

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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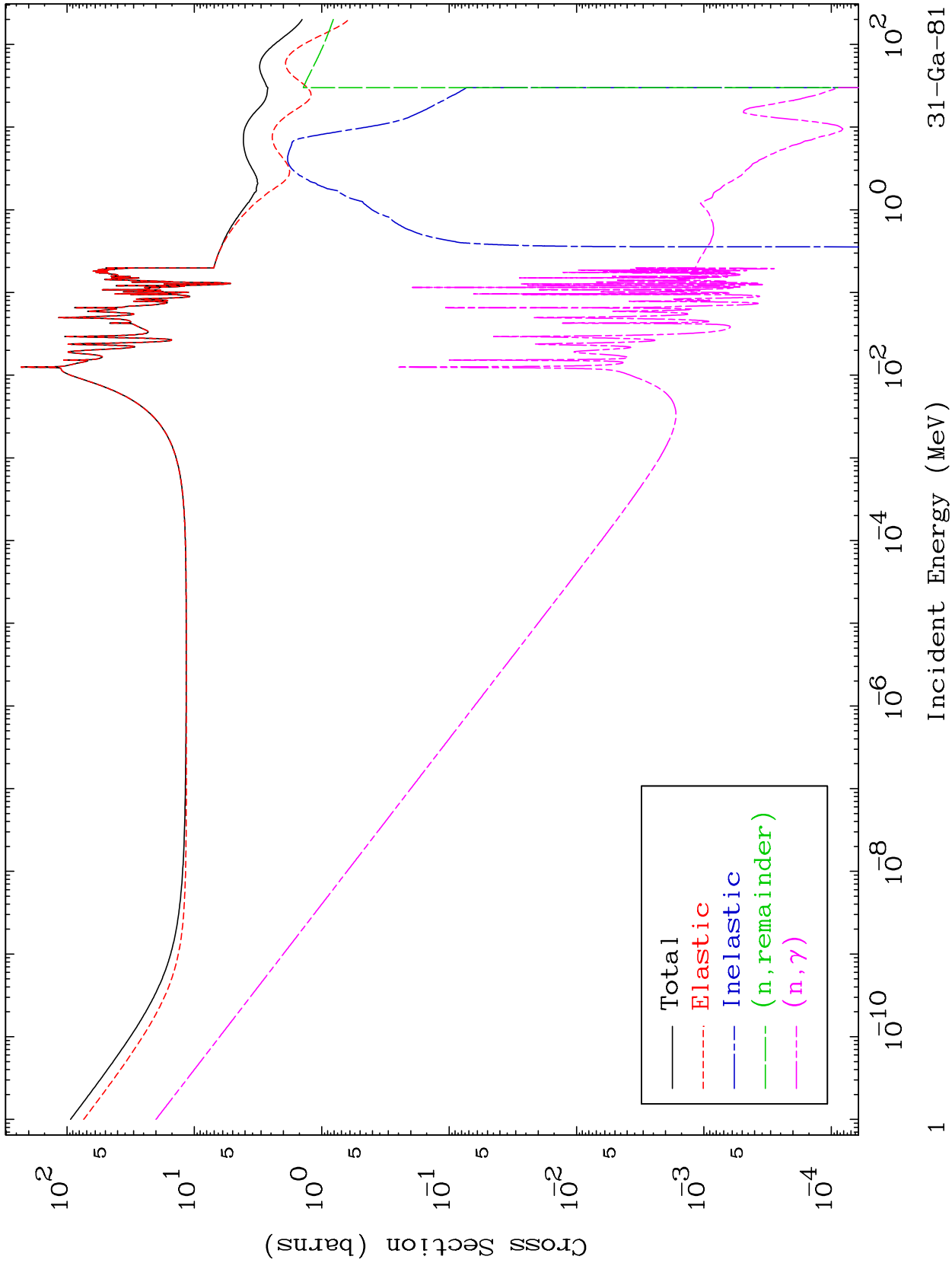
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3161

Major
293 Kelvin Cross Sections

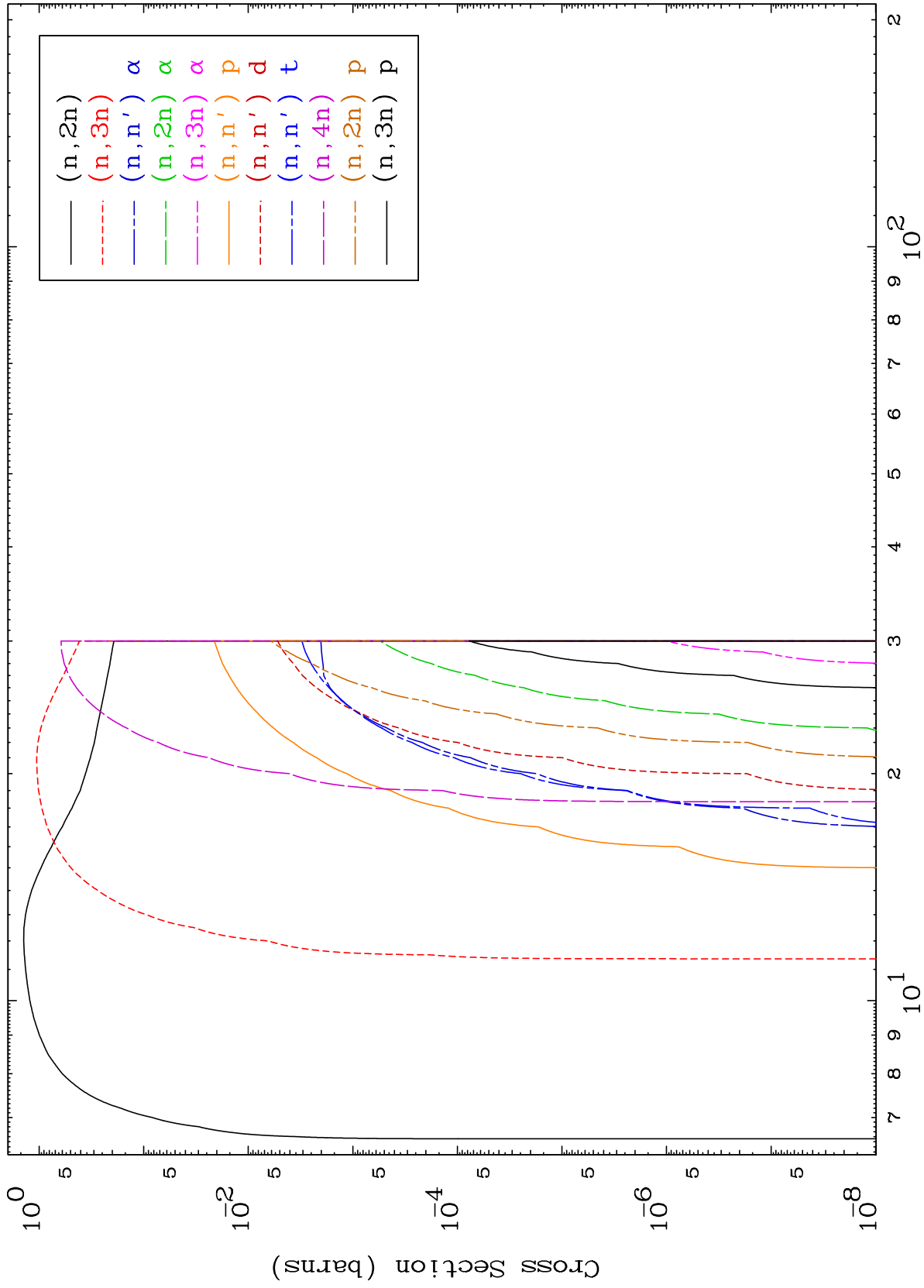
31-Ga-81



MAT 3161

Neutron Production
293 Kelvin Cross Sections

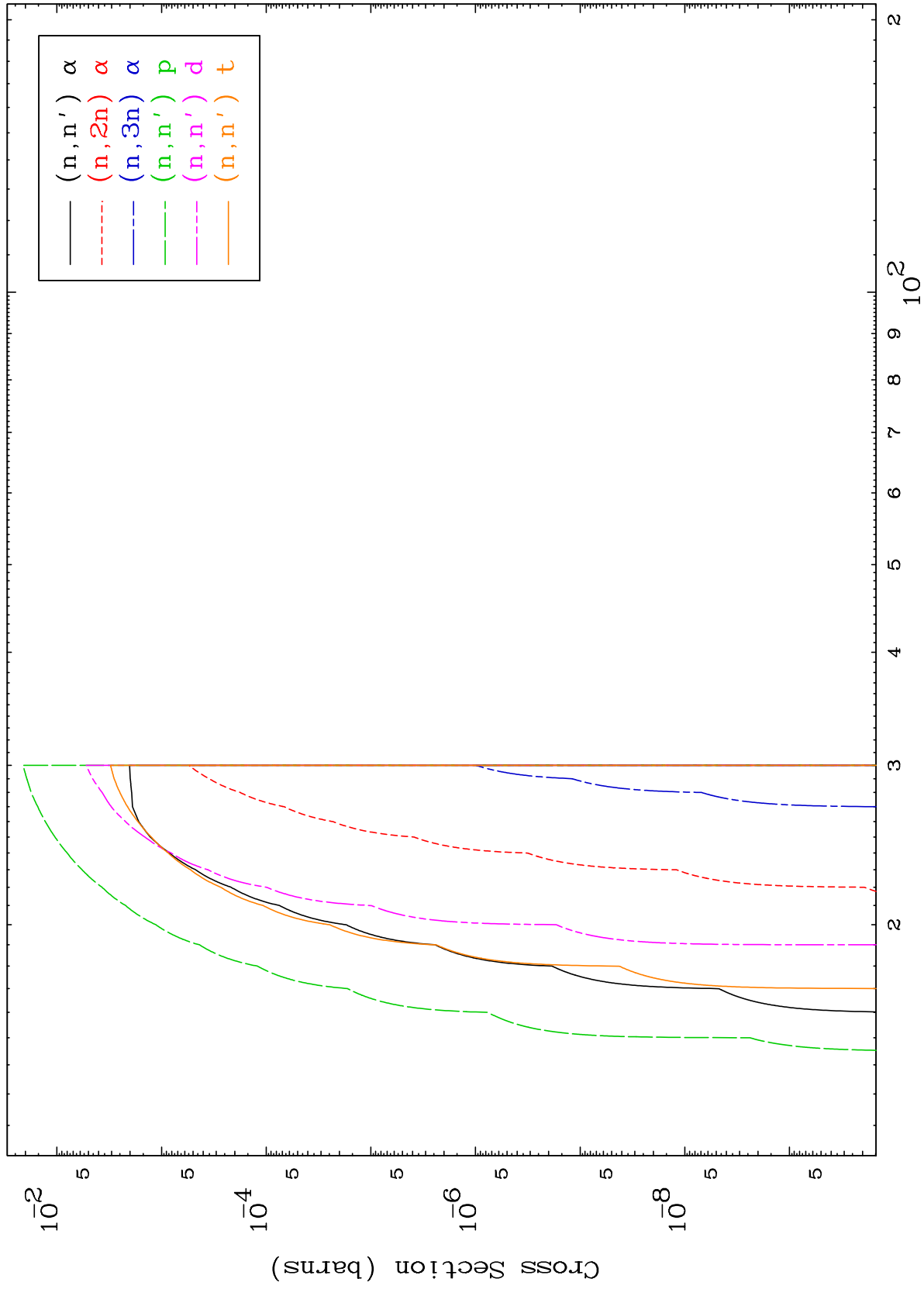
31-Ga-81

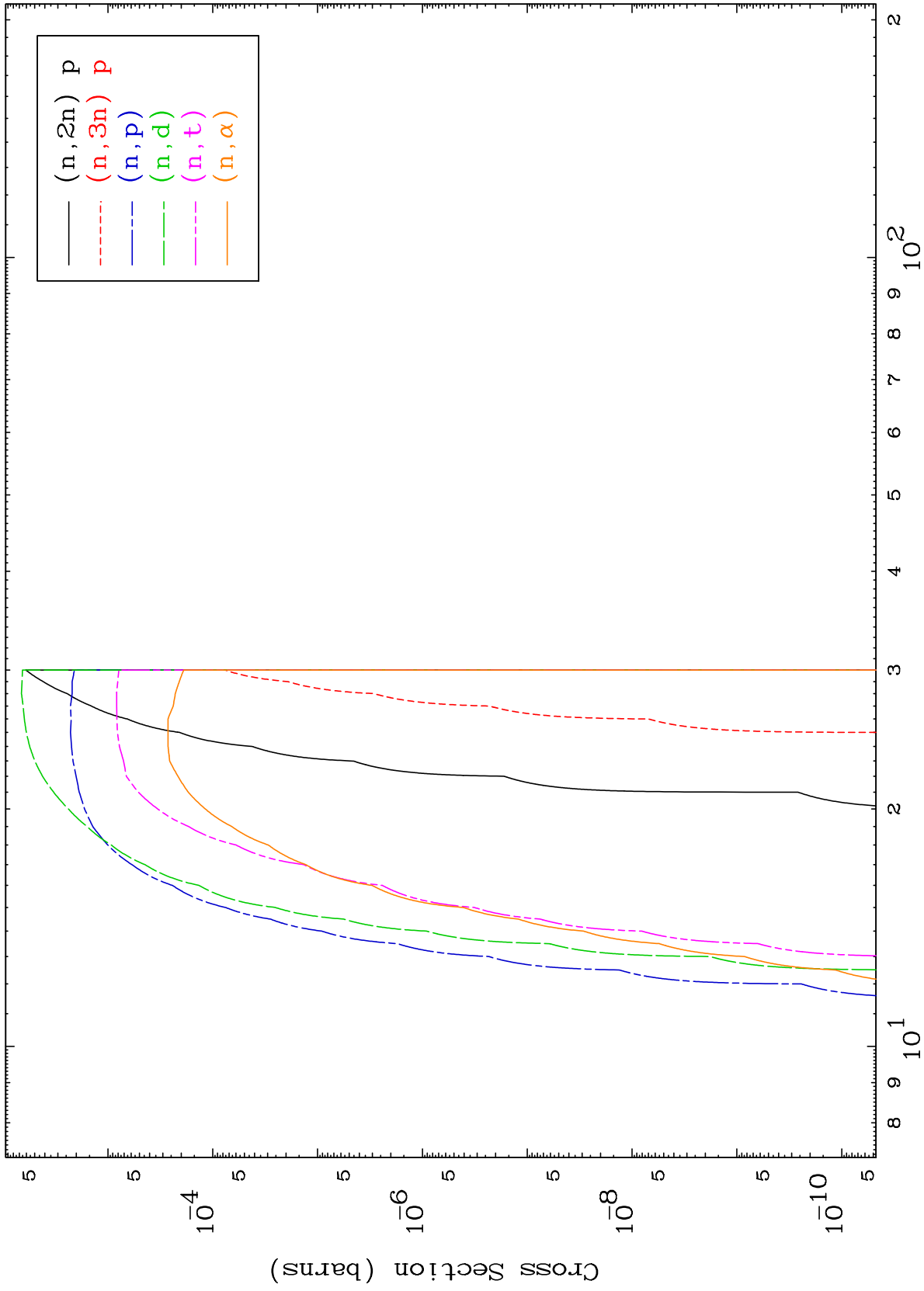


2

Incident Energy (MeV)

31-Ga-81

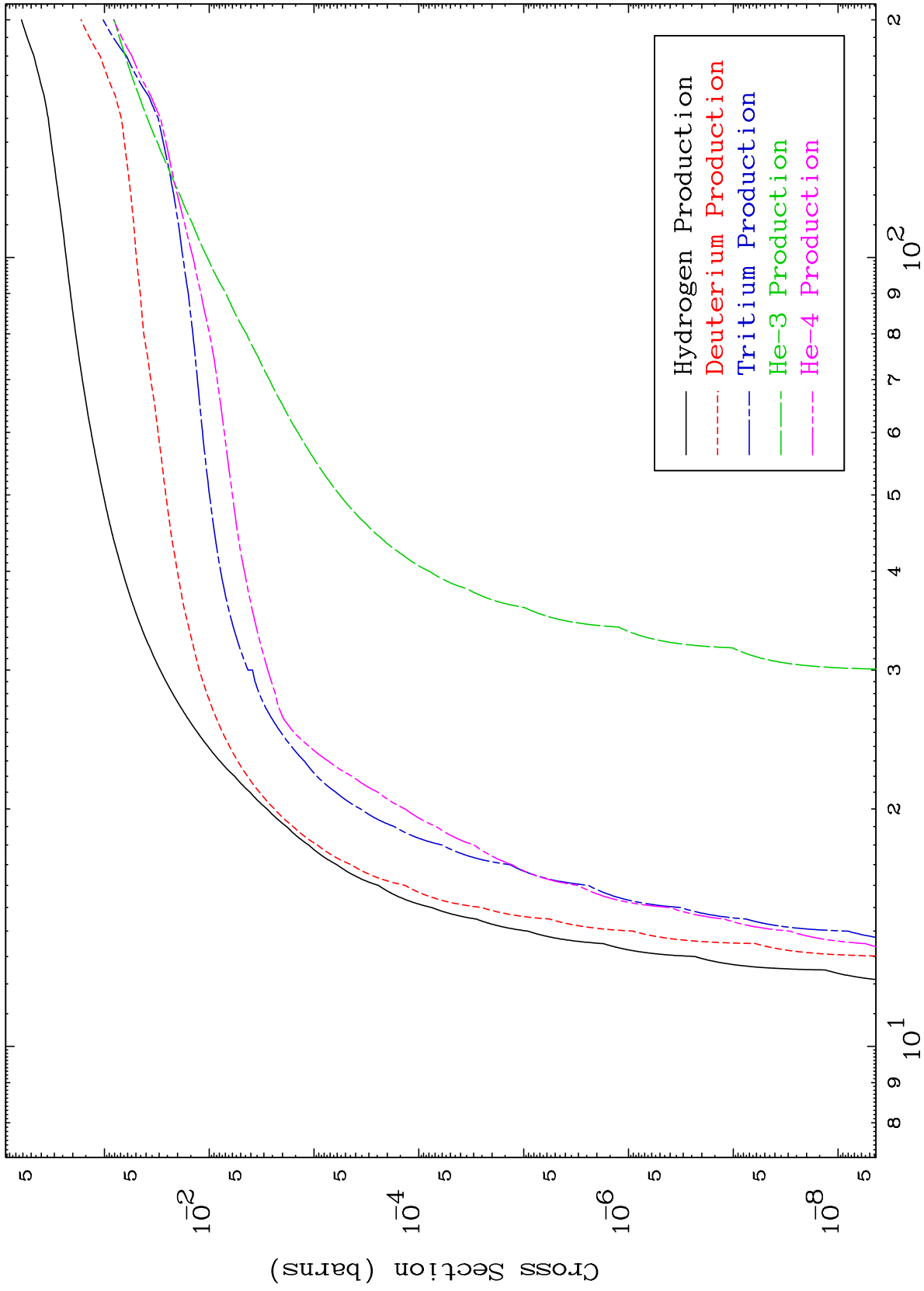




MAT 3161

Particle Production
293 Kelvin Cross Sections

31-Ga-81



5

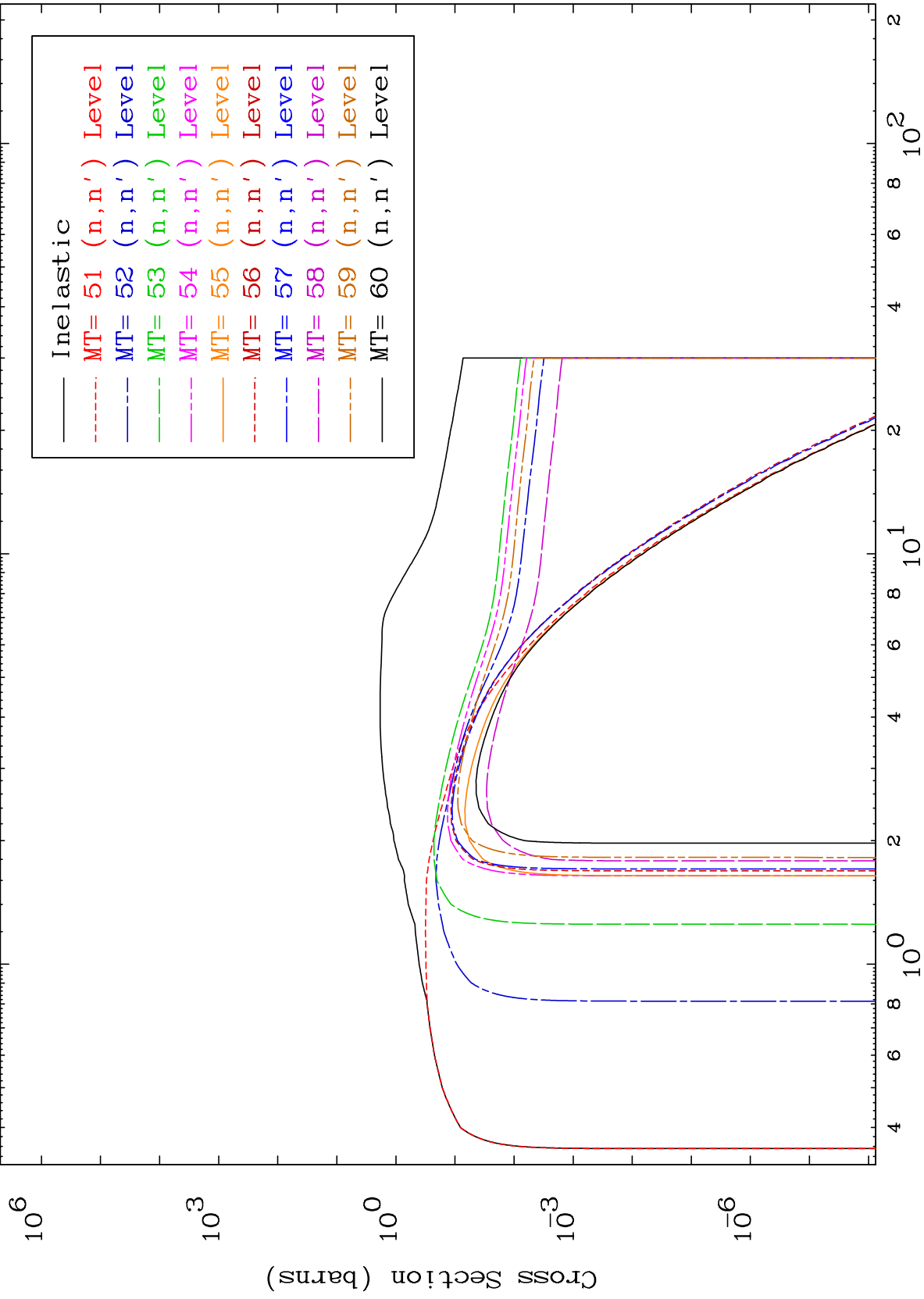
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,n') Level
293 Kelvin Cross Sections

31-Ga-81



6

Incident Energy (MeV)

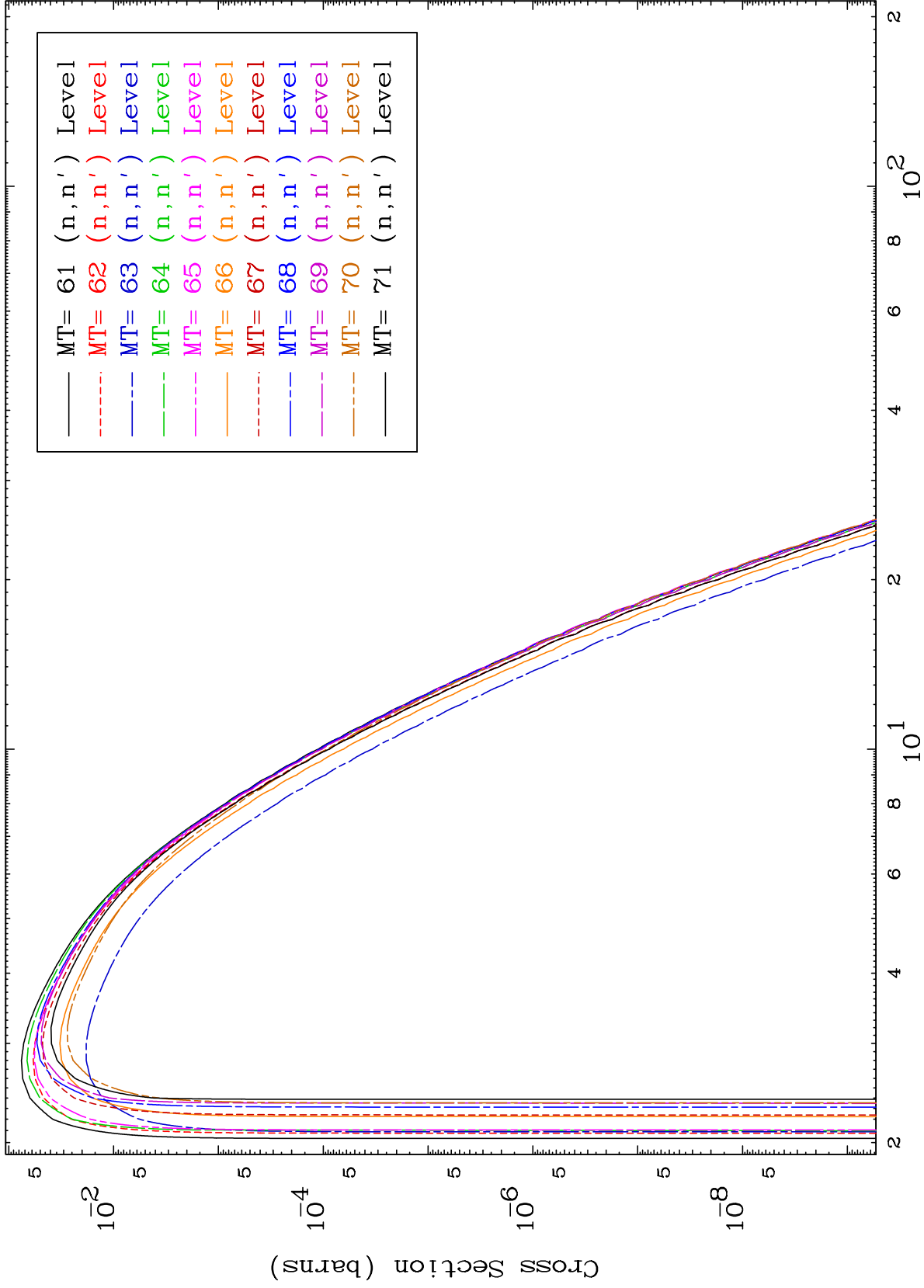
31-Ga-81

MAT 3161

(n,n') Level

31-Ga-81

293 Kelvin Cross Sections

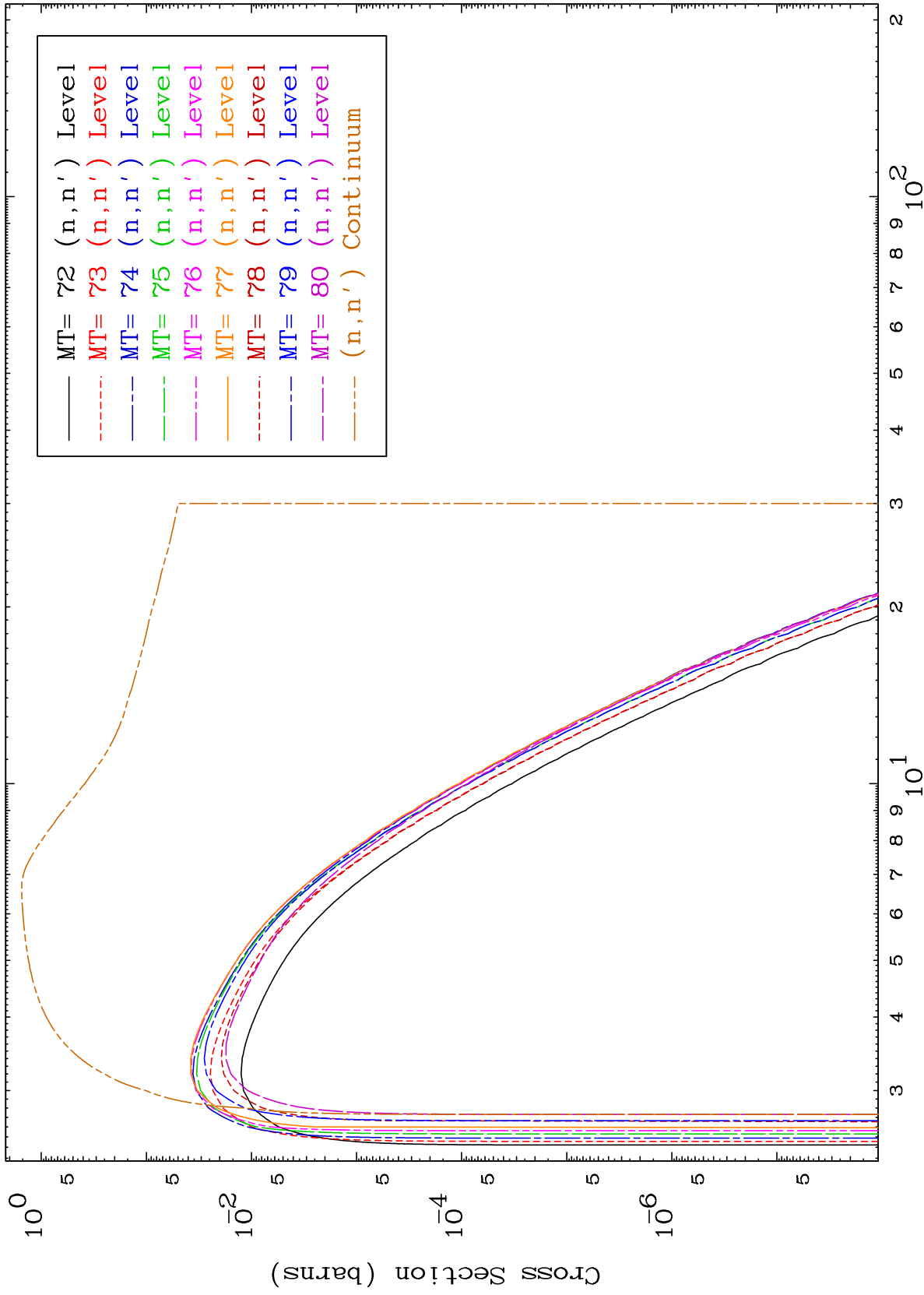


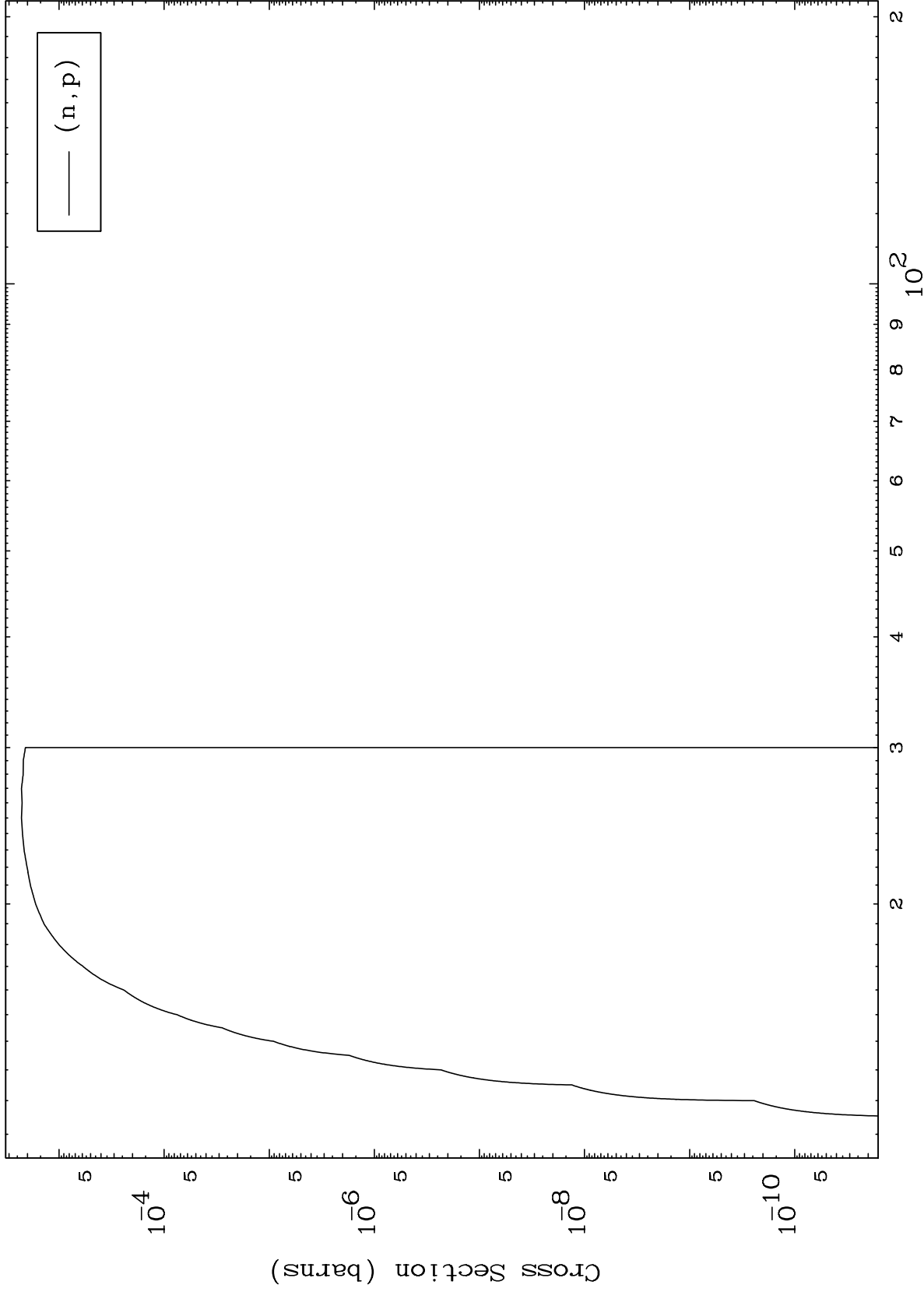
7

Incident Energy (MeV)

31-Ga-81

293 Kelvin Cross Sections

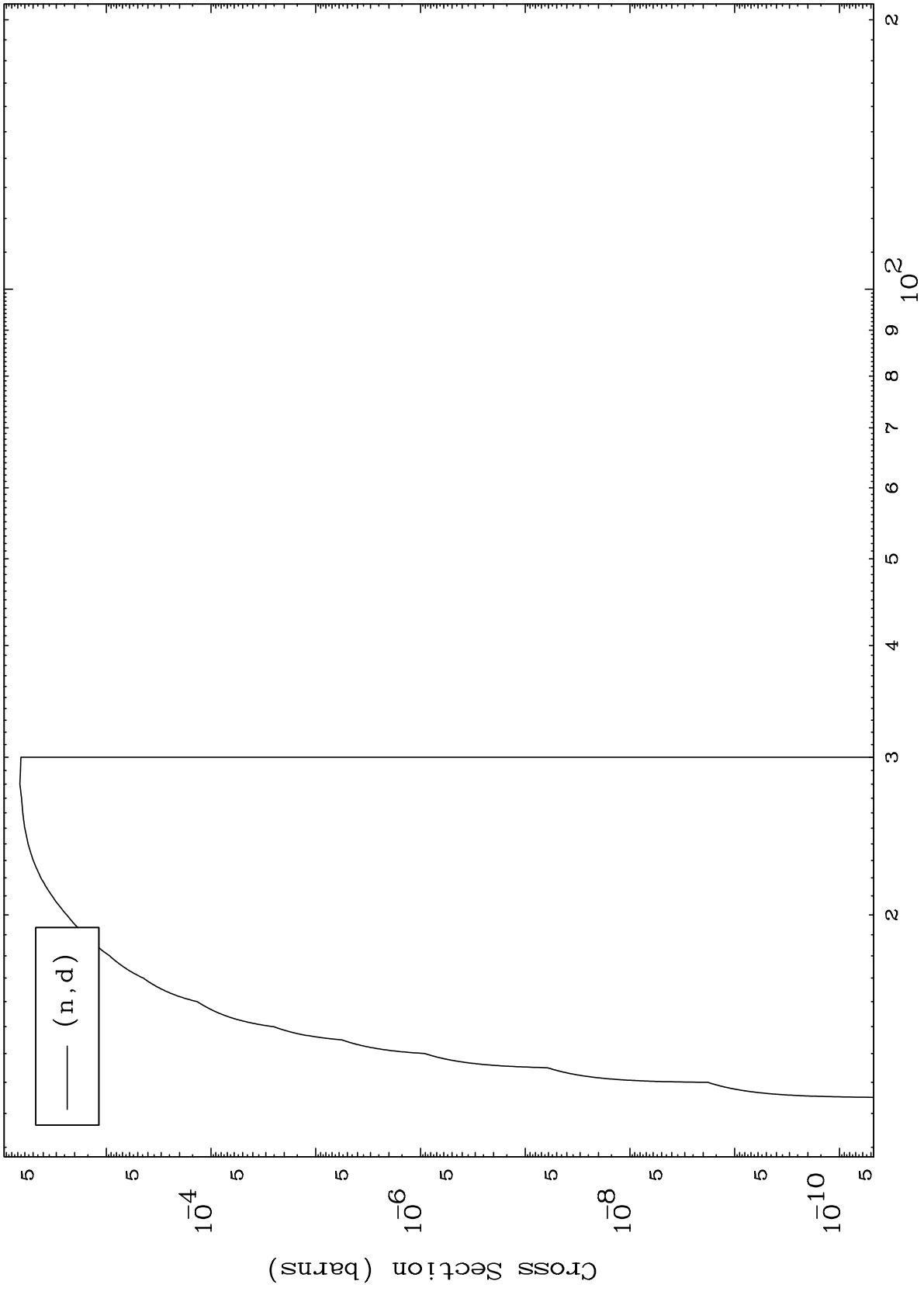




MAT 3161

(n,d) Levels
293 Kelvin Cross Sections

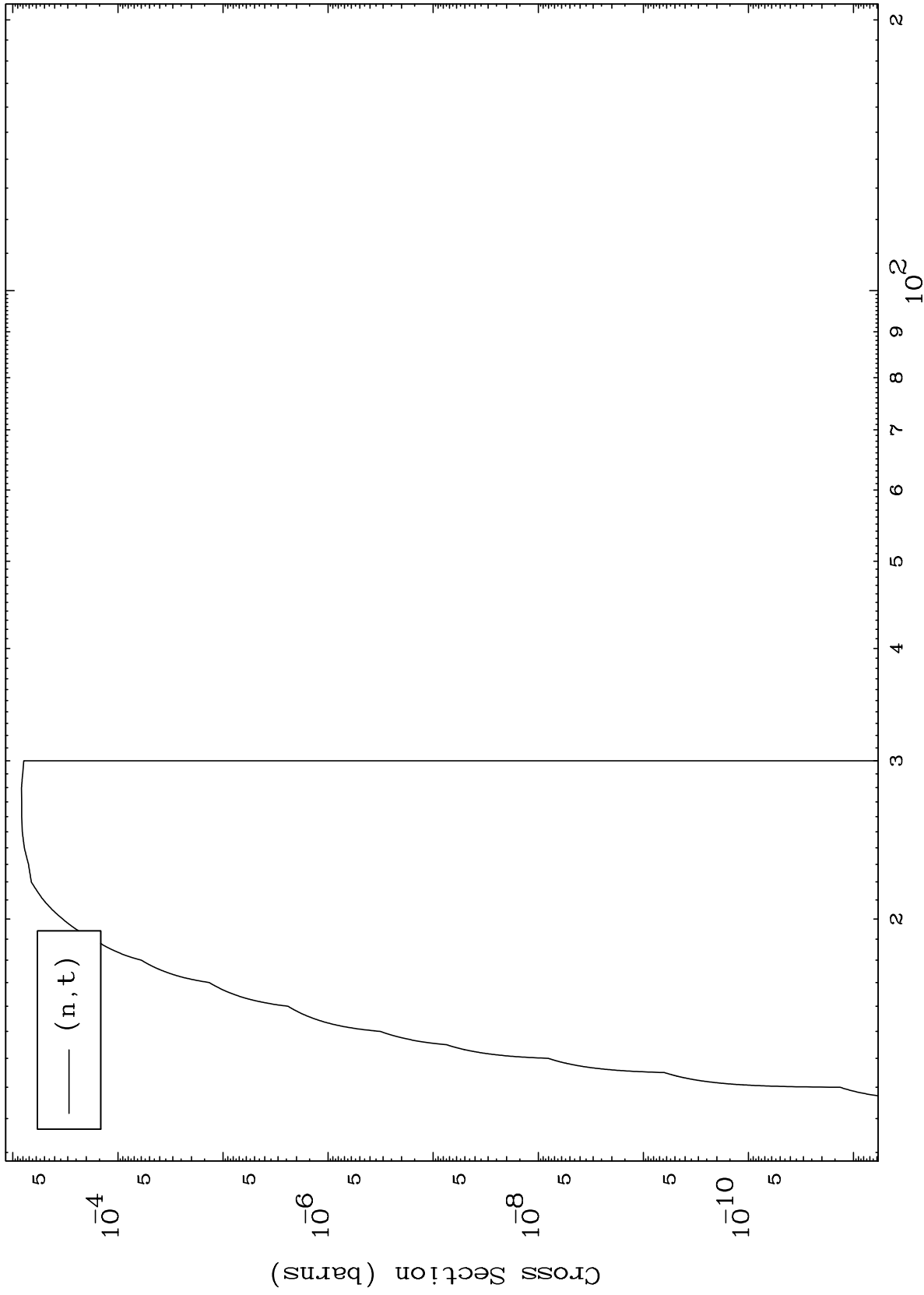
31-Ga-81



10

Incident Energy (MeV)

