

Program EVALPLOT
(Version 2018-1)

by

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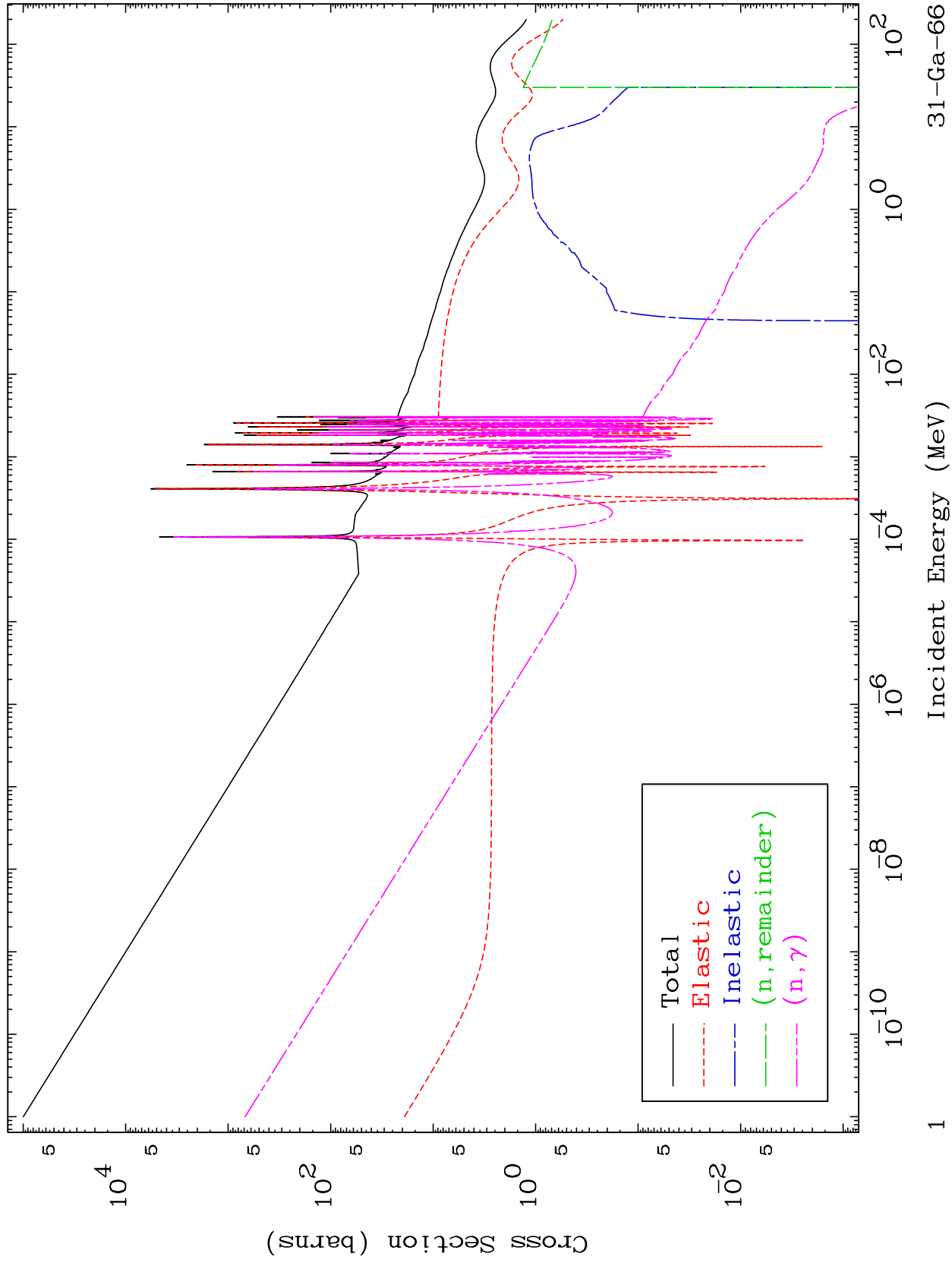
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3116

Major
293 Kelvin Cross Sections

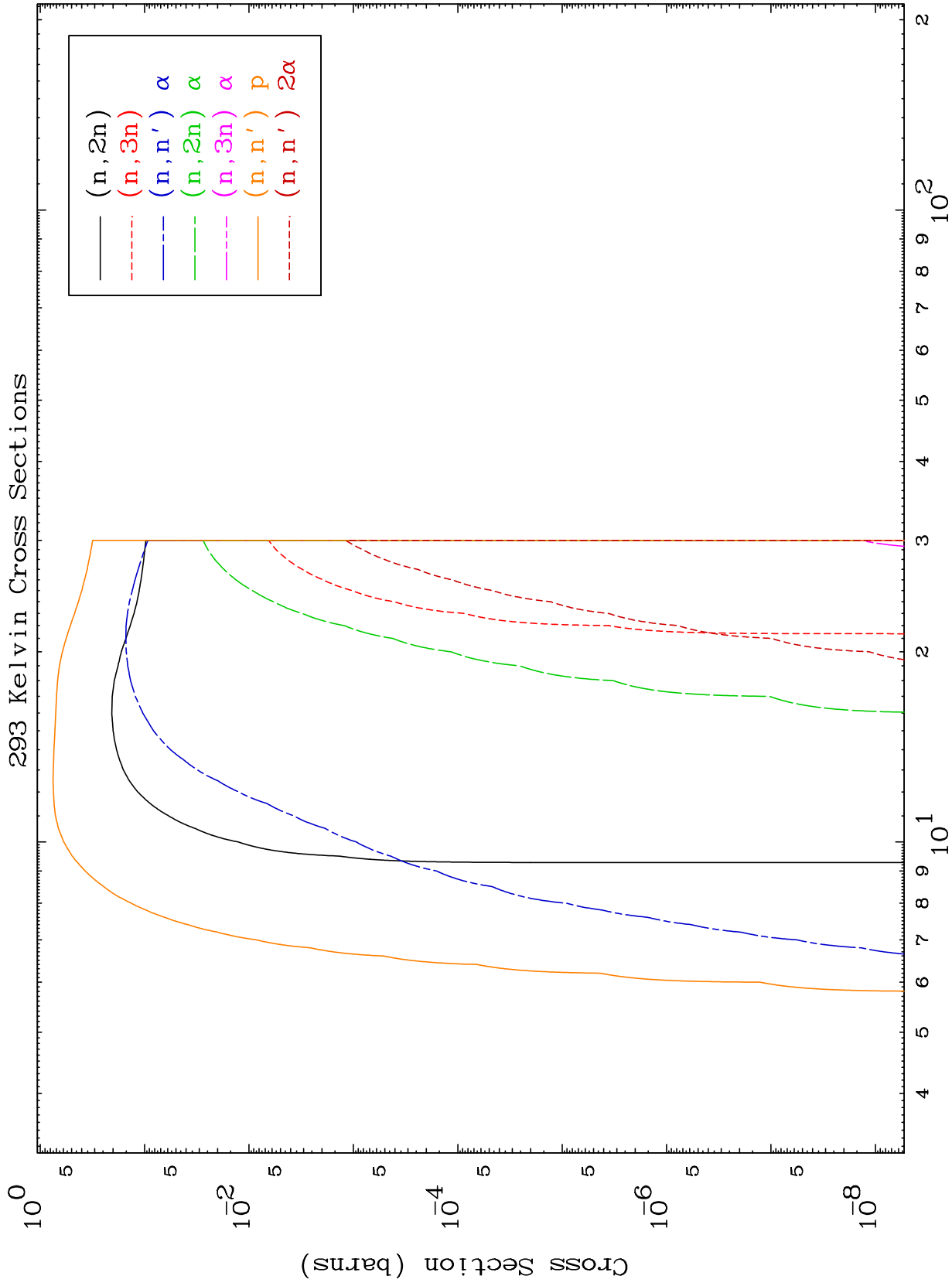
31-Ga-66



MAT 3116

Neutron Production
293 Kelvin Cross Sections

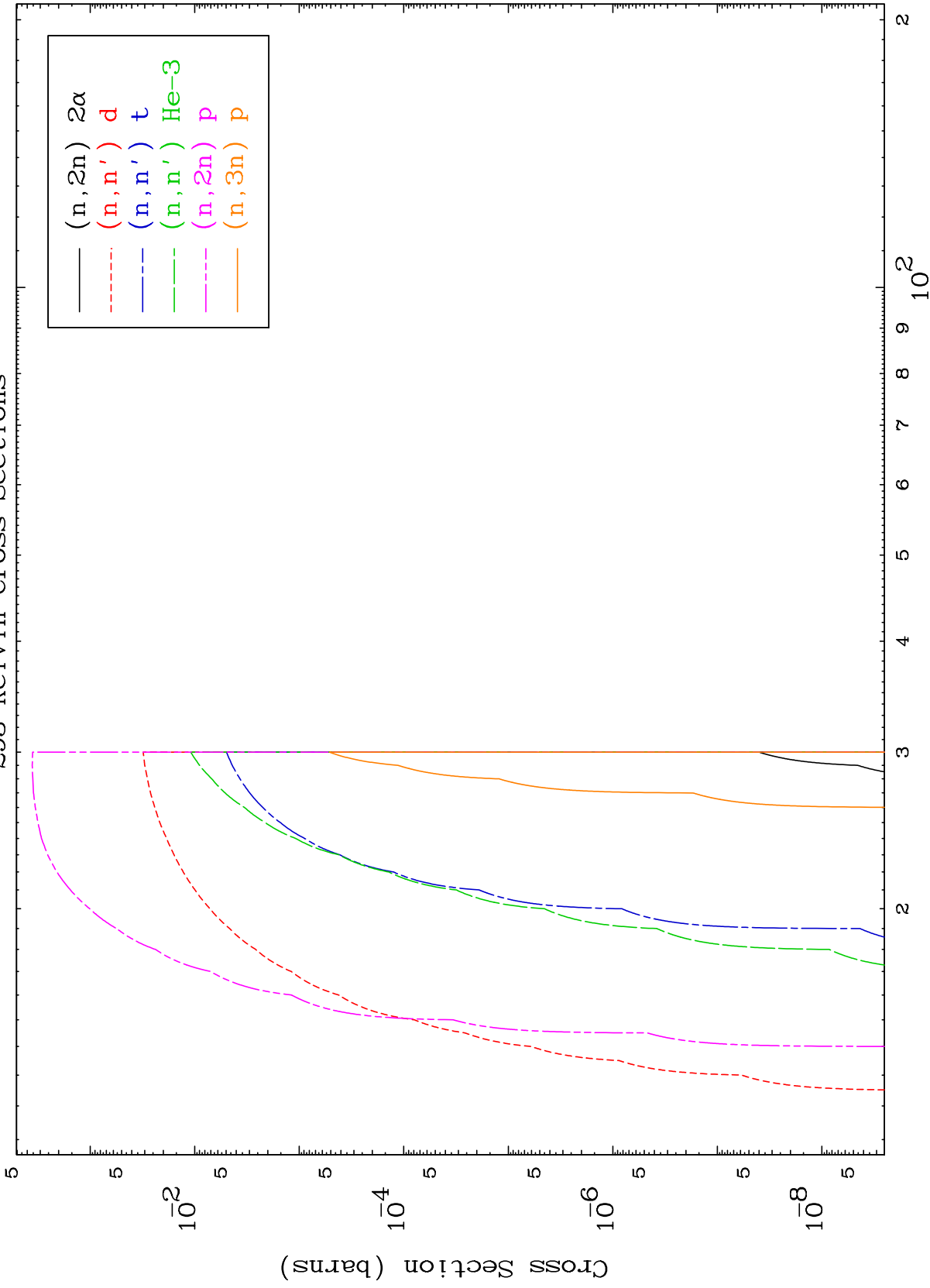
31-Ga-66



2

Incident Energy (MeV)

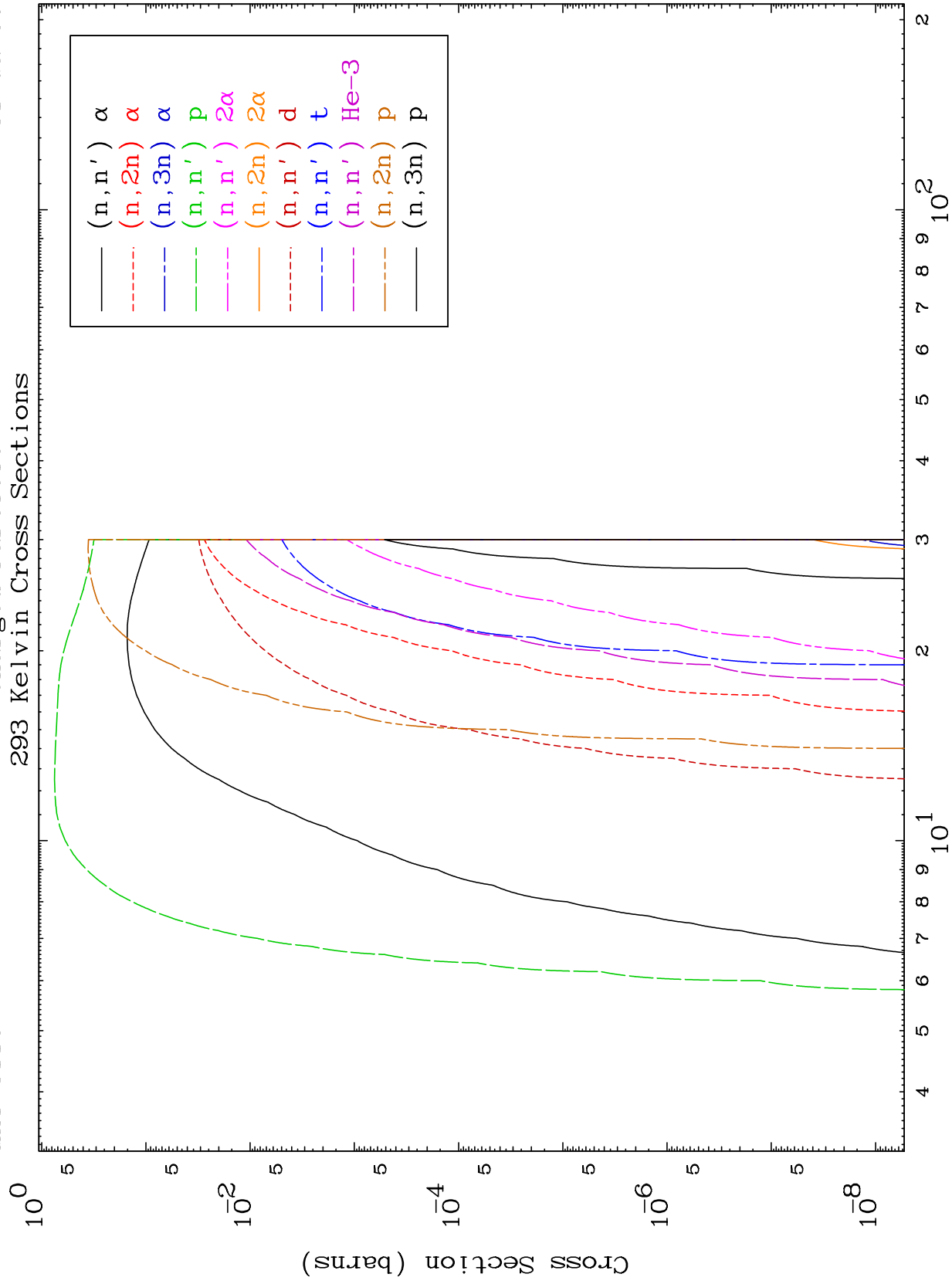
31-Ga-66



MAT 3116

Charged Particle
293 Kelvin Cross Sections

31-Ga-66



4

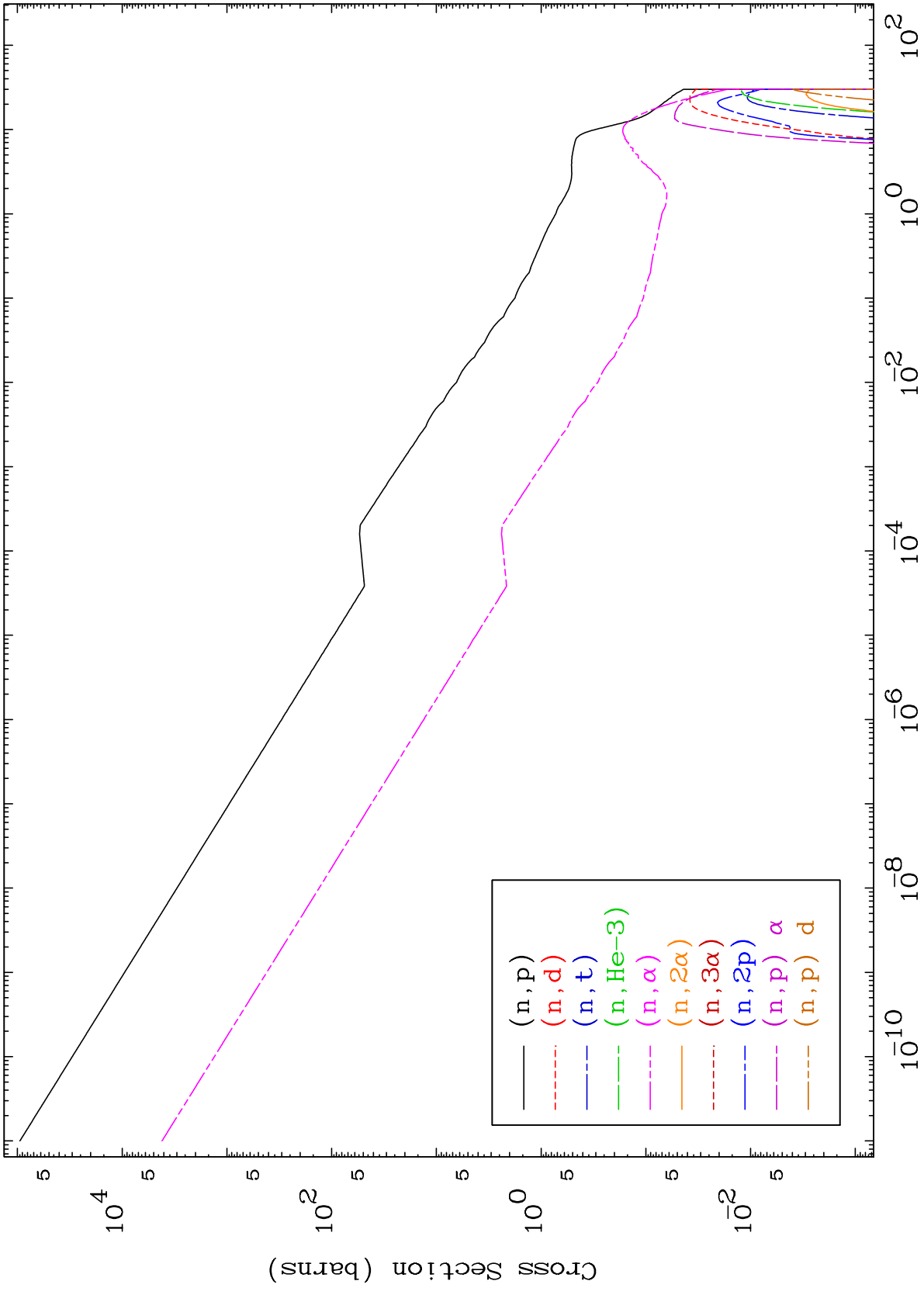
Incident Energy (MeV)

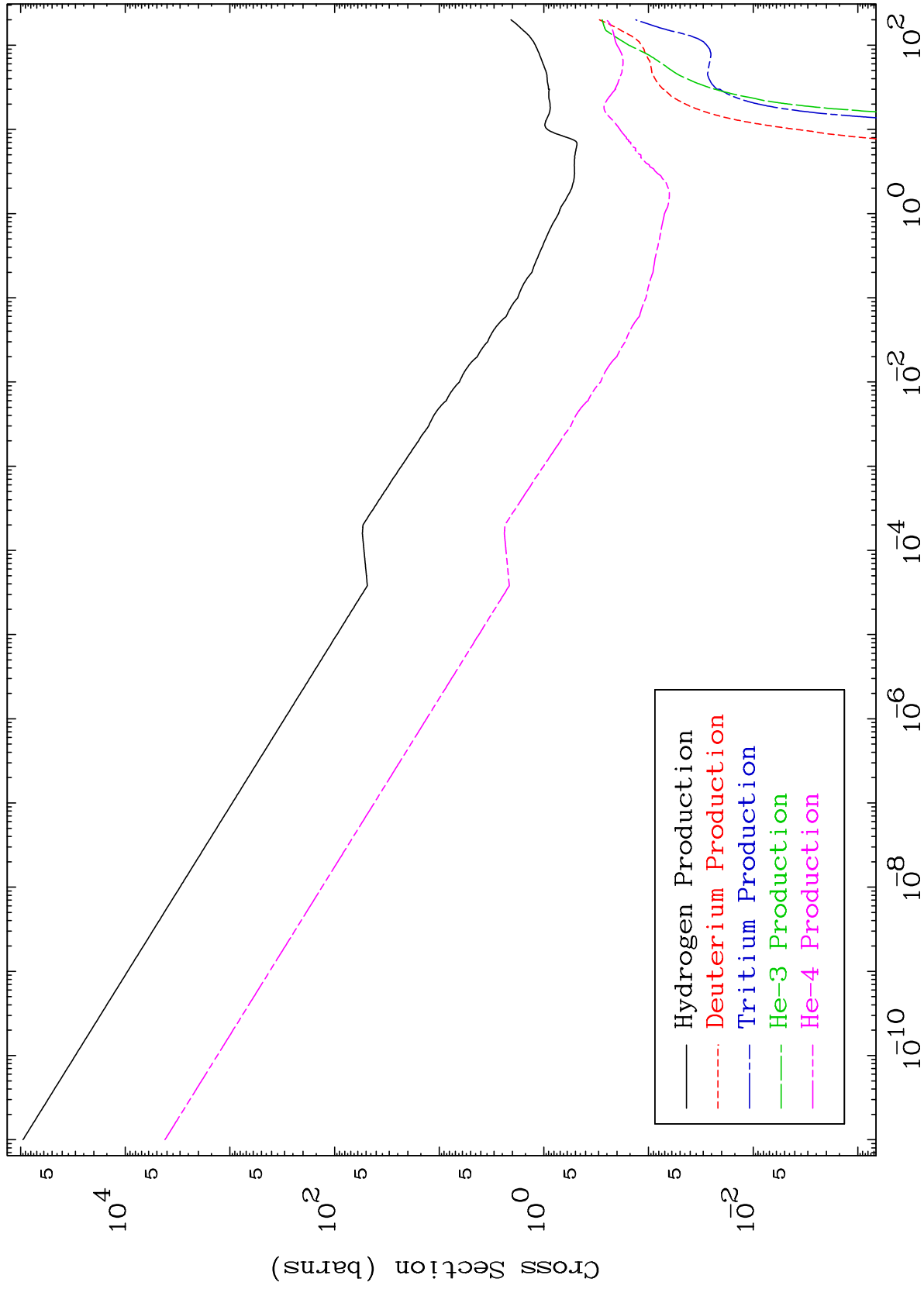
31-Ga-66

MAT 3116

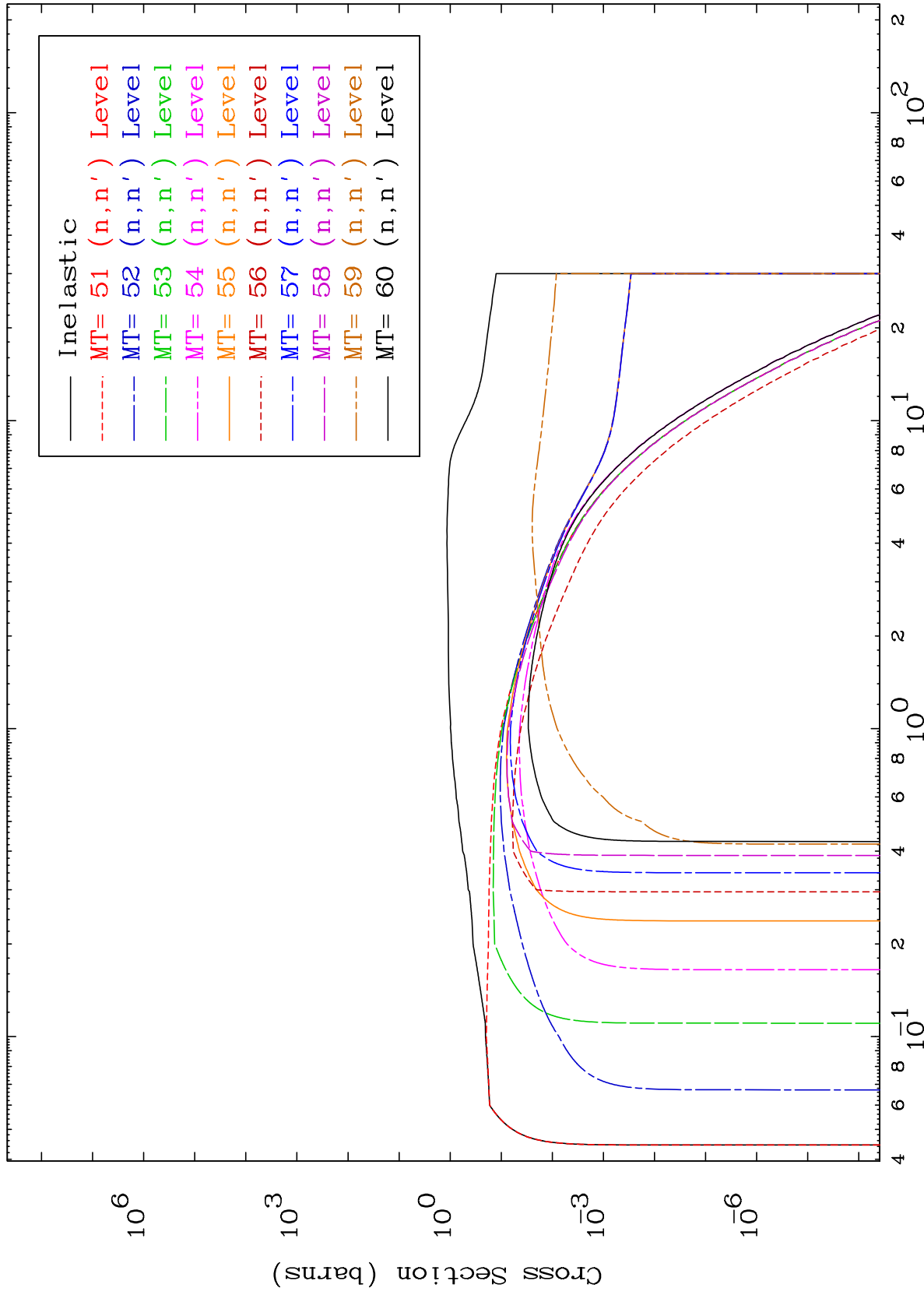
Charged Particle
293 Kelvin Cross Sections

31-Ga-66





293 Kelvin Cross Sections

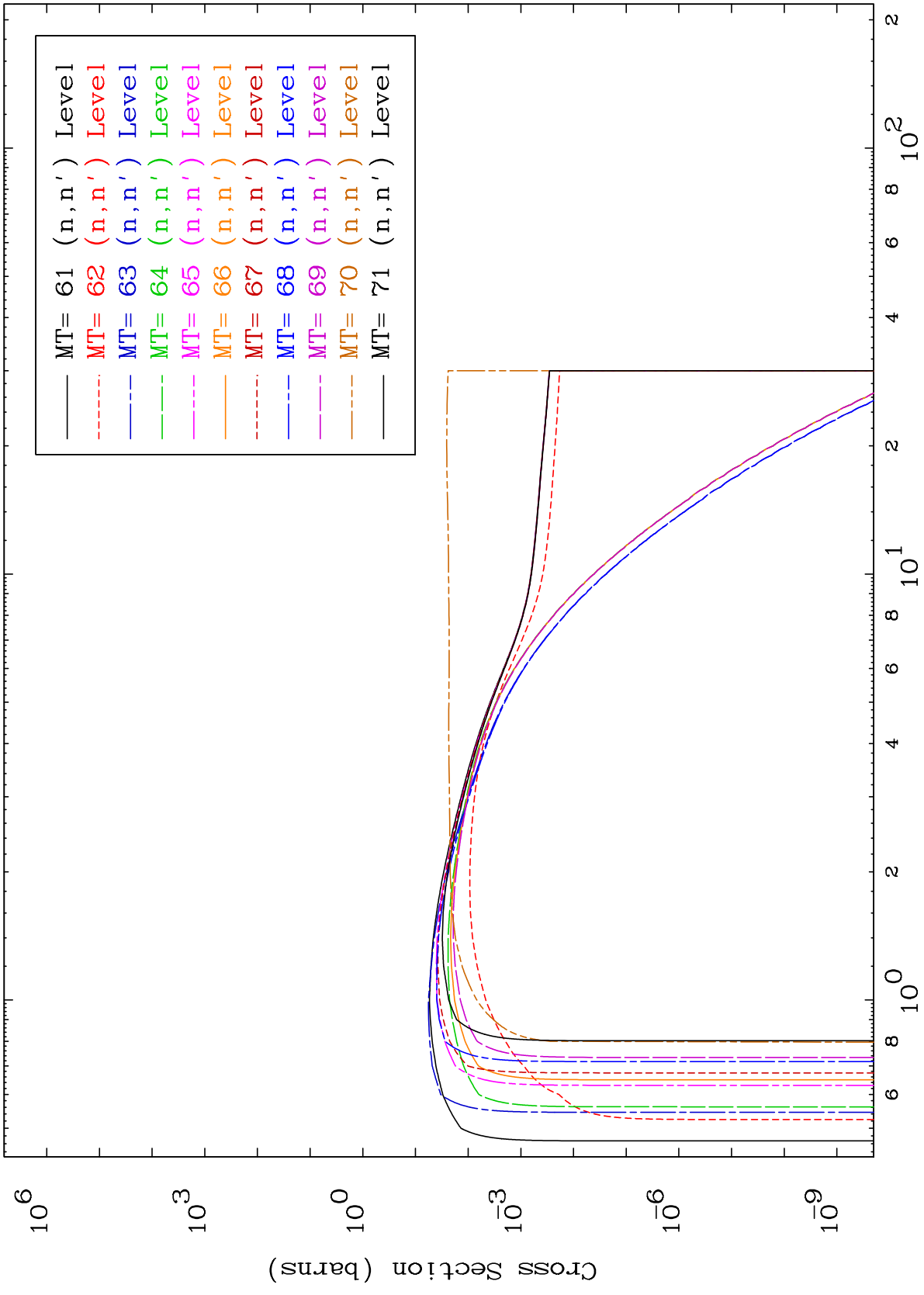


MAT 3116

(n,n') Level

31-Ga-66

293 Kelvin Cross Sections



8

Incident Energy (MeV)

