

Program EVALPLOT
(Version 2021-1)

by

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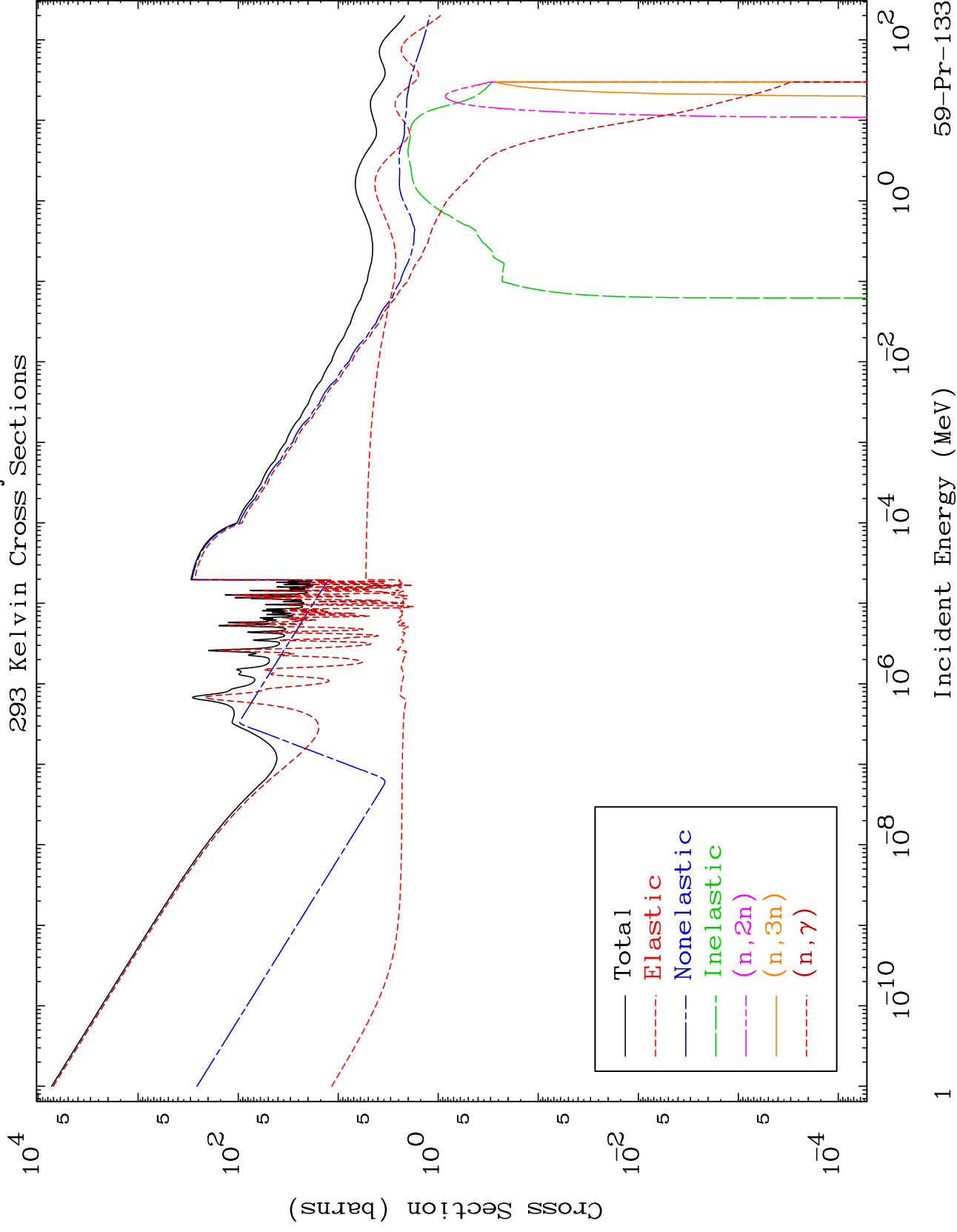
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5901

Neutron Major
293 Kelvin Cross Sections

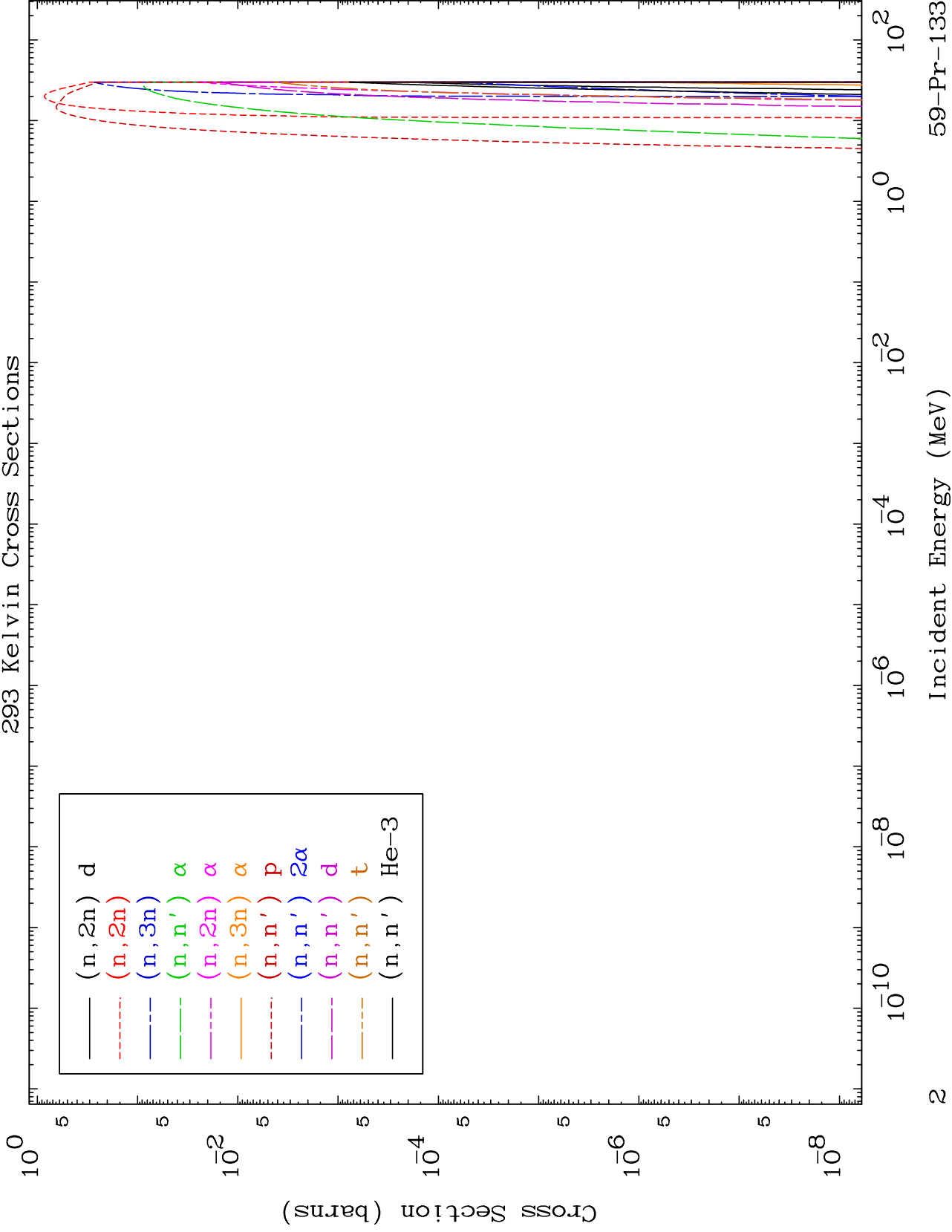
59-Pr-133

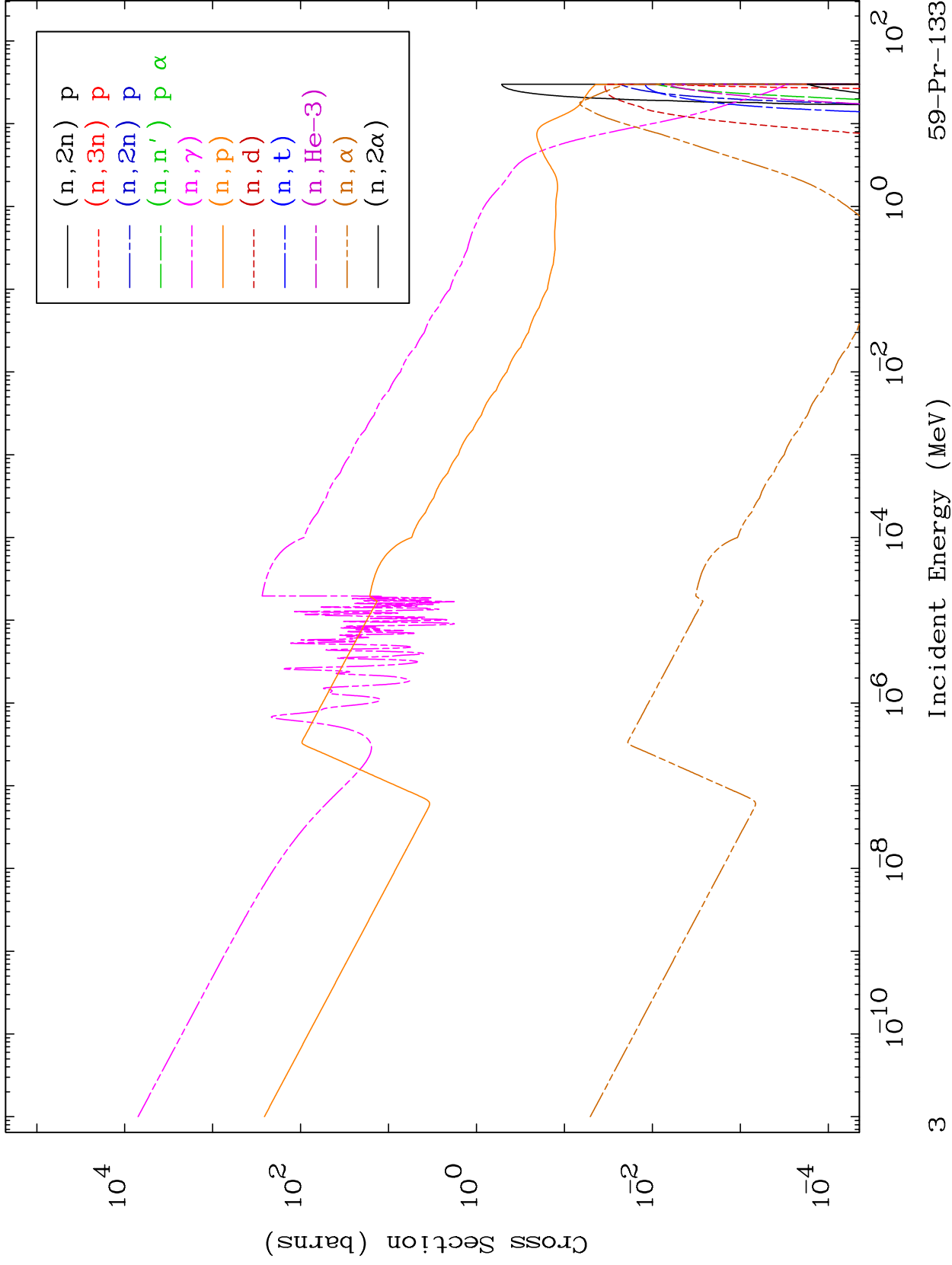


MAT 5901

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-133

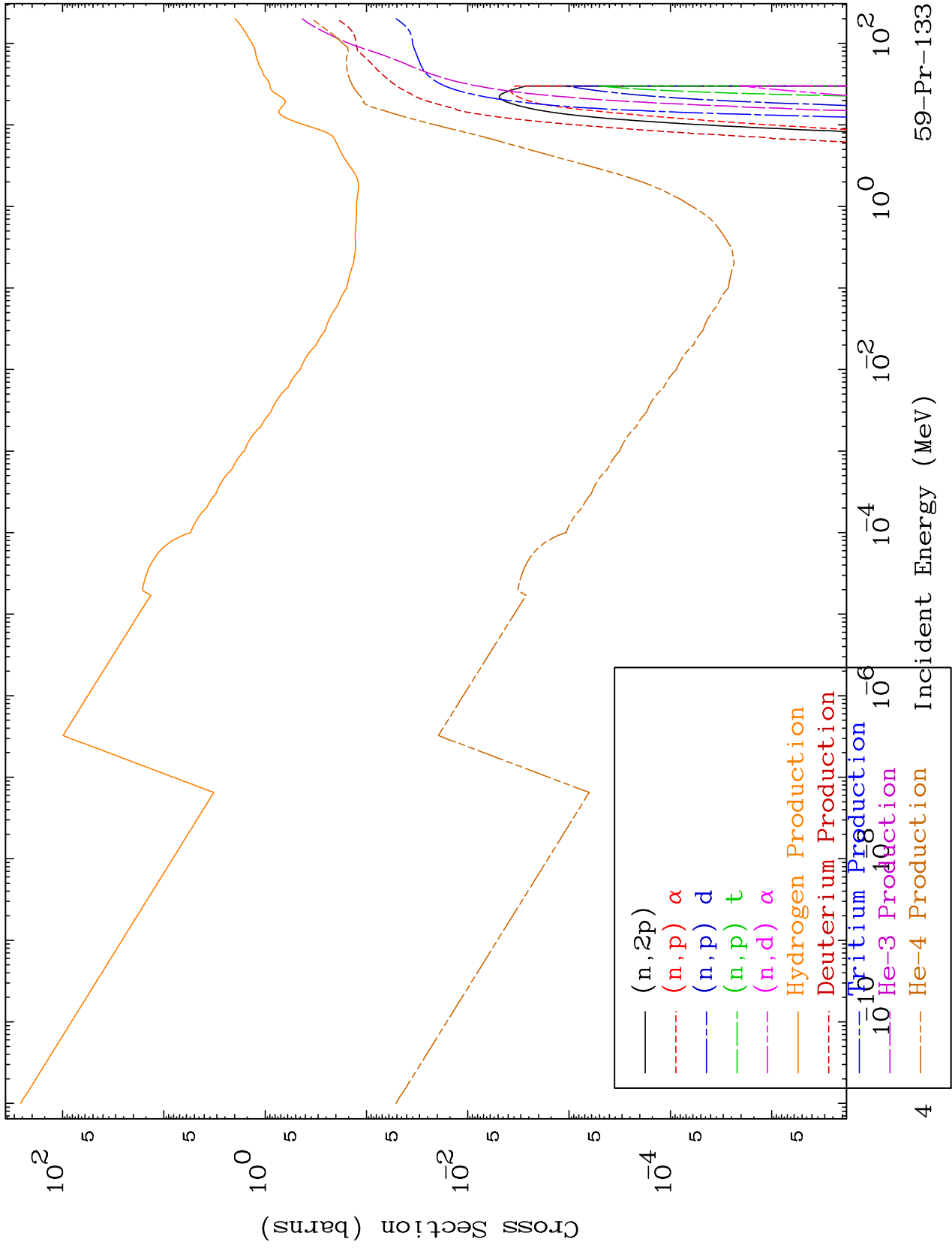




MAT 5901

Neutron Absorption
293 Kelvin Cross Sections

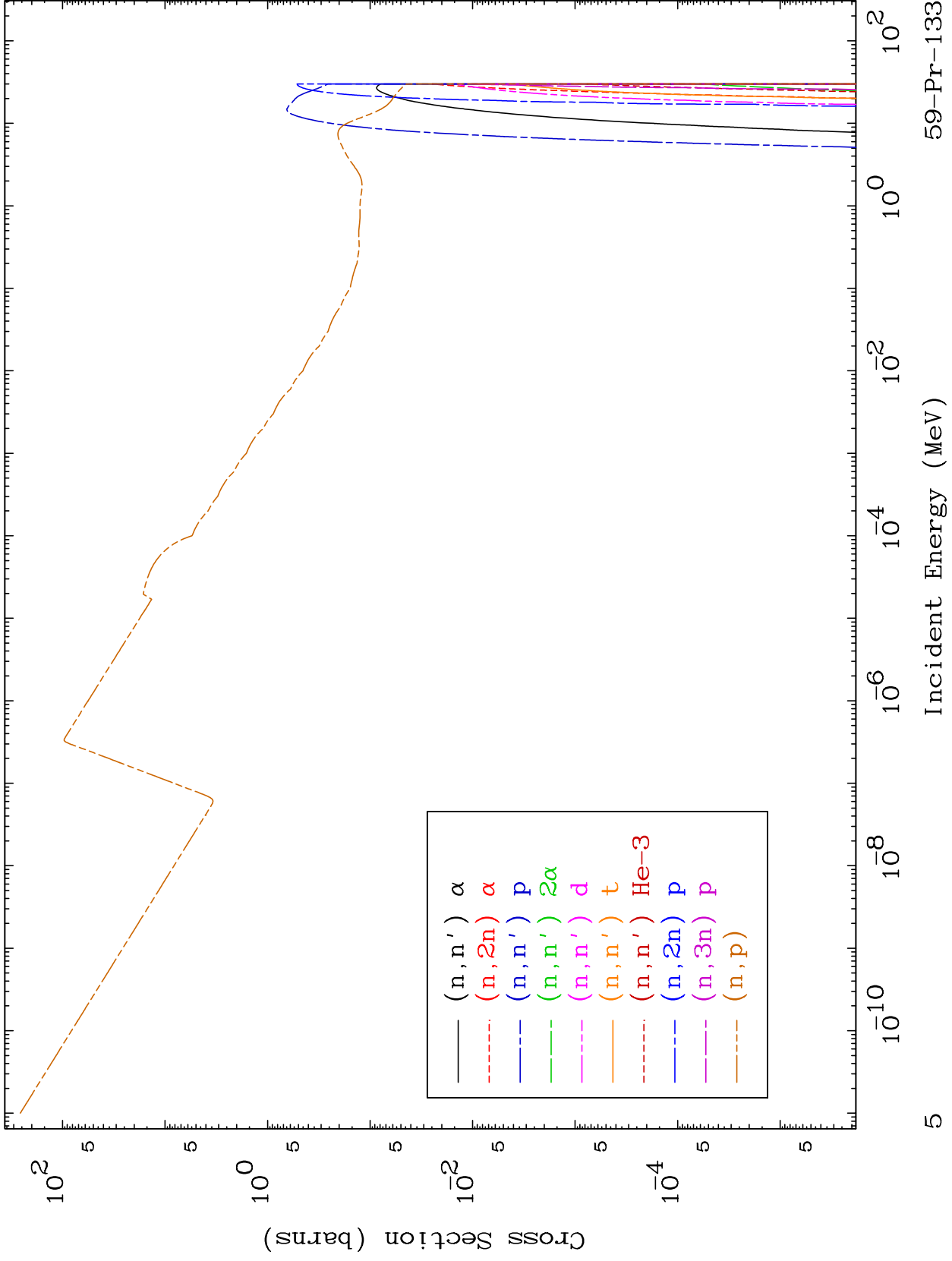
59-Pr-133



MAT 5901

Charged Particle
293 Kelvin Cross Sections

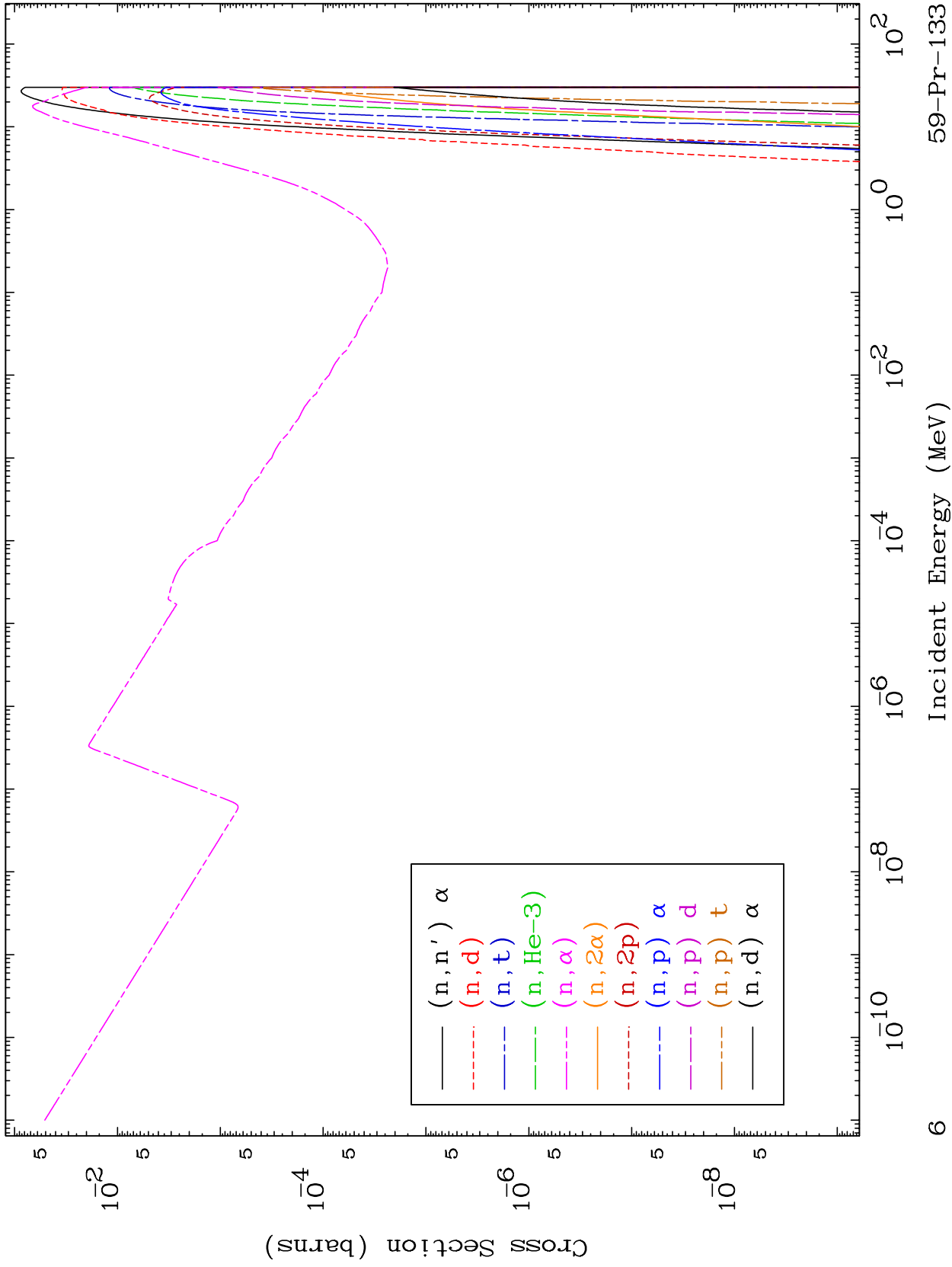
59-Pr-133



MAT 5901

Charged Particle
293 Kelvin Cross Sections

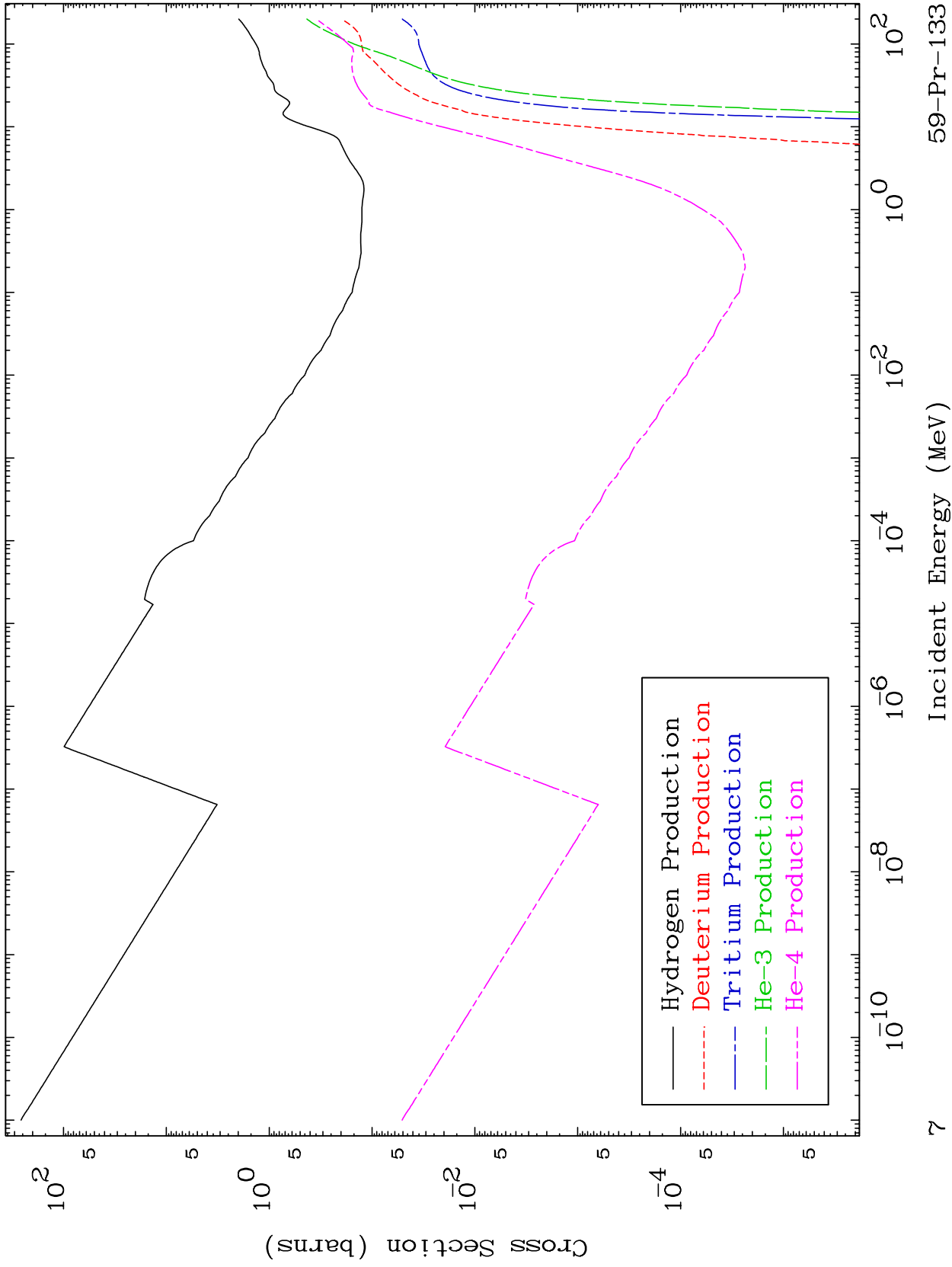
59-Pr-133

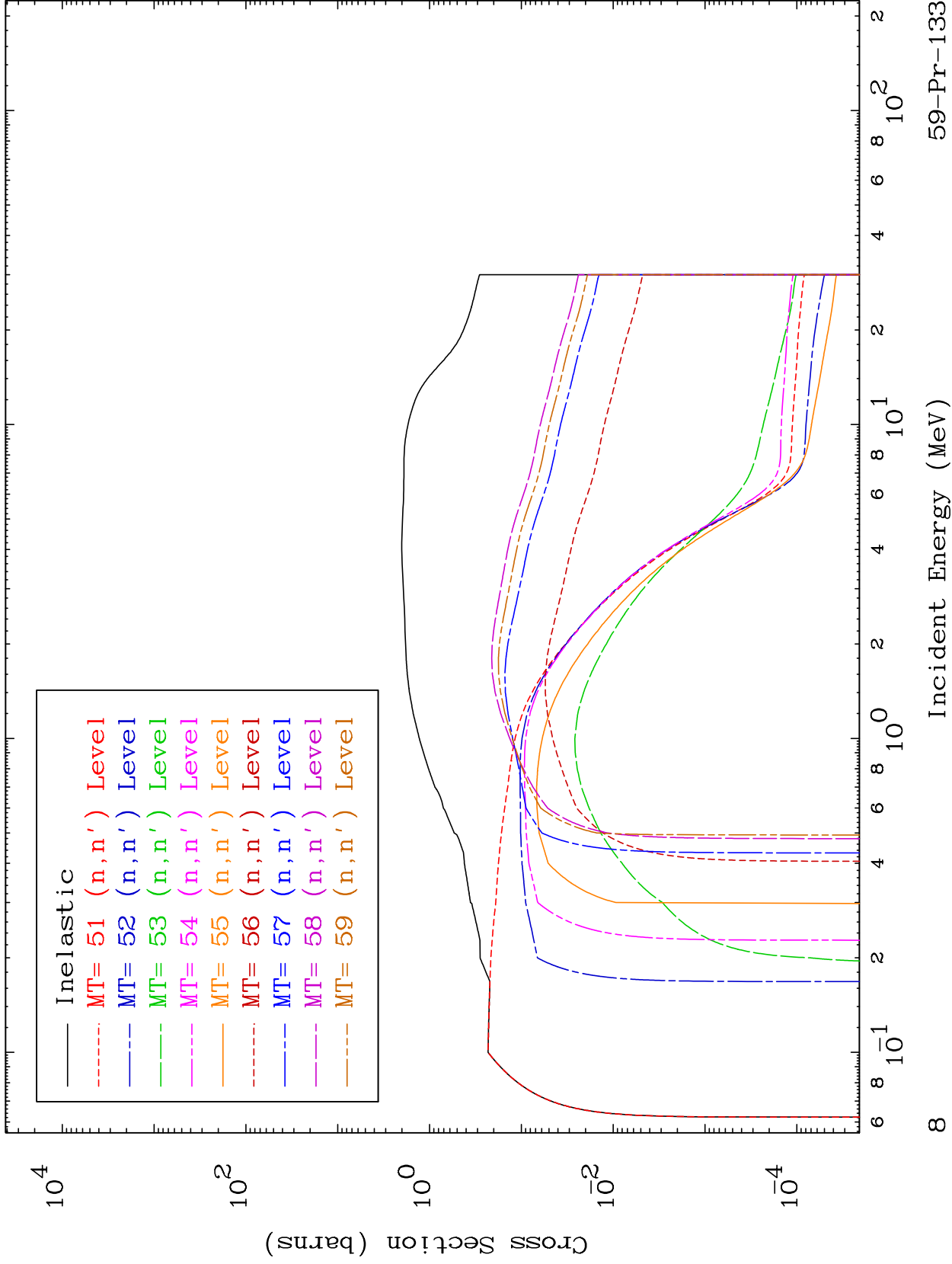


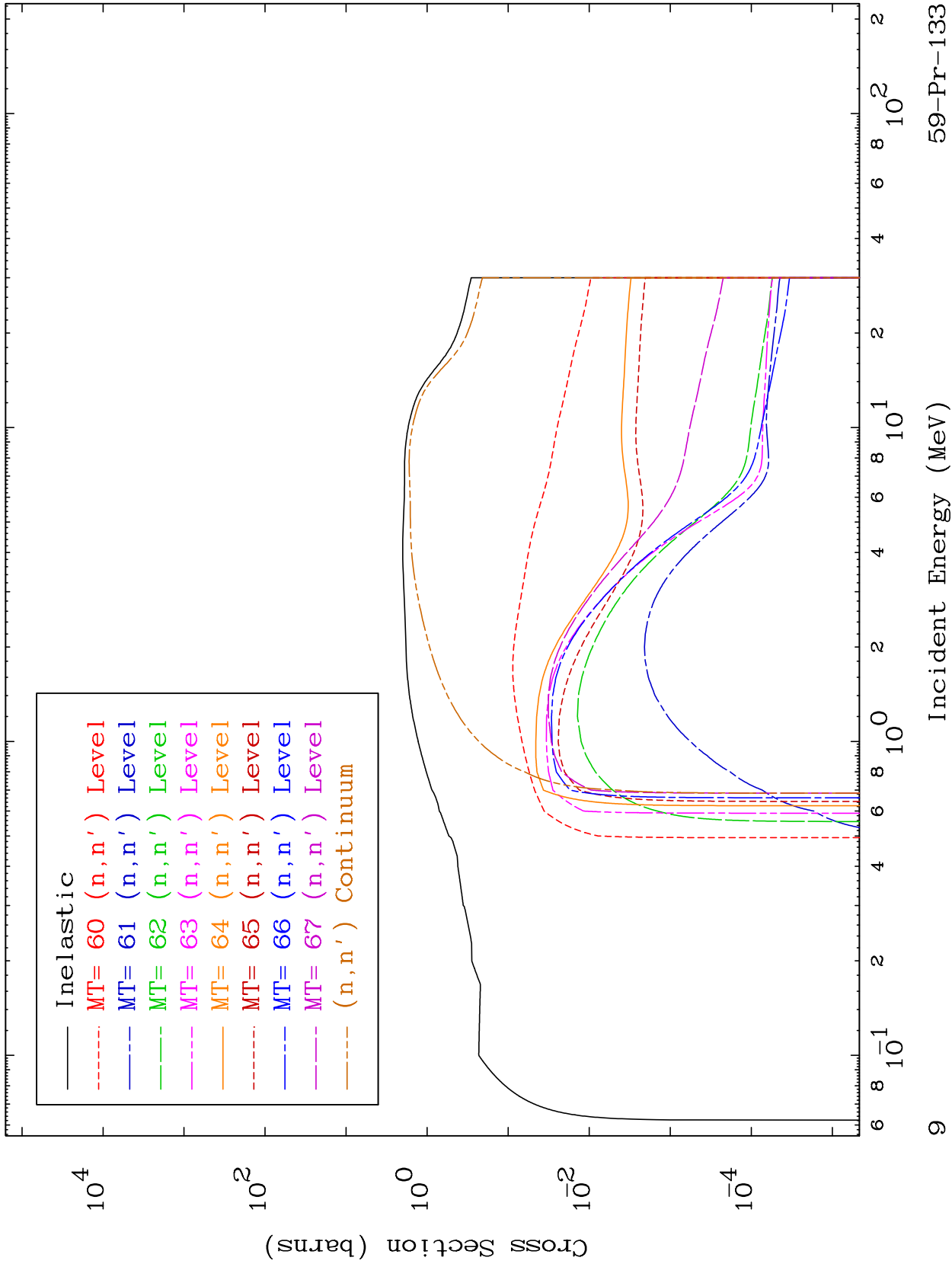
MAT 5901

Particle Production
293 Kelvin Cross Sections

59-Pr-133



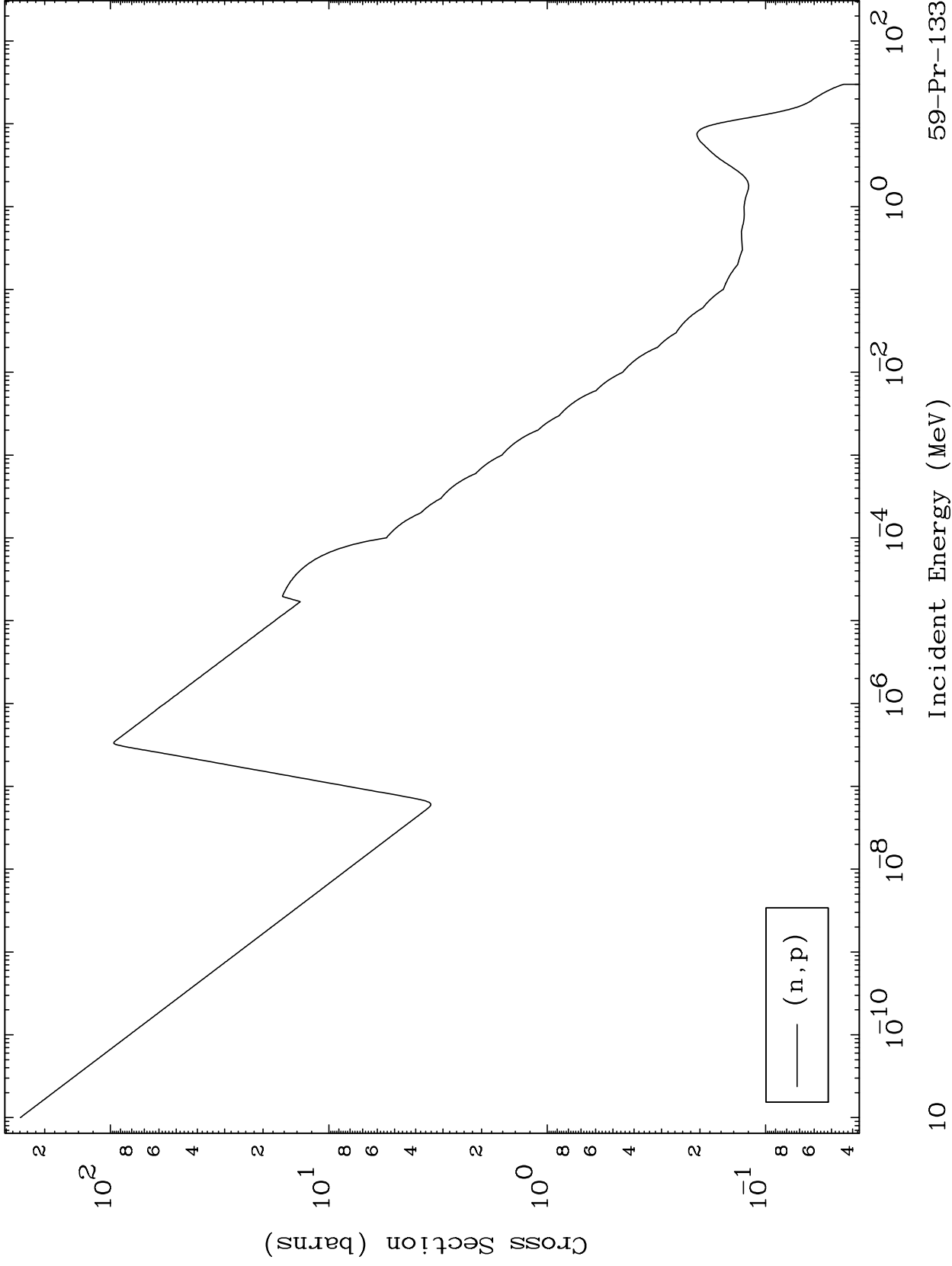




MAT 5901

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-133



10

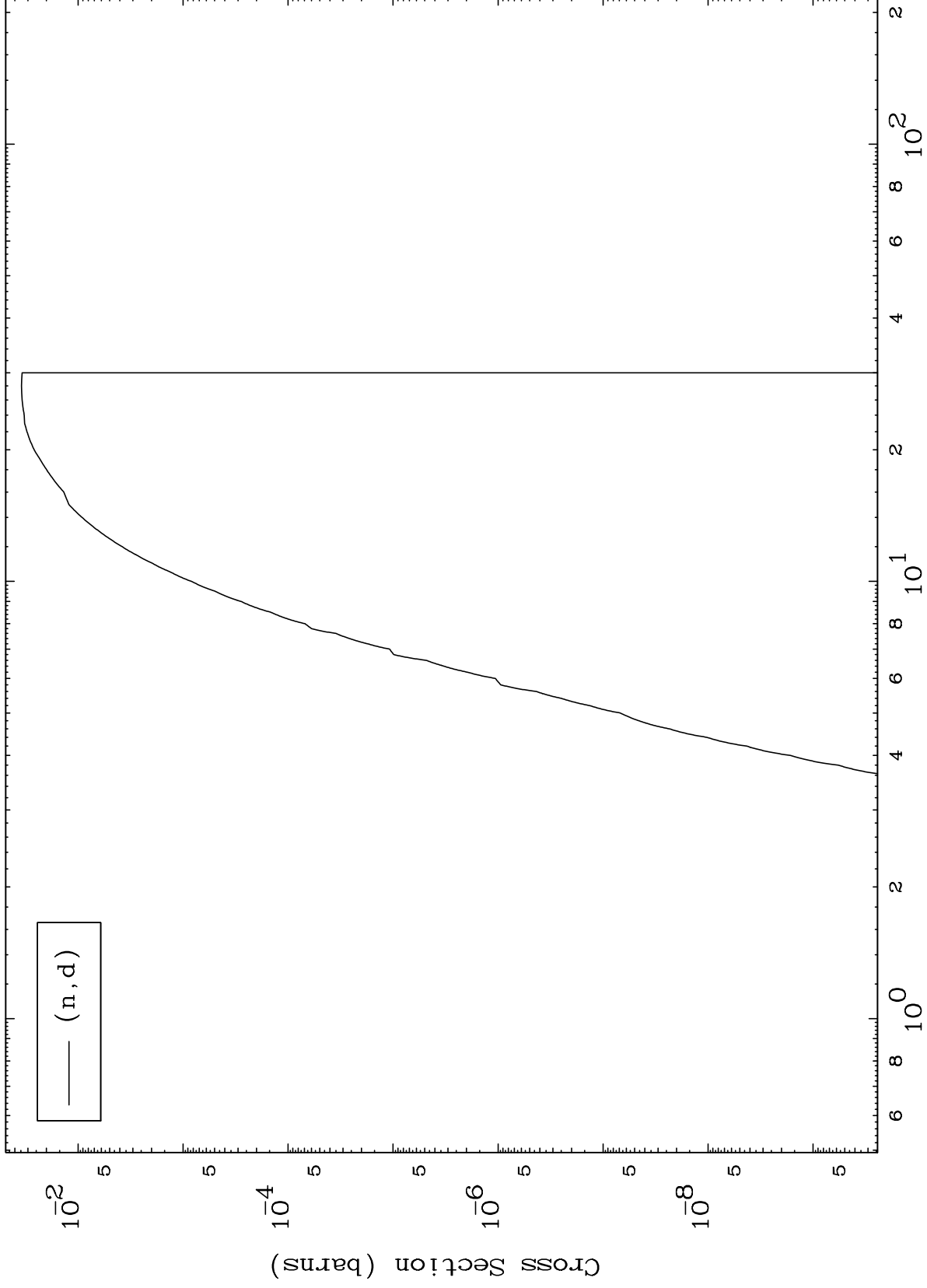
Incident Energy (MeV)

