

Program EVALPLOT
(Version 2021-1)

by

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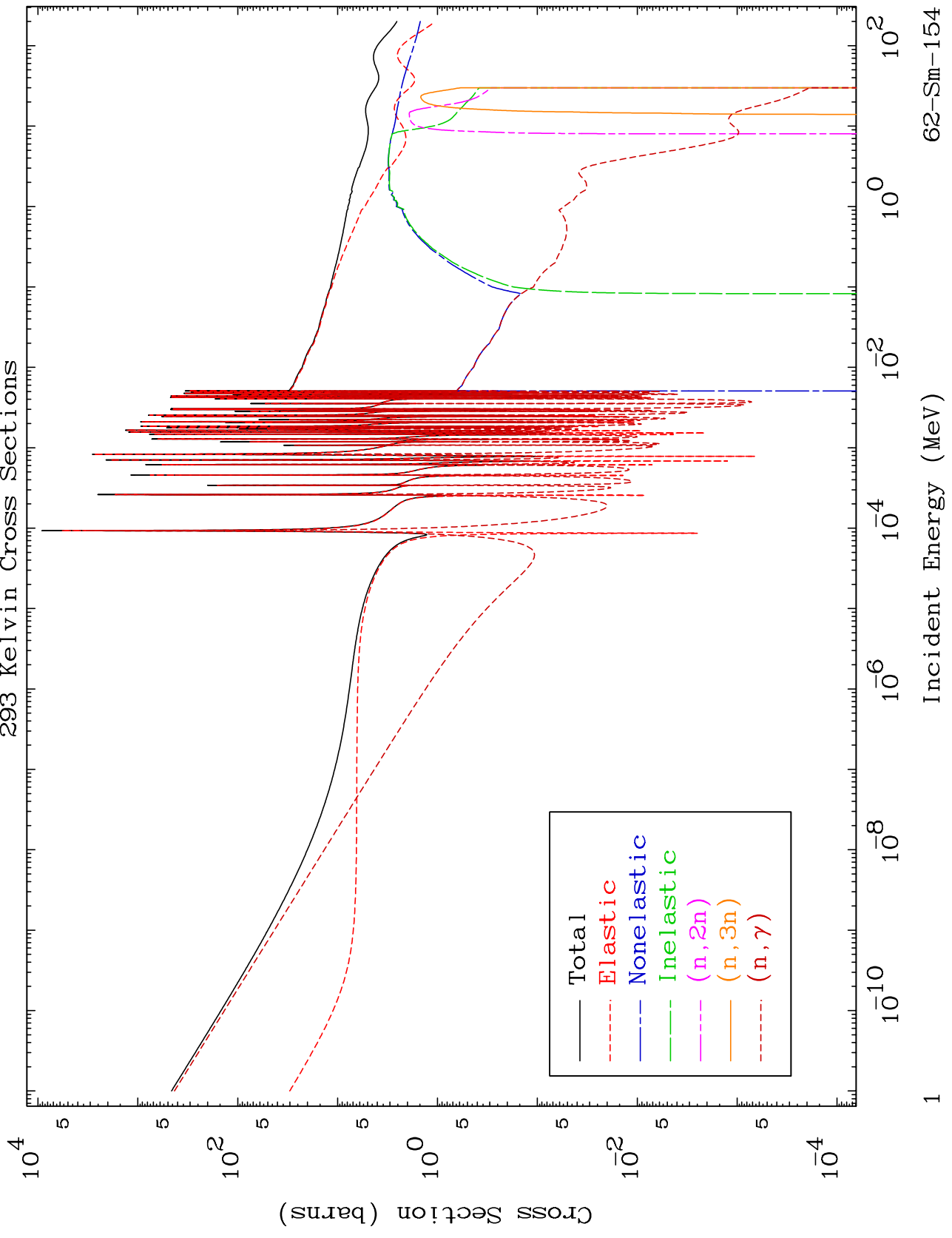
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6255

Neutron Major
293 Kelvin Cross Sections

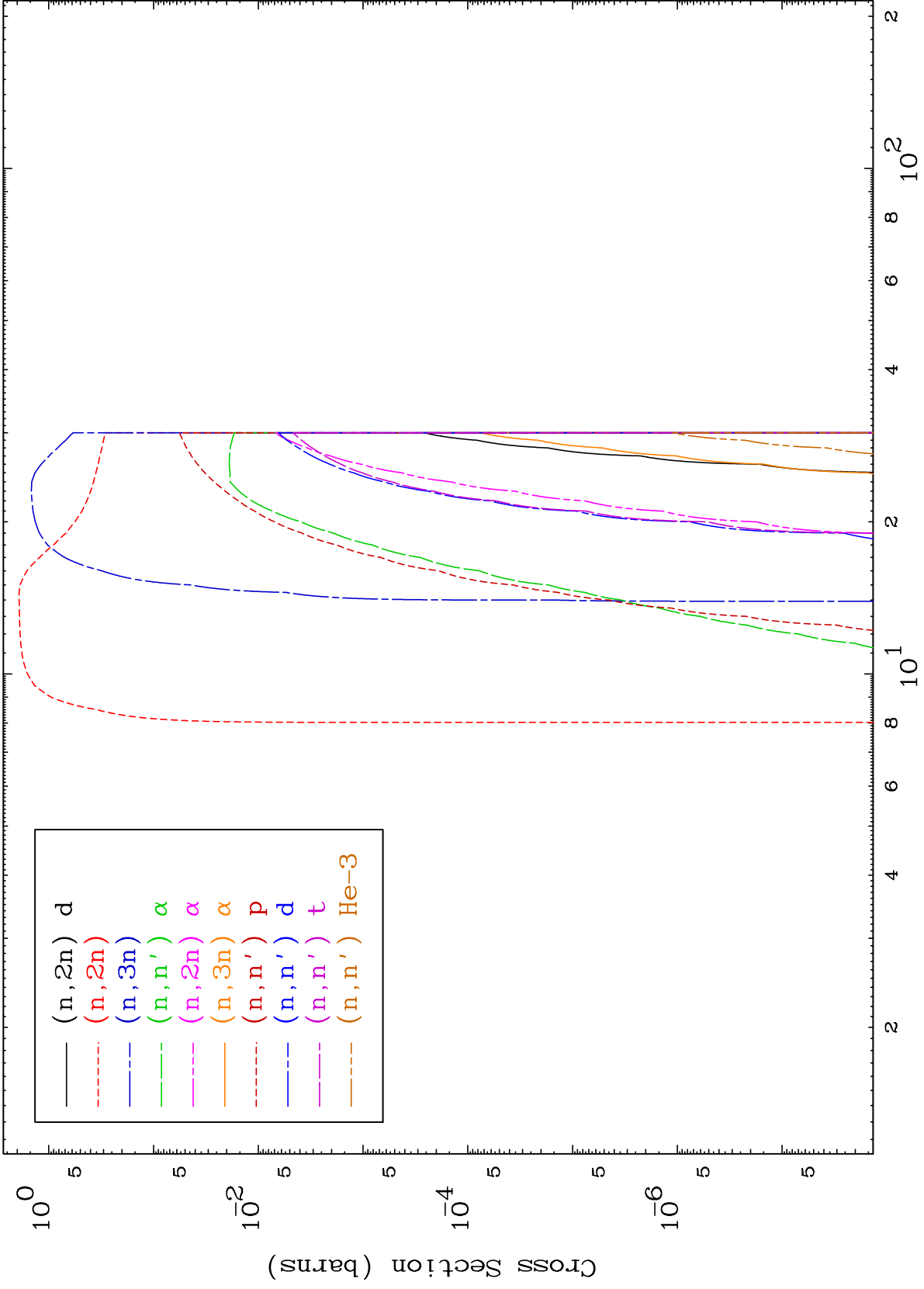
62-Sm-154



MAT 6255

Neutron Absorption
293 Kelvin Cross Sections

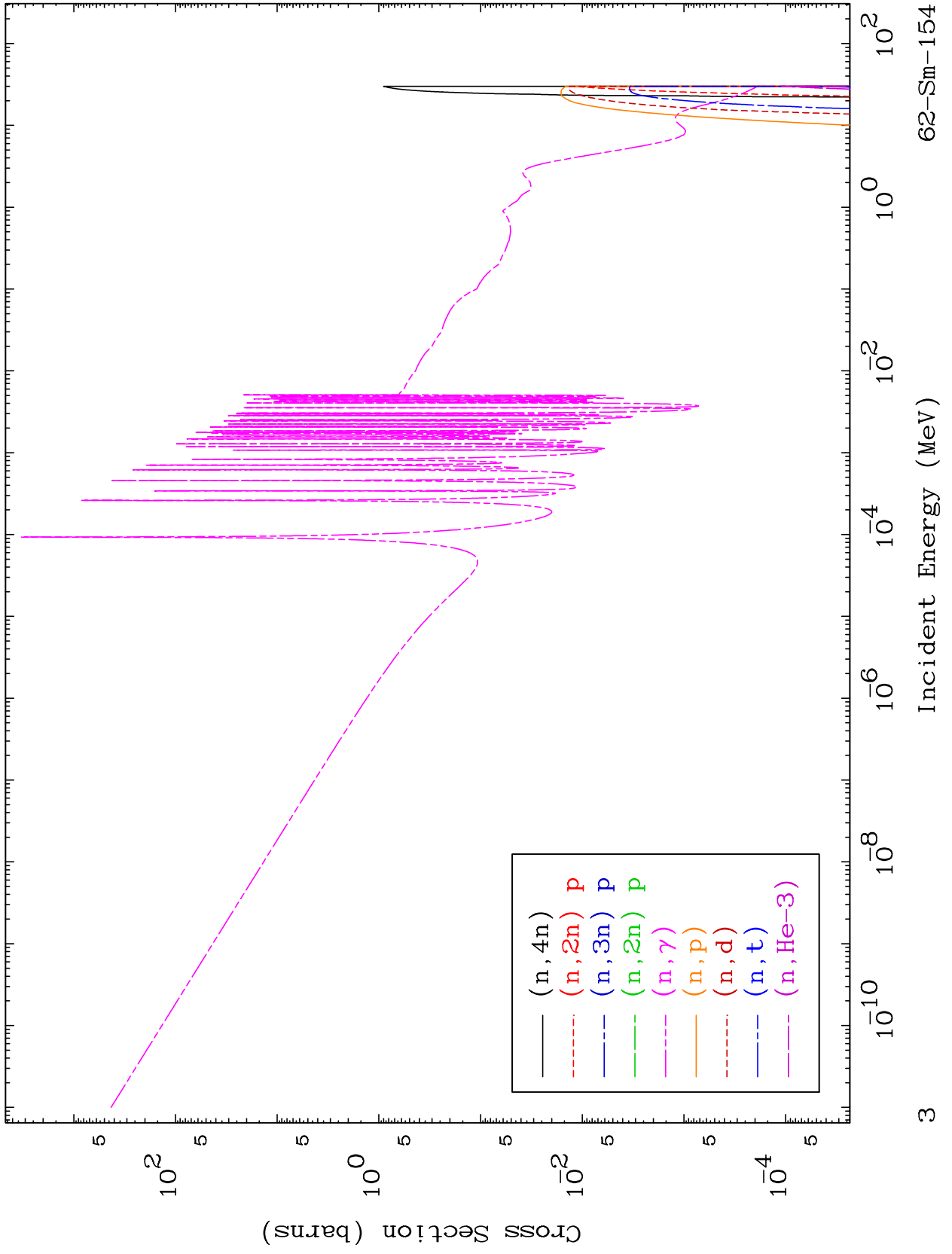
62-Sm-154



MAT 6255

Neutron Absorption
293 Kelvin Cross Sections

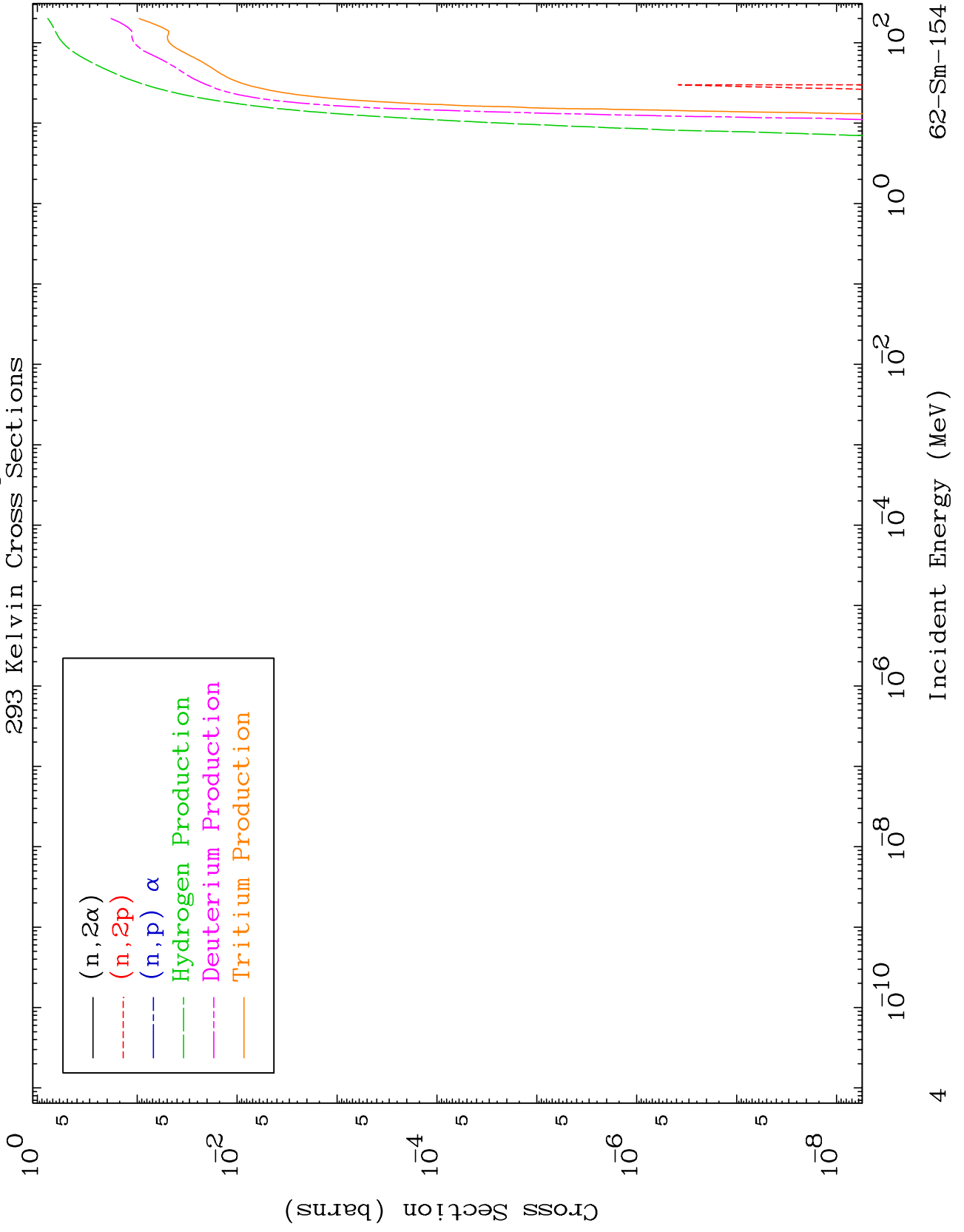
62-Sm-154

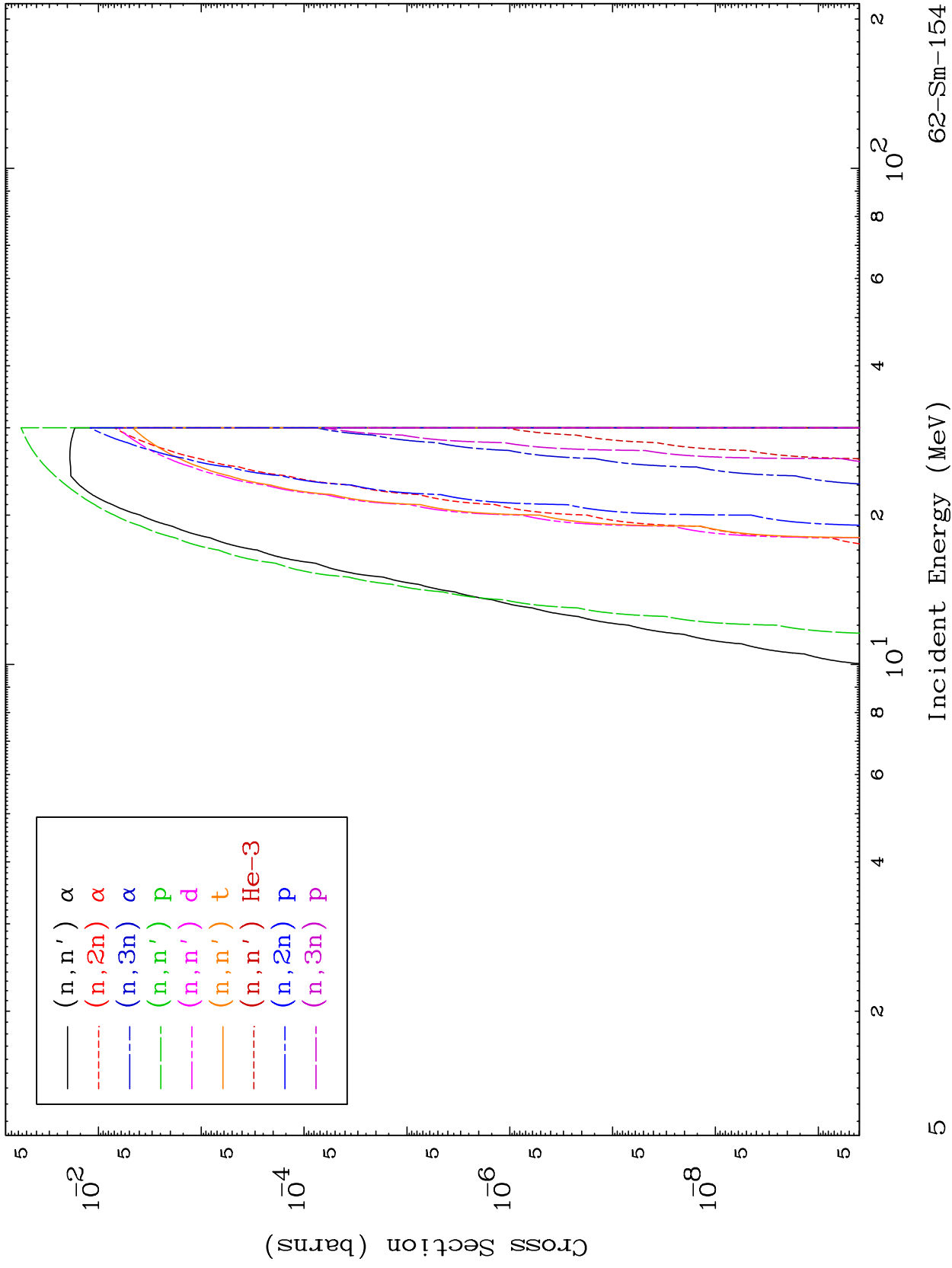


MAT 6255

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-154

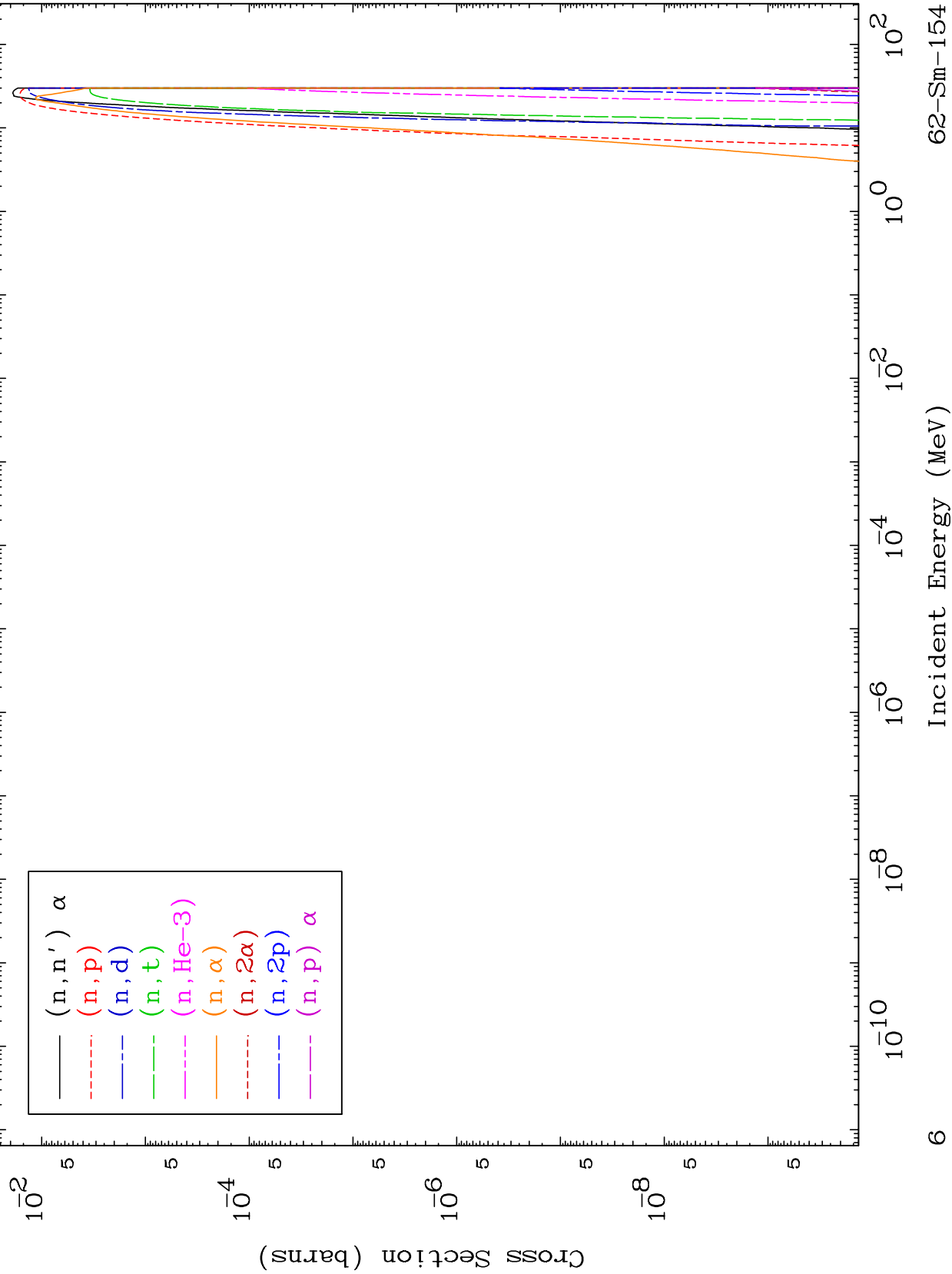




MAT 6255

Charged Particle
293 Kelvin Cross Sections

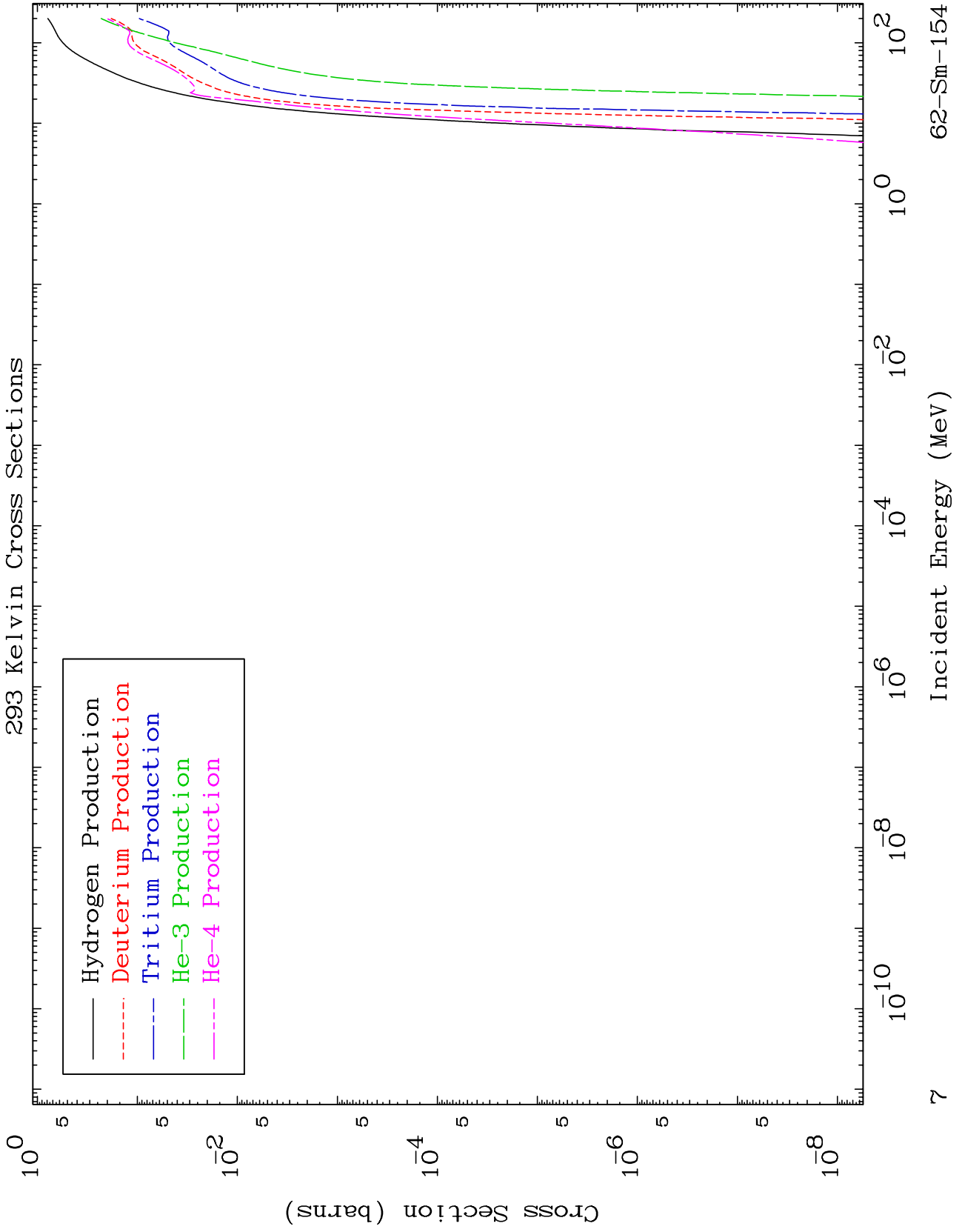
62-Sm-154



MAT 6255

Particle Production
293 Kelvin Cross Sections

62-Sm-154

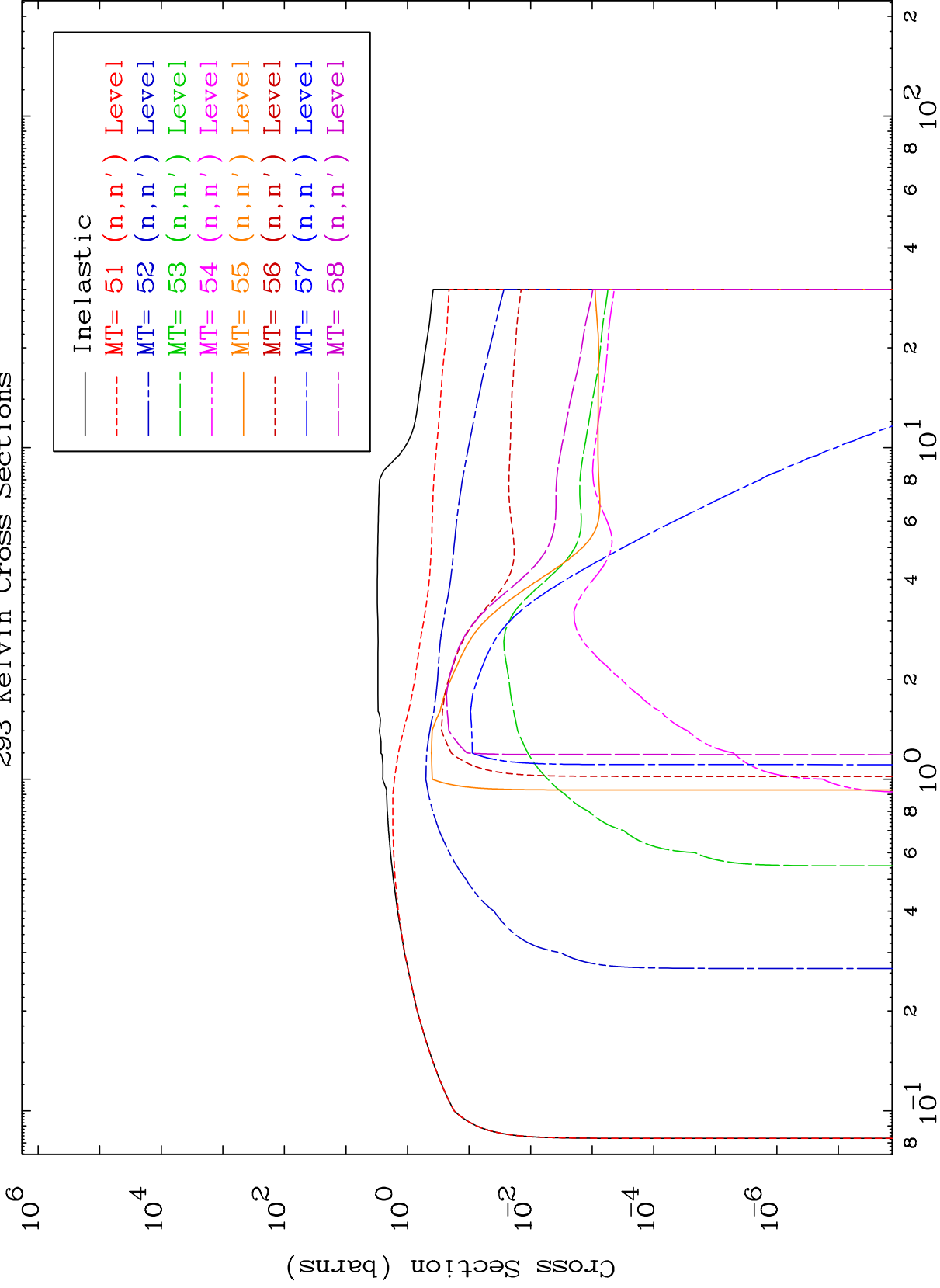


MAT 6255

(n,n') Levels

293 Kelvin Cross Sections

62-Sm-154



8

Incident Energy (MeV)

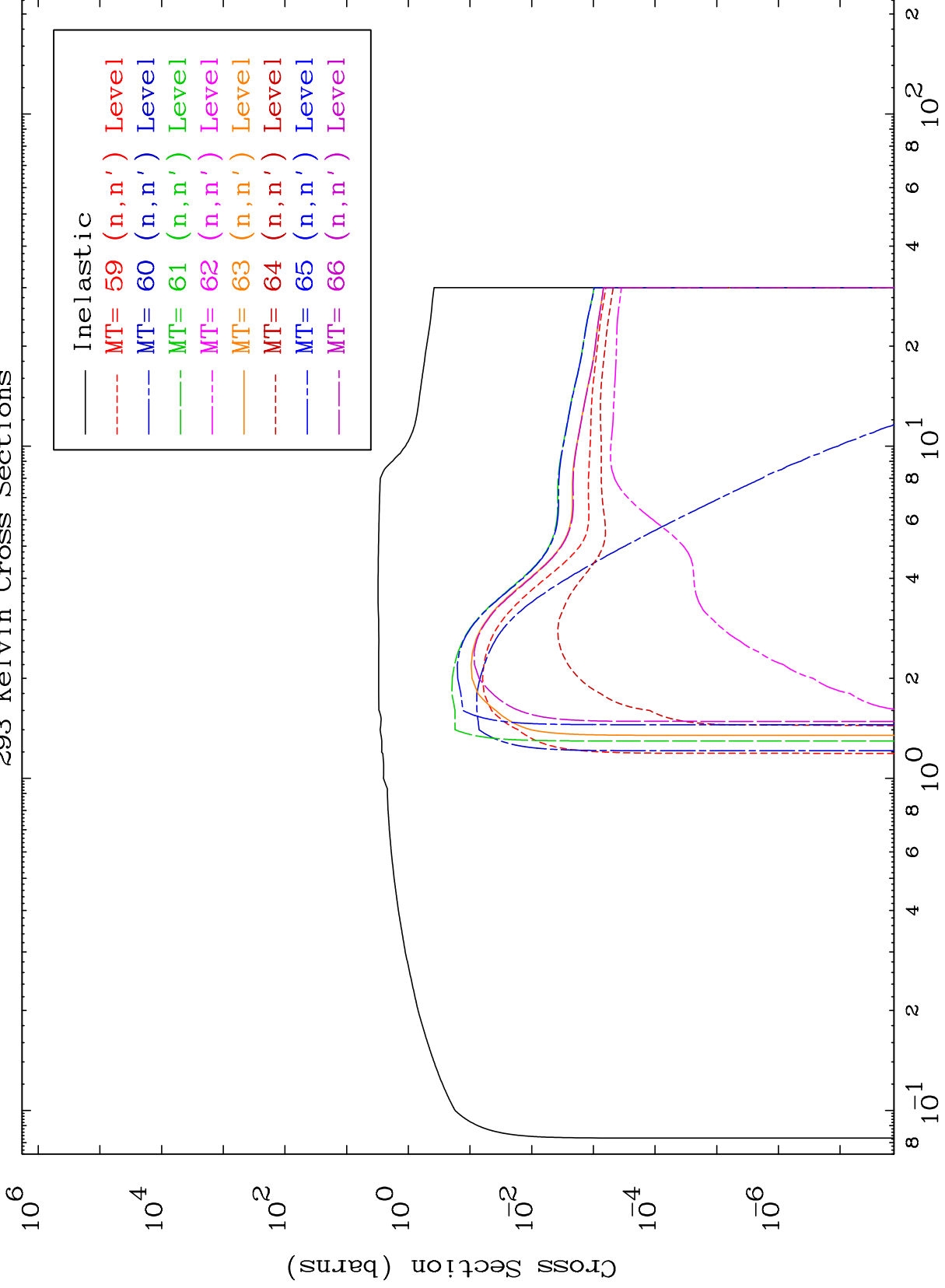
62-Sm-154

MAT 6255

(n,n') Levels

62-Sm-154

293 Kelvin Cross Sections



9

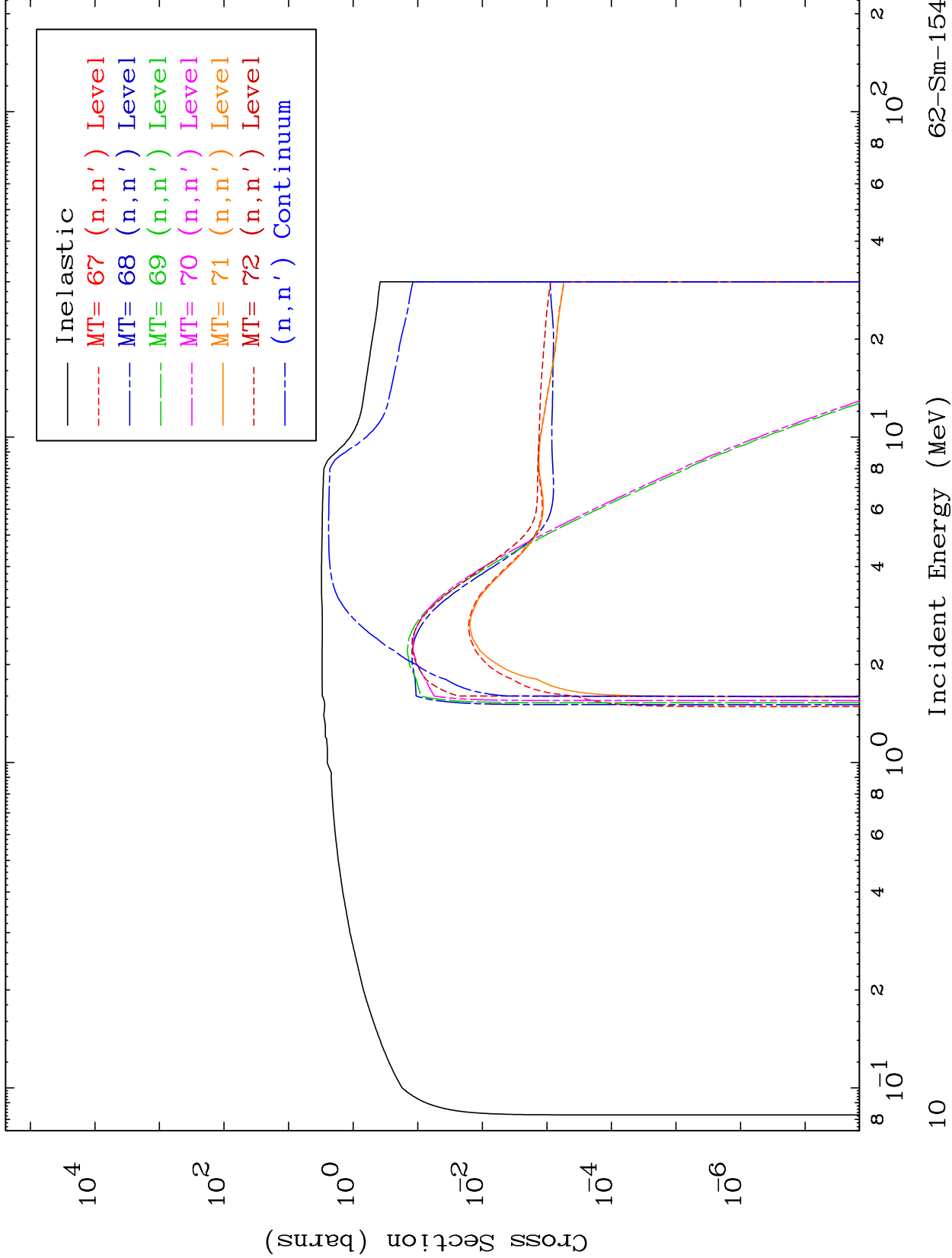
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,n') Levels
293 Kelvin Cross Sections

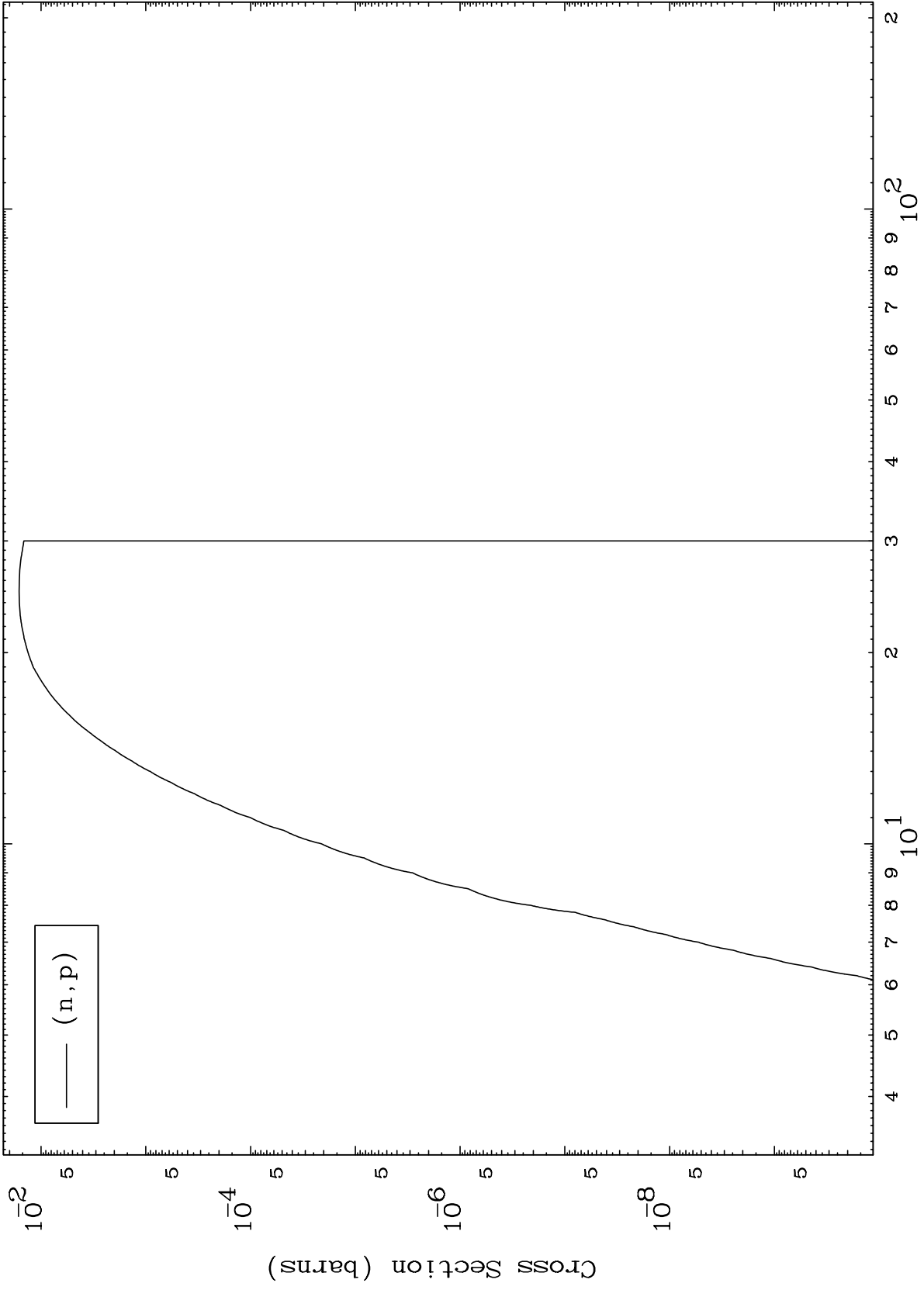
62-Sm-154



MAT 6255

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-154

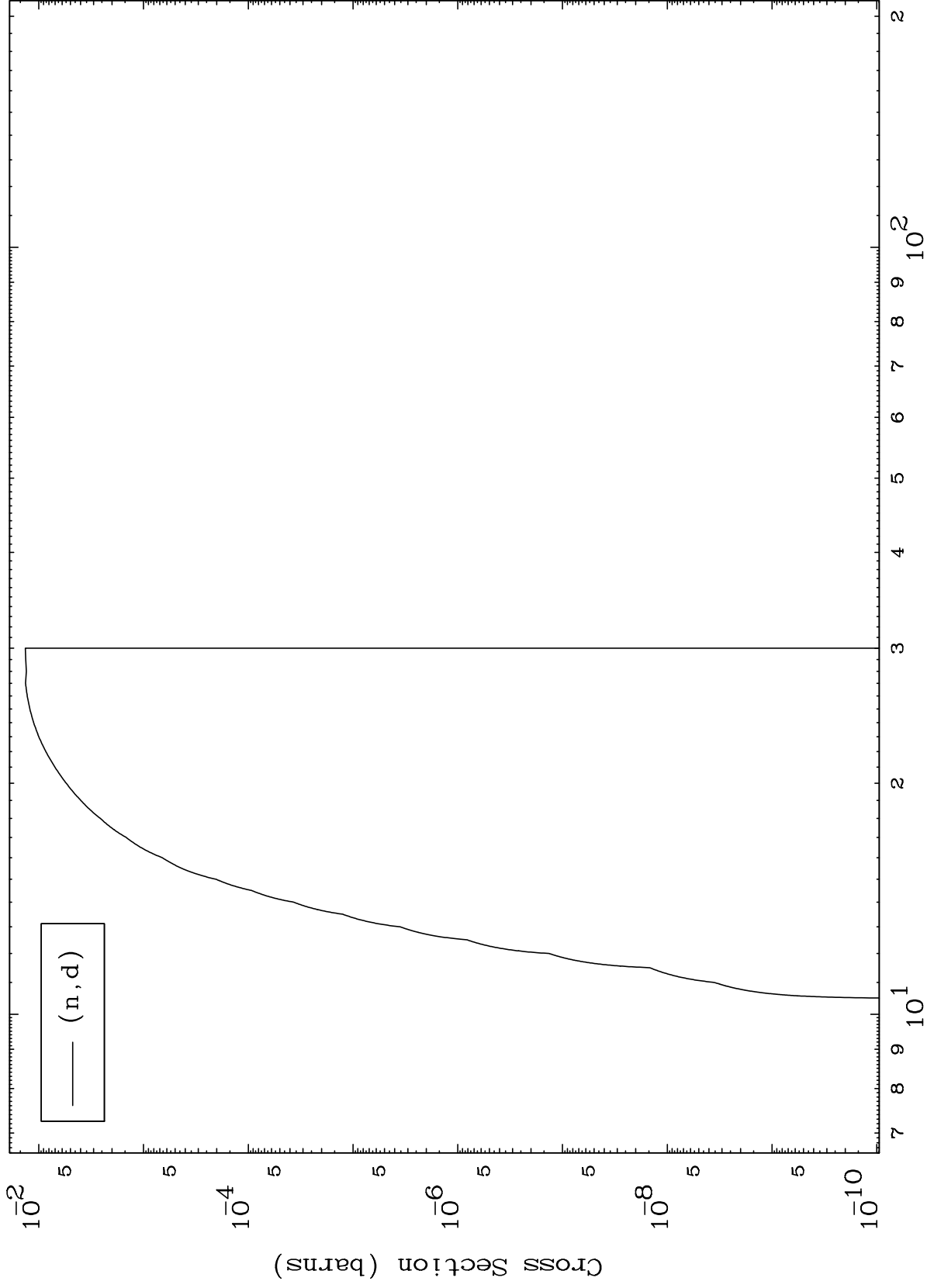


(n,p)

MAT 6255

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-154



12

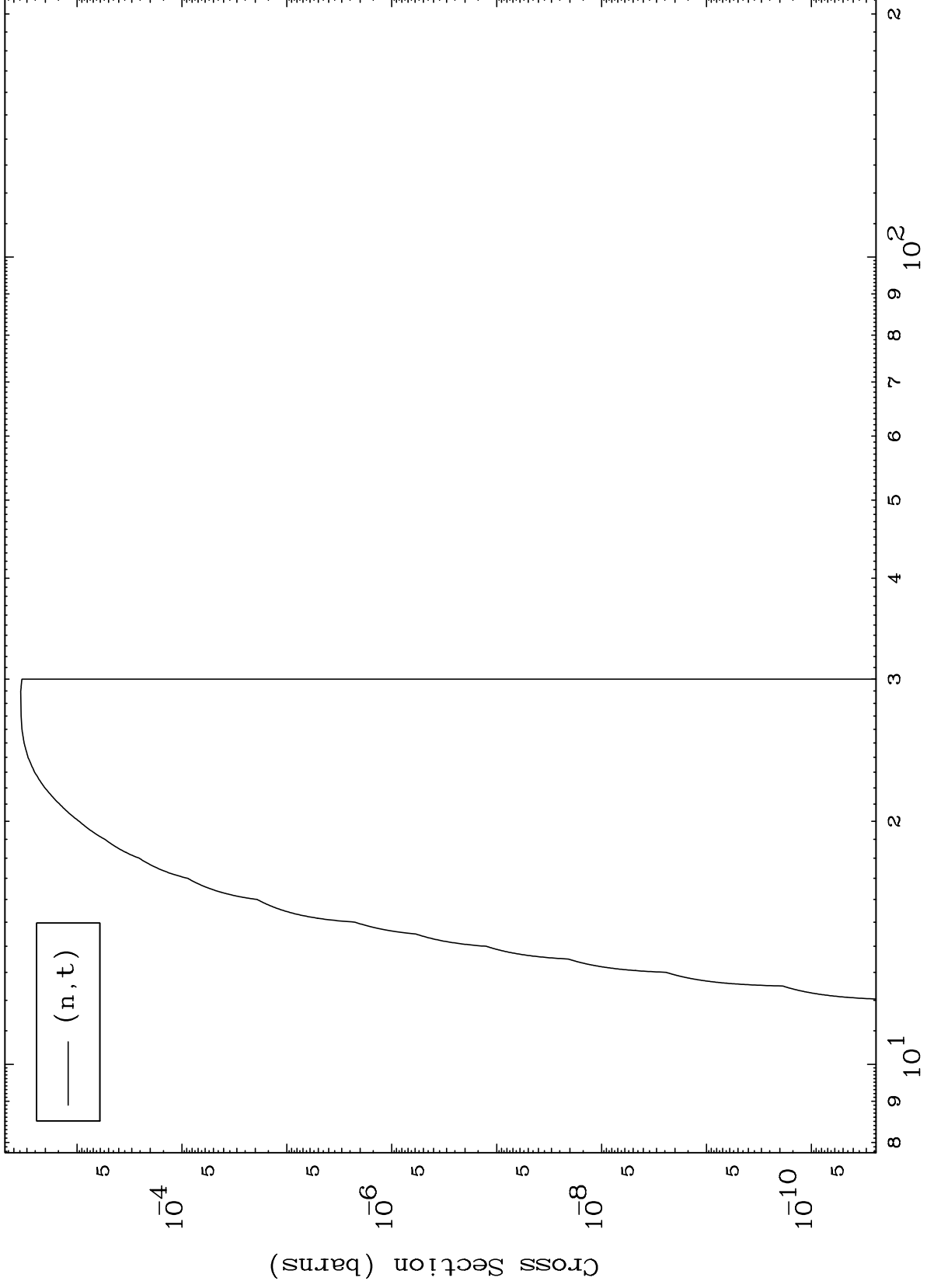
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-154



