

Program EVALPLOT
(Version 2021-1)

by

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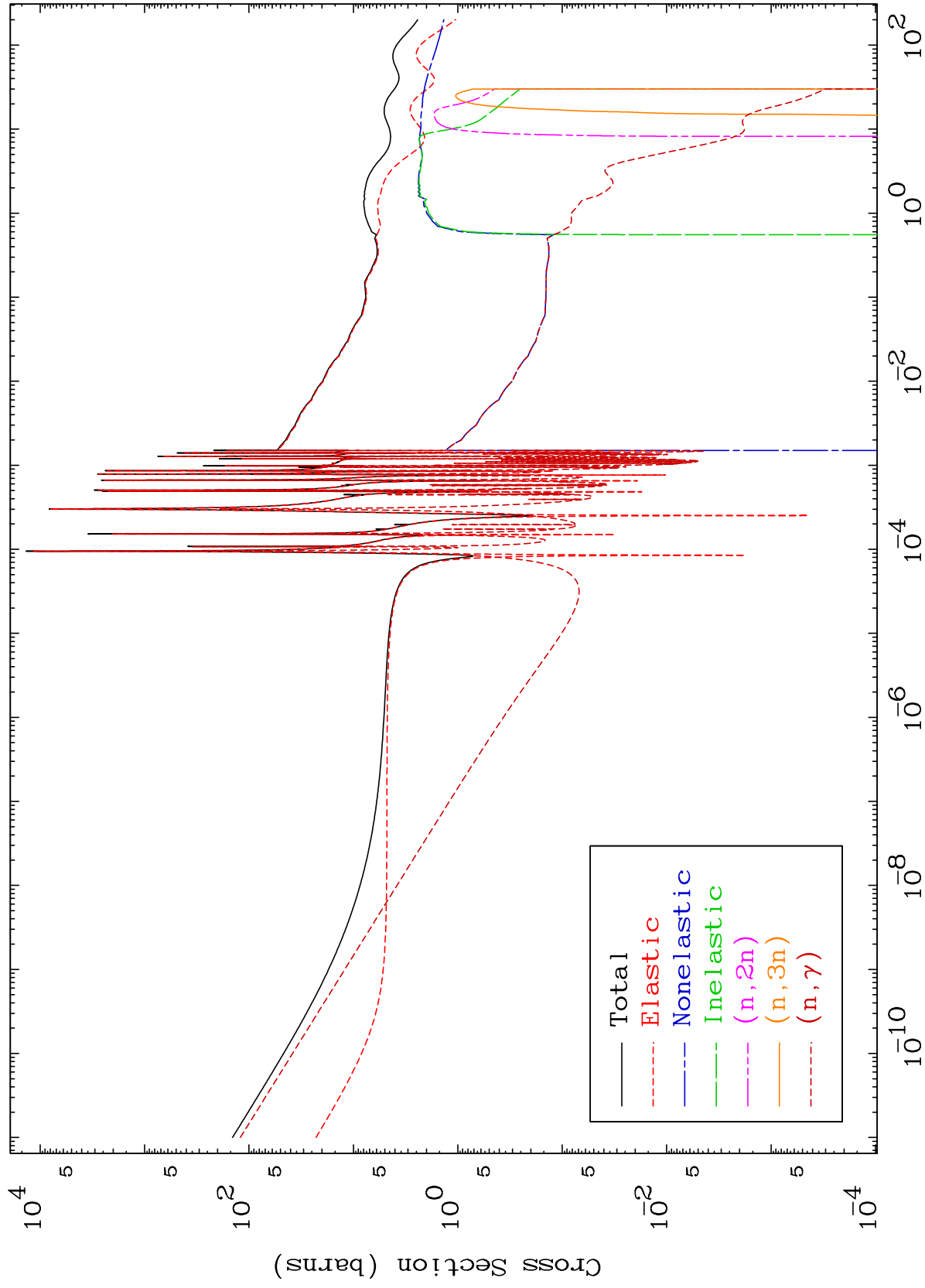
Press Mouse Button to Start

MAT 6237

Neutron Major

62-Sm-148

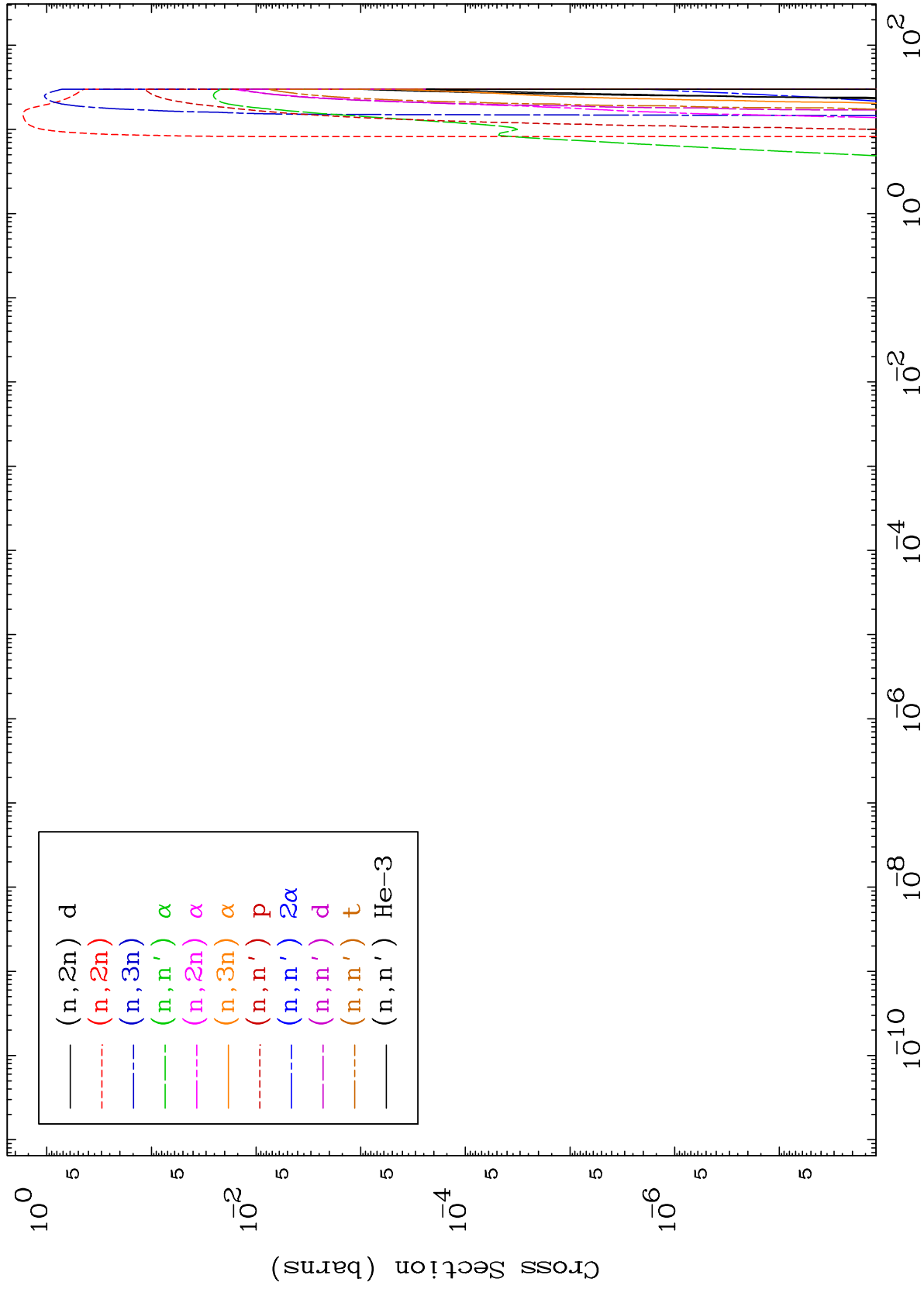
293 Kelvin Cross Sections



MAT 6237

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-148



2

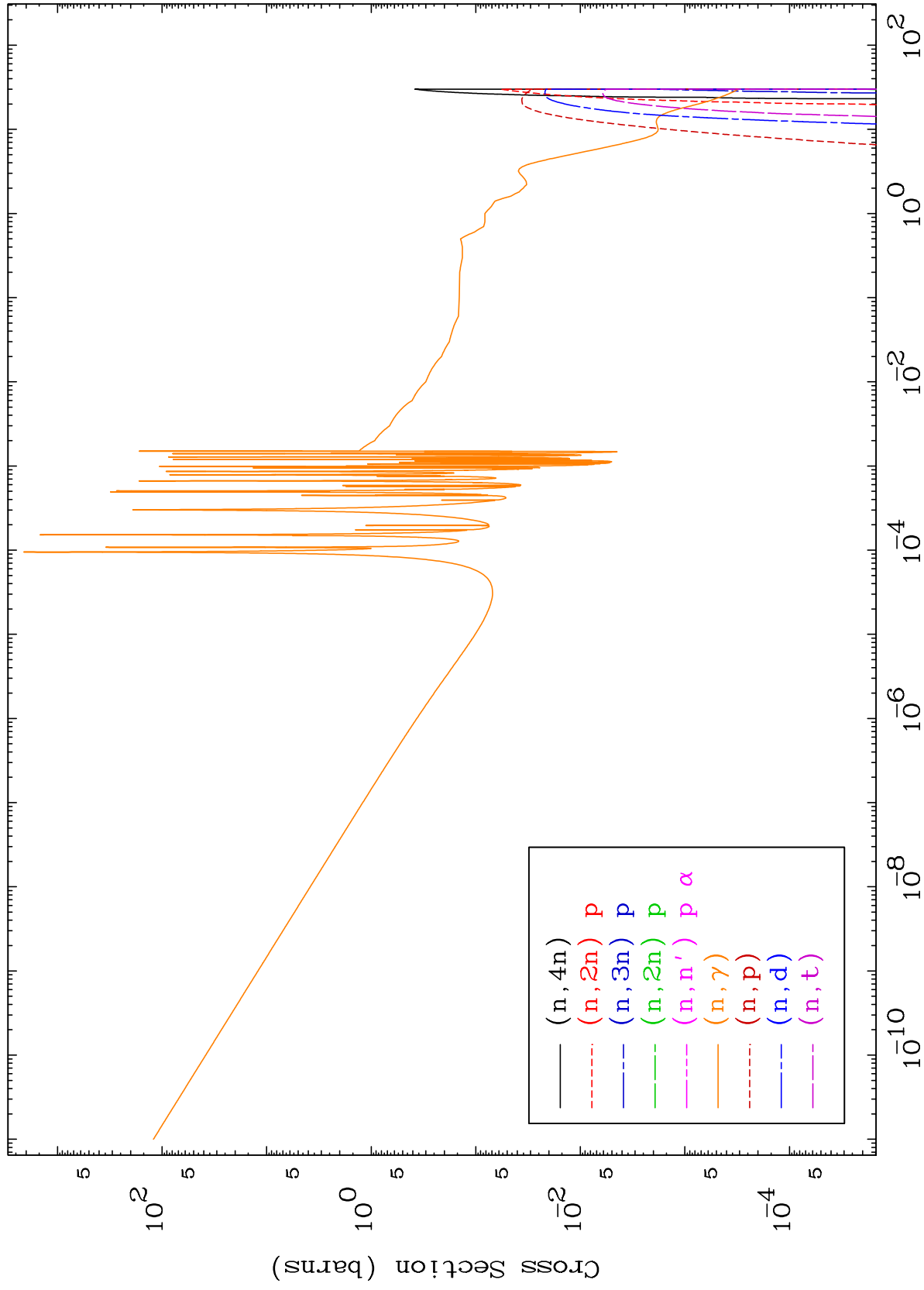
Incident Energy (MeV)

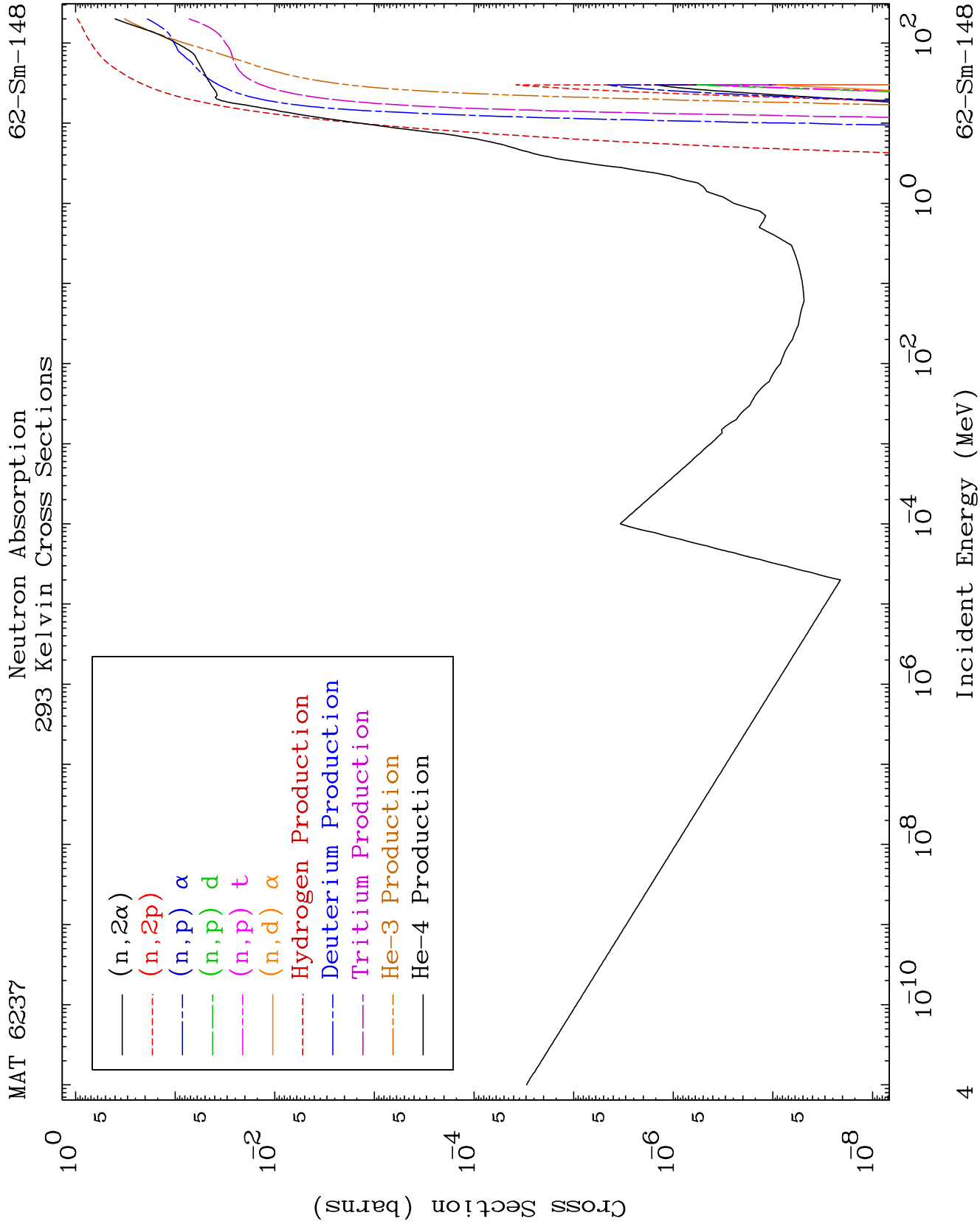
62-Sm-148

MAT 6237

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-148

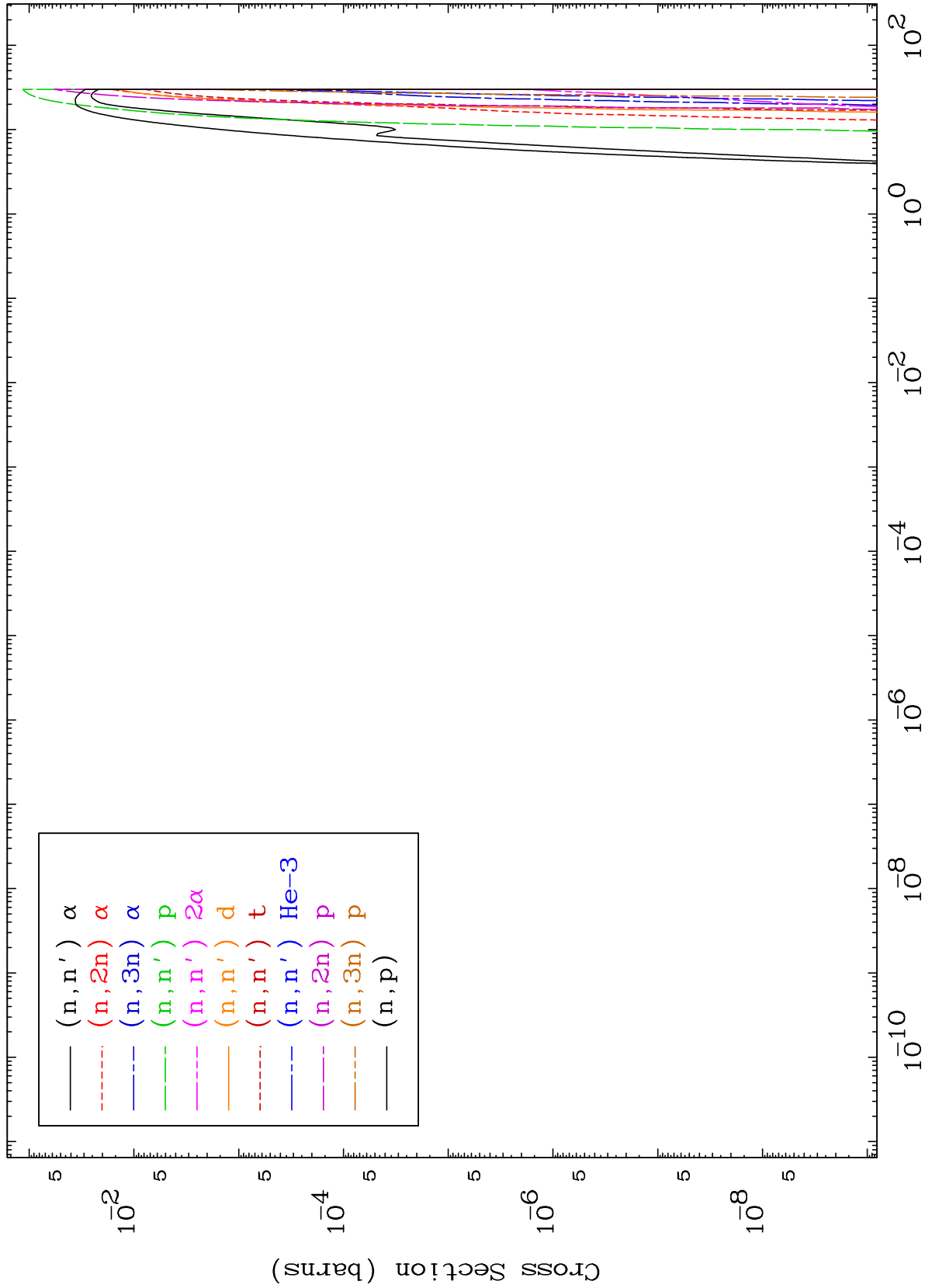




MAT 6237

Charged Particle
293 Kelvin Cross Sections

62-Sm-148



5

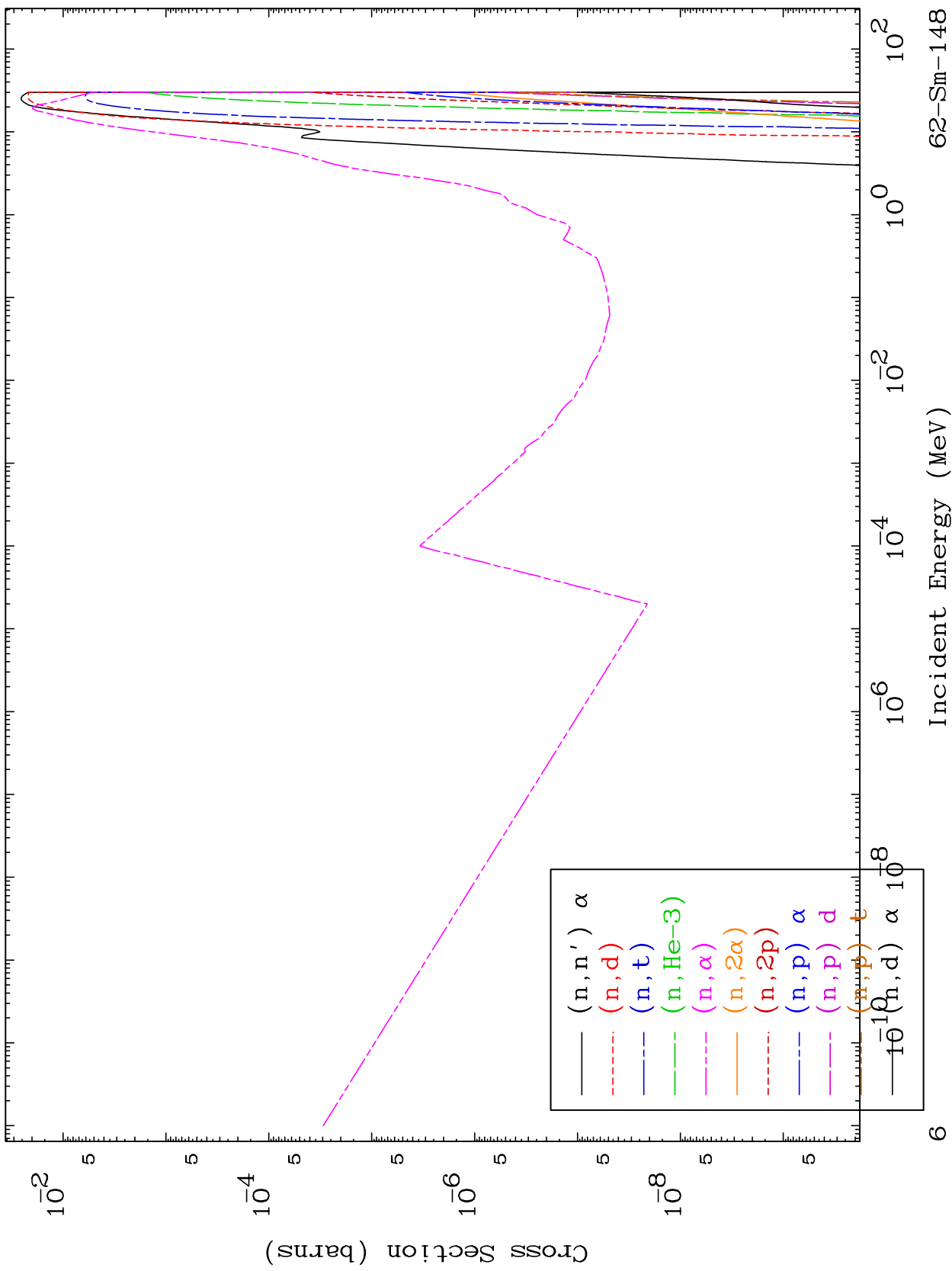
Incident Energy (MeV)

62-Sm-148

MAT 6237

Charged Particle
293 Kelvin Cross Sections

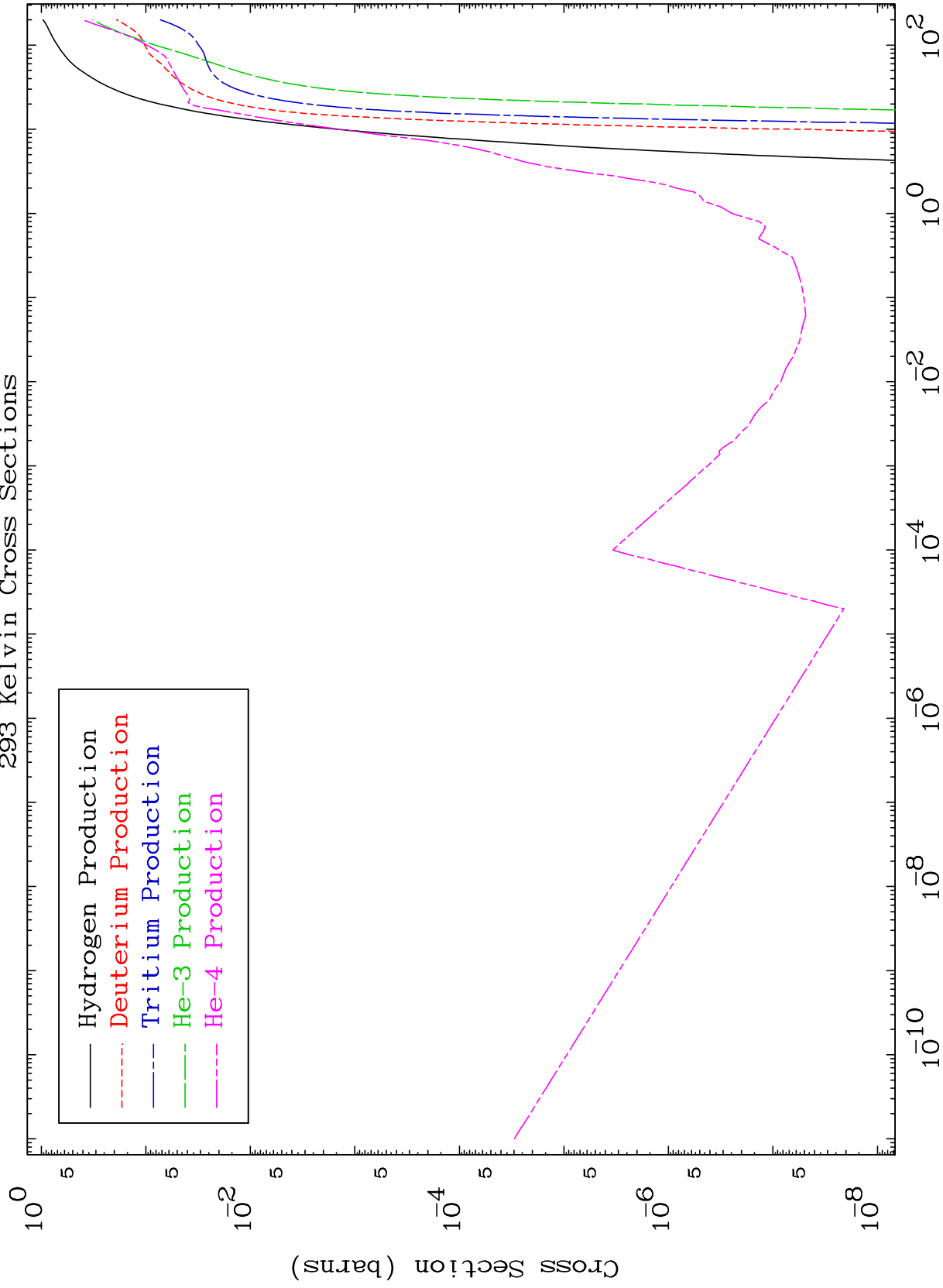
62-Sm-148



MAT 6237

Particle Production
293 Kelvin Cross Sections

62-Sm-148



7

Incident Energy (MeV)

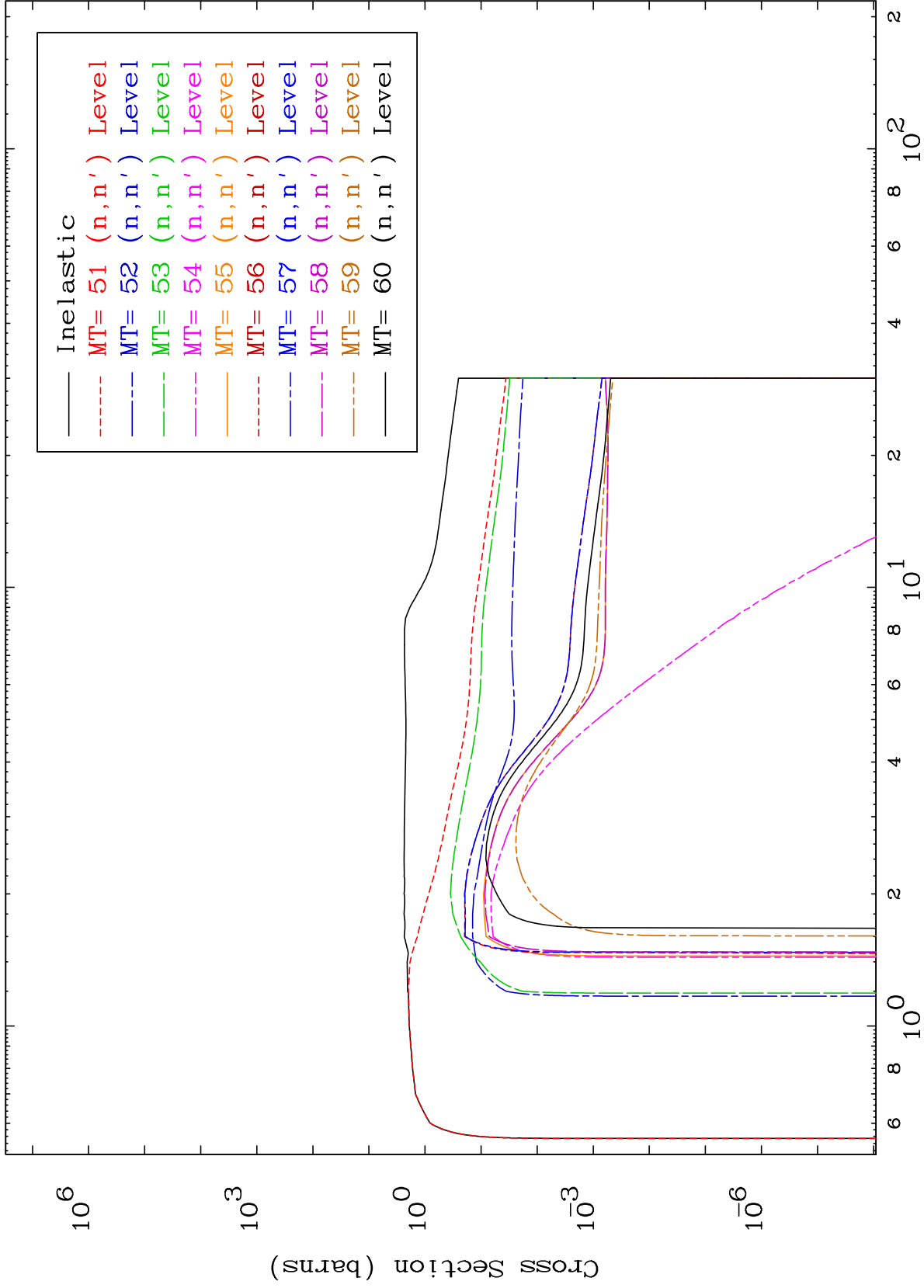
62-Sm-148

MAT 6237

(n,n') Levels

62-Sm-148

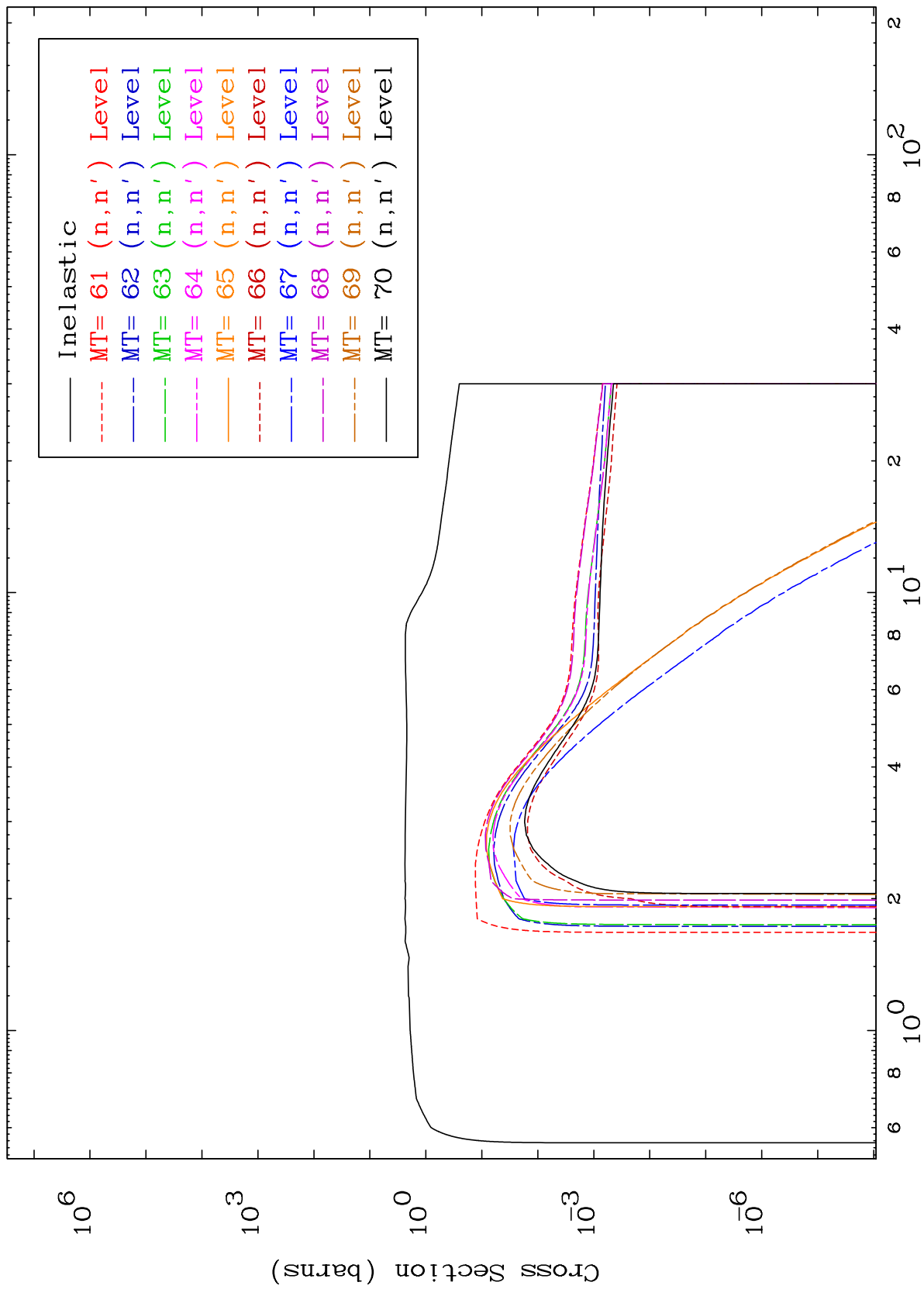
293 Kelvin Cross Sections



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Incident Energy (MeV)

62-Sm-148

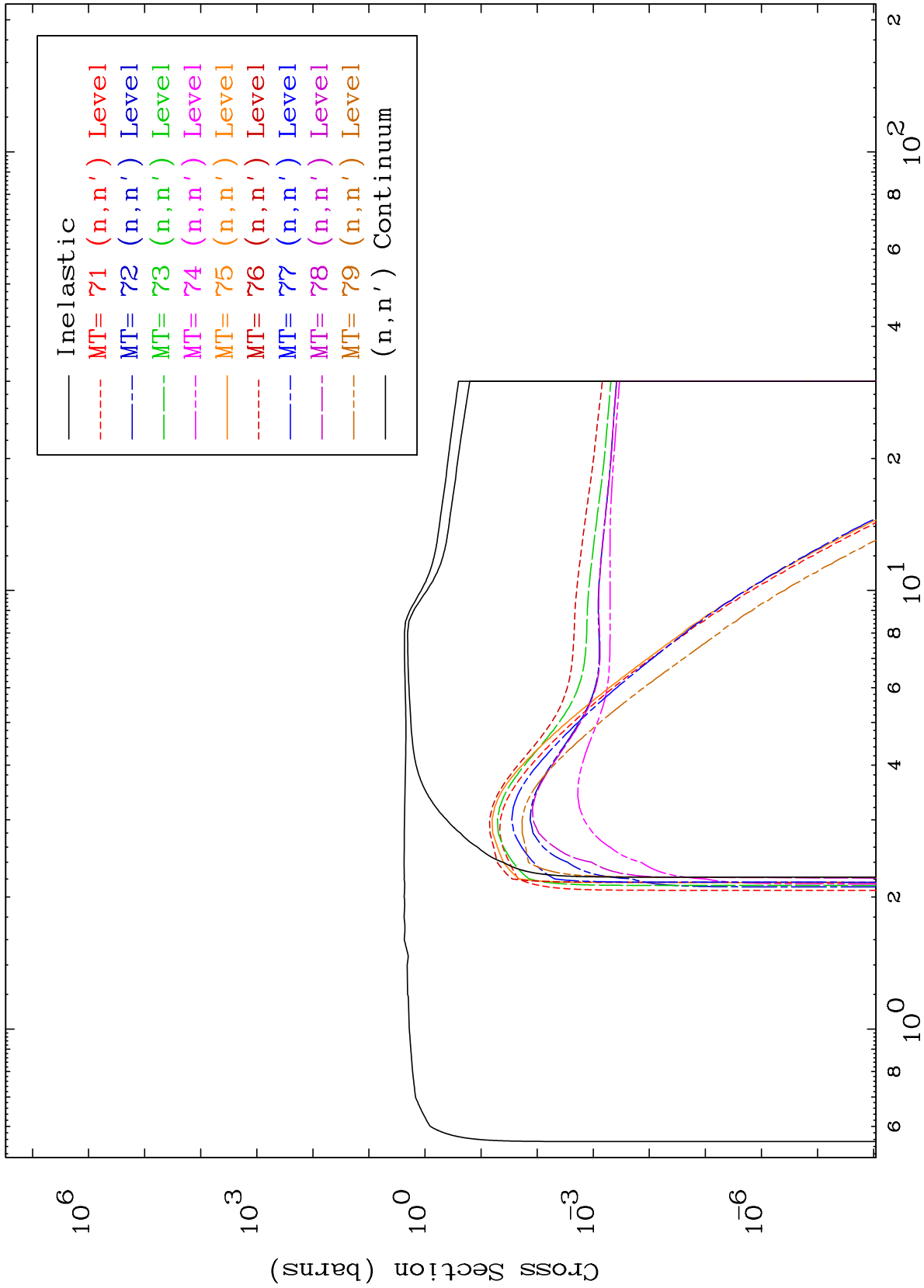


MAT 6237

(n,n') Levels

62-Sm-148

293 Kelvin Cross Sections



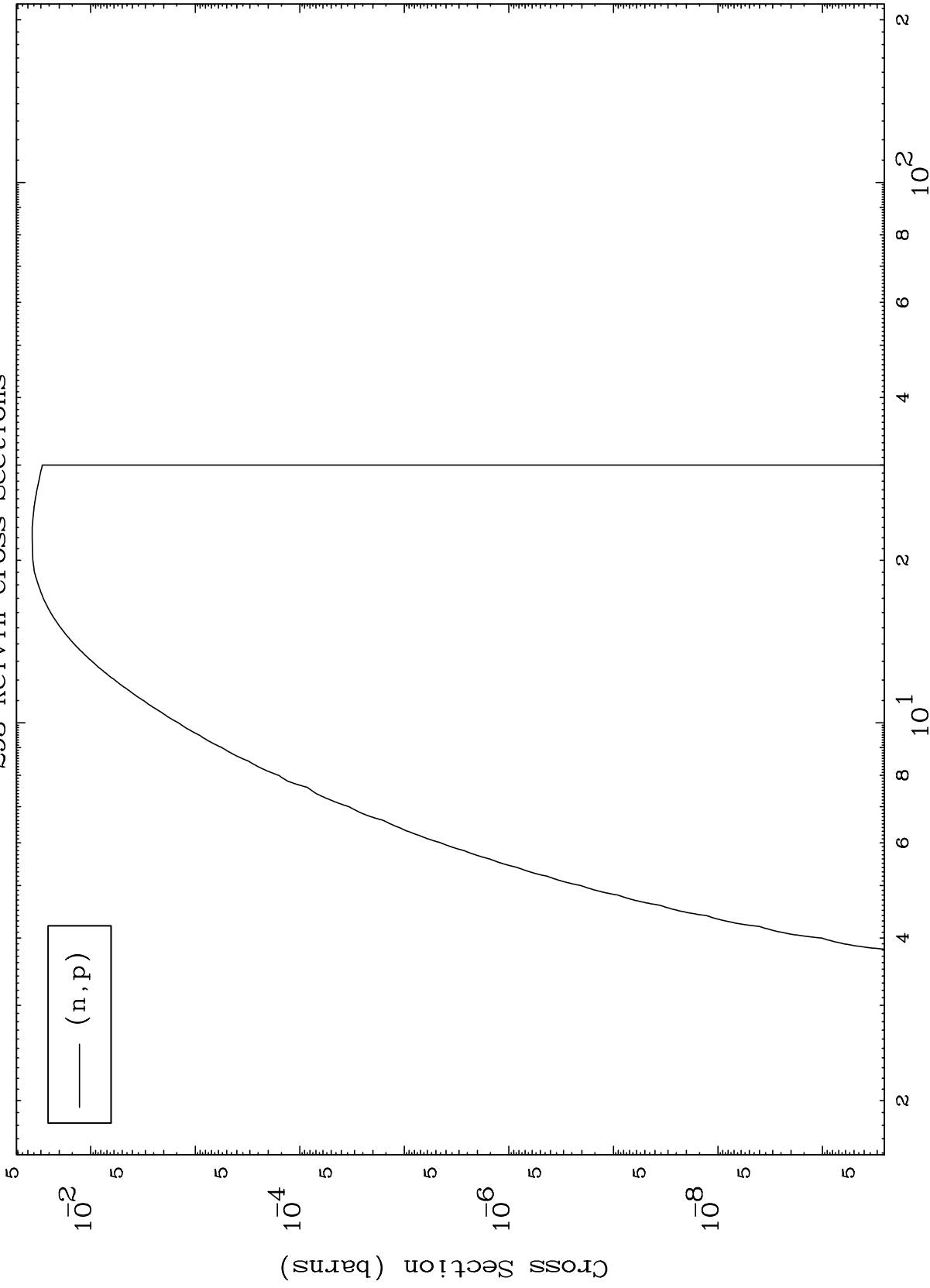
Incident Energy (MeV)

62-Sm-148

MAT 6237

62-Sm-148

(n,p) Levels
293 Kelvin Cross Sections



11

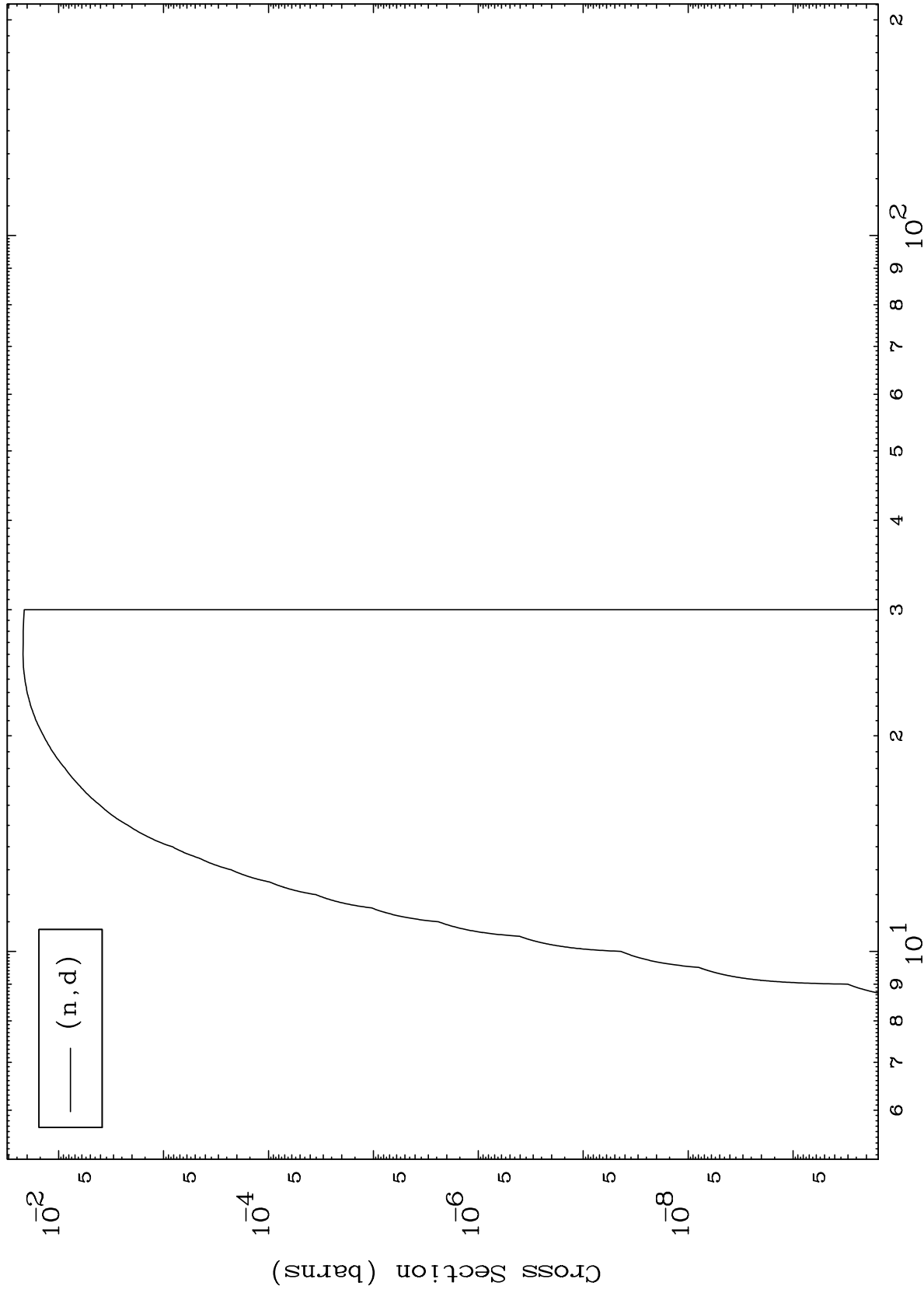
Incident Energy (MeV)

62-Sm-148

MAT 6237

62-Sm-148

(n,d) Levels
293 Kelvin Cross Sections



12

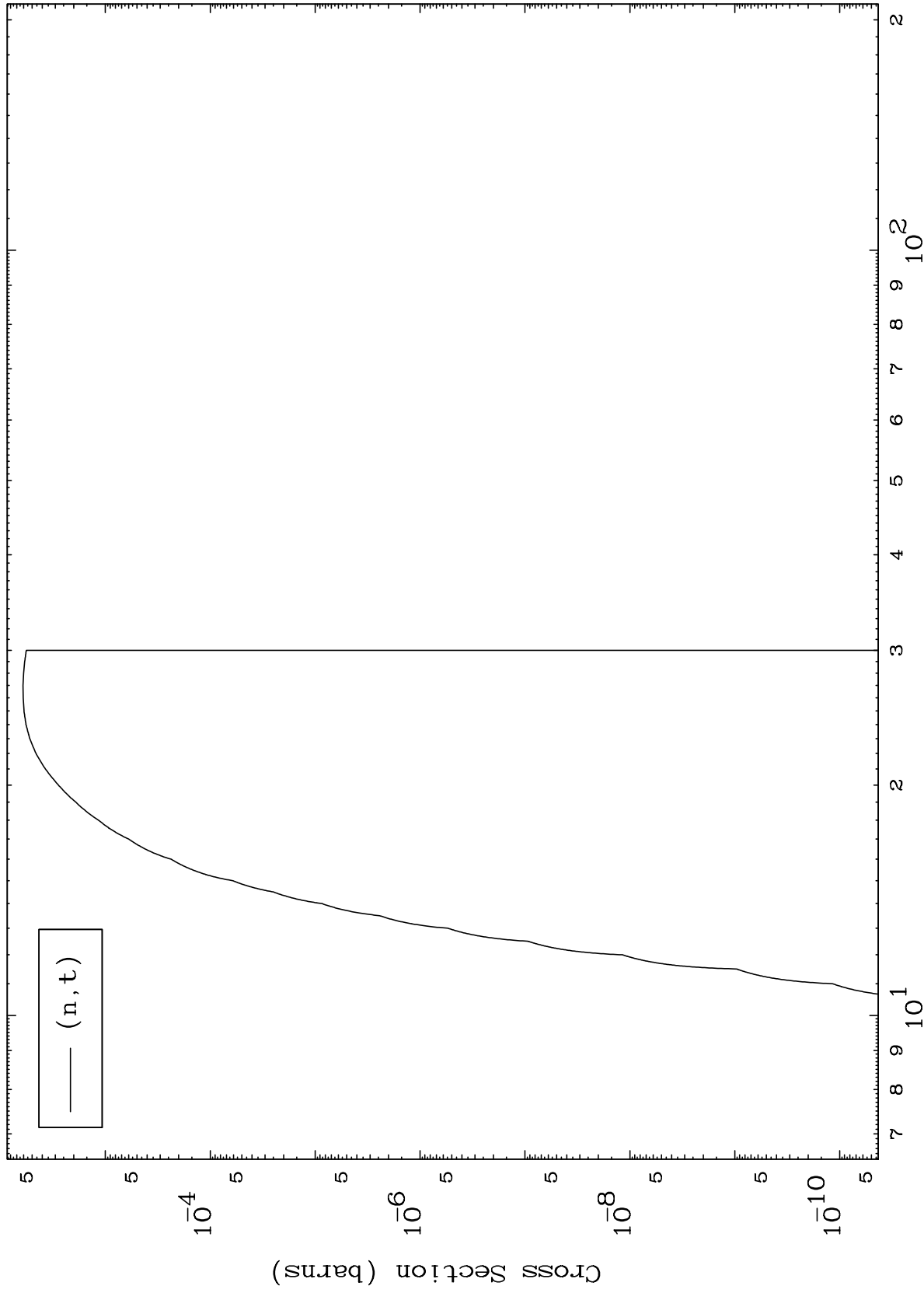
Incident Energy (MeV)

62-Sm-148

MAT 6237

62-Sm-148

(n,t) Levels
293 Kelvin Cross Sections



13

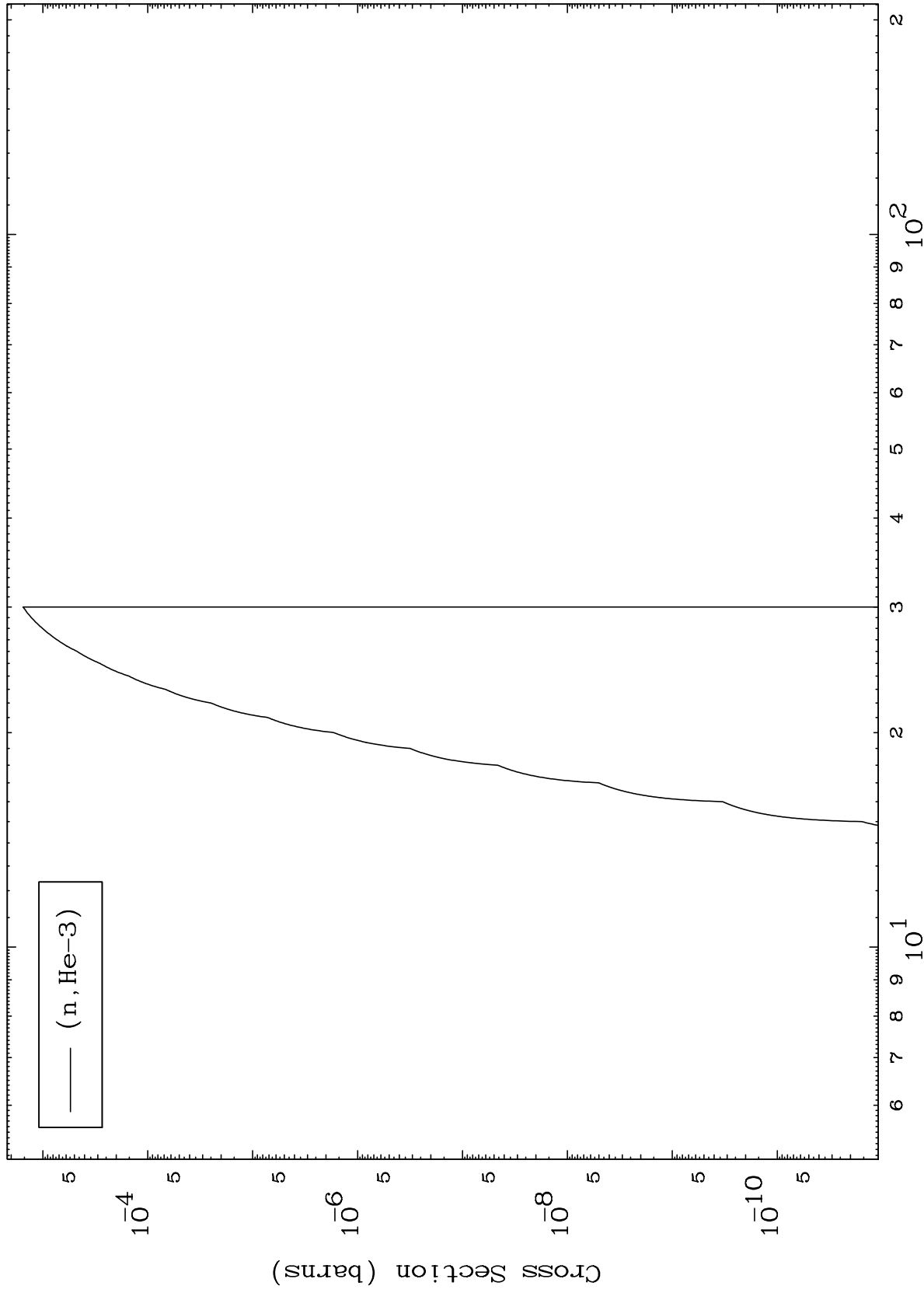
Incident Energy (MeV)