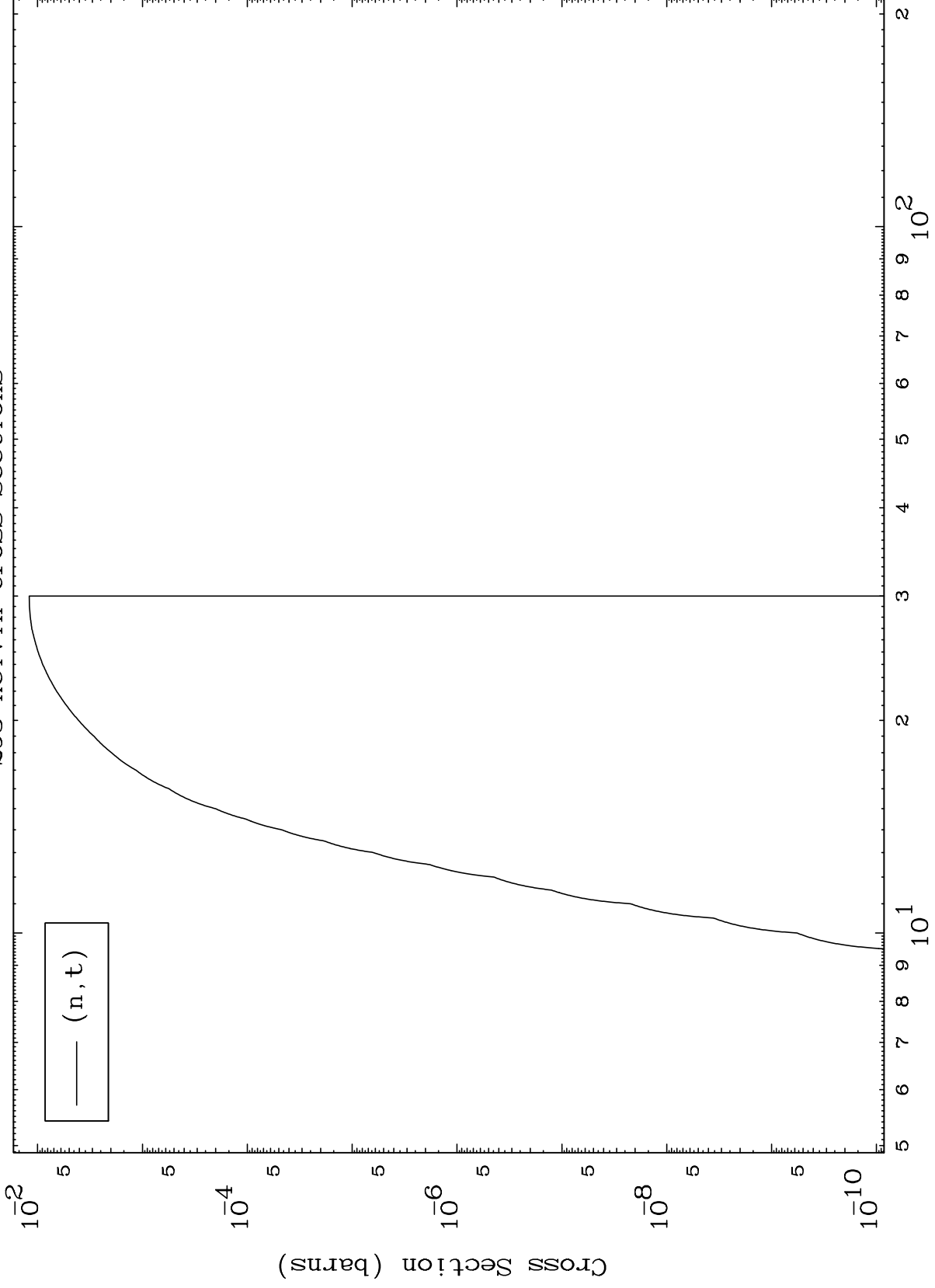
59-Pr-133

MAT 5901

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-133



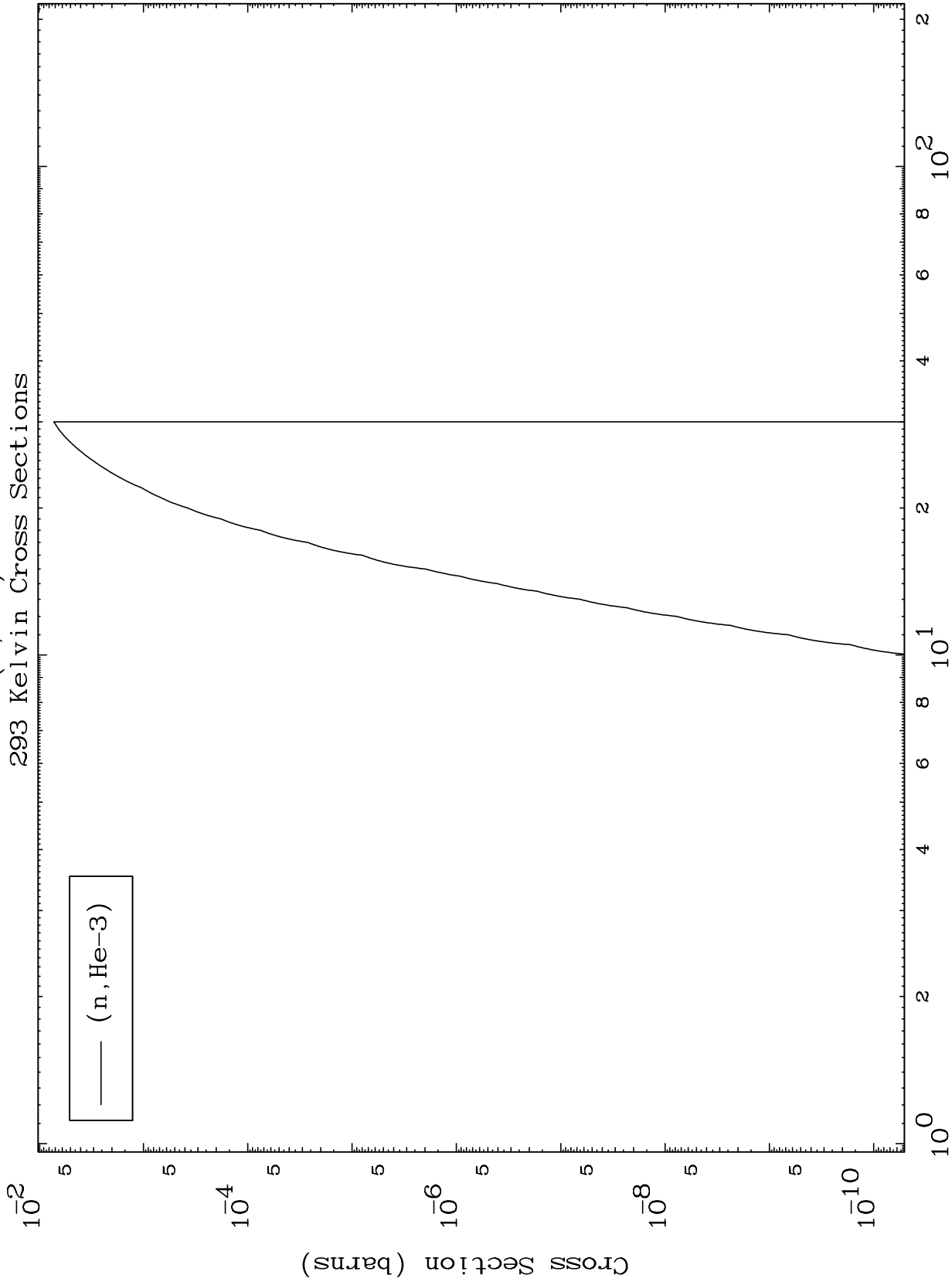


MAT 5901

(n,He3) Levels

59-Pr-133

293 Kelvin Cross Sections



13

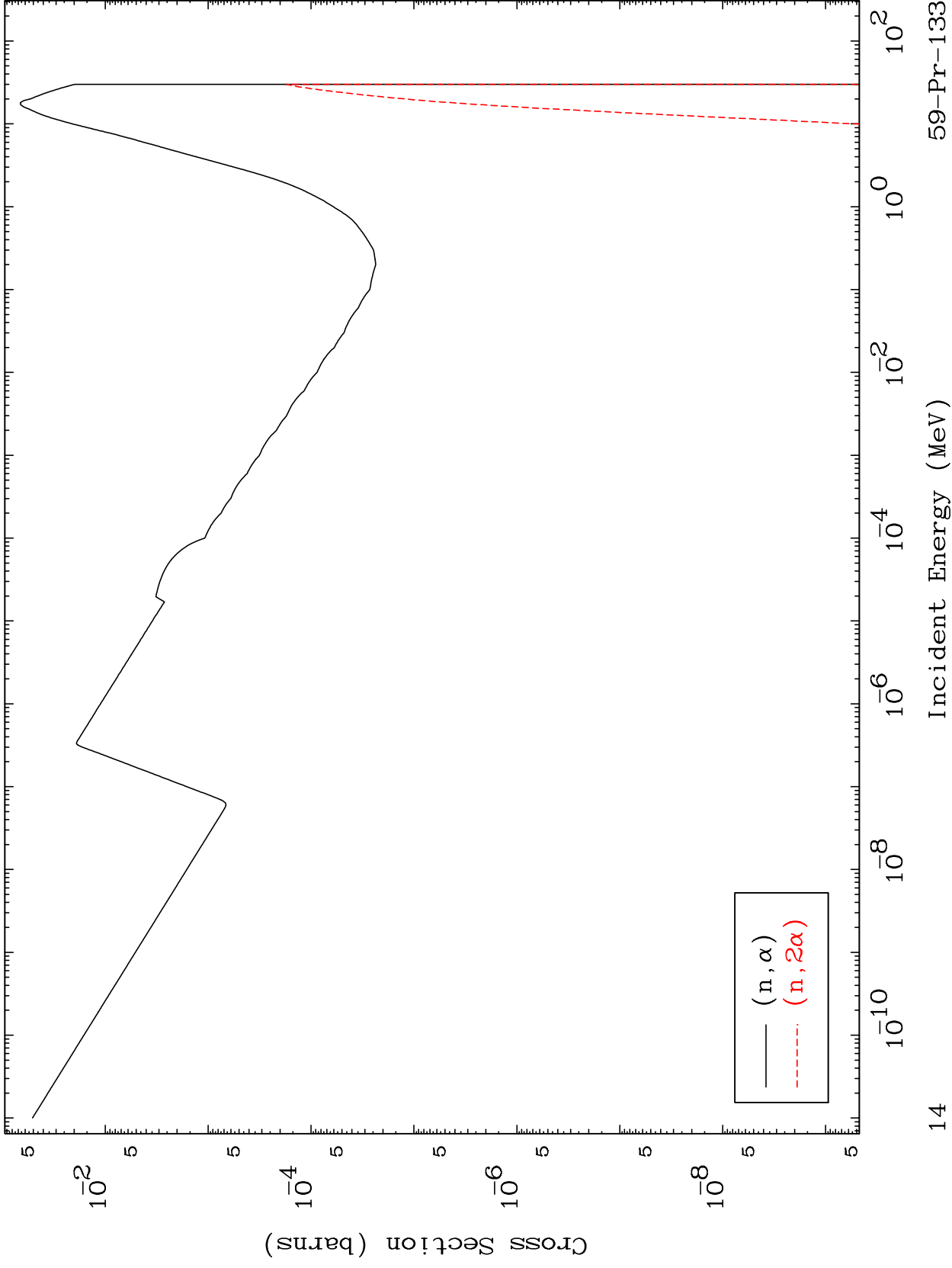
Incident Energy (MeV)

59-Pr-133

MAT 5901

(n, α) Levels
293 Kelvin Cross Sections

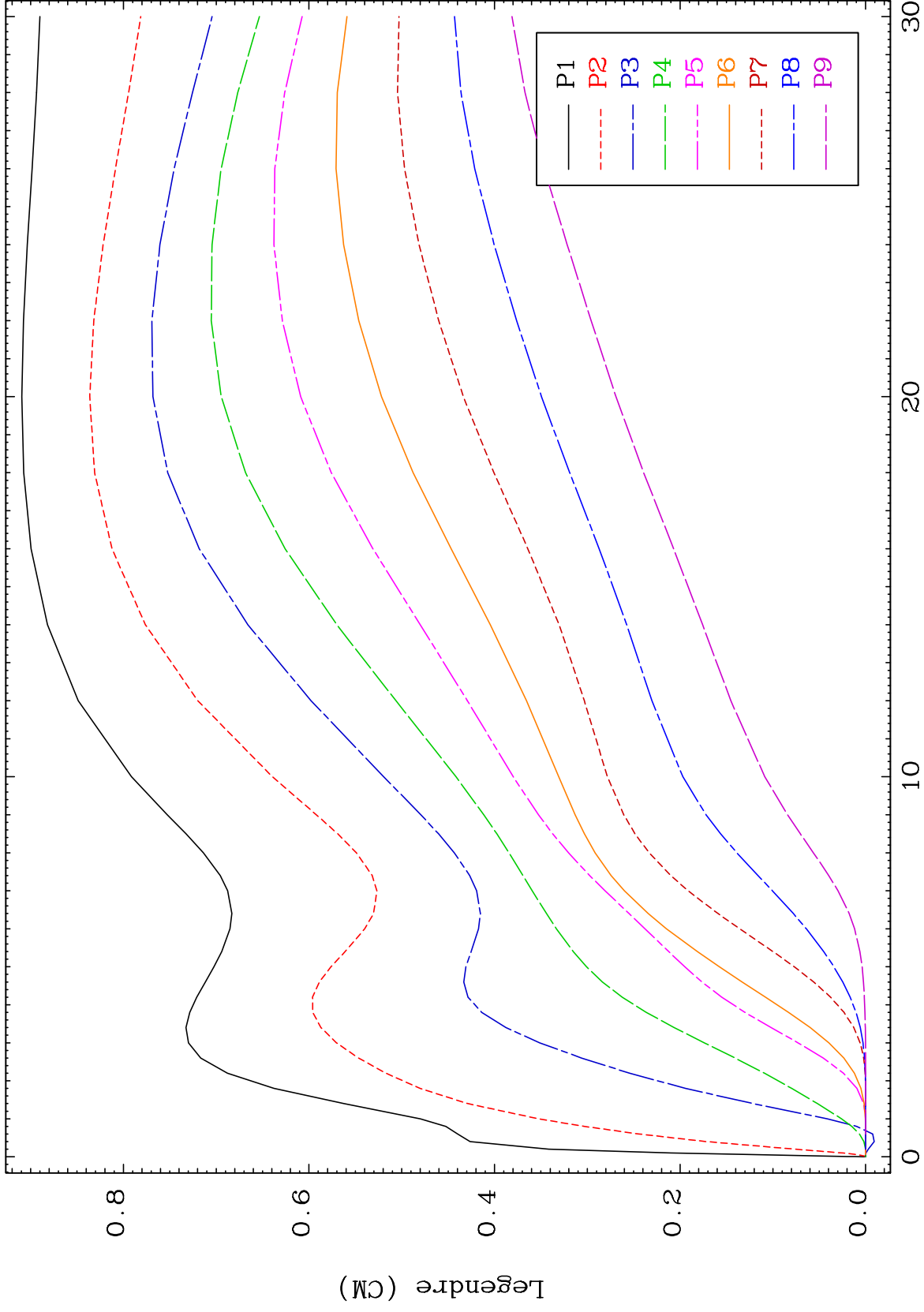
59-Pr-133



MAT 5901

Elastic Legendre Coefficients

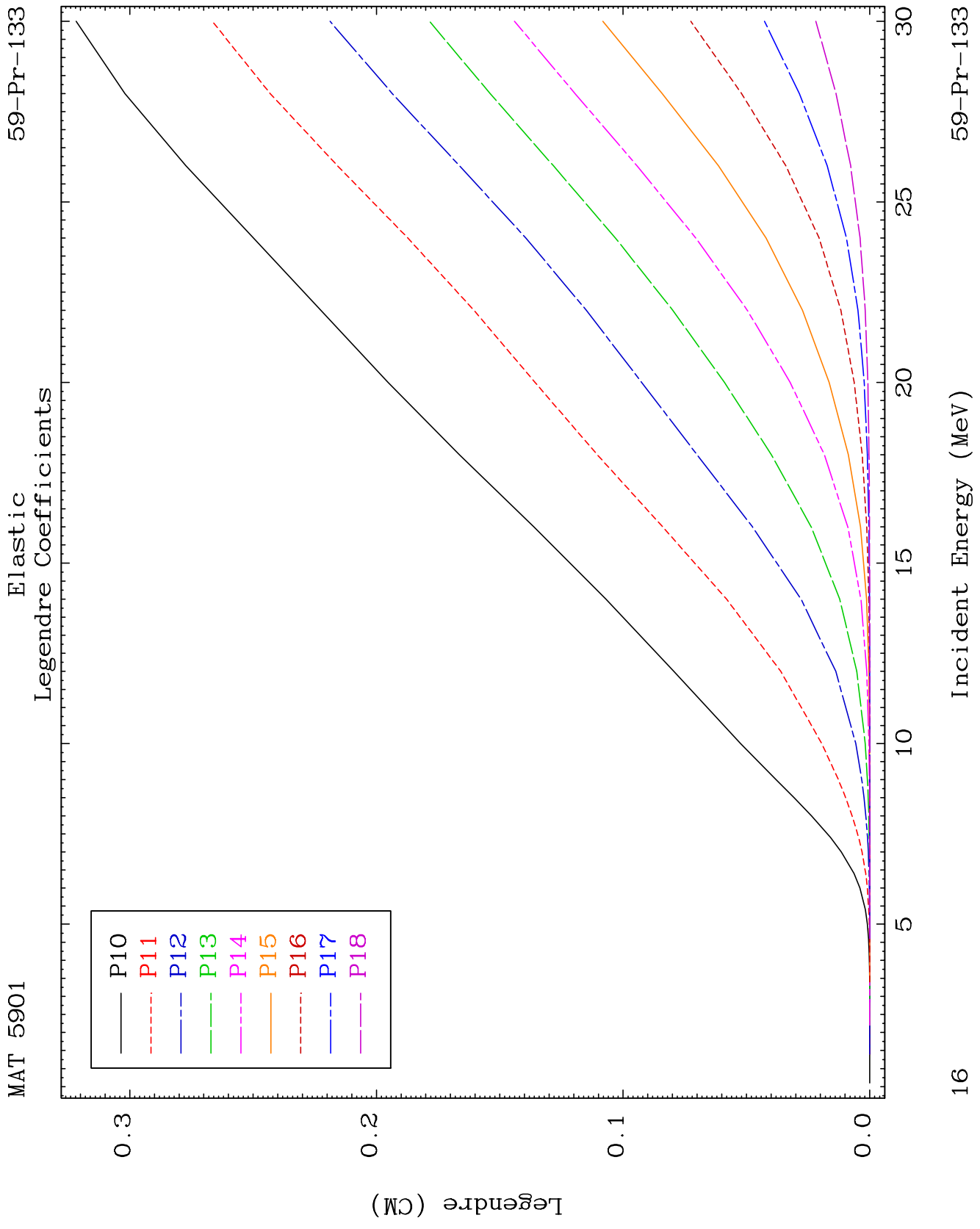
59-Pr-133



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Incident Energy (MeV)

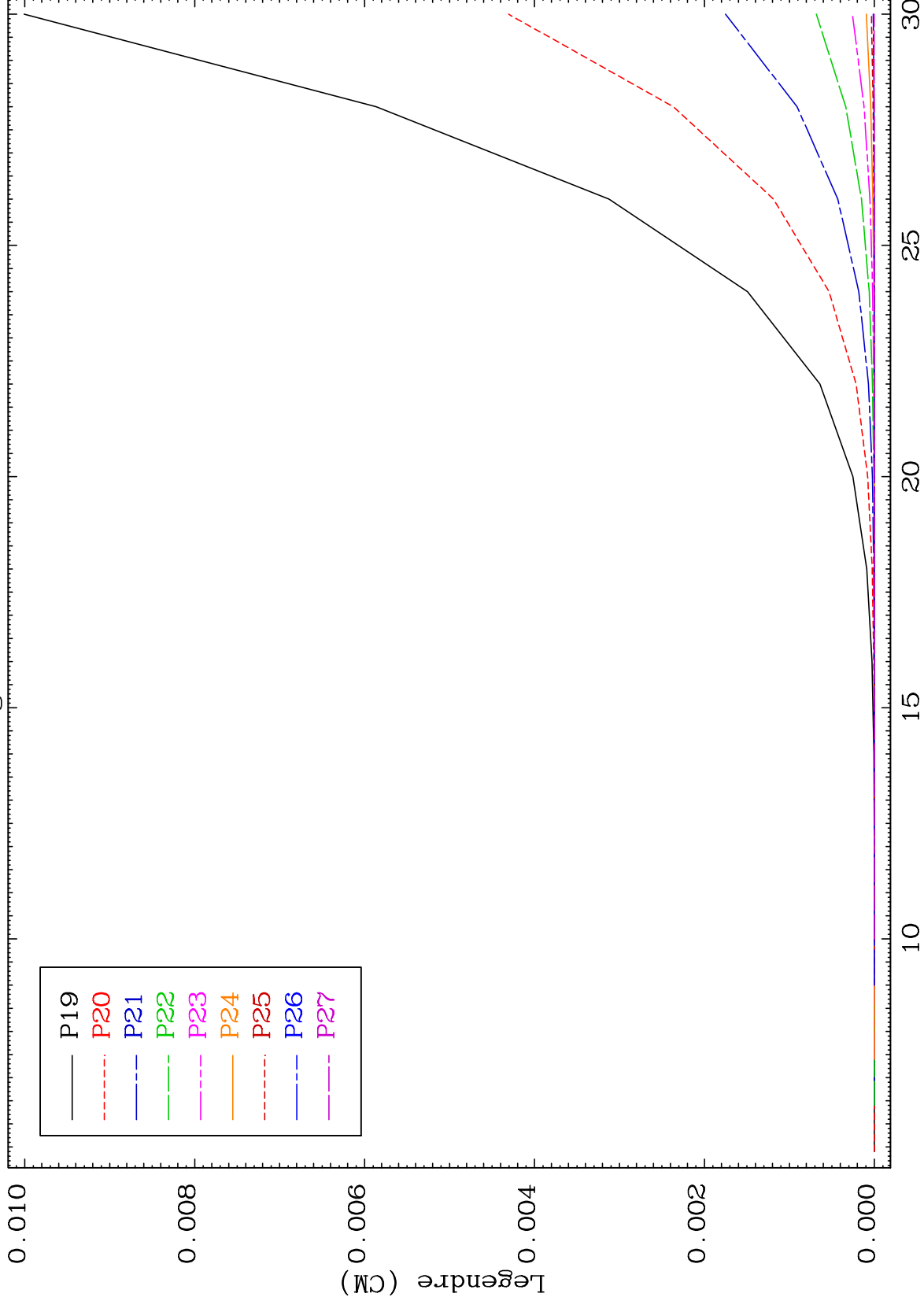
59-Pr-133



MAT 5901

Elastic
Legendre Coefficients

59-Pr-133



17

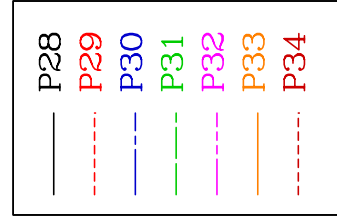
Incident Energy (MeV)

59-Pr-133

MAT 5901

Elastic
Legendre Coefficients

59-Pr-133



$\times 10^{-7}$

Legendre (CM)

8

6

4

2

0

15

20

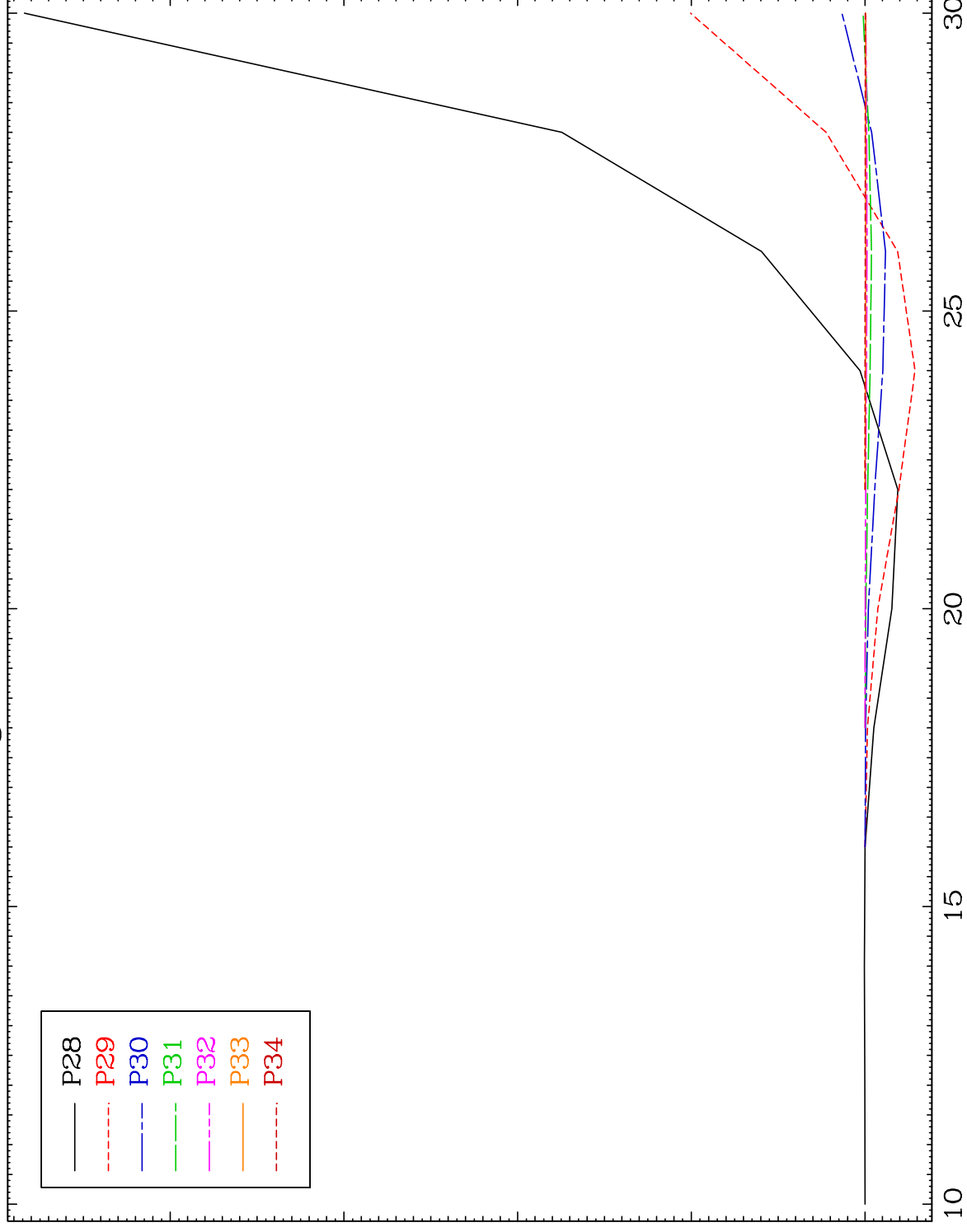
25

30

18

Incident Energy (MeV)

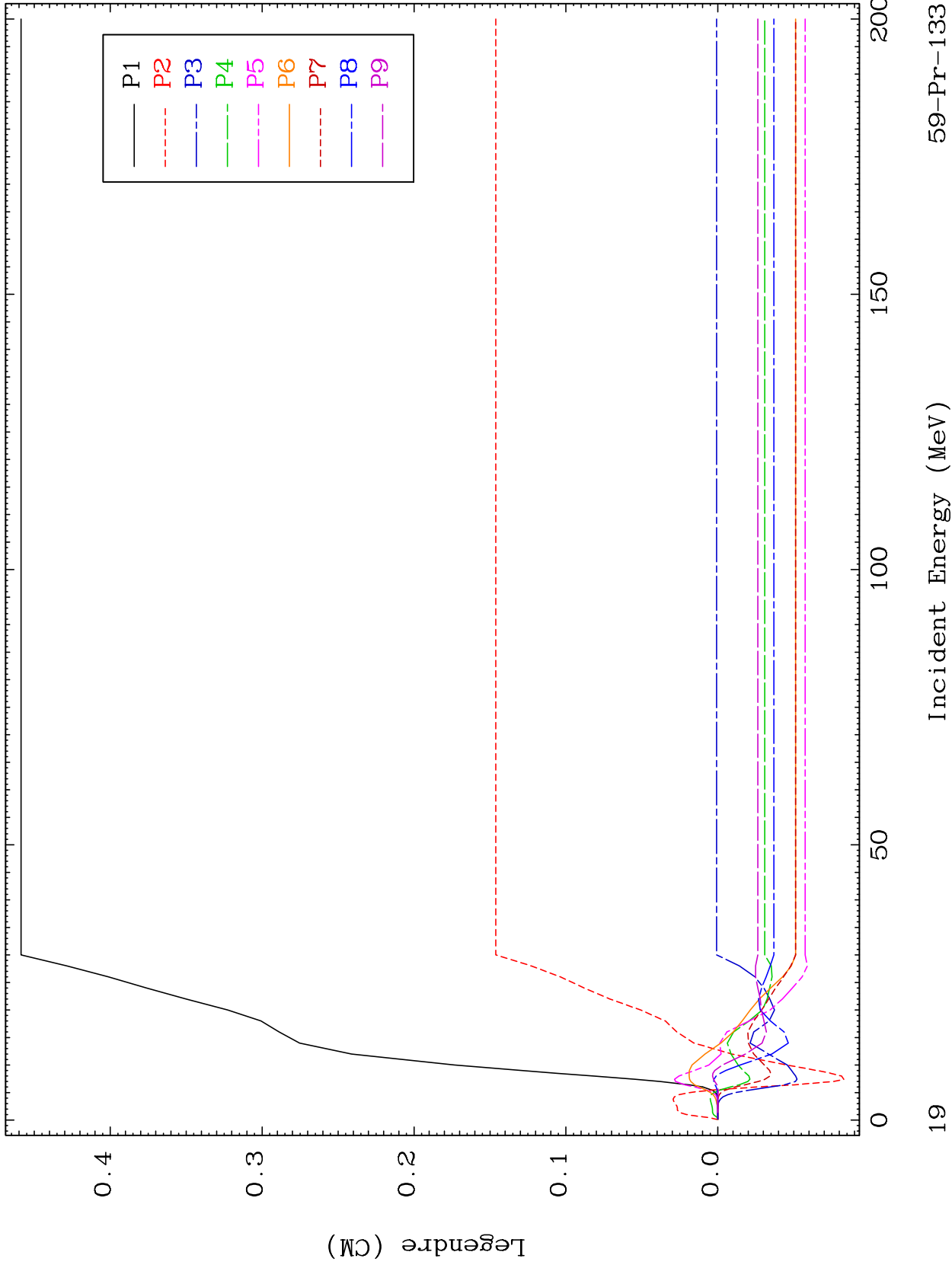
59-Pr-133



MAT 5901

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

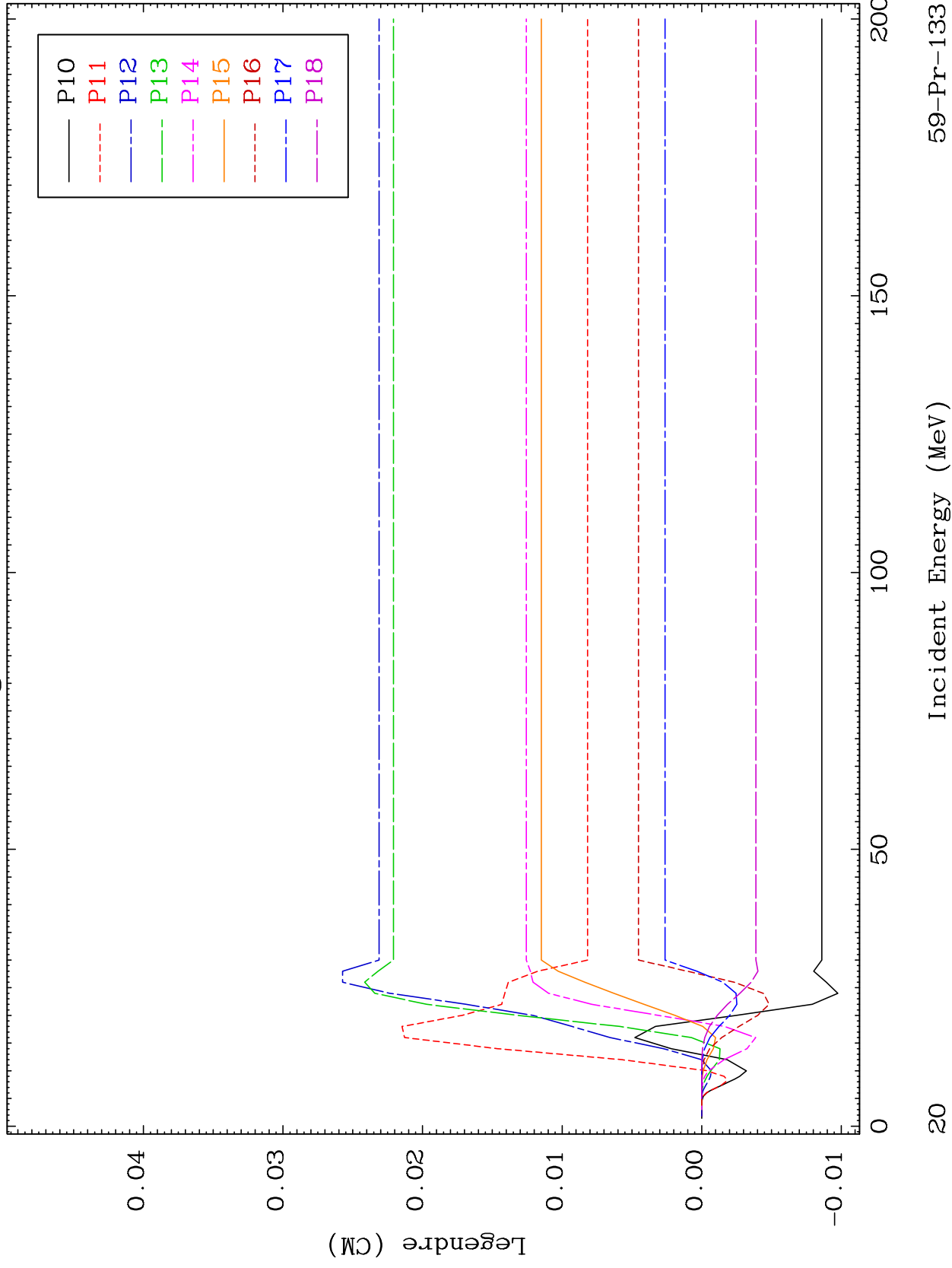
59-Pr-133



MAT 5901

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

59-Pr-133

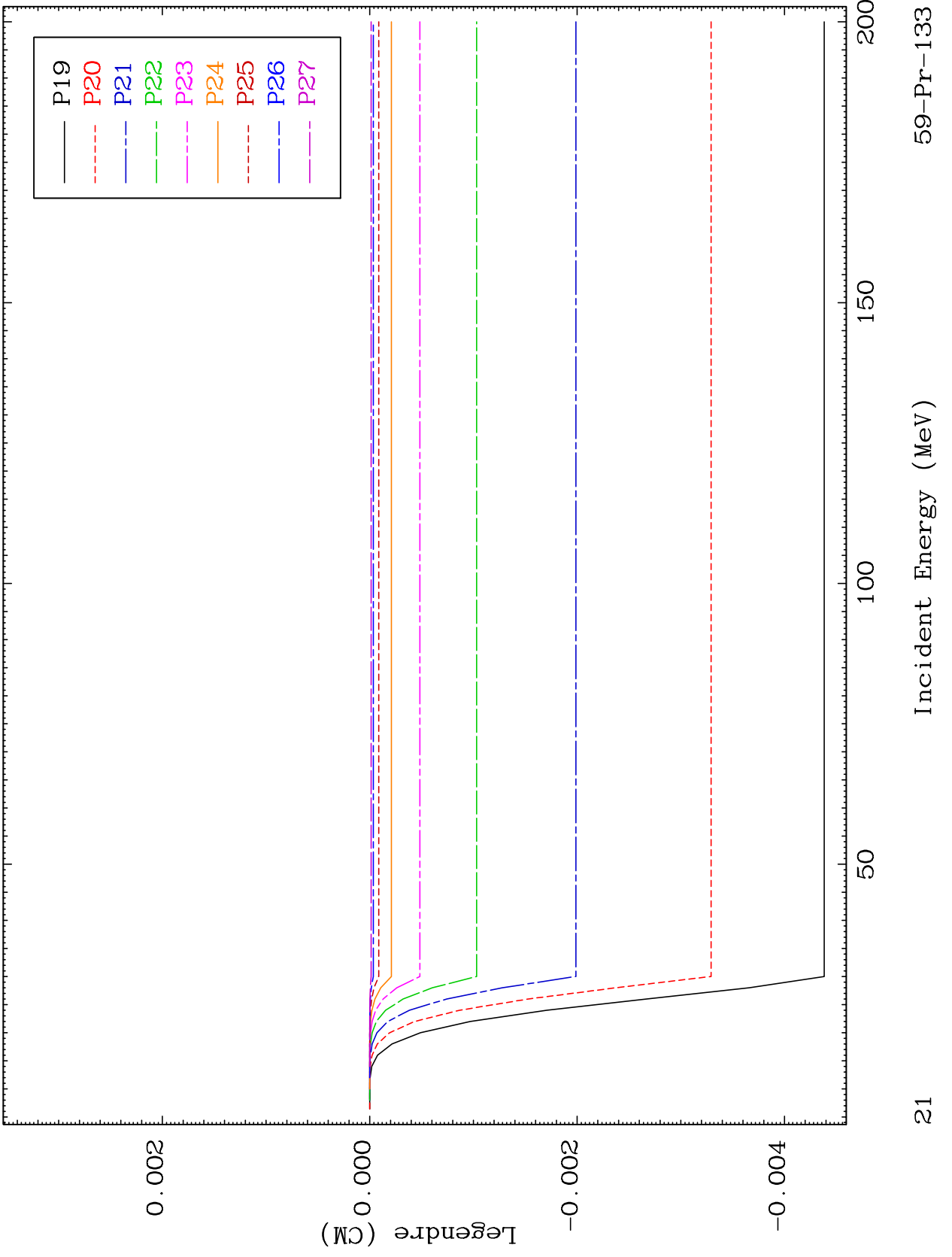


59-Pr-133

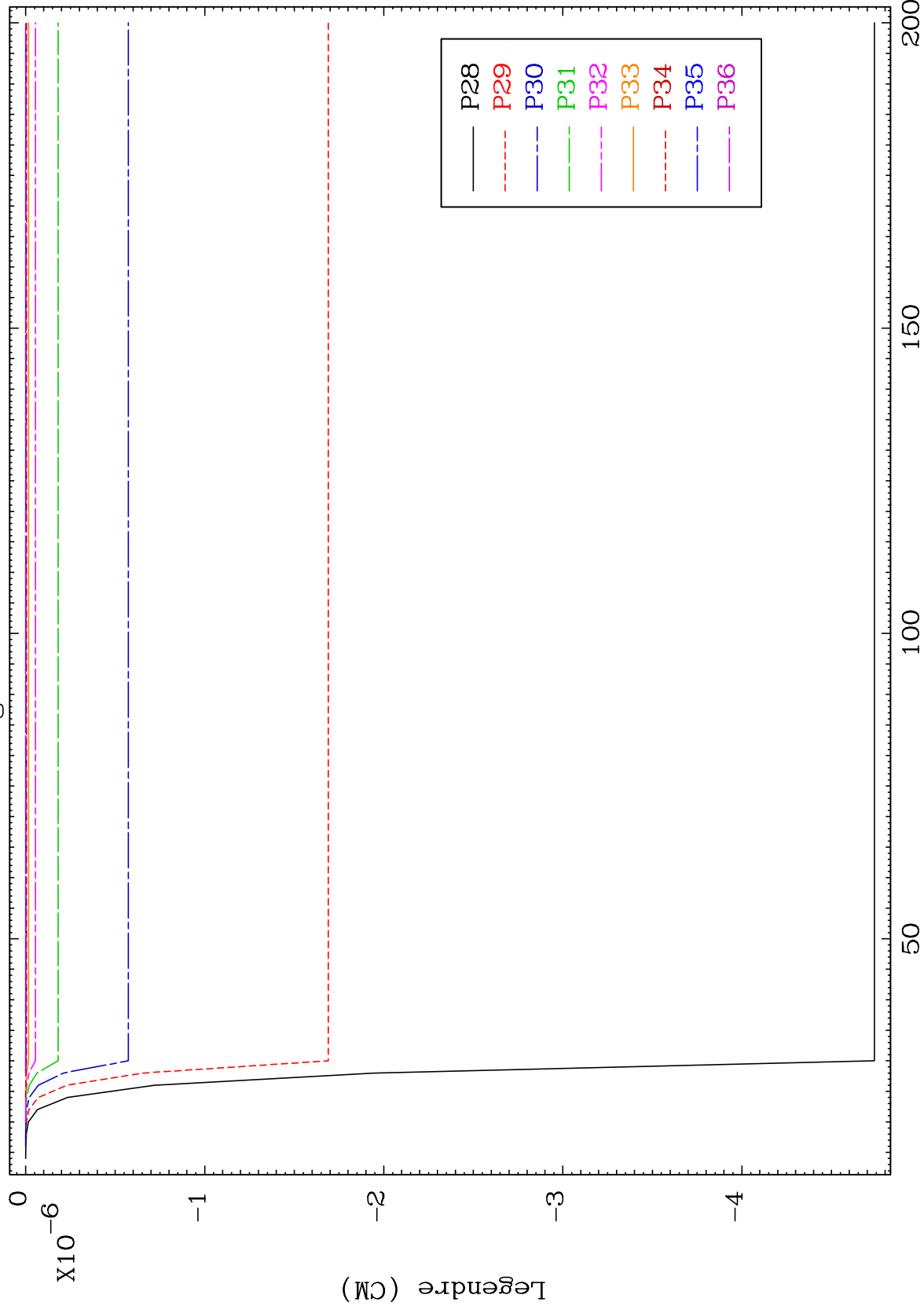
MAT 5901

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

59-Pr-133



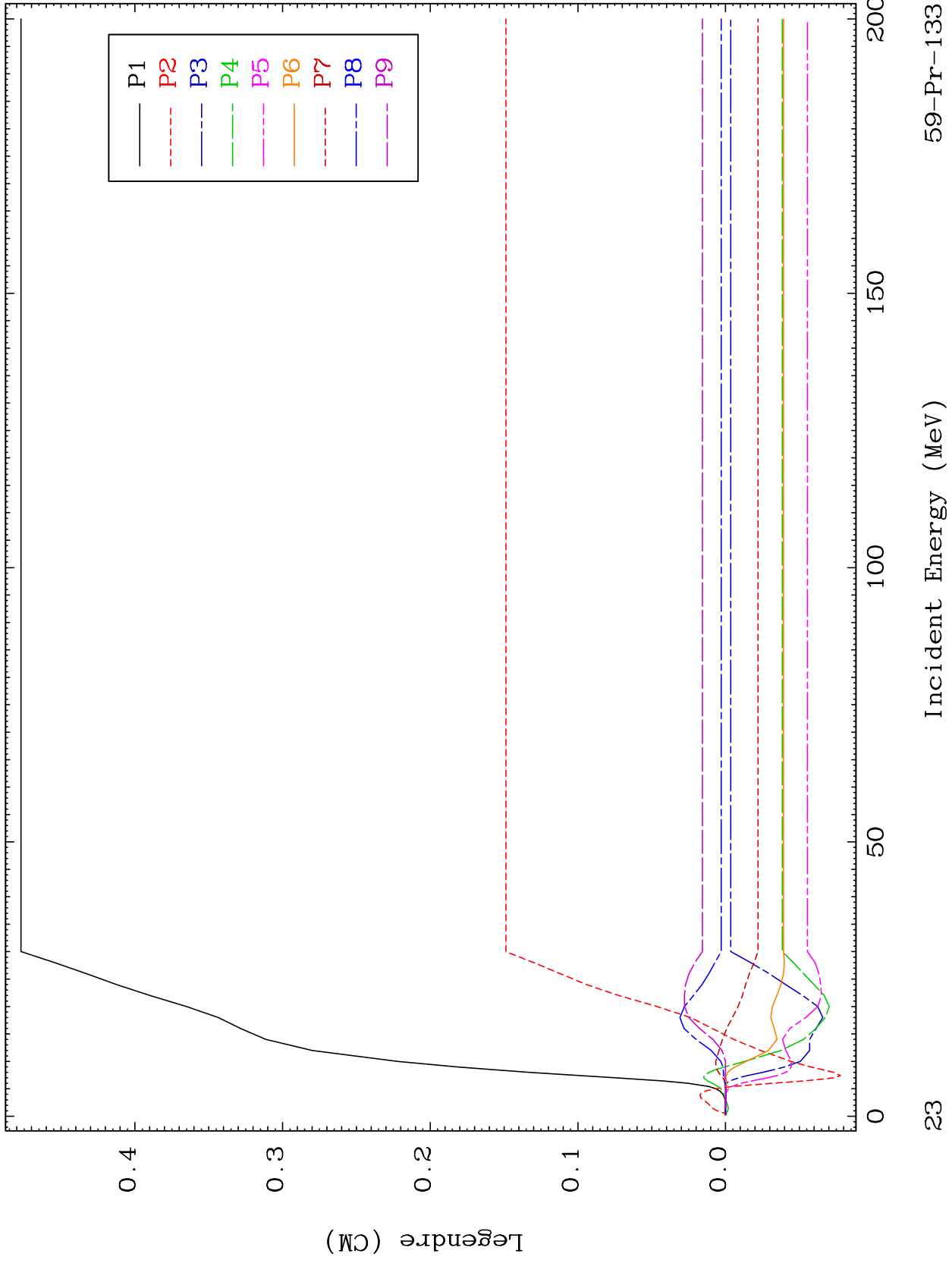
Legendre Coefficients



MAT 5901

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

59-Pr-133



23

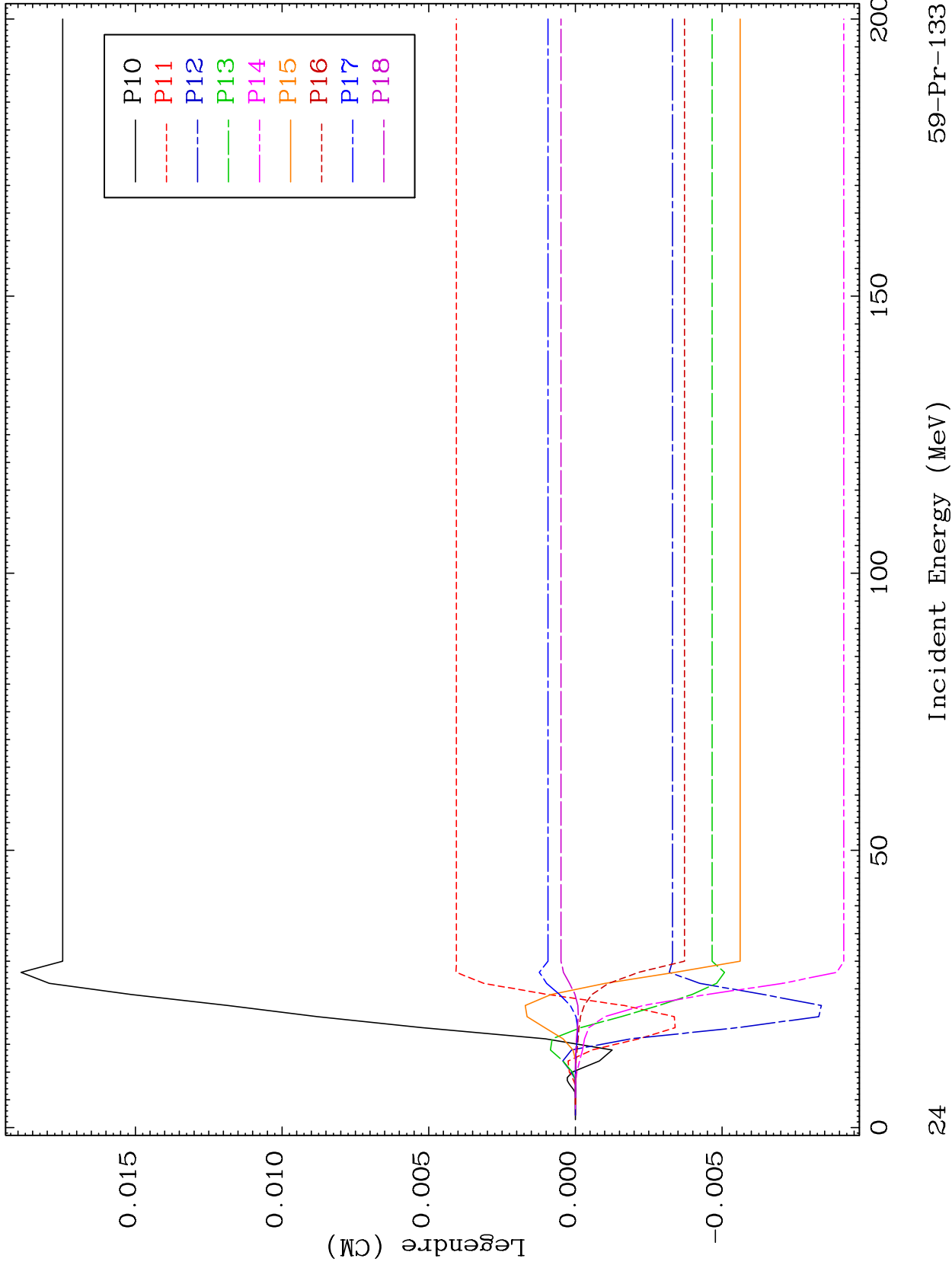
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

