

Program EVALPLOT
(Version 2021-1)

by

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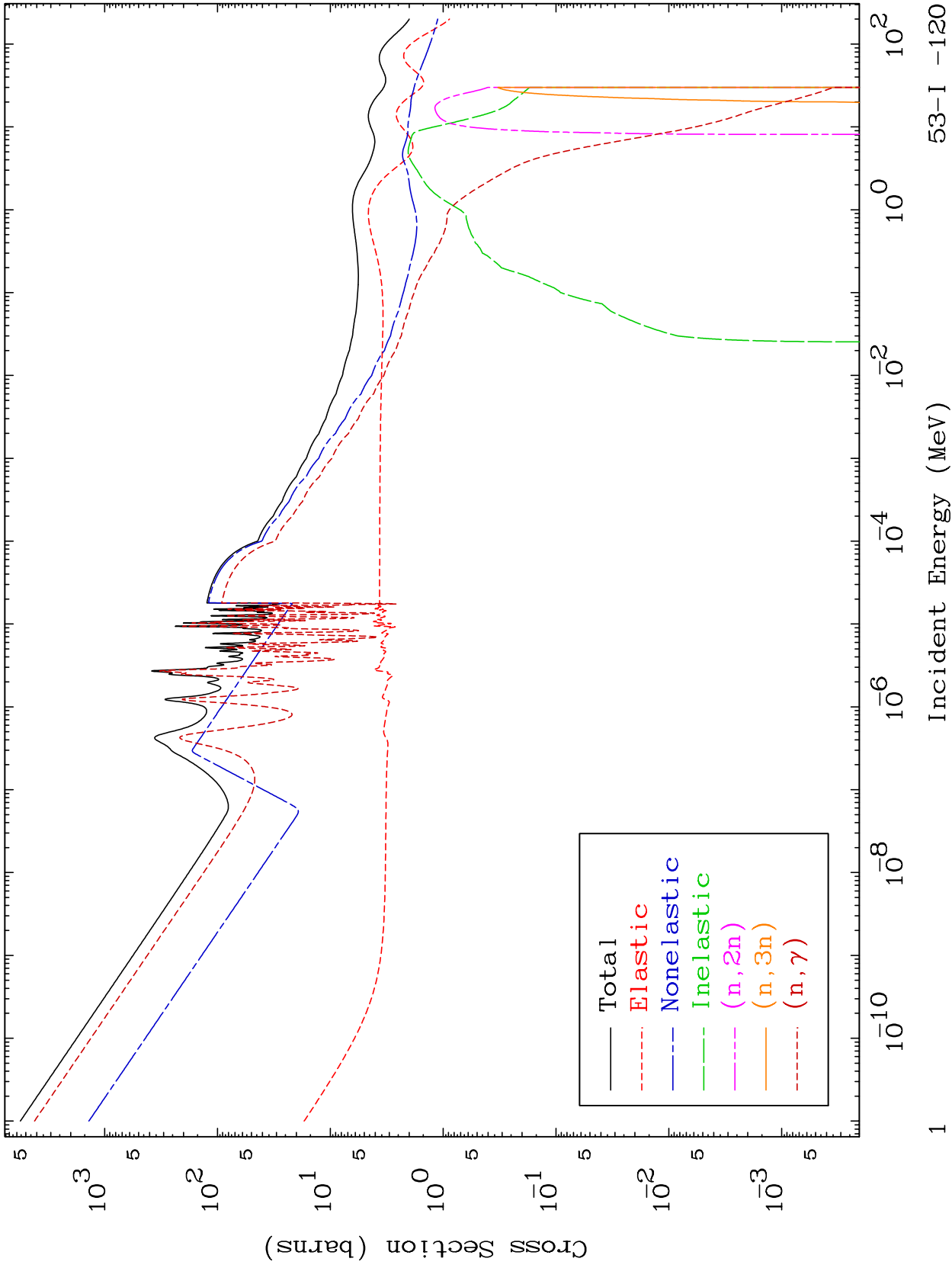
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5304

Neutron Major
293 Kelvin Cross Sections

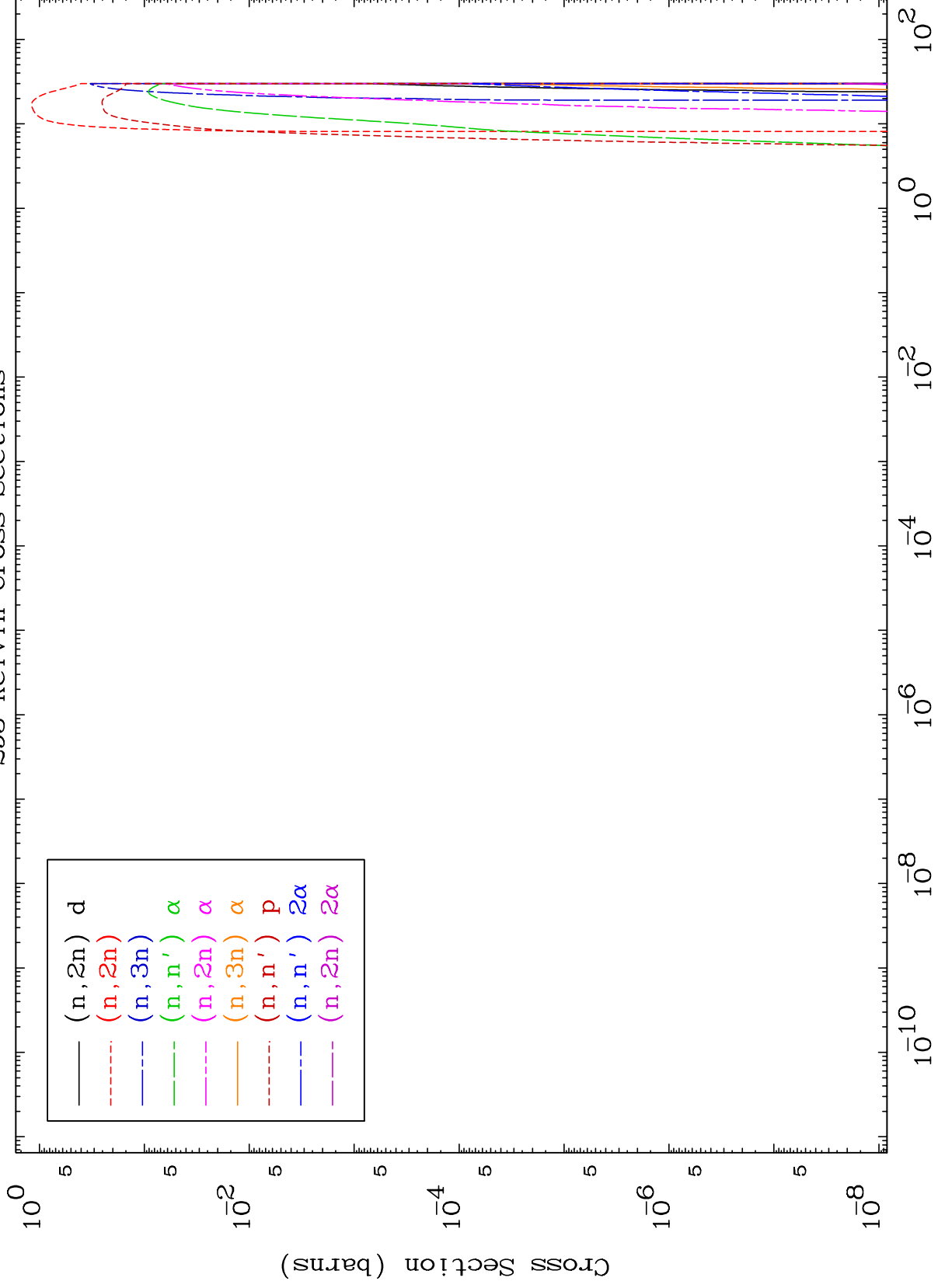
53-I -120



MAT 5304

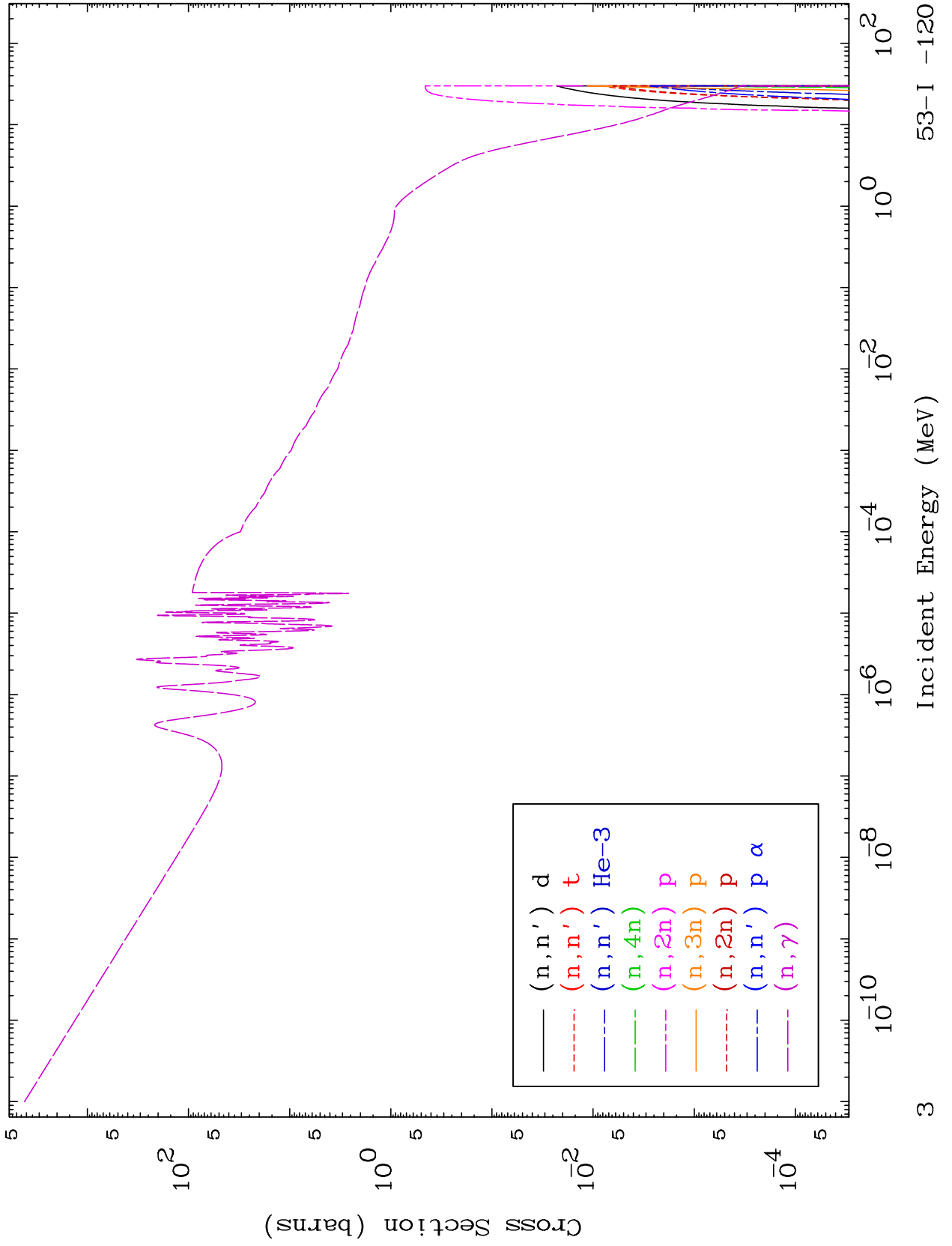
Neutron Absorption
293 Kelvin Cross Sections

53-I -120



53-I -120

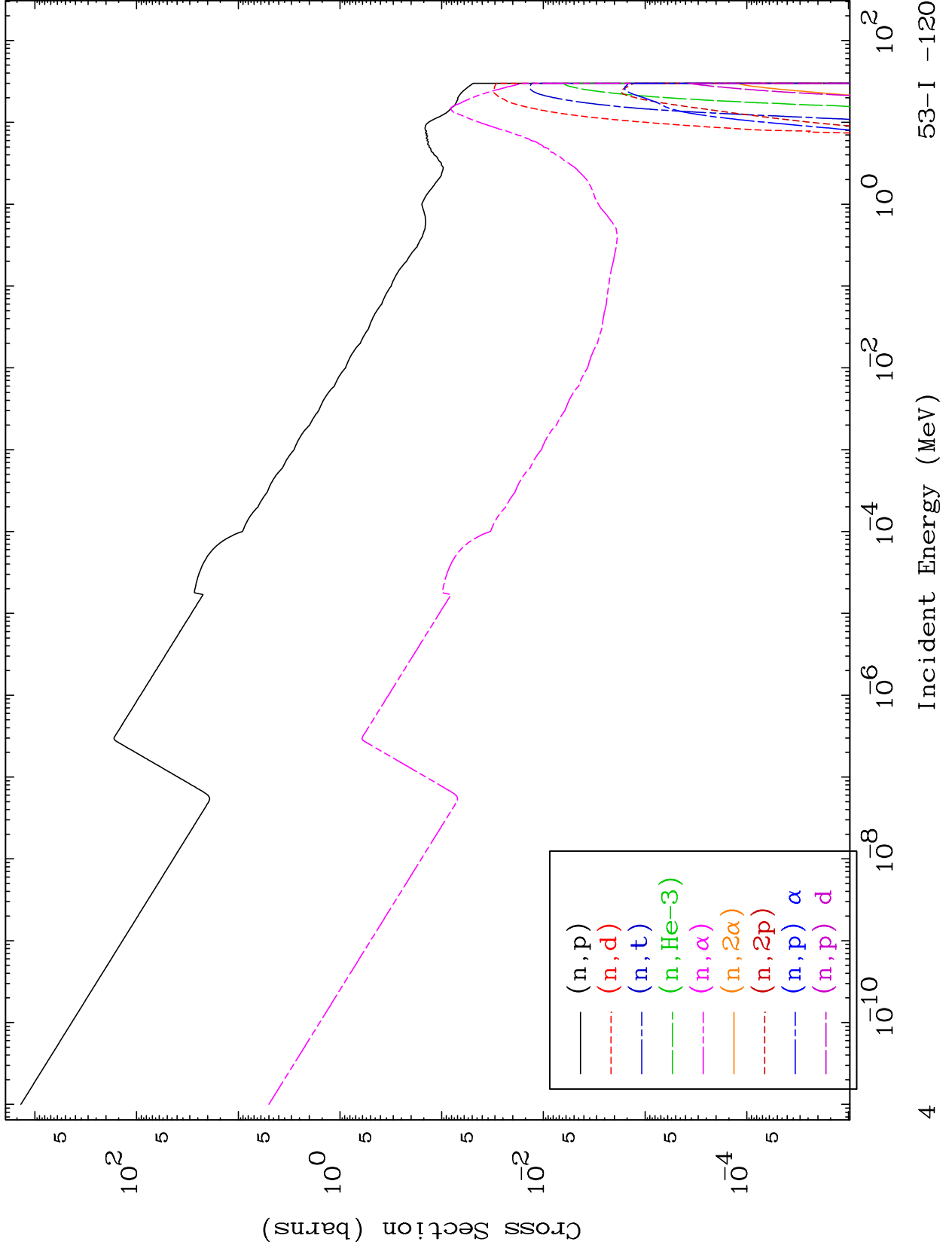
Incident Energy (MeV)

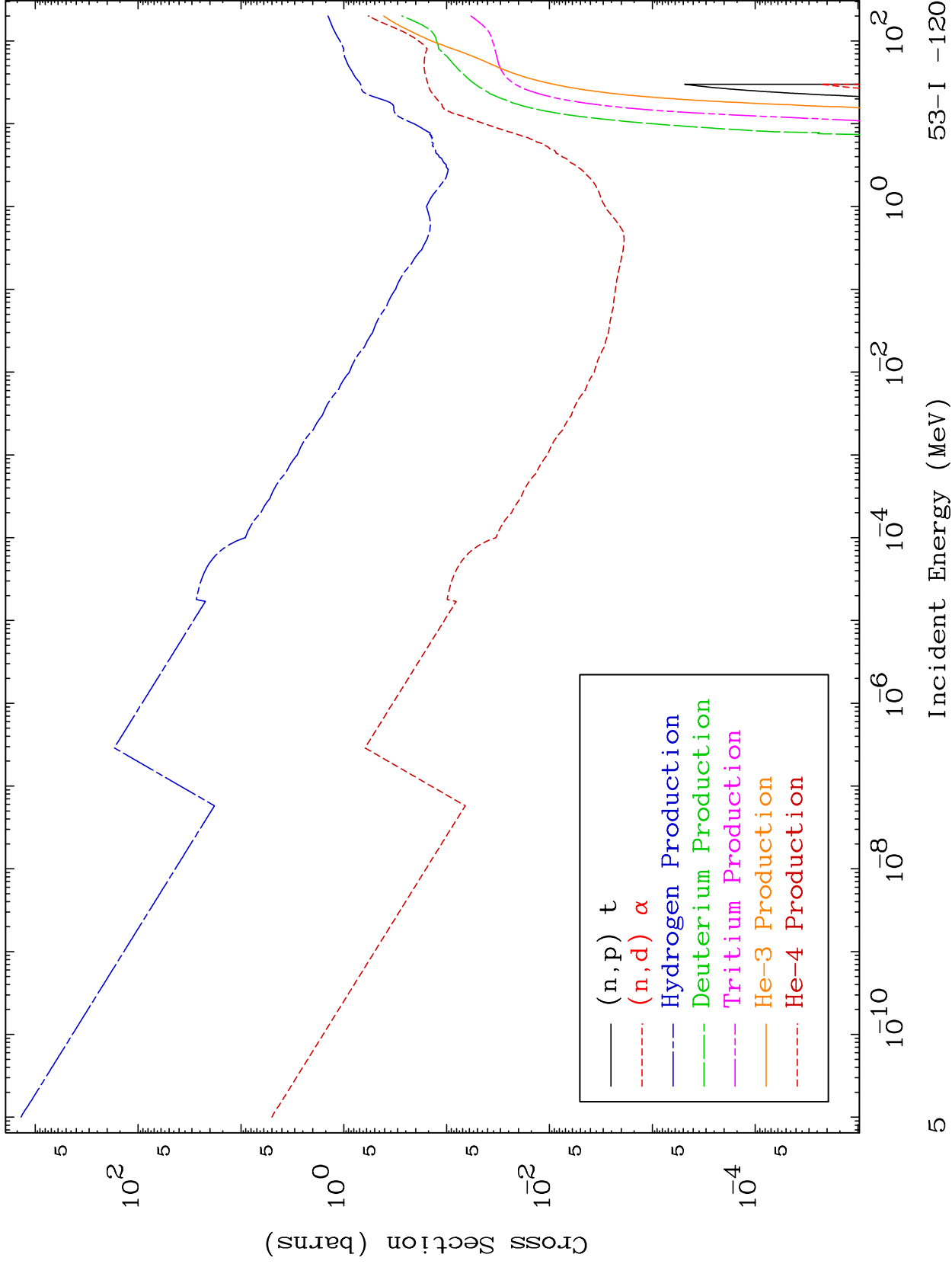


MAT 5304

Neutron Absorption
293 Kelvin Cross Sections

53-I -120

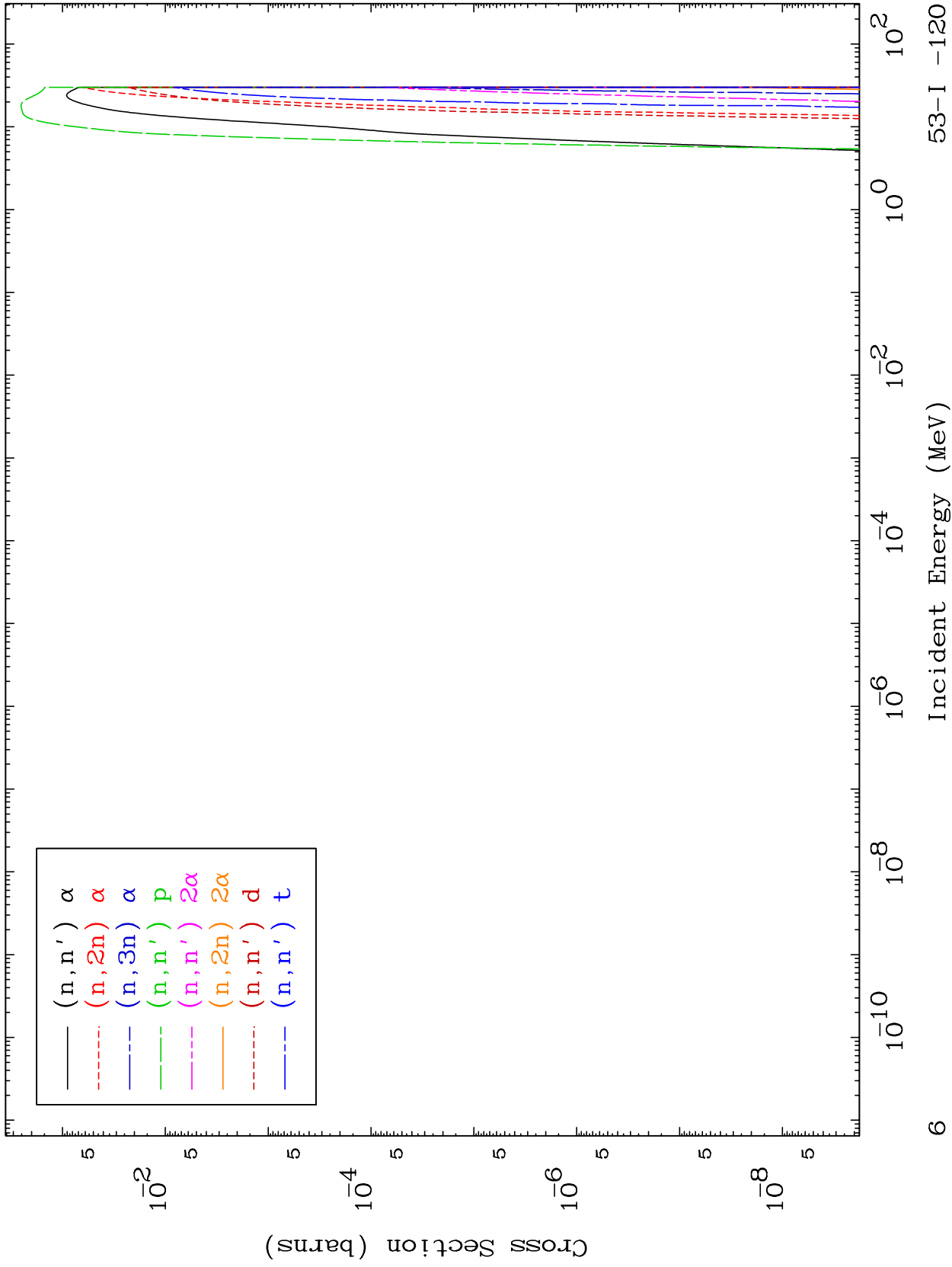




MAT 5304

Charged Particle
293 Kelvin Cross Sections

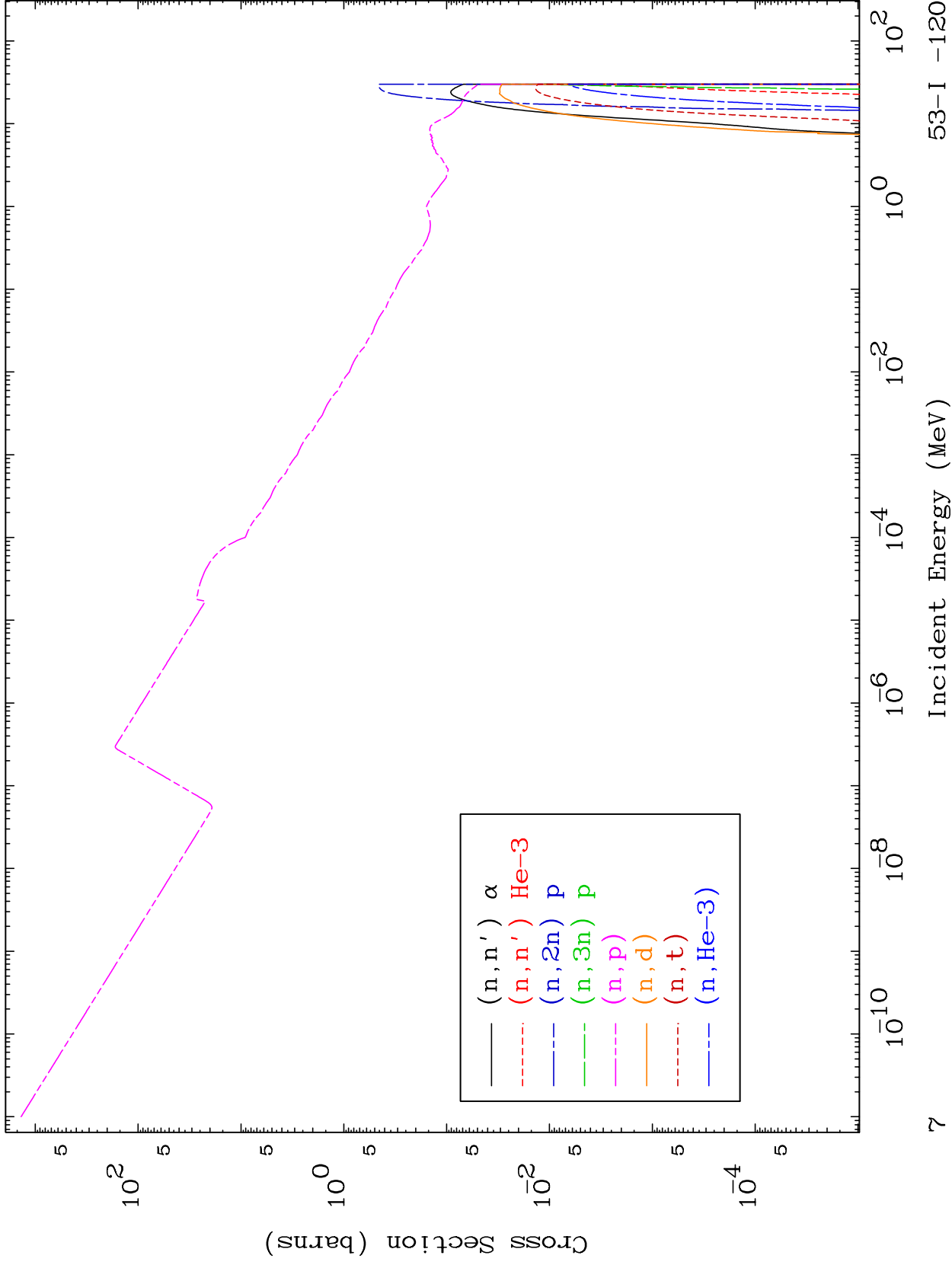
53-I -120



MAT 5304

Charged Particle
293 Kelvin Cross Sections

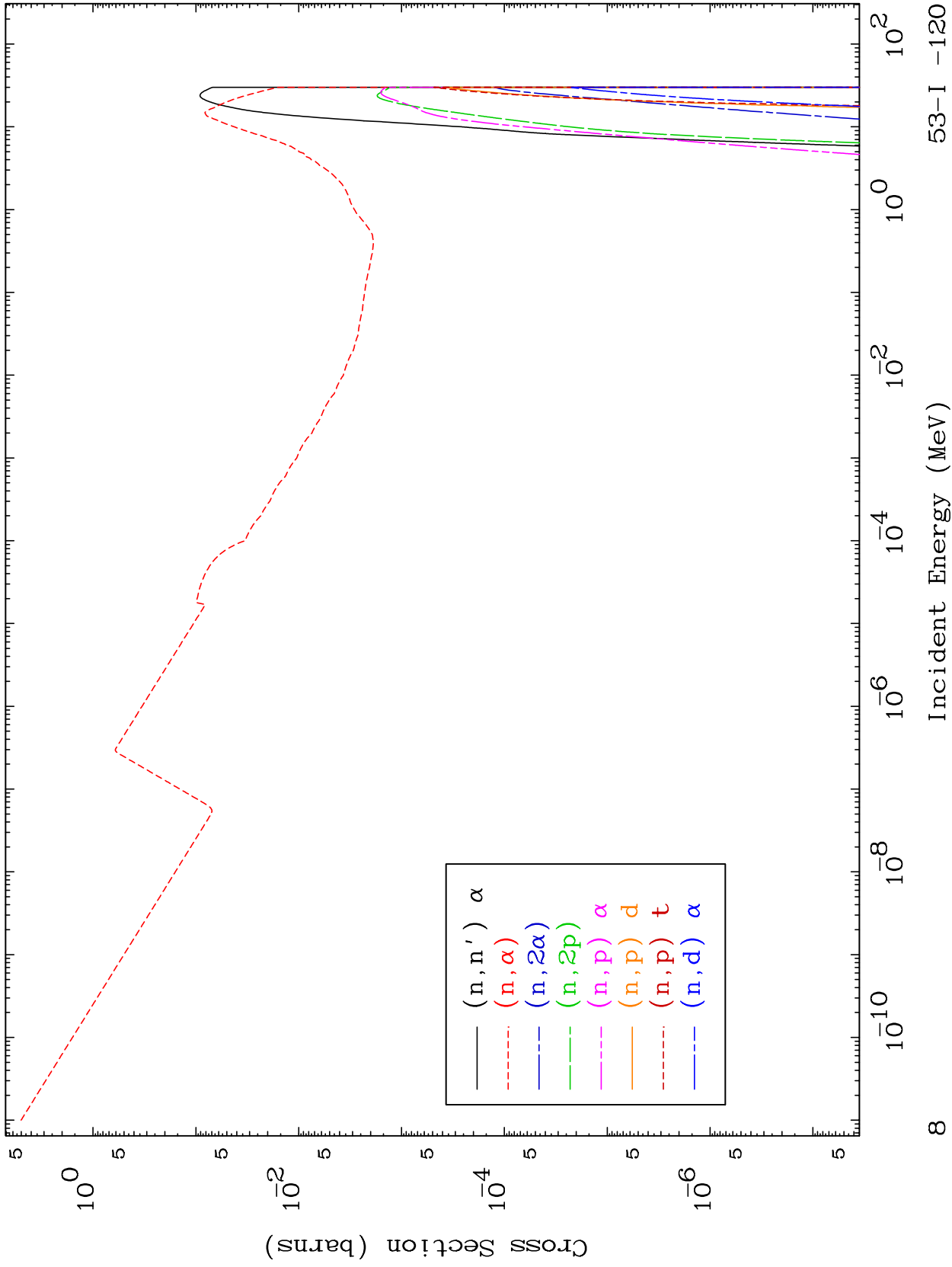
53-I -120

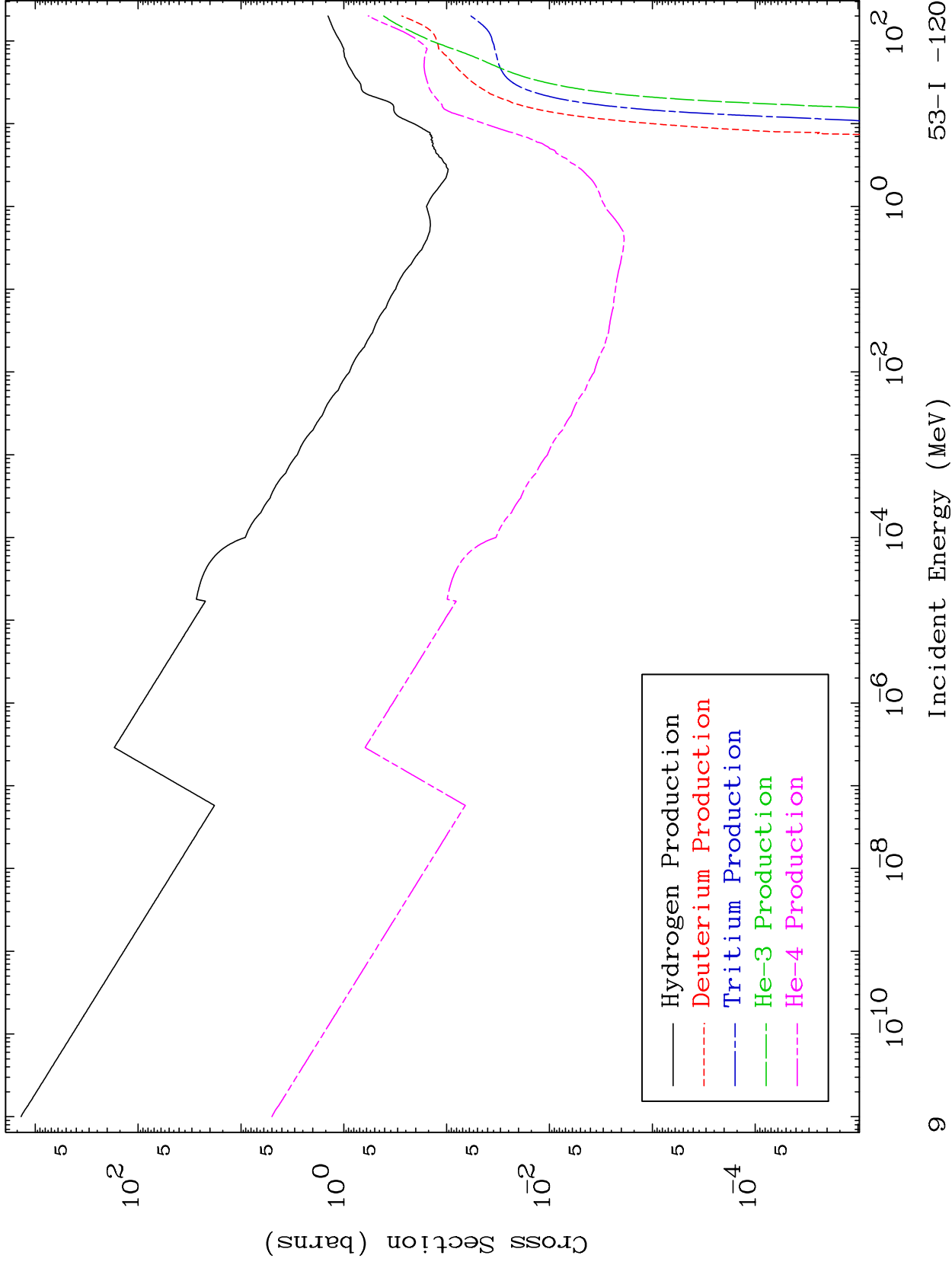


MAT 5304

Charged Particle
293 Kelvin Cross Sections

53-I -120

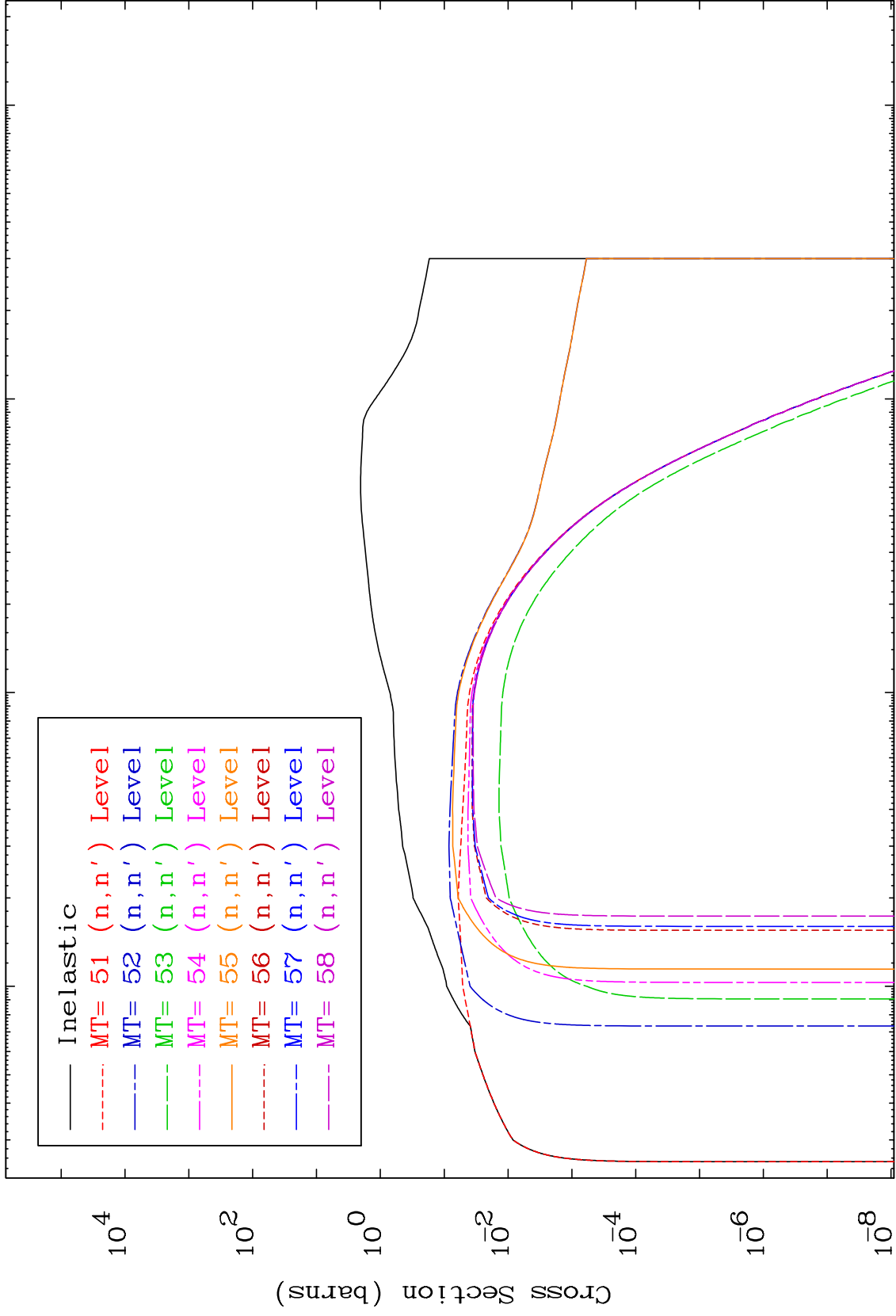




MAT 5304

(n,n') Levels
293 Kelvin Cross Sections

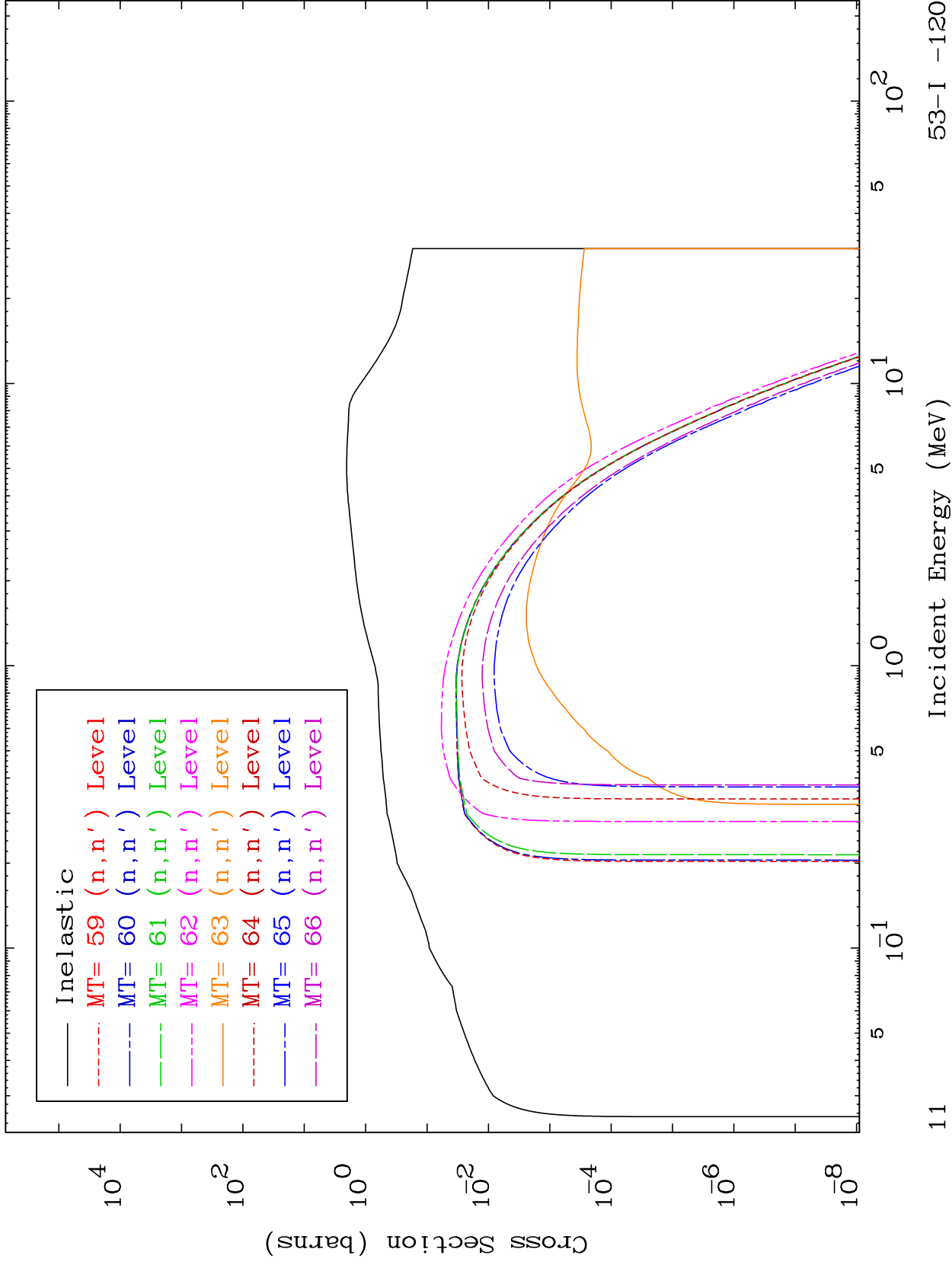
53-I -120

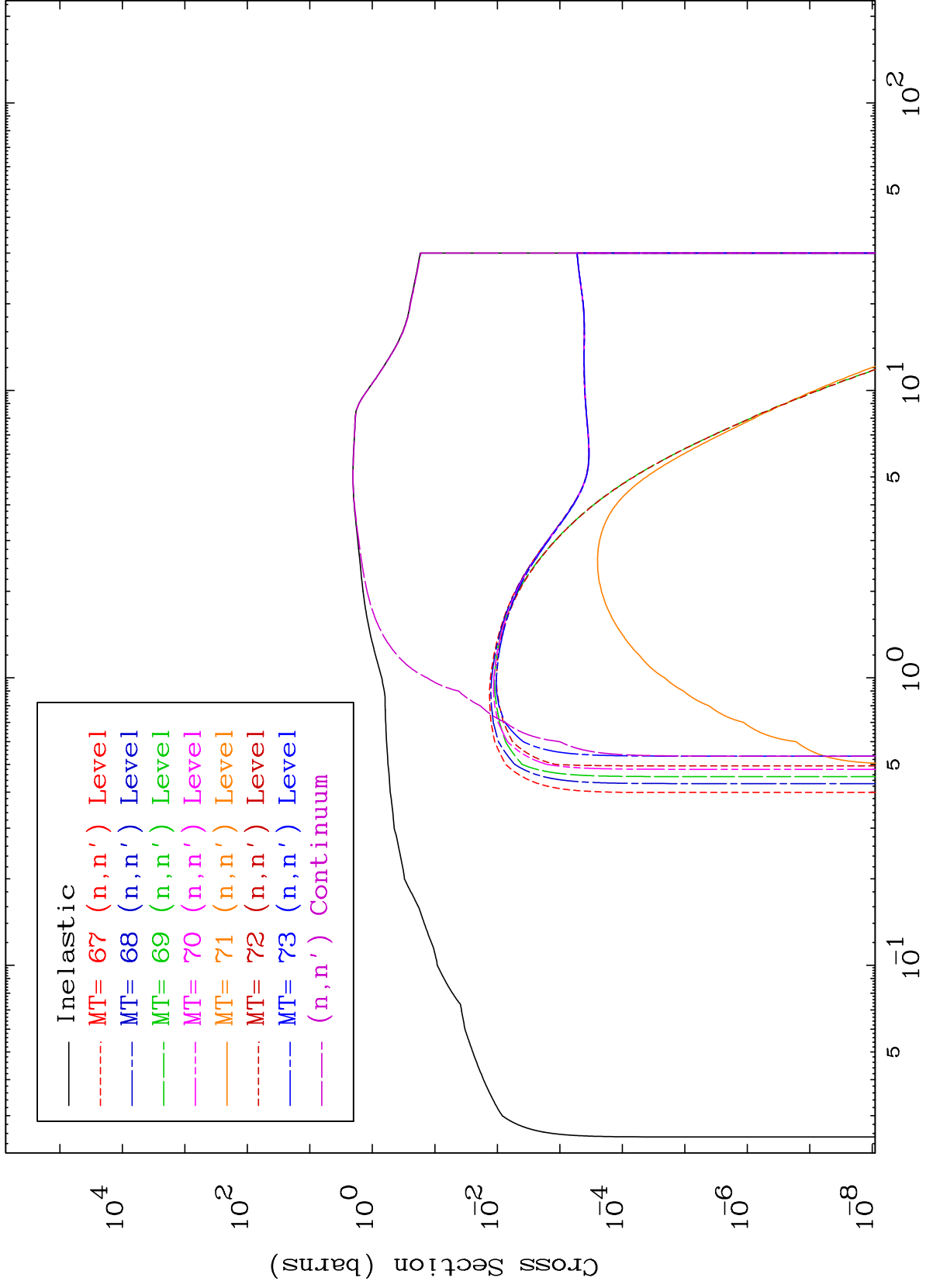


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Incident Energy (MeV)

53-I -120

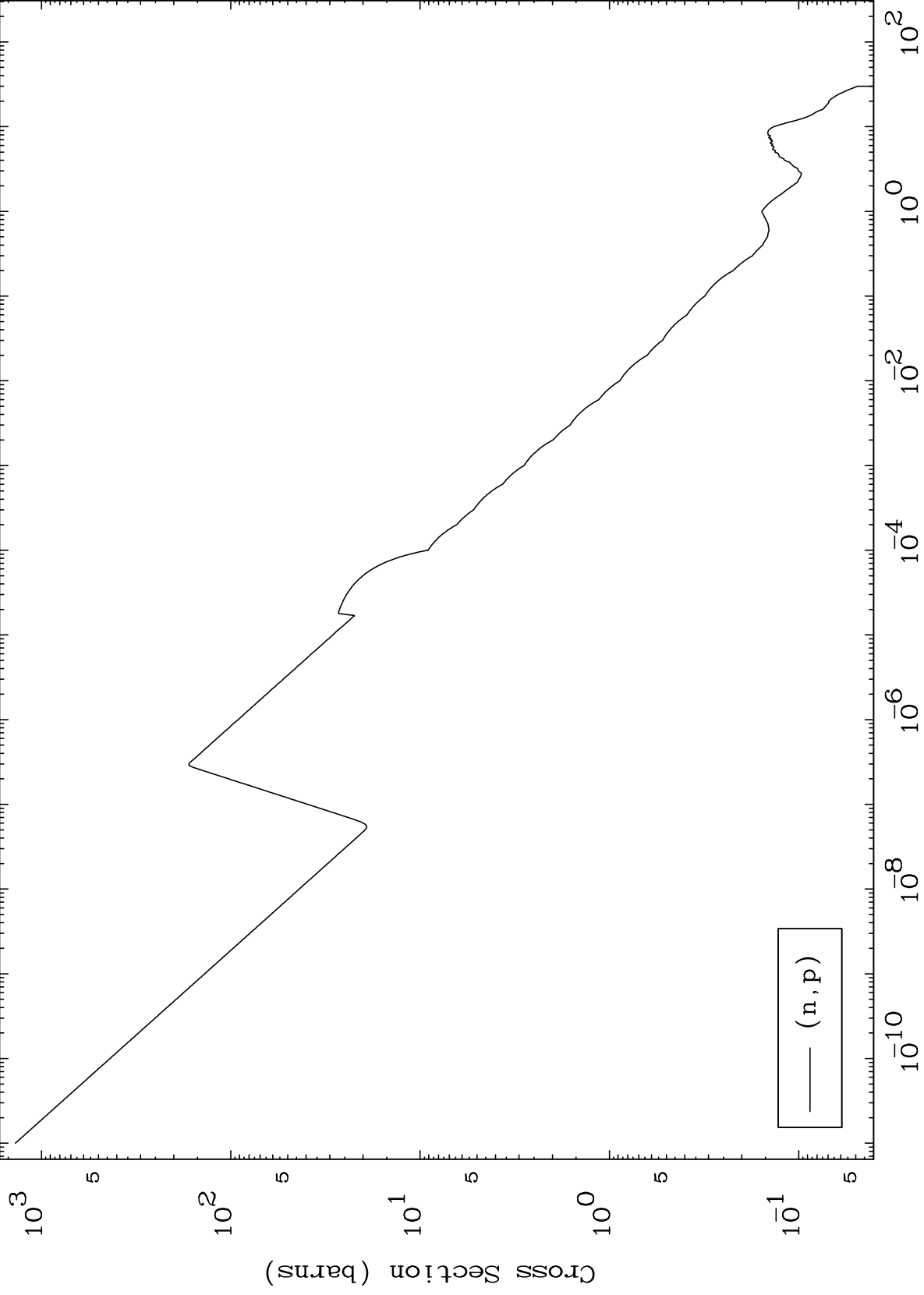




MAT 5304

(n,p) Levels
293 Kelvin Cross Sections

53-I -120



13

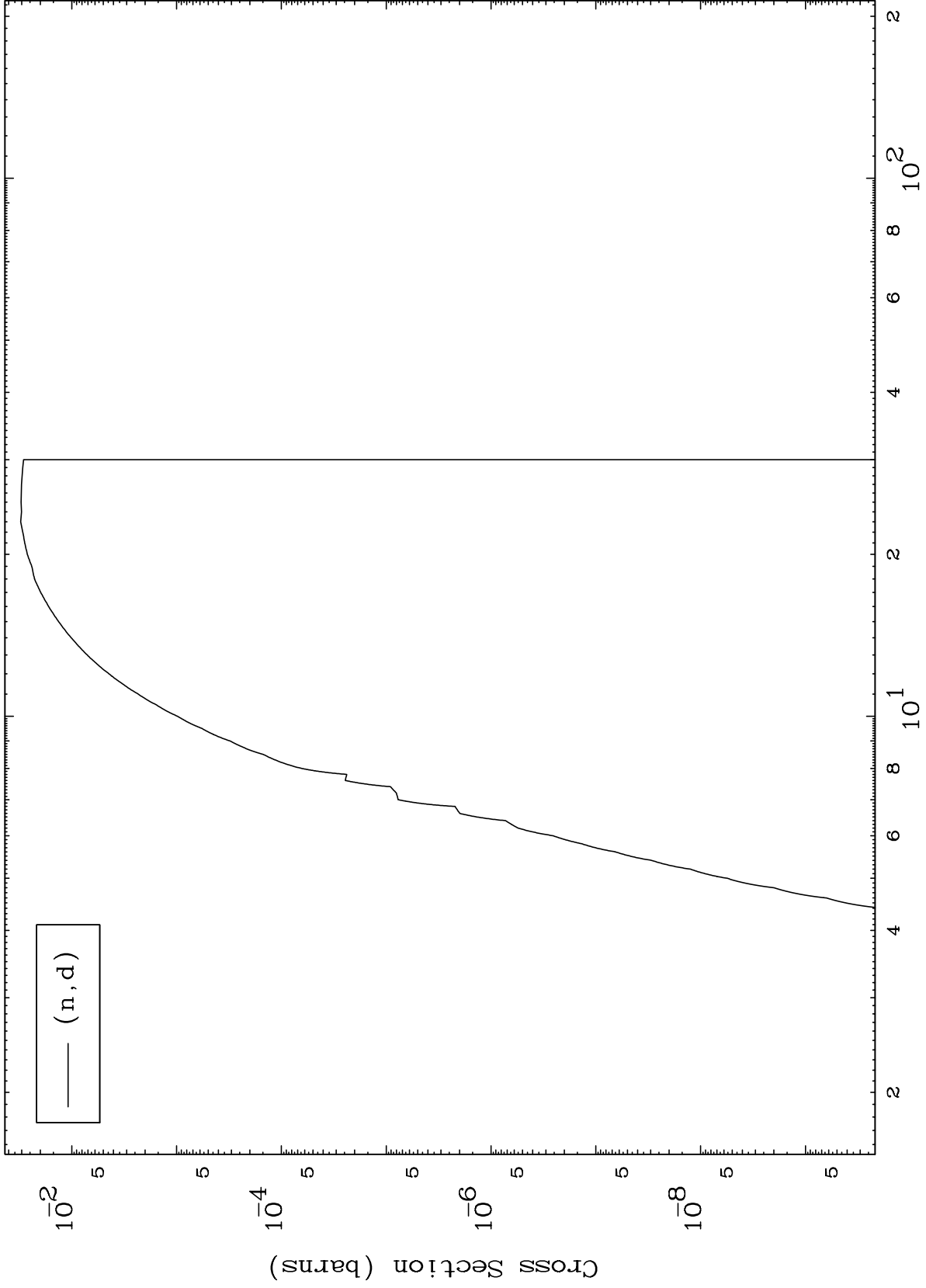
Incident Energy (MeV)