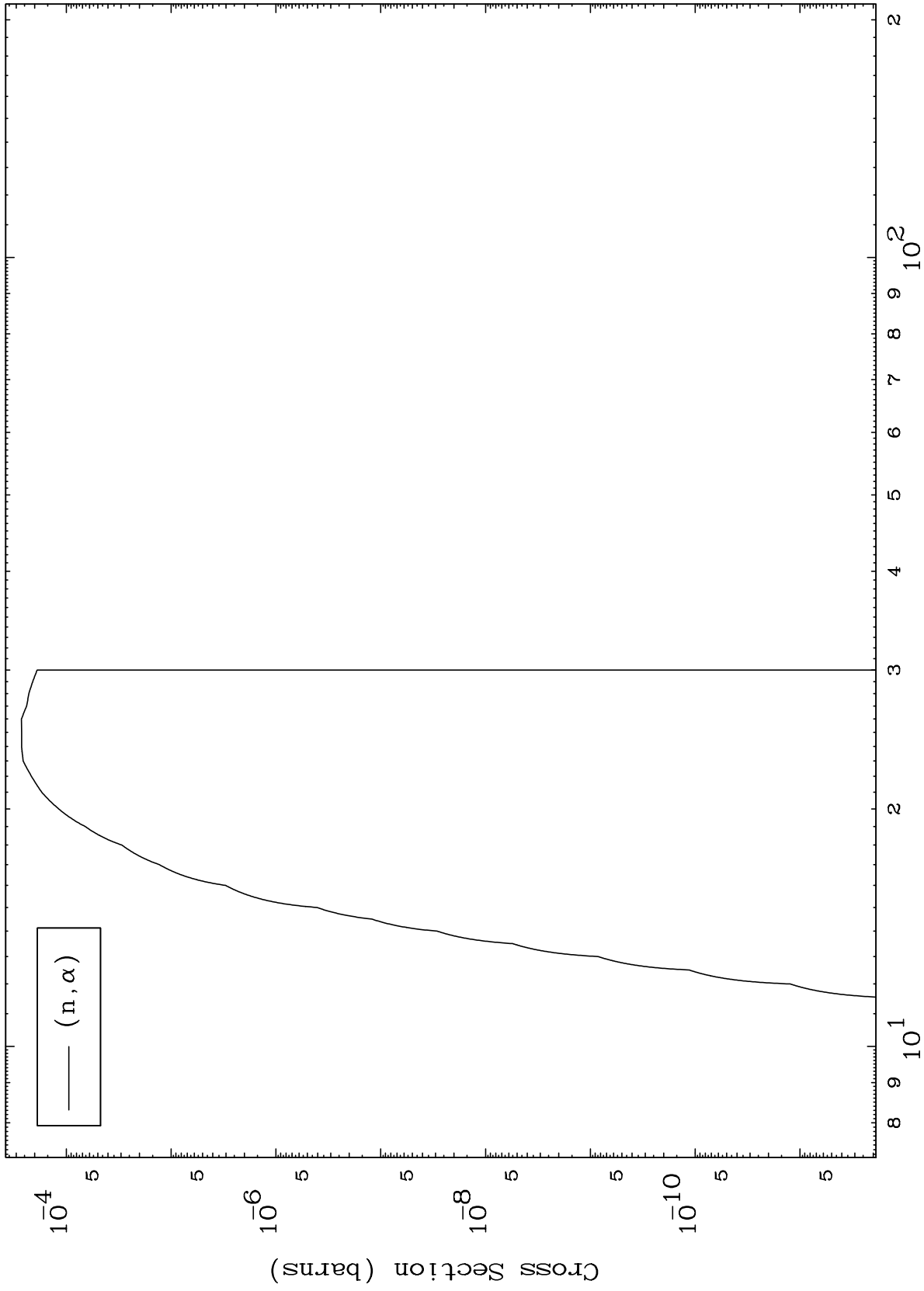
31-Ga-81



MAT 3161

31-Ga-81

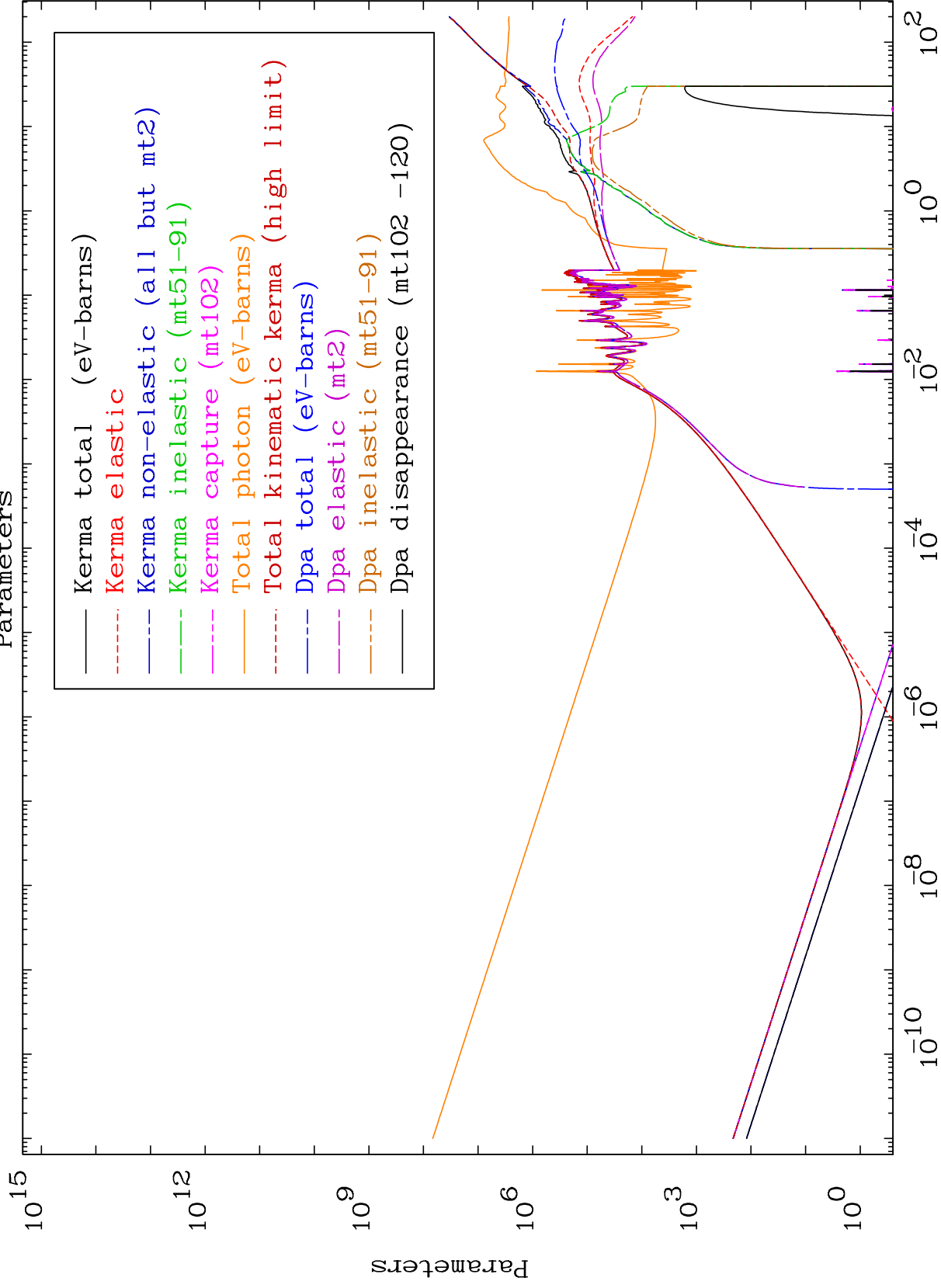
(n, α) Levels
293 Kelvin Cross Sections

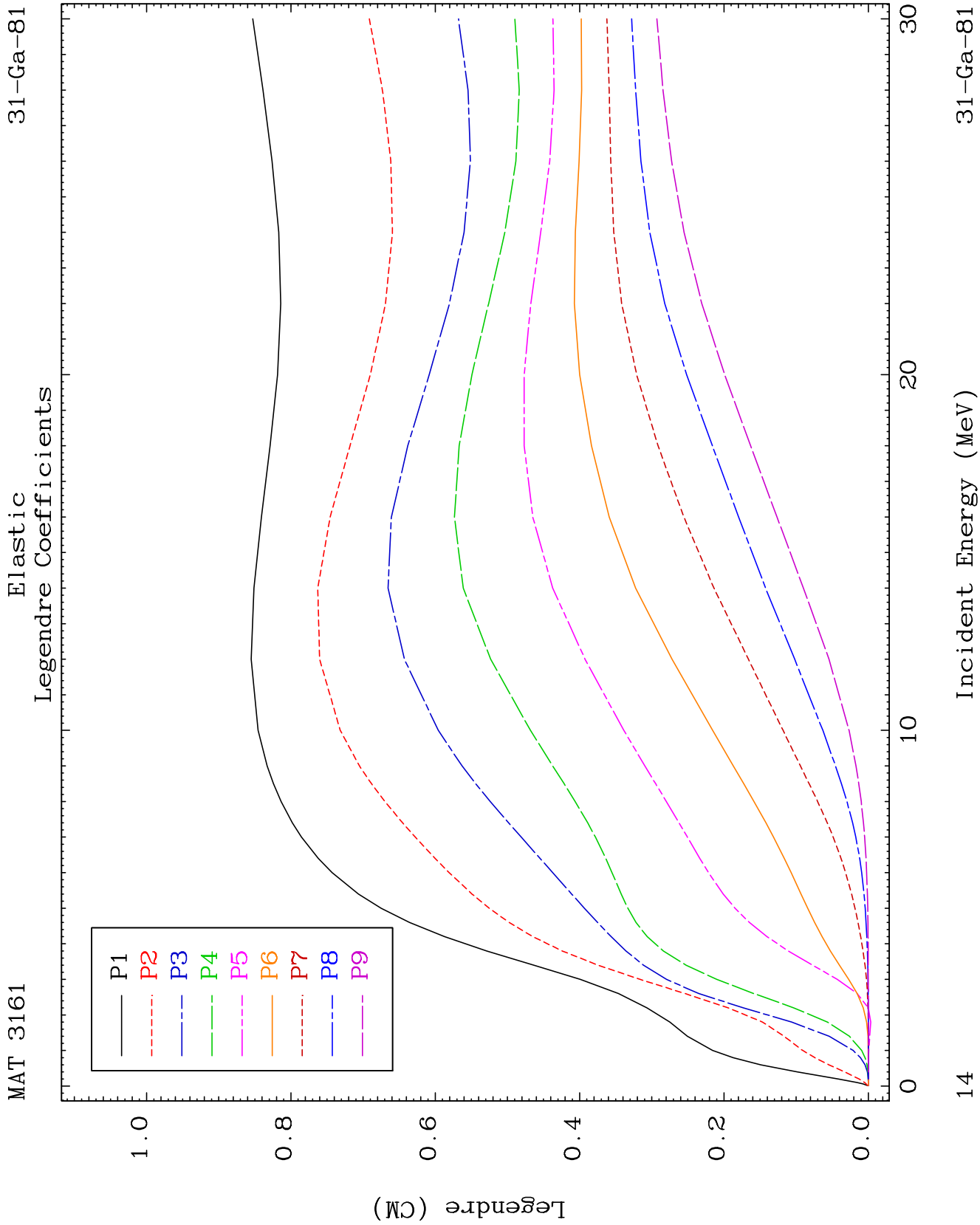


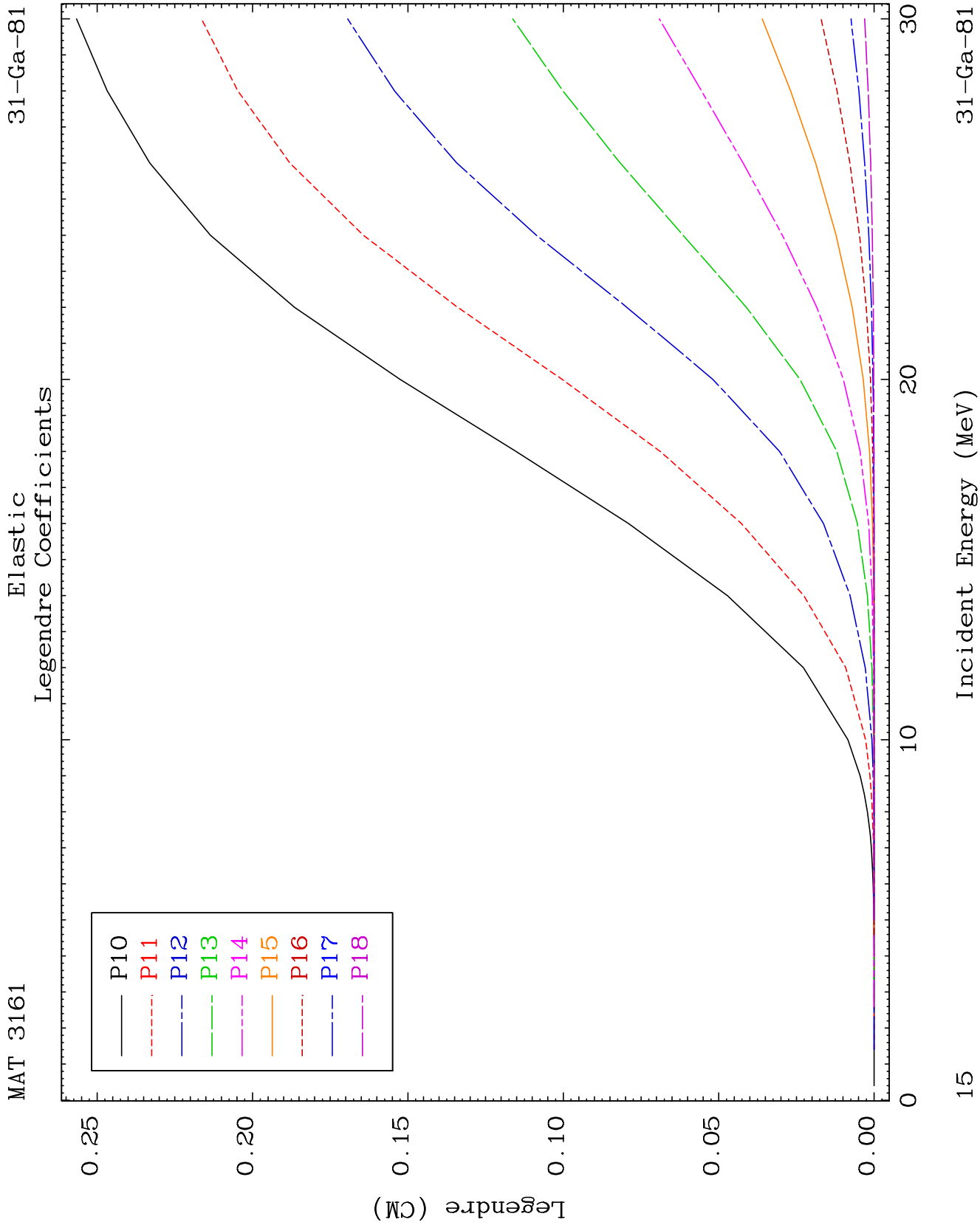
12

Incident Energy (MeV)

31-Ga-81



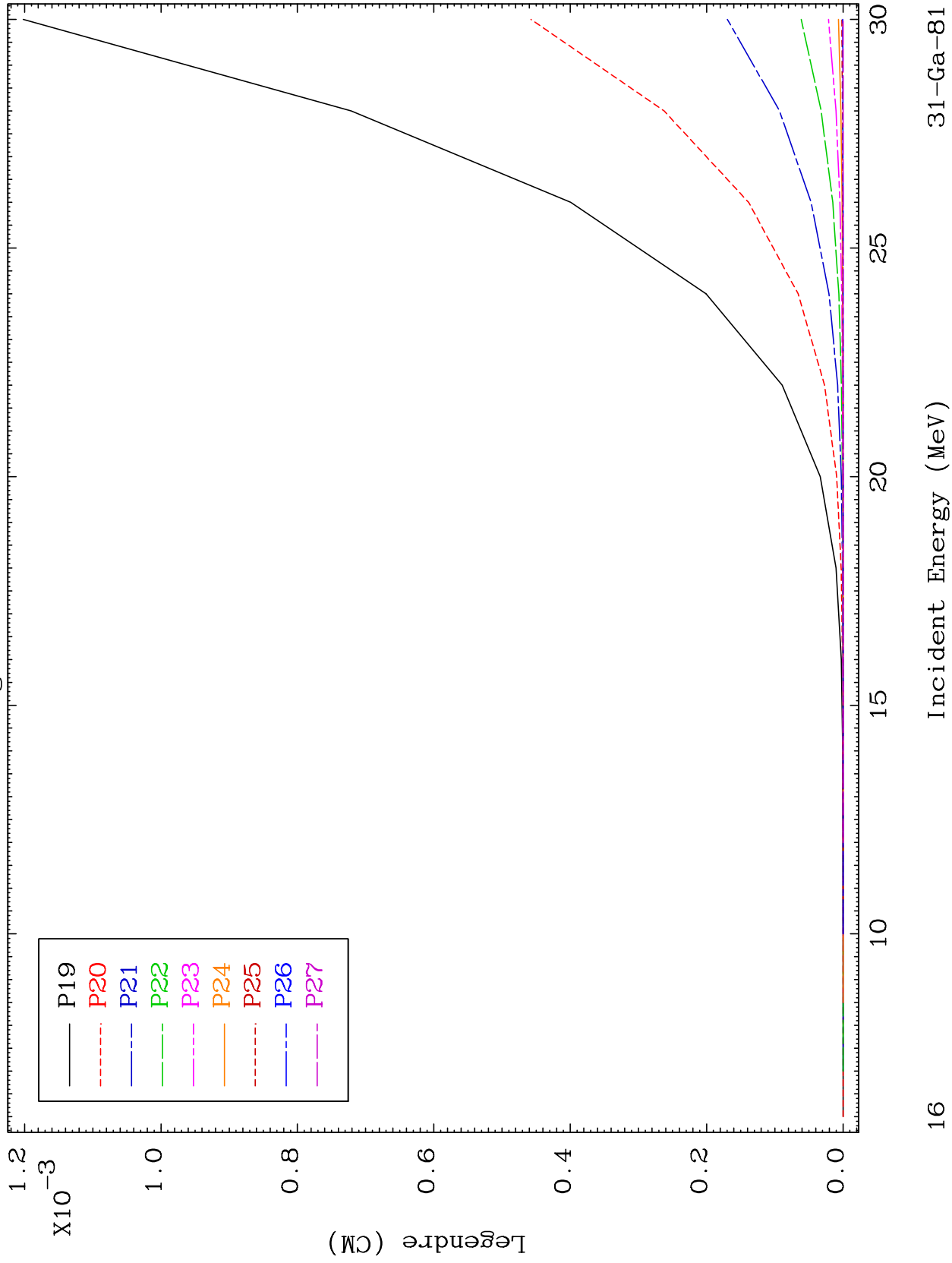




MAT 3161

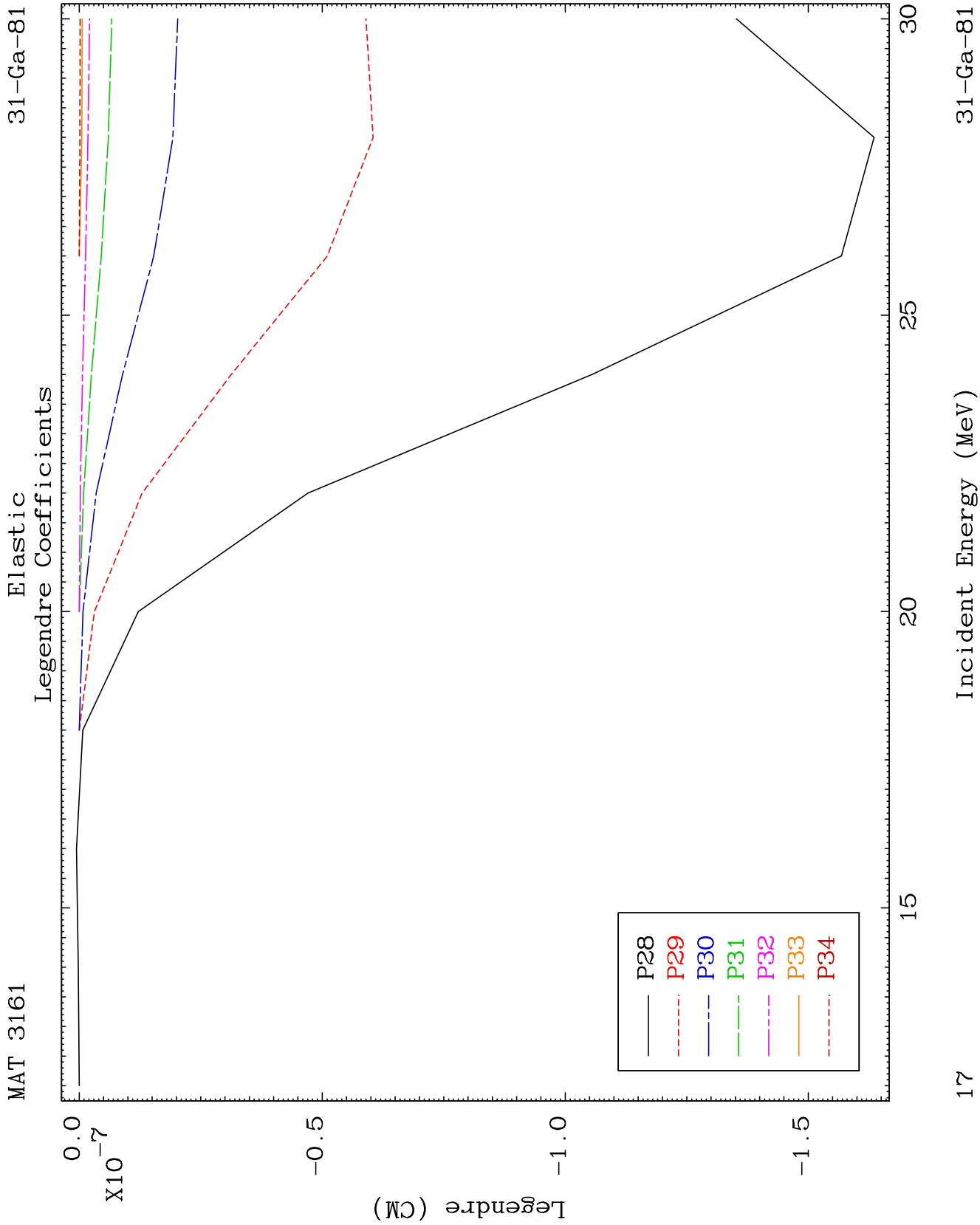
Elastic Legendre Coefficients

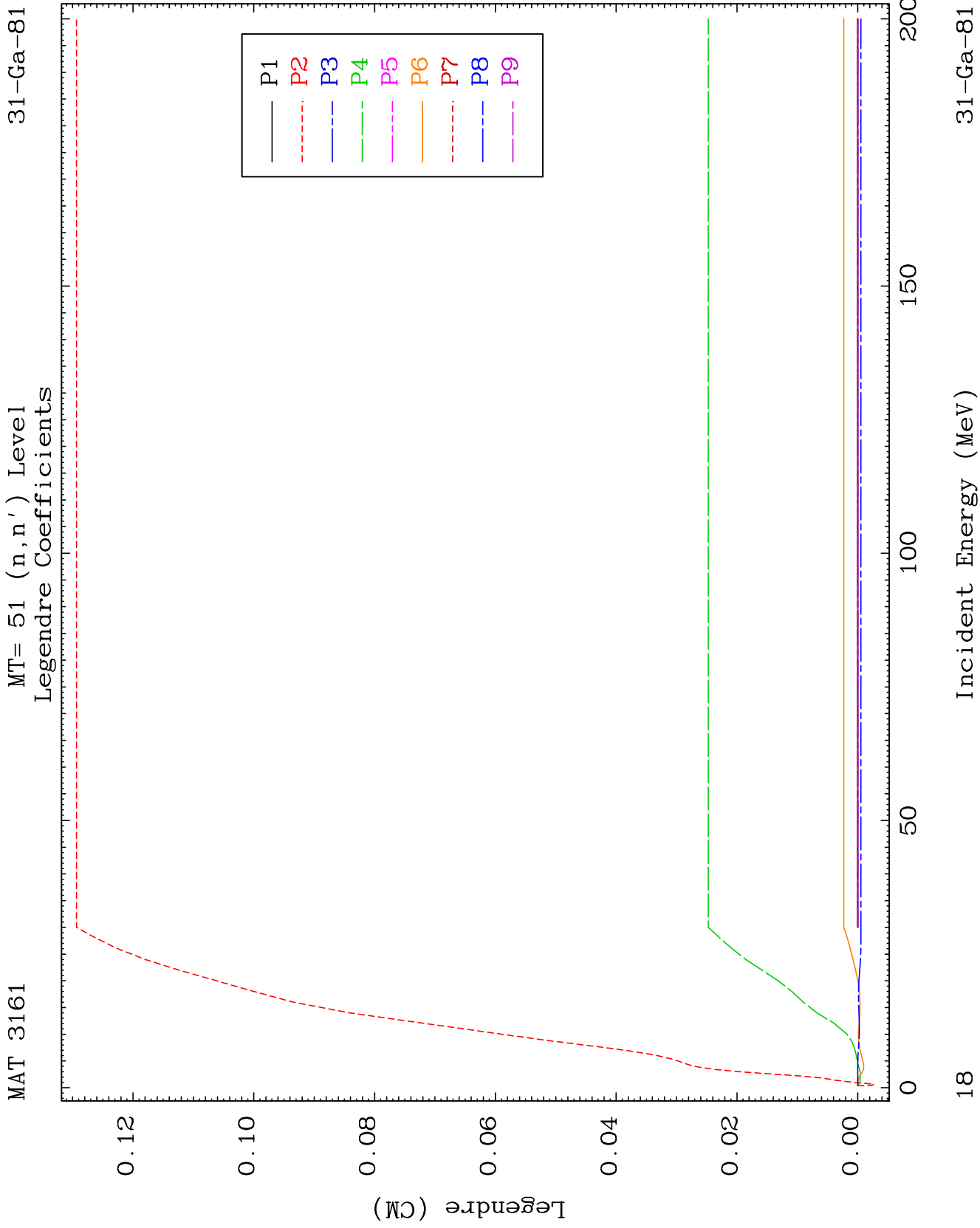
31-Ga-81



16

31-Ga-81

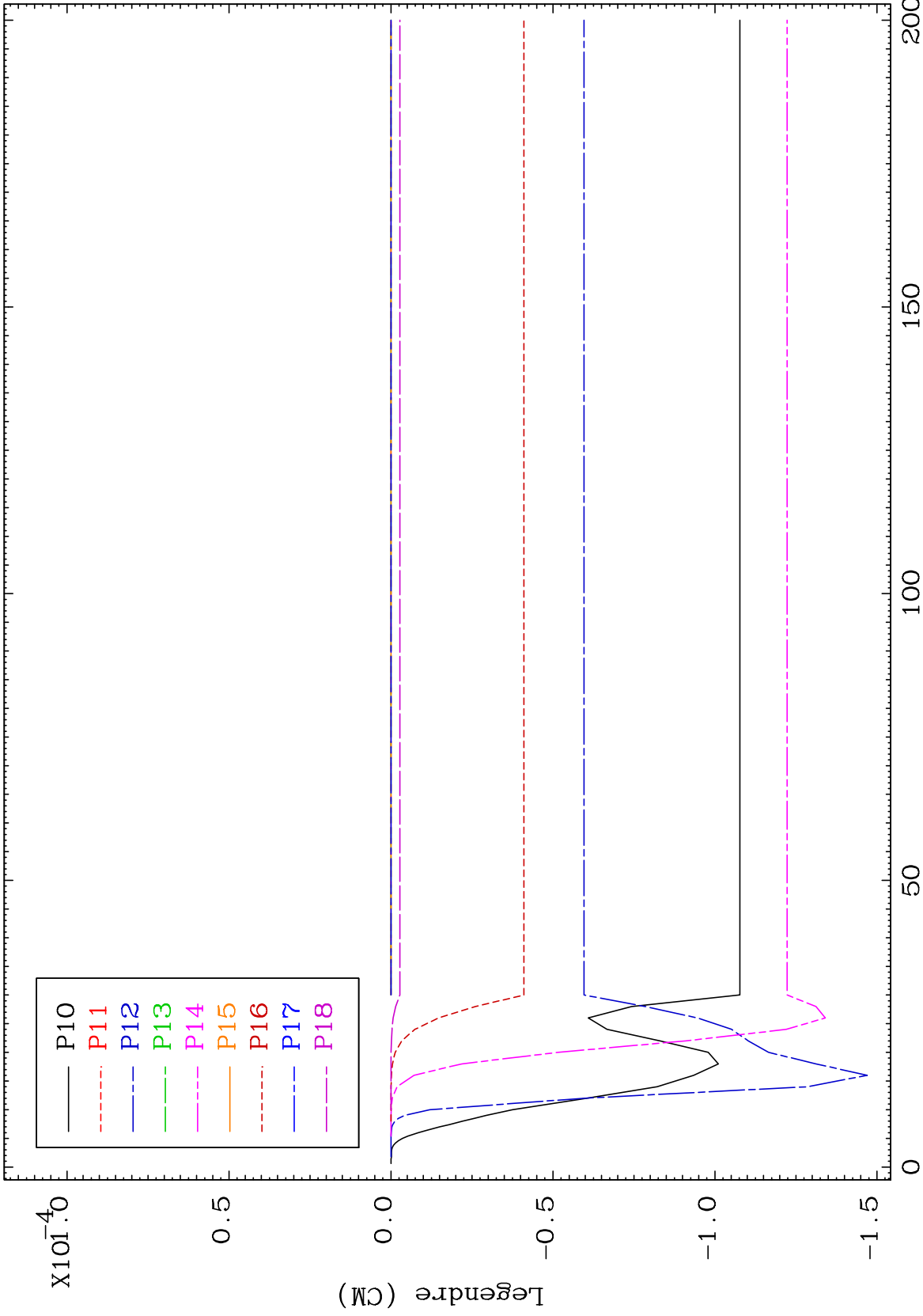




MAT 3161

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

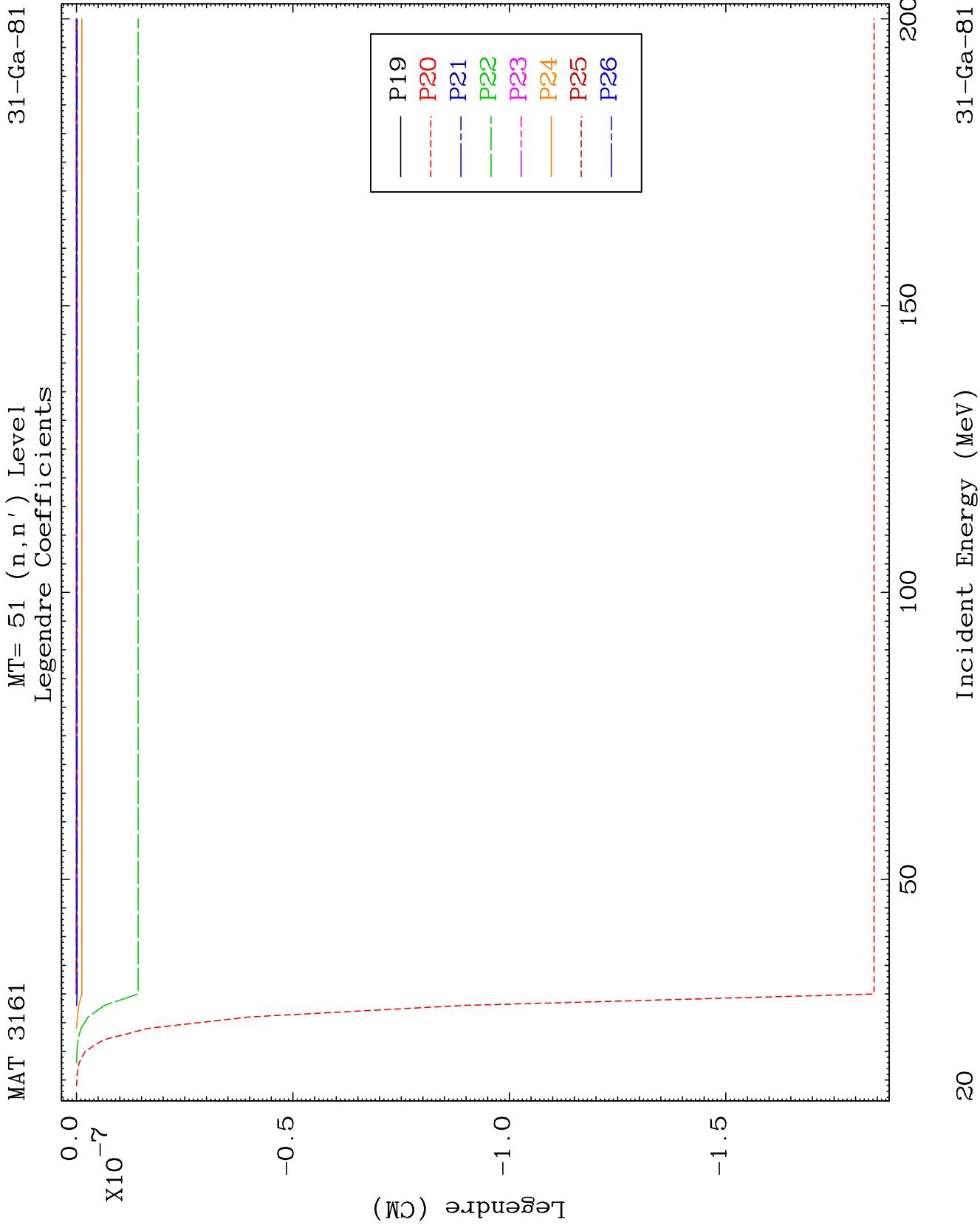
31-Ga-81

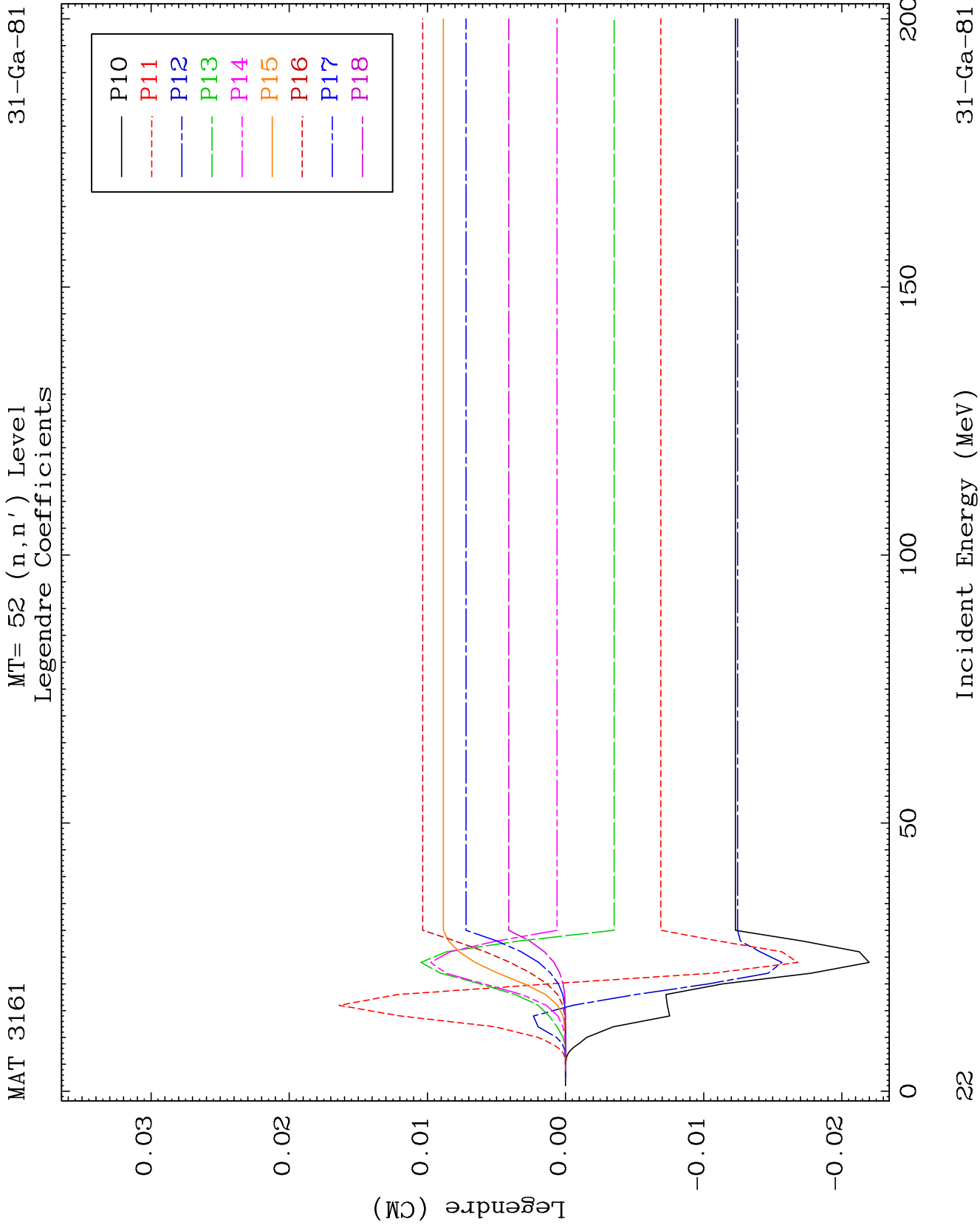


19

Incident Energy (MeV)

31-Ga-81

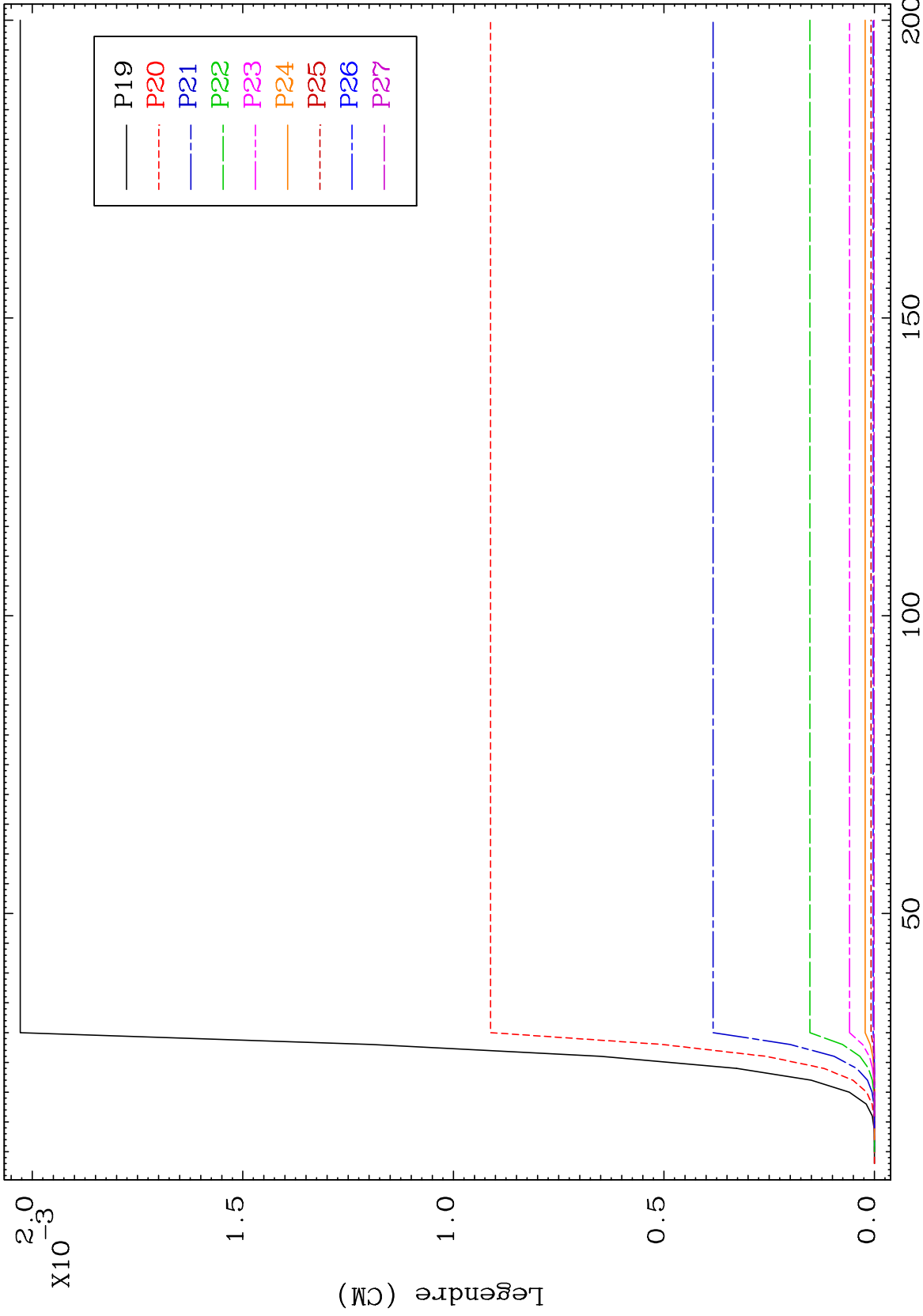




MAT 3161

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

31-Ga-81



23

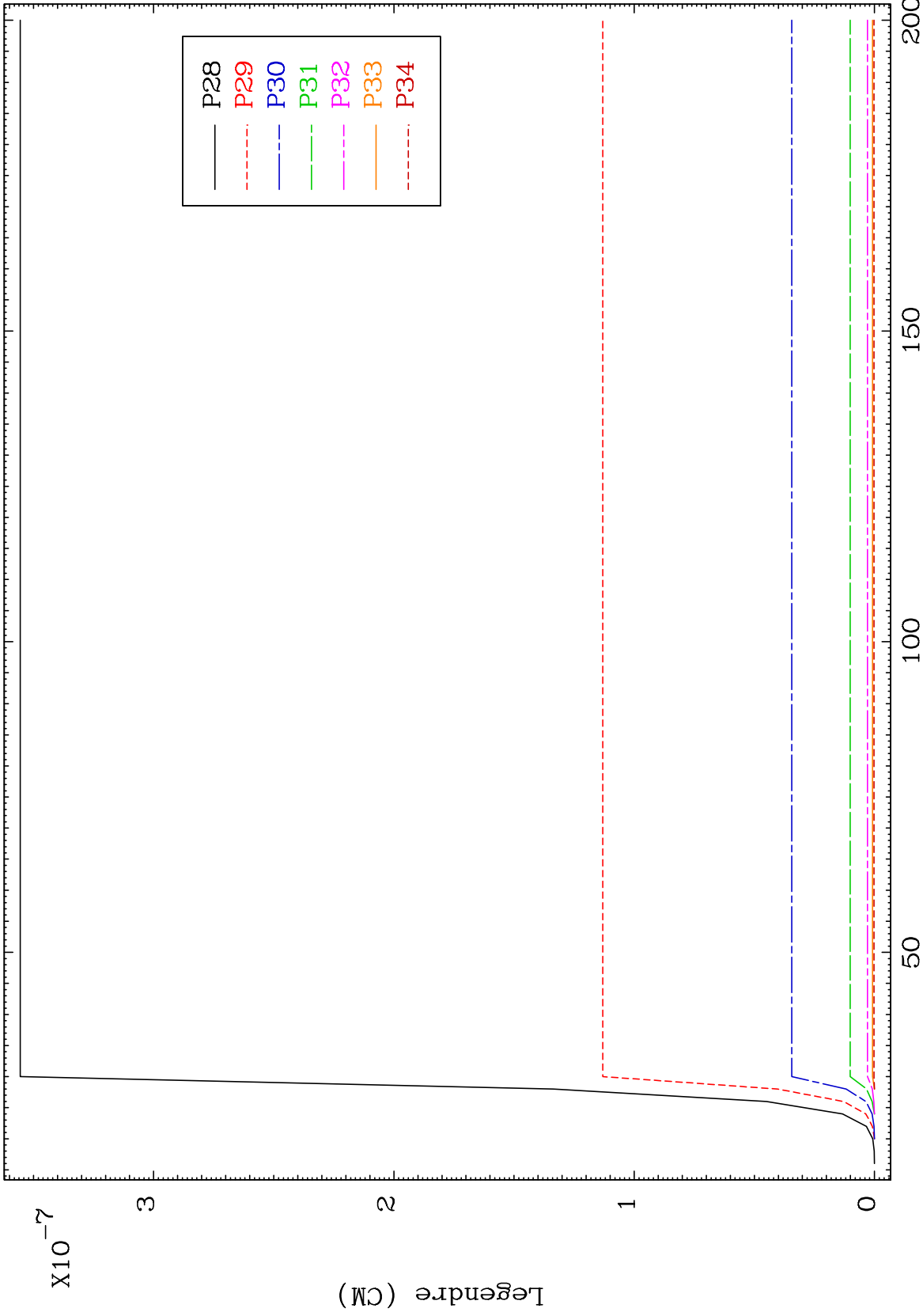
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

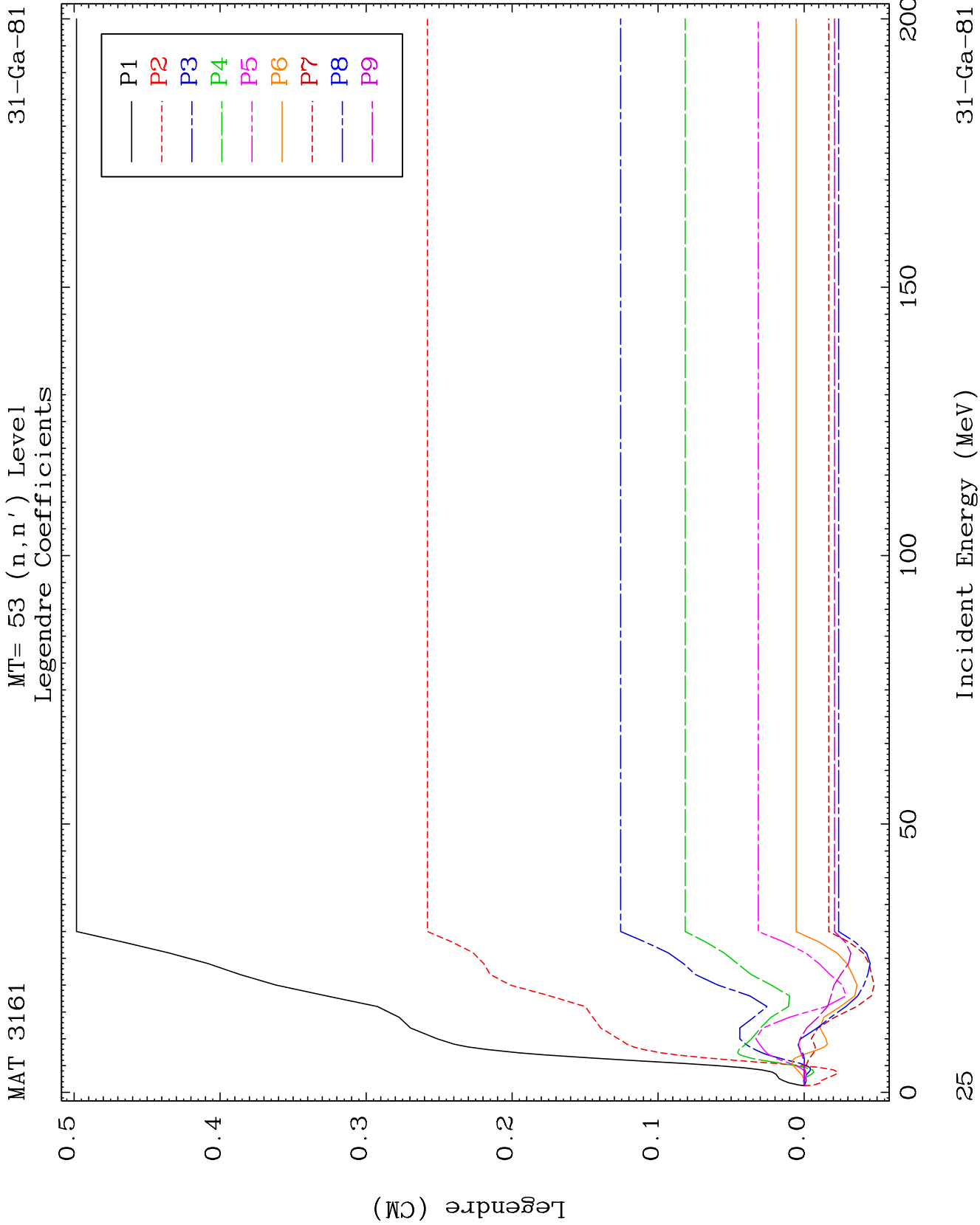
31-Ga-81



24

Incident Energy (MeV)

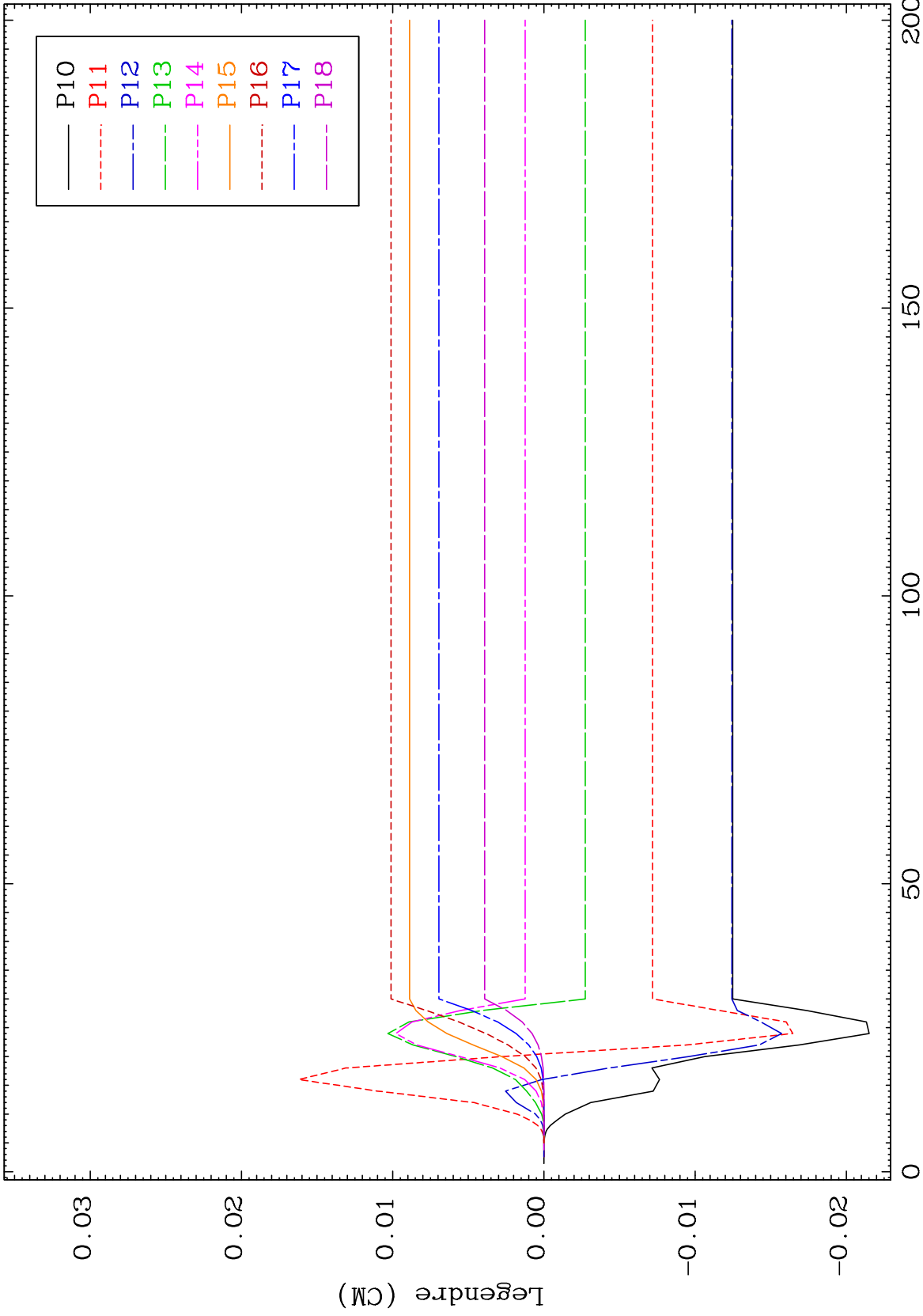
31-Ga-81



MAT 3161

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

31-Ga-81



26

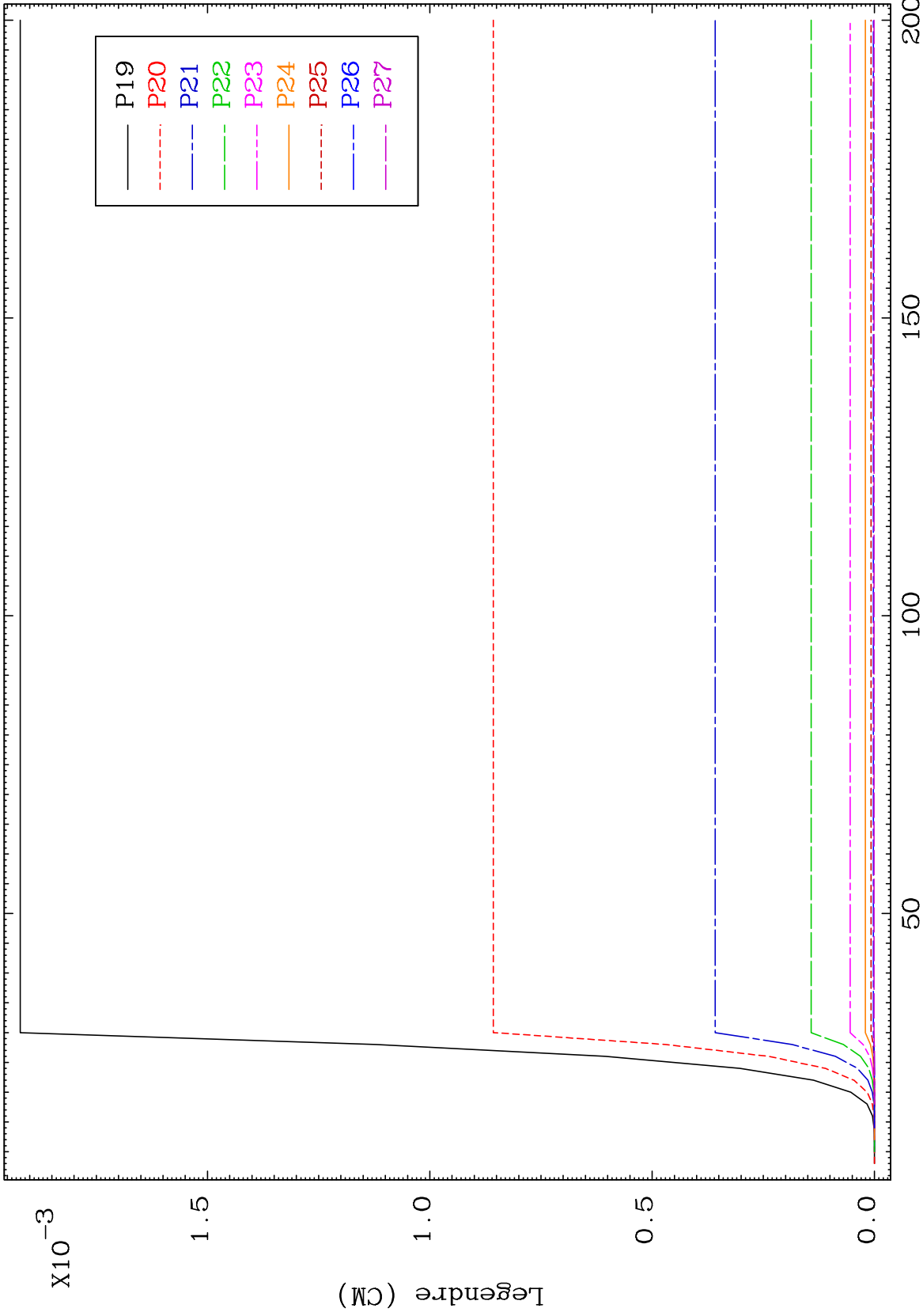
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



