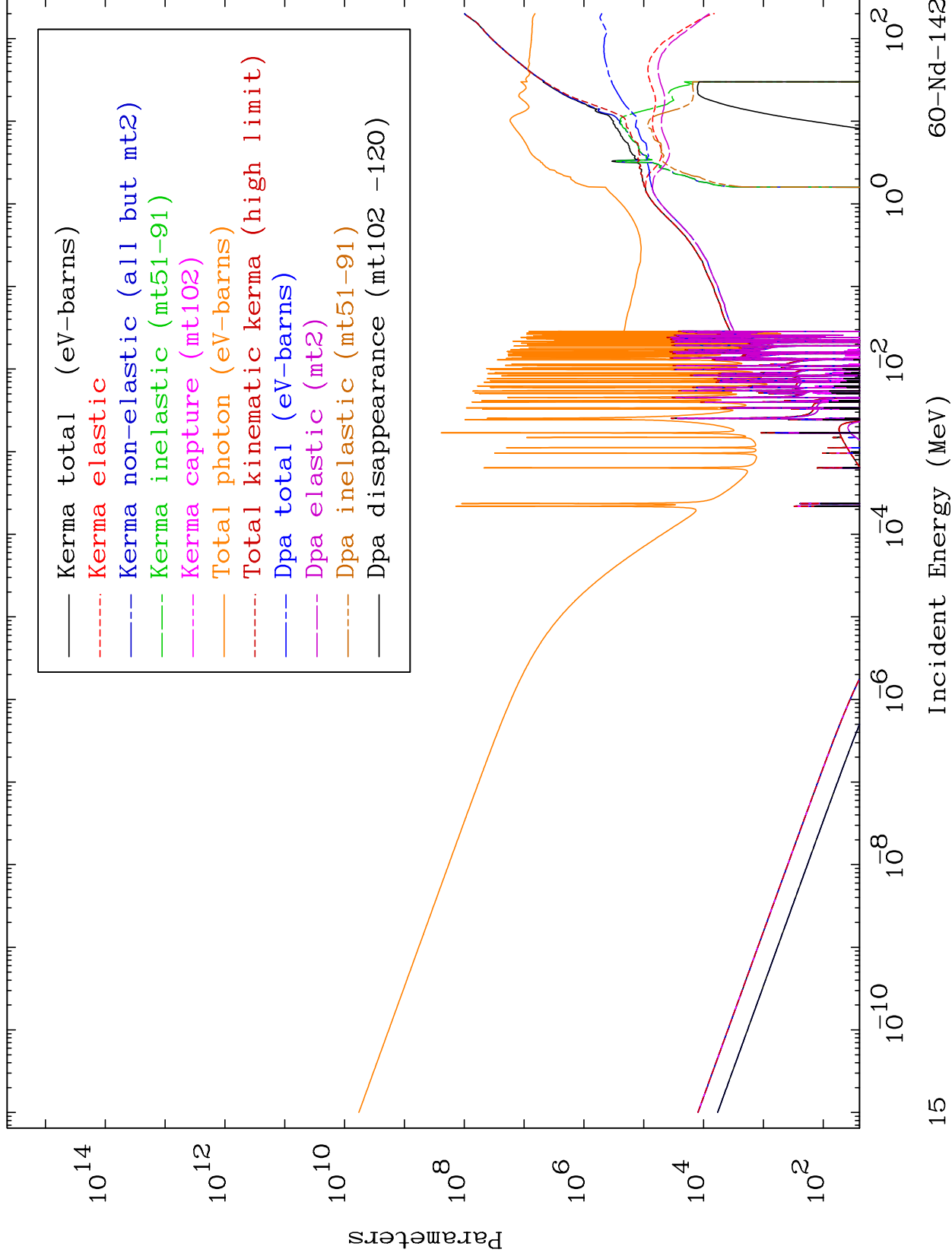
MAT 6025

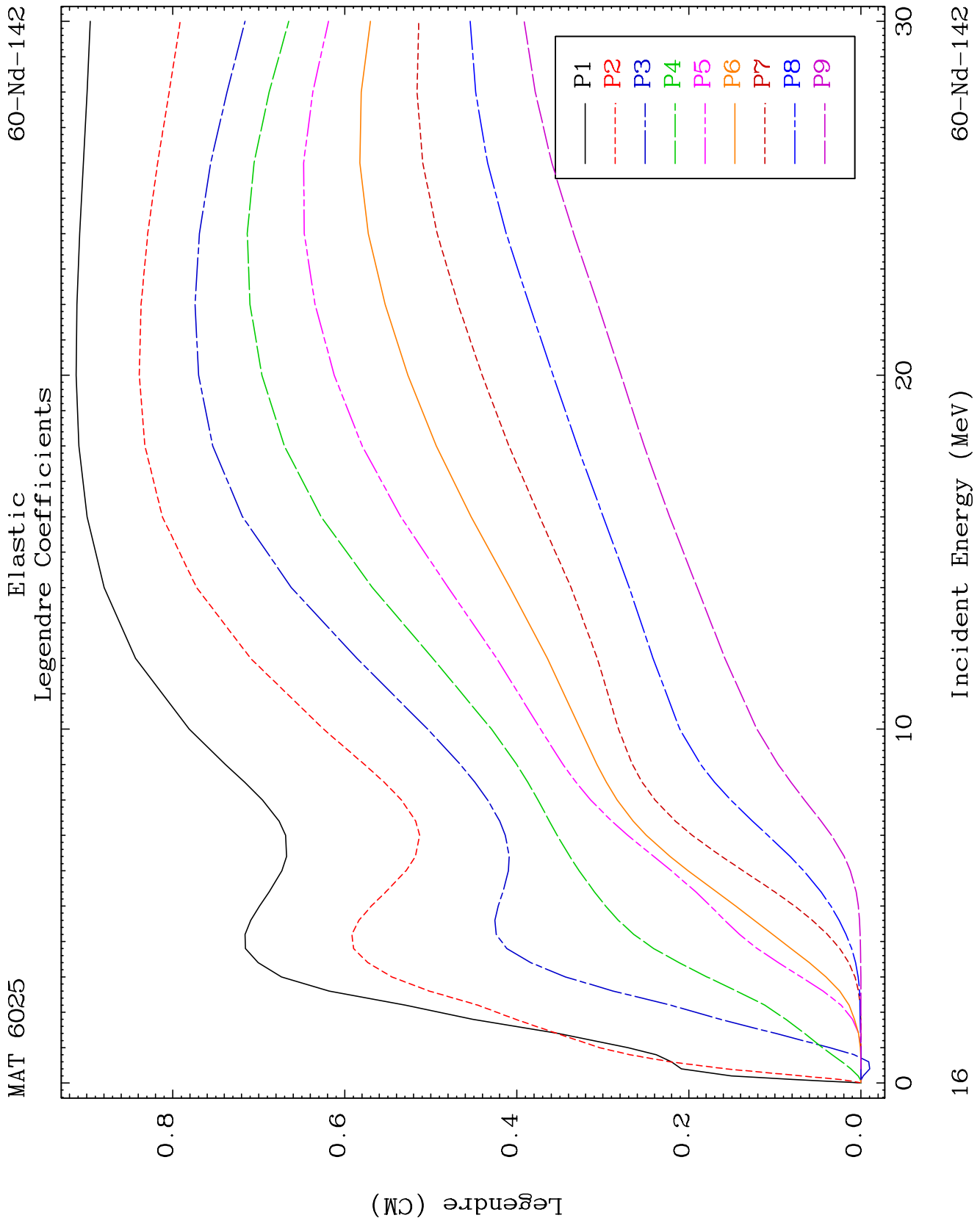
(n, α) Levels
293 Kelvin Cross Sections

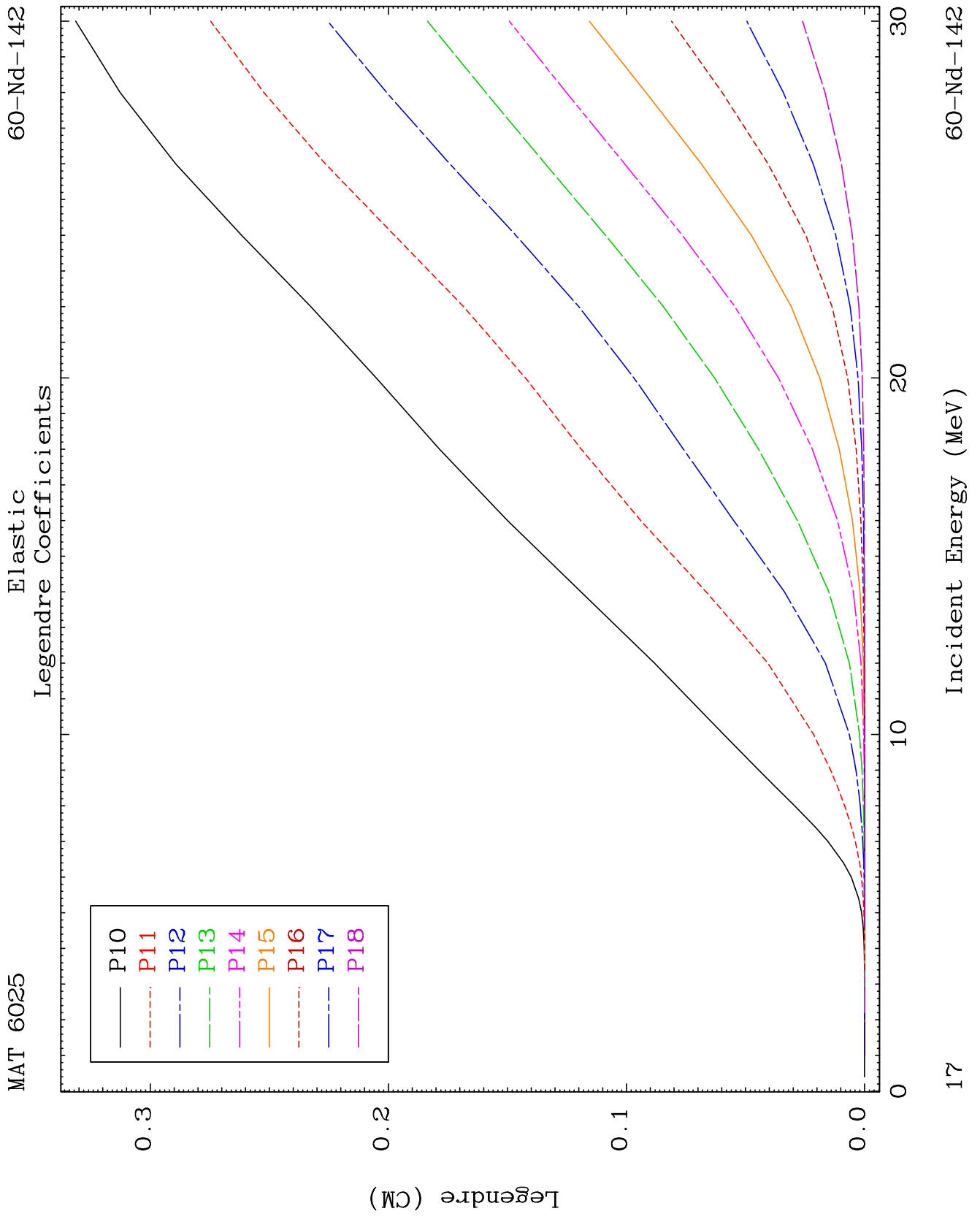
60-Nd-142



60-Nd-142



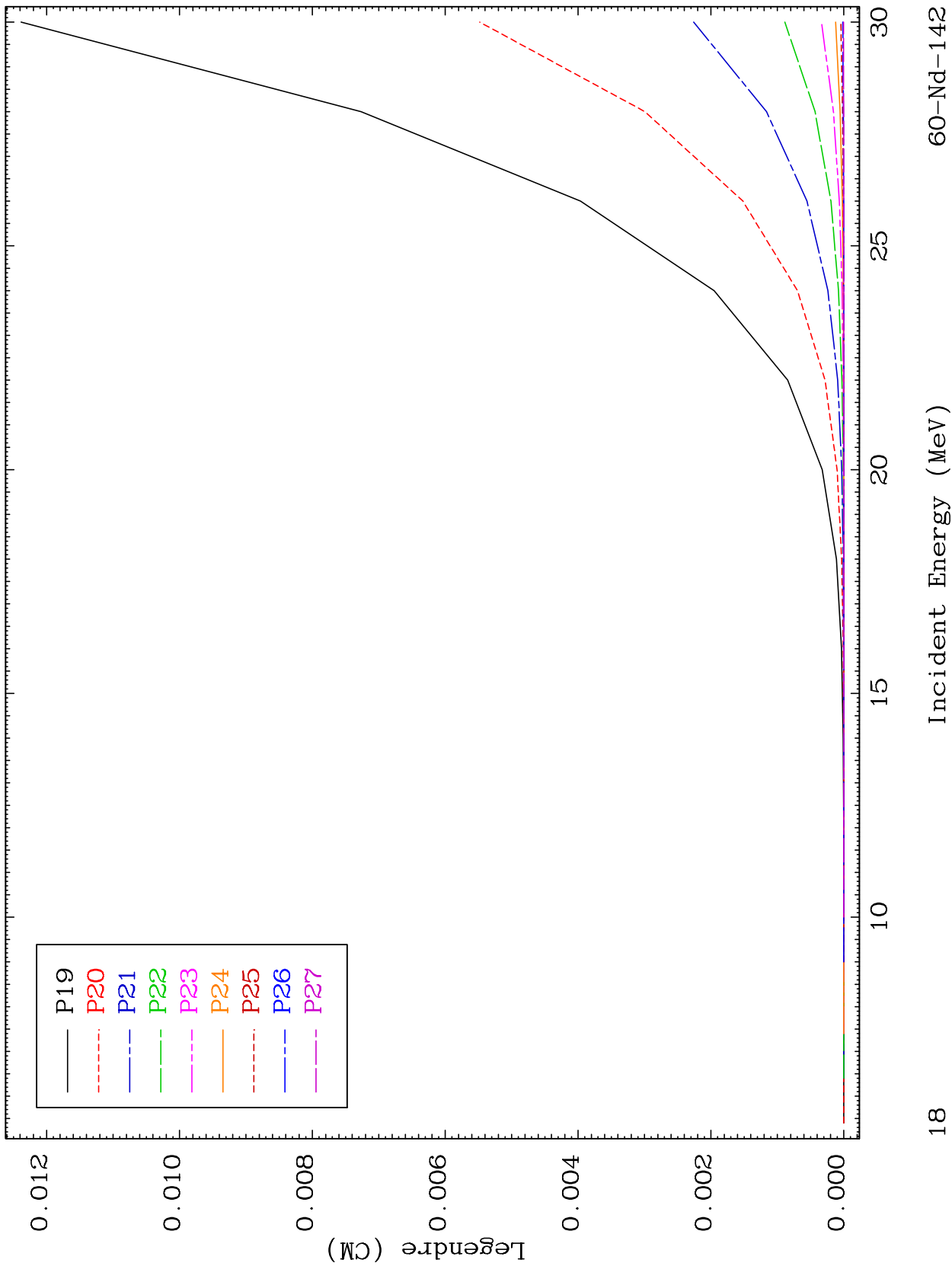




MAT 6025

Elastic Legendre Coefficients

60-Nd-142



18

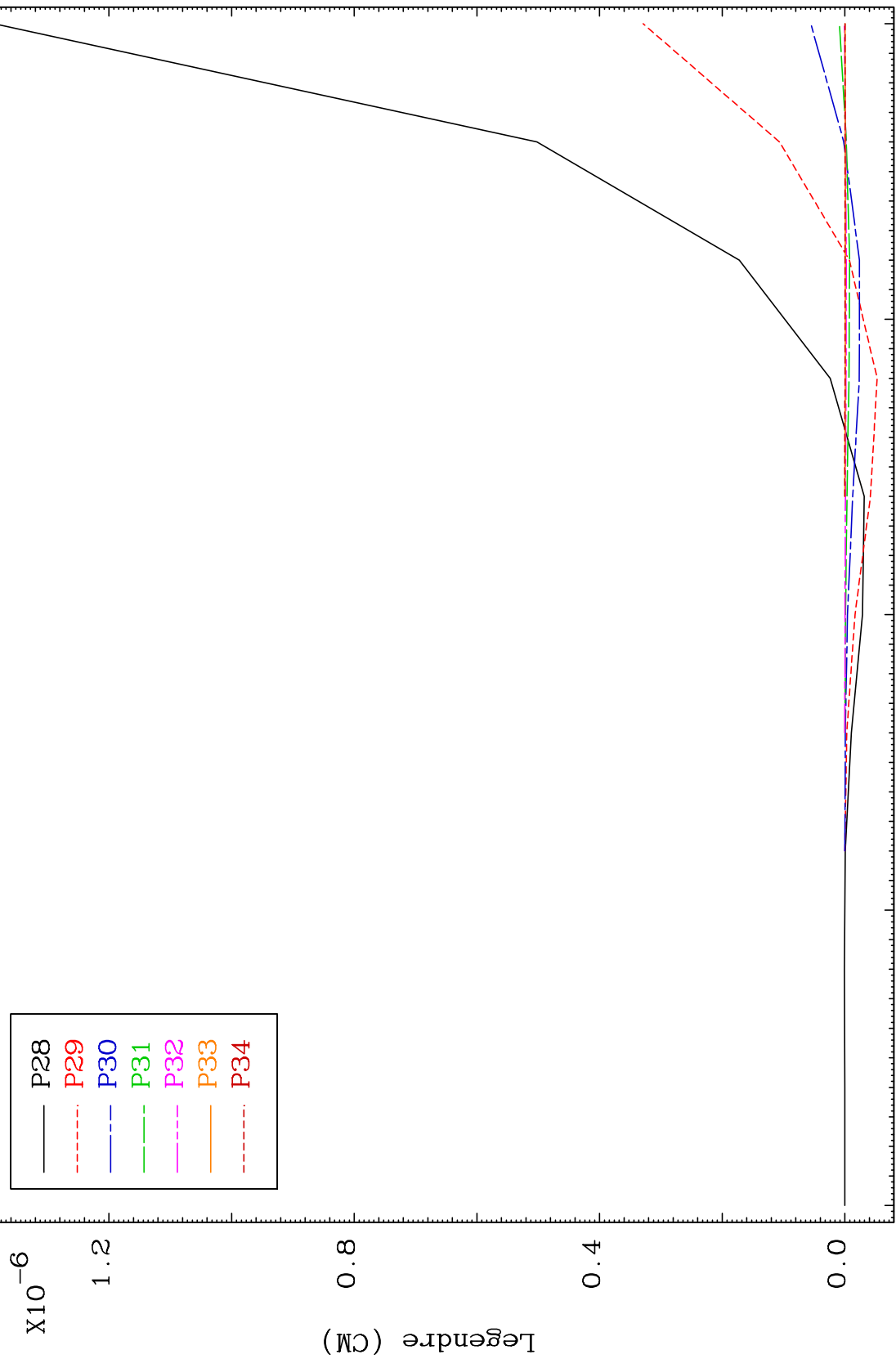
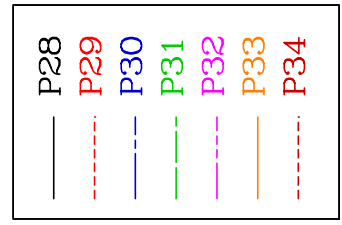
Incident Energy (MeV)

60-Nd-142

MAT 6025

Elastic Legendre Coefficients

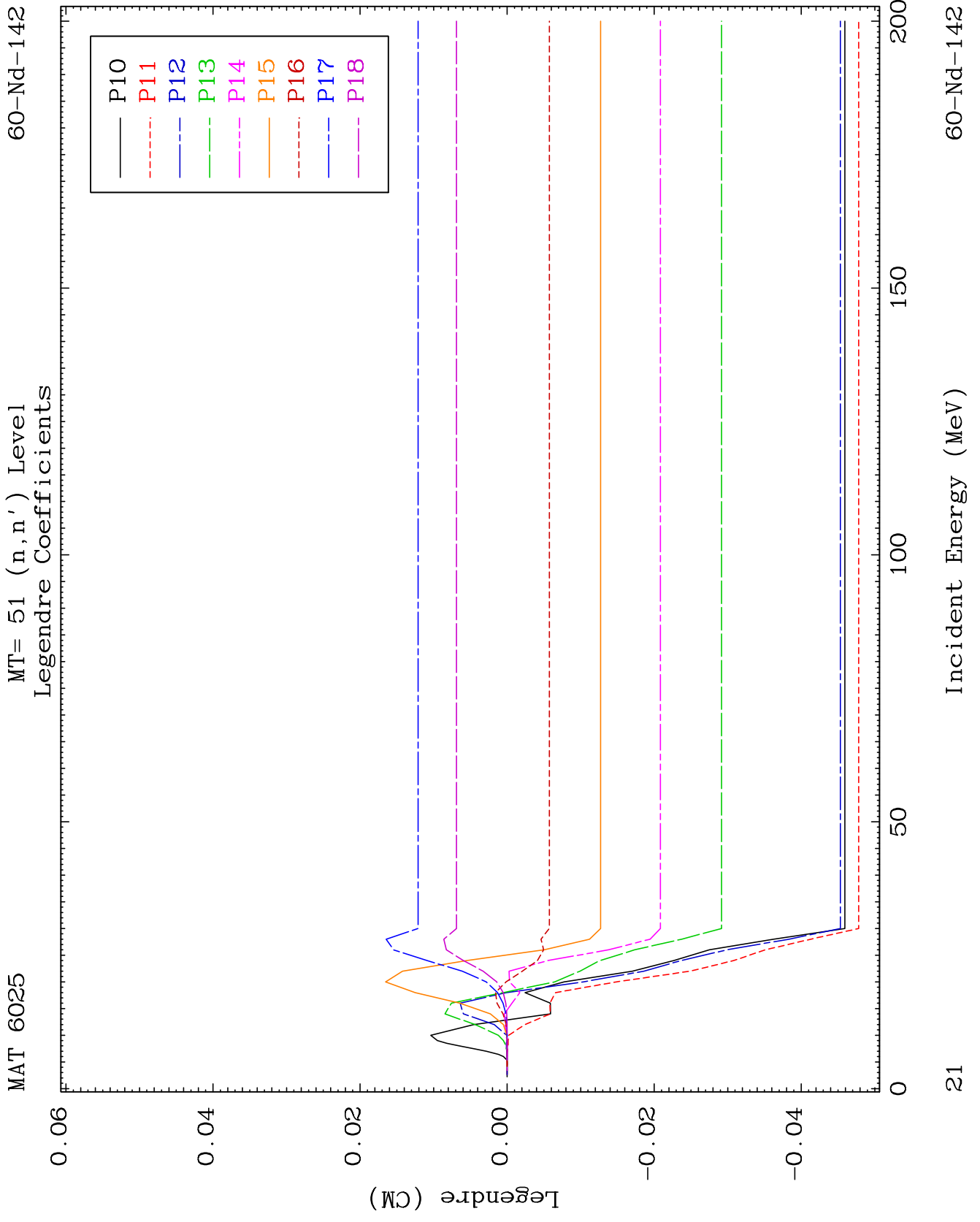
60-Nd-142



19

Incident Energy (MeV)

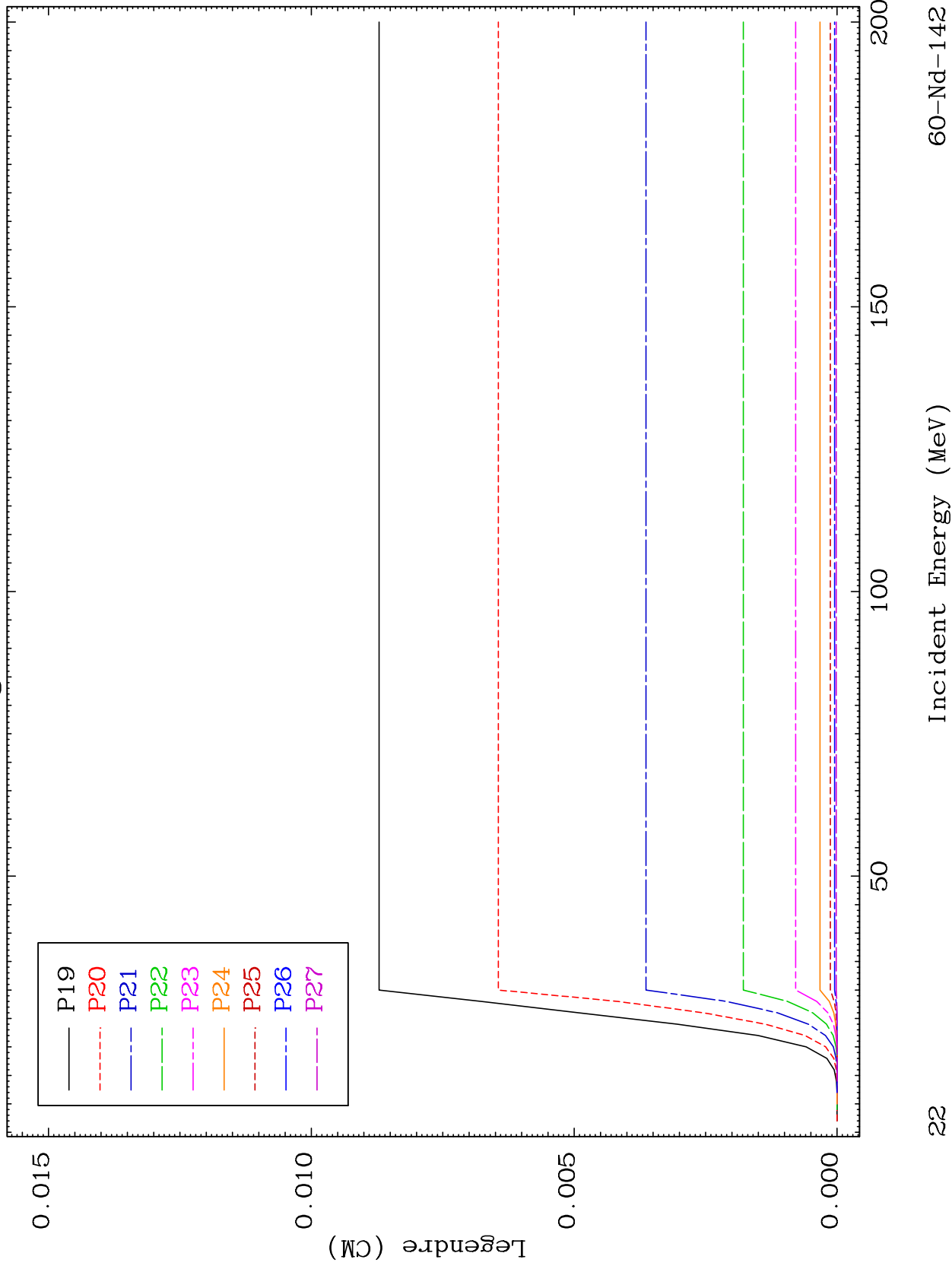
60-Nd-142



MAT 6025

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

60-Nd-142



22

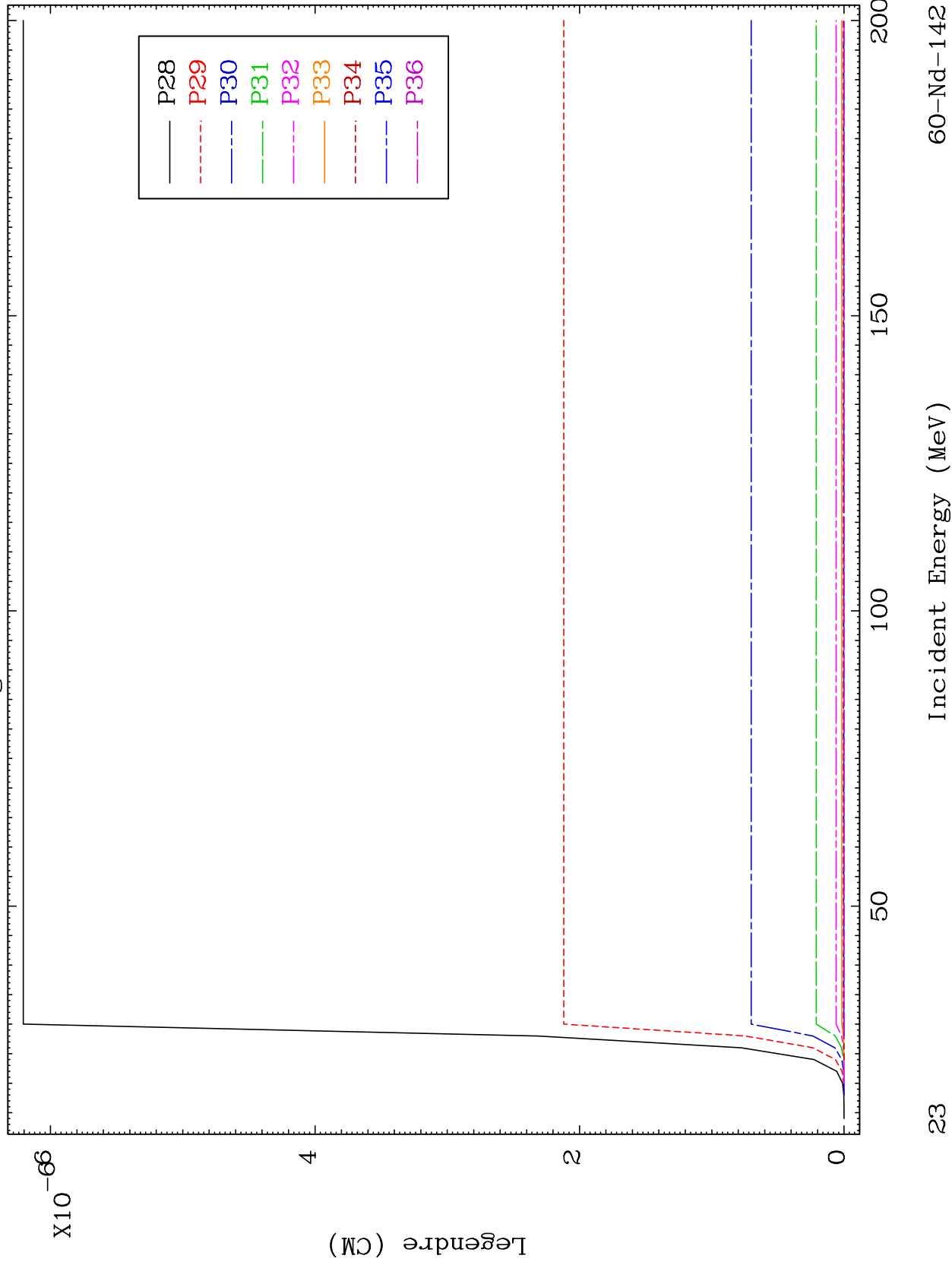
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



23

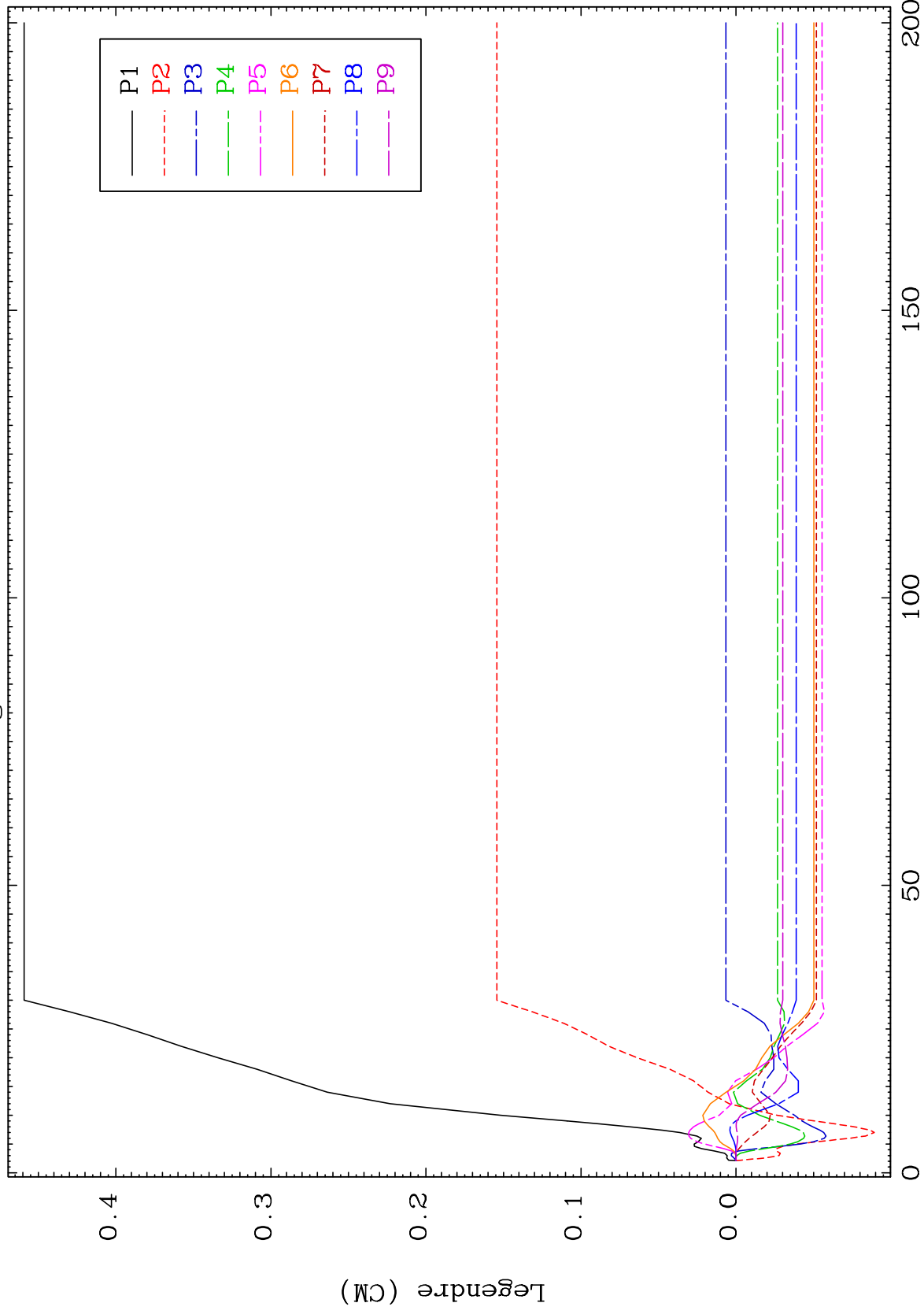
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

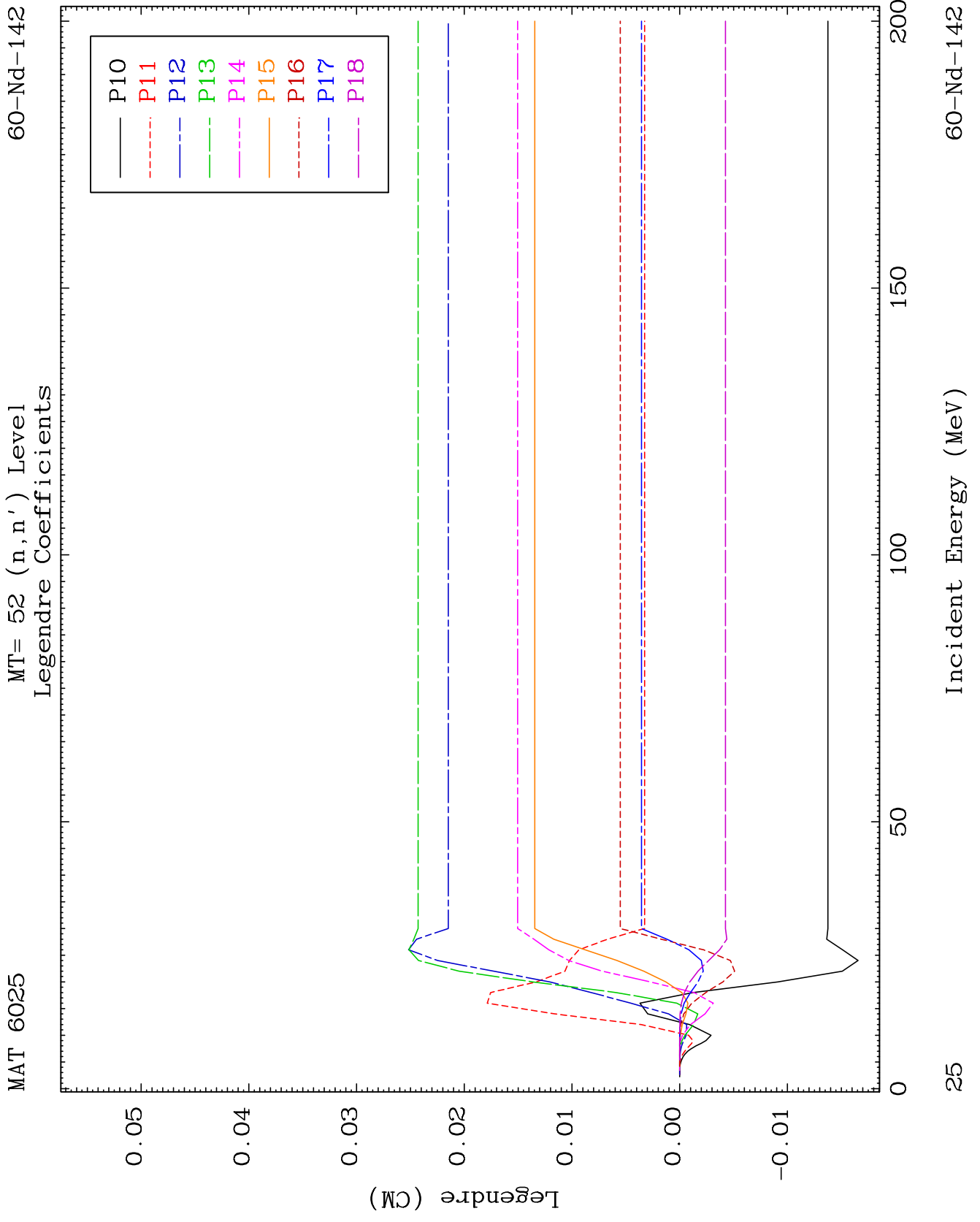
60-Nd-142



24

Incident Energy (MeV)

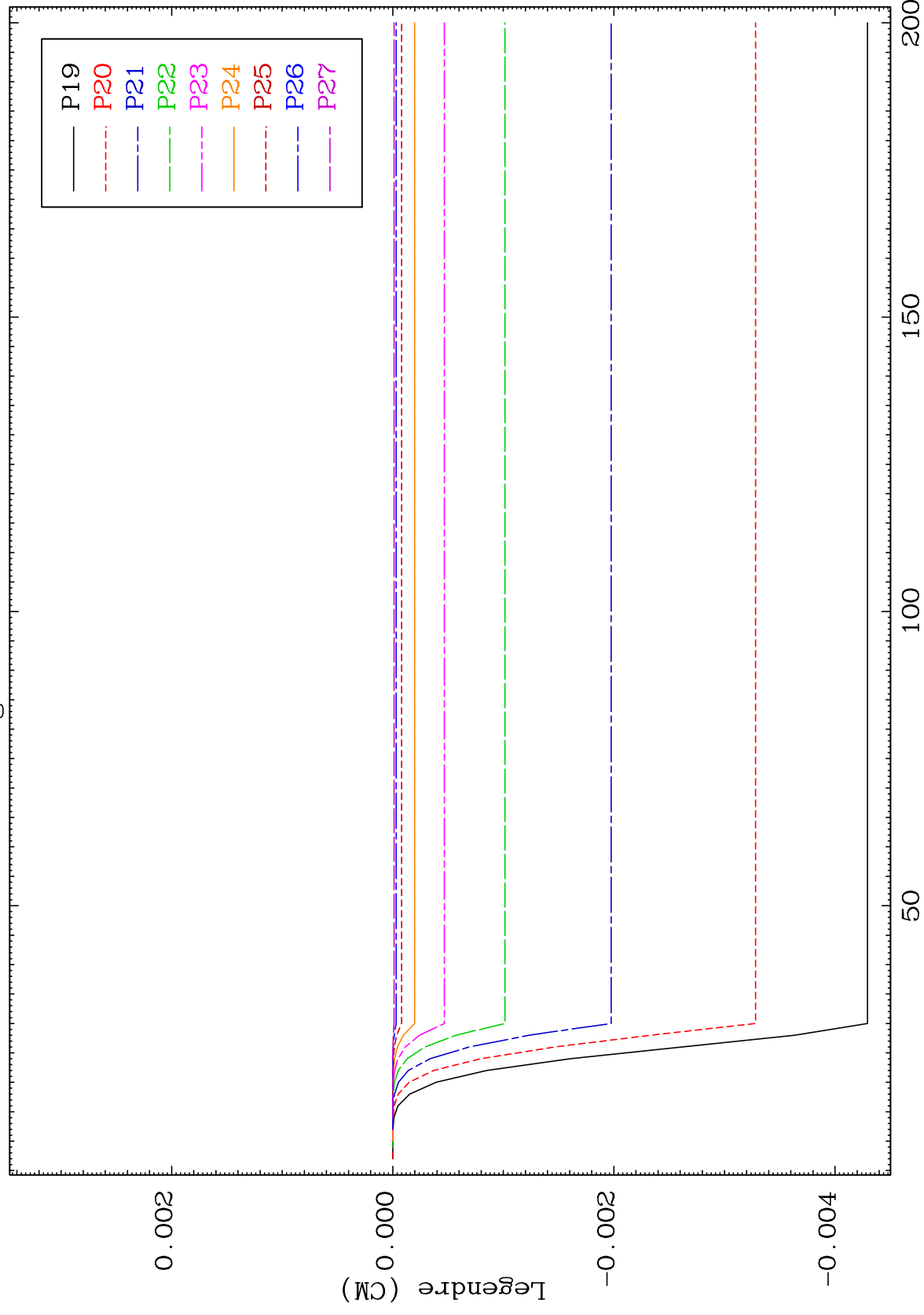
60-Nd-142



MAT 6025

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

60-Nd-142



26

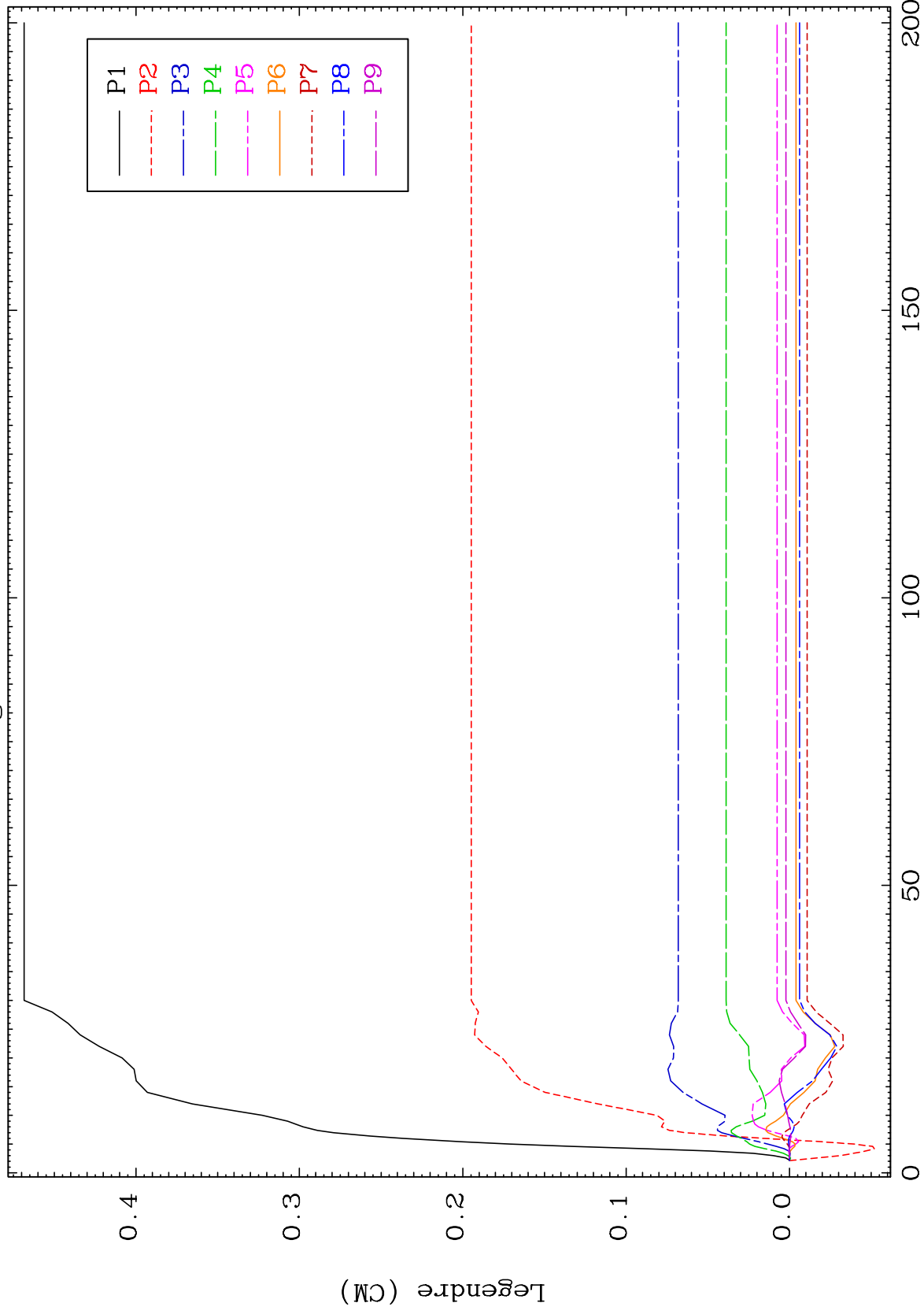
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



60-Nd-142

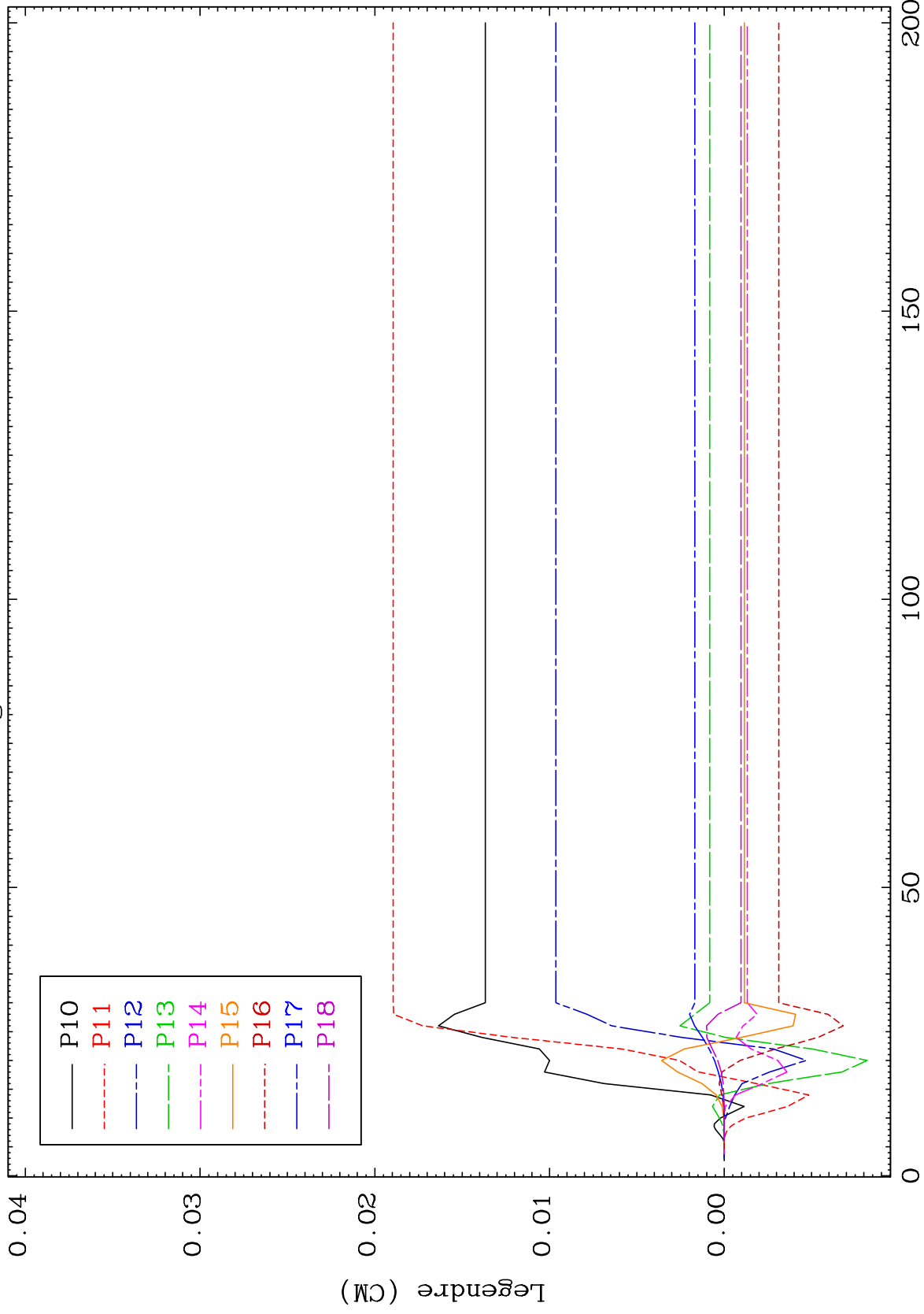
Incident Energy (MeV)