53-I -120

MAT 5304

(n,d) Levels
293 Kelvin Cross Sections

53-I -120



14

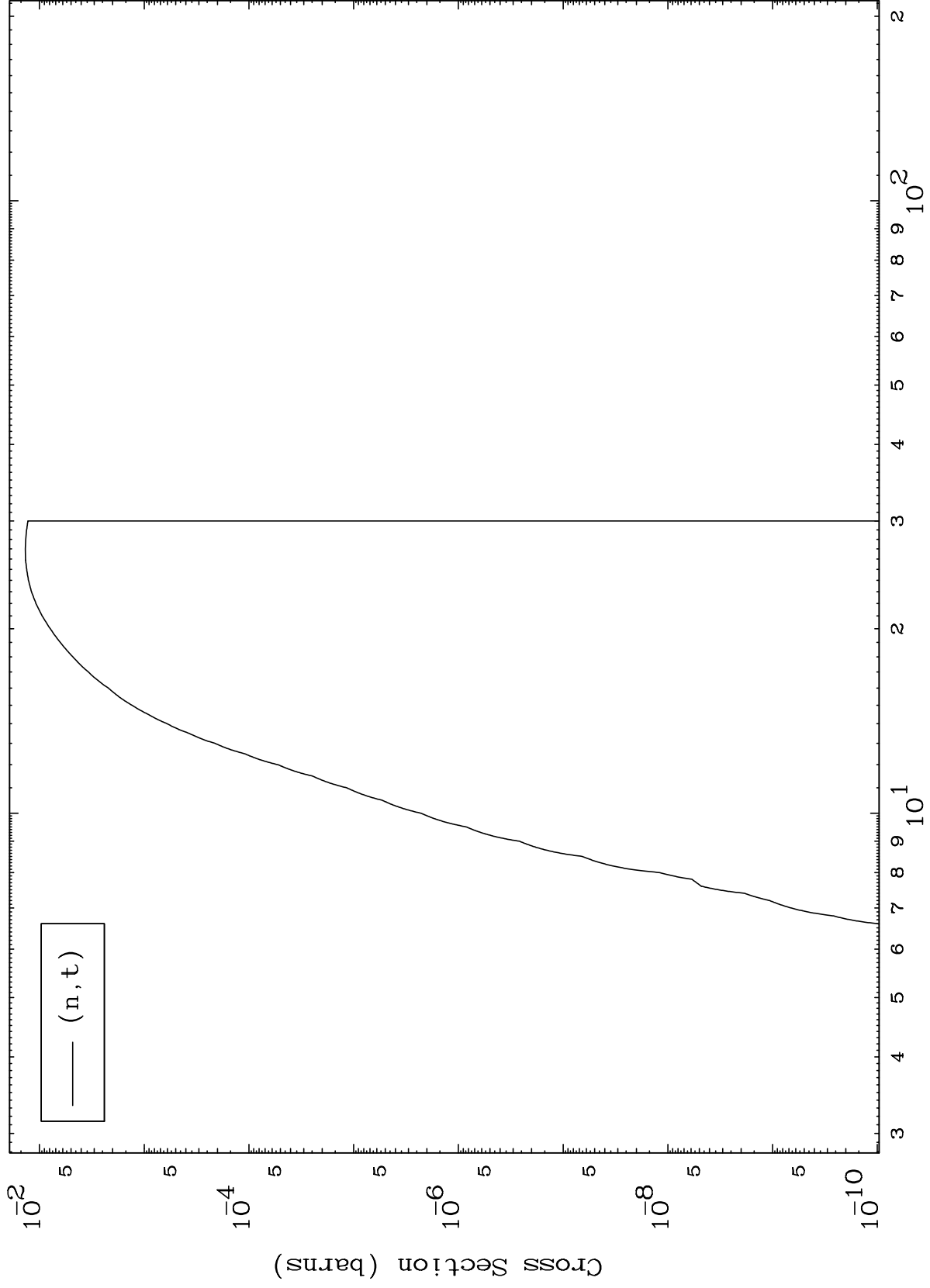
Incident Energy (MeV)

53-I -120

MAT 5304

(n,t) Levels
293 Kelvin Cross Sections

53-I -120



15

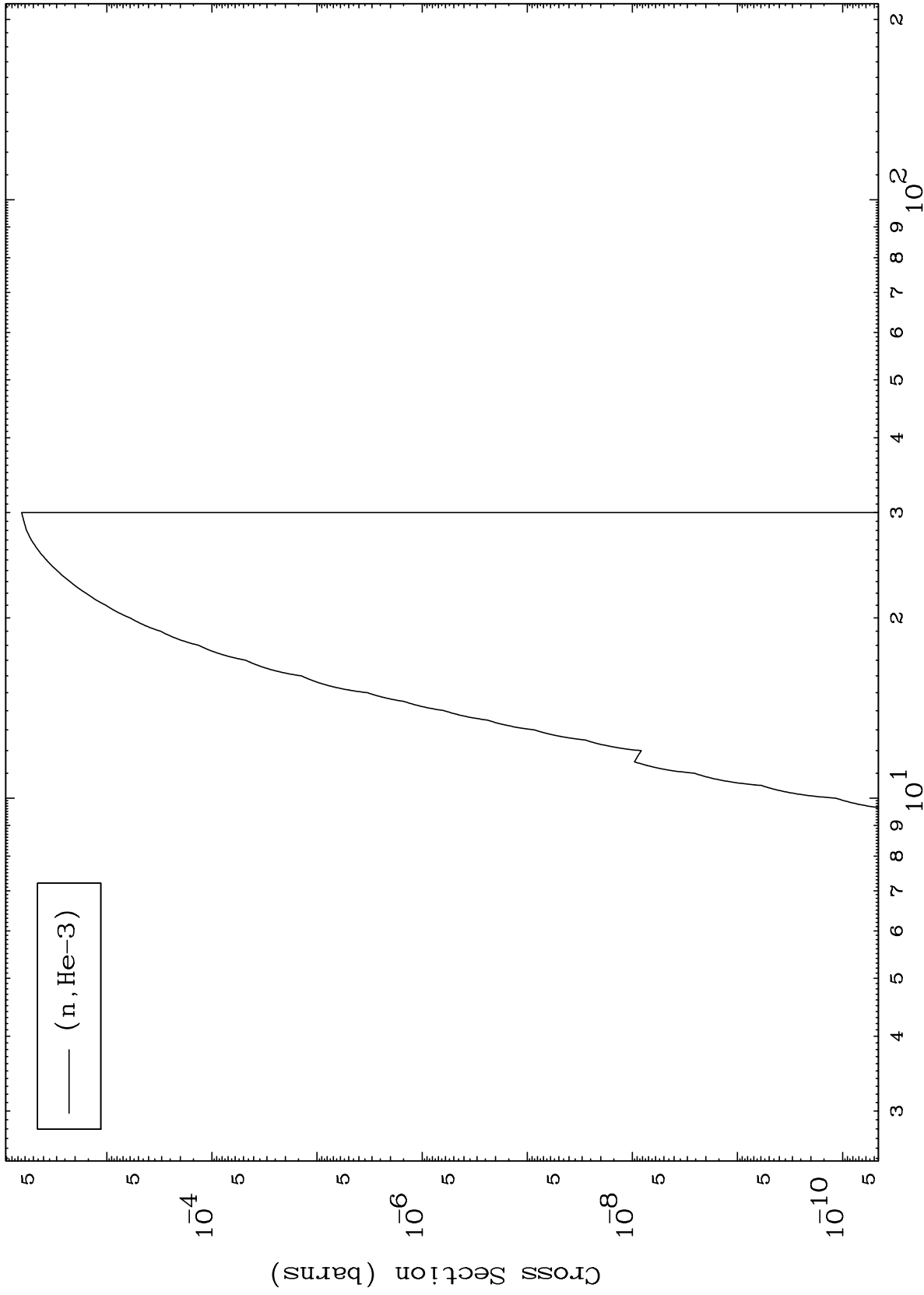
Incident Energy (MeV)

53-I -120

MAT 5304

(n,He3) Levels
293 Kelvin Cross Sections

53-I -120



16

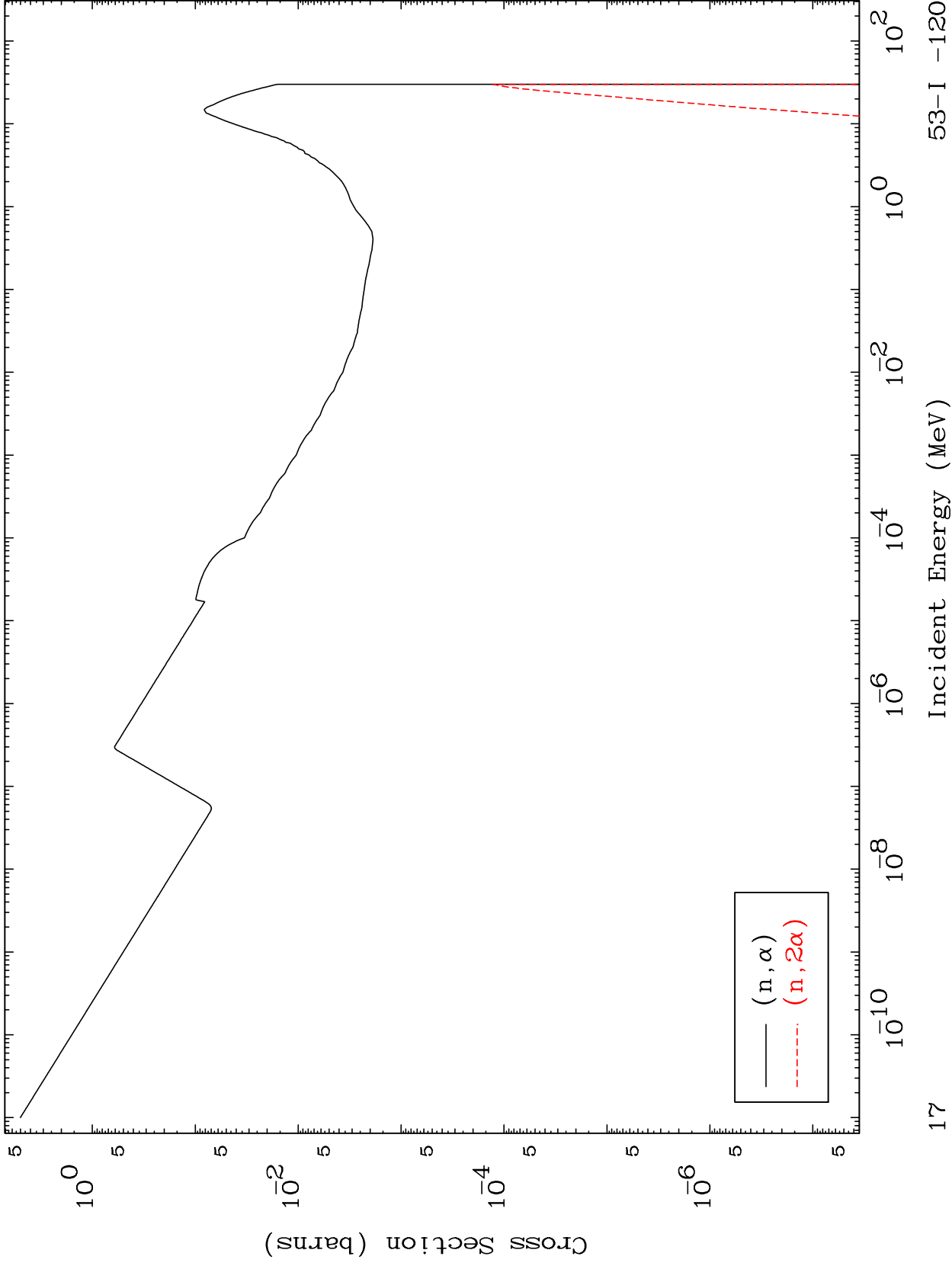
Incident Energy (MeV)

53-I -120

MAT 5304

(n,α) Levels
293 Kelvin Cross Sections

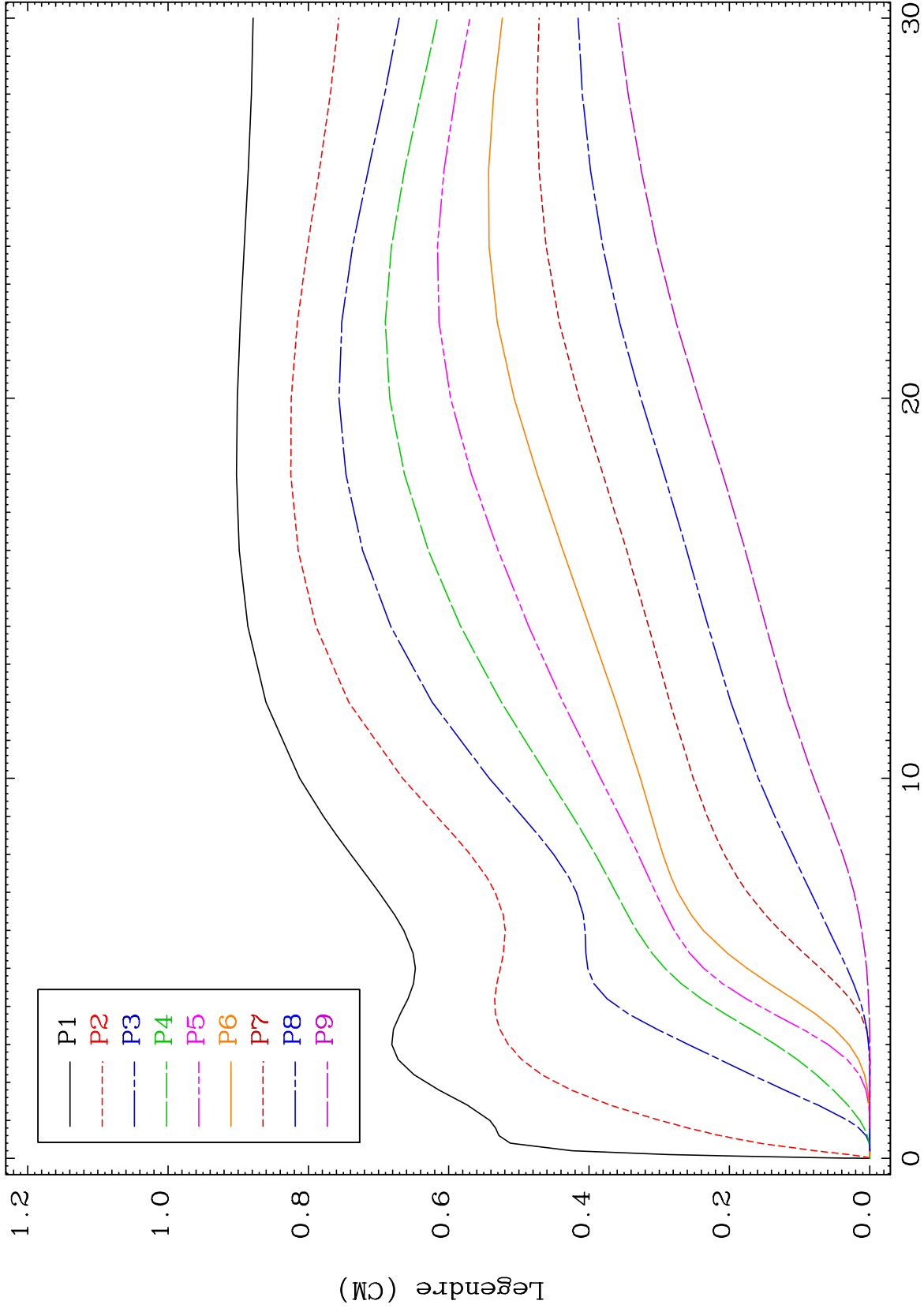
53-I -120



MAT 5304

Elastic Legendre Coefficients

53-I -120



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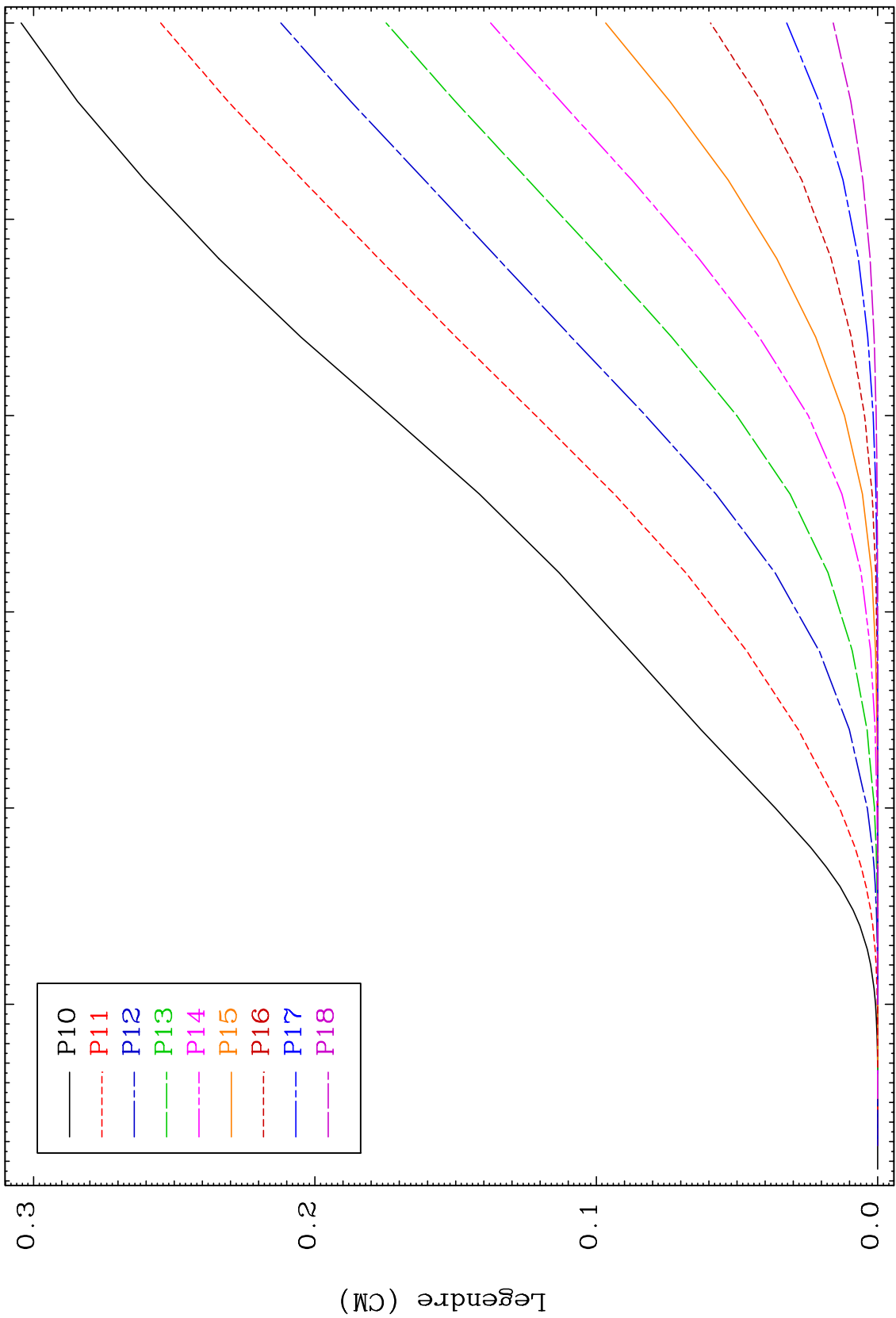
Incident Energy (MeV)

53-I -120

MAT 5304

Elastic Legendre Coefficients

53-I -120



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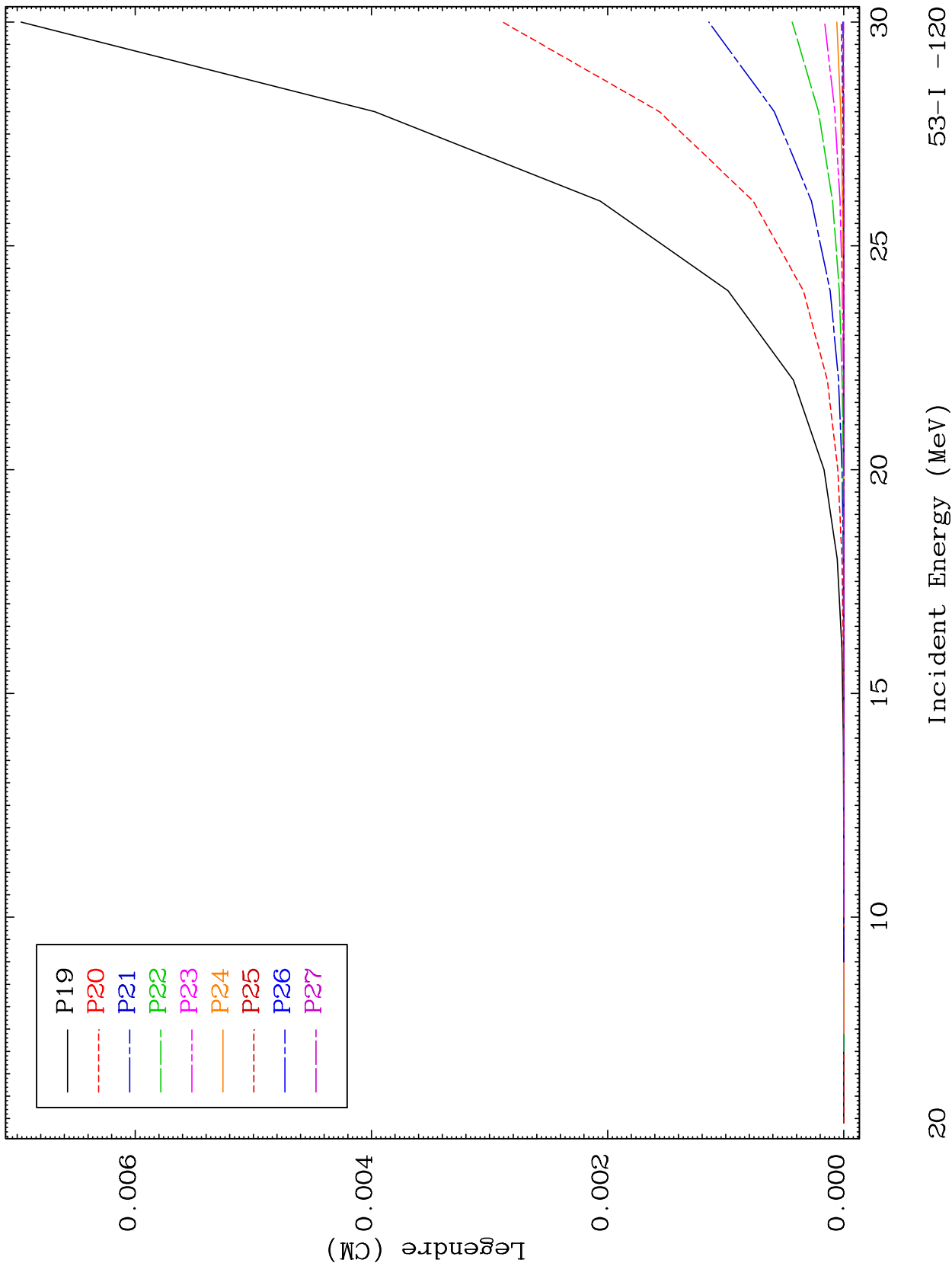
Incident Energy (MeV)

53-I -120

MAT 5304

Elastic Legendre Coefficients

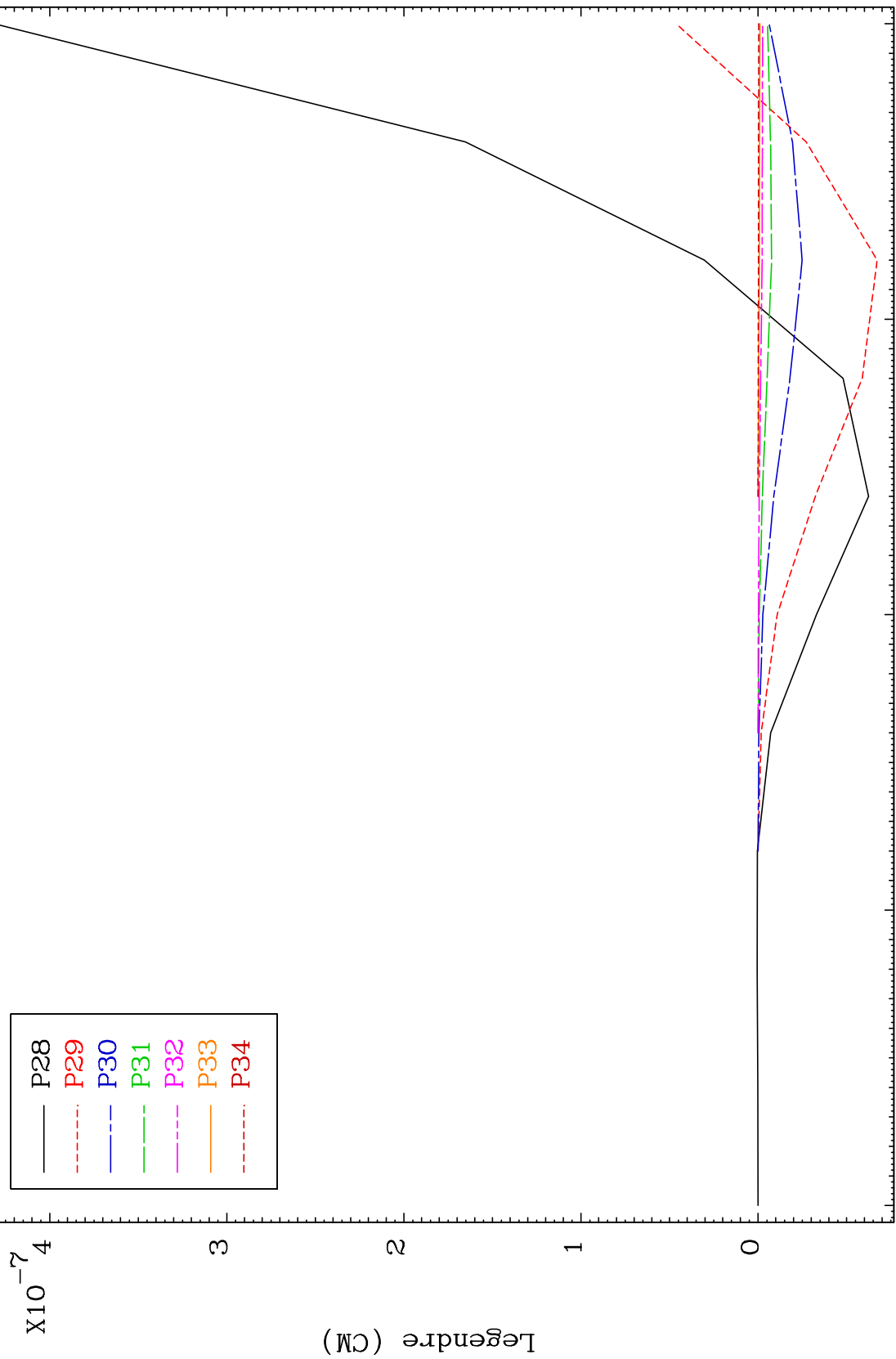
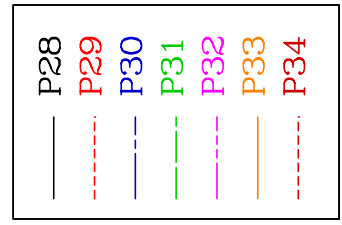
53-I -120



MAT 5304

Elastic Legendre Coefficients

53-I -120



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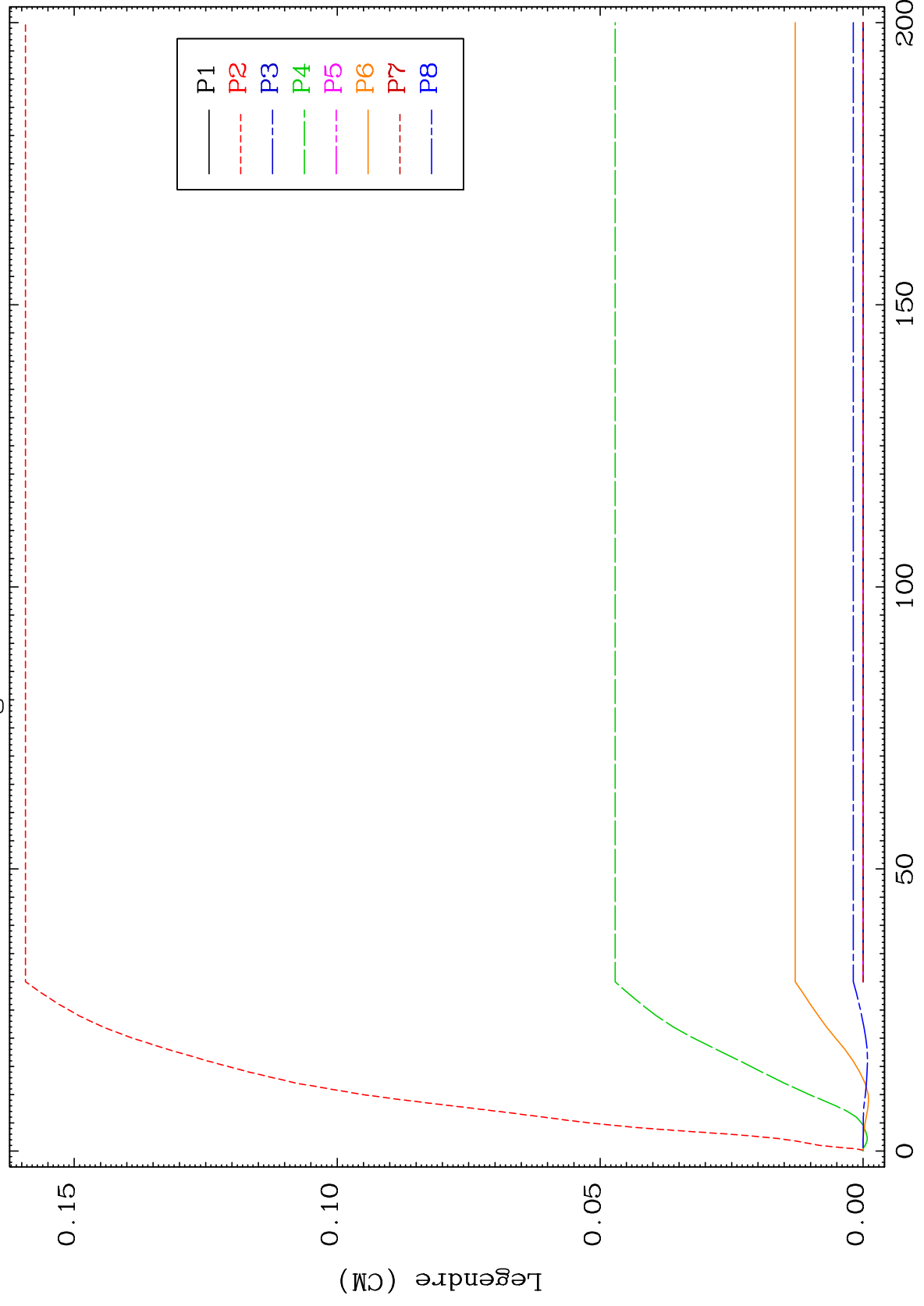
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



22

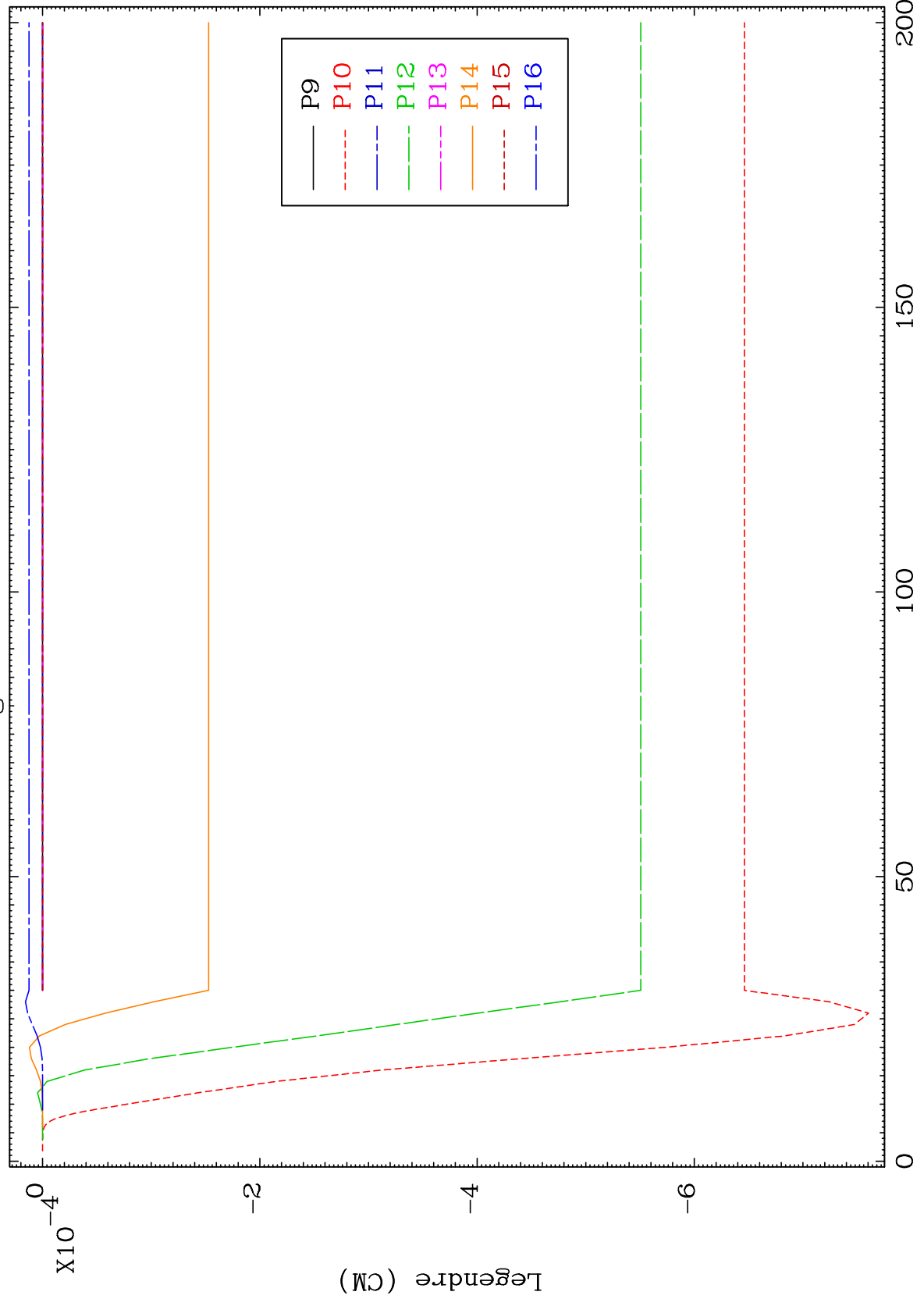
Incident Energy (MeV)

53-I -120

MAT 5304

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

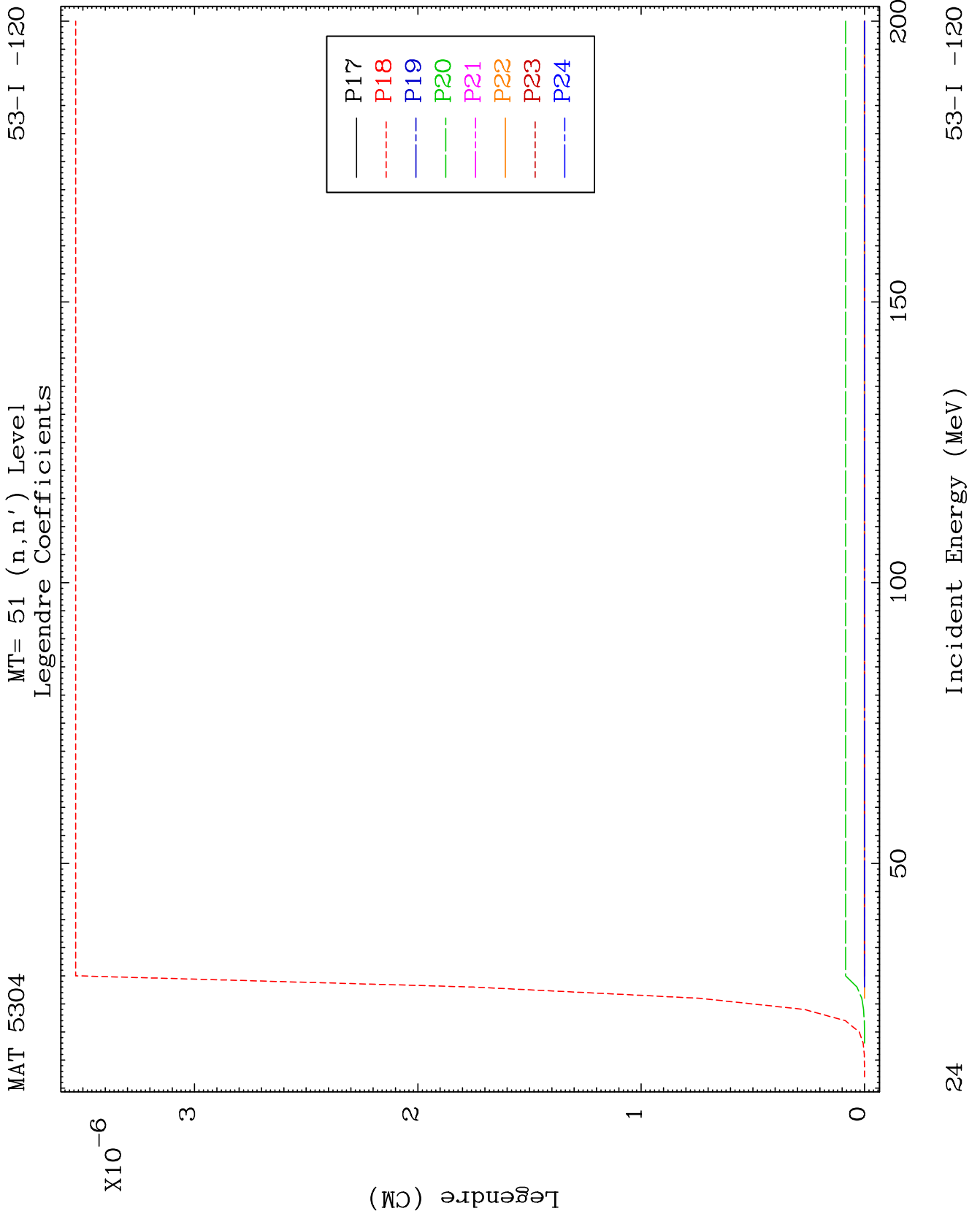
53-I -120



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Incident Energy (MeV)

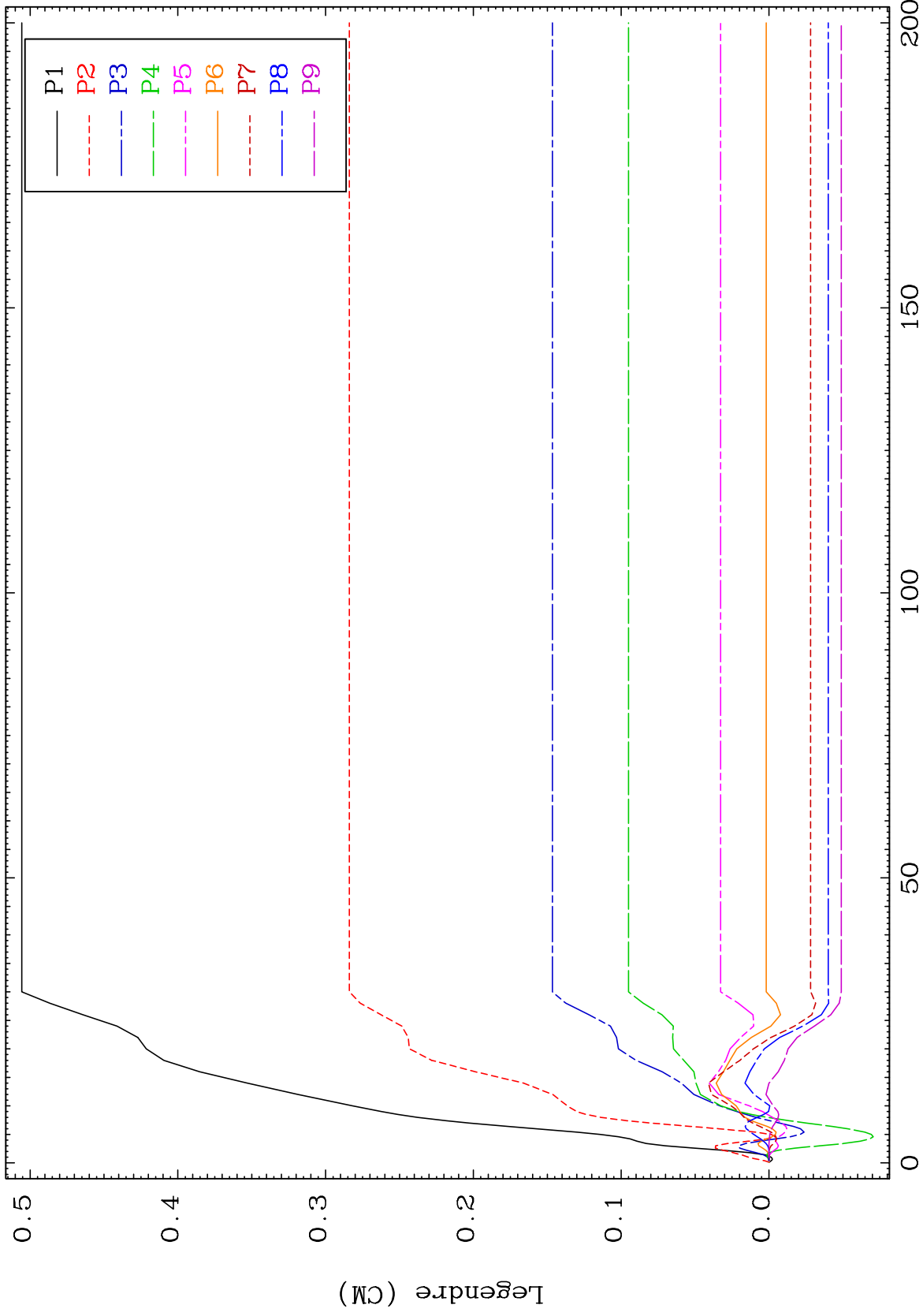
53-I -120



MAT 5304

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

53-I -120



25

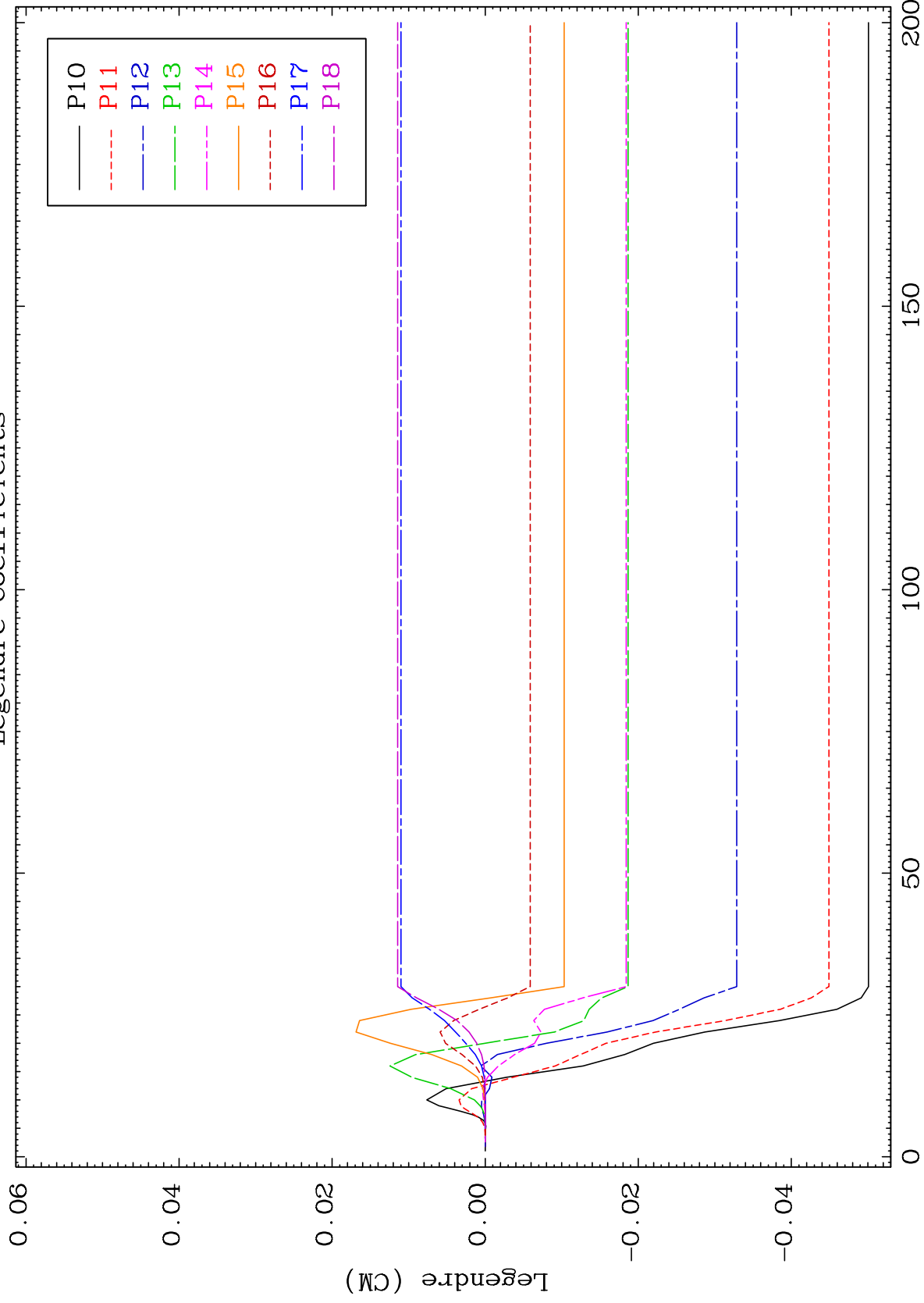
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



