

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
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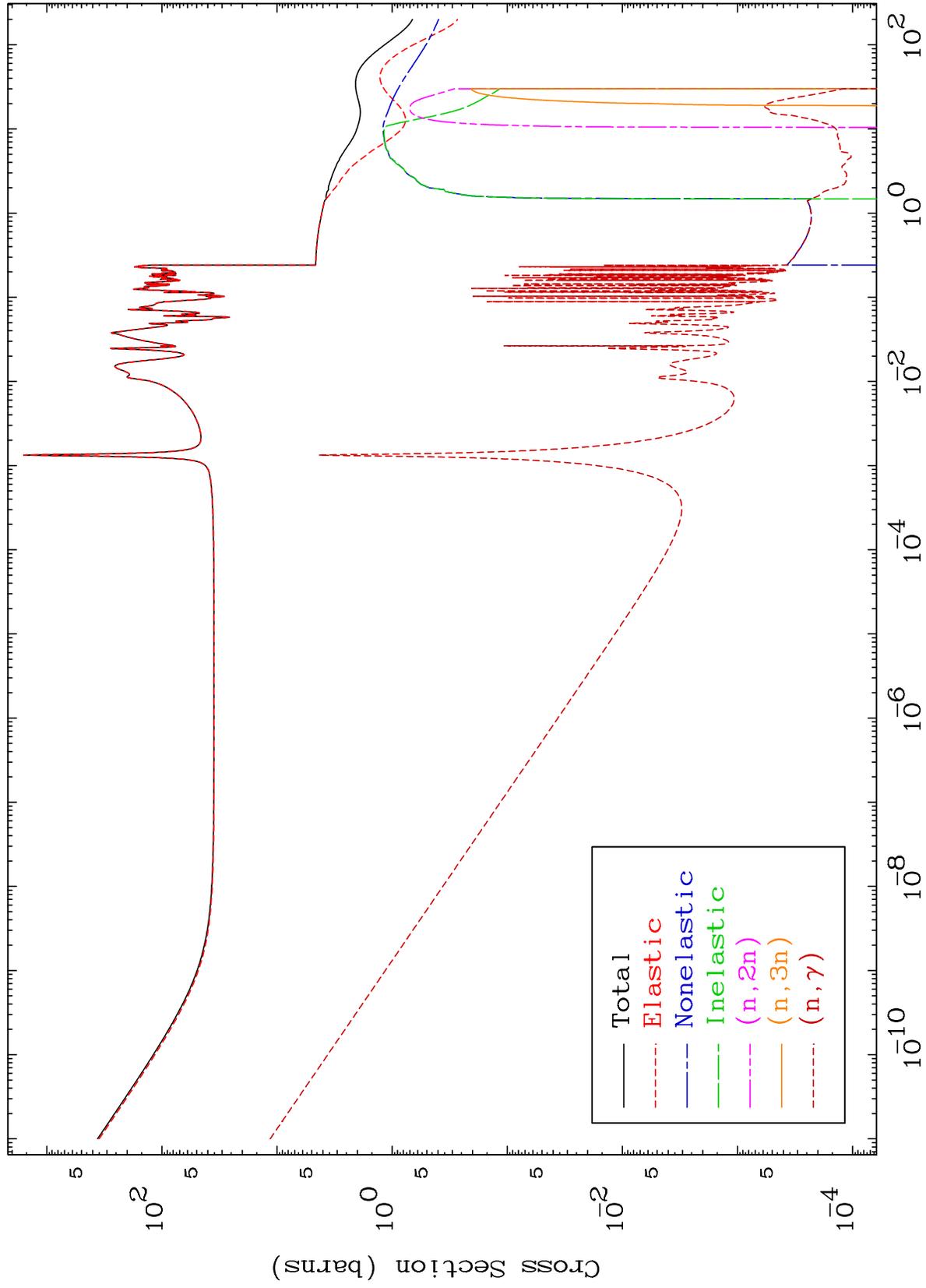
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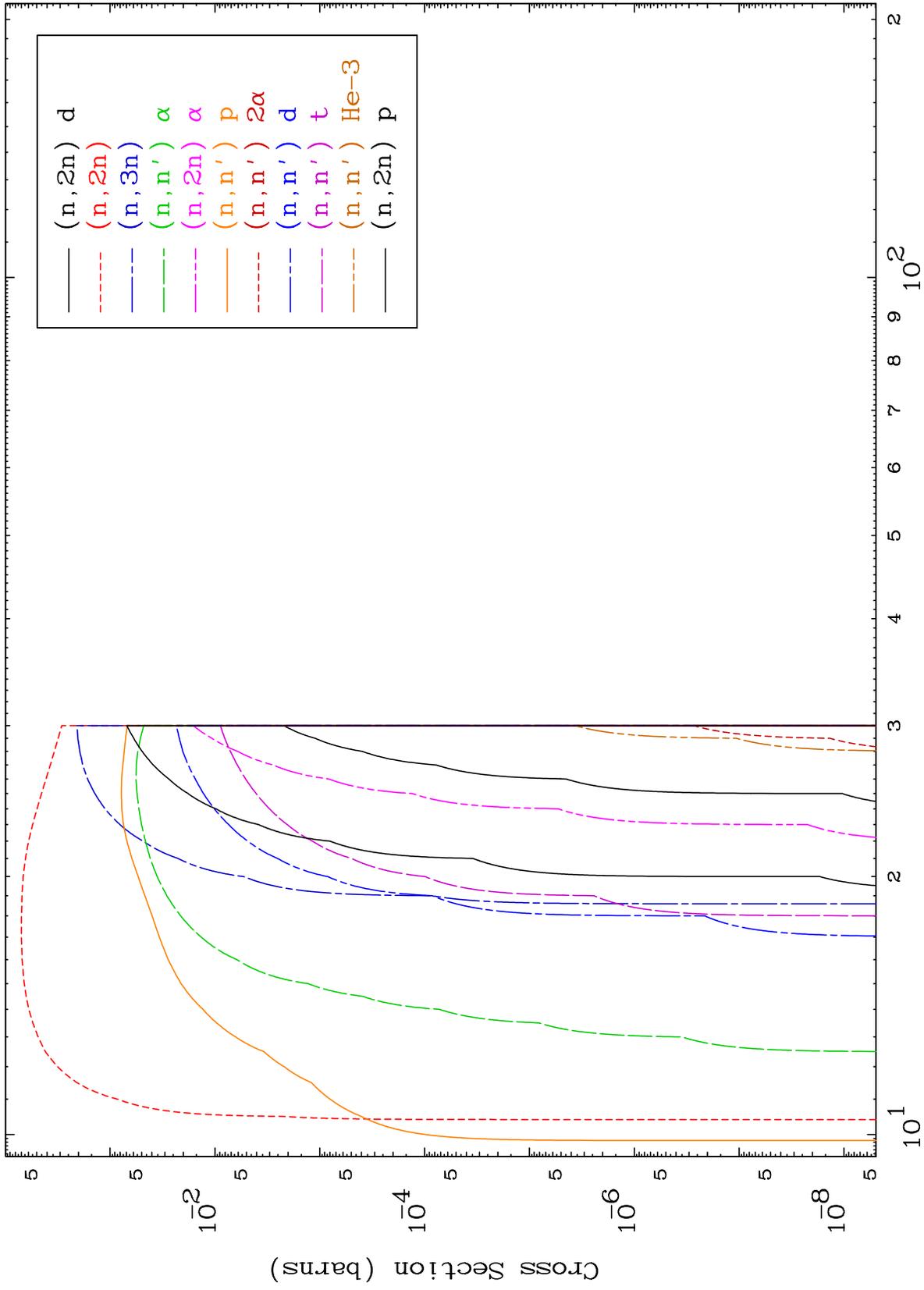
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MAT 1531

Neutron Major
293 Kelvin Cross Sections

15-P -33

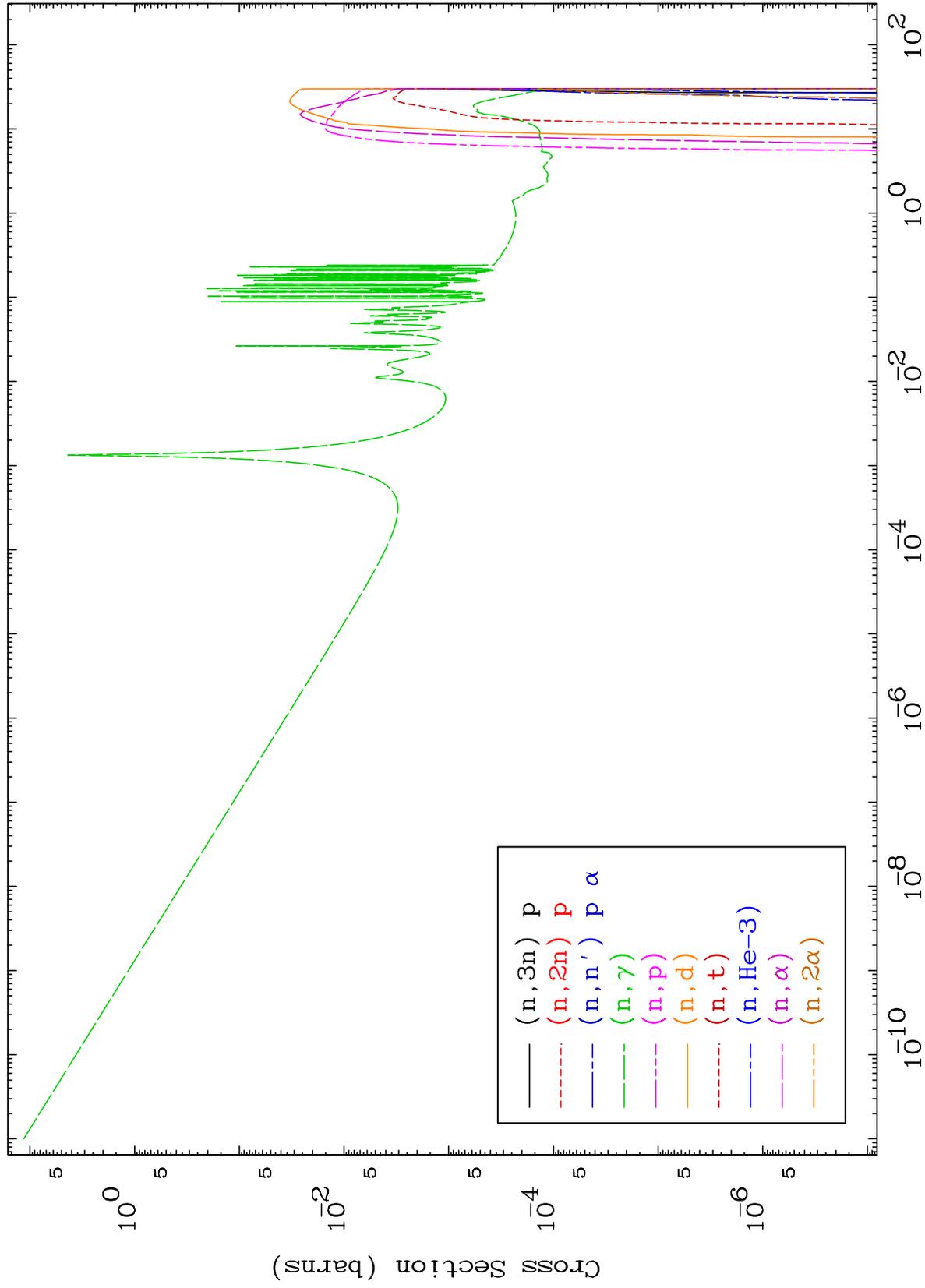


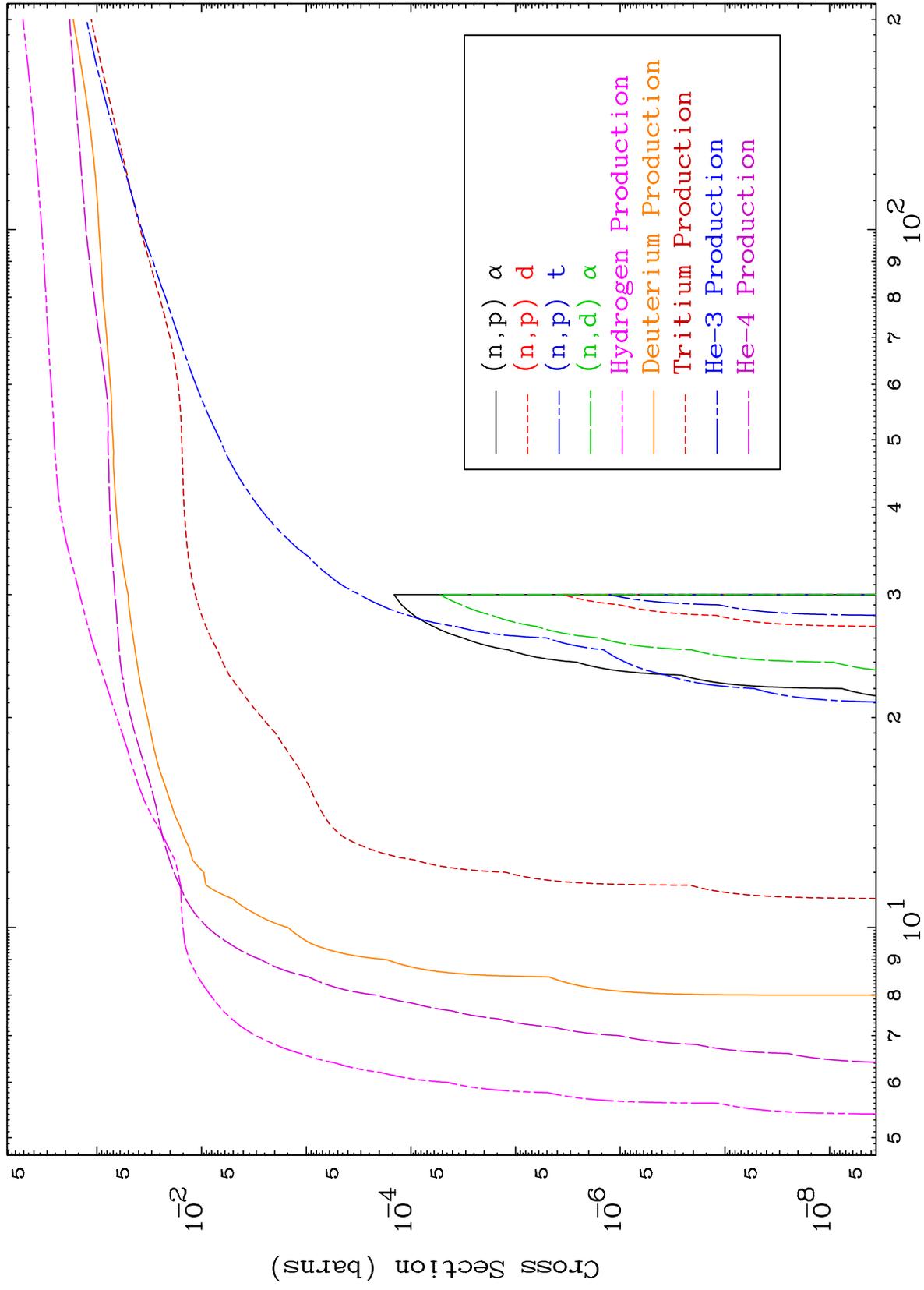


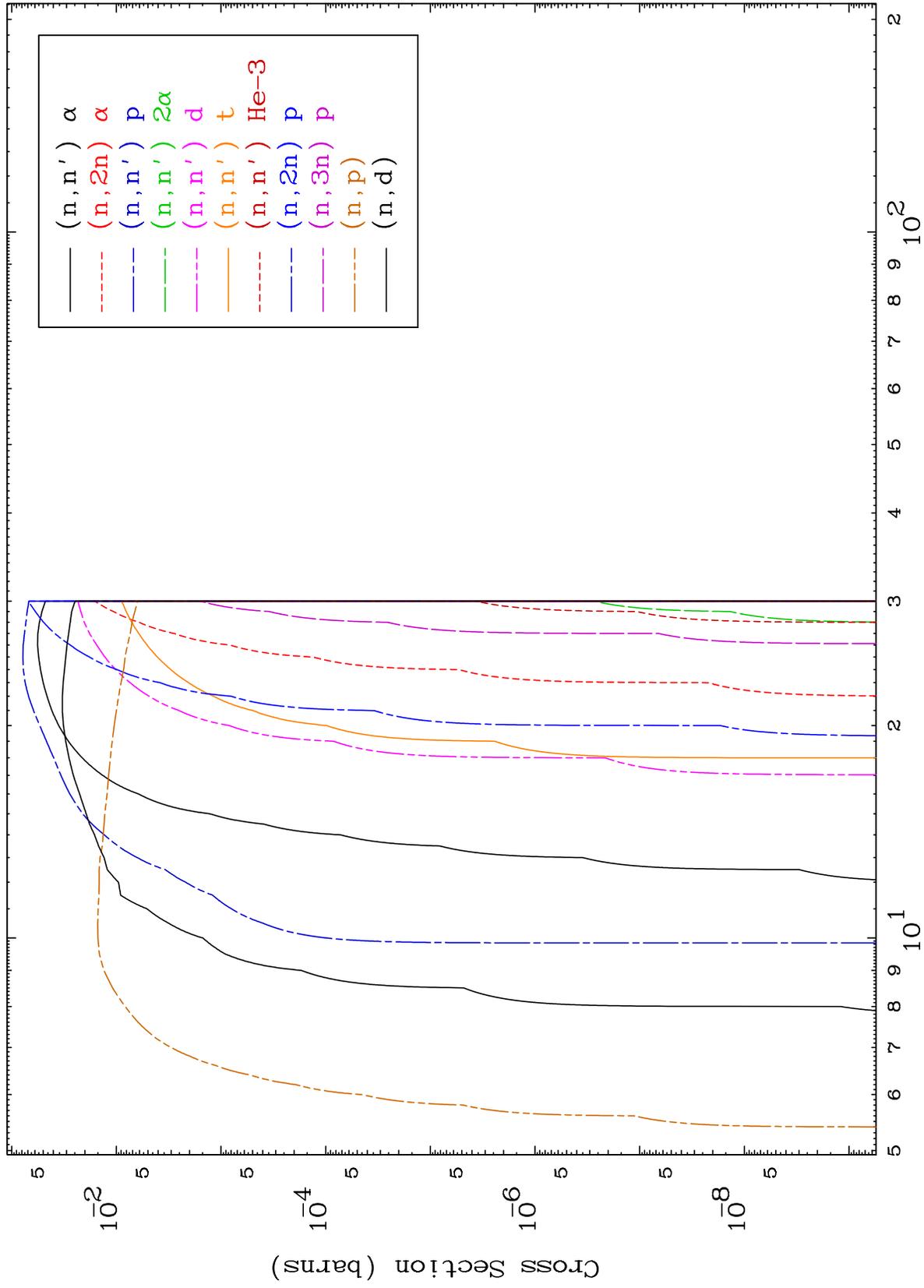
MAT 1531

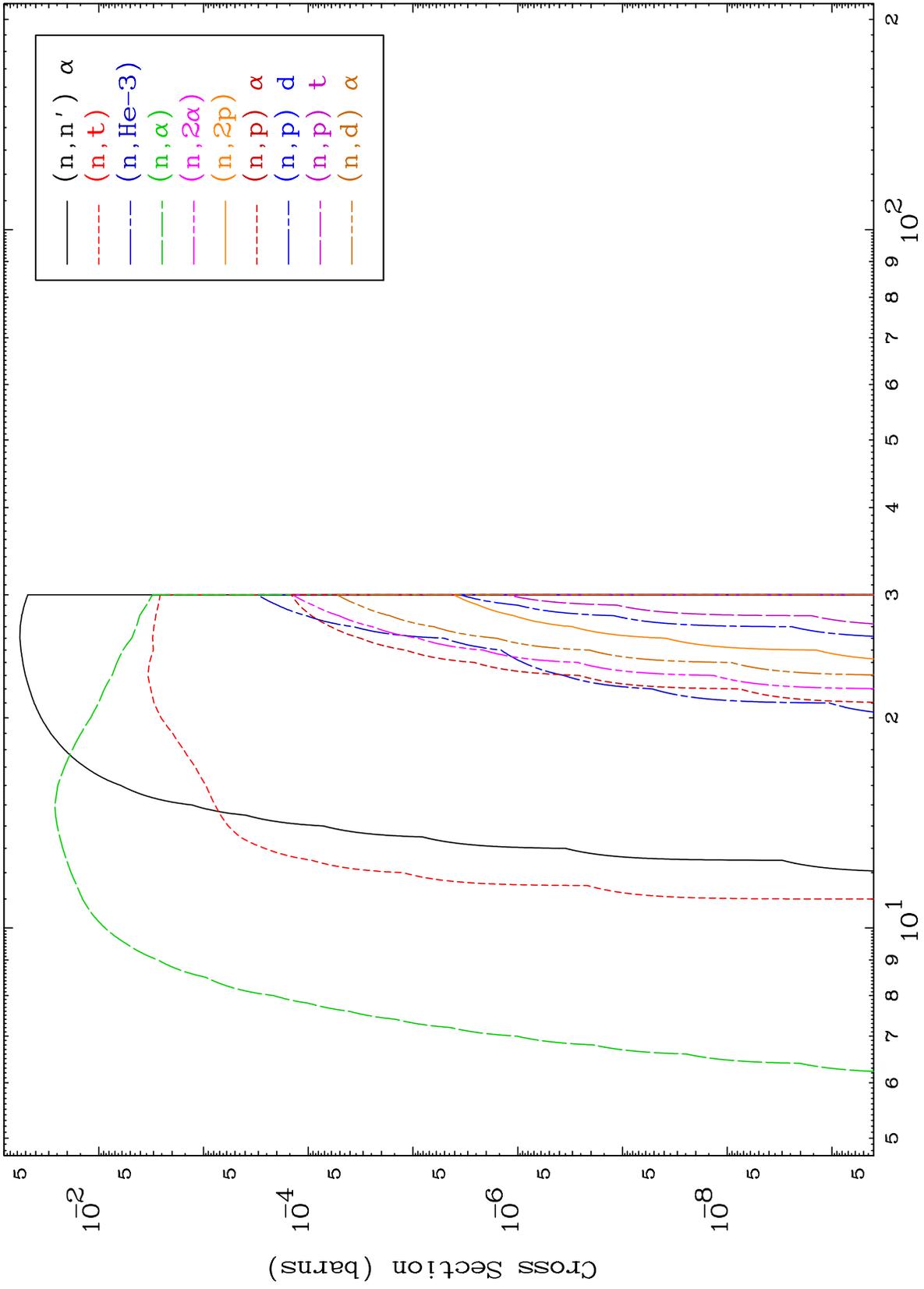
Neutron Absorption
293 Kelvin Cross Sections