28

MAT 6025

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

60-Nd-142



29

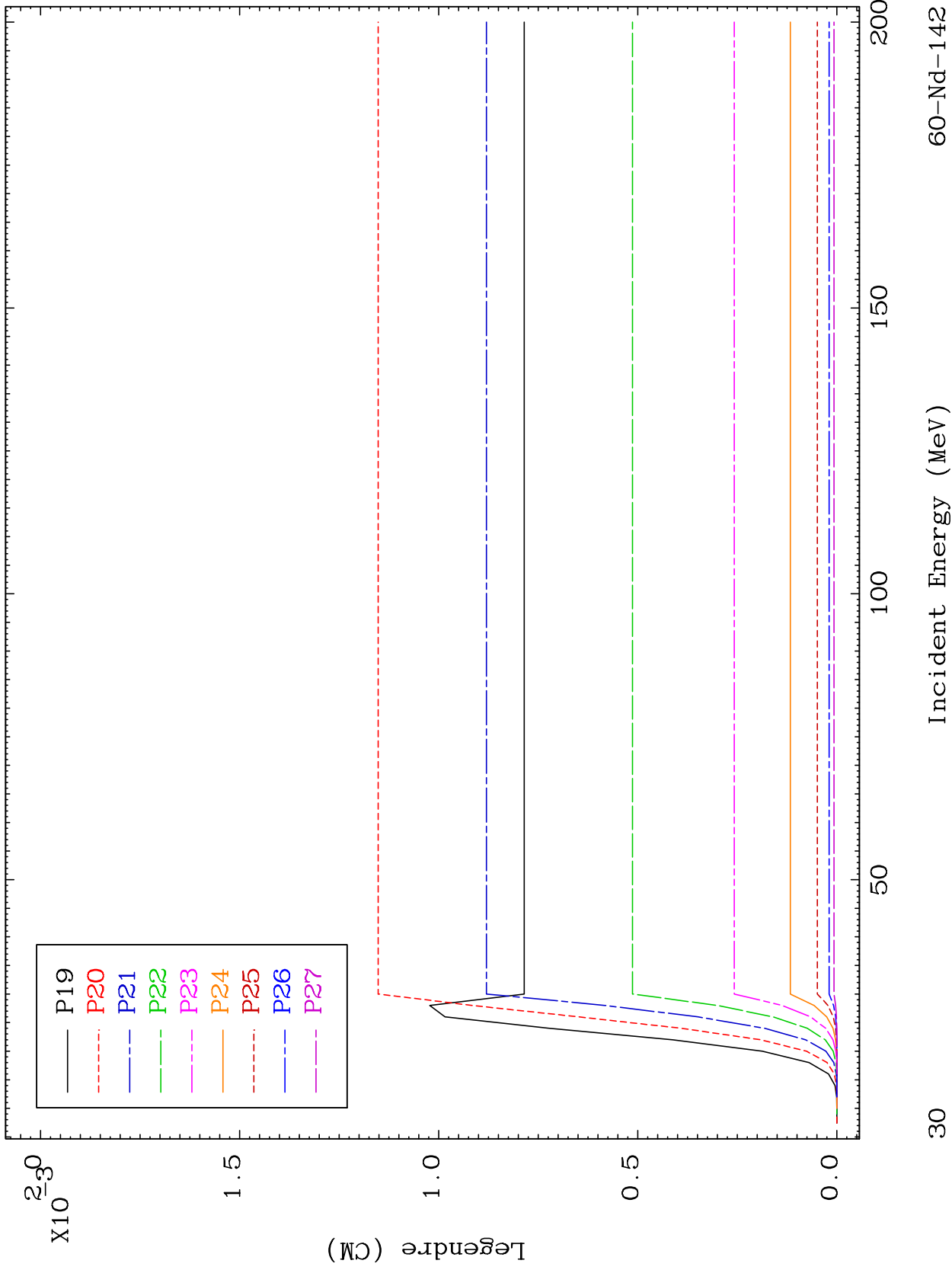
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



30

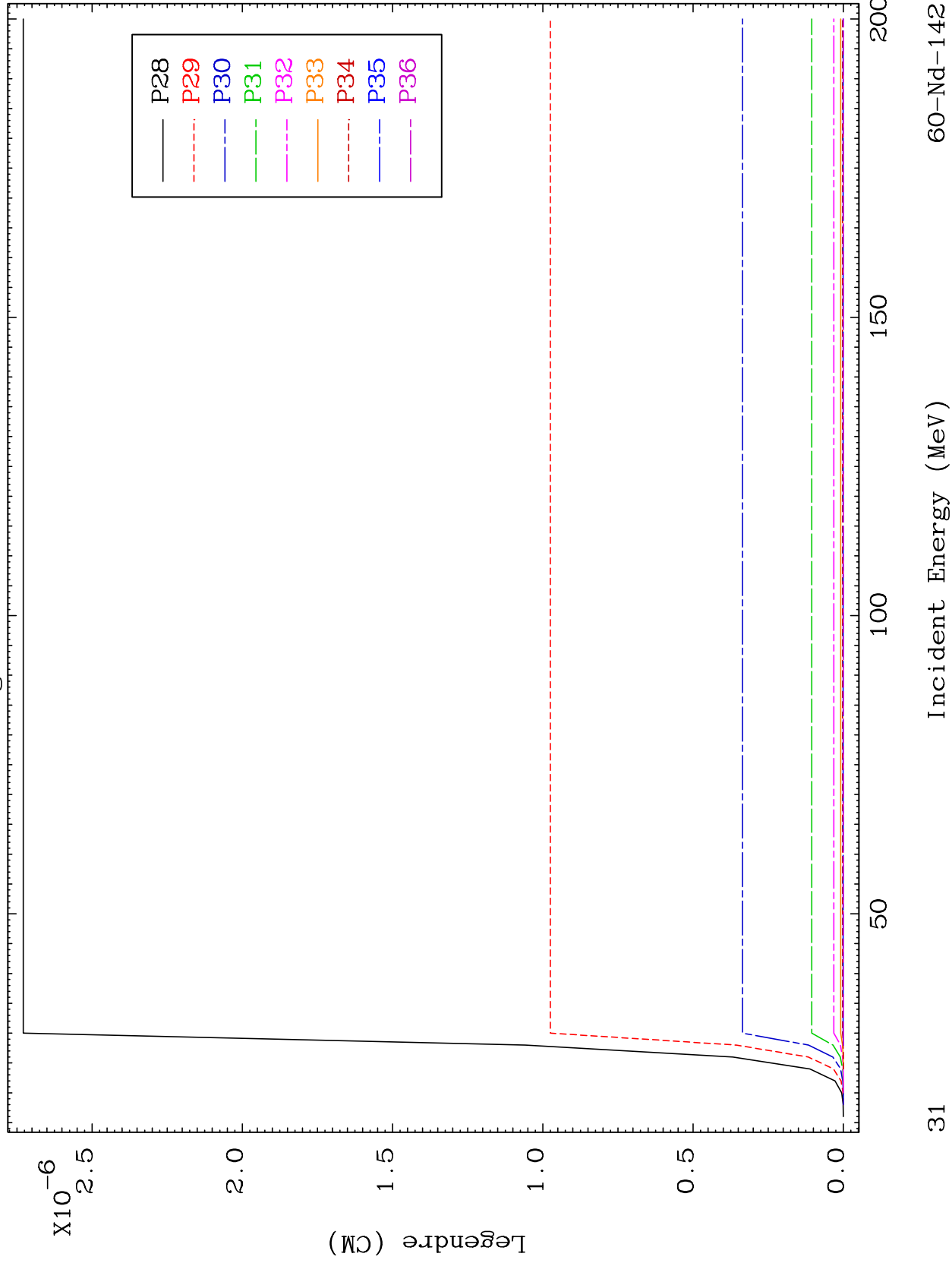
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

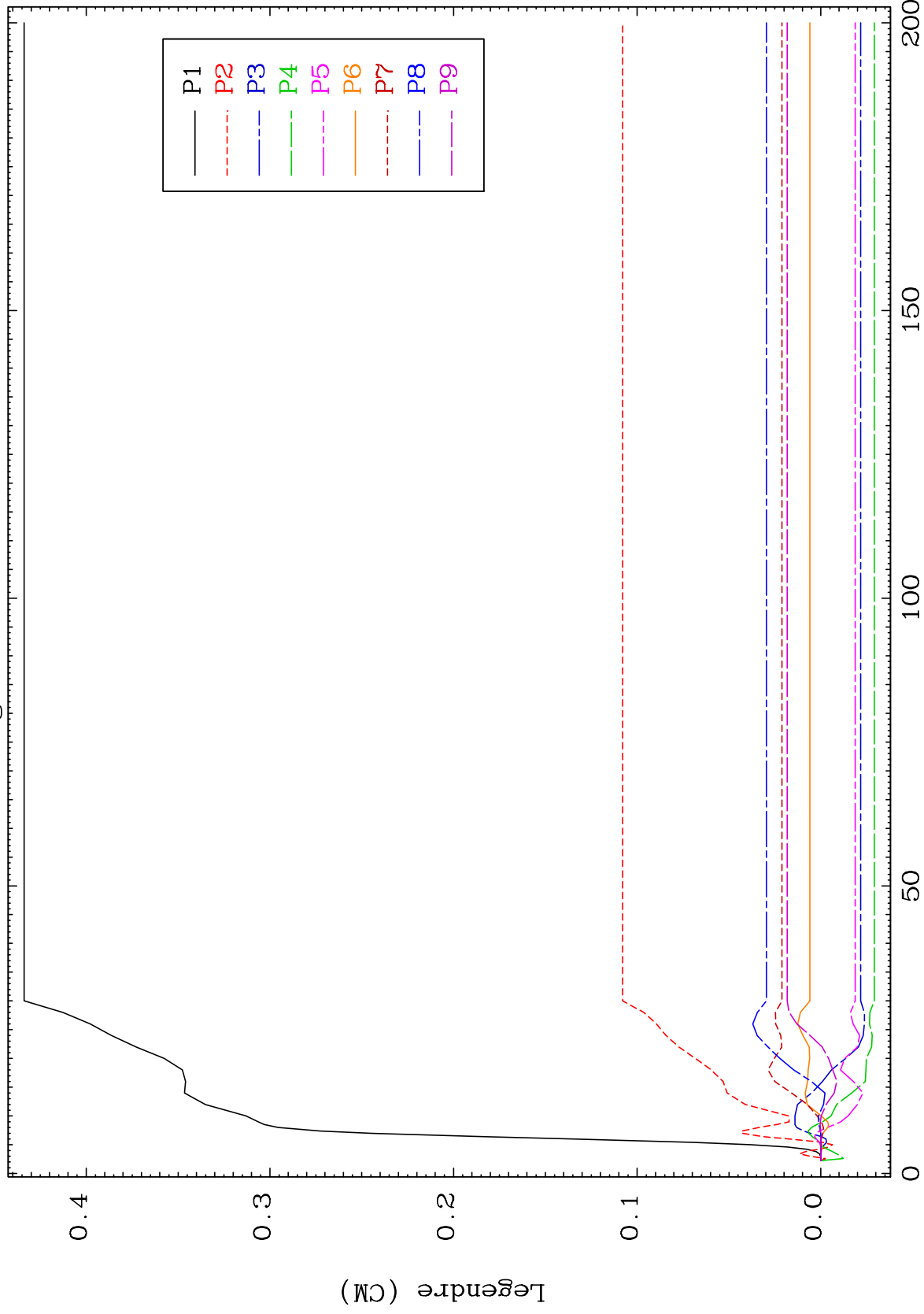
60-Nd-142



MAT 6025

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

60-Nd-142



60-Nd-142

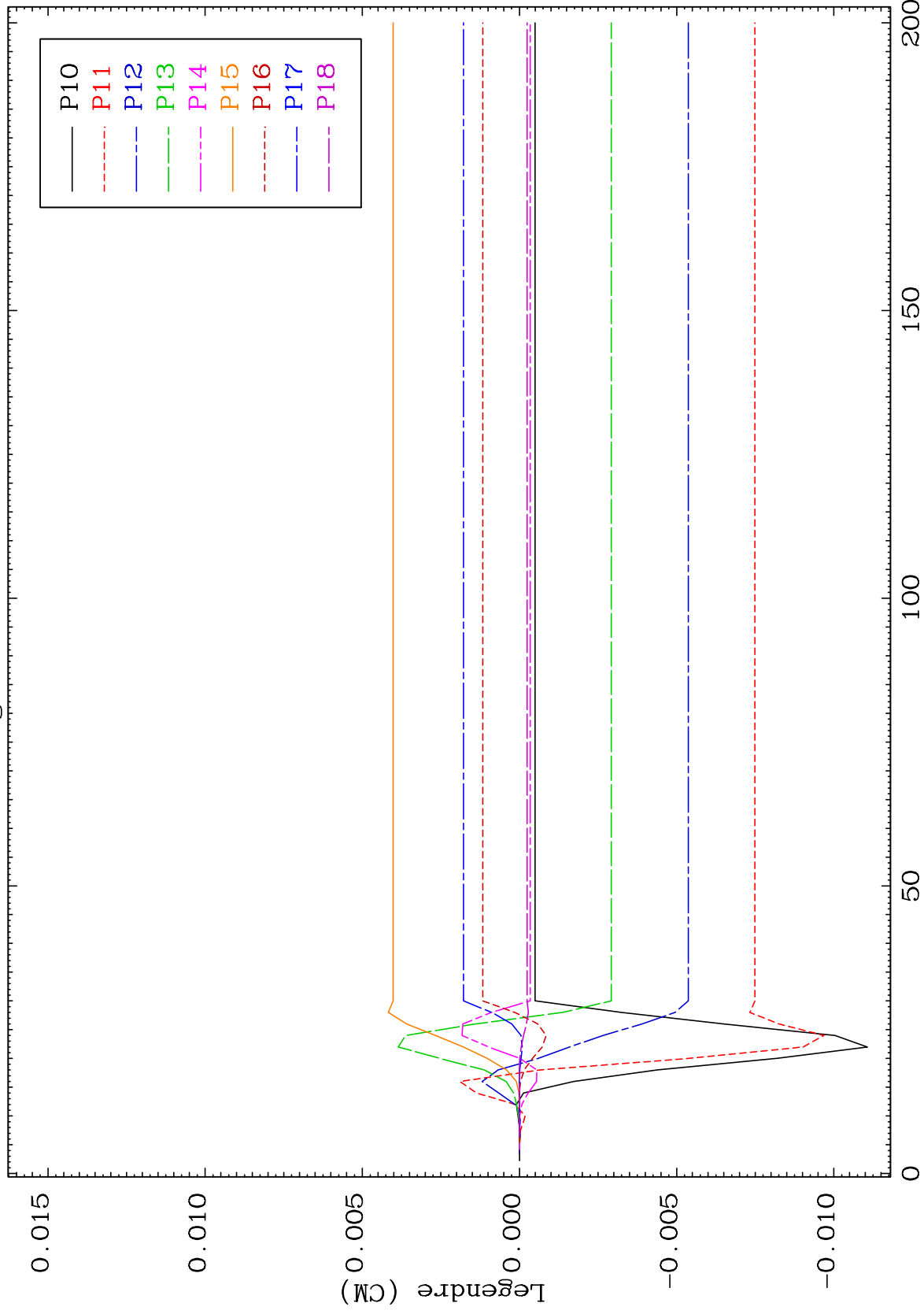
Incident Energy (MeV)

32

MAT 6025

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

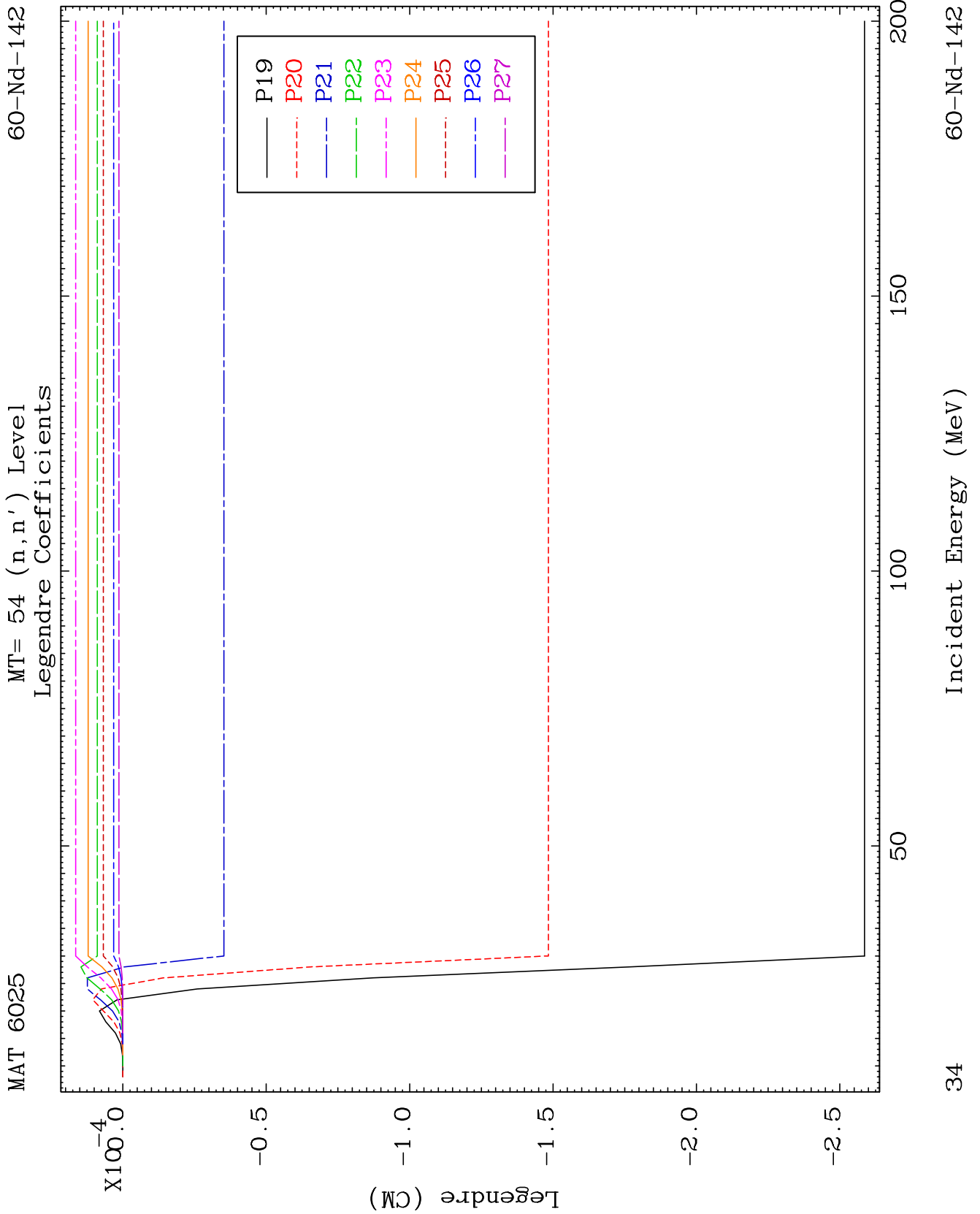
60-Nd-142



33

Incident Energy (MeV)

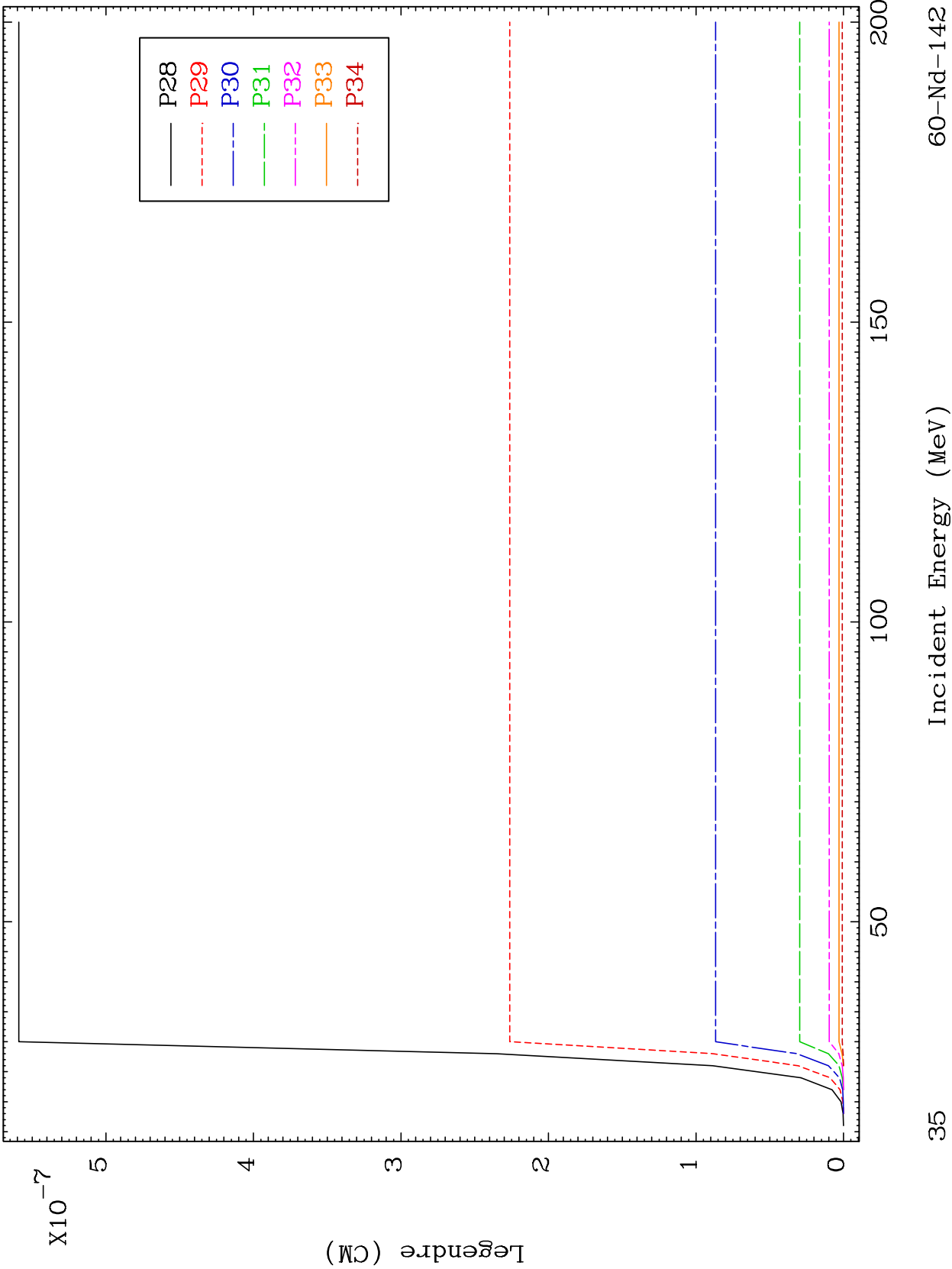
60-Nd-142



MAT 6025

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

60-Nd-142



35

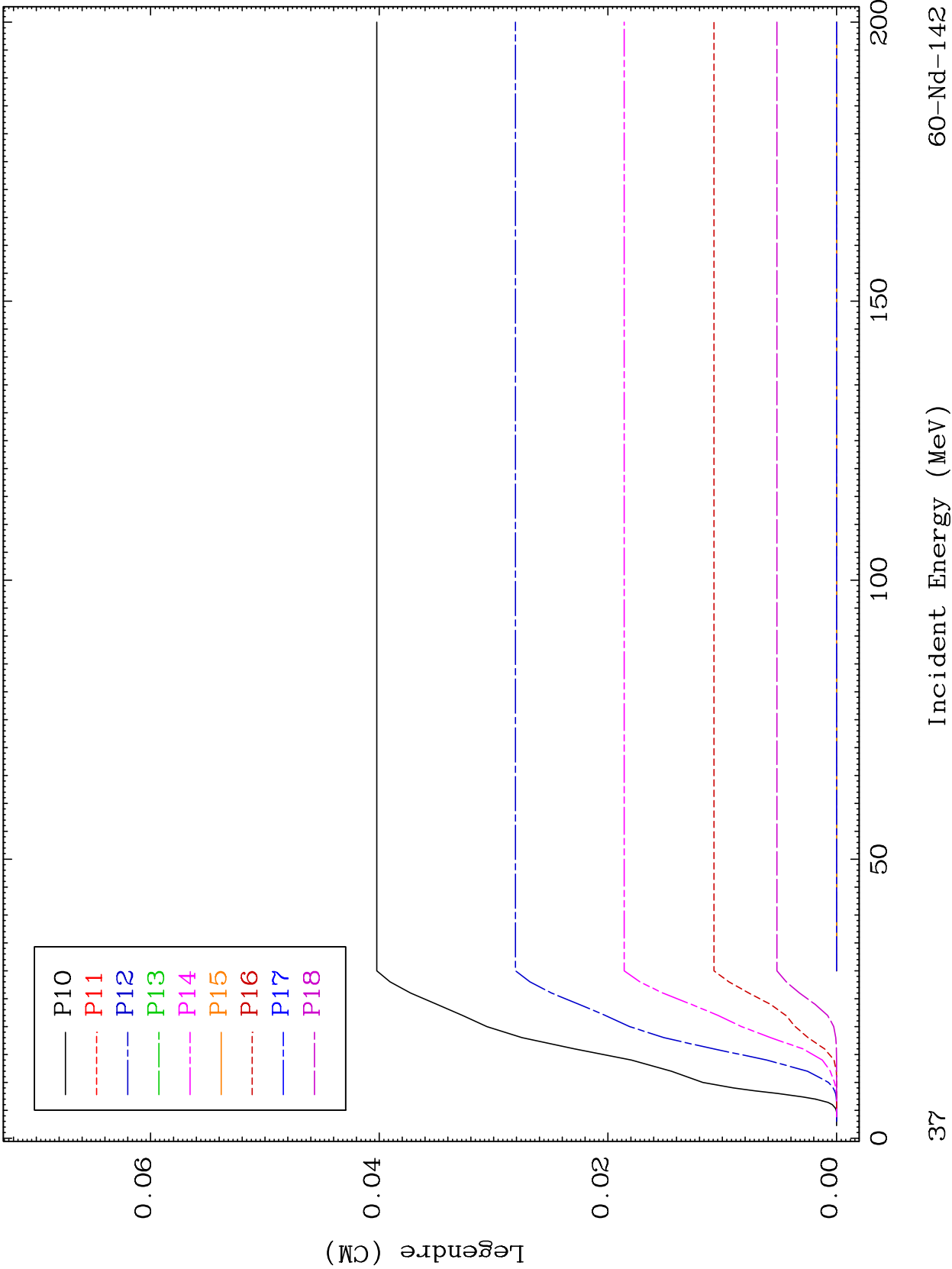
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

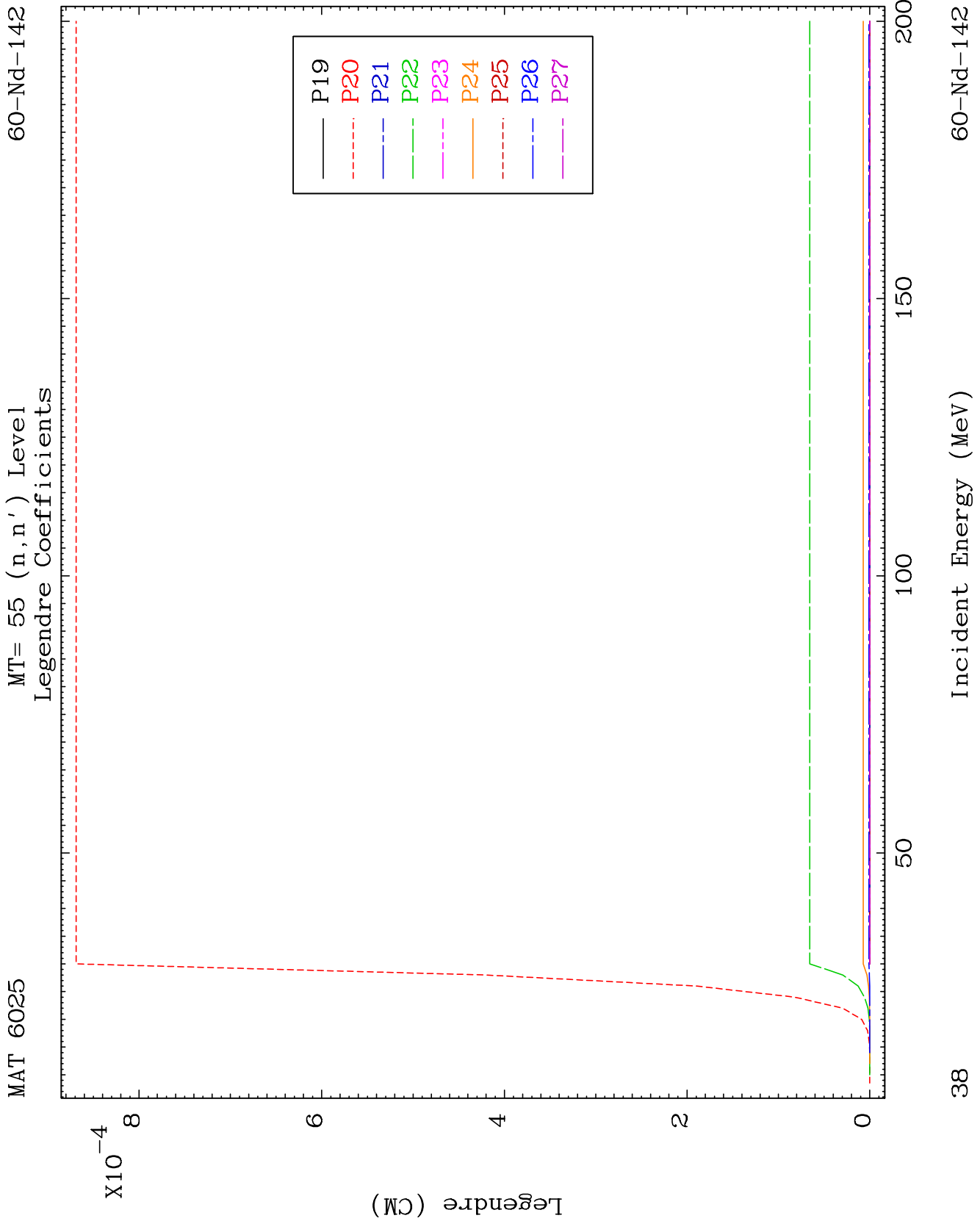
60-Nd-142



37

Incident Energy (MeV)

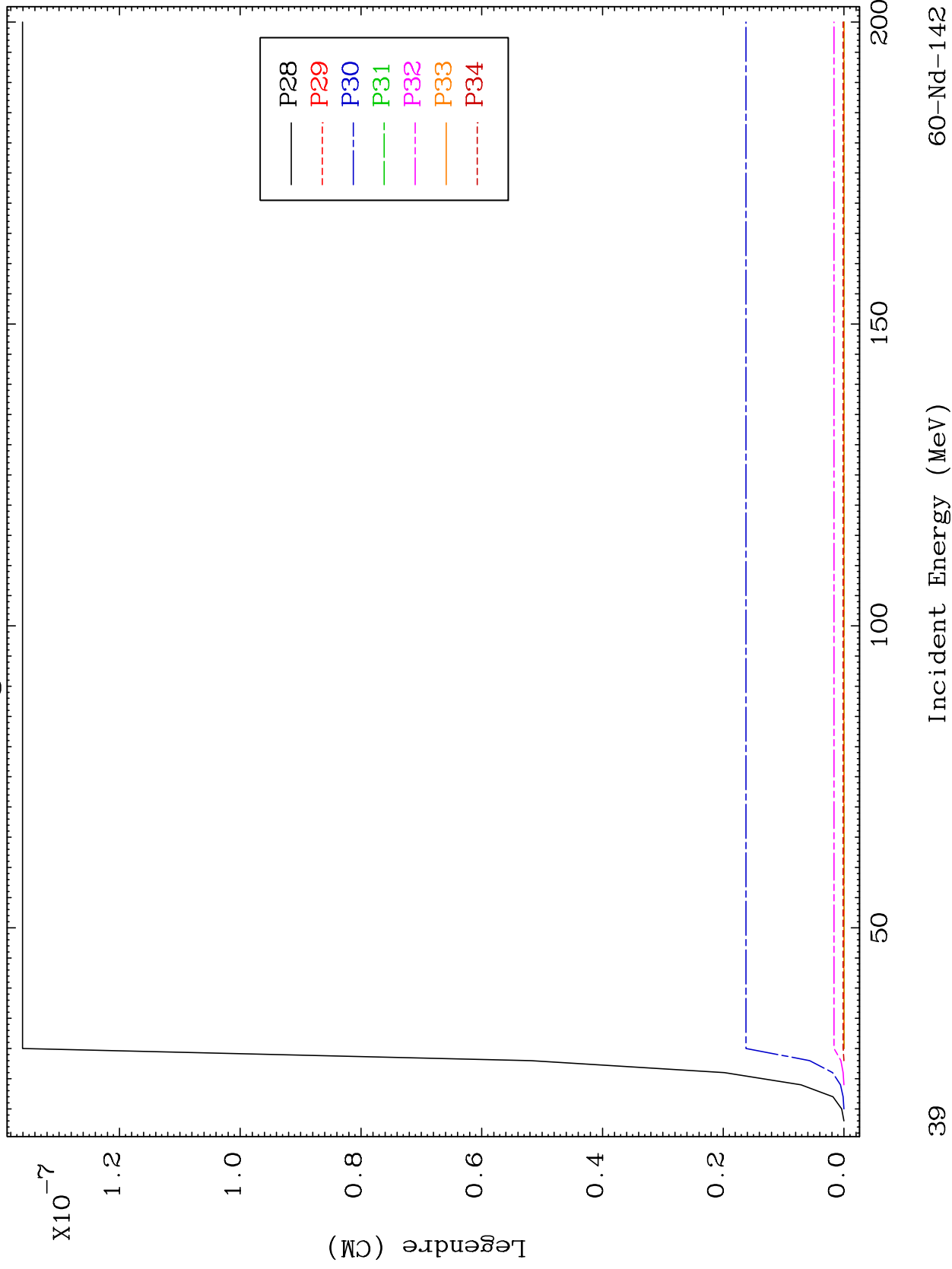
60-Nd-142



MAT 6025

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

60-Nd-142



39

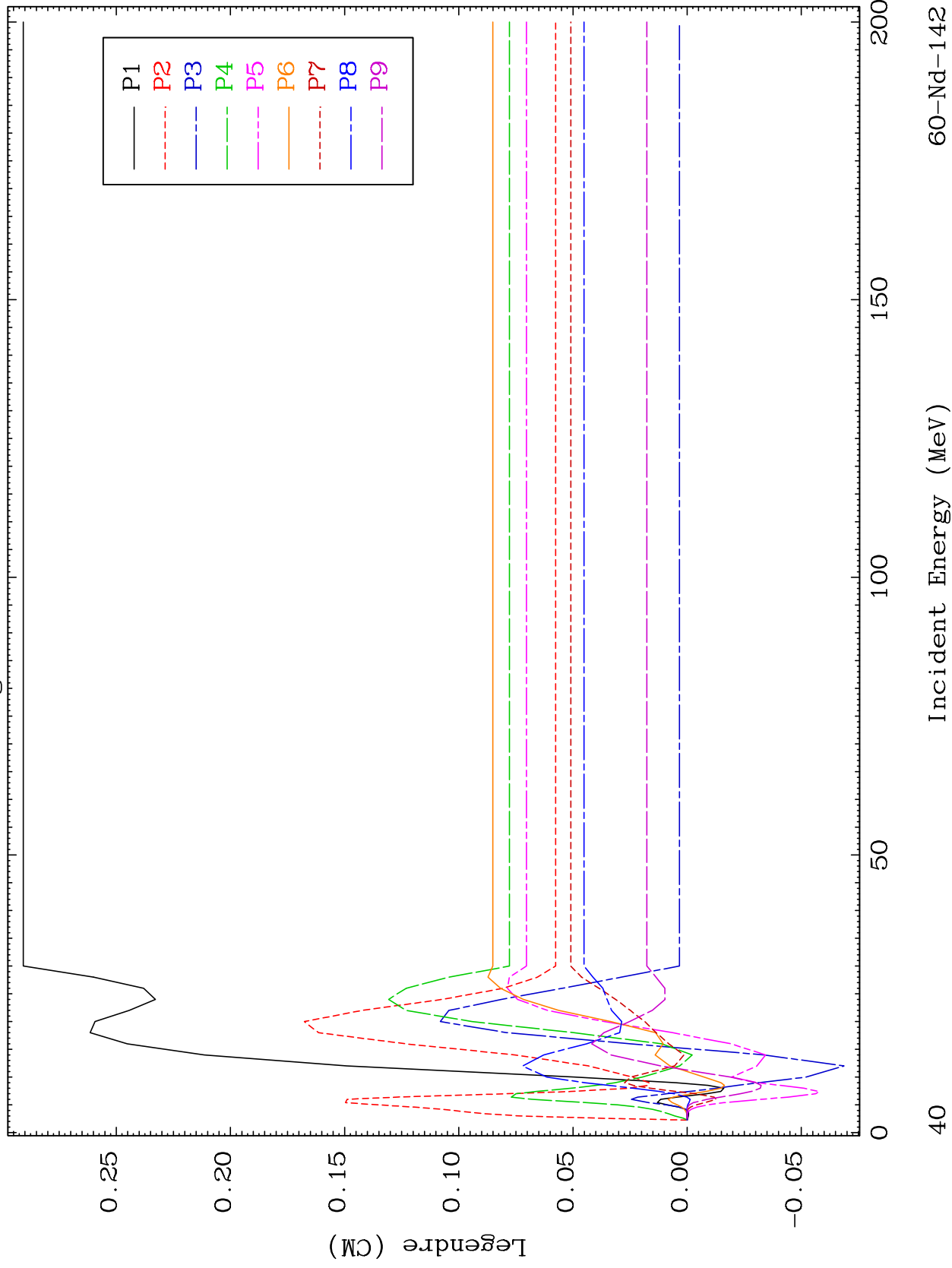
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



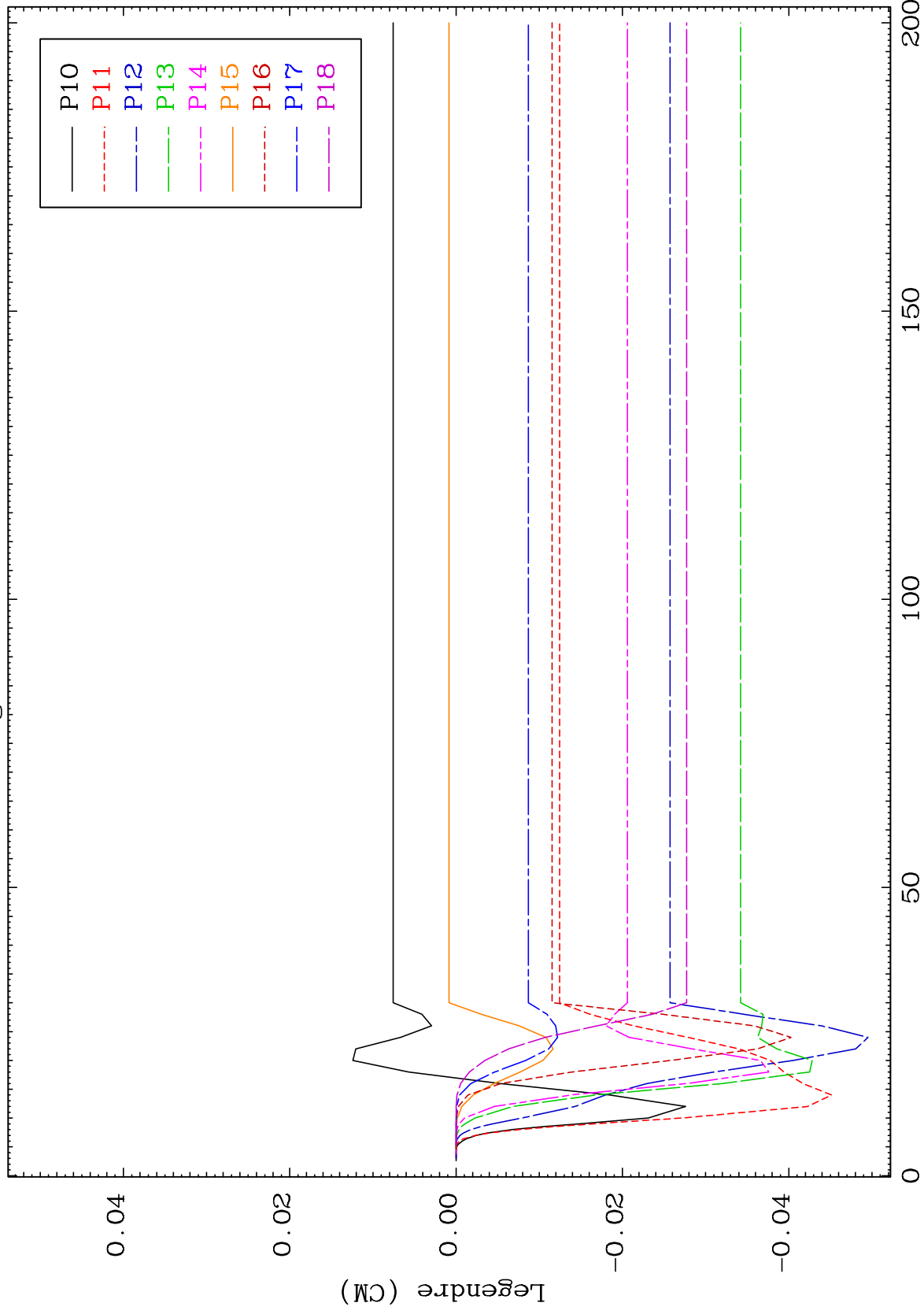
60-Nd-142

Incident Energy (MeV)

MAT 6025

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

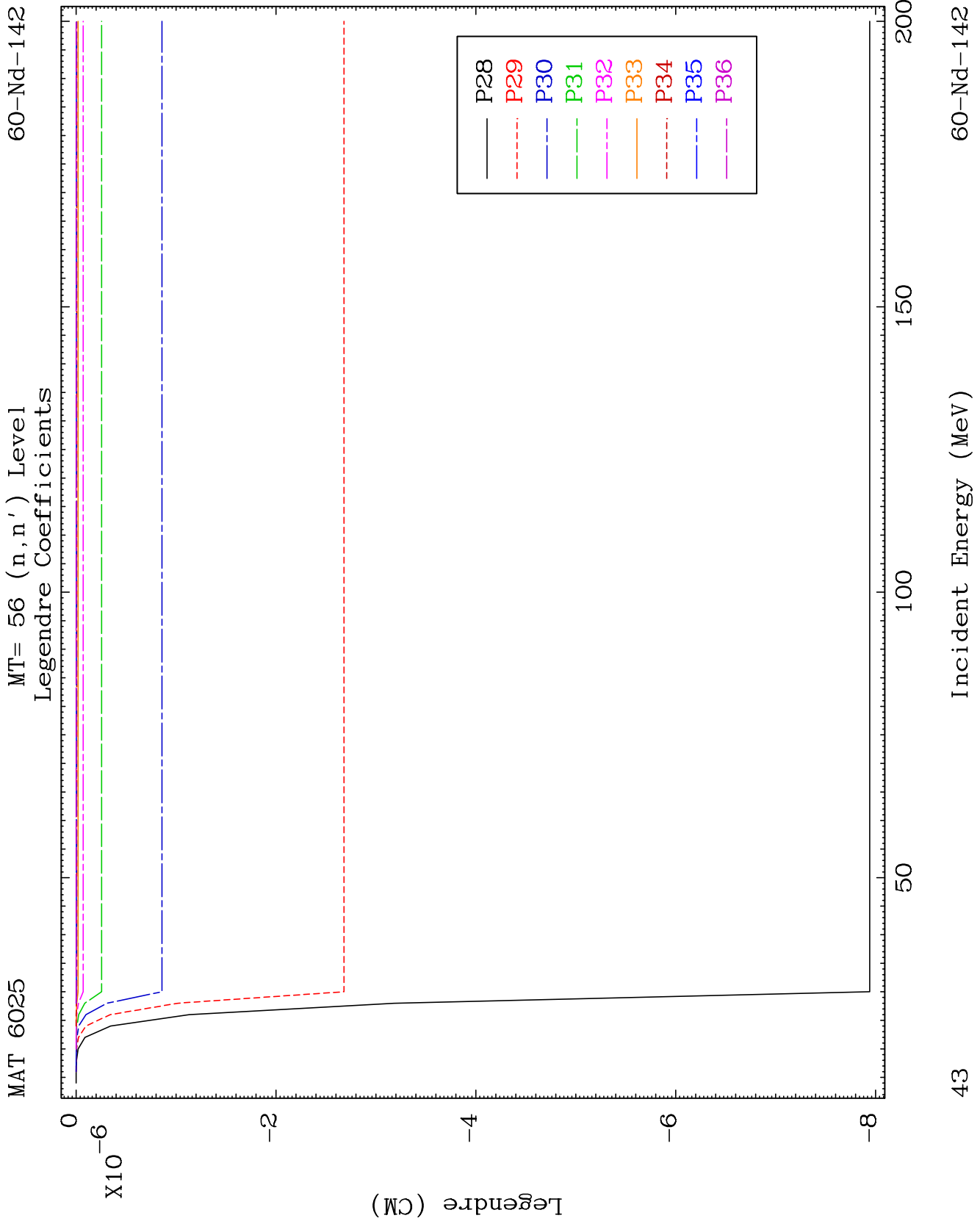
60-Nd-142



41

Incident Energy (MeV)

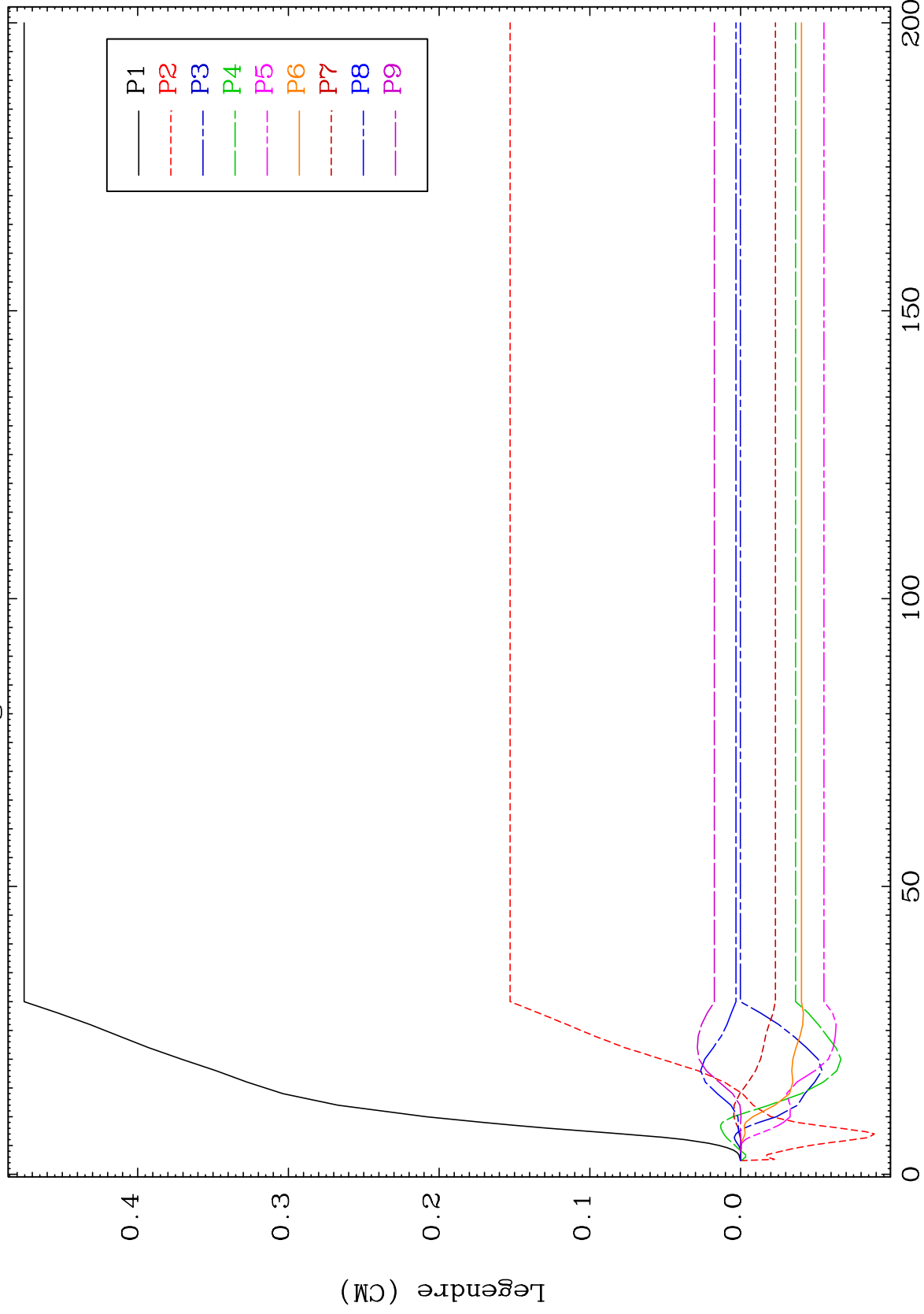
60-Nd-142



MAT 6025

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

60-Nd-142



44

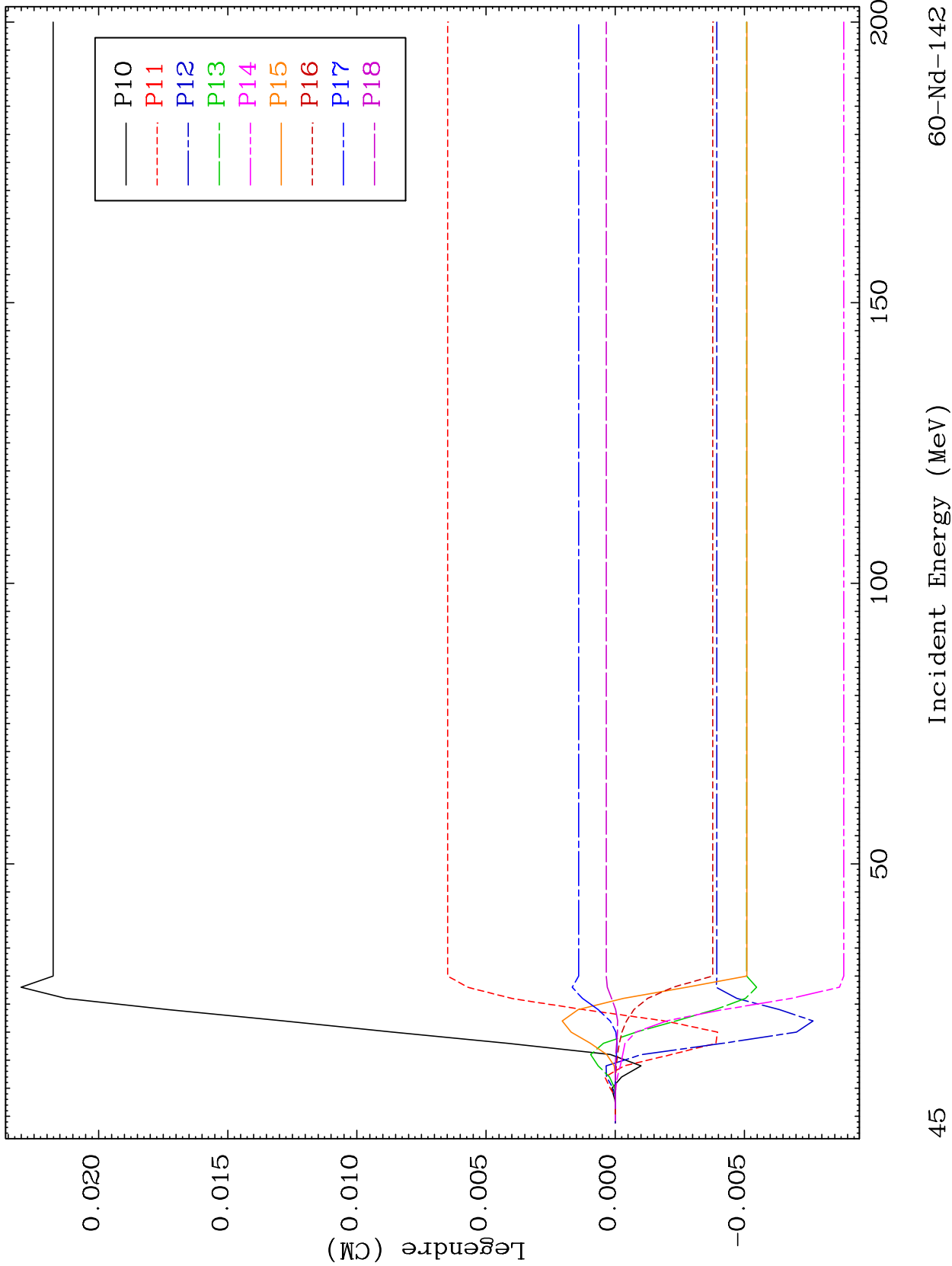
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