62-Sm-148

MAT 6237

62-Sm-148

(n,He3) Levels
293 Kelvin Cross Sections



14

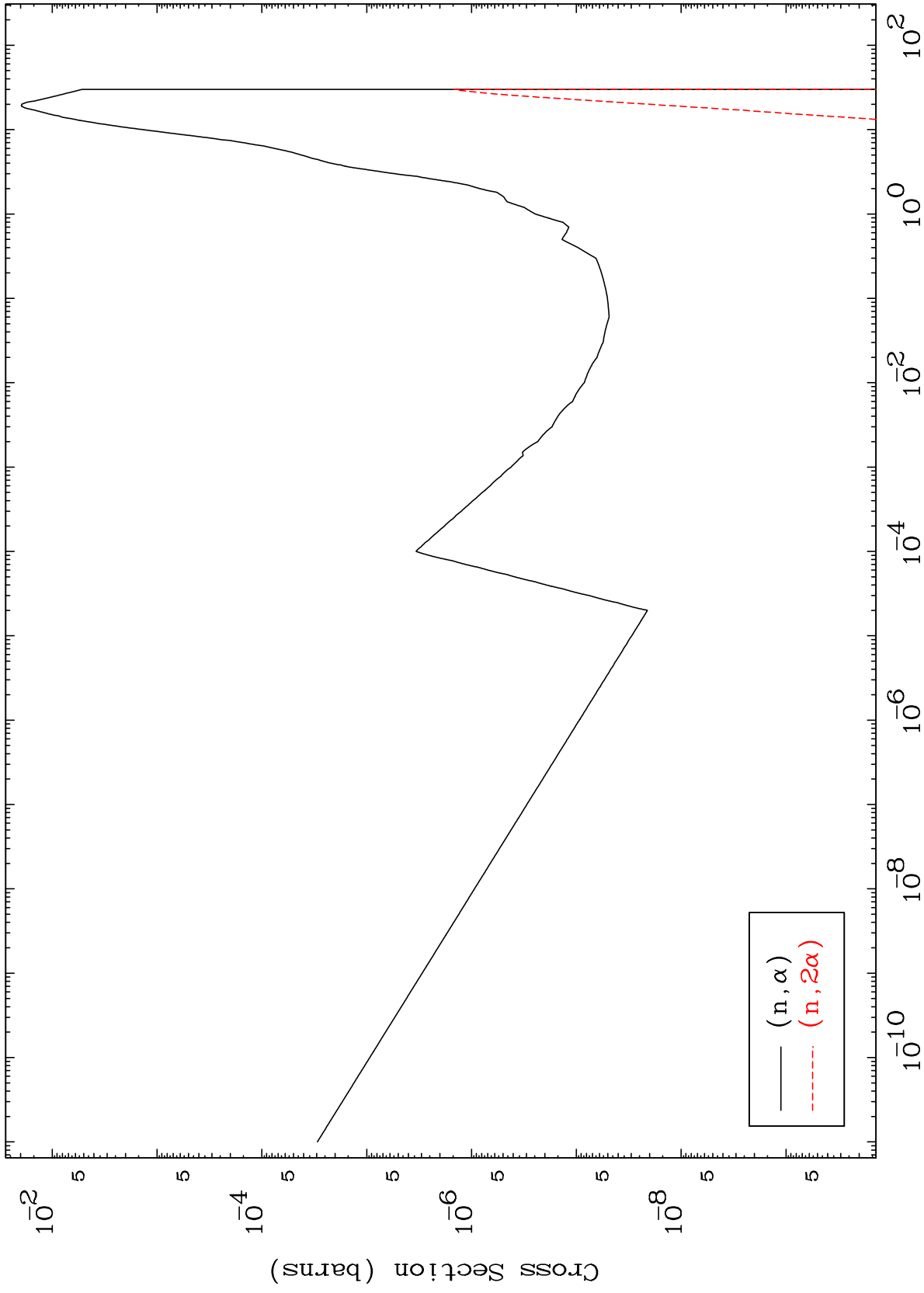
Incident Energy (MeV)

62-Sm-148

MAT 6237

(n, α) Levels
293 Kelvin Cross Sections

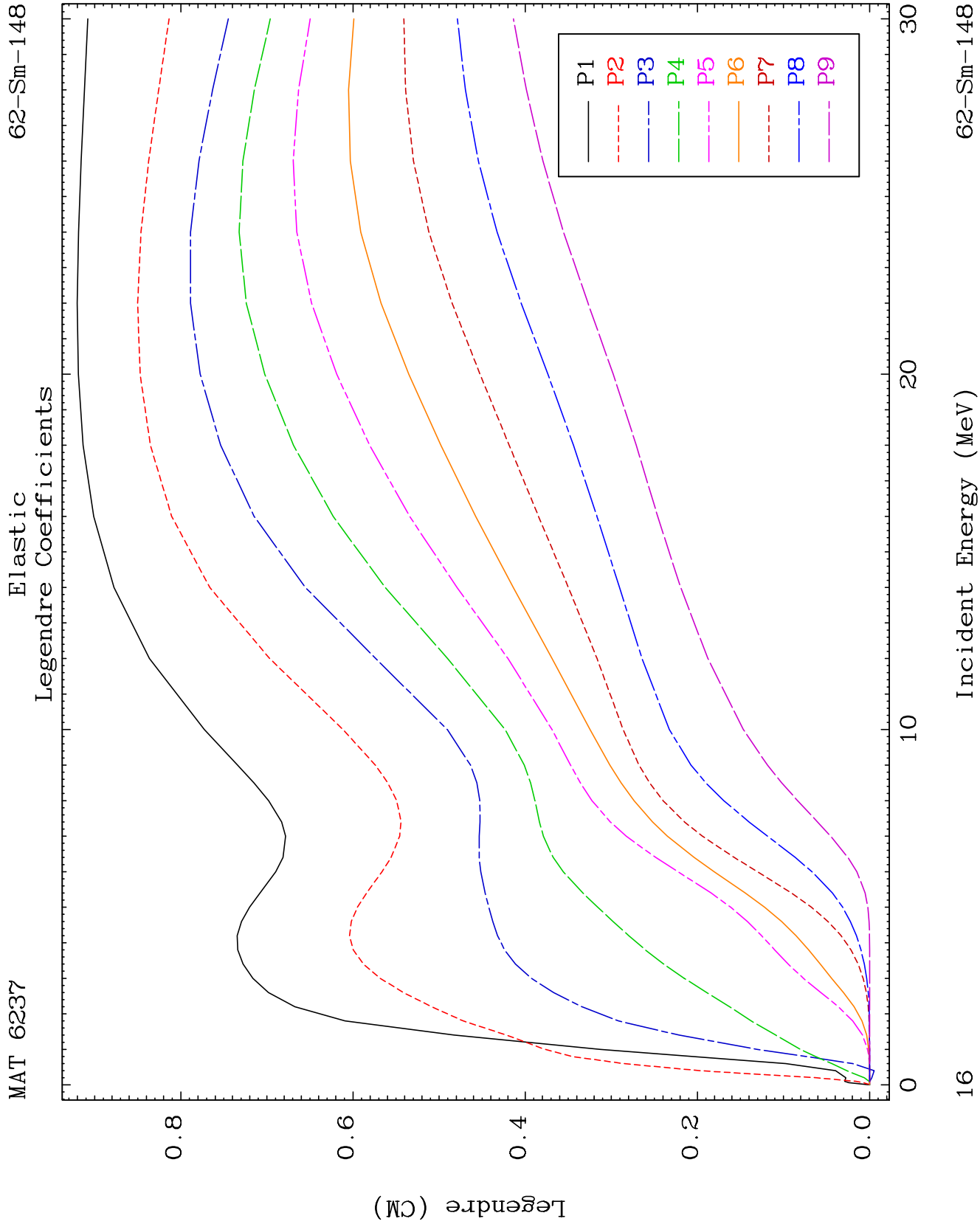
62-Sm-148

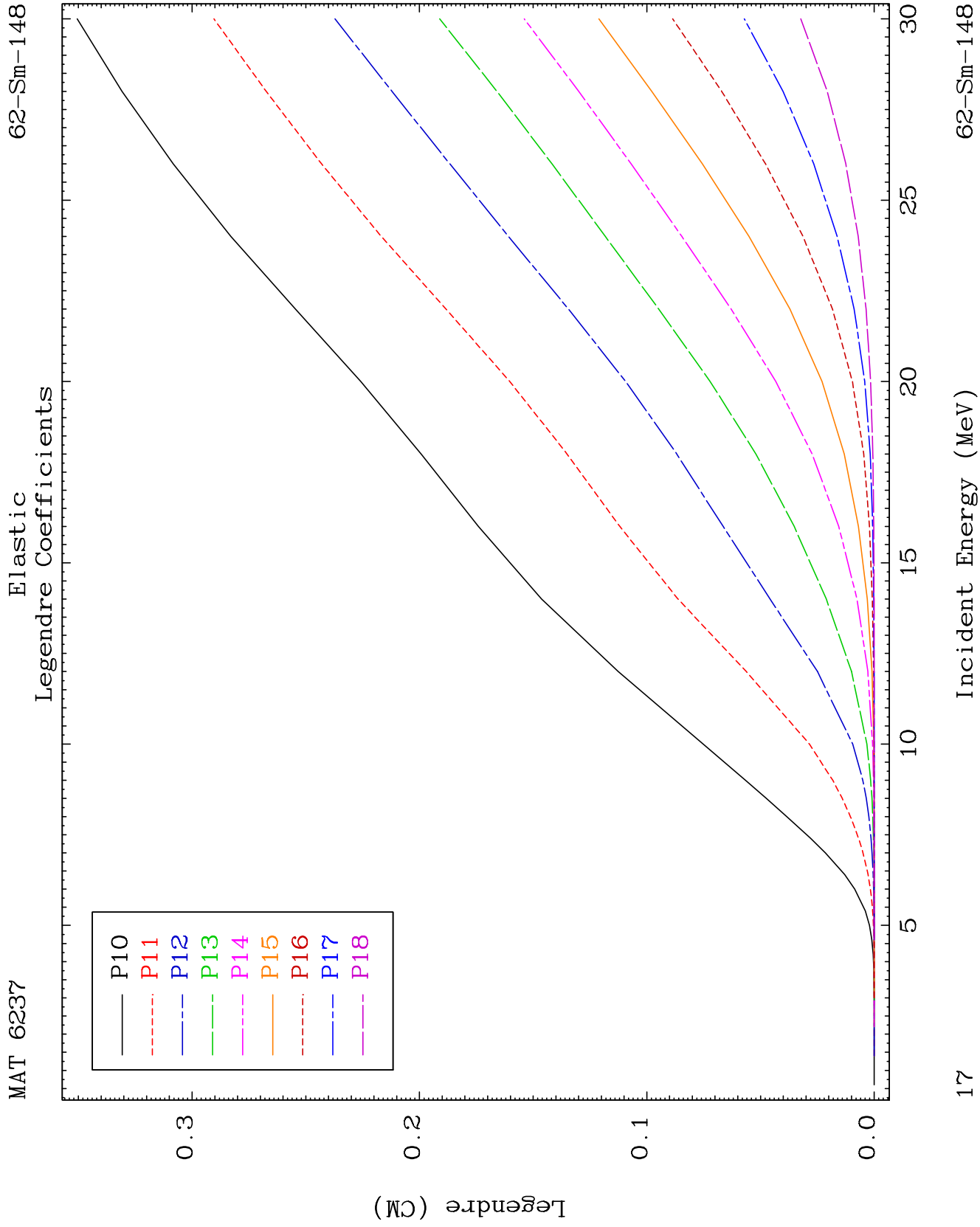


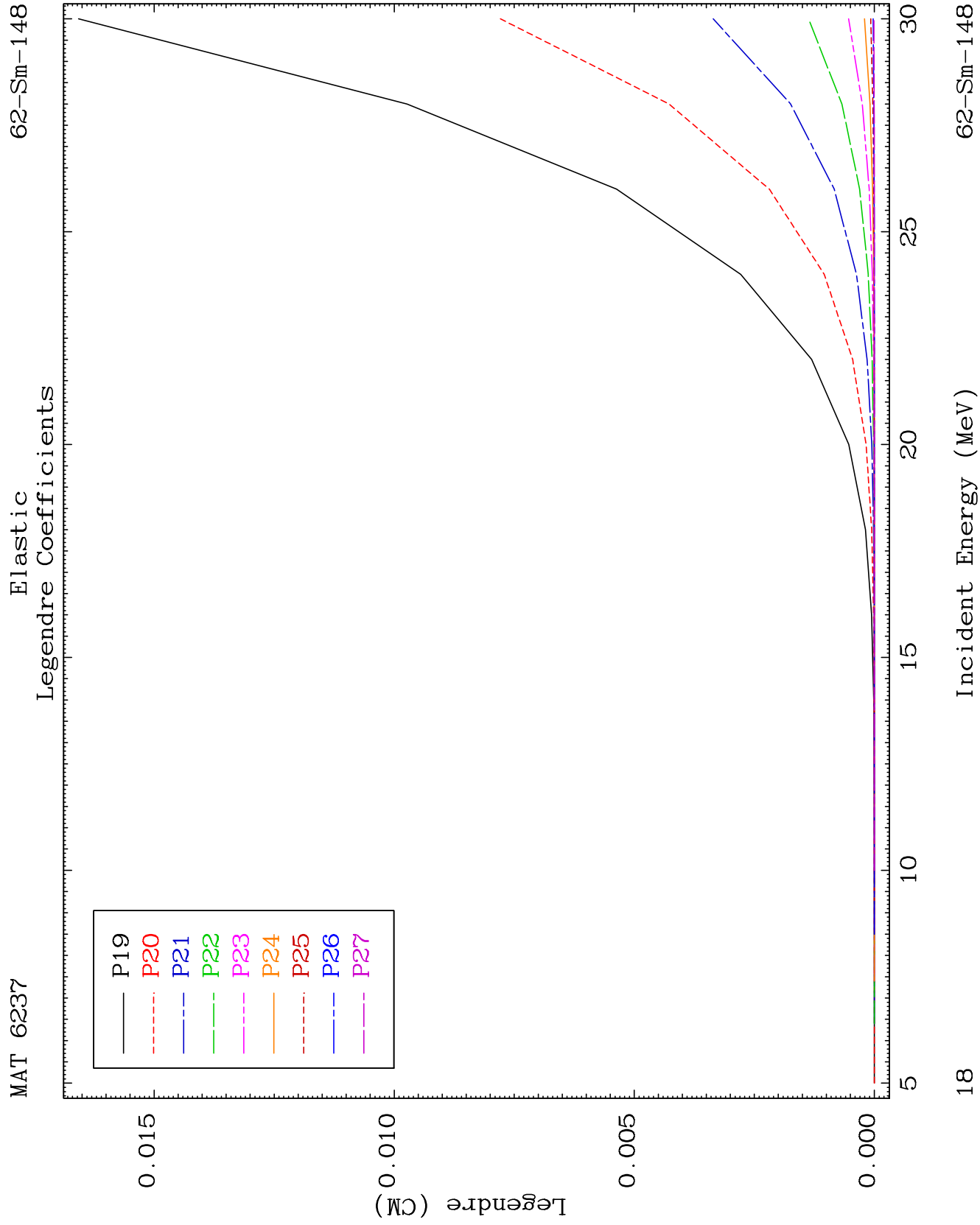
15

Incident Energy (MeV)

62-Sm-148



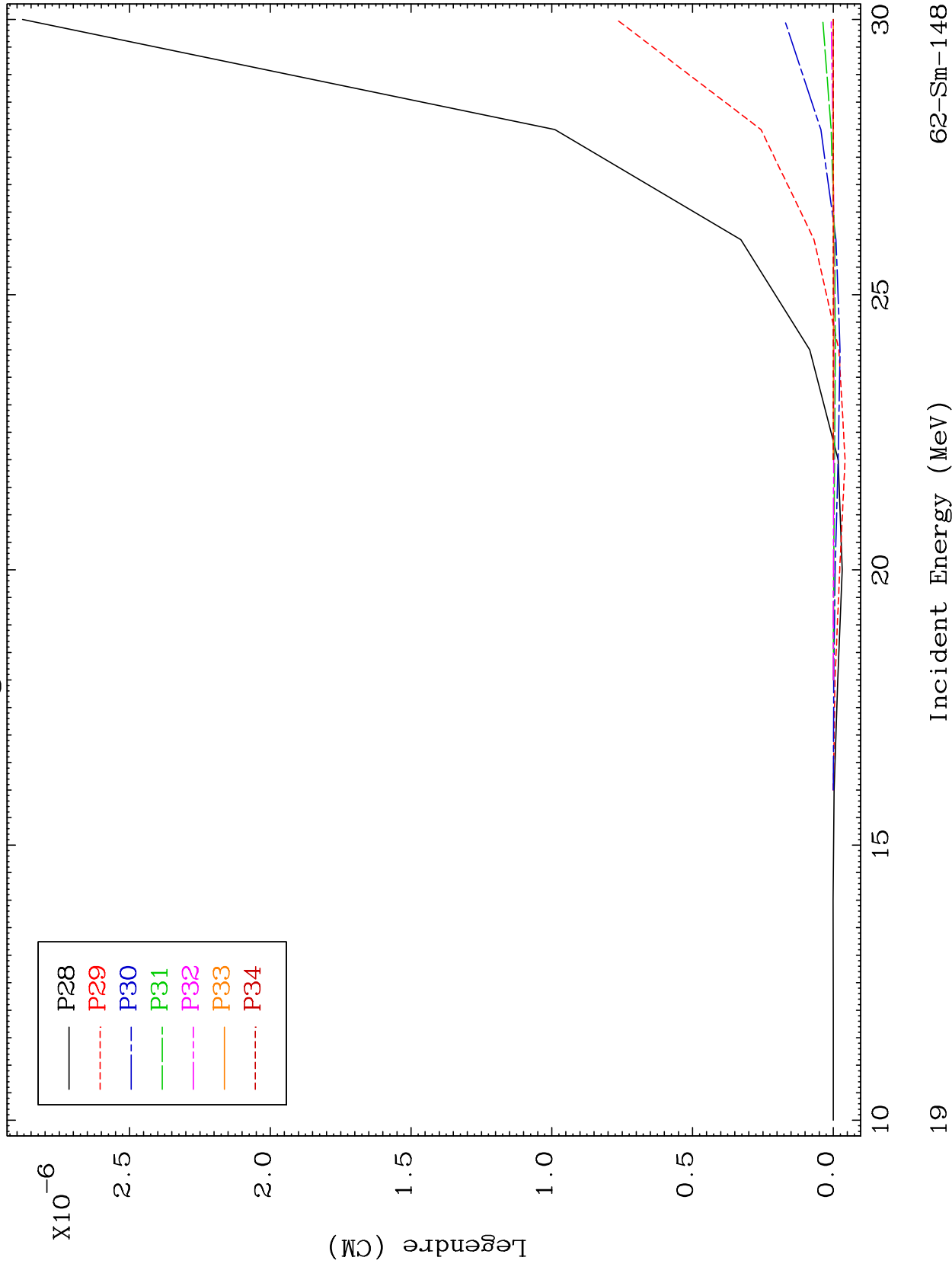




MAT 6237

Elastic
Legendre Coefficients

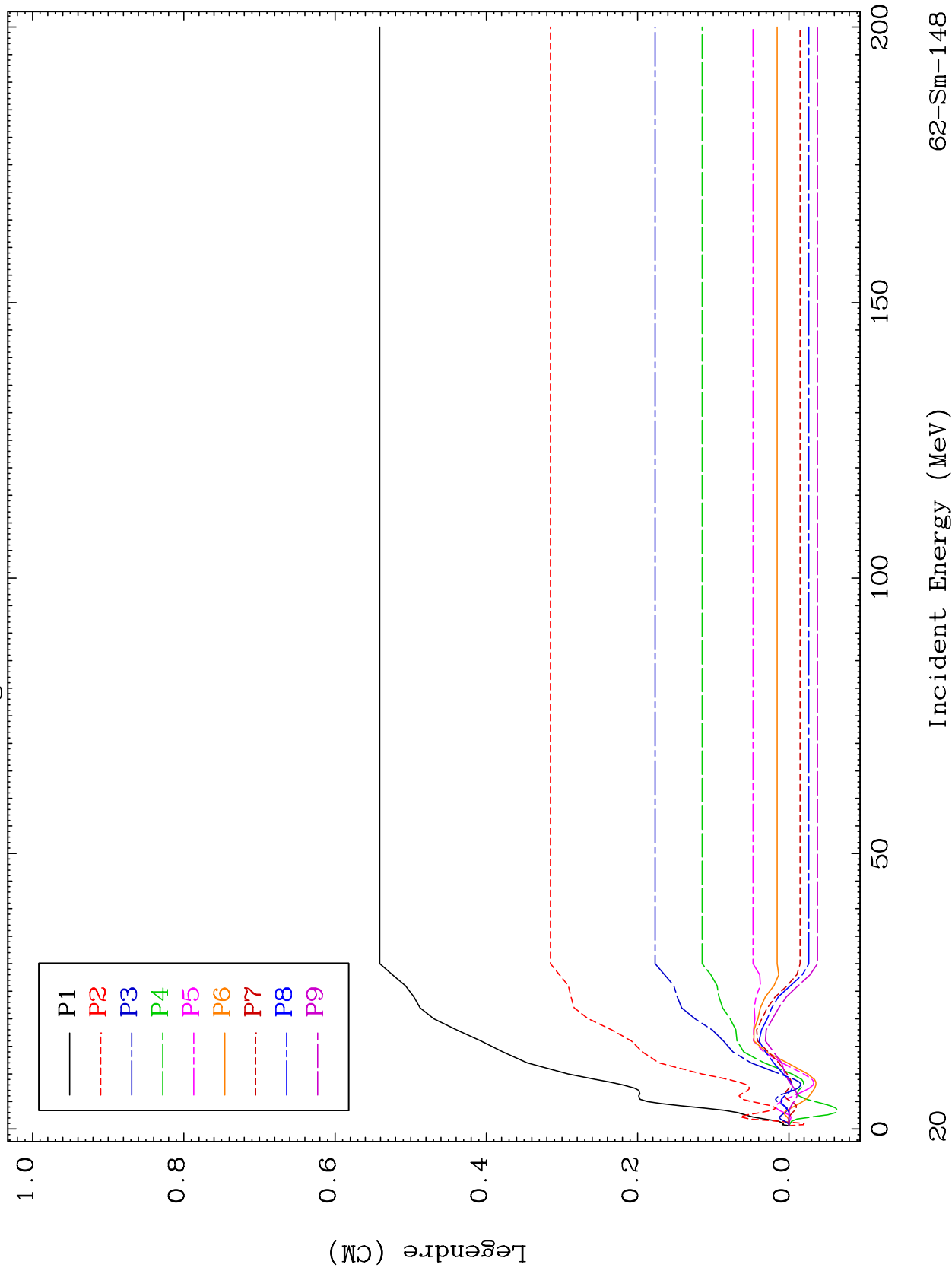
62-Sm-148



MAT 6237

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

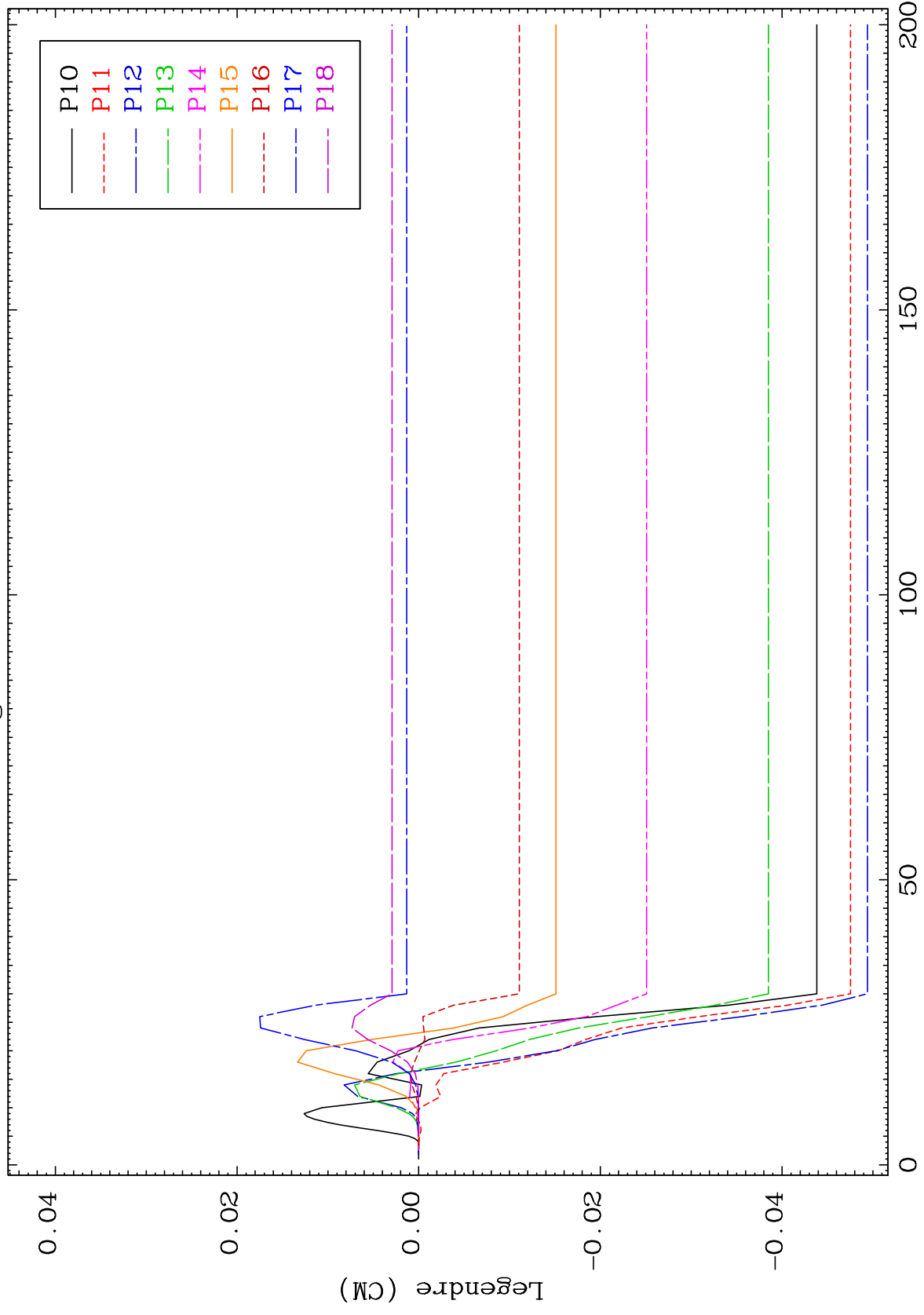
62-Sm-148



MAT 6237

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

62-Sm-148



21

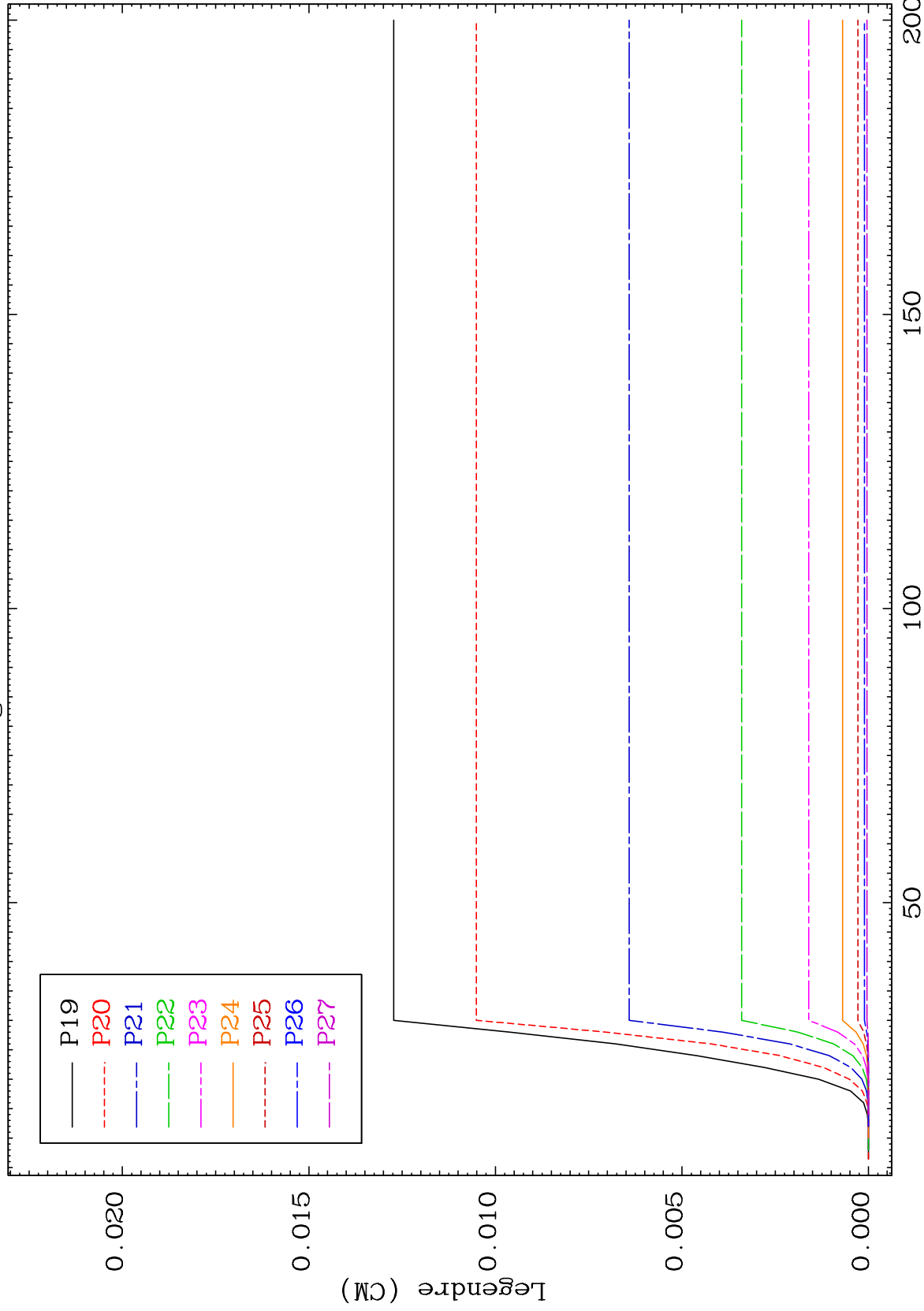
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

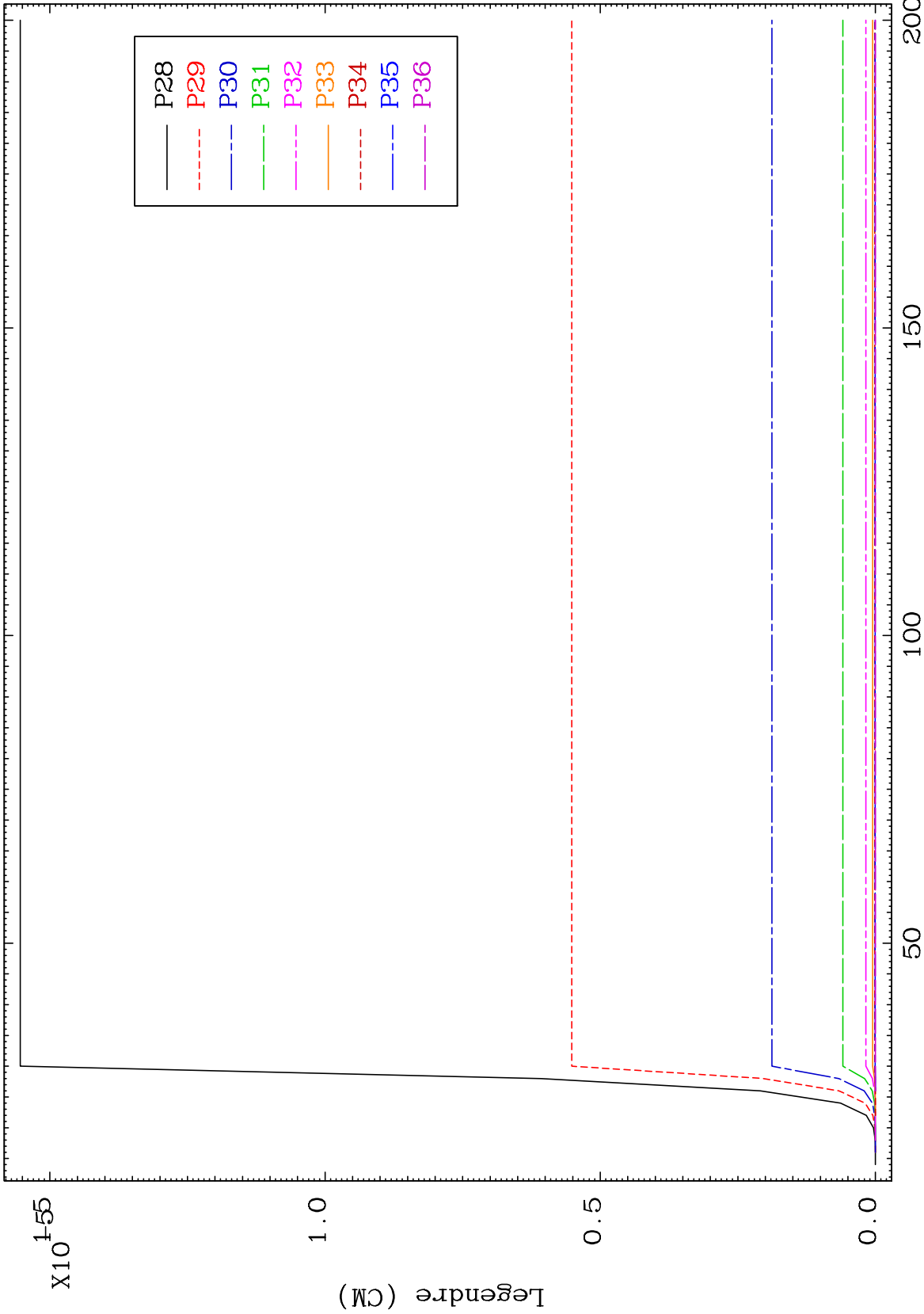
62-Sm-148



22

Incident Energy (MeV)

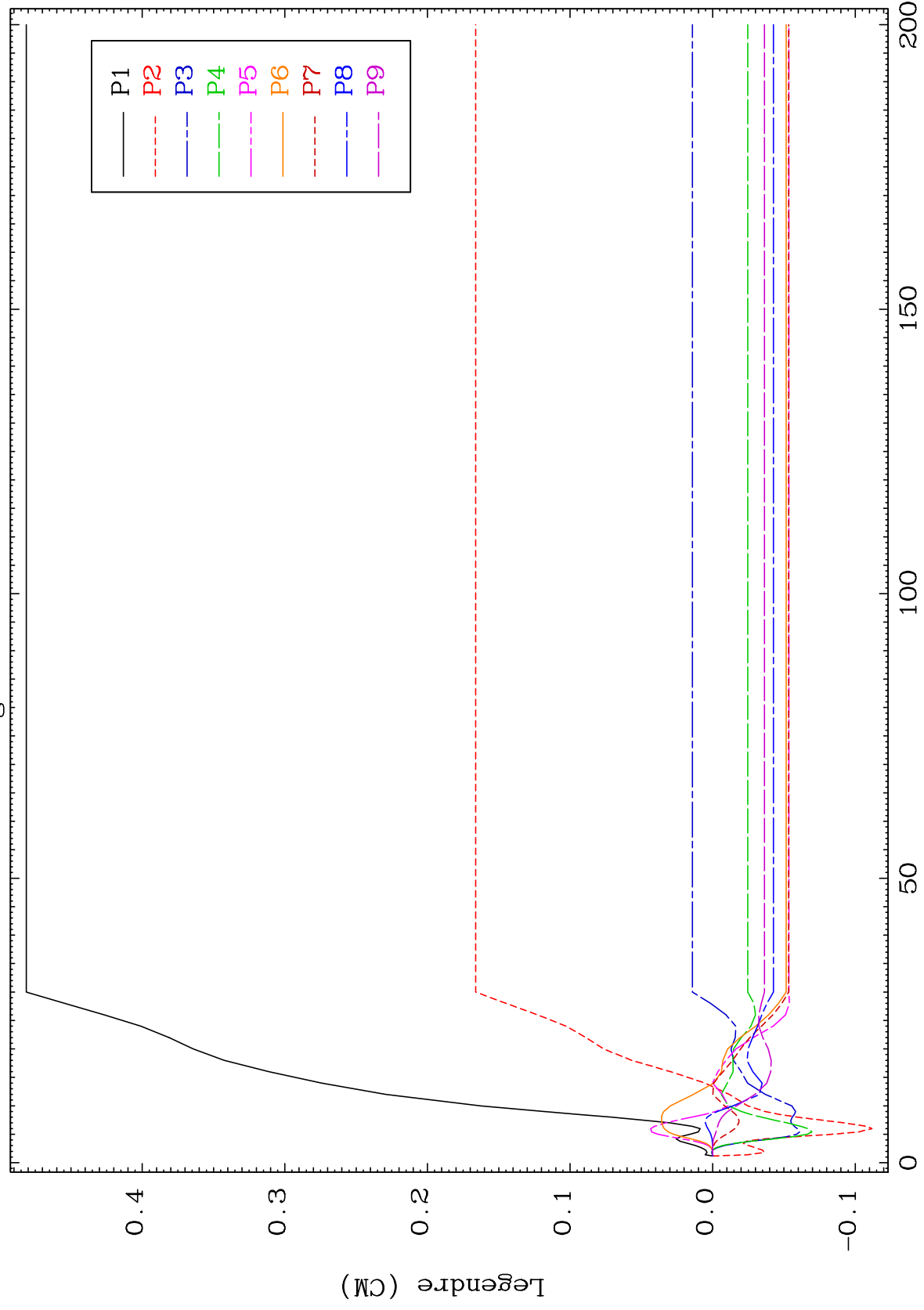
62-Sm-148



MAT 6237

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

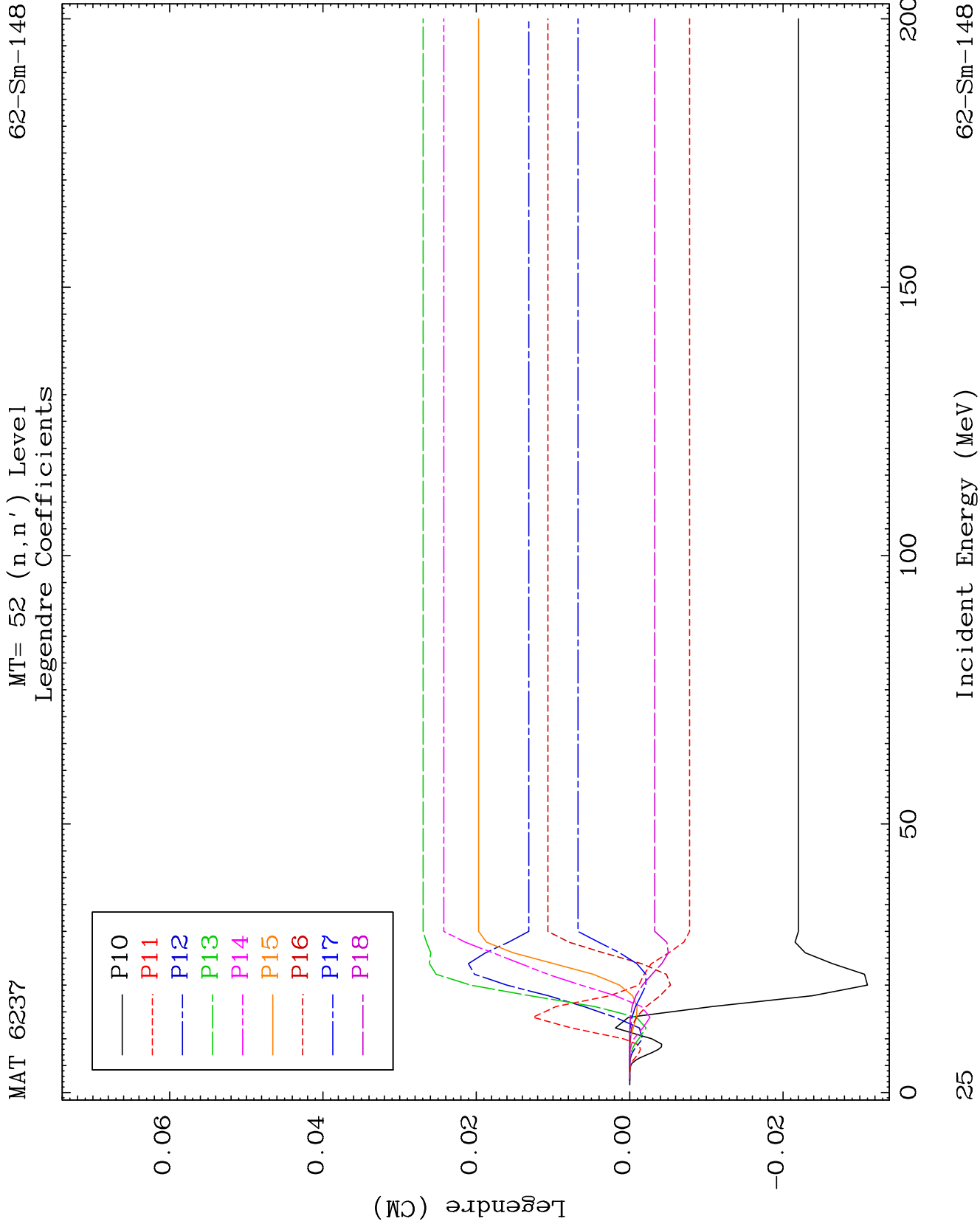
62-Sm-148



24

Incident Energy (MeV)

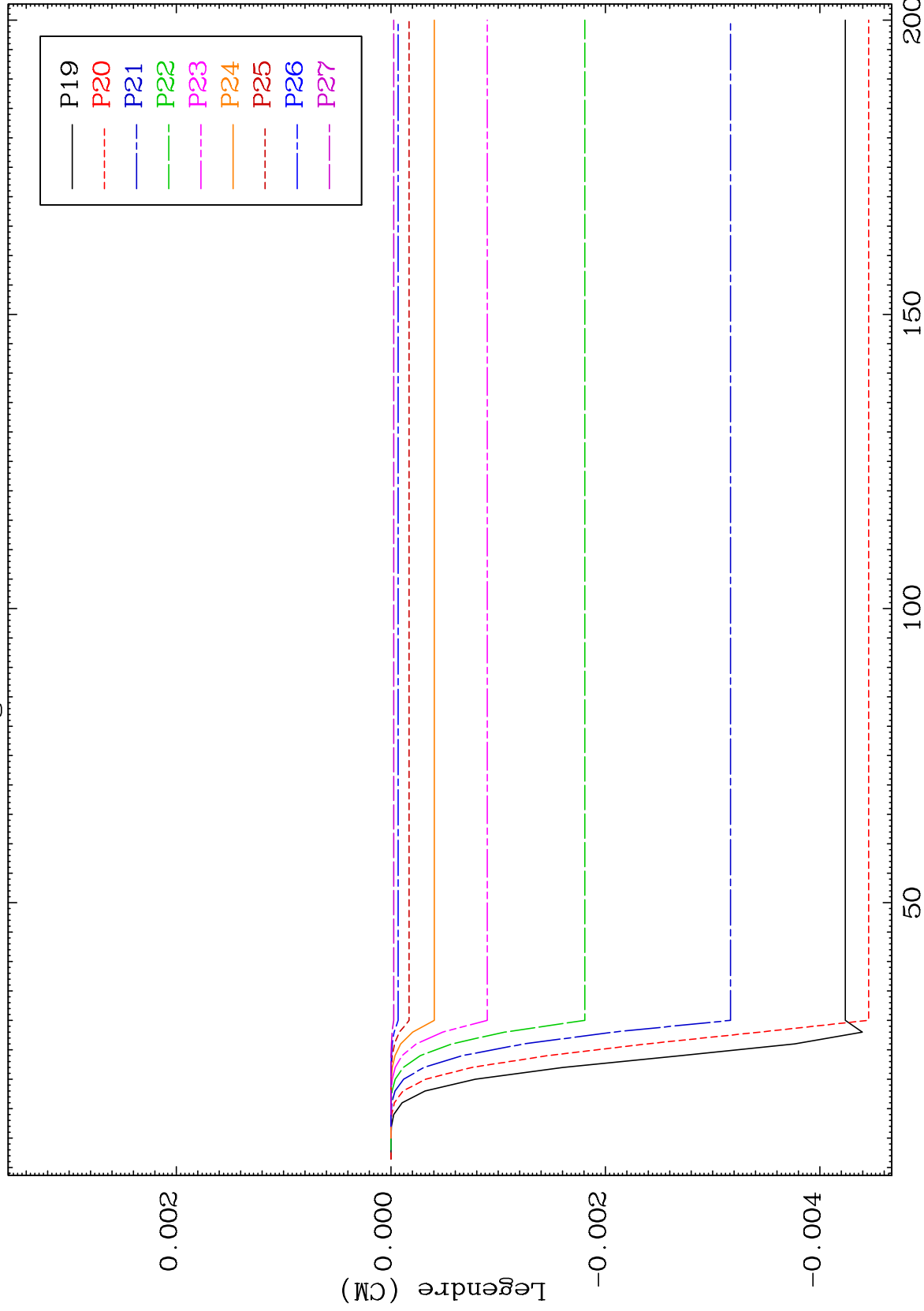
62-Sm-148



MAT 6237

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

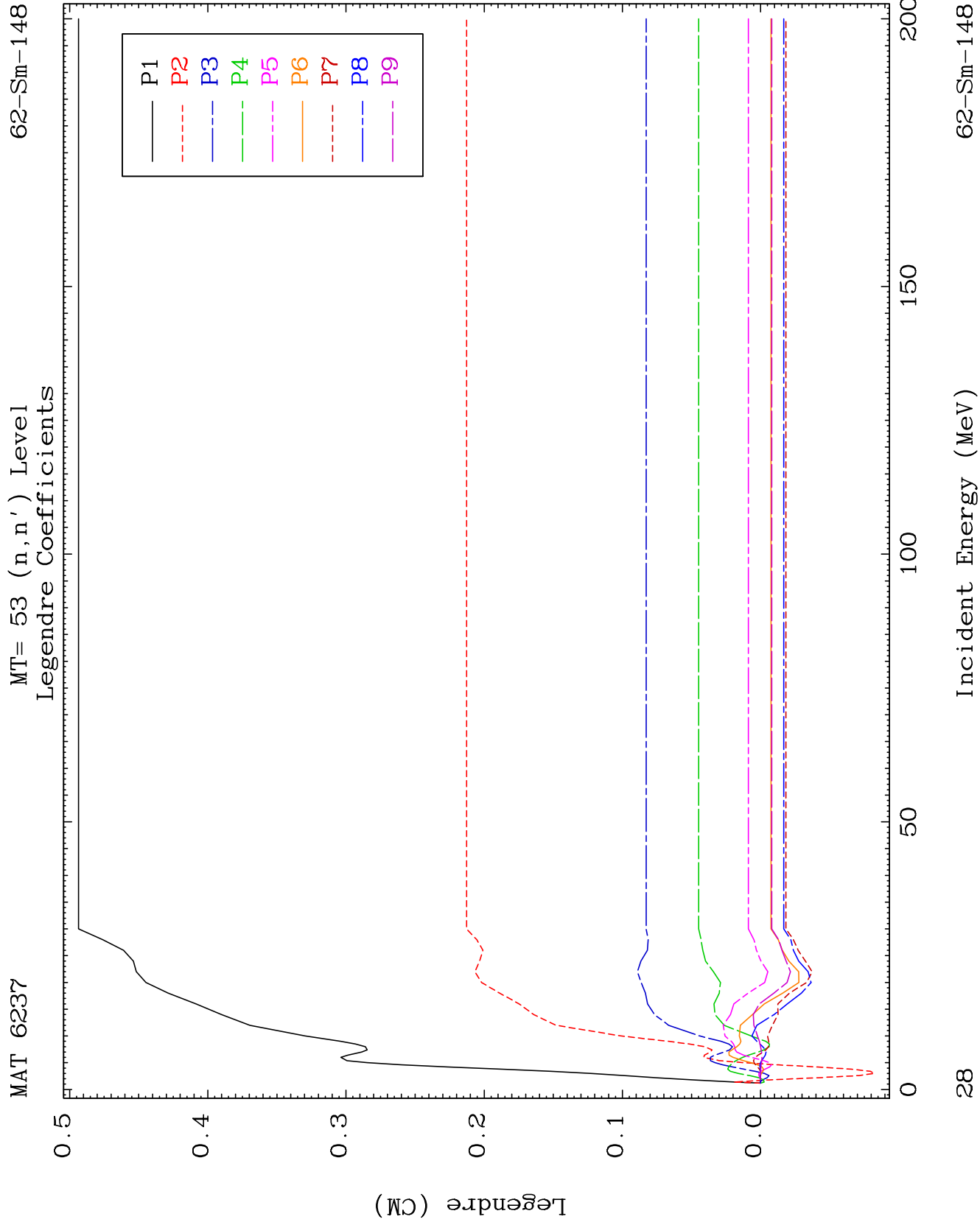
62-Sm-148



26

Incident Energy (MeV)

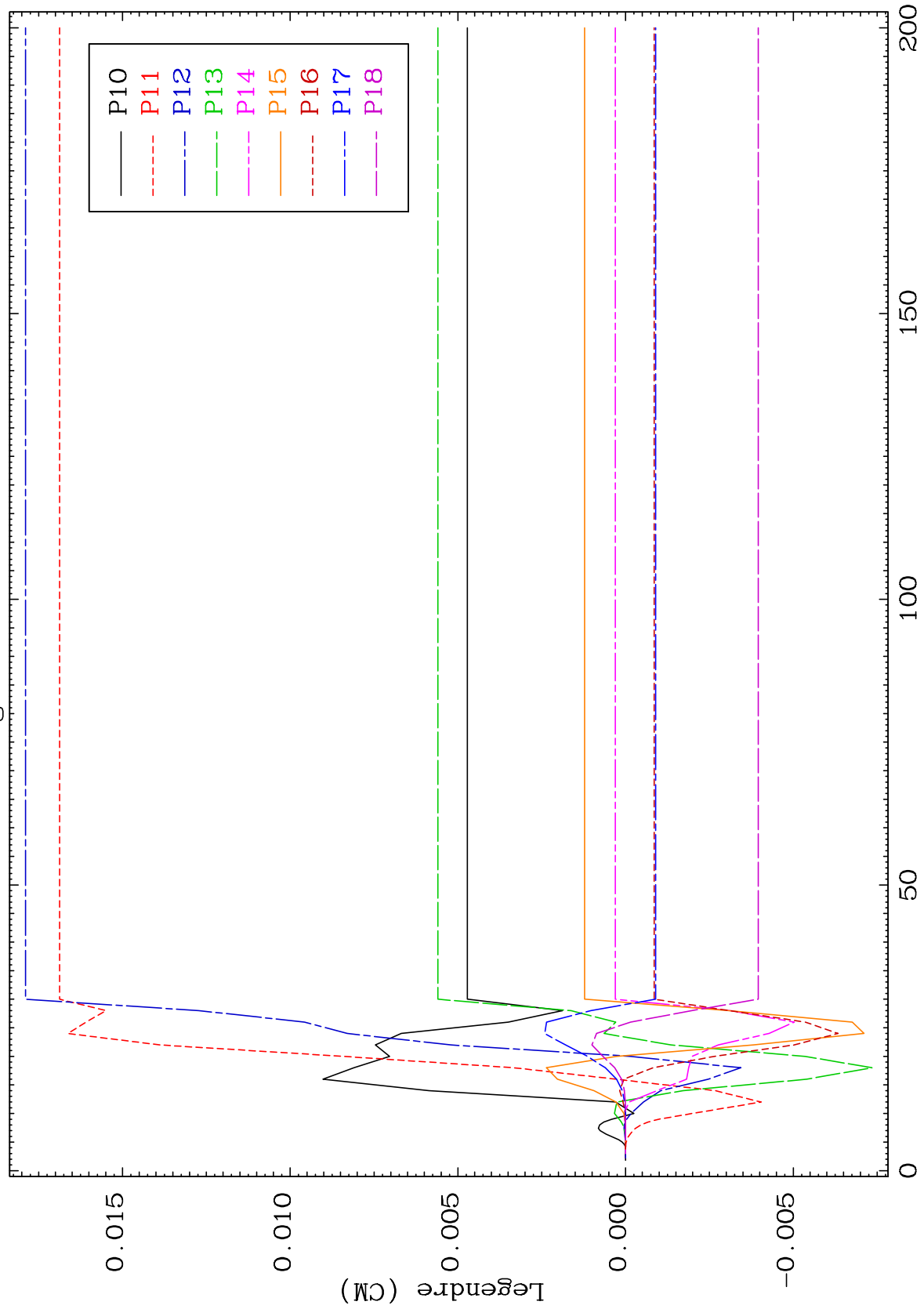
62-Sm-148



MAT 6237

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

62-Sm-148



92

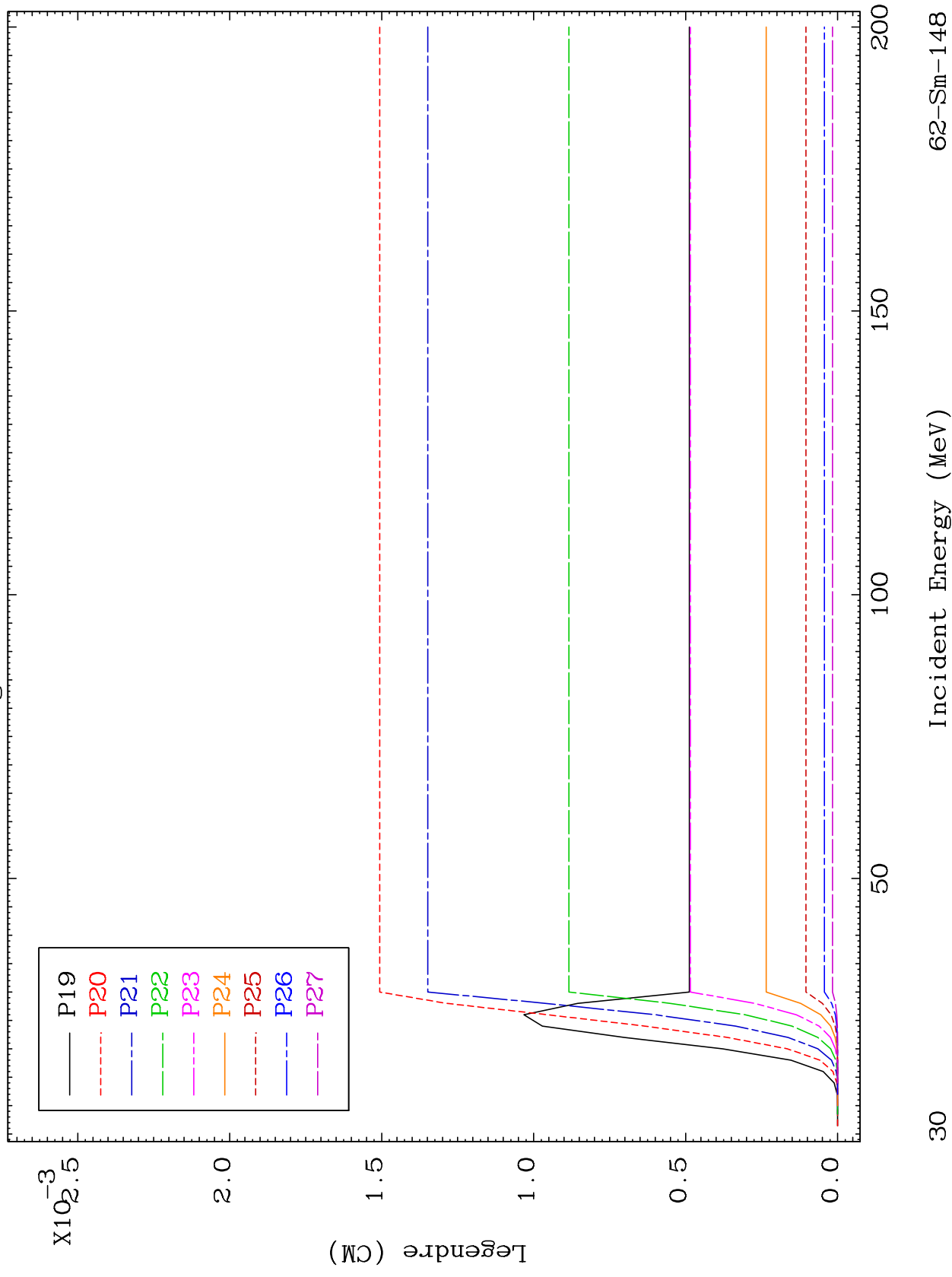
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

