

Program EVALPLOT
(Version 2021-1)

by

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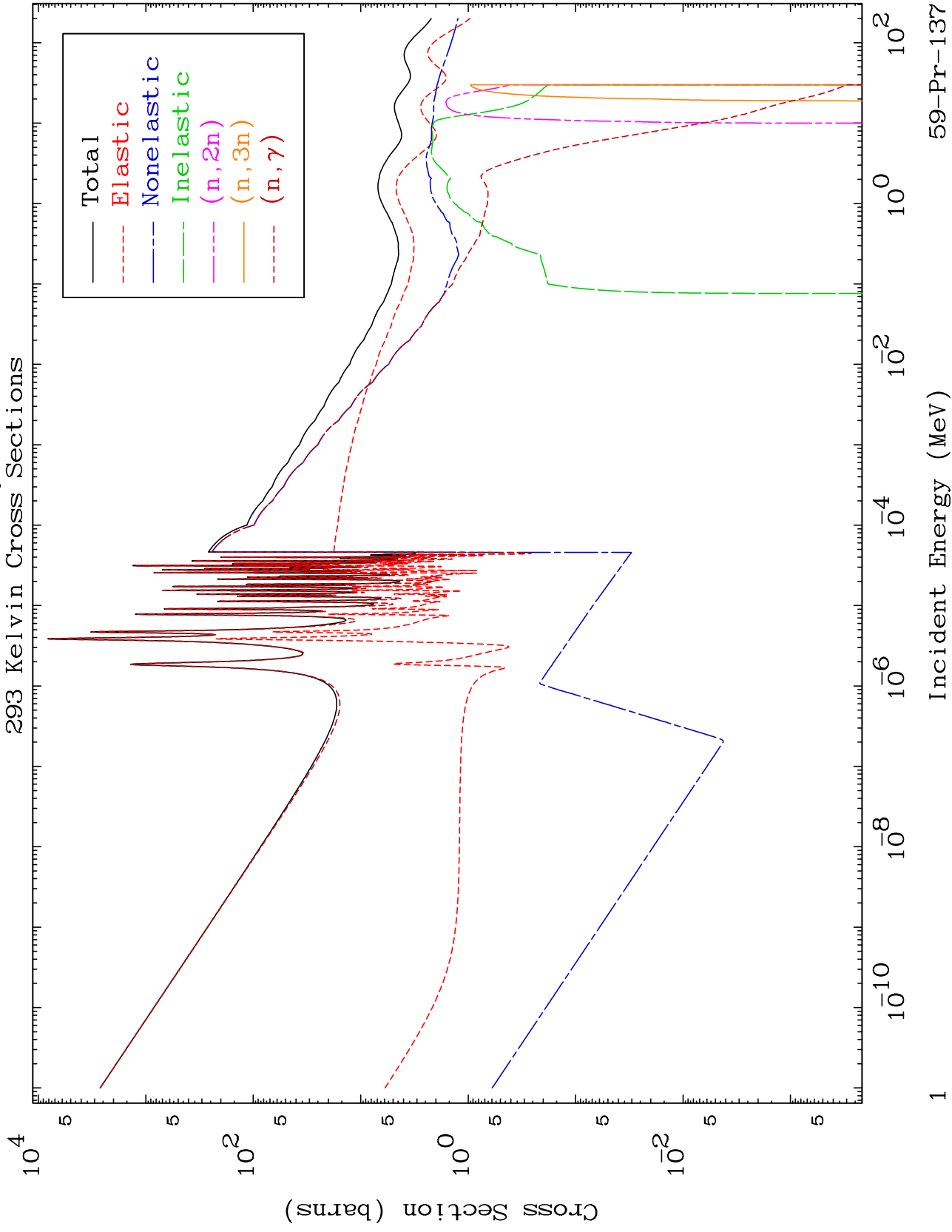
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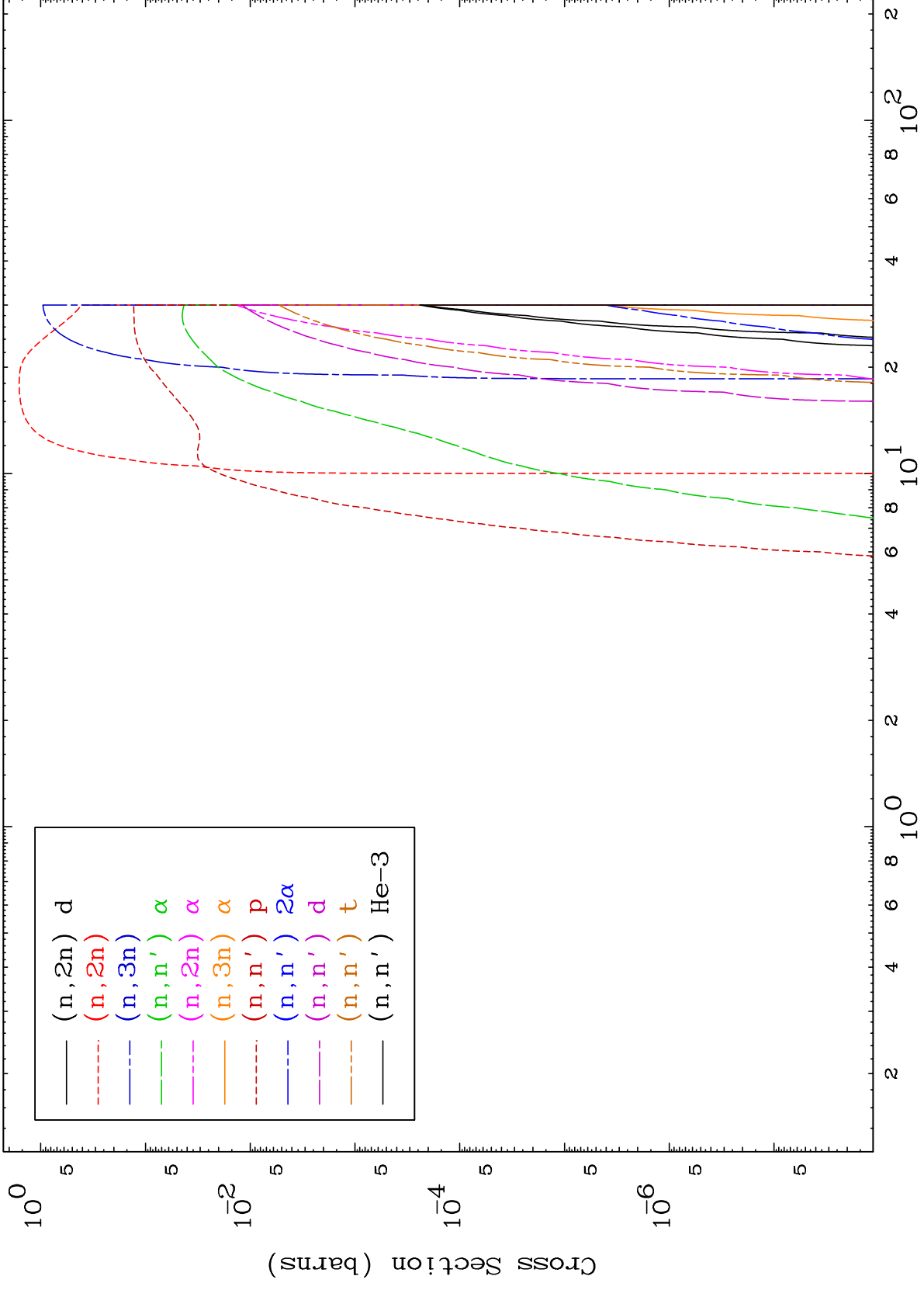
Press Mouse Button to Start

MAT 5913

Neutron Major
293 Kelvin Cross Sections

59-Pr-137

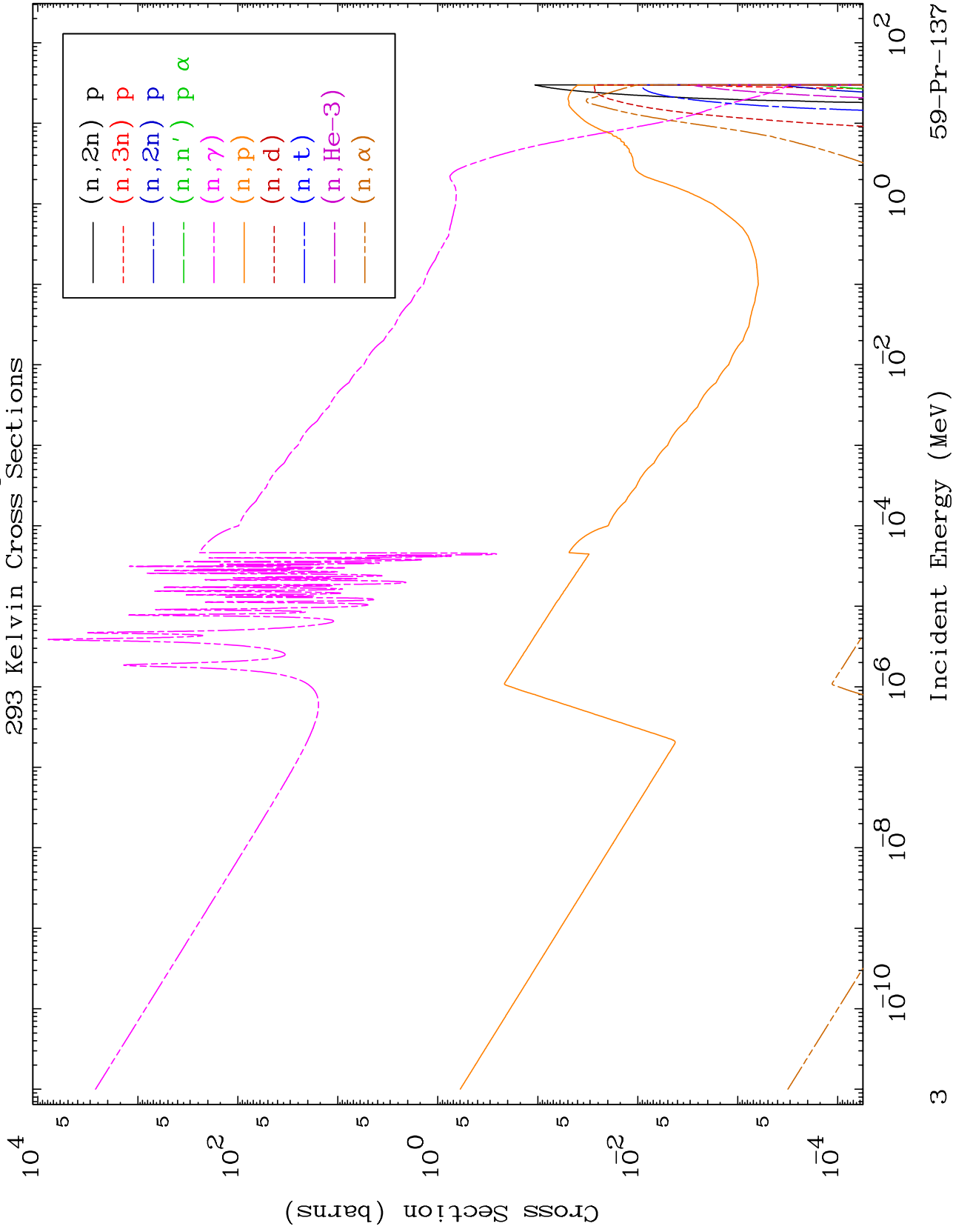




MAT 5913

Neutron Absorption
293 Kelvin Cross Sections

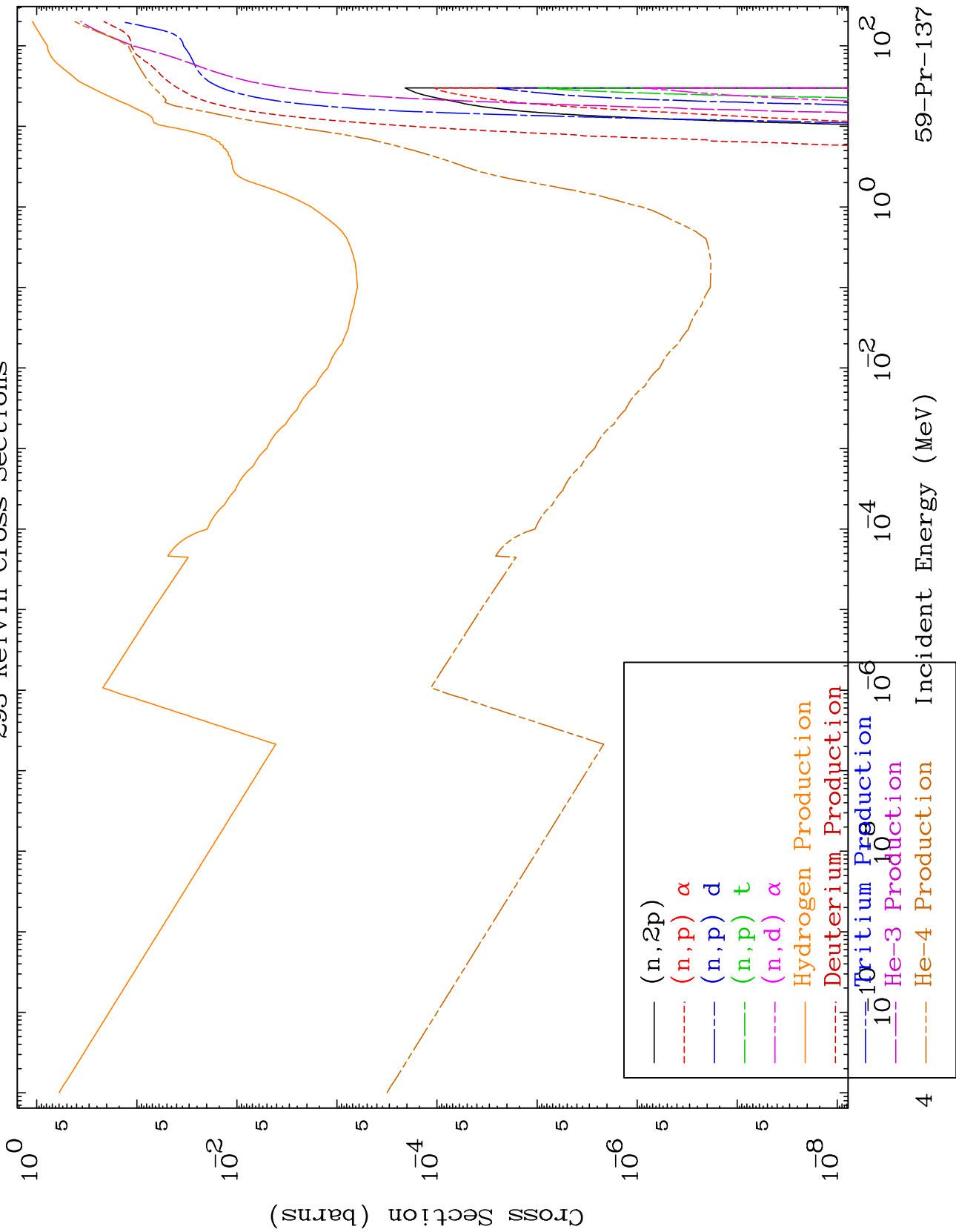
59-Pr-137



MAT 5913

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-137

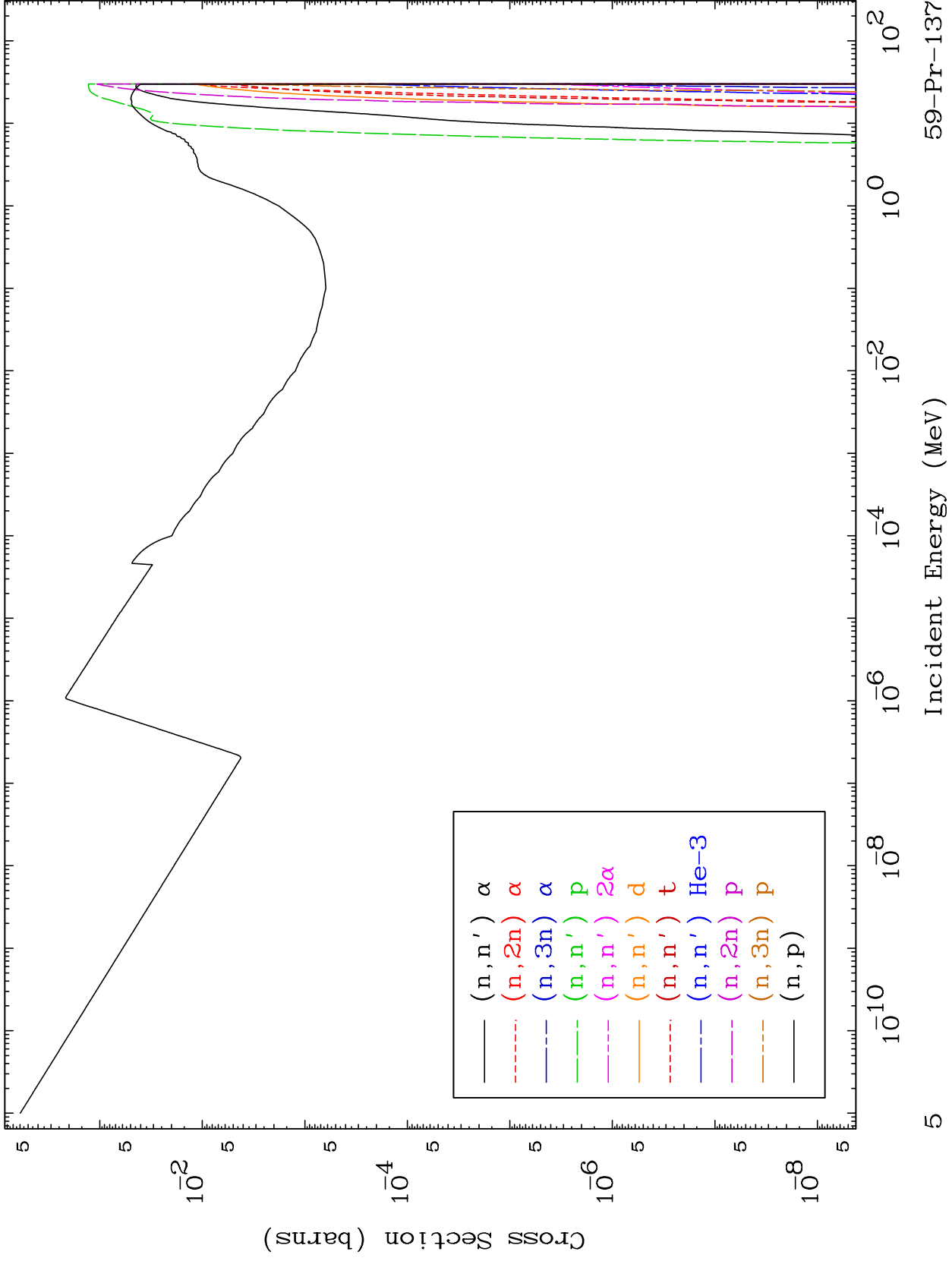


4

MAT 5913

Charged Particle
293 Kelvin Cross Sections

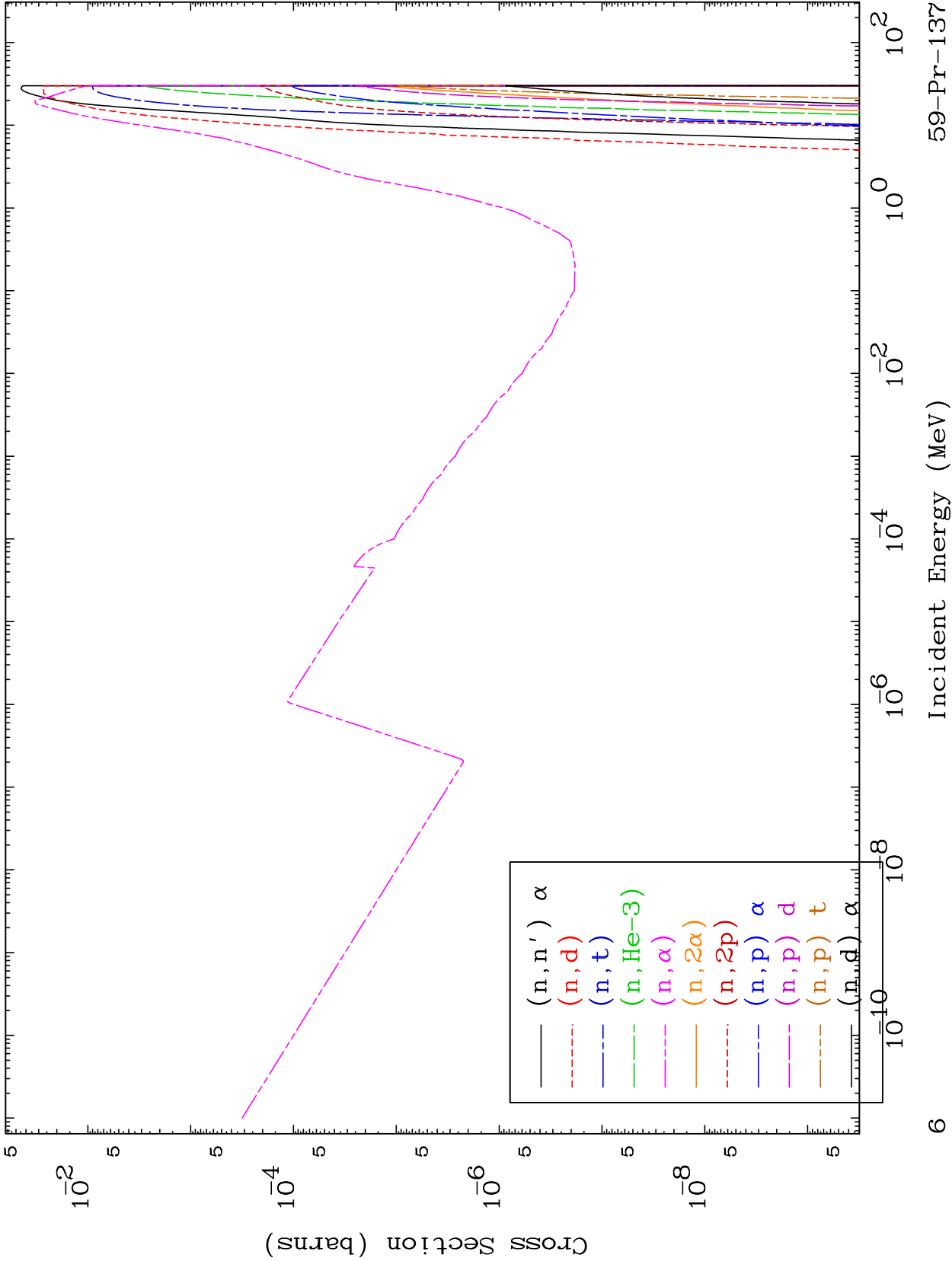
59-Pr-137



MAT 5913

Charged Particle
293 Kelvin Cross Sections

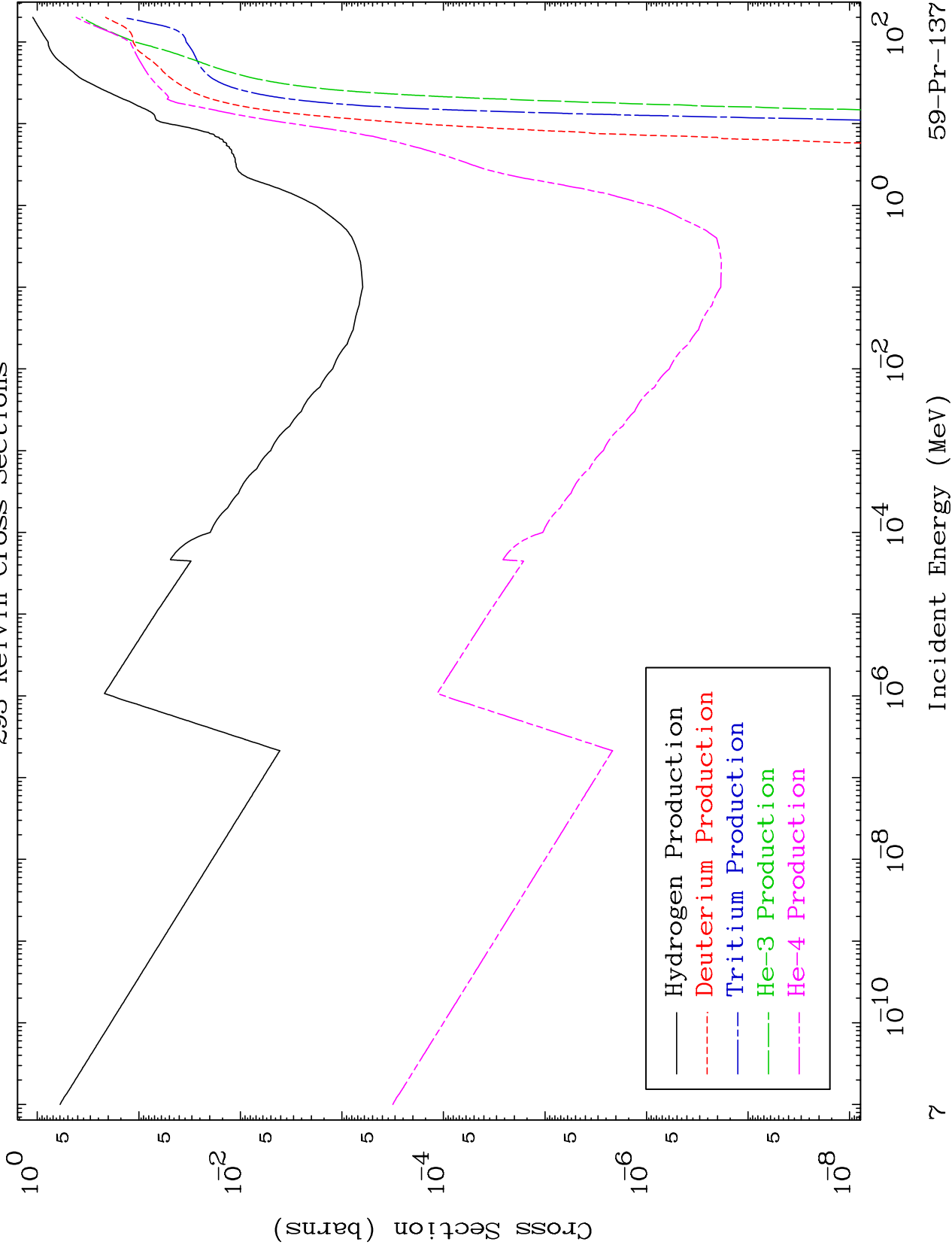
59-Pr-137

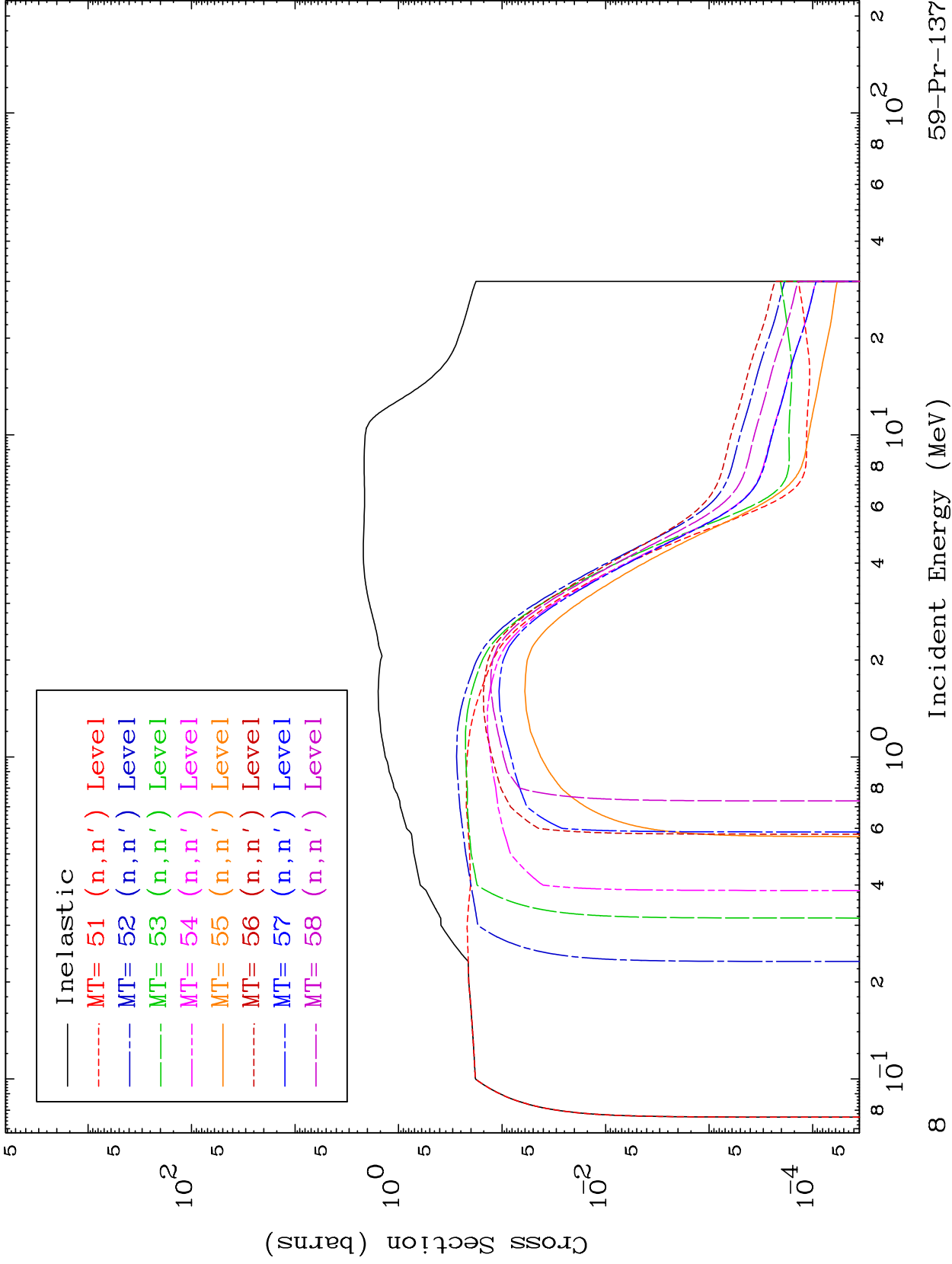


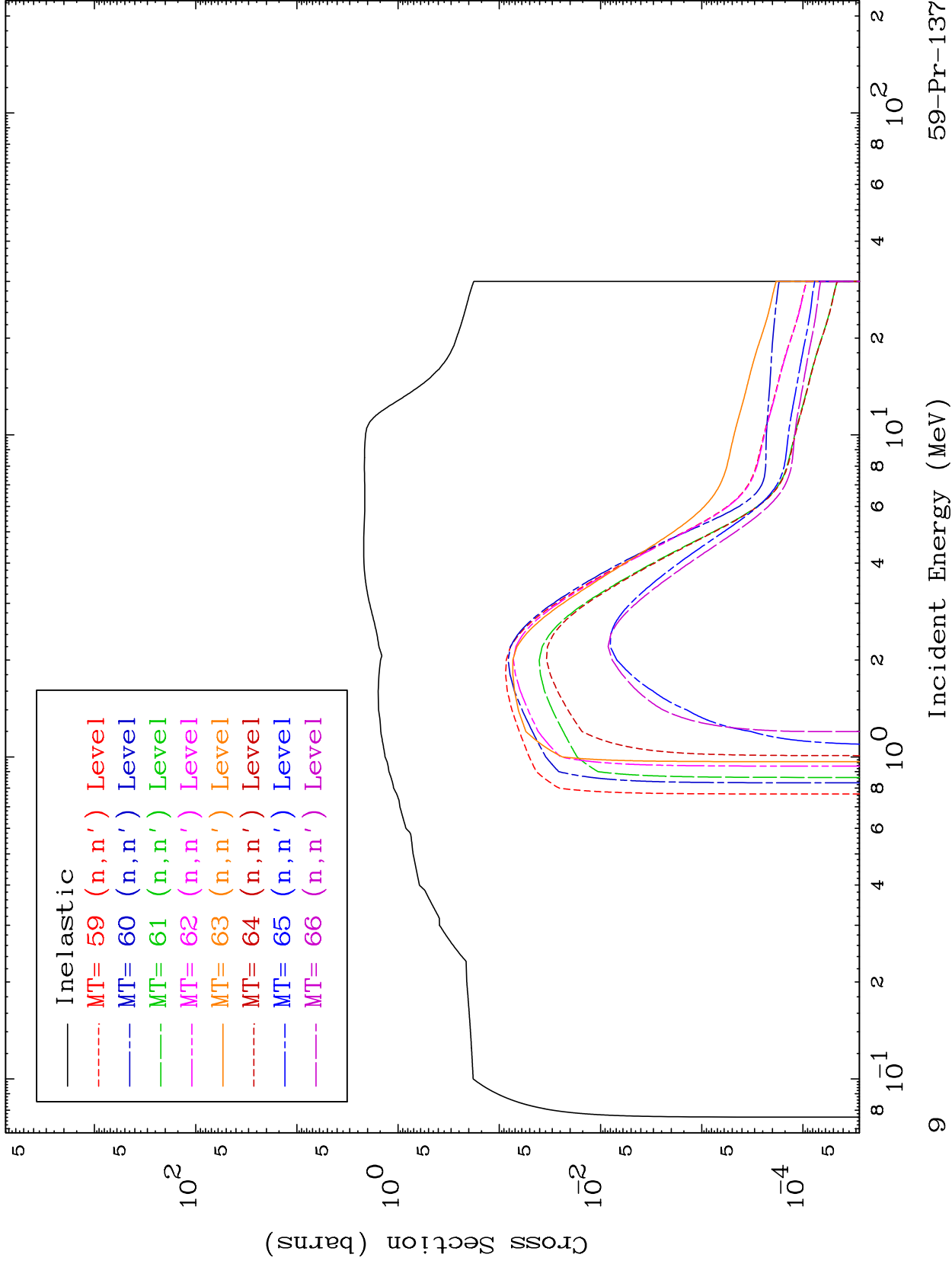
MAT 5913

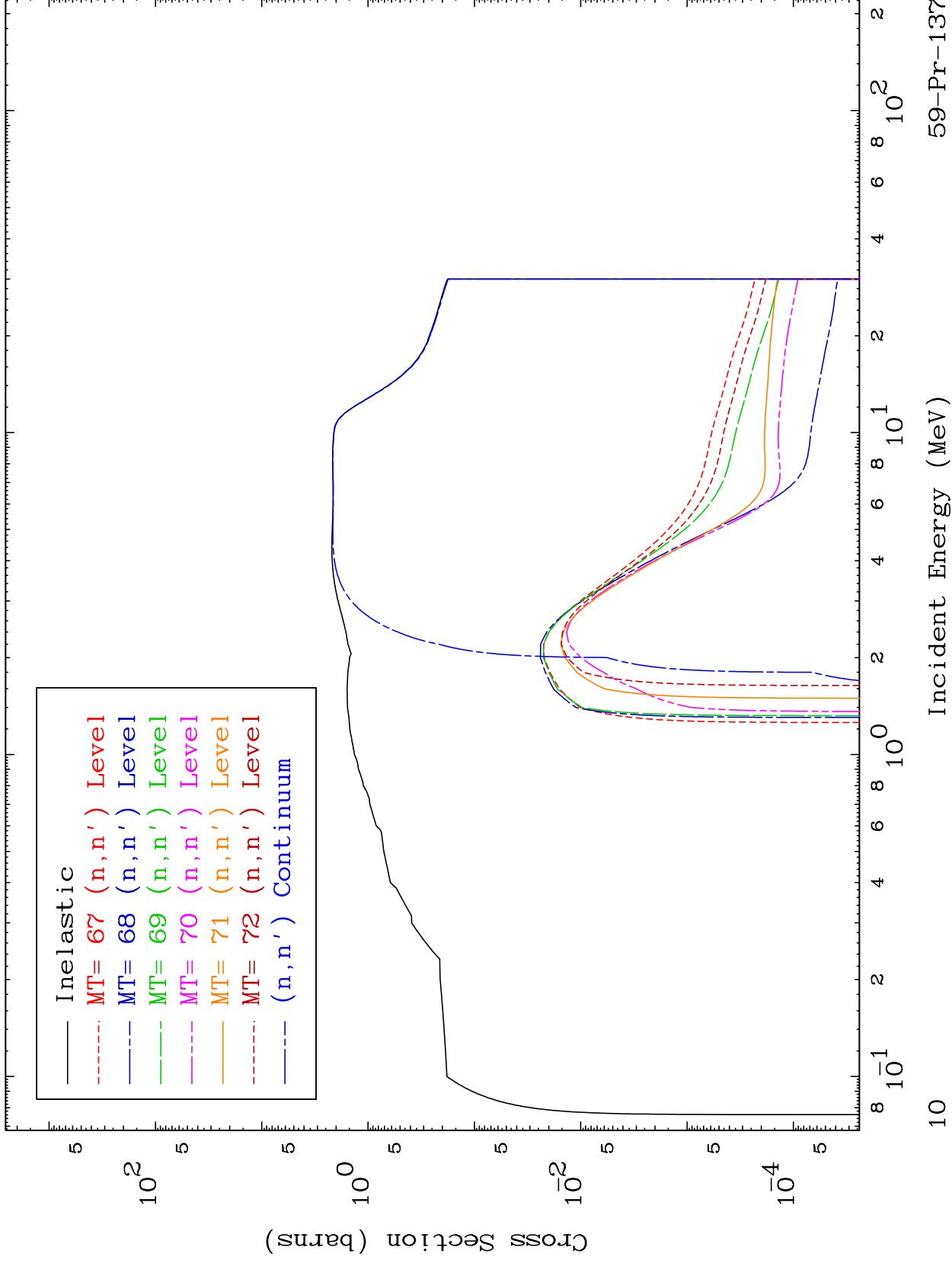
Particle Production
293 Kelvin Cross Sections

59-Pr-137





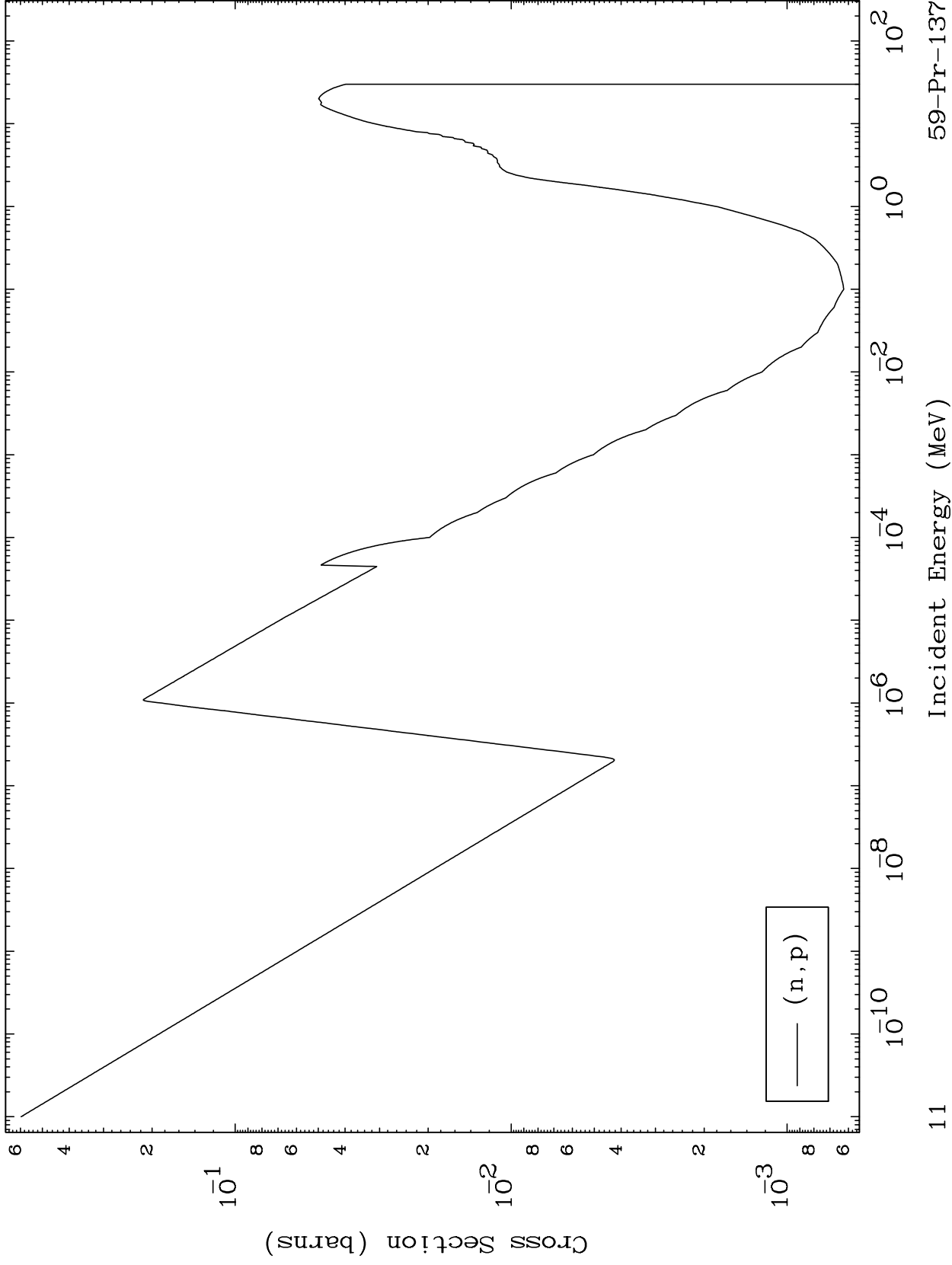




MAT 5913

(n,p) Levels
293 Kelvin Cross Sections

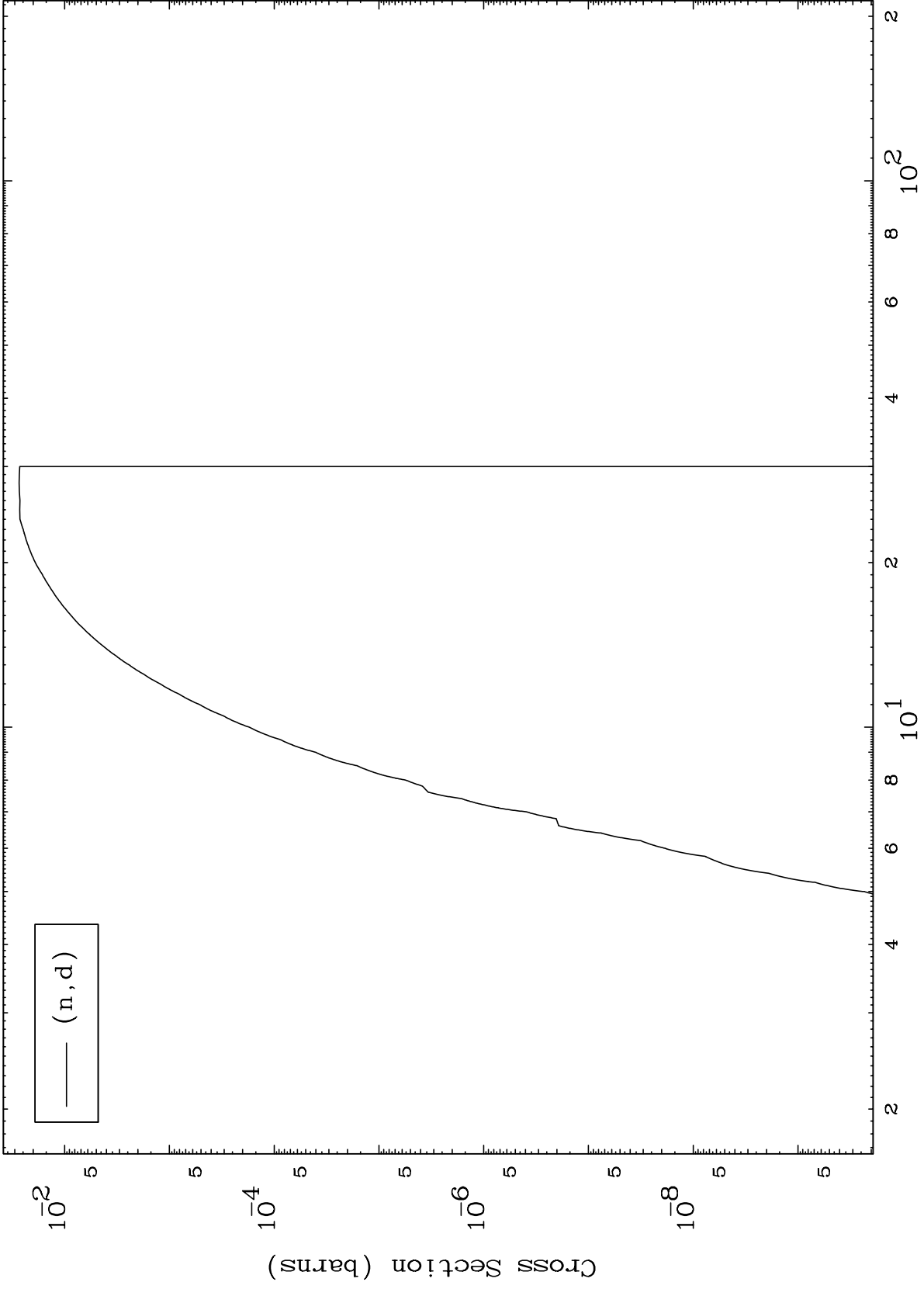
59-Pr-137



MAT 5913

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-137



12

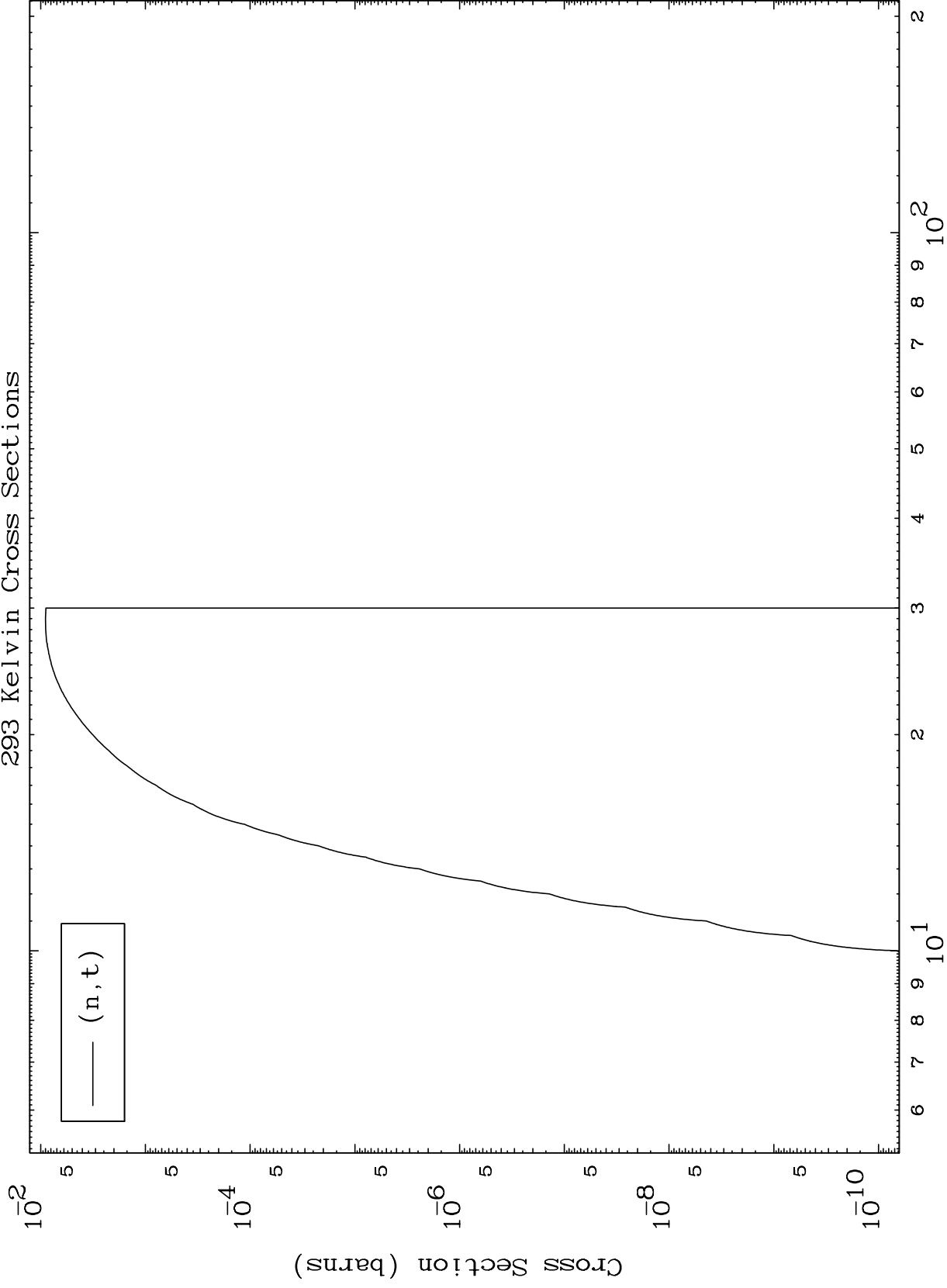
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-137



13

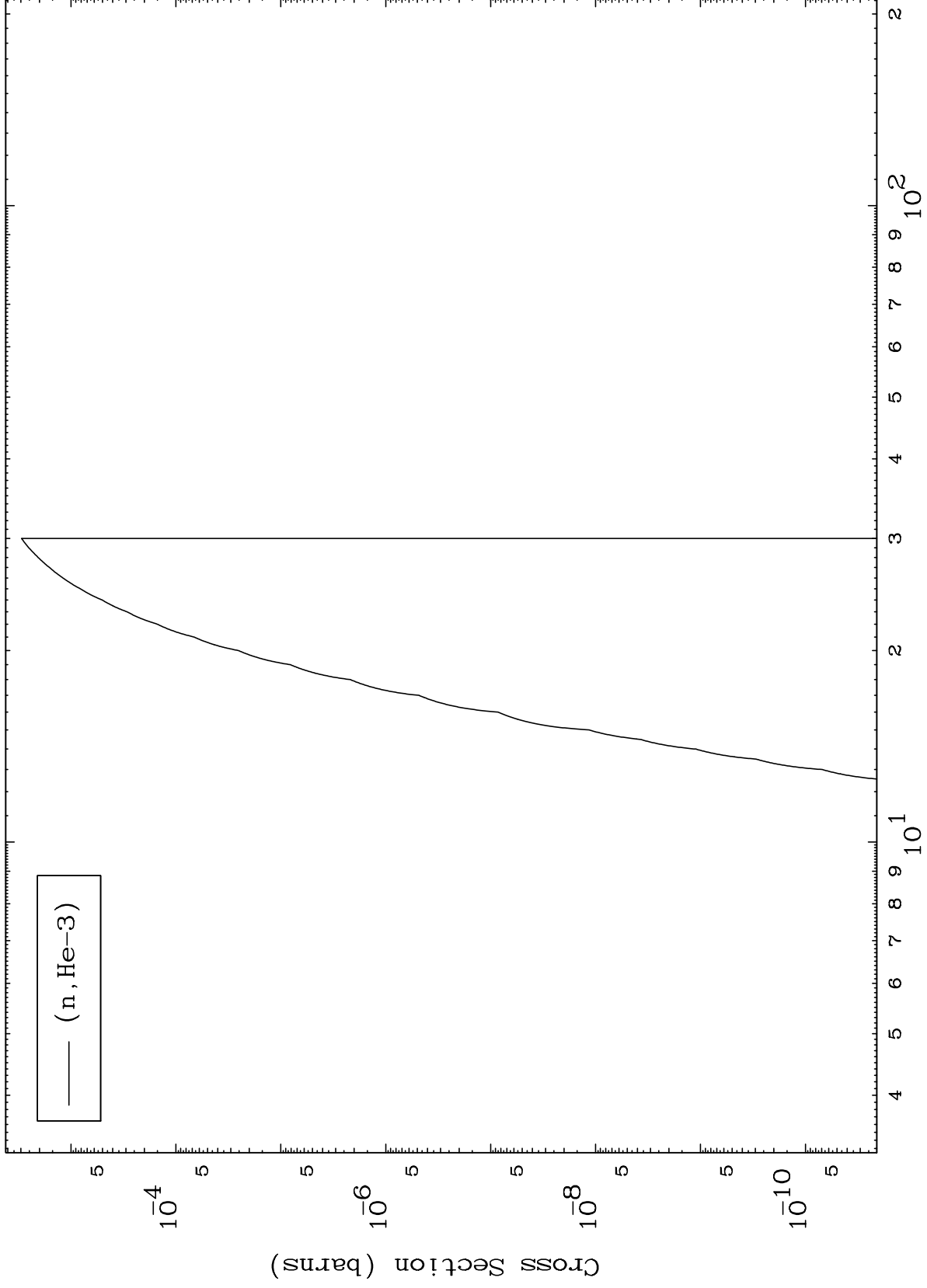
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-137



14

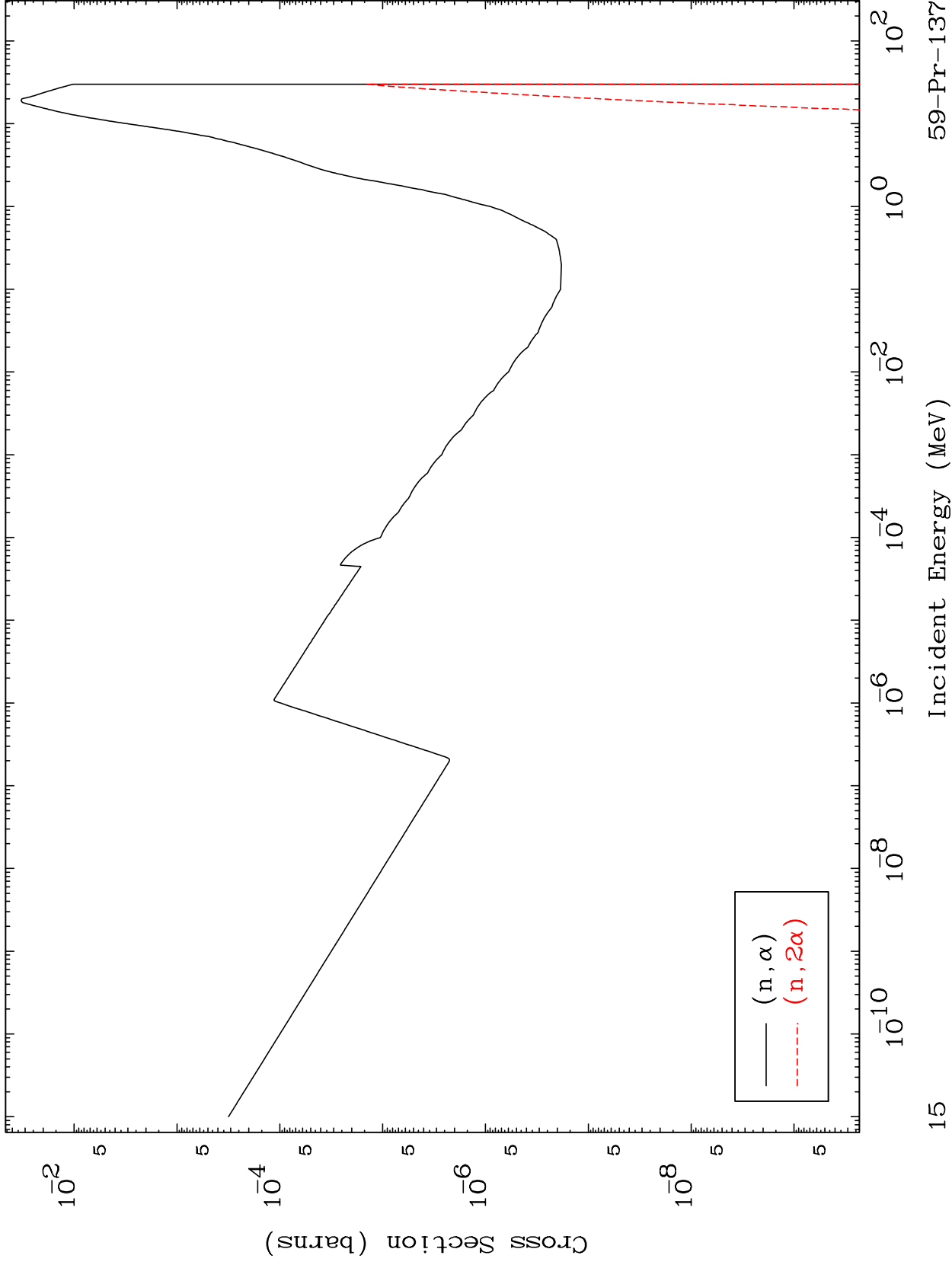
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,α) Levels
293 Kelvin Cross Sections

