

Program EVALPLOT
(Version 2018-1)

by

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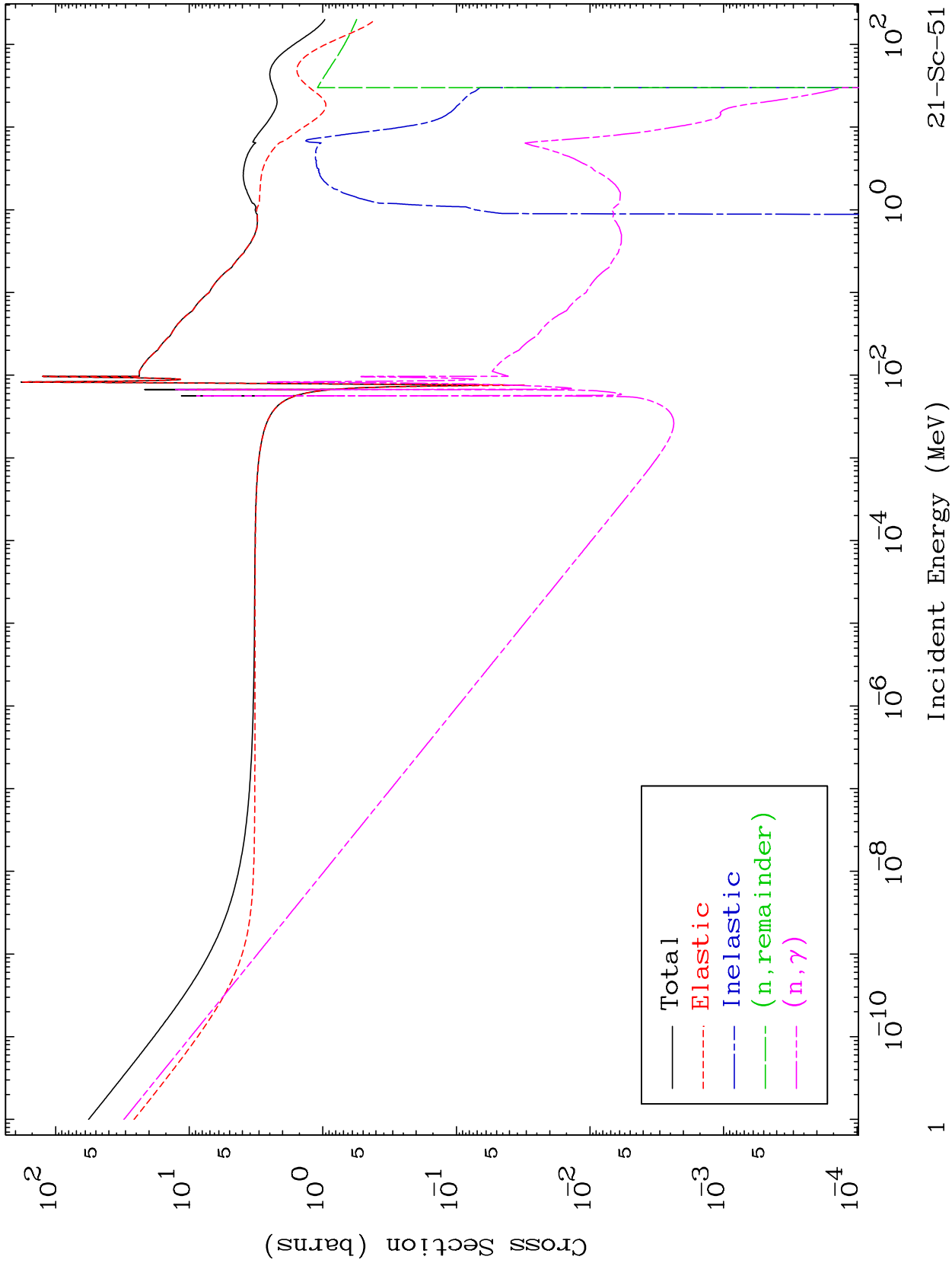
Press Mouse Button to Start

MAT 2143

Major

293 Kelvin Cross Sections

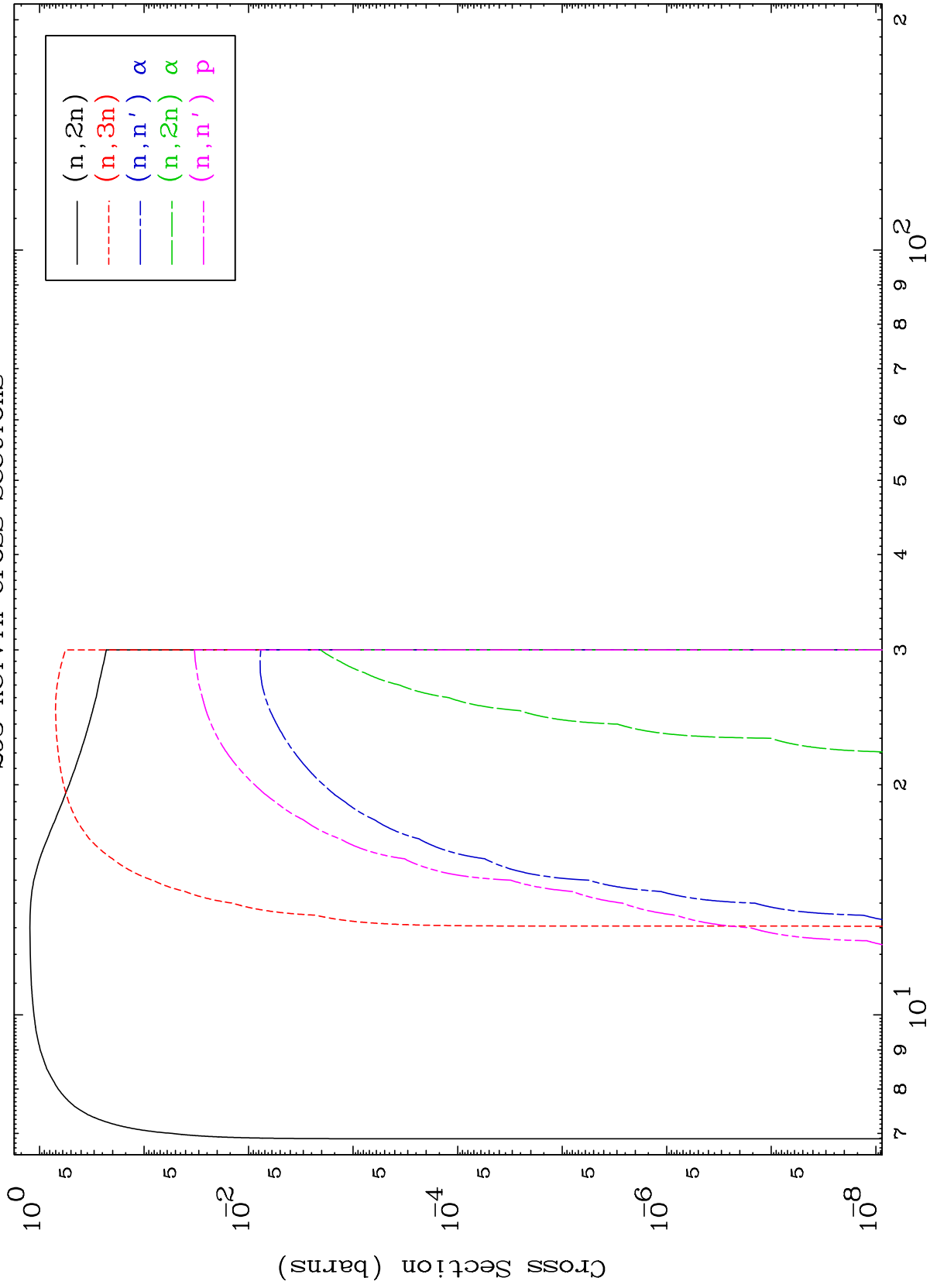
21-Sc-51



MAT 2143

Neutron Production
293 Kelvin Cross Sections

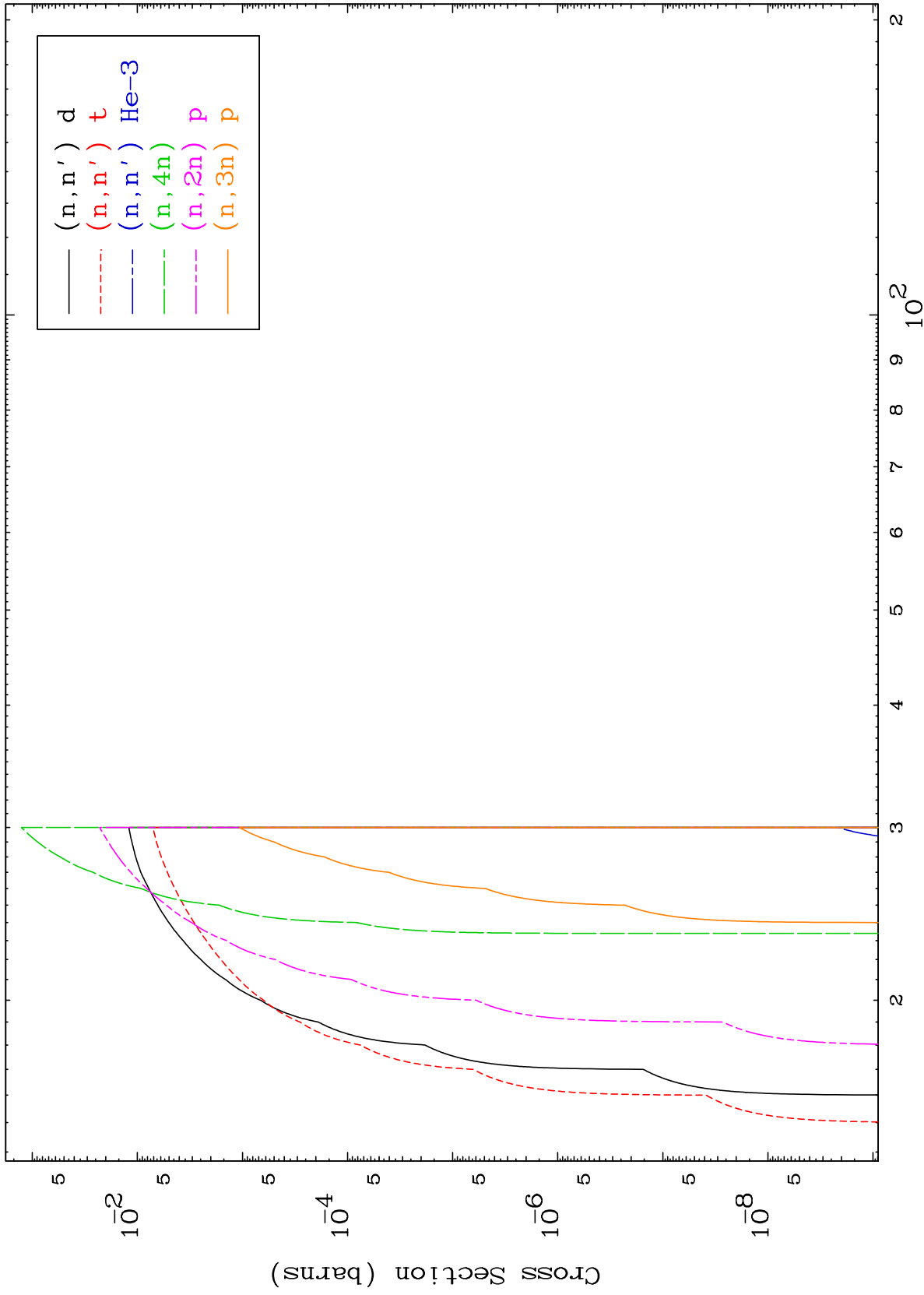
21-Sc-51



2

Incident Energy (MeV)

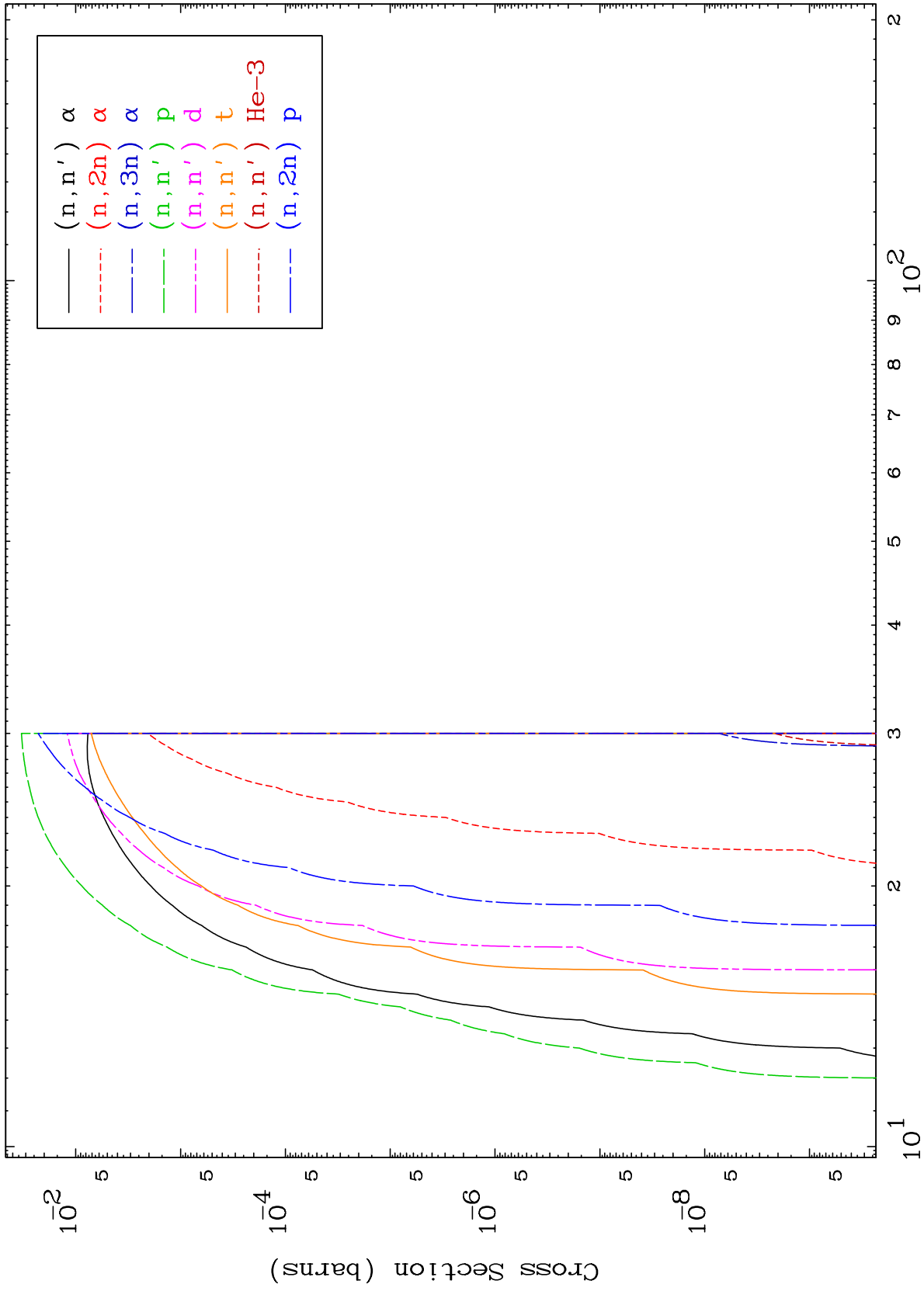
21-Sc-51



MAT 2143

Charged Particle
293 Kelvin Cross Sections

21-Sc-51



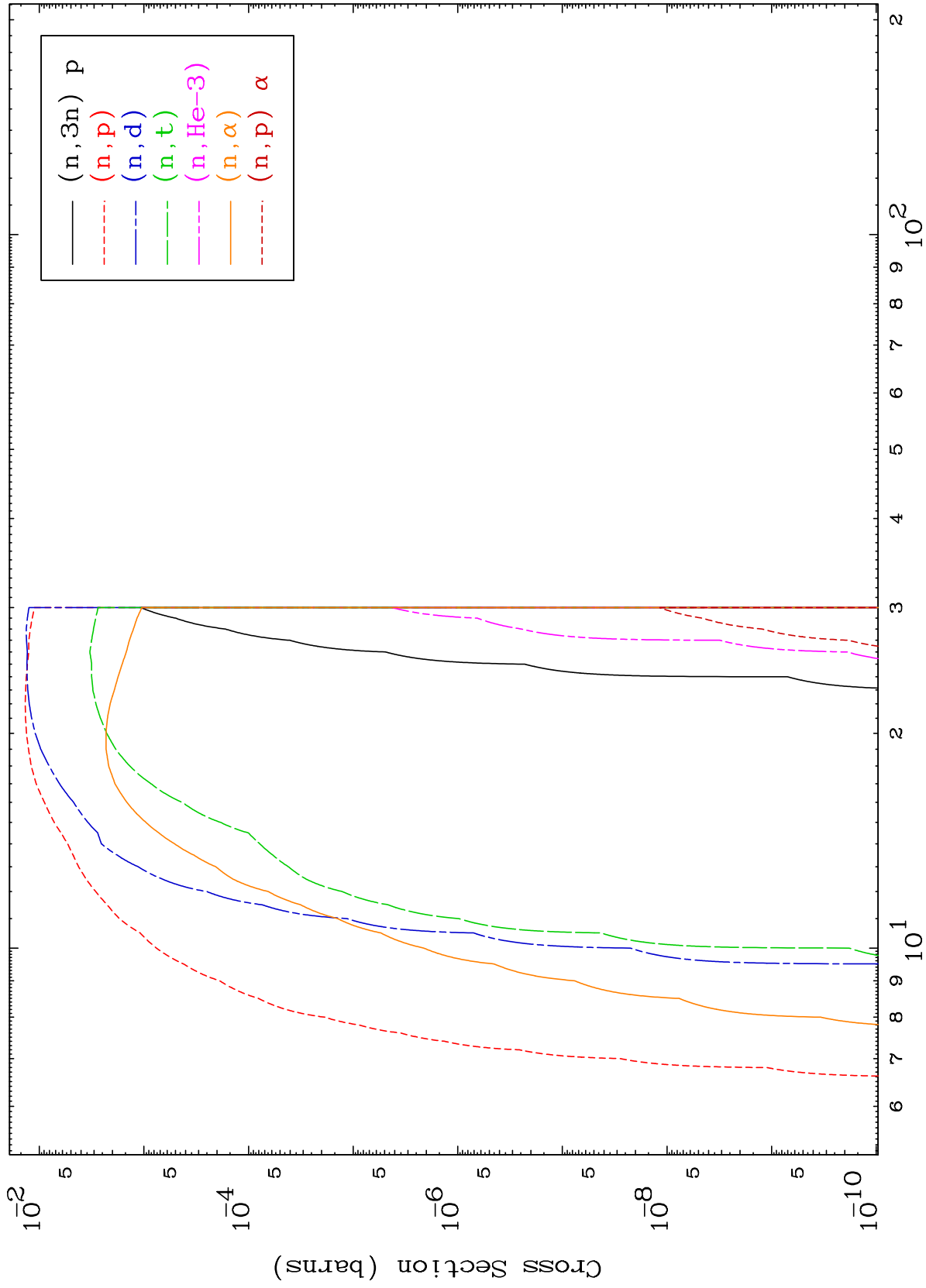
Incident Energy (MeV)

21-Sc-51

MAT 2143

Charged Particle
293 Kelvin Cross Sections

21-Sc-51



5

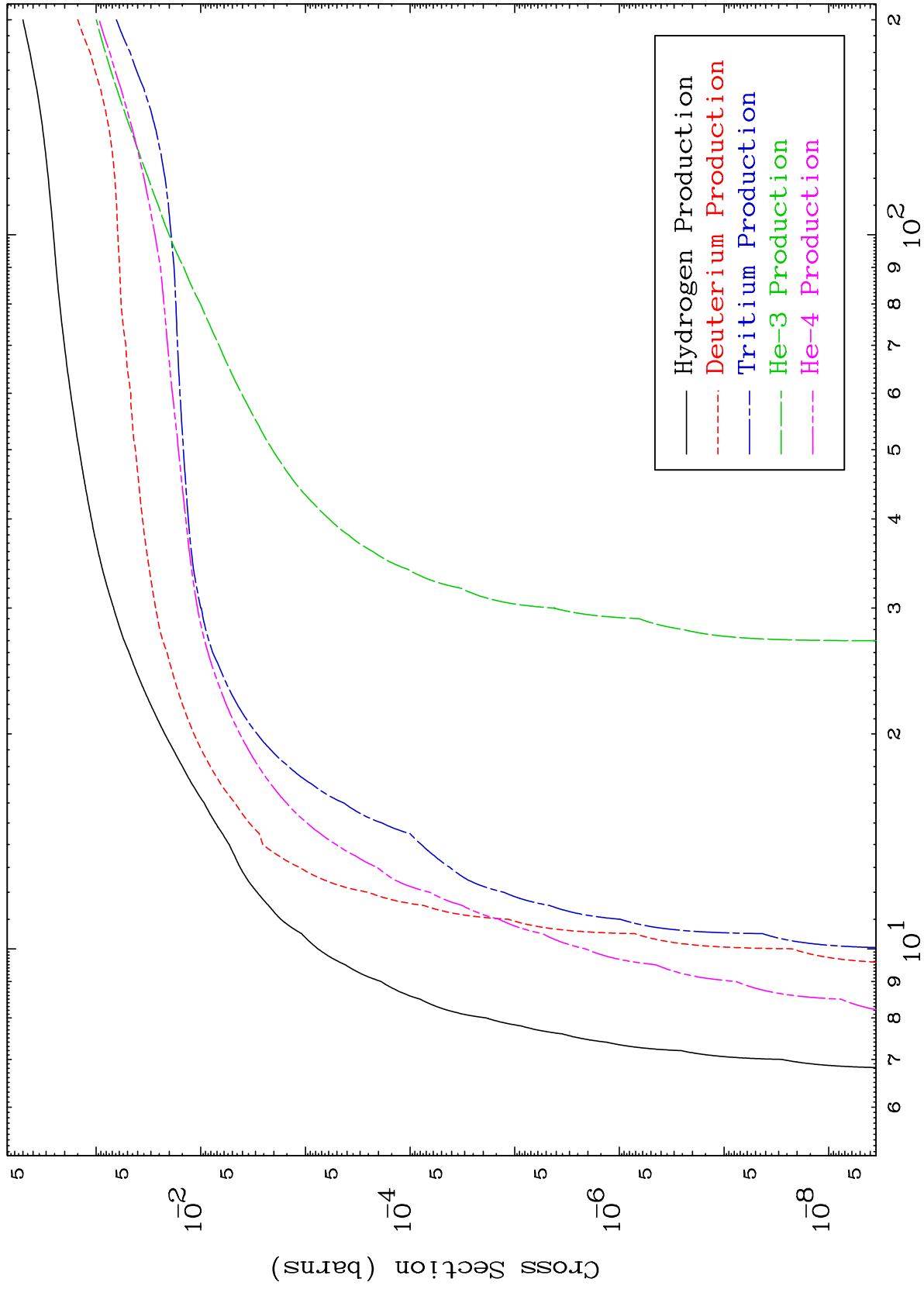
Incident Energy (MeV)

21-Sc-51

MAT 2143

Particle Production
293 Kelvin Cross Sections

21-Sc-51



6

Incident Energy (MeV)

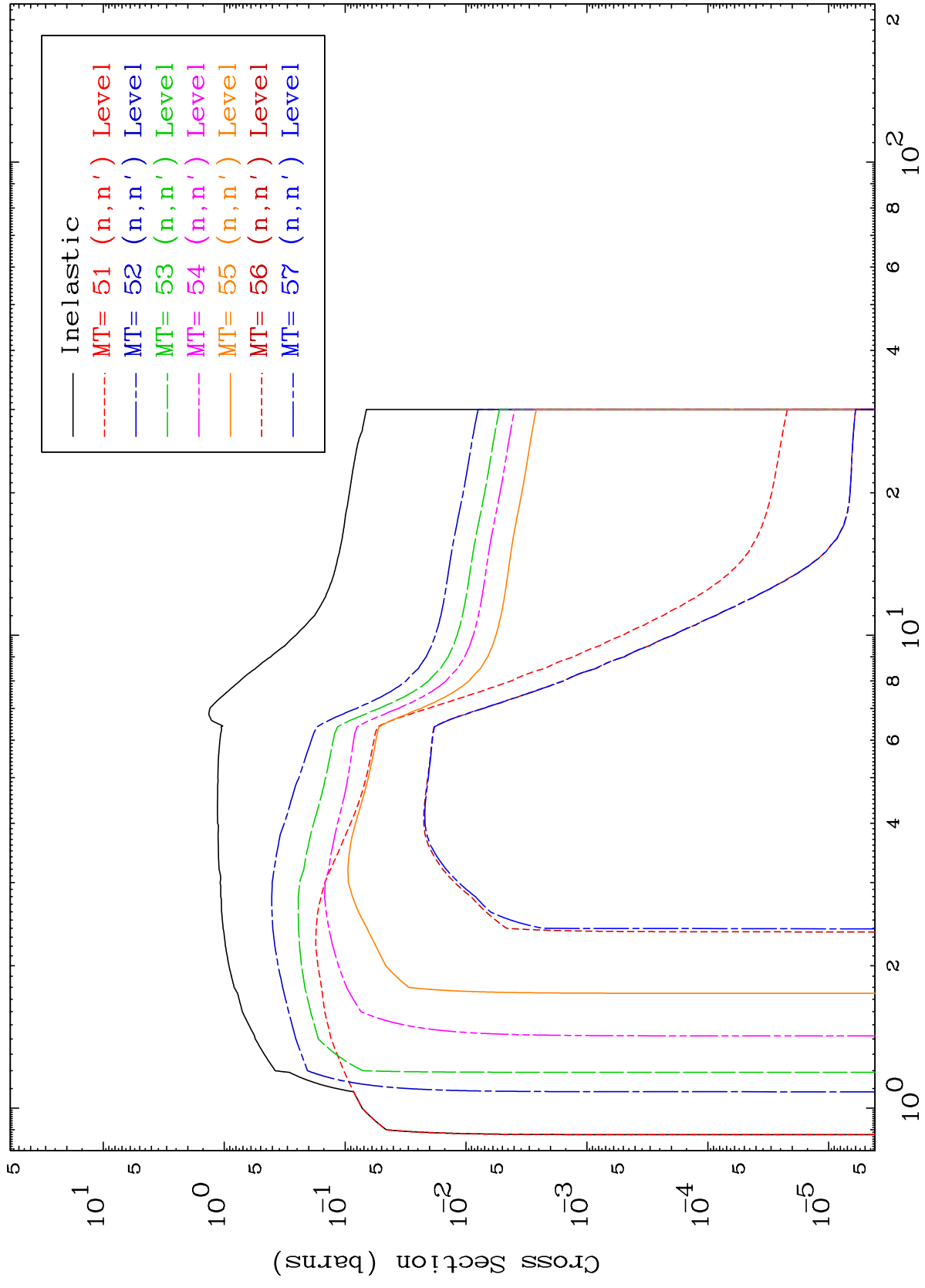
21-Sc-51

MAT 2143

(n,n') Level

21-Sc-51

293 Kelvin Cross Sections



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Incident Energy (MeV)

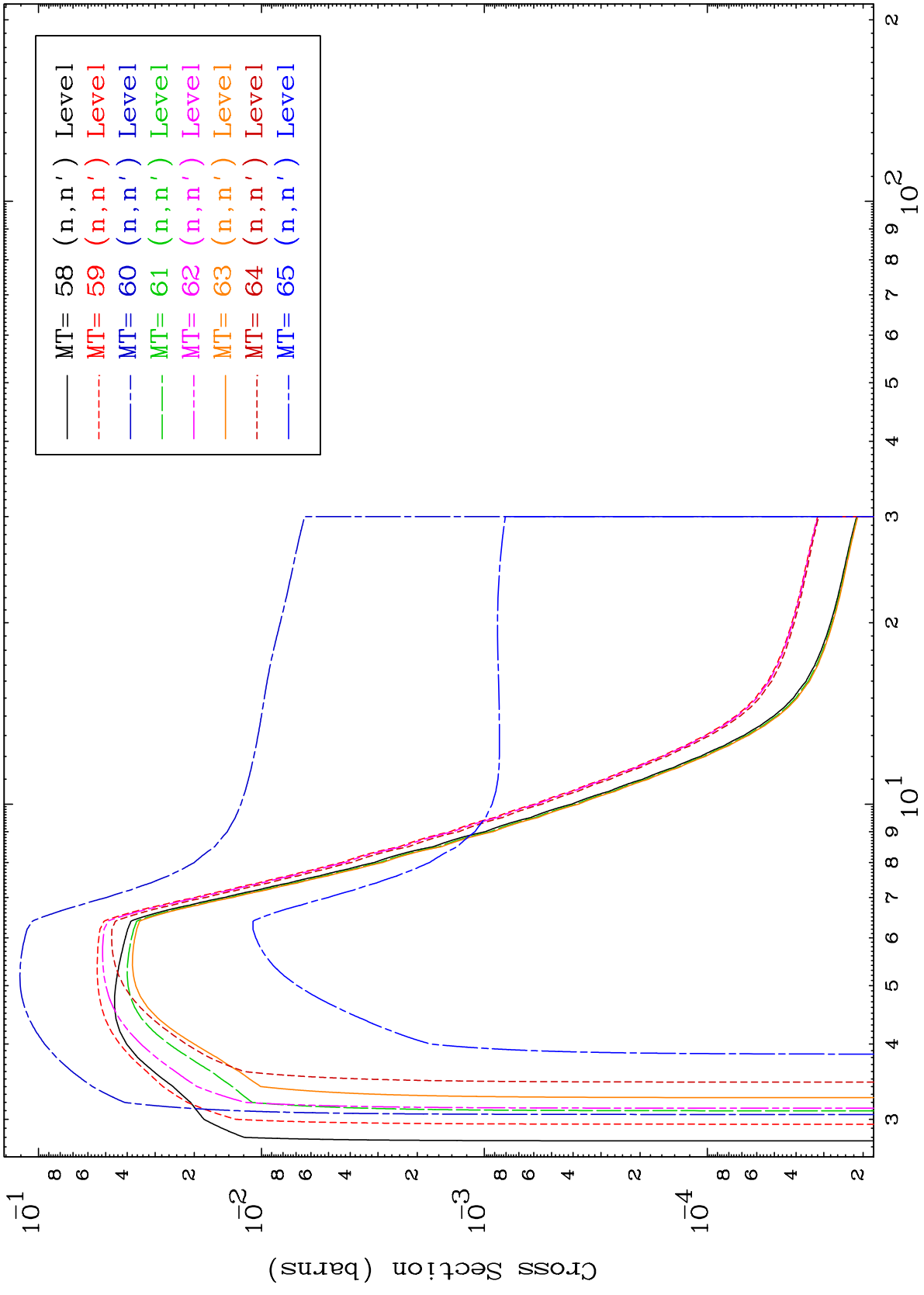
21-Sc-51

MAT 2143

(n,n') Level

21-Sc-51

293 Kelvin Cross Sections



8

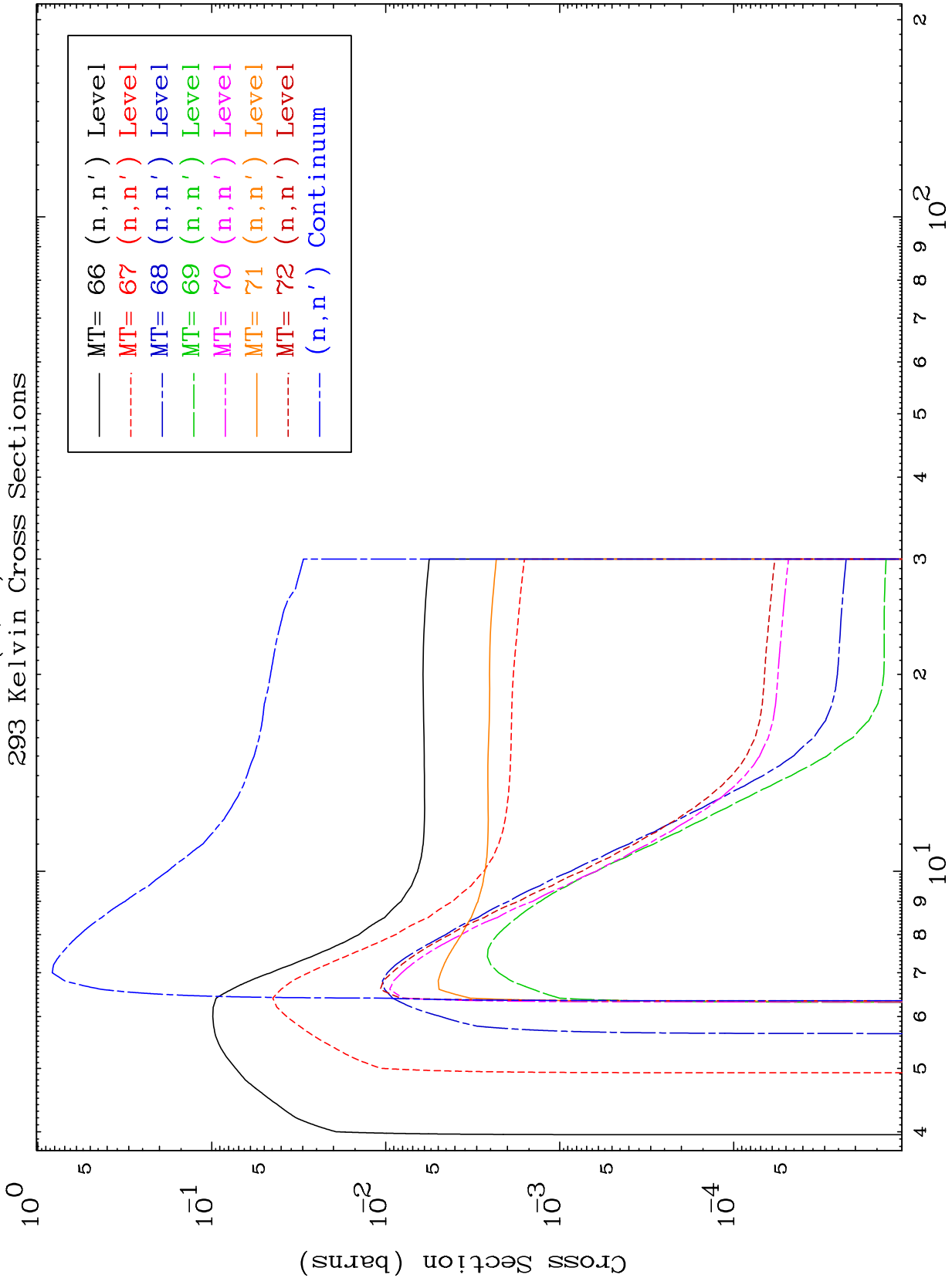
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,n') Level

21-Sc-51



9

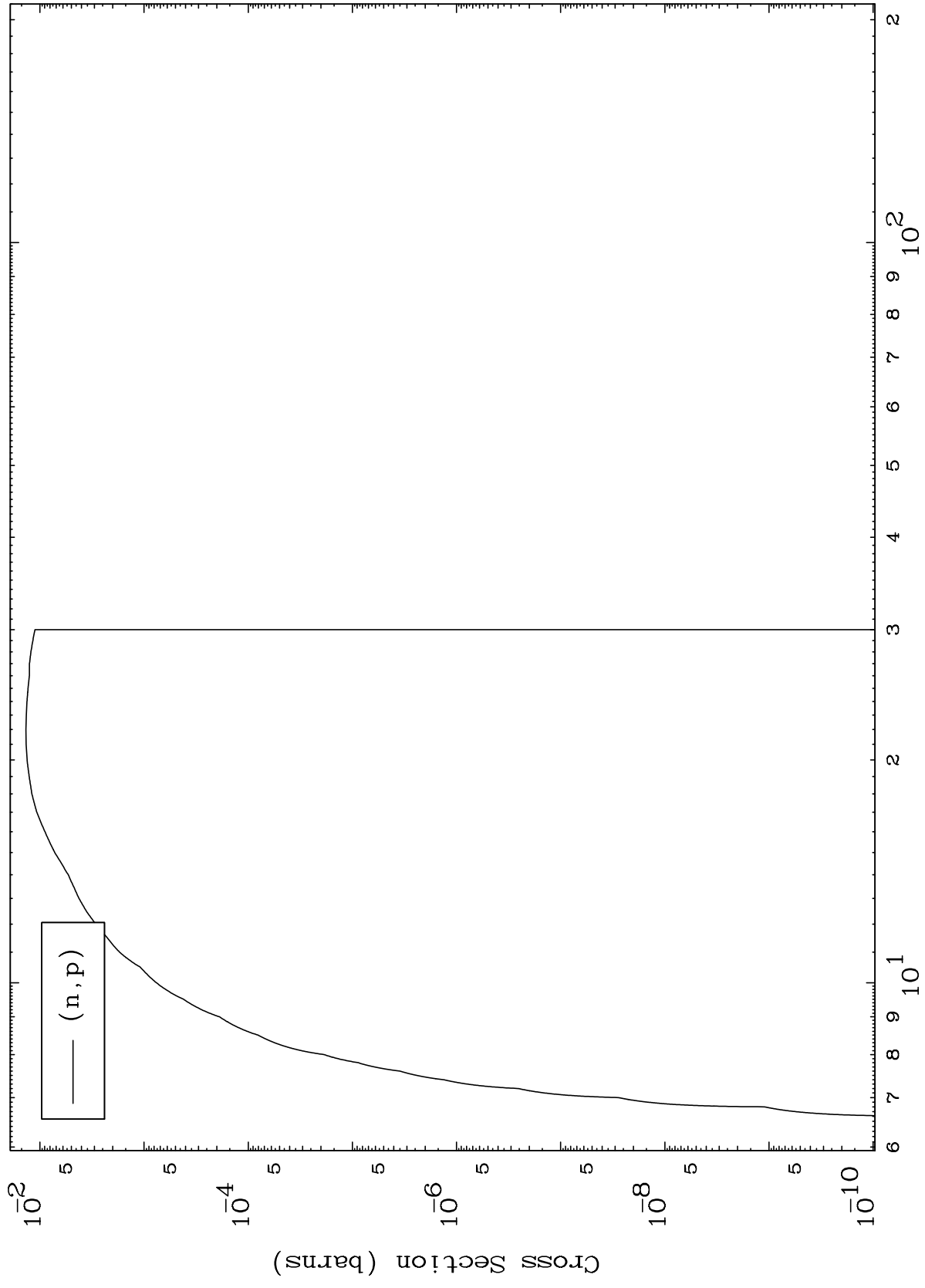
Incident Energy (MeV)