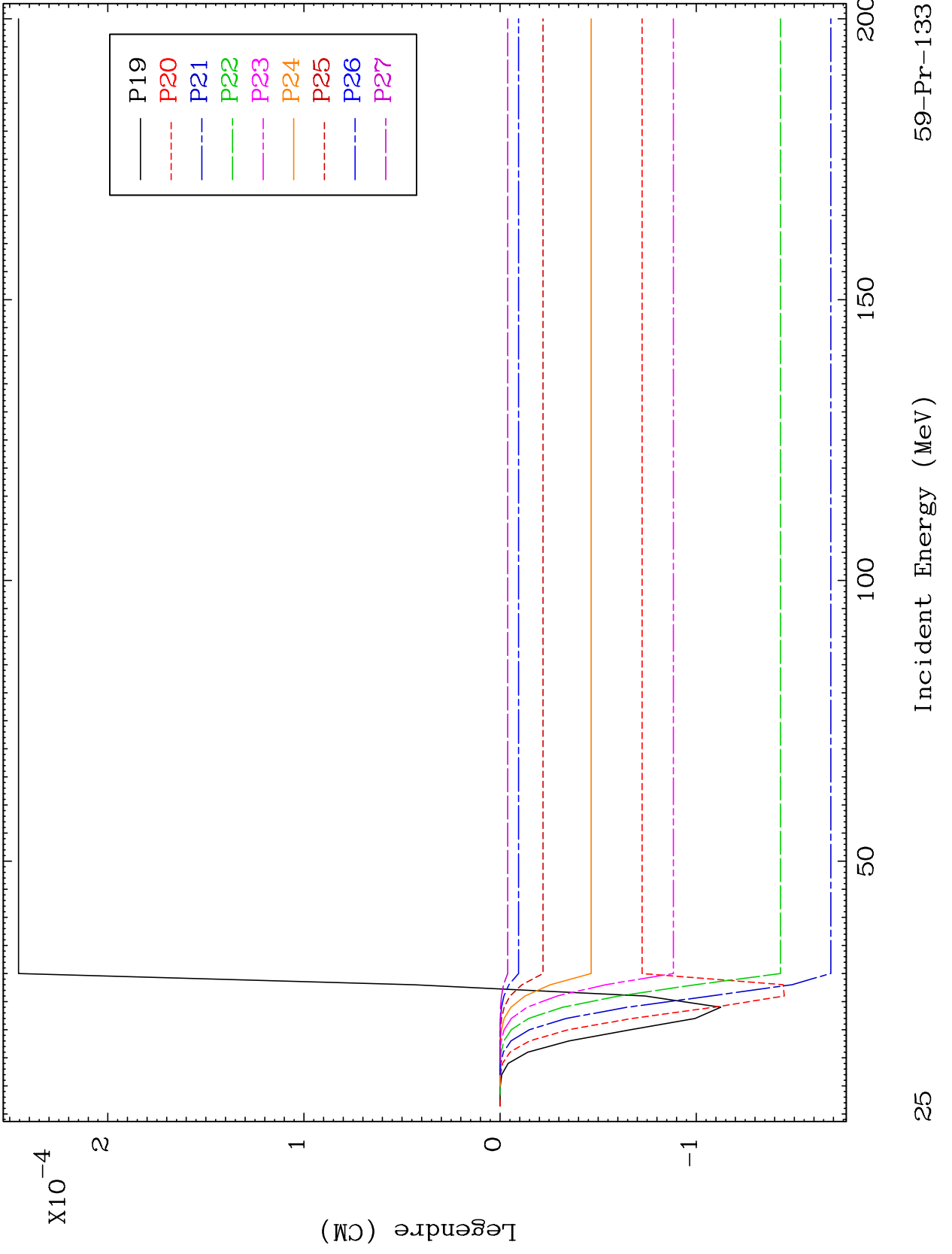
59-Pr-133



24

Incident Energy (MeV)

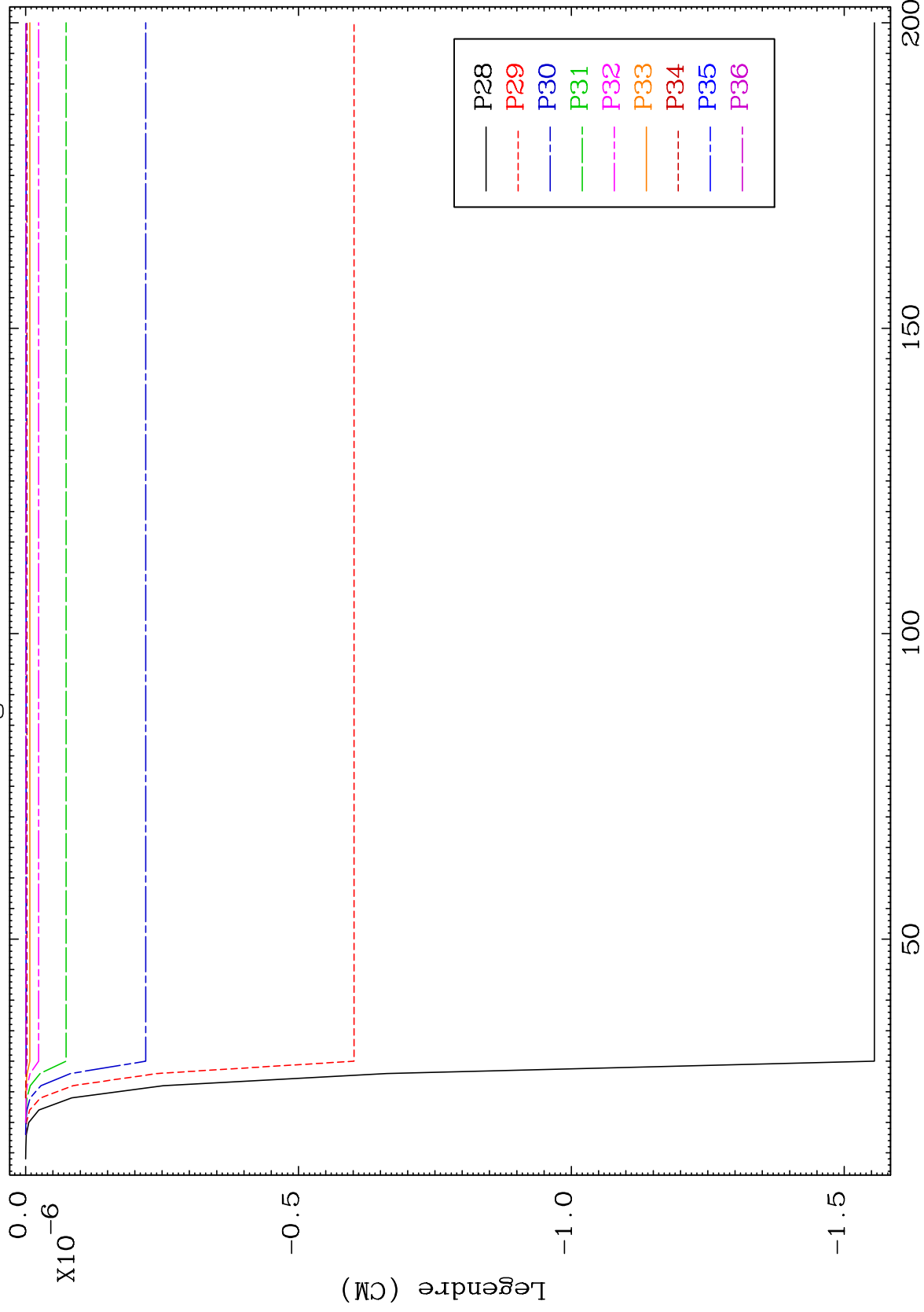
59-Pr-133



MAT 5901

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

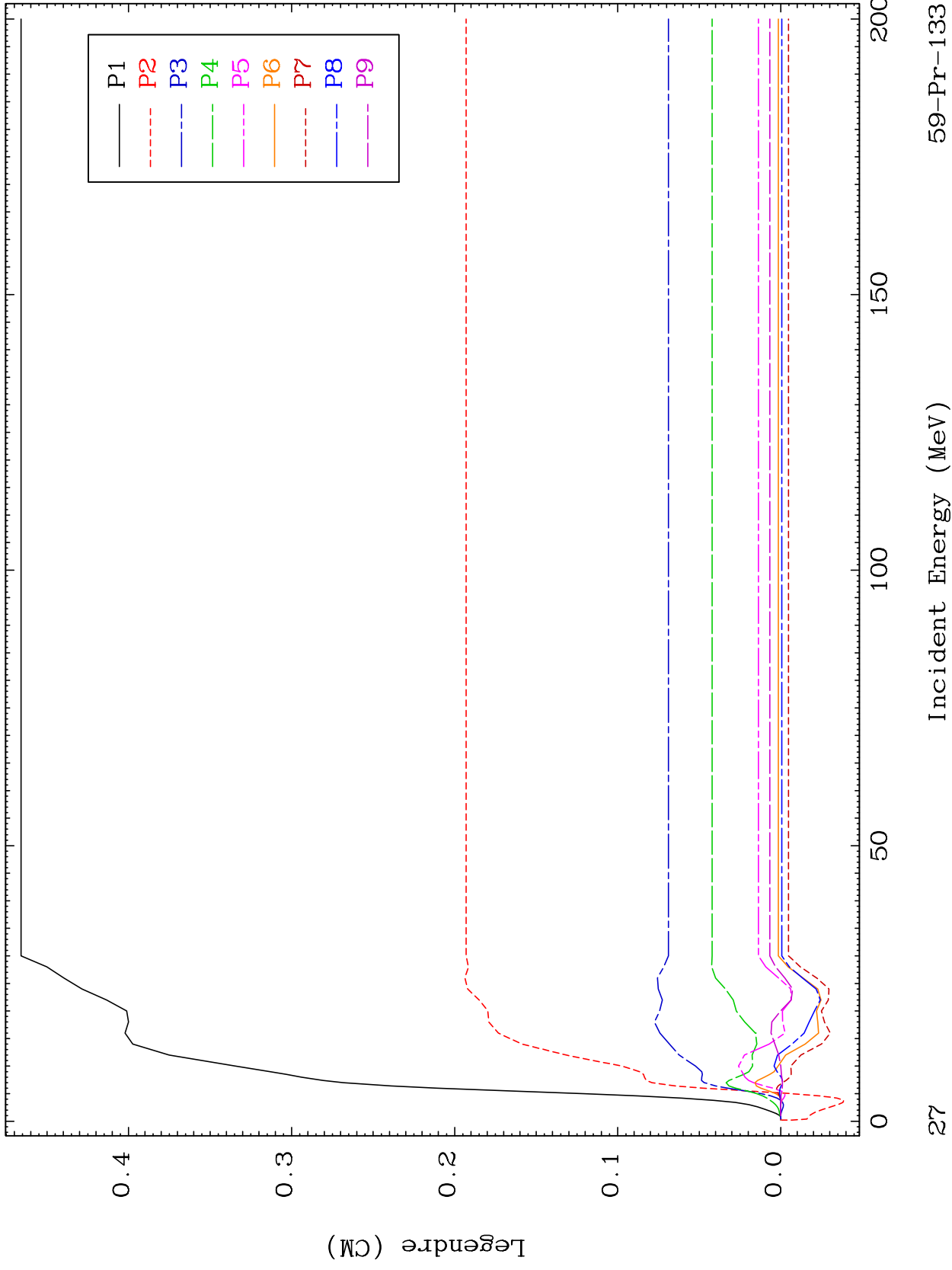
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26

Incident Energy (MeV)

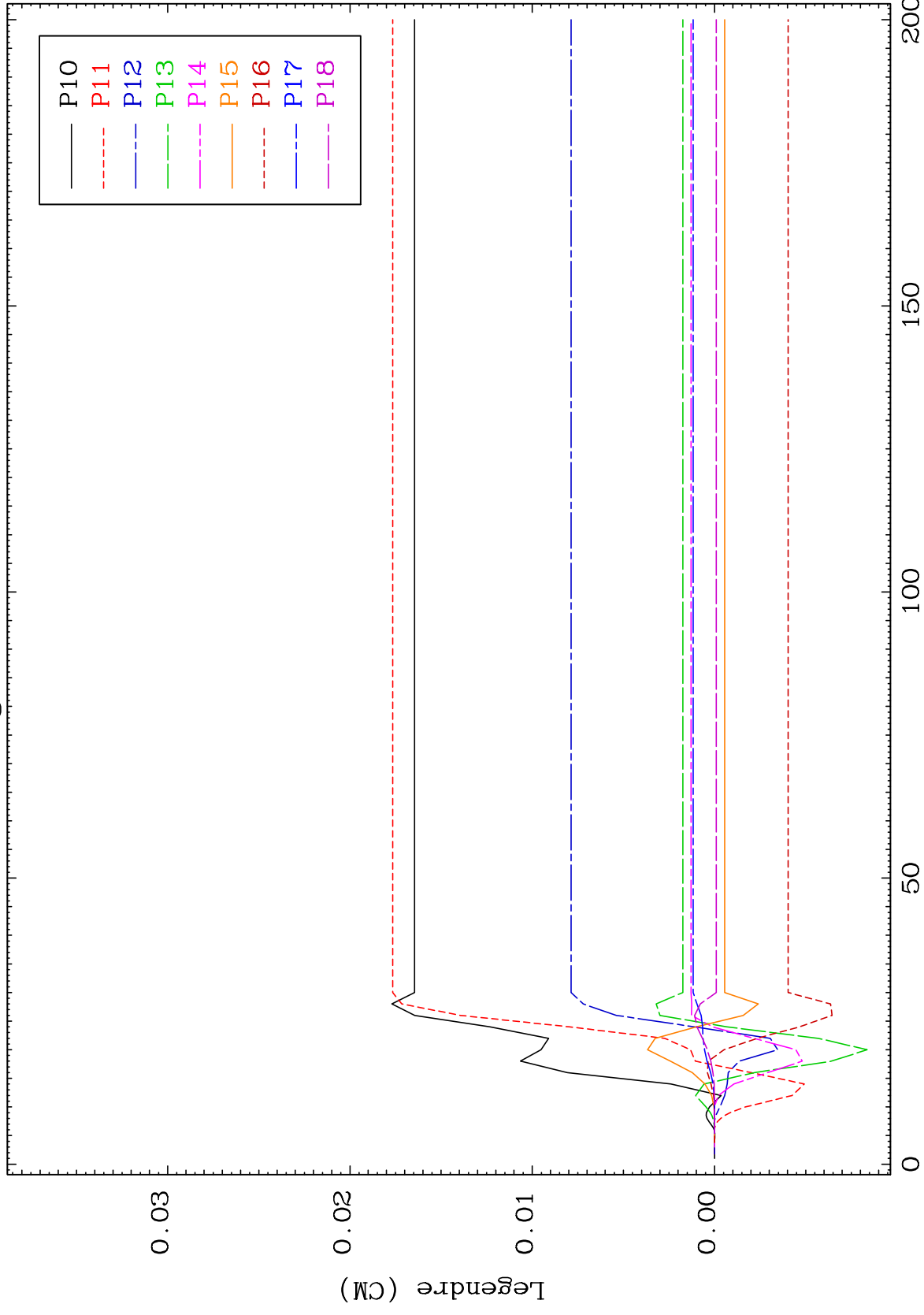
59-Pr-133



MAT 5901

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

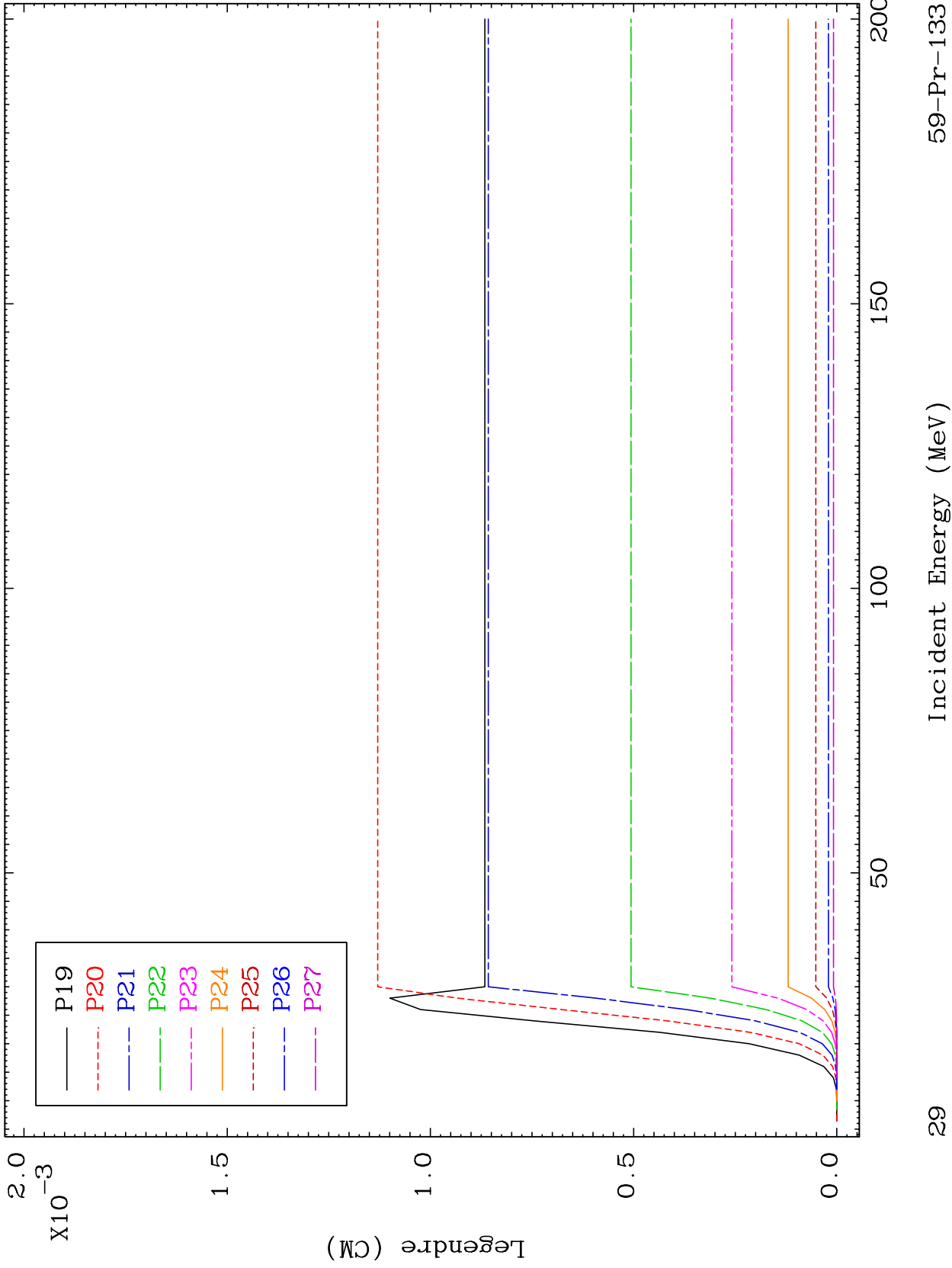
59-Pr-133



28

Incident Energy (MeV)

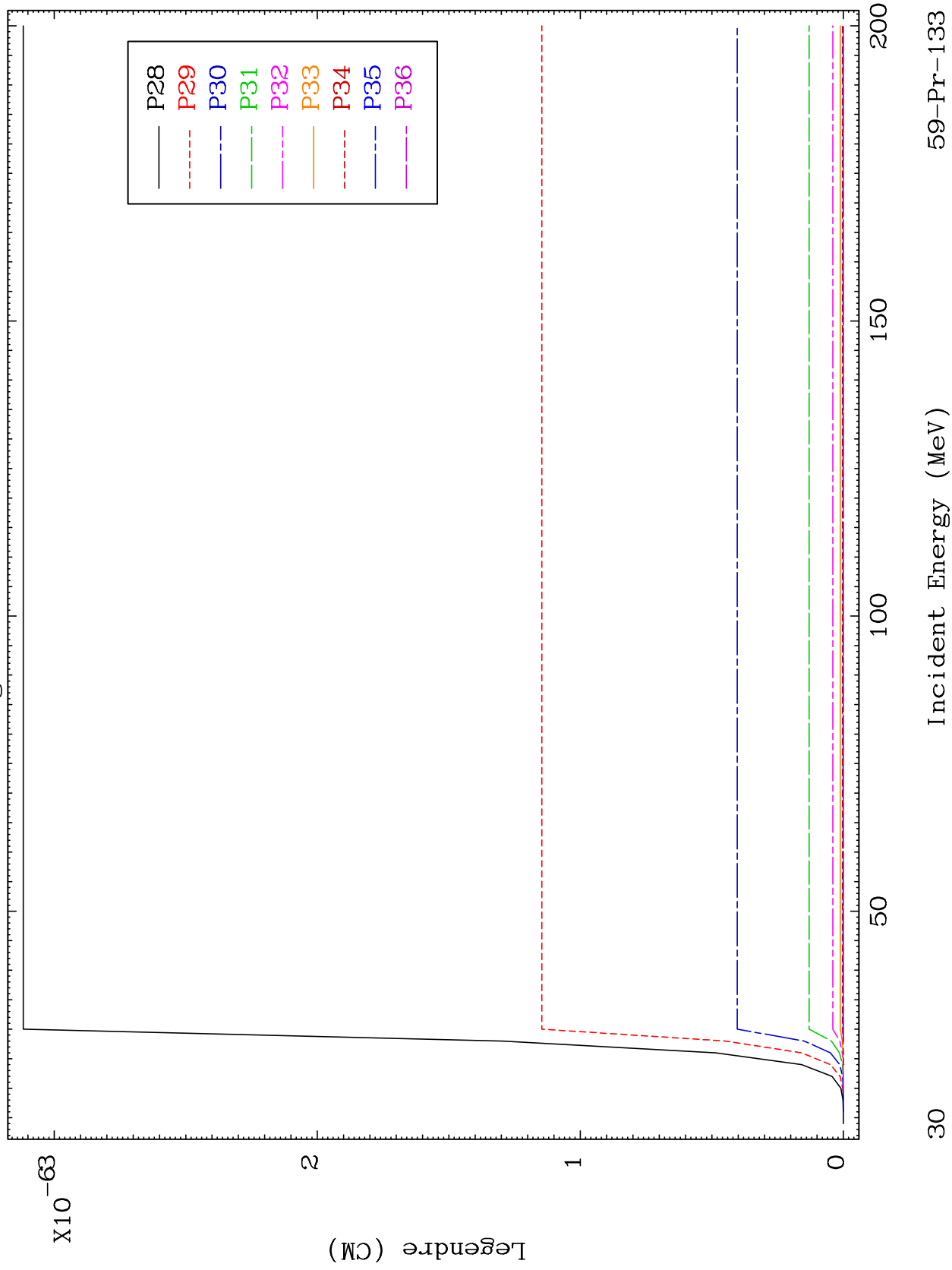
59-Pr-133



MAT 5901

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

59-Pr-133

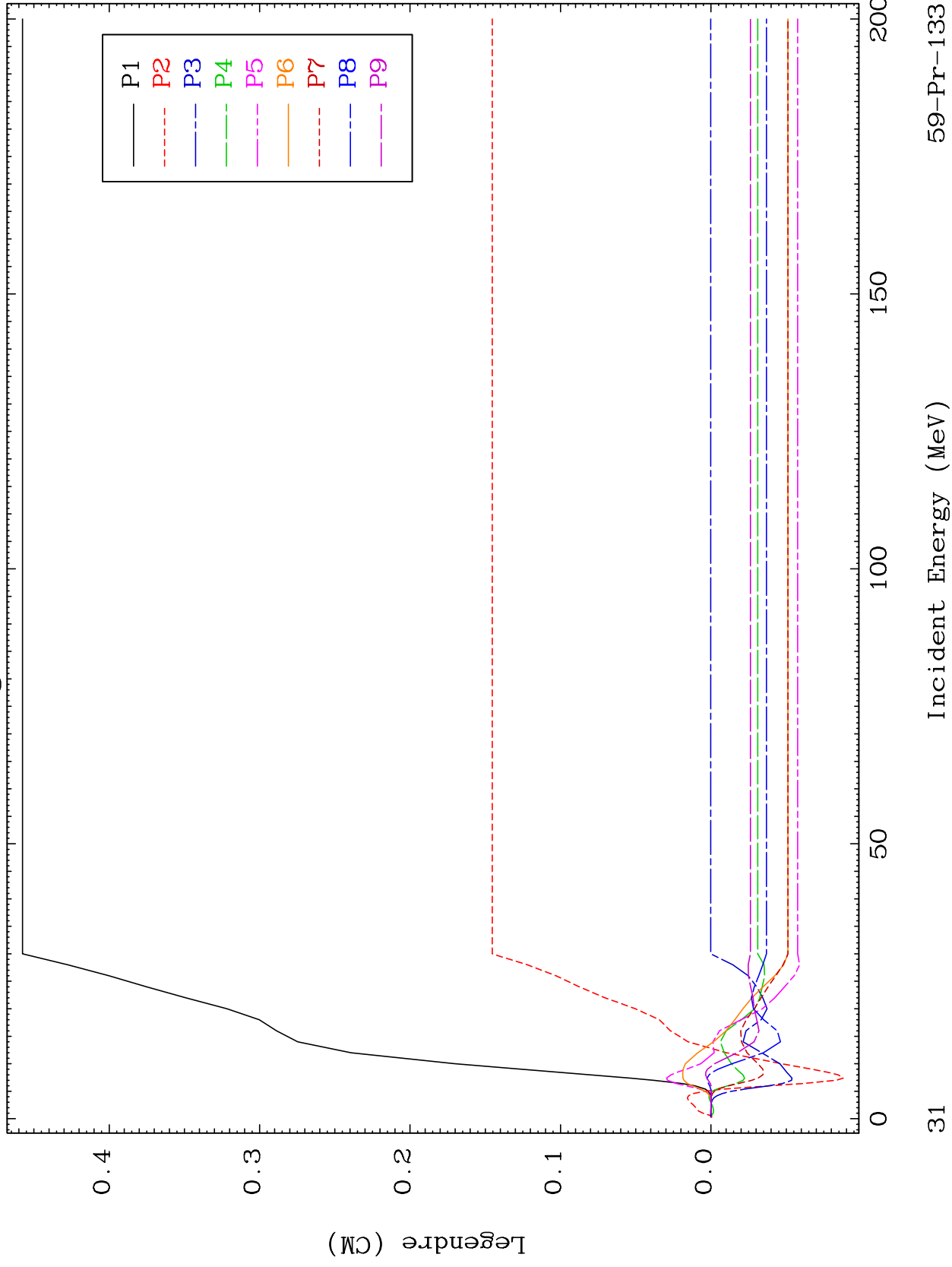


59-Pr-133

MAT 5901

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

59-Pr-133



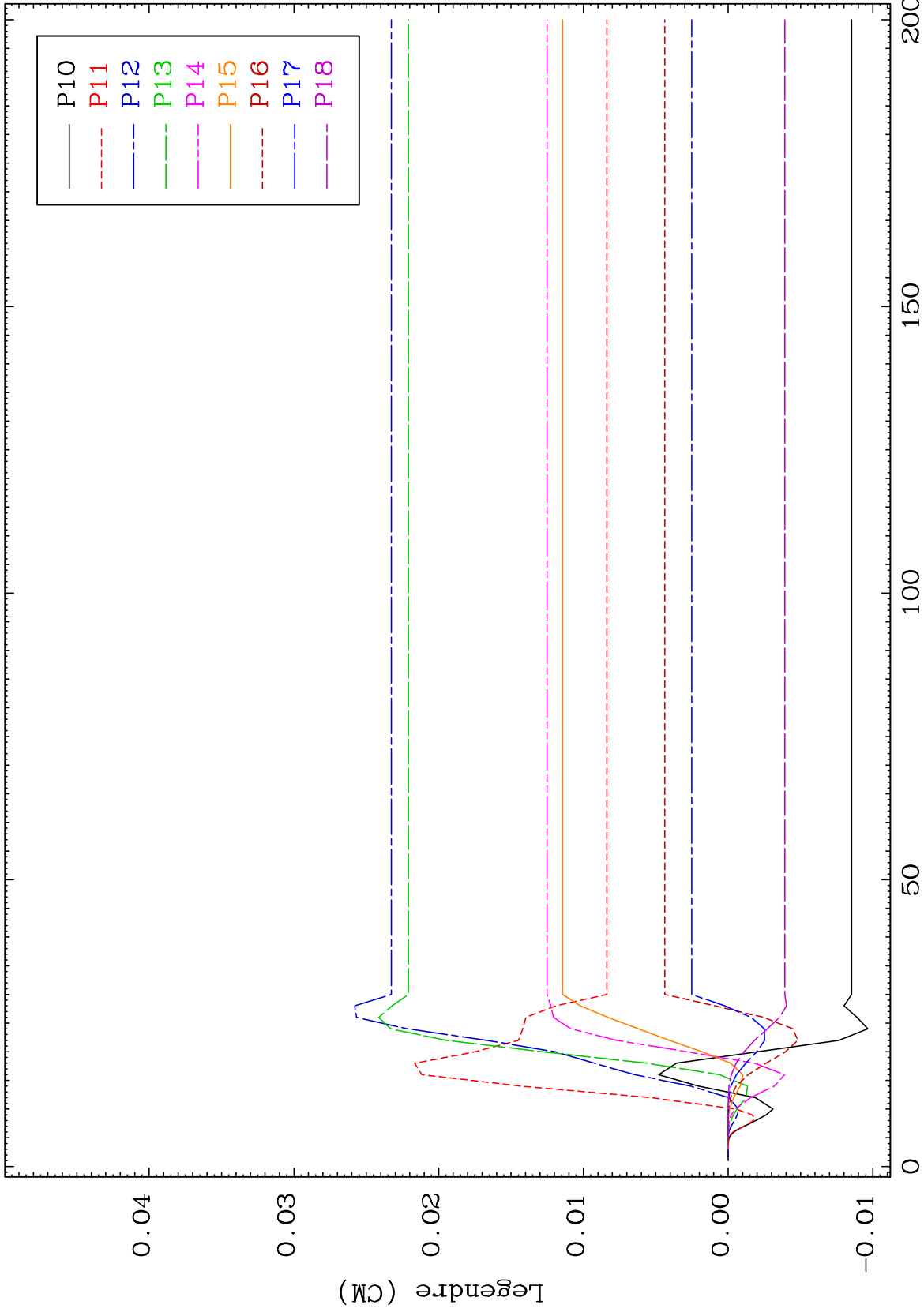
31

59-Pr-133

MAT 5901

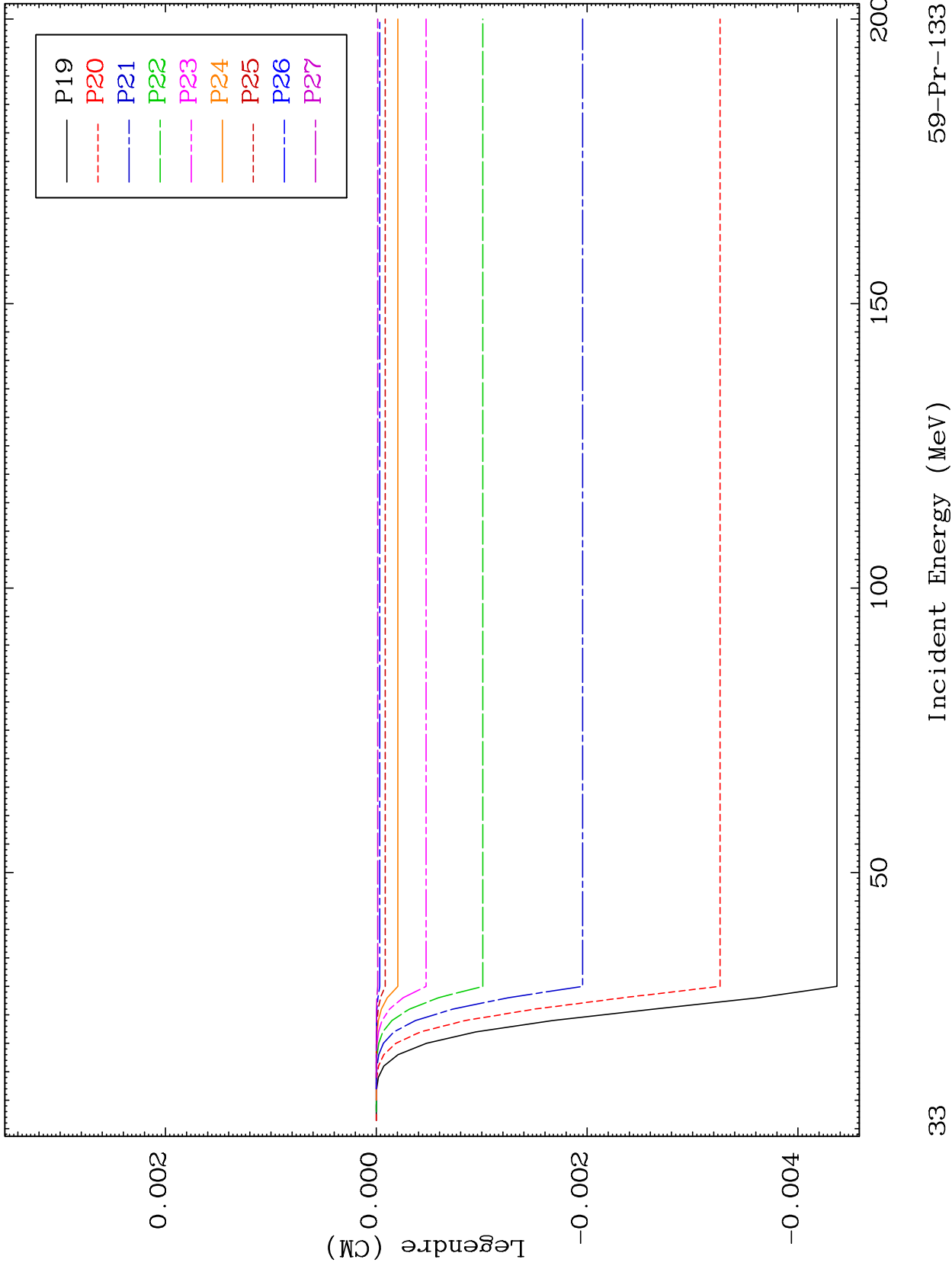
MT= 54 (n,n') Level
Legendre Coefficients

59-Pr-133



32

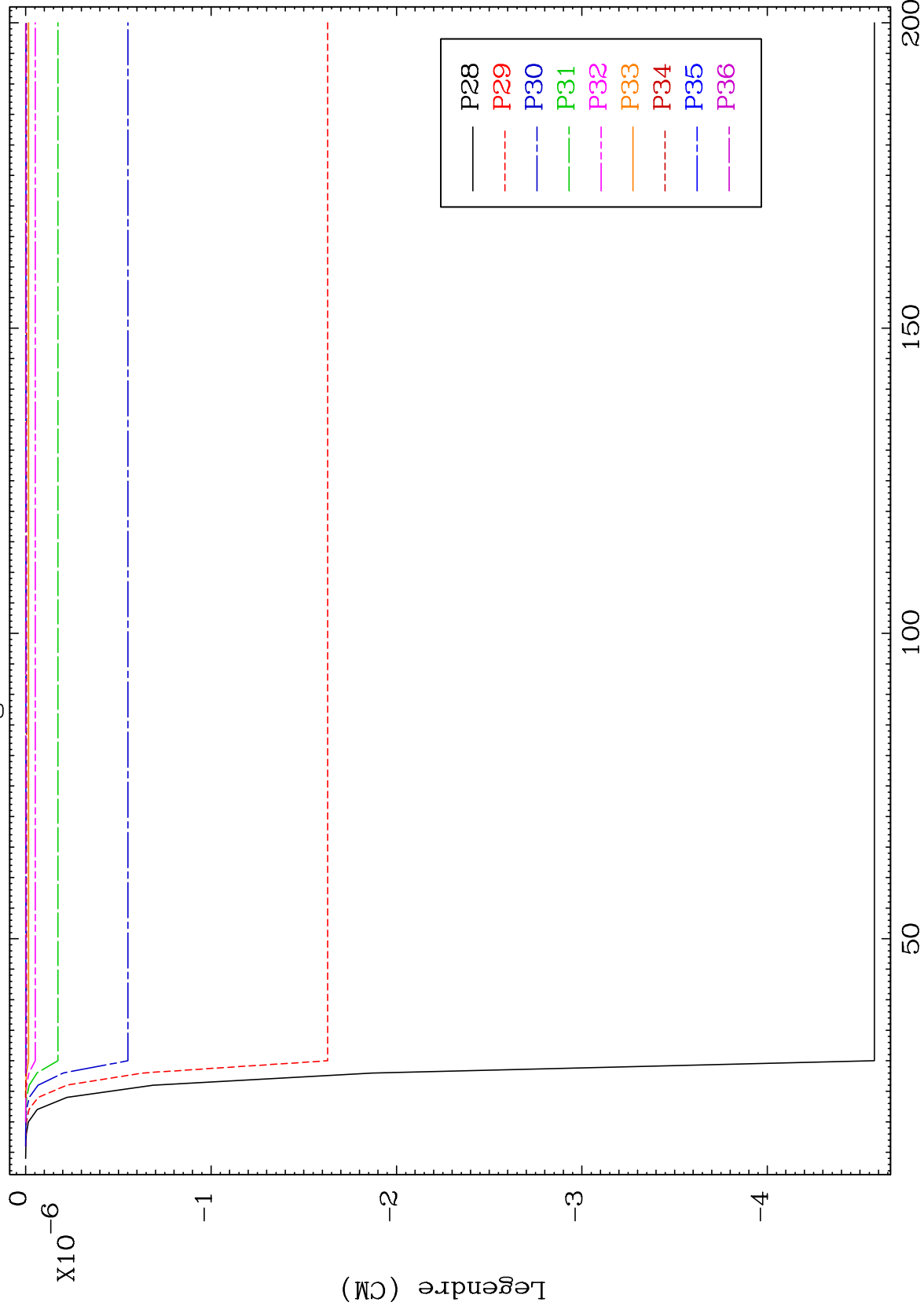
59-Pr-133



MAT 5901

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

59-Pr-133



34

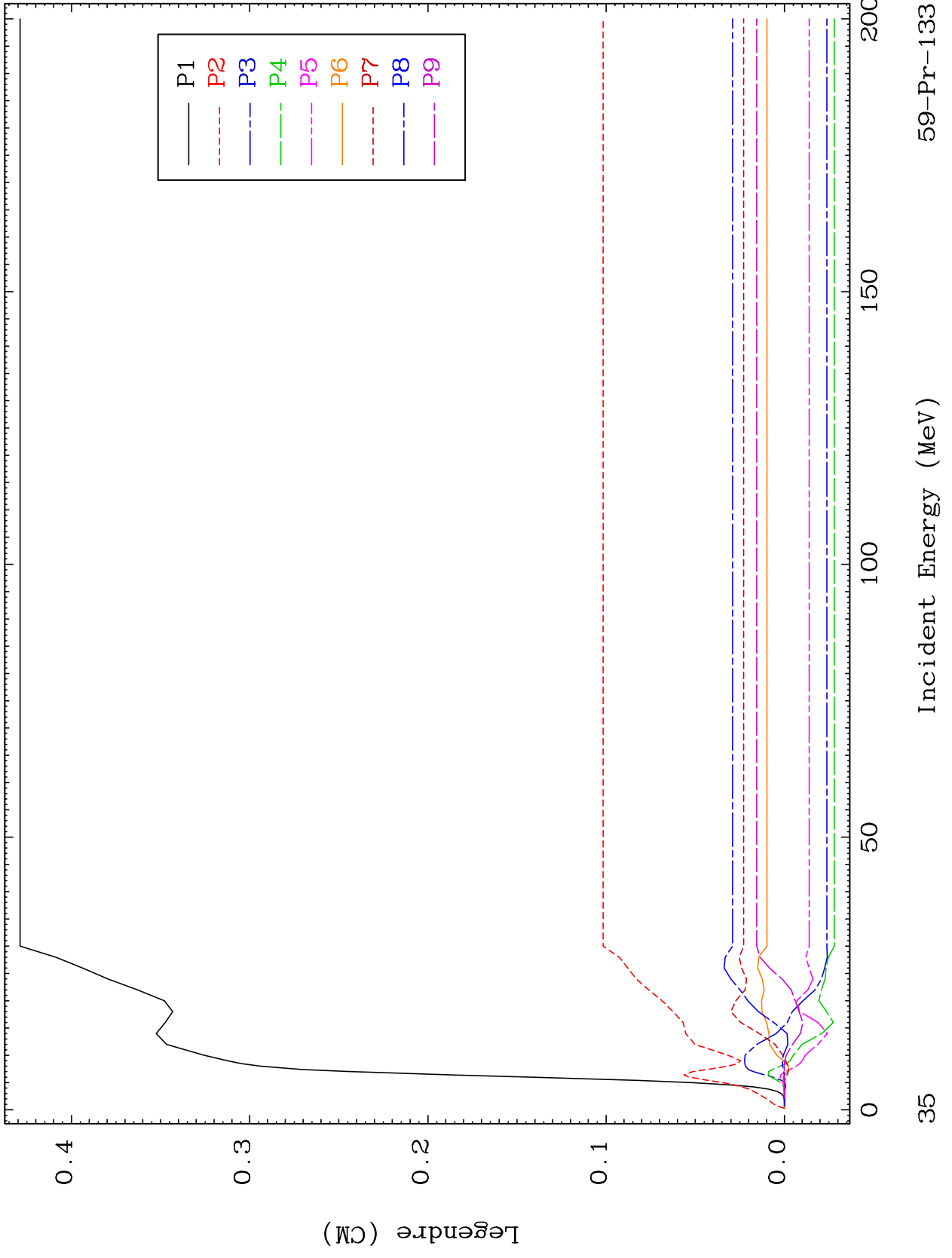
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

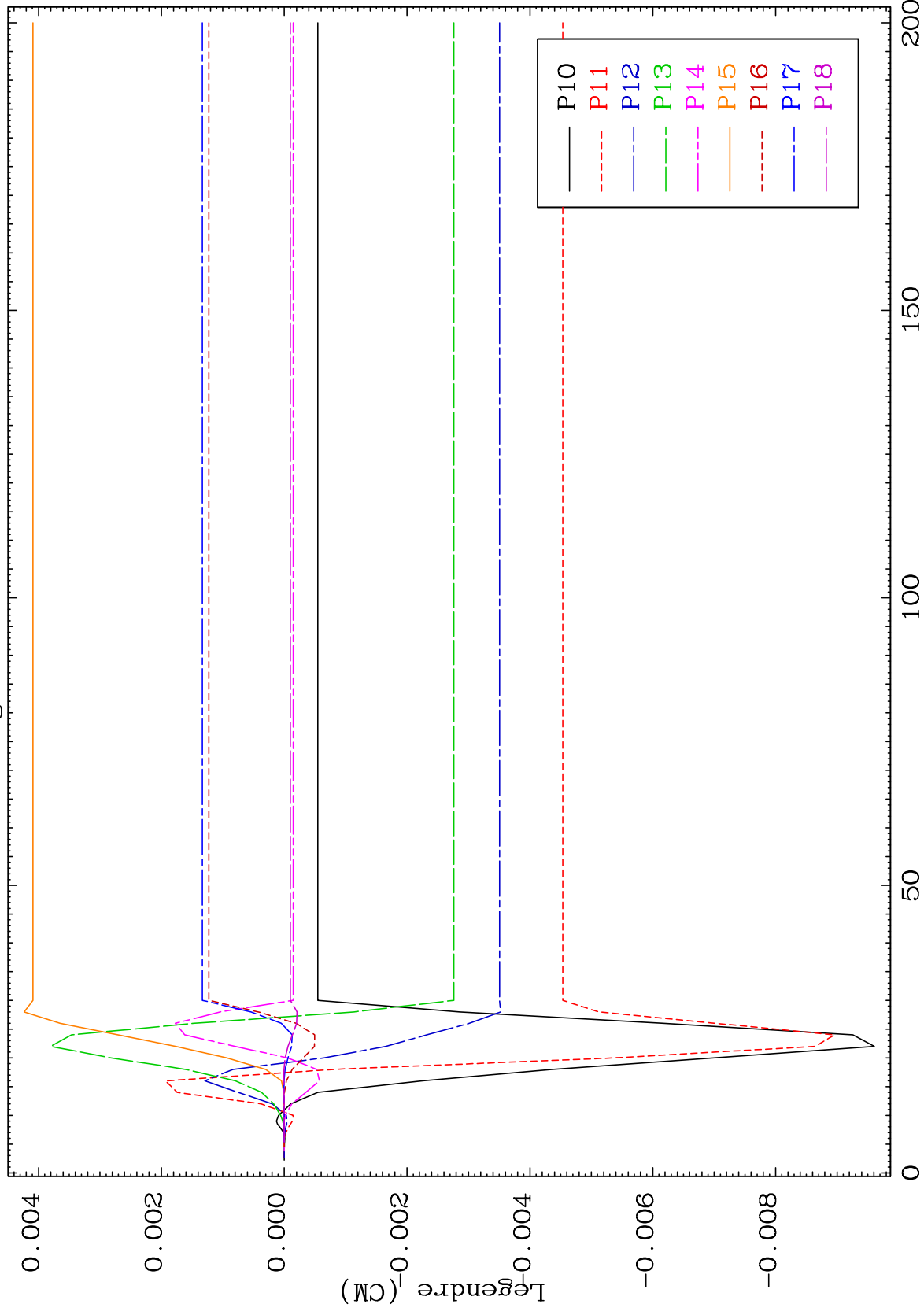
Incident Energy (MeV)