45

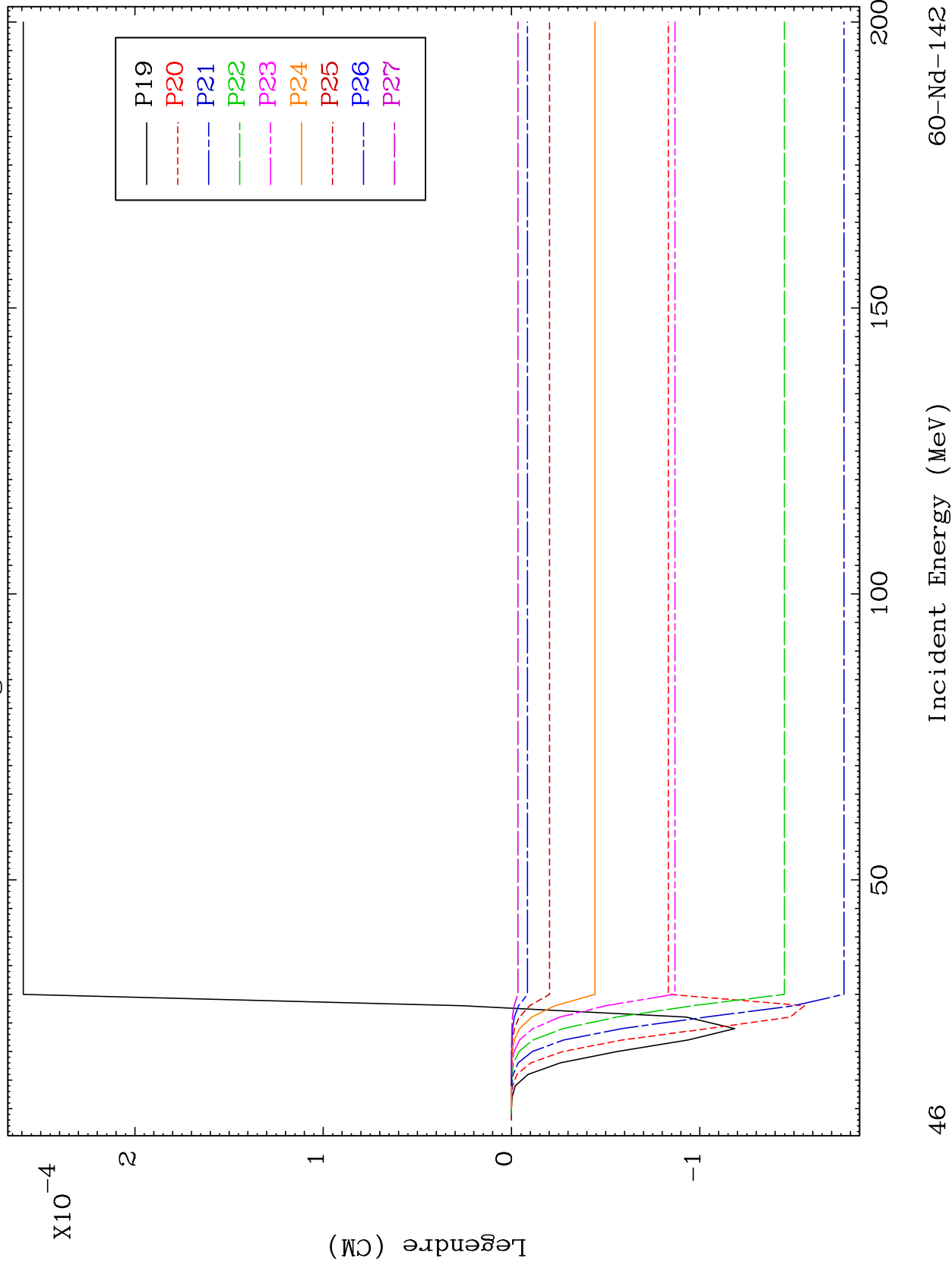
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

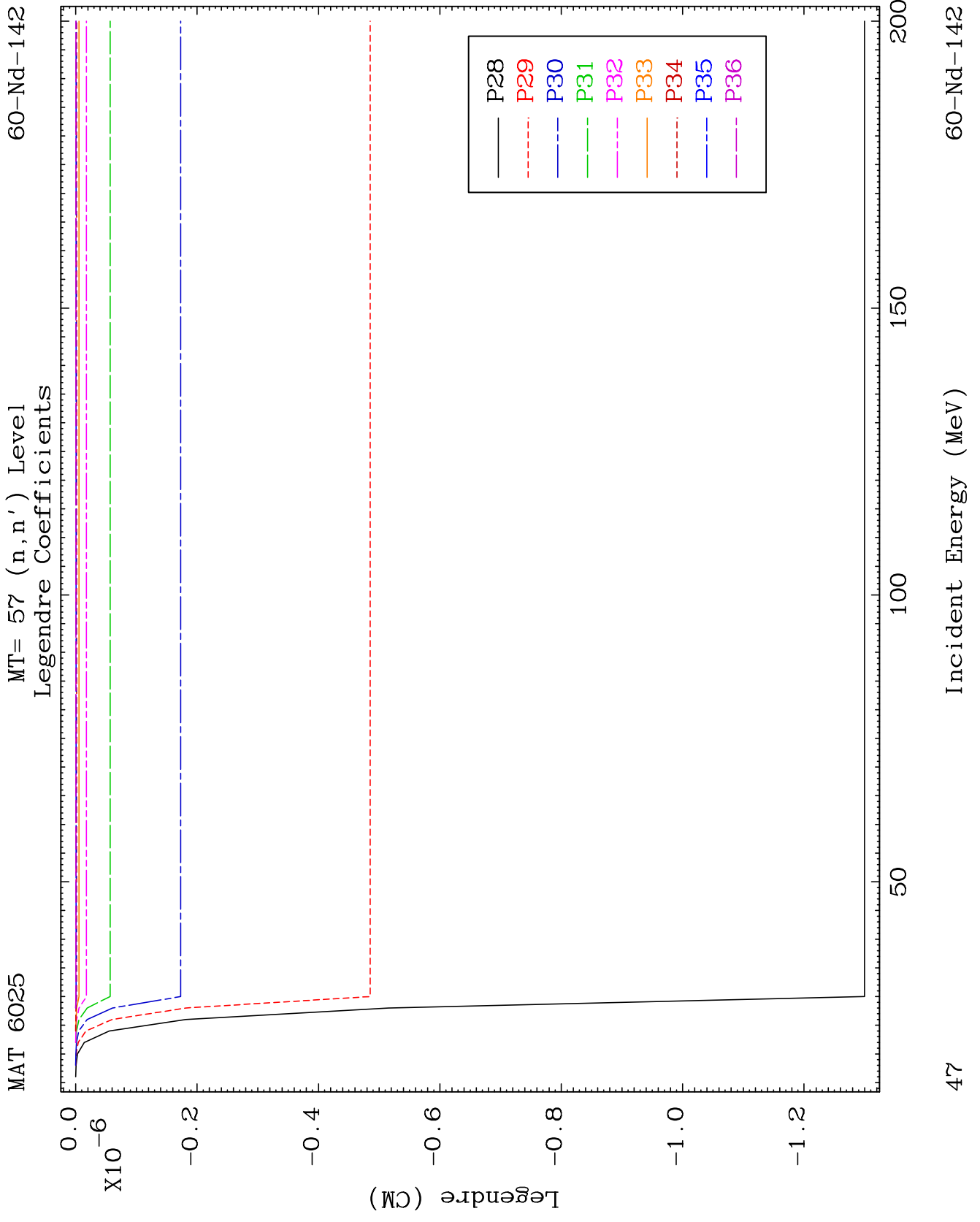
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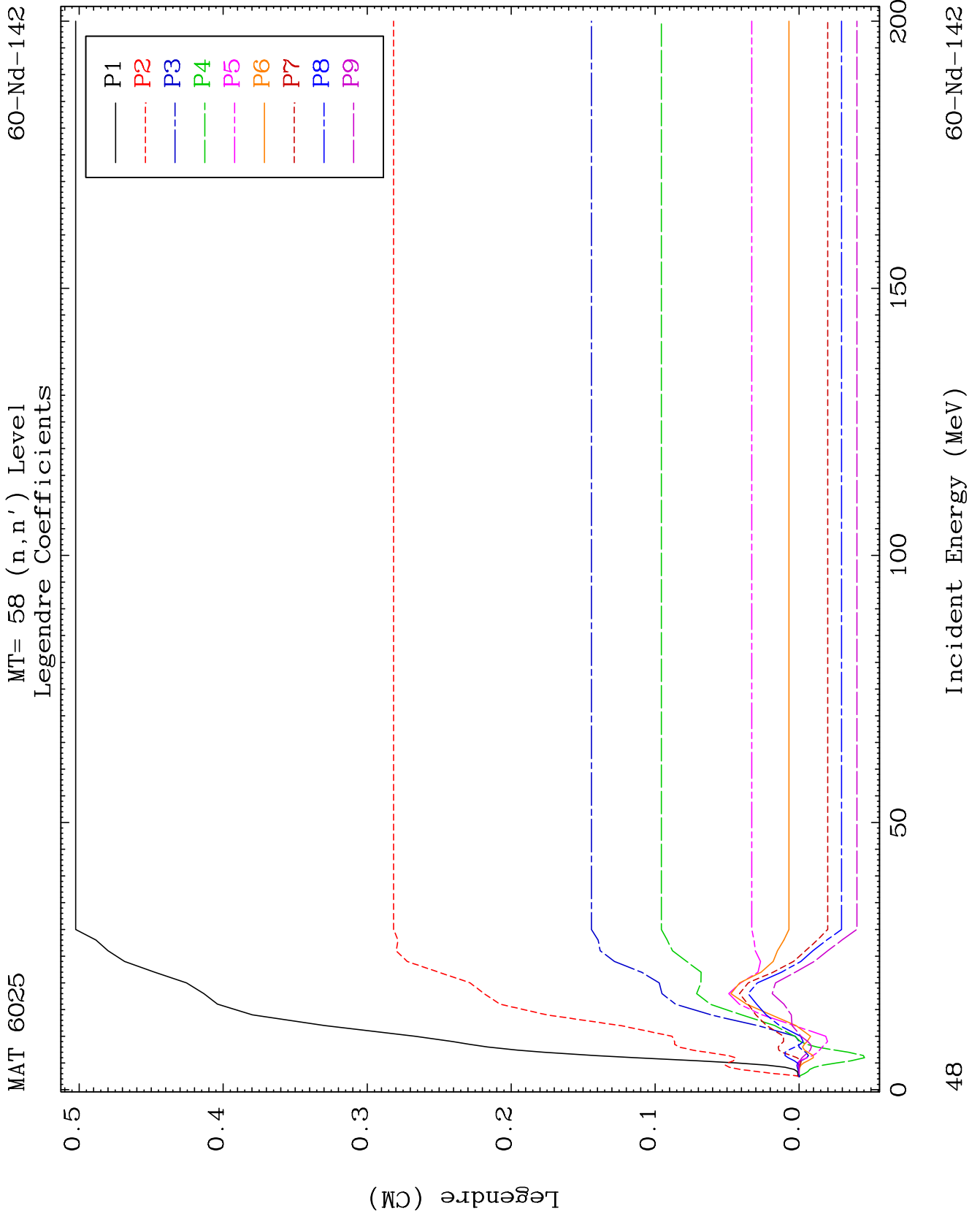


46

Incident Energy (MeV)

60-Nd-142

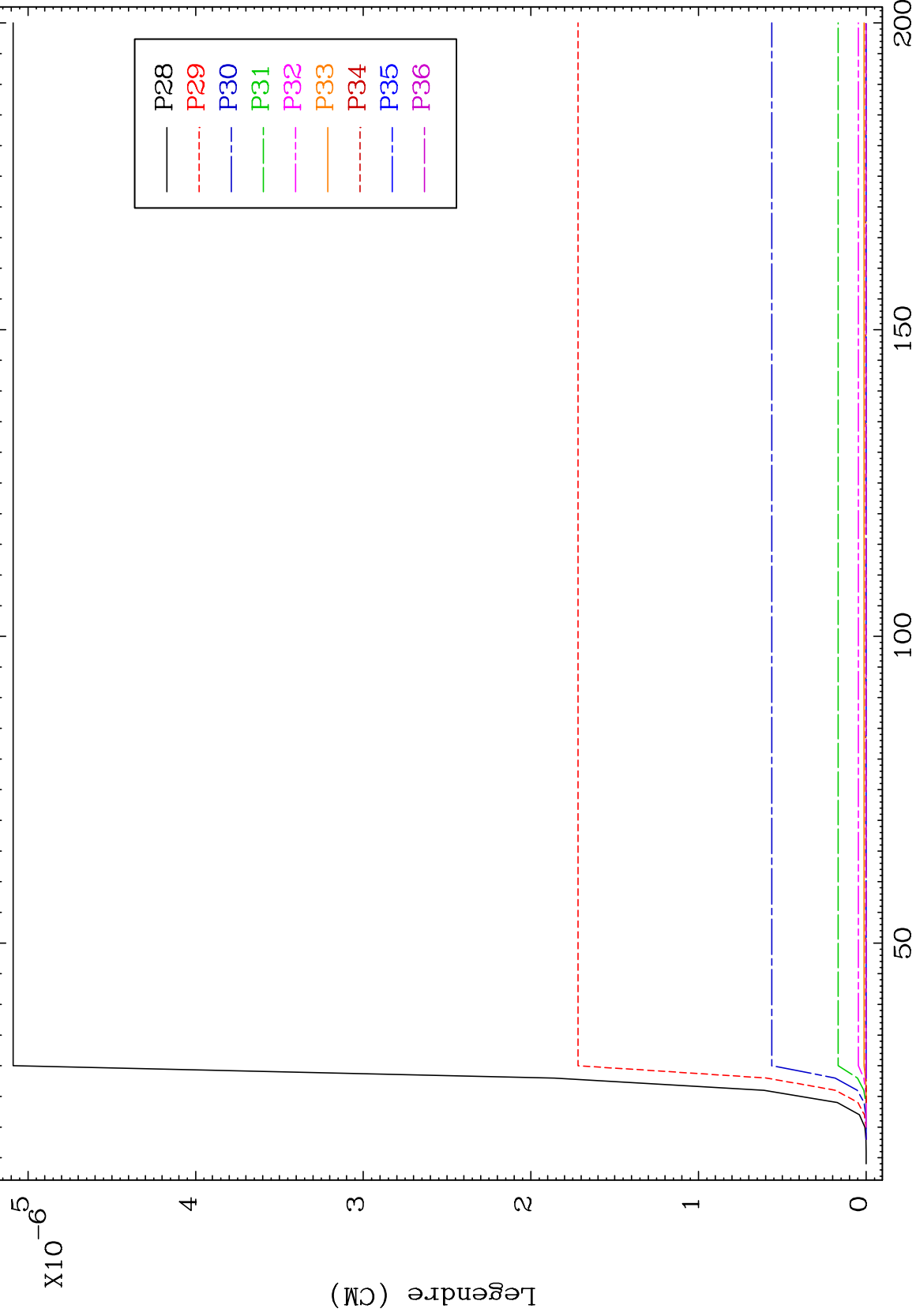




MAT 6025

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

60-Nd-142



51

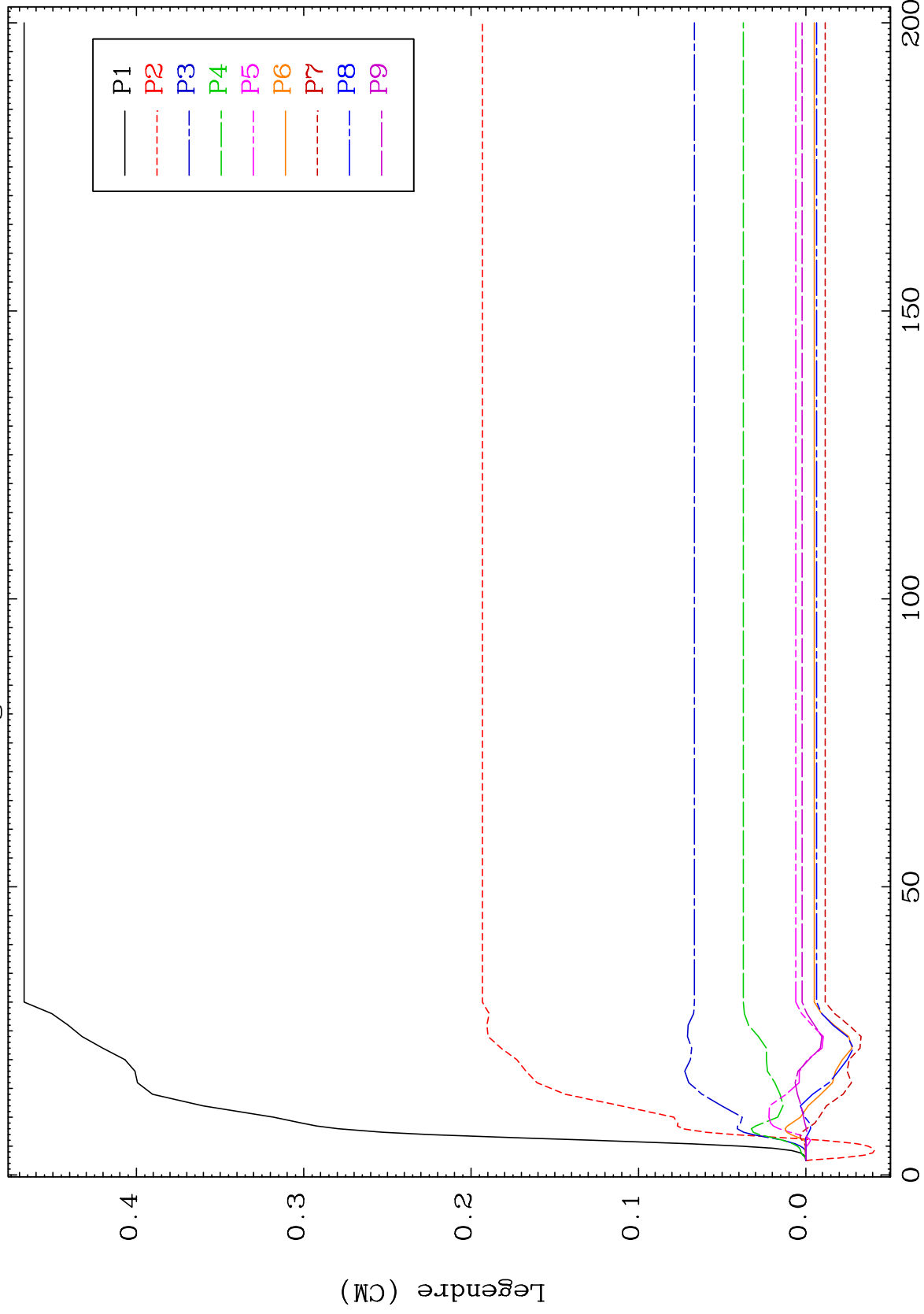
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



52

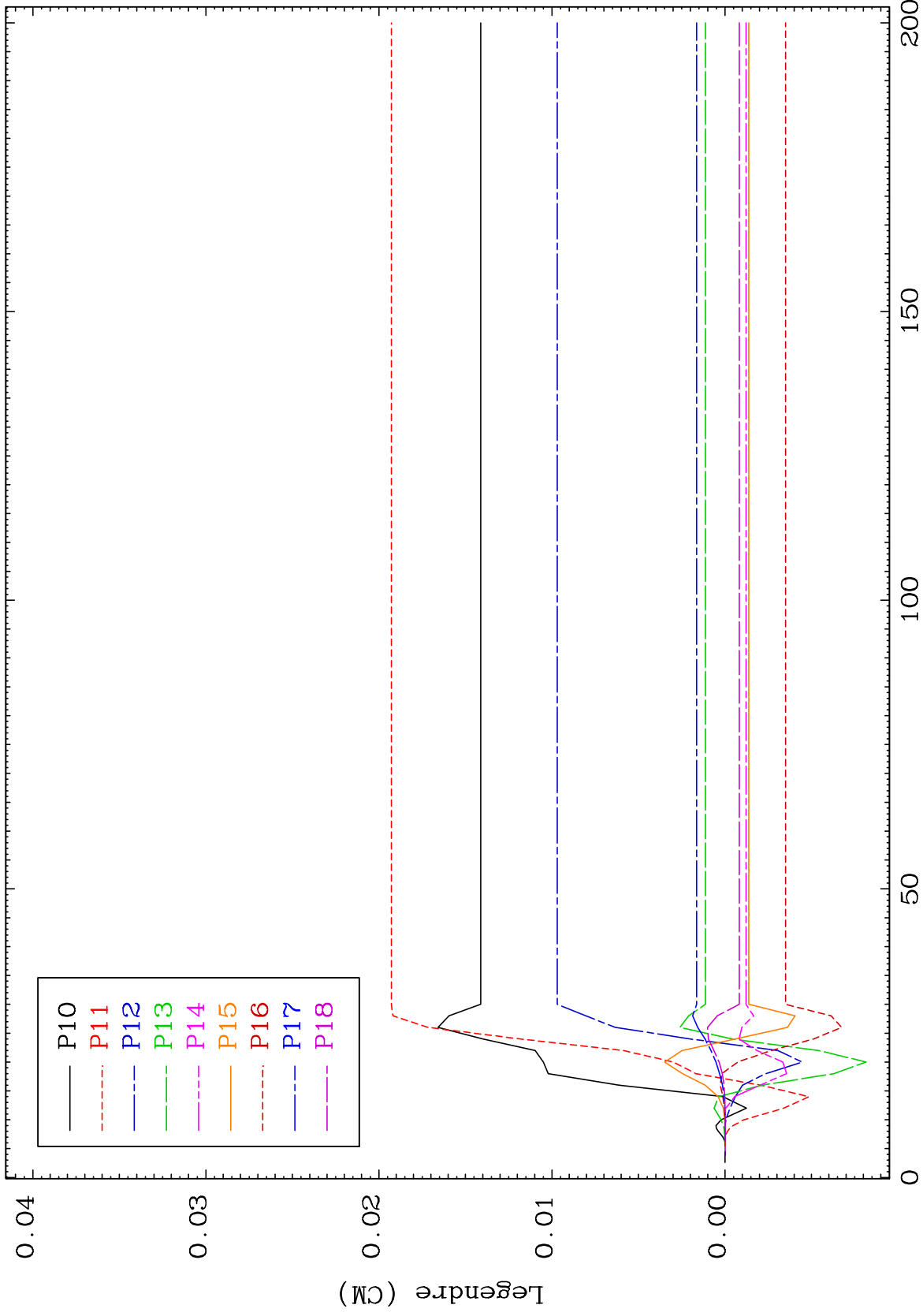
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



53

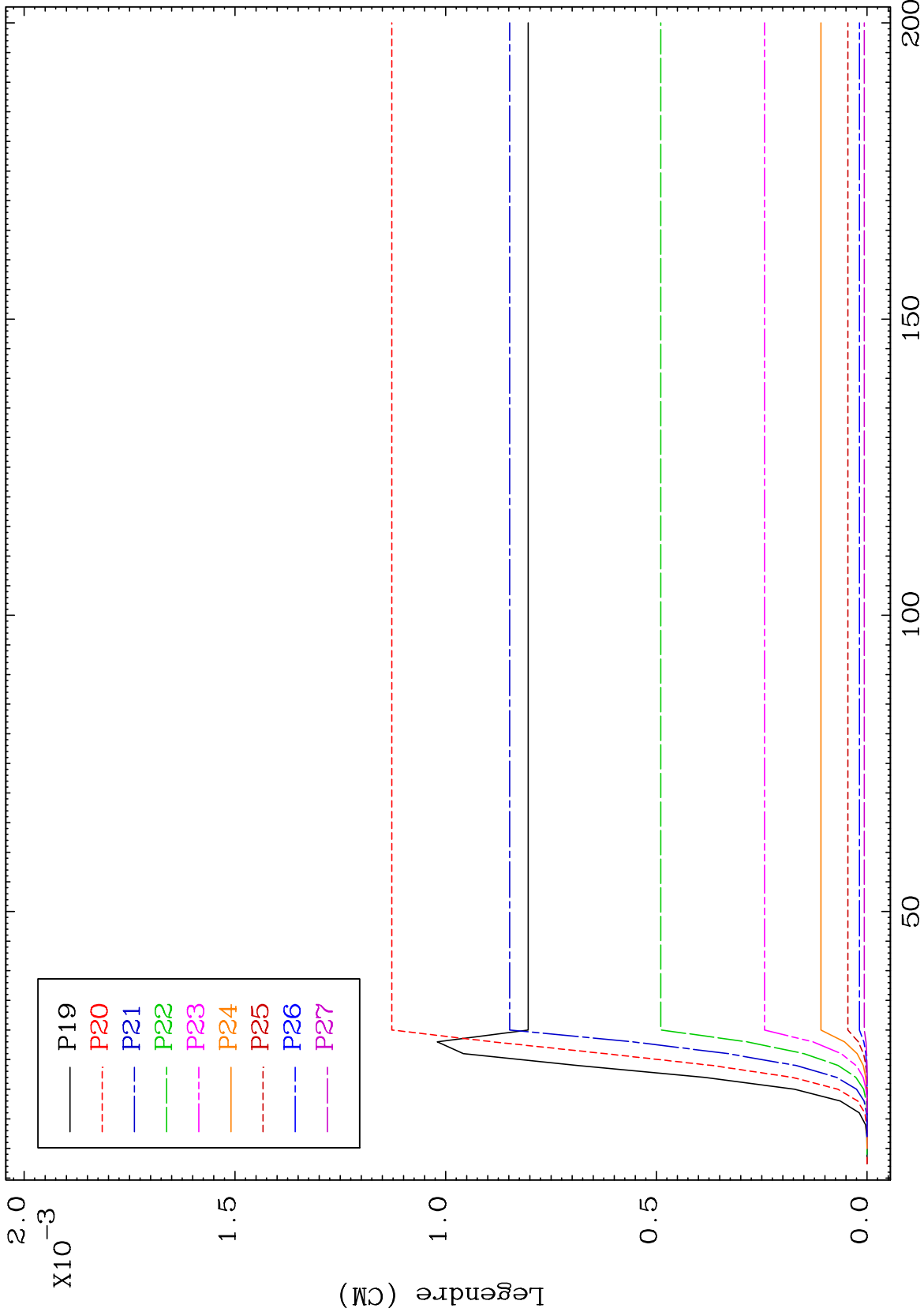
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



54

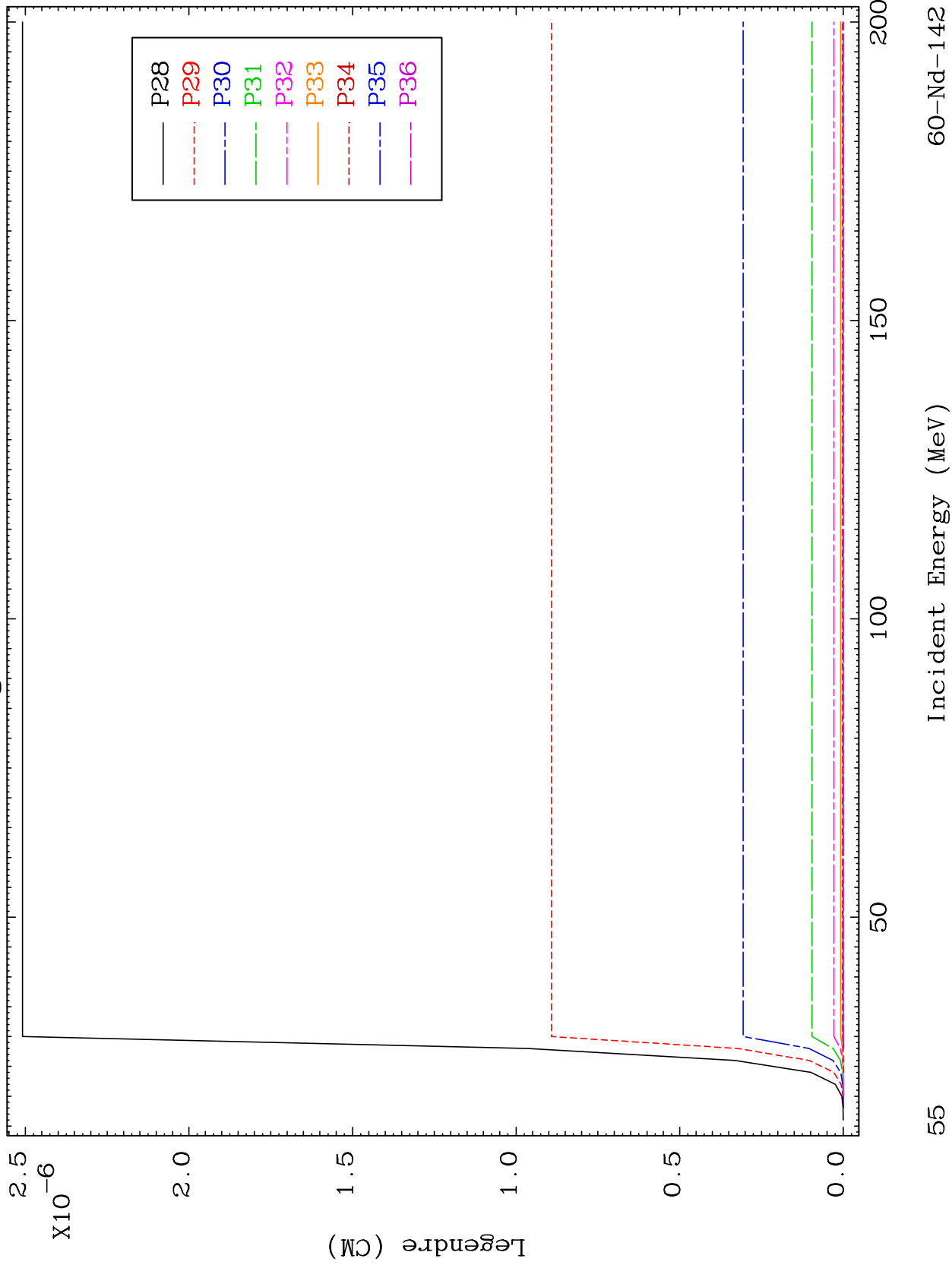
Incident Energy (MeV)

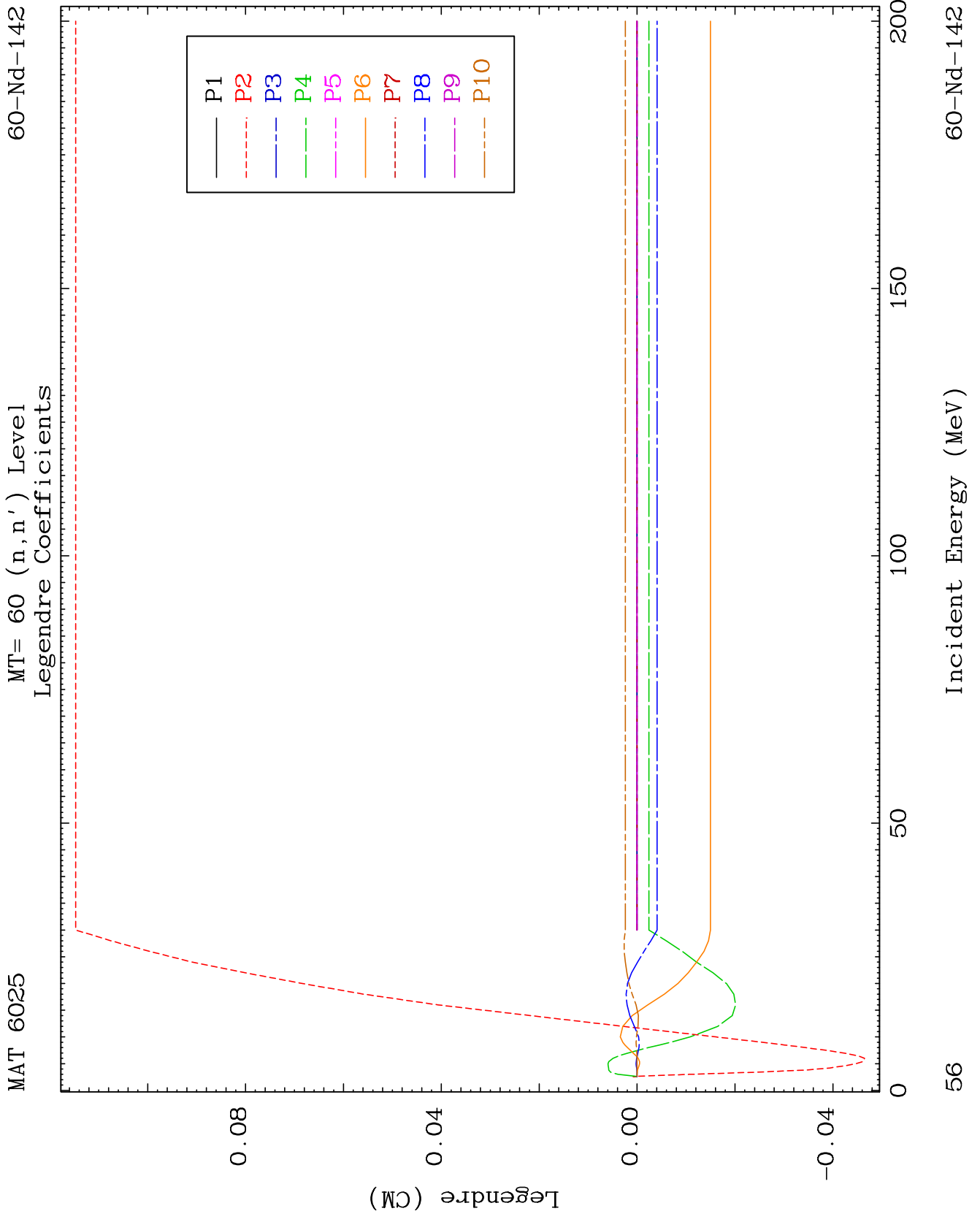
60-Nd-142

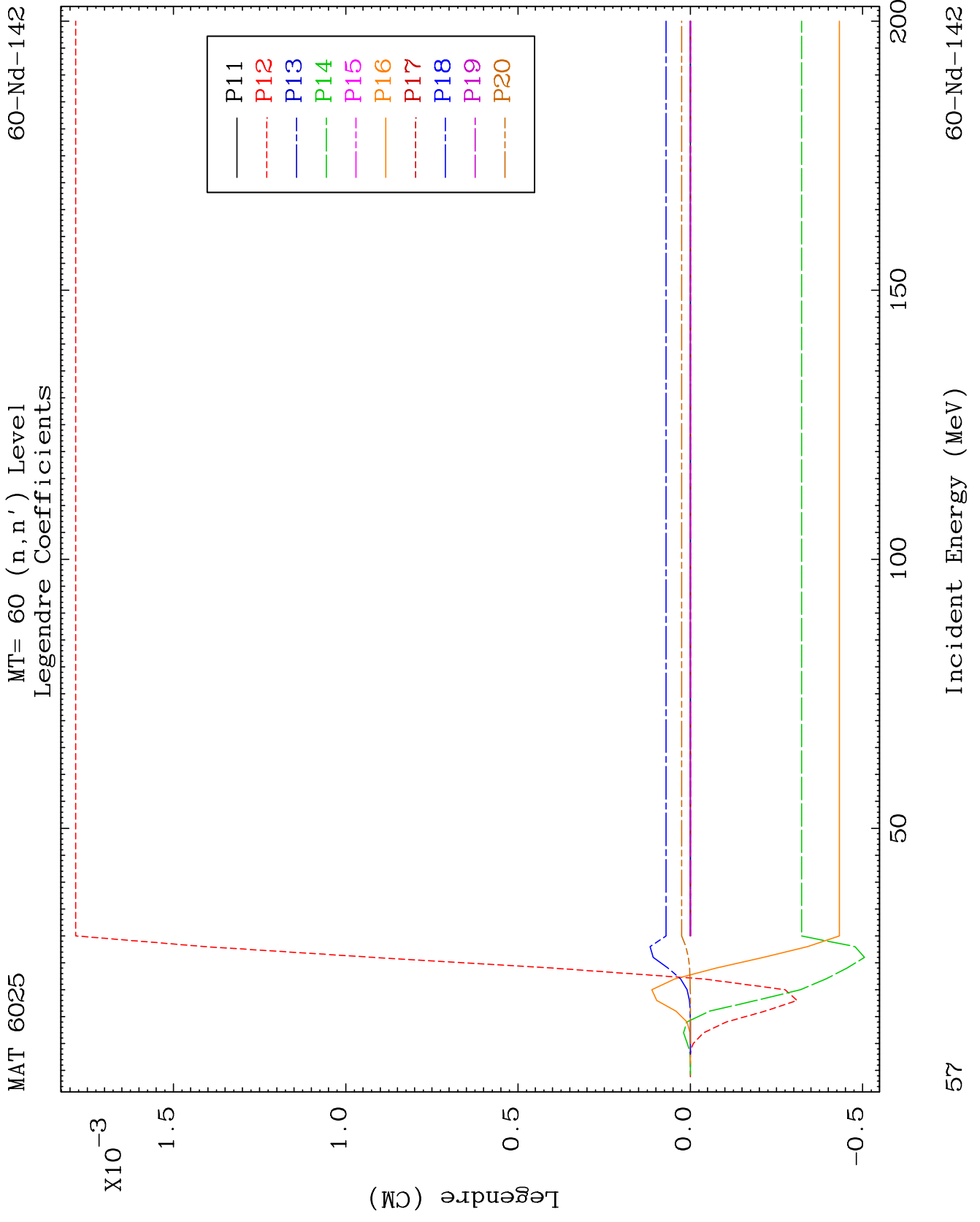
MAT 6025

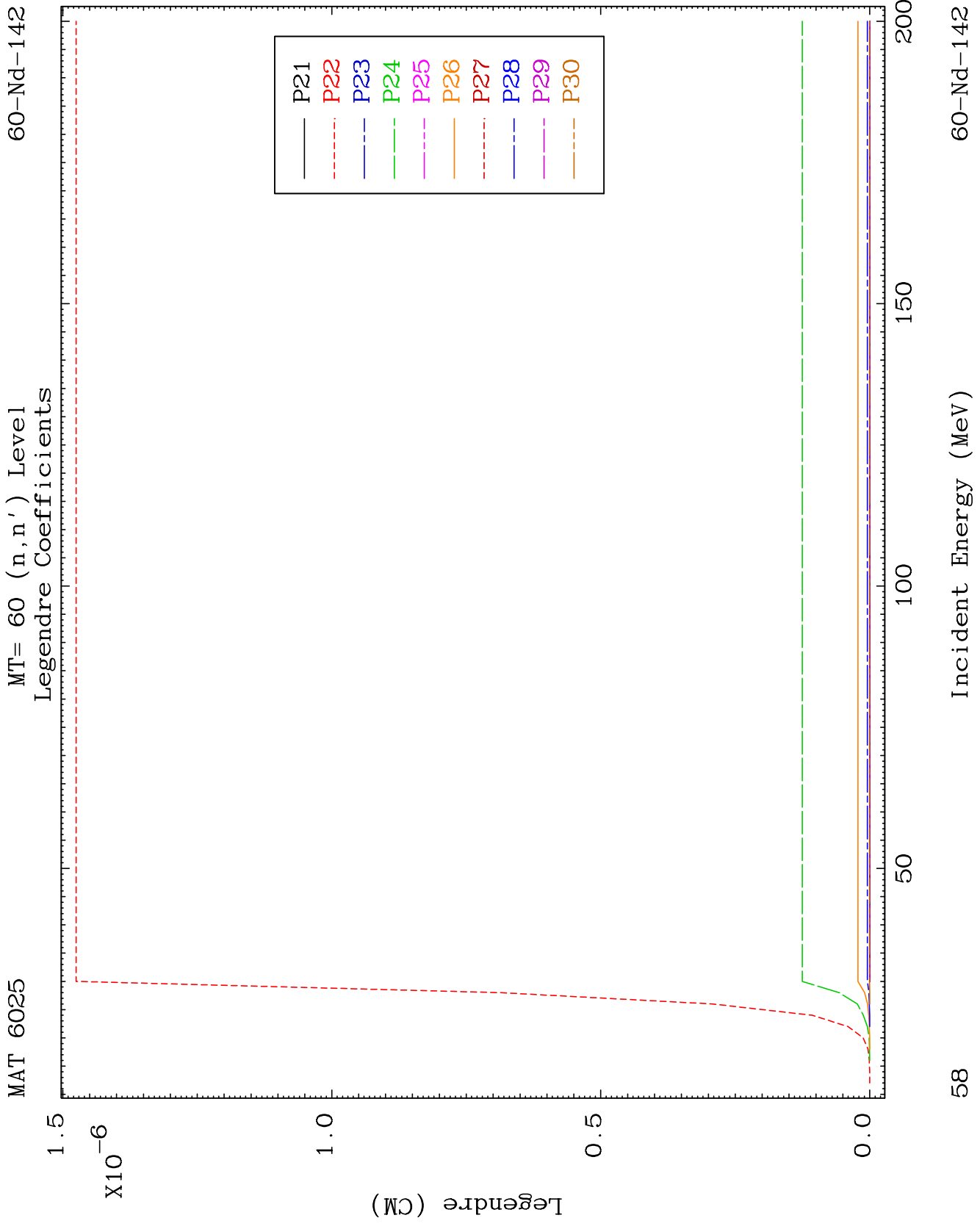
MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-142





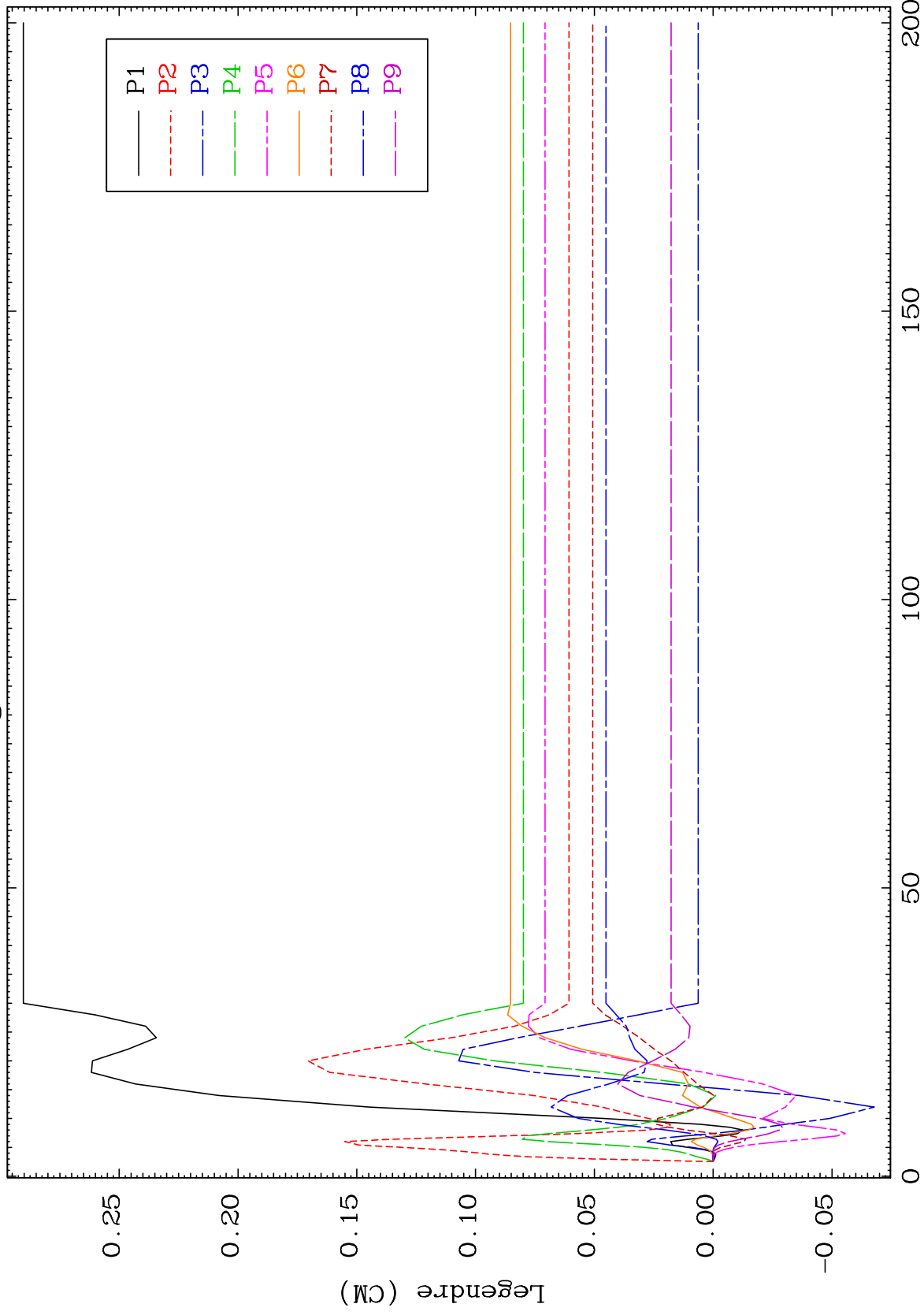




MAT 6025

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

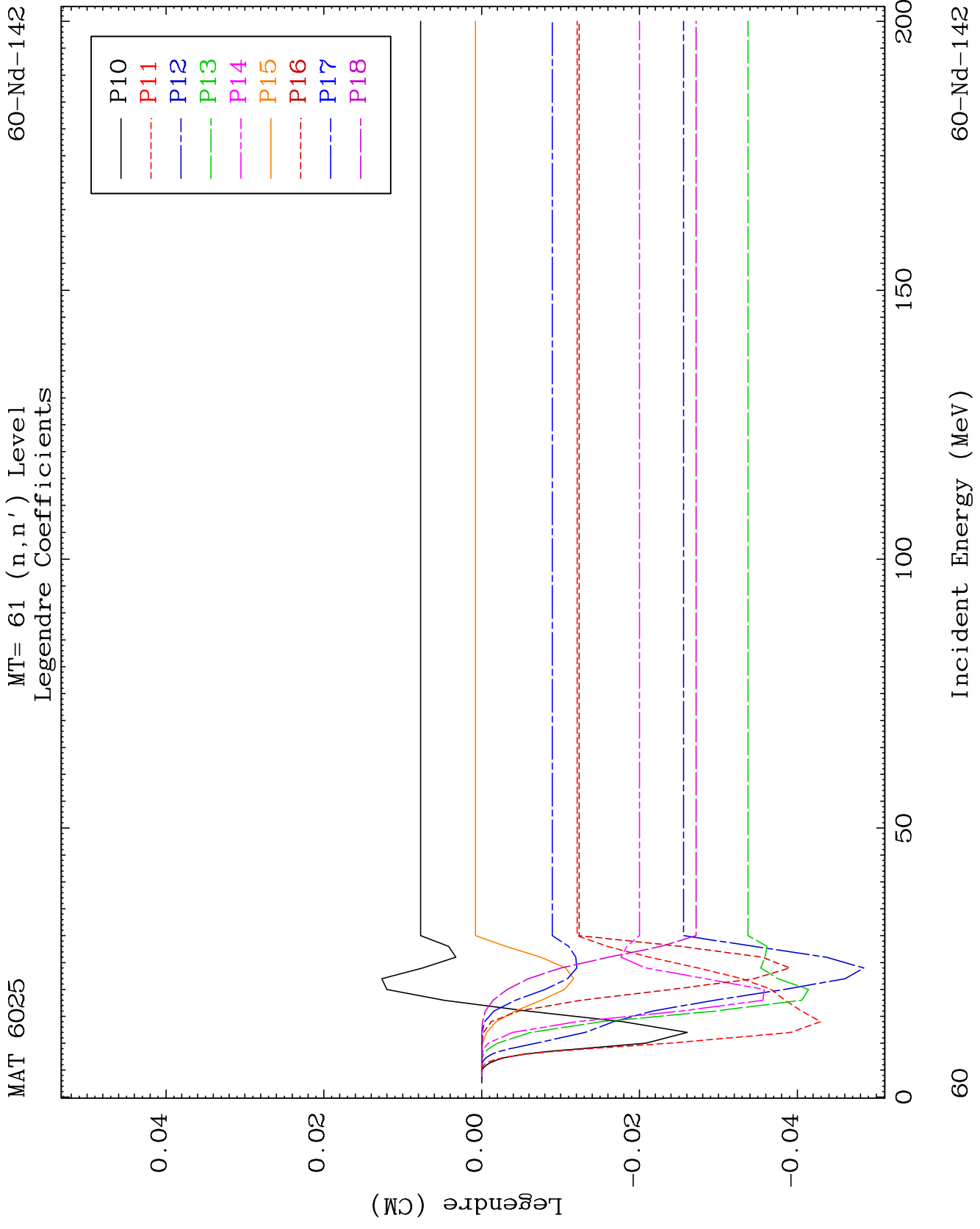
60-Nd-142

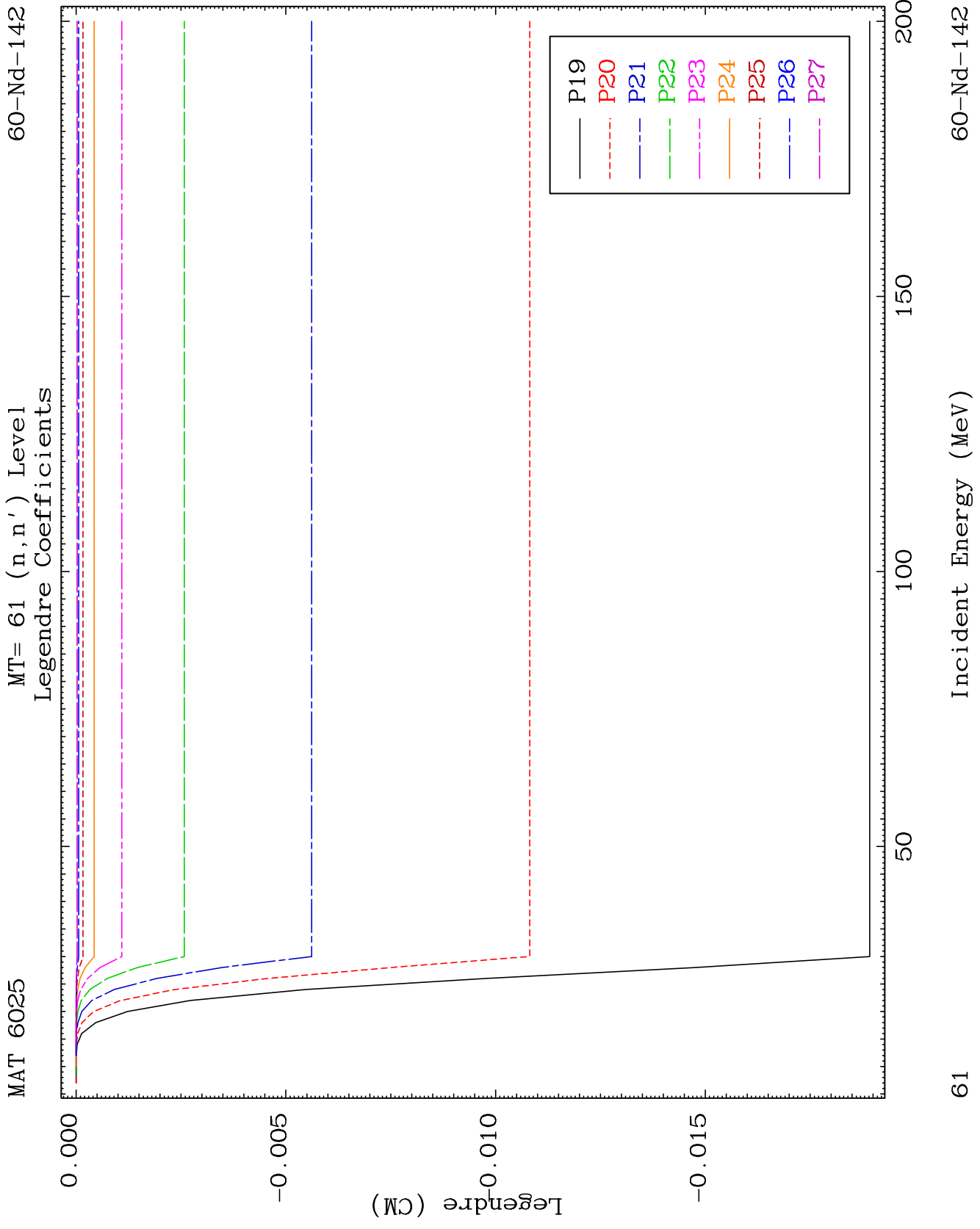


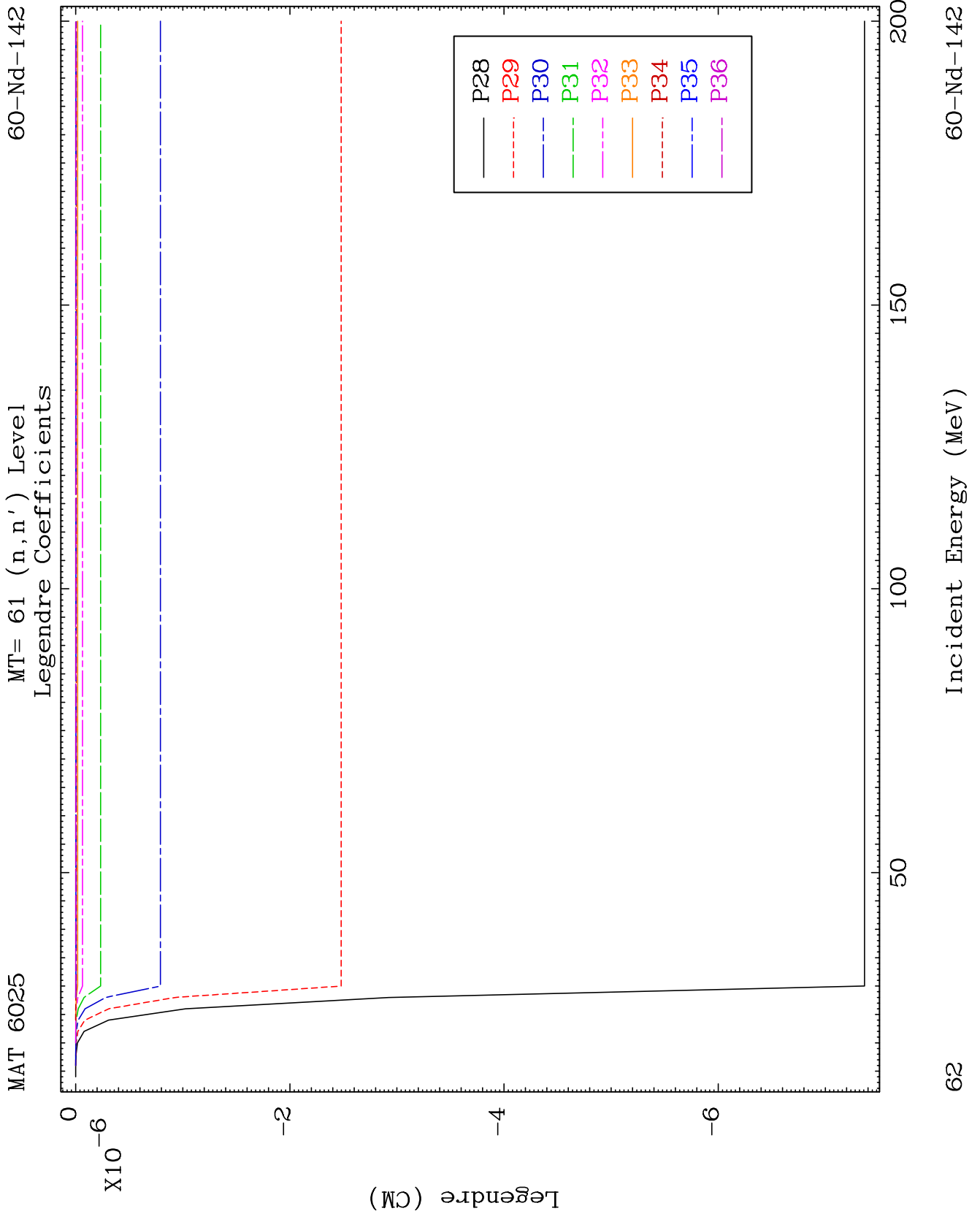
59

Incident Energy (MeV)