21-Sc-51

MAT 2143

21-Sc-51

(n,p) Levels
293 Kelvin Cross Sections



10

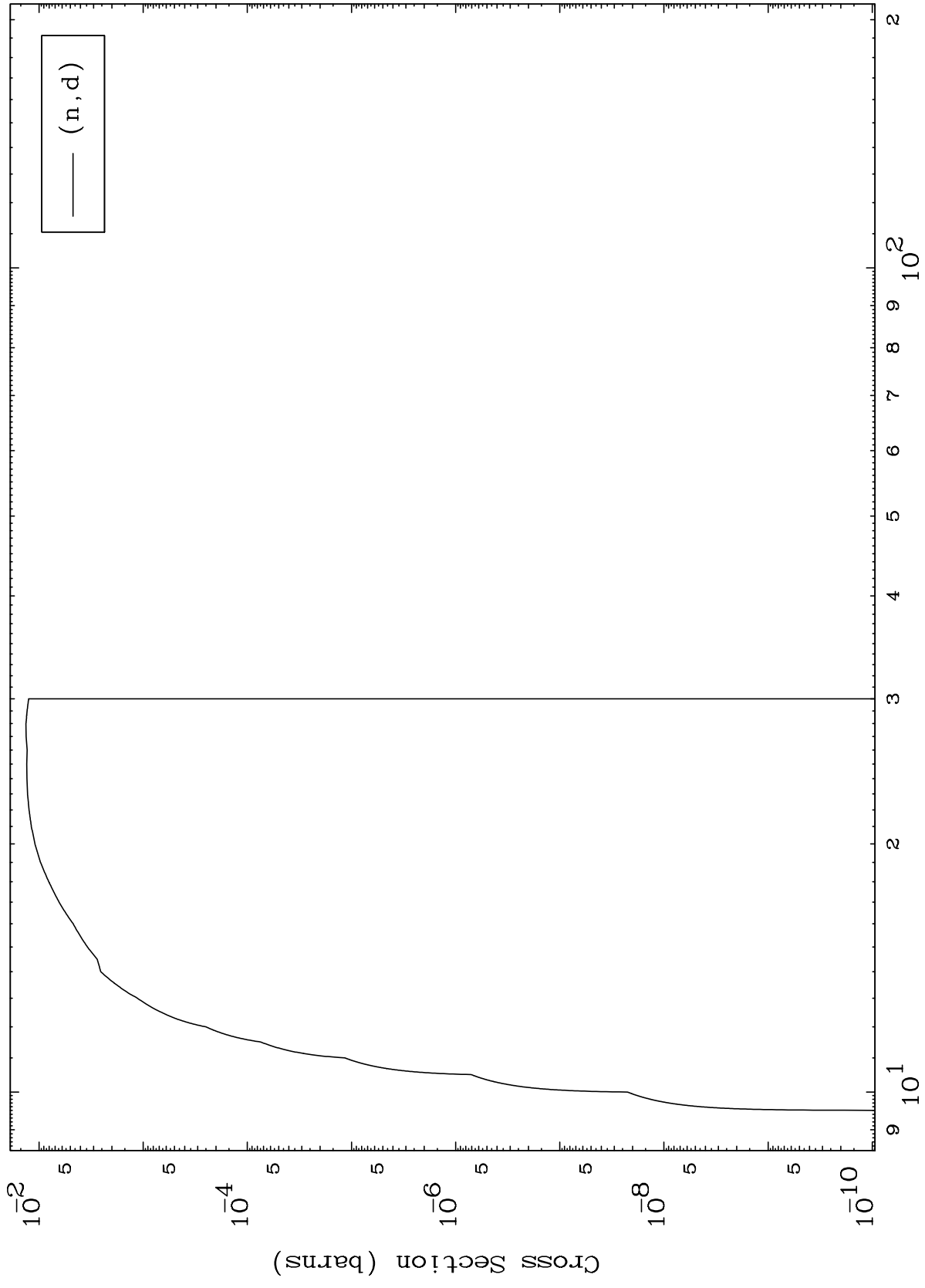
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-51



11

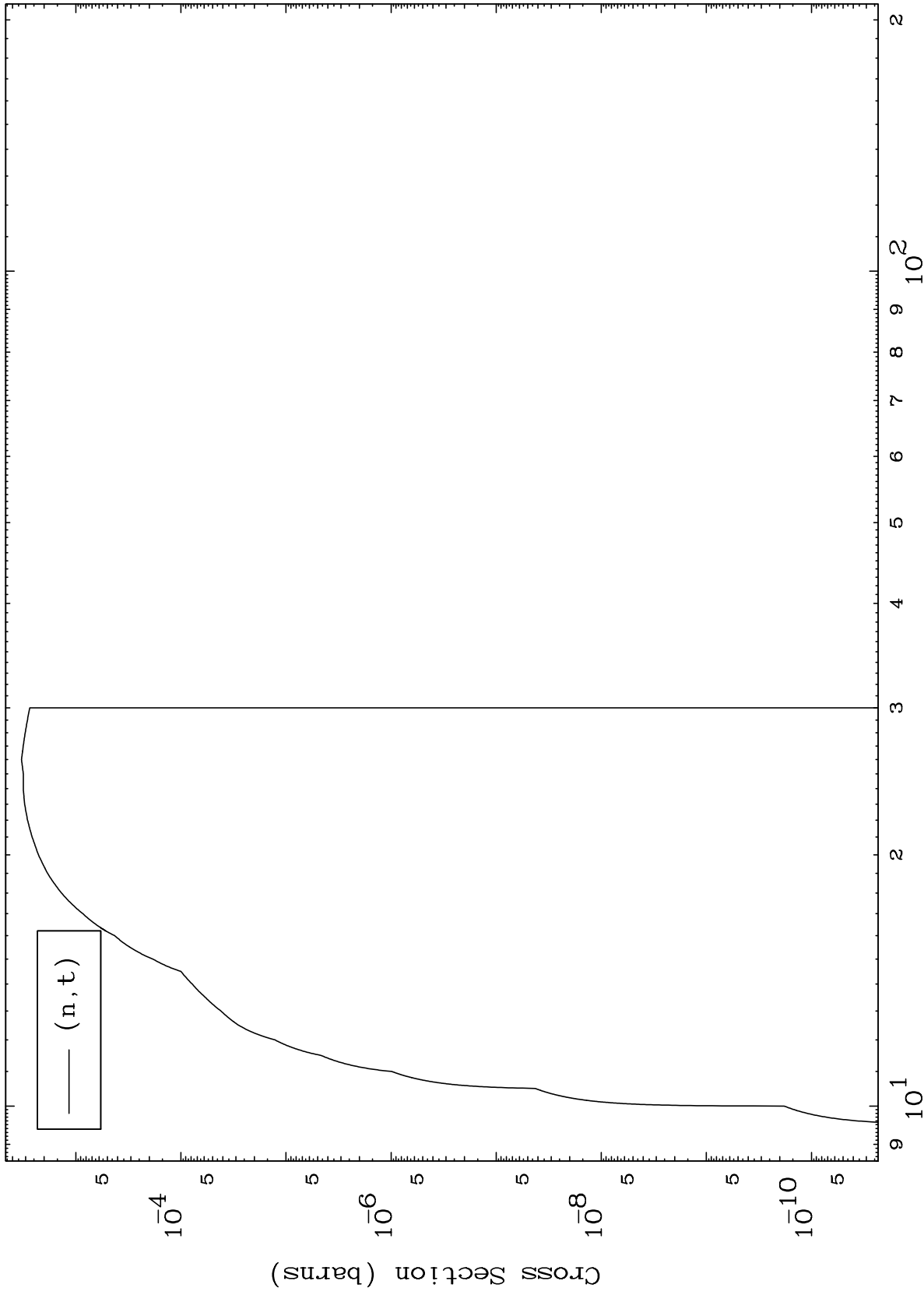
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,t) Levels
293 Kelvin Cross Sections

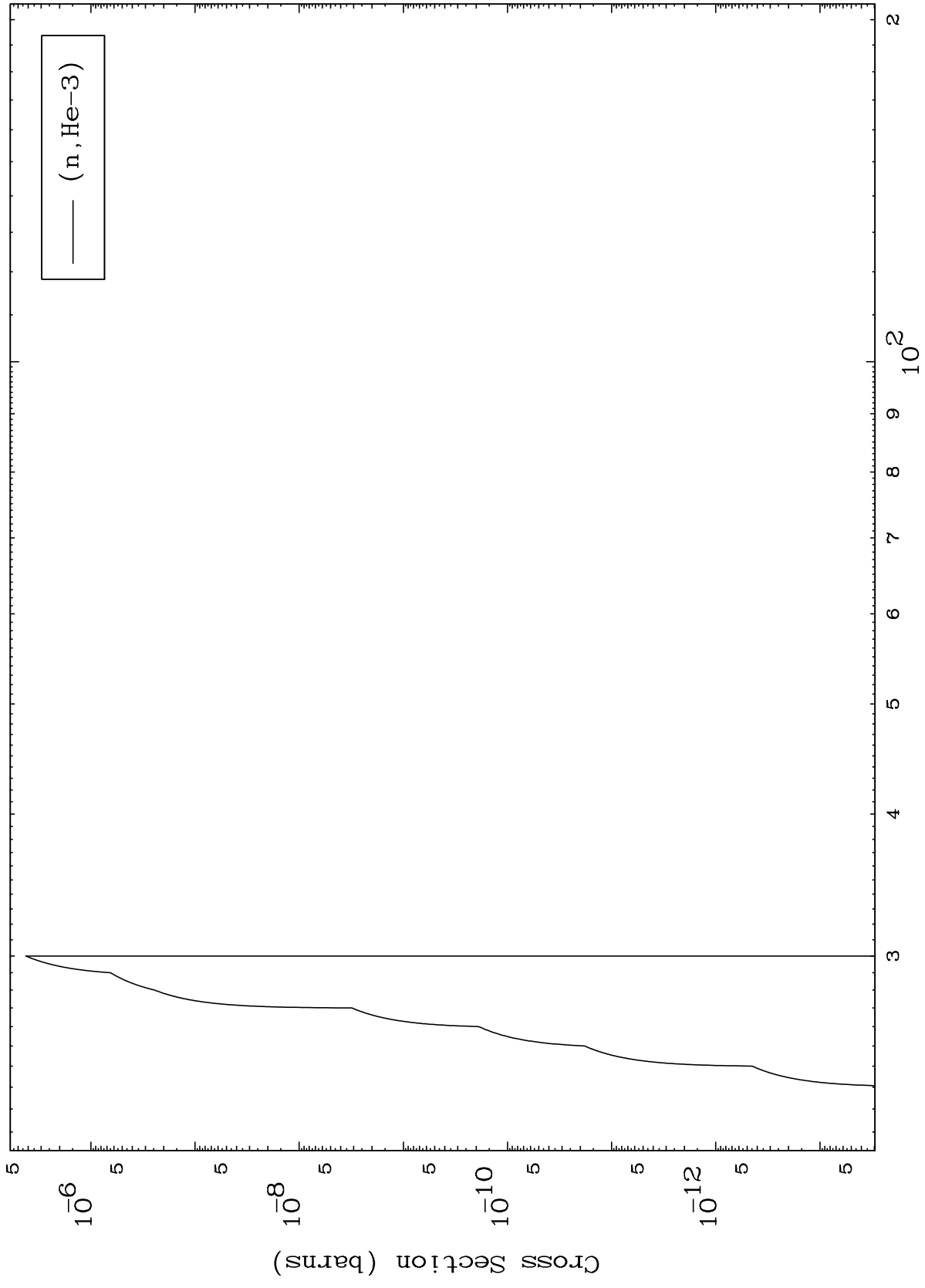
21-Sc-51



12

Incident Energy (MeV)

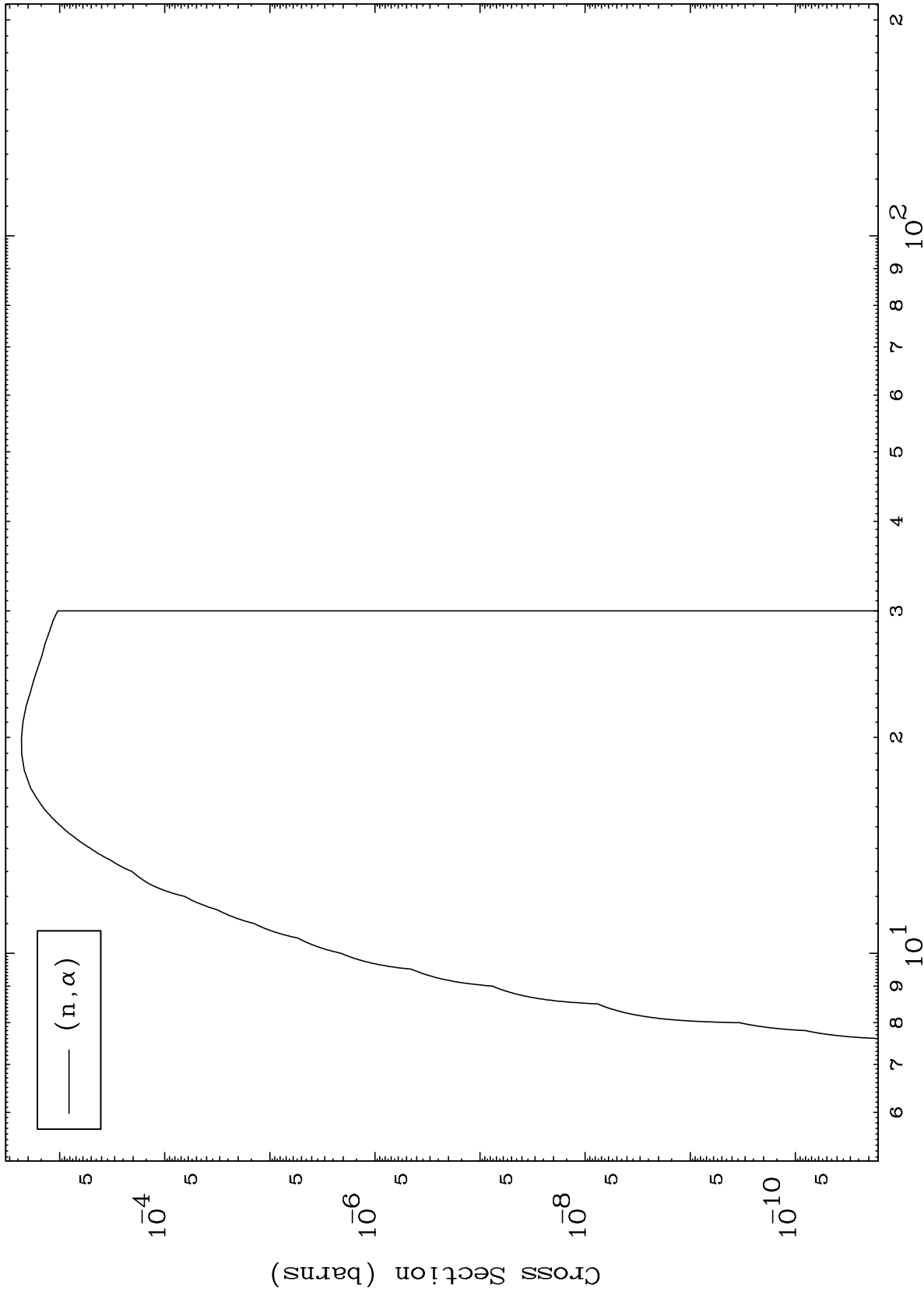
21-Sc-51



MAT 2143

(n, α) Levels
293 Kelvin Cross Sections

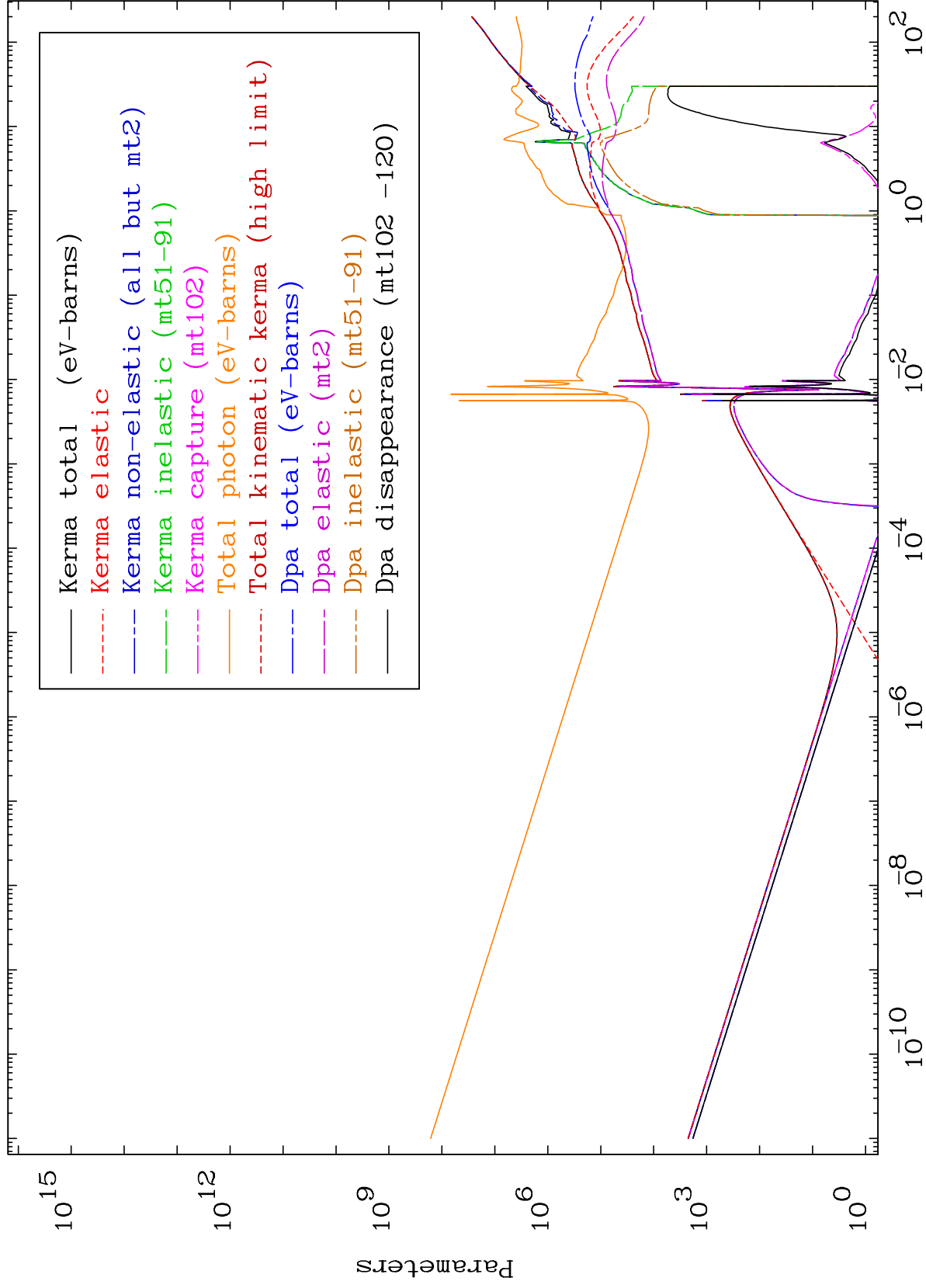
21-Sc-51



14

Incident Energy (MeV)

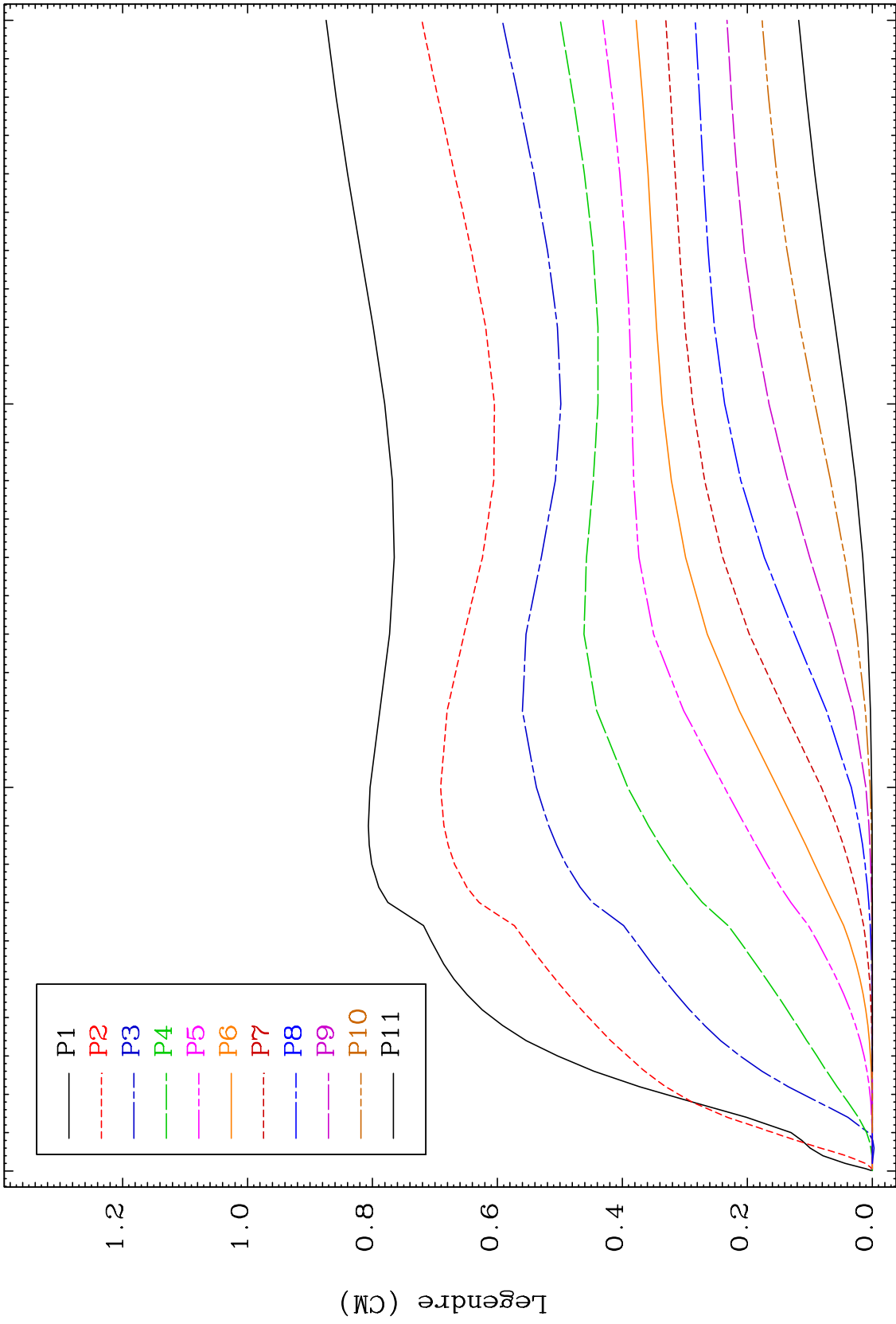
21-Sc-51



MAT 2143

Elastic Legendre Coefficients

21-Sc-51



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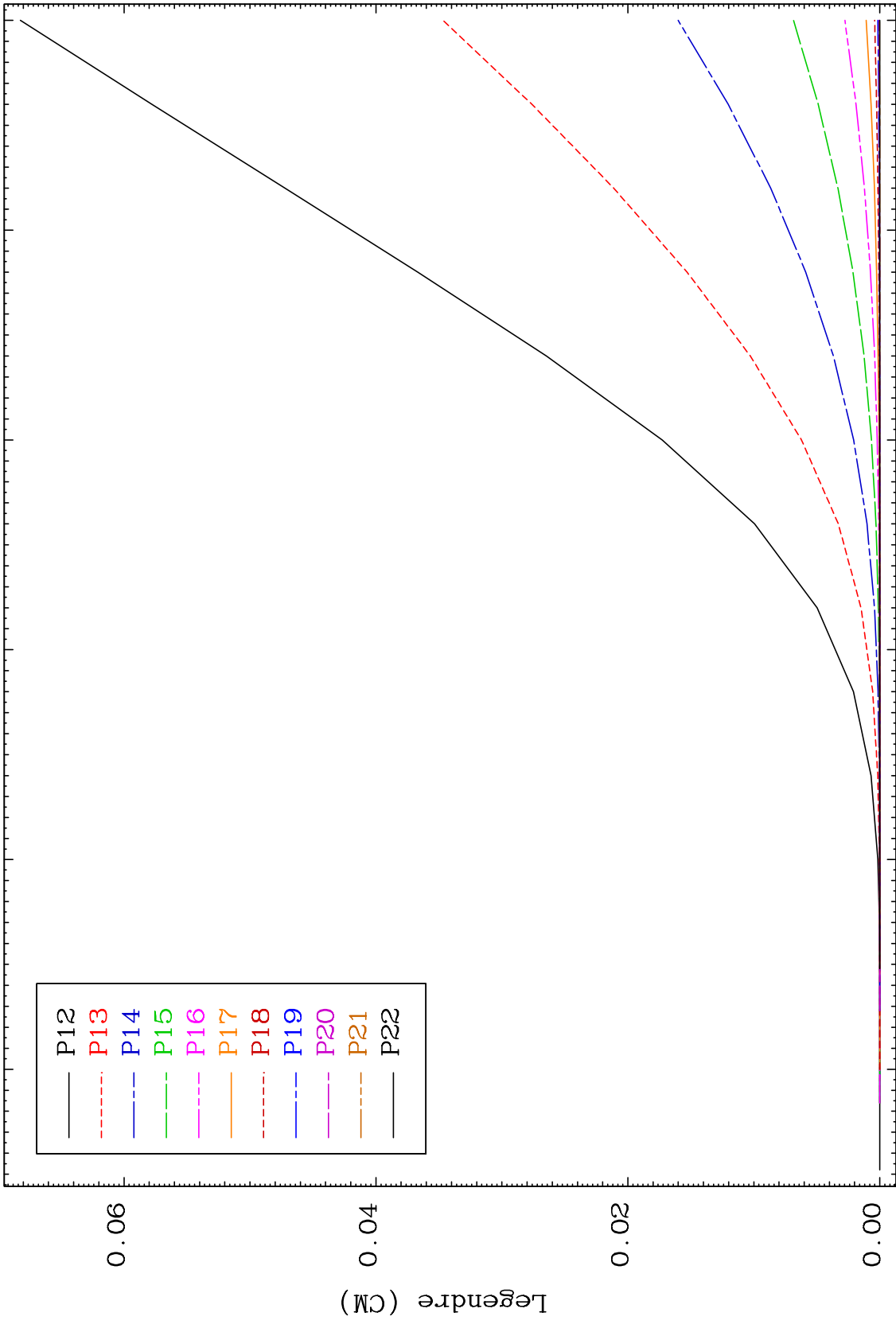
Incident Energy (MeV)

21-Sc-51

MAT 2143

Elastic
Legendre Coefficients

21-Sc-51



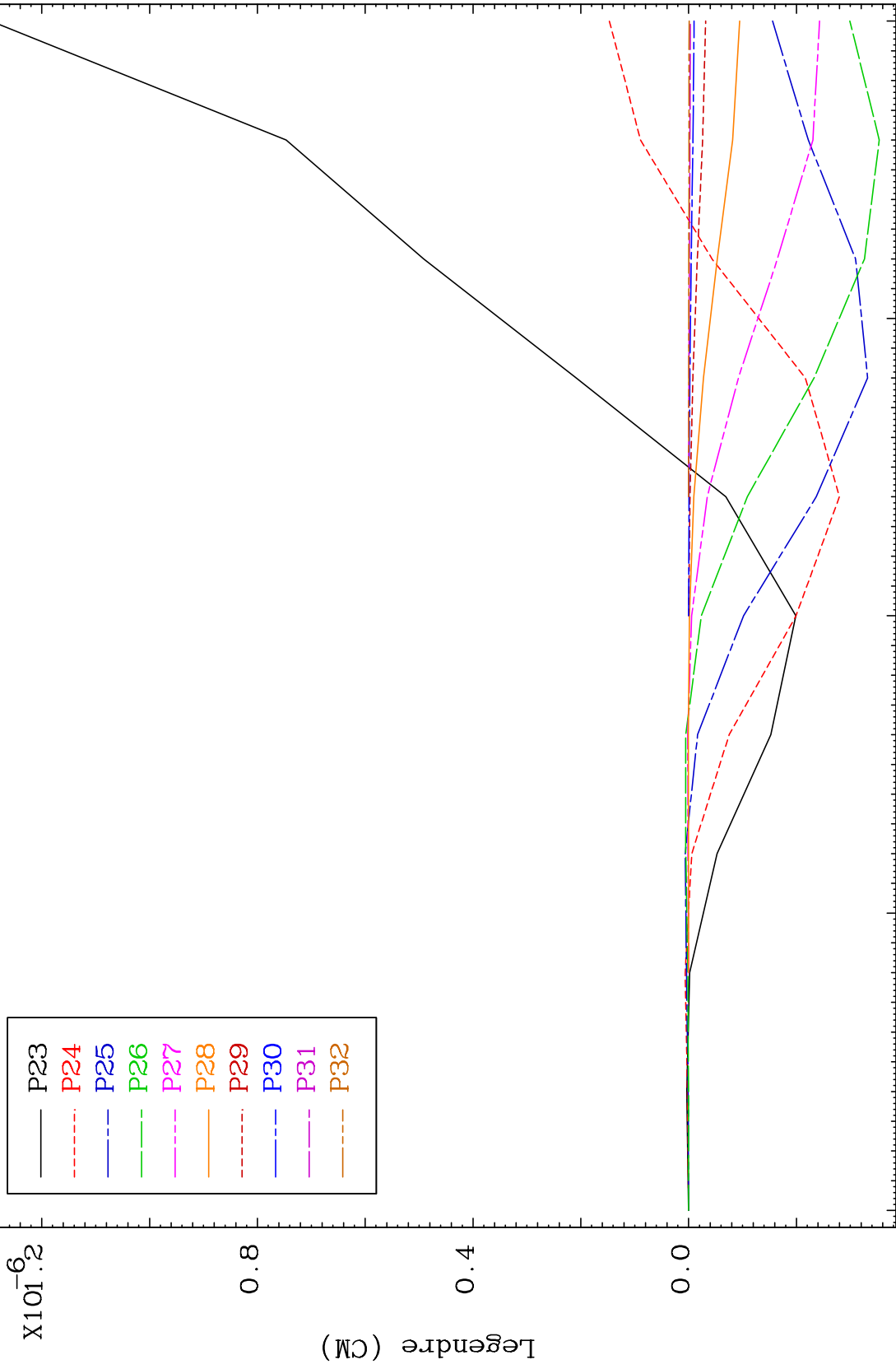
17

21-Sc-51

MAT 2143

Elastic Legendre Coefficients

21-Sc-51



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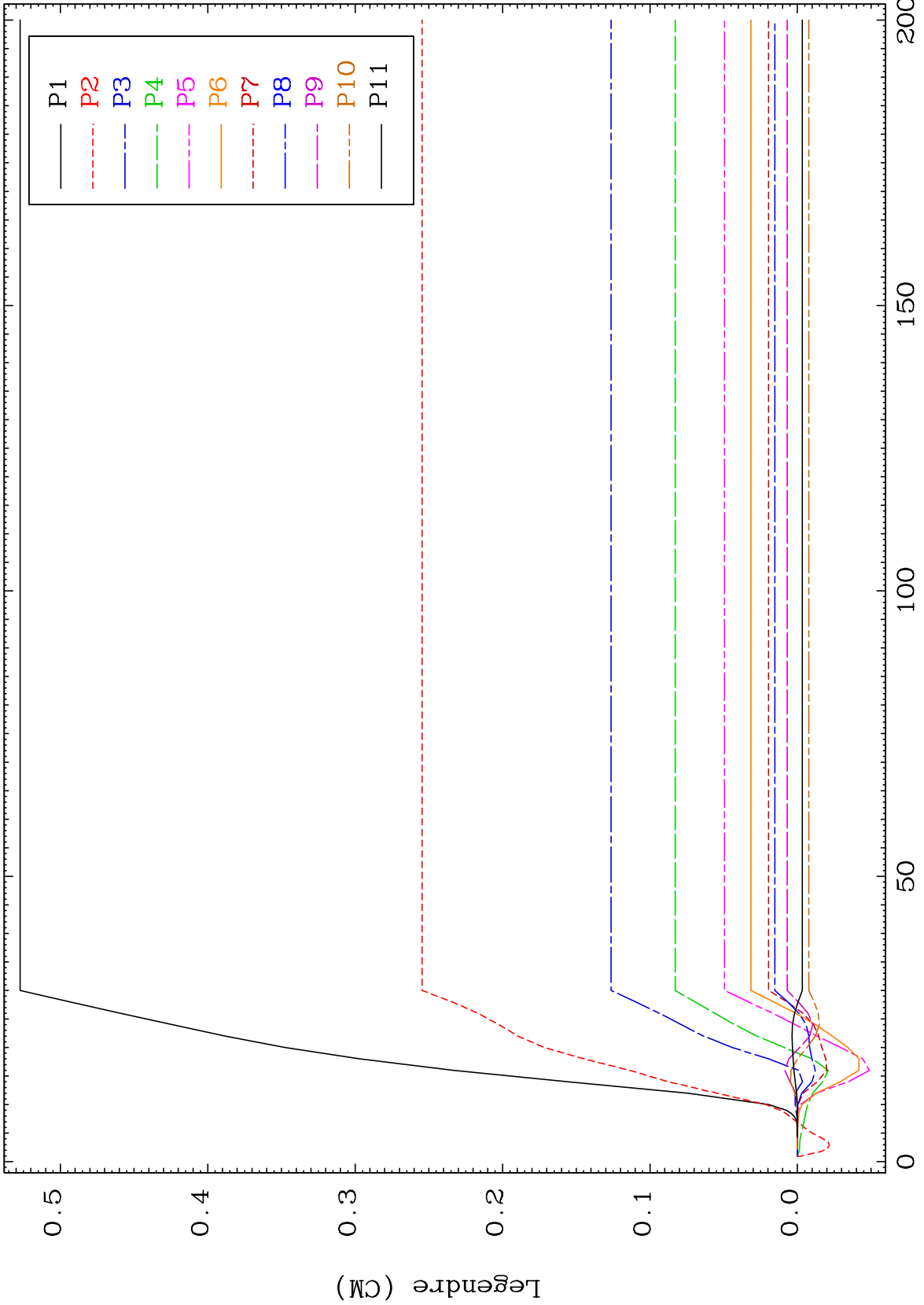
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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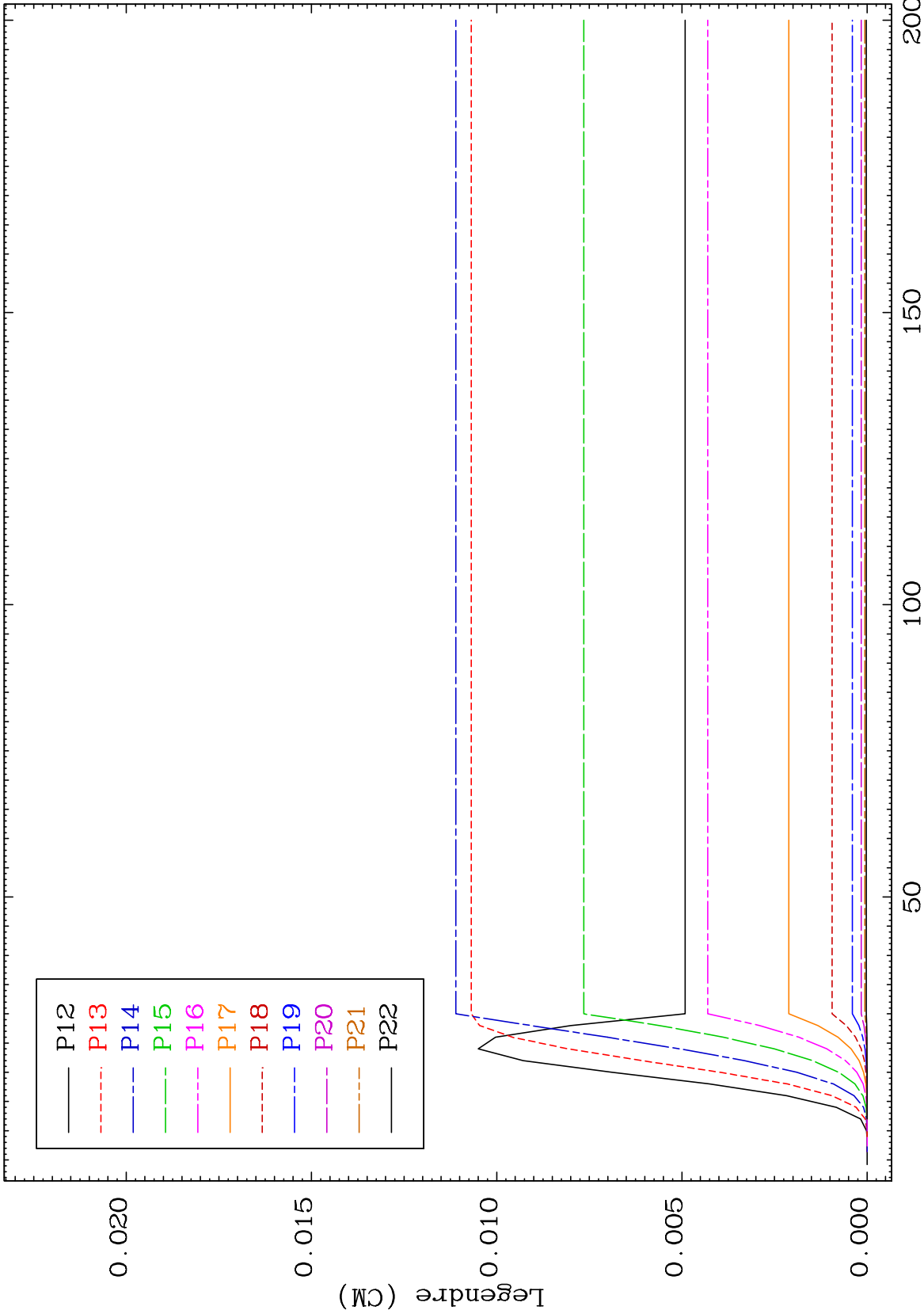
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



20

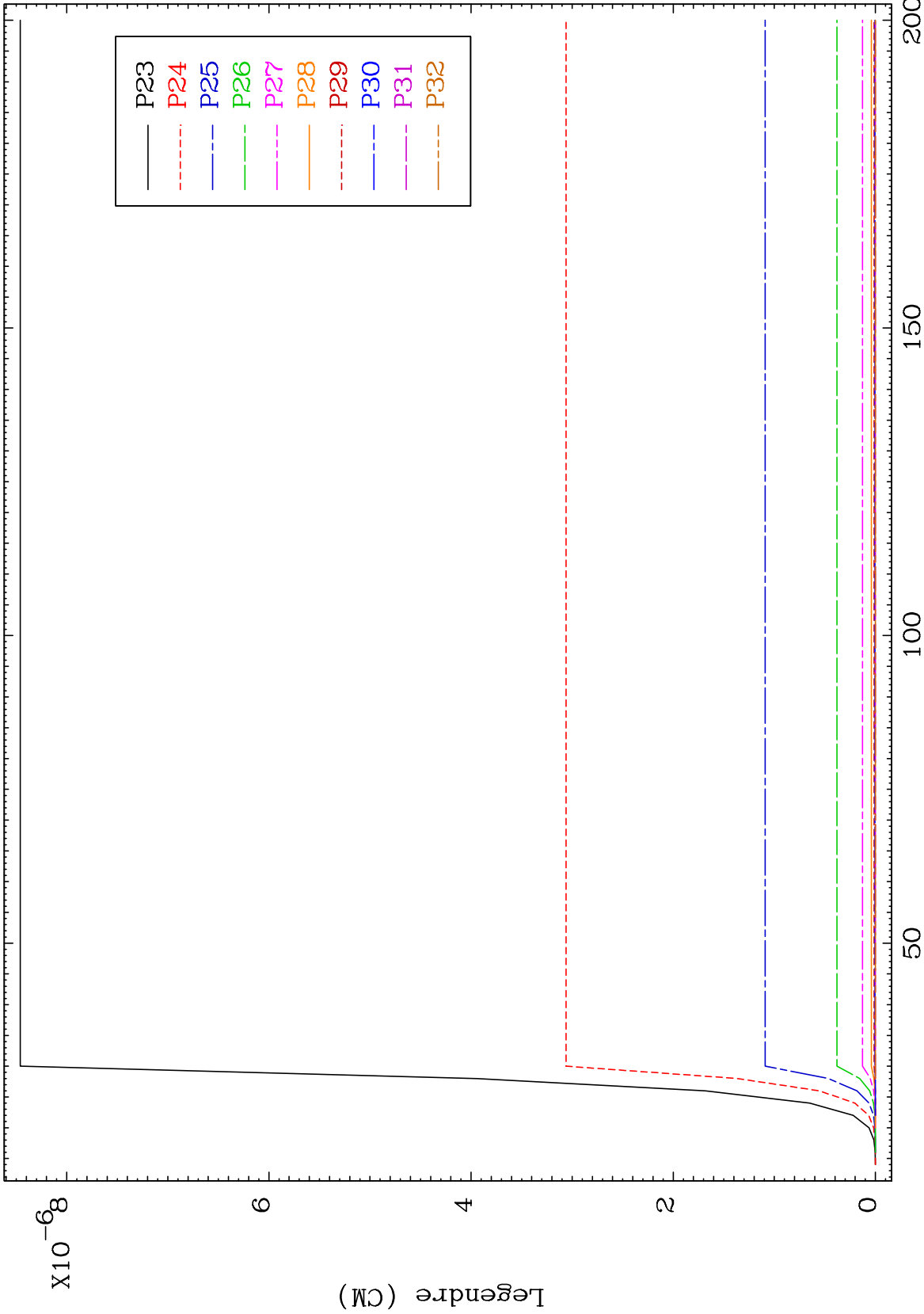
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