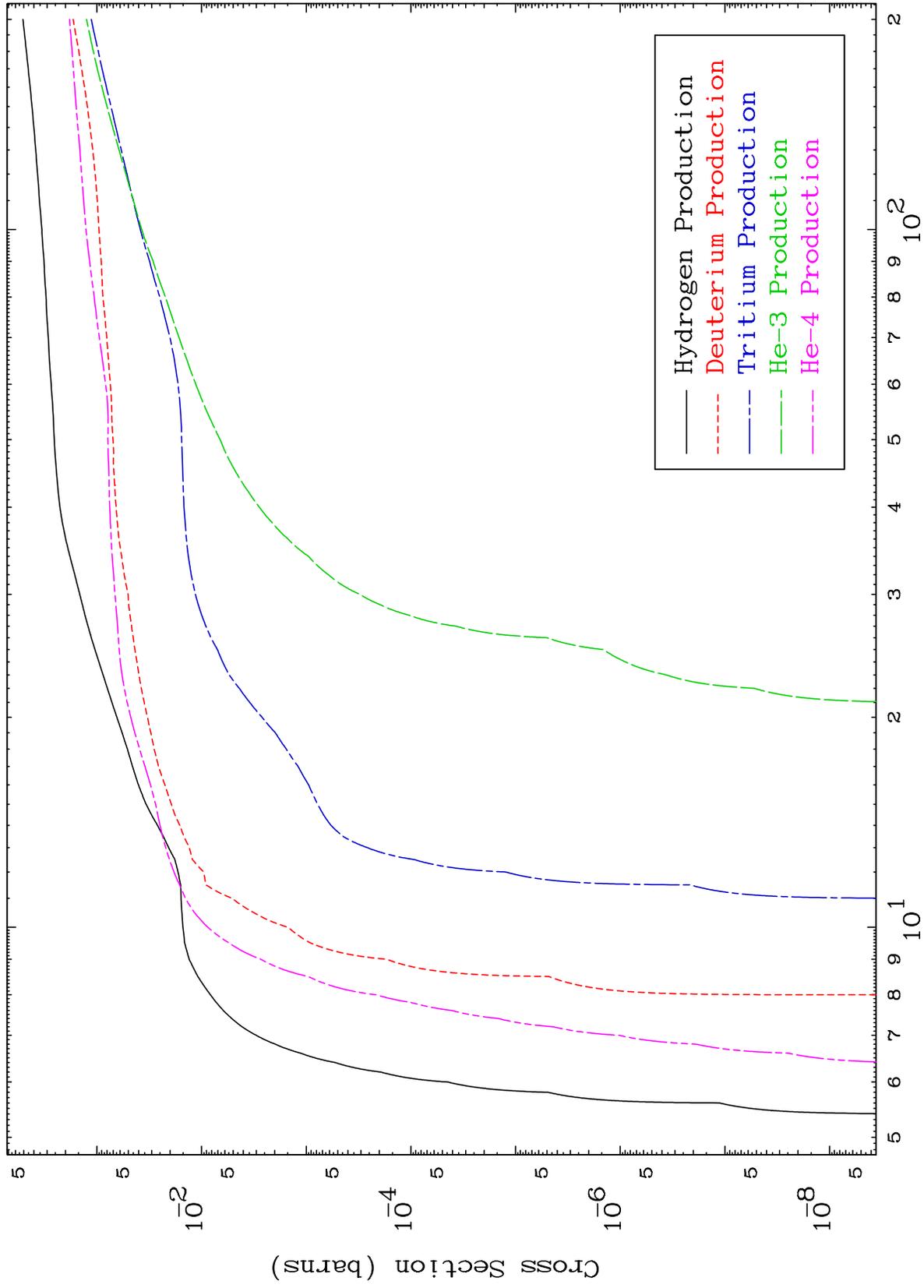
15-P -33

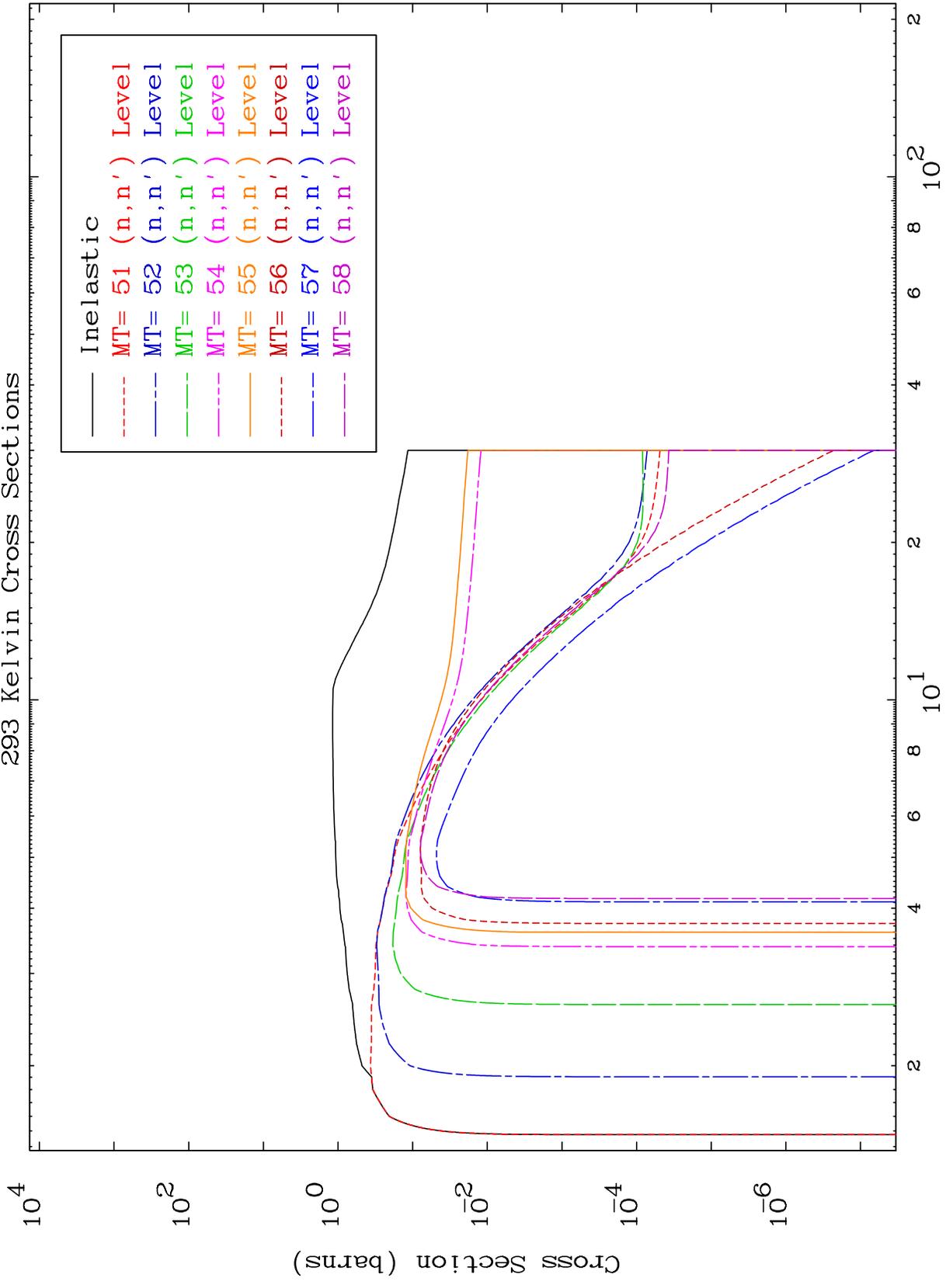


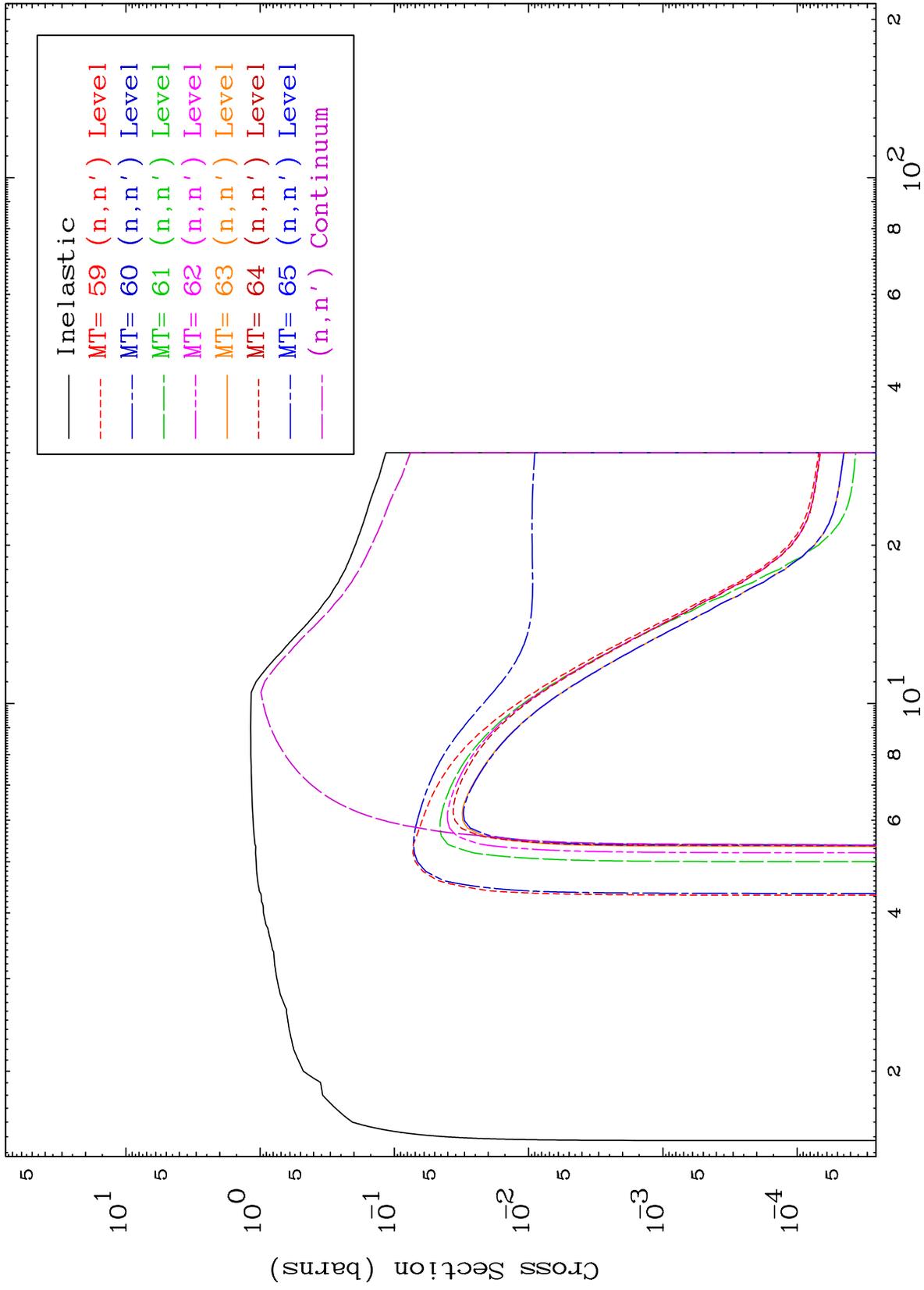








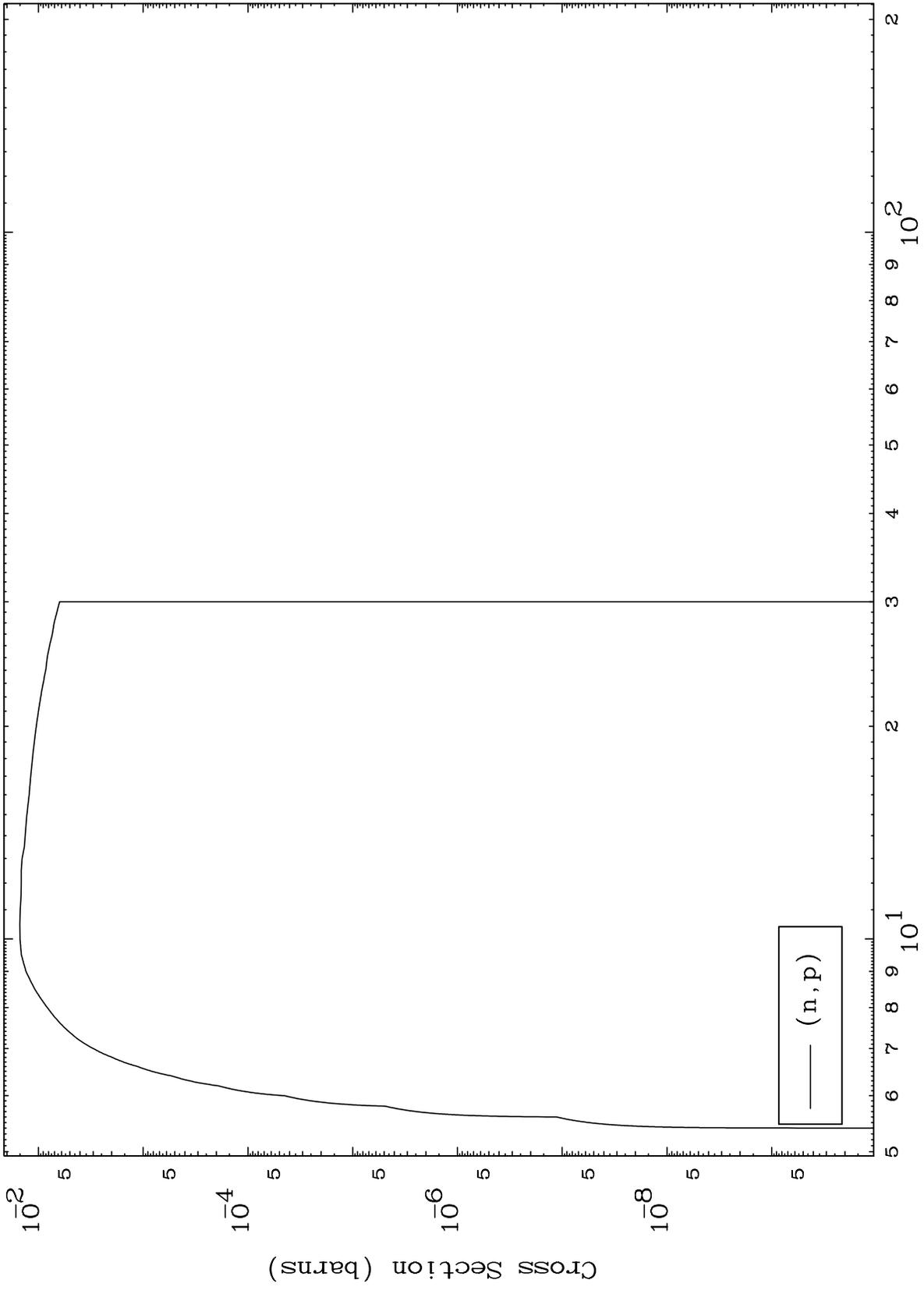




MAT 1531

(n,p) Levels
293 Kelvin Cross Sections

15-P -33



10

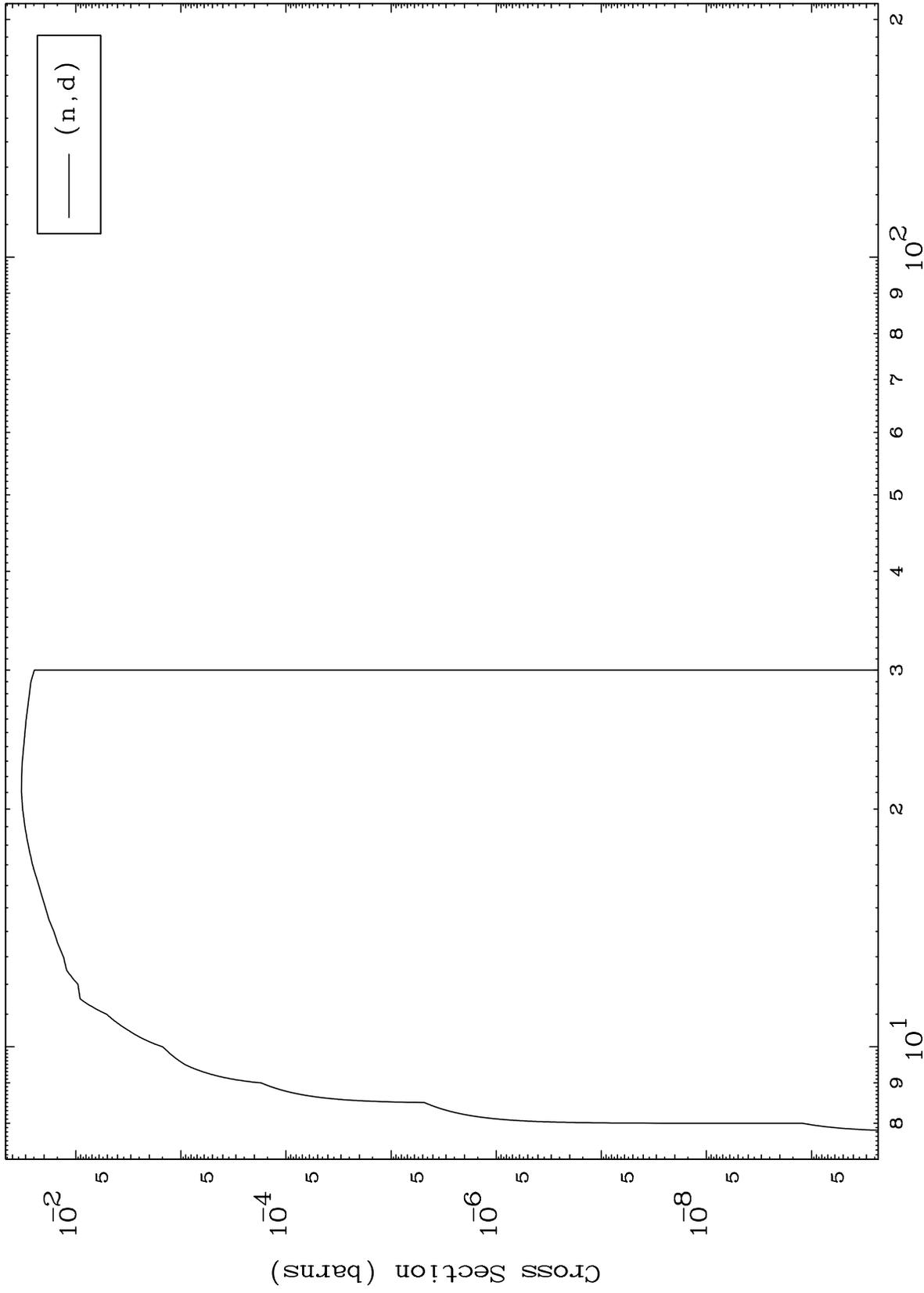
Incident Energy (MeV)

15-P -33

MAT 1531

(n,d) Levels
293 Kelvin Cross Sections

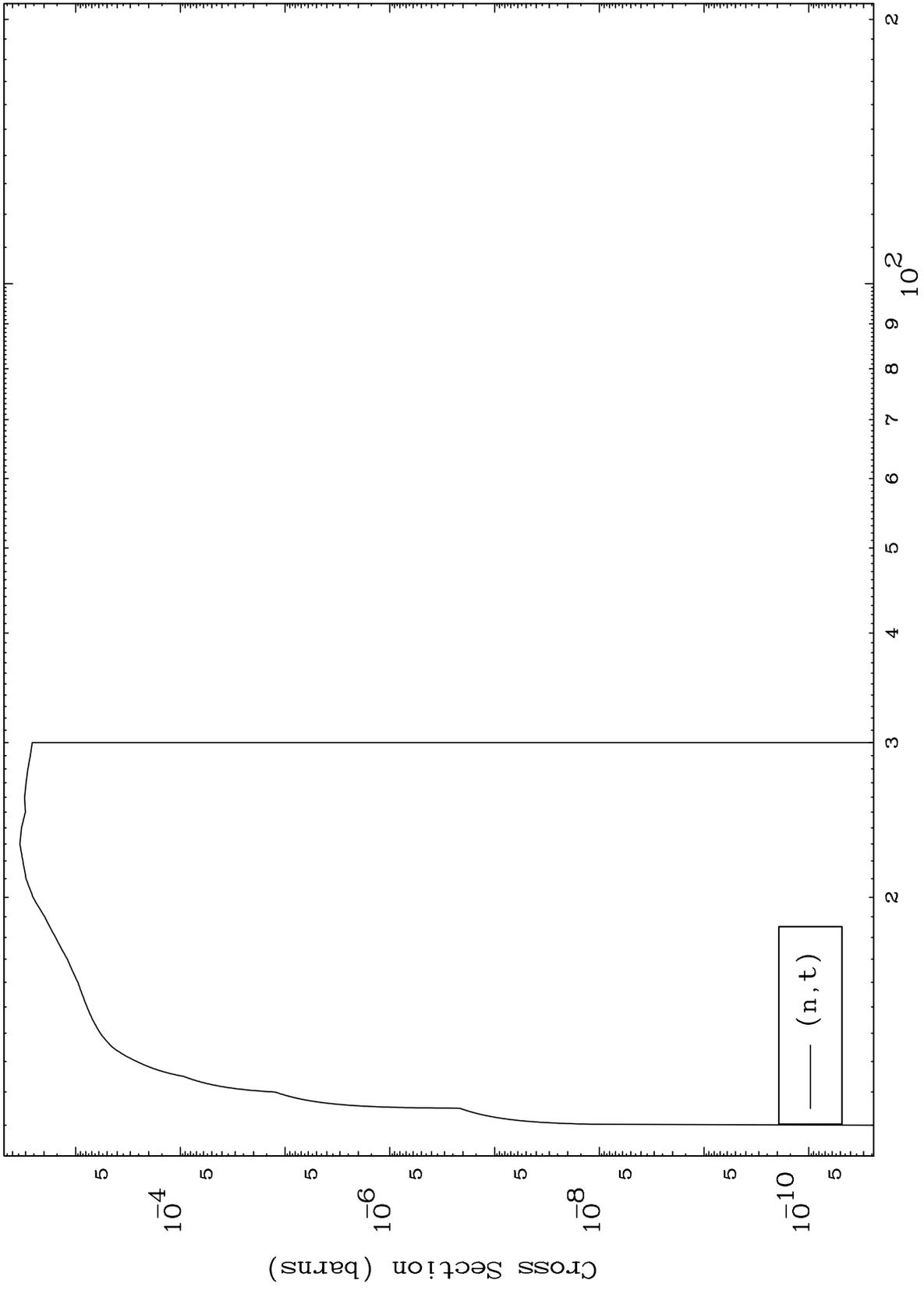
15-P -33



11

Incident Energy (MeV)

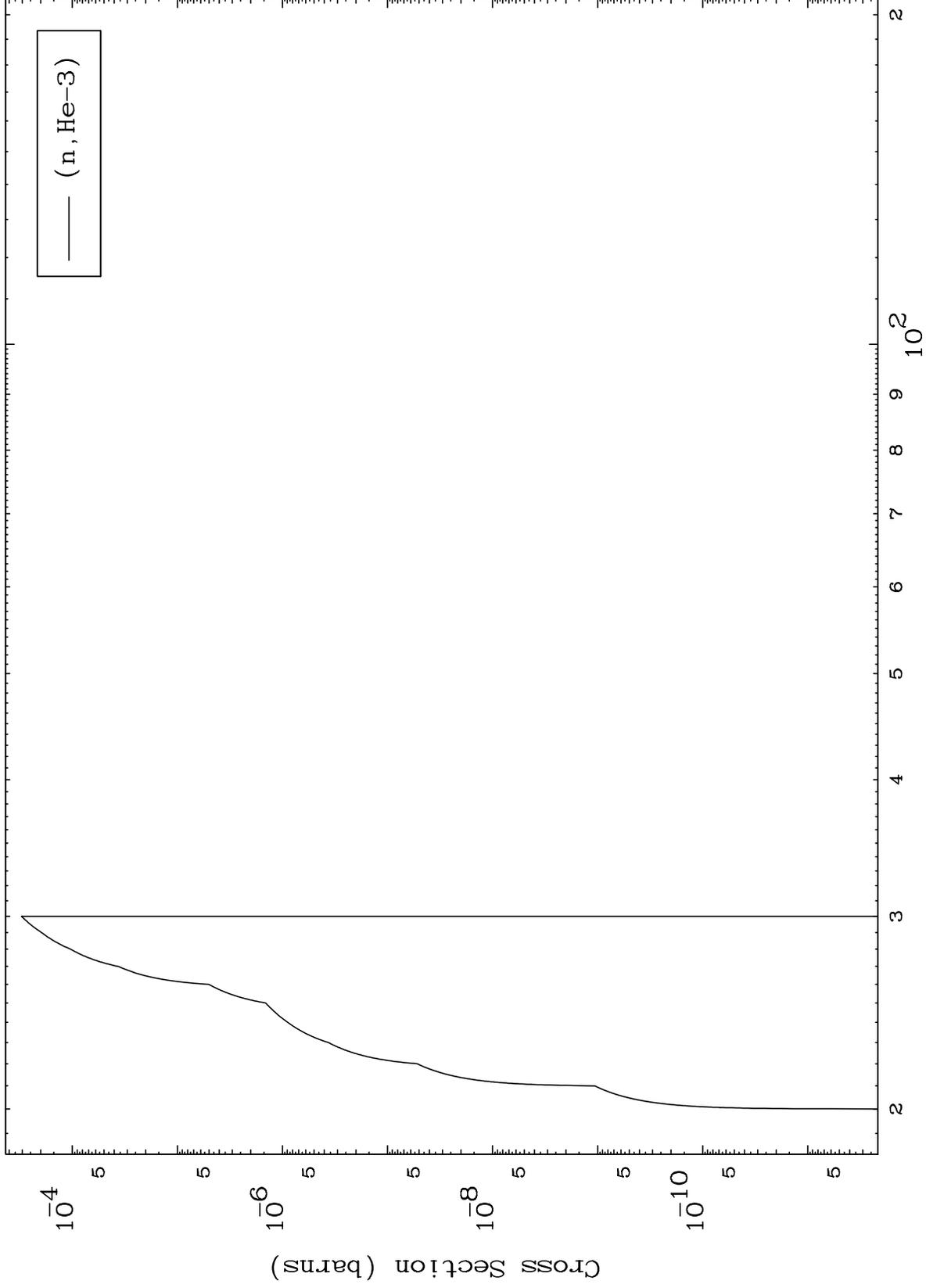
15-P -33



MAT 1531

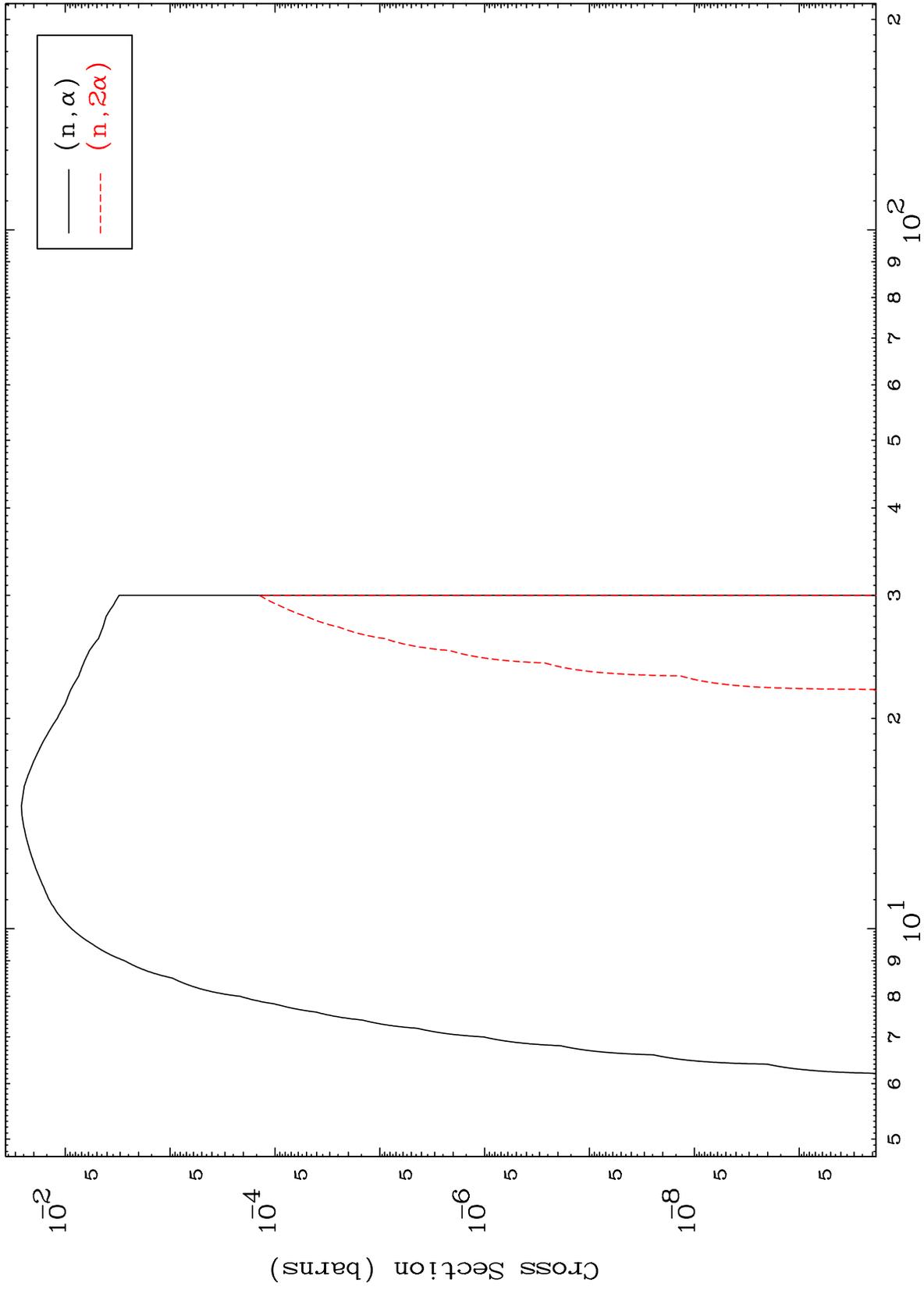
(n,He3) Levels
293 Kelvin Cross Sections

15-P -33



13

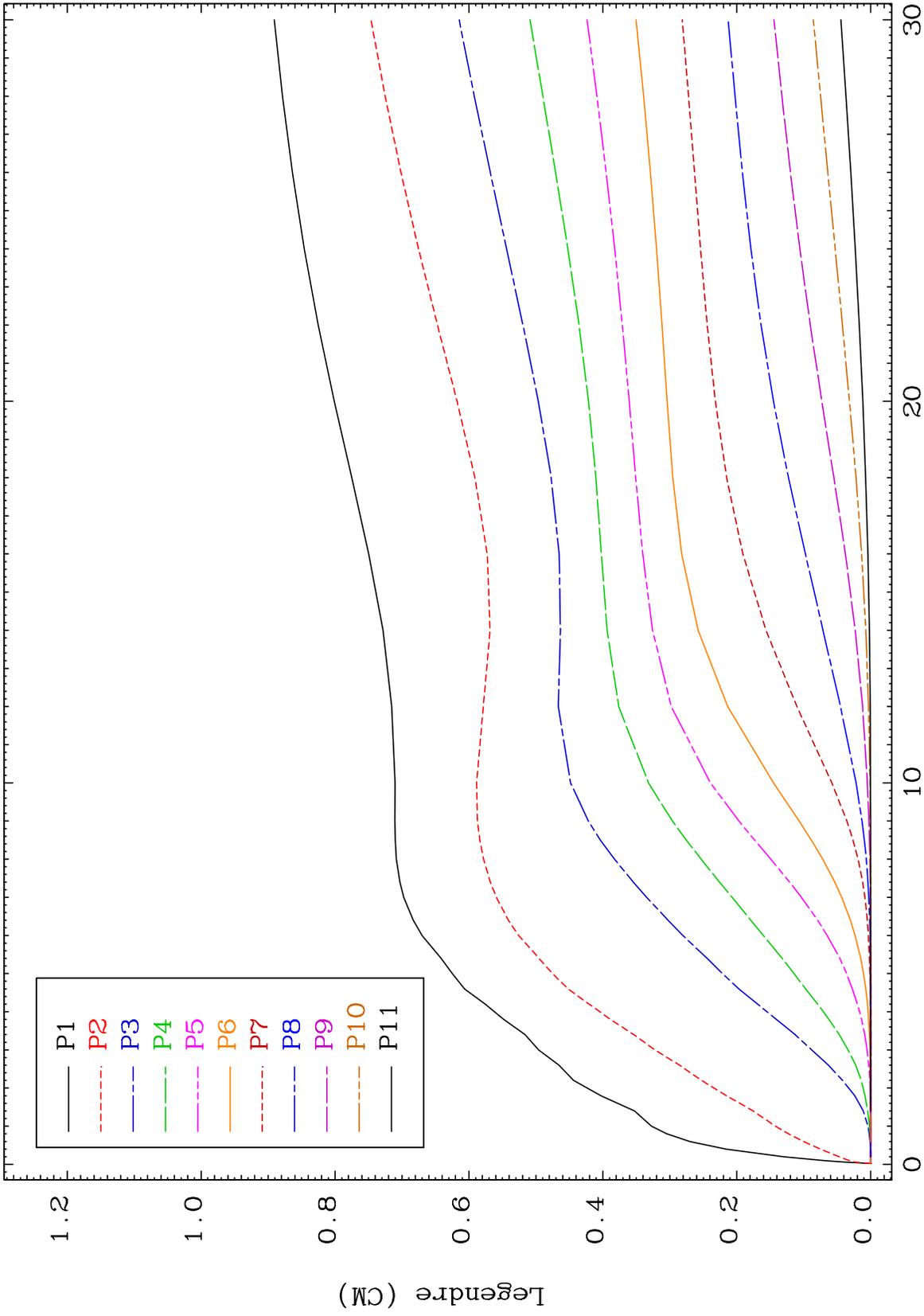
15-P -33



MAT 1531

Elastic Legendre Coefficients

15-P -33



15

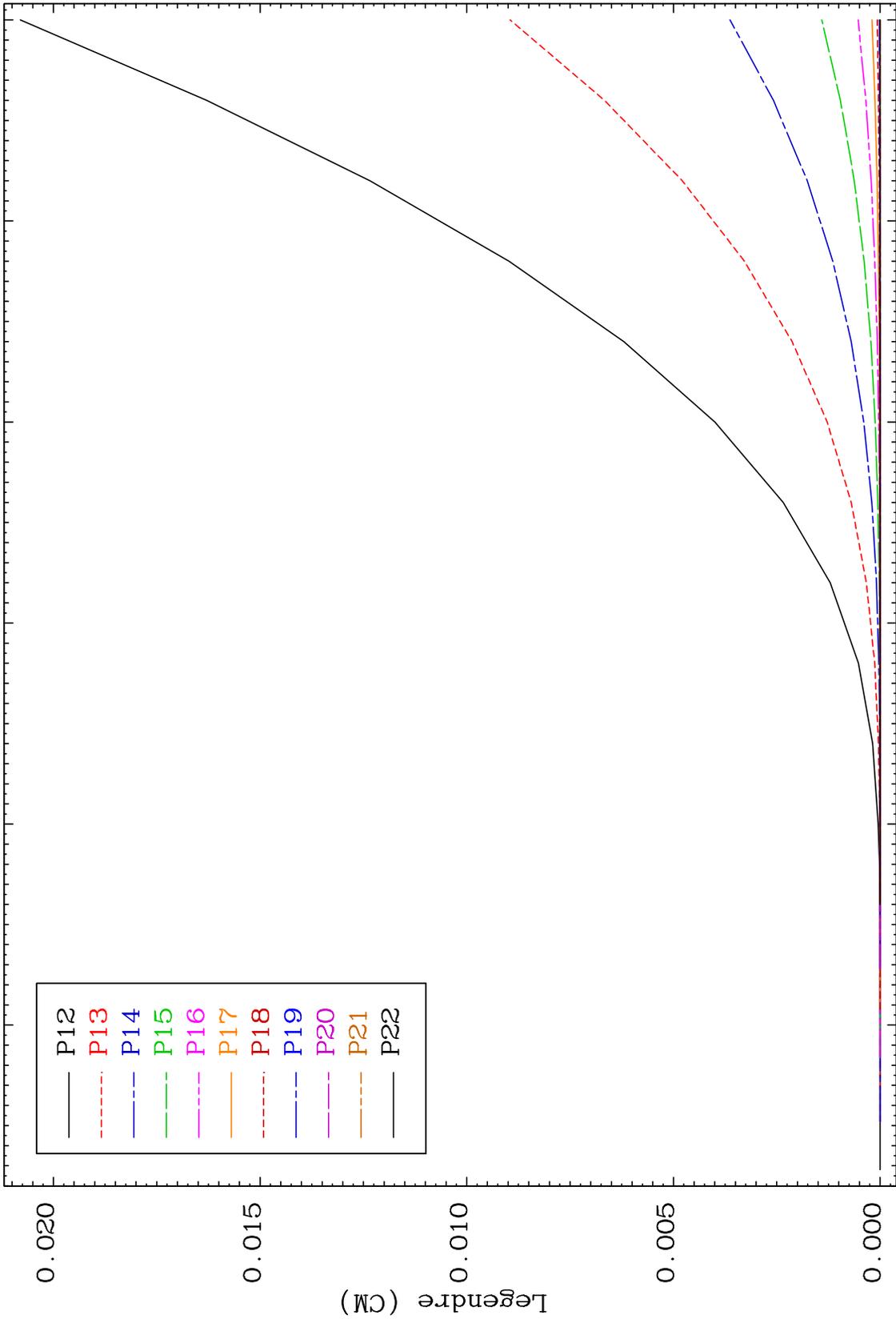
Incident Energy (MeV)