26

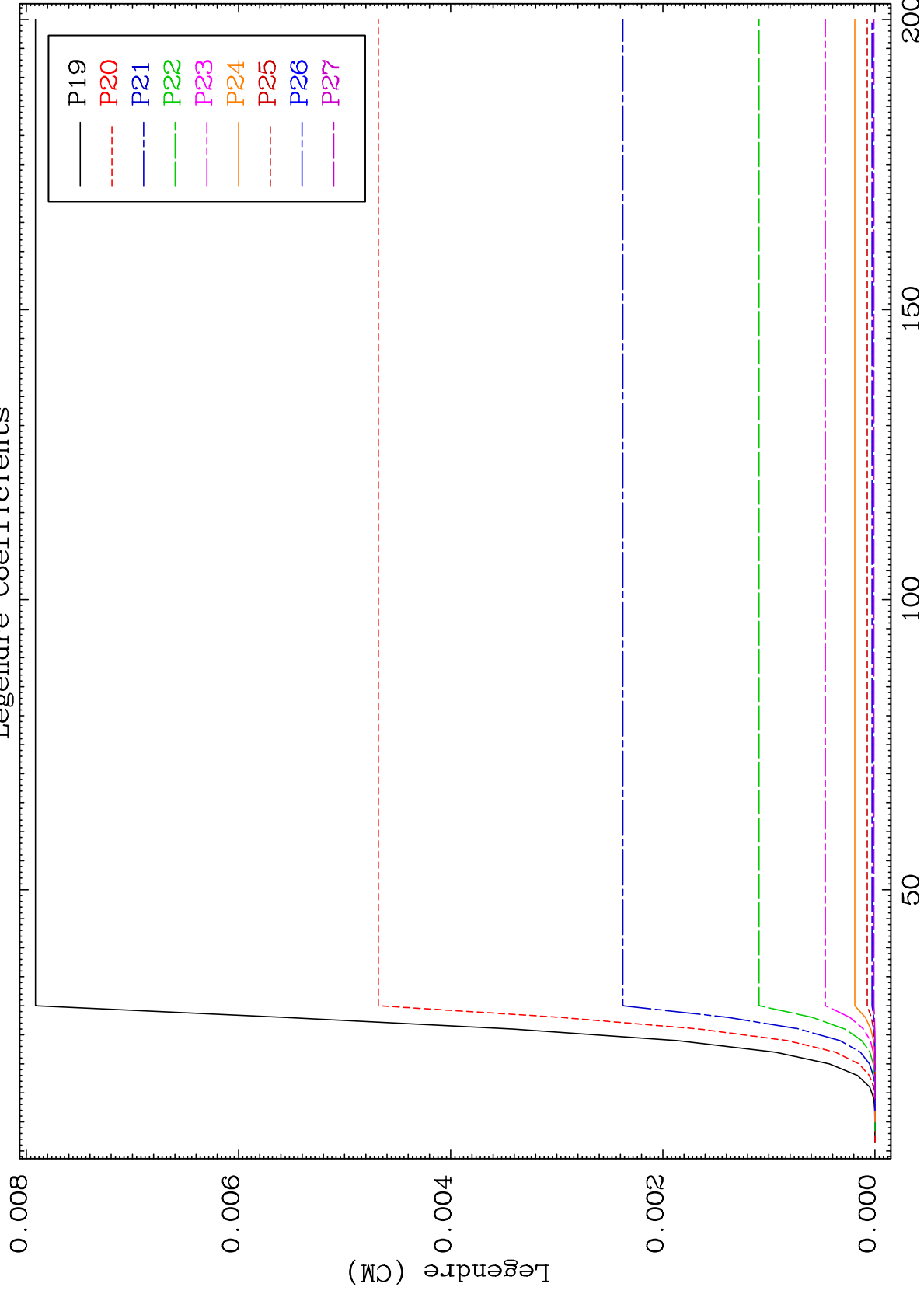
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



27

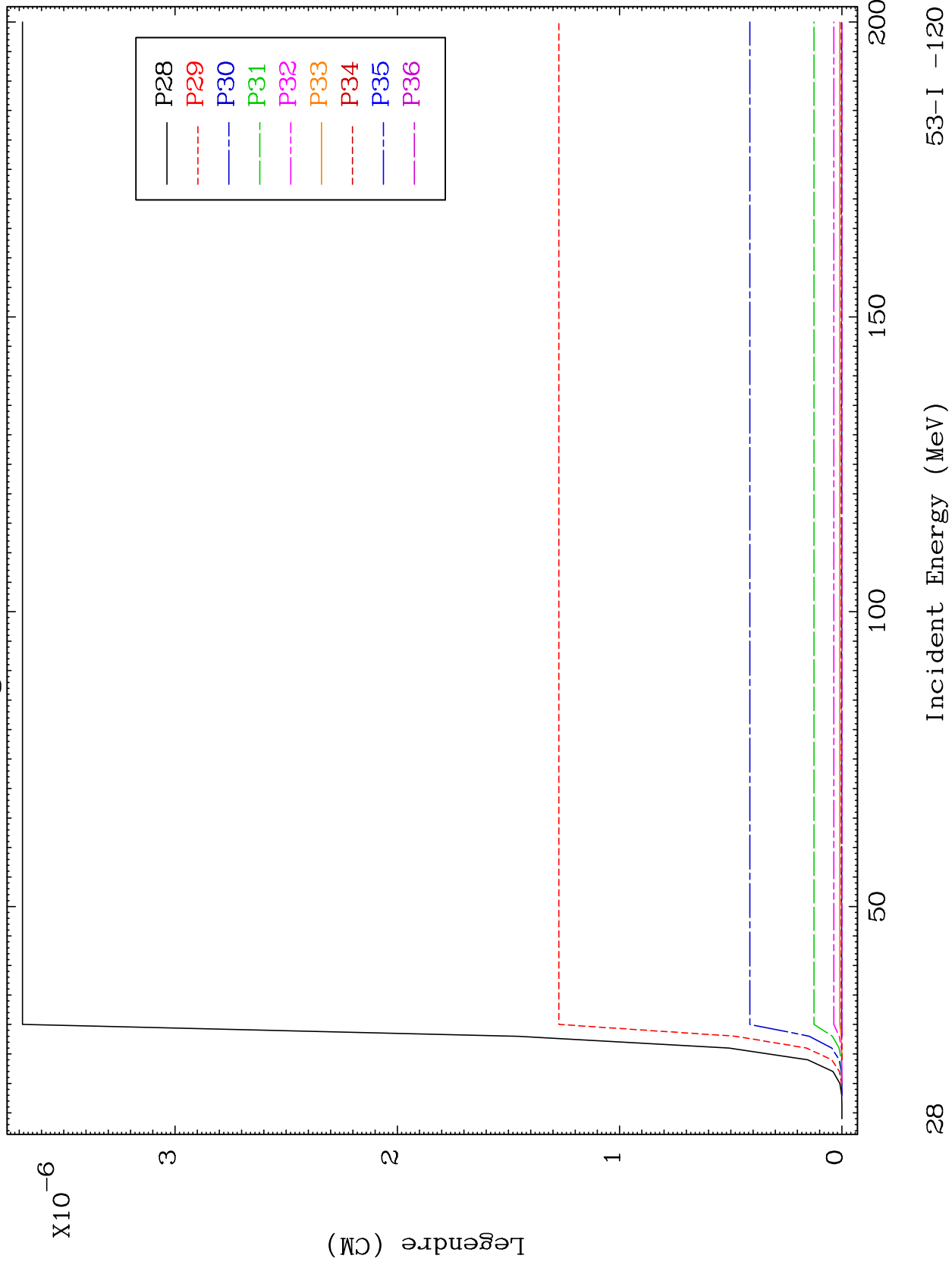
Incident Energy (MeV)

53-I -120

MAT 5304

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

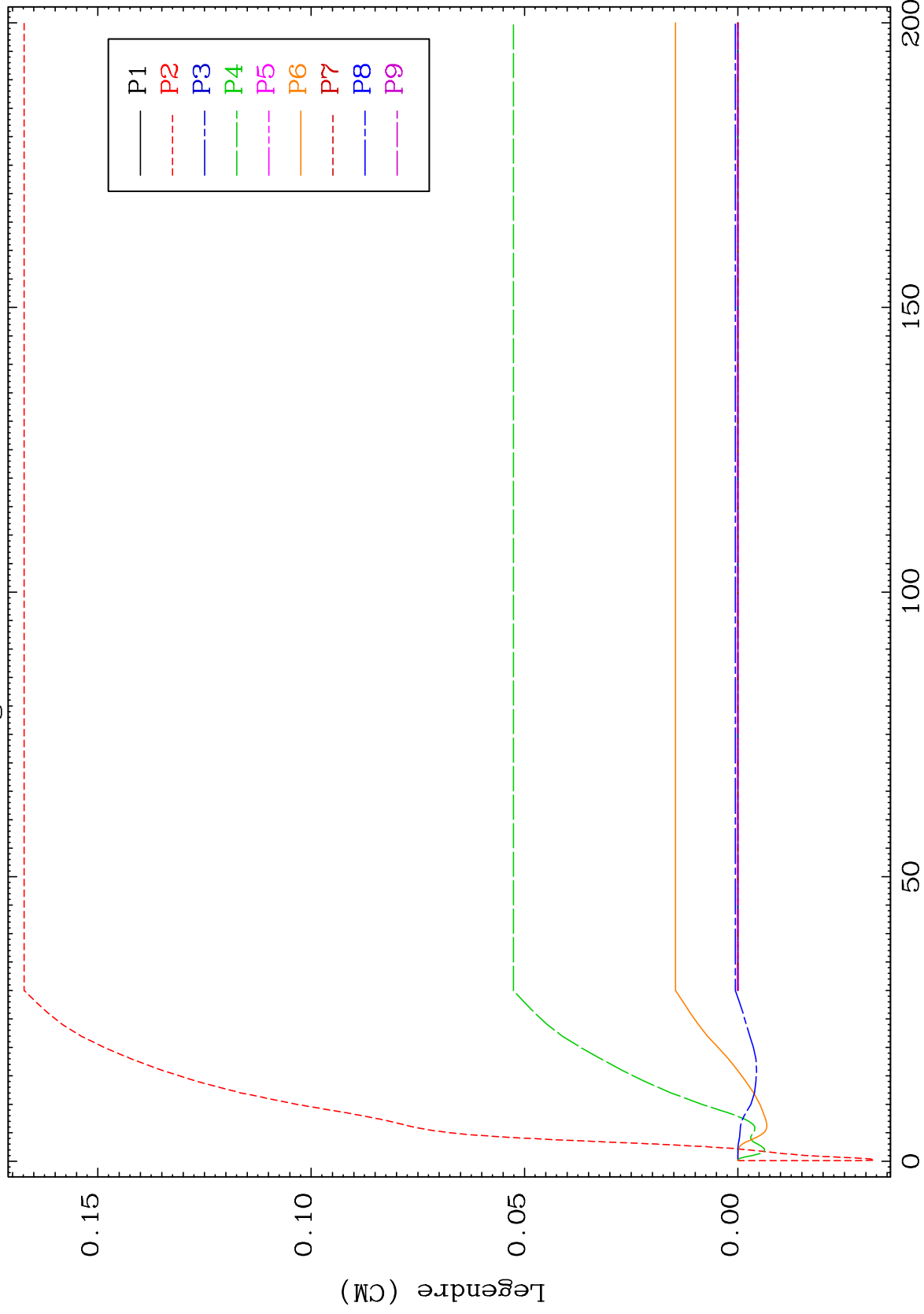
53-I -120



MAT 5304

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

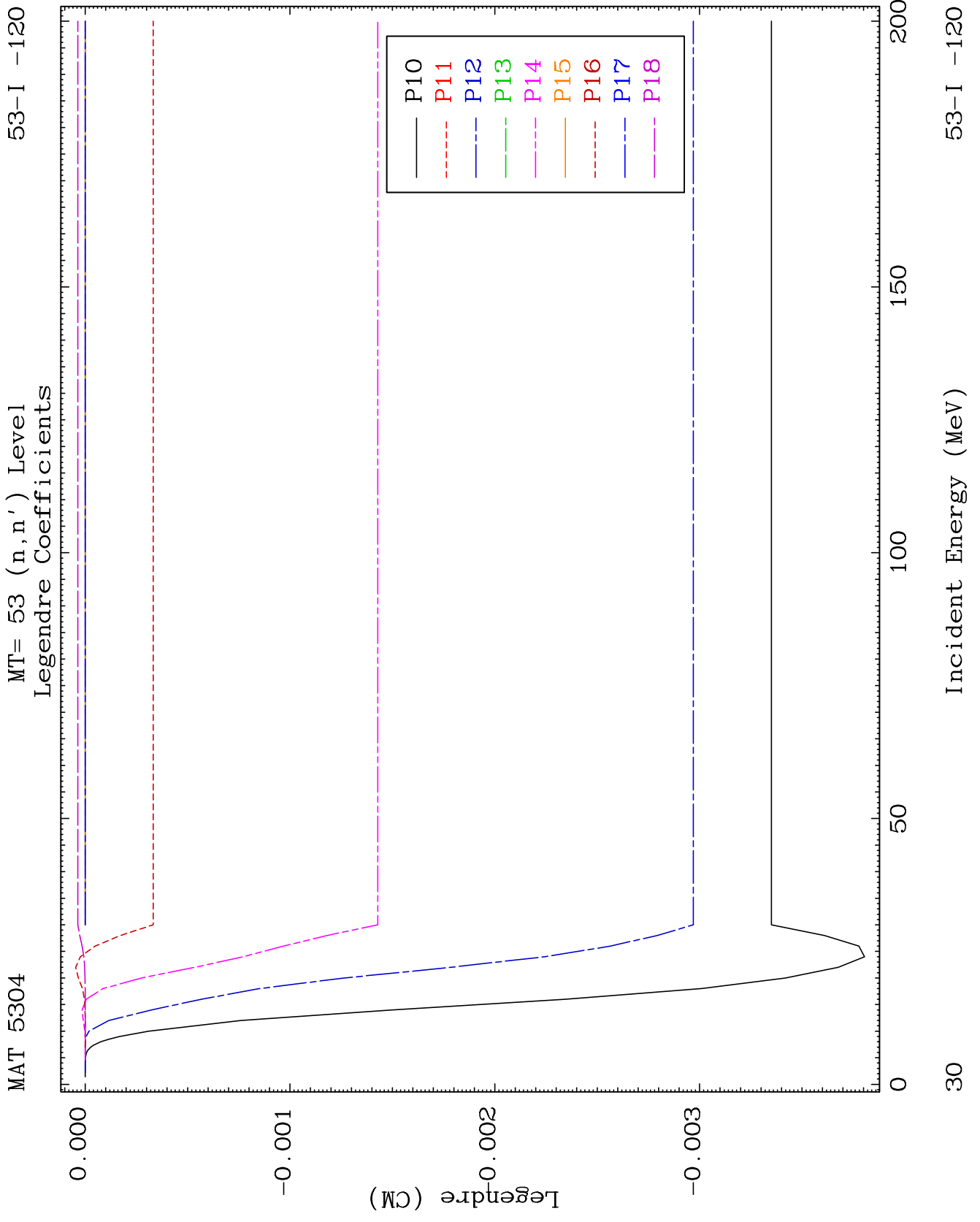
53-I -120



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Incident Energy (MeV)

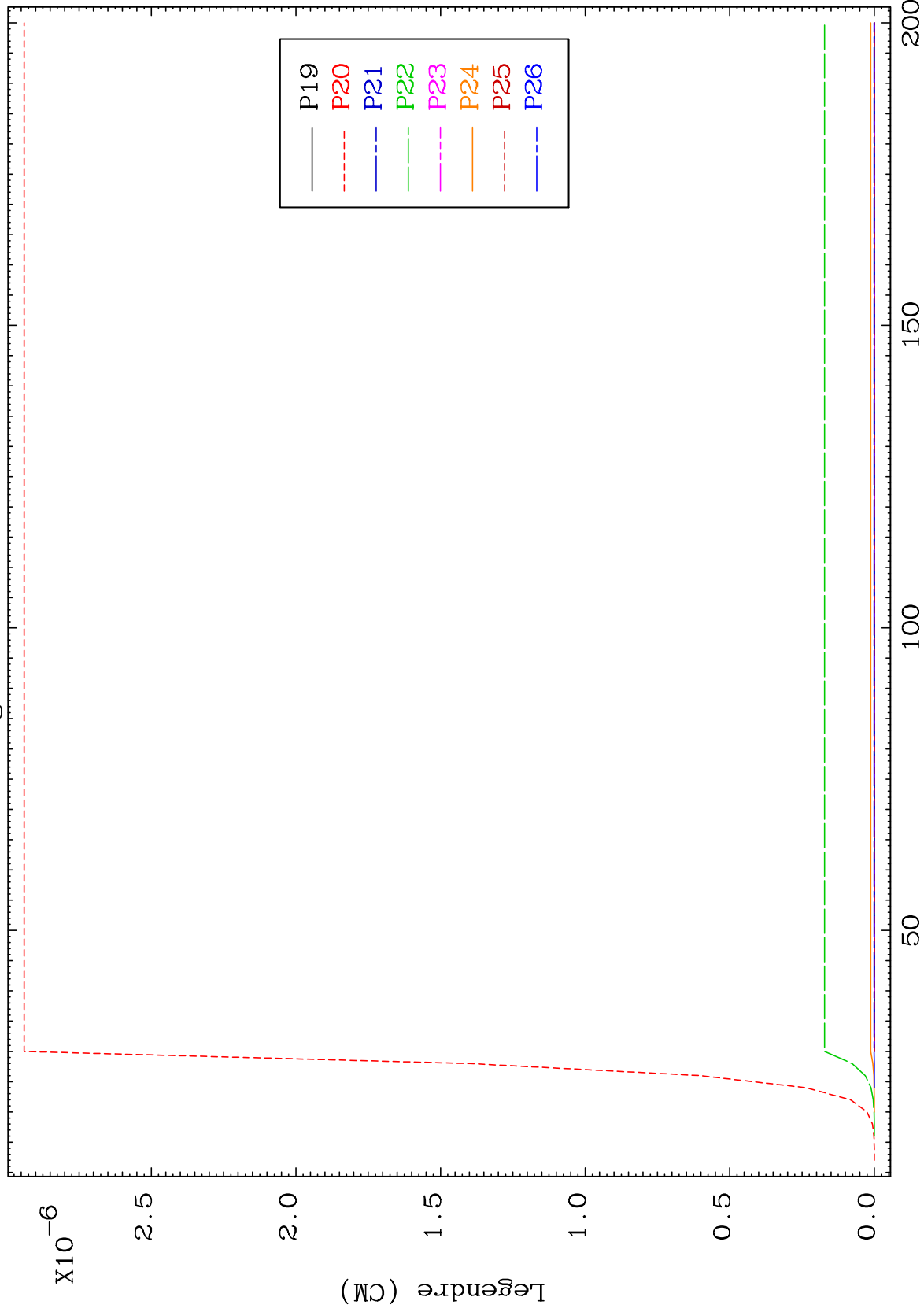
53-I -120



MAT 5304

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

53-I -120



31

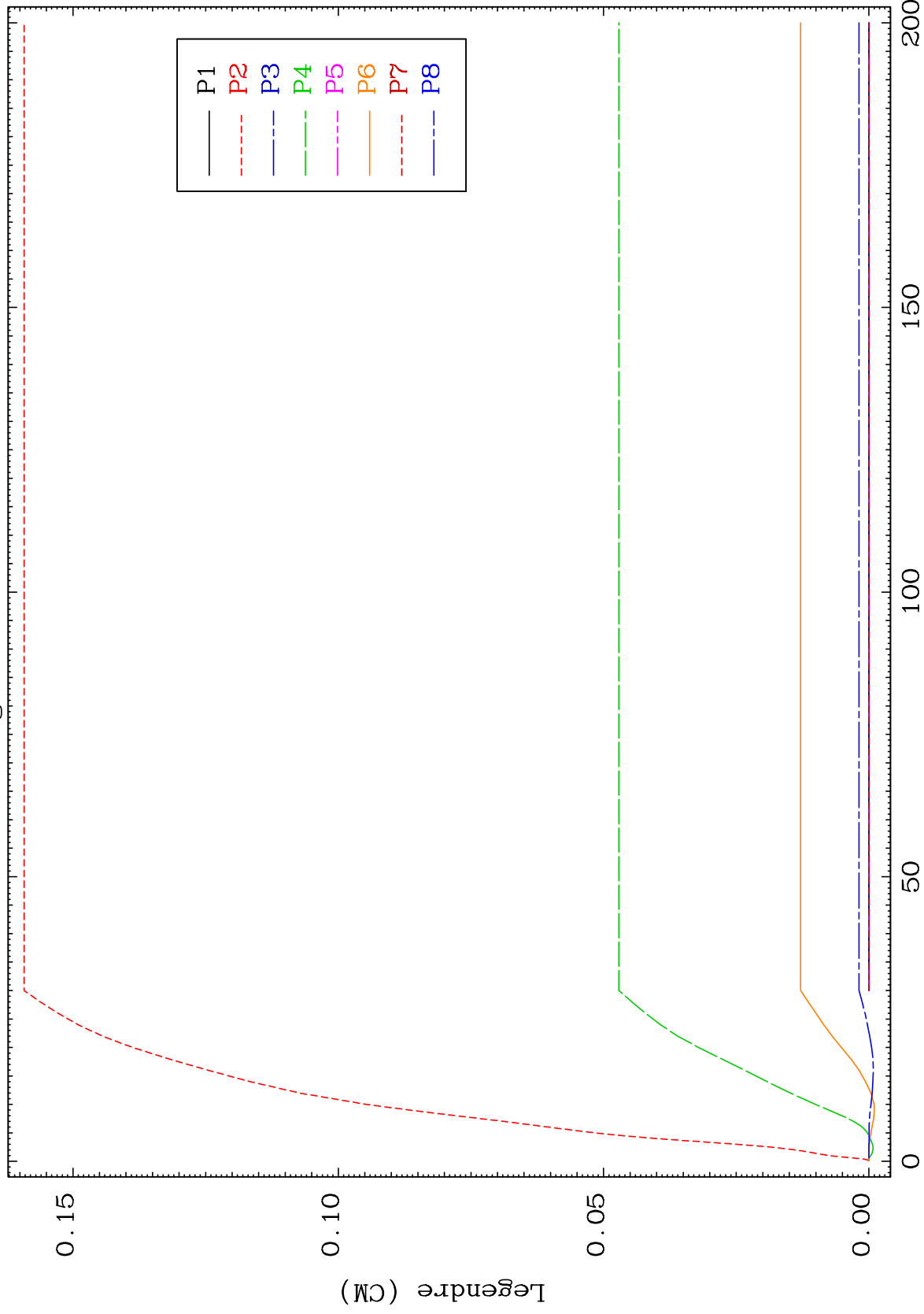
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



32

Incident Energy (MeV)

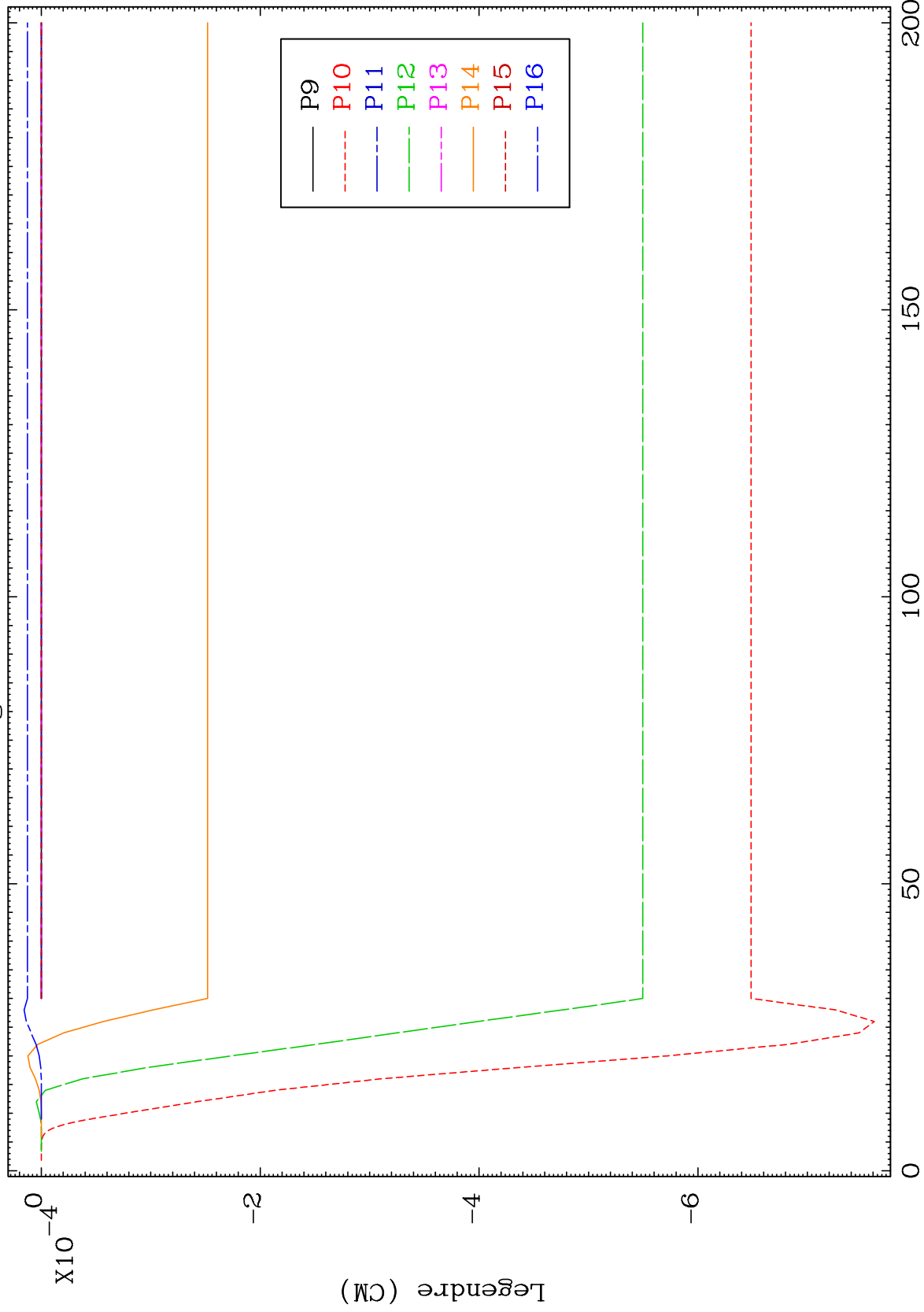
53-I -120

MAT 5304

MT= 54 (n,n') Level

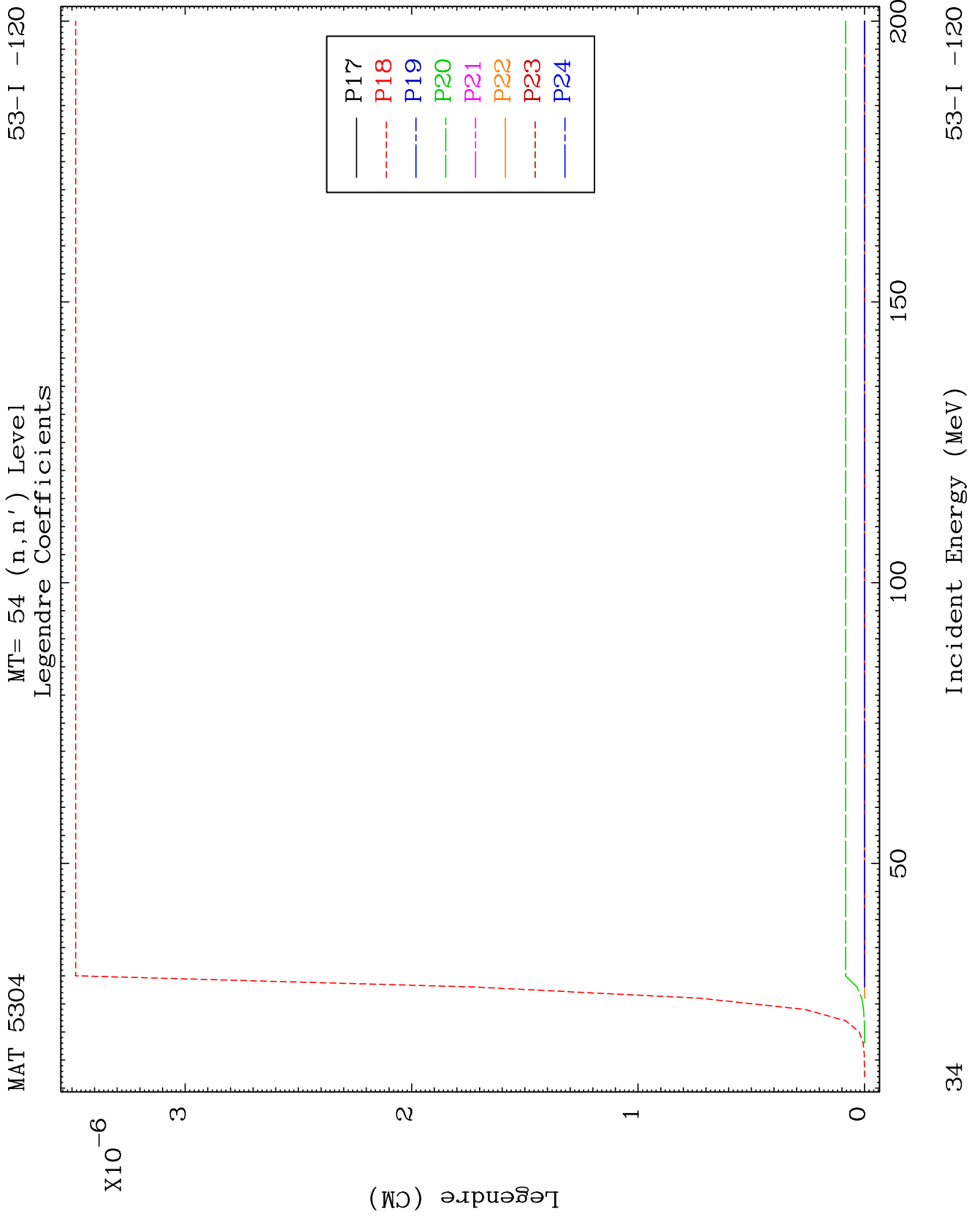
53-I -120

Legendre Coefficients



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53-I -120

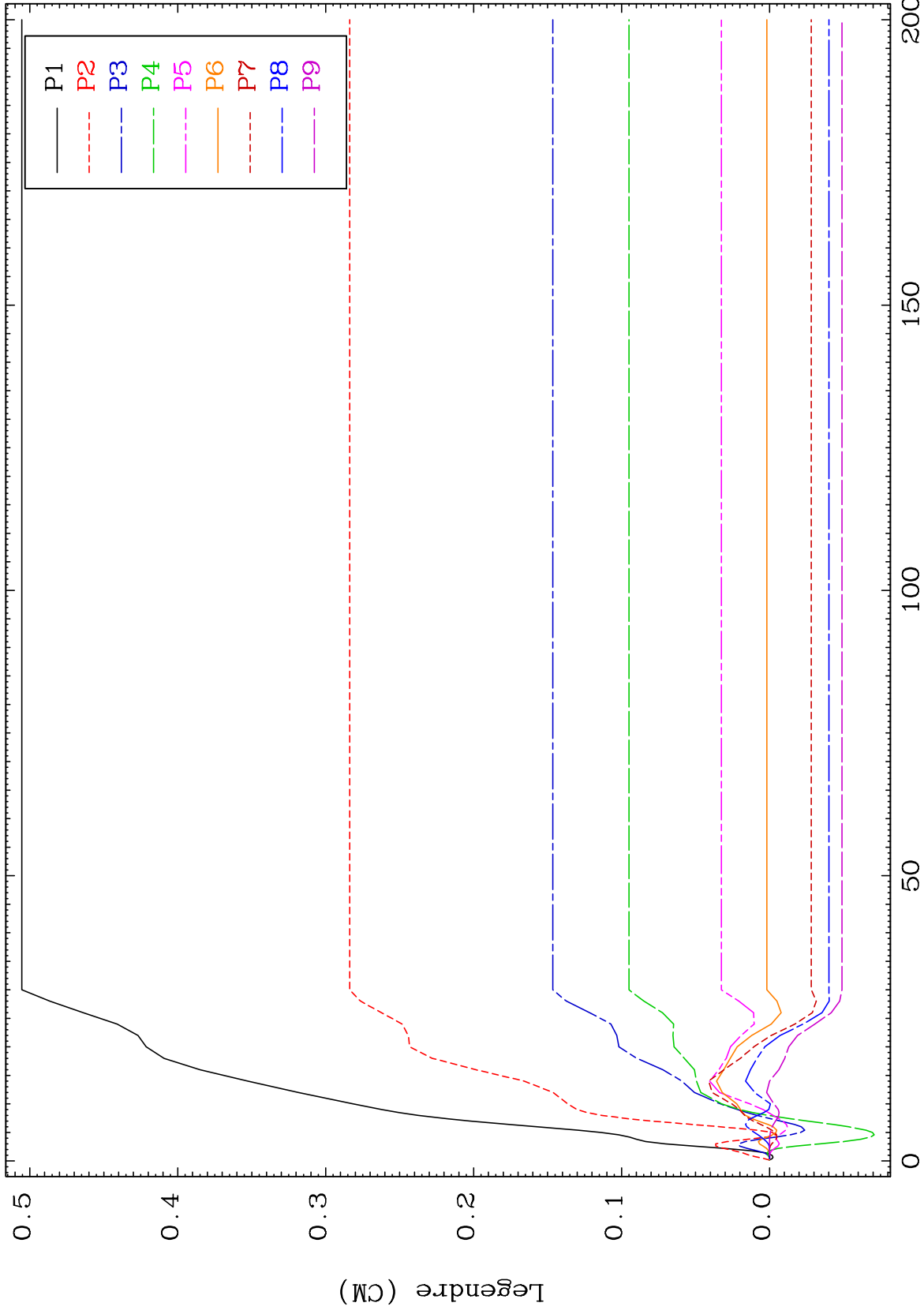


MAT 5304

MT= 55 (n,n') Level

53-I -120

Legendre Coefficients



35

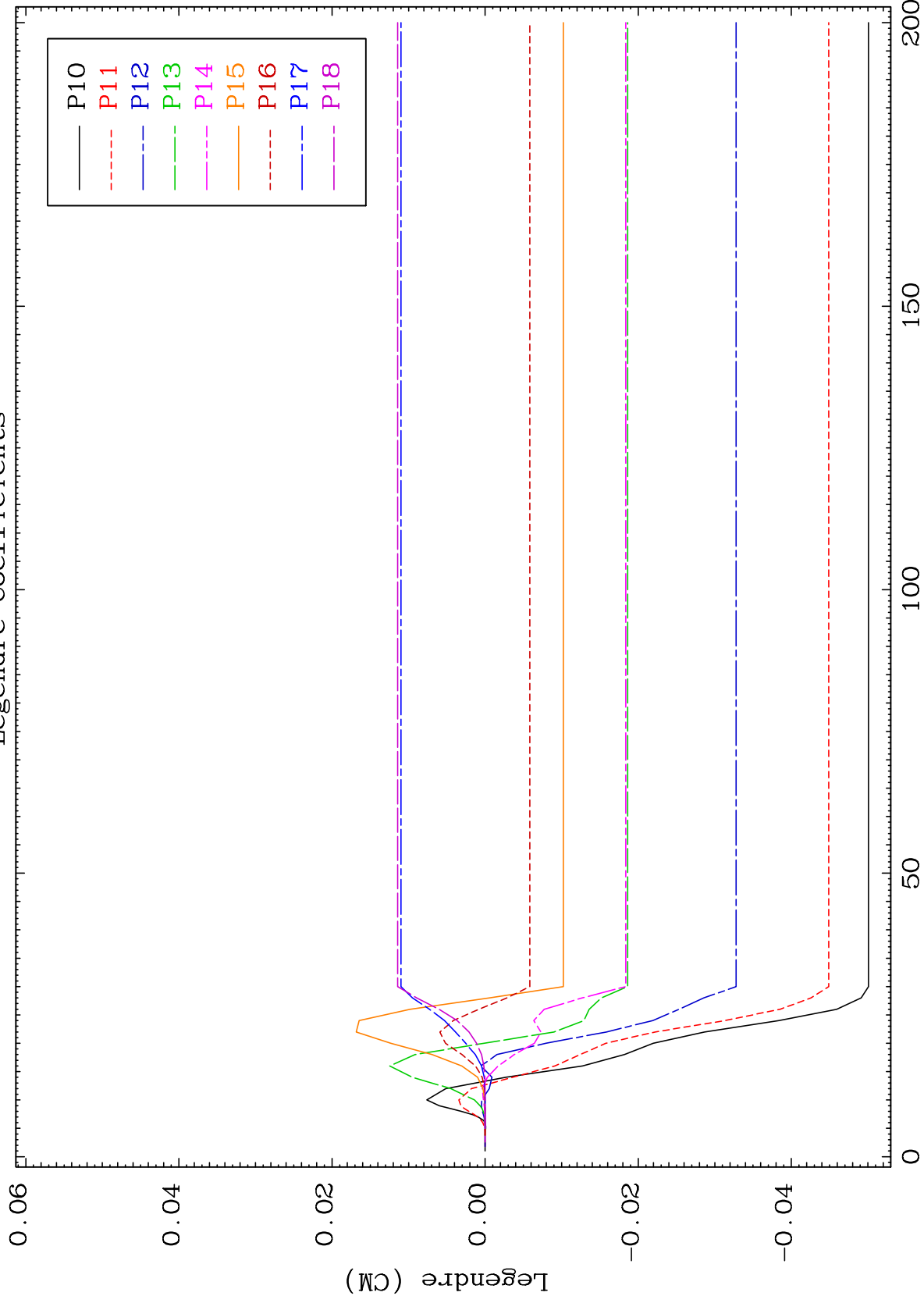
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



36

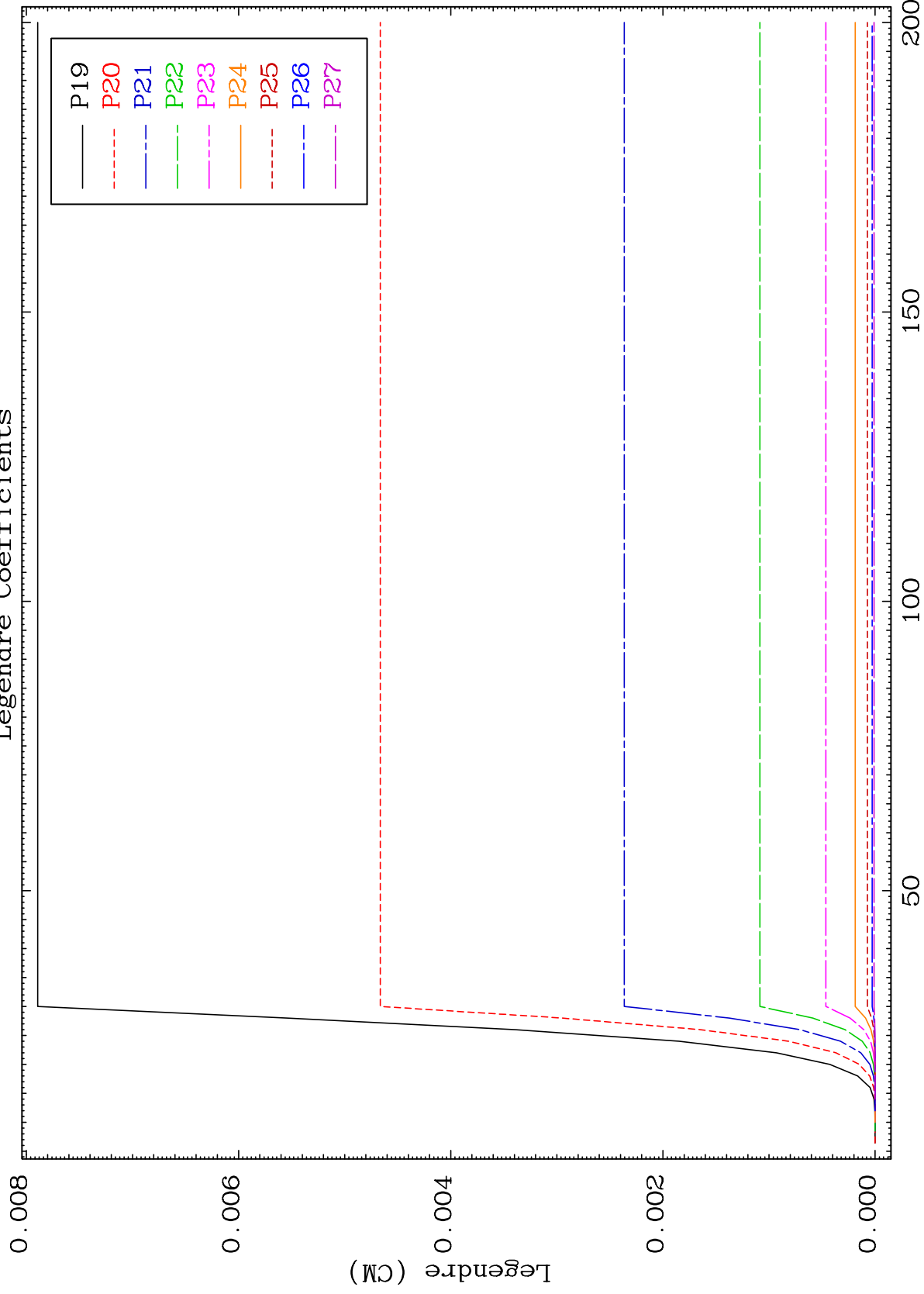
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



37

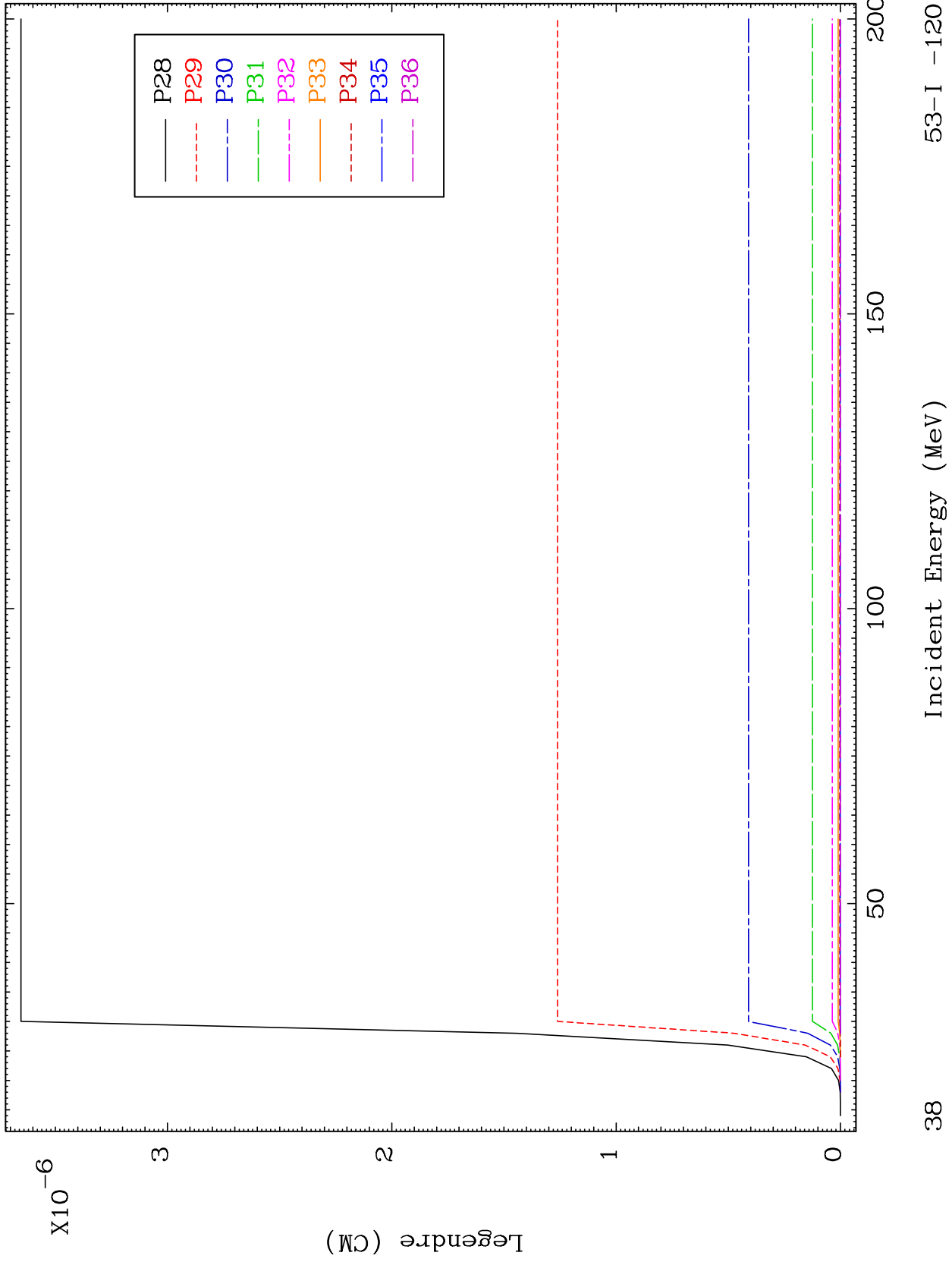
Incident Energy (MeV)

53-I -120

MAT 5304

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

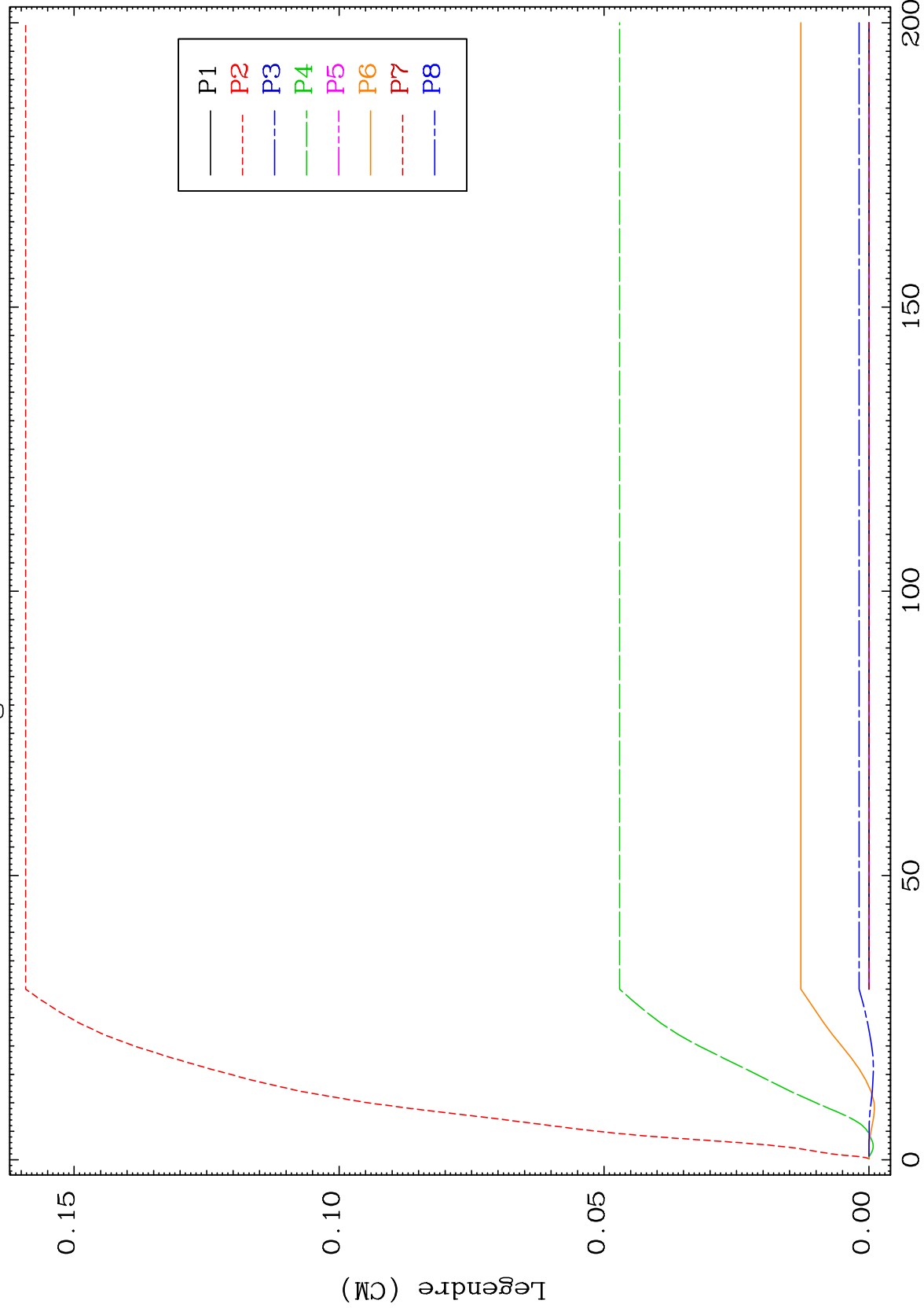
53-I -120



MAT 5304

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

53-I -120



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Incident Energy (MeV)