60-Nd-142



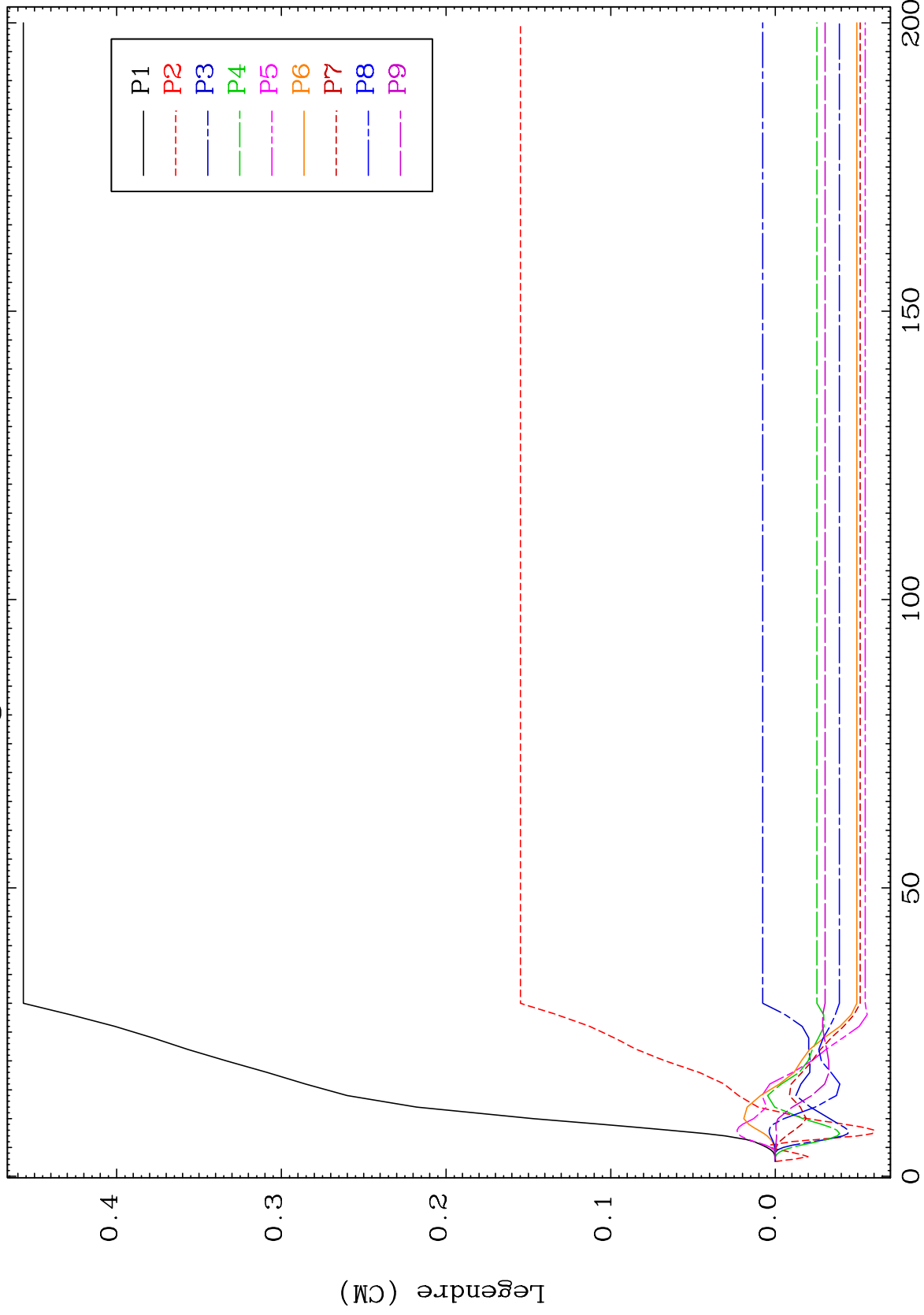




MAT 6025

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

60-Nd-142



63

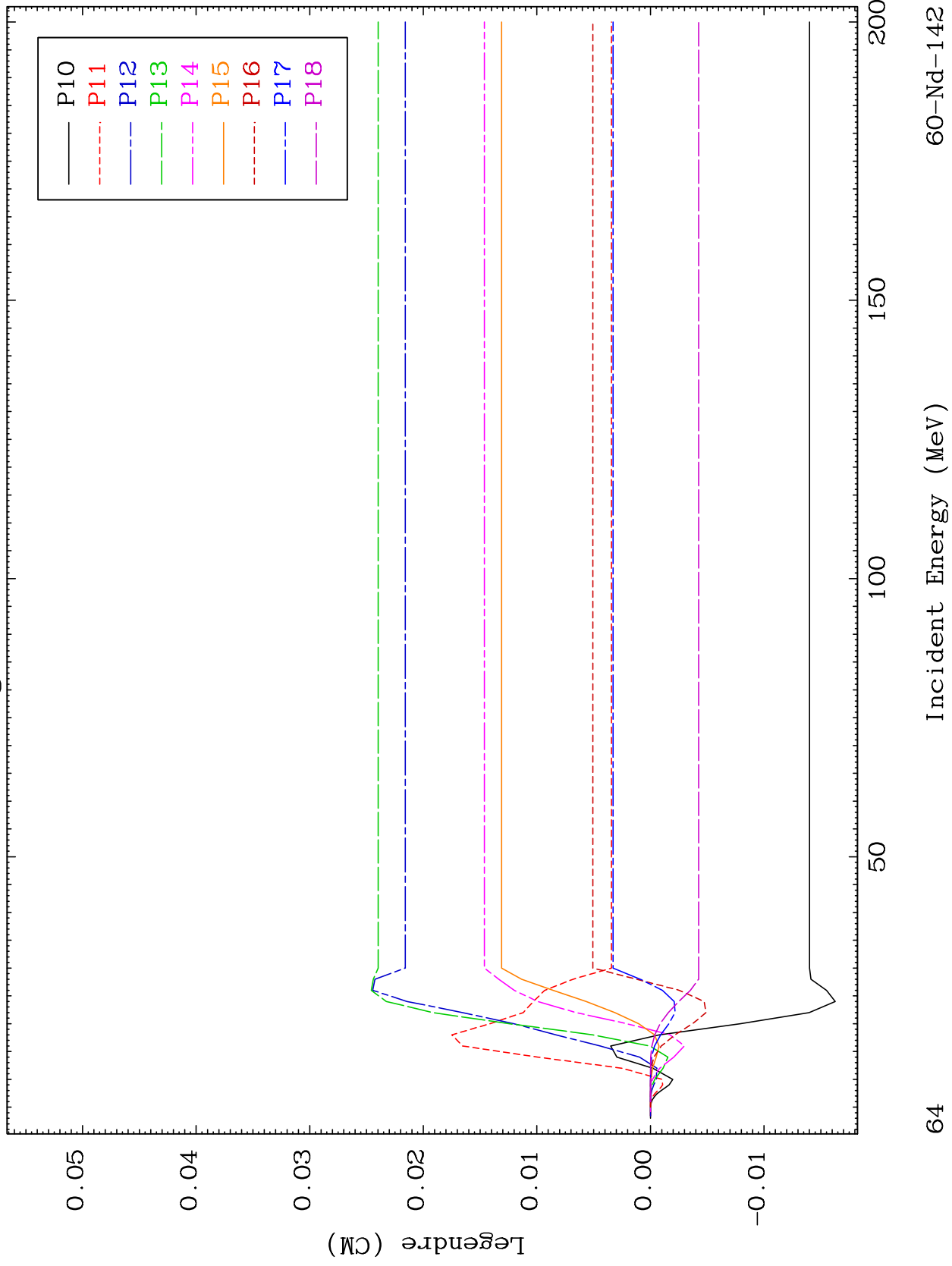
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

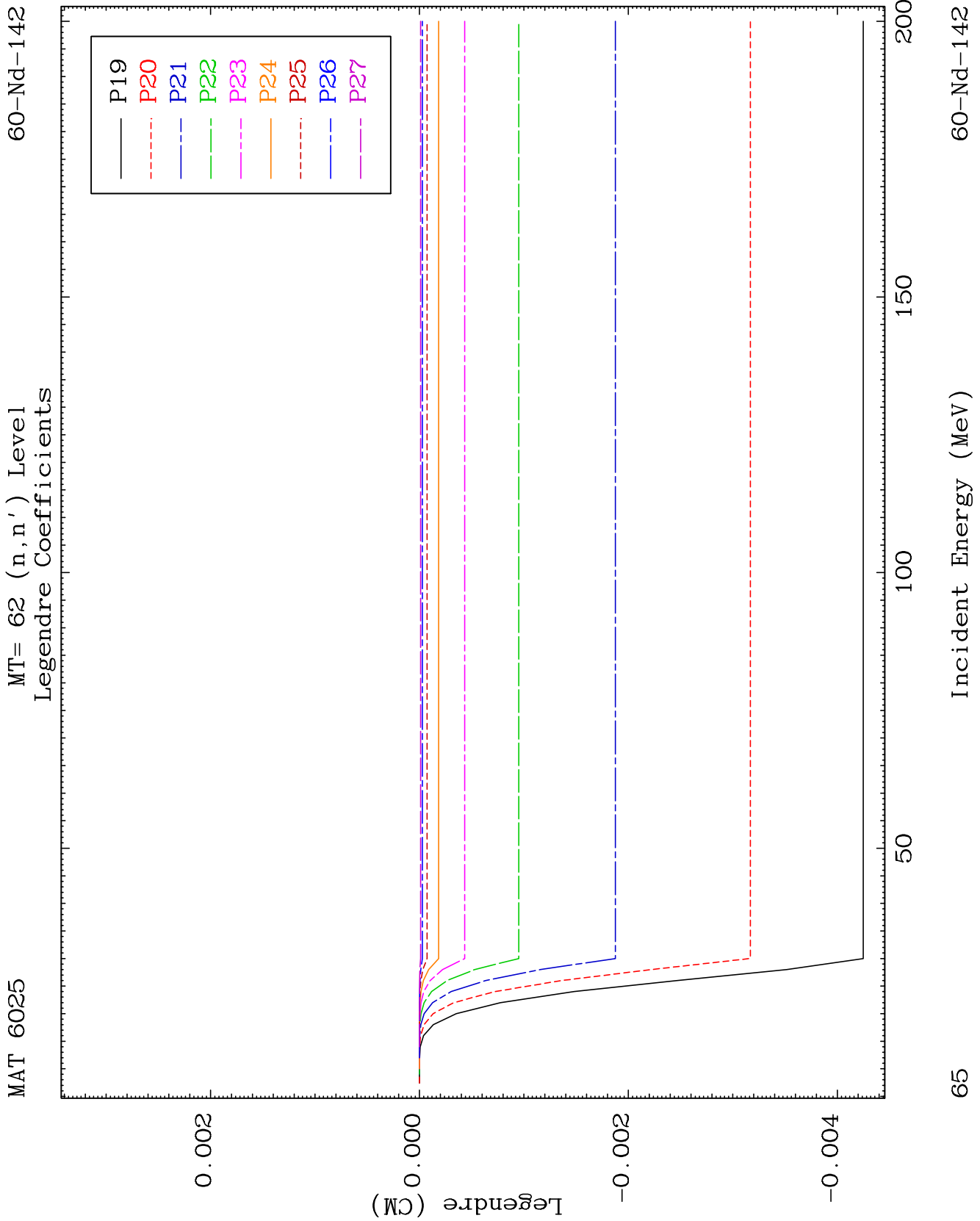
60-Nd-142

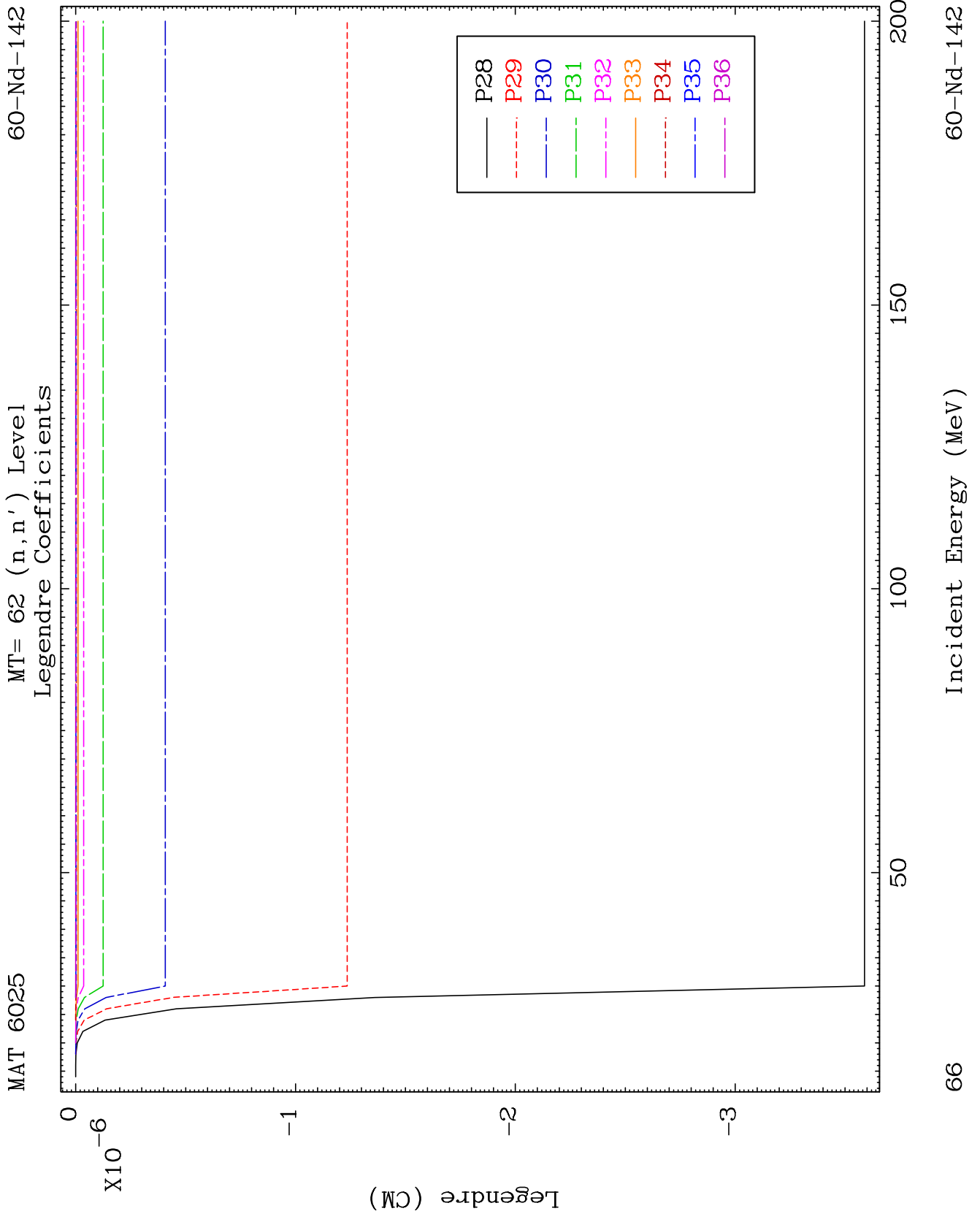


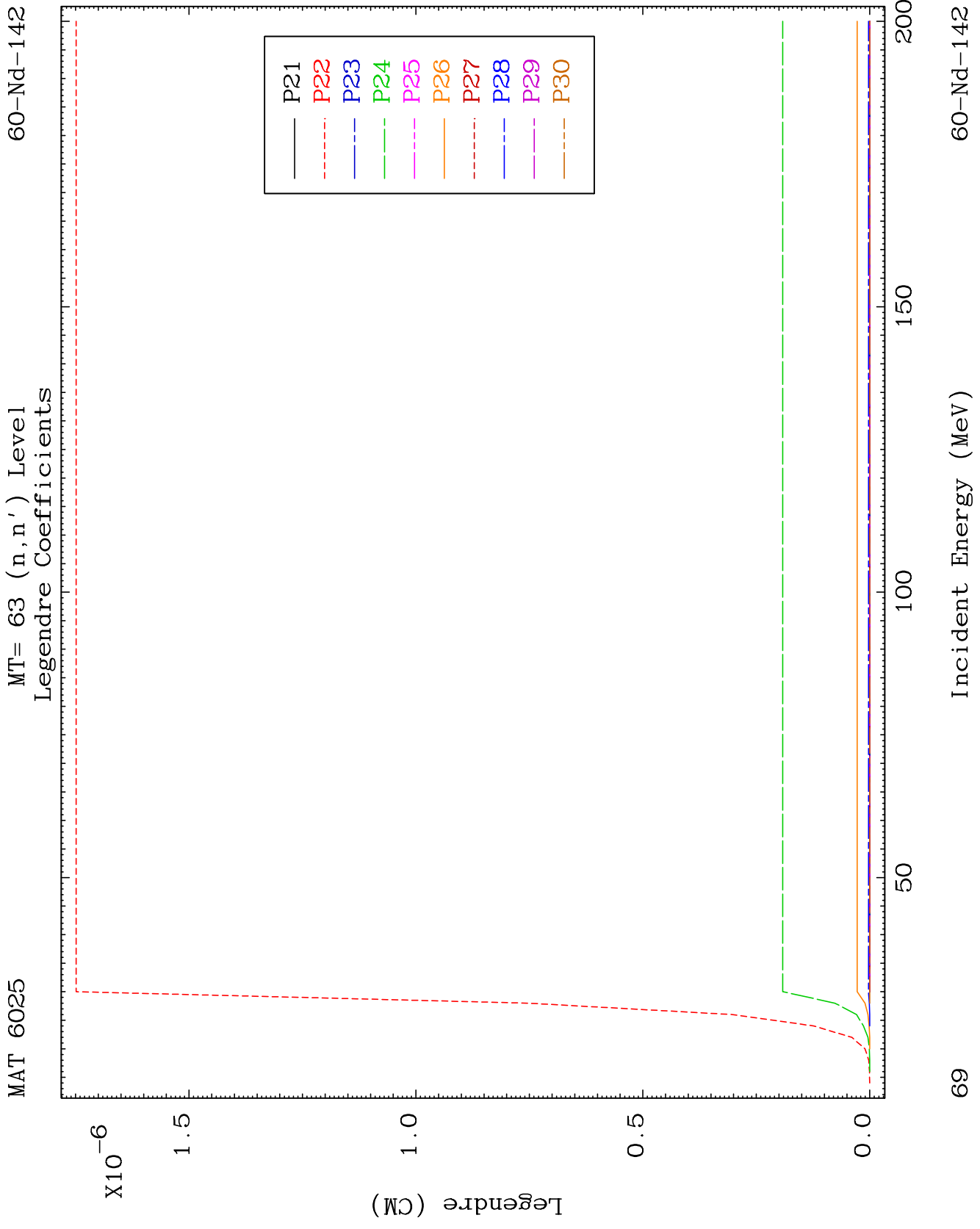
64

Incident Energy (MeV)

60-Nd-142



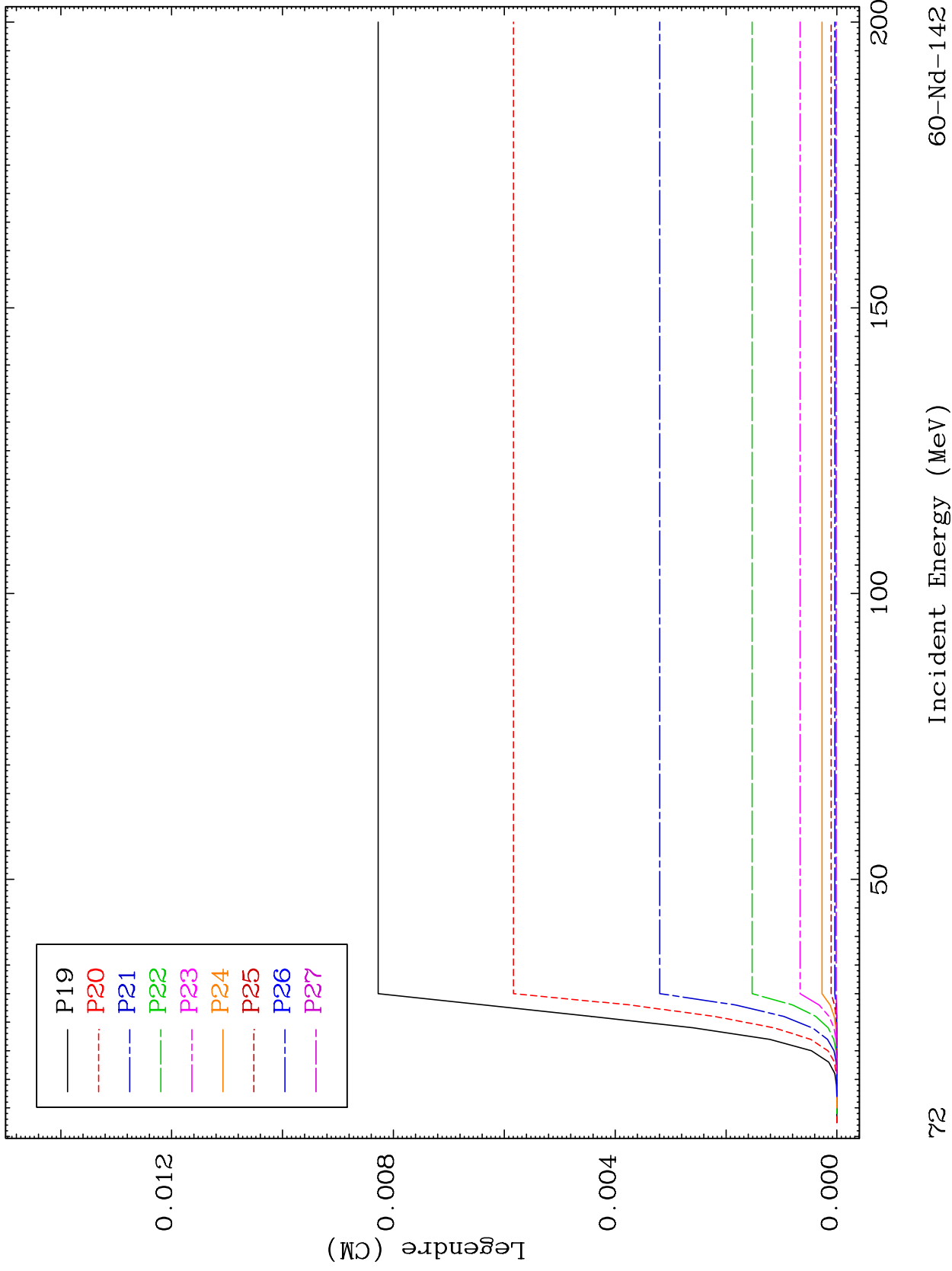




MAT 6025

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

60-Nd-142



72

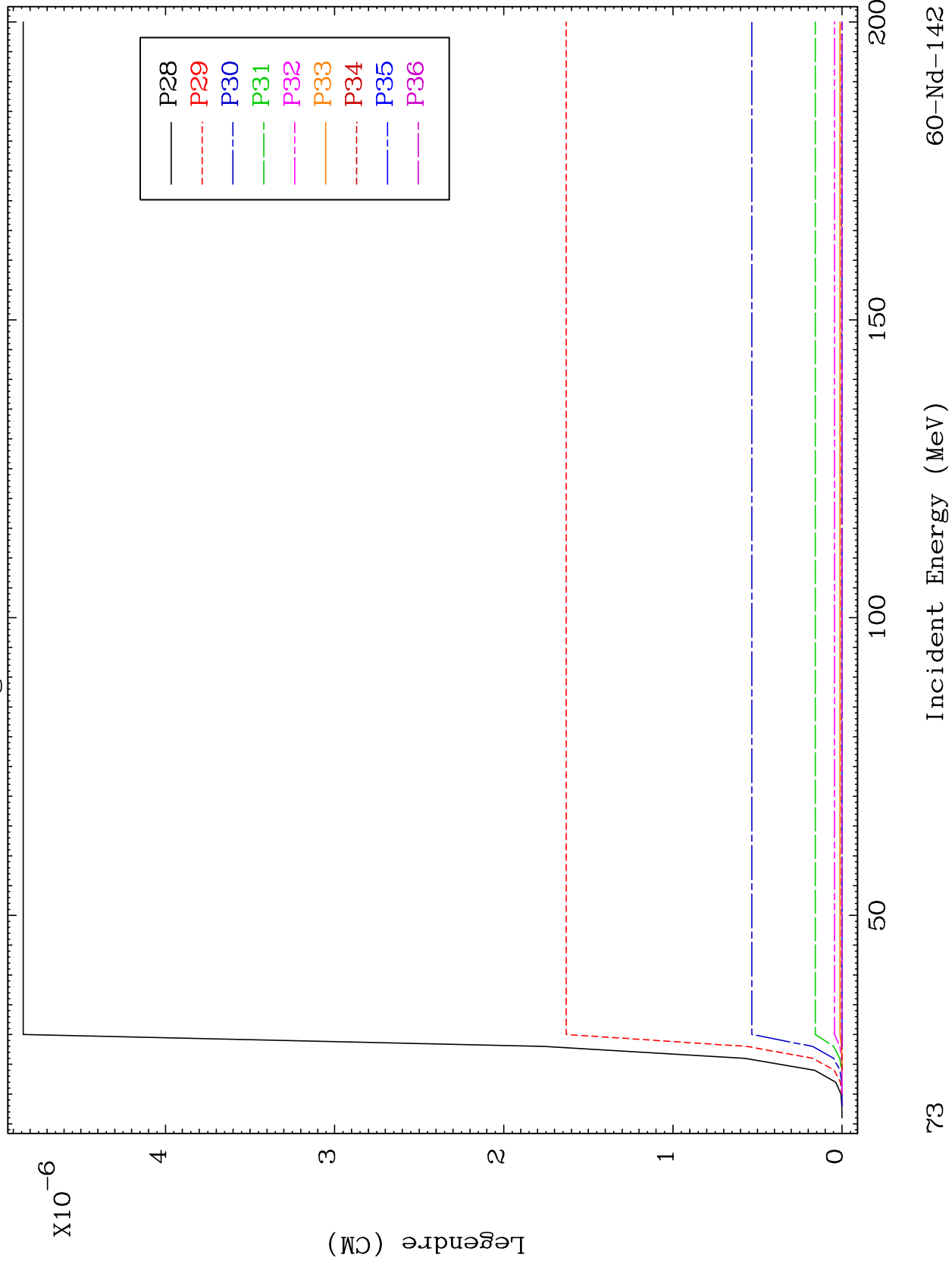
Incident Energy (MeV)

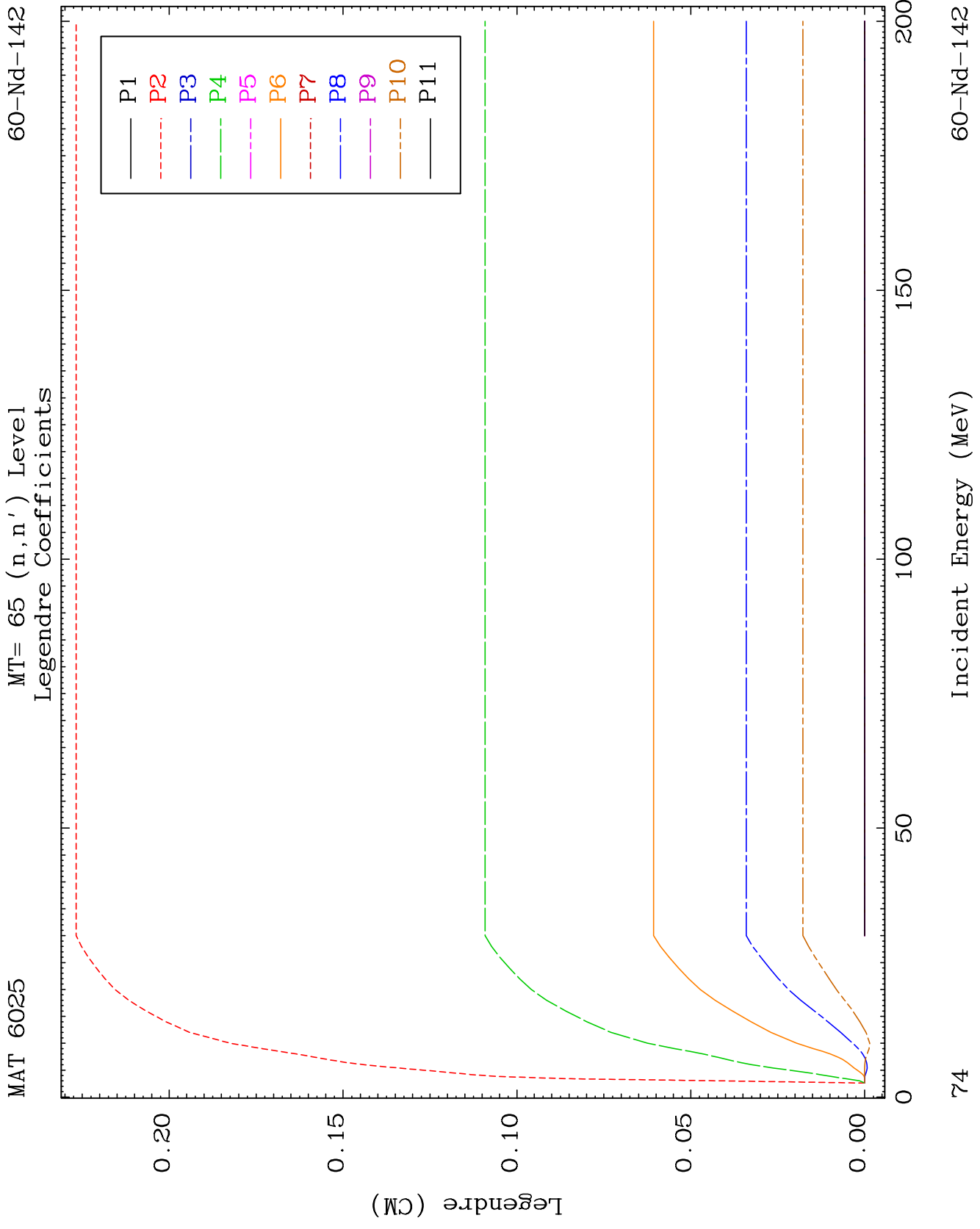
60-Nd-142

MAT 6025

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

60-Nd-142

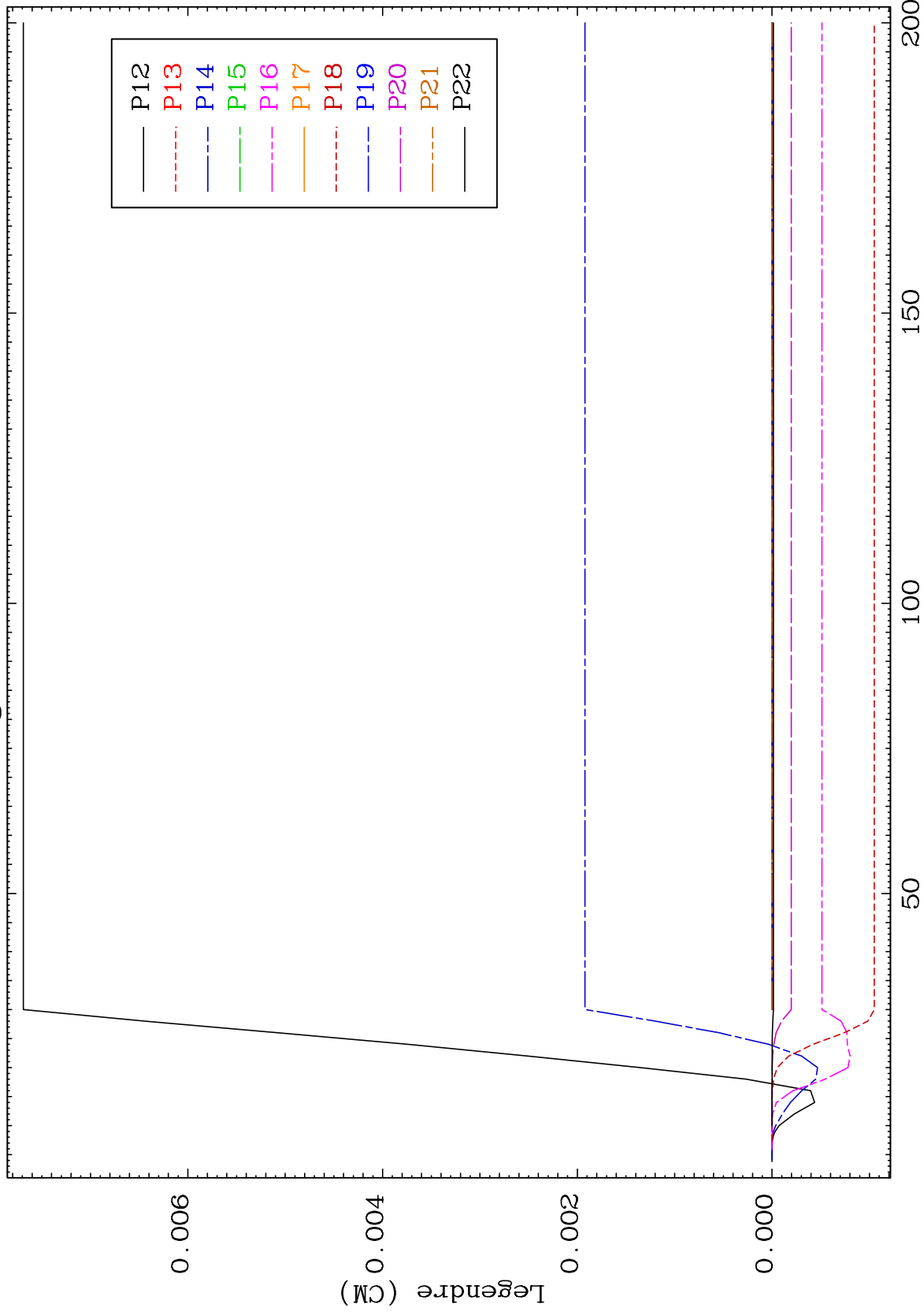




MAT 6025

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

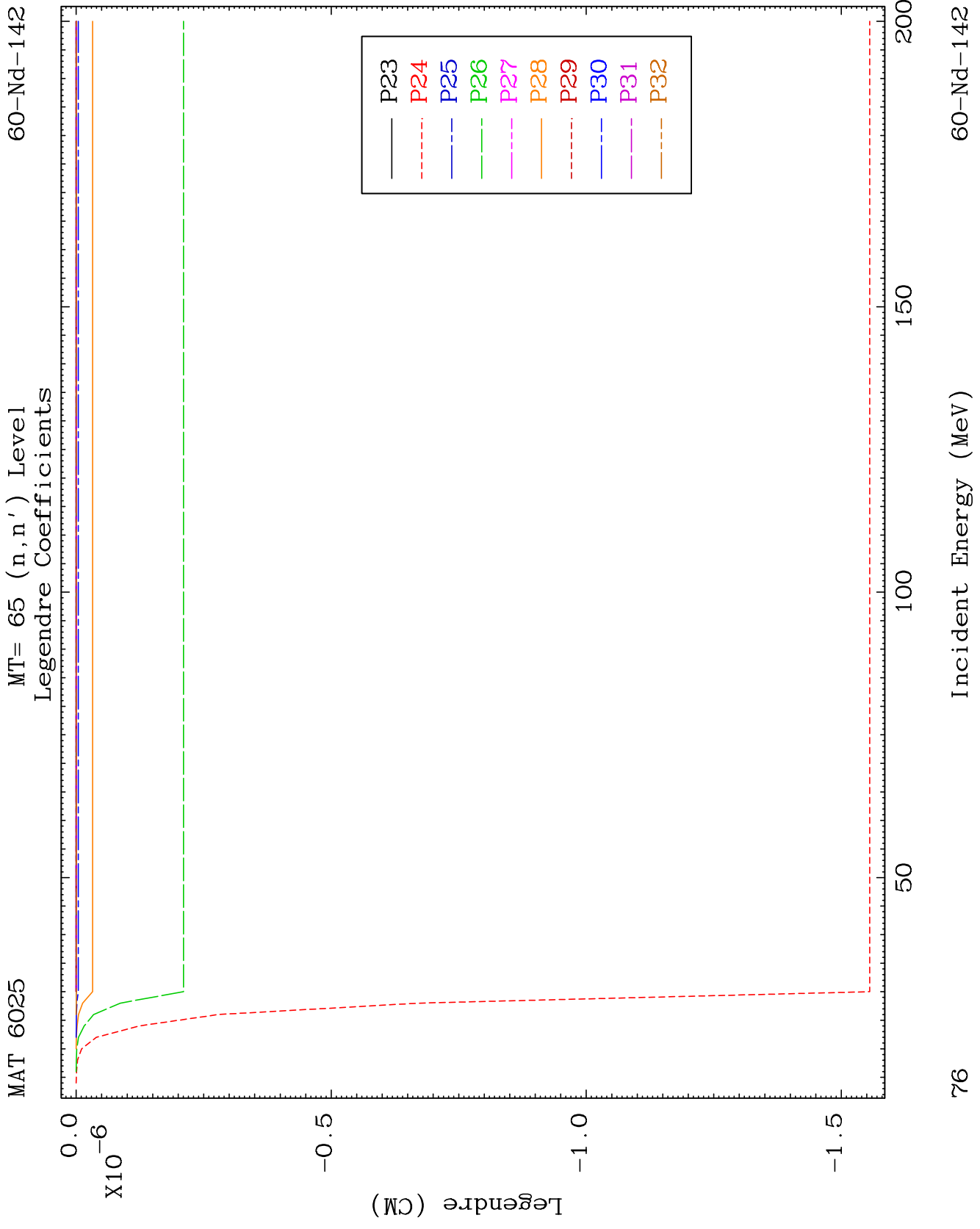
60-Nd-142

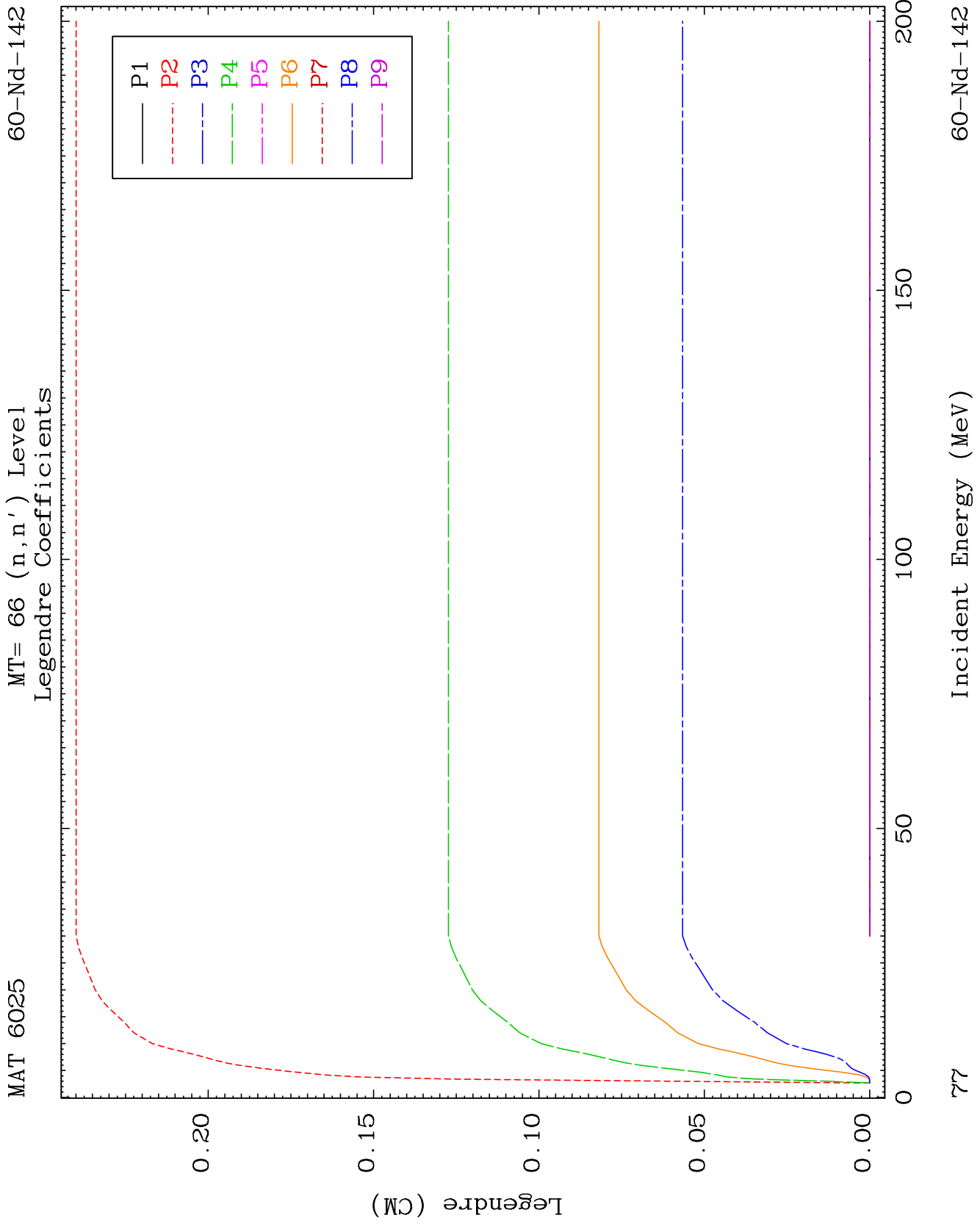


75

Incident Energy (MeV)

60-Nd-142

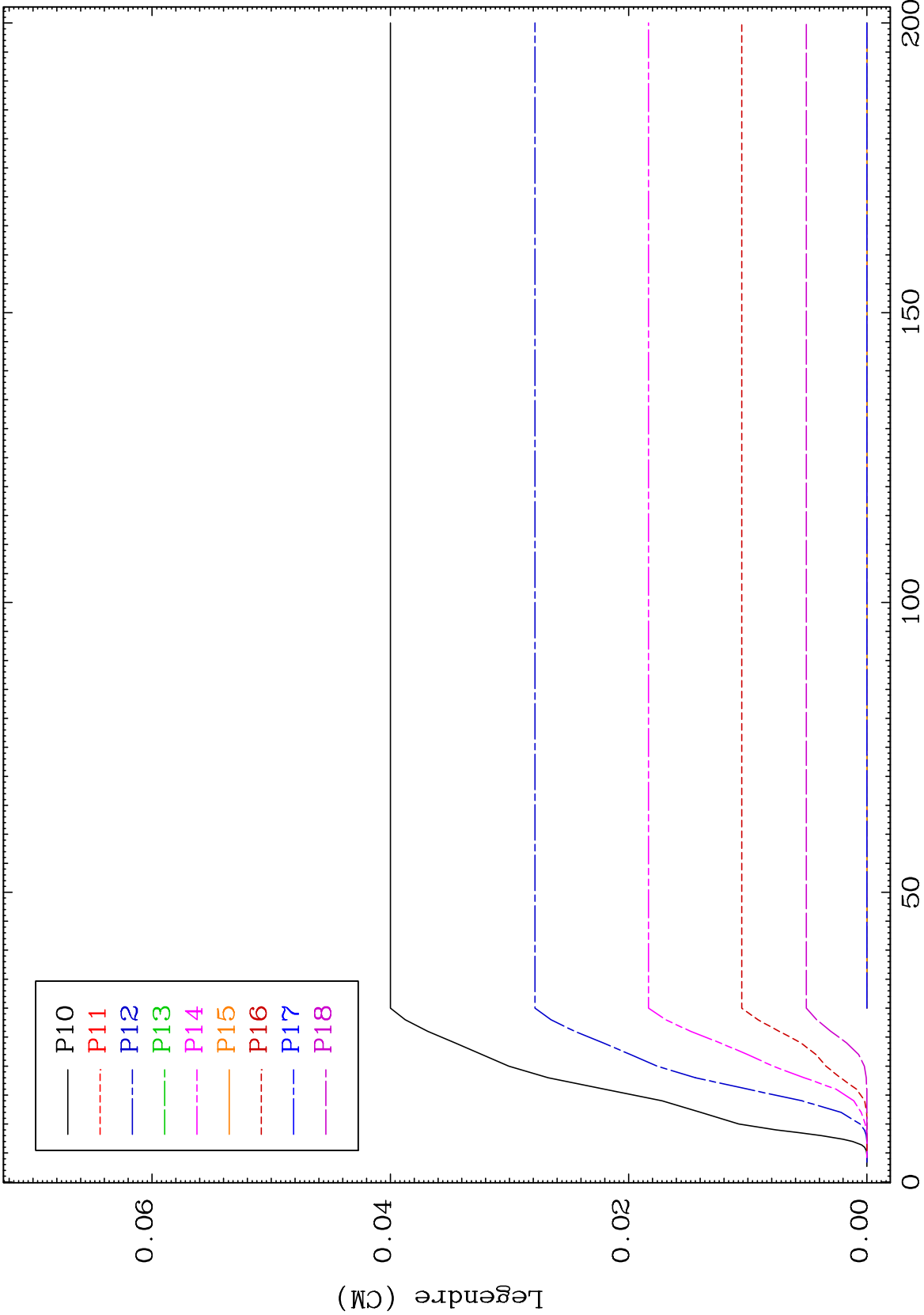




MAT 6025

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

60-Nd-142



78

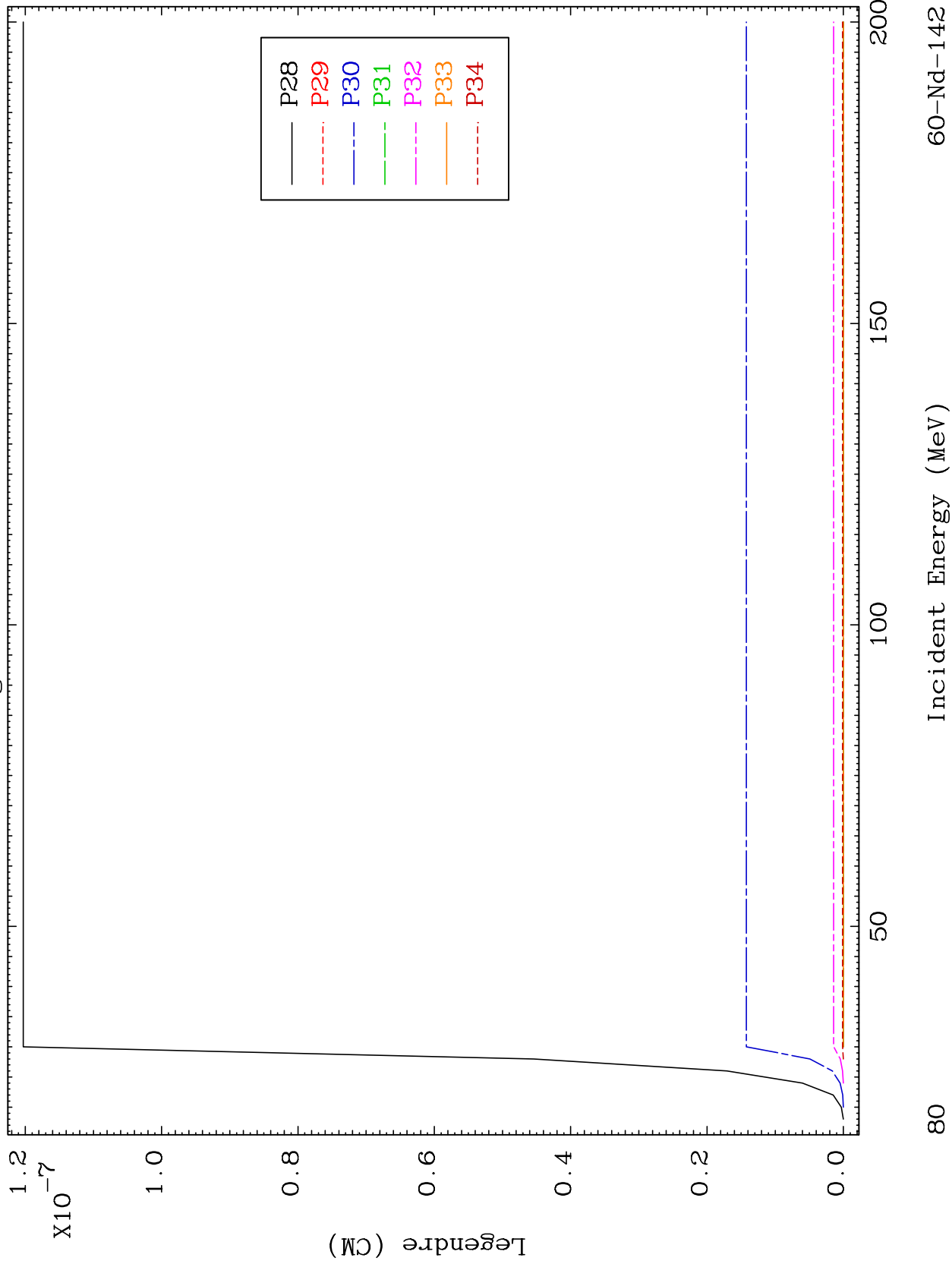
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