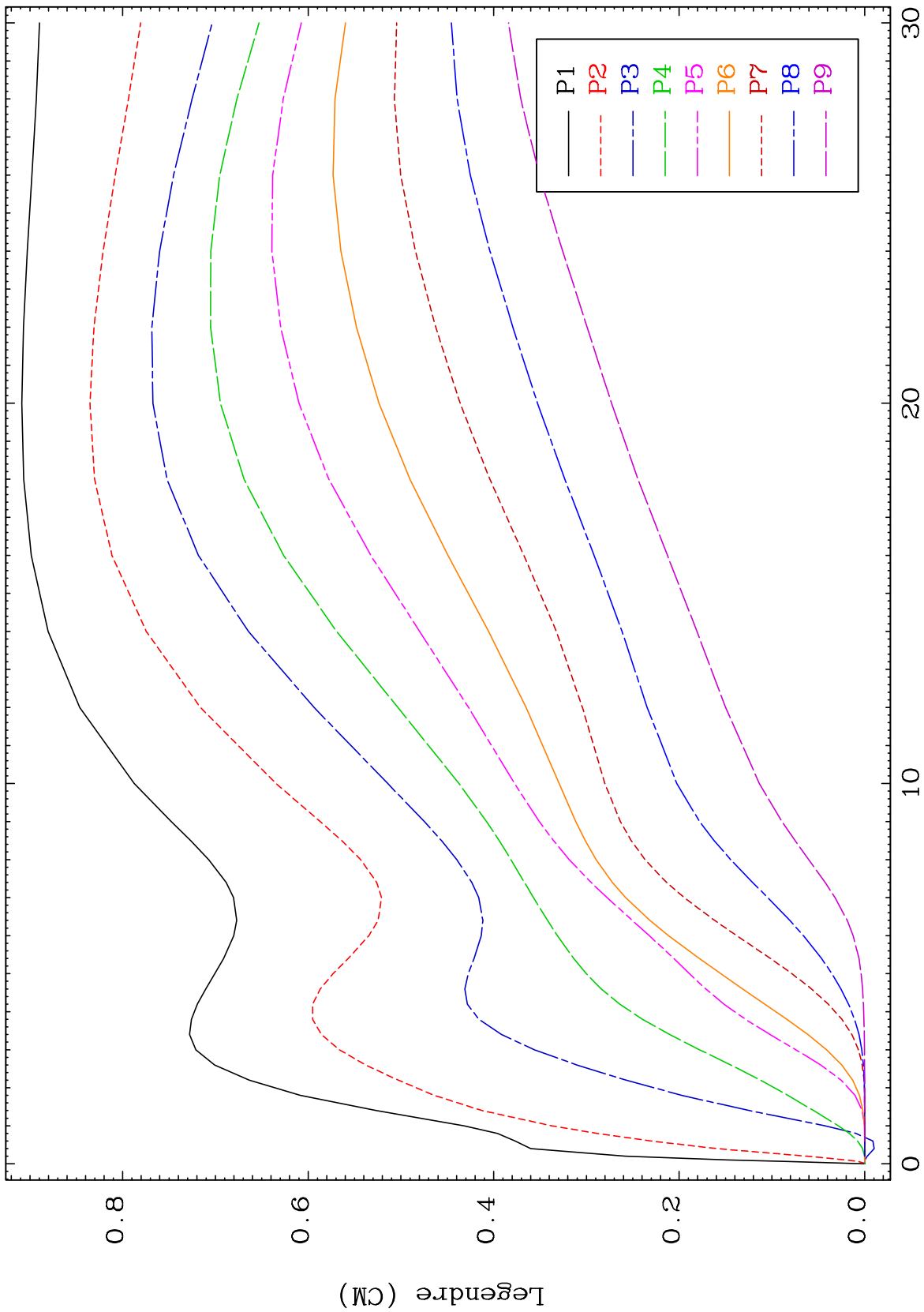
59-Pr-137



MAT 5913

59-Pr-137

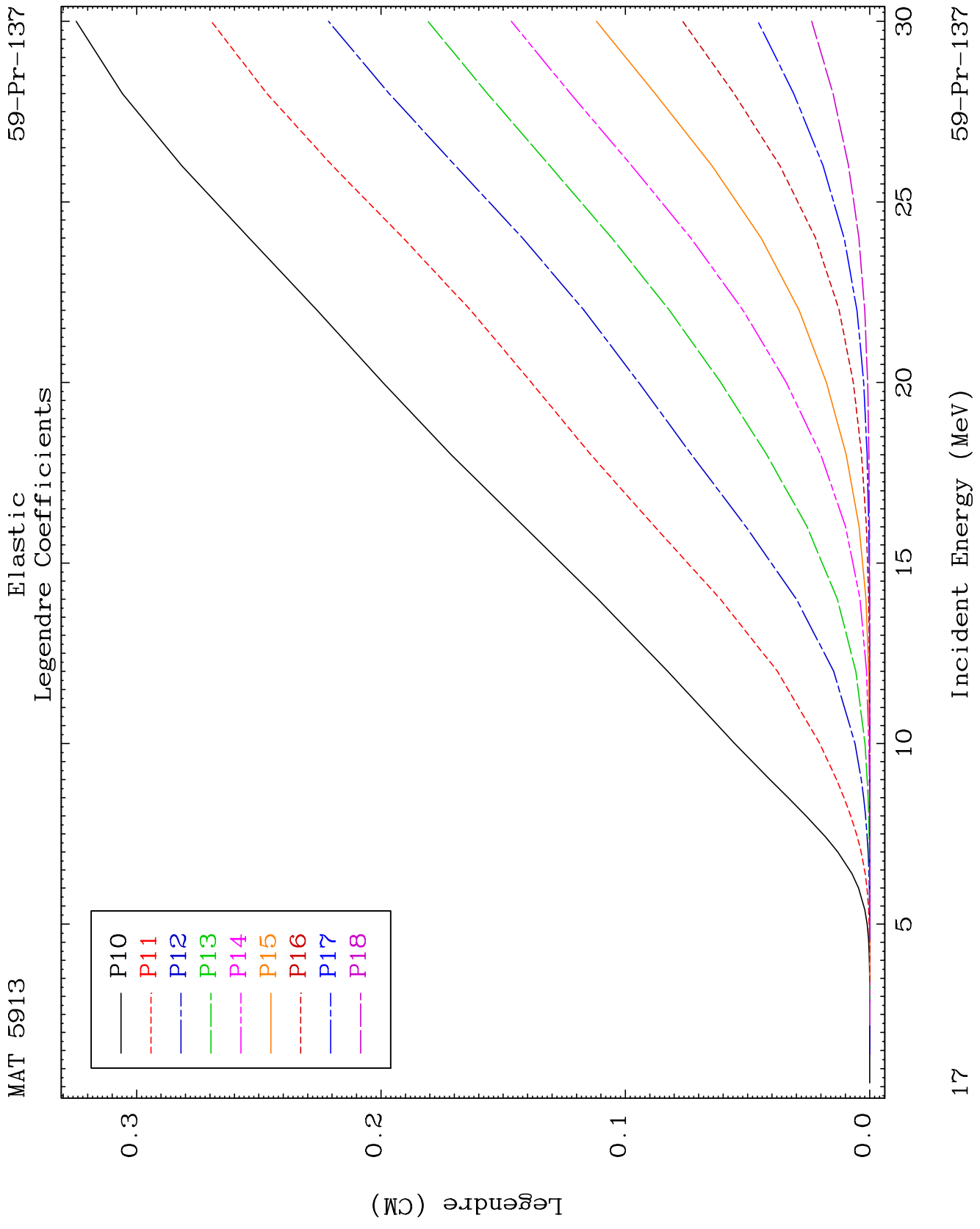
Elastic Legendre Coefficients



59-Pr-137

Incident Energy (MeV)

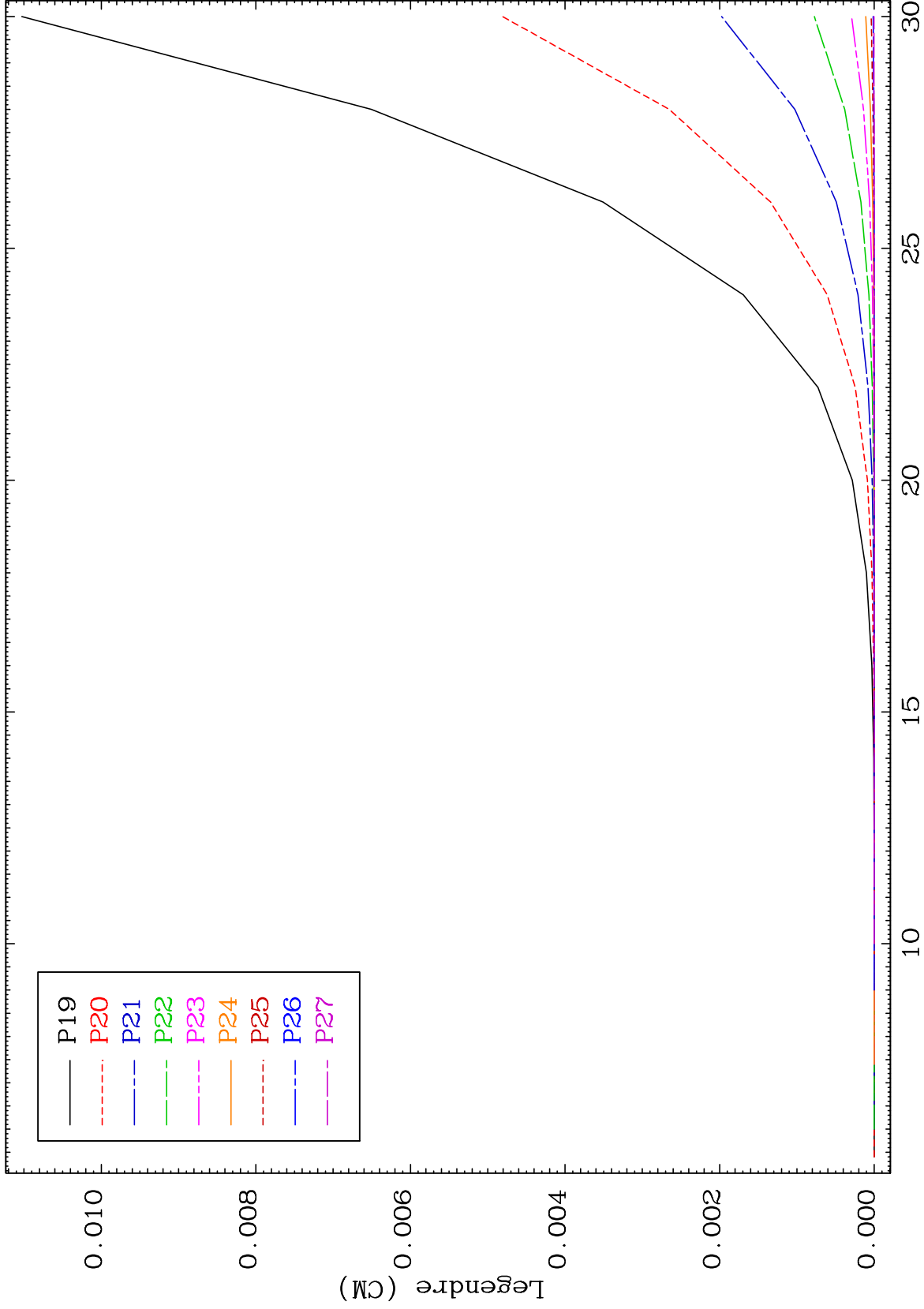
16



MAT 5913

Elastic Legendre Coefficients

59-Pr-137



18

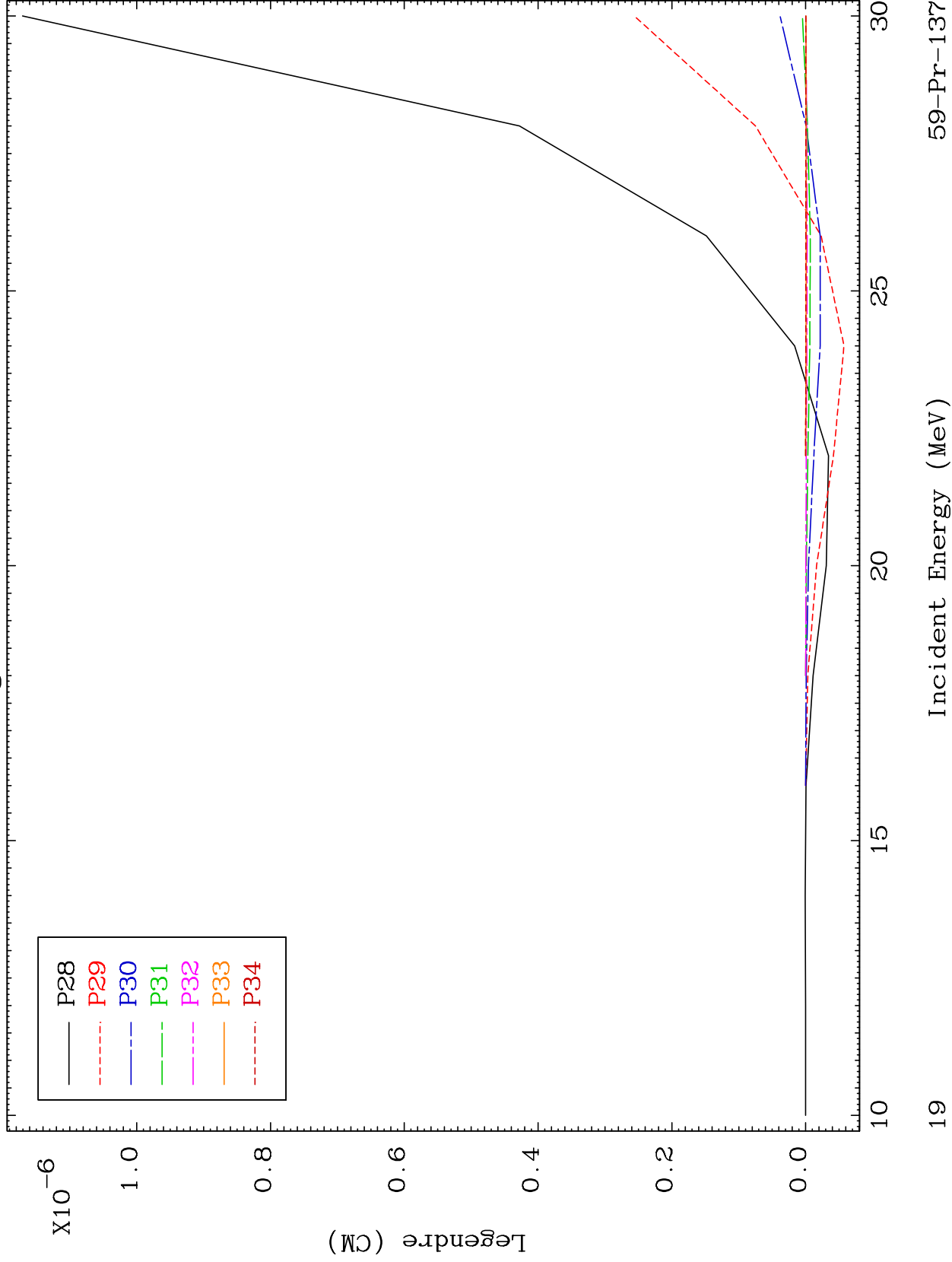
Incident Energy (MeV)

59-Pr-137

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



19

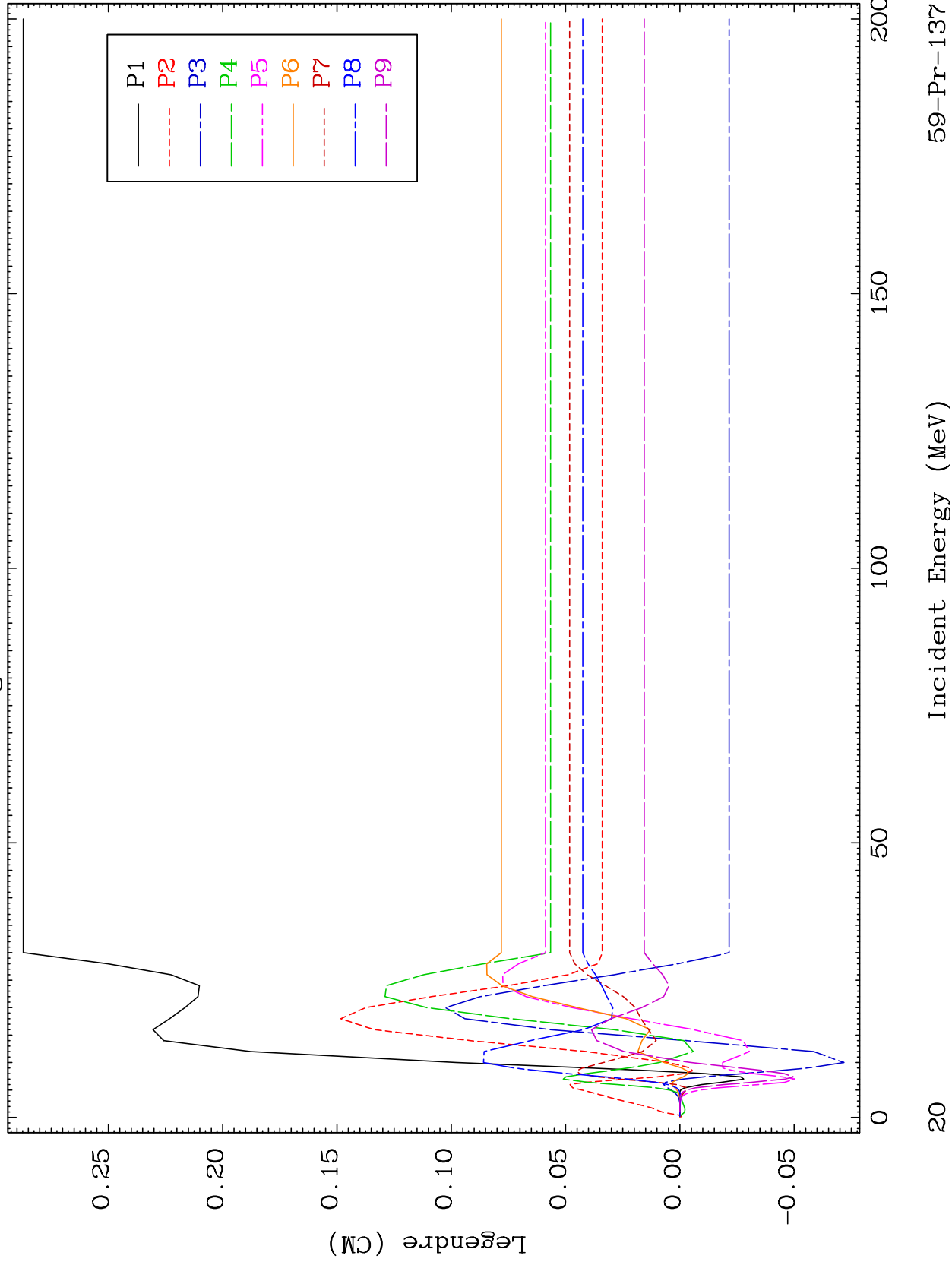
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

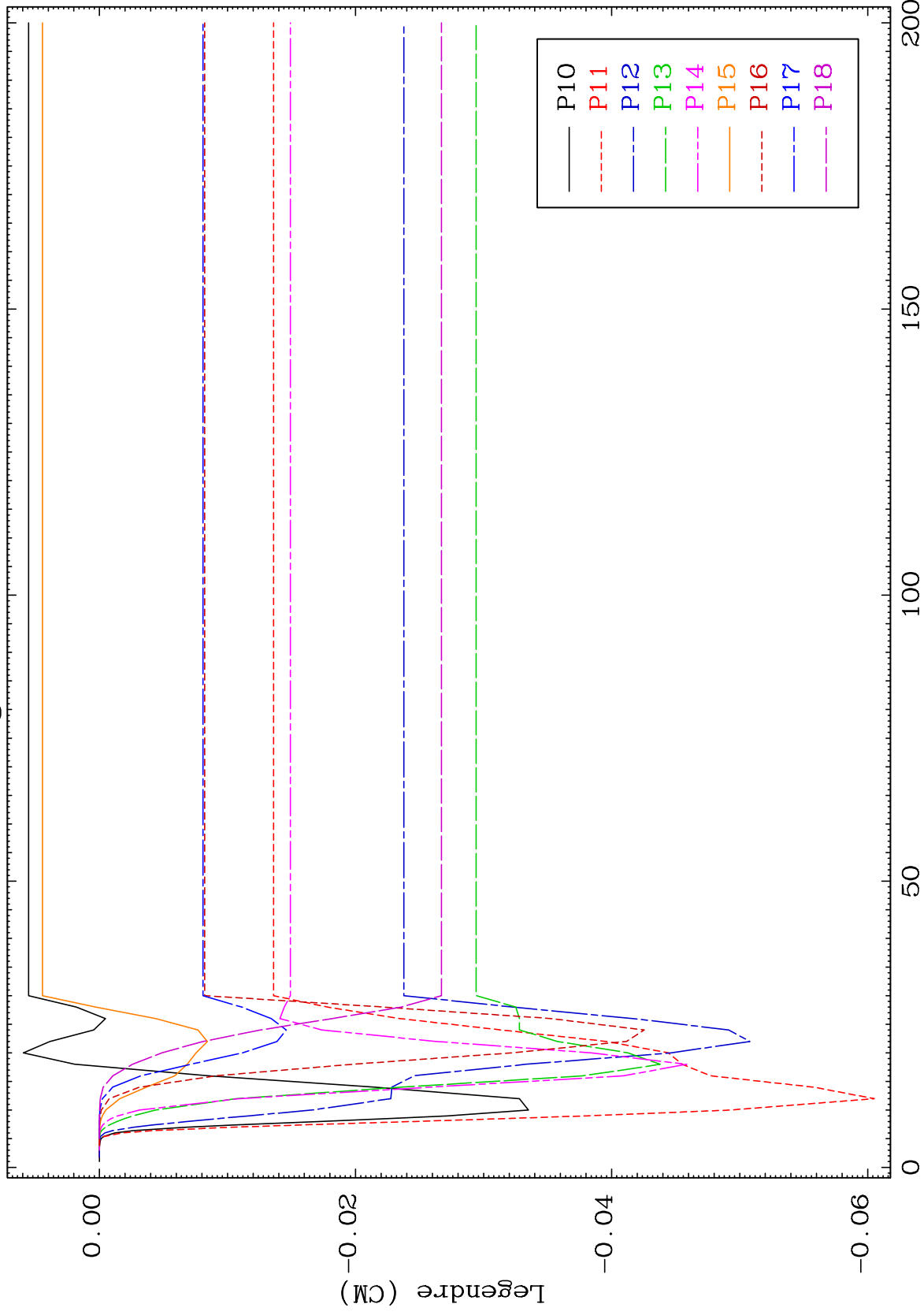
Incident Energy (MeV)

0

MAT 5913

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

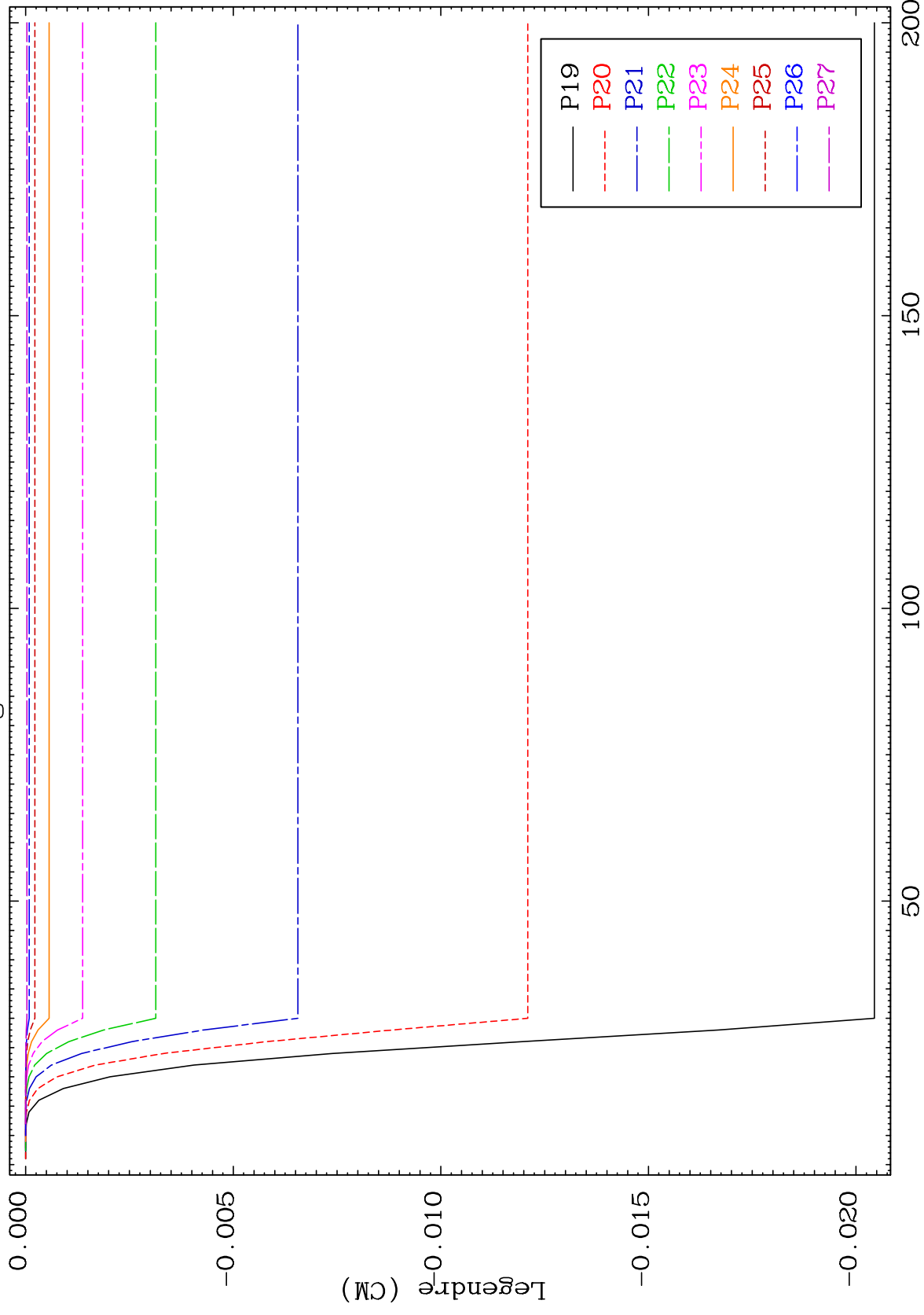
59-Pr-137

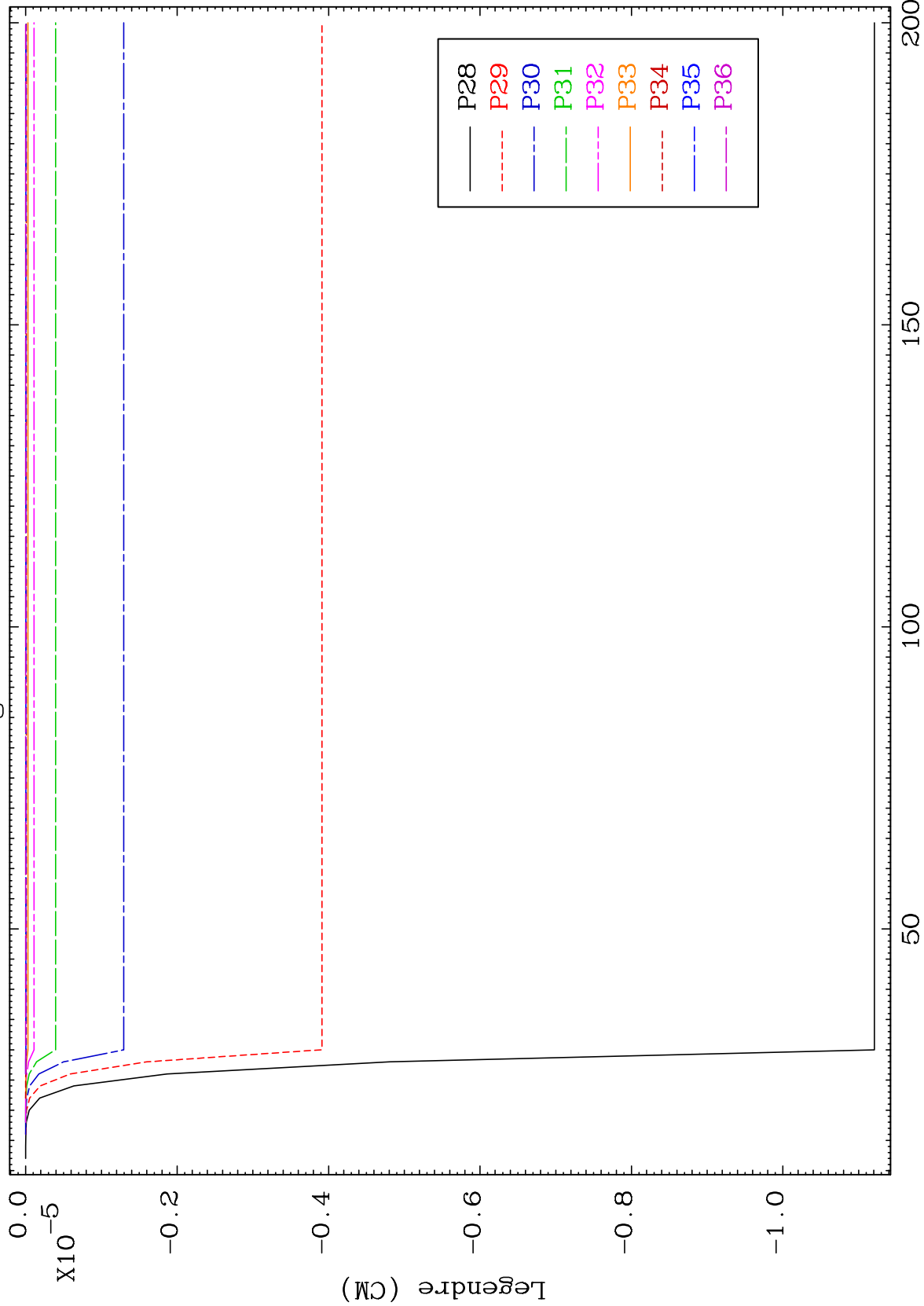


21

Incident Energy (MeV)

59-Pr-137

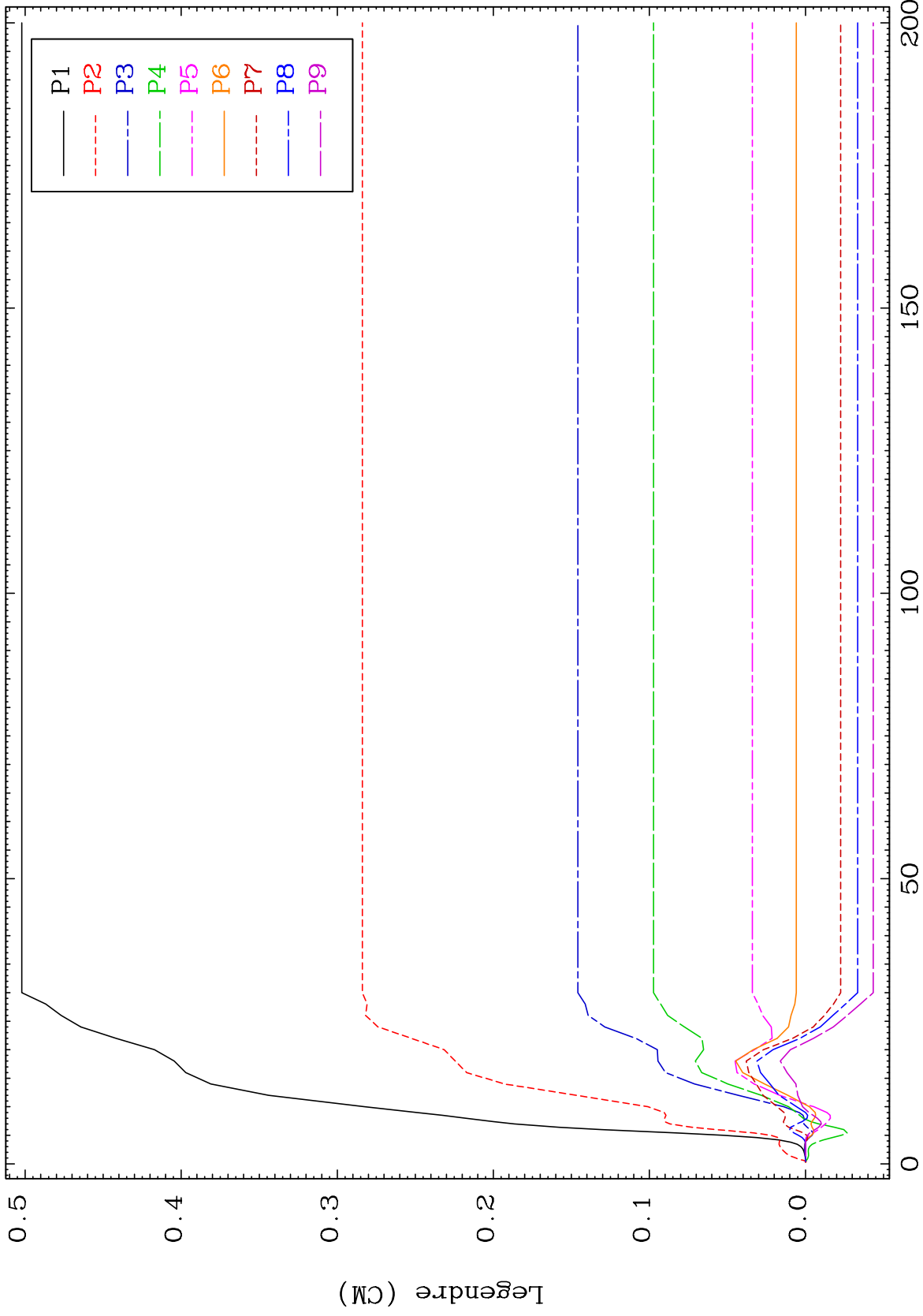




MAT 5913

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

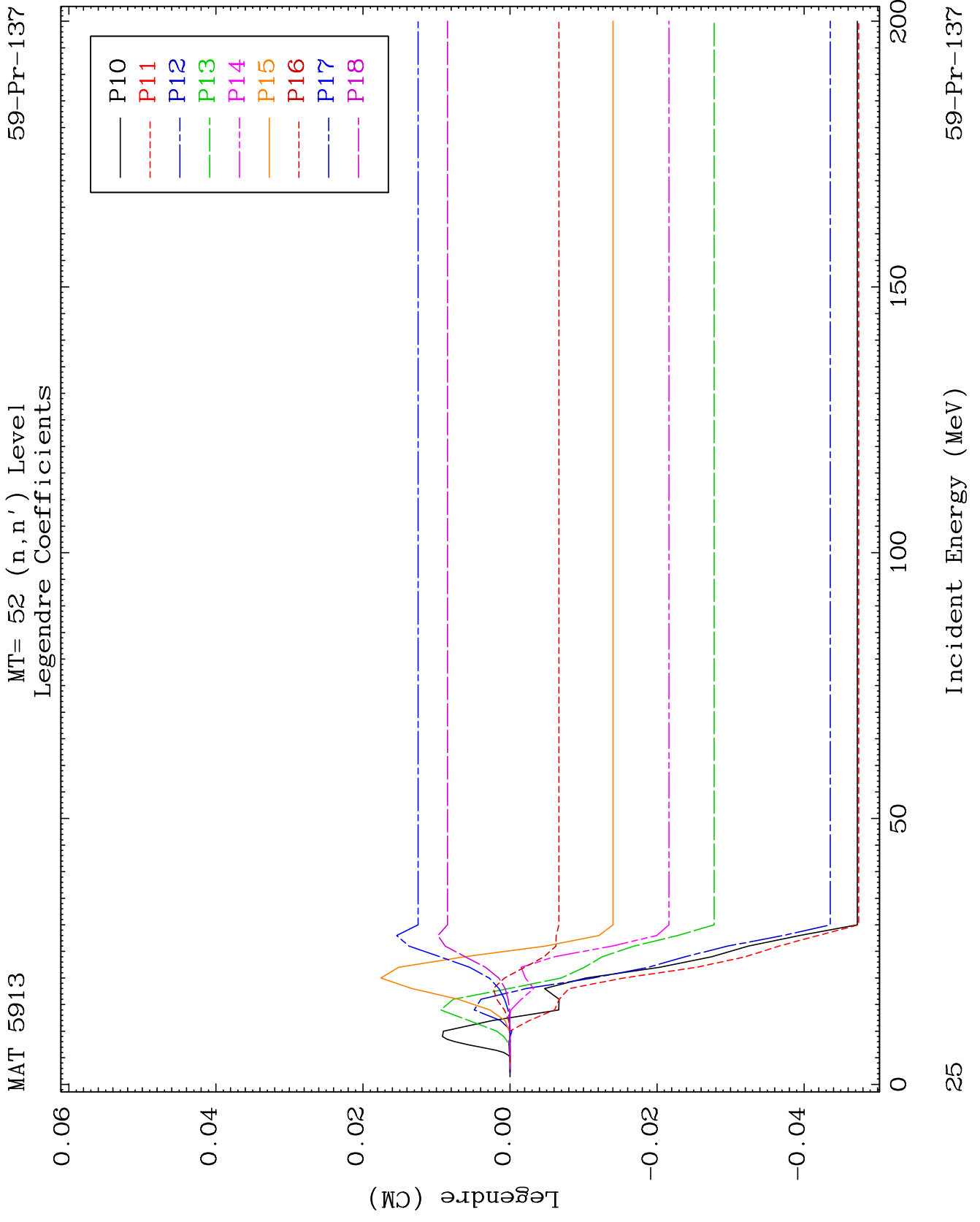
59-Pr-137

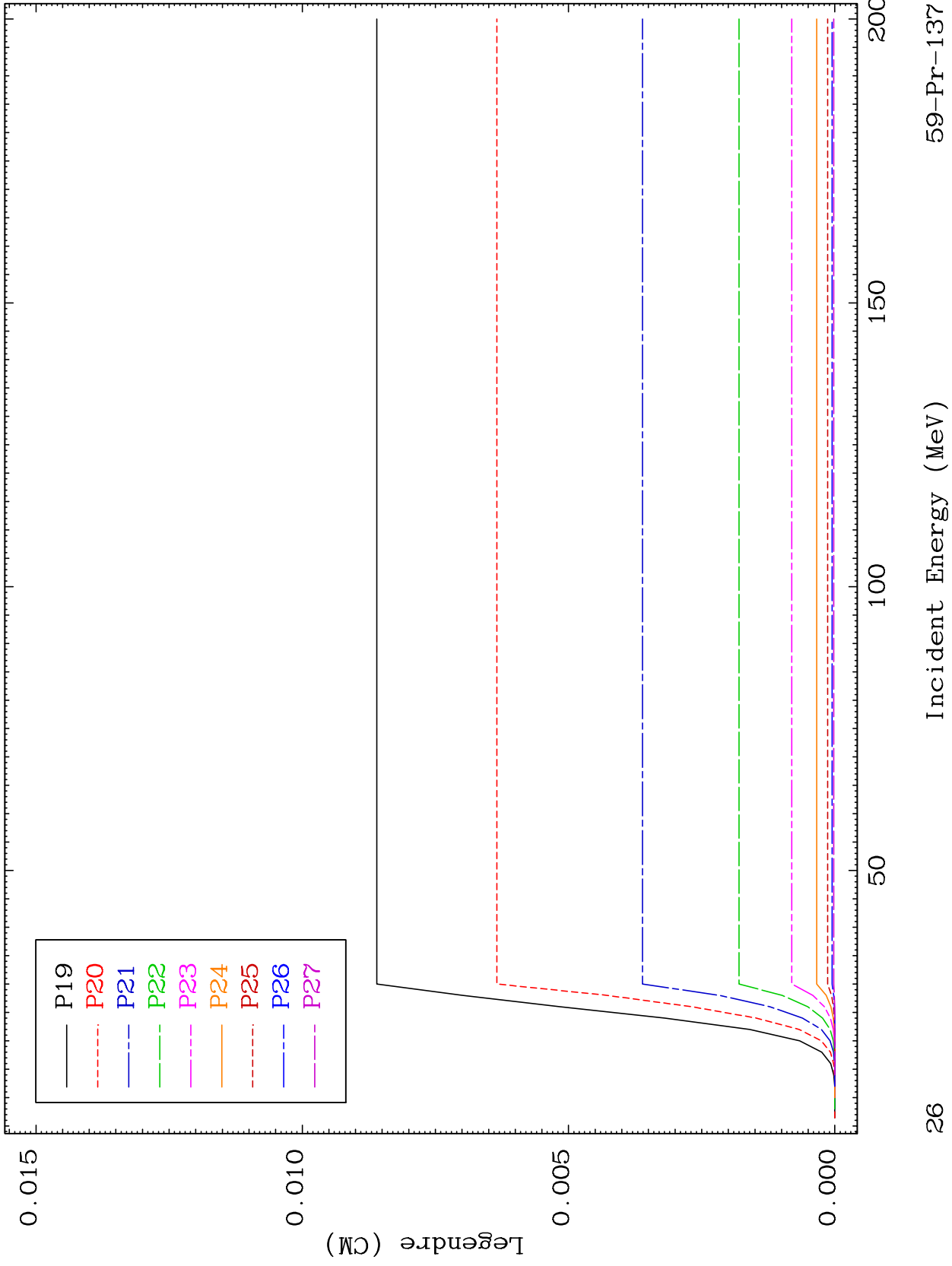


24

Incident Energy (MeV)

59-Pr-137

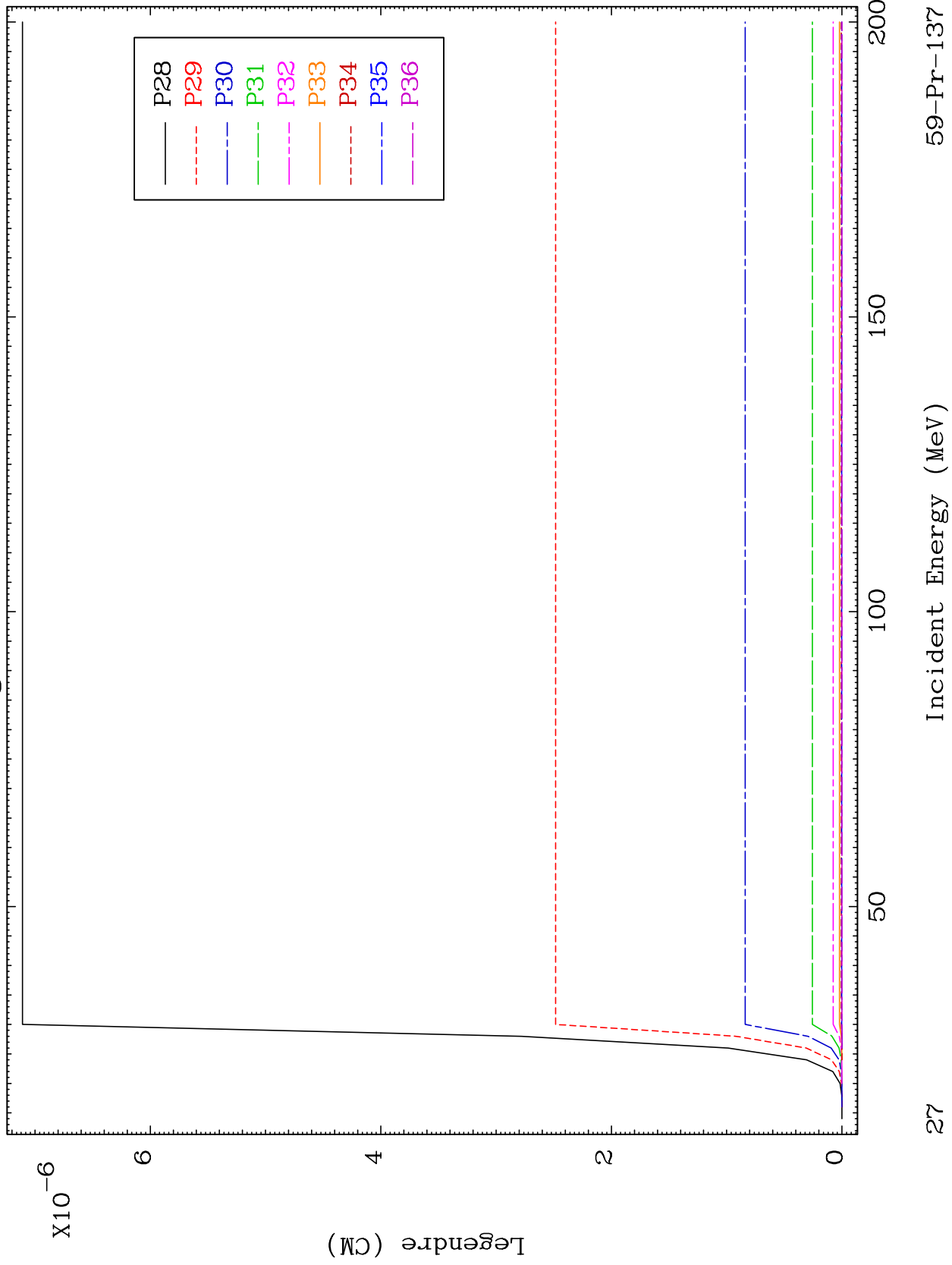




MAT 5913

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

59-Pr-137



27

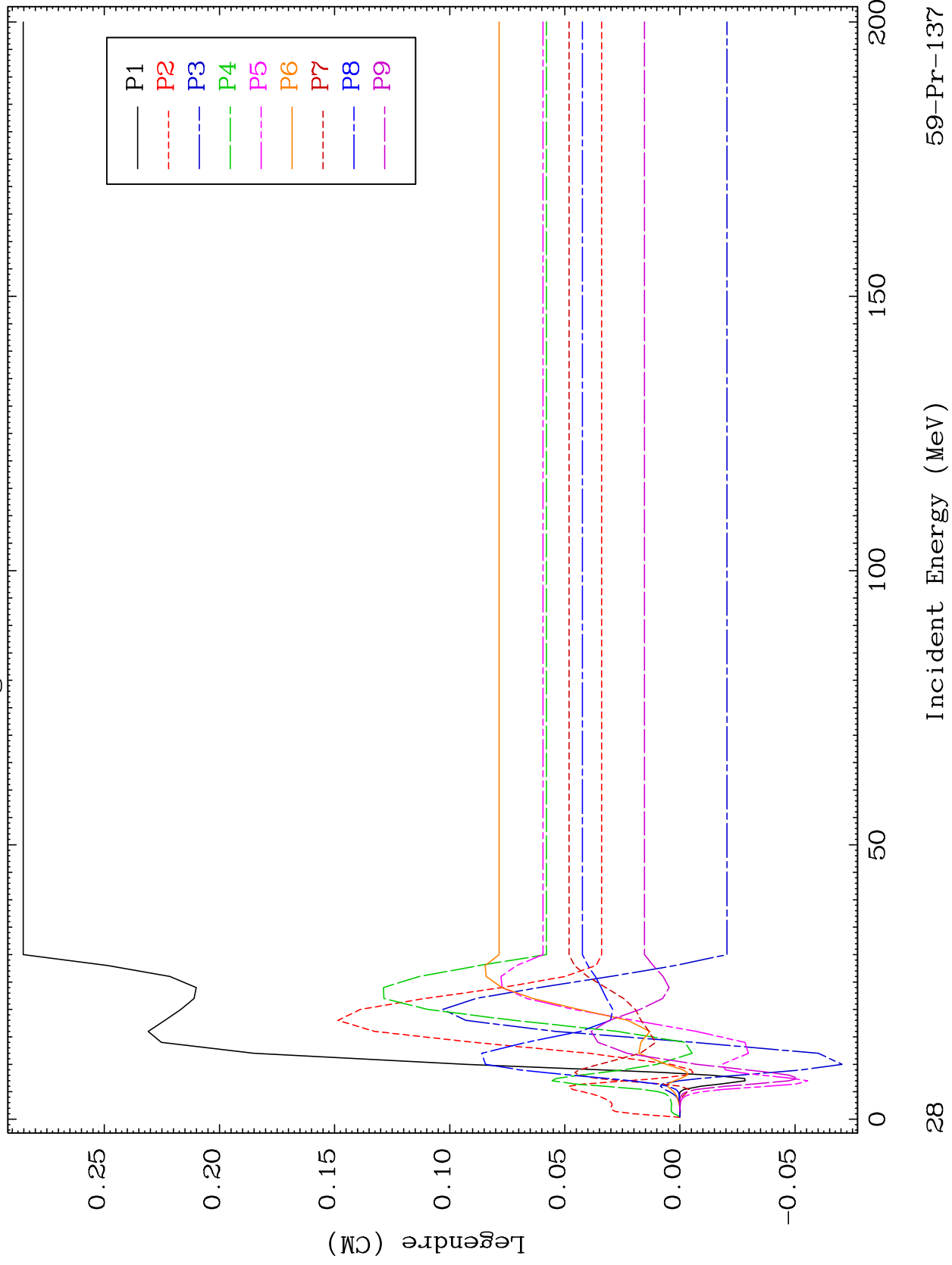
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

Incident Energy (MeV)

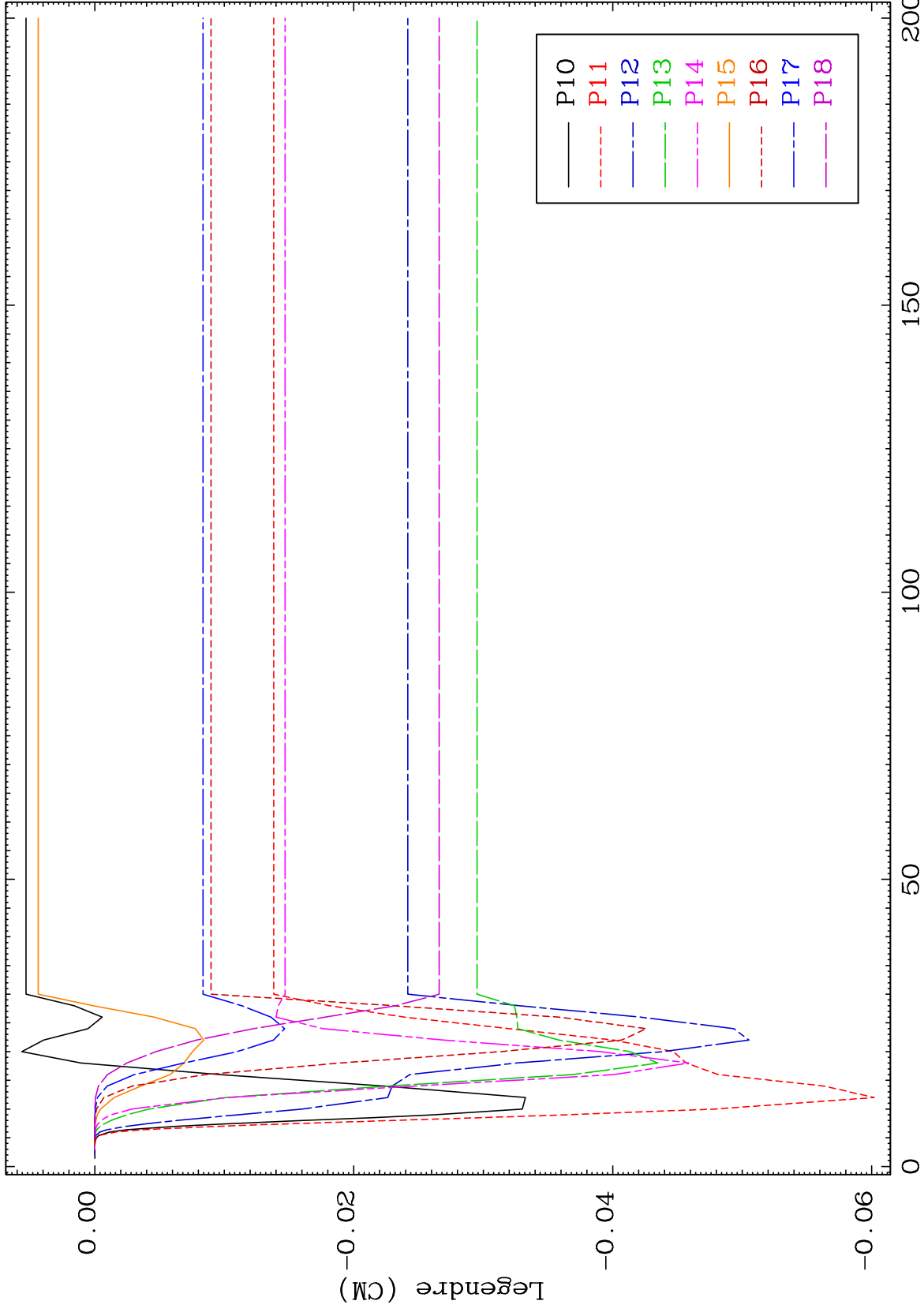
28

MAT 5913

MT= 53 (n,n') Level

59-Pr-137

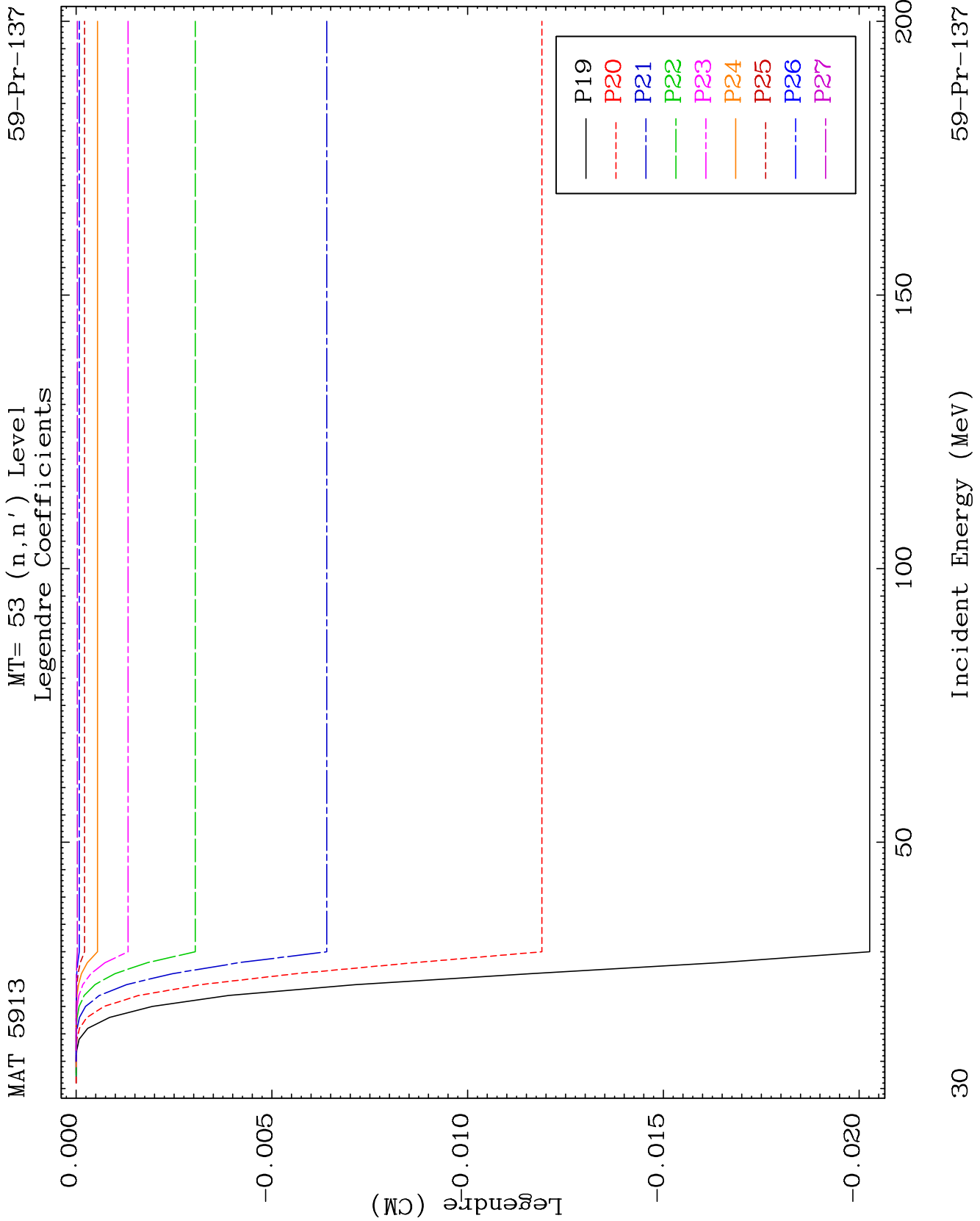
Legendre Coefficients



29

Incident Energy (MeV)