27

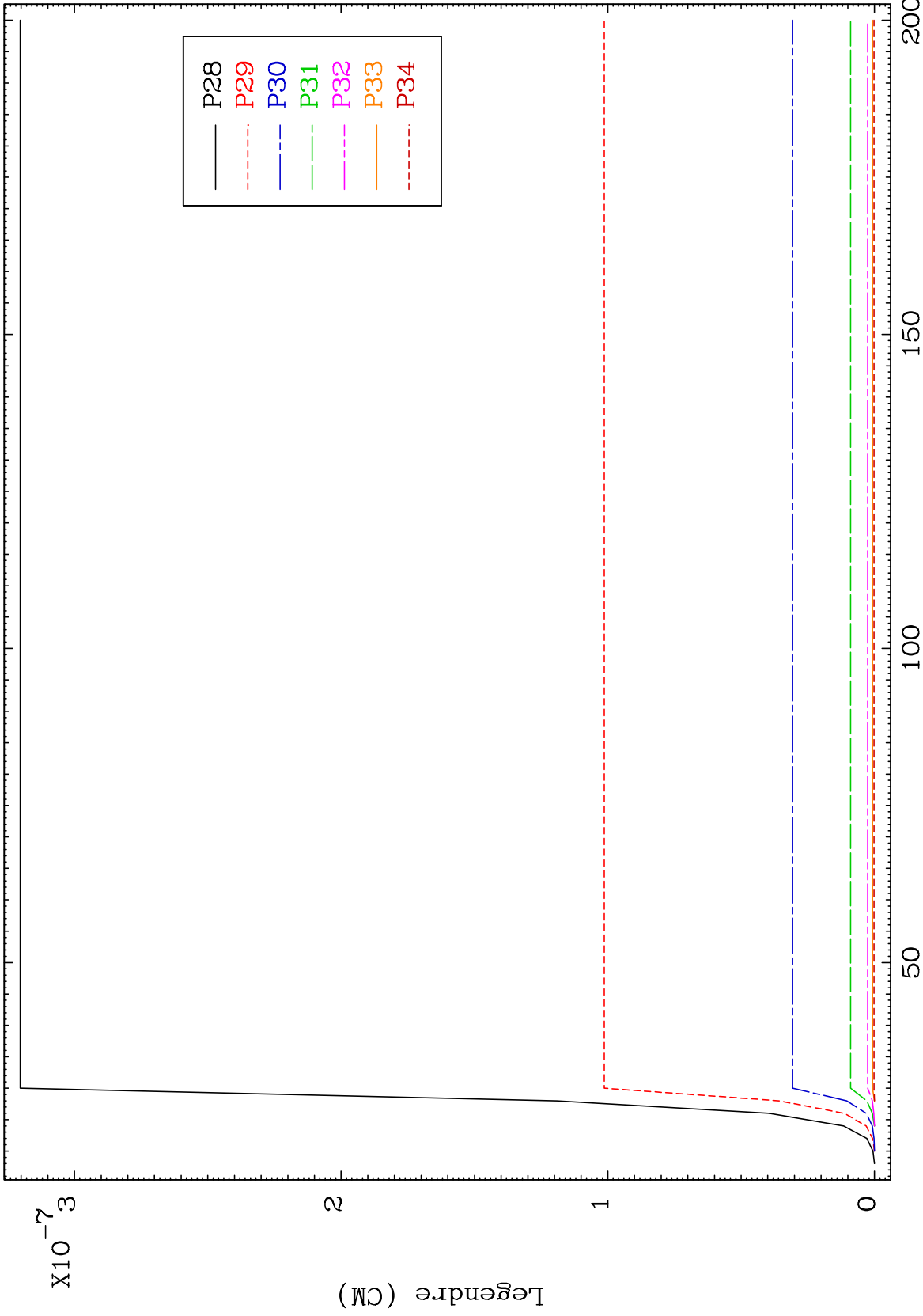
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

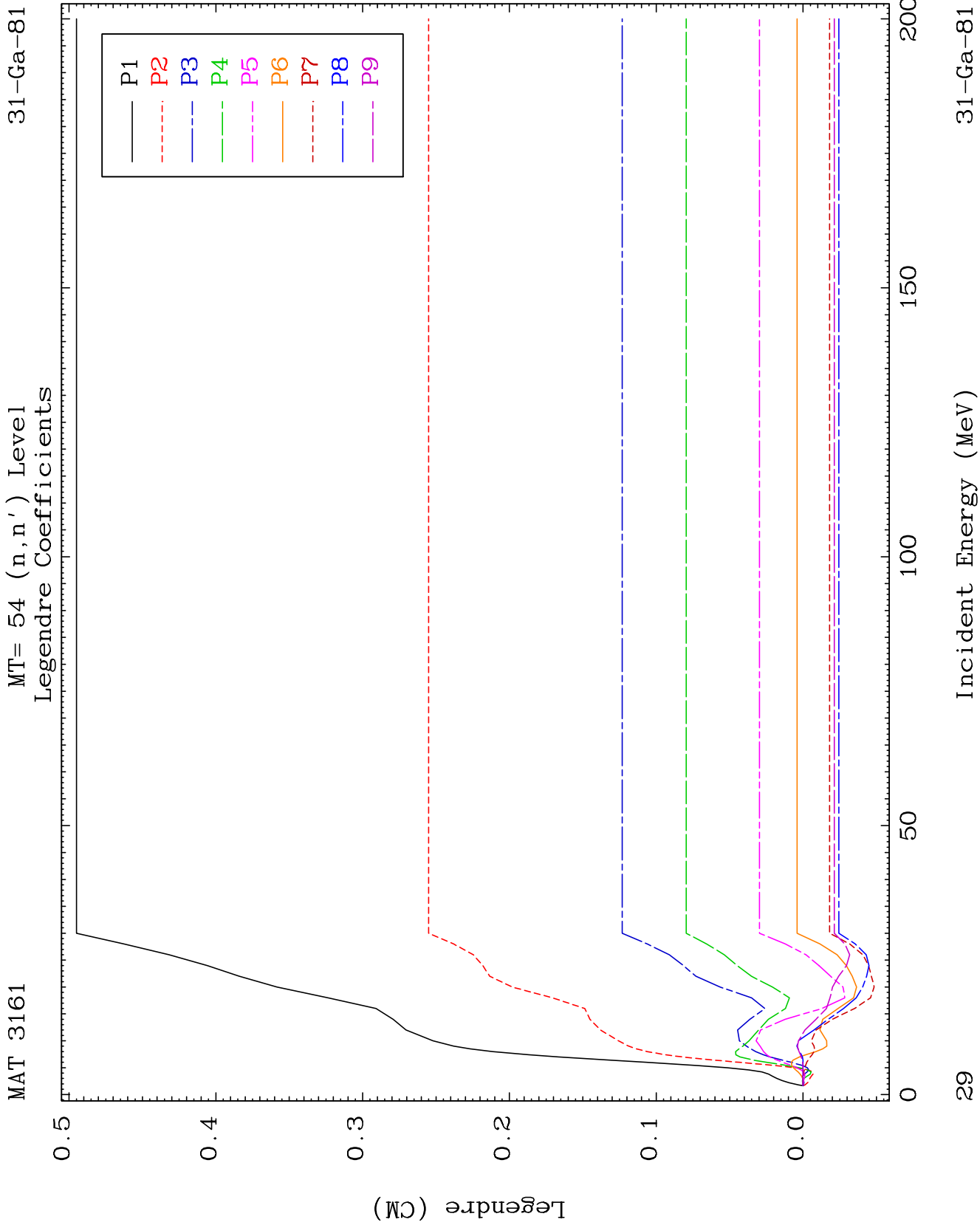
31-Ga-81



28

Incident Energy (MeV)

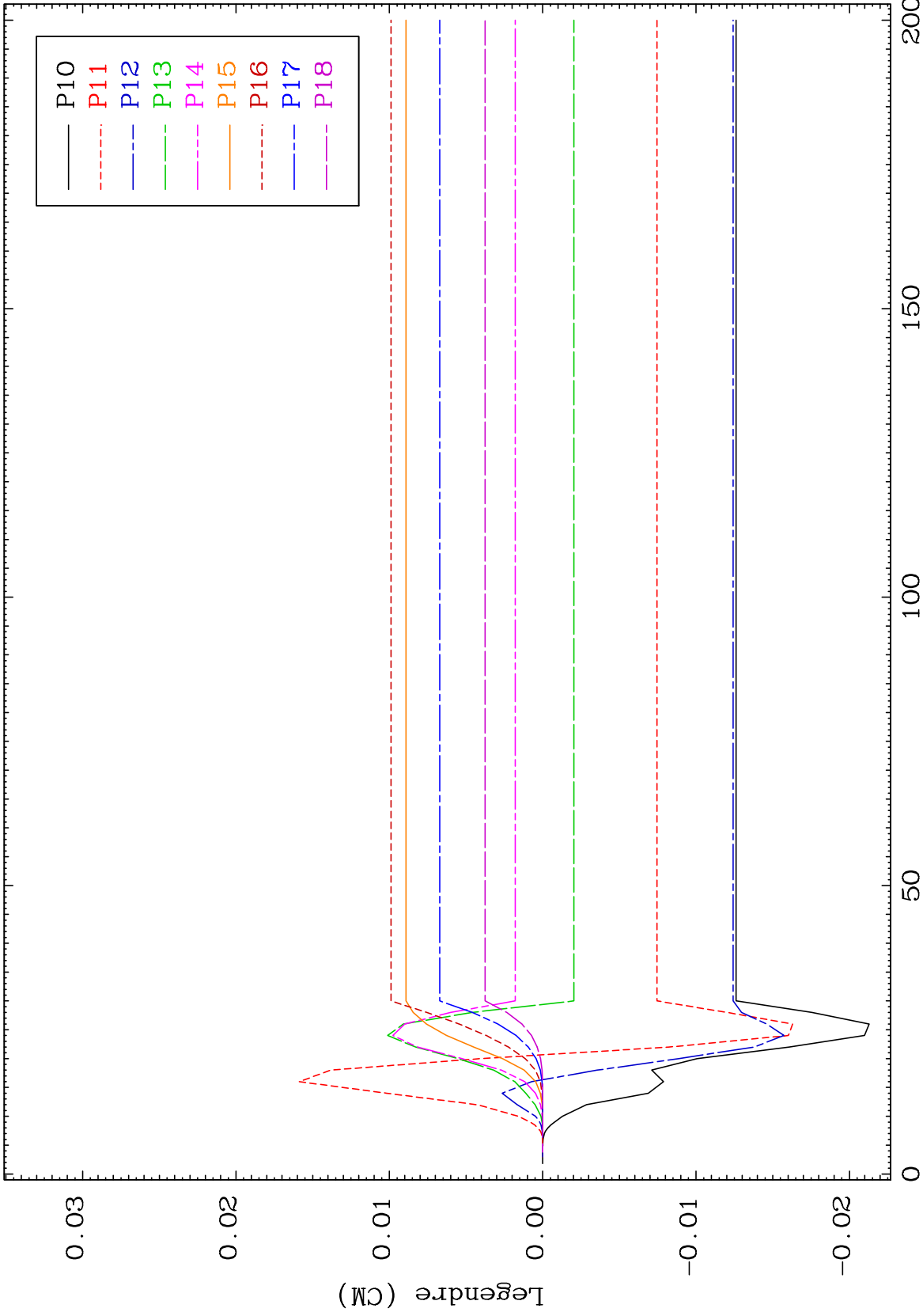
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

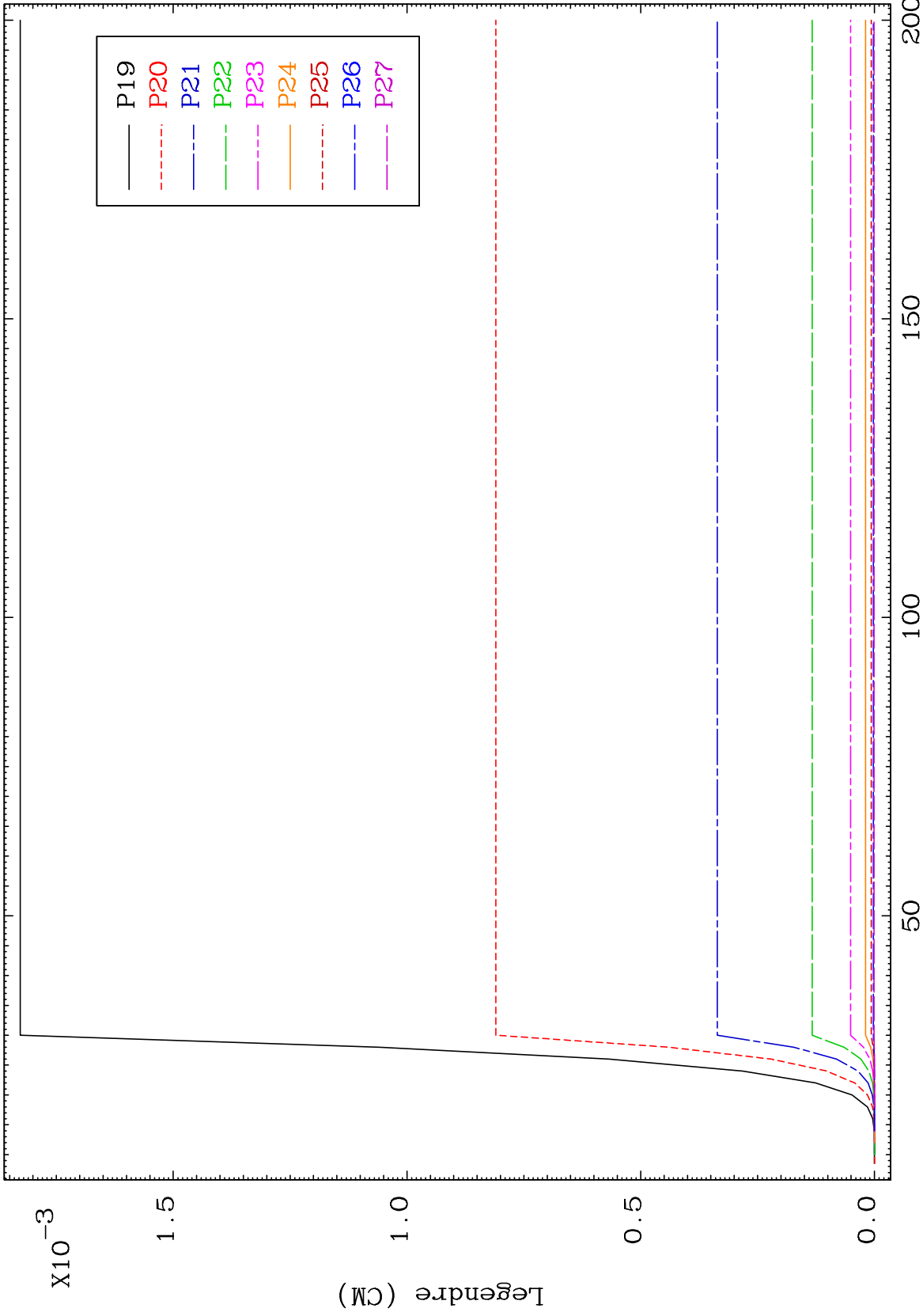
Incident Energy (MeV)

30

MAT 3161

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

31-Ga-81



31

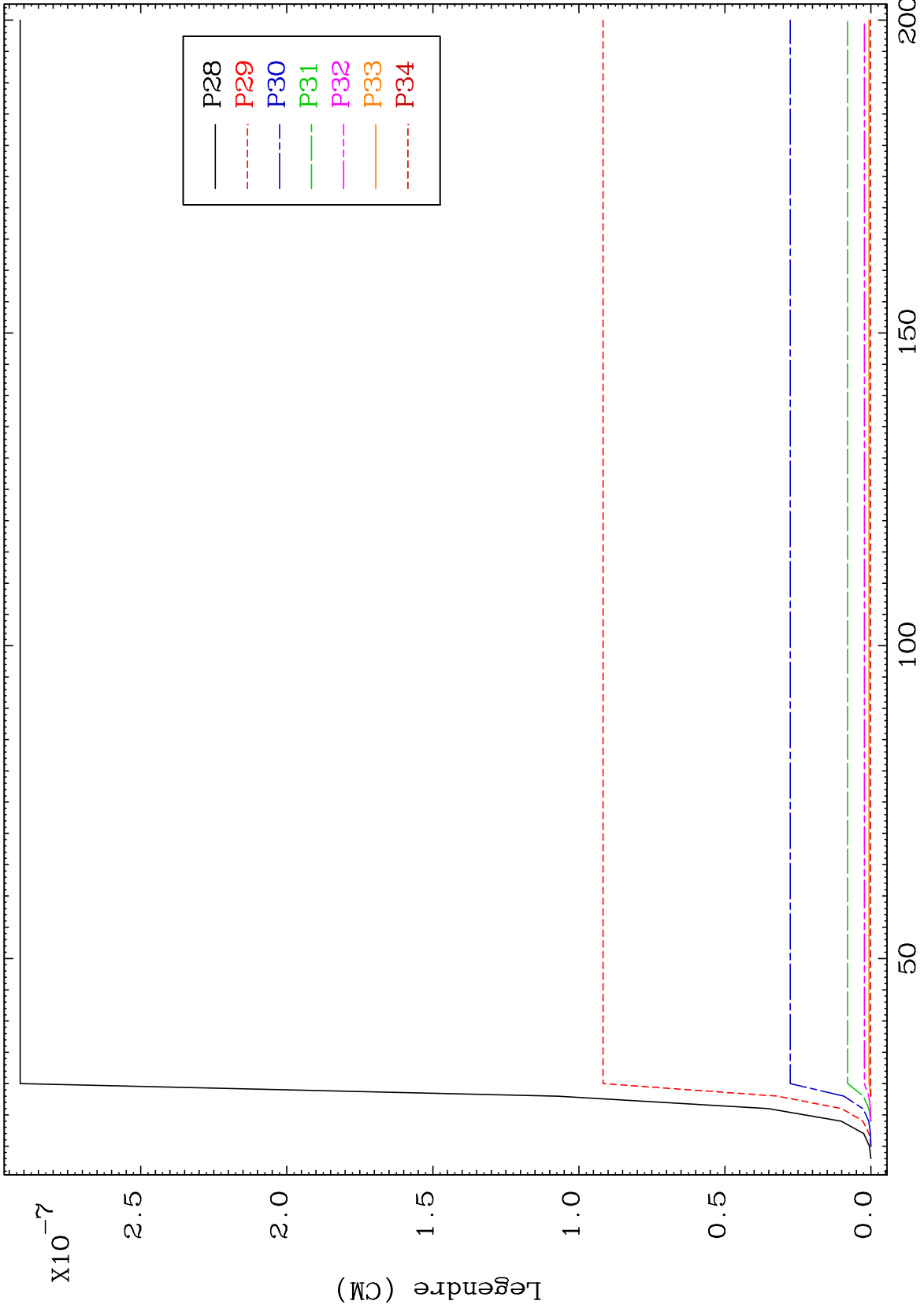
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



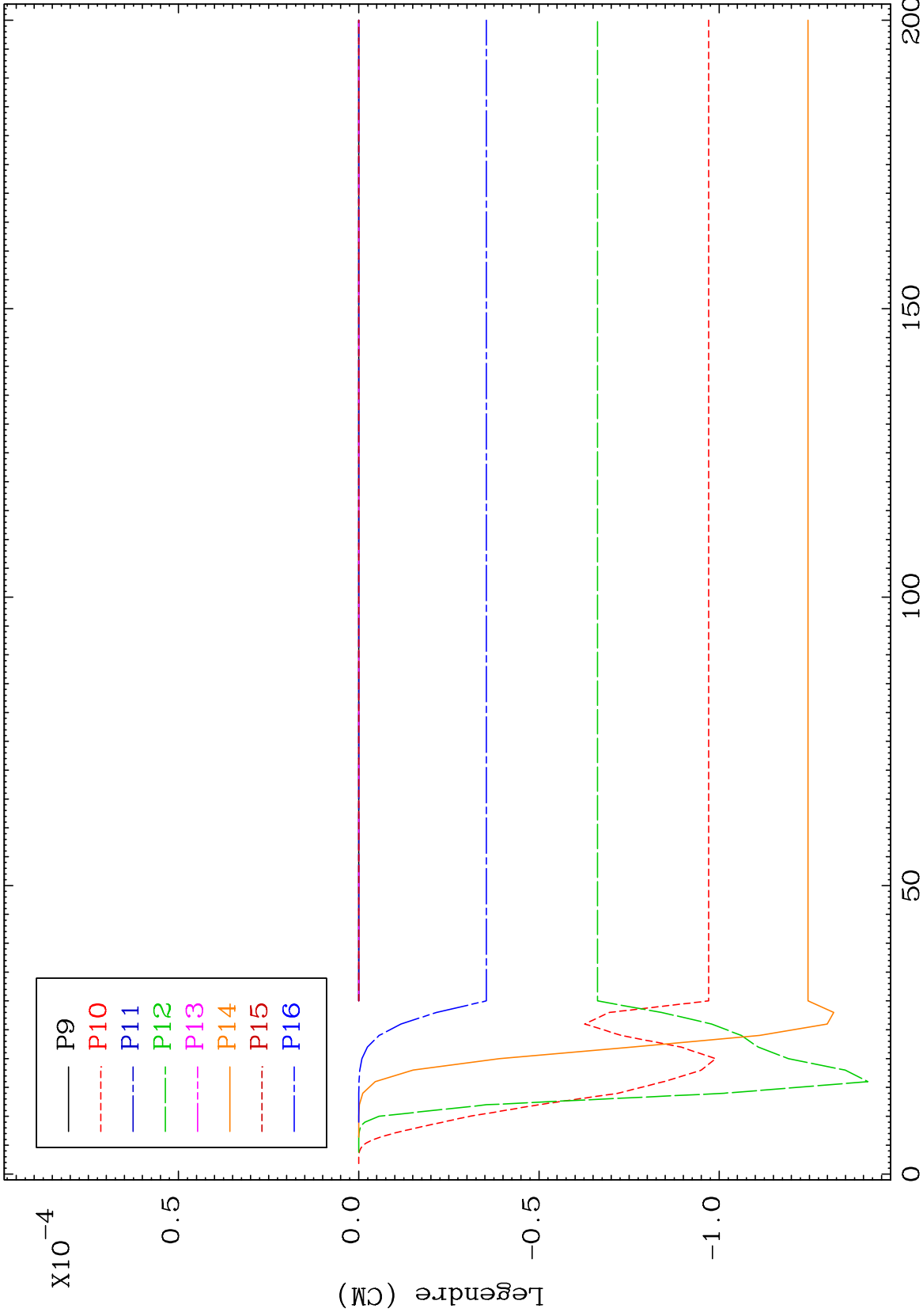
32

31-Ga-81

MAT 3161

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

31-Ga-81

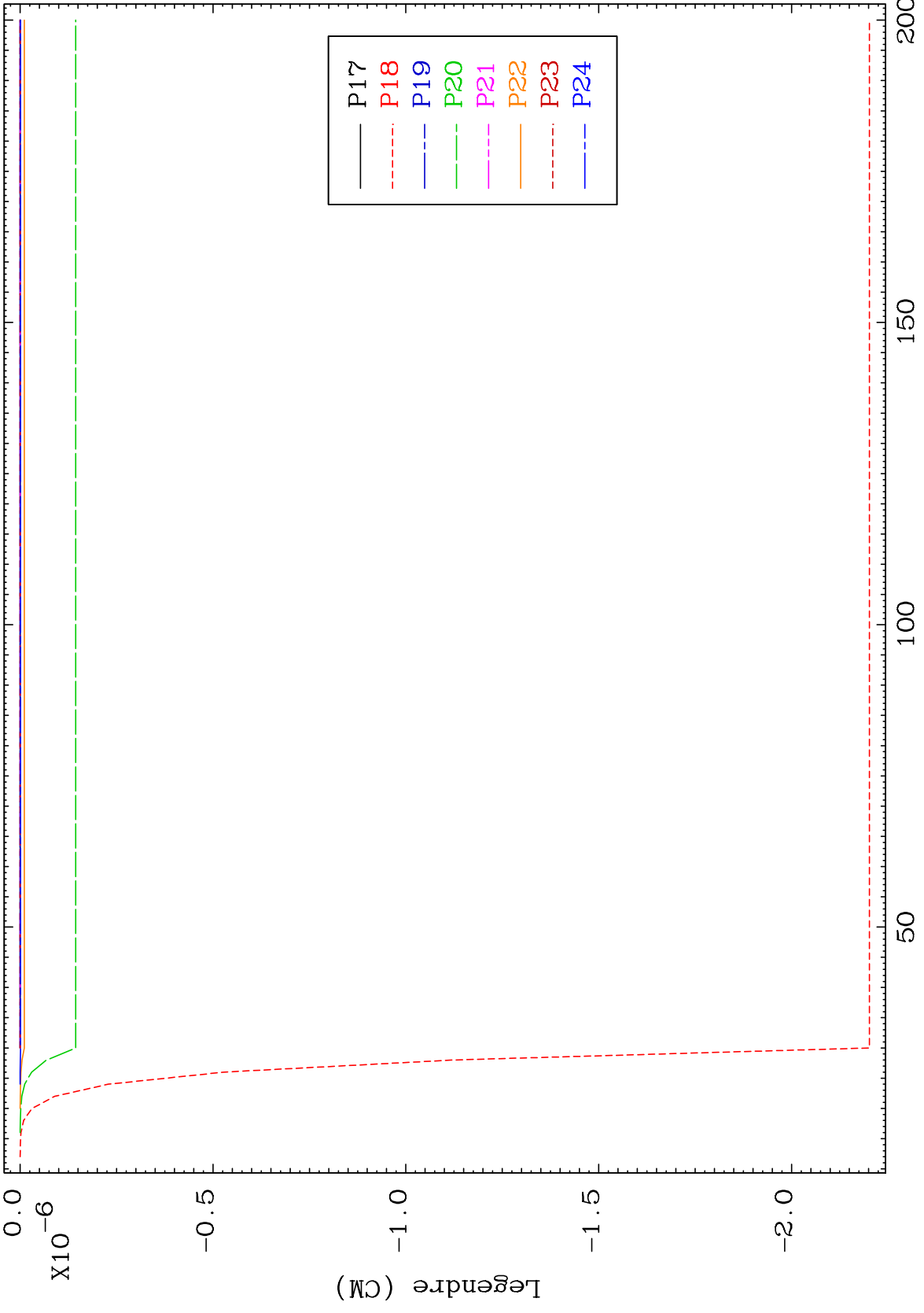


34

Incident Energy (MeV)

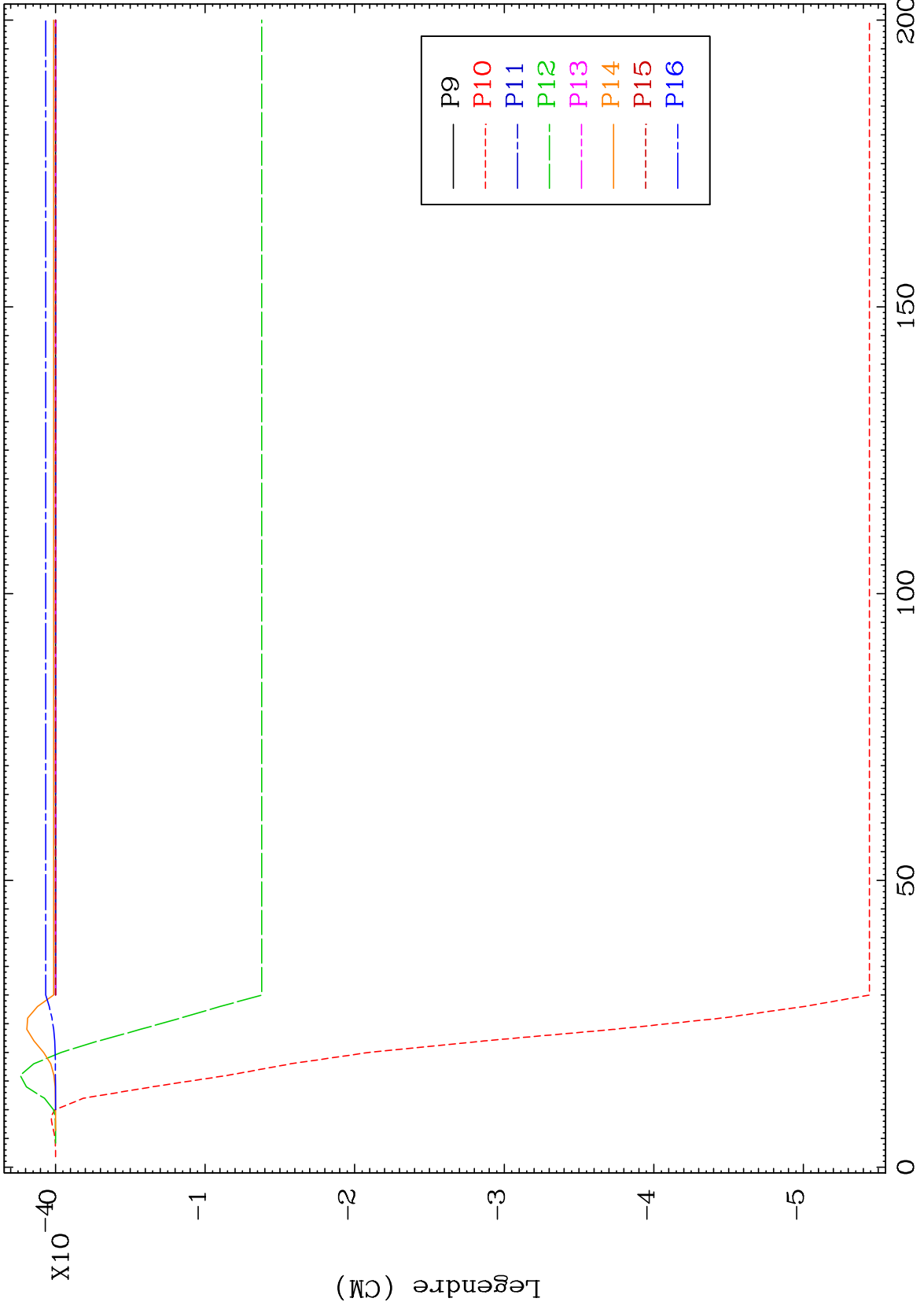
31-Ga-81

MAT 3161 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-81



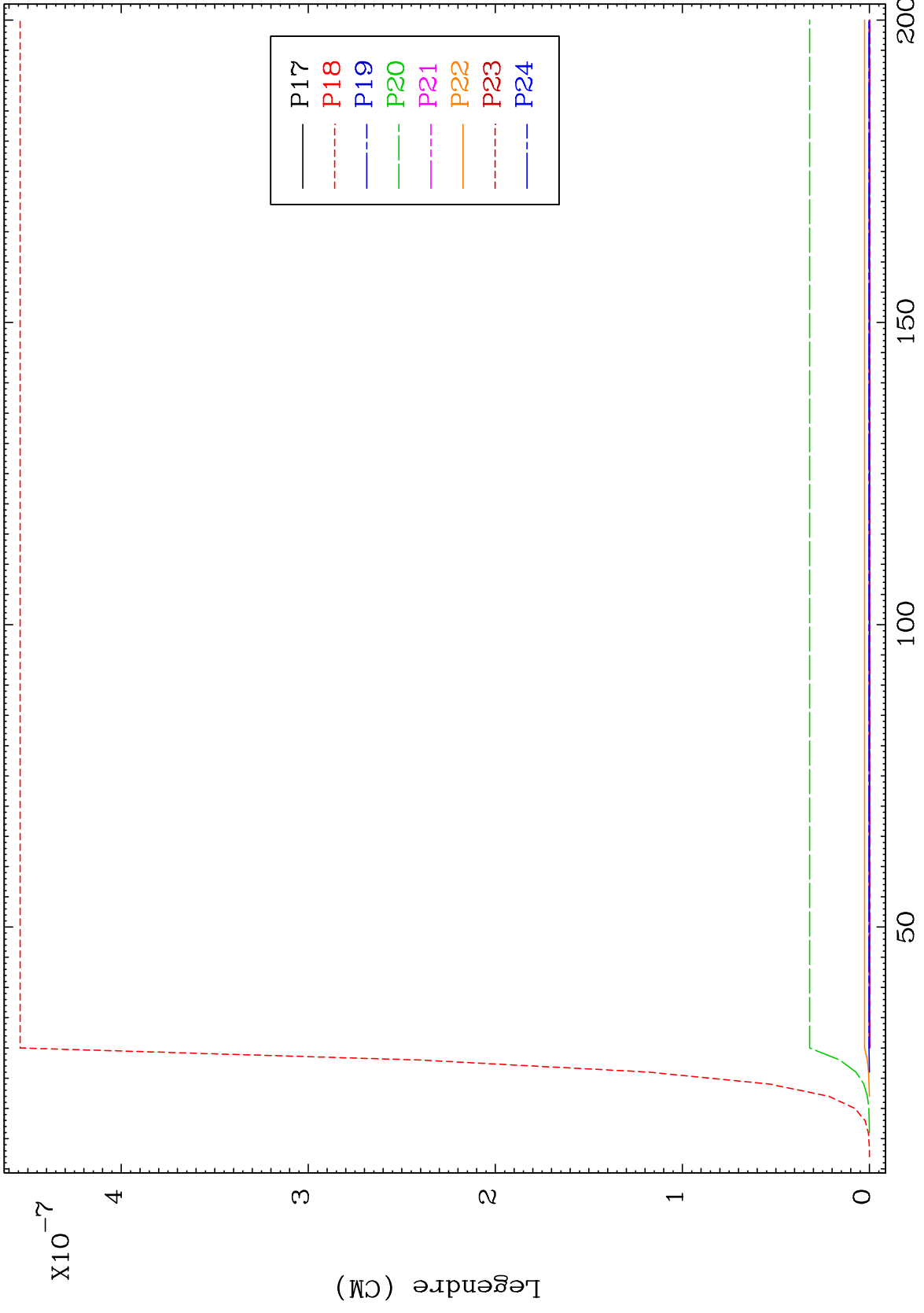
35 Incident Energy (MeV) 200 31-Ga-81

MAT 3161 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-81



37 31-Ga-81

MAT 3161 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-81

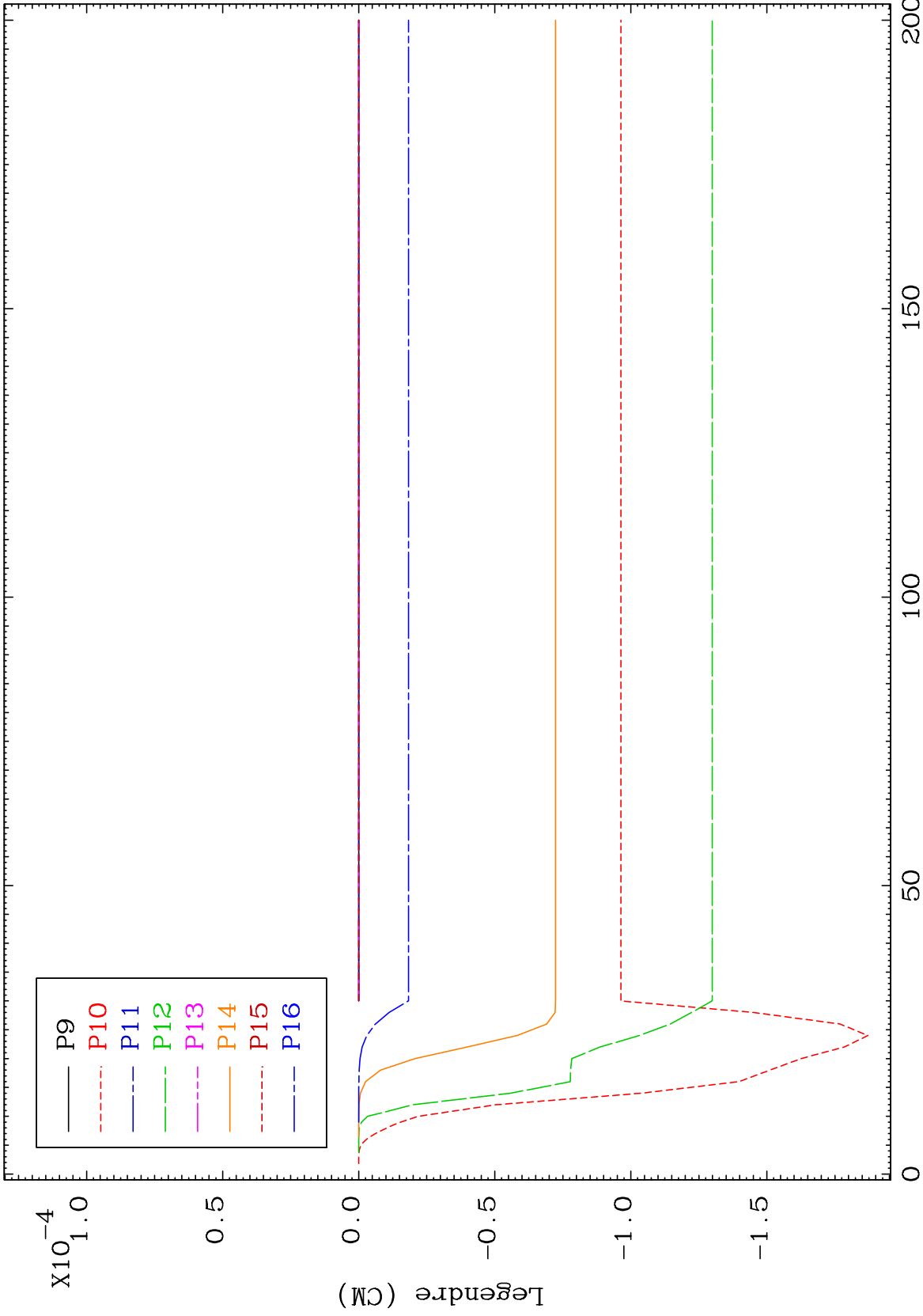


38 Incident Energy (MeV) 31-Ga-81

MAT 3161

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

31-Ga-81

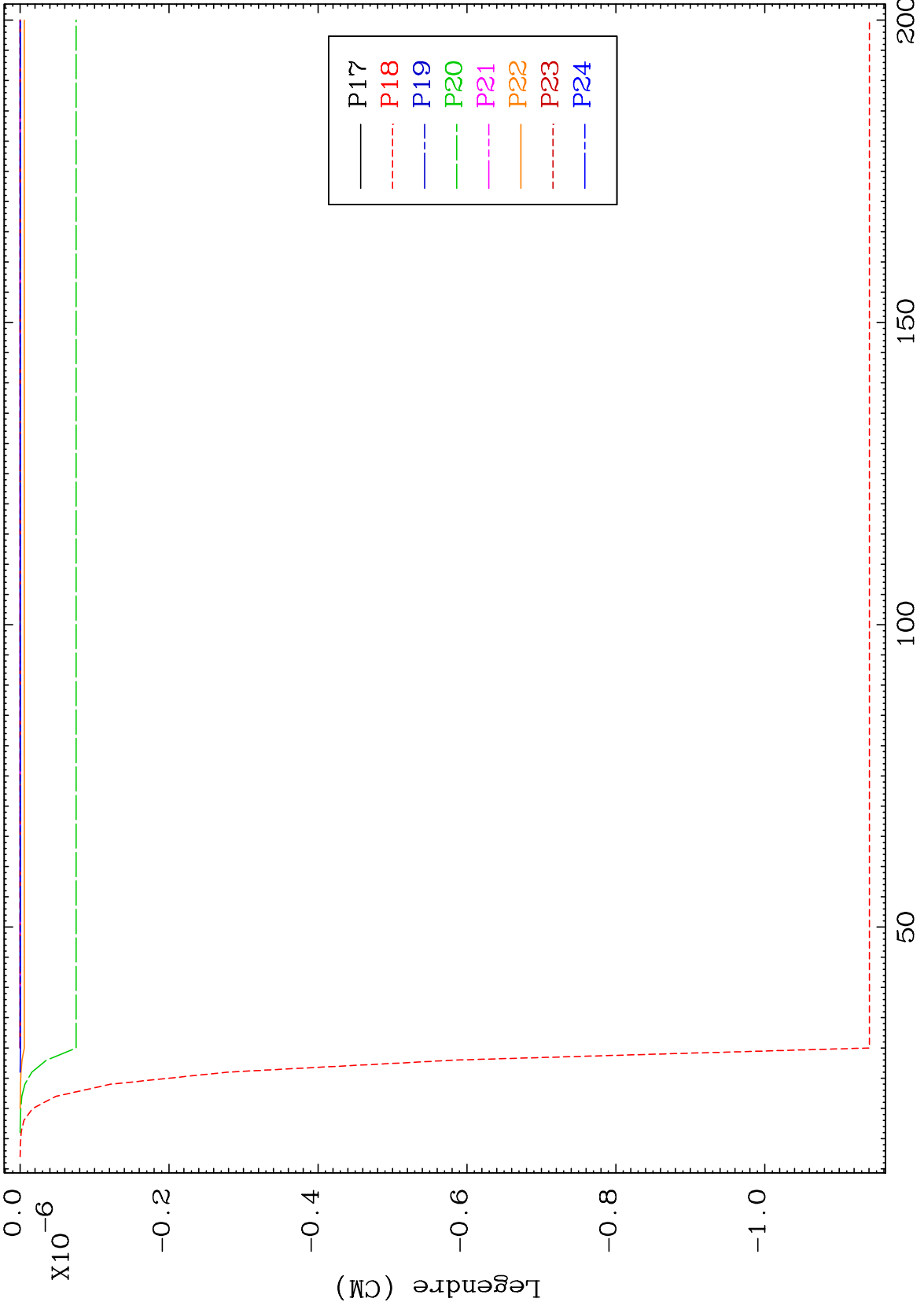


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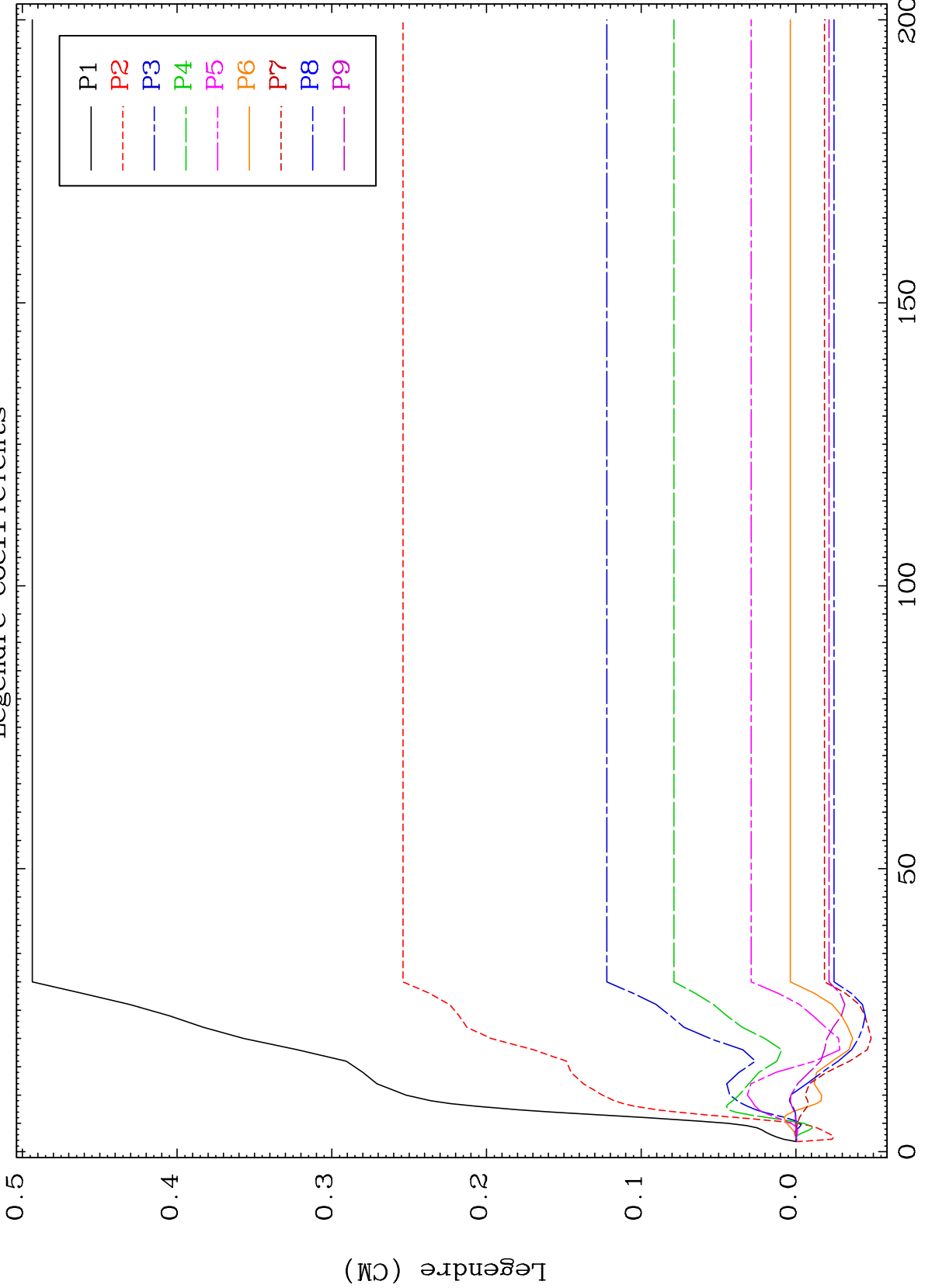
Incident Energy (MeV)

31-Ga-81

MAT 3161 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-81



MAT 3161 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-81

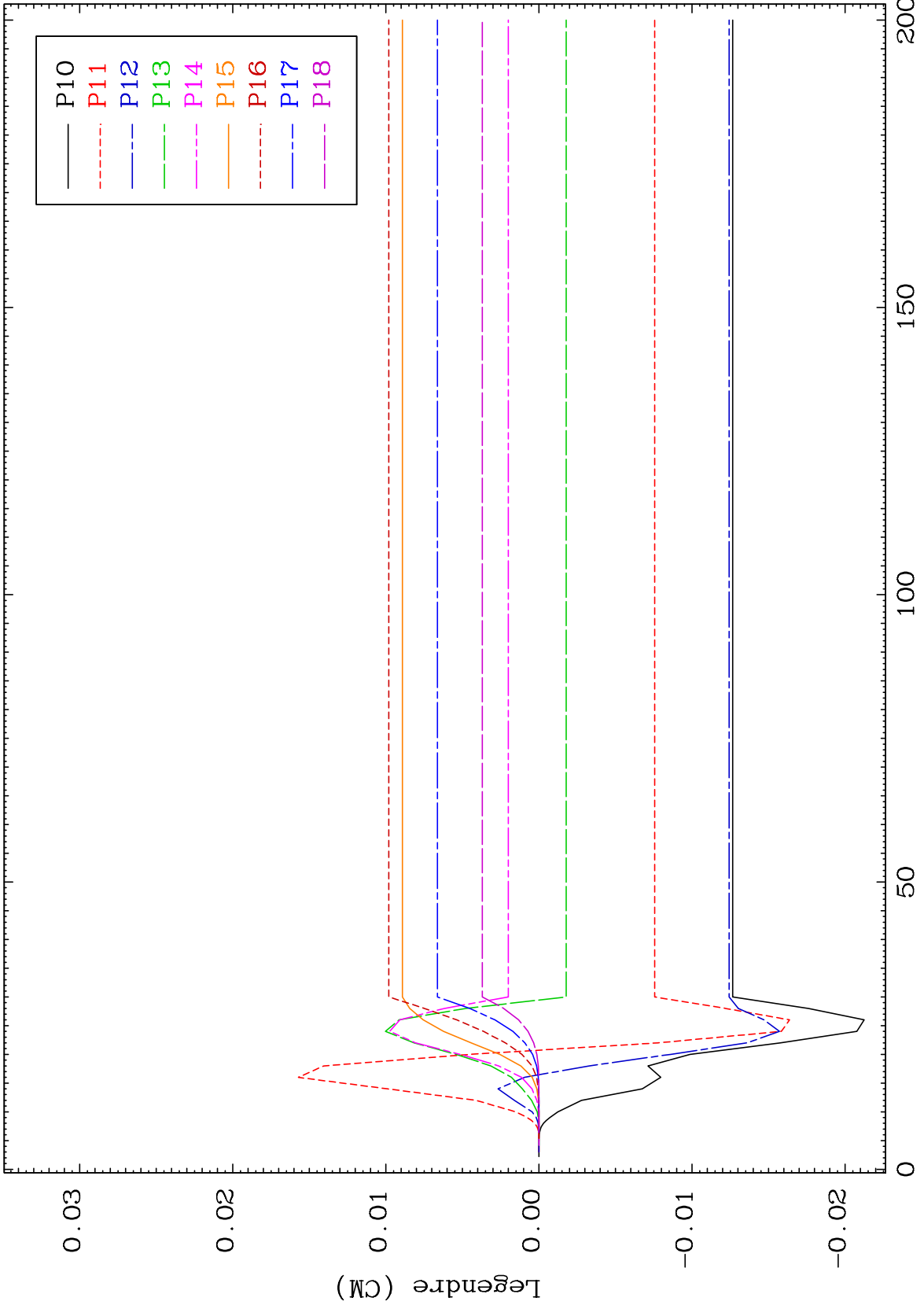


31-Ga-81

Incident Energy (MeV)