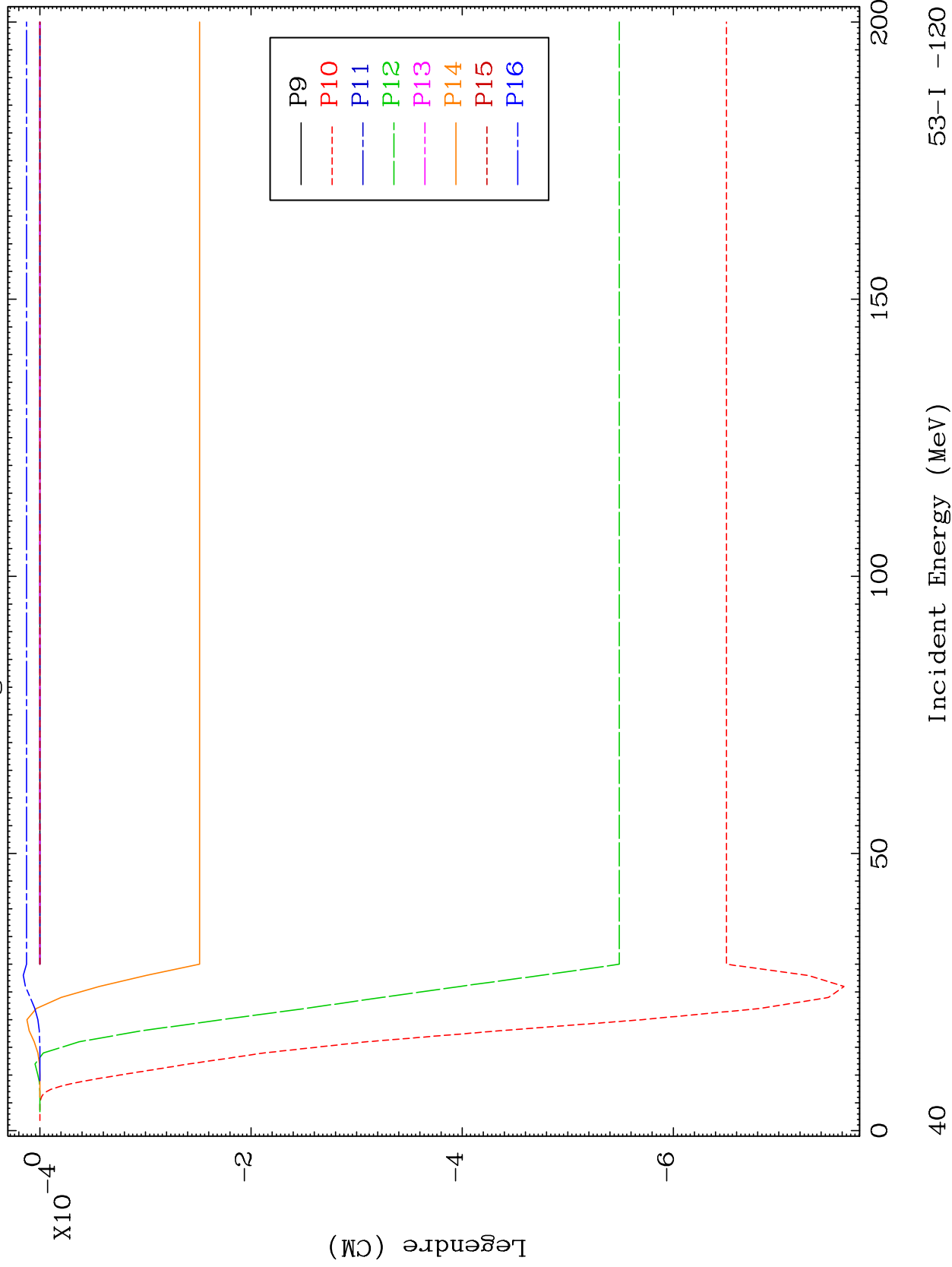
53-I -120

MAT 5304

MT= 56 (n,n') Level

53-I -120

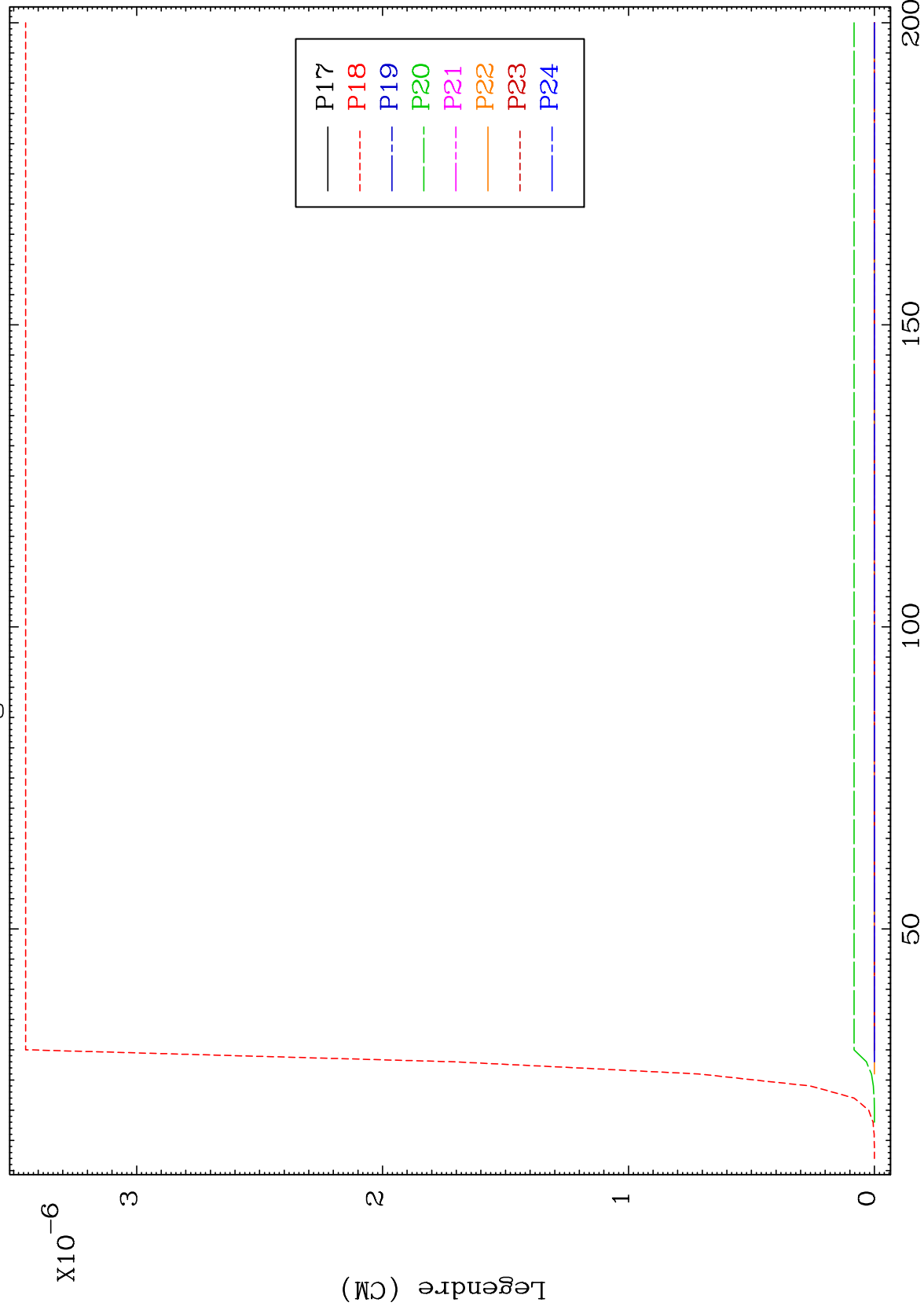
Legendre Coefficients



MAT 5304

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

53-I -120



53-I -120

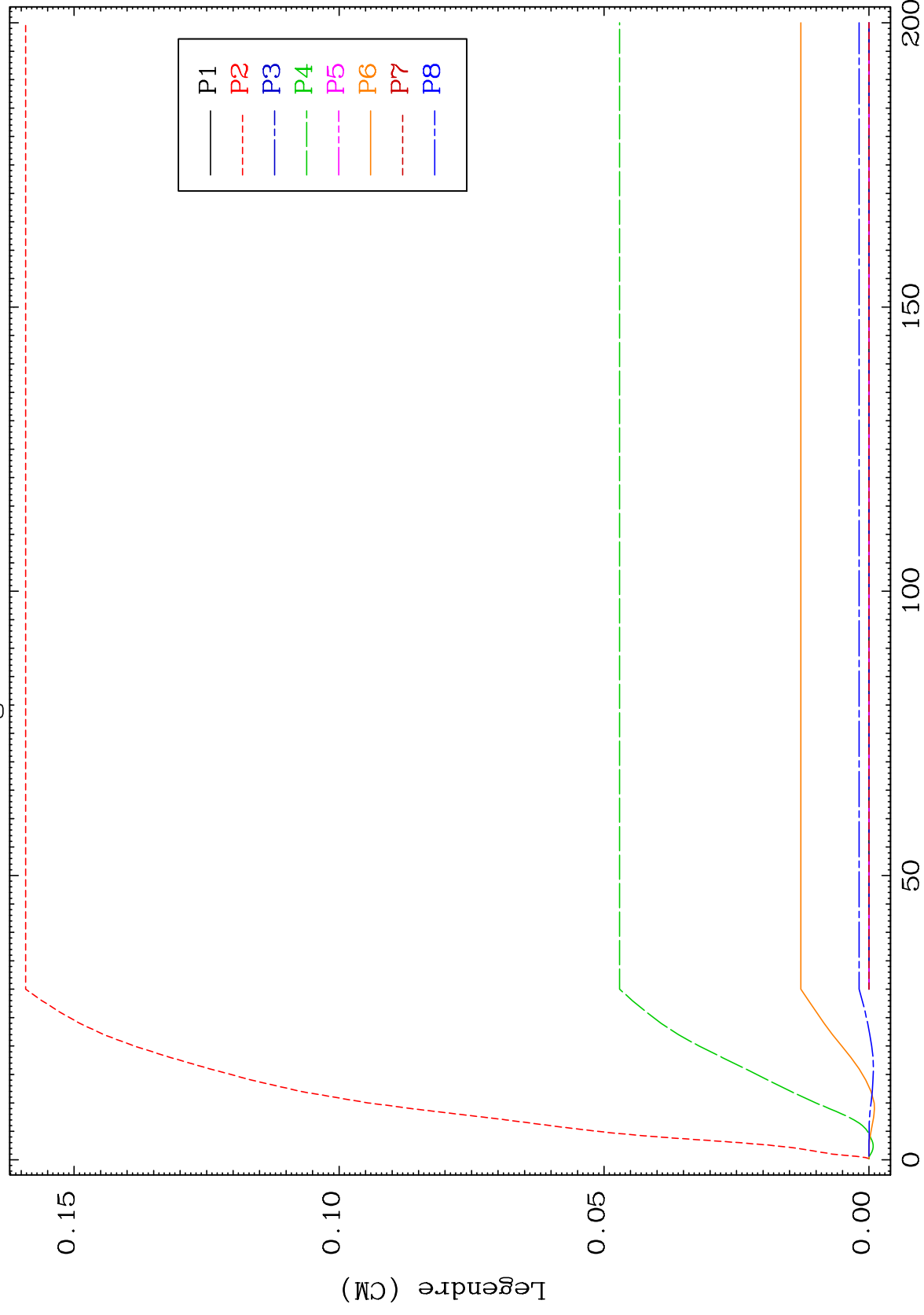
Incident Energy (MeV)

41

MAT 5304

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

53-I -120



53-I -120

Incident Energy (MeV)

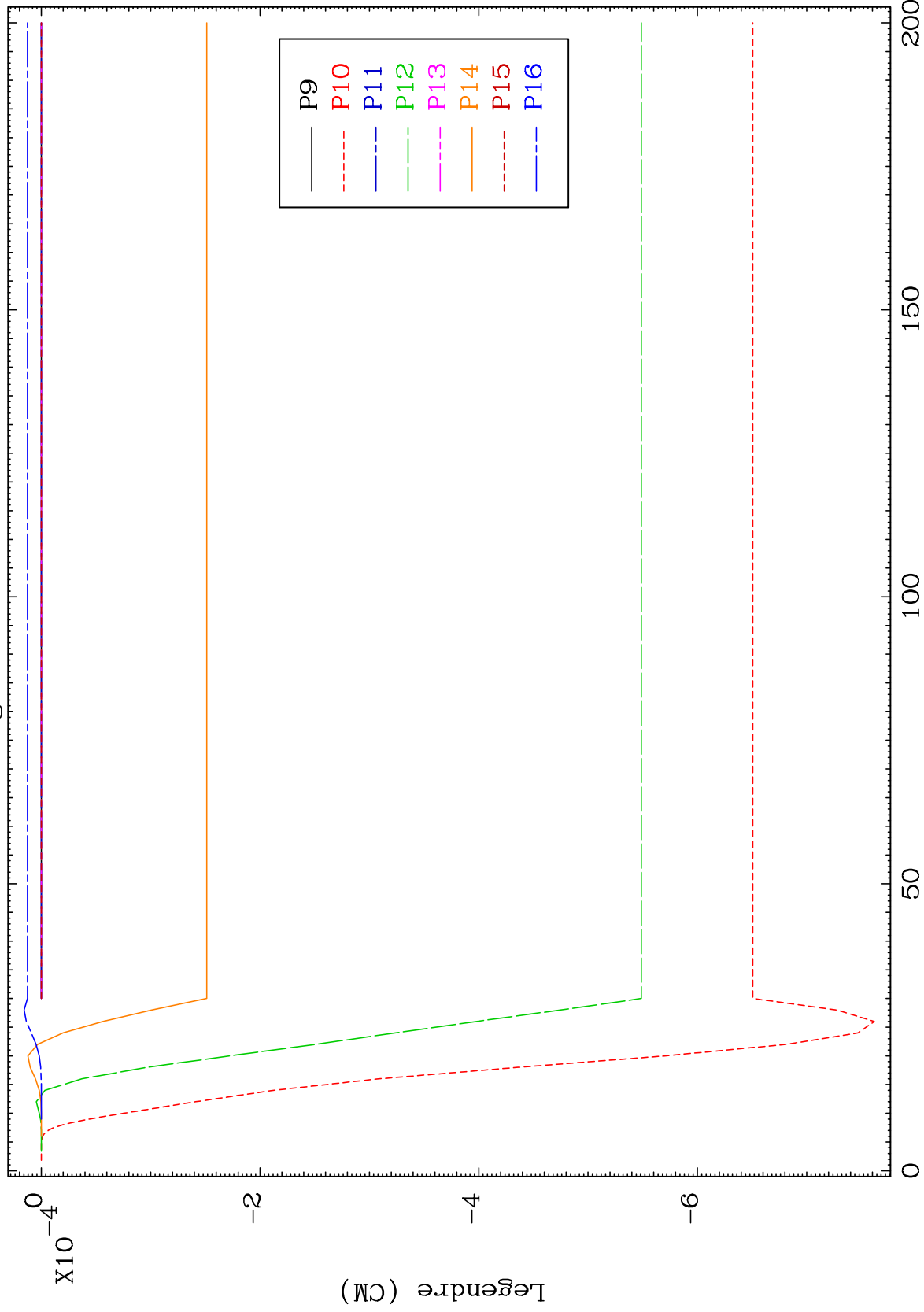
42

MAT 5304

MT= 57 (n,n') Level

53-I -120

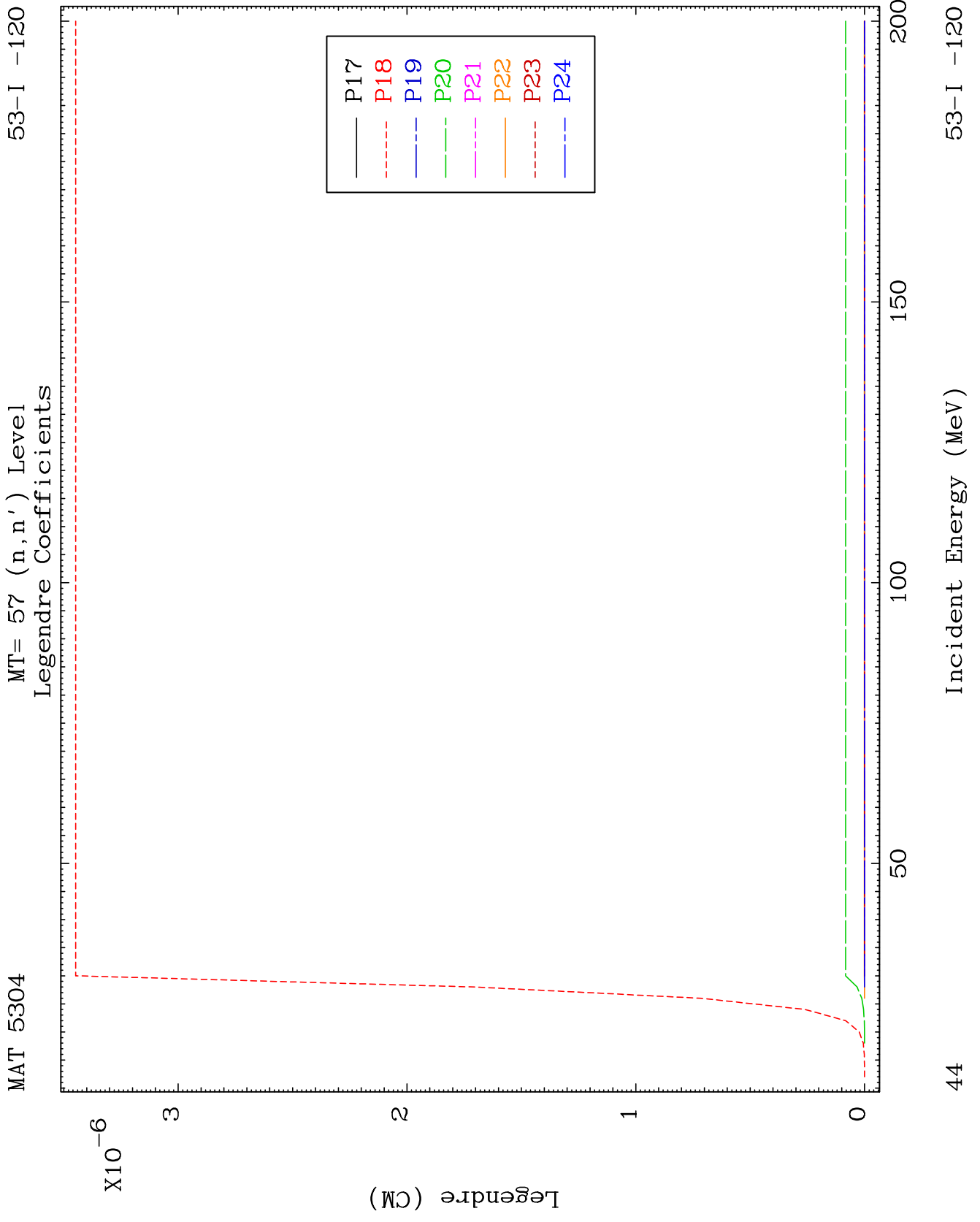
Legendre Coefficients



43

Incident Energy (MeV)

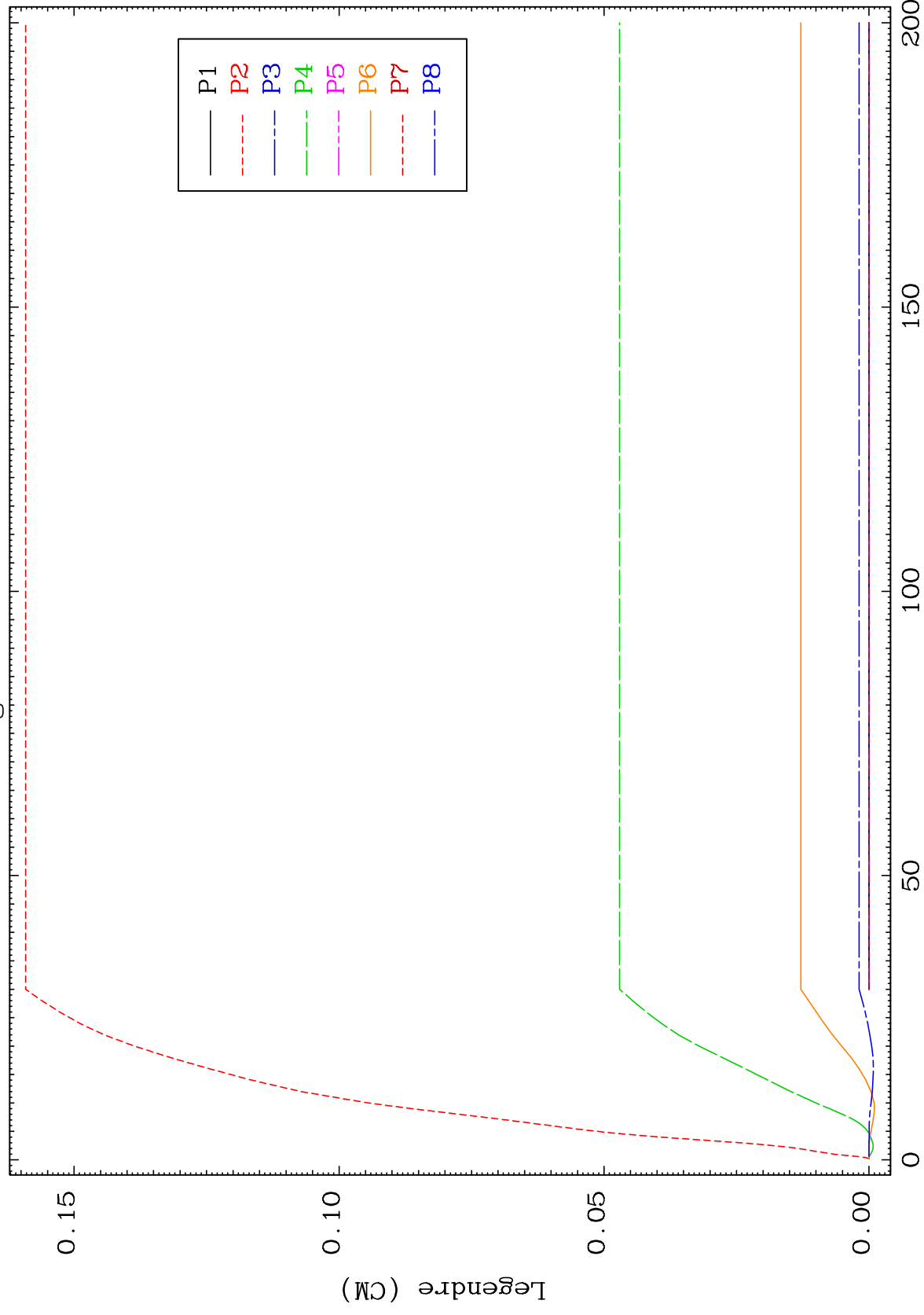
53-I -120



MAT 5304

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

53-I -120



45

Incident Energy (MeV)

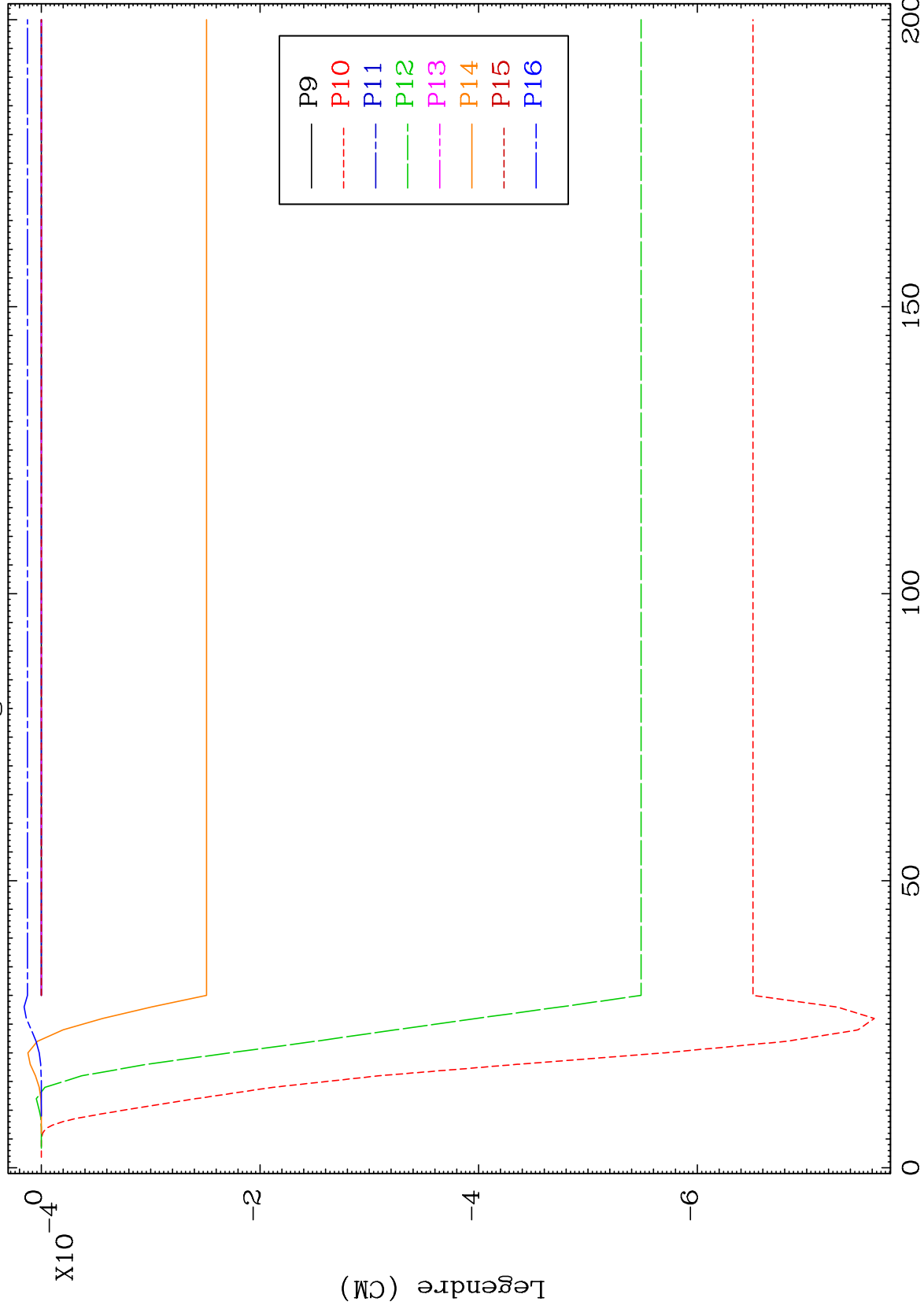
53-I -120

MAT 5304

MT= 58 (n,n') Level

53-I -120

Legendre Coefficients



46

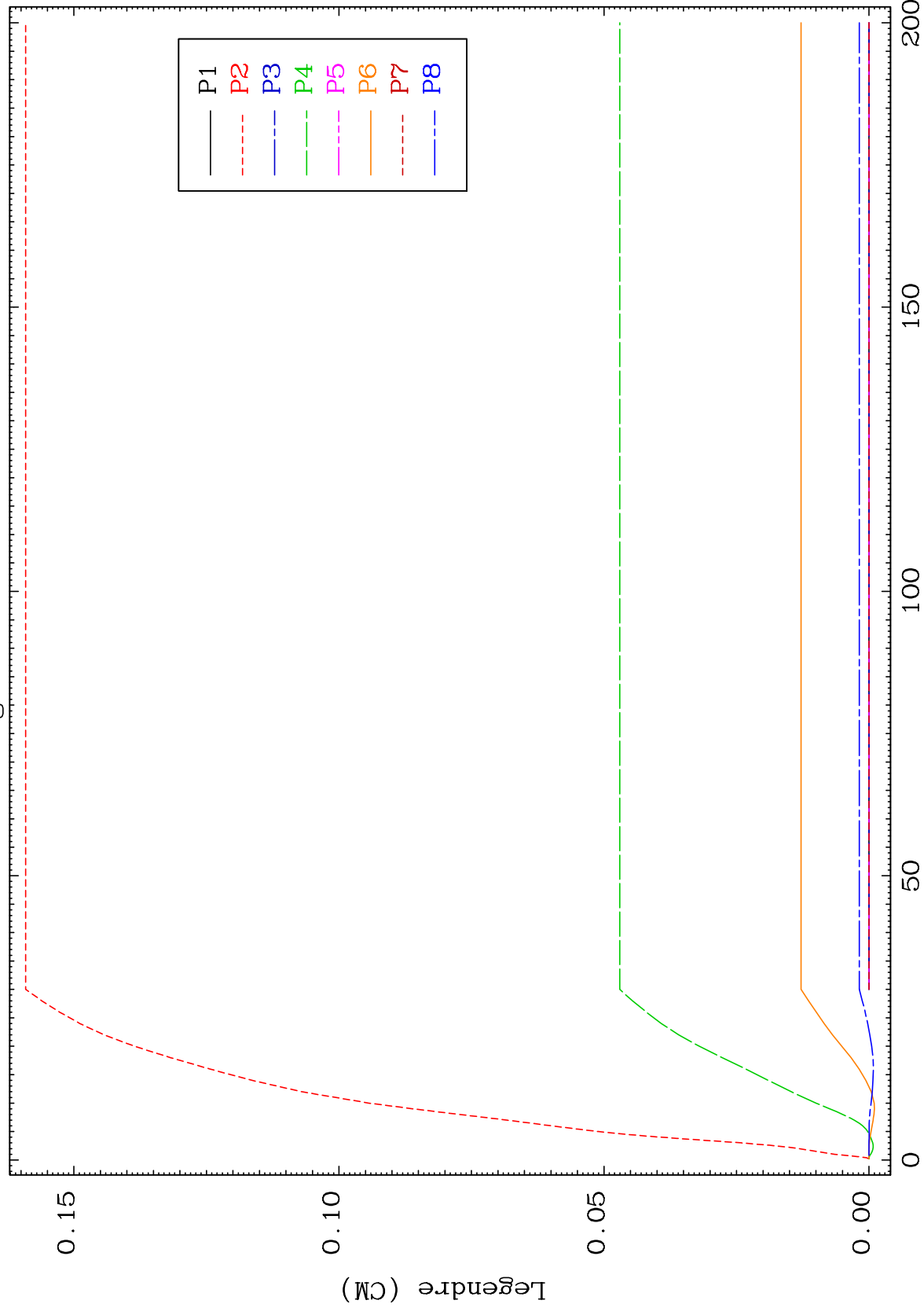
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



48

Incident Energy (MeV)

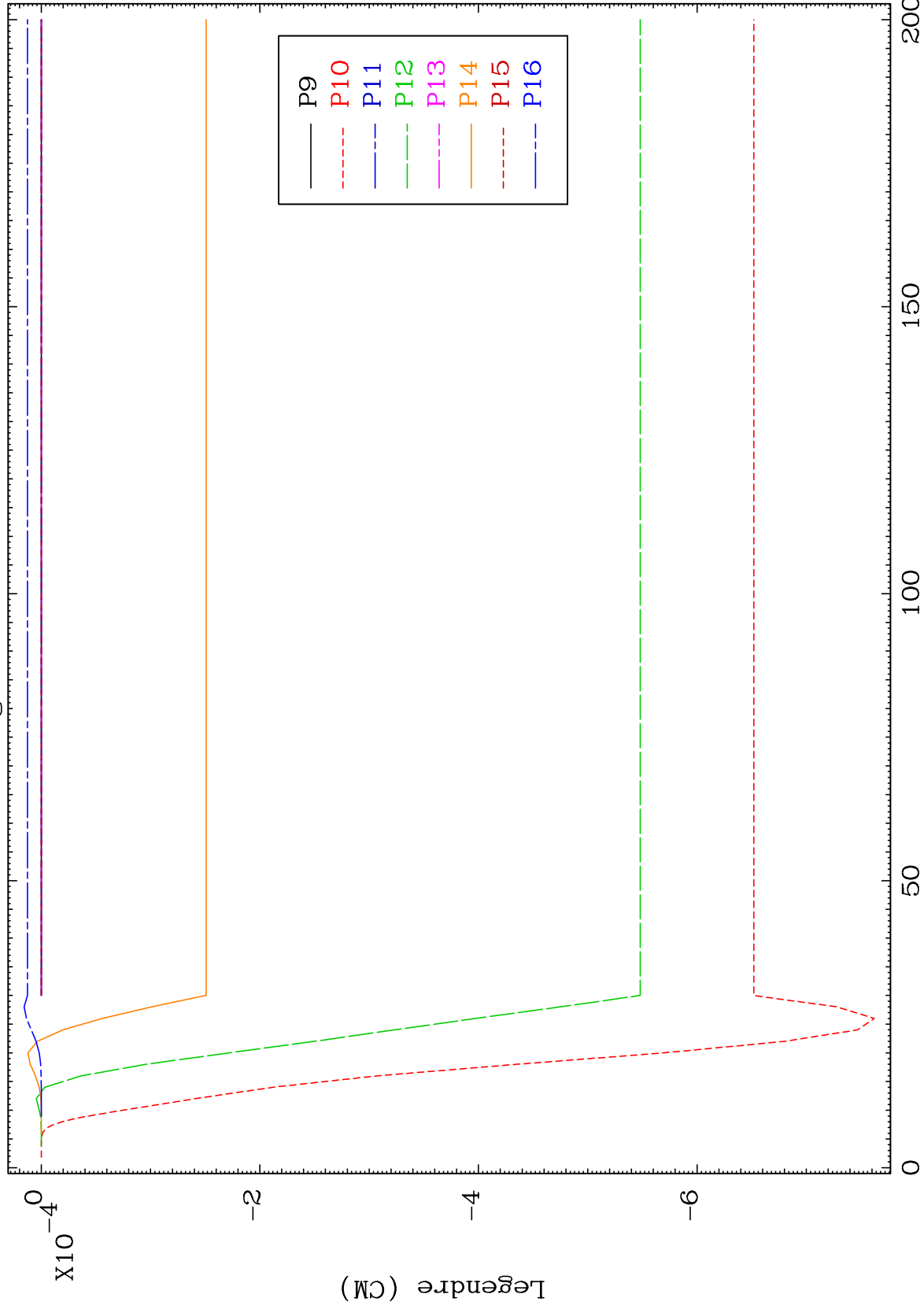
53-I -120

MAT 5304

MT= 59 (n,n') Level

53-I -120

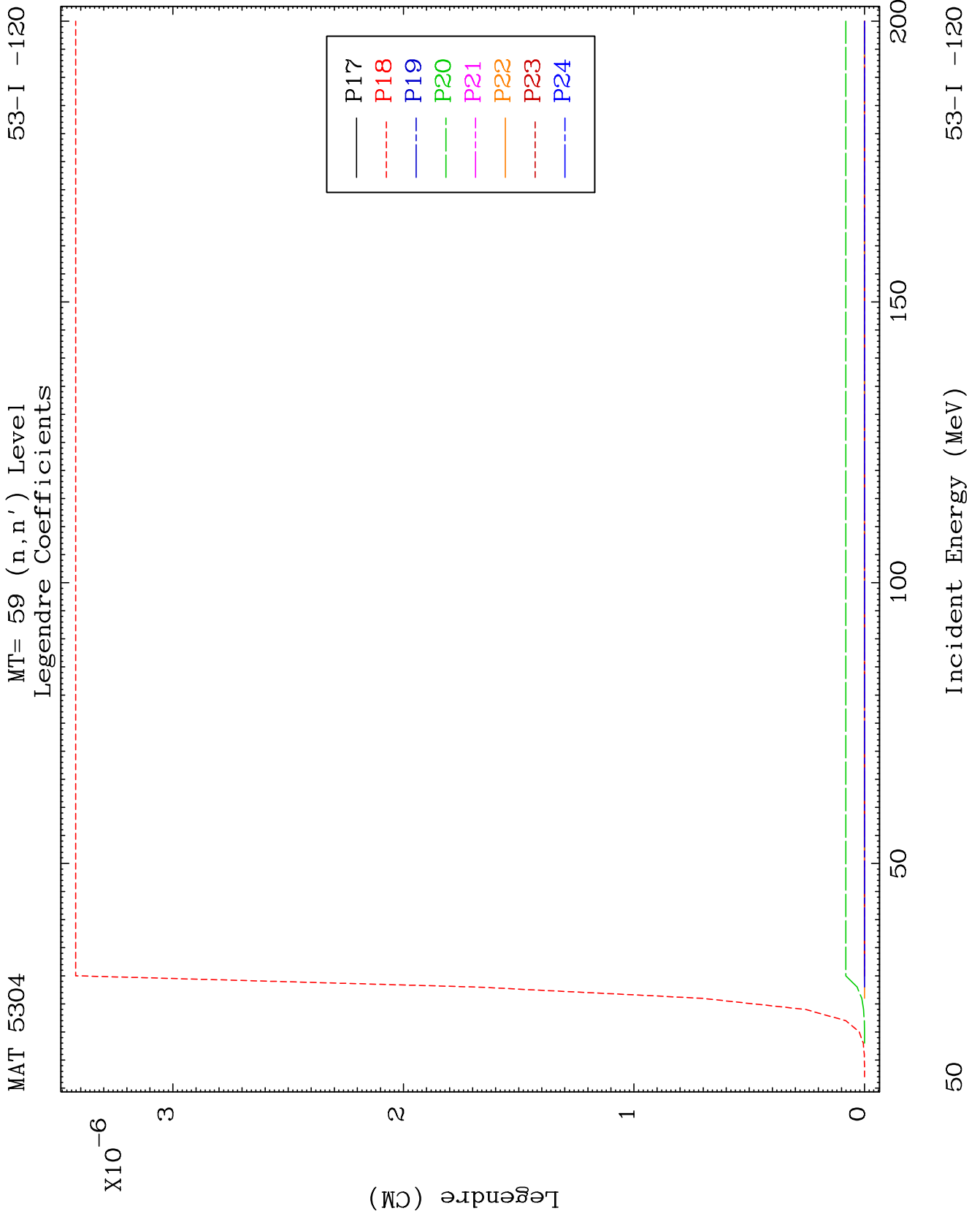
Legendre Coefficients



49

Incident Energy (MeV)

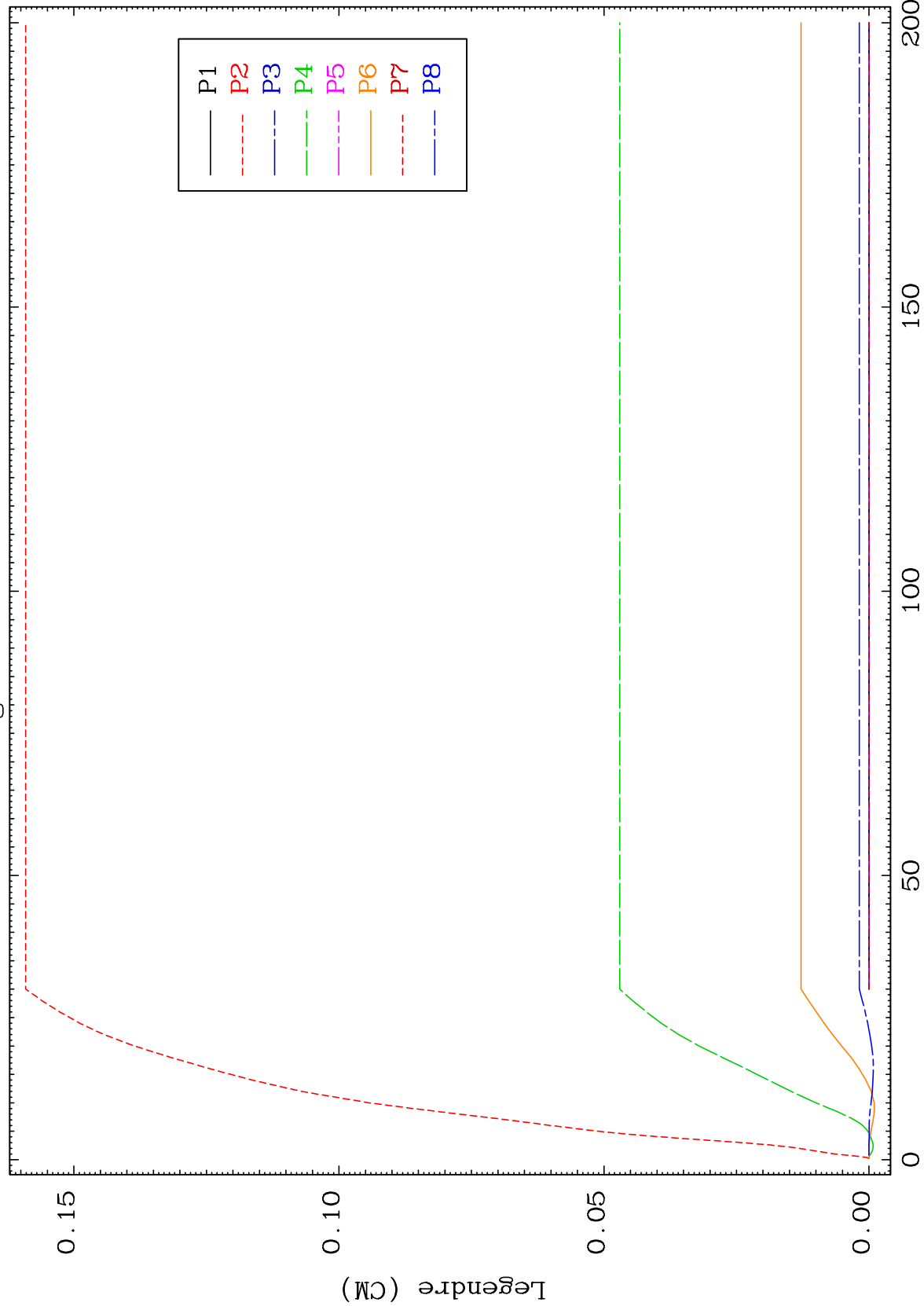
53-I -120



MAT 5304

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

53-I -120



51

Incident Energy (MeV)

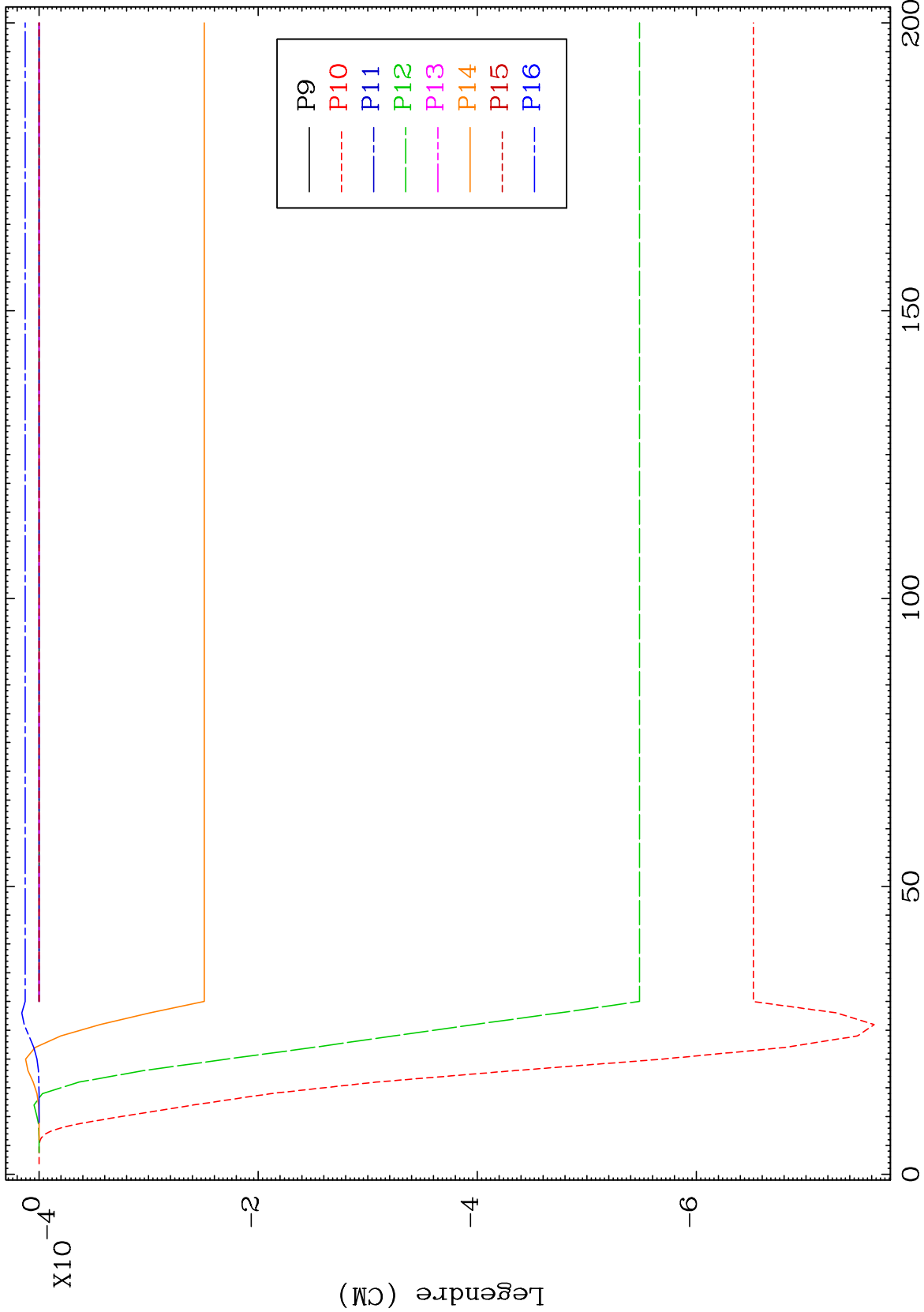
53-I -120

MAT 5304

MT= 60 (n,n') Level

53-I -120

Legendre Coefficients



52

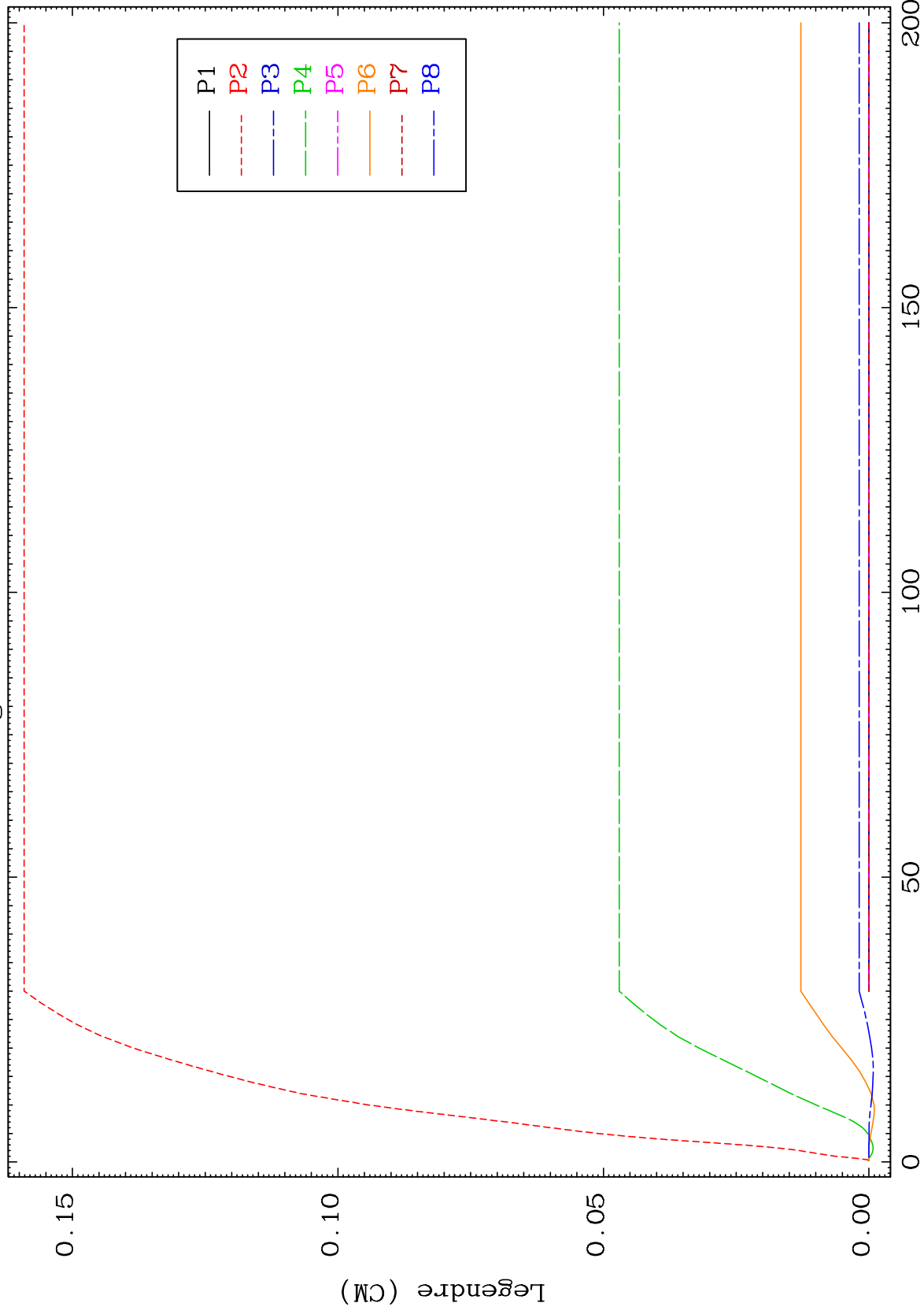
Incident Energy (MeV)