21

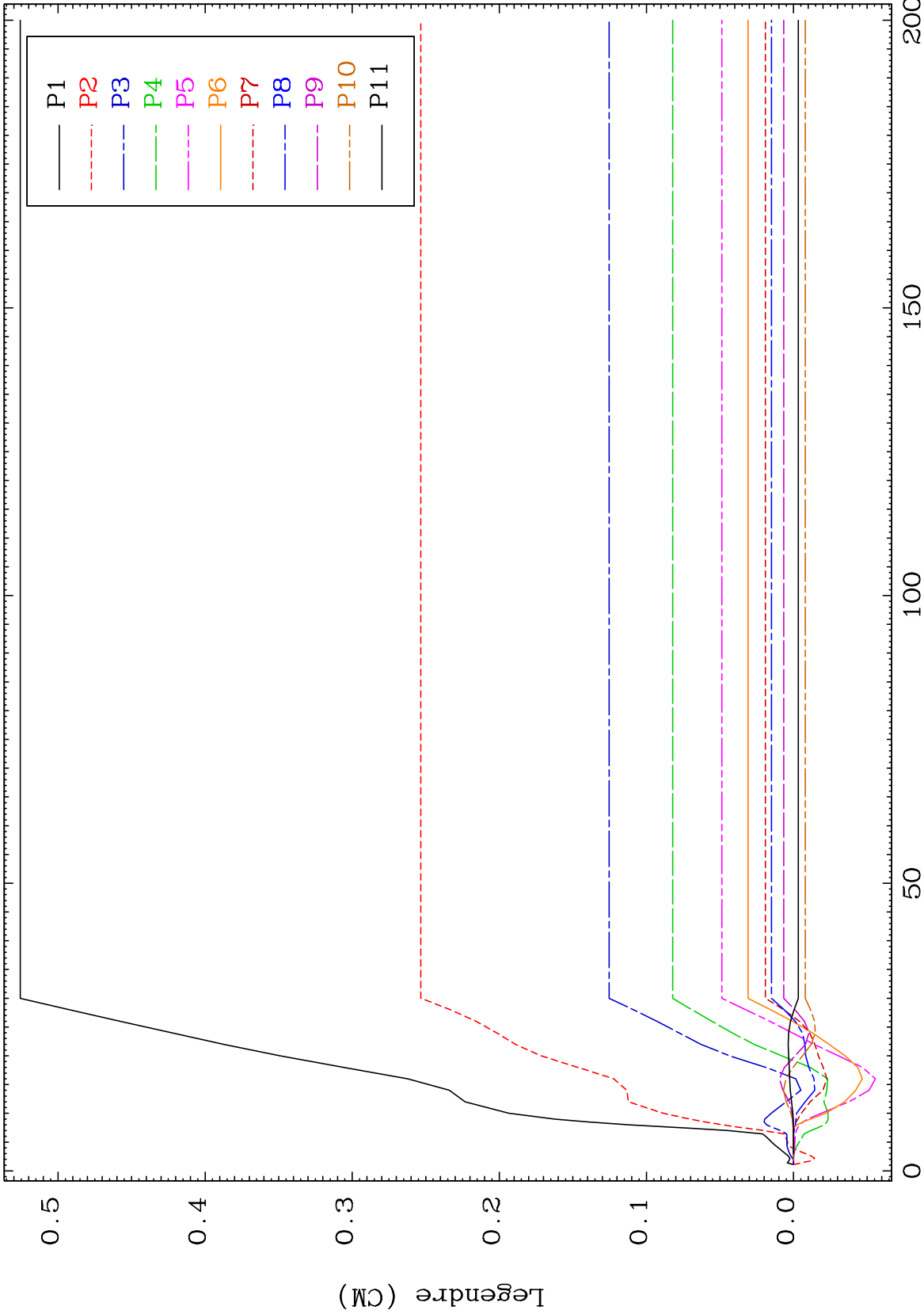
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



22

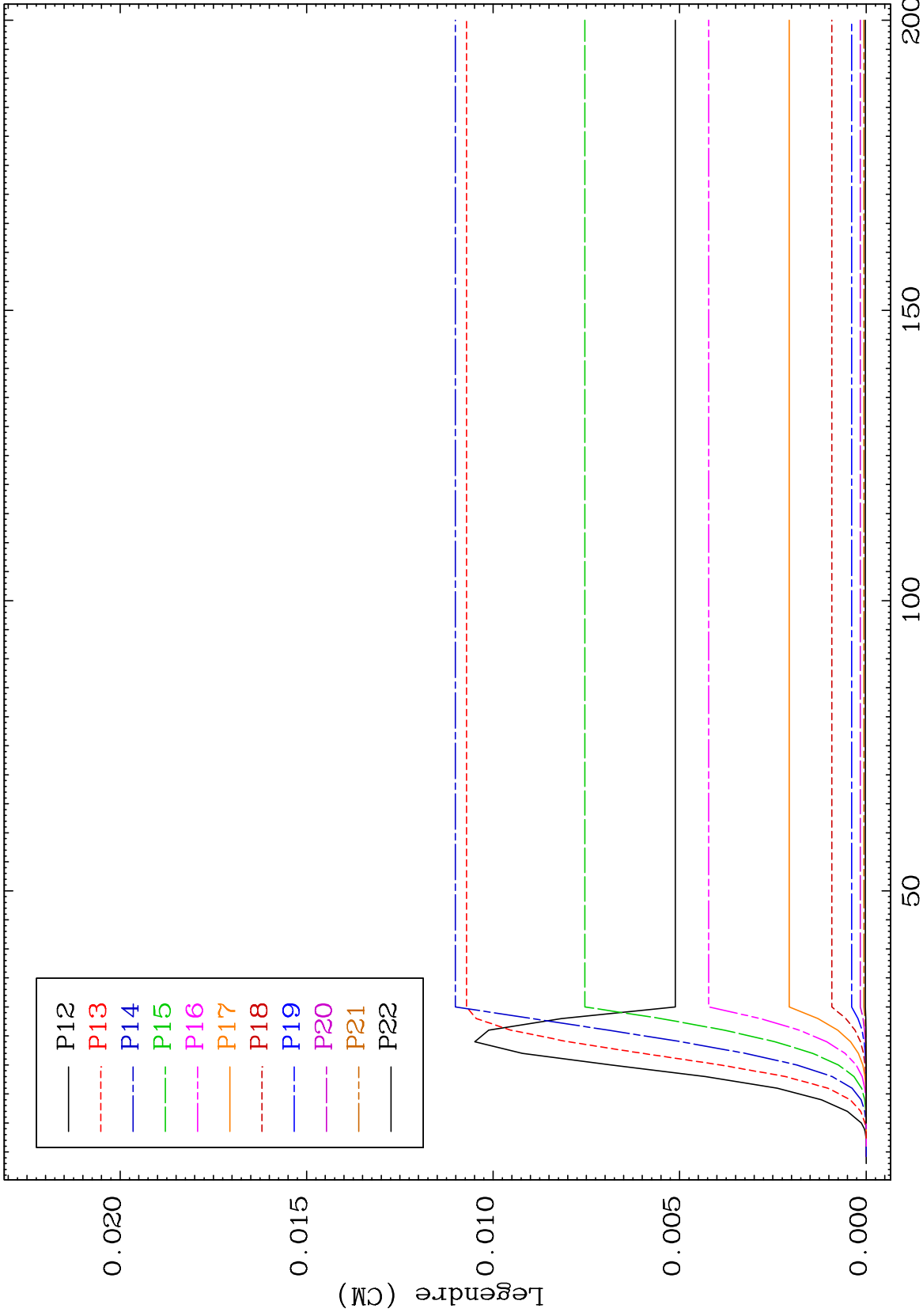
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



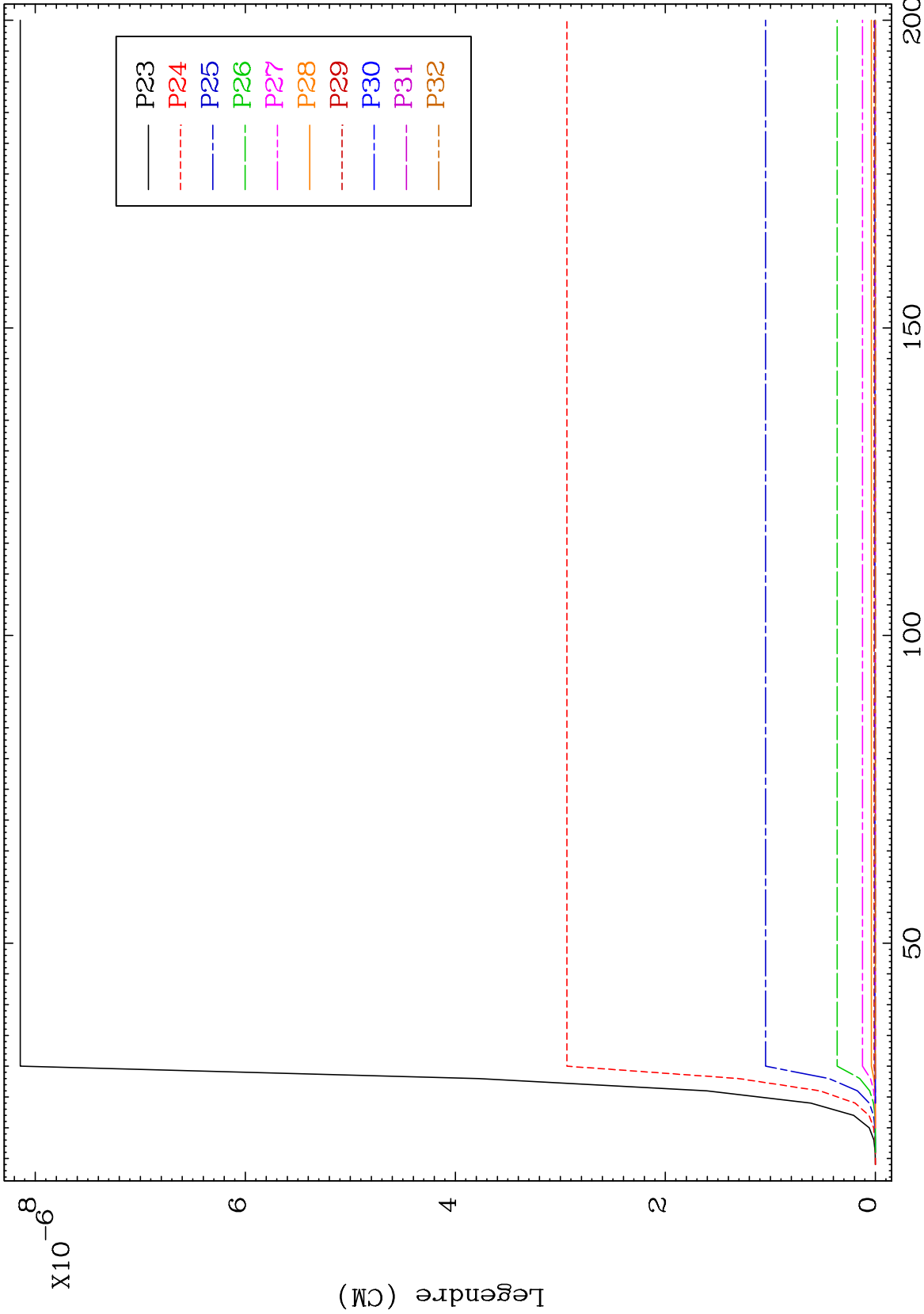
23

21-Sc-51

MAT 2143

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

21-Sc-51



24

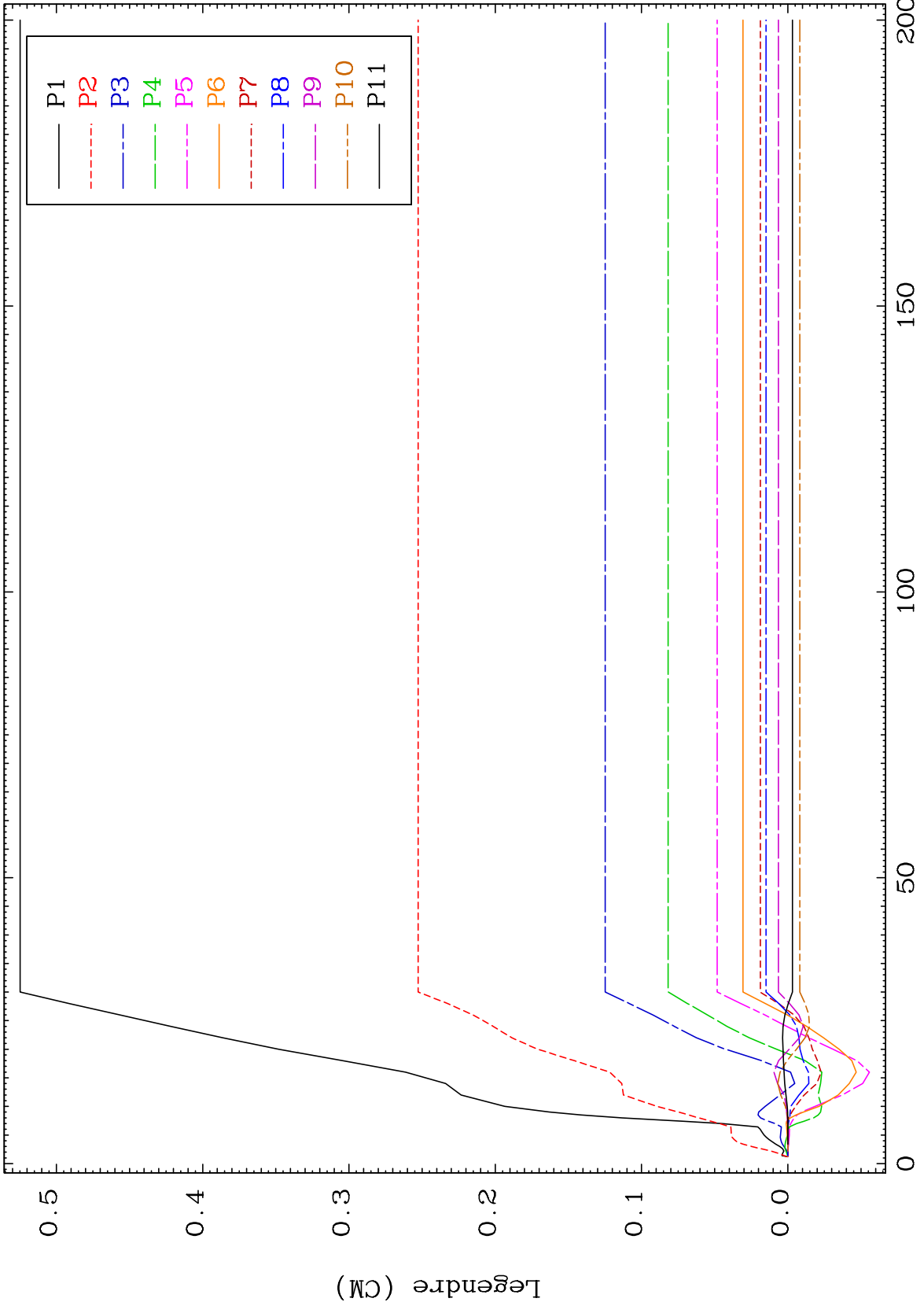
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



25

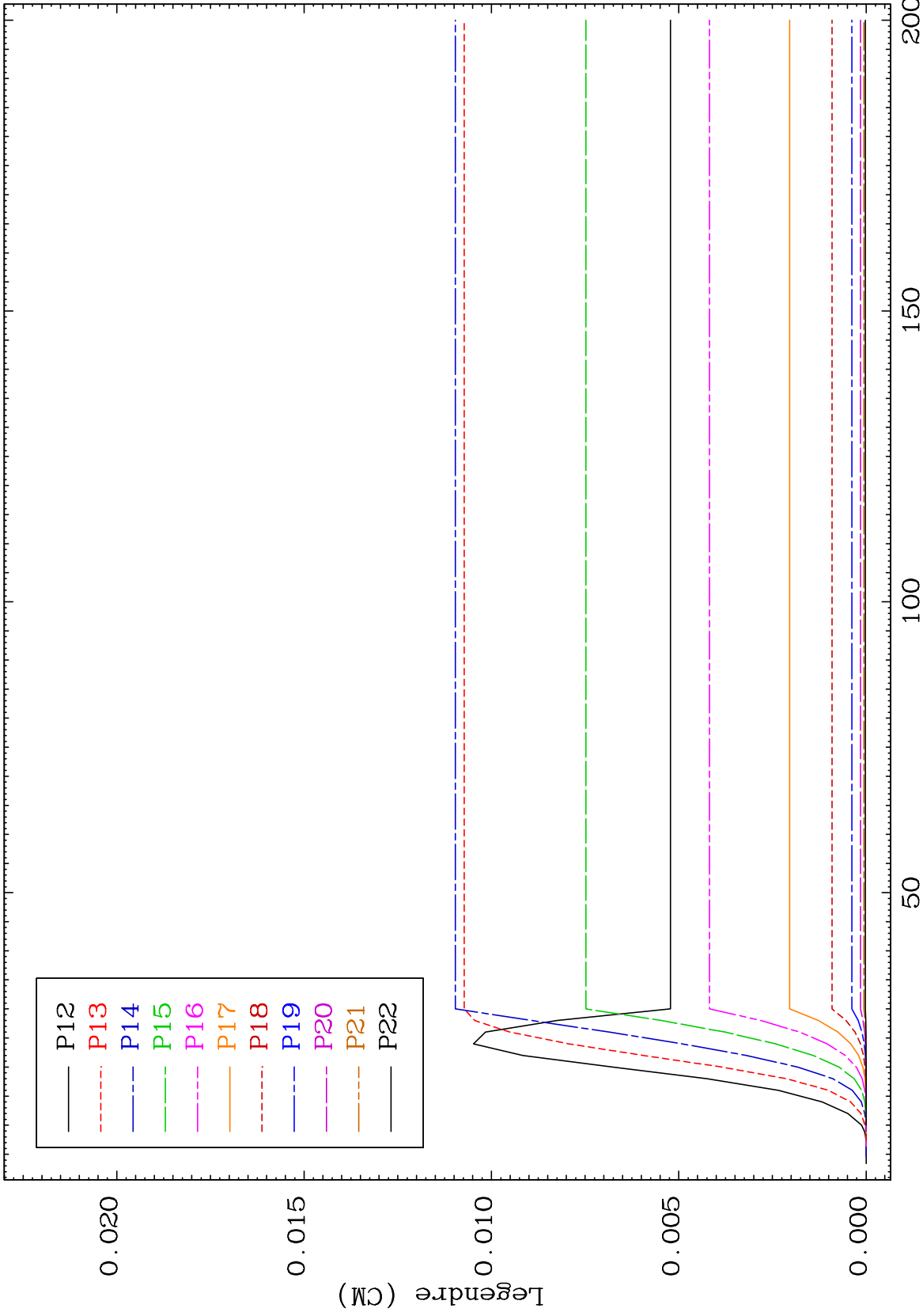
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



26

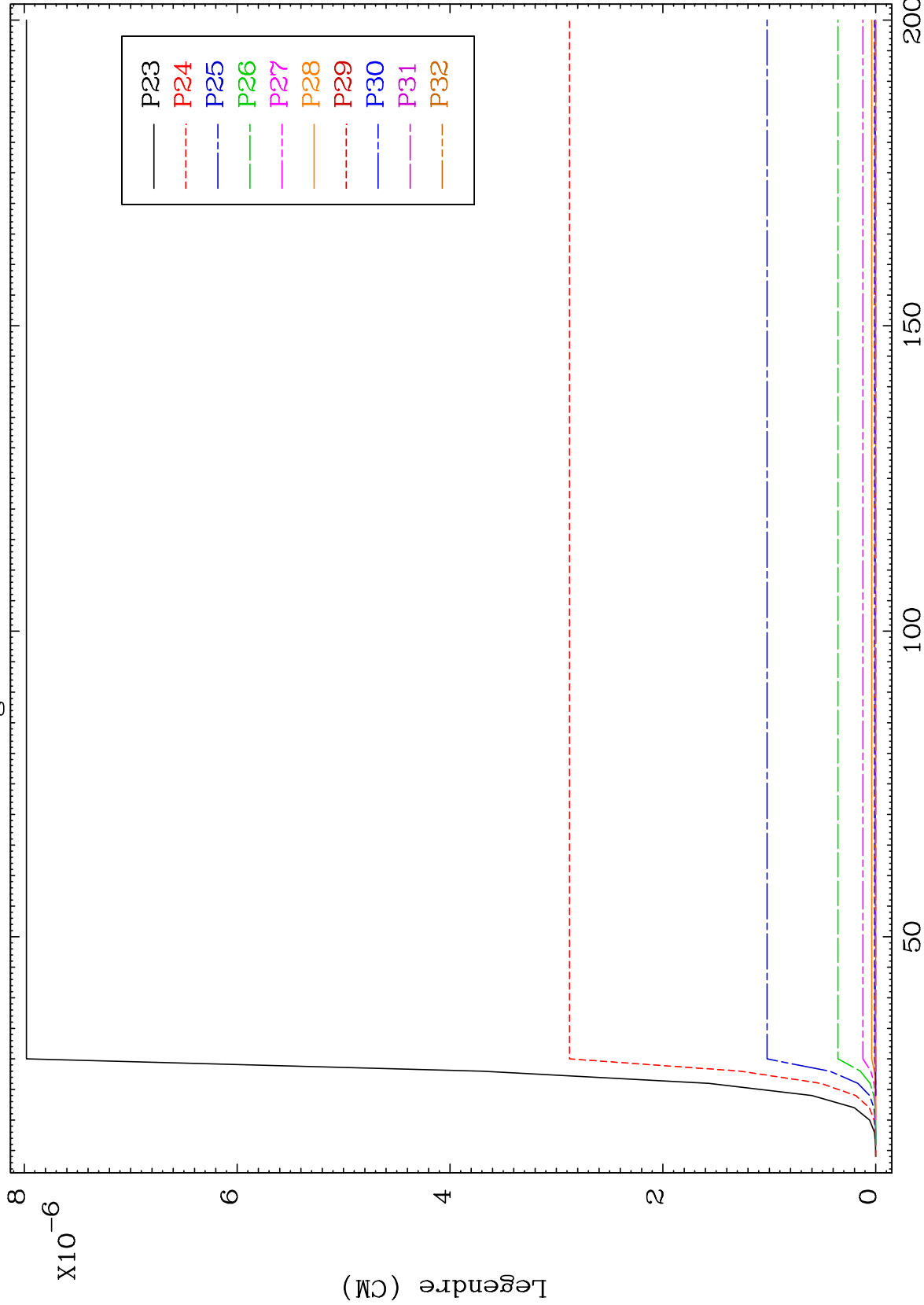
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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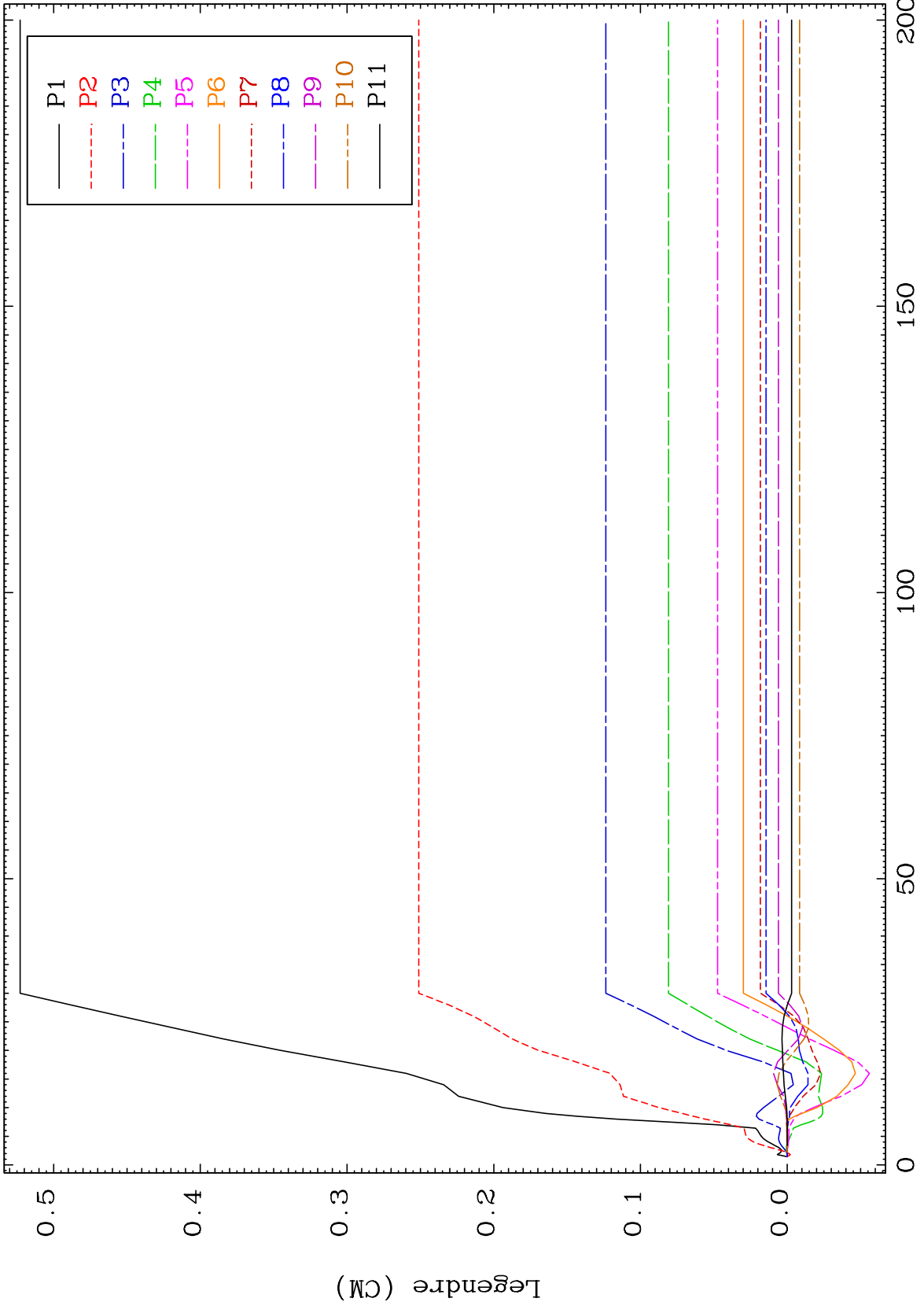
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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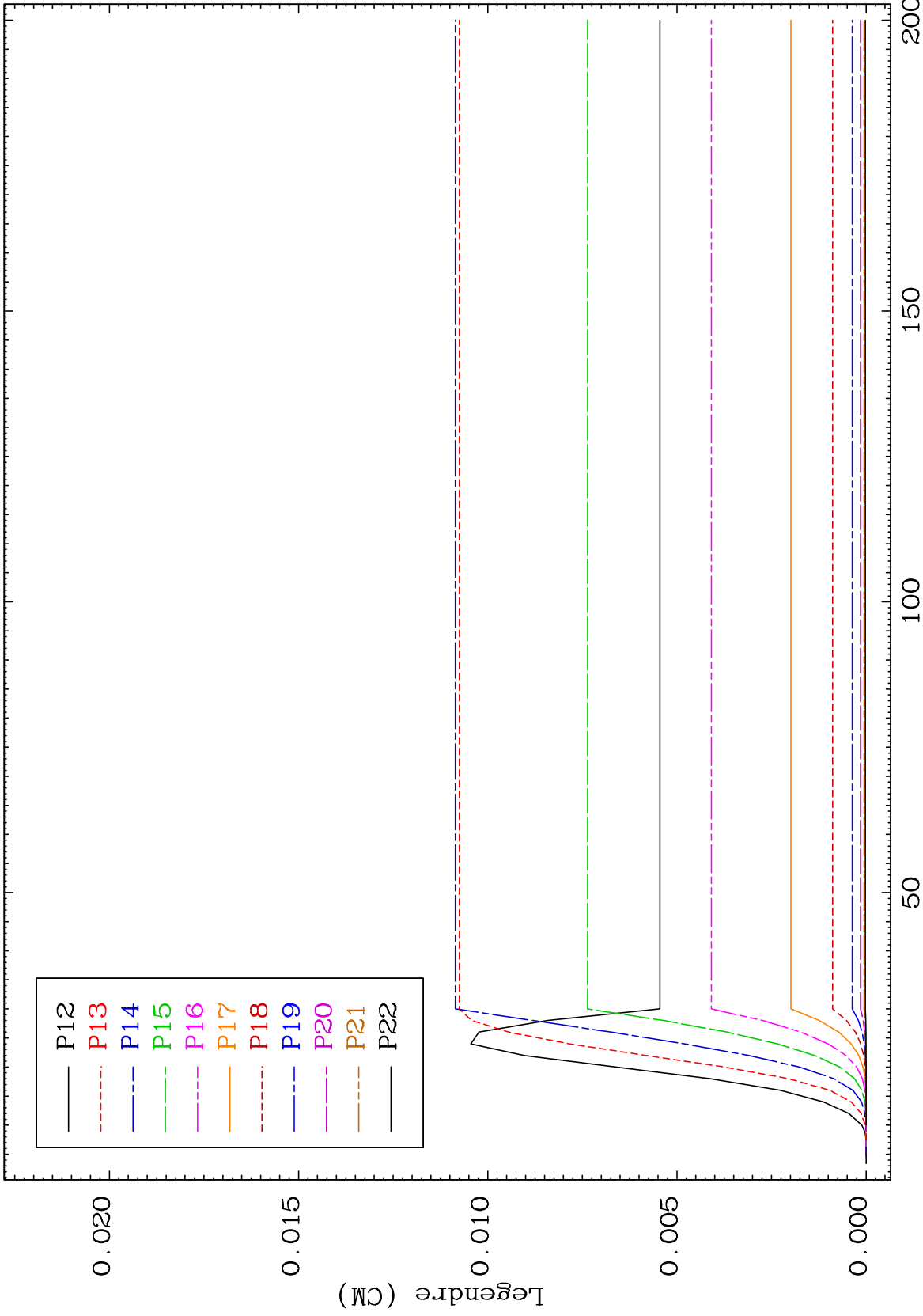
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



29

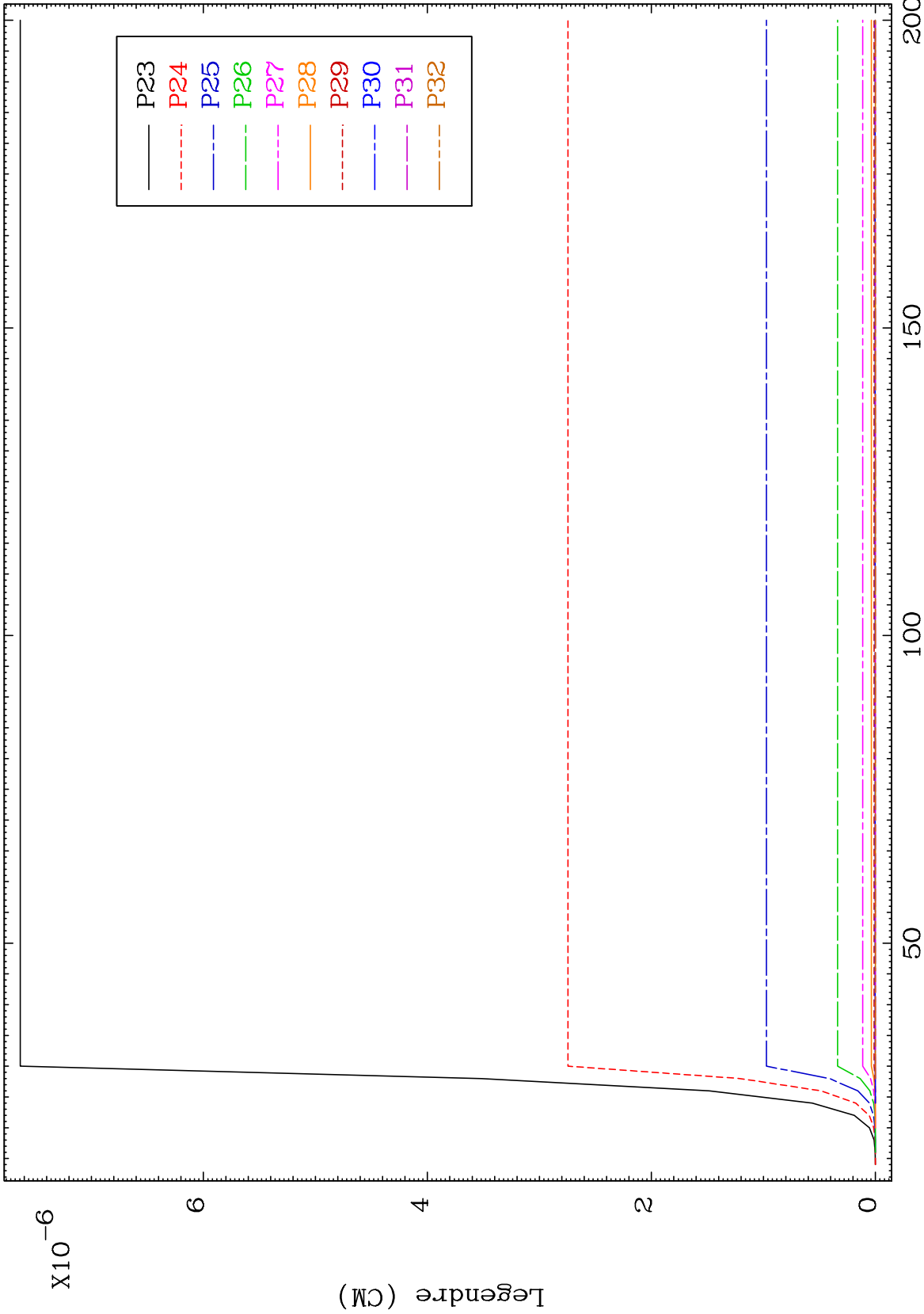
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



30

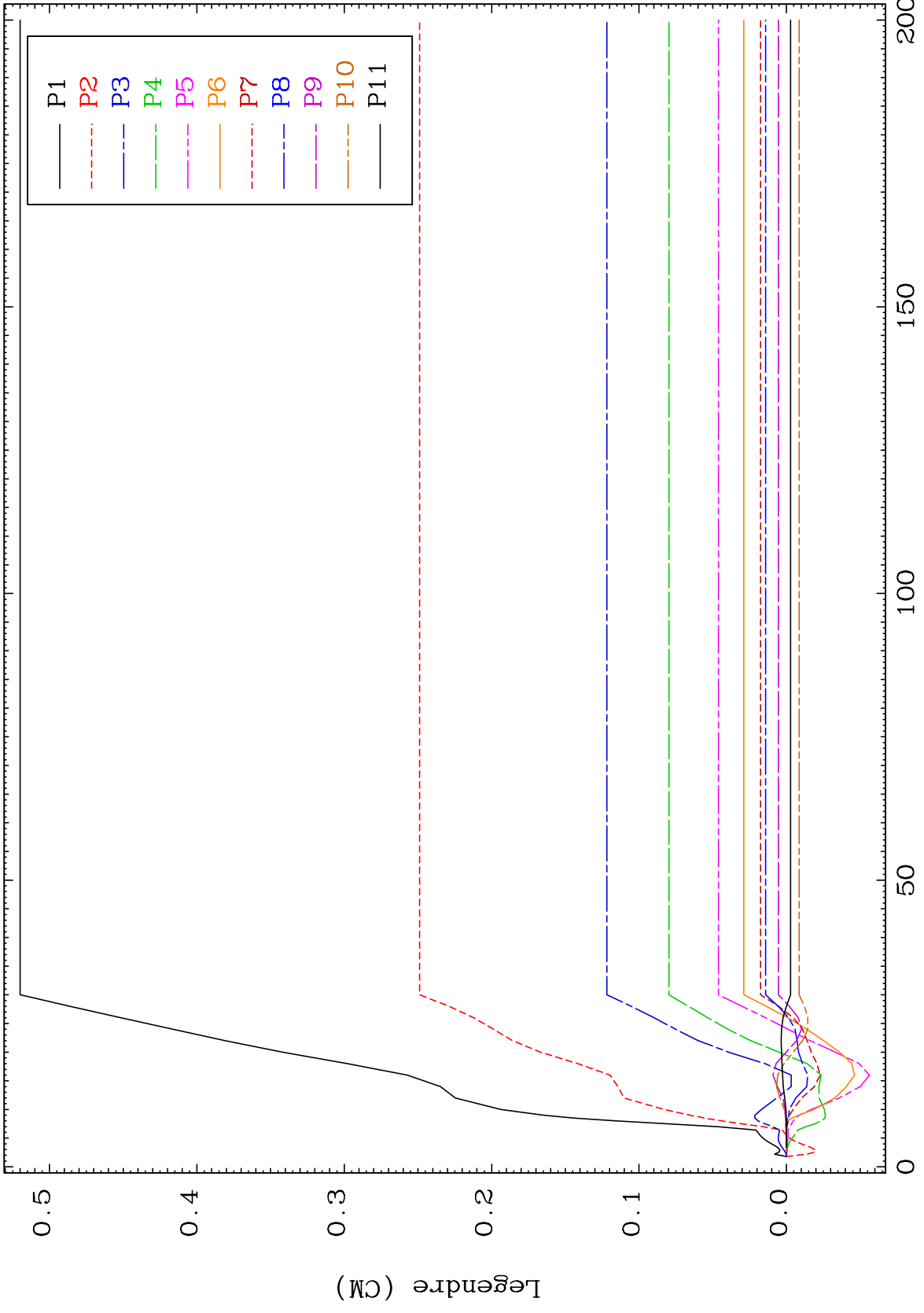
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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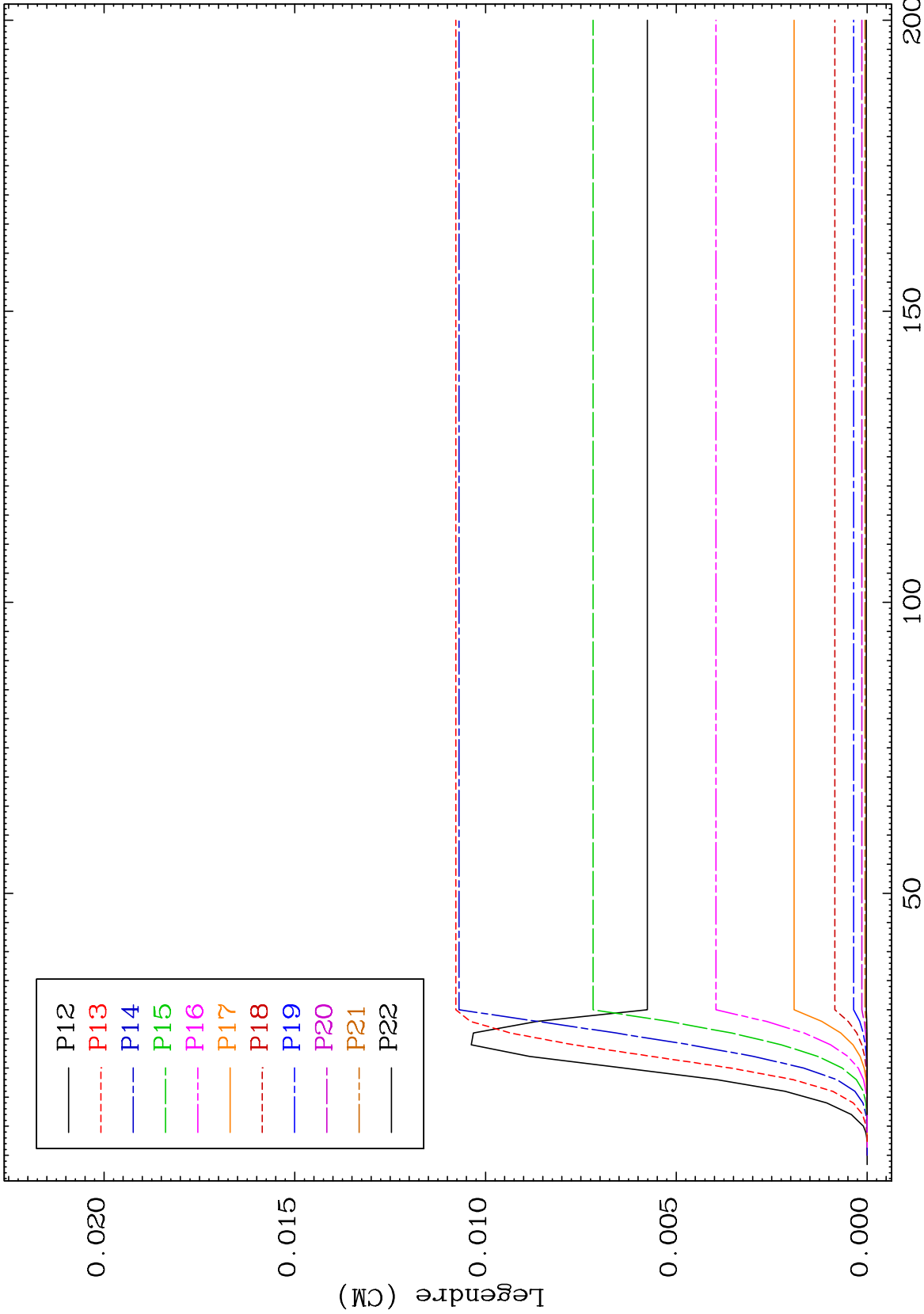
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