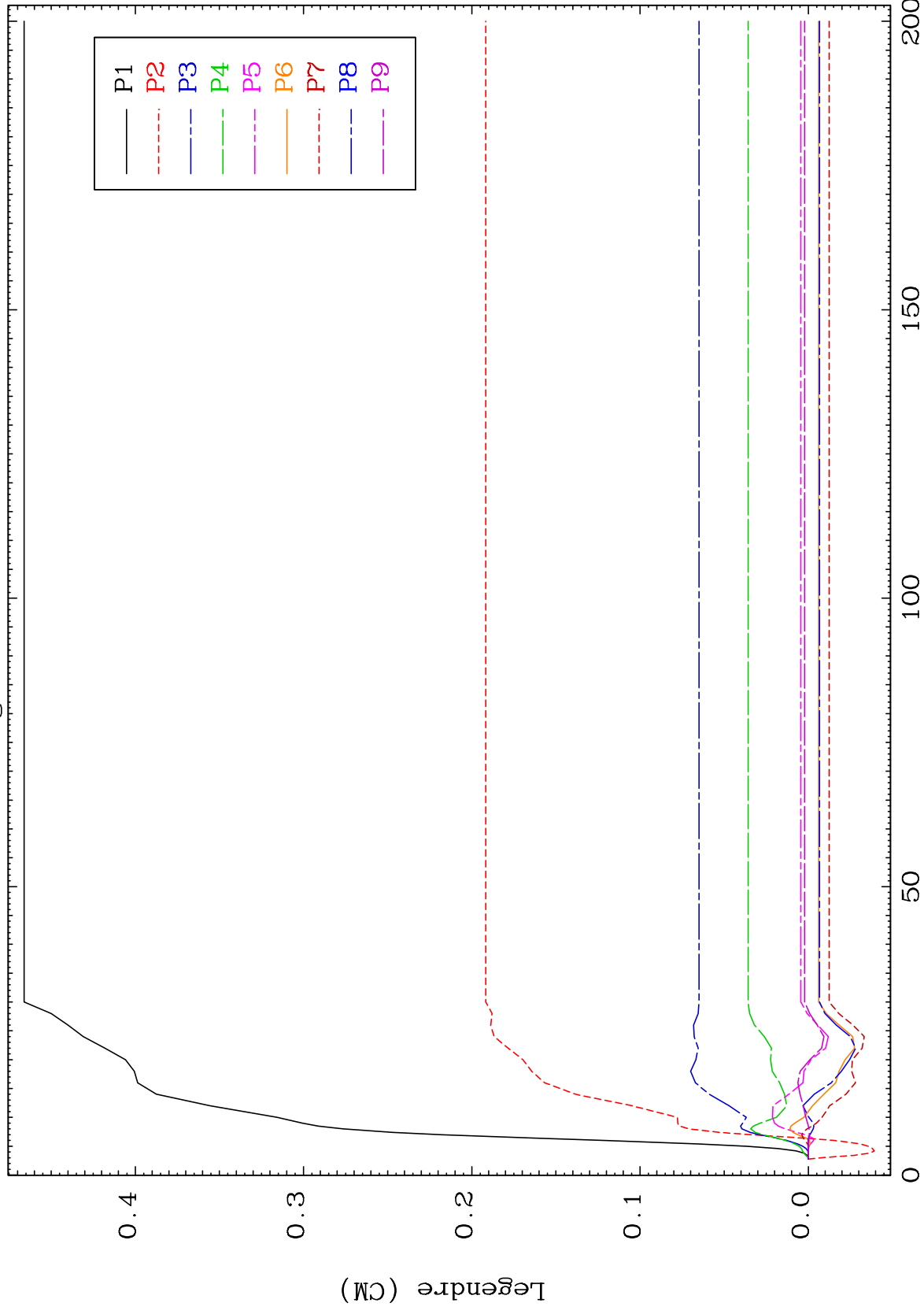
60-Nd-142



MAT 6025

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

60-Nd-142



81

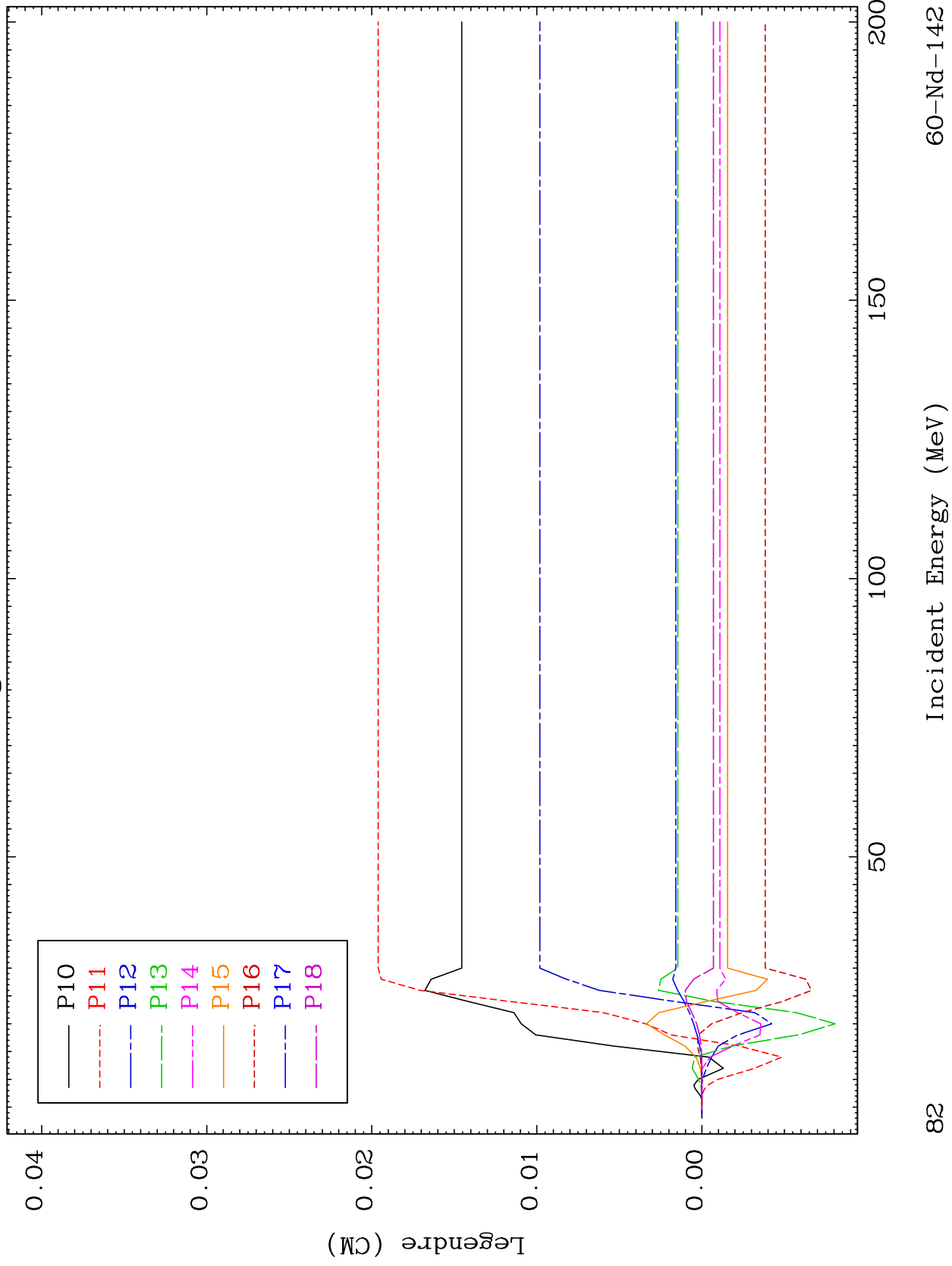
Incident Energy (MeV)

60-Nd-142

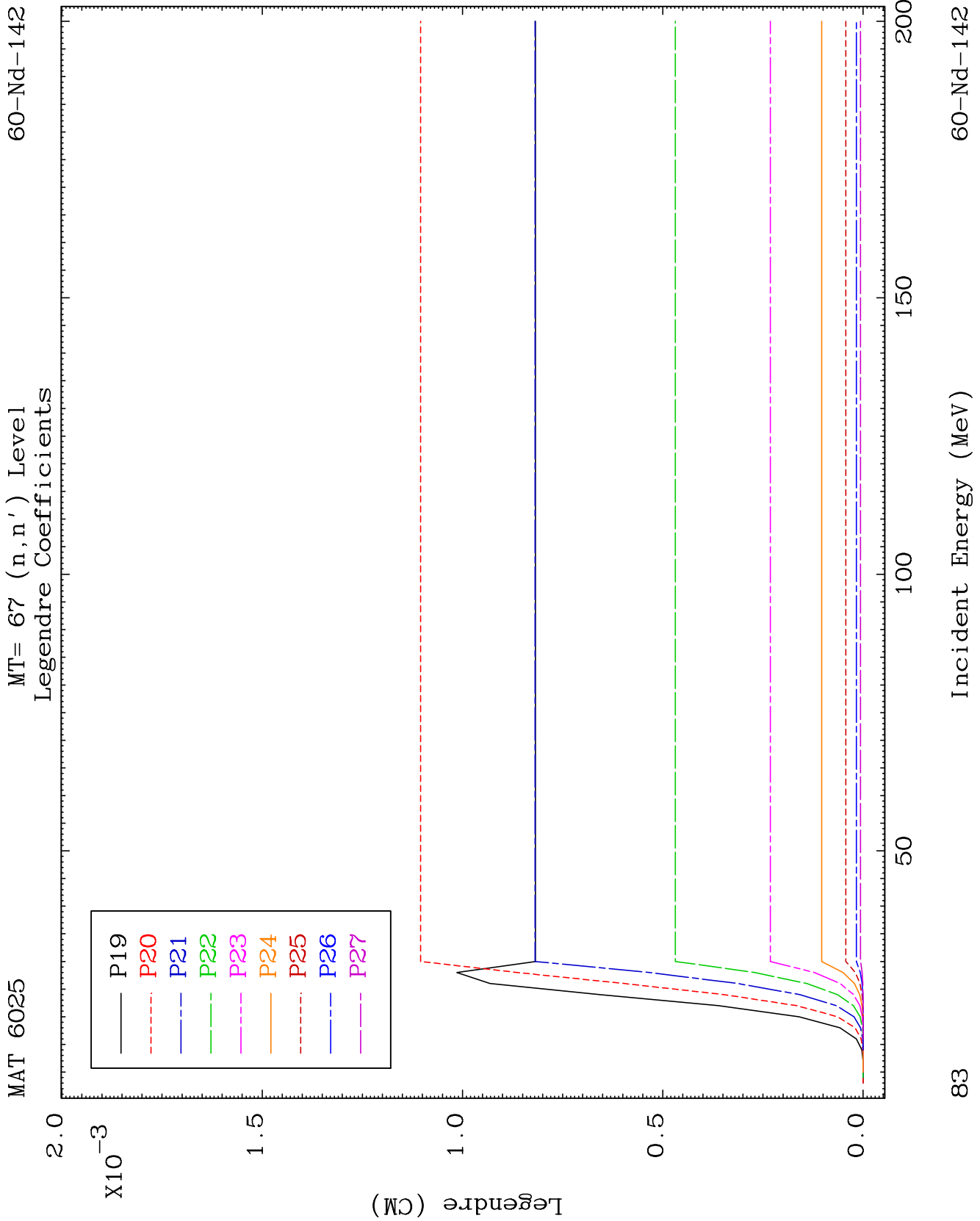
MAT 6025

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

60-Nd-142



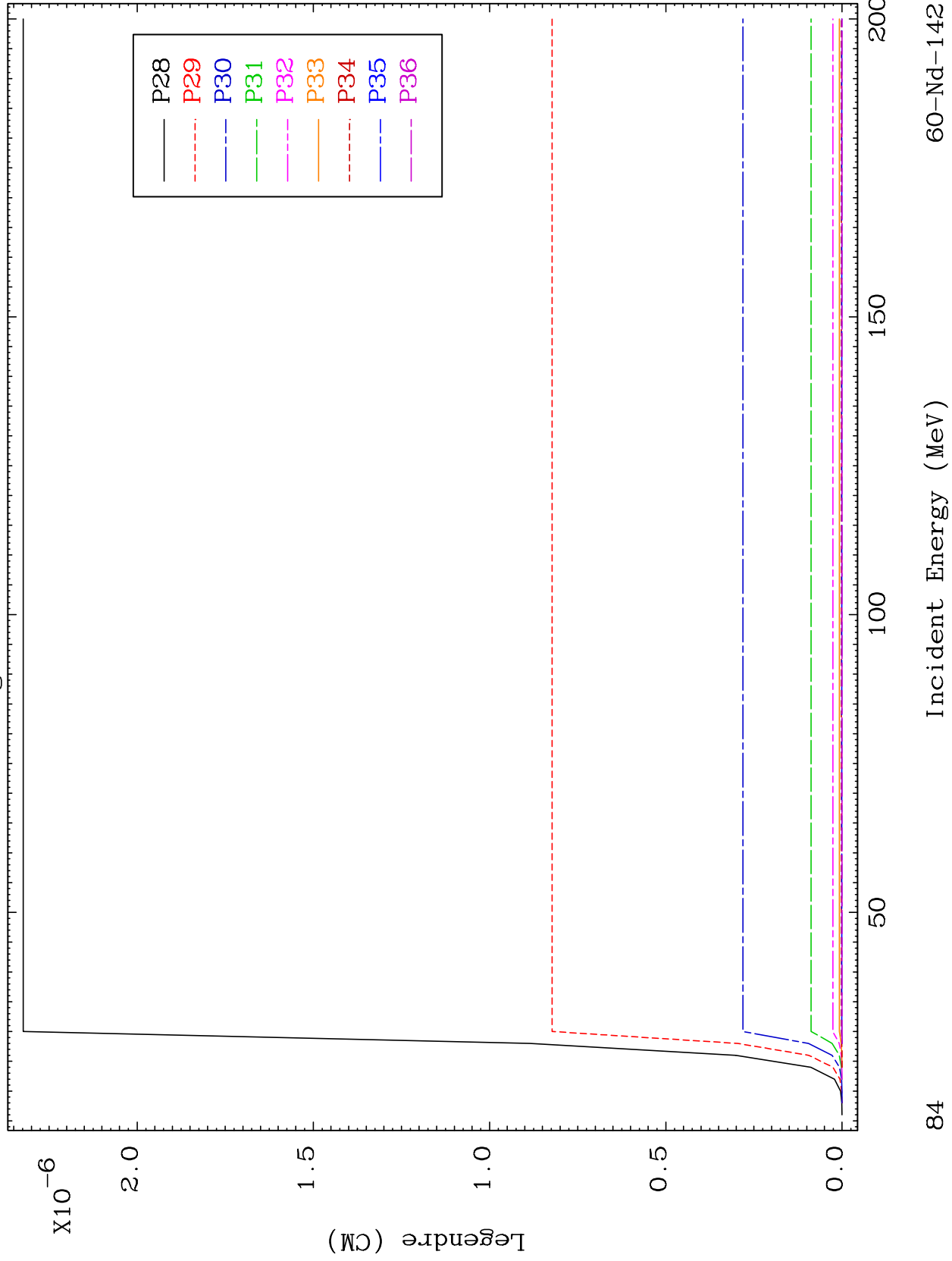
82



MAT 6025

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

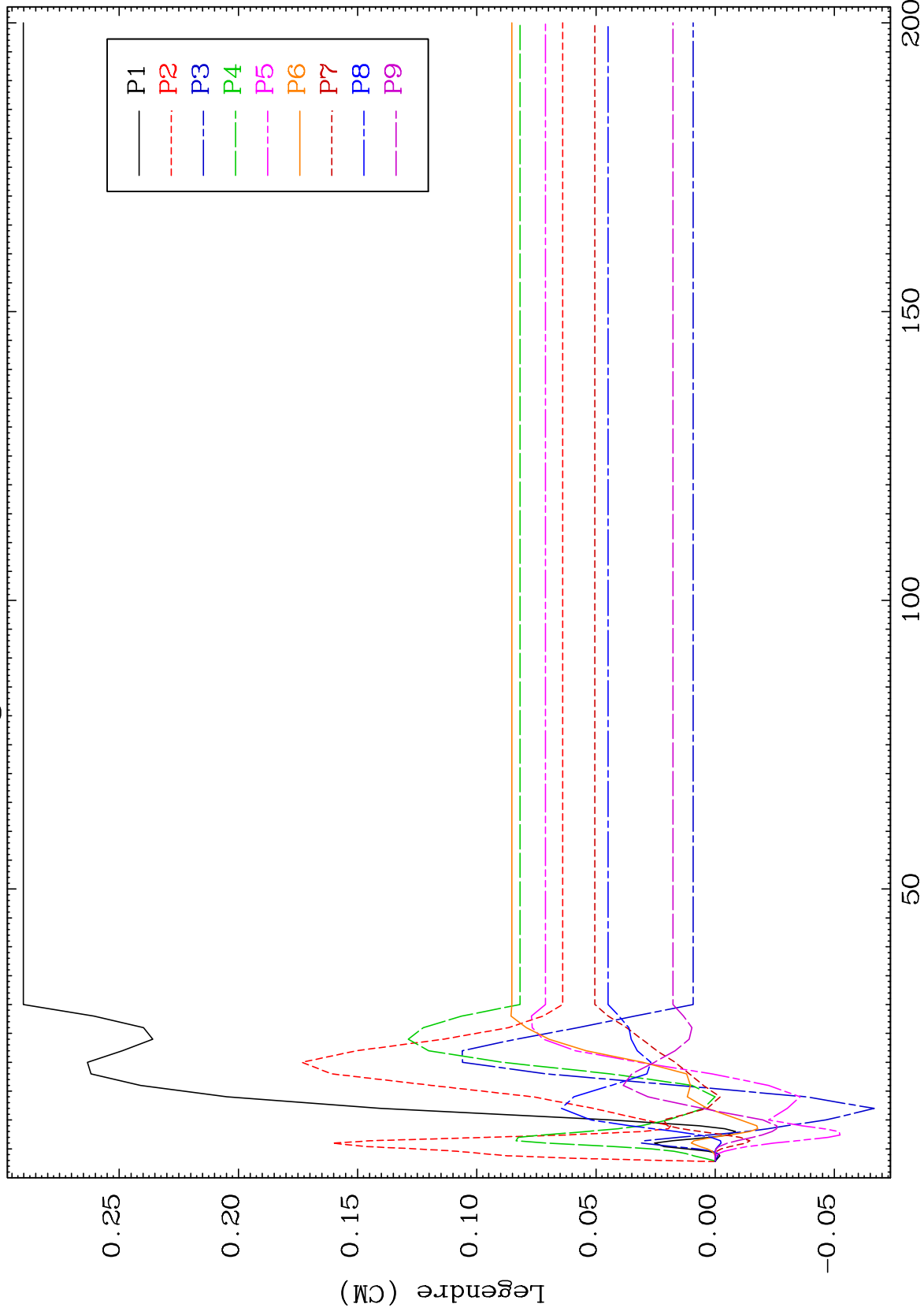
60-Nd-142



MAT 6025

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

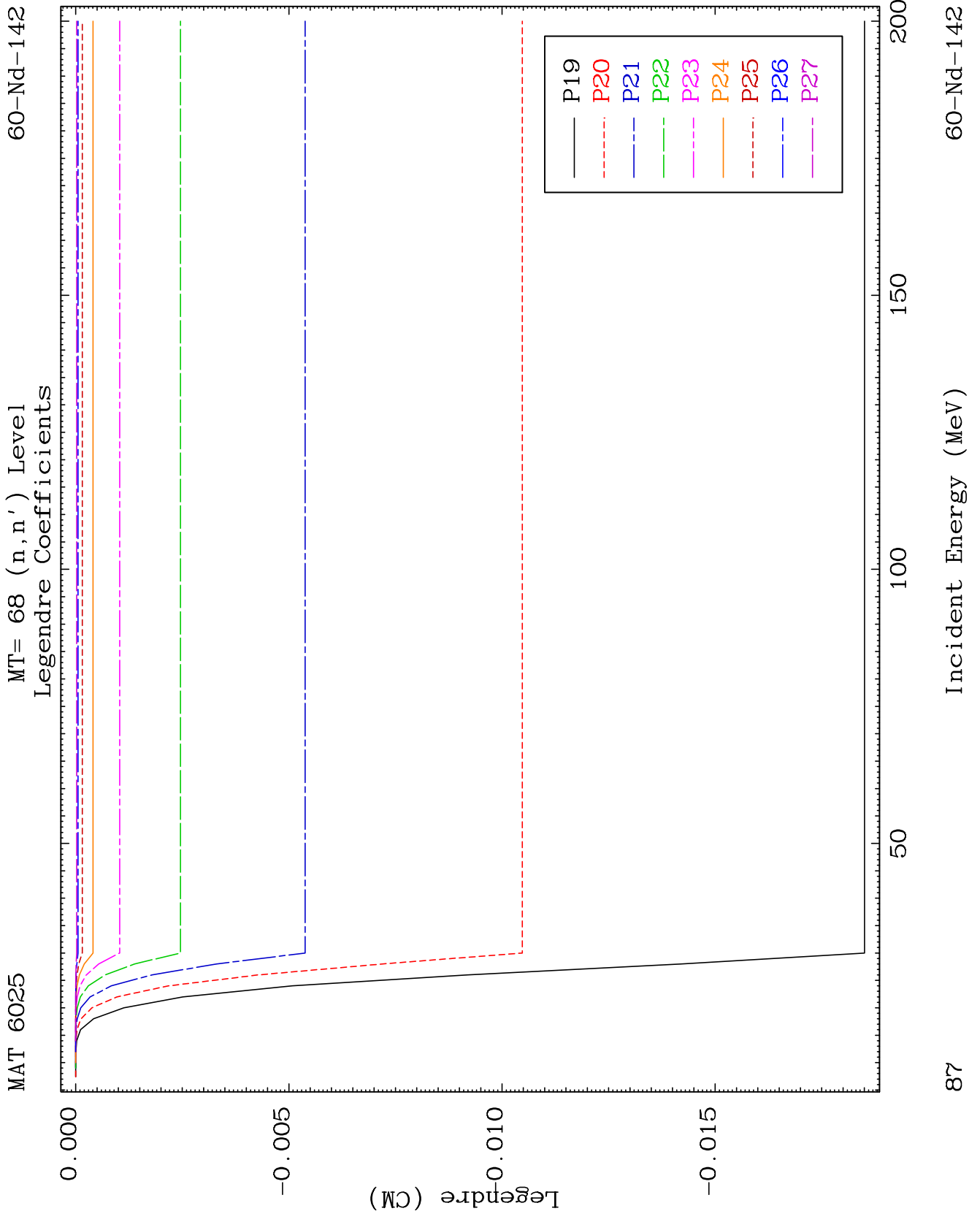
60-Nd-142

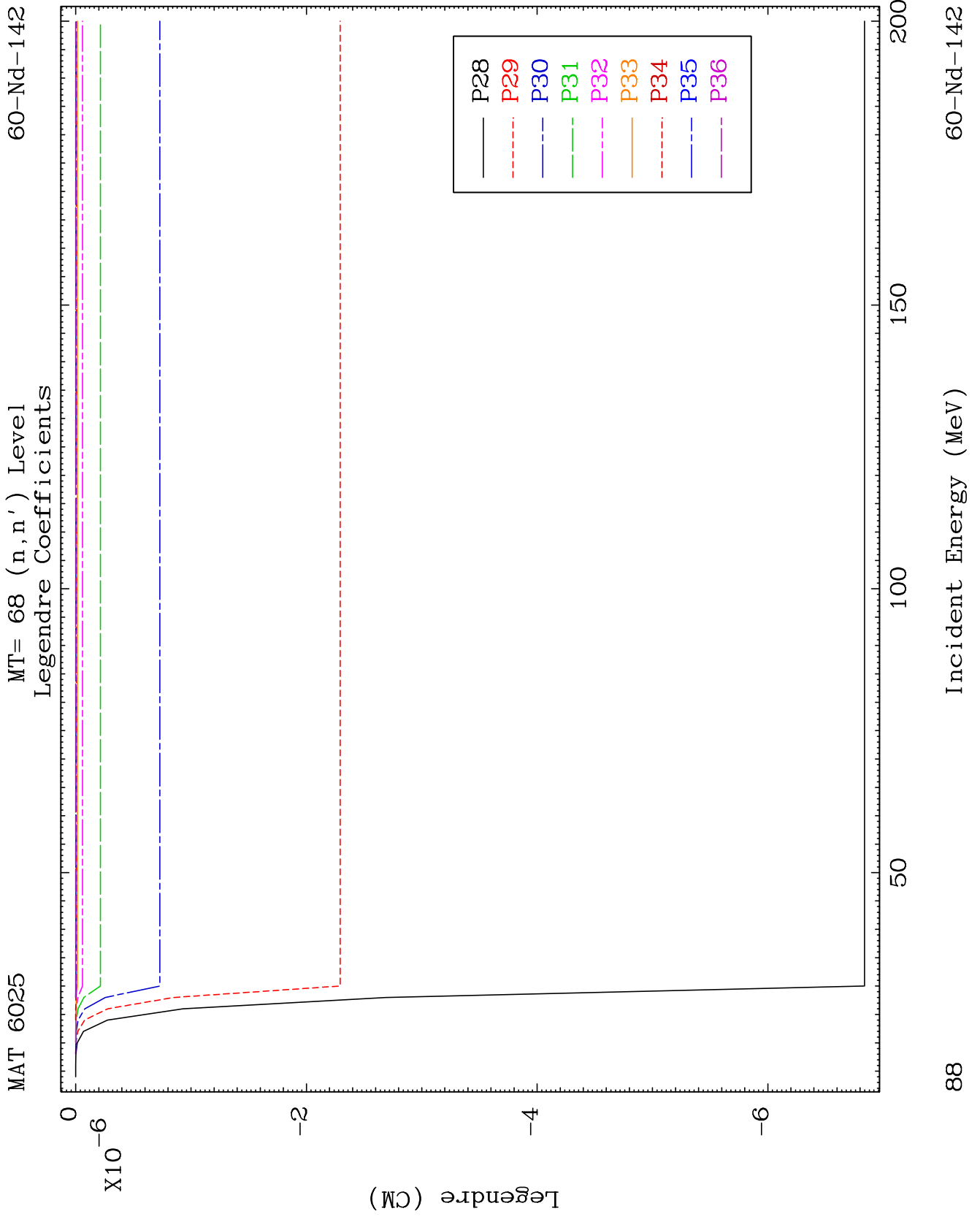


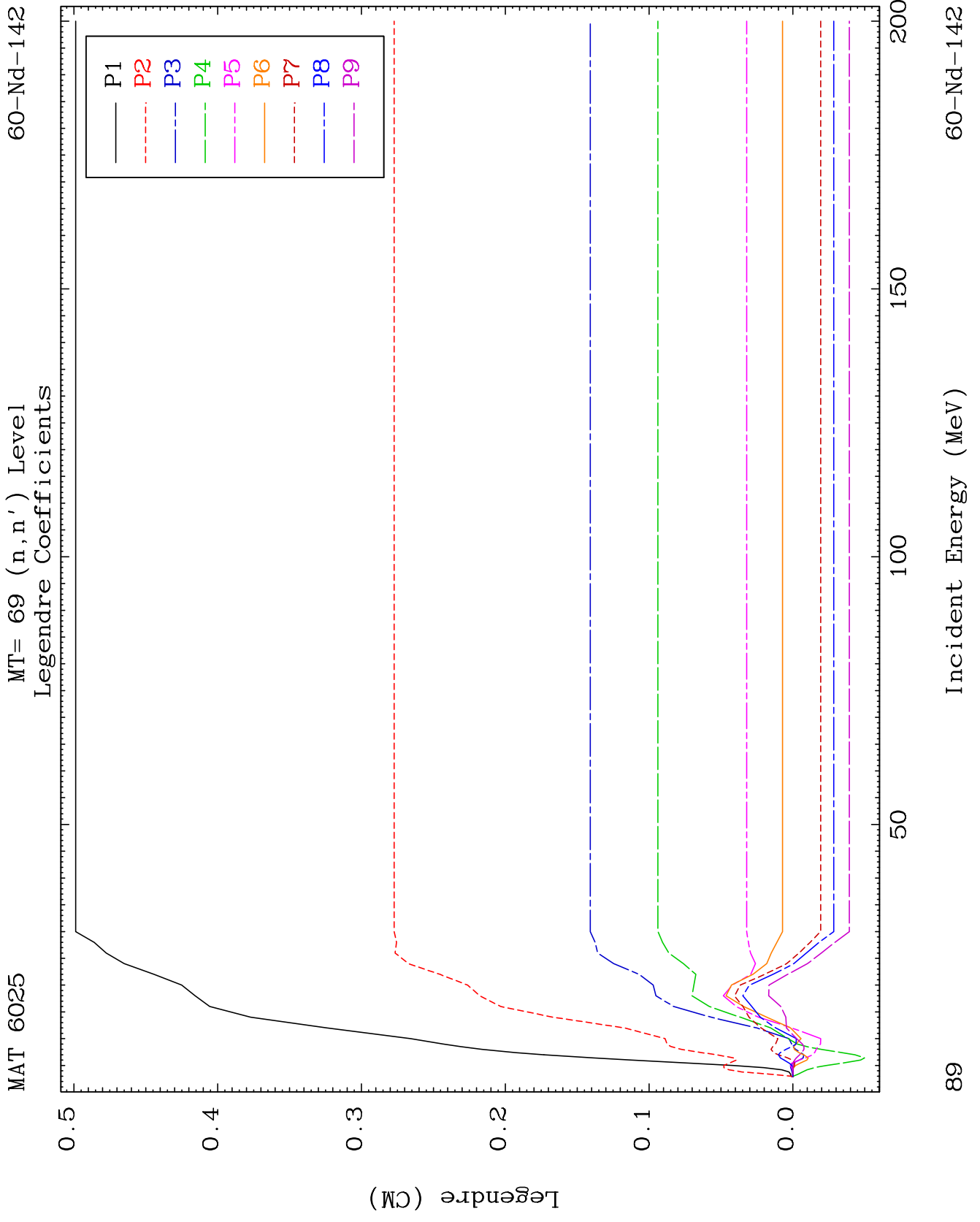
85

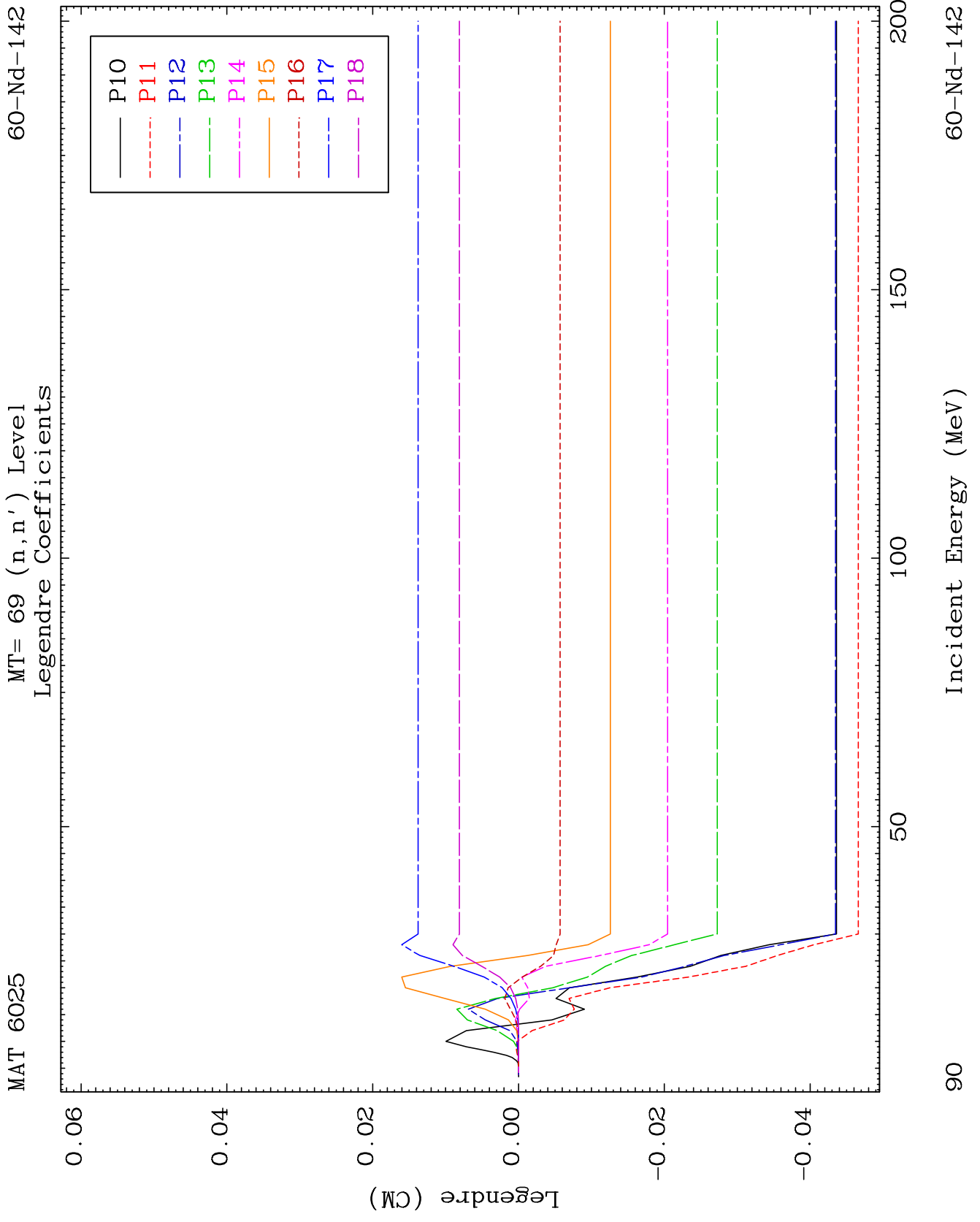
Incident Energy (MeV)