35

MAT 5901

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

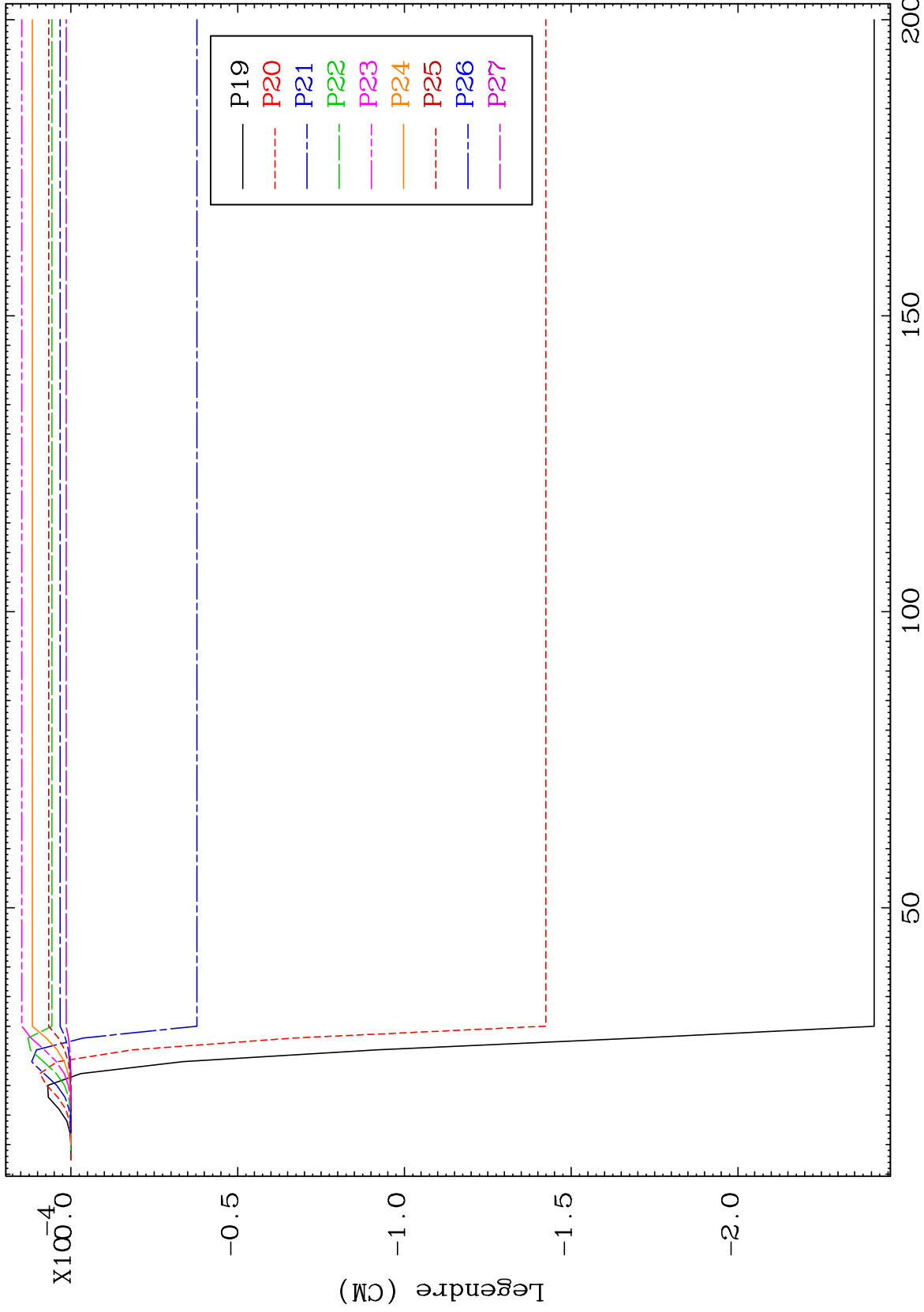
59-Pr-133



36

Incident Energy (MeV)

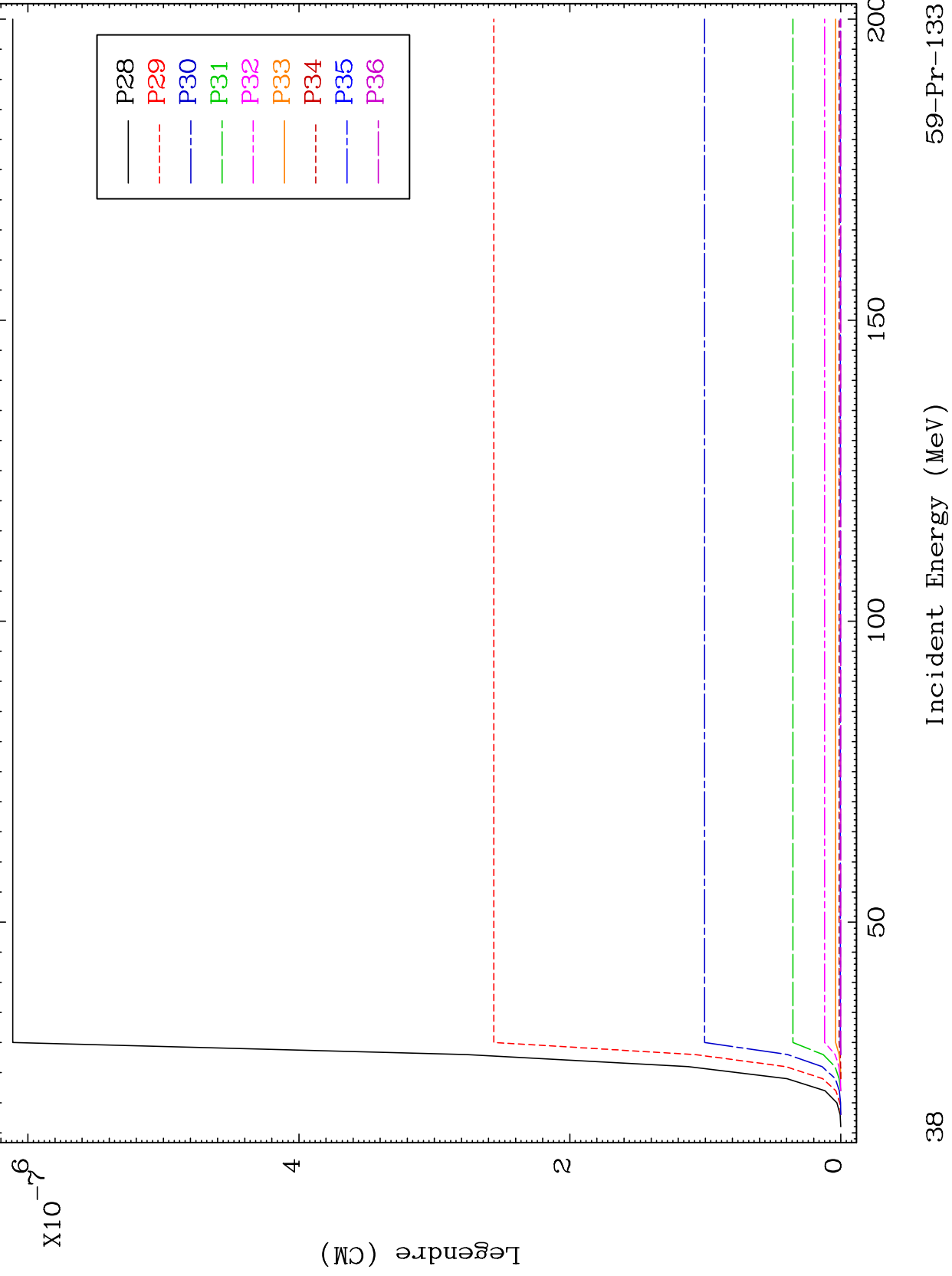
59-Pr-133



MAT 5901

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

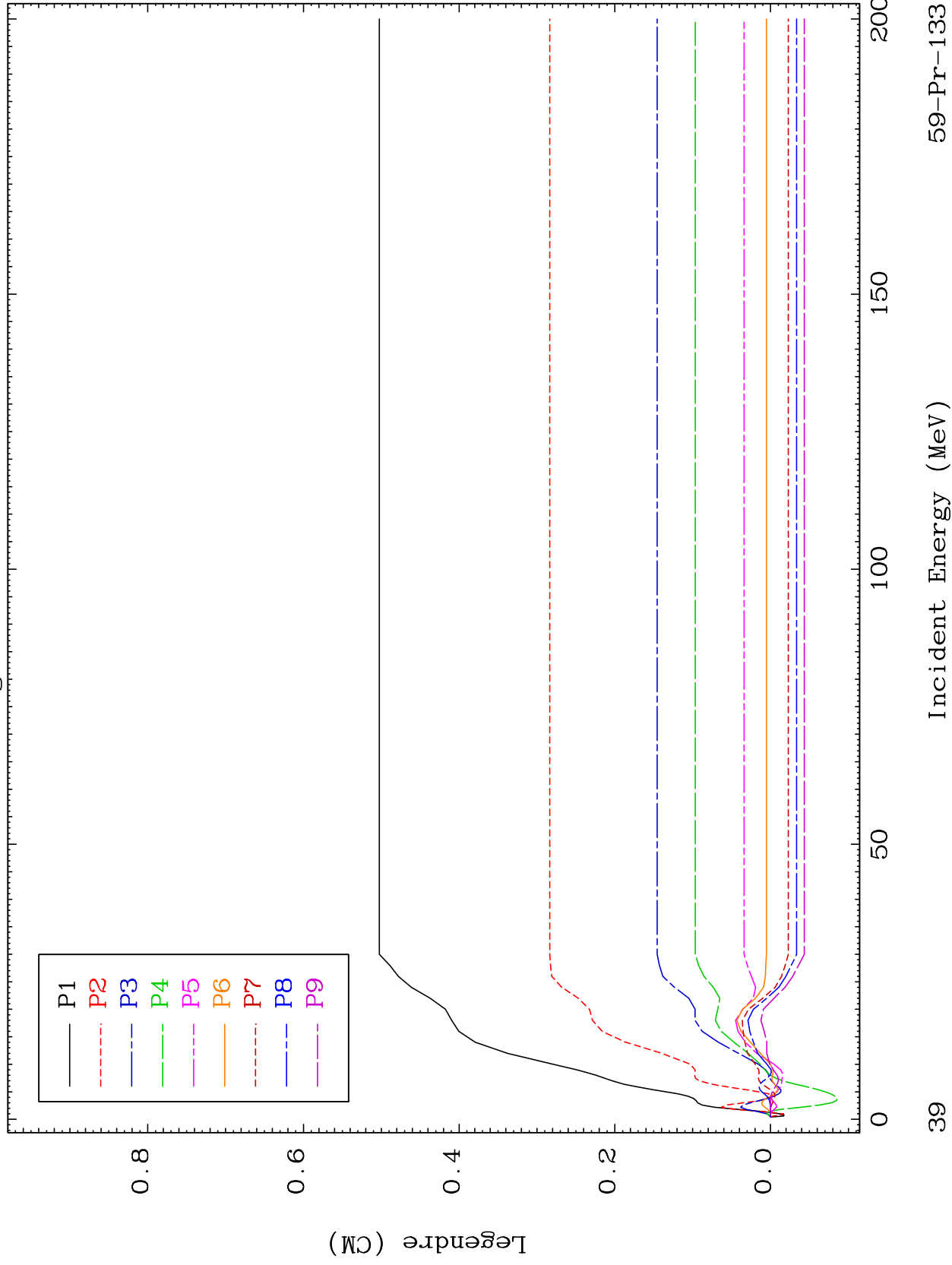
59-Pr-133



38

Incident Energy (MeV)

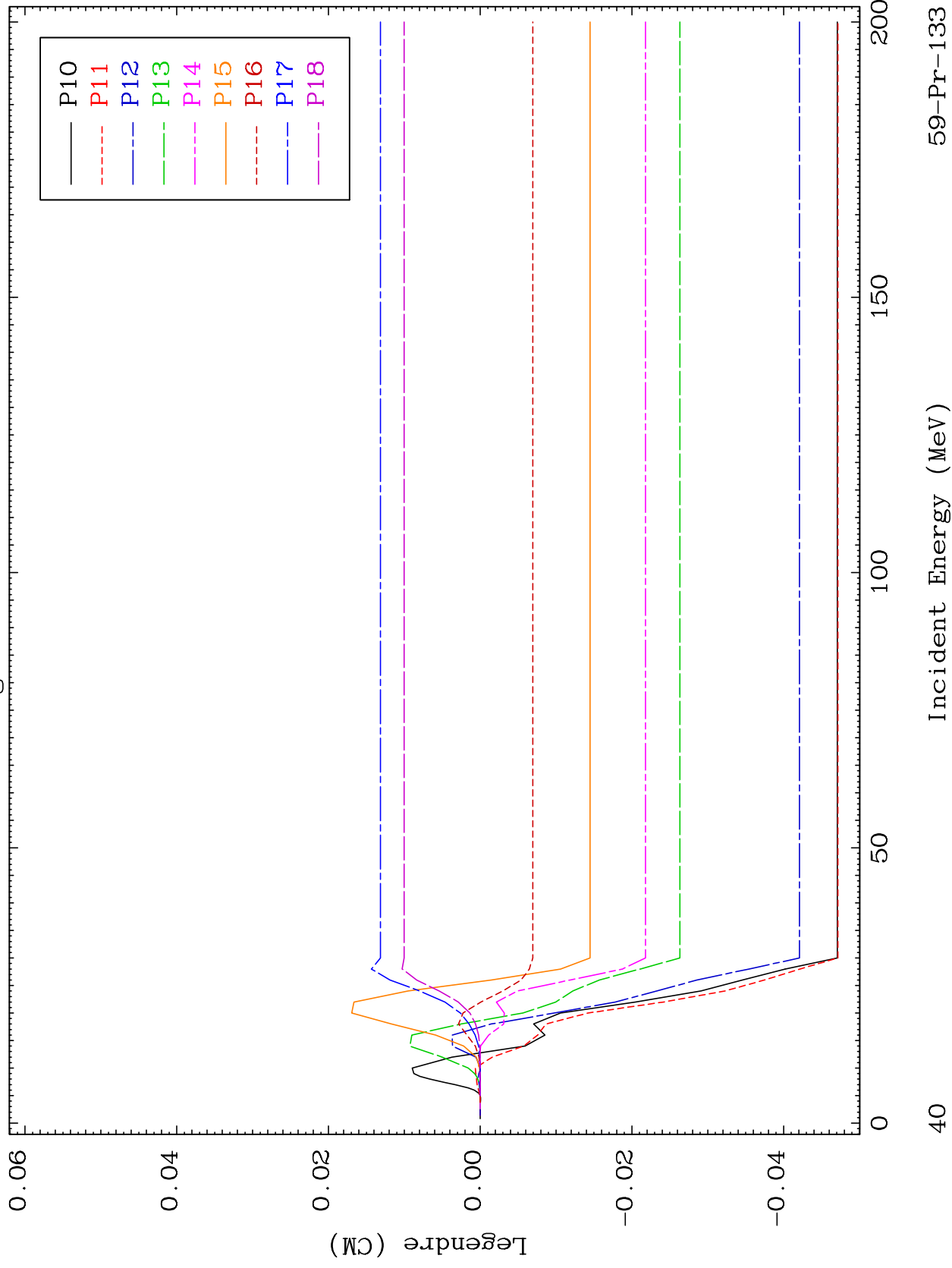
59-Pr-133



MAT 5901

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

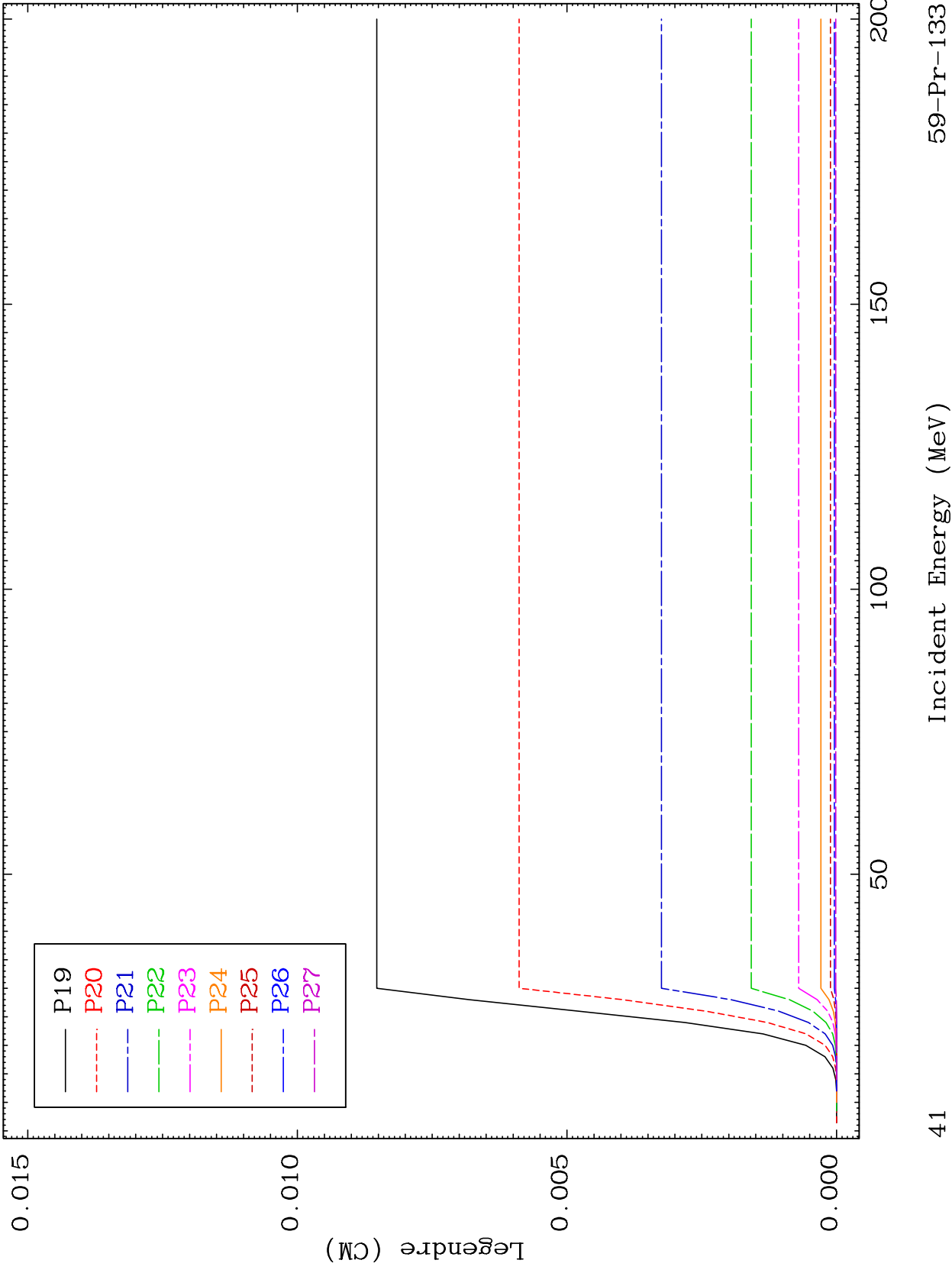
59-Pr-133



59-Pr-133

Incident Energy (MeV)

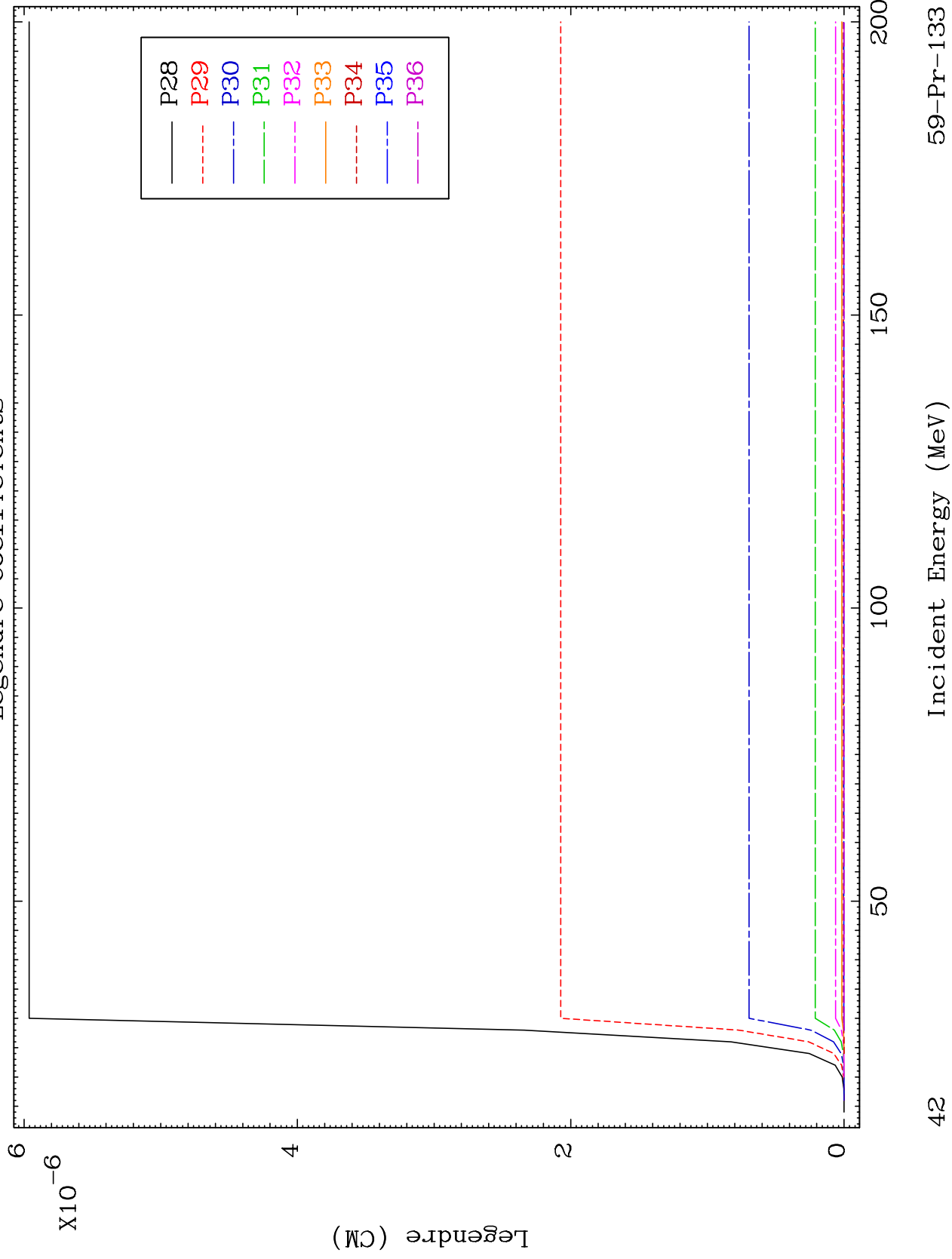
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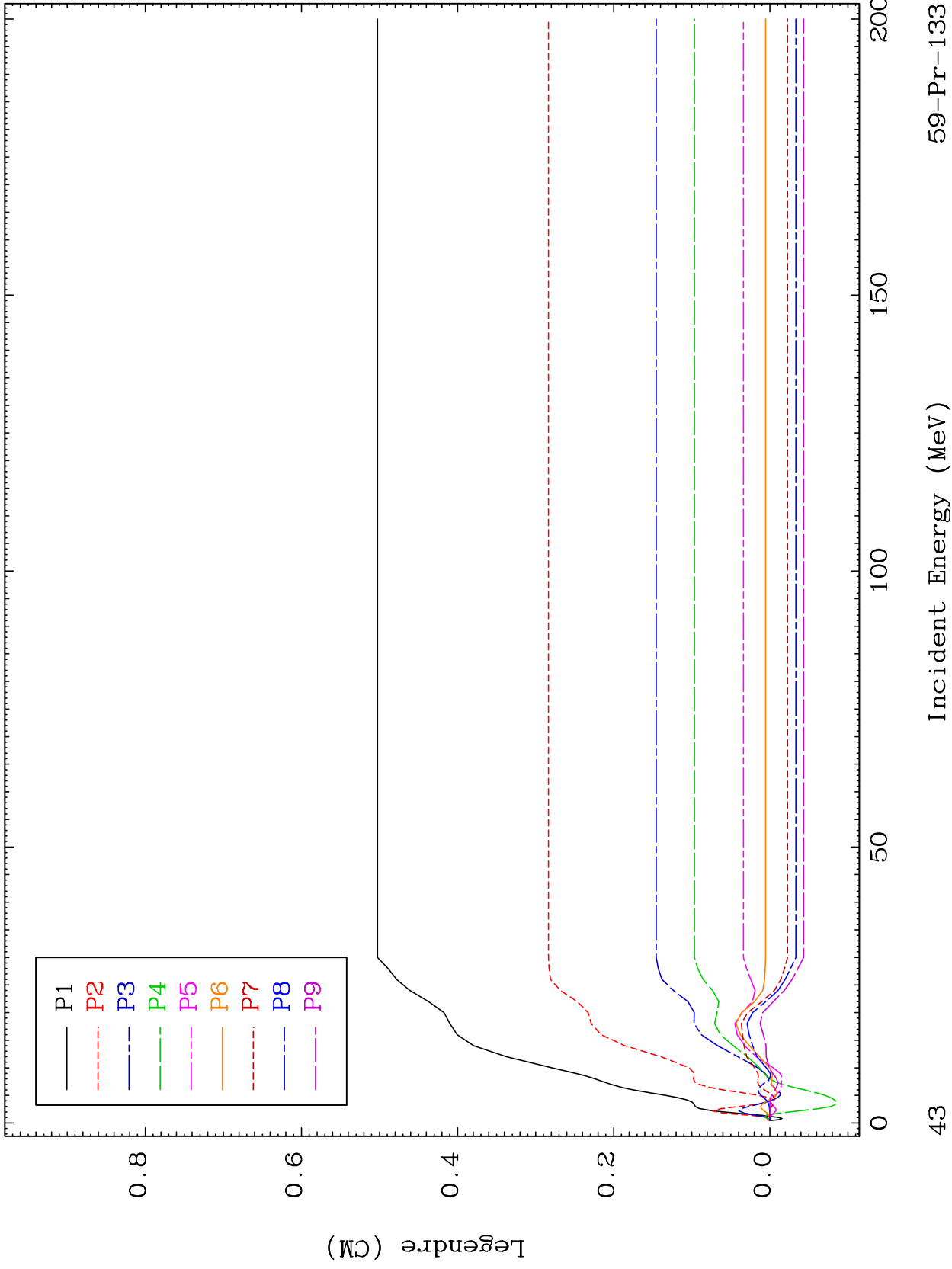


MAT 5901

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

59-Pr-133

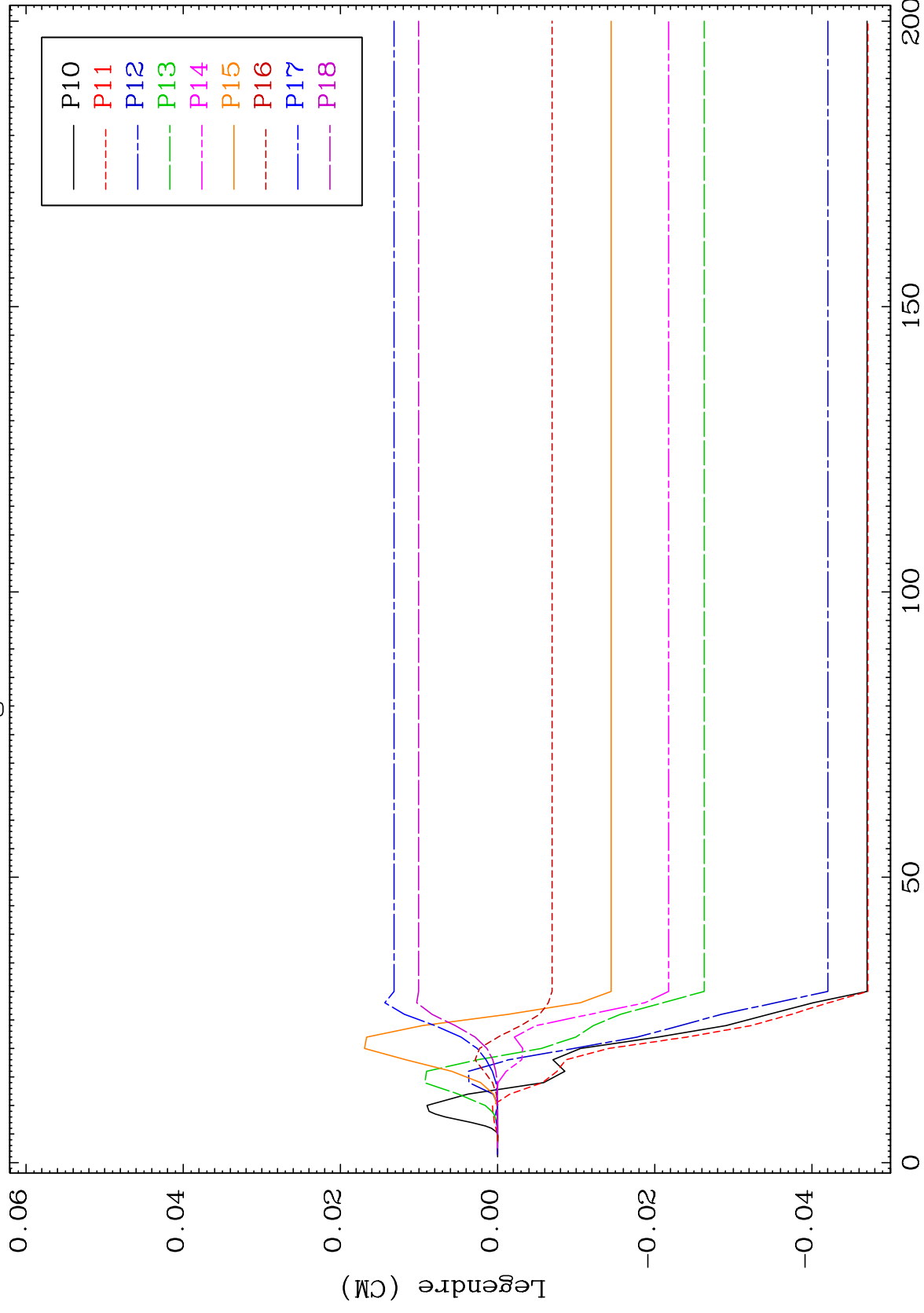




MAT 5901

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

59-Pr-133



44

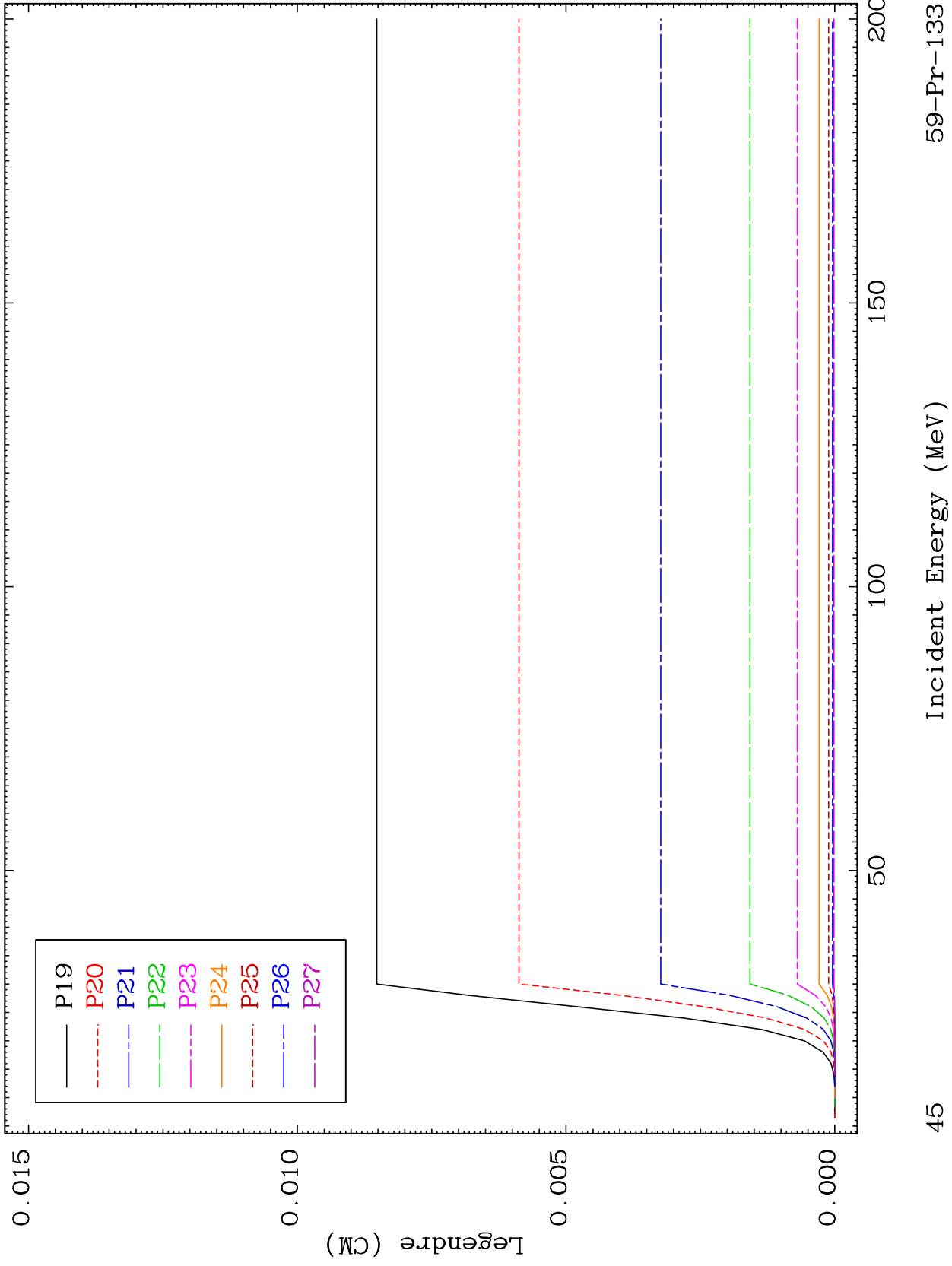
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



45

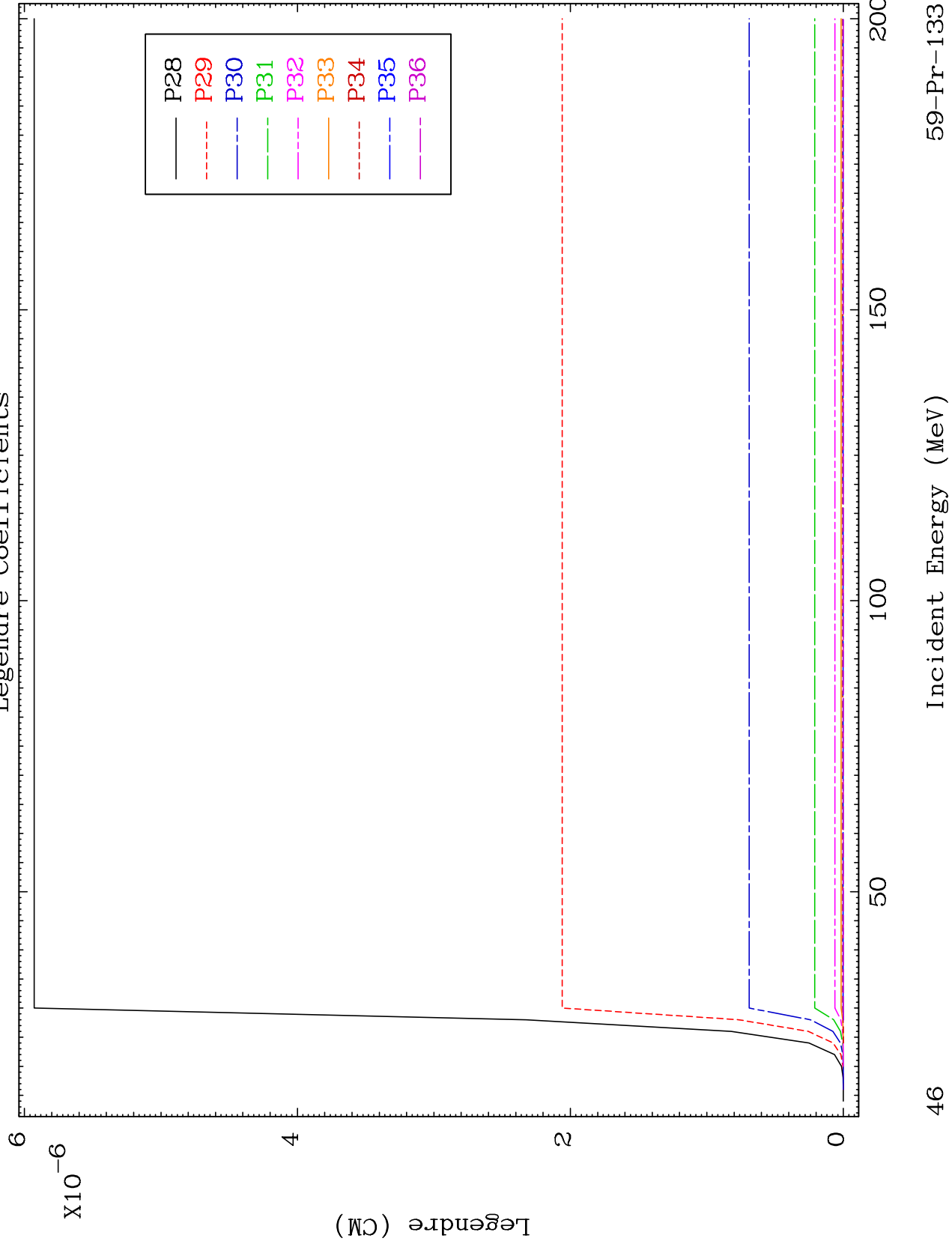
Incident Energy (MeV)

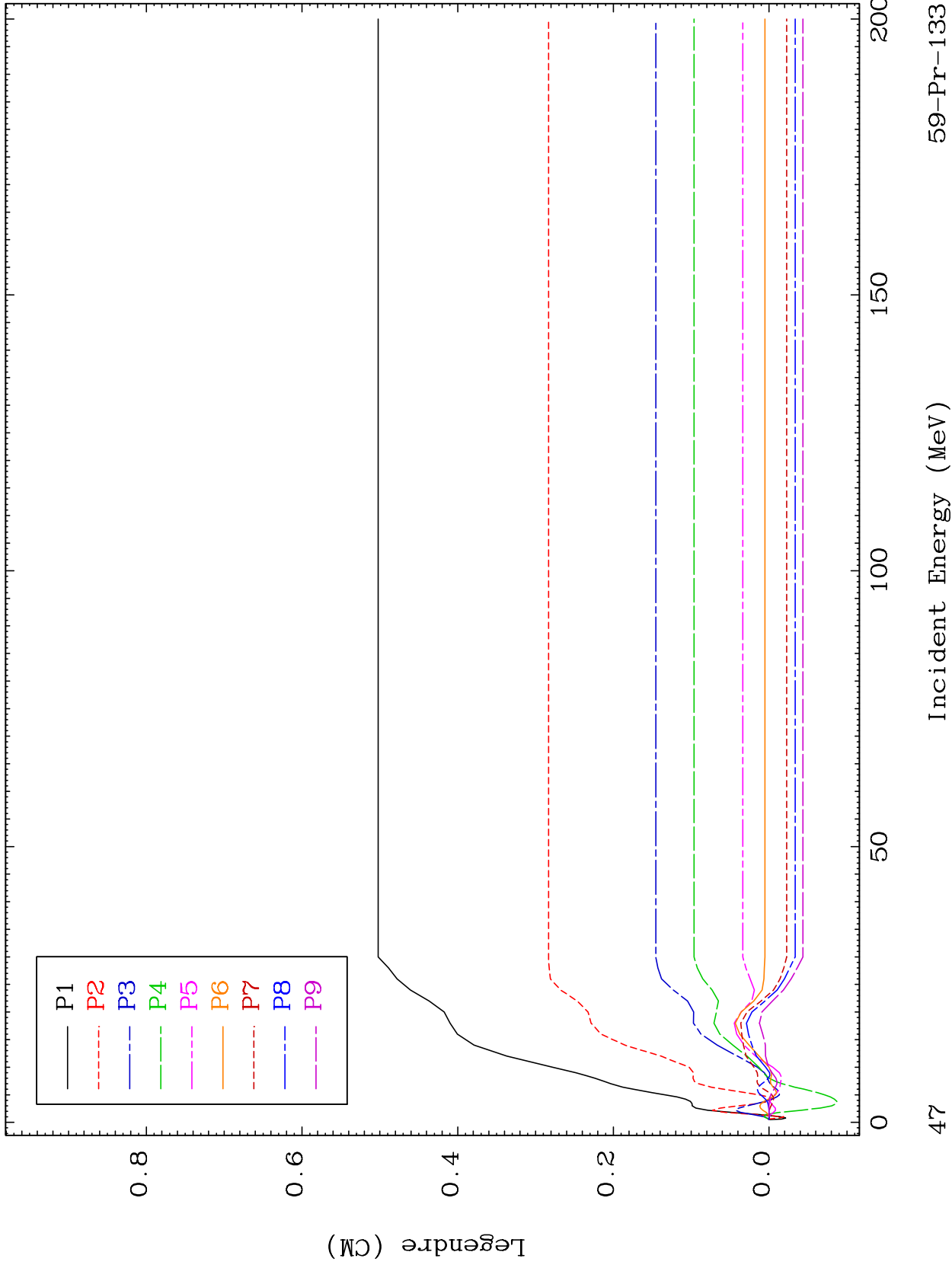
59-Pr-133

MAT 5901

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

59-Pr-133

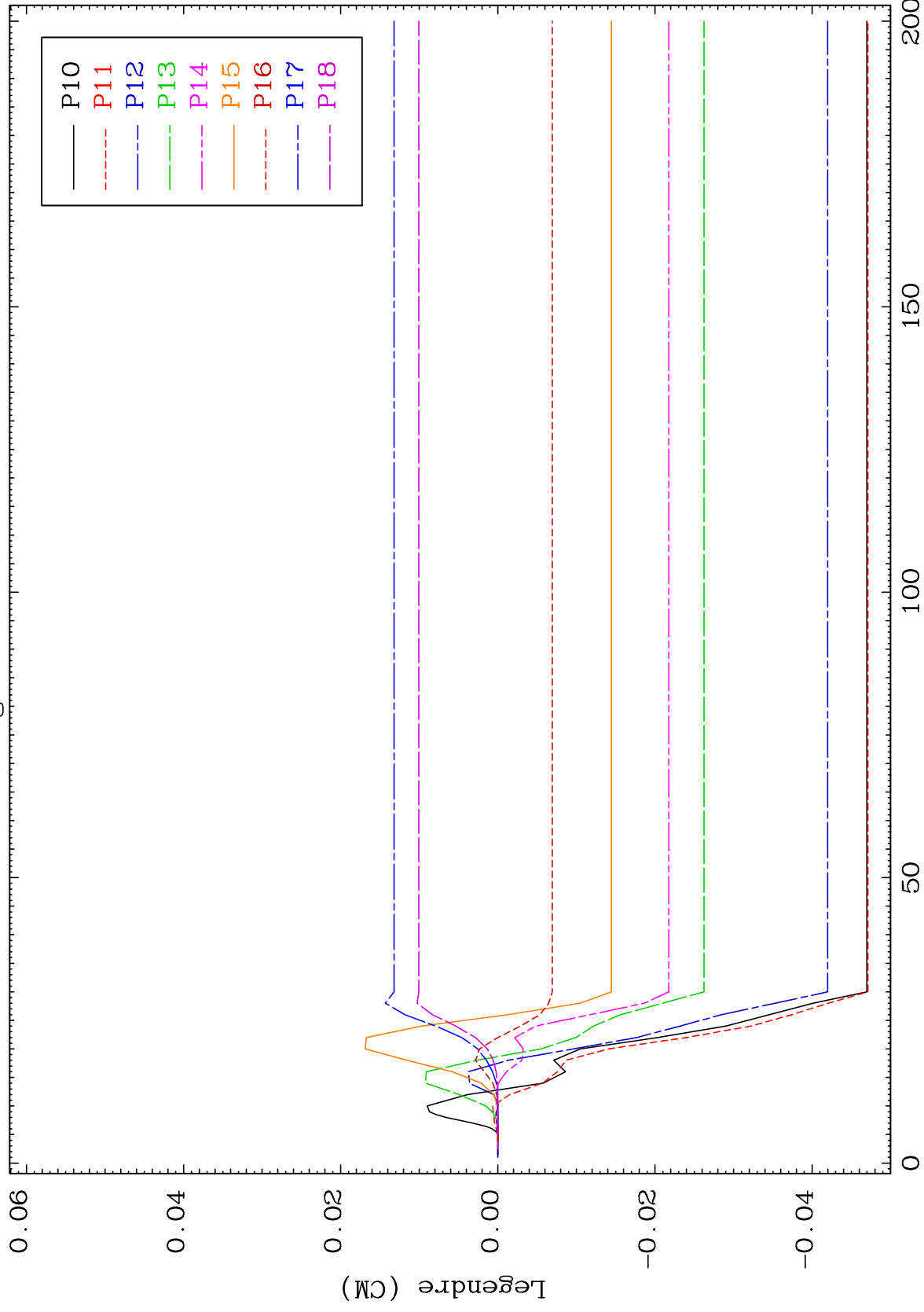




MAT 5901

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

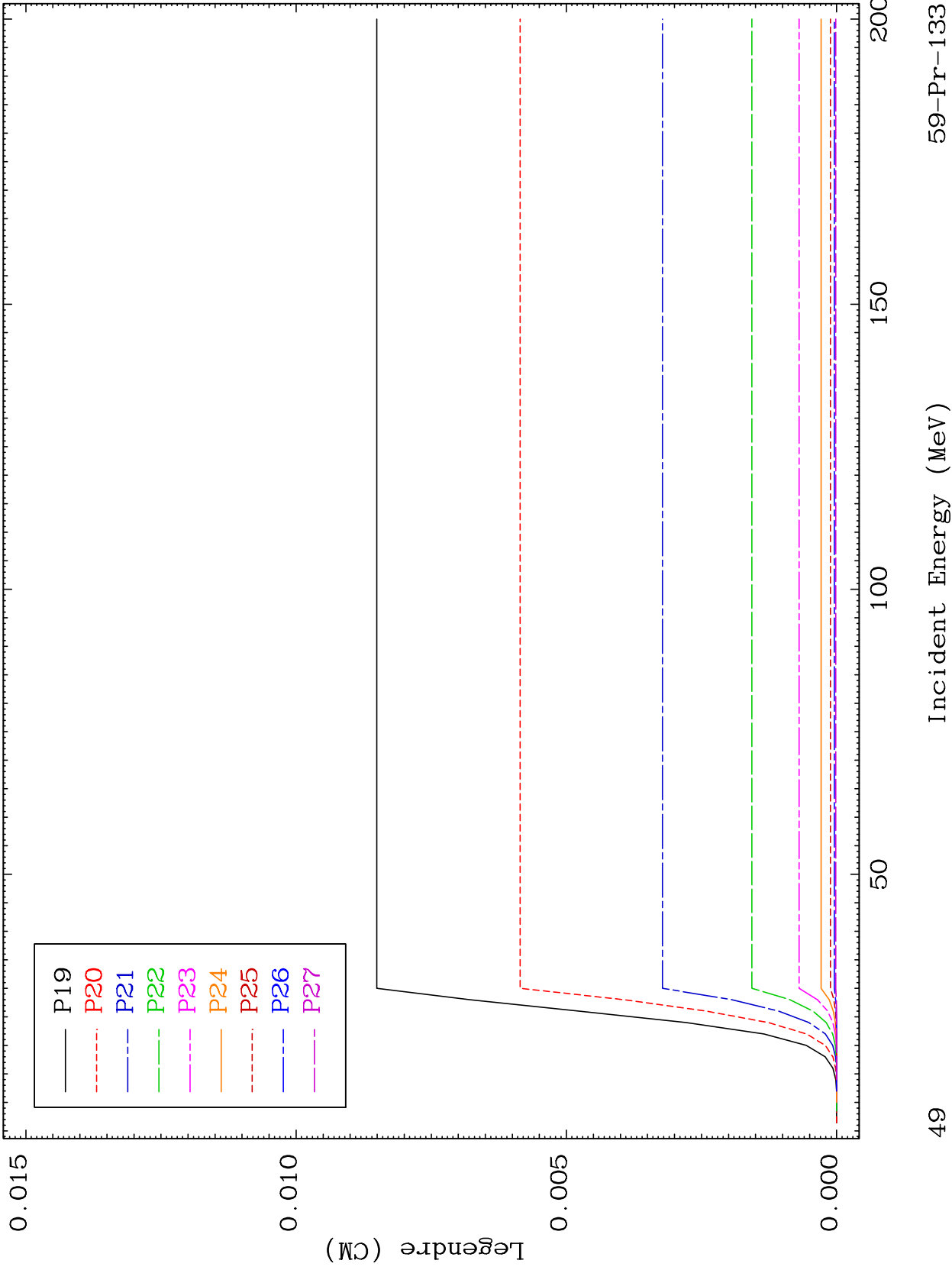
59-Pr-133



48

Incident Energy (MeV)