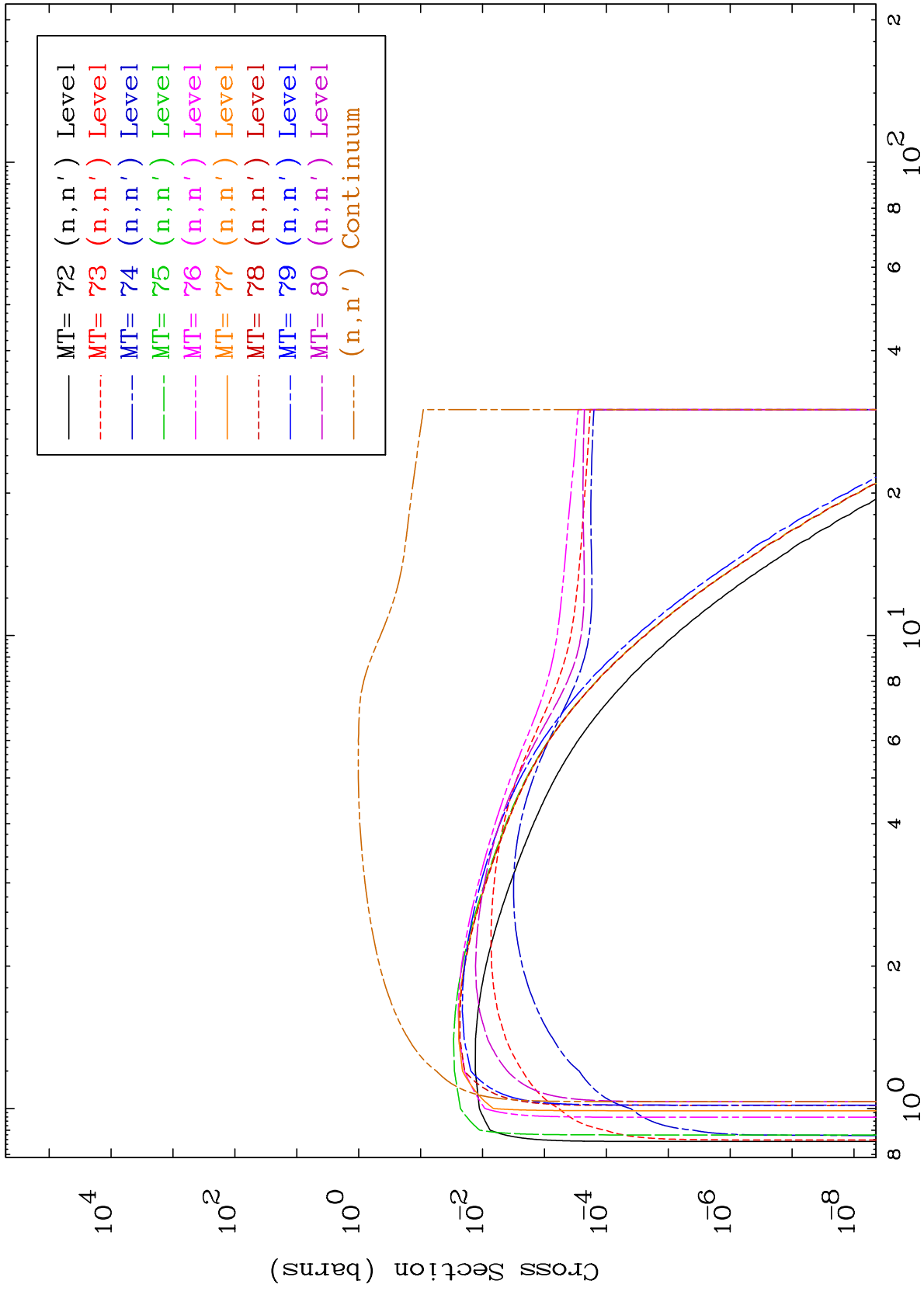
31-Ga-66

MAT 3116

(n,n') Level

31-Ga-66

293 Kelvin Cross Sections



9

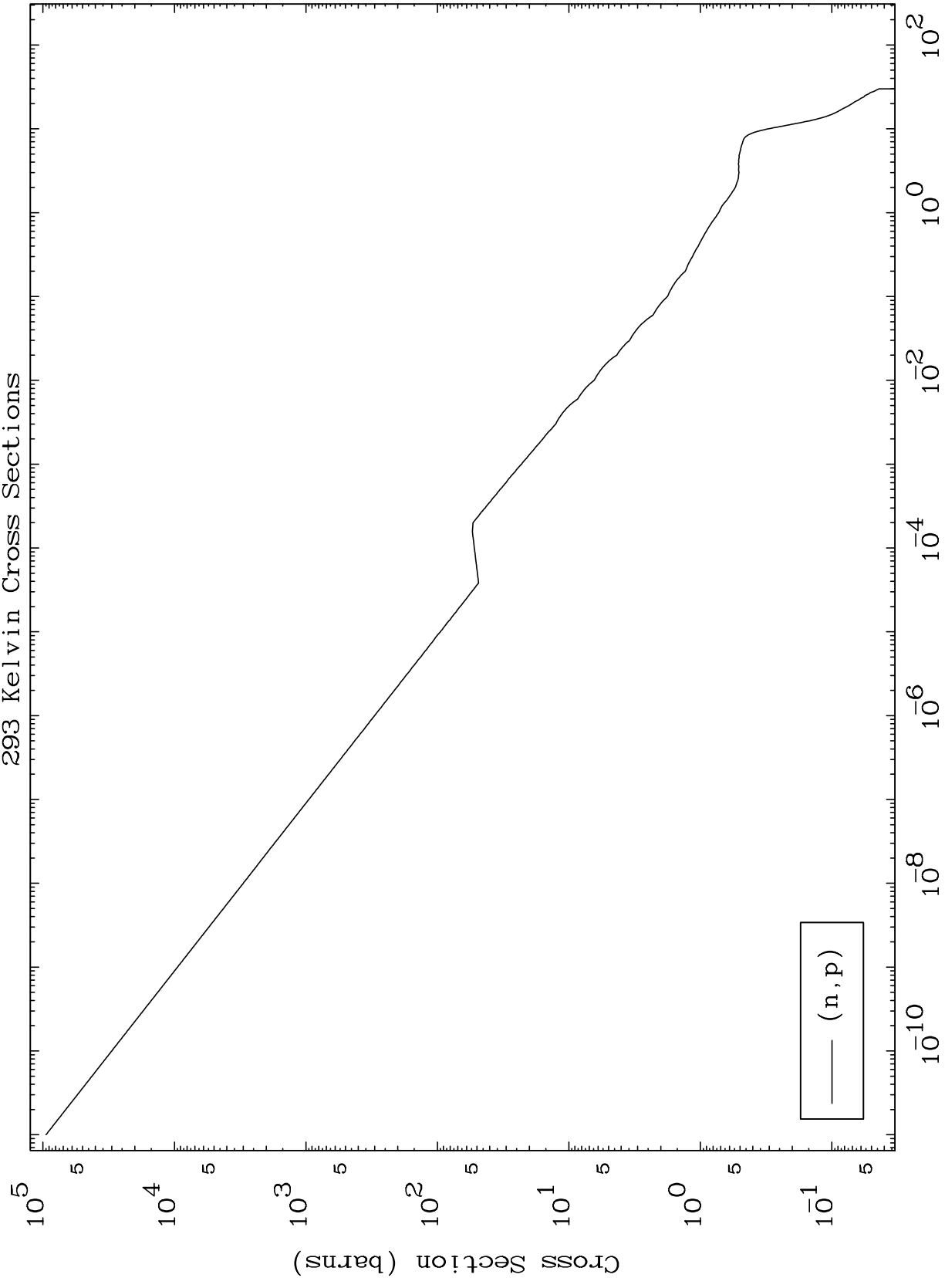
Incident Energy (MeV)

31-Ga-66

MAT 3116

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-66



10

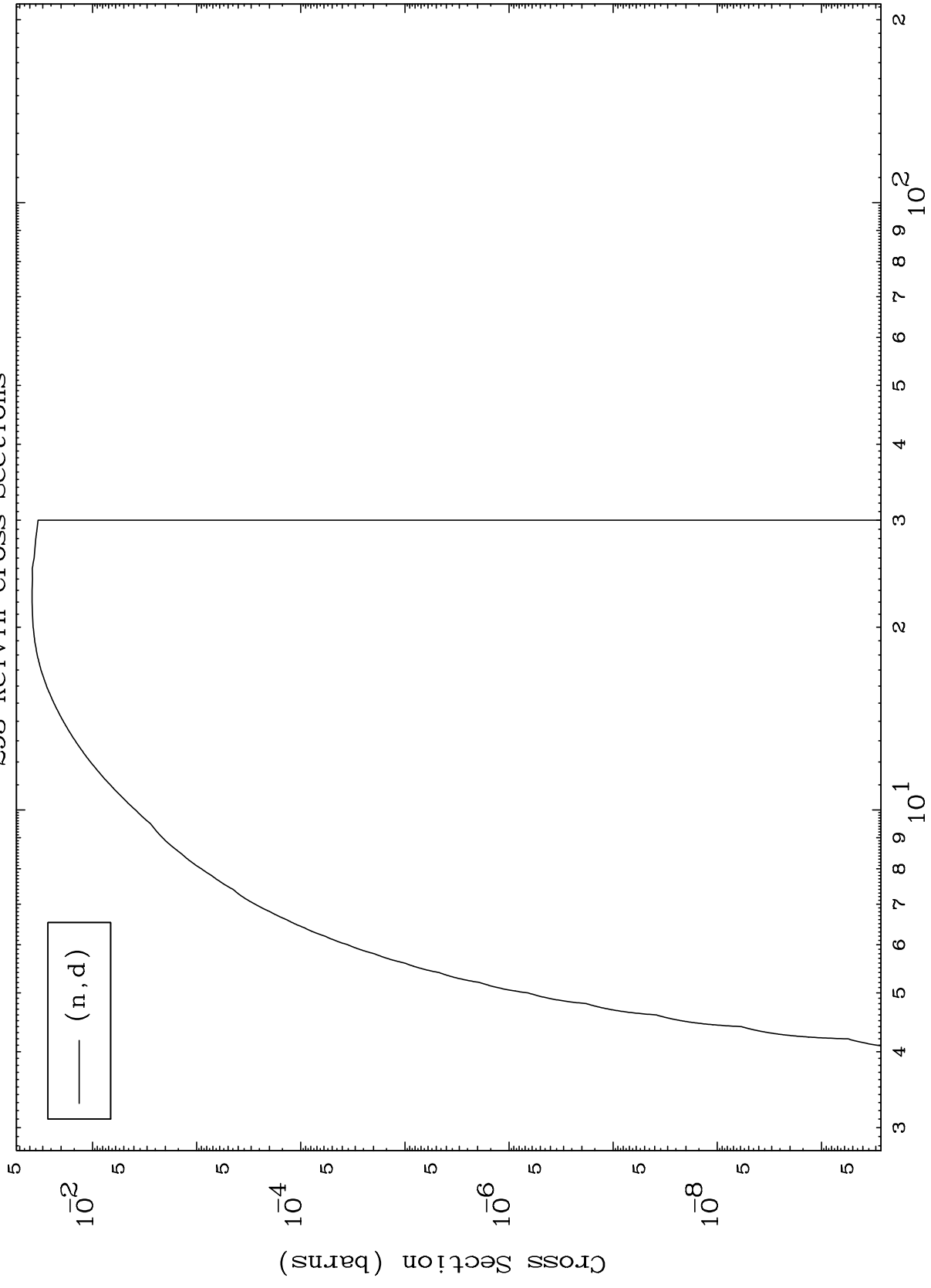
Incident Energy (MeV)

31-Ga-66

MAT 3116

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-66

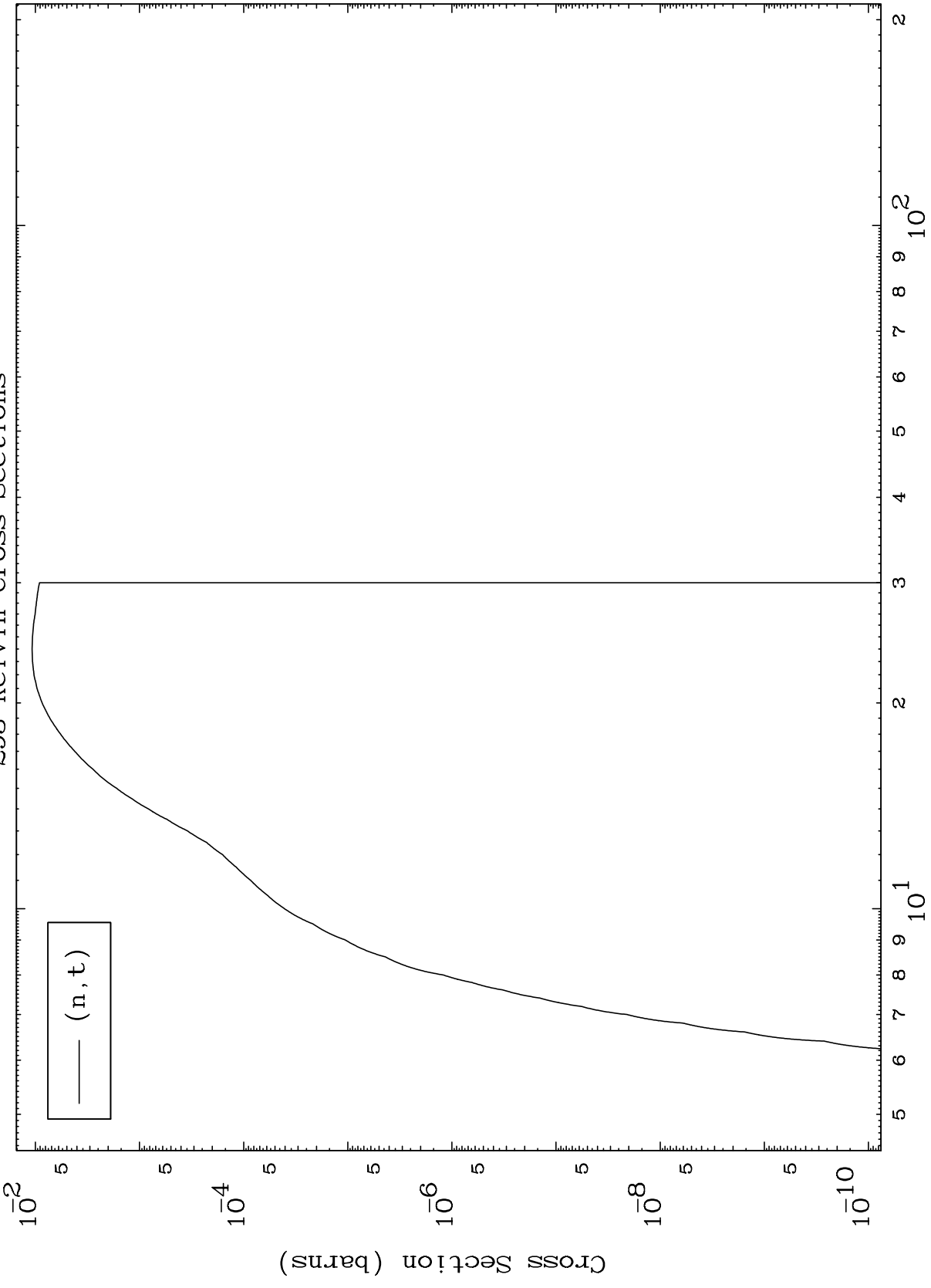


— (n,d)

MAT 3116

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-66



12

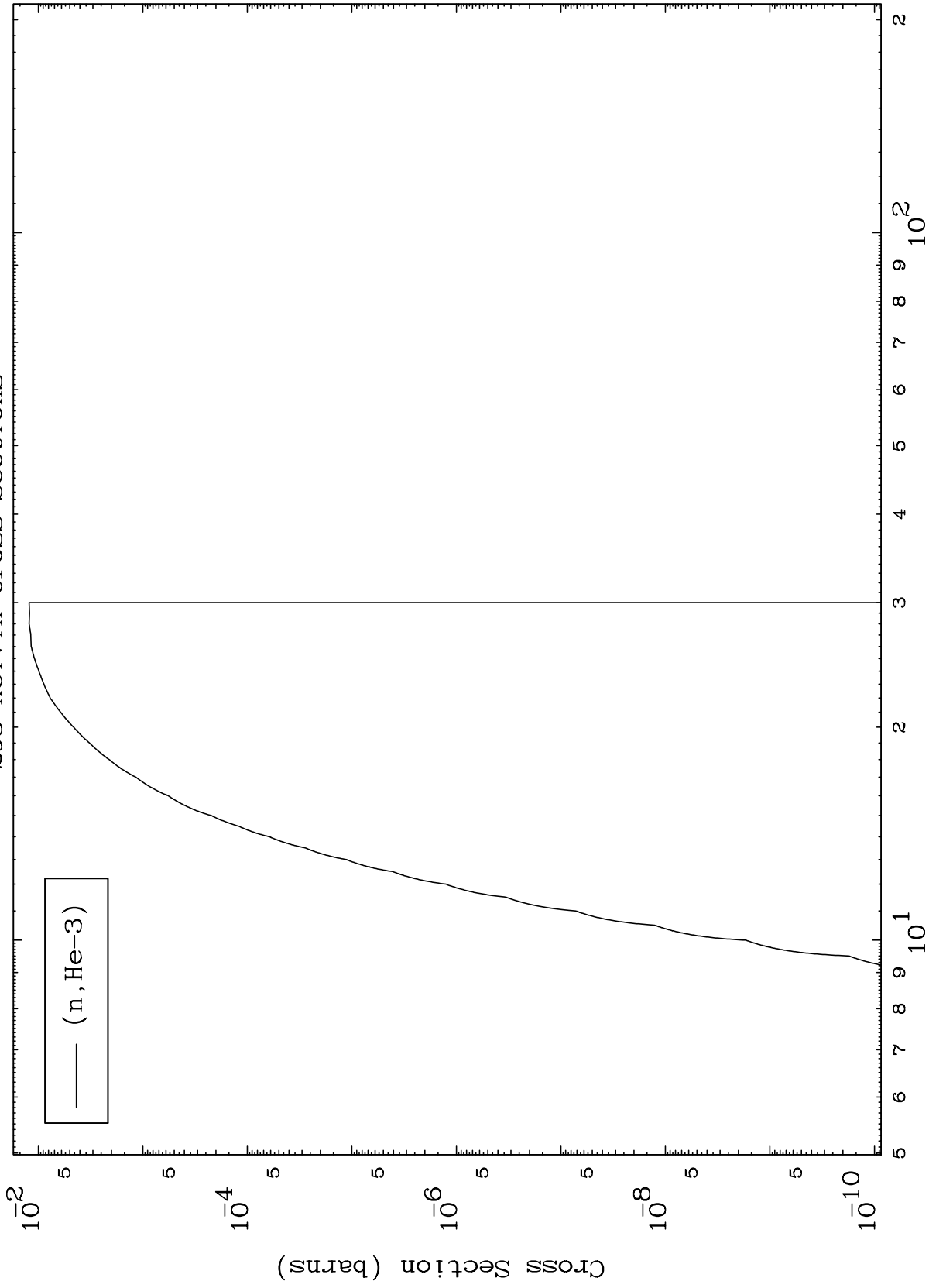
Incident Energy (MeV)

31-Ga-66

MAT 3116

31-Ga-66

(n,He3) Levels
293 Kelvin Cross Sections



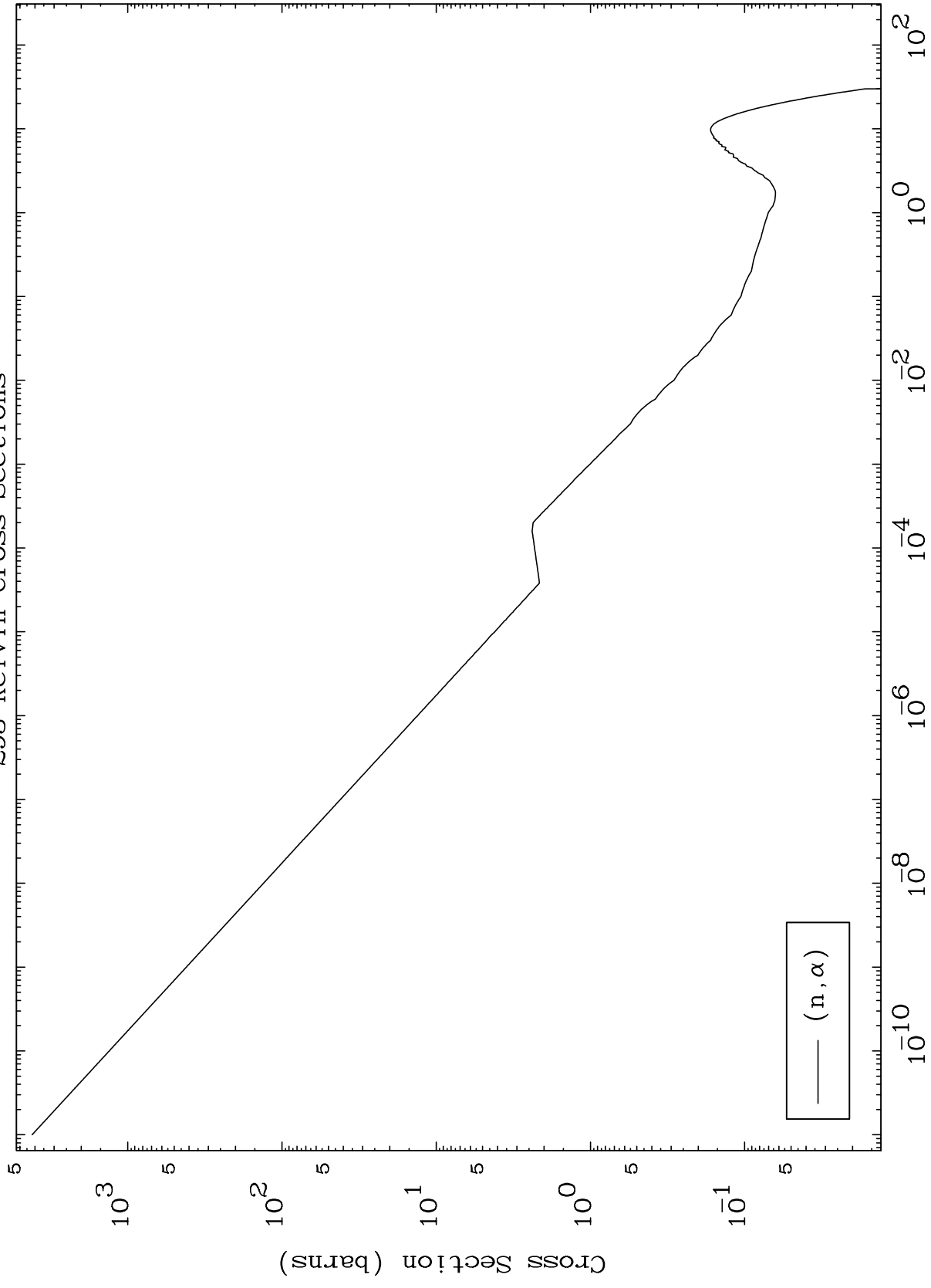
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31-Ga-66

MAT 3116

(n,α) Levels
293 Kelvin Cross Sections

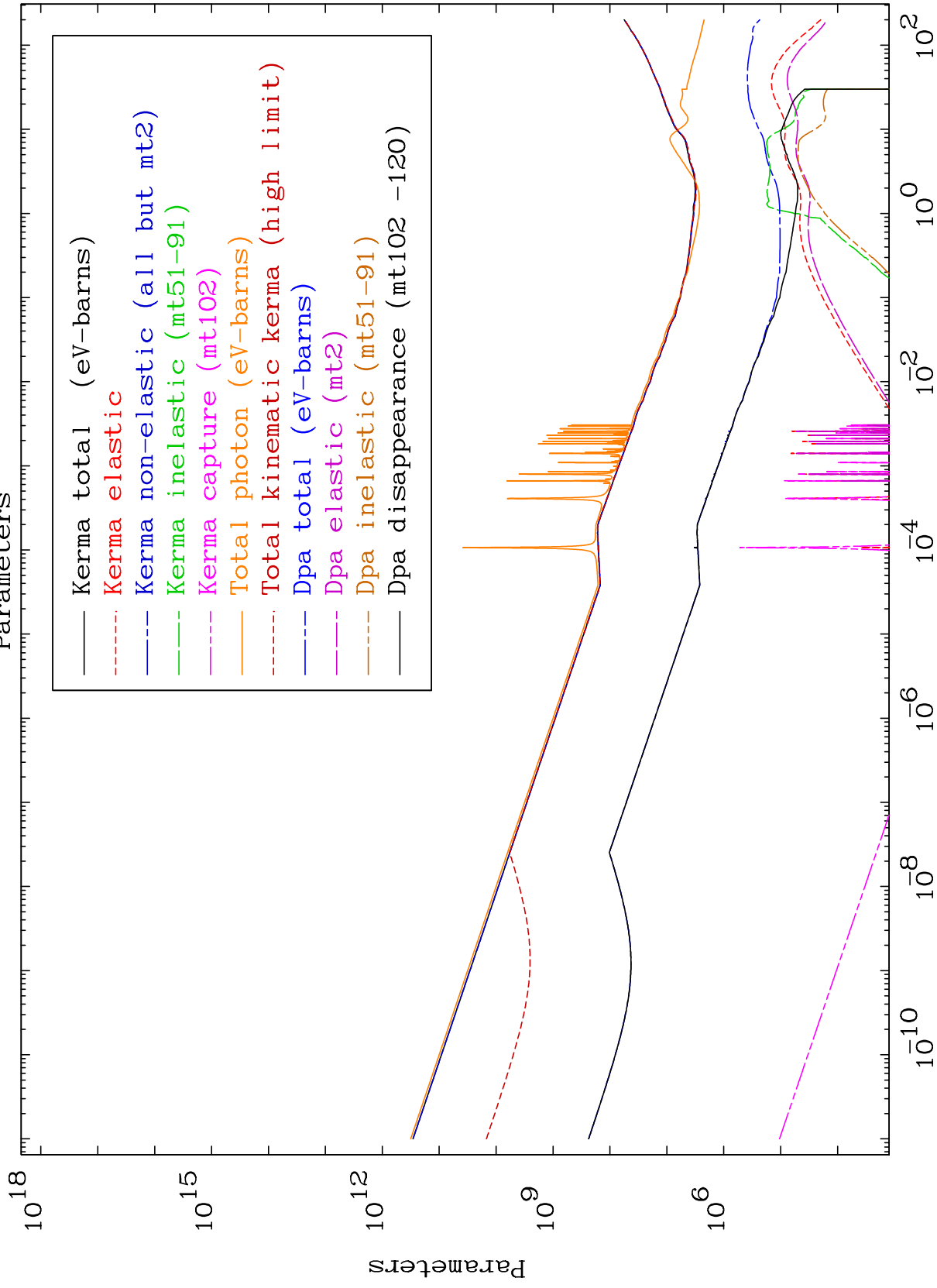
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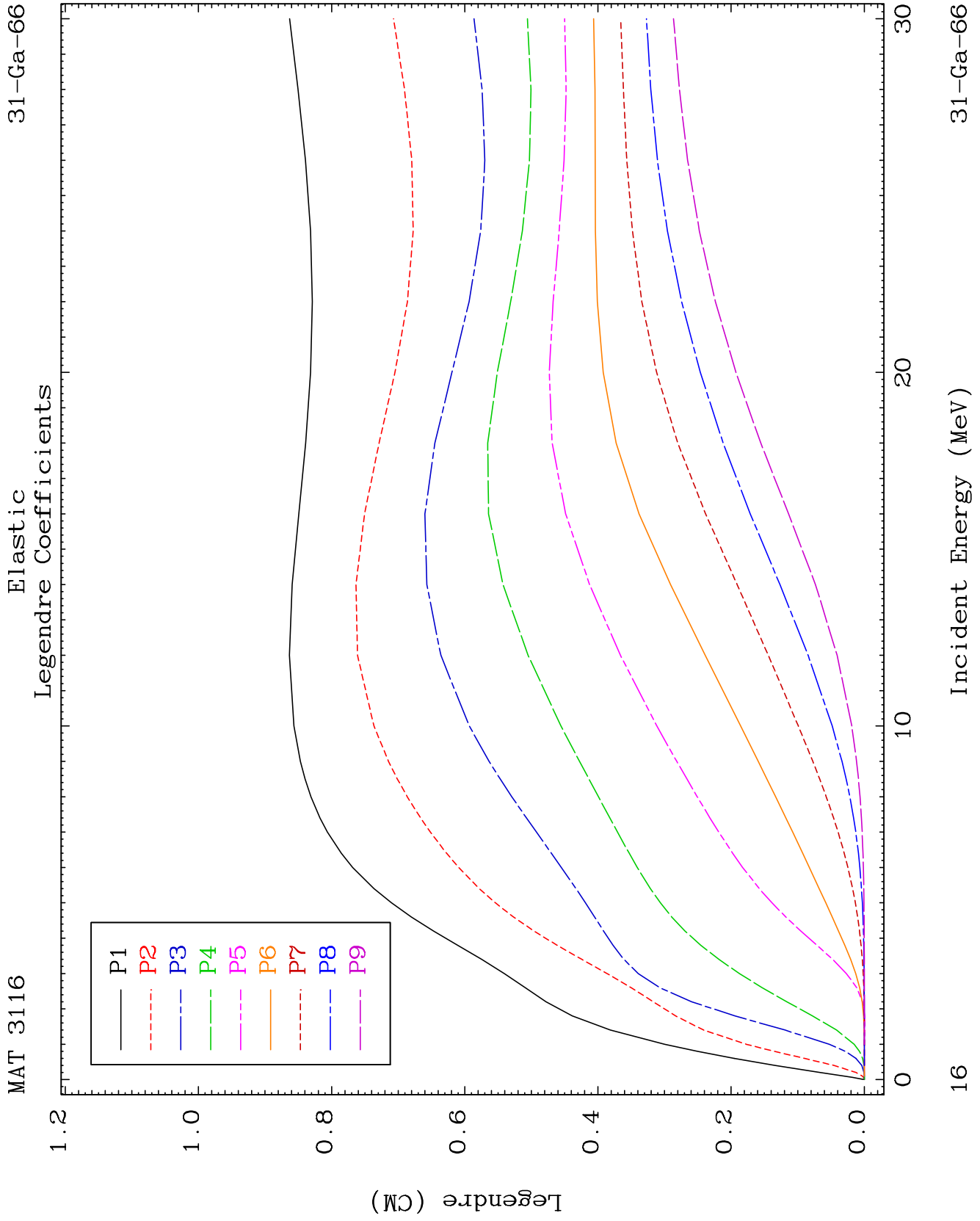