60-Nd-142





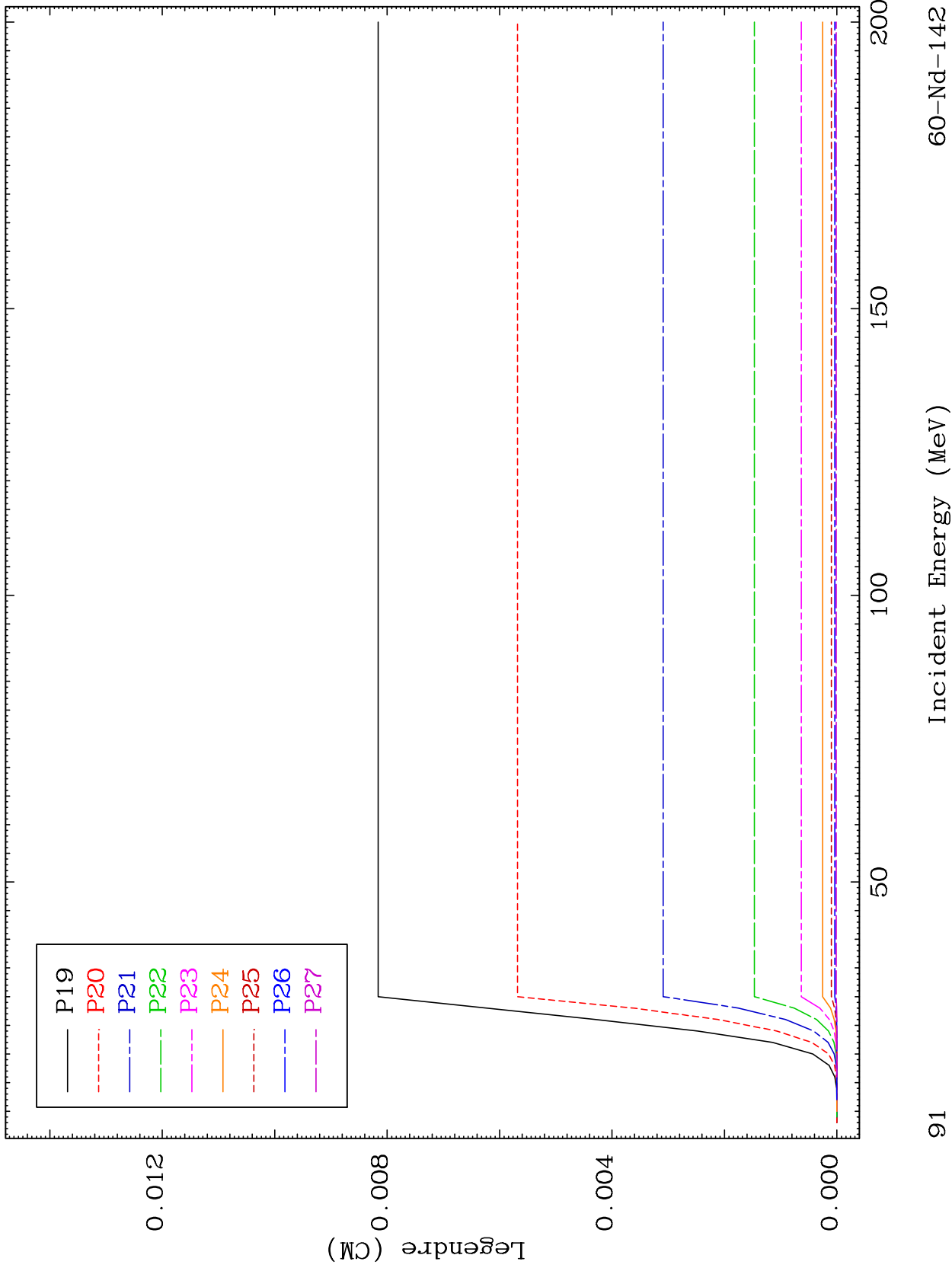




MAT 6025

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

60-Nd-142



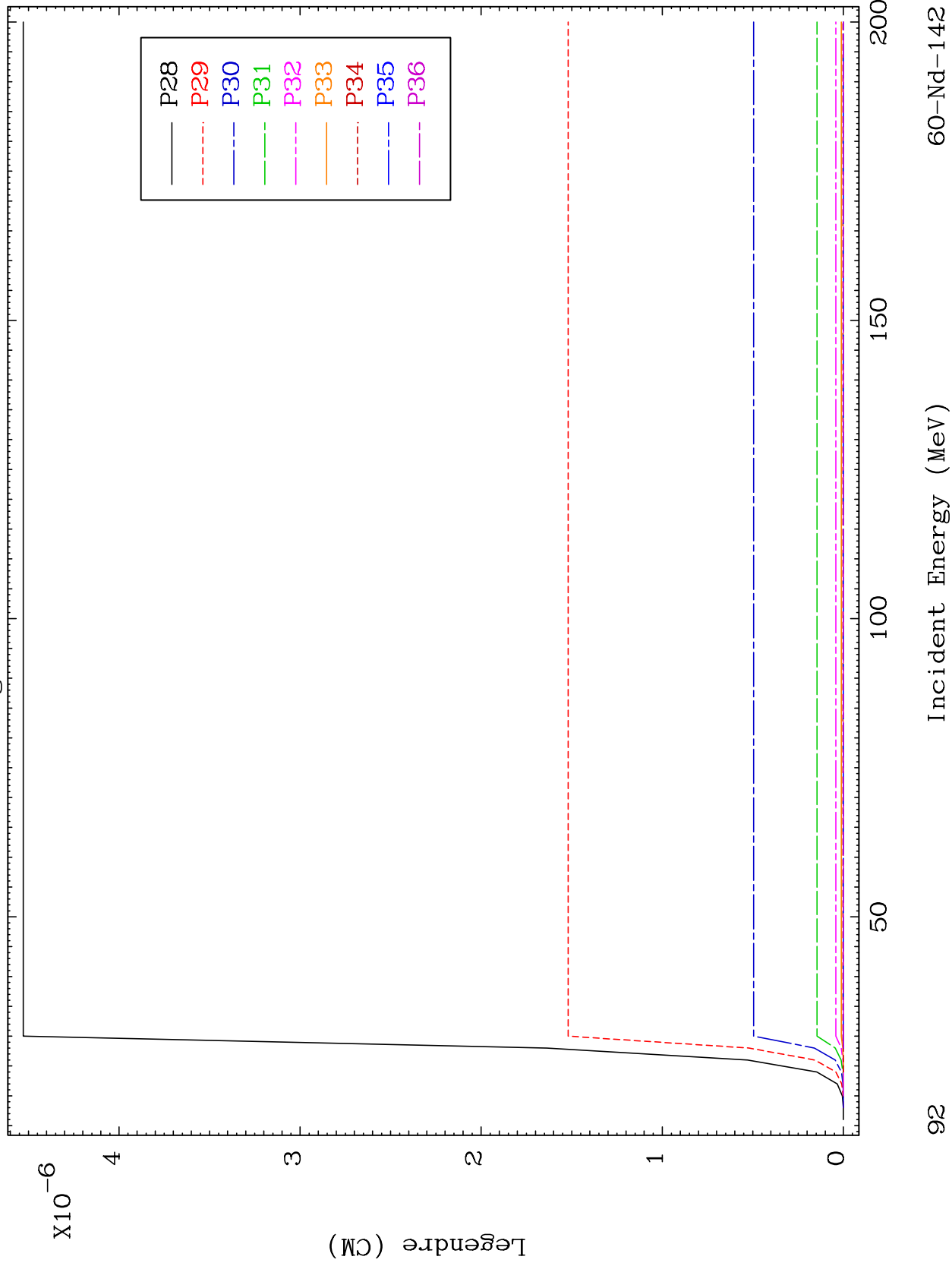
91

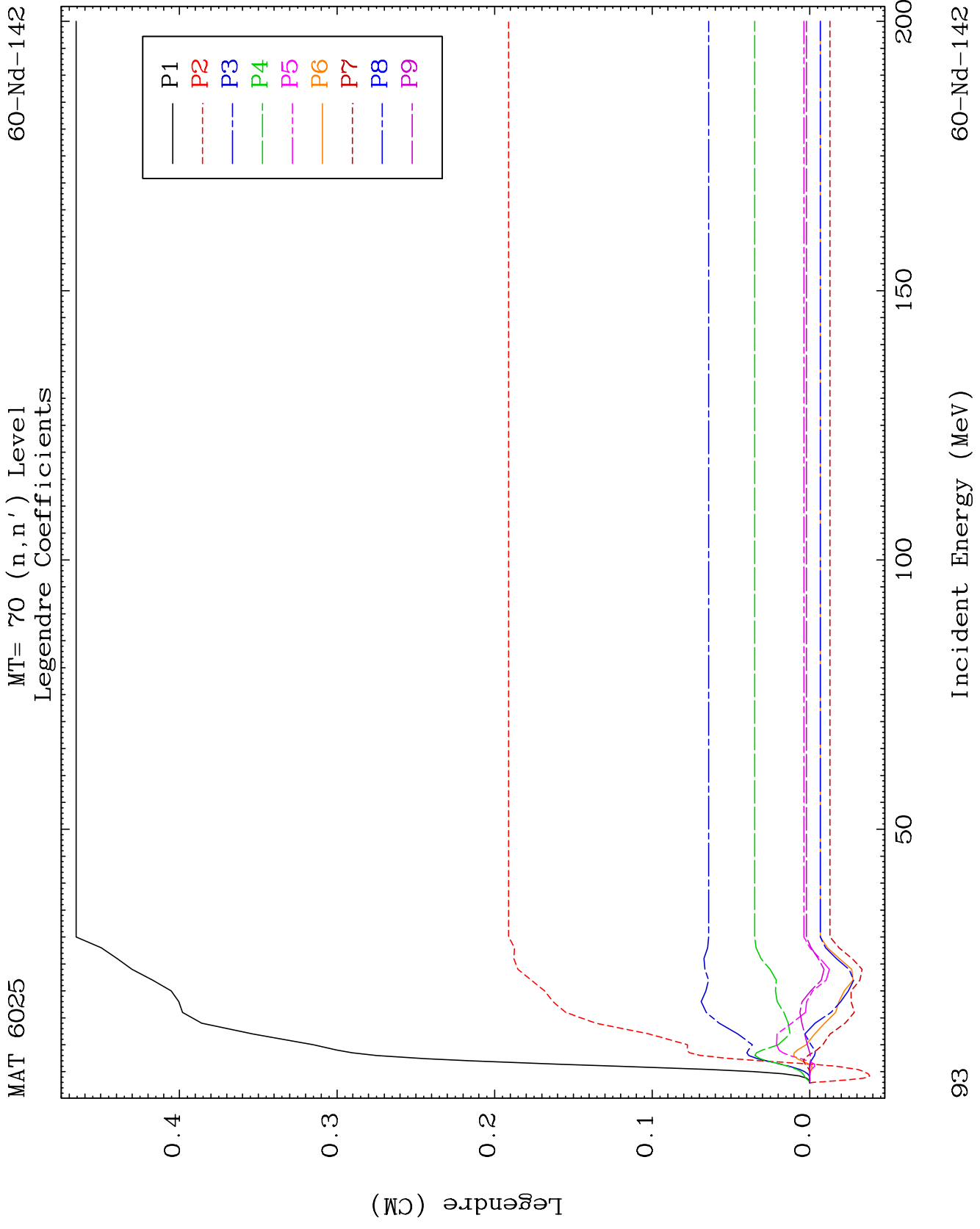
60-Nd-142

MAT 6025

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

60-Nd-142

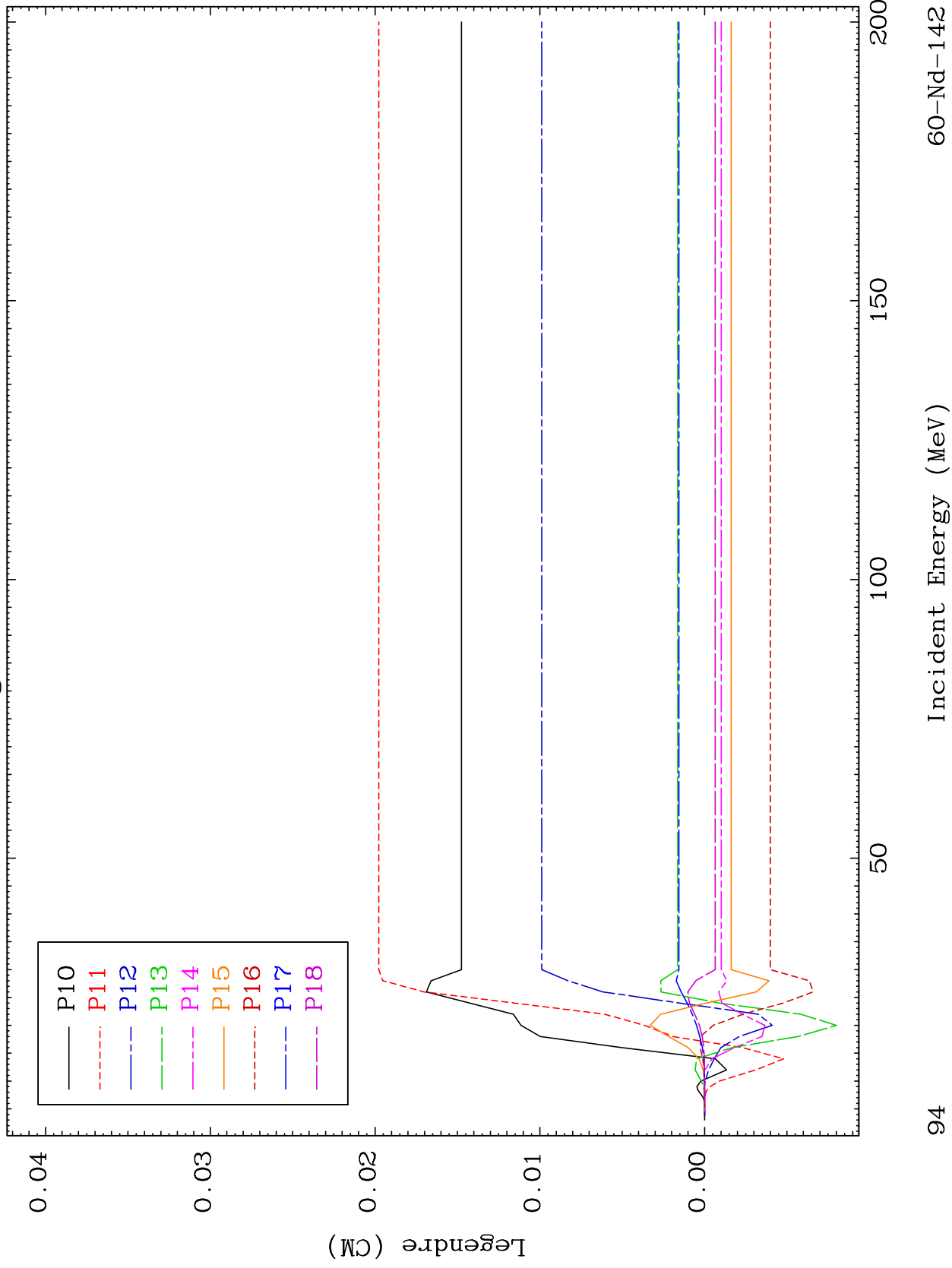




MAT 6025

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

60-Nd-142



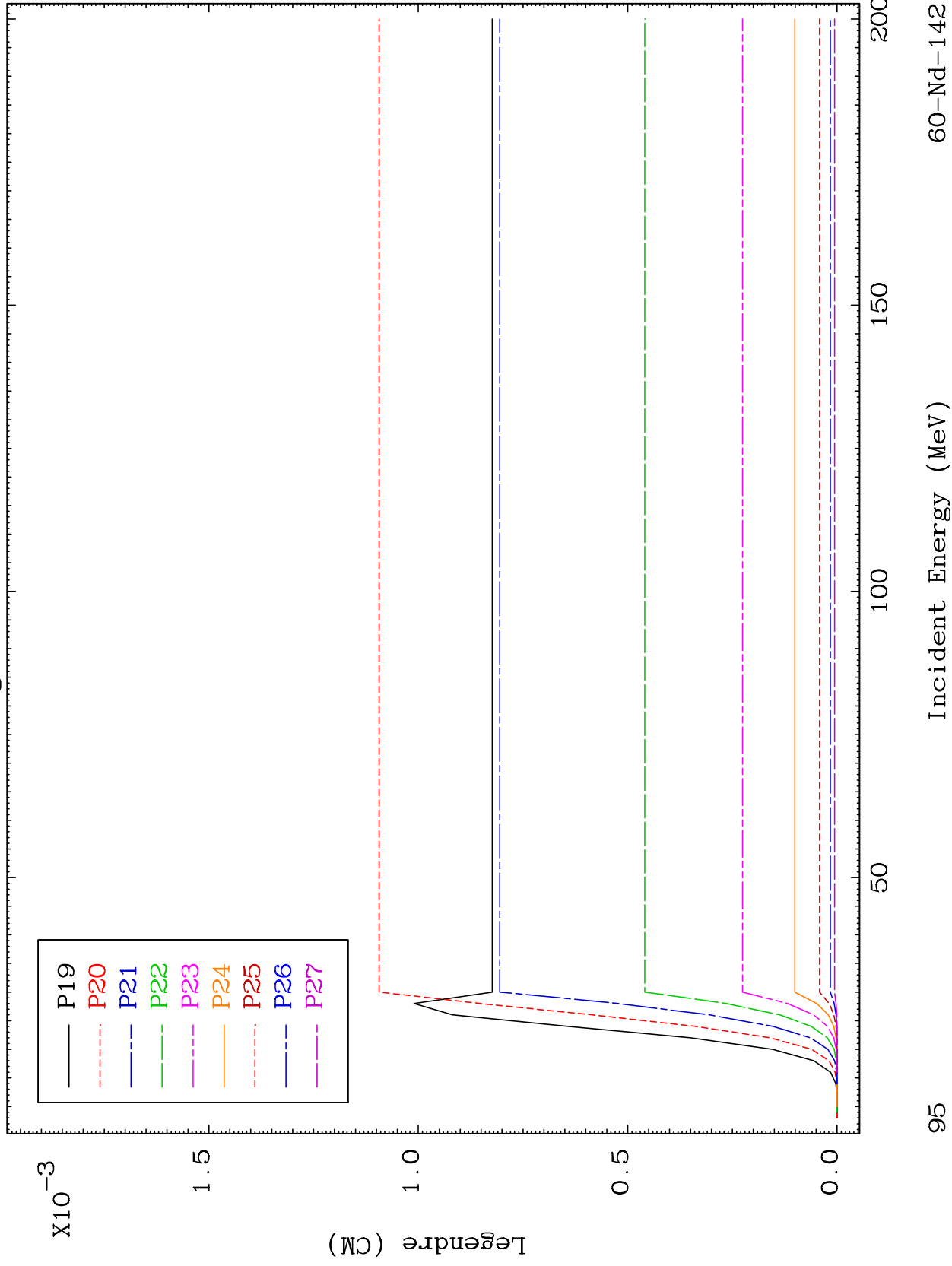
94

60-Nd-142

MAT 6025

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

60-Nd-142



95

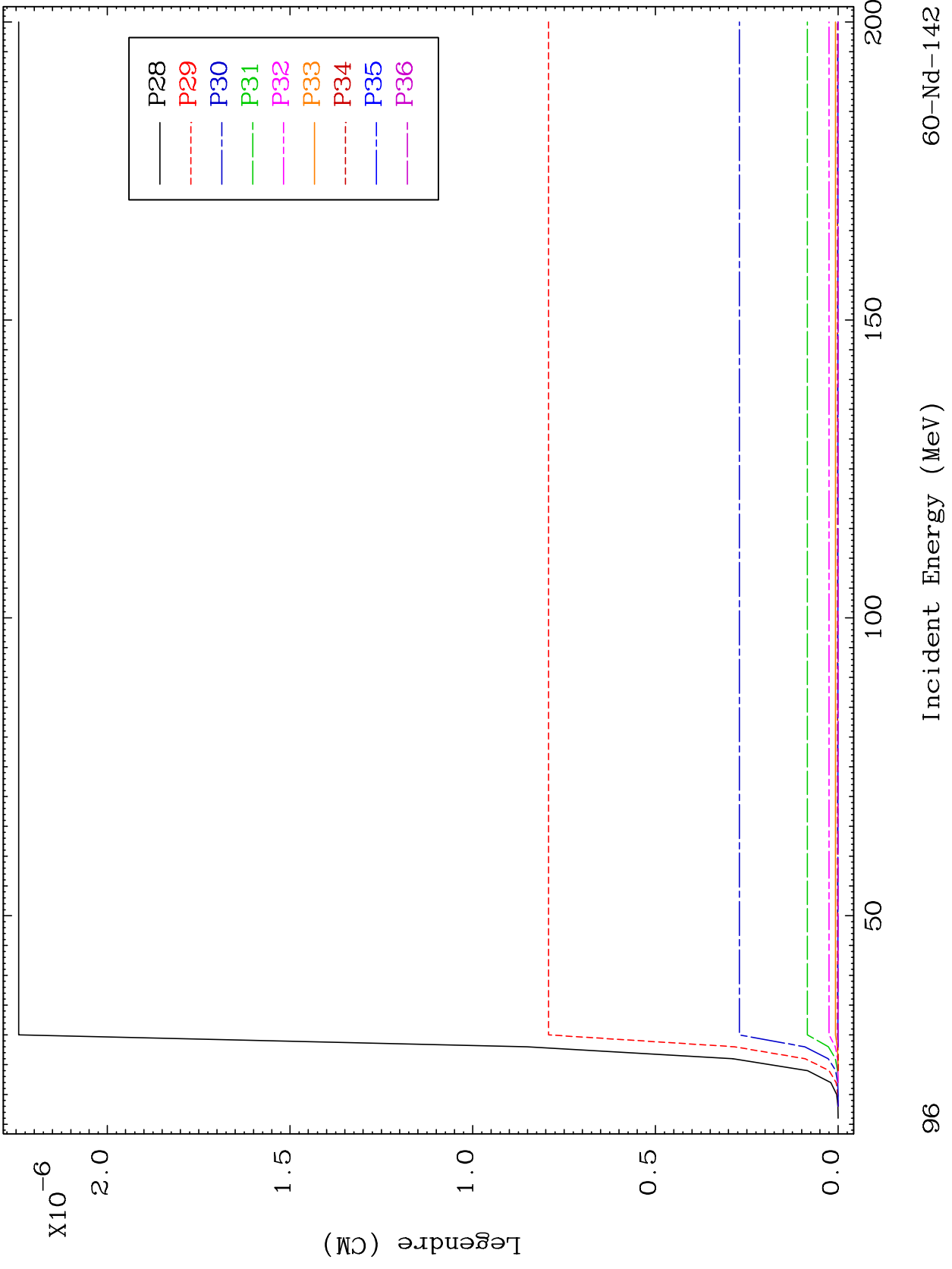
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



96

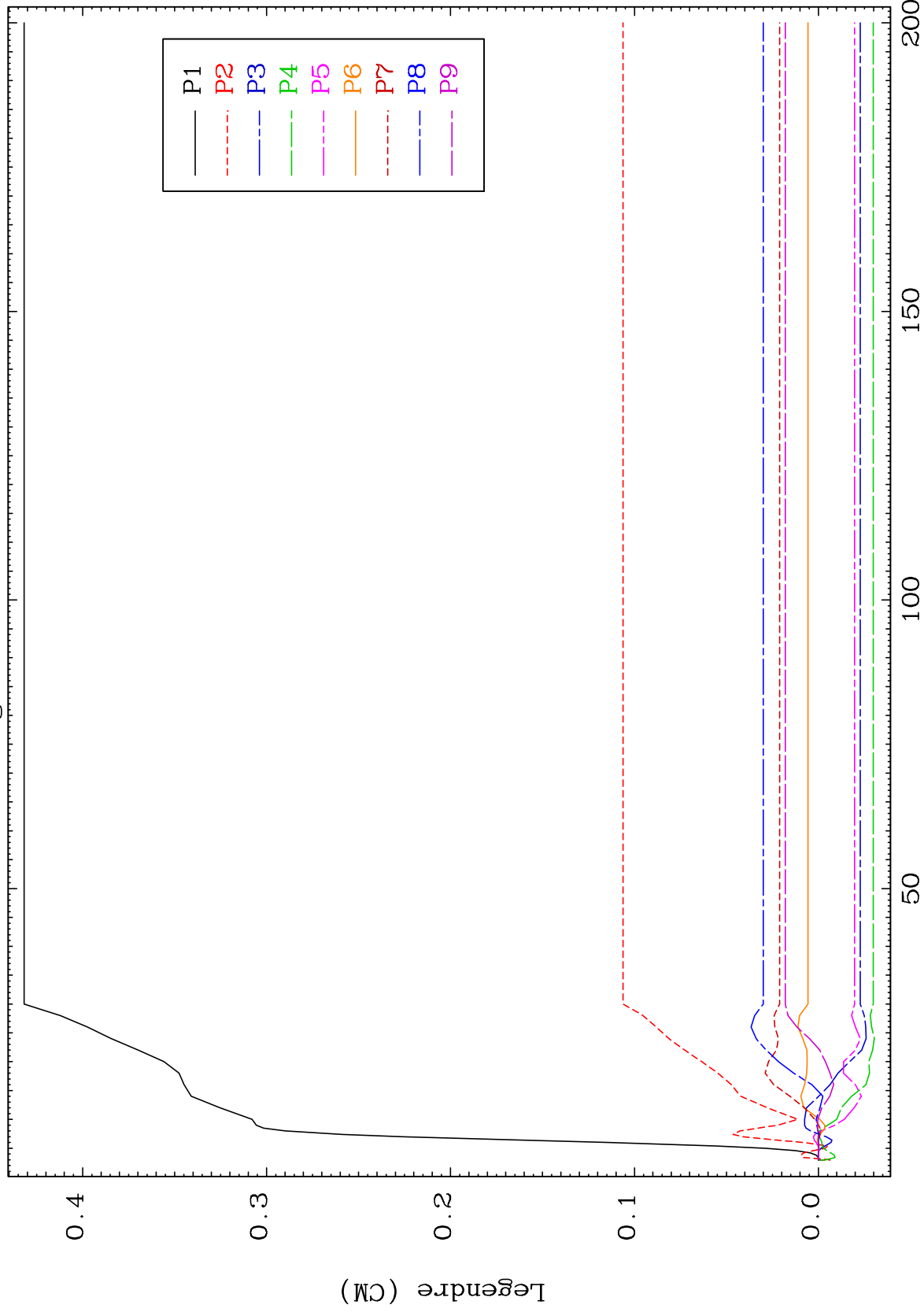
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



97

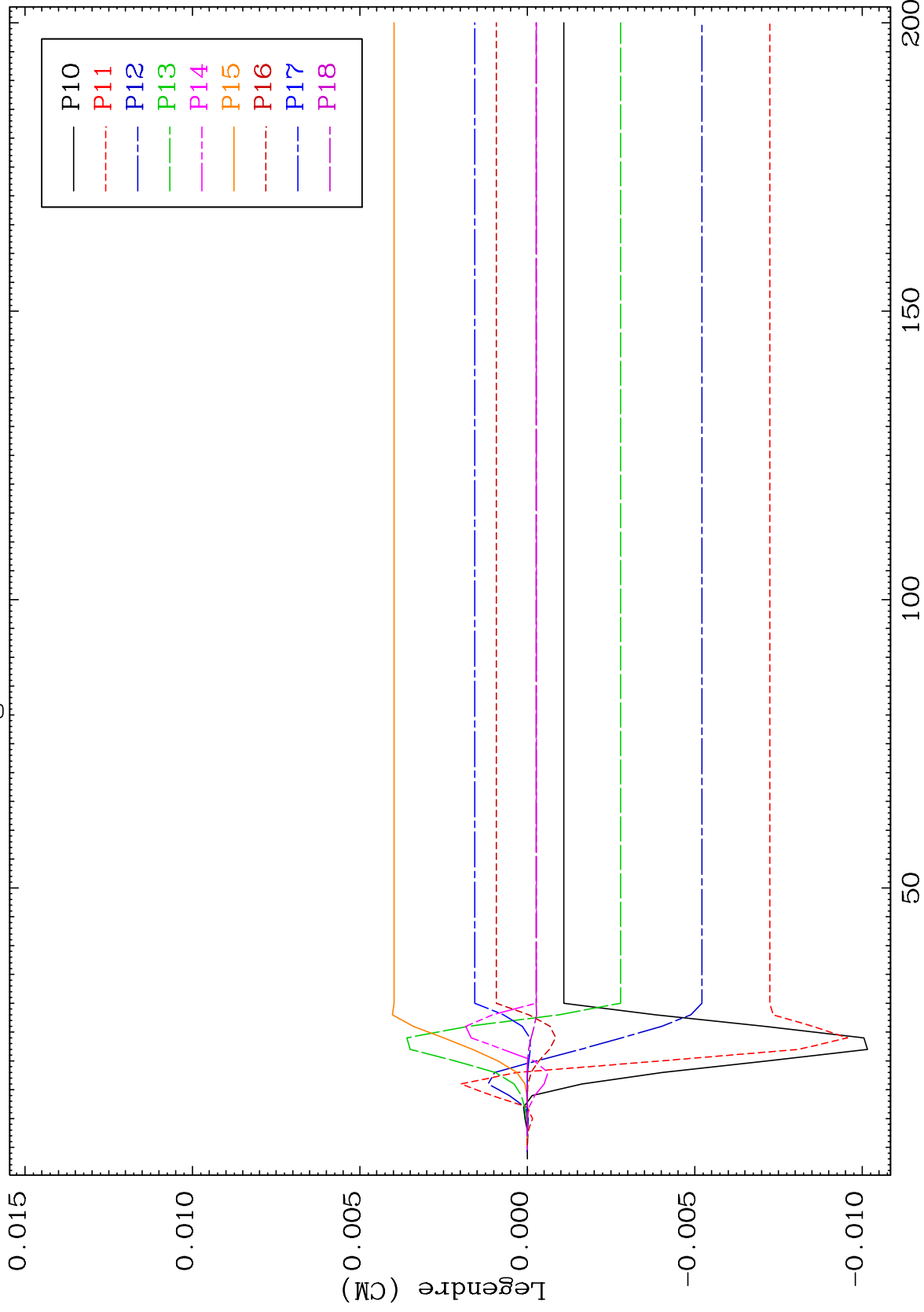
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

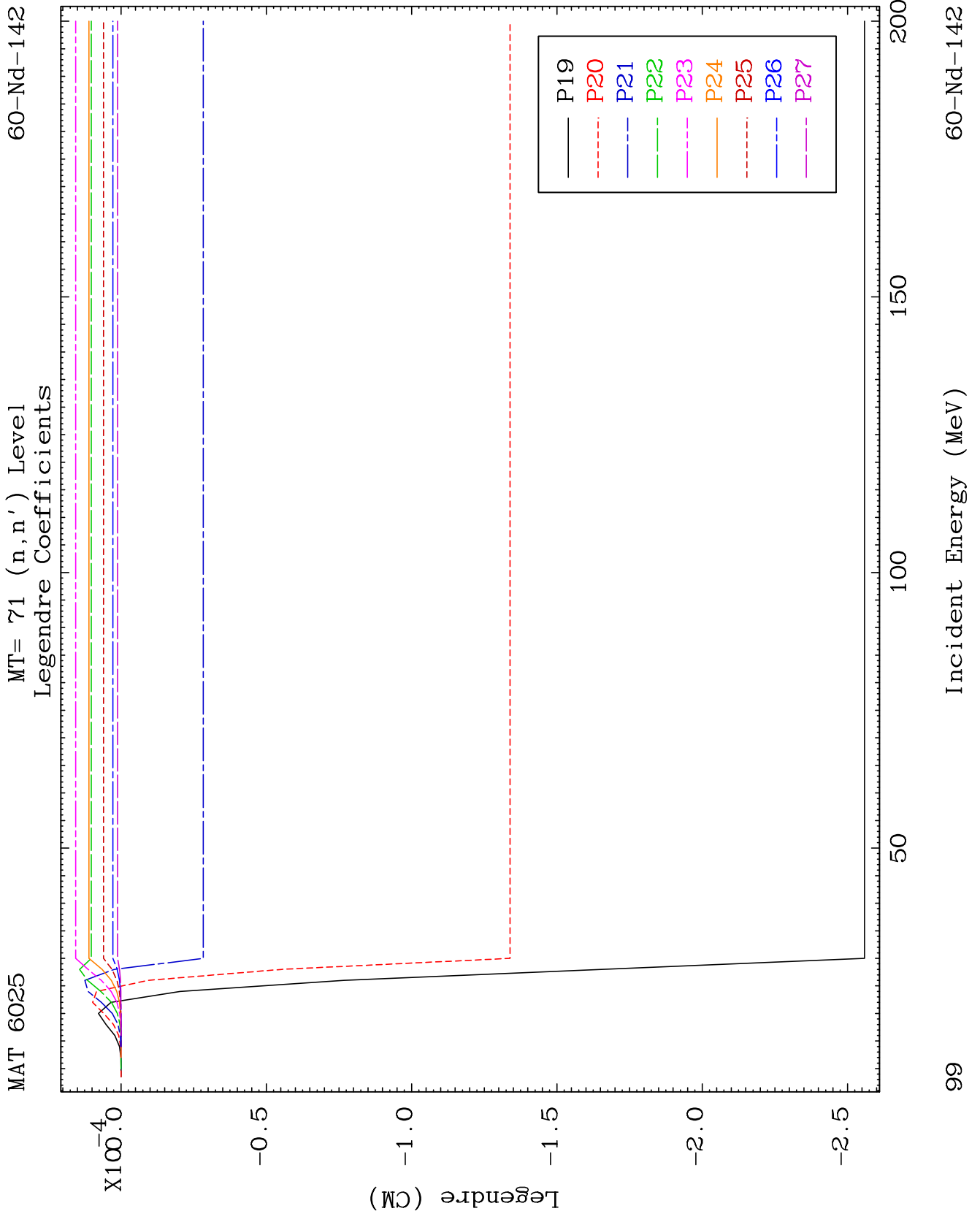
60-Nd-142



98

Incident Energy (MeV)

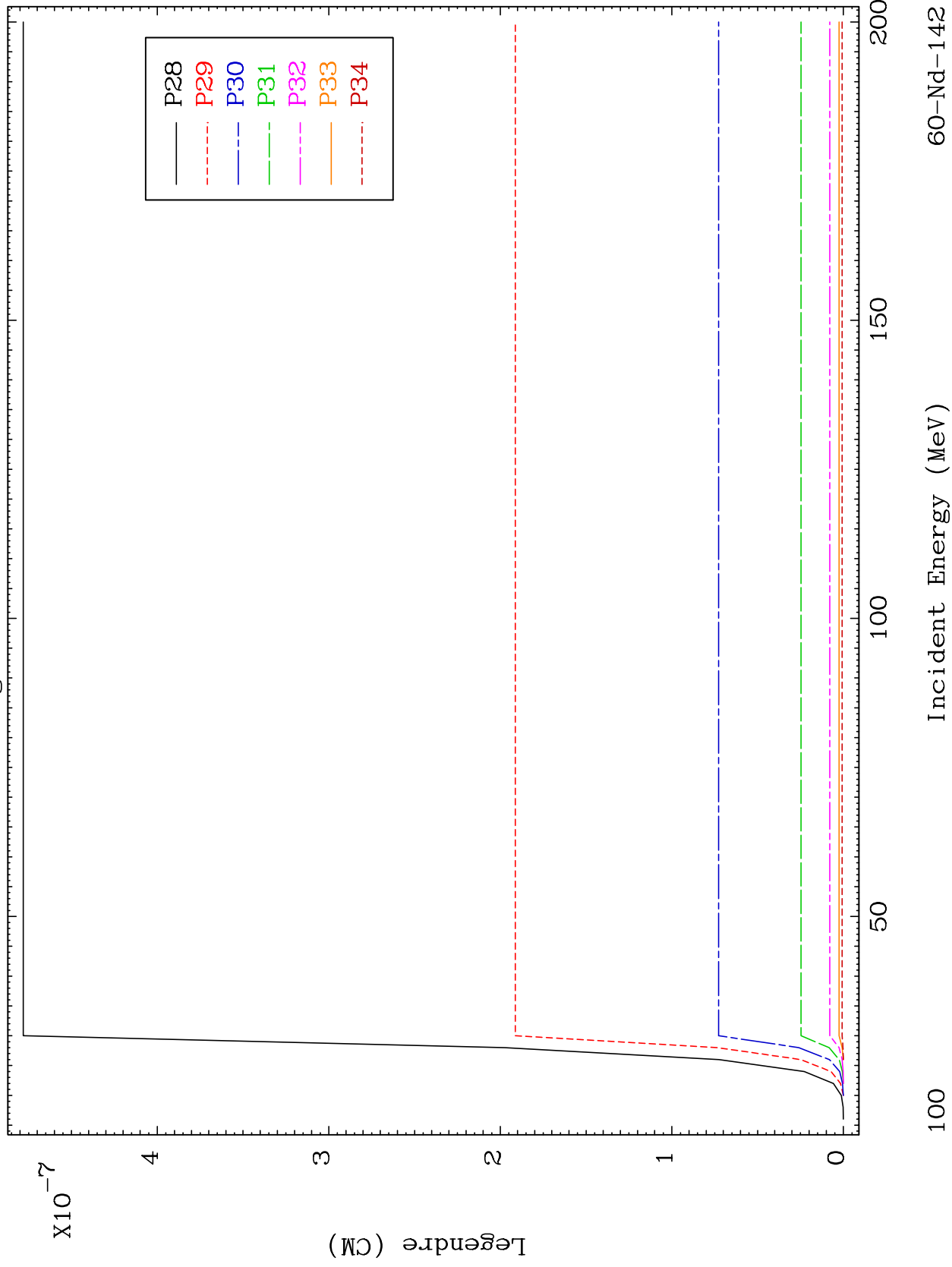
60-Nd-142

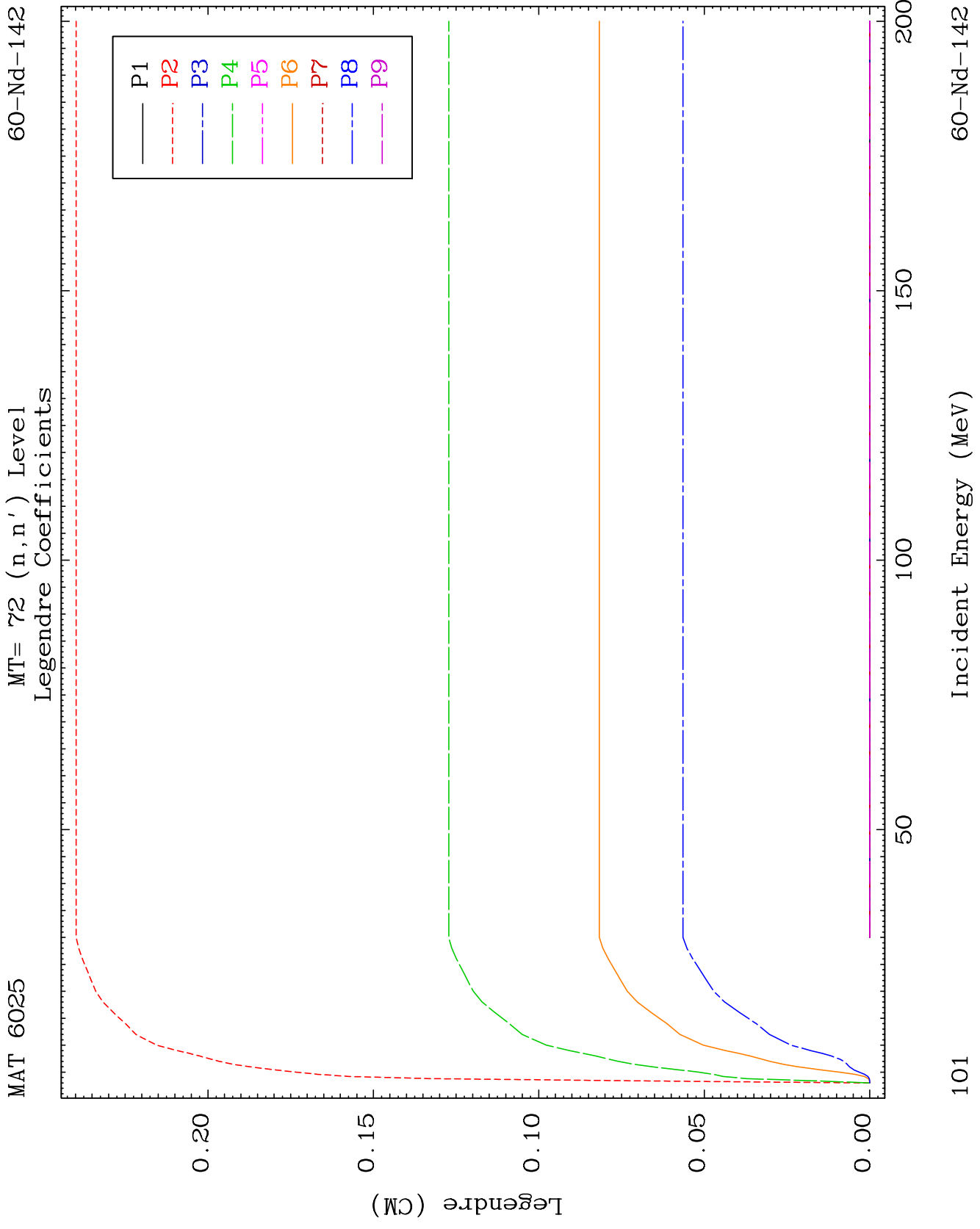


MAT 6025

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

60-Nd-142

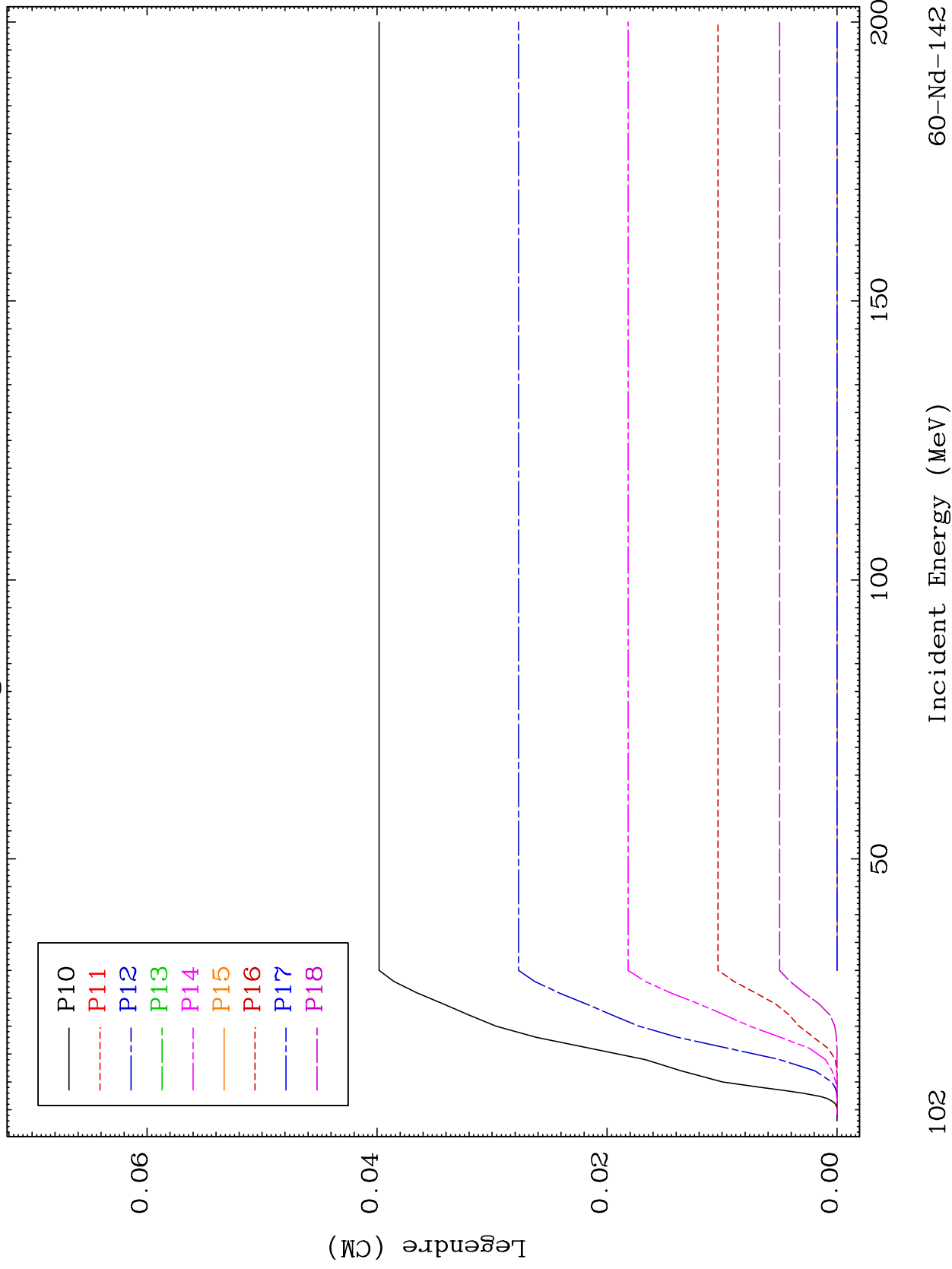




MAT 6025

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

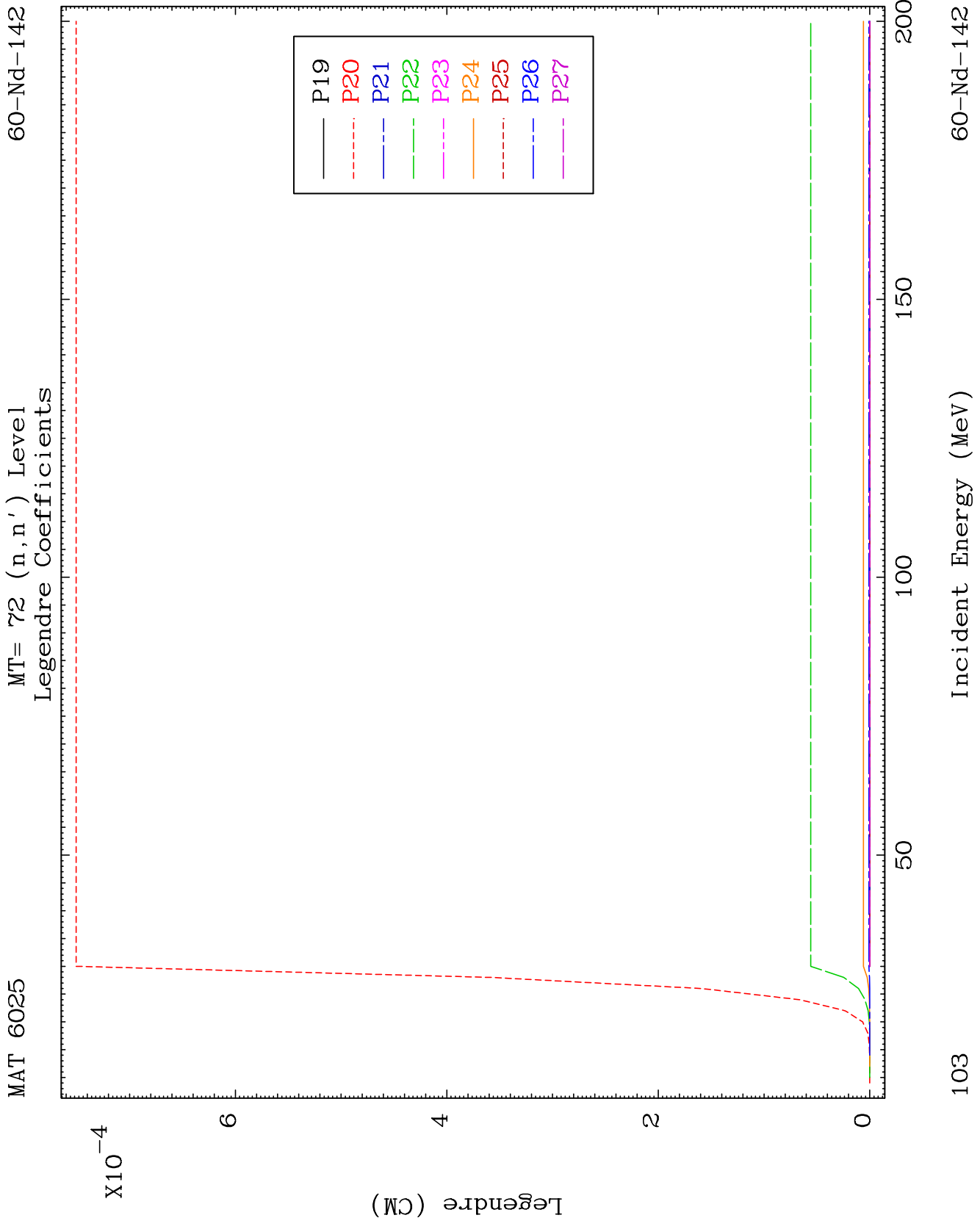
60-Nd-142



60-Nd-142

Incident Energy (MeV)

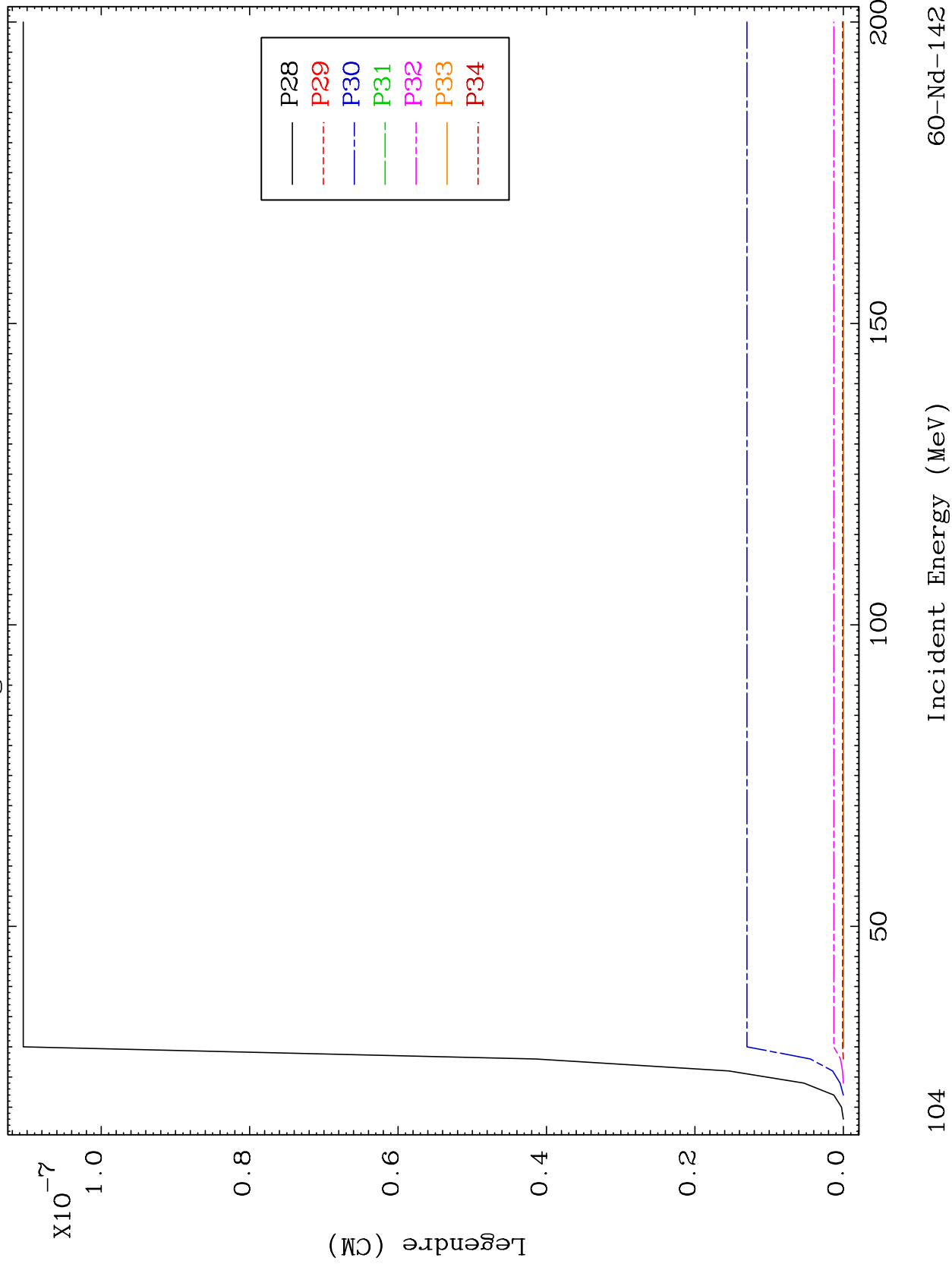
102



MAT 6025

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

60-Nd-142



104

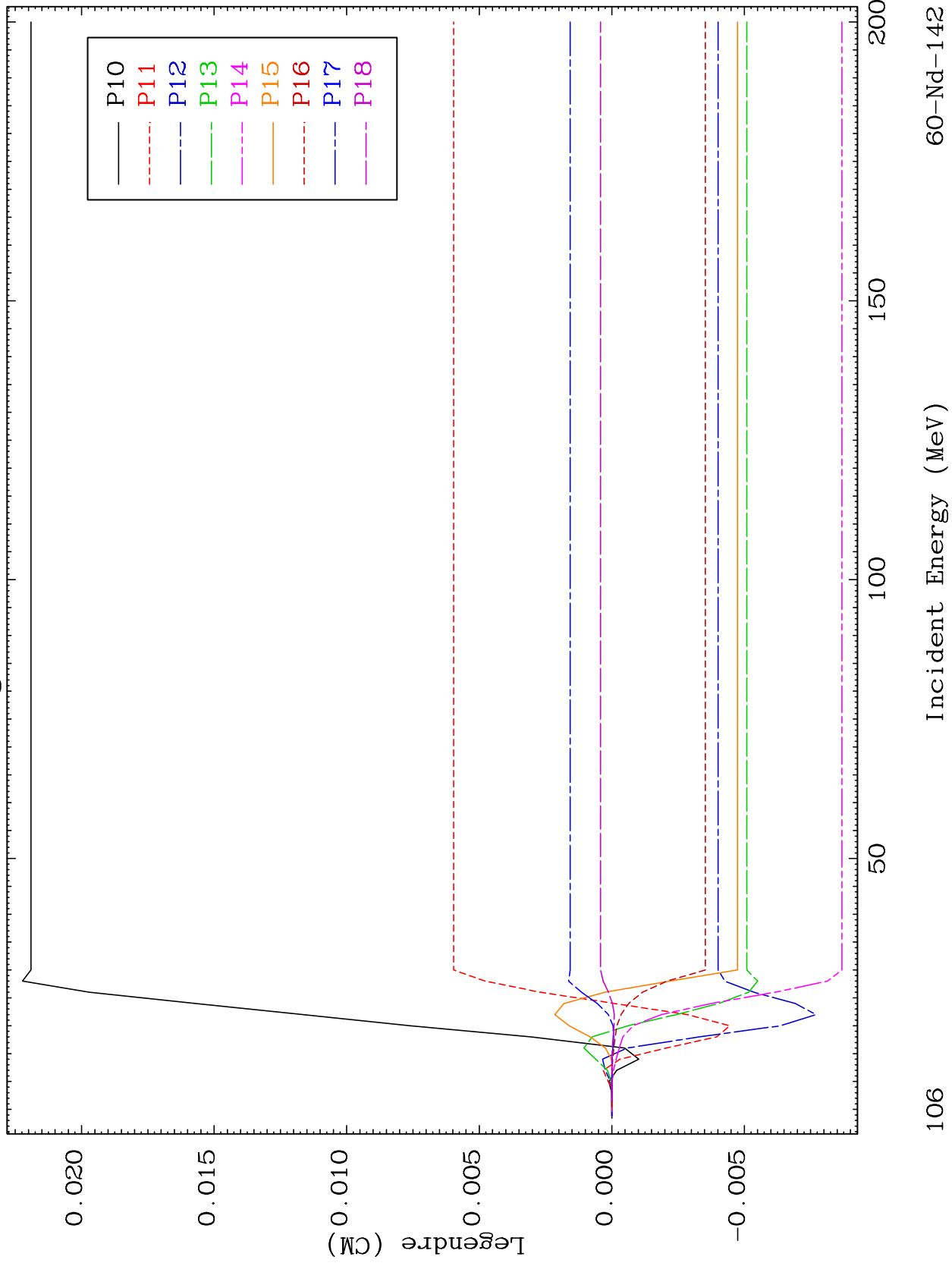
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



106

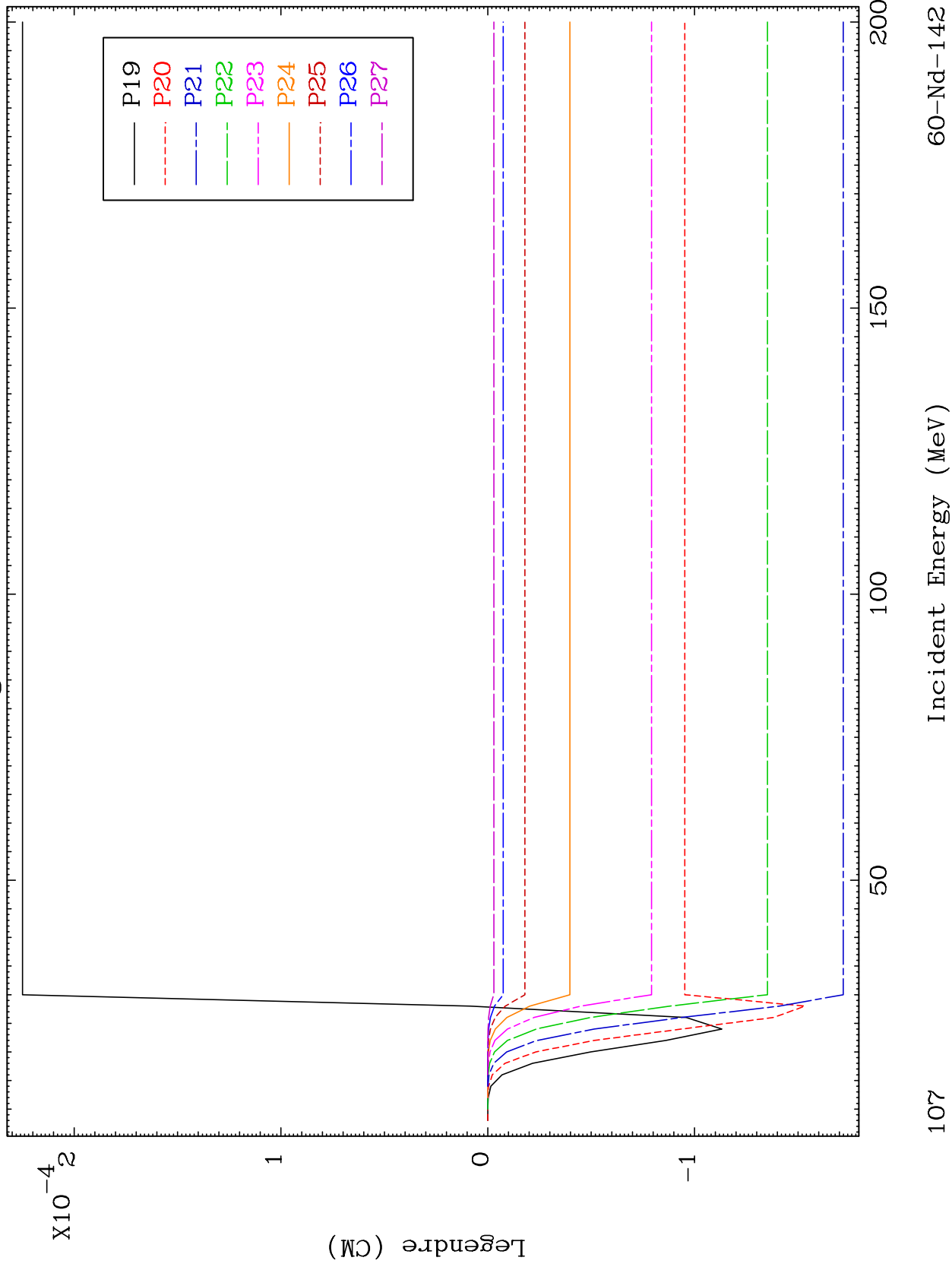
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

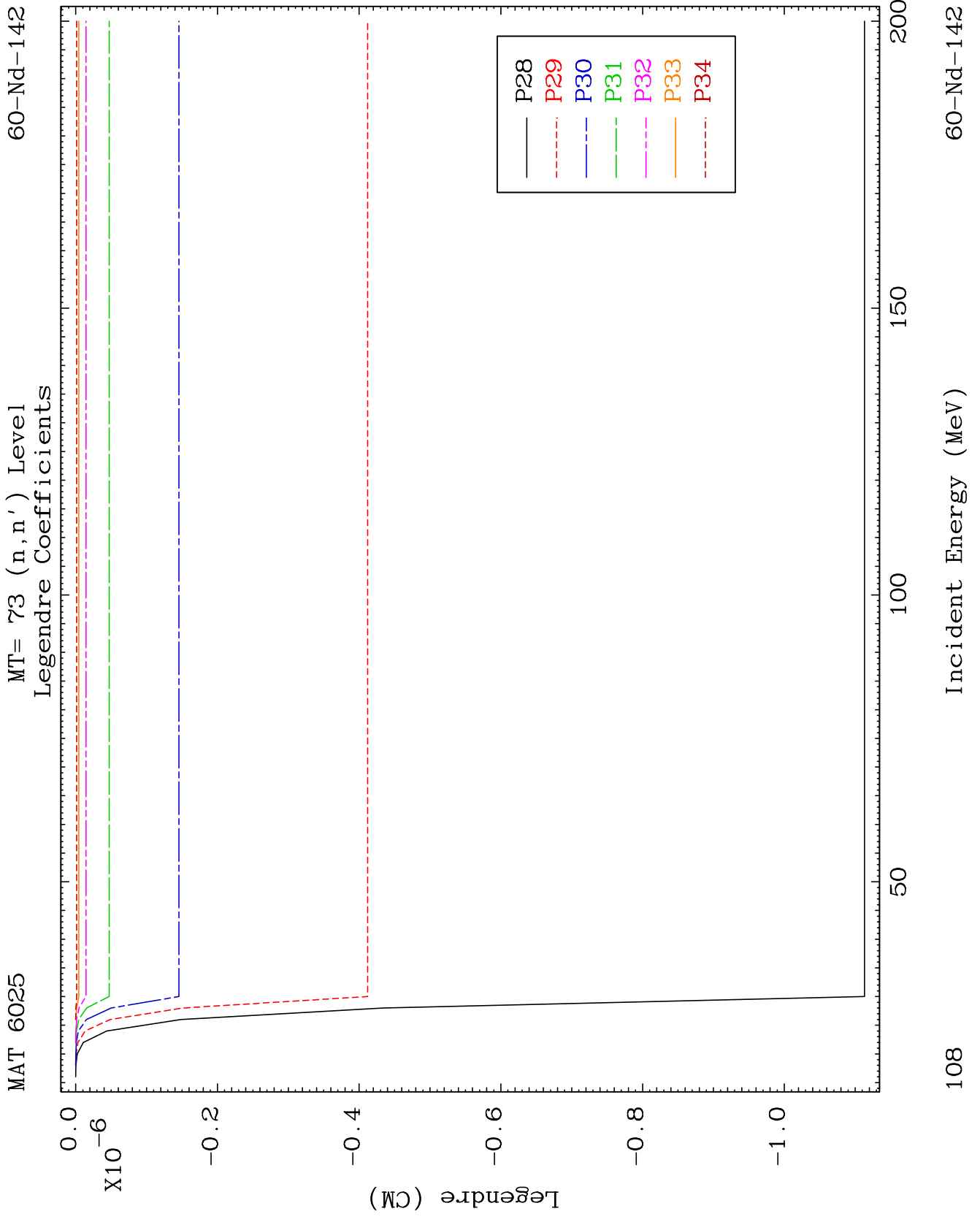
60-Nd-142

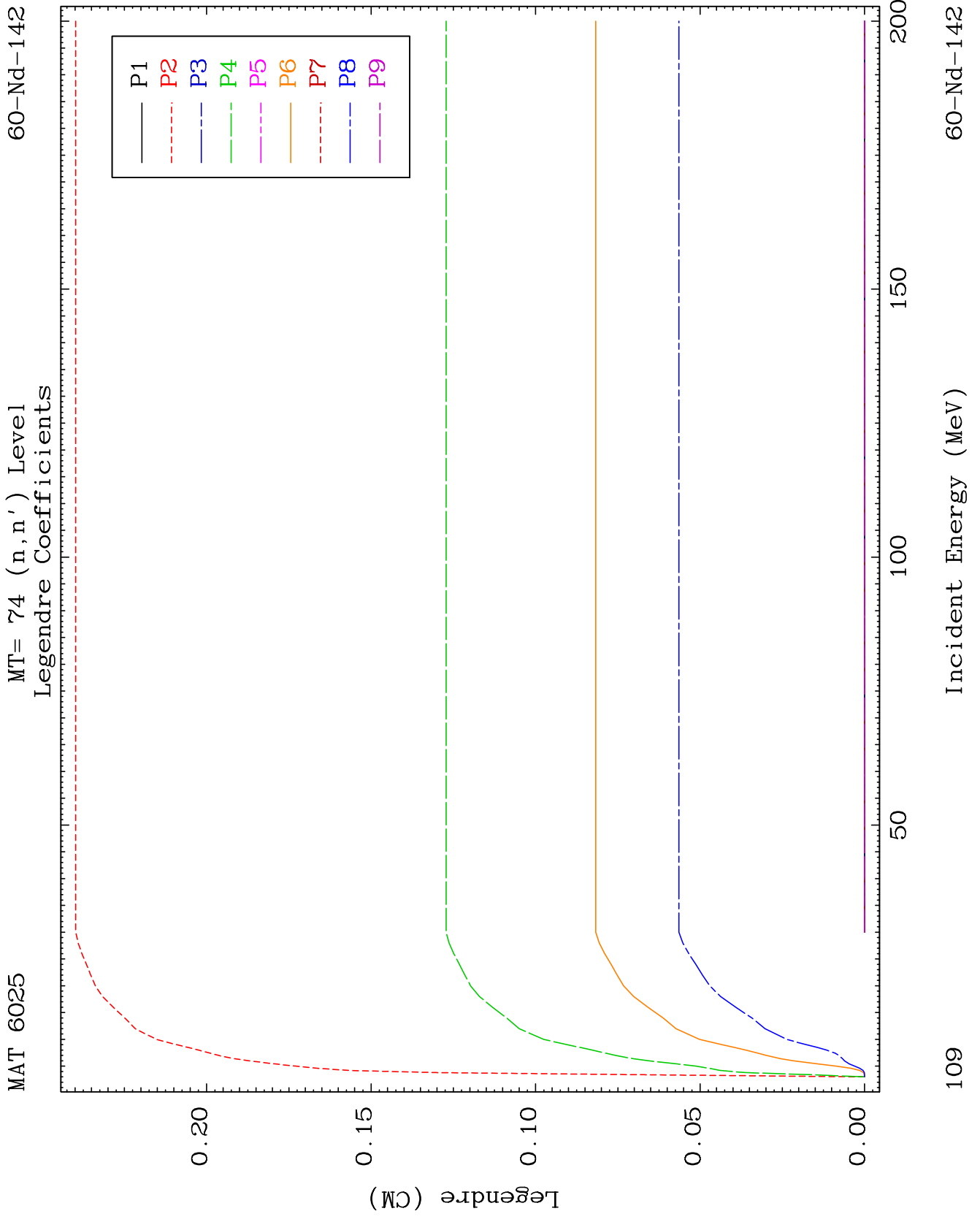


107

Incident Energy (MeV)