32

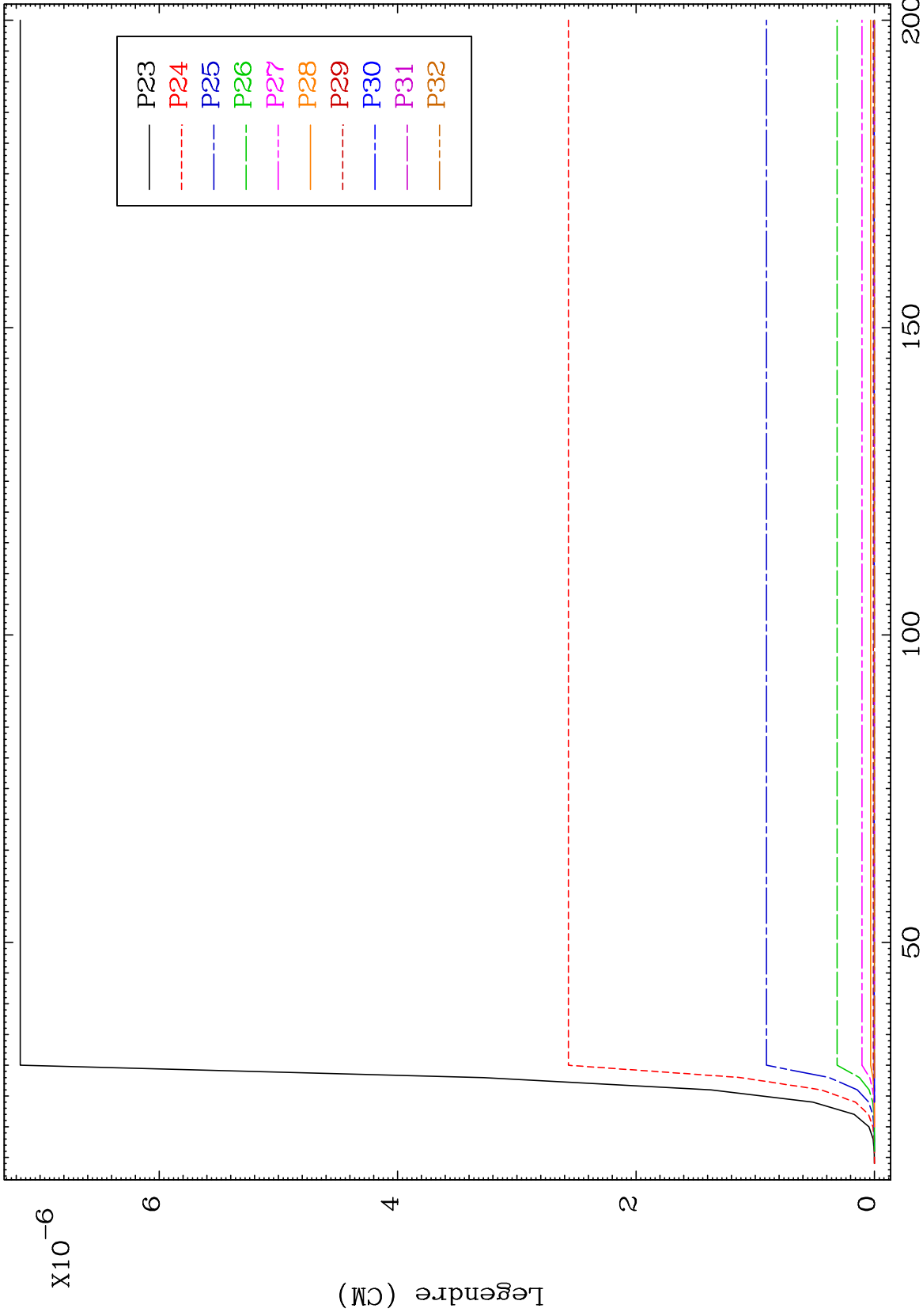
Incident Energy (MeV)

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MAT 2143

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

21-Sc-51



33

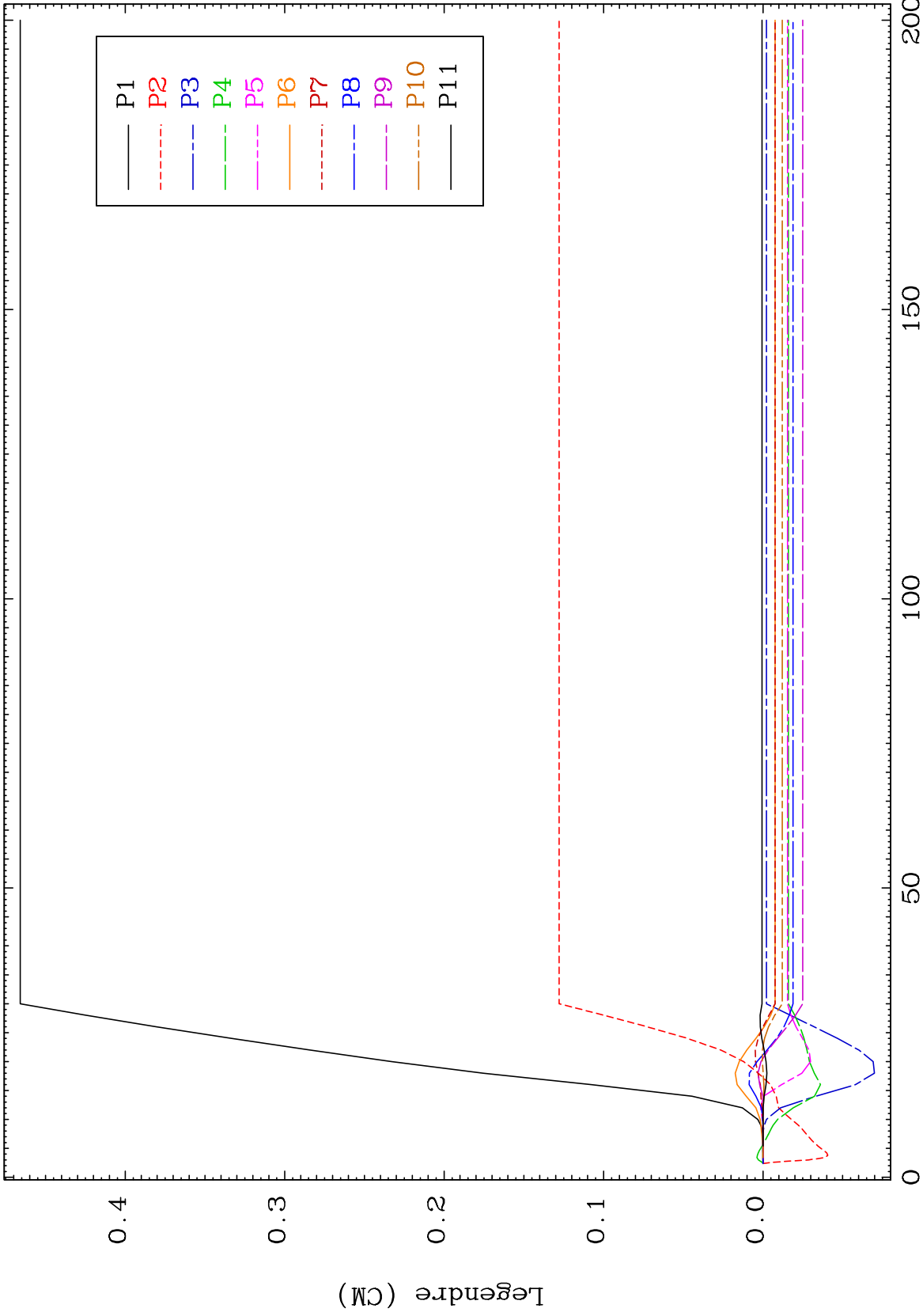
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



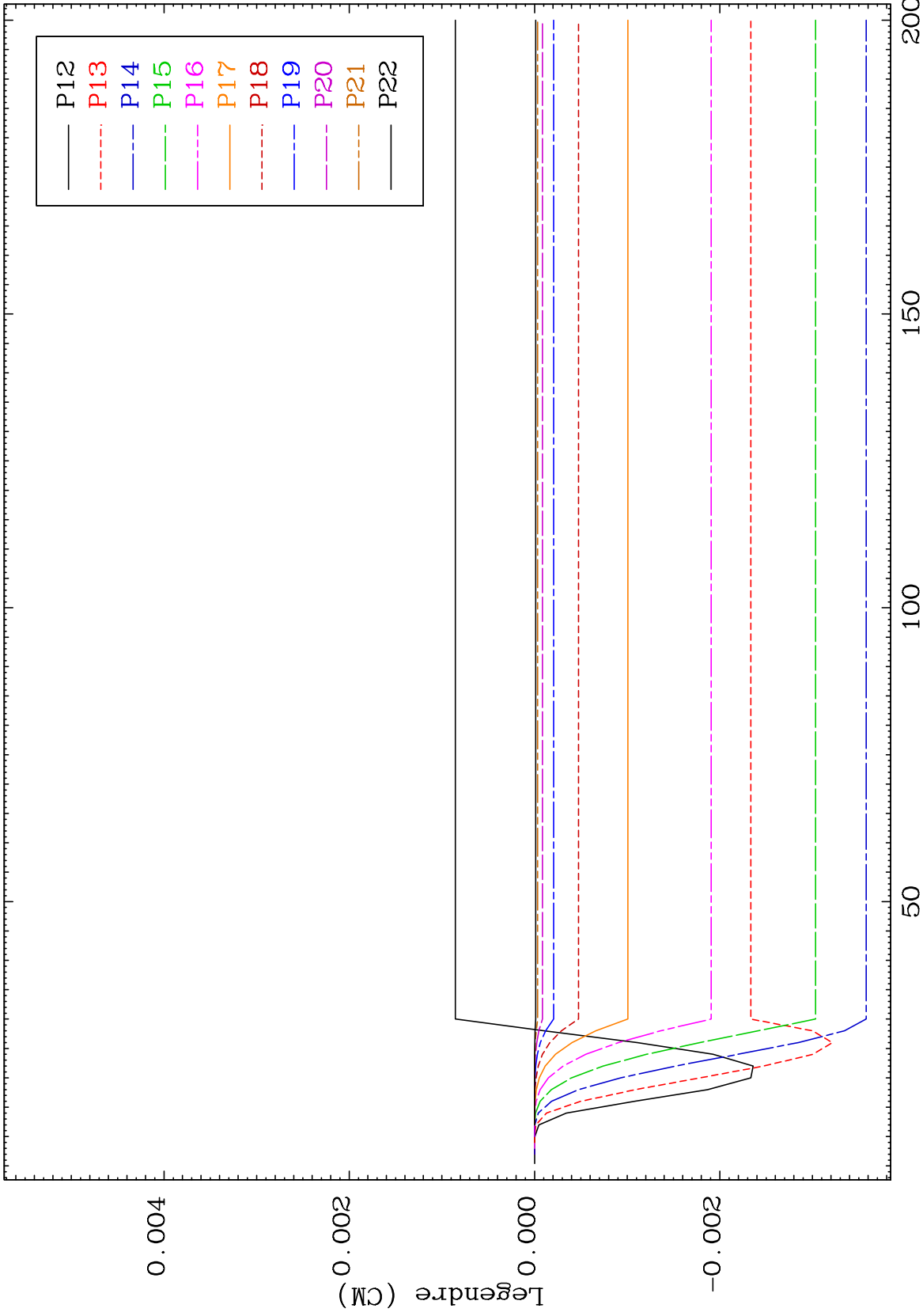
34

21-Sc-51

MAT 2143

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

21-Sc-51

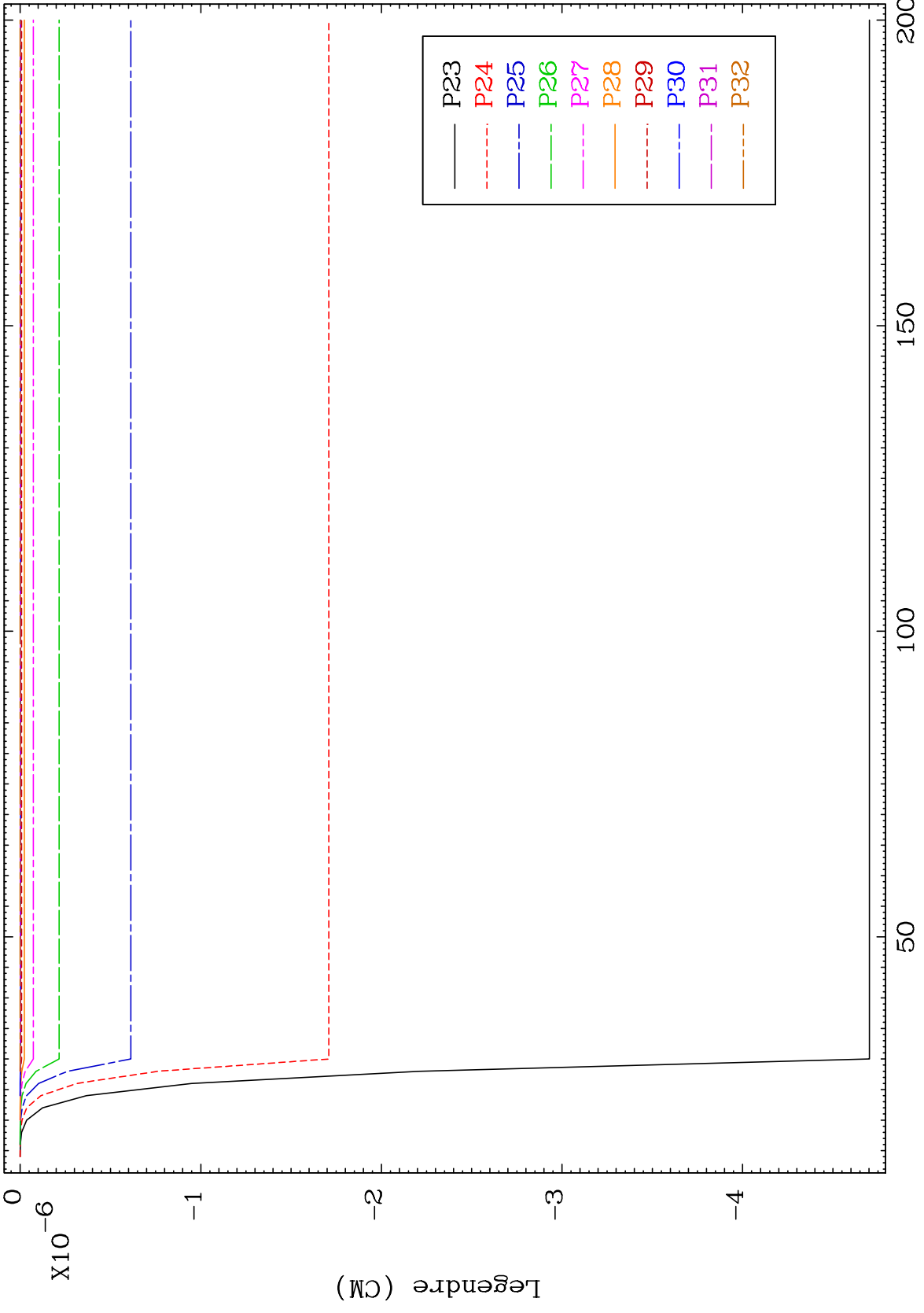


35

Incident Energy (MeV)

21-Sc-51

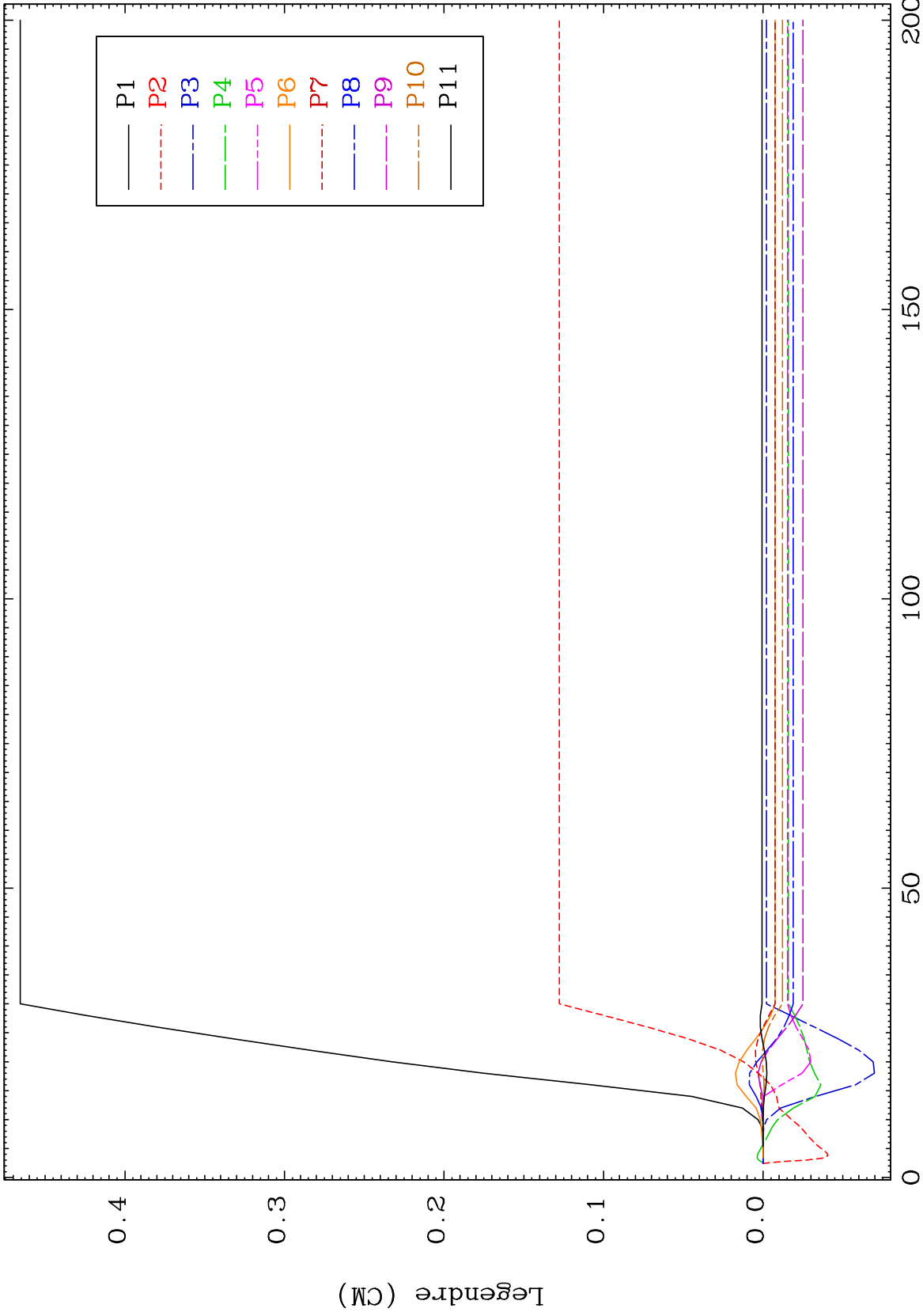
MAT 2143 MT= 56 (n,n') Level Legendre Coefficients 21-Sc-51



MAT 2143

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

21-Sc-51



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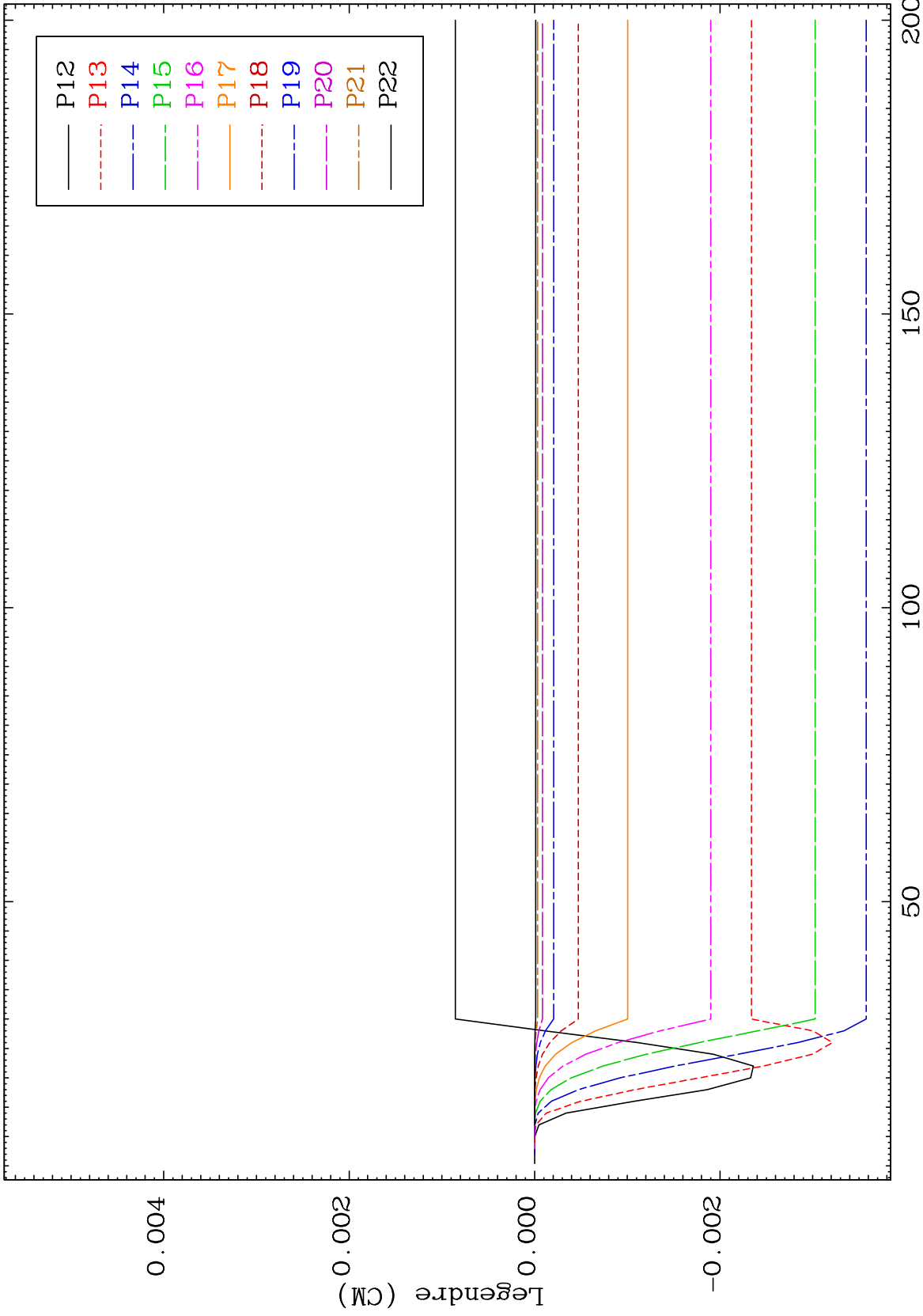
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51

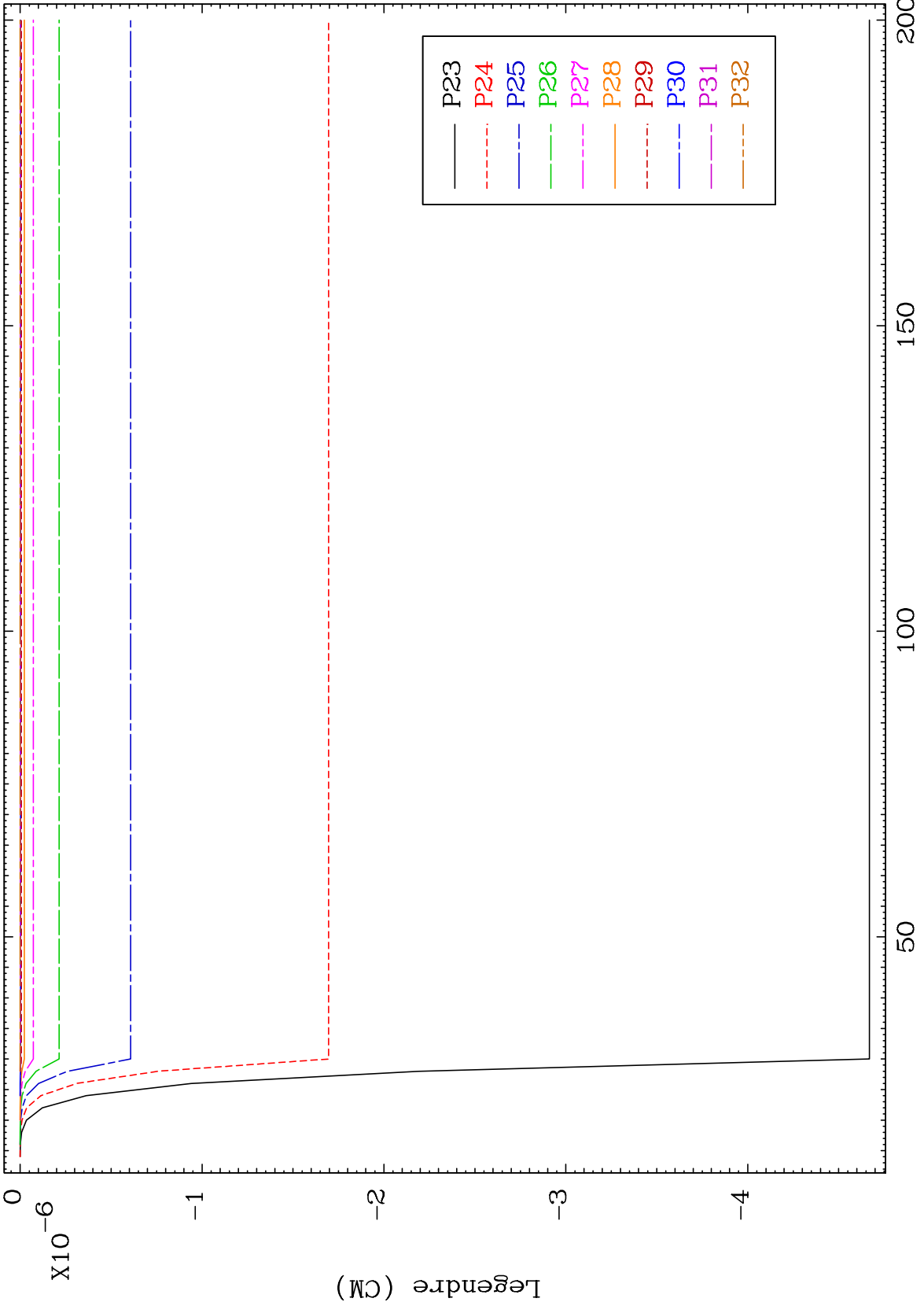


38

Incident Energy (MeV)

21-Sc-51

MAT 2143 MT= 57 (n,n') Level Legendre Coefficients 21-Sc-51

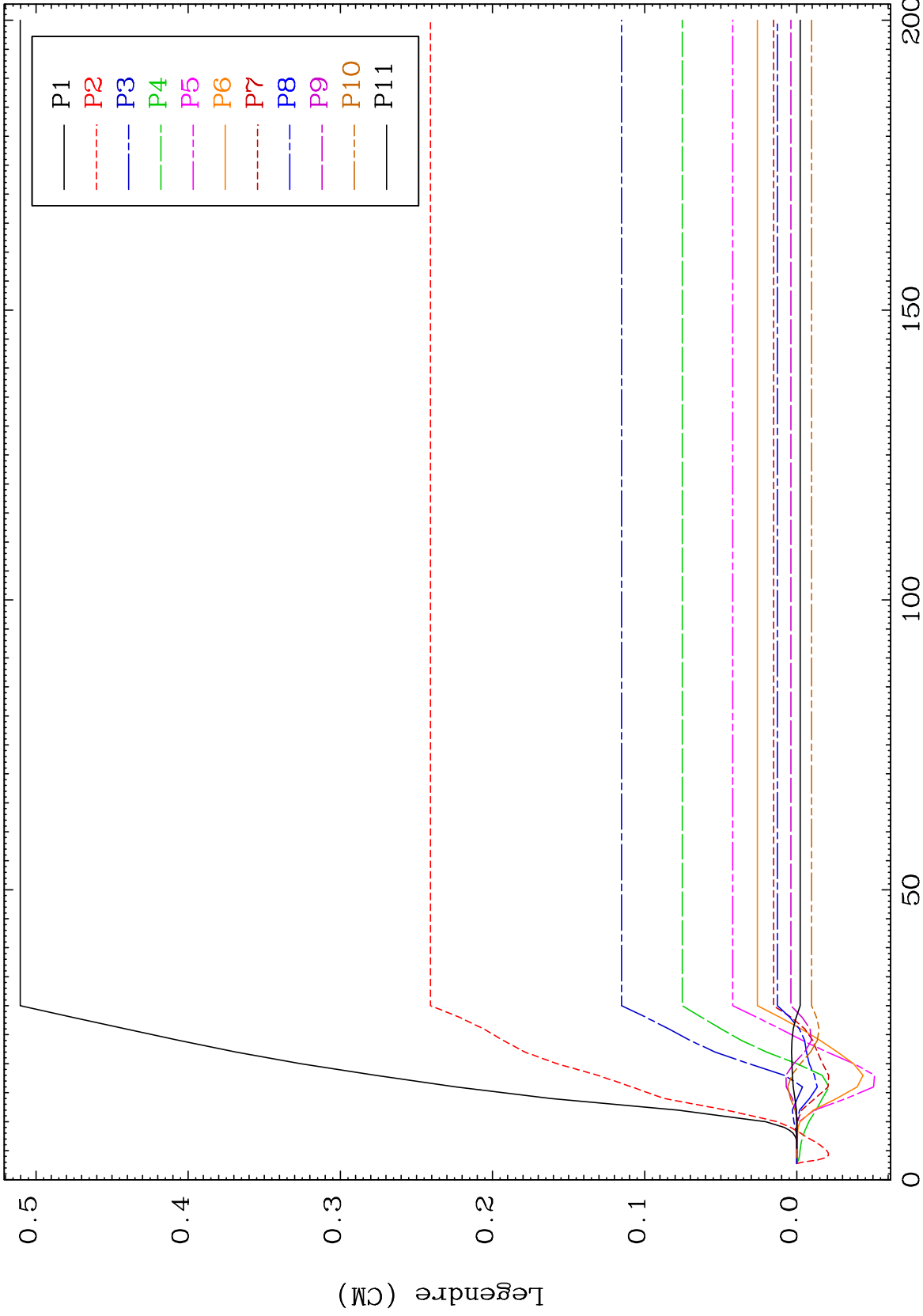


39 Incident Energy (MeV) 21-Sc-51

MAT 2143

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

21-Sc-51



21-Sc-51

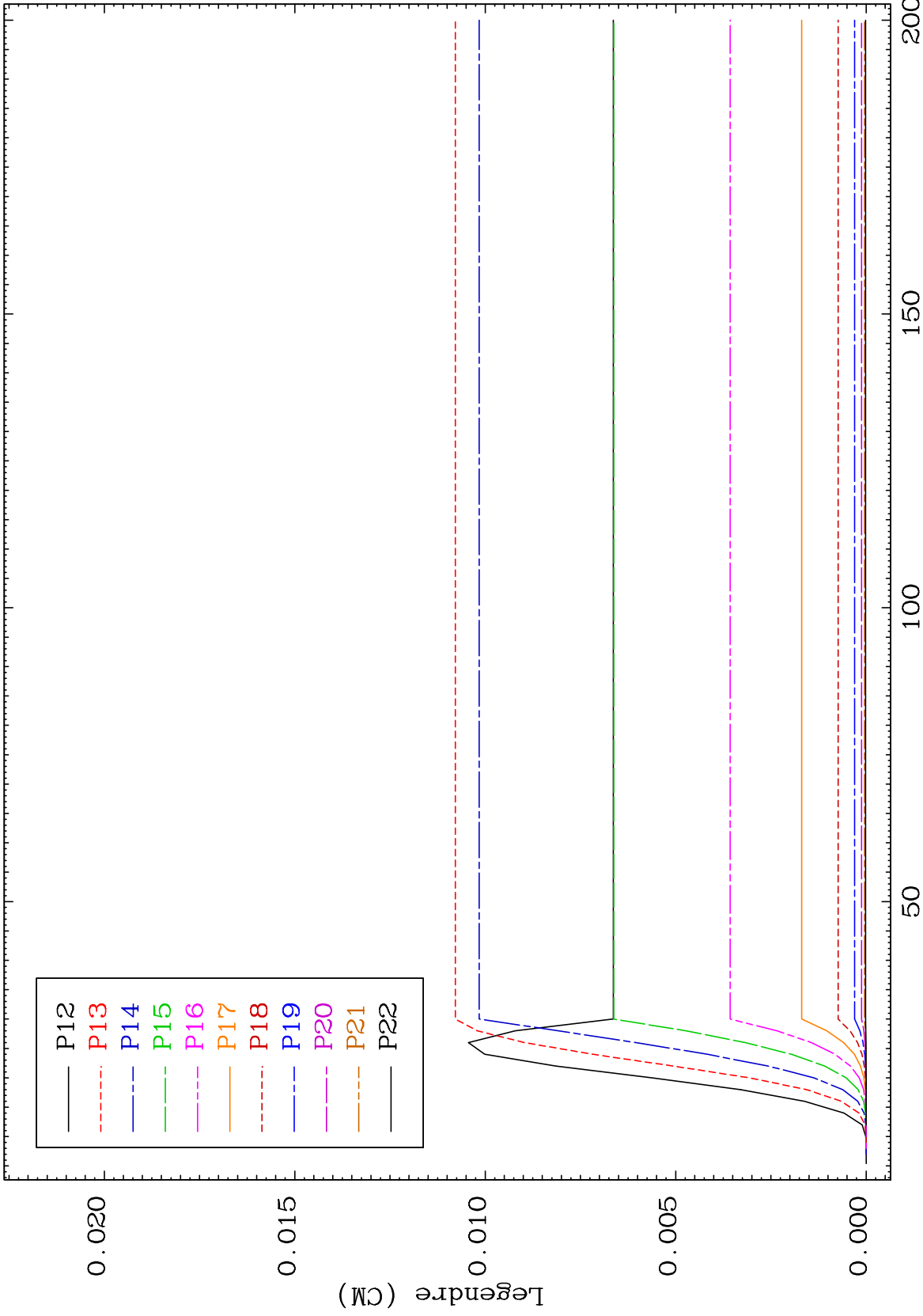
Incident Energy (MeV)