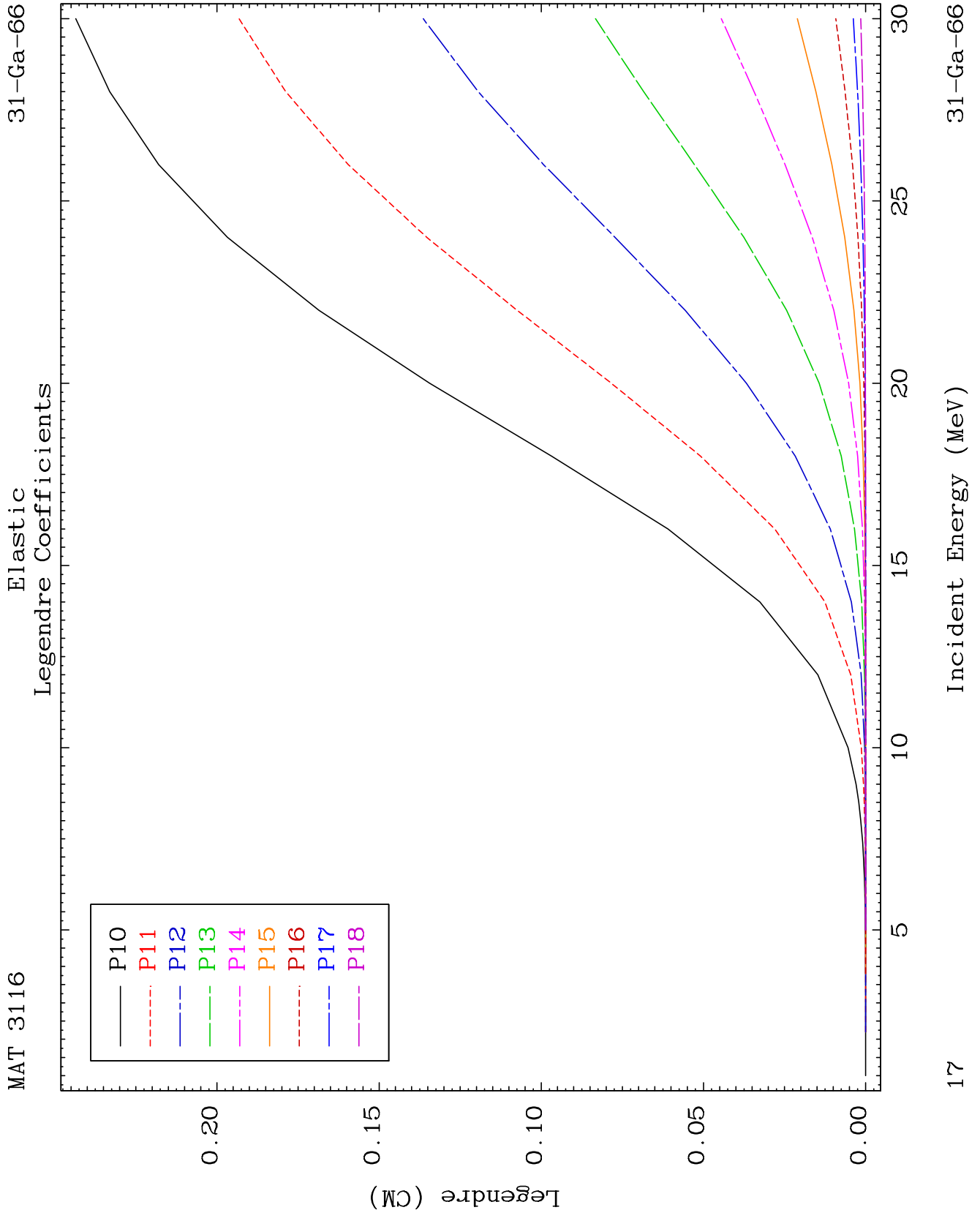
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Incident Energy (MeV)

31-Ga-66







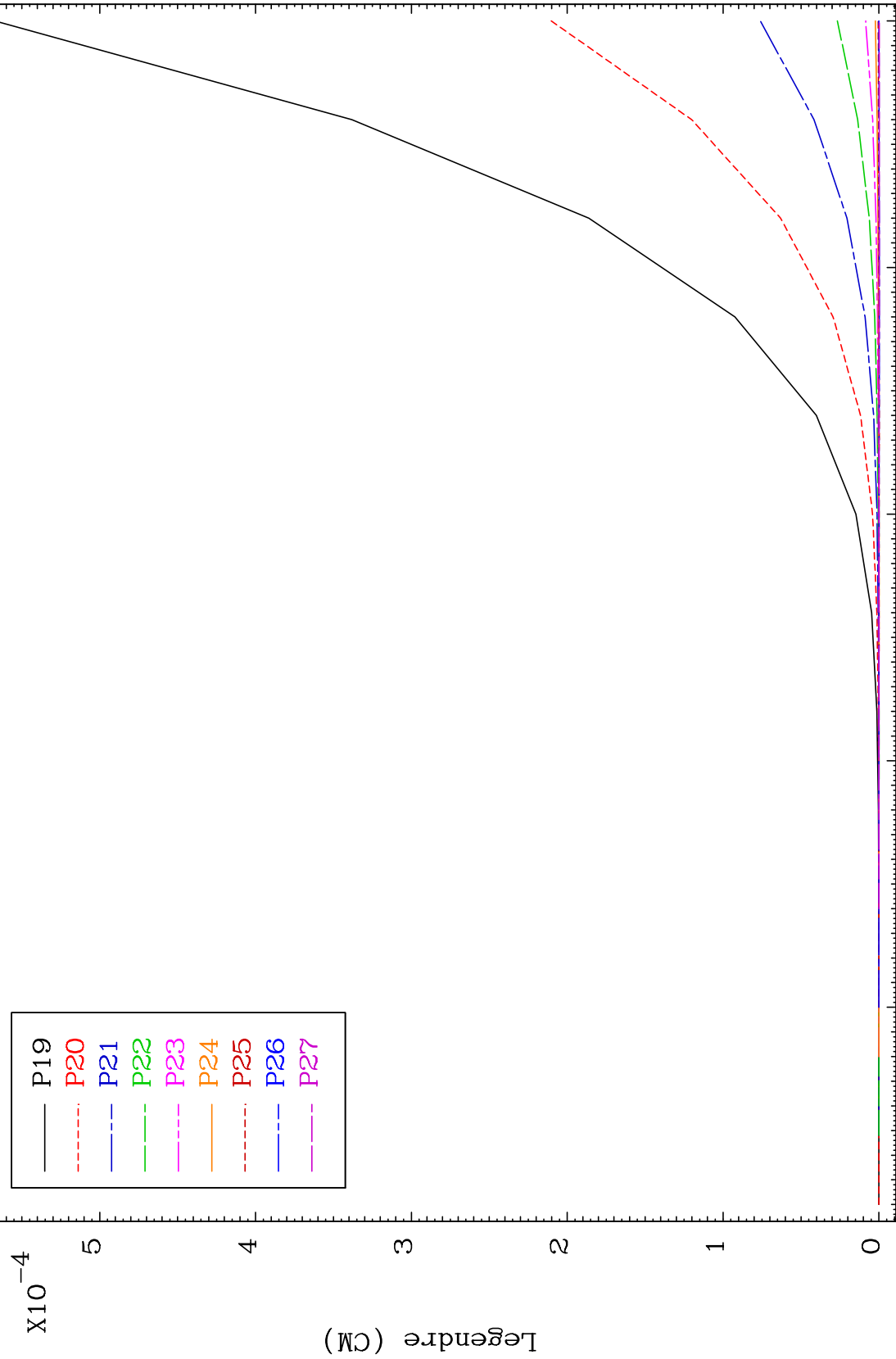
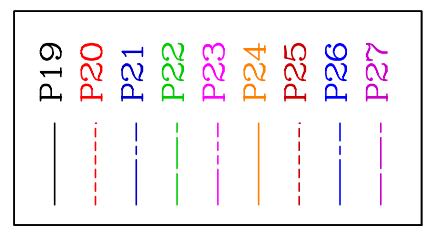
MAT 3116

17

MAT 3116

Elastic Legendre Coefficients

31-Ga-66



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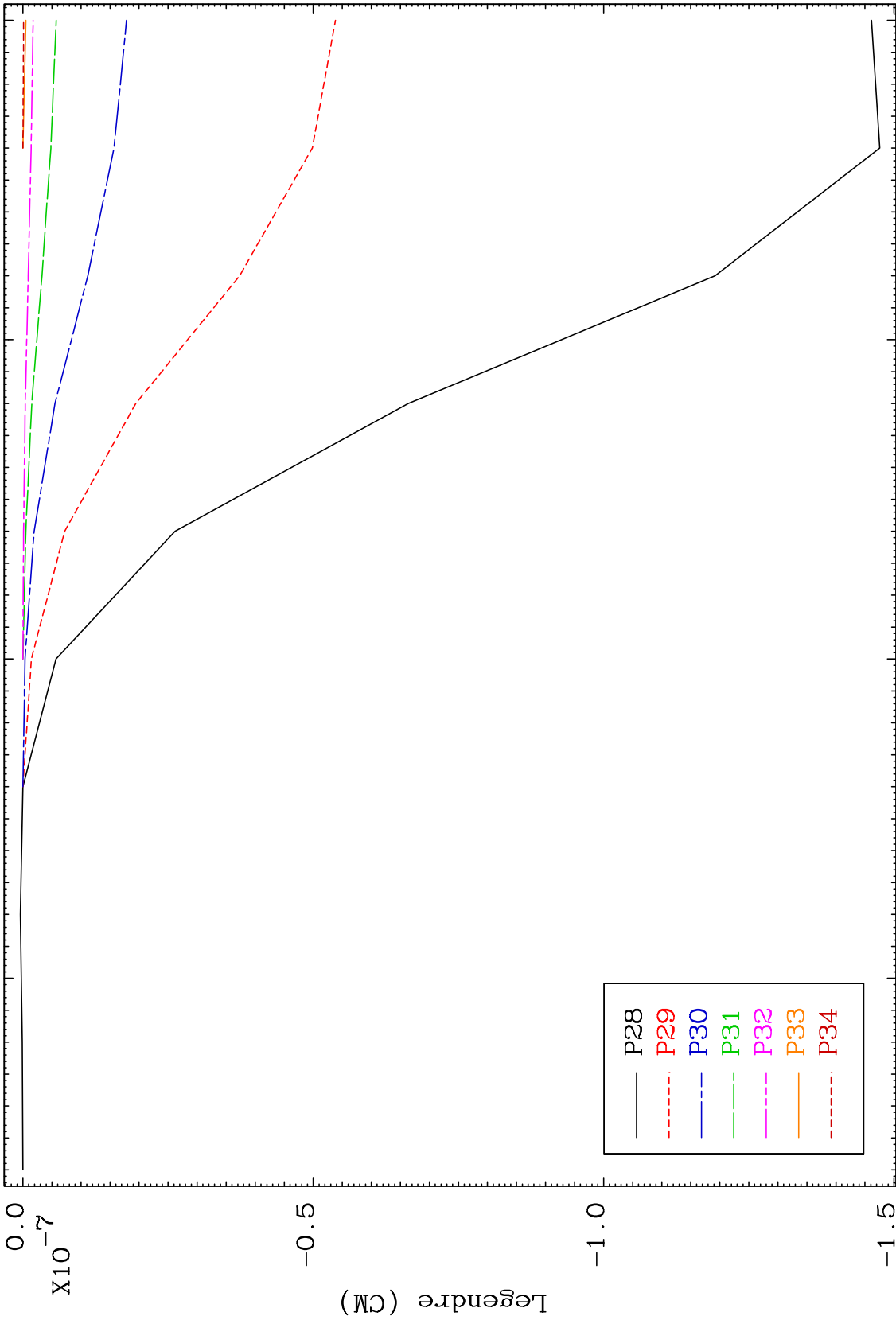
Incident Energy (MeV)

31-Ga-66

MAT 3116

31-Ga-66

Elastic Legendre Coefficients

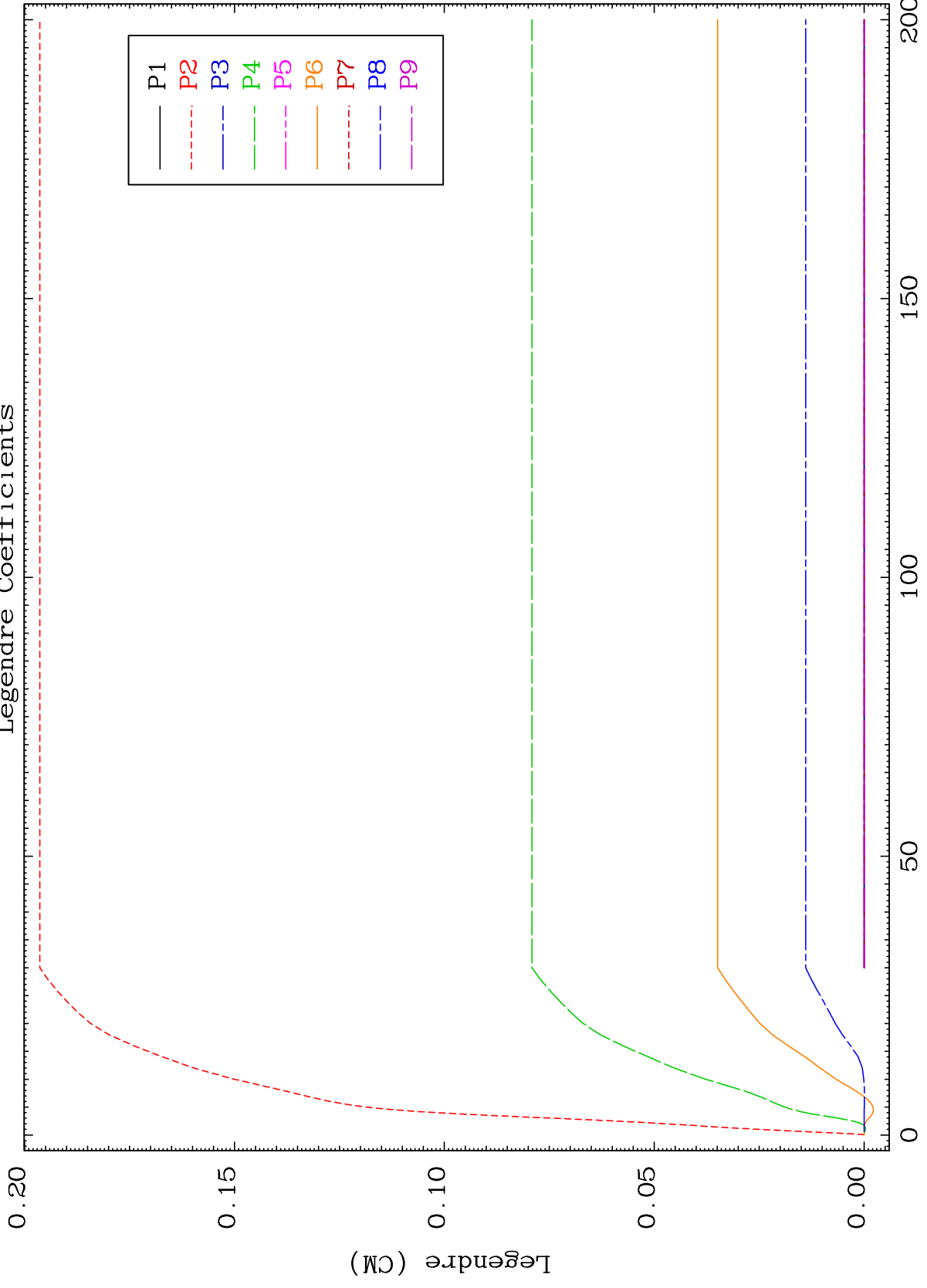


19

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-66

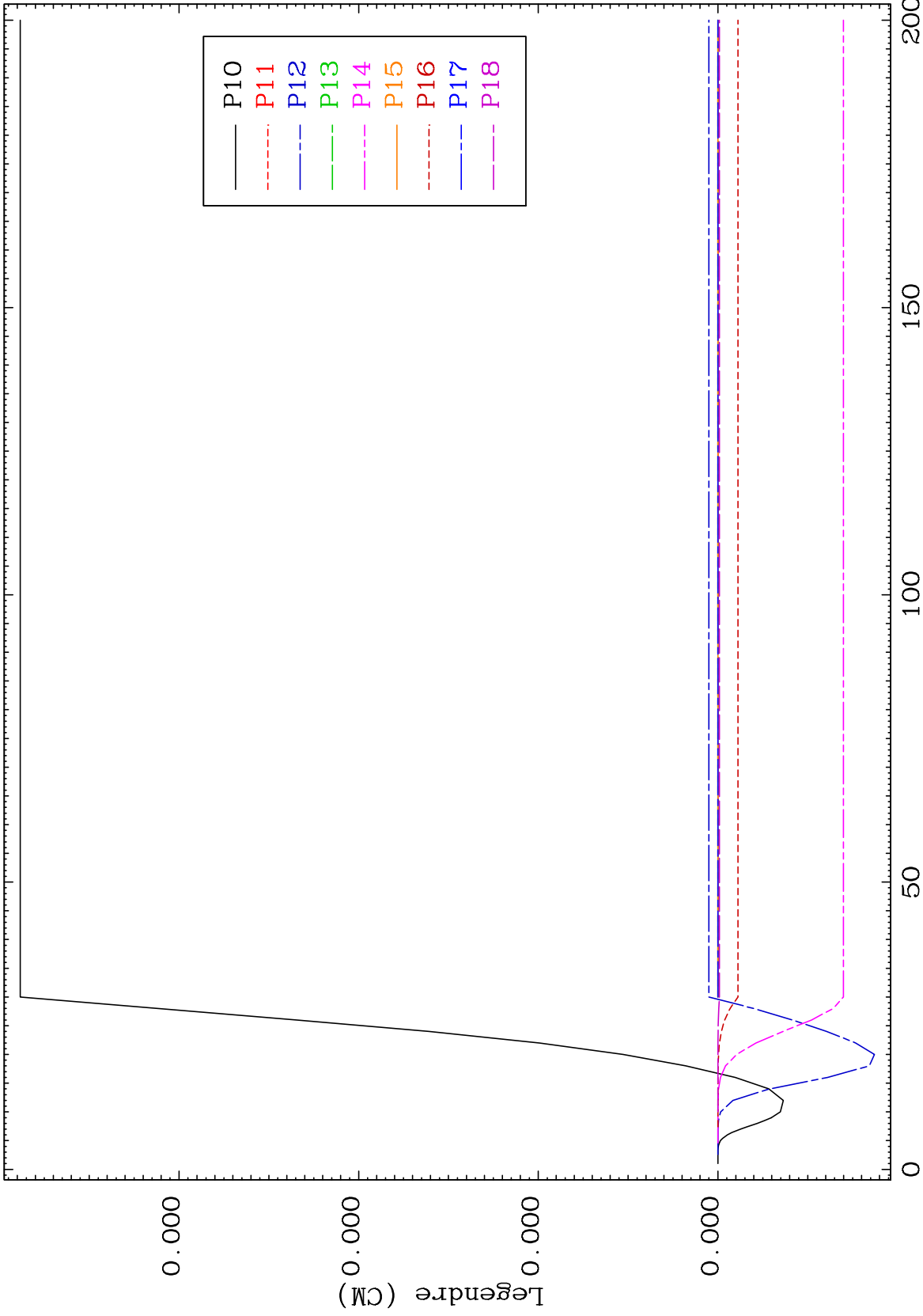


Legendre (CM) Incident Energy (MeV) 31-Ga-66

MAT 3116

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

31-Ga-66



21

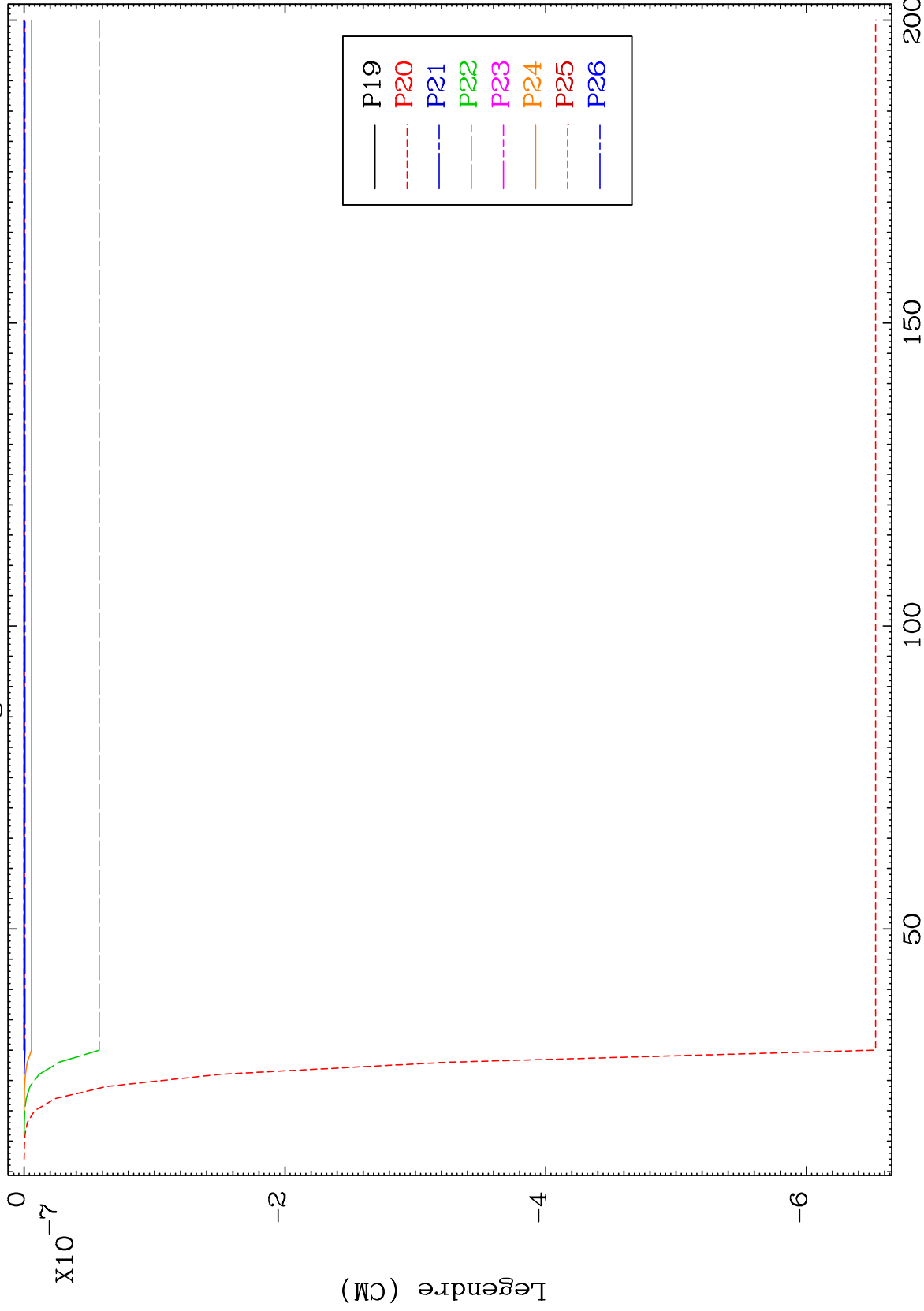
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



31-Ga-66

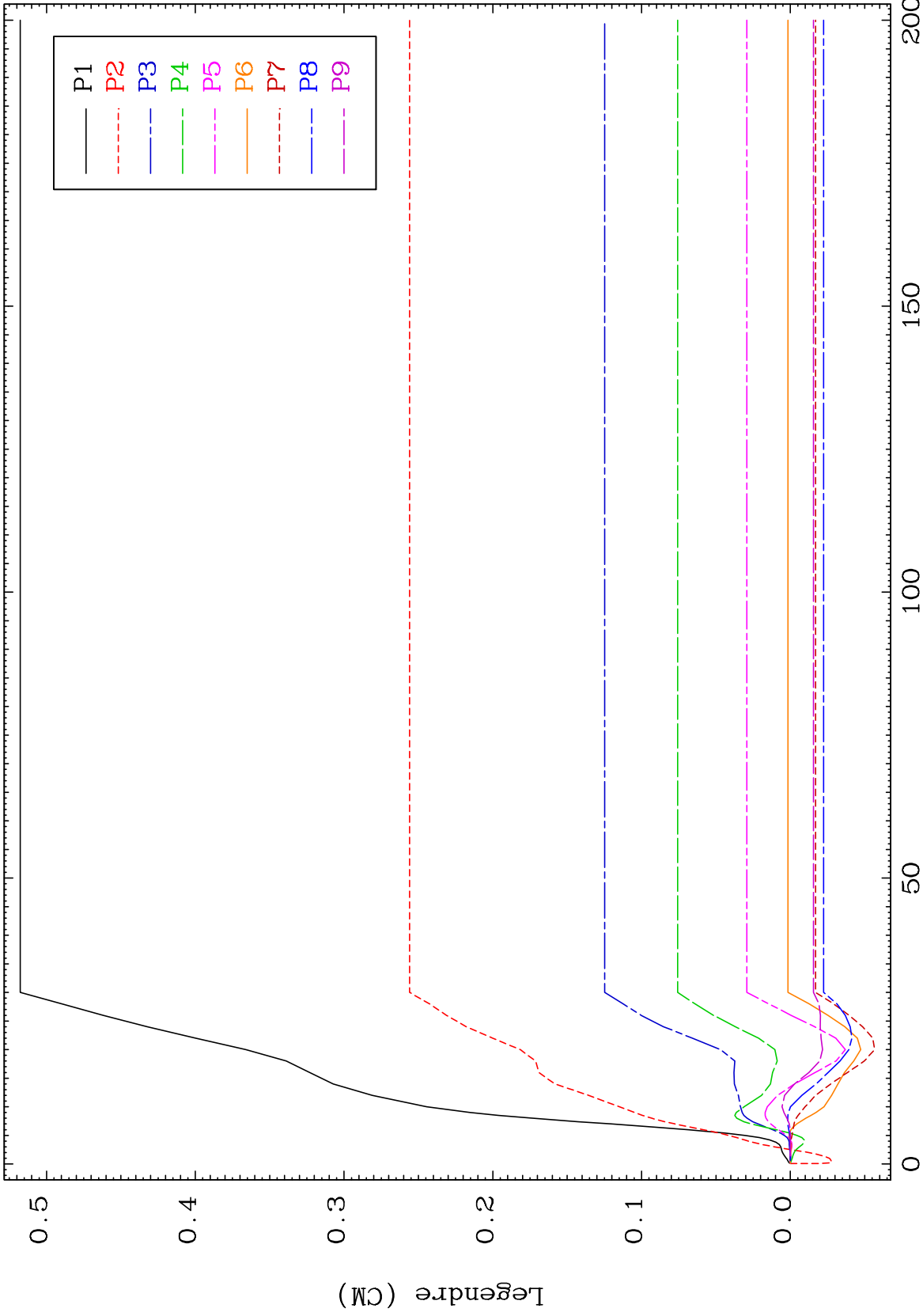
Incident Energy (MeV)