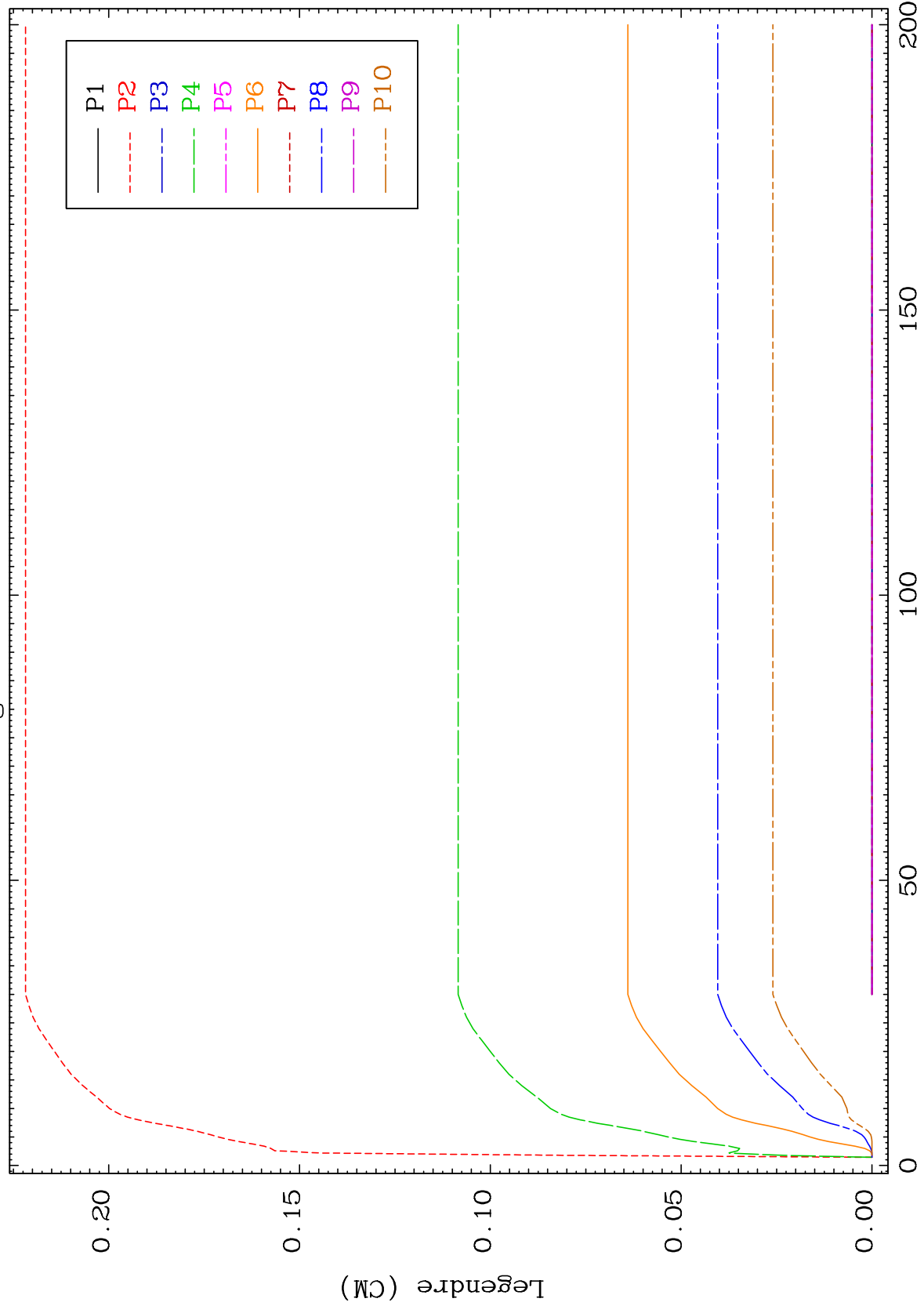
62-Sm-148



MAT 6237

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

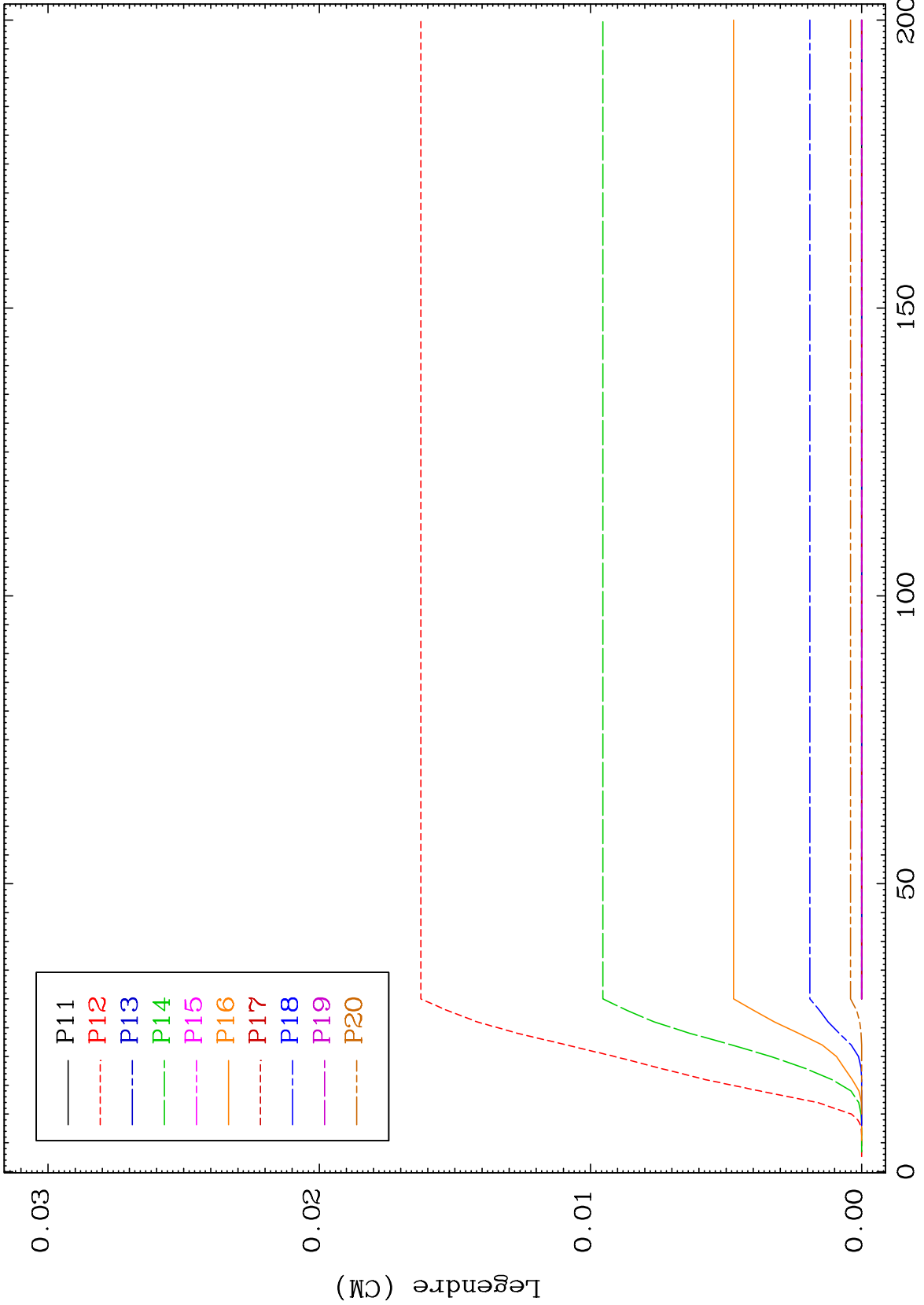
62-Sm-148

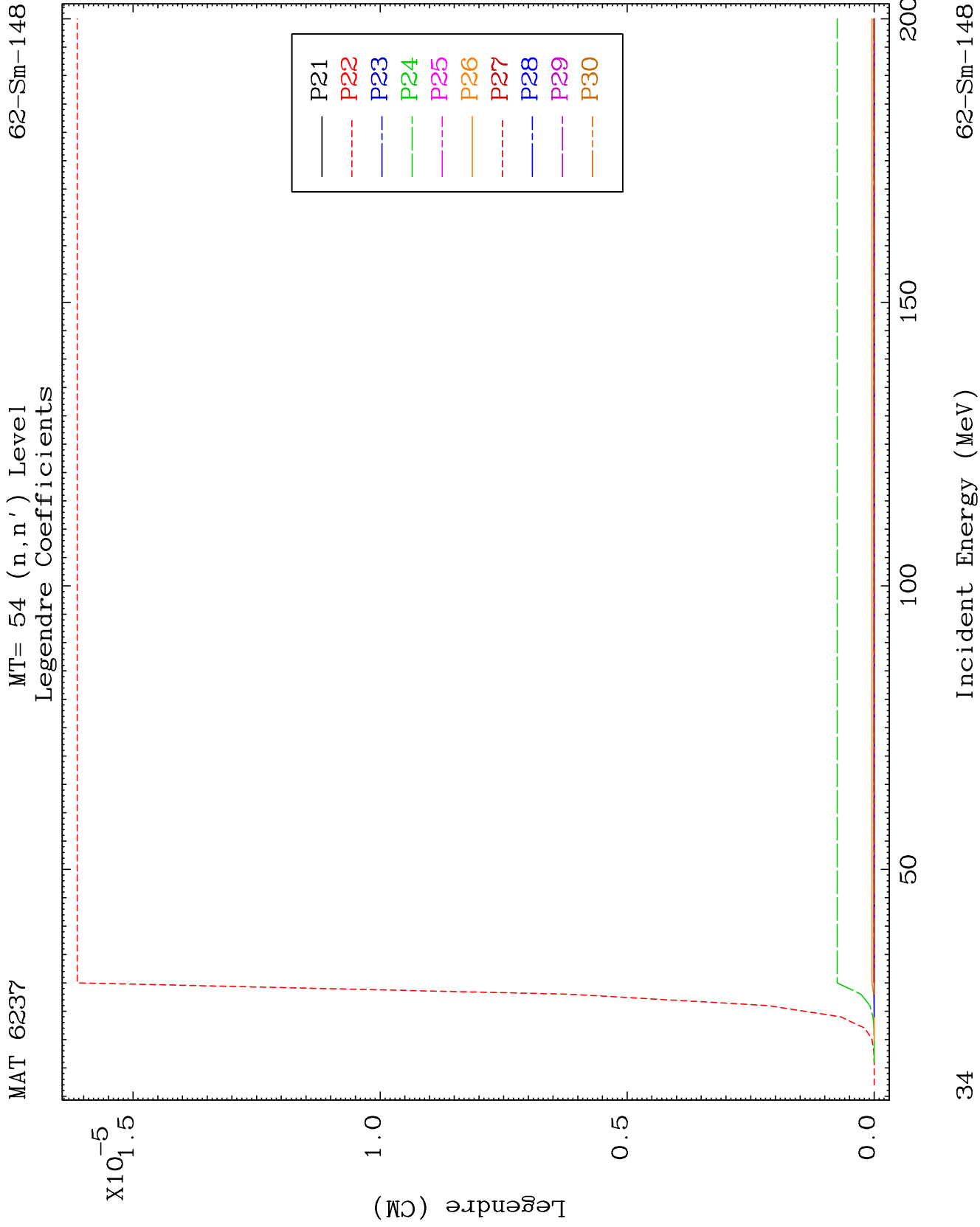


32

Incident Energy (MeV)

62-Sm-148

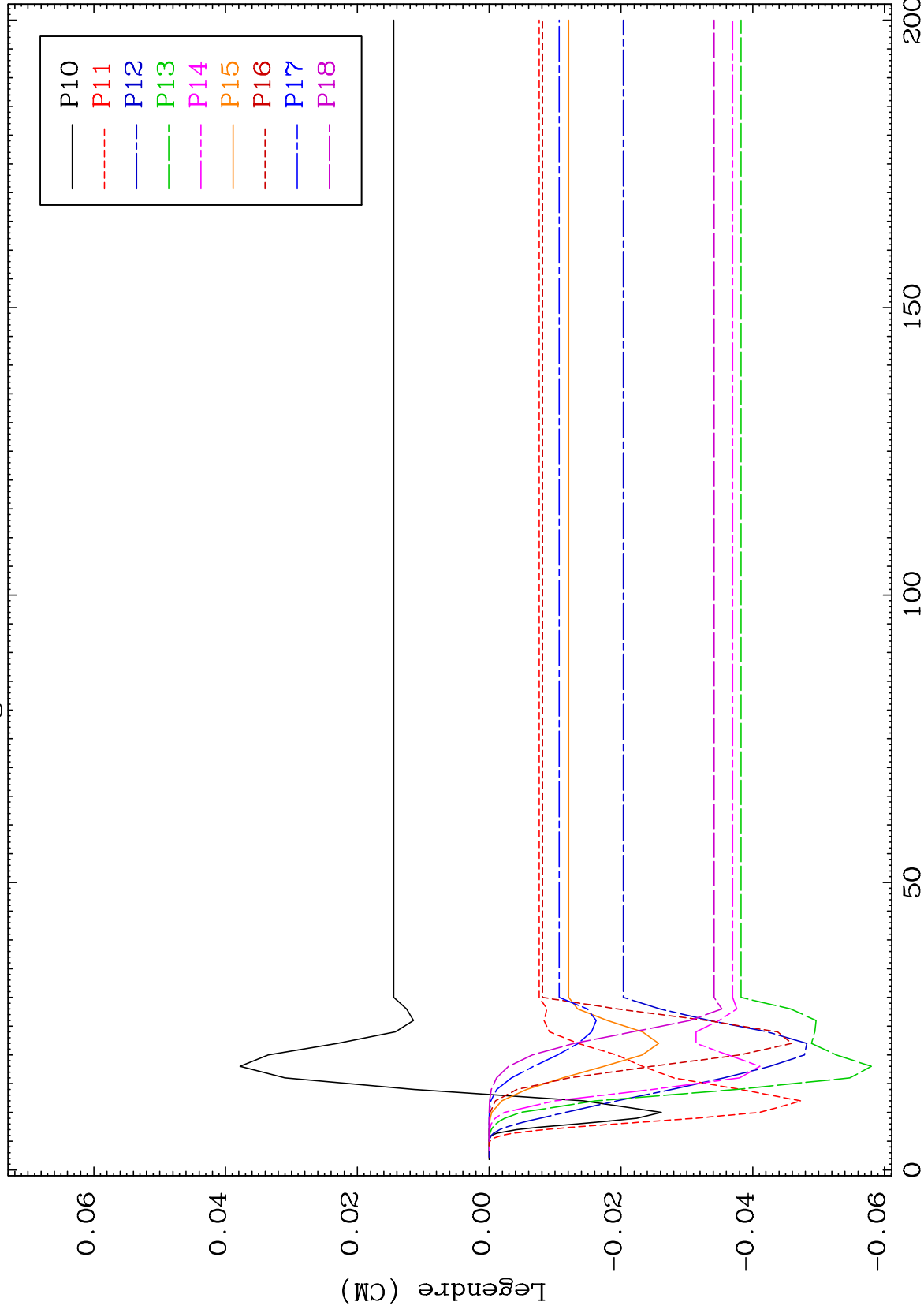




MAT 6237

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

62-Sm-148



36

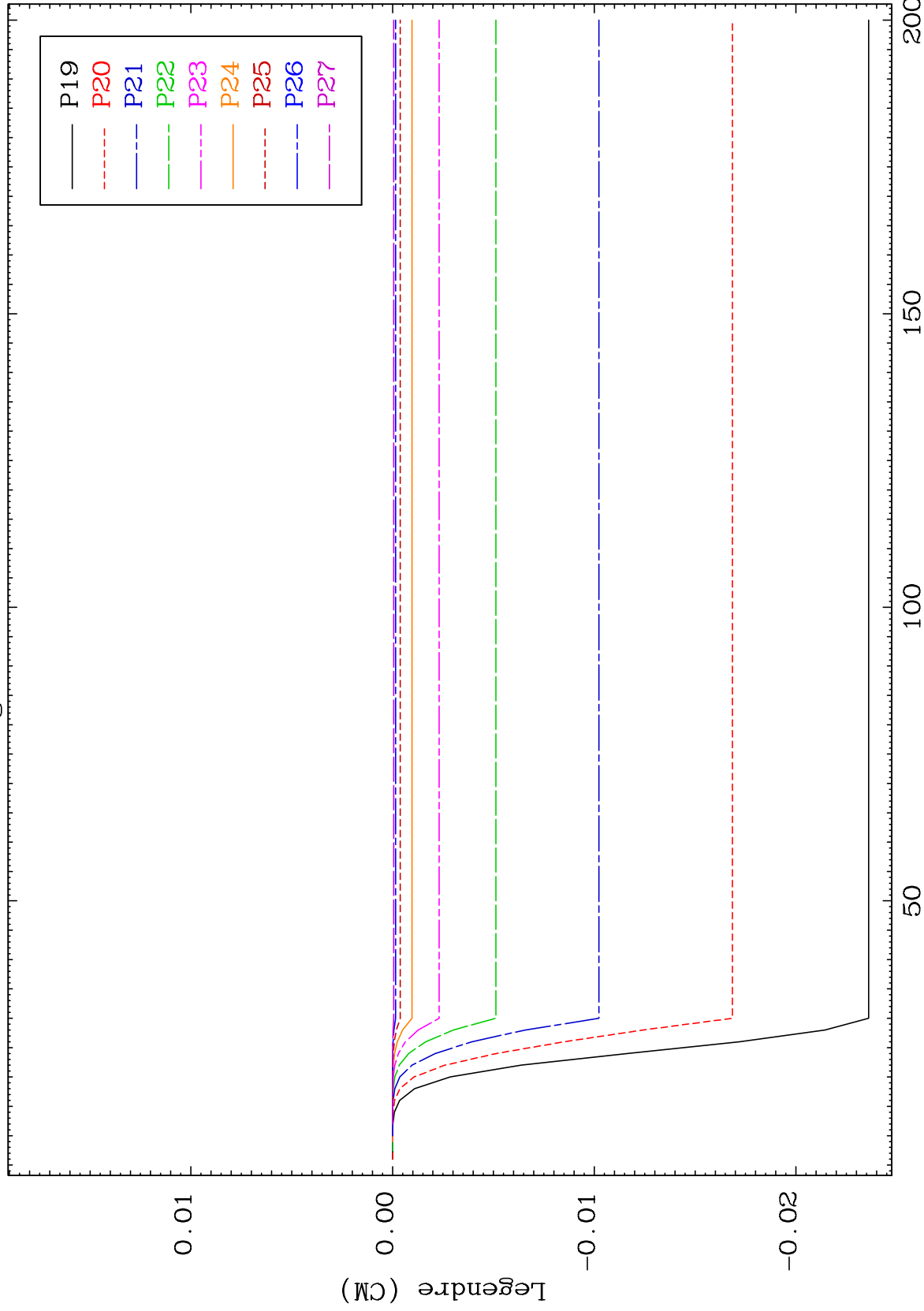
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



37

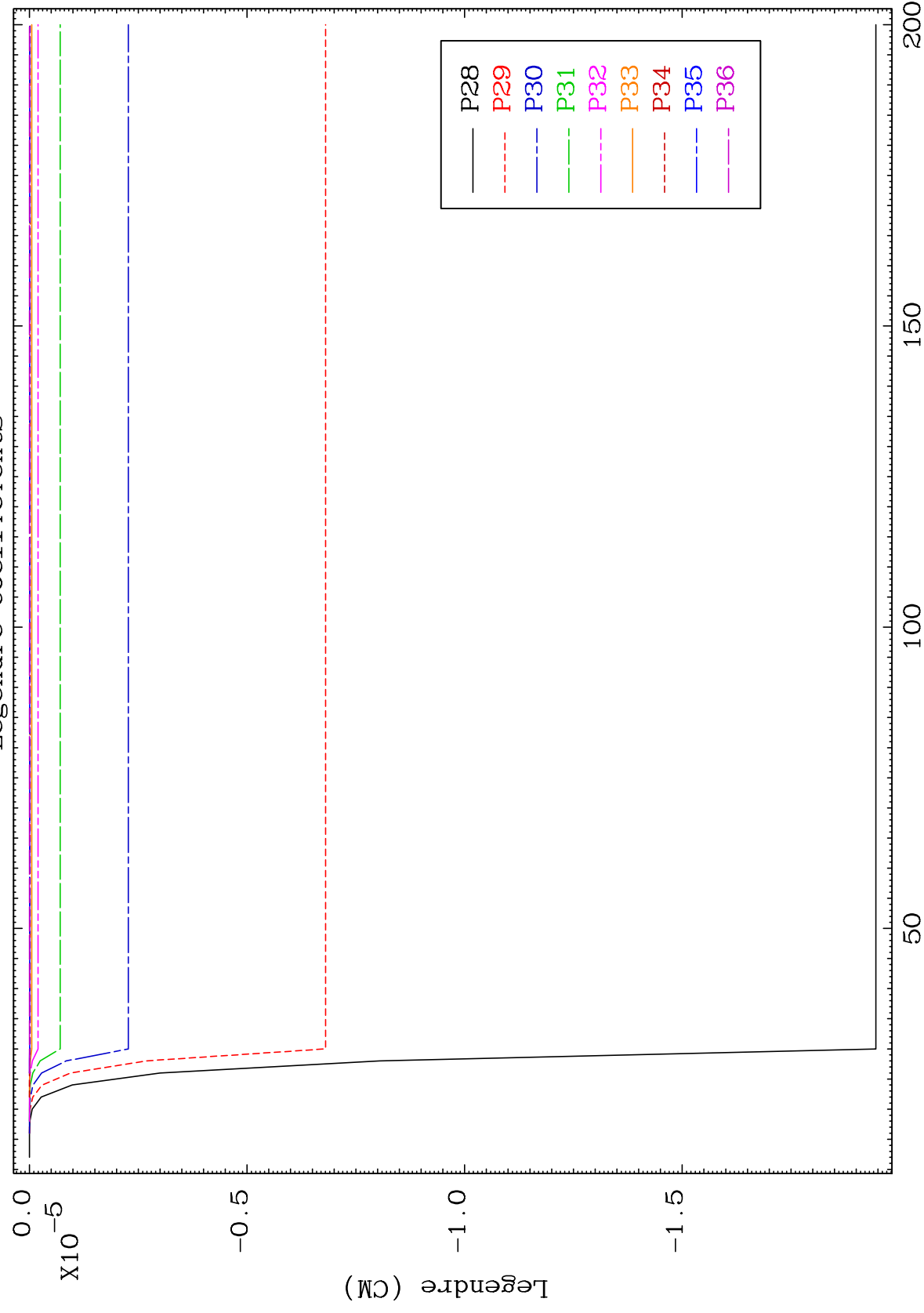
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

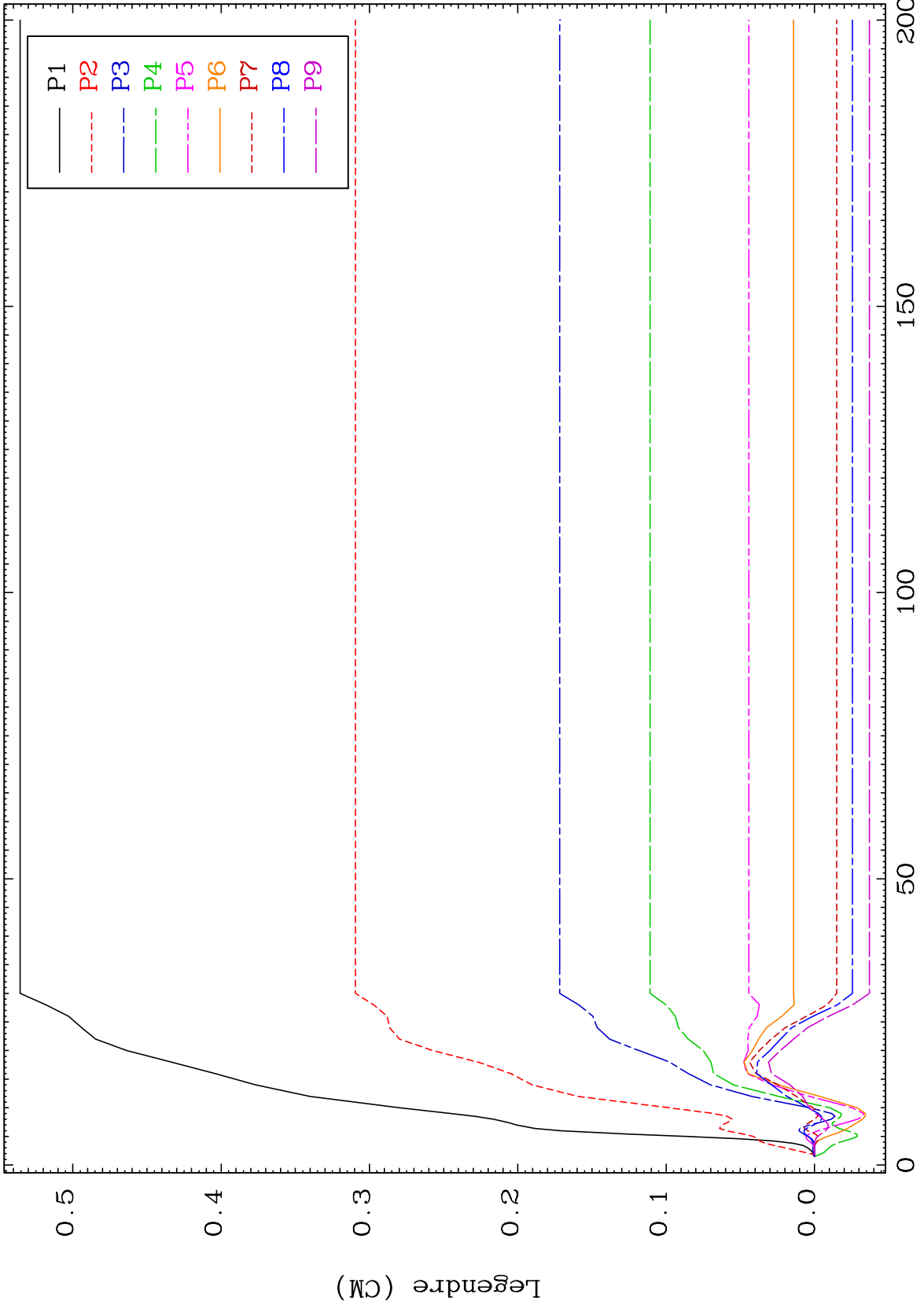
62-Sm-148



33

Incident Energy (MeV)

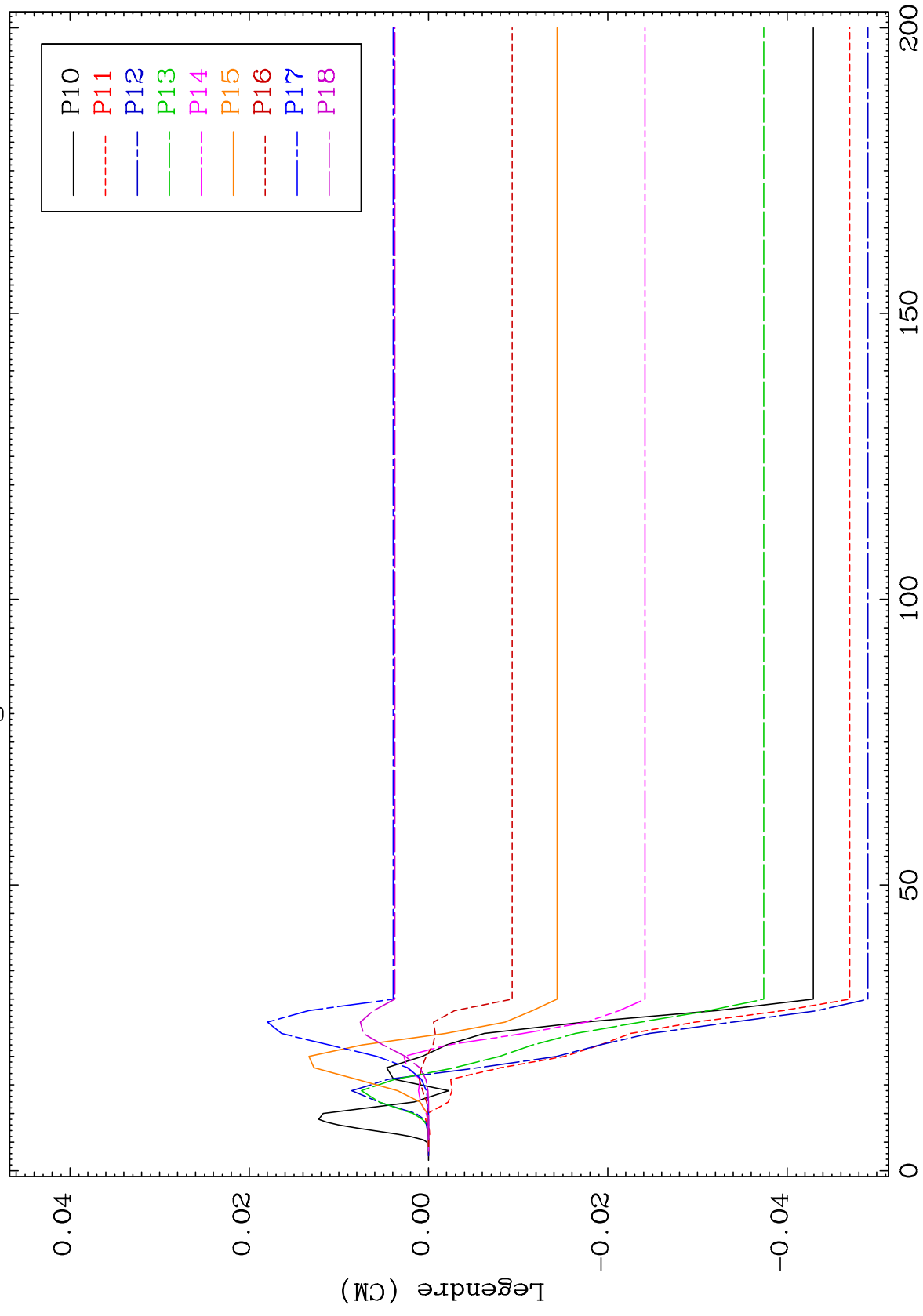
62-Sm-148



MAT 6237

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

62-Sm-148



40

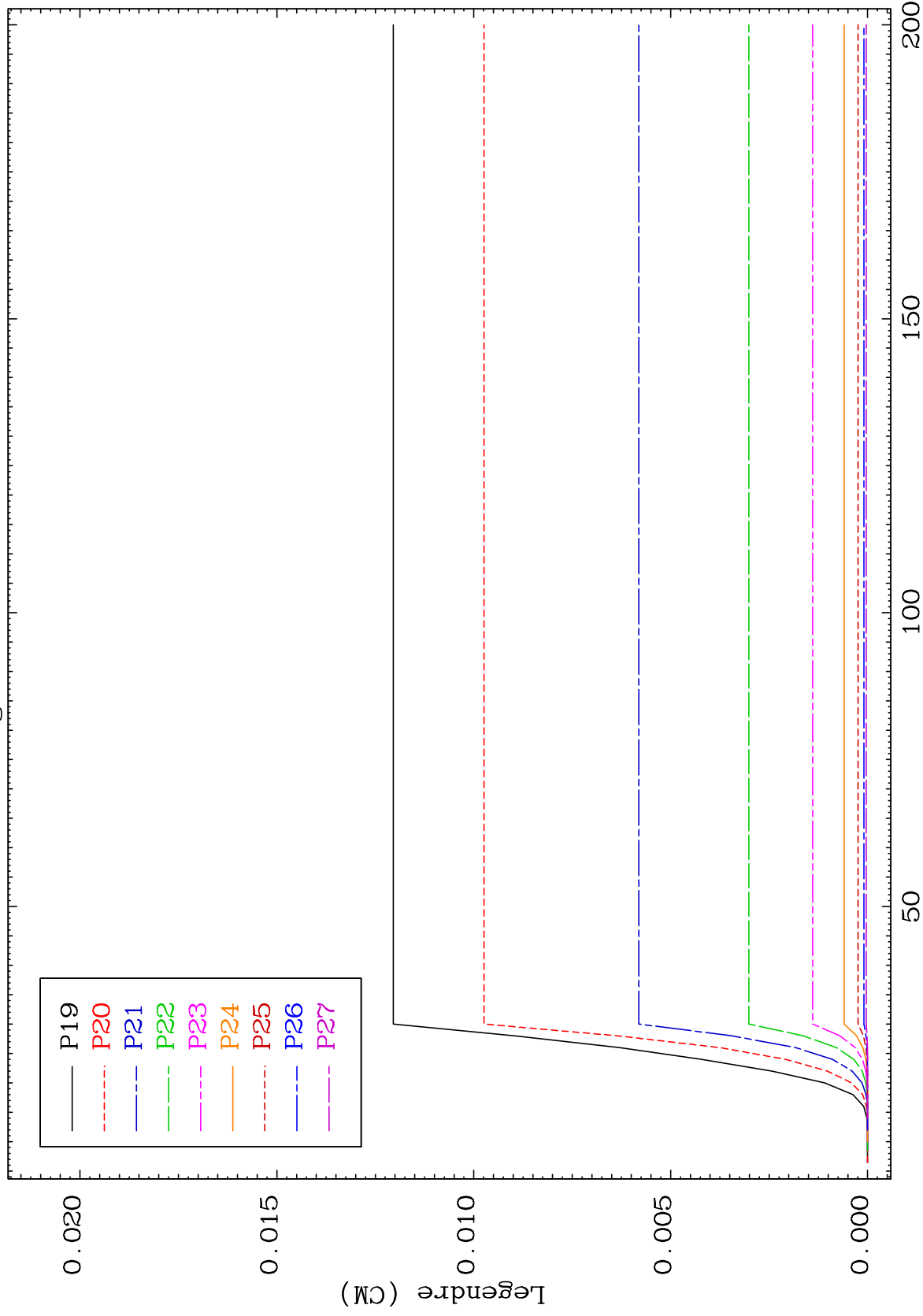
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

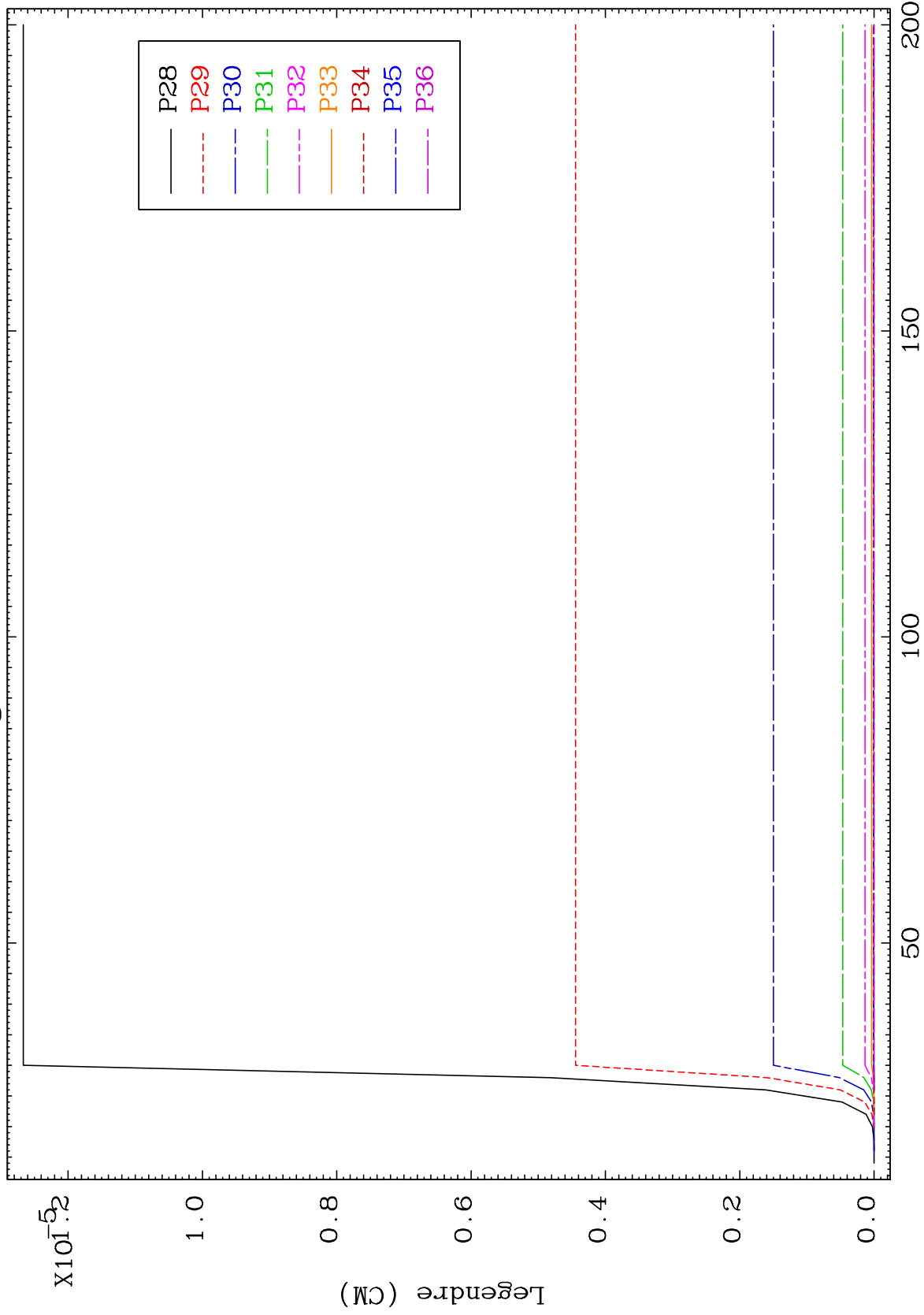
62-Sm-148



MAT 6237

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

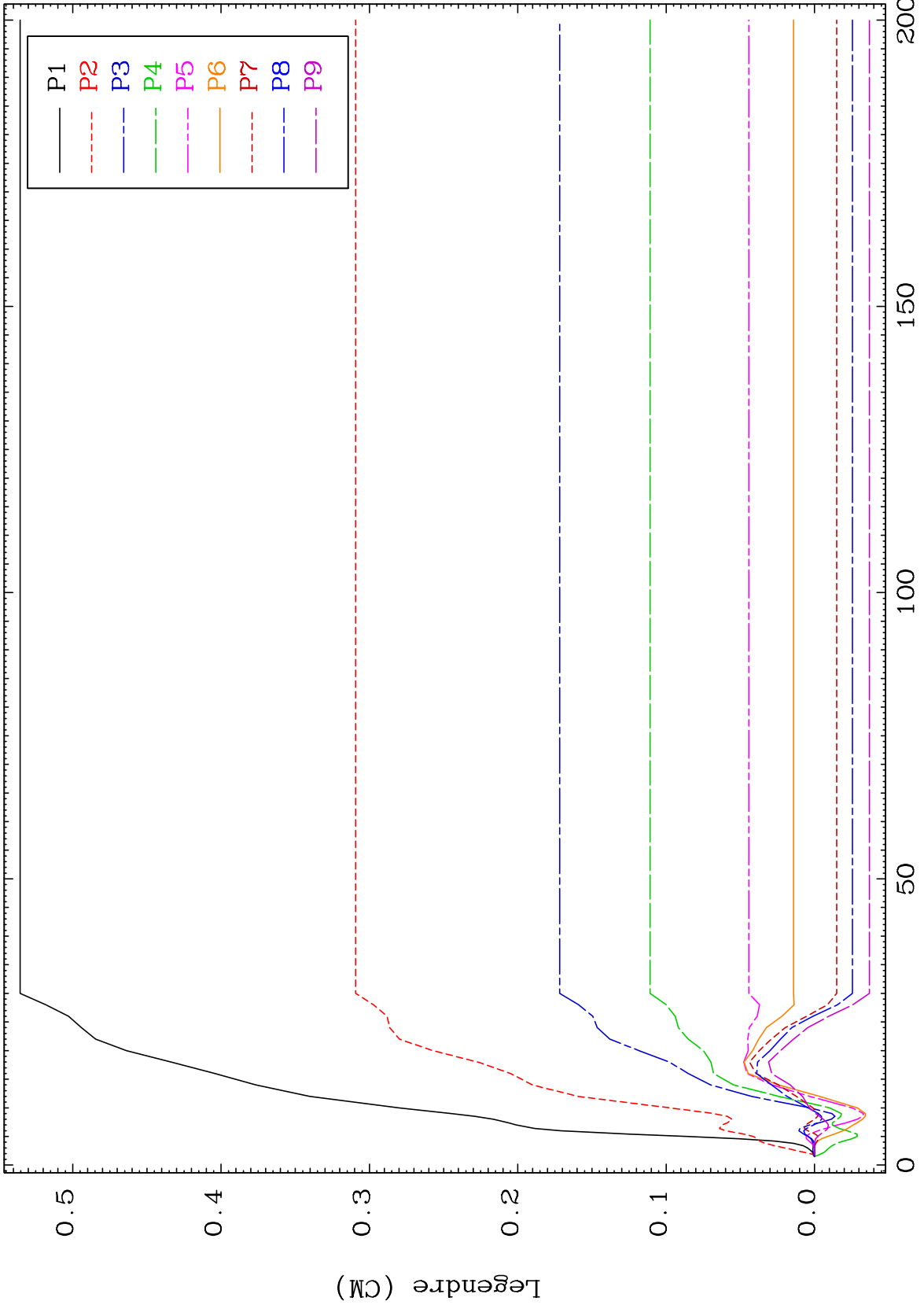
62-Sm-148



42

Incident Energy (MeV)

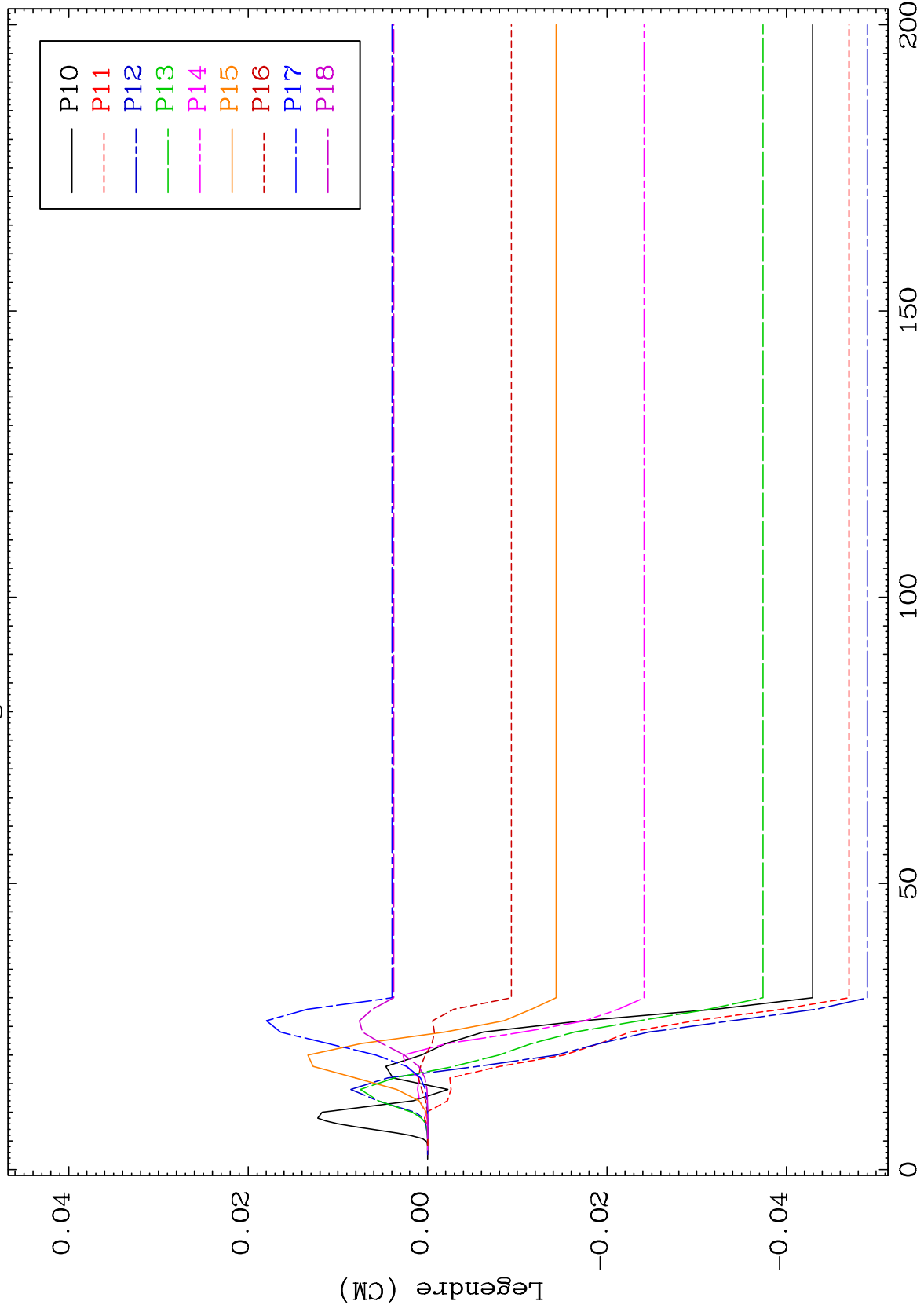
62-Sm-148



MAT 6237

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

62-Sm-148



44

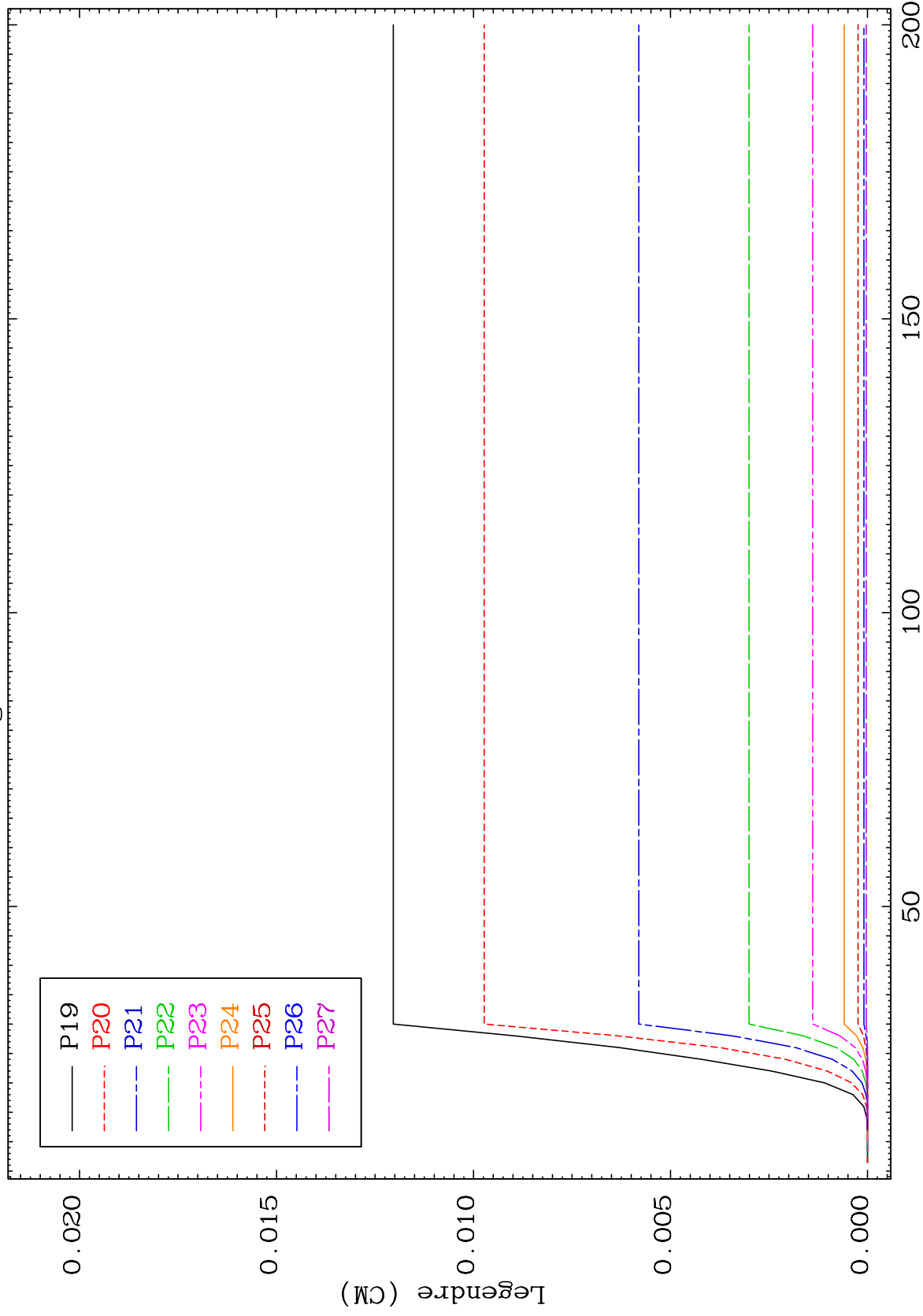
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



45

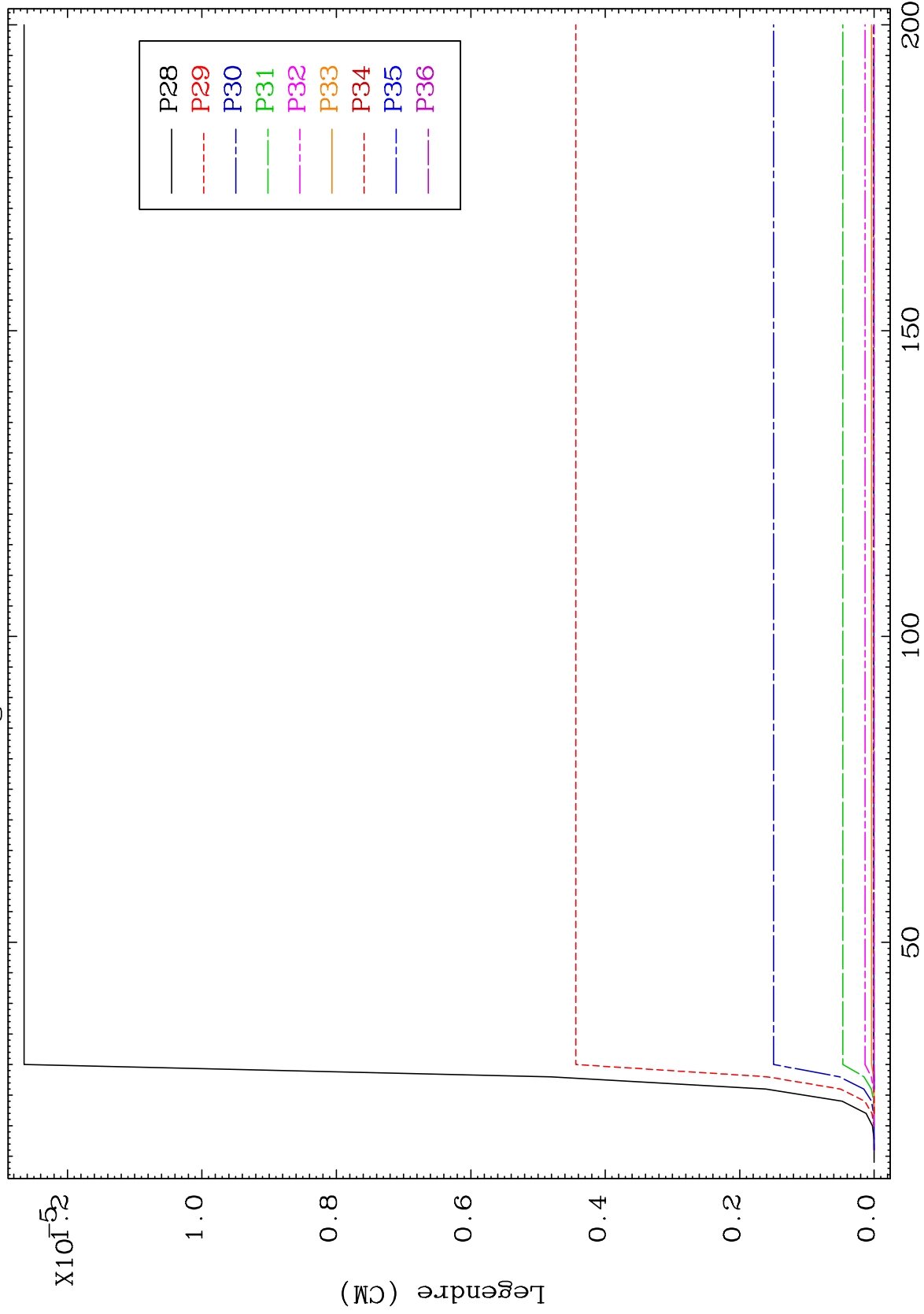
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