53-I -120

MAT 5304

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

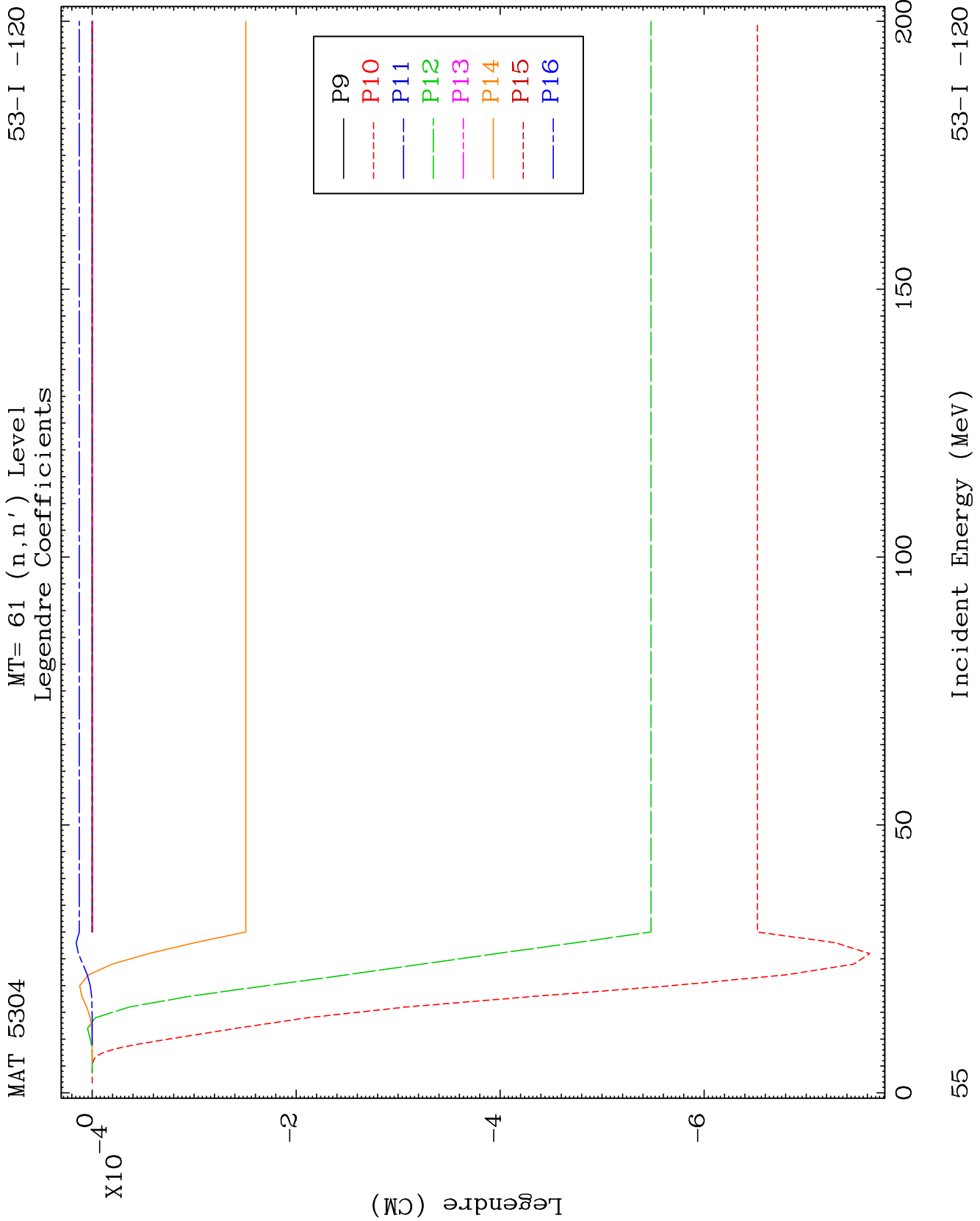
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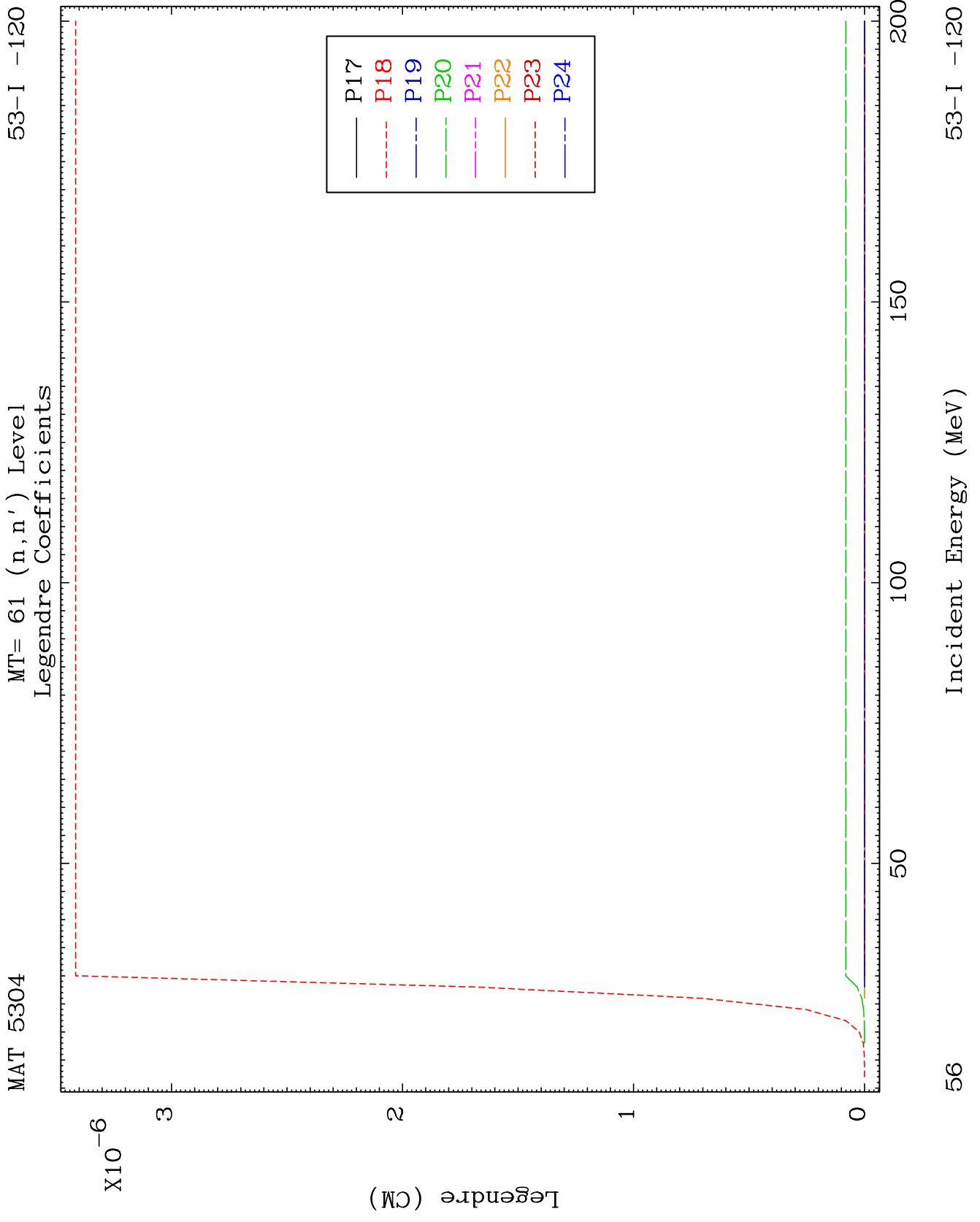


54

Incident Energy (MeV)

53-I -120

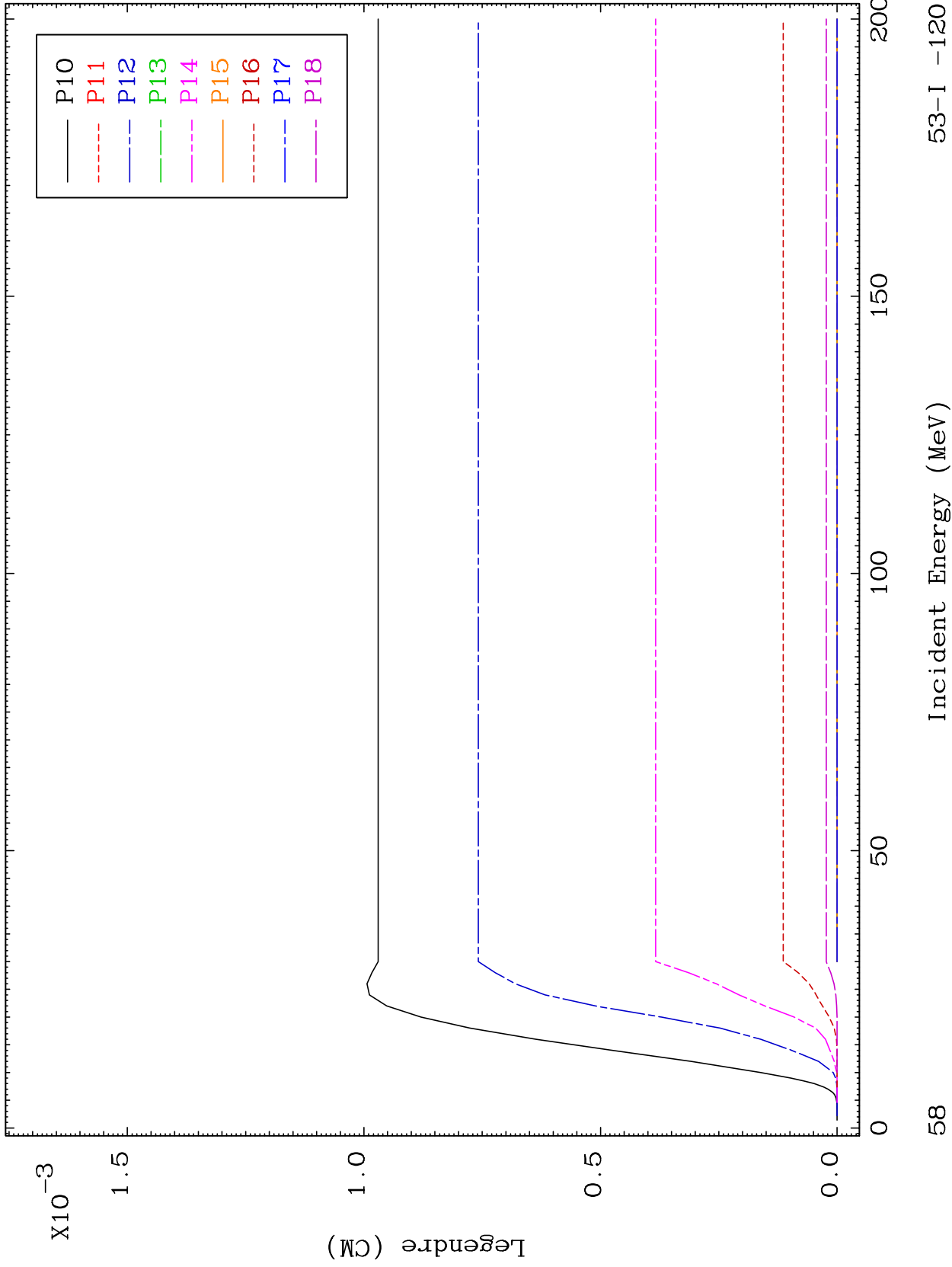


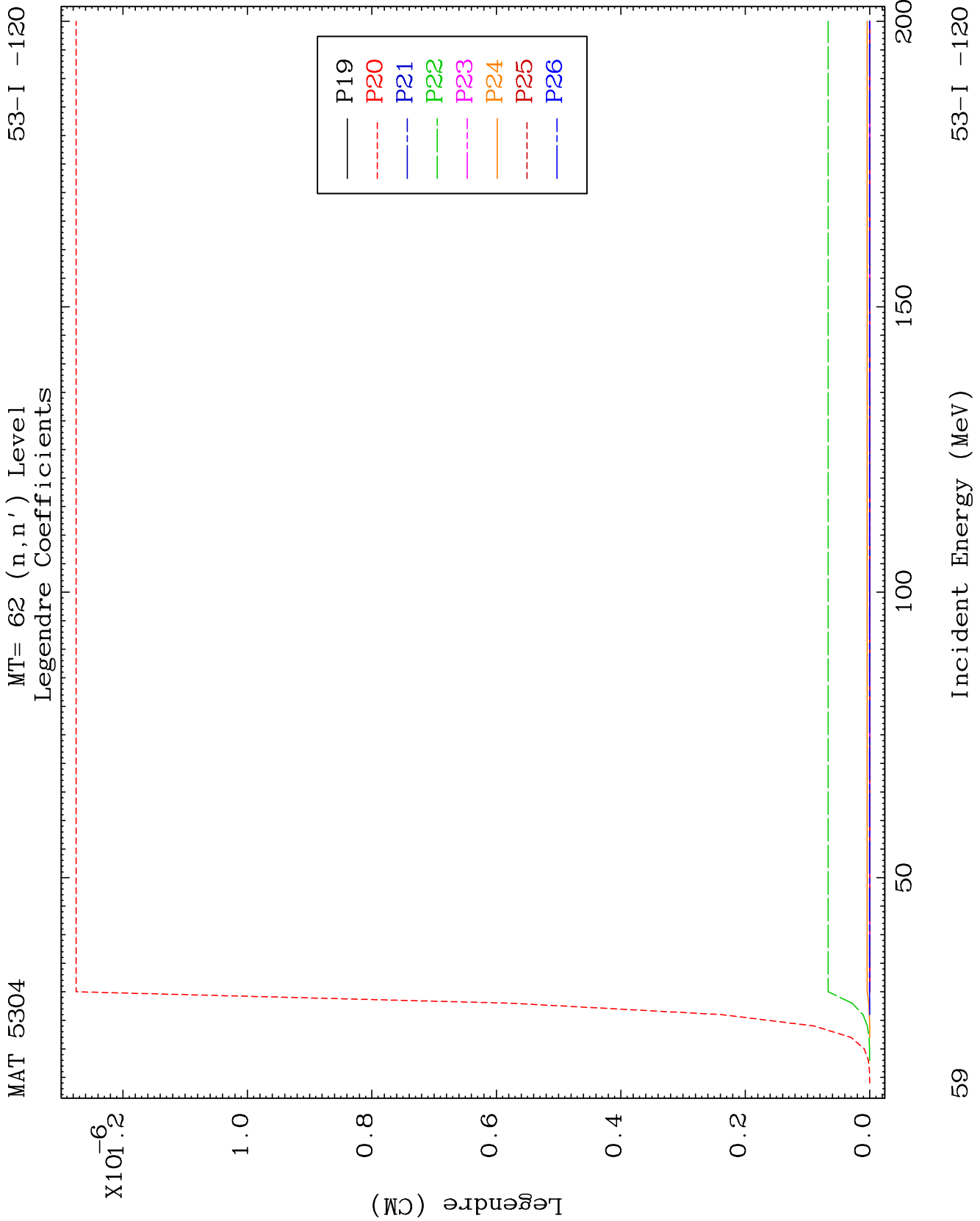


MAT 5304

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

53-I -120

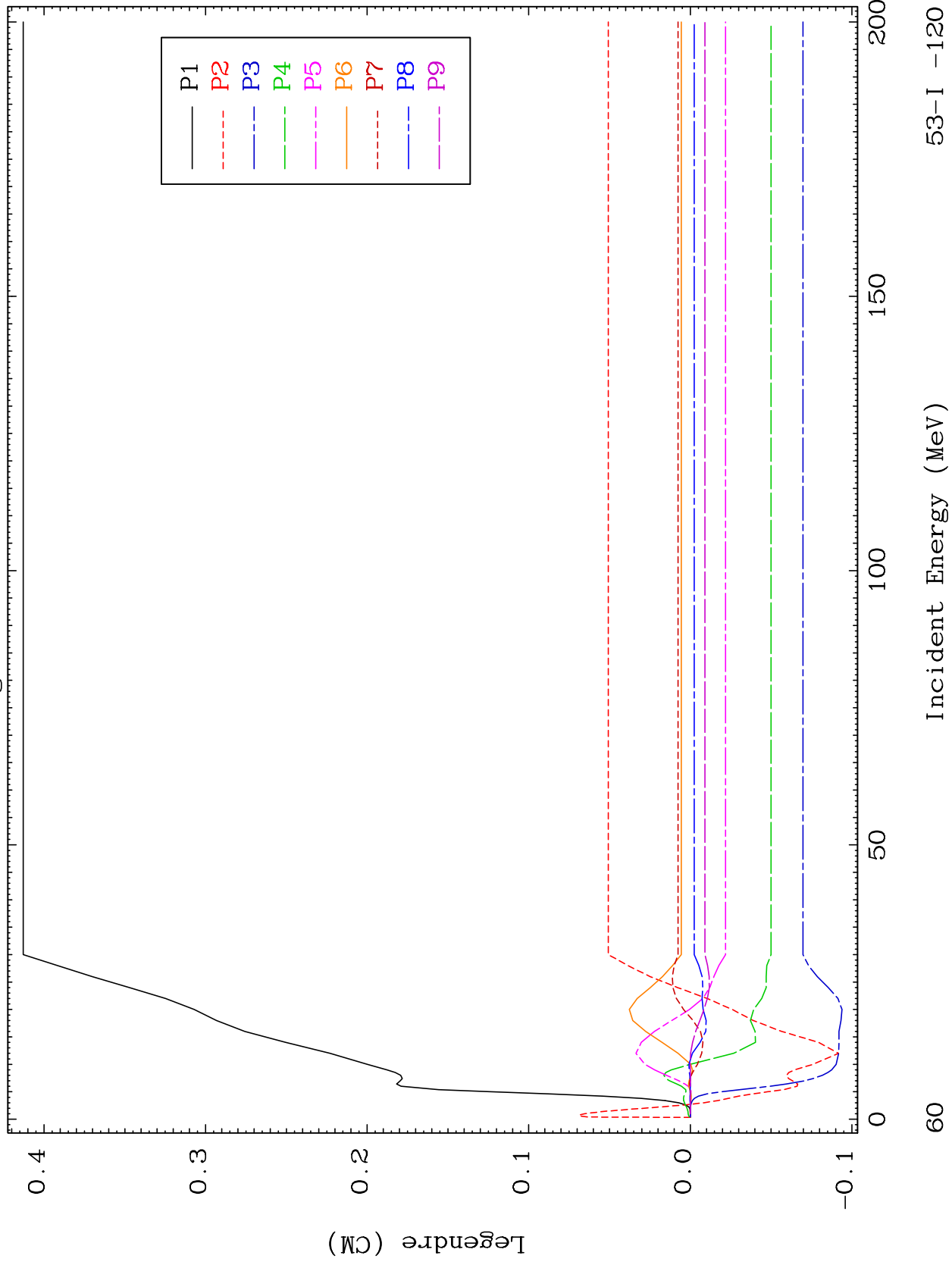




MAT 5304

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

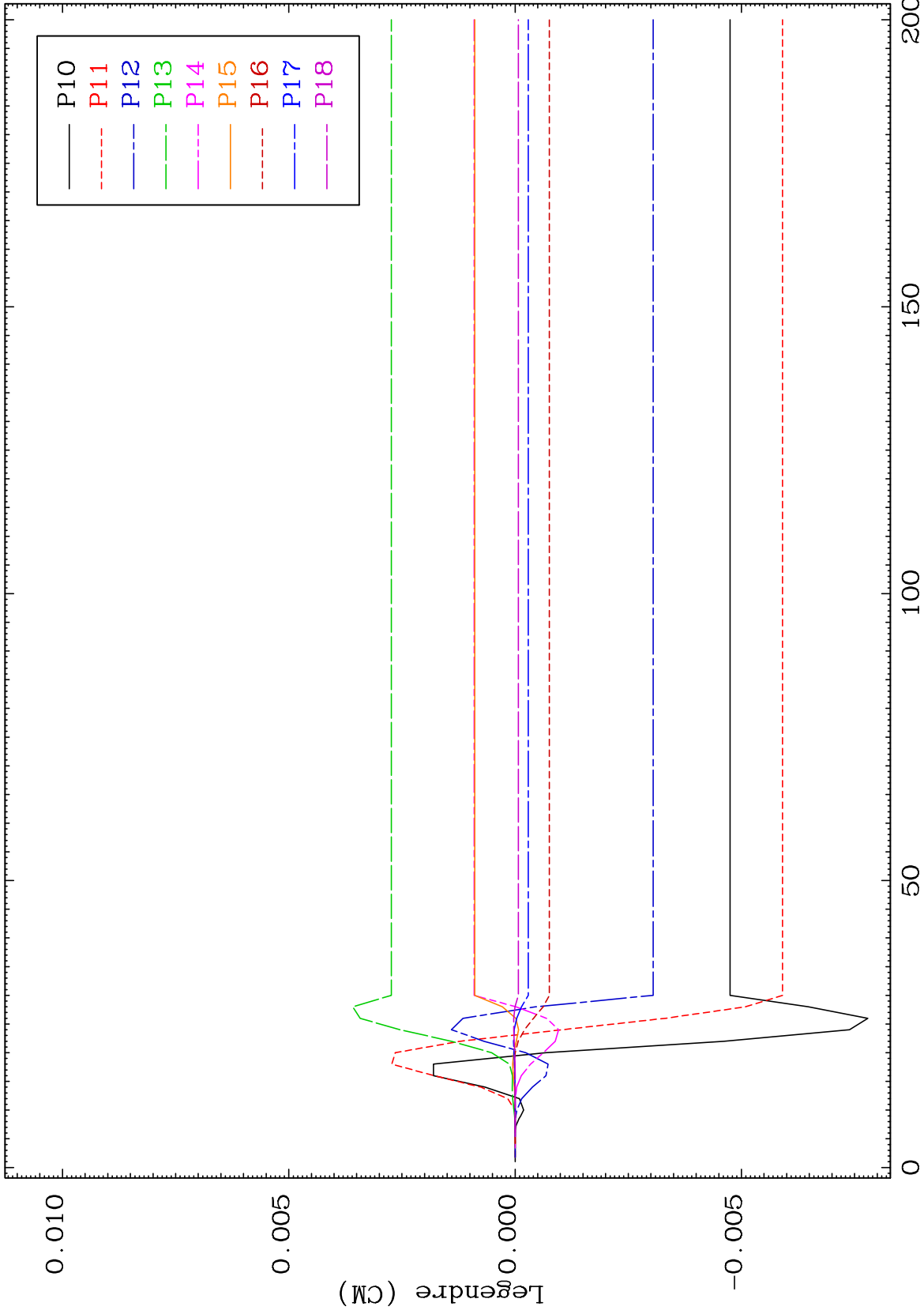
53-I -120



MAT 5304

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

53-I -120



61

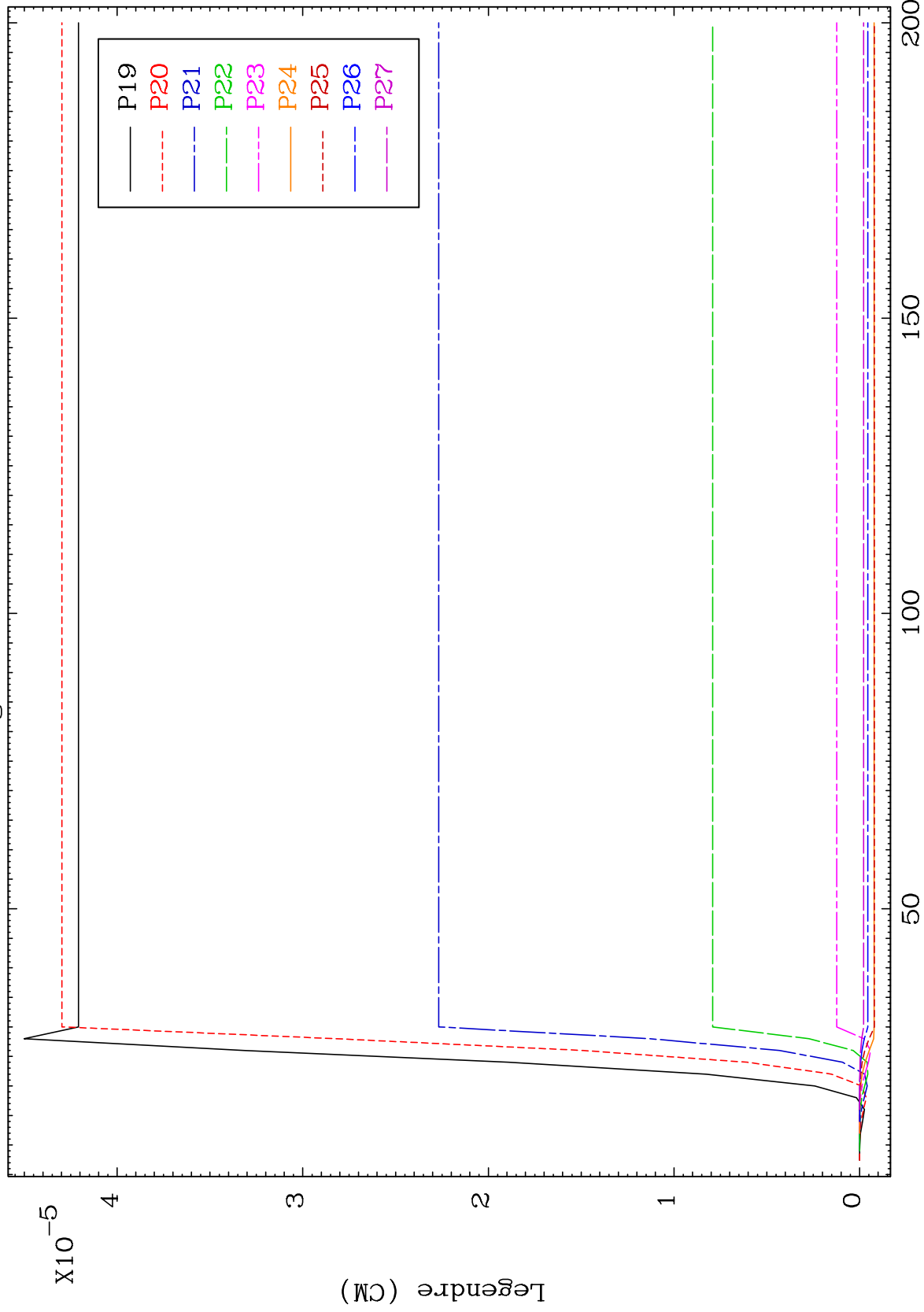
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



62

Incident Energy (MeV)

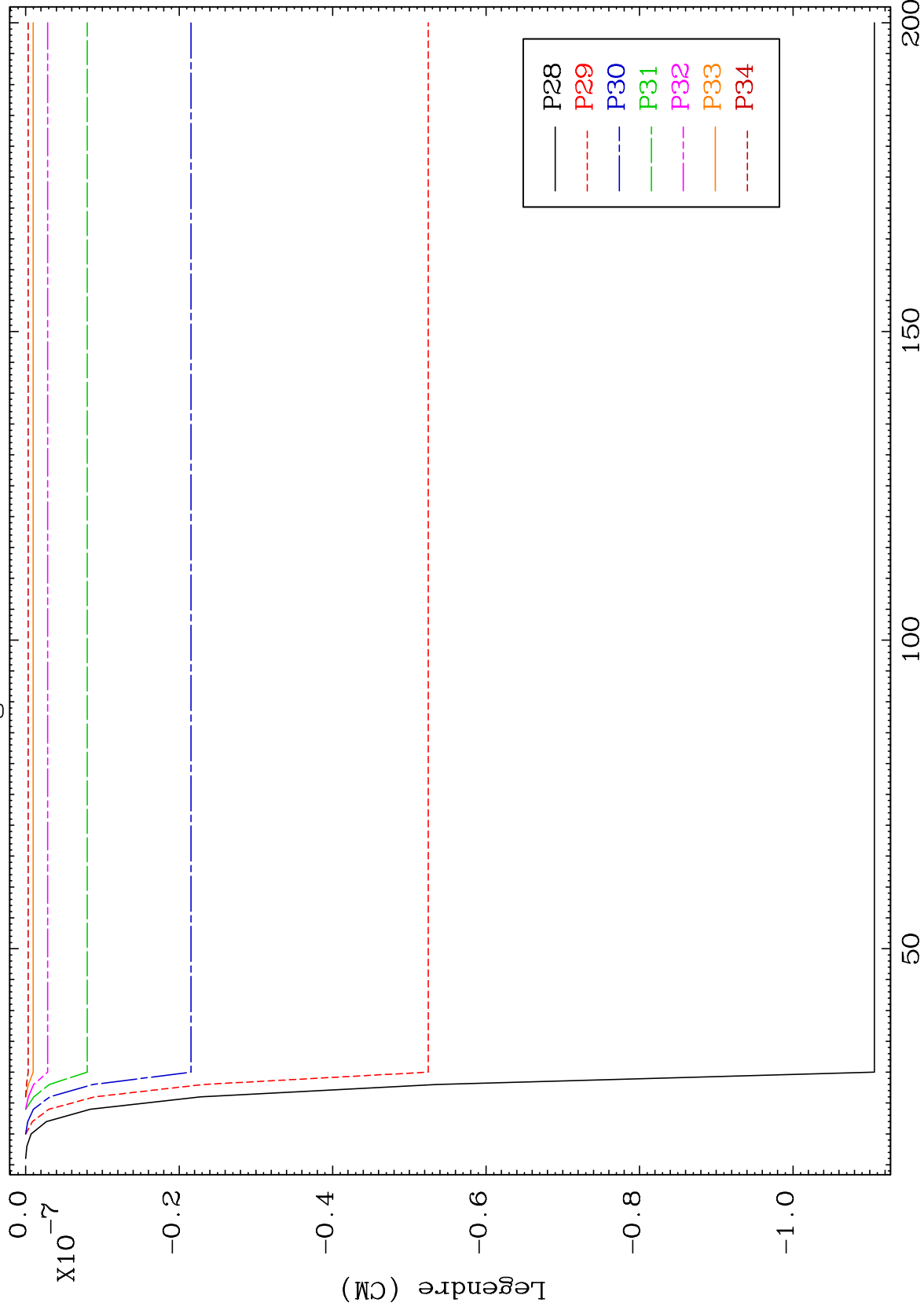
53-I -120

MAT 5304

MT= 63 (n,n') Level

53-I -120

Legendre Coefficients



63

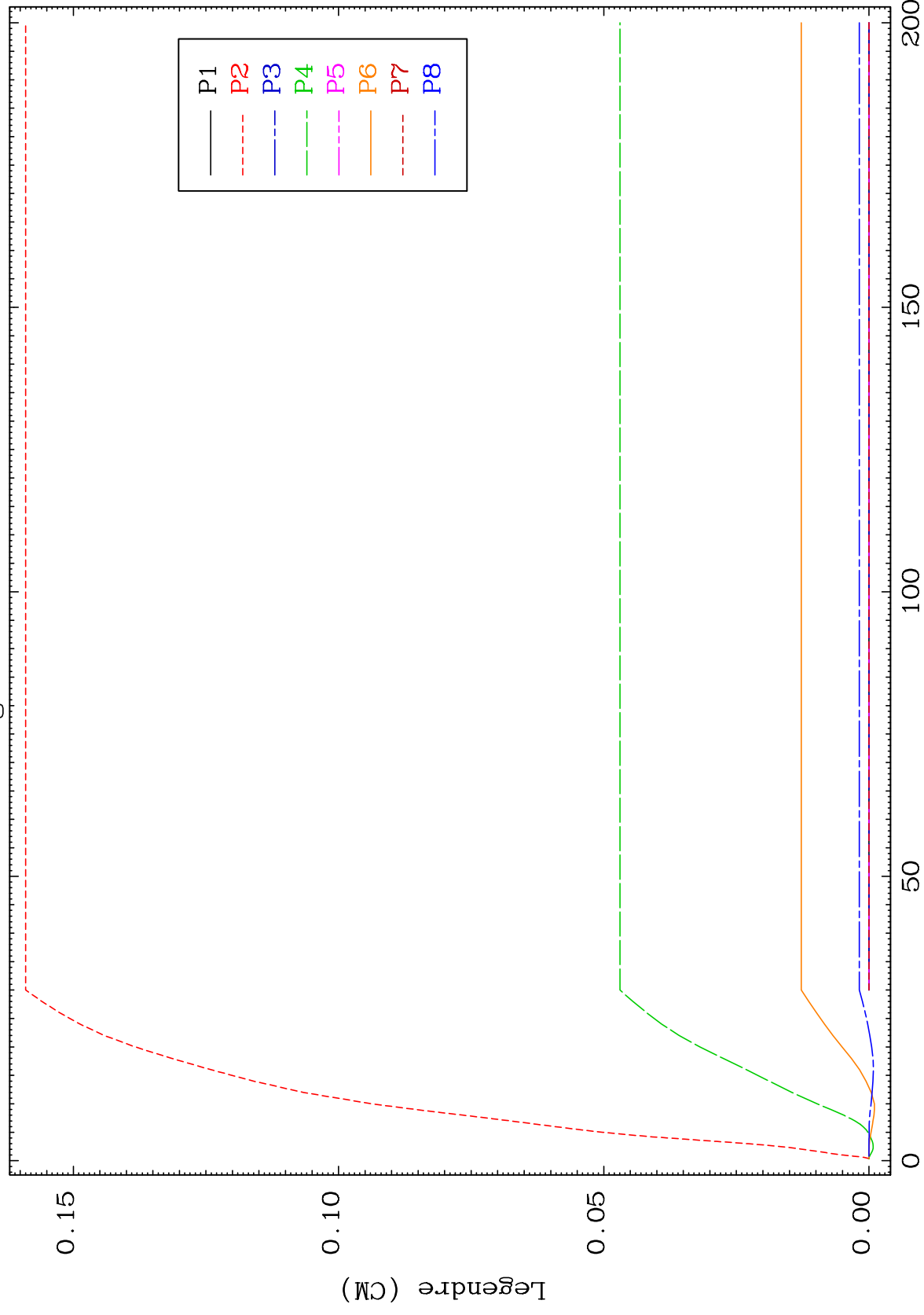
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



64

Incident Energy (MeV)

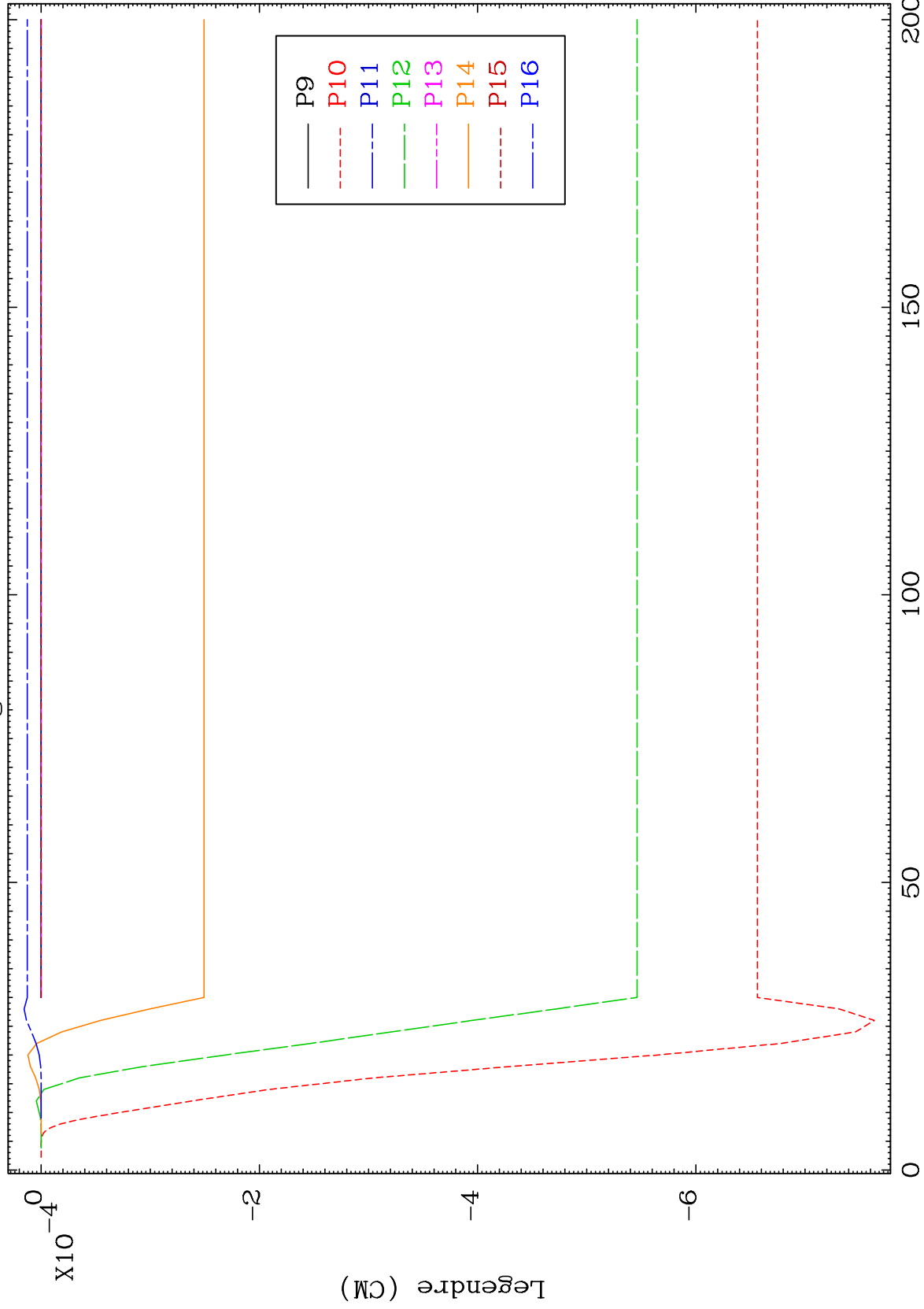
53-I -120

MAT 5304

MT= 64 (n,n') Level

53-I -120

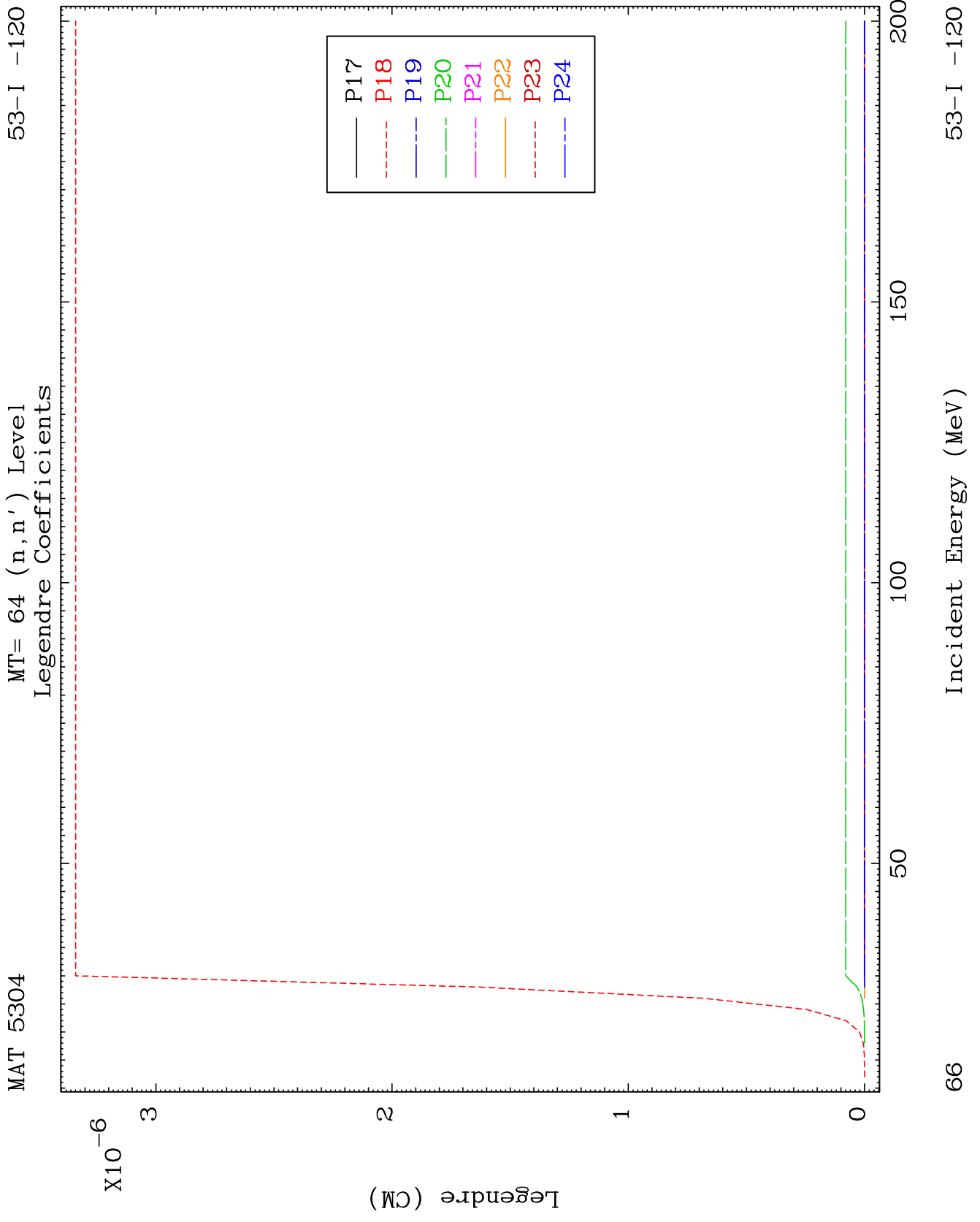
Legendre Coefficients



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Incident Energy (MeV)

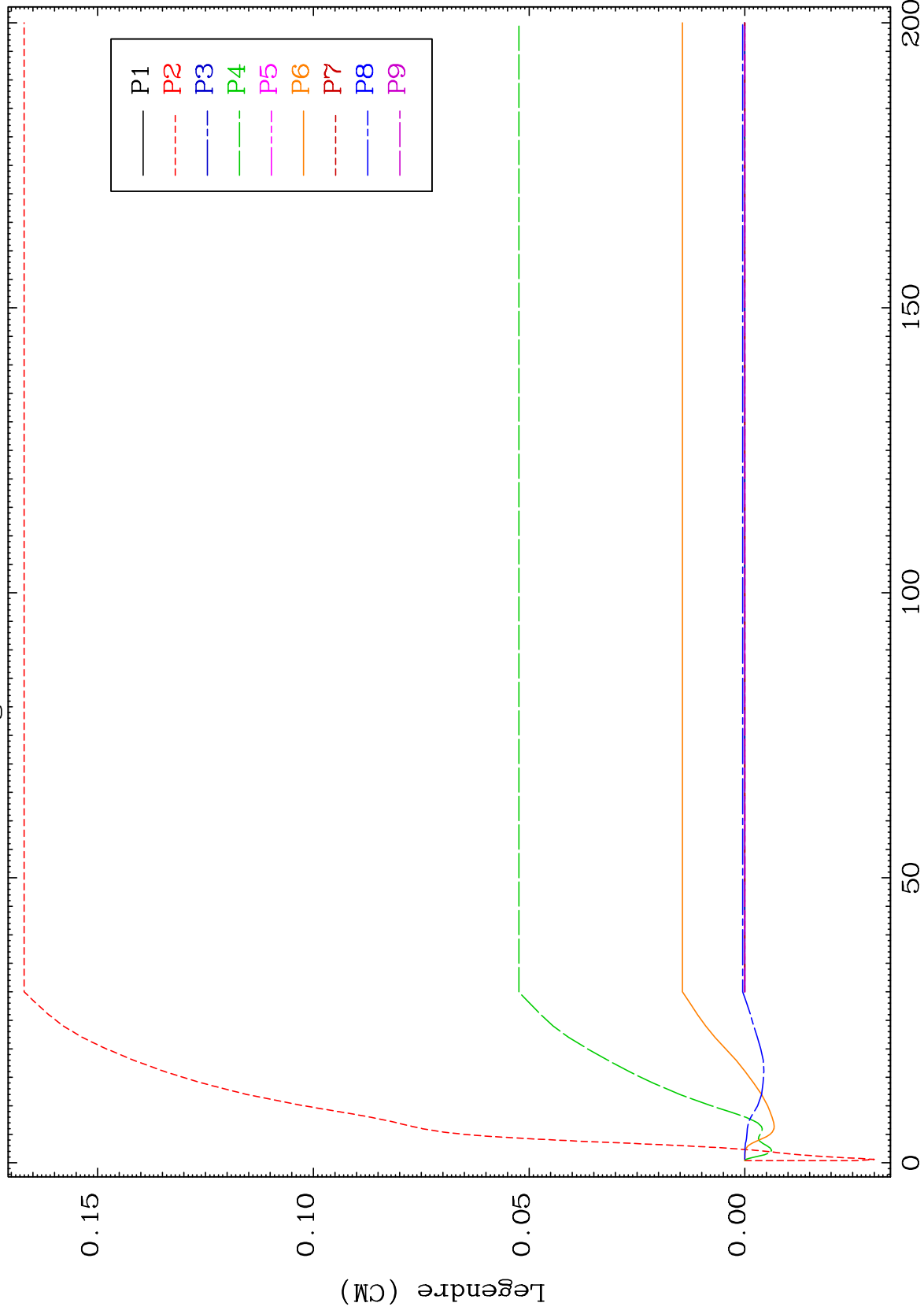
53-I -120



MAT 5304

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

53-I -120



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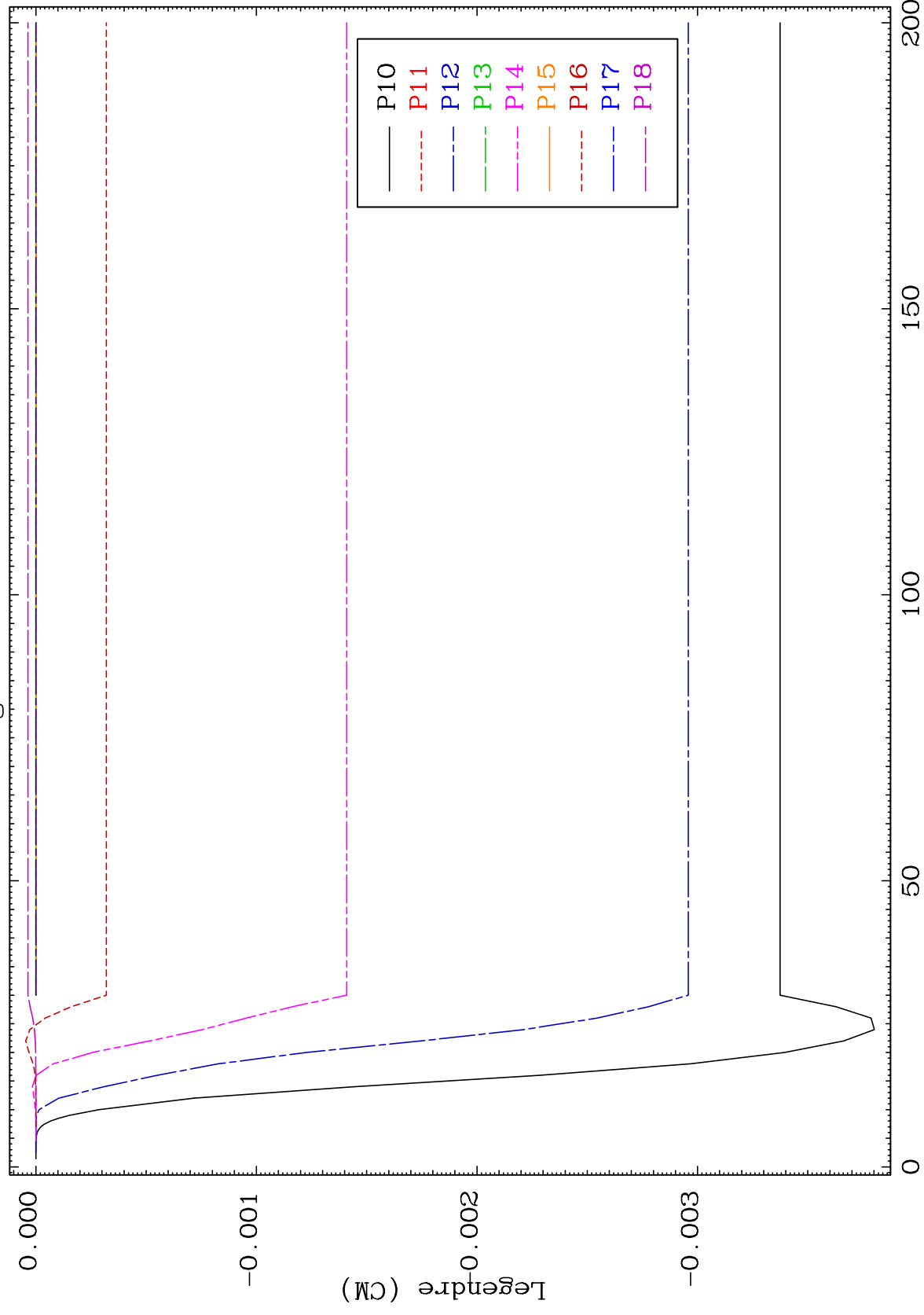
Incident Energy (MeV)