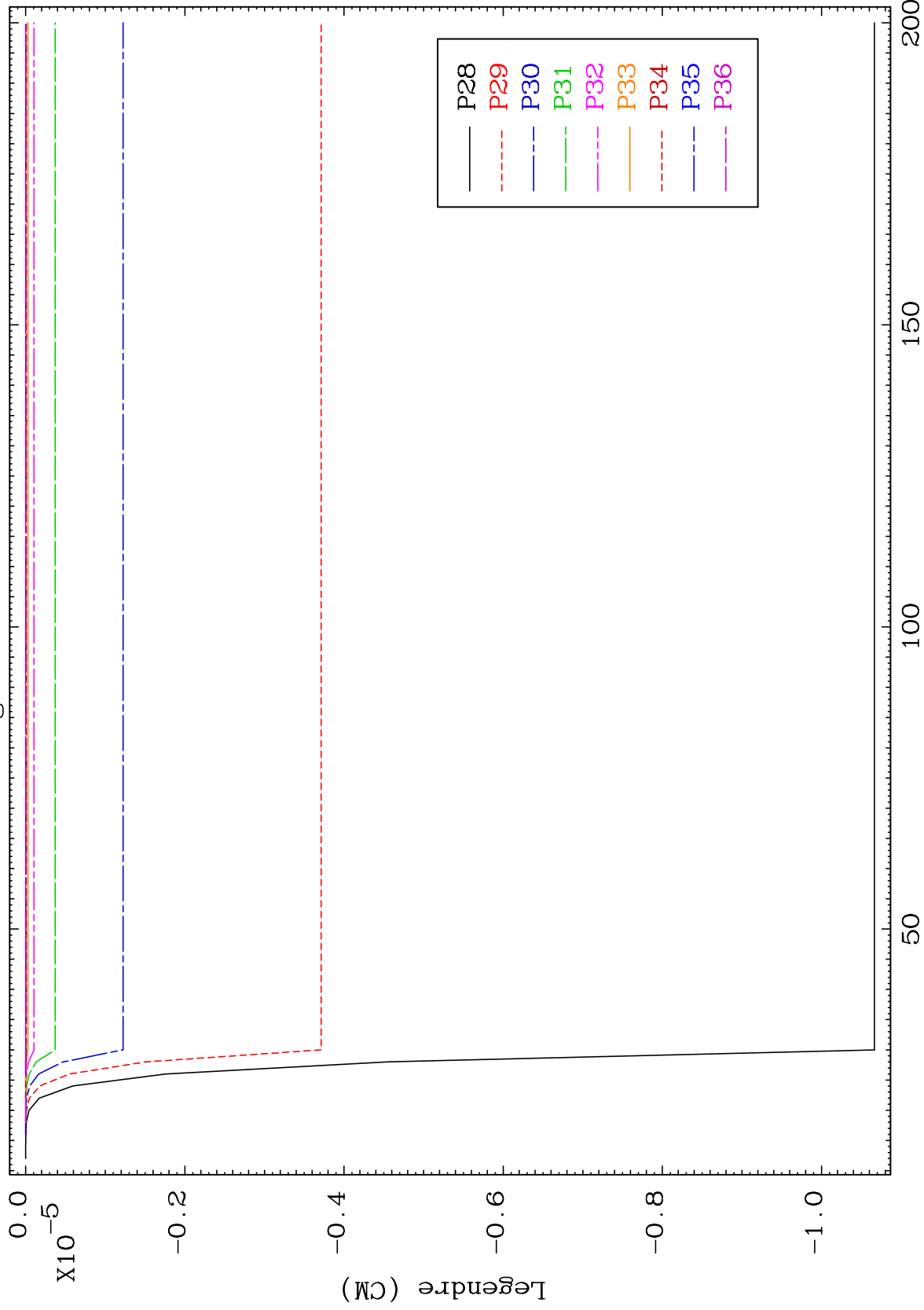
59-Pr-137



MAT 5913

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

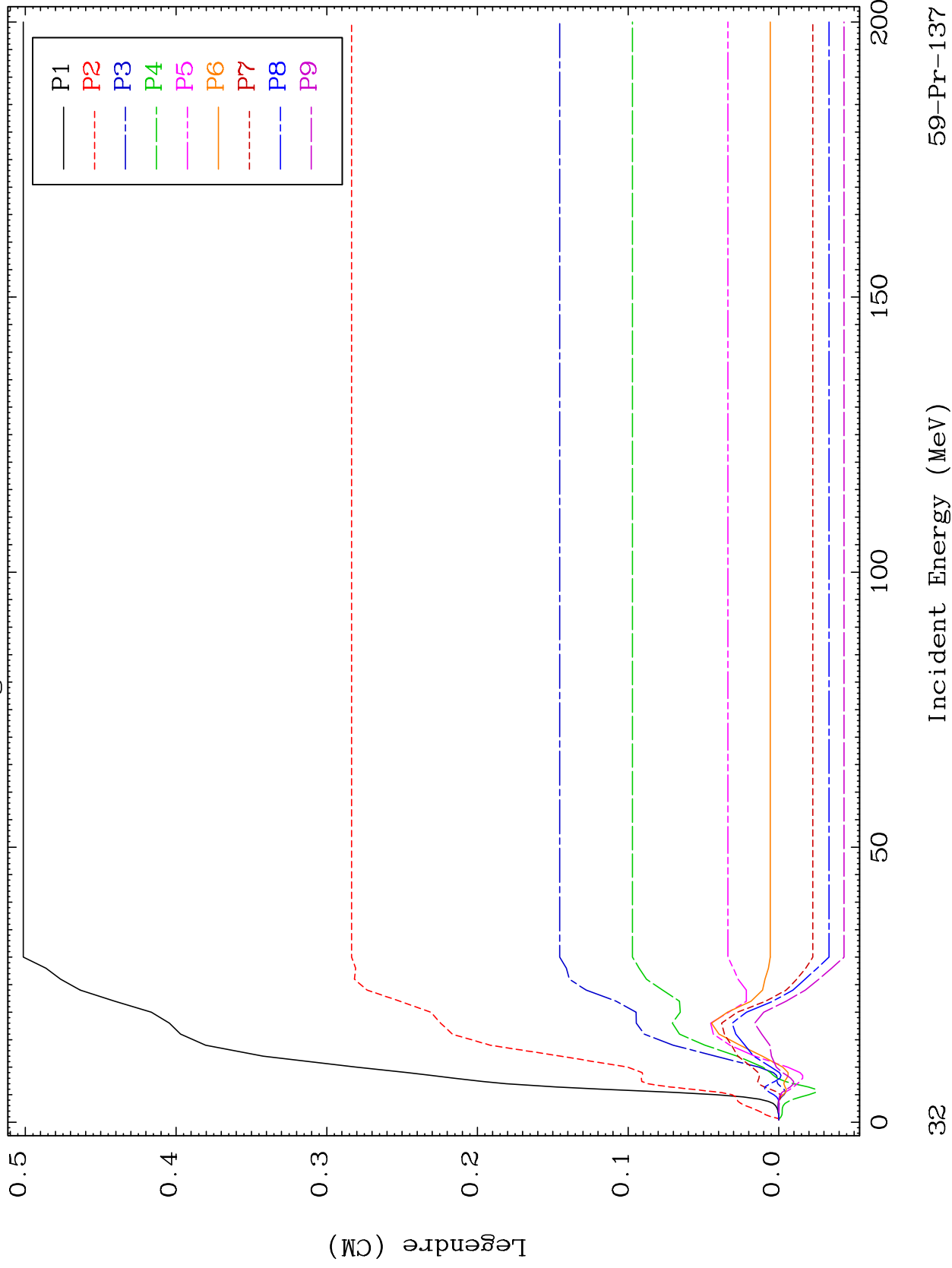
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

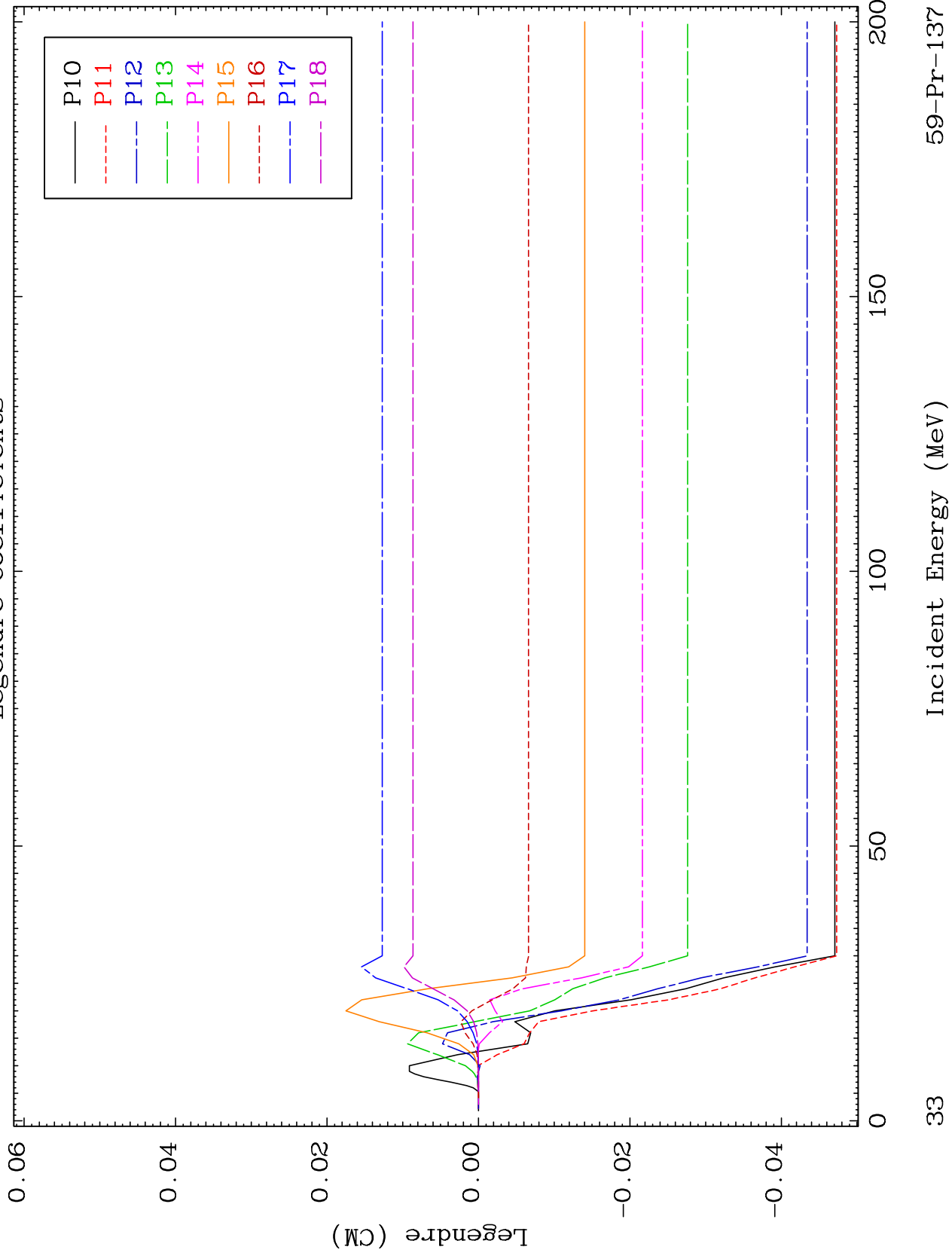
Incident Energy (MeV)

32

MAT 5913

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

59-Pr-137



33

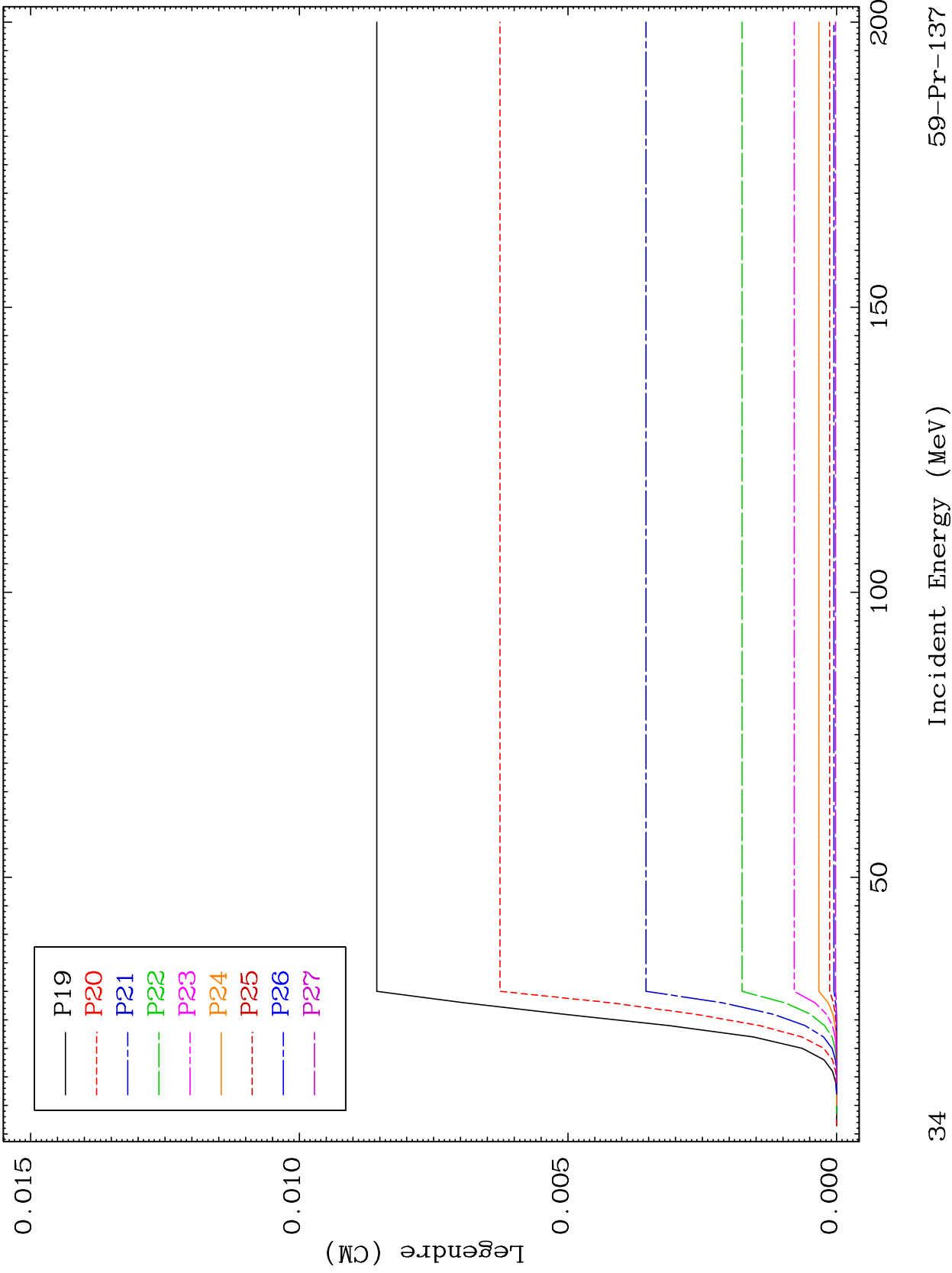
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



34

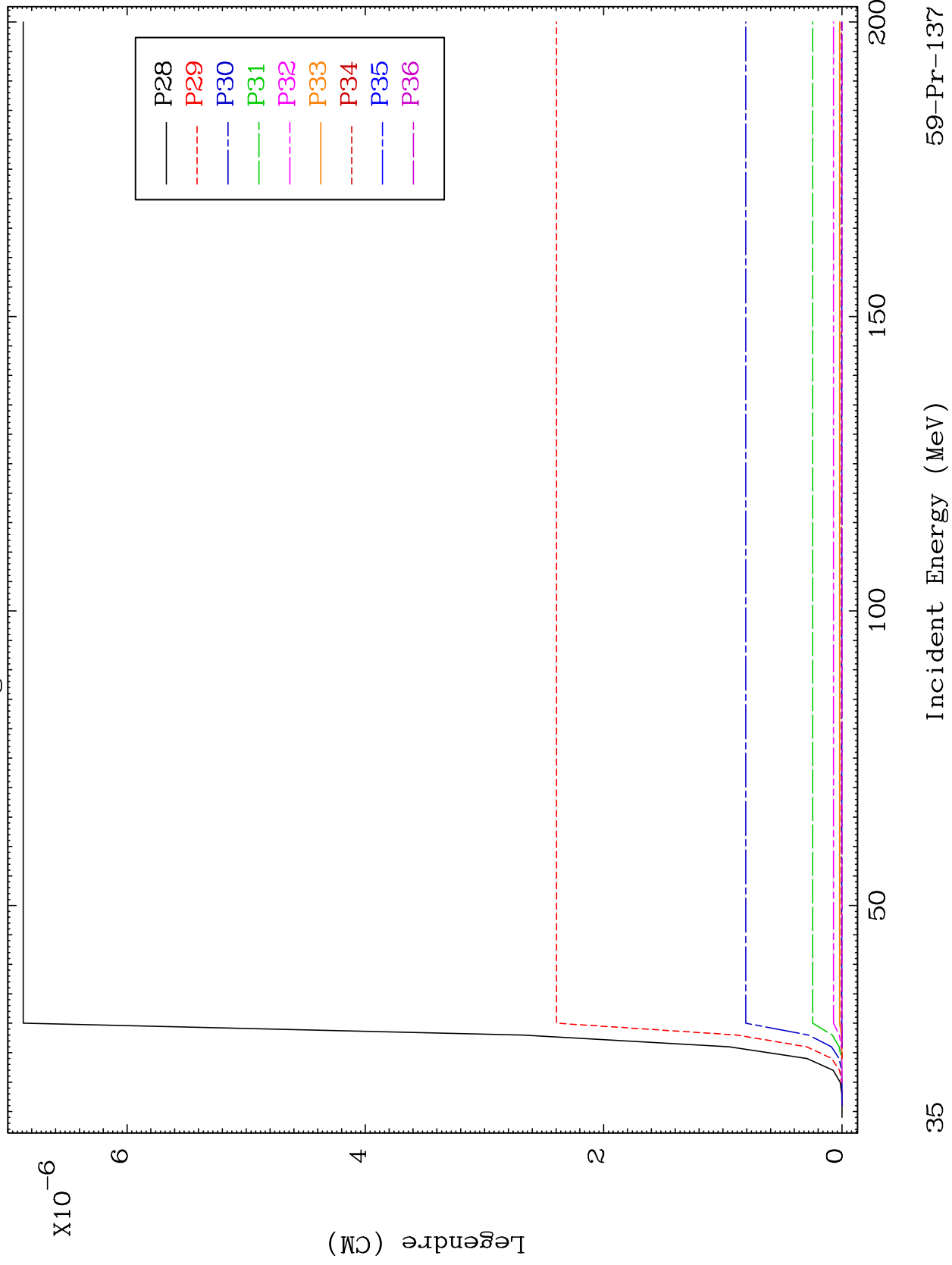
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



35

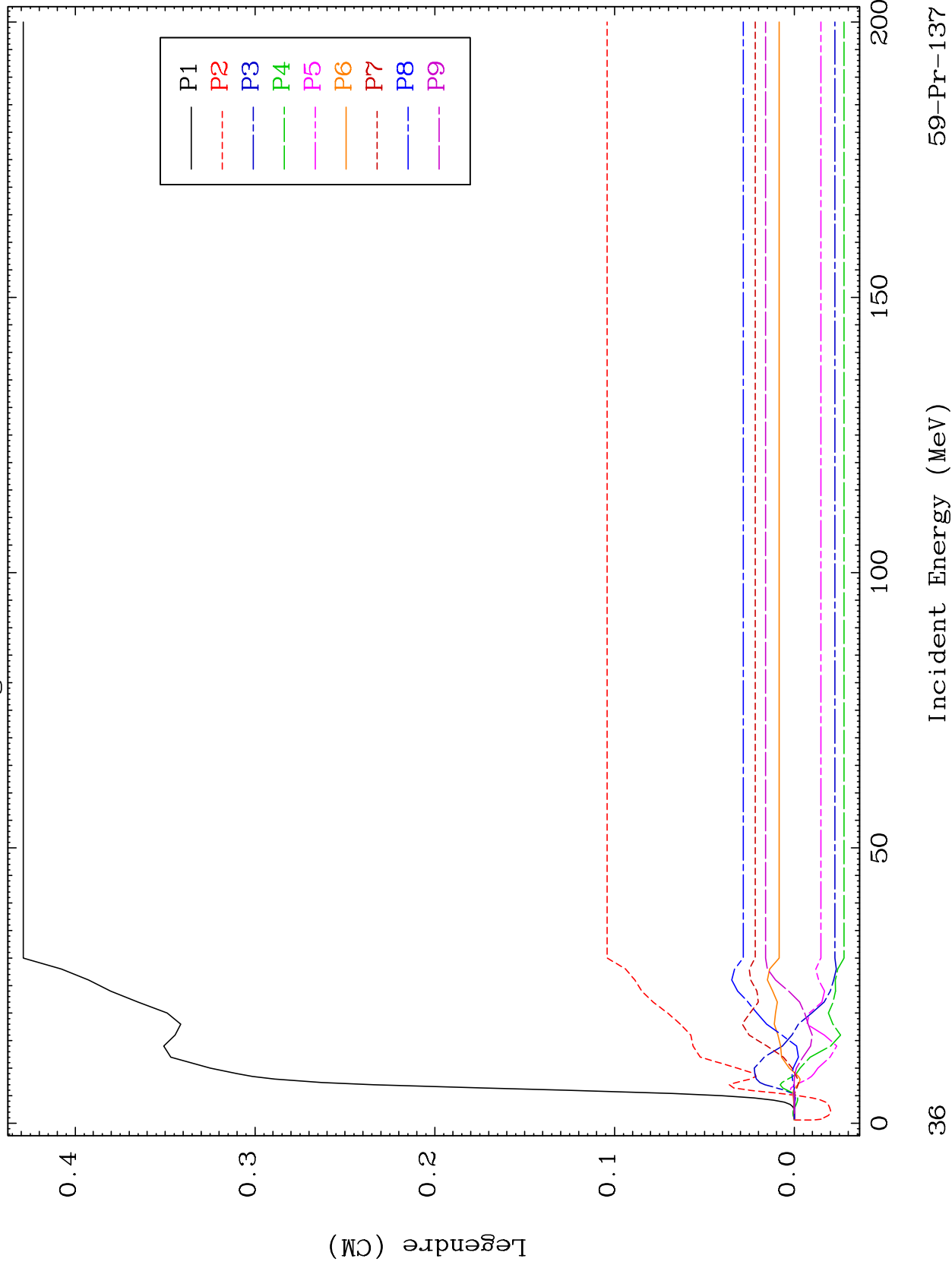
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

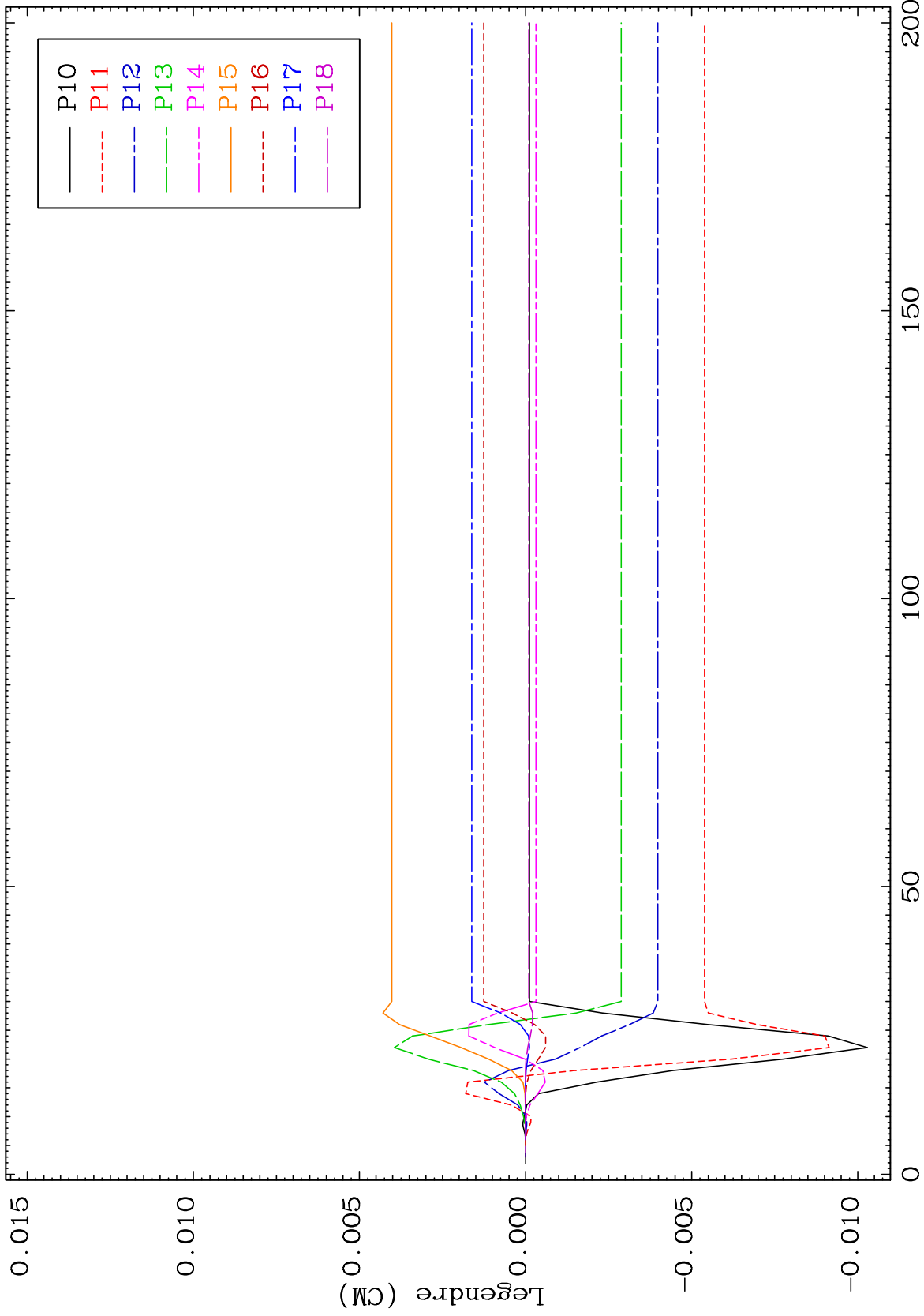
Incident Energy (MeV)

36

MAT 5913

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

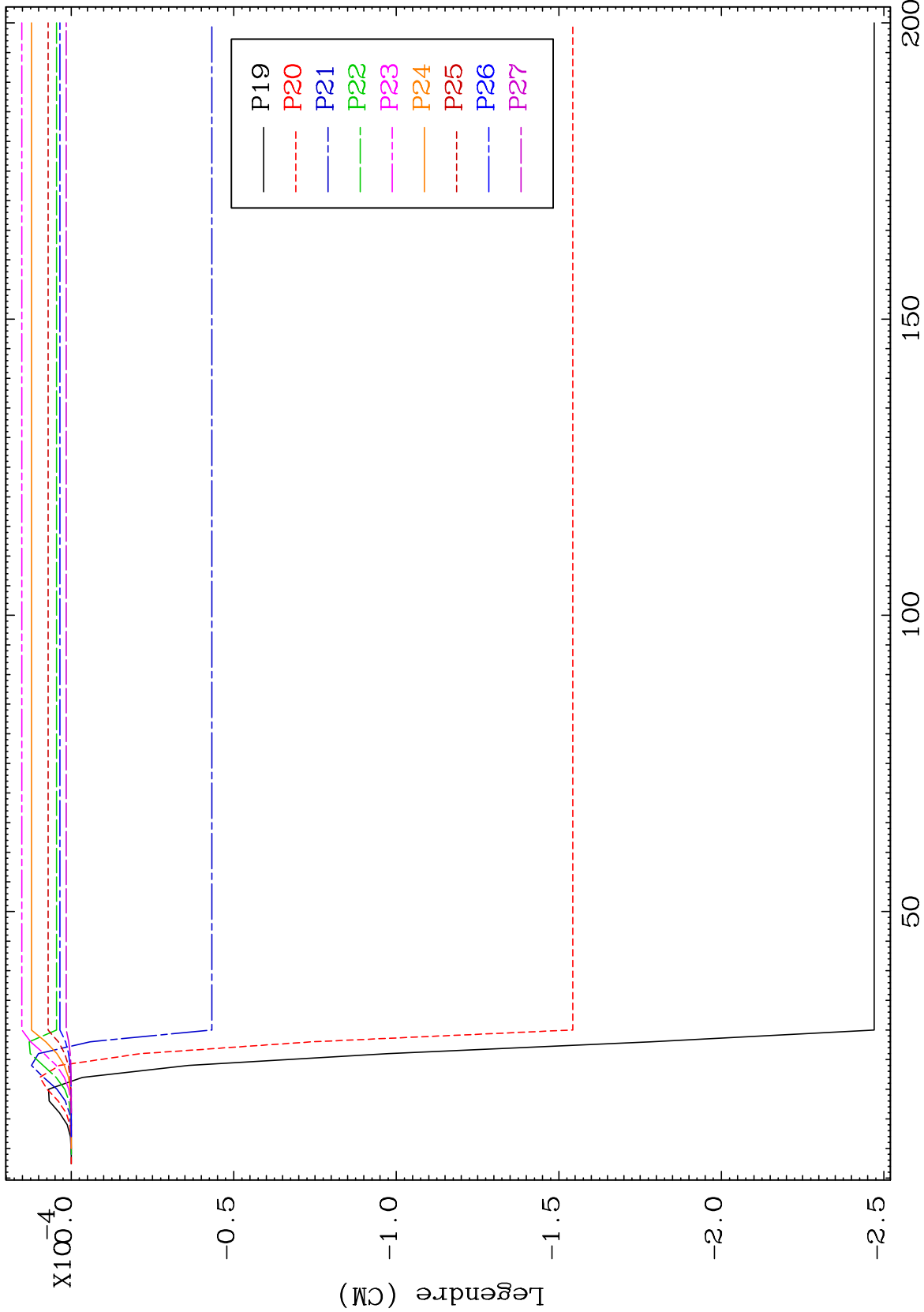
59-Pr-137



37

Incident Energy (MeV)

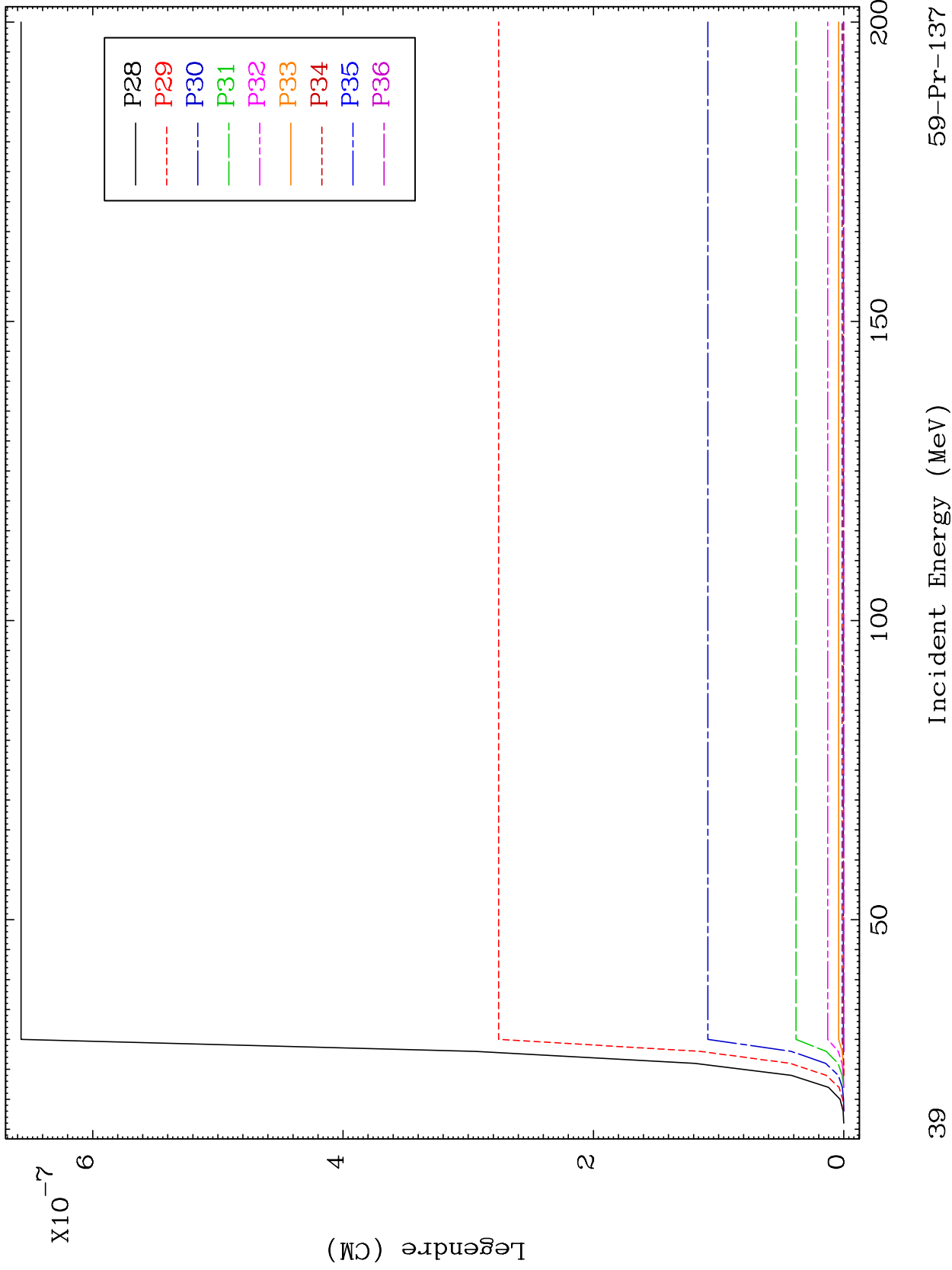
59-Pr-137



MAT 5913

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

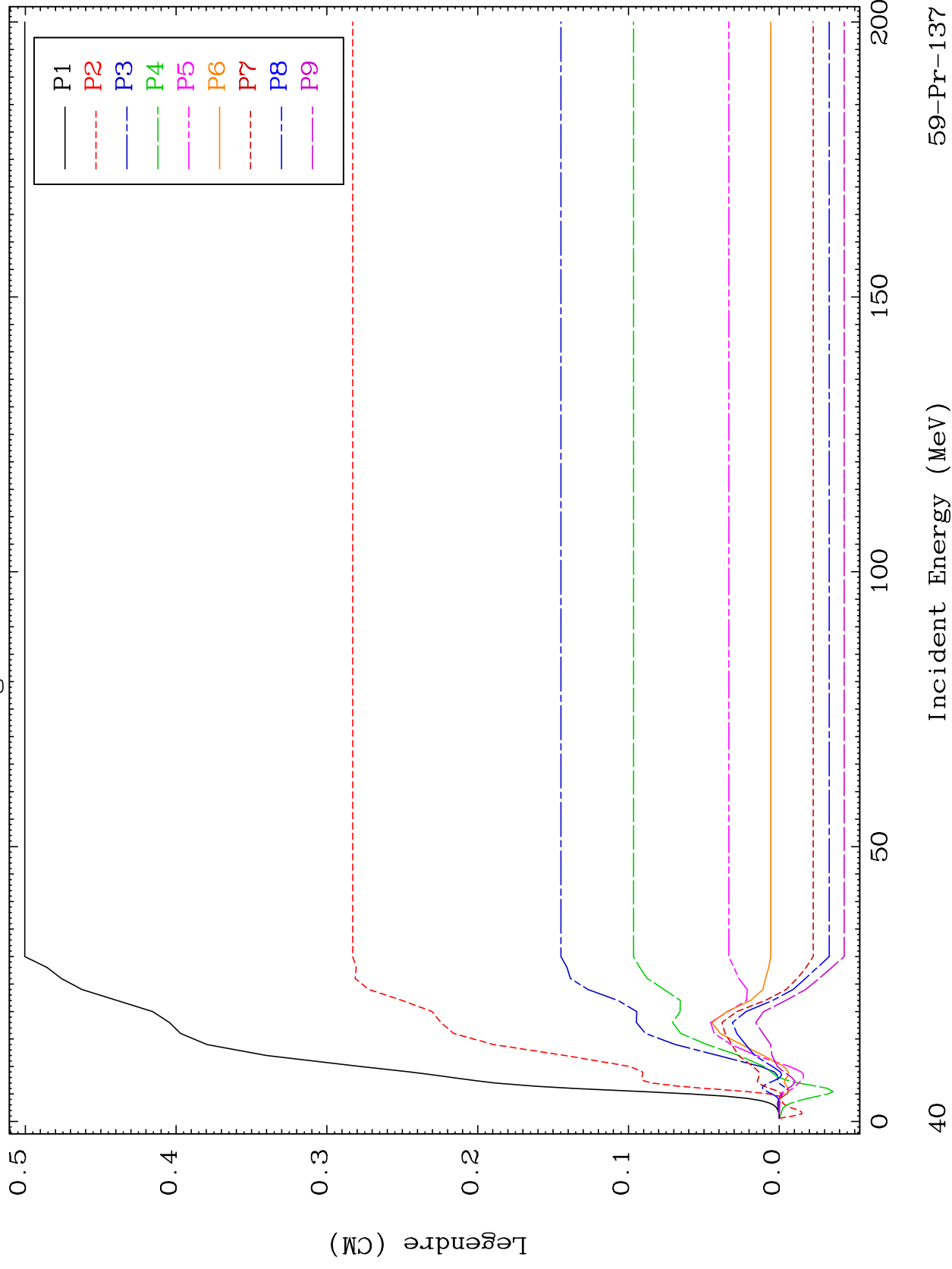
59-Pr-137



MAT 5913

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

59-Pr-137



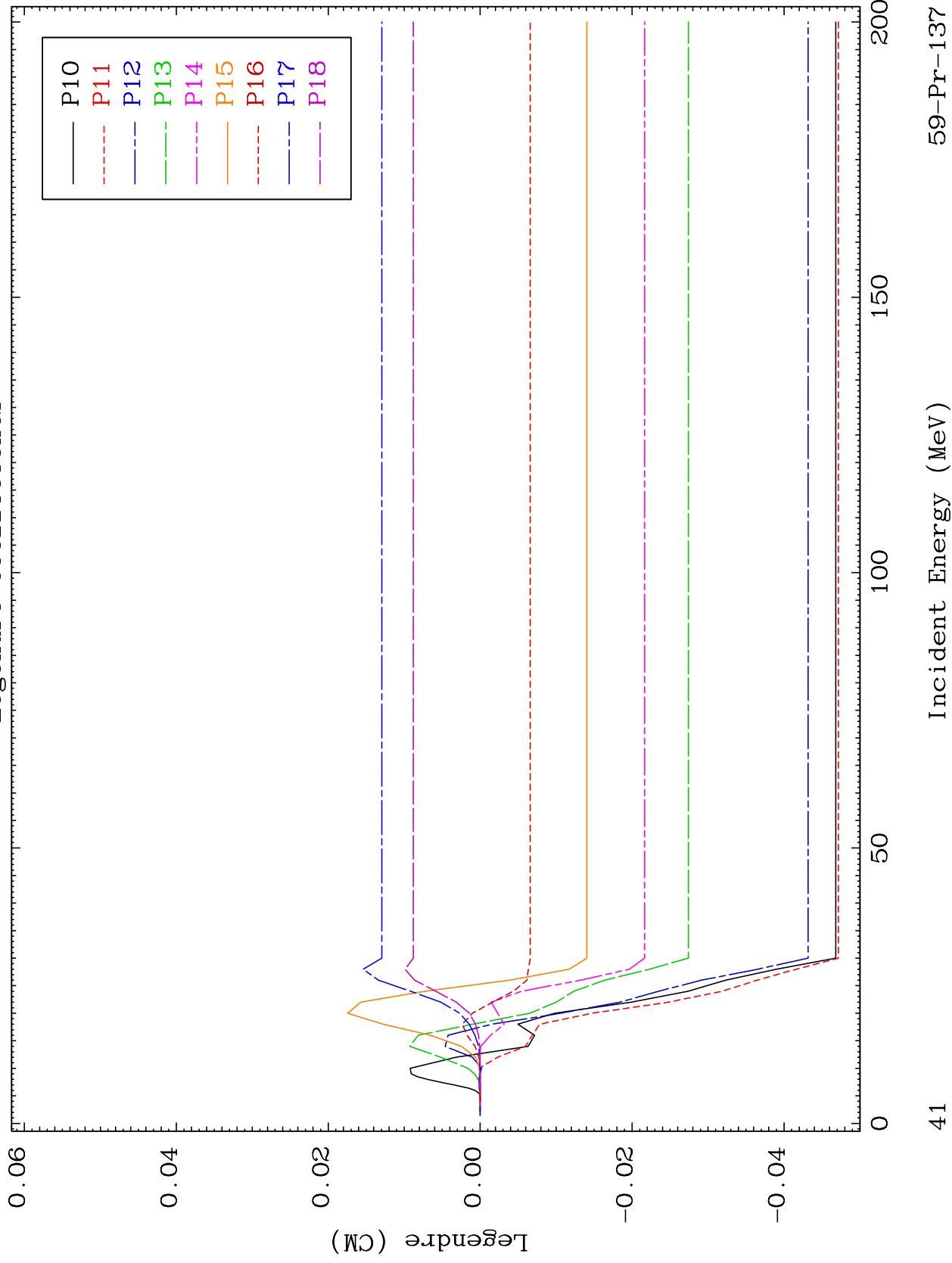
59-Pr-137

Incident Energy (MeV)

MAT 5913

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

59-Pr-137



41

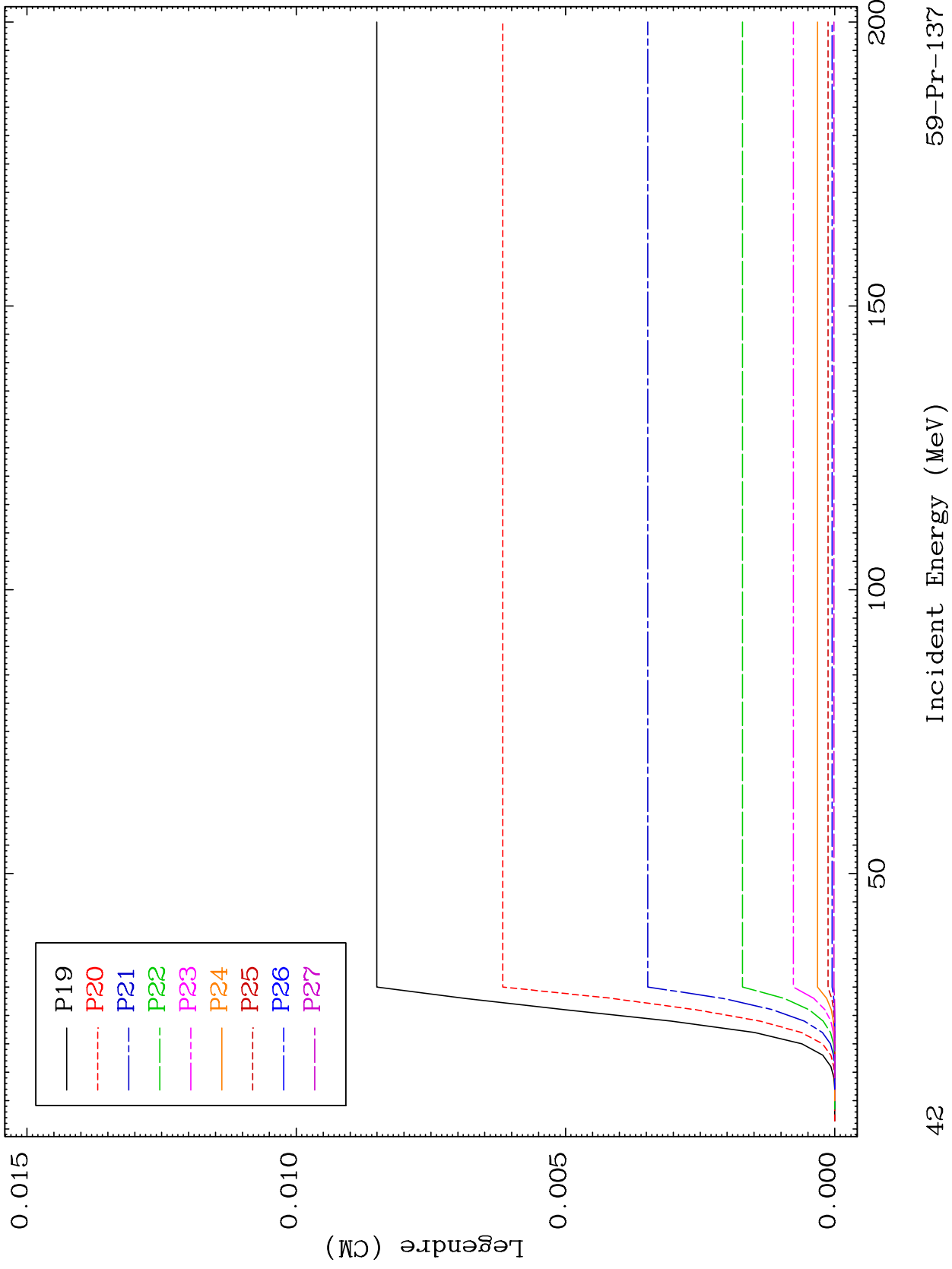
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



42

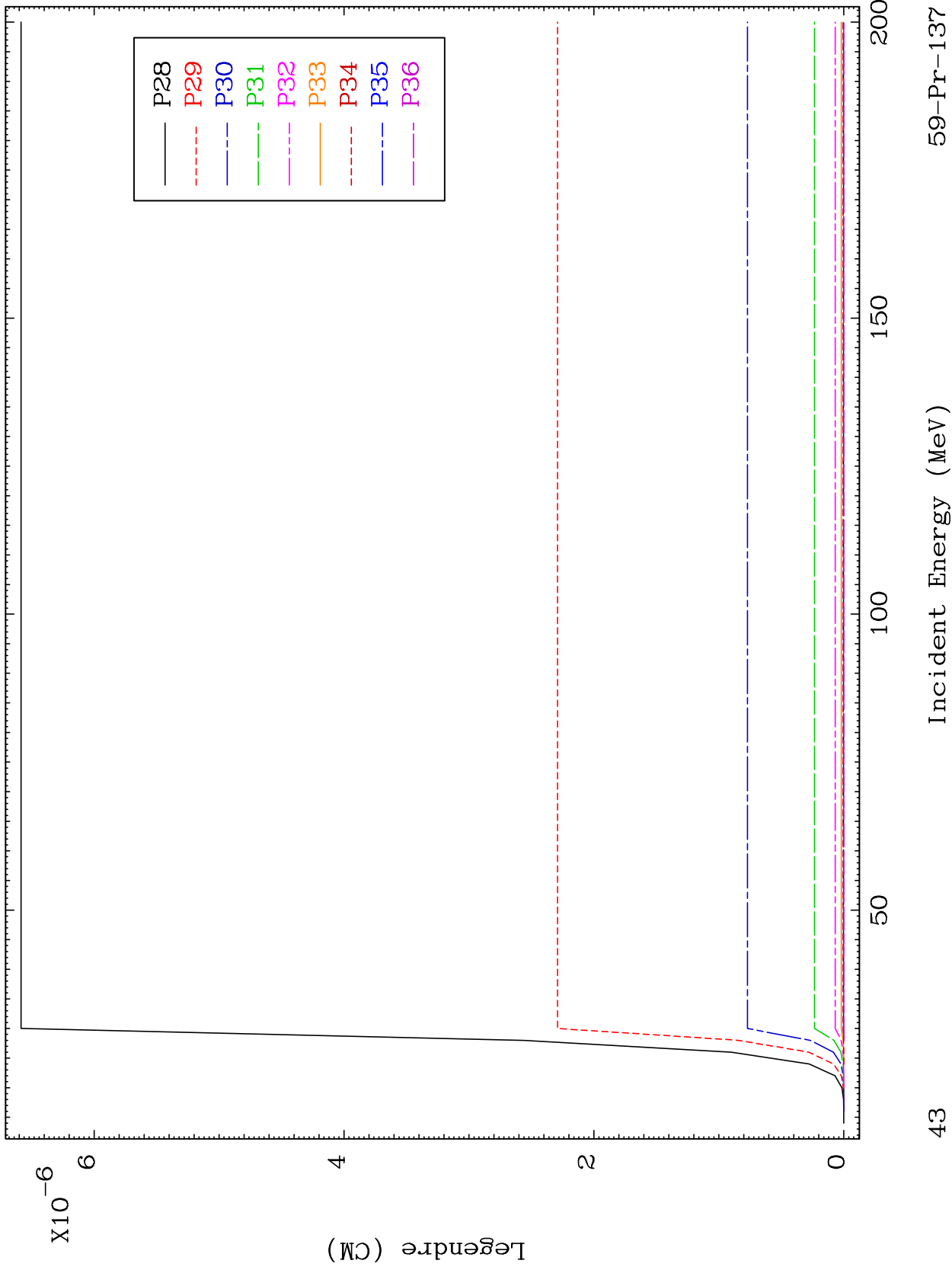
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



43

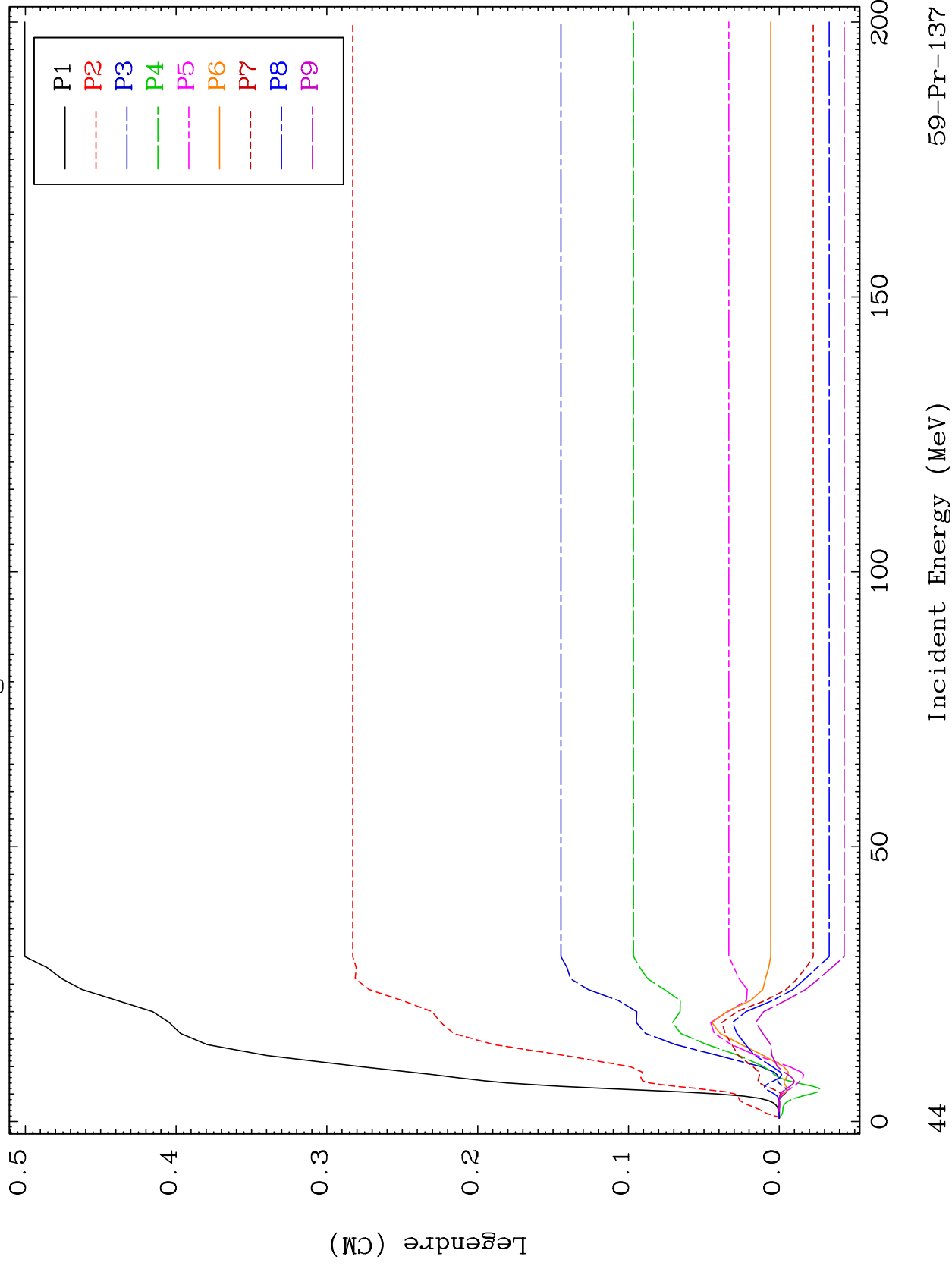
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