40

MAT 2143

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

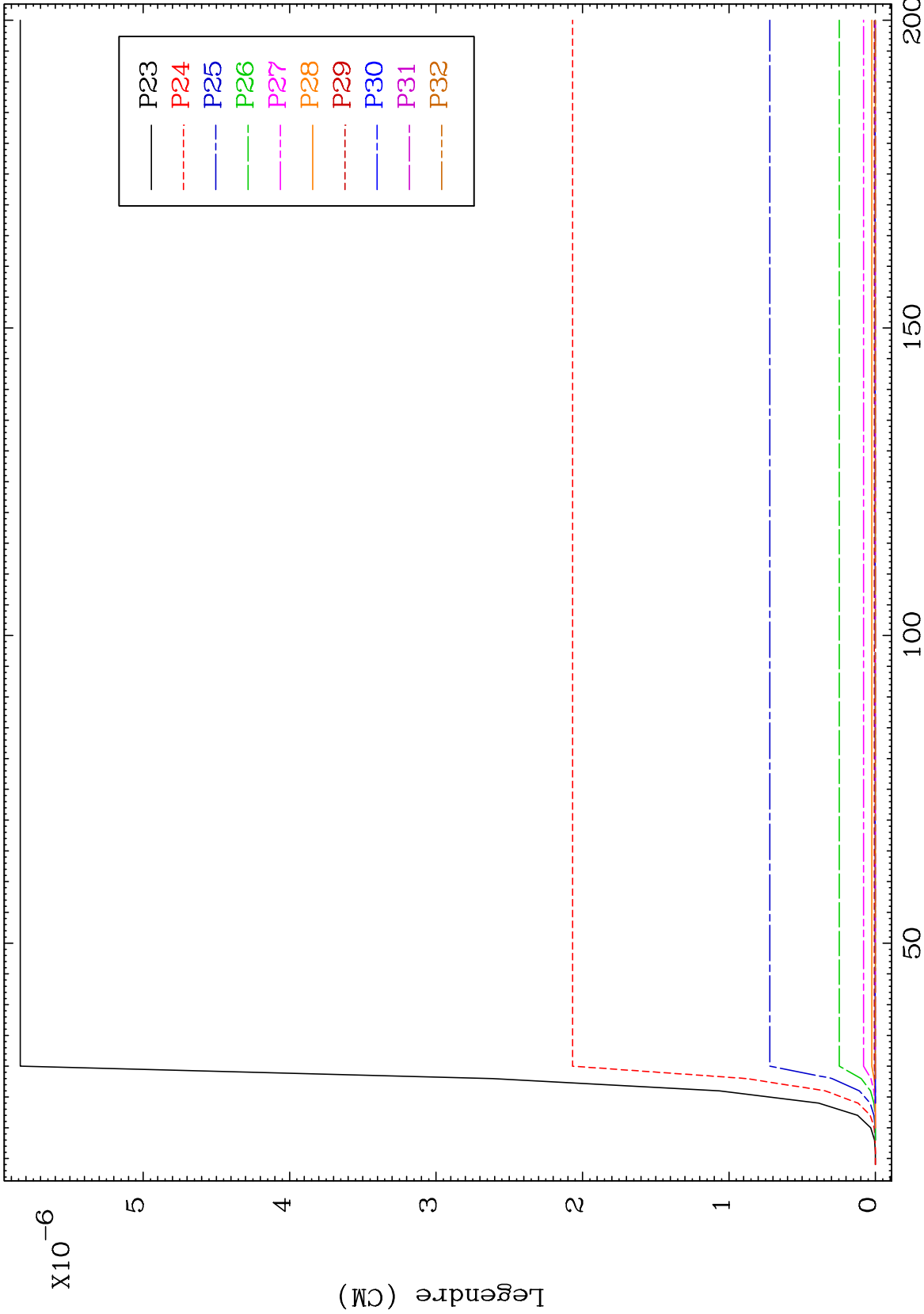
21-Sc-51



MAT 2143

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

21-Sc-51



42

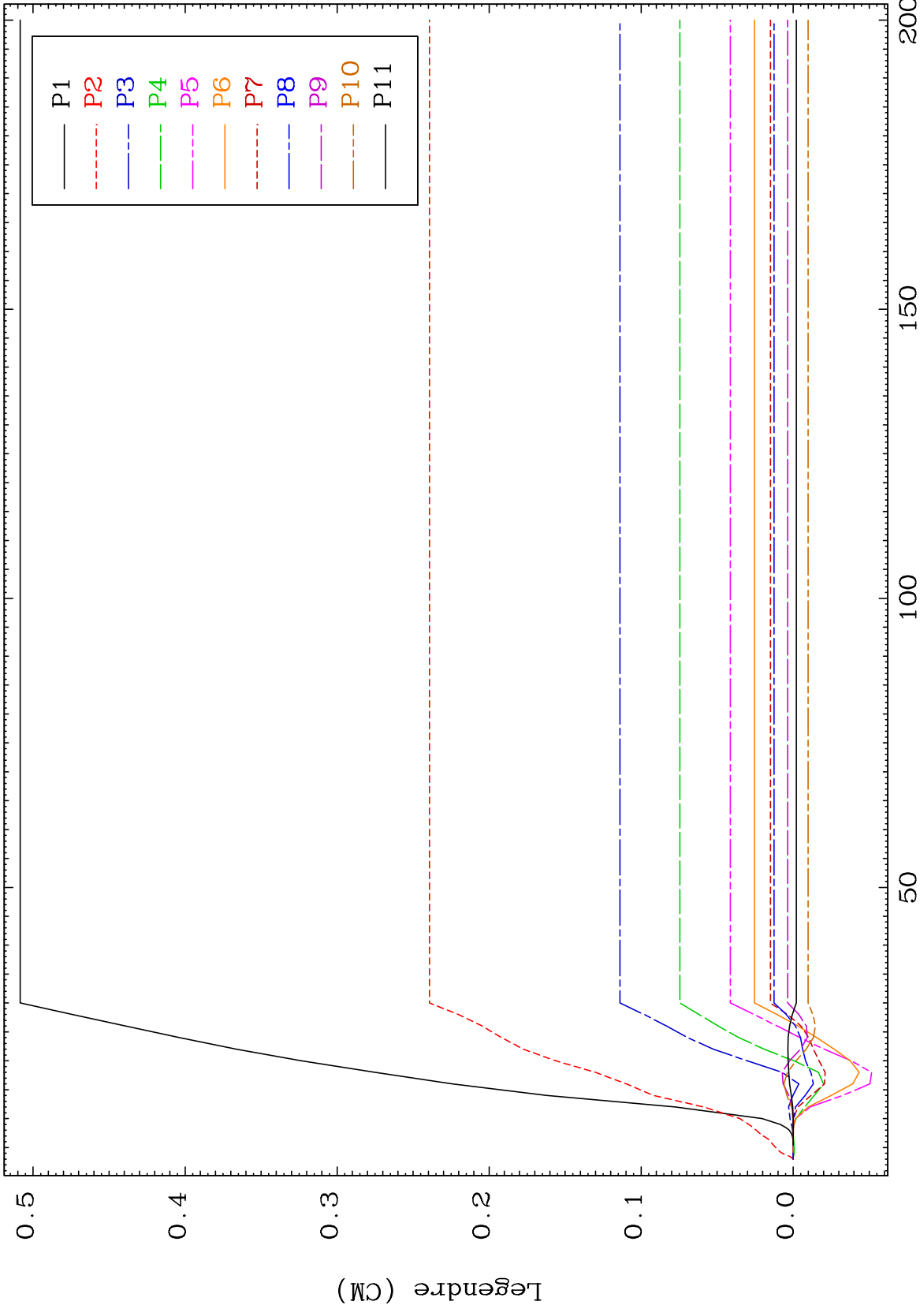
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



43

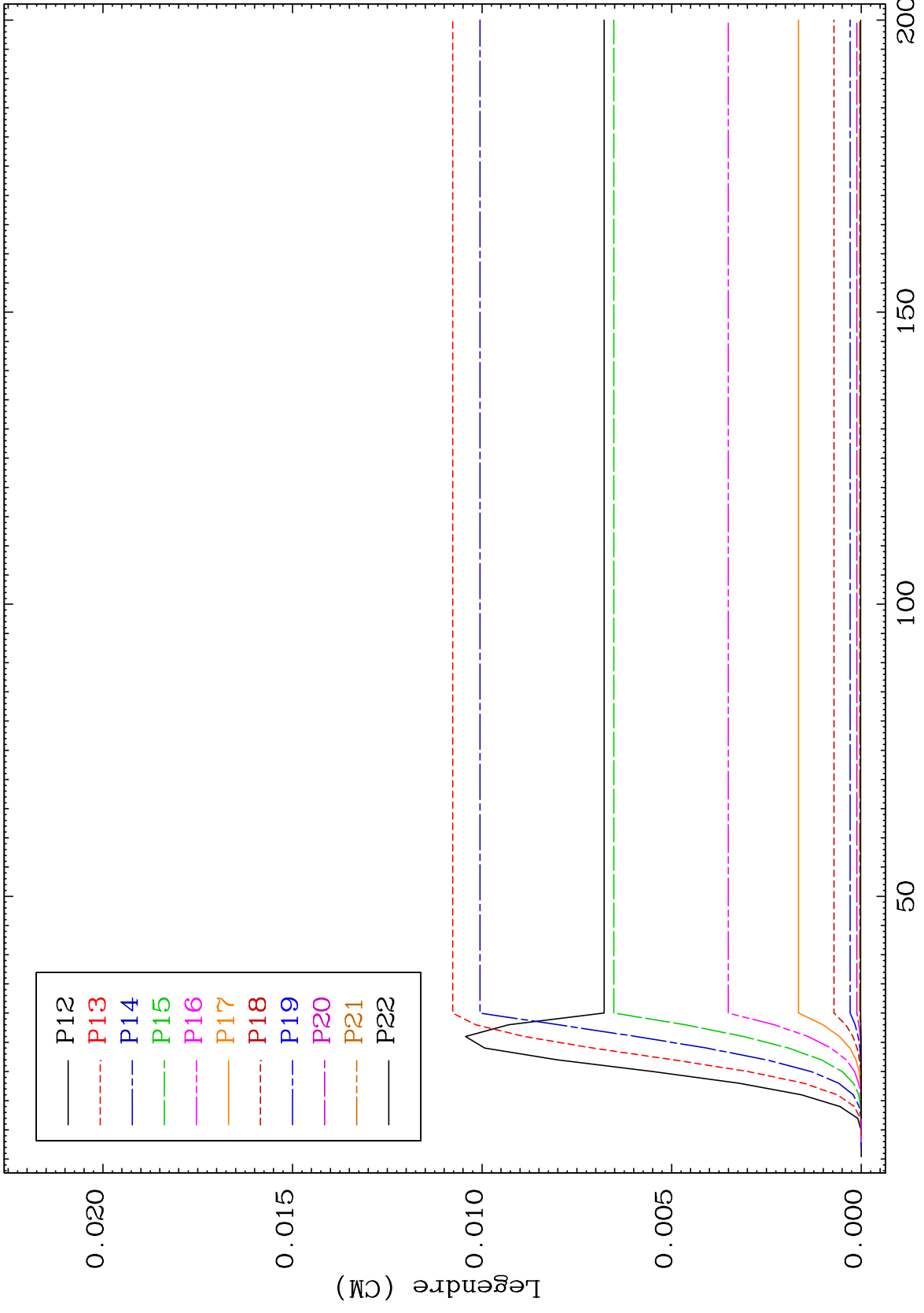
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

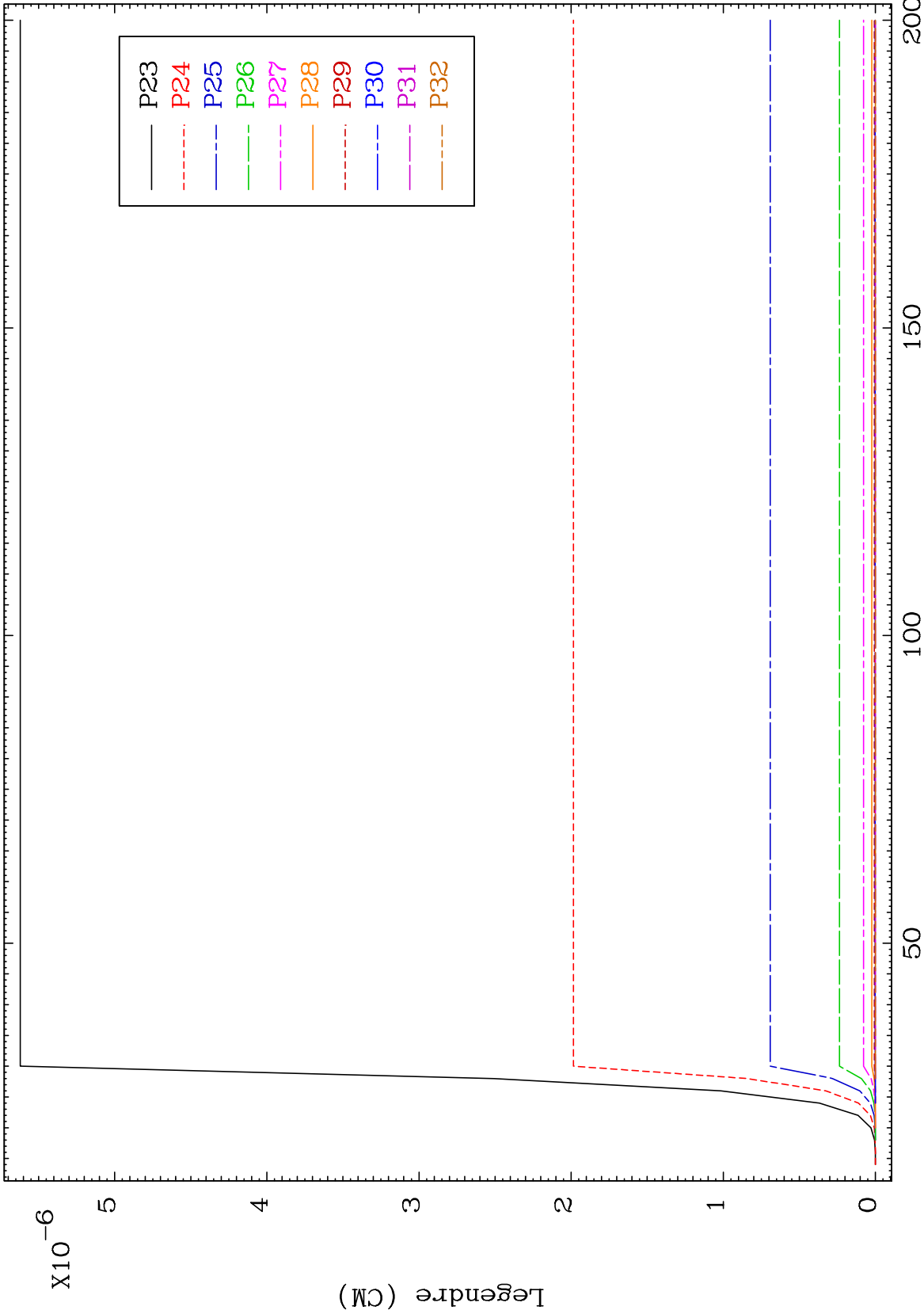
21-Sc-51



MAT 2143

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

21-Sc-51

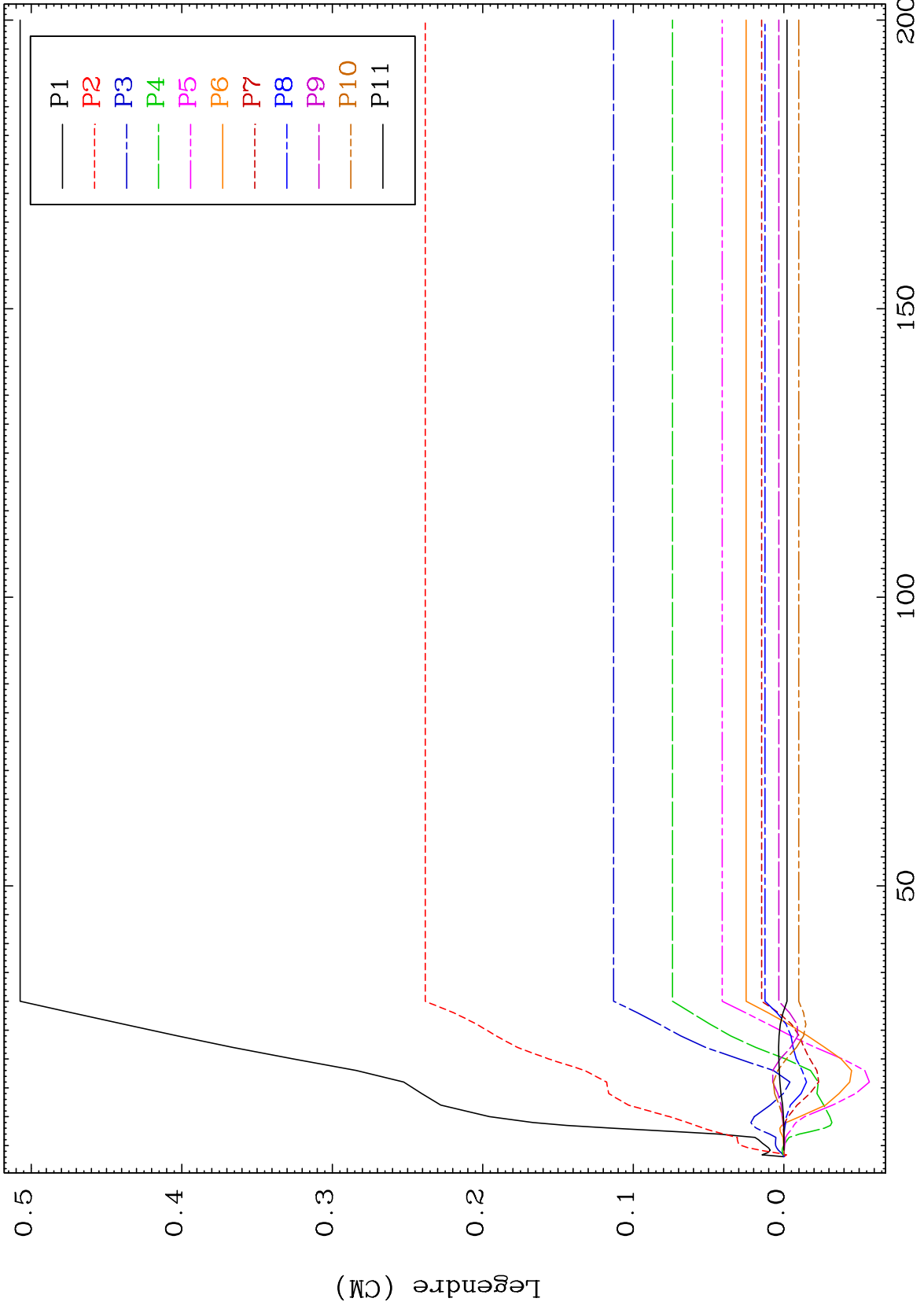


45

Incident Energy (MeV)

21-Sc-51

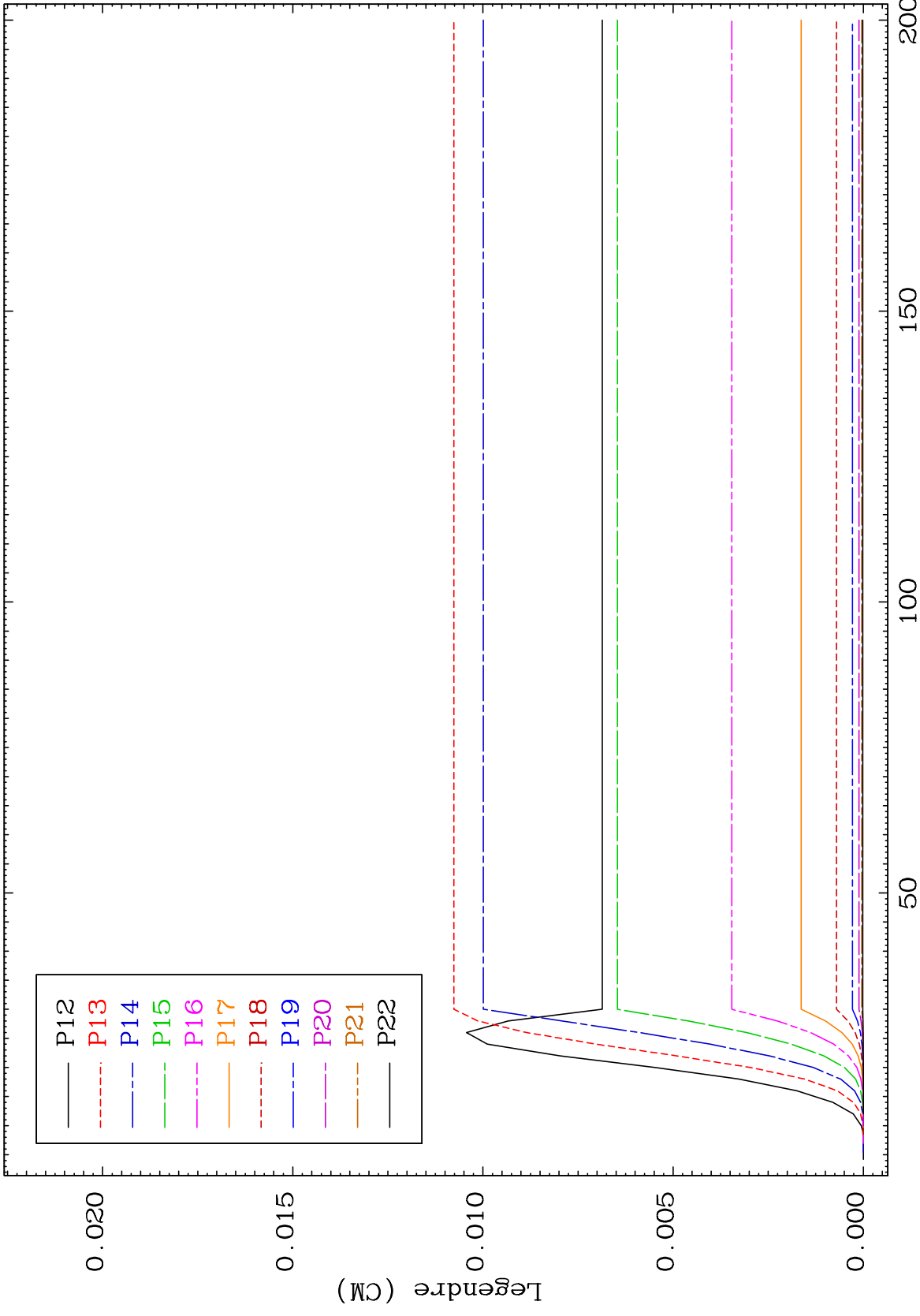
MAT 2143 MT= 60 (n,n') Level Legendre Coefficients 21-Sc-51



MAT 2143

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

21-Sc-51



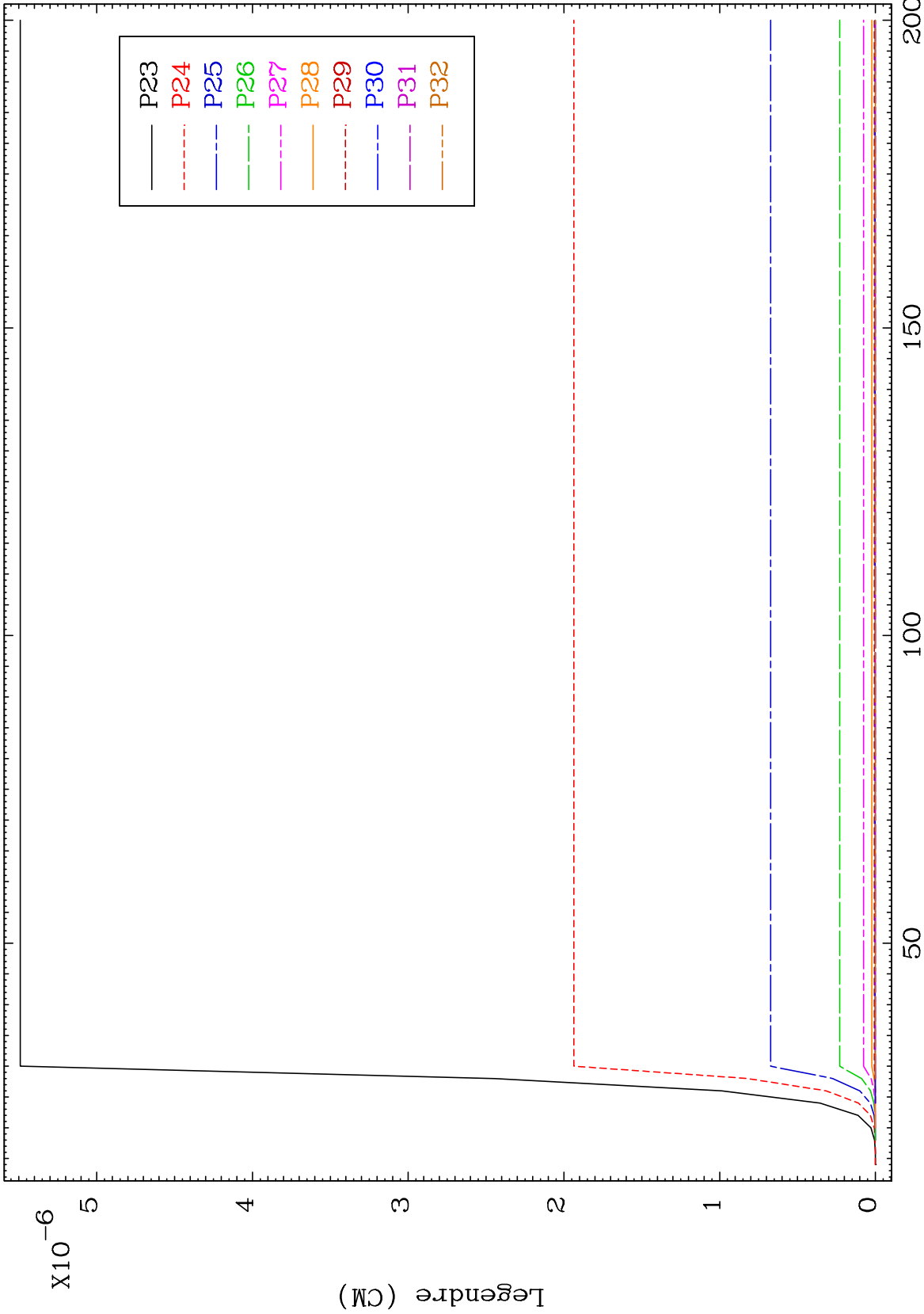
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21-Sc-51

MAT 2143

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

21-Sc-51



48

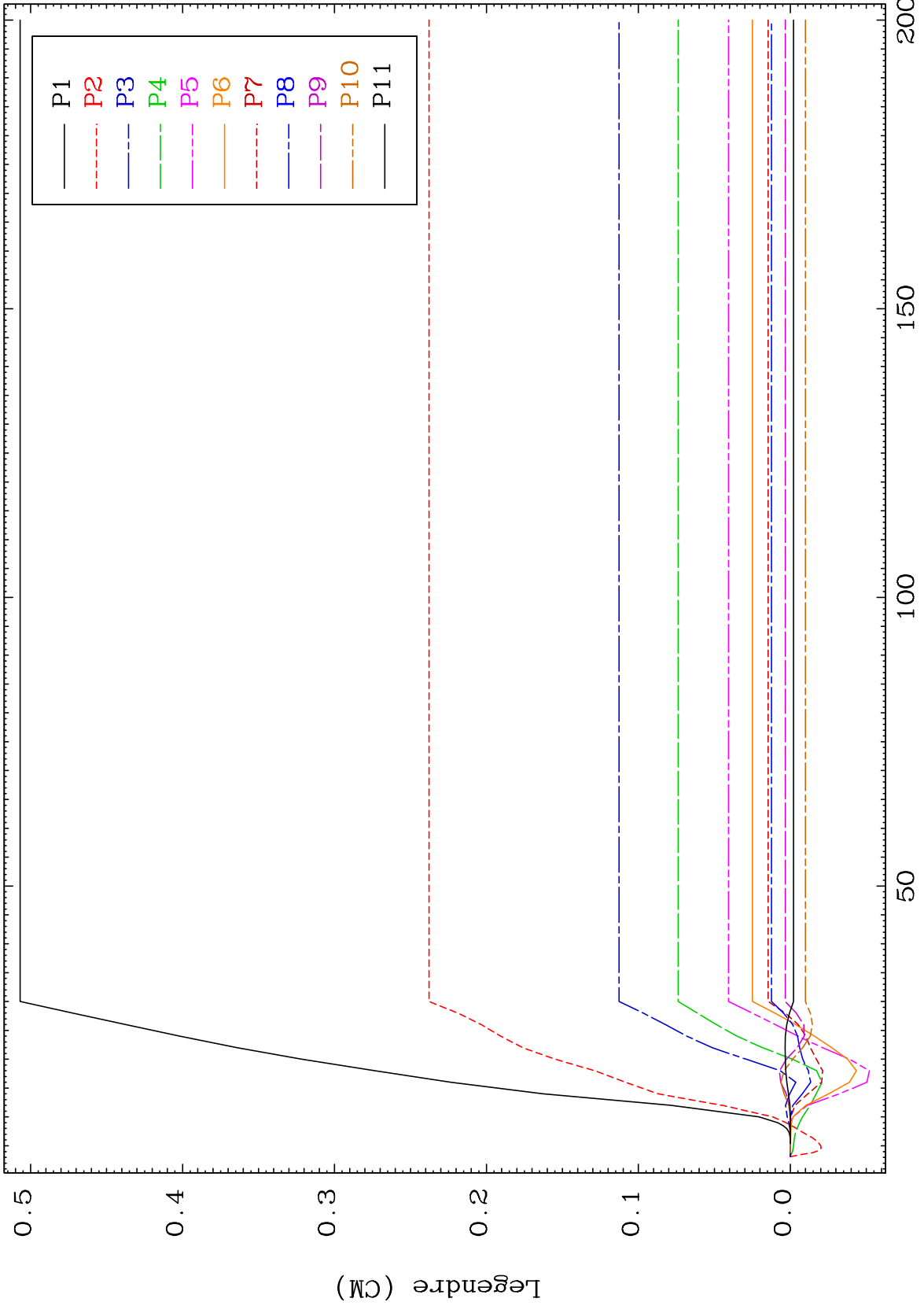
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



49

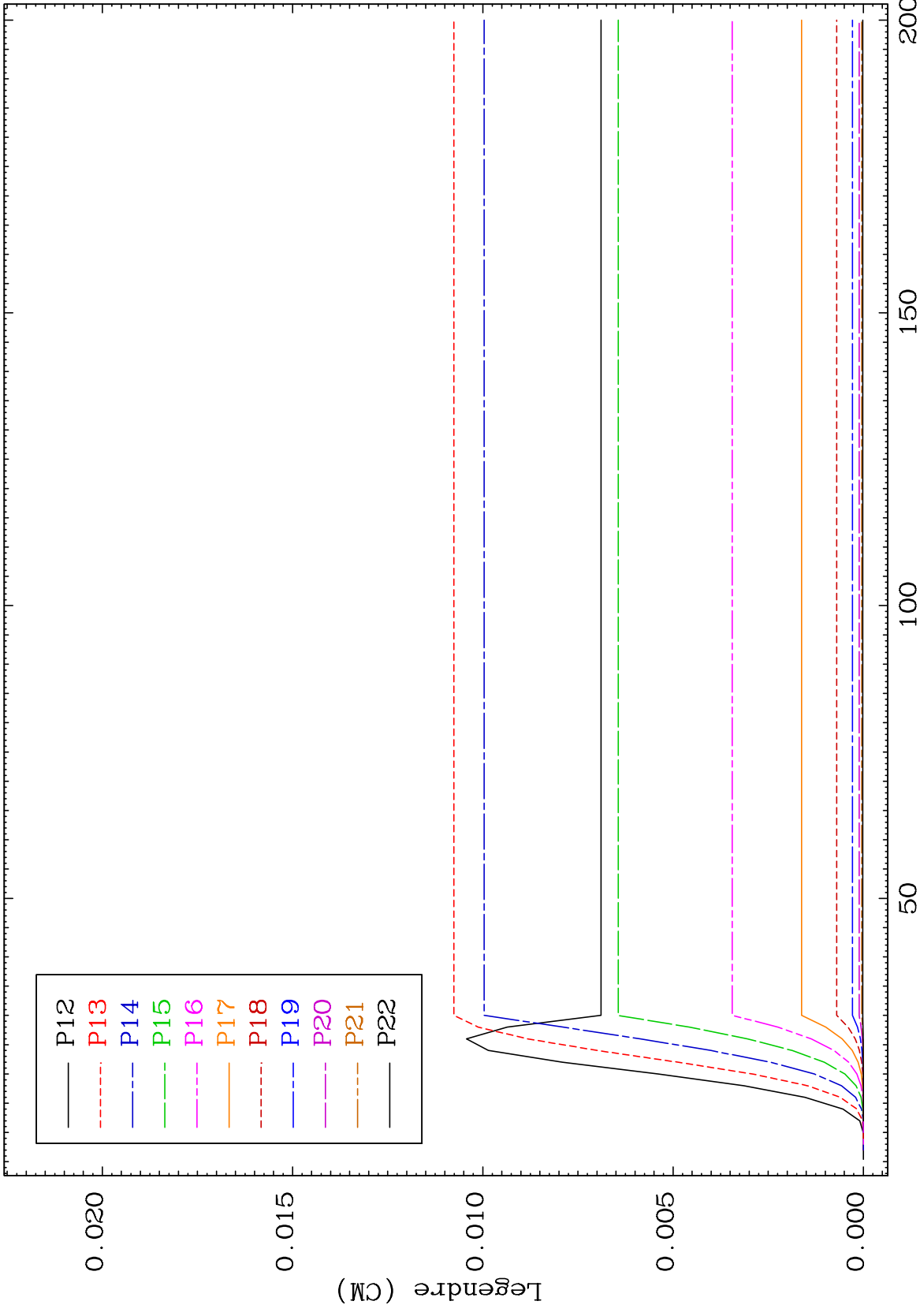
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



50

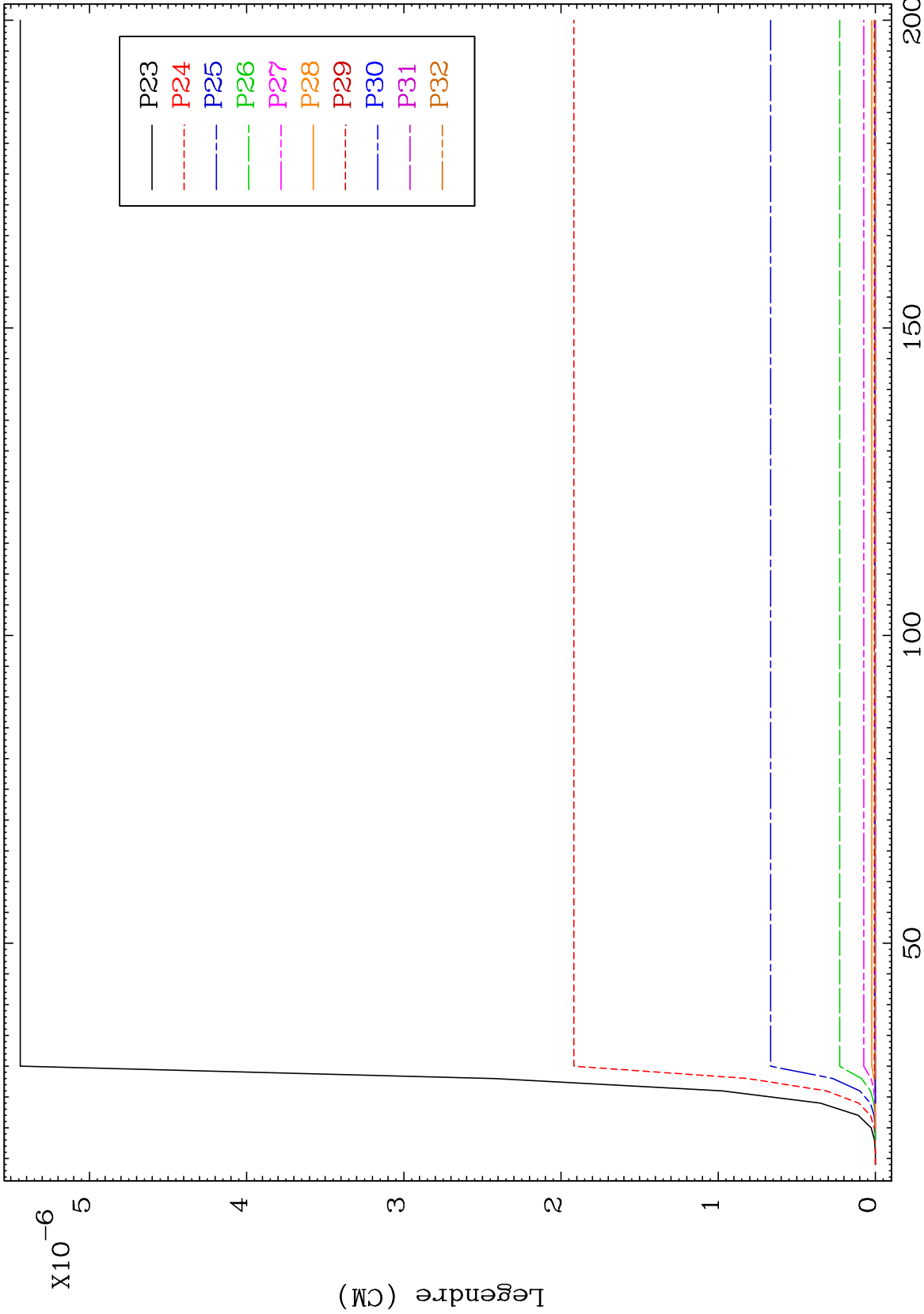
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



51

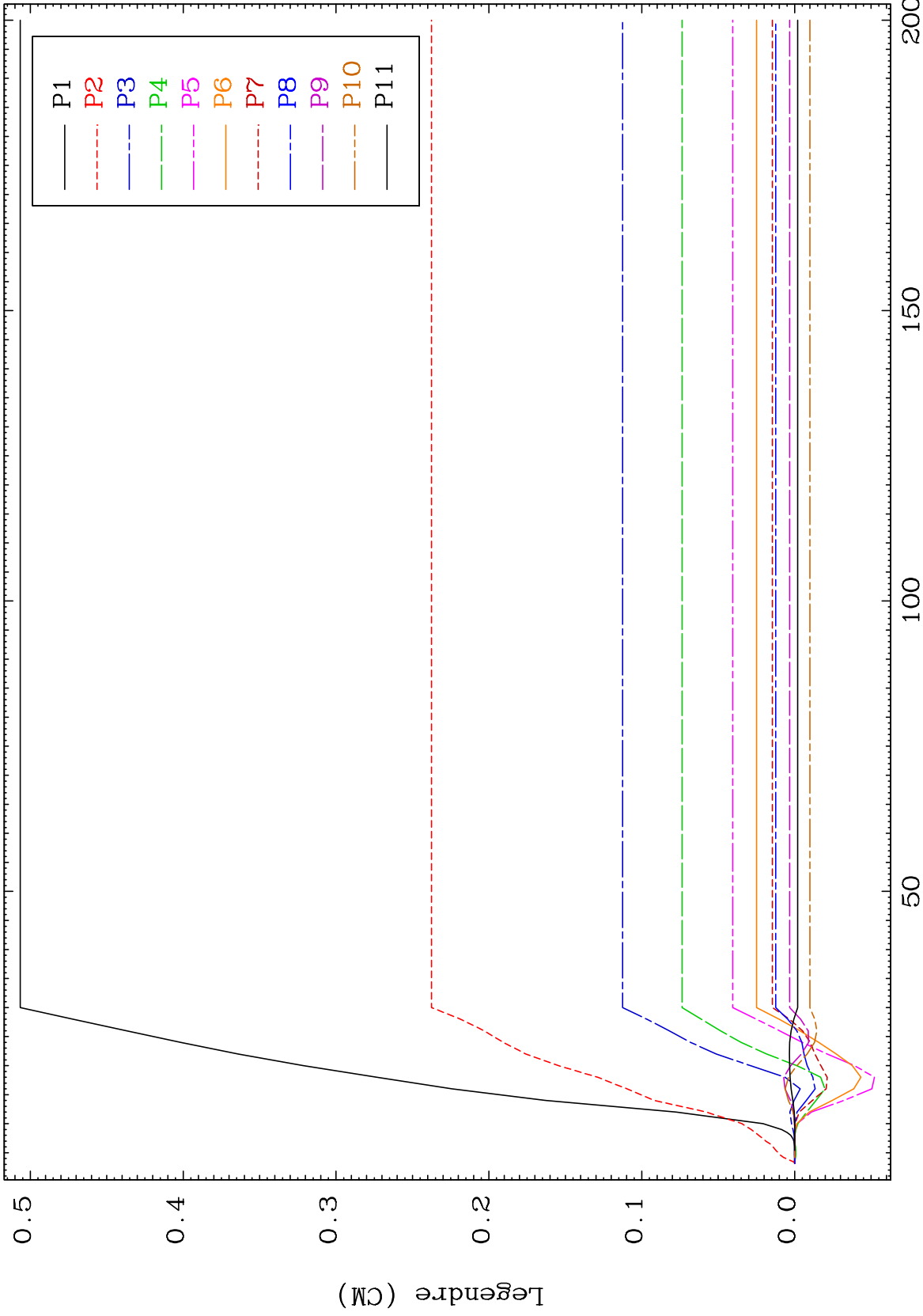
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