15-P -33

MAT 1531

Elastic Legendre Coefficients

15-P -33



16

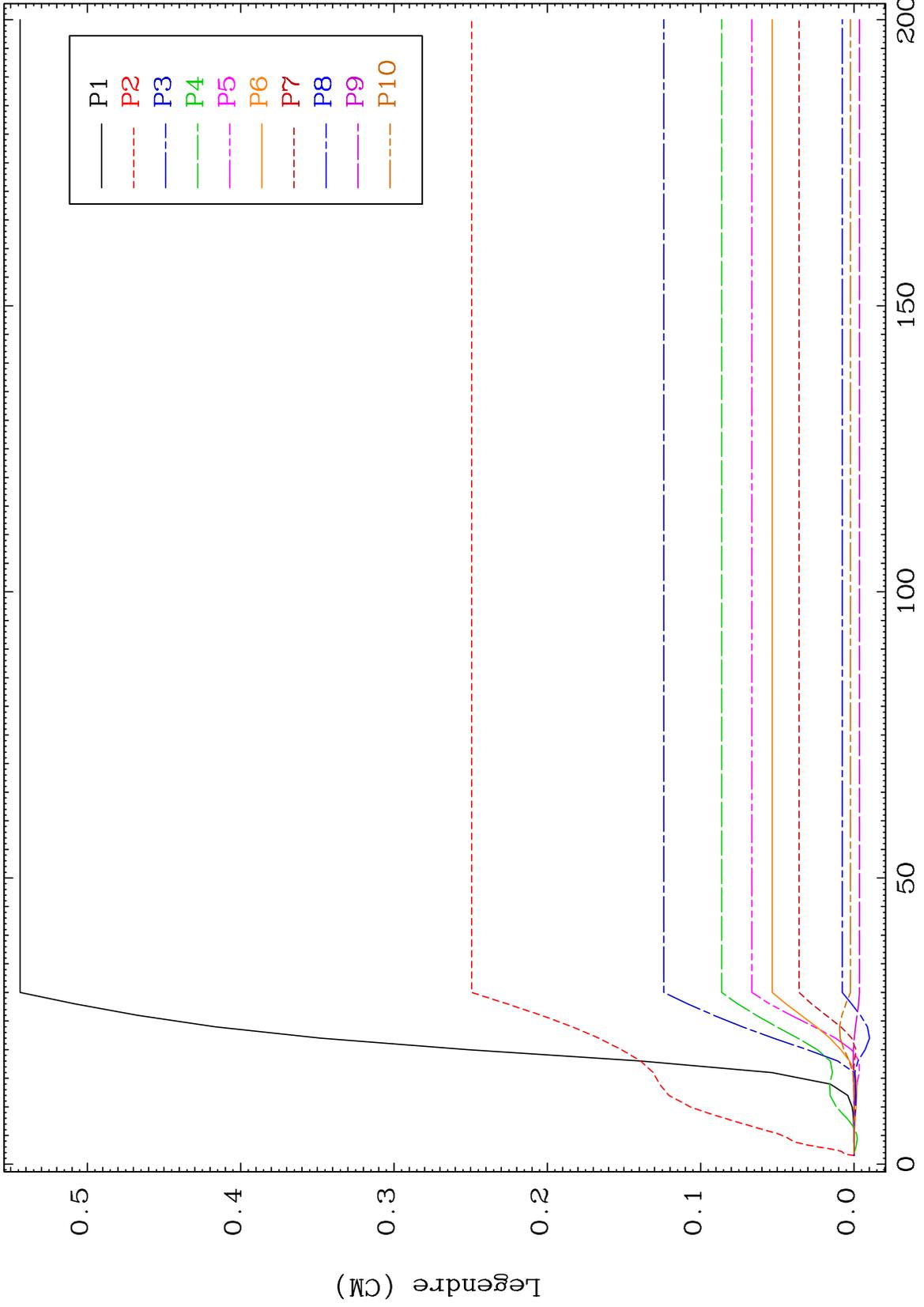
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



18

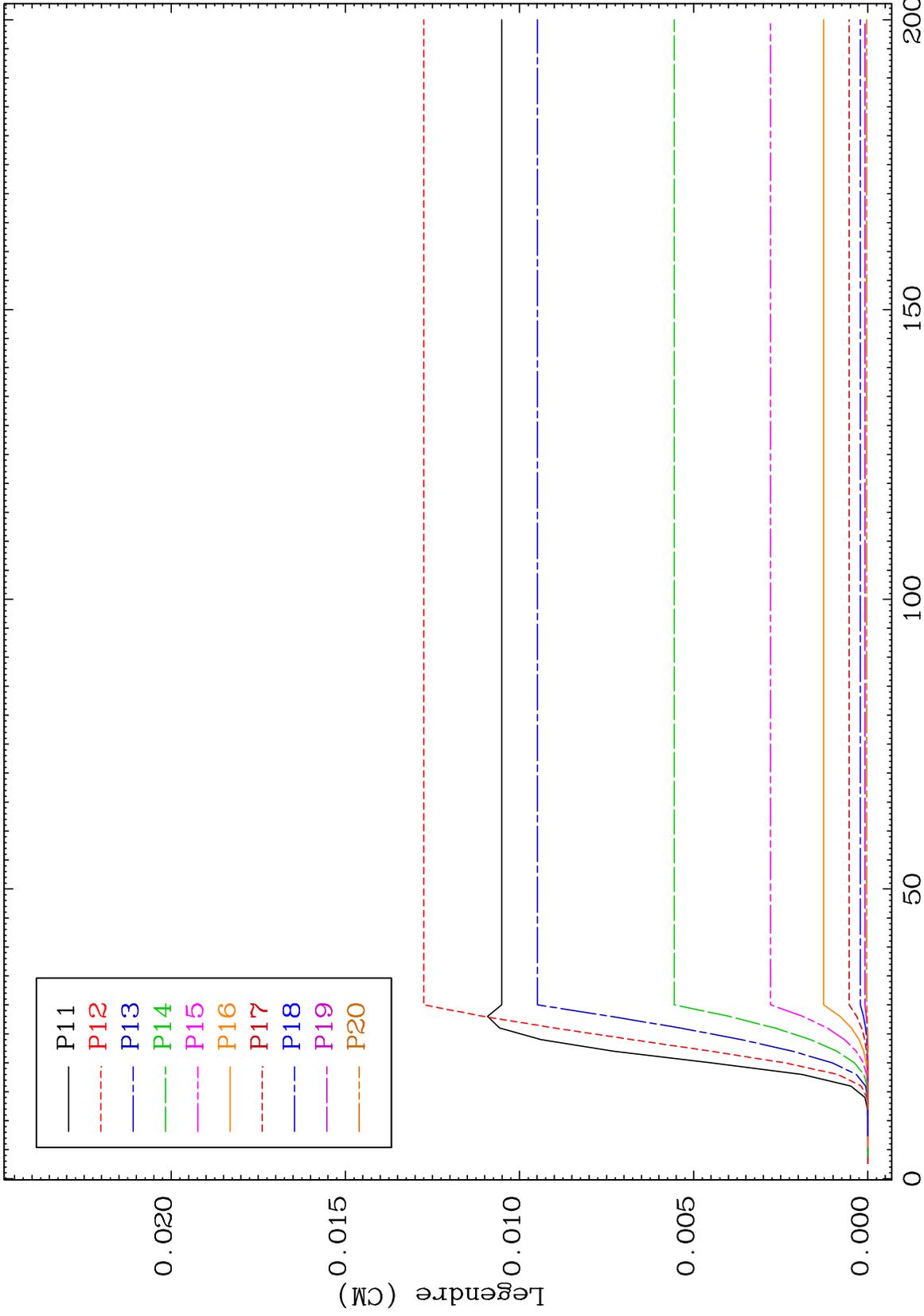
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



19

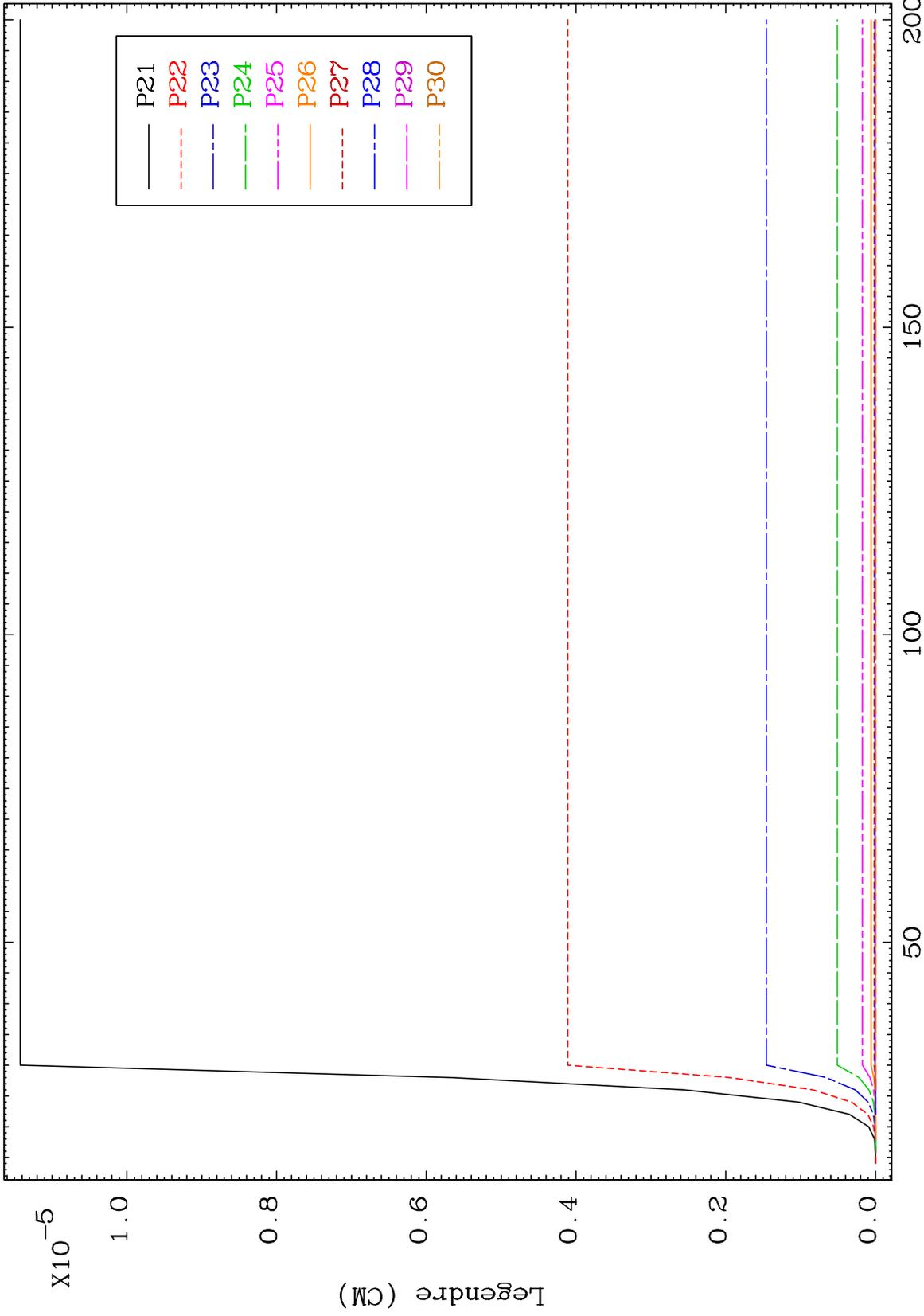
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



20

50

100

150

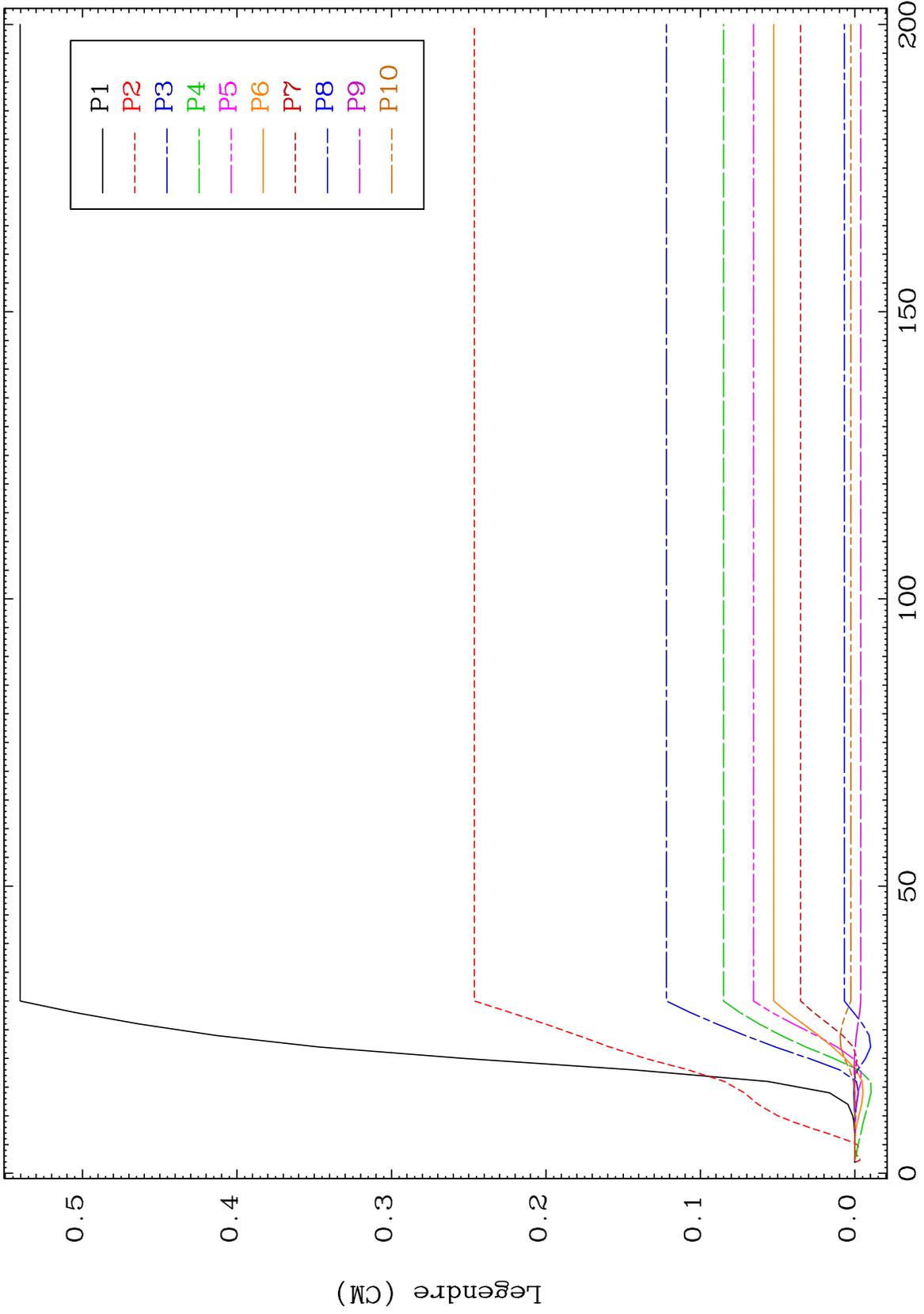
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15-P -33

MAT 1531

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

15-P -33



21

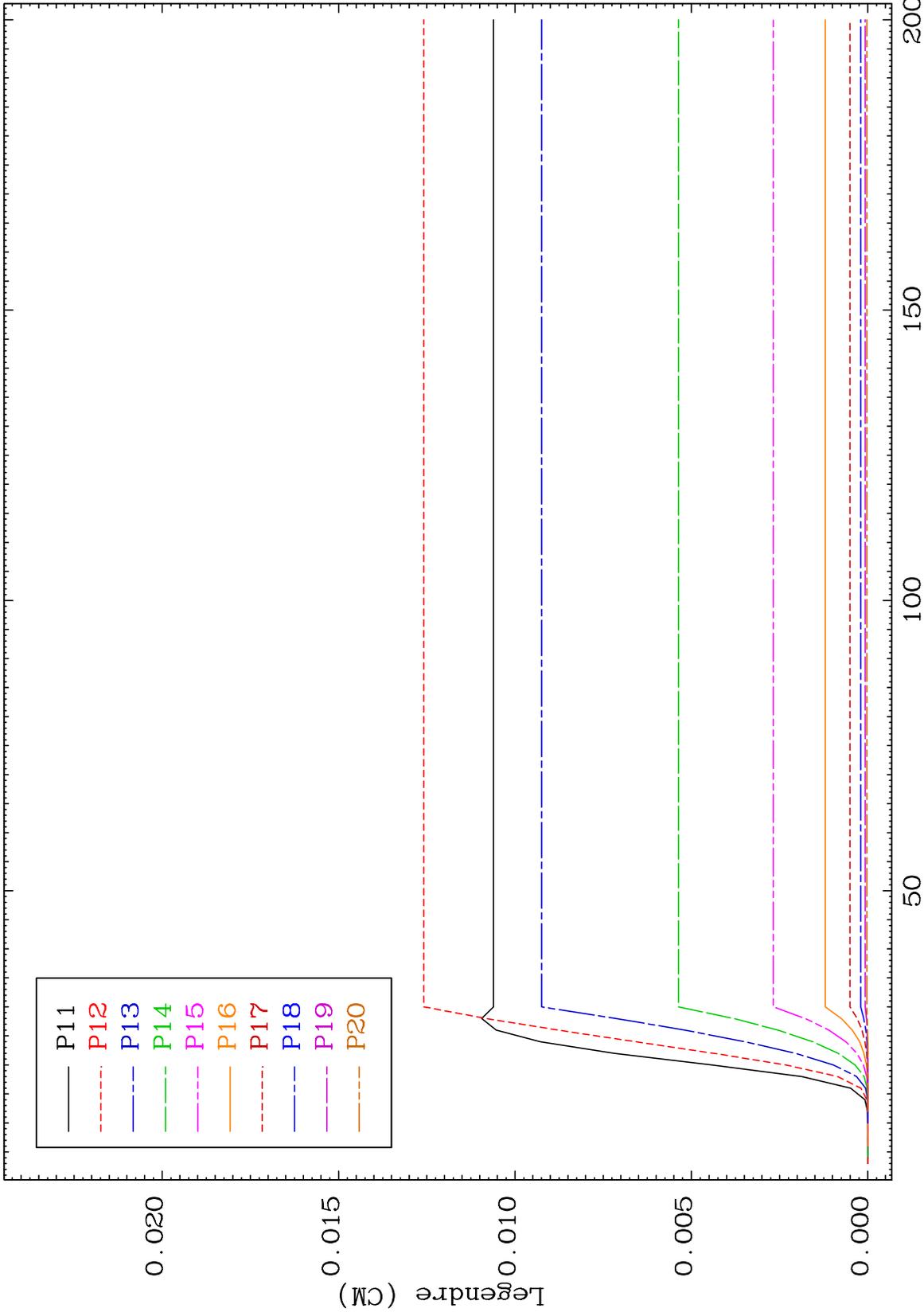
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



22

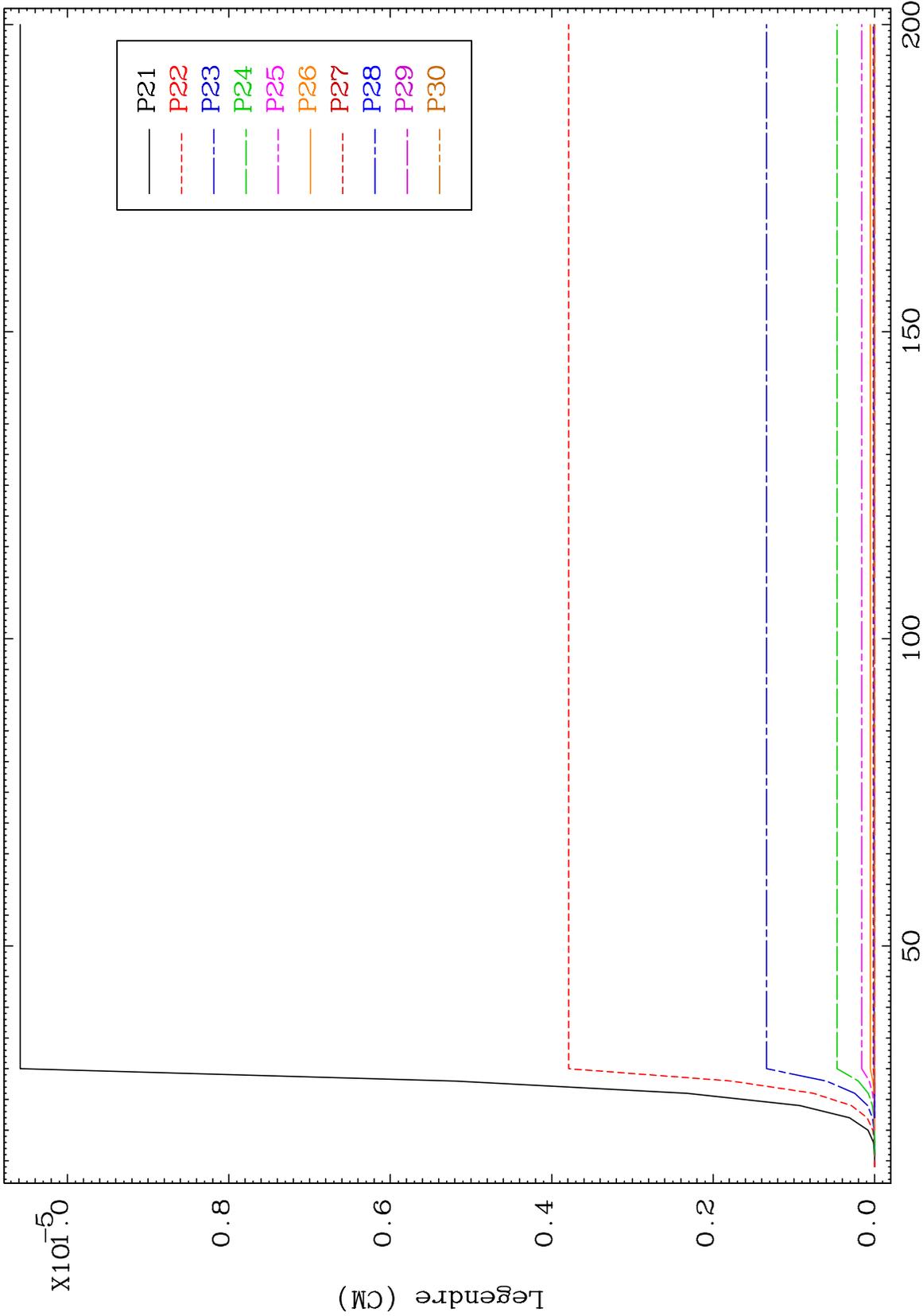
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



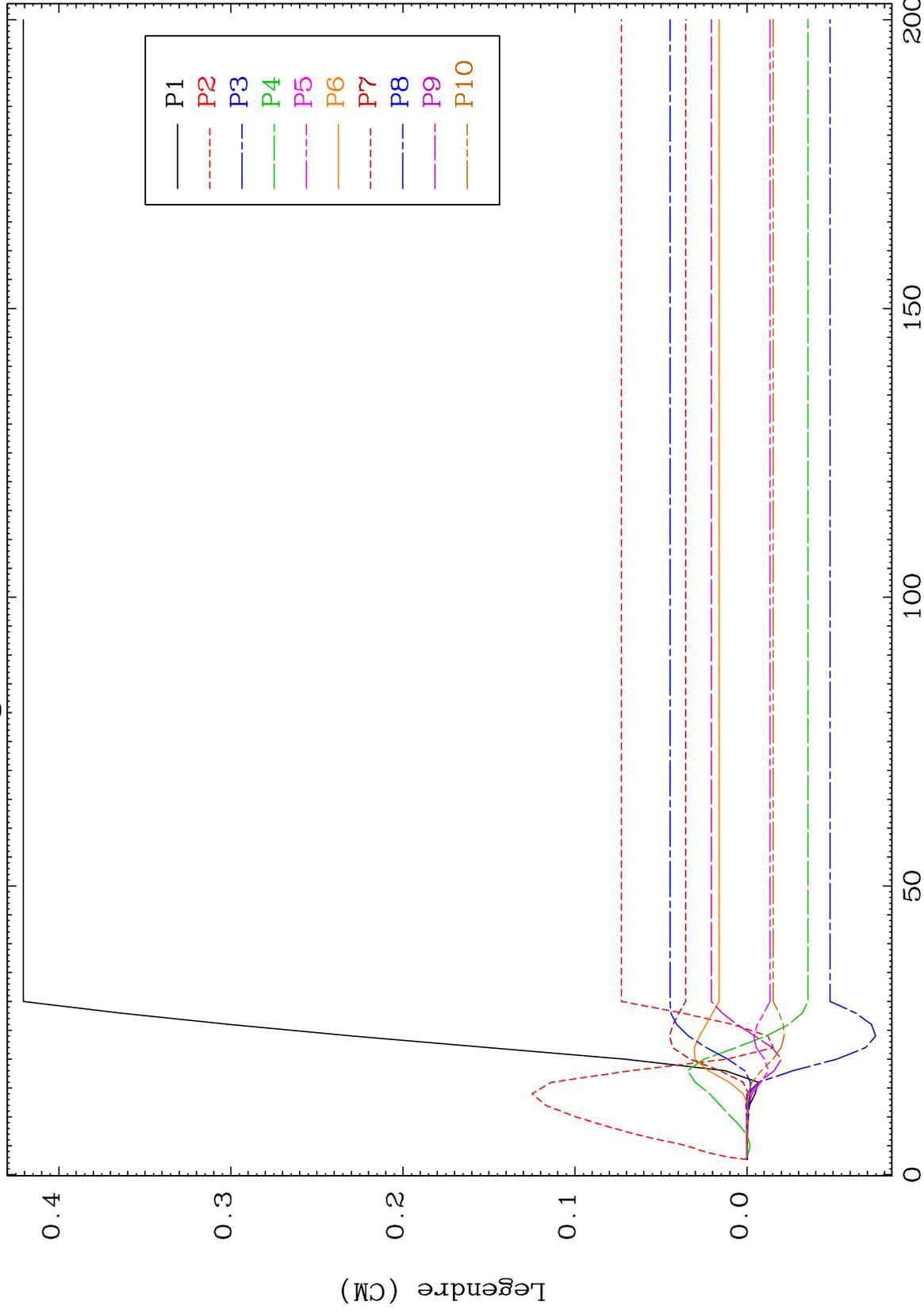
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15-P -33