46

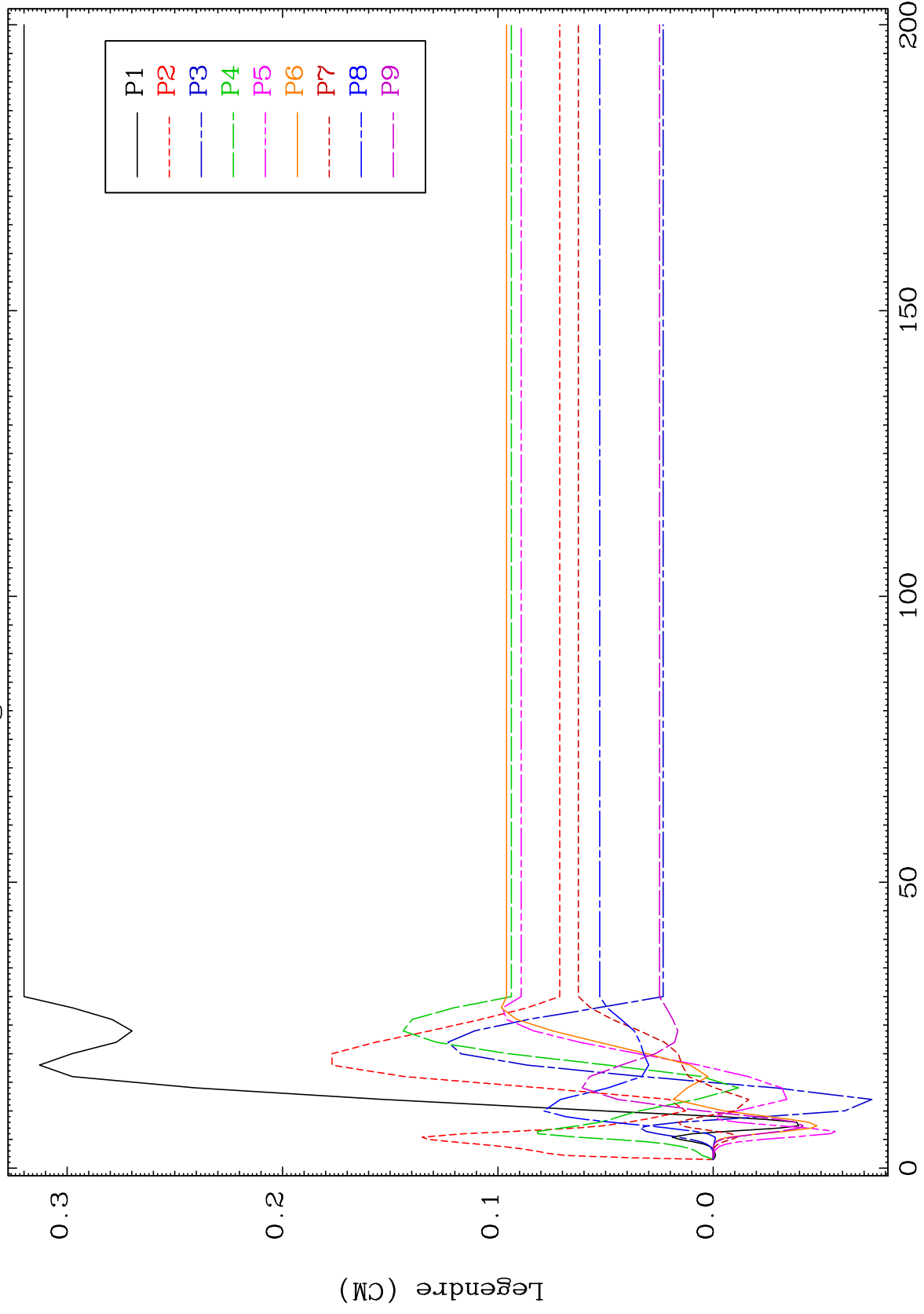
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



27

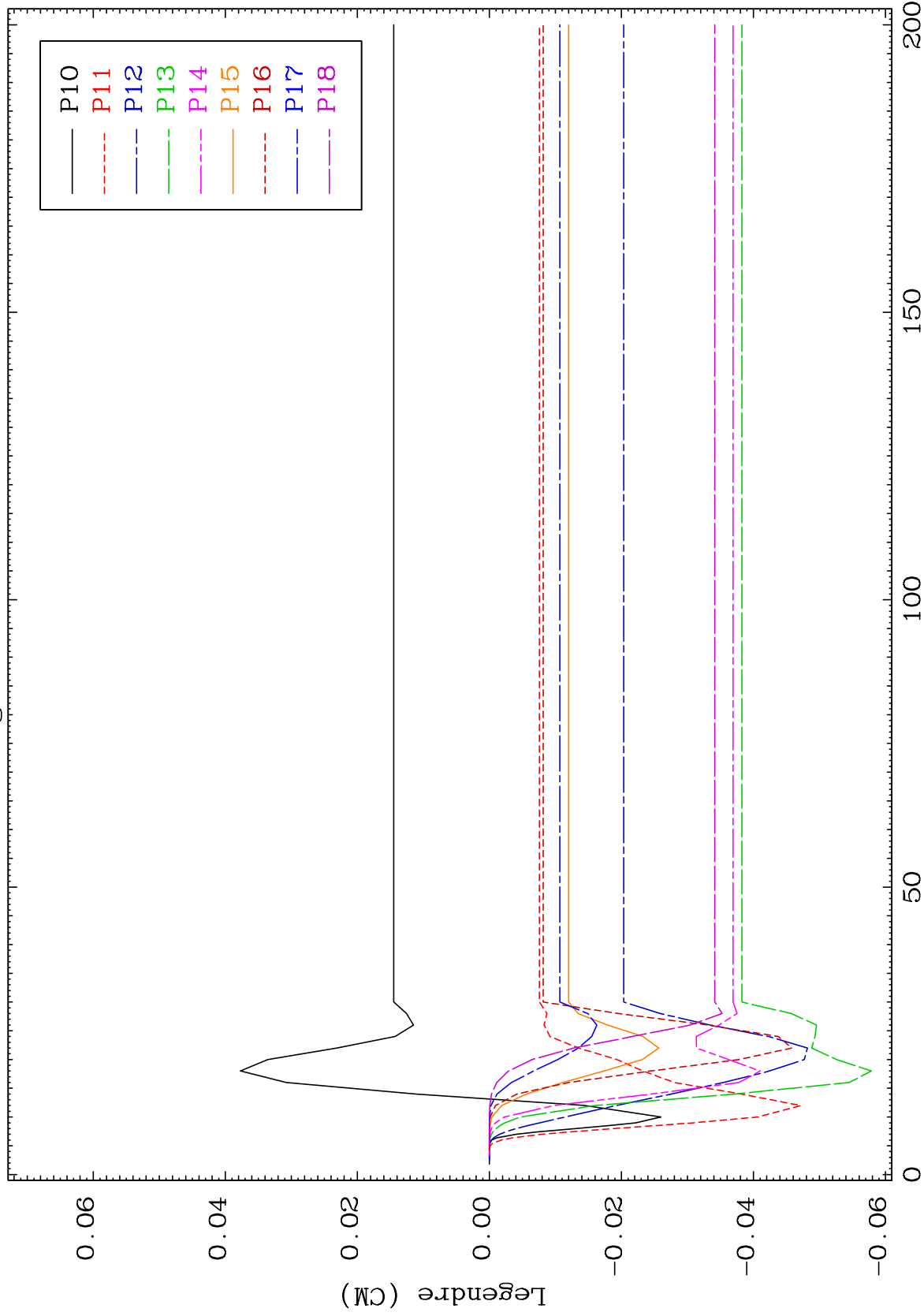
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



48

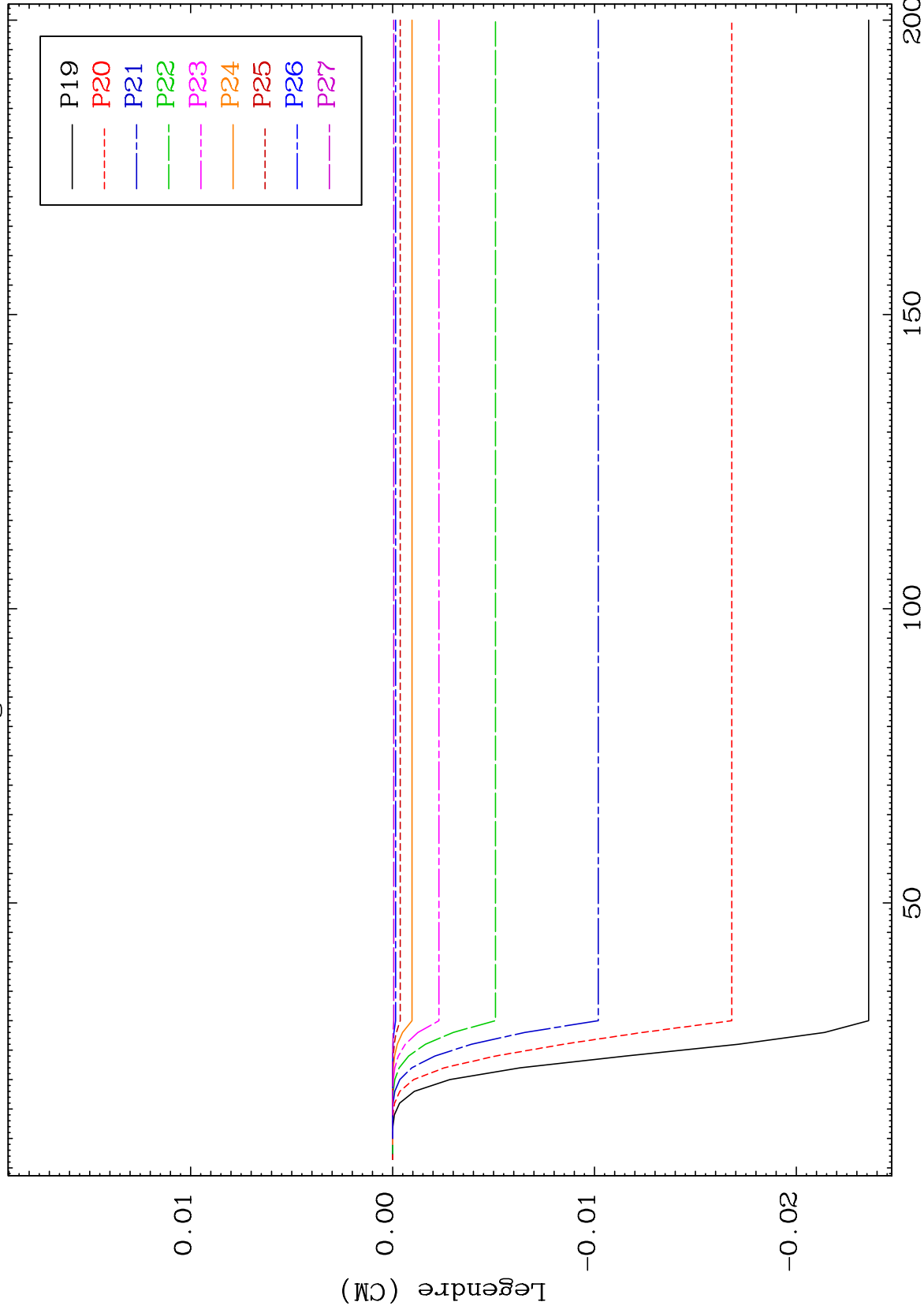
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

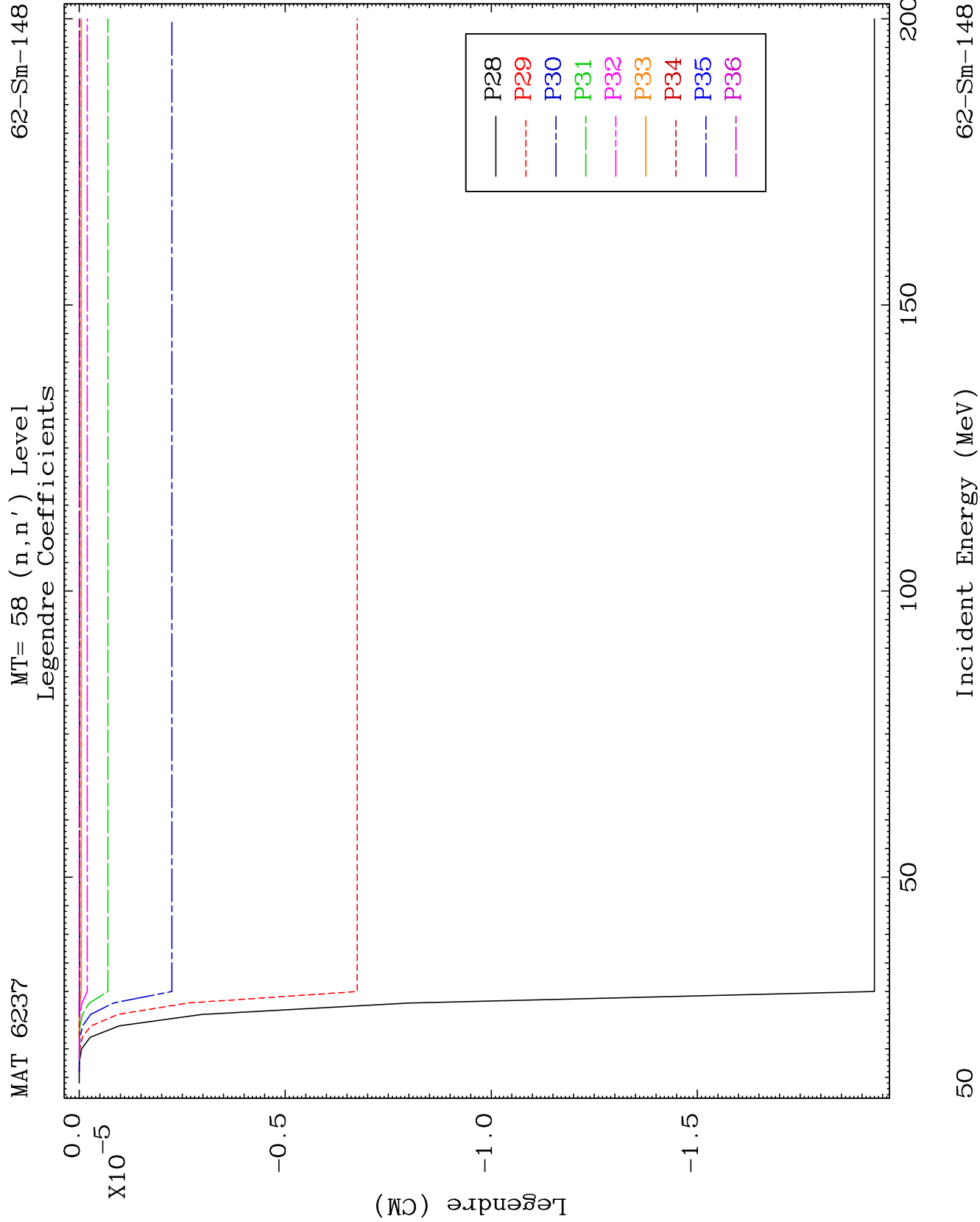
62-Sm-148



49

Incident Energy (MeV)

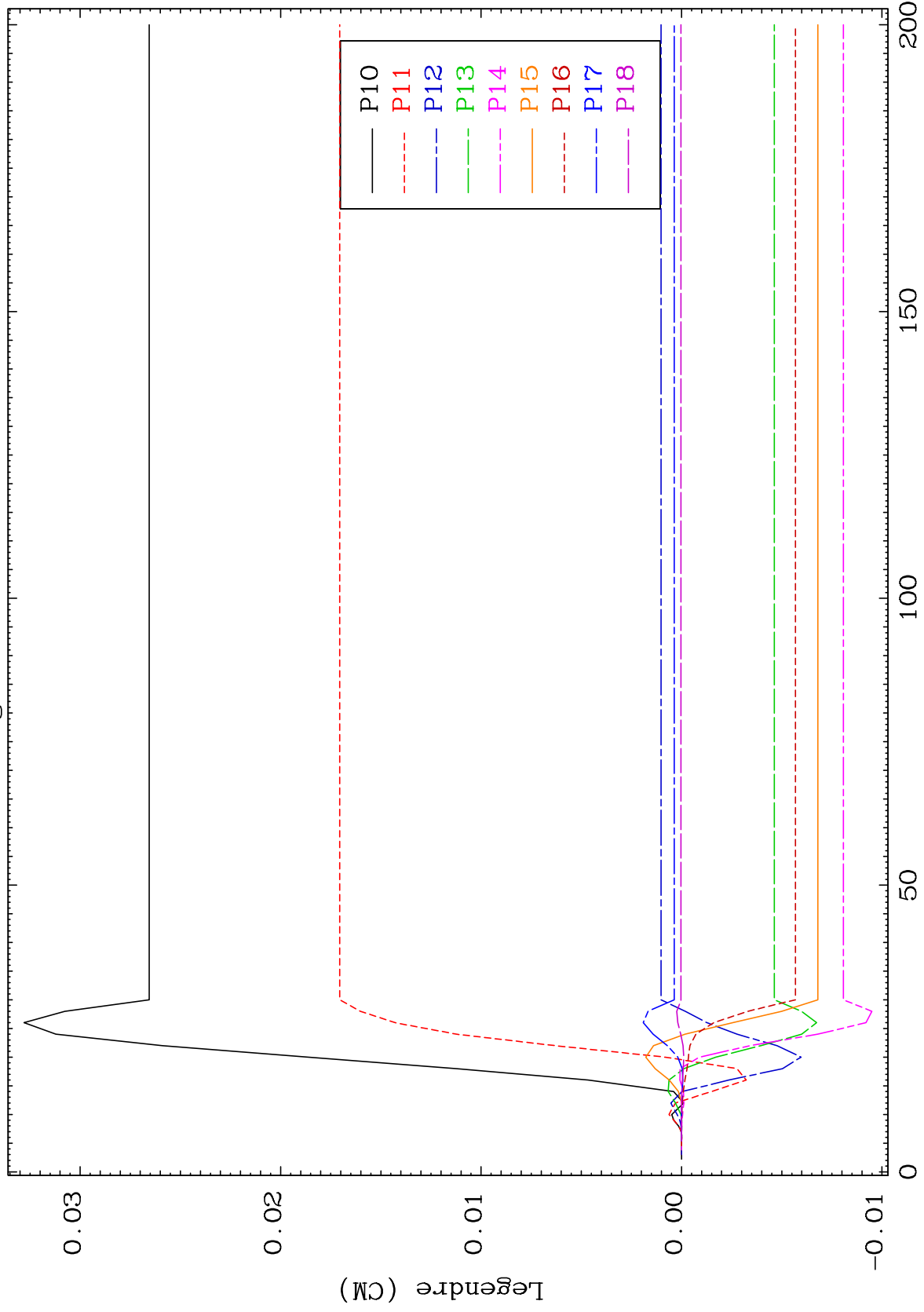
62-Sm-148



MAT 6237

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

62-Sm-148



52

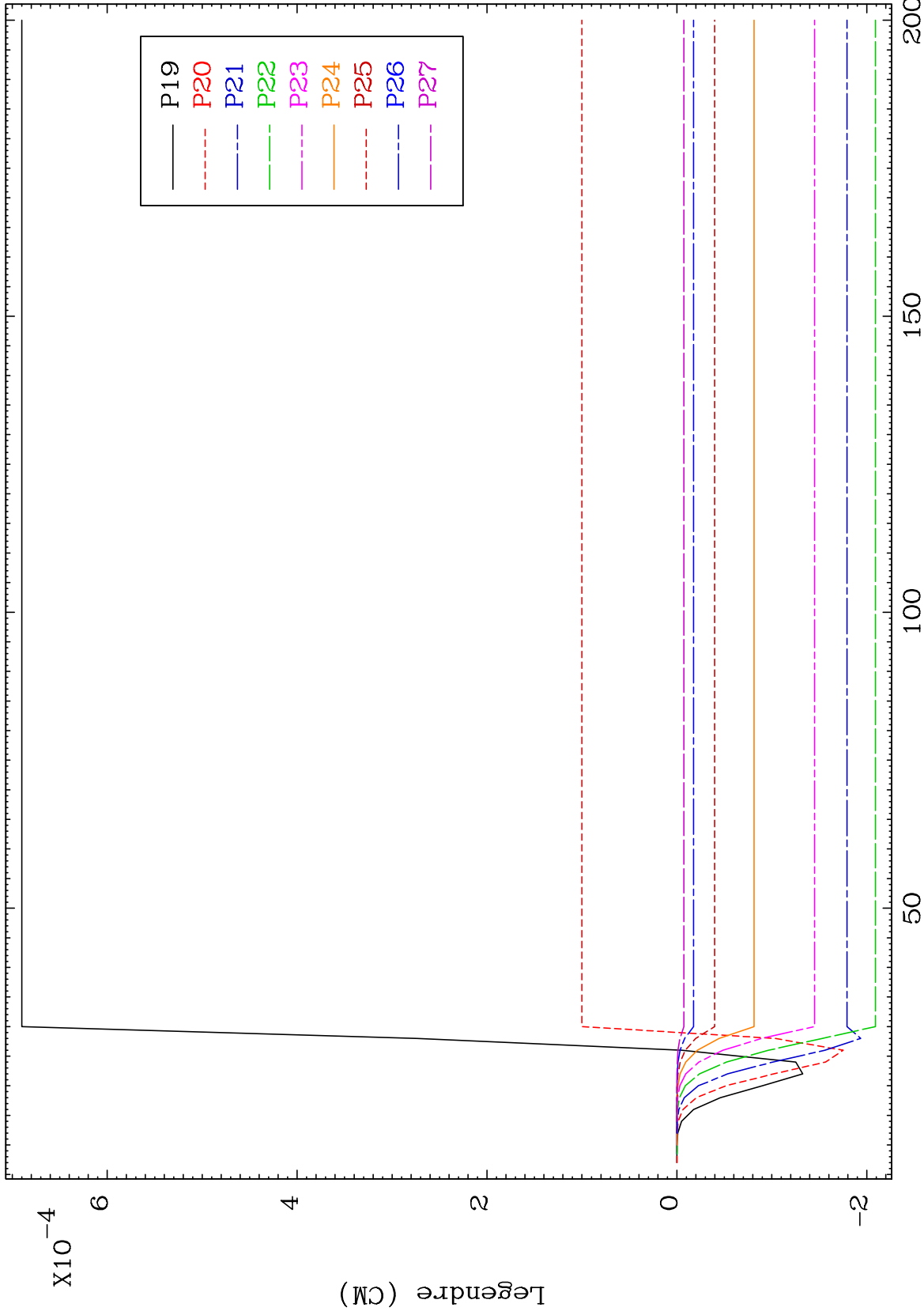
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

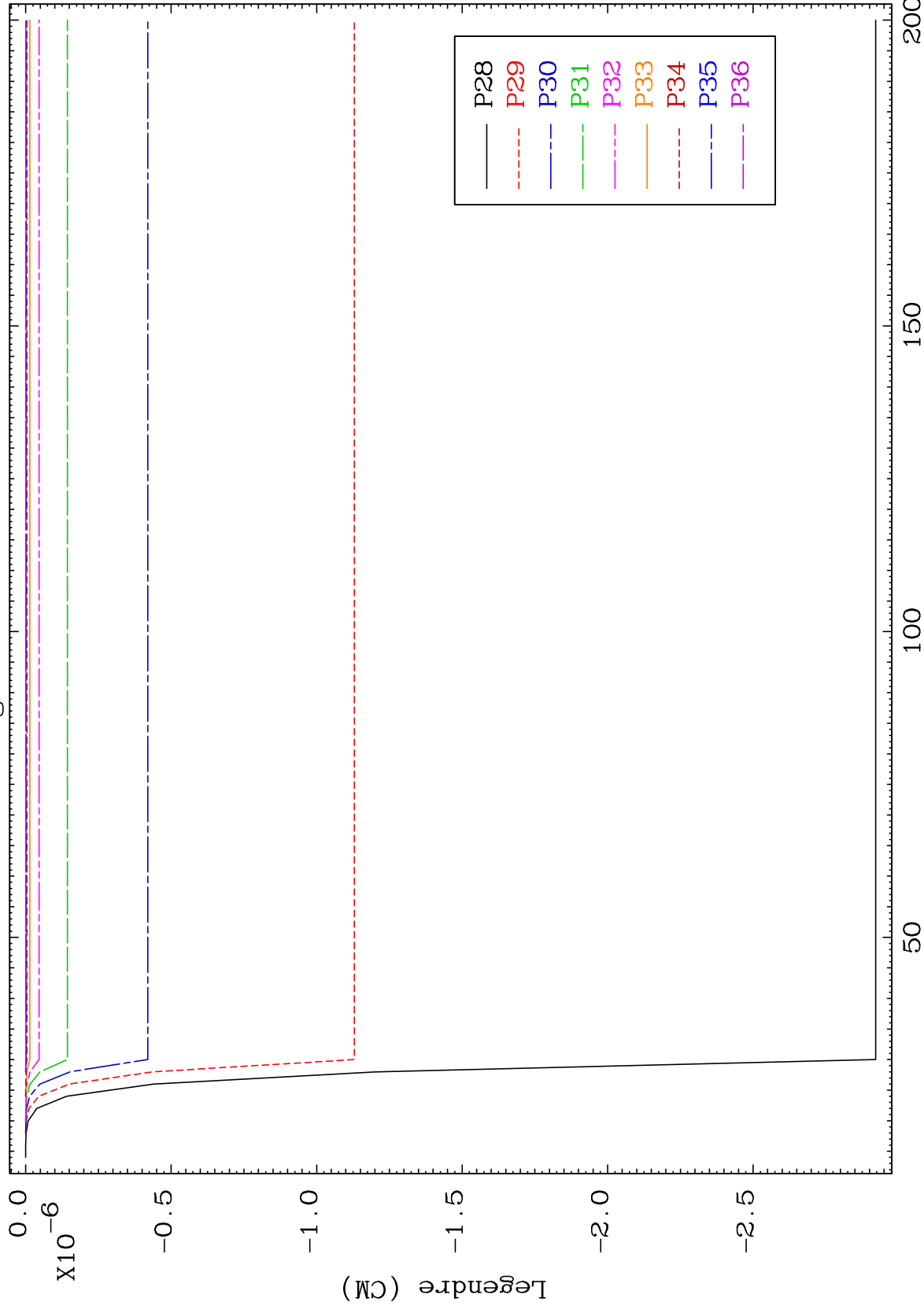
62-Sm-148

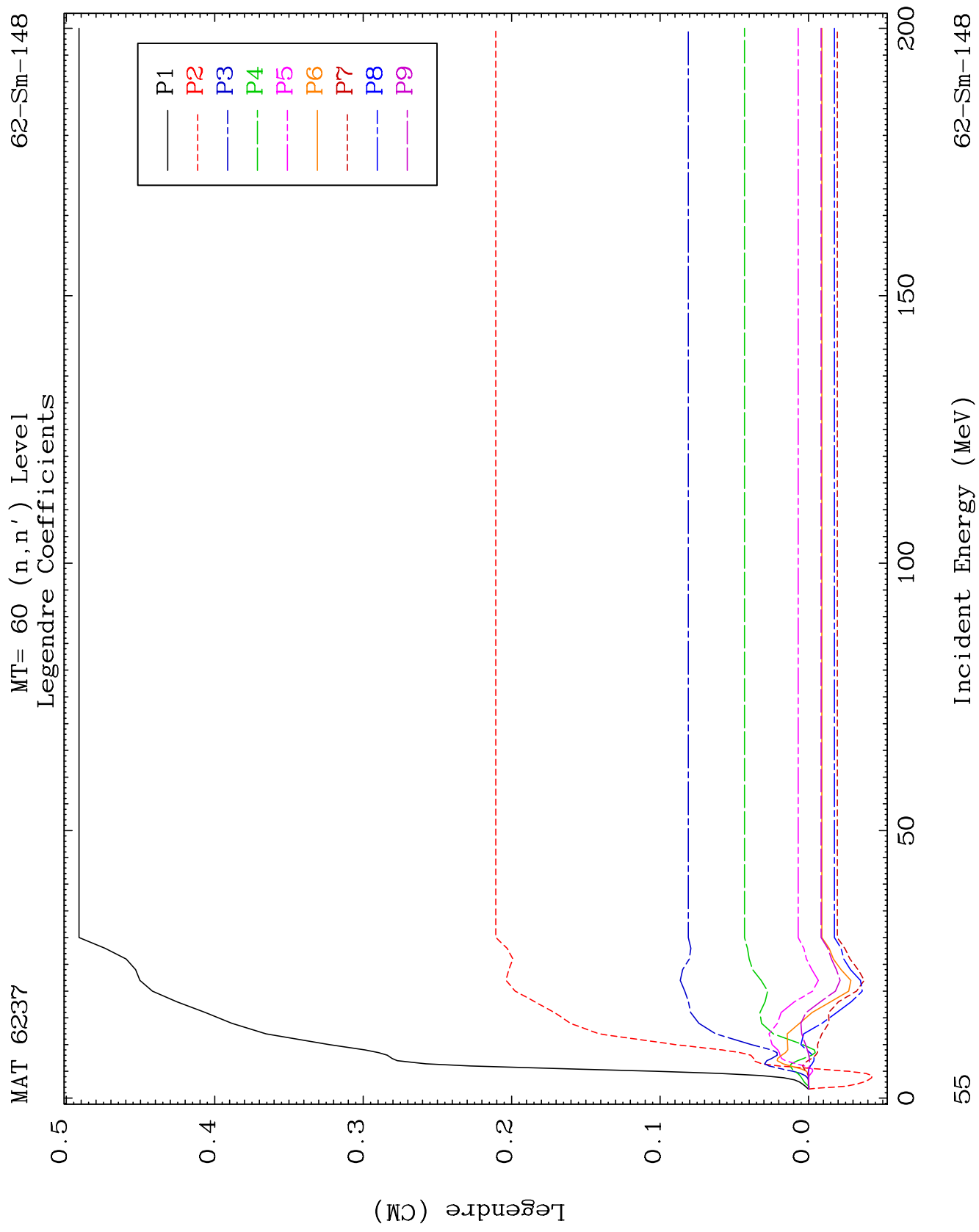


53

Incident Energy (MeV)

62-Sm-148

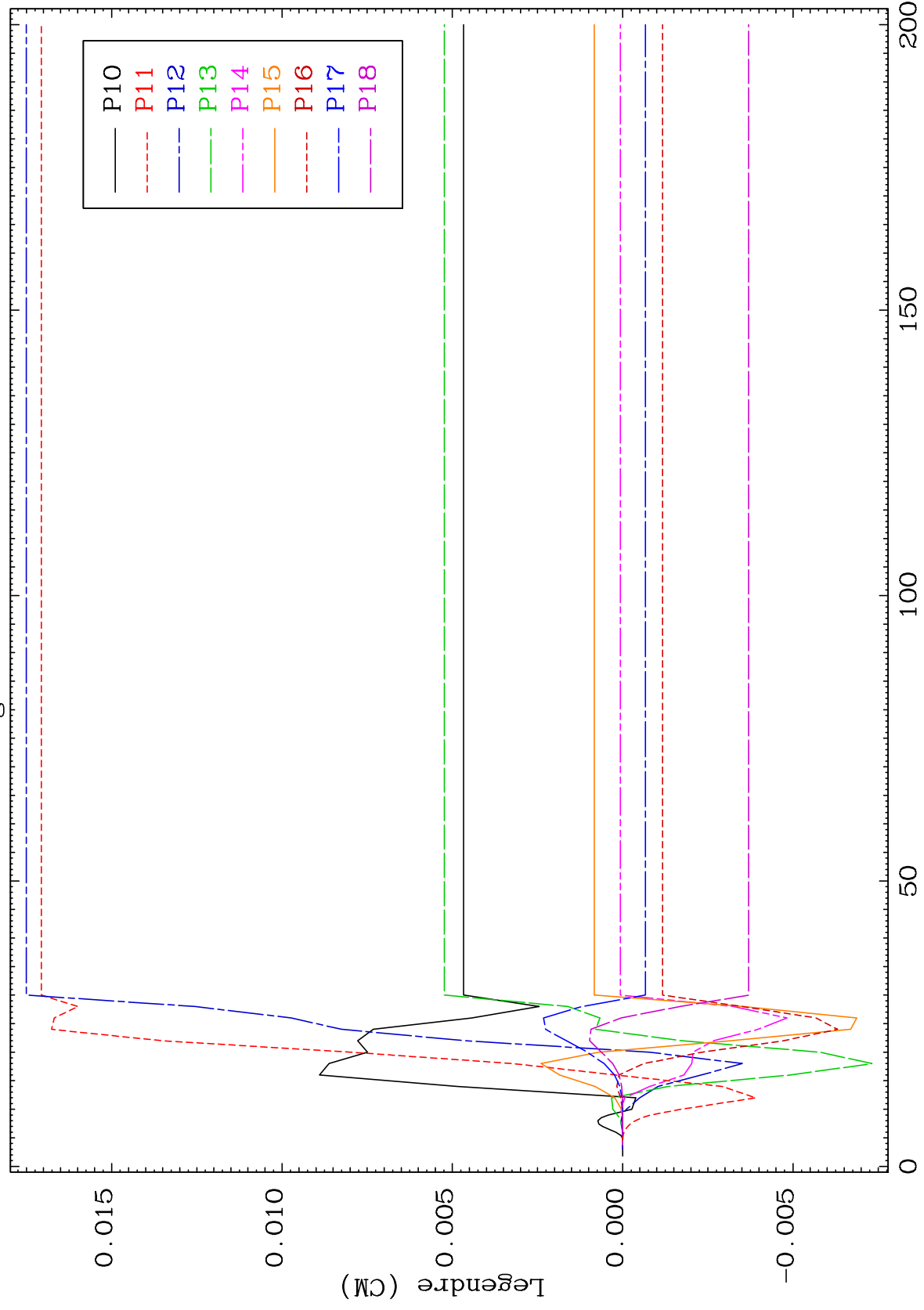




MAT 6237

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

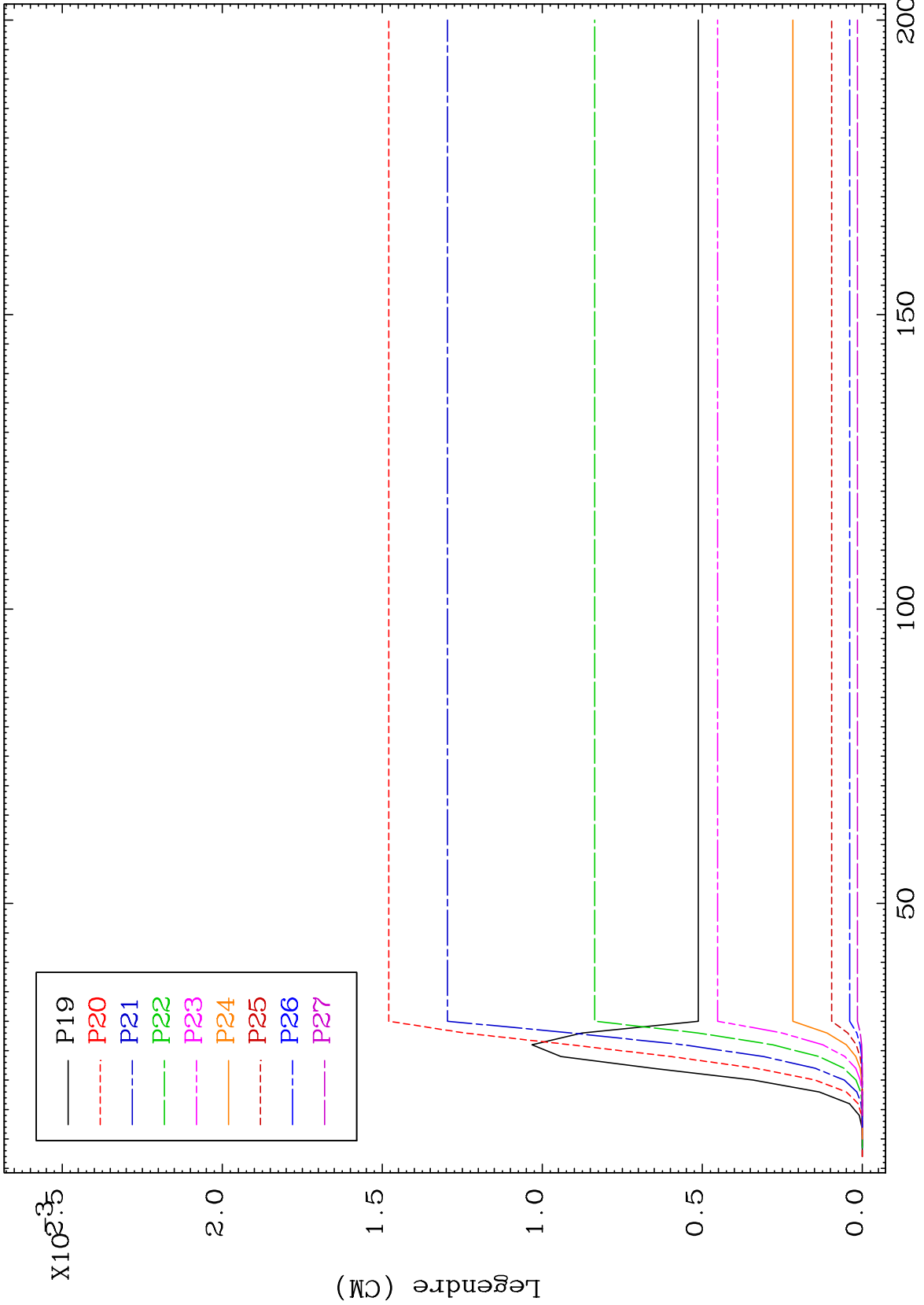
62-Sm-148

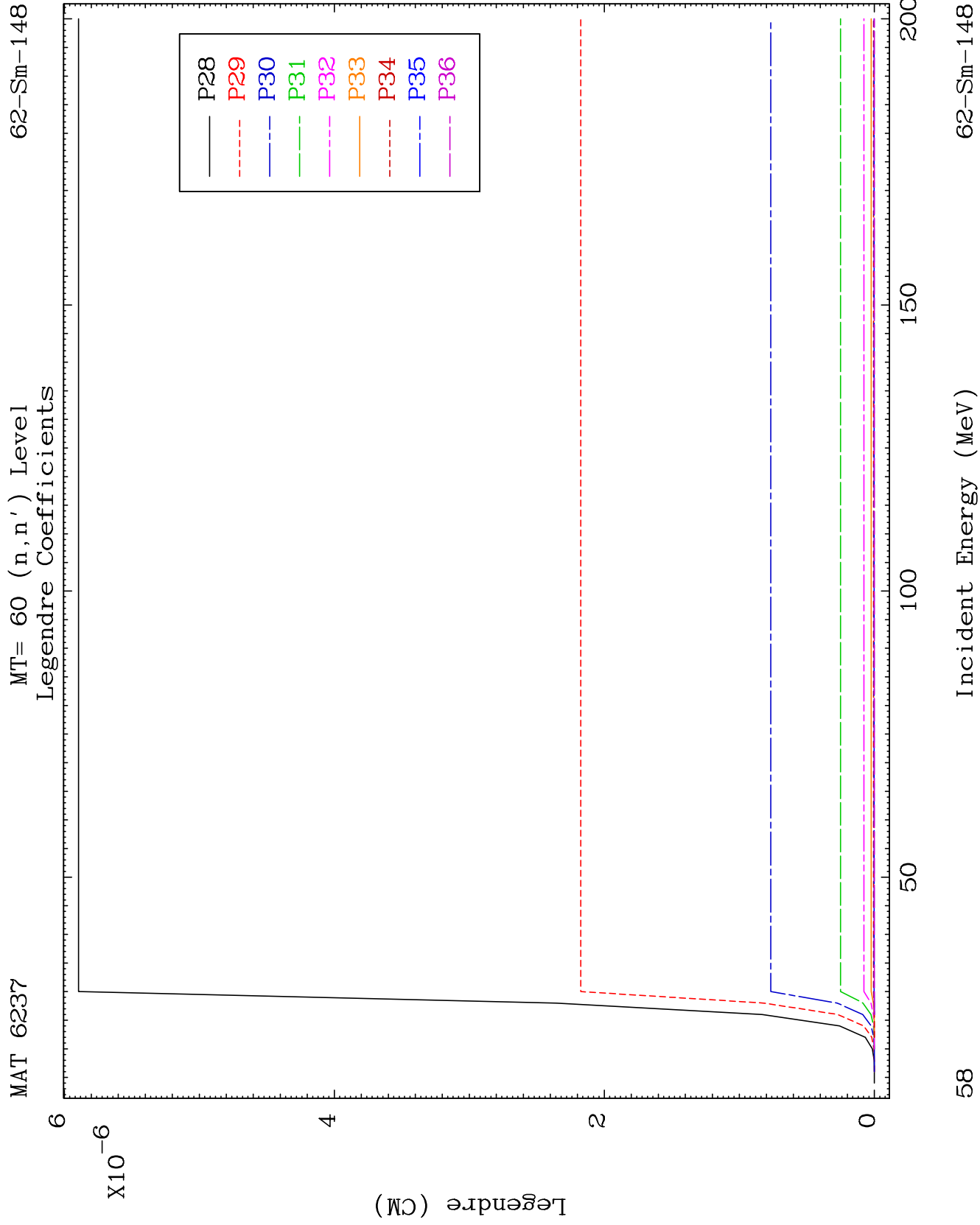


95

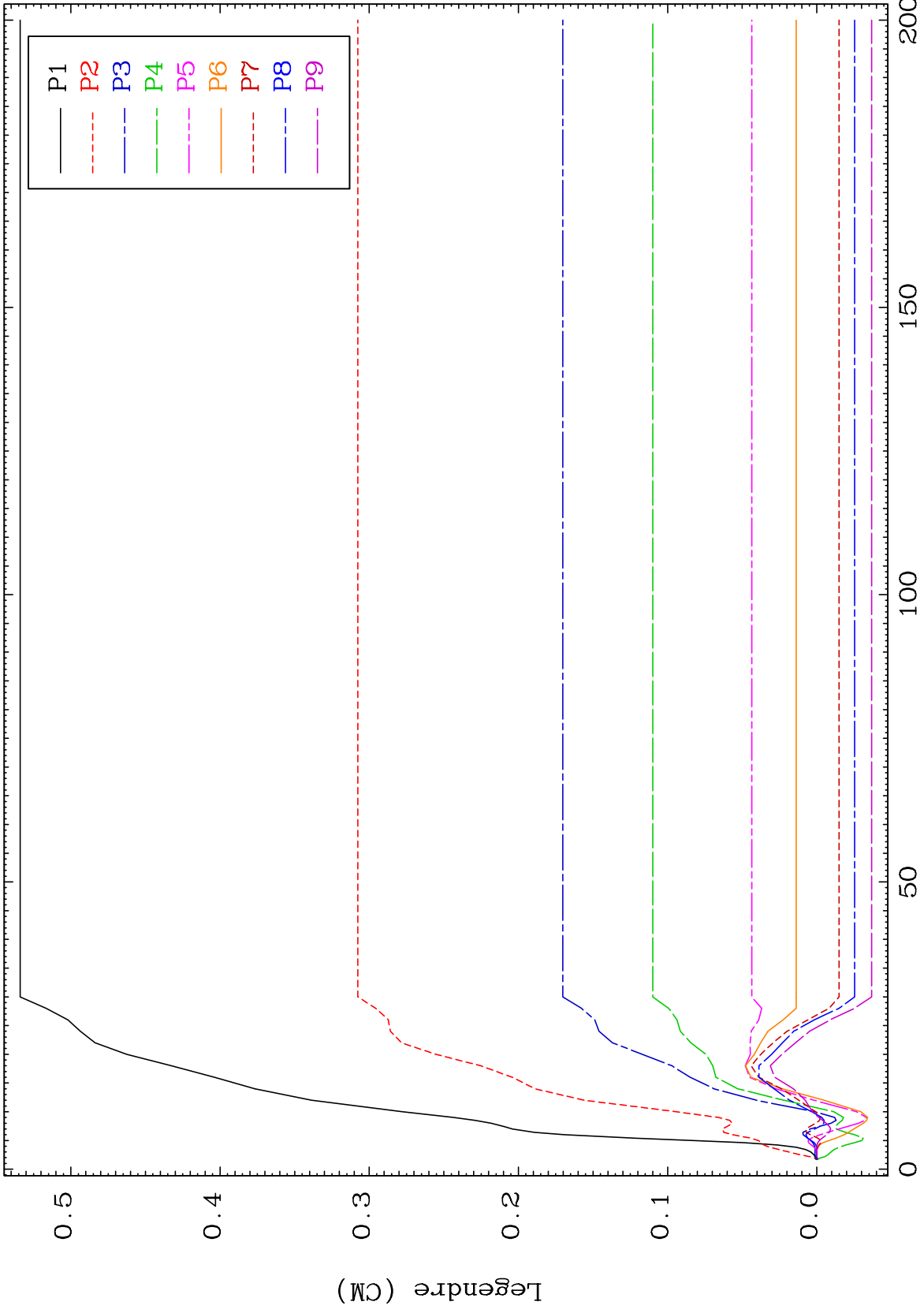
Incident Energy (MeV)

62-Sm-148





MAT 6237 MT= 61 (n,n') Level 62-Sm-148
Legendre Coefficients

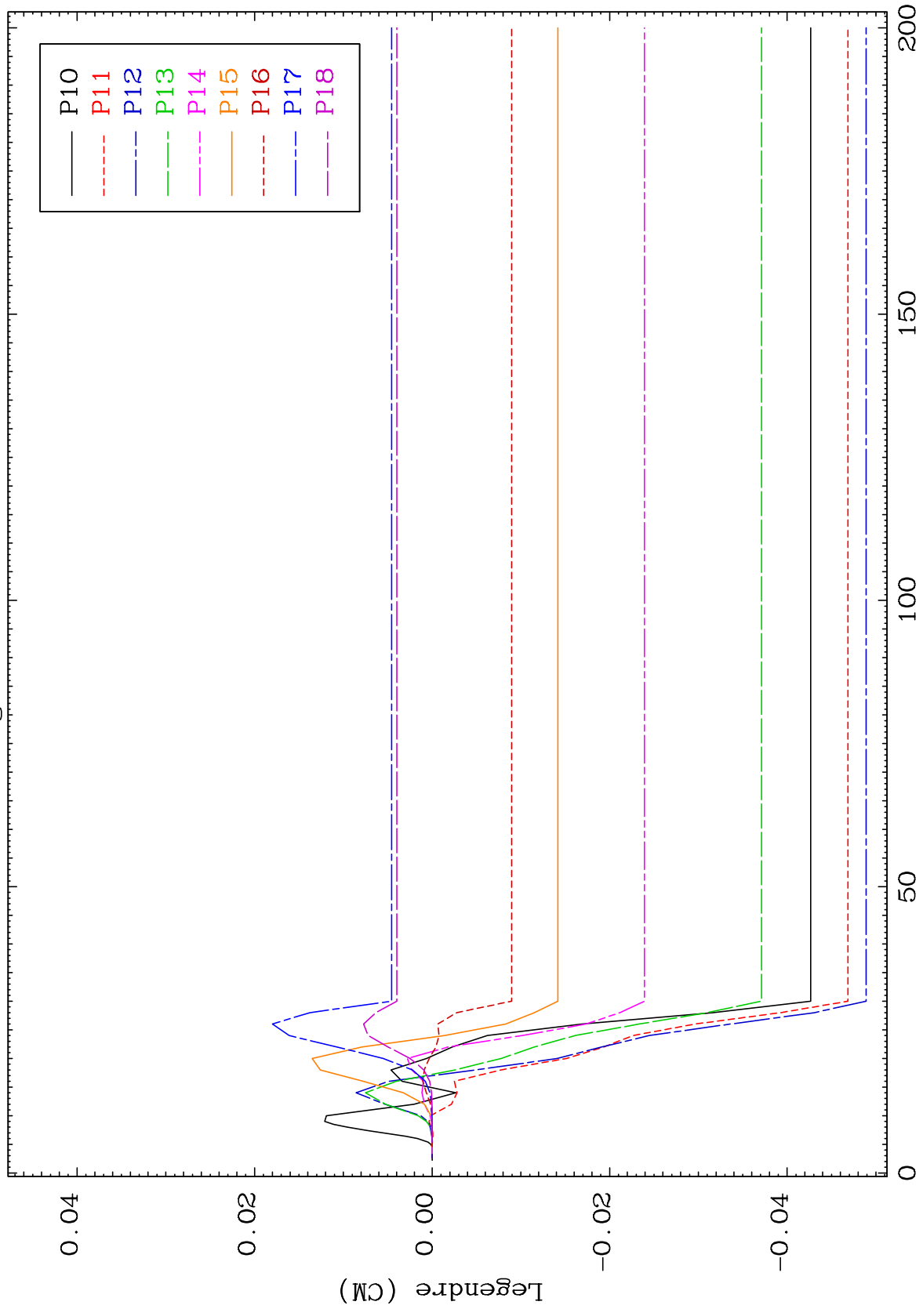


59 62-Sm-148

MAT 6237

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

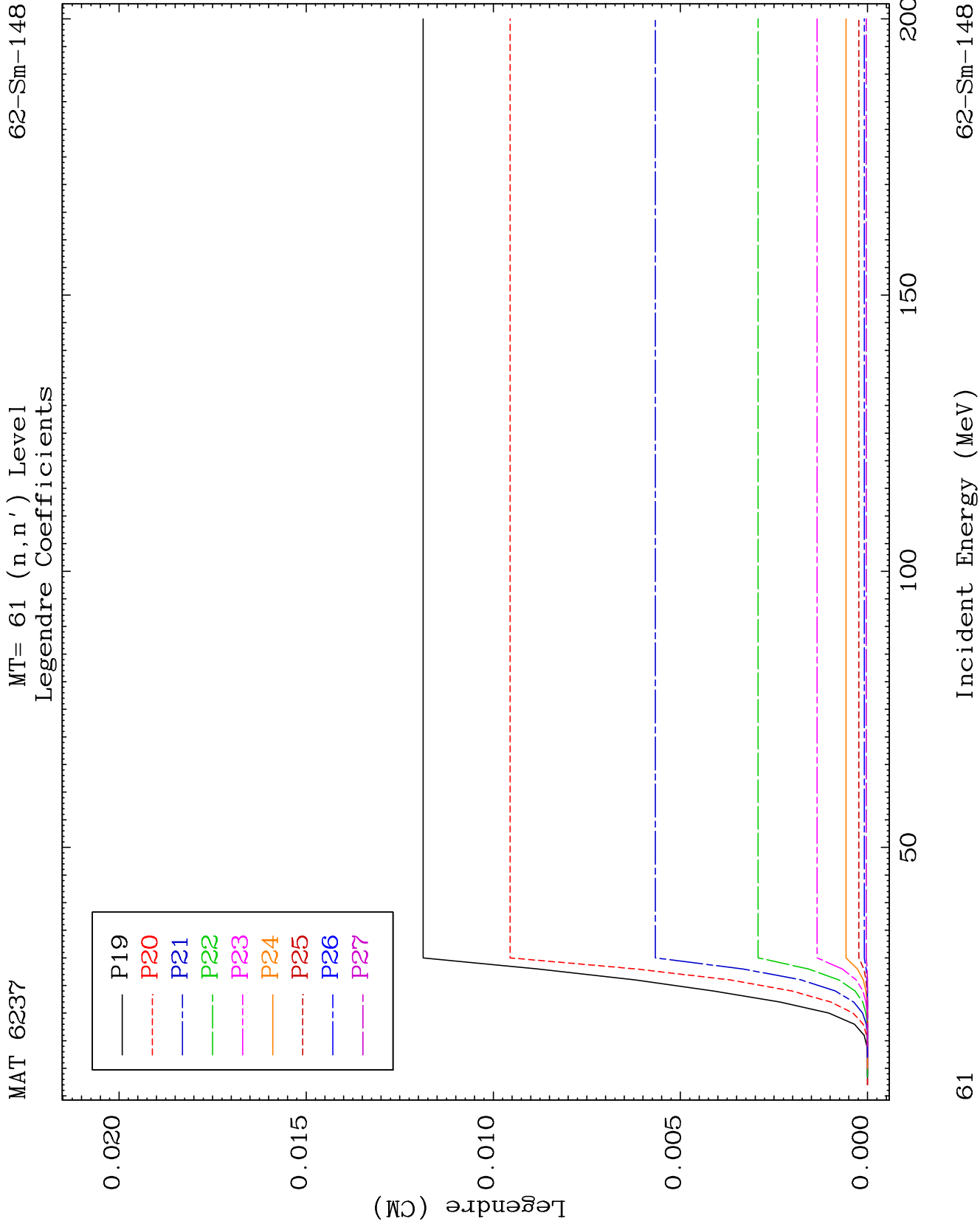
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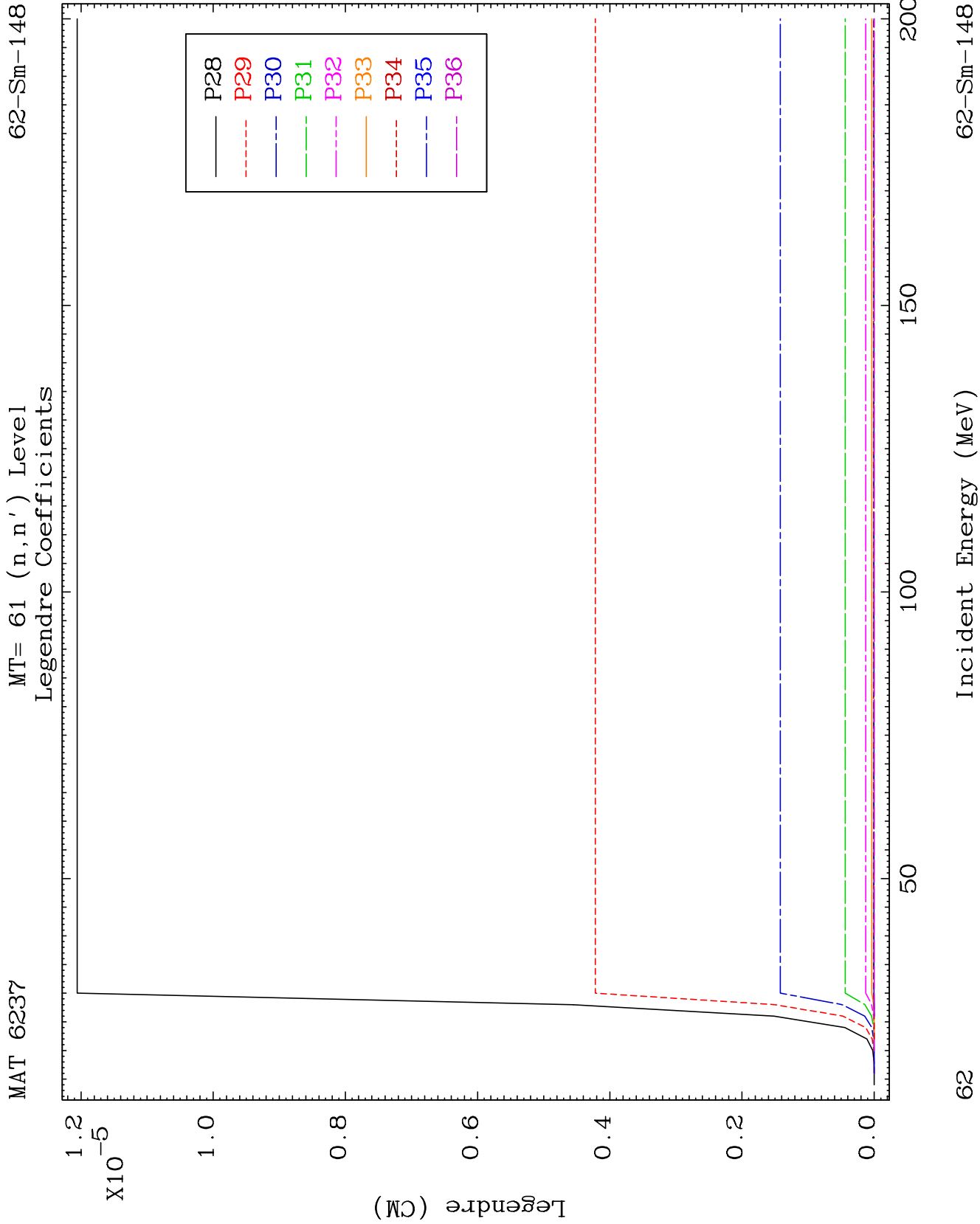