42

MAT 3161 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-81



31-Ga-81

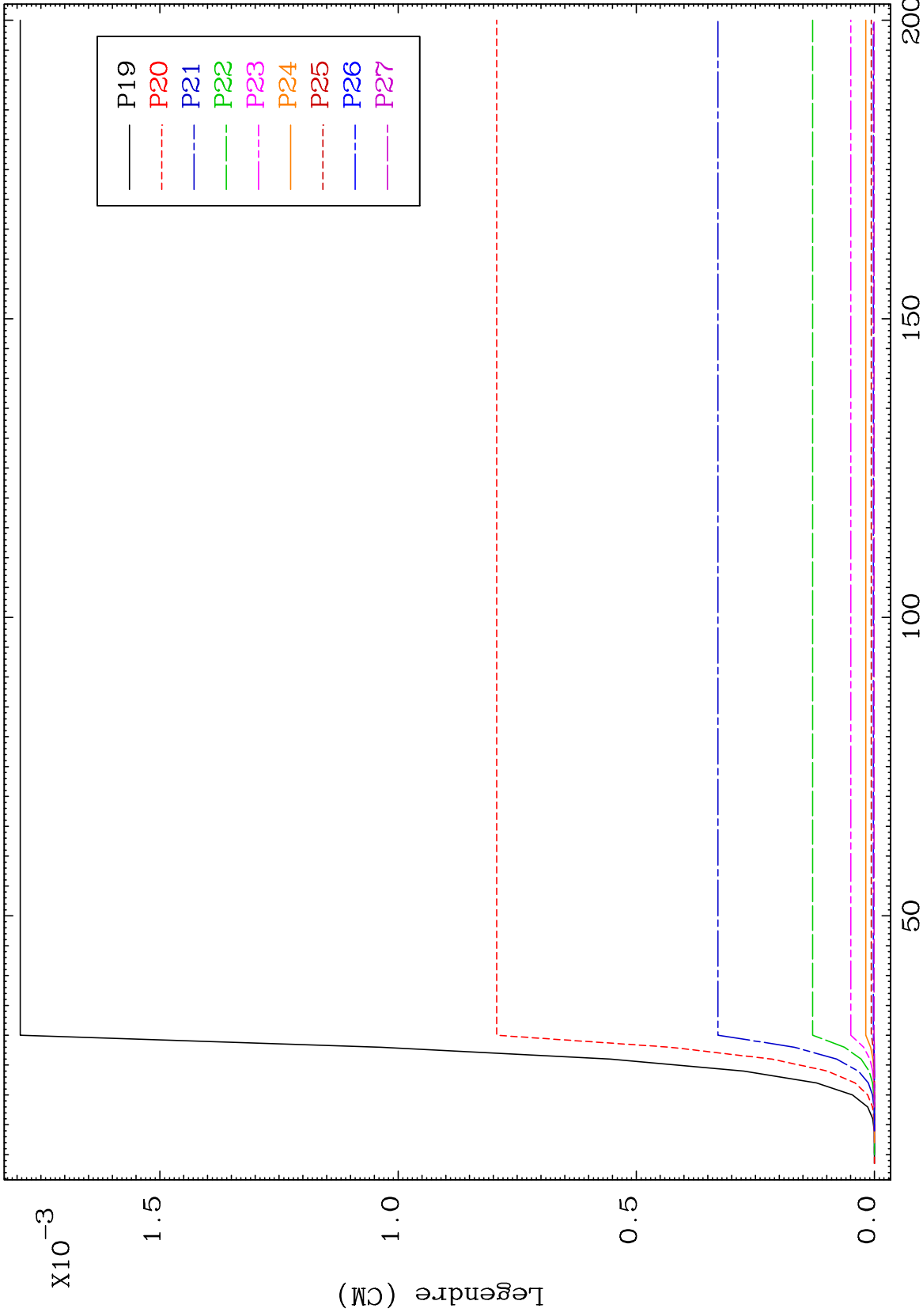
Incident Energy (MeV)

43

MAT 3161

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

31-Ga-81



44

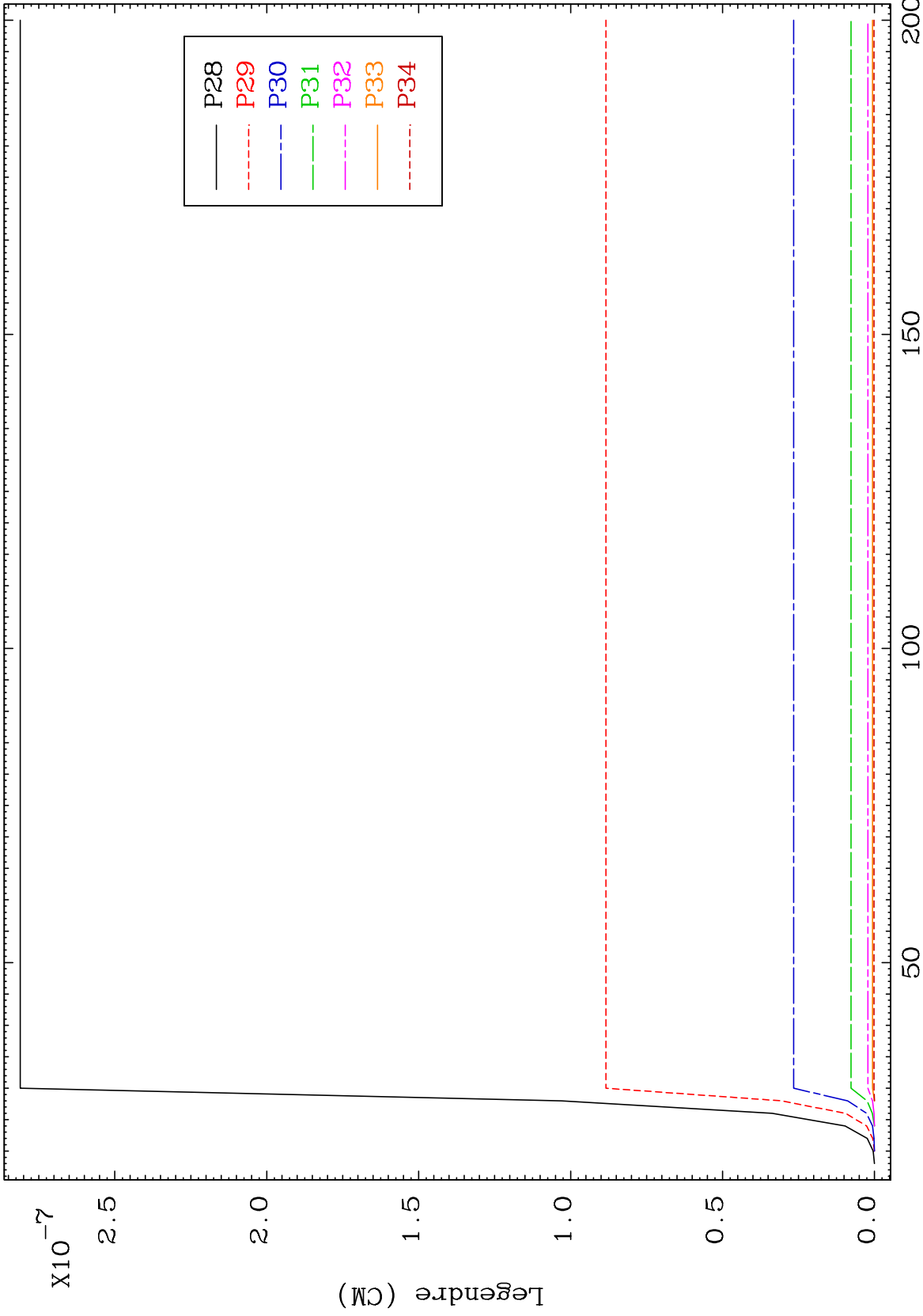
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81

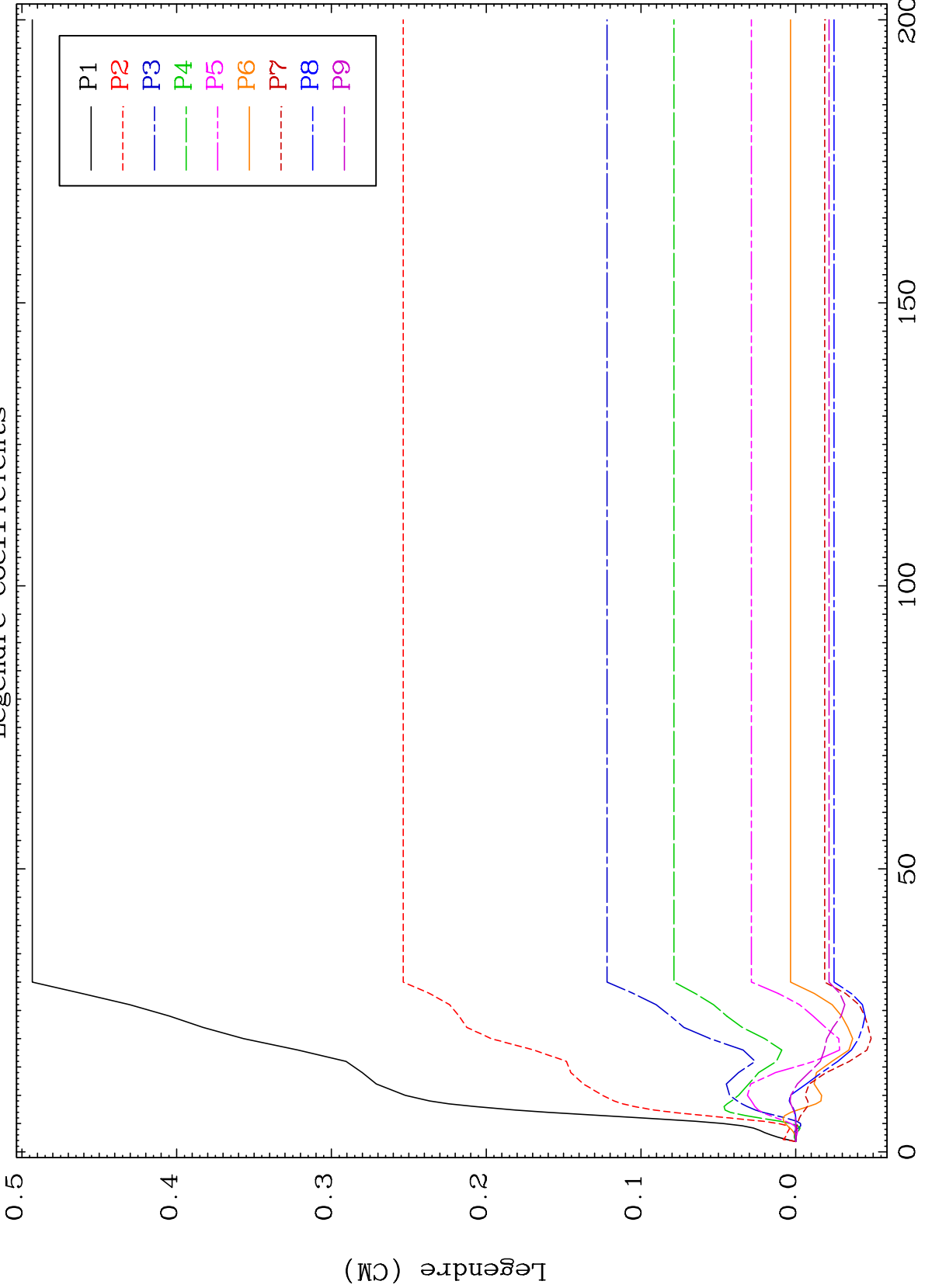


45

Incident Energy (MeV)

31-Ga-81

MAT 3161 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-81

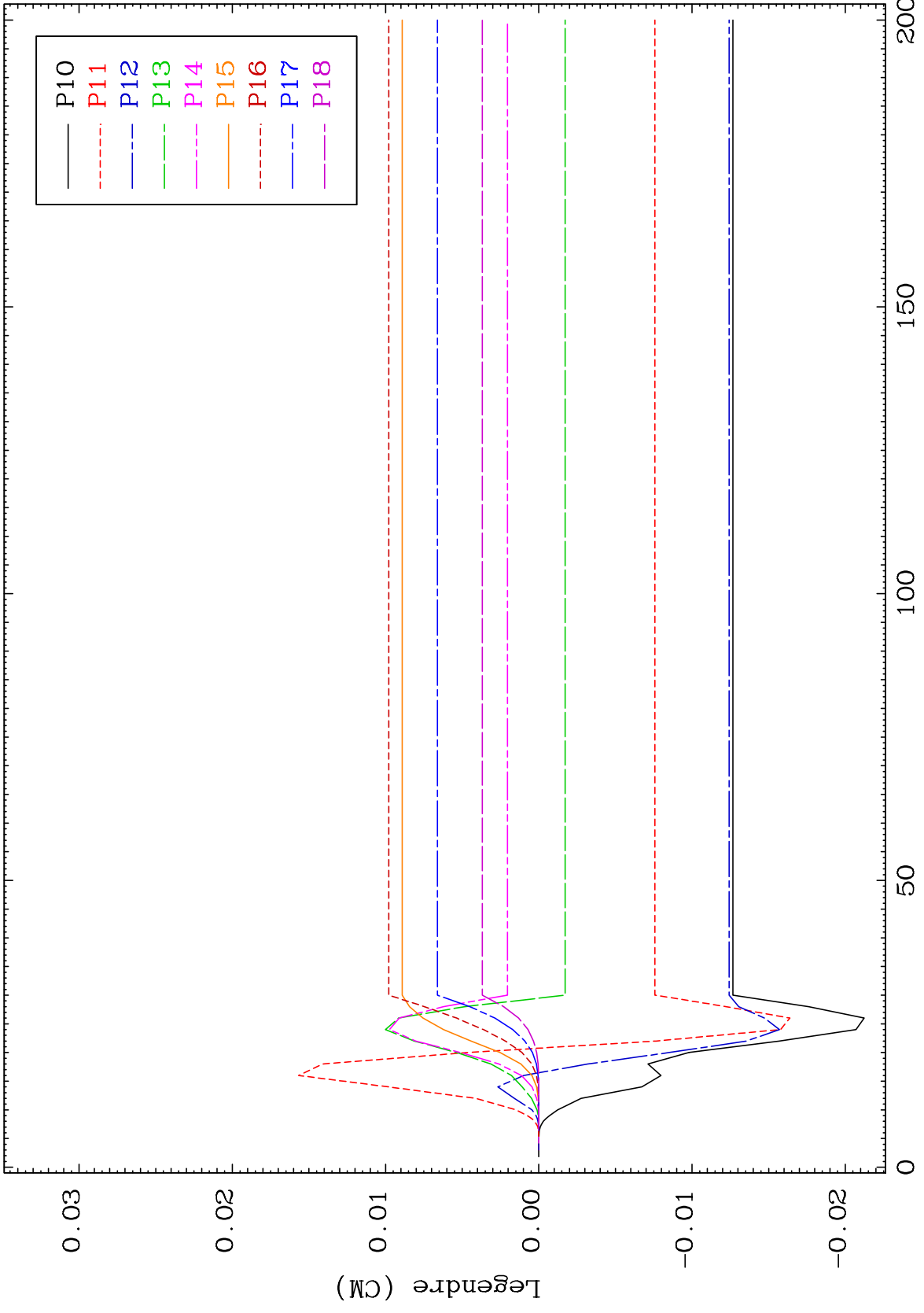


31-Ga-81

Incident Energy (MeV)

46

MAT 3161 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-81

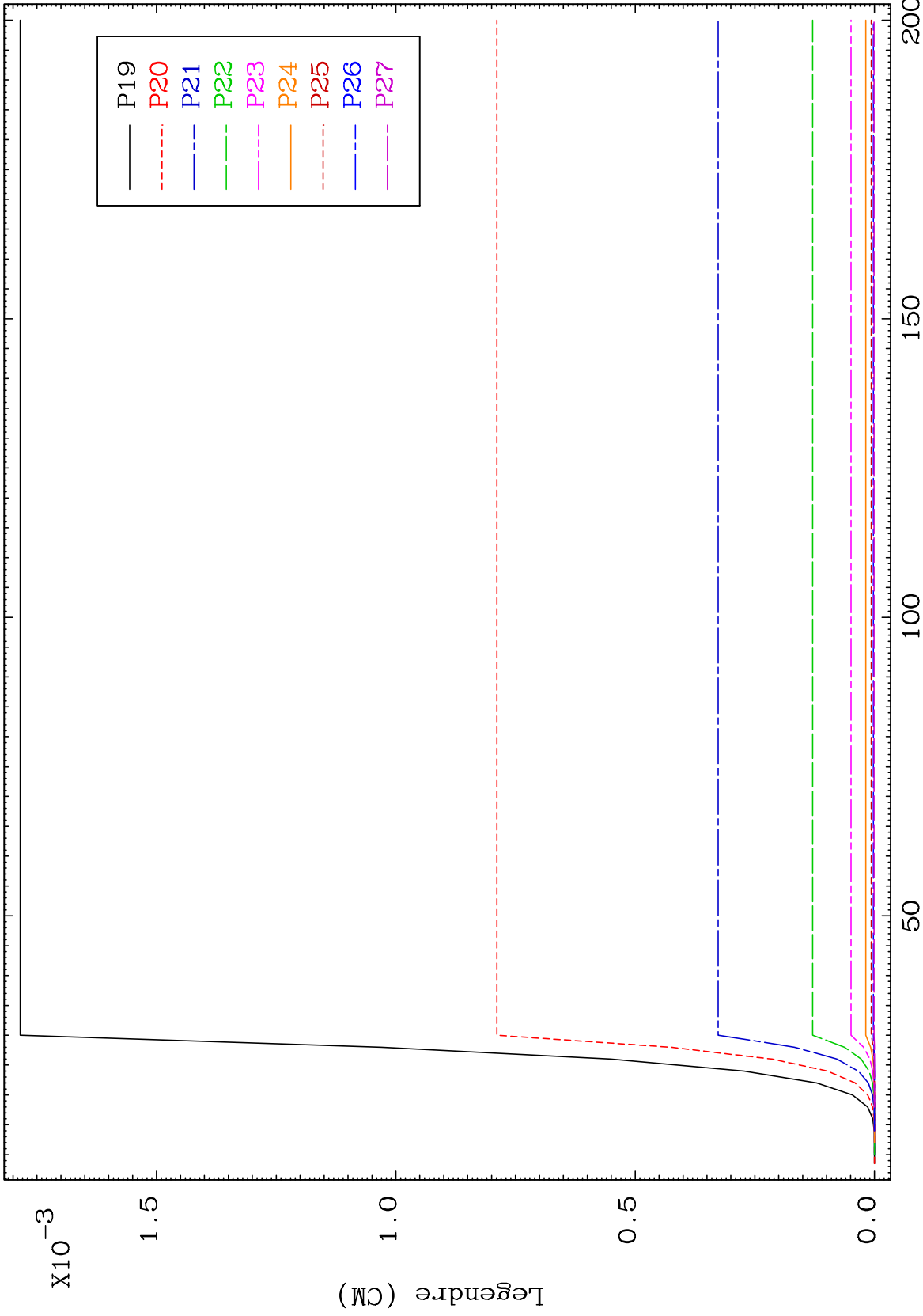


47 31-Ga-81

MAT 3161

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

31-Ga-81



48

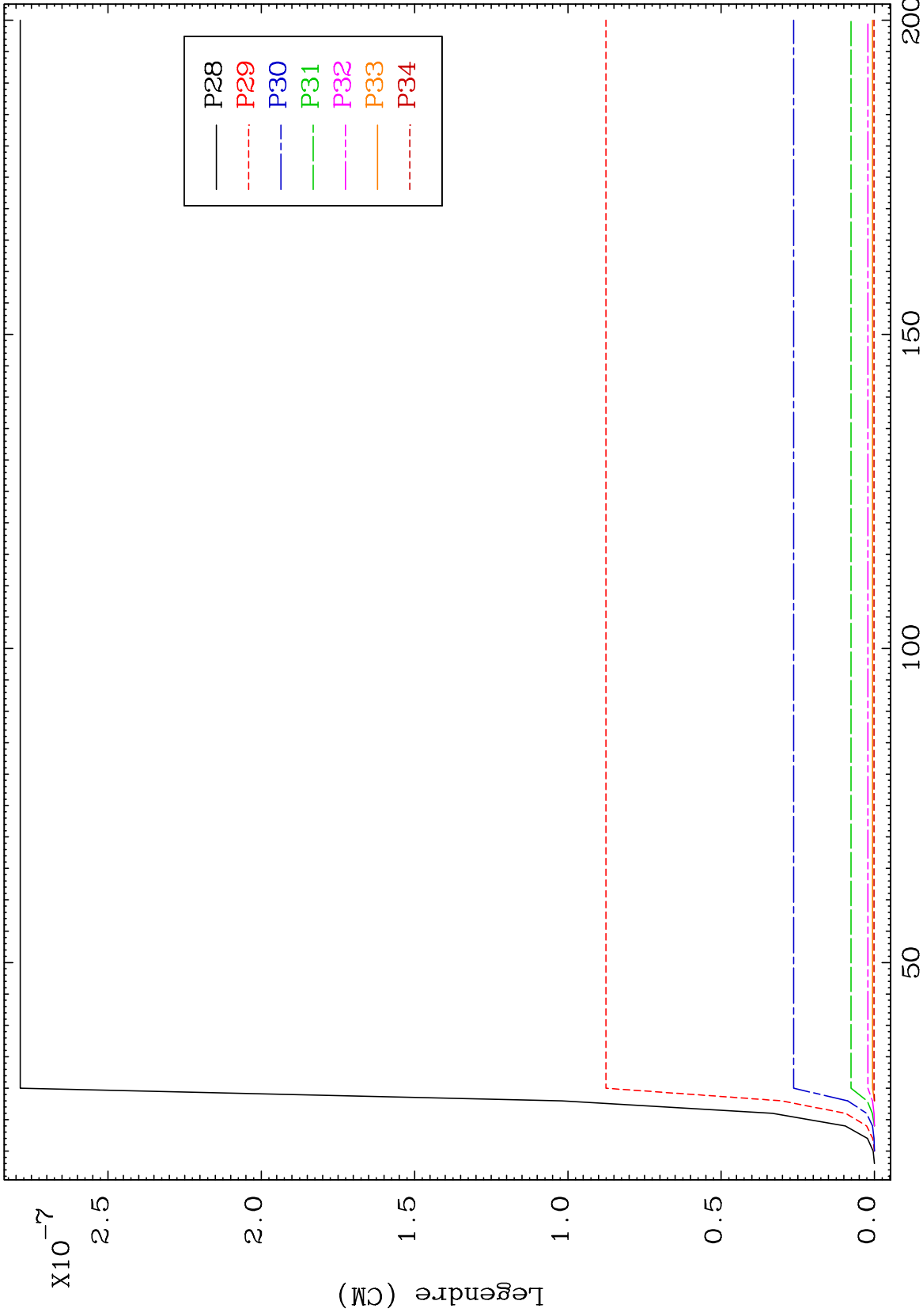
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

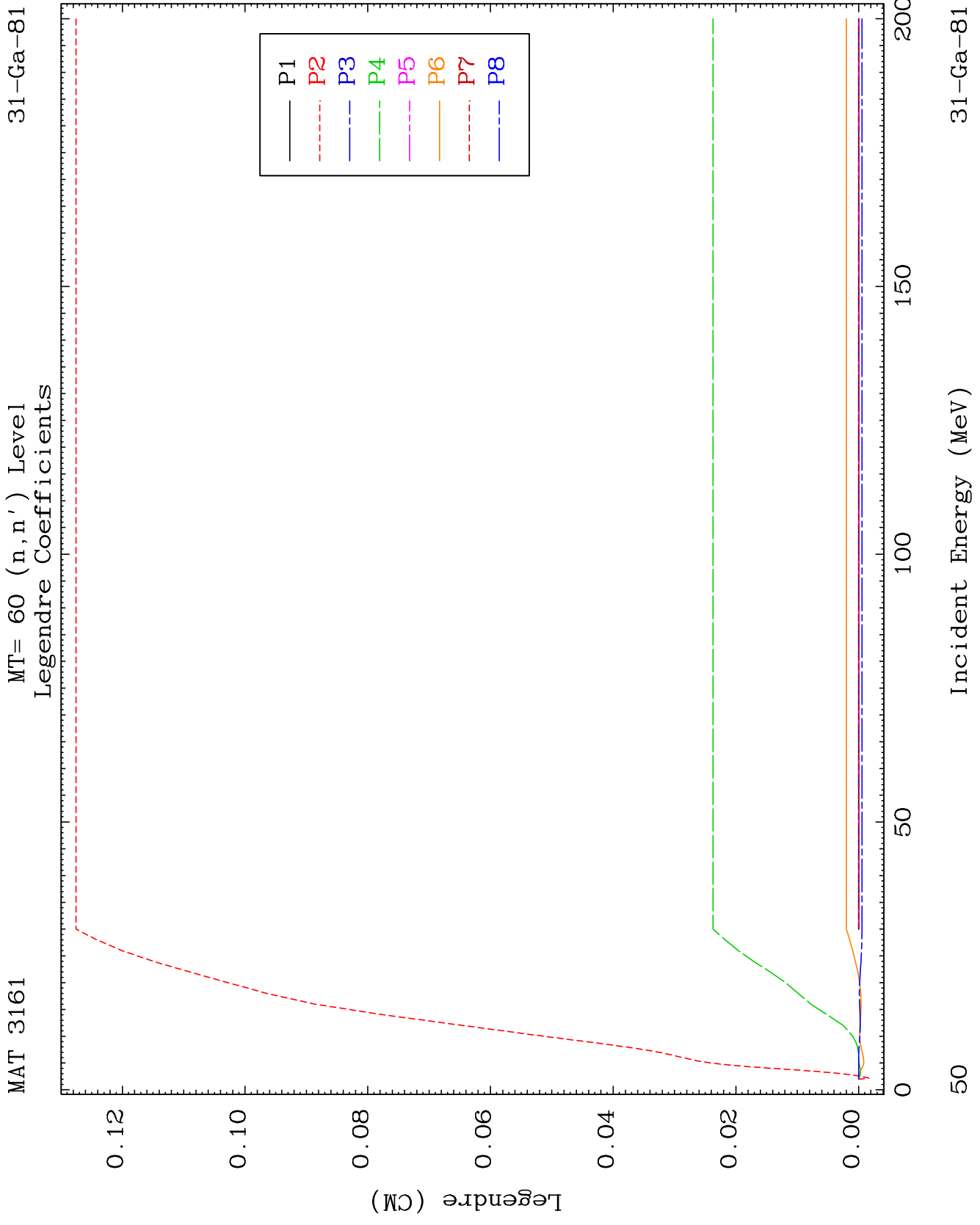
31-Ga-81



49

Incident Energy (MeV)

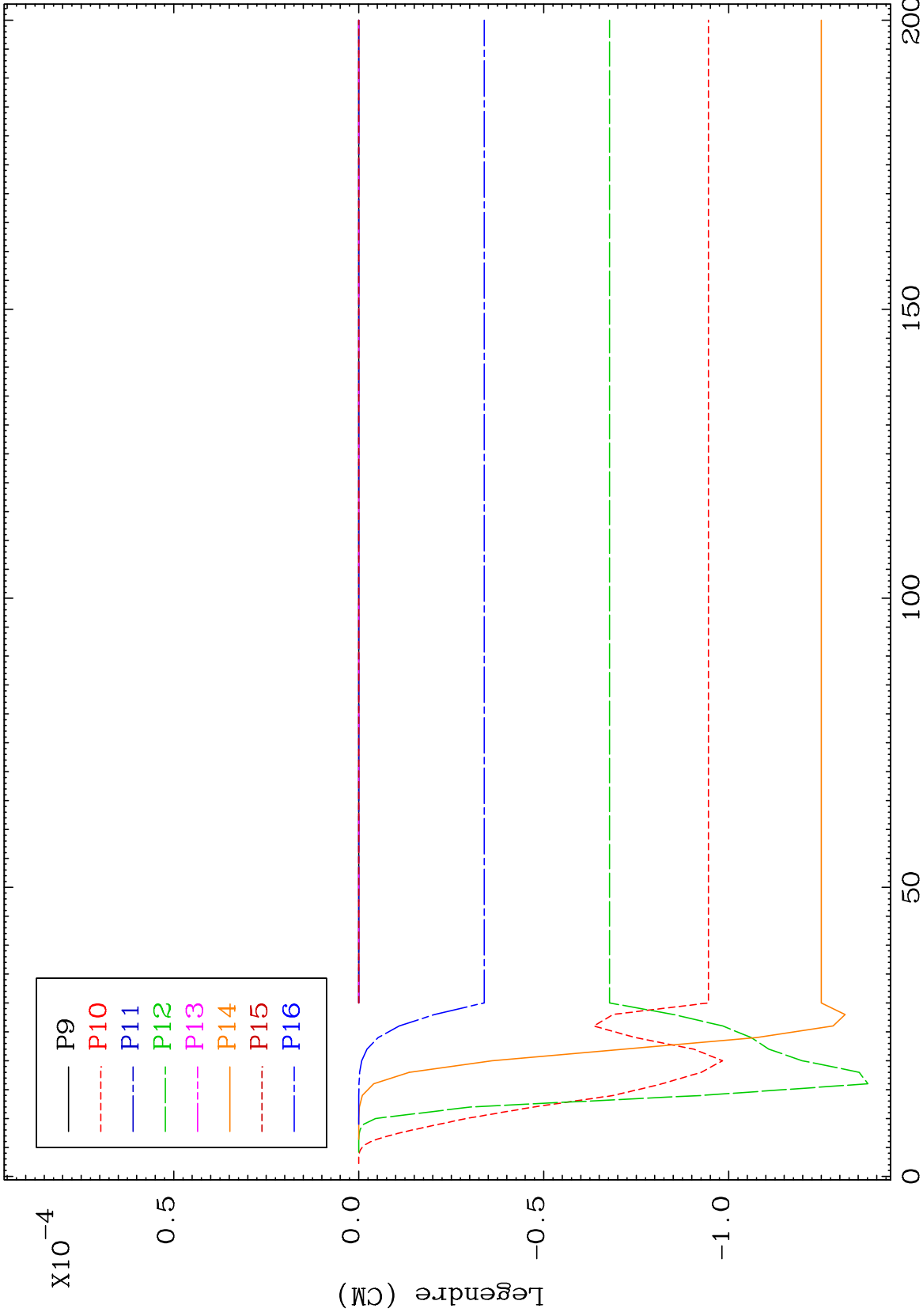
31-Ga-81



MAT 3161

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

31-Ga-81

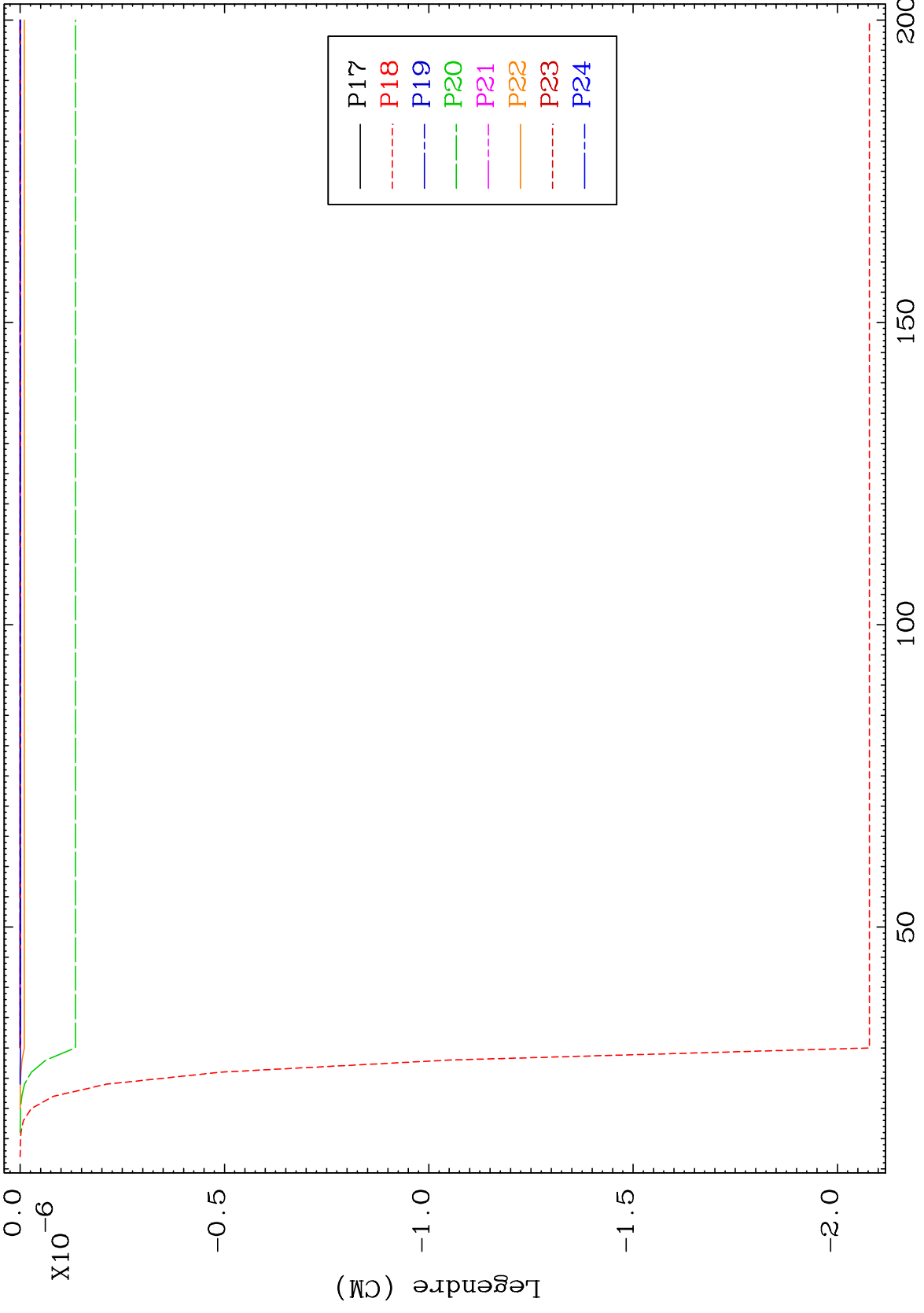


51

Incident Energy (MeV)