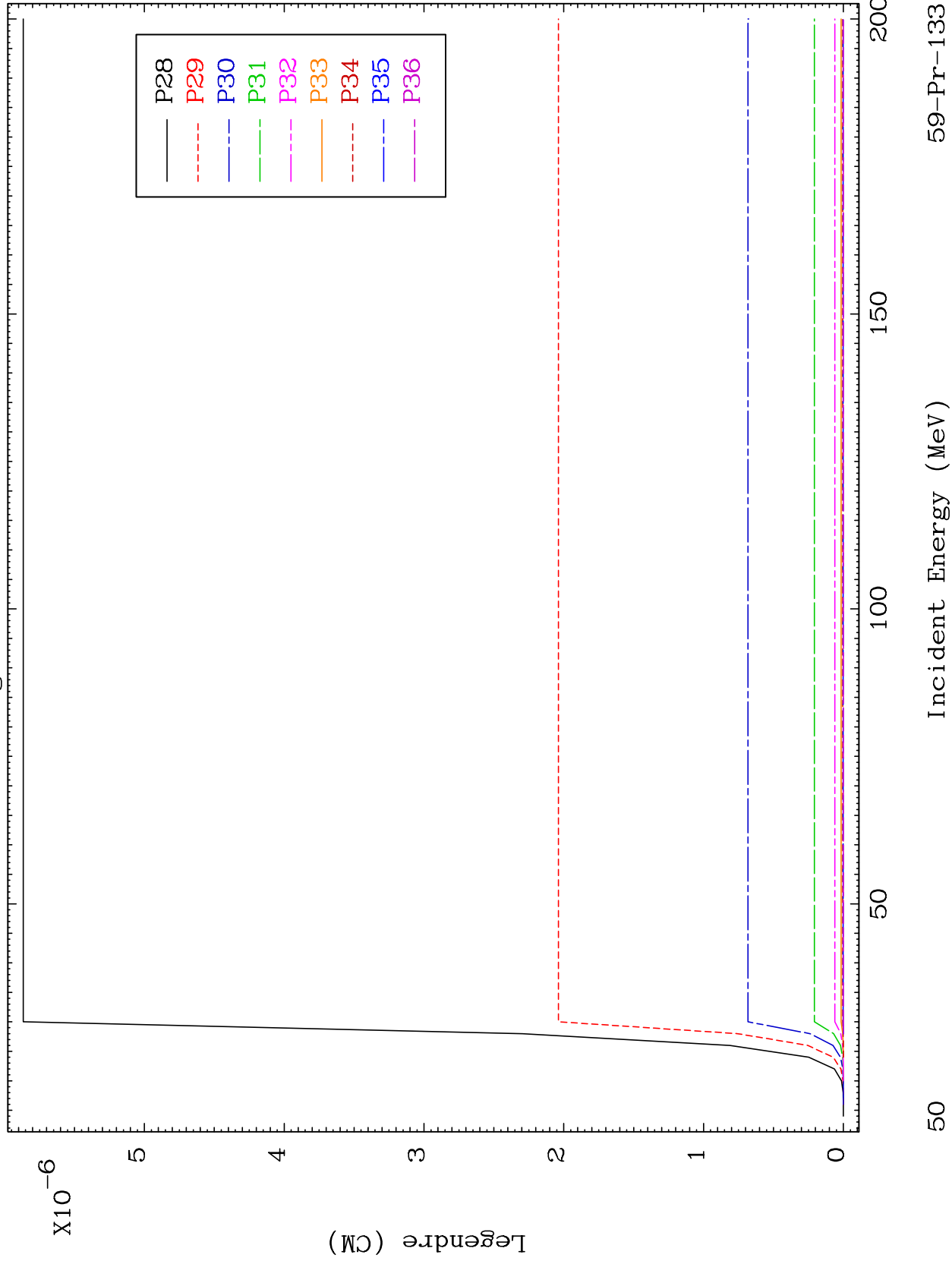
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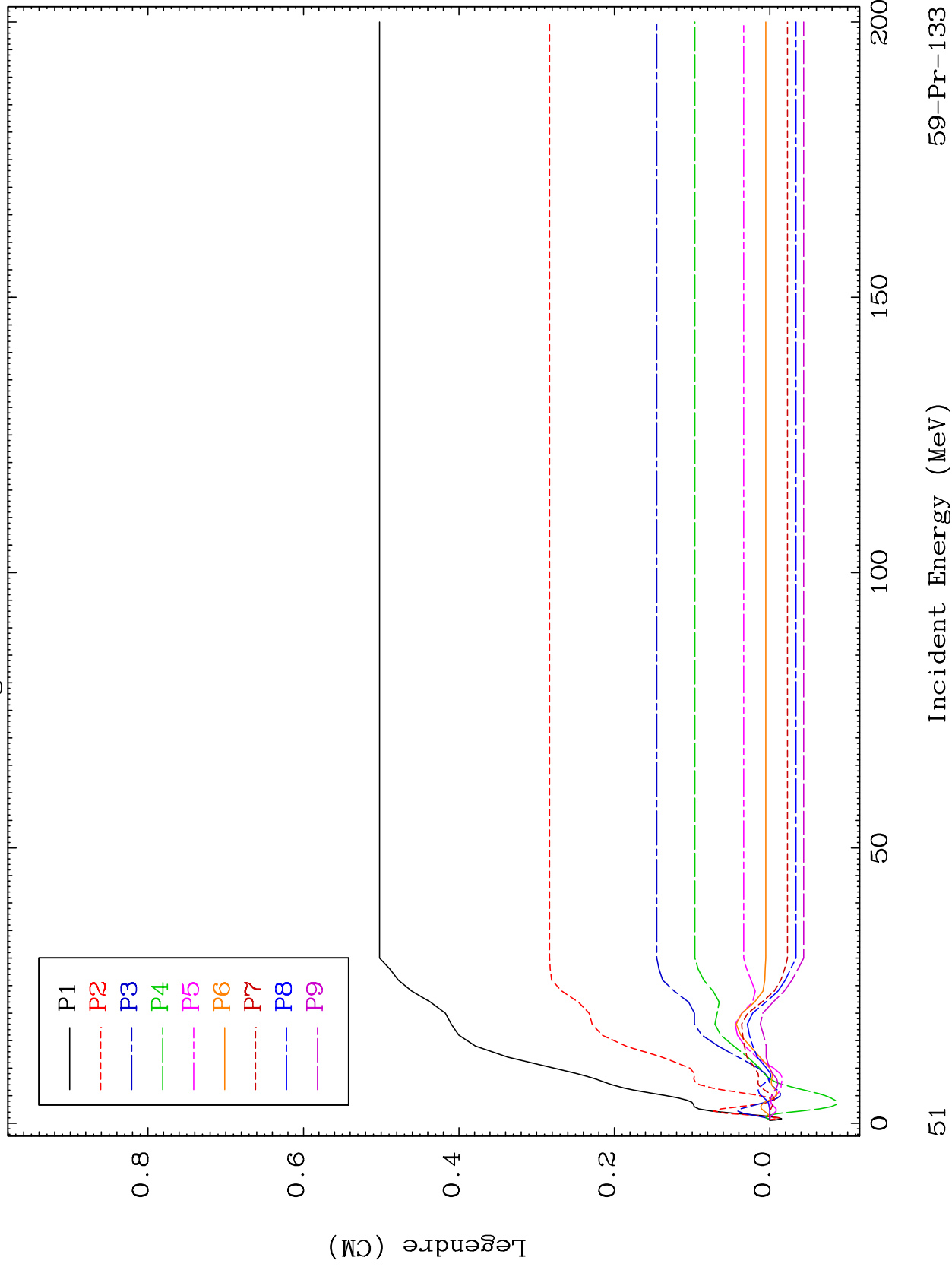


MAT 5901

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

59-Pr-133

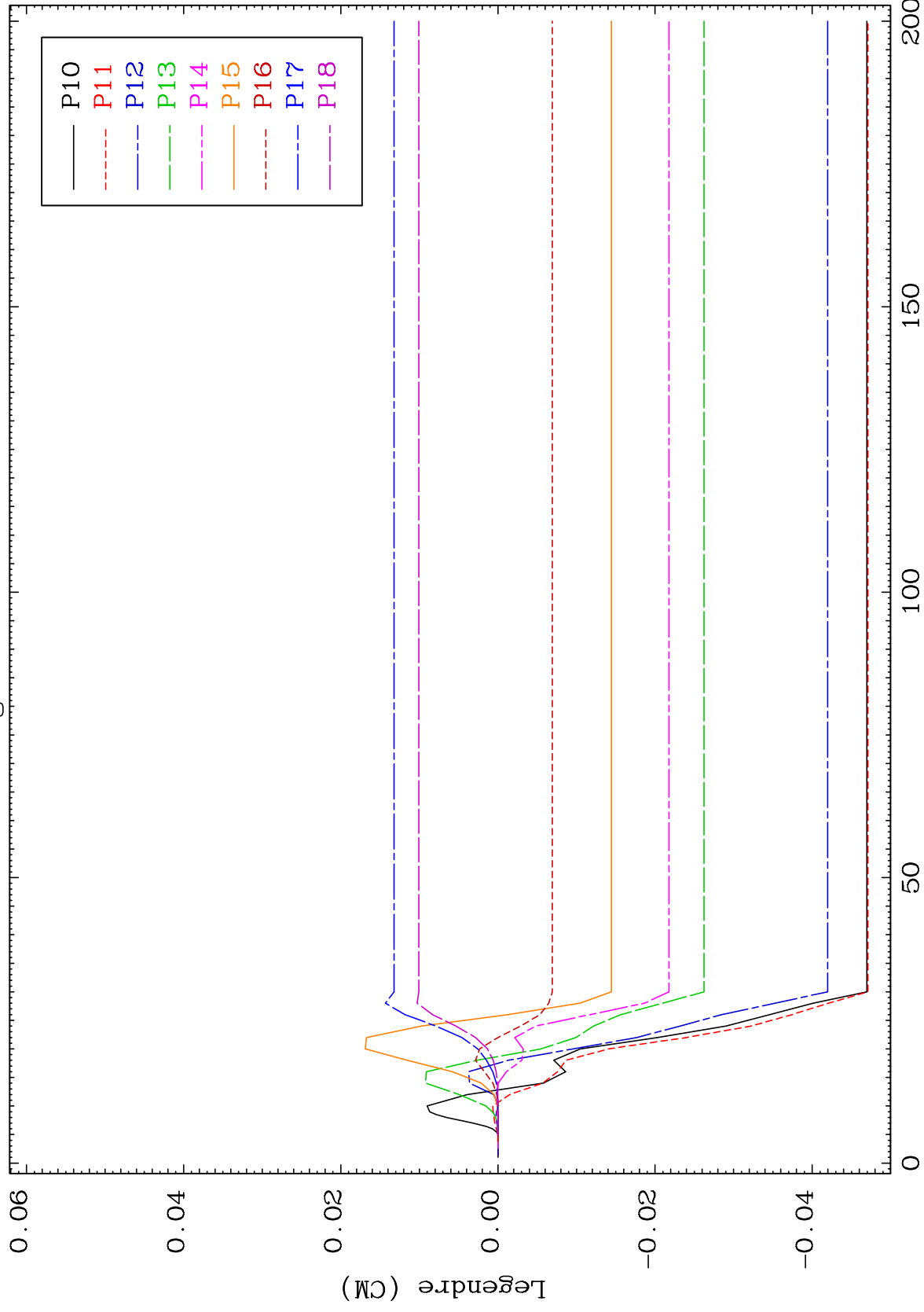




MAT 5901

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

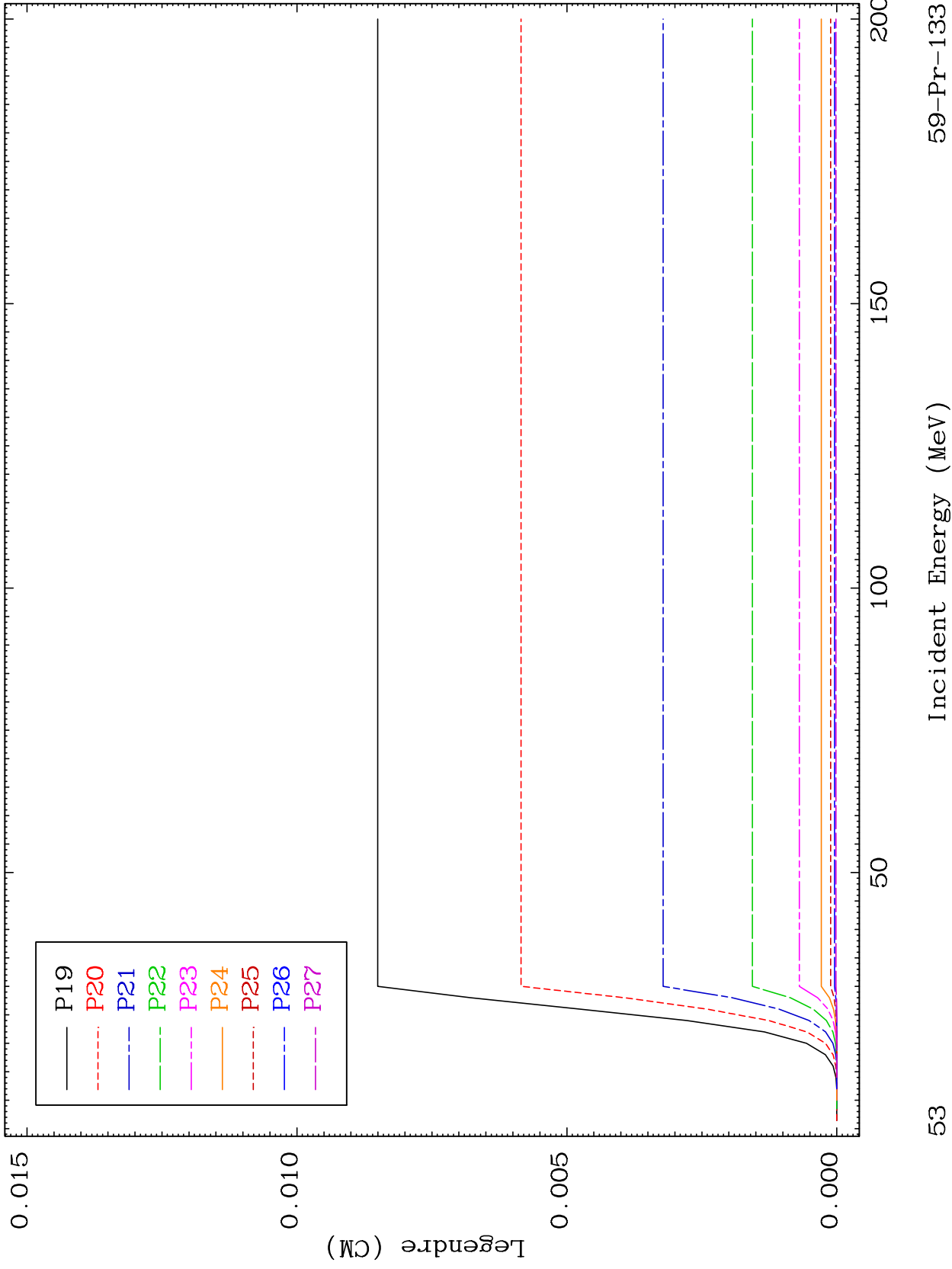
59-Pr-133



52

Incident Energy (MeV)

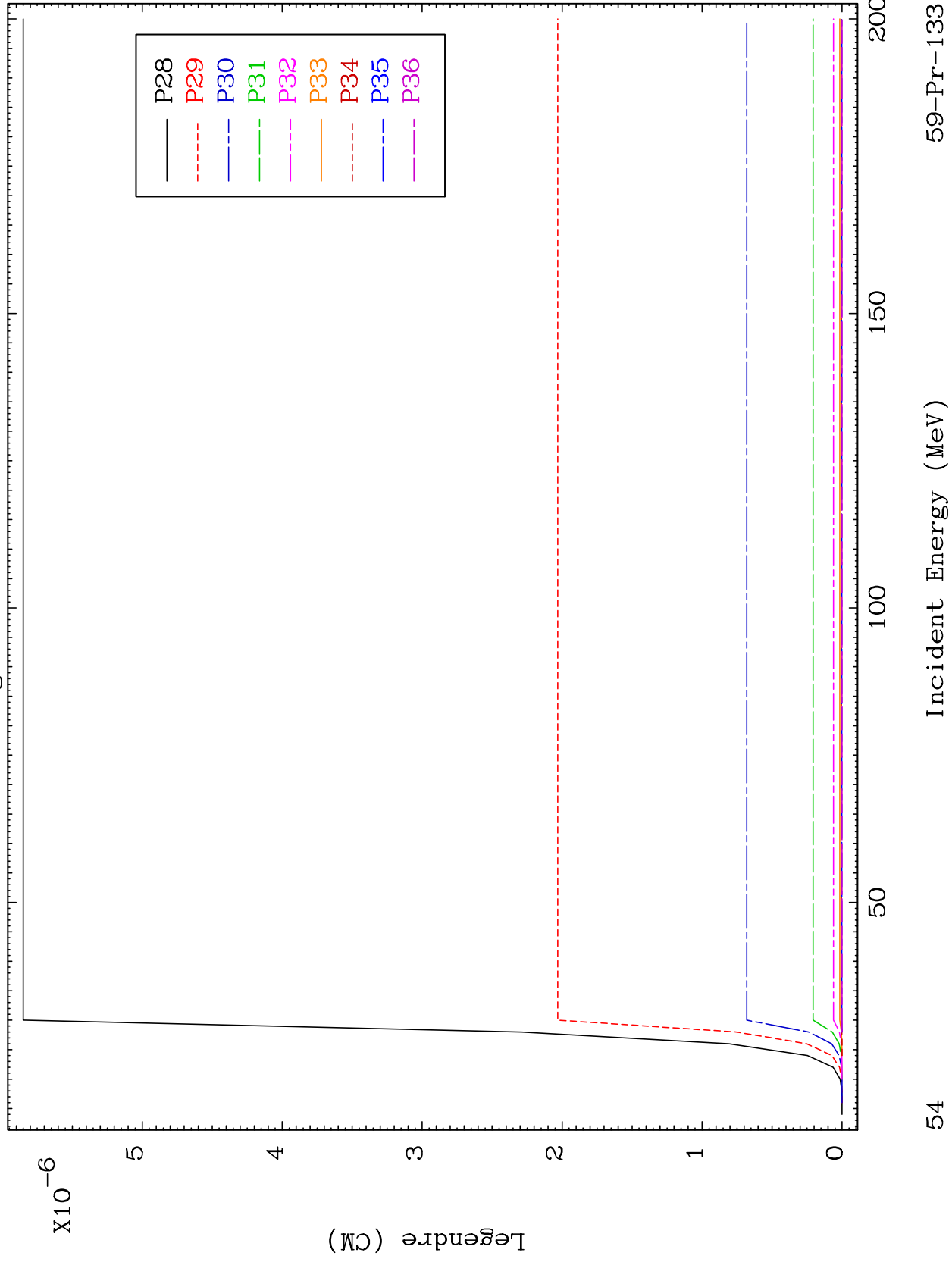
59-Pr-133



MAT 5901

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

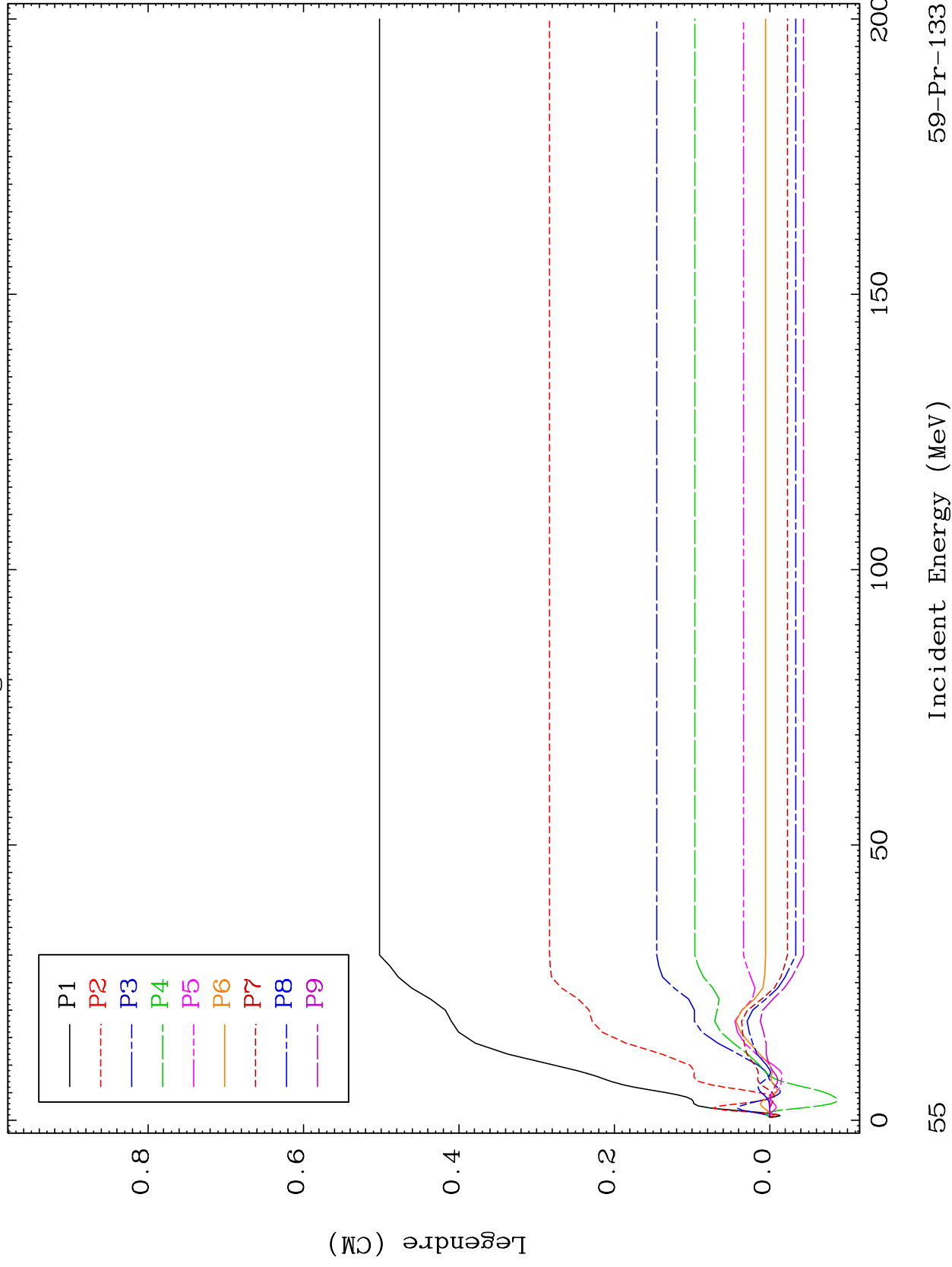
59-Pr-133



54

Incident Energy (MeV)

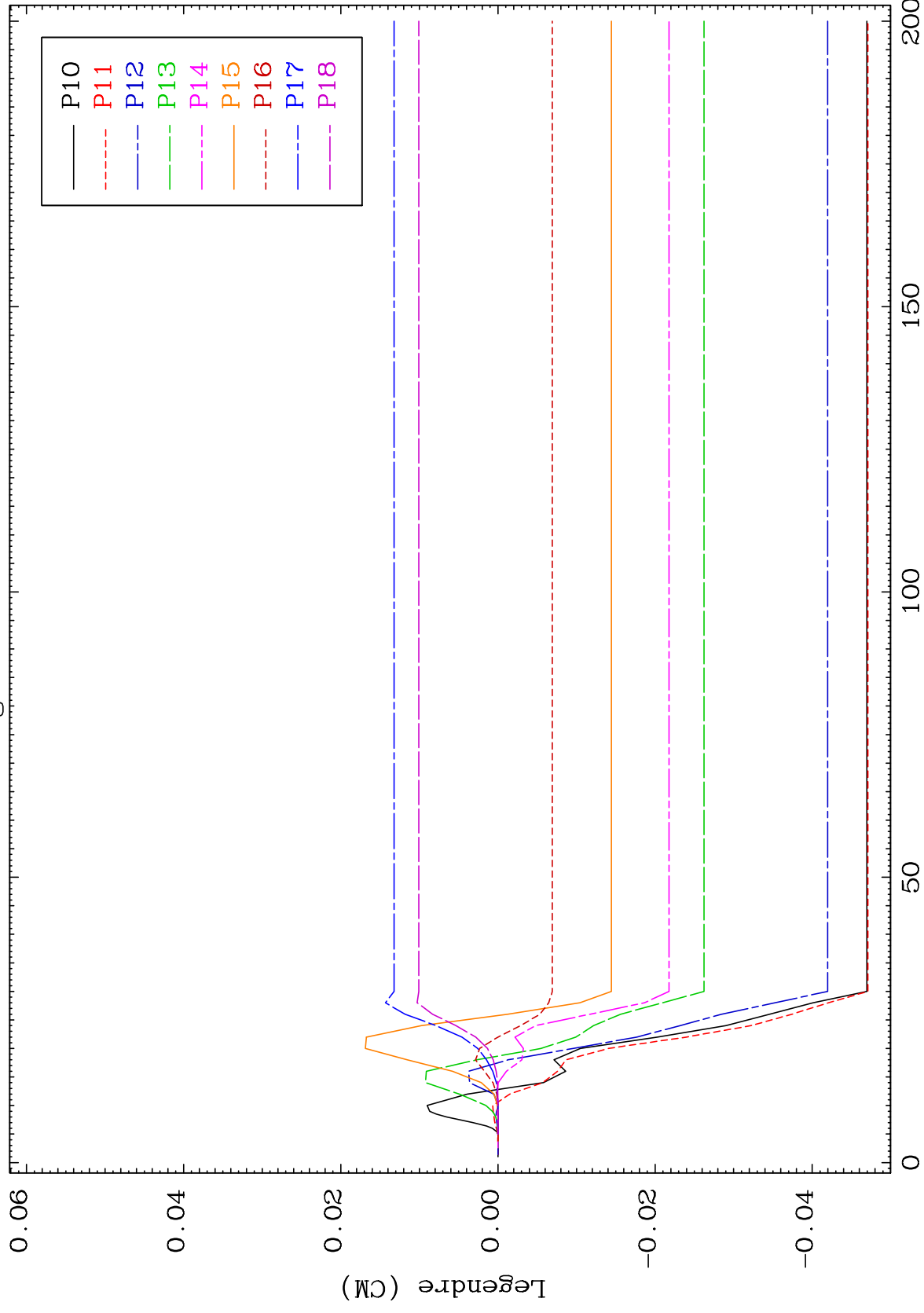
59-Pr-133



MAT 5901

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

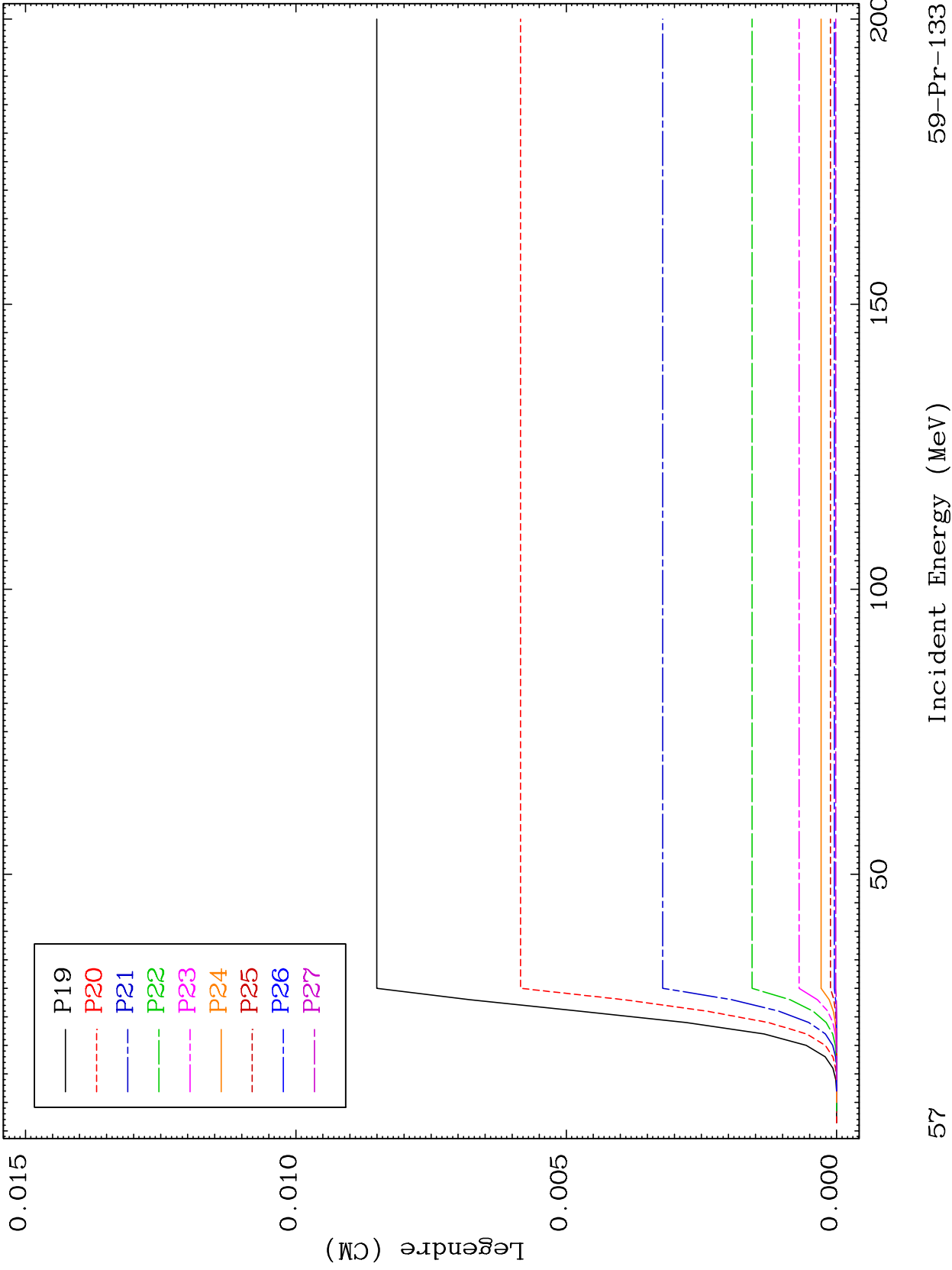
59-Pr-133



56

Incident Energy (MeV)

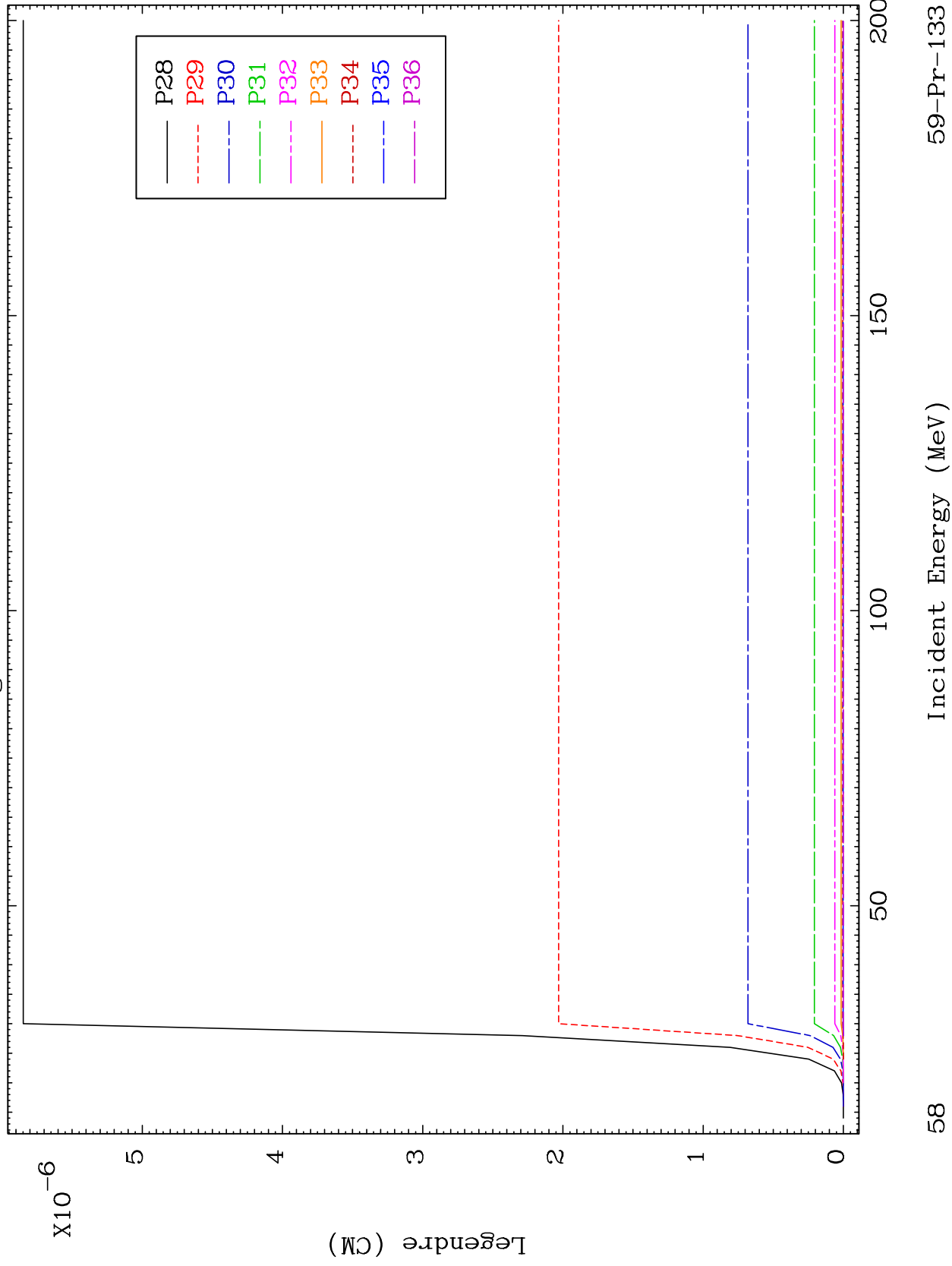
59-Pr-133



MAT 5901

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

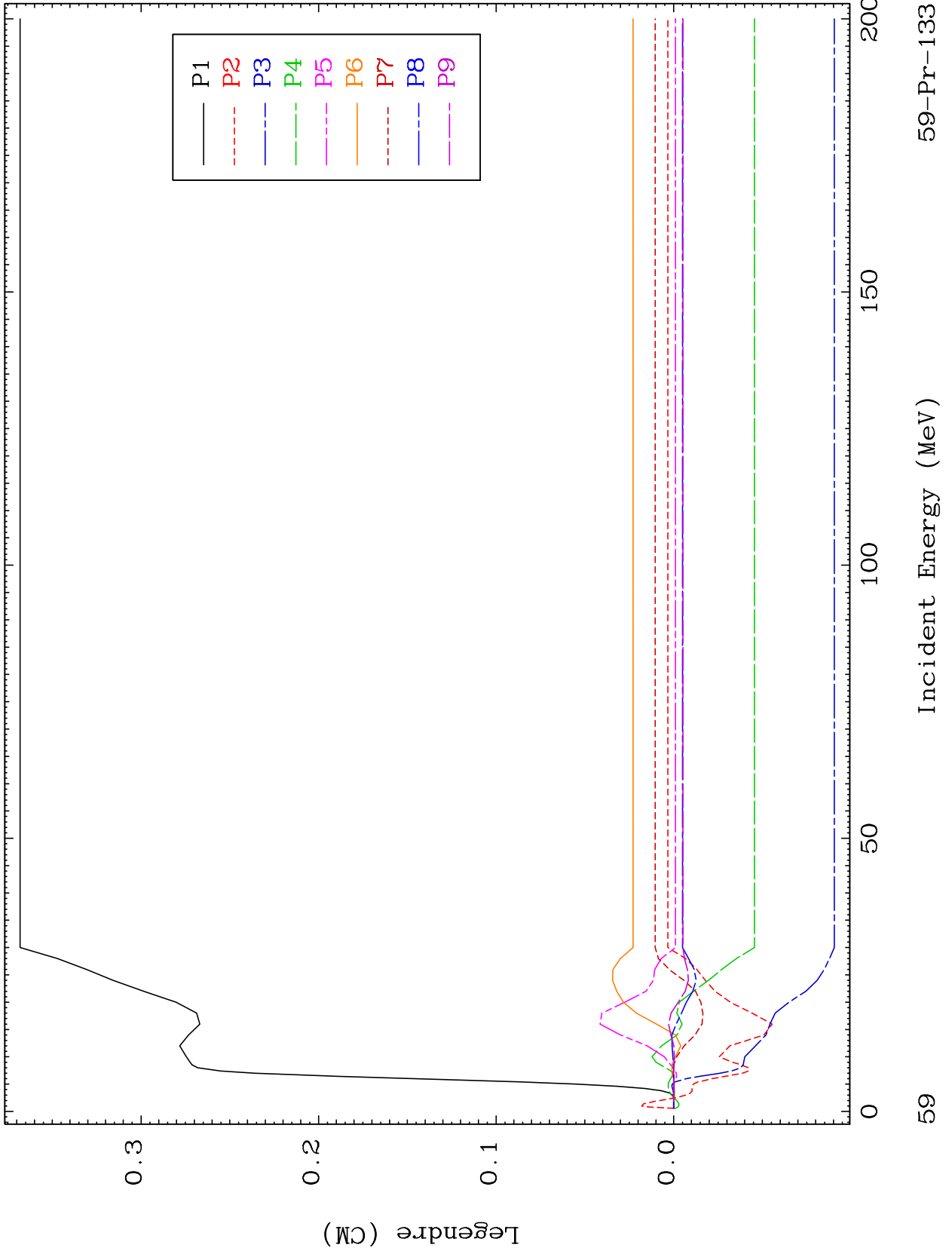
59-Pr-133



MAT 5901

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

59-Pr-133



59

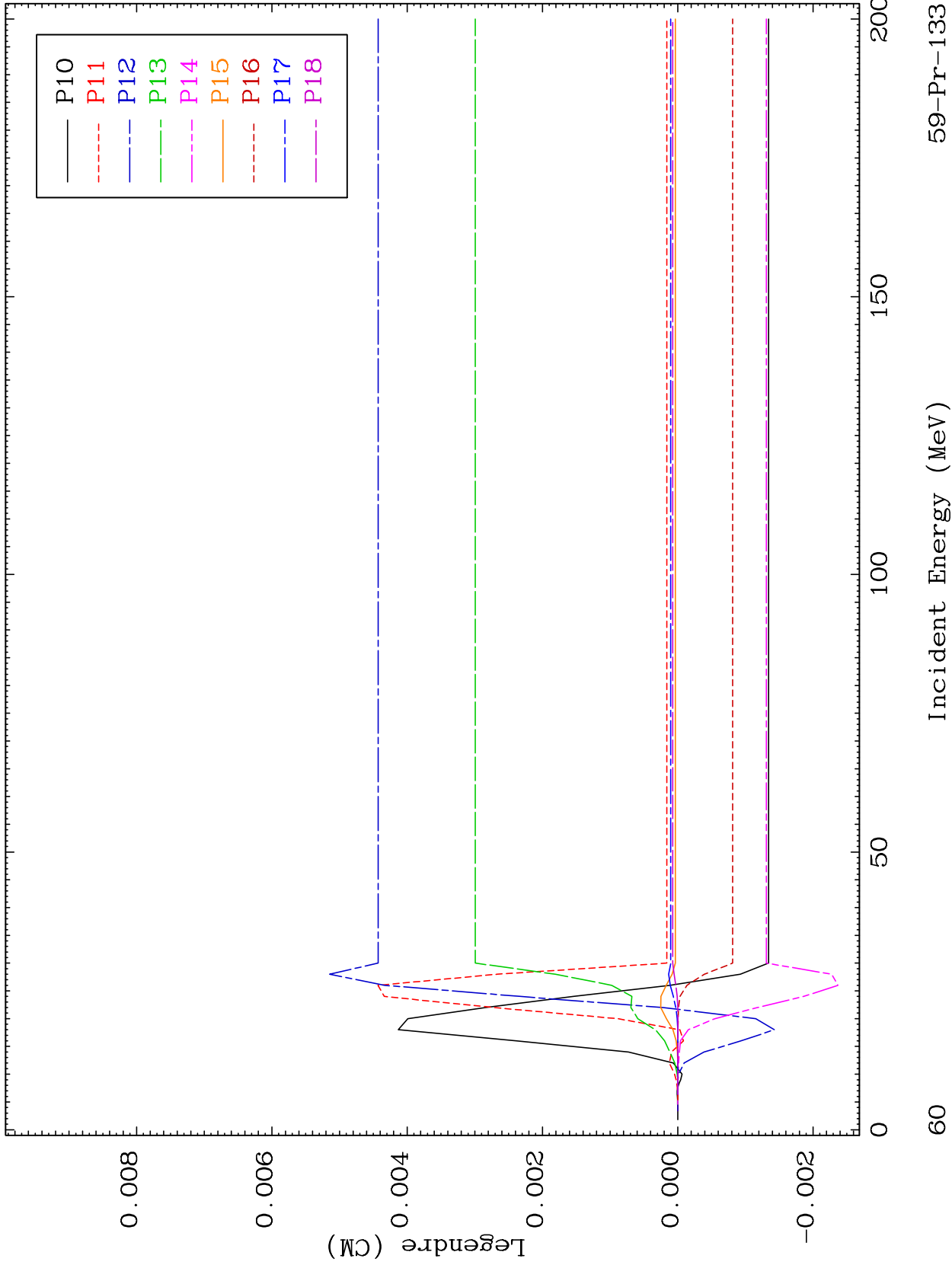
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