13

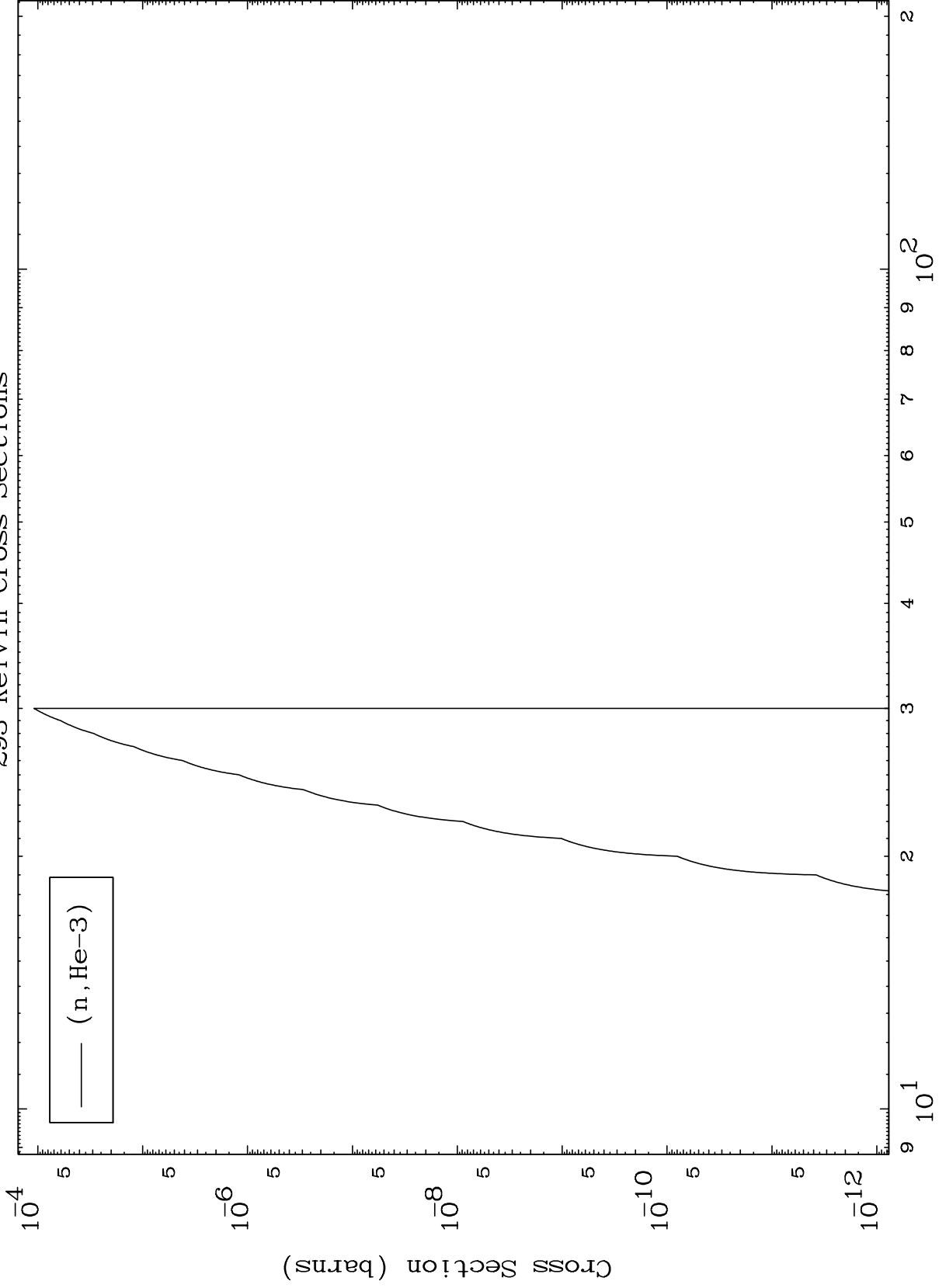
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-154



14

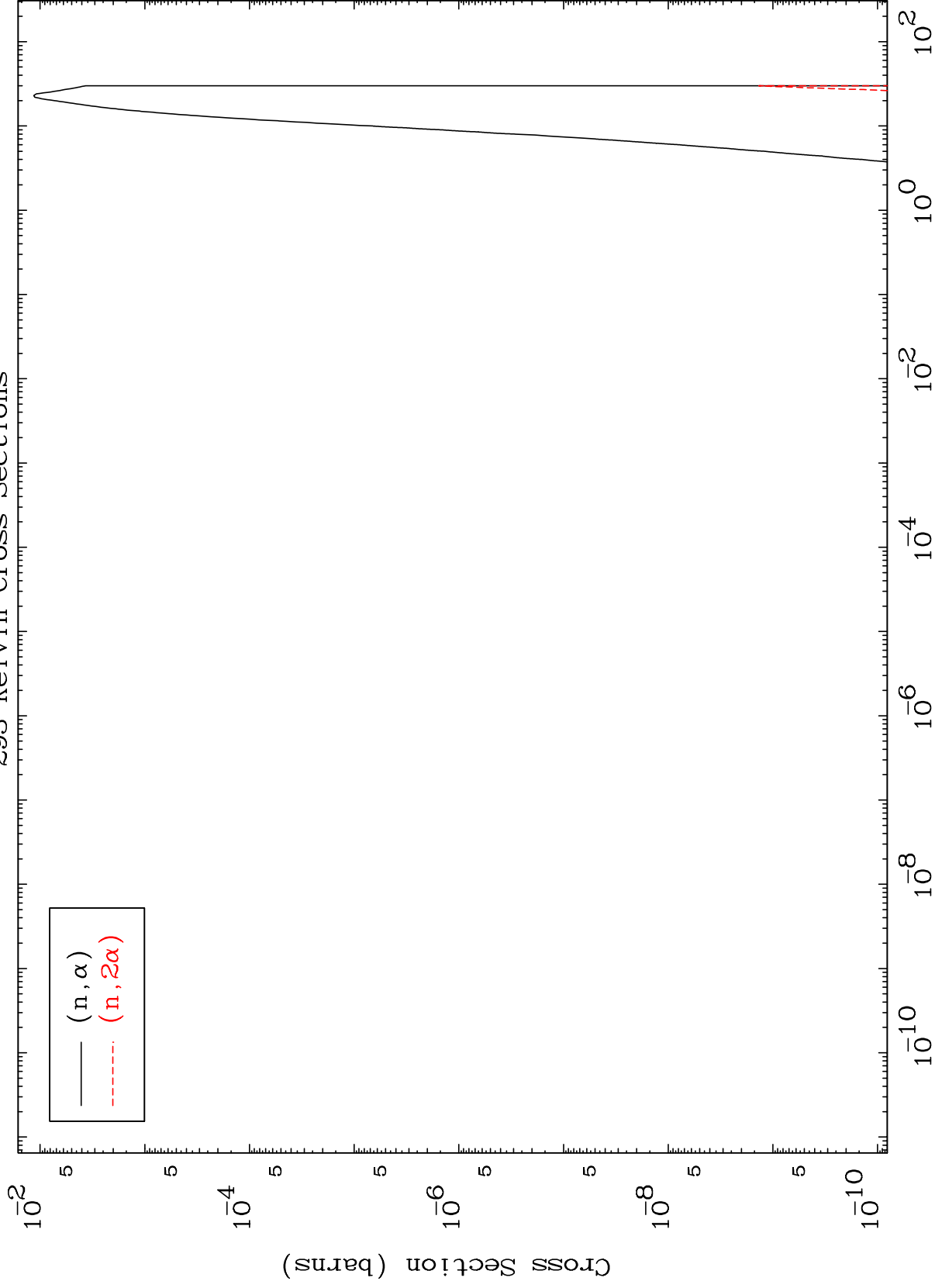
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-154



15

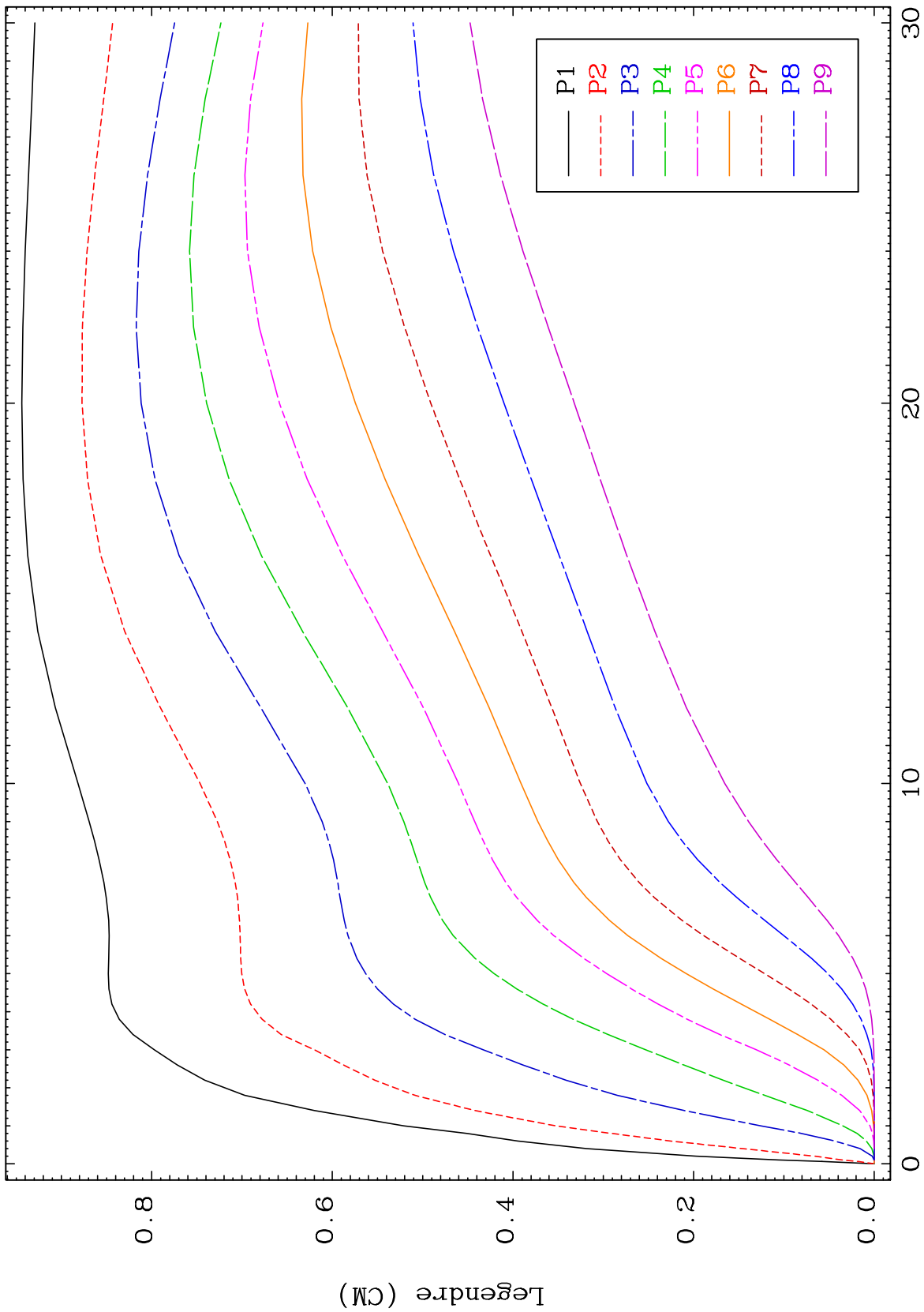
Incident Energy (MeV)

62-Sm-154

MAT 6255

Elastic Legendre Coefficients

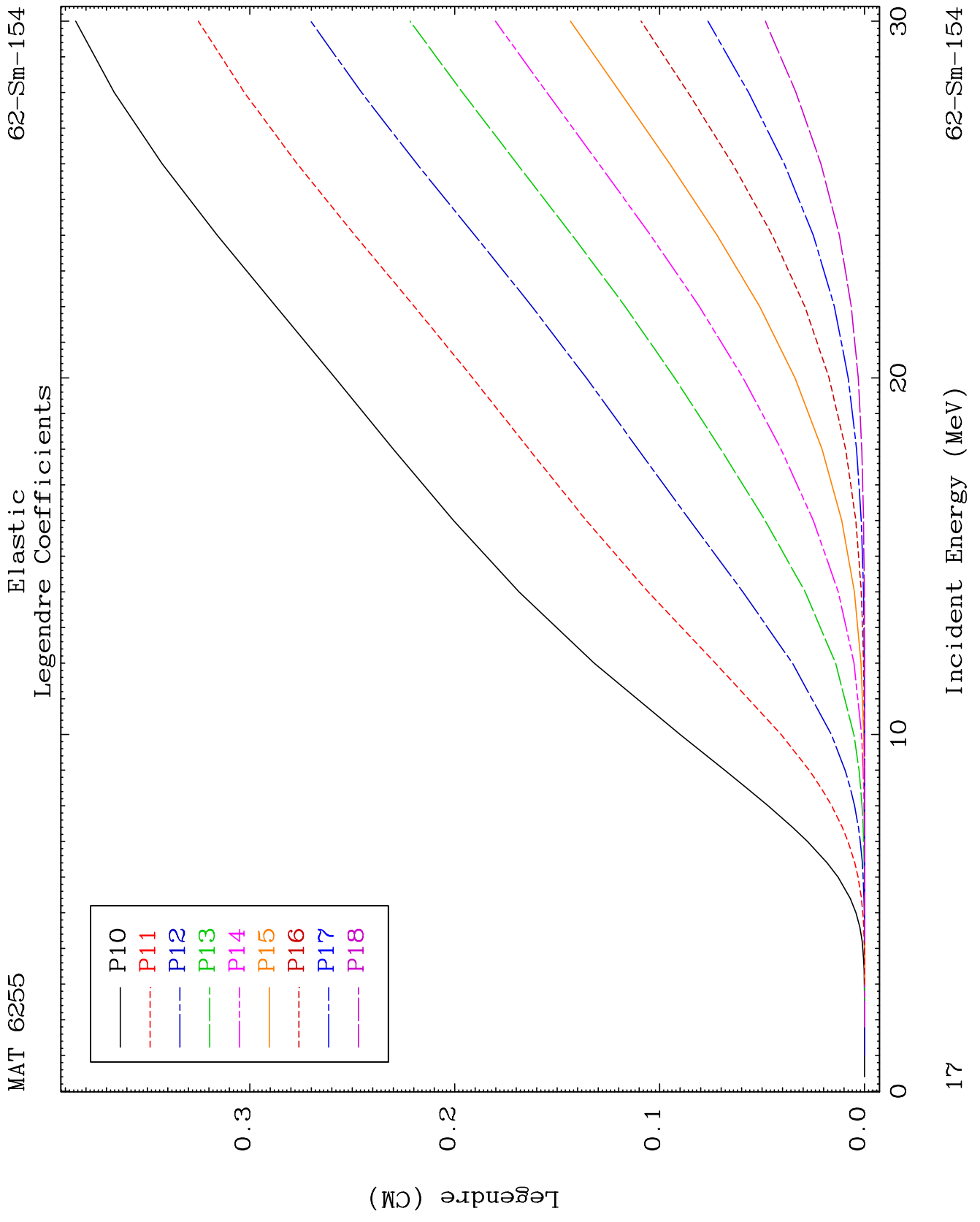
62-Sm-154



16

Incident Energy (MeV)

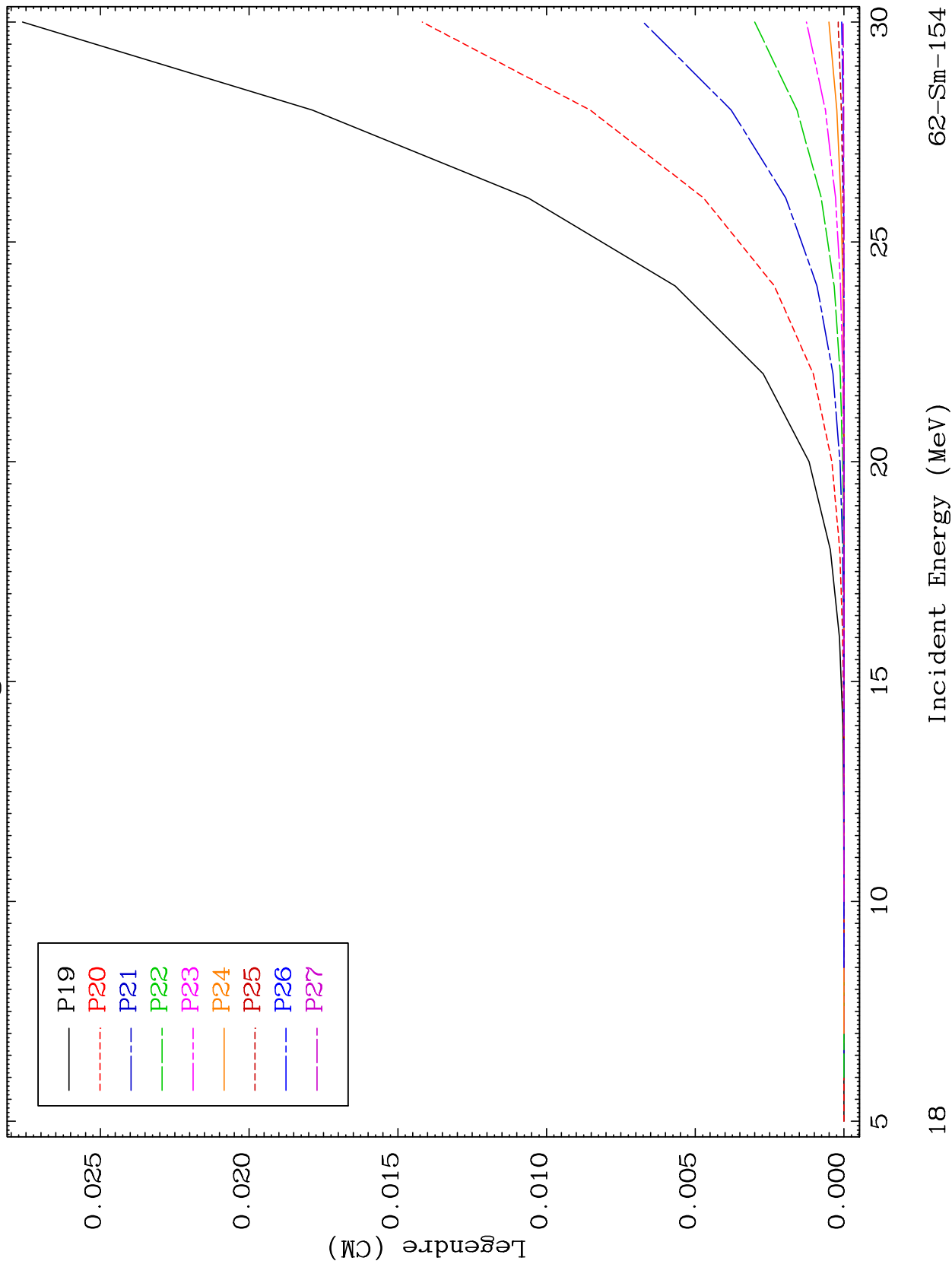
62-Sm-154



MAT 6255

Elastic
Legendre Coefficients

62-Sm-154



18

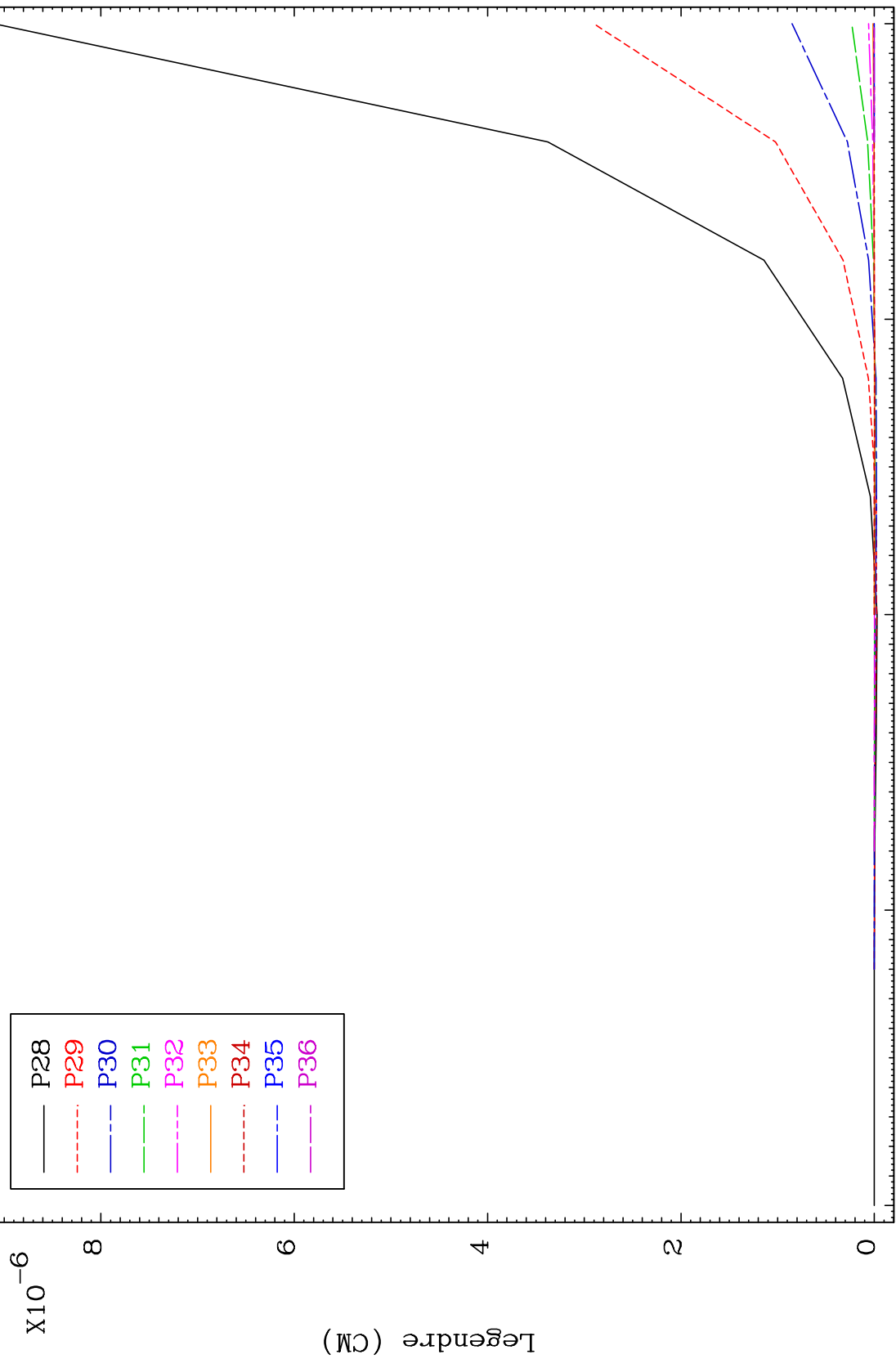
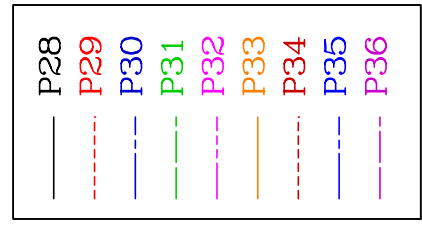
Incident Energy (MeV)

62-Sm-154

MAT 6255

Elastic Legendre Coefficients

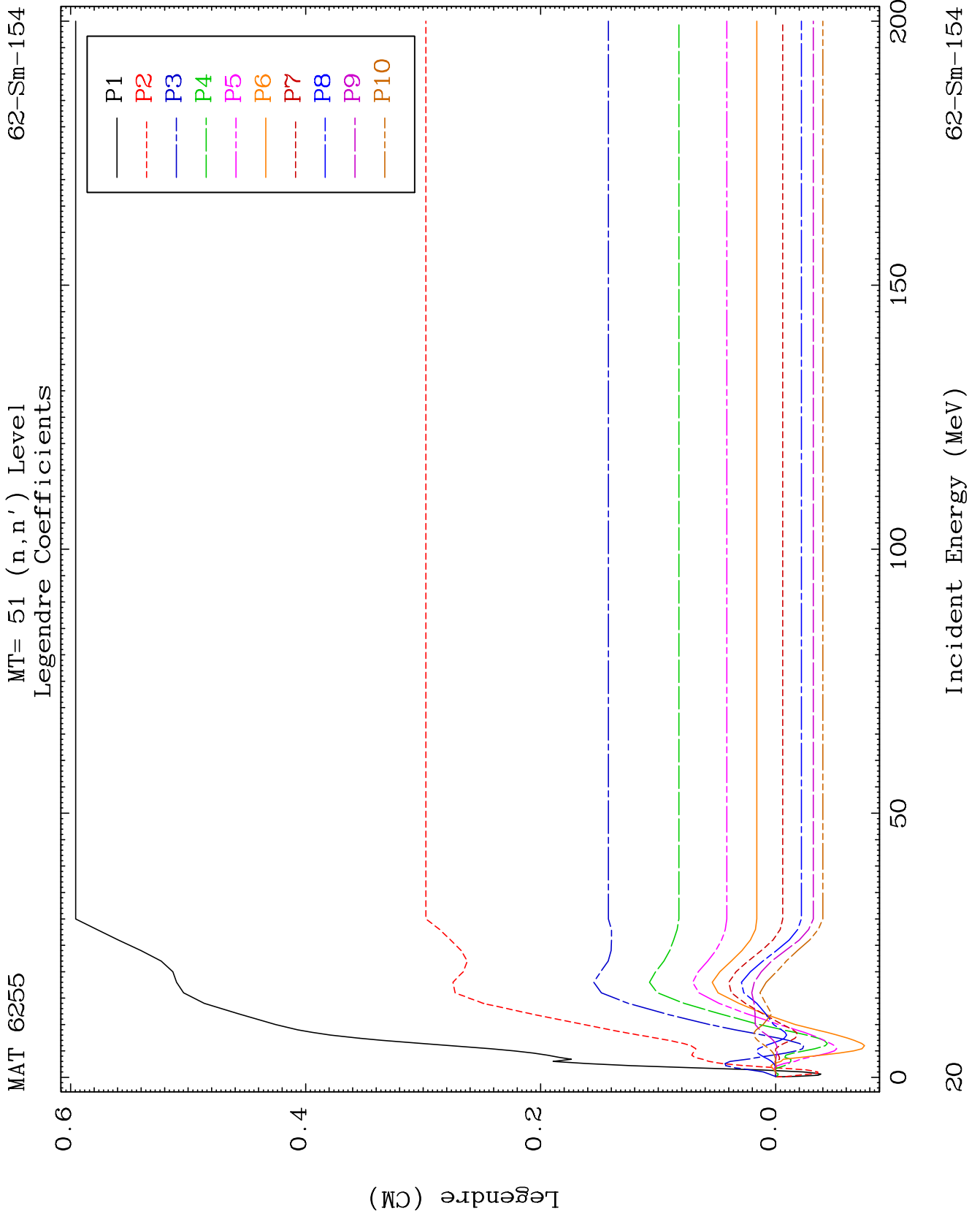
62-Sm-154



62-Sm-154

Incident Energy (MeV)

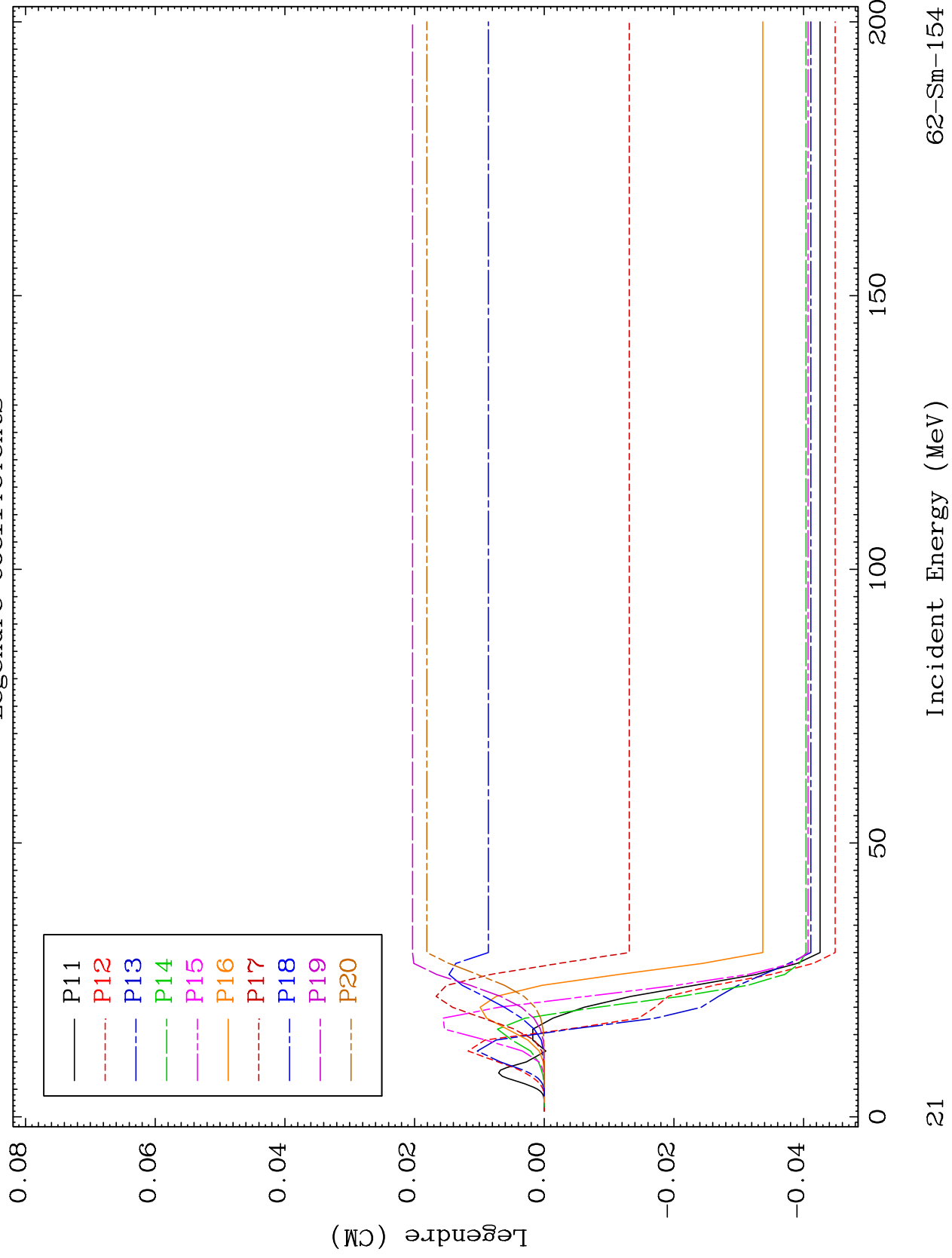
19



MAT 6255

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

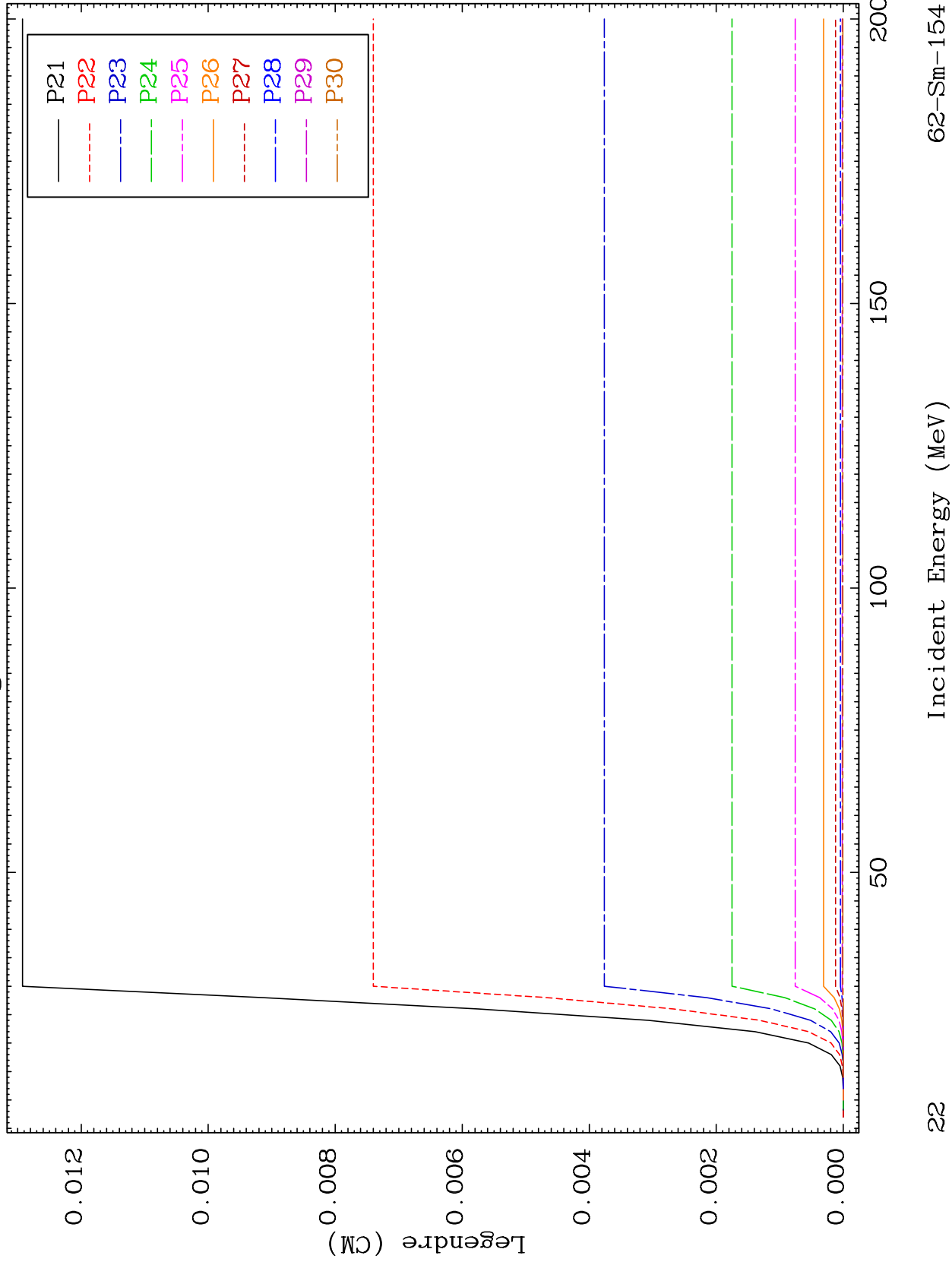
62-Sm-154



MAT 6255

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

62-Sm-154



22

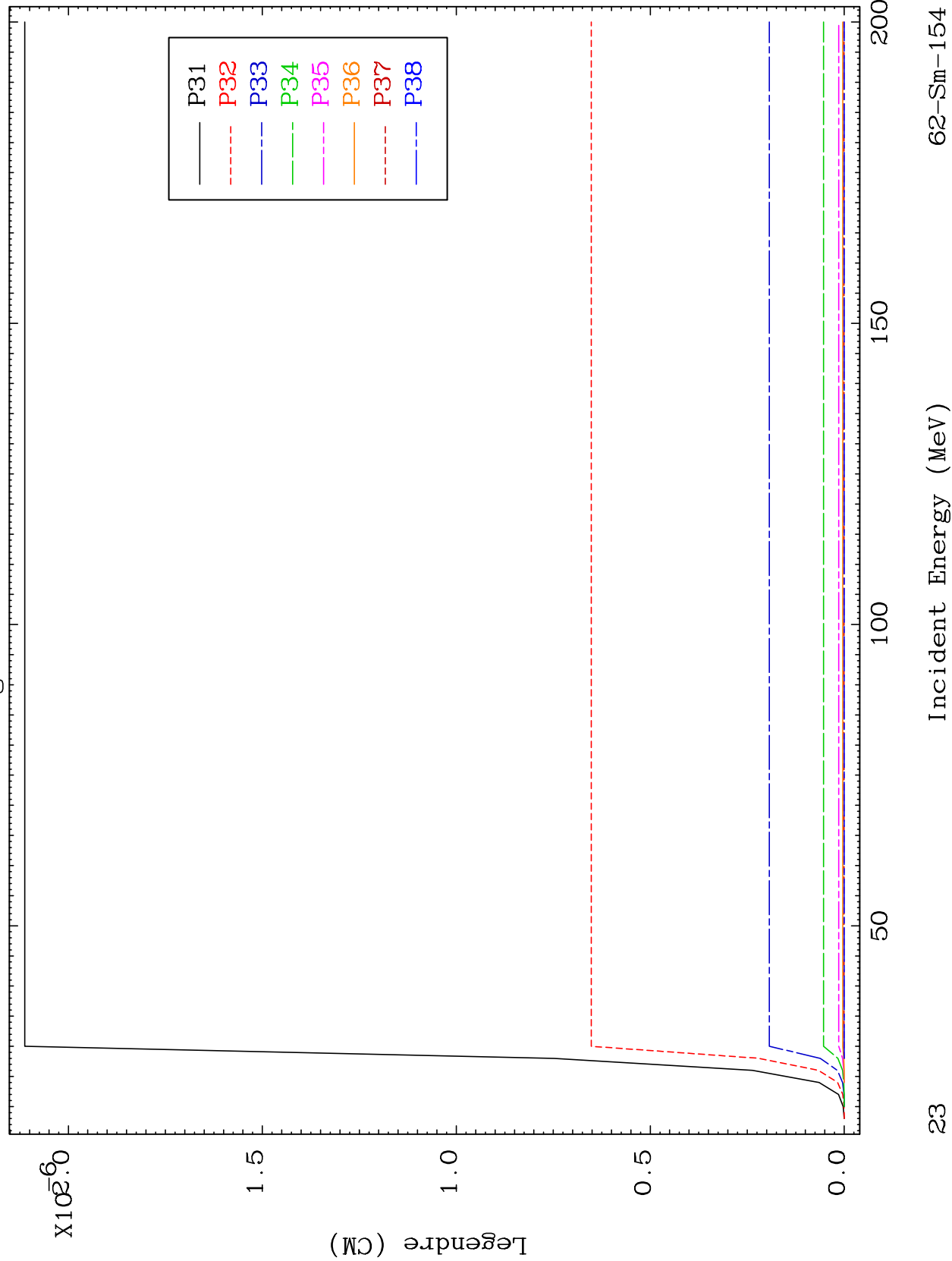
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

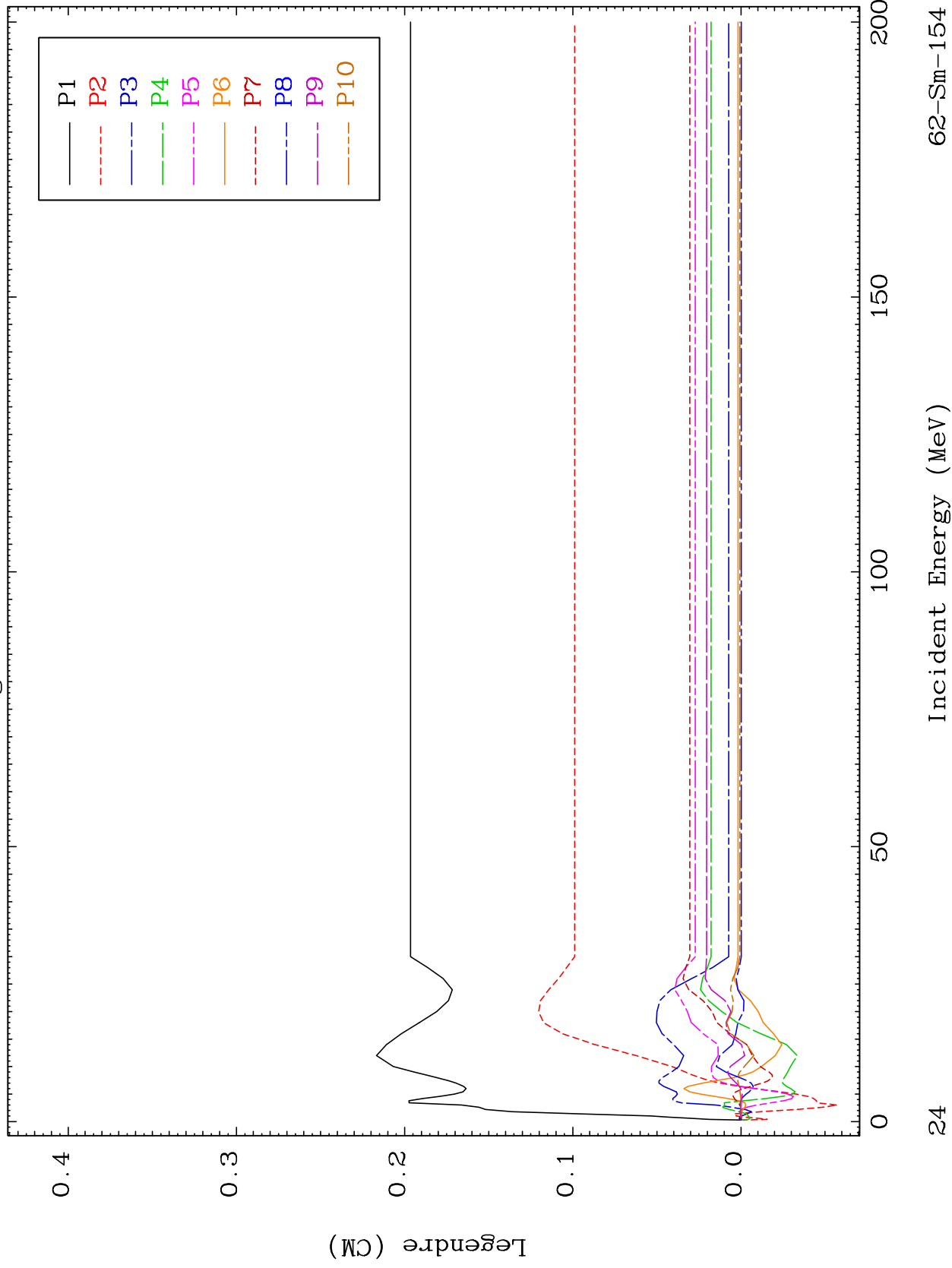
62-Sm-154



MAT 6255

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

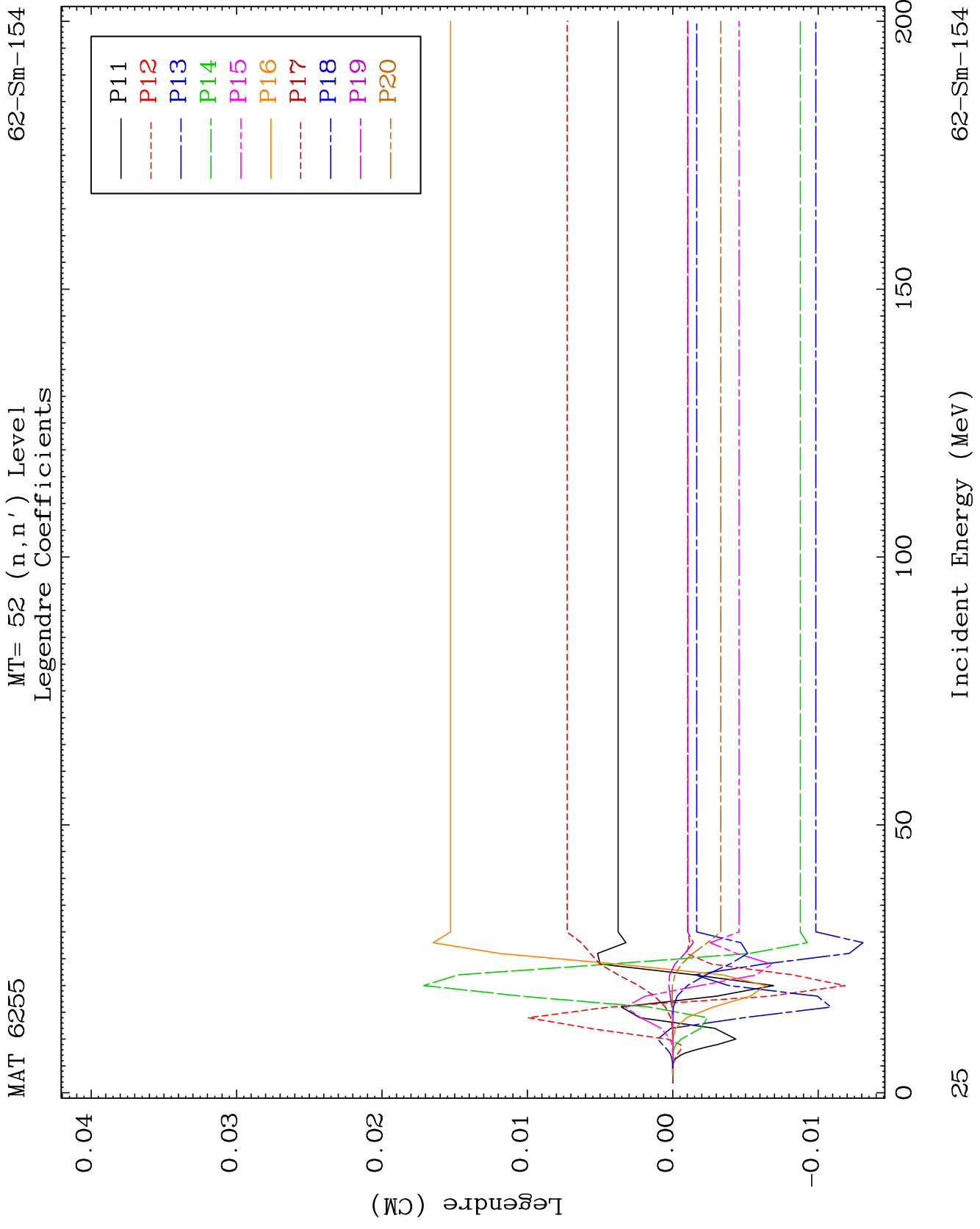
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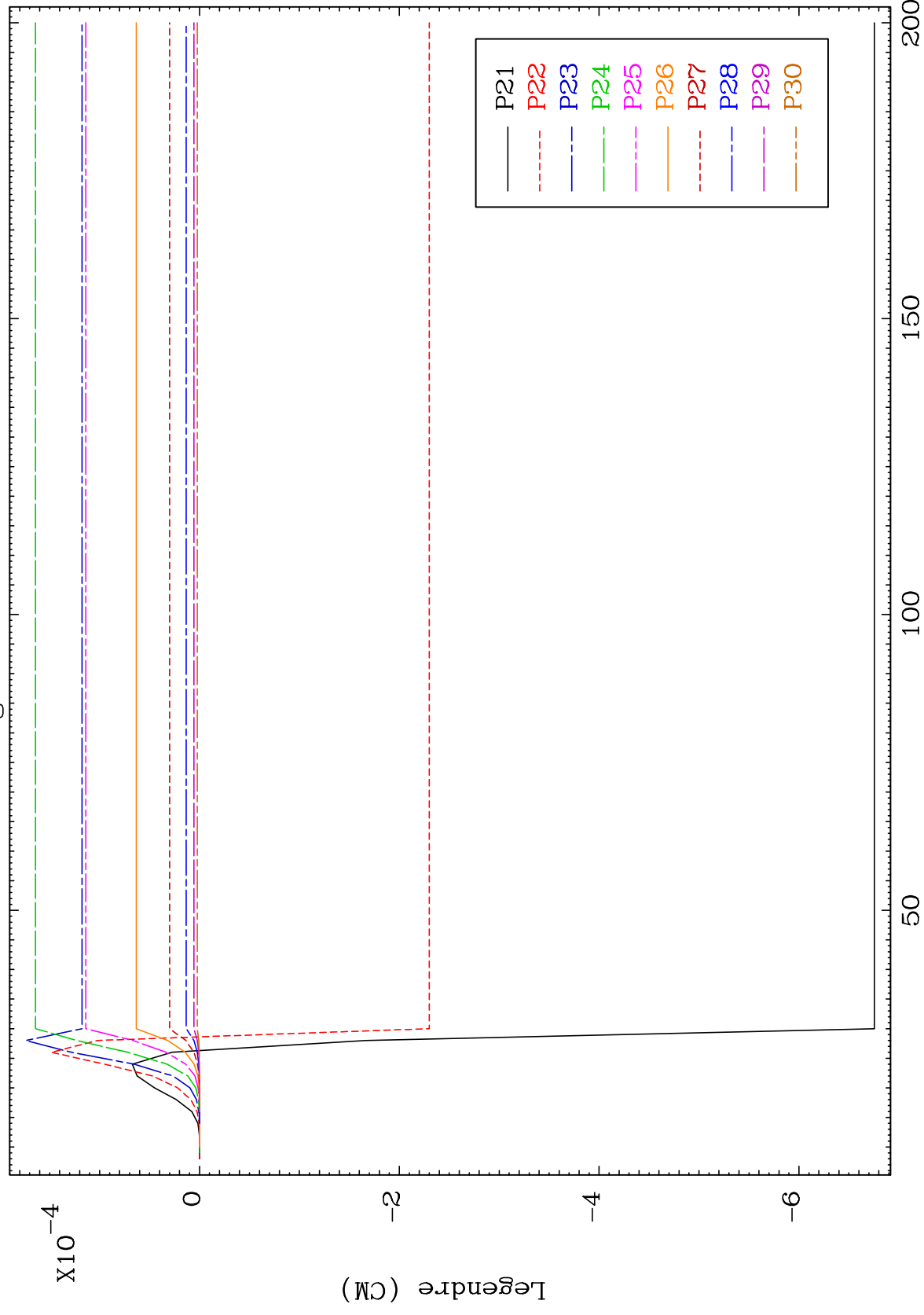