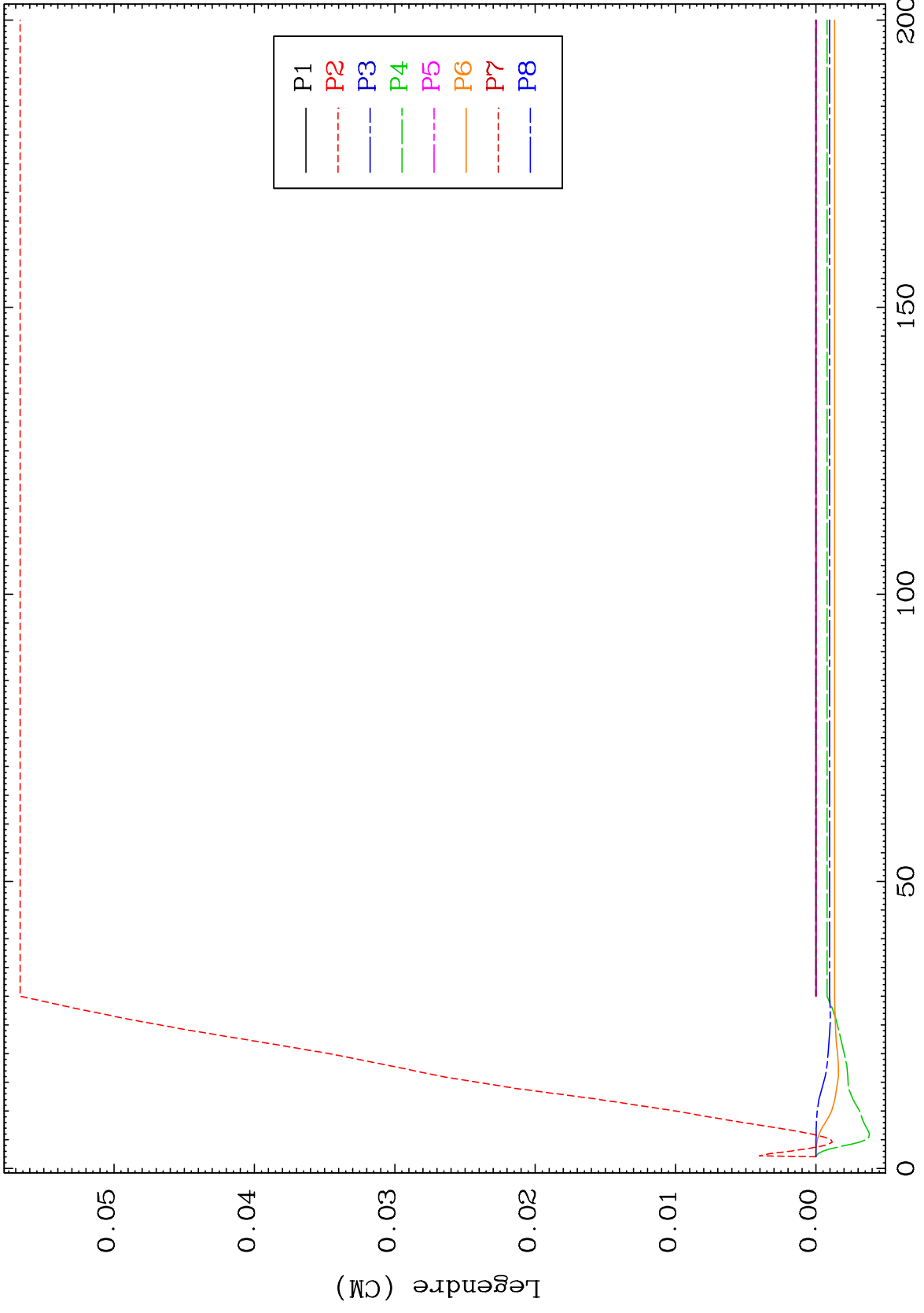
31-Ga-81

MAT 3161 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-81

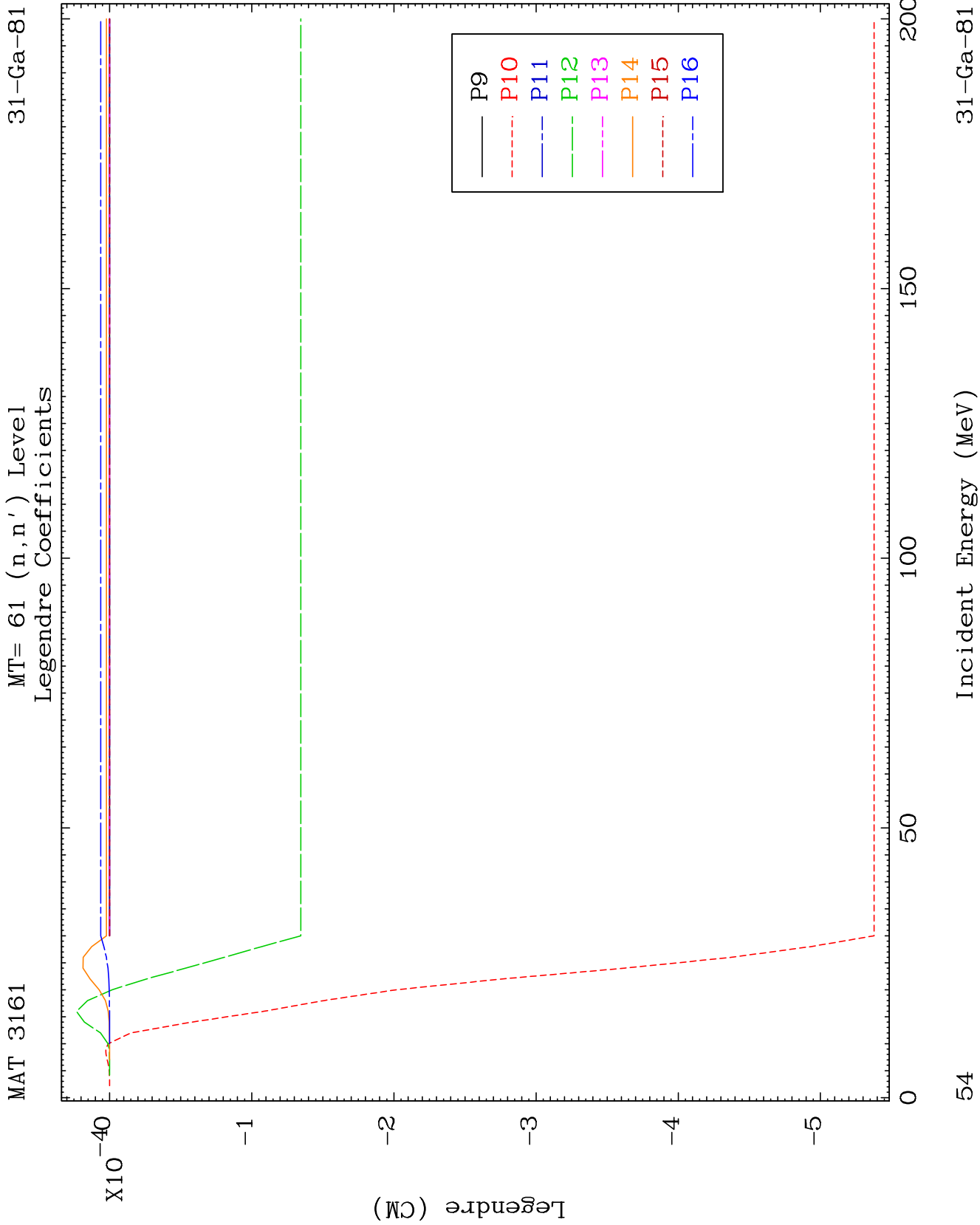


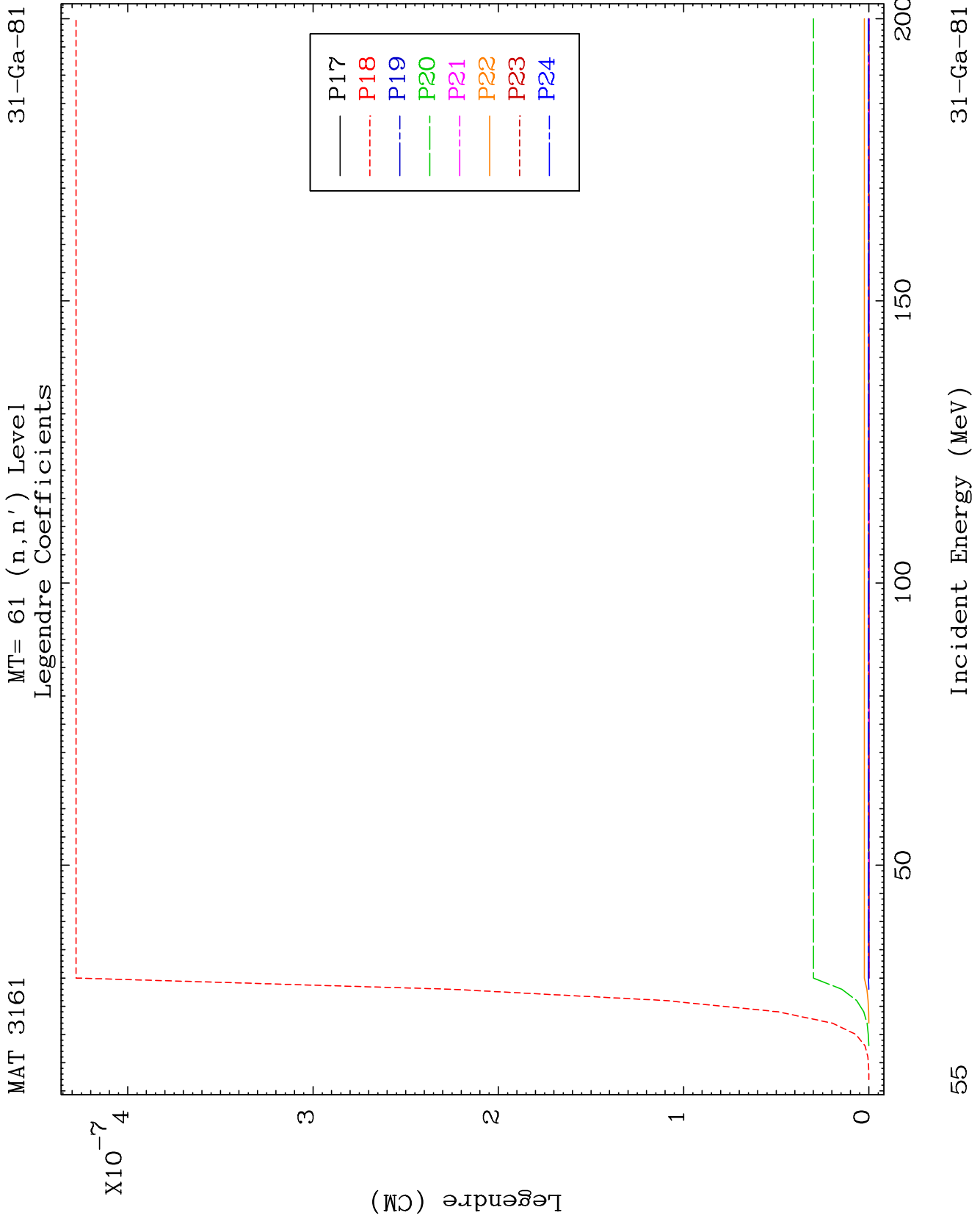
52 31-Ga-81

MAT 3161 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-81

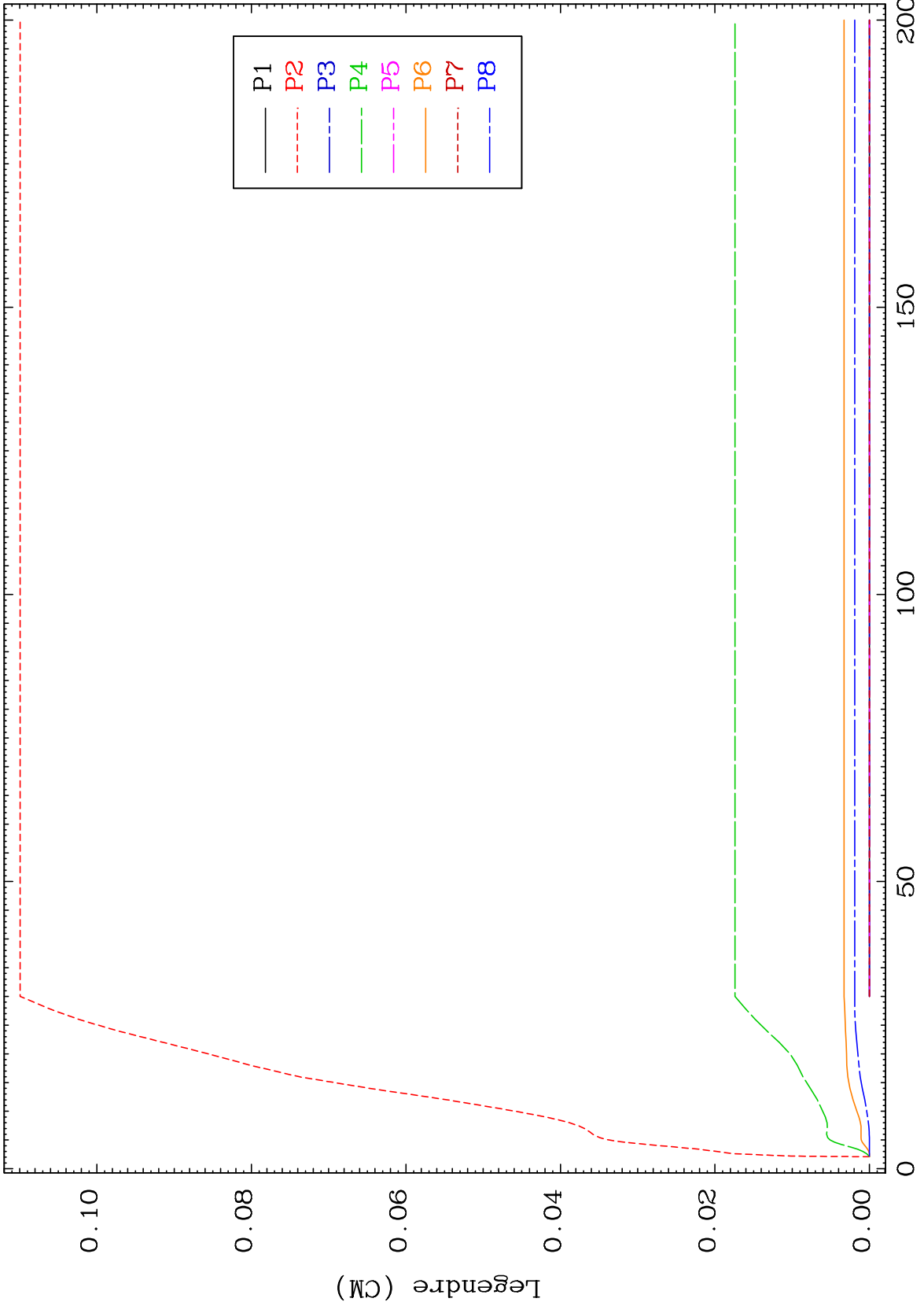


53 Incident Energy (MeV) 31-Ga-81





MAT 3161 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-81

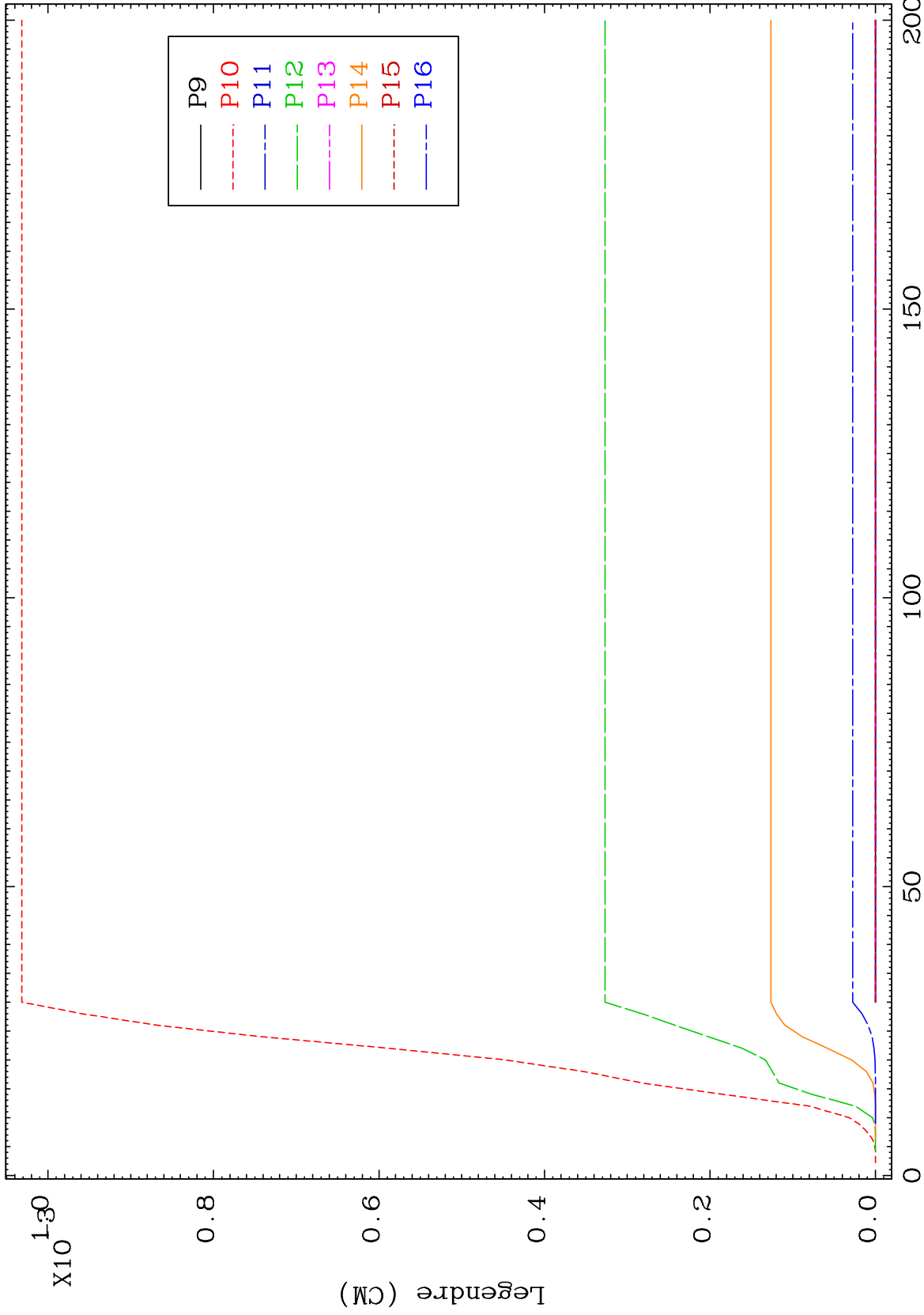


56 31-Ga-81

MAT 3161

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

31-Ga-81

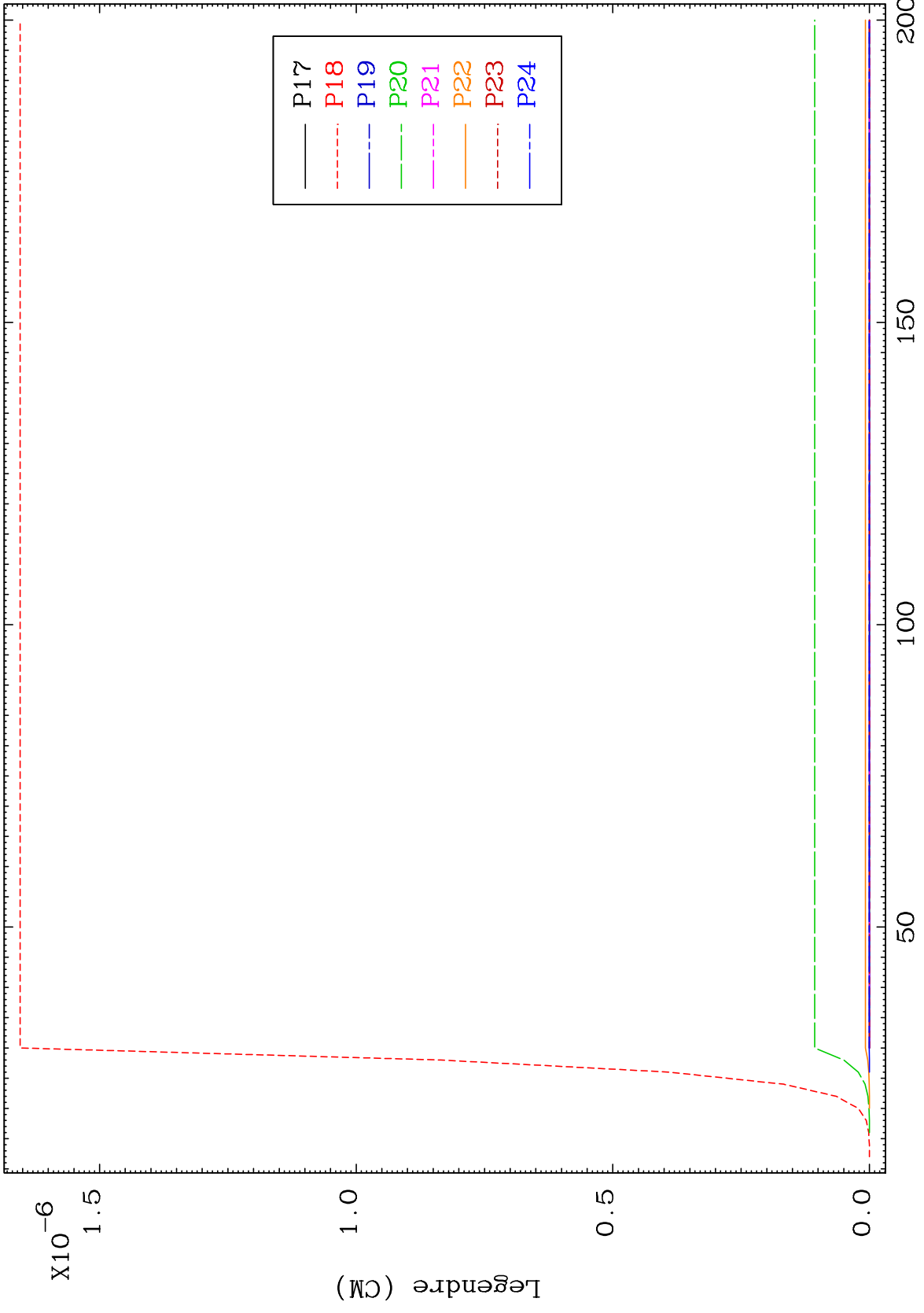


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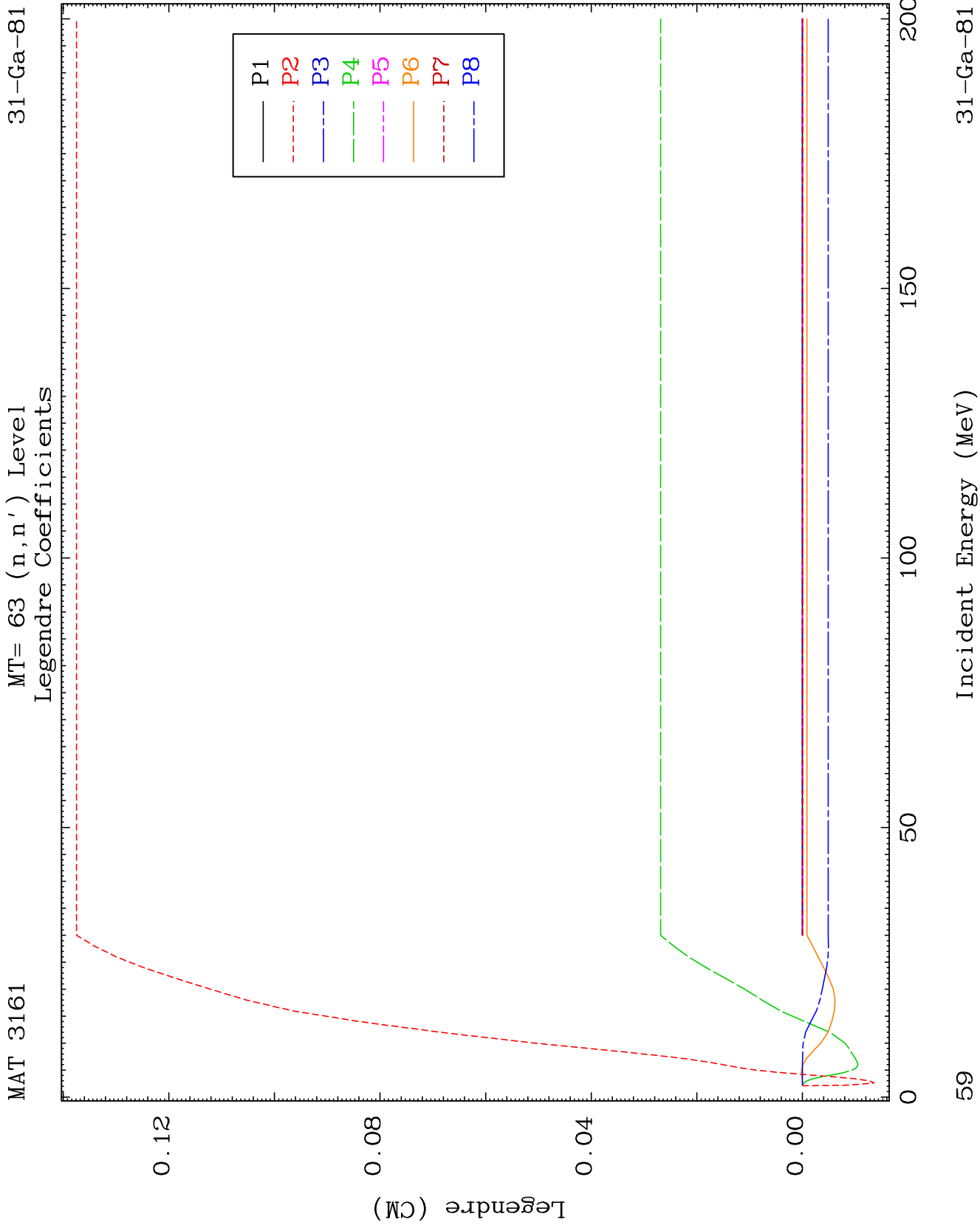
Incident Energy (MeV)

31-Ga-81

MAT 3161 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-81



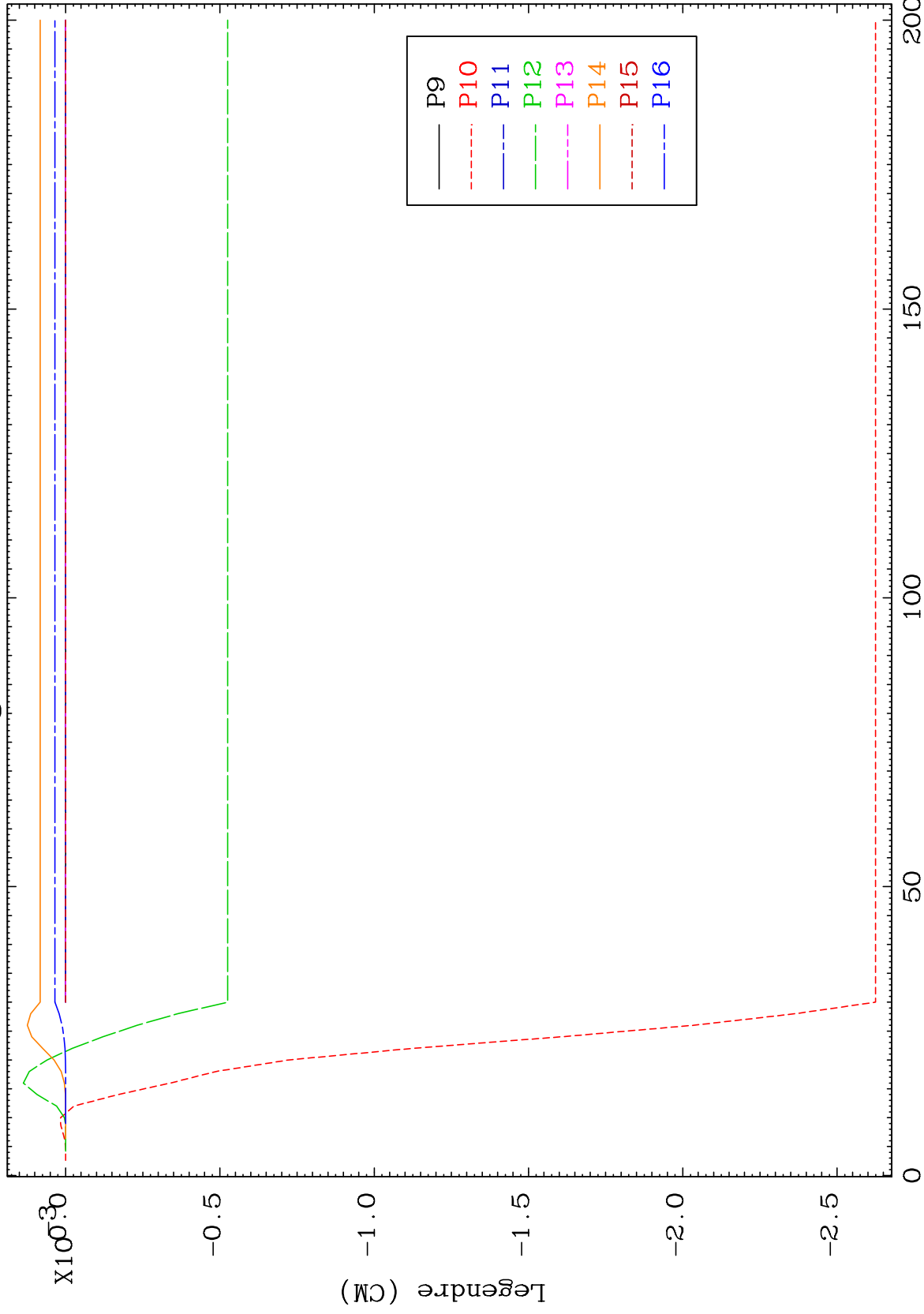
58 31-Ga-81



MAT 3161

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

31-Ga-81

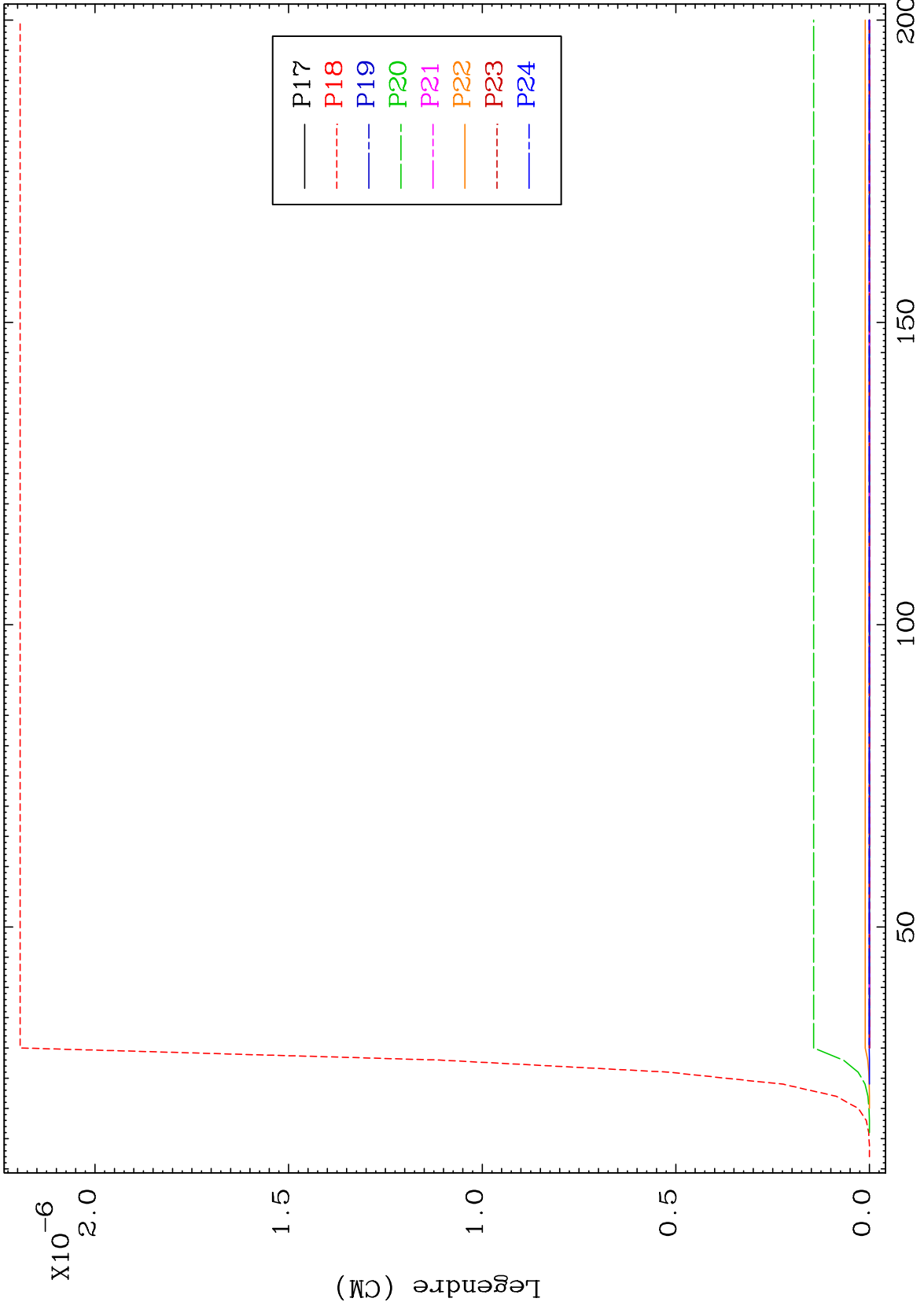


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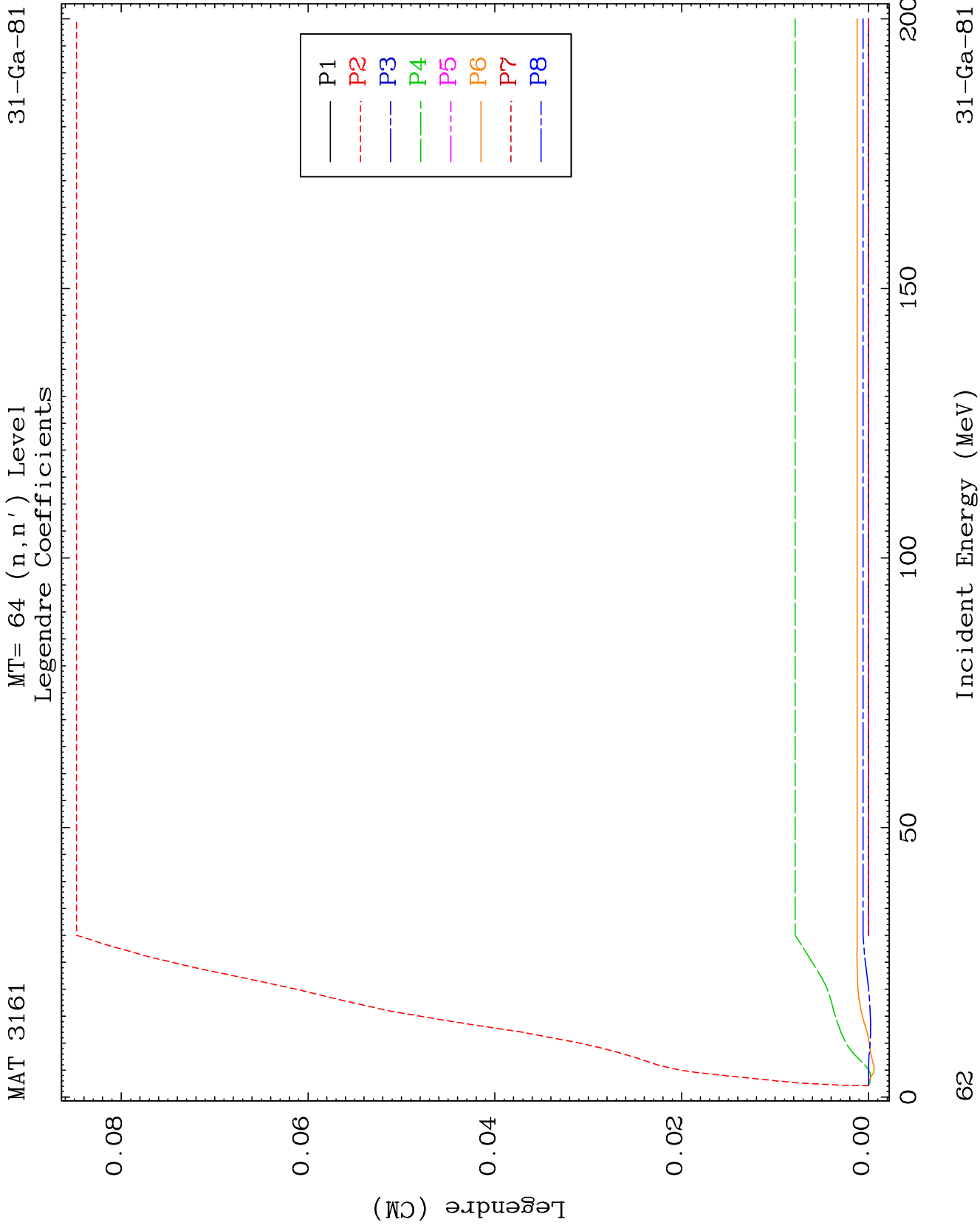
Incident Energy (MeV)

31-Ga-81

MAT 3161 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-81



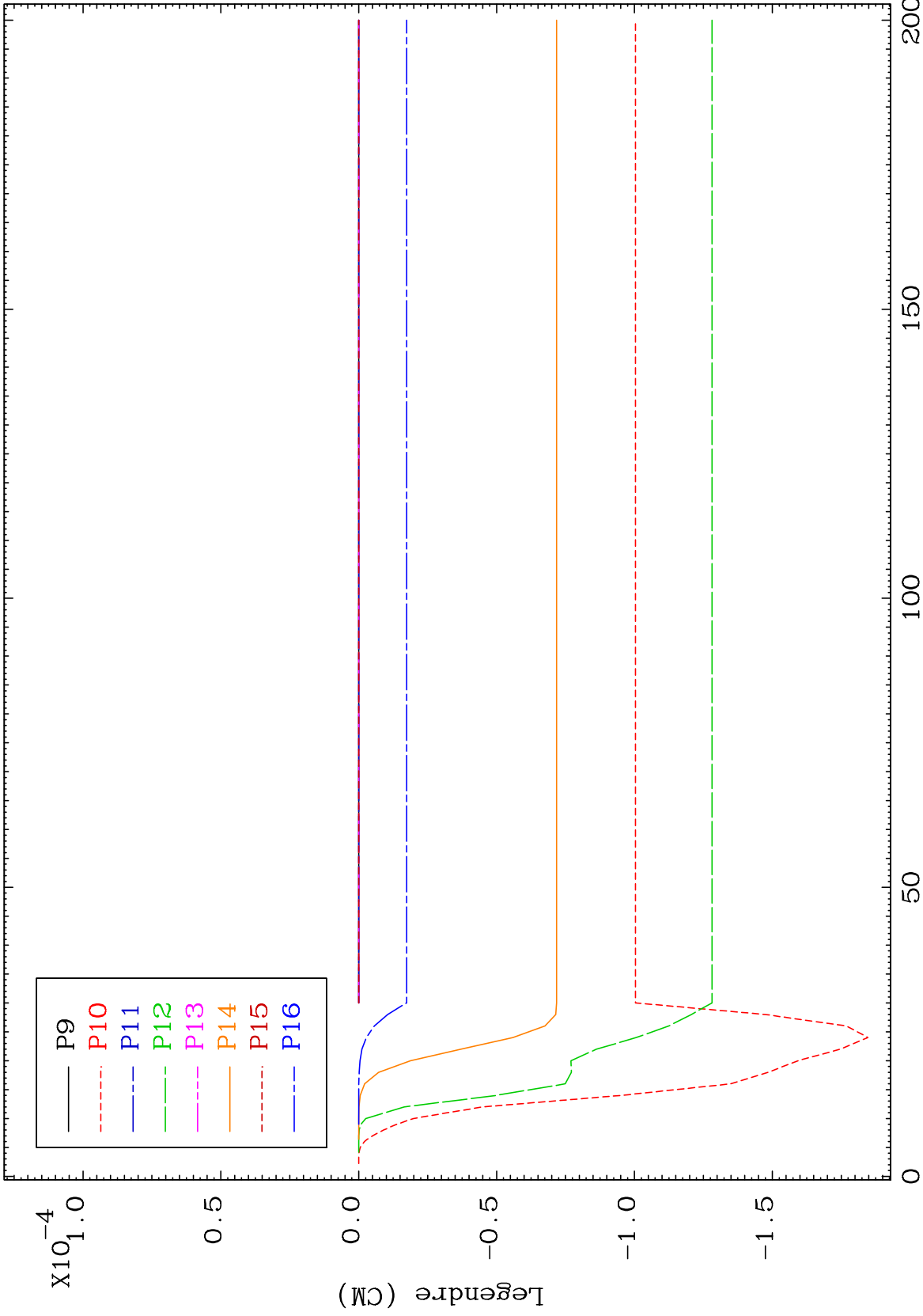
61 31-Ga-81



MAT 3161

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

31-Ga-81

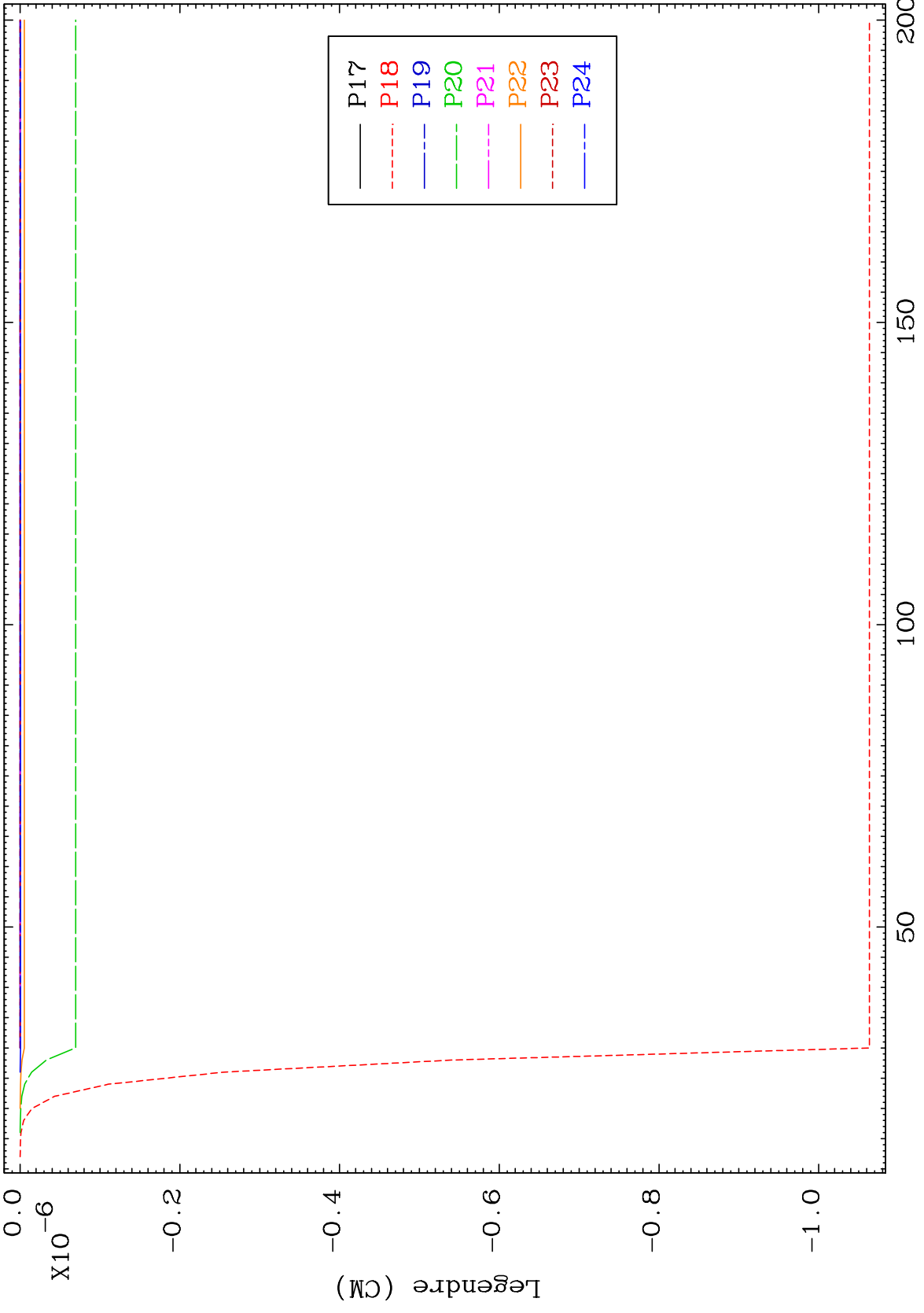


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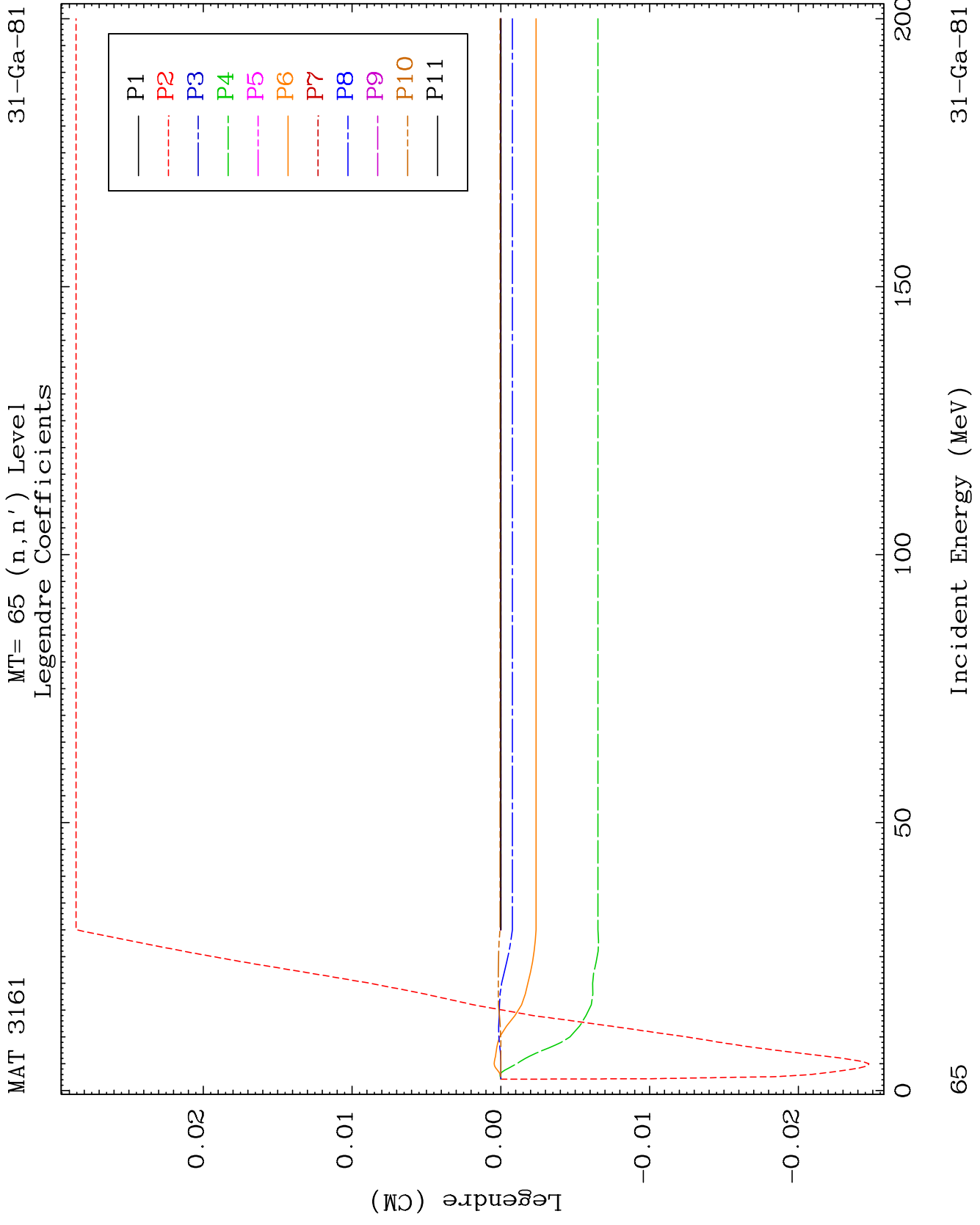
Incident Energy (MeV)

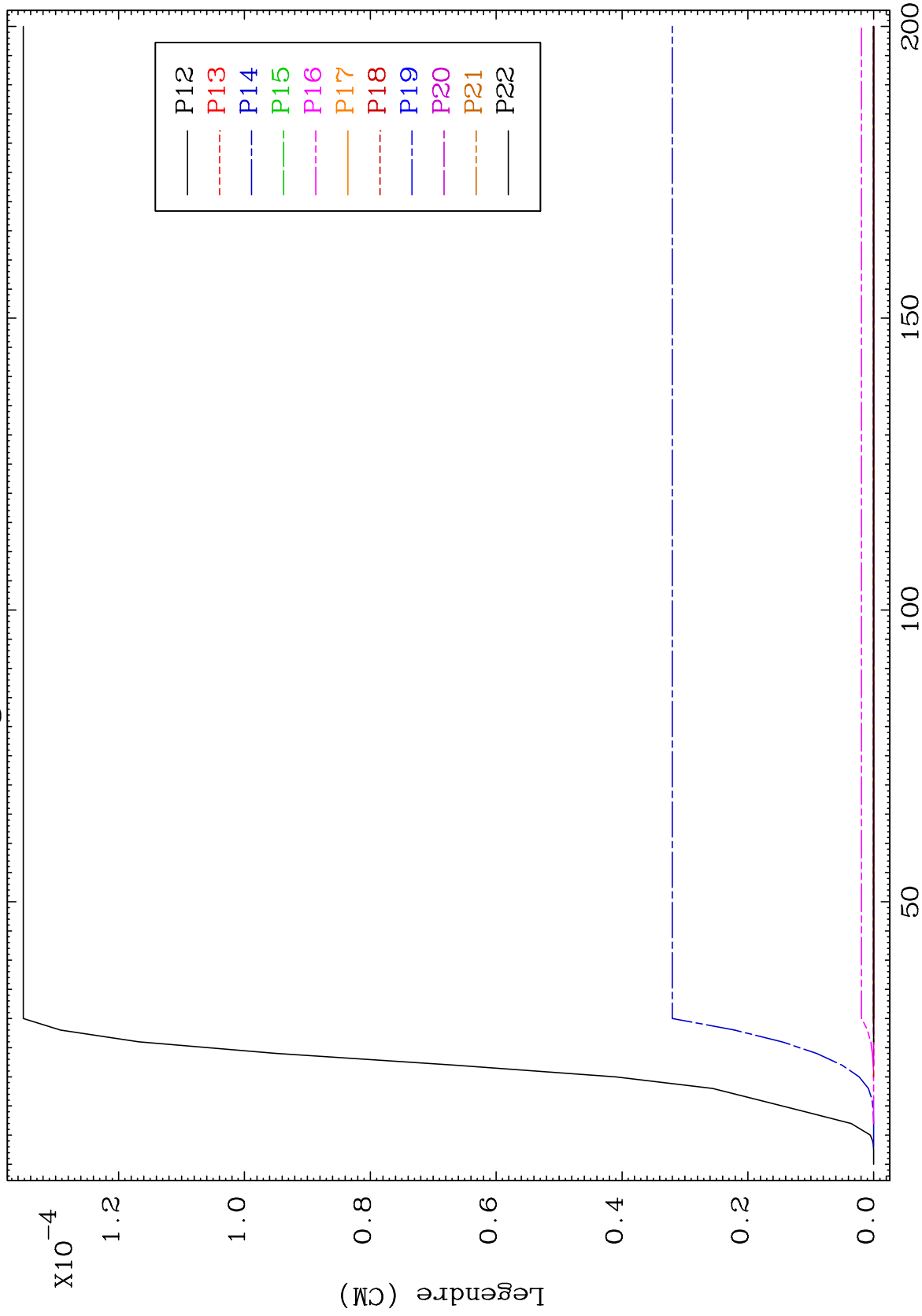
31-Ga-81

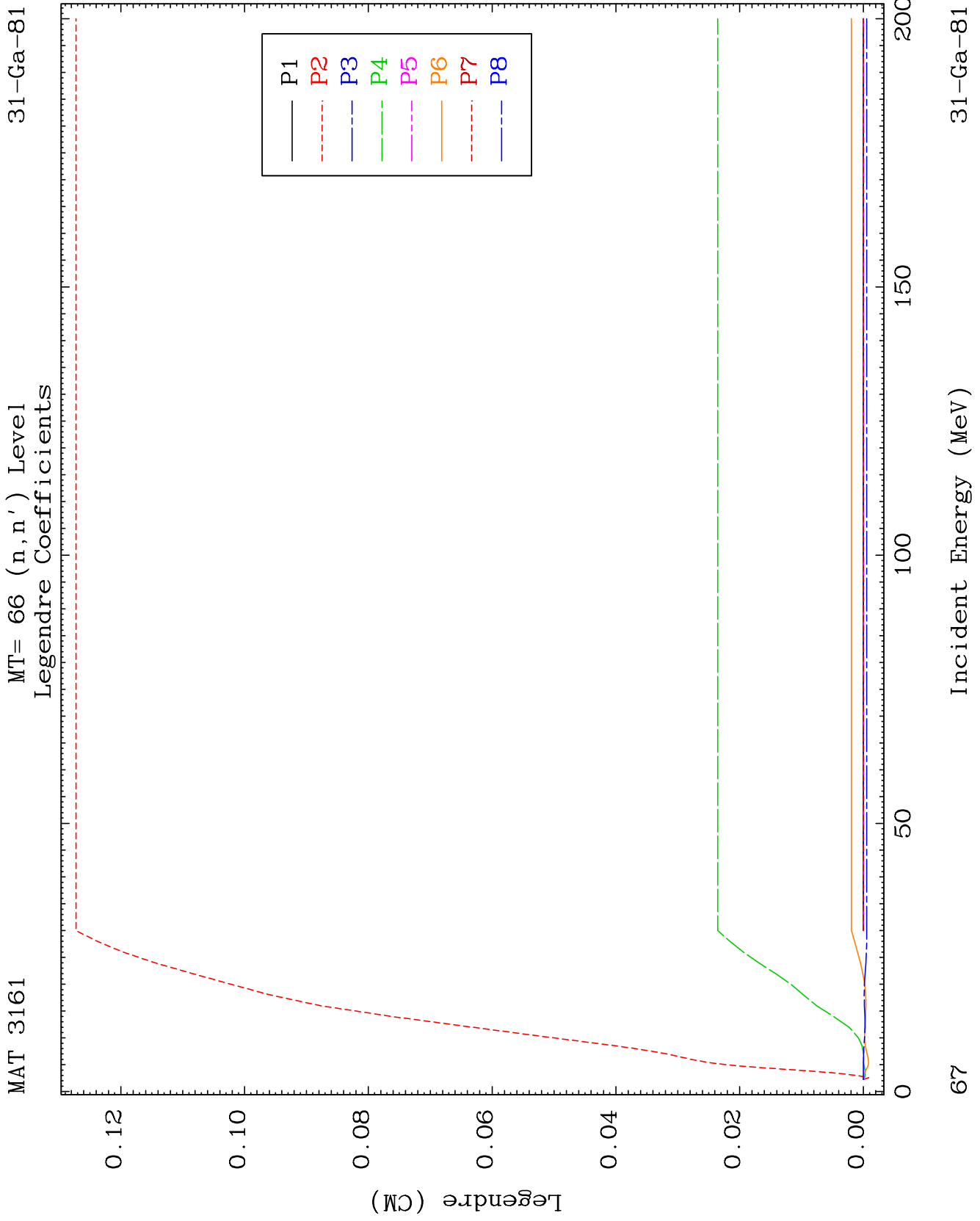
MAT 3161 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-81



64 Incident Energy (MeV) 31-Ga-81



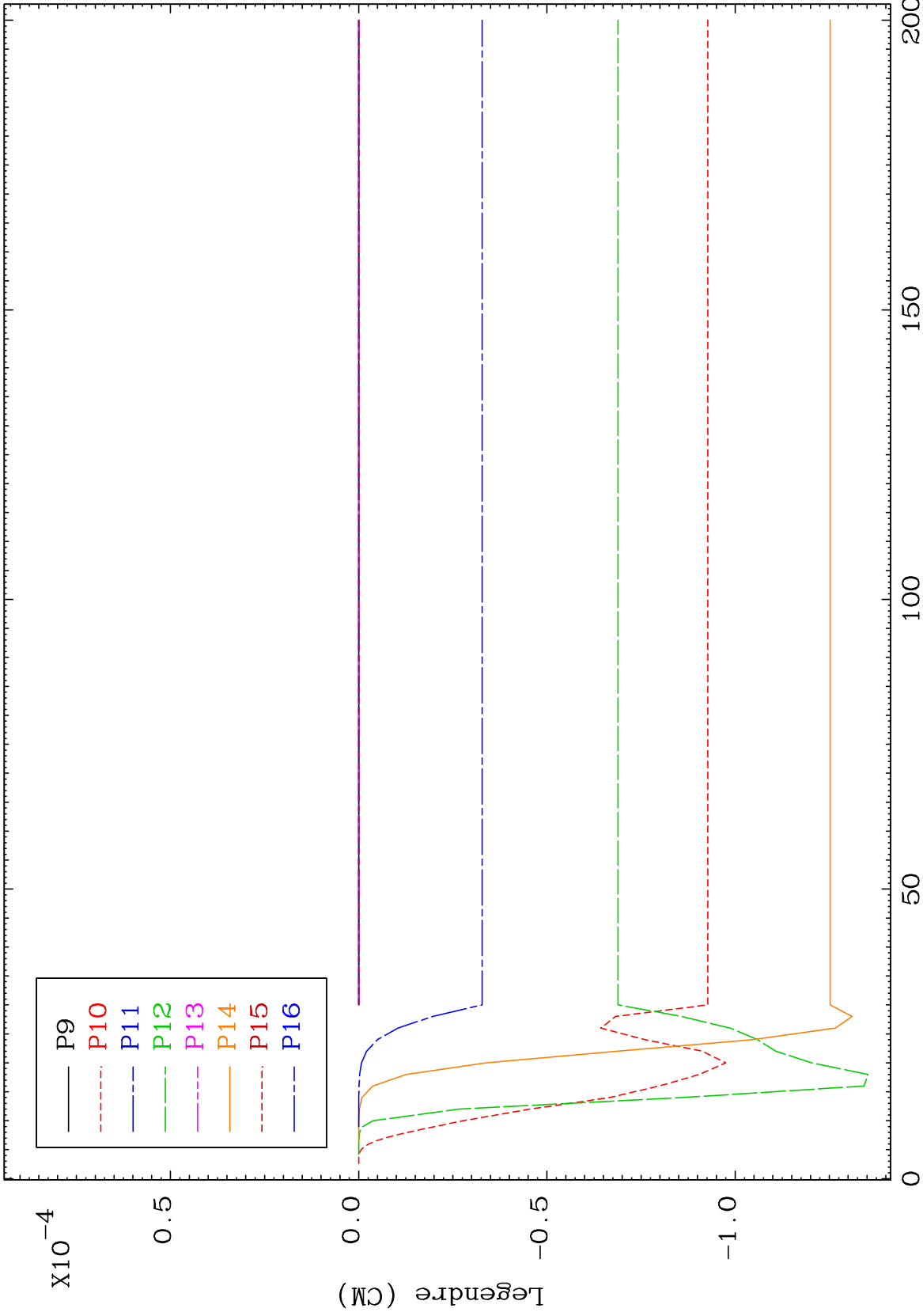




MAT 3161

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

31-Ga-81



68

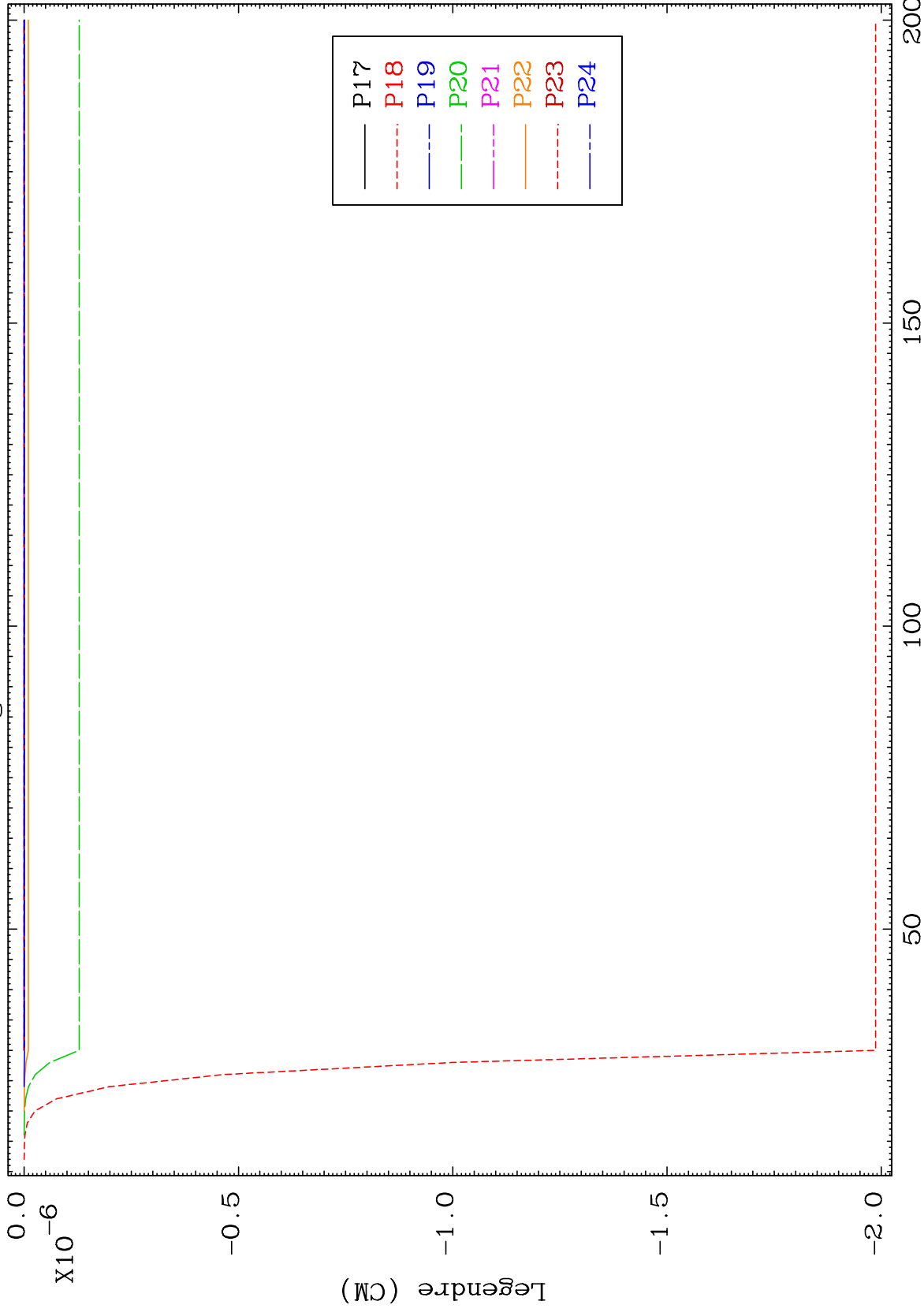
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