53-I -120

MAT 5304

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

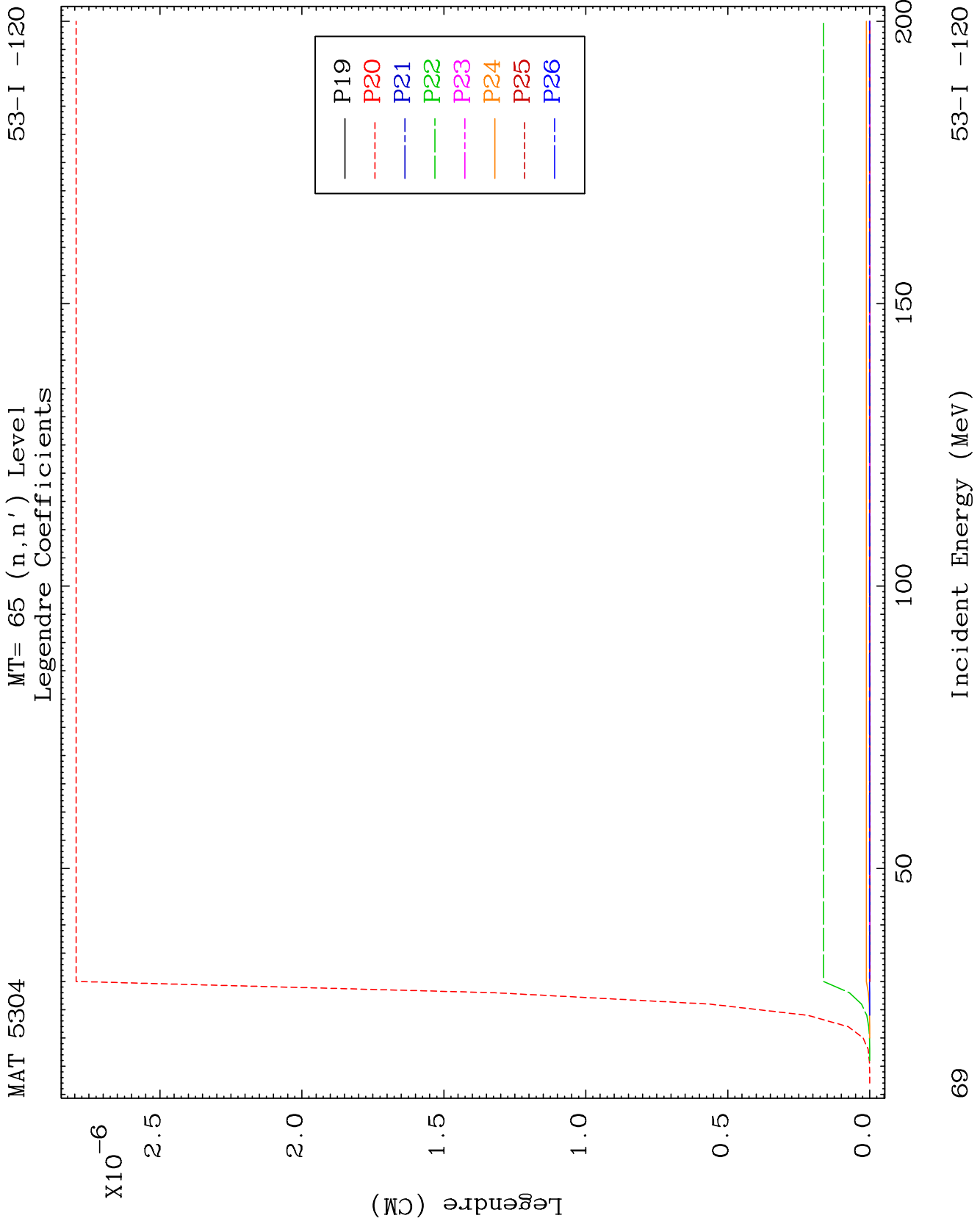
53-I -120



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Incident Energy (MeV)

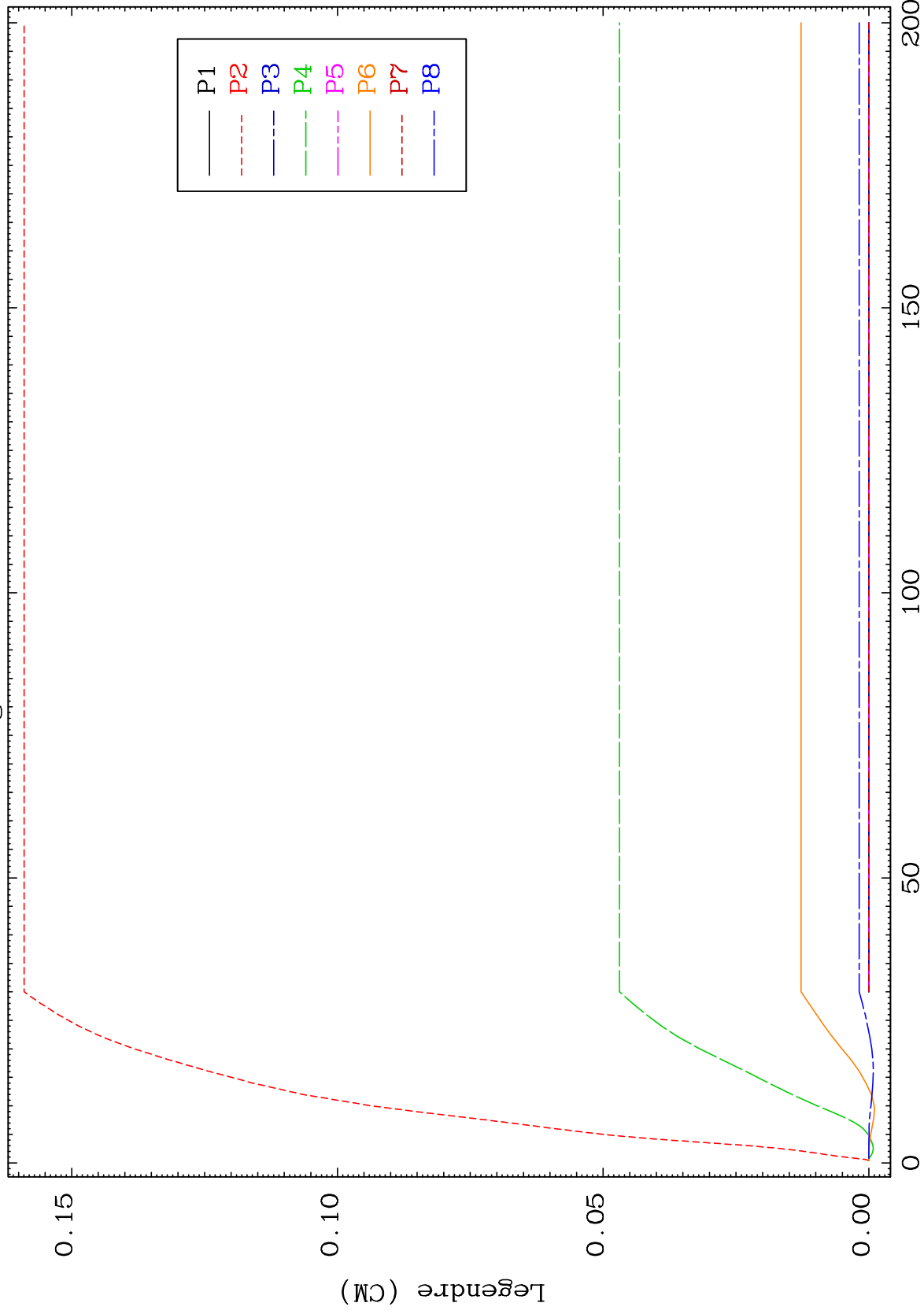
53-I -120



MAT 5304

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

53-I -120



53-I -120

Incident Energy (MeV)

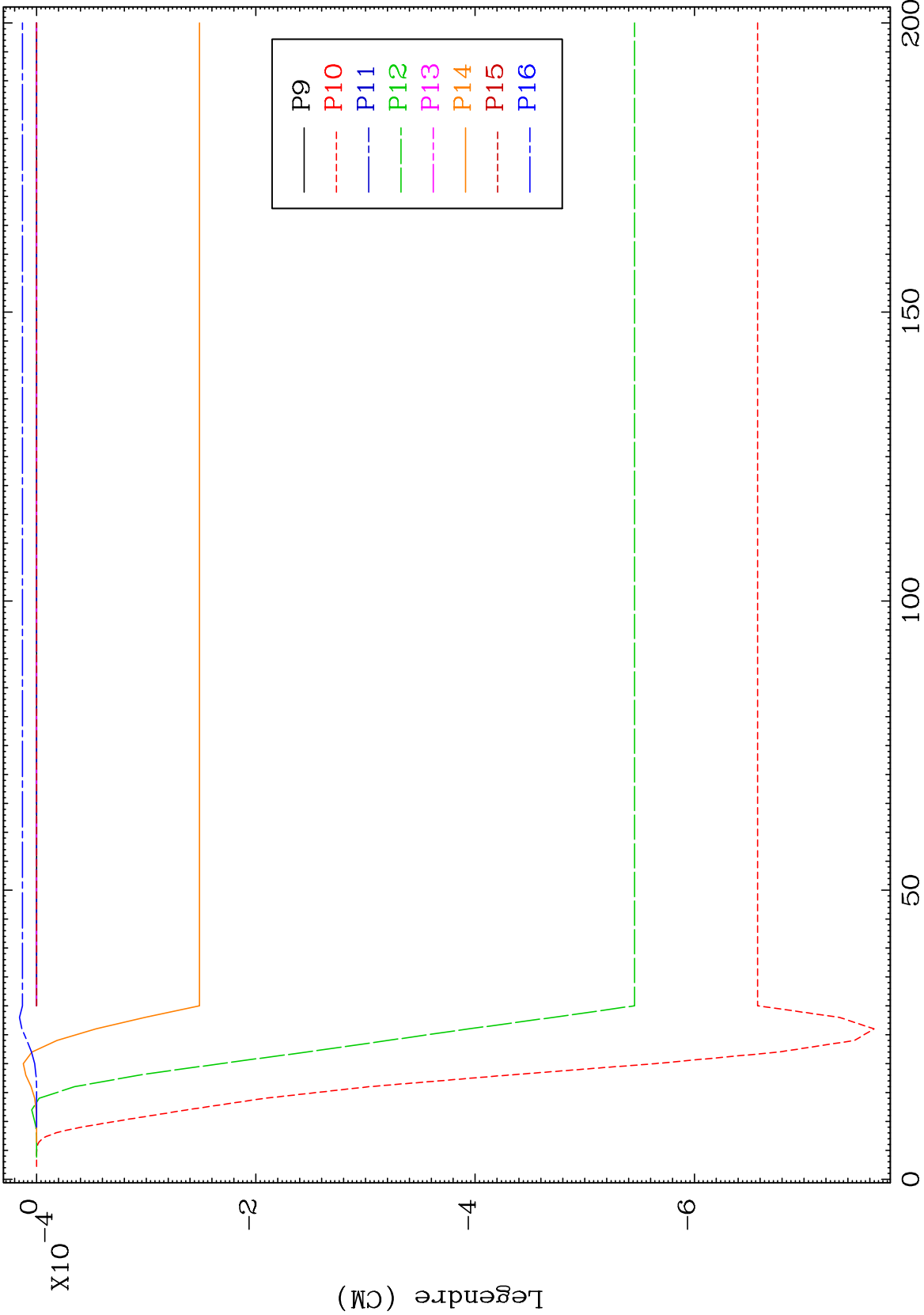
70

MAT 5304

MT= 66 (n,n') Level

53-I -120

Legendre Coefficients



71

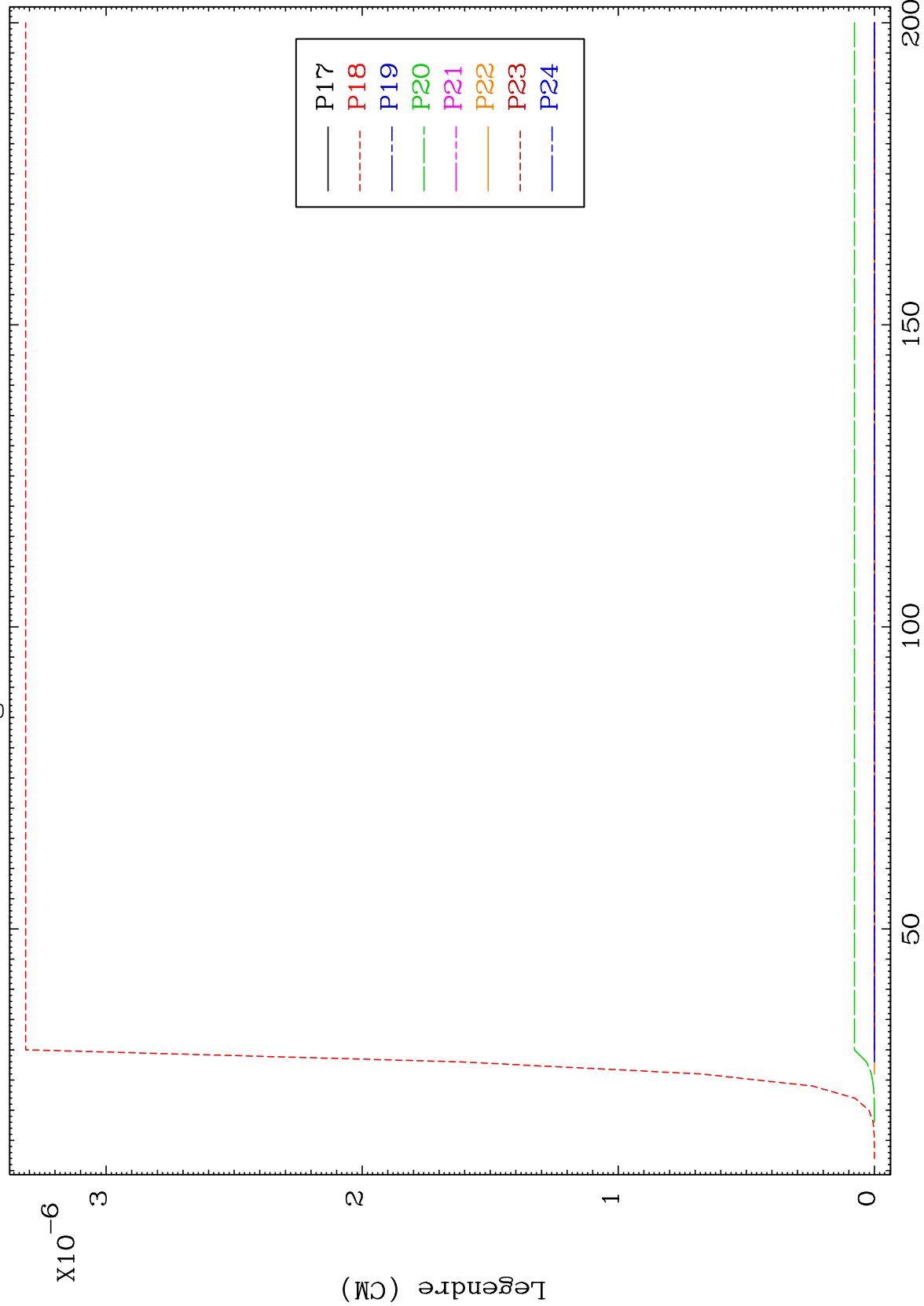
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



53-I -120

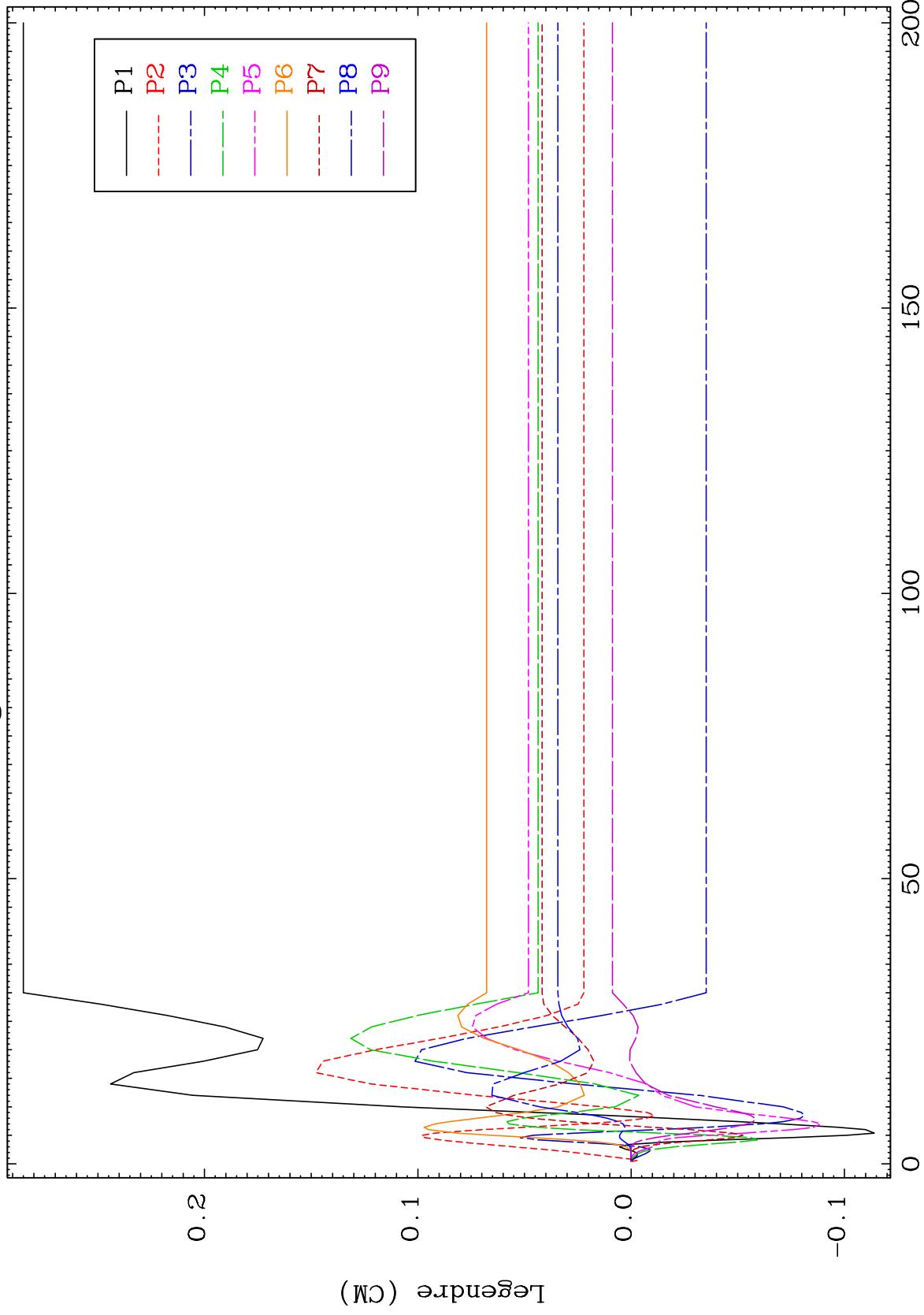
Incident Energy (MeV)

72

MAT 5304

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

53-I -120



73

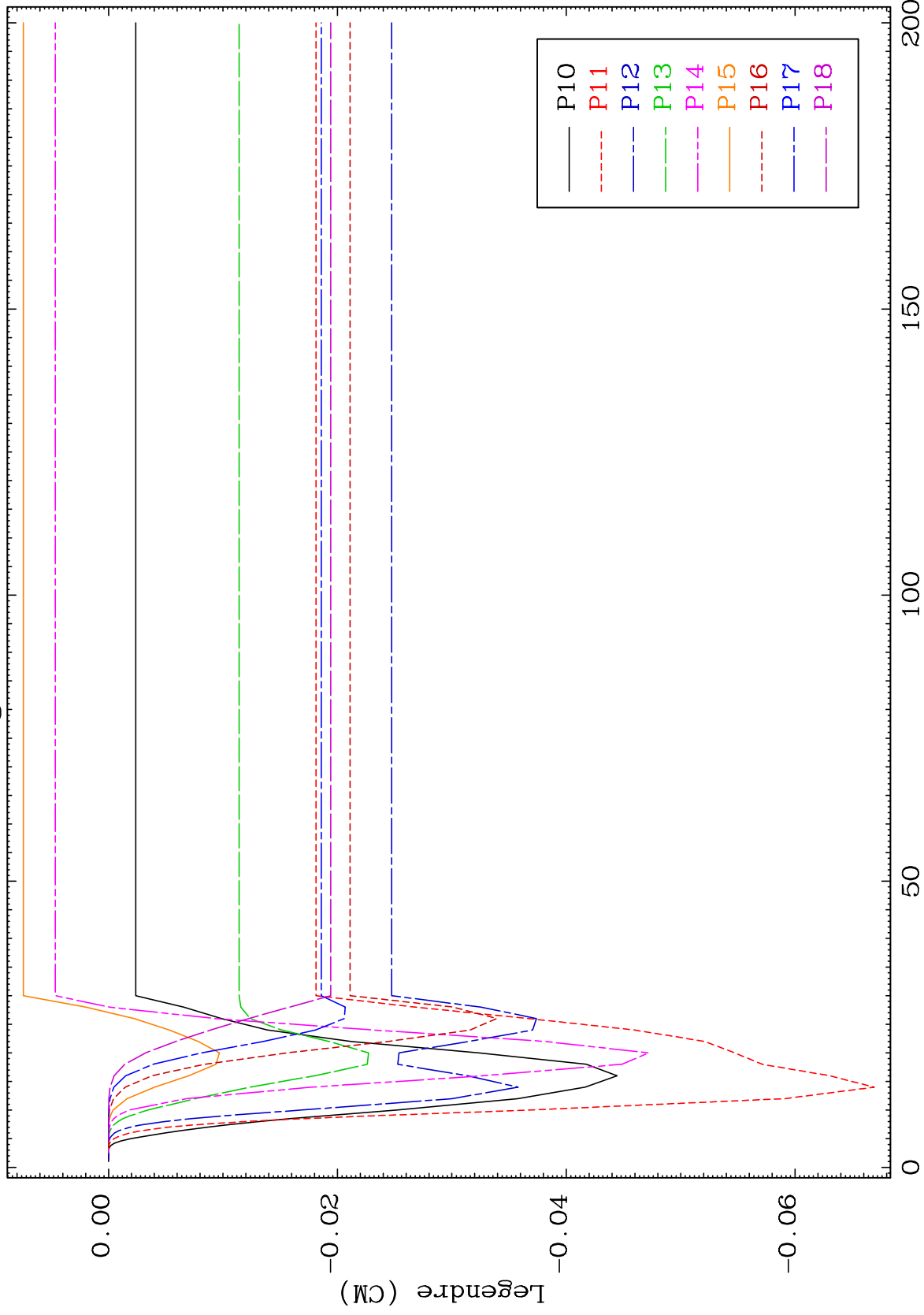
Incident Energy (MeV)

53-I -120

MAT 5304

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

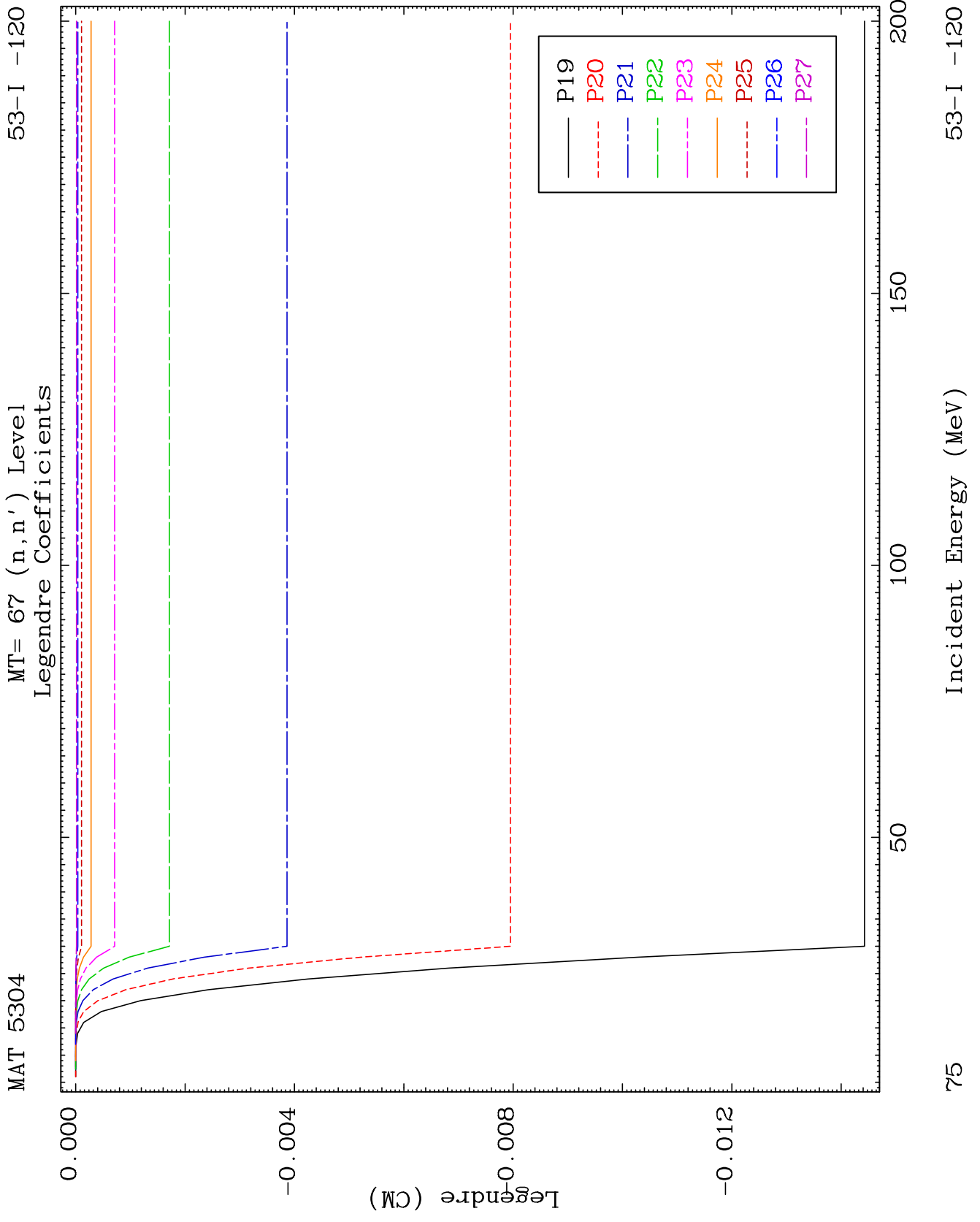
53-I -120



74

Incident Energy (MeV)

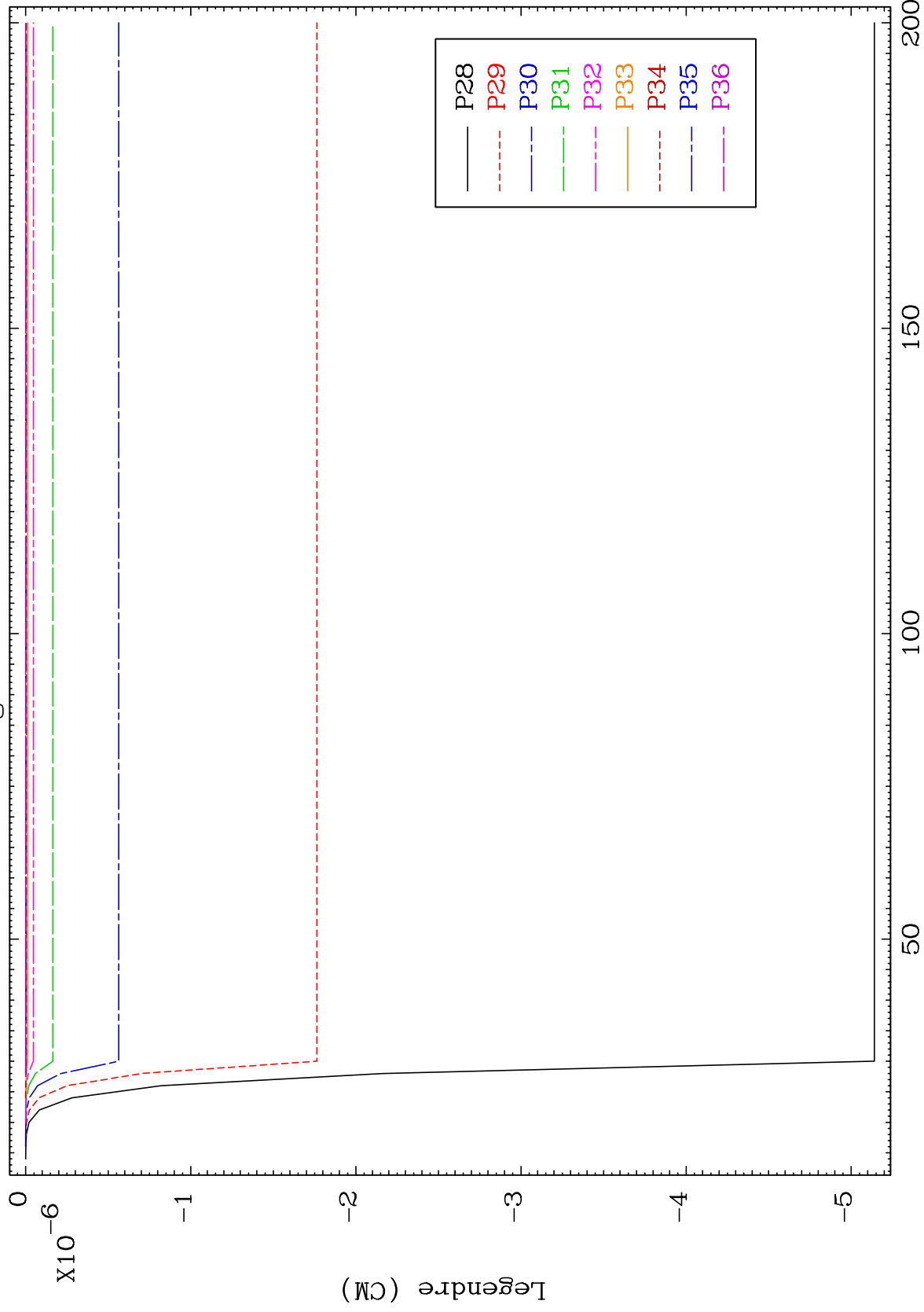
53-I -120



MAT 5304

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

53-I -120



76

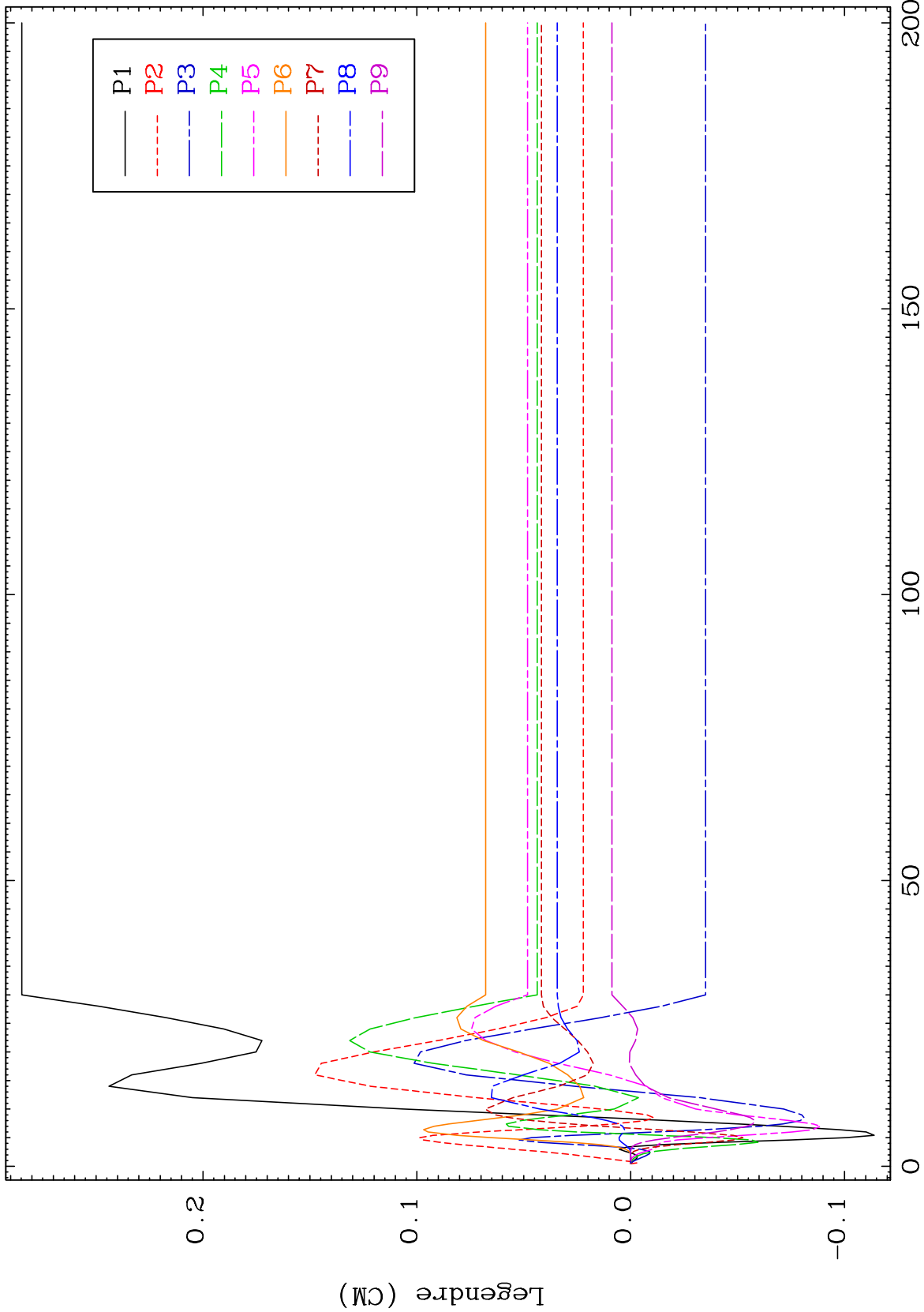
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



77

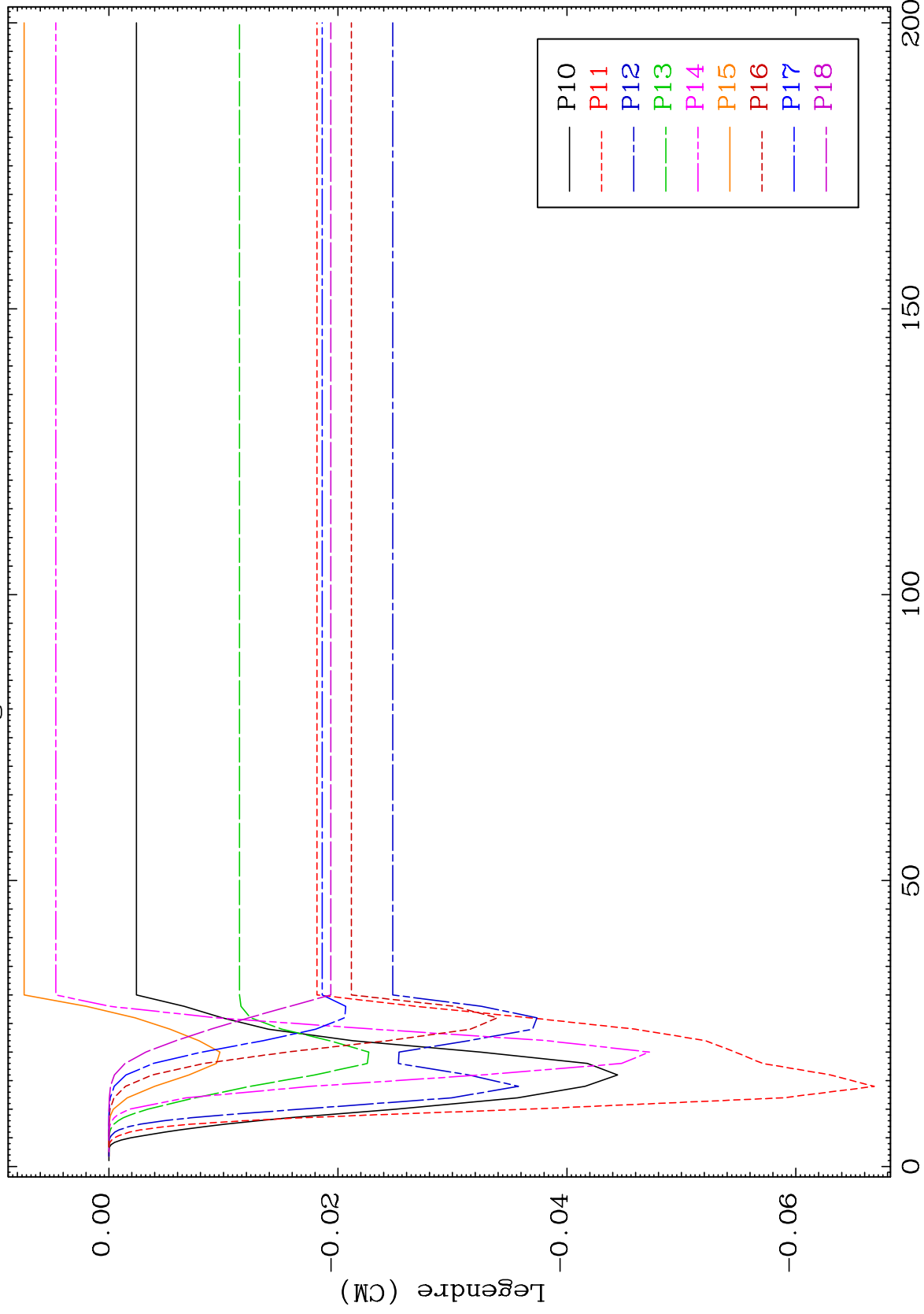
Incident Energy (MeV)

53-I -120

MAT 5304

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

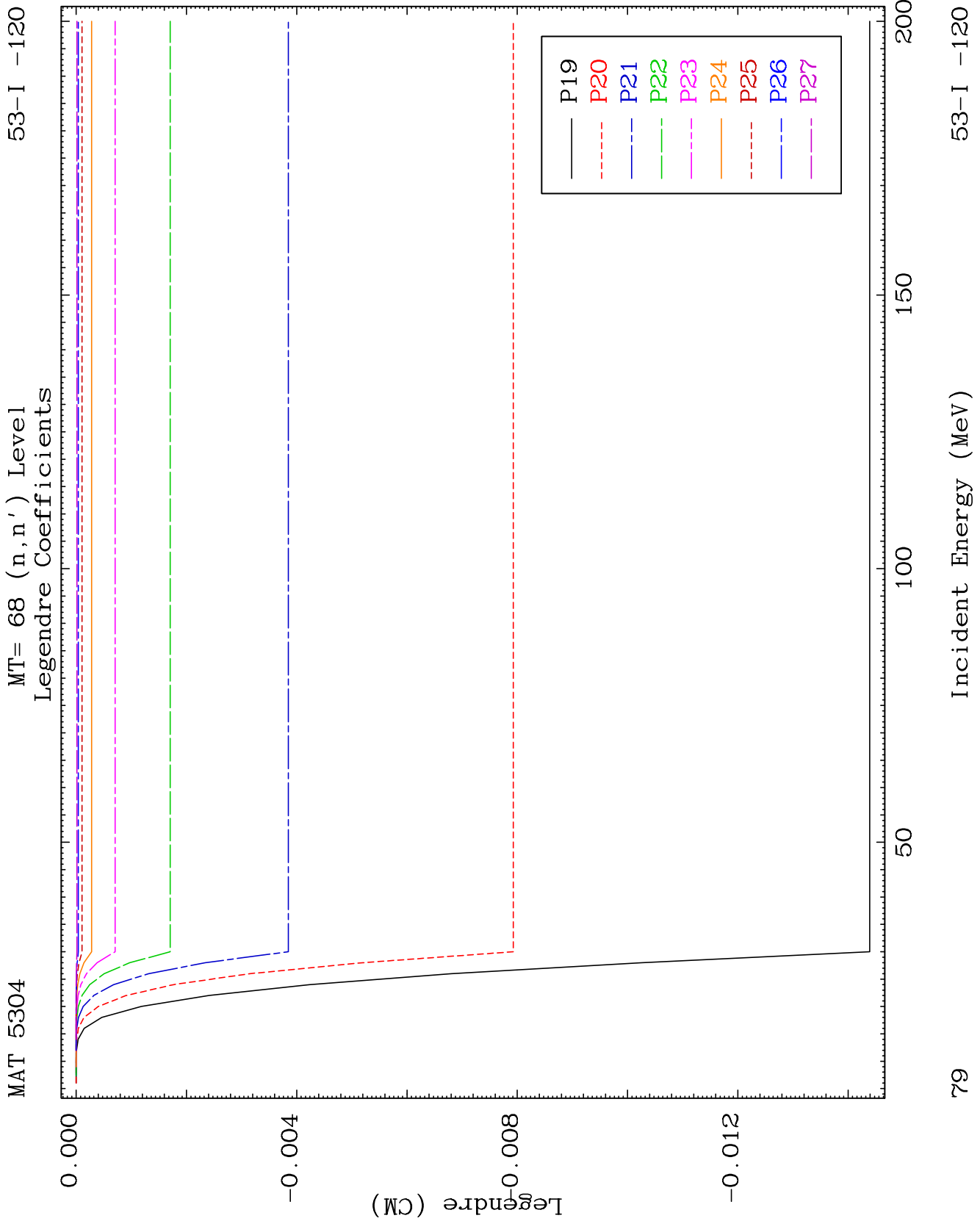
53-I -120

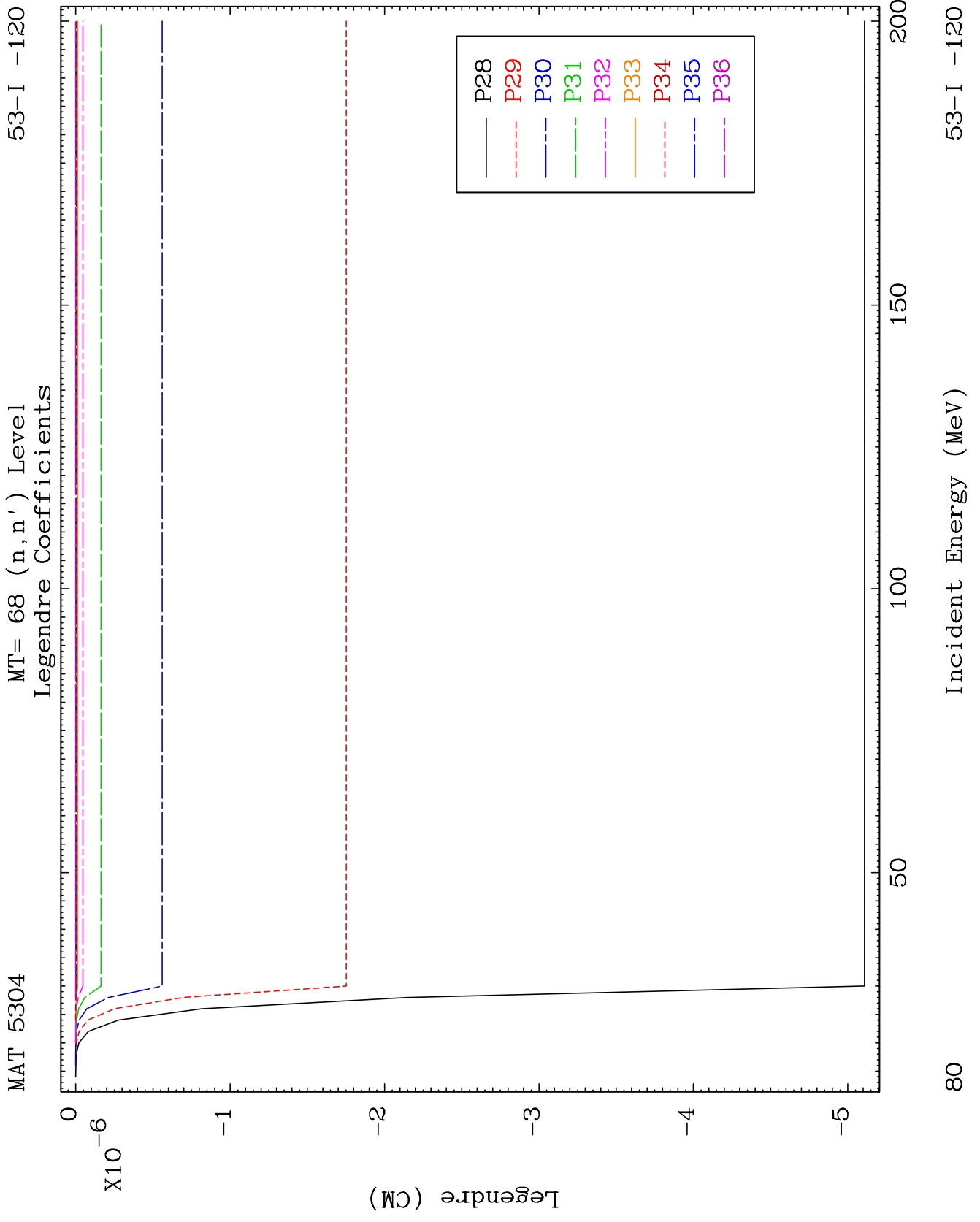


78

Incident Energy (MeV)

53-I -120

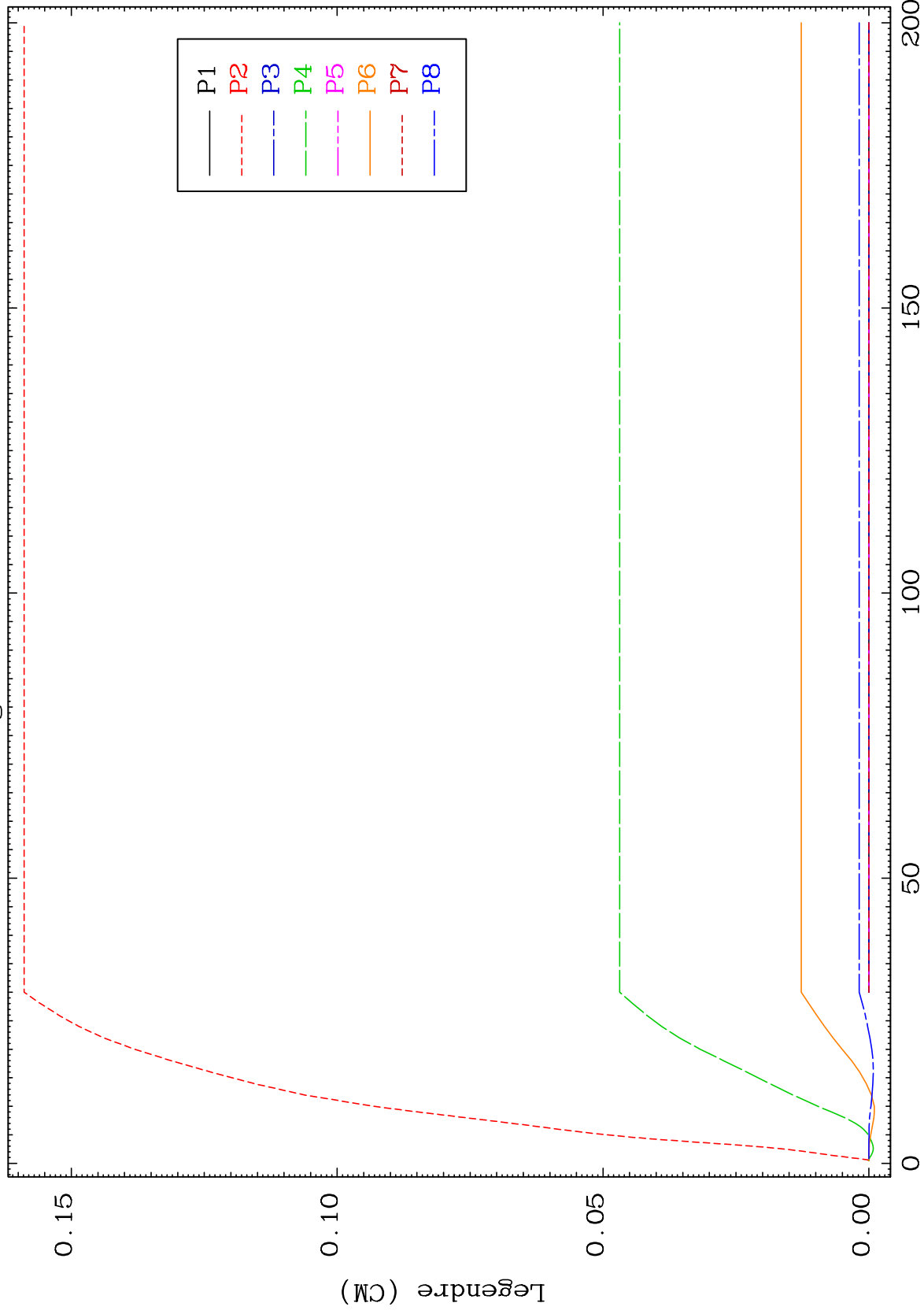




MAT 5304

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

53-I -120



81

Incident Energy (MeV)