62-Sm-154

Incident Energy (MeV)

24

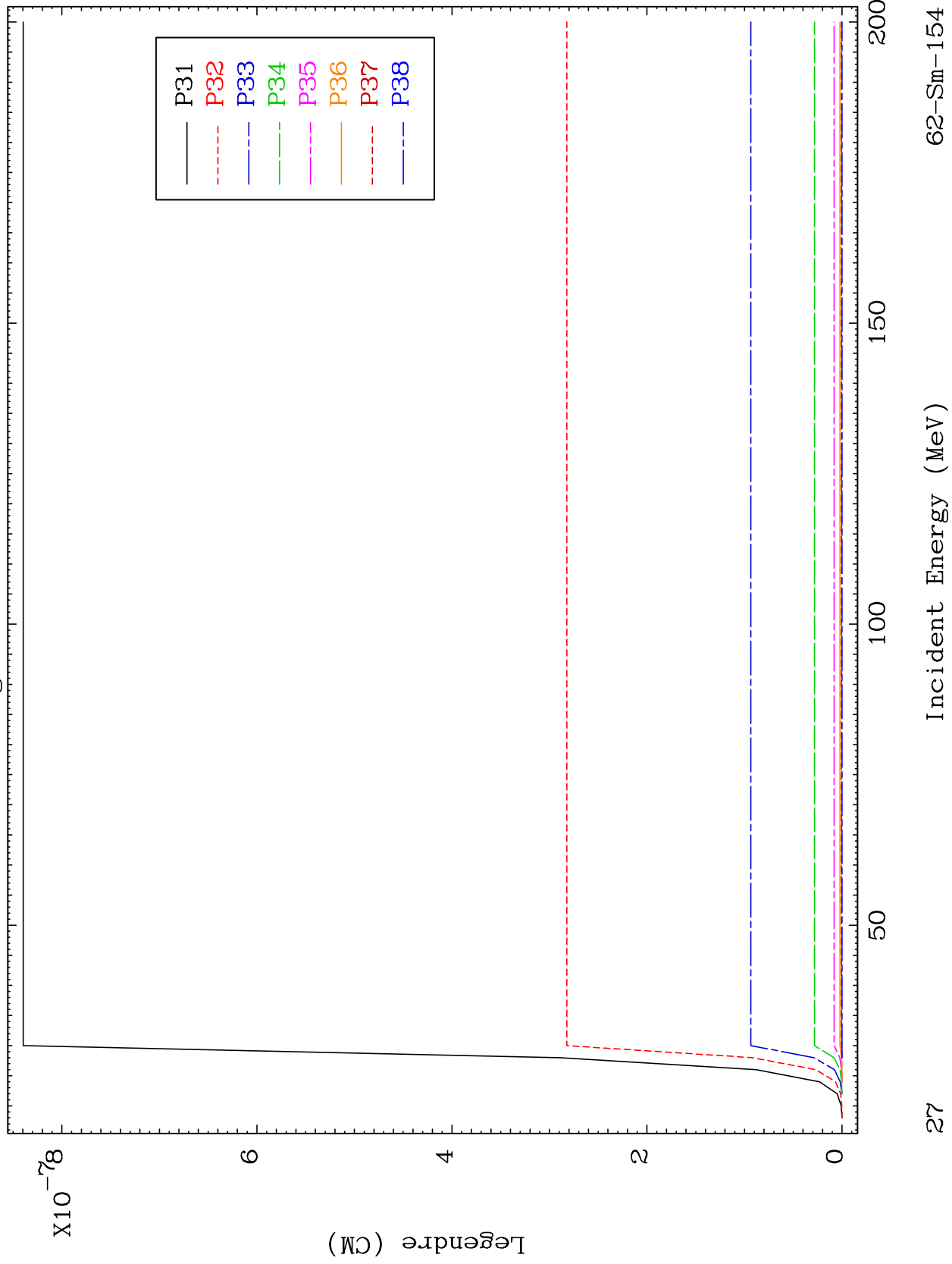




MAT 6255

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

62-Sm-154



27

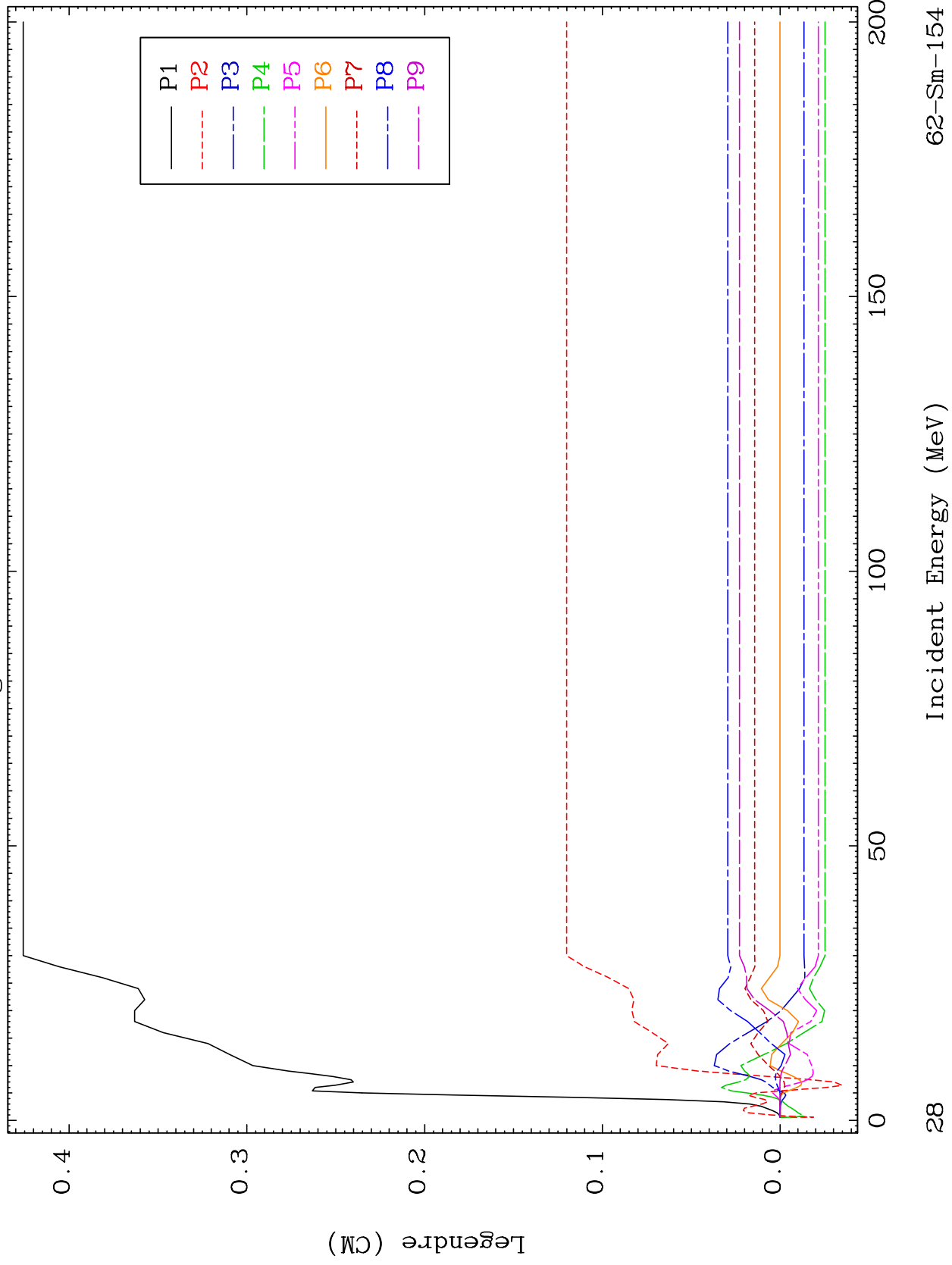
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



62-Sm-154

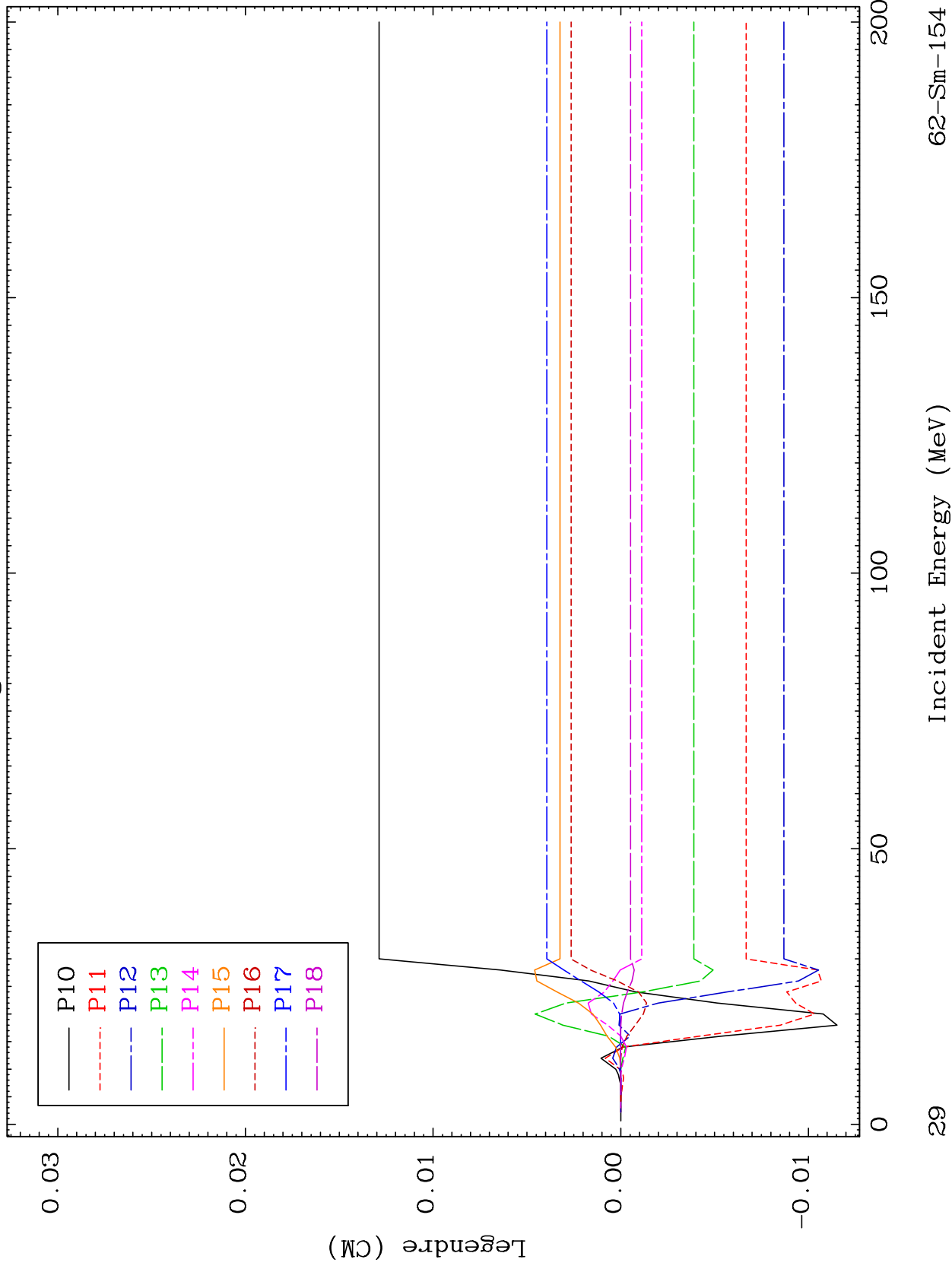
Incident Energy (MeV)

28

MAT 6255

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

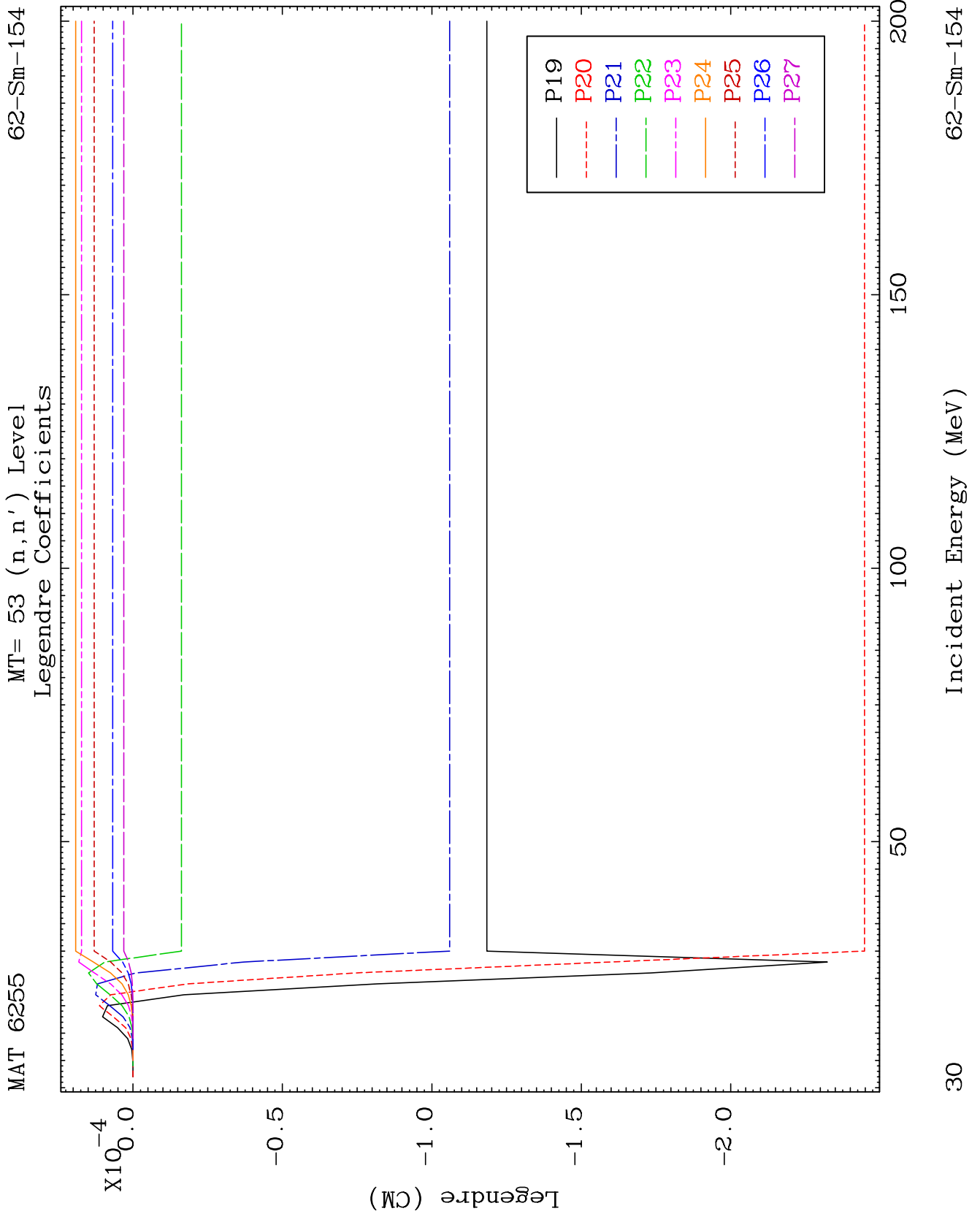
62-Sm-154



29

Incident Energy (MeV)

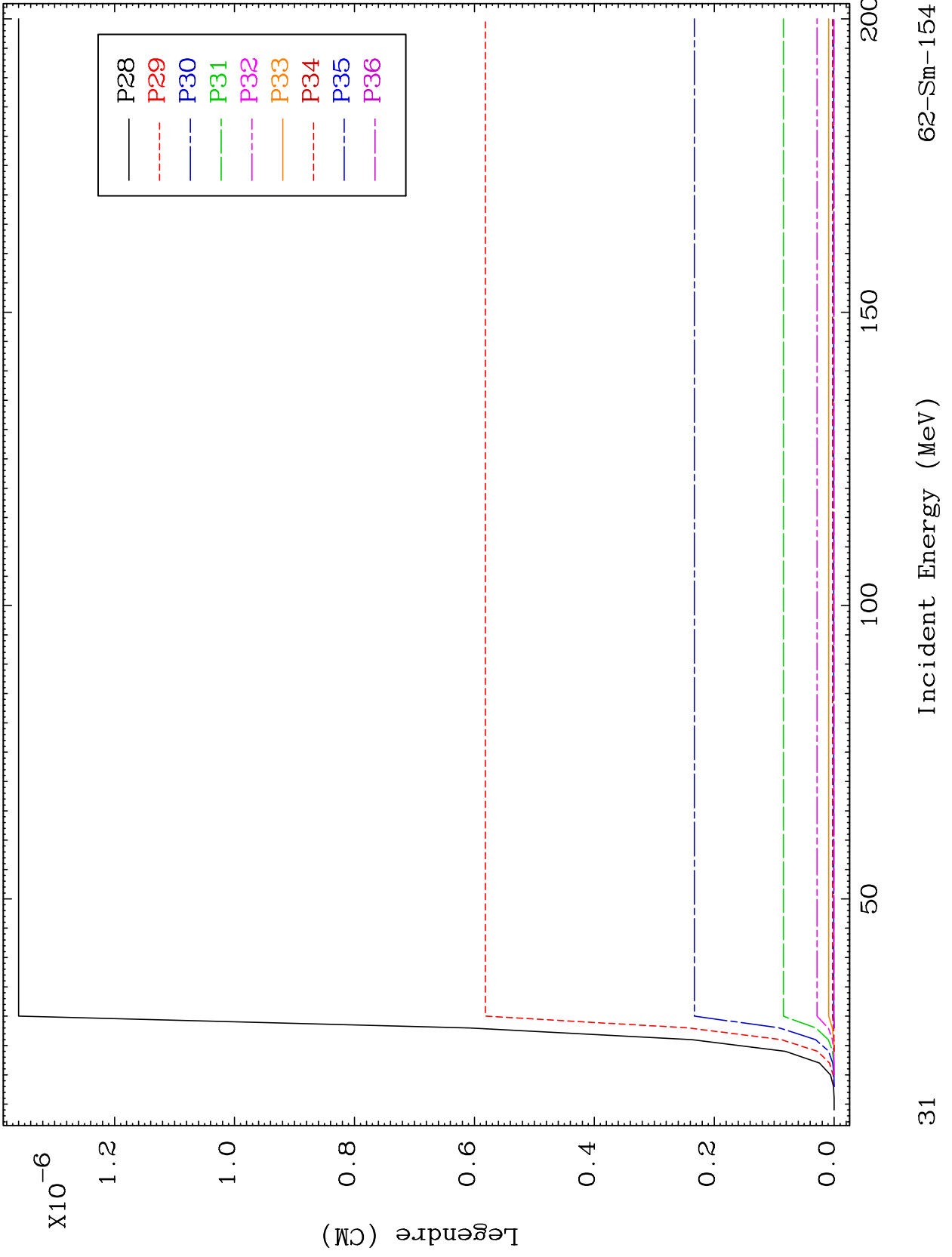
62-Sm-154



MAT 6255

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

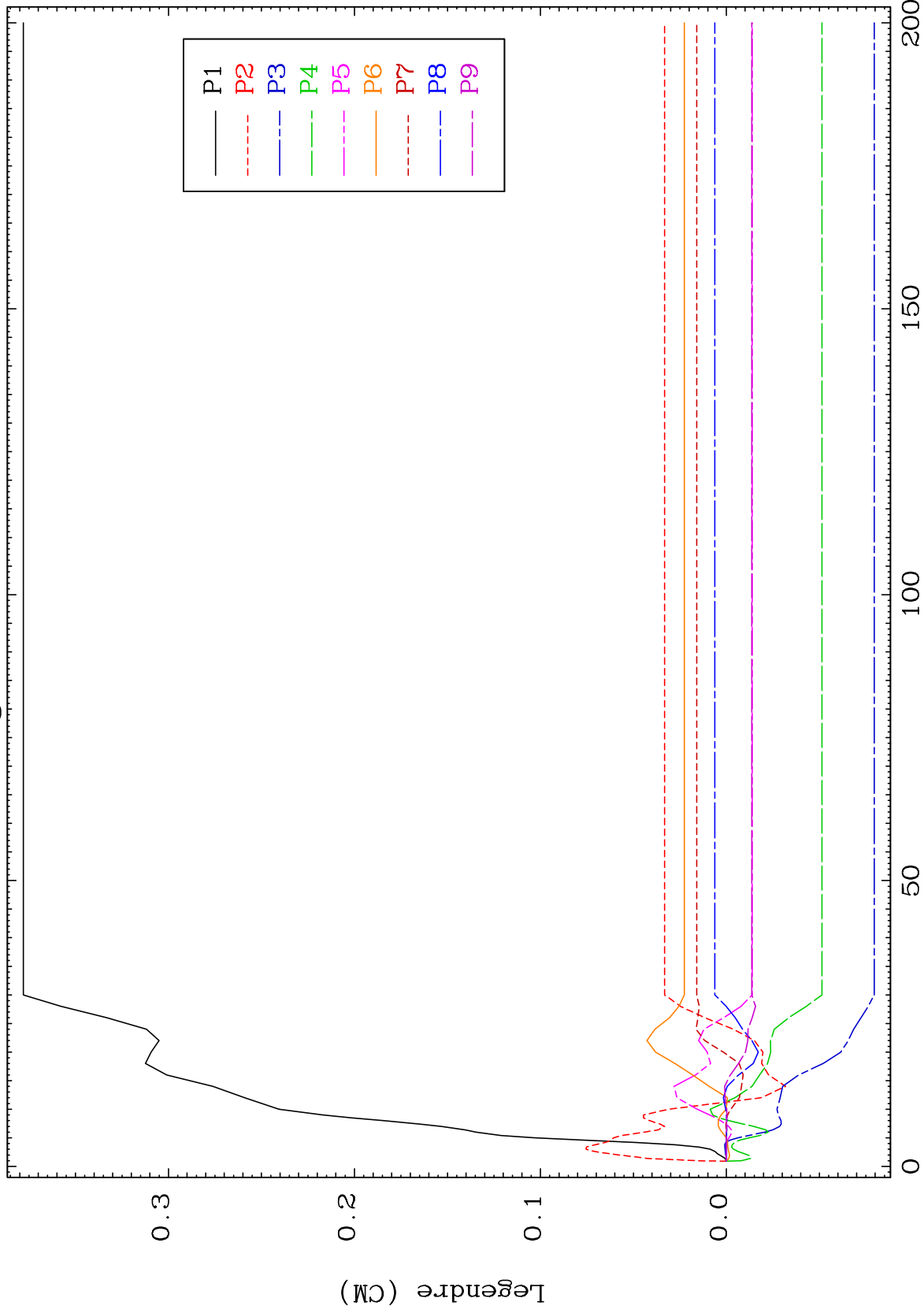
62-Sm-154



MAT 6255

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

62-Sm-154



32

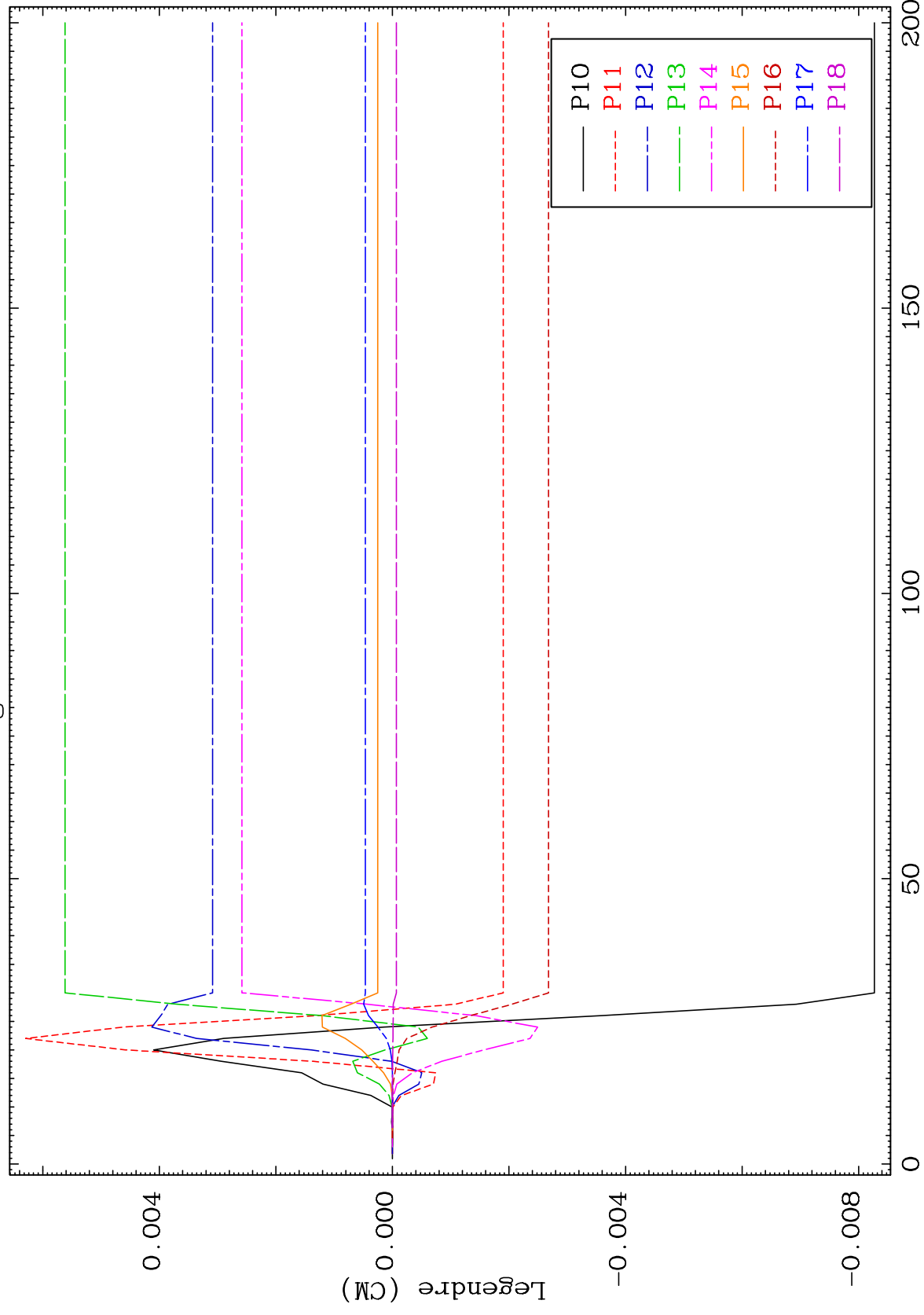
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



33

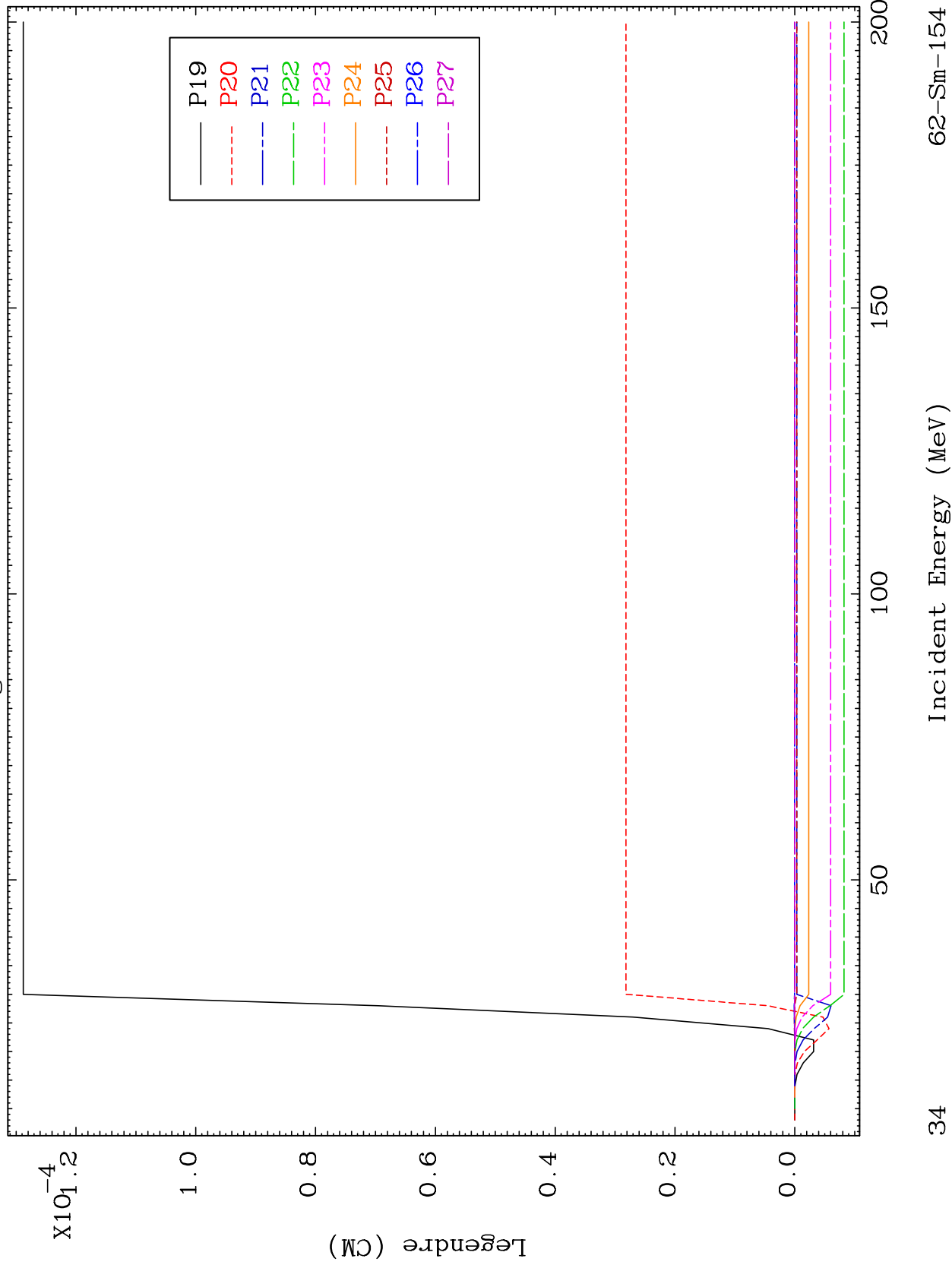
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

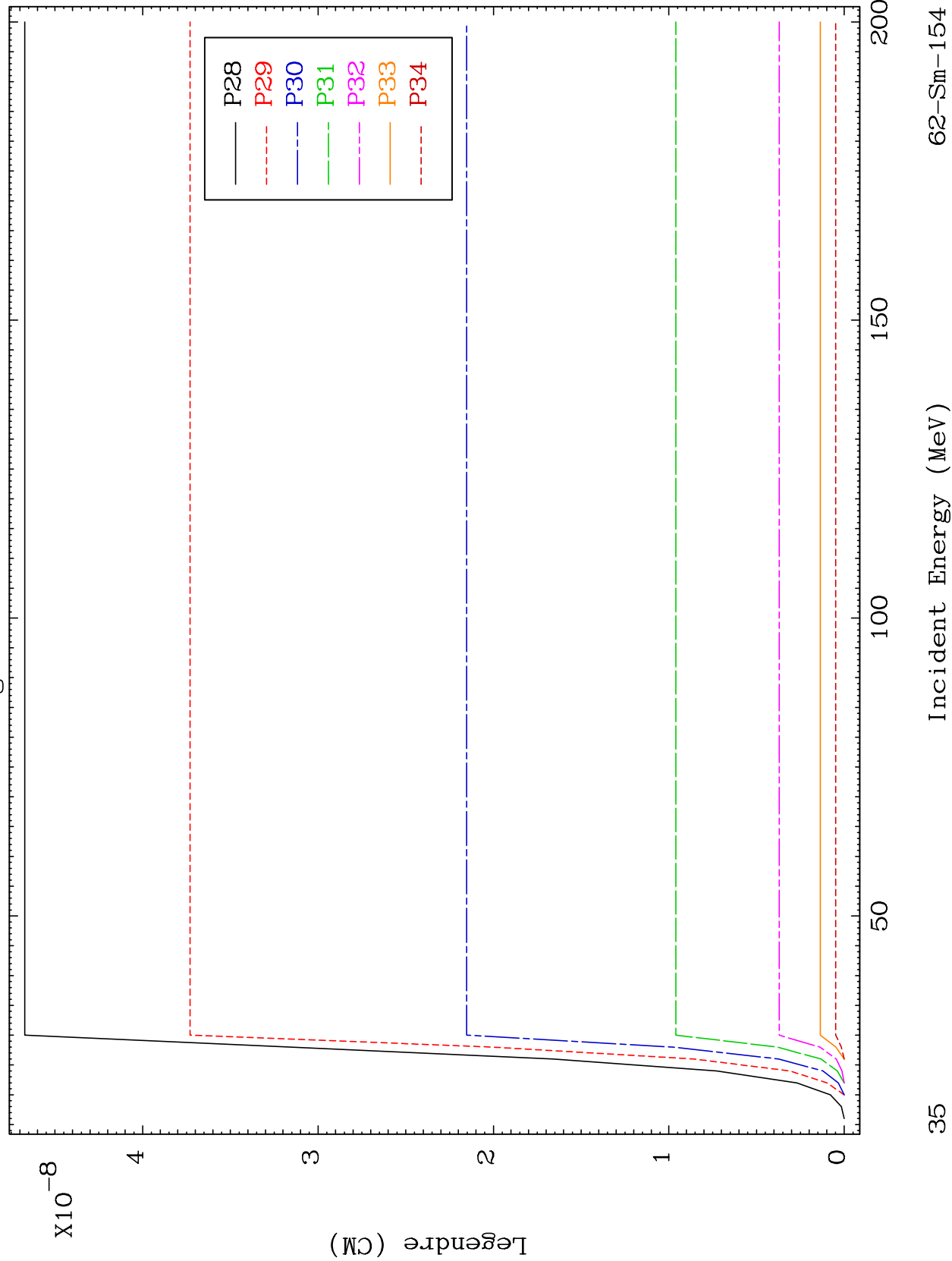
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MAT 6255

MT= 54 (n,n') Level
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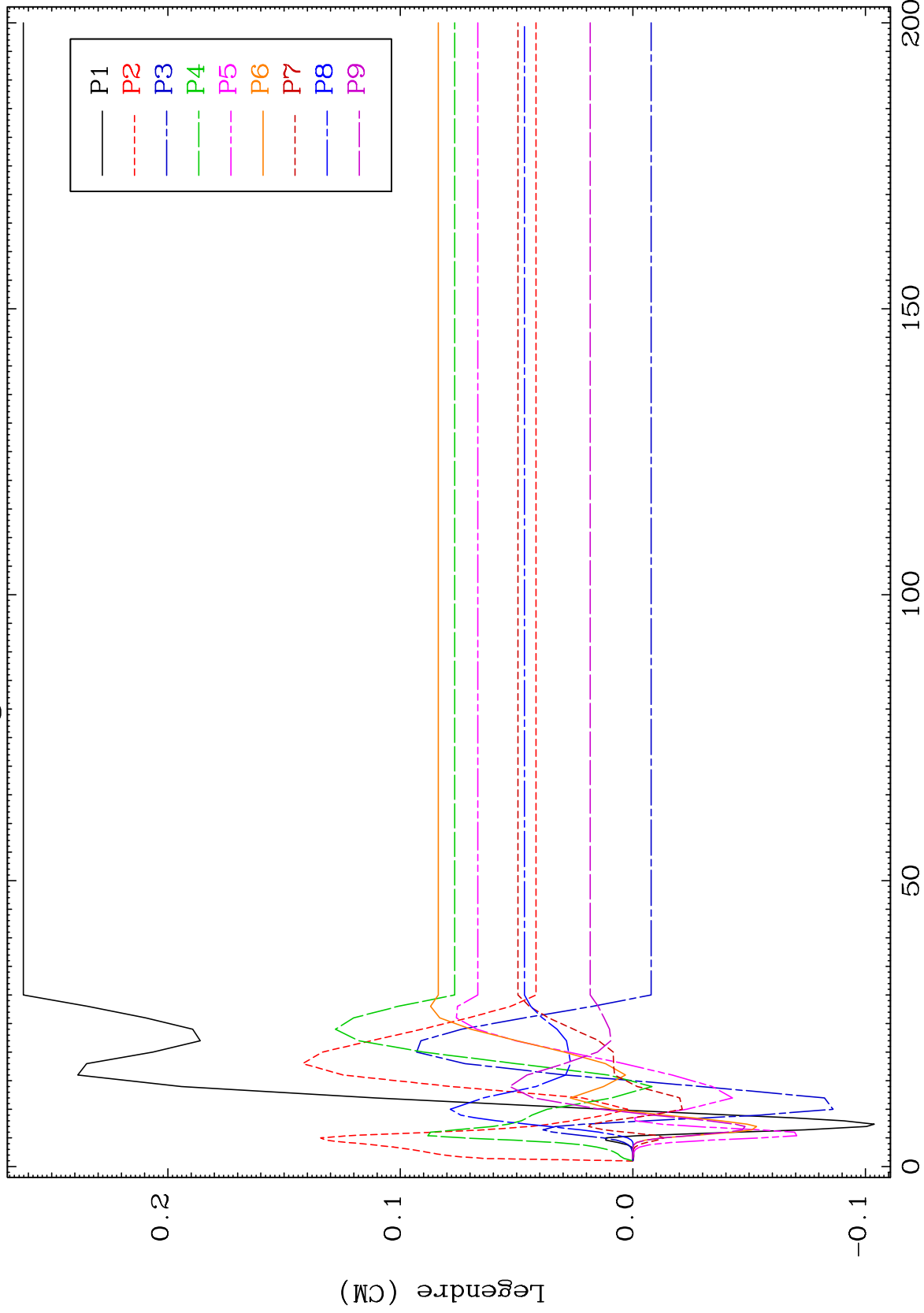
62-Sm-154



MAT 6255

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

62-Sm-154



36

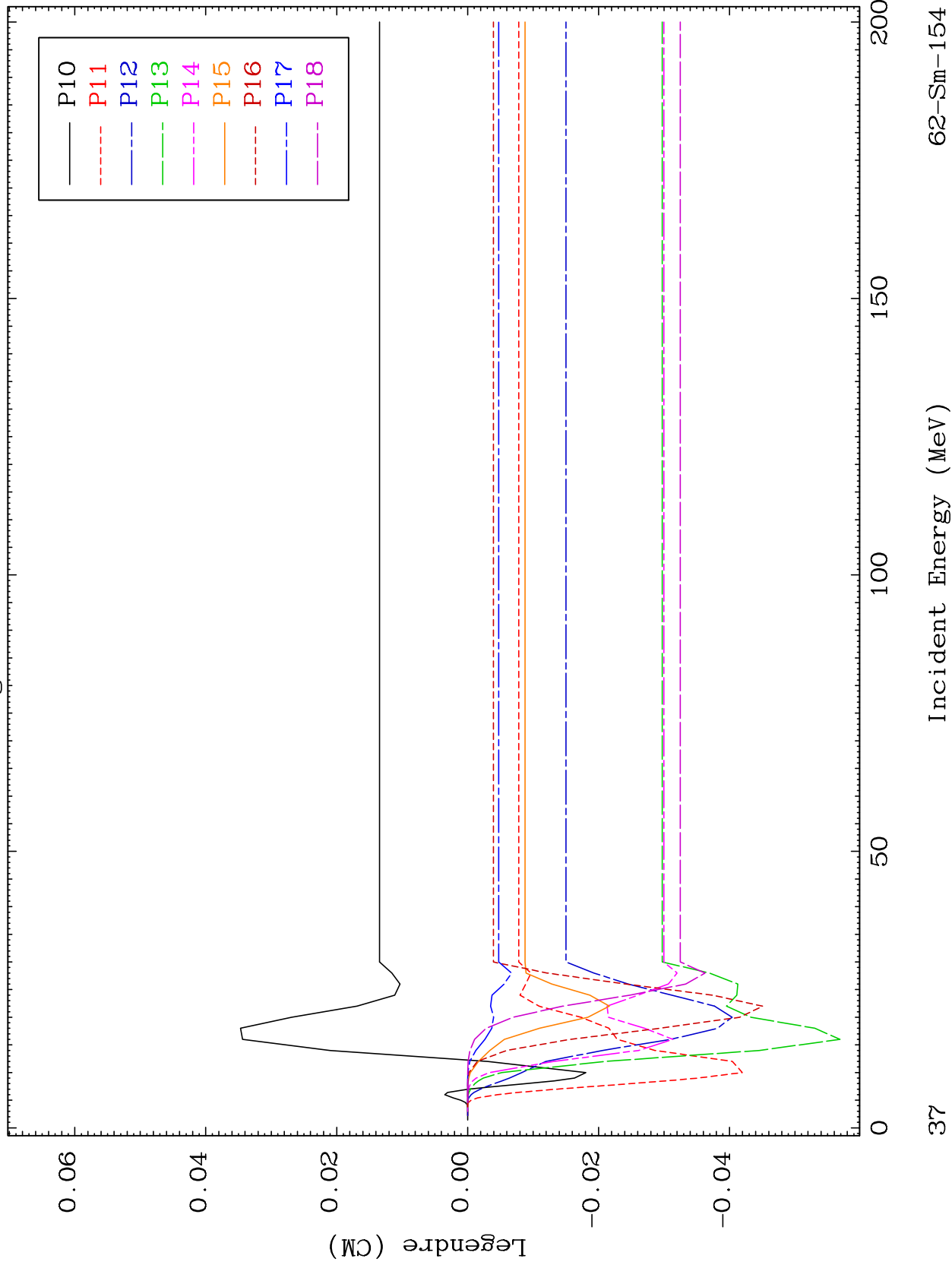
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

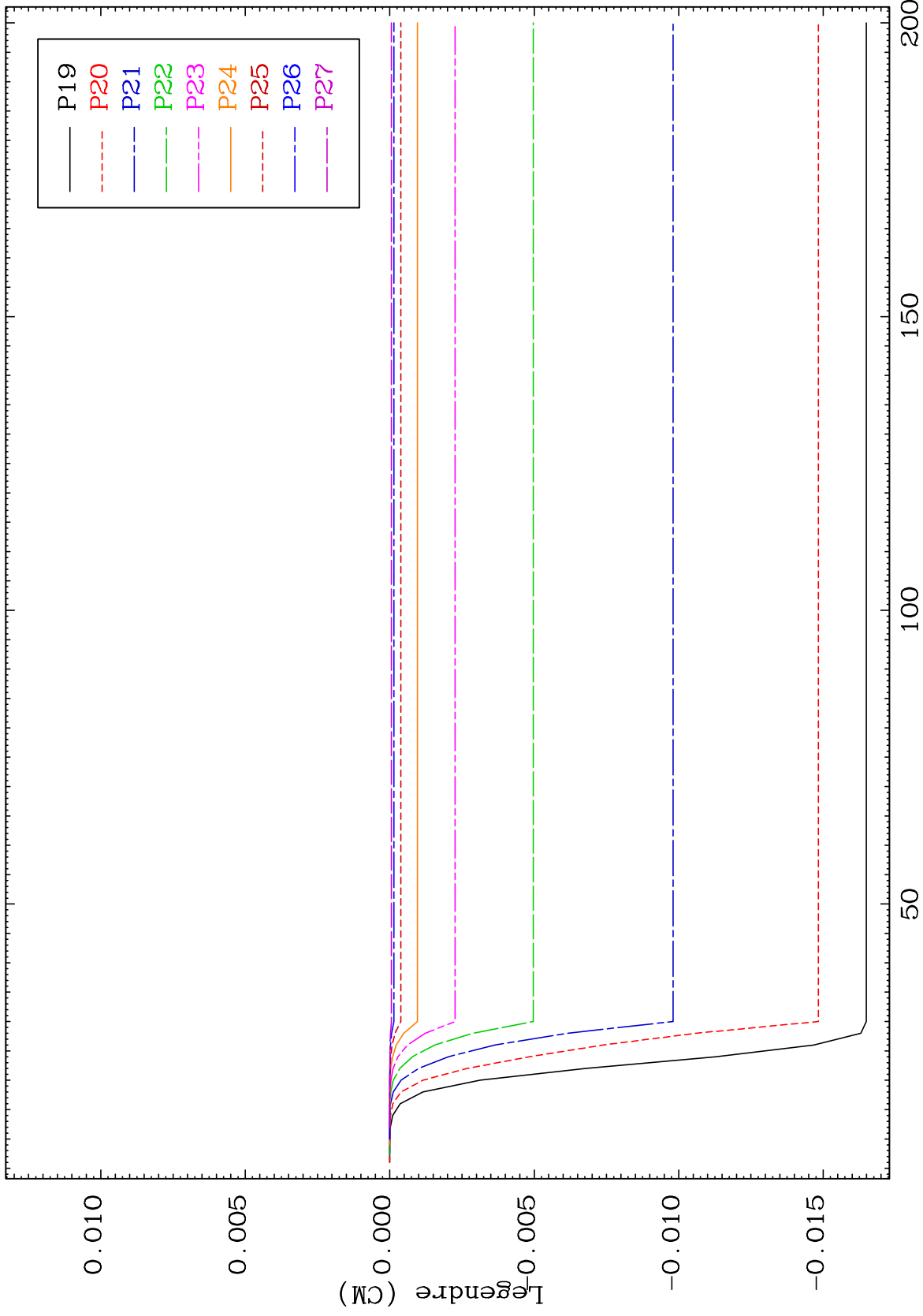
62-Sm-154

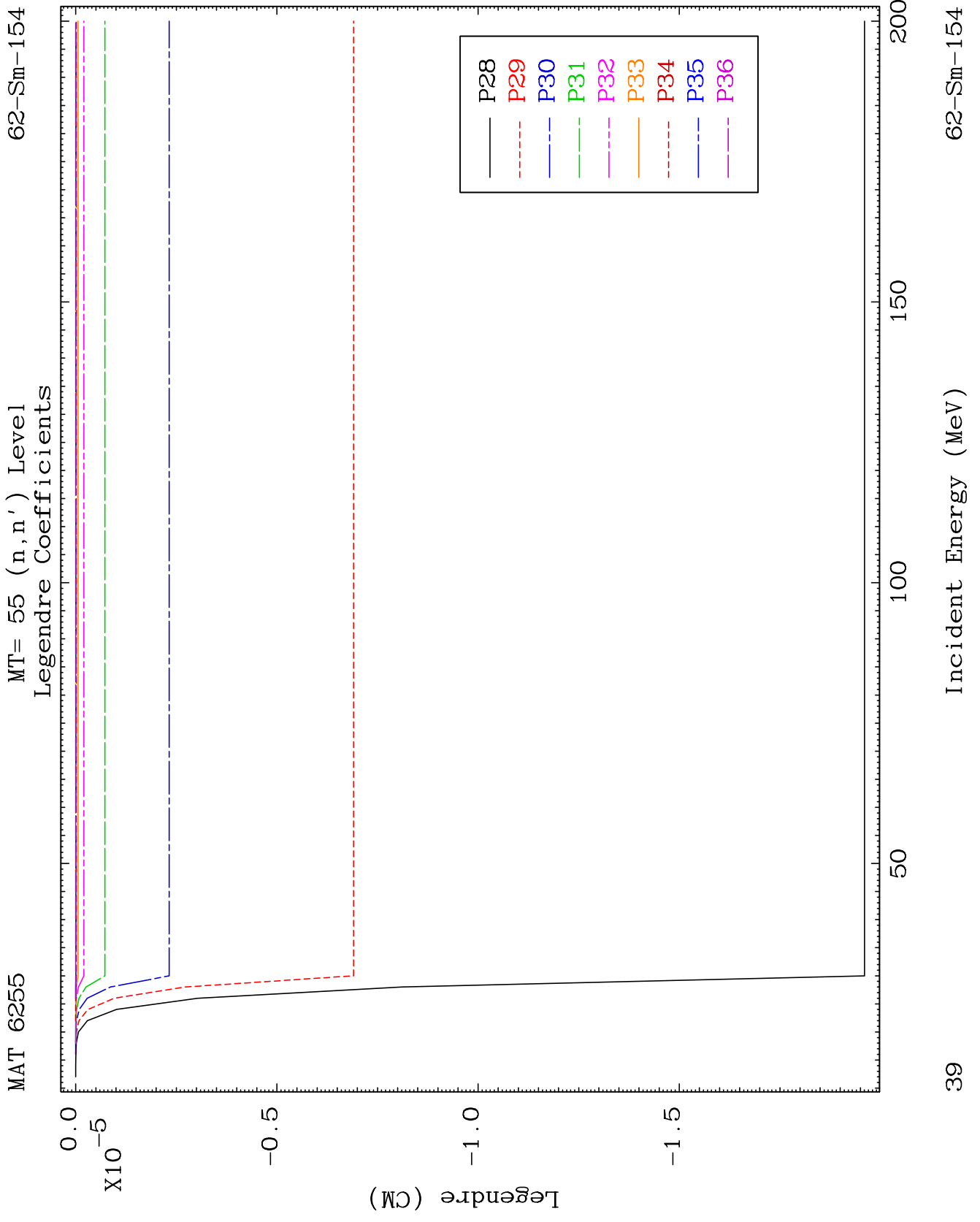


37

Incident Energy (MeV)