22

MAT 3116

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

31-Ga-66



23

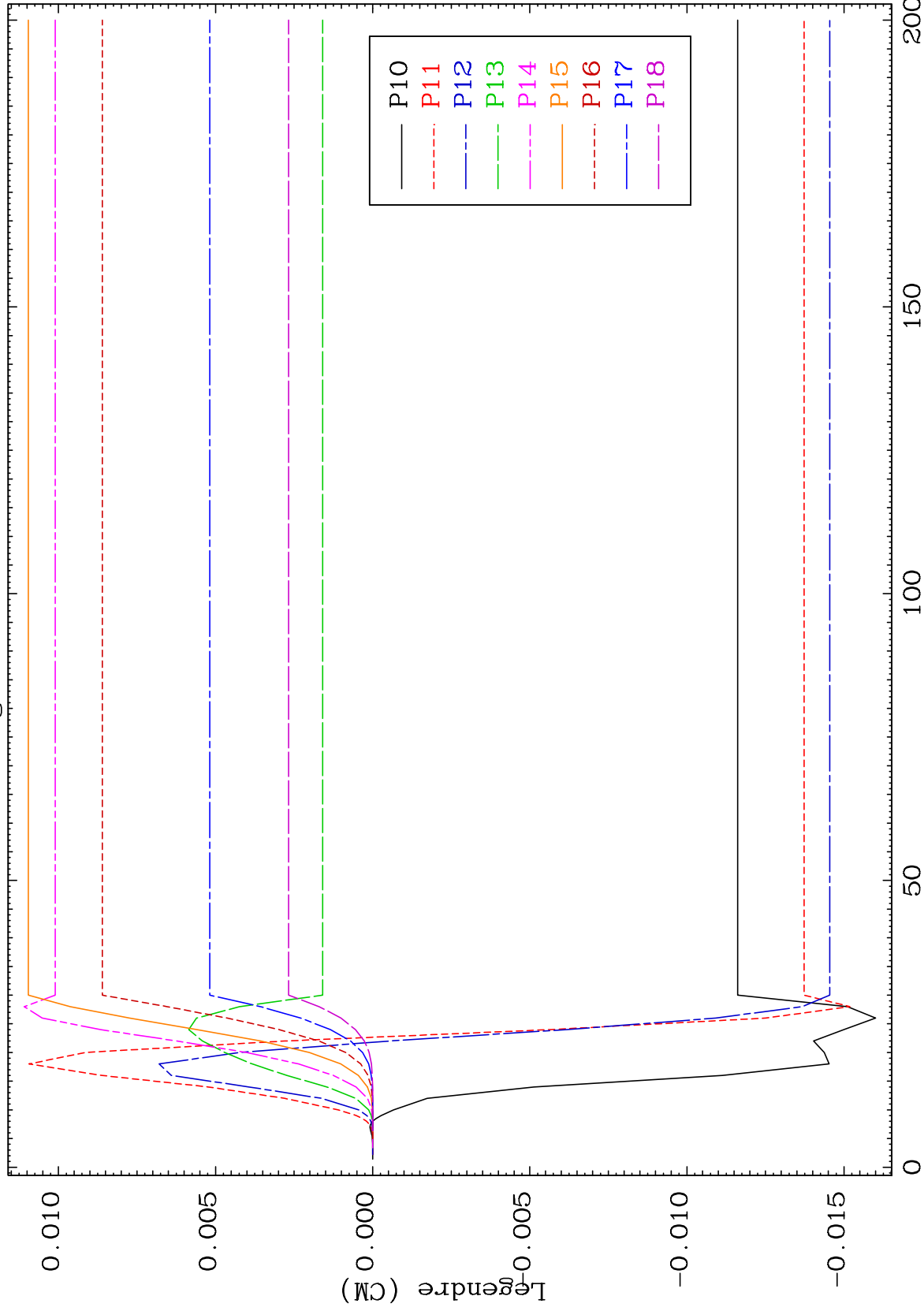
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



24

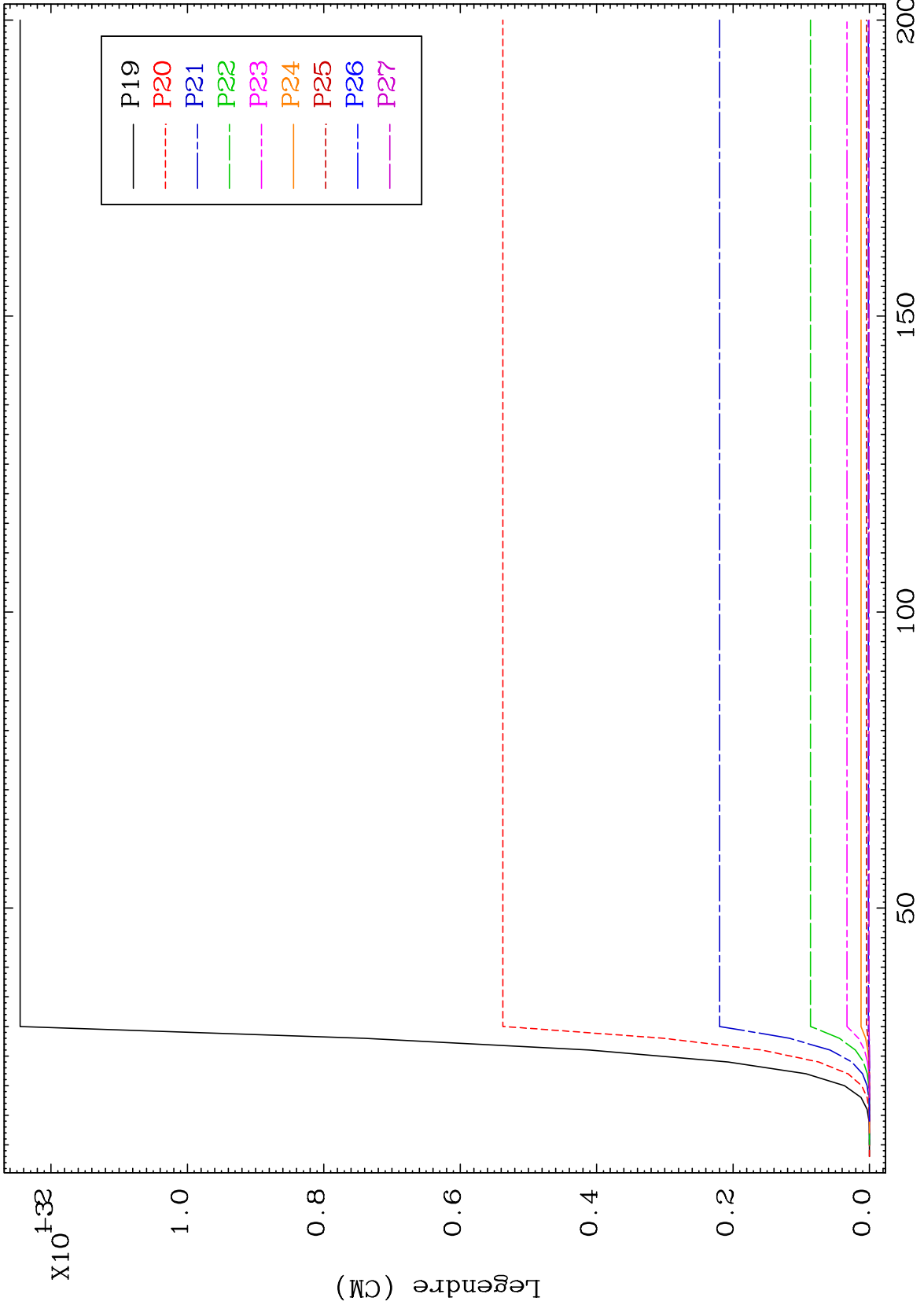
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



25

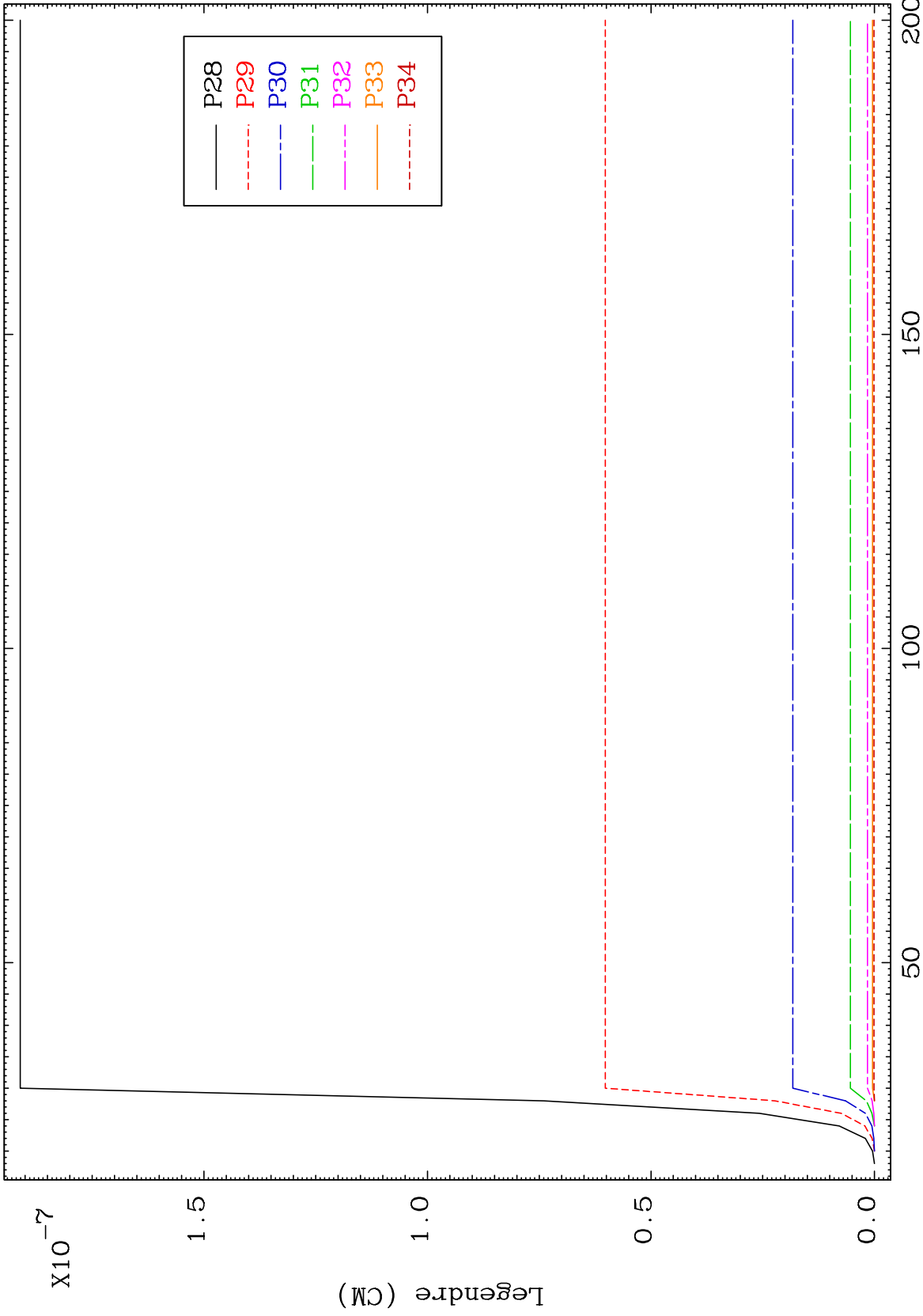
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

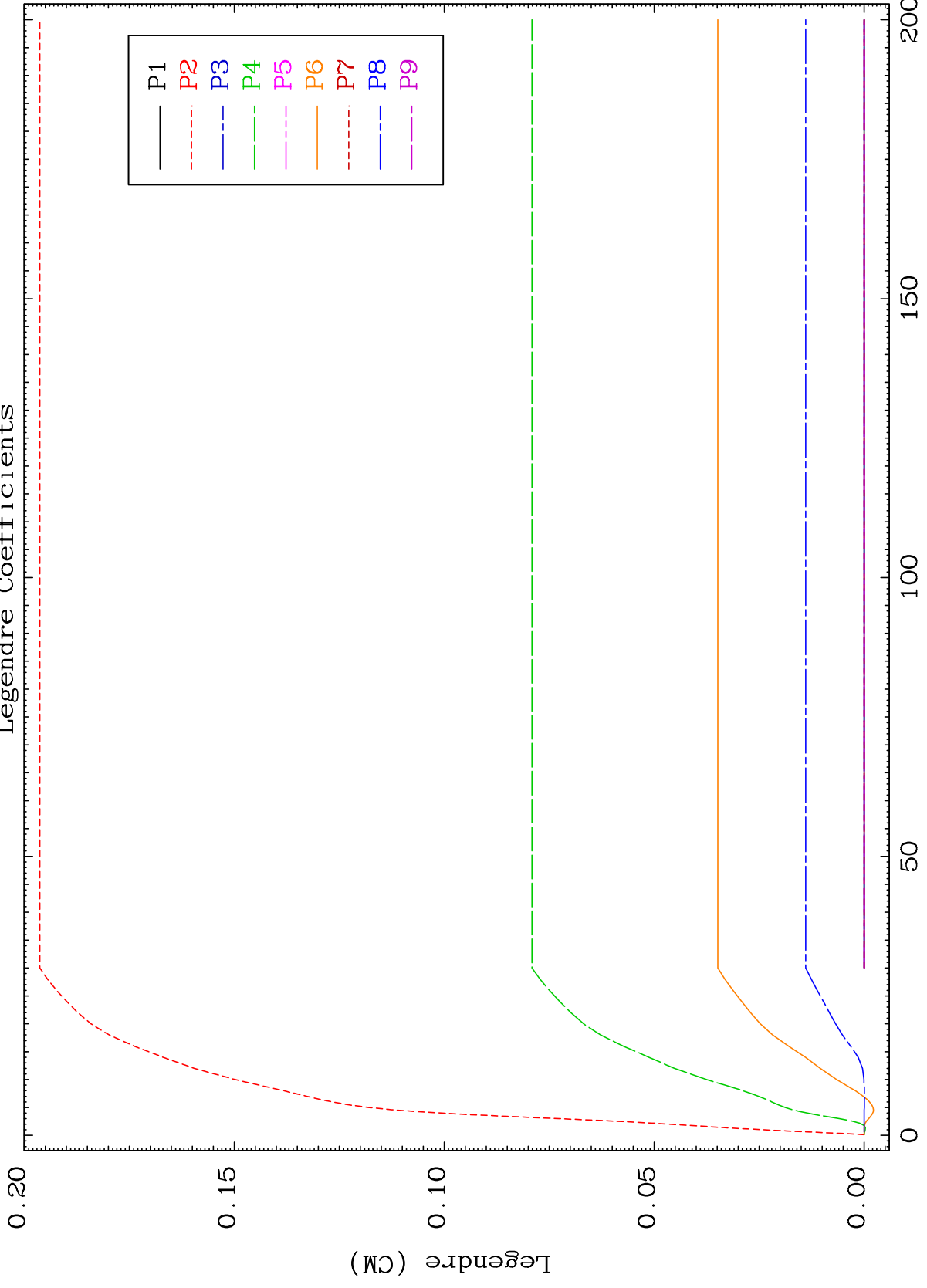


26

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 53 (n,n') Level Legendre Coefficients 31-Ga-66

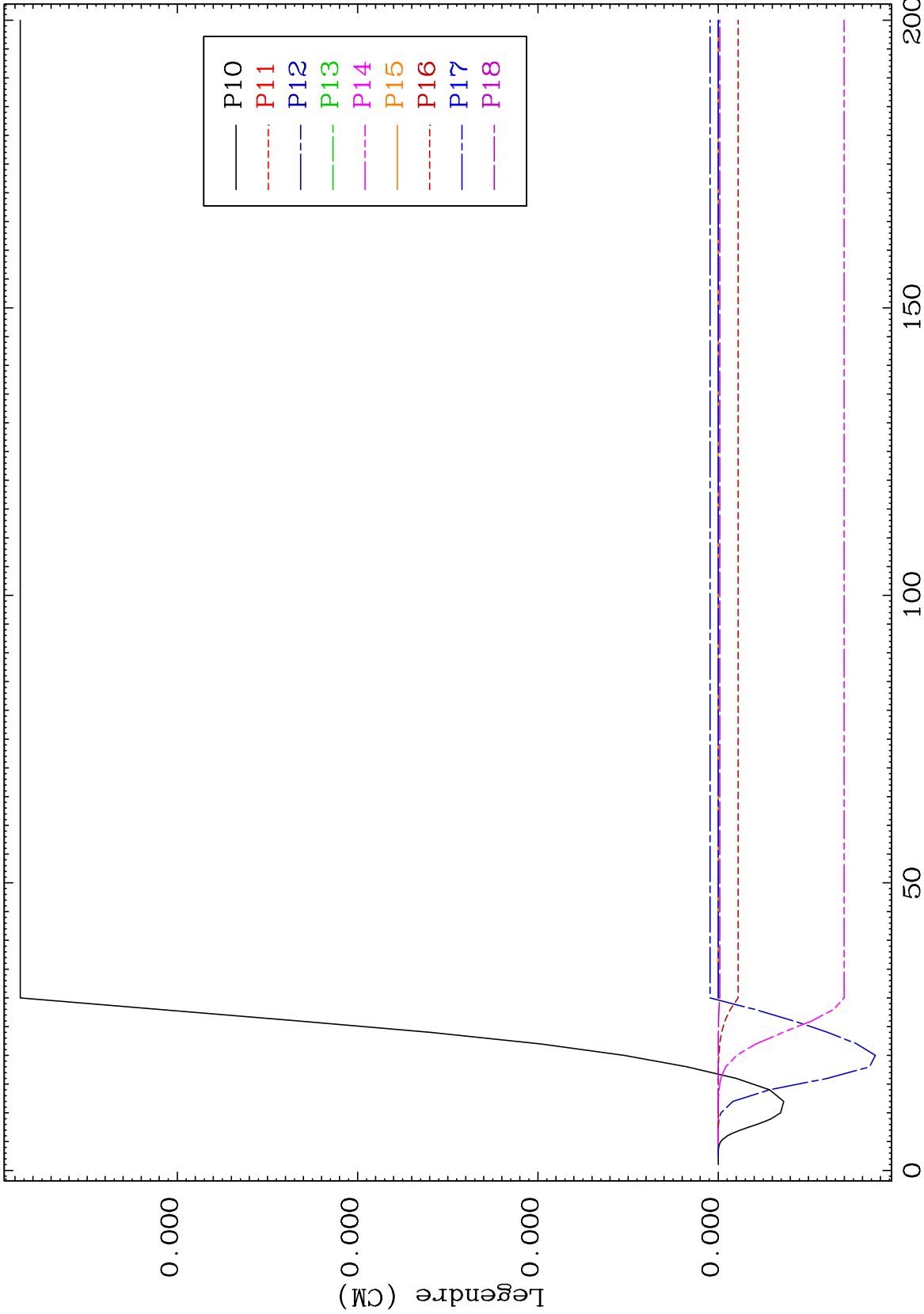


27 31-Ga-66

MAT 3116

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

31-Ga-66



28

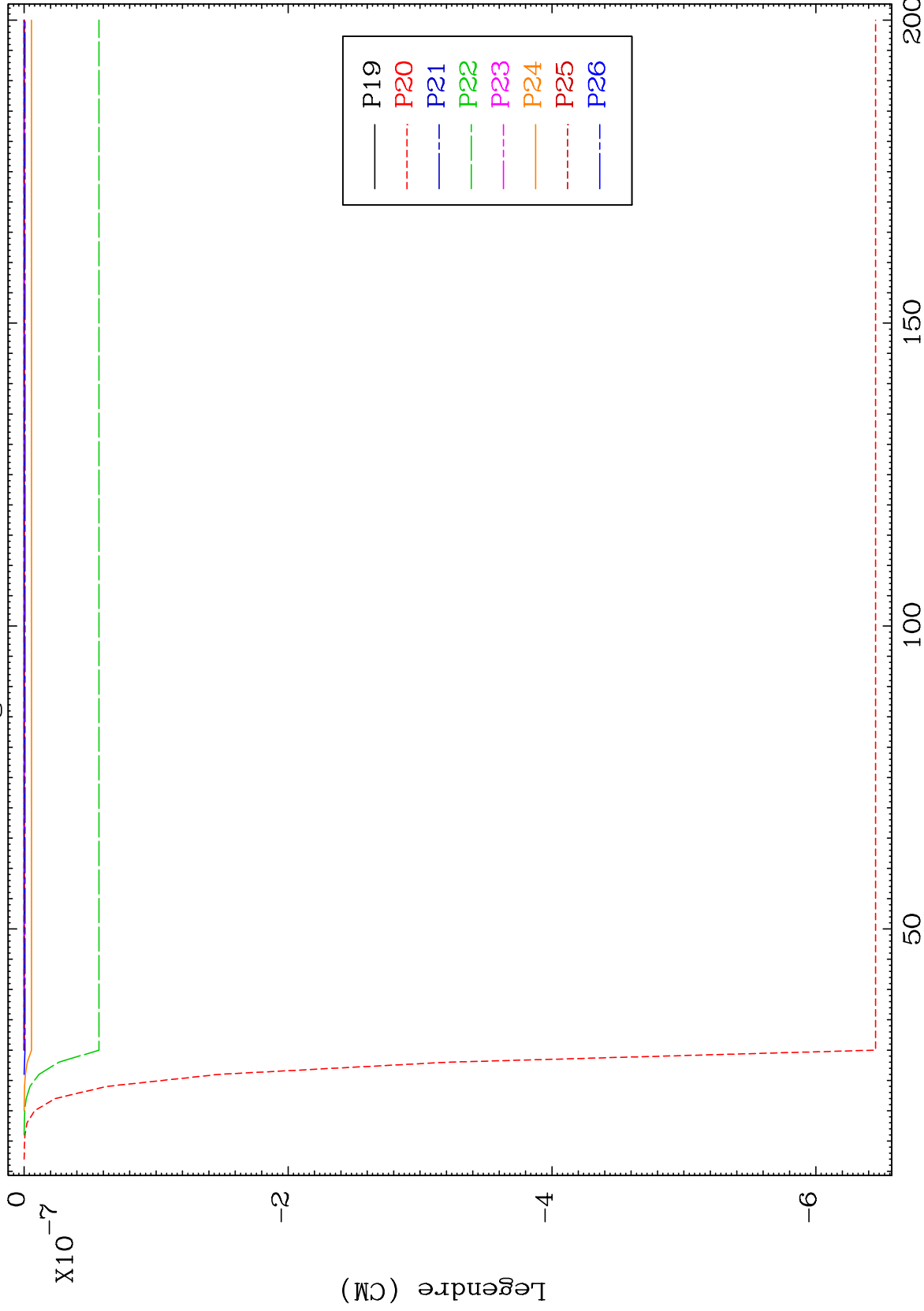
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

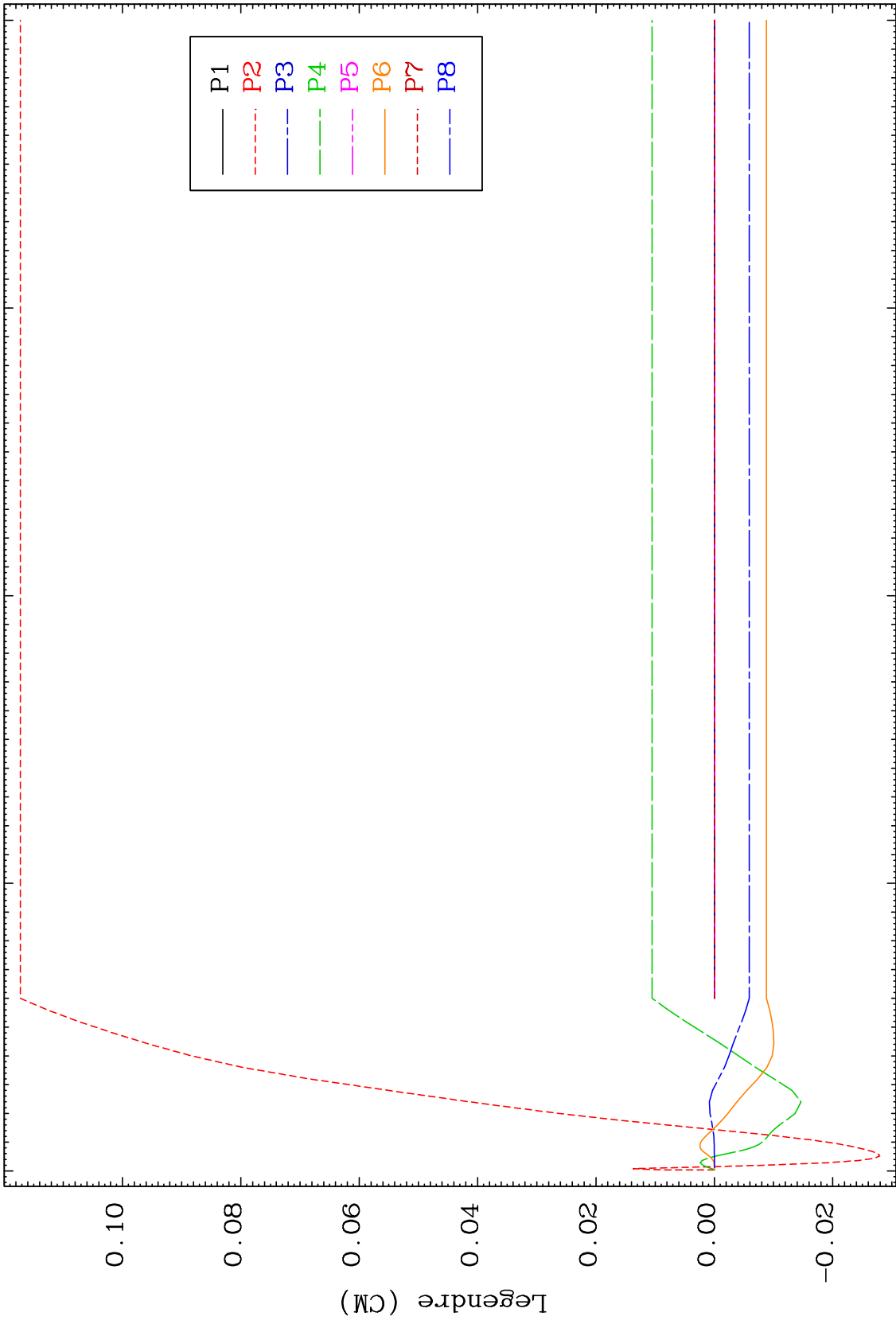


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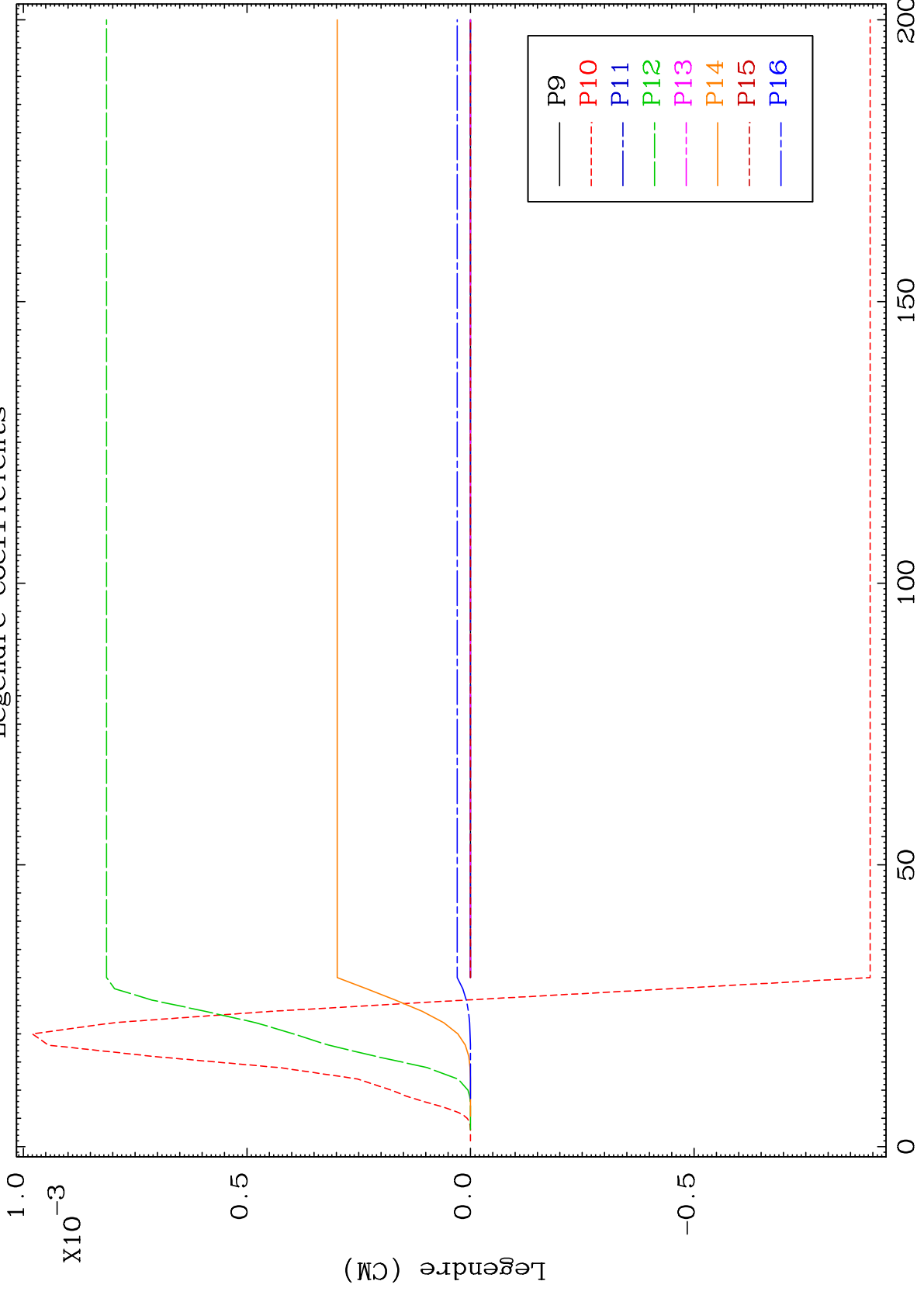
Incident Energy (MeV)