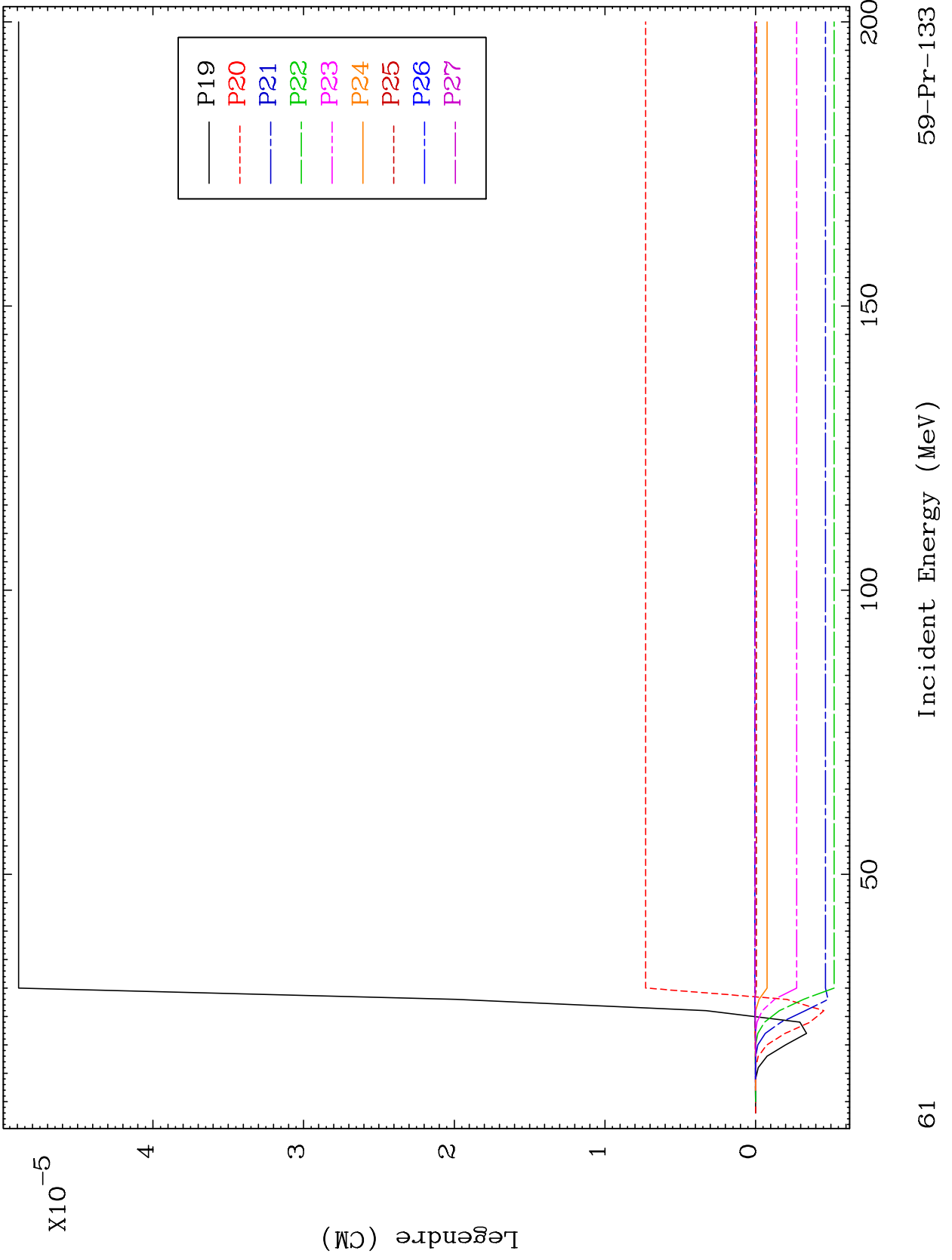
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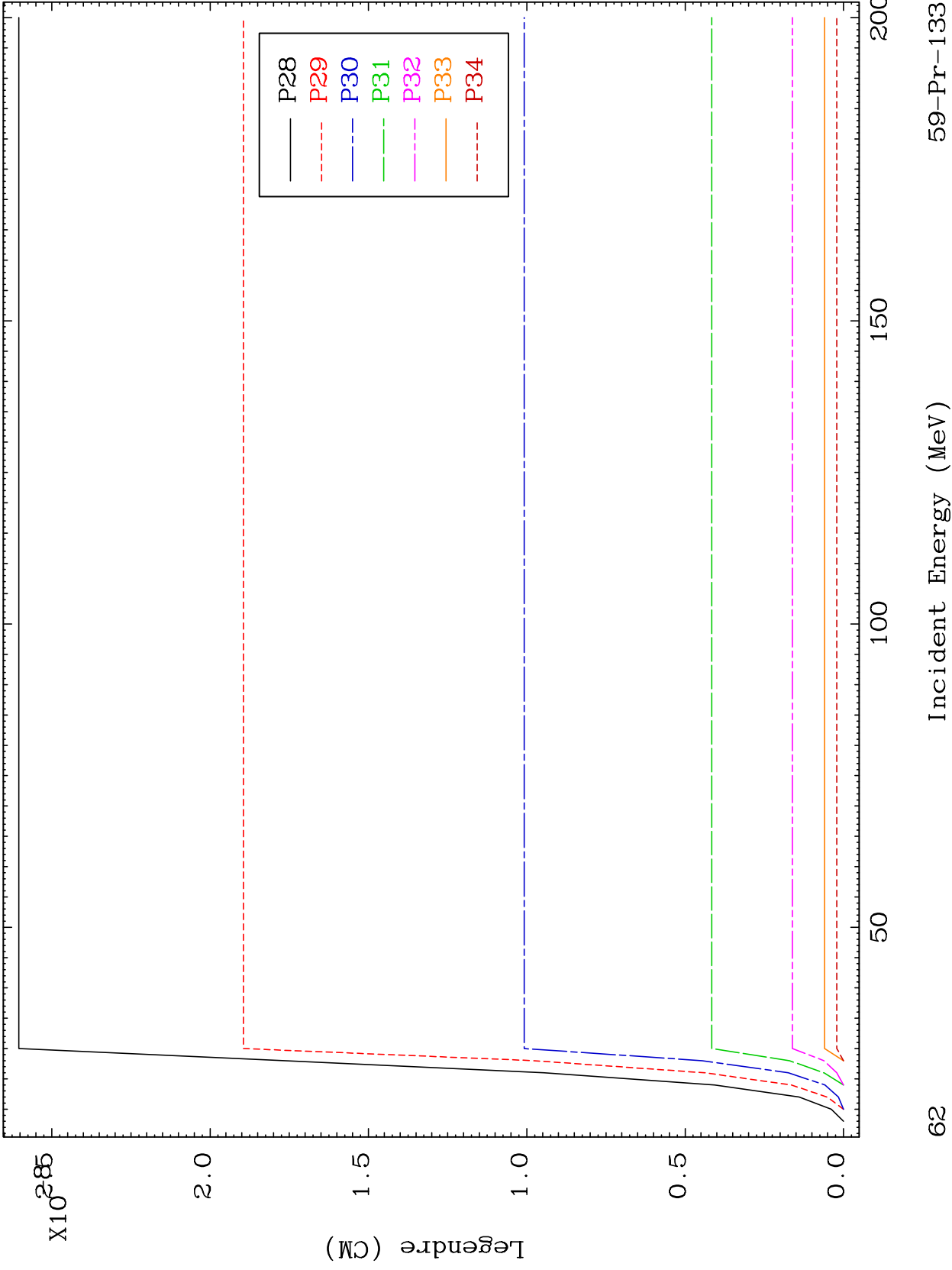


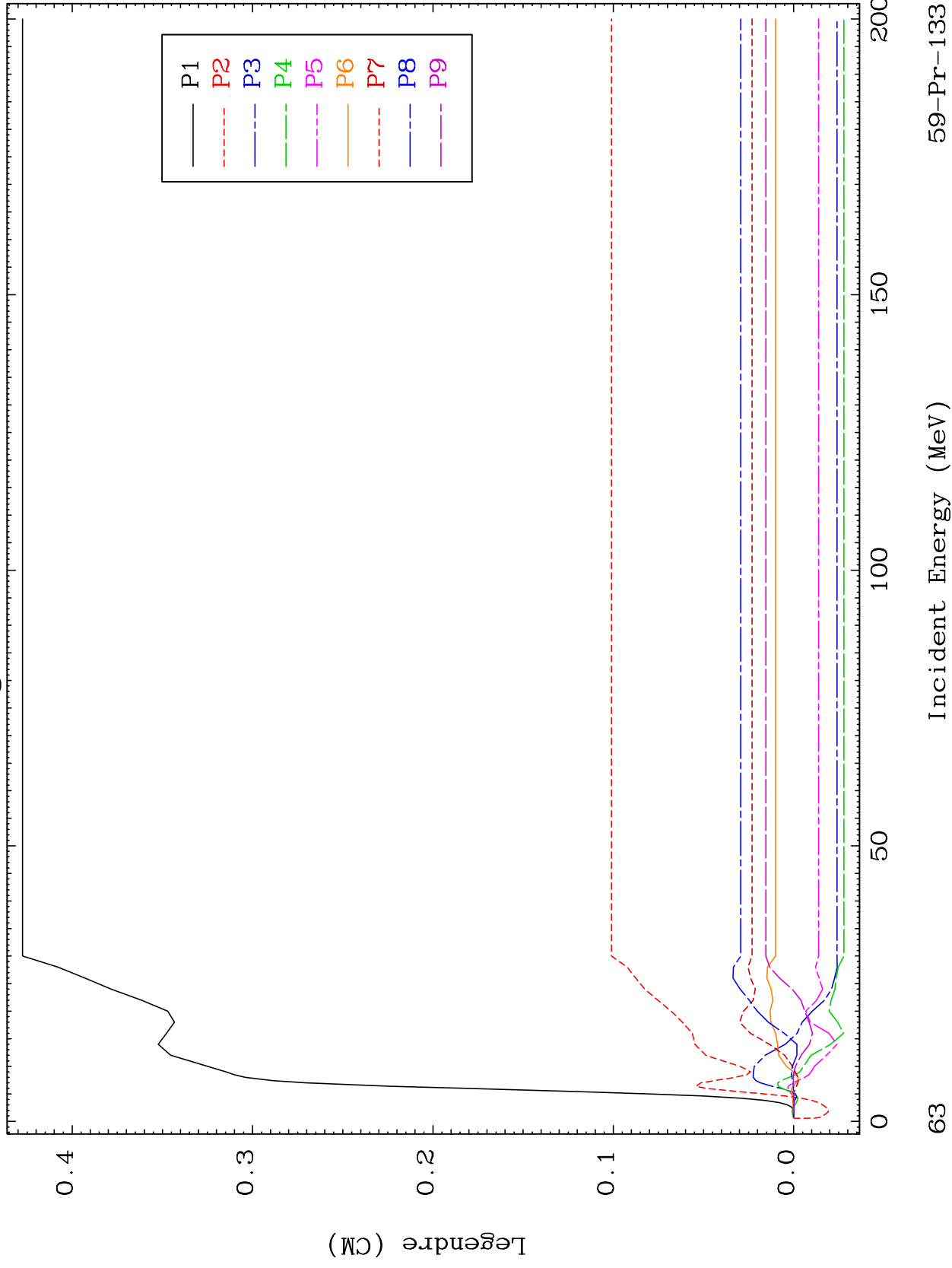
MAT 5901

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

59-Pr-133



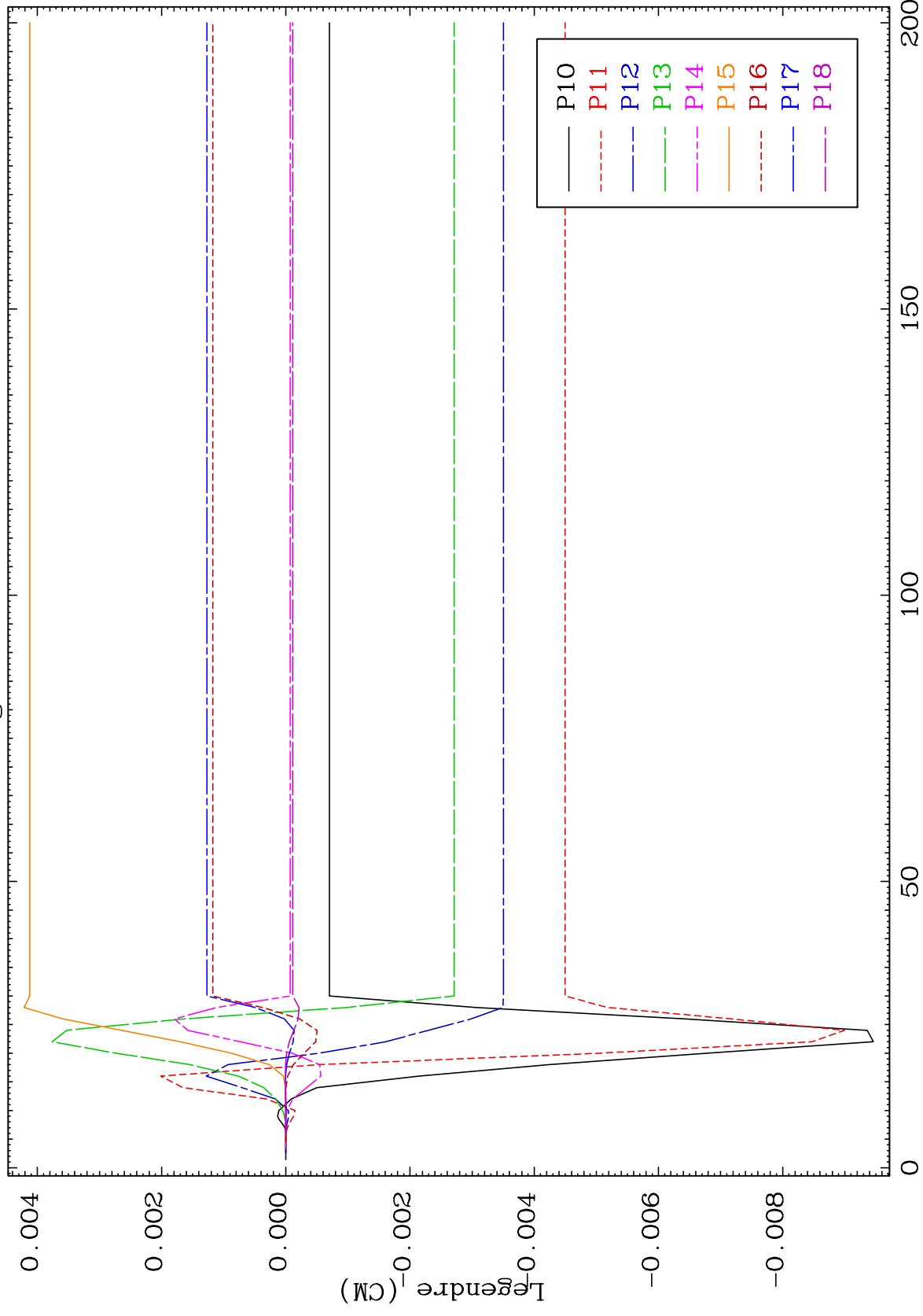




MAT 5901

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

59-Pr-133



64

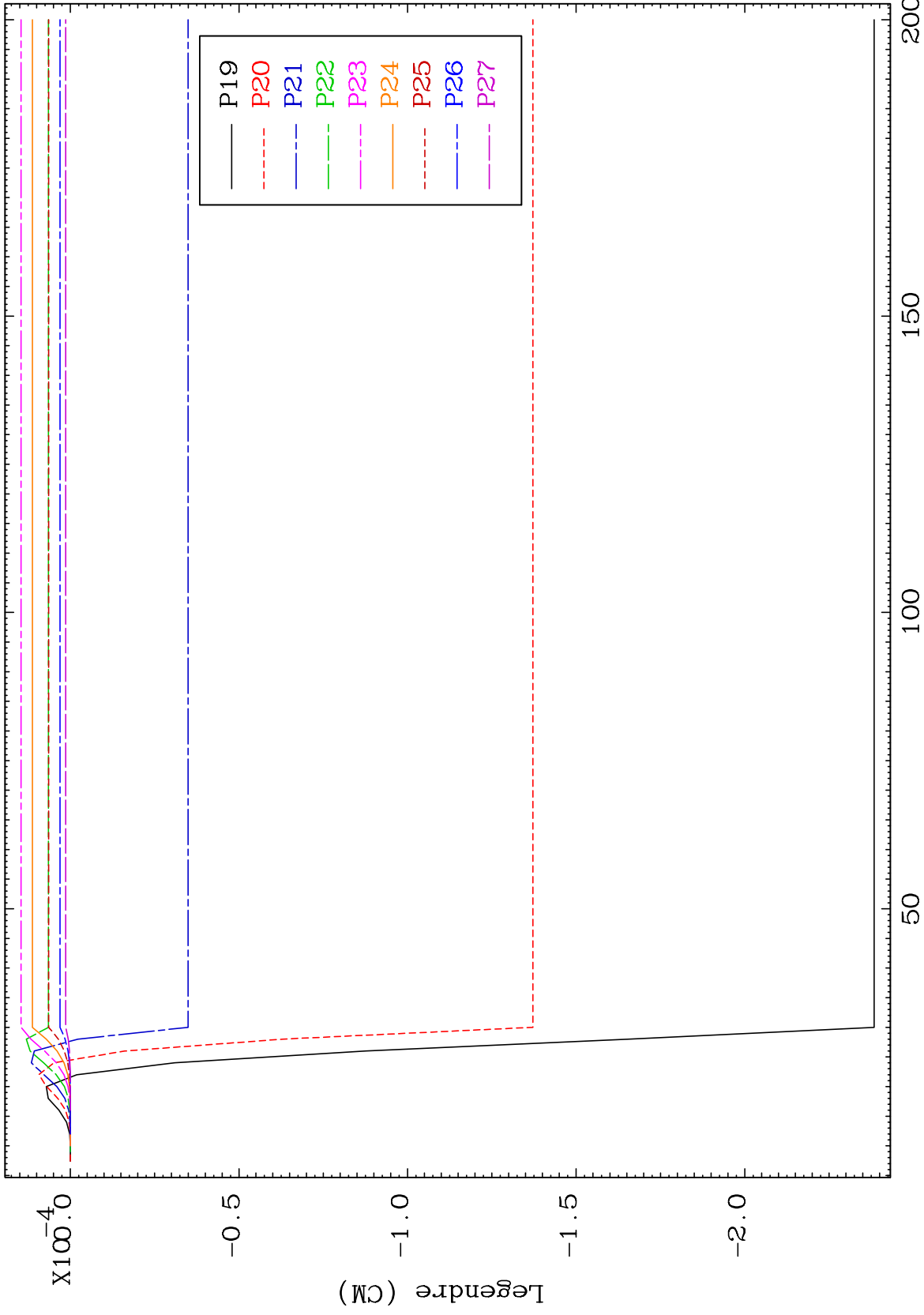
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

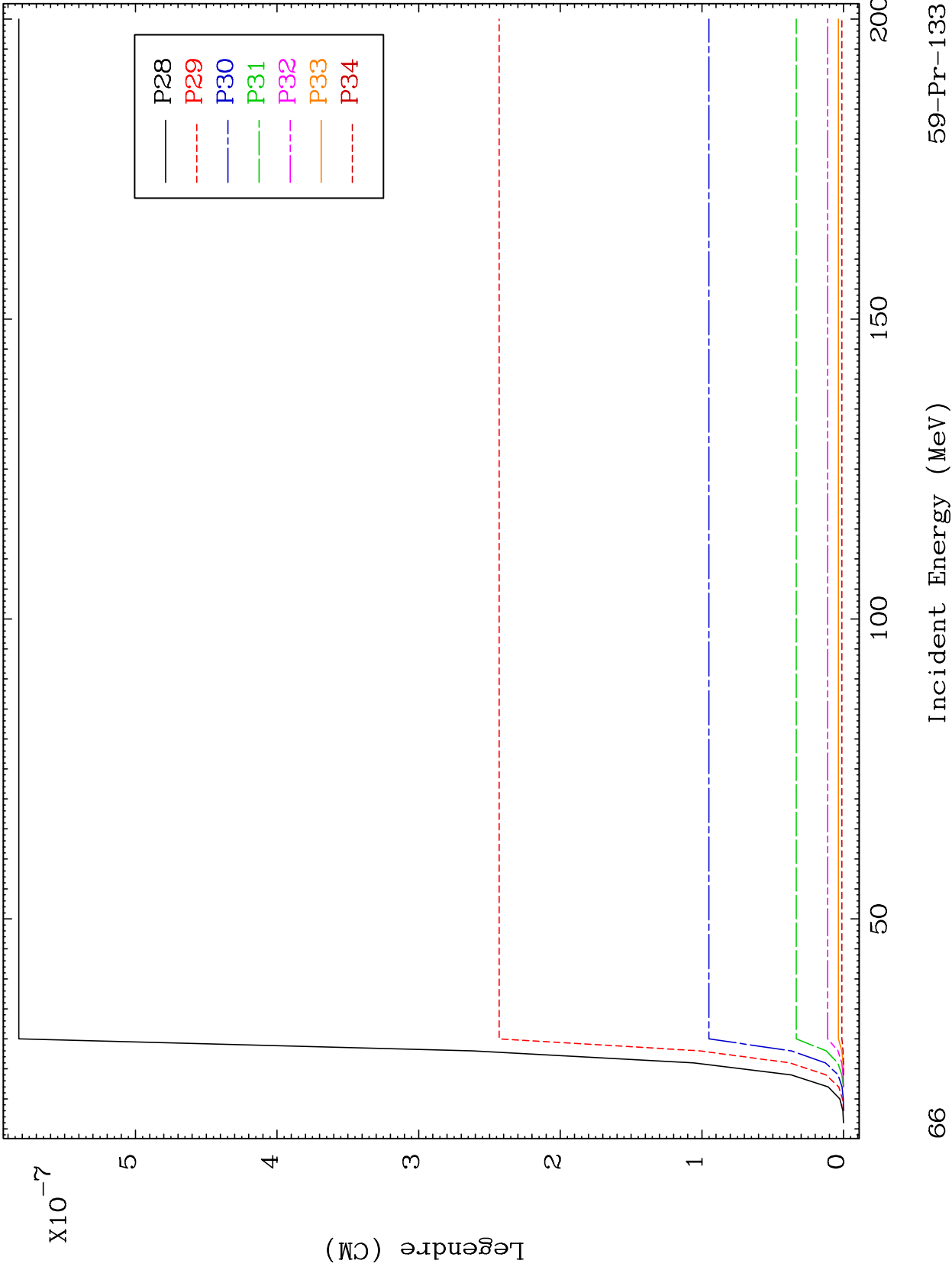
59-Pr-133



65

Incident Energy (MeV)

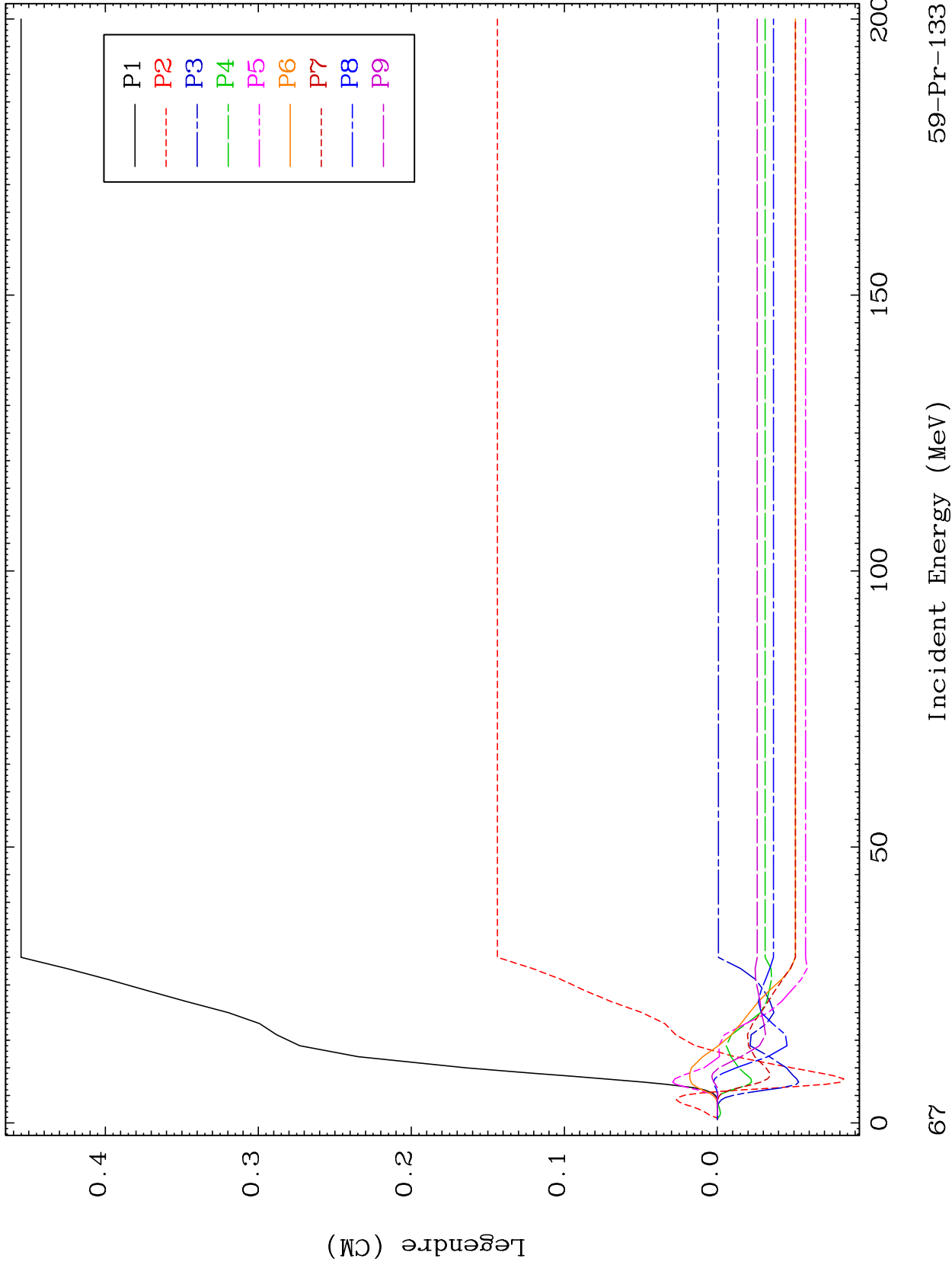
59-Pr-133



MAT 5901

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

59-Pr-133



59-Pr-133

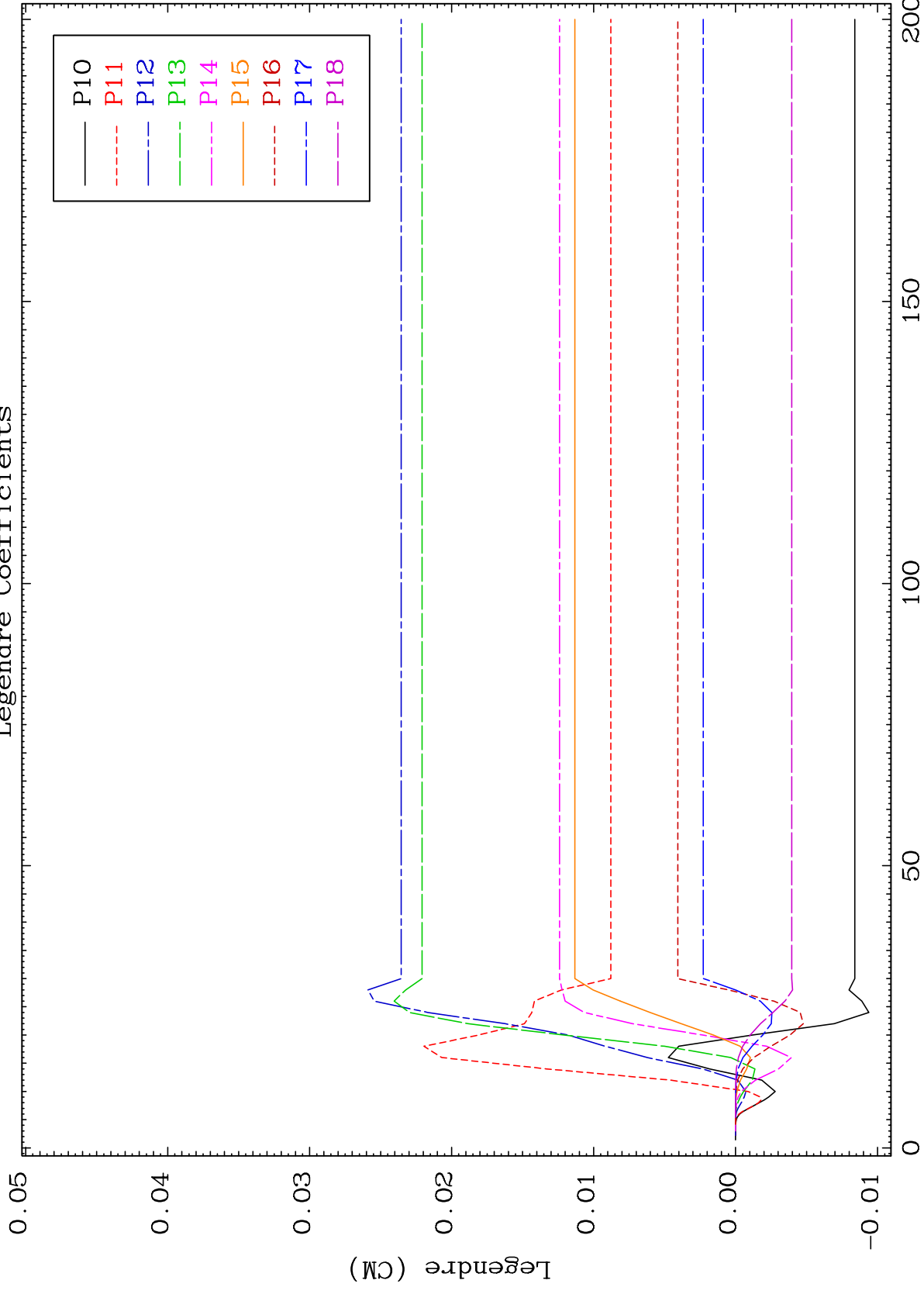
Incident Energy (MeV)

67

MAT 5901

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

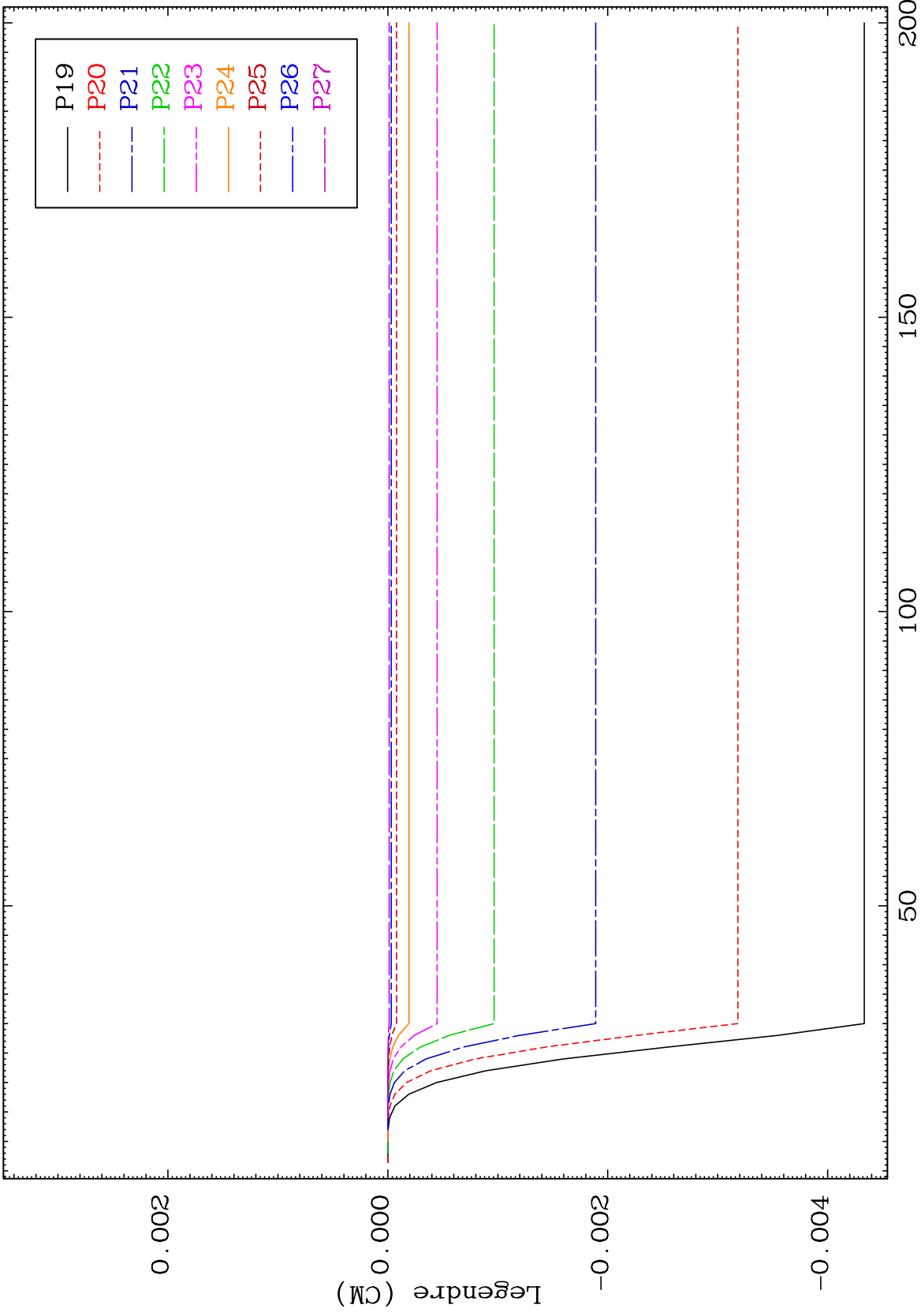
59-Pr-133

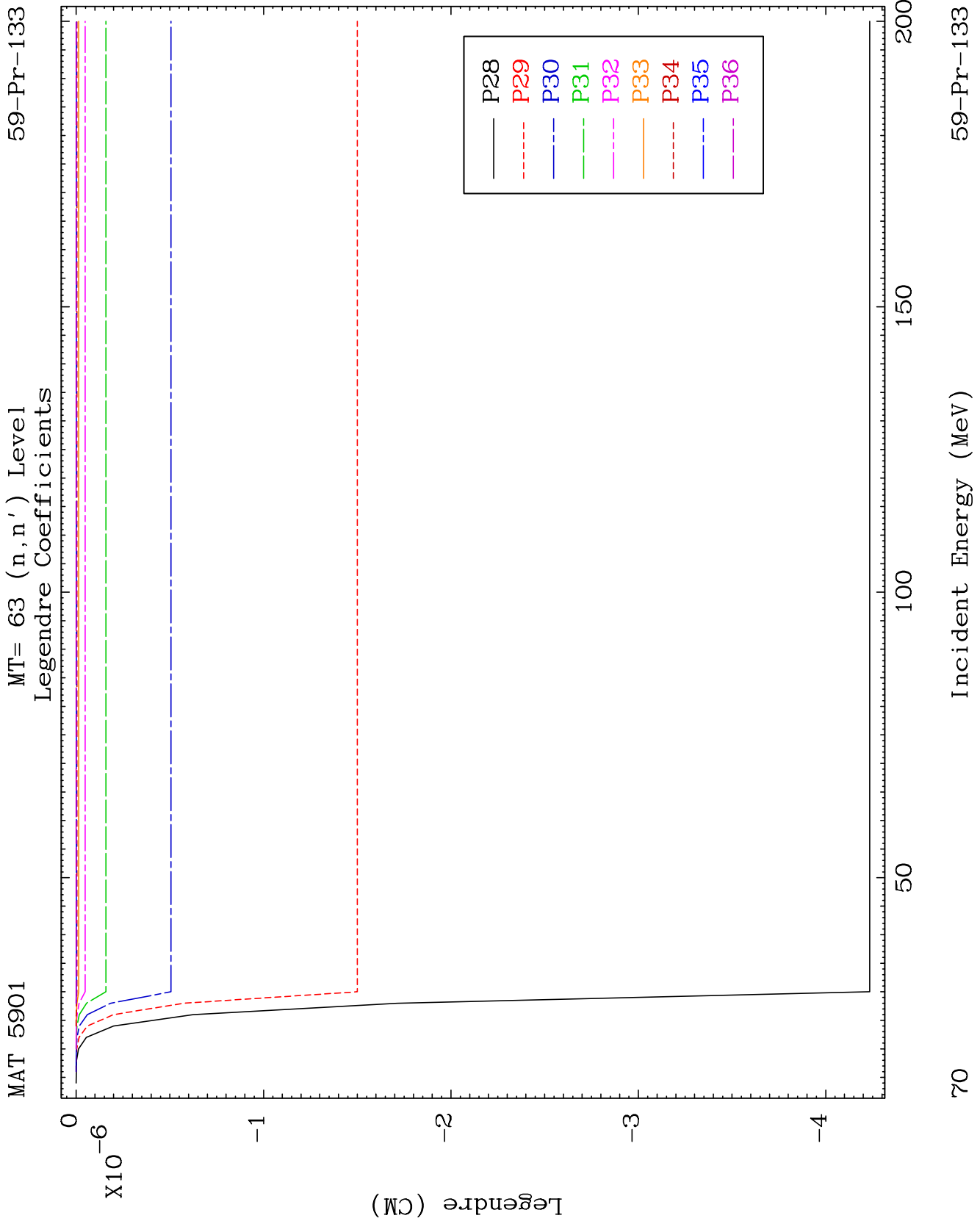


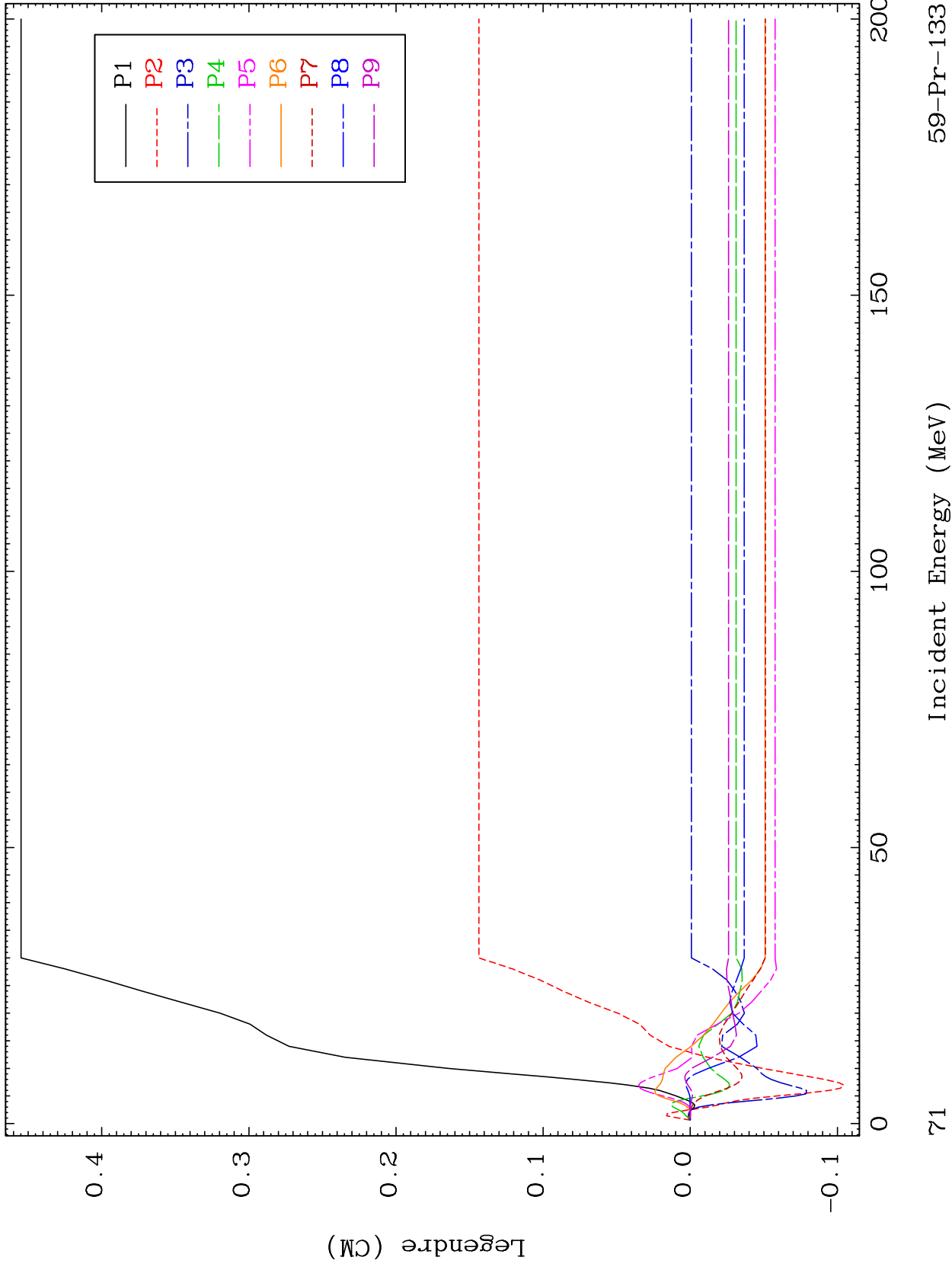
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Incident Energy (MeV)

59-Pr-133



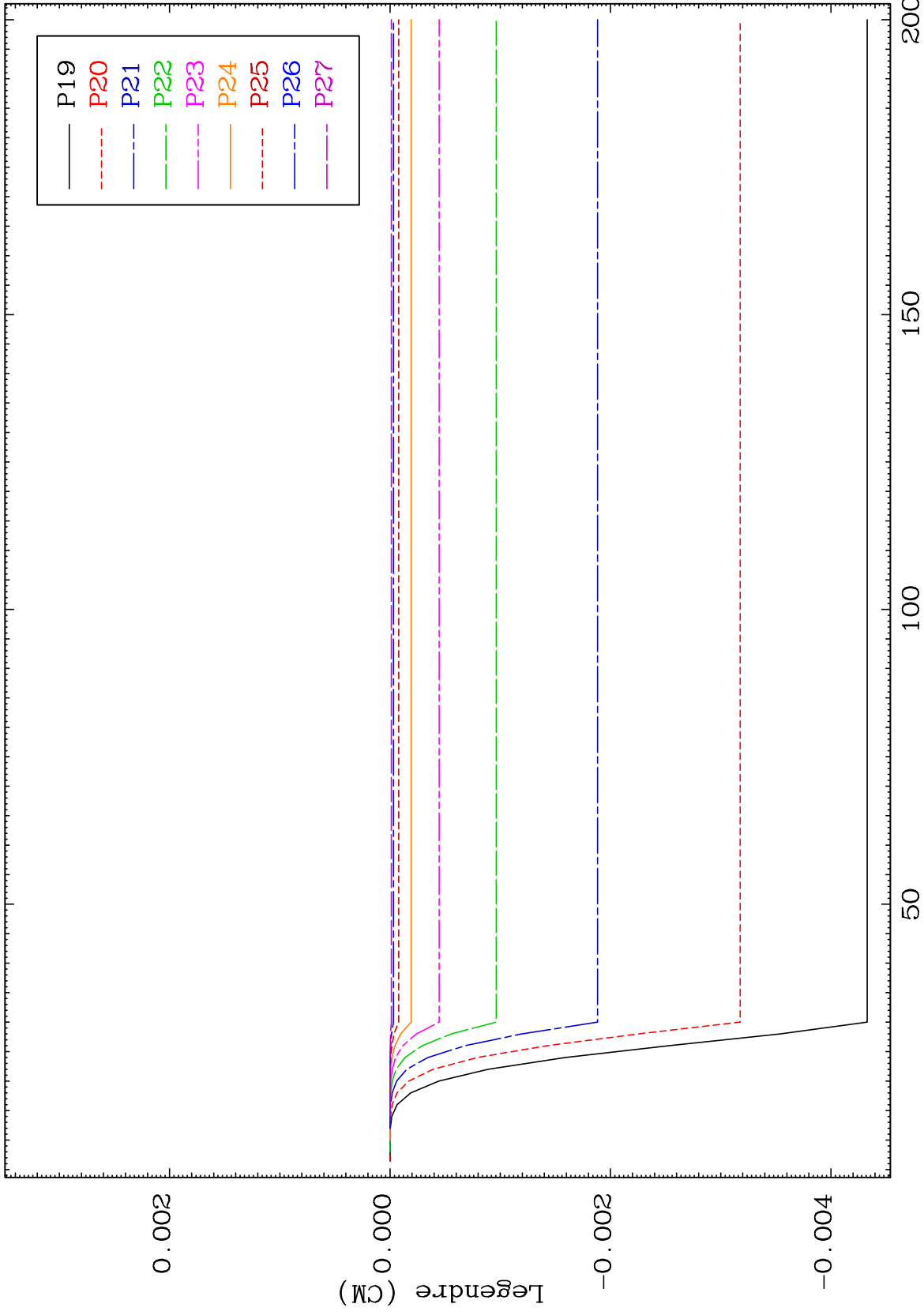




MAT 5901

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

59-Pr-133



73

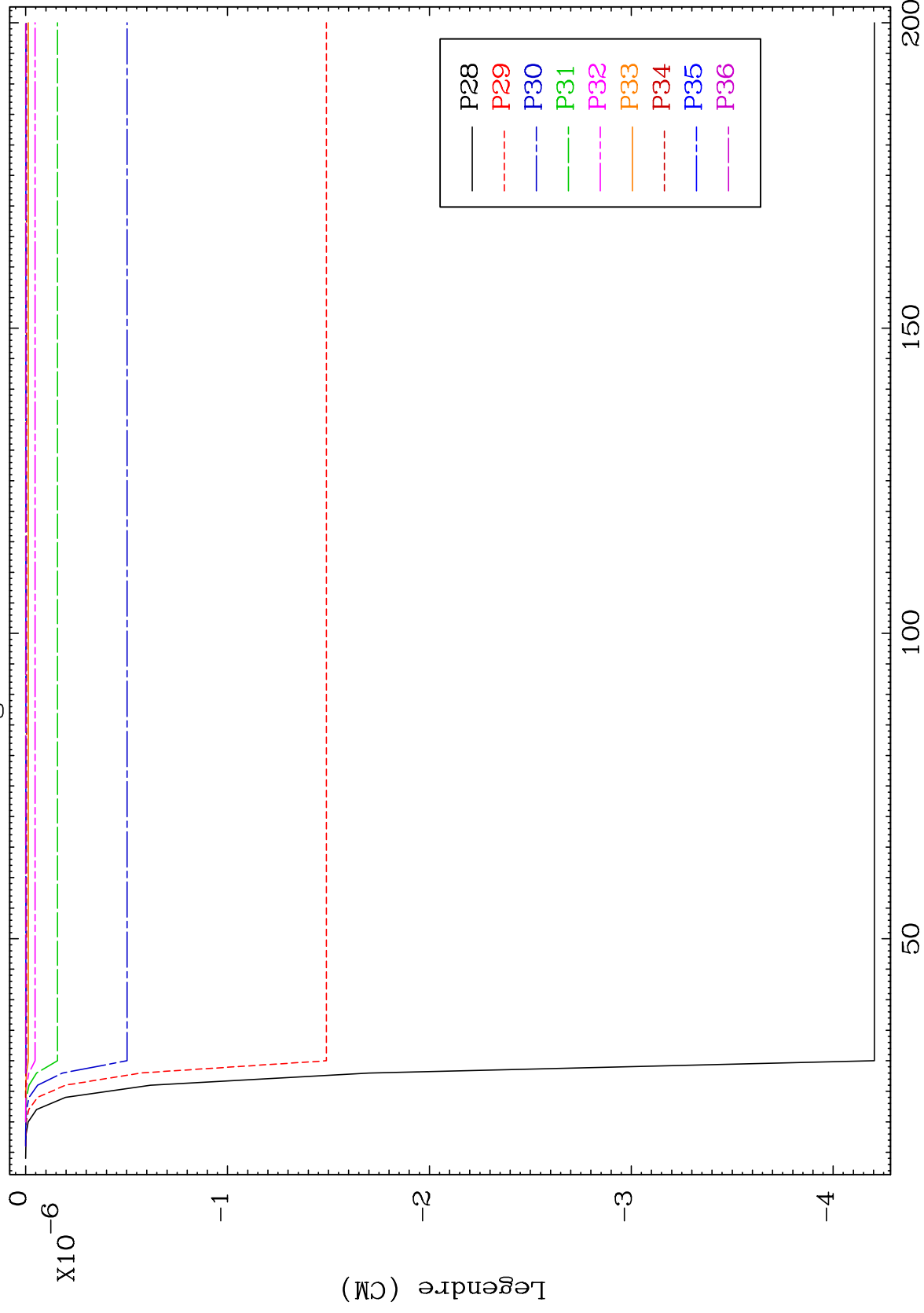
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