MAT 1531

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

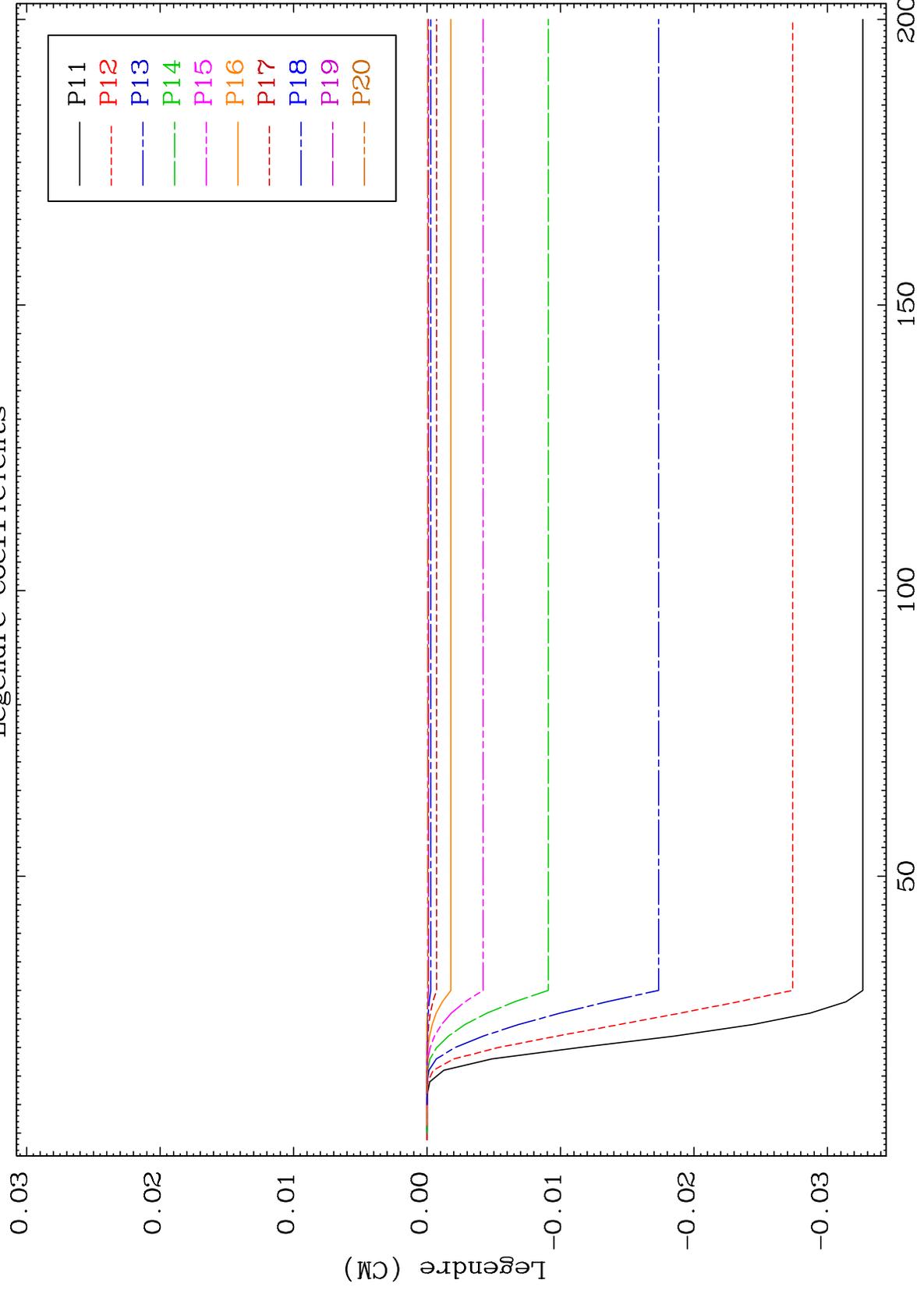
15-P -33



24

15-P -33

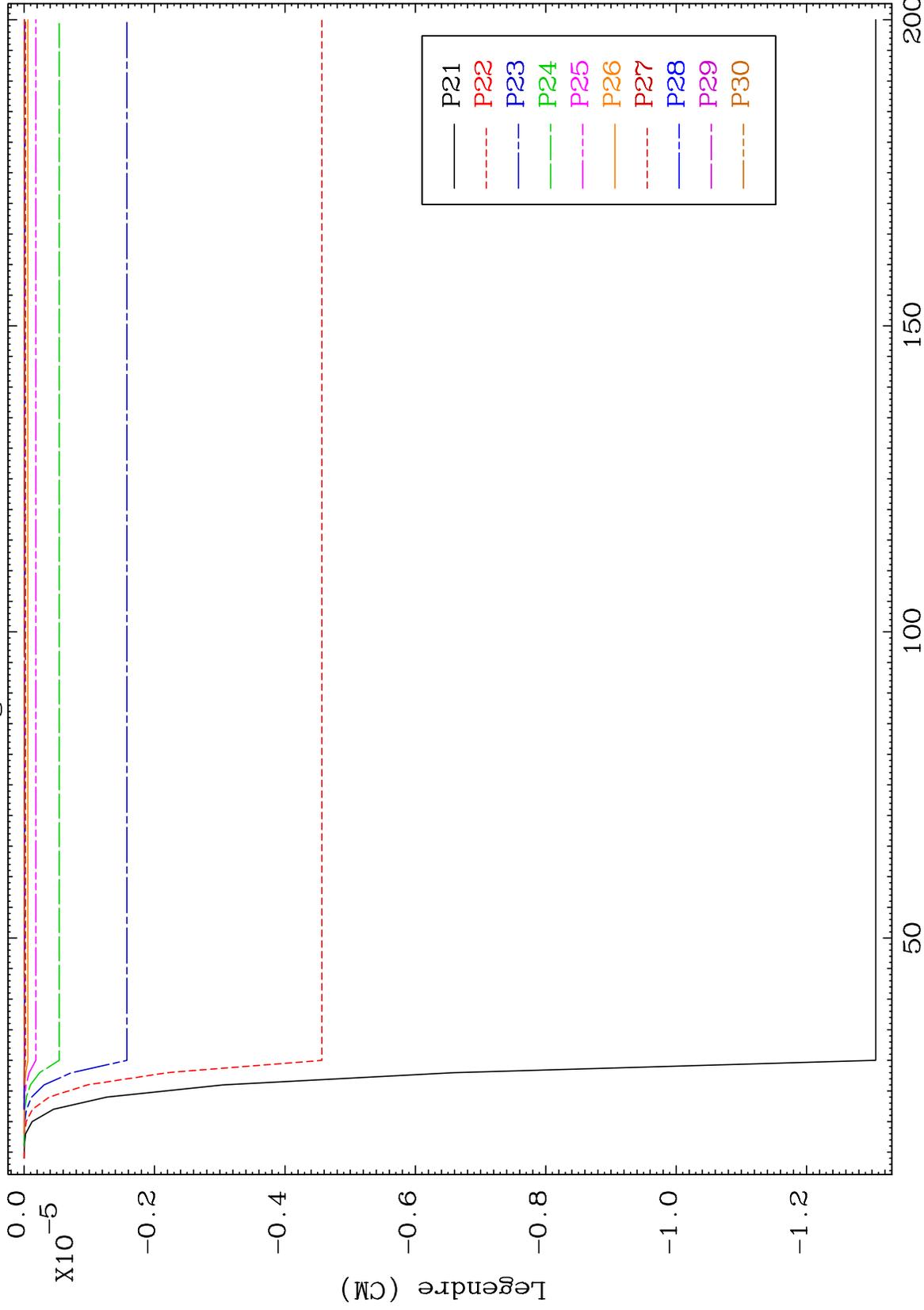
MAT 1531 MT= 53 (n,n') Level Legendre Coefficients 15-P -33



25 Incident Energy (MeV) 15-P -33

MAT 1531 MT= 53 (n,n') Level 15-P -33

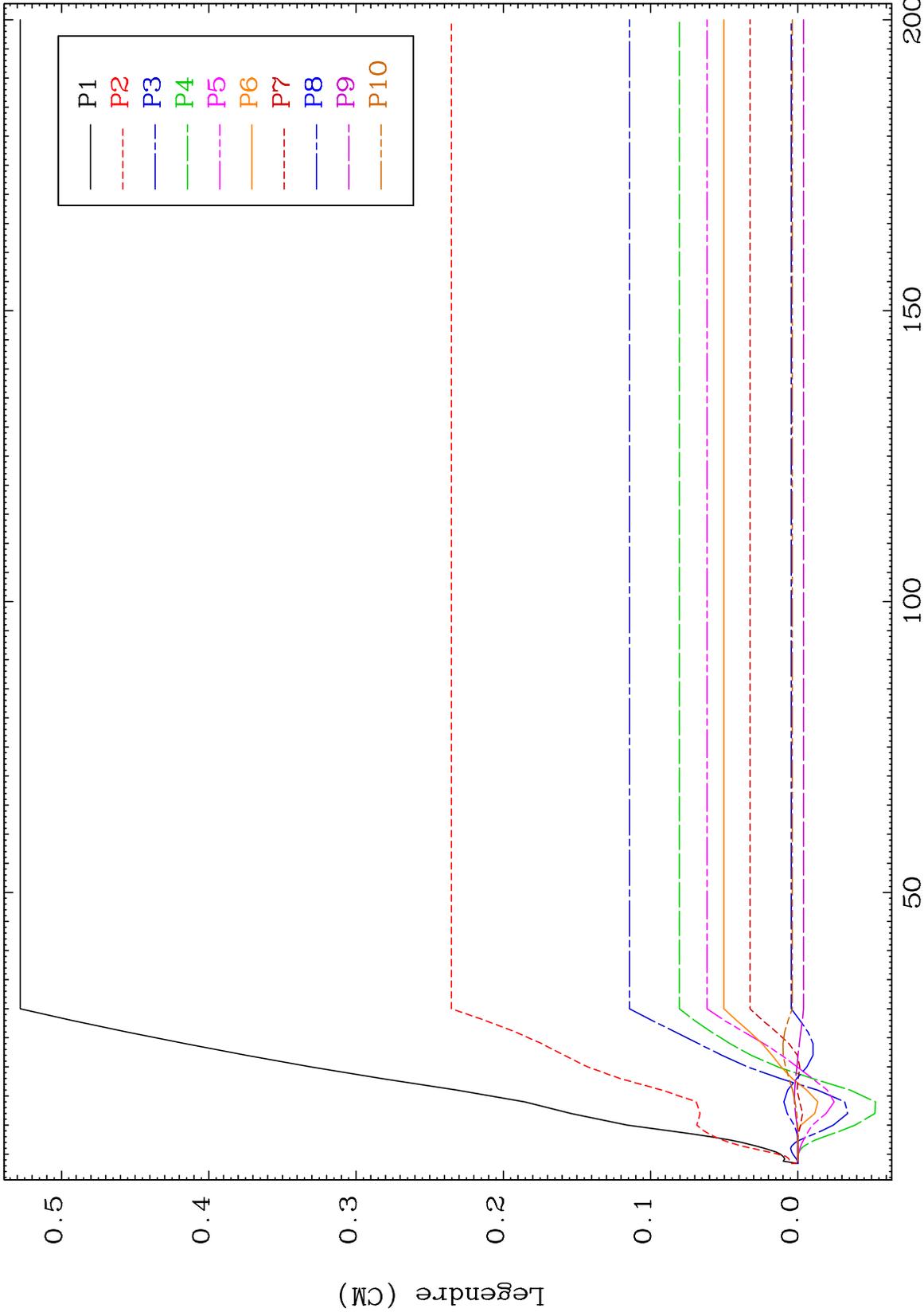
Legendre Coefficients



MAT 1531

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

15-P -33



27

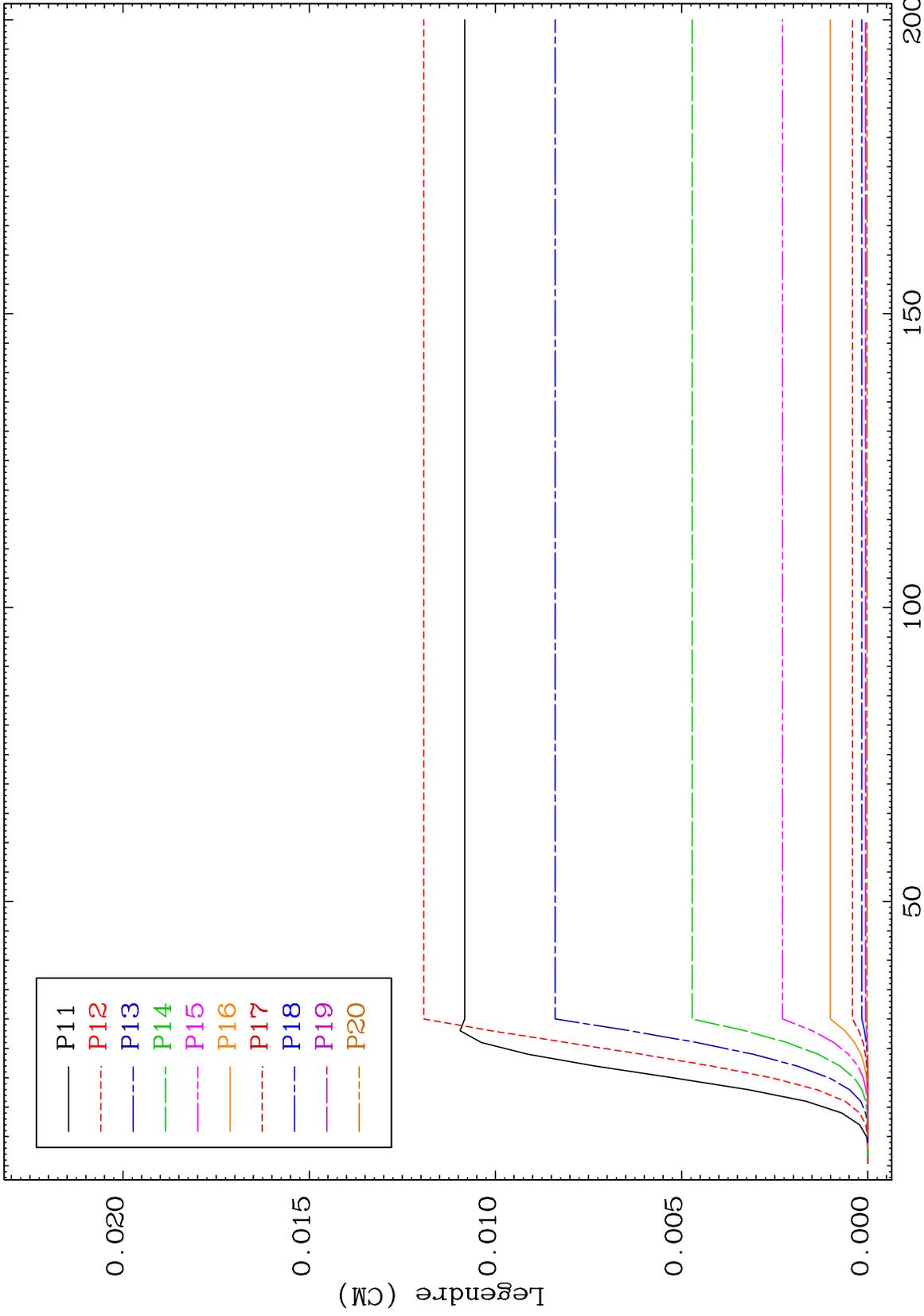
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



28

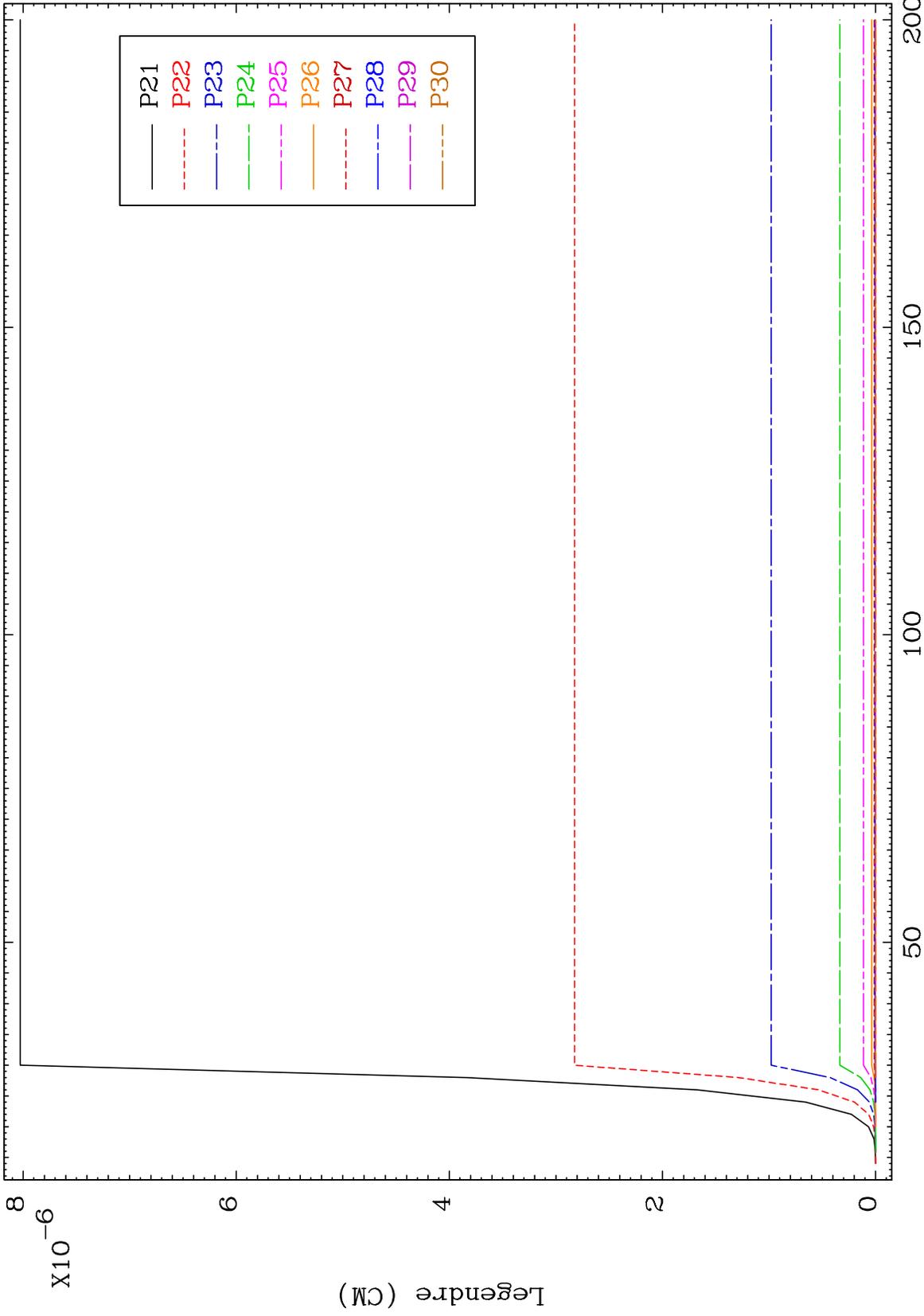
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



29

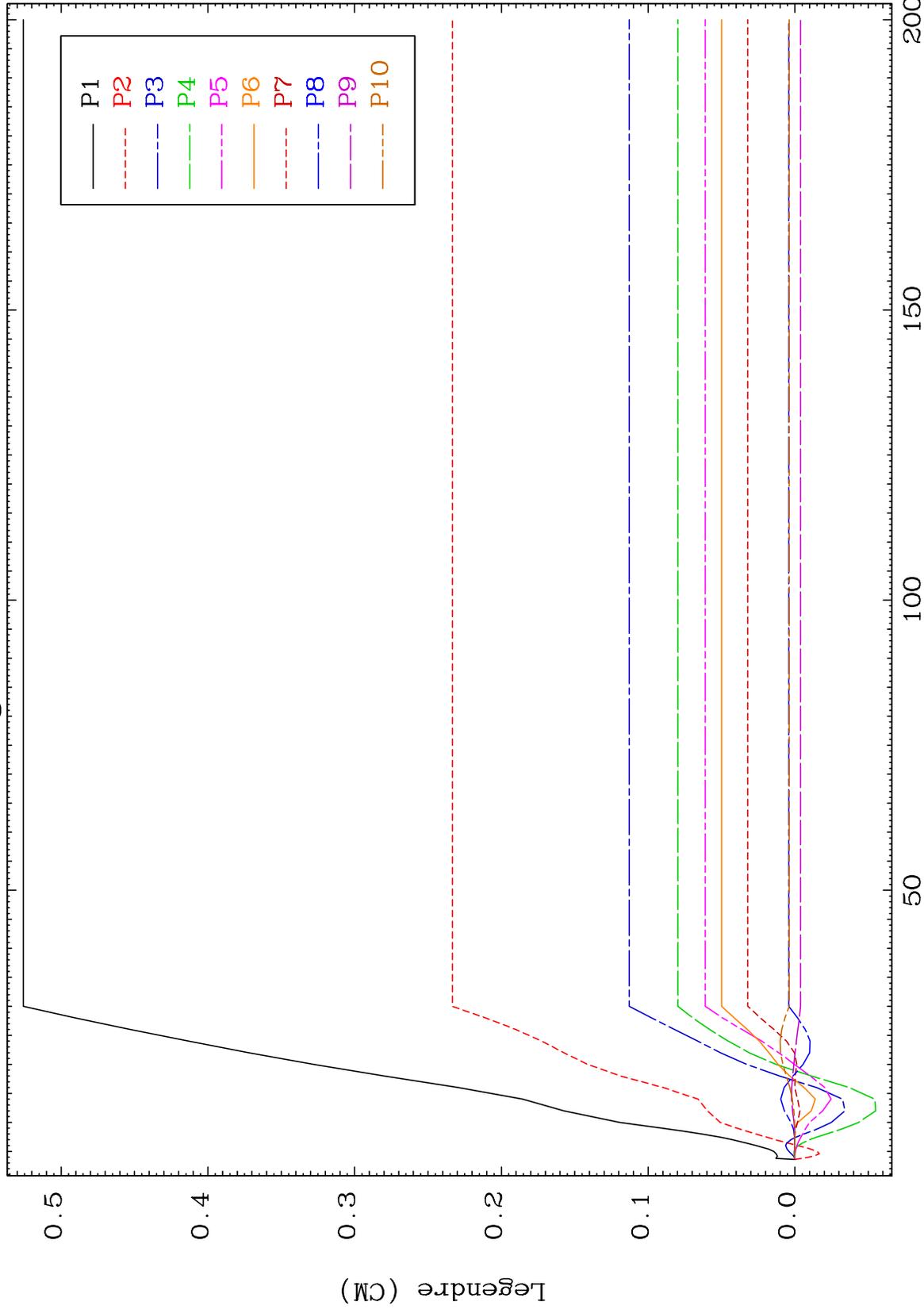
Incident Energy (MeV)

15-P -33

MAT 1531

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

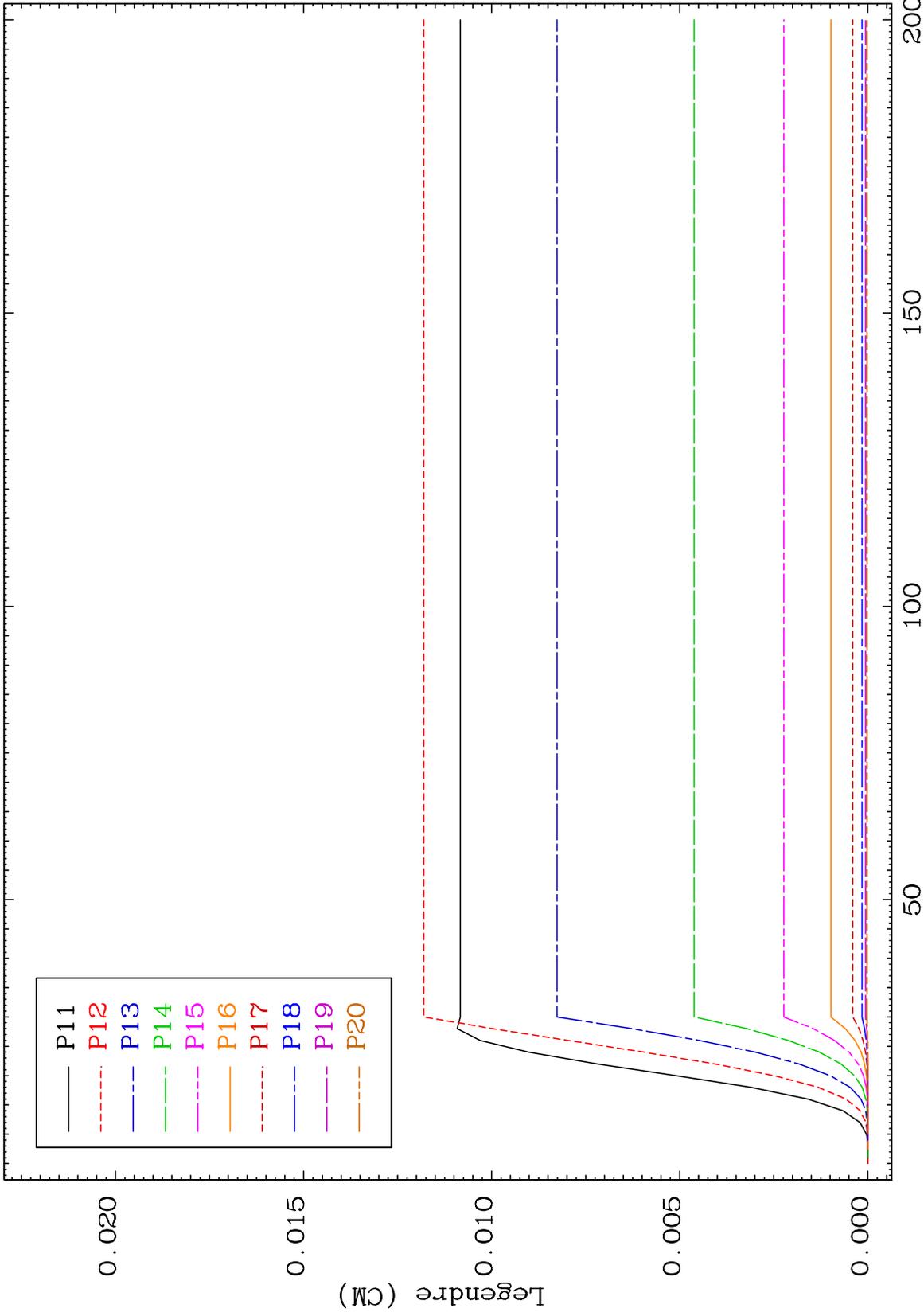
15-P -33



30

Incident Energy (MeV)