31-Ga-66

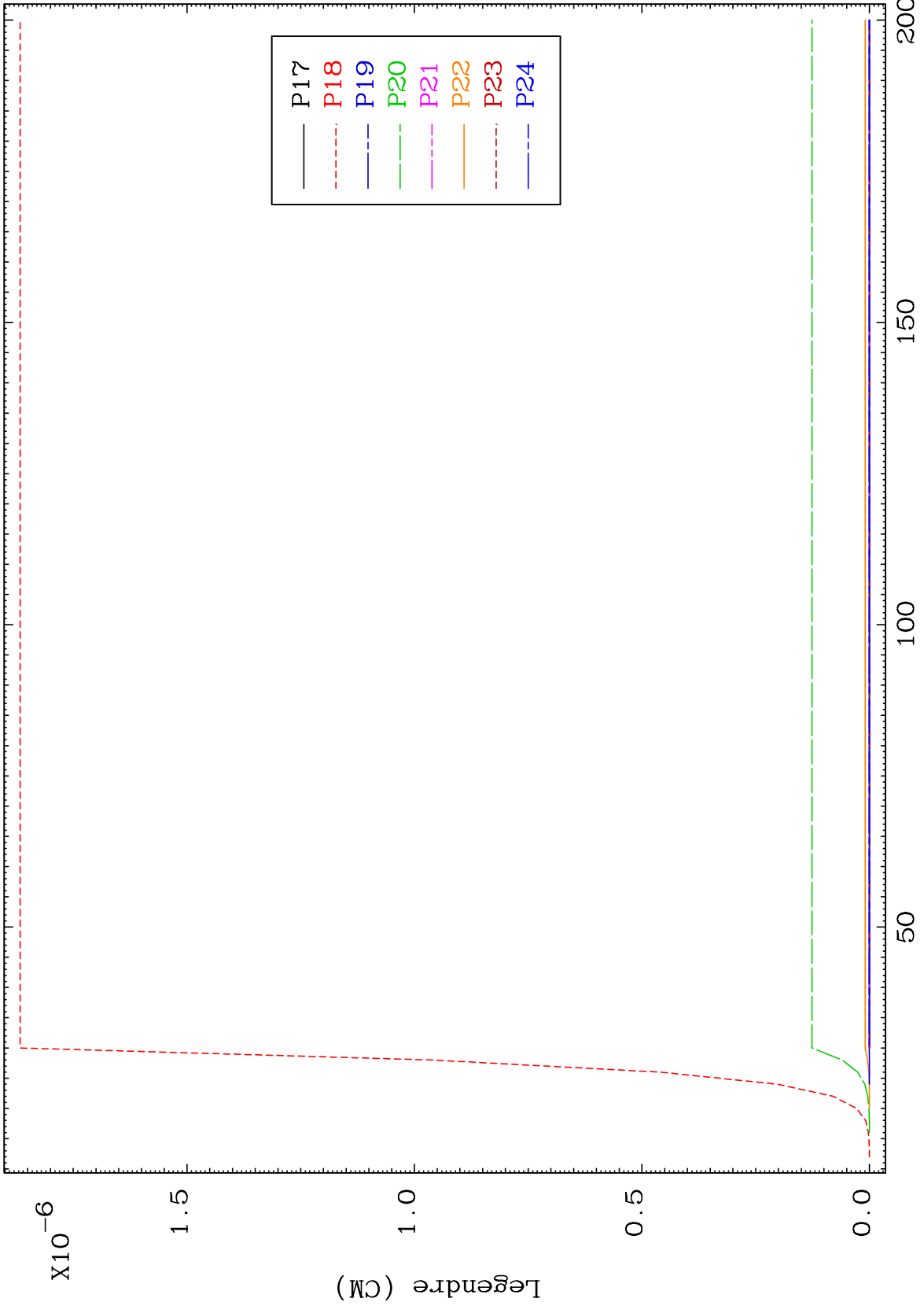
MAT 3116 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-66



31-Ga-66



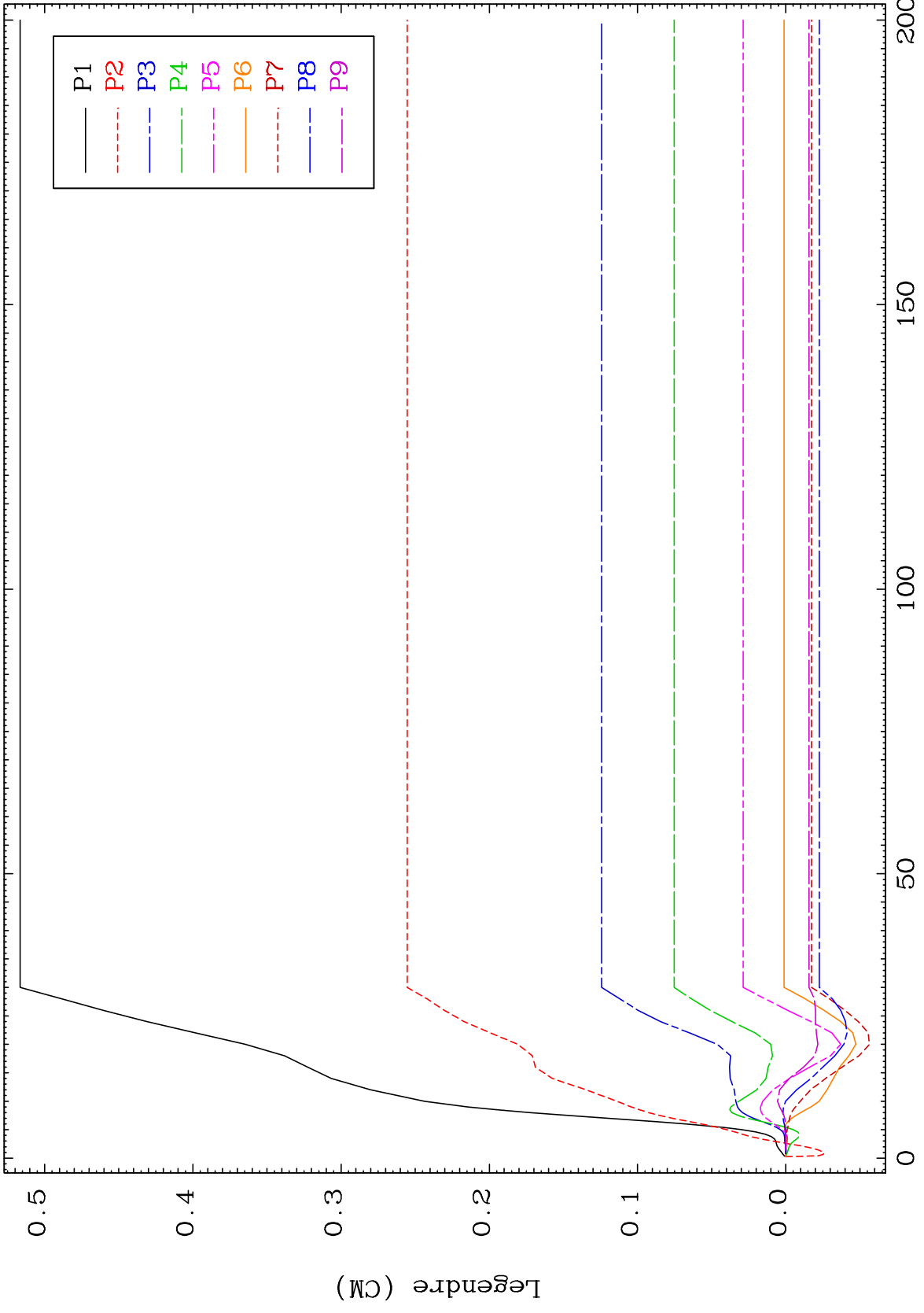
MAT 3116 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-66



MAT 3116

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

31-Ga-66



33

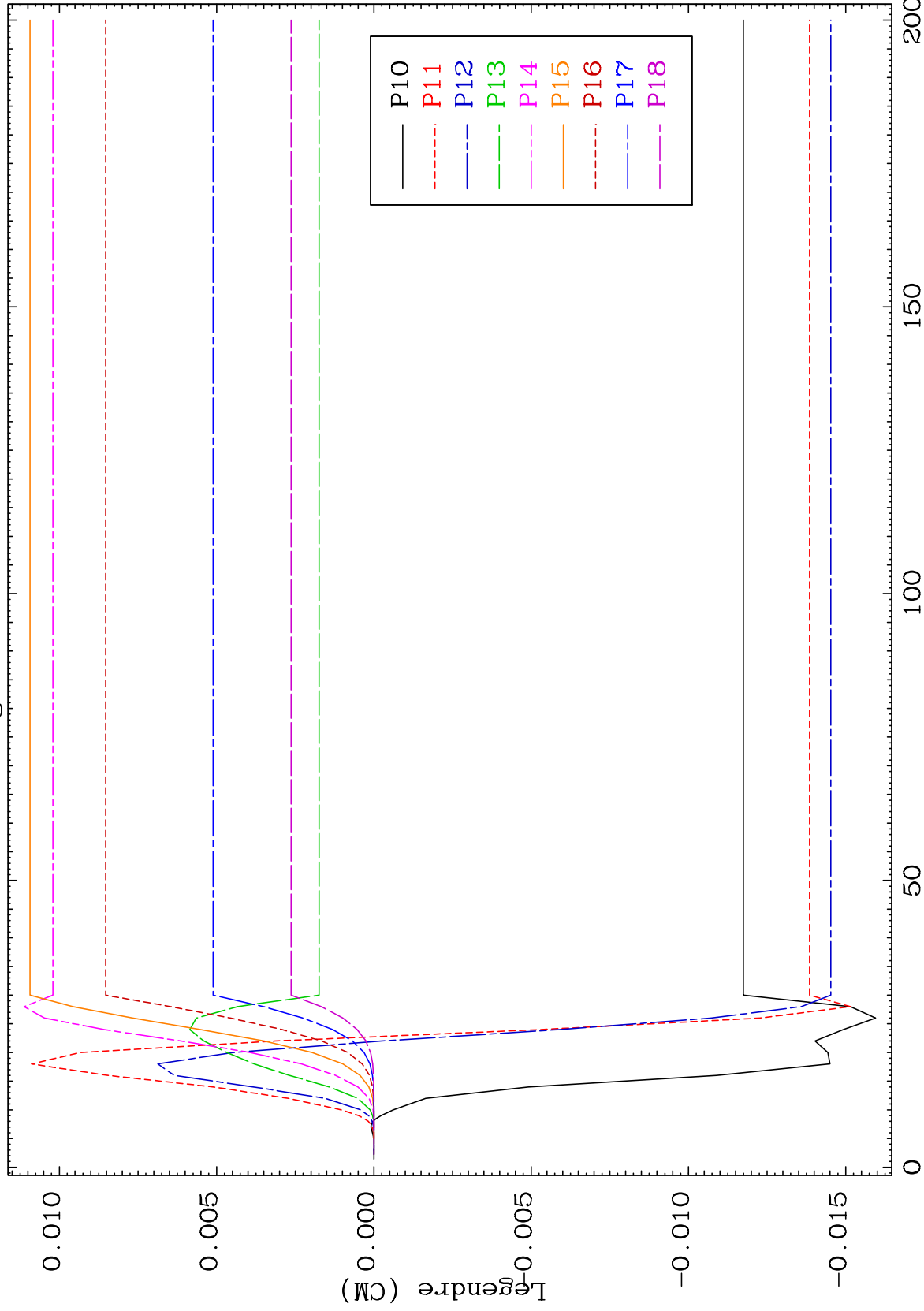
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



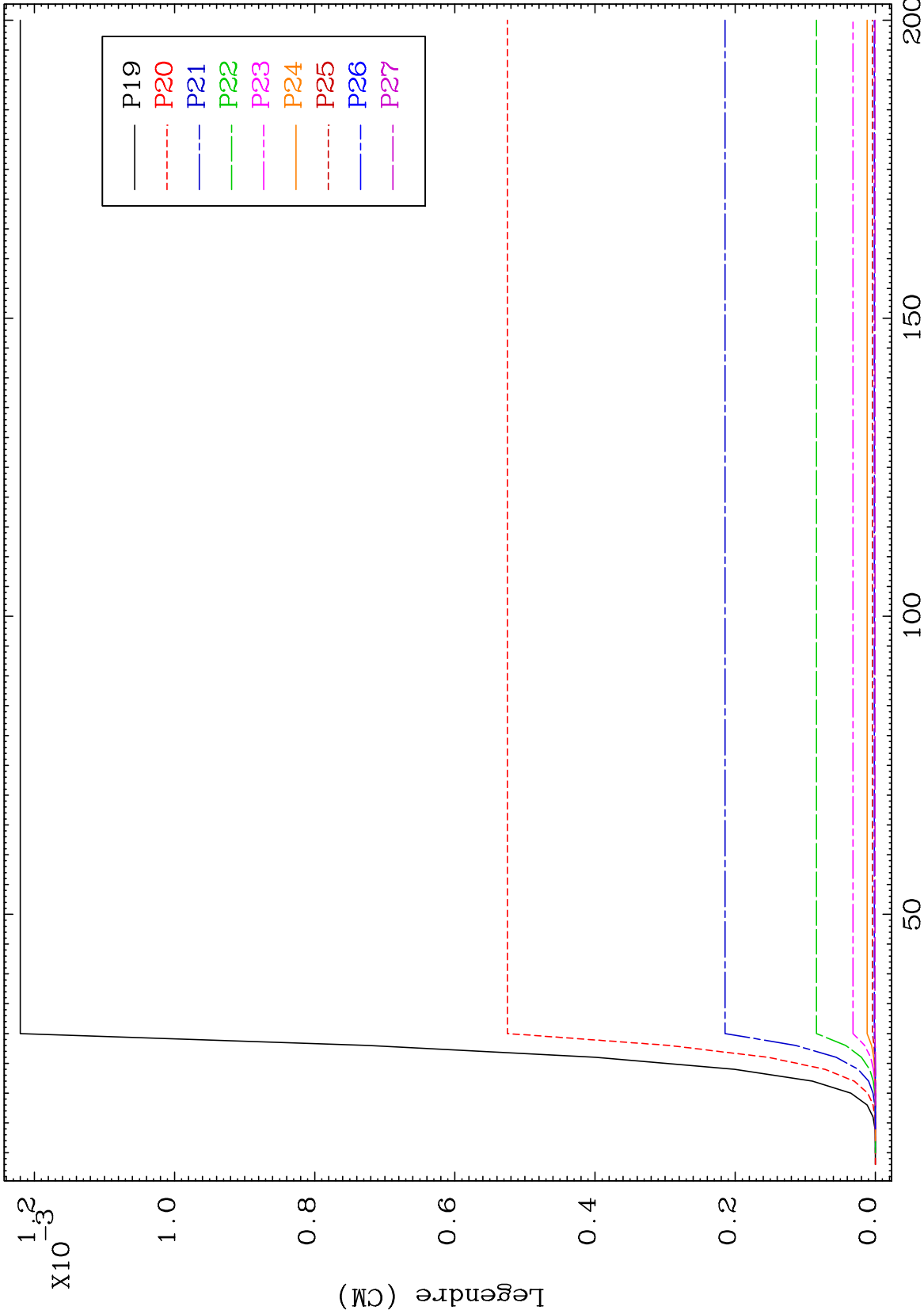
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31-Ga-66

MAT 3116

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

31-Ga-66



35

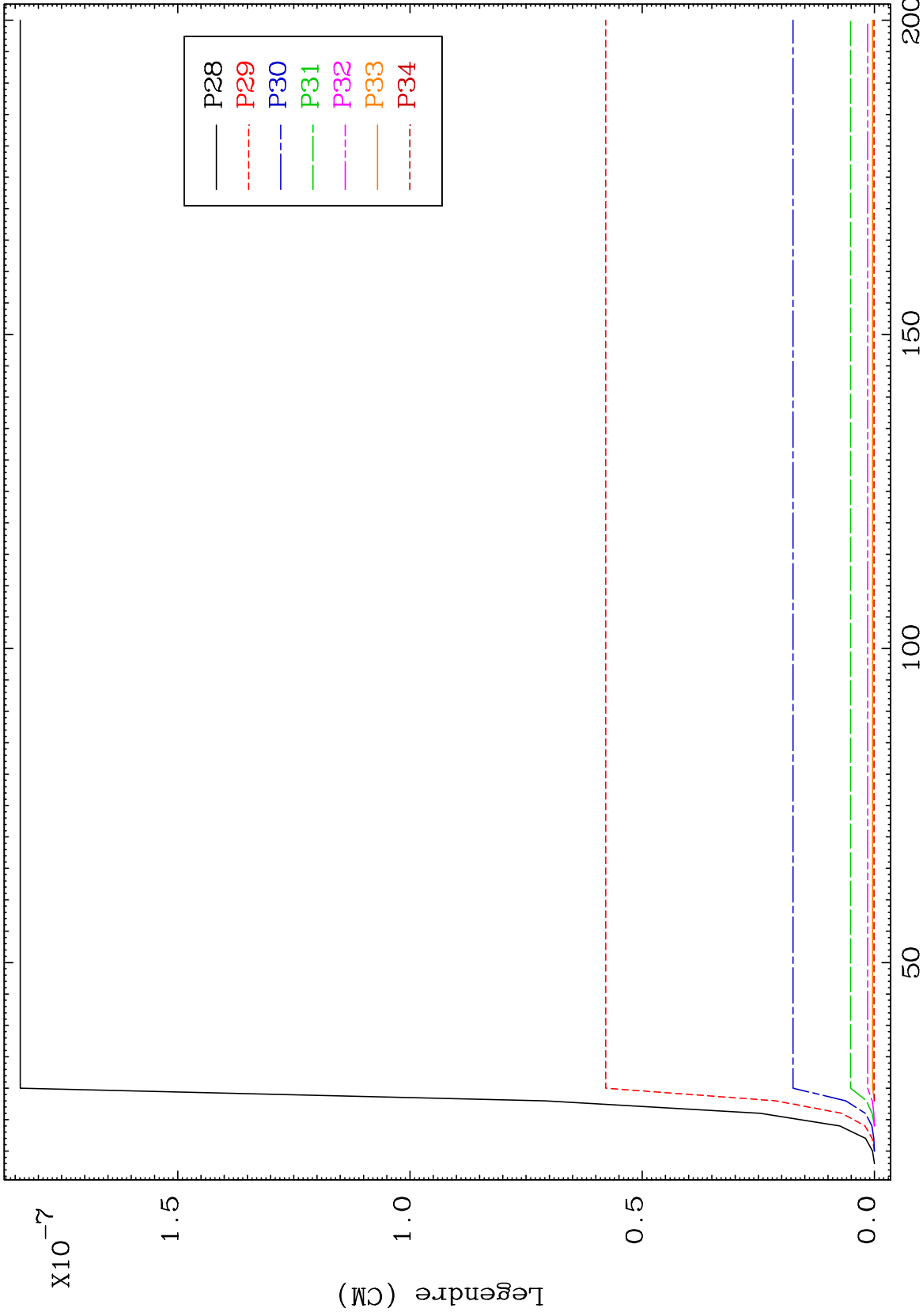
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

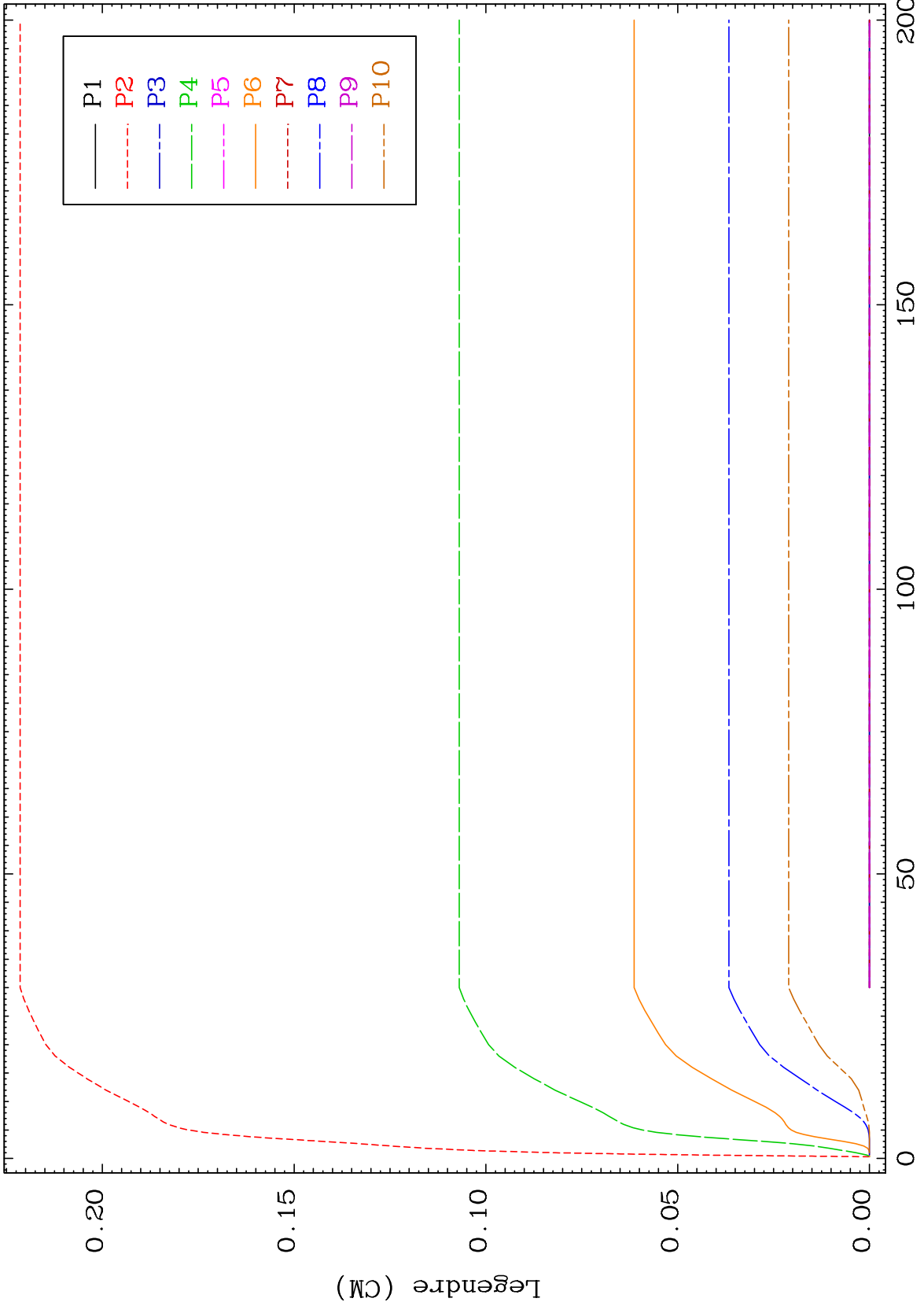


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Incident Energy (MeV)