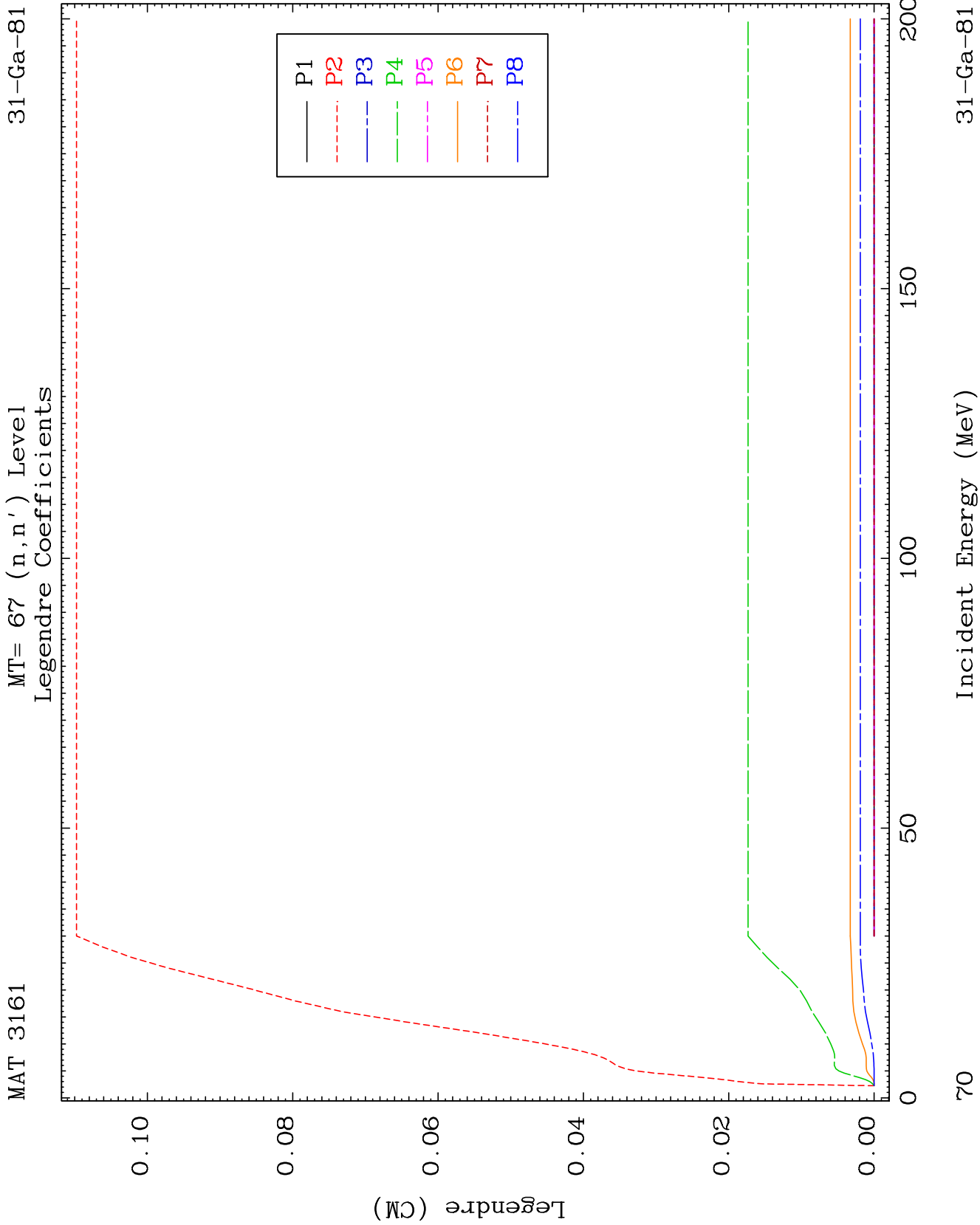
31-Ga-81



31-Ga-81

Incident Energy (MeV)

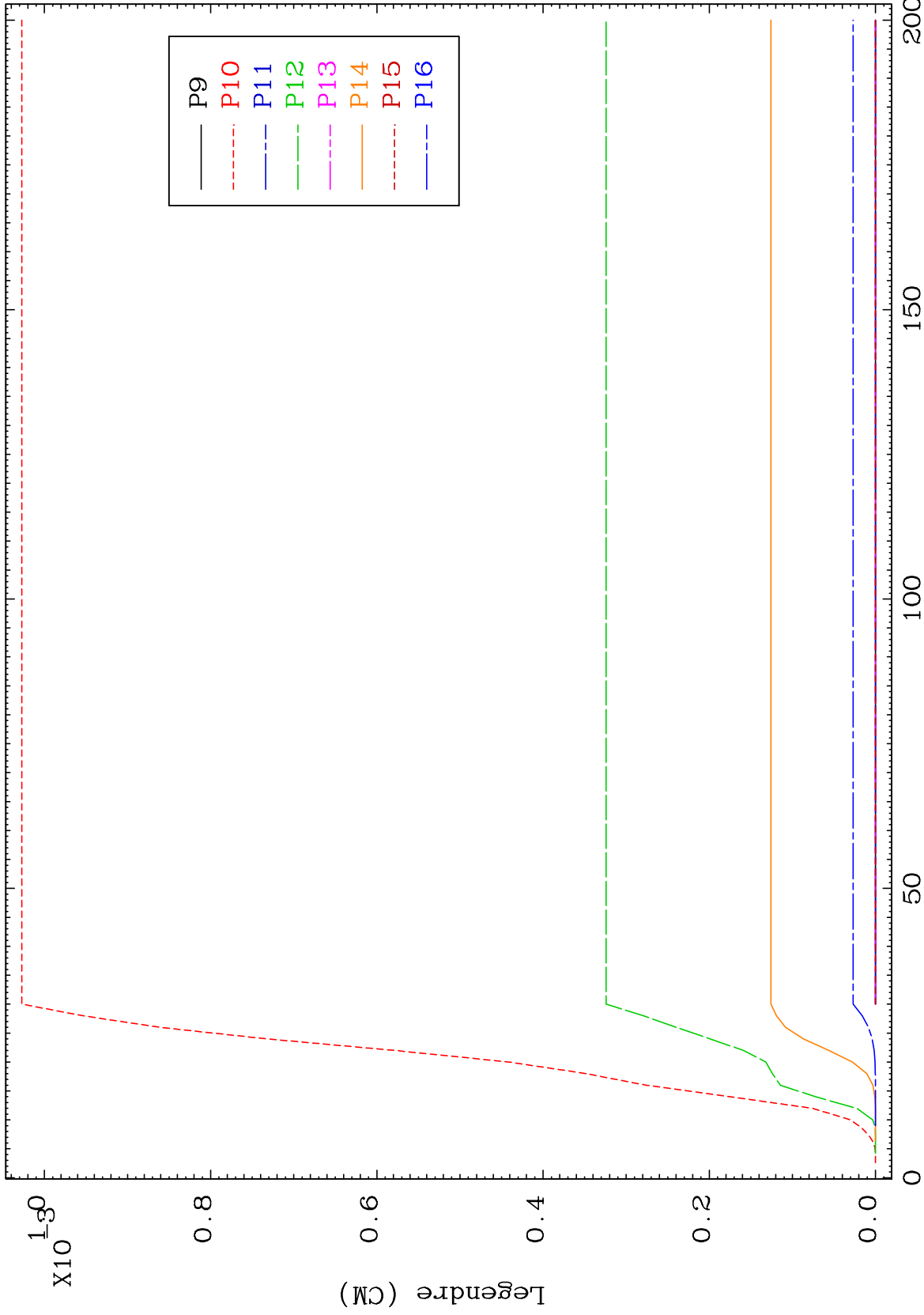
69



MAT 3161

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

31-Ga-81

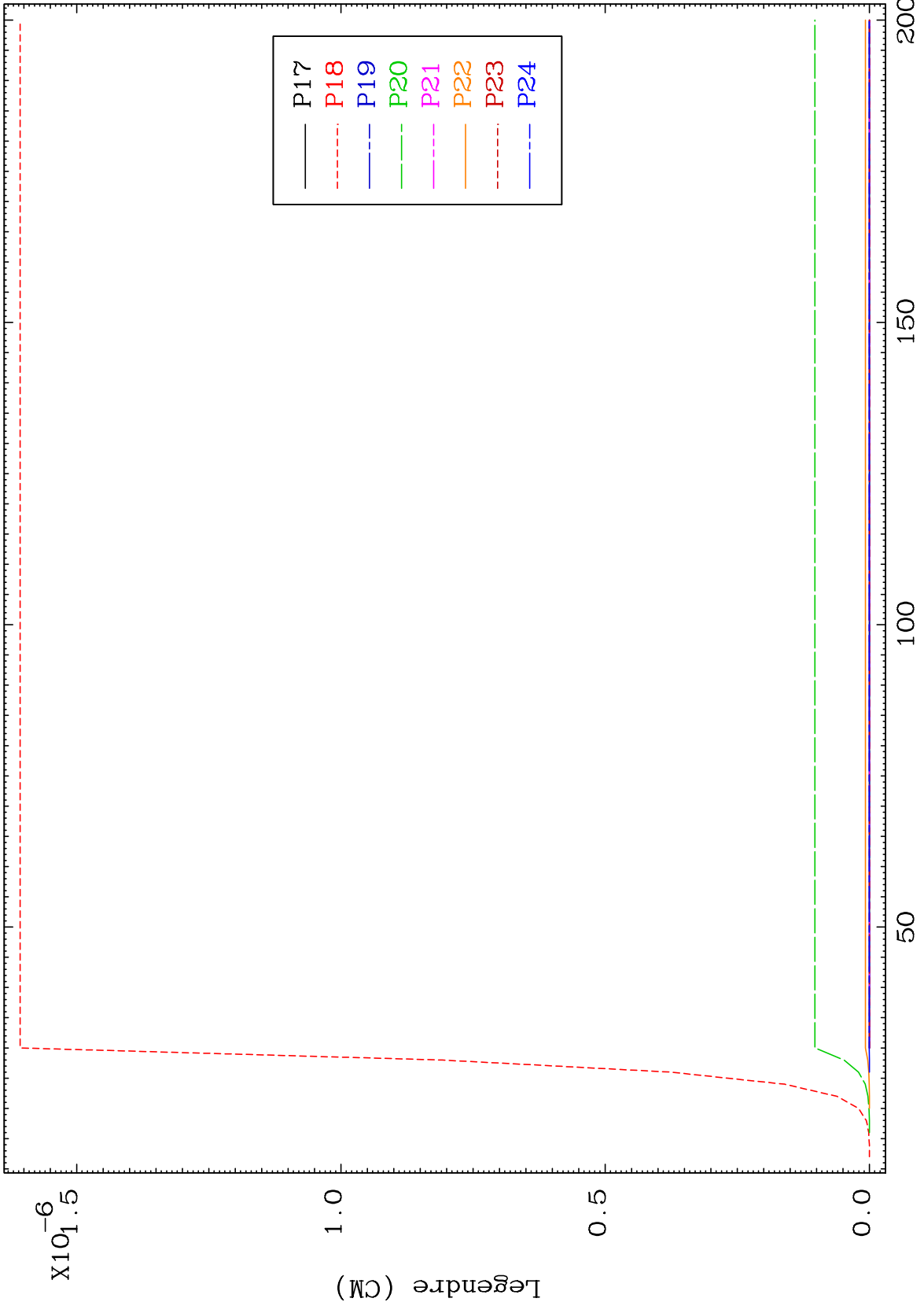


71

Incident Energy (MeV)

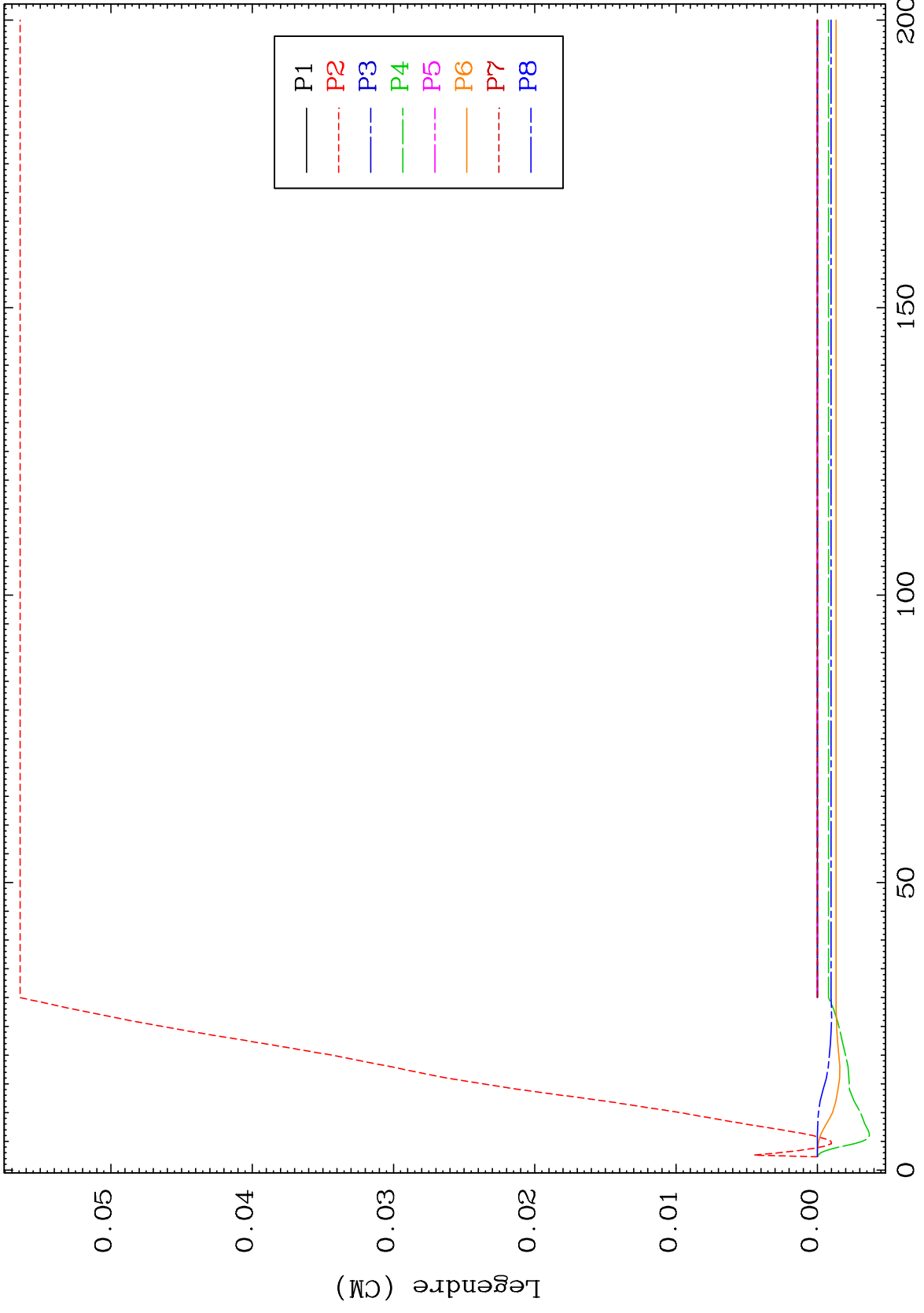
31-Ga-81

MAT 3161 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-81



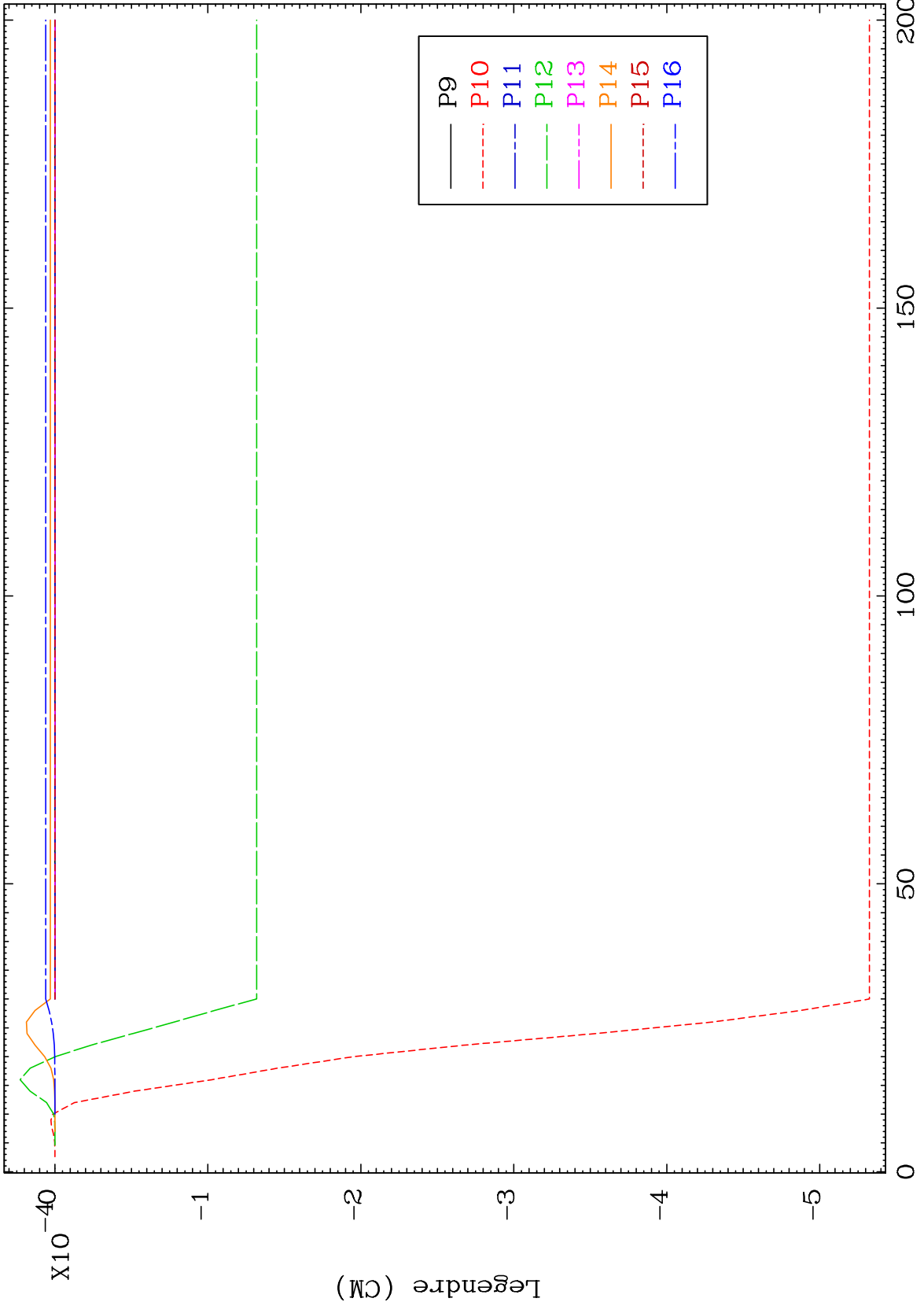
72 31-Ga-81

MAT 3161 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-81

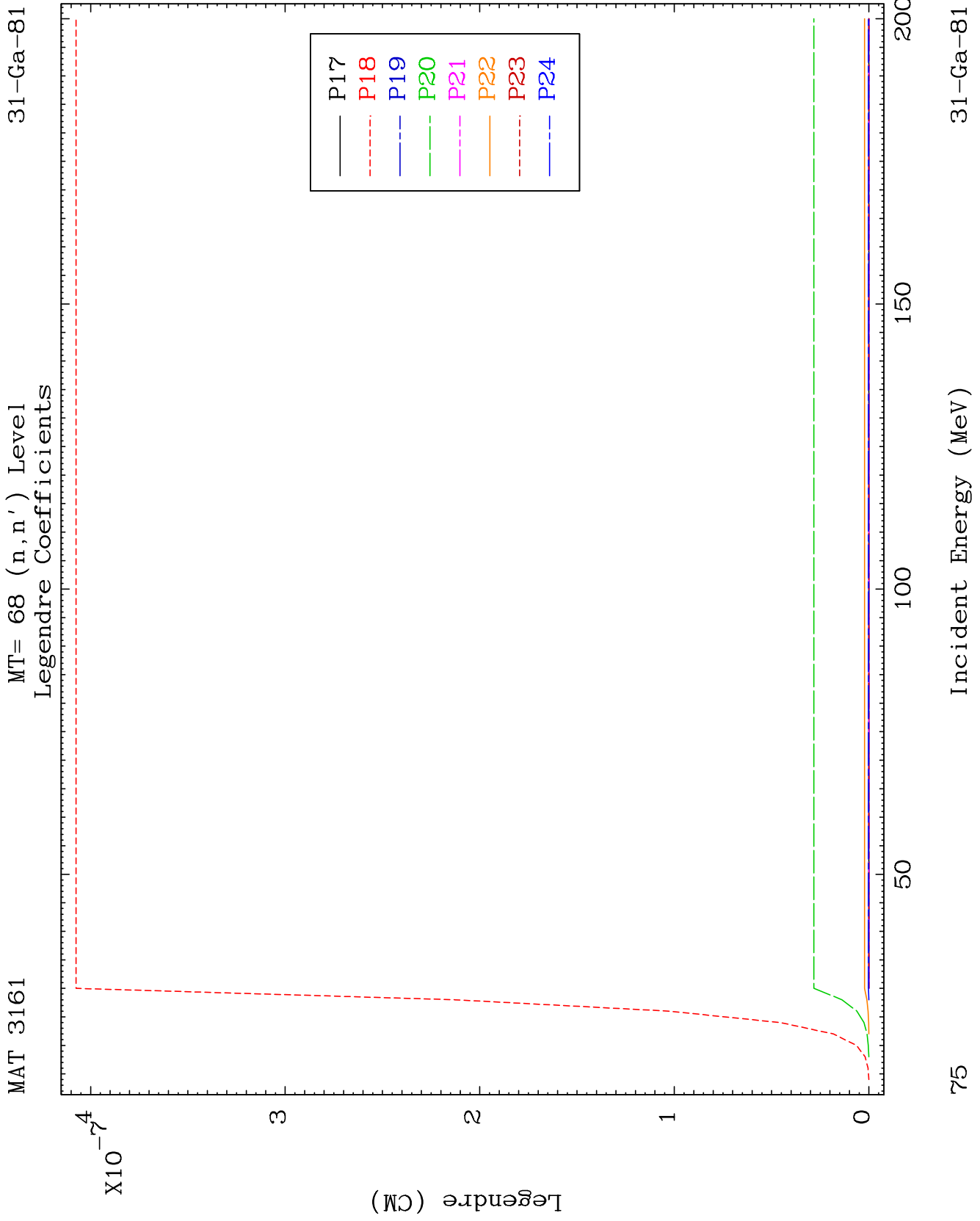


73 31-Ga-81

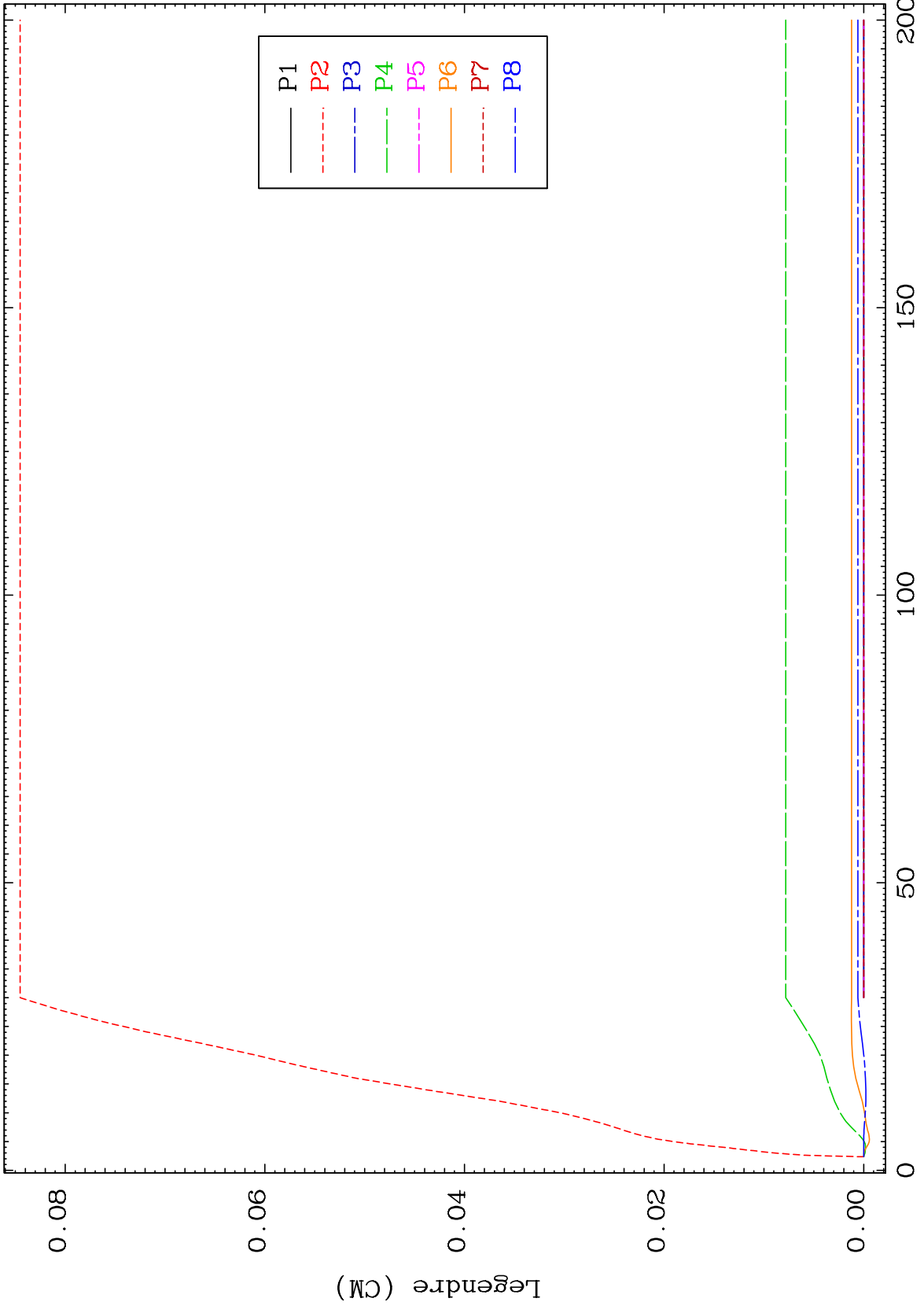
MAT 3161 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-81



74 Incident Energy (MeV) 31-Ga-81



MAT 3161 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-81

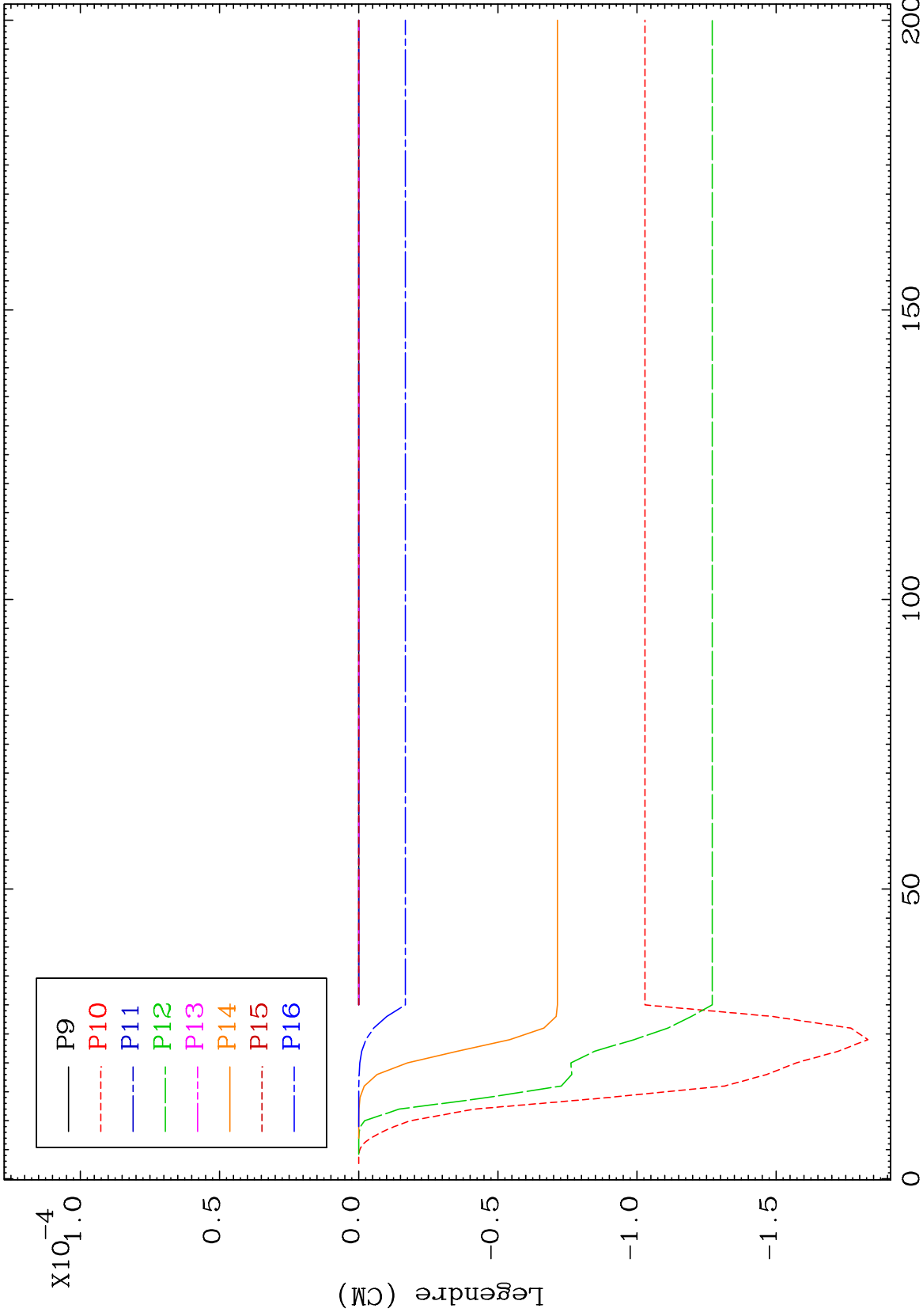


76 Incident Energy (MeV) 31-Ga-81

MAT 3161

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

31-Ga-81

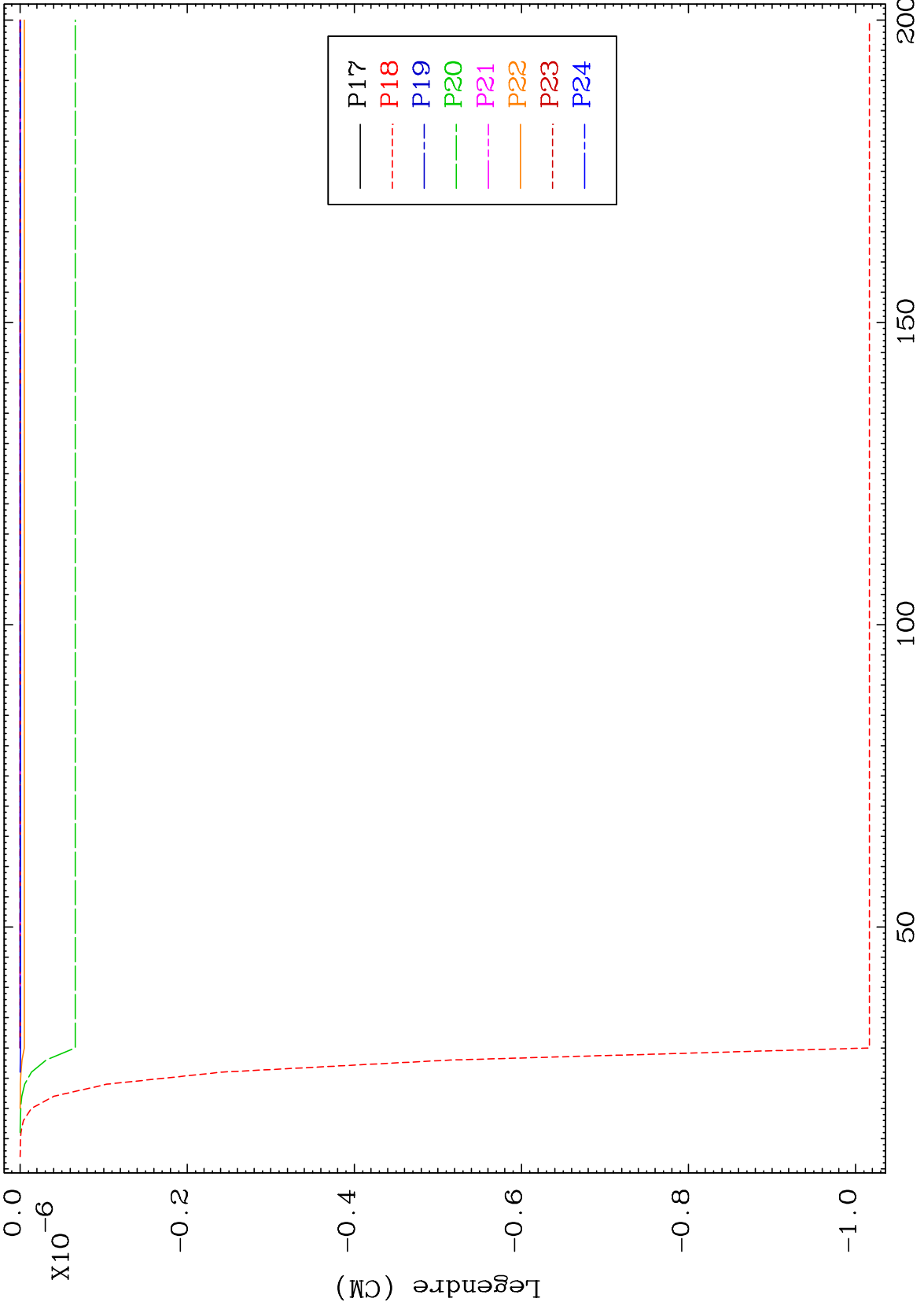


77

Incident Energy (MeV)

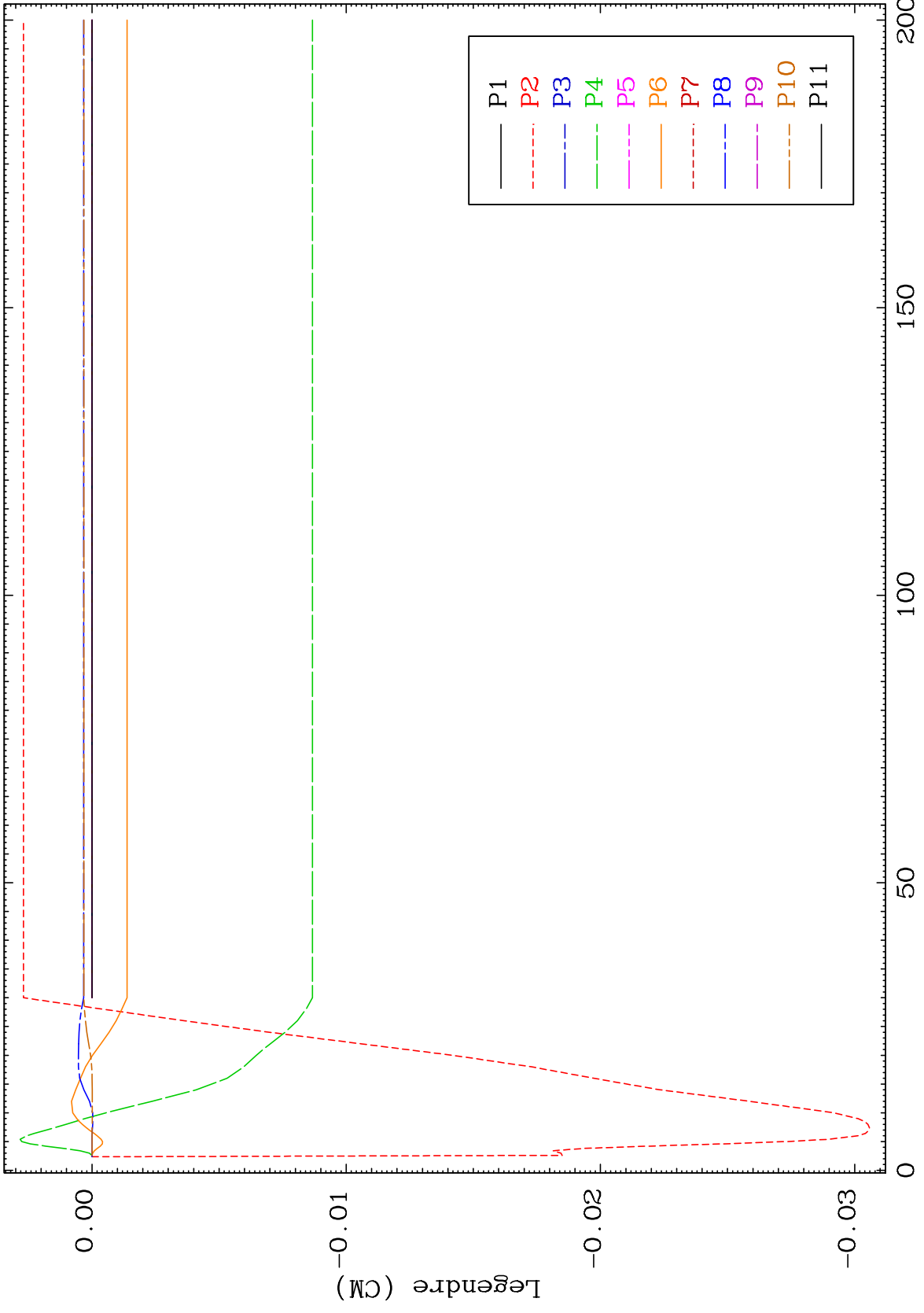
31-Ga-81

MAT 3161 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-81



78 Incident Energy (MeV) 31-Ga-81

MAT 3161 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-81

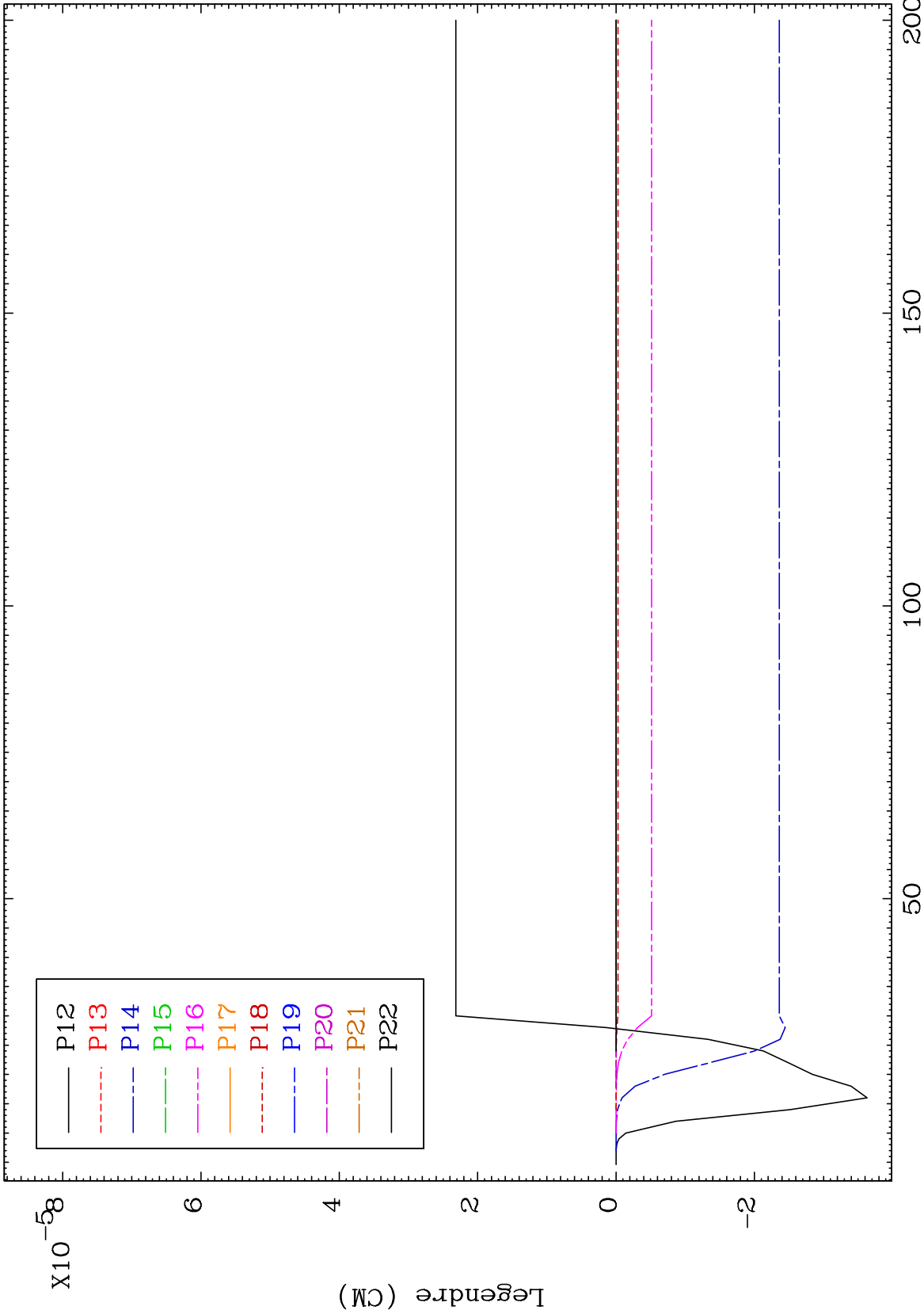


79 Incident Energy (MeV) 31-Ga-81

MAT 3161

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

31-Ga-81

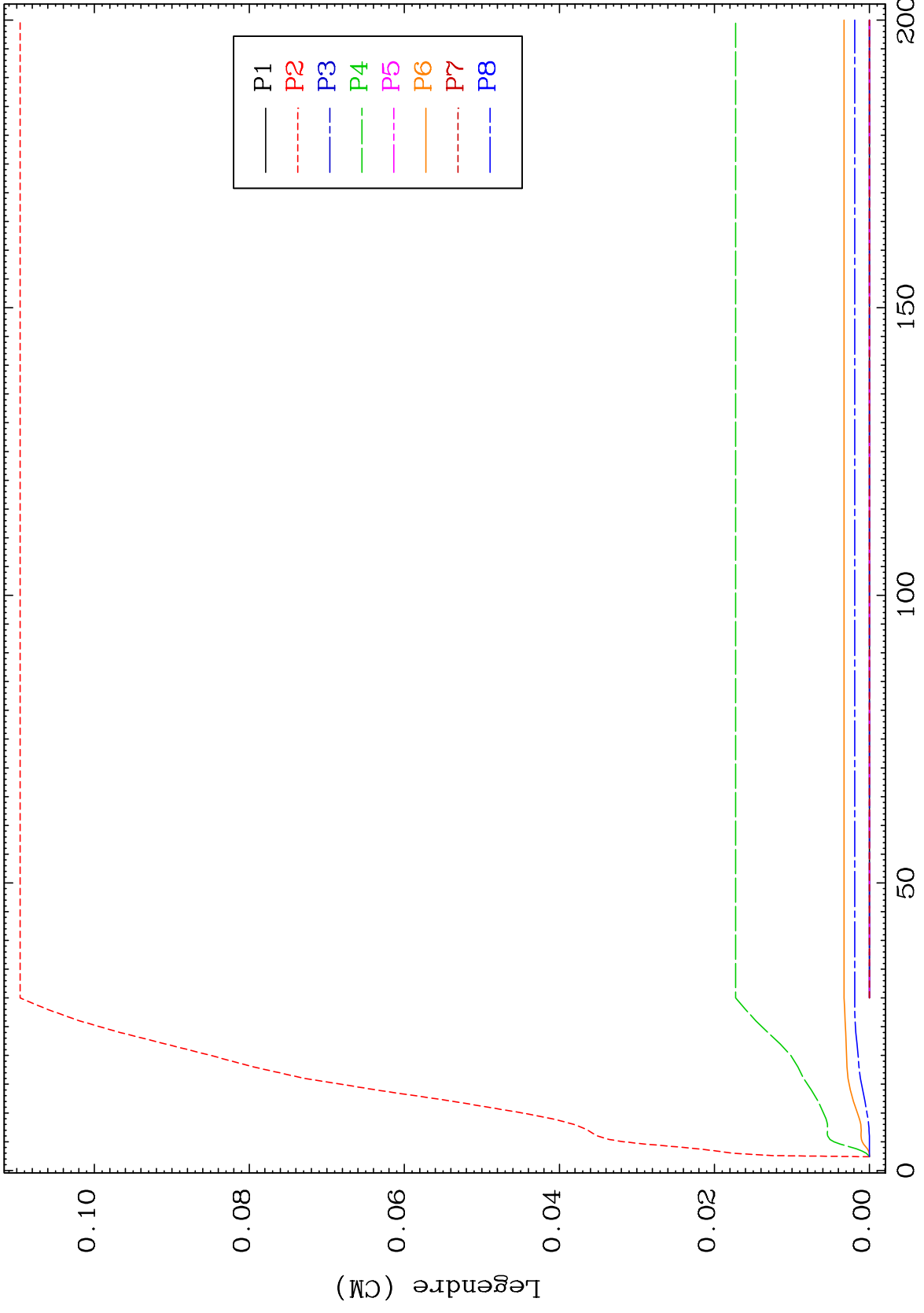


80

Incident Energy (MeV)