52

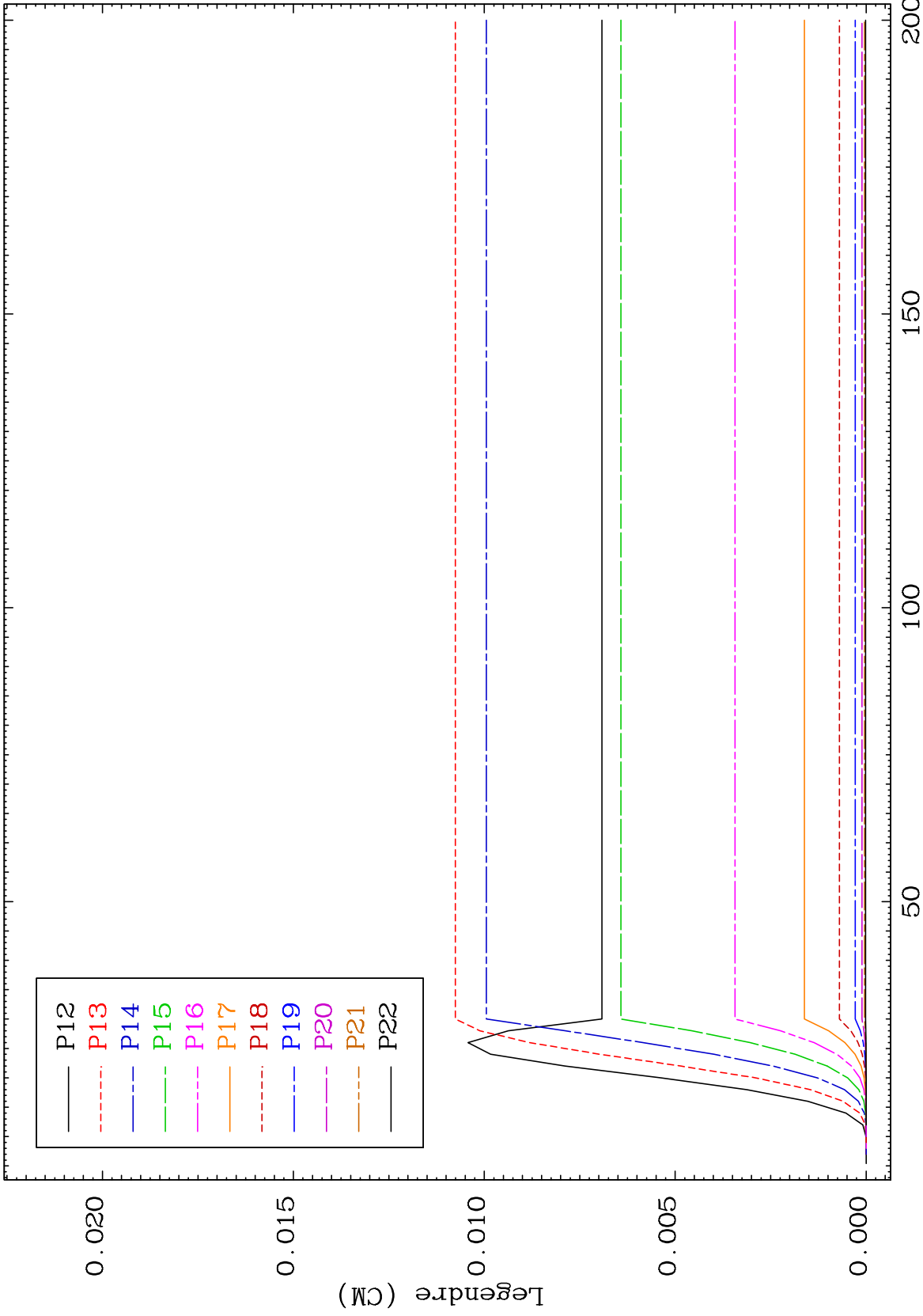
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



53

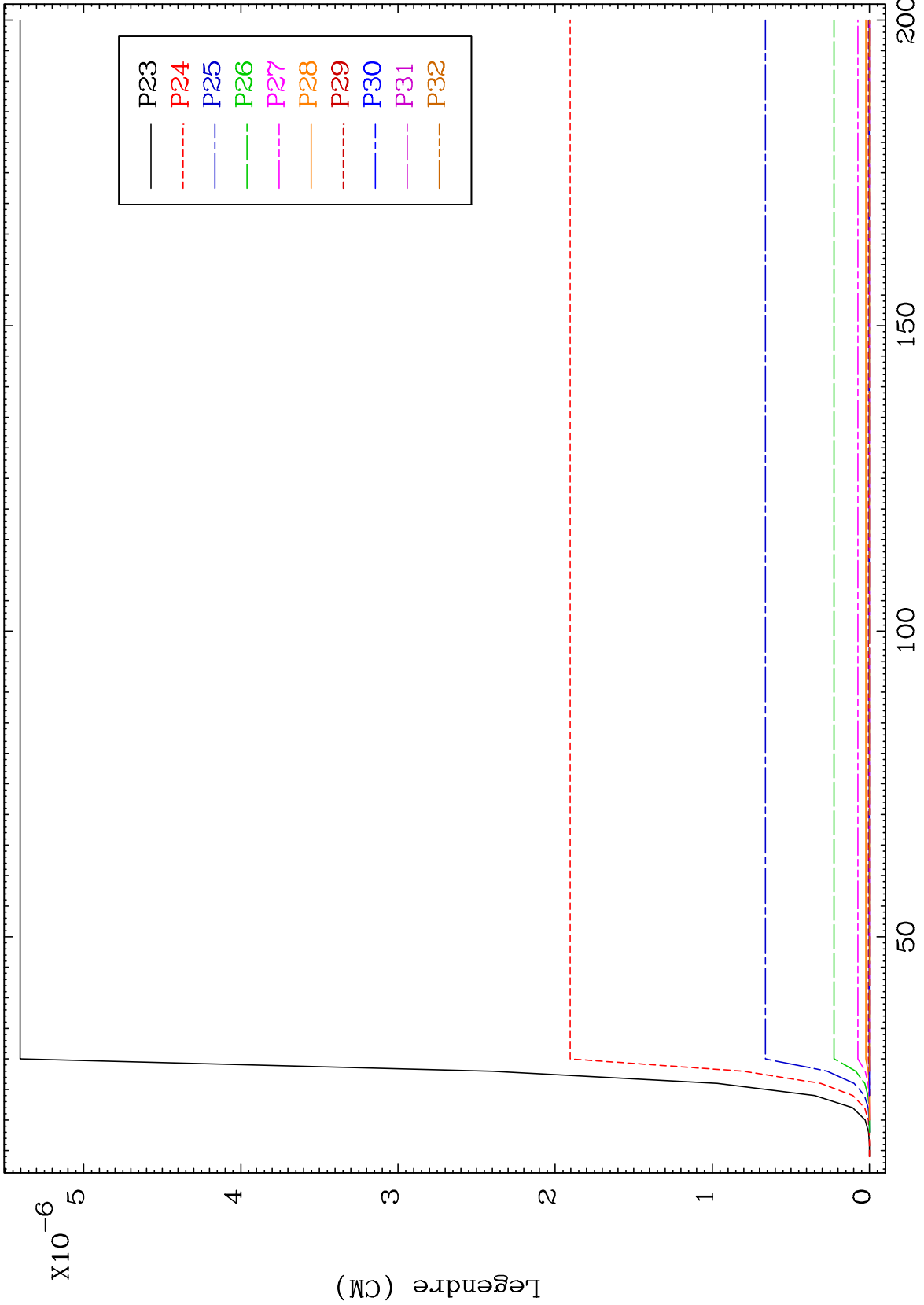
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



54

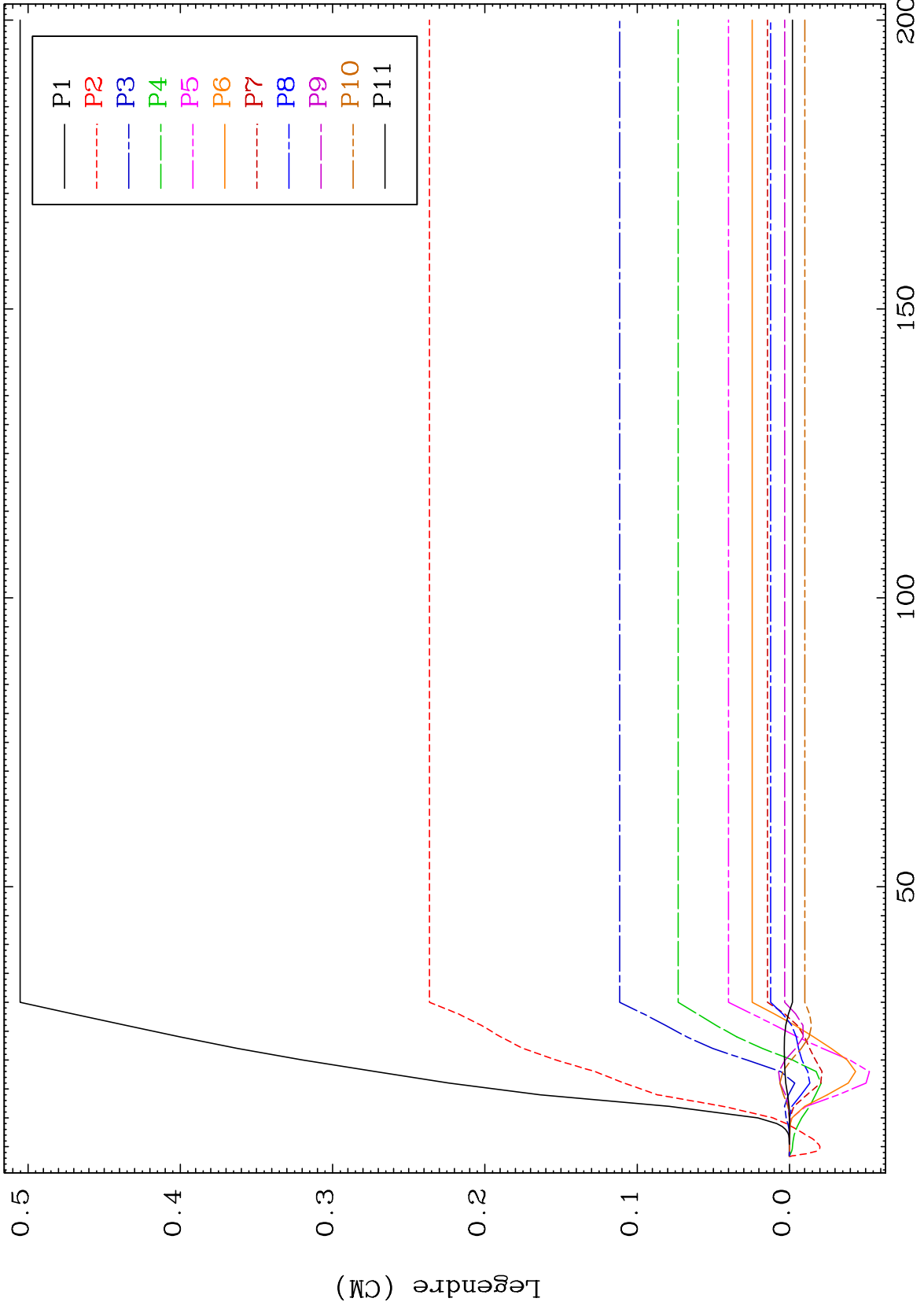
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



55

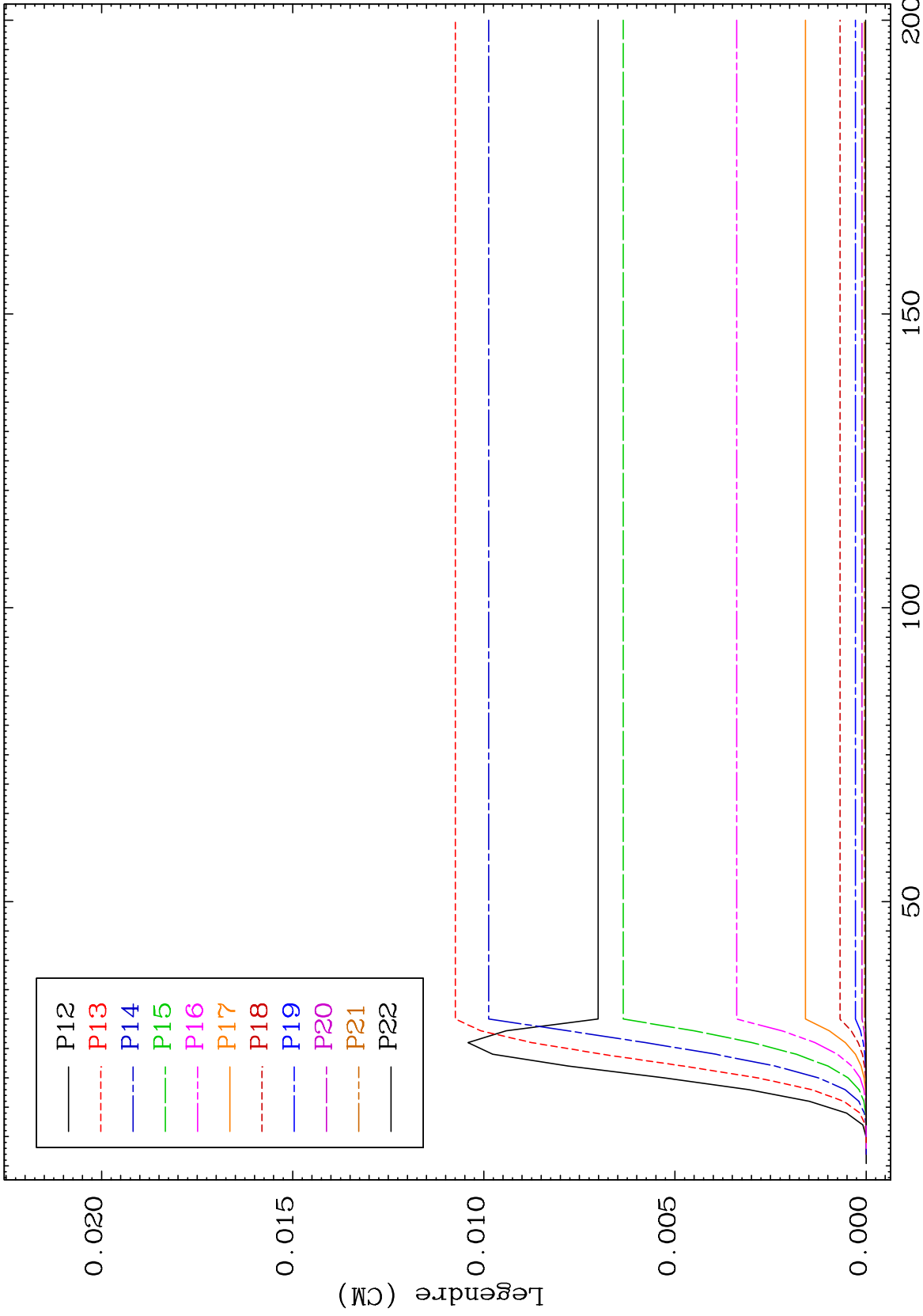
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



56

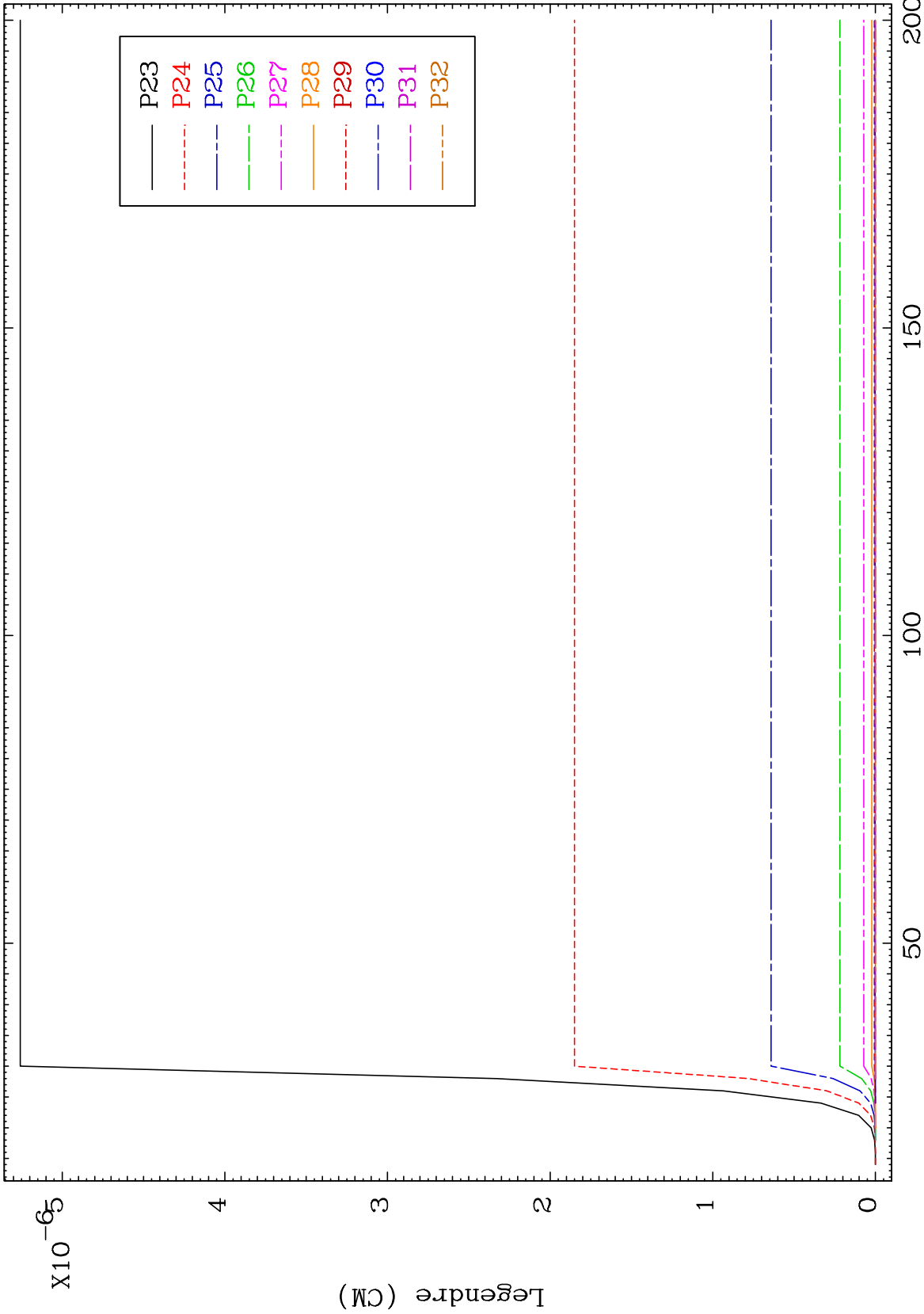
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



57

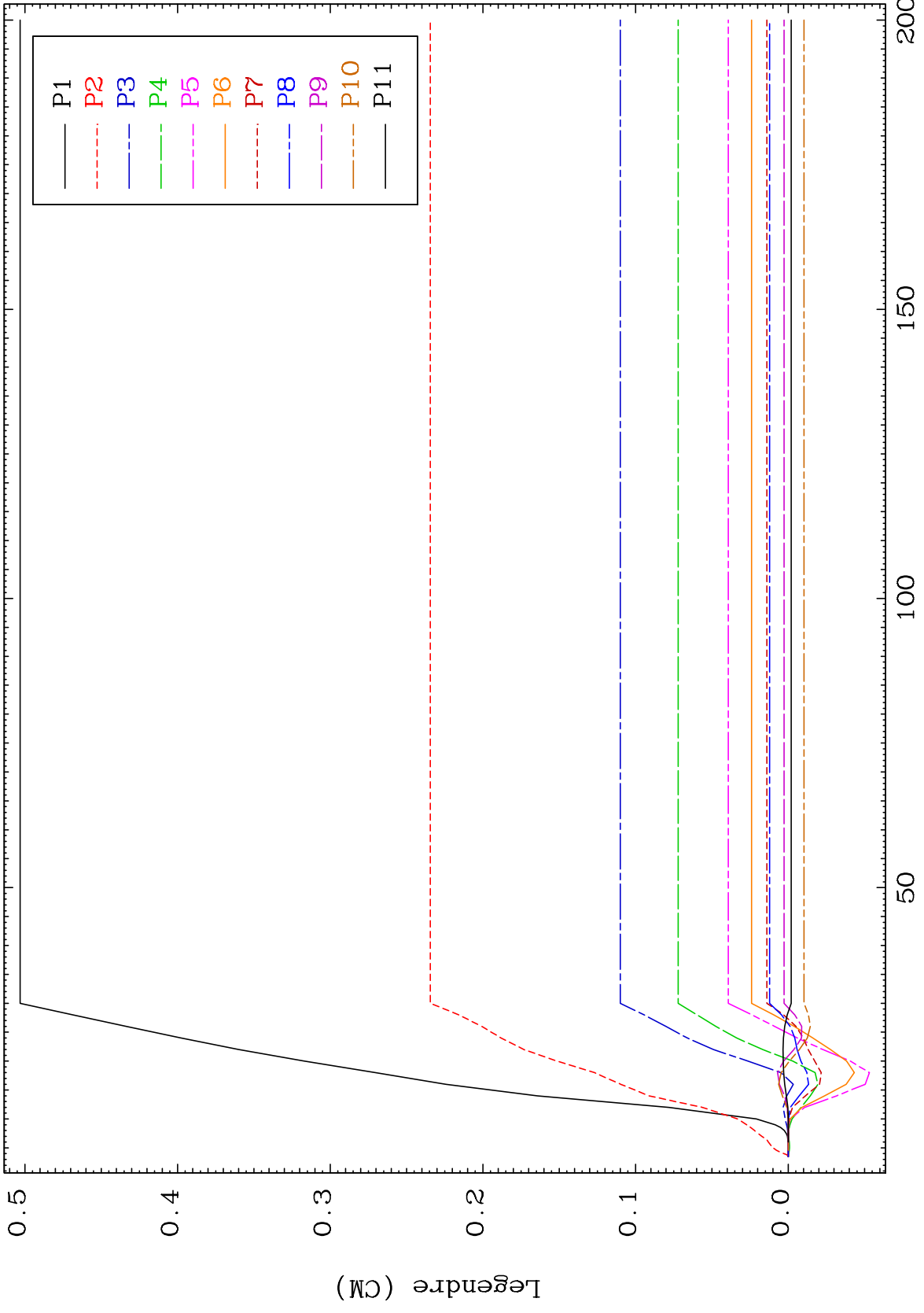
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



58

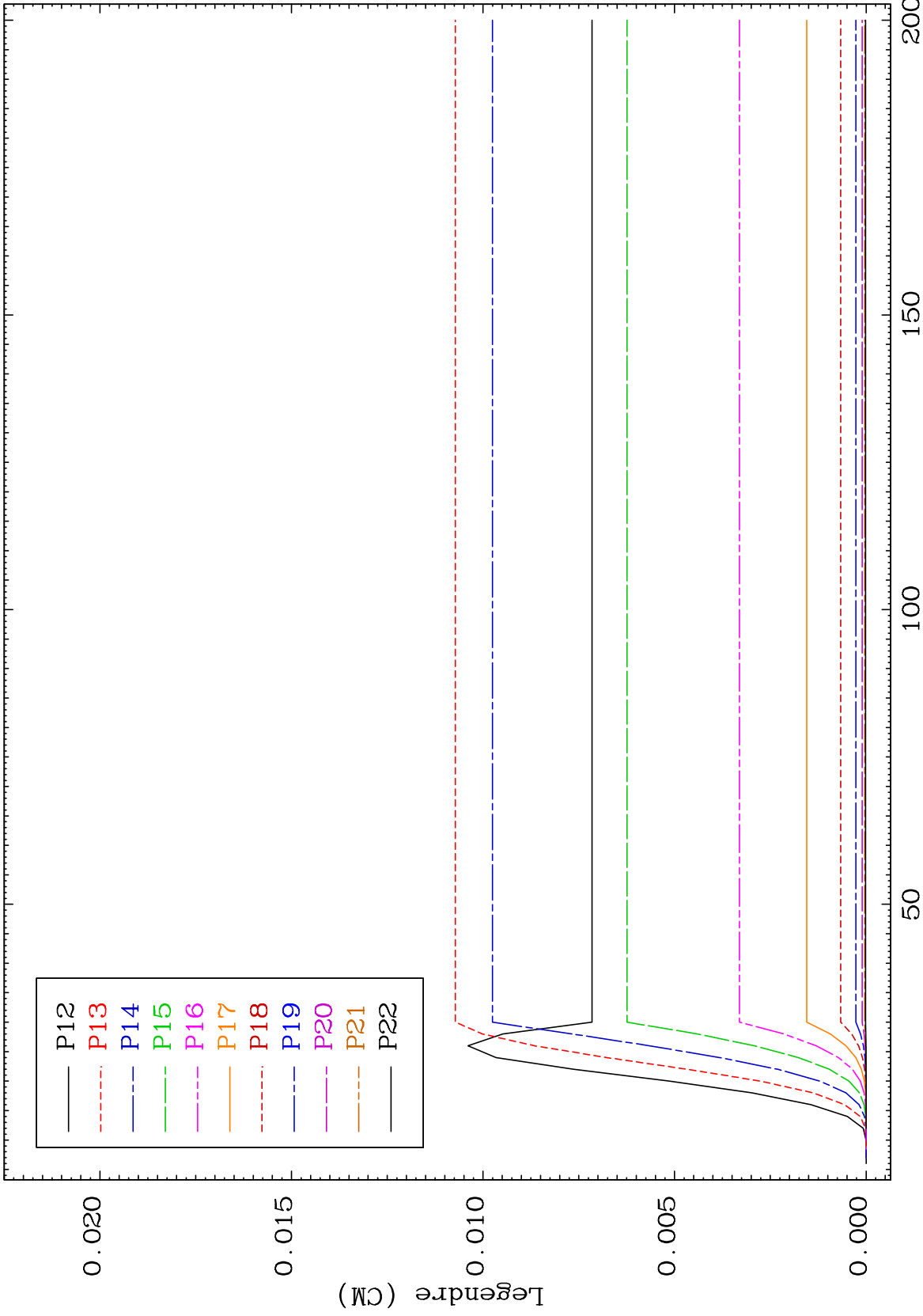
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



59

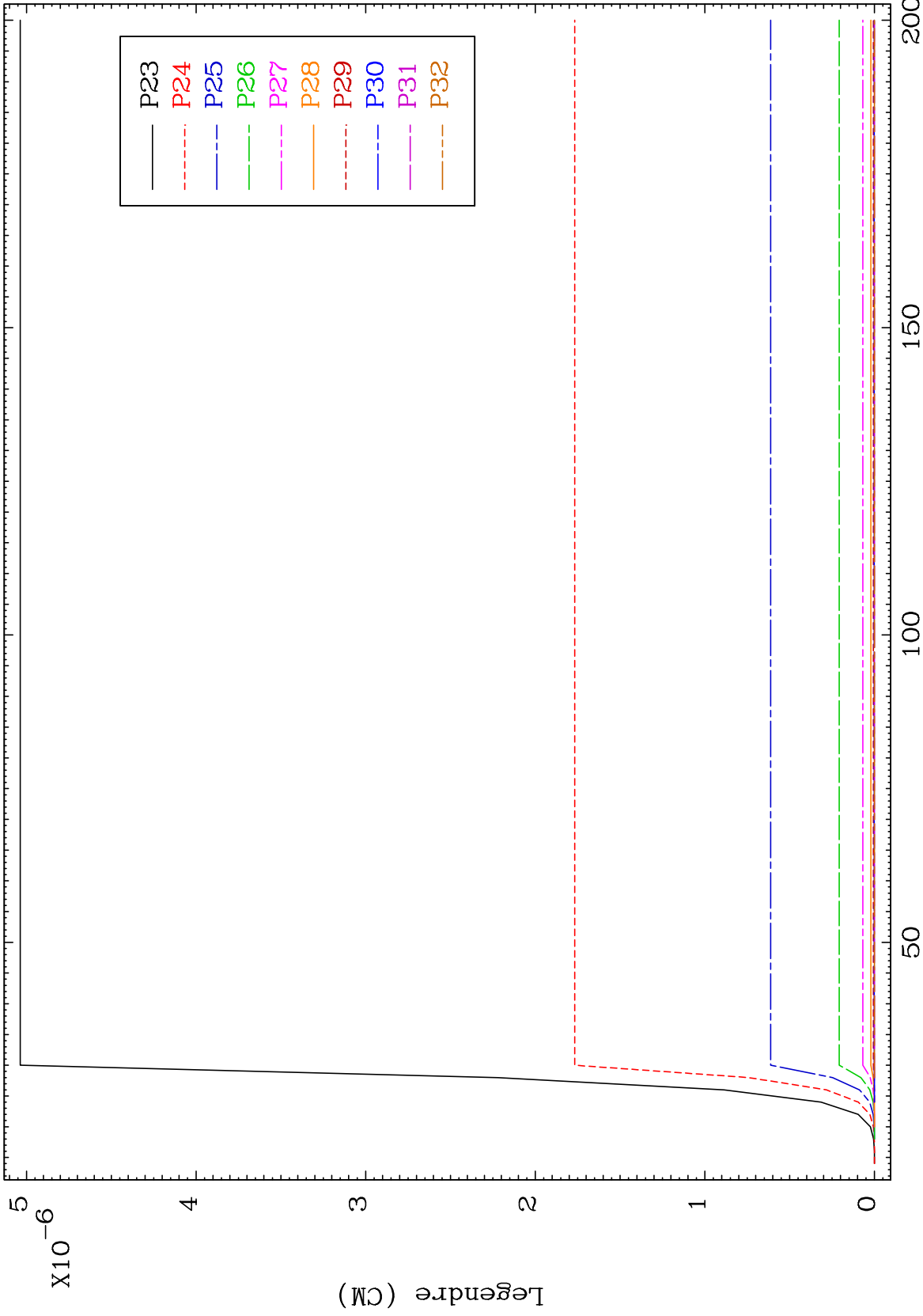
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



60

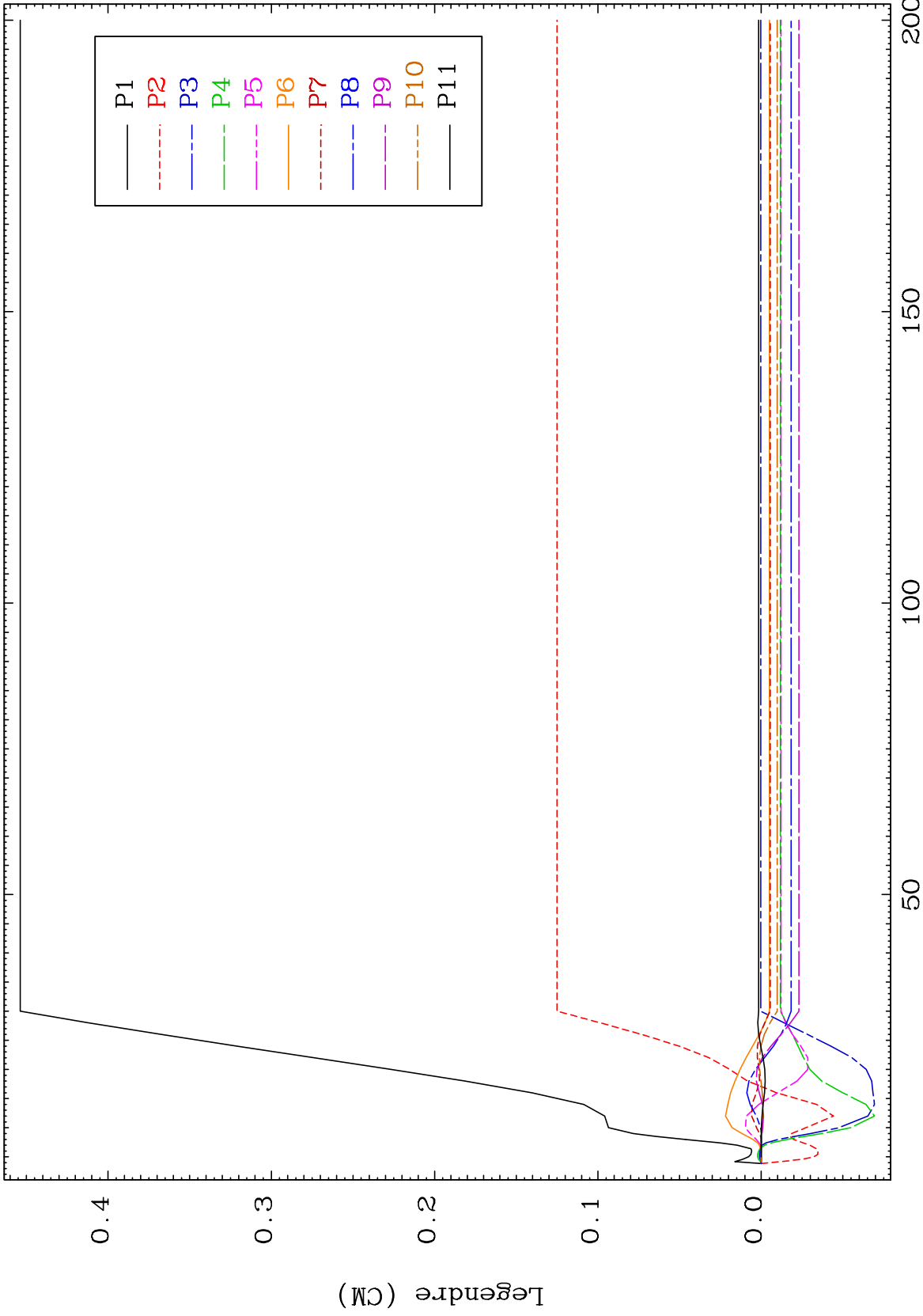
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



61

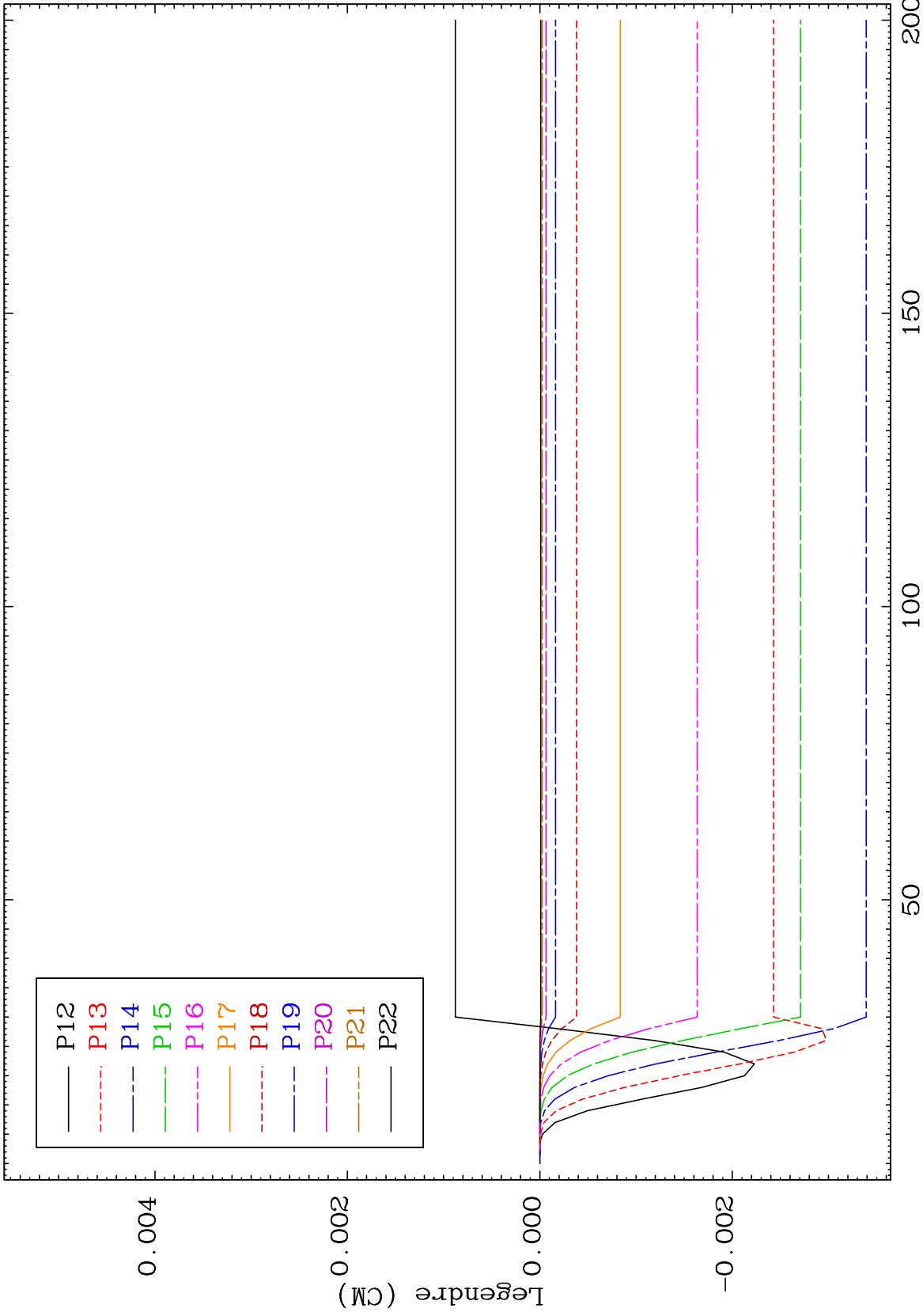
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51

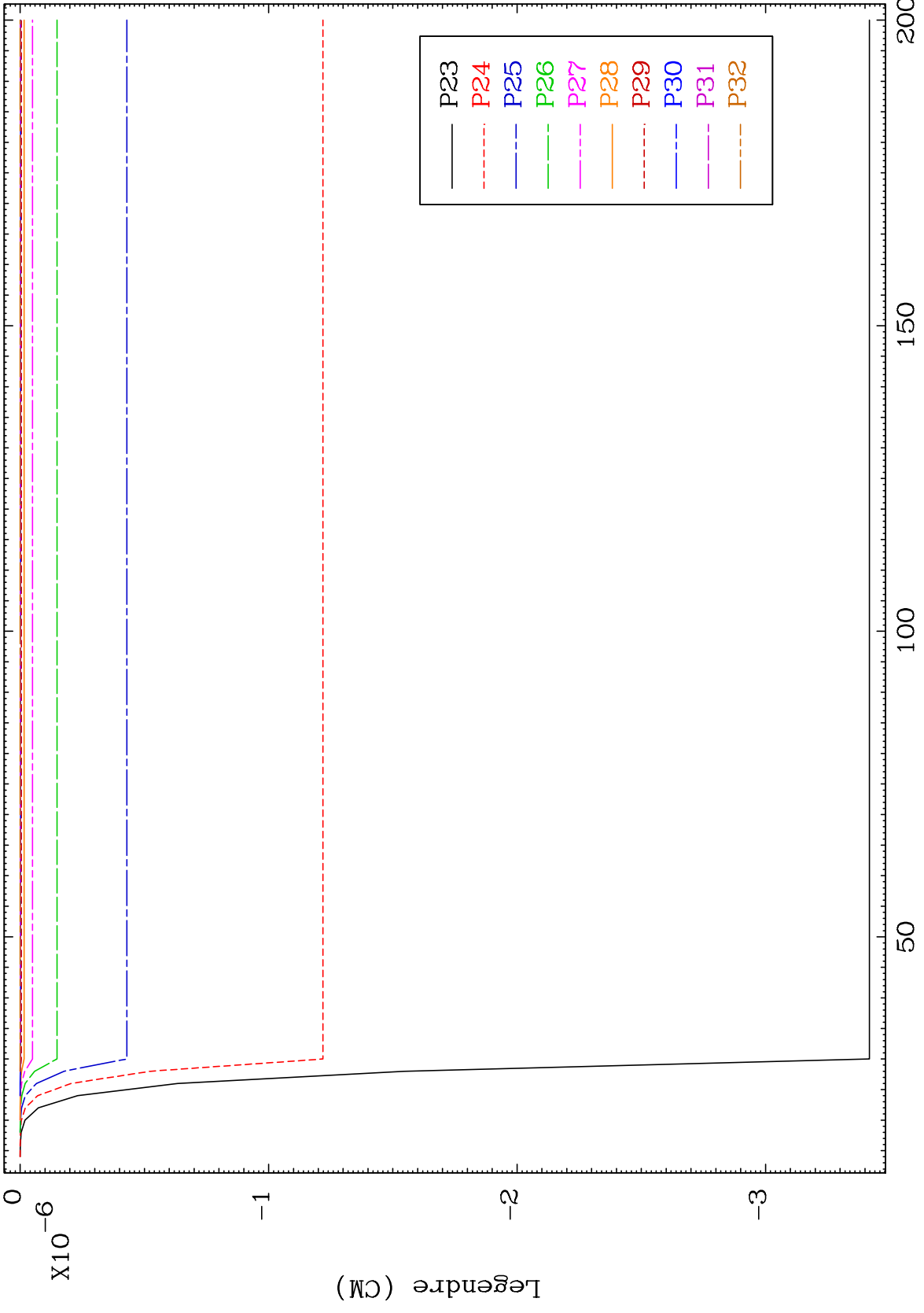


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Incident Energy (MeV)