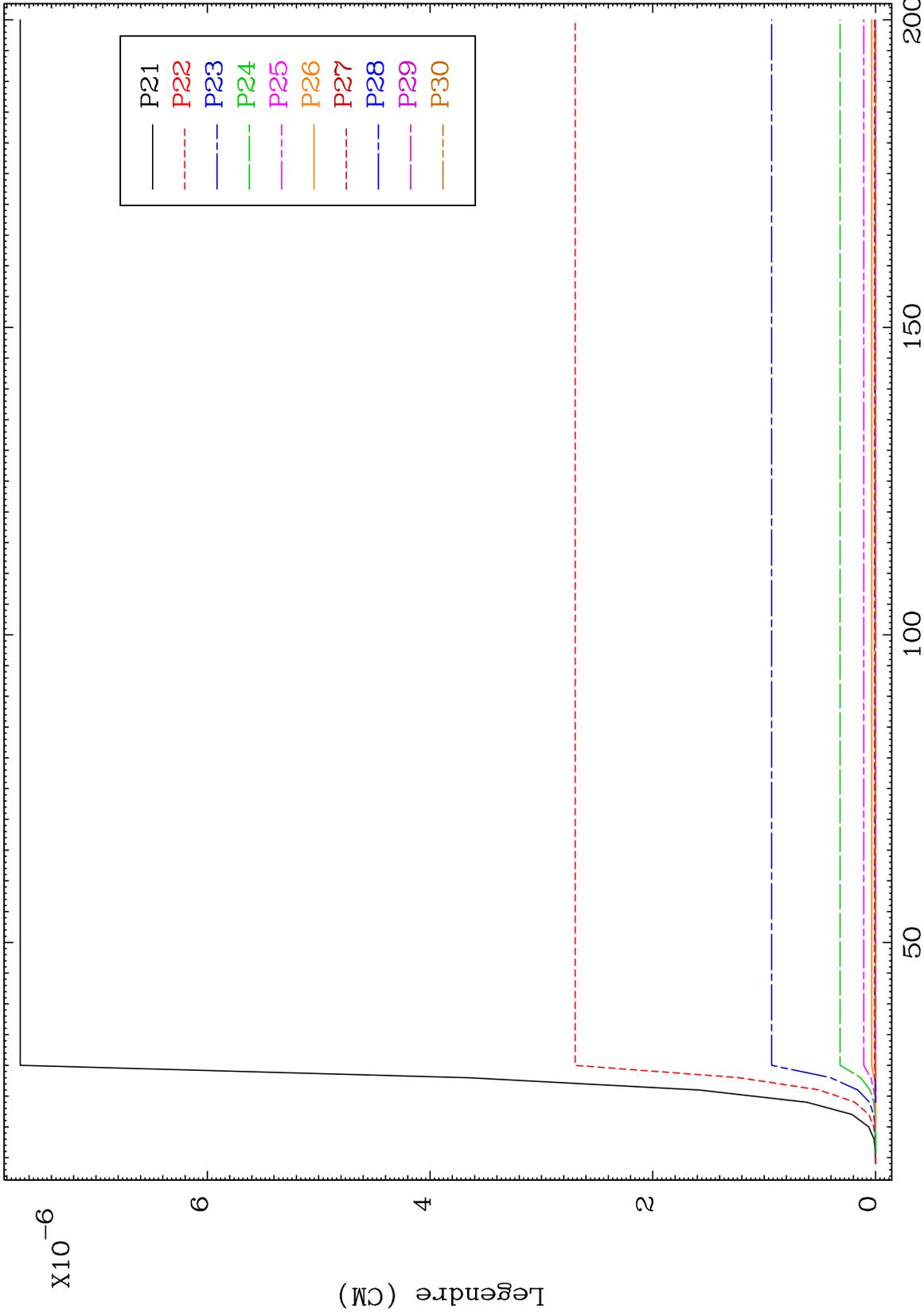
15-P -33



MAT 1531

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

15-P -33



32

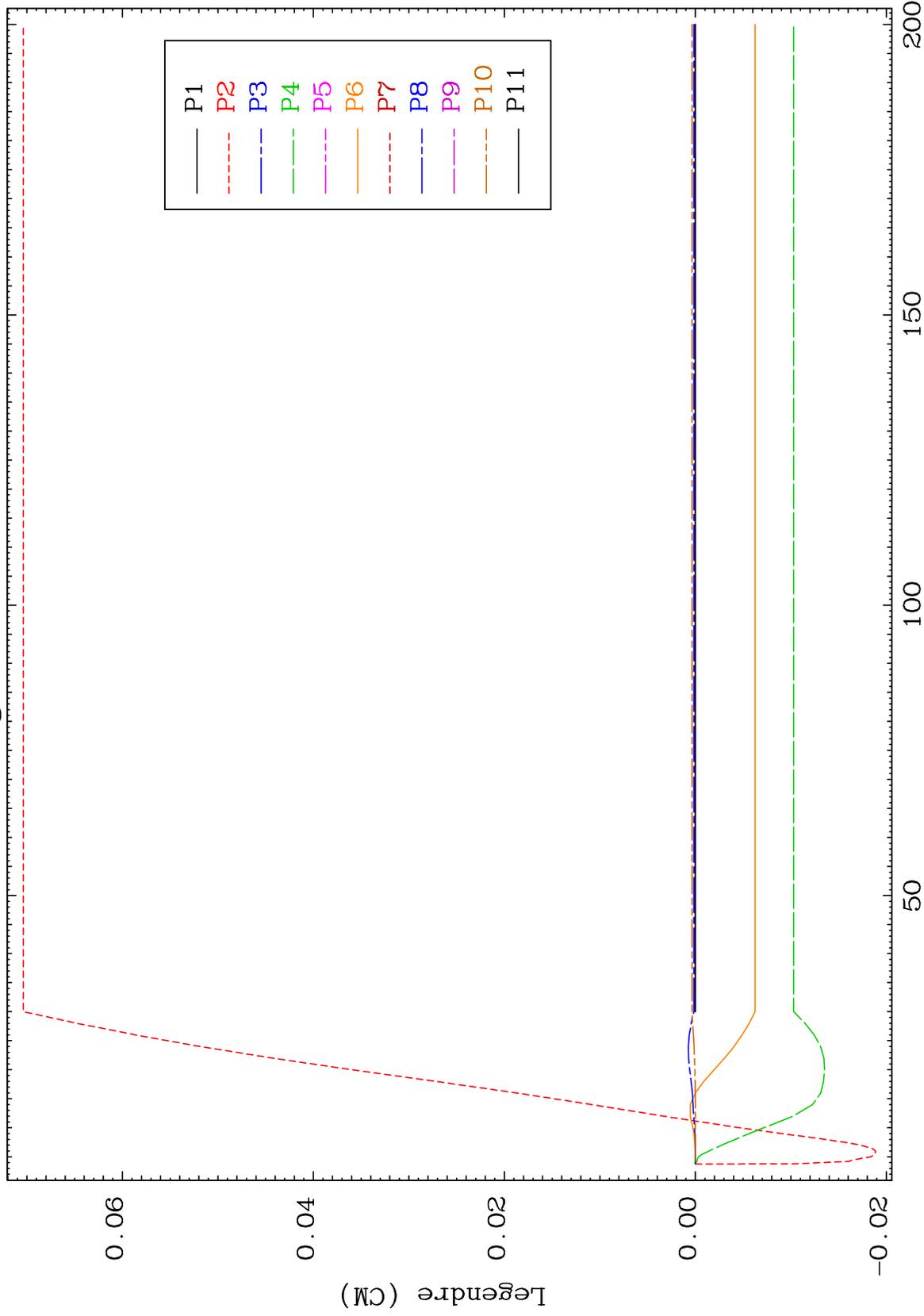
Incident Energy (MeV)

15-P -33

MAT 1531

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

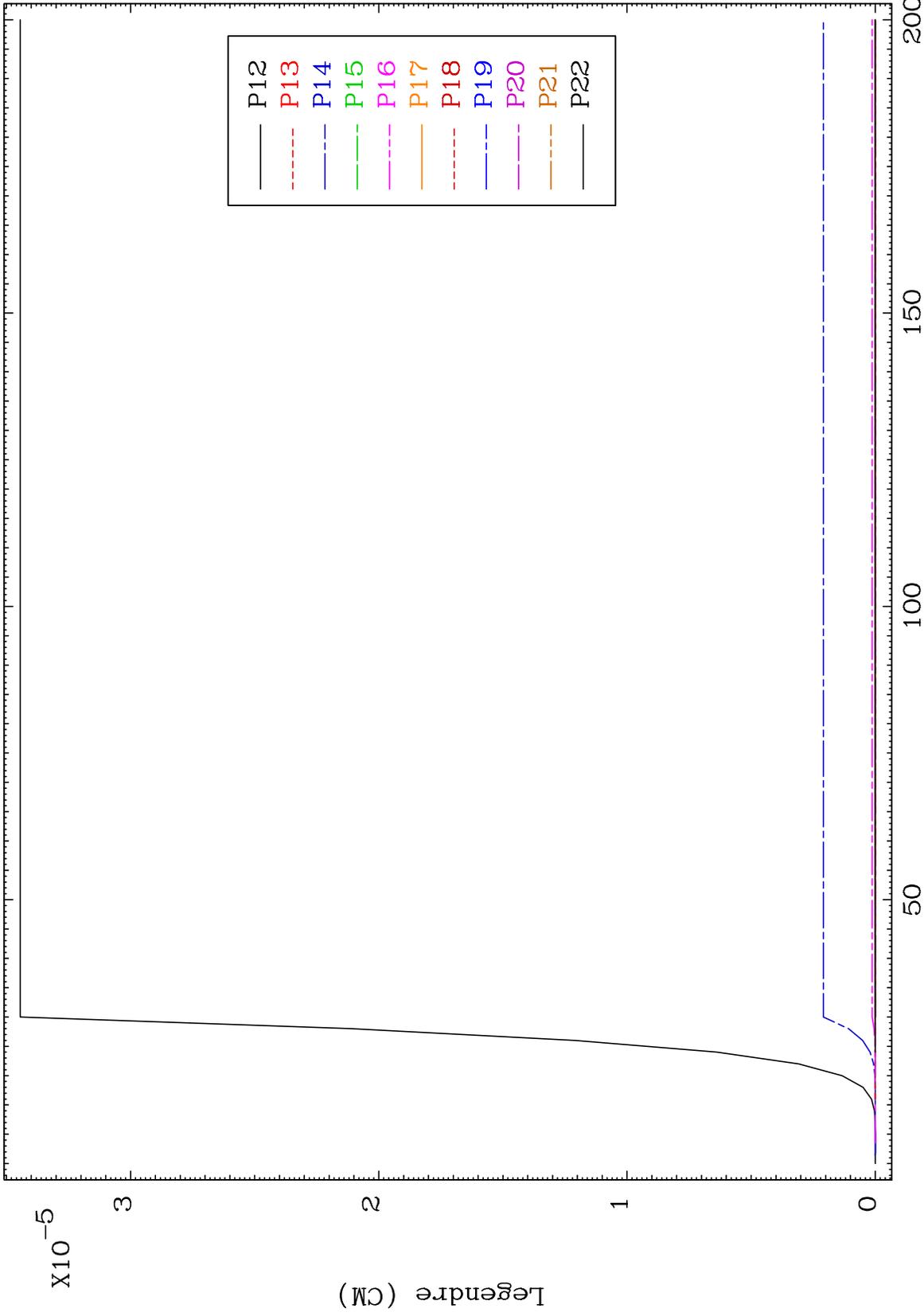
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33

Incident Energy (MeV)

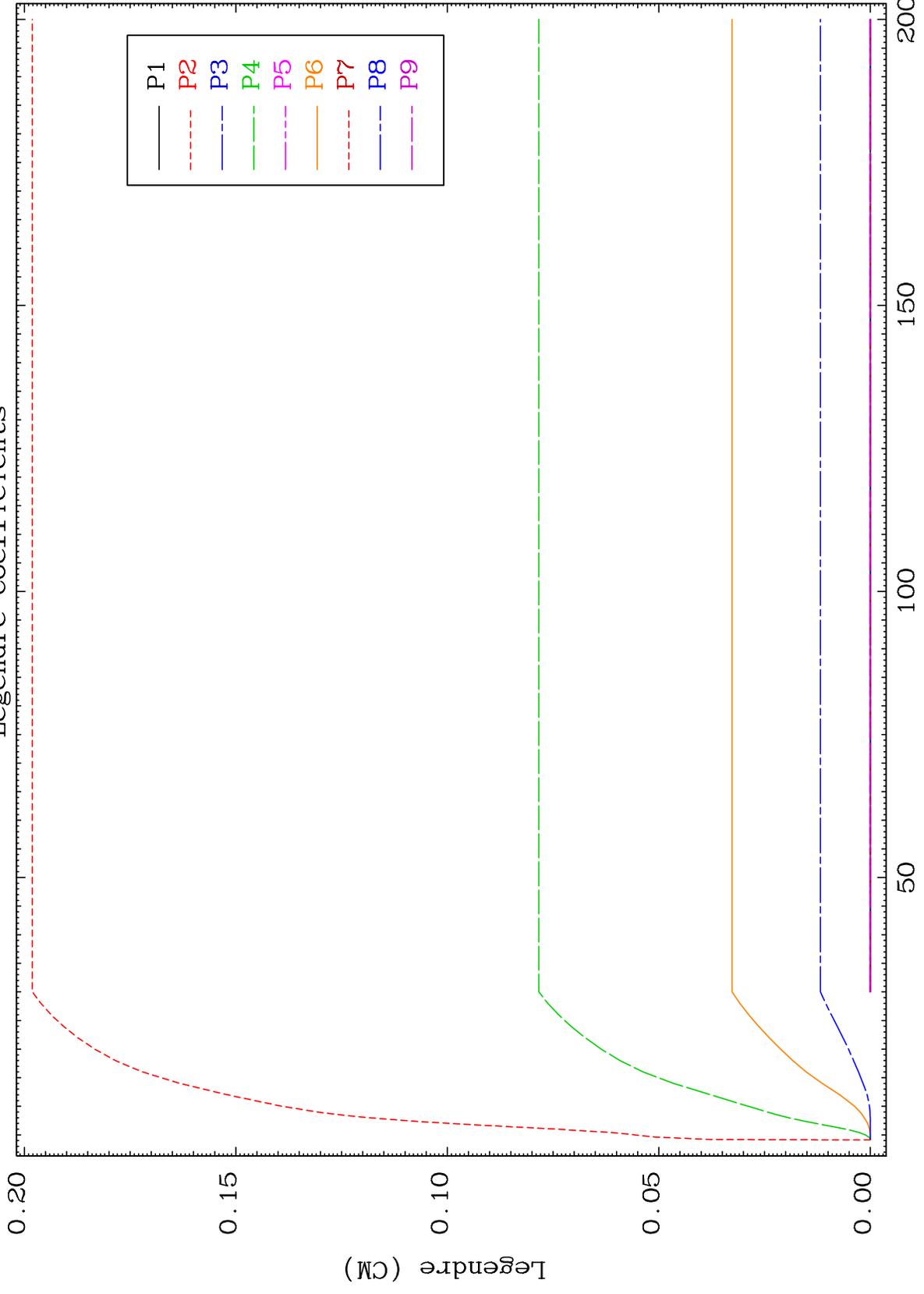
15-P -33



MAT 1531 MT= 57 (n,n') Level Legendre Coefficients

15-P -33

15-P -33



35

50

100

150

200

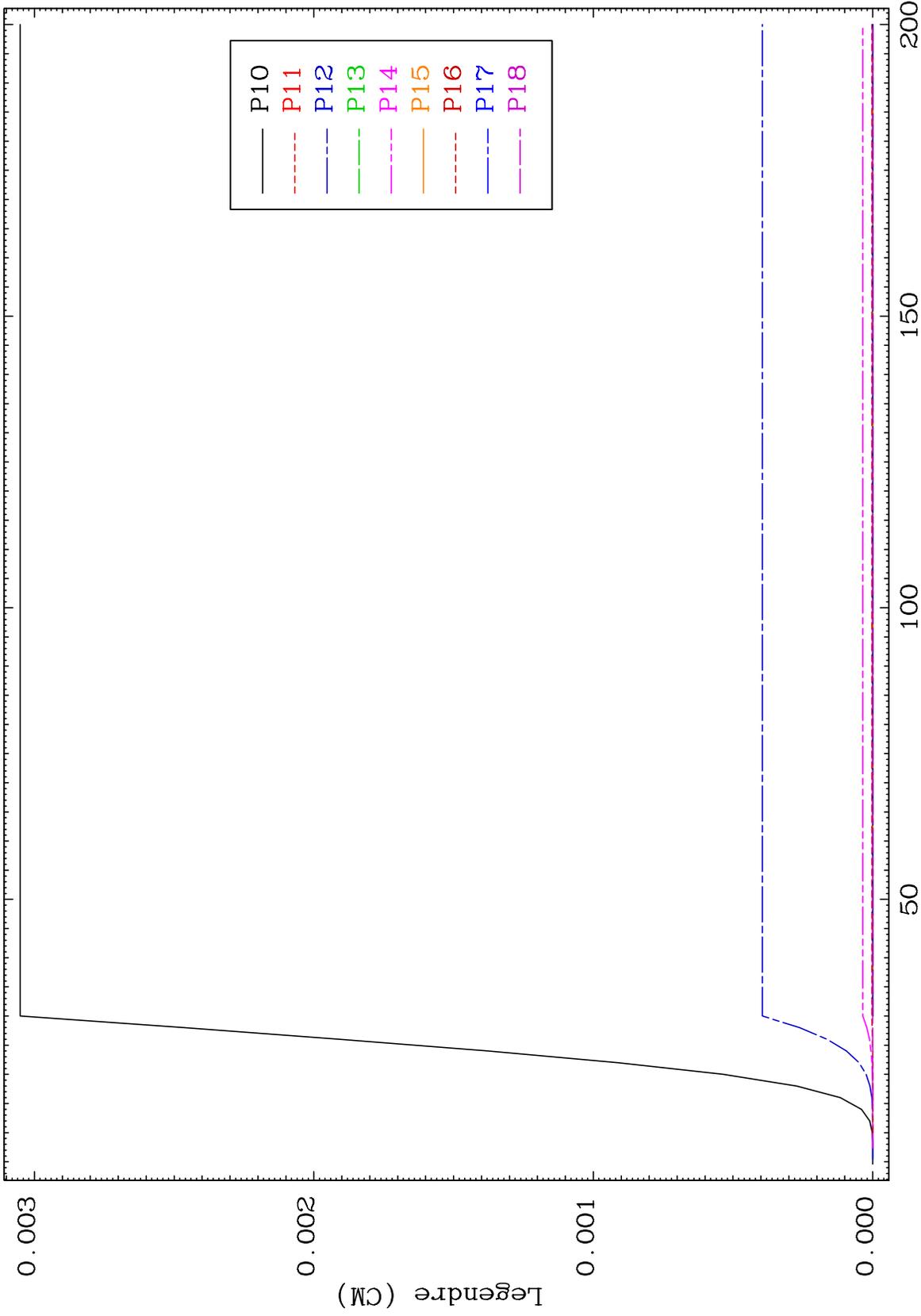
Legendre (CM)

Incident Energy (MeV)

MAT 1531

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

15-P -33



36

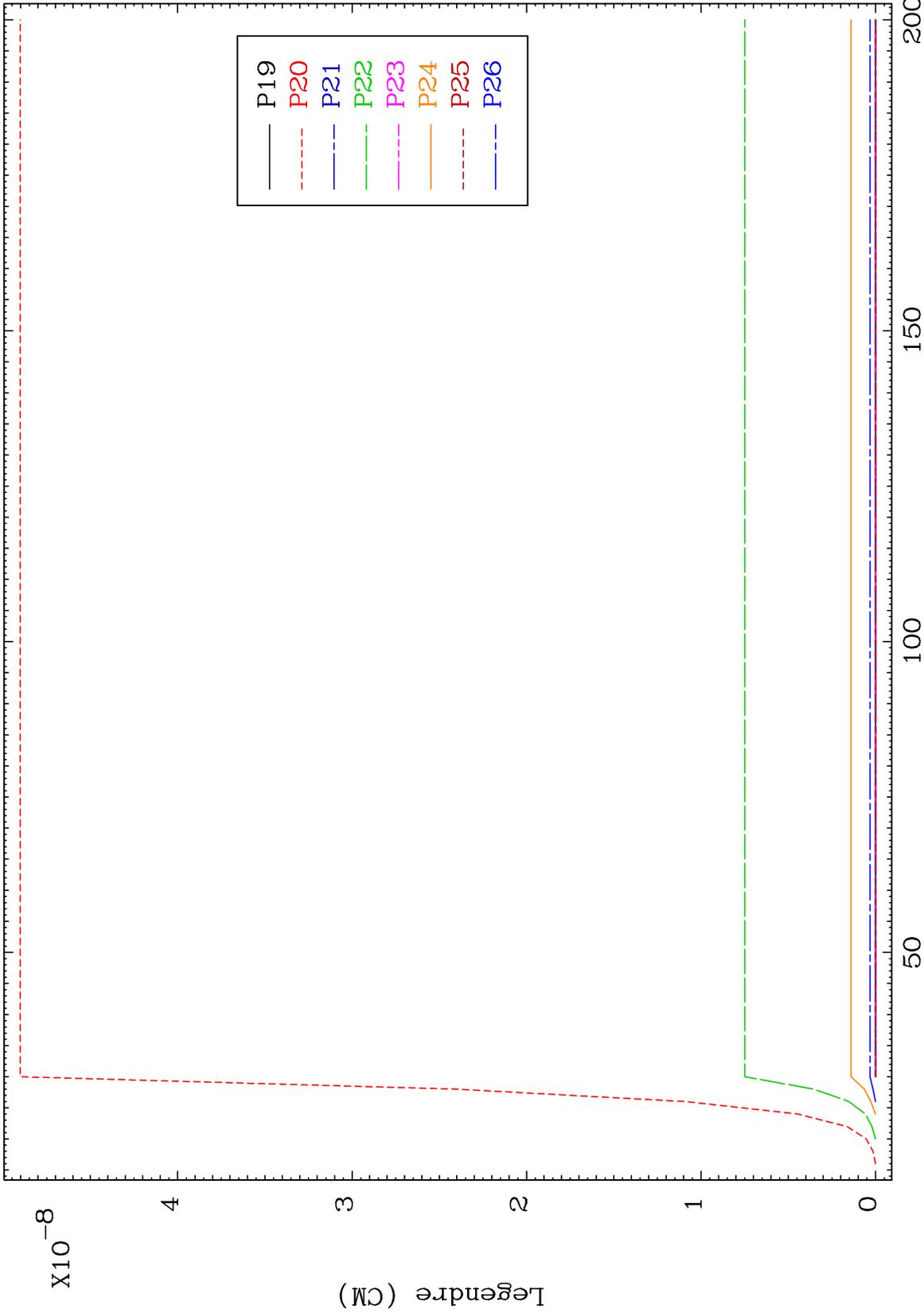
Incident Energy (MeV)

15-P -33

MAT 1531 MT= 57 (n,n') Level Legendre Coefficients

15-P -33

15-P -33

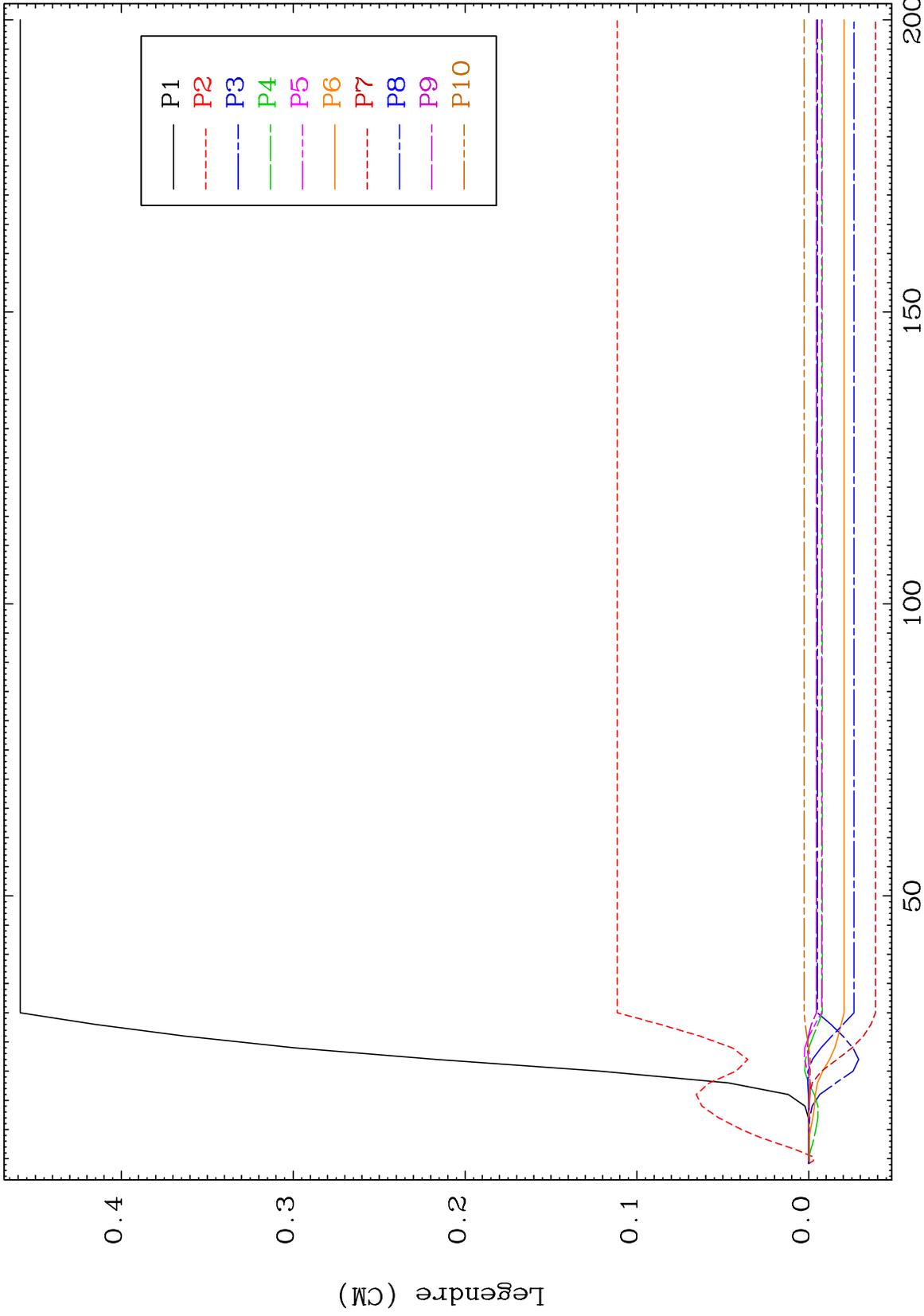


37

MAT 1531

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

15-P -33



38

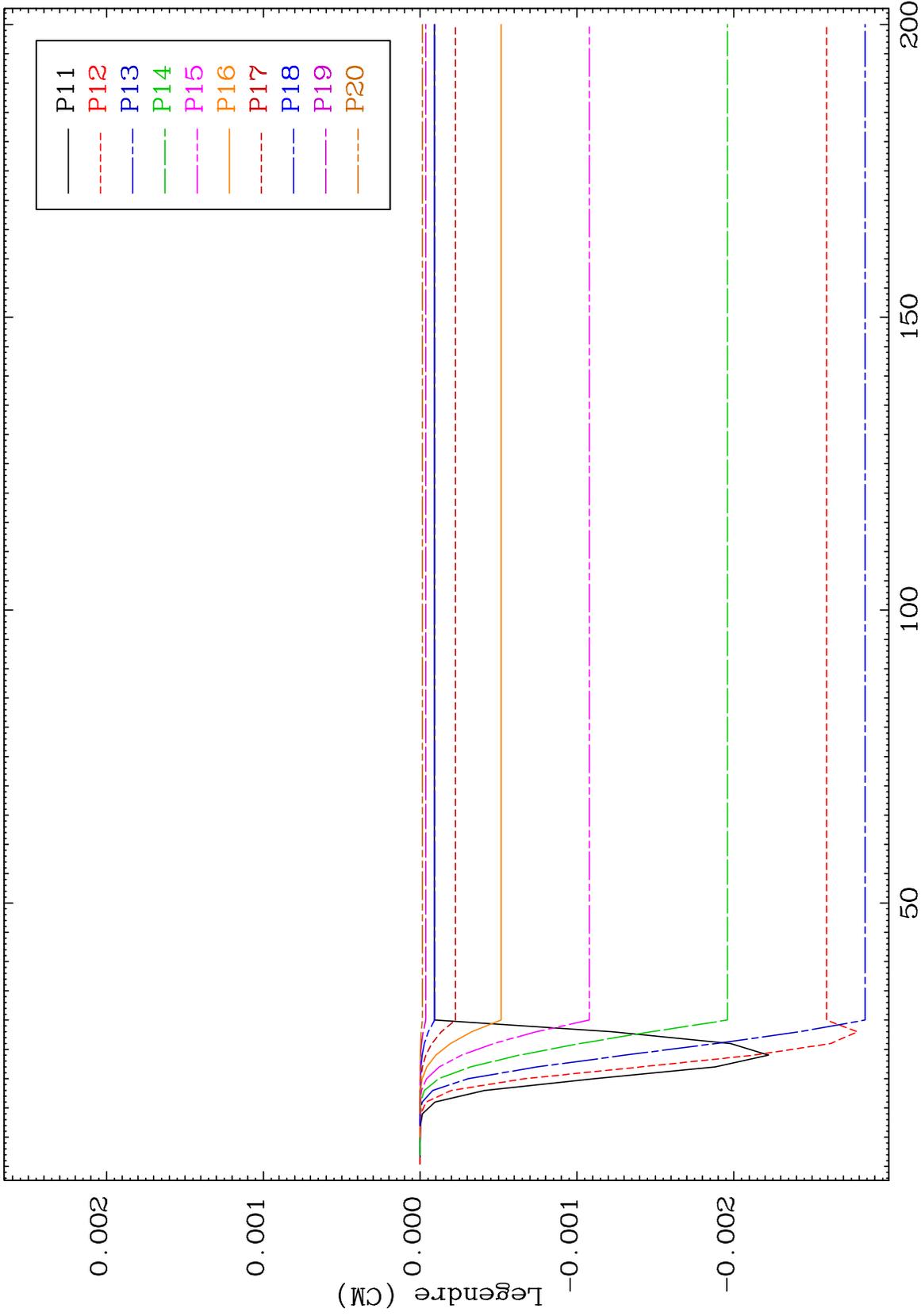
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33