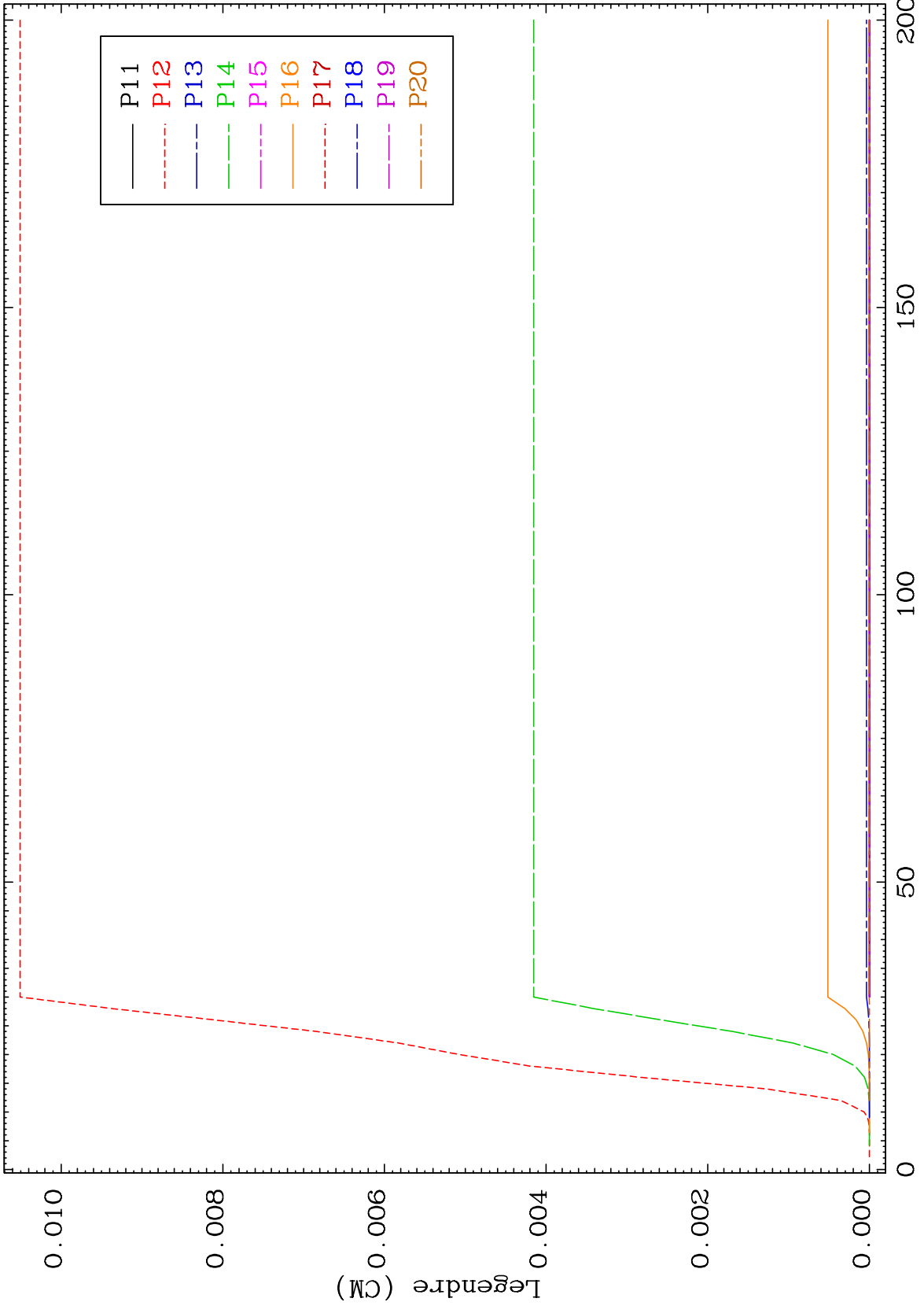
31-Ga-66

MAT 3116 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-66



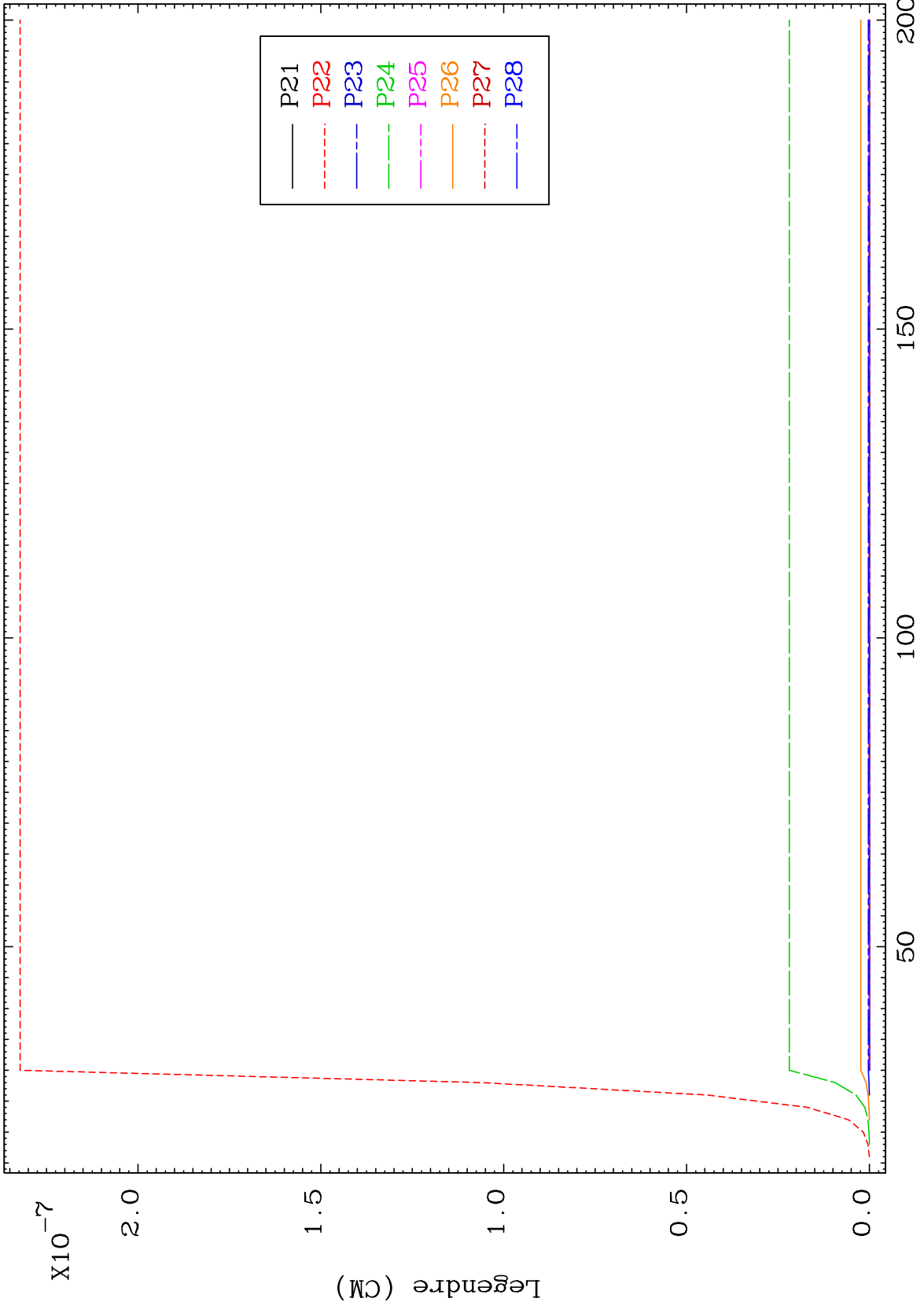
37 Incident Energy (MeV) 31-Ga-66

MAT 3116 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-66



38 31-Ga-66

MAT 3116 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-66

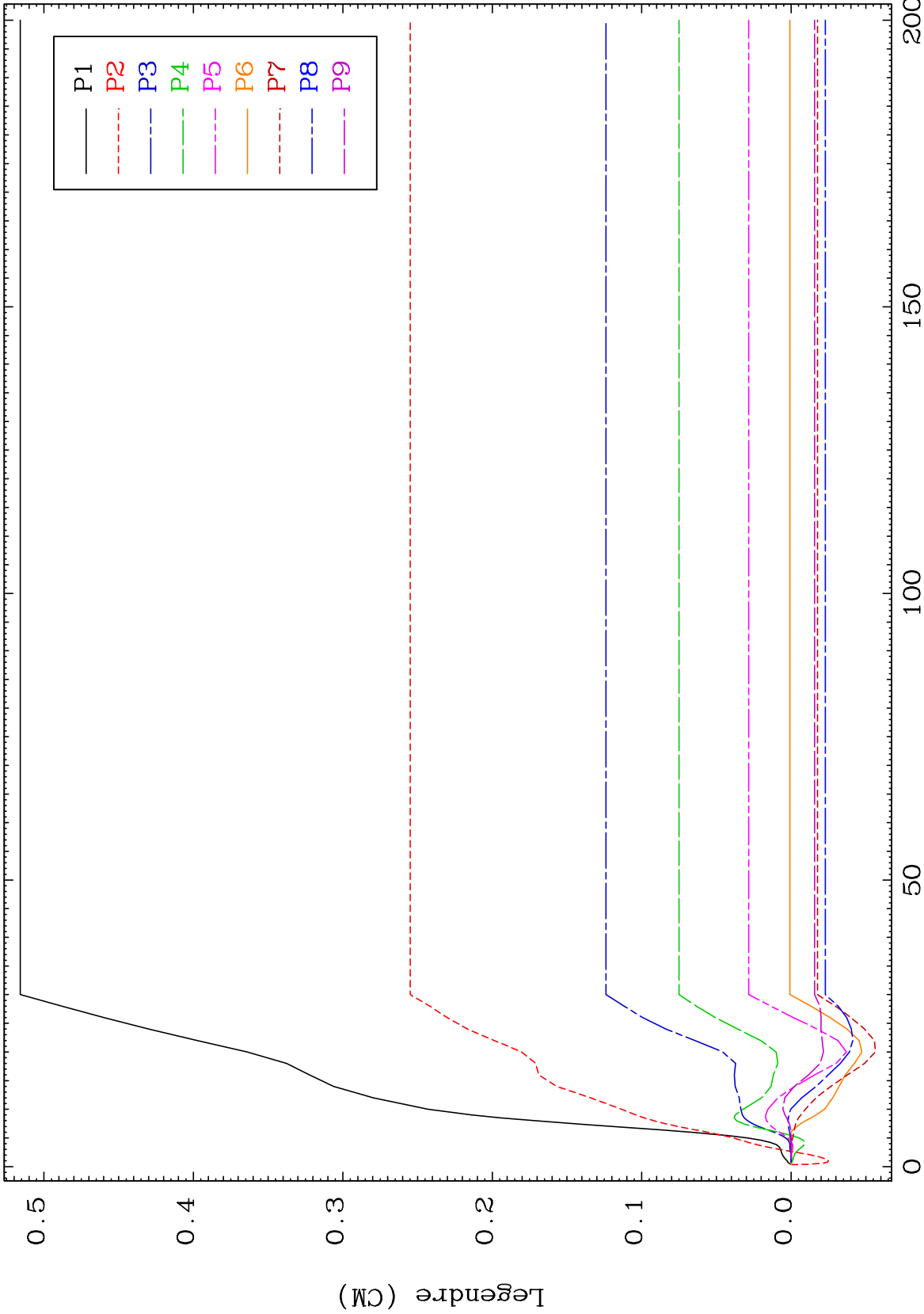


39 31-Ga-66

MAT 3116

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

31-Ga-66



0

40

50

100

150

200

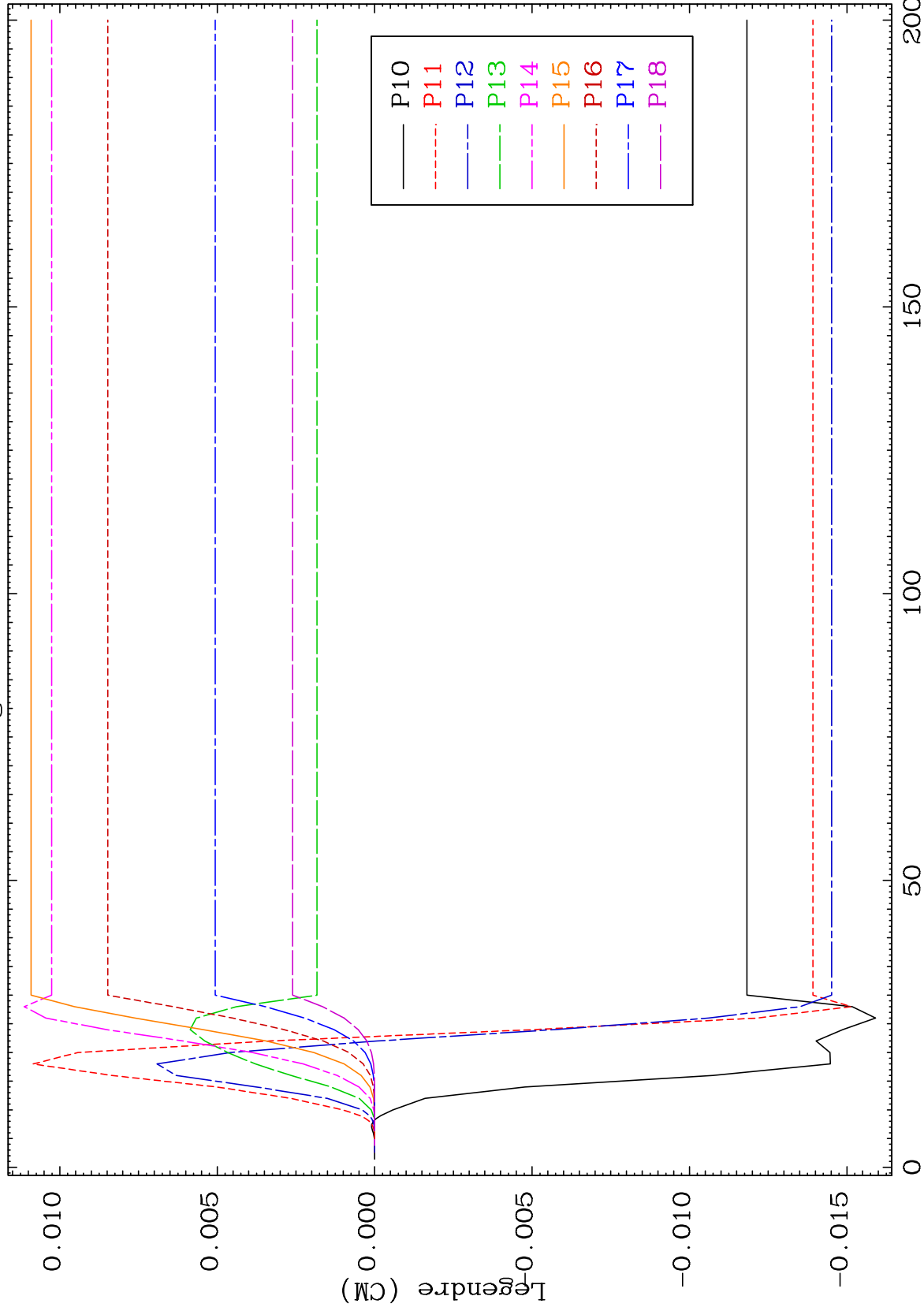
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



41

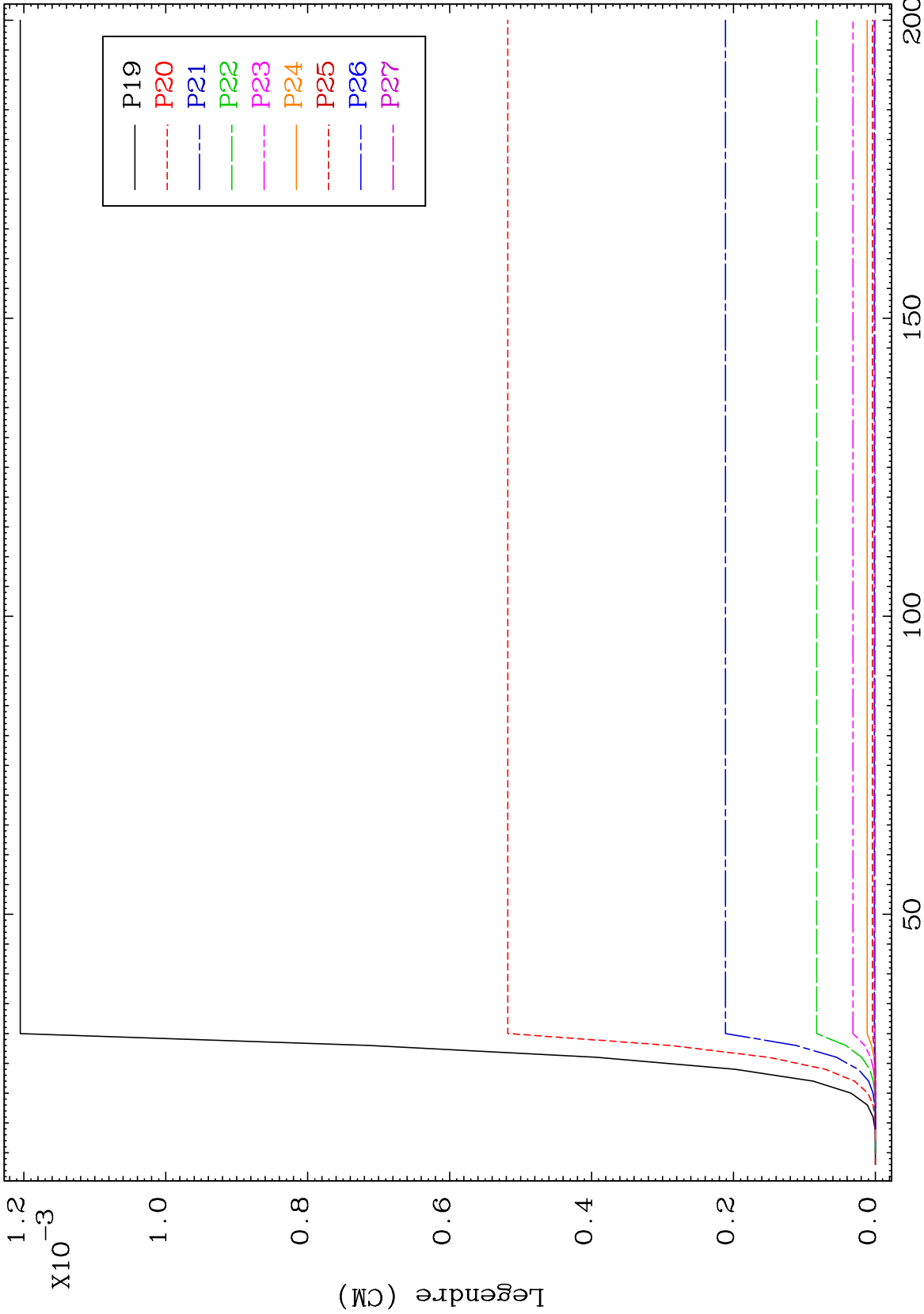
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



42

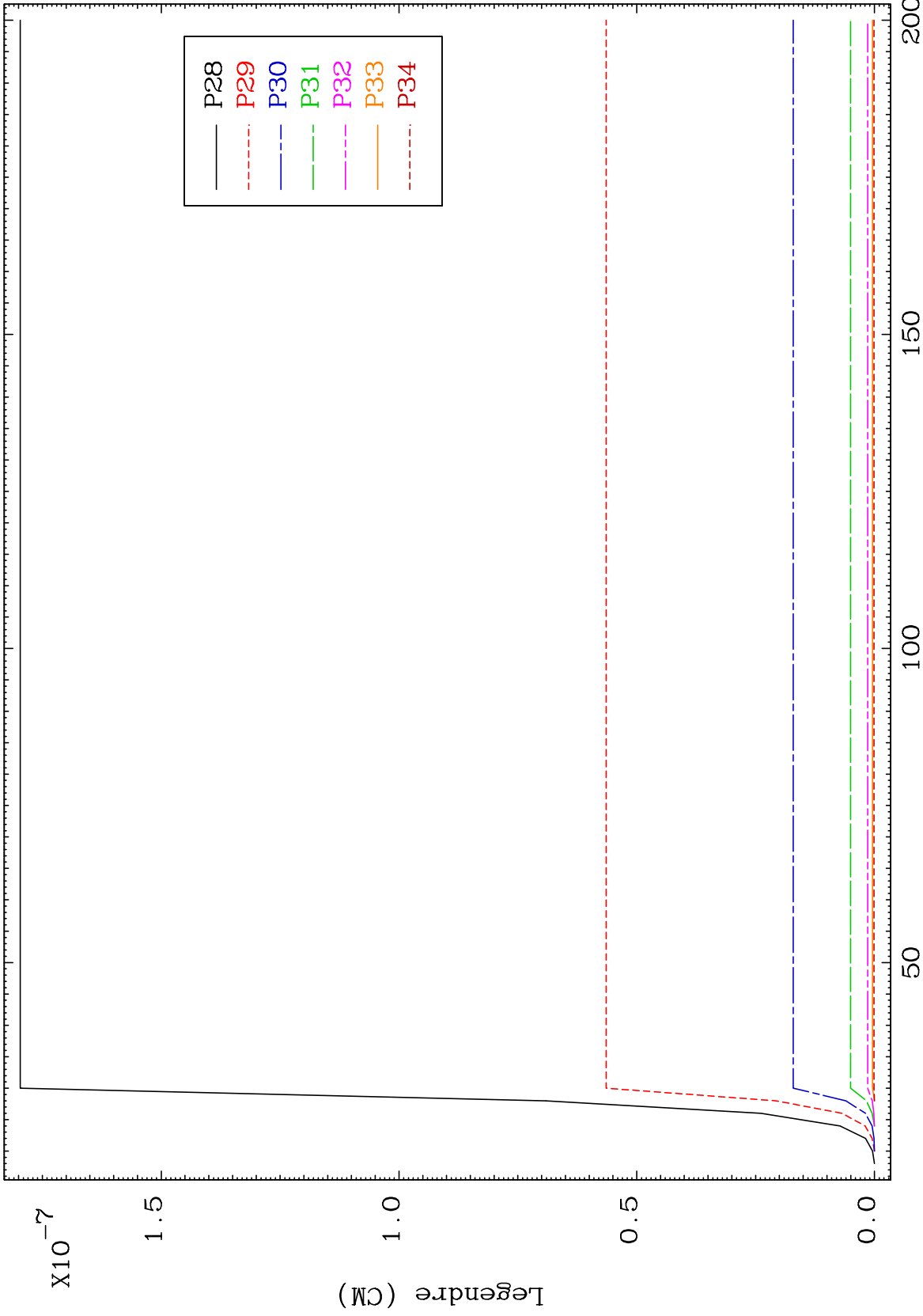
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