60-Nd-142

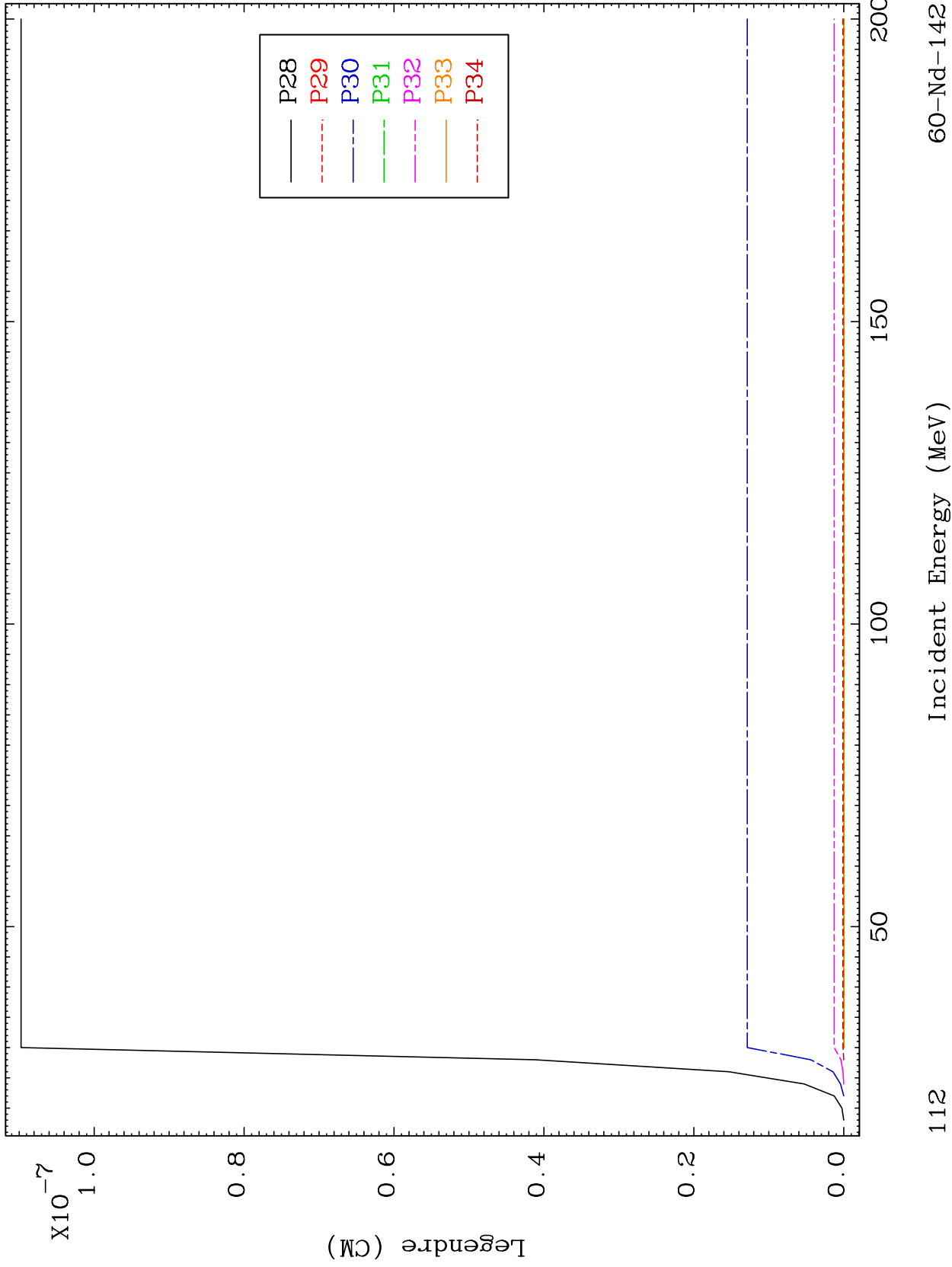




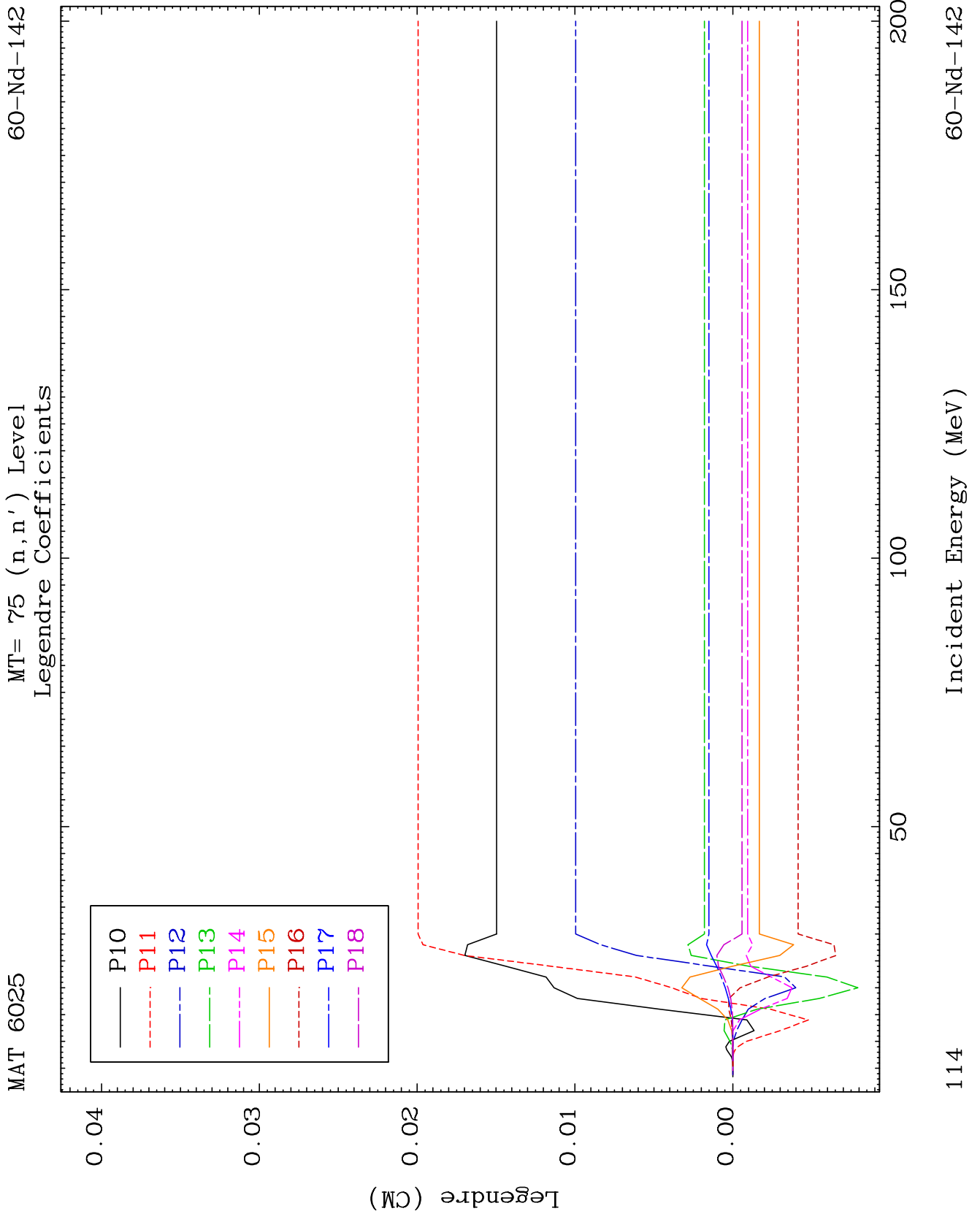
MAT 6025

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

60-Nd-142



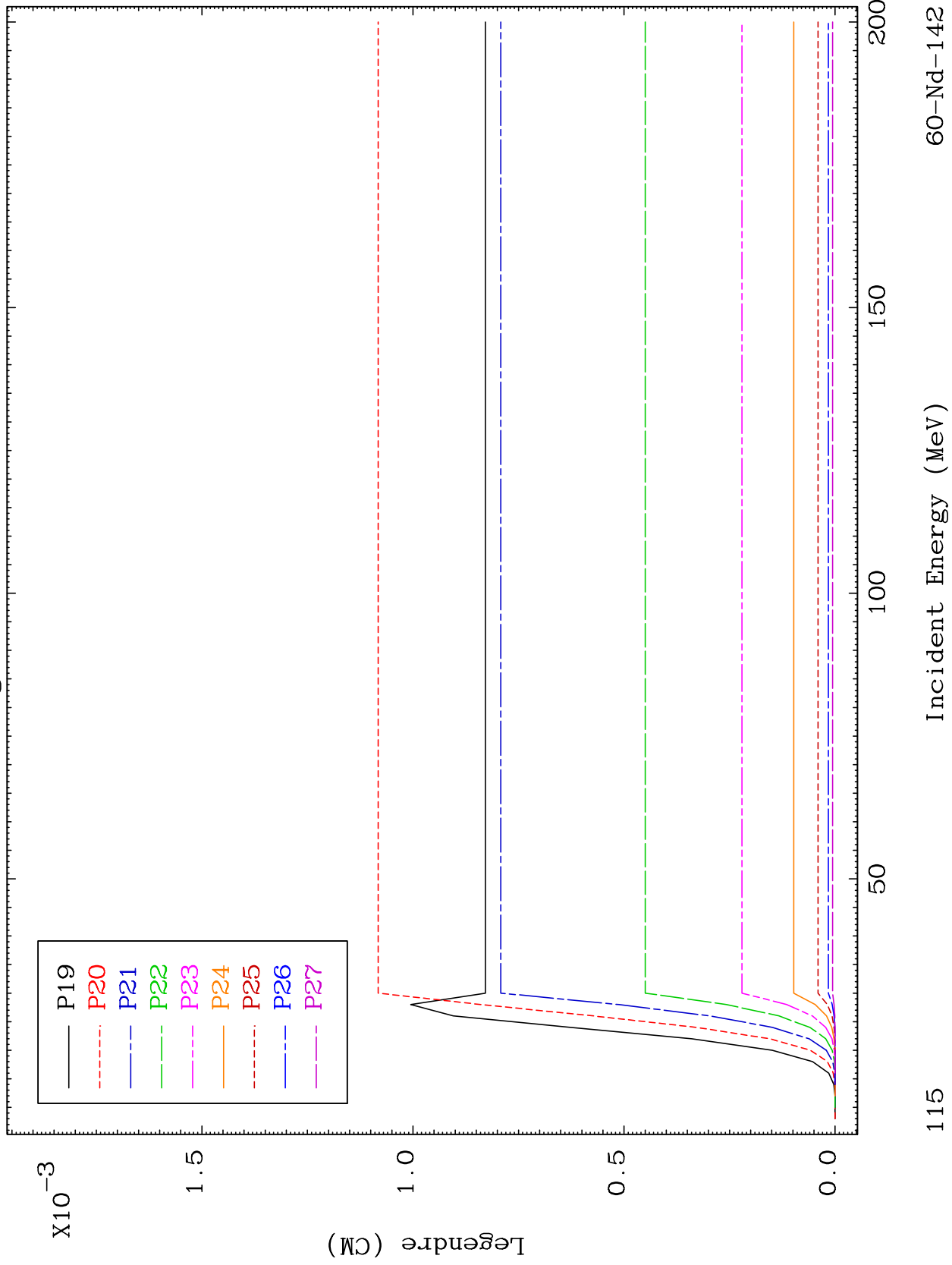
112



MAT 6025

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

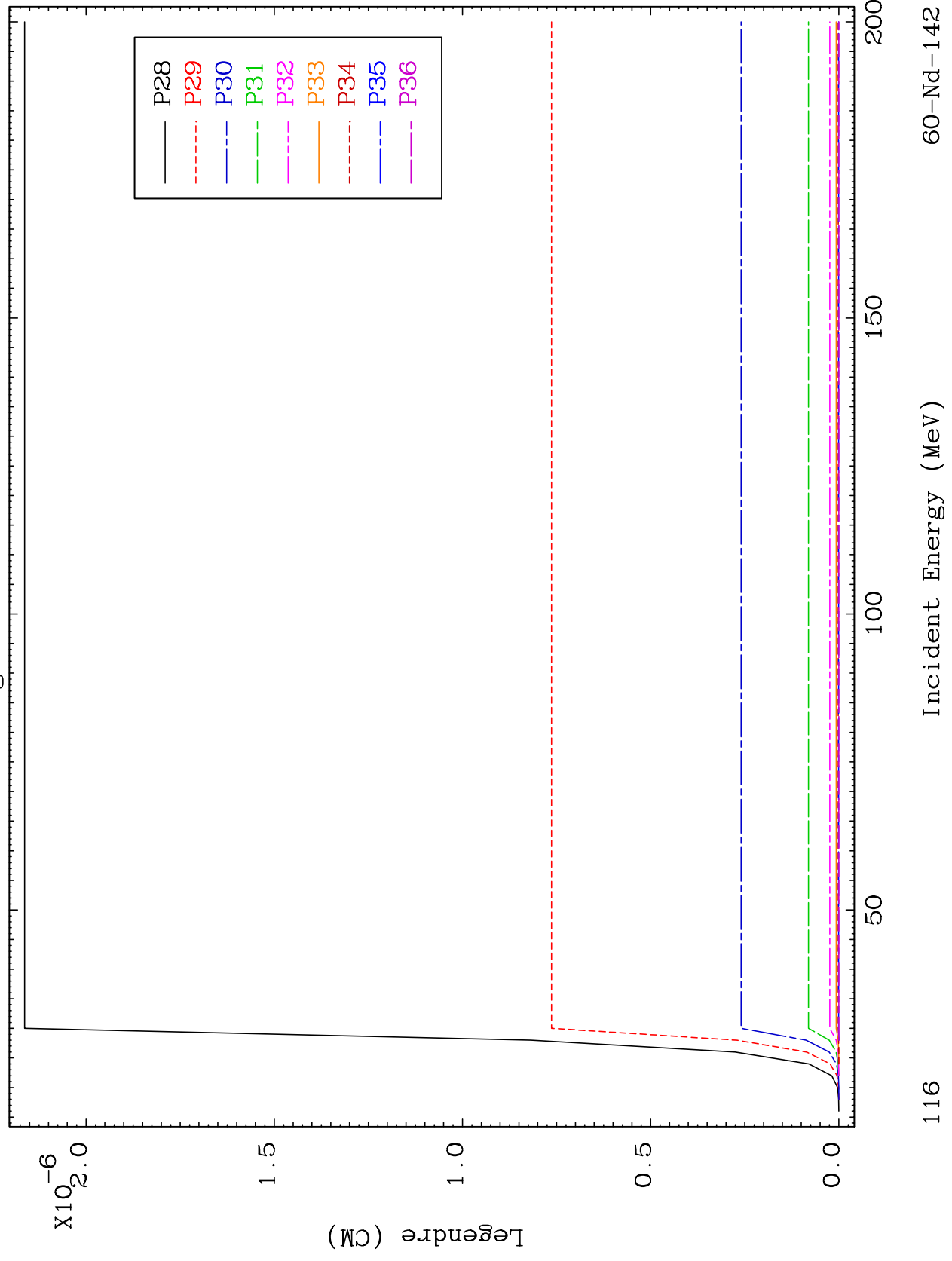
60-Nd-142



MAT 6025

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

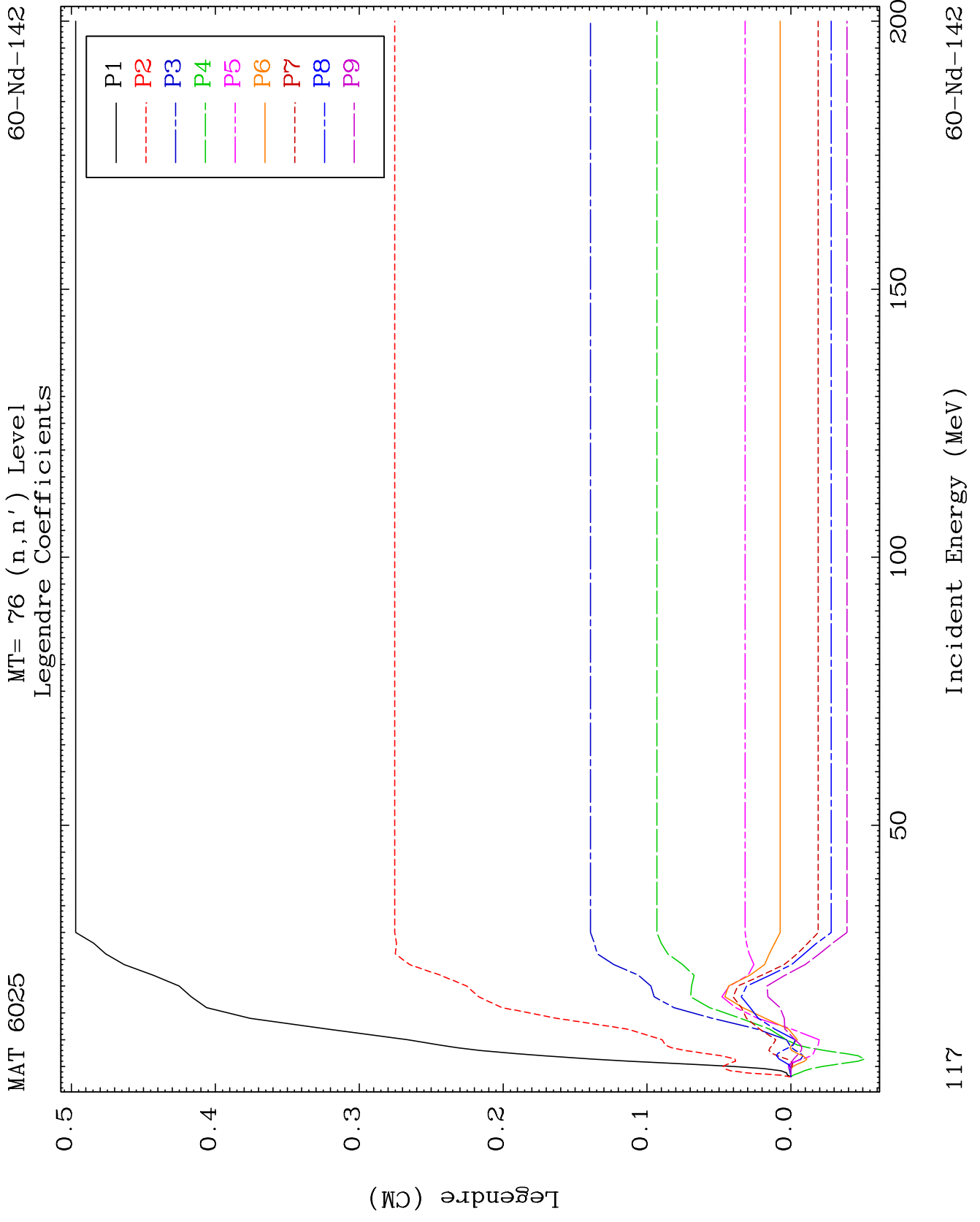
60-Nd-142



116

Incident Energy (MeV)

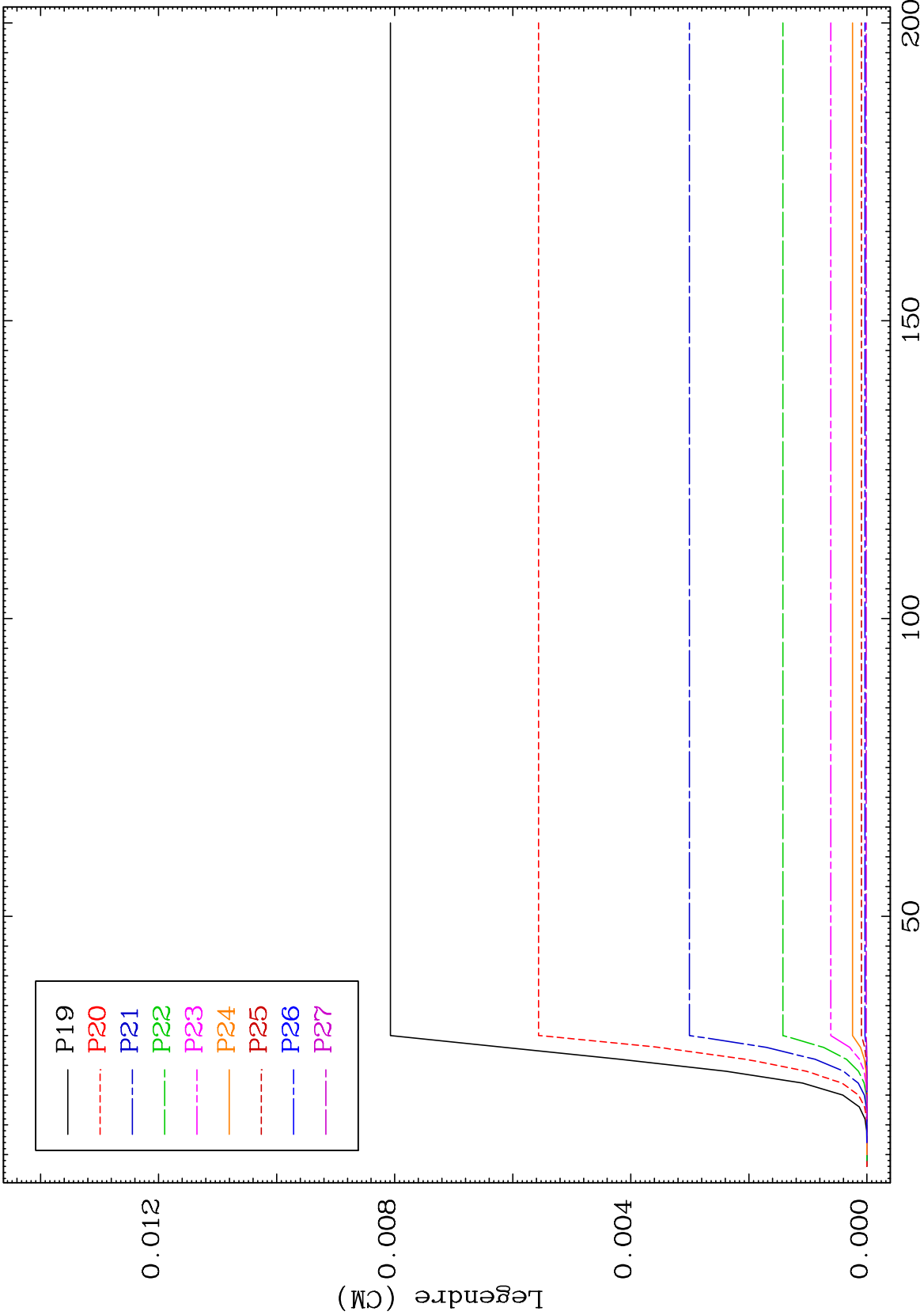
60-Nd-142



MAT 6025

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

60-Nd-142



119

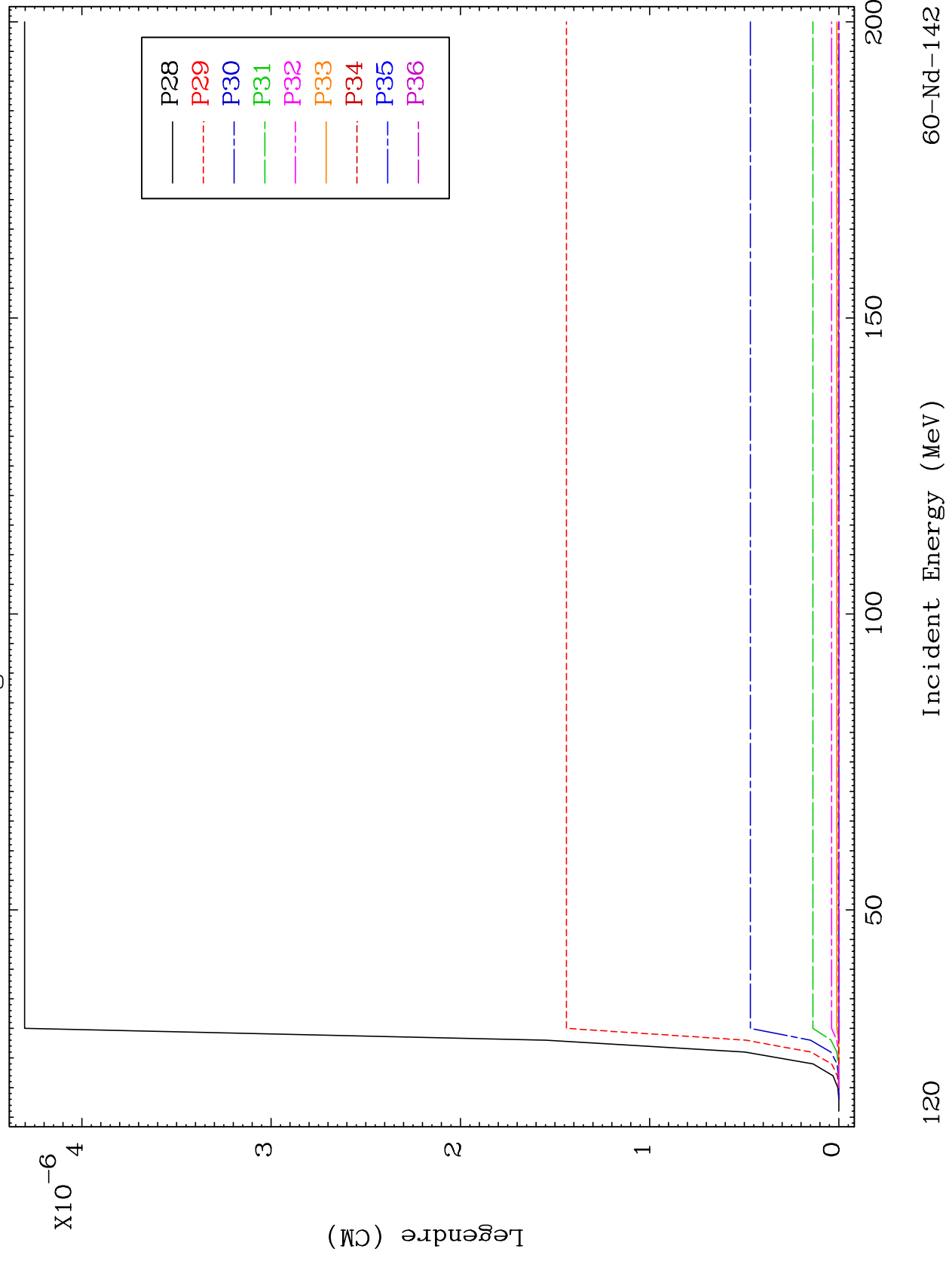
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



120

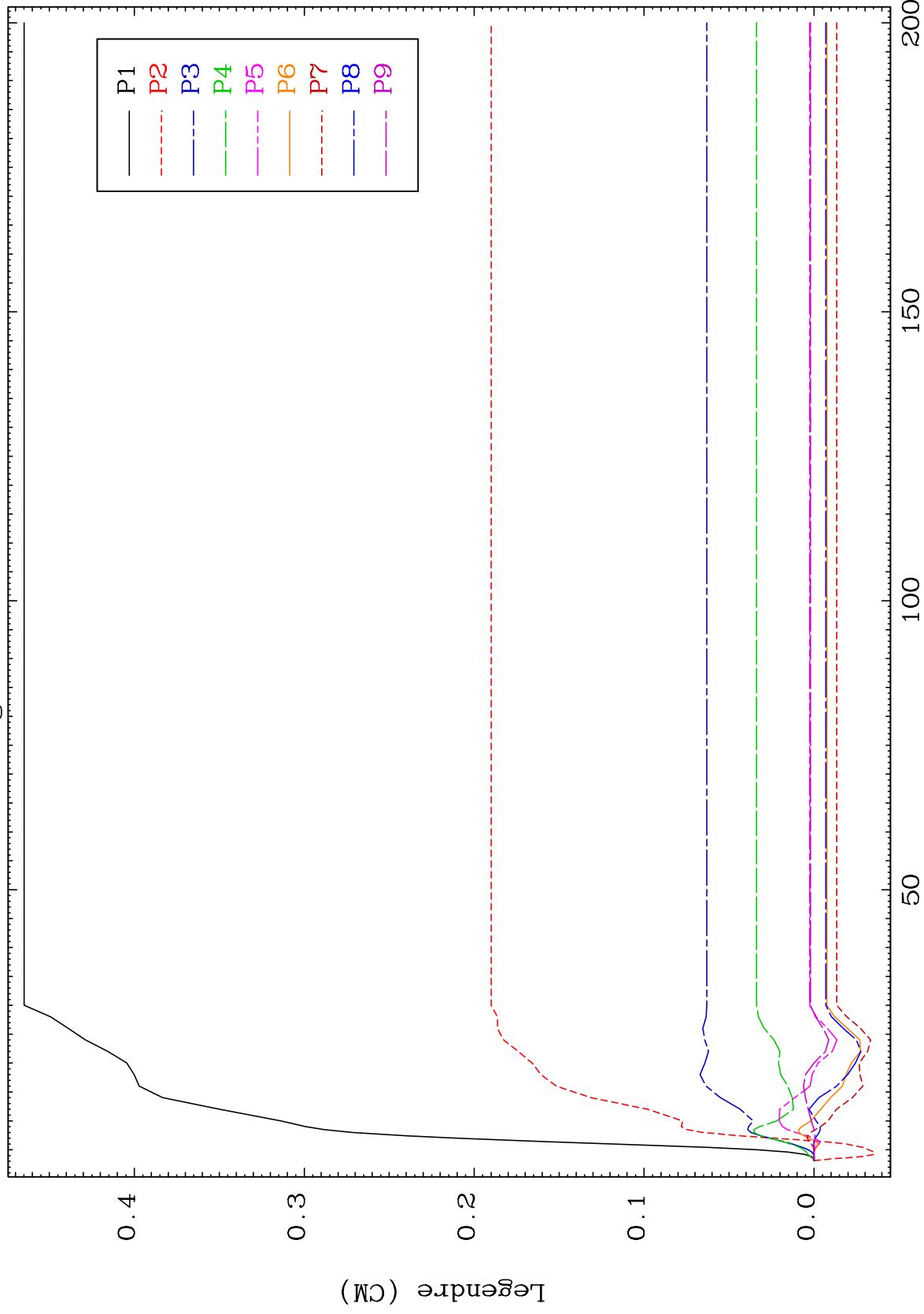
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



121

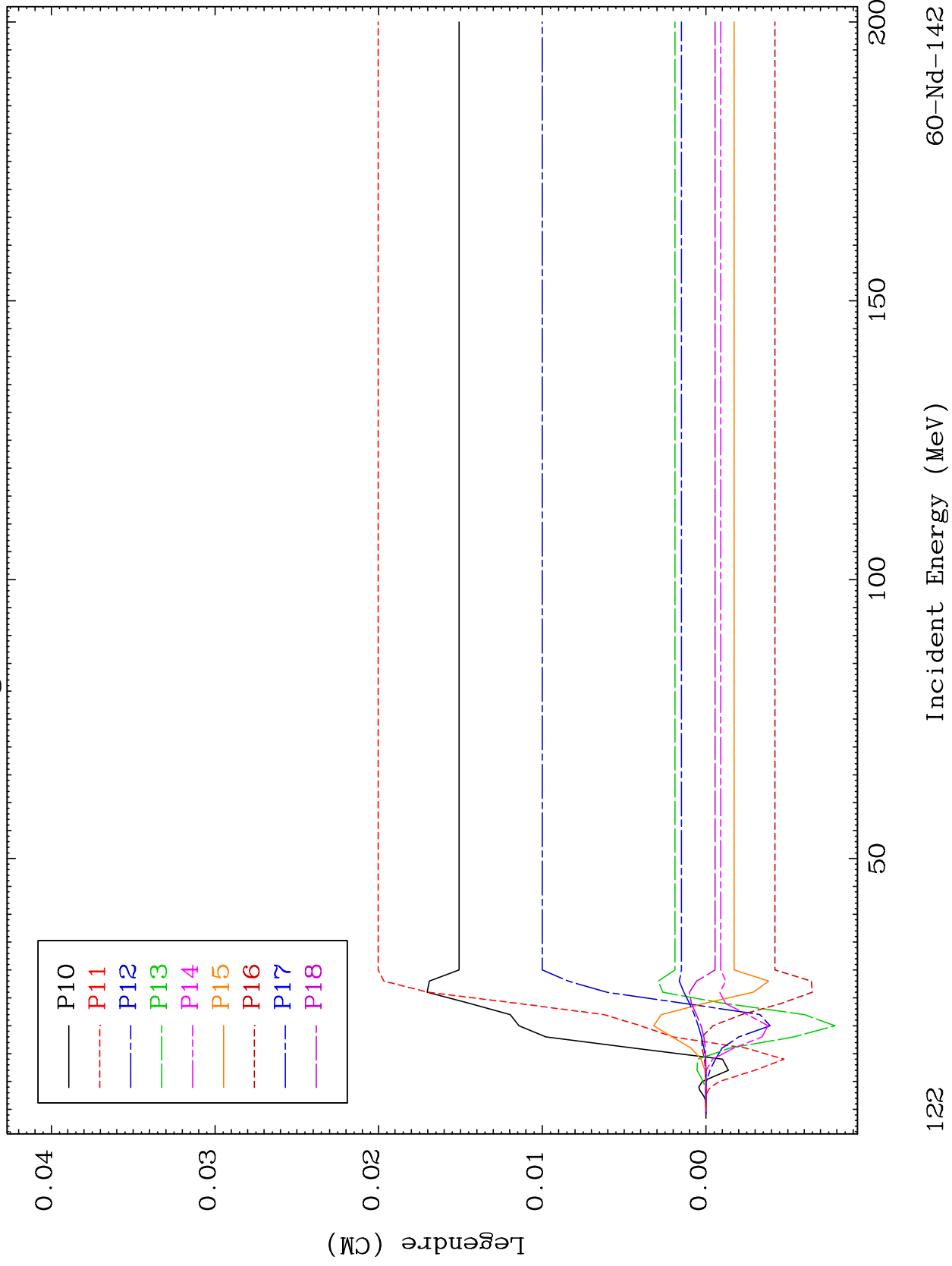
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