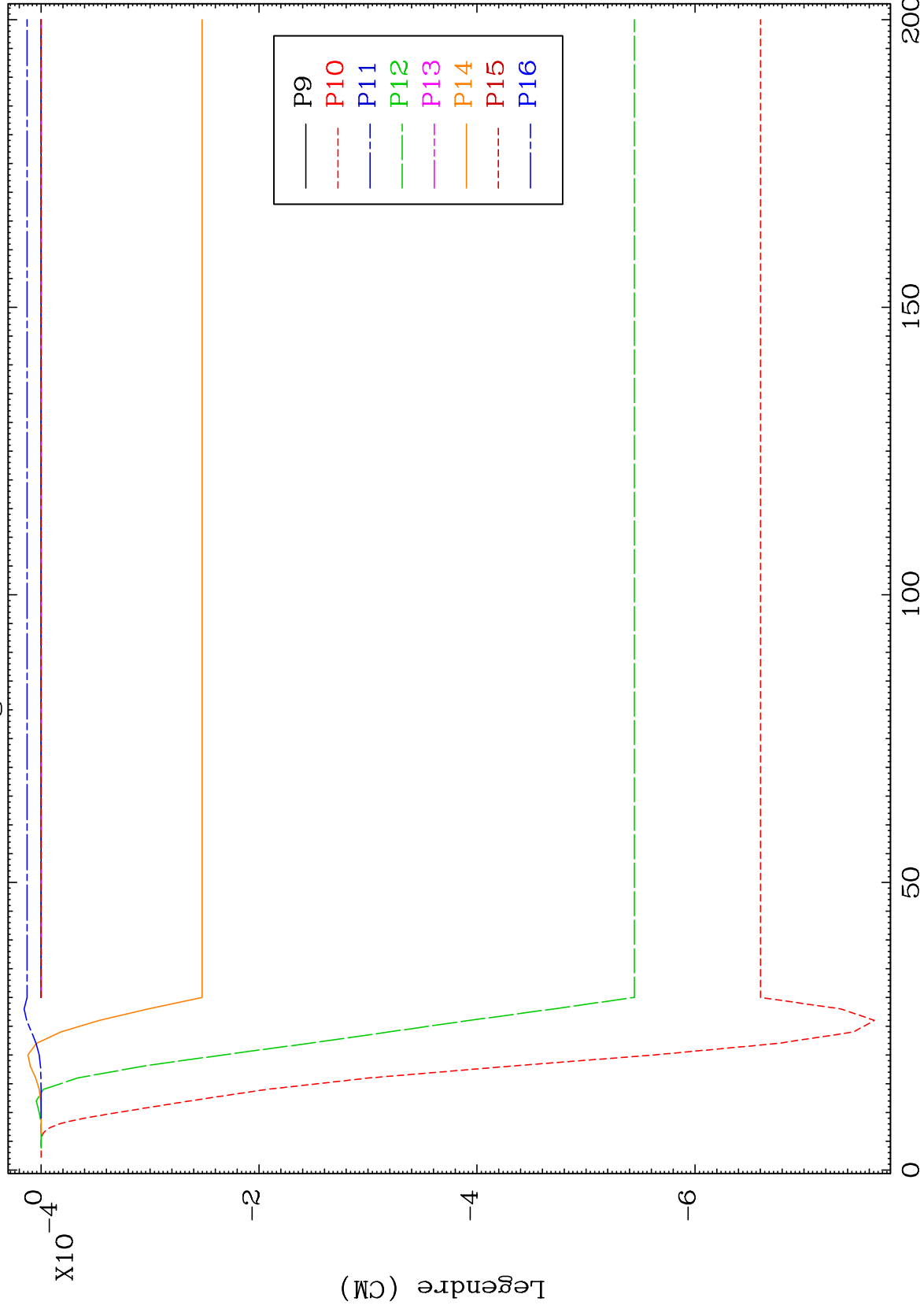
53-I -120

MAT 5304

MT= 69 (n,n') Level

53-I -120

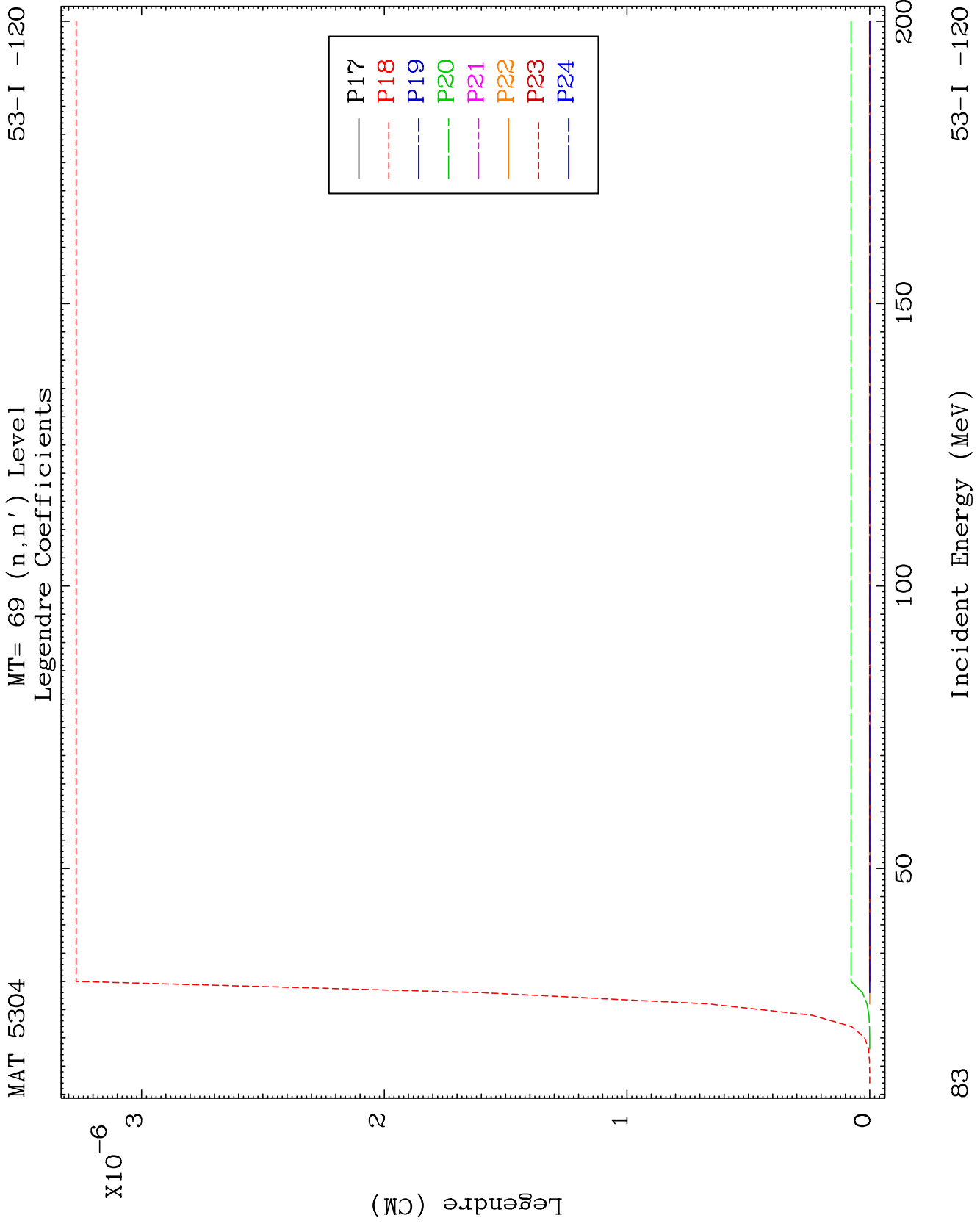
Legendre Coefficients



82

Incident Energy (MeV)

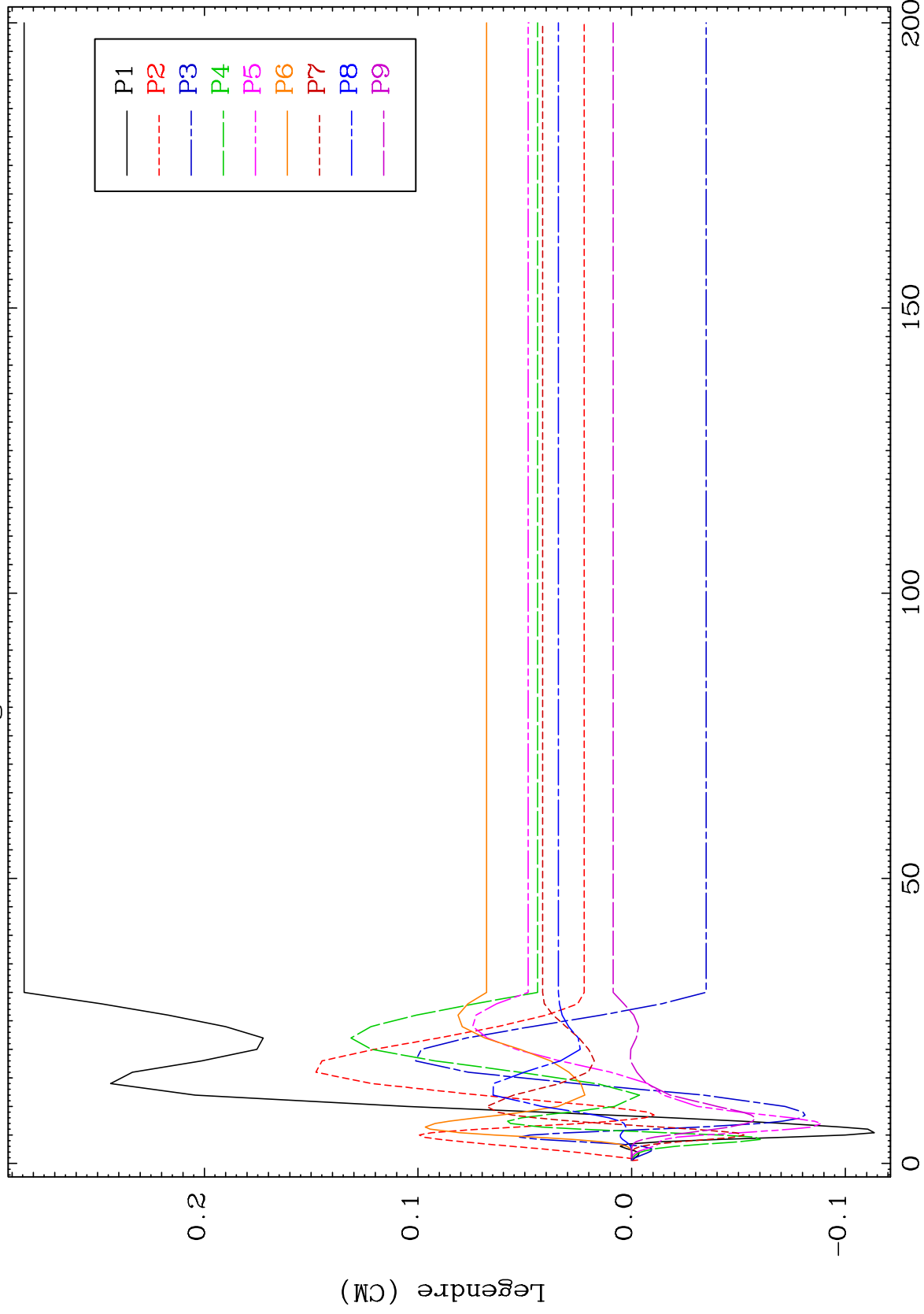
53-I -120



MAT 5304

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

53-I -120



84

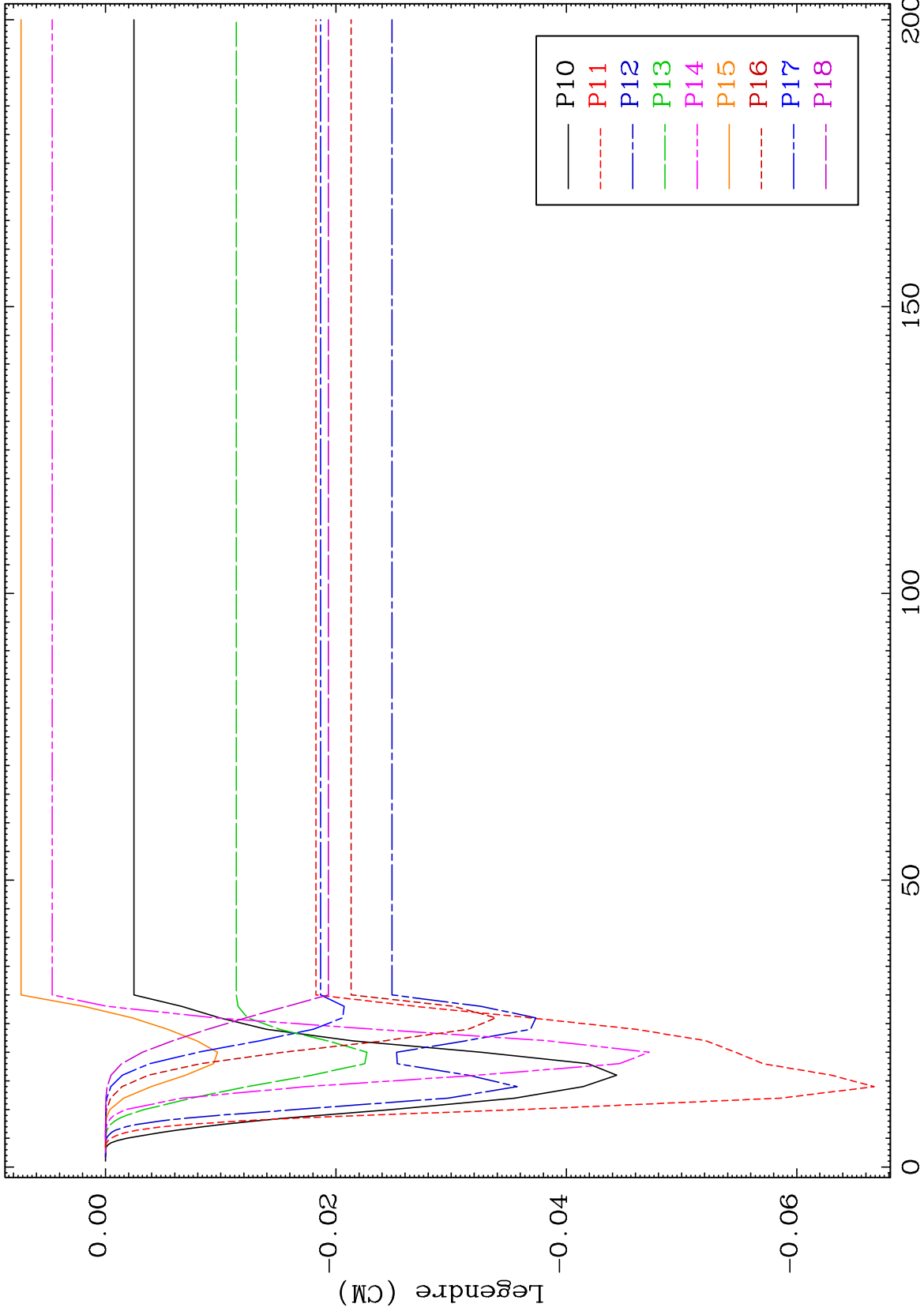
Incident Energy (MeV)

53-I -120

MAT 5304

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

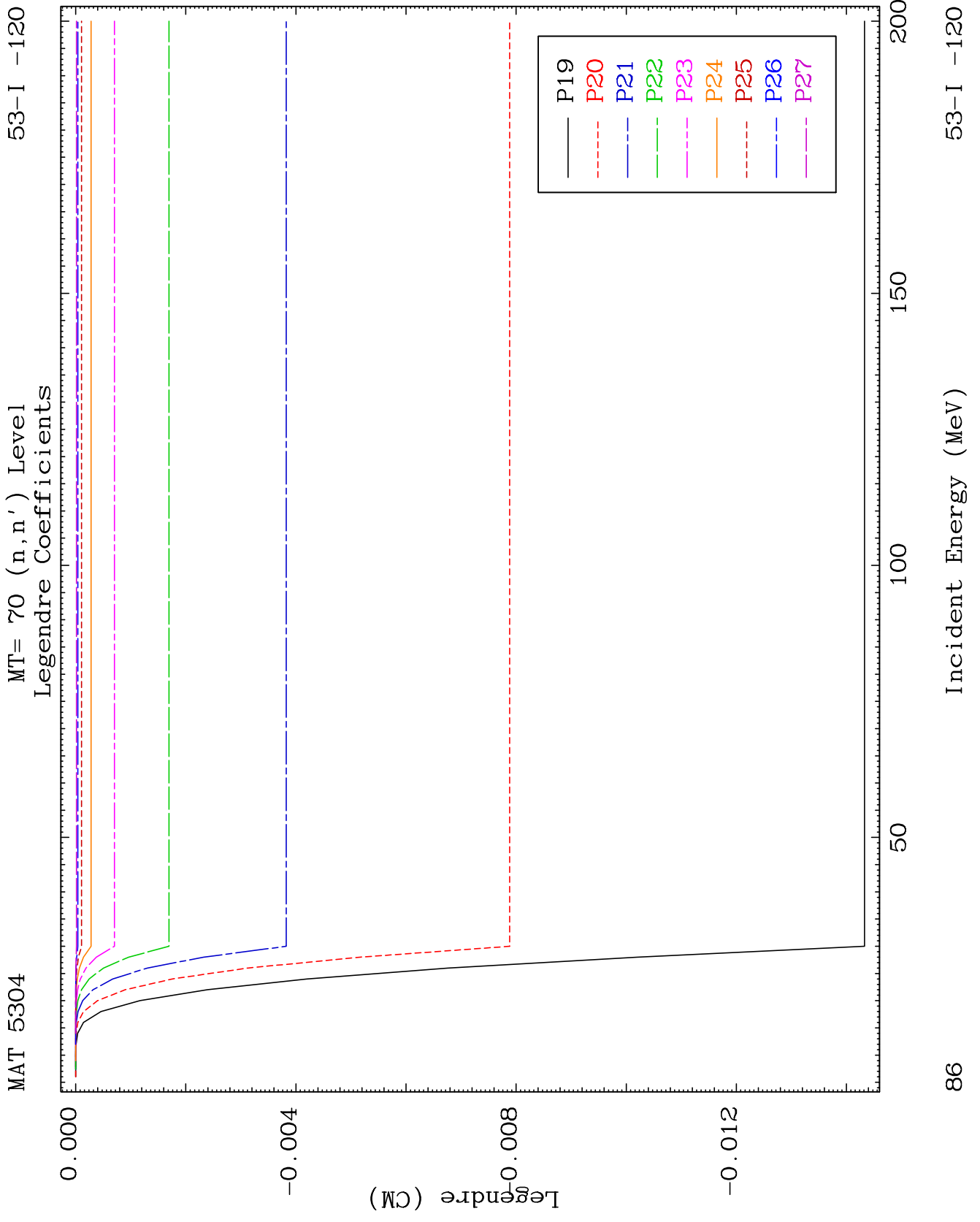
53-I -120

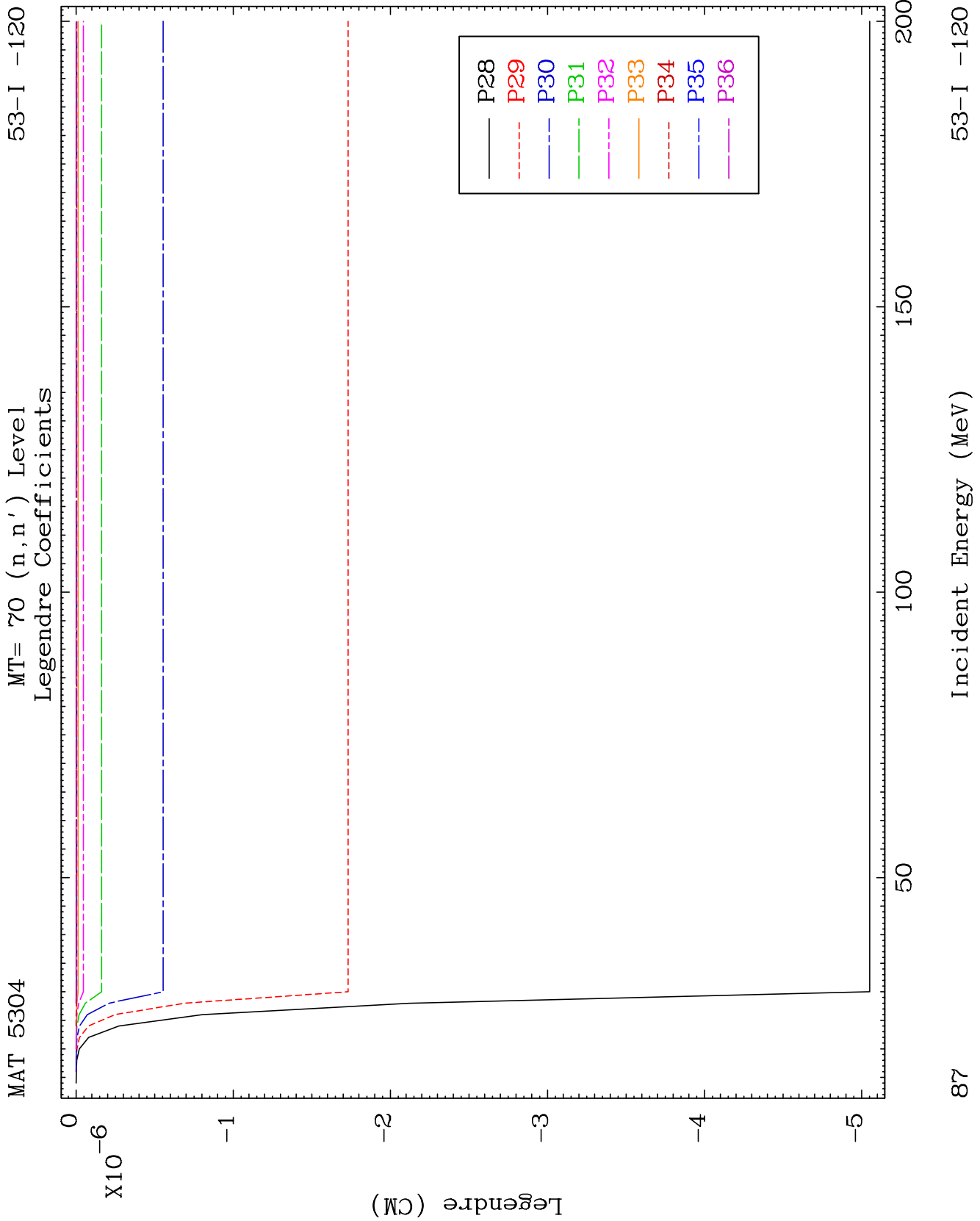


85

Incident Energy (MeV)

53-I -120

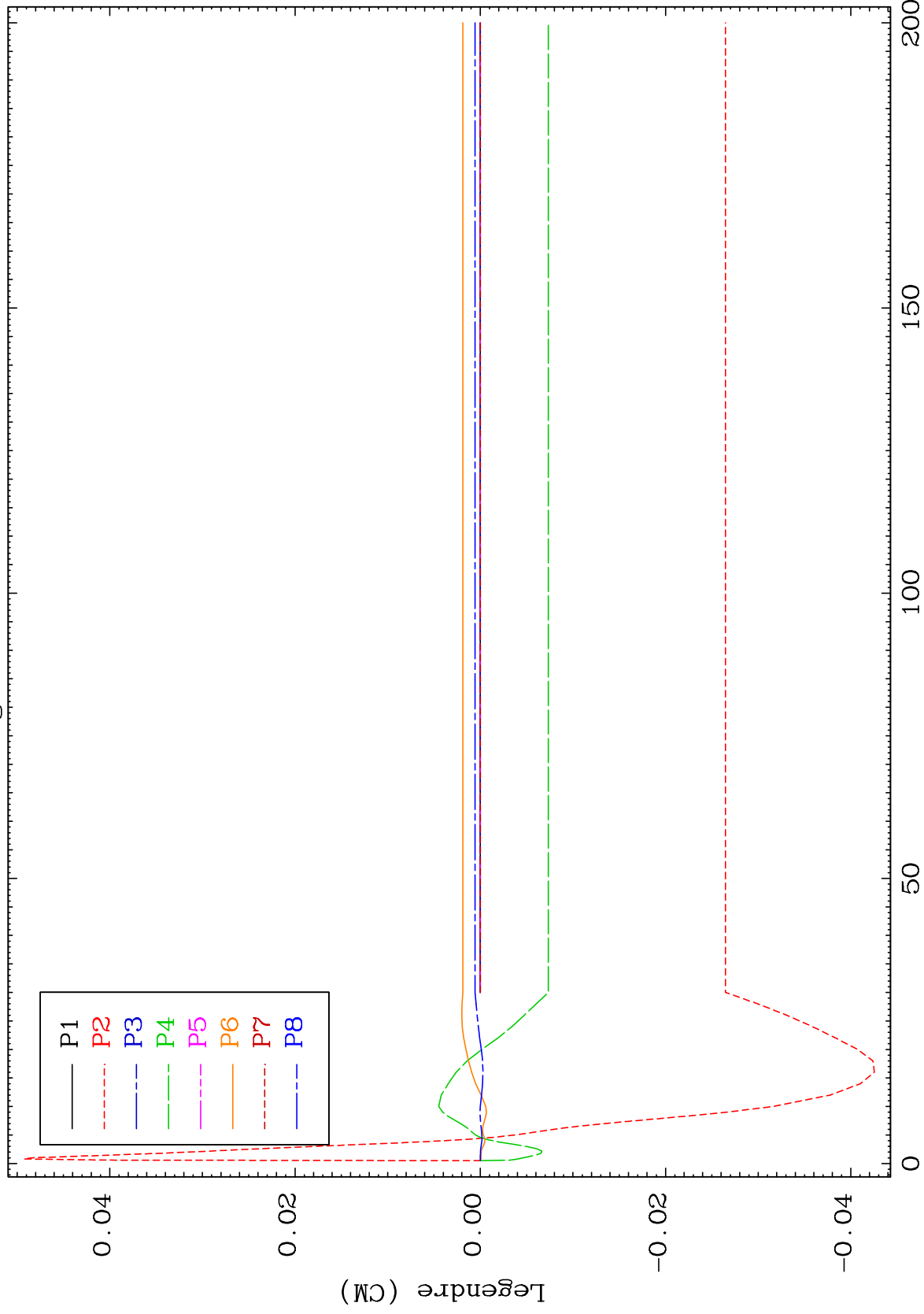




MAT 5304

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

53-I -120



88

Incident Energy (MeV)

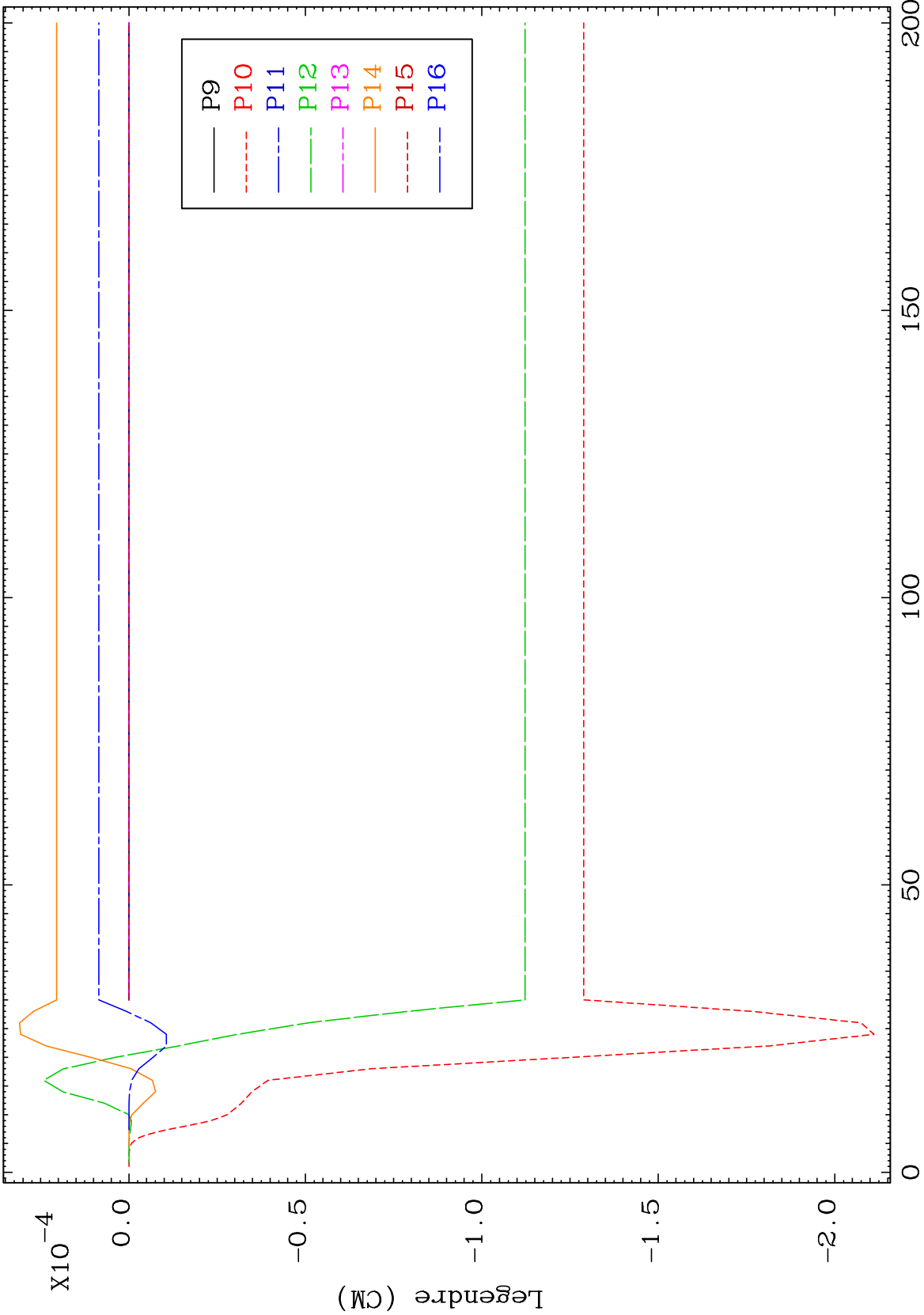
53-I -120

MAT 5304

MT= 71 (n,n') Level

53-I -120

Legendre Coefficients



89

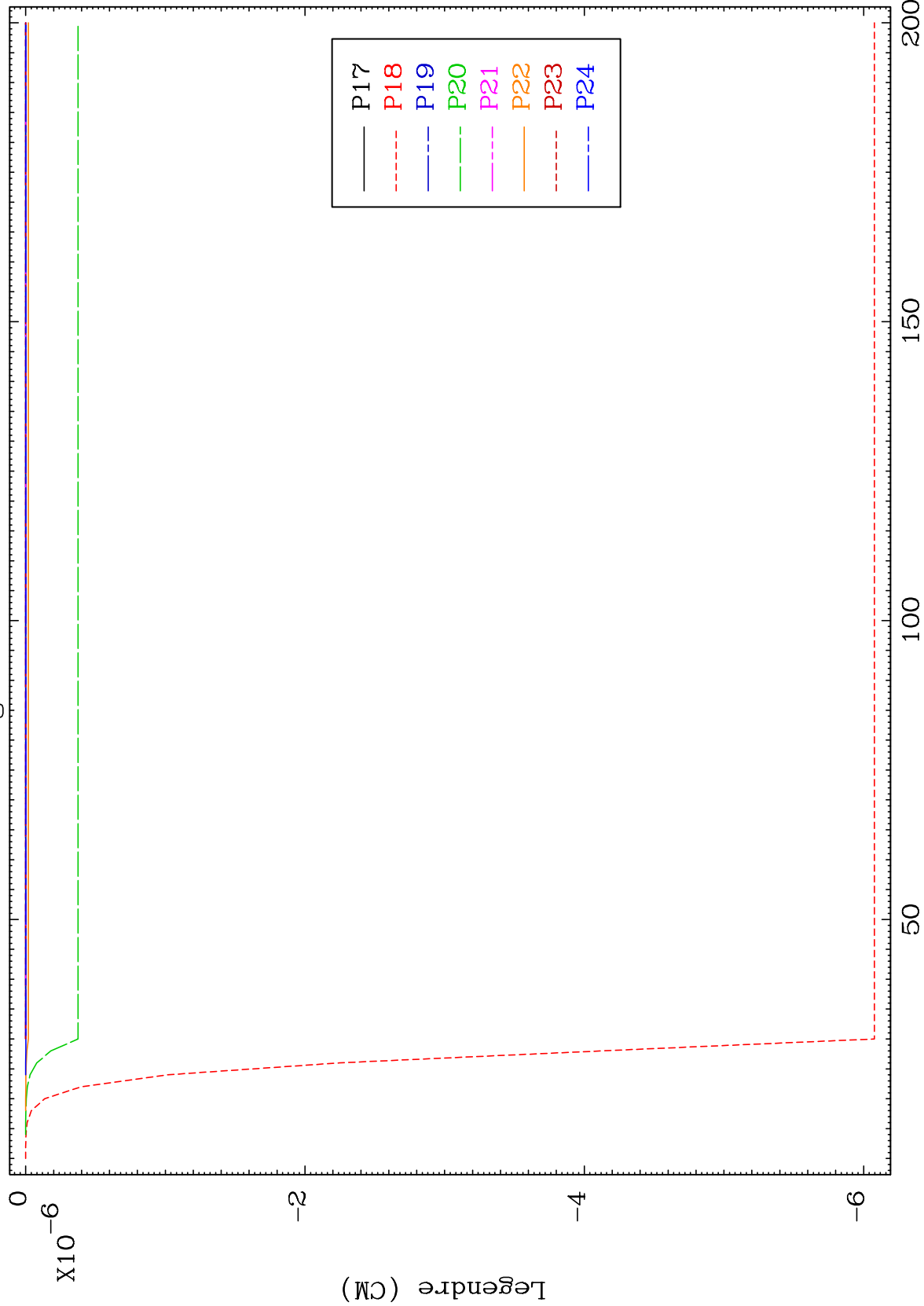
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



90

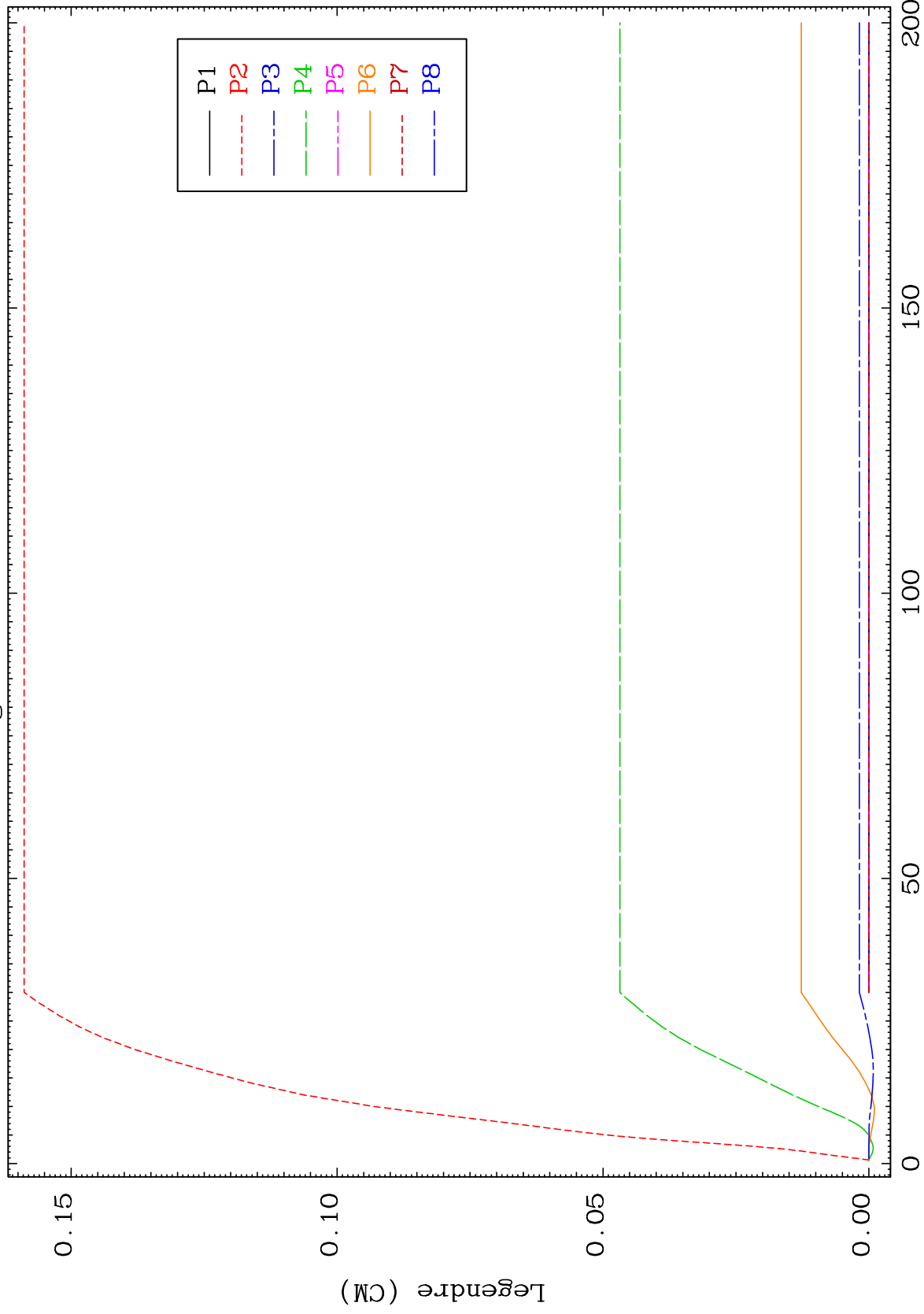
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120



91

Incident Energy (MeV)

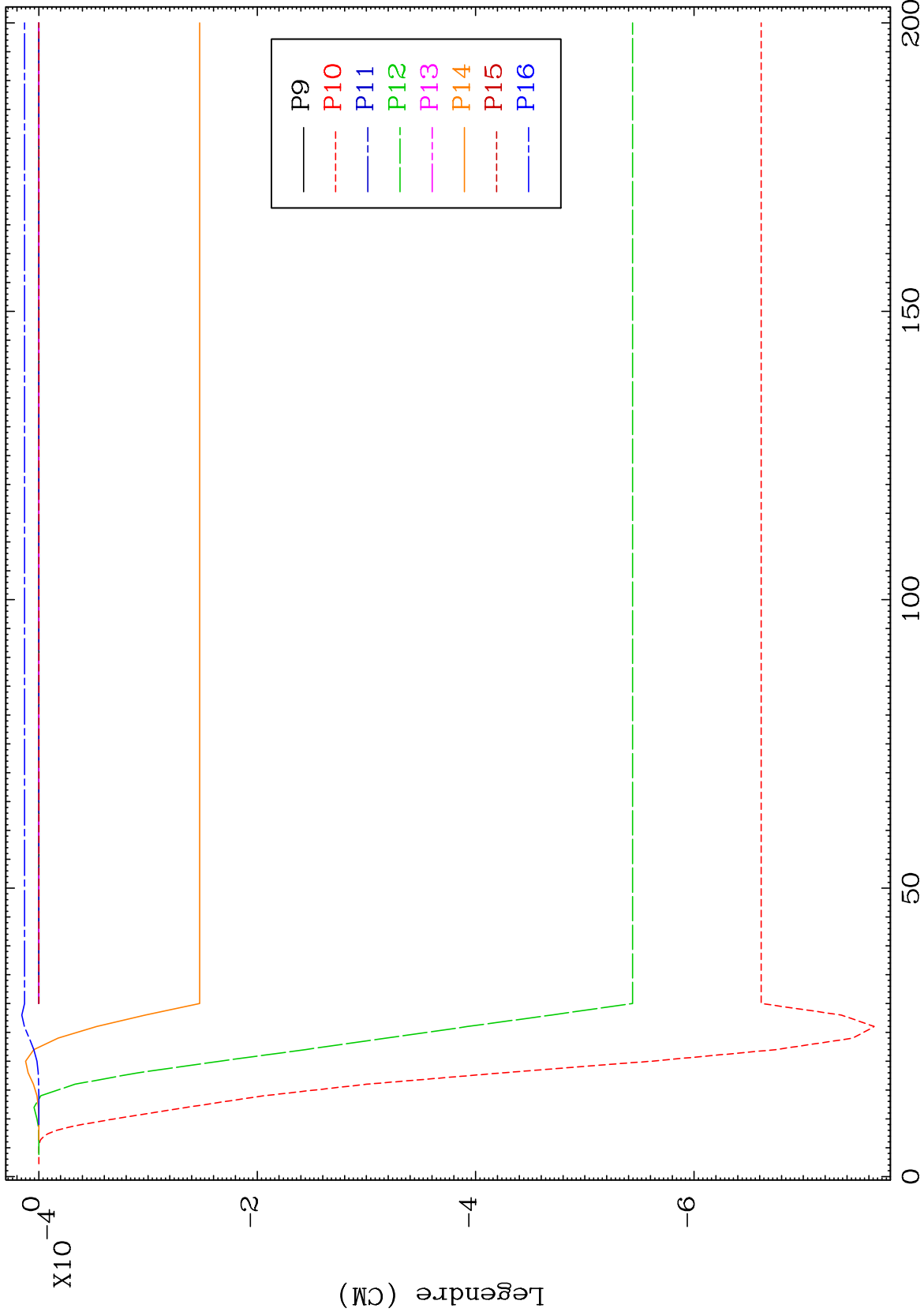
53-I -120

MAT 5304

MT= 72 (n,n') Level

53-I -120

Legendre Coefficients



92

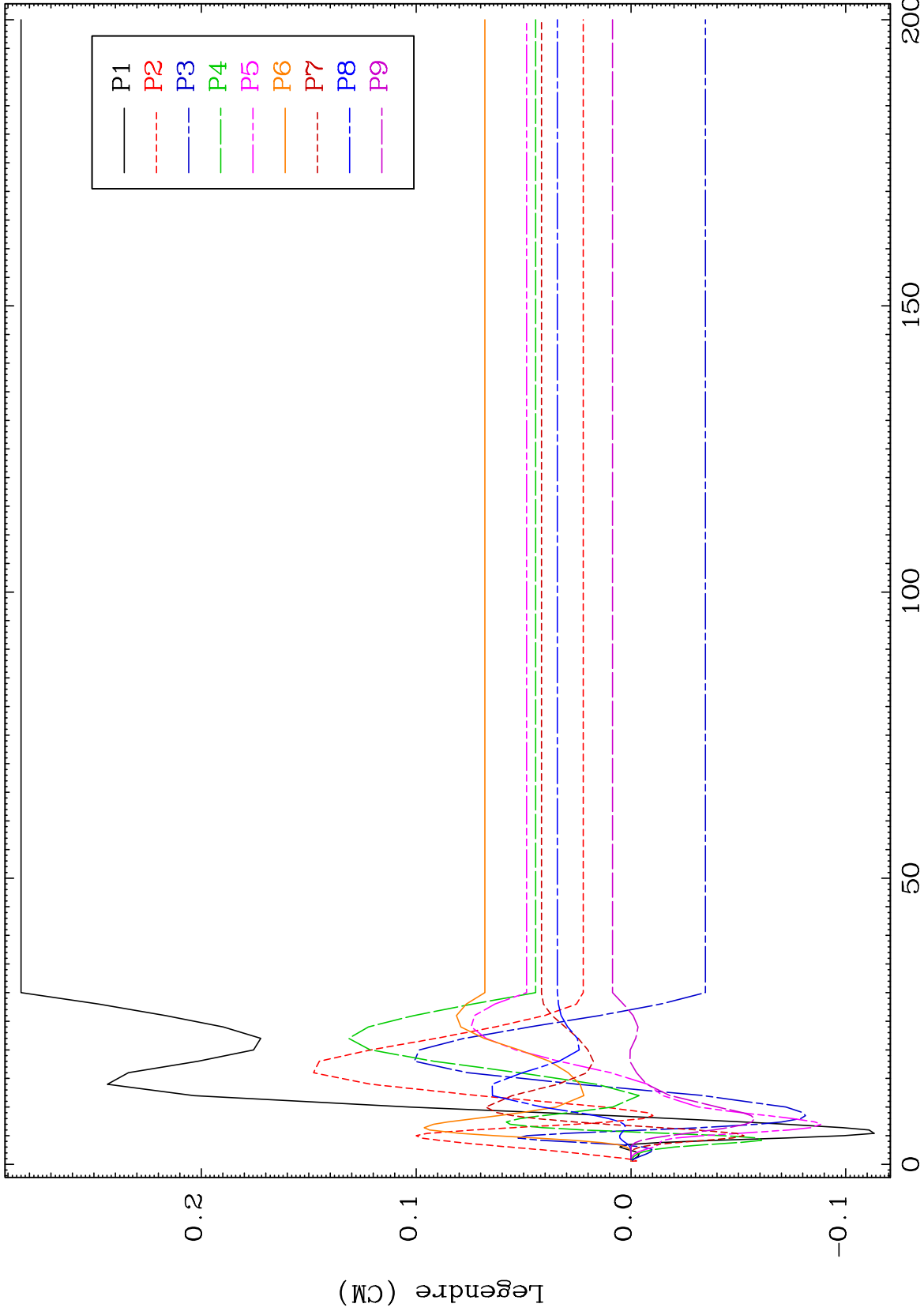
Incident Energy (MeV)

53-I -120

MAT 5304

MT= 73 (n,n') Level
Legendre Coefficients

53-I -120



94

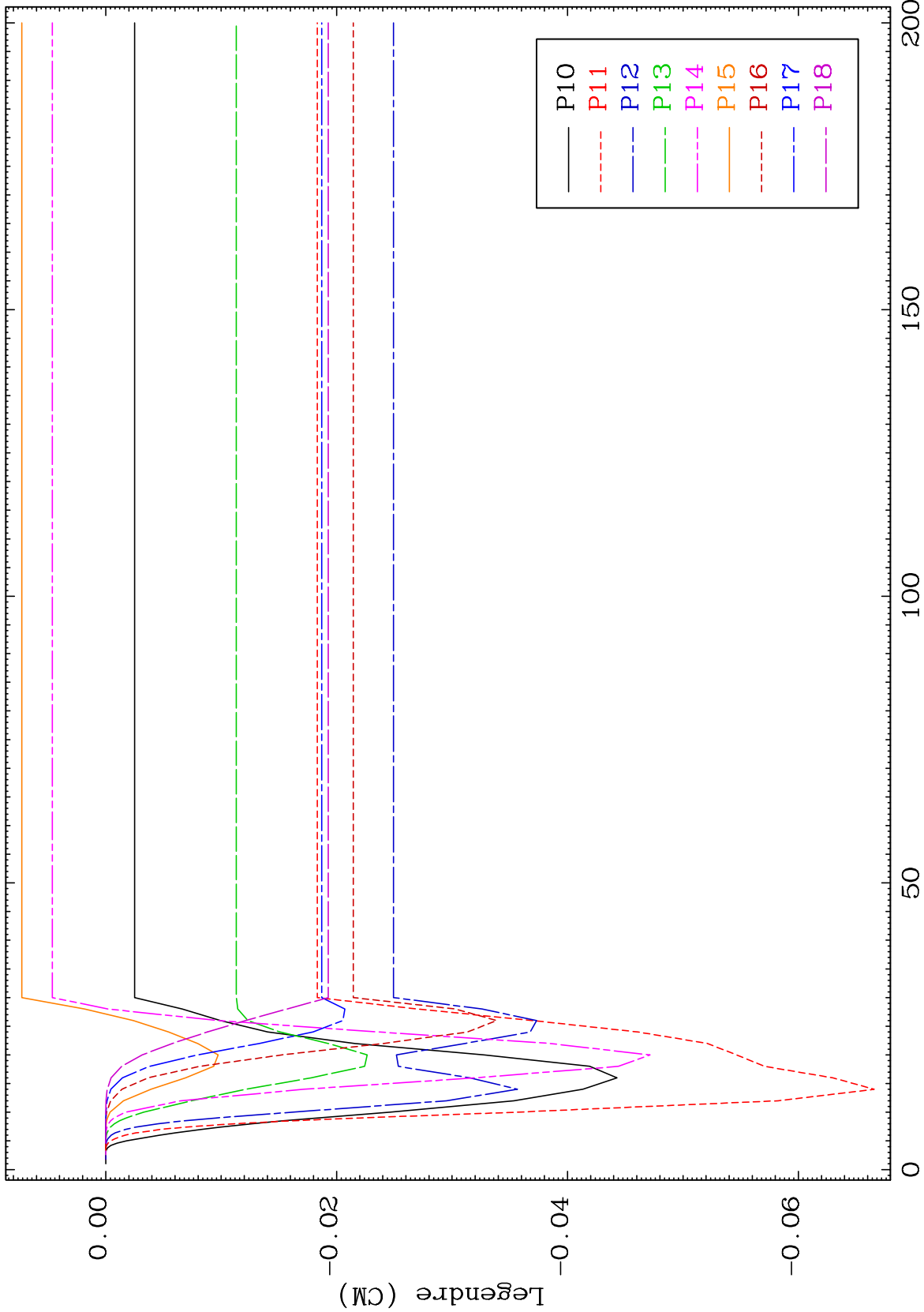
Incident Energy (MeV)