62-Sm-154

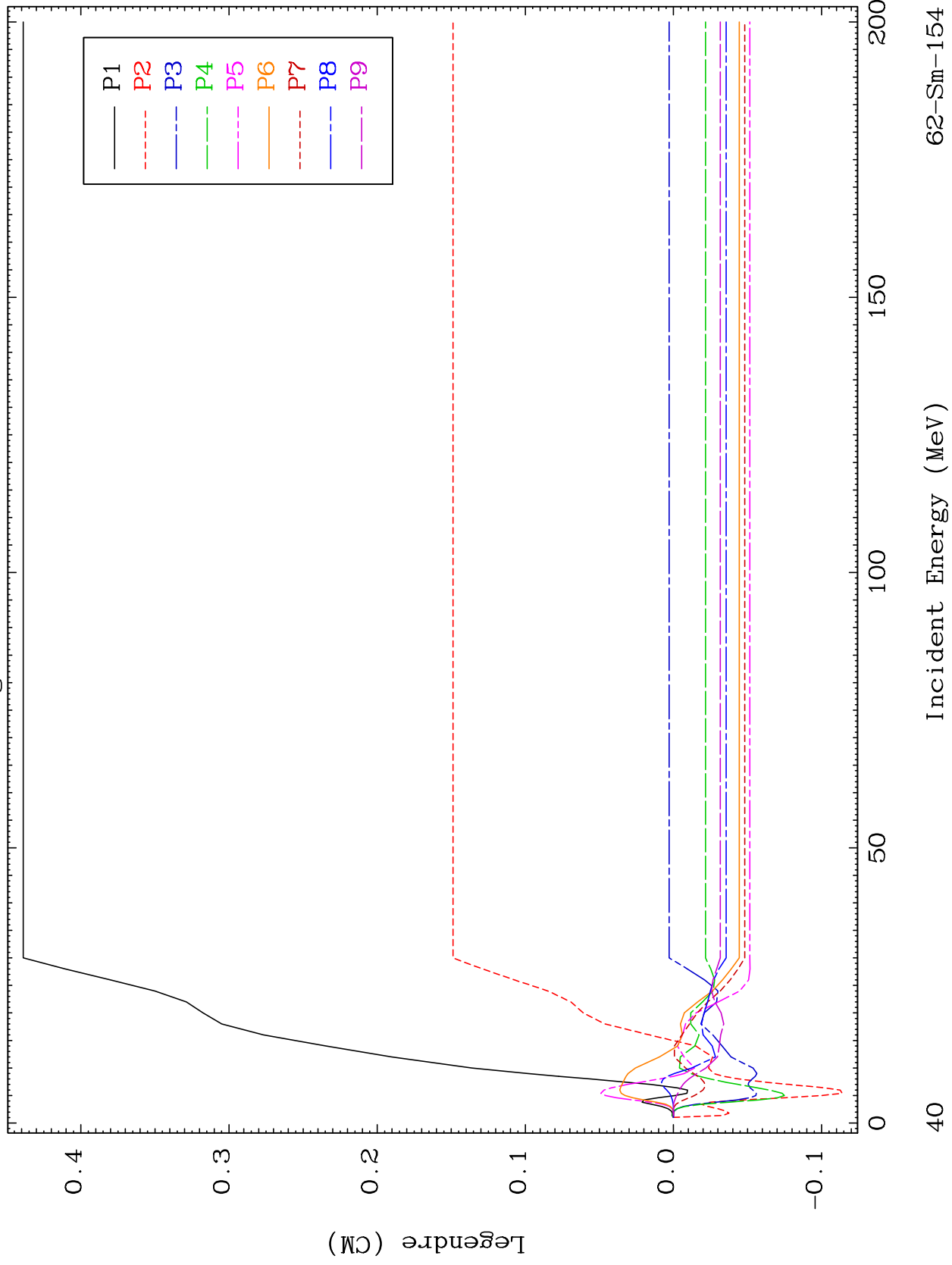




MAT 6255

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

62-Sm-154



62-Sm-154

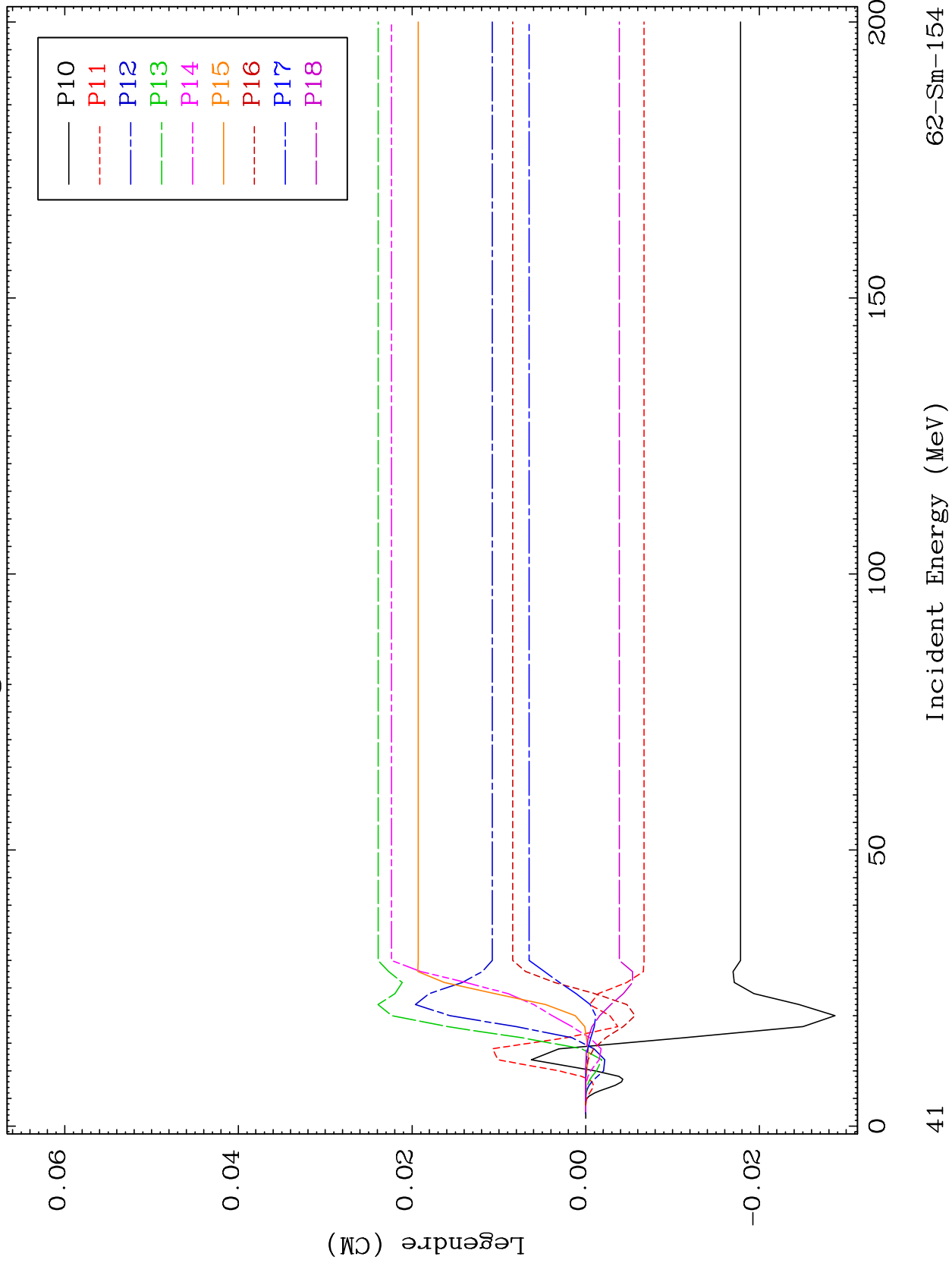
Incident Energy (MeV)

40

MAT 6255

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

62-Sm-154



41

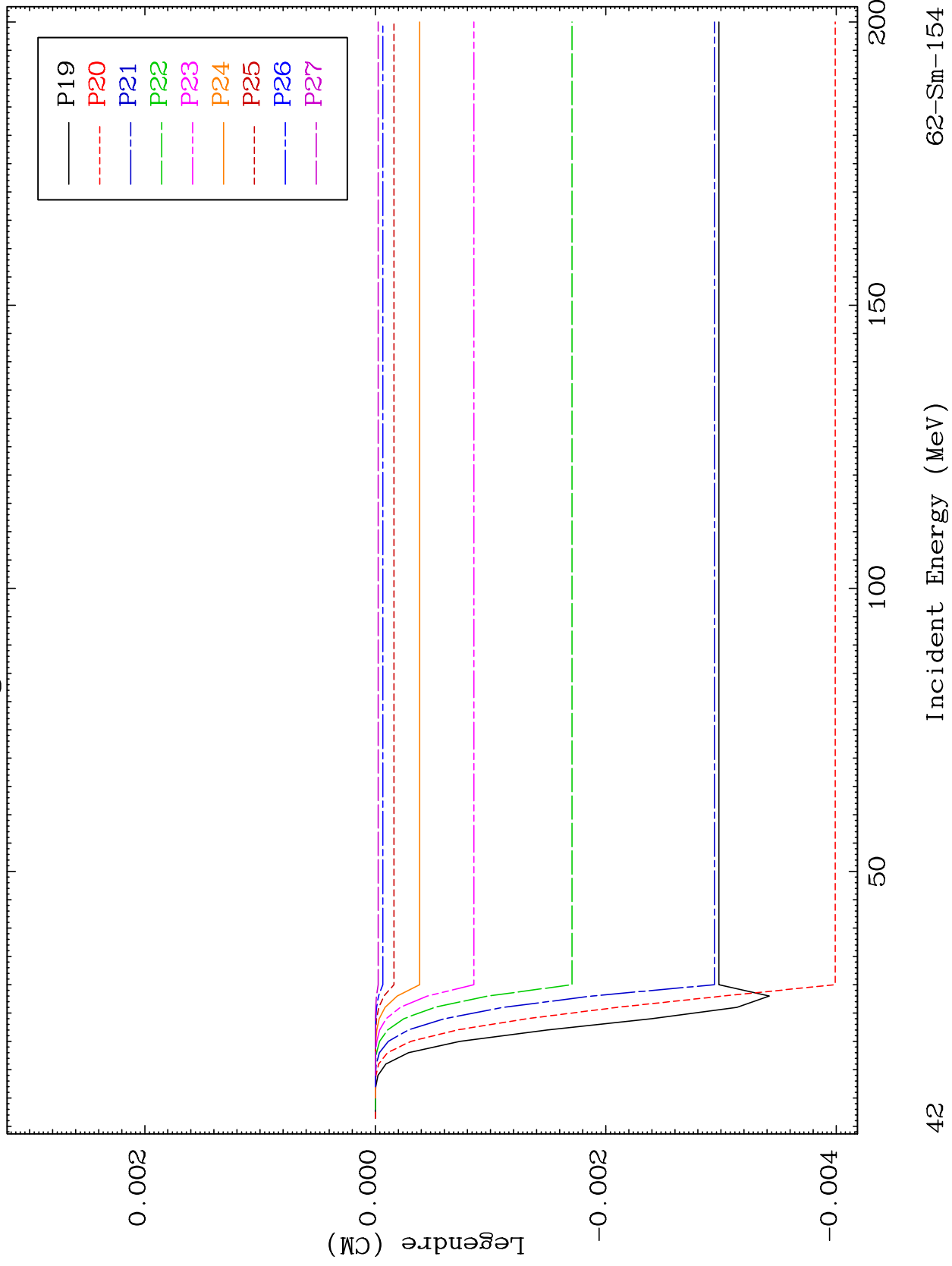
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

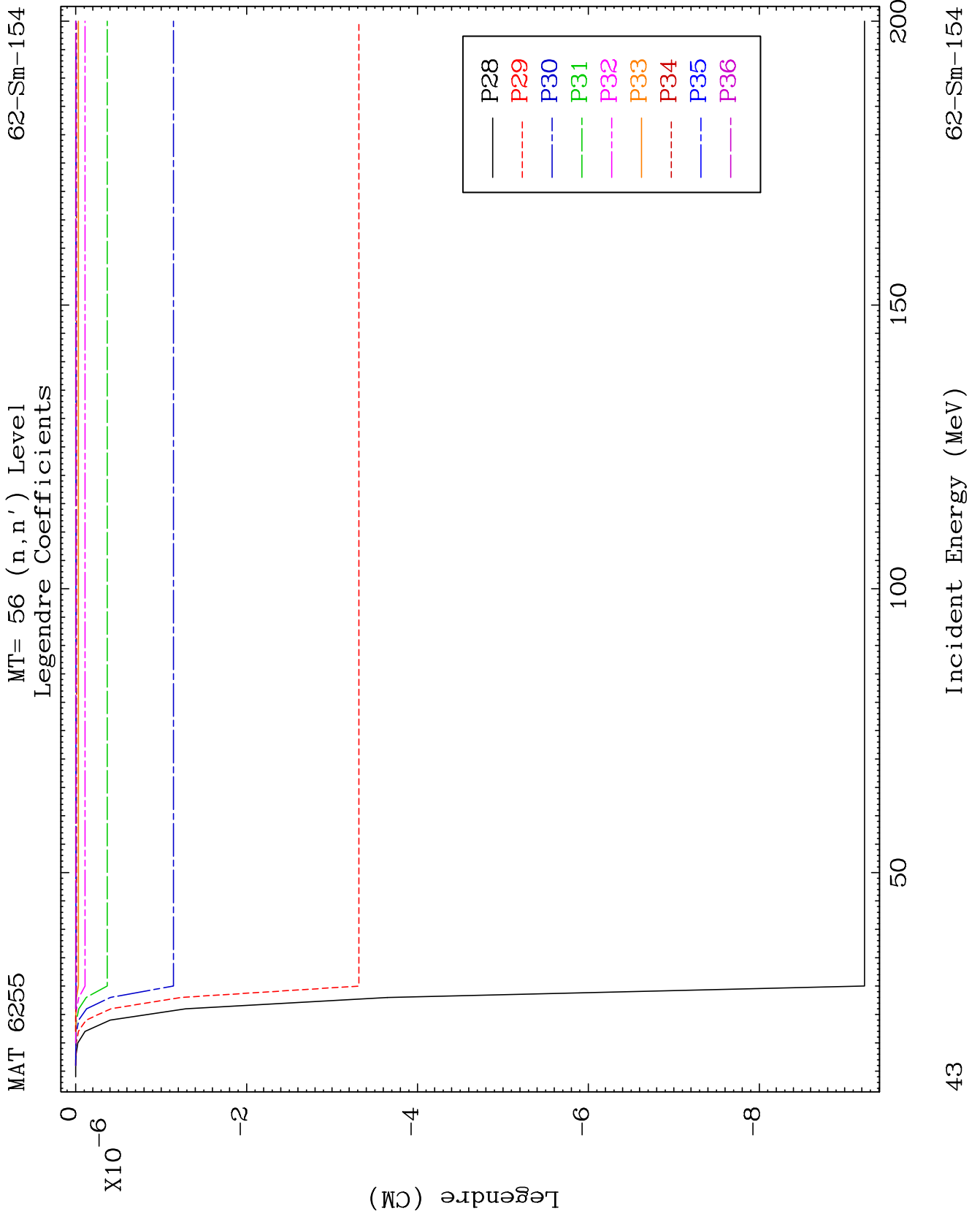
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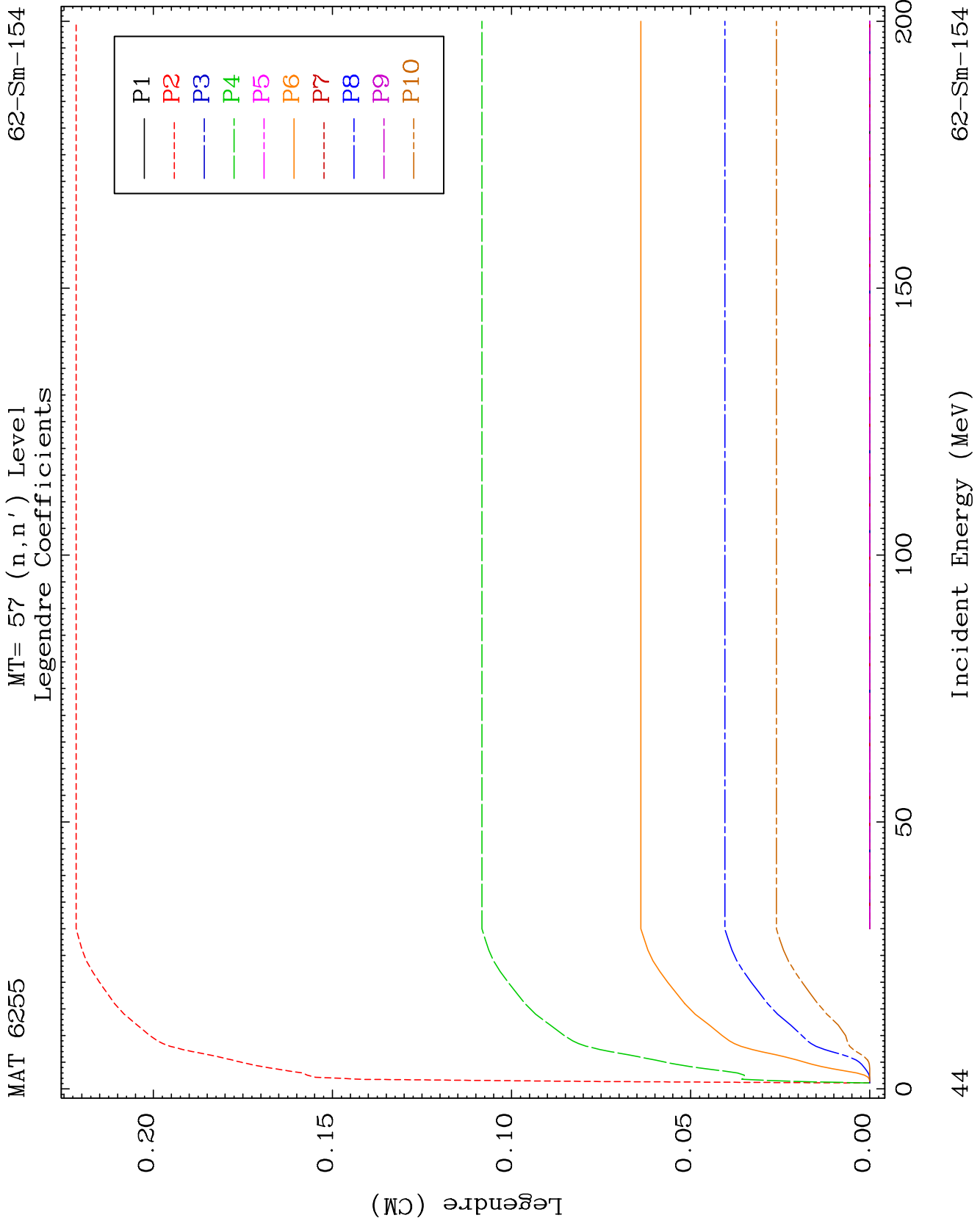


42

Incident Energy (MeV)

62-Sm-154

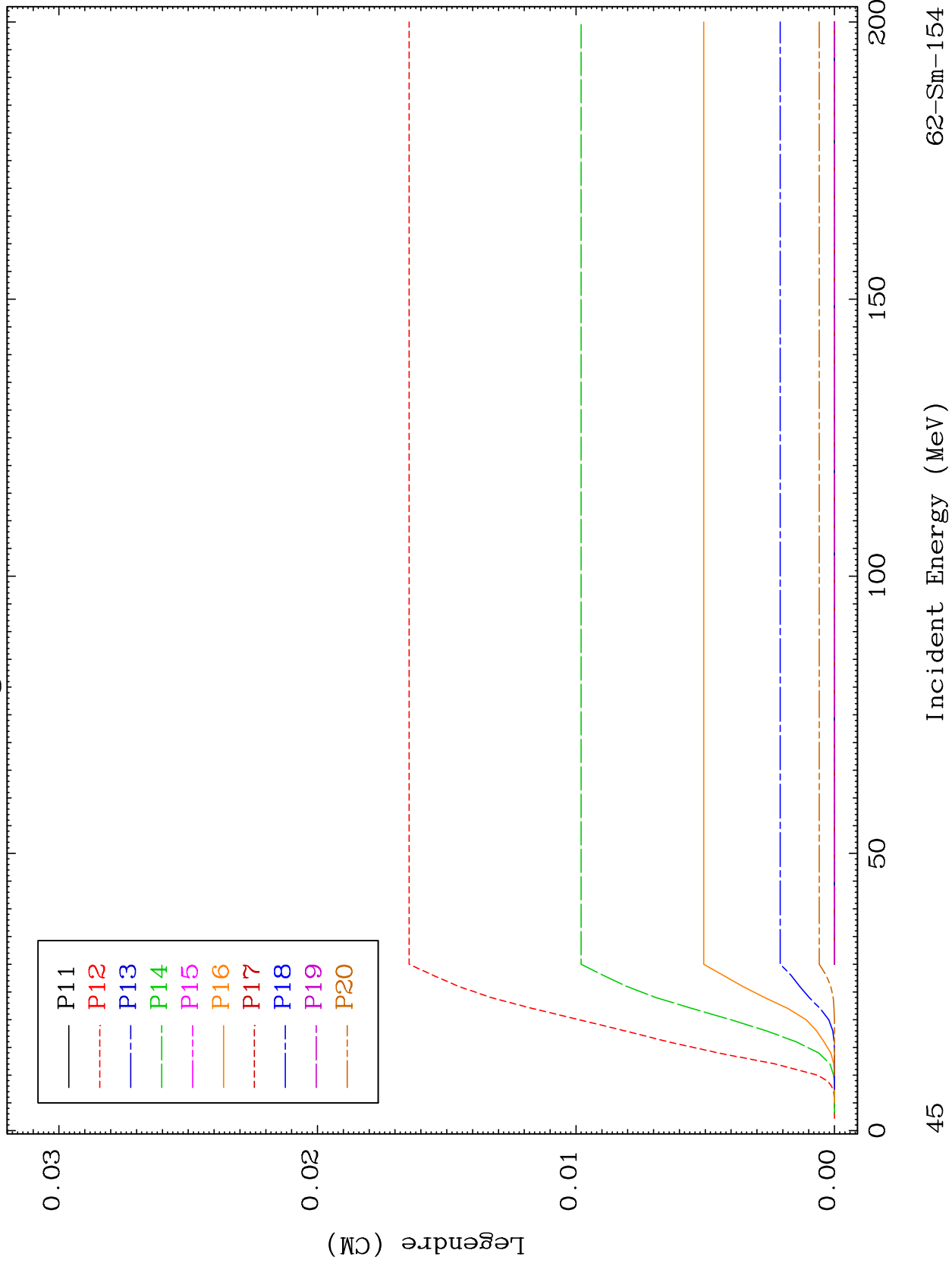




MAT 62555

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

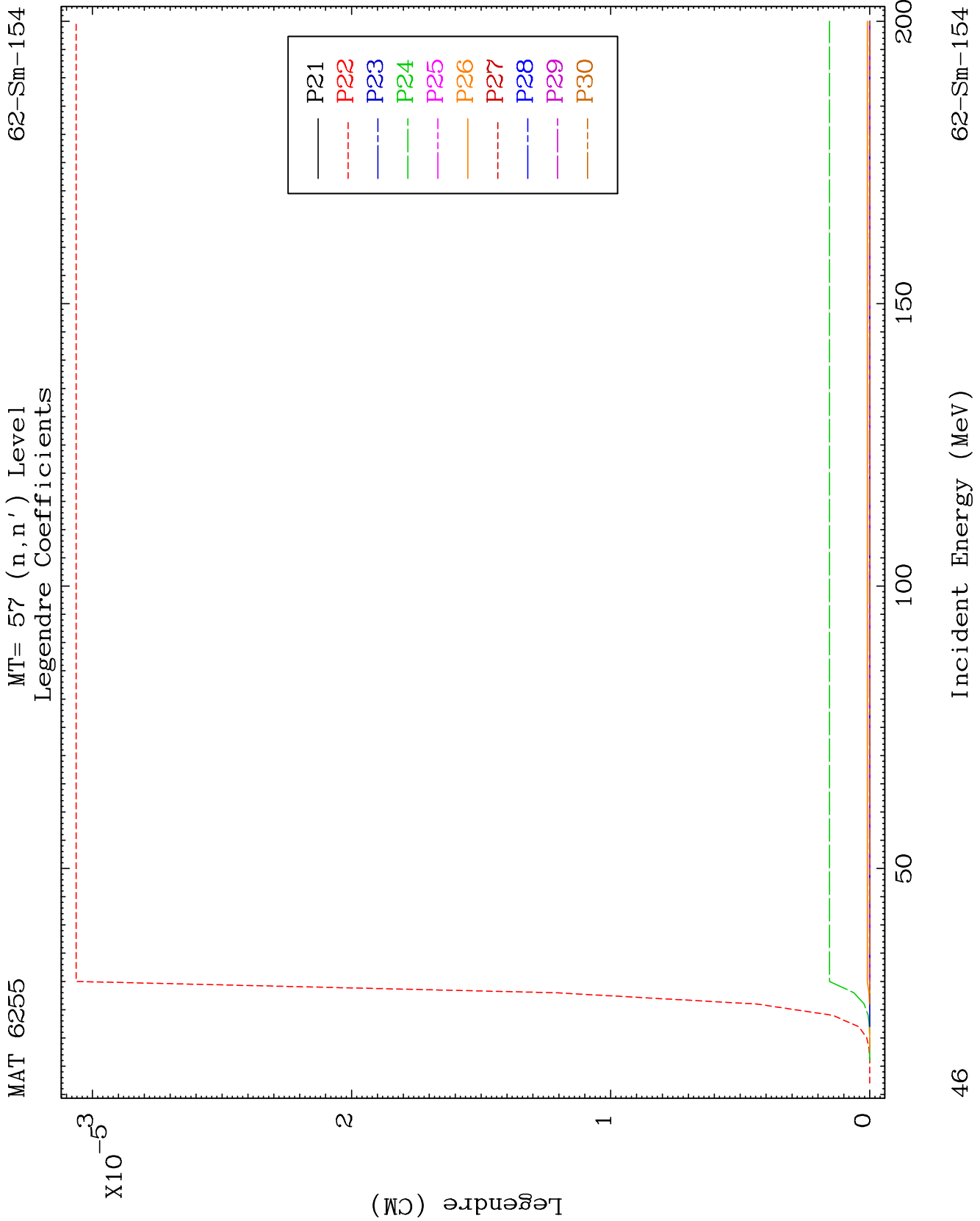
62-Sm-154



62-Sm-154

Incident Energy (MeV)

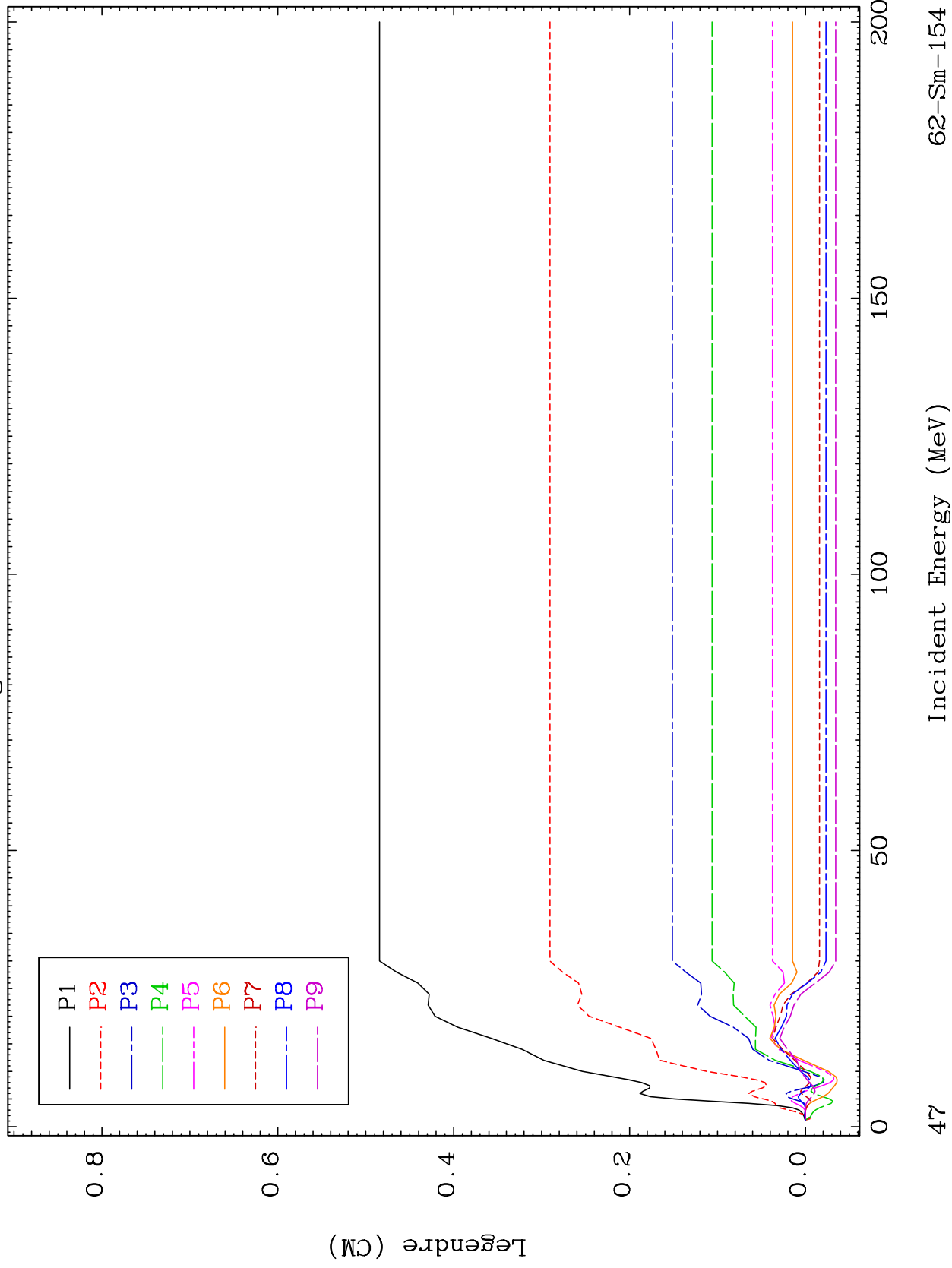
45



MAT 6255

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

62-Sm-154



47

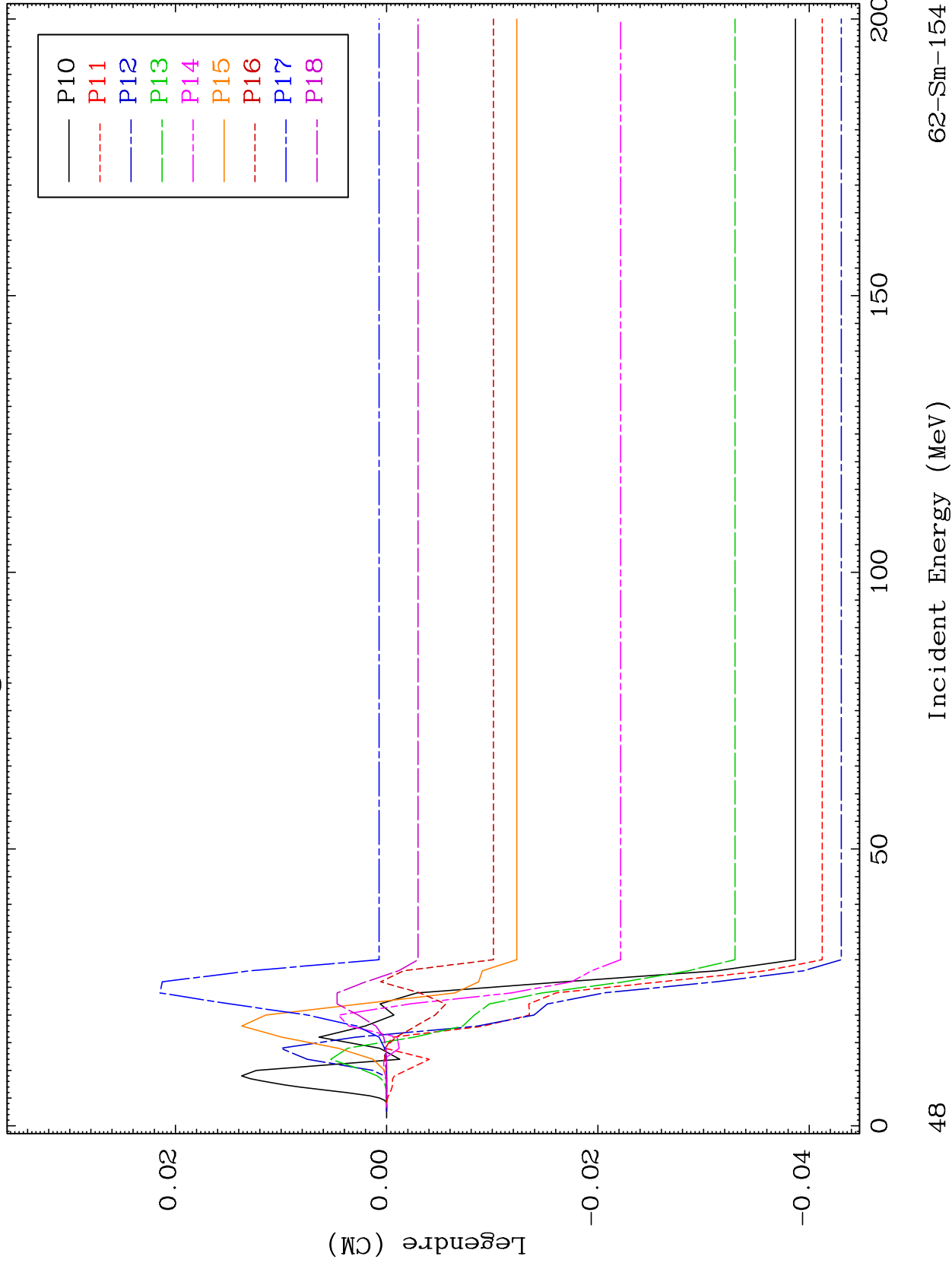
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



62-Sm-154

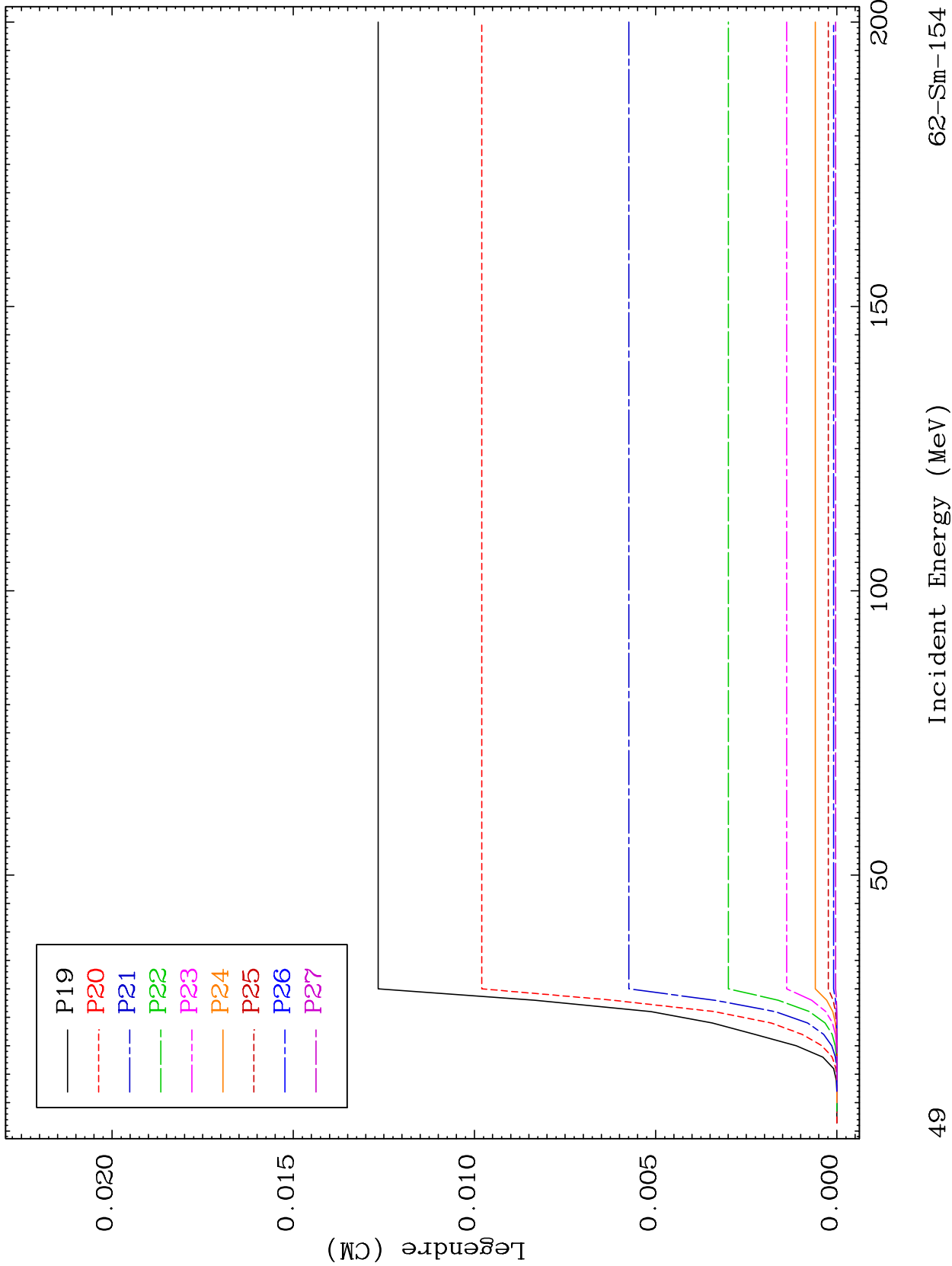
Incident Energy (MeV)

48

MAT 6255

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

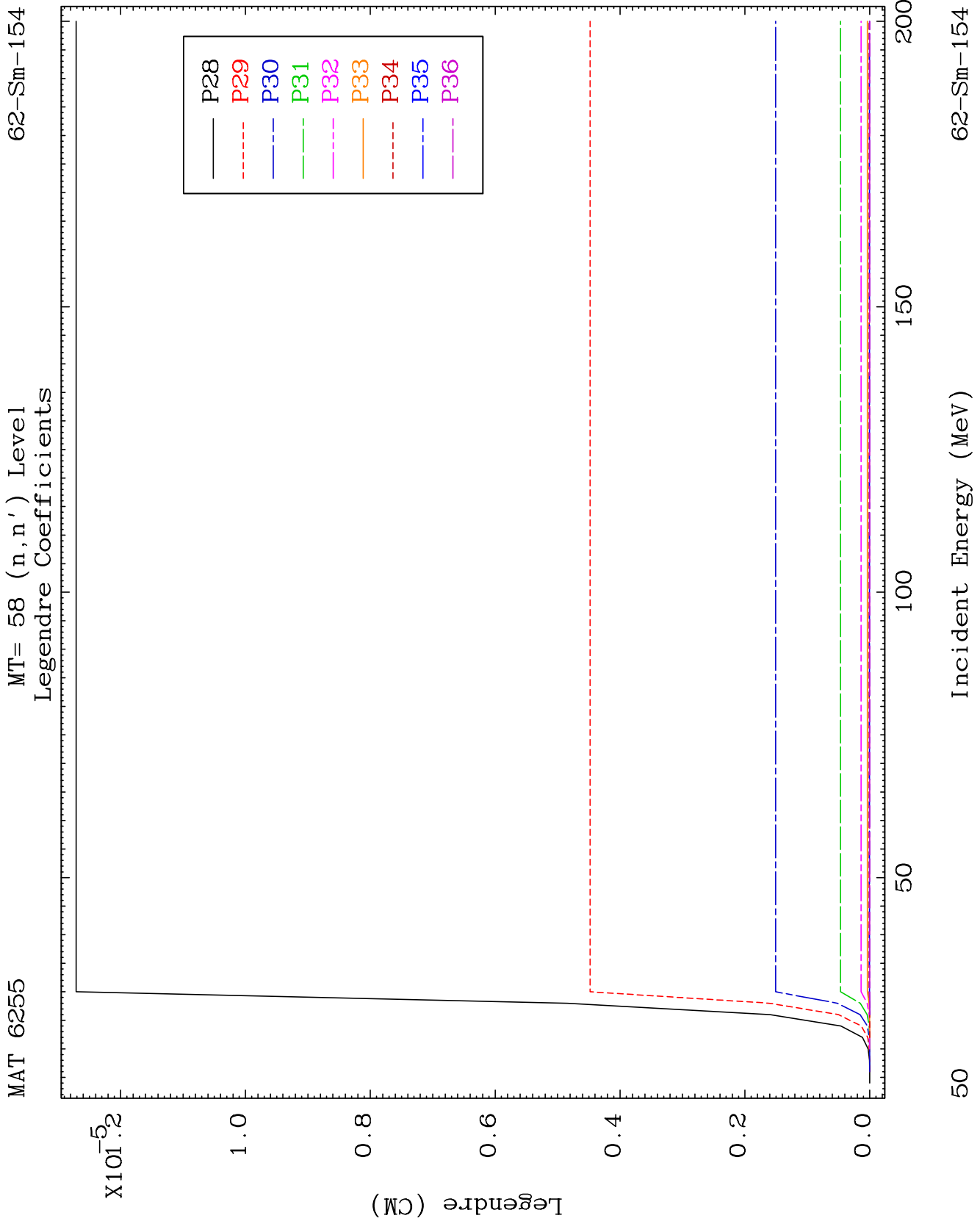
62-Sm-154



49

Incident Energy (MeV)

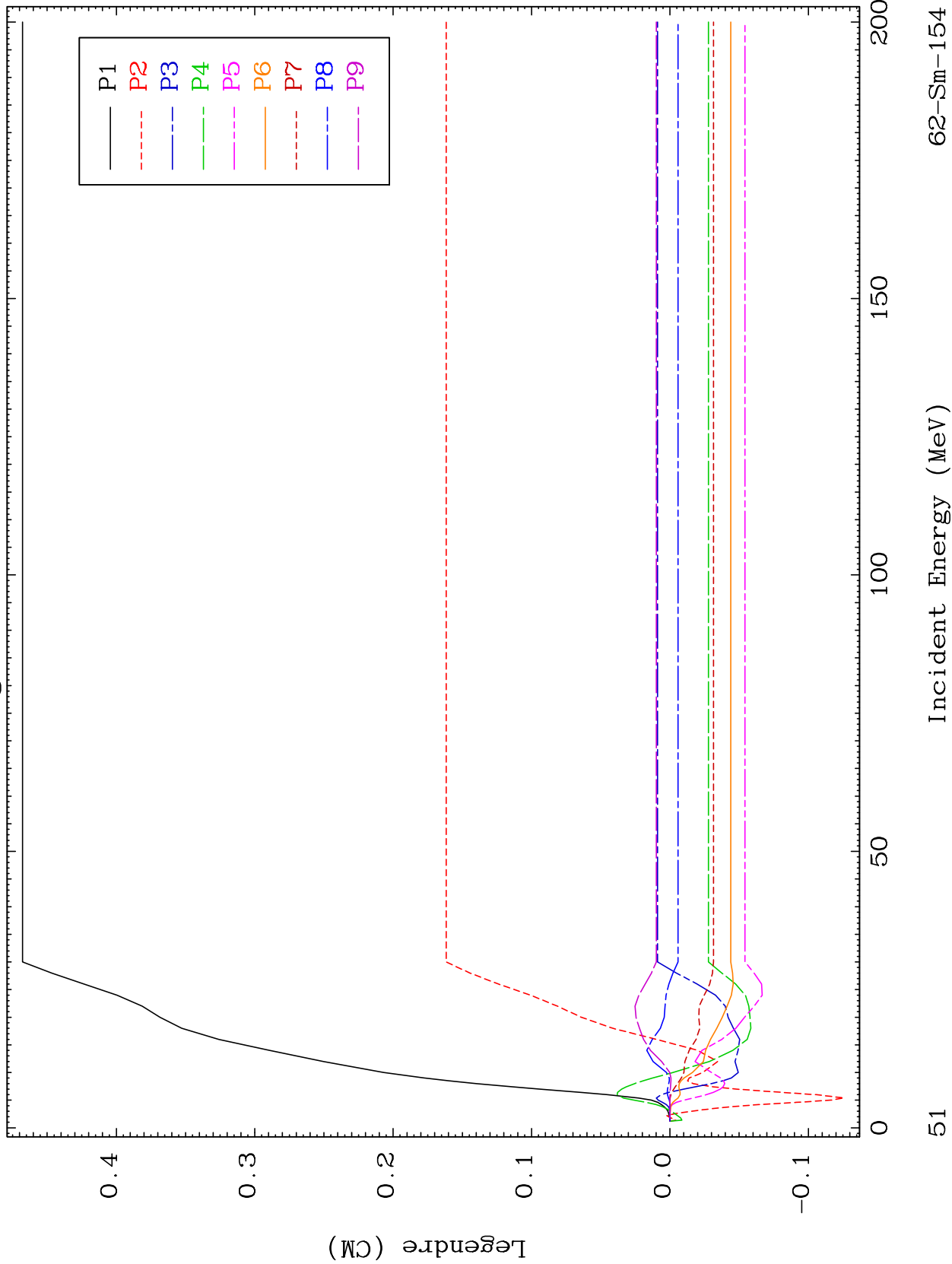
62-Sm-154



MAT 6255

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

62-Sm-154



62-Sm-154

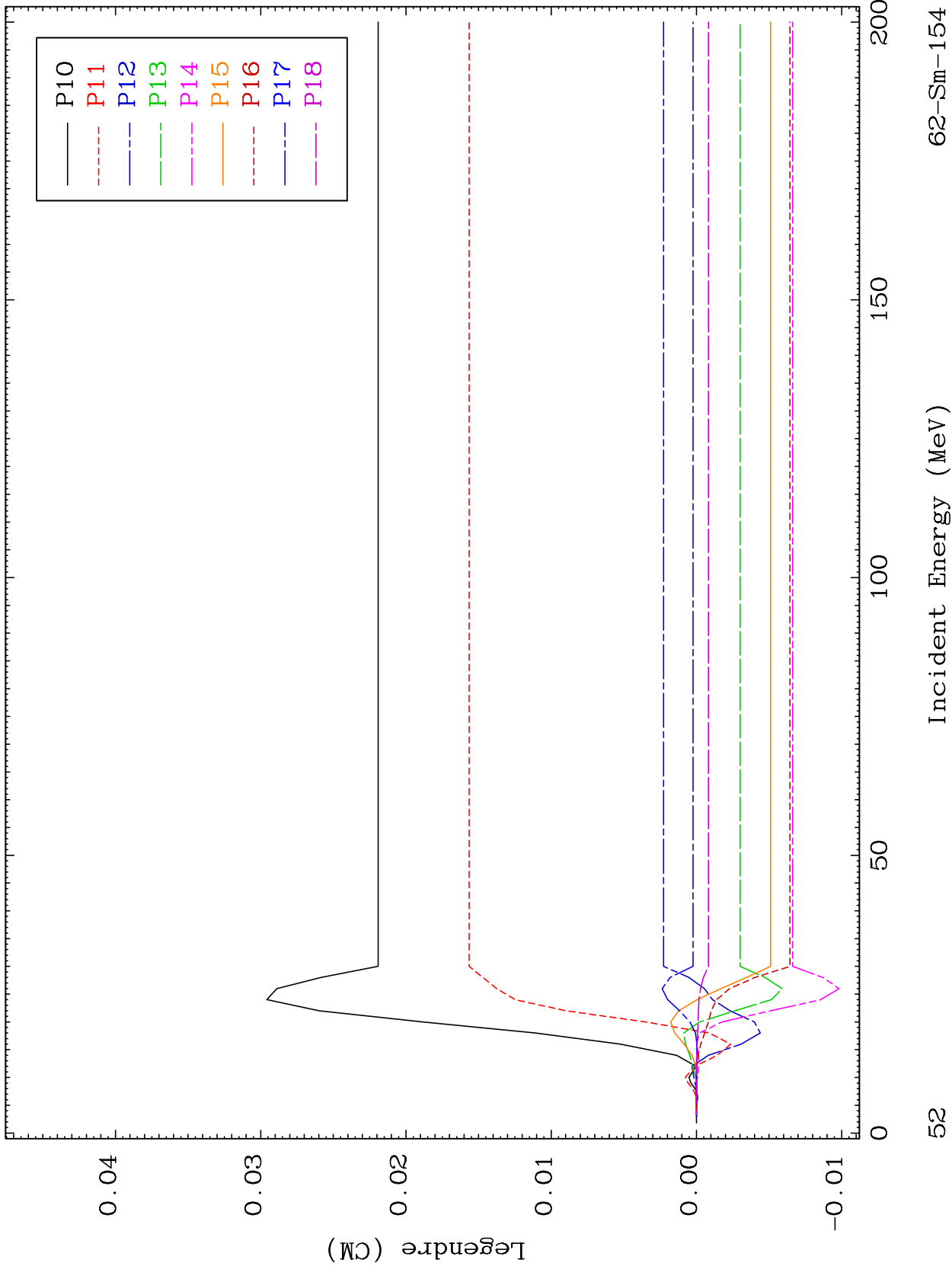
Incident Energy (MeV)