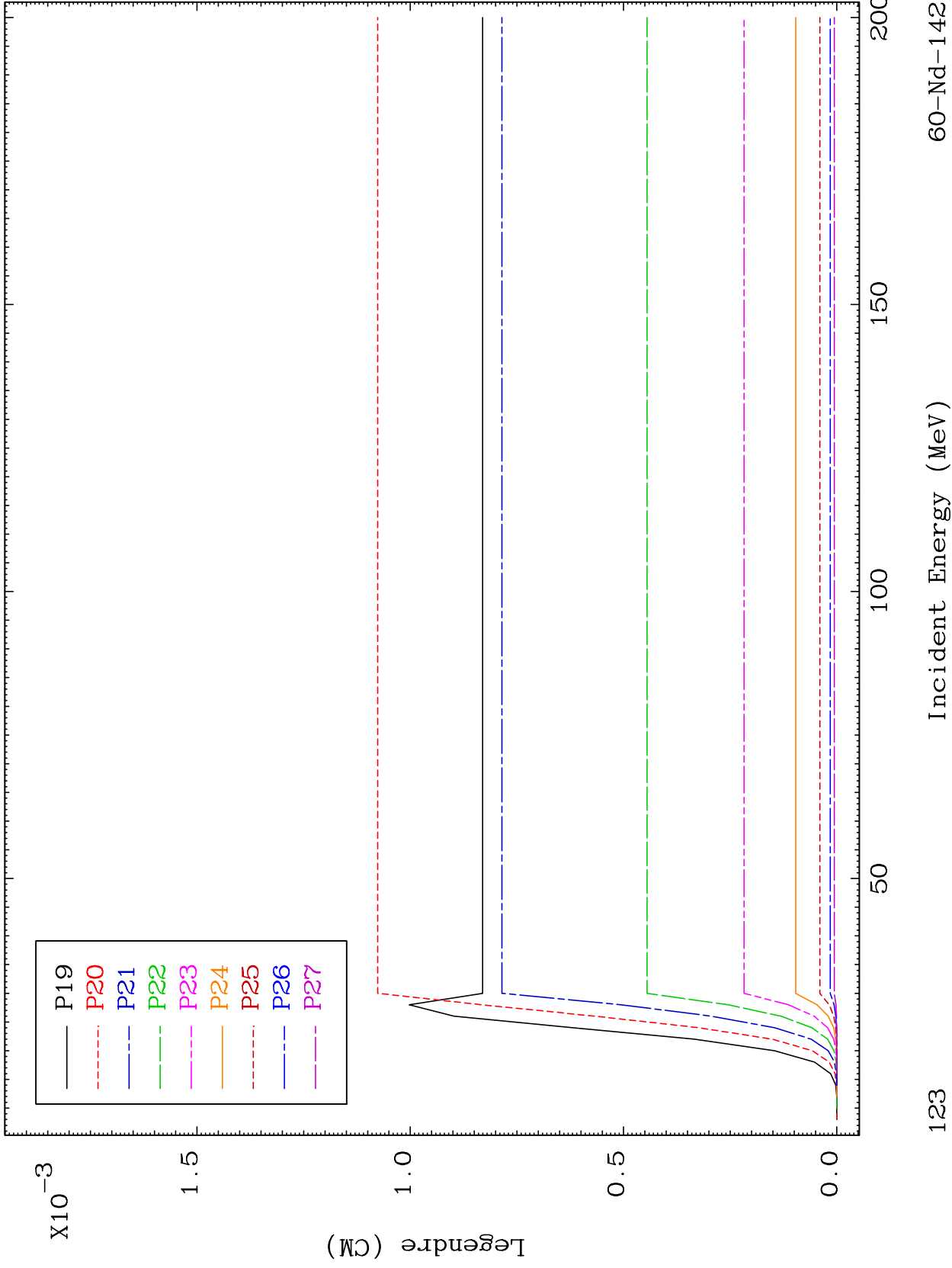
60-Nd-142



MAT 6025

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

60-Nd-142

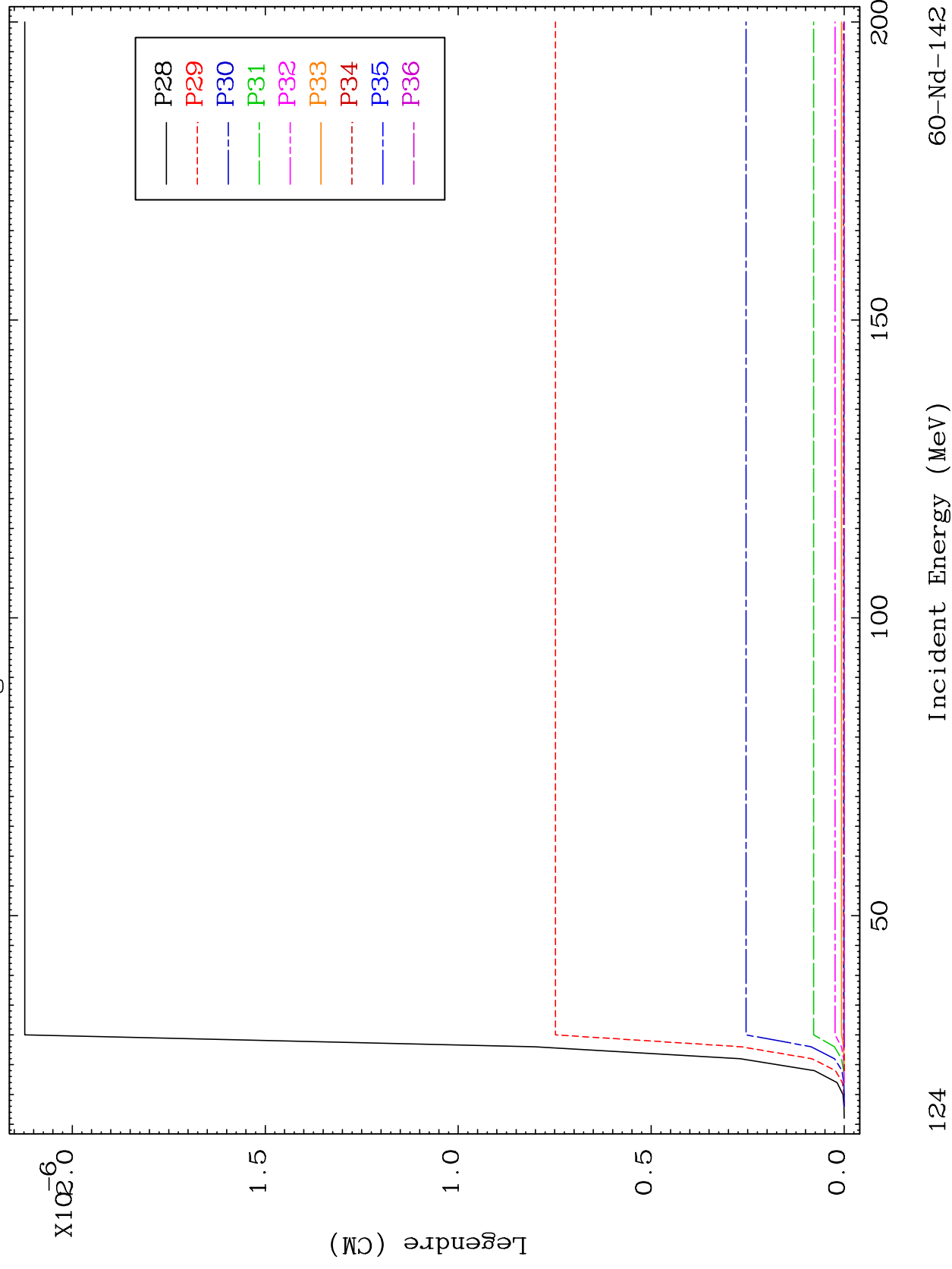


123

MAT 6025

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

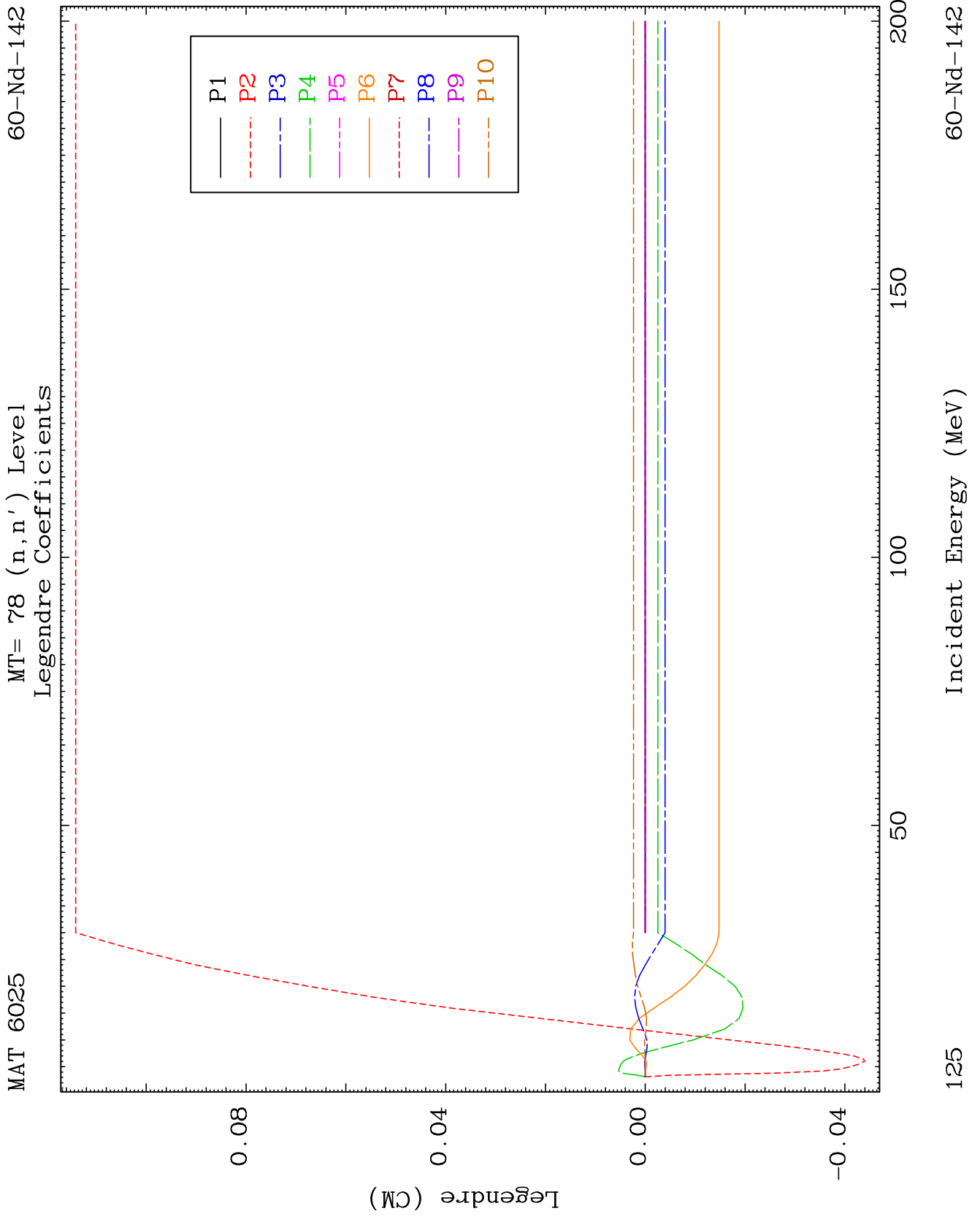
60-Nd-142

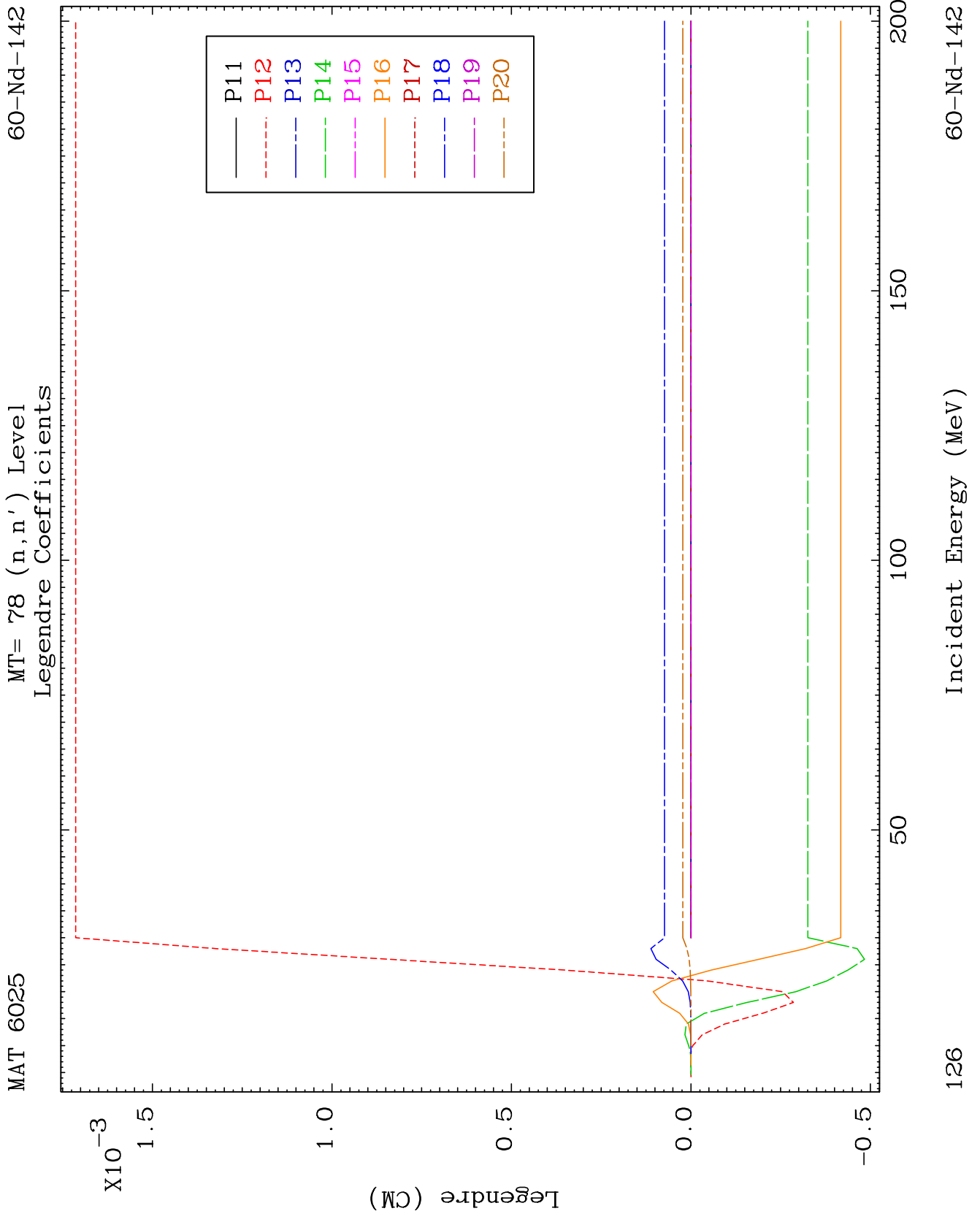


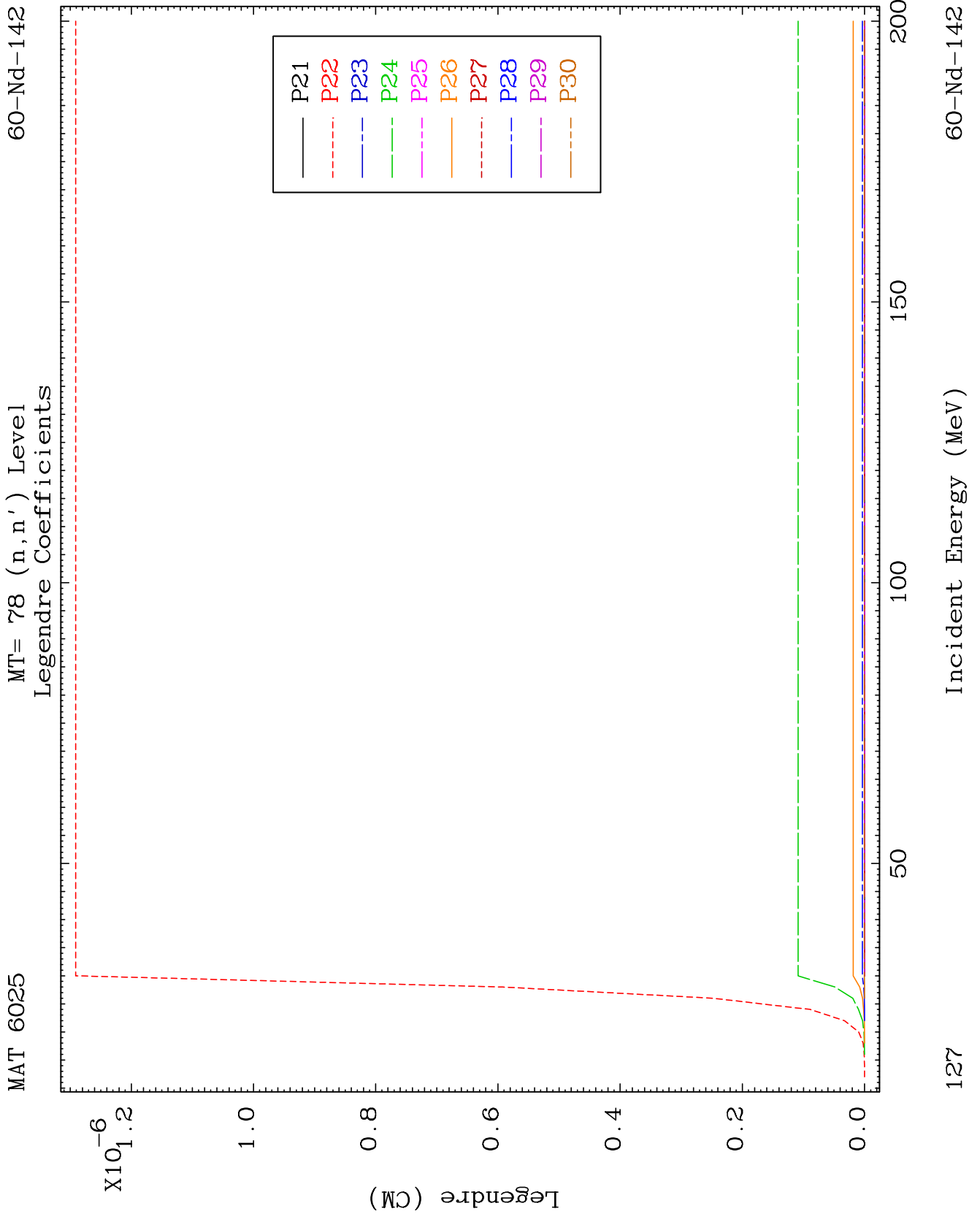
124

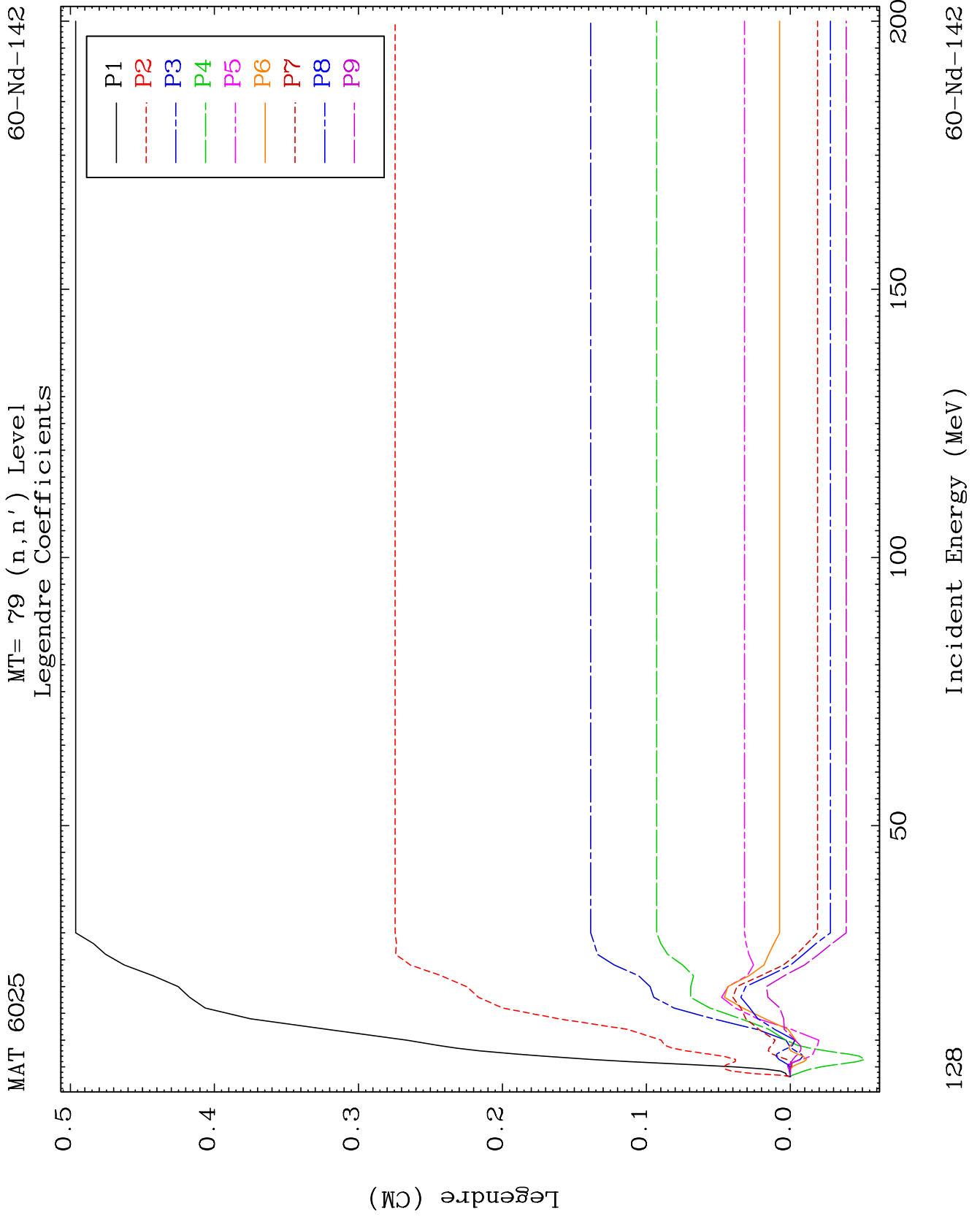
Incident Energy (MeV)

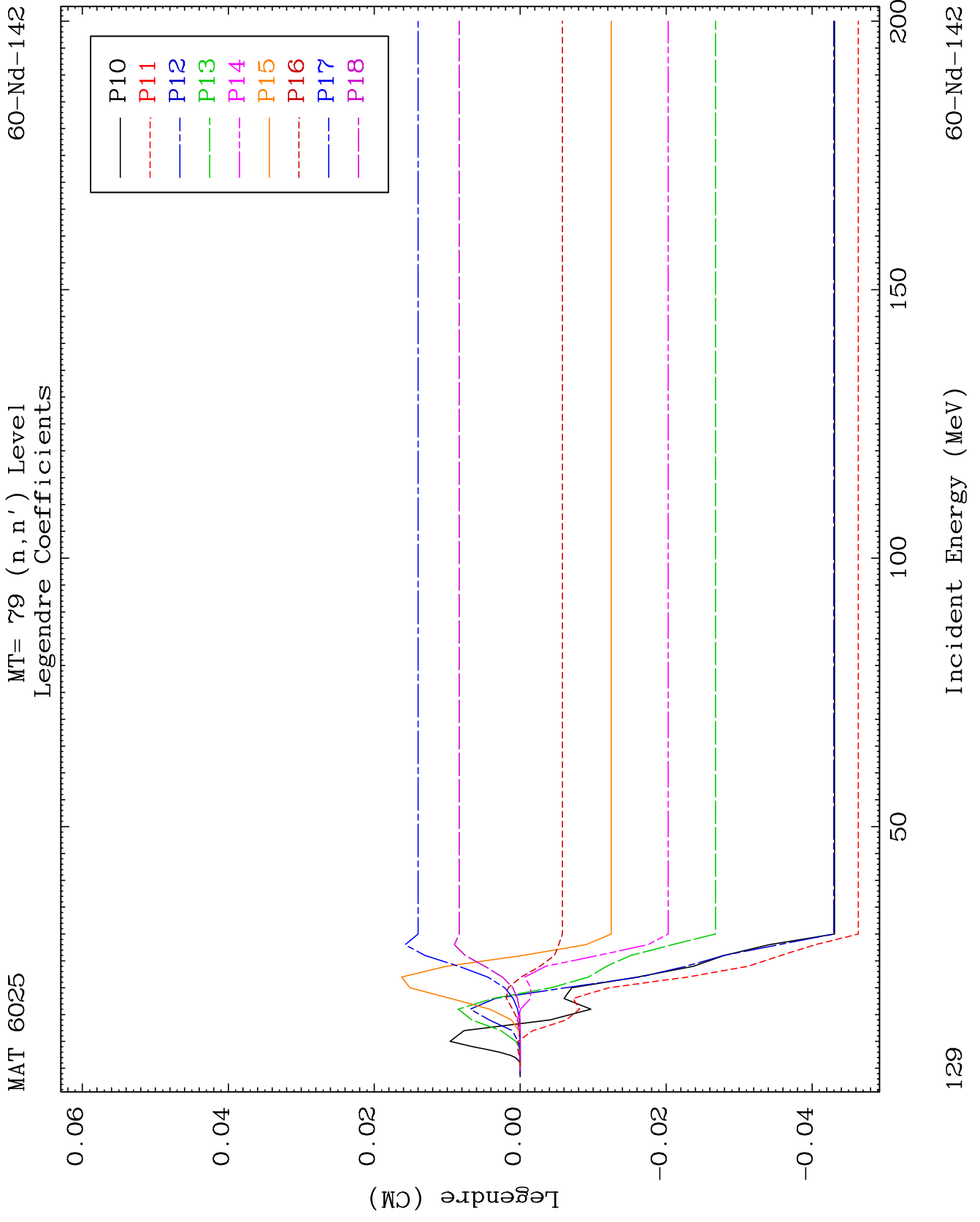
60-Nd-142







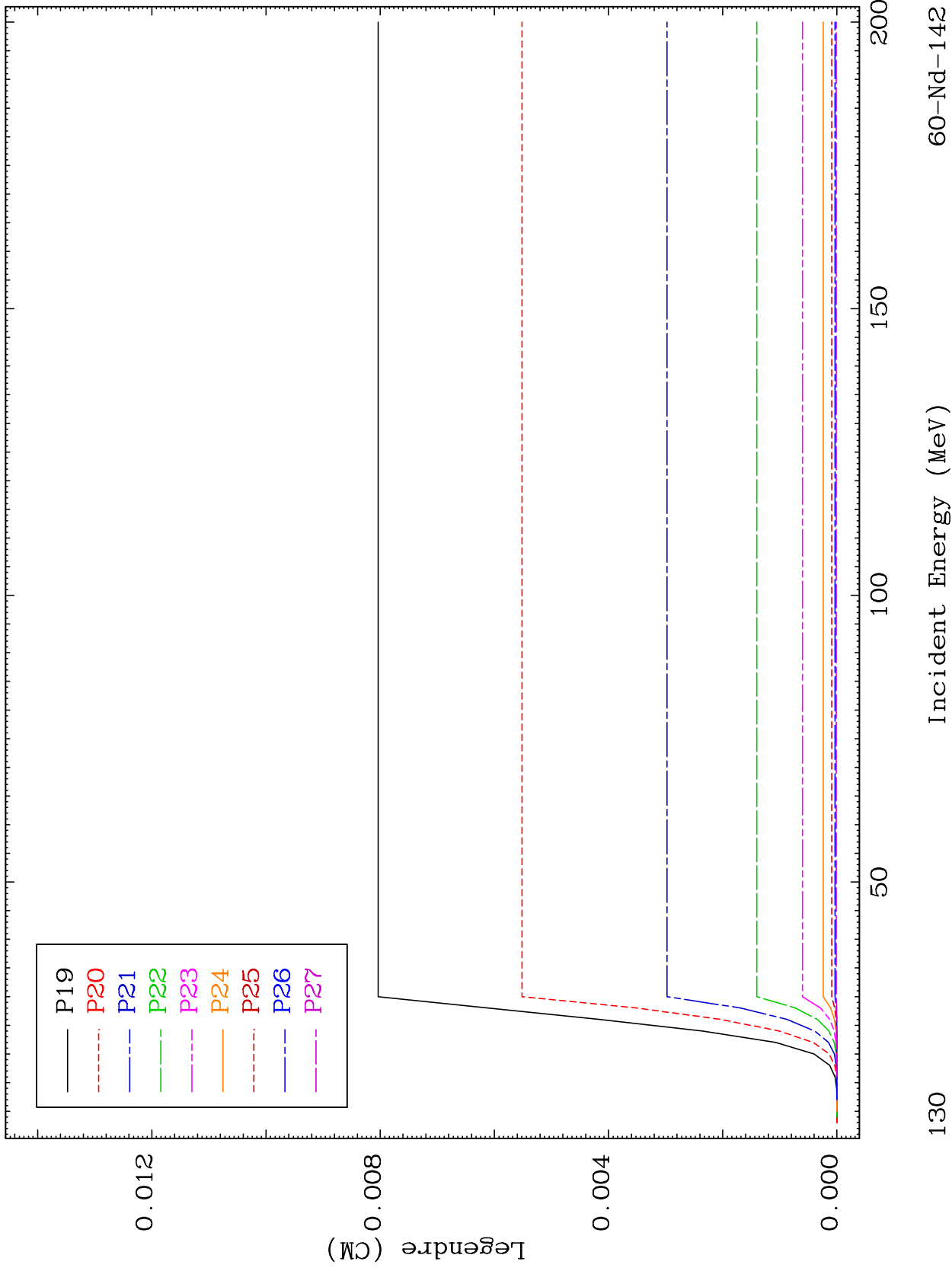




MAT 6025

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

60-Nd-142



130

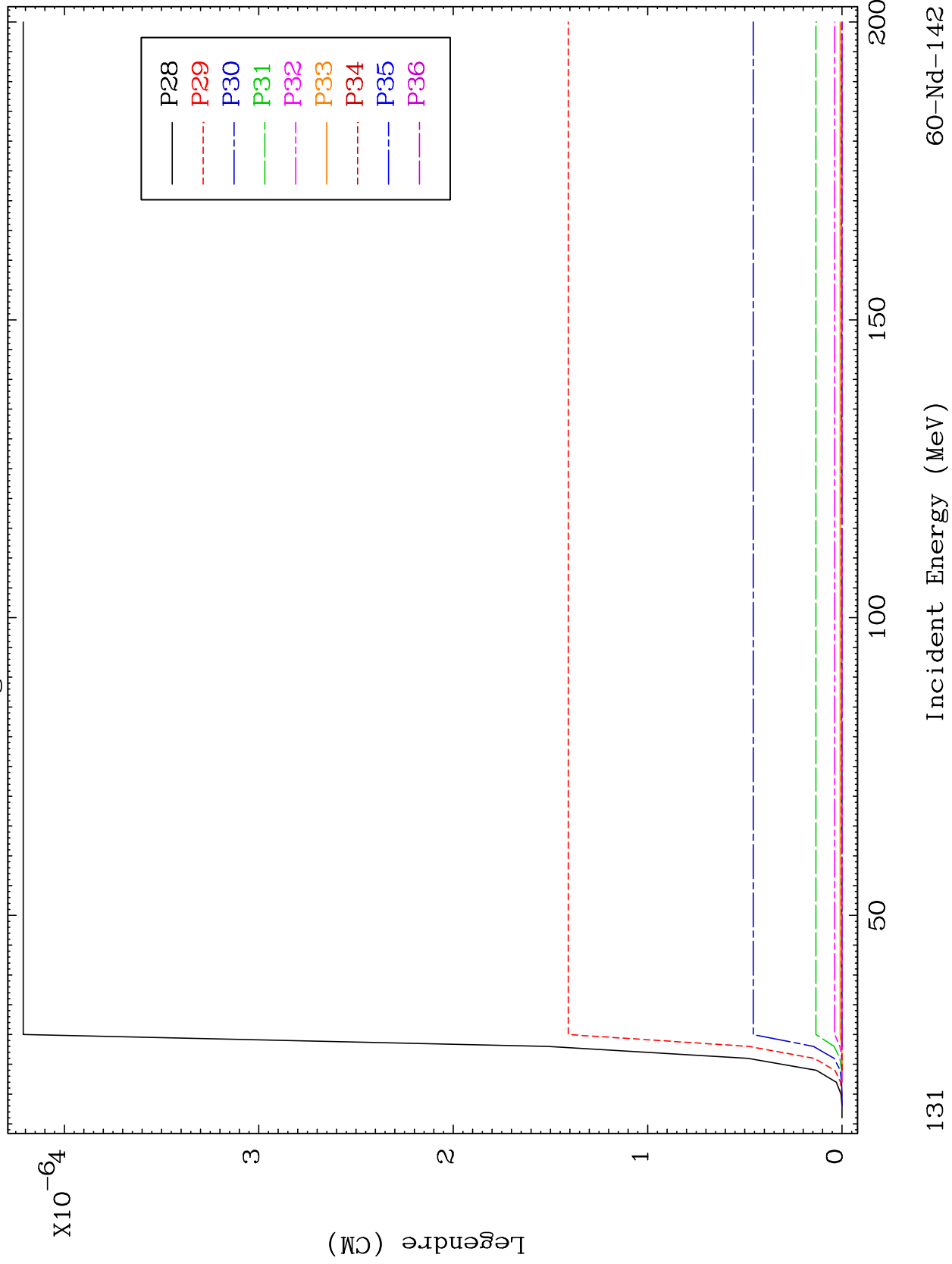
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

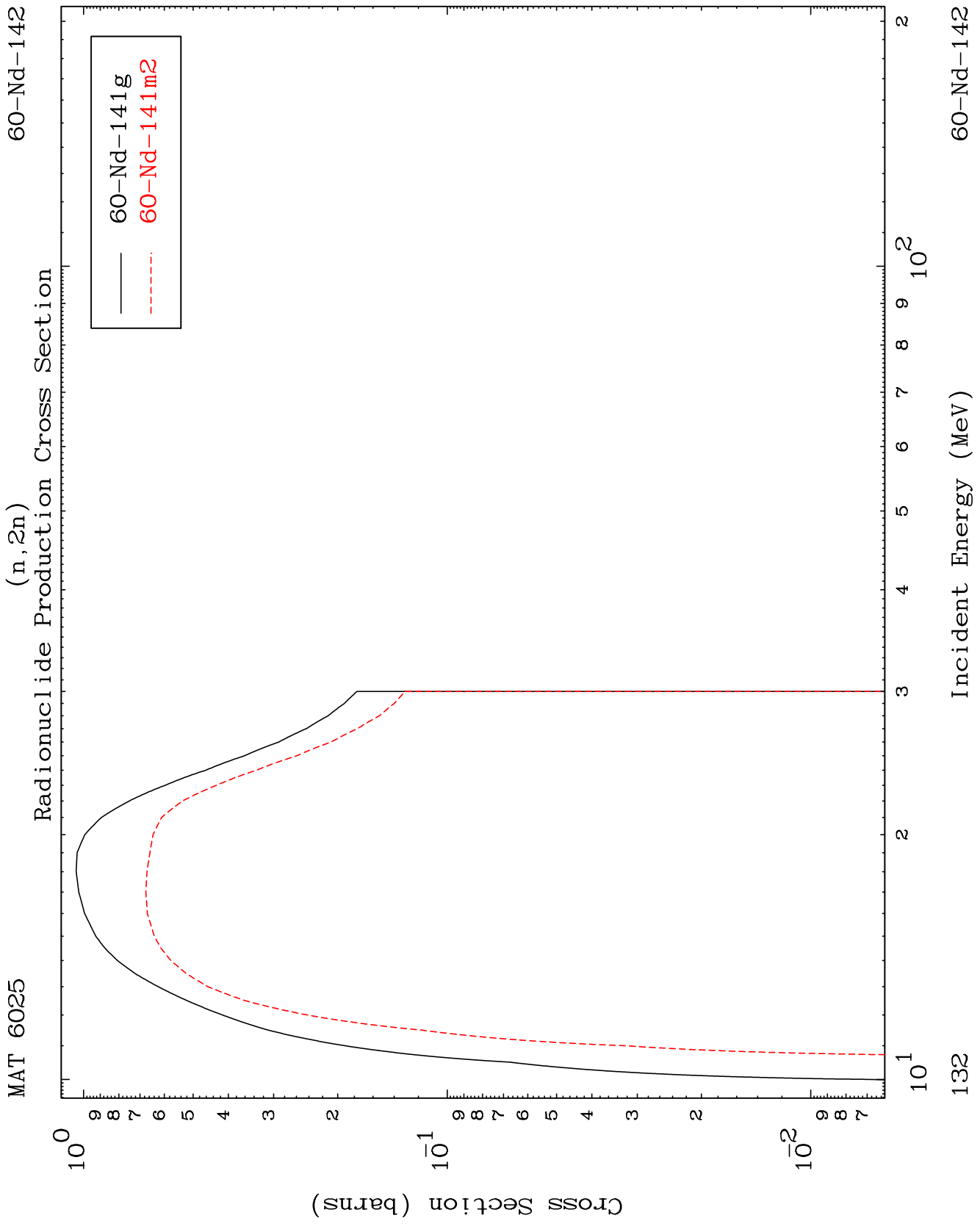
60-Nd-142



131

Incident Energy (MeV)

60-Nd-142

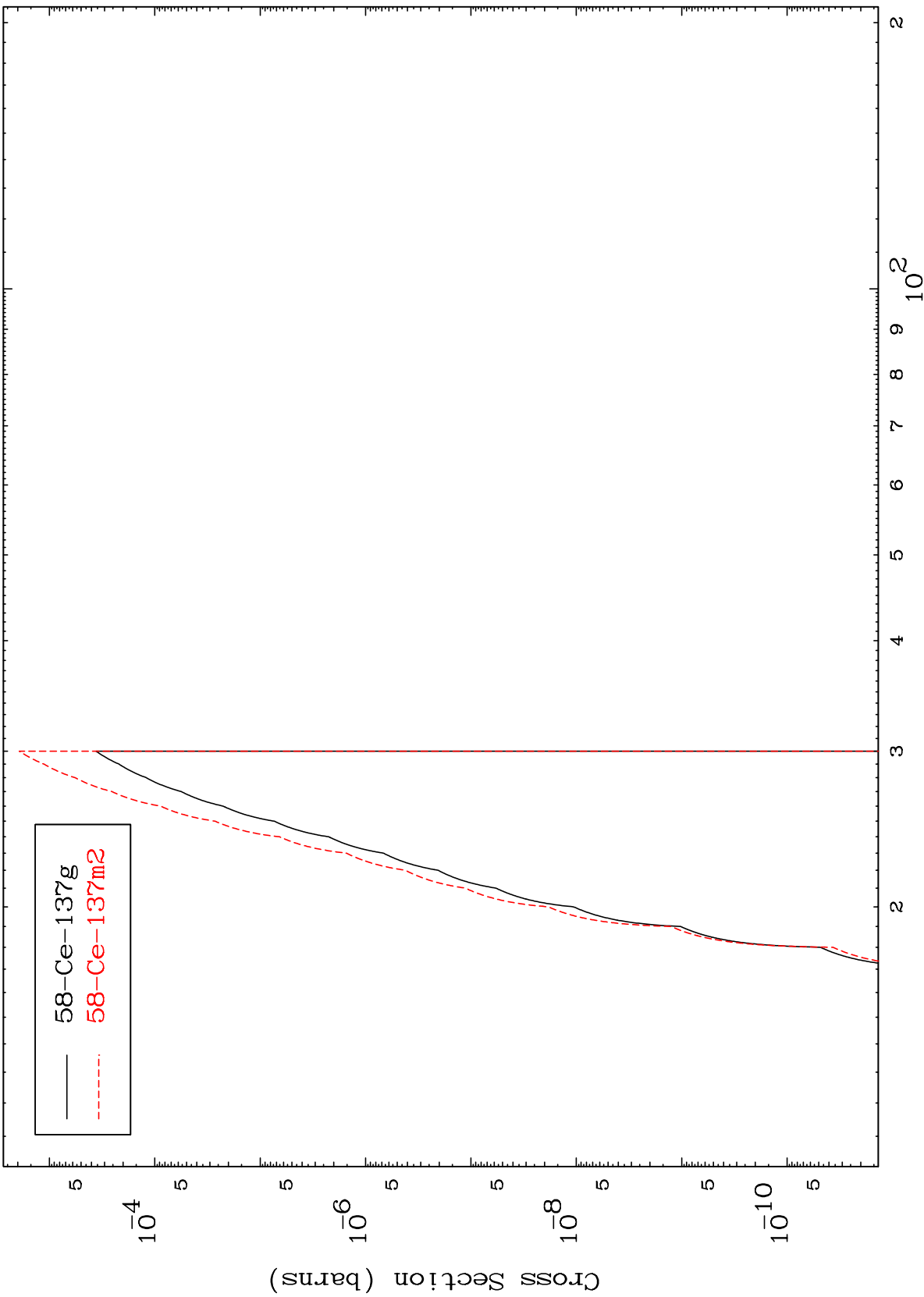


MAT 6025

(n,2n) α

60-Nd-142

Radionuclide Production Cross Section



133

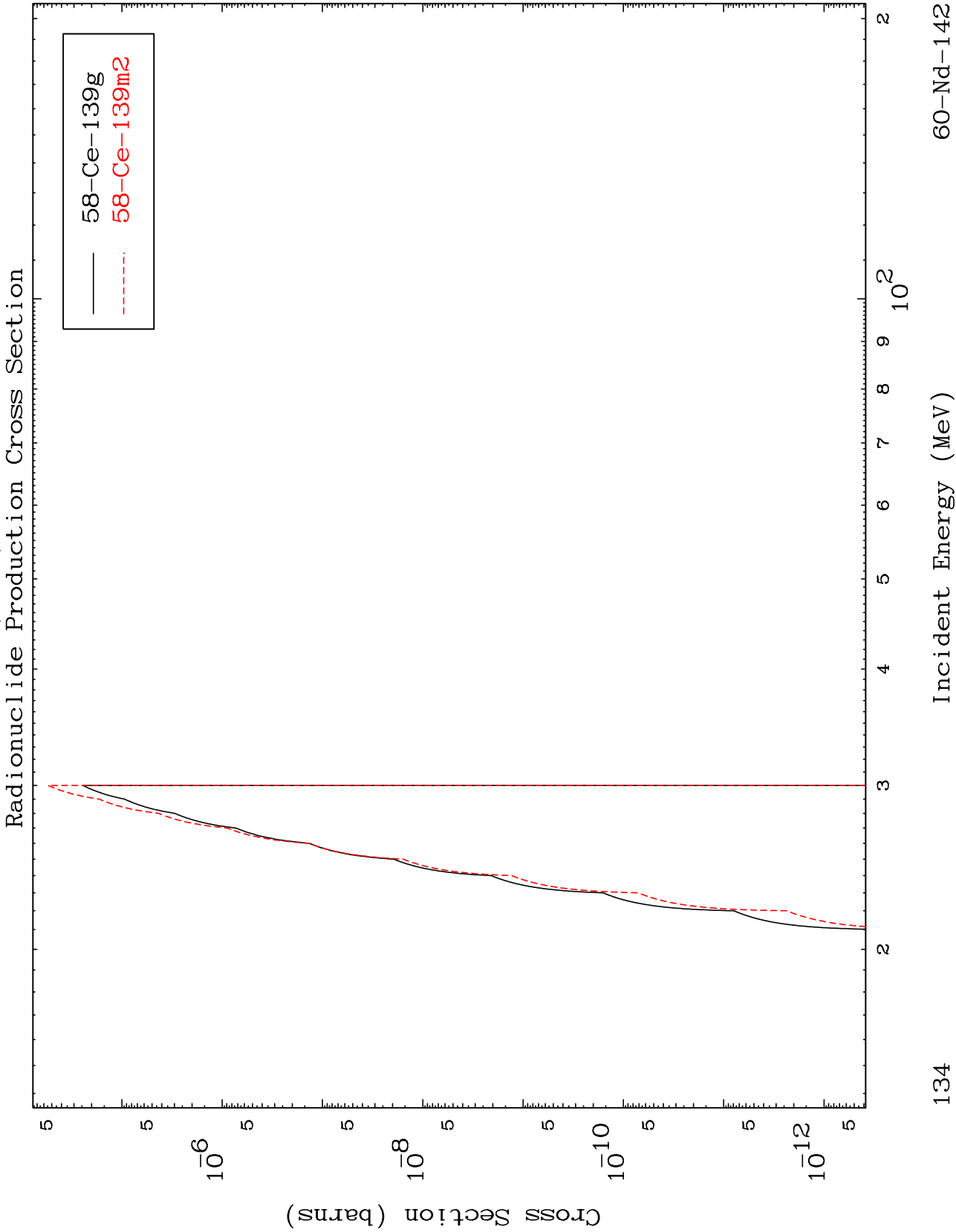
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,n') He-3

60-Nd-142



134

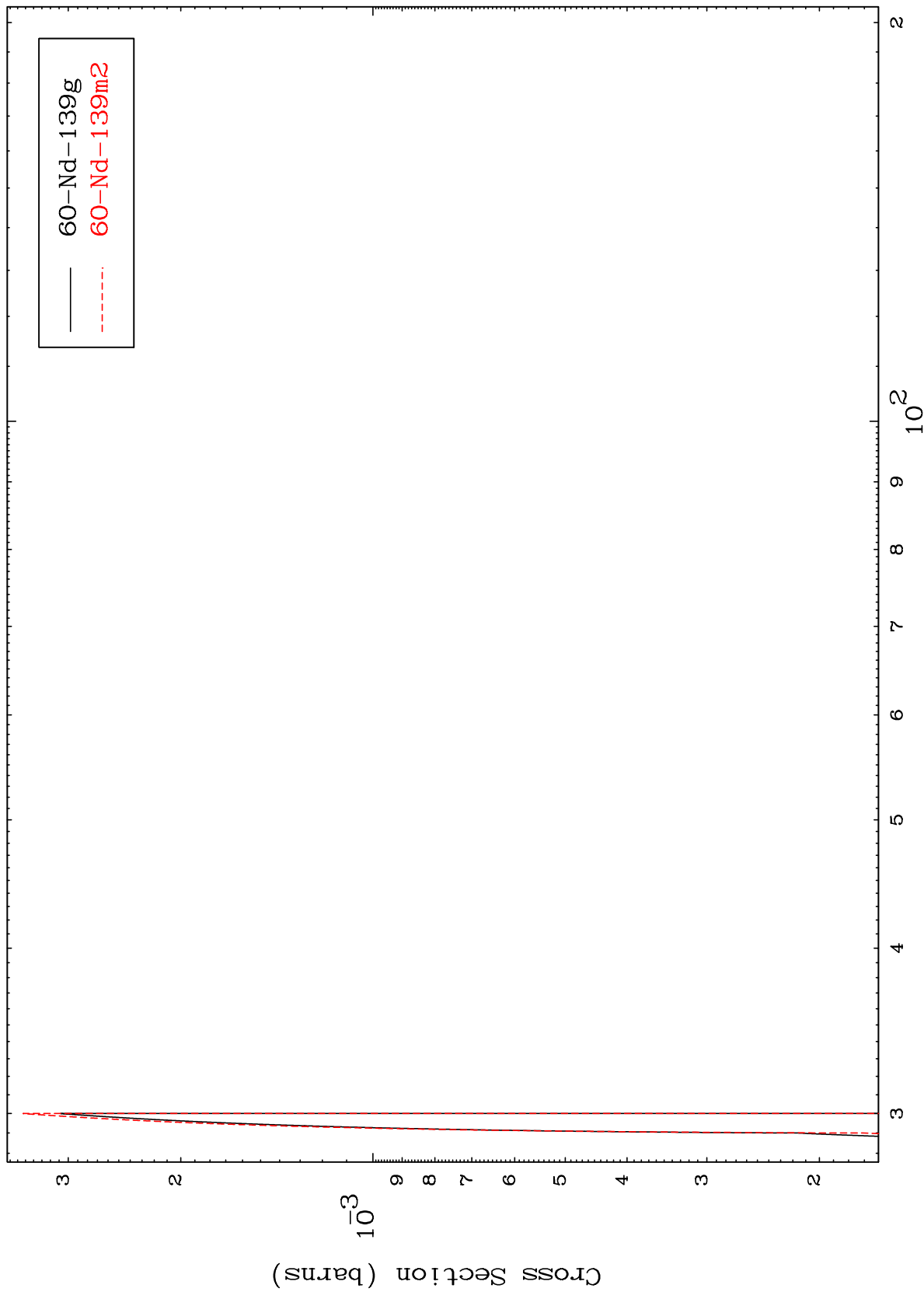
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

(n,4n)
Radionuclide Production Cross Section



135

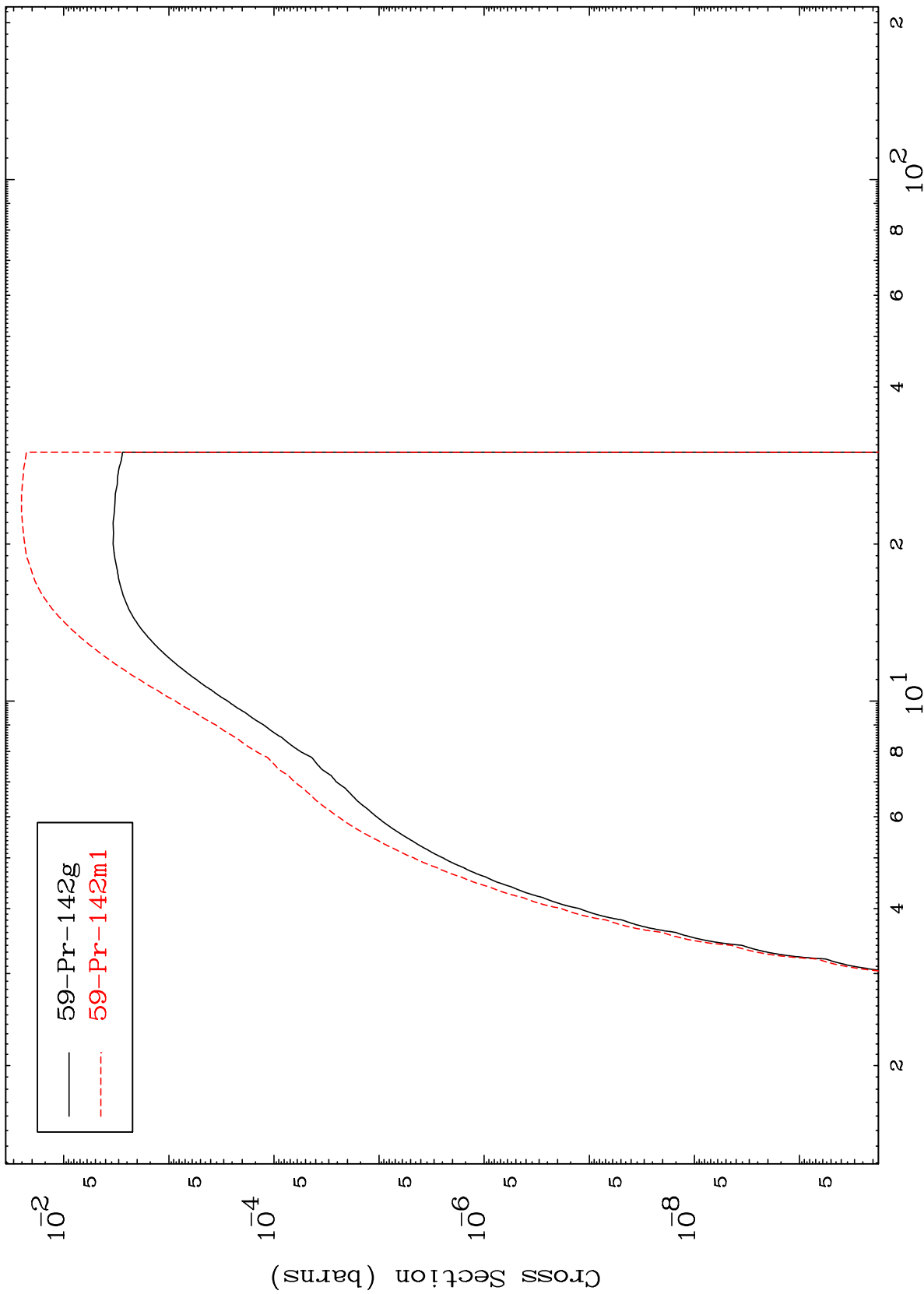
60-Nd-142

Incident Energy (MeV)

MAT 6025

60-Nd-142

(n,p)
Radionuclide Production Cross Section



136

60-Nd-142

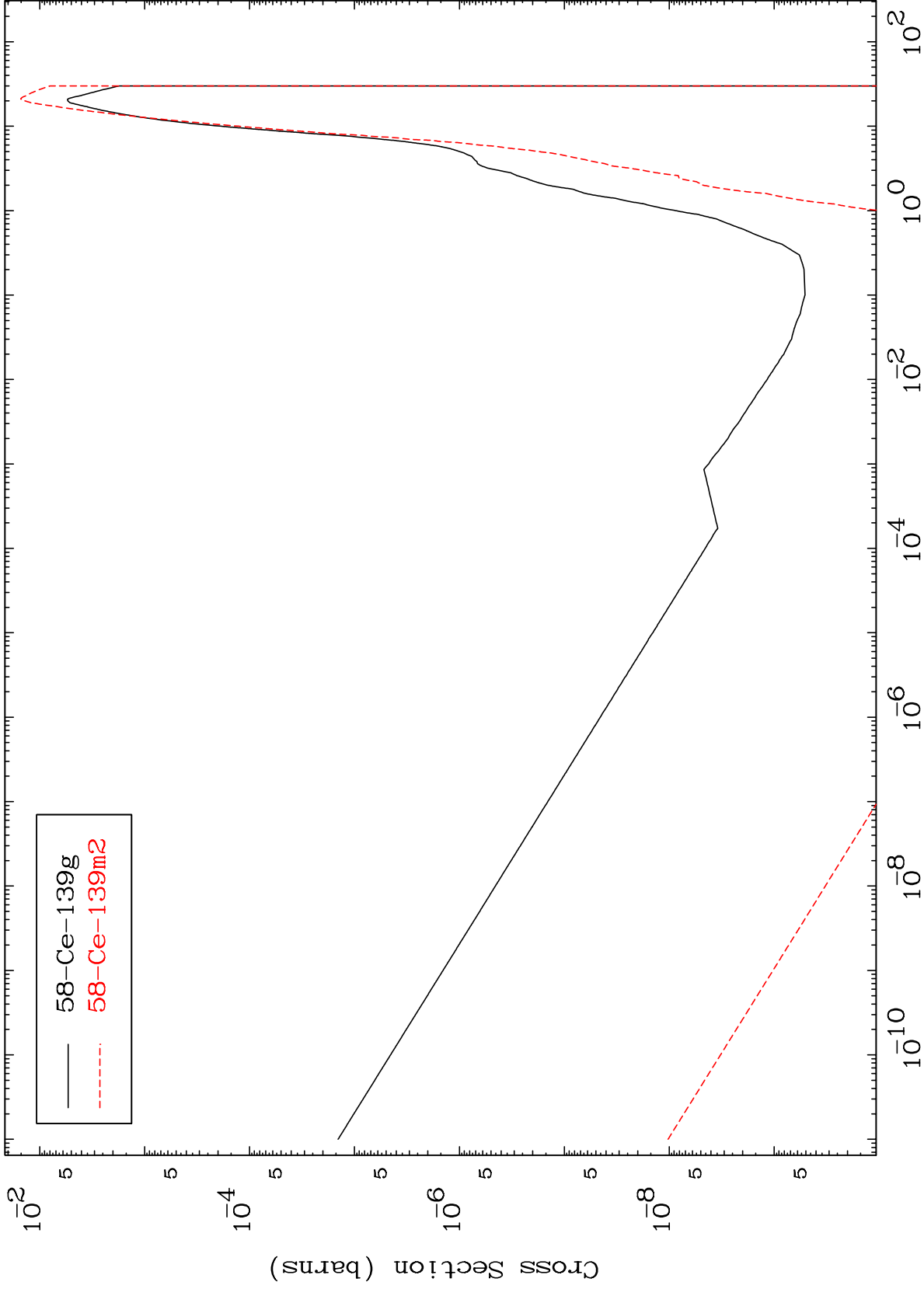
Incident Energy (MeV)

MAT 6025

(n, α)

60-Nd-142

Radionuclide Production Cross Section



137

Incident Energy (MeV)

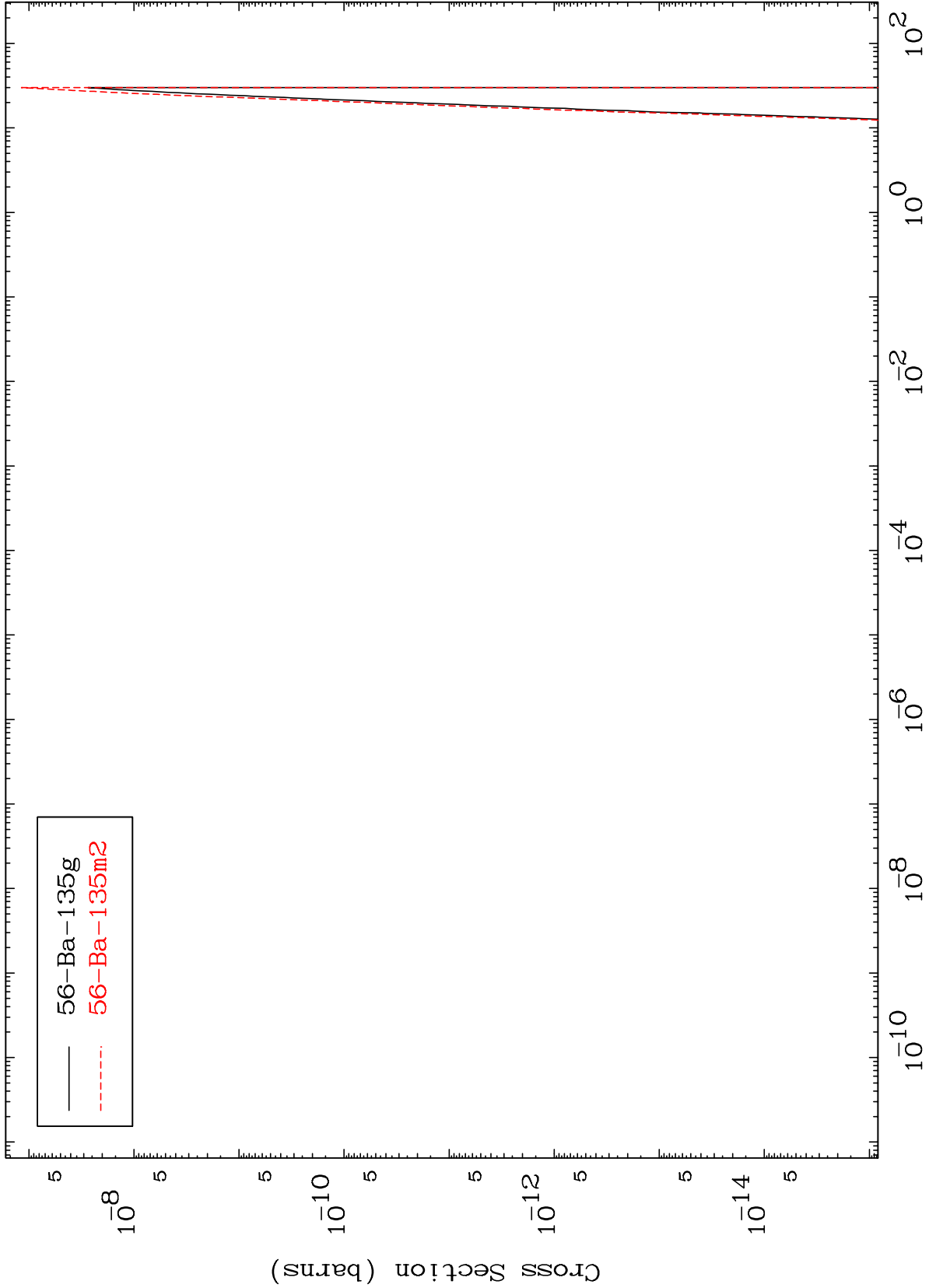
60-Nd-142

MAT 6025

(n,2α)

60-Nd-142

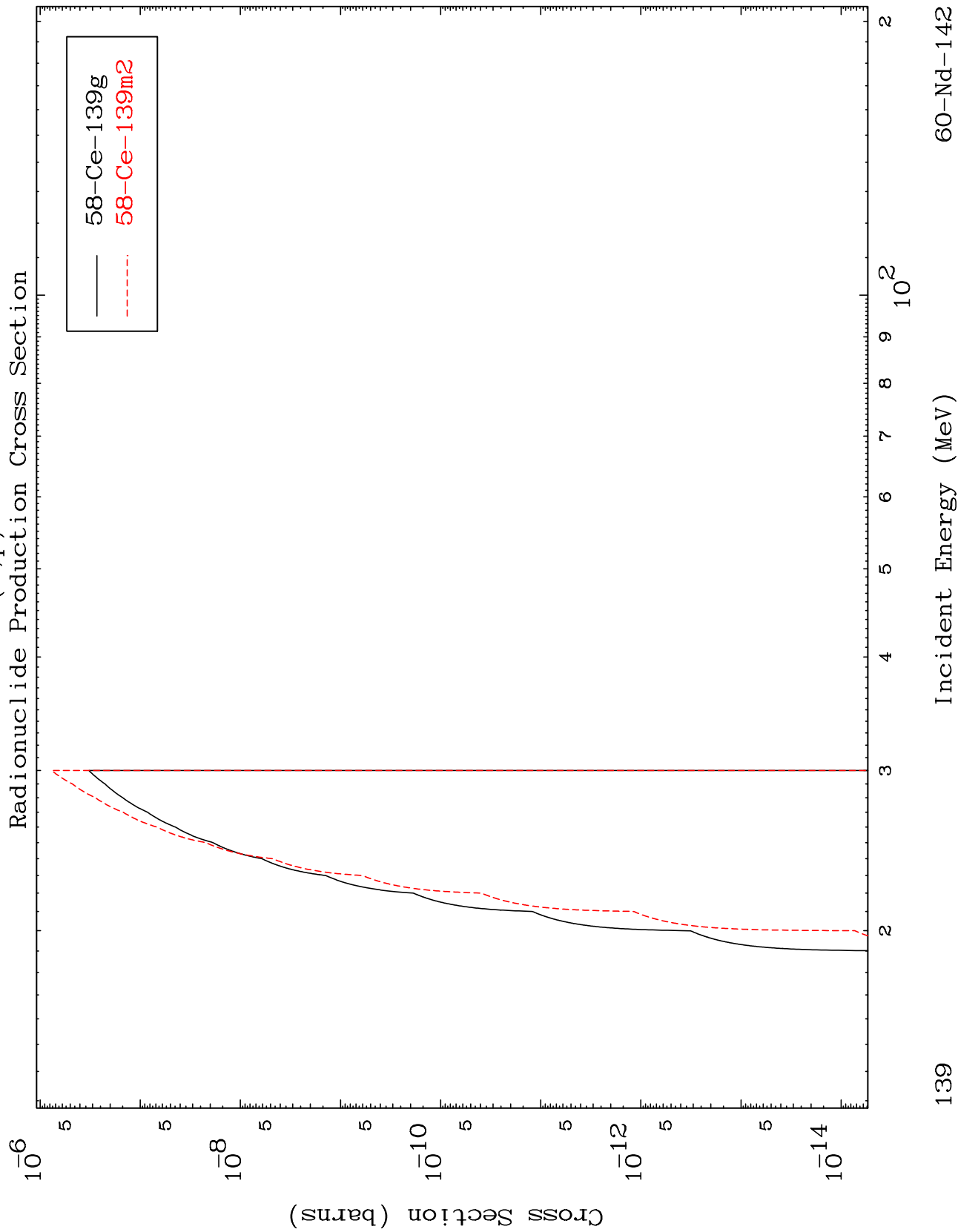
Radionuclide Production Cross Section



MAT 6025

(n,p) t

60-Nd-142



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60-Nd-142