74

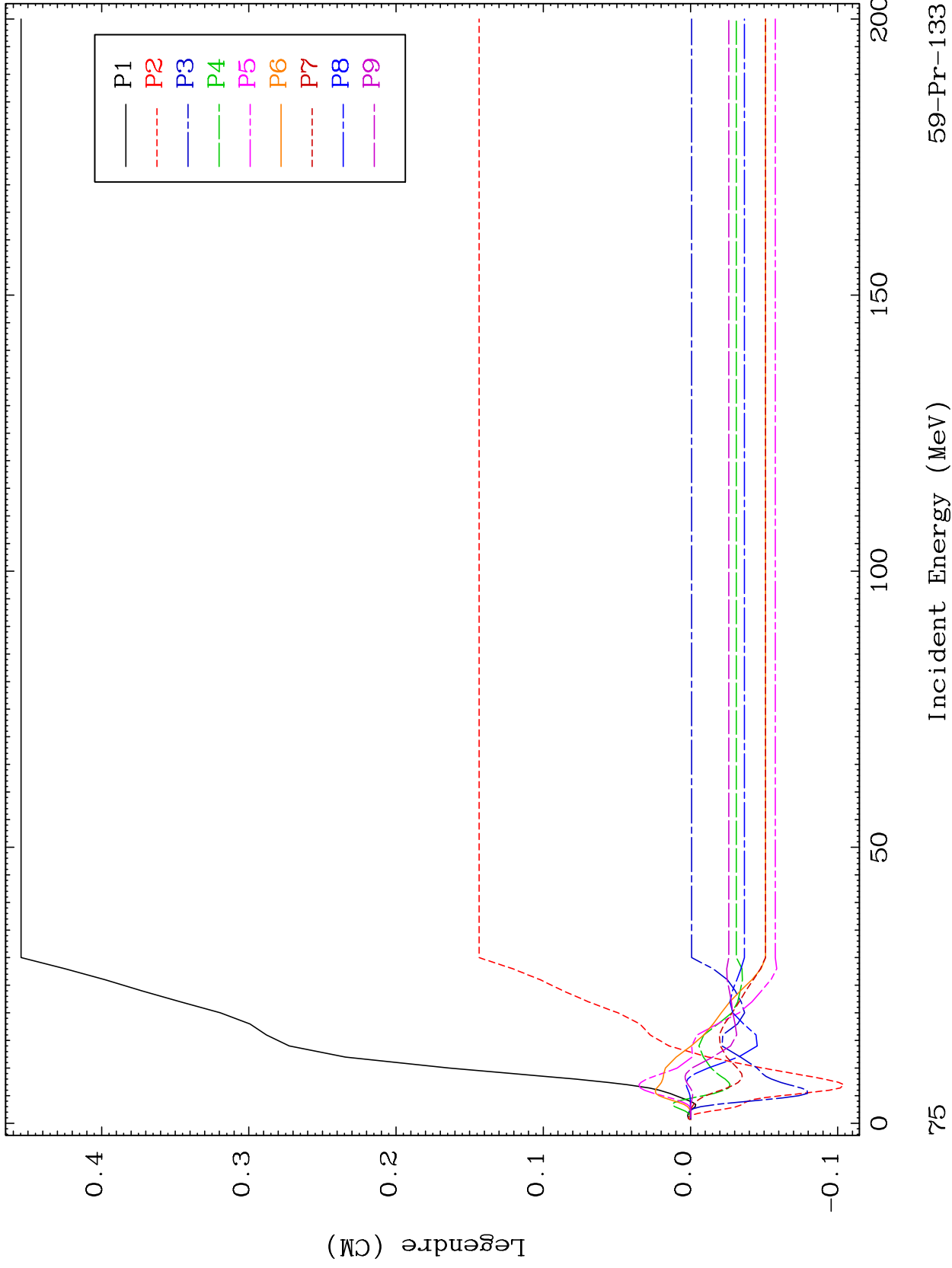
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

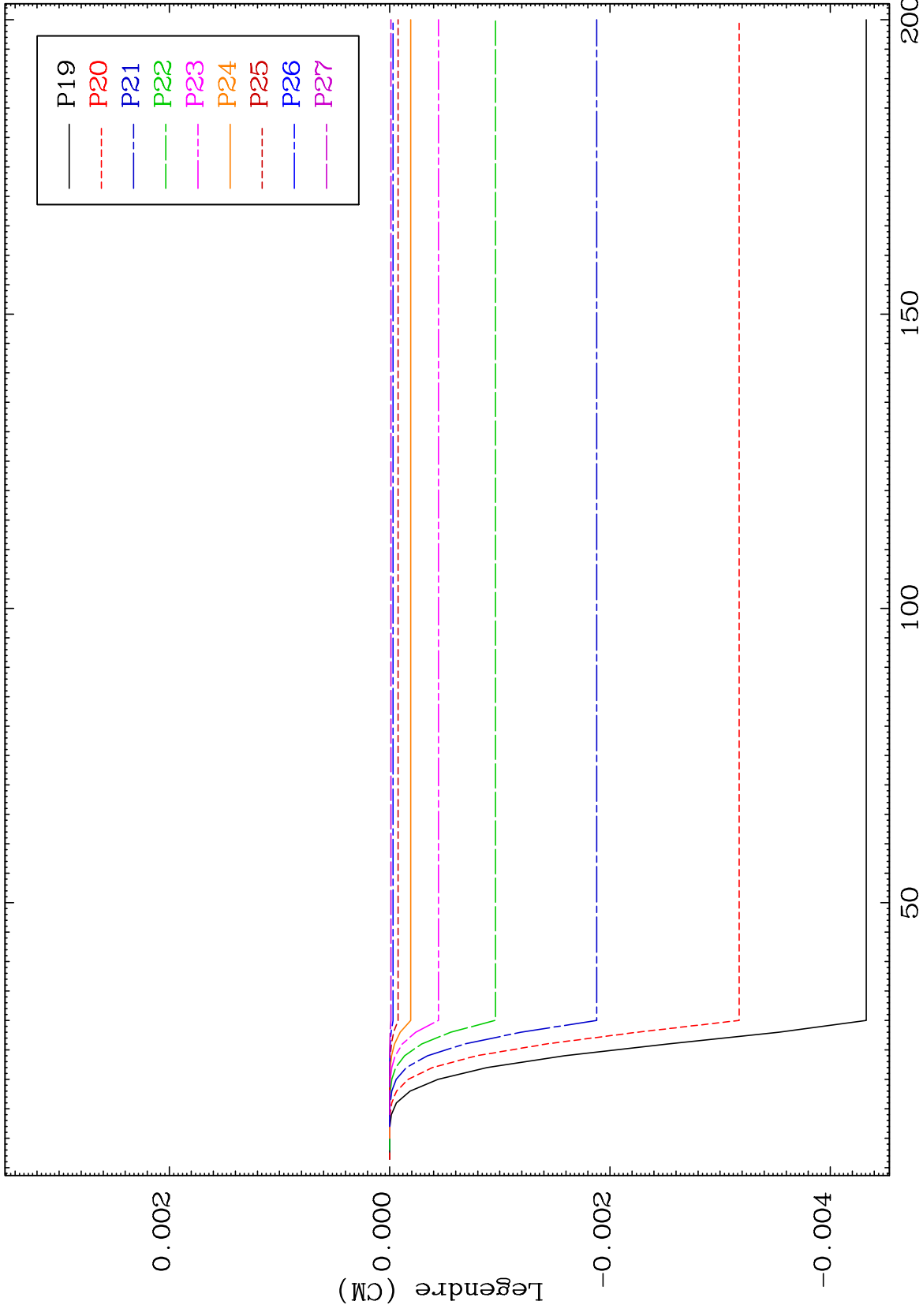
Incident Energy (MeV)

75

MAT 5901

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

59-Pr-133



77

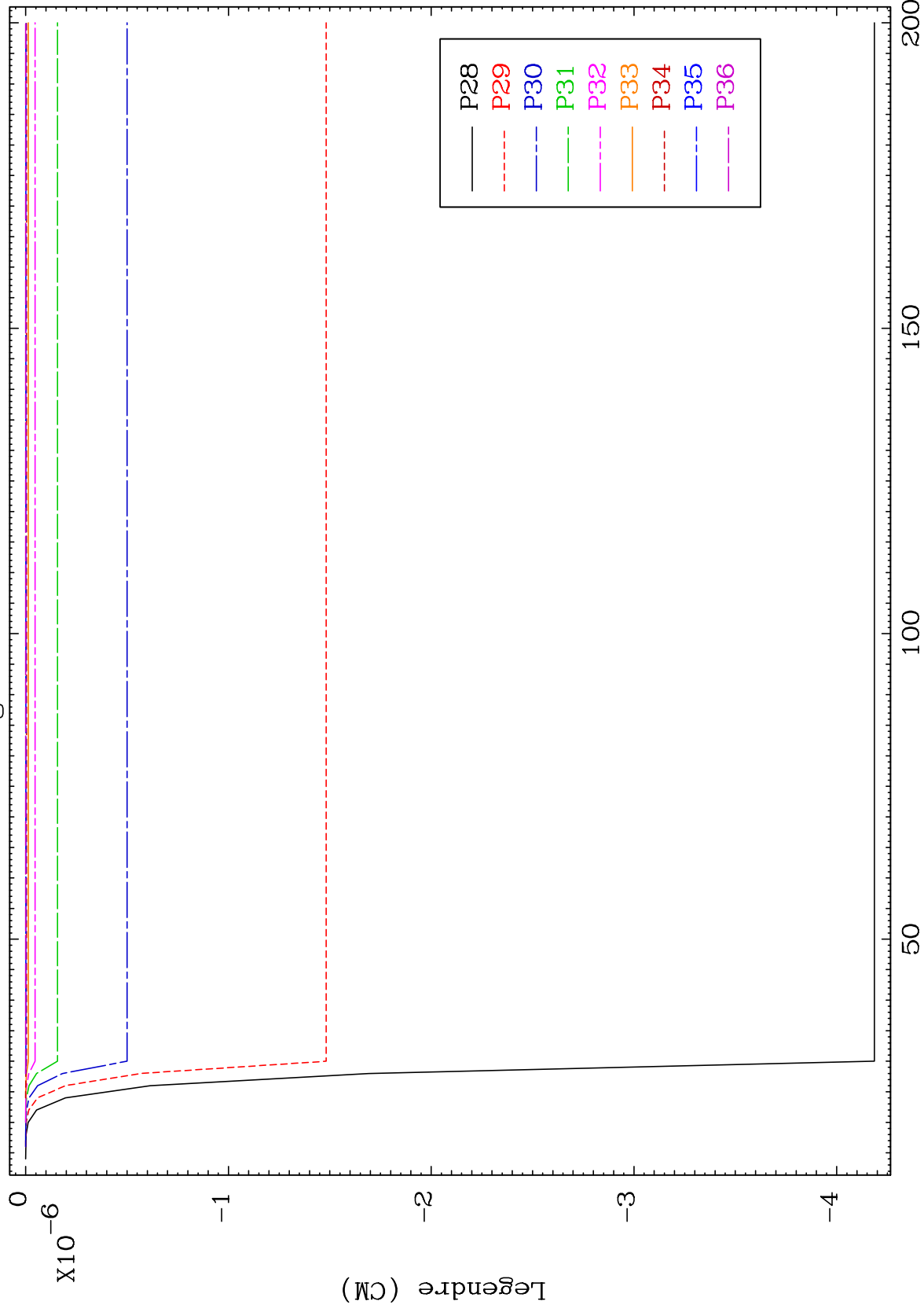
Incident Energy (MeV)

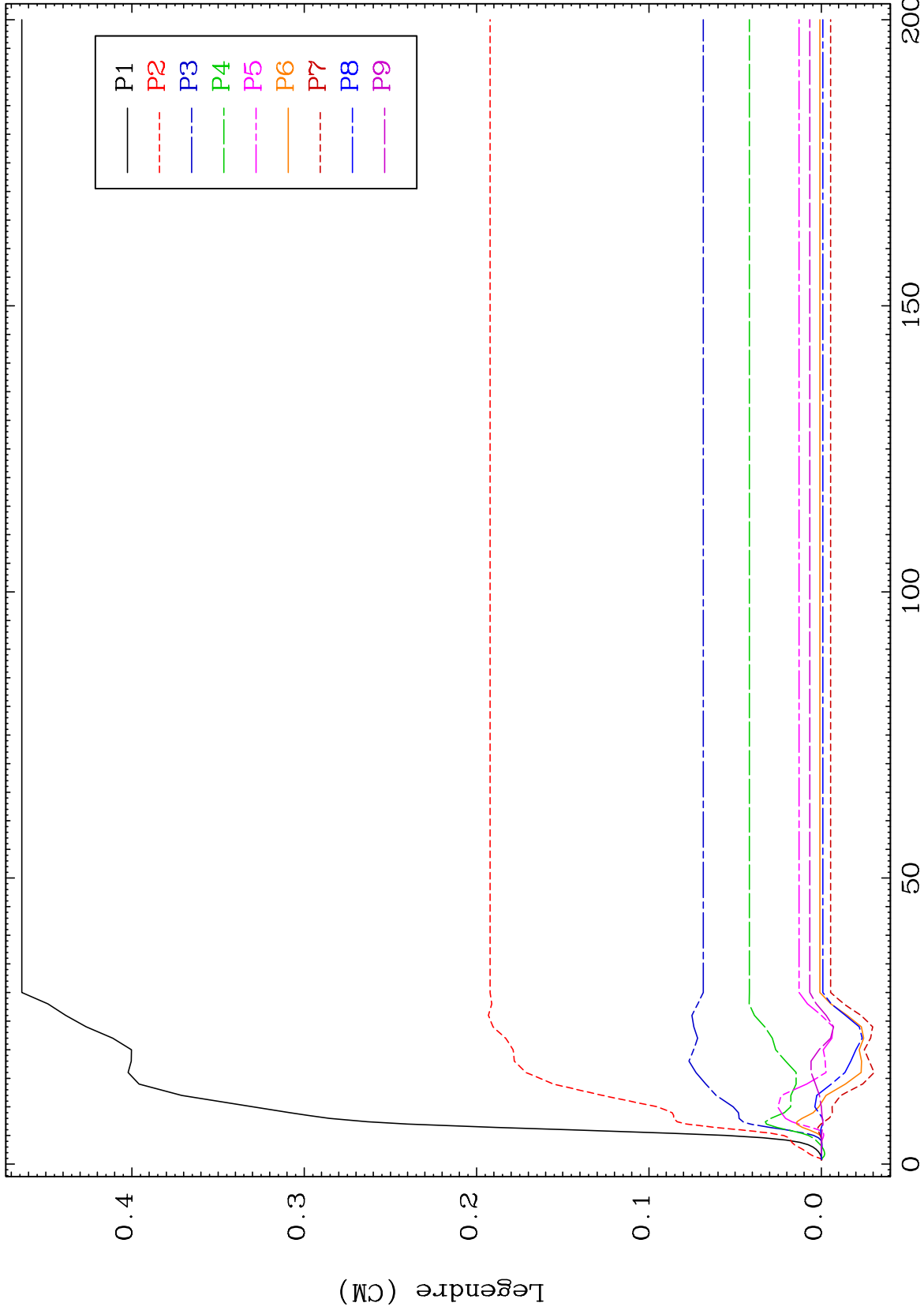
59-Pr-133

MAT 5901

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

59-Pr-133

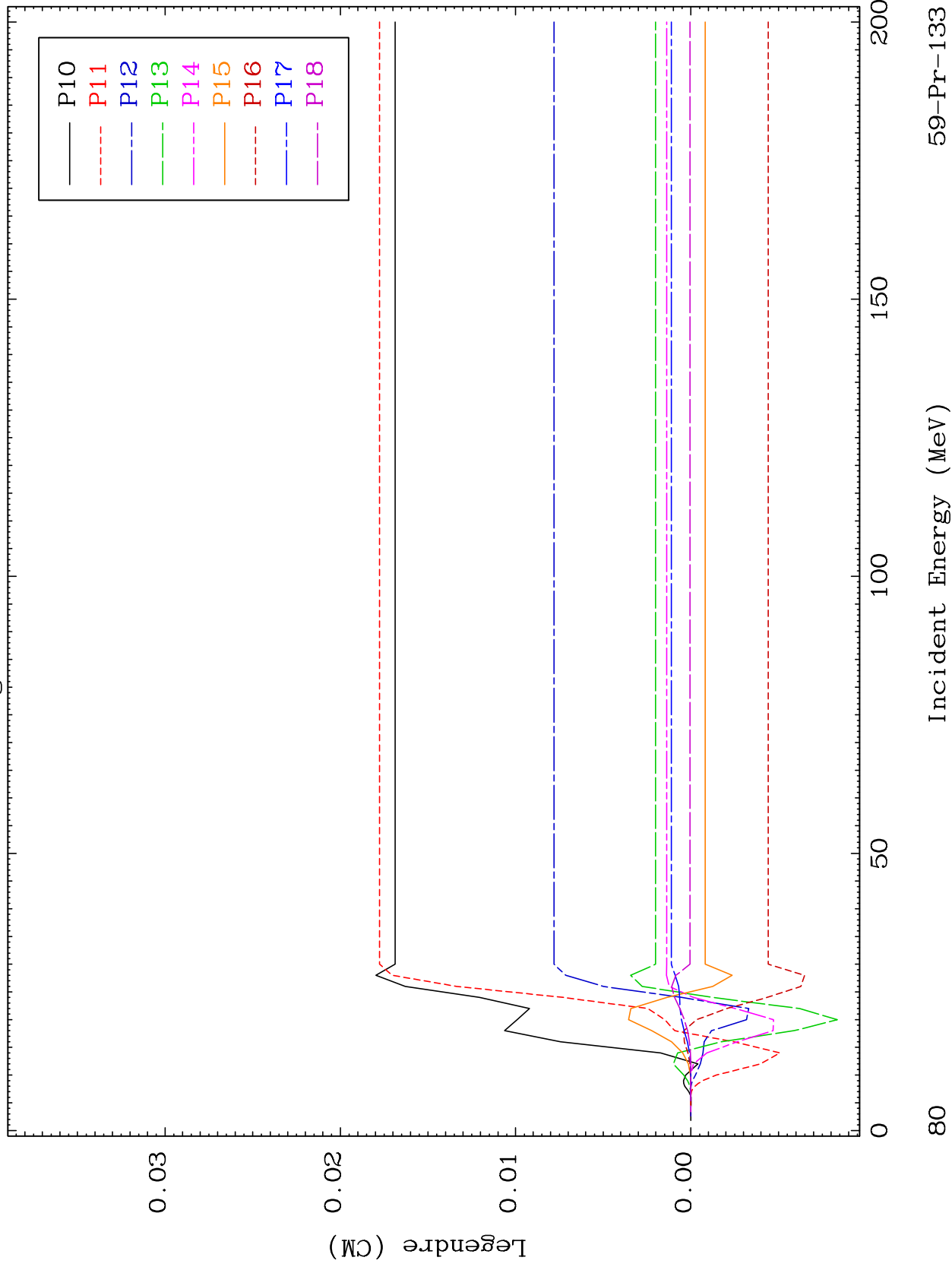




MAT 5901

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

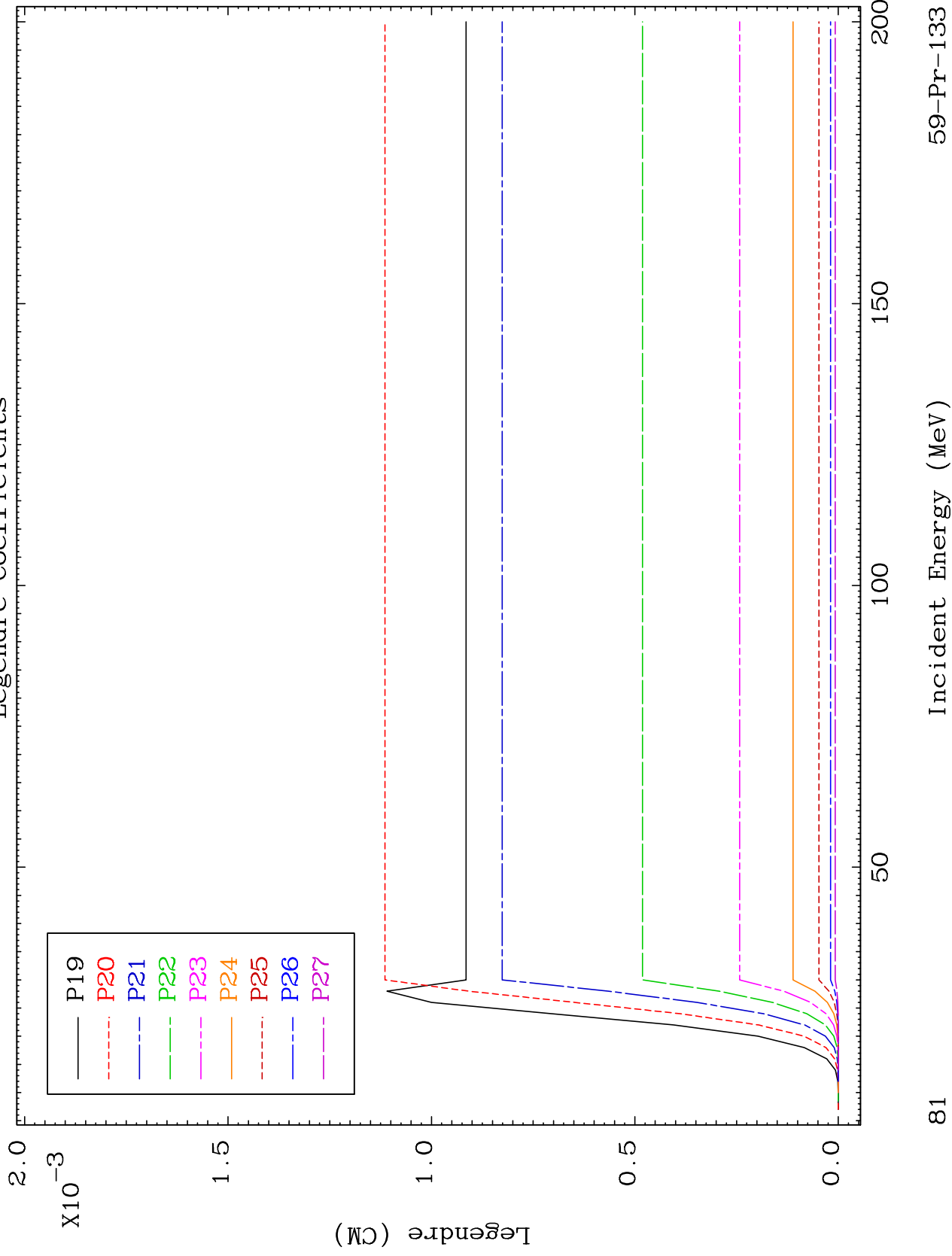
59-Pr-133

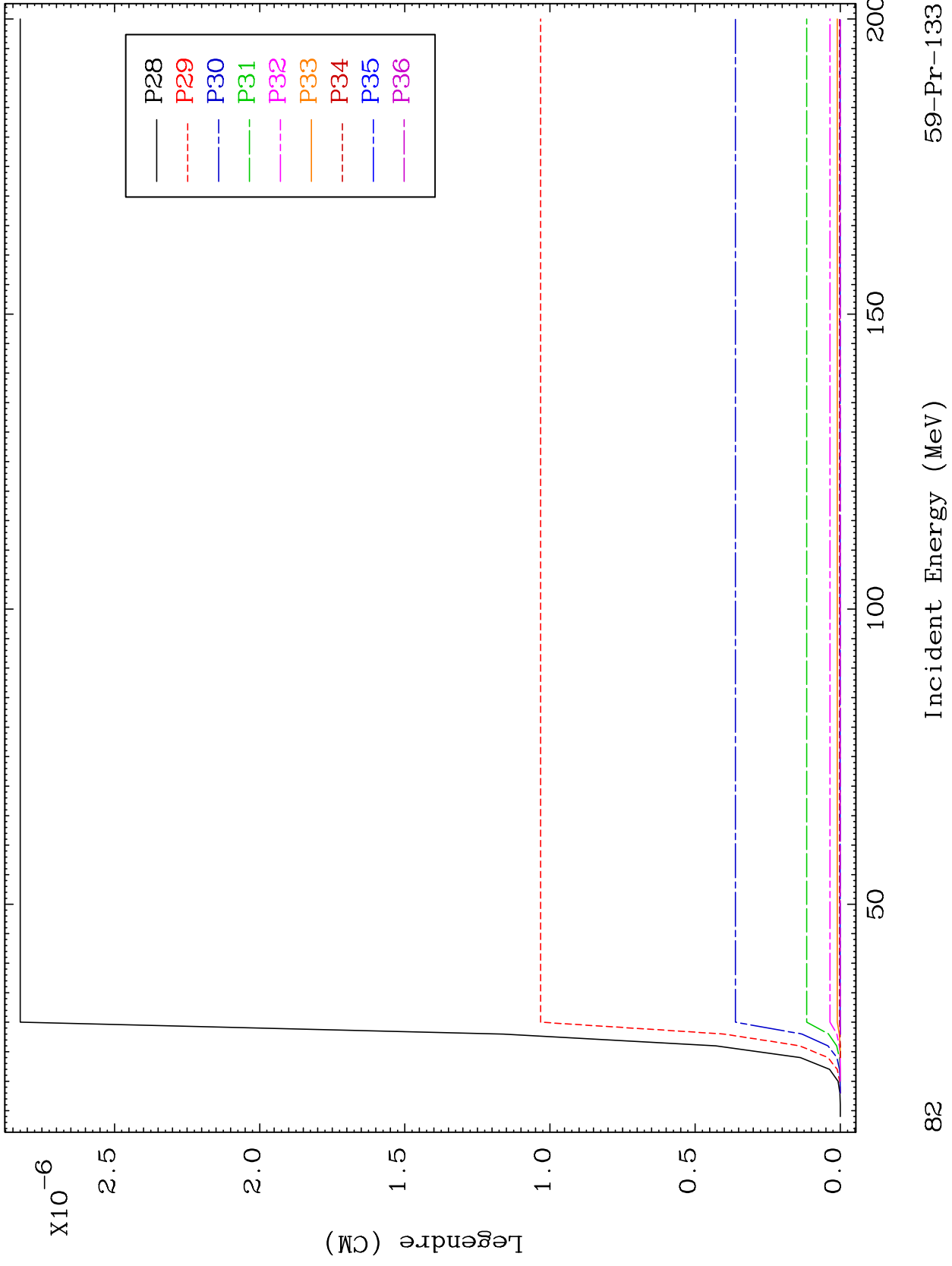


59-Pr-133

Incident Energy (MeV)

80

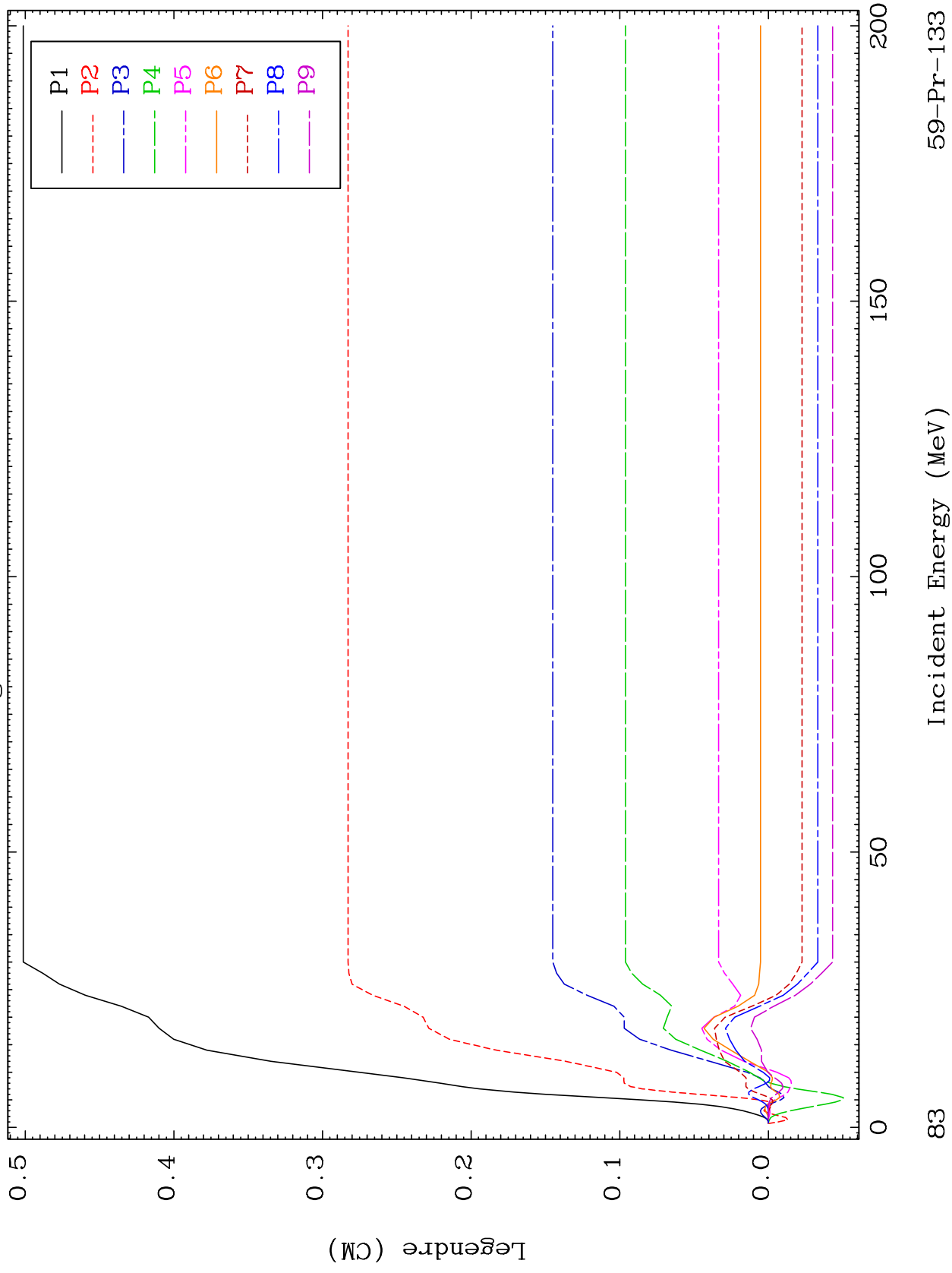




MAT 5901

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

59-Pr-133



59-Pr-133

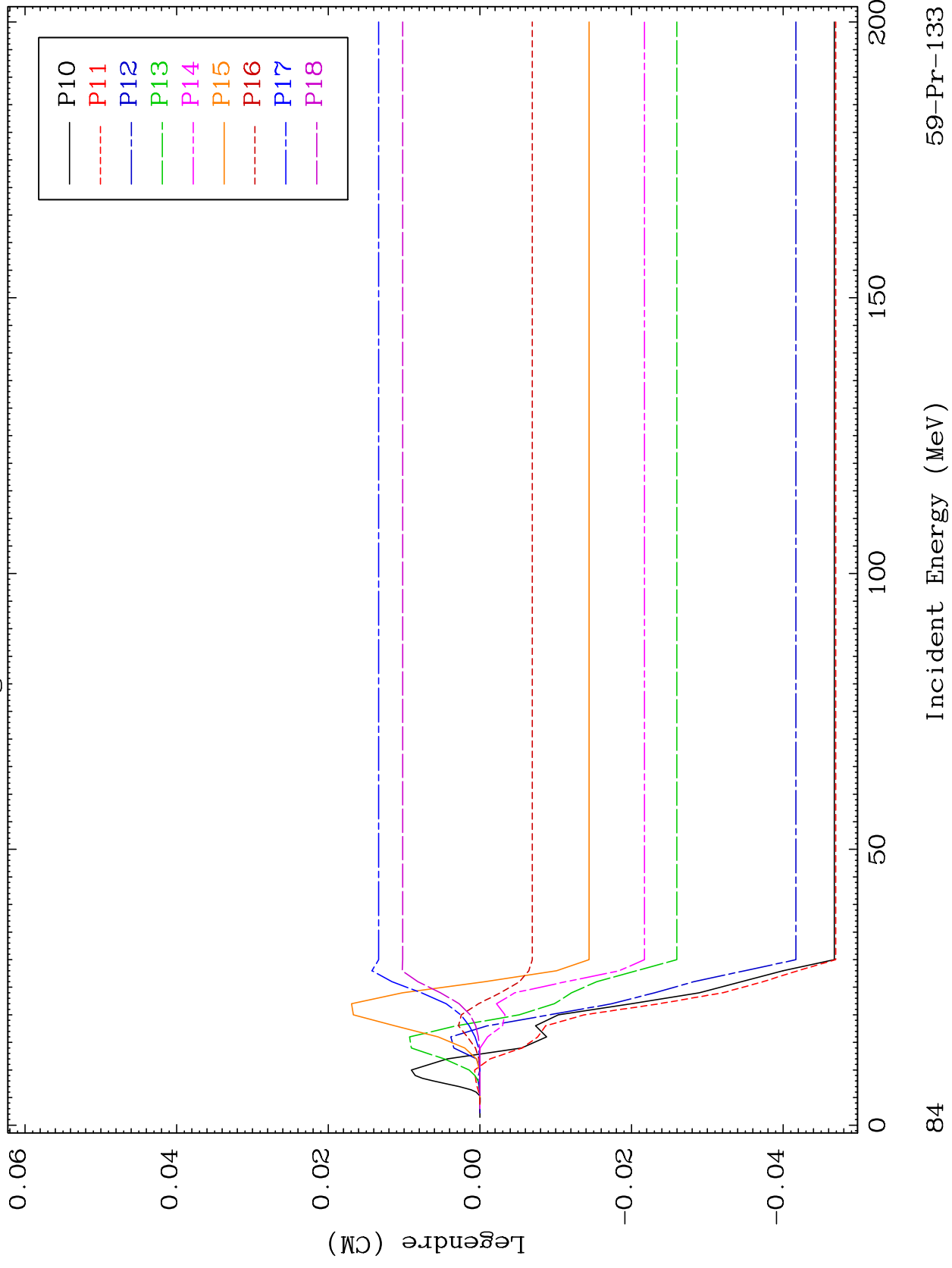
Incident Energy (MeV)

83

MAT 5901

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

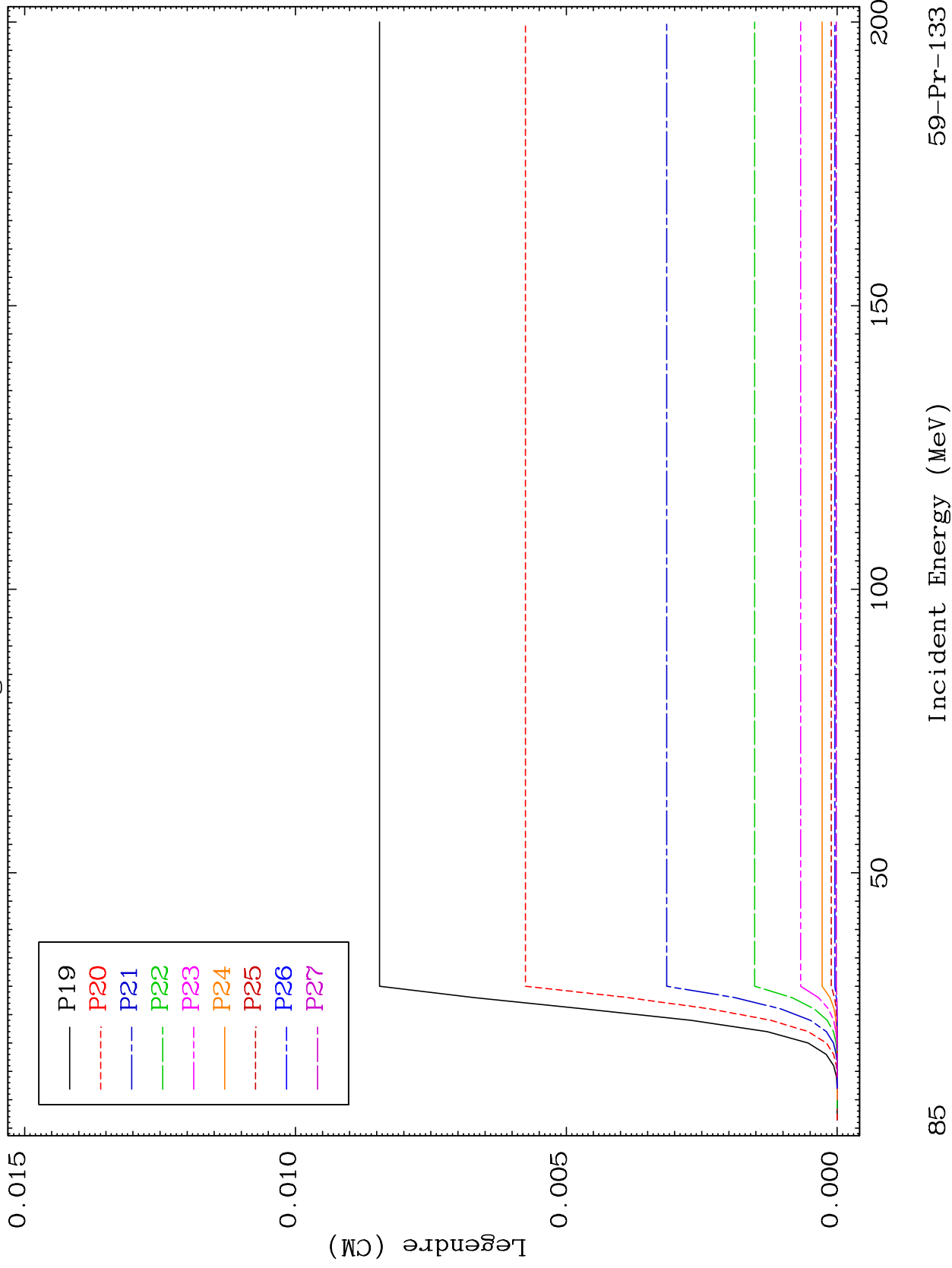
59-Pr-133



59-Pr-133

Incident Energy (MeV)

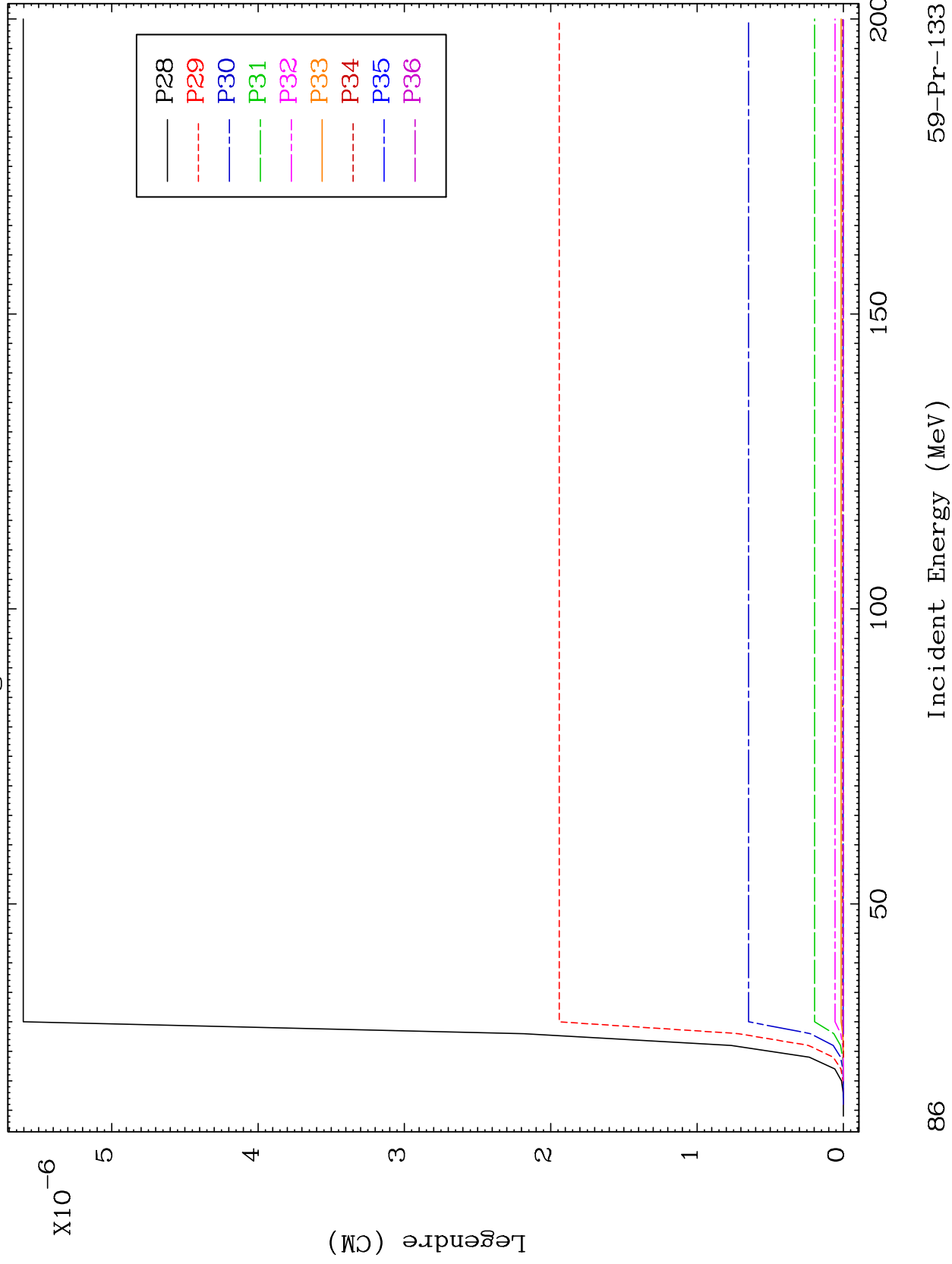
84



MAT 5901

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

59-Pr-133

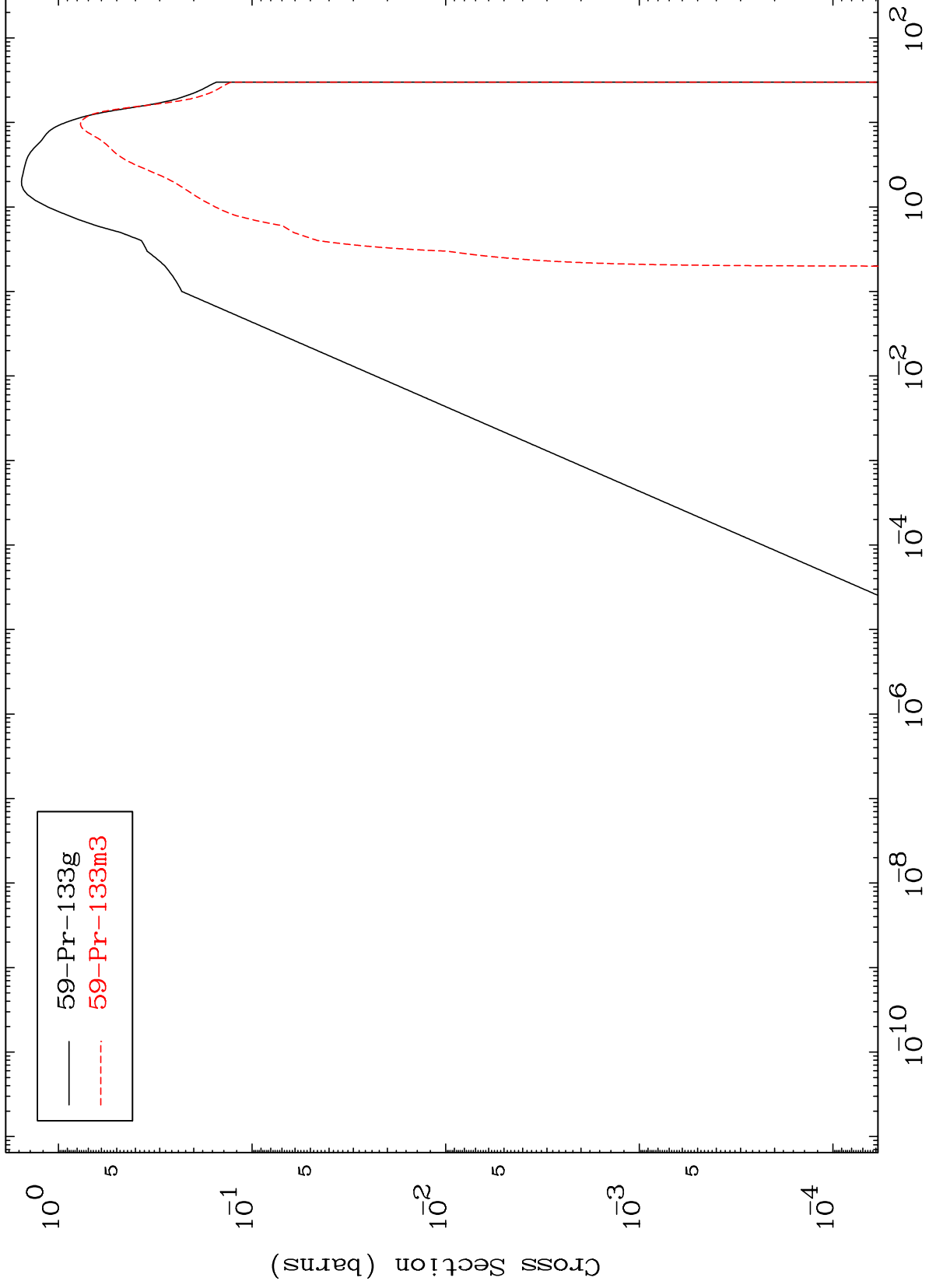


MAT 5901

Inelastic

59-Pr-133

Radionuclide Production Cross Section



87

Incident Energy (MeV)