51

MAT 6255

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

62-Sm-154



62-Sm-154

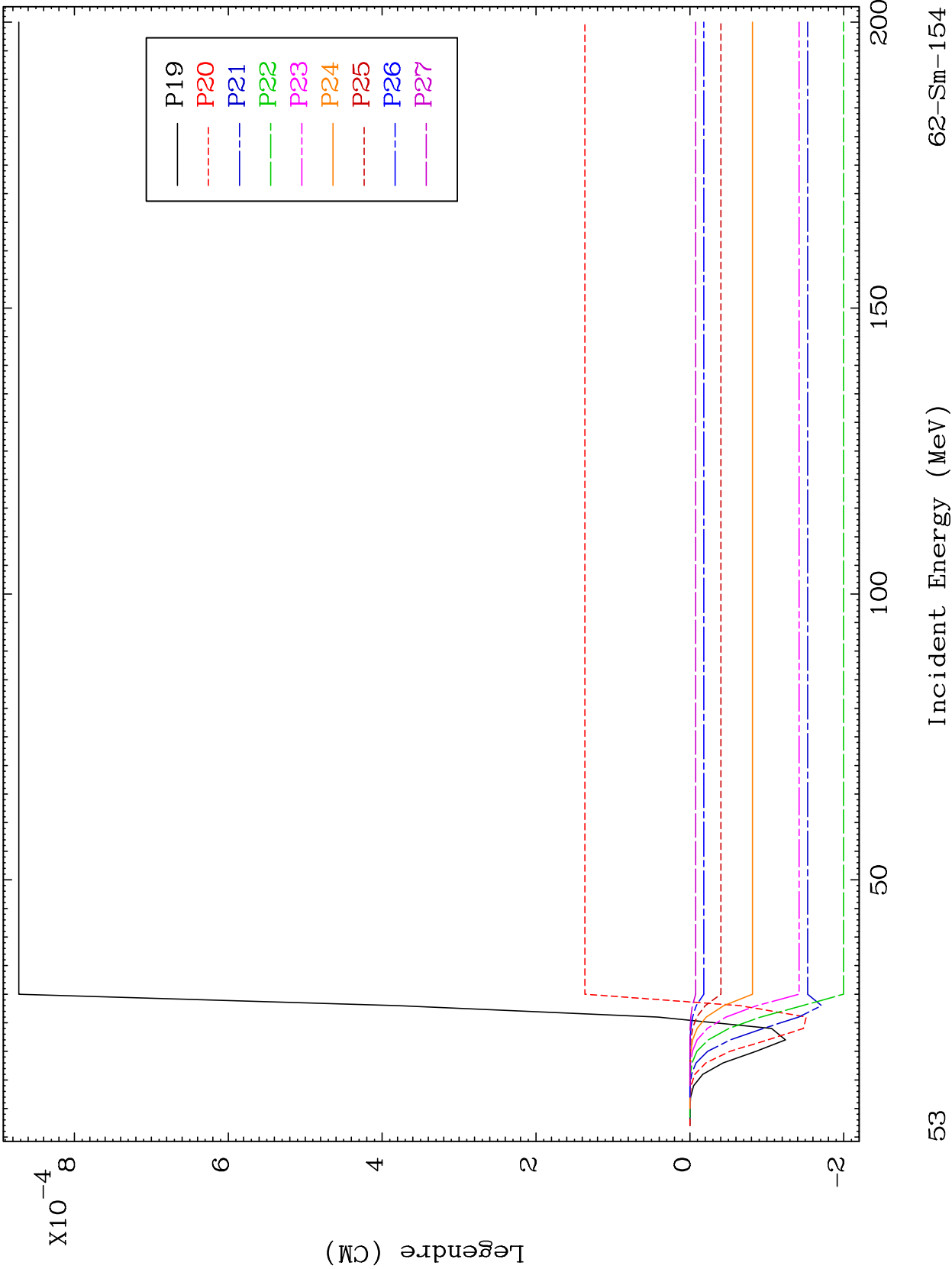
Incident Energy (MeV)

52

MAT 6255

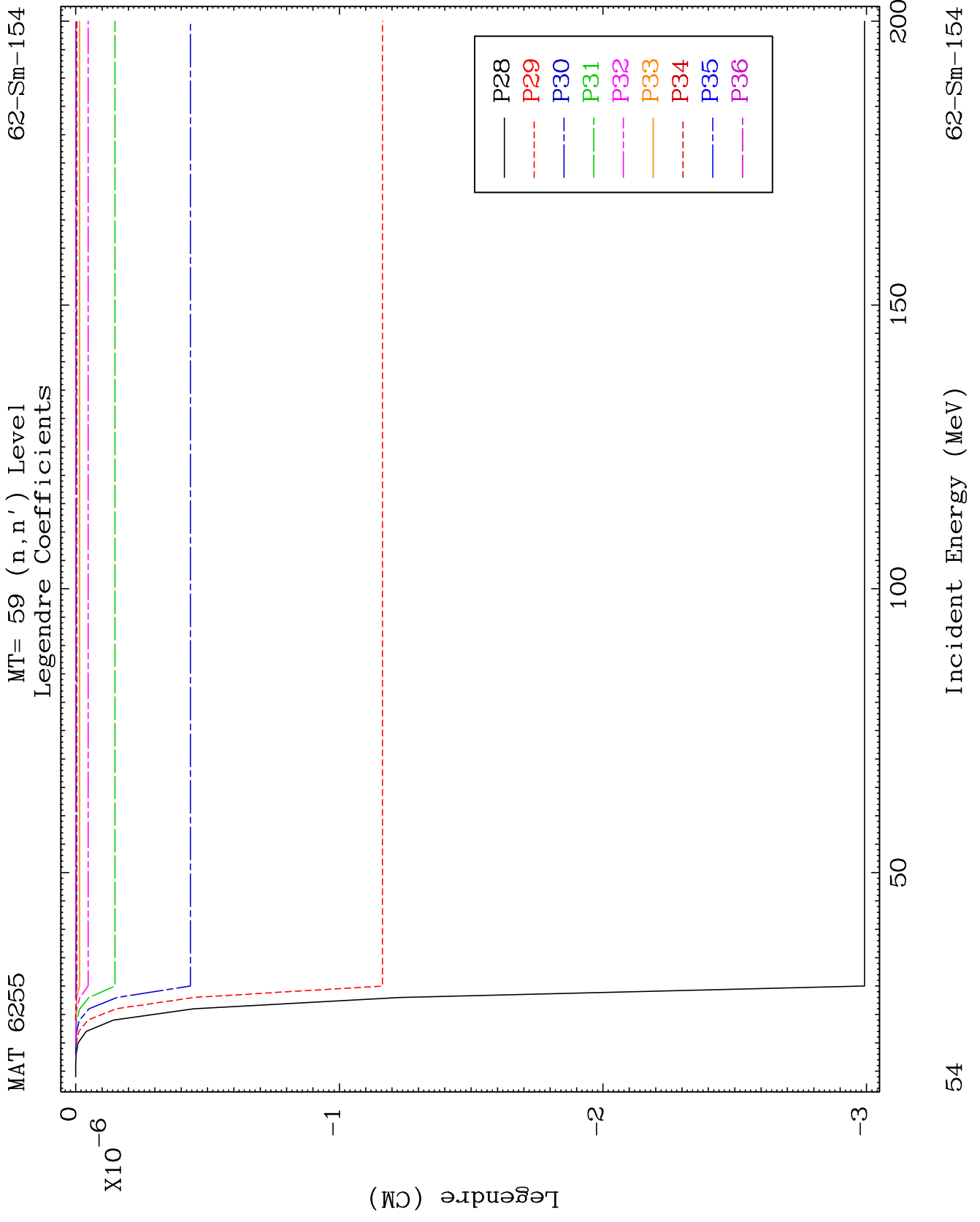
MT= 59 (n,n') Level
Legendre Coefficients

62-Sm-154



53

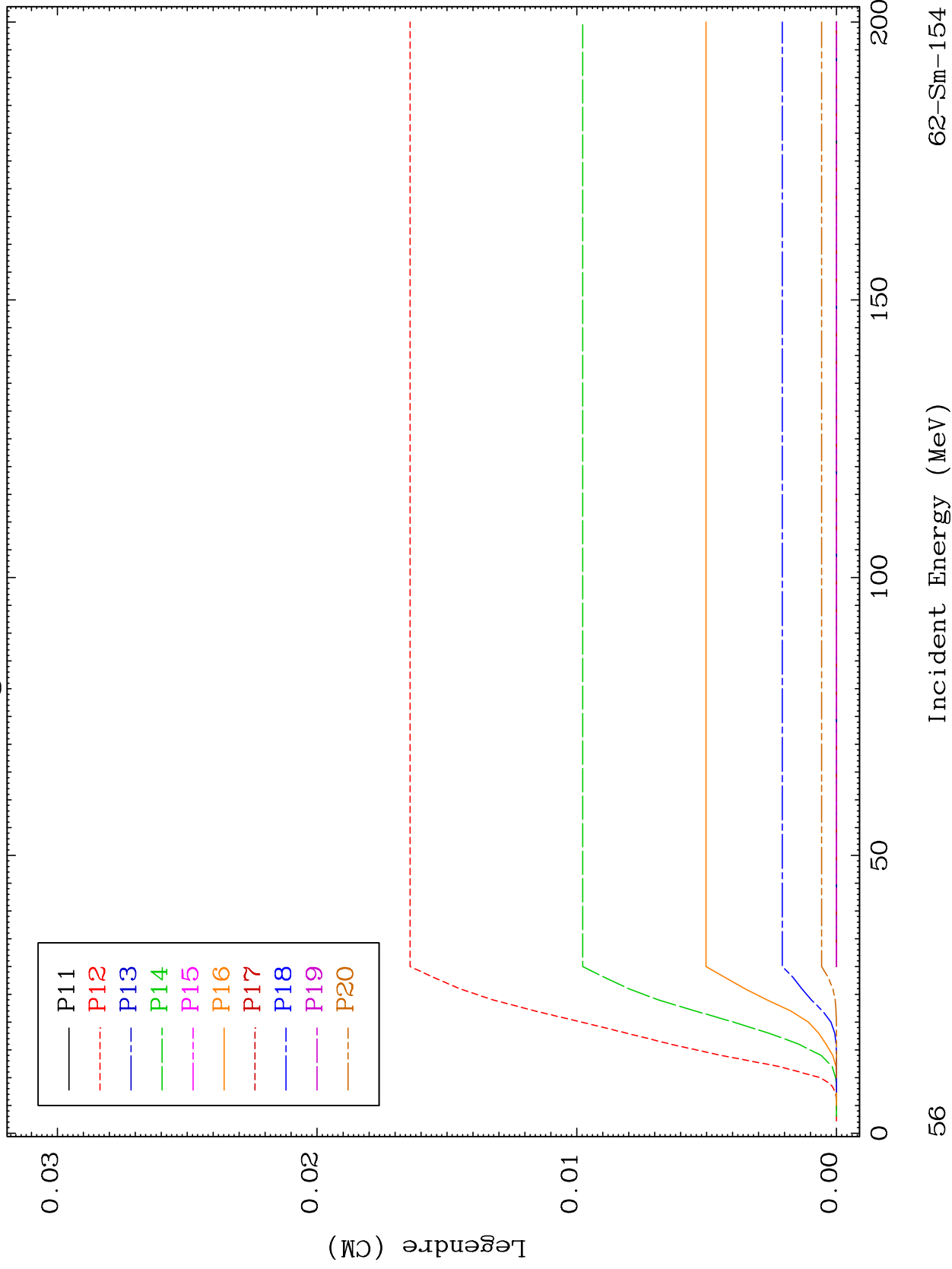
62-Sm-154



MAT 6255

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

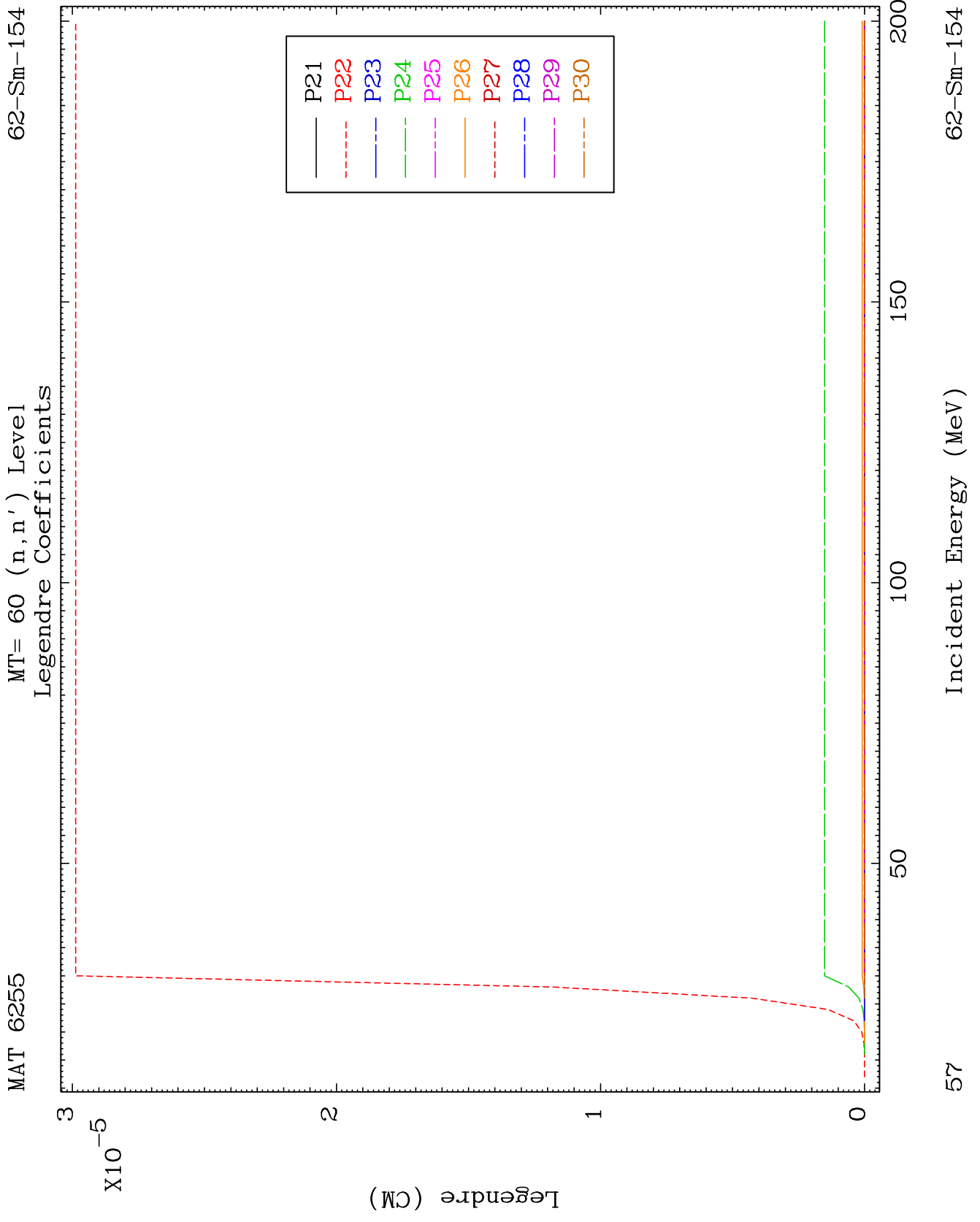
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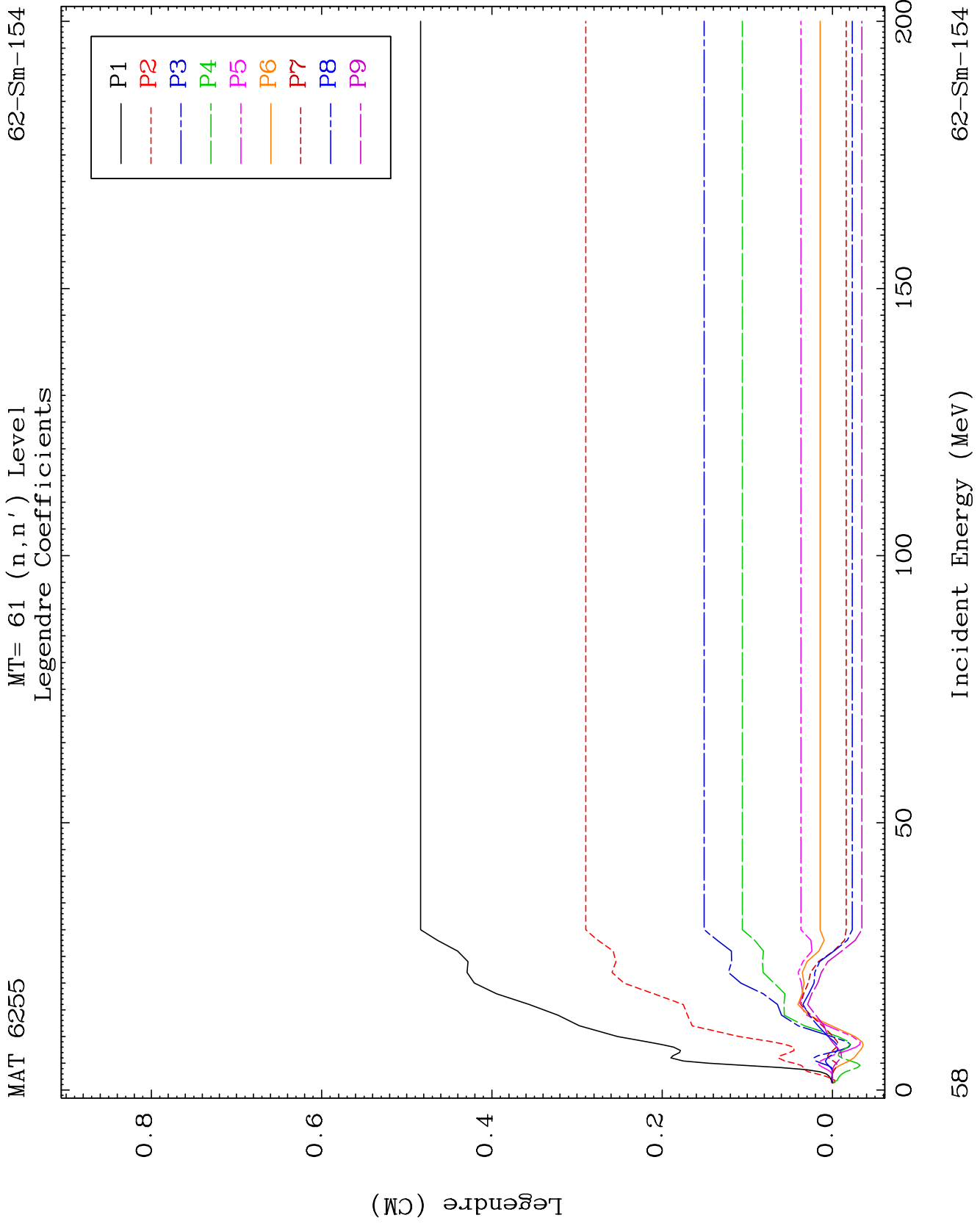


62-Sm-154

Incident Energy (MeV)

56

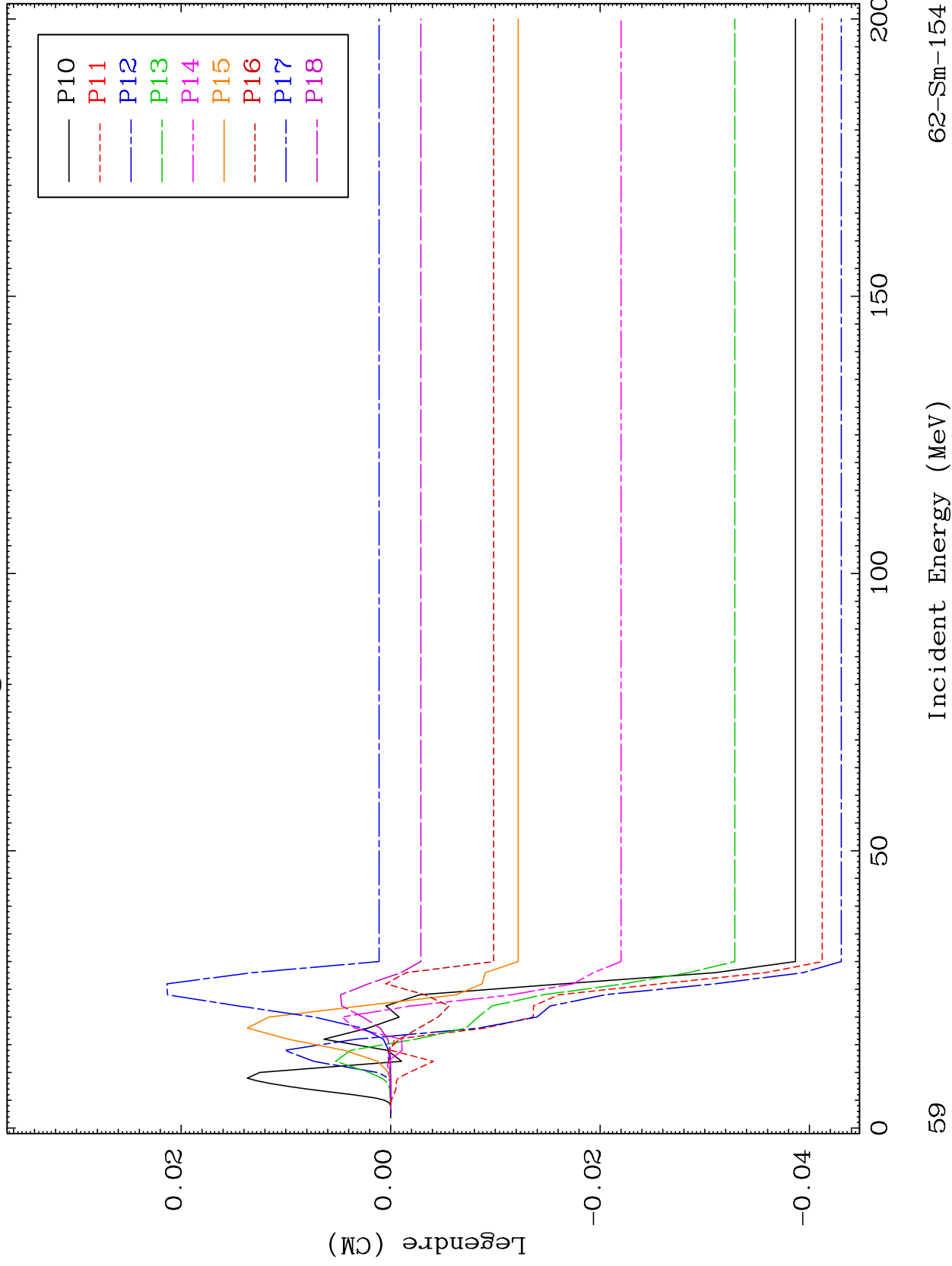




MAT 6255

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

62-Sm-154



62-Sm-154

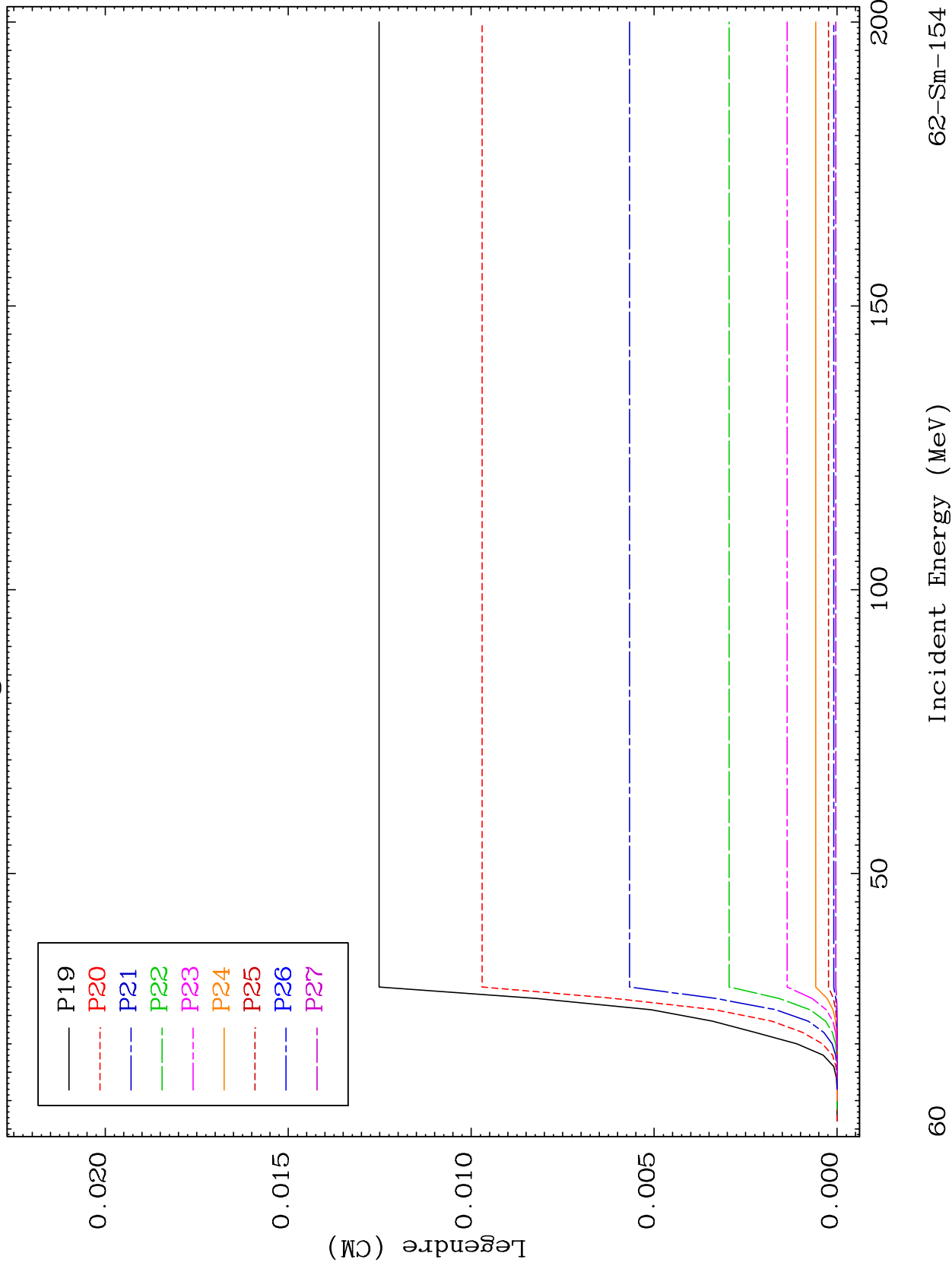
Incident Energy (MeV)

59

MAT 6255

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

62-Sm-154



62-Sm-154

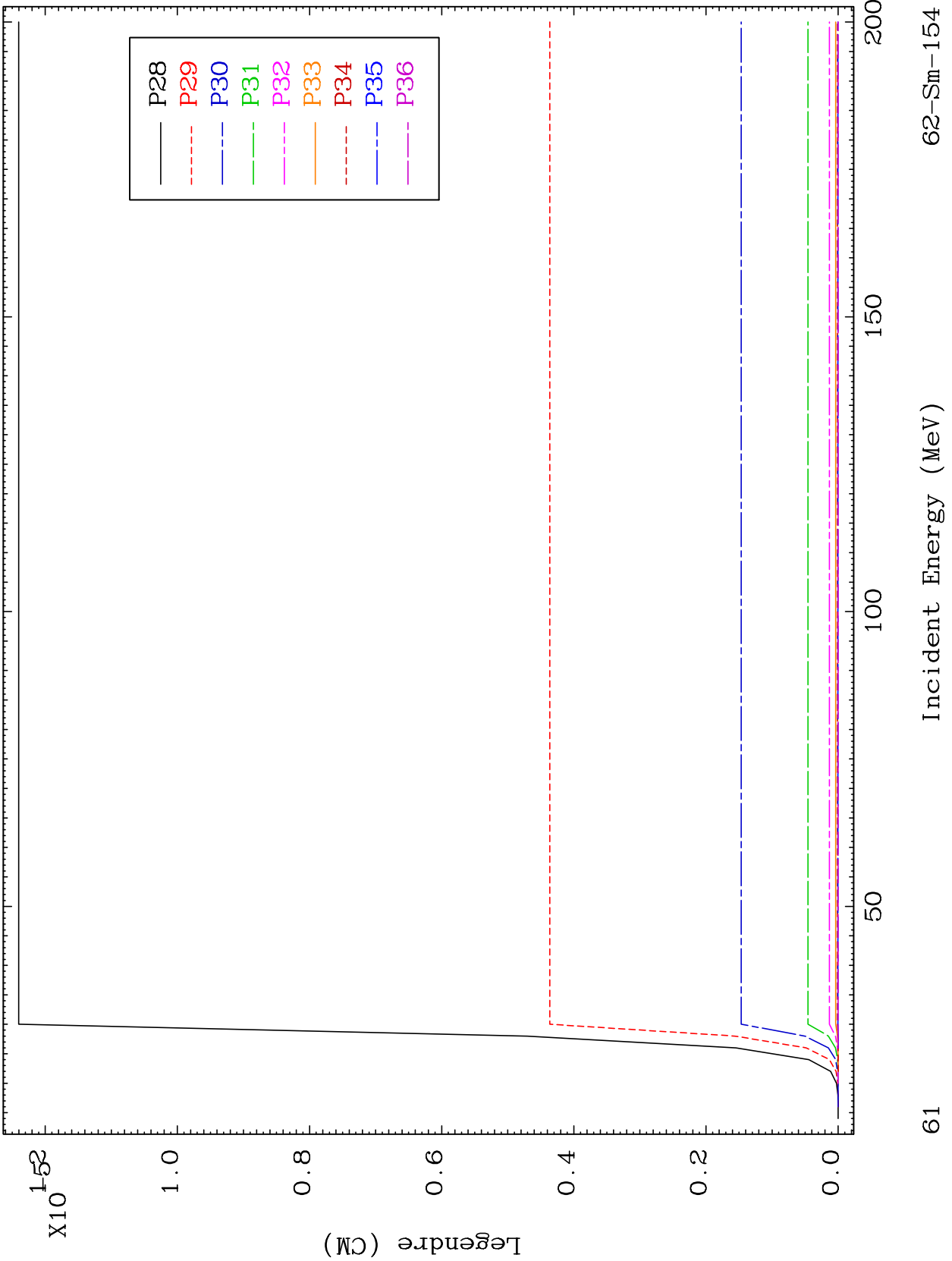
Incident Energy (MeV)

60

MAT 6255

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

62-Sm-154



62-Sm-154

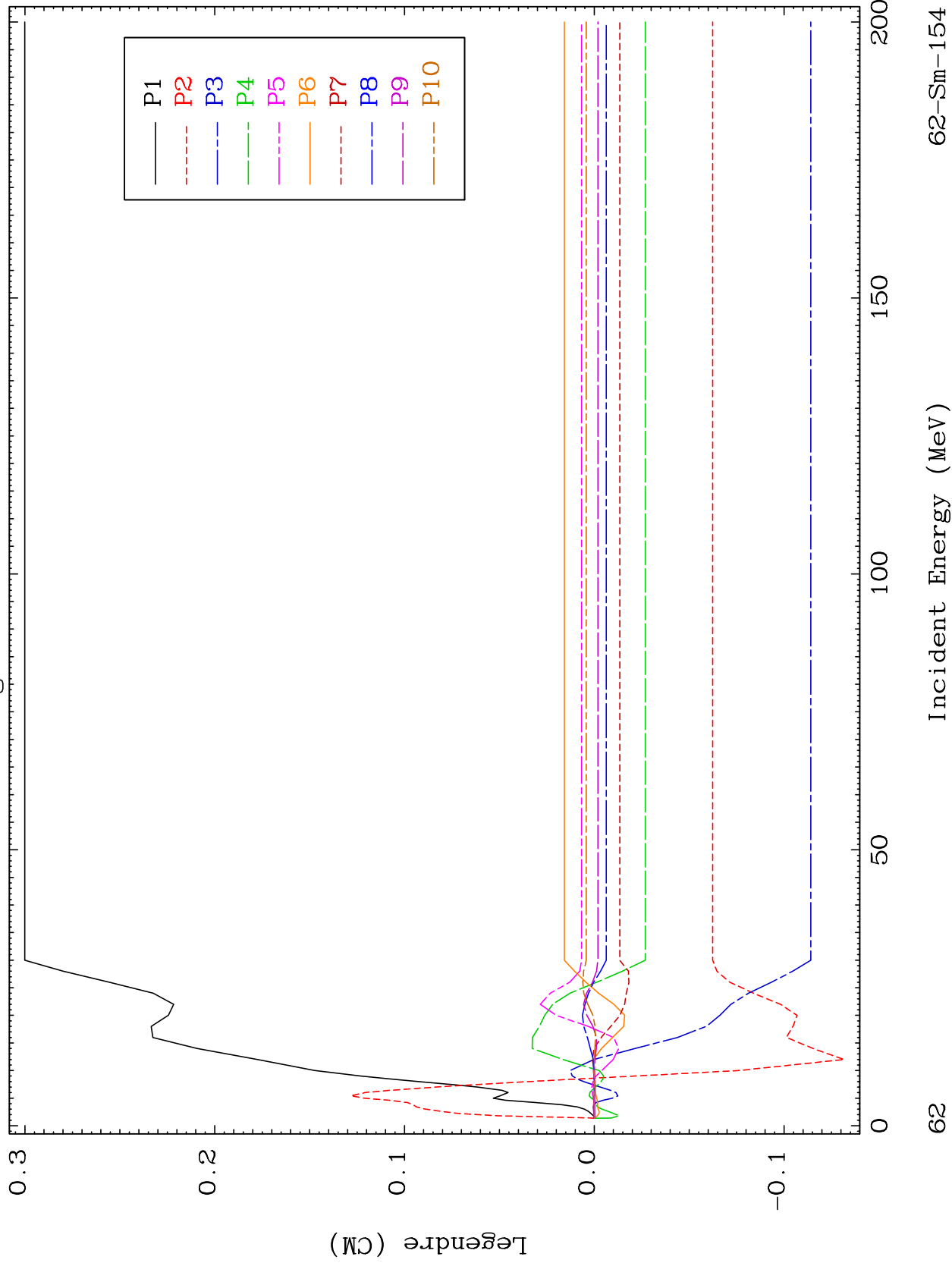
Incident Energy (MeV)

61

MAT 6255

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

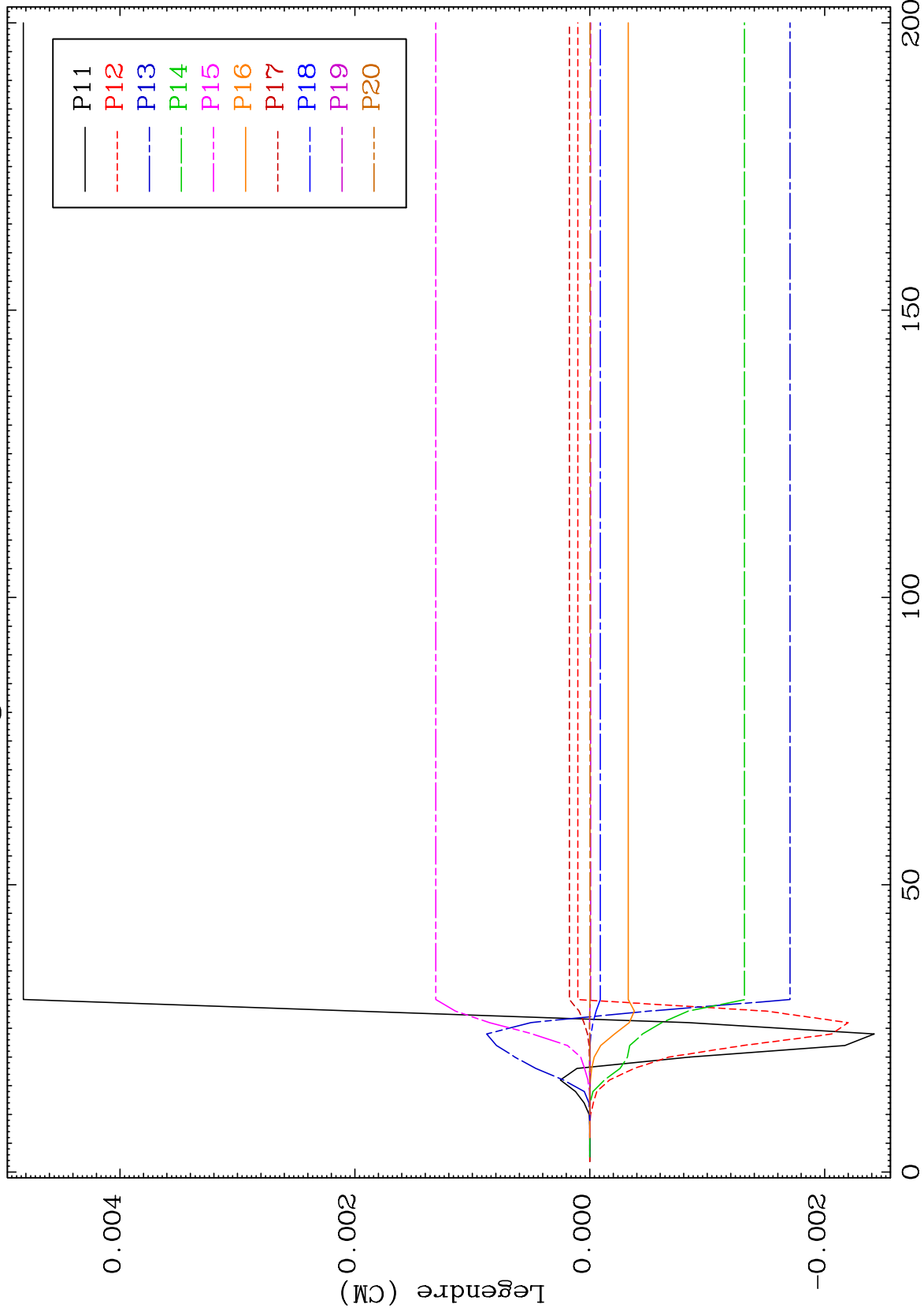
62-Sm-154



MAT 6255

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

62-Sm-154



63

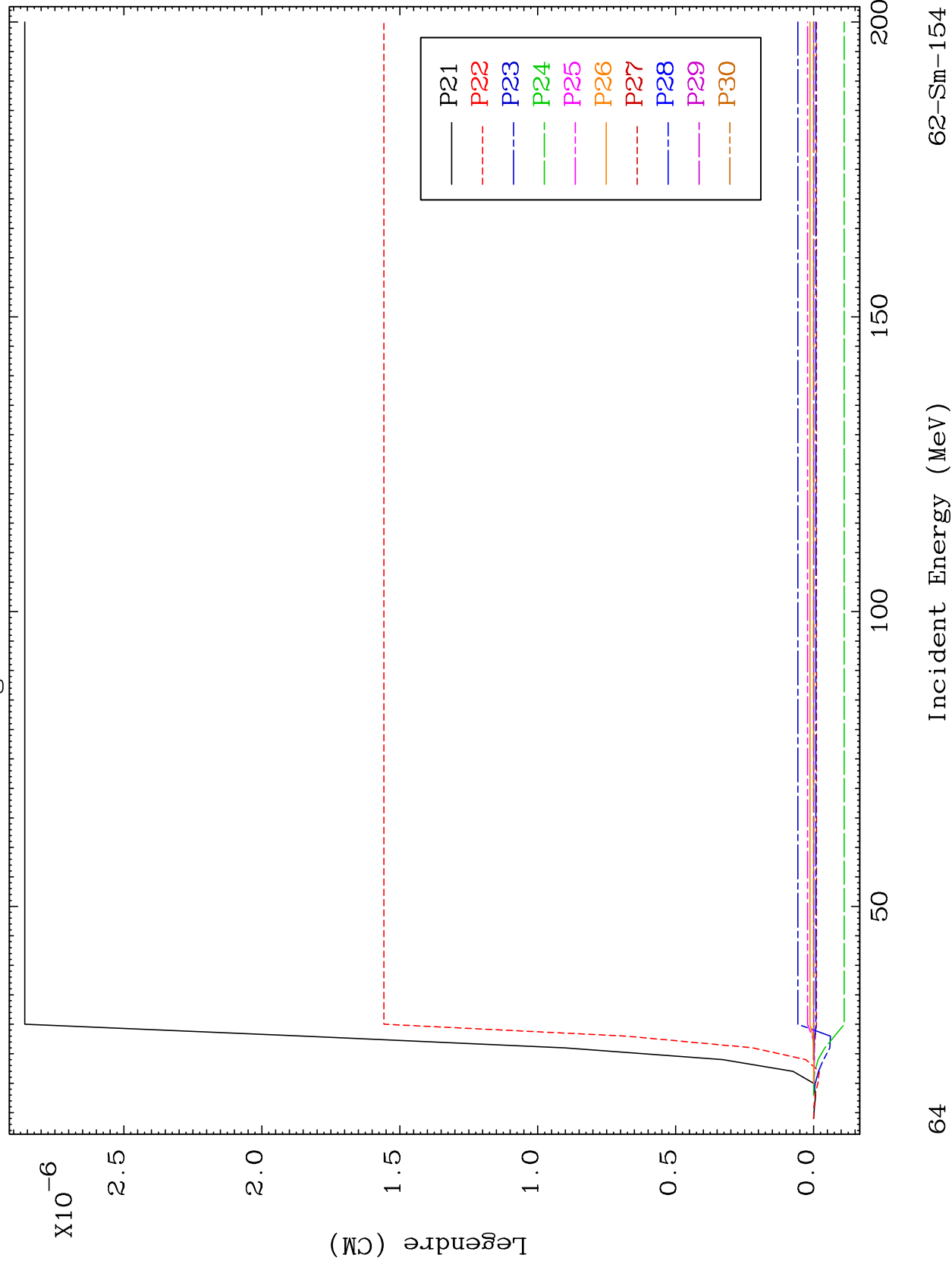
Incident Energy (MeV)