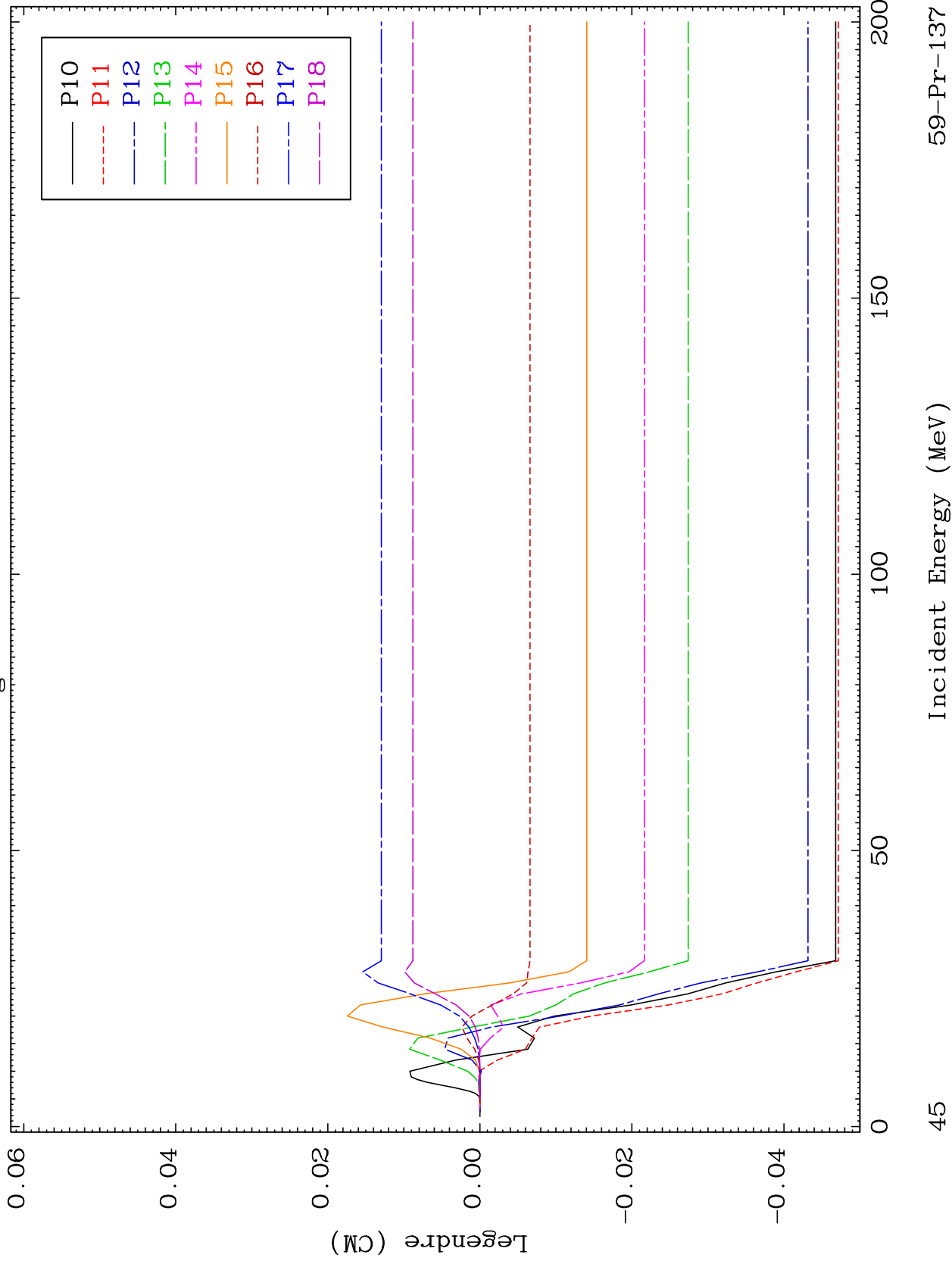
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

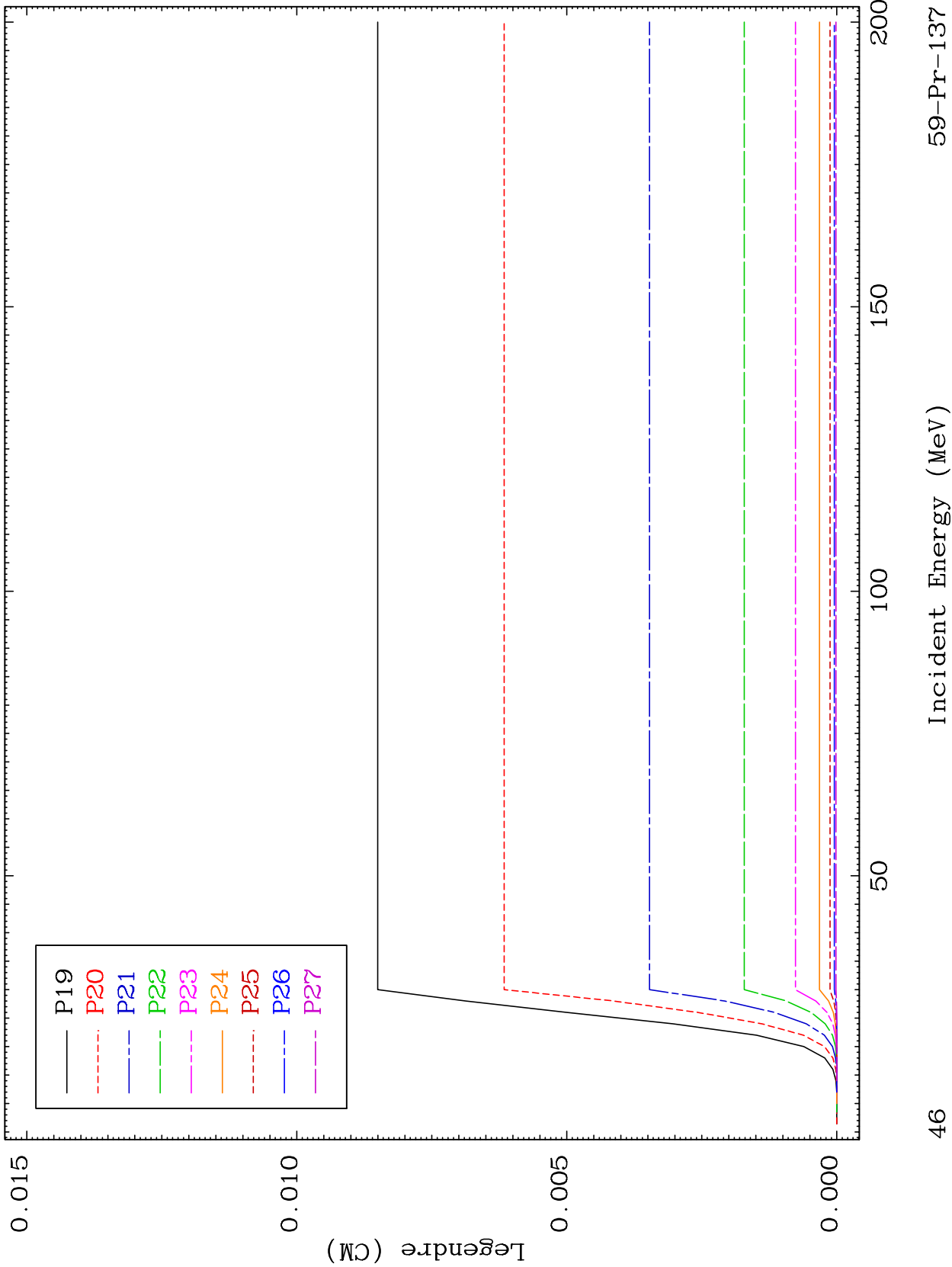
Incident Energy (MeV)

45

MAT 5913

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

59-Pr-137



46

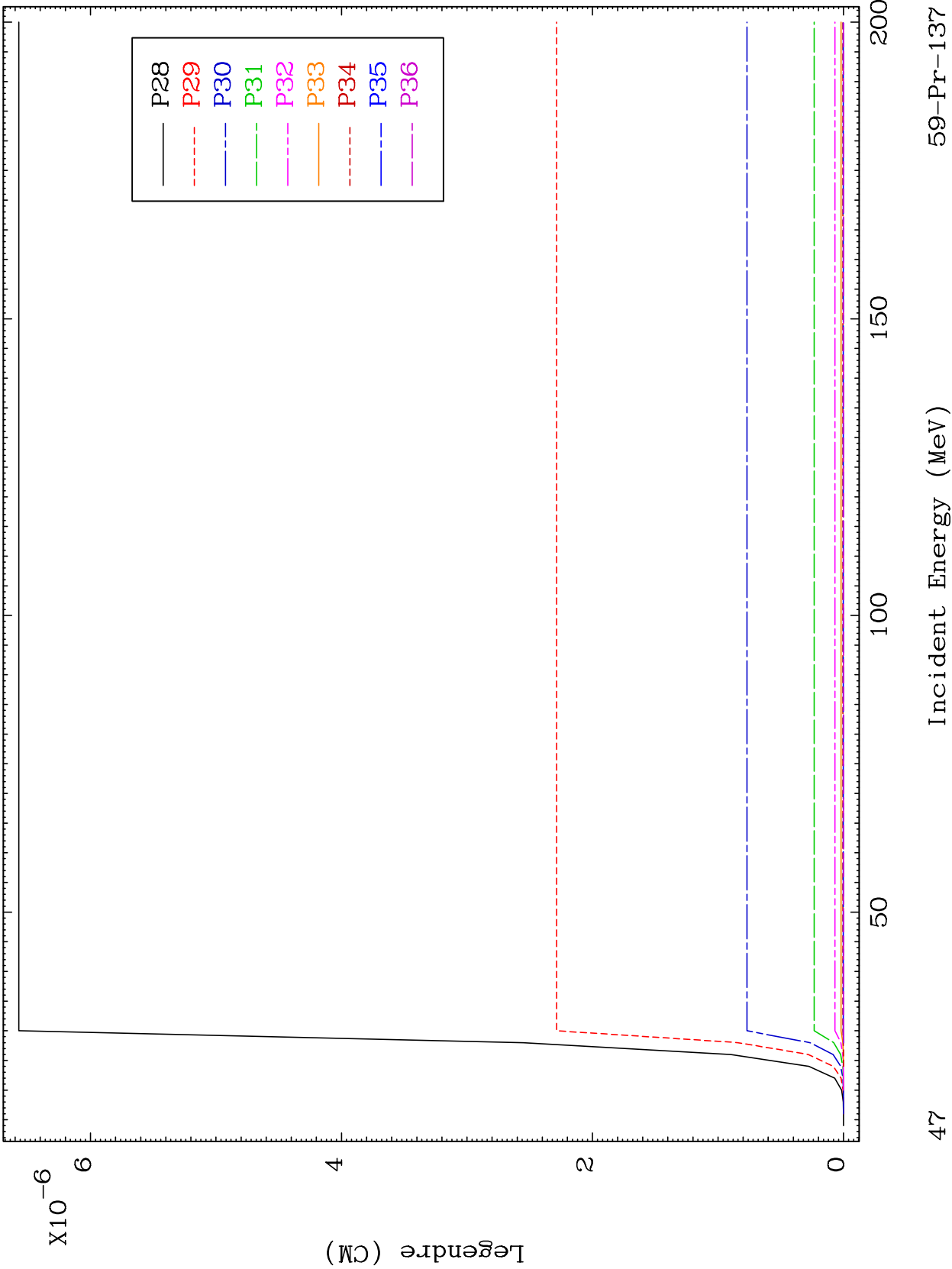
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



47

Incident Energy (MeV)

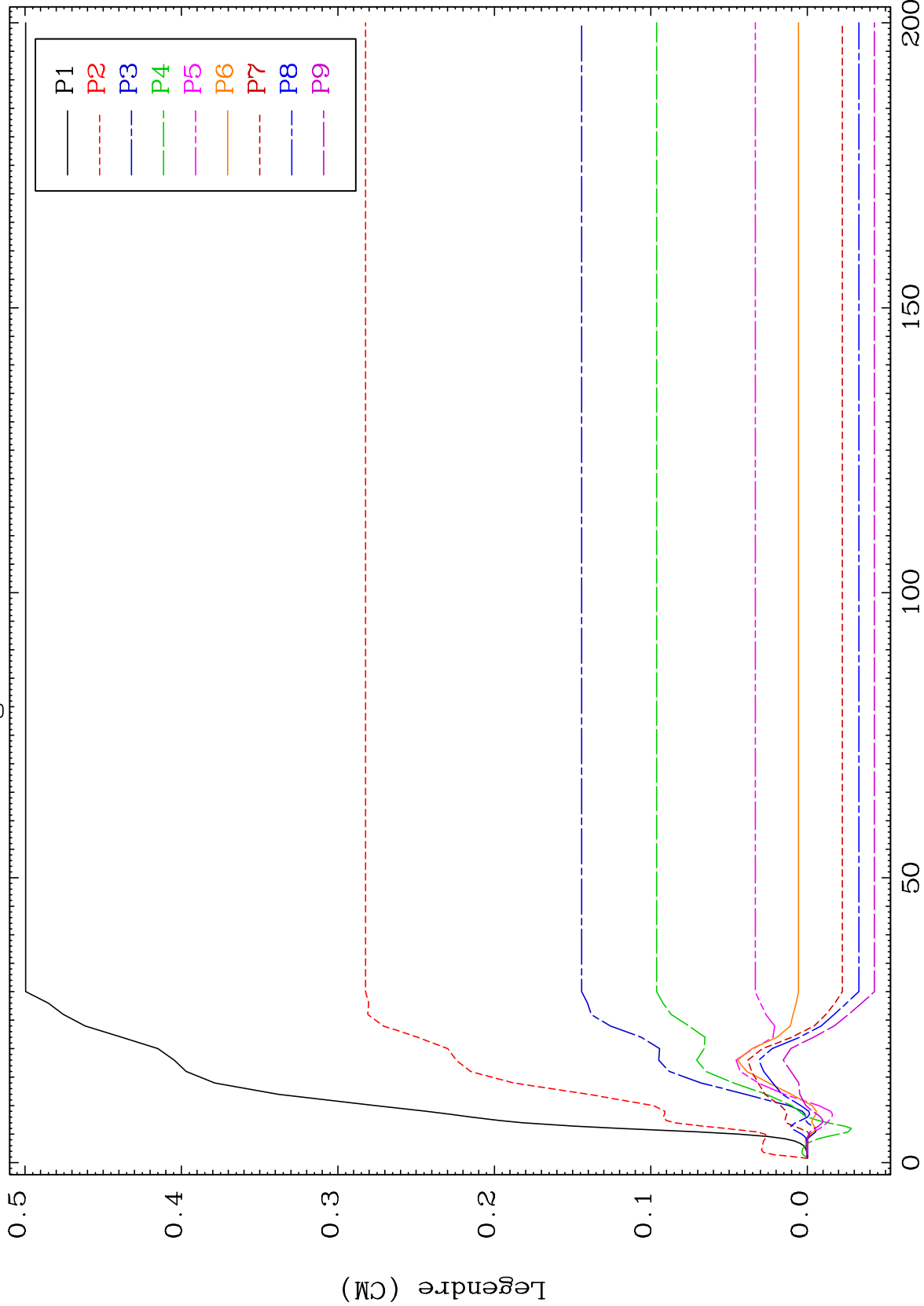
59-Pr-137

MAT 5913

MT= 58 (n,n') Level

59-Pr-137

Legendre Coefficients



48

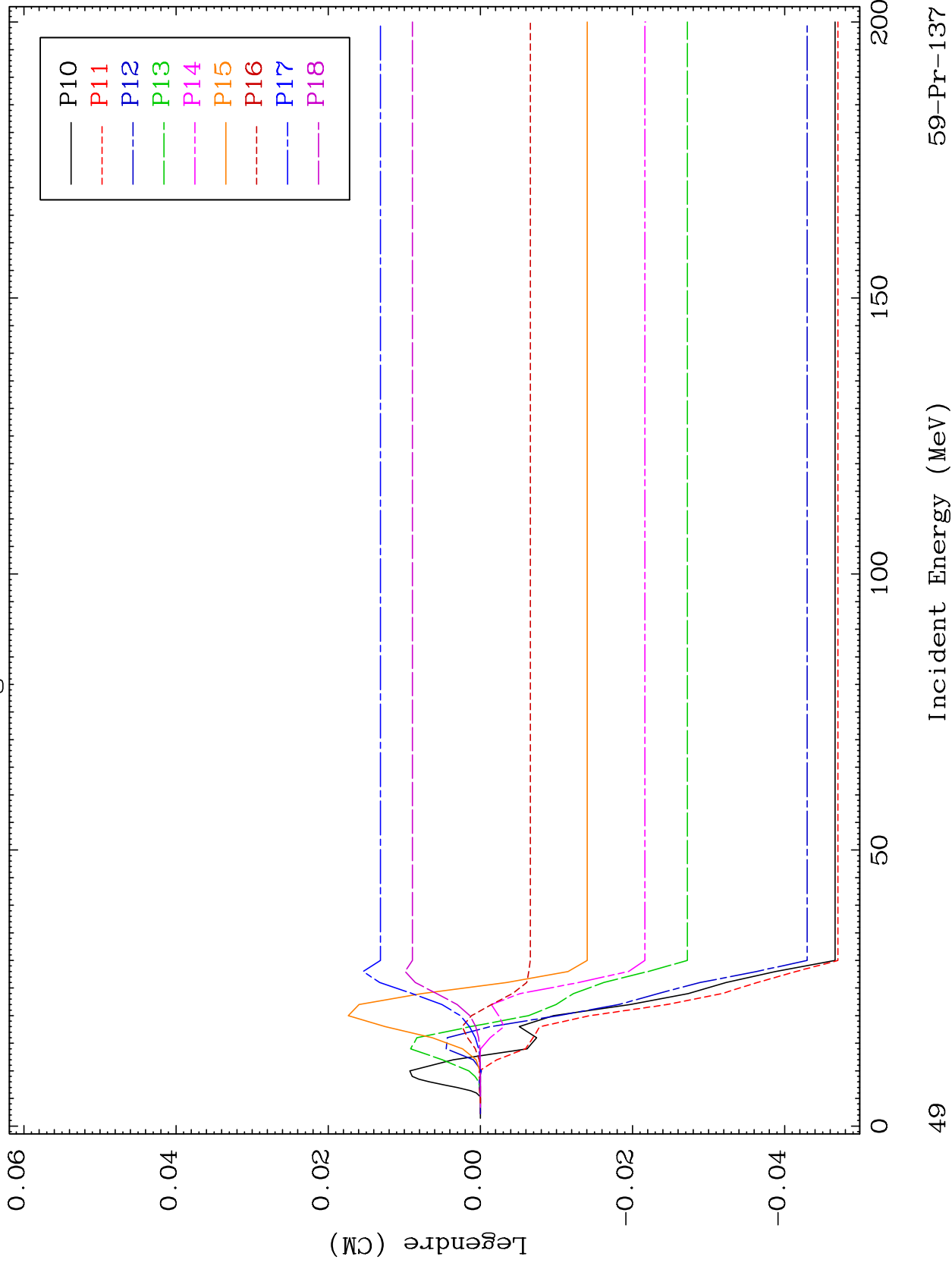
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

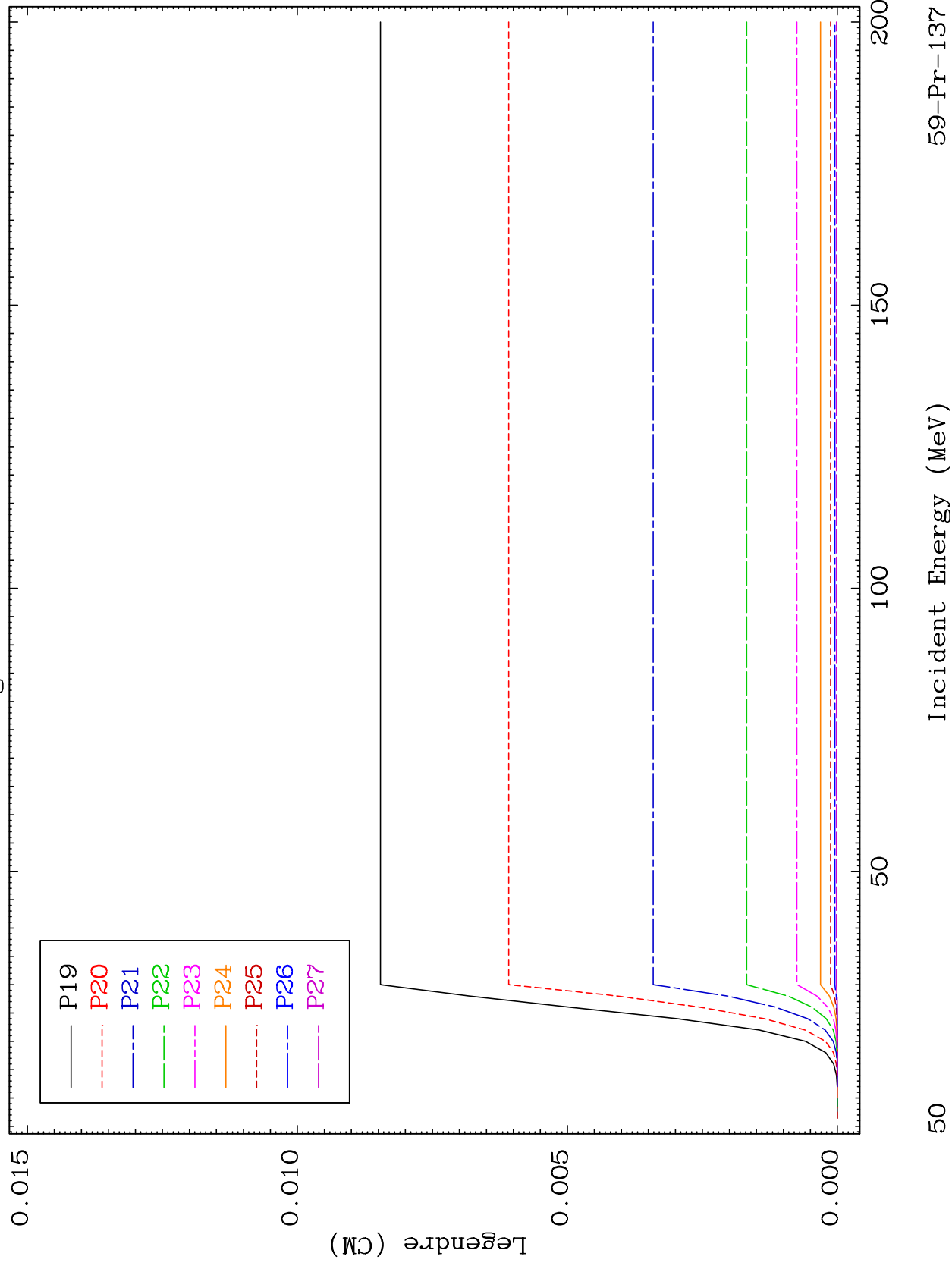
Incident Energy (MeV)

49

MAT 5913

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

59-Pr-137



59-Pr-137

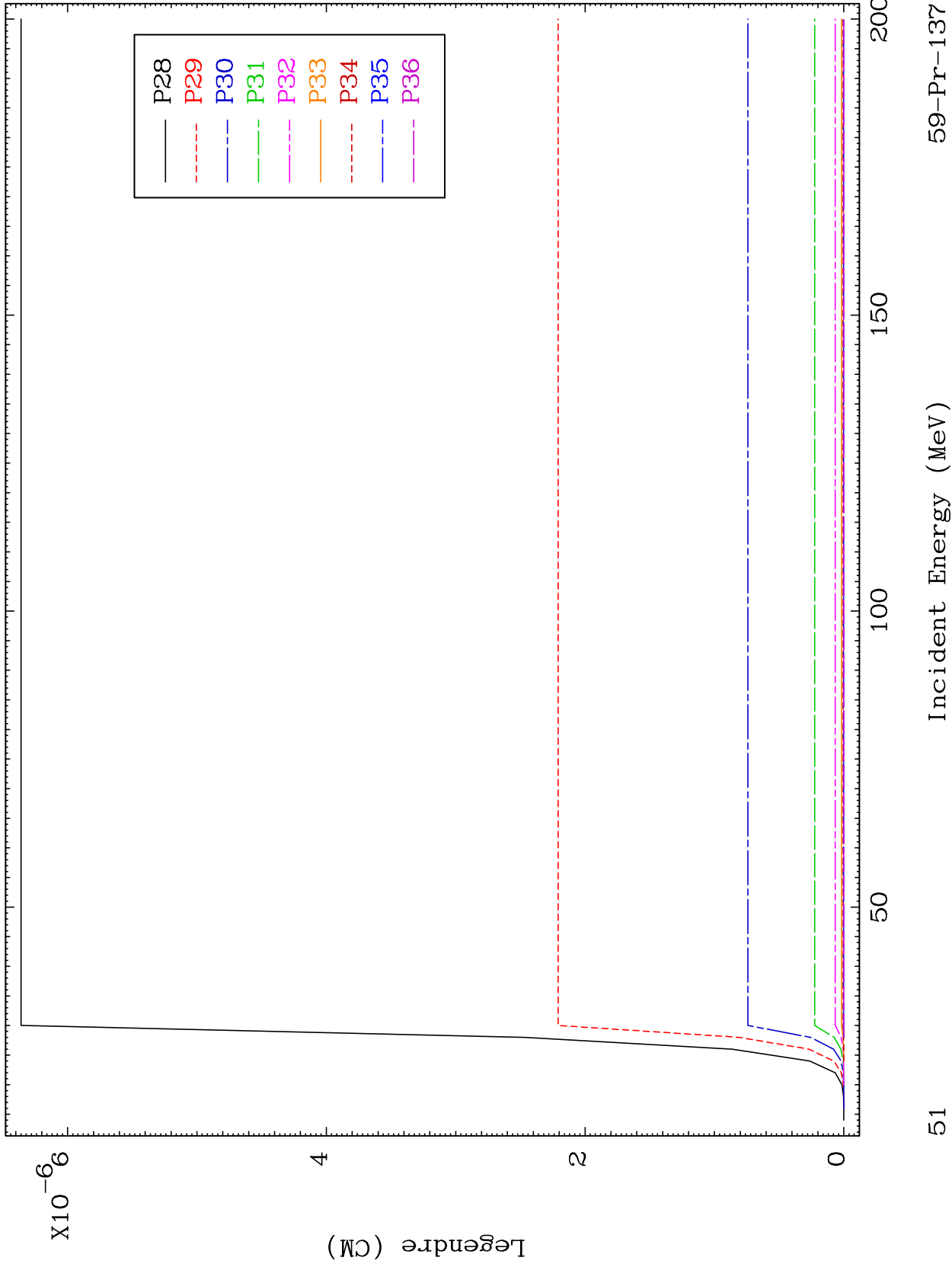
Incident Energy (MeV)

50

MAT 5913

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

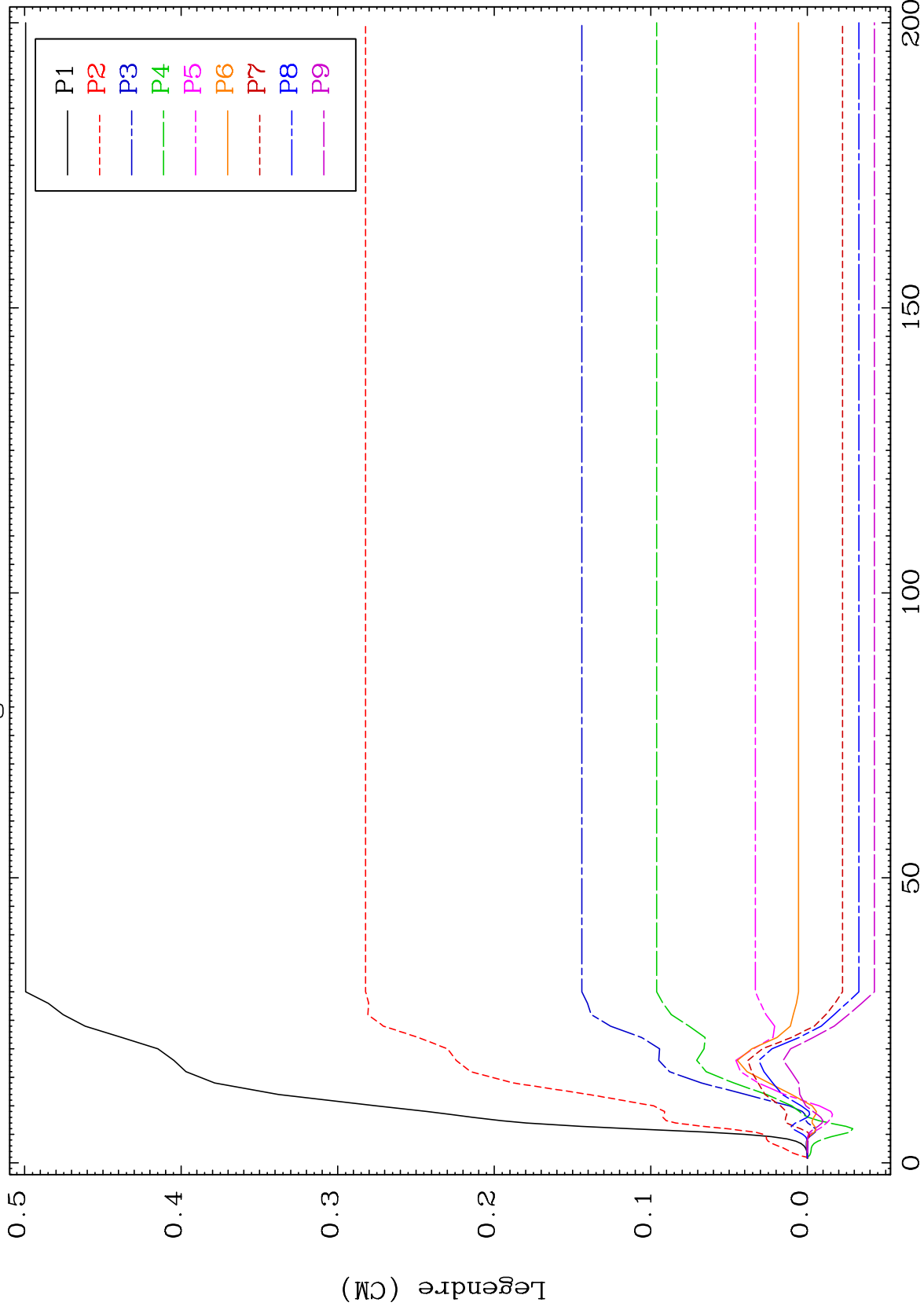
59-Pr-137



MAT 5913

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

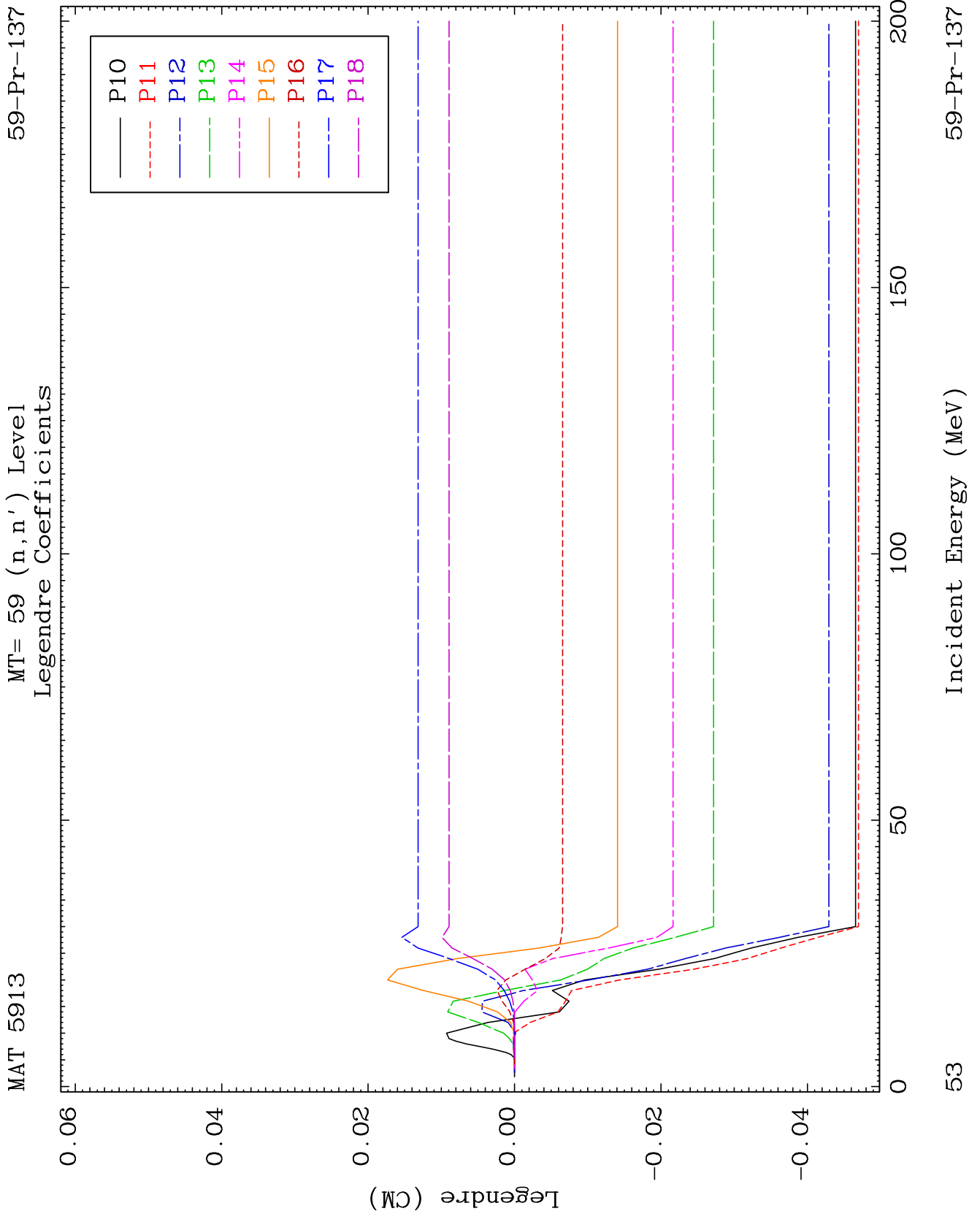
59-Pr-137



59-Pr-137

Incident Energy (MeV)

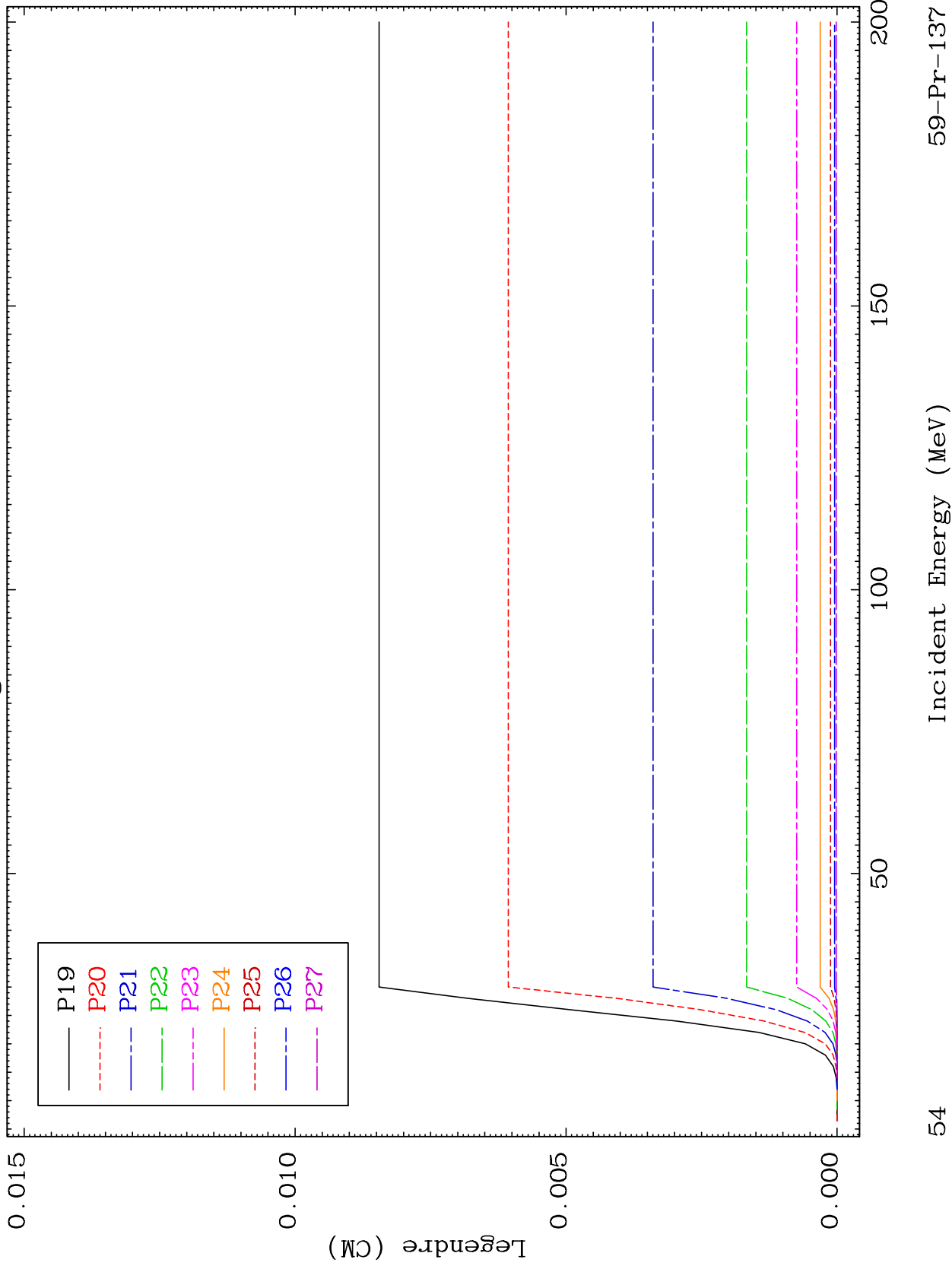
52



MAT 5913

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

59-Pr-137



54

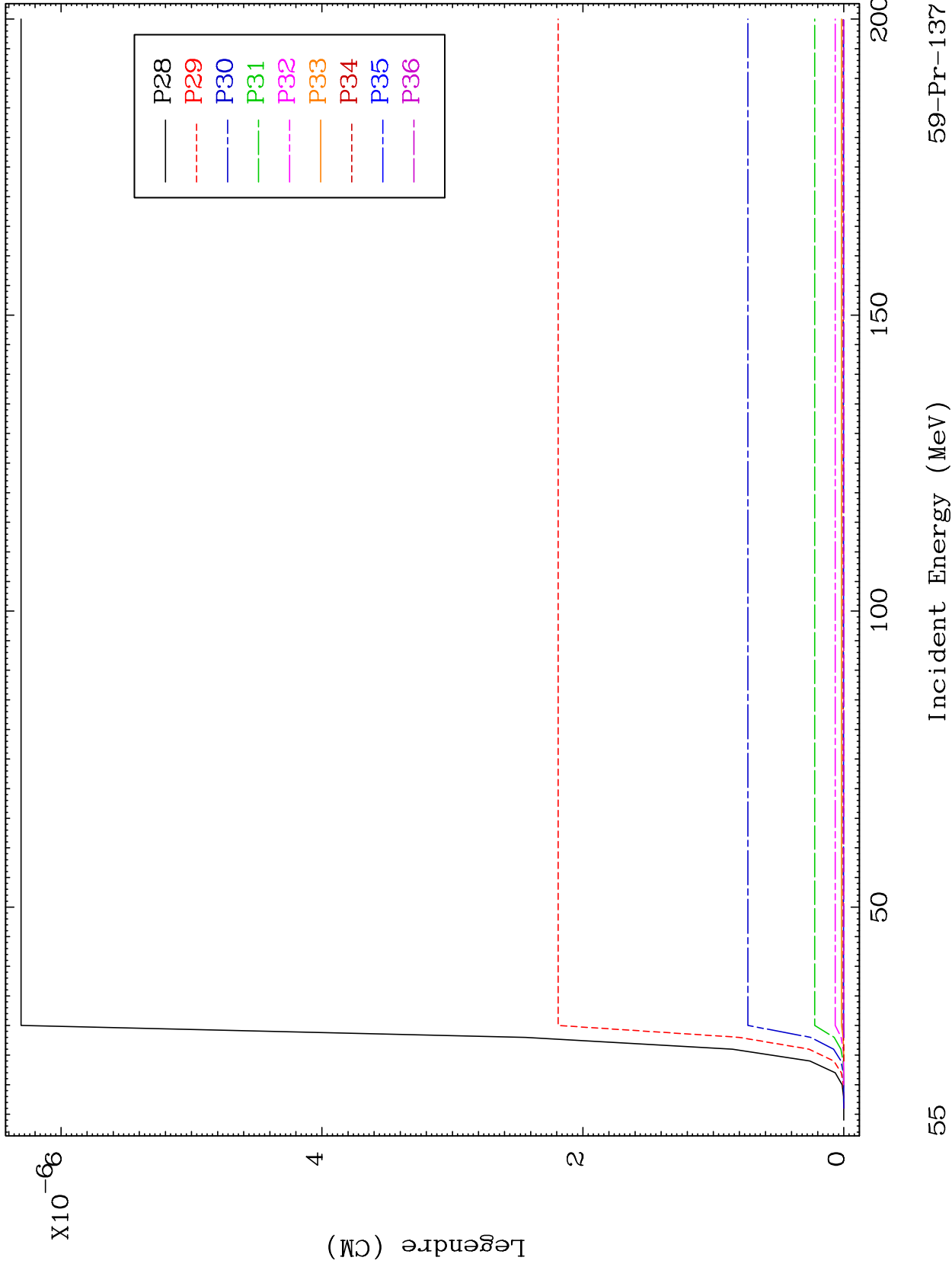
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

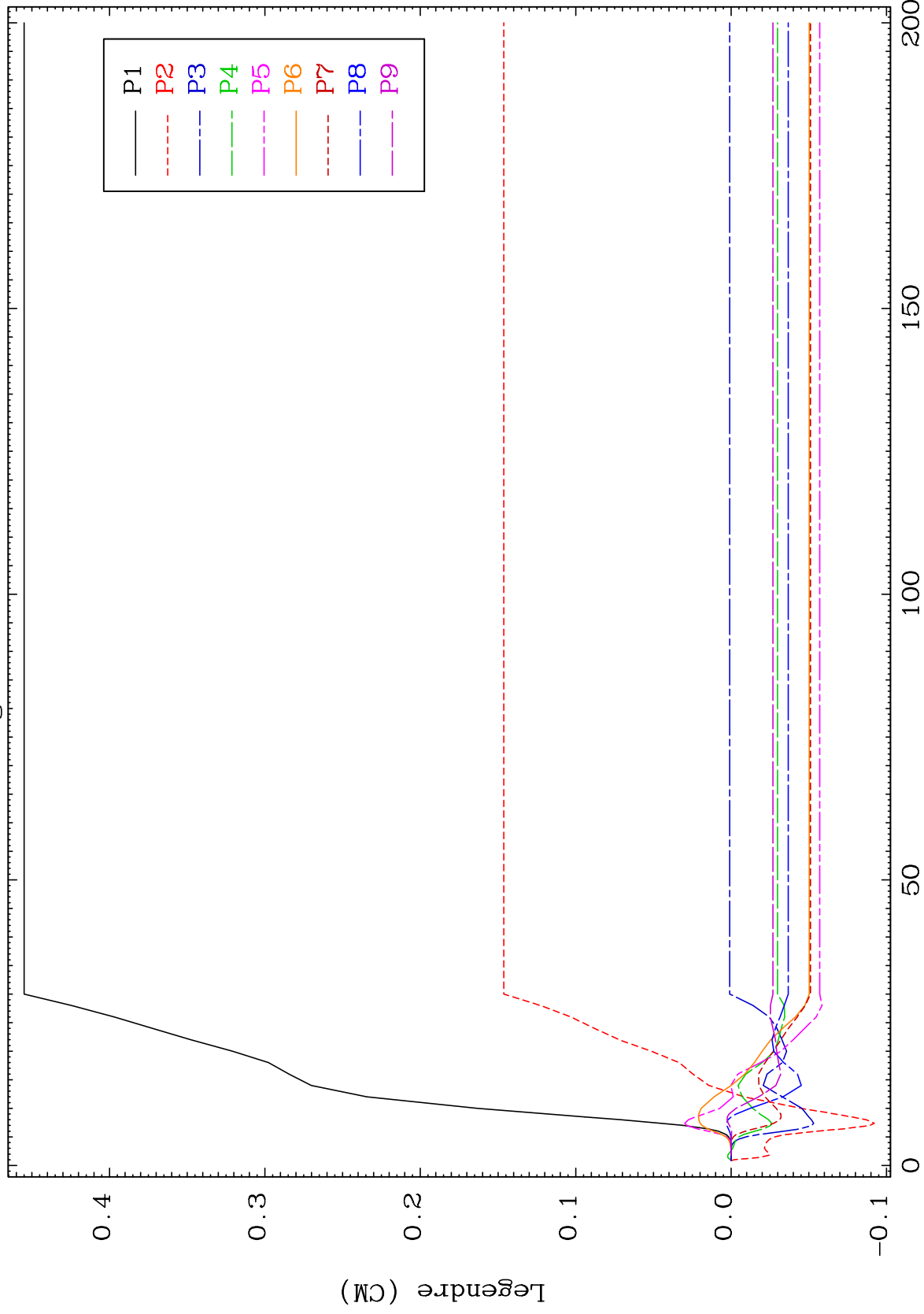
59-Pr-137



MAT 5913

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

59-Pr-137



56

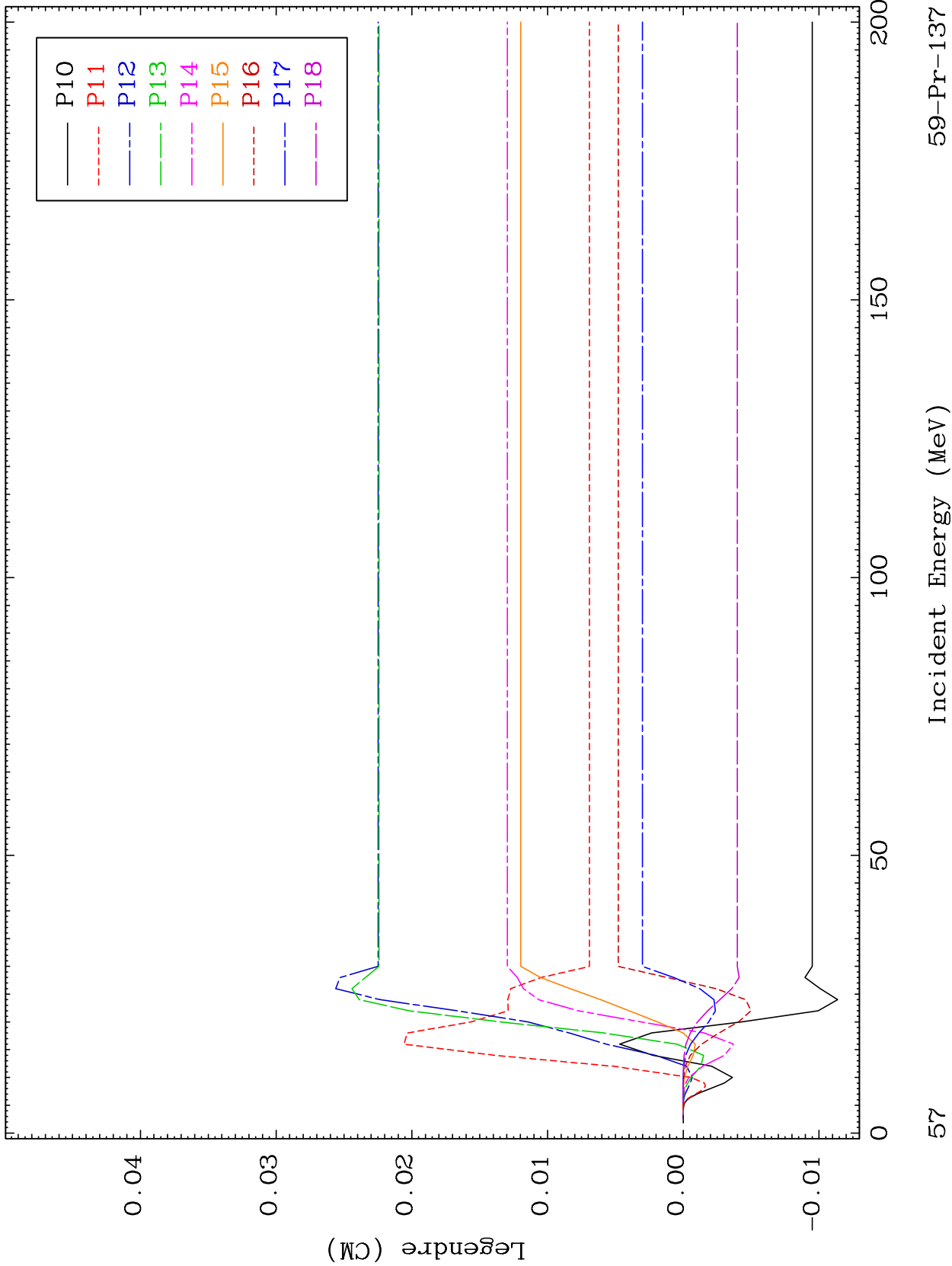
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

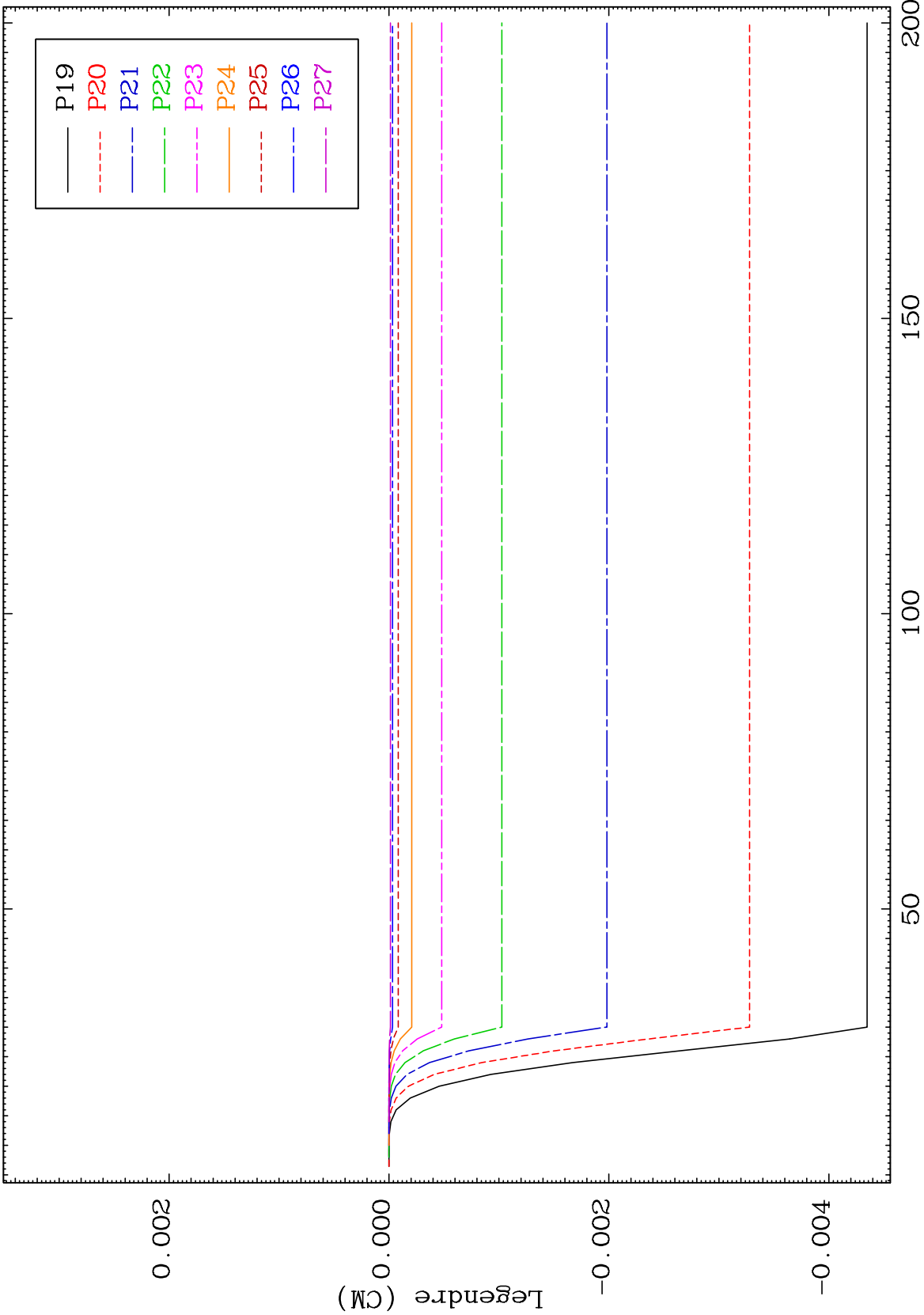
59-Pr-137

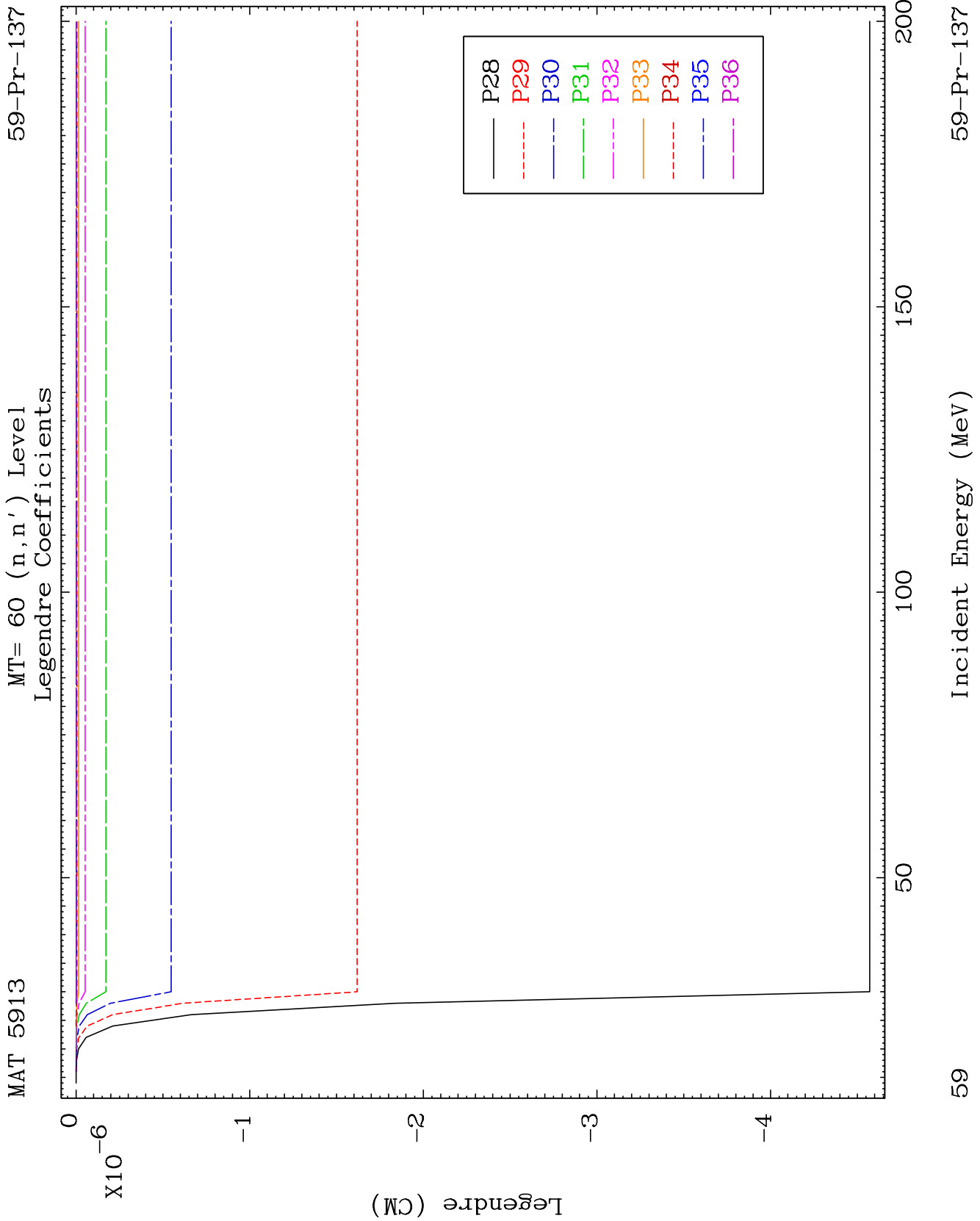


57

Incident Energy (MeV)