21-Sc-51

MAT 2143 MT= 65 (n,n') Level Legendre Coefficients 21-Sc-51

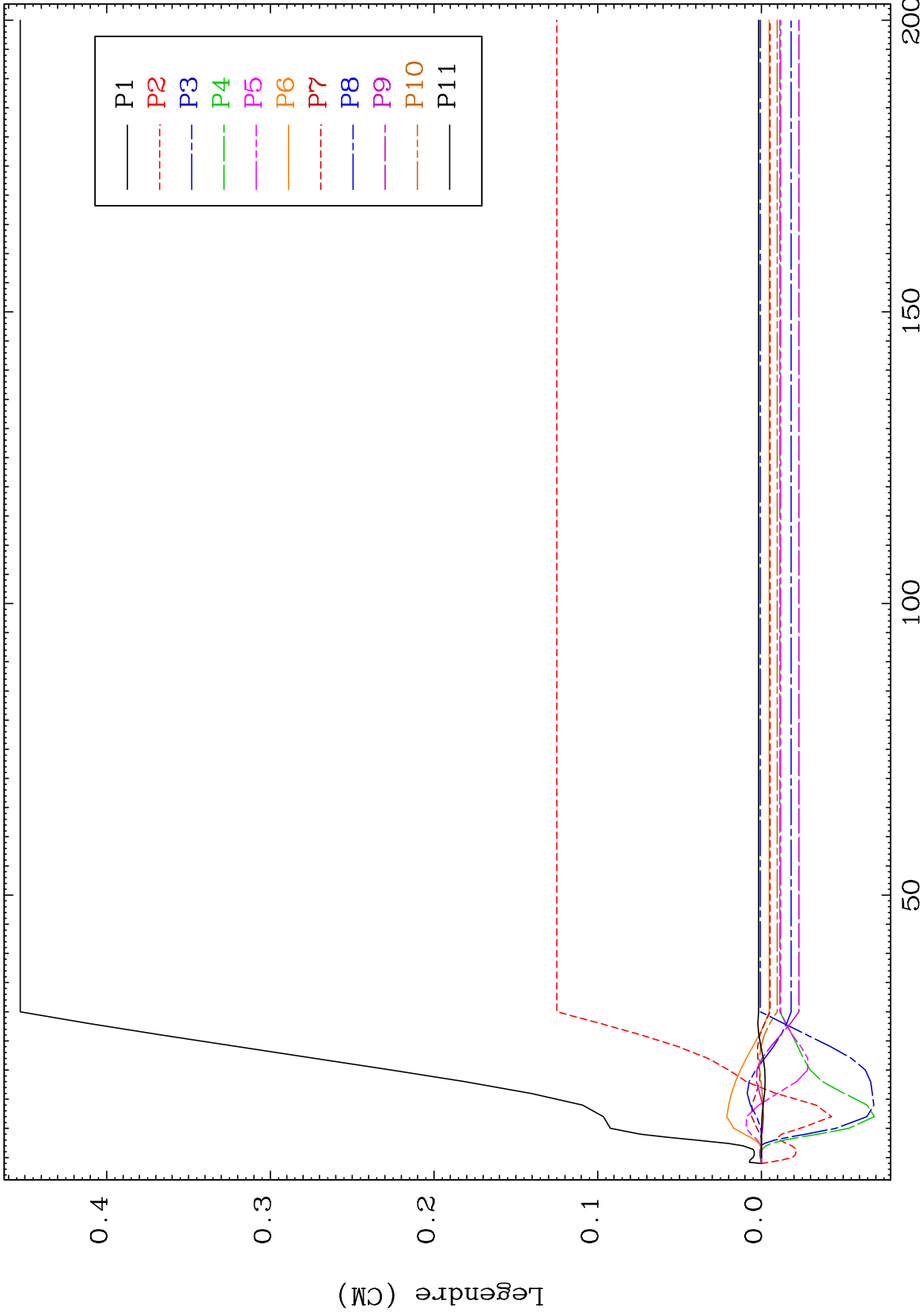


63 Incident Energy (MeV) 21-Sc-51

MAT 2143

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

21-Sc-51



64

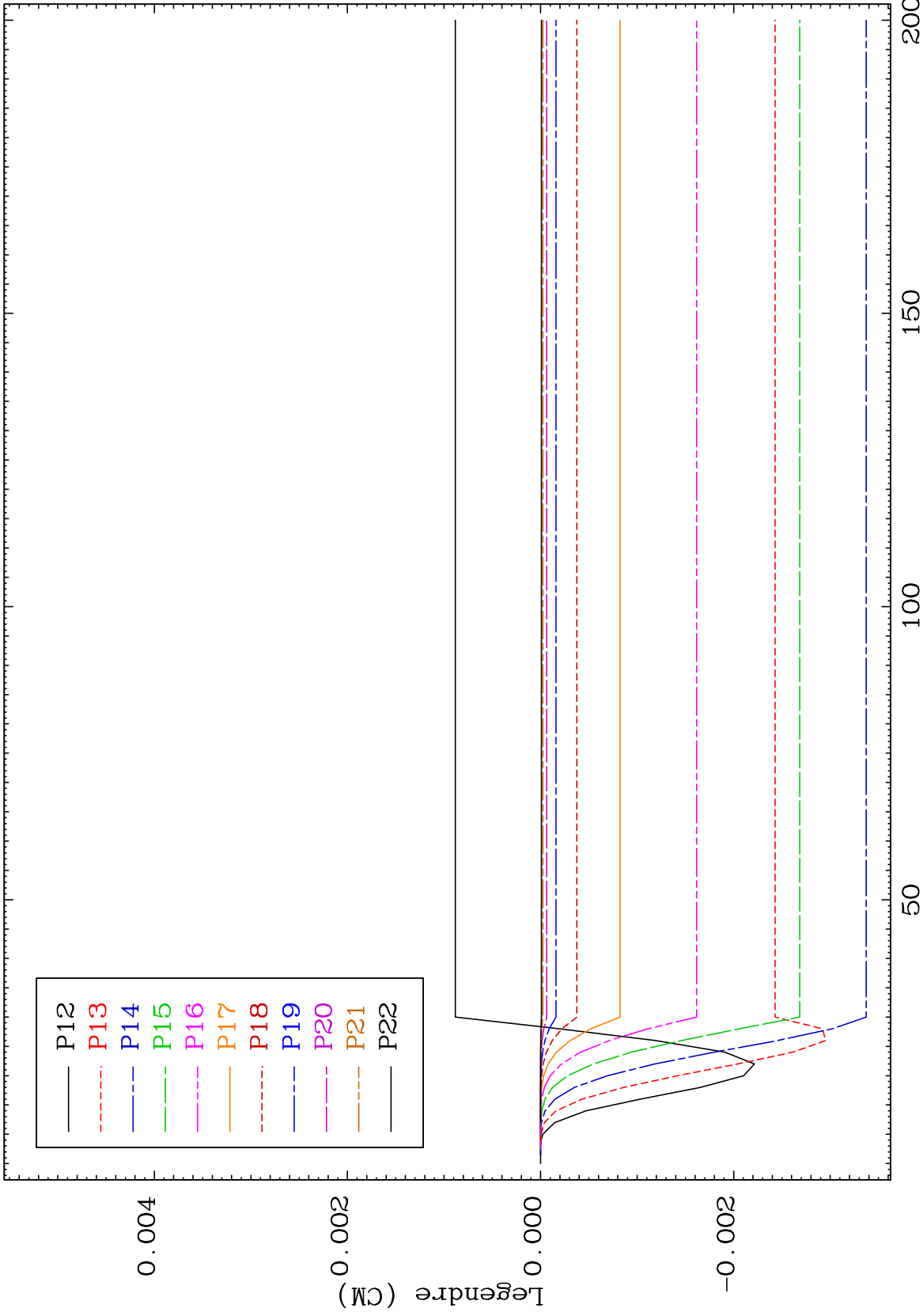
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

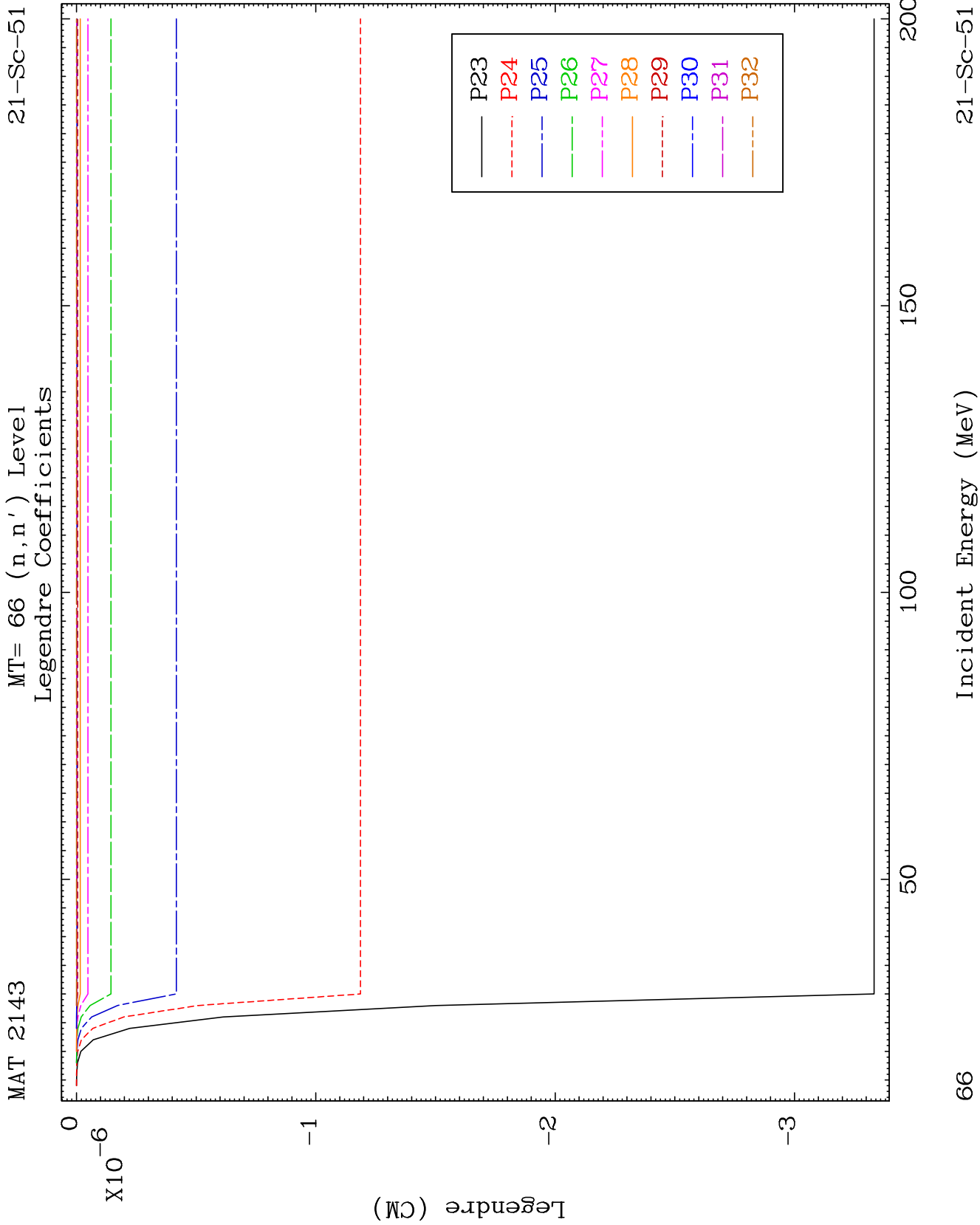
21-Sc-51



65

Incident Energy (MeV)

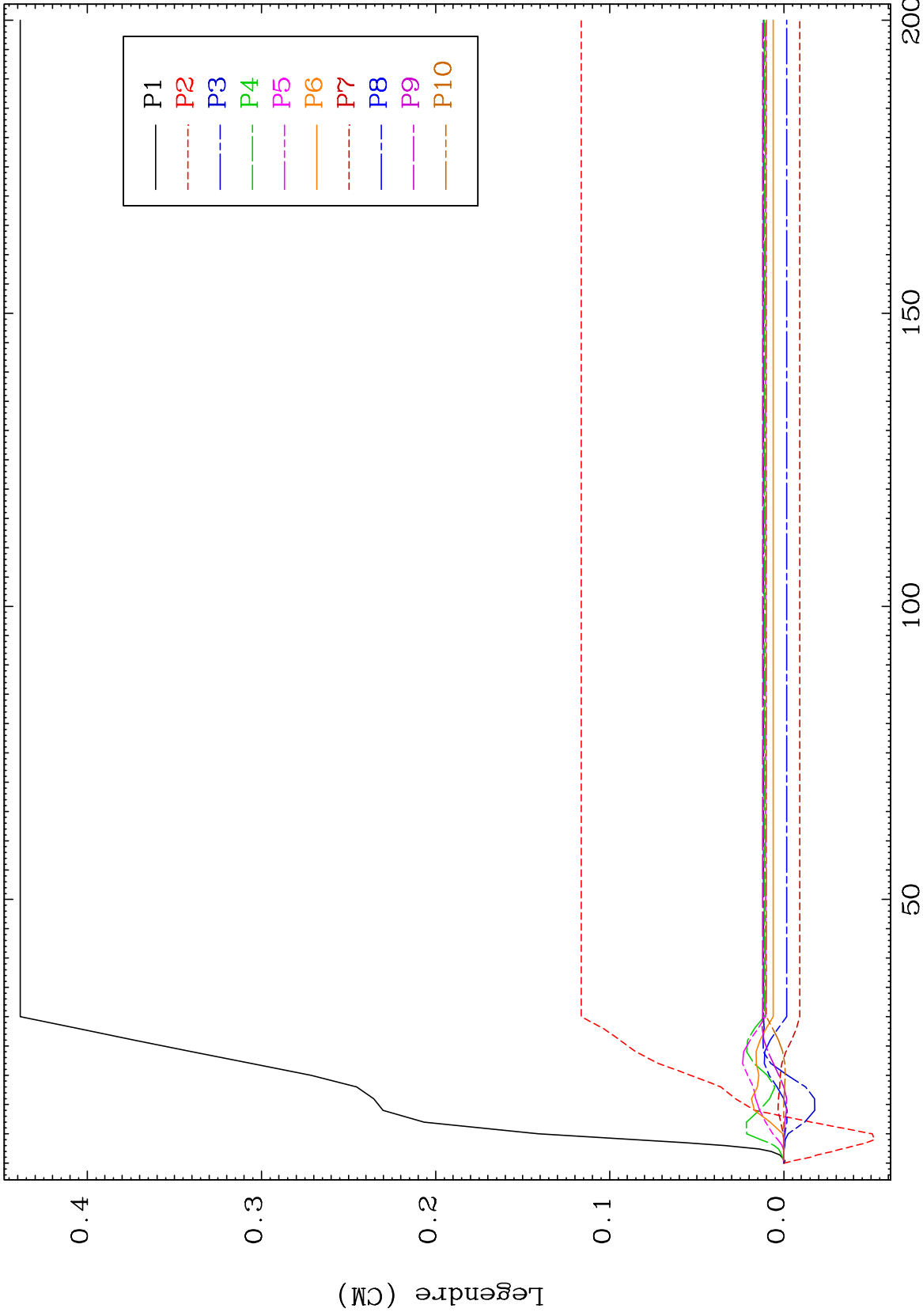
21-Sc-51



MAT 2143

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

21-Sc-51



67

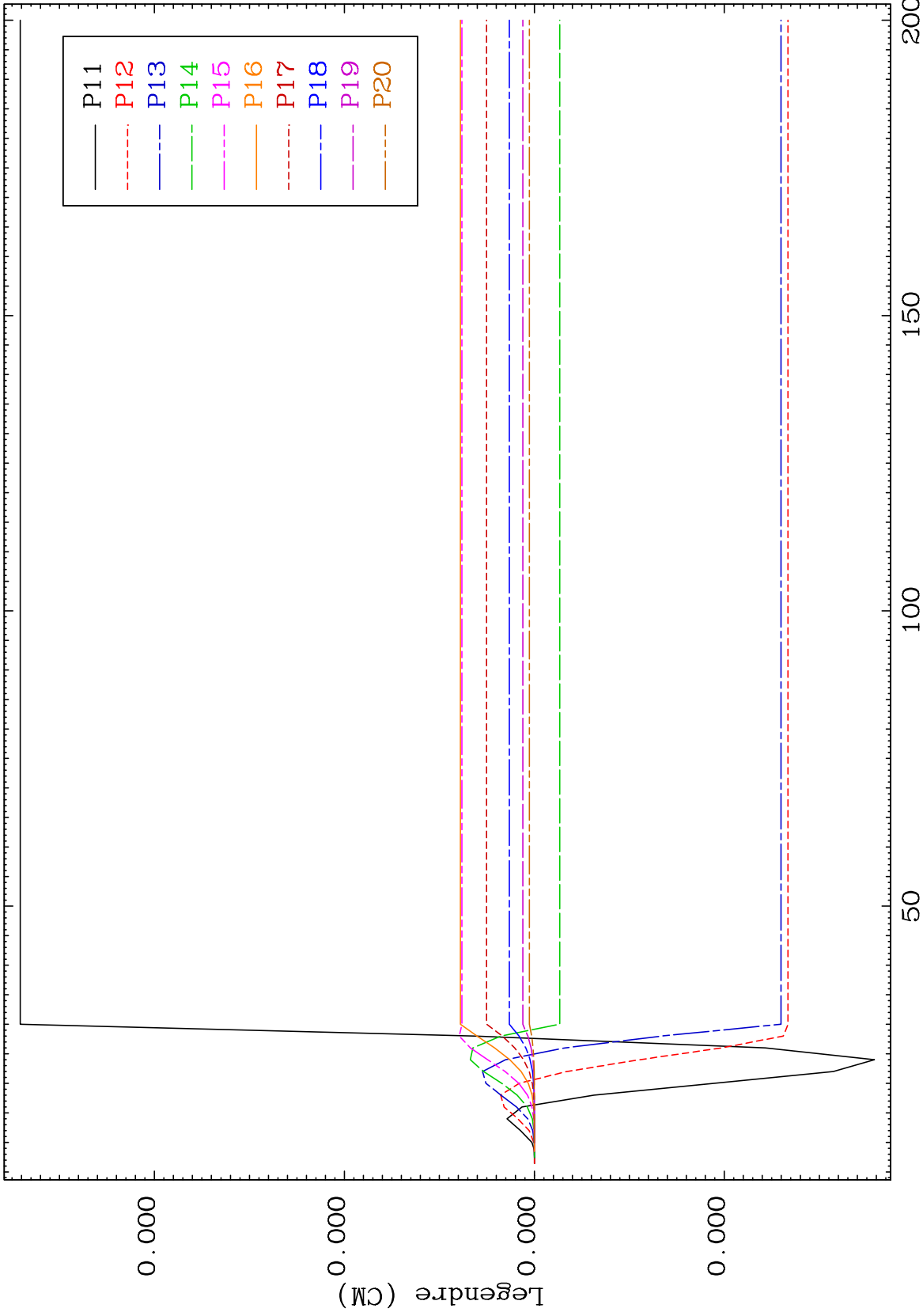
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



68

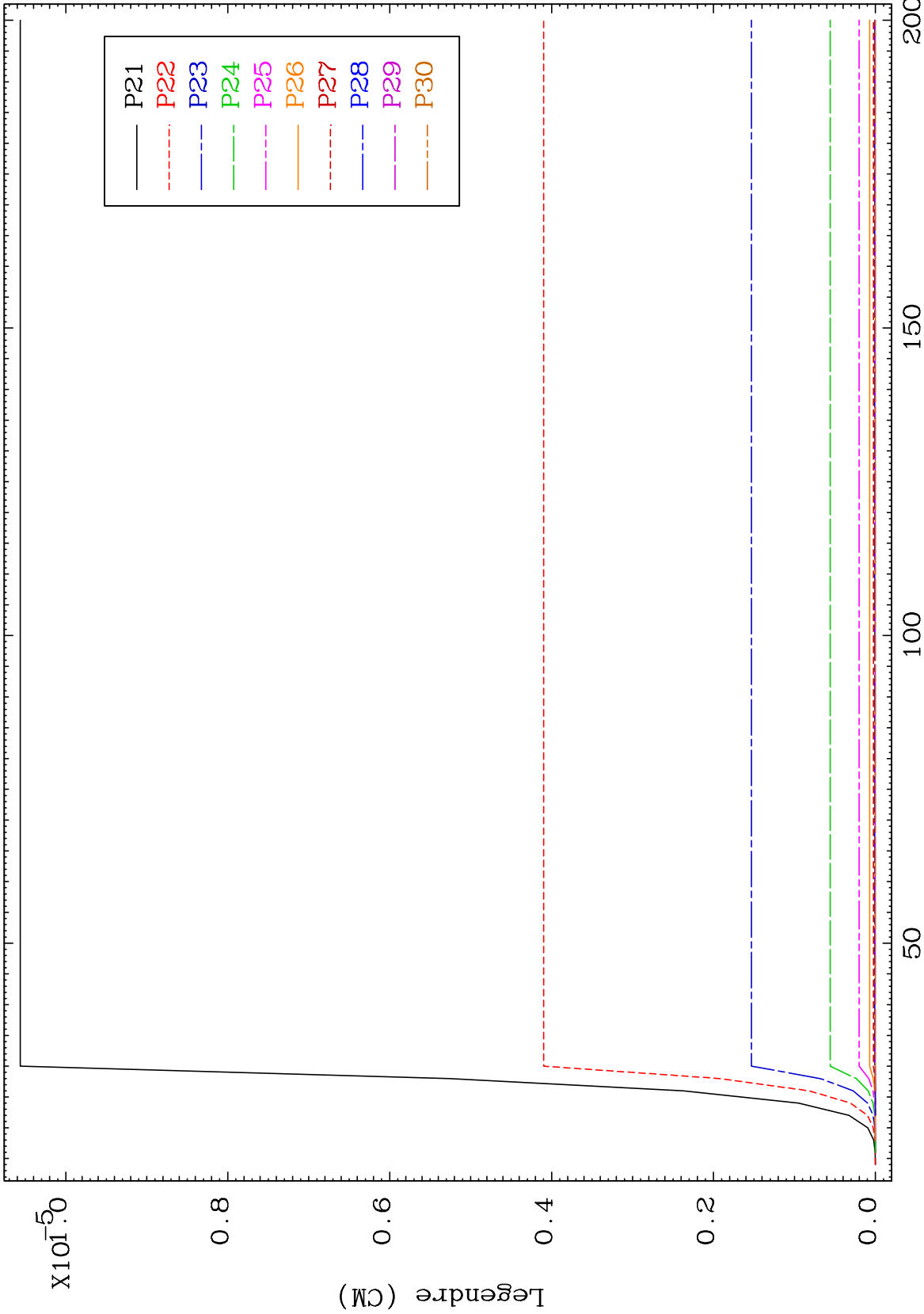
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



69

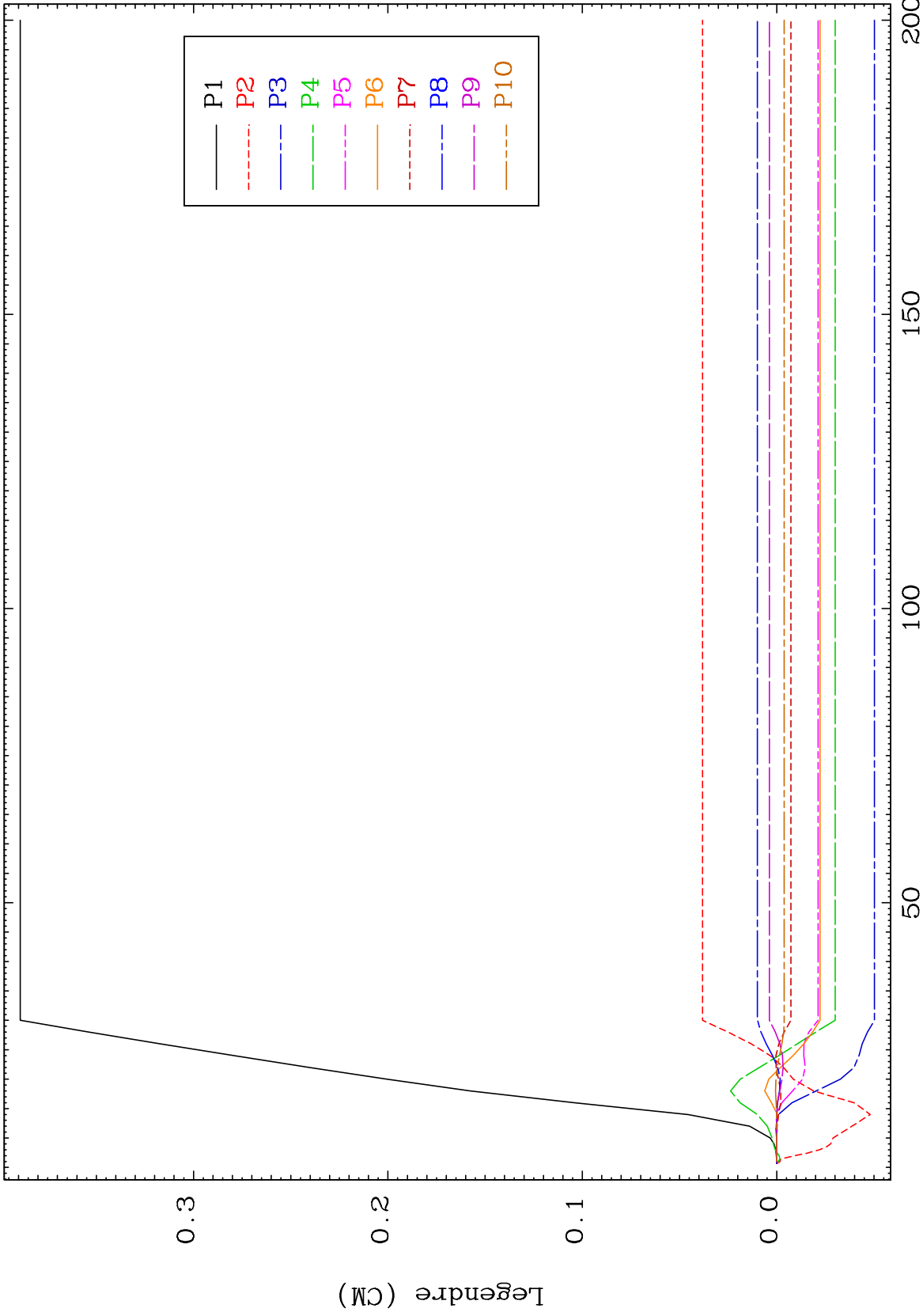
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



70

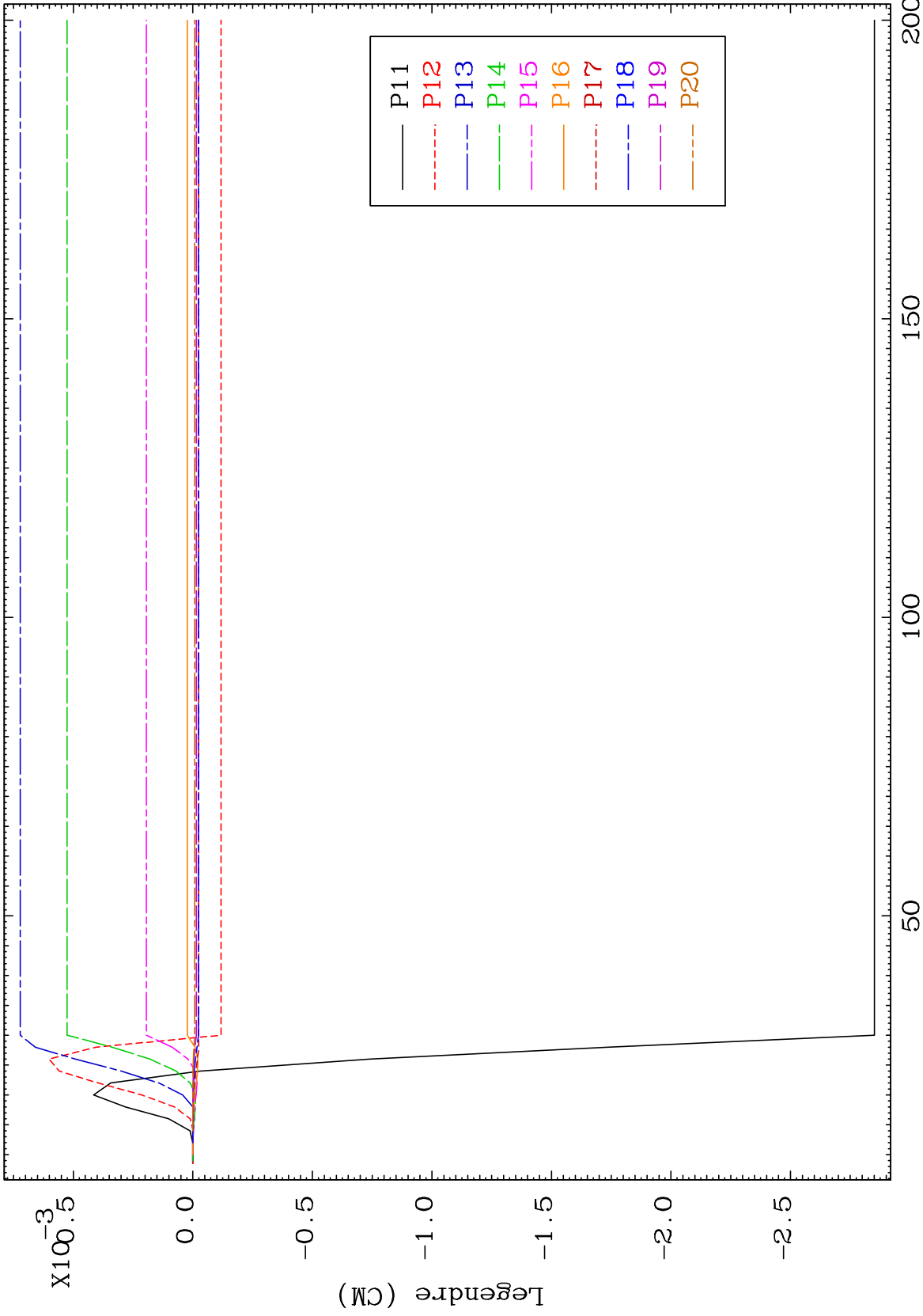
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51

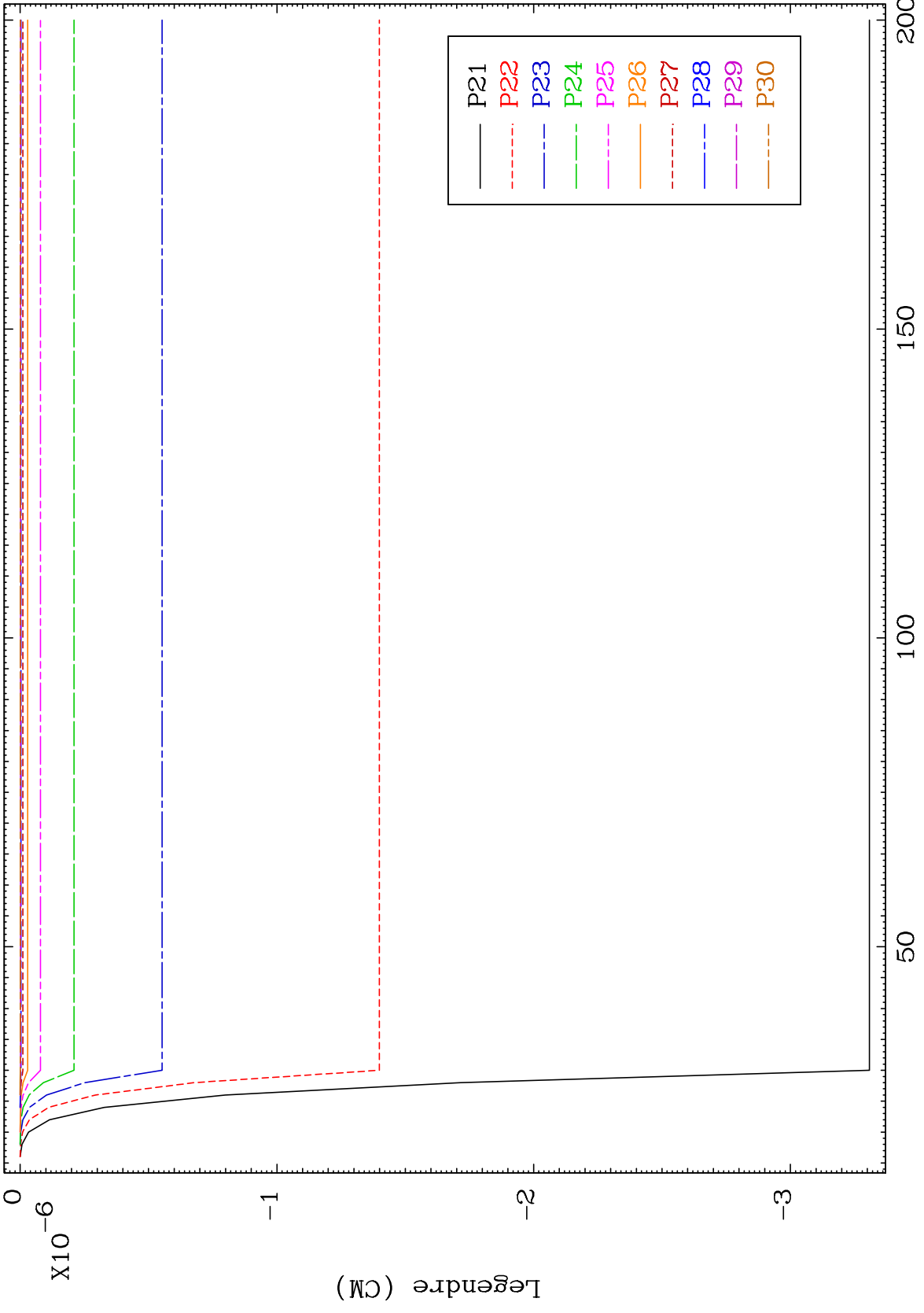


71

Incident Energy (MeV)

21-Sc-51

MAT 2143 MT= 68 (n,n') Level Legendre Coefficients 21-Sc-51

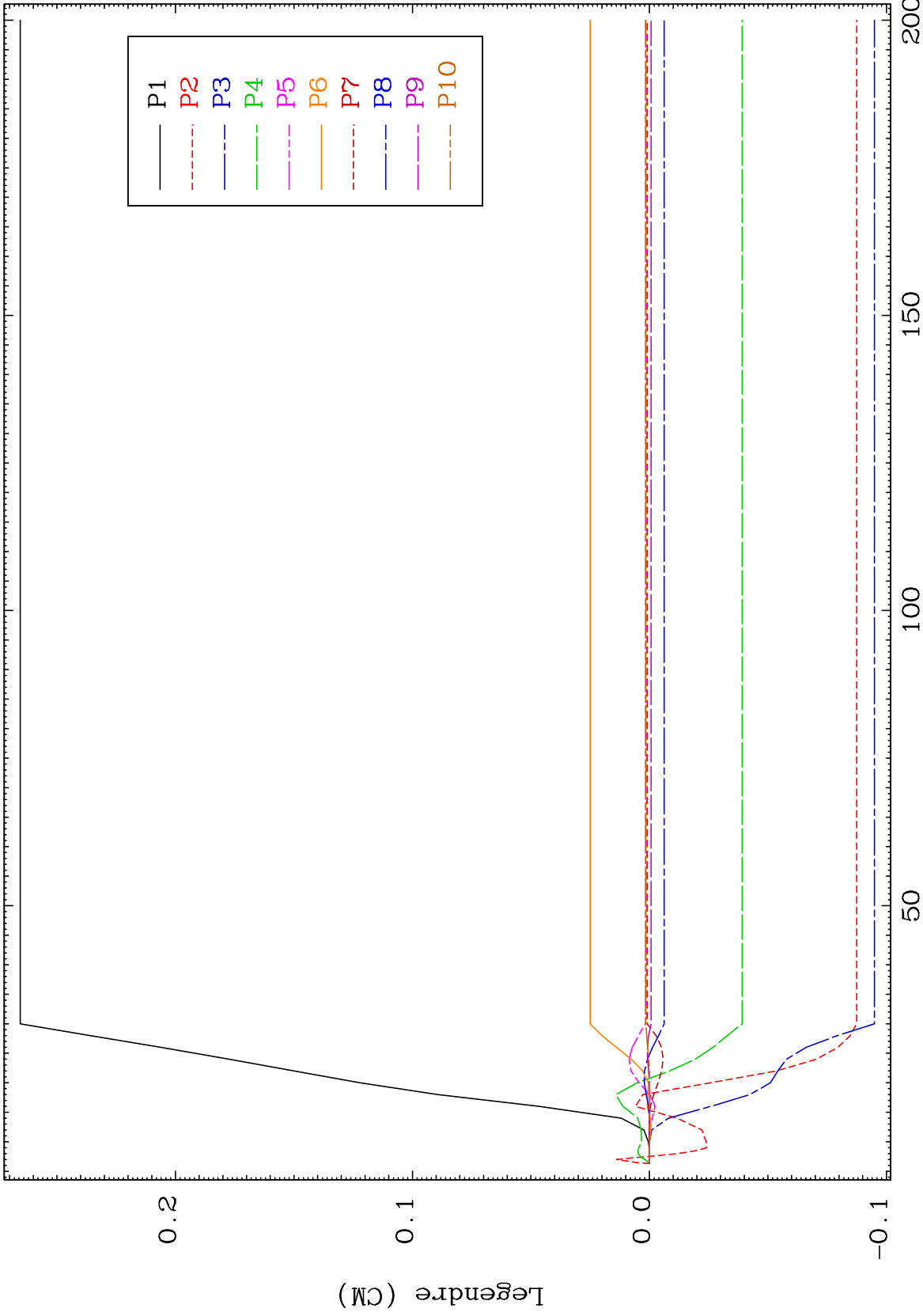


72 Incident Energy (MeV) 21-Sc-51

MAT 2143

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

21-Sc-51



73

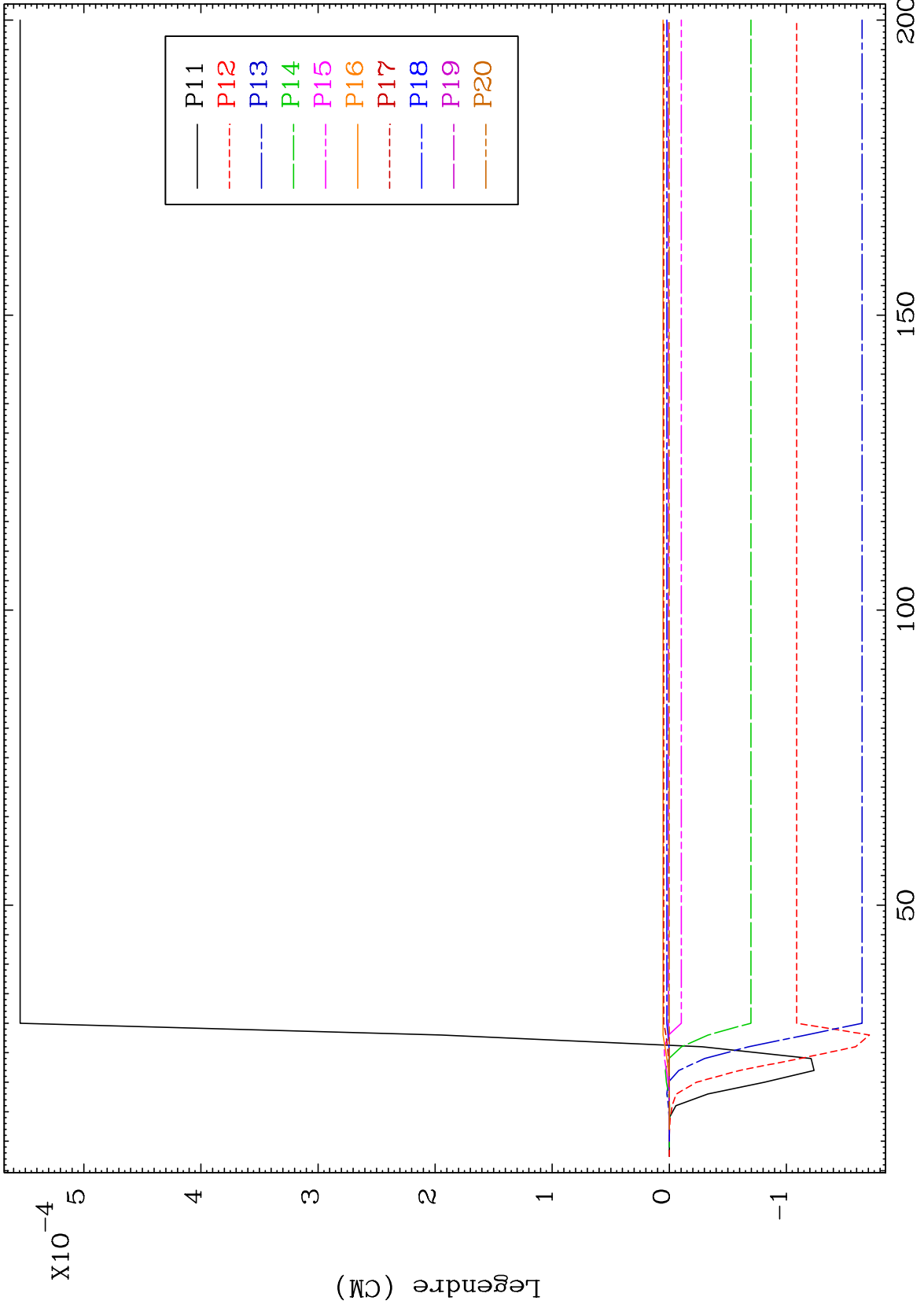
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51