31-Ga-81

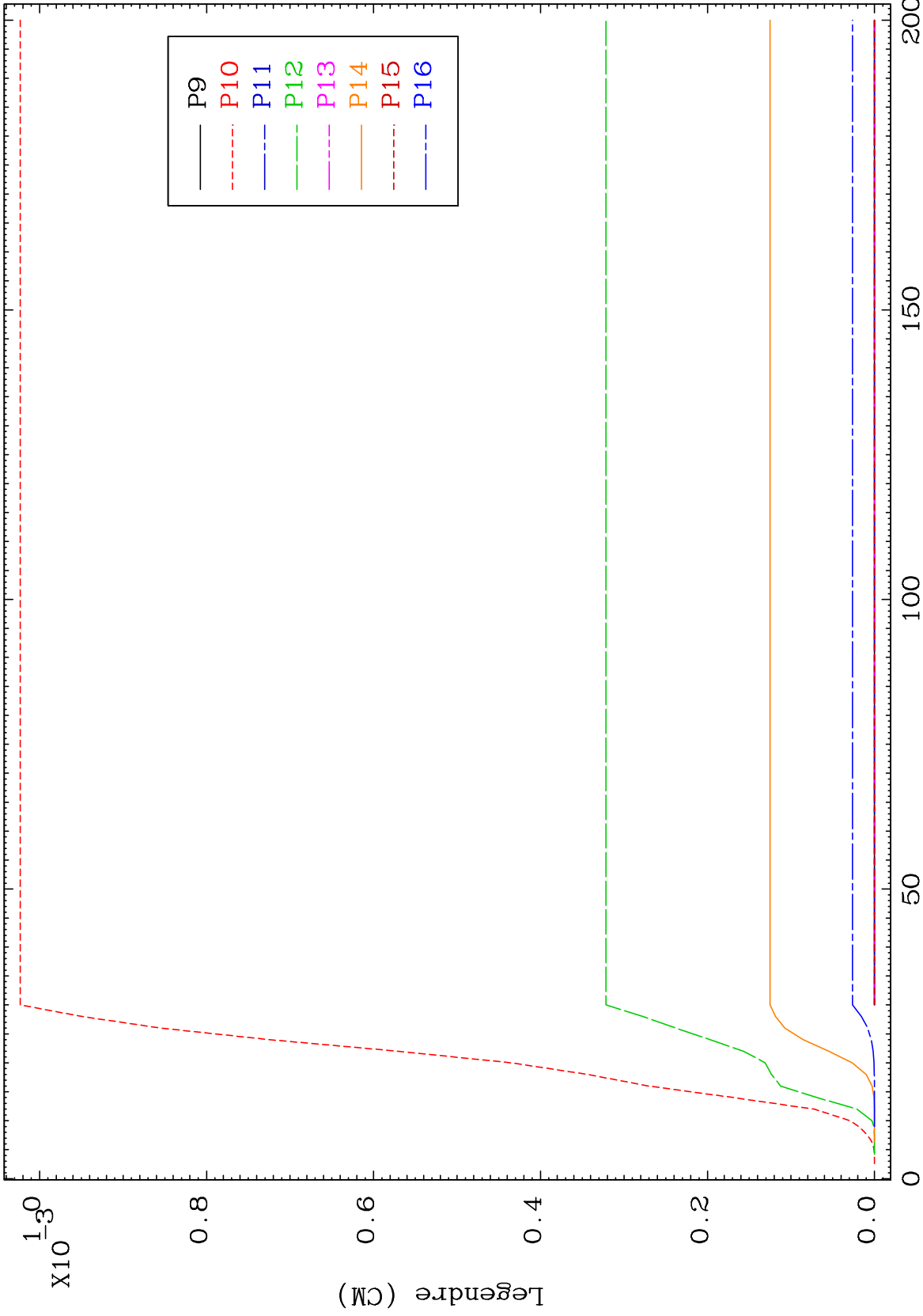
MAT 3161 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-81 31-Ga-81



MAT 3161

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

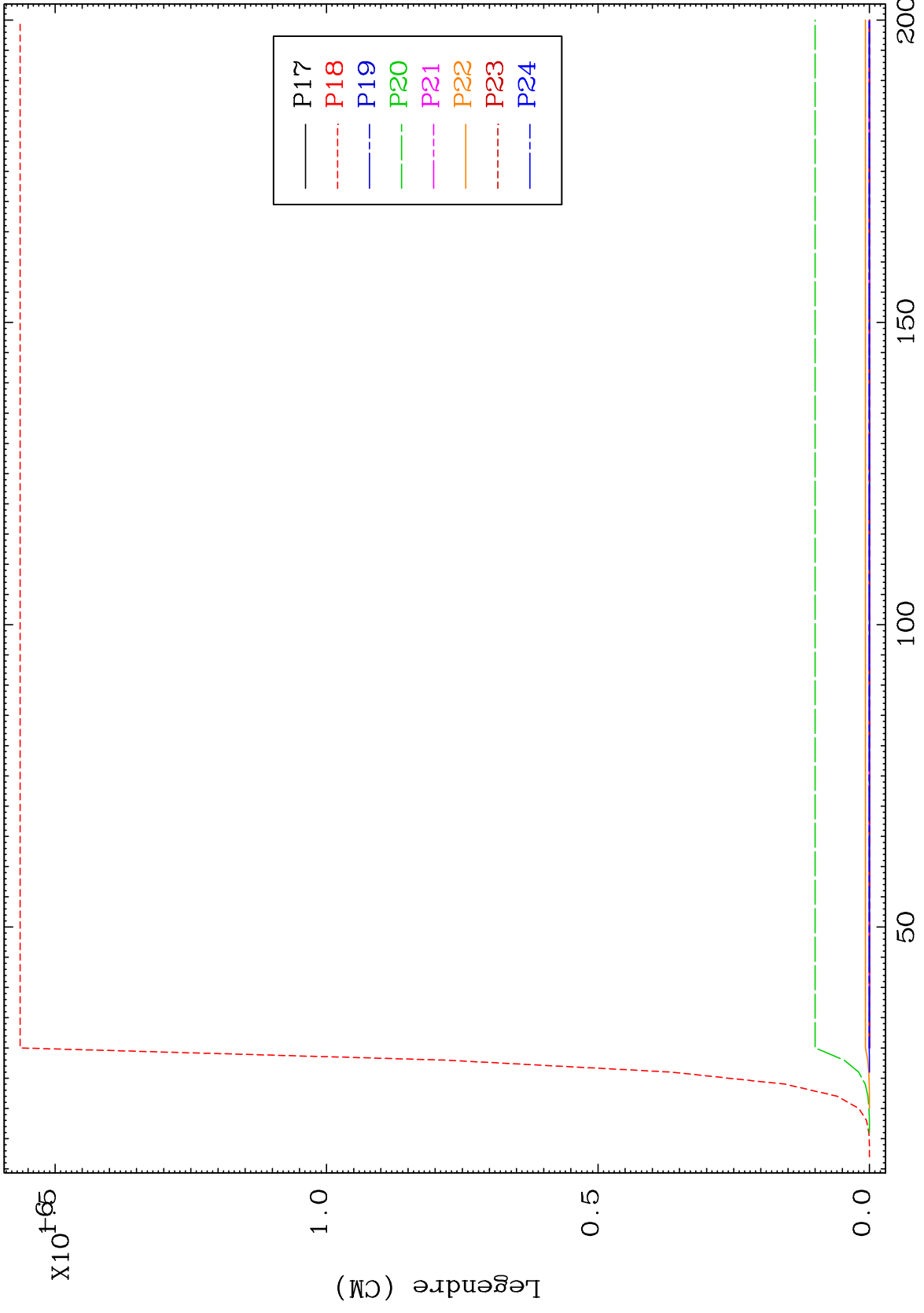
31-Ga-81



82

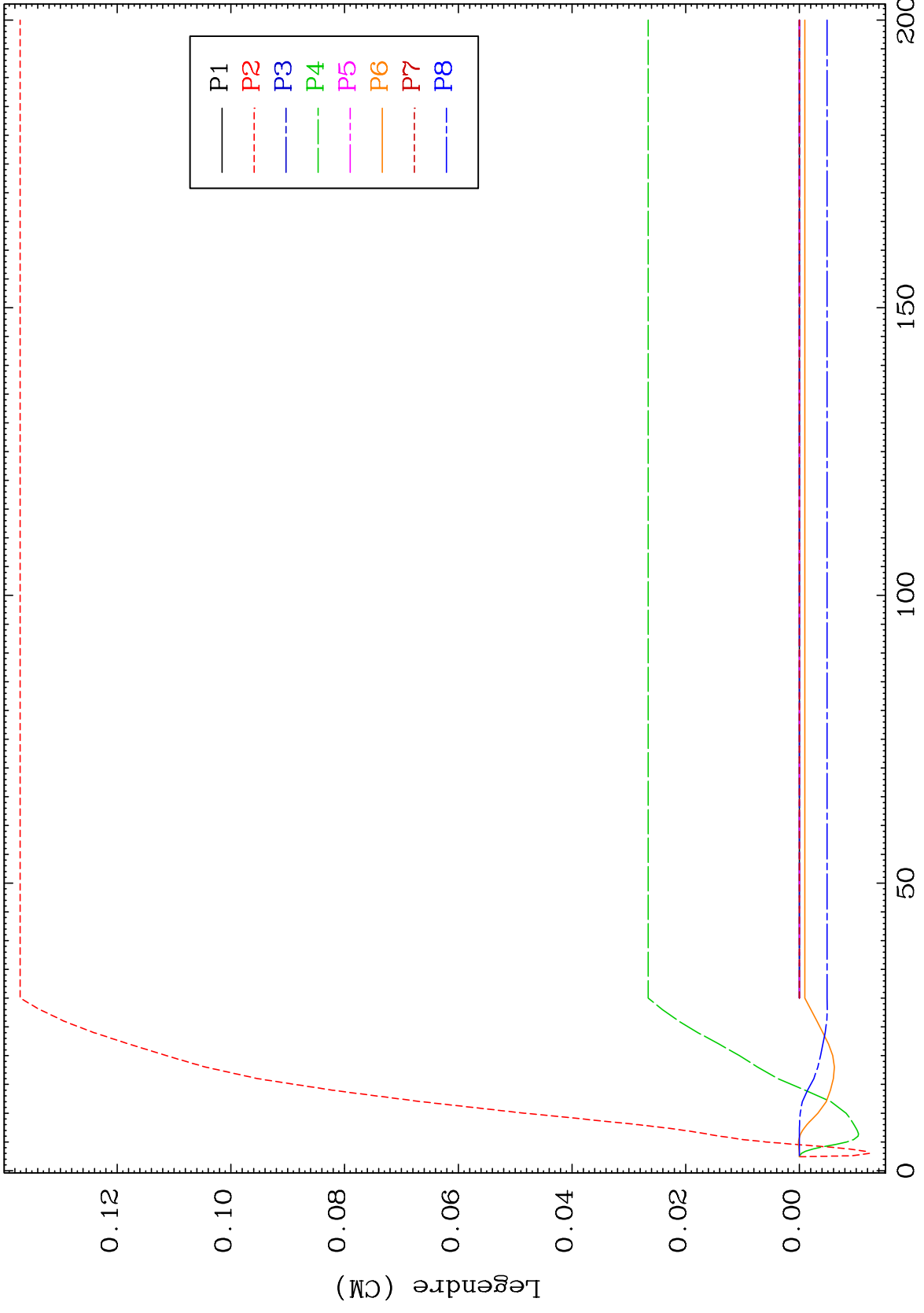
31-Ga-81

MAT 3161 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-81



83 31-Ga-81

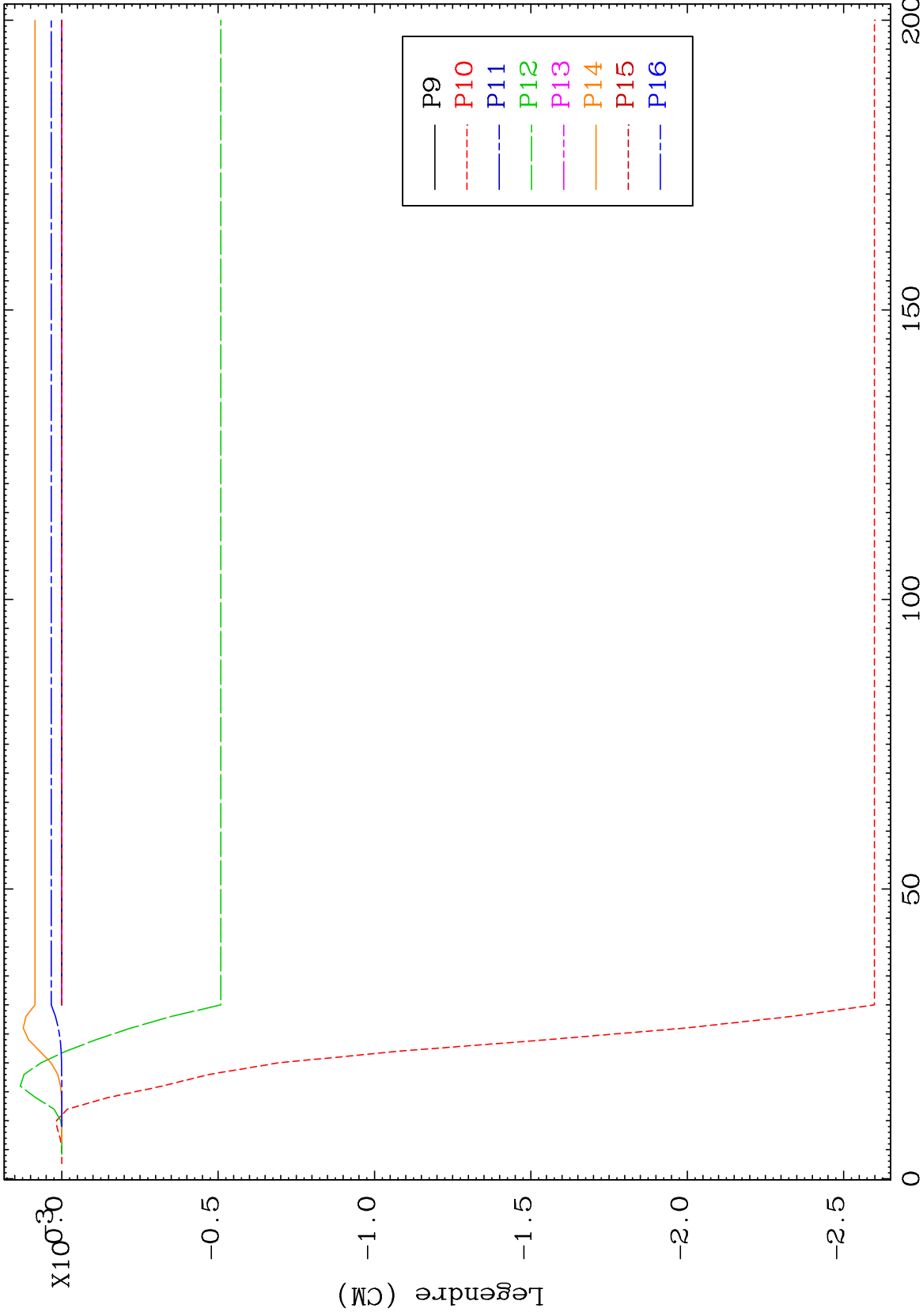
MAT 3161 MT= 72 (n,n') Level Legendre Coefficients 31-Ga-81 31-Ga-81



MAT 3161

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

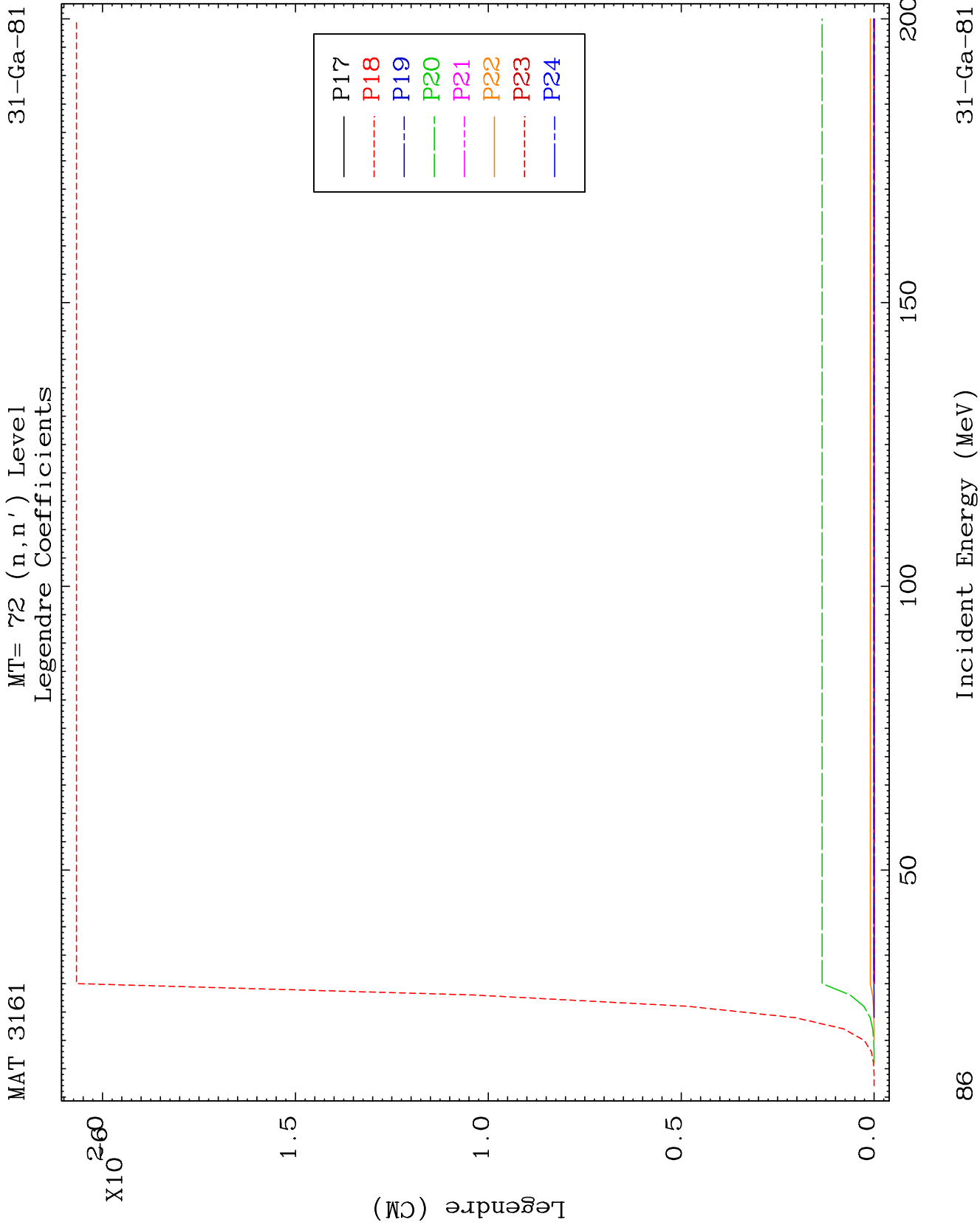
31-Ga-81



85

Incident Energy (MeV)

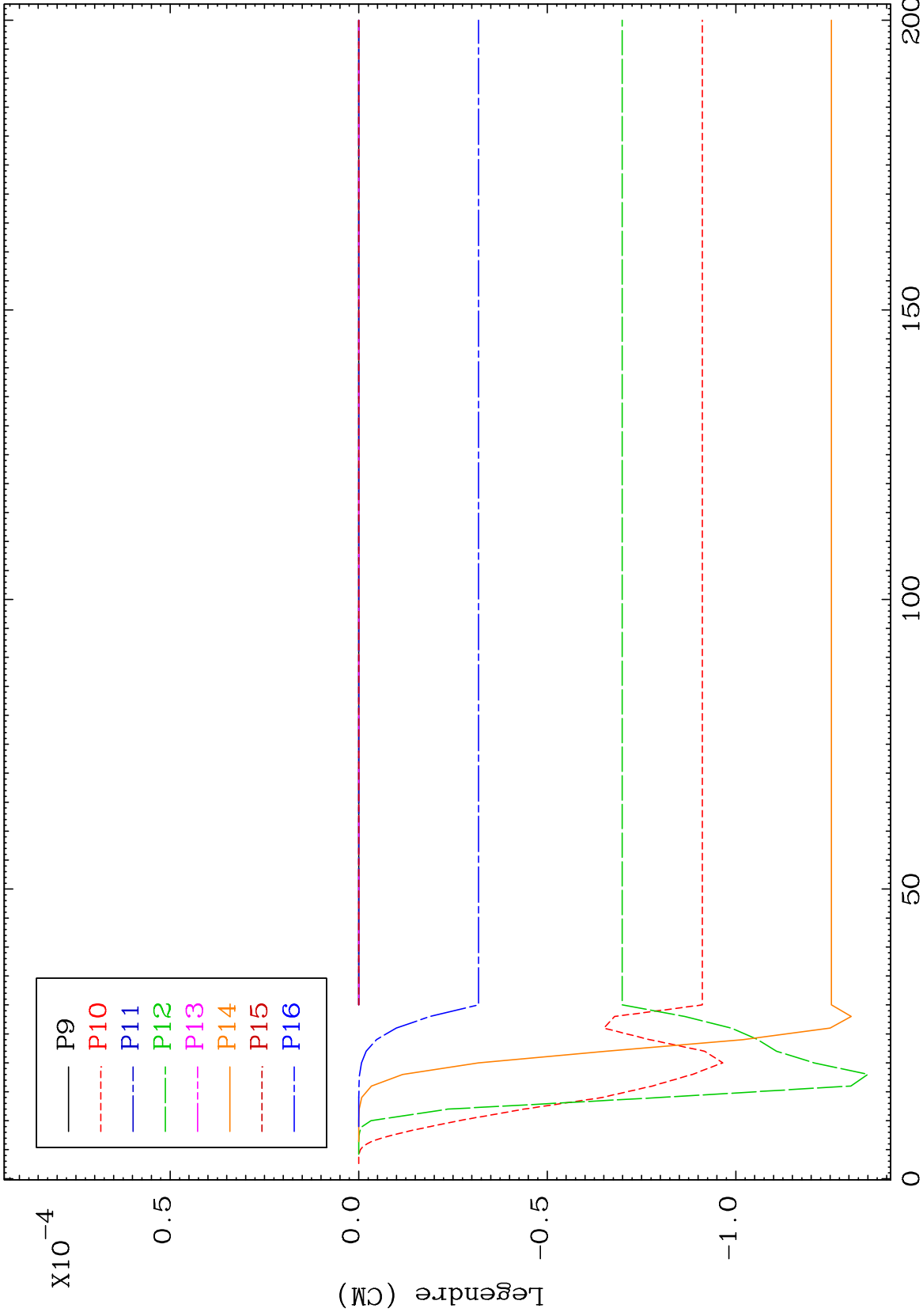
31-Ga-81



MAT 3161

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

31-Ga-81



88

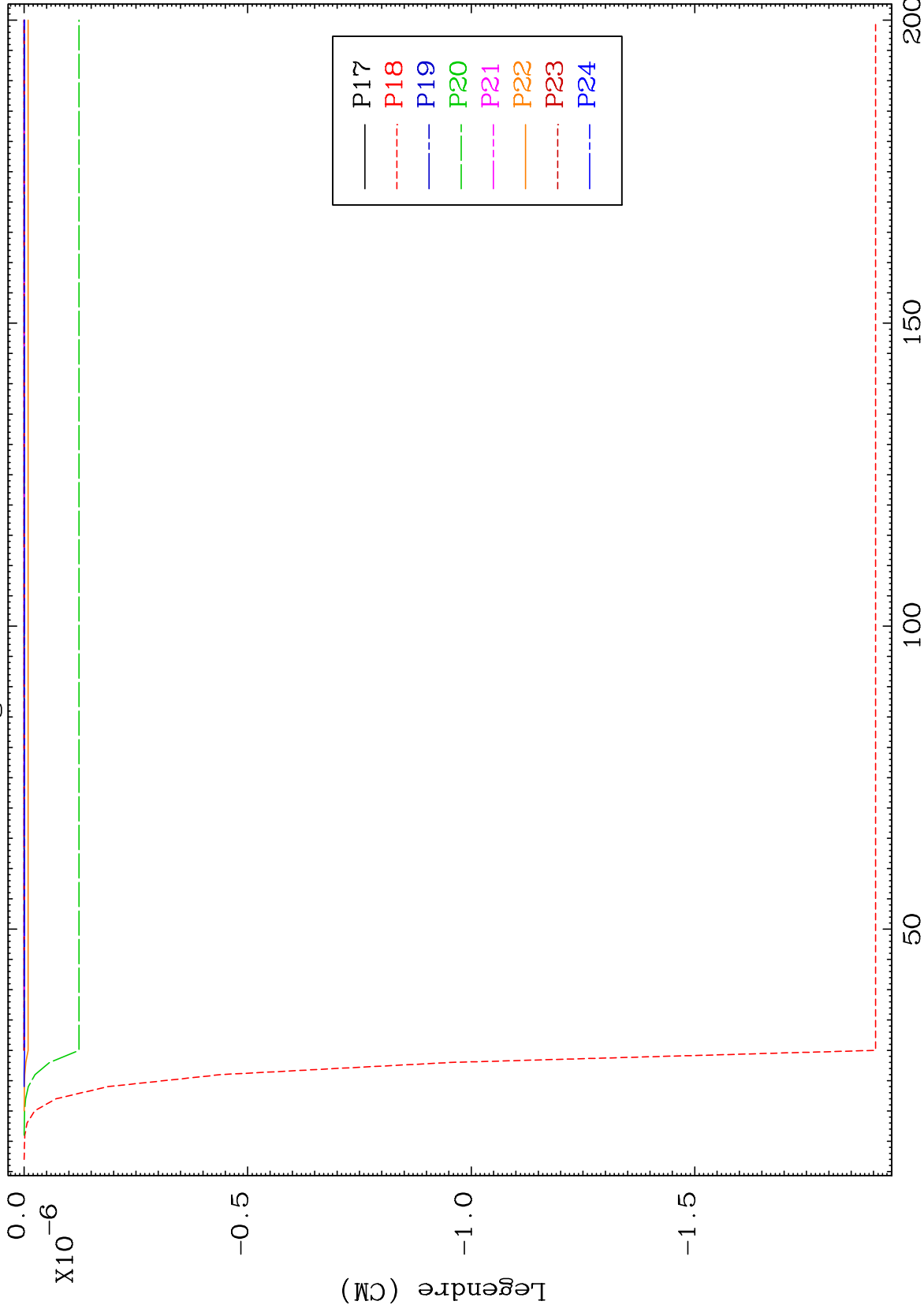
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



31-Ga-81

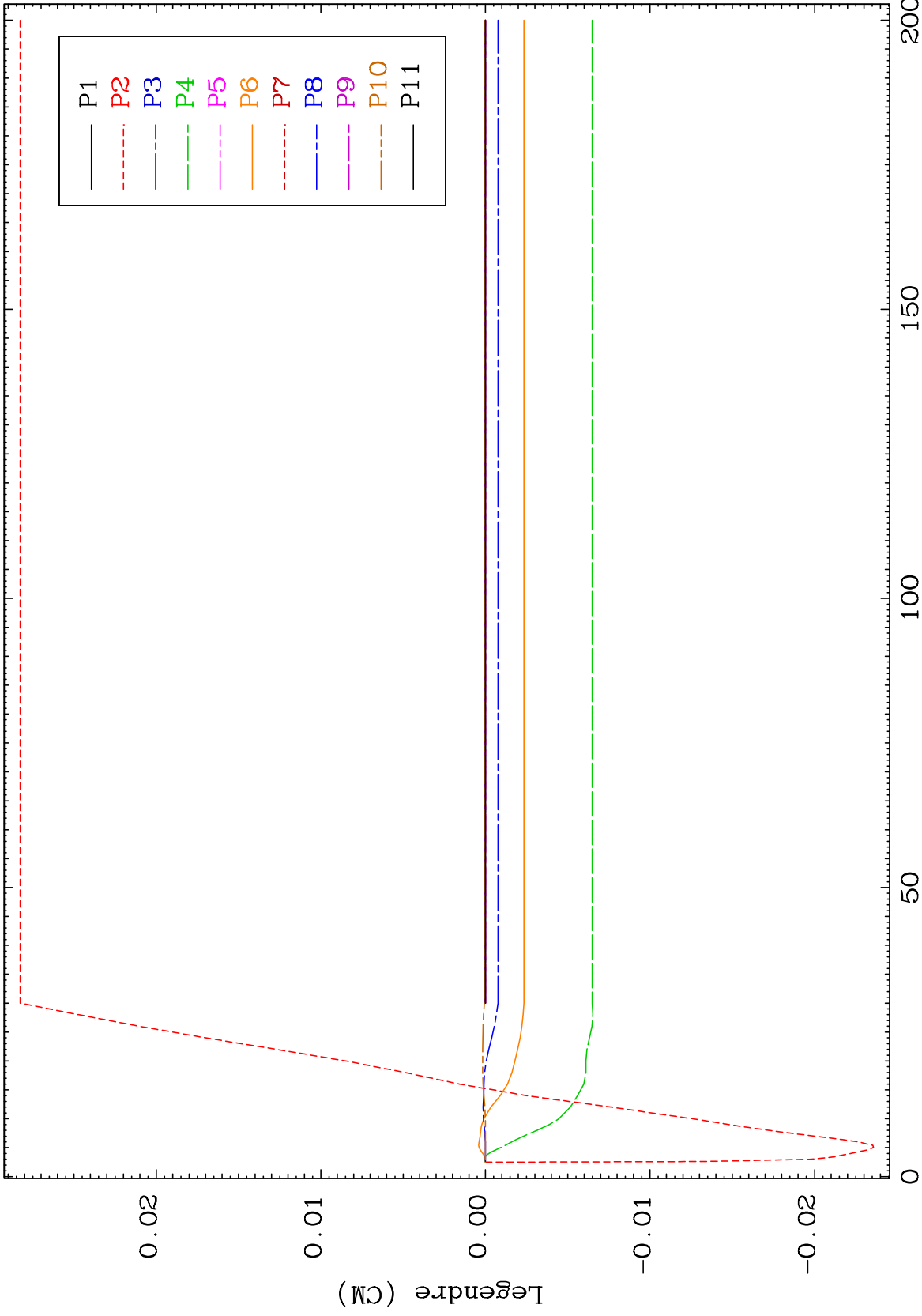
Incident Energy (MeV)

89

MAT 3161

MT= 74 (n,n') Level
Legendre Coefficients

31-Ga-81



31-Ga-81

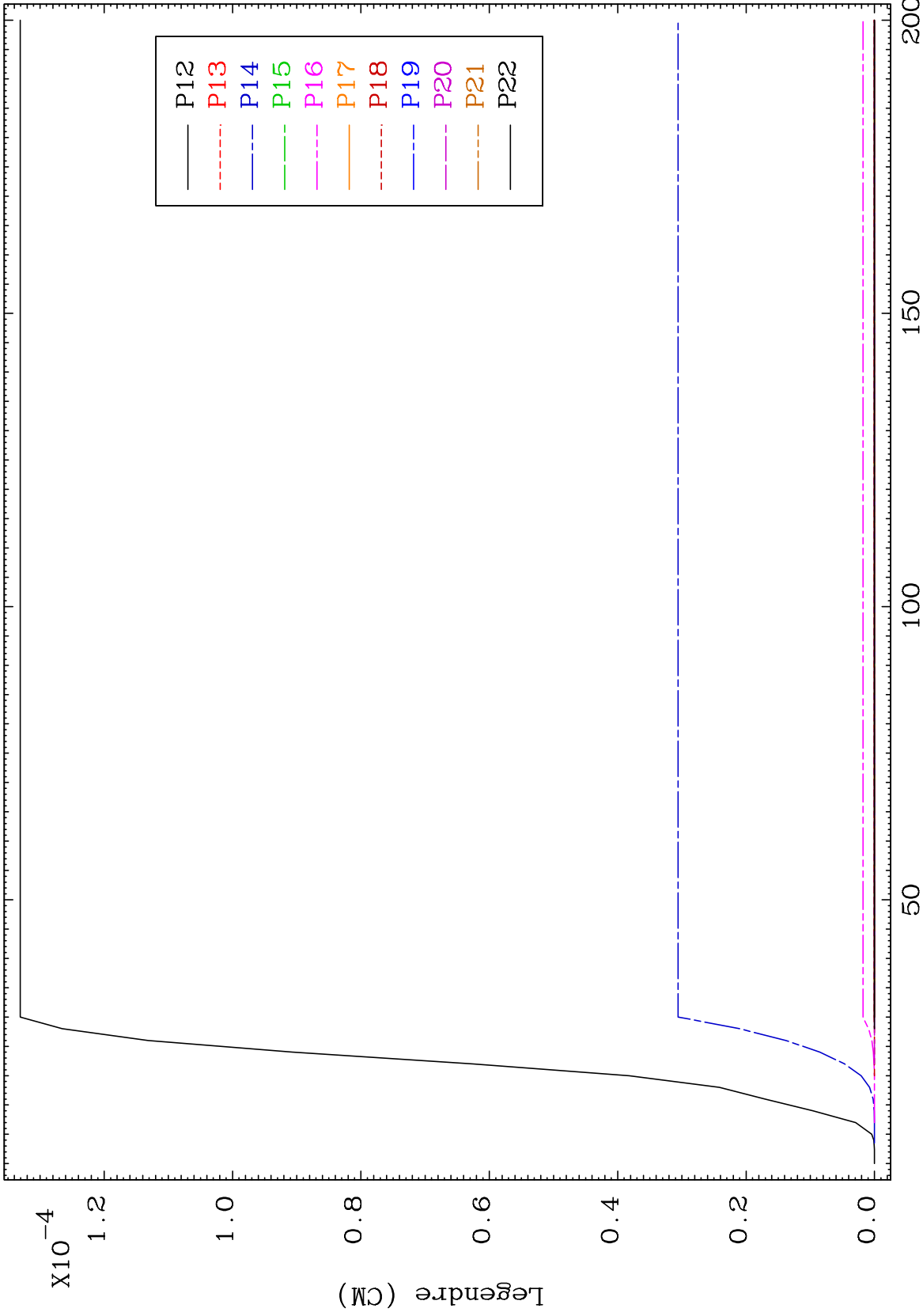
Incident Energy (MeV)

90

MAT 3161

MT= 74 (n,n') Level
Legendre Coefficients

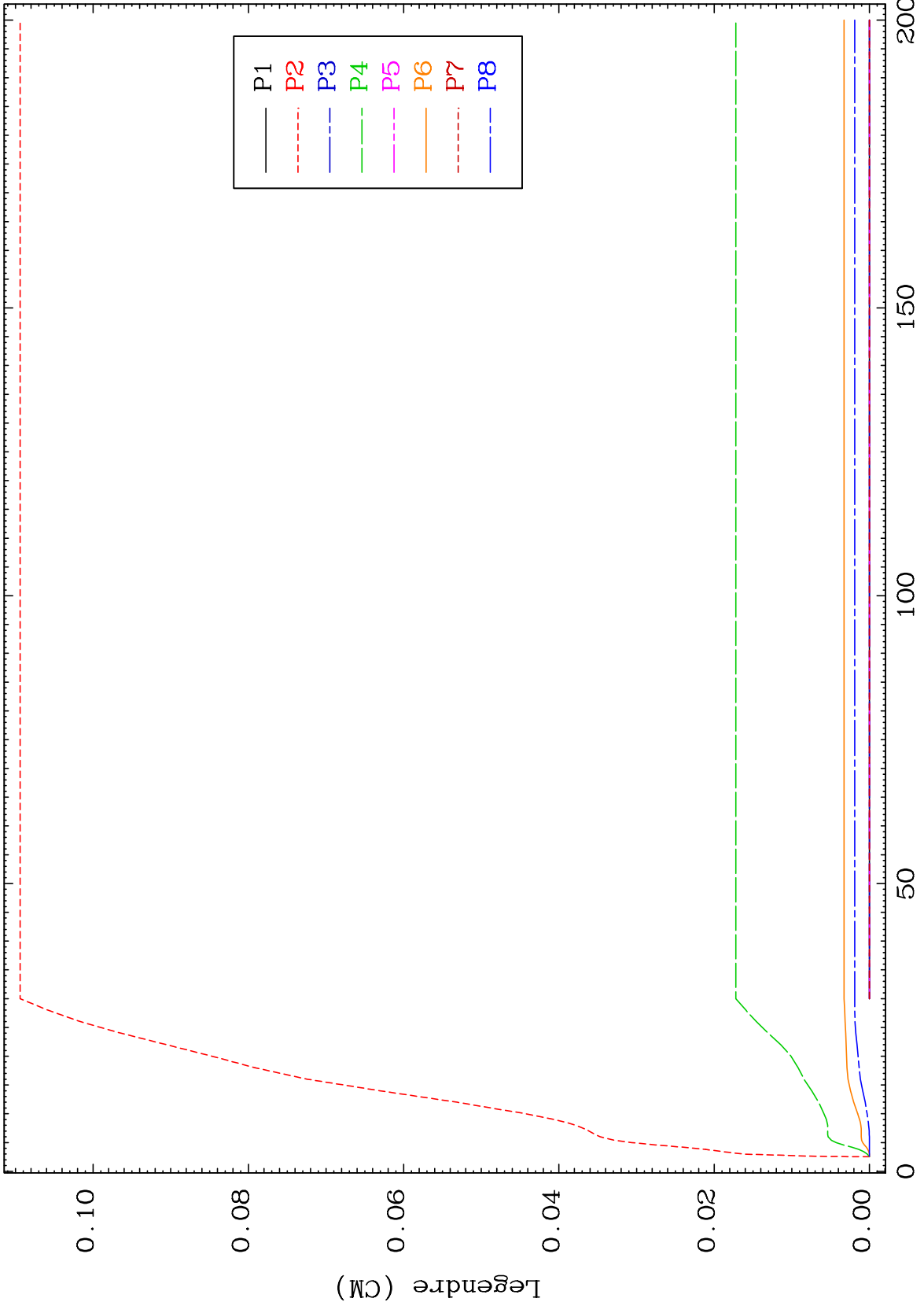
31-Ga-81



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31-Ga-81

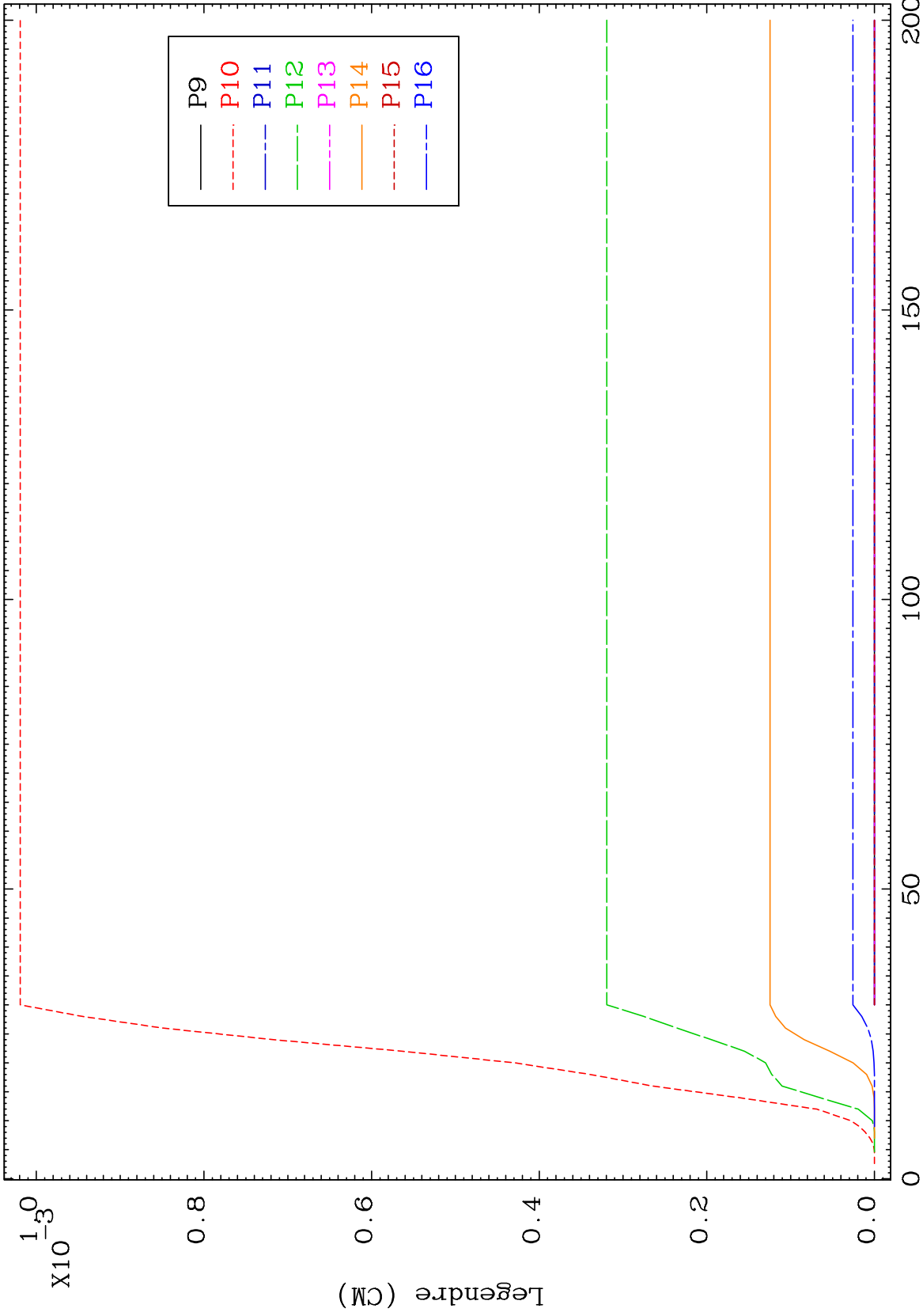
MAT 3161 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-81



MAT 3161

MT= 75 (n,n') Level
Legendre Coefficients

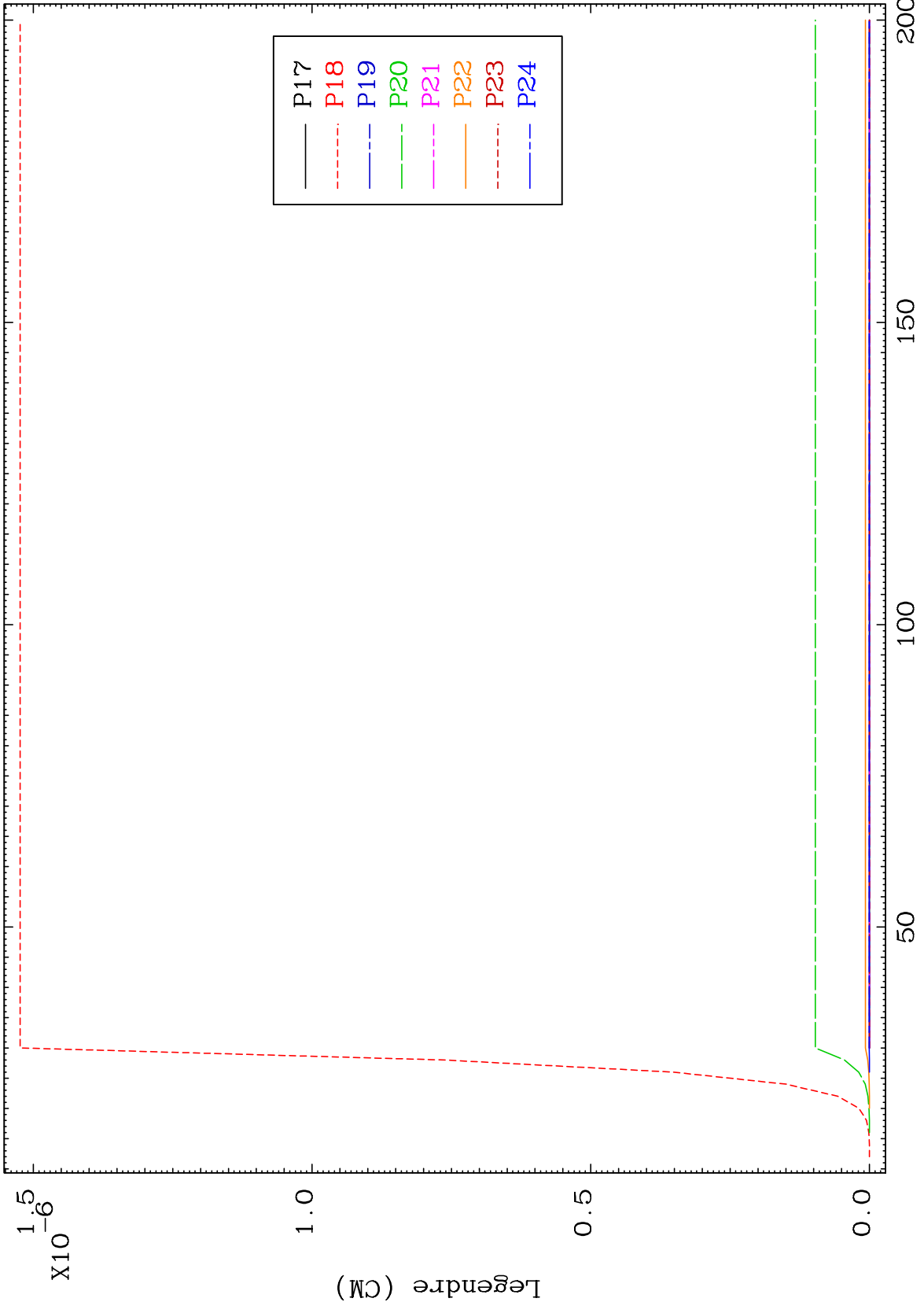
31-Ga-81



93

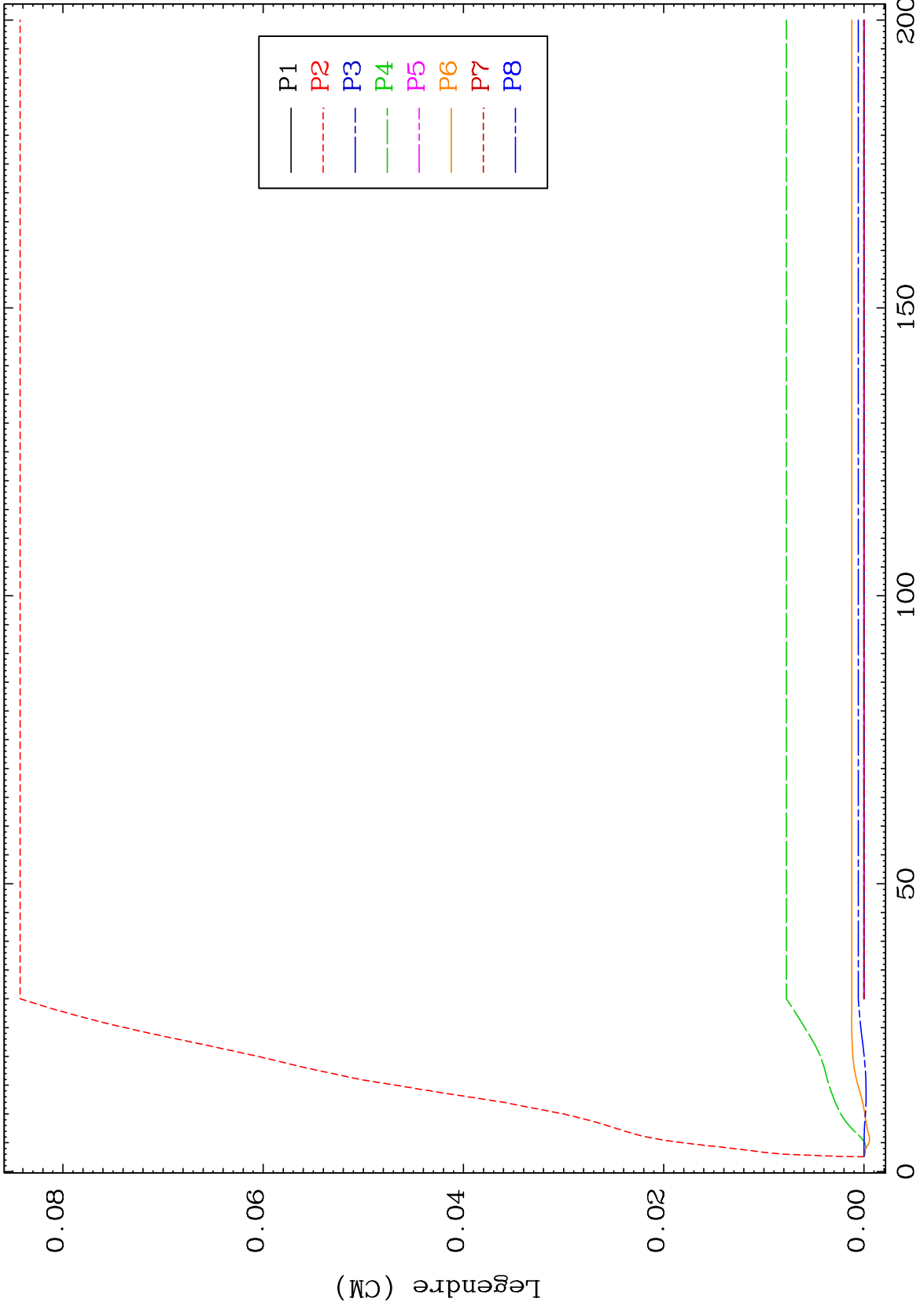
31-Ga-81

MAT 3161 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-81



94 Incident Energy (MeV) 31-Ga-81

MAT 3161 MT= 76 (n,n') Level Legendre Coefficients 31-Ga-81

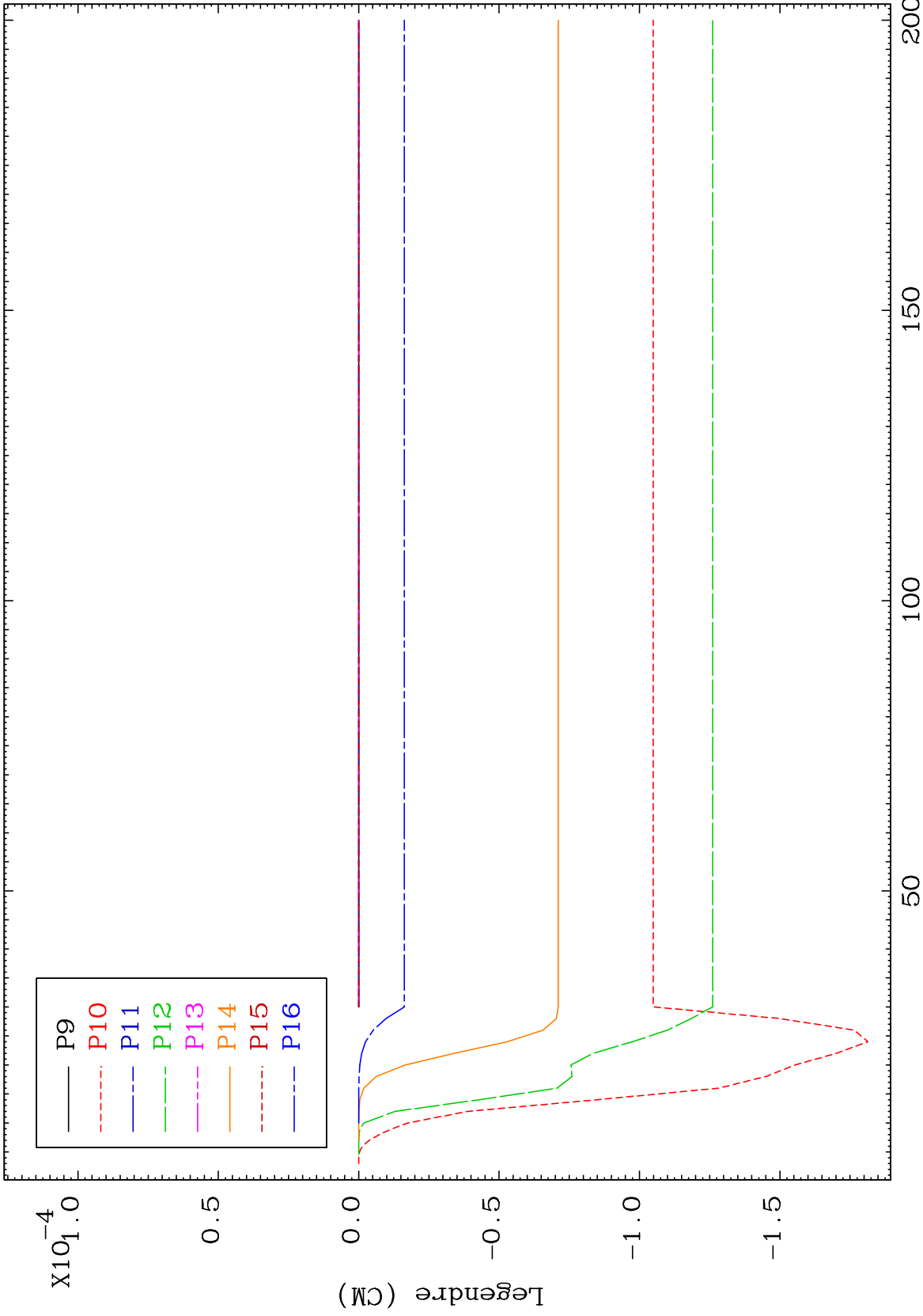


Legendre (CM) Incident Energy (MeV) 31-Ga-81

MAT 3161

MT= 76 (n,n') Level
Legendre Coefficients

31-Ga-81

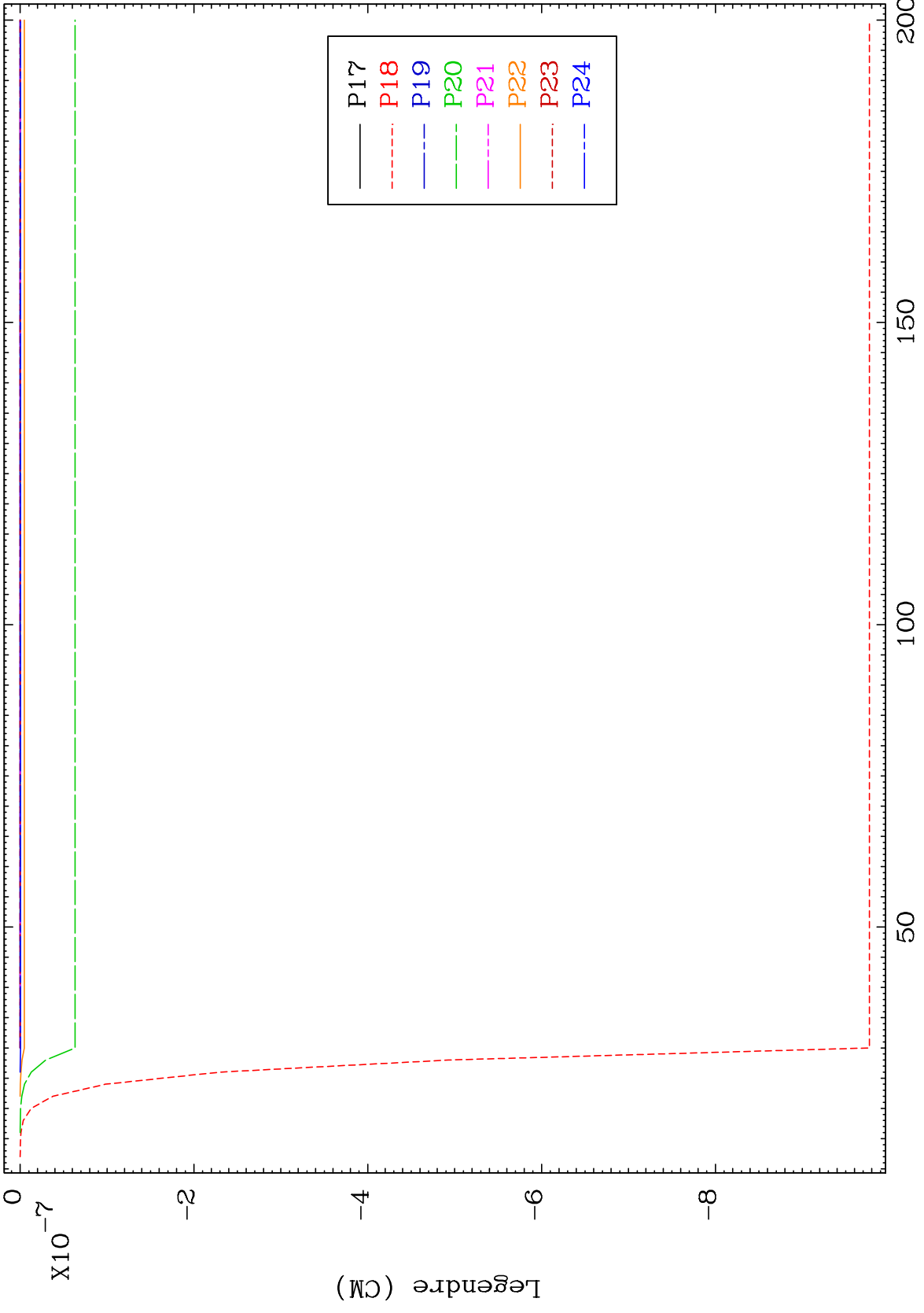


96

Incident Energy (MeV)