59-Pr-137

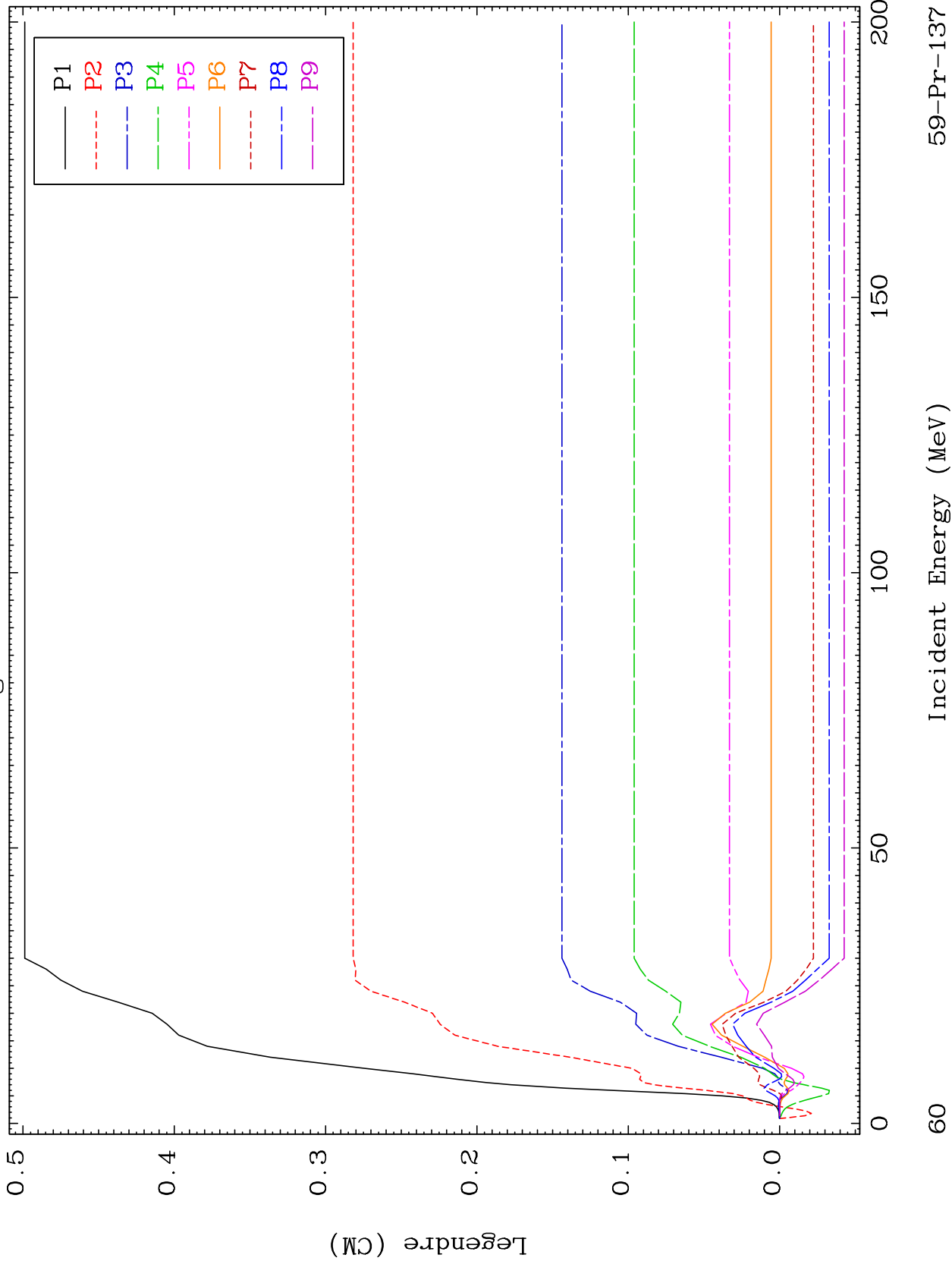




MAT 5913

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

59-Pr-137



59-Pr-137

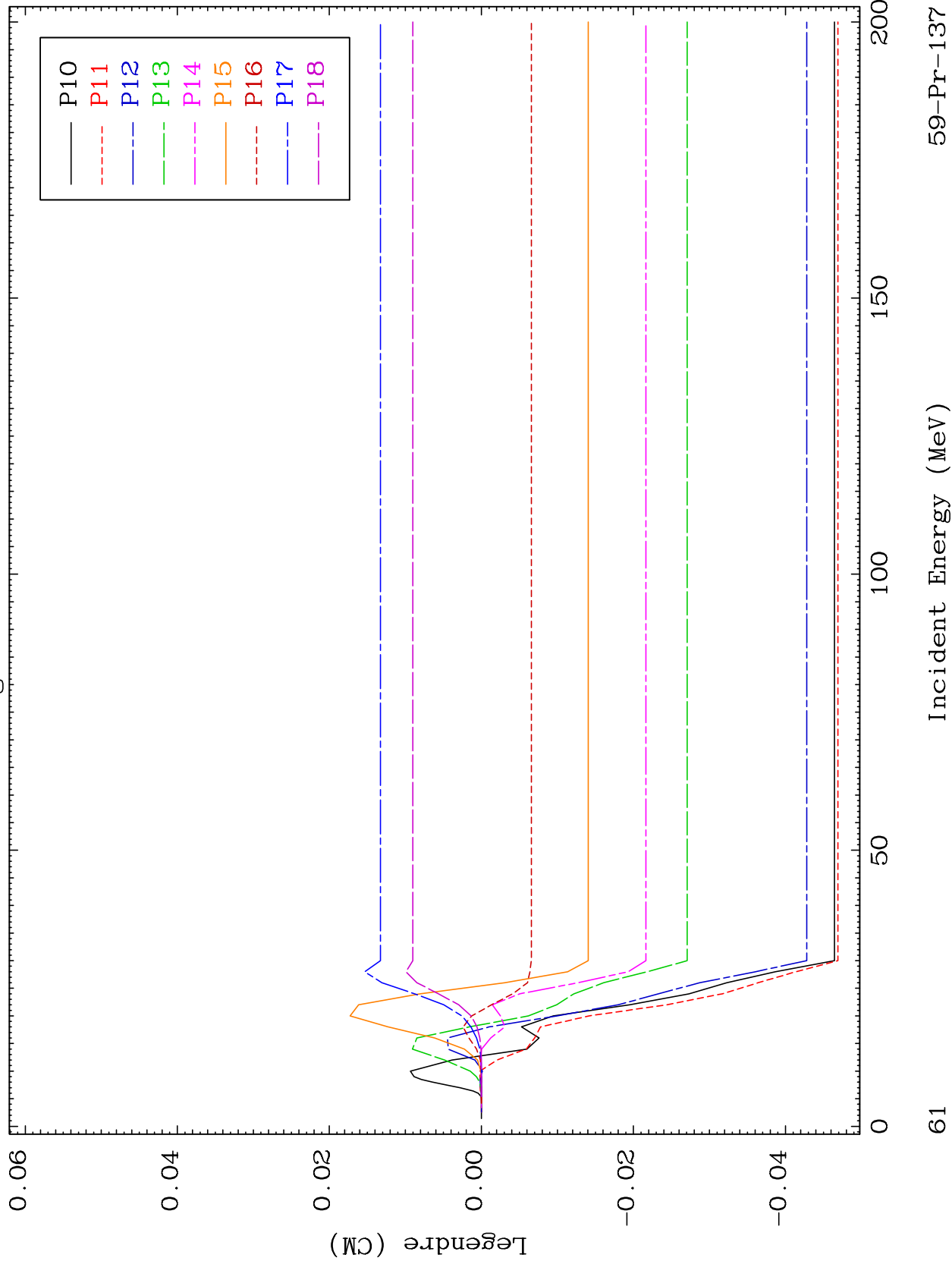
Incident Energy (MeV)

60

MAT 5913

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

59-Pr-137



59-Pr-137

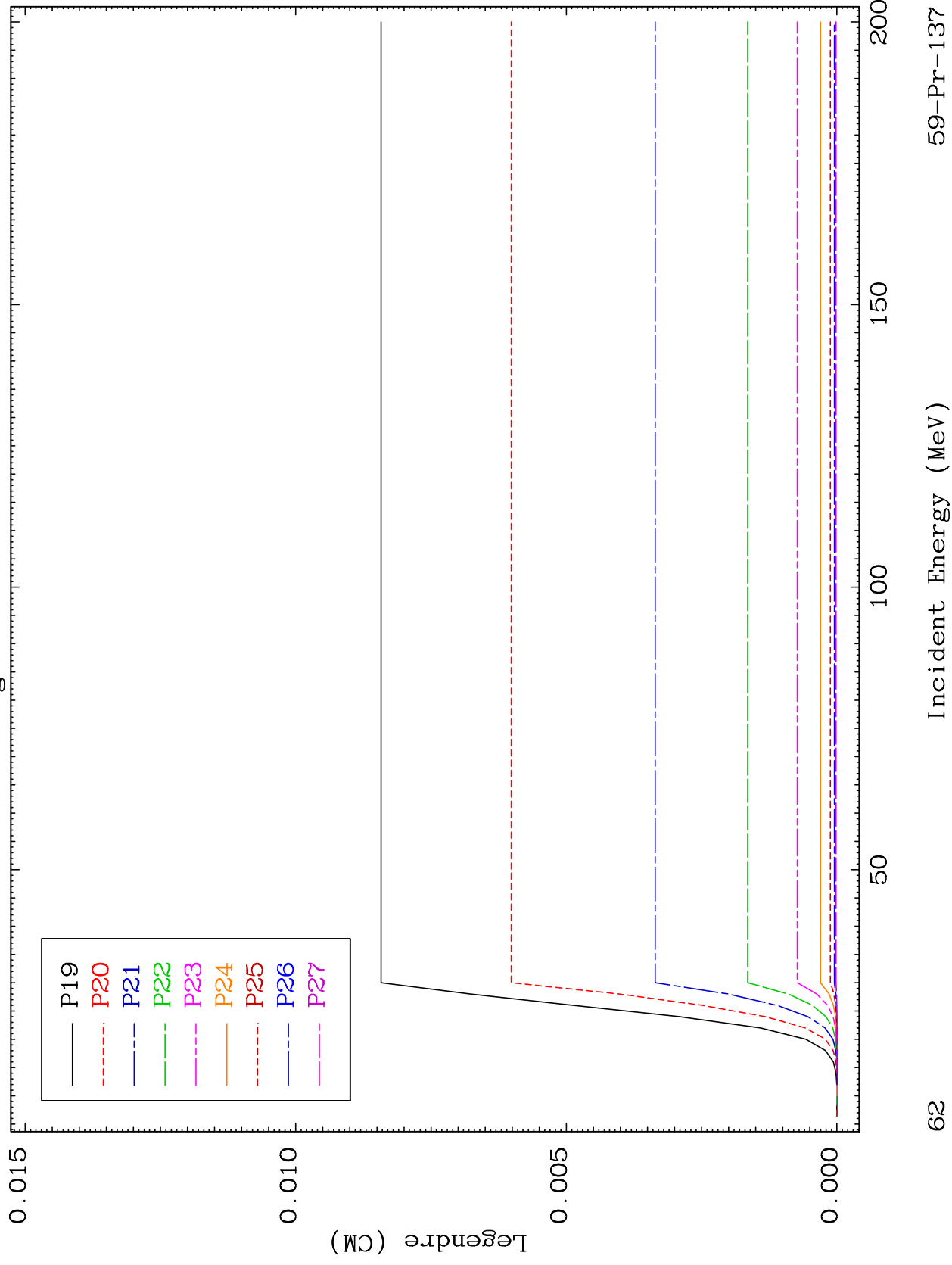
Incident Energy (MeV)

61

MAT 5913

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

59-Pr-137



62

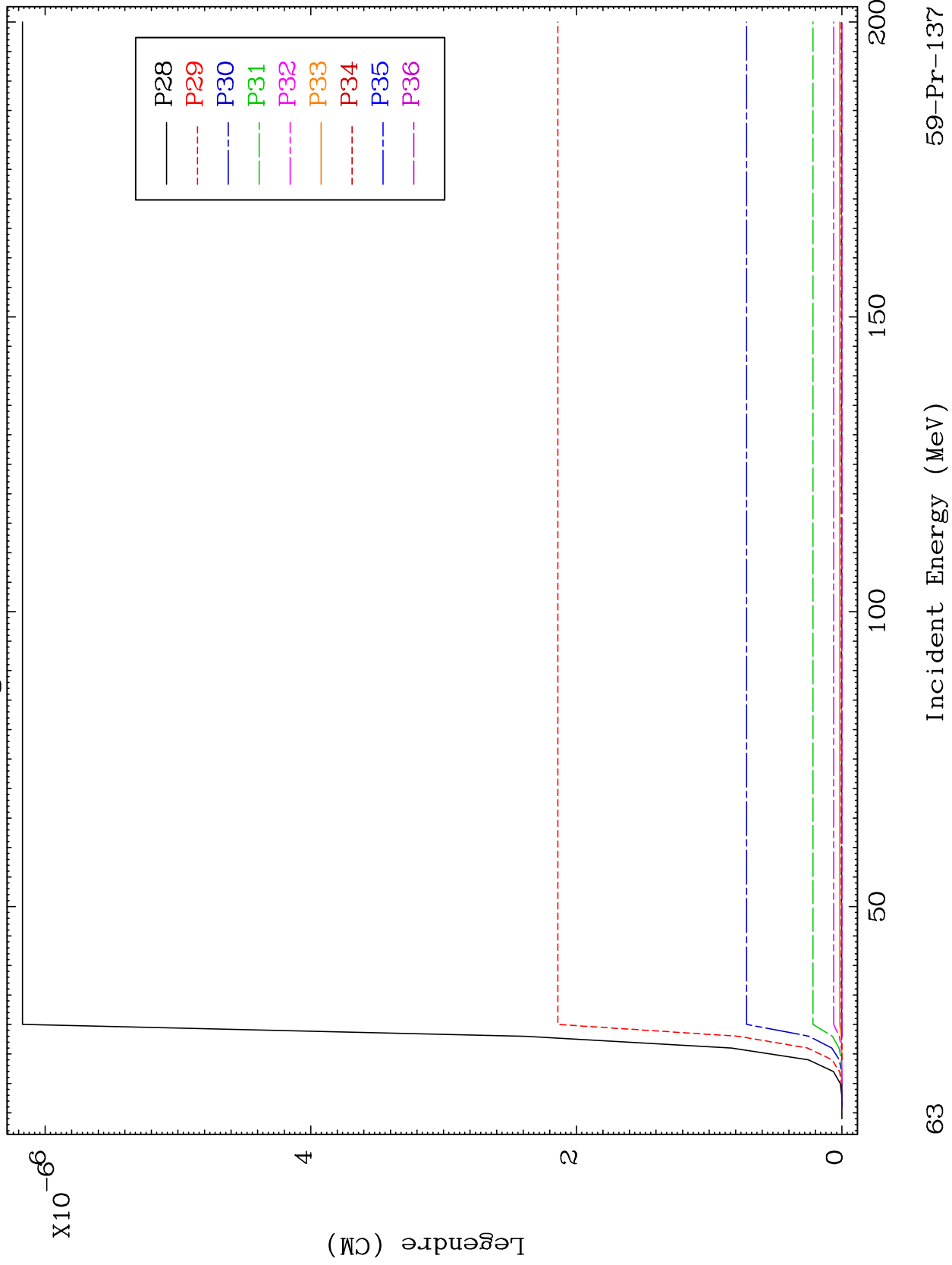
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137

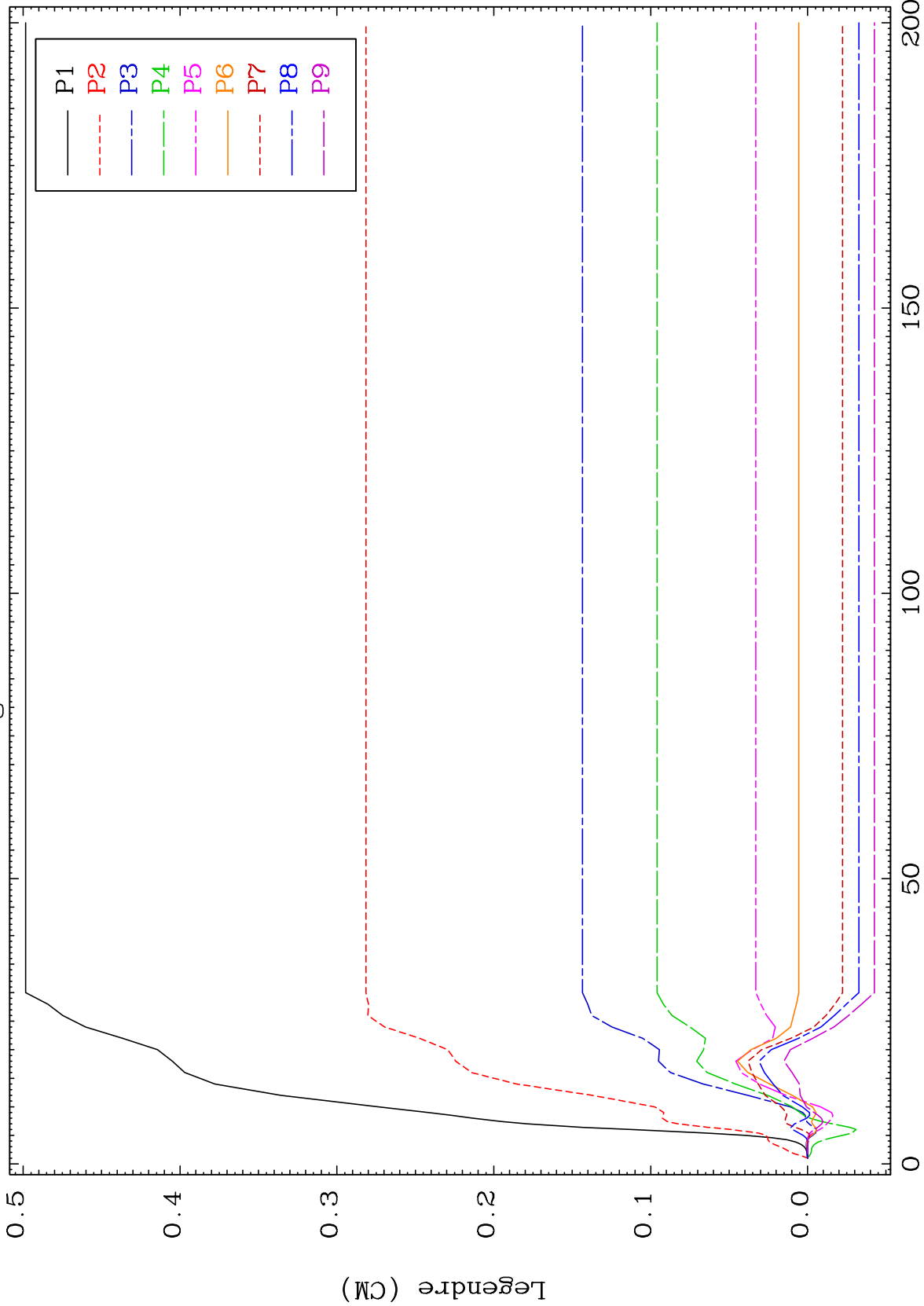


MAT 5913

MT= 62 (n,n') Level

59-Pr-137

Legendre Coefficients



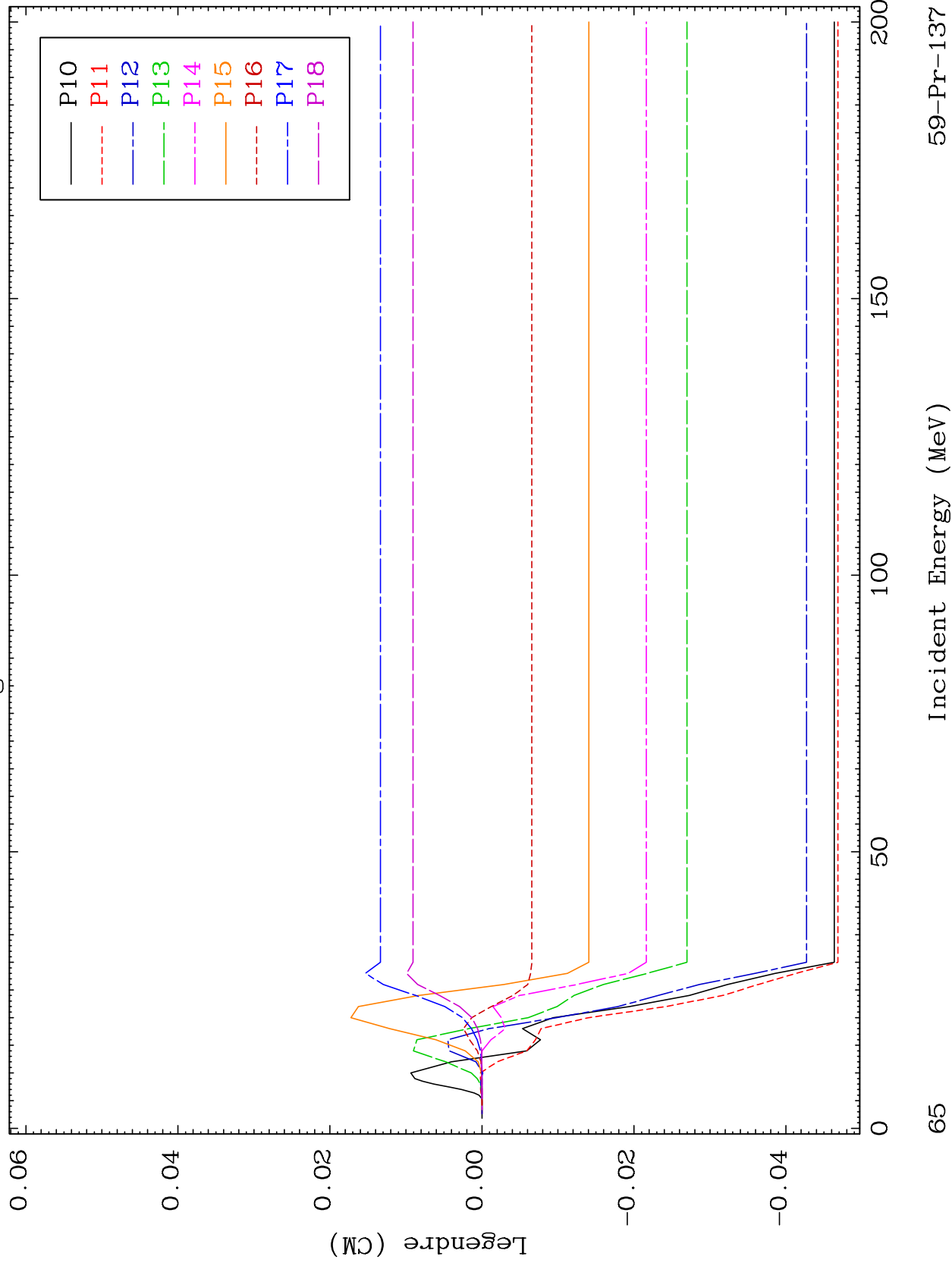
64

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

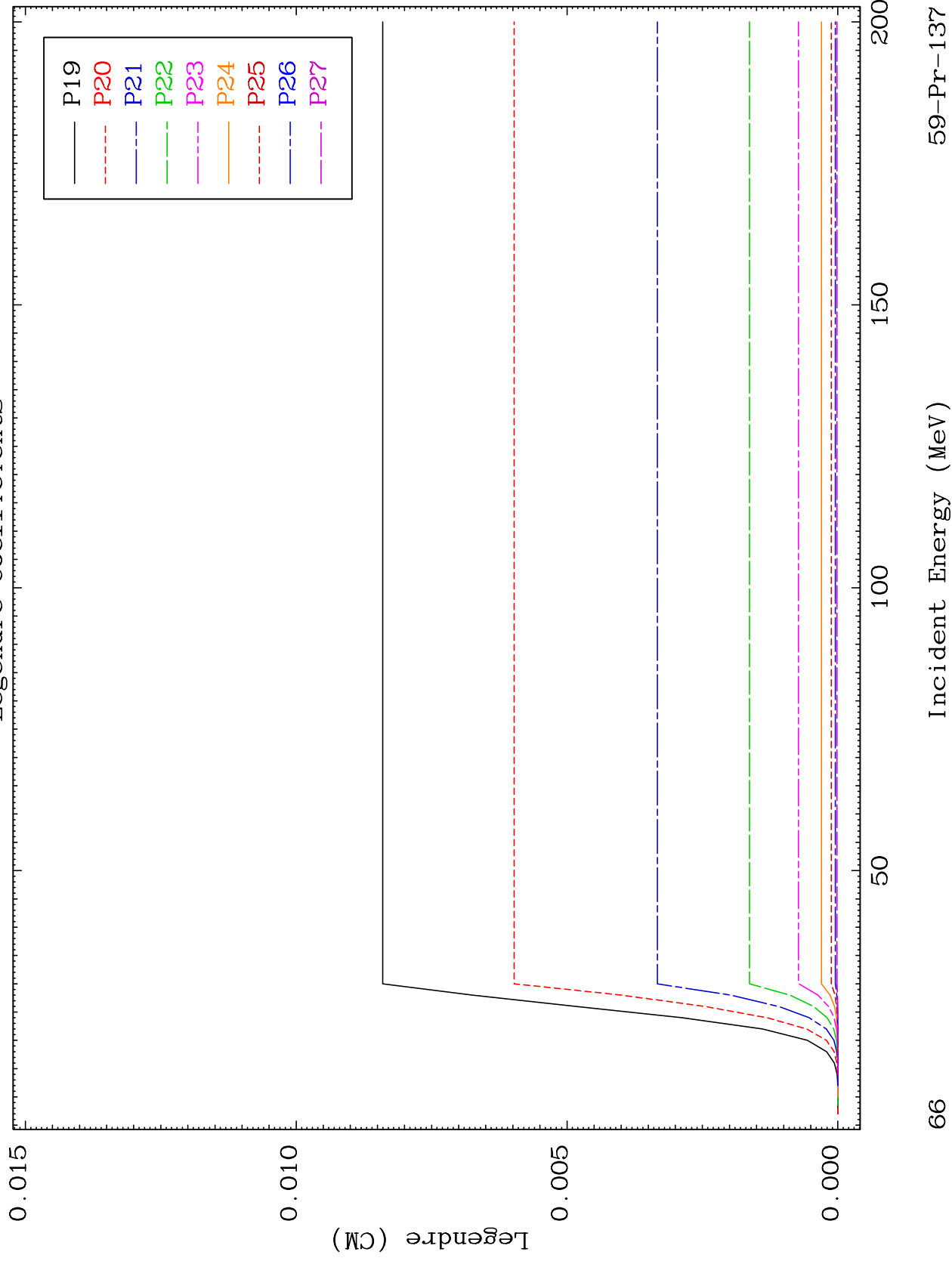
Incident Energy (MeV)

65

MAT 5913

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

59-Pr-137



66

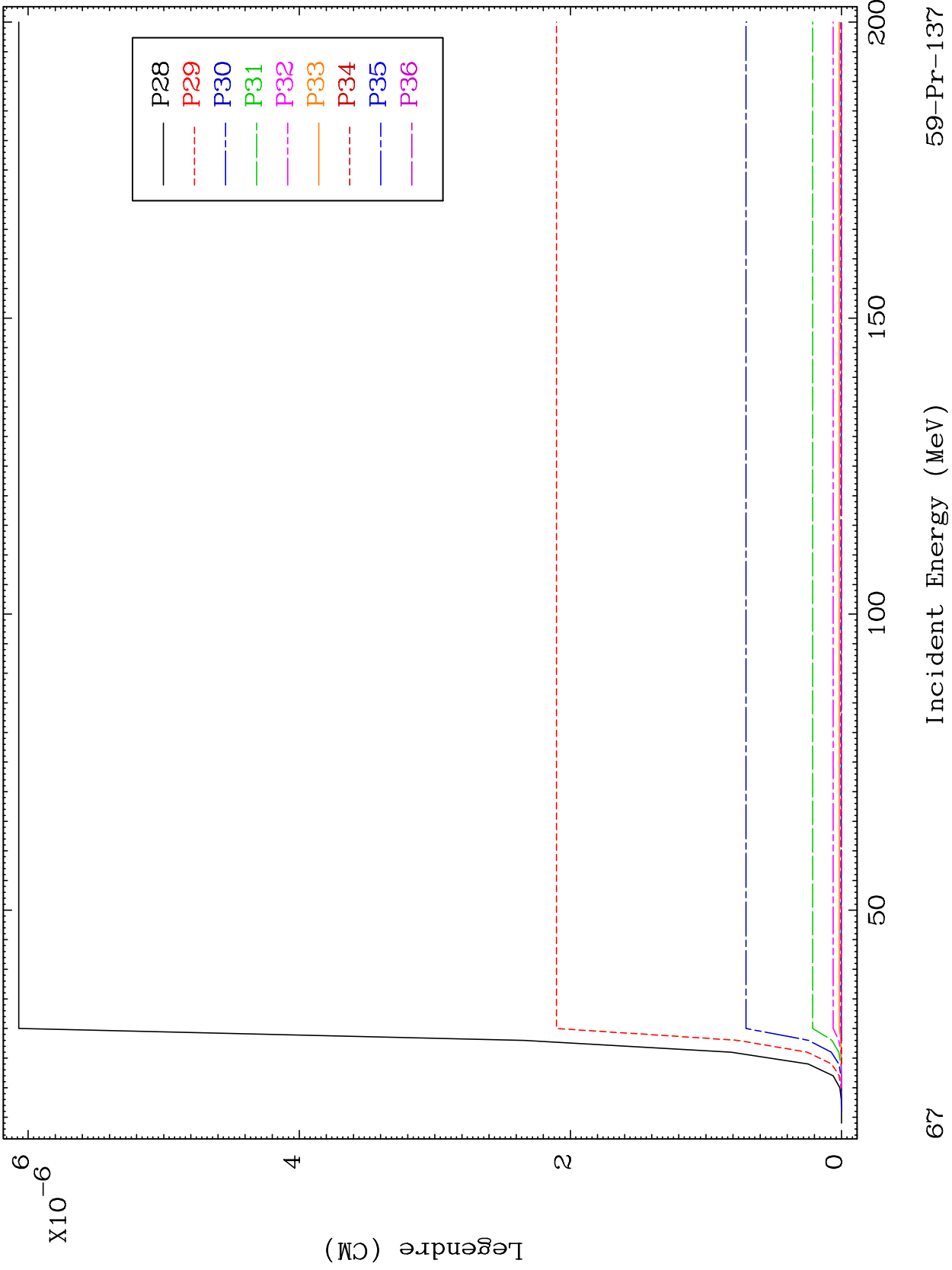
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

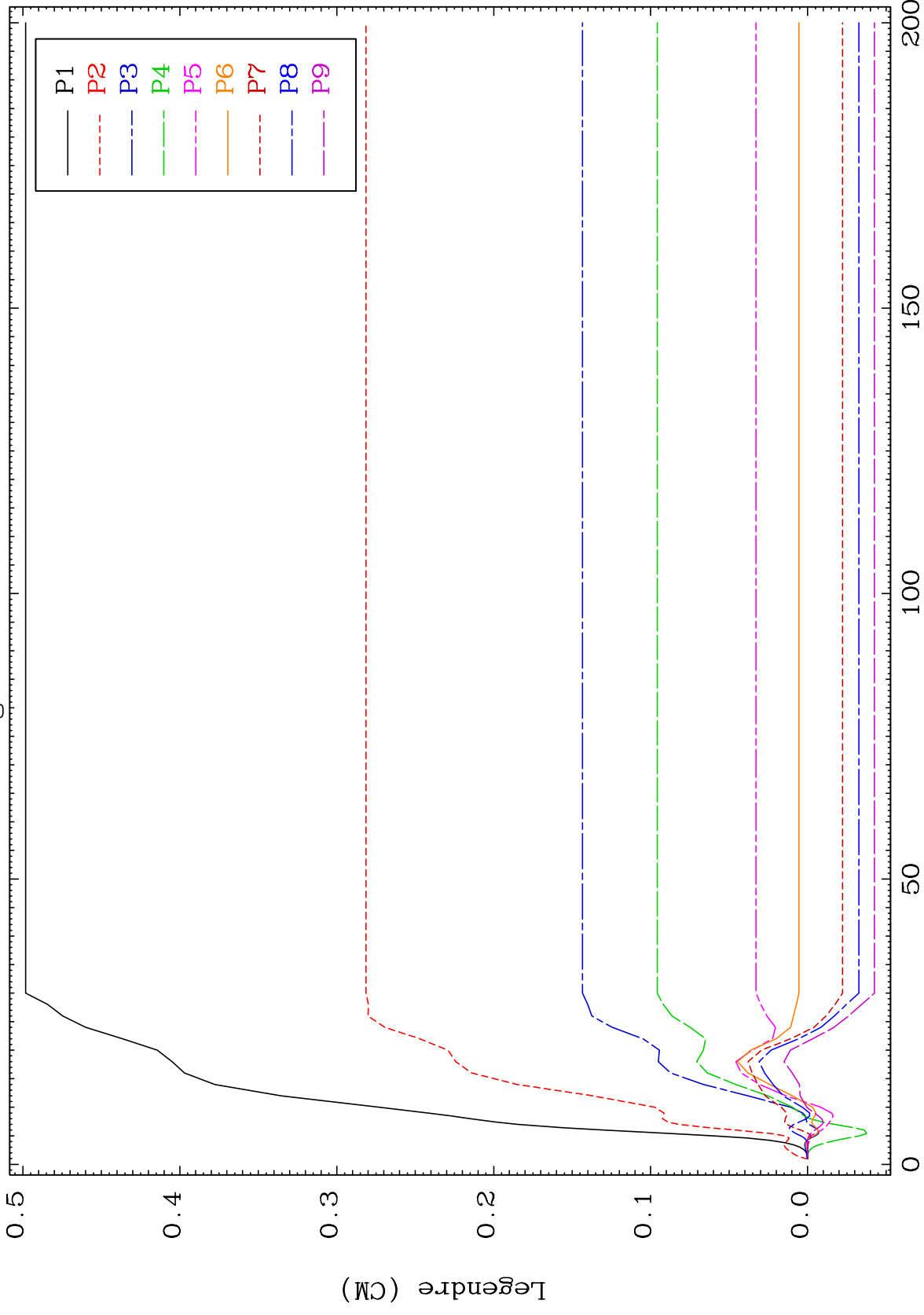
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

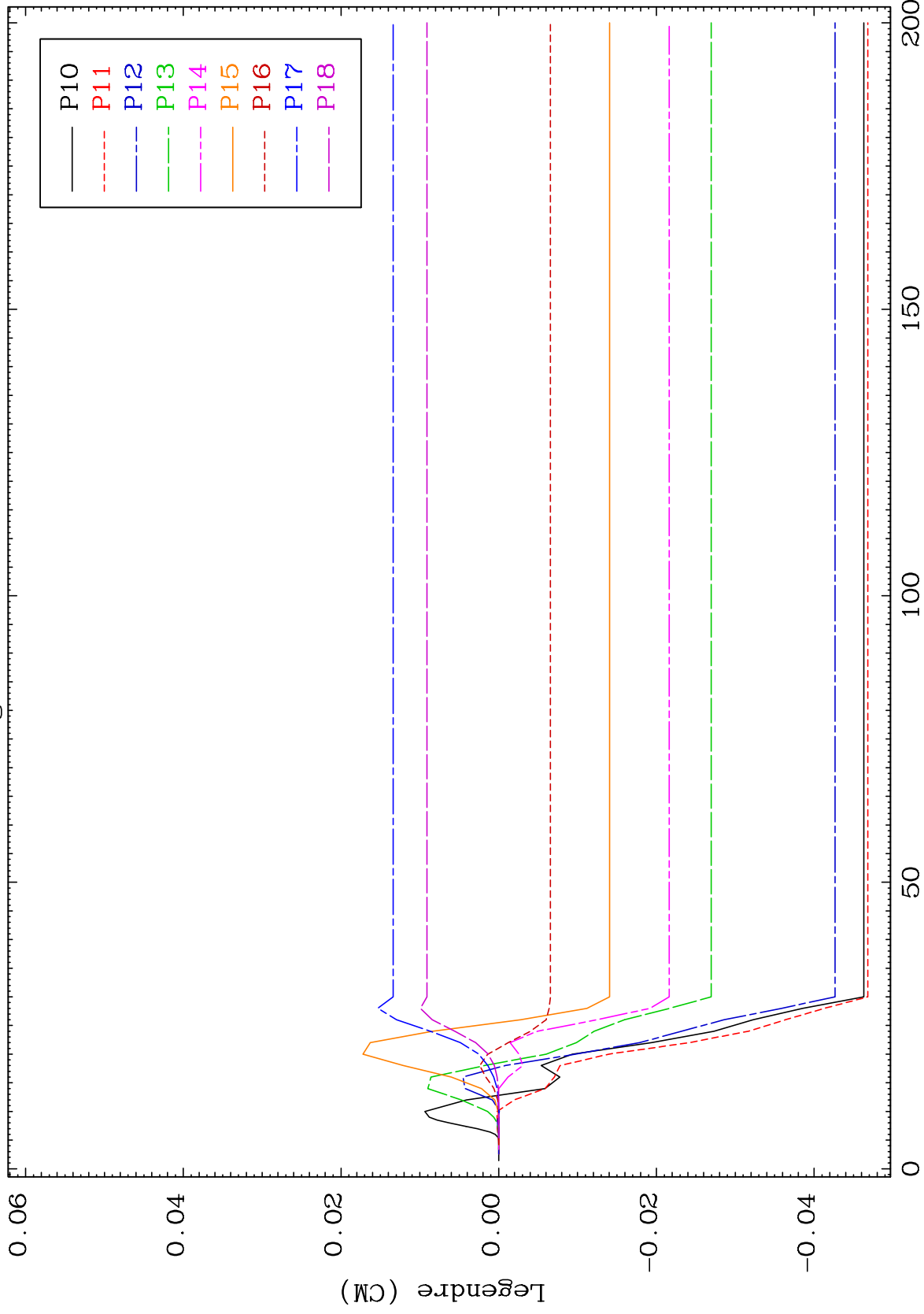
Incident Energy (MeV)

68

MAT 5913

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

59-Pr-137



69

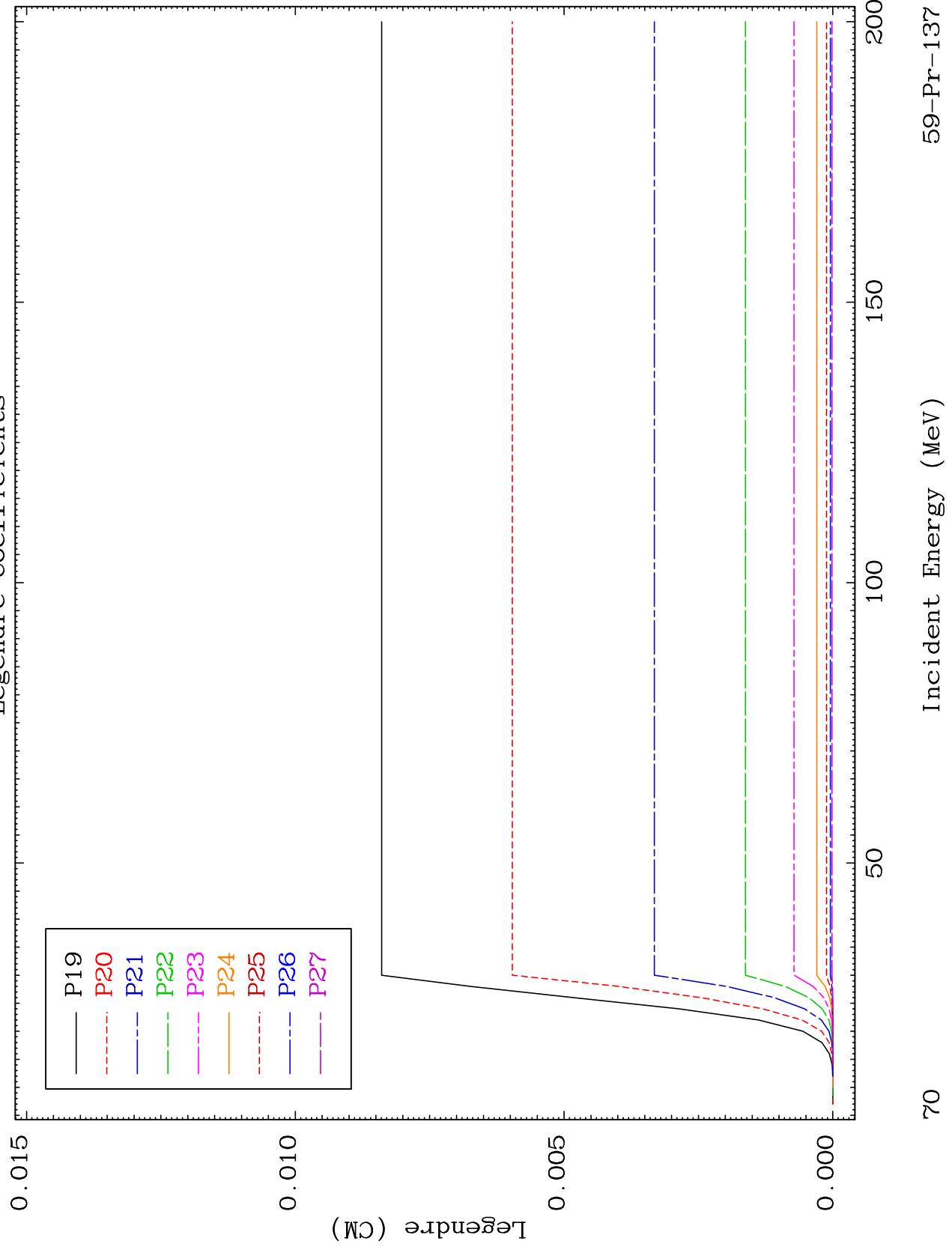
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



70

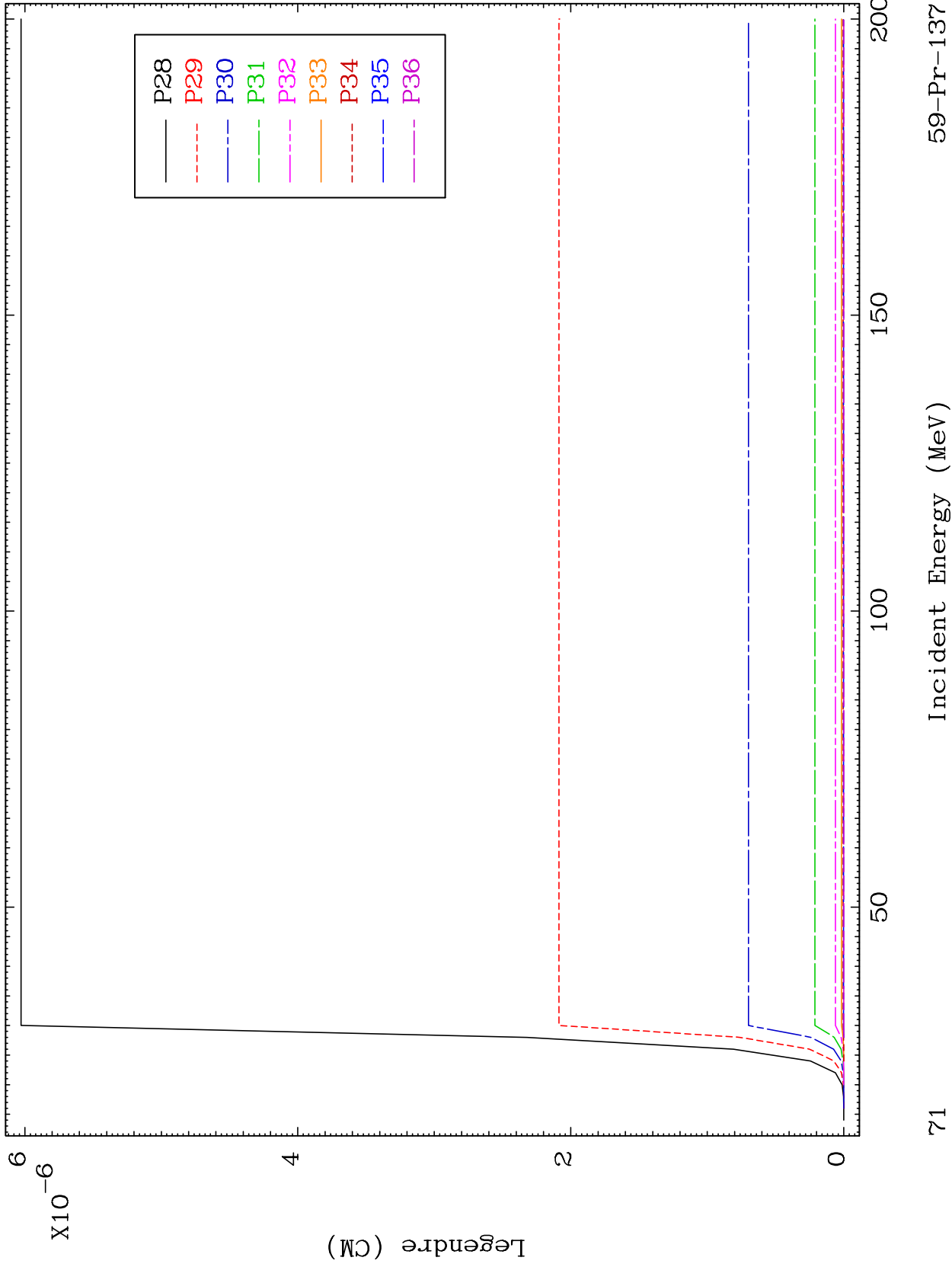
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137

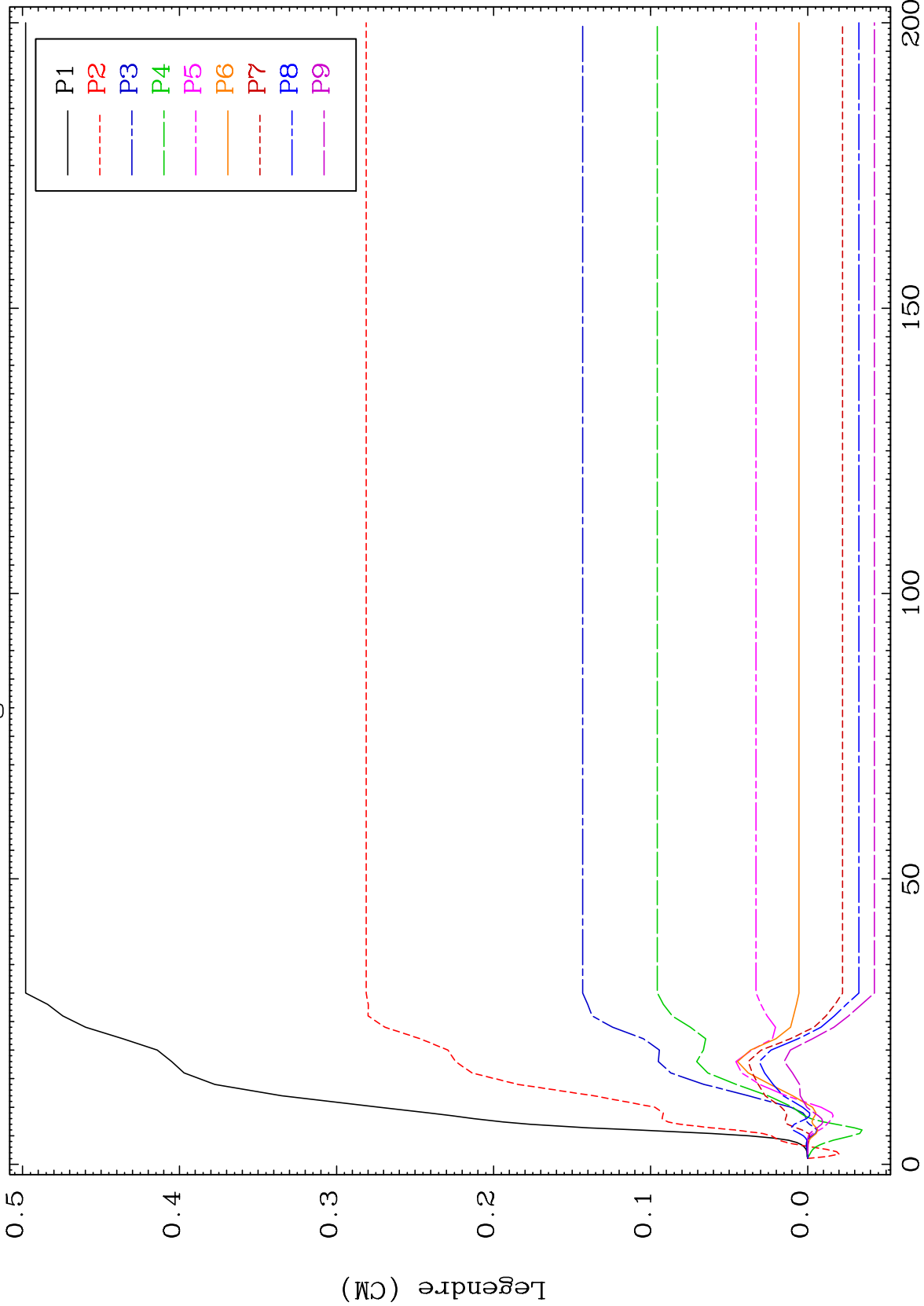


MAT 5913

MT= 64 (n,n') Level

59-Pr-137

Legendre Coefficients



72

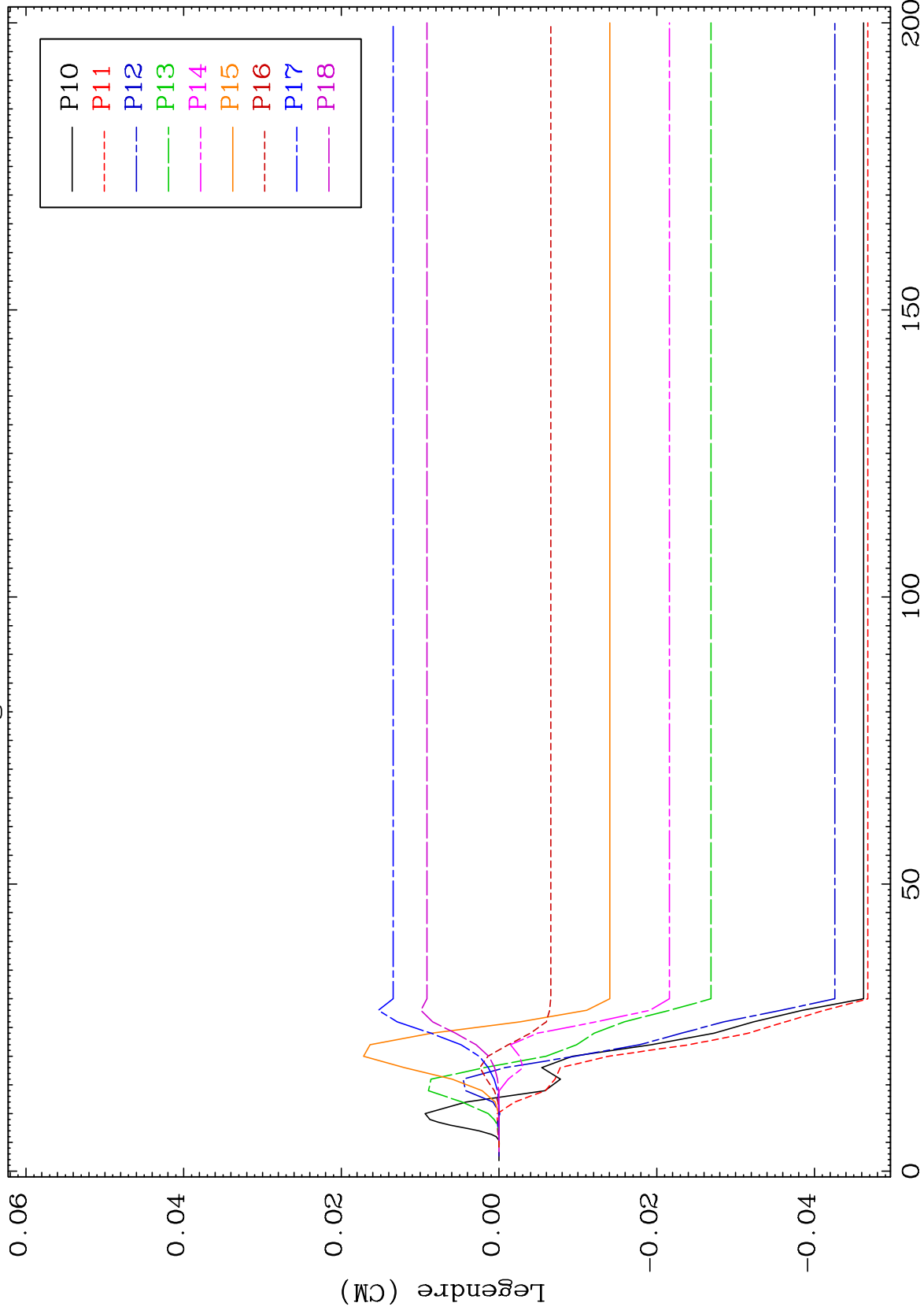
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