69

Incident Energy (MeV)

62-Sm-148

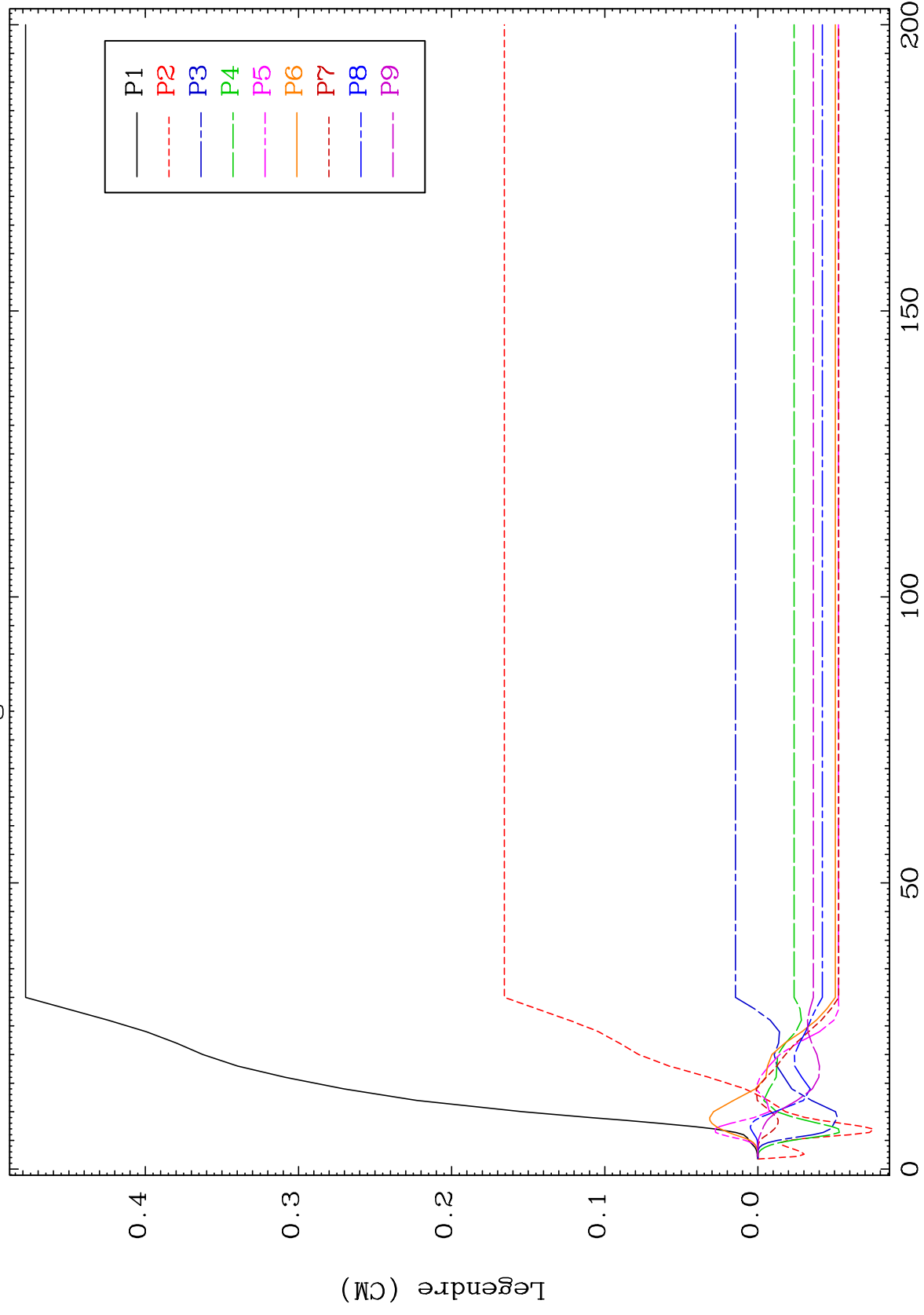




MAT 6237

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

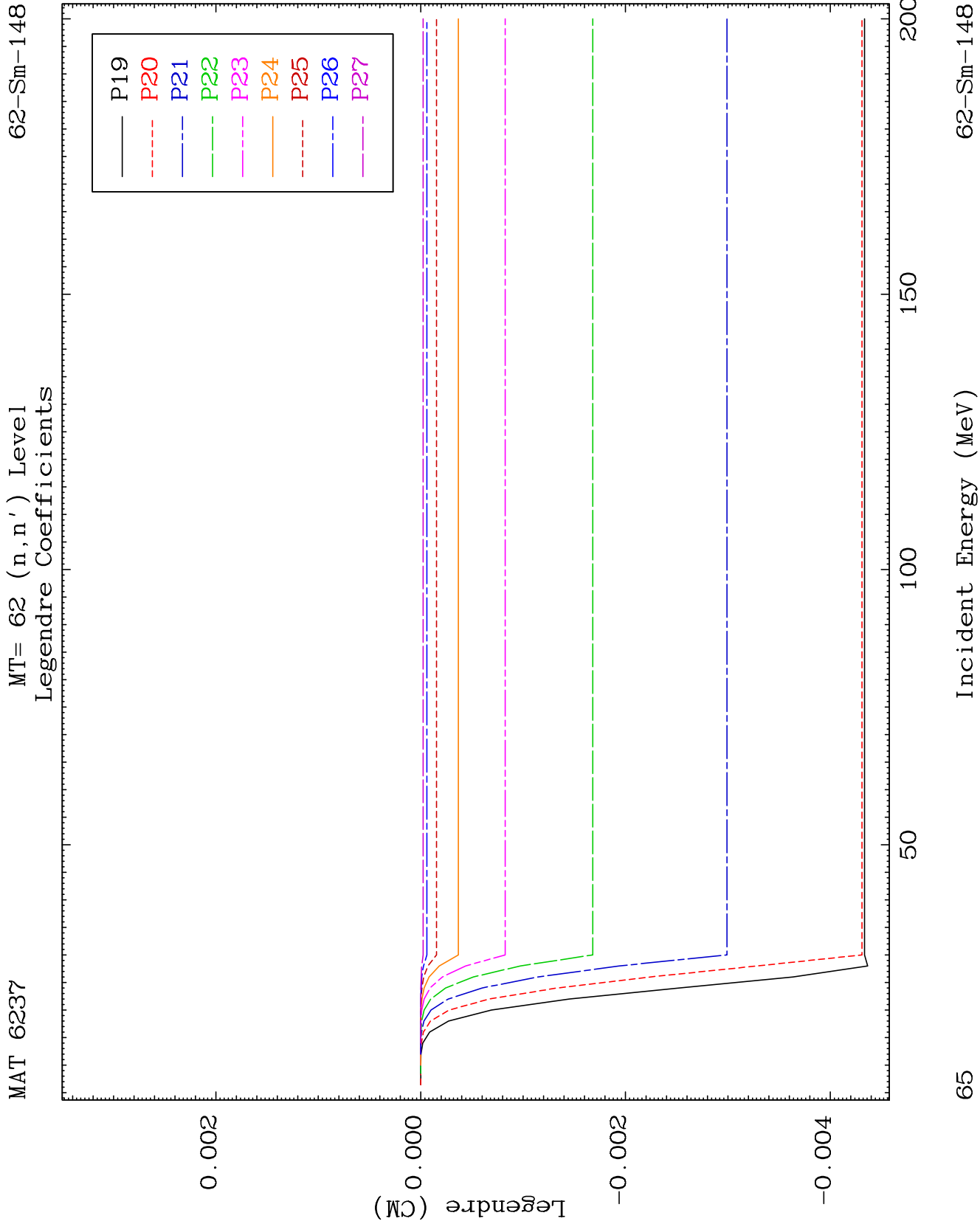
62-Sm-148



36

Incident Energy (MeV)

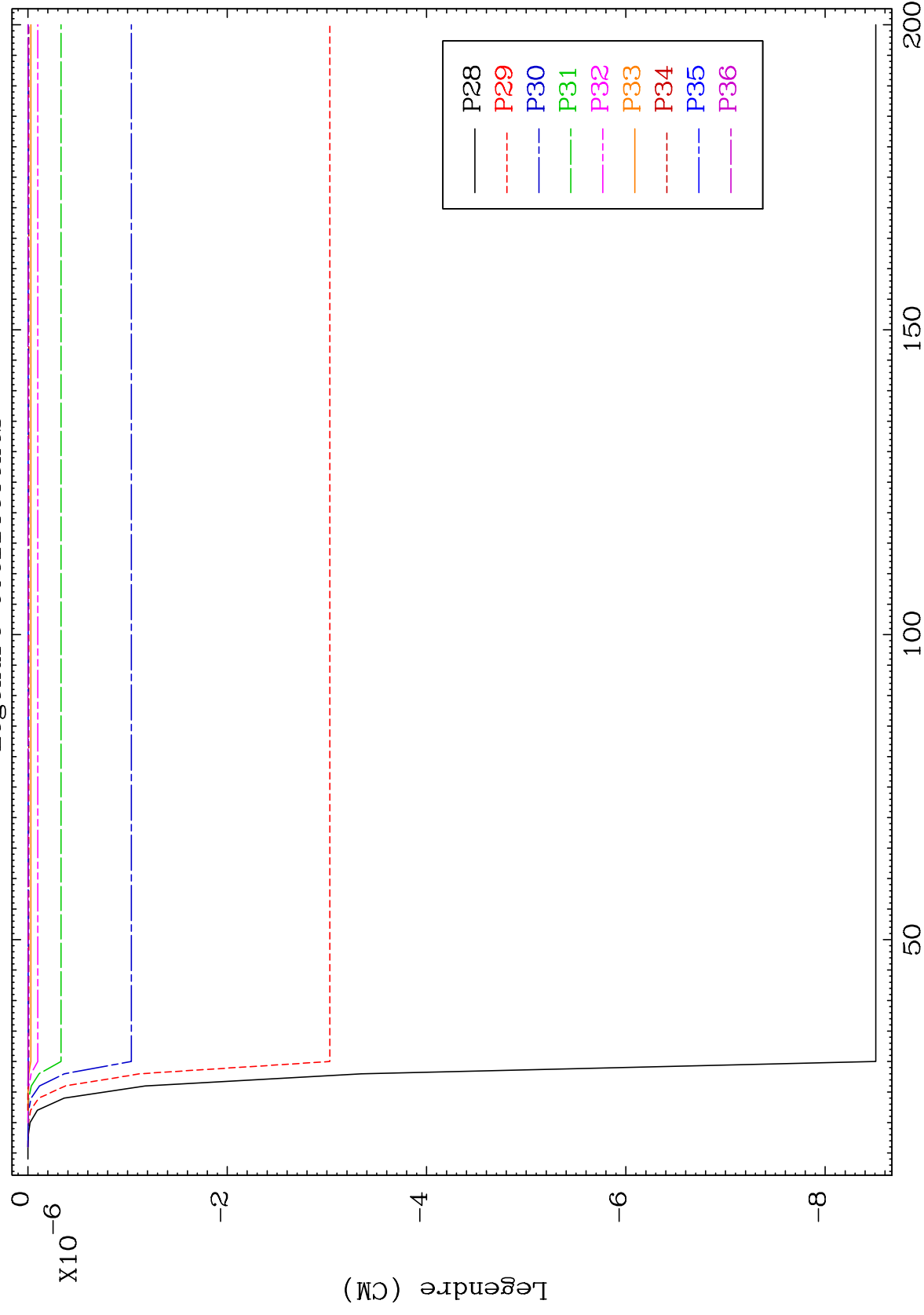
62-Sm-148



MAT 6237

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

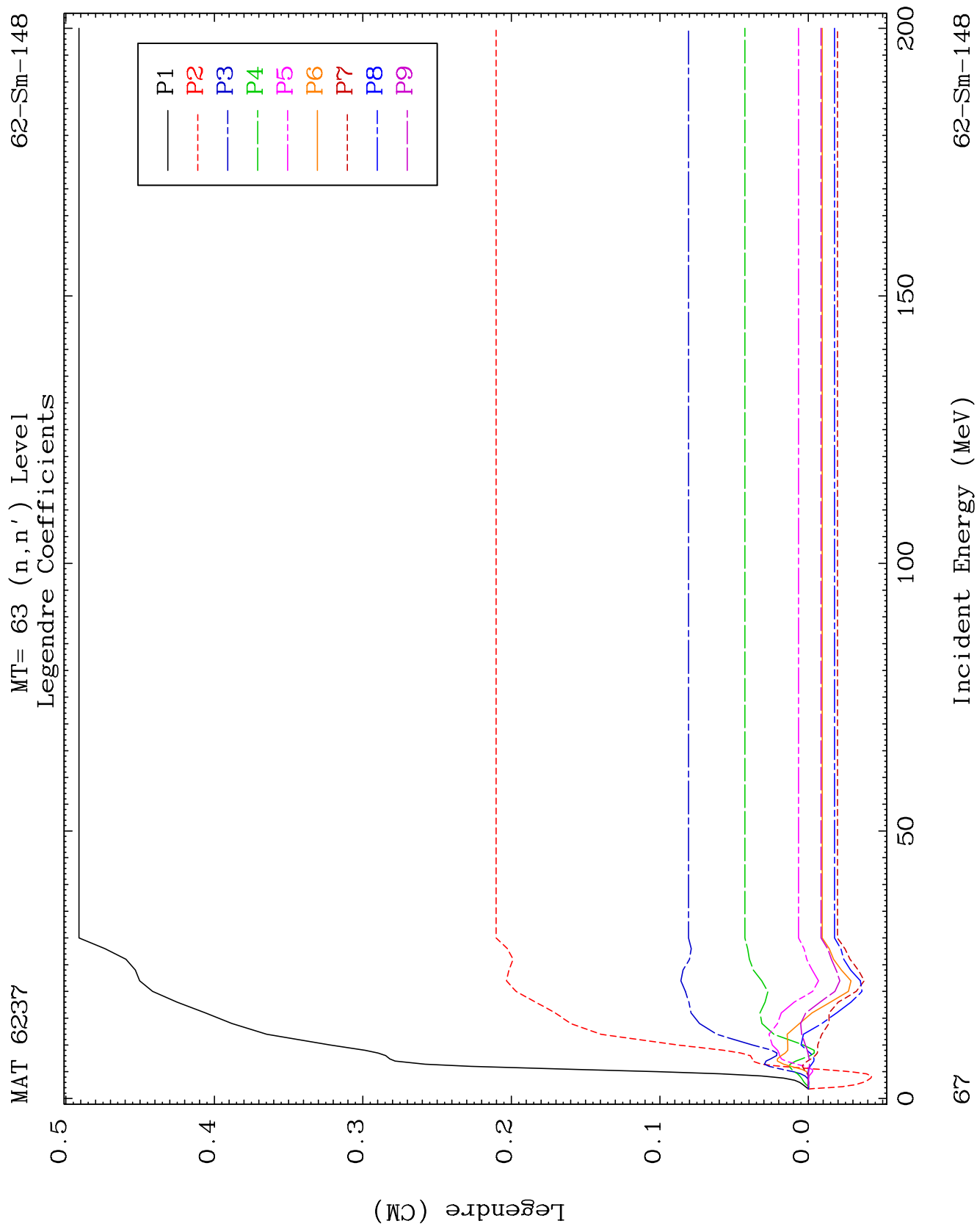
62-Sm-148



66

Incident Energy (MeV)

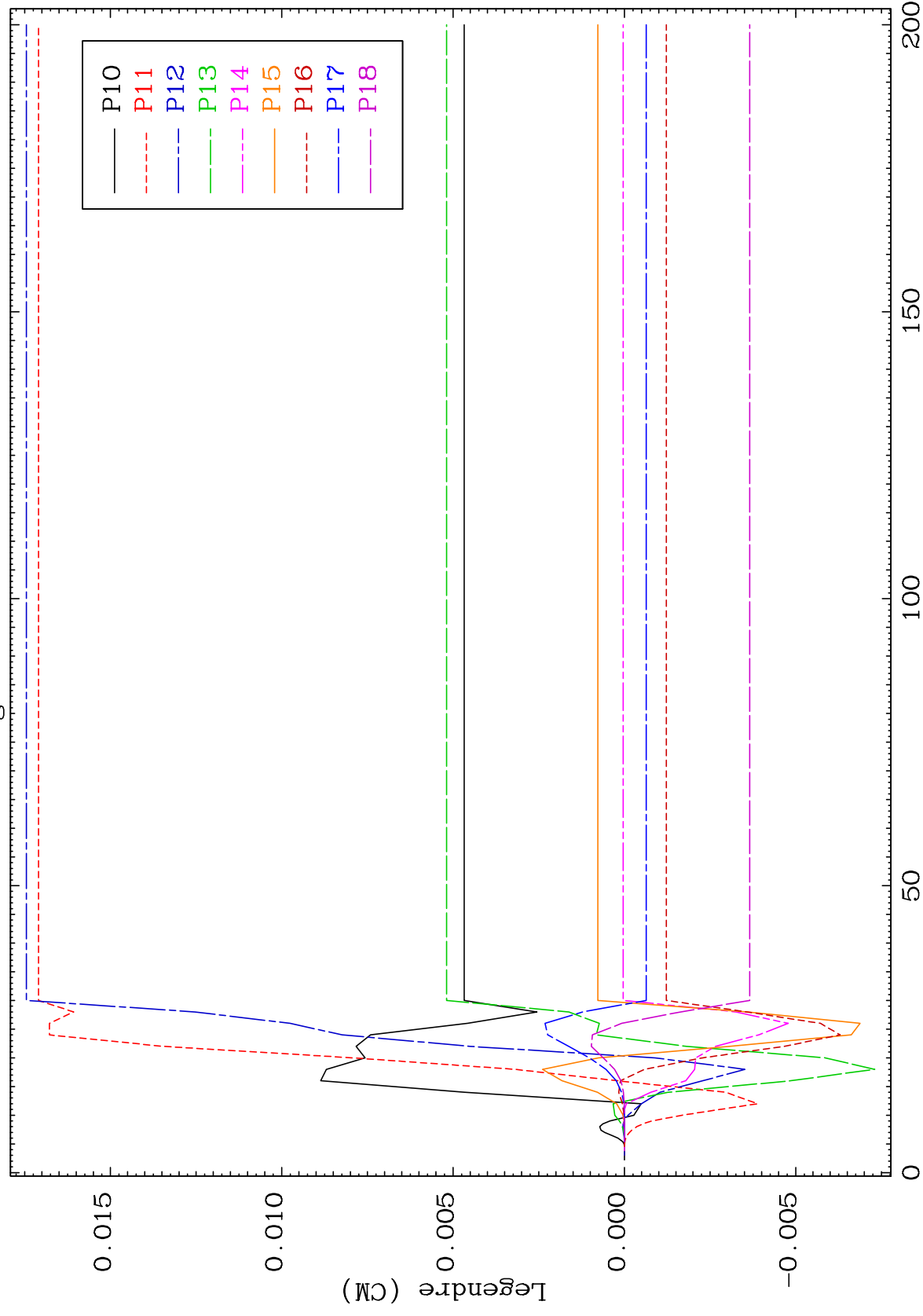
62-Sm-148



MAT 6237

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

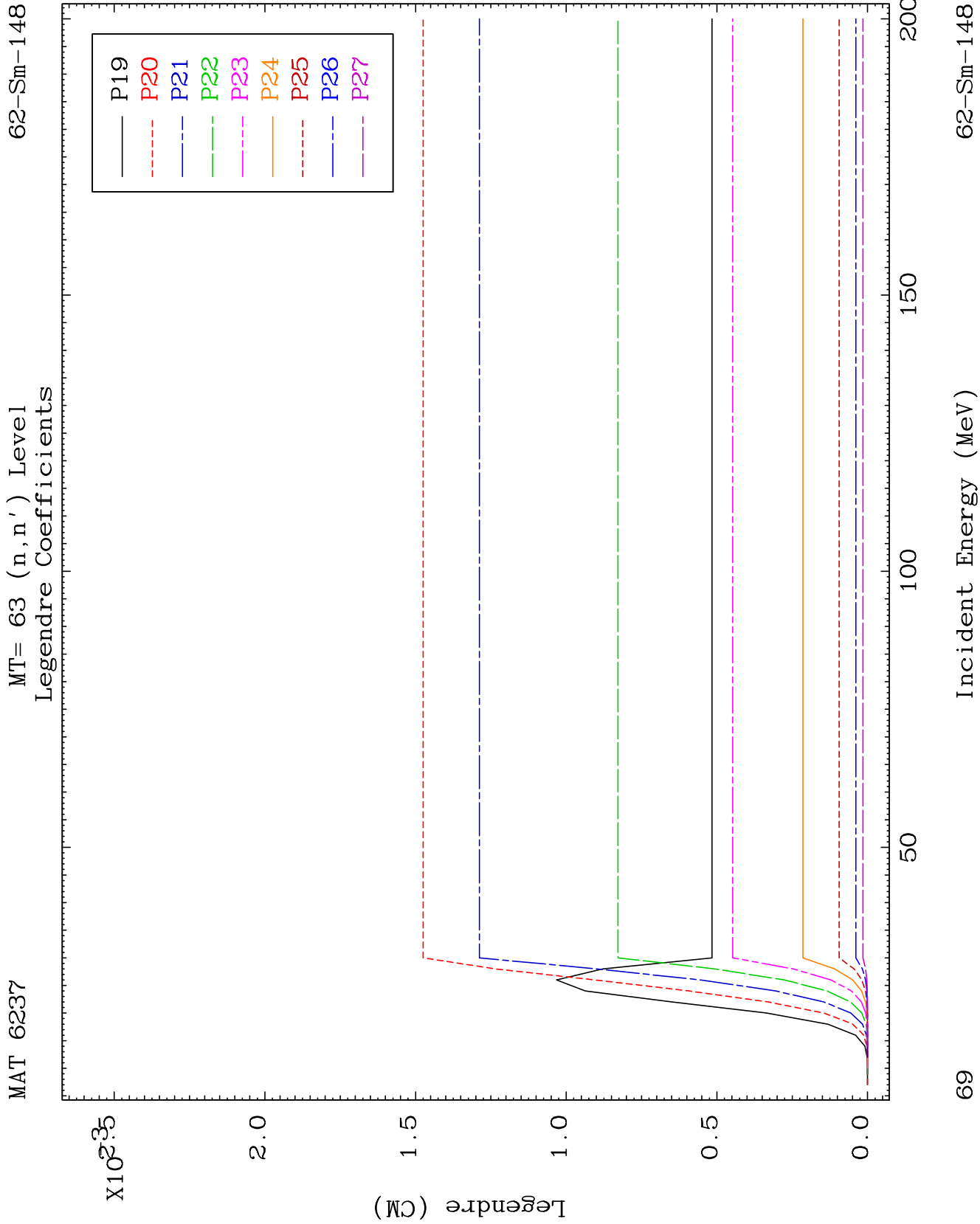
62-Sm-148



39

Incident Energy (MeV)

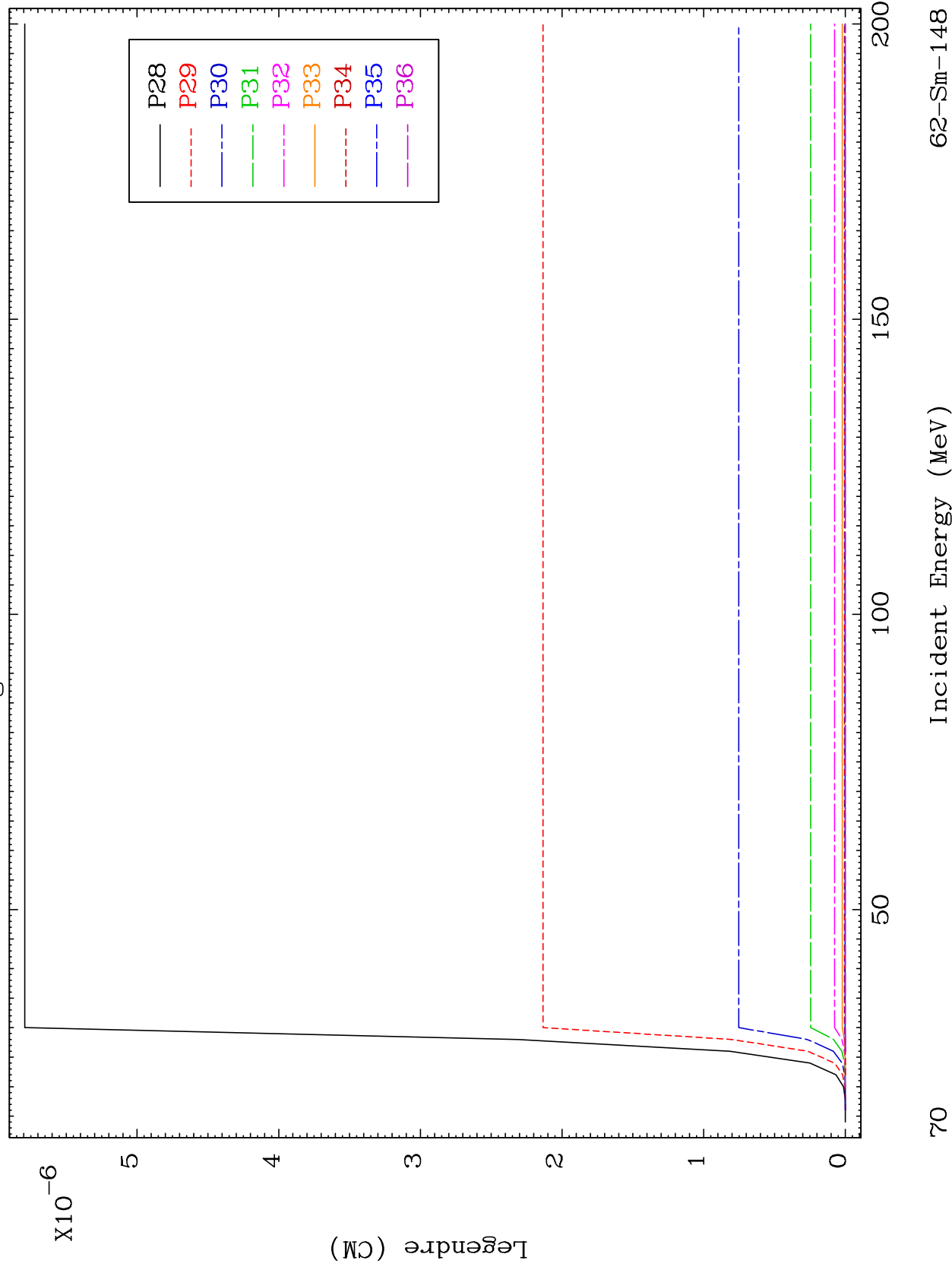
62-Sm-148

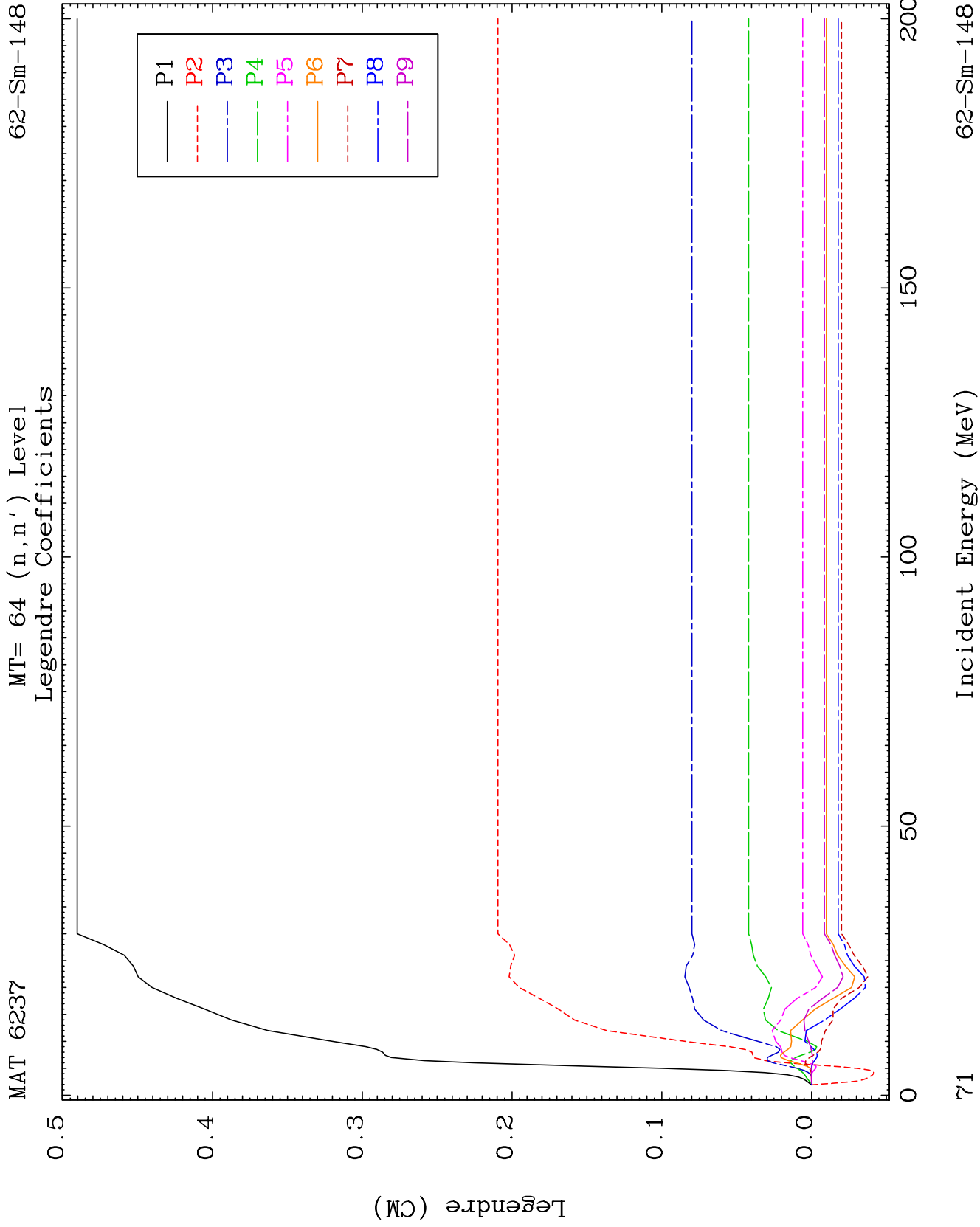


MAT 6237

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

62-Sm-148

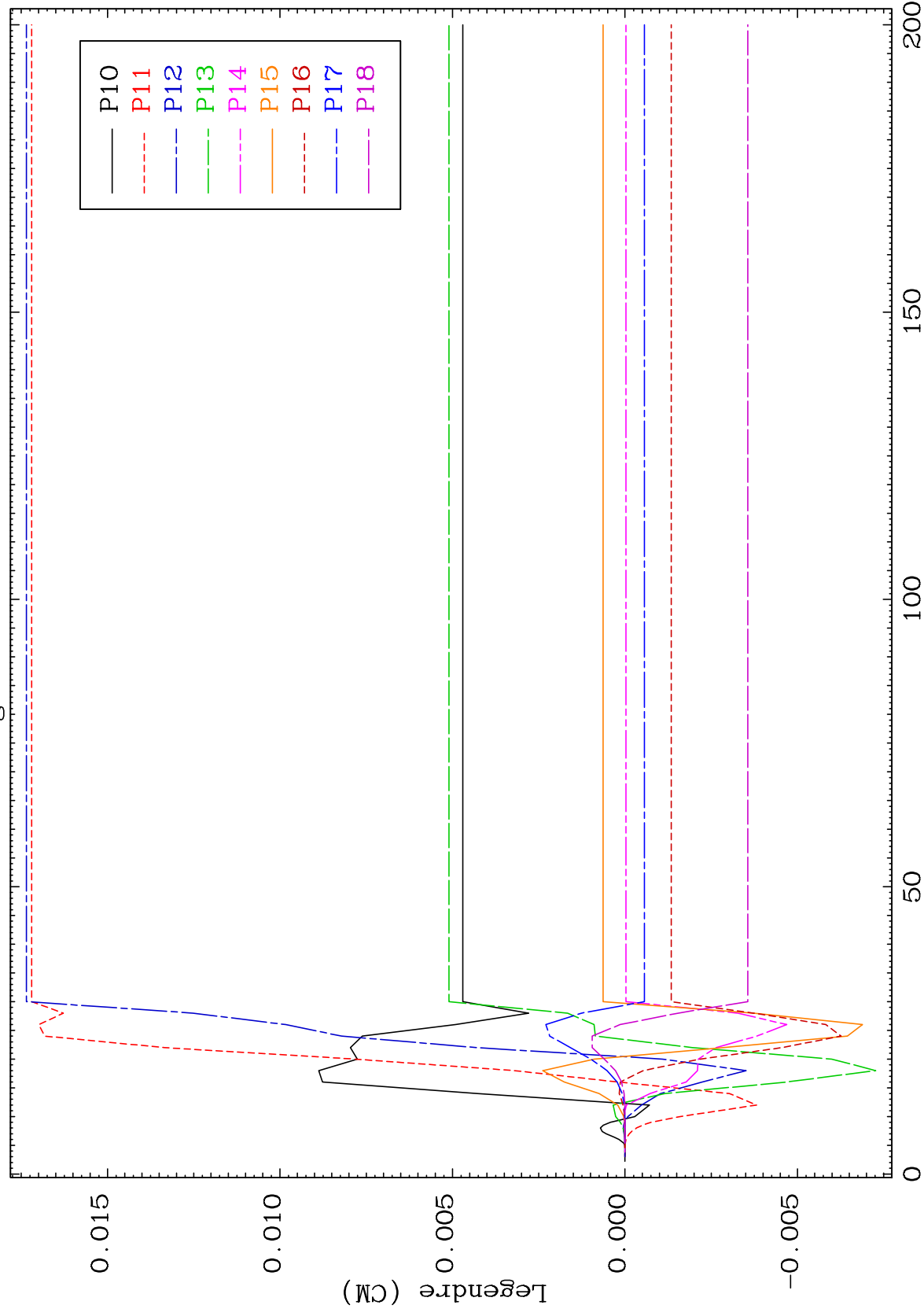




MAT 6237

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

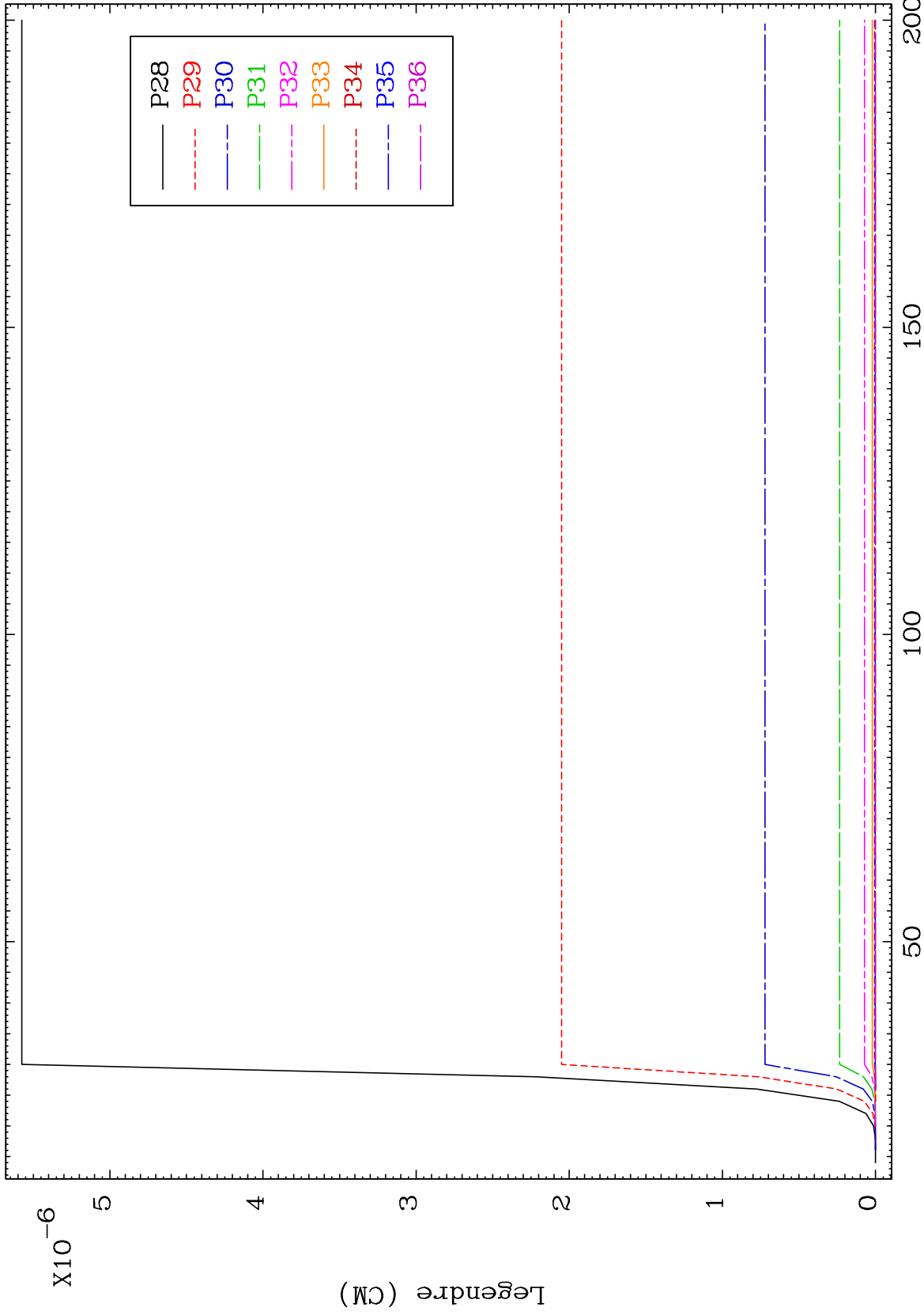
62-Sm-148

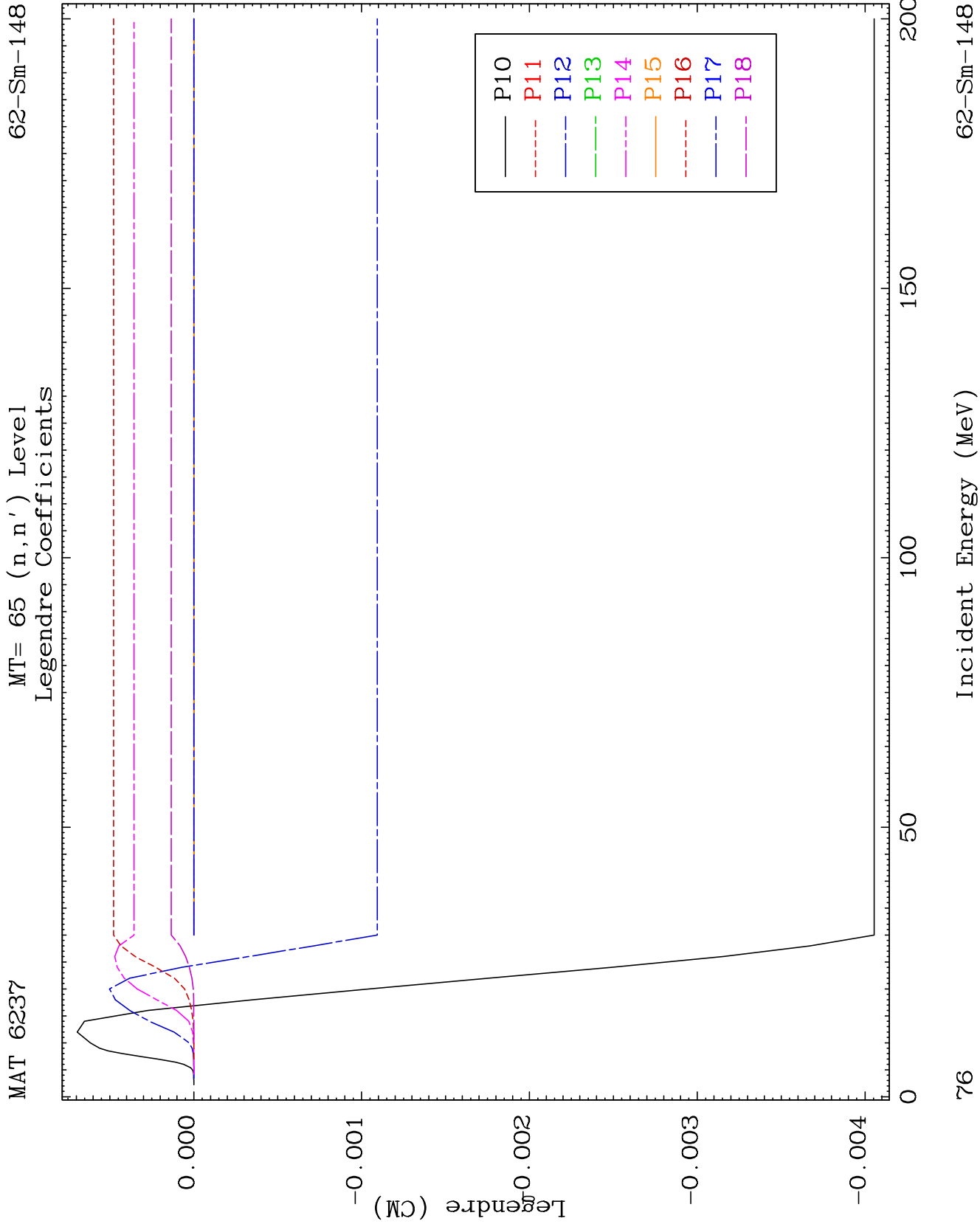


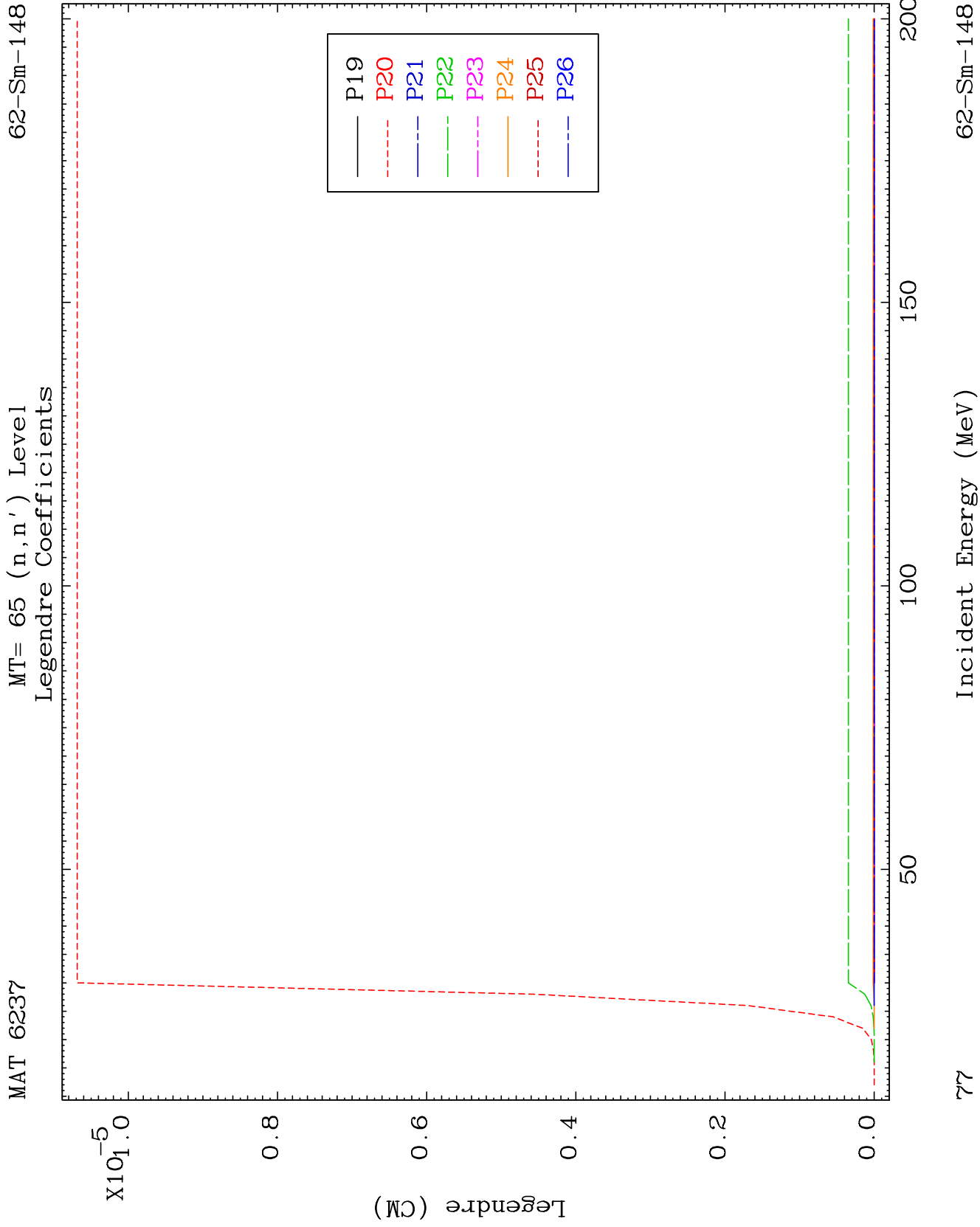
22

Incident Energy (MeV)

62-Sm-148



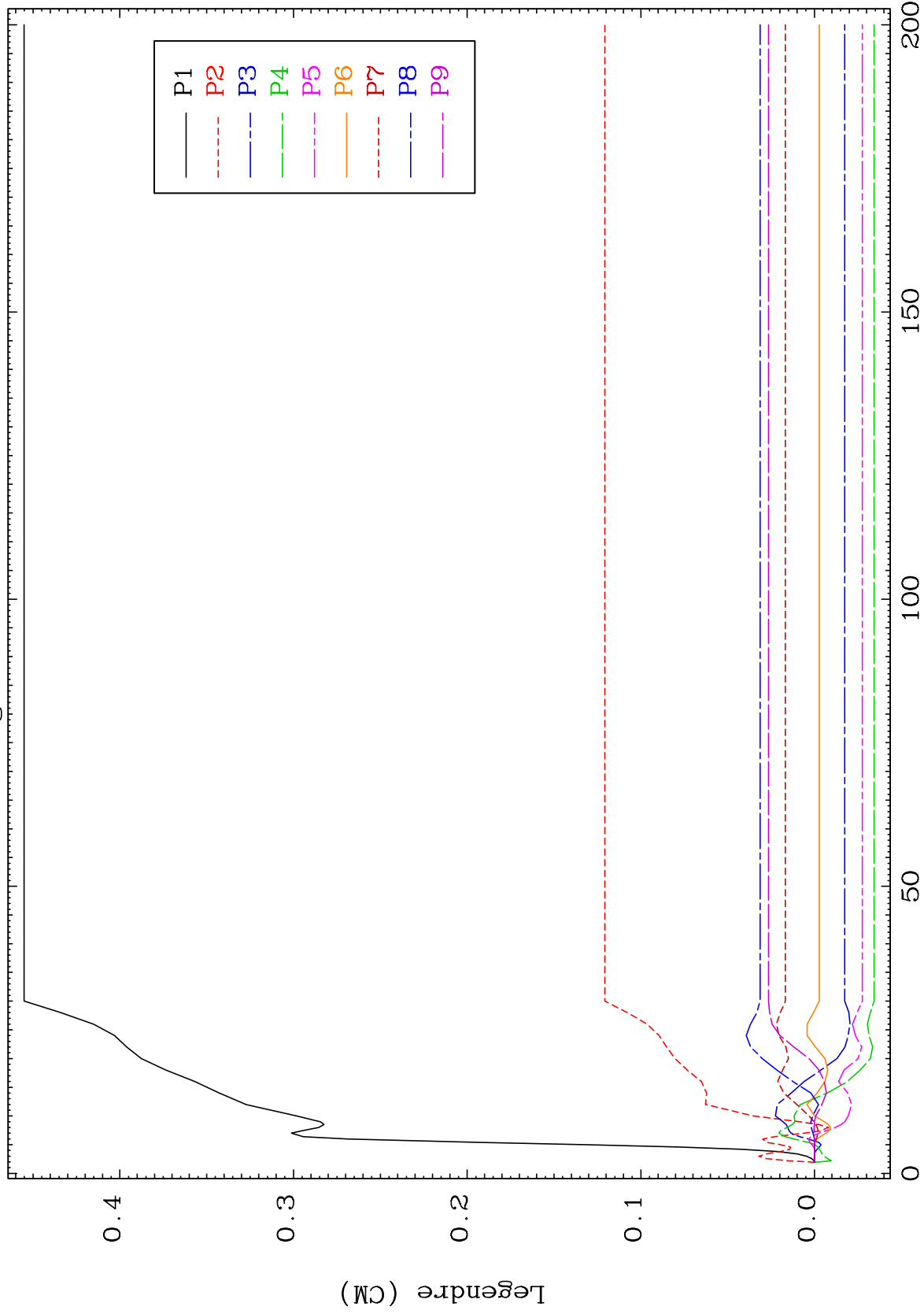




MAT 6237

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

62-Sm-148



78

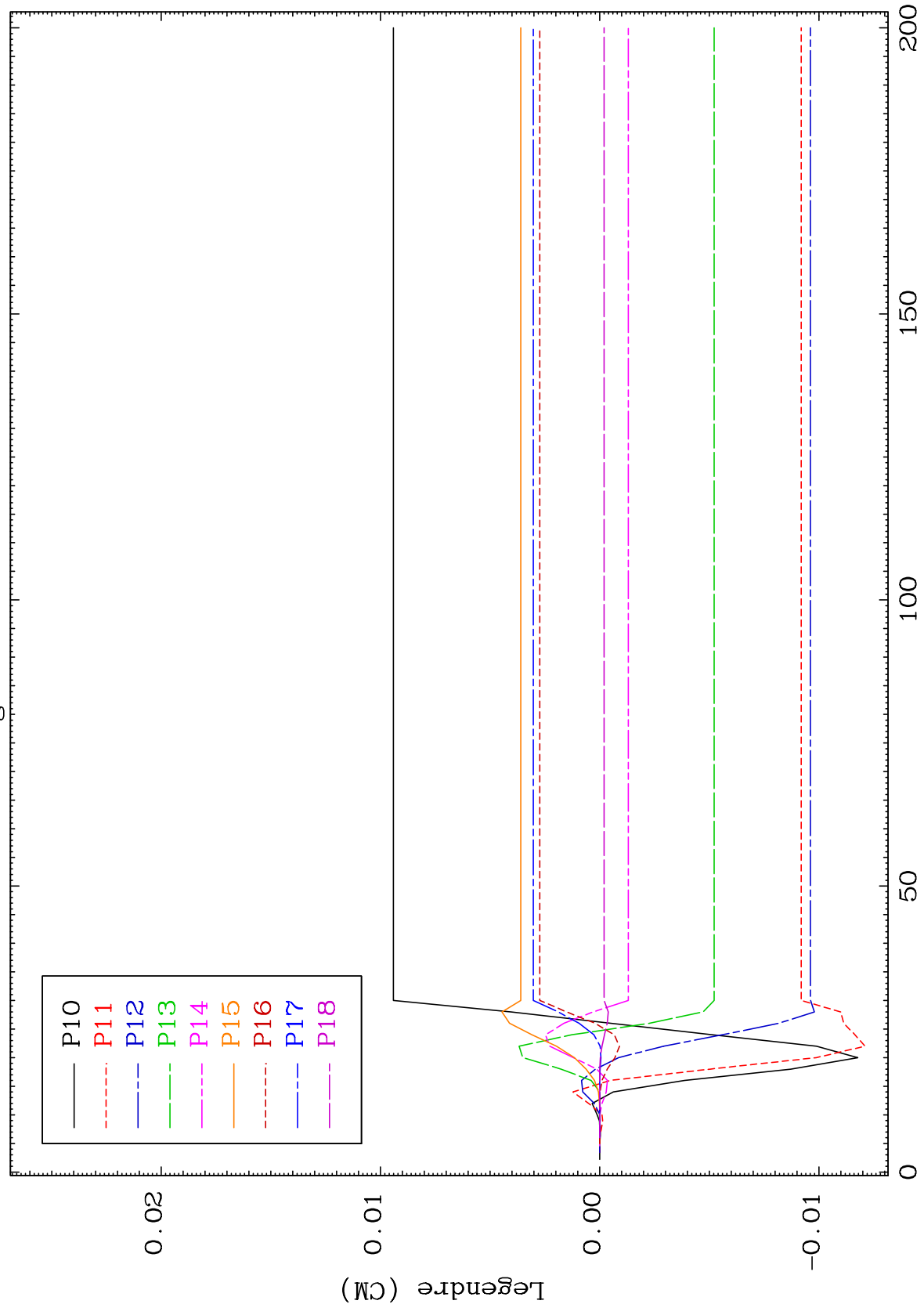
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