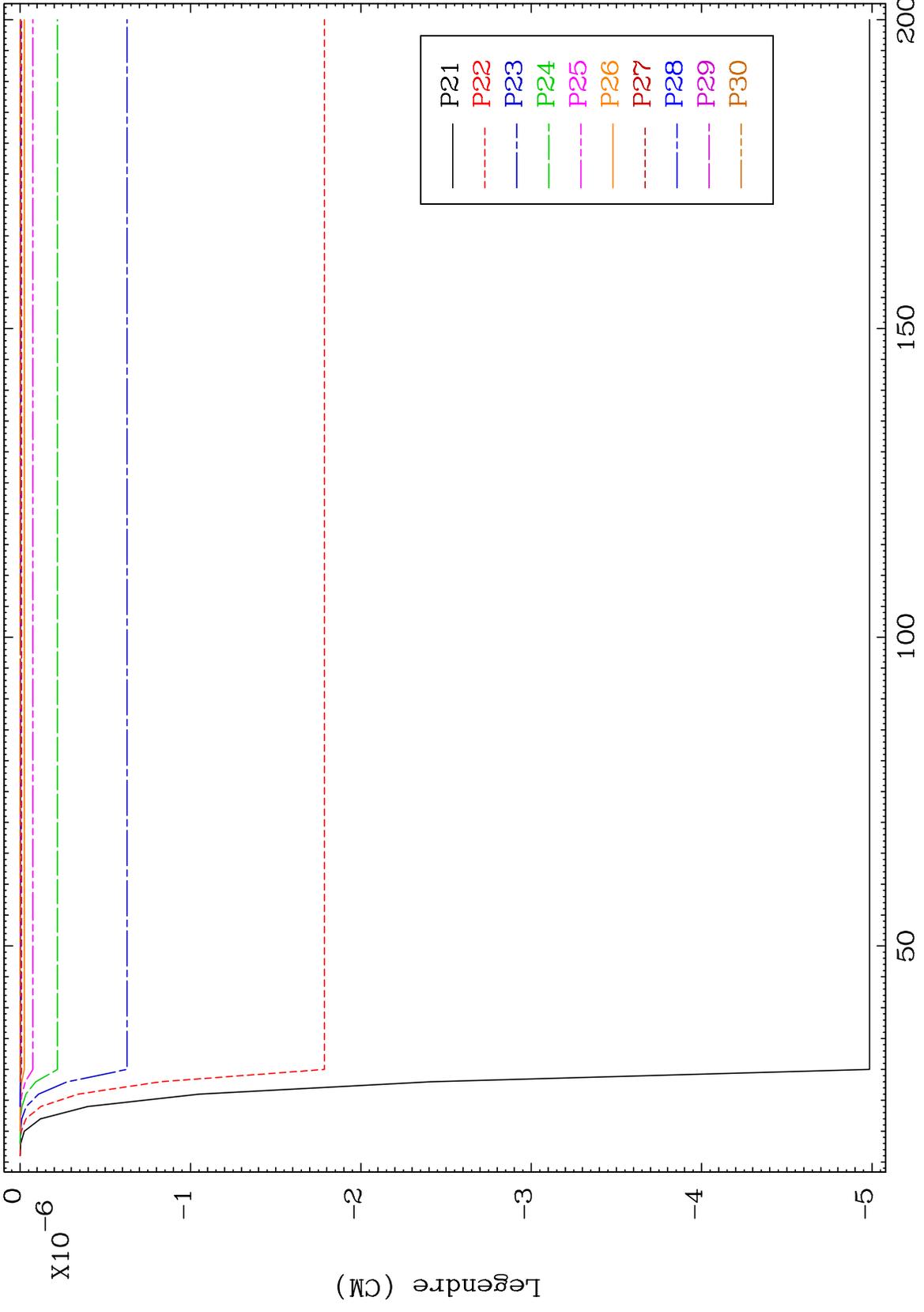


39

Incident Energy (MeV)

15-P -33

MAT 1531 MT= 58 (n,n') Level Legendre Coefficients 15-P -33

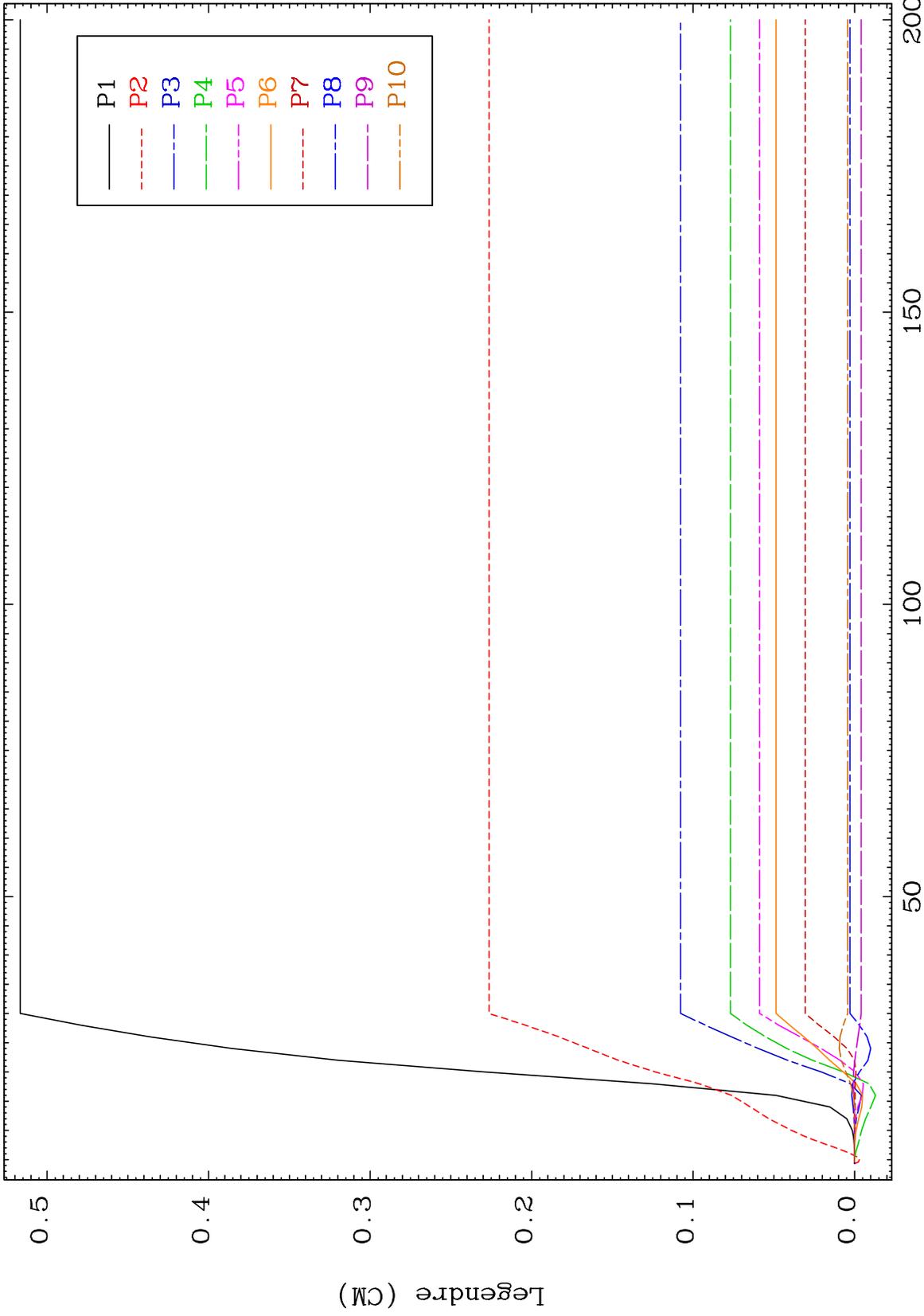


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MAT 1531

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

15-P -33



41

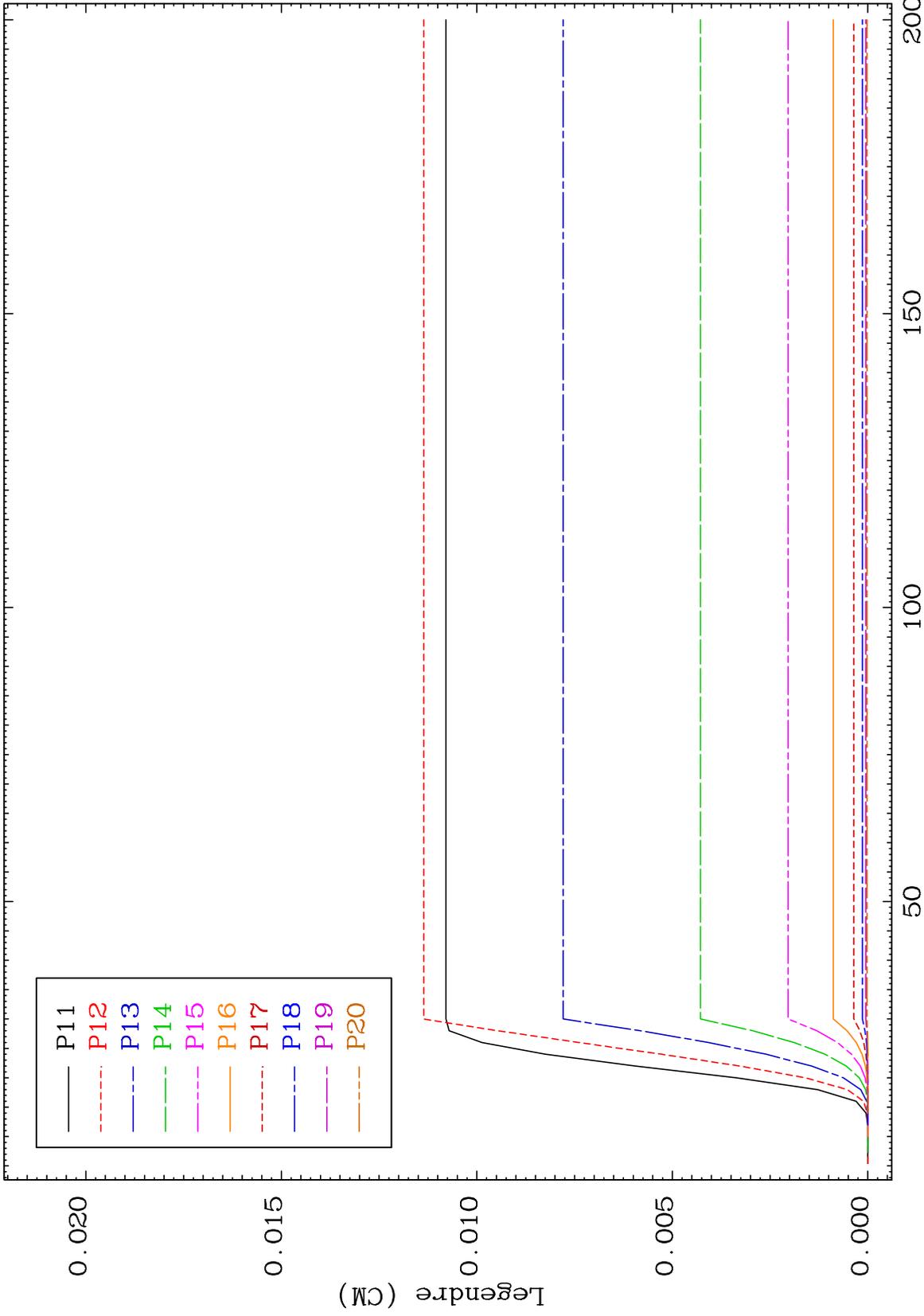
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



42

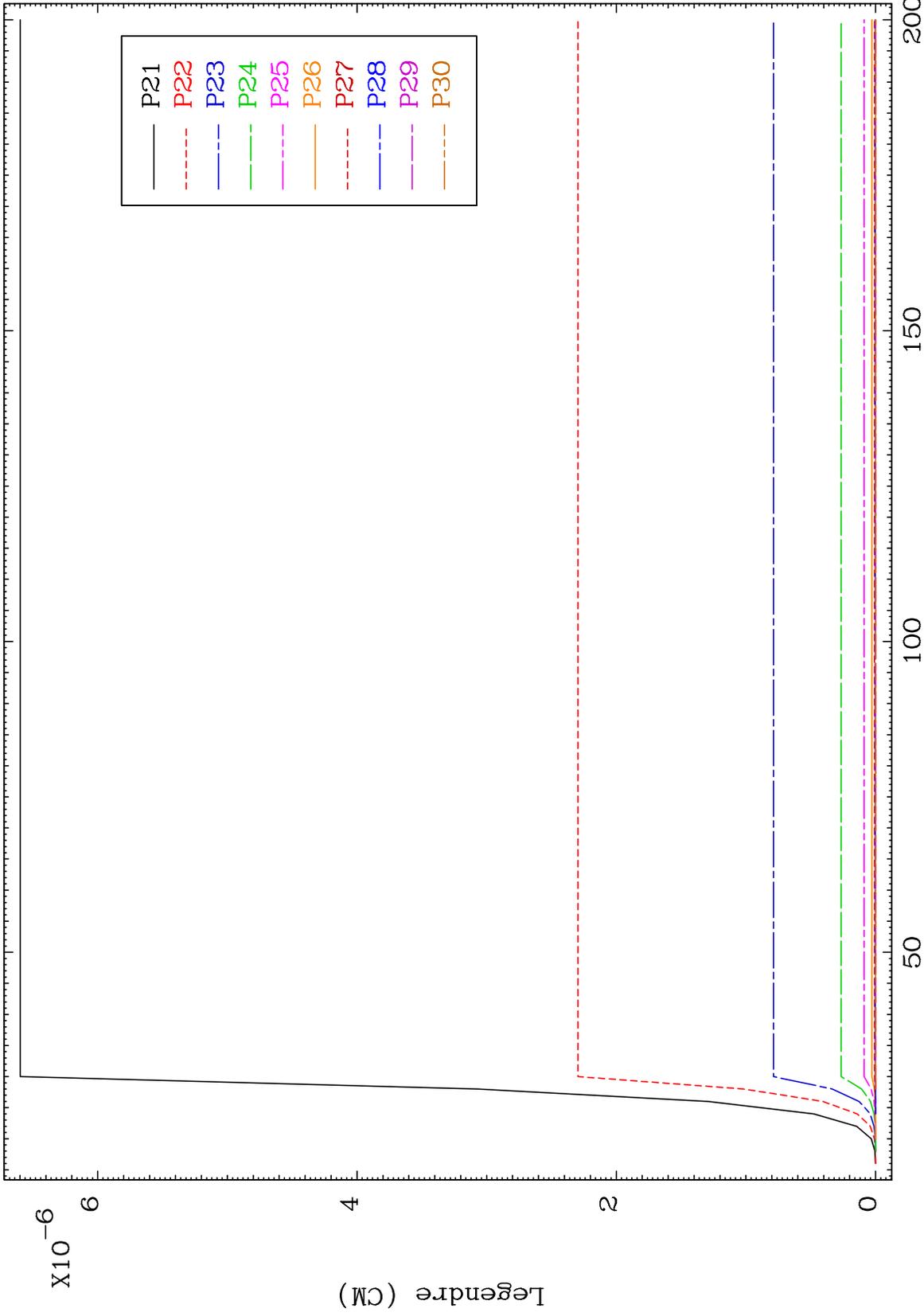
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



43

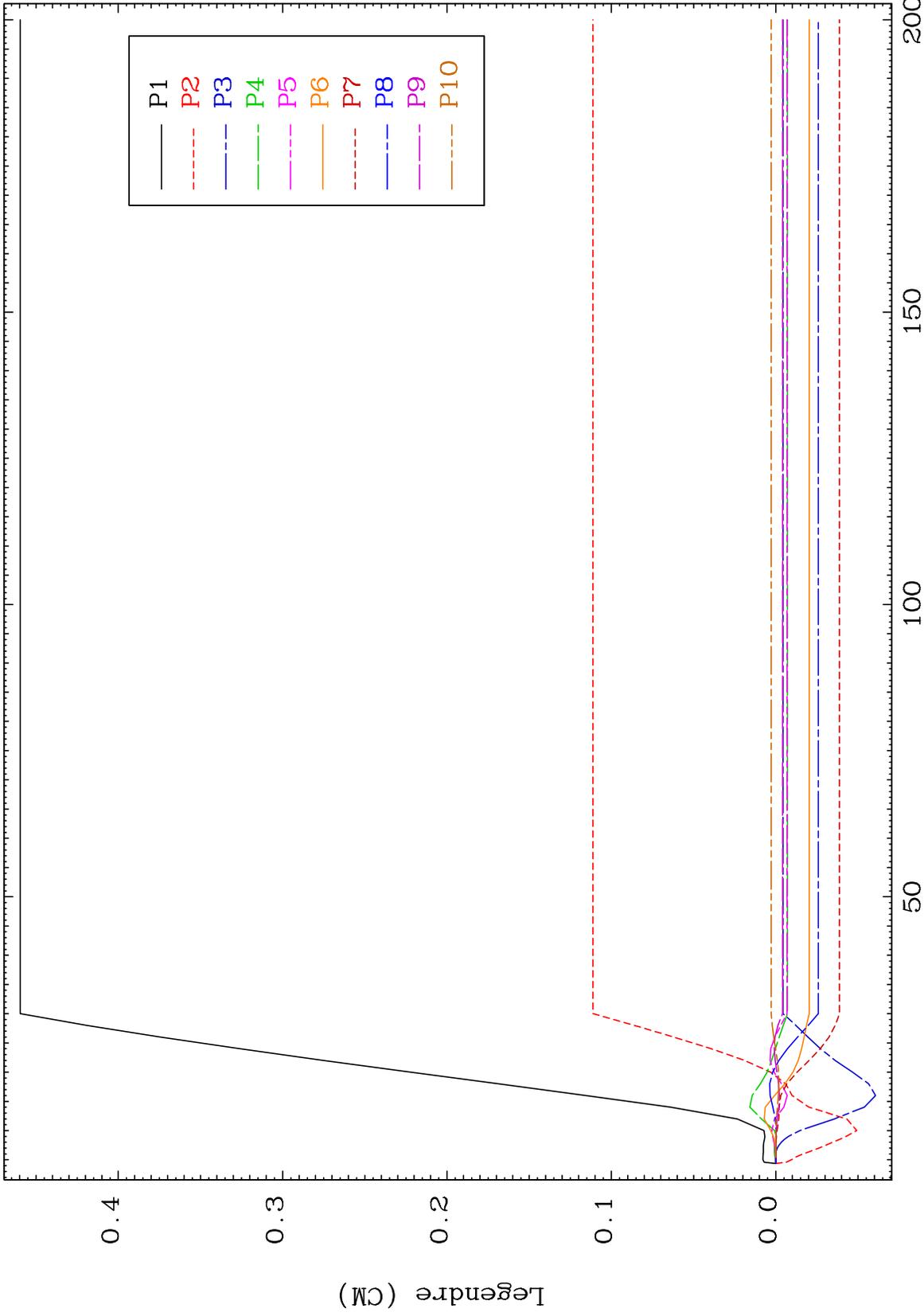
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



44

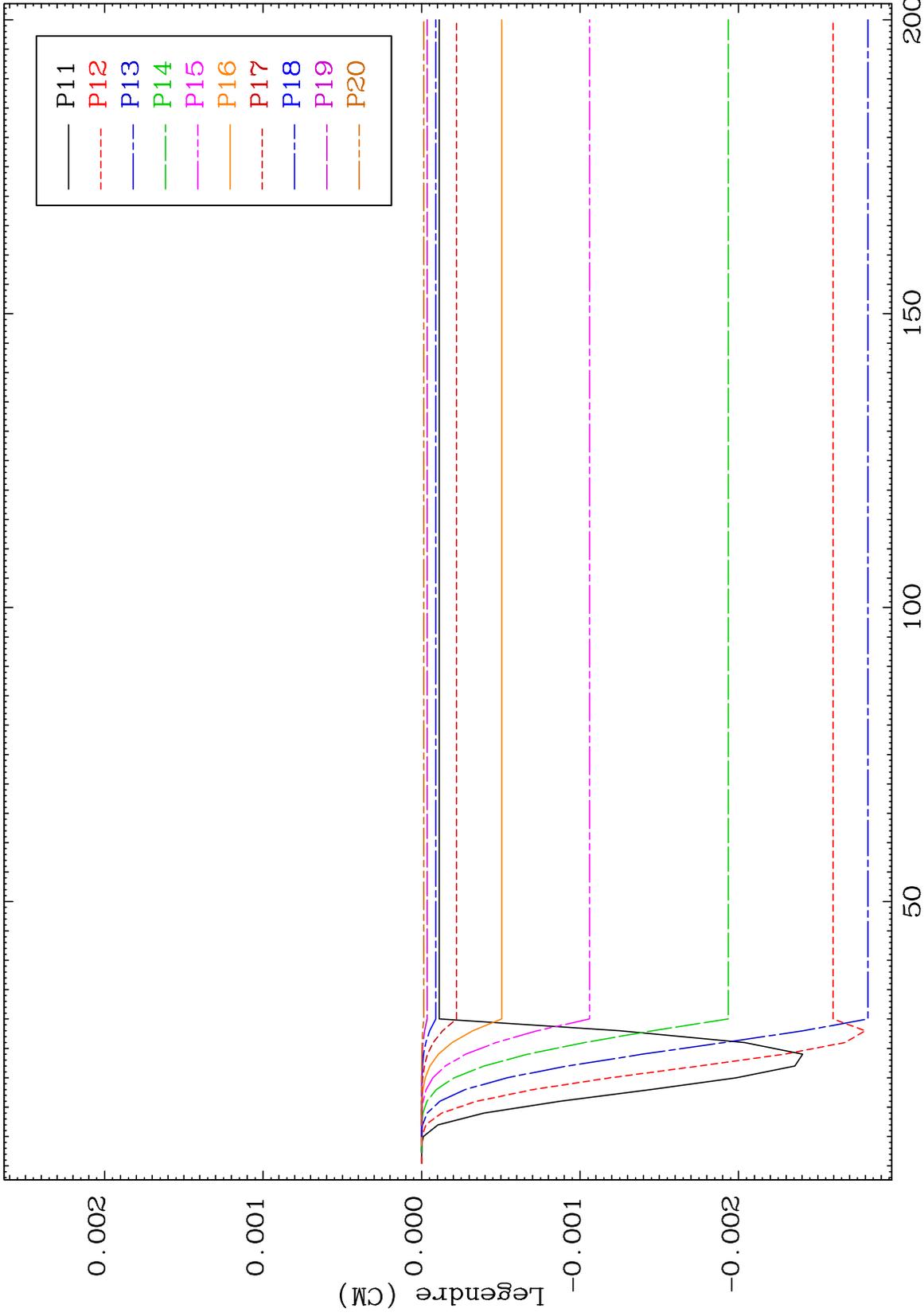
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33

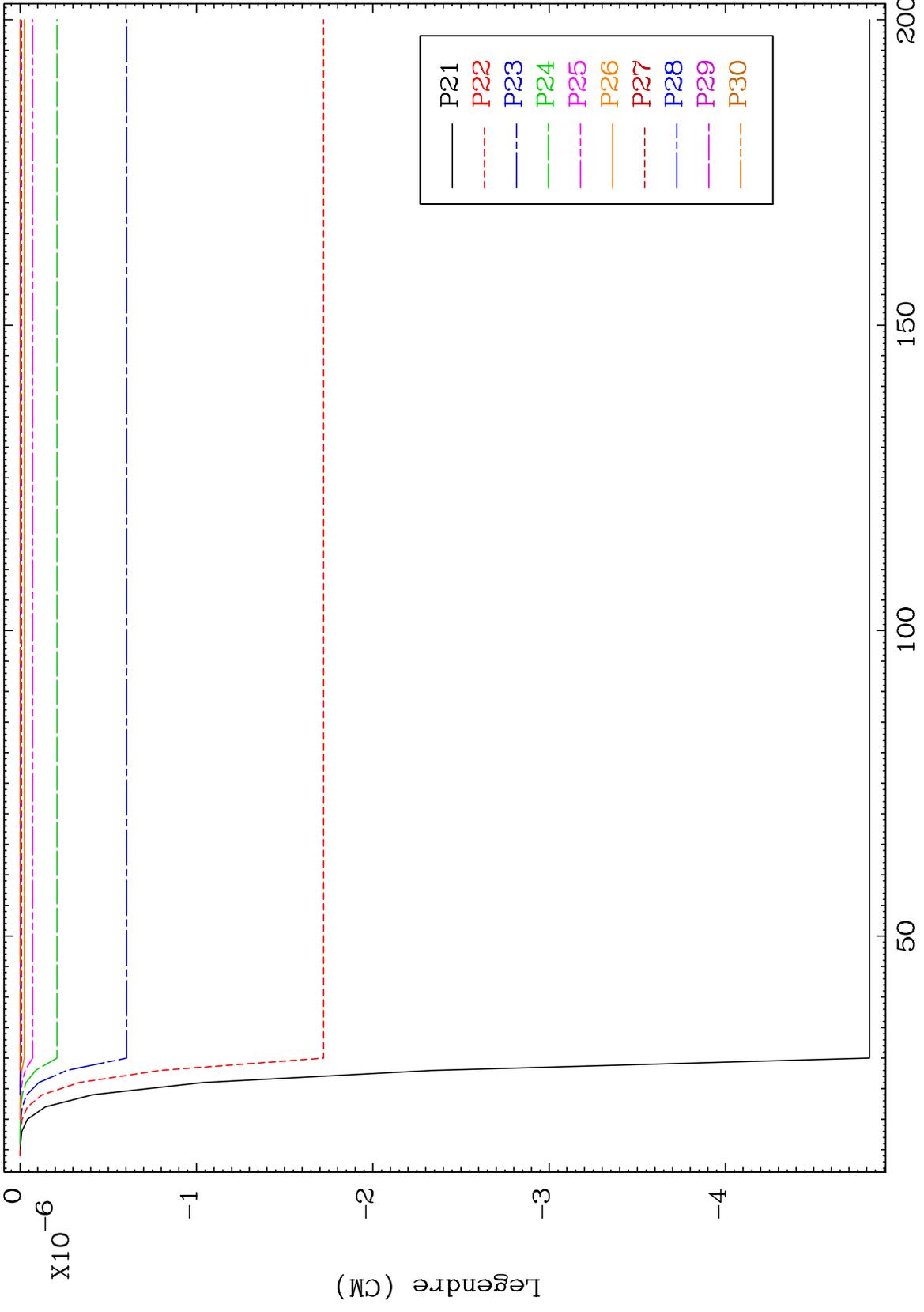


45

Incident Energy (MeV)