53-I -120

MAT 5304

MT= 73 (n,n') Level
Legendre Coefficients

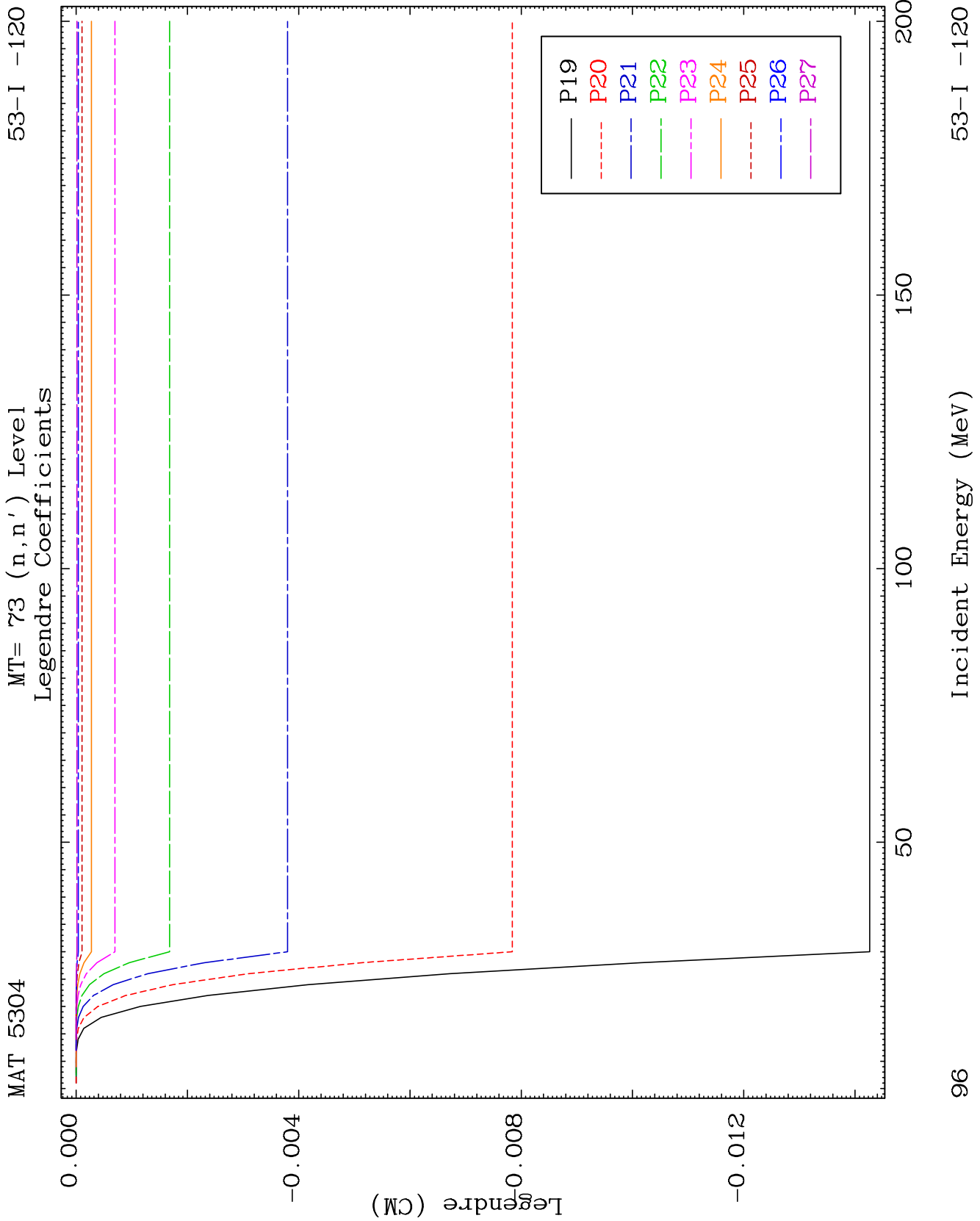
53-I -120



95

Incident Energy (MeV)

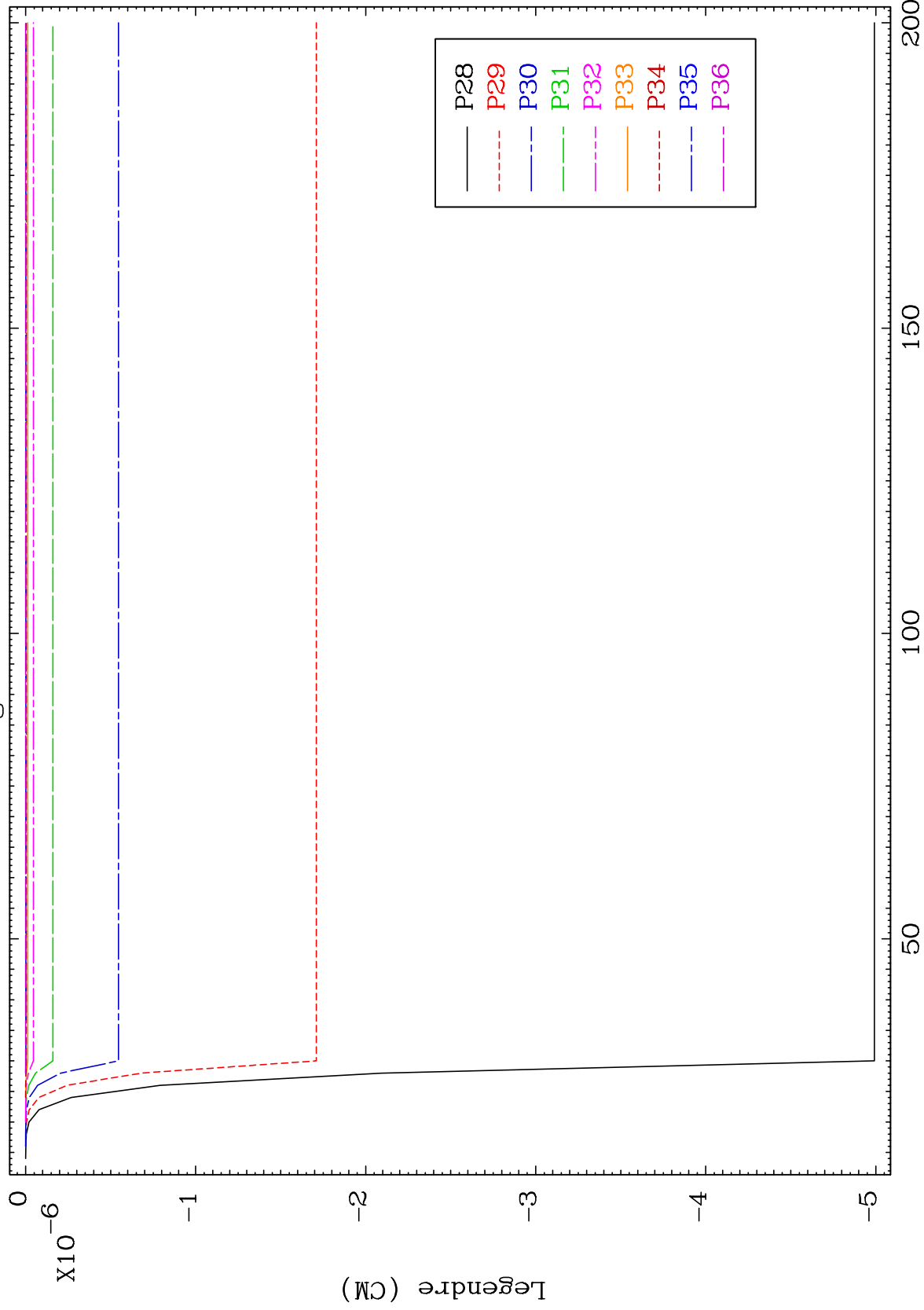
53-I -120



MAT 5304

MT= 73 (n,n') Level
Legendre Coefficients

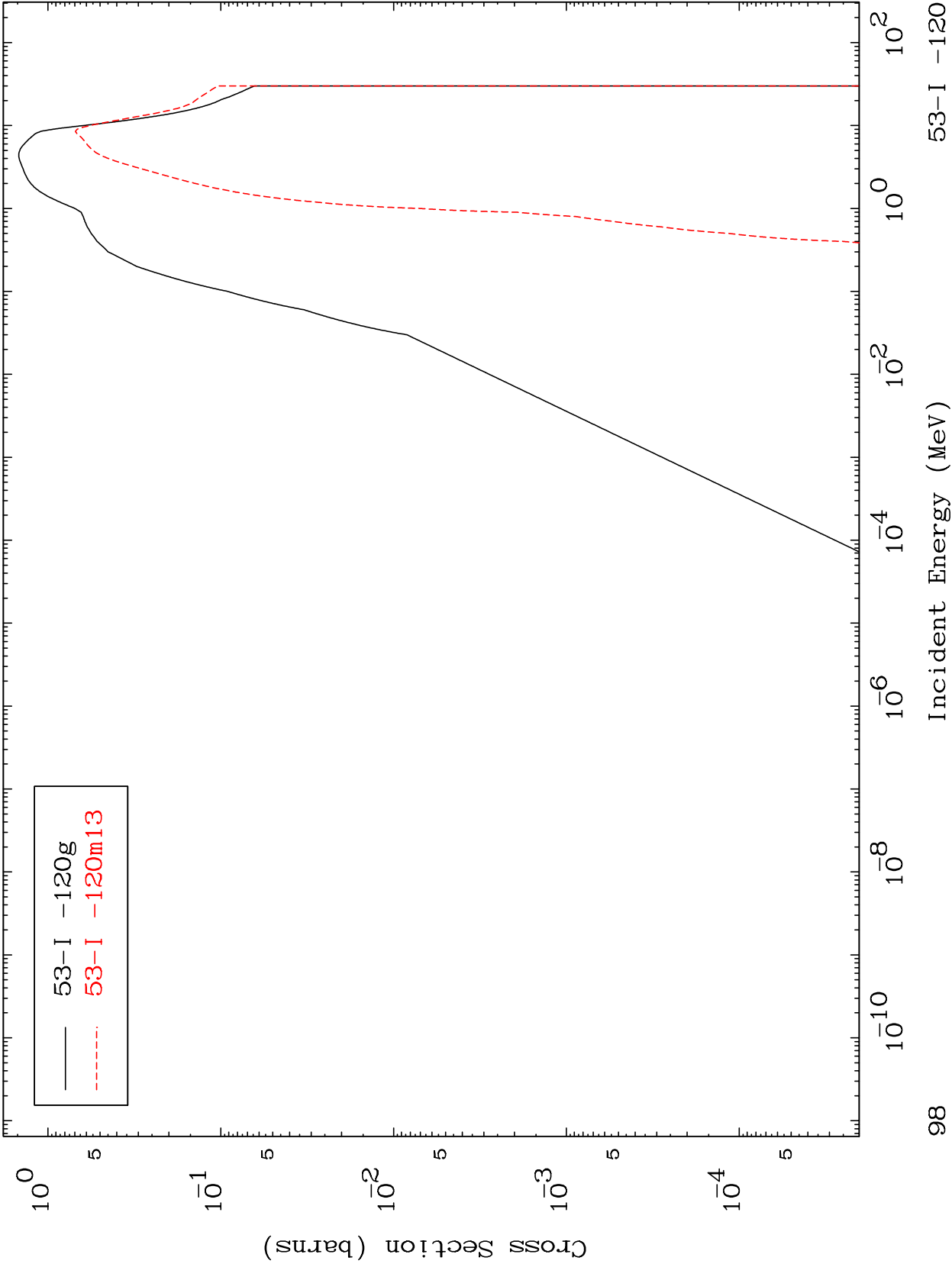
53-I -120



MAT 5304

Inelastic
Radionuclide Production Cross Section

53-I -120



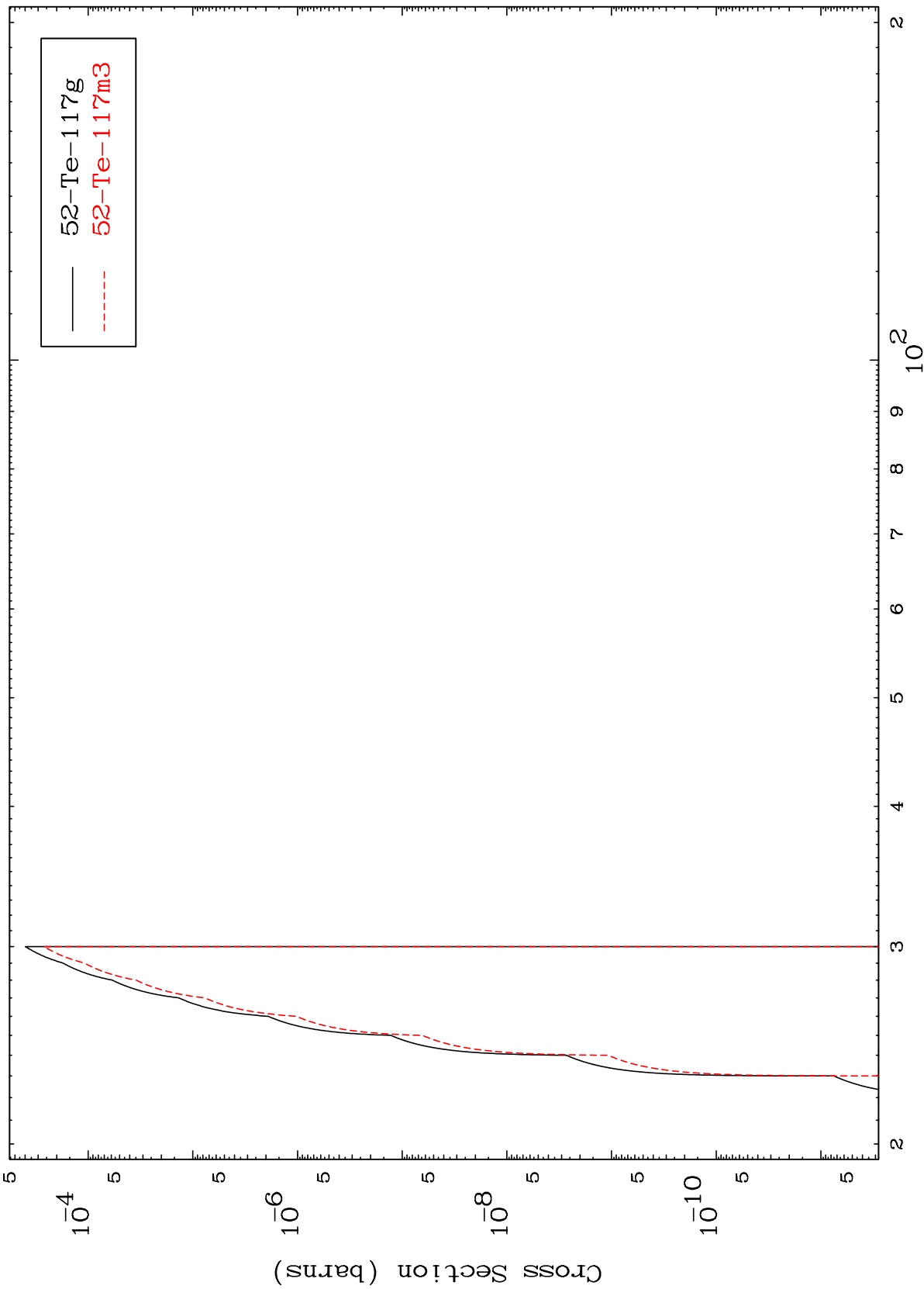
53-I -120g
53-I -120m13

MAT 5304

(n,2n) d

53-I -120

Radionuclide Production Cross Section



99

Incident Energy (MeV)

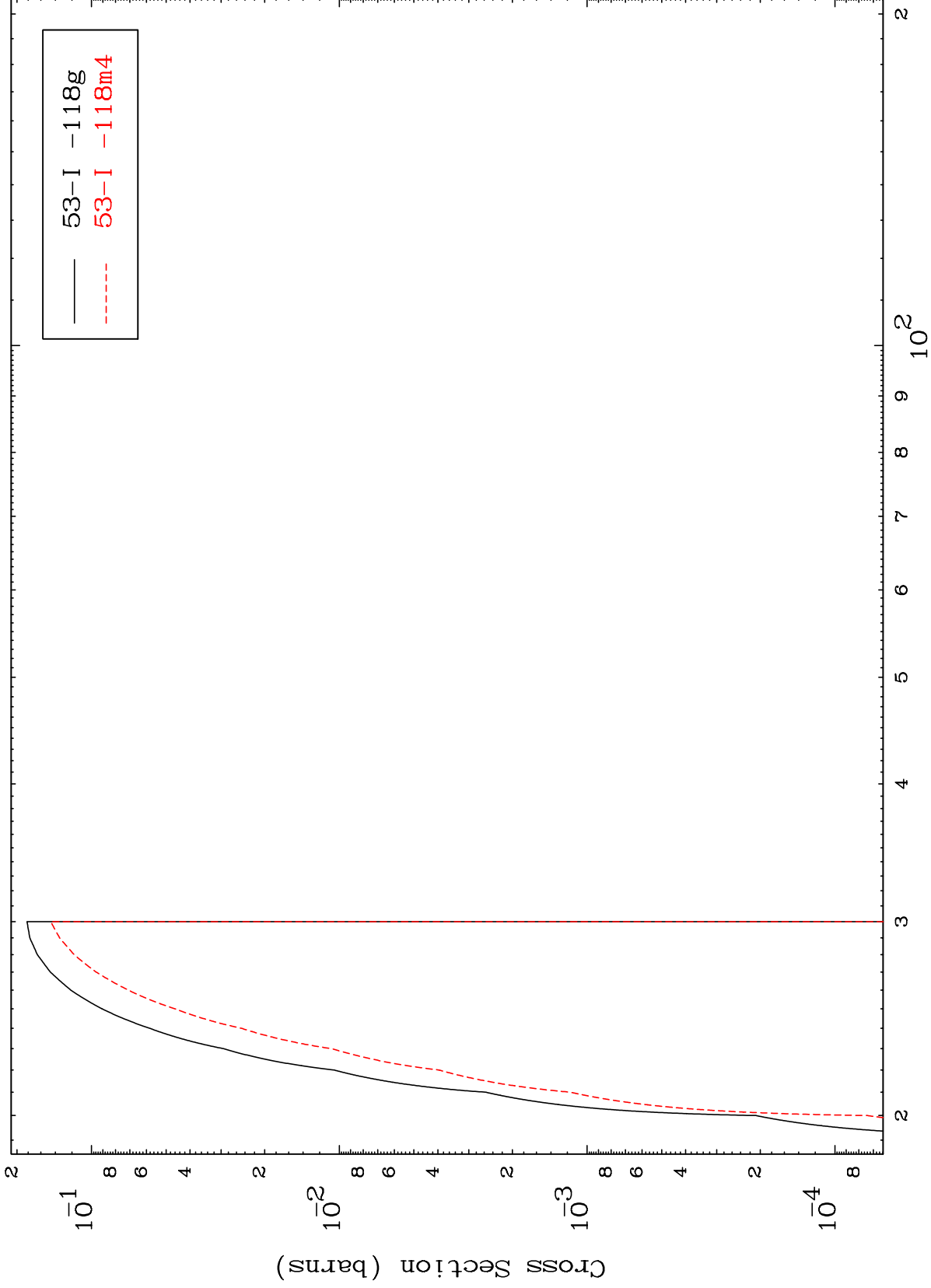
53-I -120

MAT 5304

(n,3n)

53-I -120

Radionuclide Production Cross Section



100

Incident Energy (MeV)

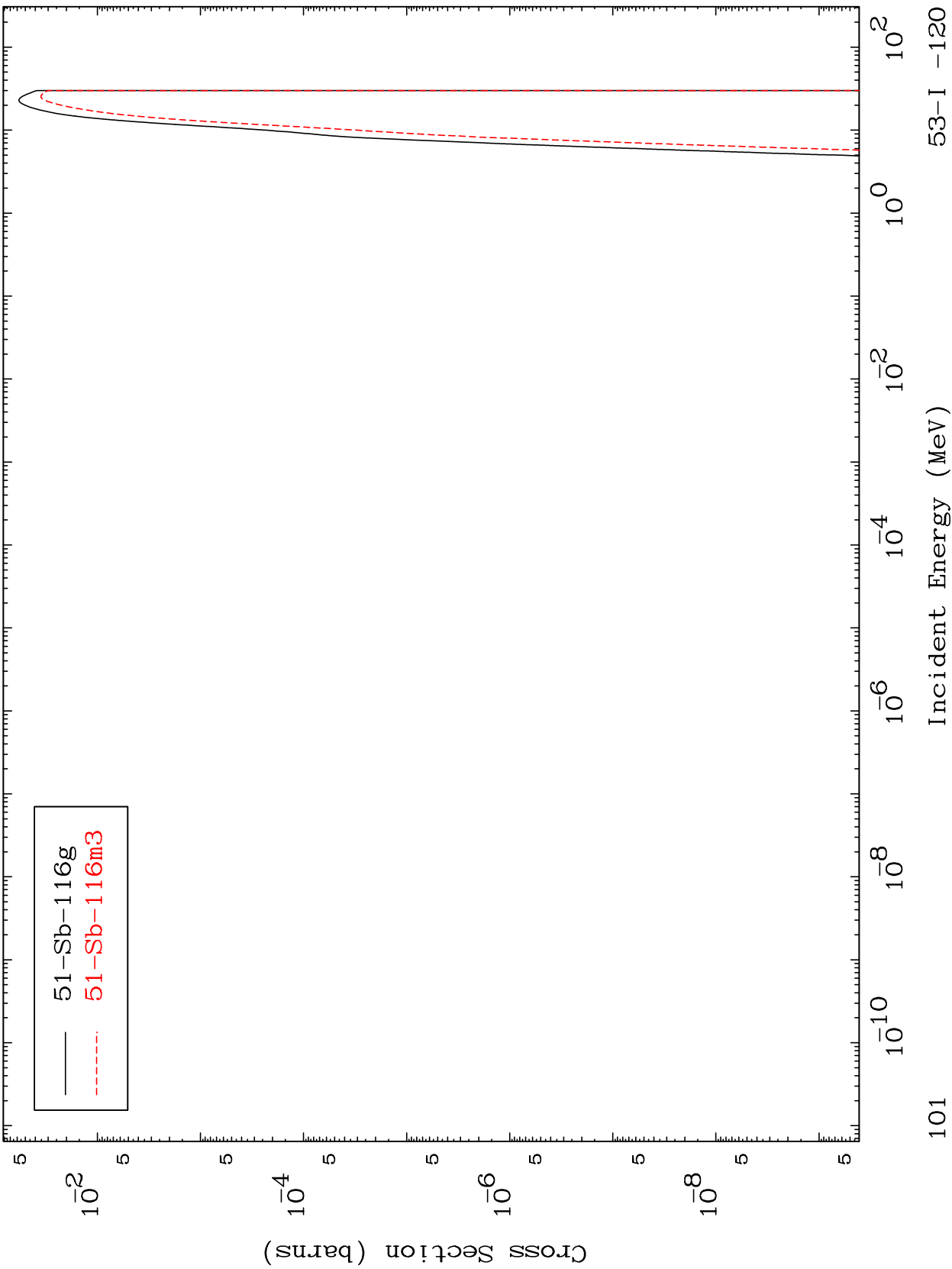
53-I -120

MAT 5304

(n,n') α

53-I -120

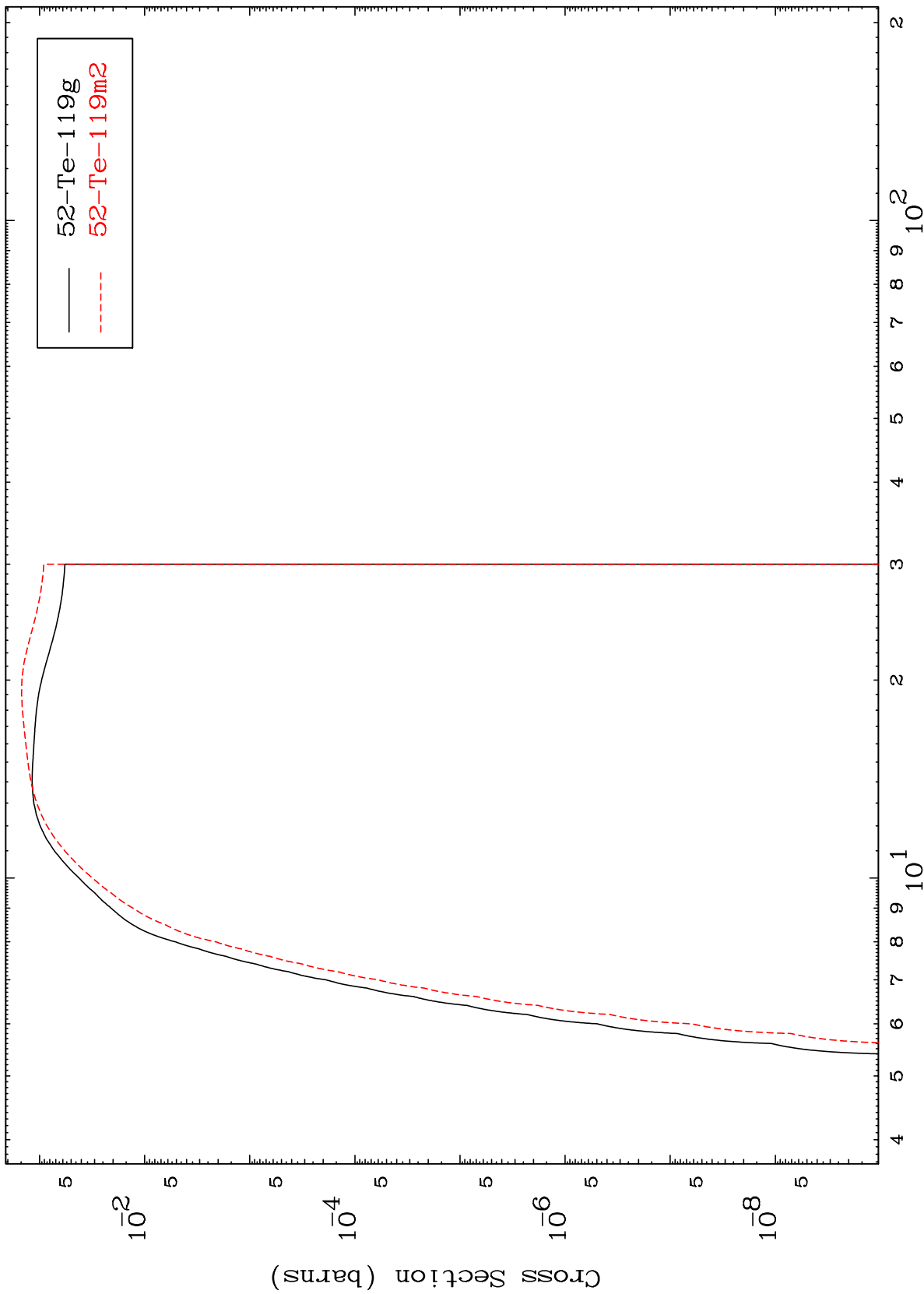
Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

101

(n,n') p
Radionuclide Production Cross Section

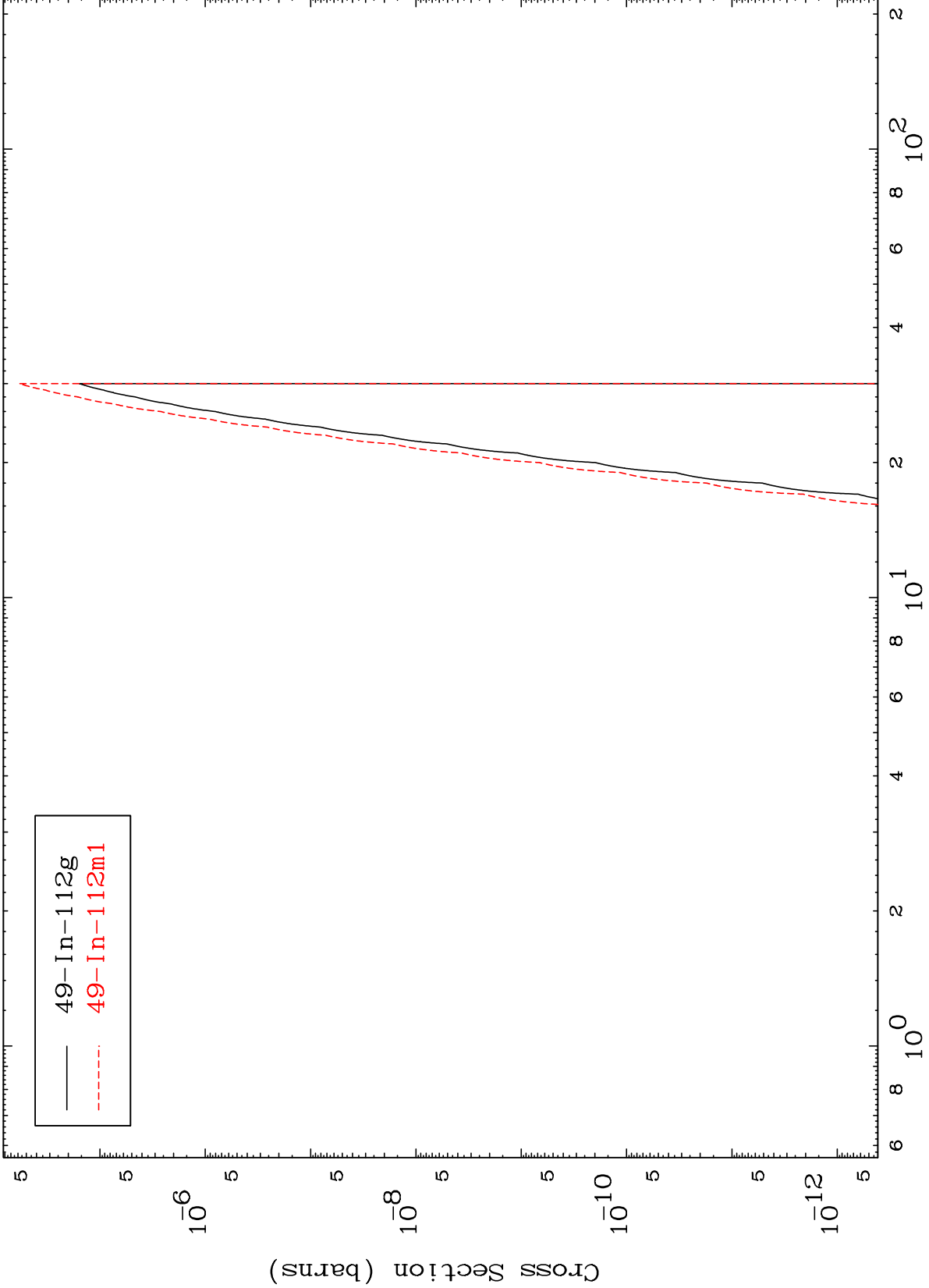


MAT 5304

(n,n') 2α

53-I -120

Radionuclide Production Cross Section



— 49-In-112g
- - - 49-In-112m1

103

Incident Energy (MeV)

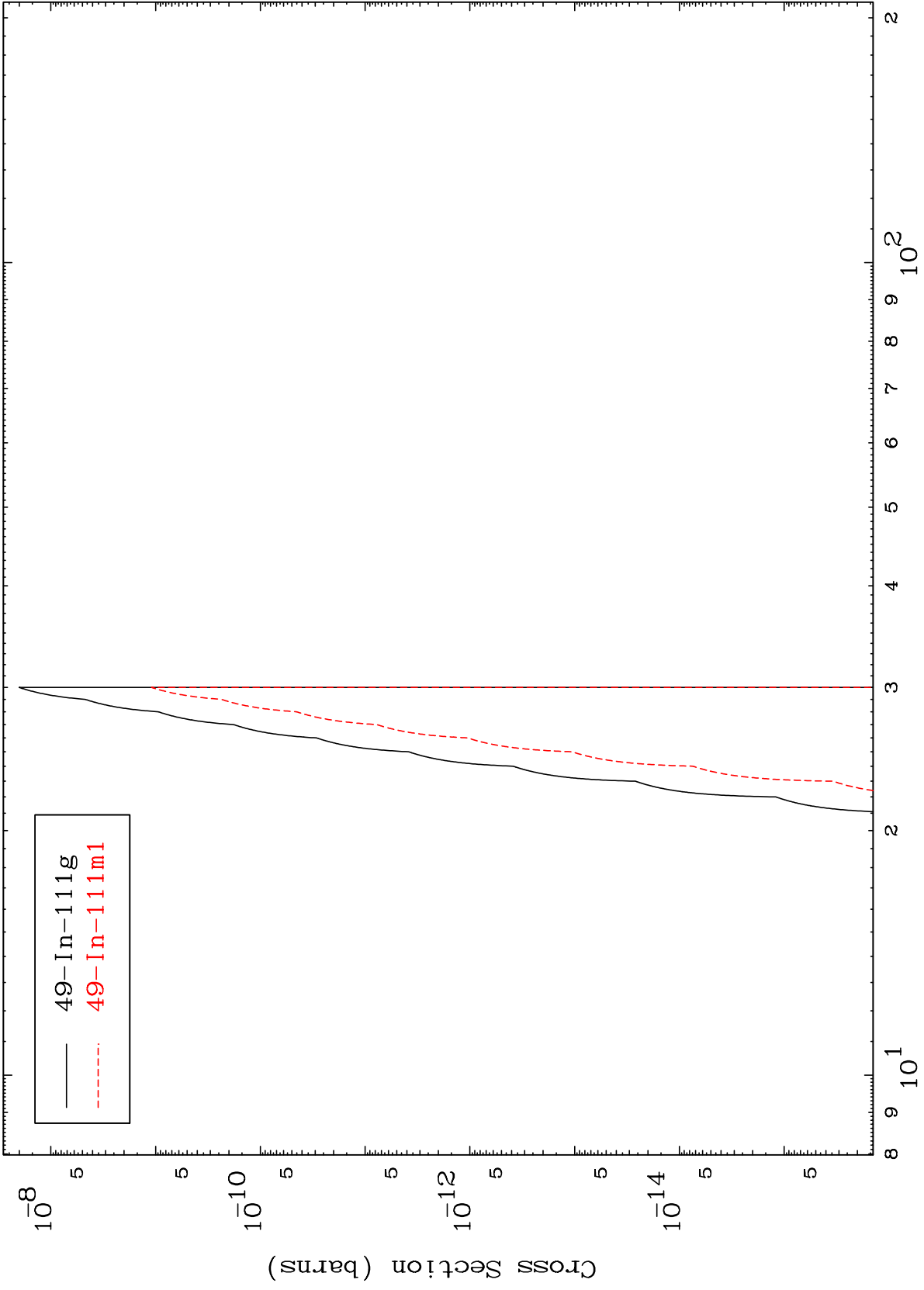
53-I -120

MAT 5304

(n,2n) 2α

53-I -120

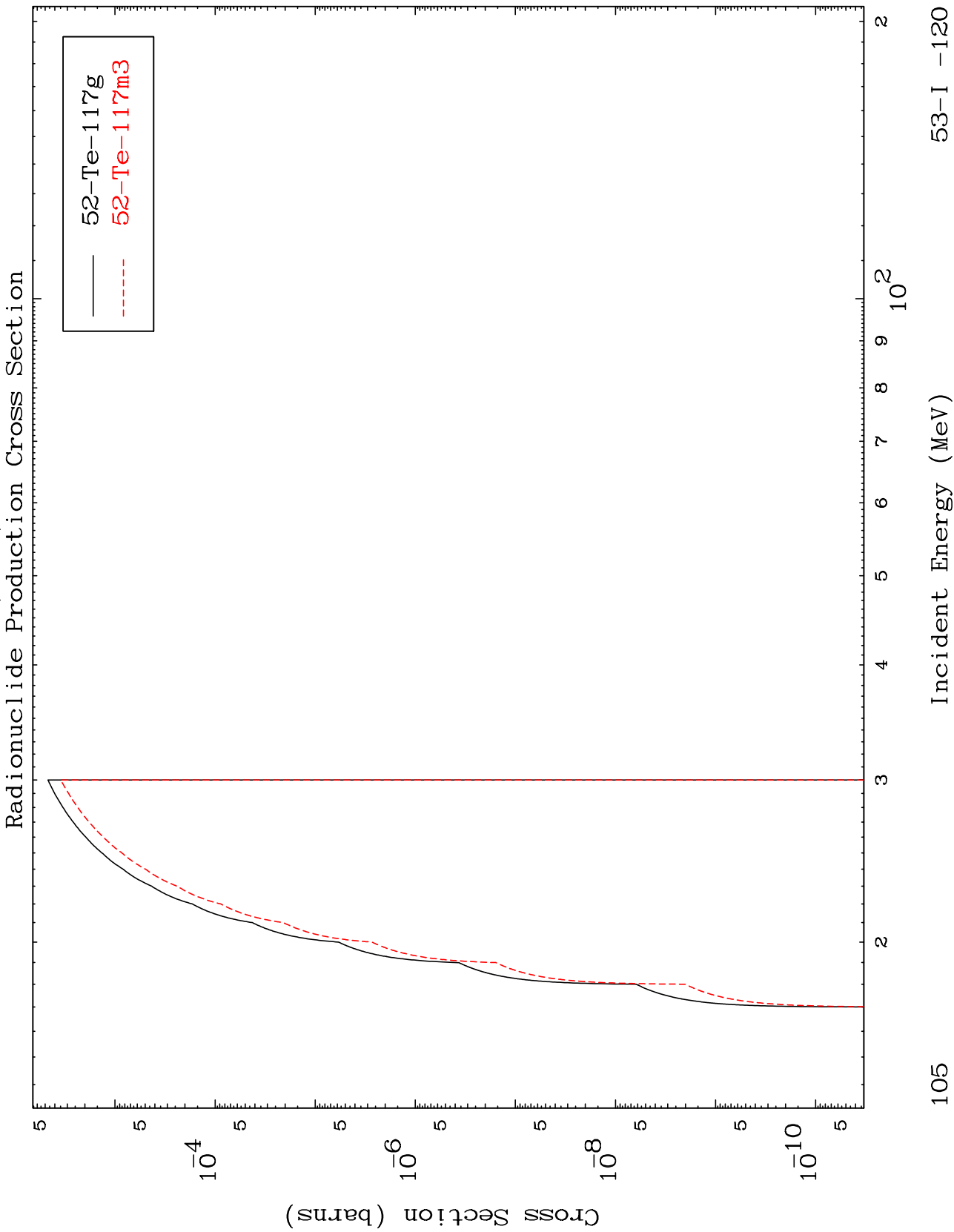
Radionuclide Production Cross Section



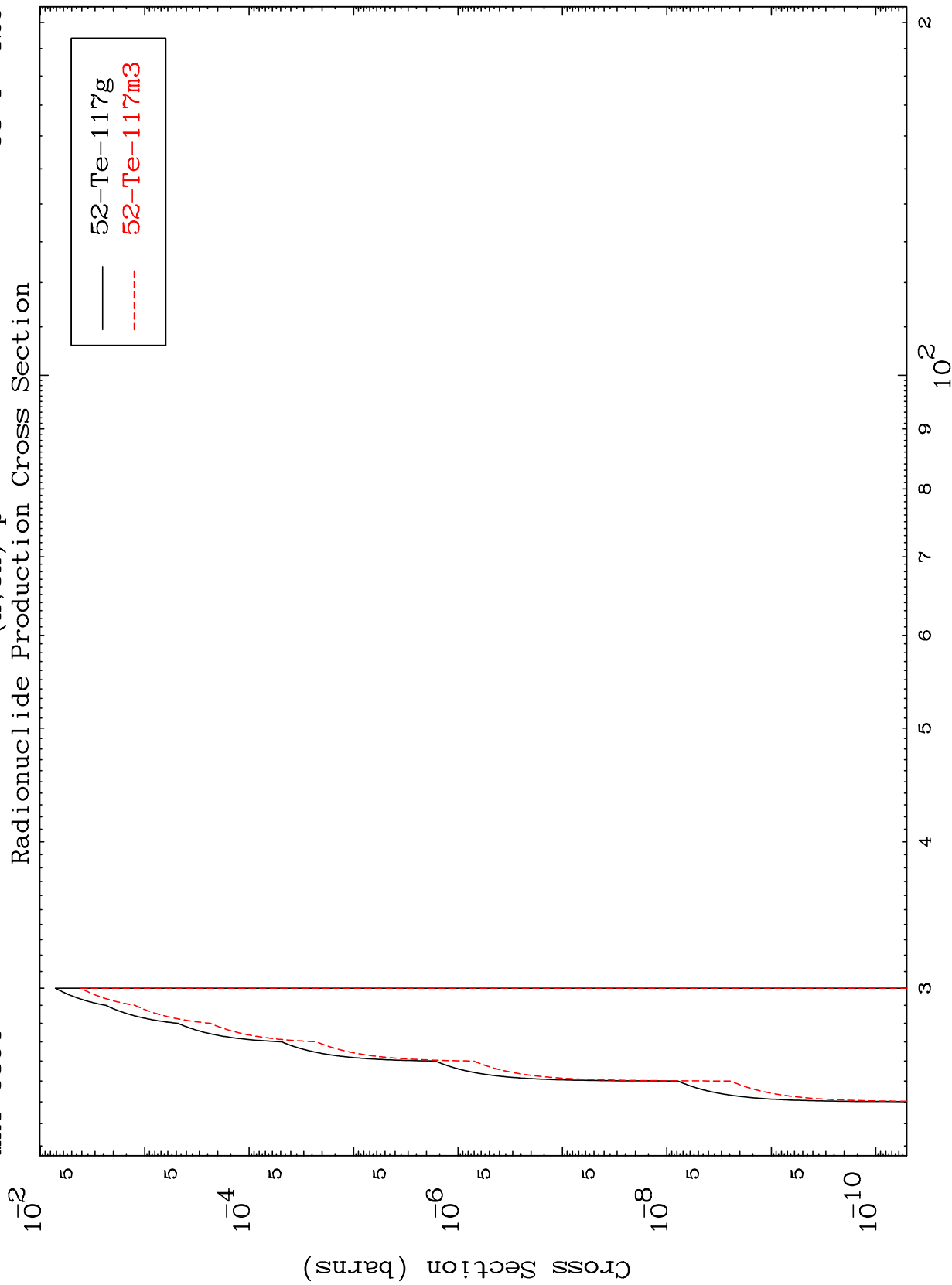
104

Incident Energy (MeV)

53-I -120



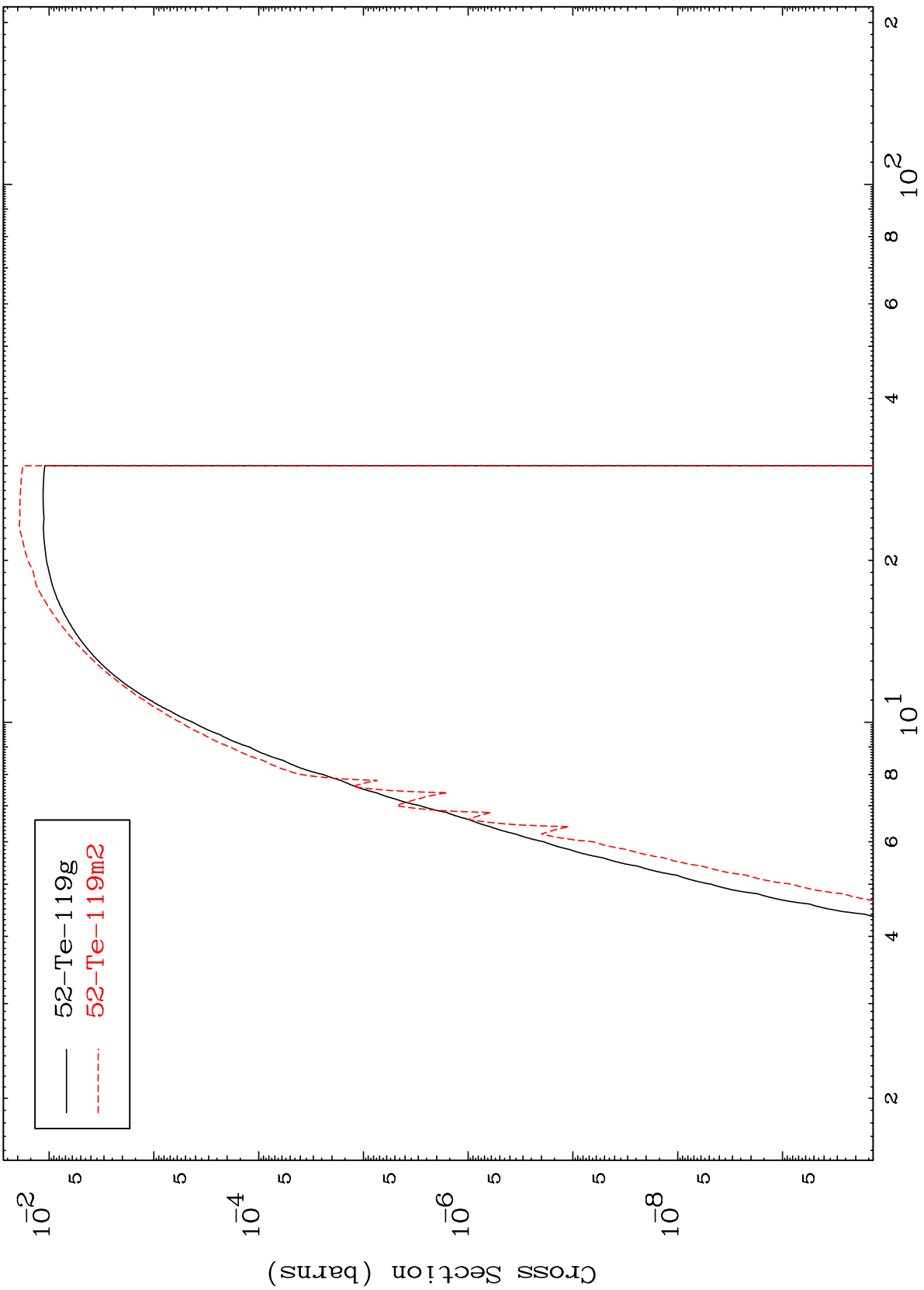
Radionuclide Production Cross Section



MAT 5304

53-I -120

(n,d)
Radionuclide Production Cross Section



107

53-I -120

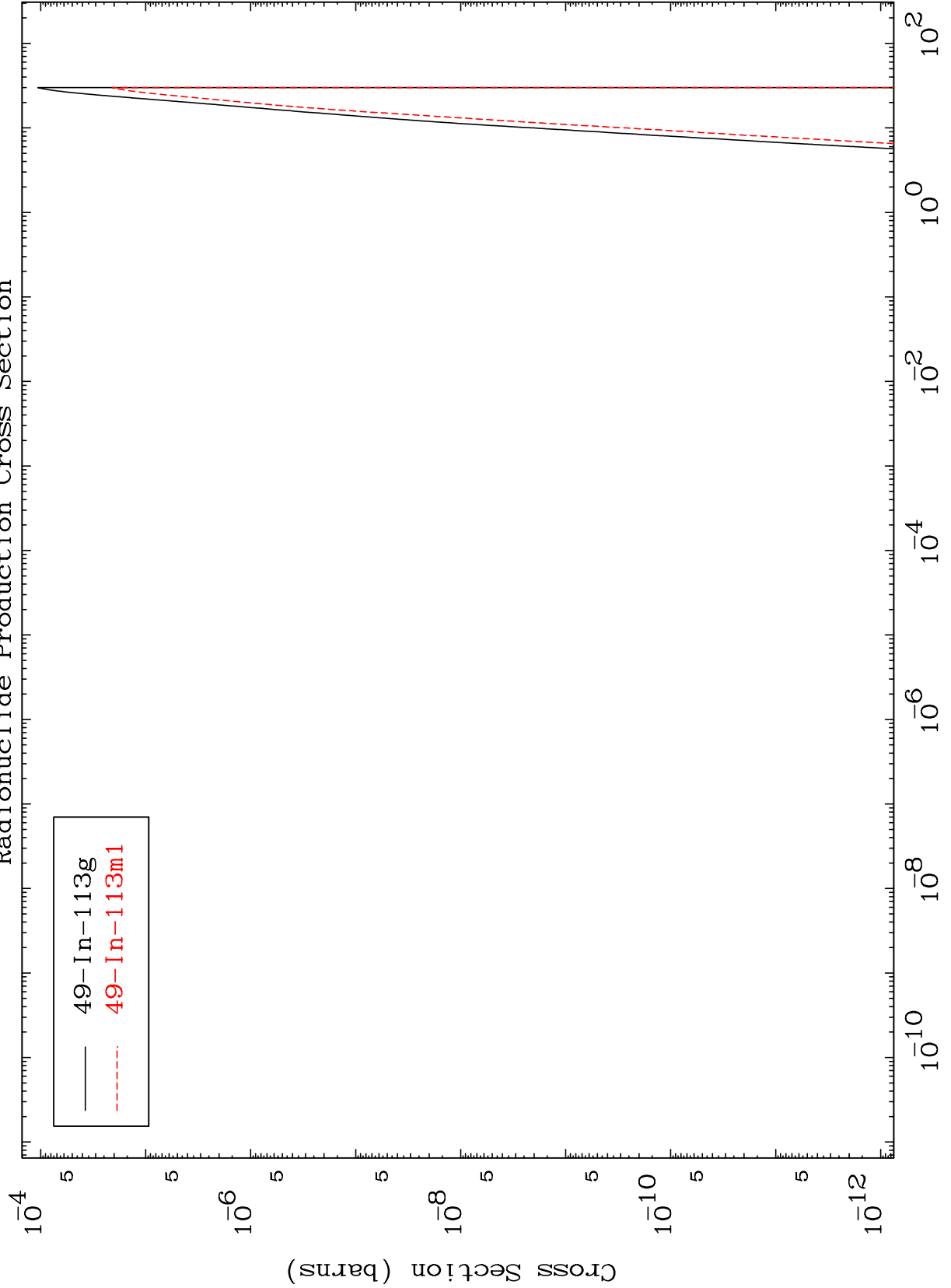
Incident Energy (MeV)

MAT 5304

(n,2α)

53-I -120

Radionuclide Production Cross Section



— 49-In-113g
- - - 49-In-113m1