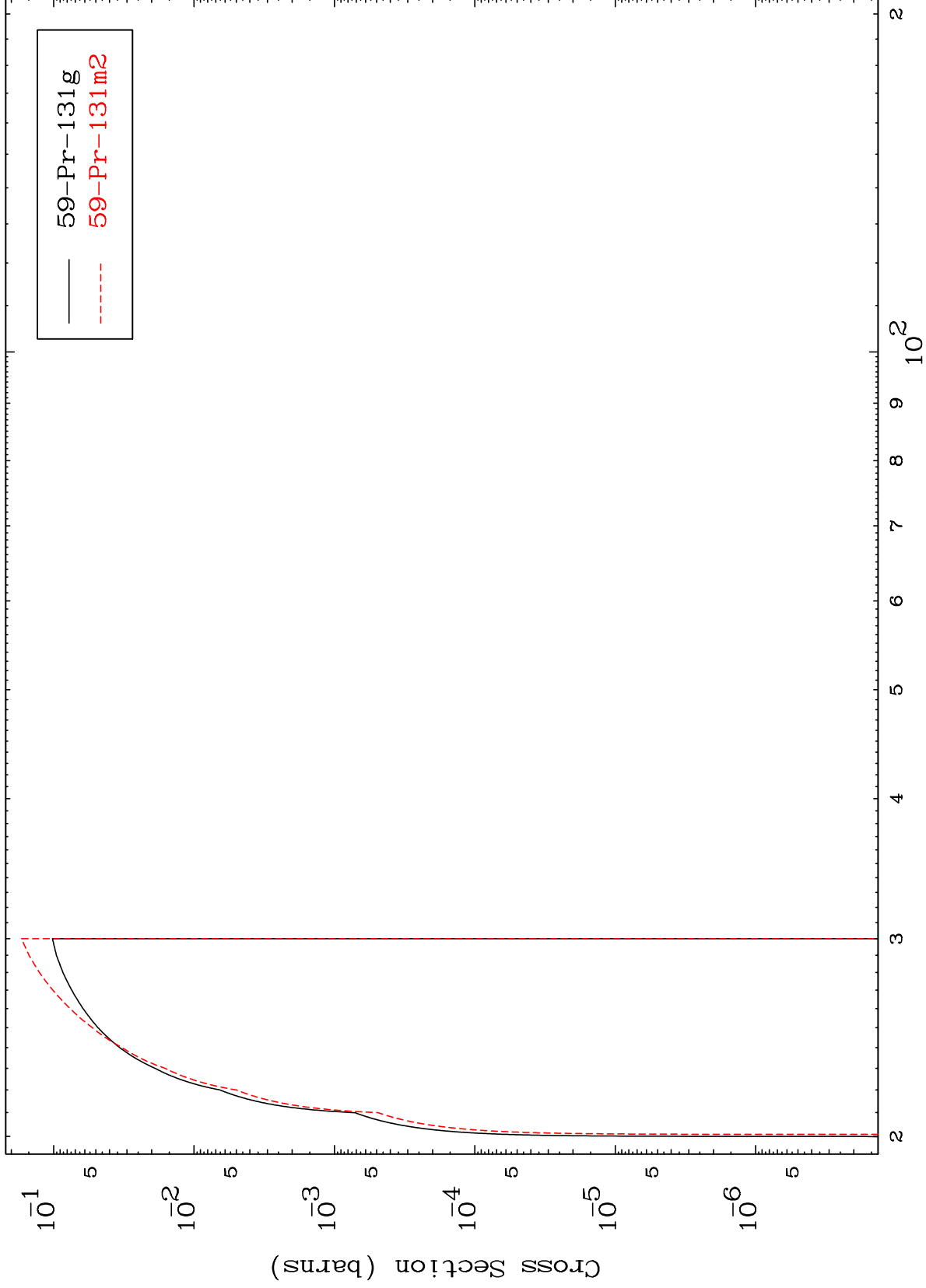
59-Pr-133

MAT 5901

(n,3n)

59-Pr-133

Radionuclide Production Cross Section



88

Incident Energy (MeV)

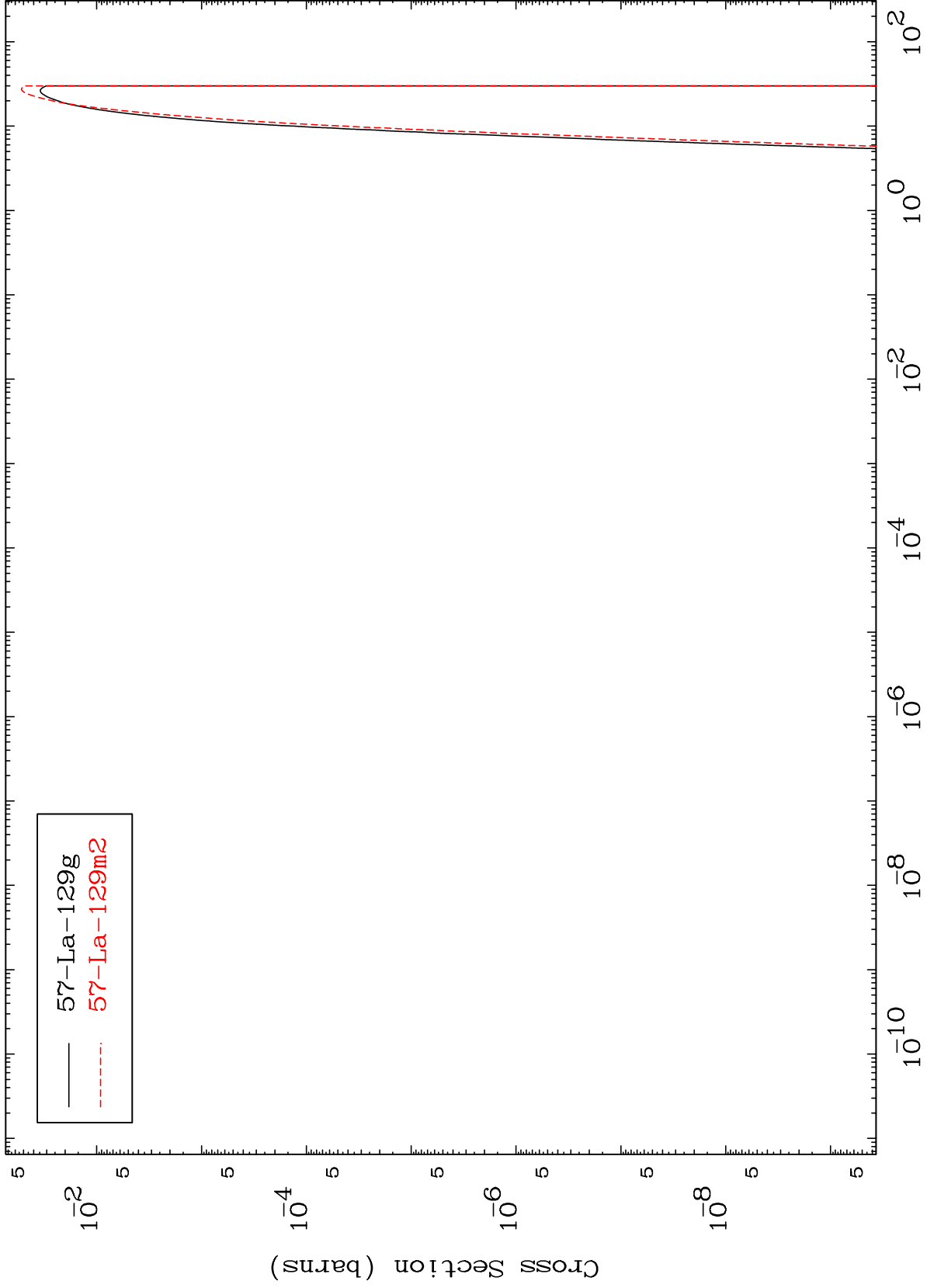
59-Pr-133

MAT 5901

$(n, n') \alpha$

59-Pr-133

Radionuclide Production Cross Section



89

Incident Energy (MeV)

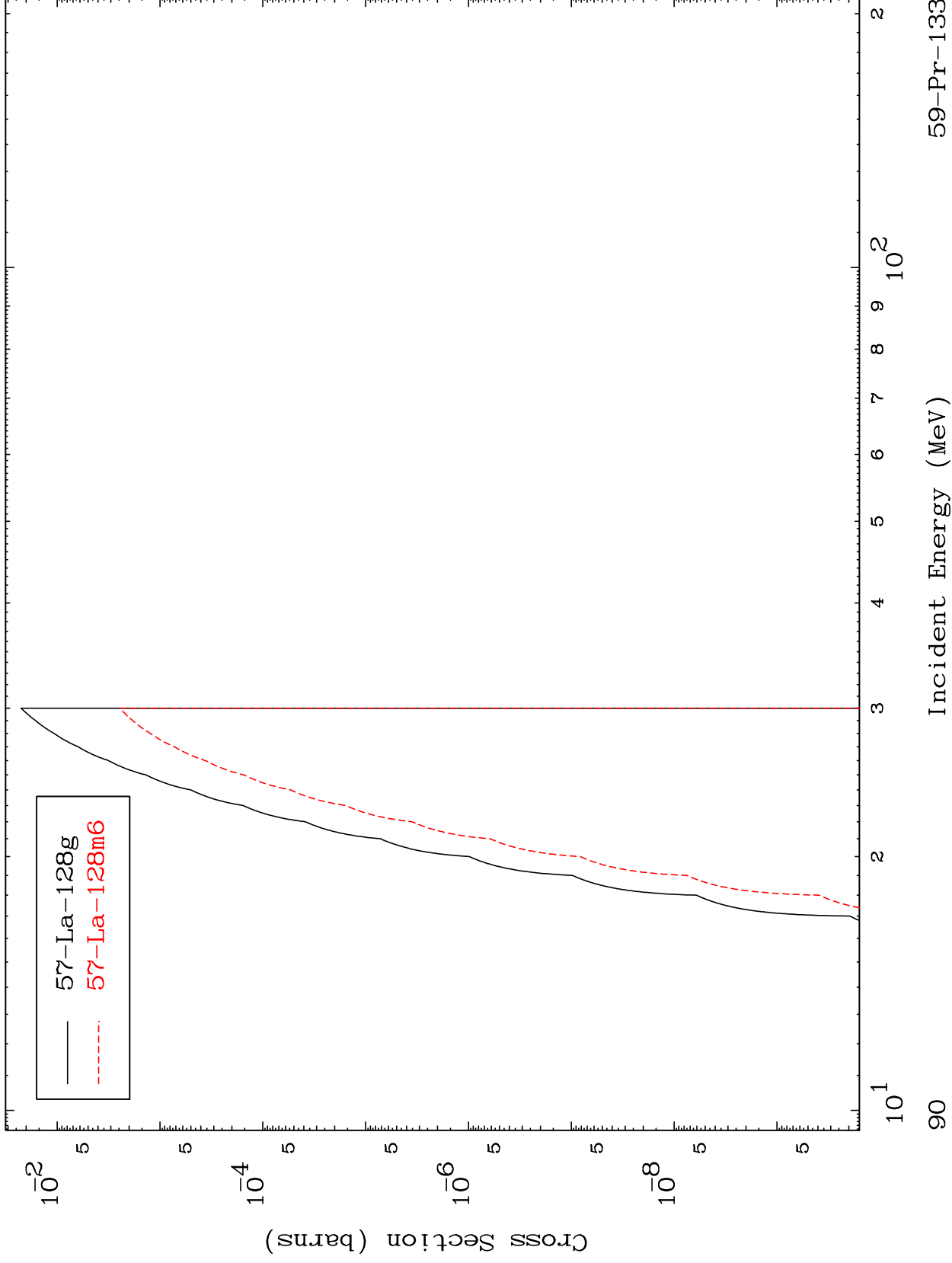
59-Pr-133

MAT 5901

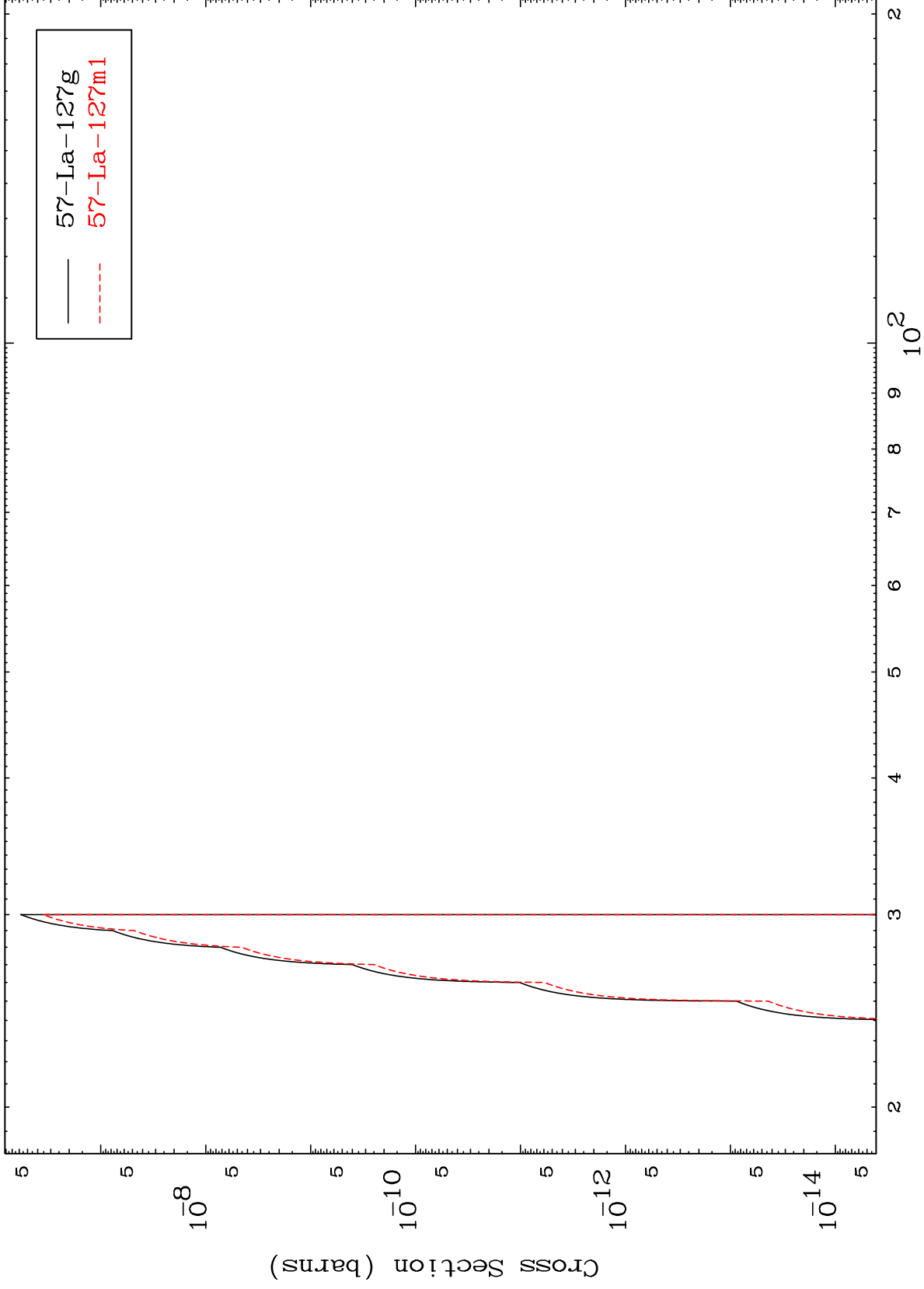
(n,2n) α

59-Pr-133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

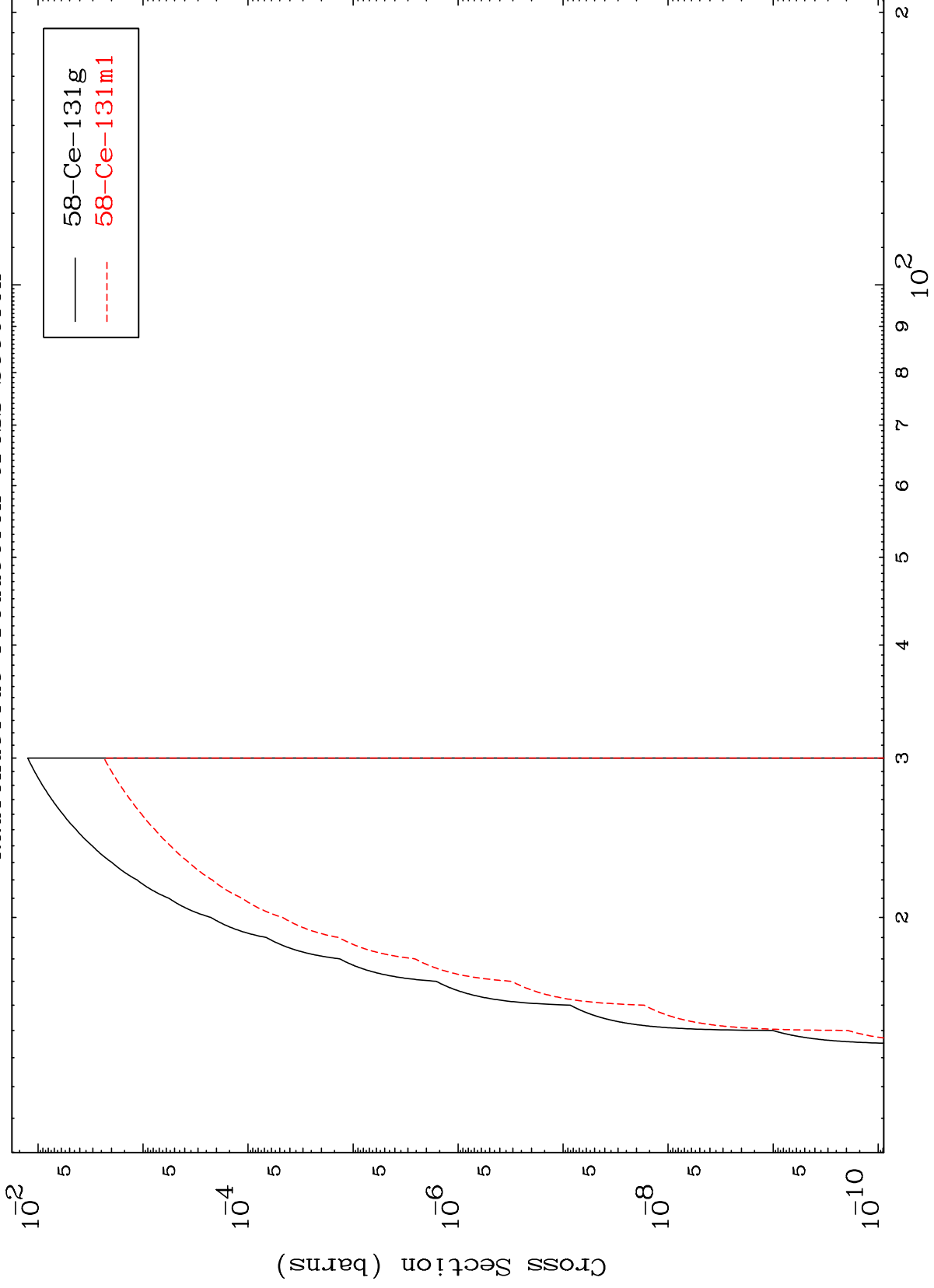


MAT 5901

(n,n') d

59-Pr-133

Radionuclide Production Cross Section

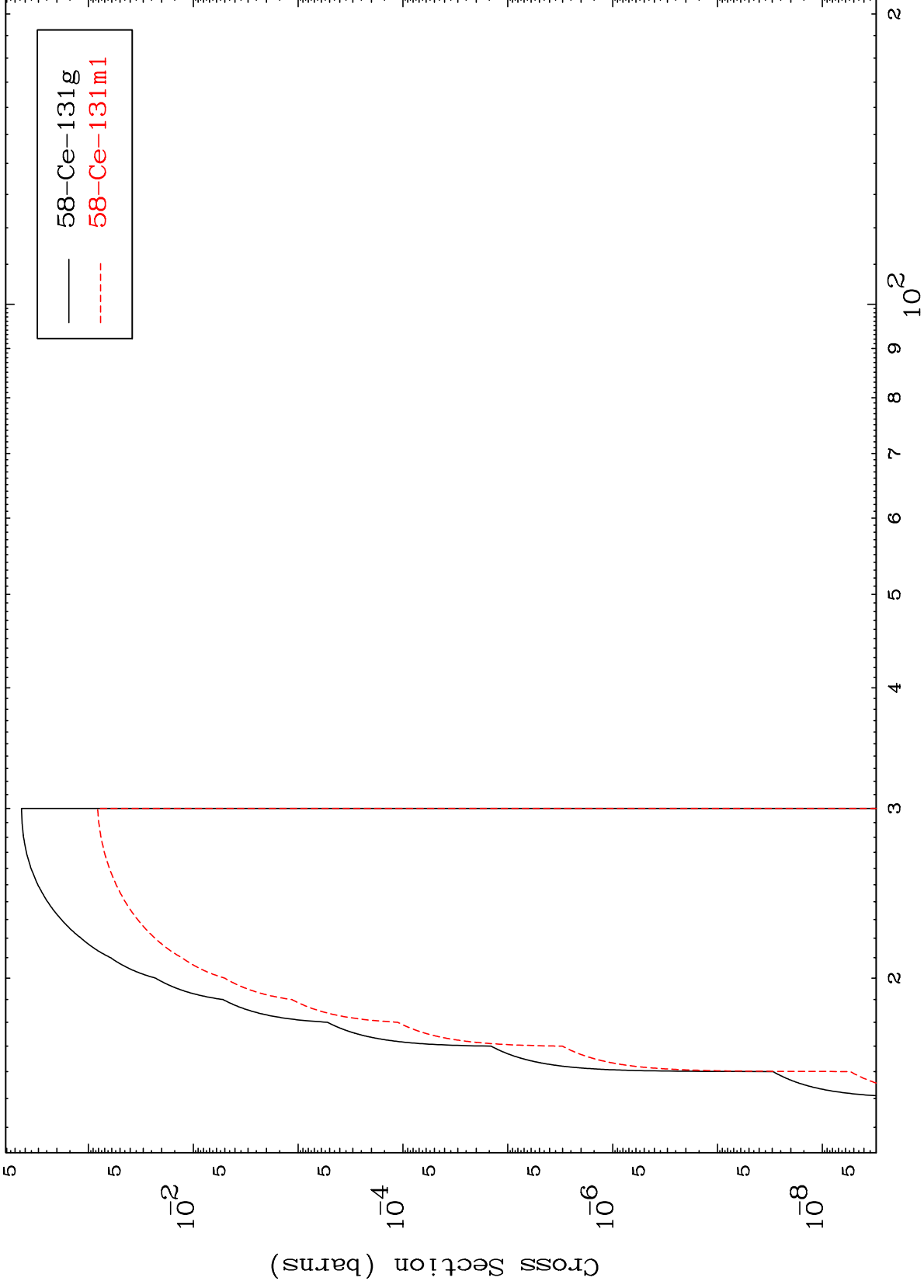


92

Incident Energy (MeV)

59-Pr-133

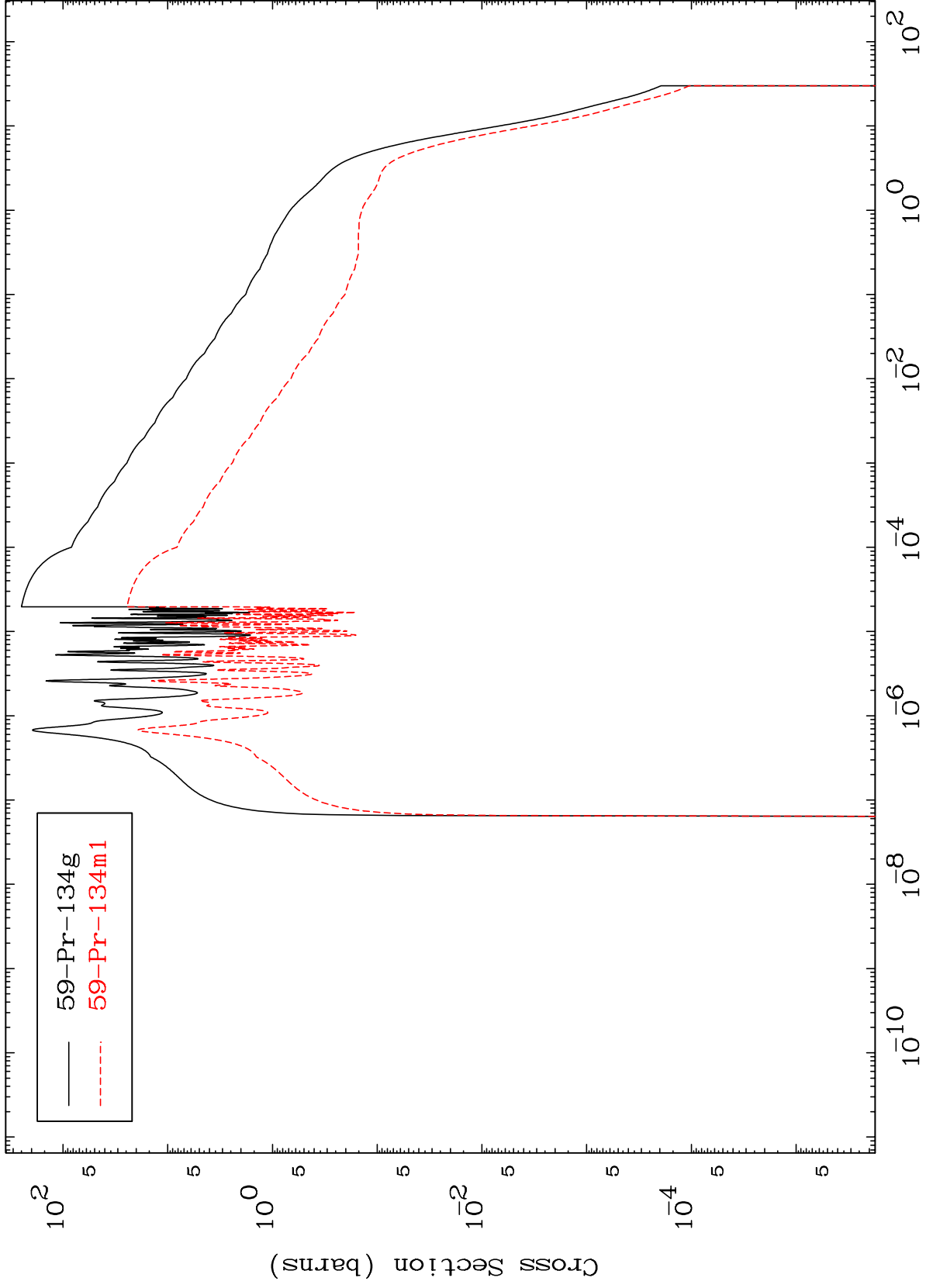
Radionuclide Production Cross Section



MAT 5901

59-Pr-133

Radionuclide Production Cross Section
(n, γ)

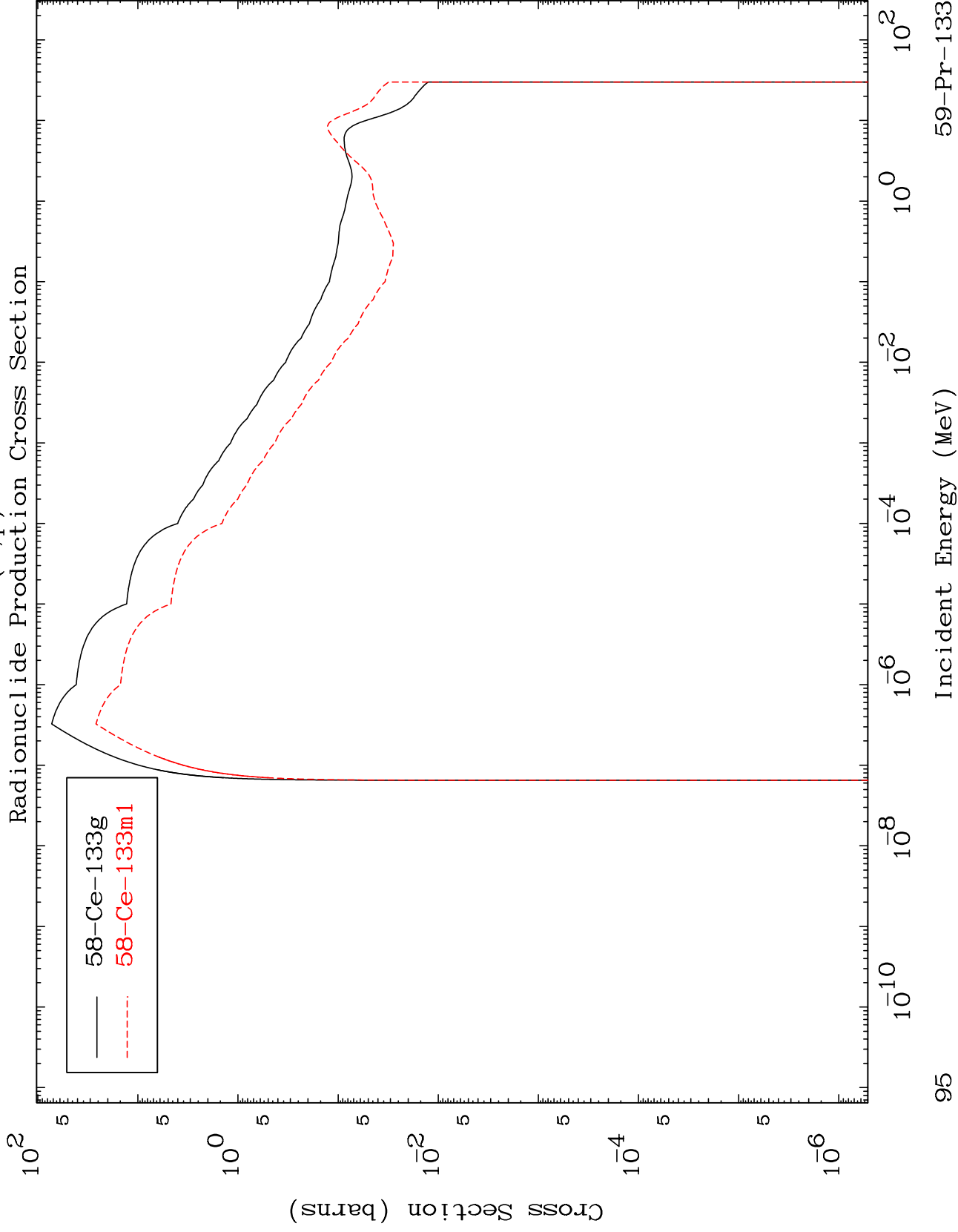


94

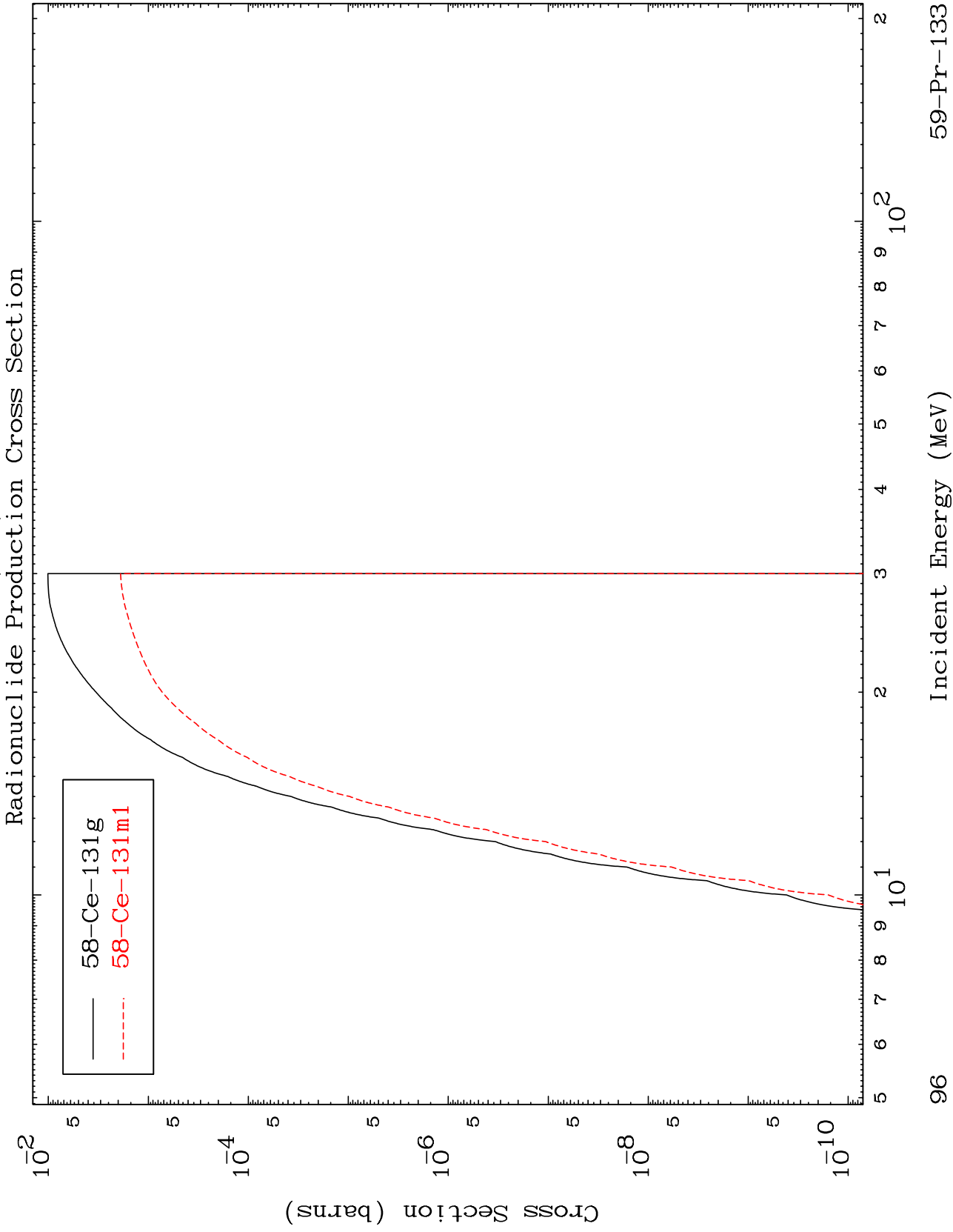
59-Pr-133

MAT 5901

59-Pr-133



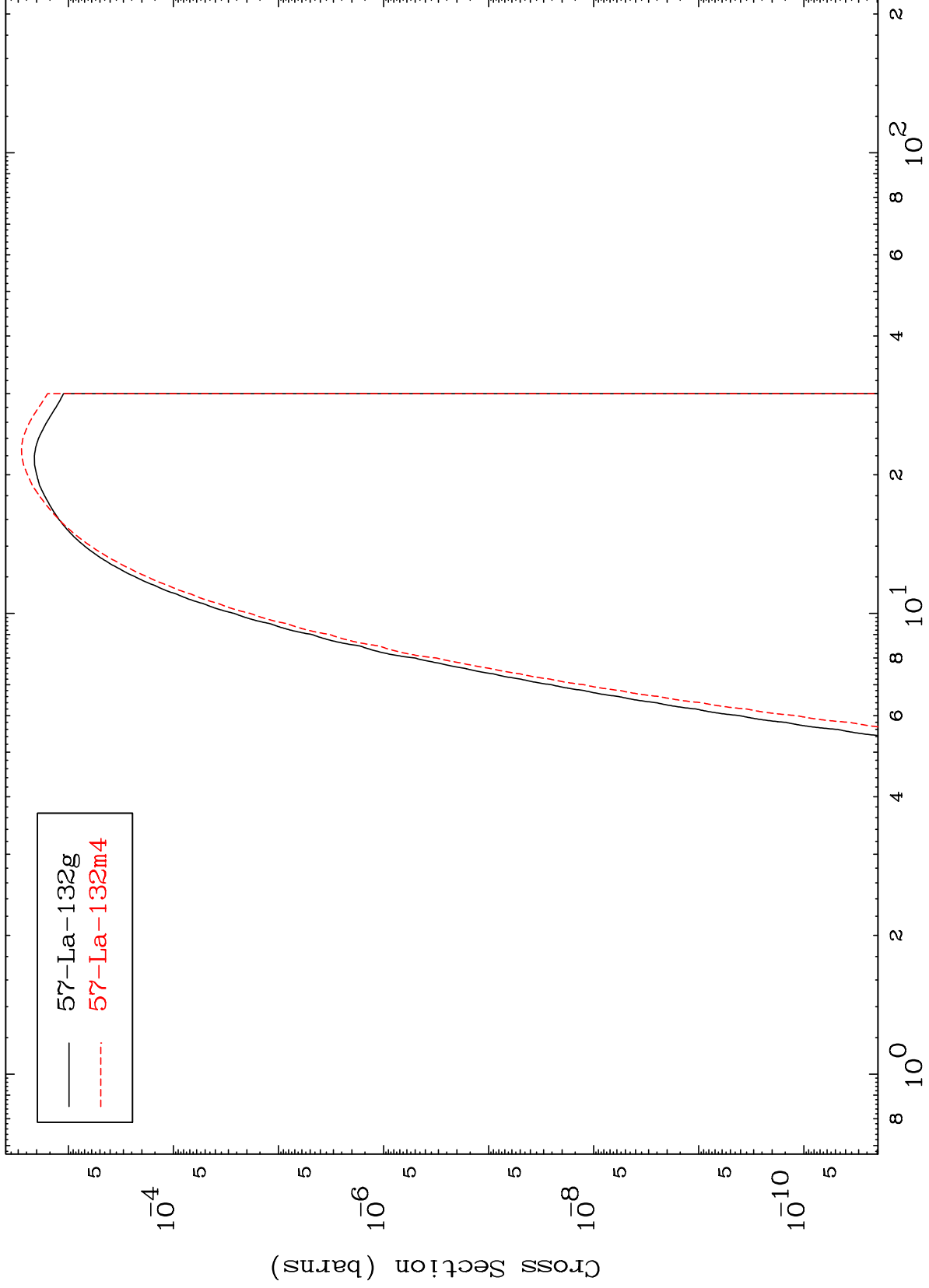
95



MAT 5901

59-Pr-133

(n,2p)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

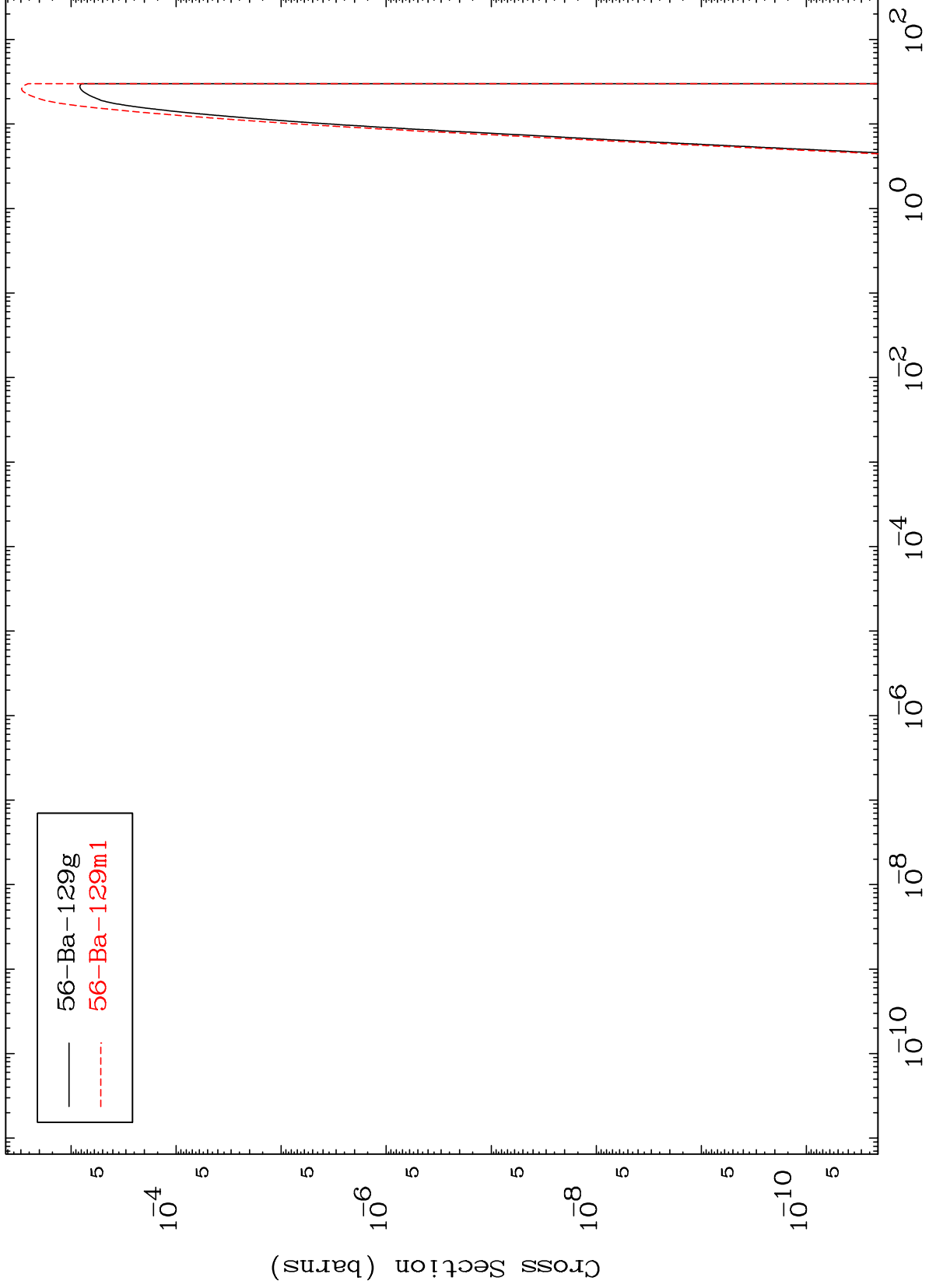
59-Pr-133

MAT 5901

(n,p) α

59-Pr-133

Radionuclide Production Cross Section



98

Incident Energy (MeV)

59-Pr-133