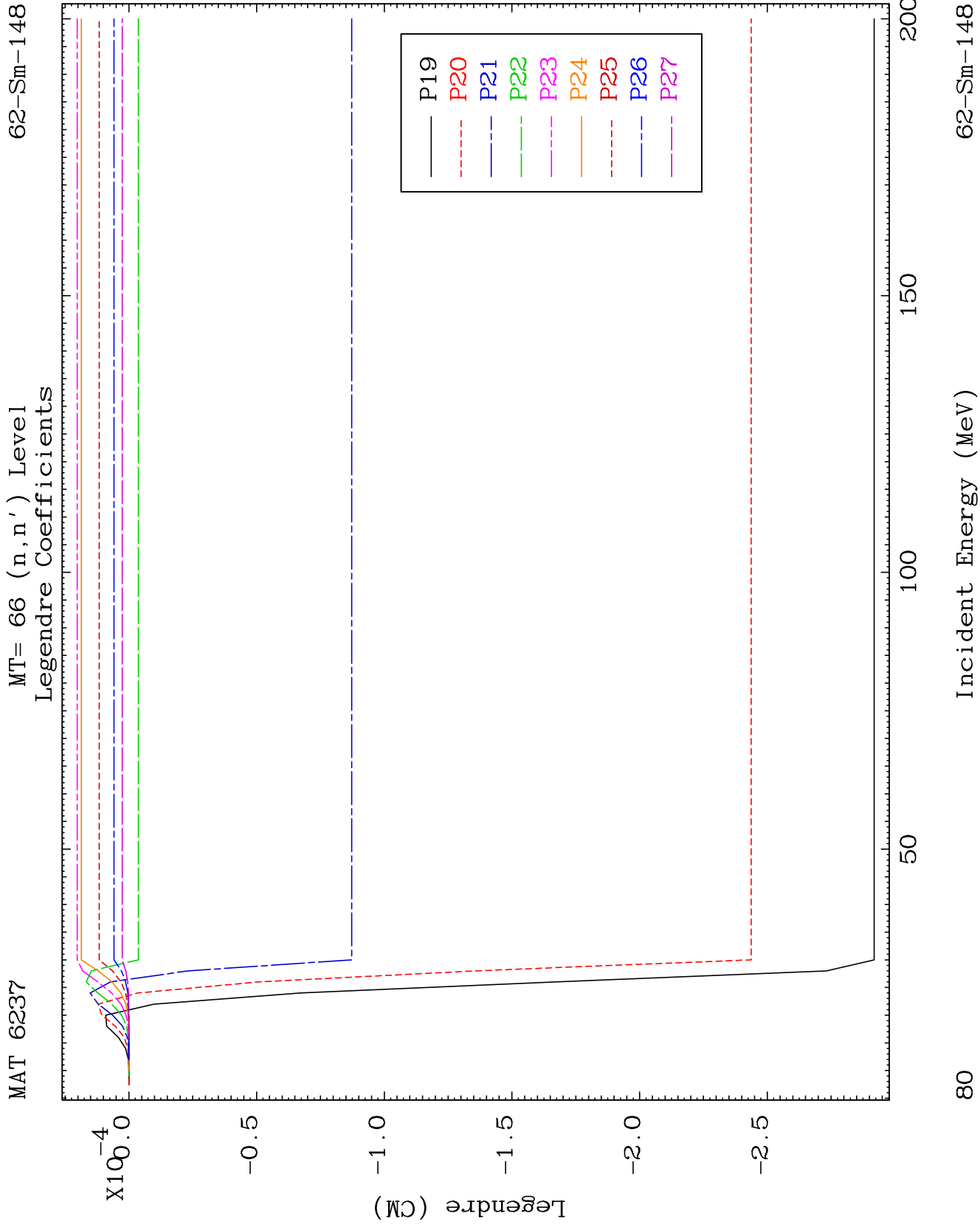
62-Sm-148



62

Incident Energy (MeV)

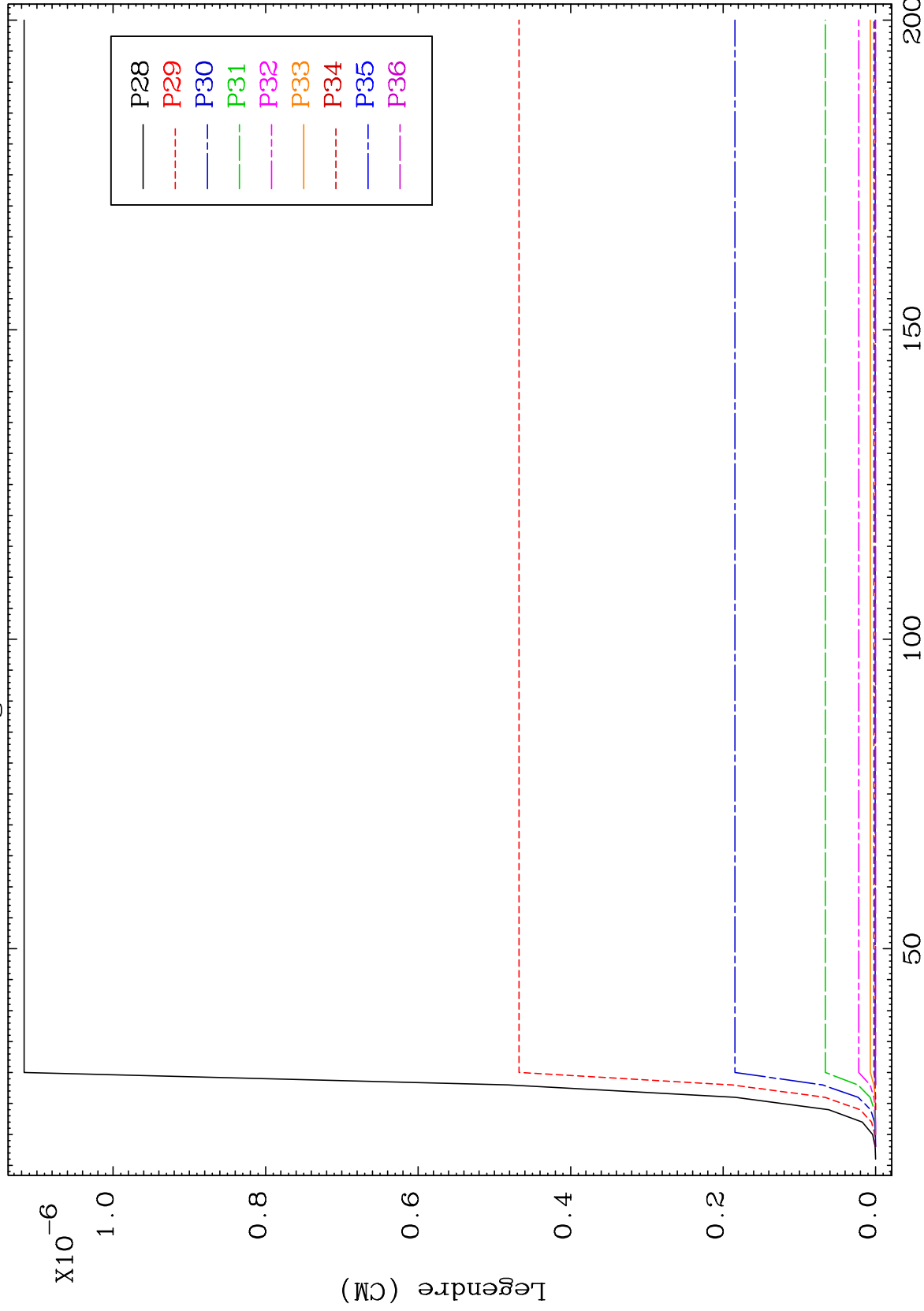
62-Sm-148



MAT 6237

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

62-Sm-148



81

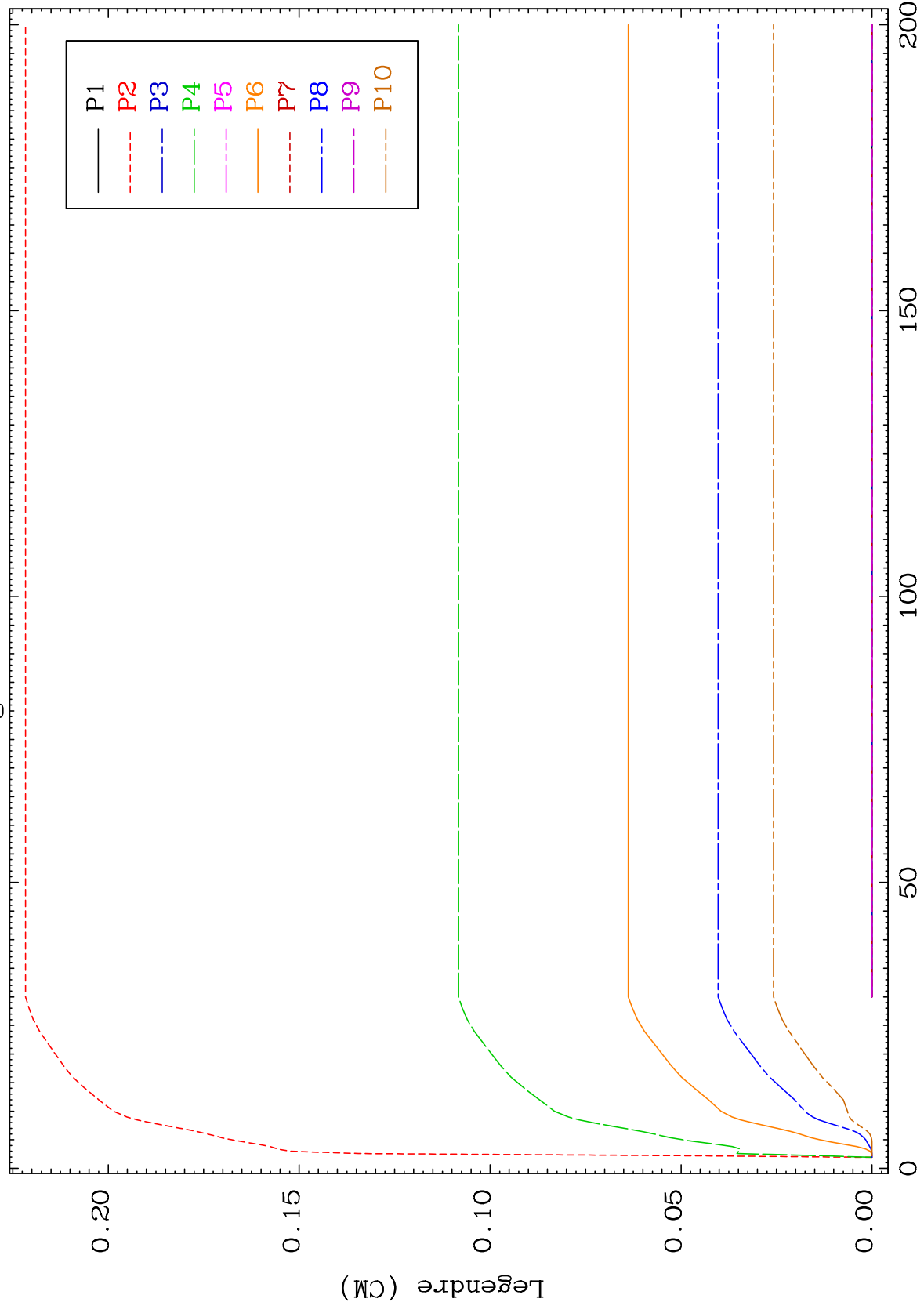
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

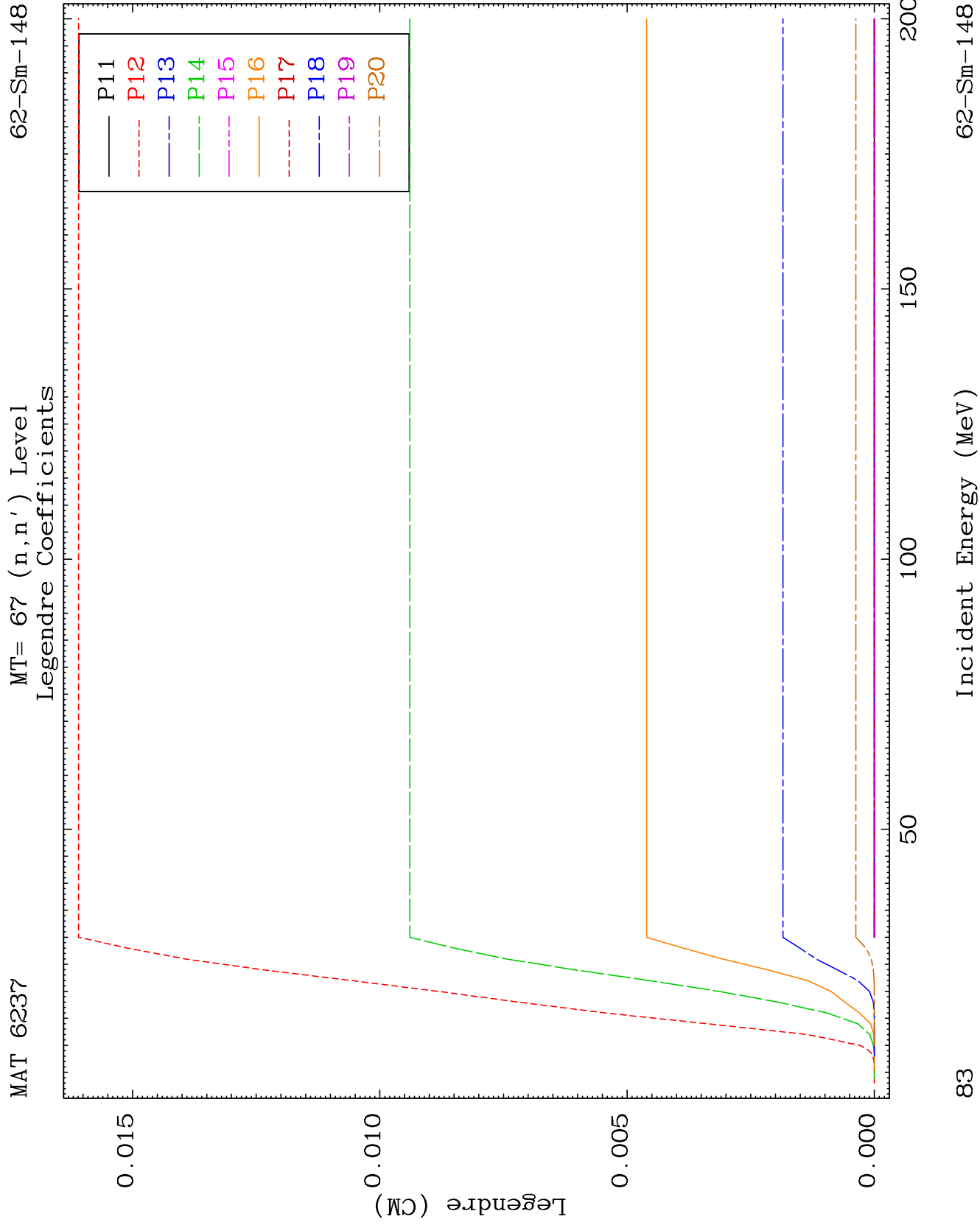
62-Sm-148

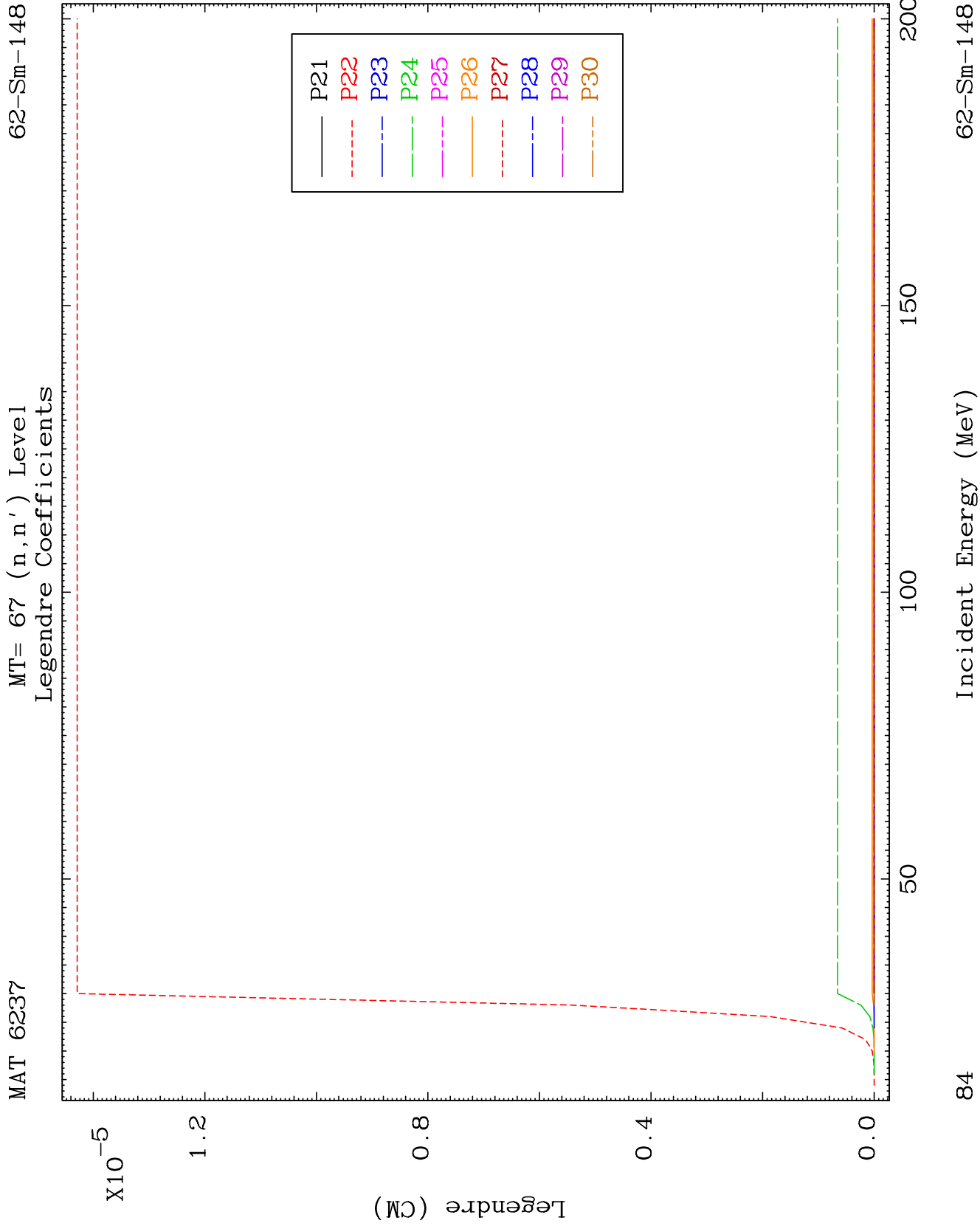


28

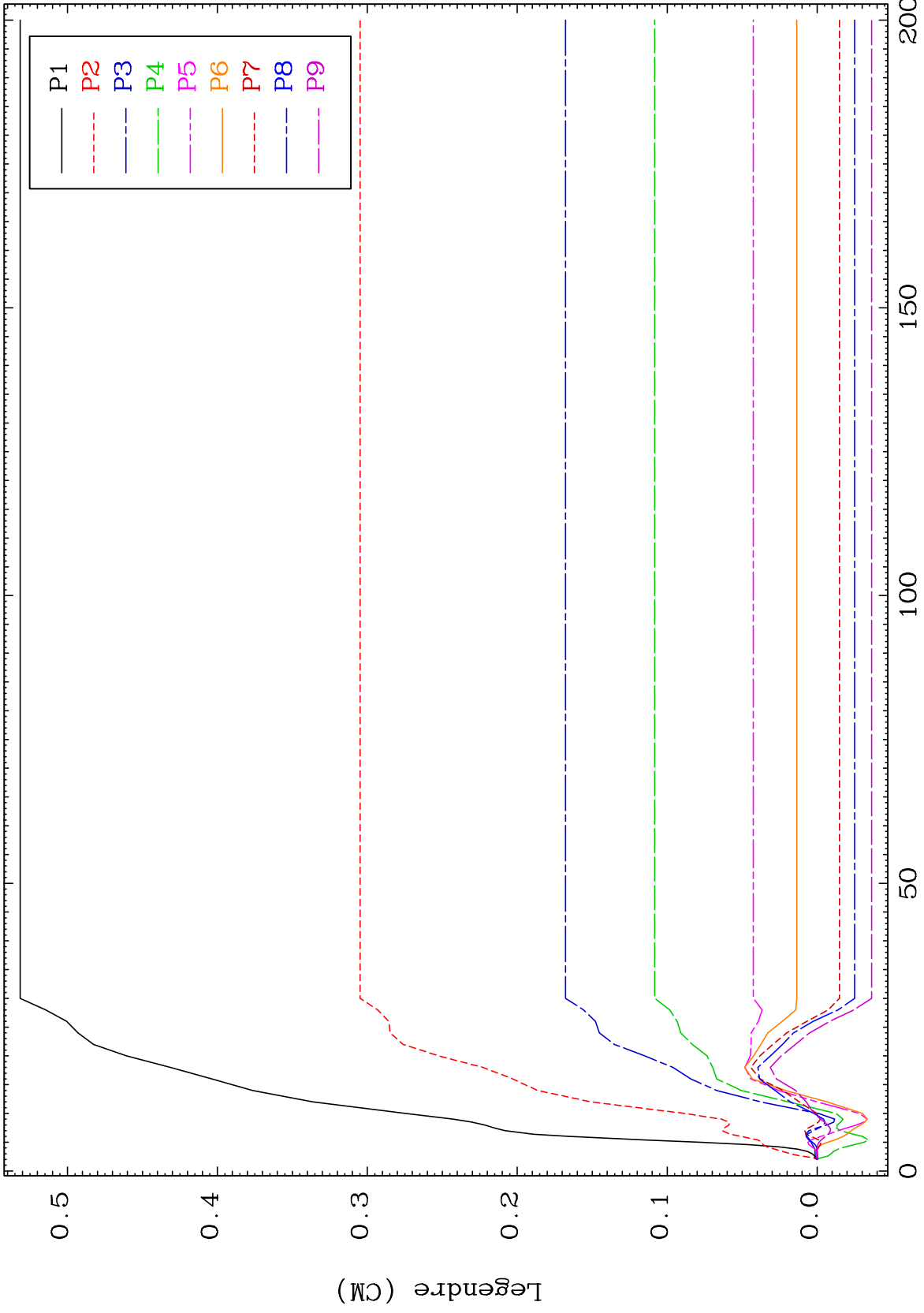
Incident Energy (MeV)

62-Sm-148





MAT 6237 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-148

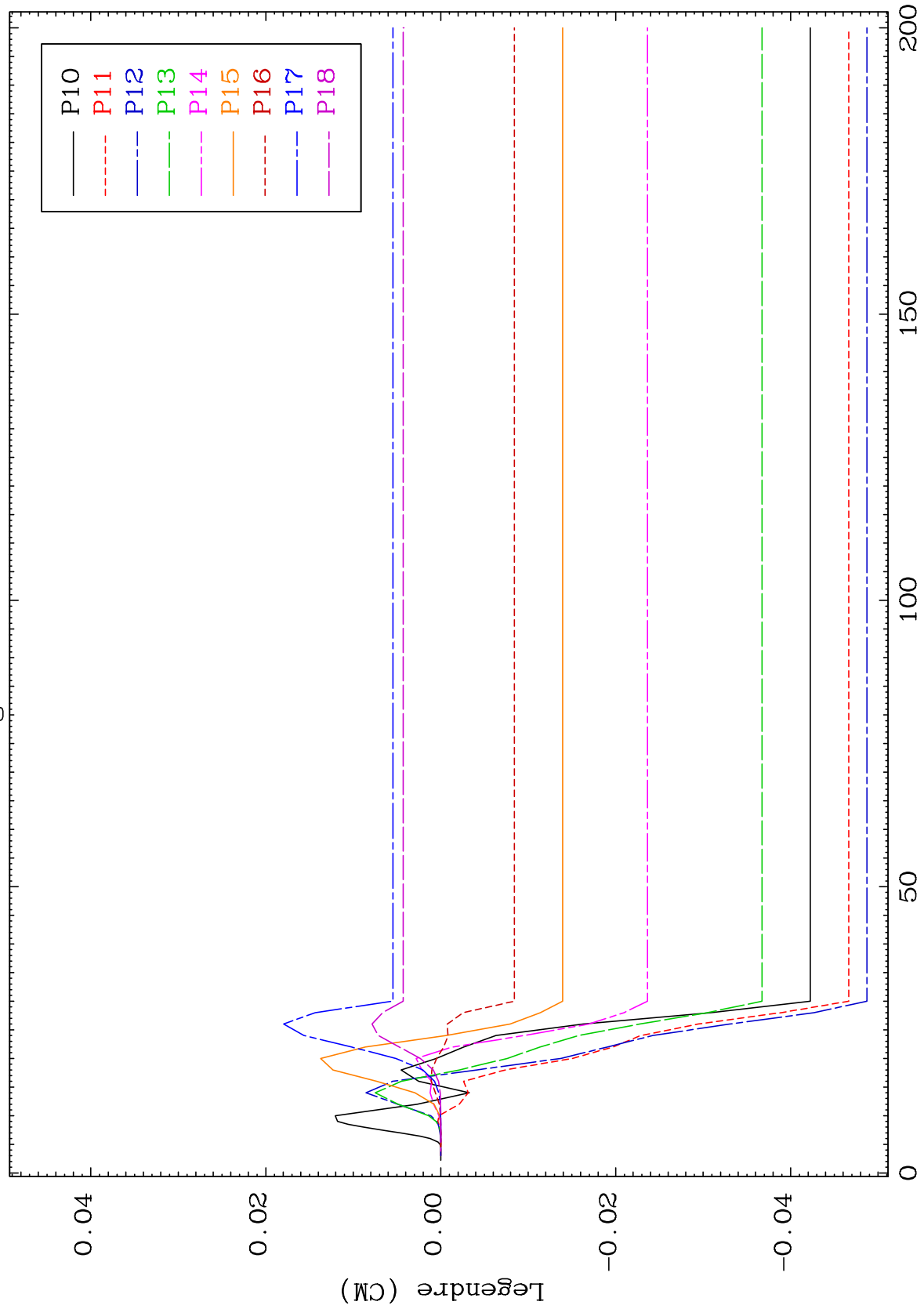


85 Incident Energy (MeV) 62-Sm-148

MAT 6237

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

62-Sm-148



30

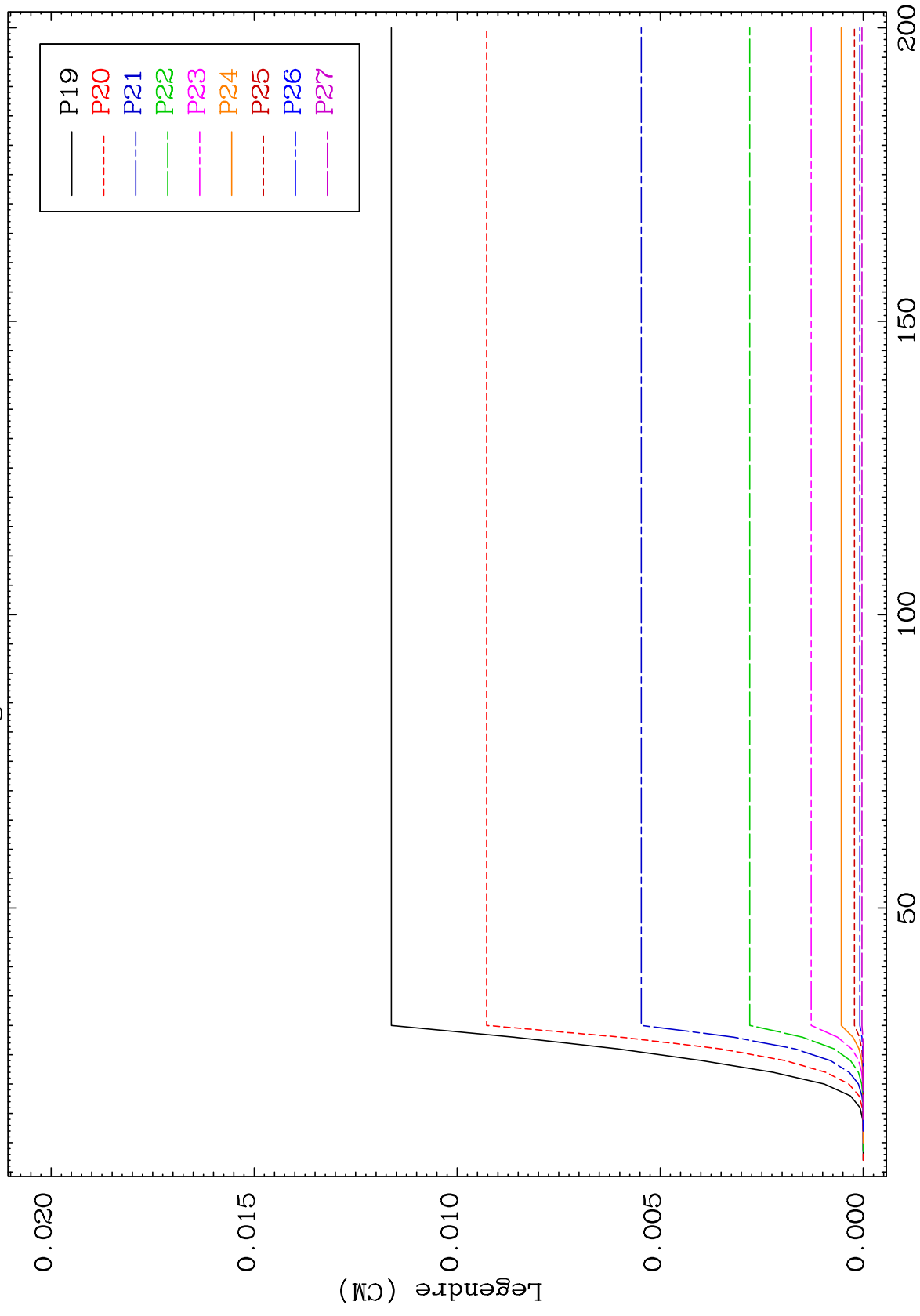
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



28

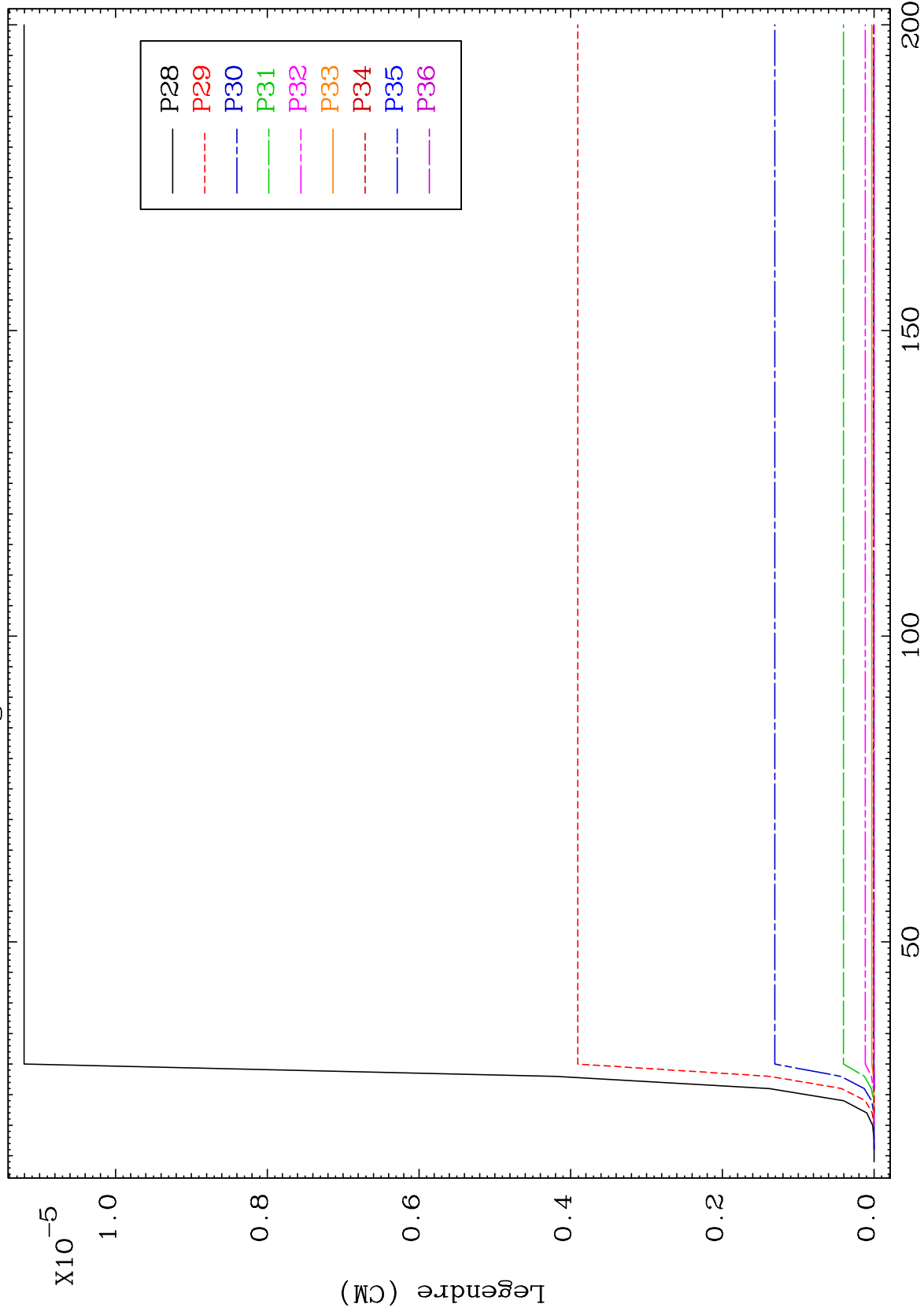
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

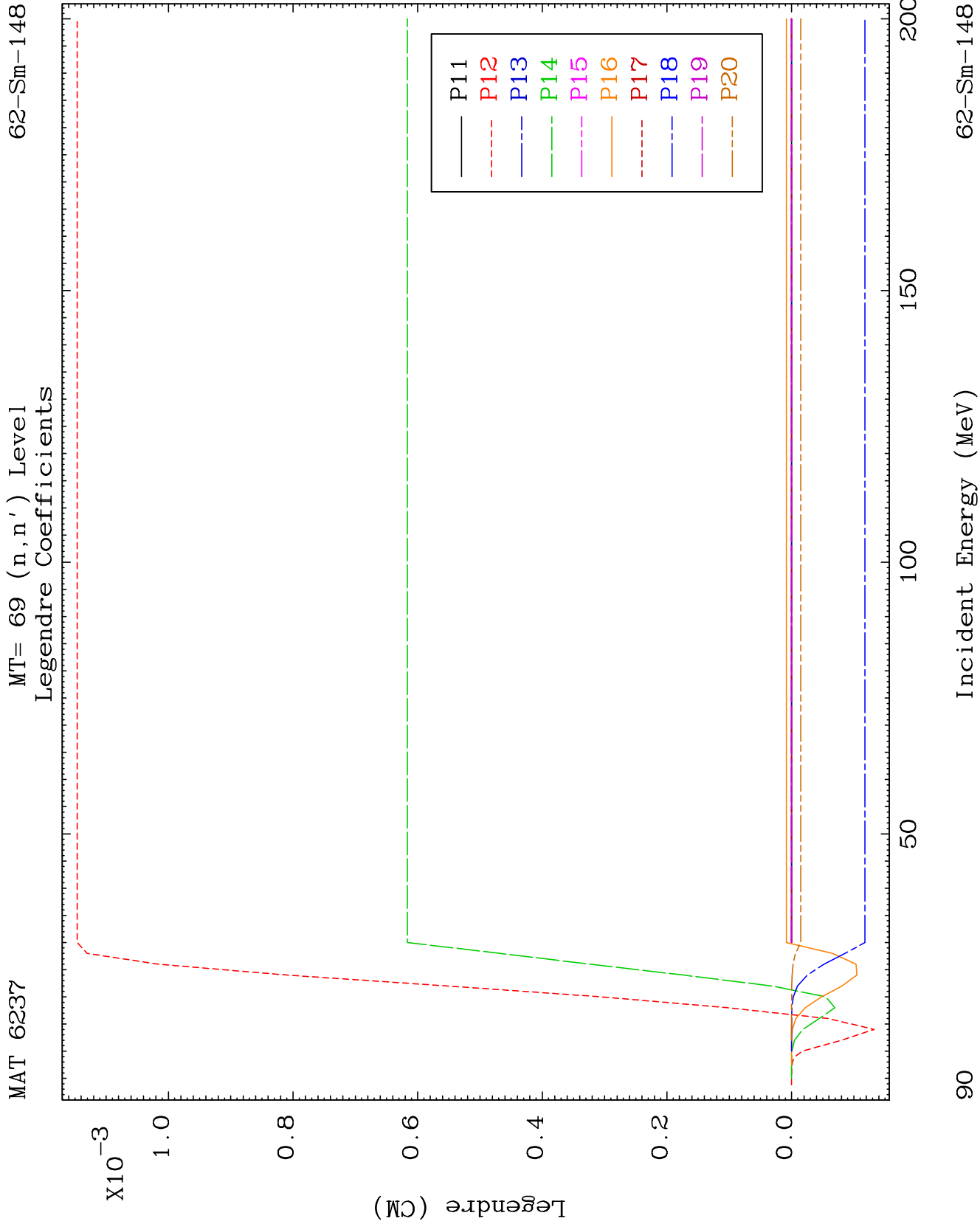
62-Sm-148

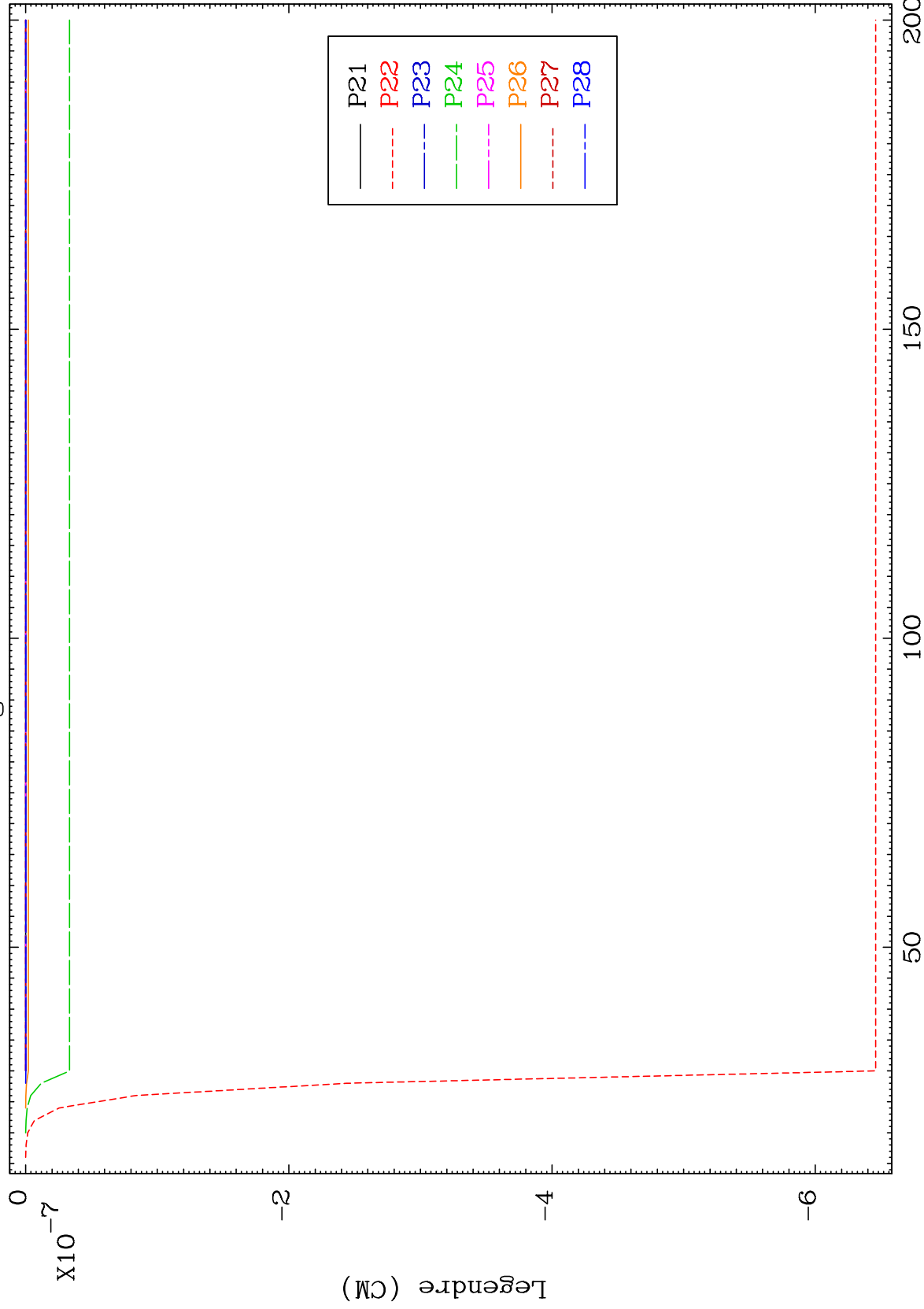


88

Incident Energy (MeV)

62-Sm-148

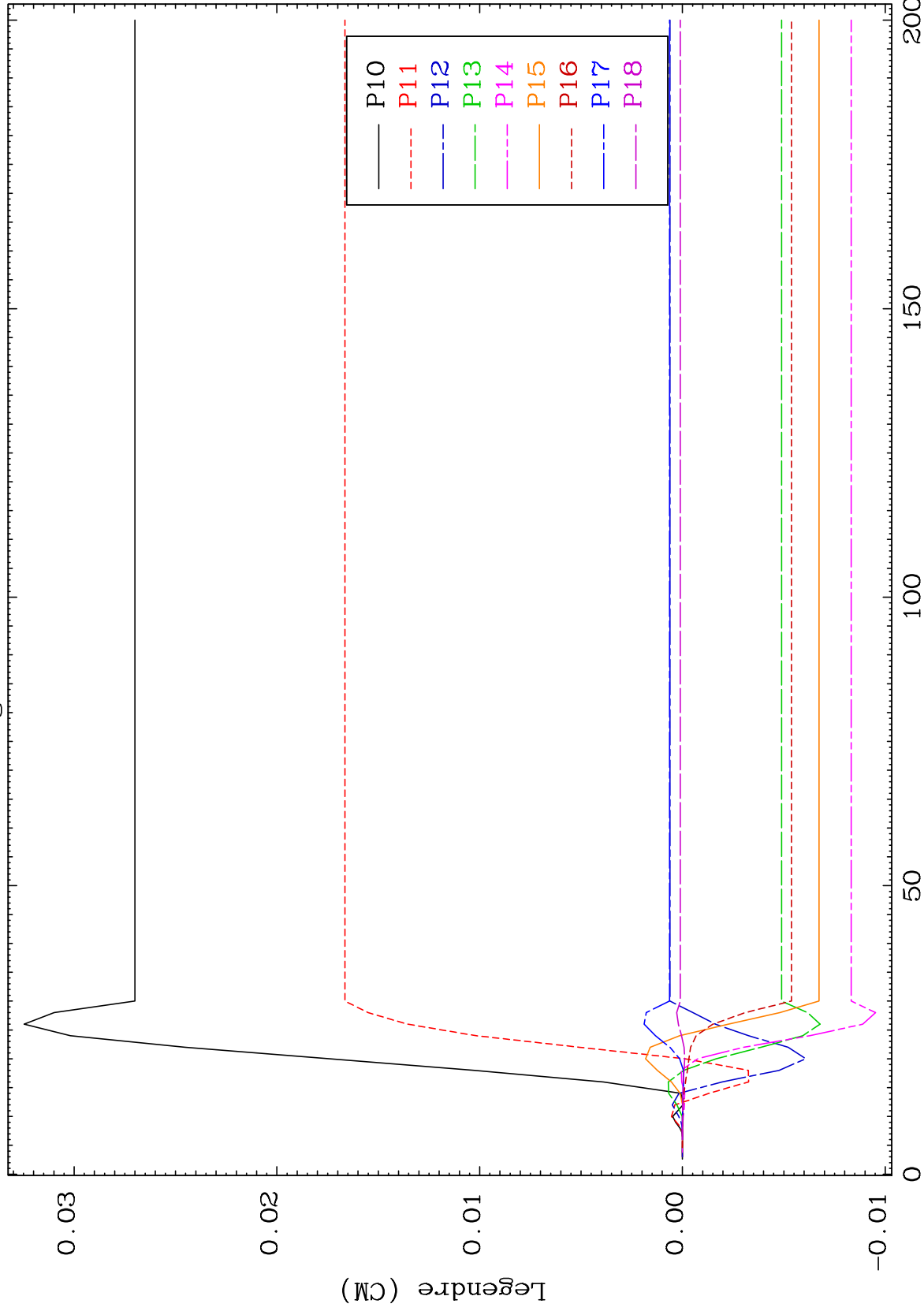




MAT 6237

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

62-Sm-148



93

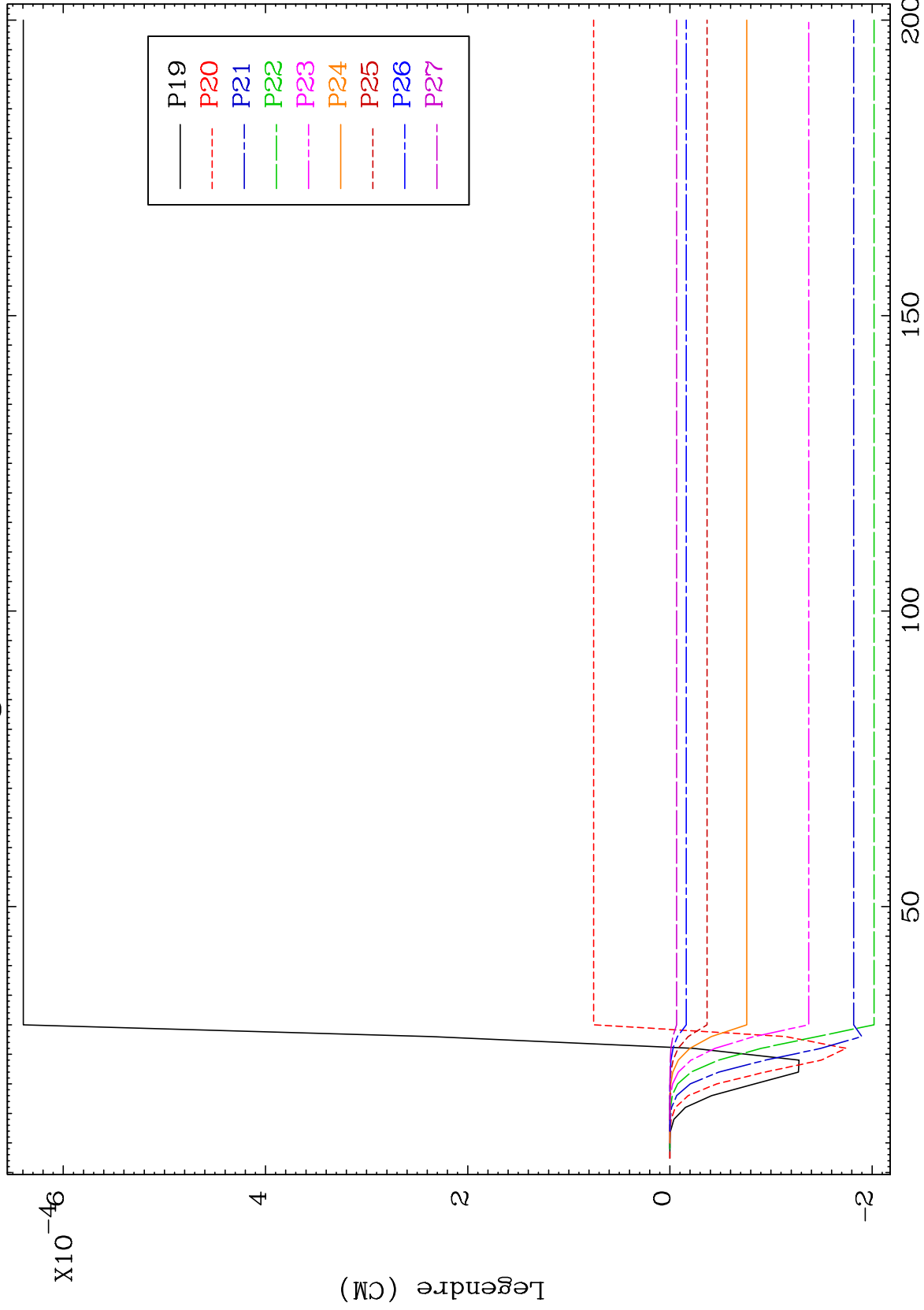
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



94

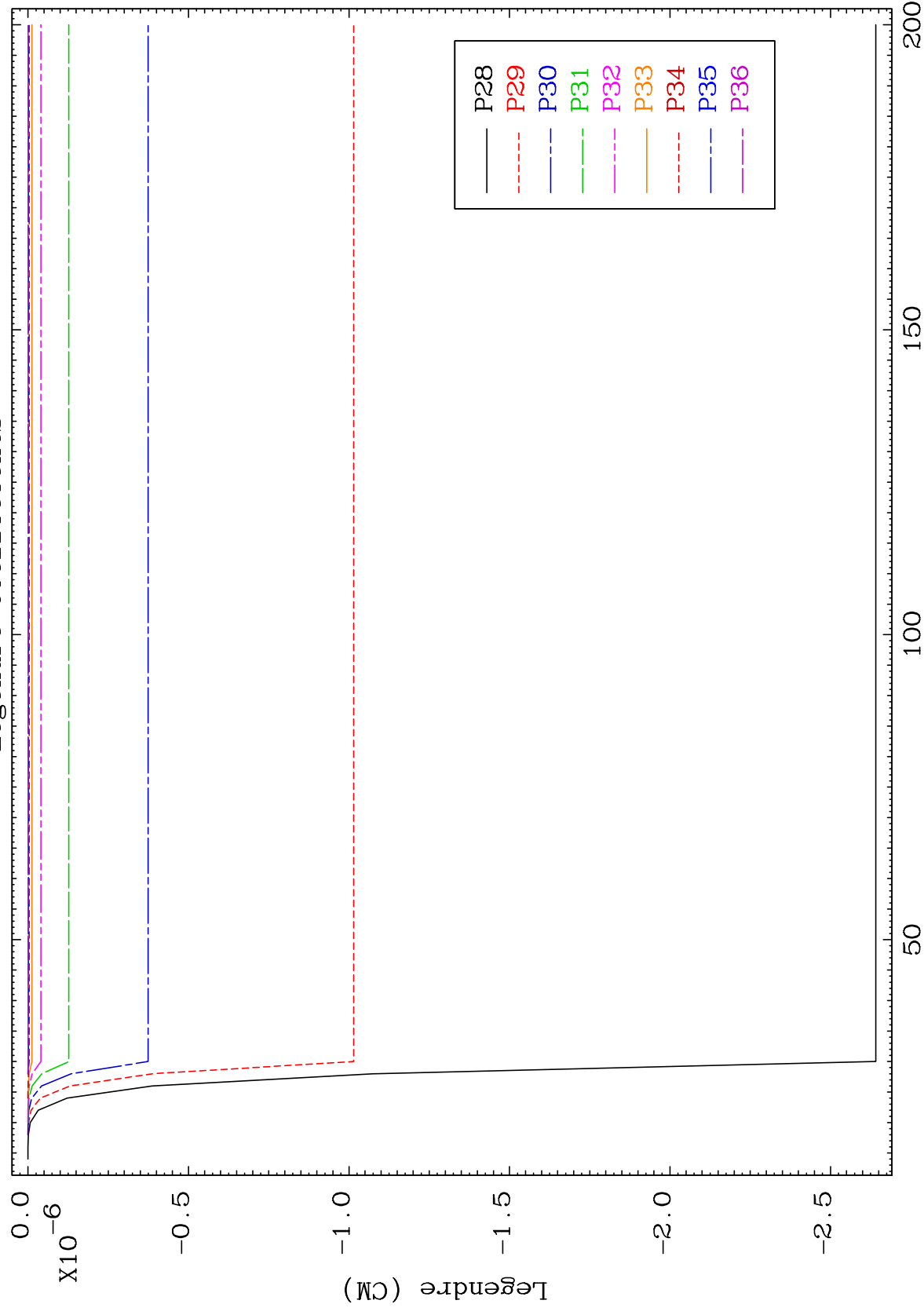
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

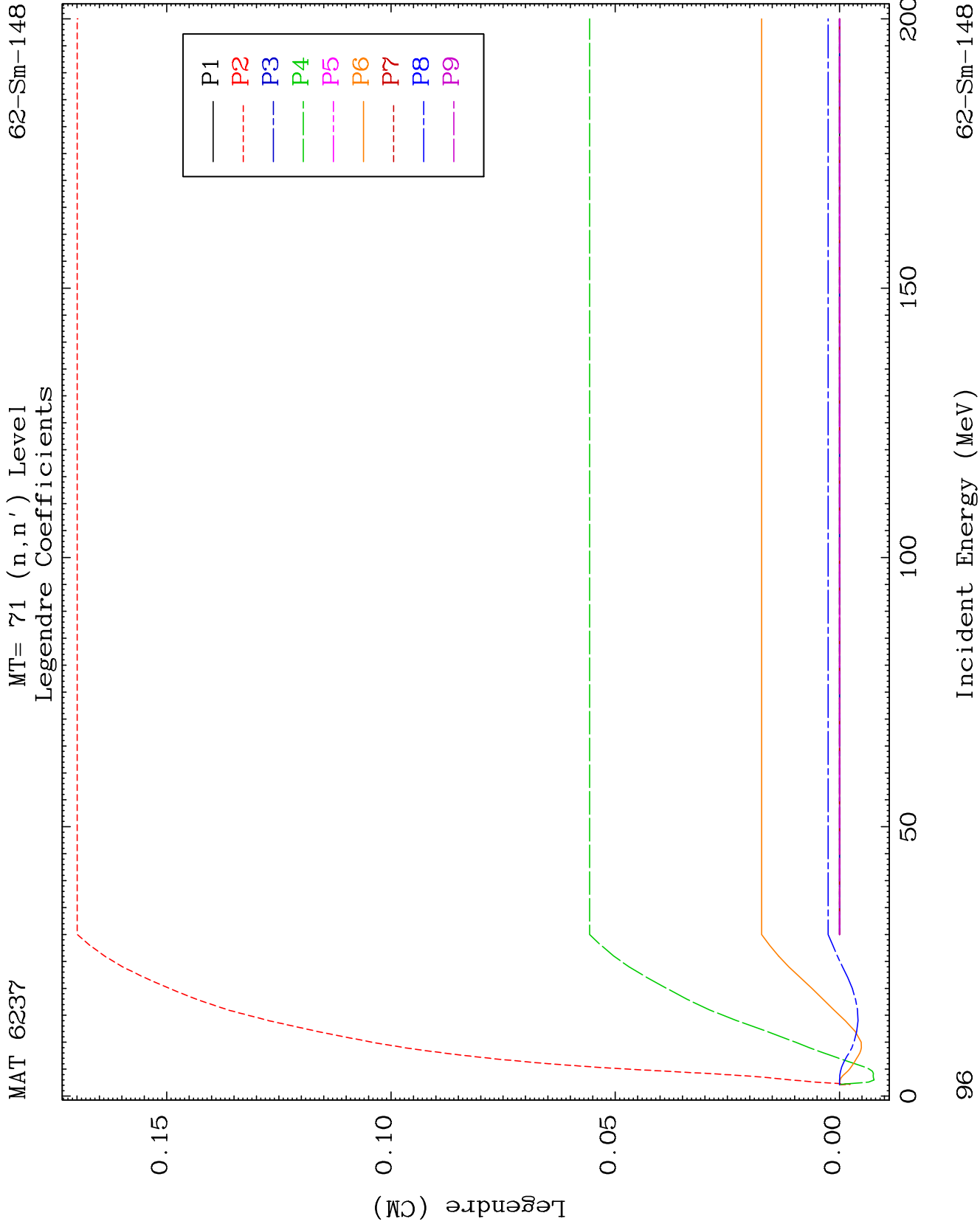
62-Sm-148



56

Incident Energy (MeV)