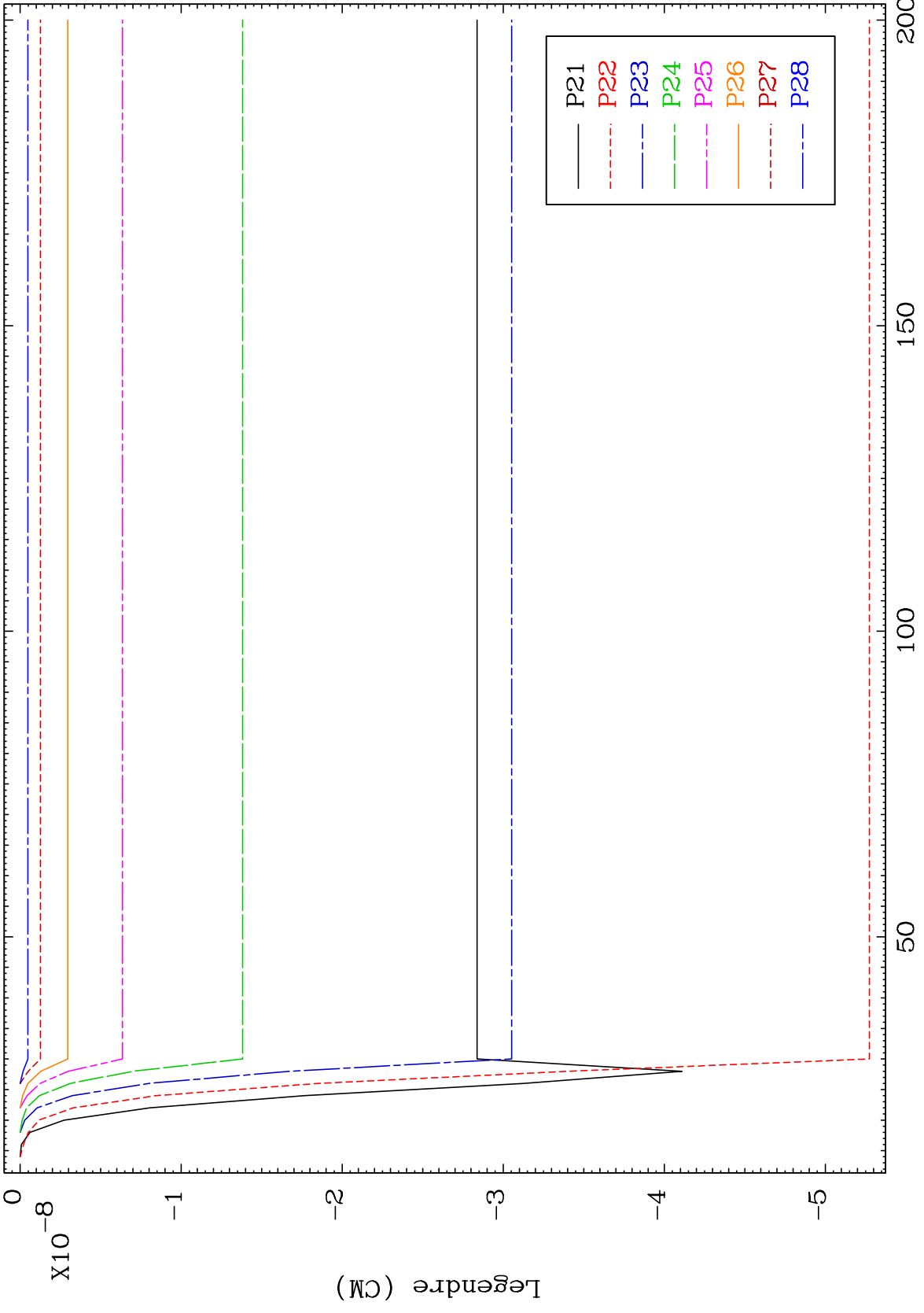


74

Incident Energy (MeV)

21-Sc-51

MAT 2143 MT= 69 (n,n') Level Legendre Coefficients 21-Sc-51

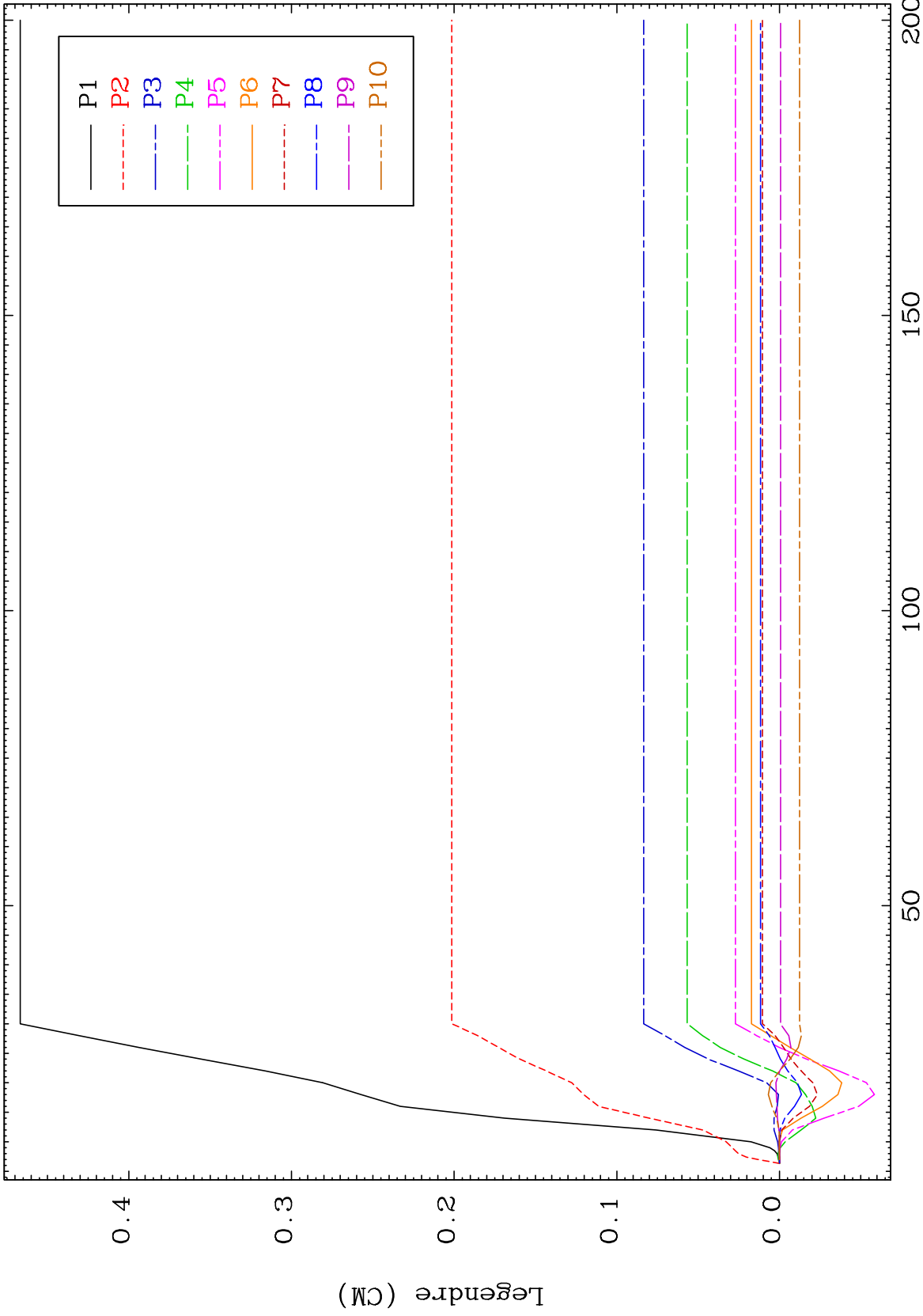


75 Incident Energy (MeV) 21-Sc-51

MAT 2143

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

21-Sc-51



76

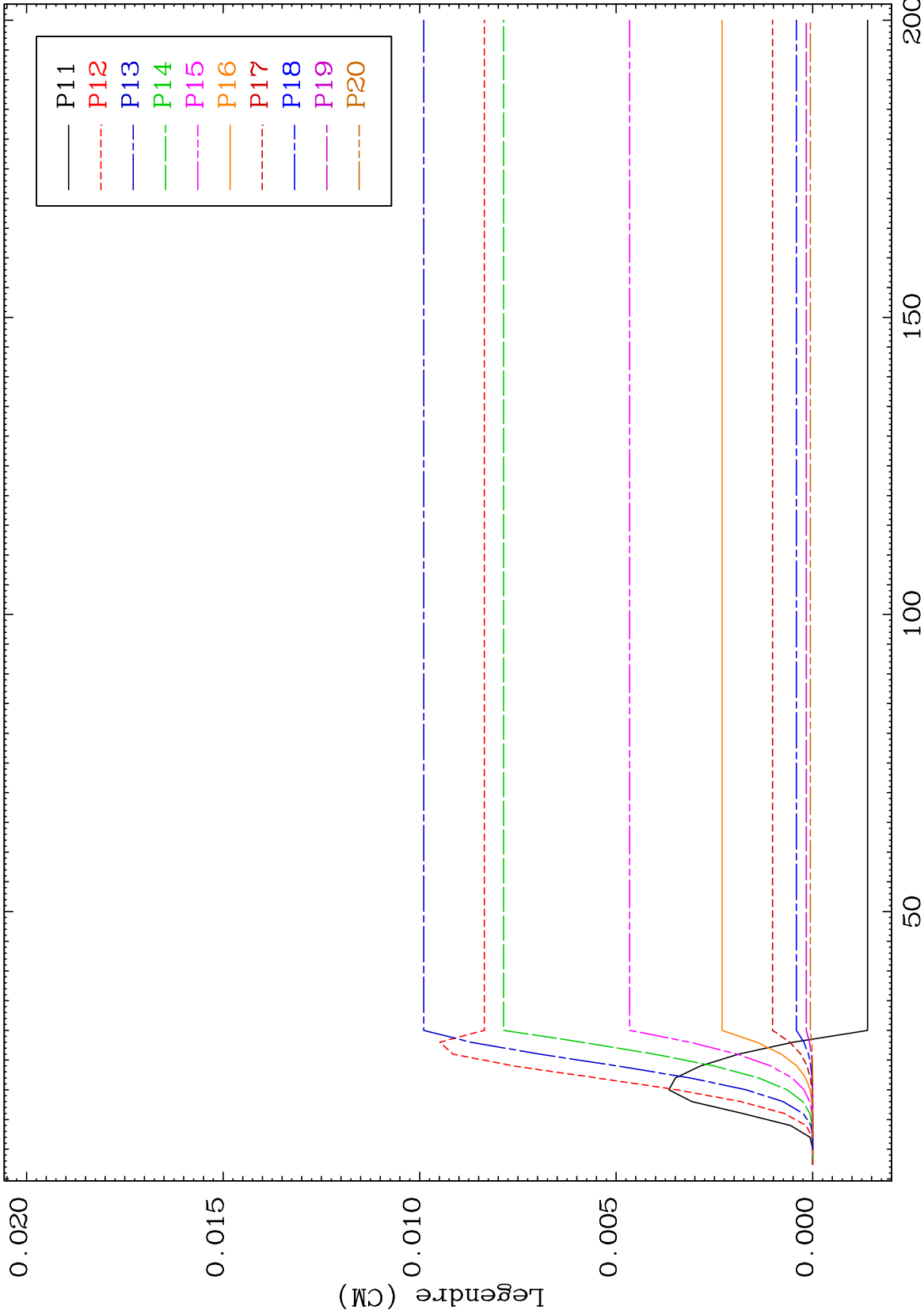
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



77

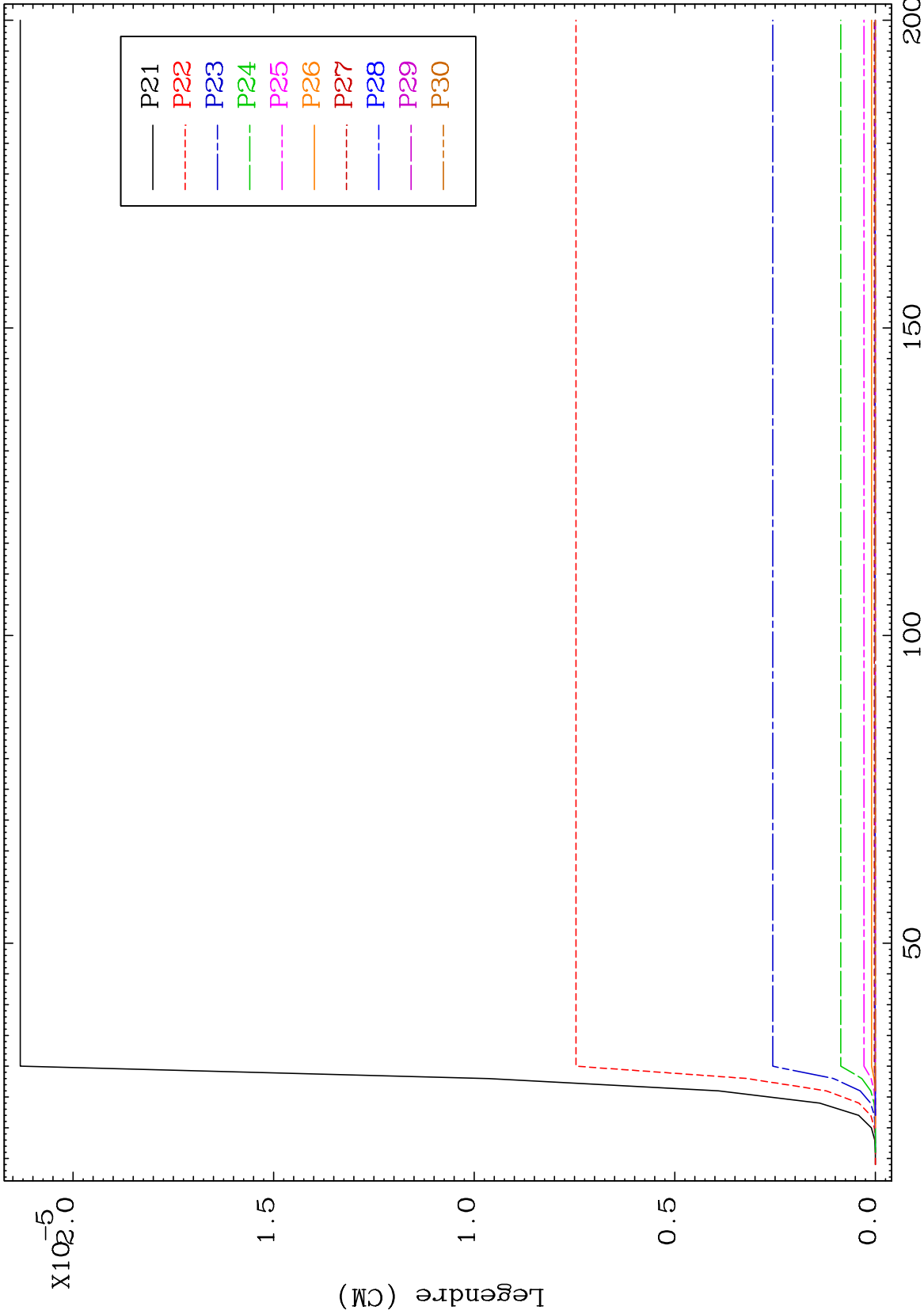
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



78

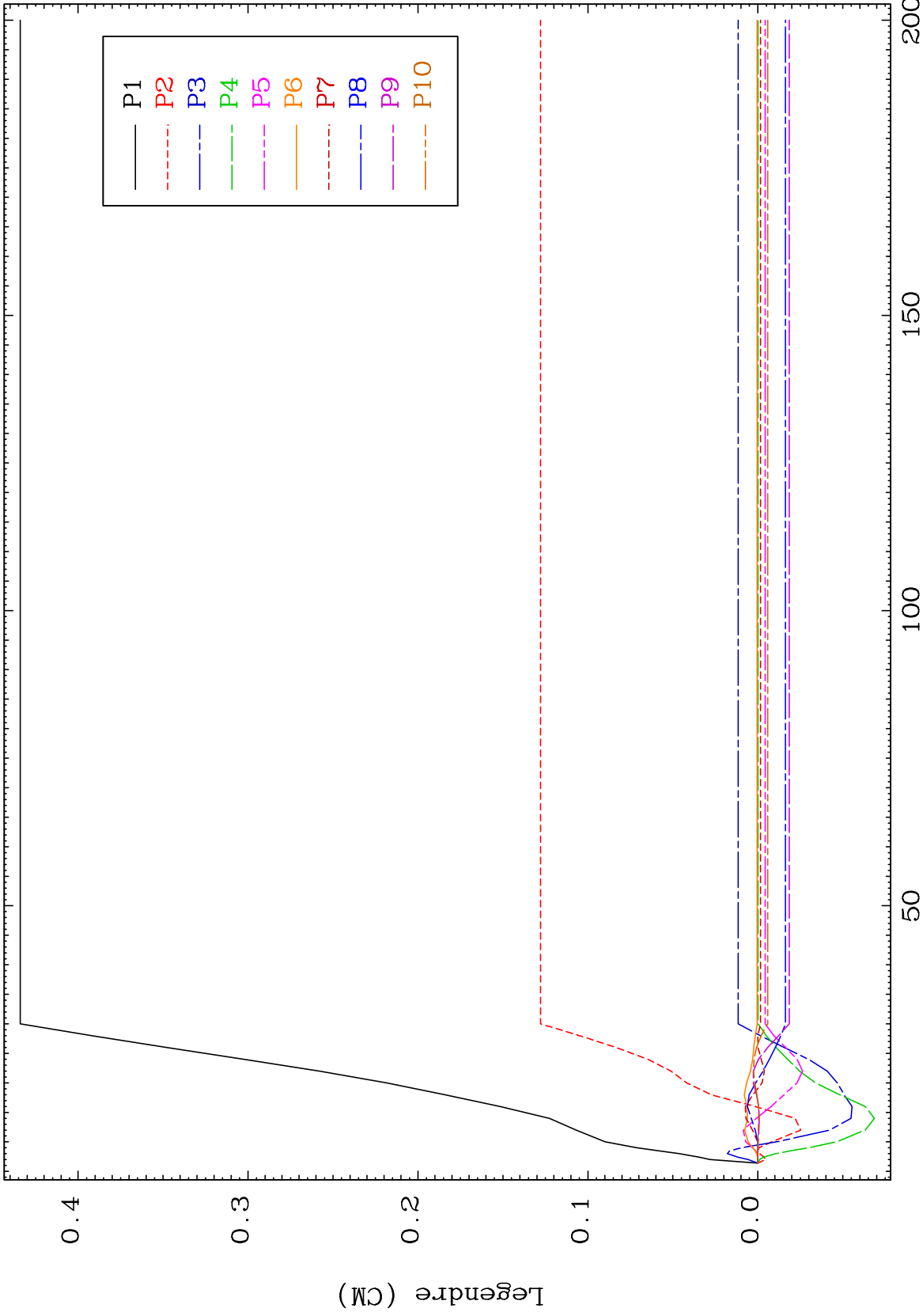
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



79

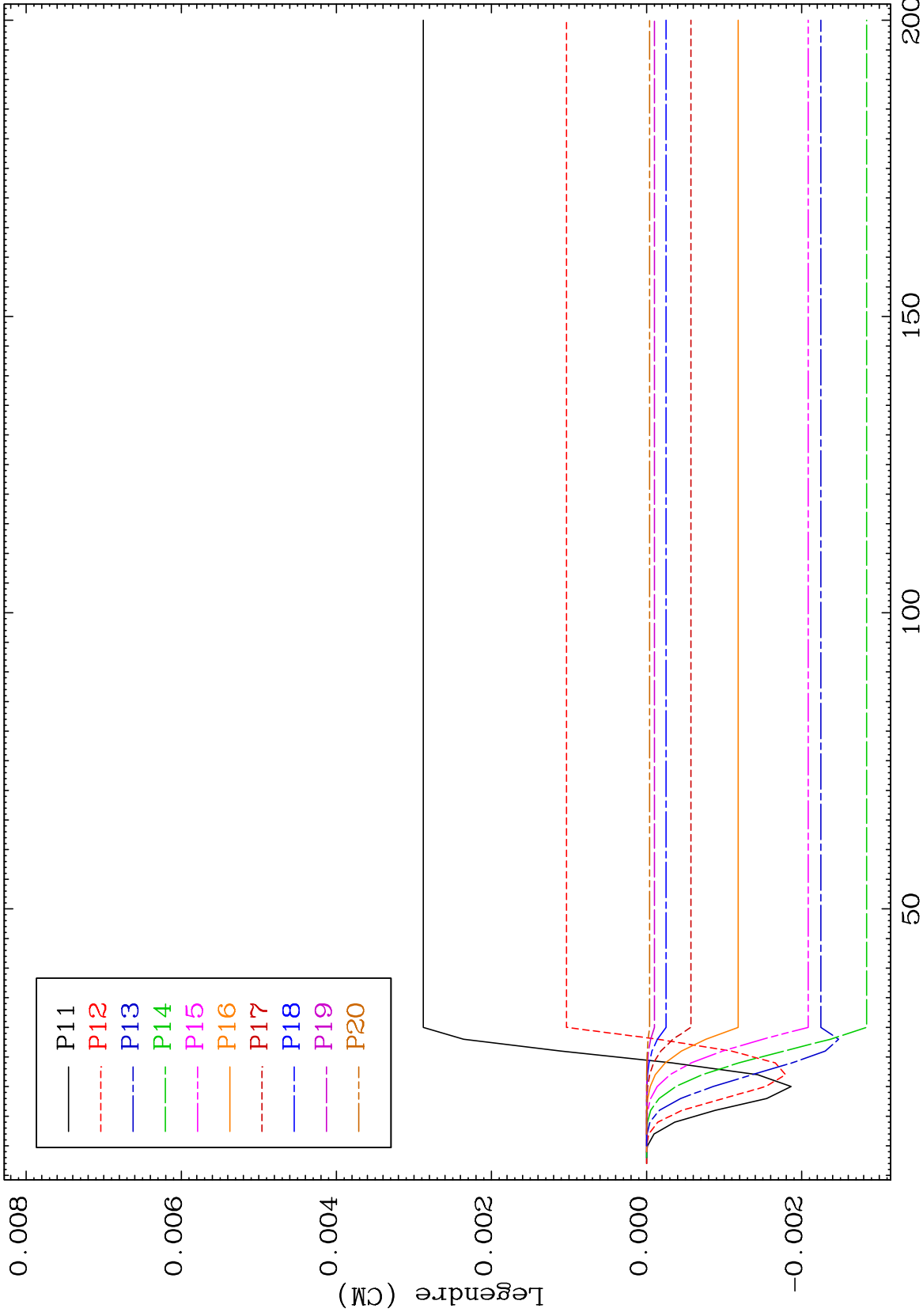
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



80

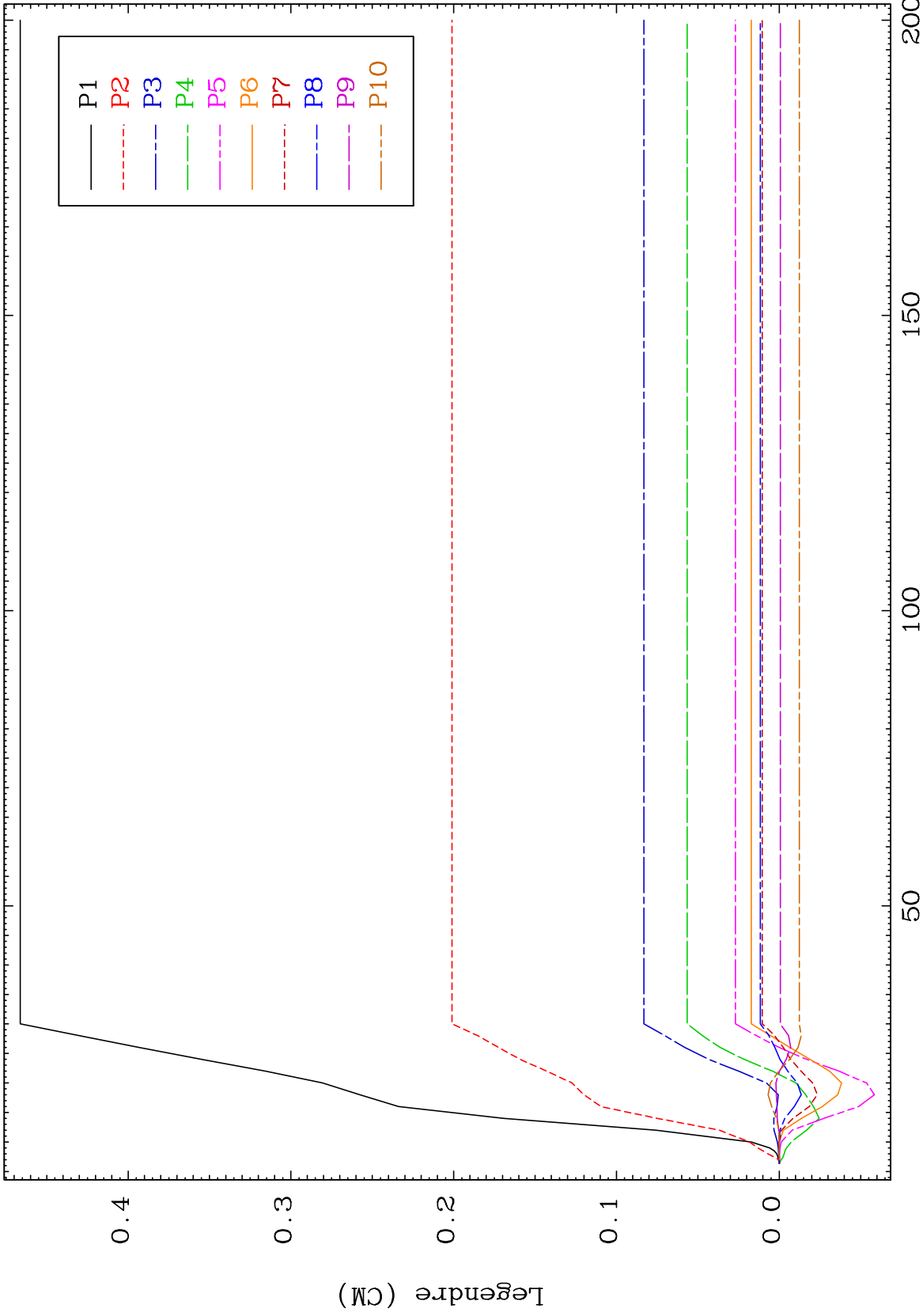
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



82

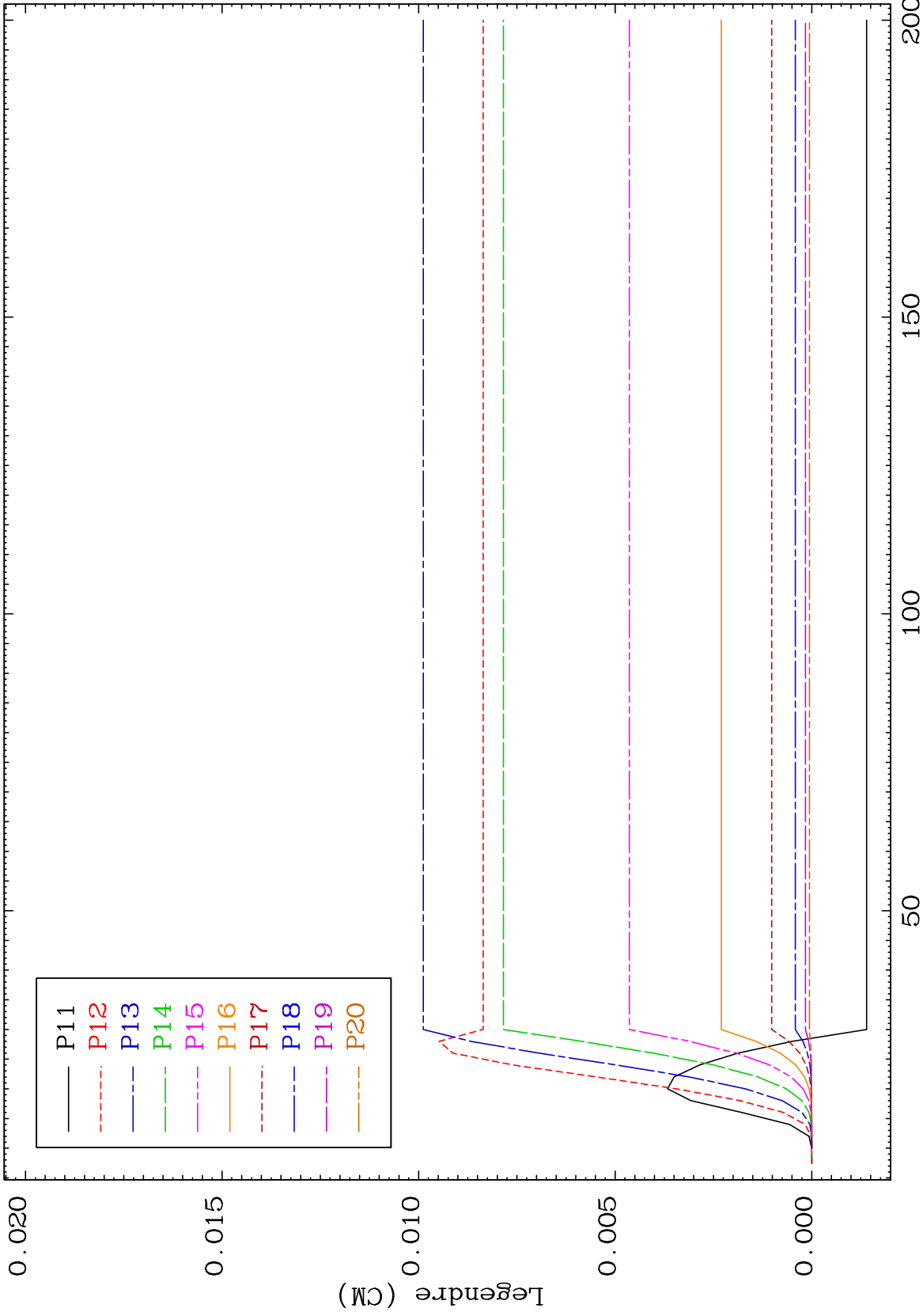
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

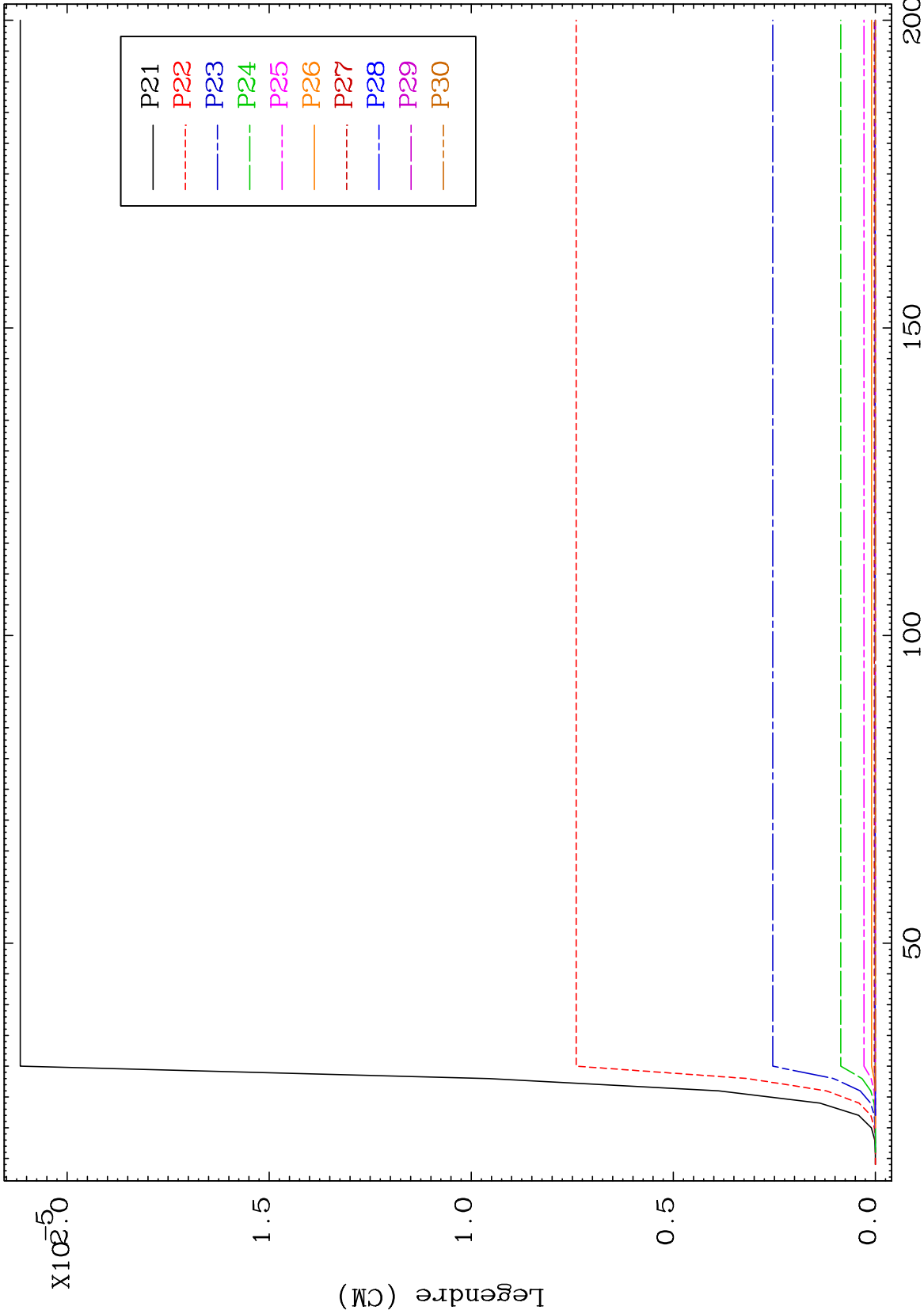
21-Sc-51



MAT 2143

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

21-Sc-51



84

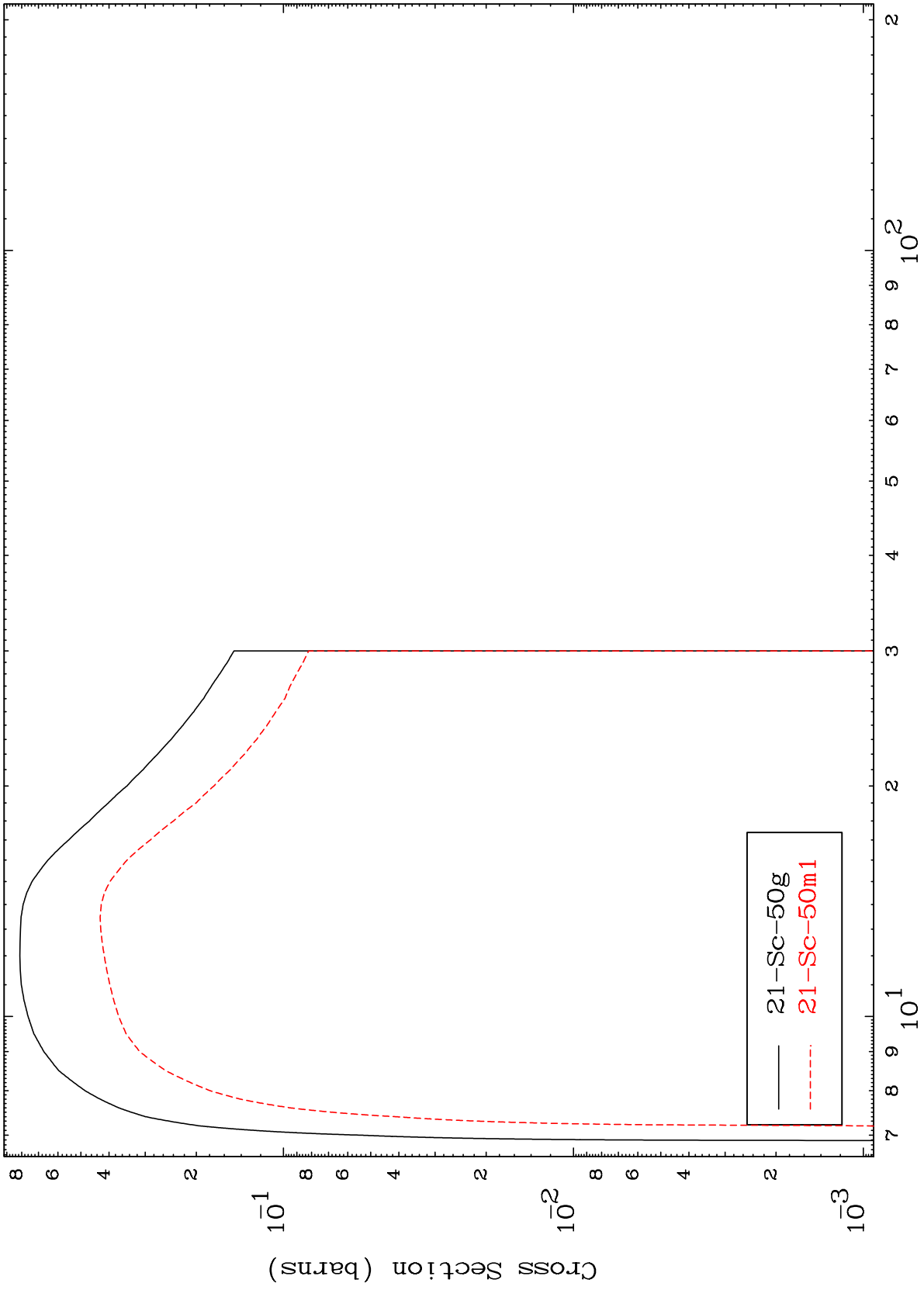
Incident Energy (MeV)

21-Sc-51

MAT 2143

21-Sc-51

(n,2n)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

21-Sc-51