15-P -33

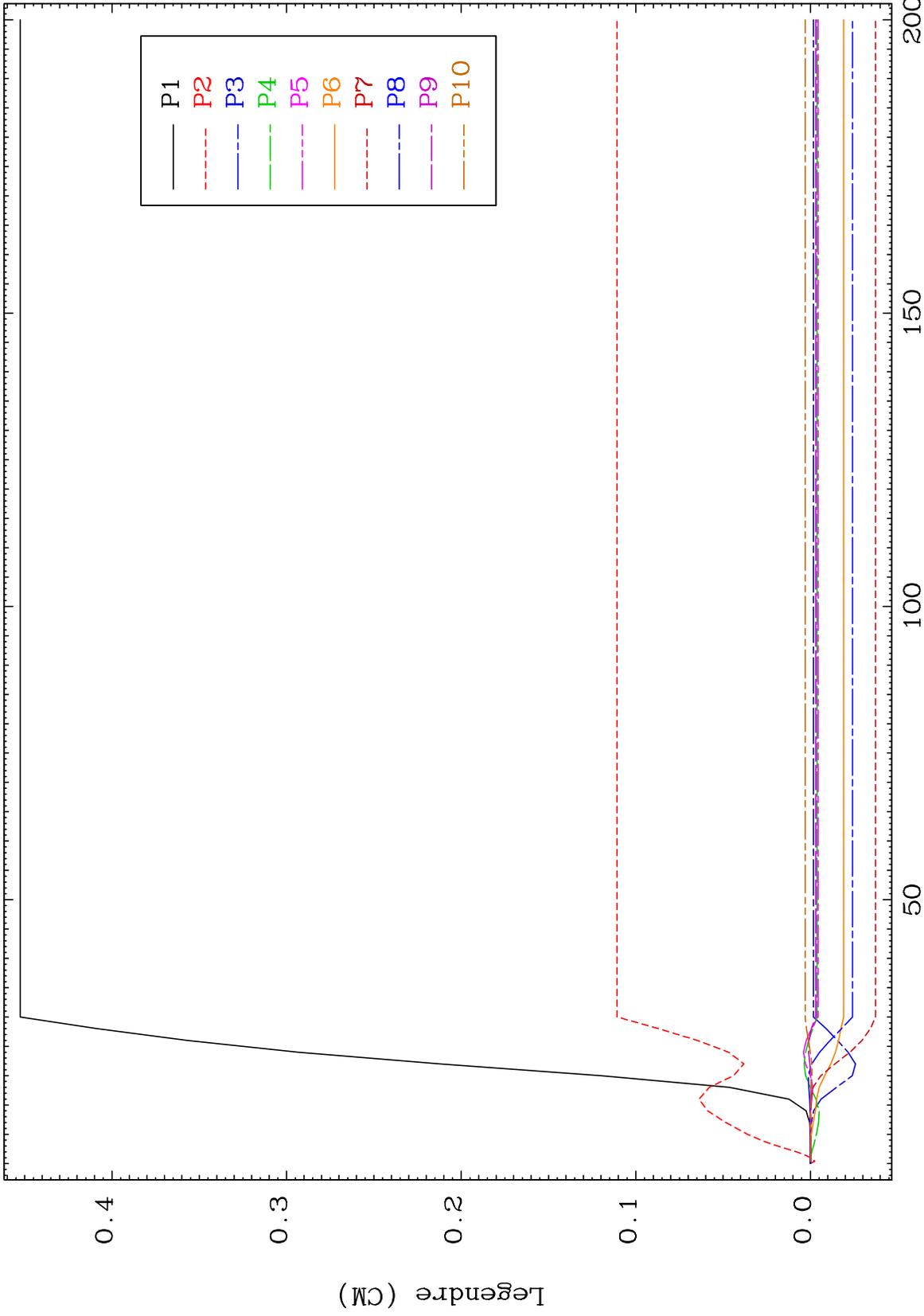
MAT 1531 MT= 60 (n,n') Level Legendre Coefficients 15-P -33



MAT 1531

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

15-P -33



47

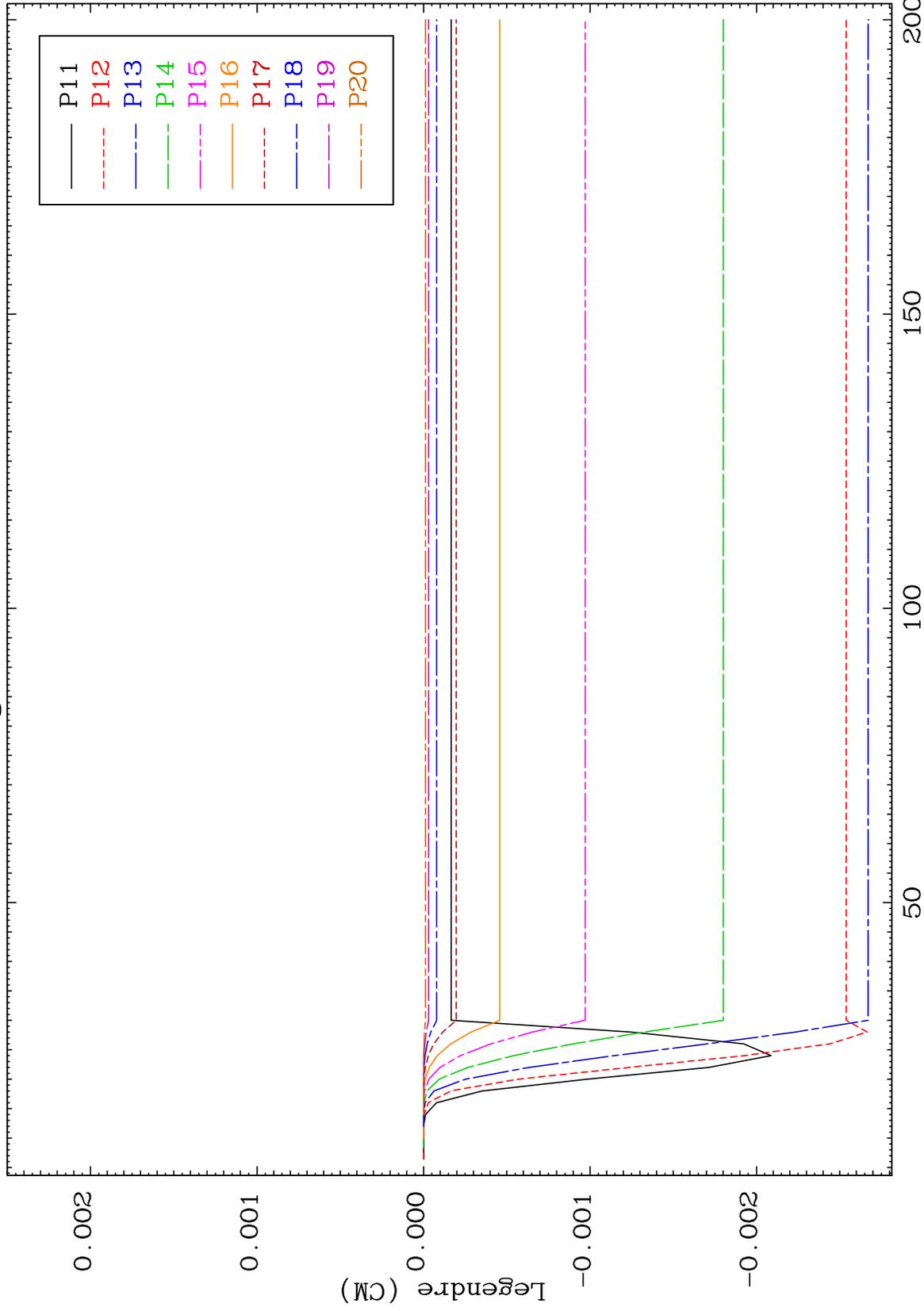
Incident Energy (MeV)

15-P -33

MAT 1531

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

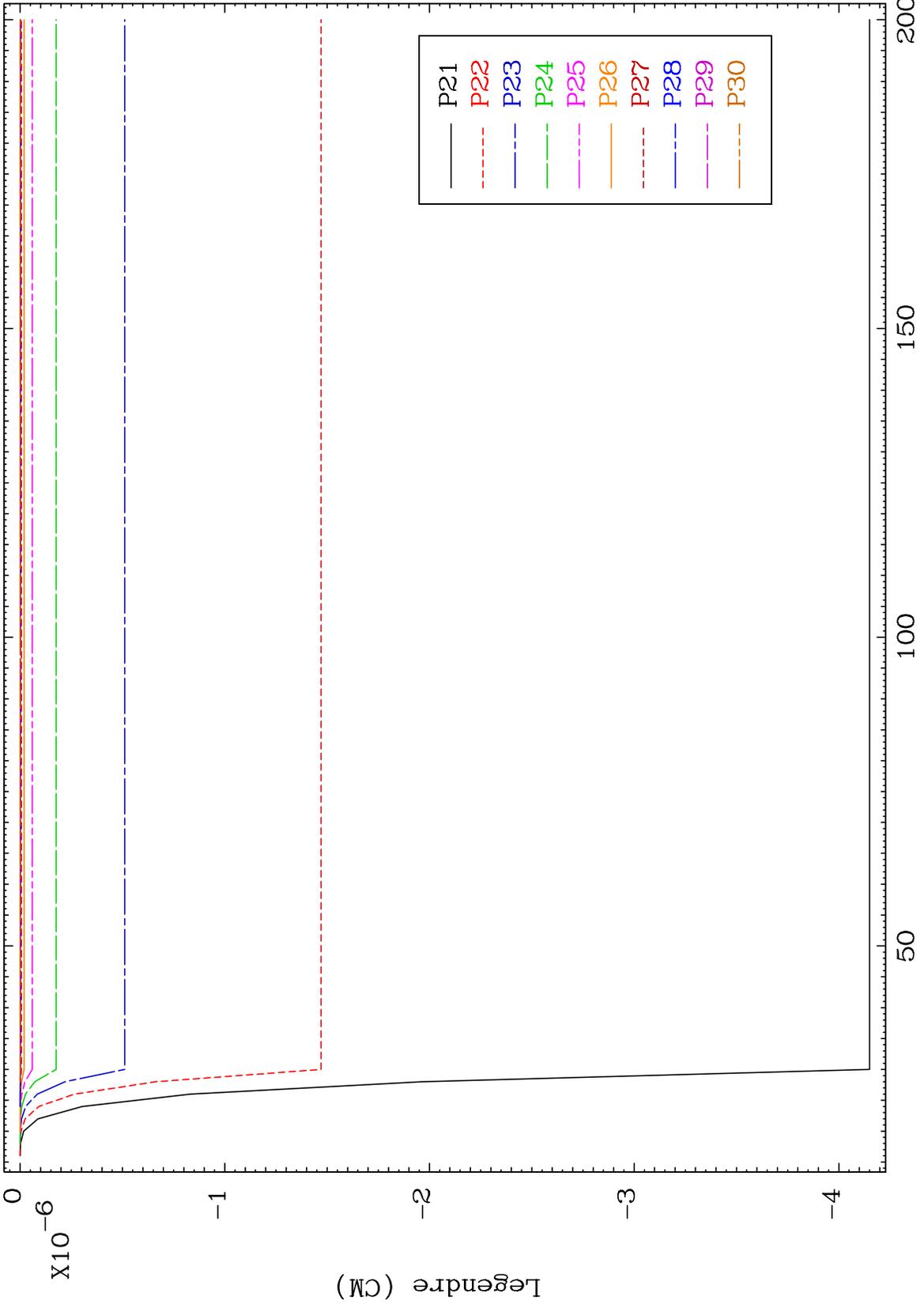
15-P -33



48

15-P -33

MAT 1531 MT= 61 (n,n') Level Legendre Coefficients 15-P -33

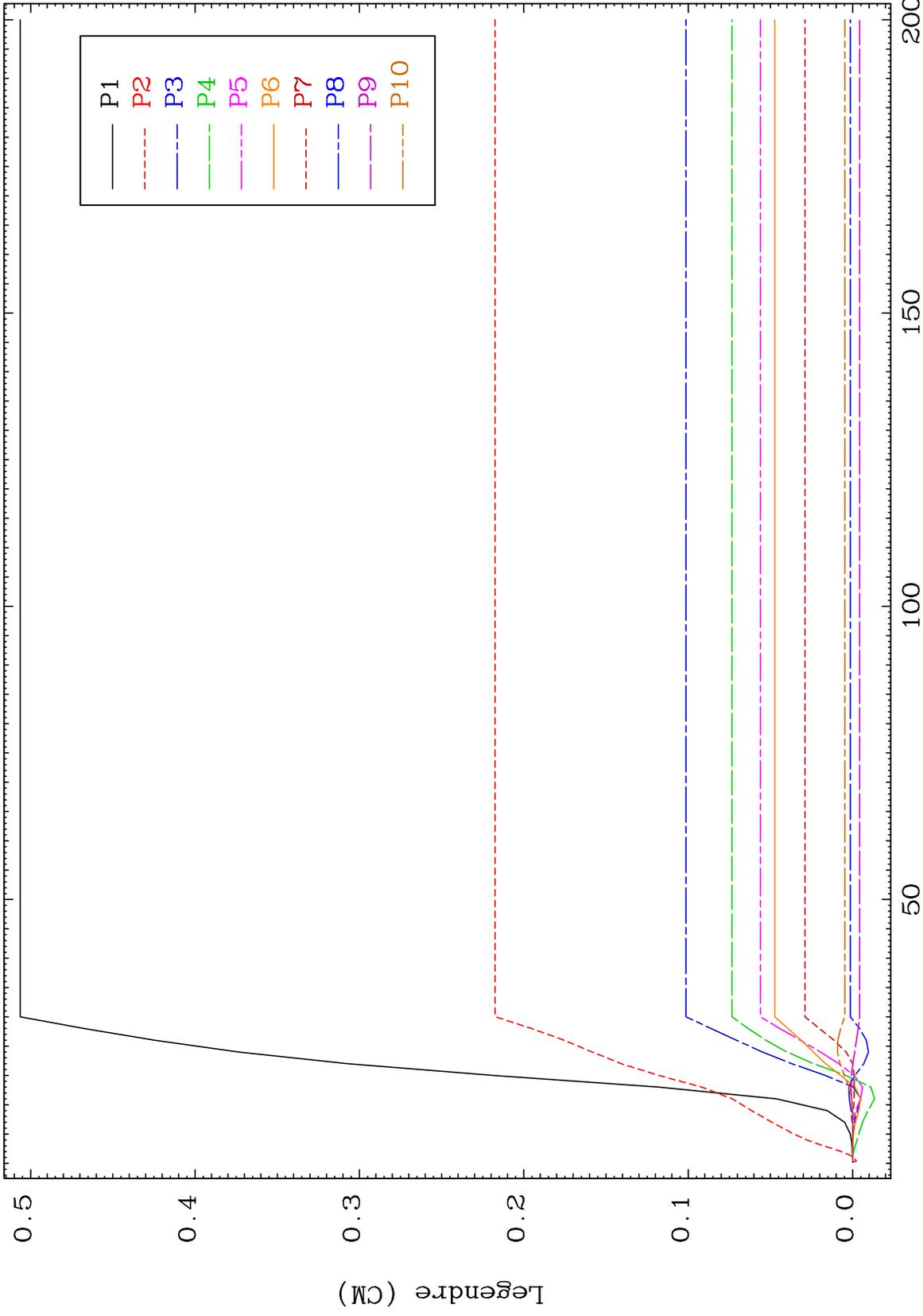


49 Incident Energy (MeV) 15-P -33

MAT 1531

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

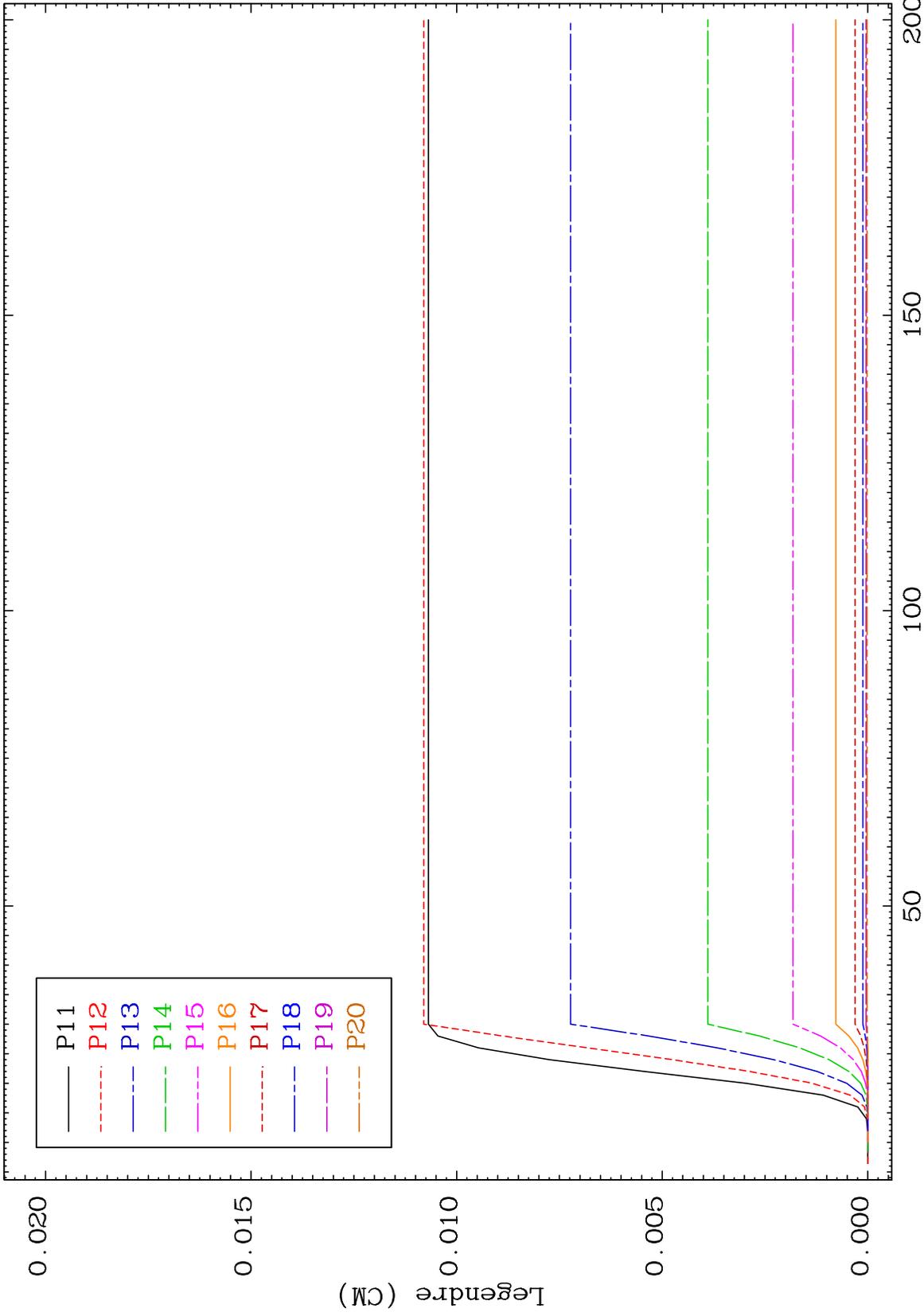
15-P -33



50

Incident Energy (MeV)

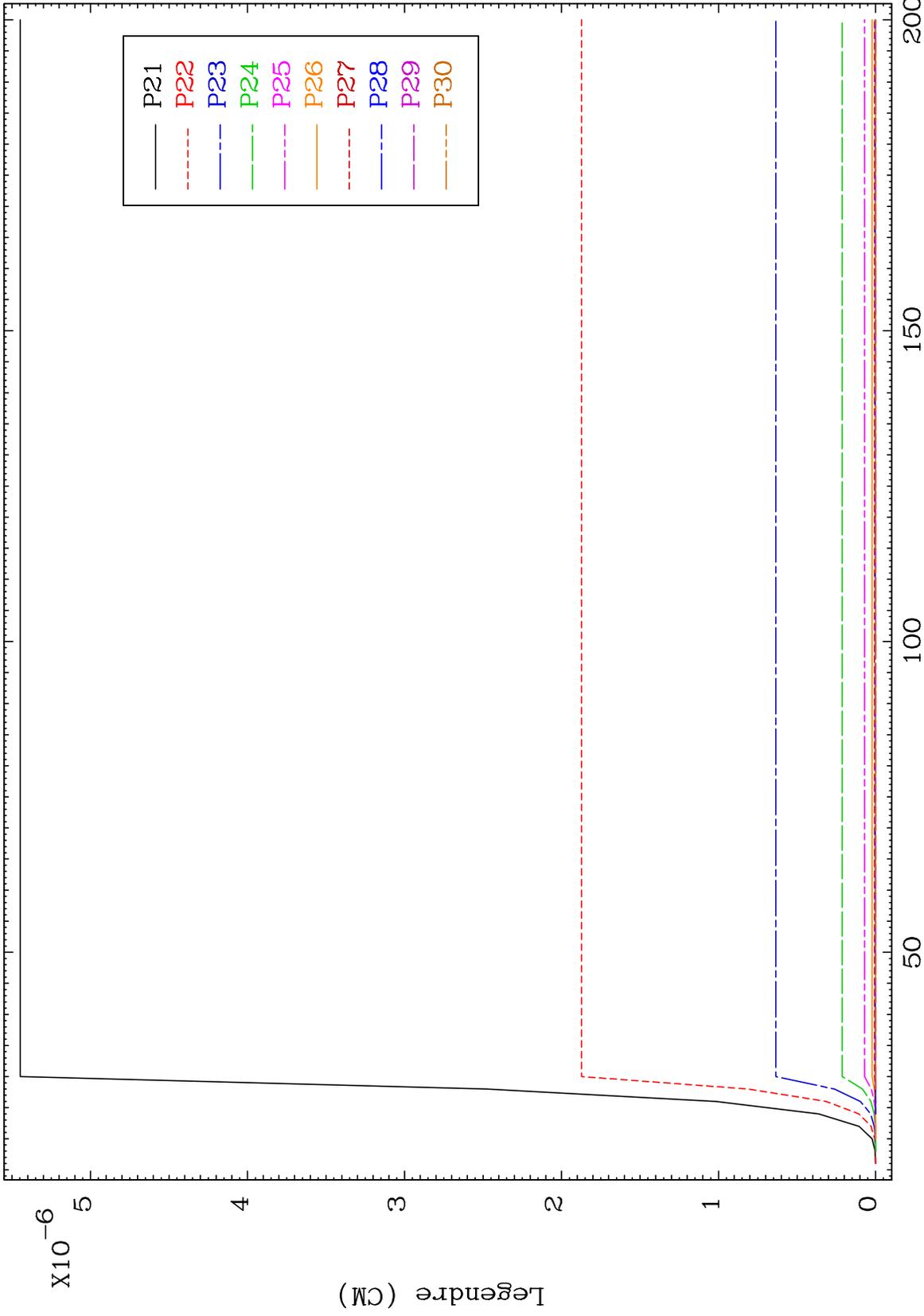
15-P -33



MAT 1531

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

15-P -33



52

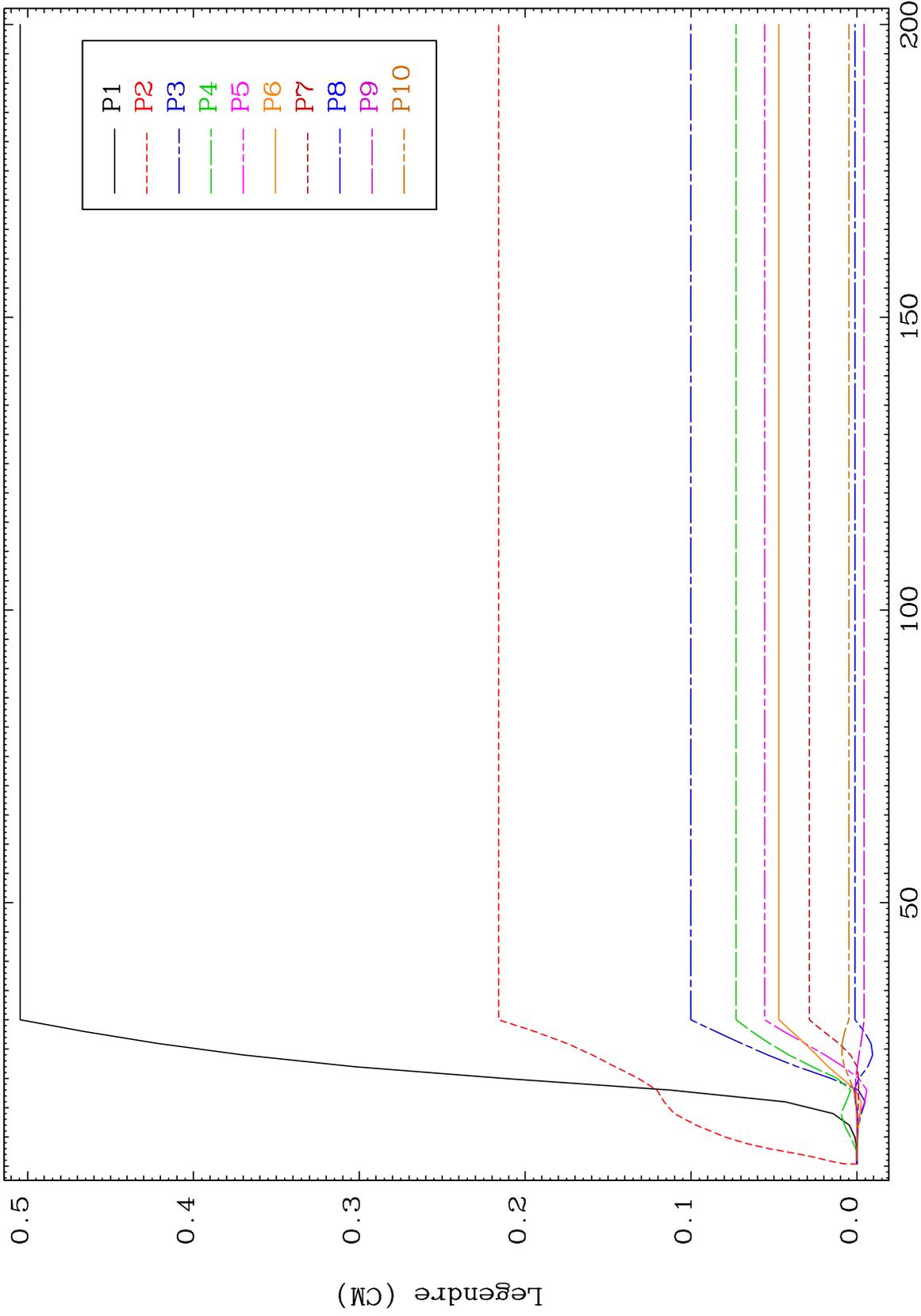
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