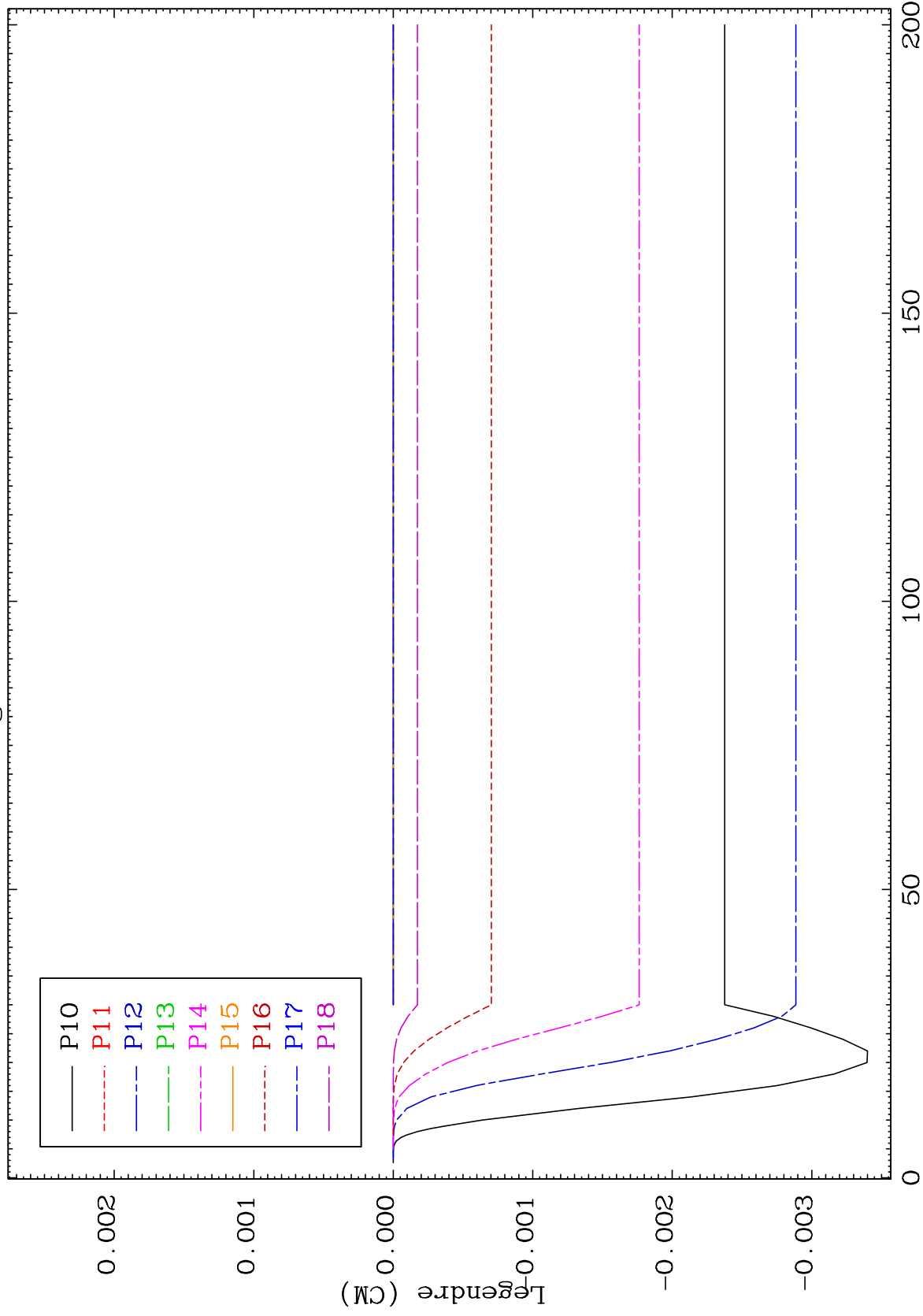
62-Sm-148



MAT 6237

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

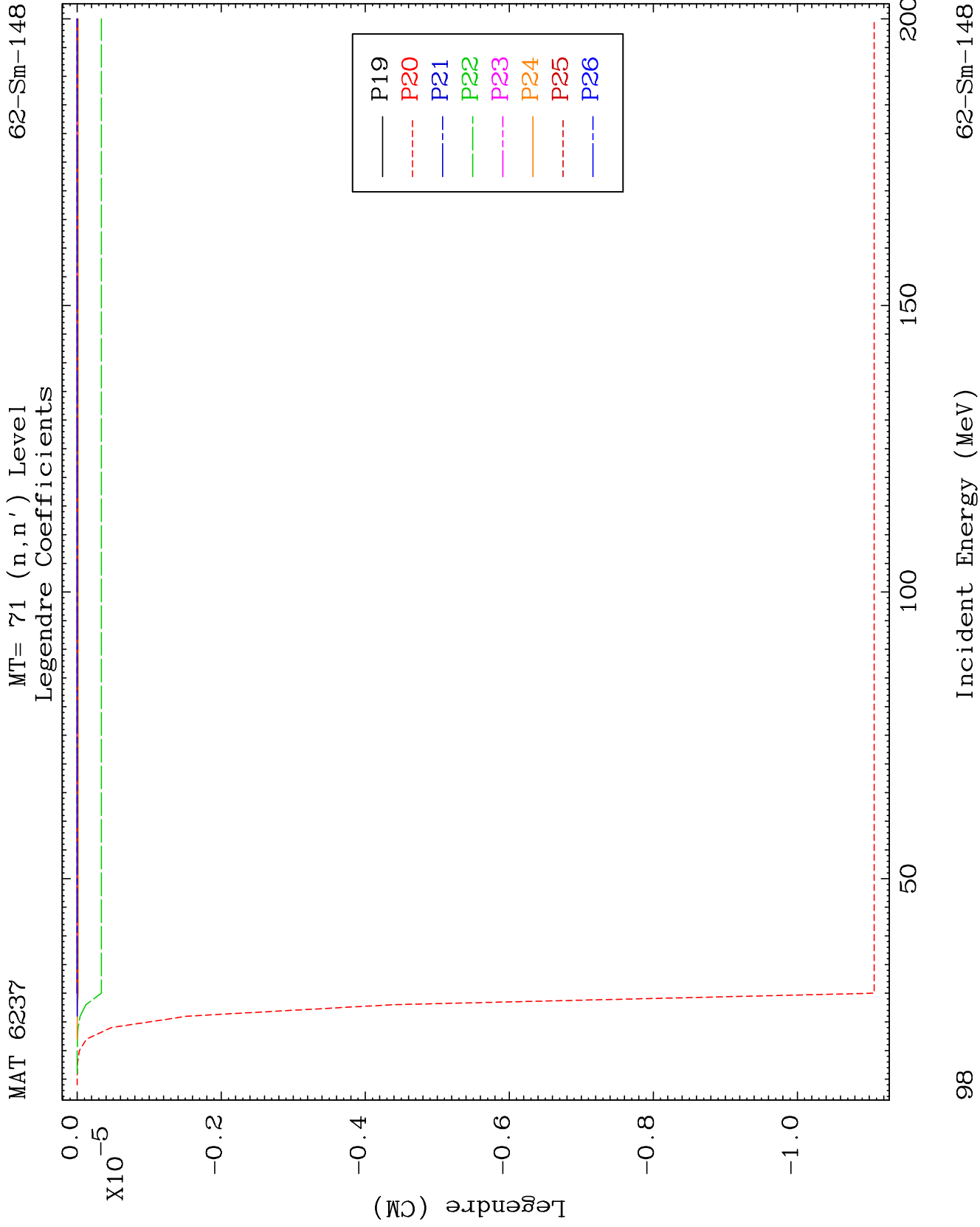
62-Sm-148

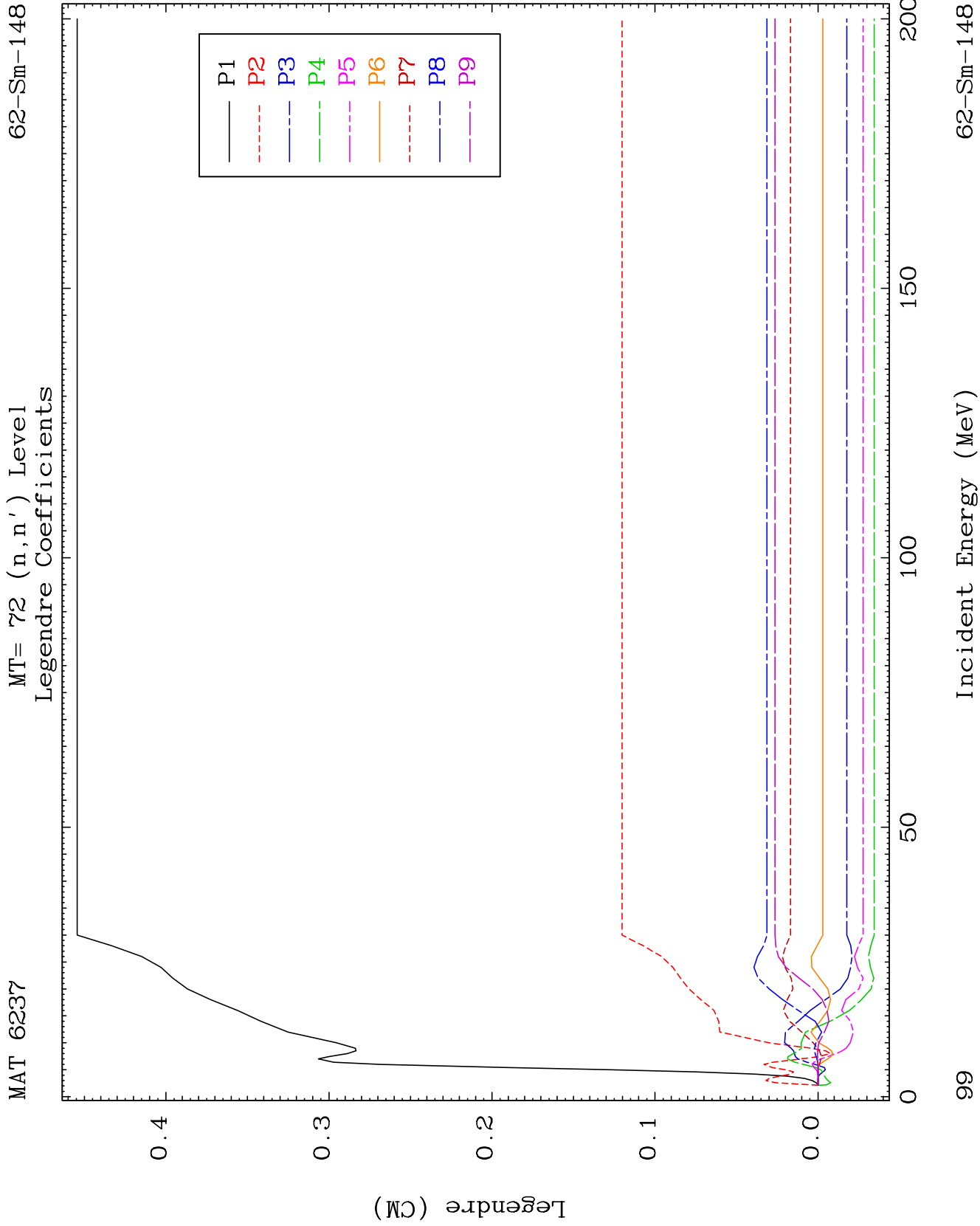


97

Incident Energy (MeV)

62-Sm-148

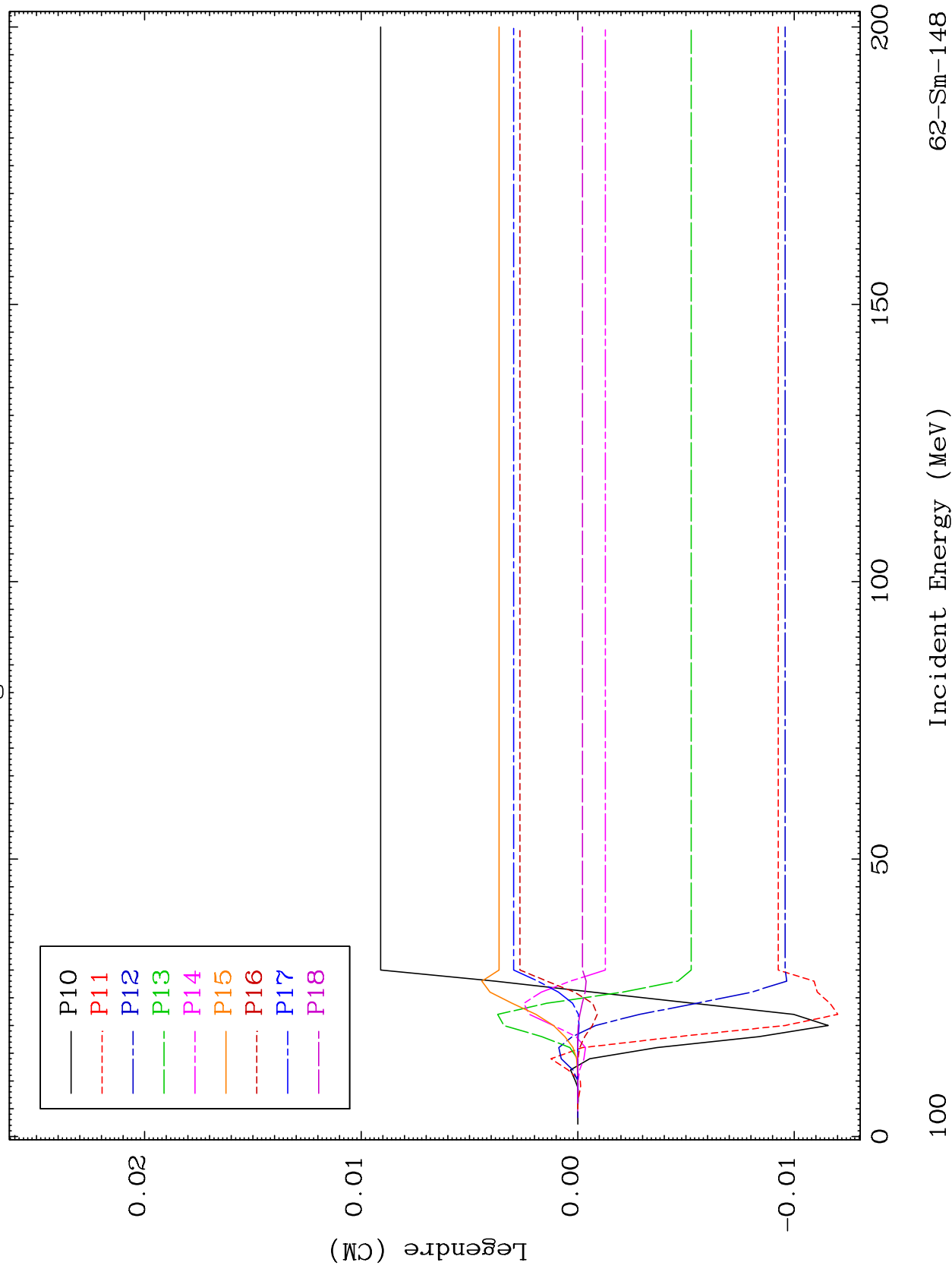


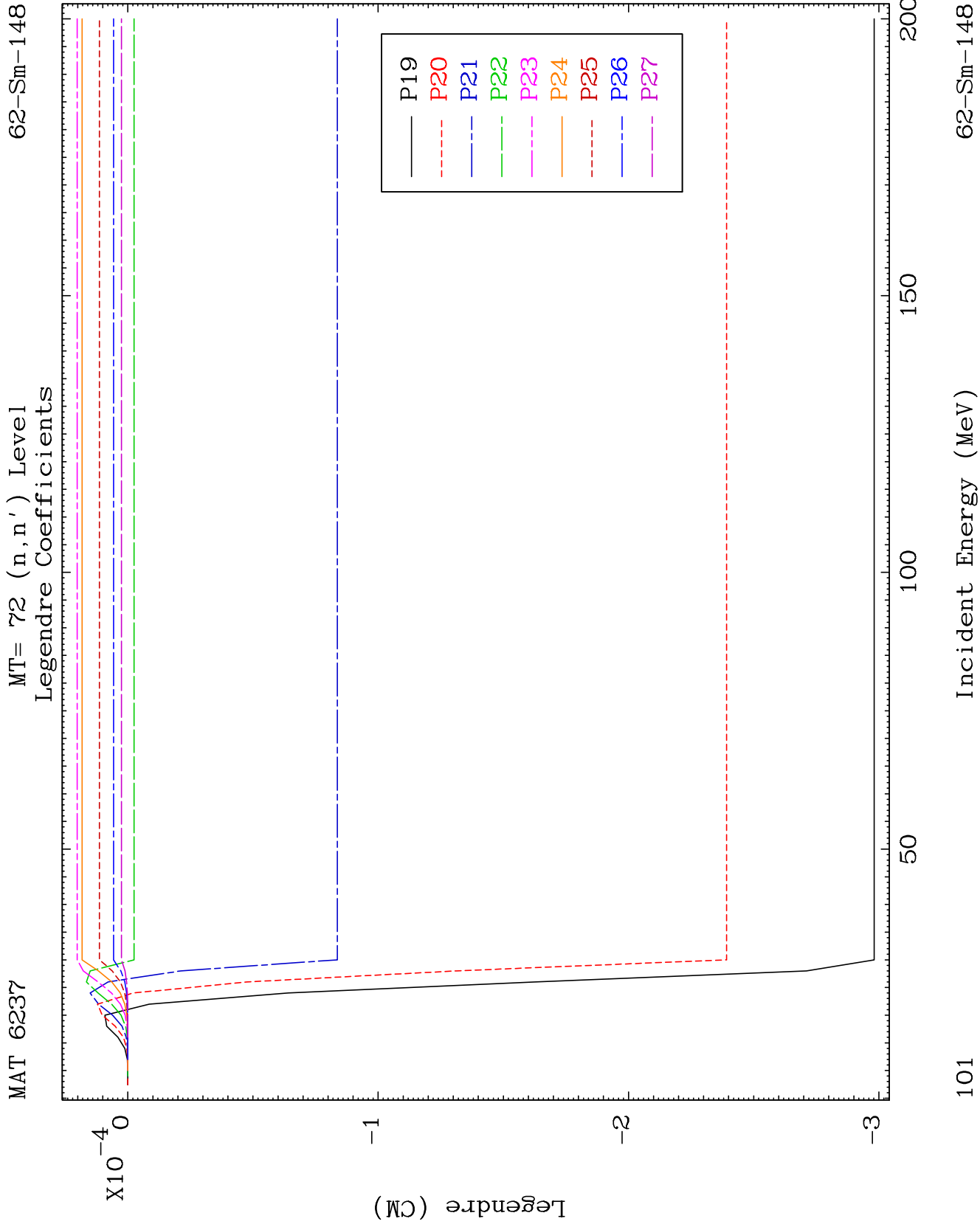


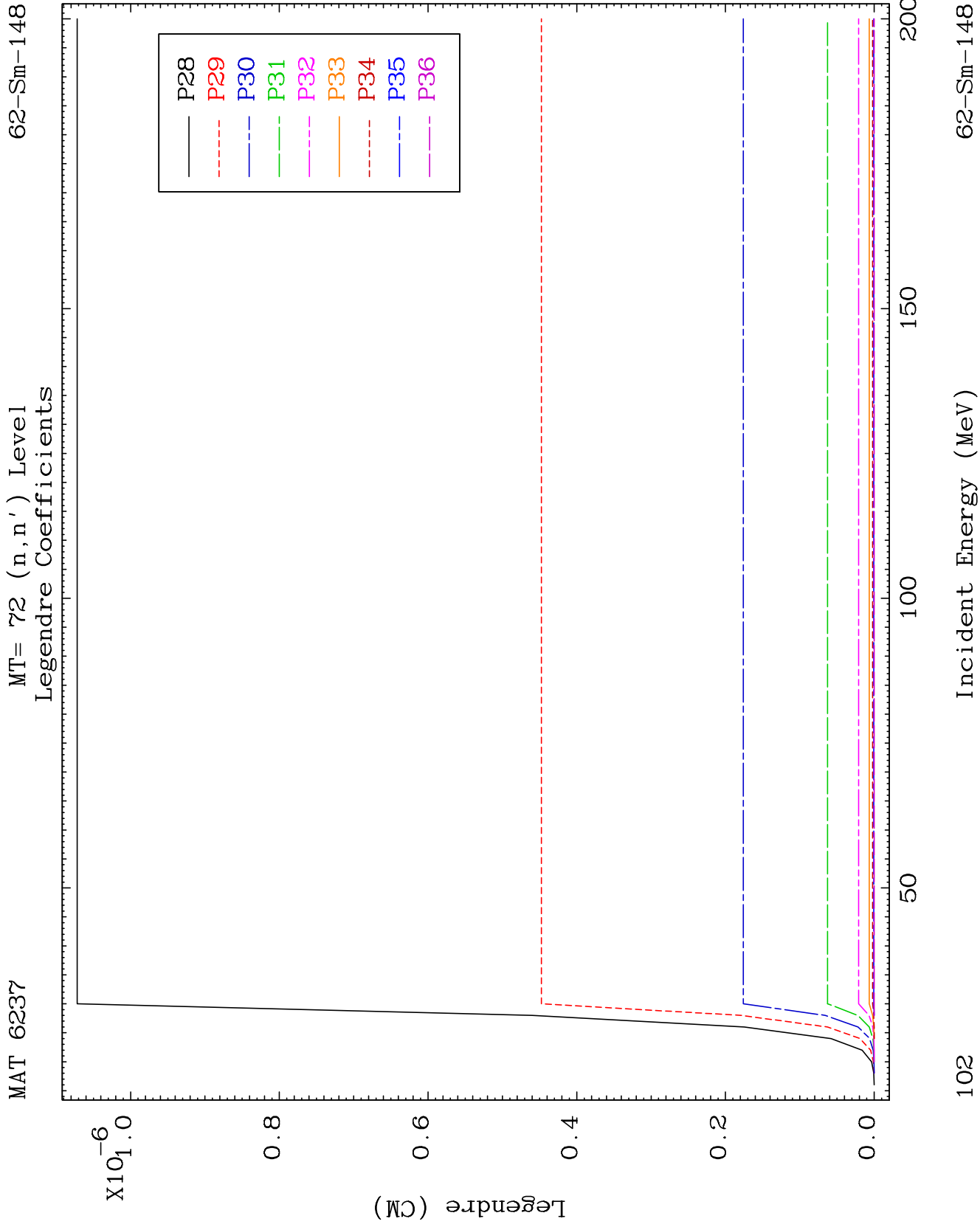
MAT 6237

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

62-Sm-148



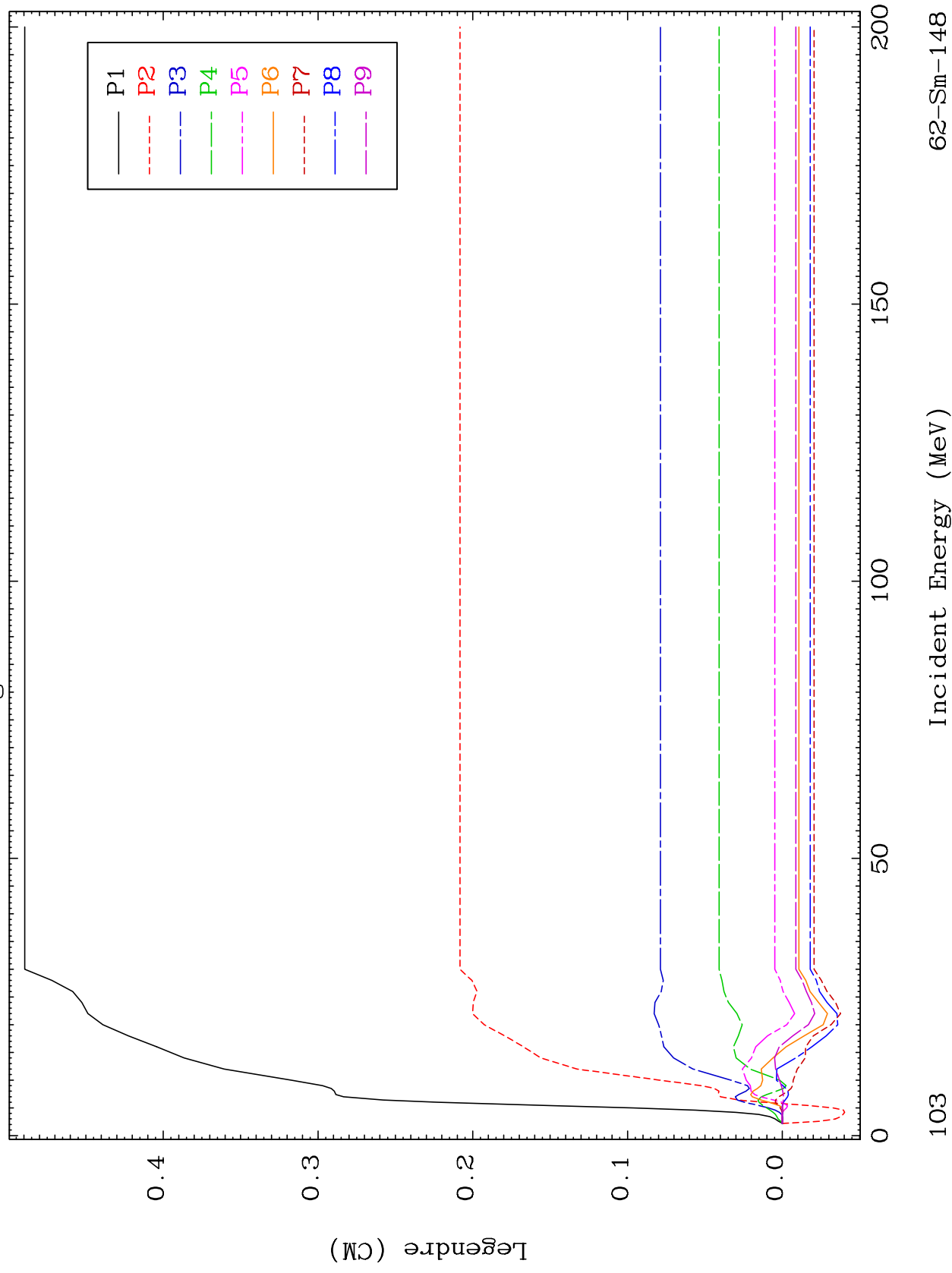




MAT 6237

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

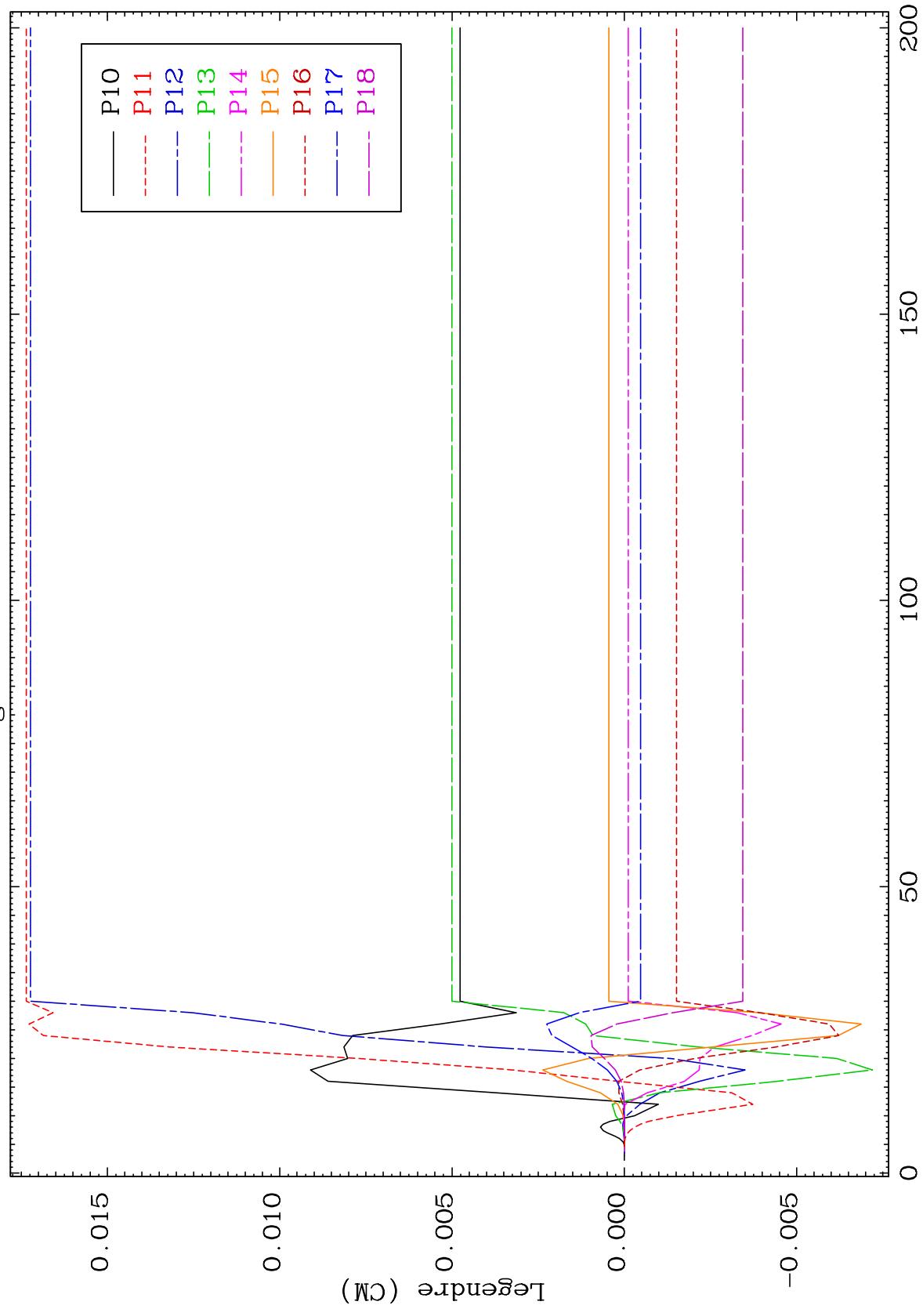
62-Sm-148



MAT 6237

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

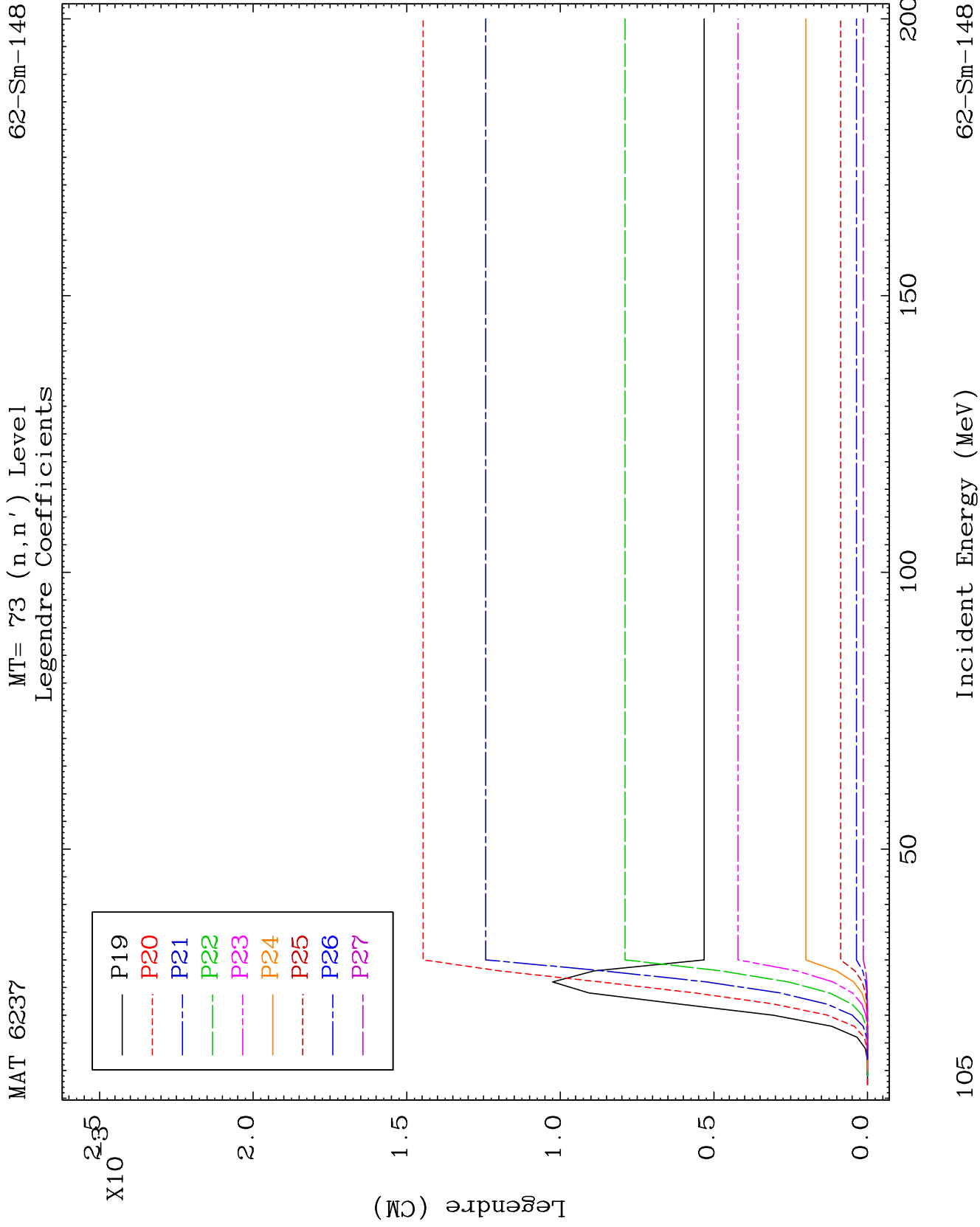
62-Sm-148



104

Incident Energy (MeV)

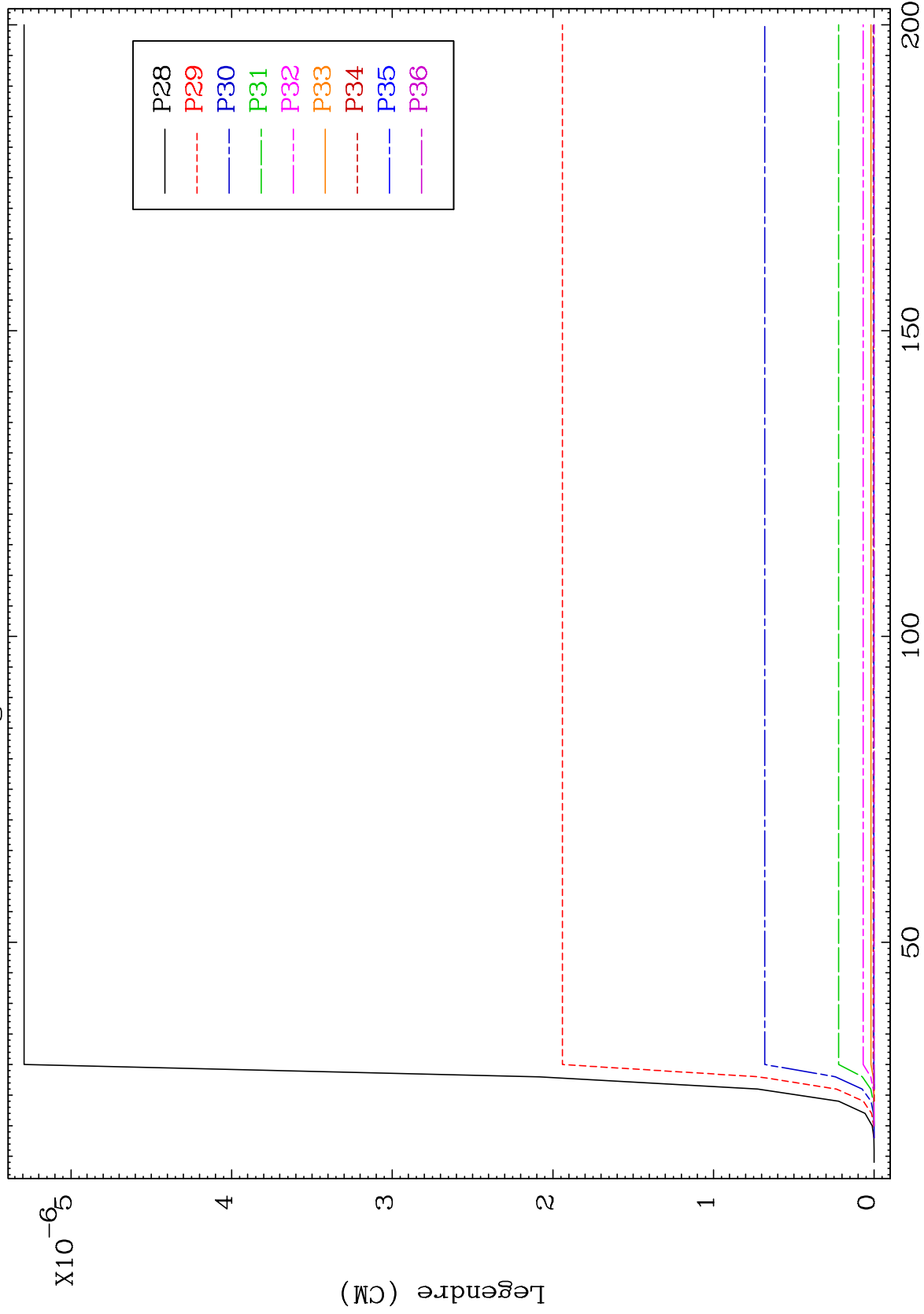
62-Sm-148



MAT 6237

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

62-Sm-148



106

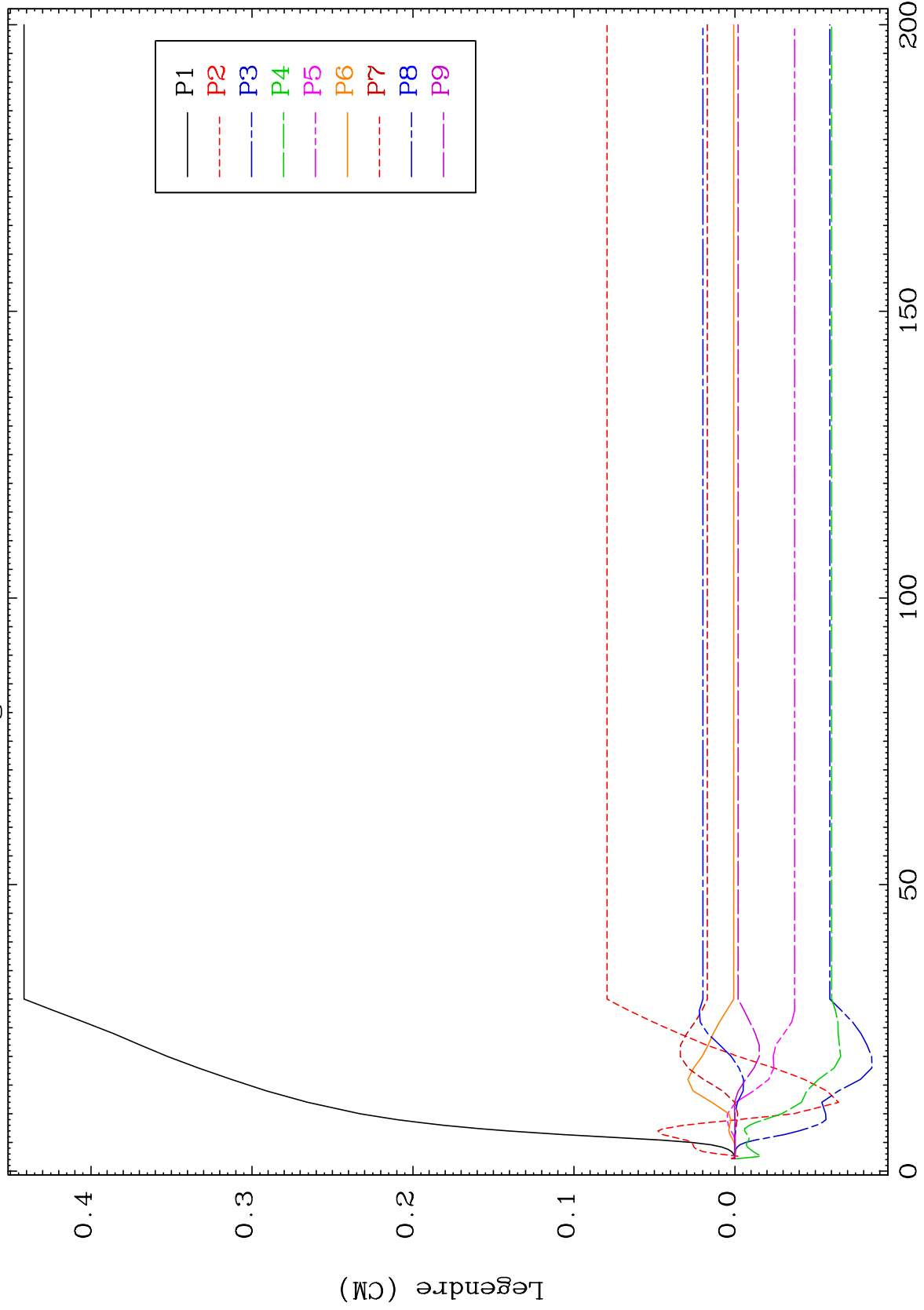
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



107

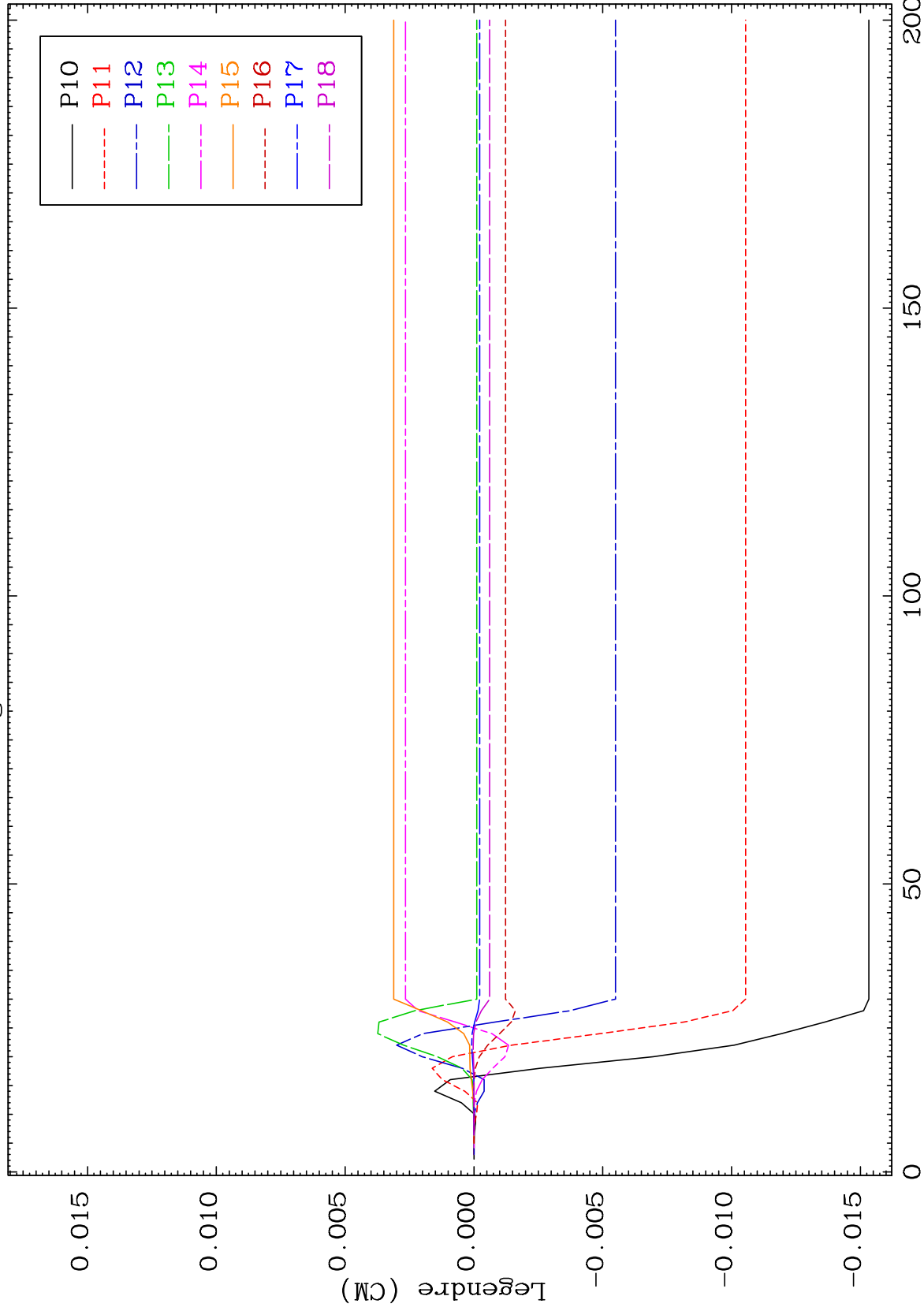
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



108

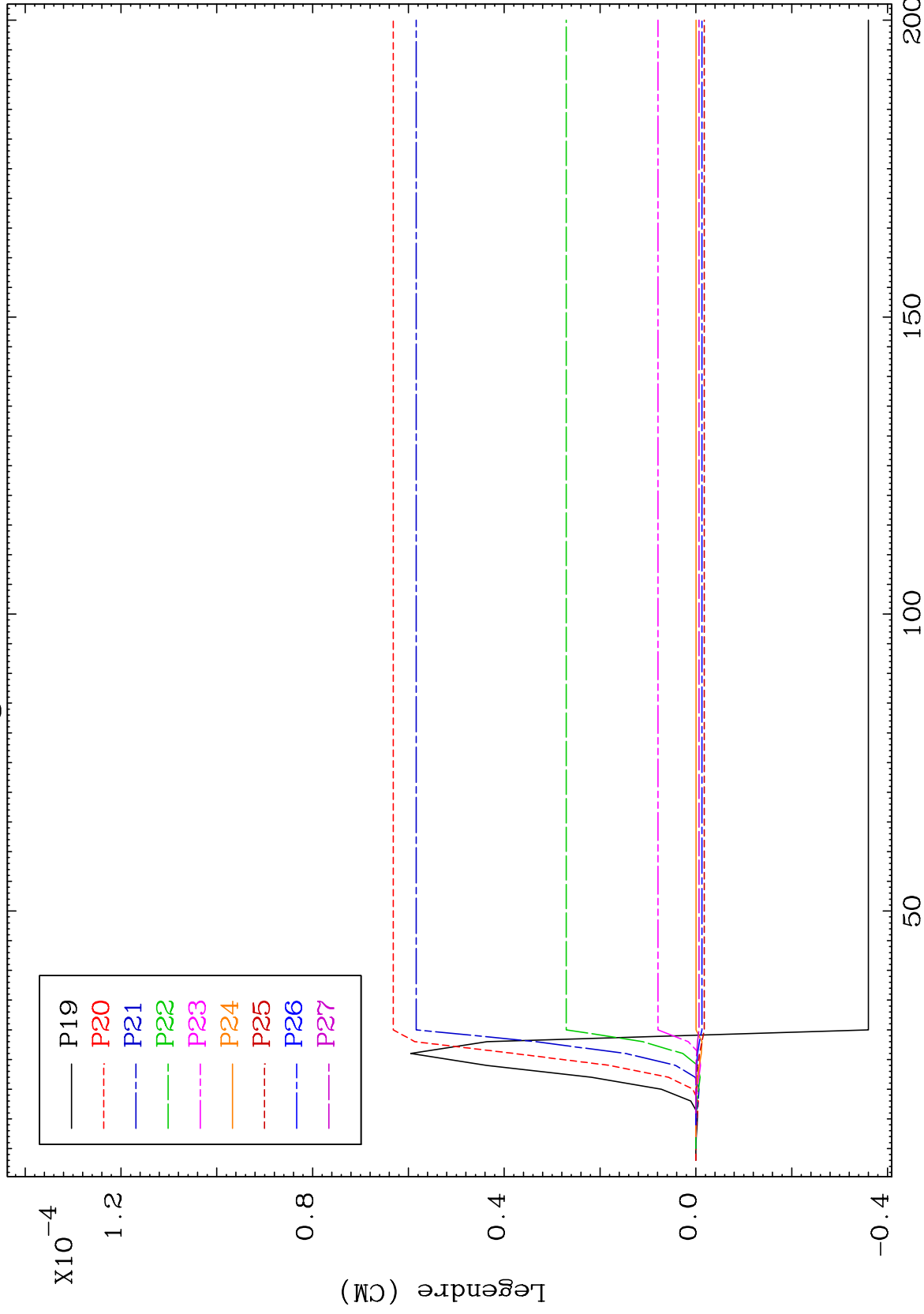
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



109

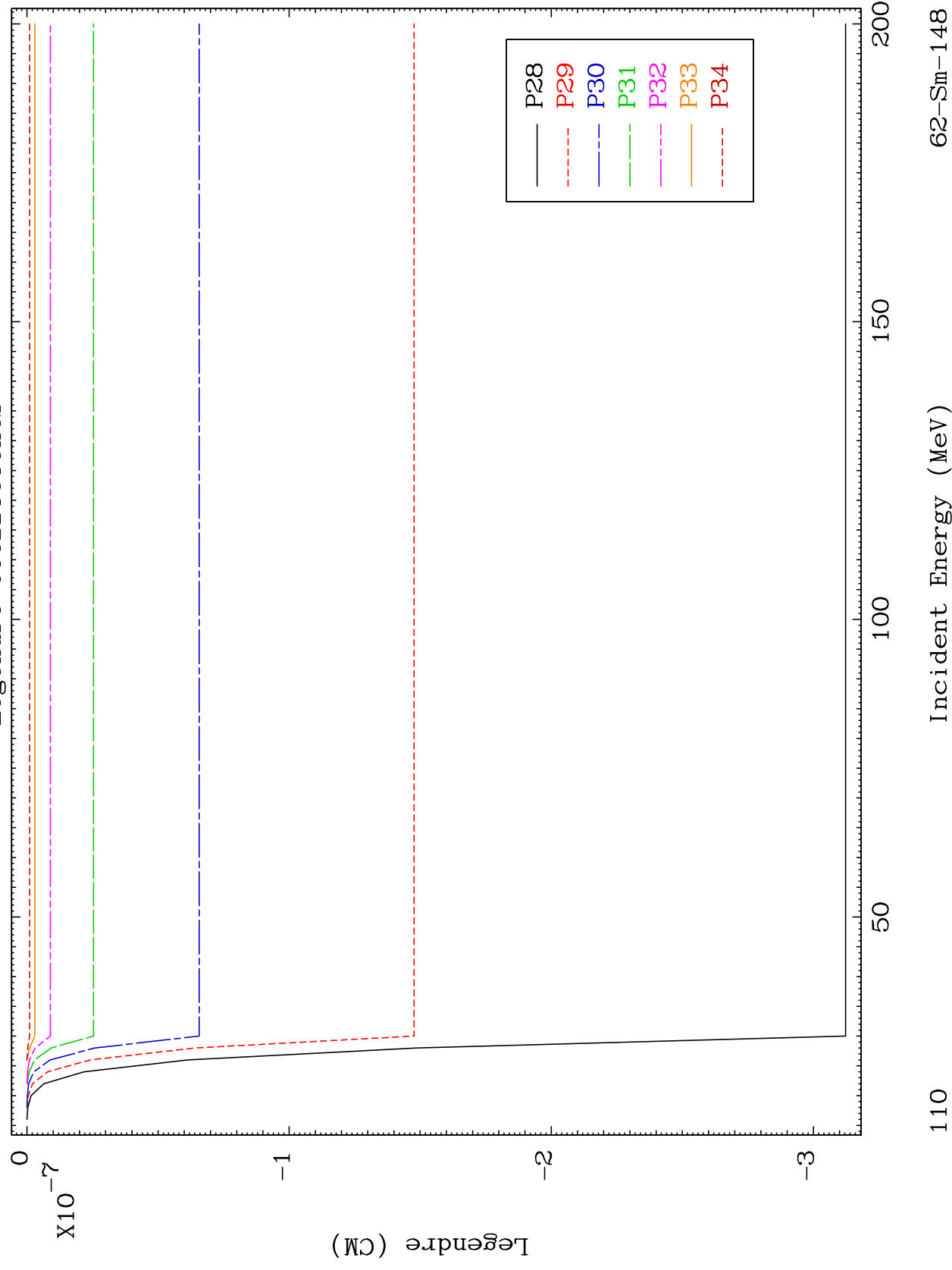
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