31-Ga-81

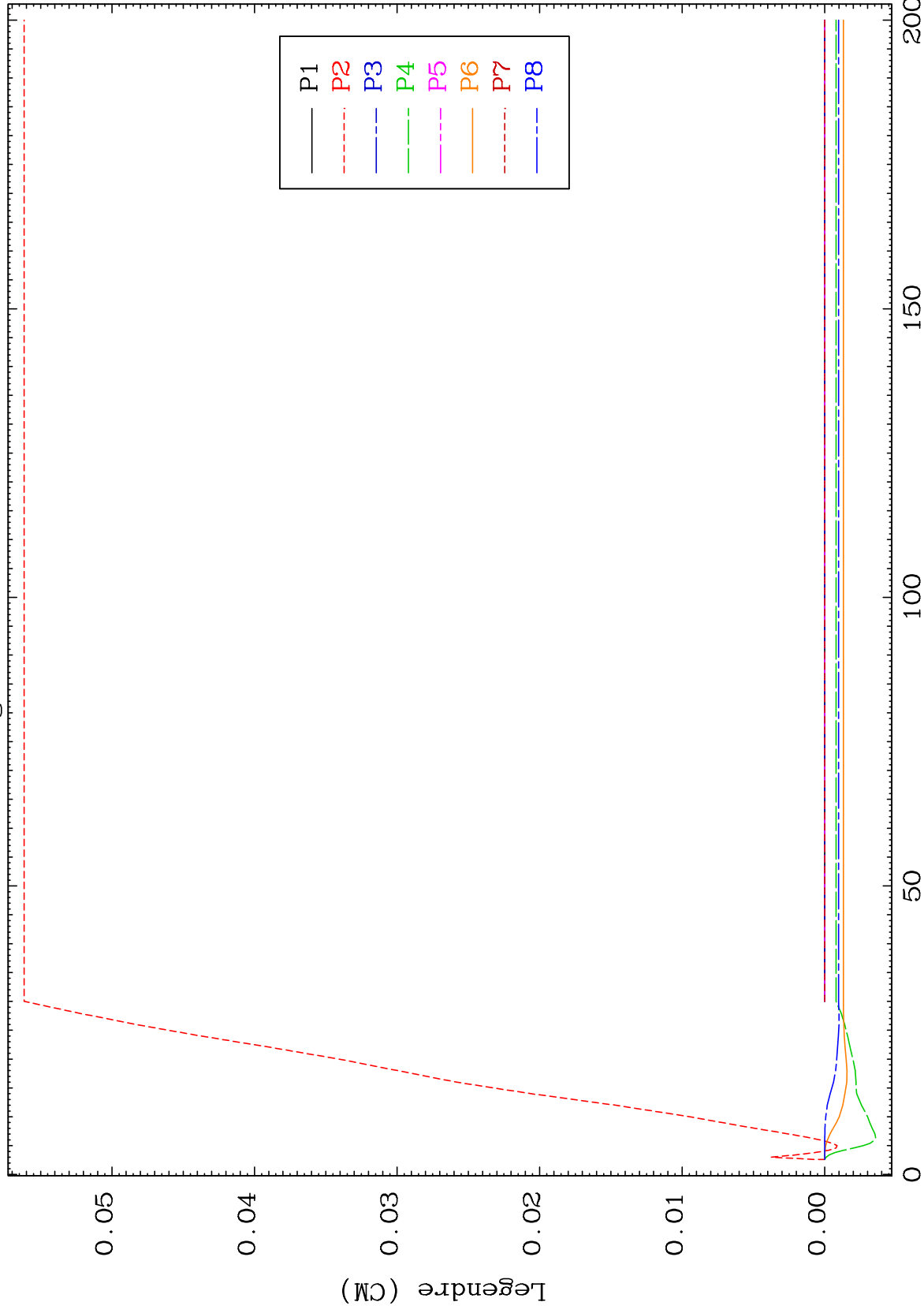
MAT 3161 MT= 76 (n,n') Level Legendre Coefficients 31-Ga-81



MAT 3161

MT= 77 (n,n') Level
Legendre Coefficients

31-Ga-81



98

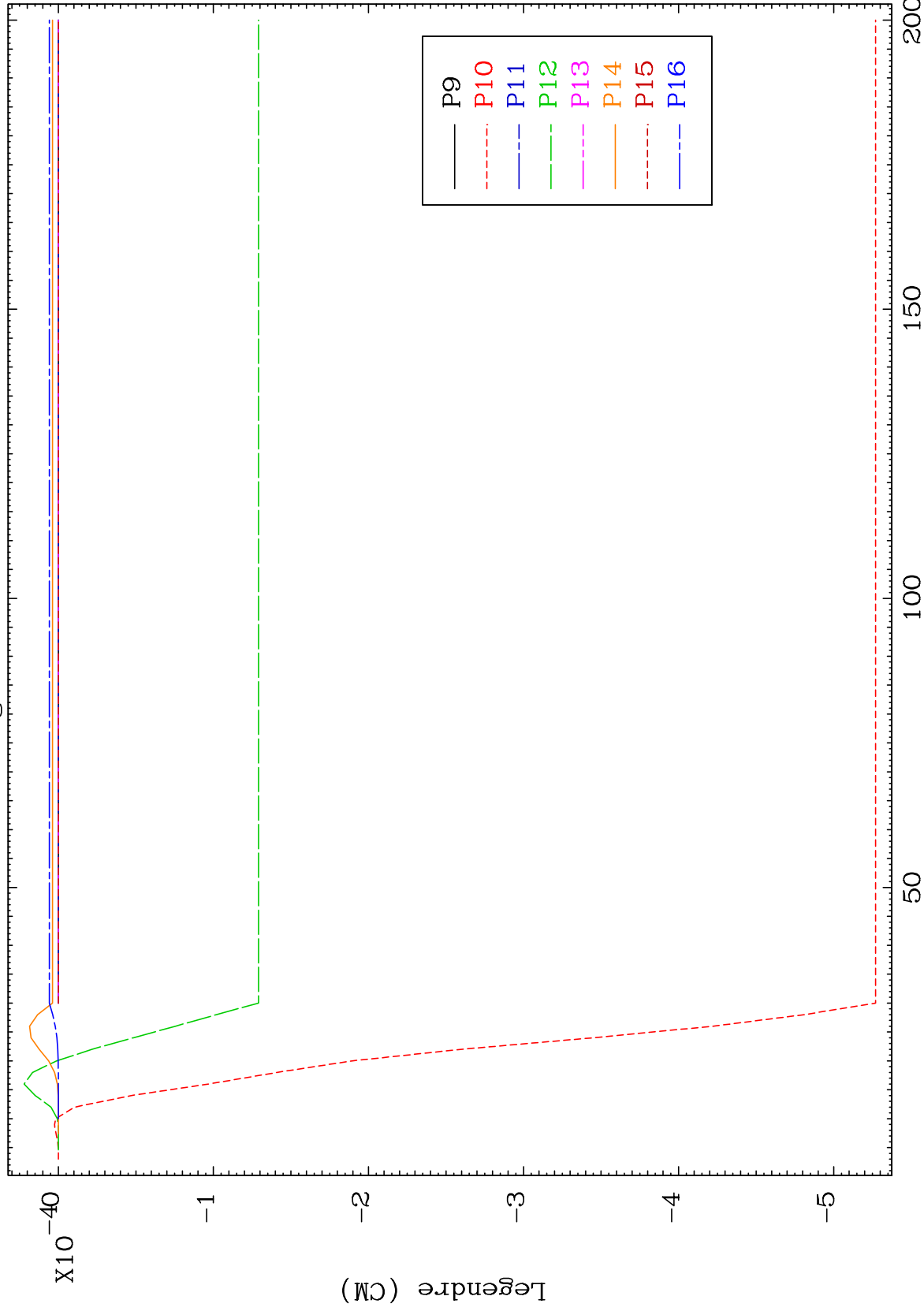
Incident Energy (MeV)

31-Ga-81

MAT 3161

MT= 77 (n,n') Level
Legendre Coefficients

31-Ga-81

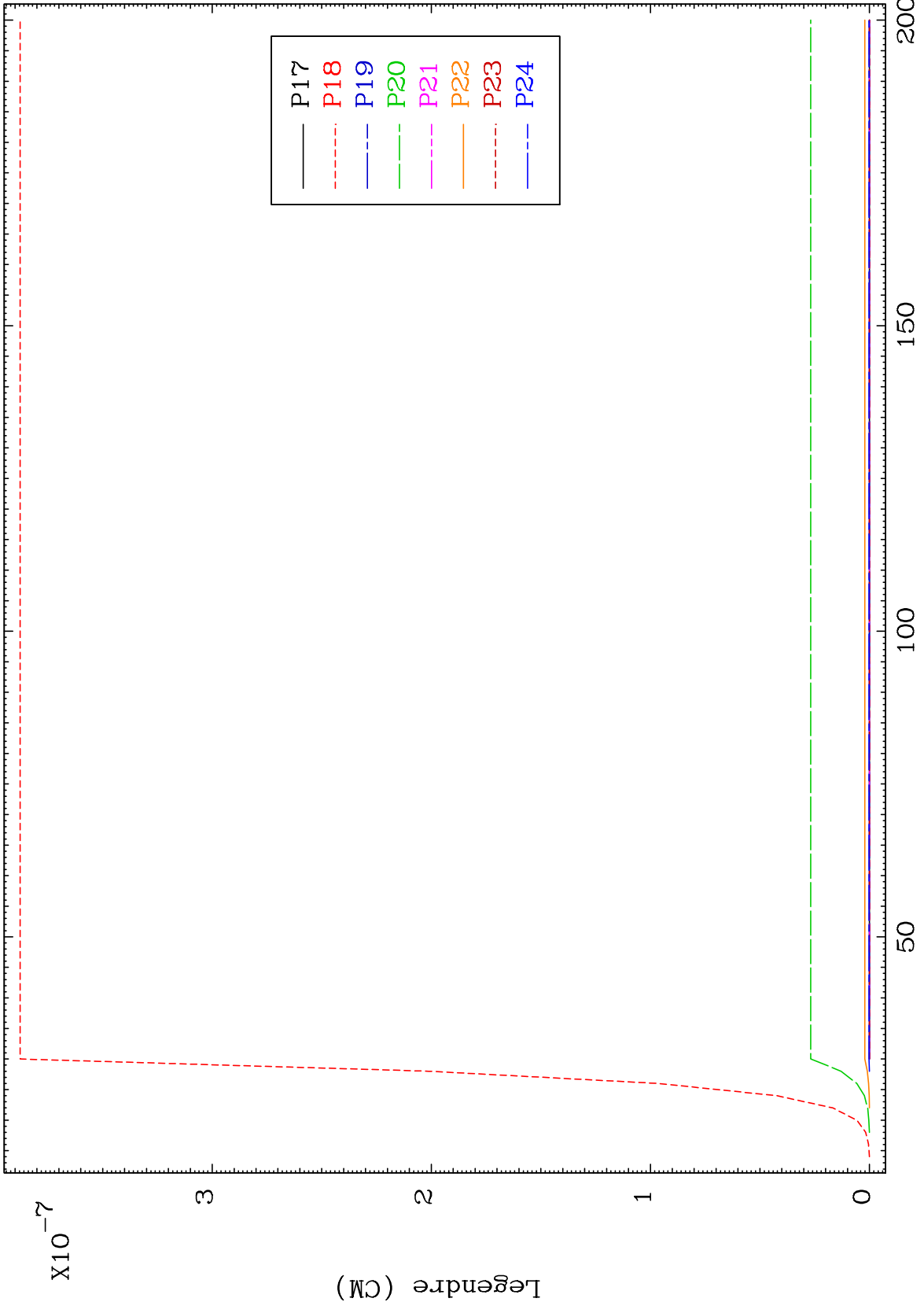


99

Incident Energy (MeV)

31-Ga-81

MAT 3161 MT= 77 (n,n') Level Legendre Coefficients 31-Ga-81

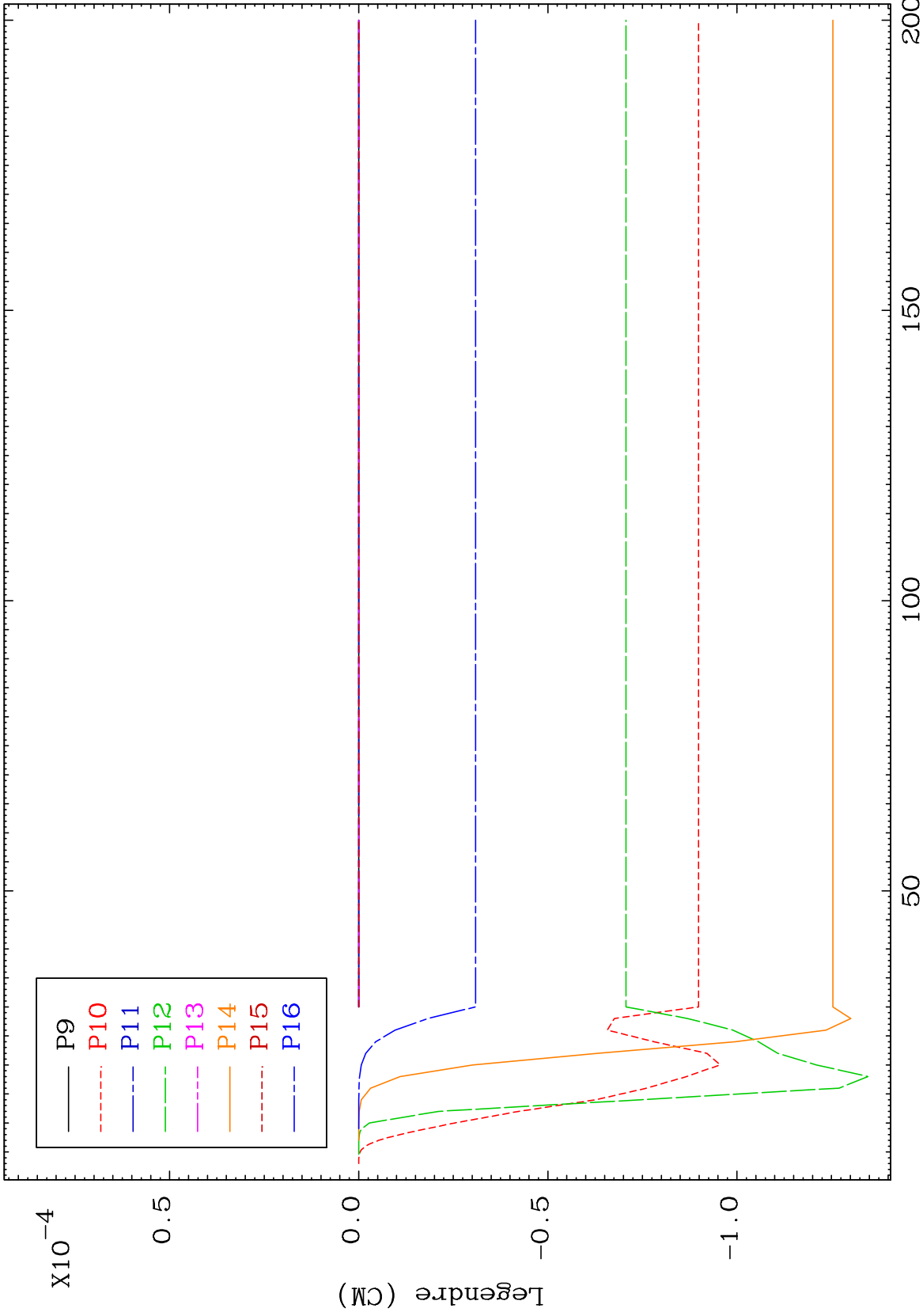


31-Ga-81

MAT 3161

MT= 78 (n,n') Level
Legendre Coefficients

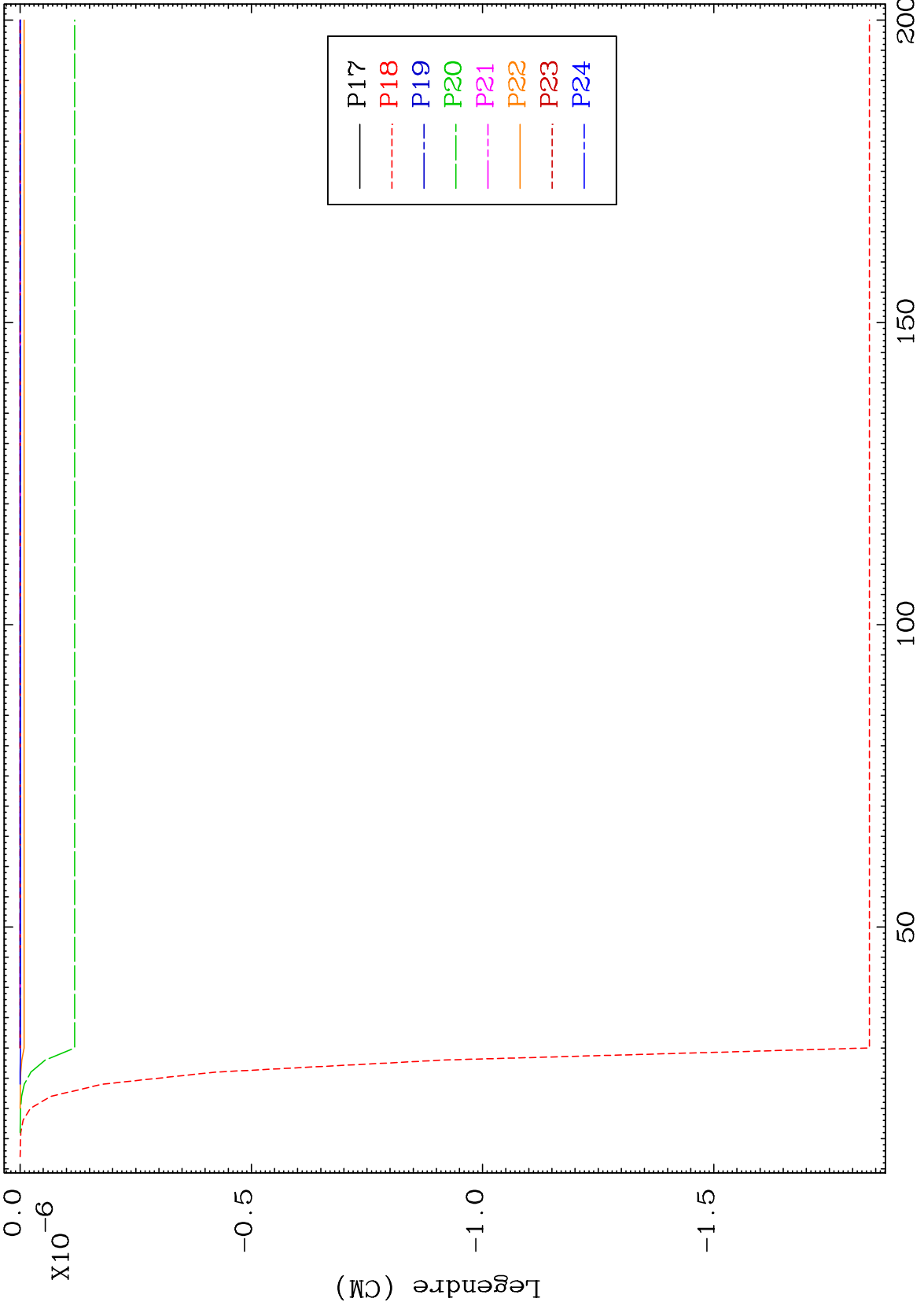
31-Ga-81



102

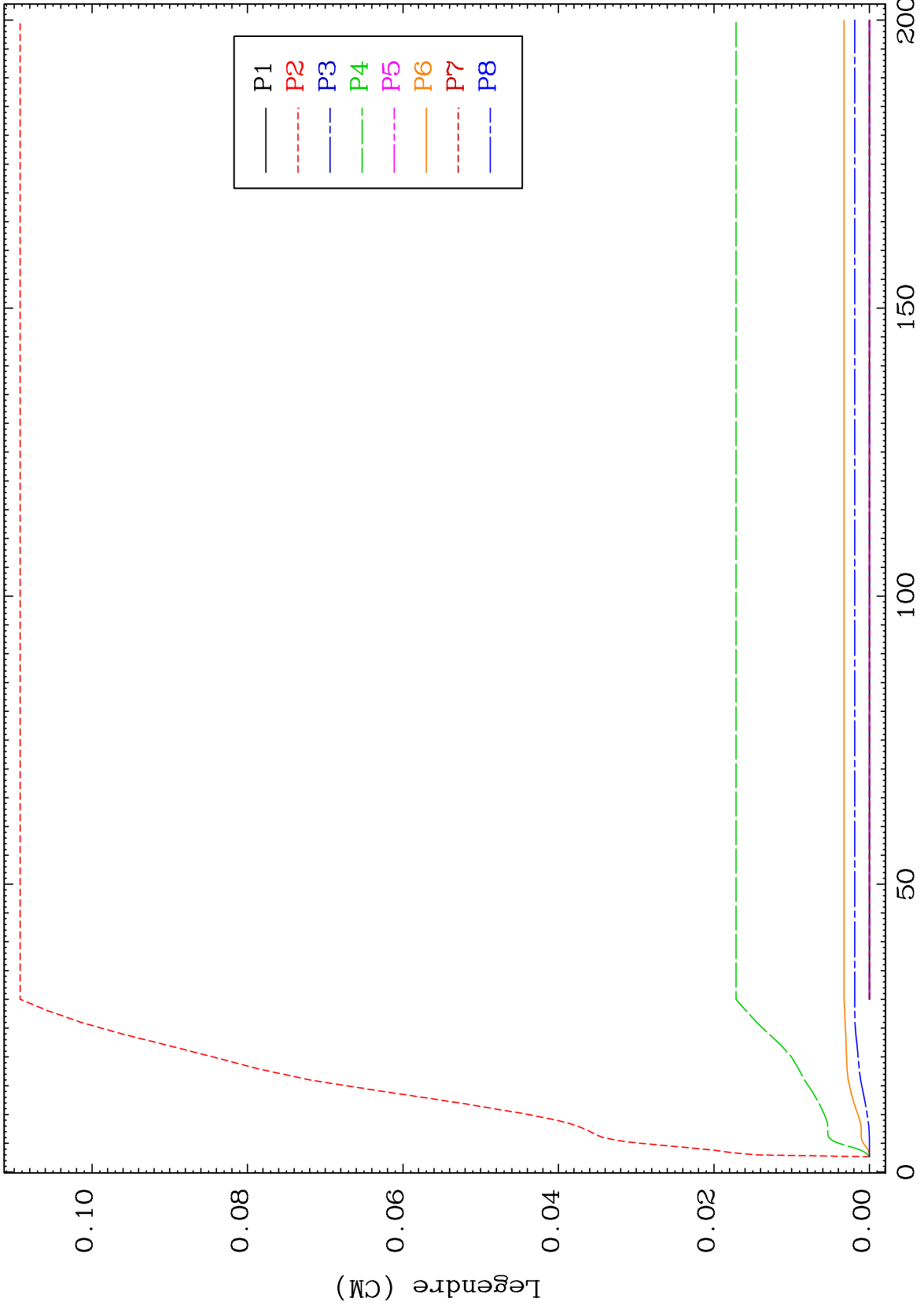
31-Ga-81

MAT 3161 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-81



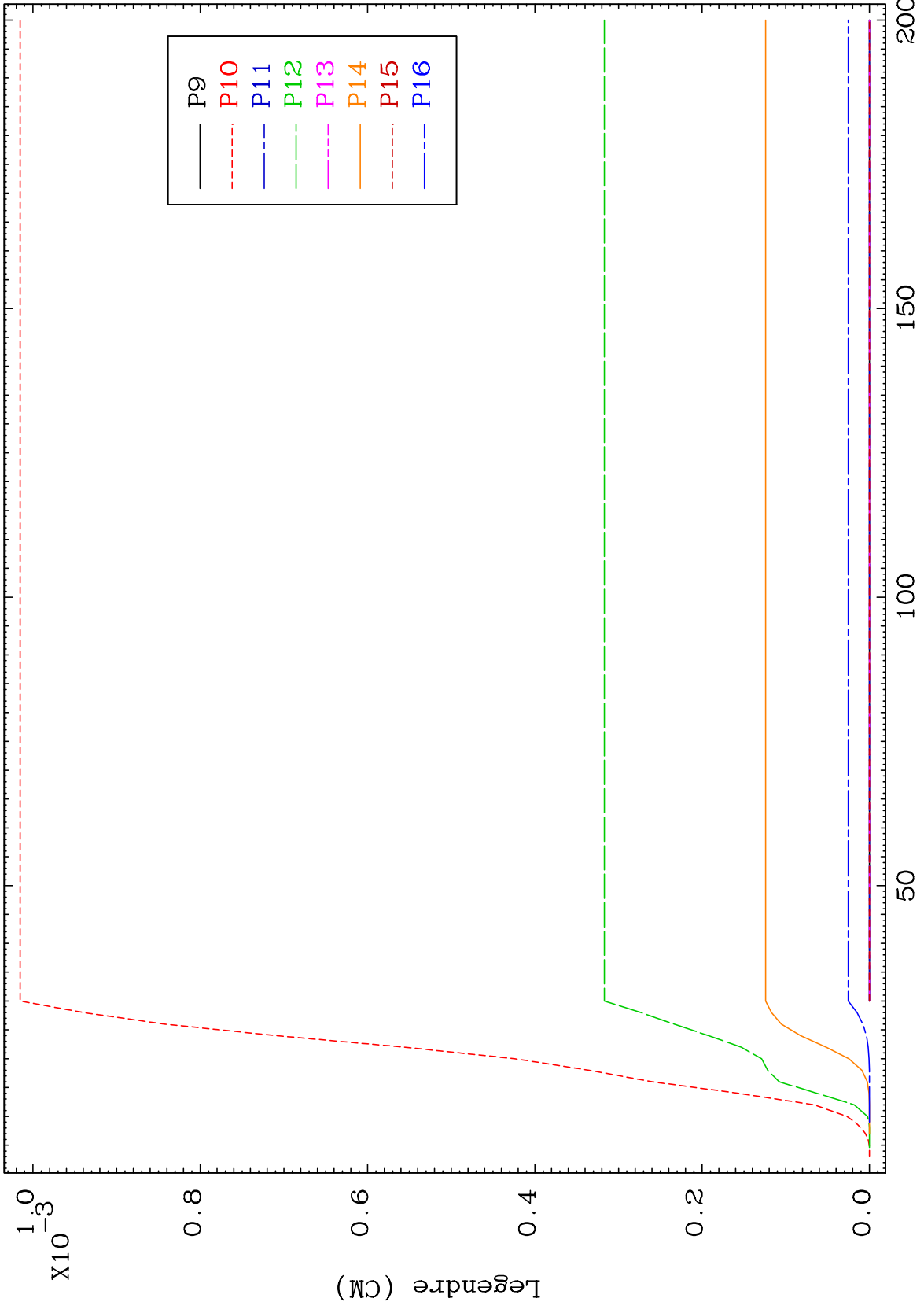
103 31-Ga-81

MAT 3161 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-81

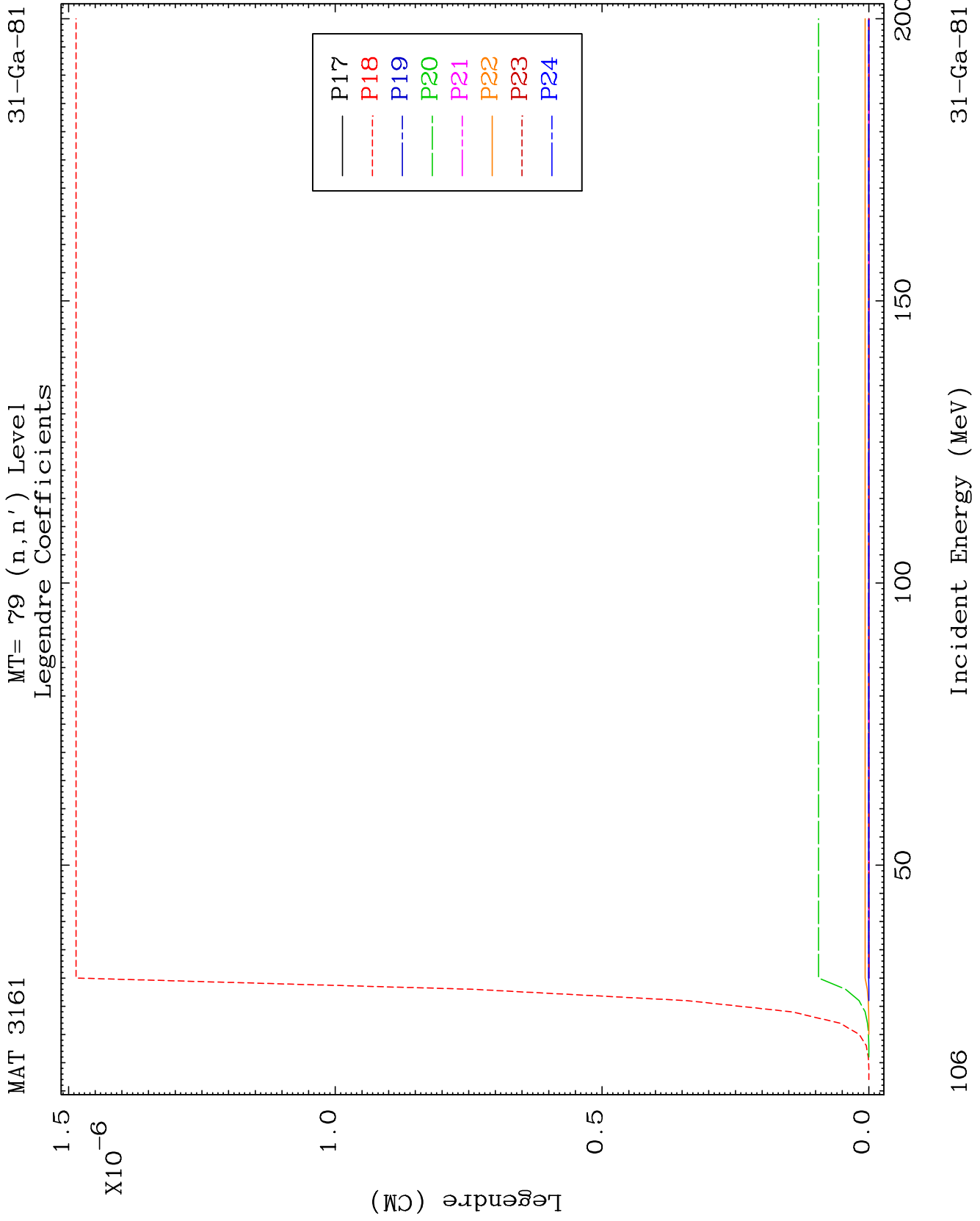


104 31-Ga-81

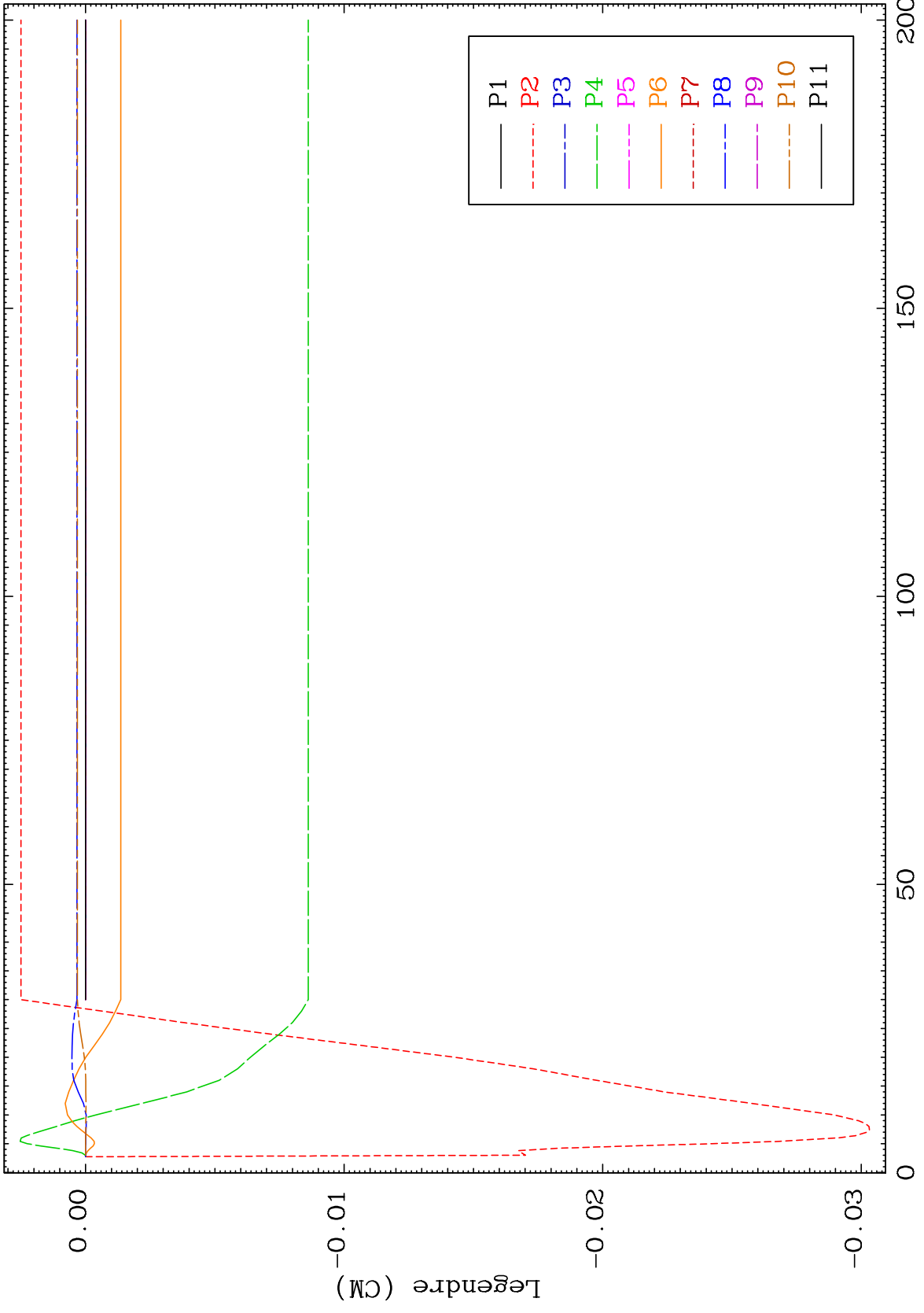
MAT 3161 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-81



31-Ga-81



MAT 3161 MT= 80 (n,n') Level Legendre Coefficients 31-Ga-81

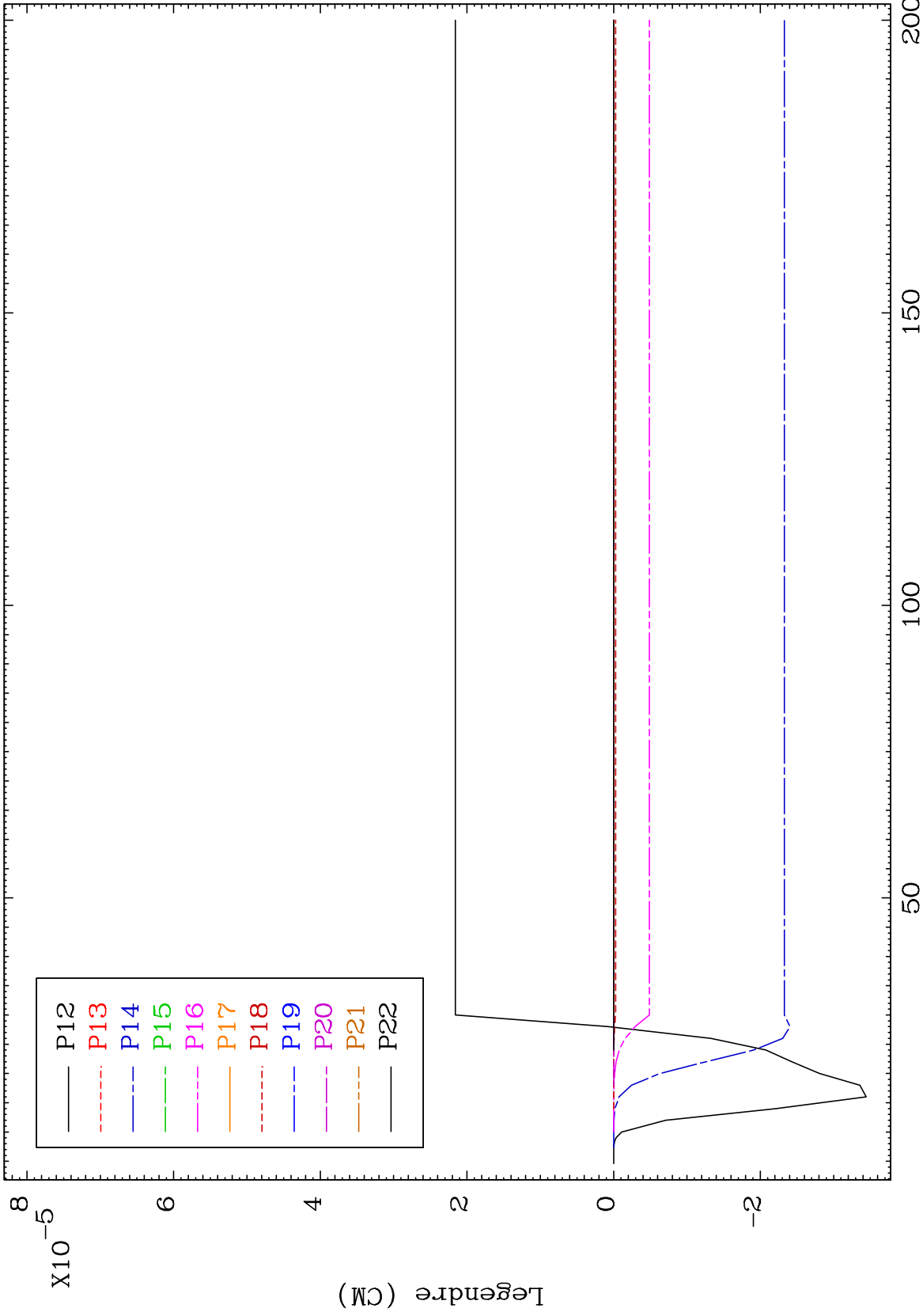


107 Incident Energy (MeV) 31-Ga-81

MAT 3161

MT= 80 (n,n') Level
Legendre Coefficients

31-Ga-81



108

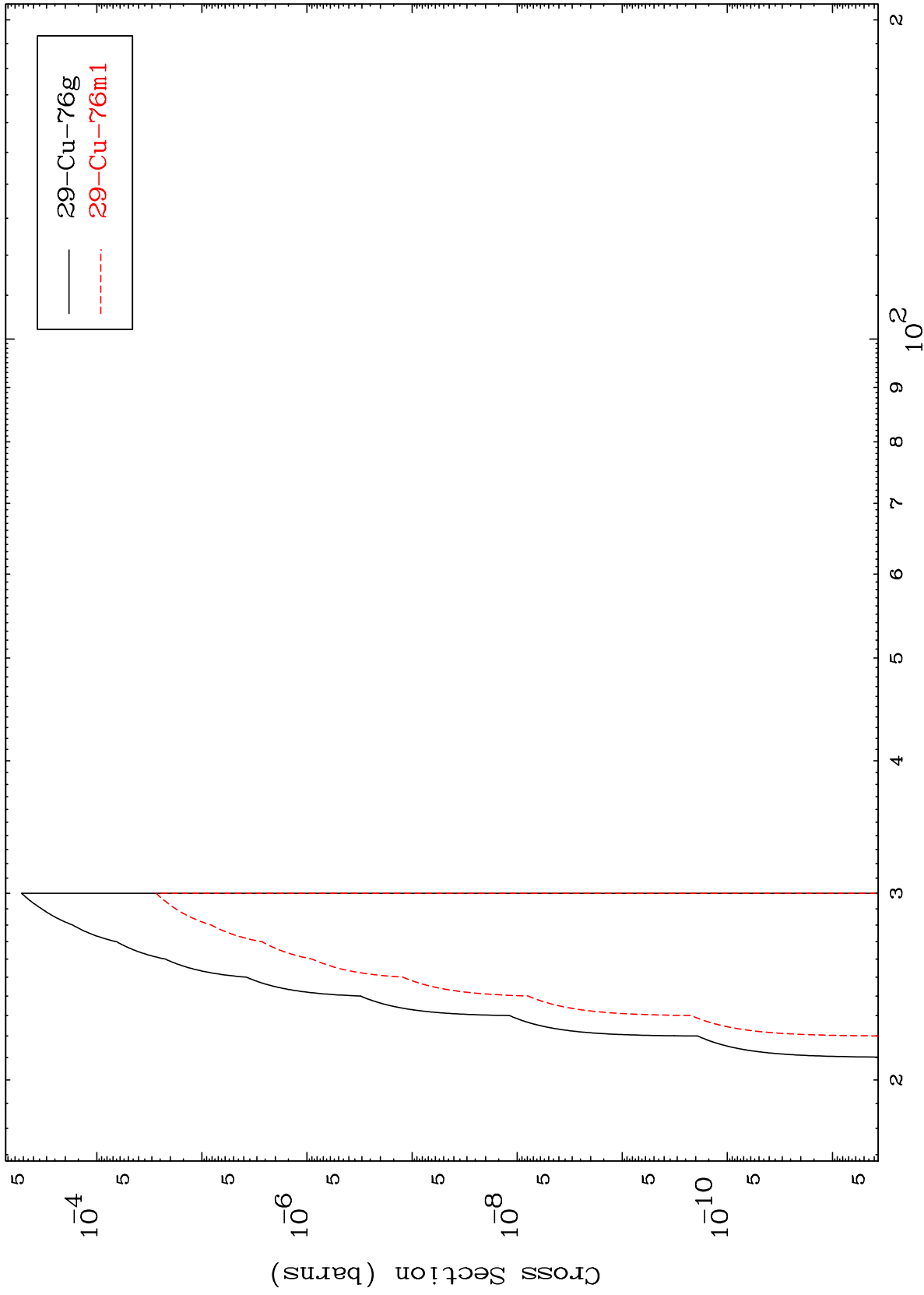
31-Ga-81

MAT 3161

$(n,2n) \alpha$

31-Ga-81

Radionuclide Production Cross Section



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Incident Energy (MeV)

31-Ga-81