73

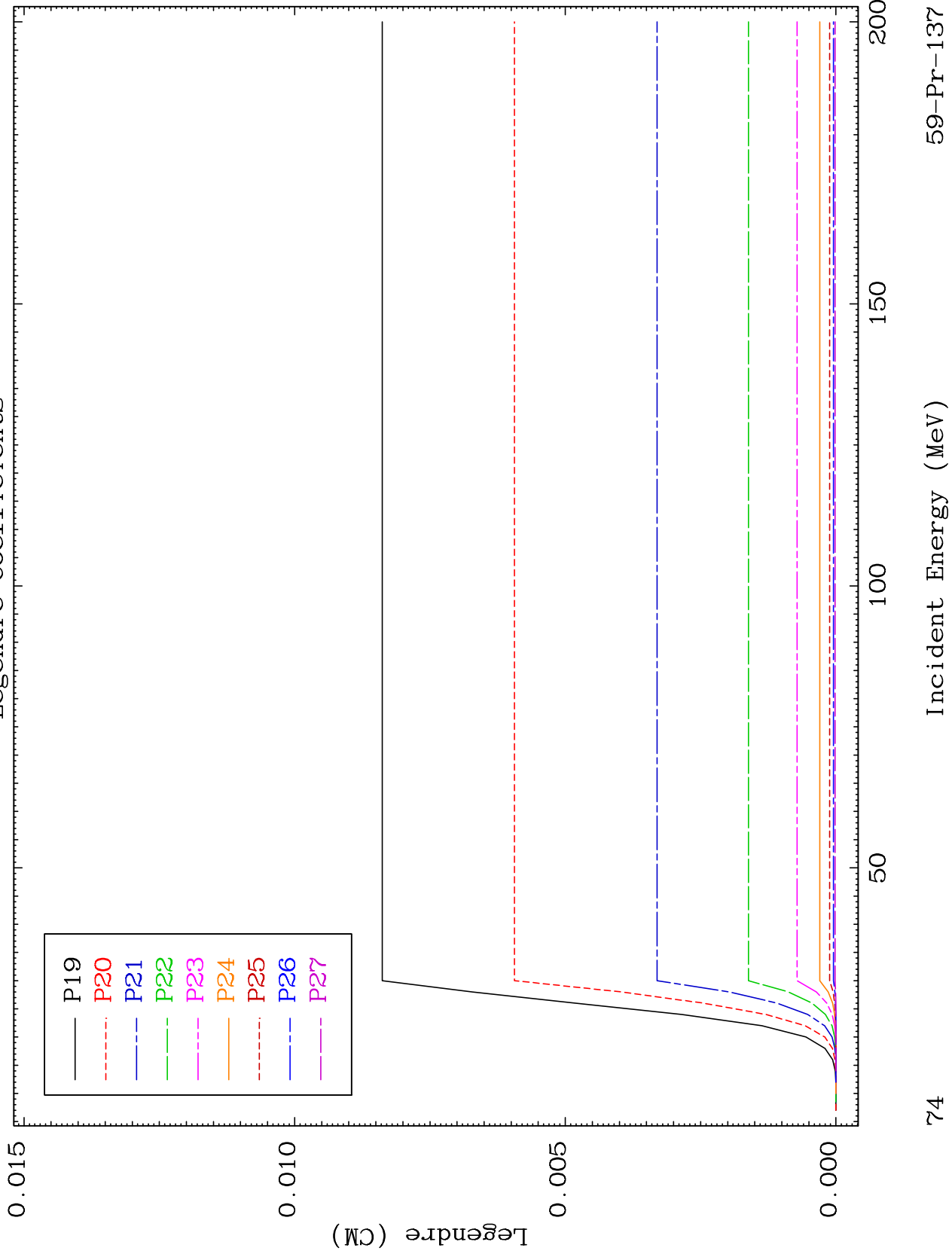
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



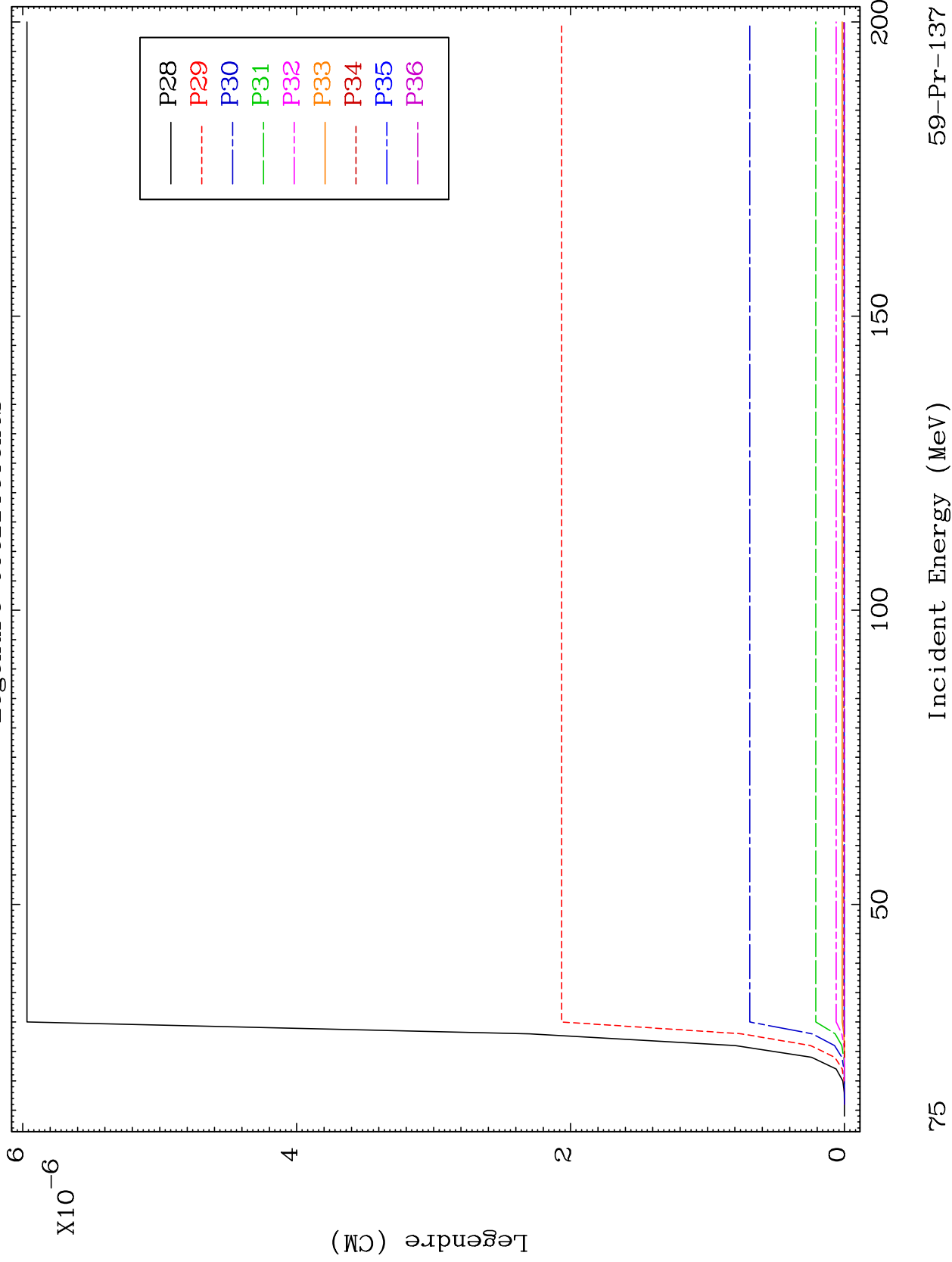
74

59-Pr-137

MAT 5913

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

59-Pr-137



75

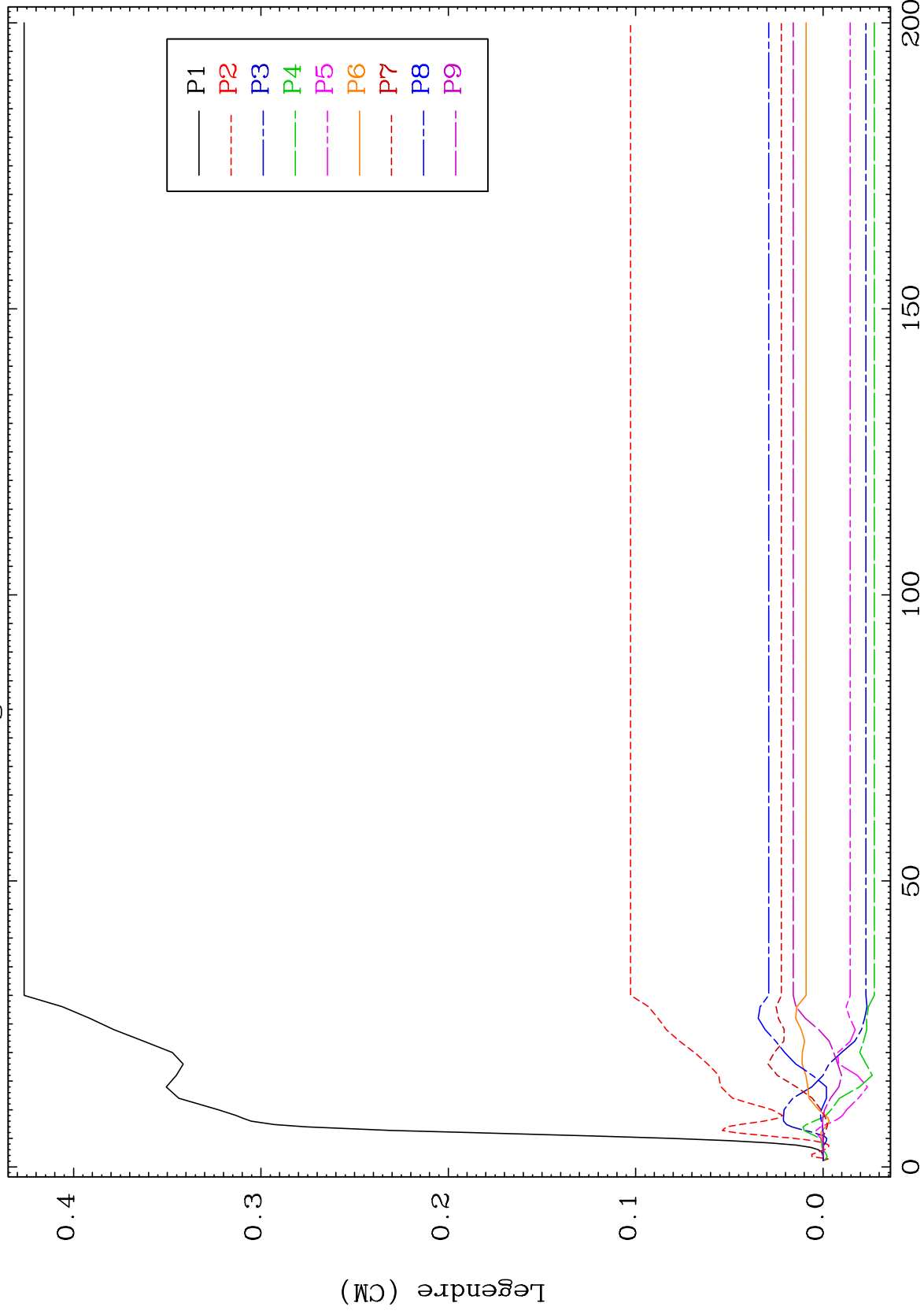
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



76

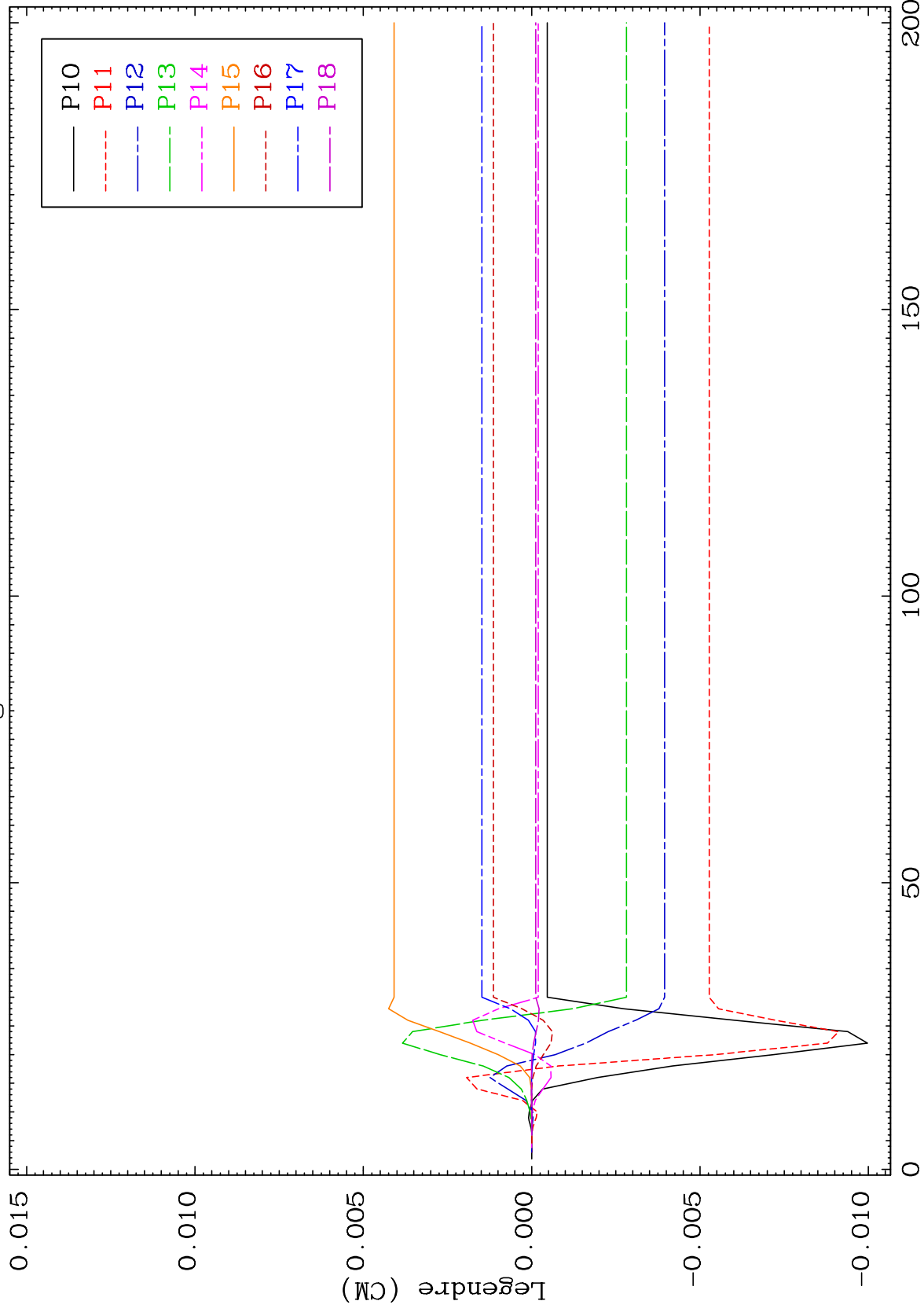
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

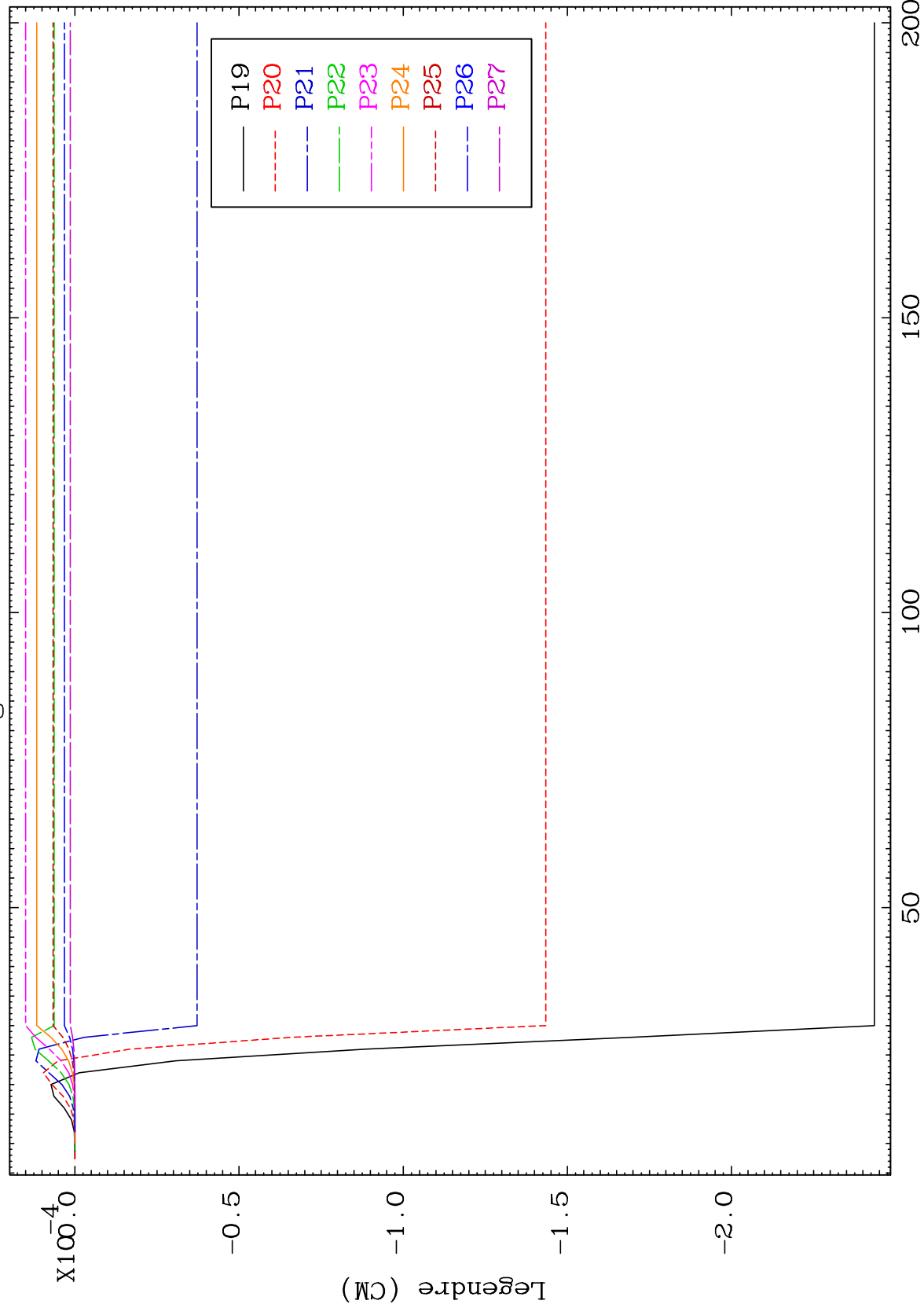
59-Pr-137



77

Incident Energy (MeV)

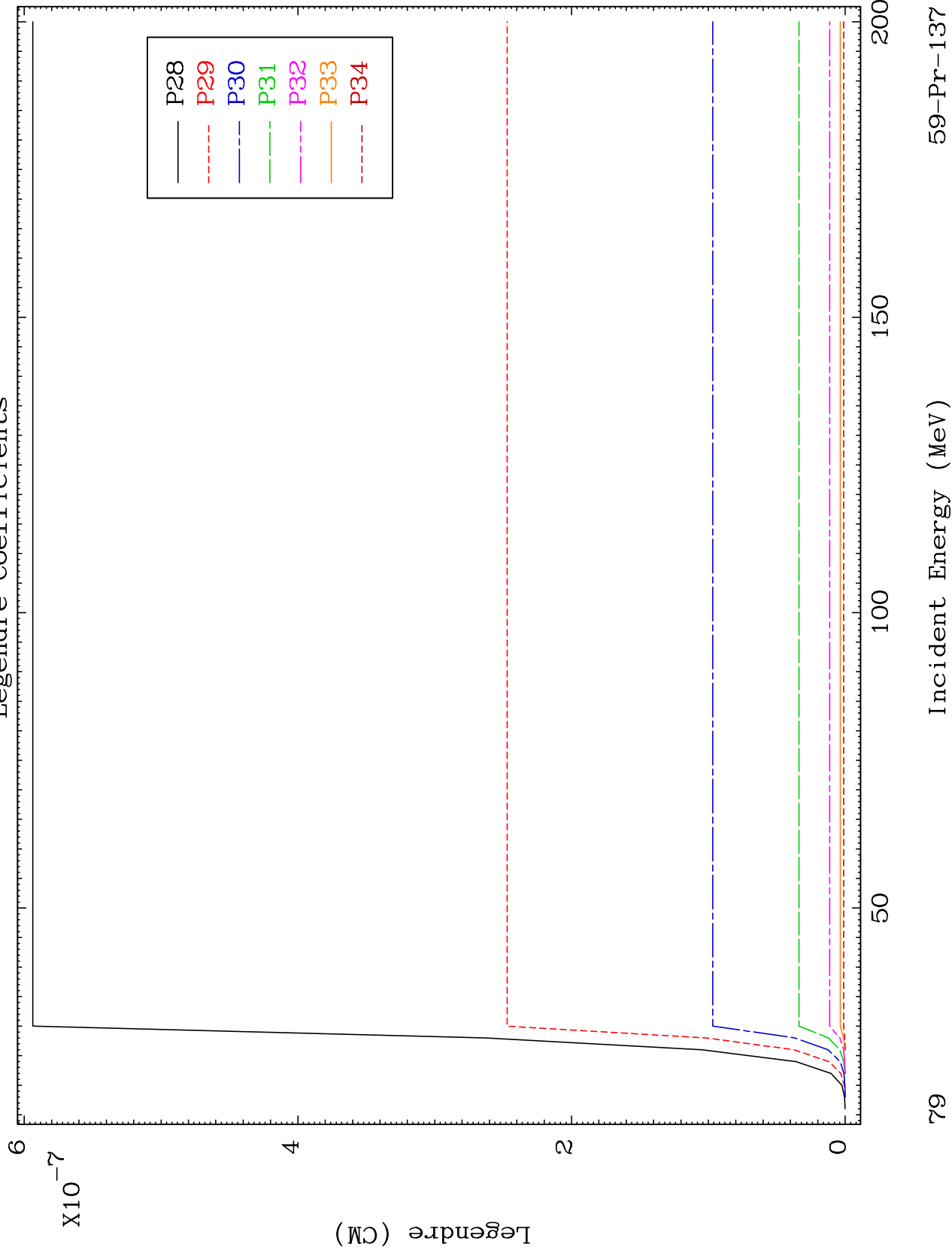
59-Pr-137



MAT 5913

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

59-Pr-137



79

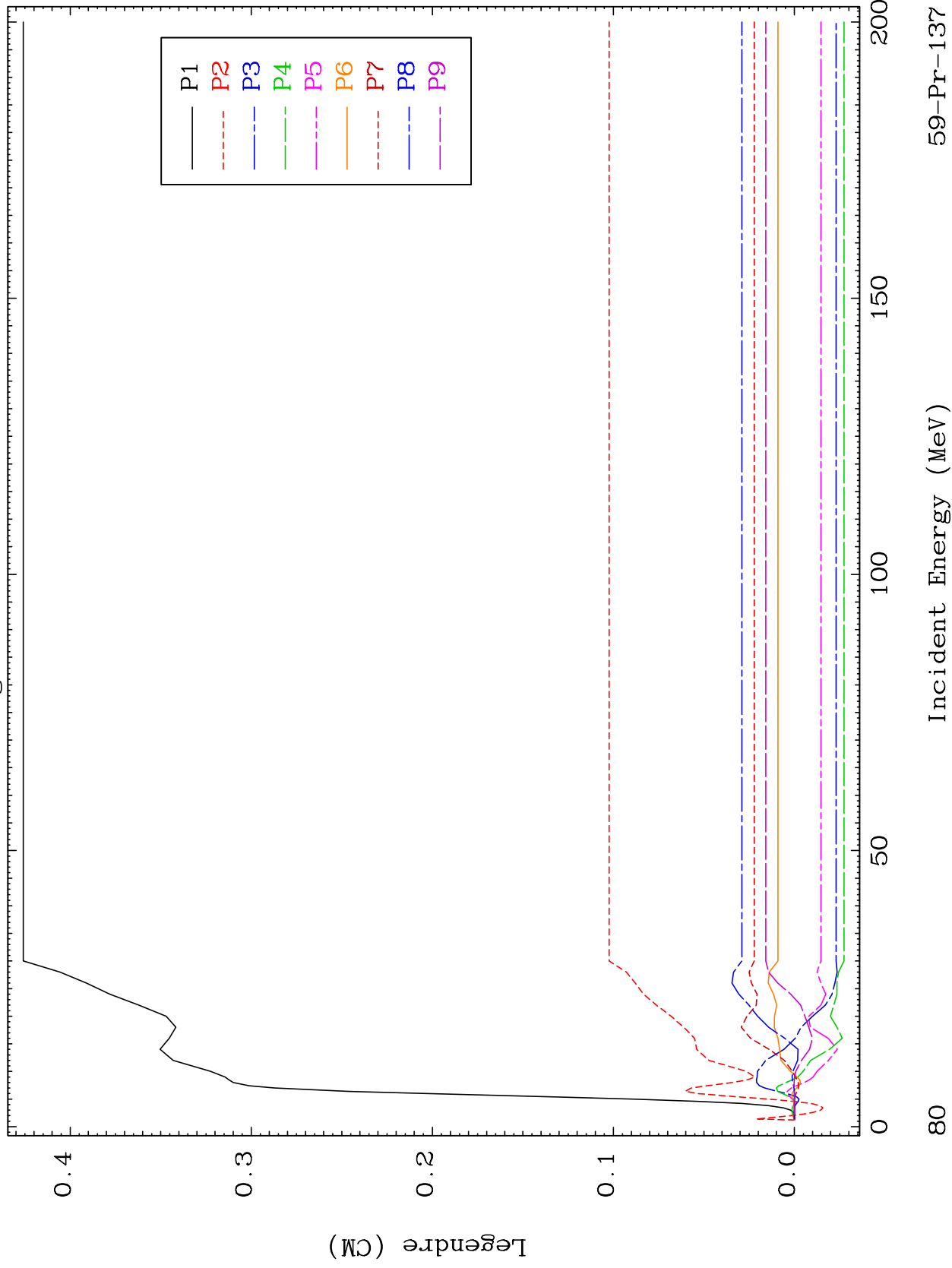
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137

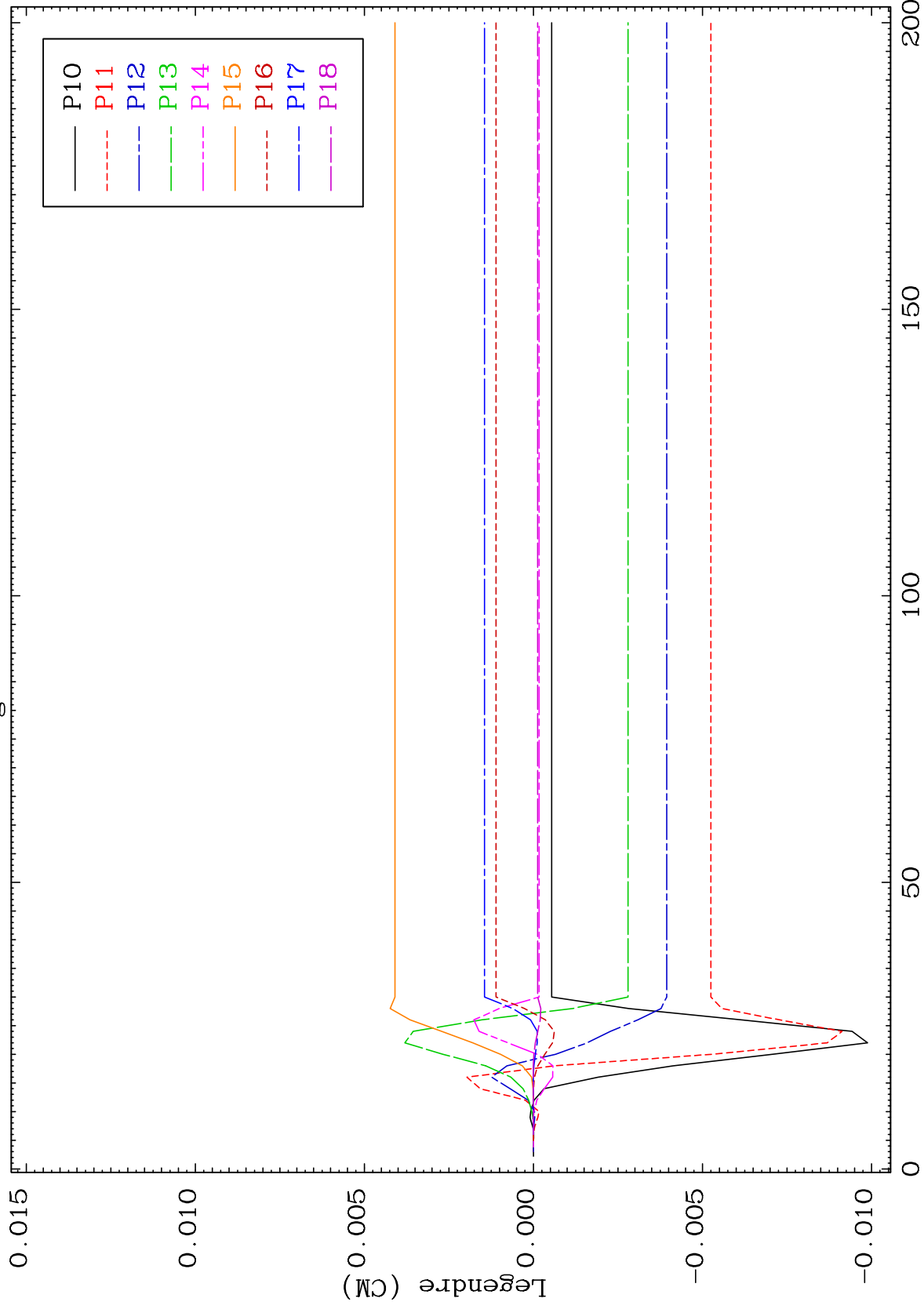


59-Pr-137

MAT 5913

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

59-Pr-137

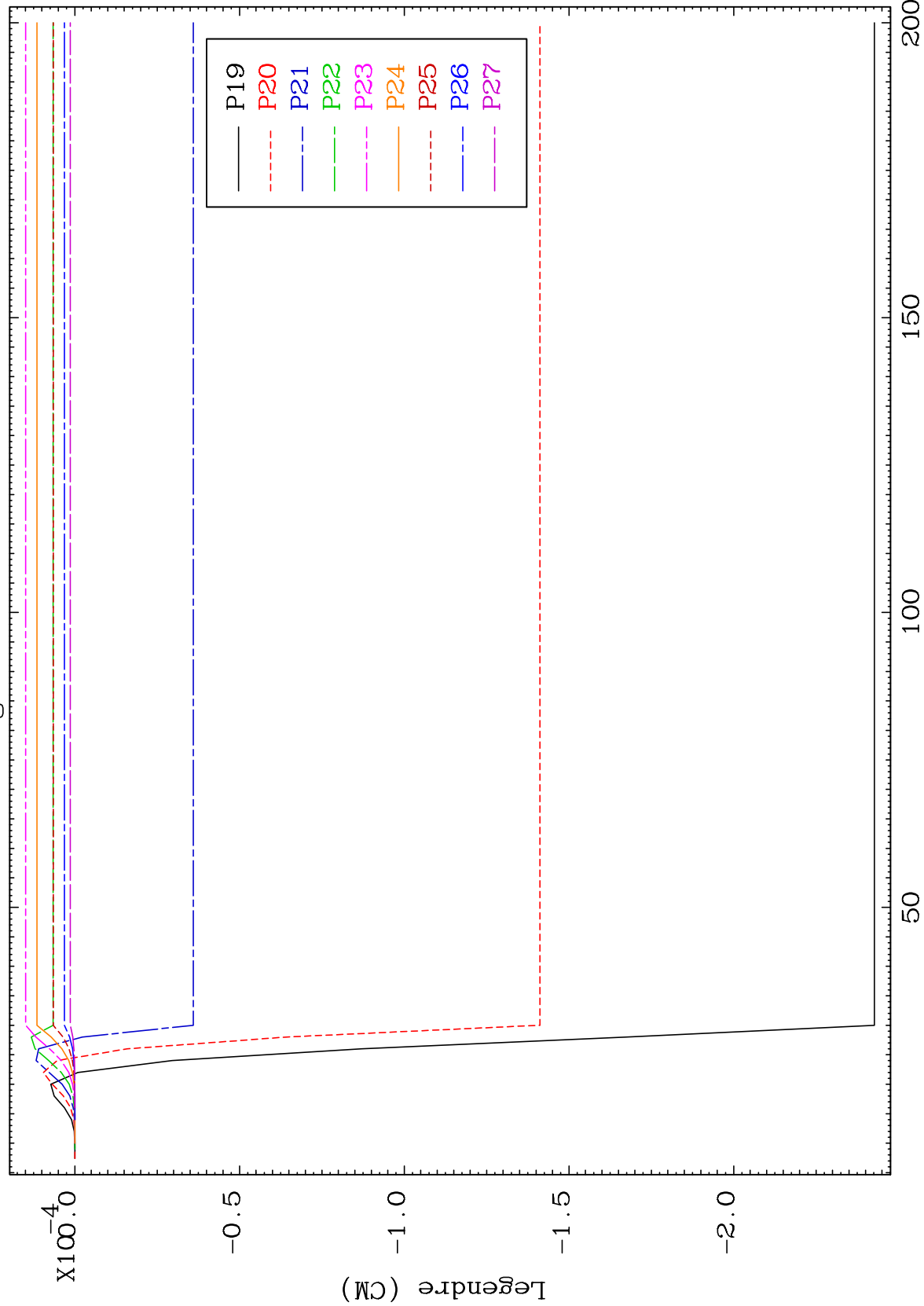


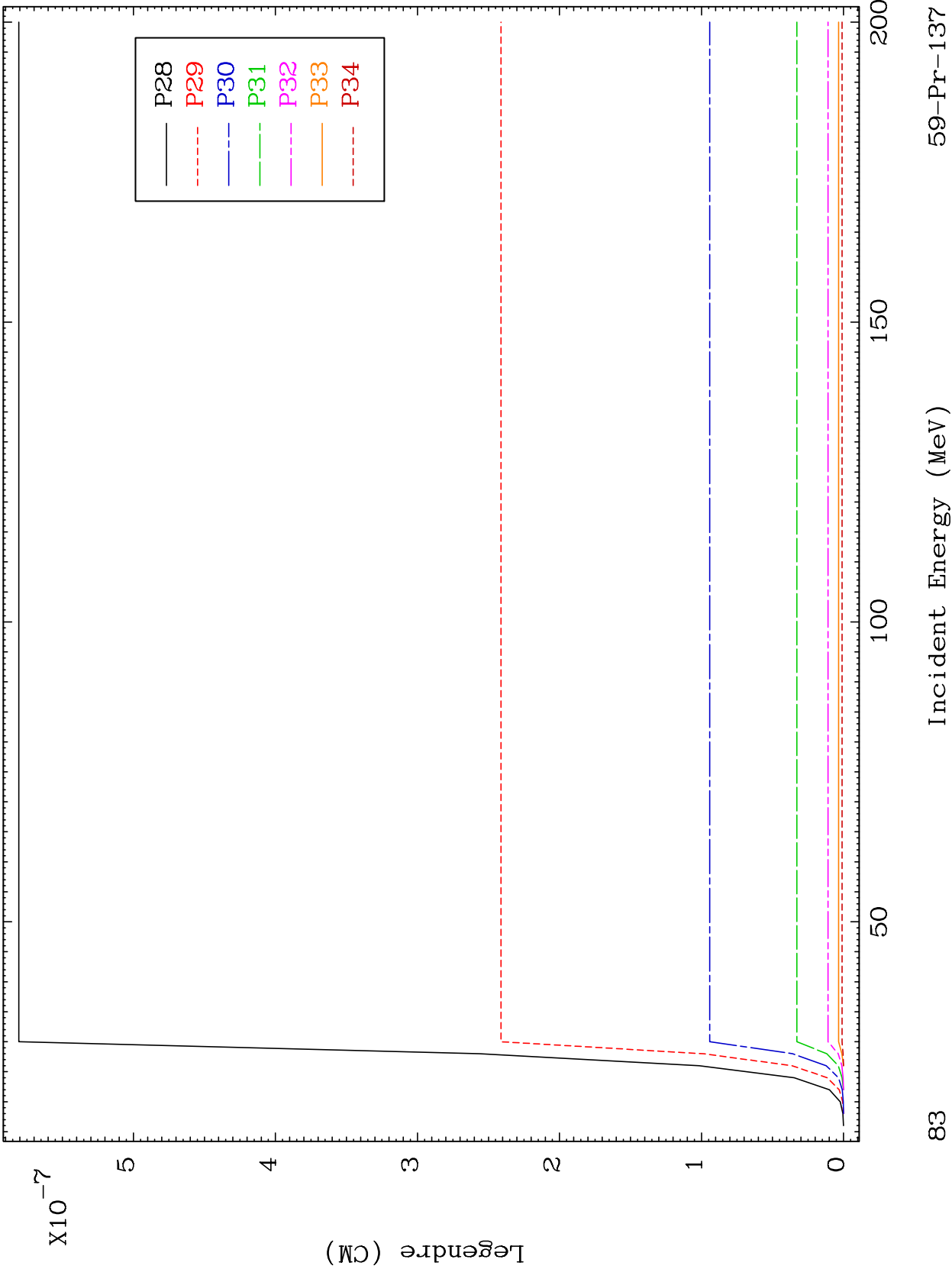
81

Incident Energy (MeV)

59-Pr-137

Legendre Coefficients



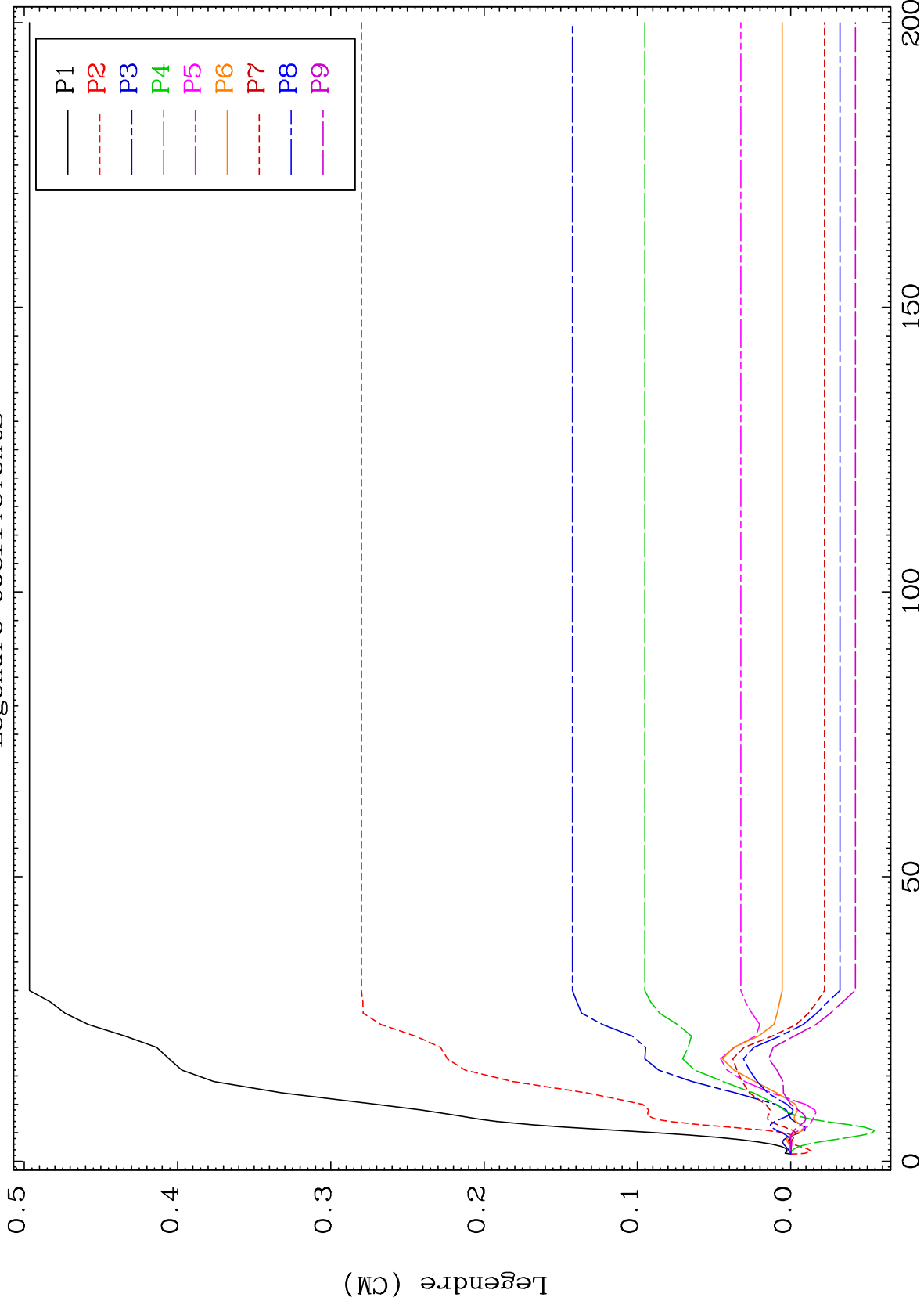


MAT 5913

MT= 67 (n,n') Level

59-Pr-137

Legendre Coefficients



84

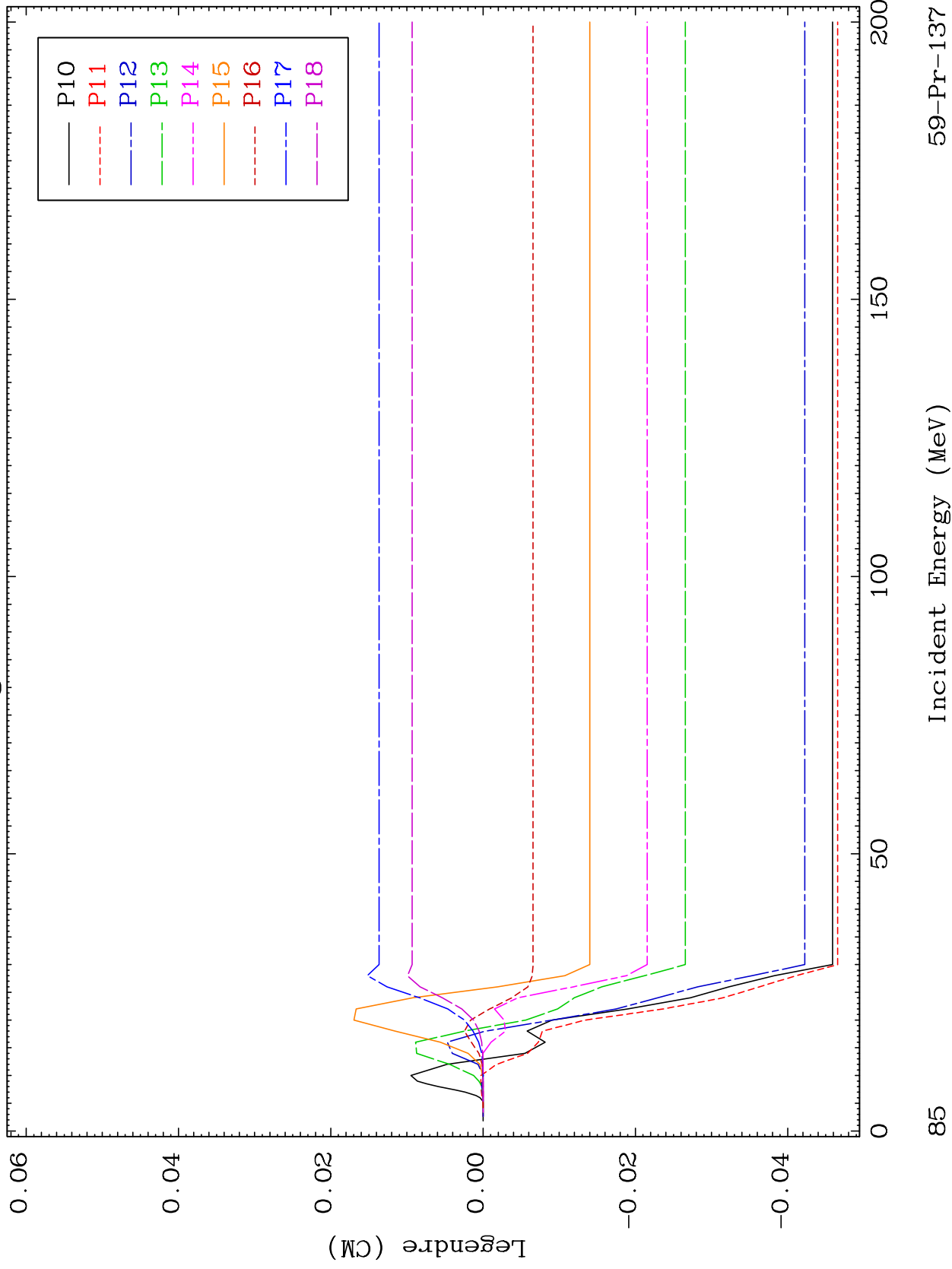
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

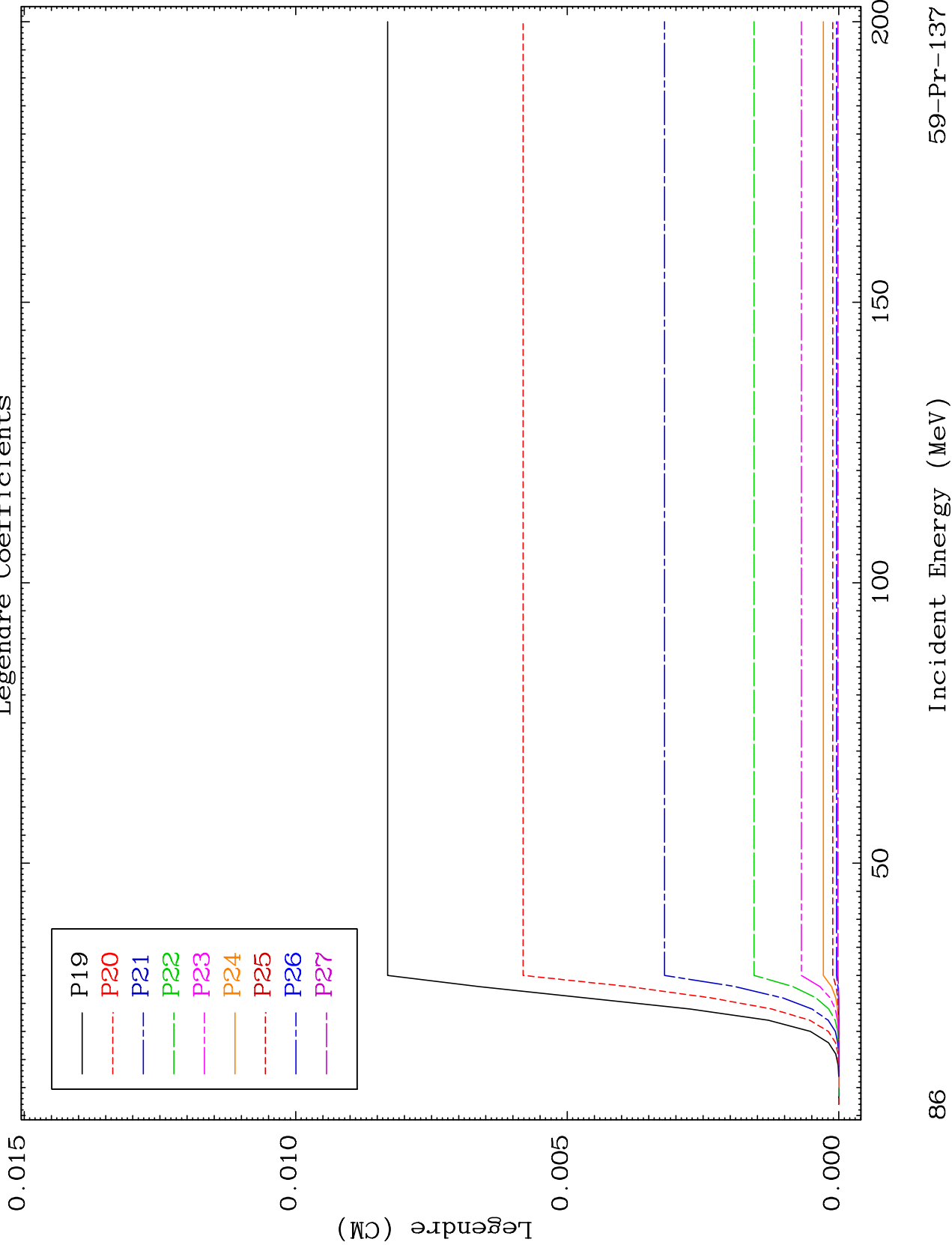
59-Pr-137



59-Pr-137

Incident Energy (MeV)