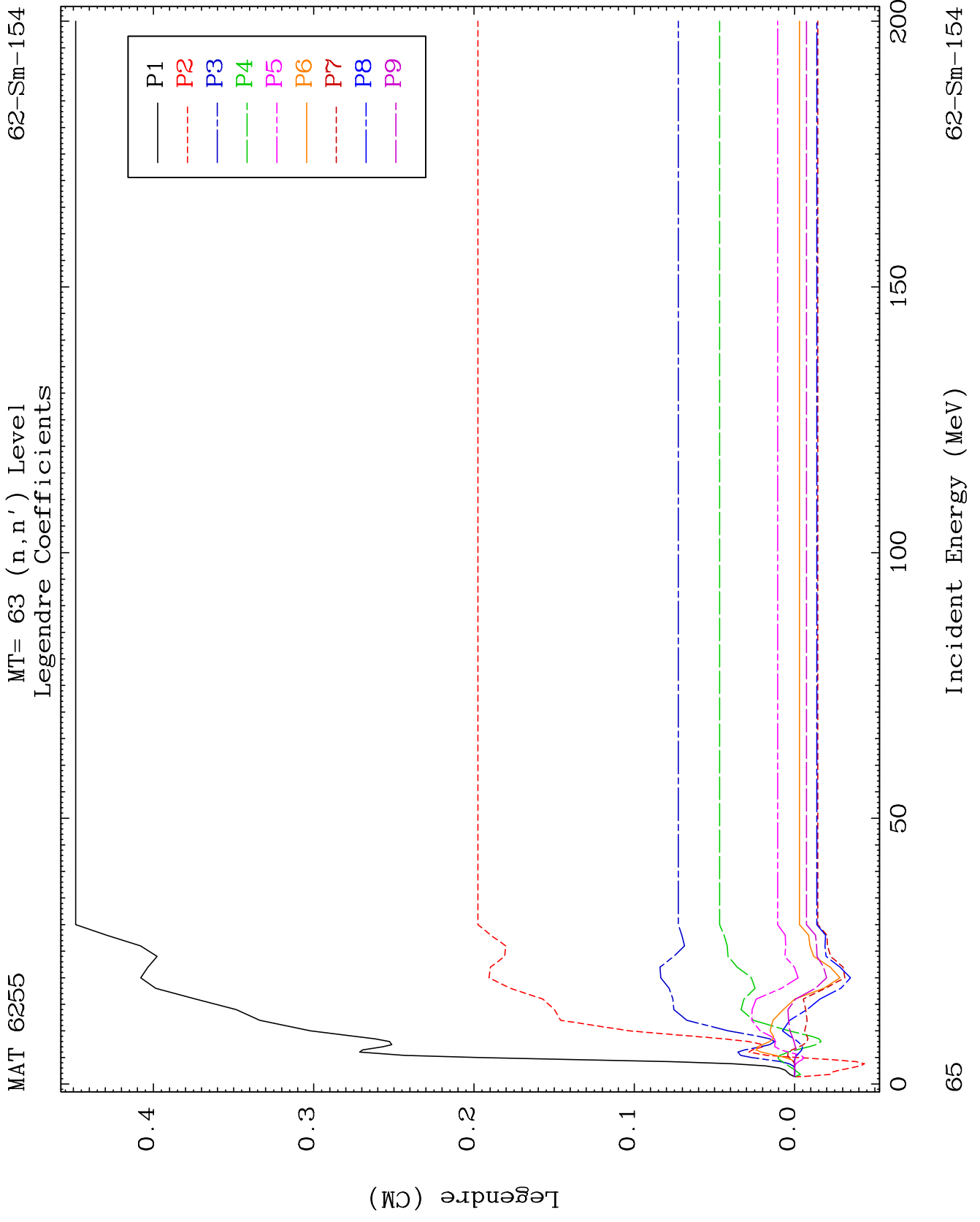
62-Sm-154

MAT 6255

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

62-Sm-154

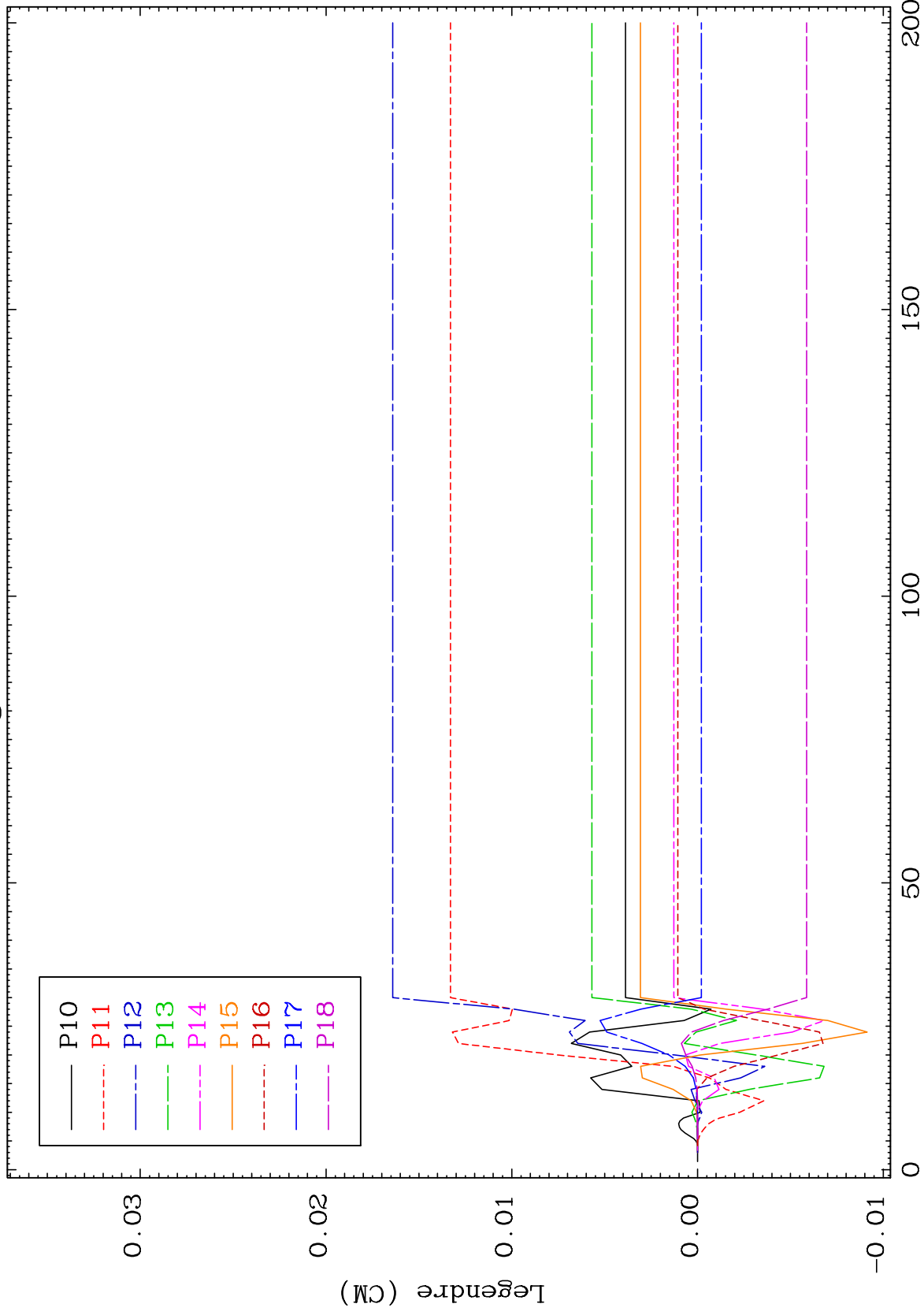




MAT 6255

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

62-Sm-154



66

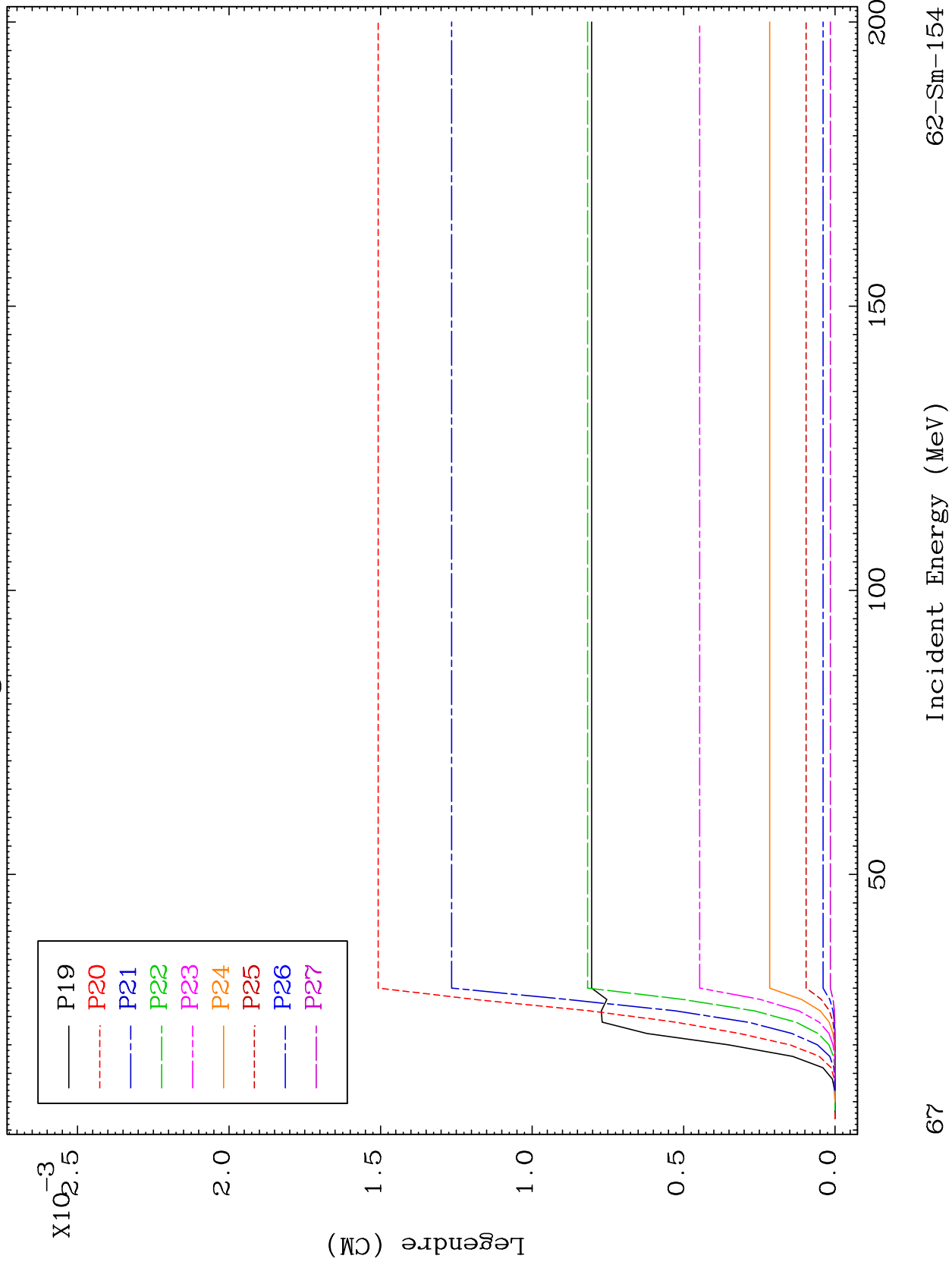
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

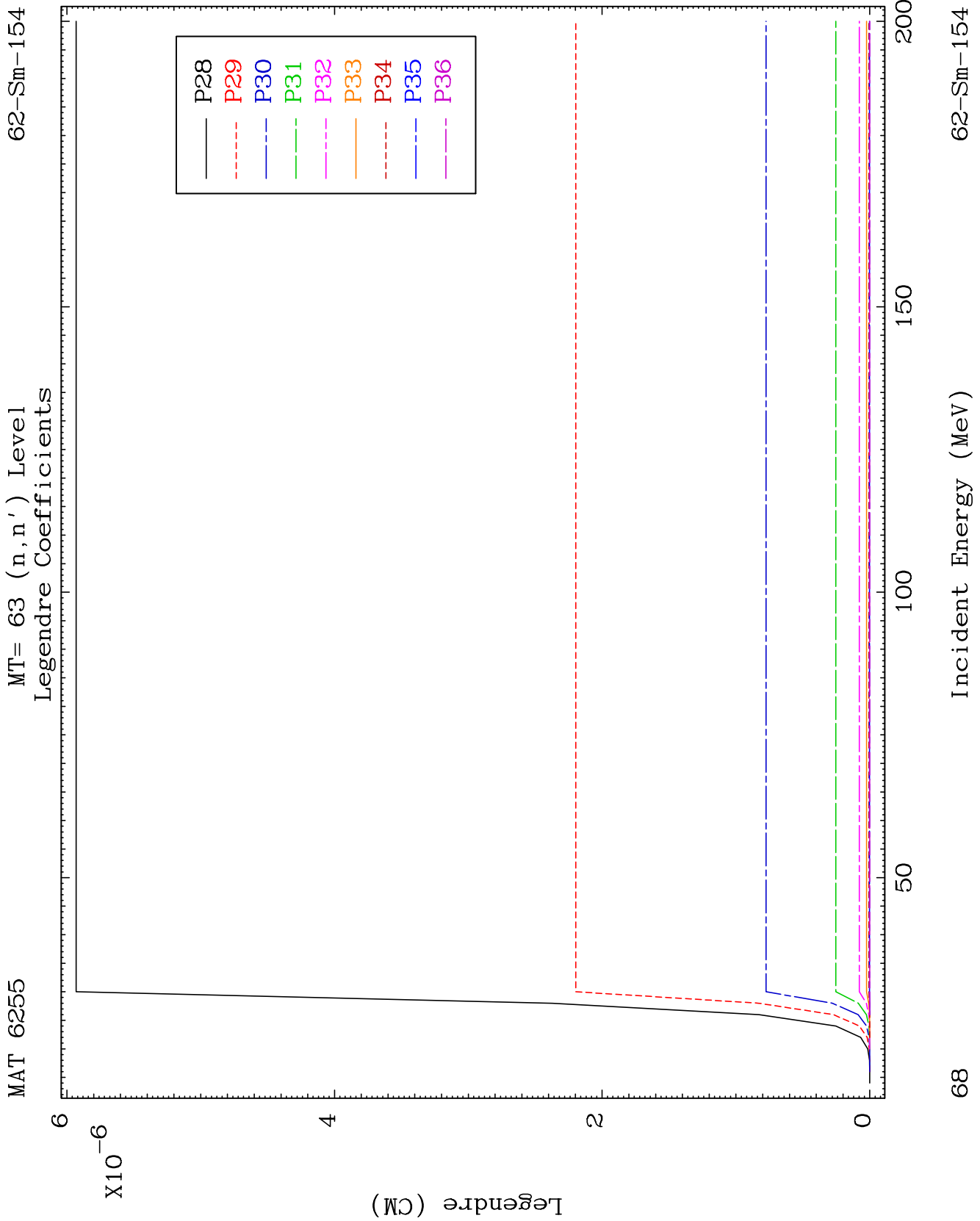
62-Sm-154



67

Incident Energy (MeV)

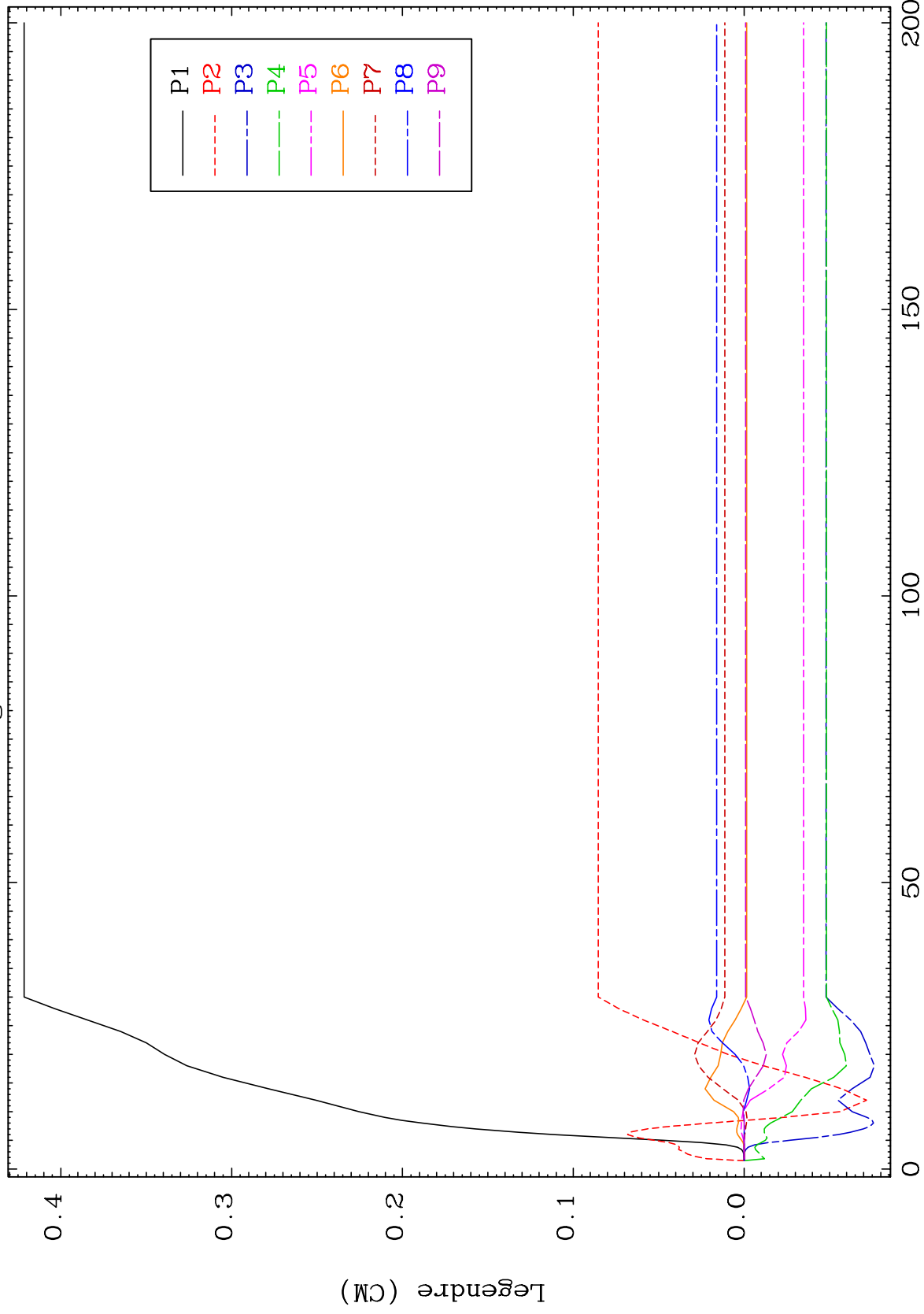
62-Sm-154



MAT 6255

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

62-Sm-154



69

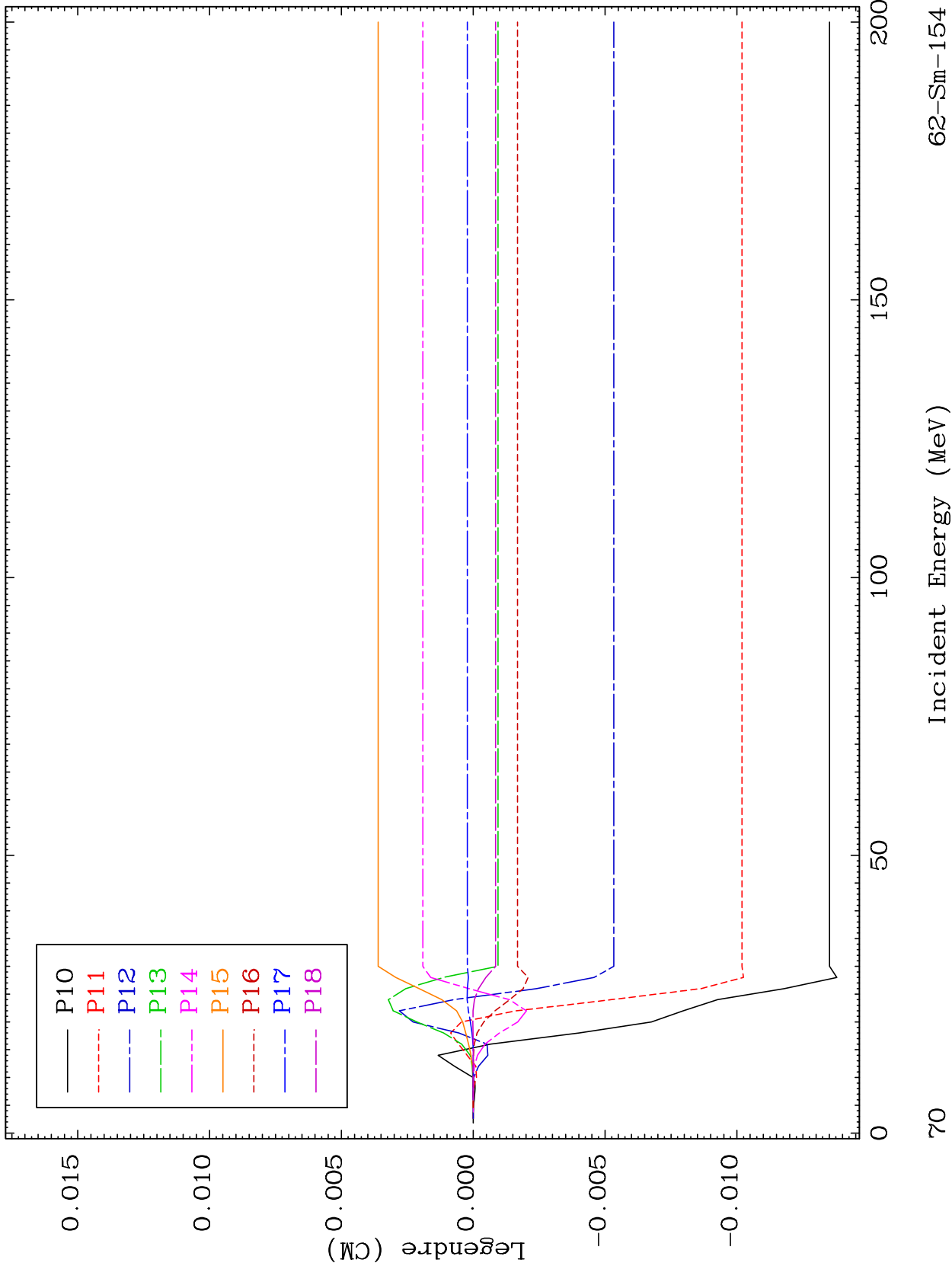
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



70

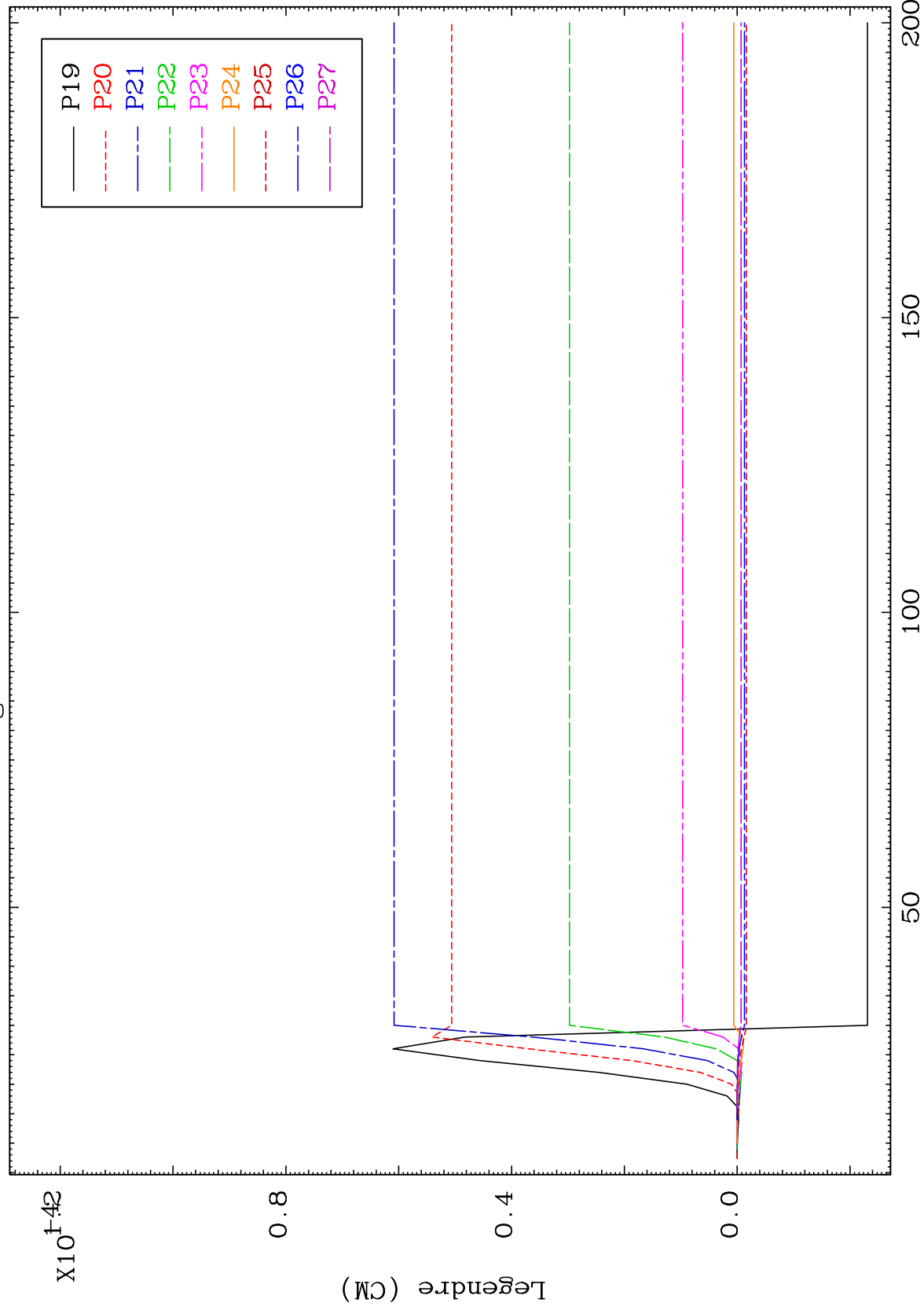
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

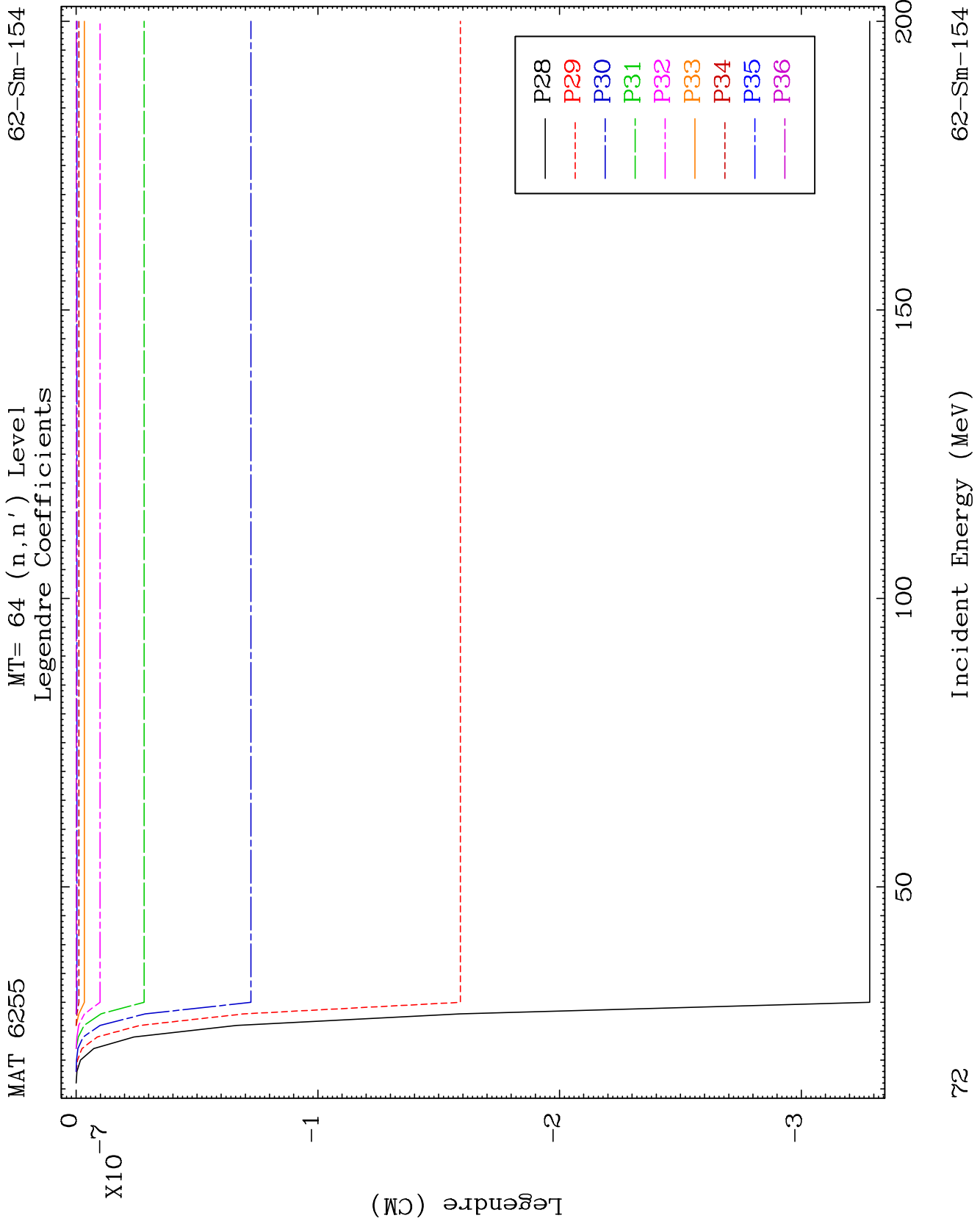
62-Sm-154



71

Incident Energy (MeV)

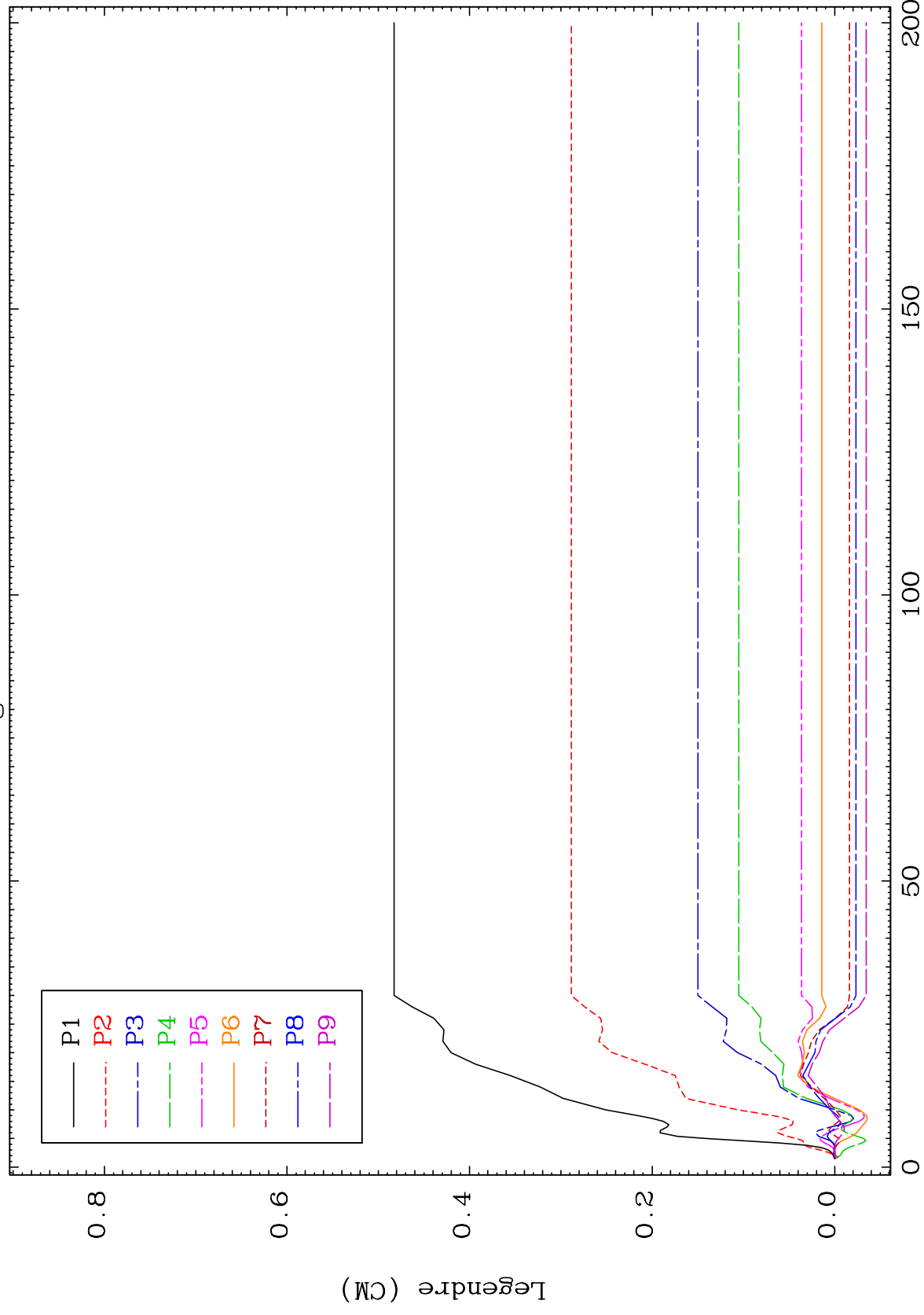
62-Sm-154



MAT 6255

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

62-Sm-154



73

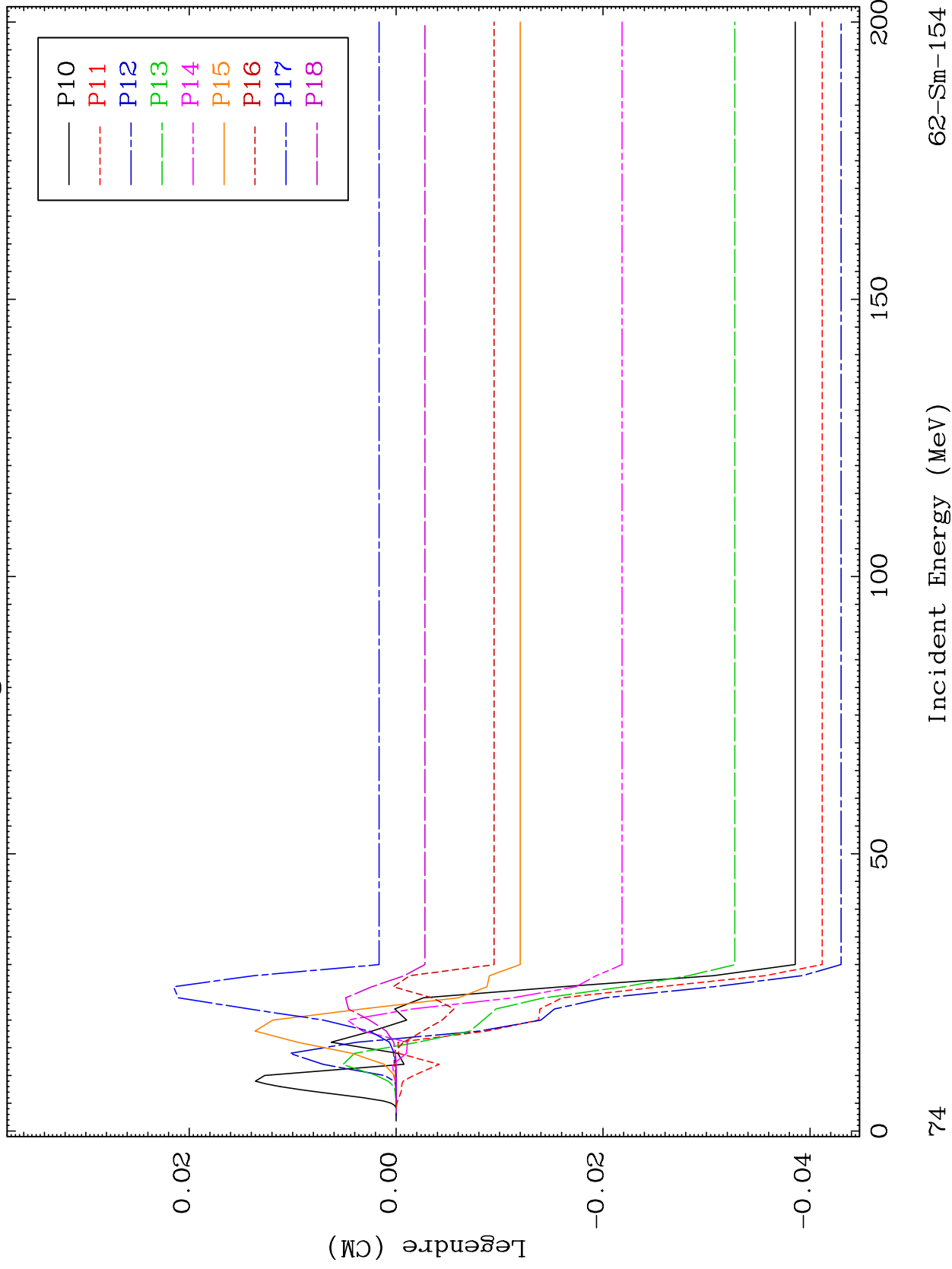
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



74

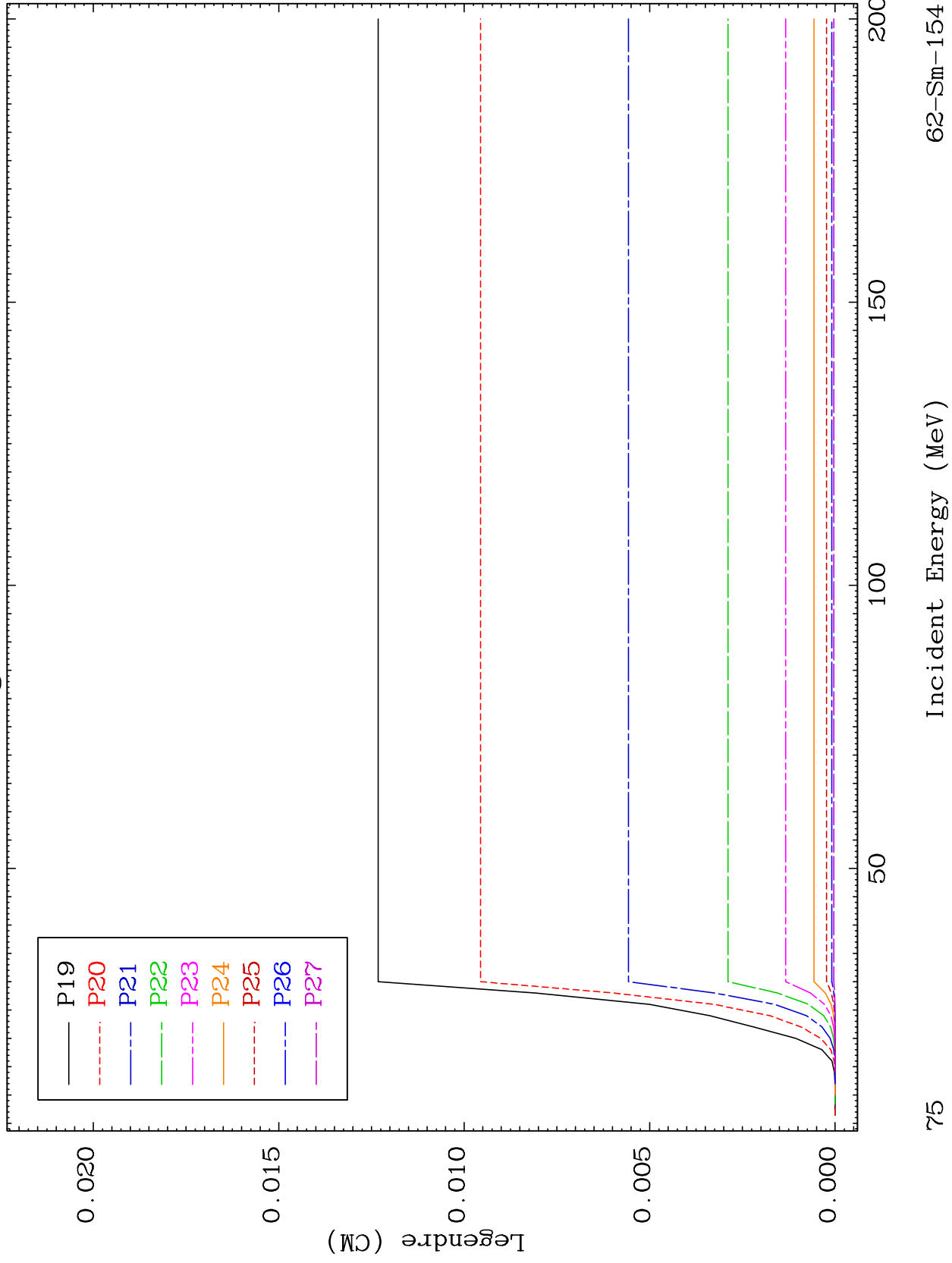
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



75

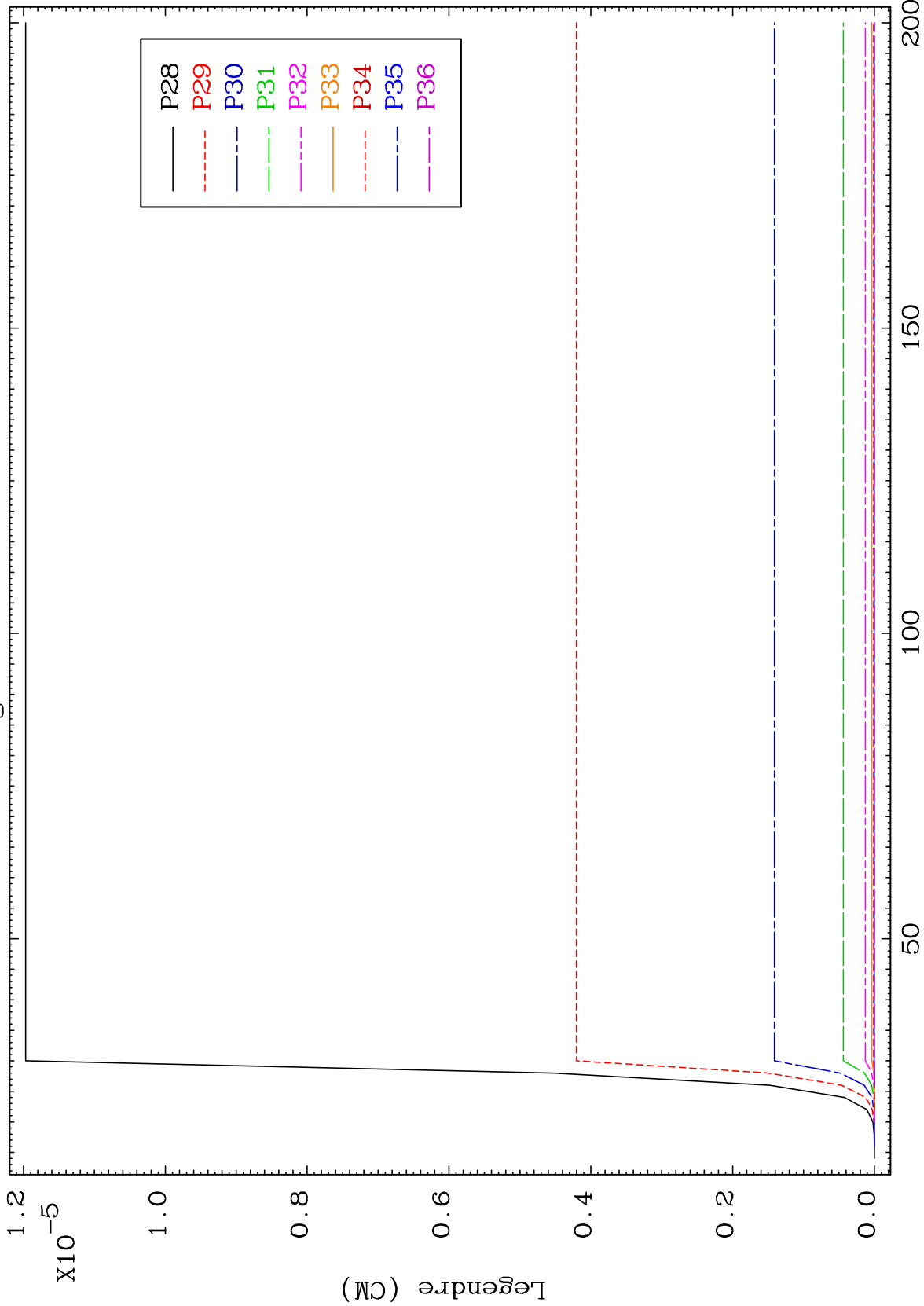
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



62-Sm-154

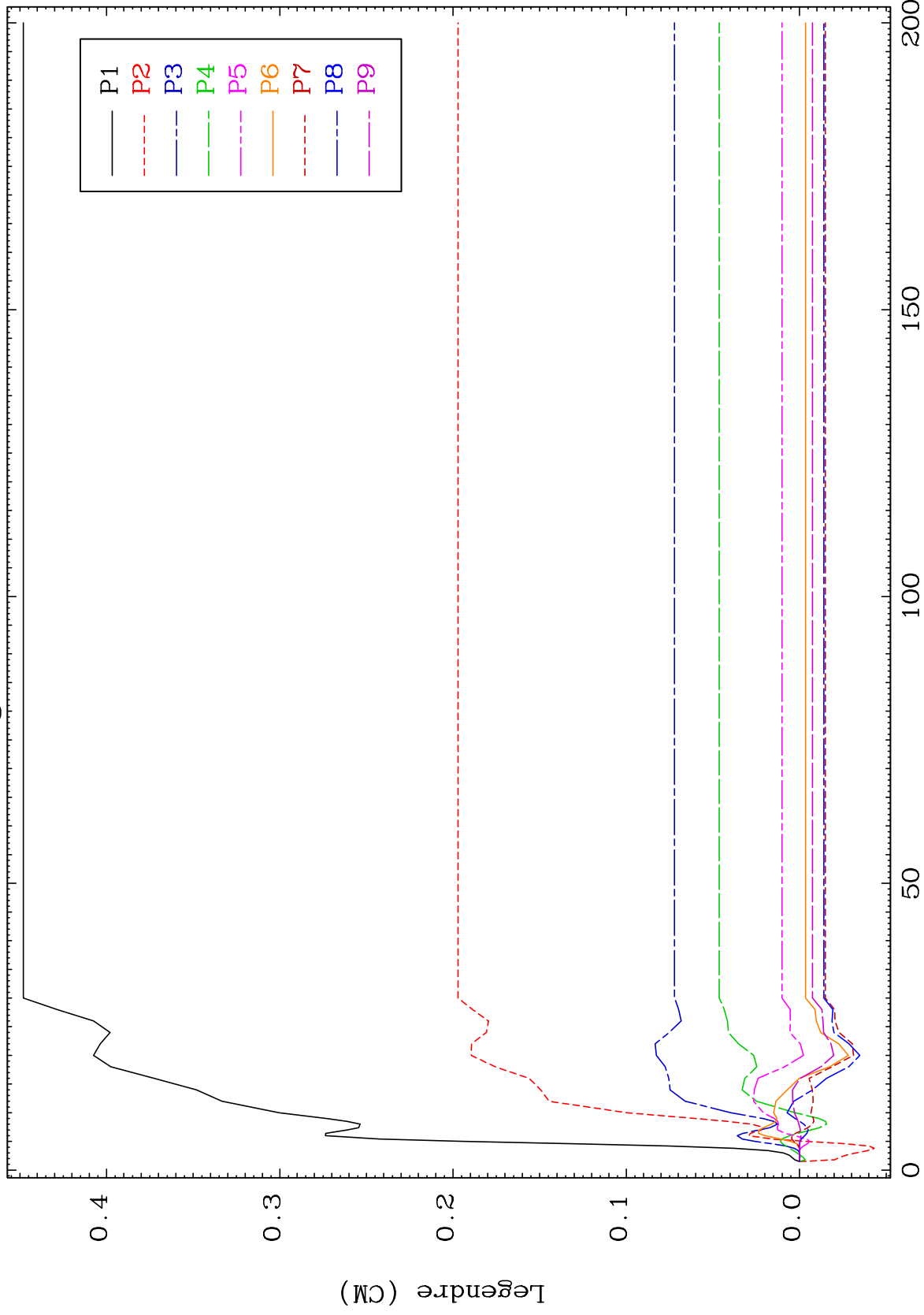
Incident Energy (MeV)

76

MAT 6255

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

62-Sm-154



77

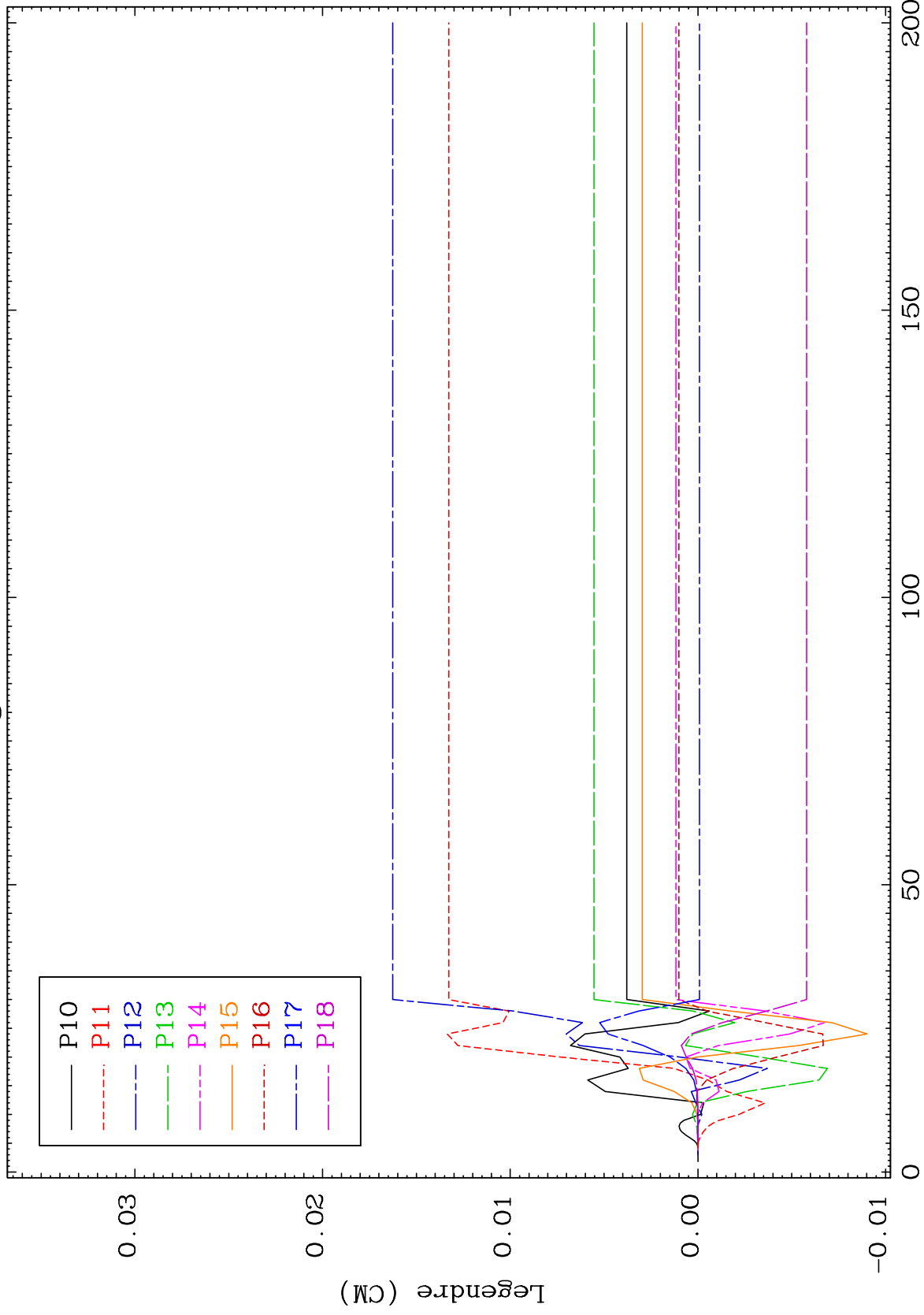
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