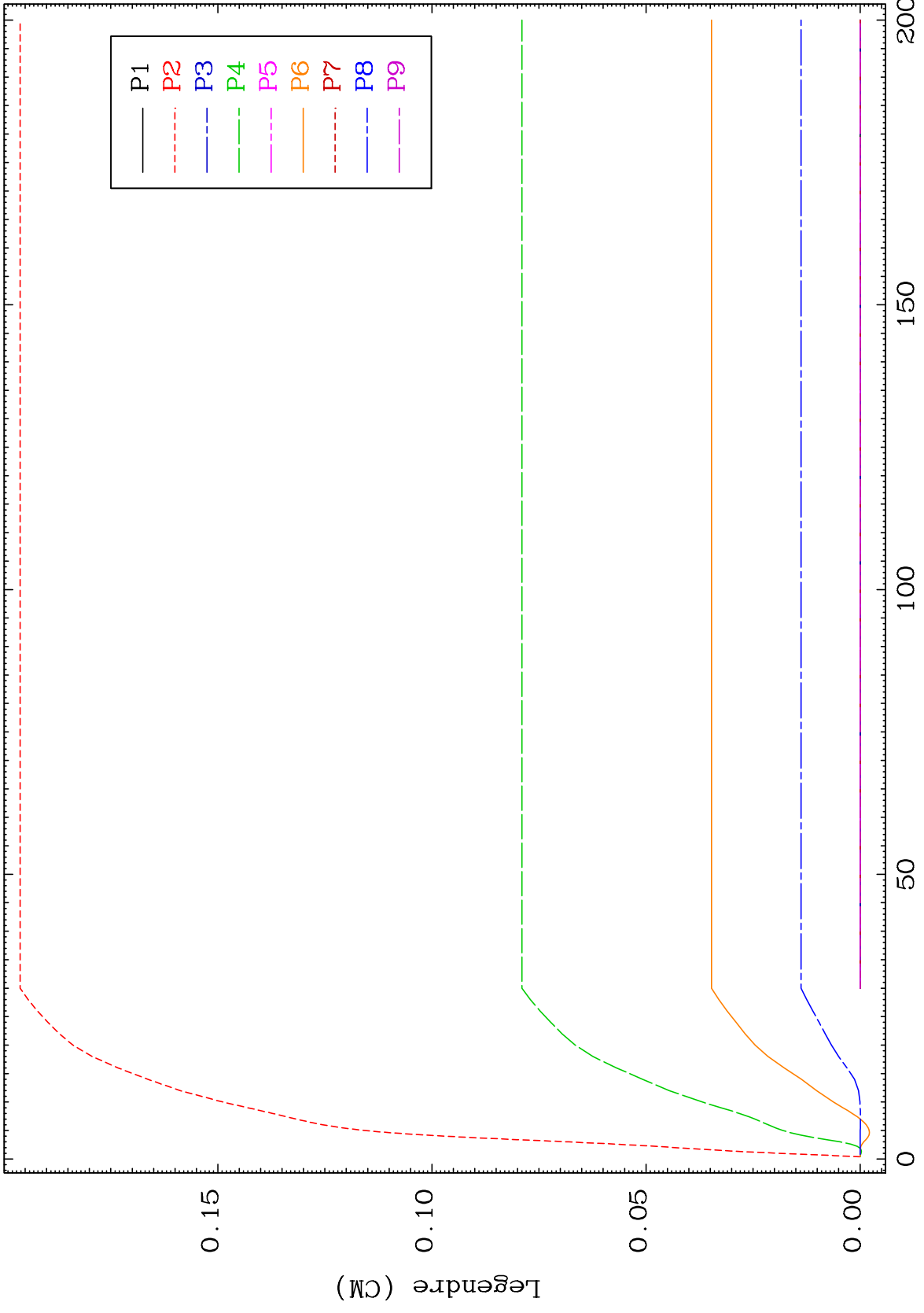


43

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-66

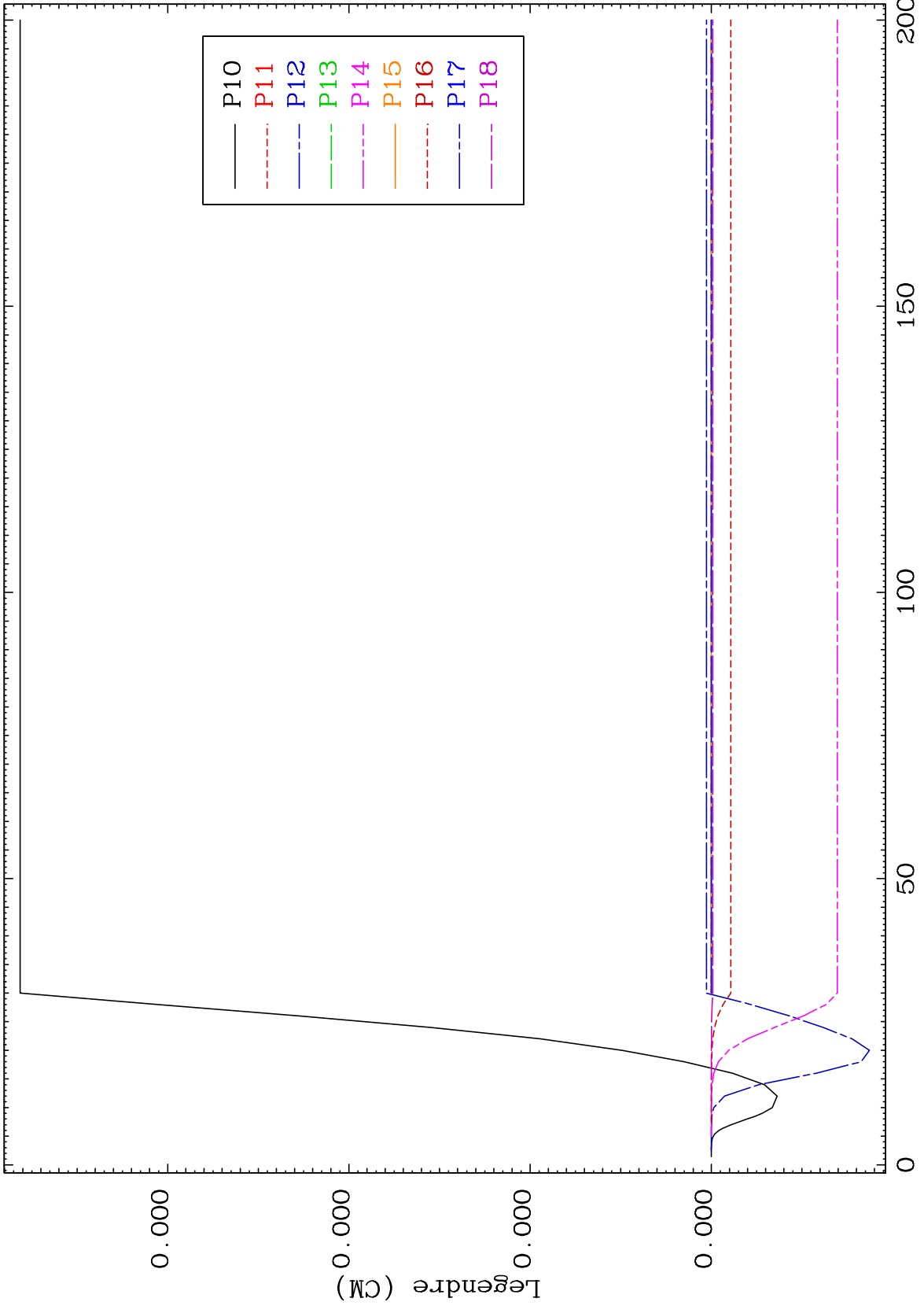


44 31-Ga-66

MAT 3116

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

31-Ga-66

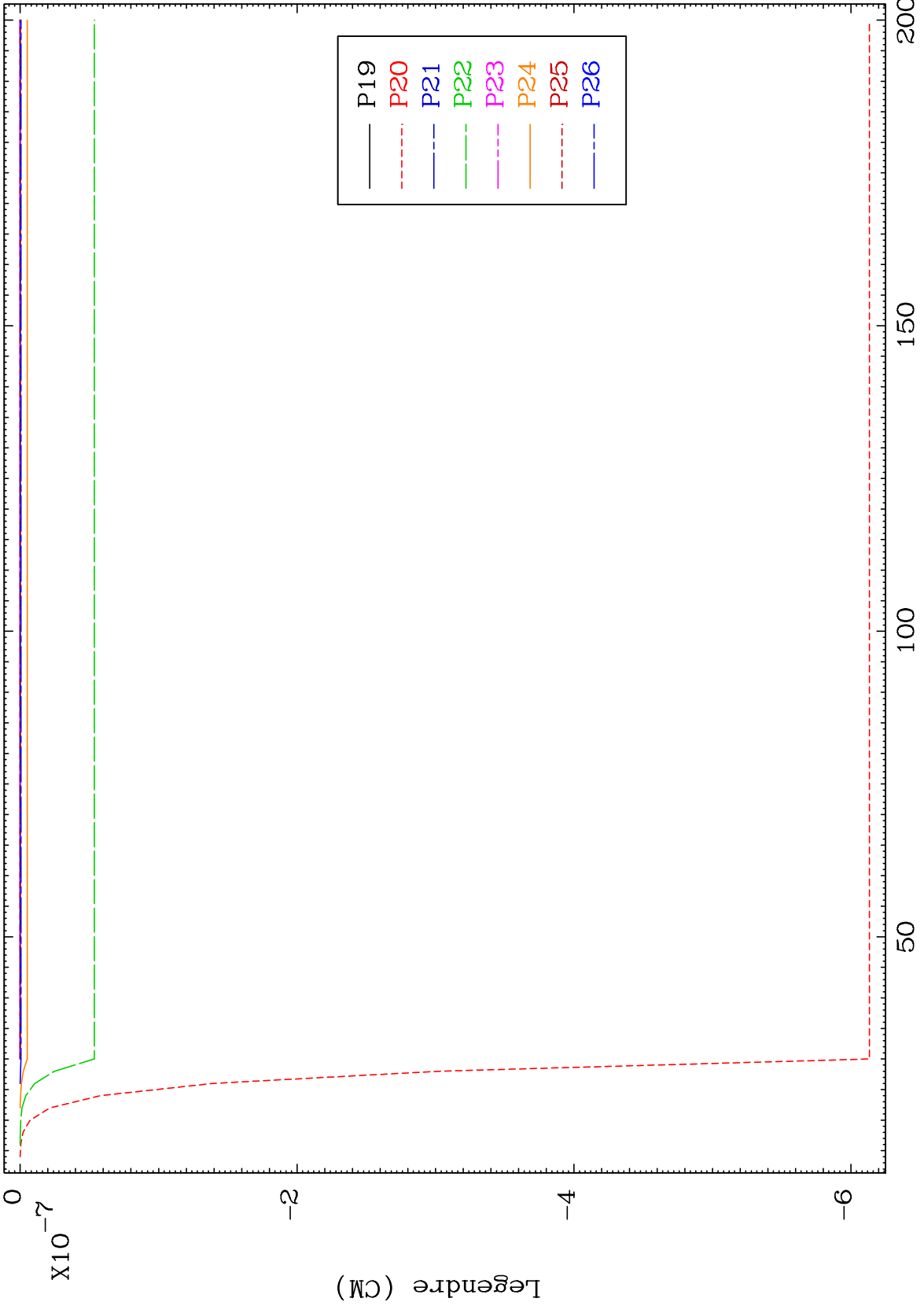


45

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-66

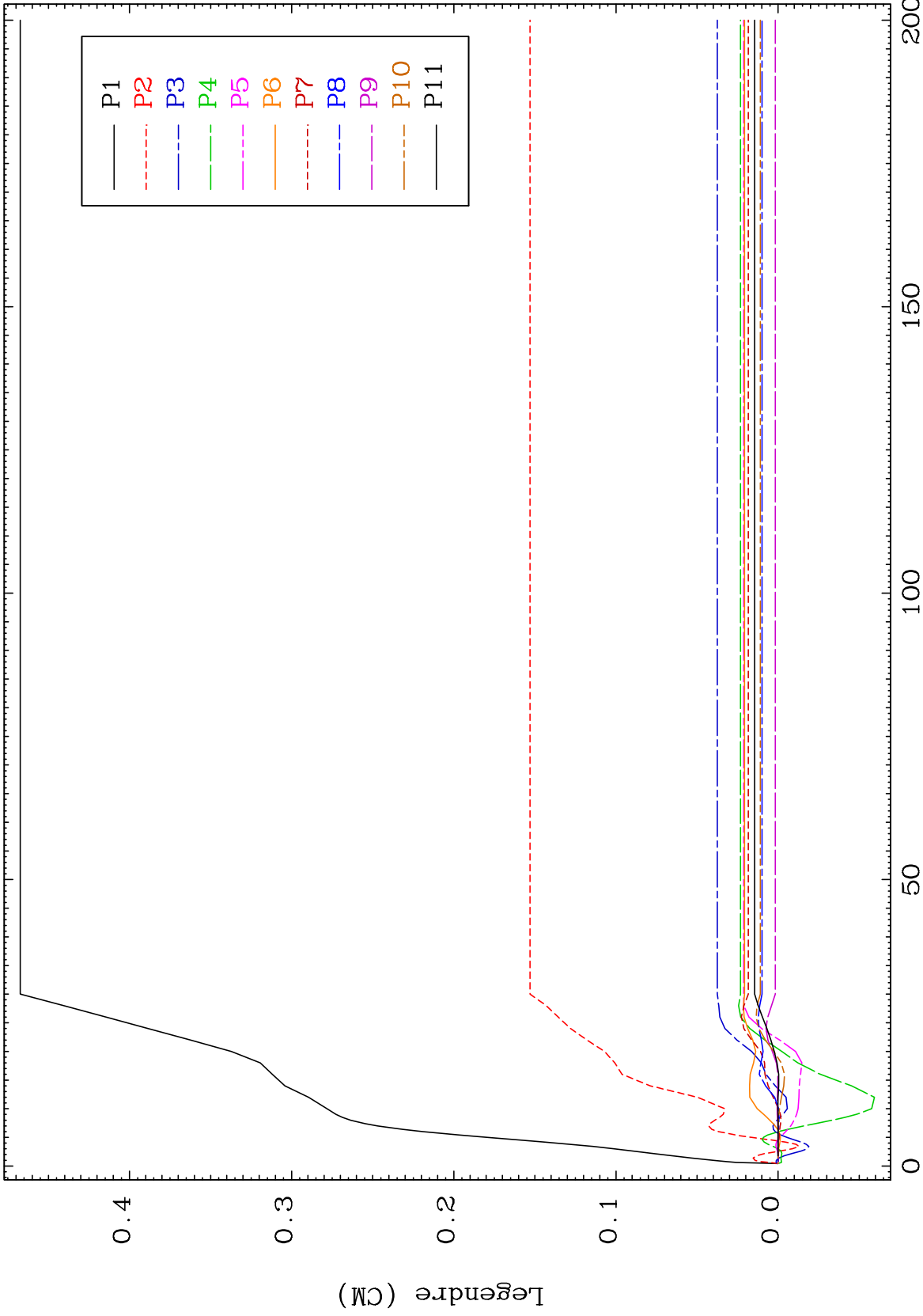


46 31-Ga-66

MAT 3116

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

31-Ga-66



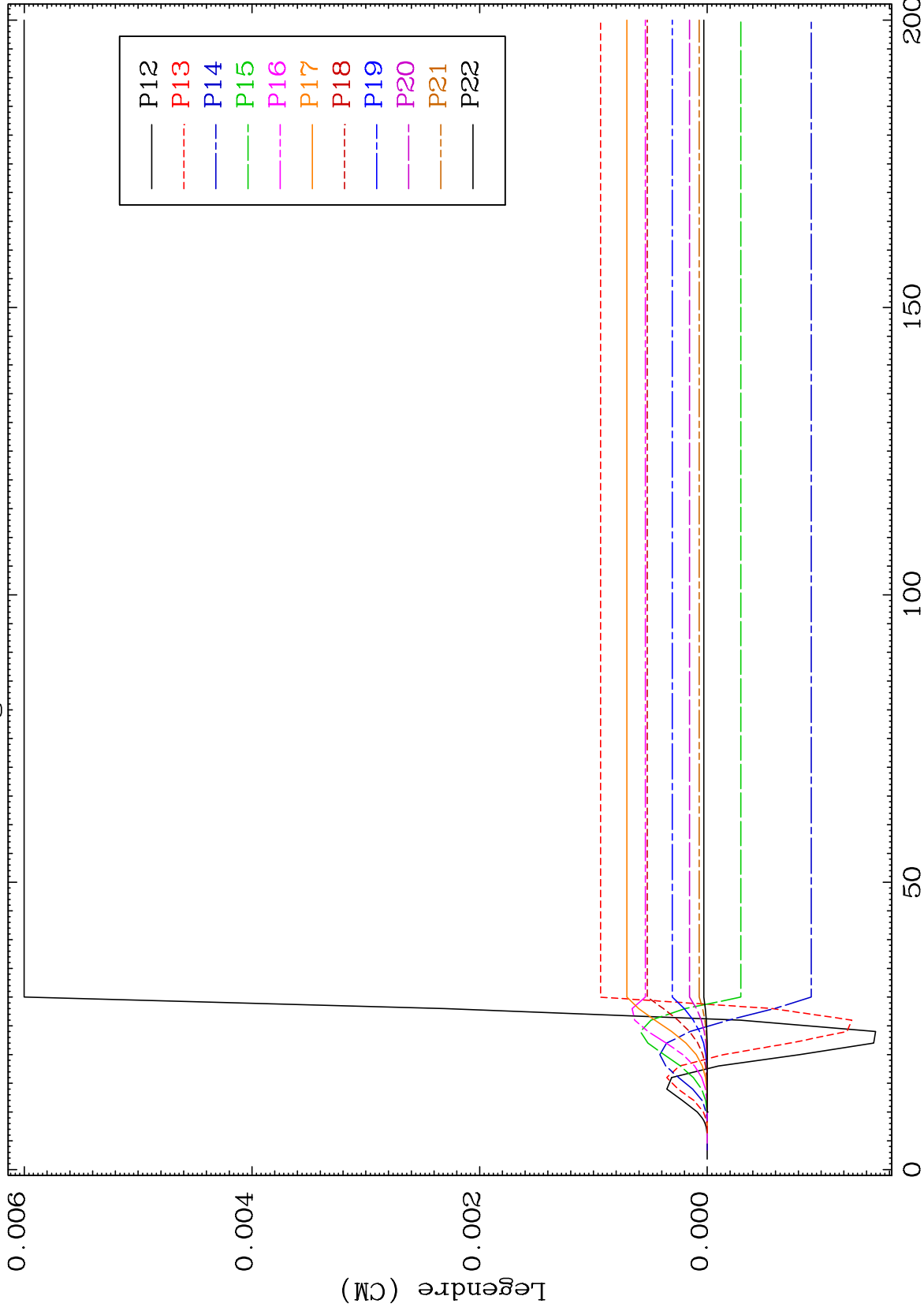
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31-Ga-66

MAT 3116

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

31-Ga-66



48

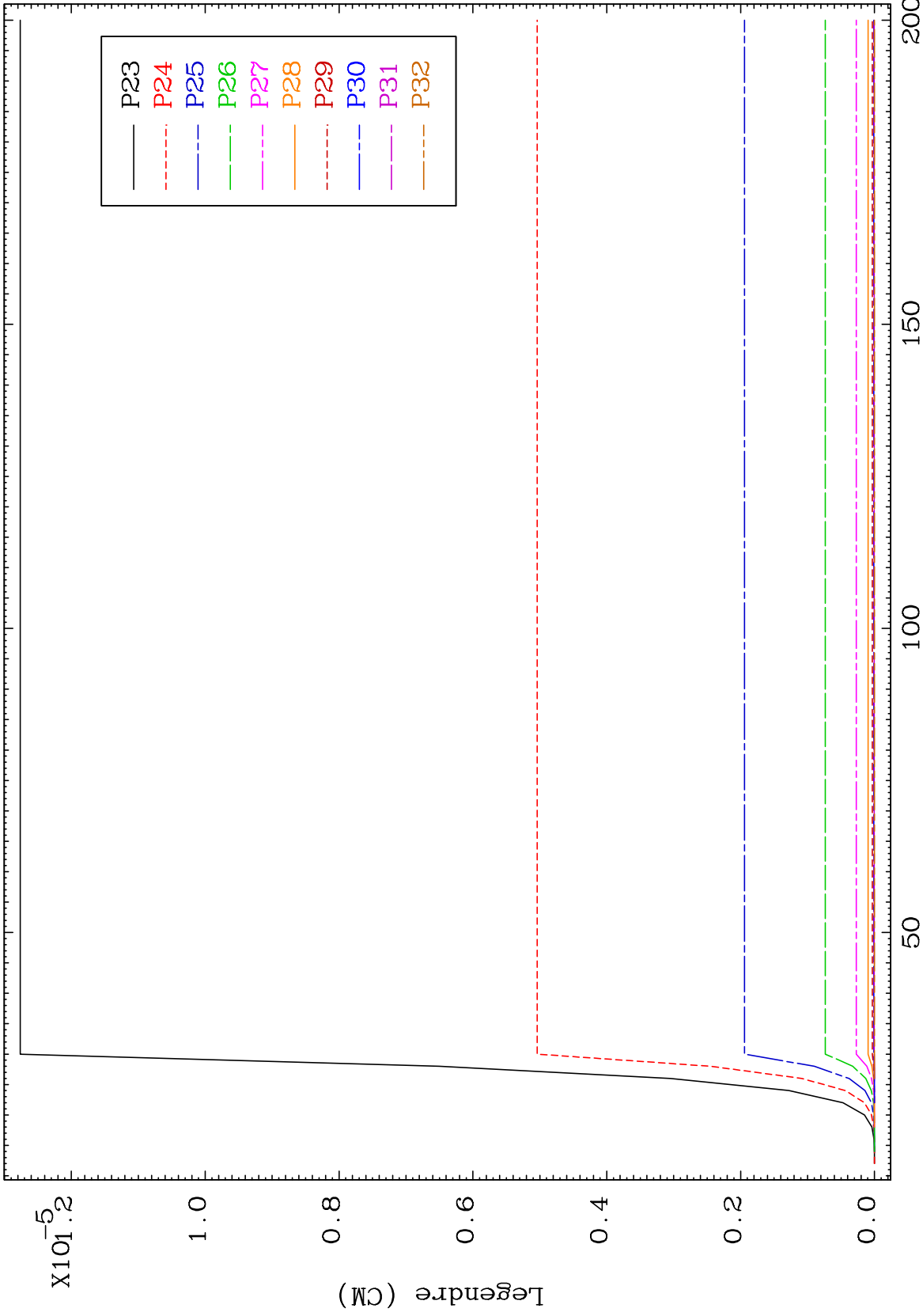
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

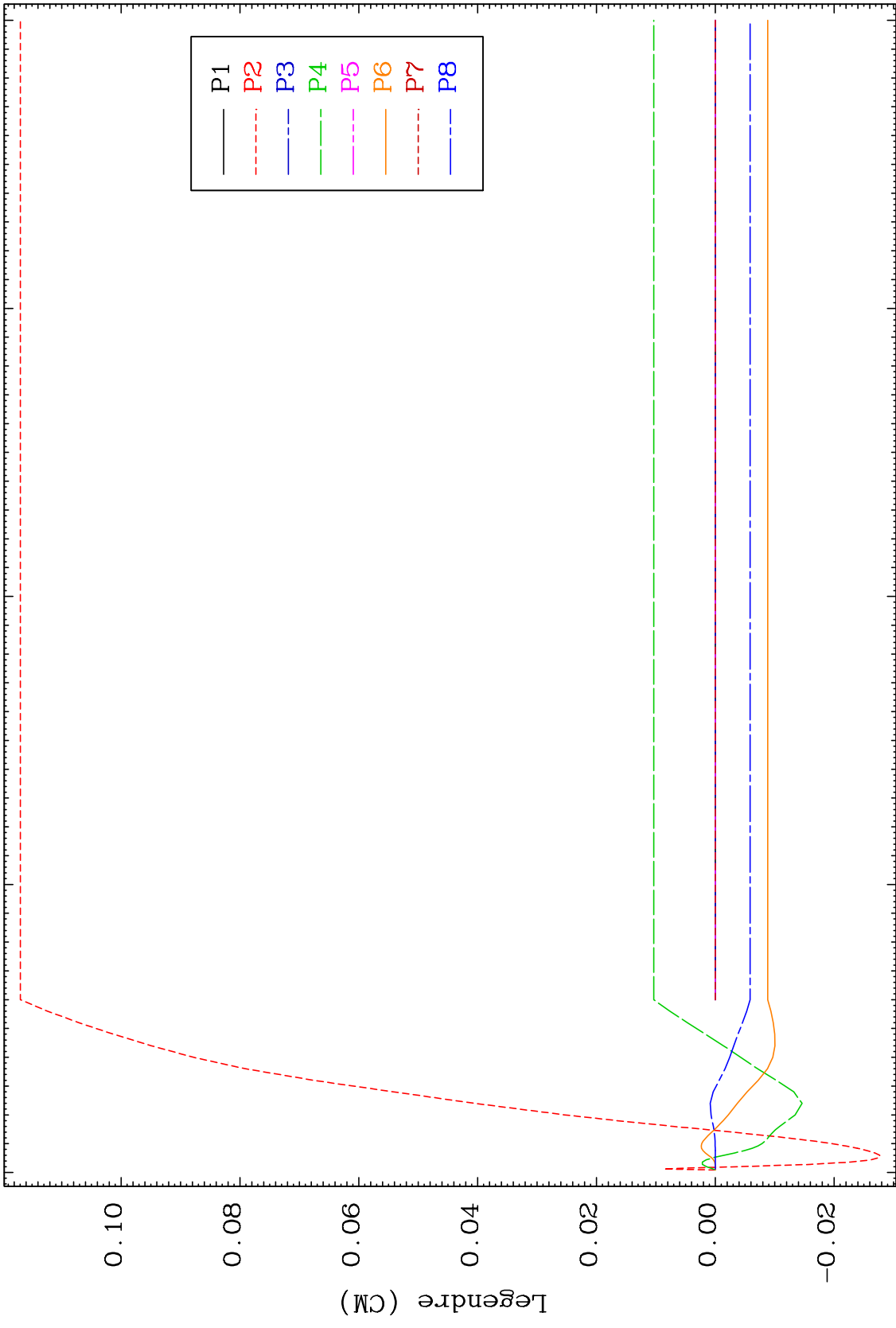


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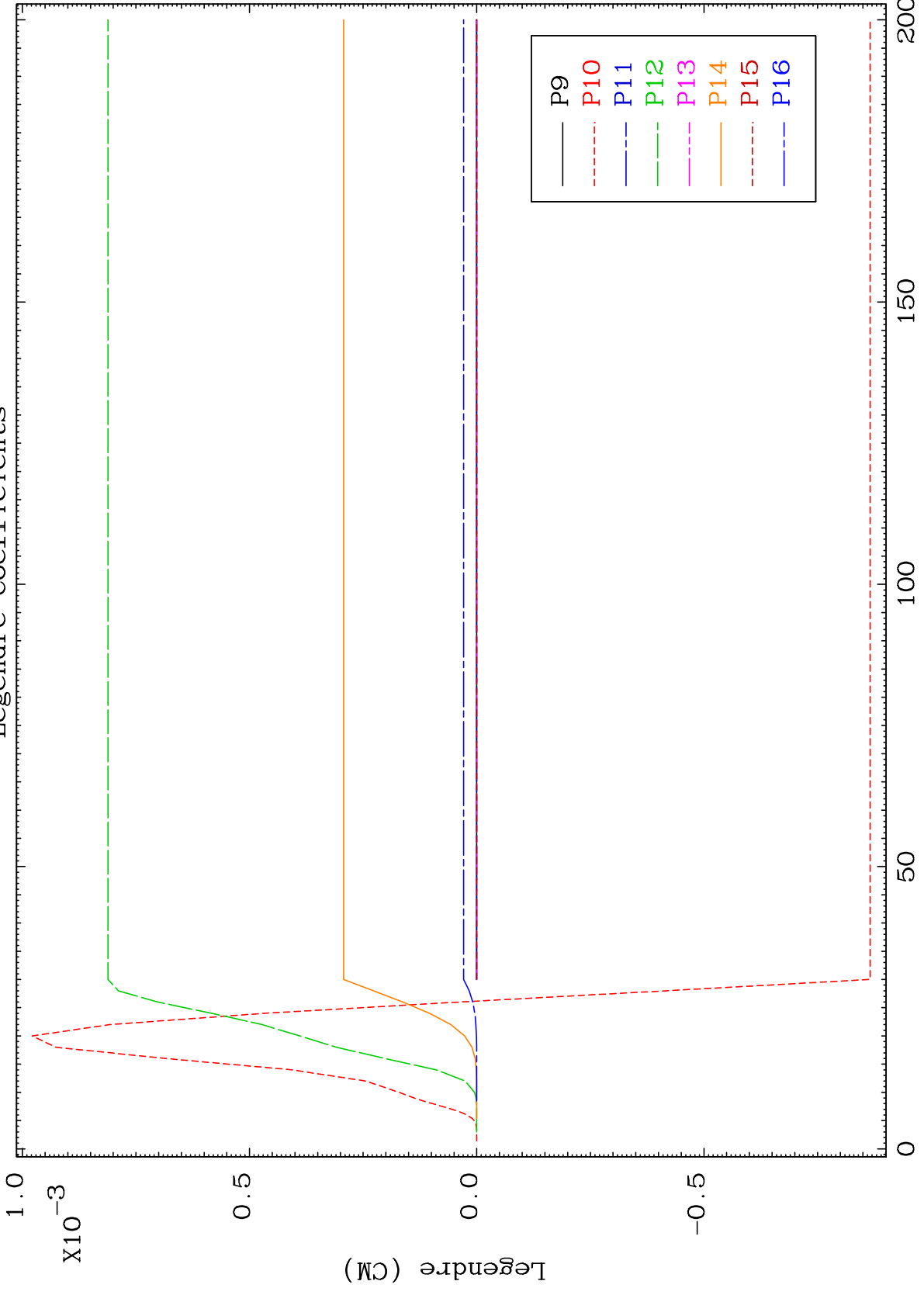
Incident Energy (MeV)

31-Ga-66

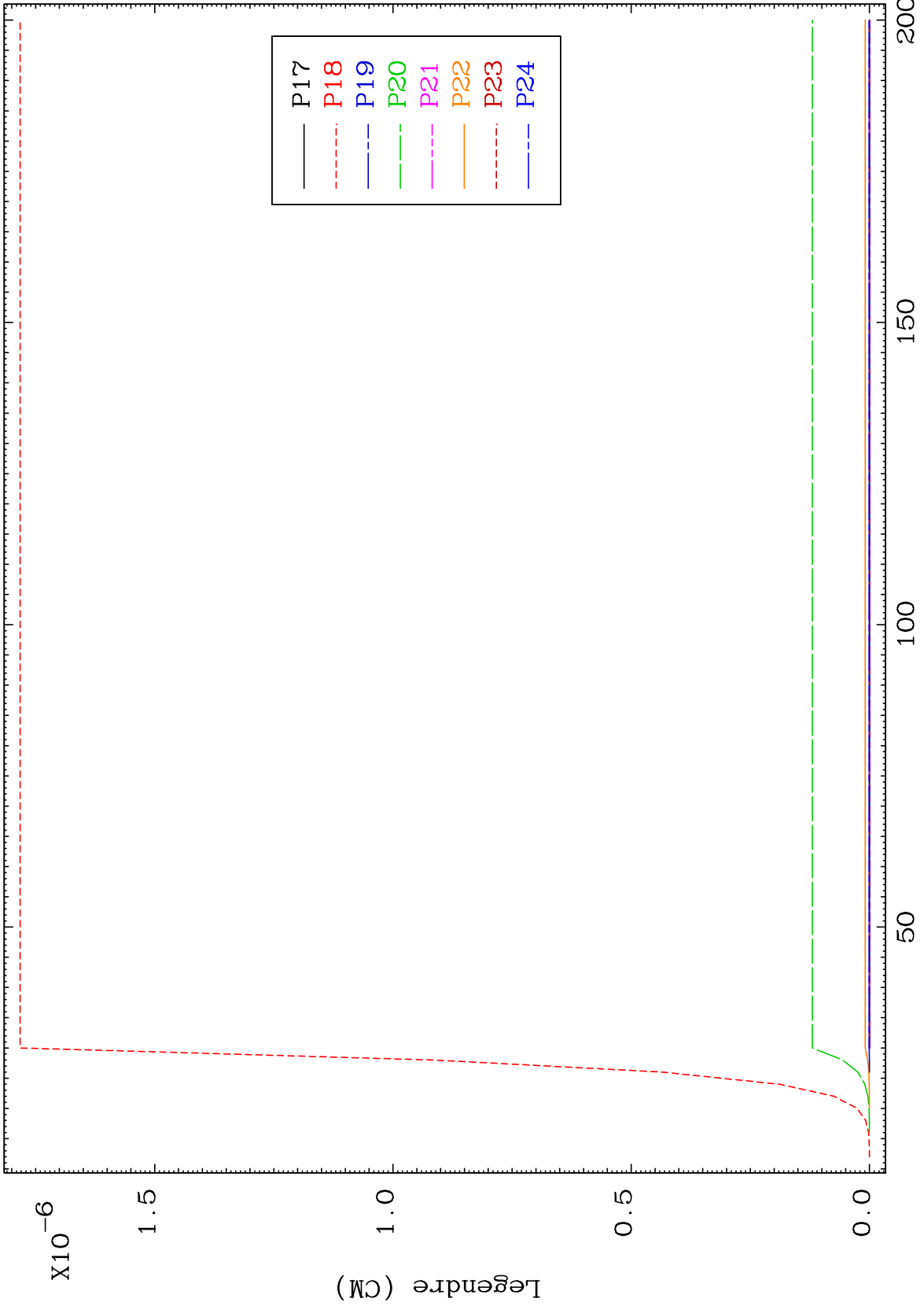
MAT 3116 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-66



Incident Energy (MeV) 31-Ga-66



MAT 3116 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-66

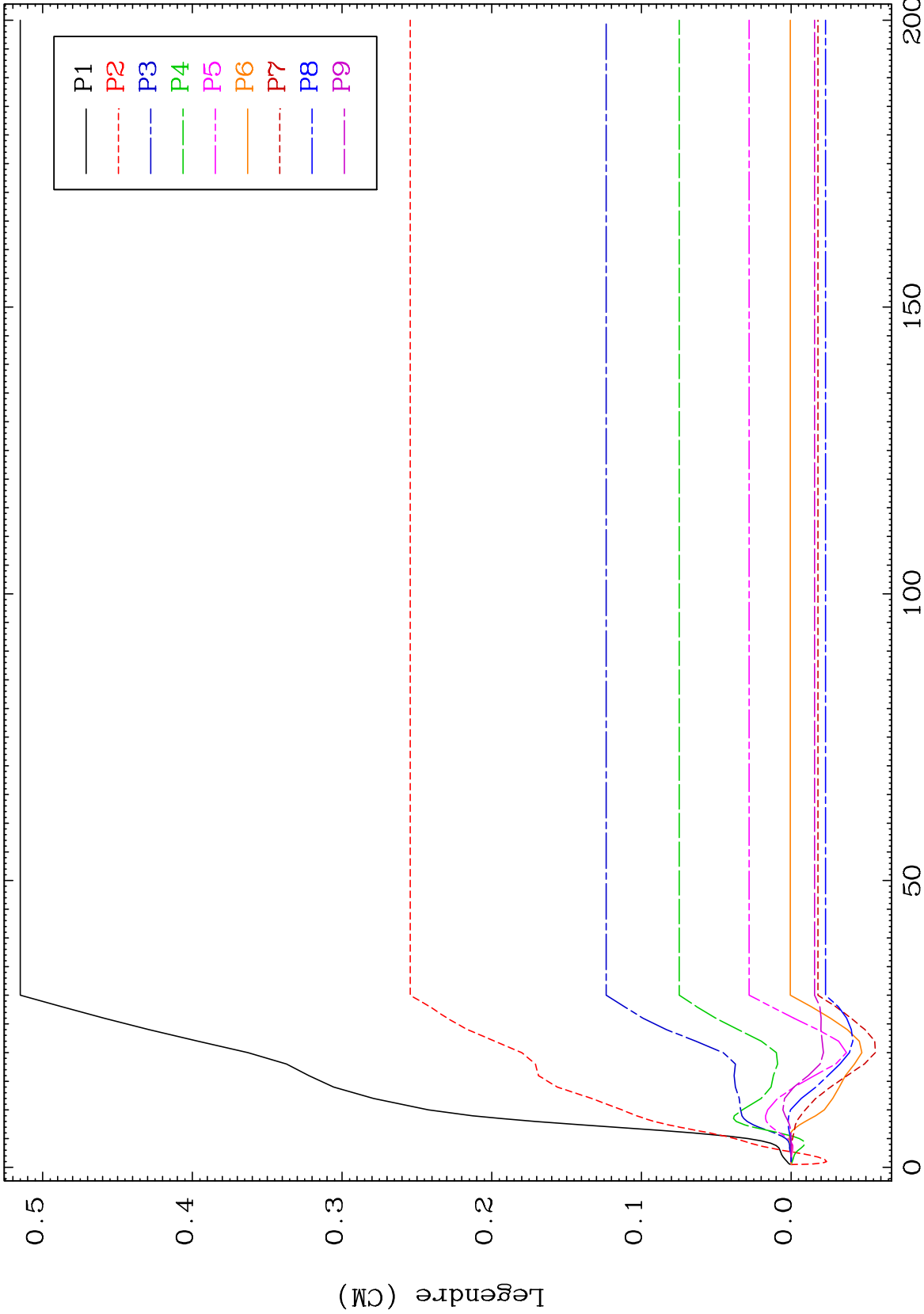


52 Incident Energy (MeV) 31-Ga-66

MAT 3116

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

31-Ga-66



53

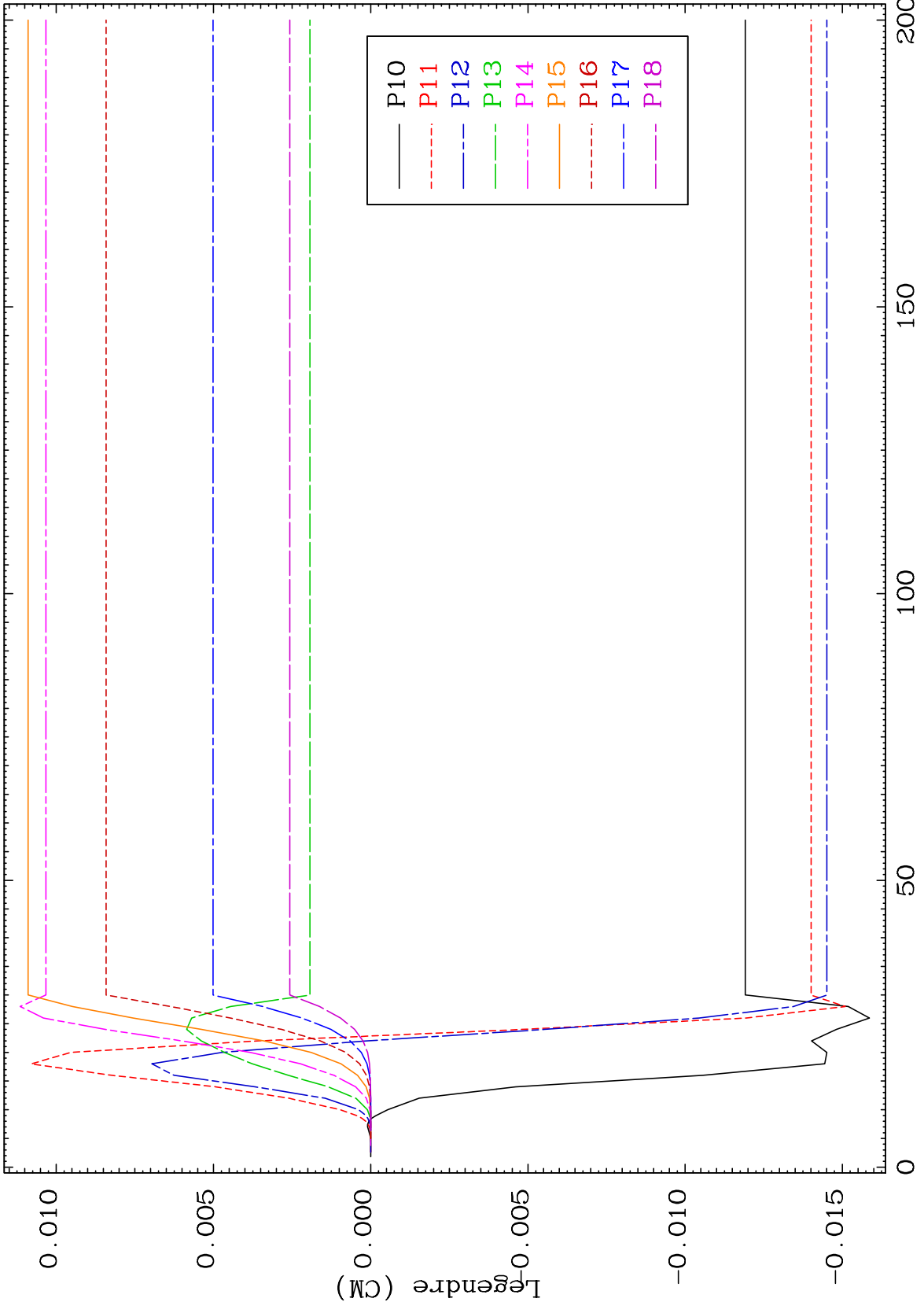
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