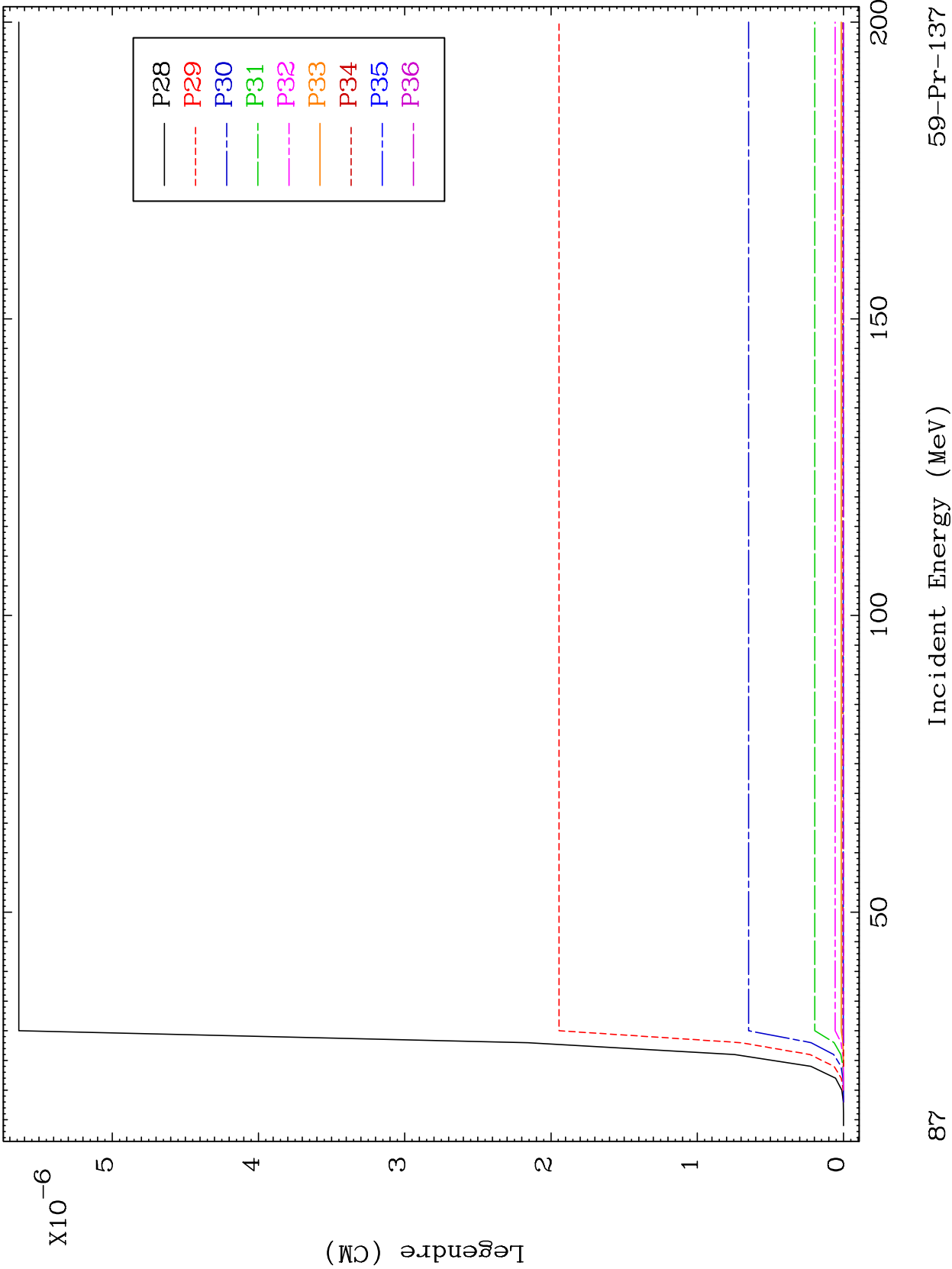
85



MAT 5913

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

59-Pr-137



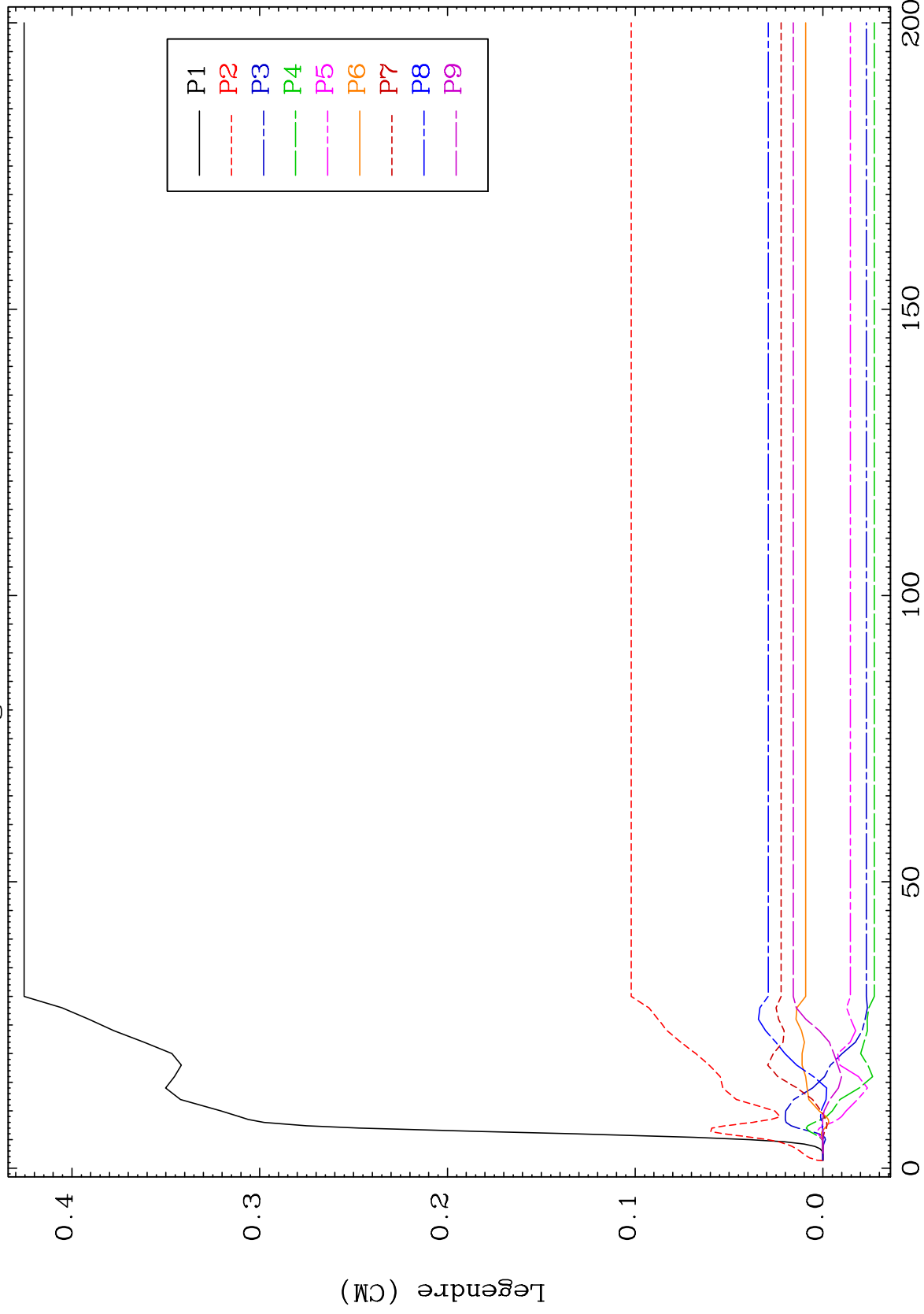
87

59-Pr-137

MAT 5913

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

59-Pr-137



88

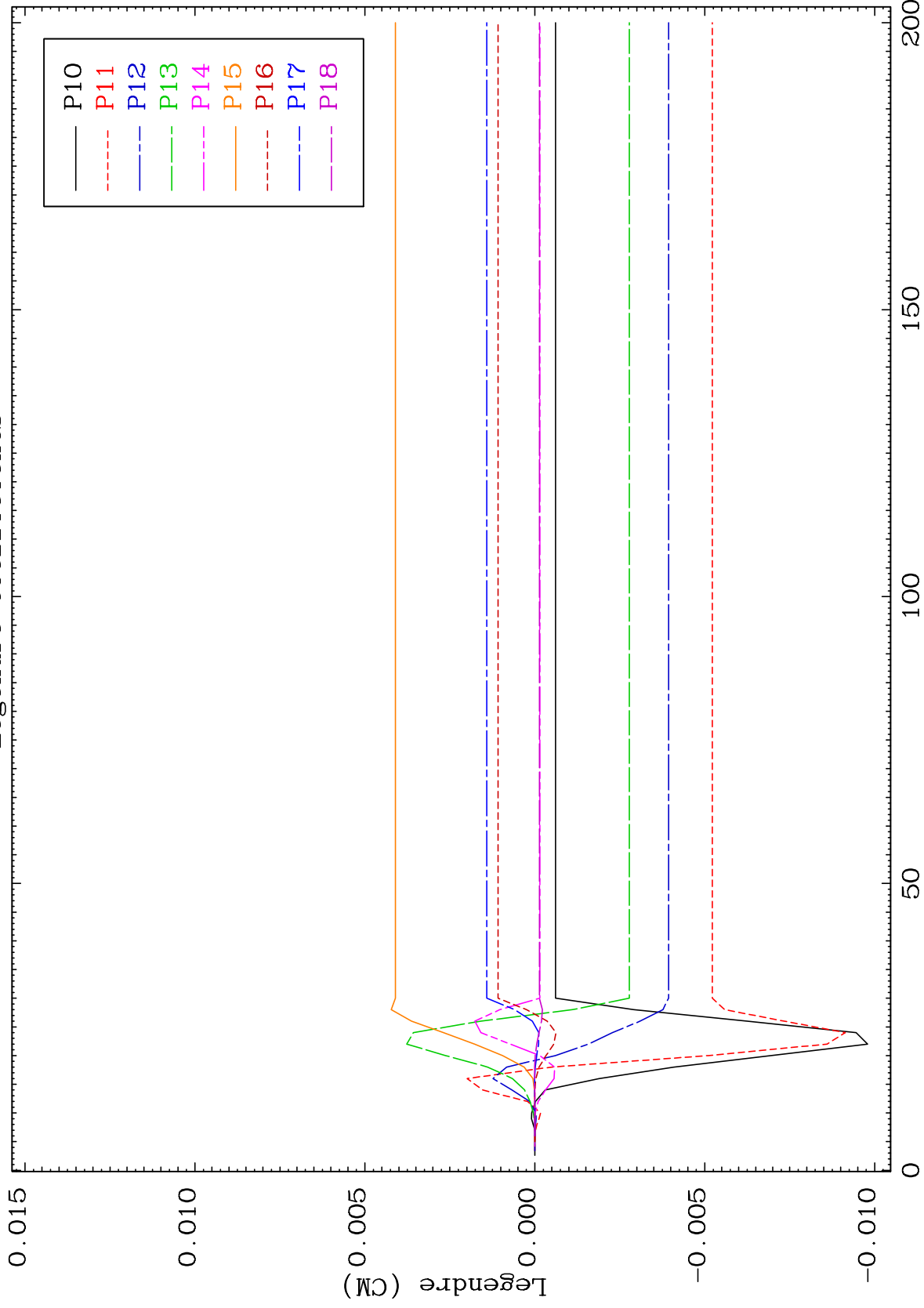
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



89

Incident Energy (MeV)

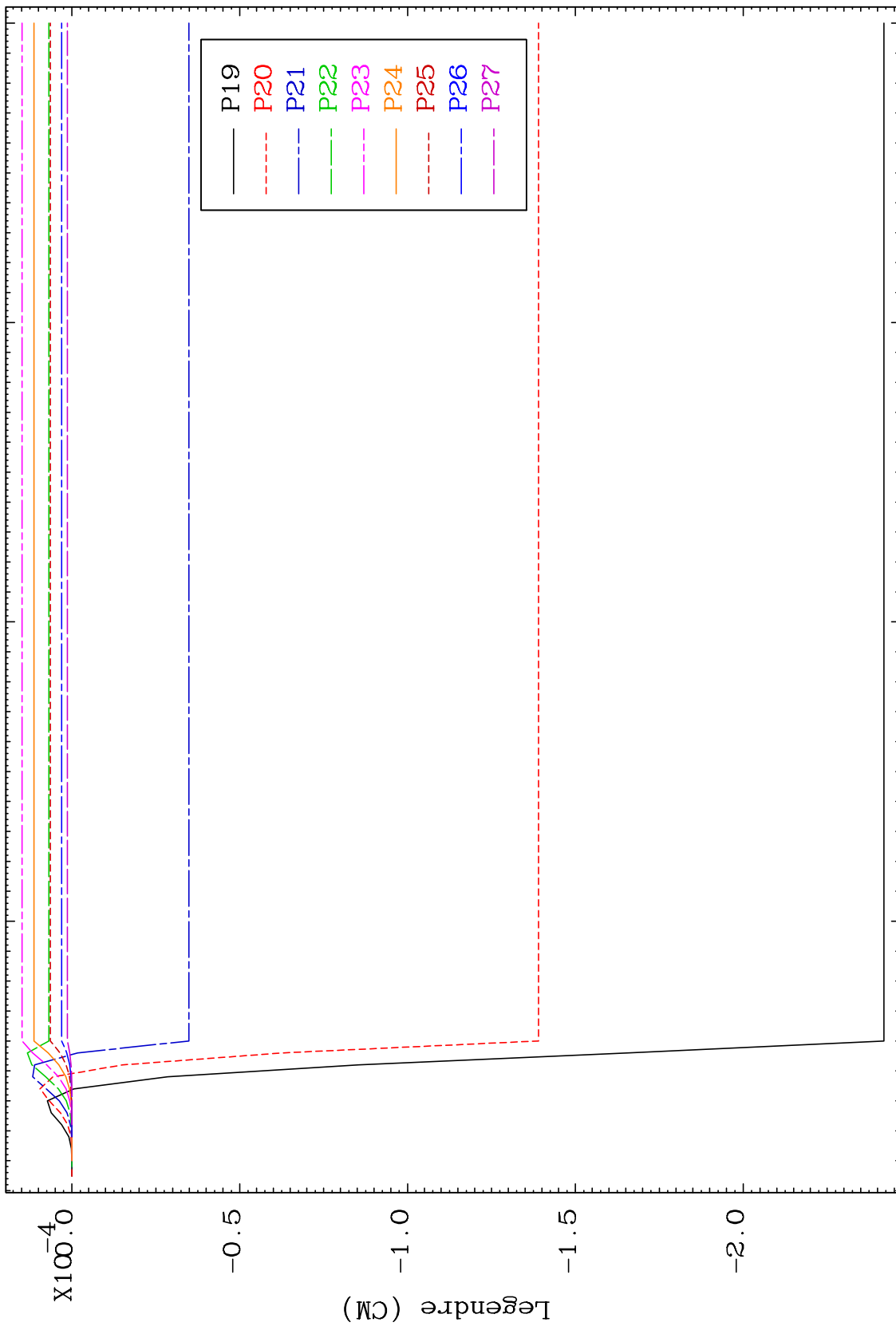
59-Pr-137

MAT 5913

MT= 68 (n,n') Level

59-Pr-137

Legendre Coefficients



90

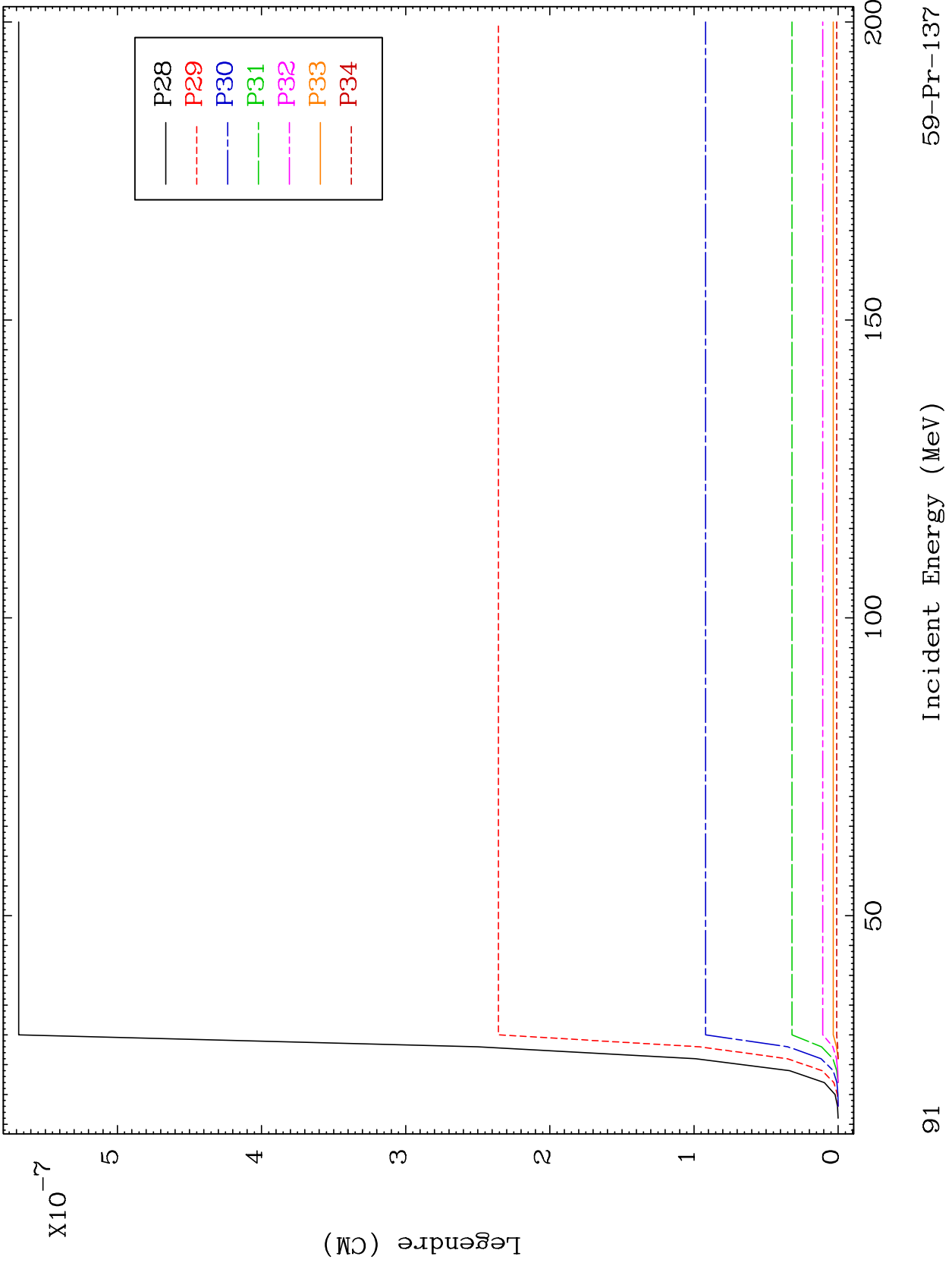
Incident Energy (MeV)

59-Pr-137

MAT 5913

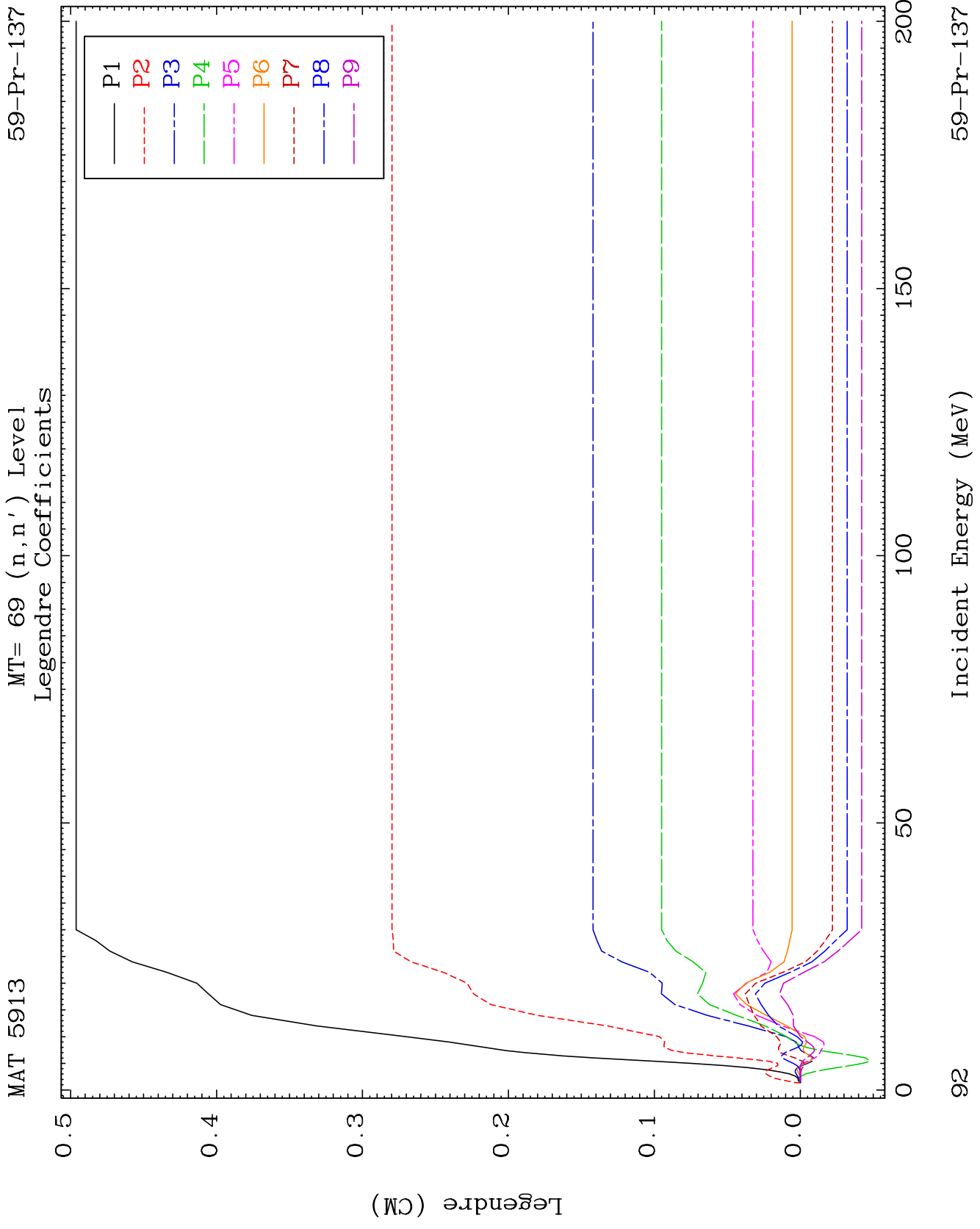
MT= 68 (n,n') Level
Legendre Coefficients

59-Pr-137



91

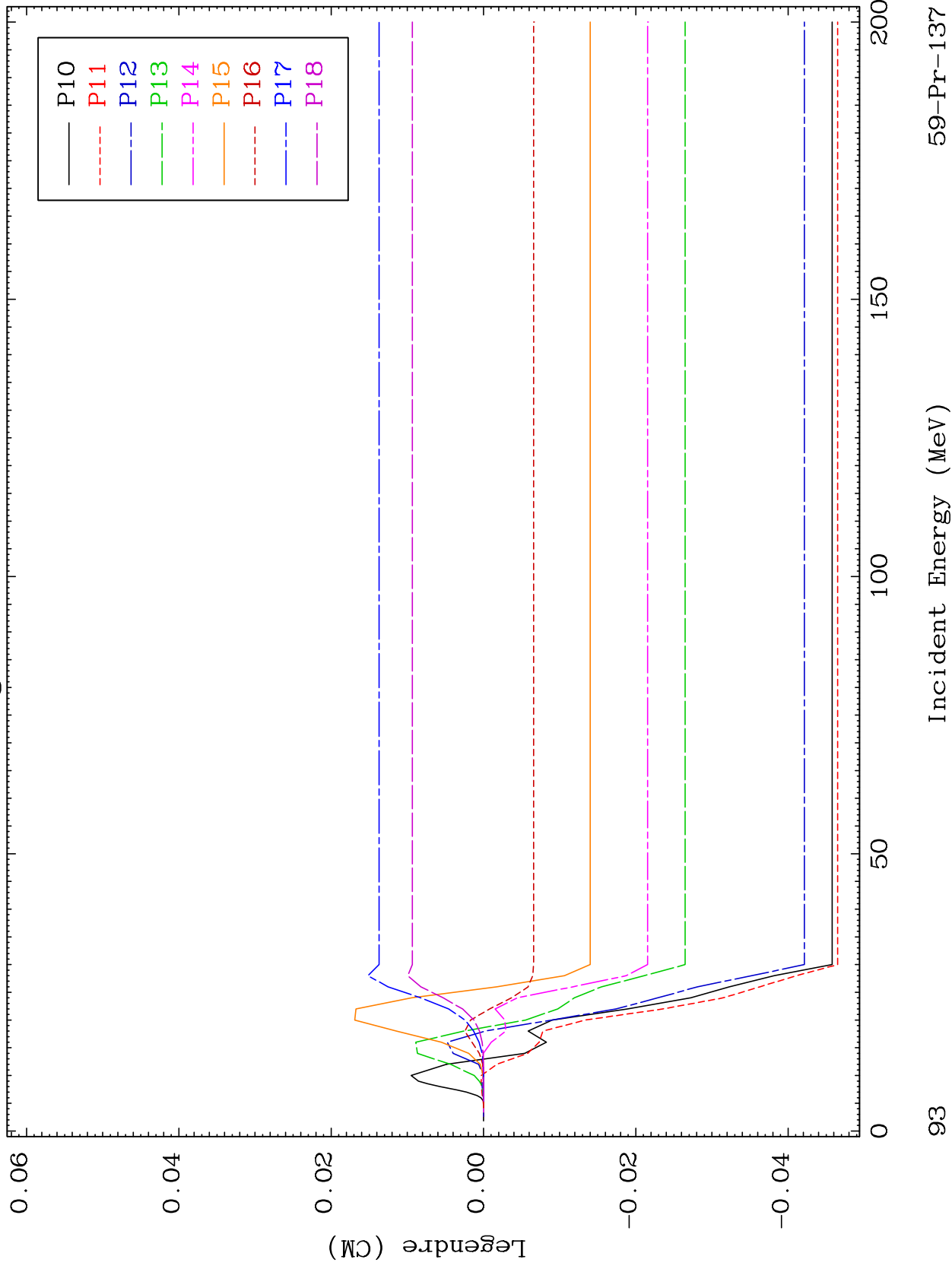
59-Pr-137



MAT 5913

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

59-Pr-137



93

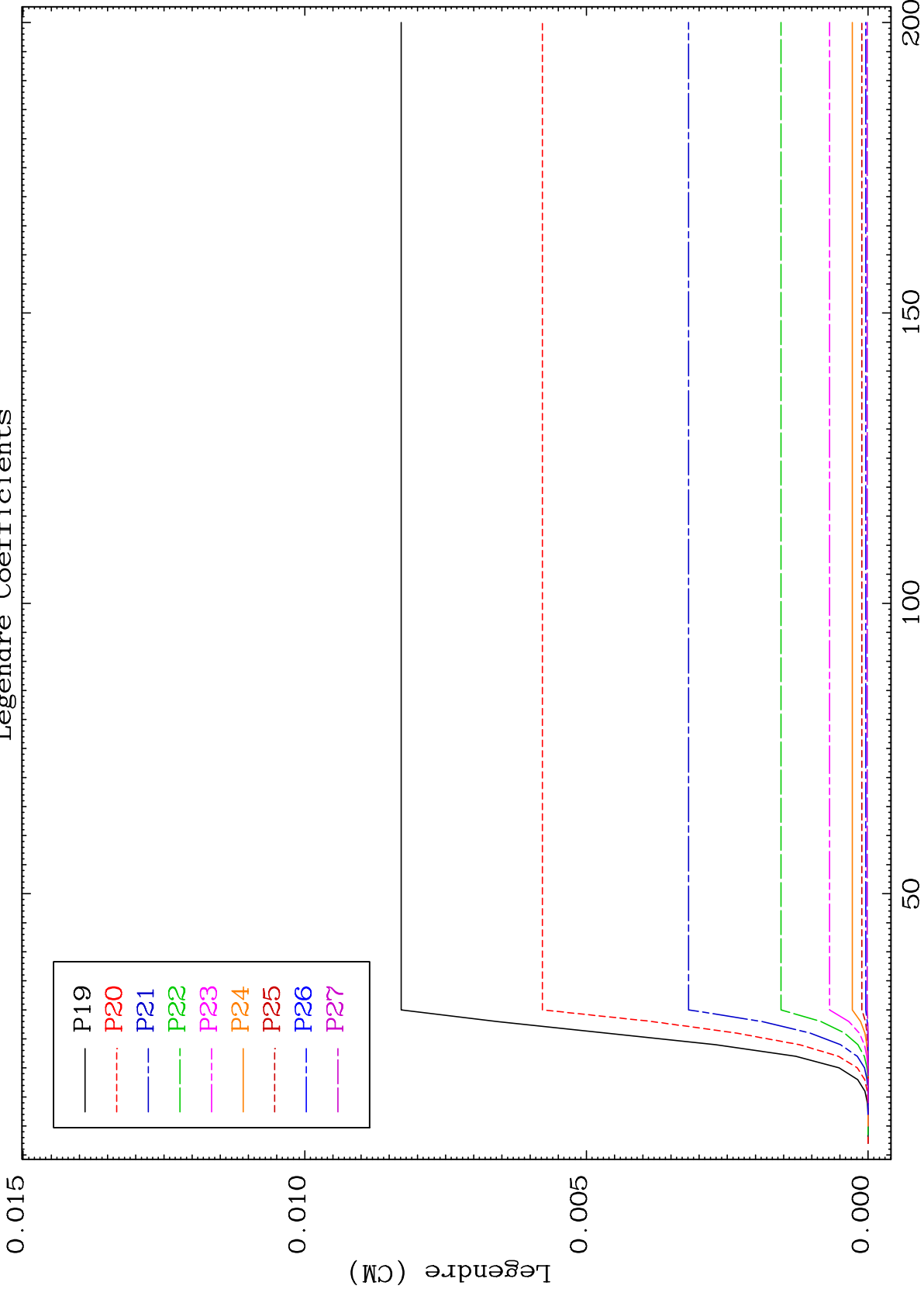
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



94

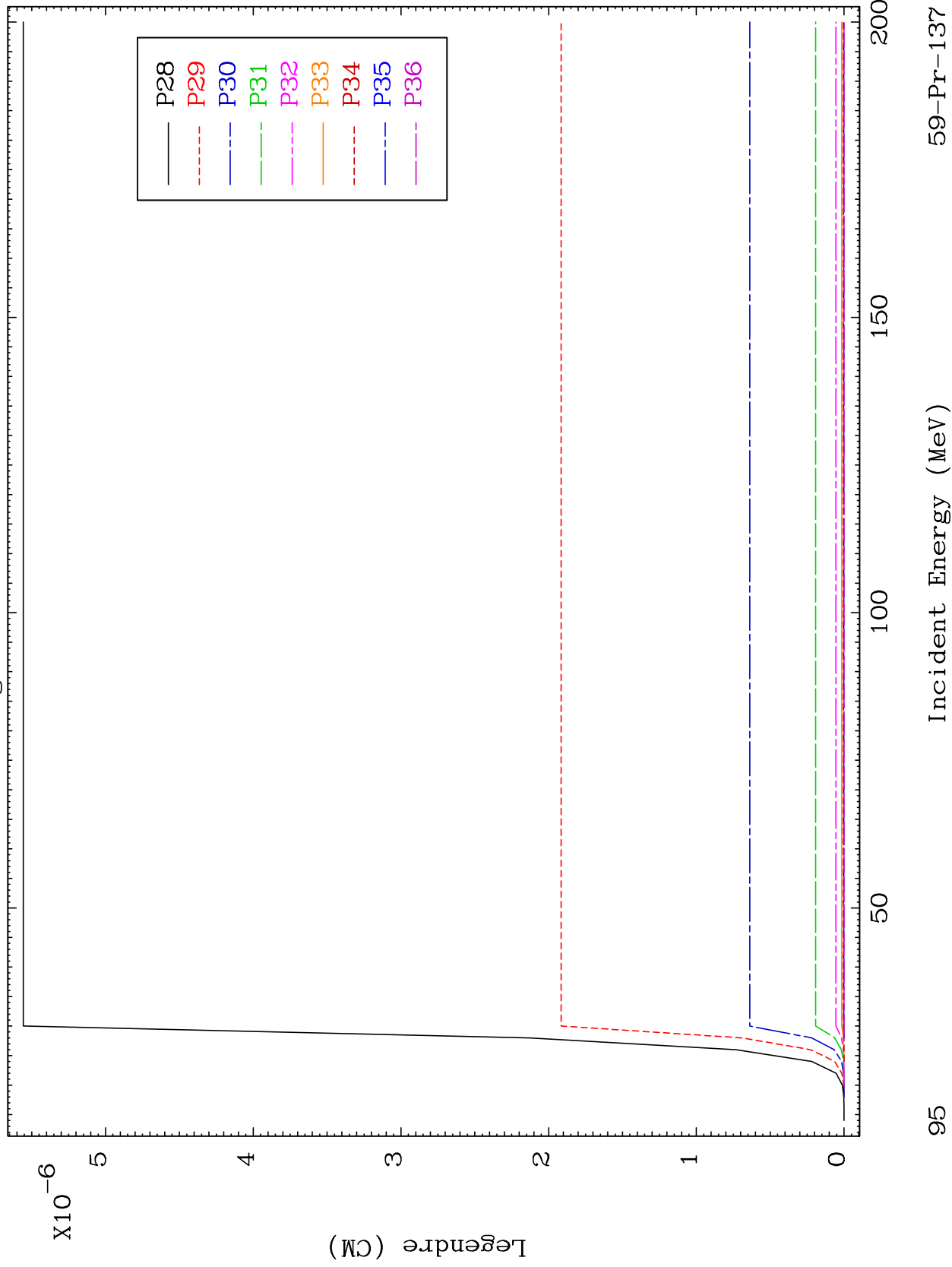
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



95

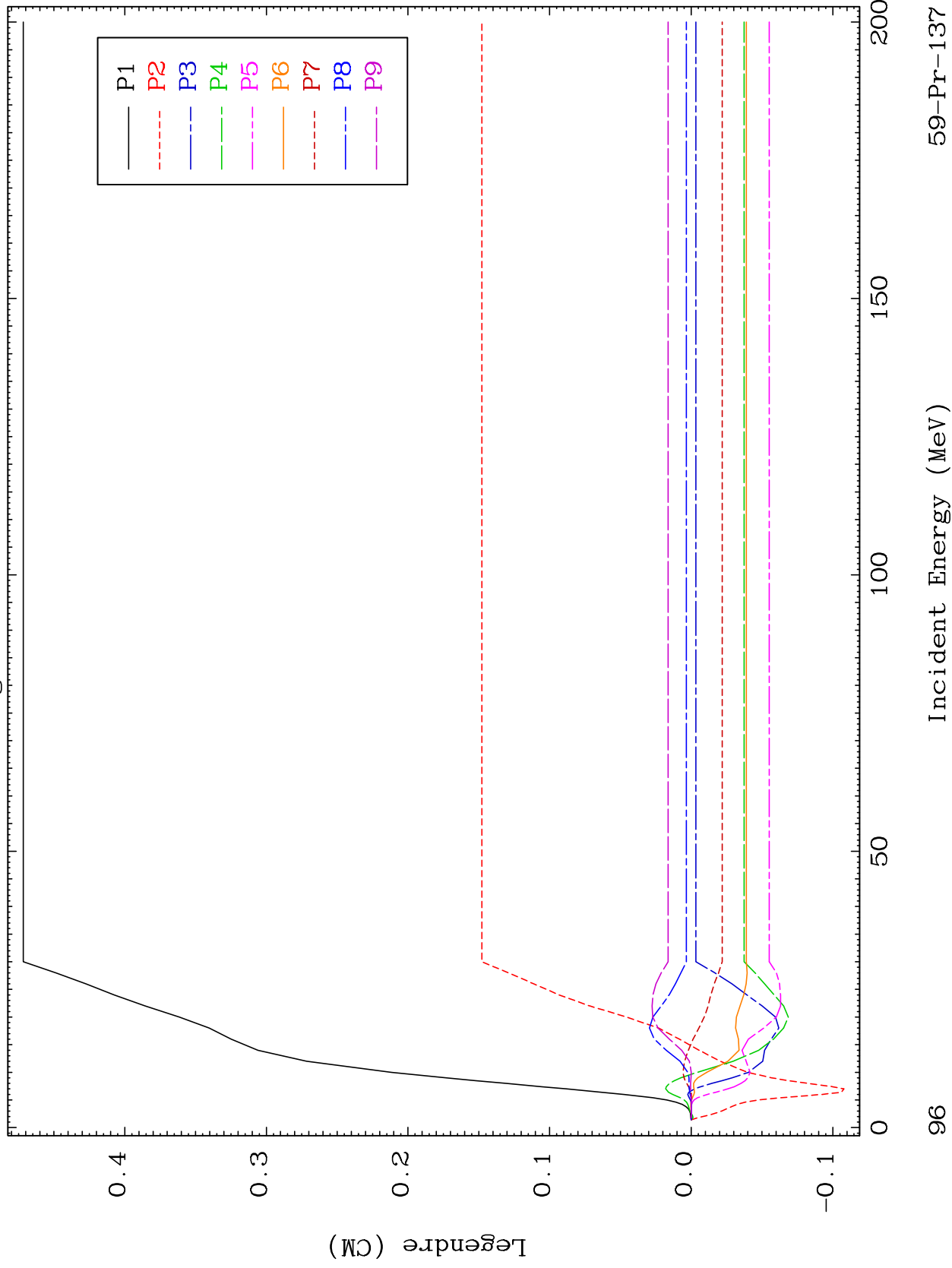
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

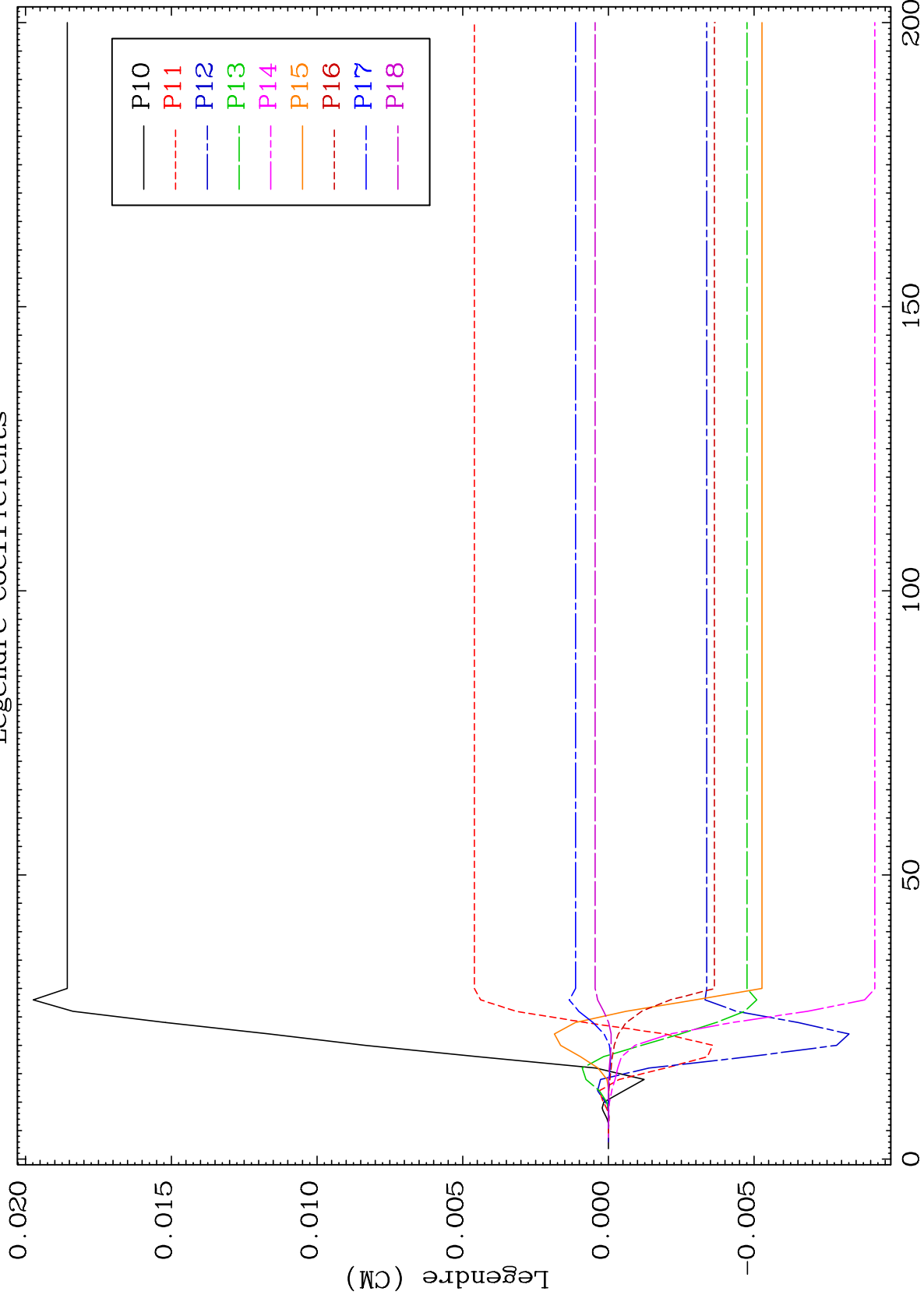
Incident Energy (MeV)

96

MAT 5913

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

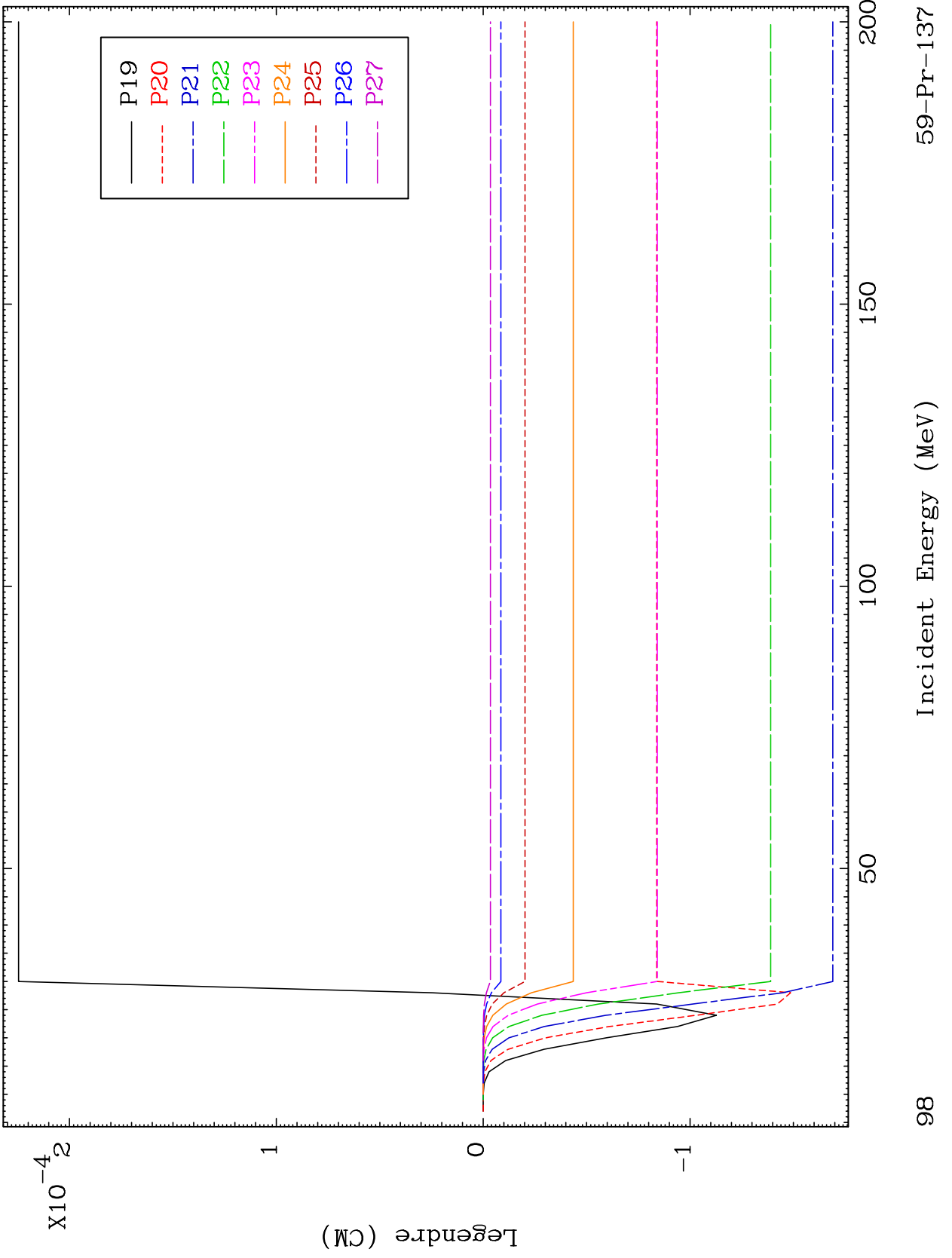
59-Pr-137

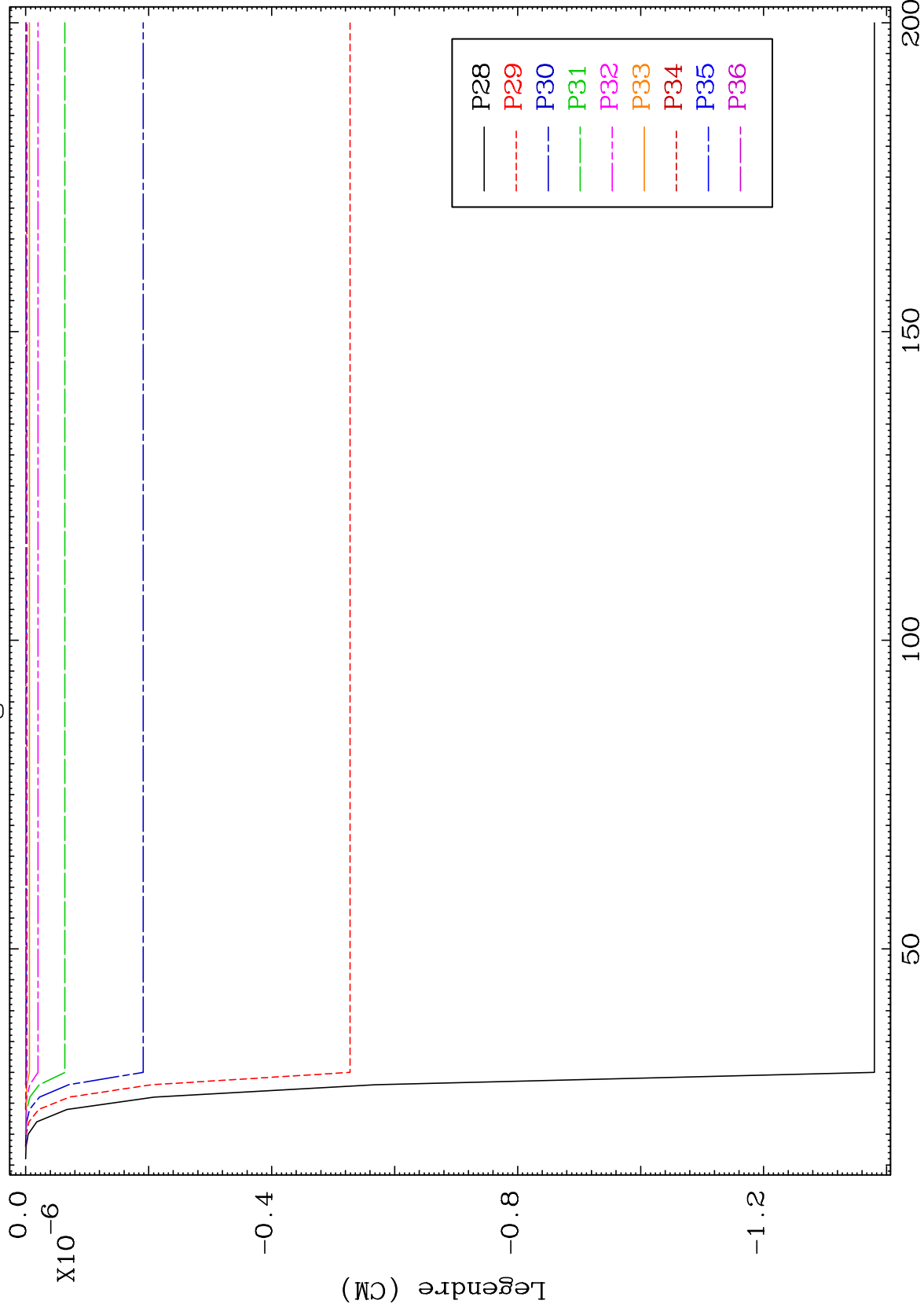


97

Incident Energy (MeV)

59-Pr-137

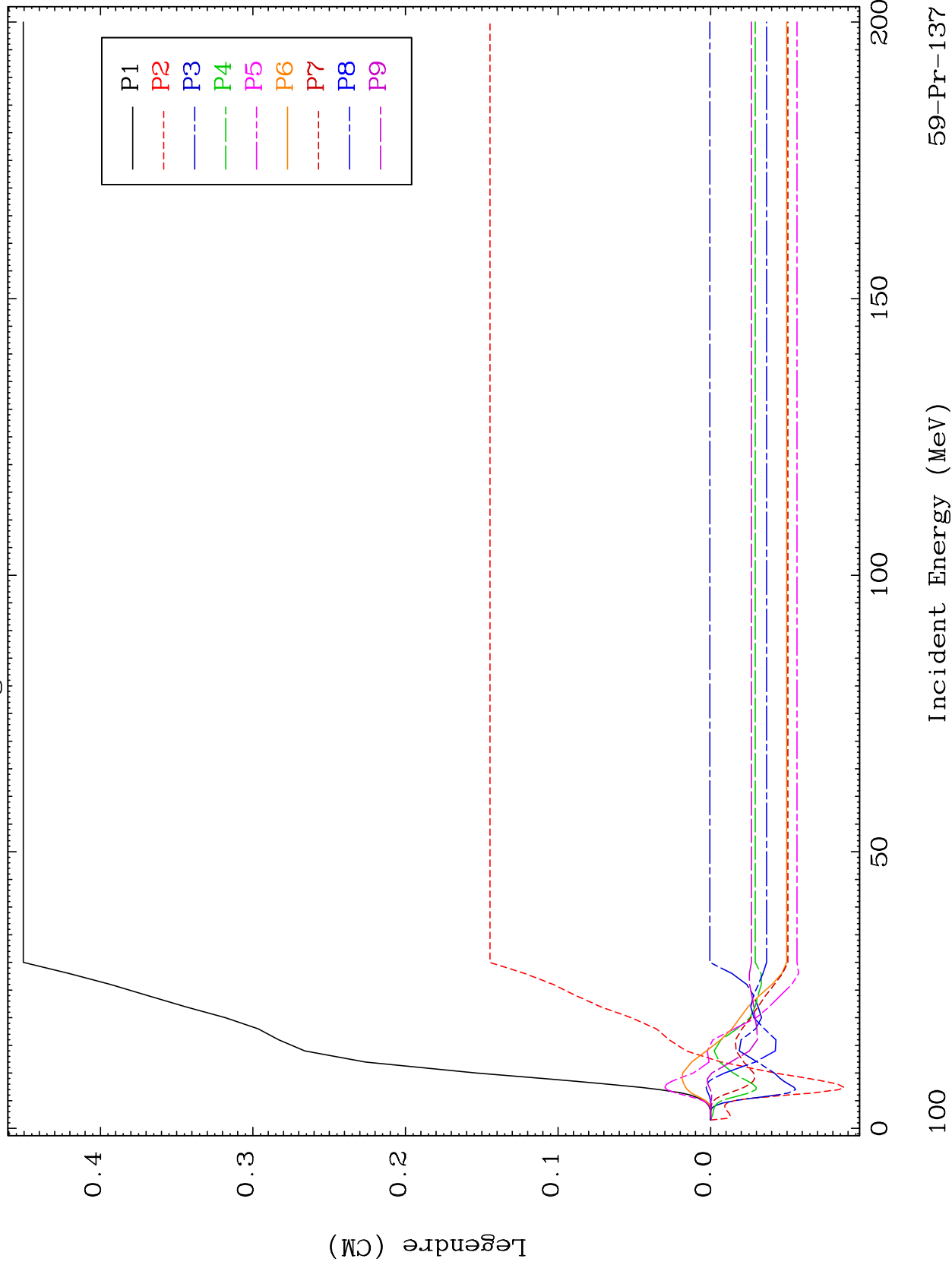




MAT 5913

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

59-Pr-137

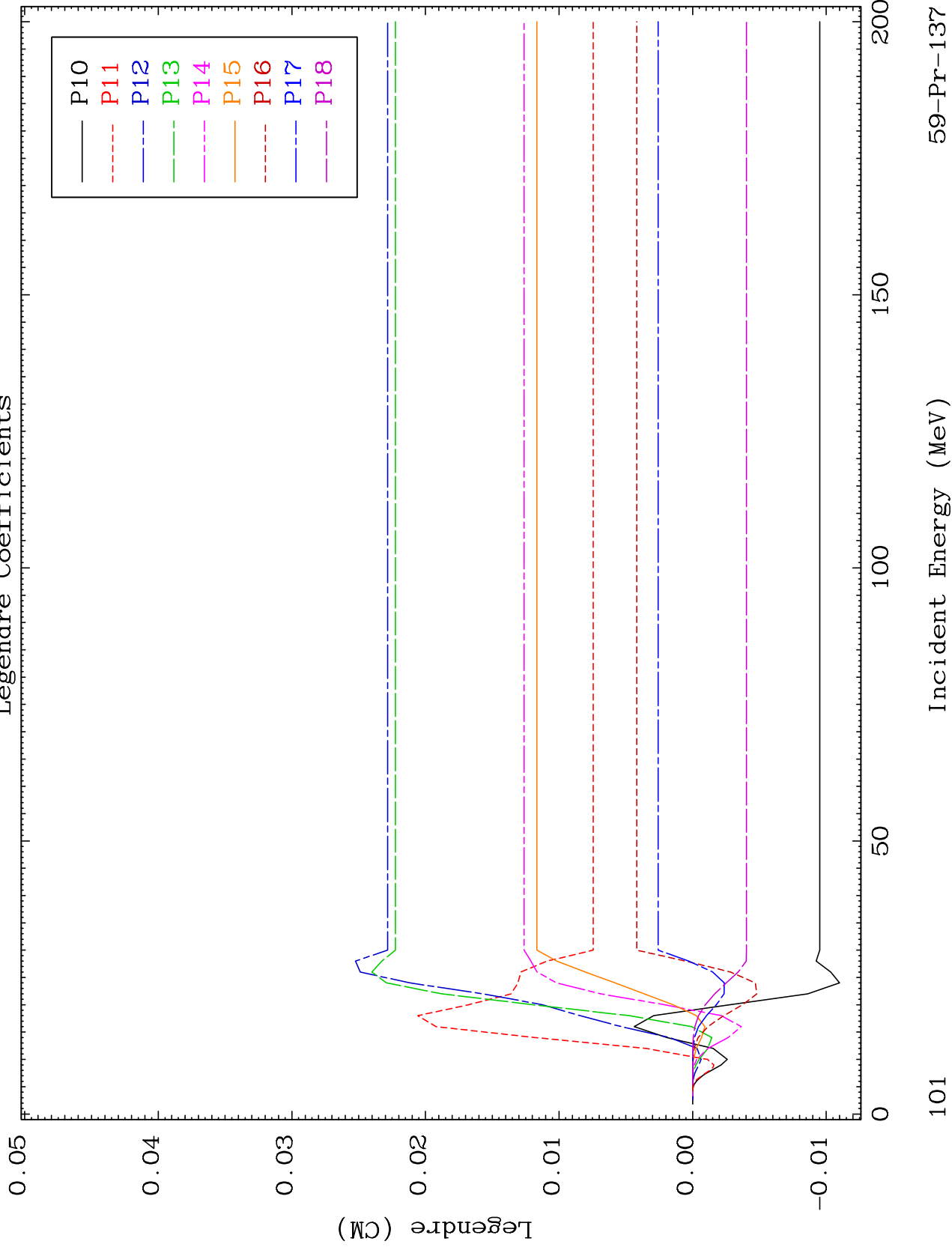


59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

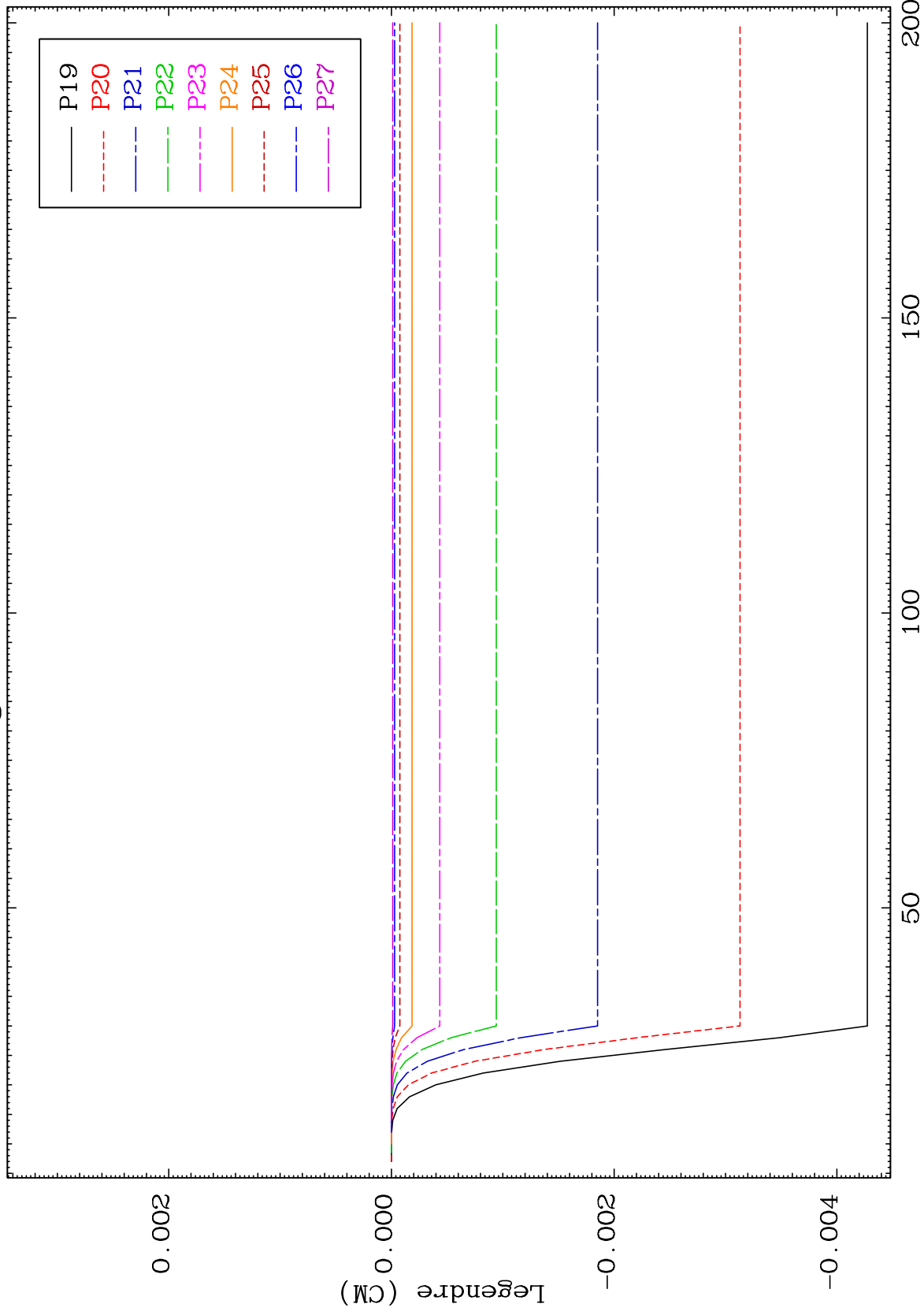
Incident Energy (MeV)