78

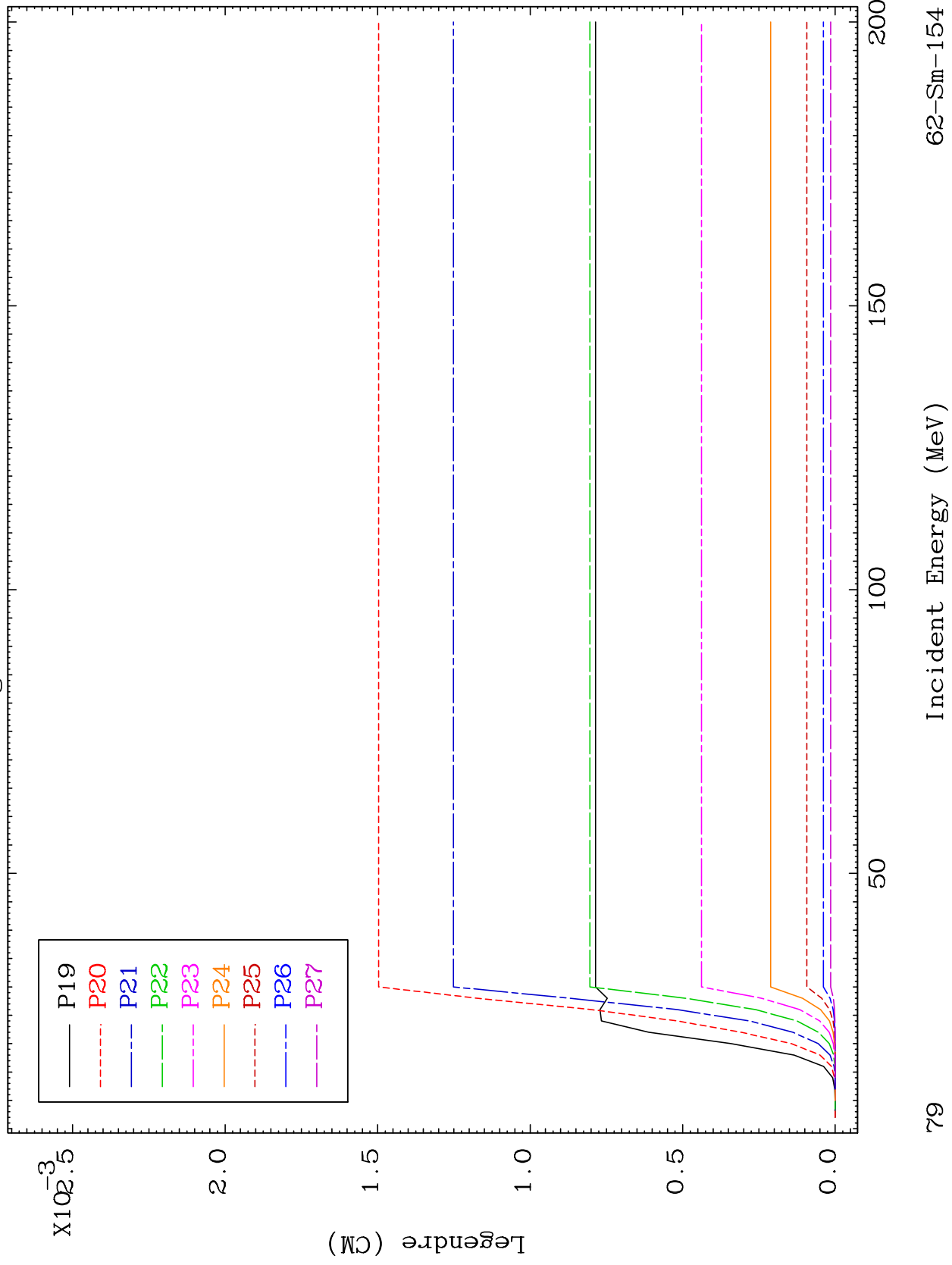
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154

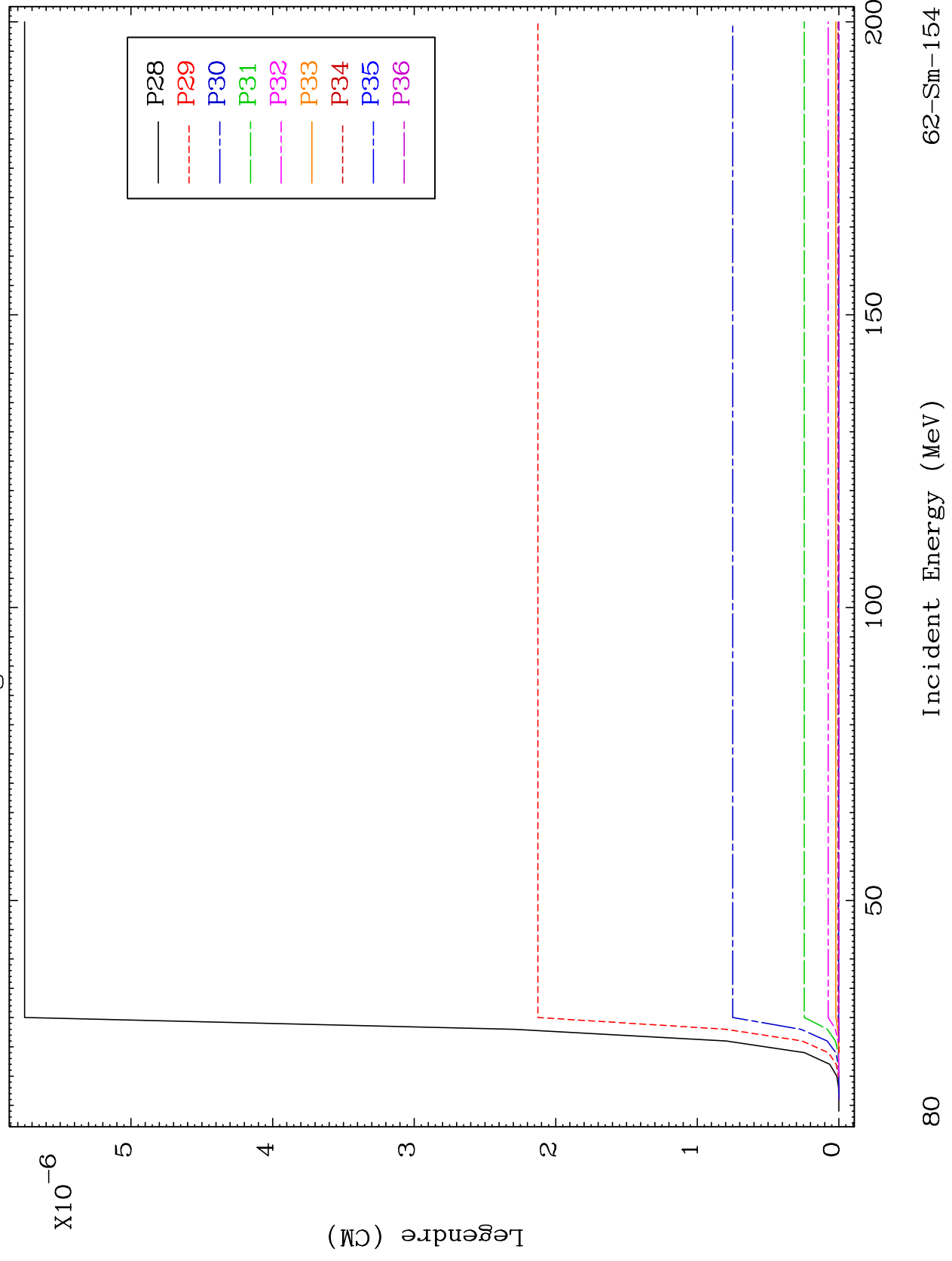


79

MAT 6255

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

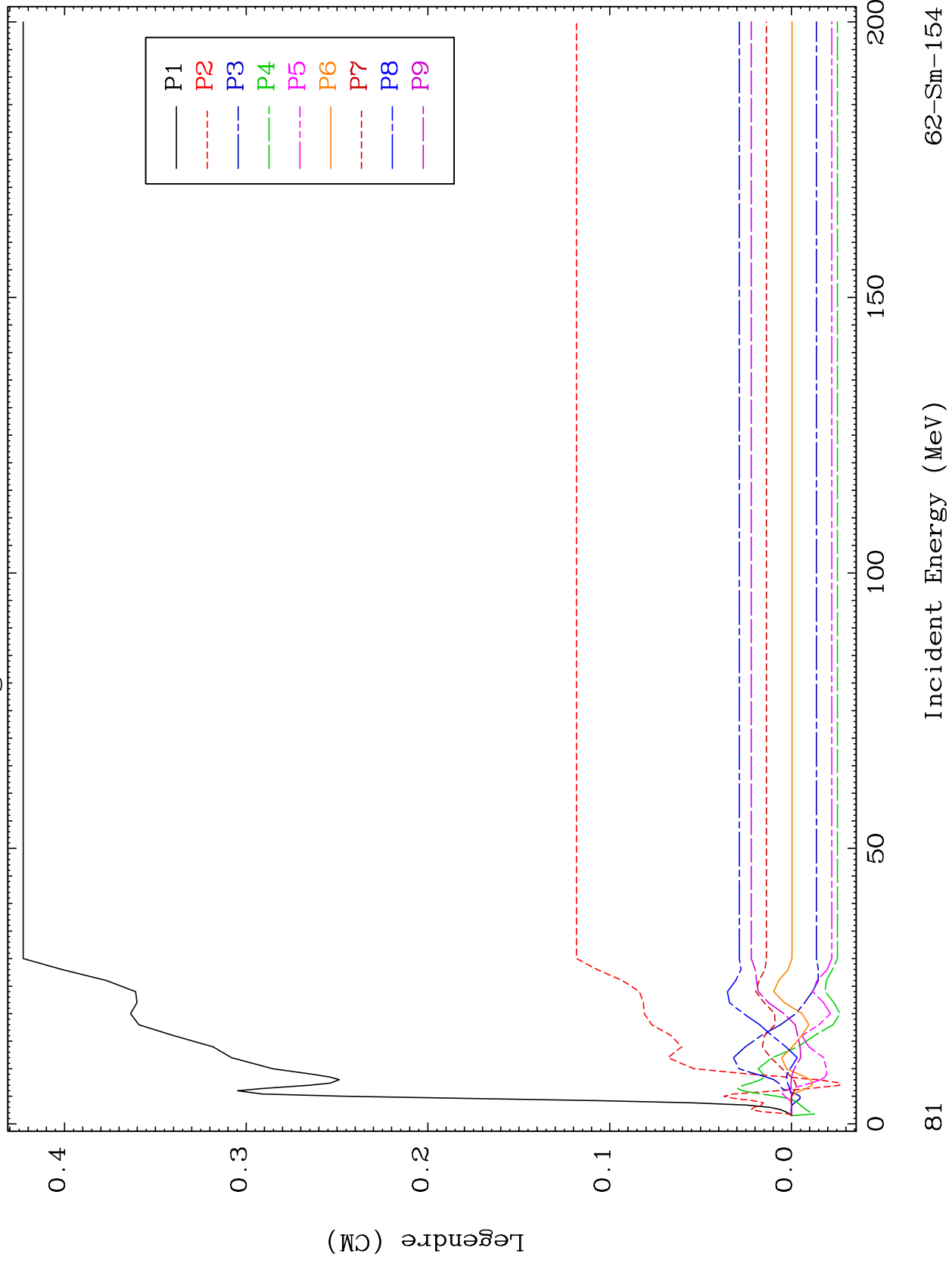
62-Sm-154



MAT 6255

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

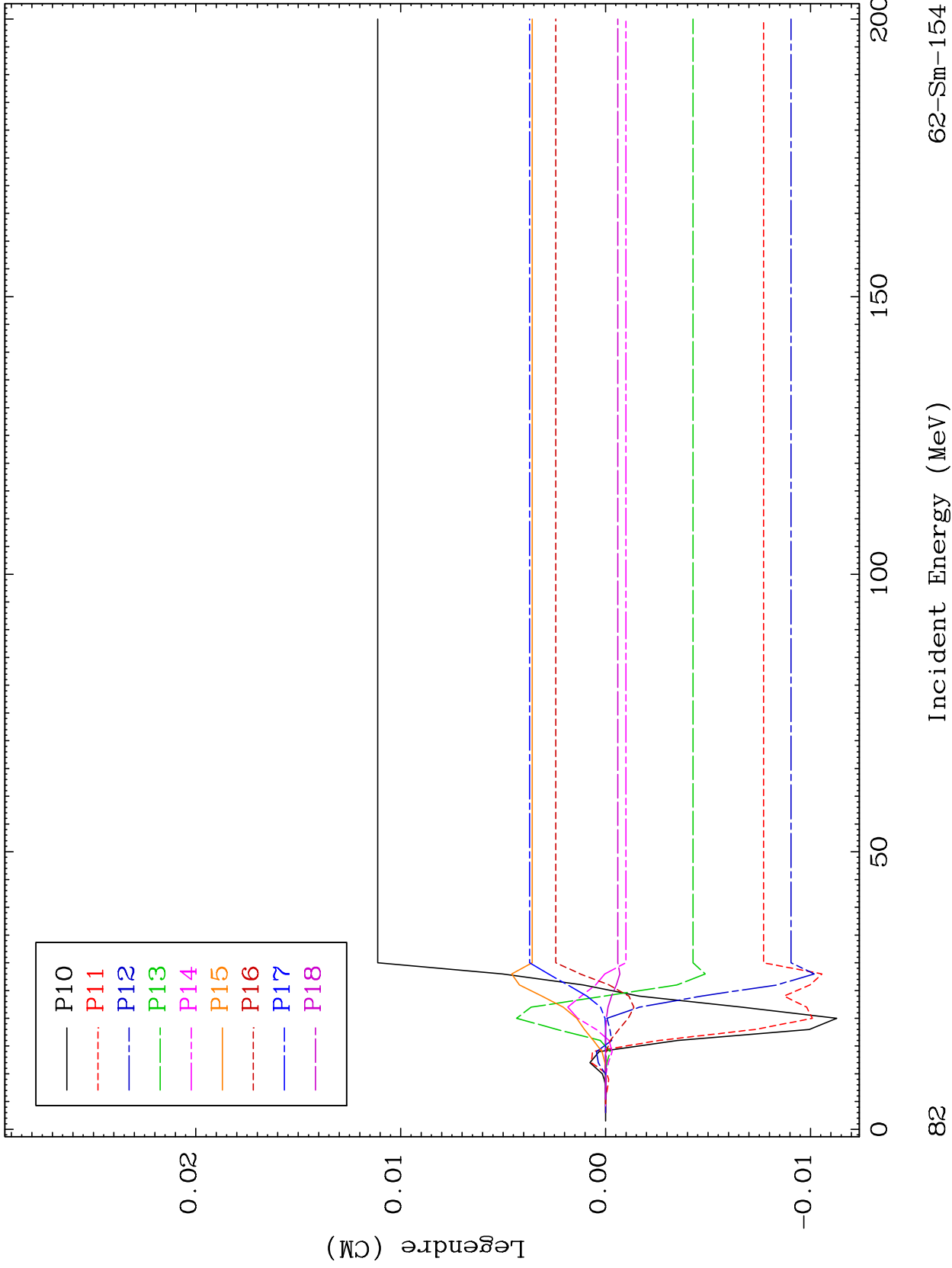
62-Sm-154



MAT 62555

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

62-Sm-154



82

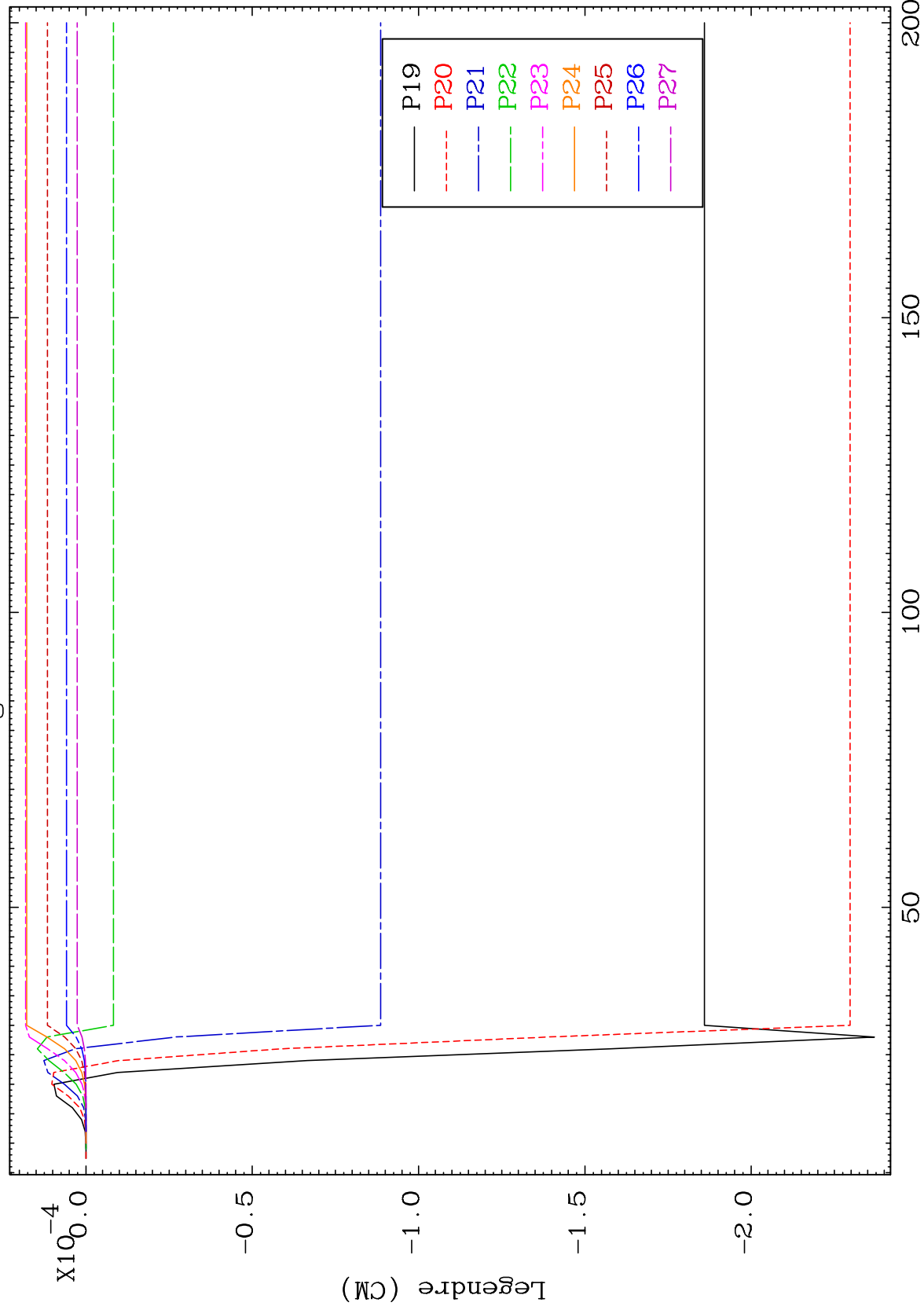
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

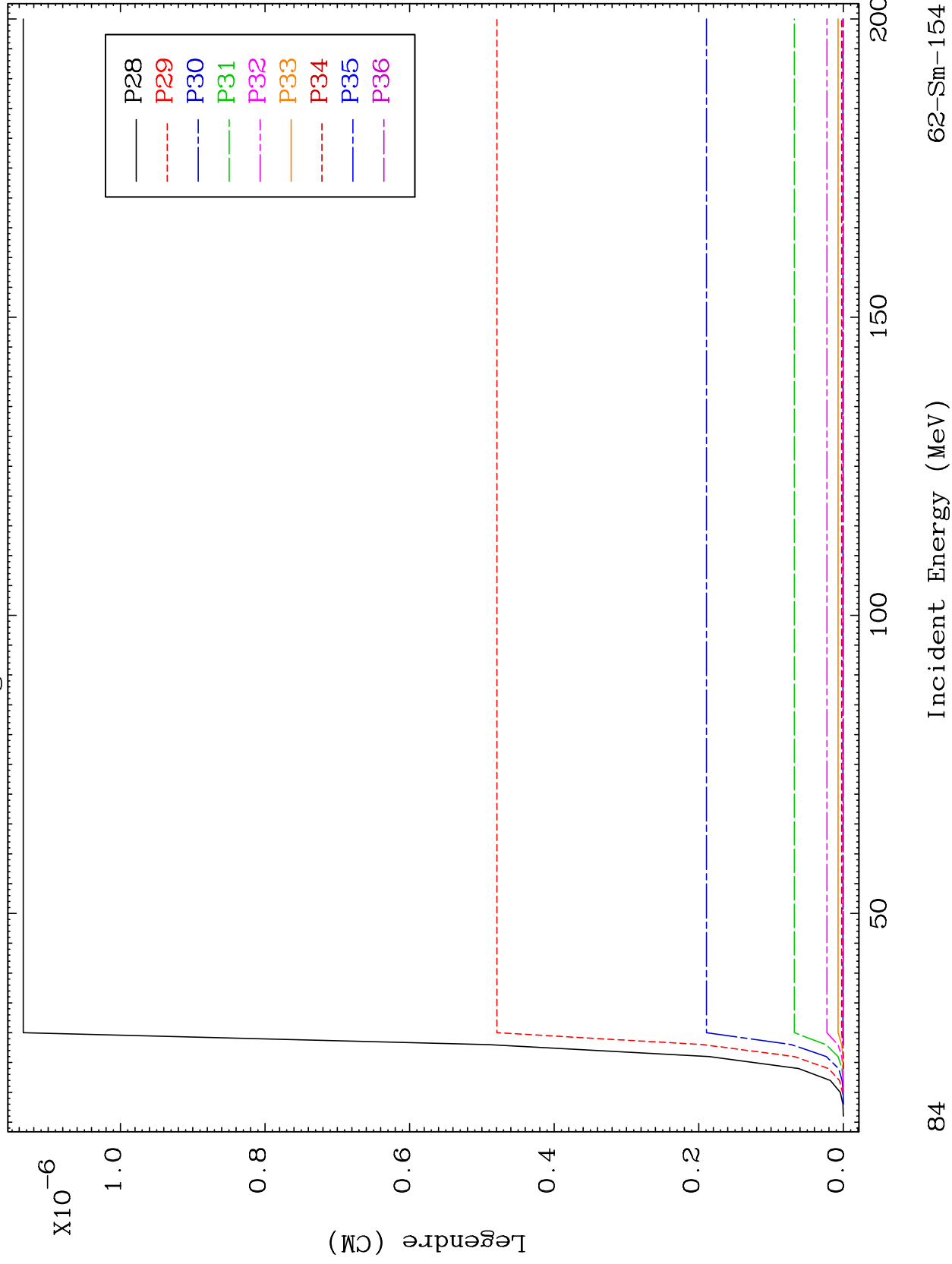
62-Sm-154



MAT 6255

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

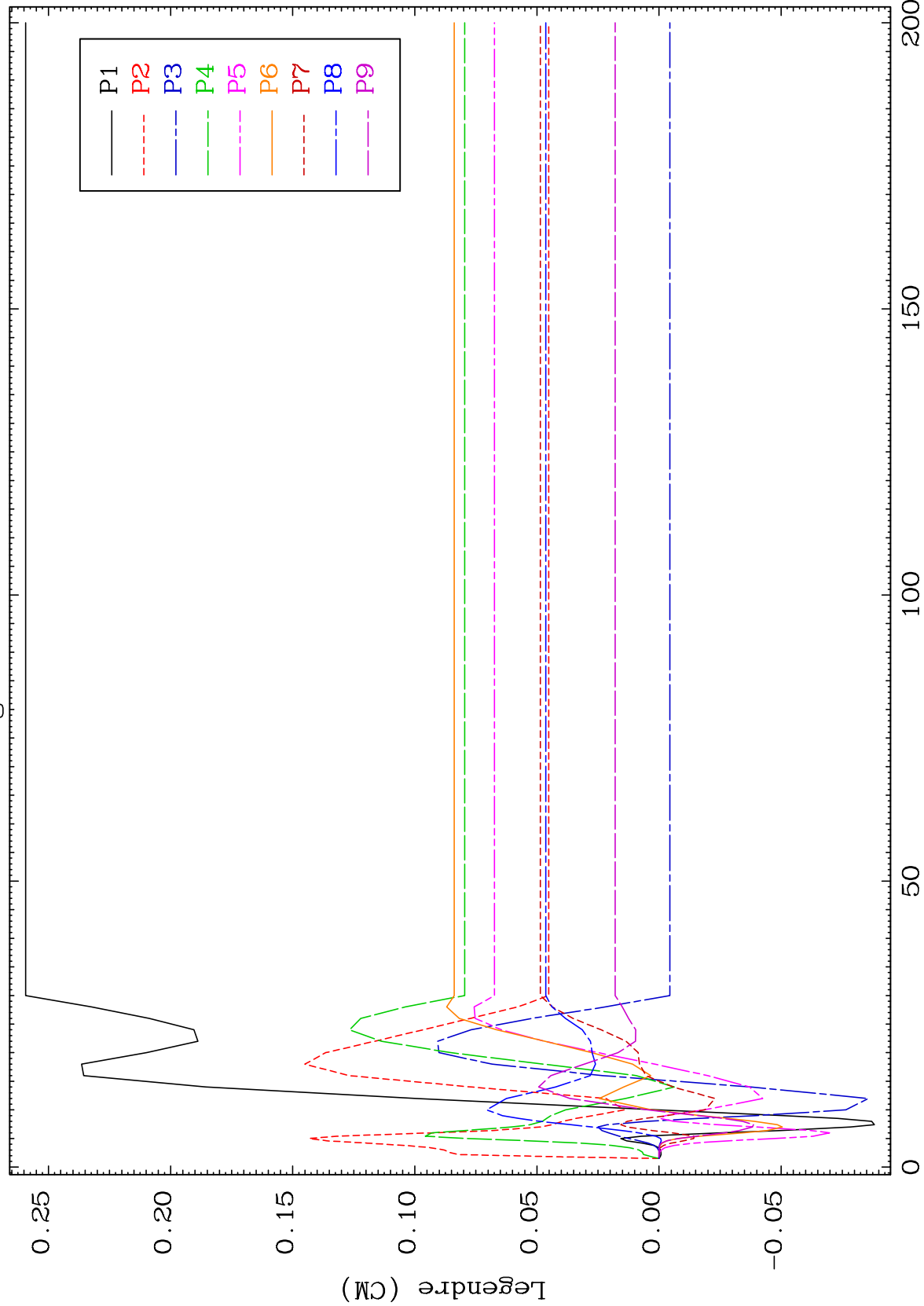
62-Sm-154



MAT 6255

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

62-Sm-154



85

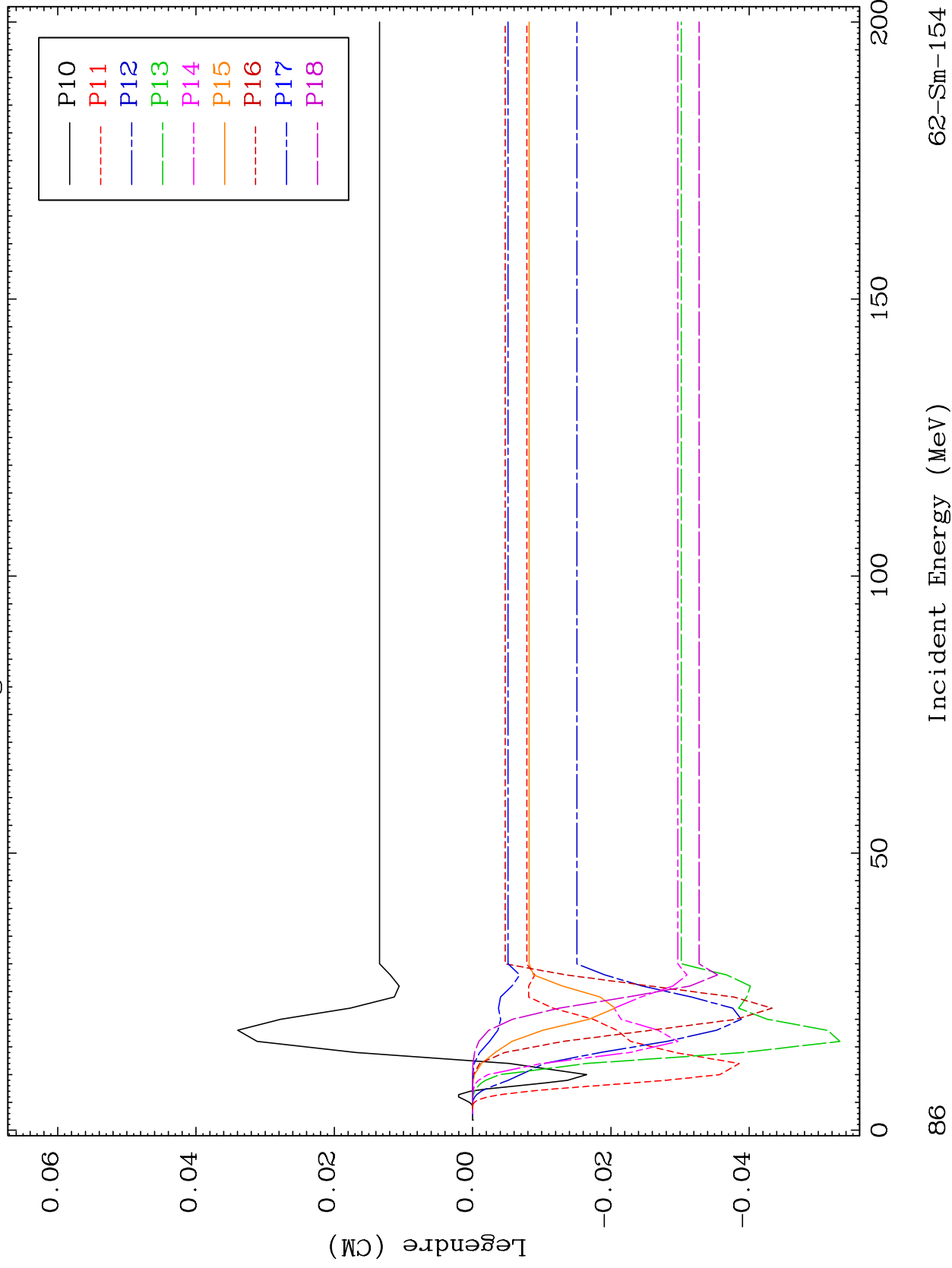
Incident Energy (MeV)

62-Sm-154

MAT 6255

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

62-Sm-154



62-Sm-154

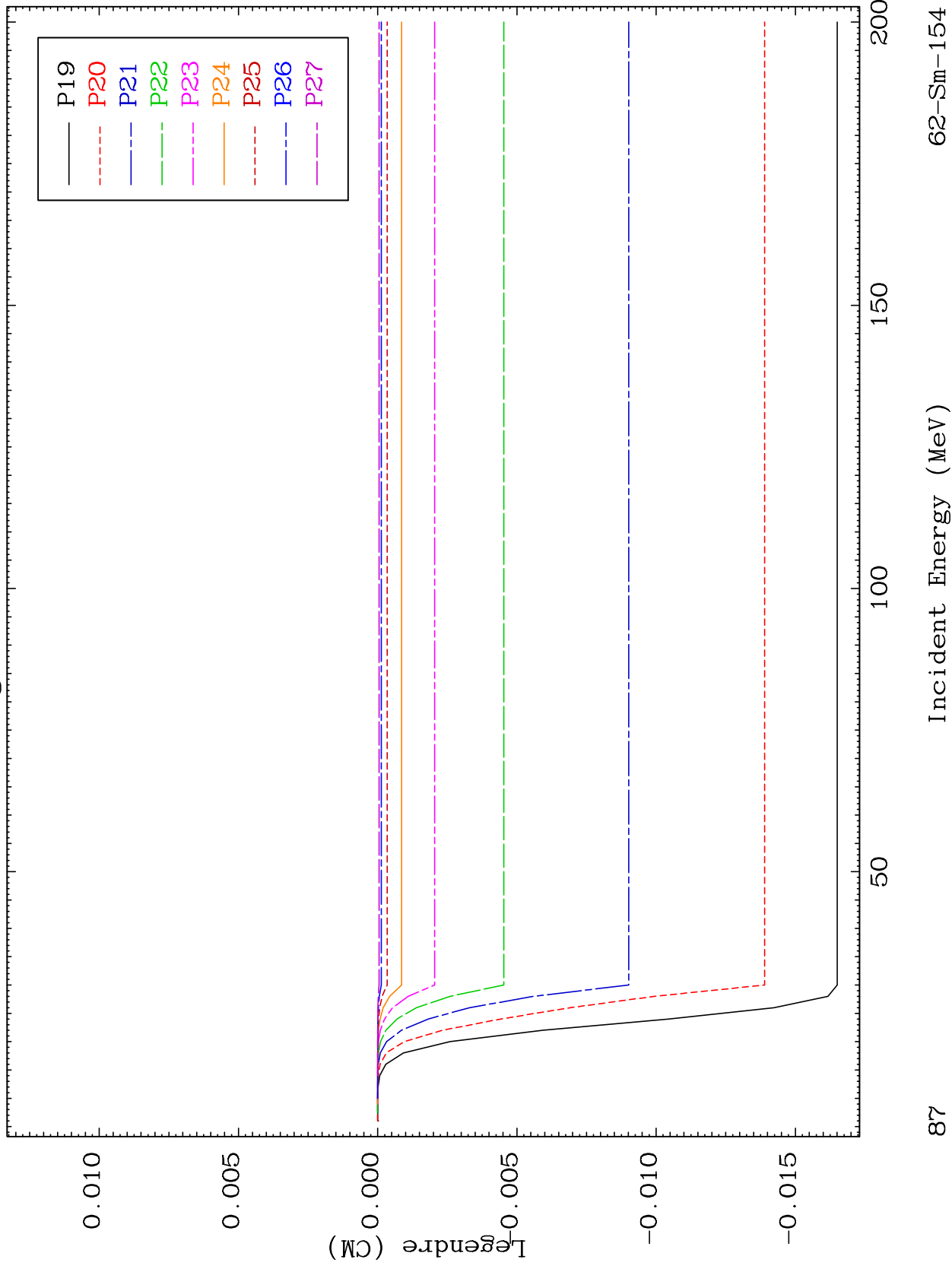
Incident Energy (MeV)

86

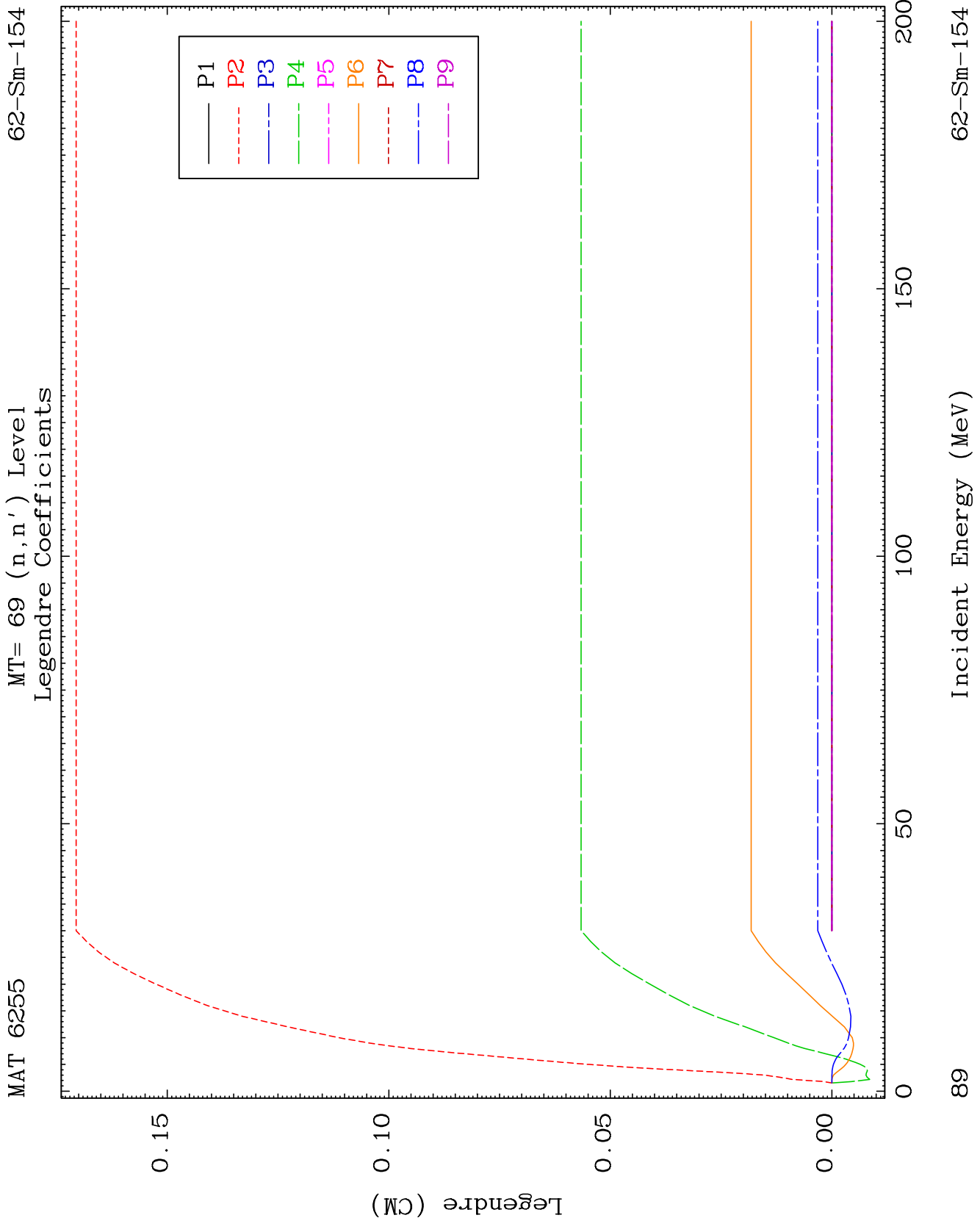
MAT 6255

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

62-Sm-154



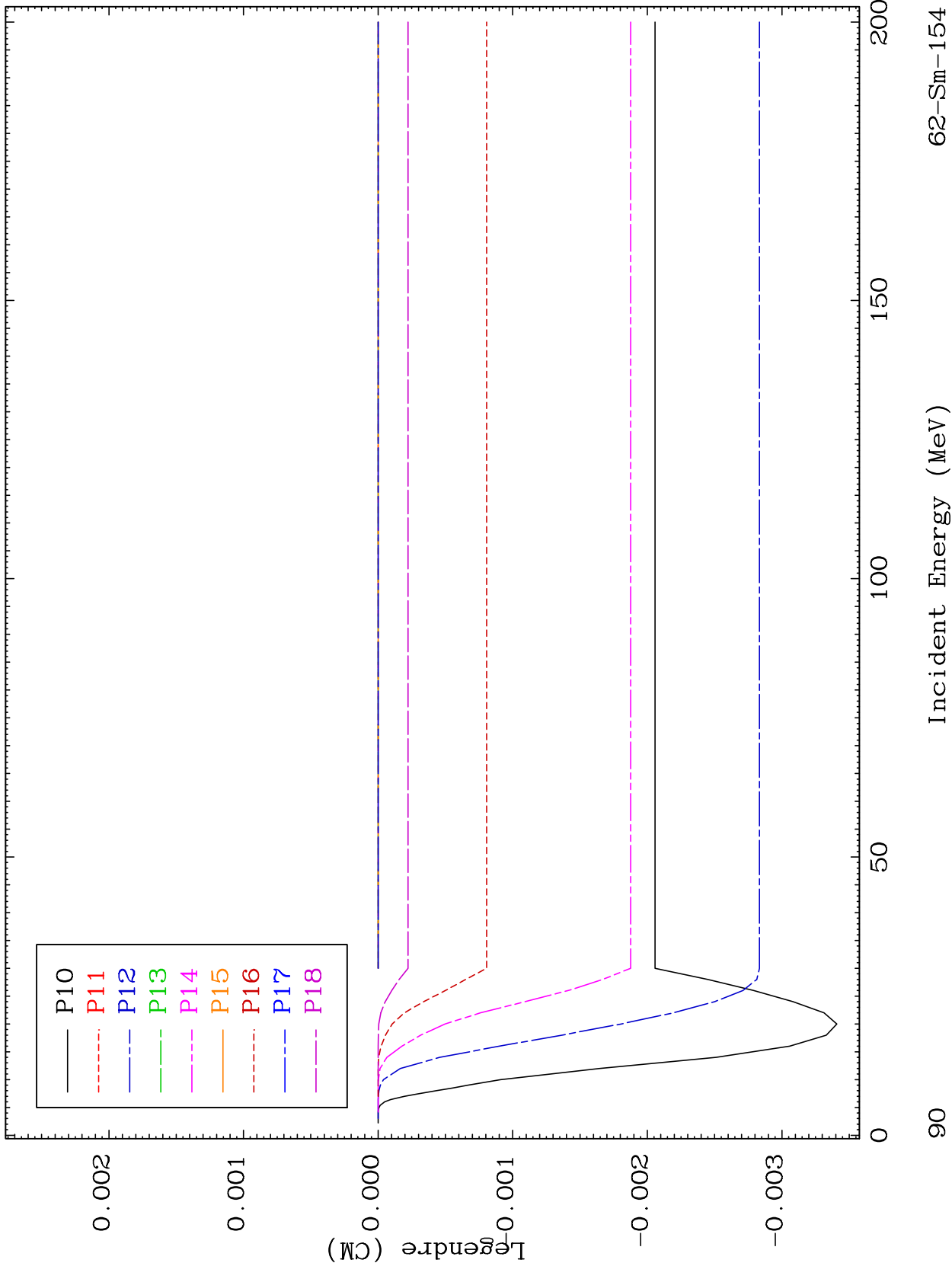
87



MAT 62555

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

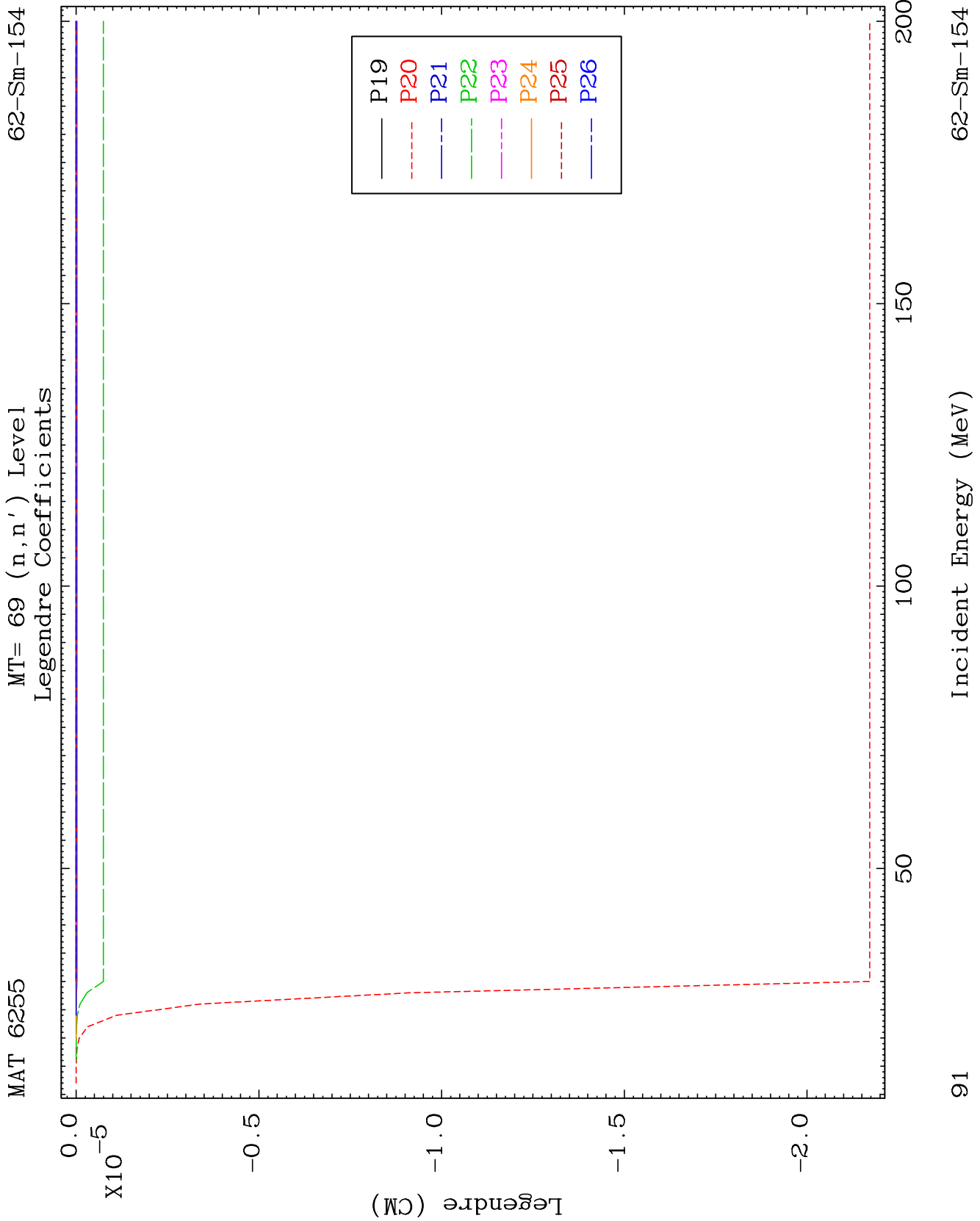
62-Sm-154

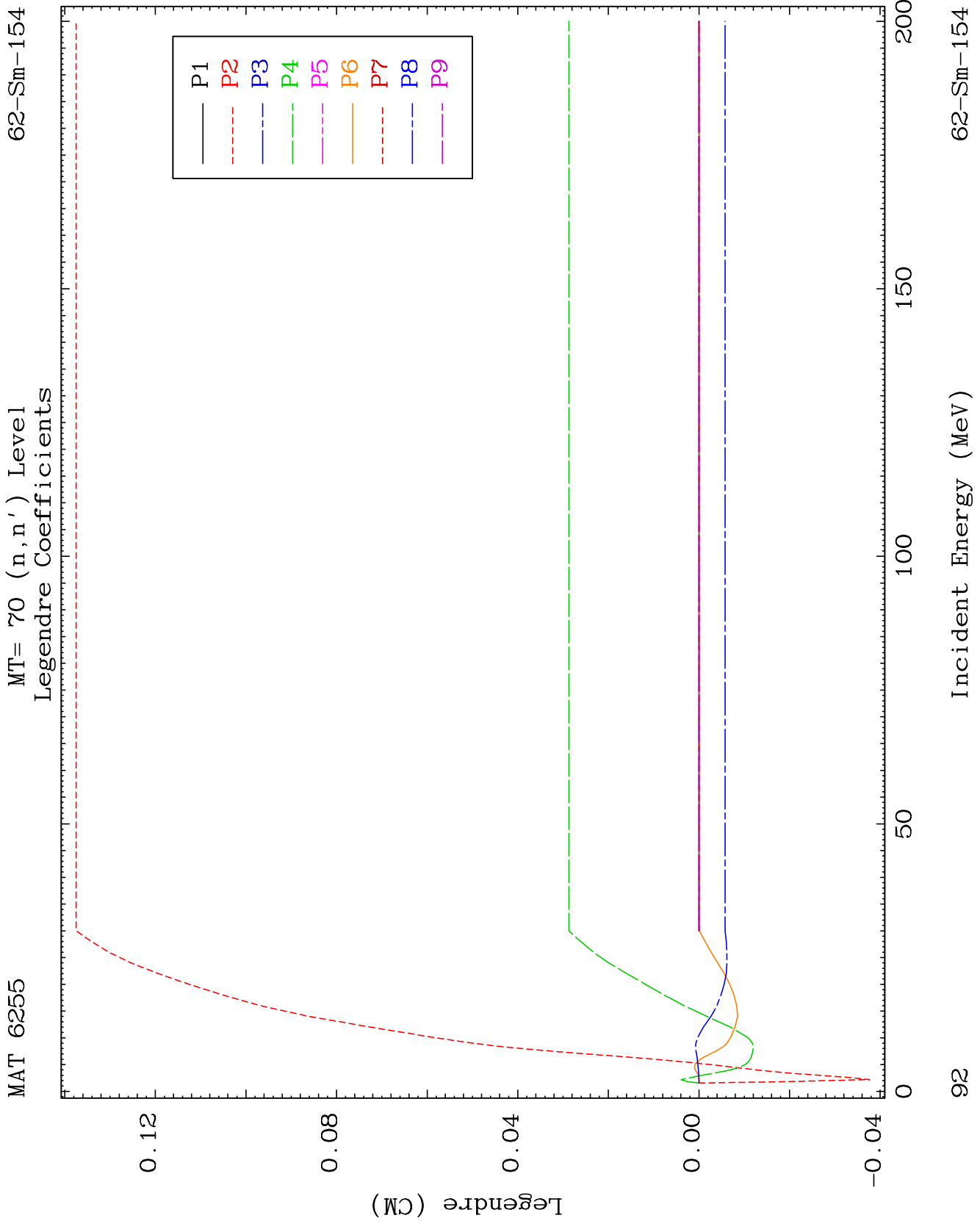


62-Sm-154

Incident Energy (MeV)