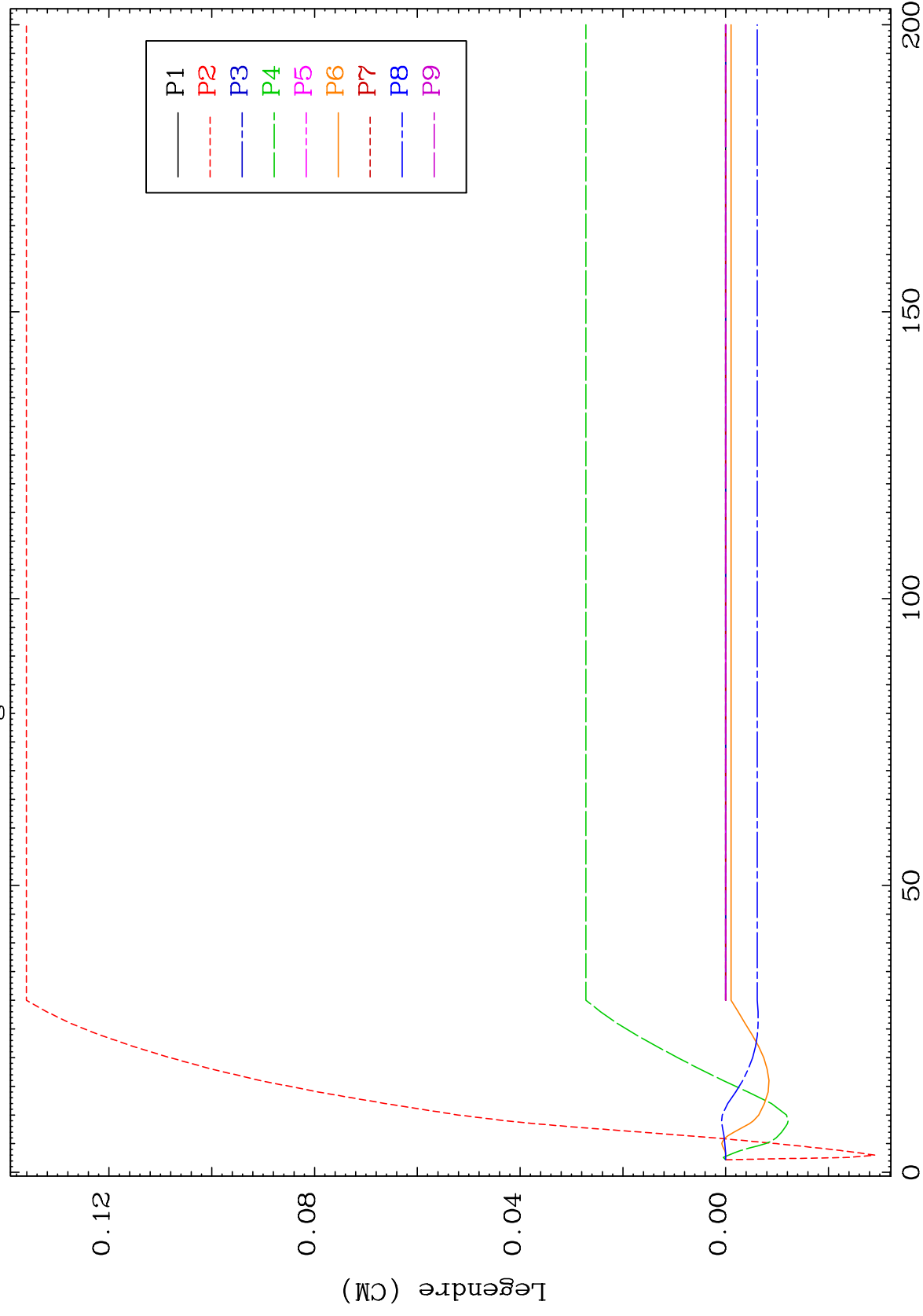
62-Sm-148



MAT 6237

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

62-Sm-148



111

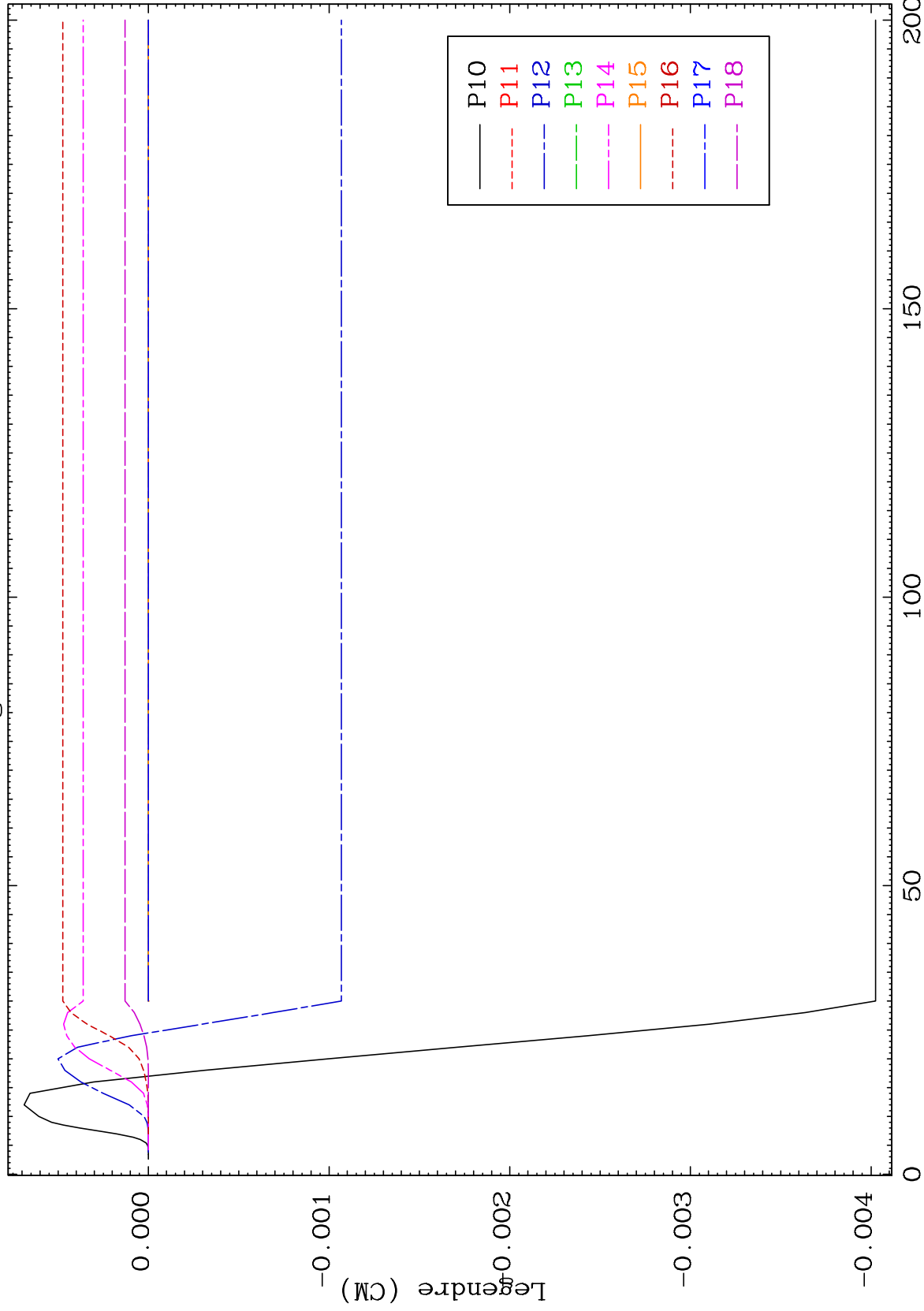
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148

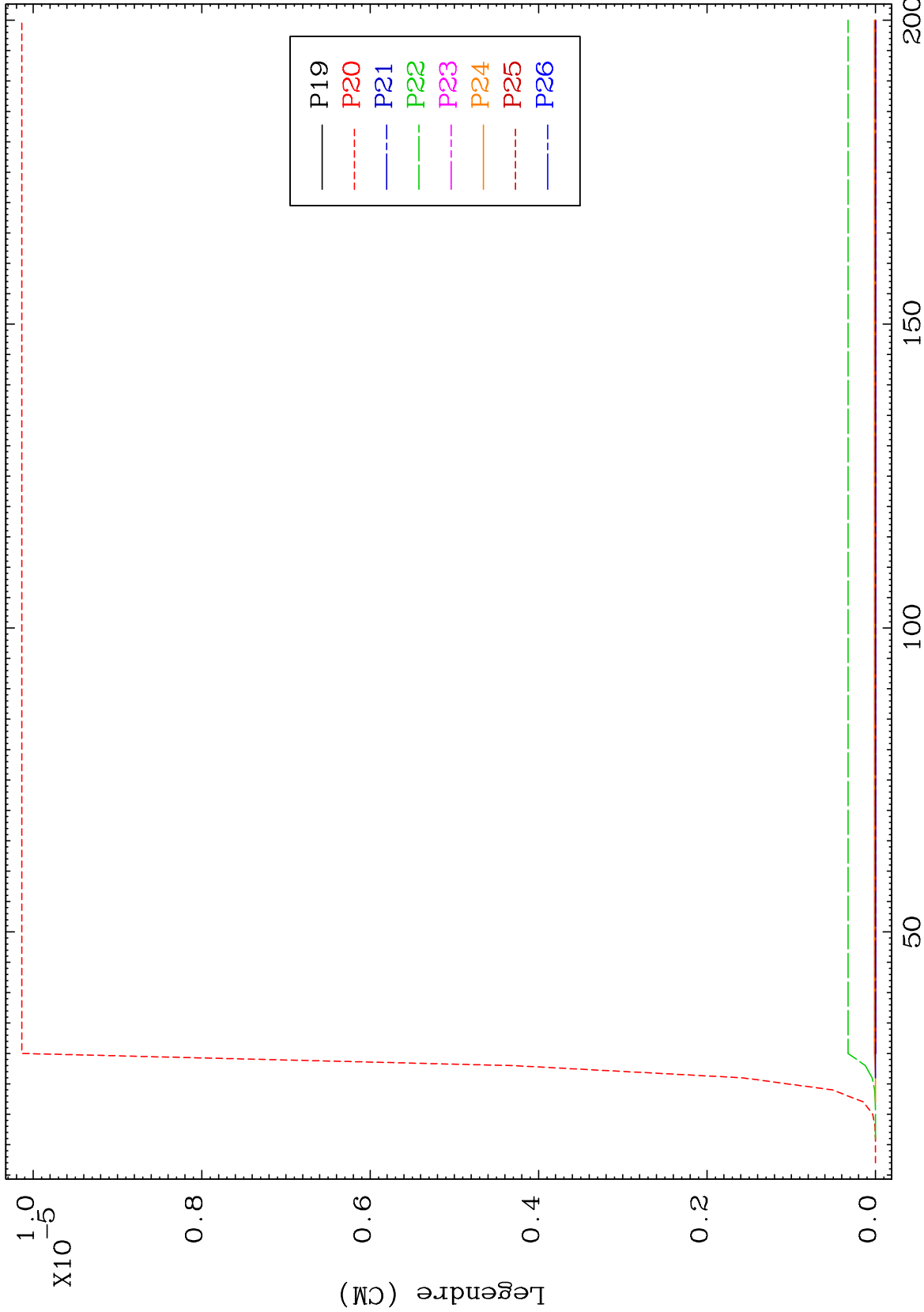


112

Incident Energy (MeV)

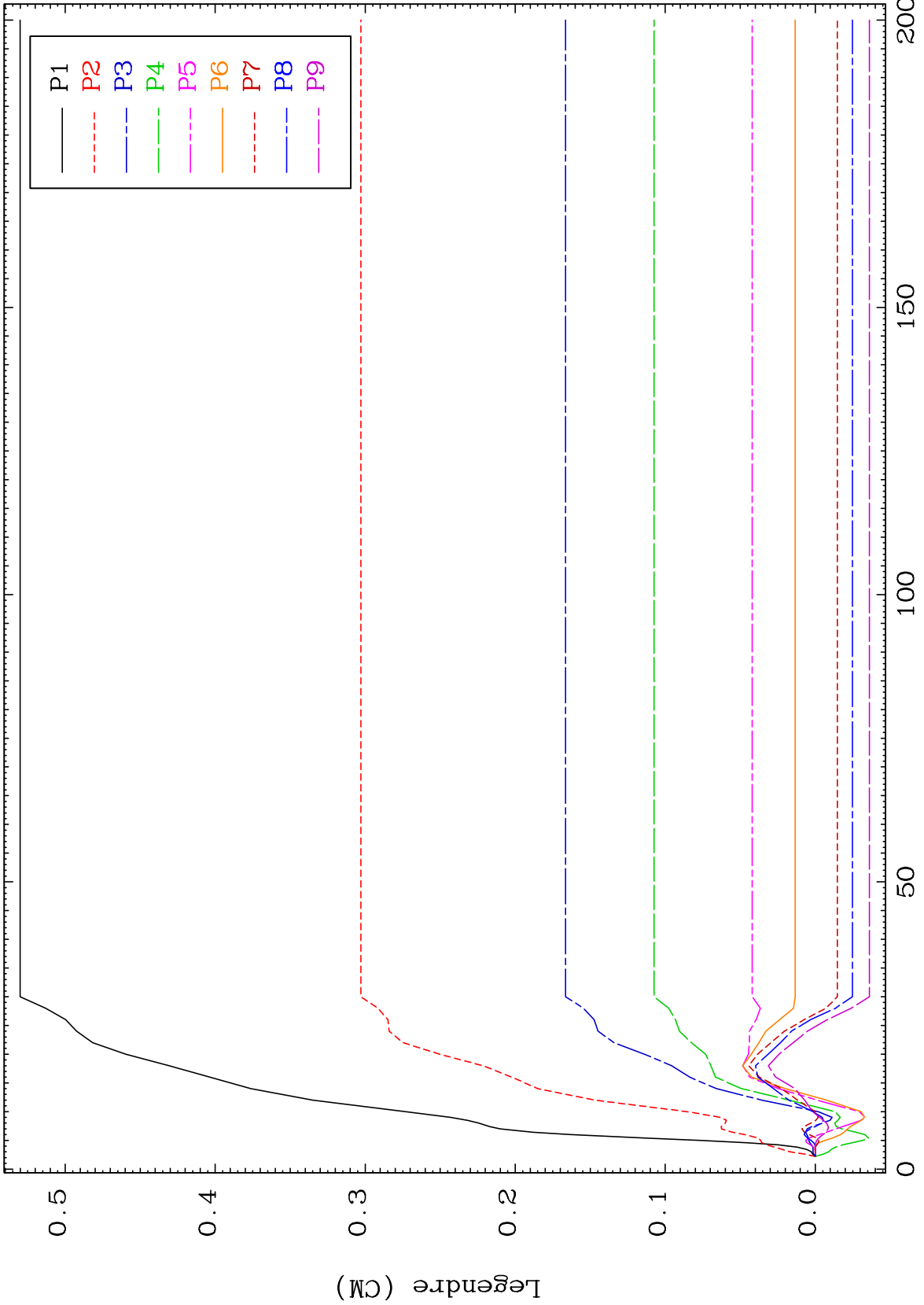
62-Sm-148

MAT 6237 MT= 75 (n,n') Level Legendre Coefficients 62-Sm-148



MAT 6237 MT= 76 (n,n') Level 62-Sm-148

Legendre Coefficients

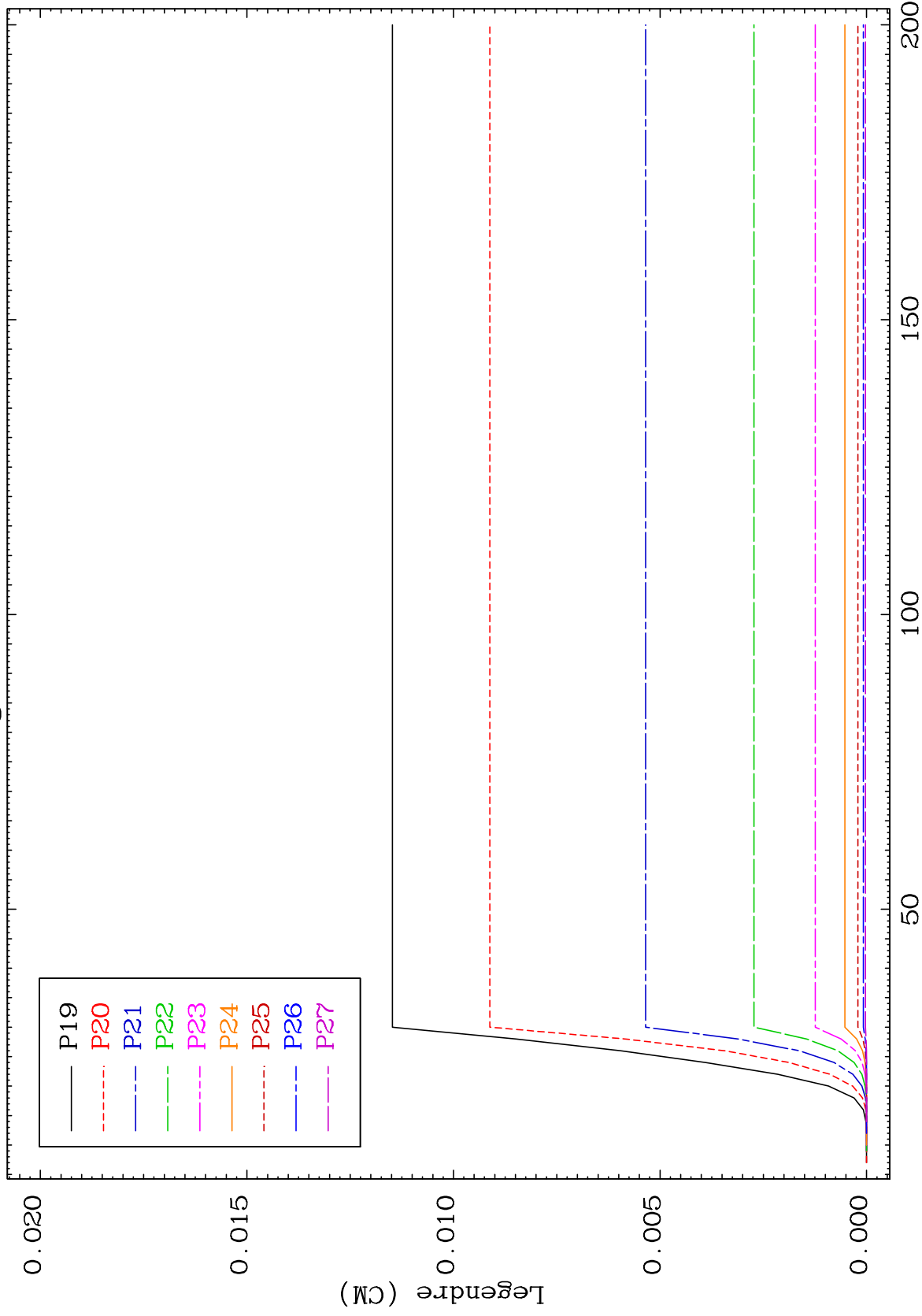


114 Incident Energy (MeV) 62-Sm-148

MAT 6237

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

62-Sm-148



116

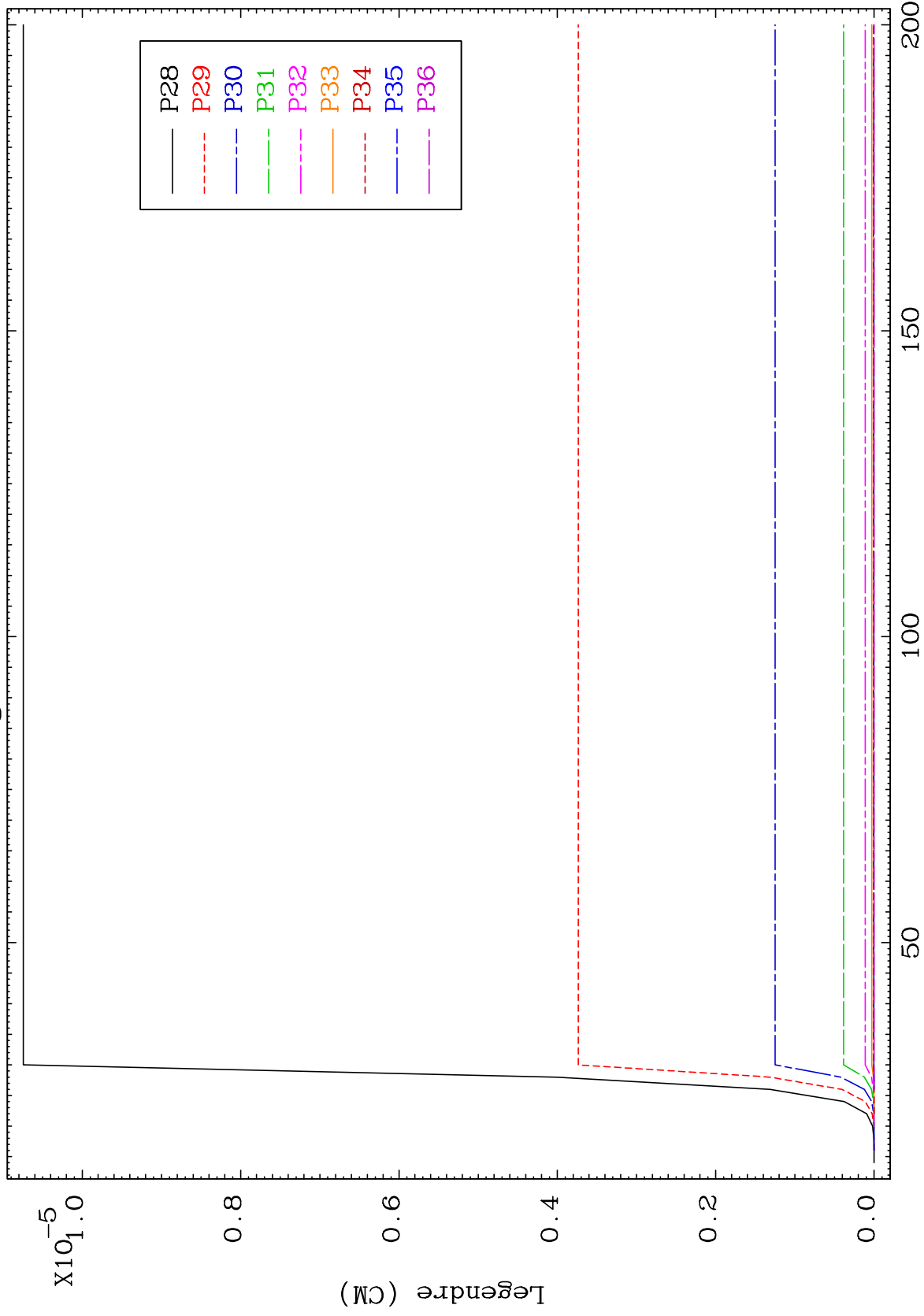
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

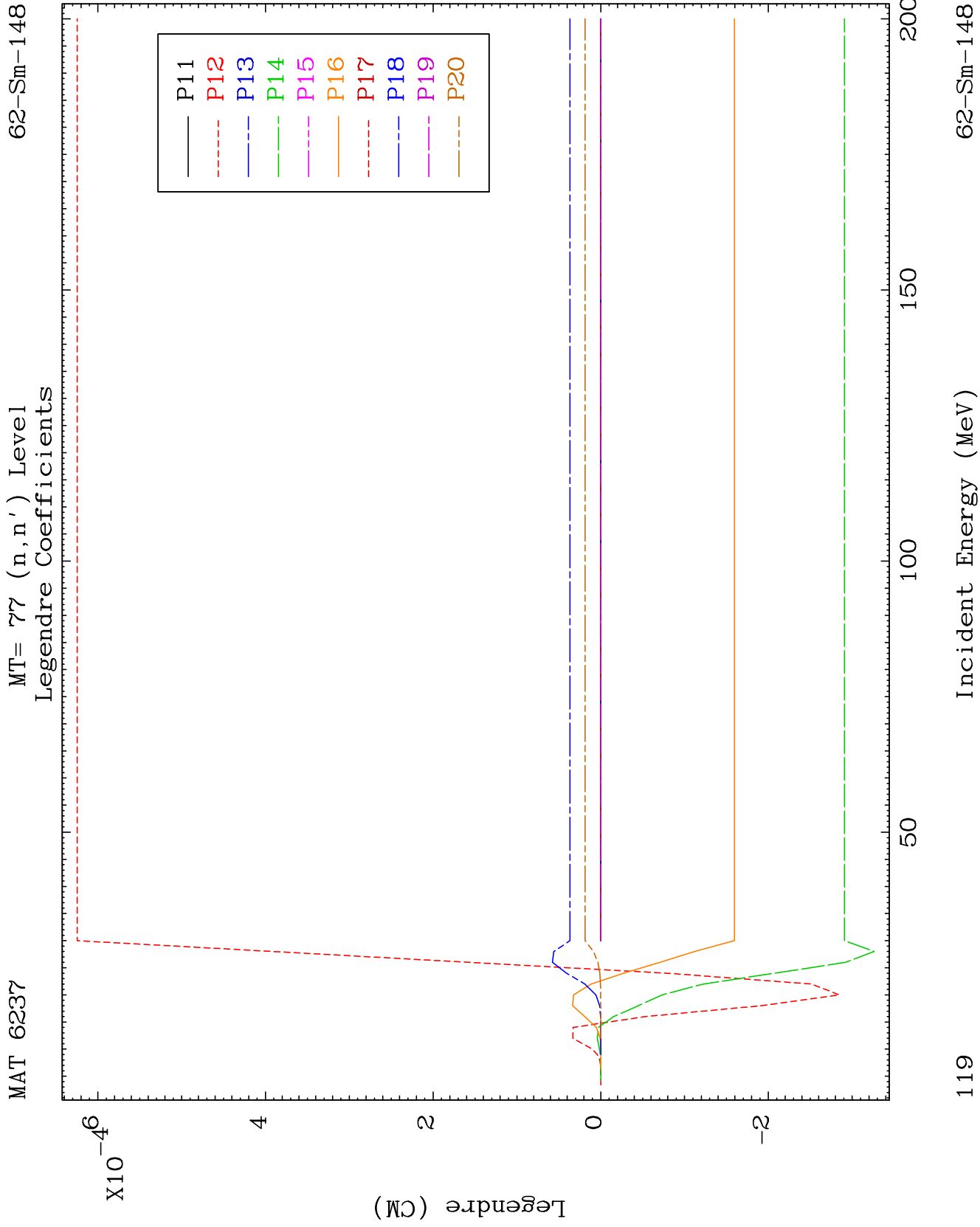
62-Sm-148

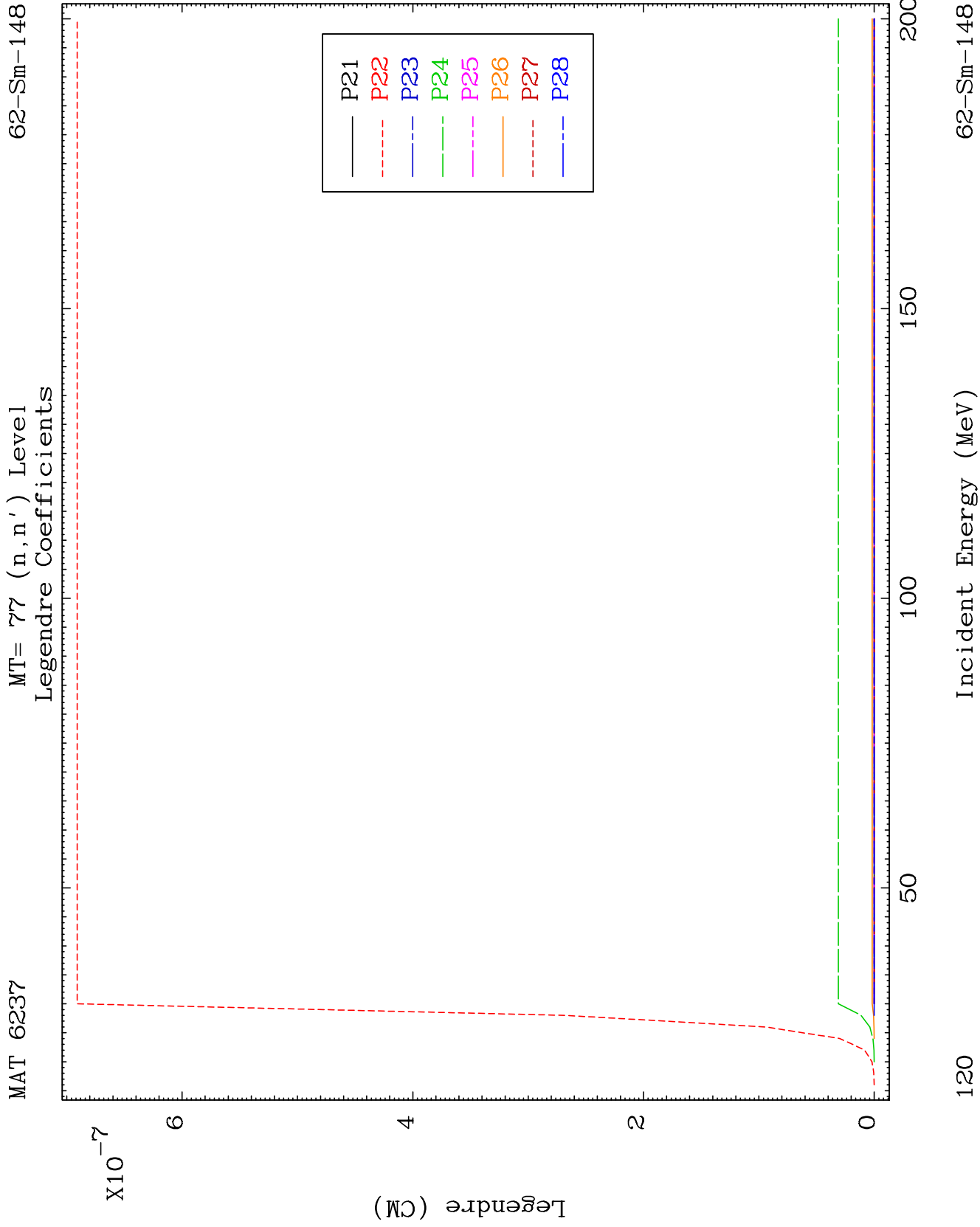


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Incident Energy (MeV)

62-Sm-148

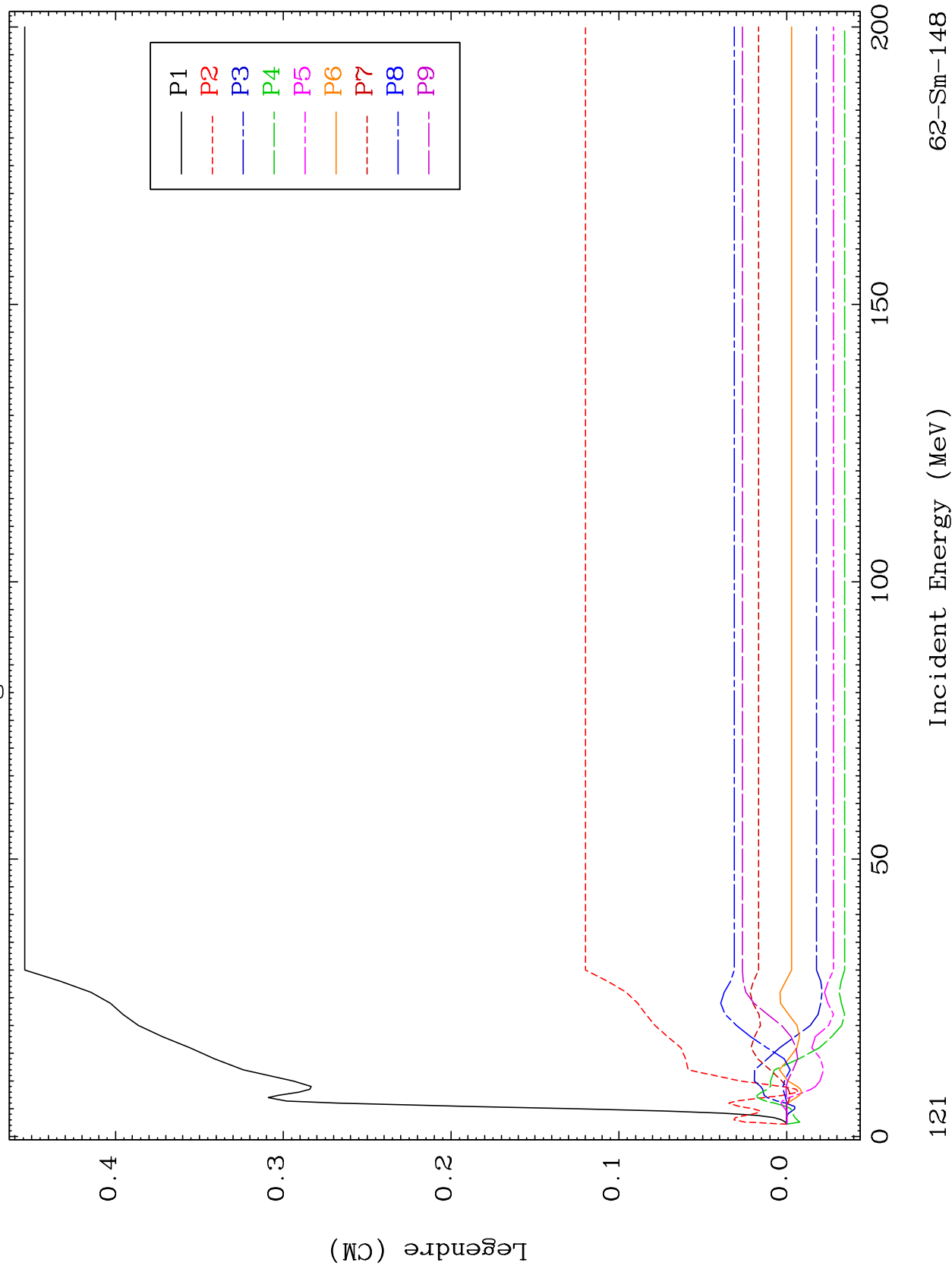




MAT 6237

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

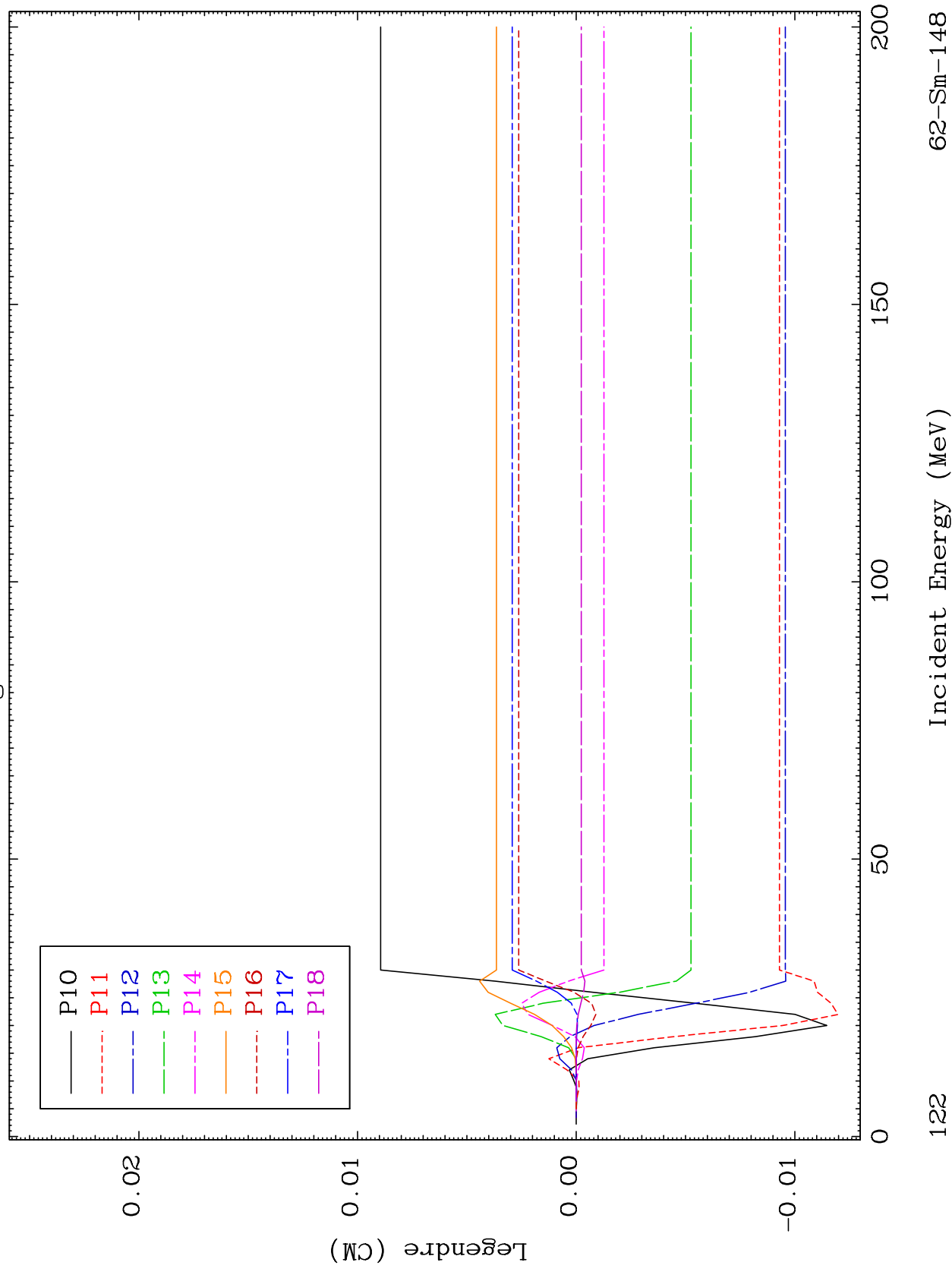
62-Sm-148

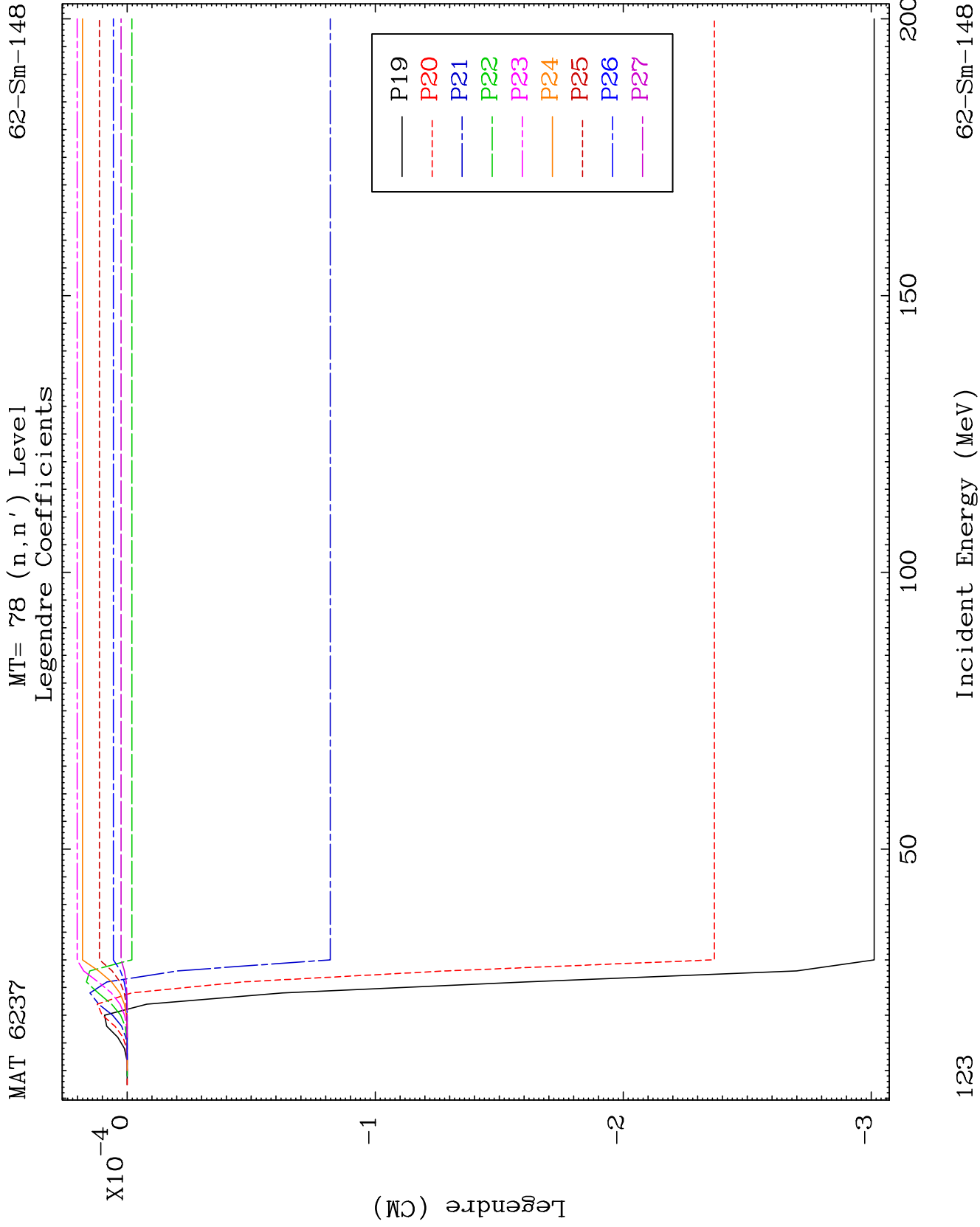


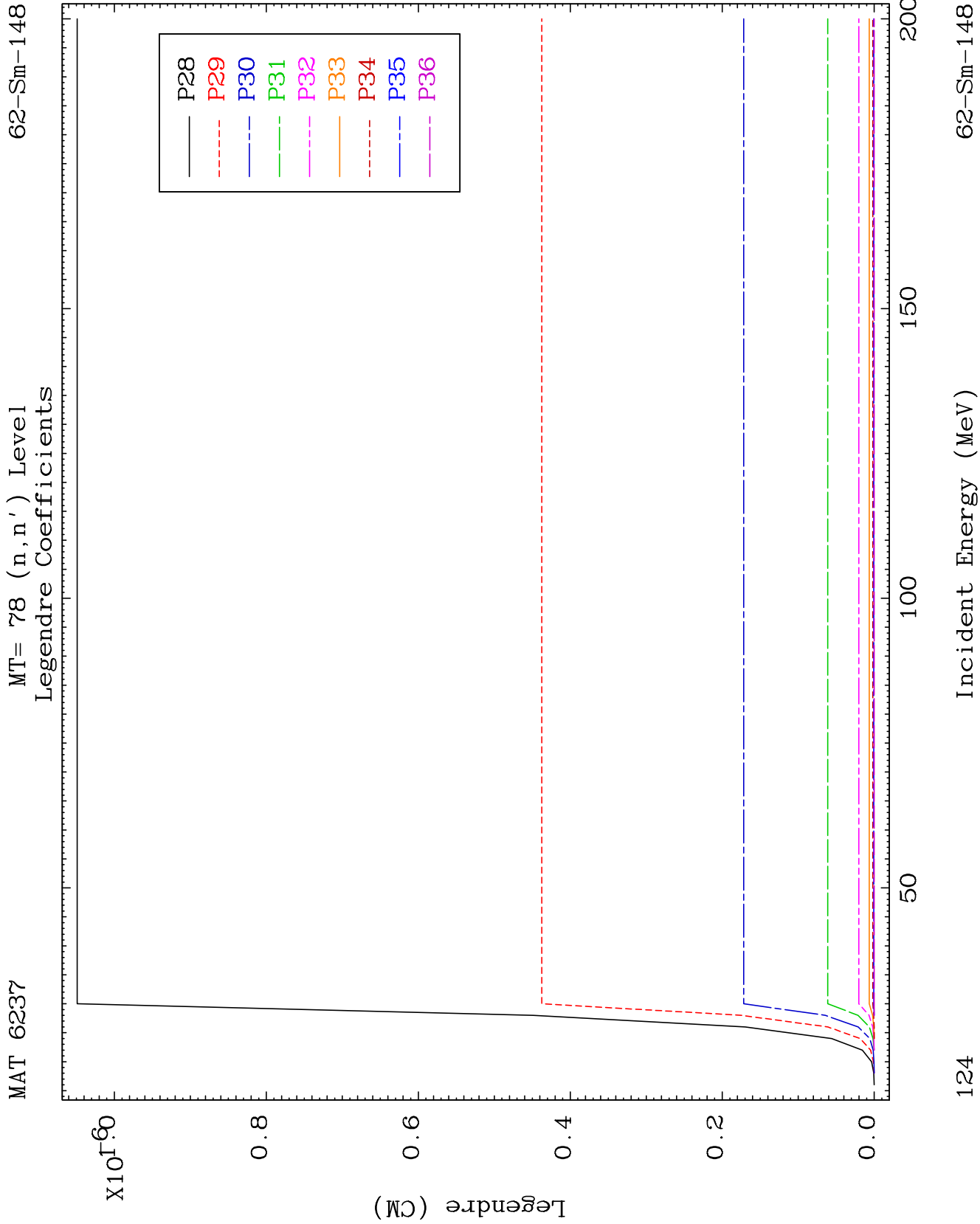
MAT 6237

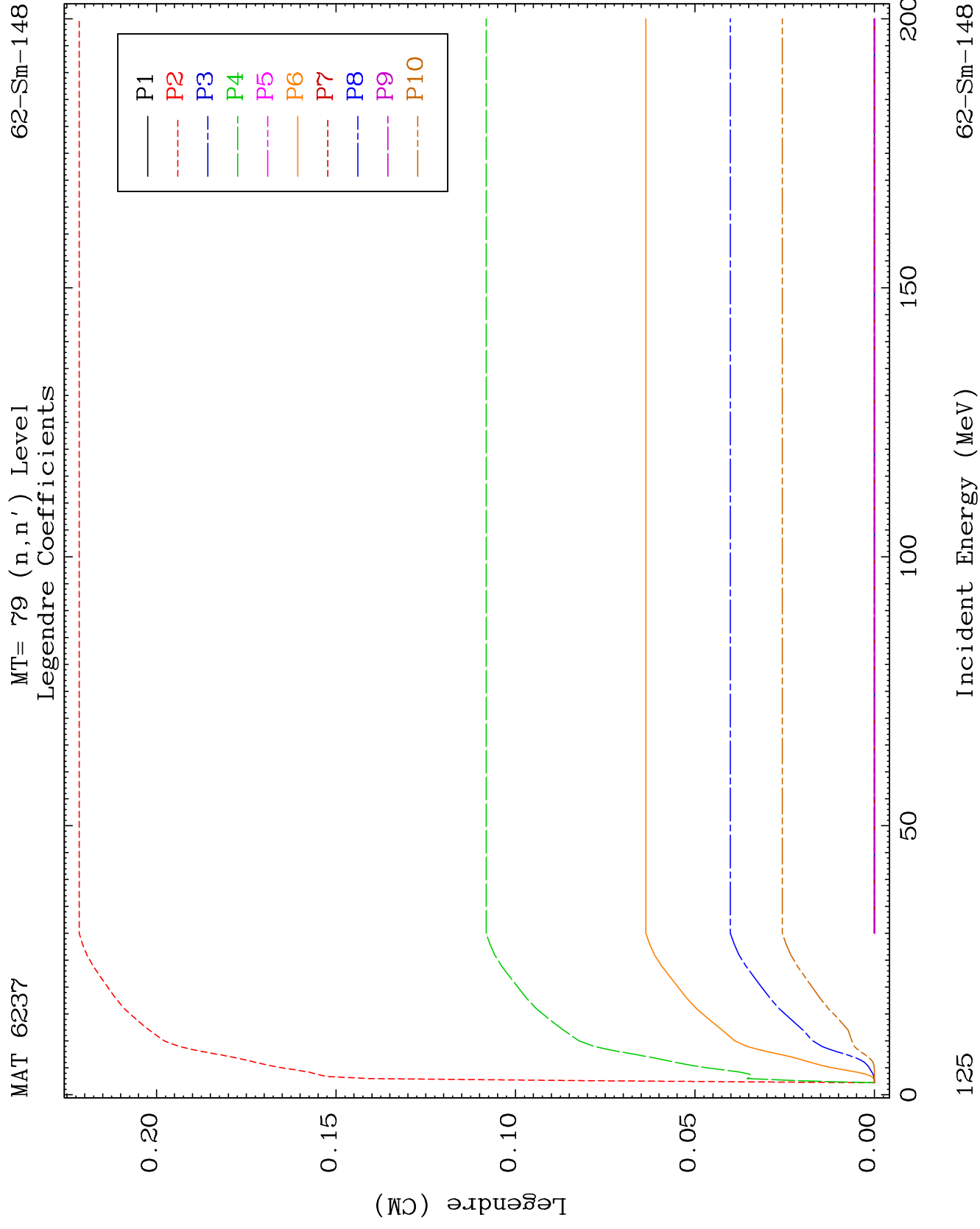
MT= 78 (n, n') Level
Legendre Coefficients

62-Sm-148





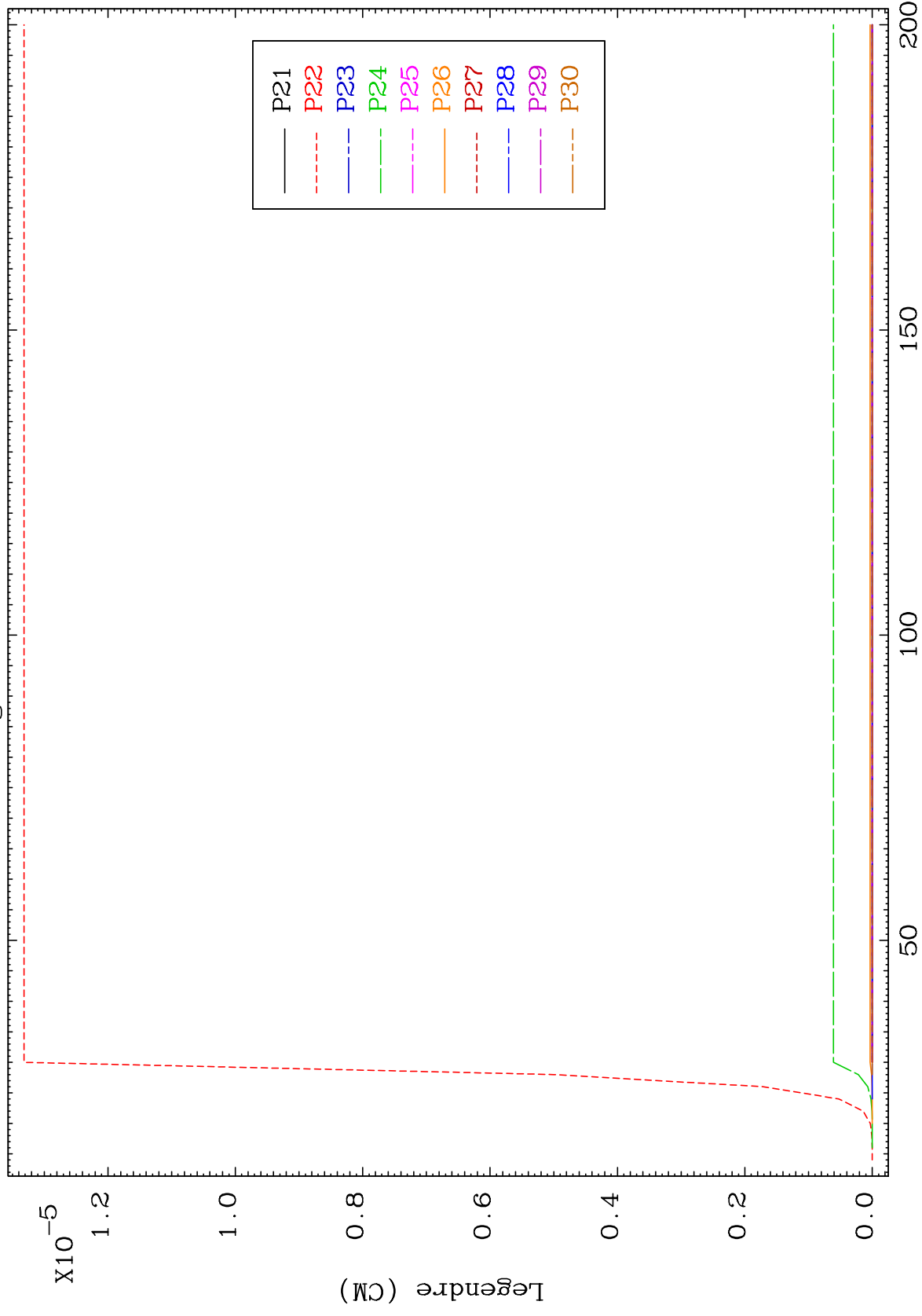




MAT 6237

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

62-Sm-148

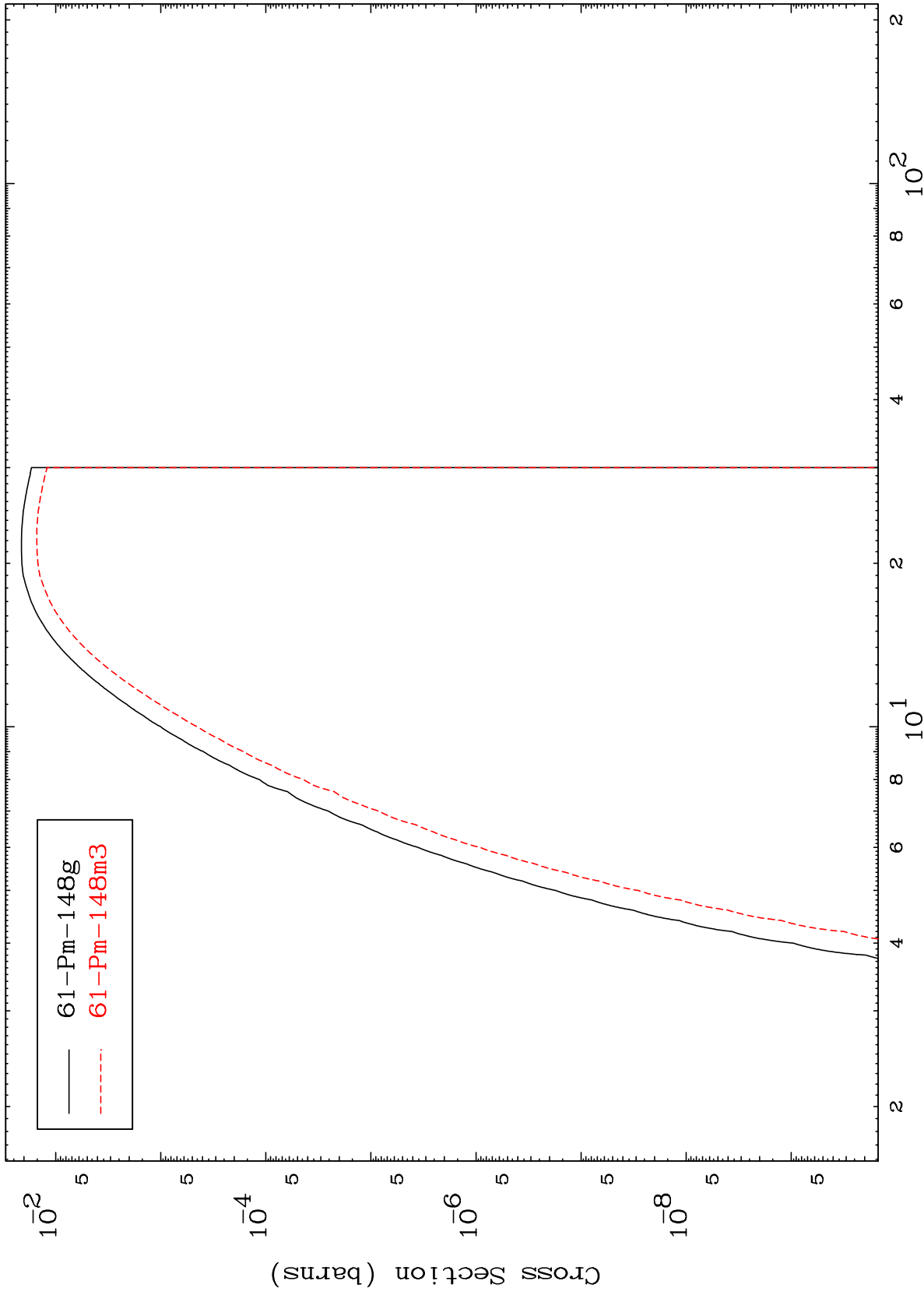


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Incident Energy (MeV)

62-Sm-148

(n,p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