101

MAT 5913

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

59-Pr-137



102

Incident Energy (MeV)

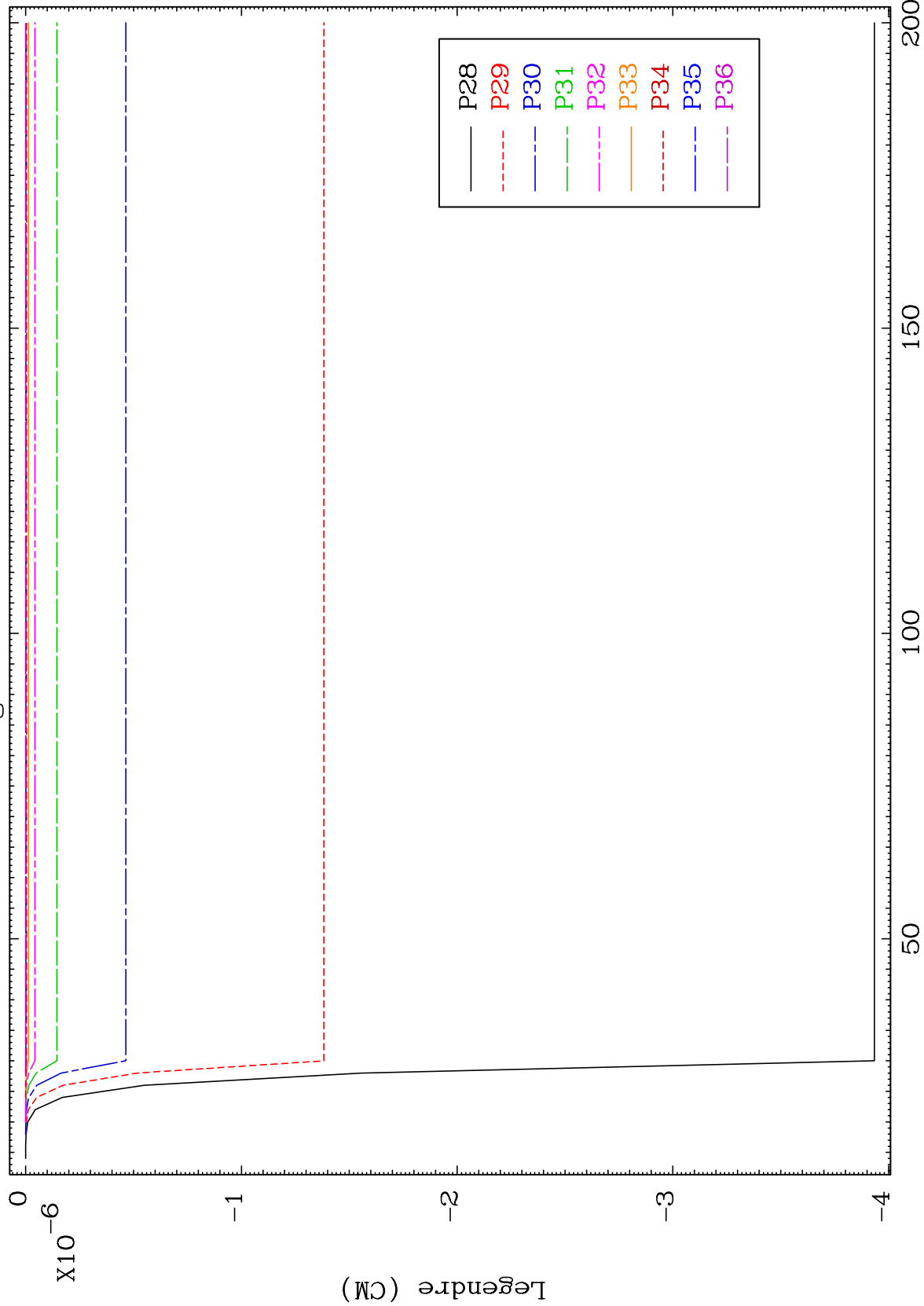
59-Pr-137

MAT 5913

MT= 71 (n,n') Level

59-Pr-137

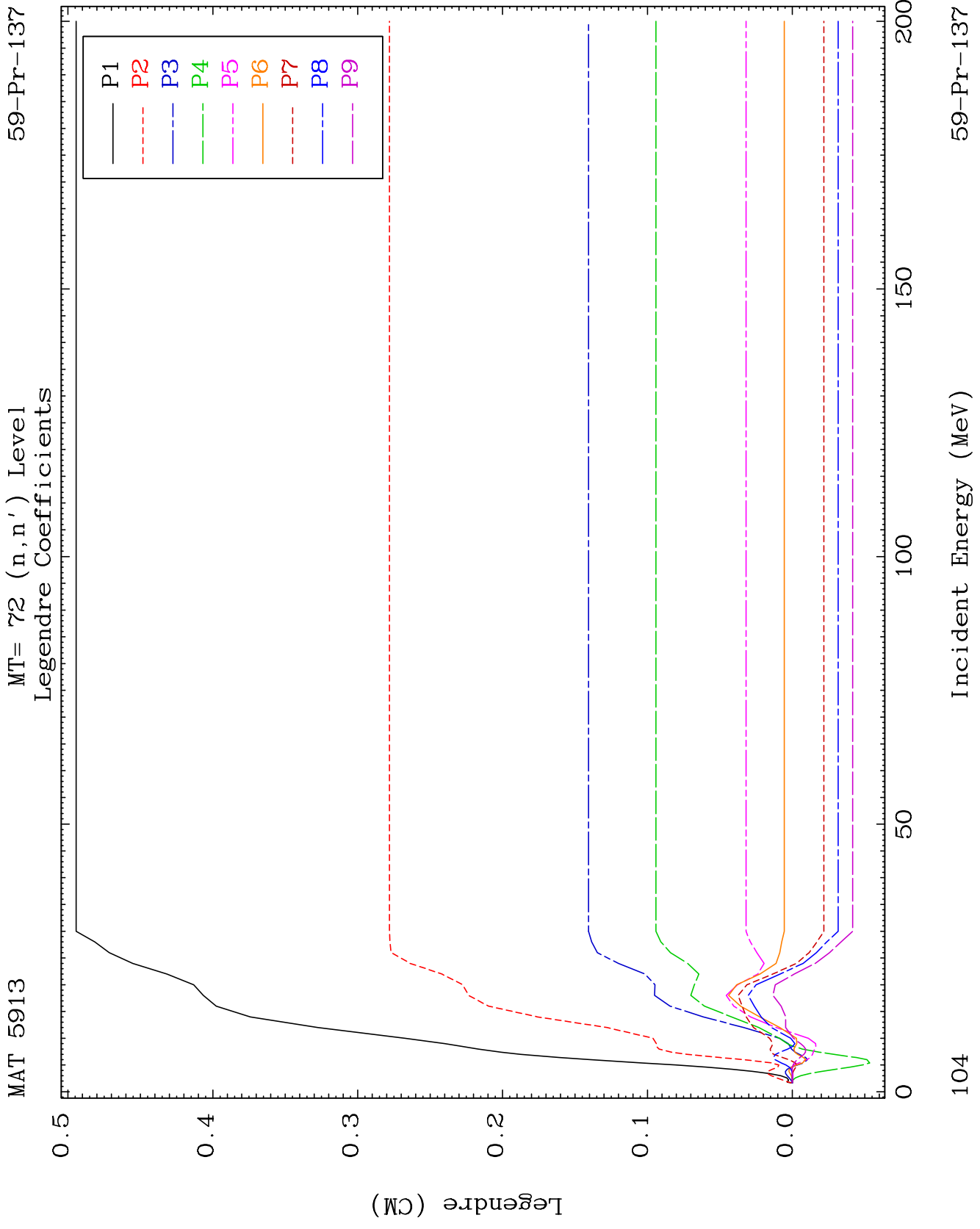
Legendre Coefficients



59-Pr-137

Incident Energy (MeV)

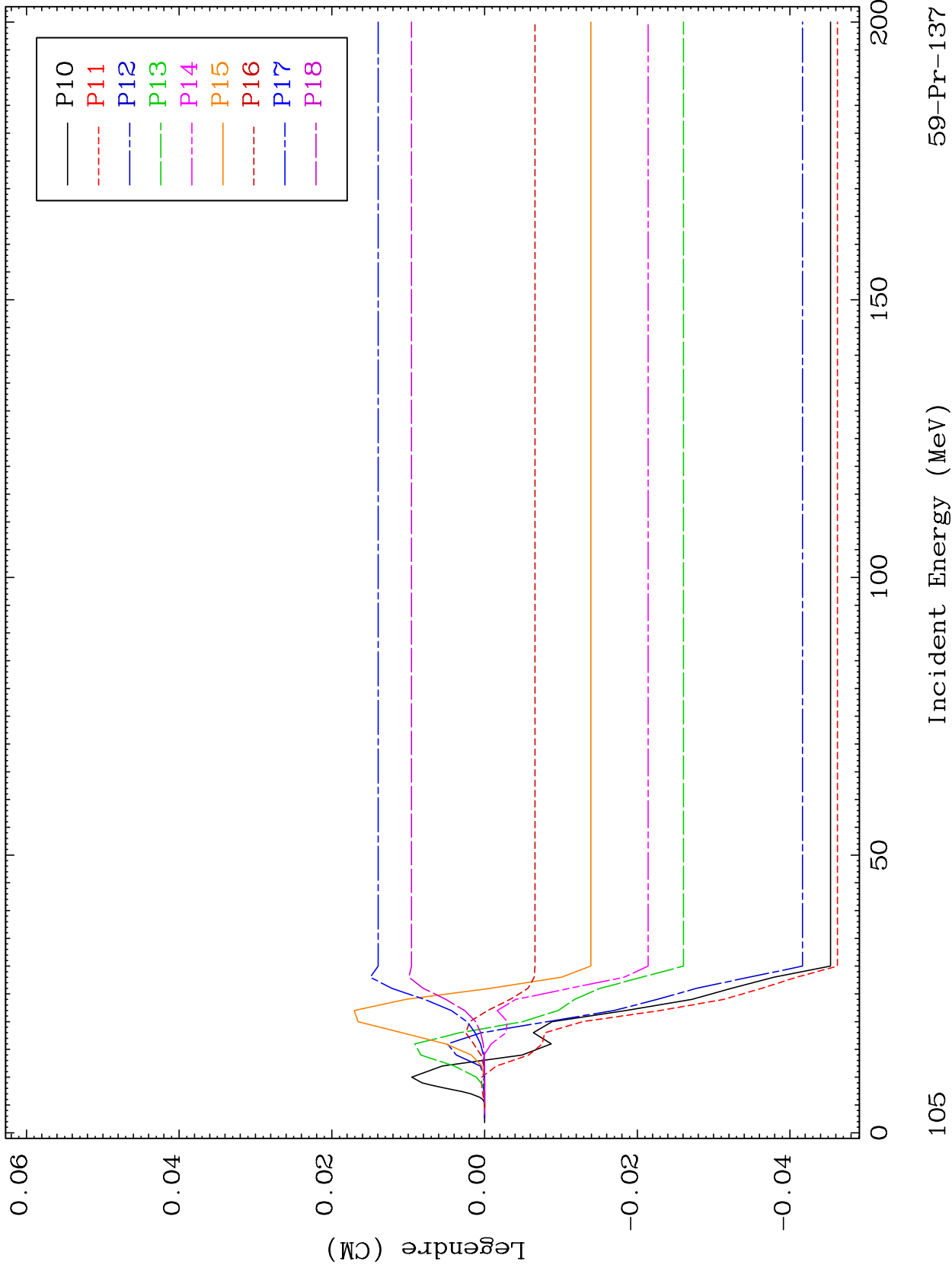
103



MAT 5913

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

59-Pr-137



59-Pr-137

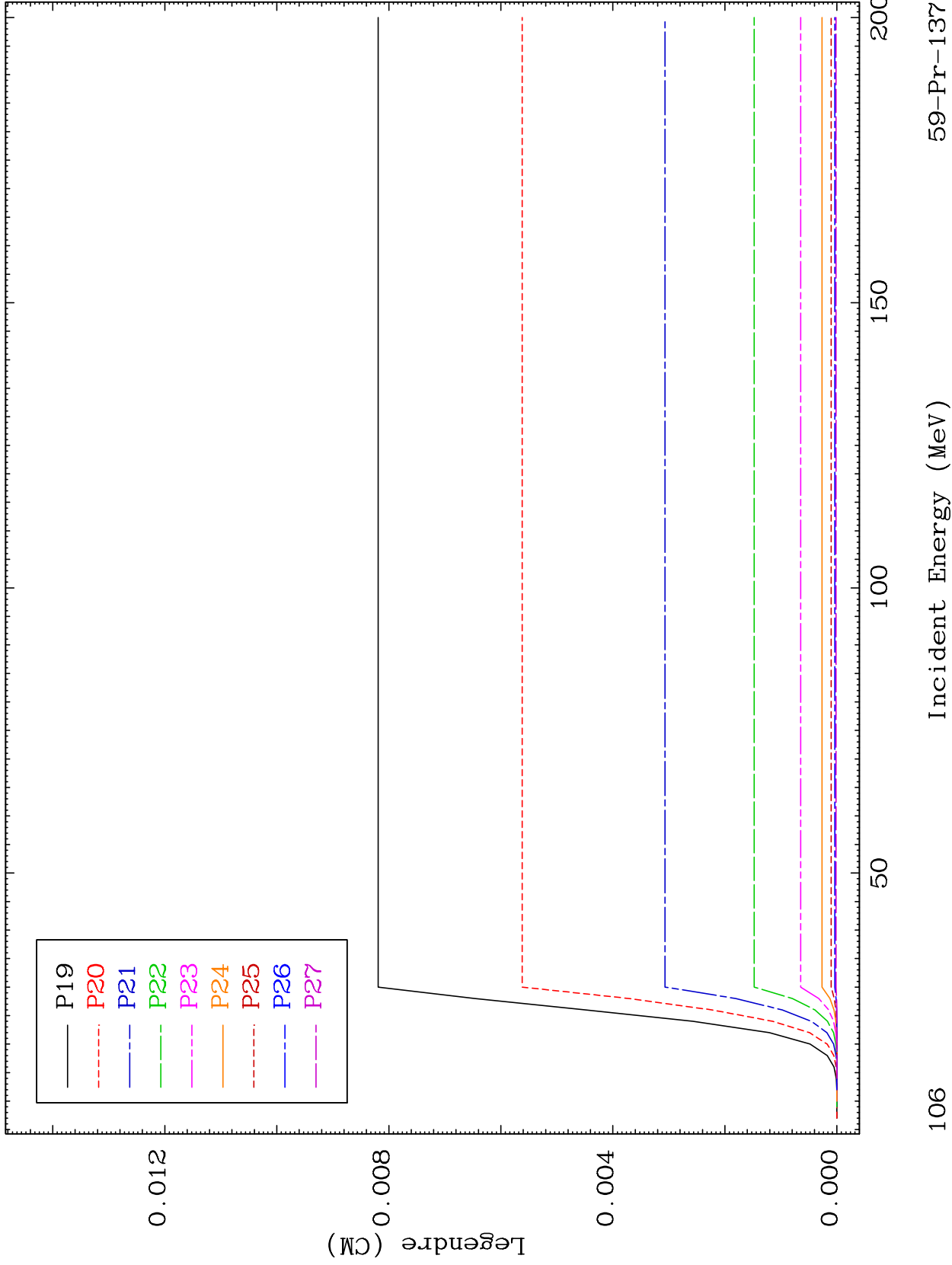
Incident Energy (MeV)

105

MAT 5913

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

59-Pr-137



106

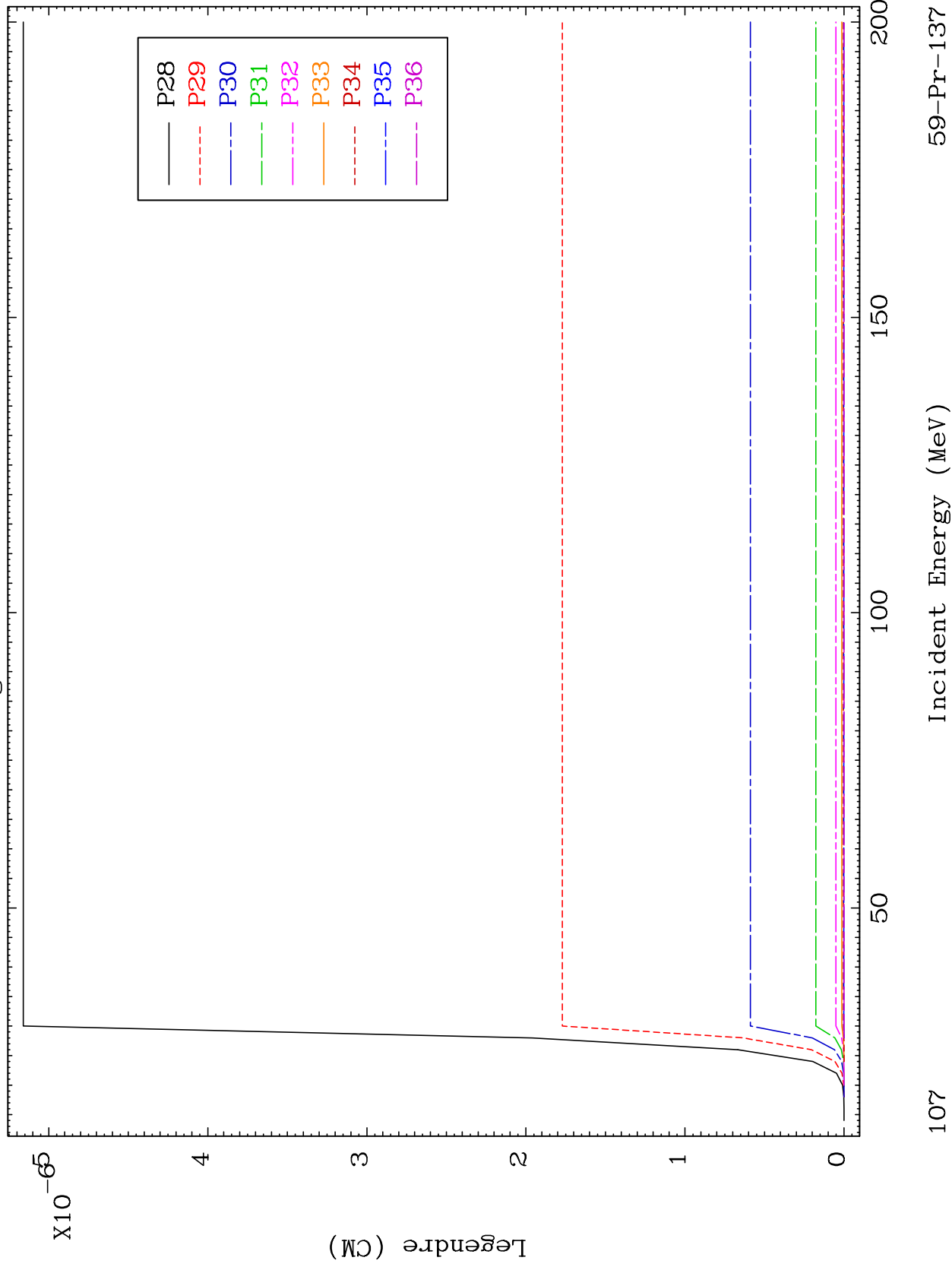
Incident Energy (MeV)

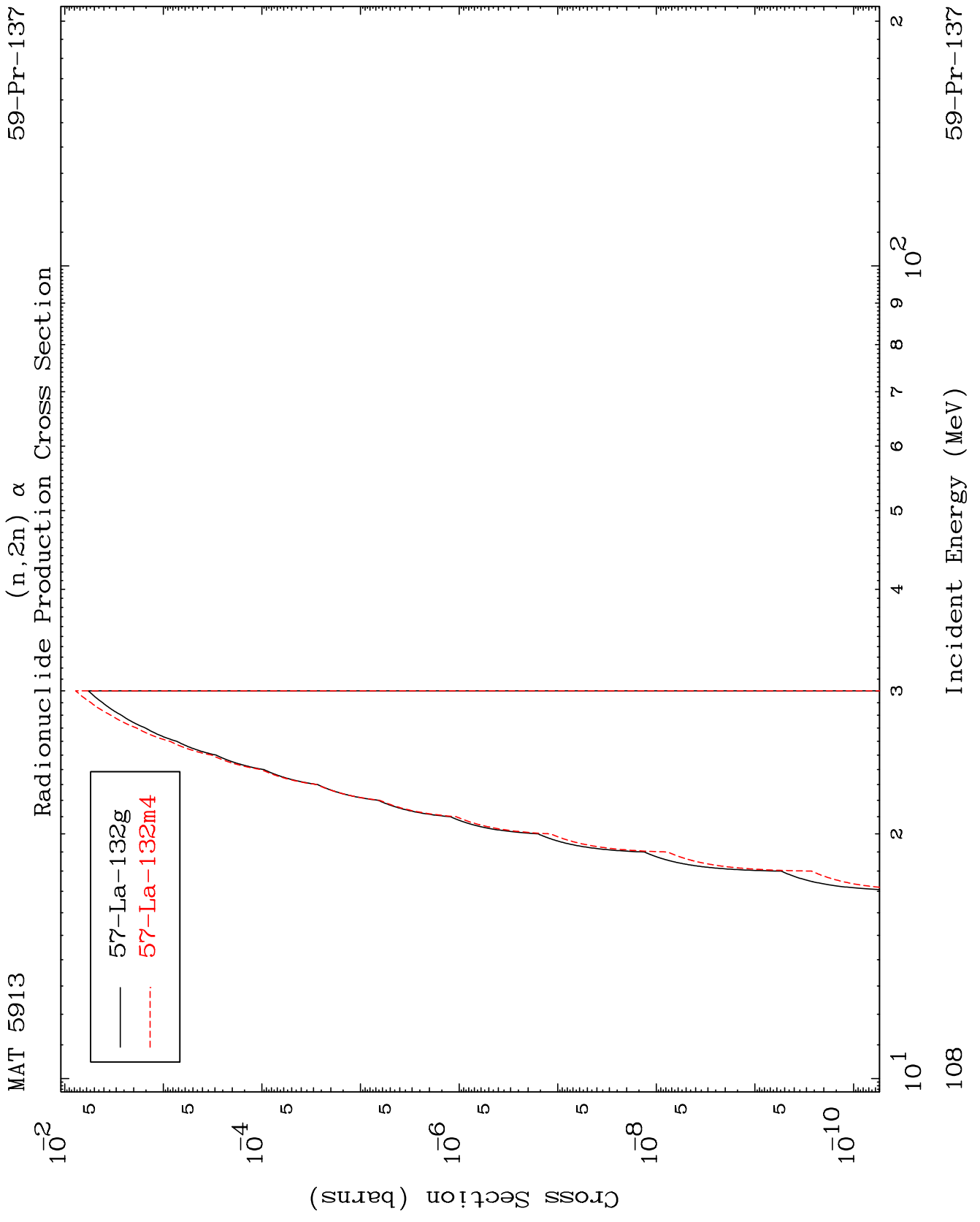
59-Pr-137

MAT 5913

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

59-Pr-137

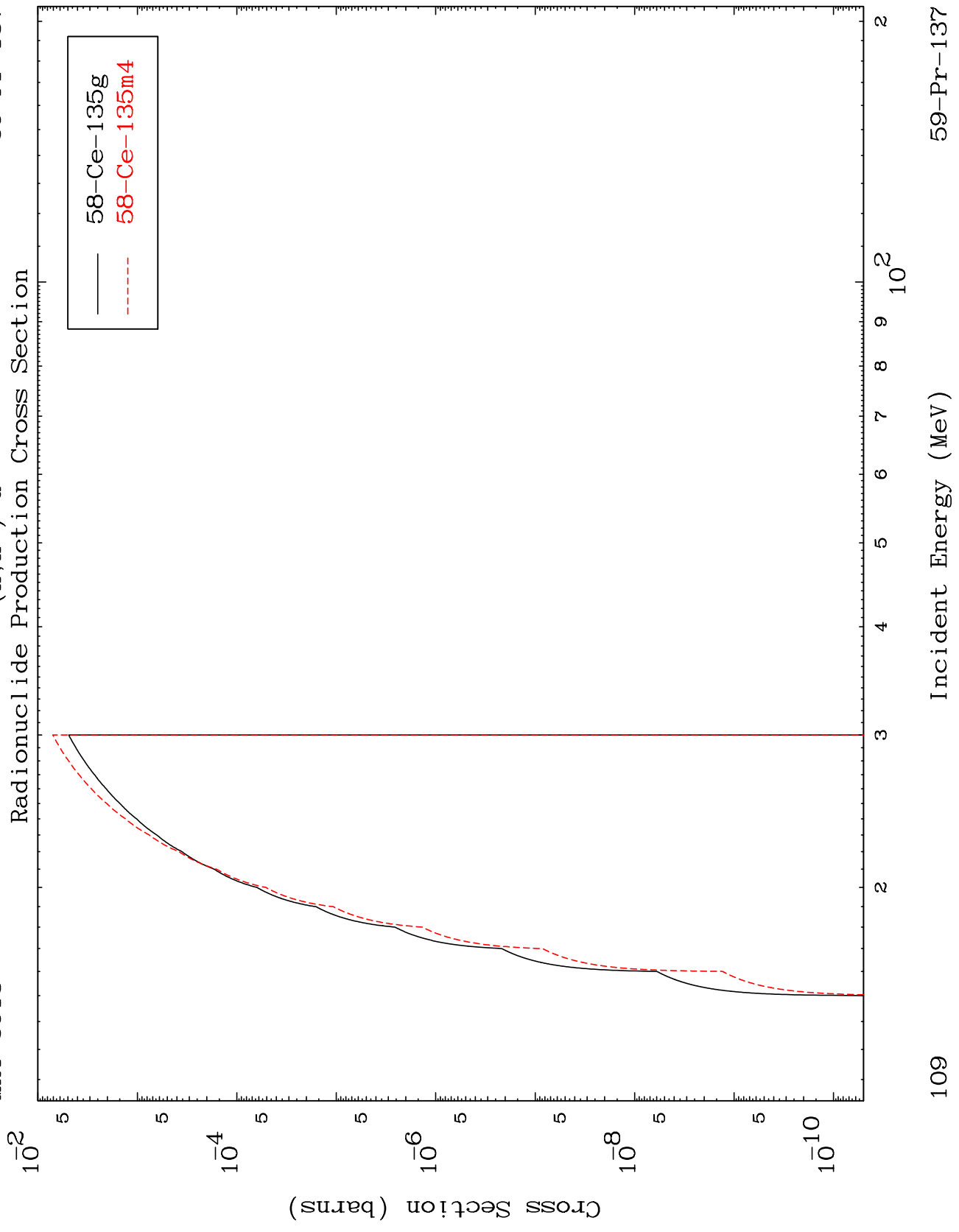




MAT 5913

(n,n') d

59-Pr-137



109

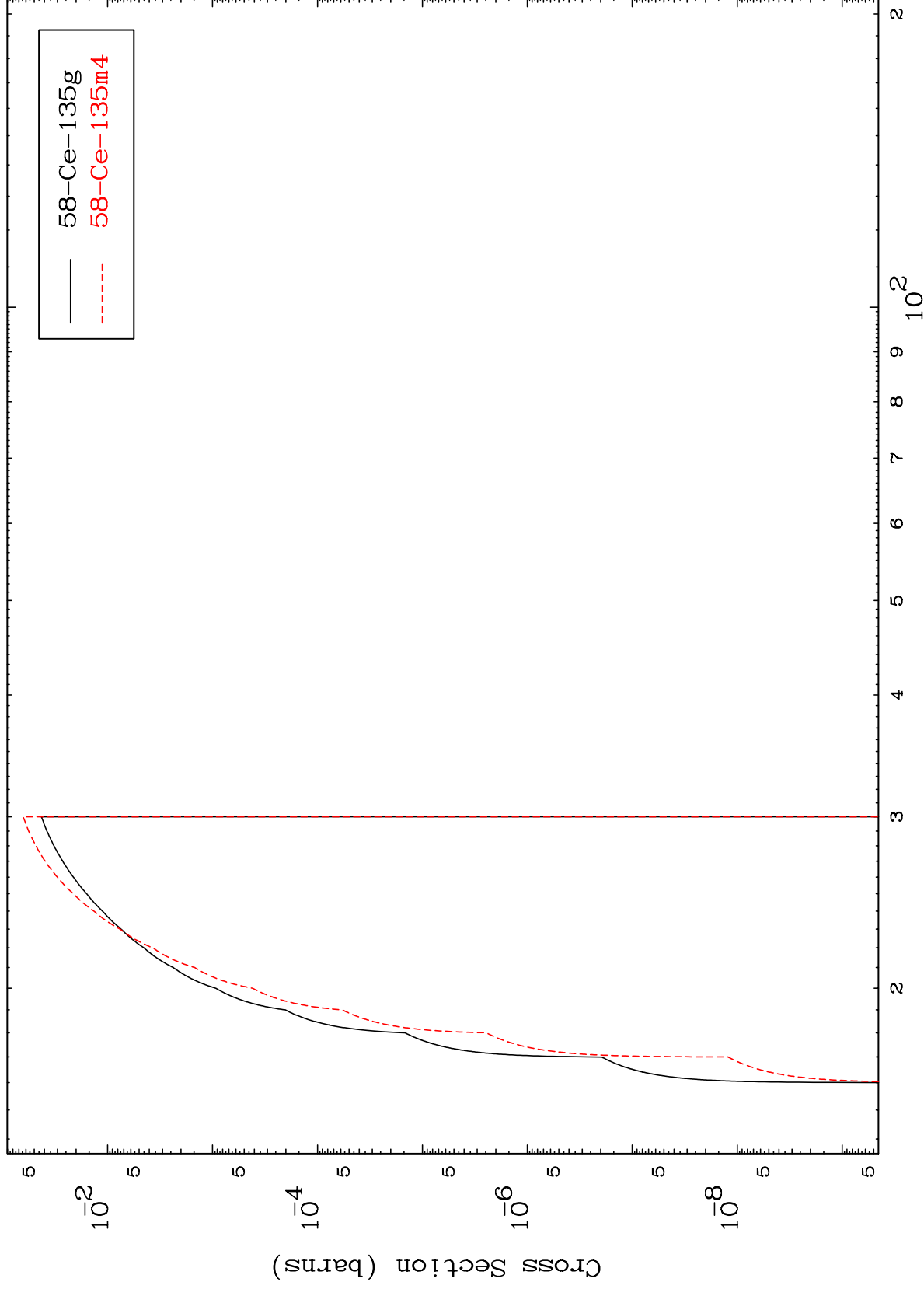
59-Pr-137

MAT 5913

(n,2n) p

59-Pr-137

Radionuclide Production Cross Section



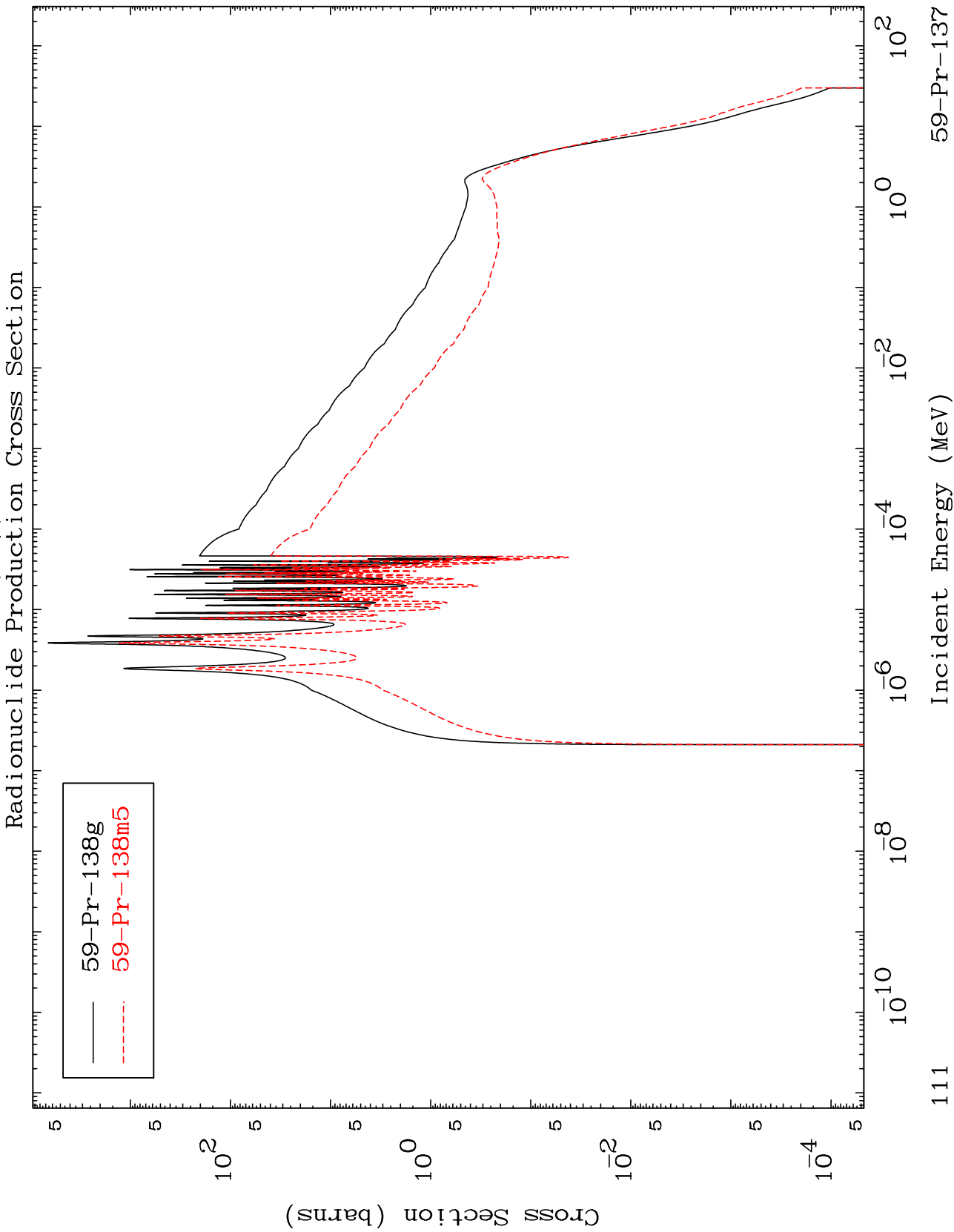
110

Incident Energy (MeV)

59-Pr-137

MAT 5913

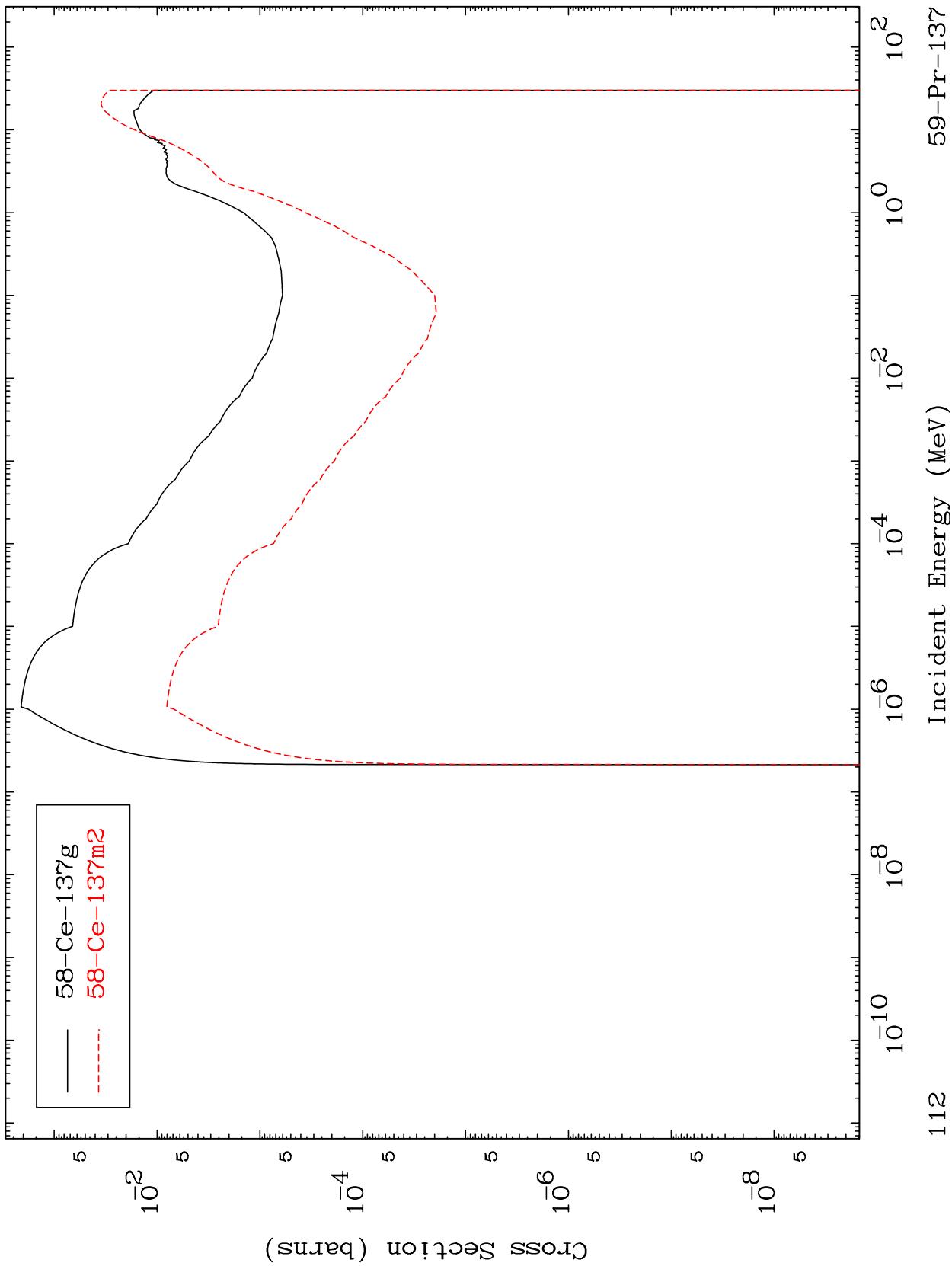
59-Pr-137



MAT 5913

59-Pr-137

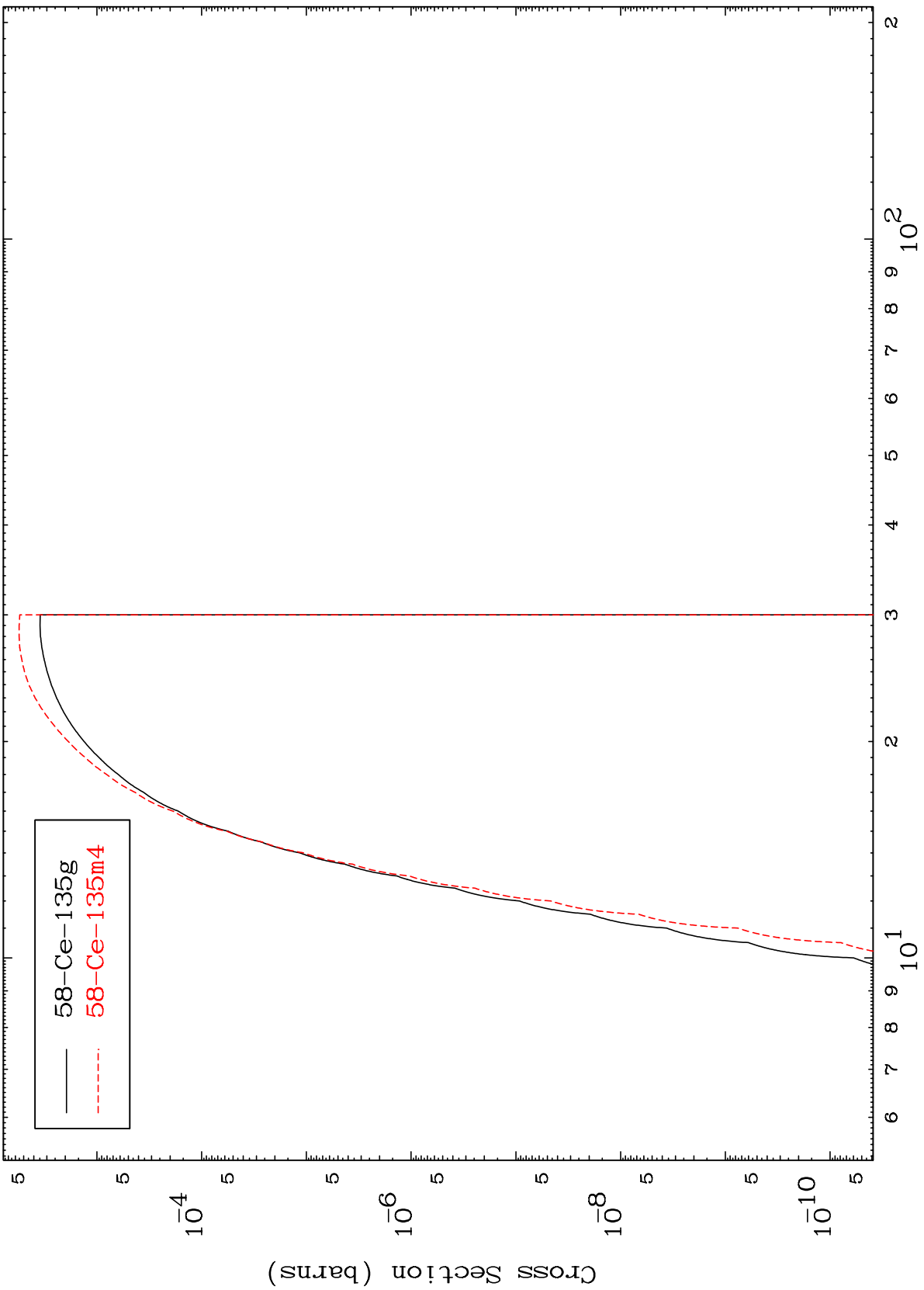
(n,p)
Radionuclide Production Cross Section



MAT 5913

59-Pr-137

(n,t)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

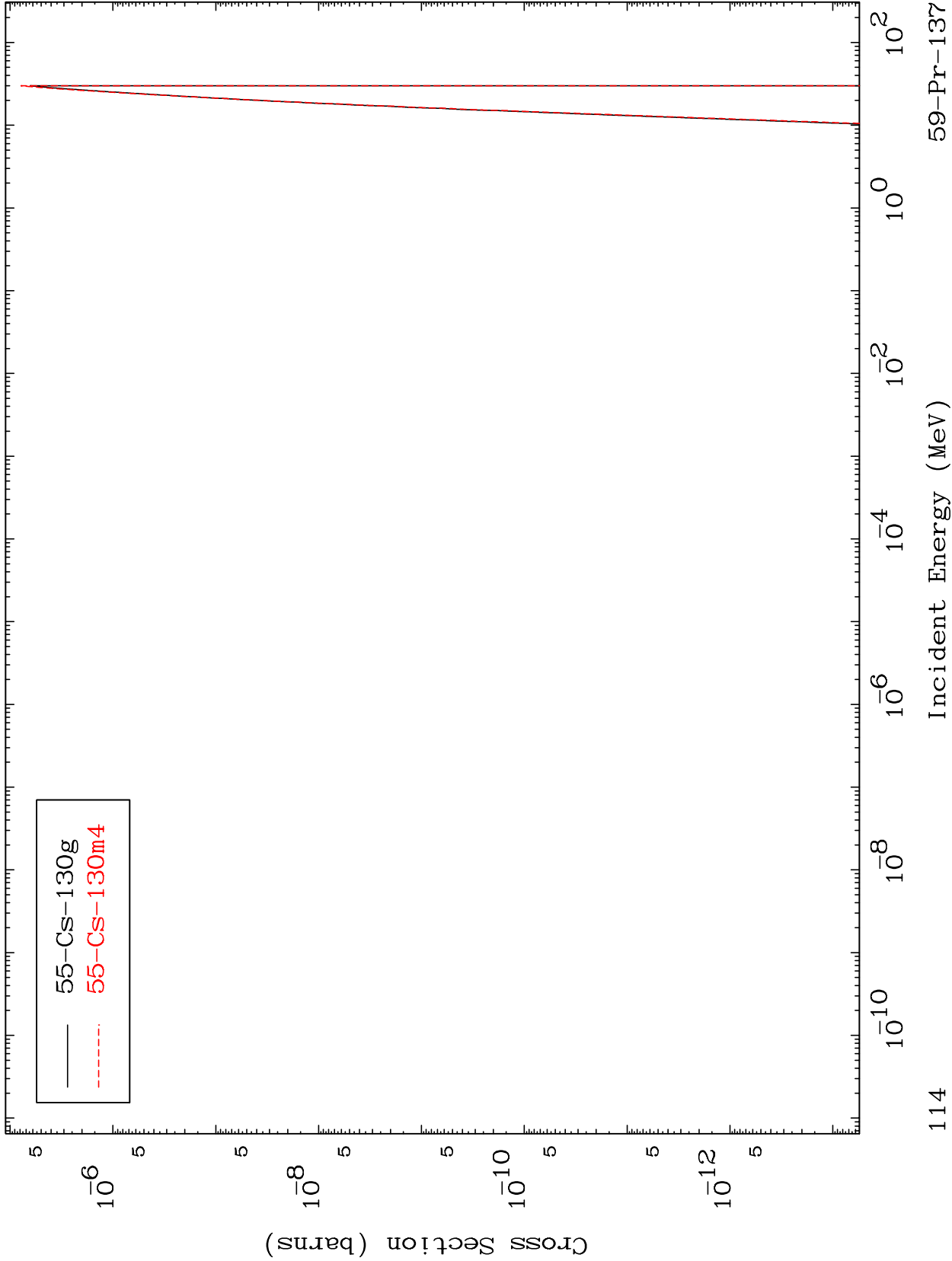
59-Pr-137

MAT 5913

(n,2α)

59-Pr-137

Radionuclide Production Cross Section

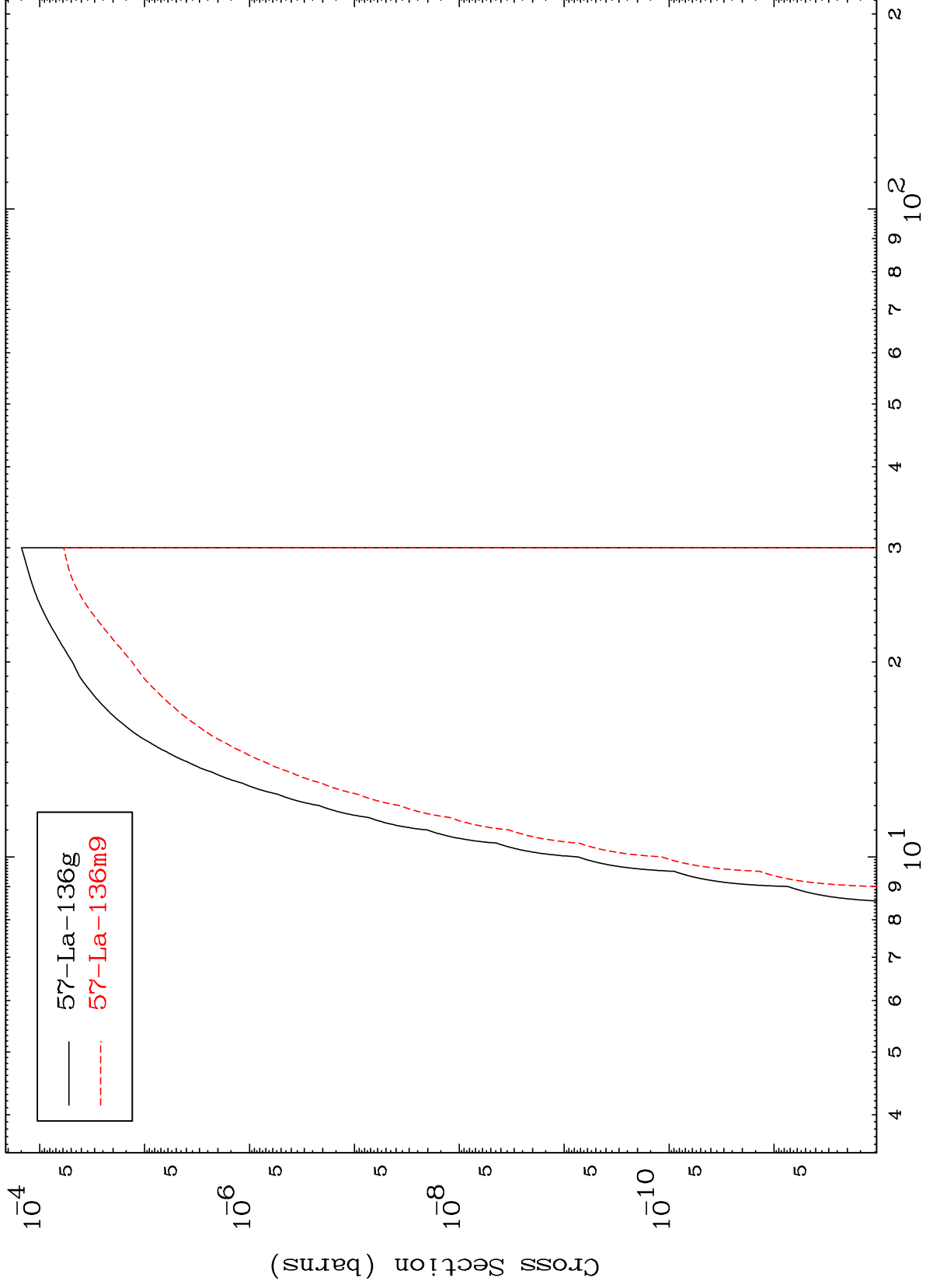


55-Cs-130g
55-Cs-130m4

MAT 5913

59-Pr-137

(n,2p)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

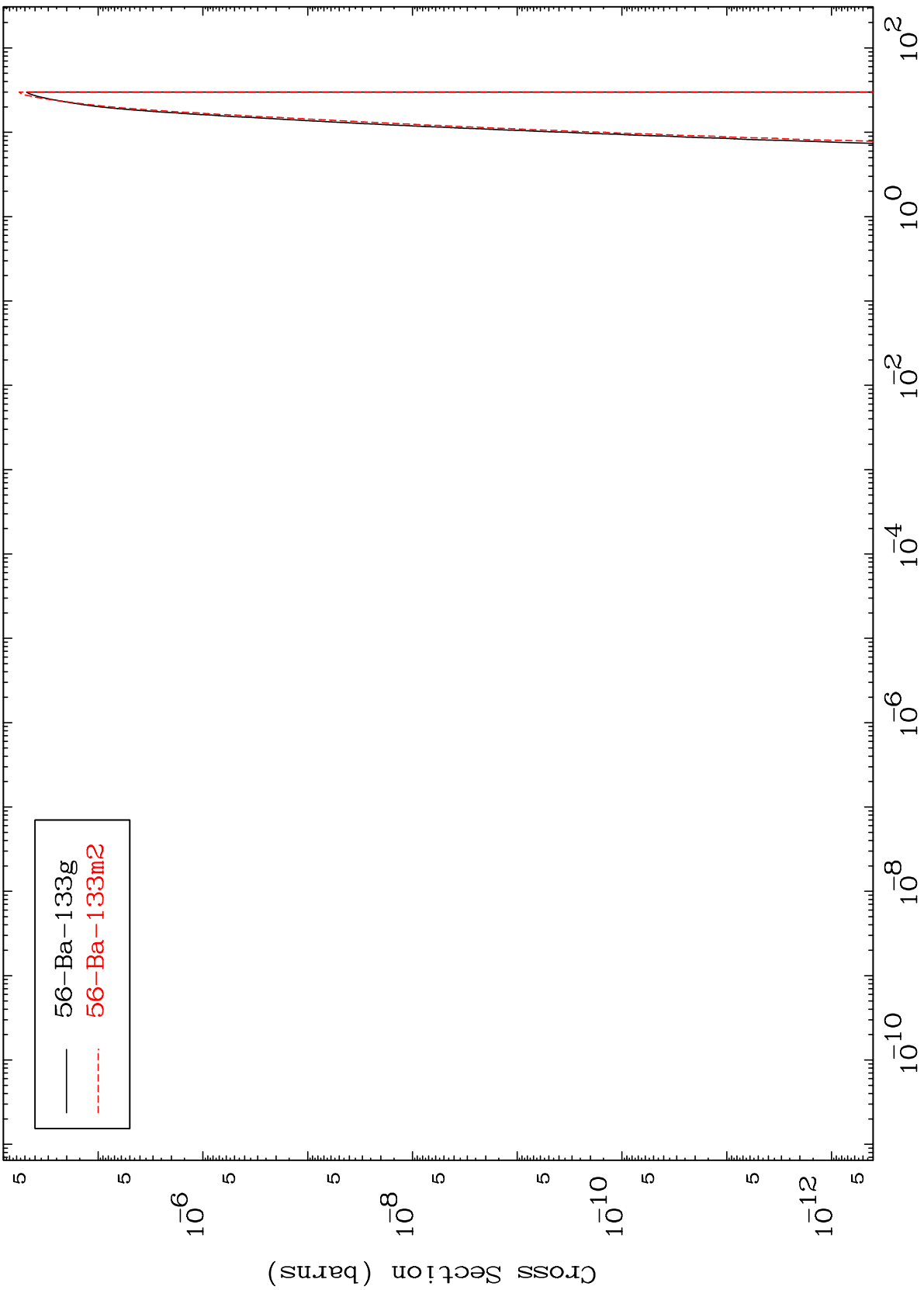
59-Pr-137

MAT 5913

(n,p) α

59-Pr-137

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2