90

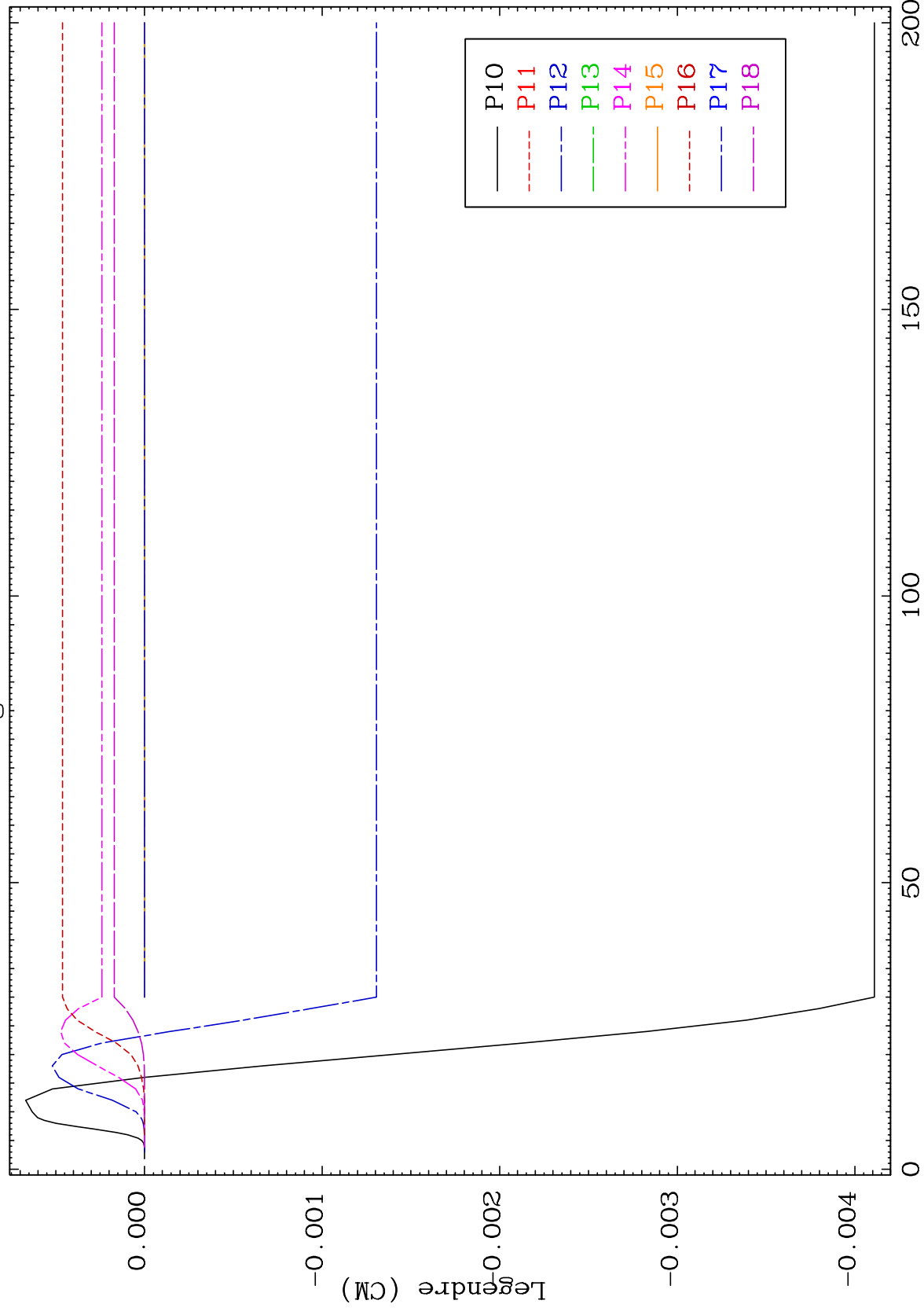




MAT 6255

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

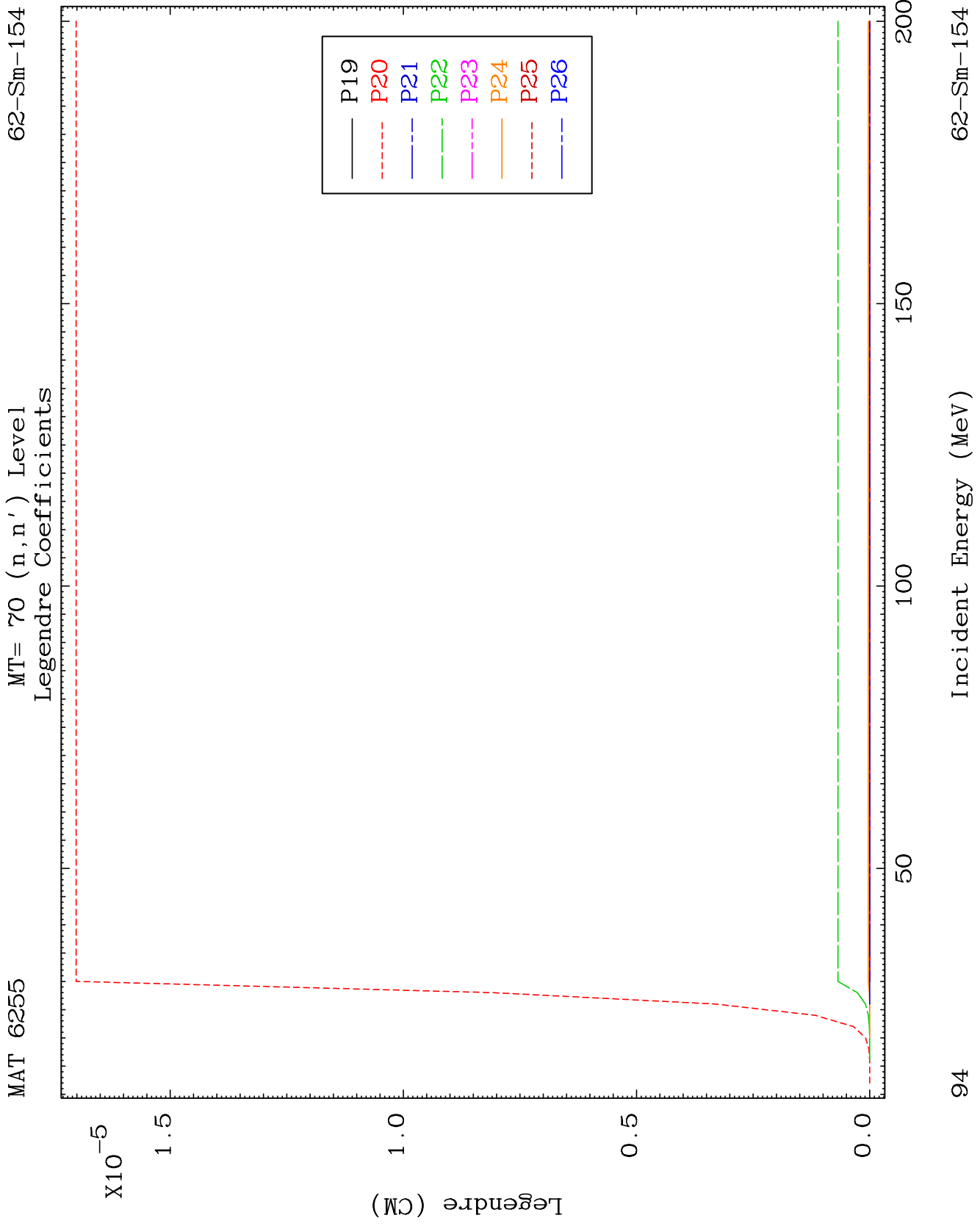
62-Sm-154

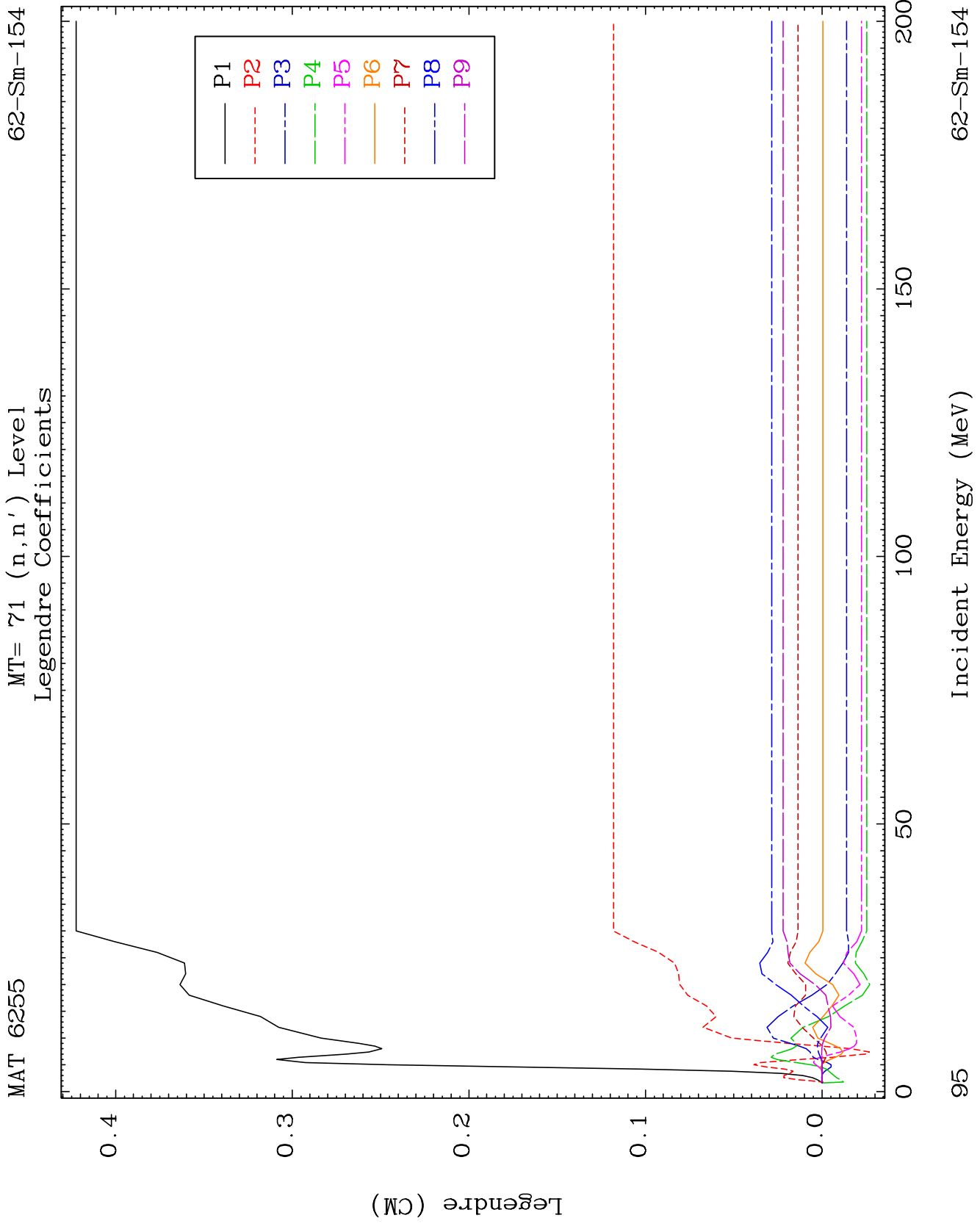


93

Incident Energy (MeV)

62-Sm-154

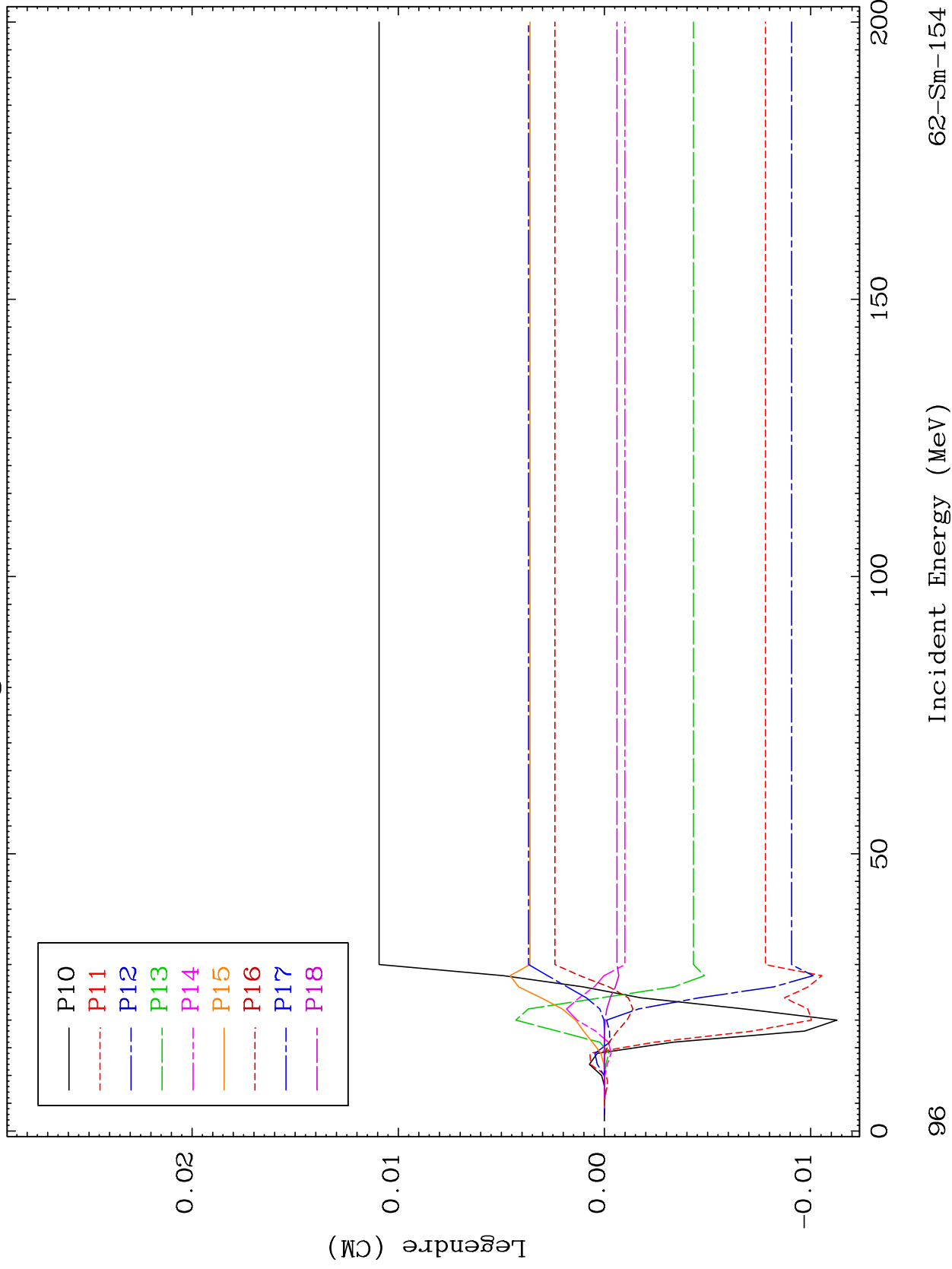


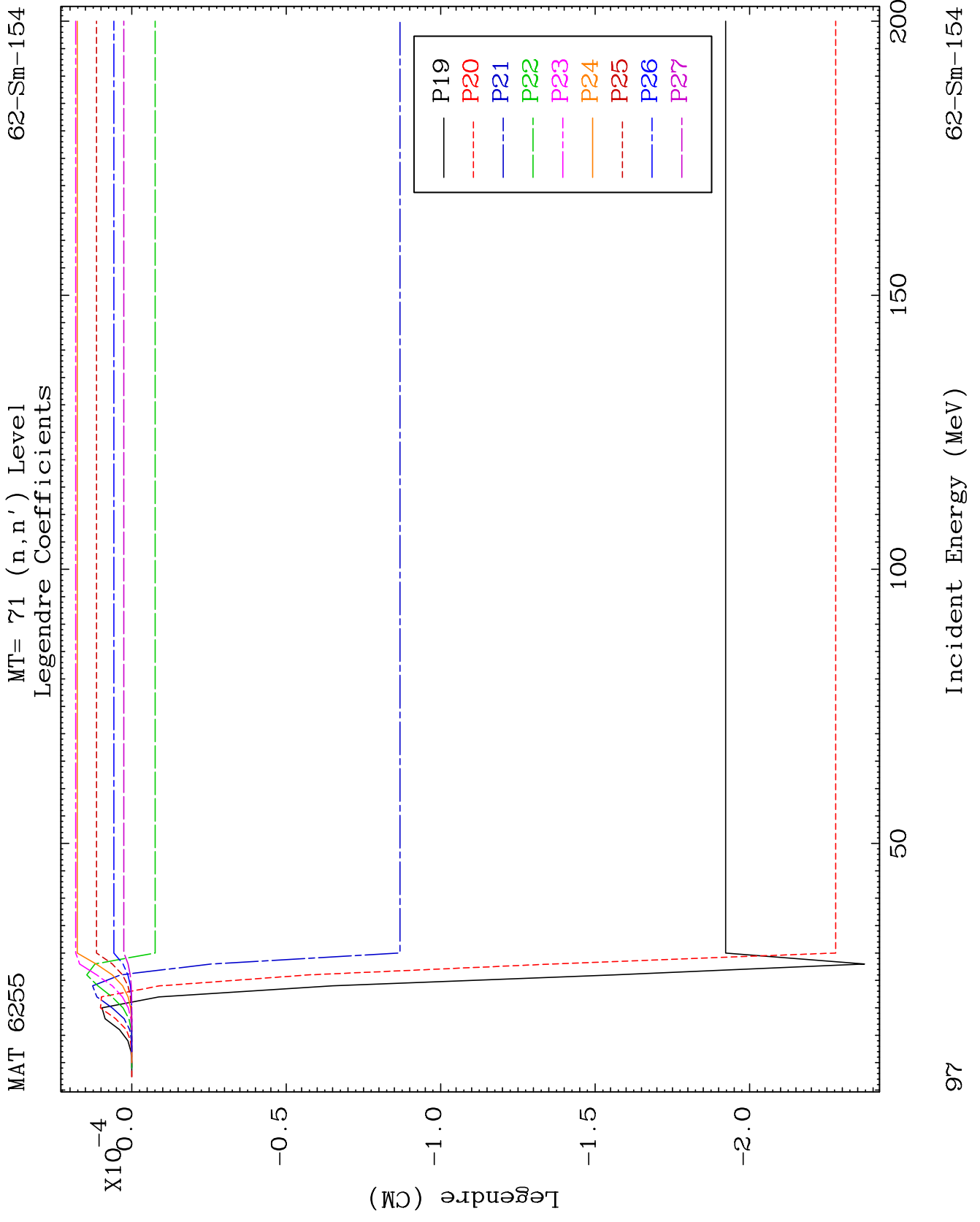


MAT 6255

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

62-Sm-154

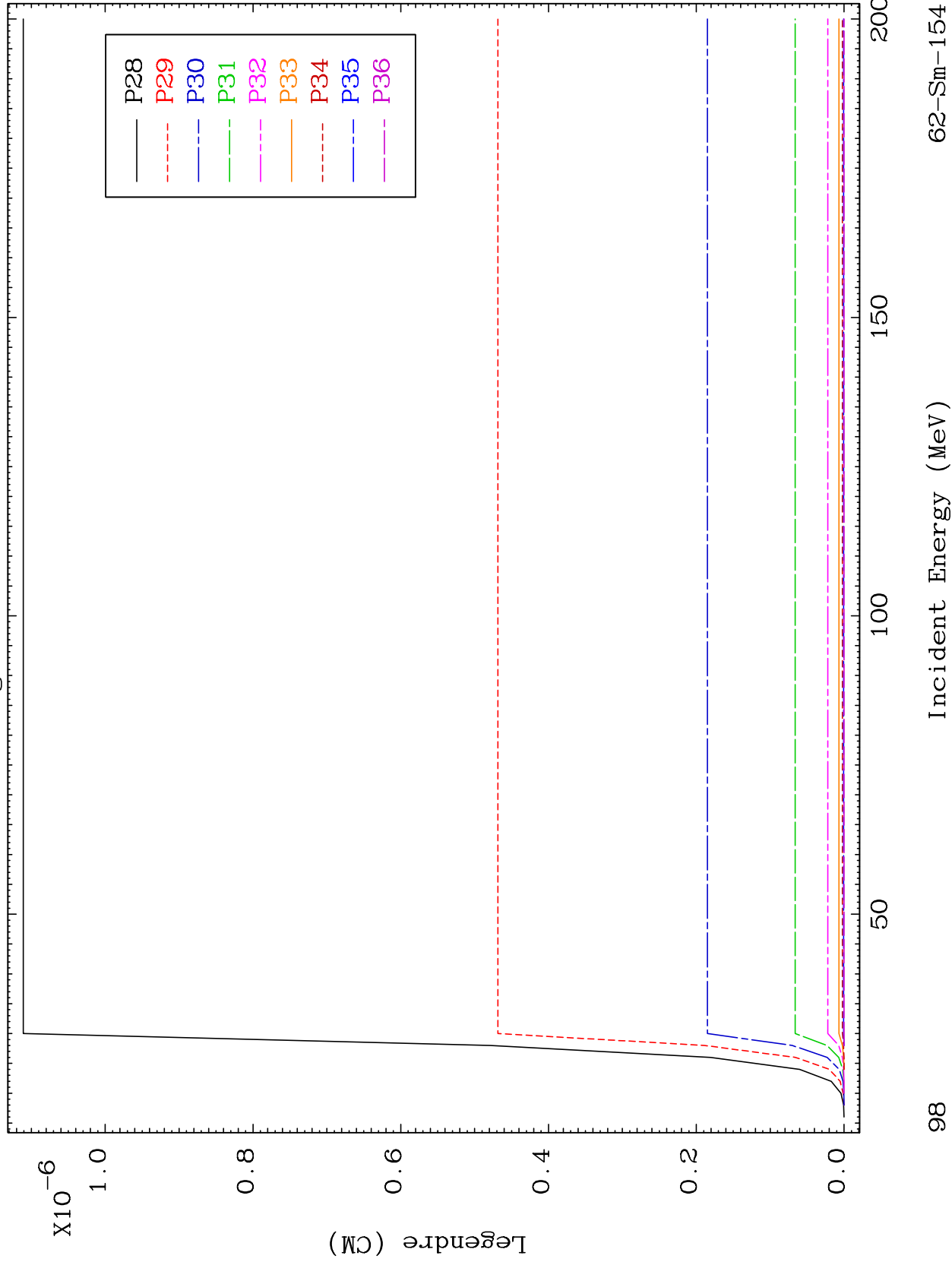




MAT 6255

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

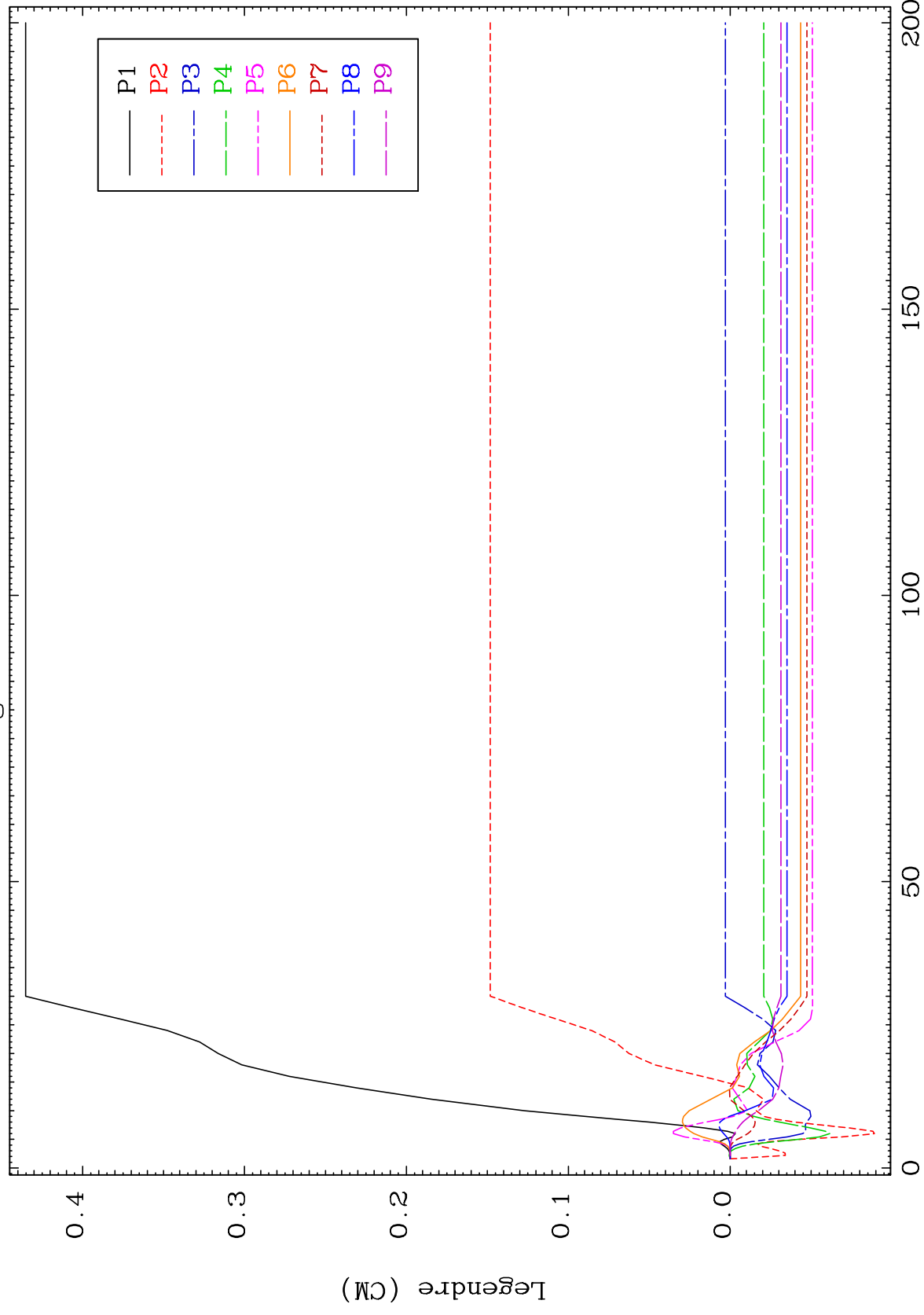
62-Sm-154



MAT 6255

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

62-Sm-154



62-Sm-154

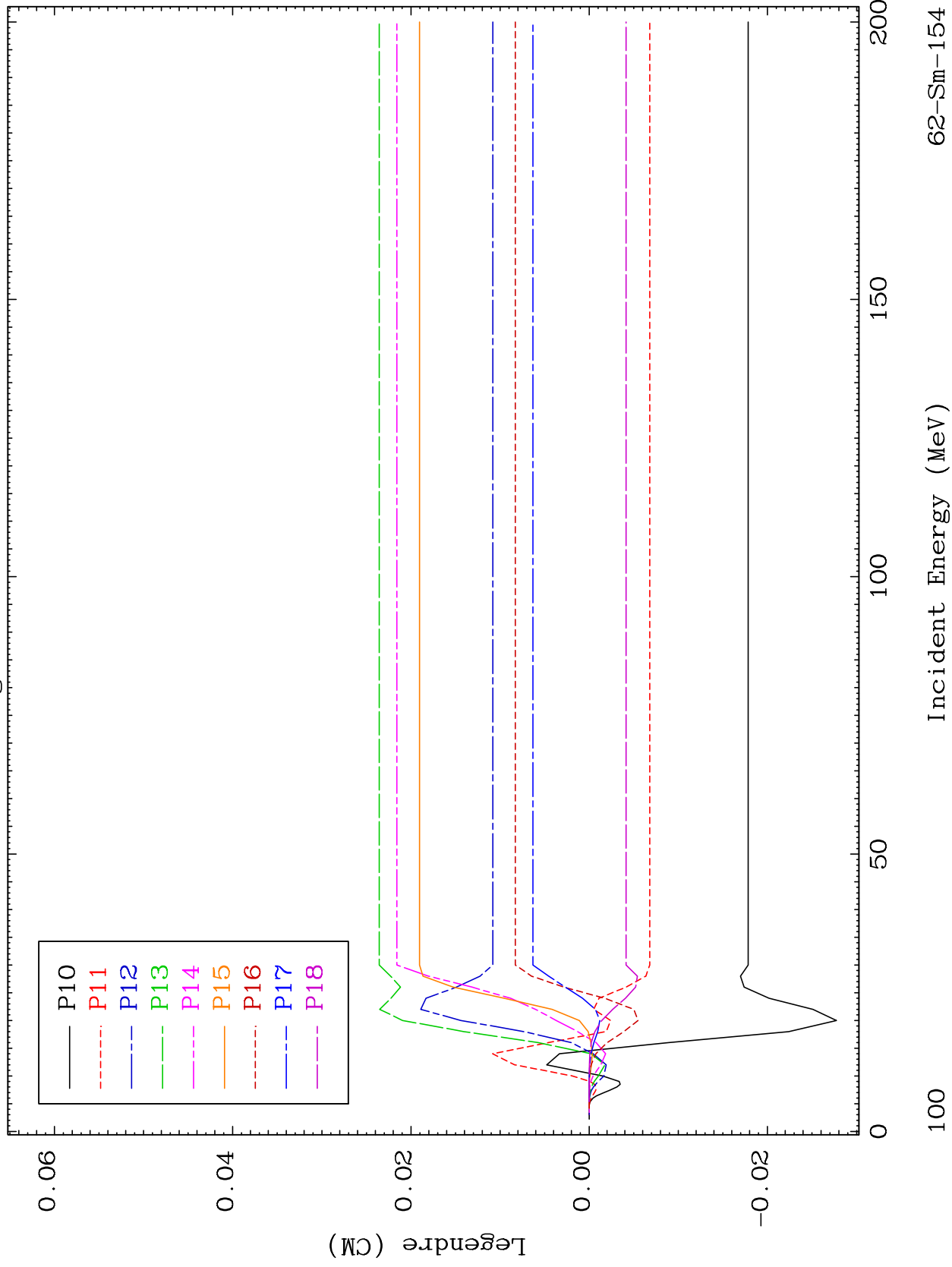
Incident Energy (MeV)

99

MAT 62555

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

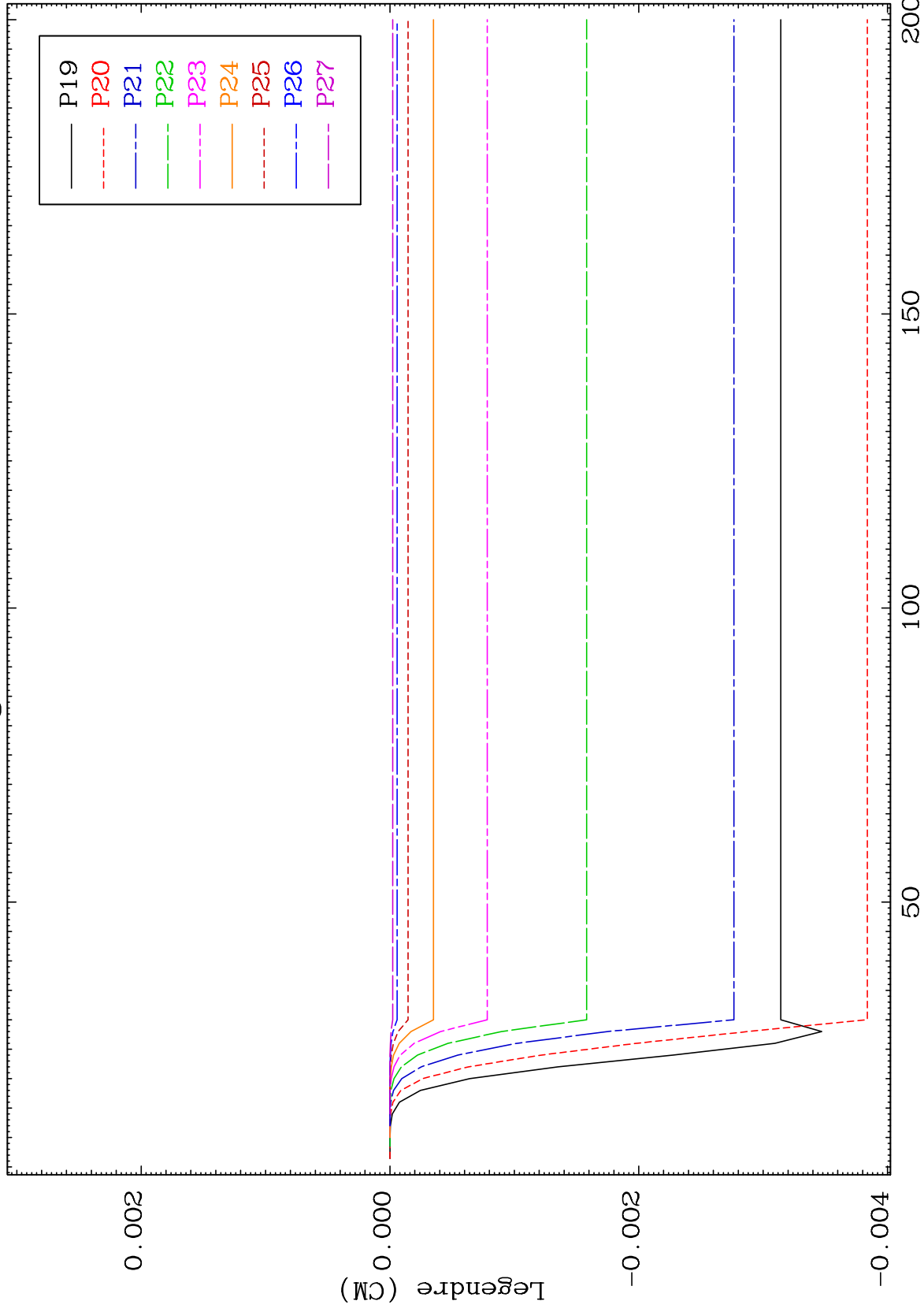
62-Sm-154



MAT 6255

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

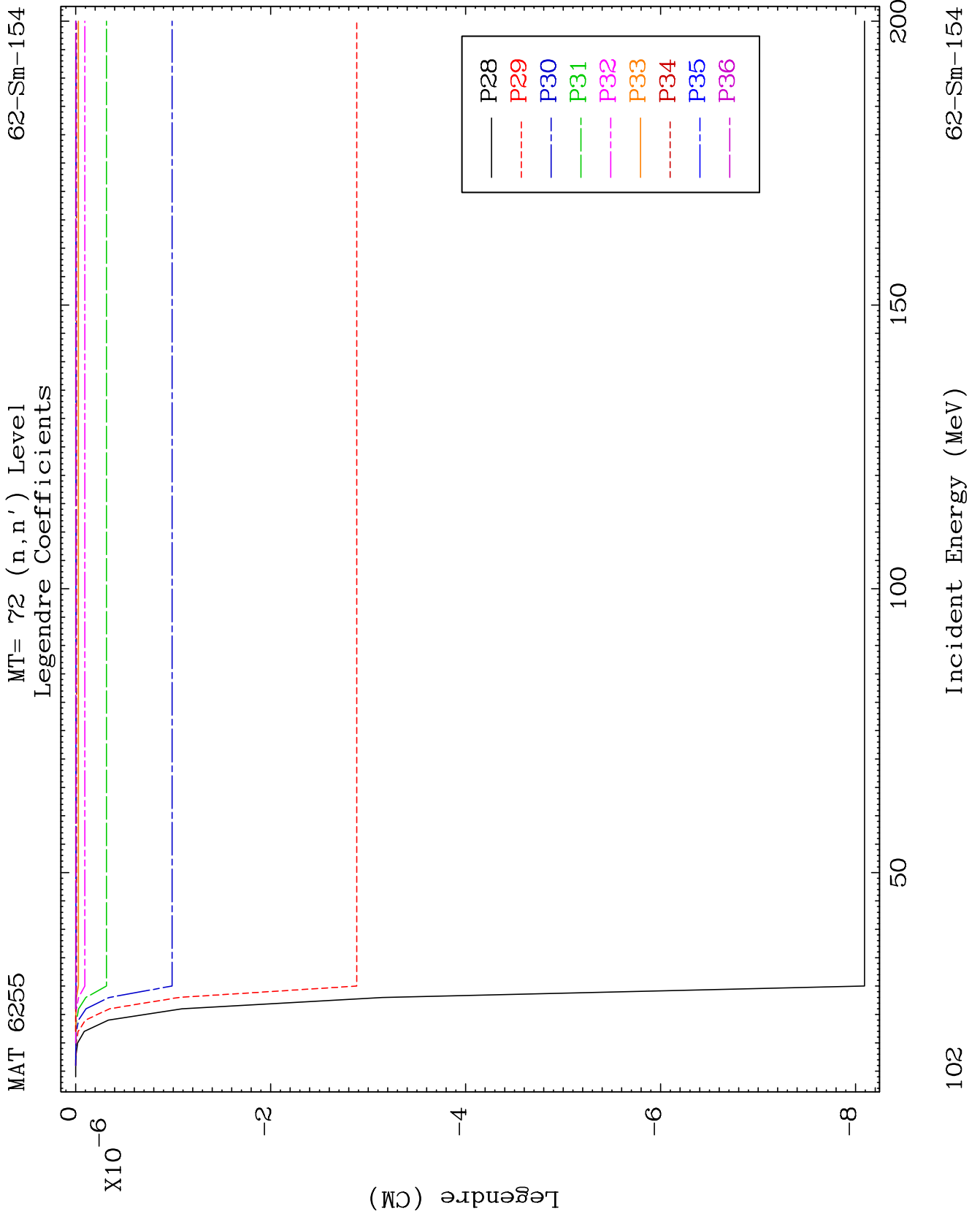
62-Sm-154



101

Incident Energy (MeV)

62-Sm-154

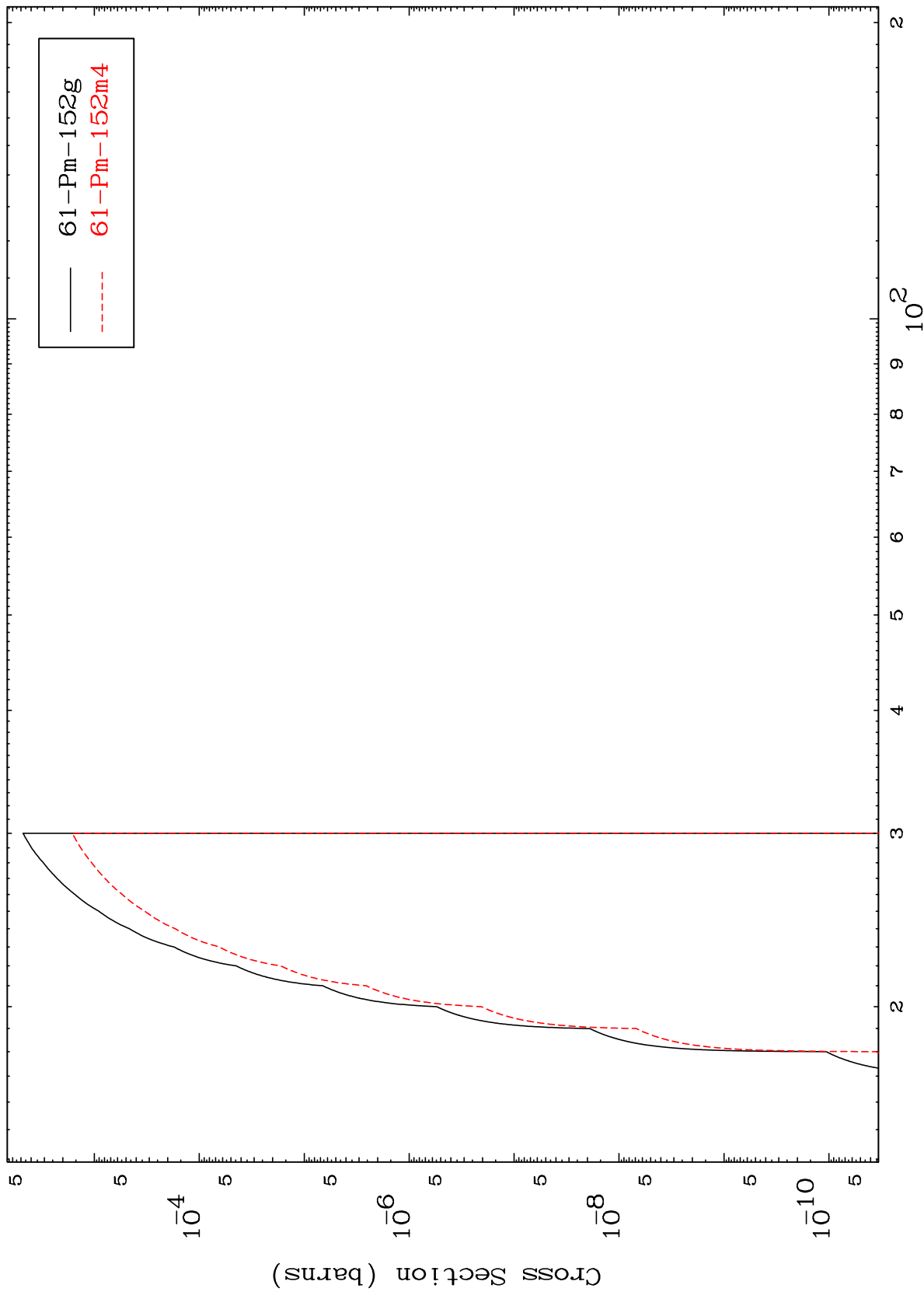


MAT 6255

(n,n') d

62-Sm-154

Radionuclide Production Cross Section



103

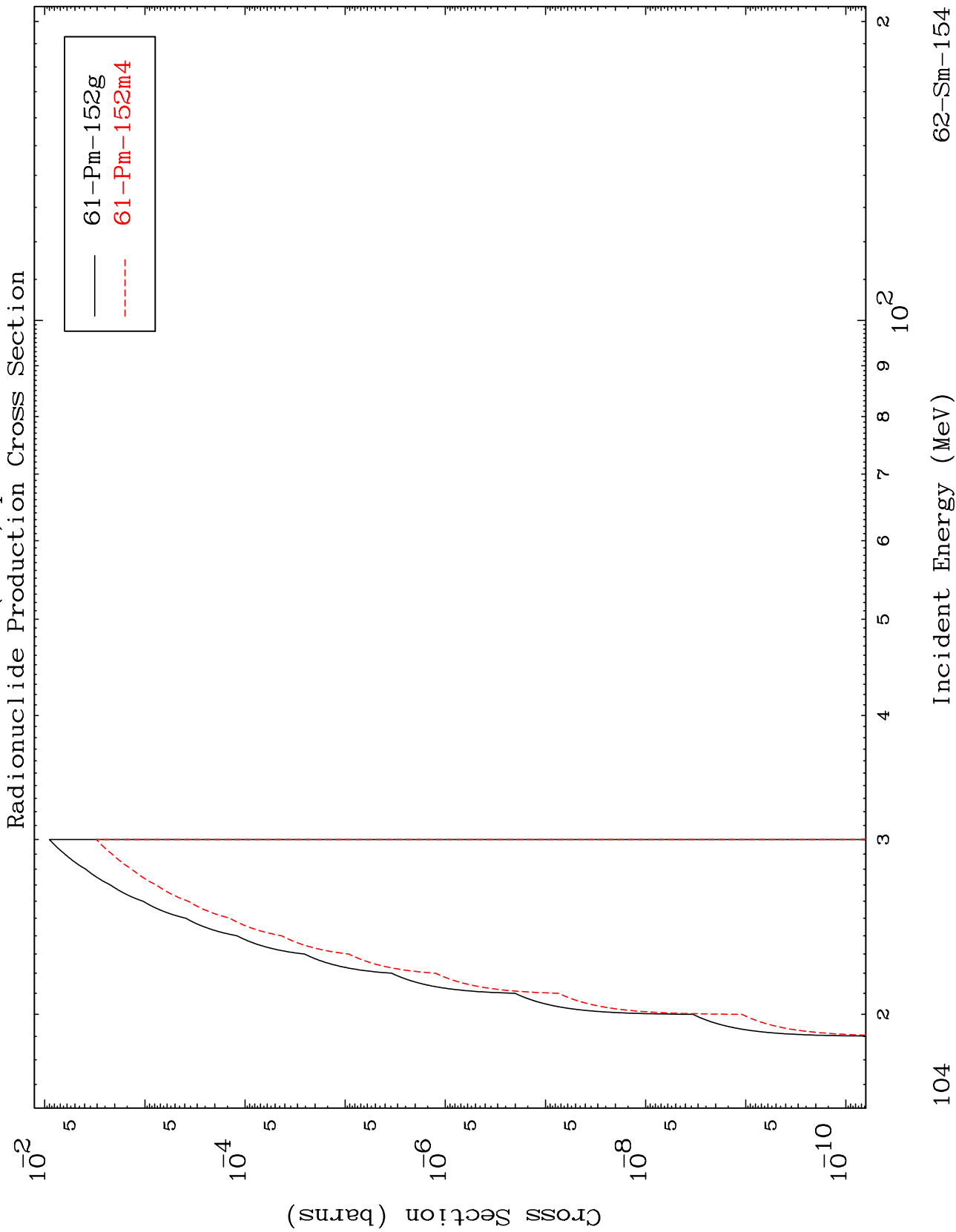
Incident Energy (MeV)

62-Sm-154

MAT 6255

(n,2n) p

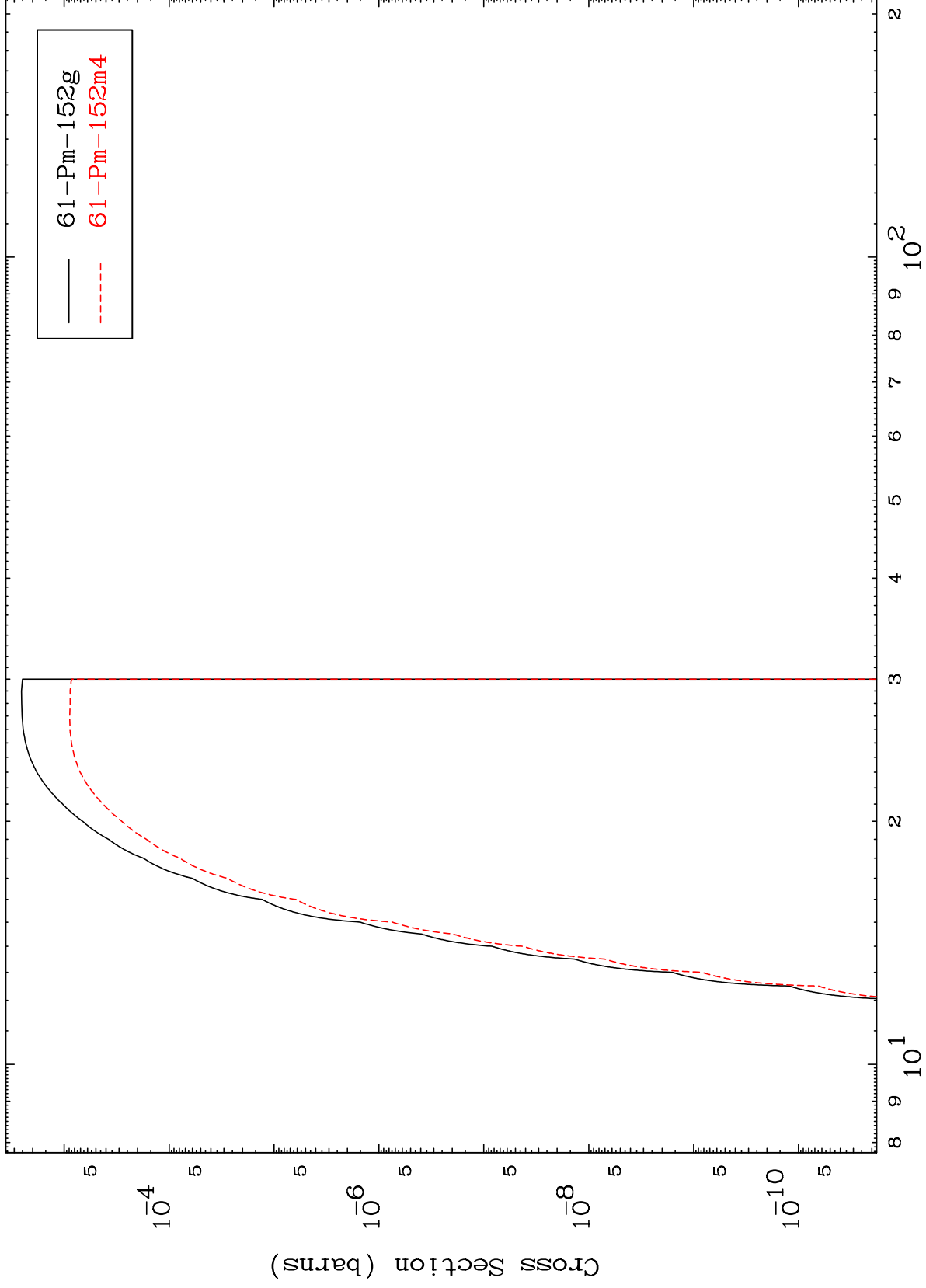
62-Sm-154



MAT 6255

62-Sm-154

(n, t)
Radionuclide Production Cross Section



62-Sm-154

Incident Energy (MeV)

105