53

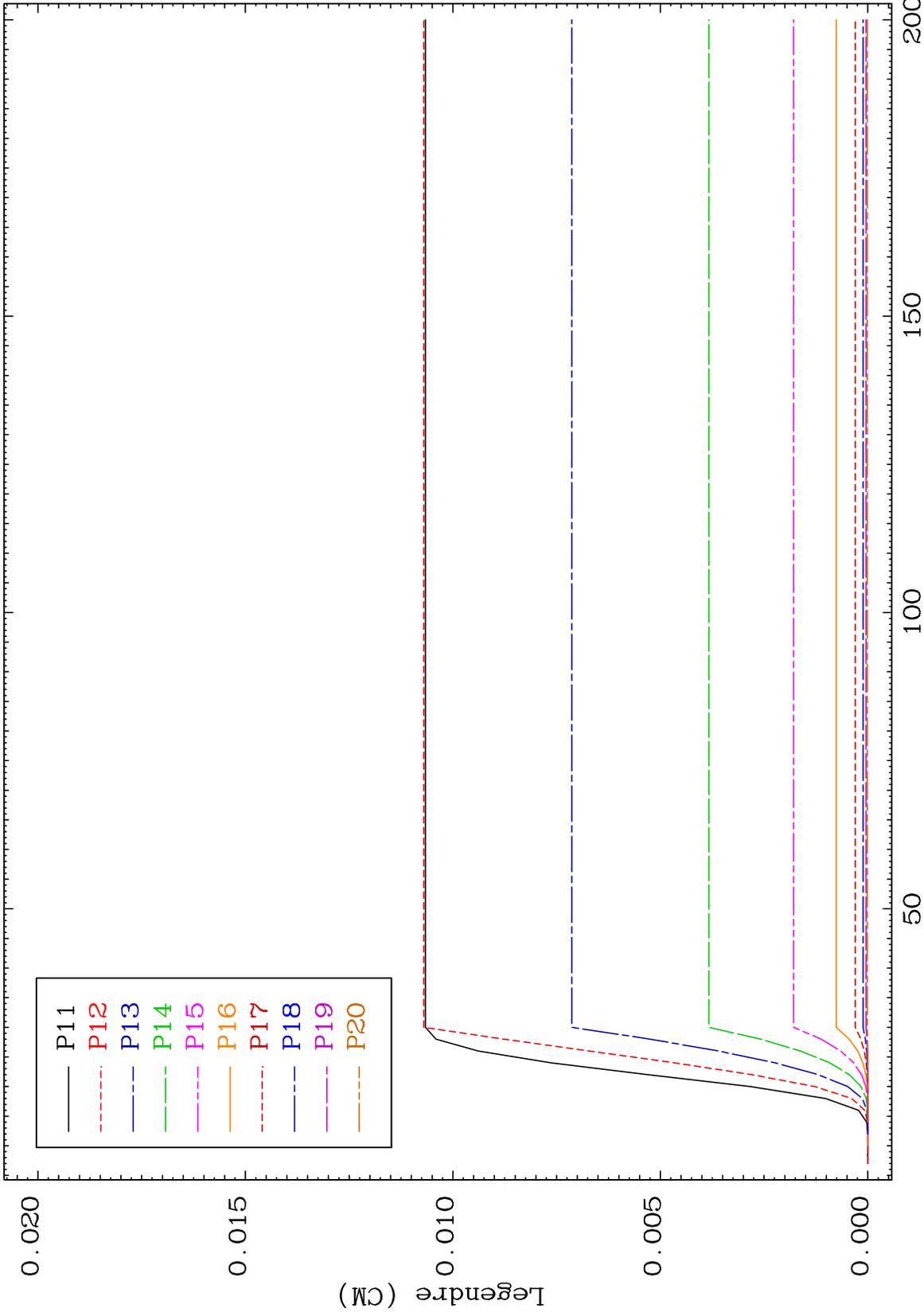
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



54

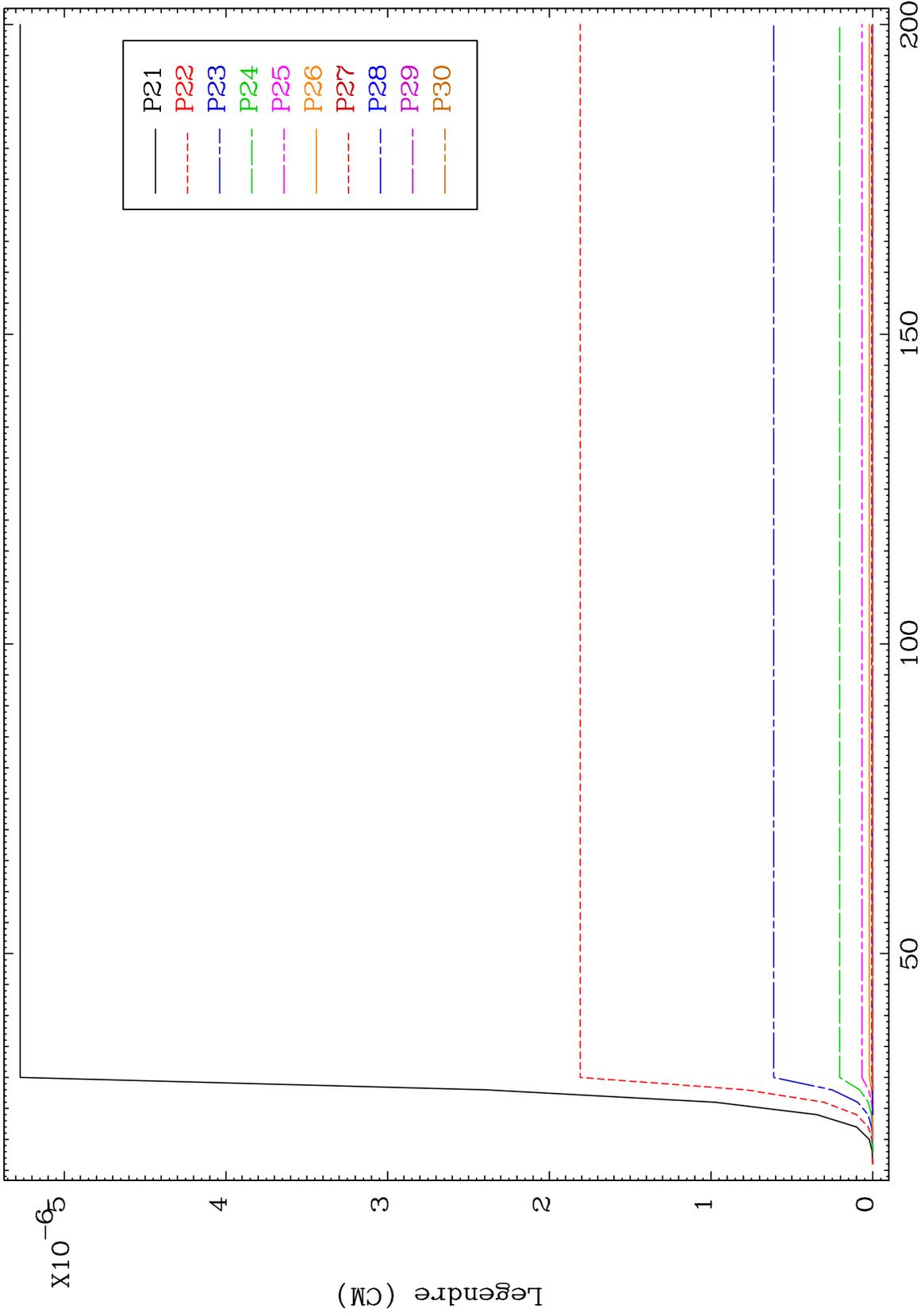
Incident Energy (MeV)

15-P -33

MAT 1531

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

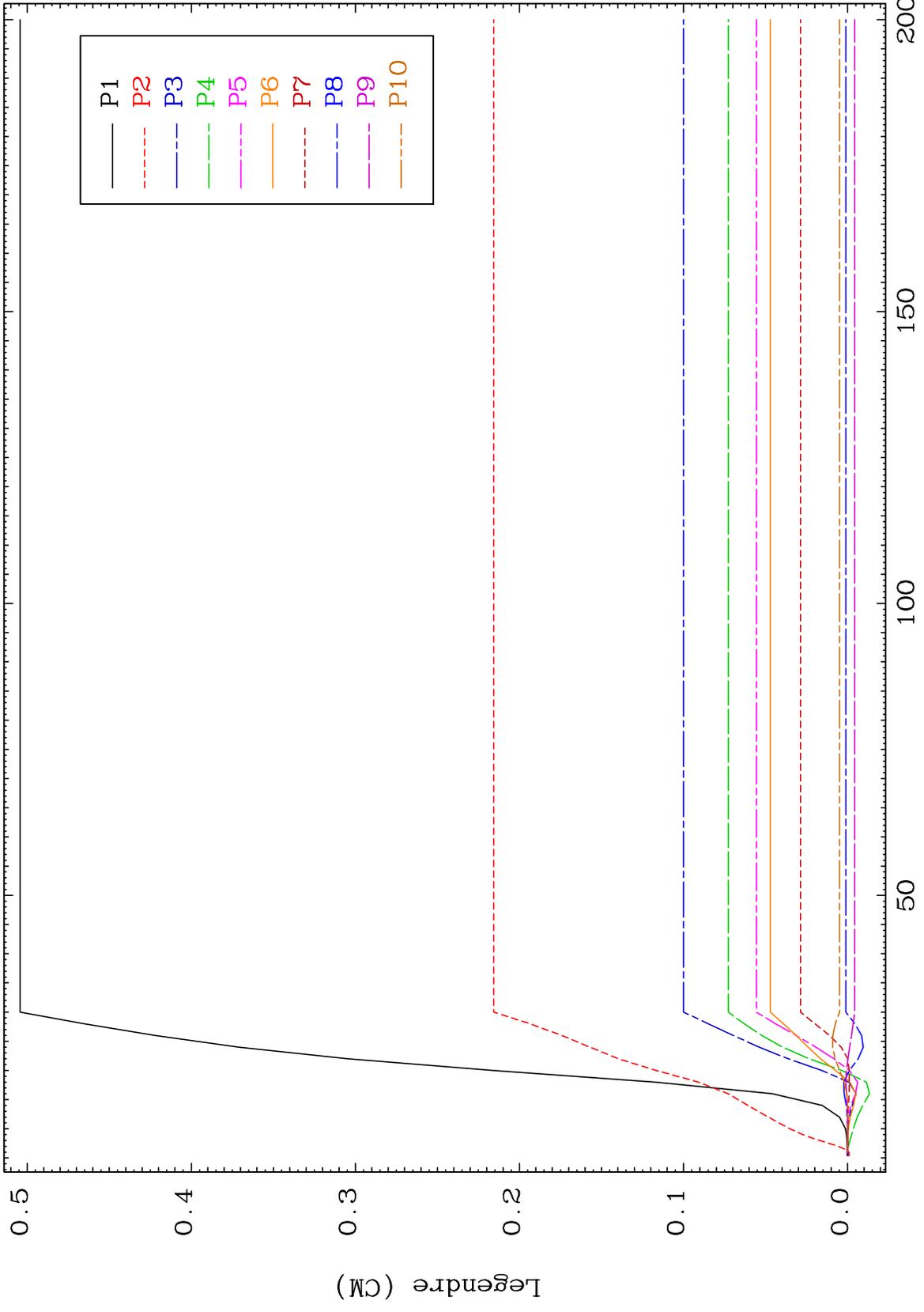
15-P -33



55

Incident Energy (MeV)

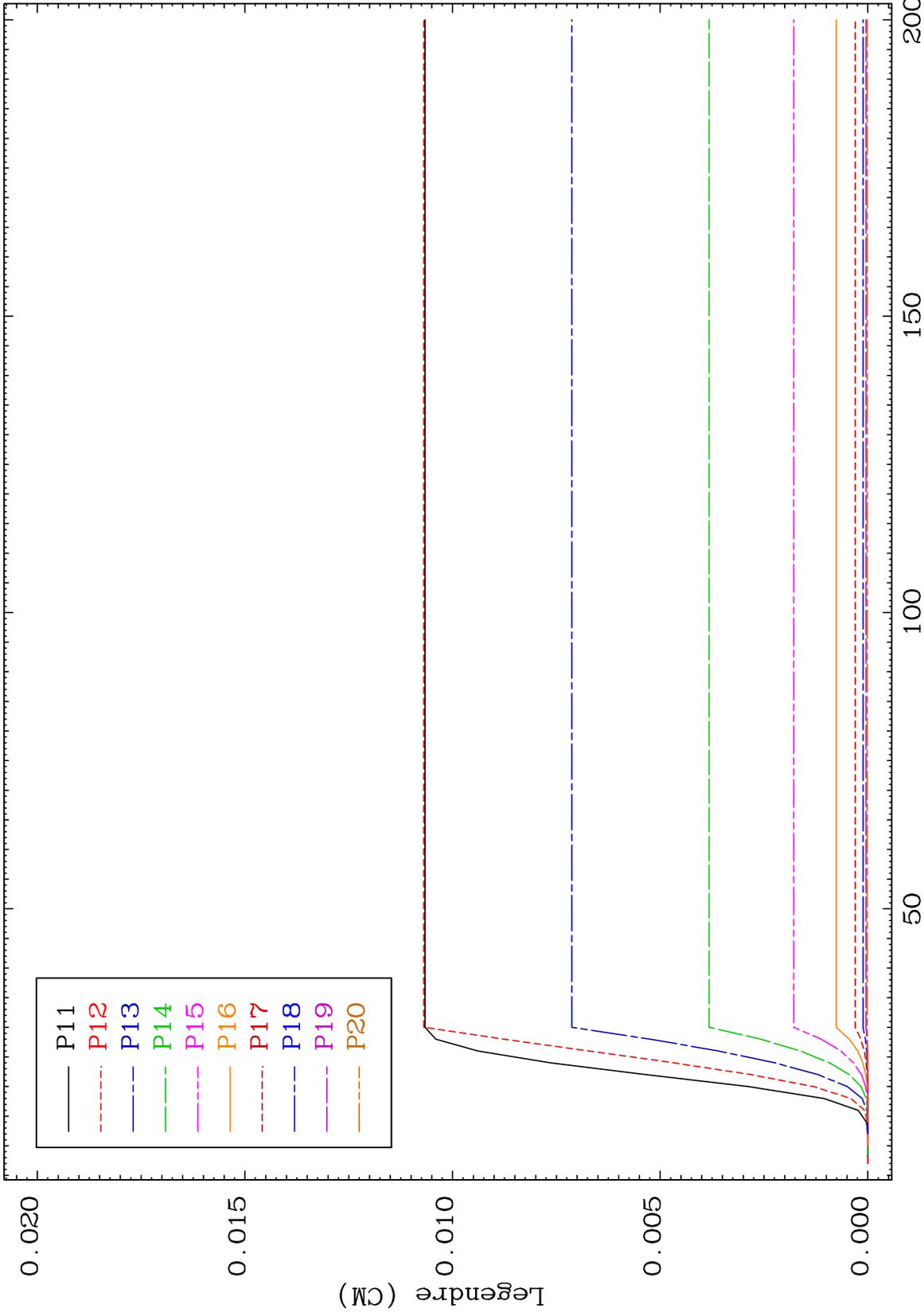
15-P -33



MAT 1531

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

15-P -33



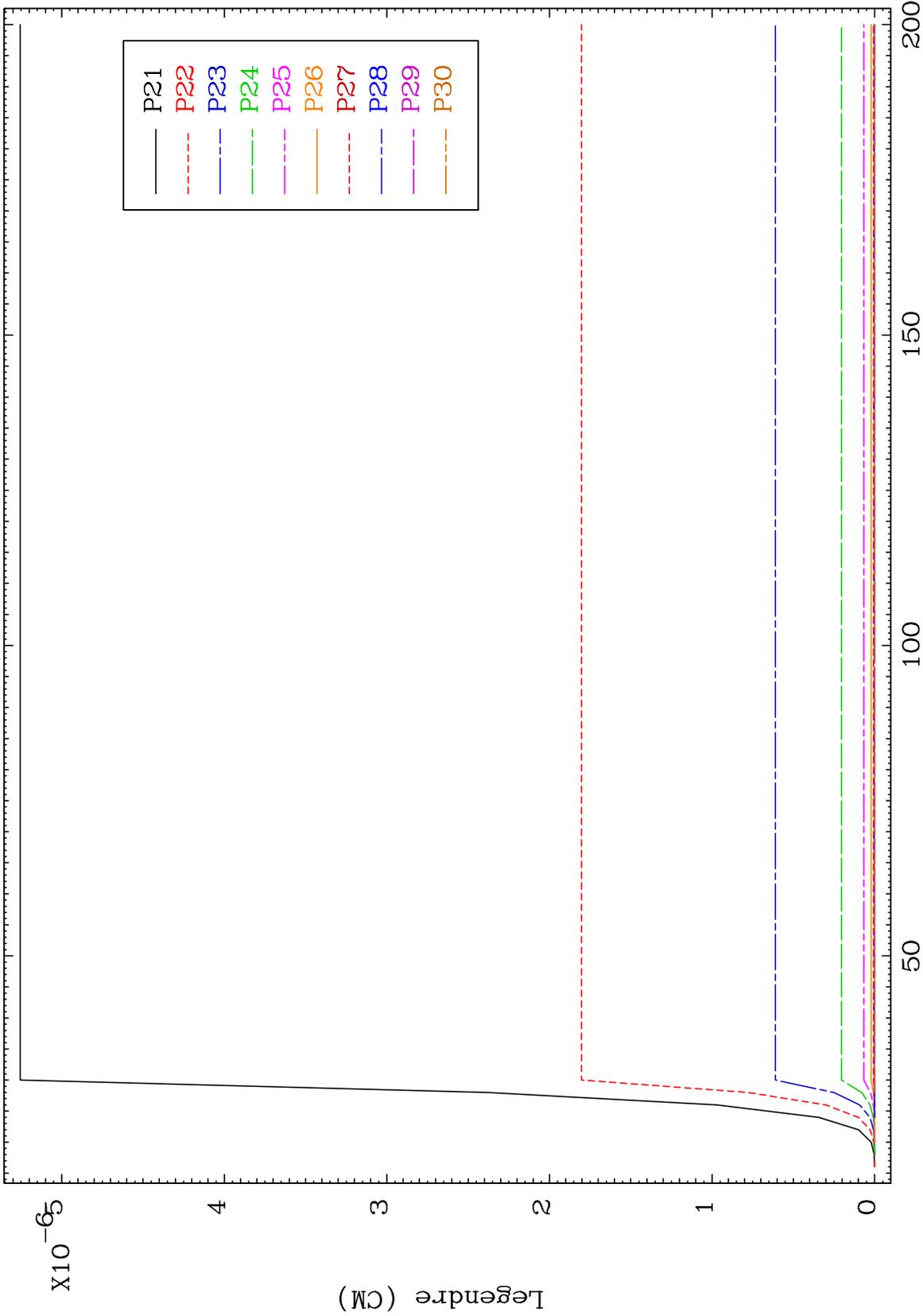
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15-P -33

MAT 1531

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

15-P -33



58

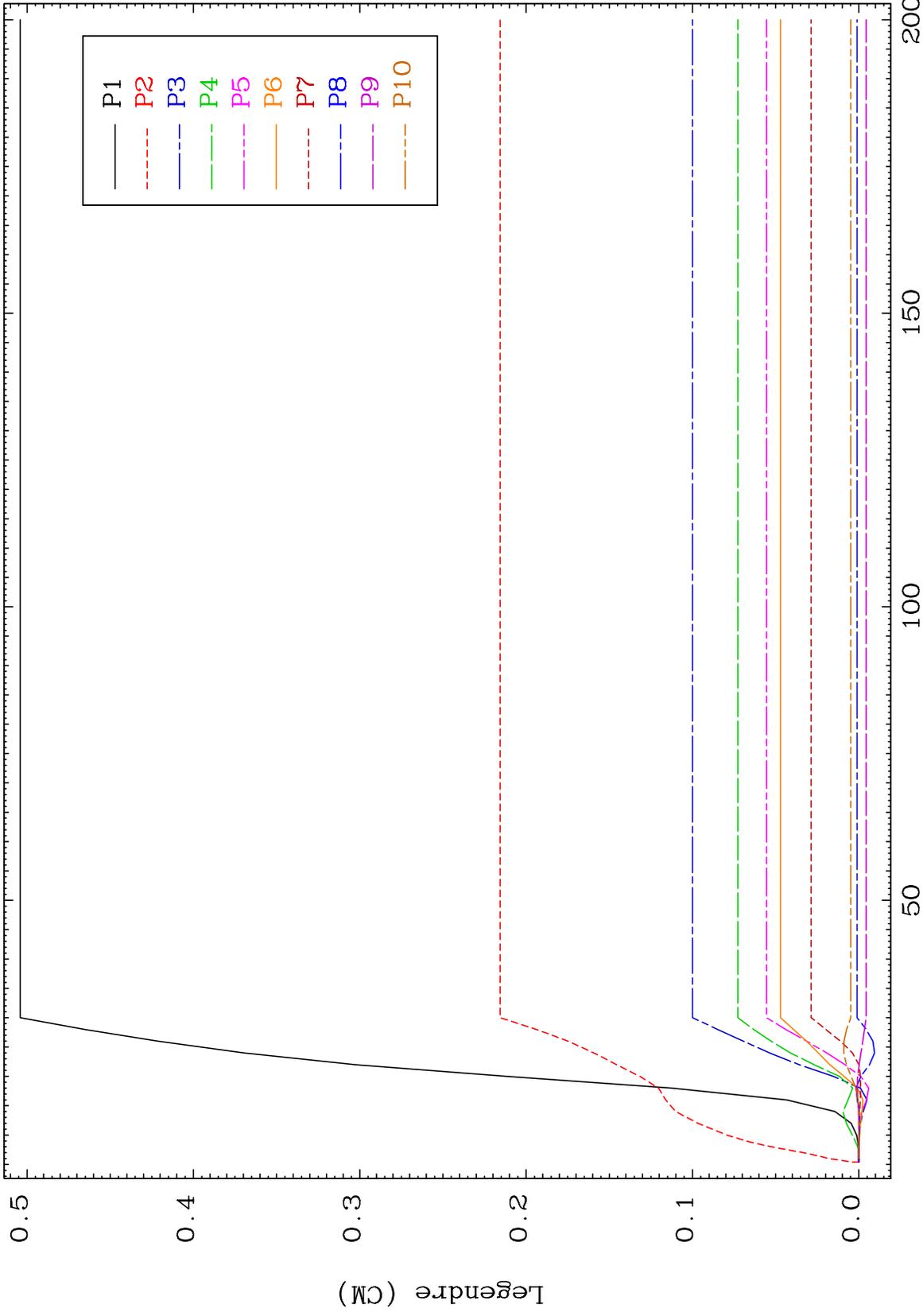
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



59

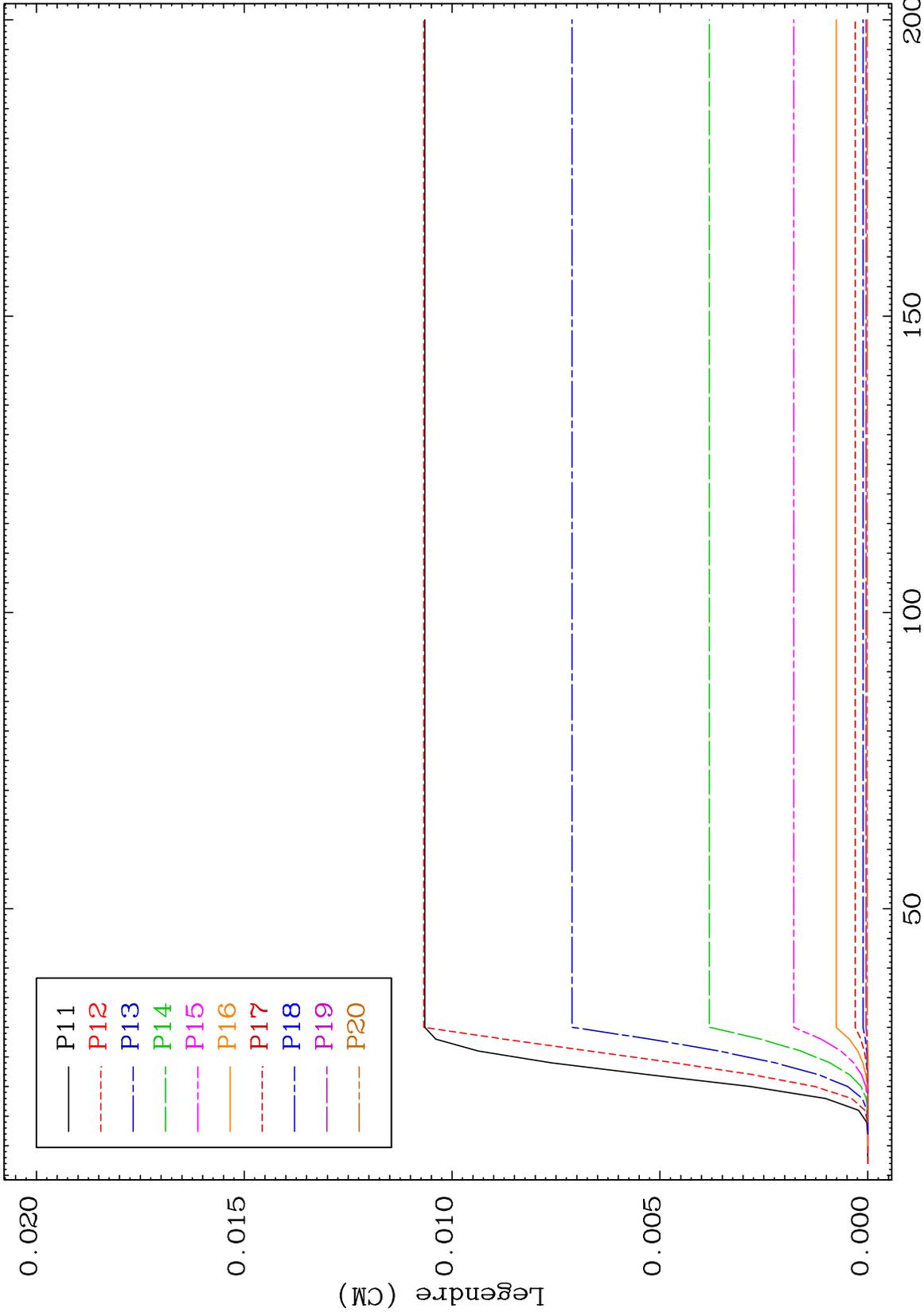
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



60

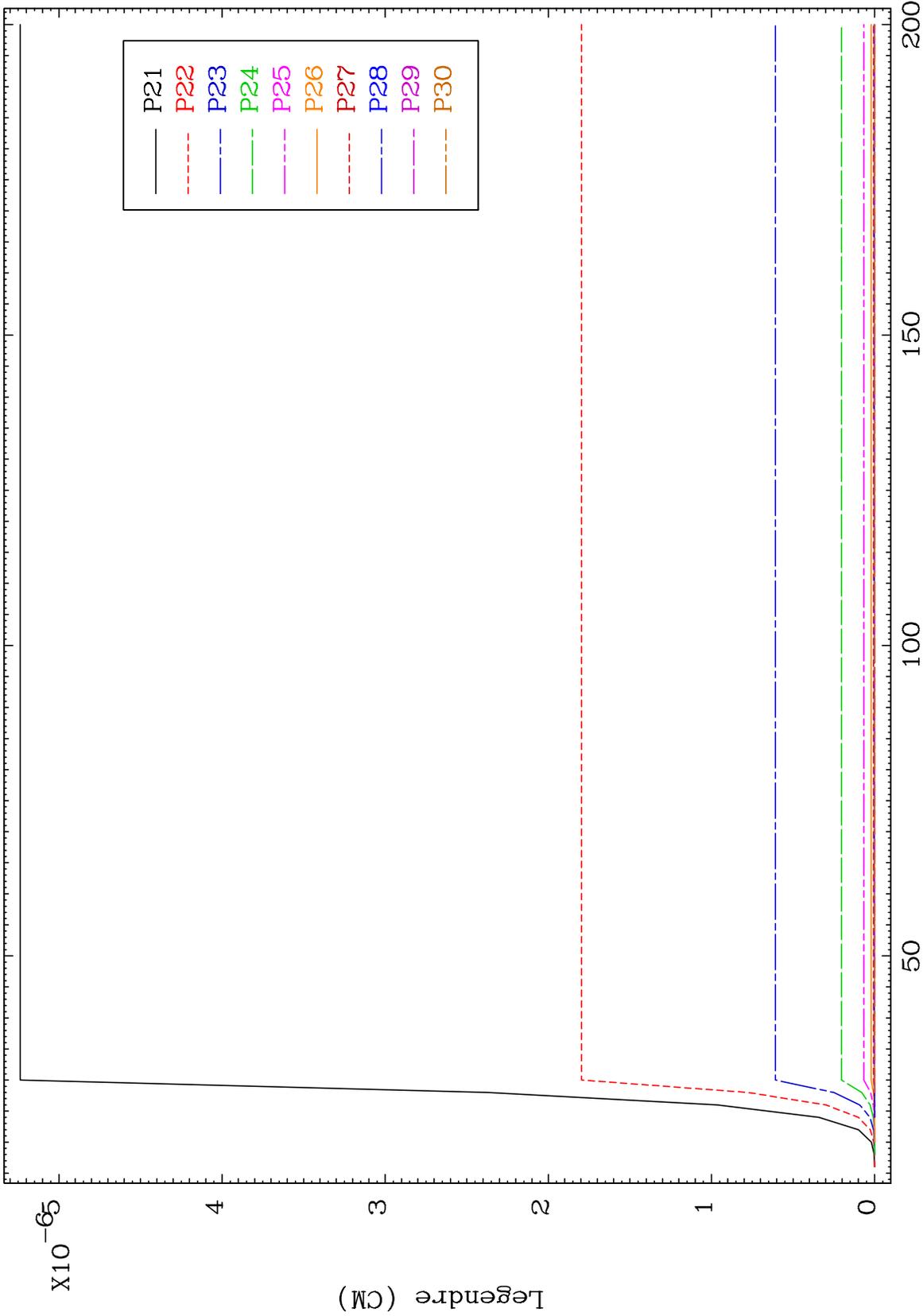
Incident Energy (MeV)

15-P -33

MAT 1531

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

15-P -33



61

15-P -33