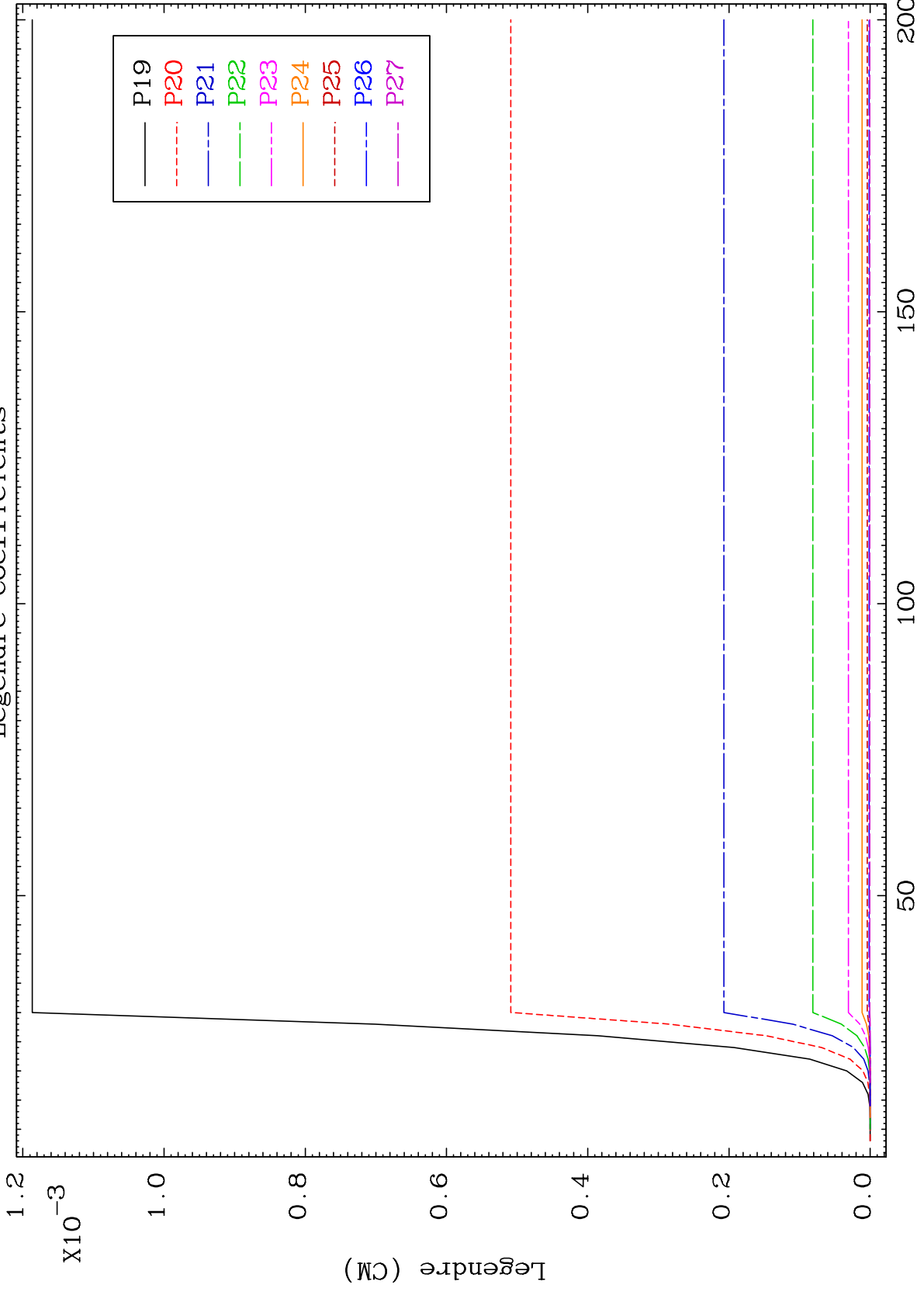
31-Ga-66



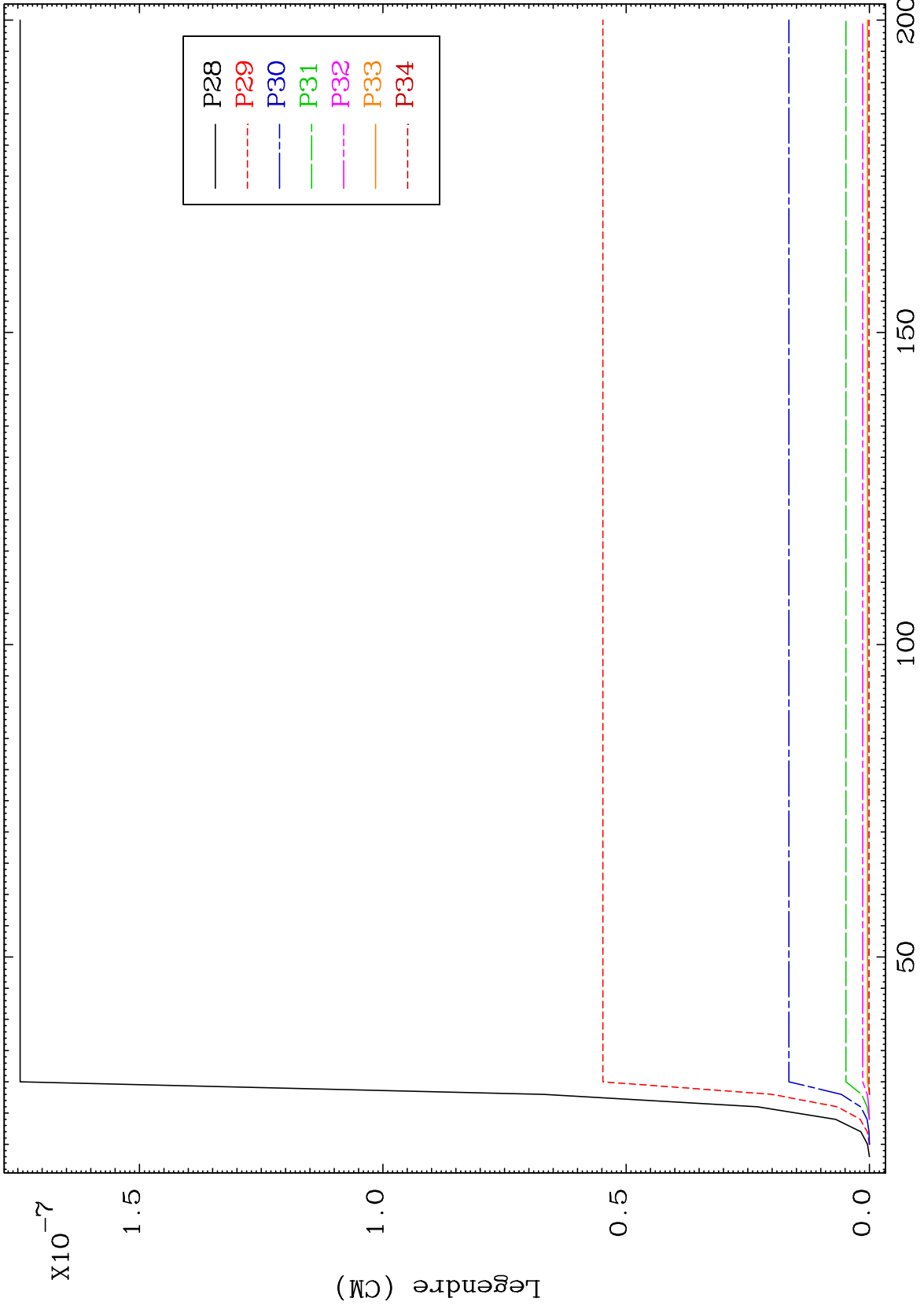
54

Incident Energy (MeV)

31-Ga-66



MAT 3116 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-66

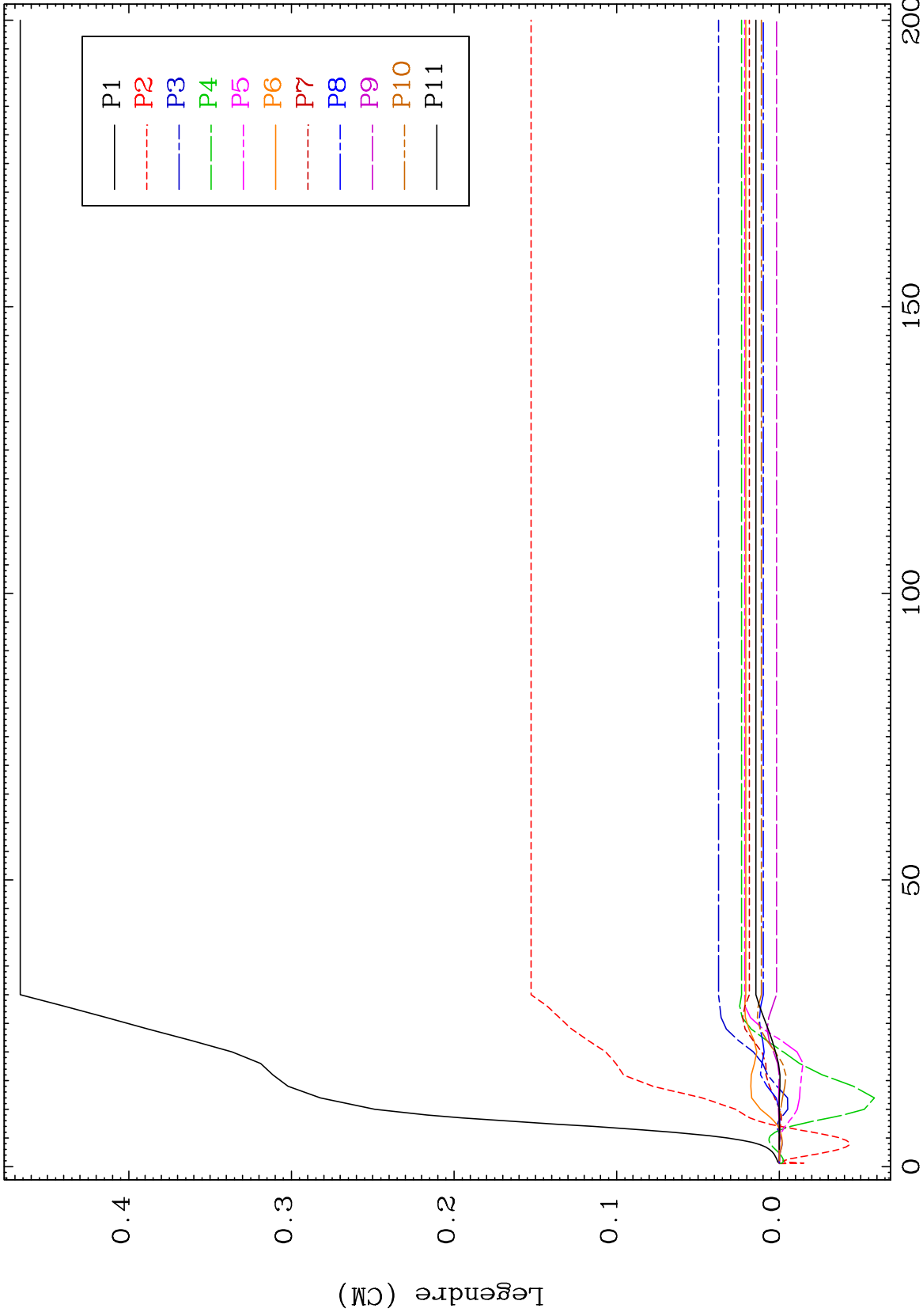


56 31-Ga-66

MAT 3116

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

31-Ga-66

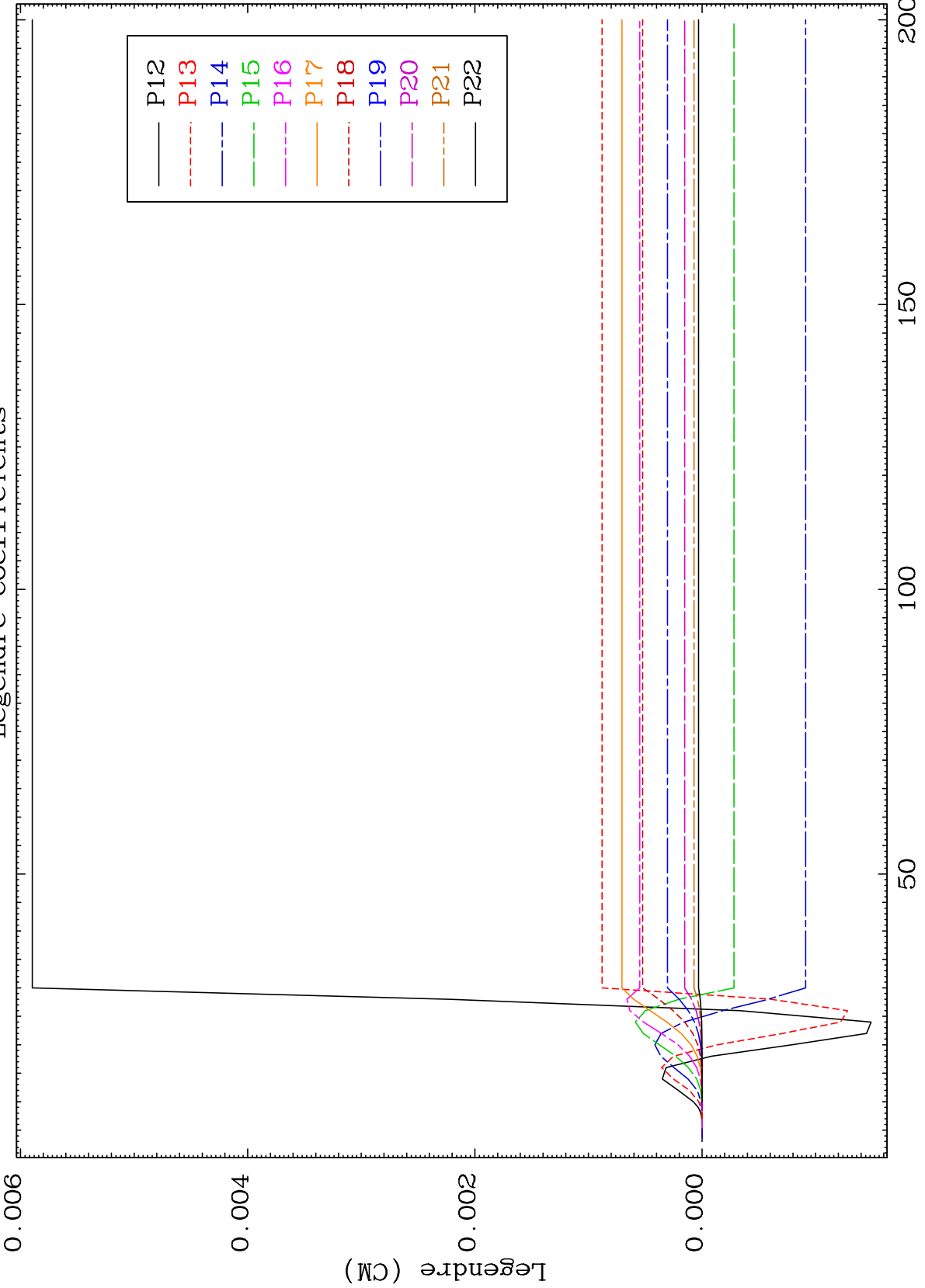


57

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-66



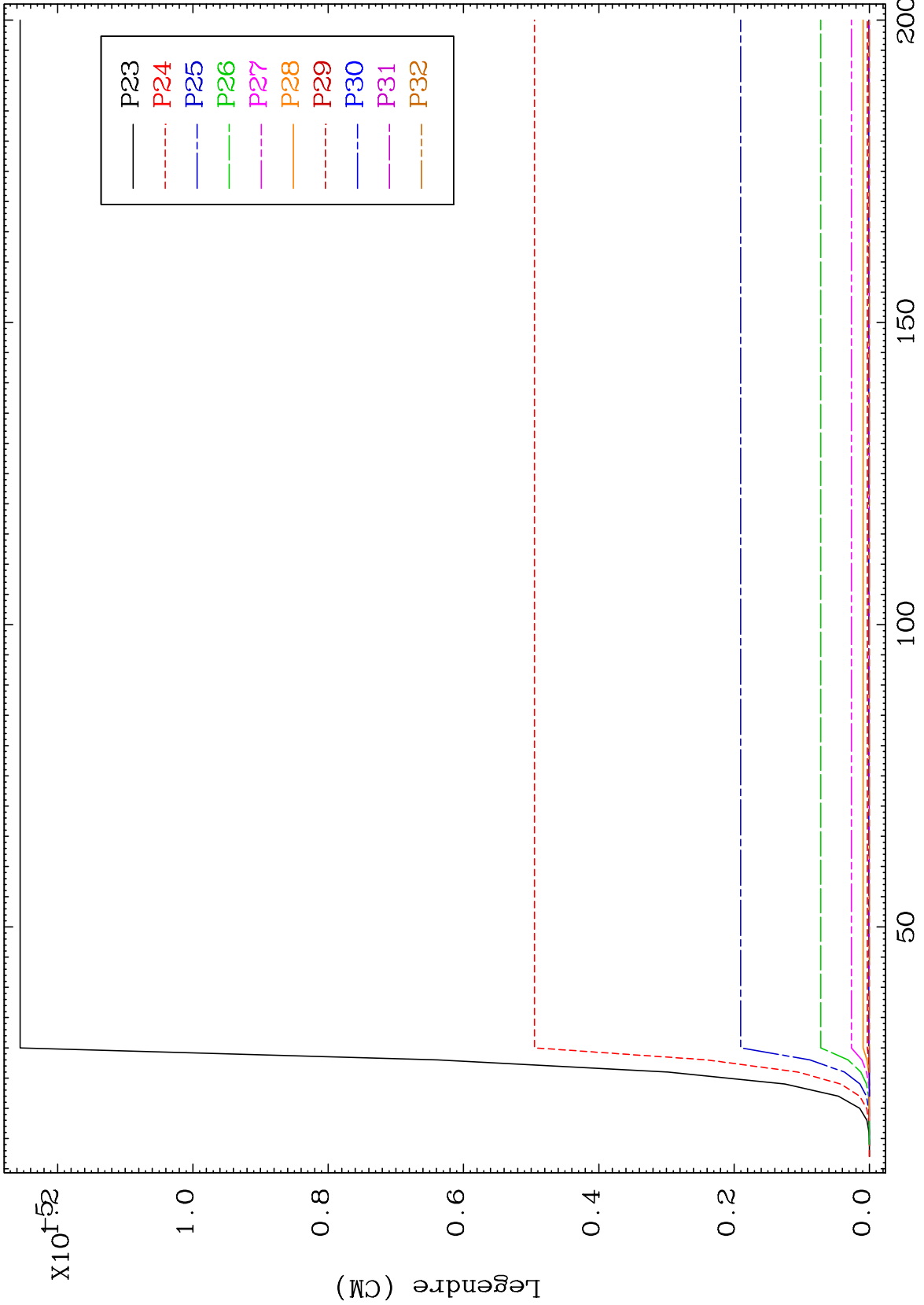
31-Ga-66

Incident Energy (MeV)

MAT 3116

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

31-Ga-66

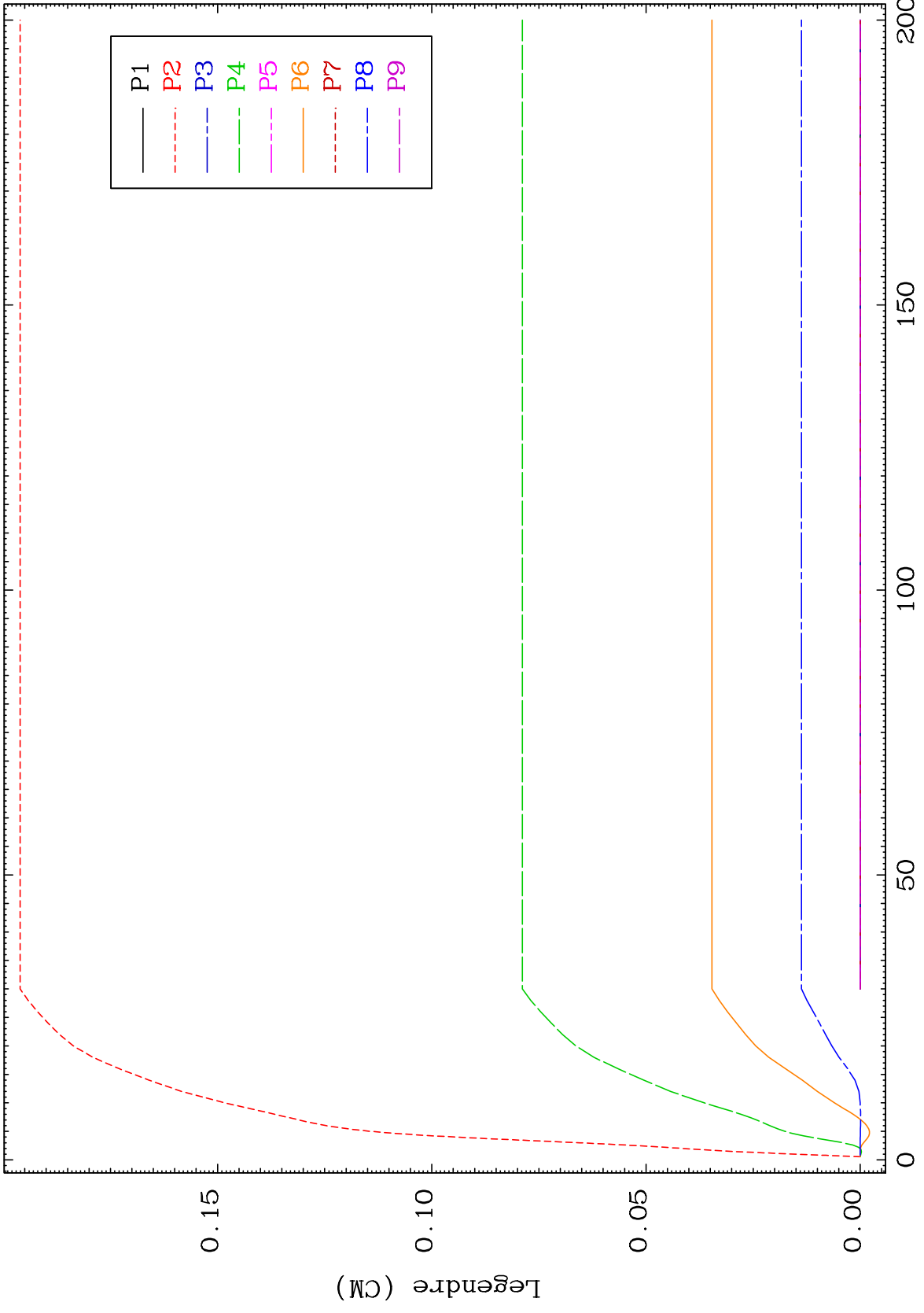


59

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-66

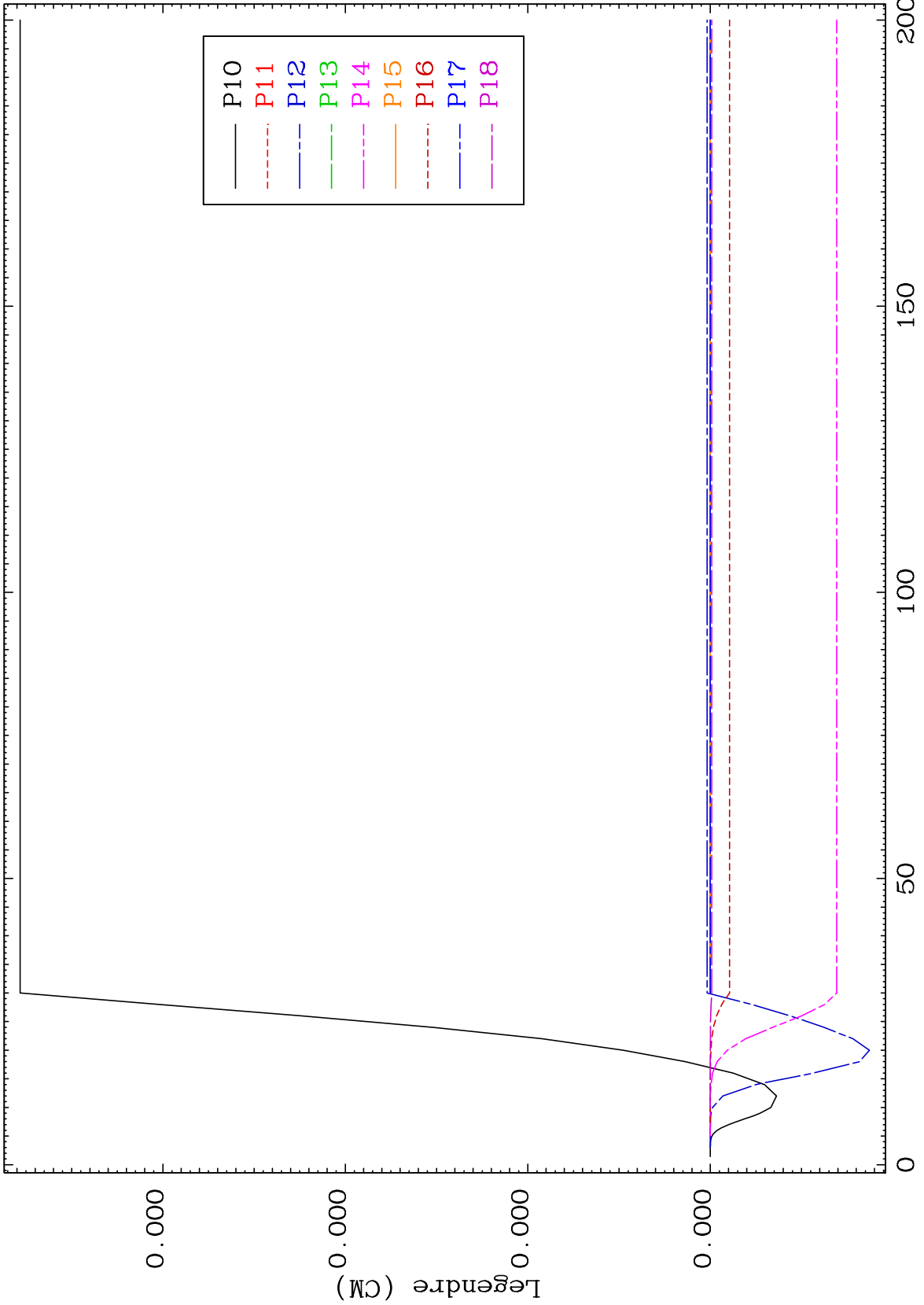


31-Ga-66

MAT 3116

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

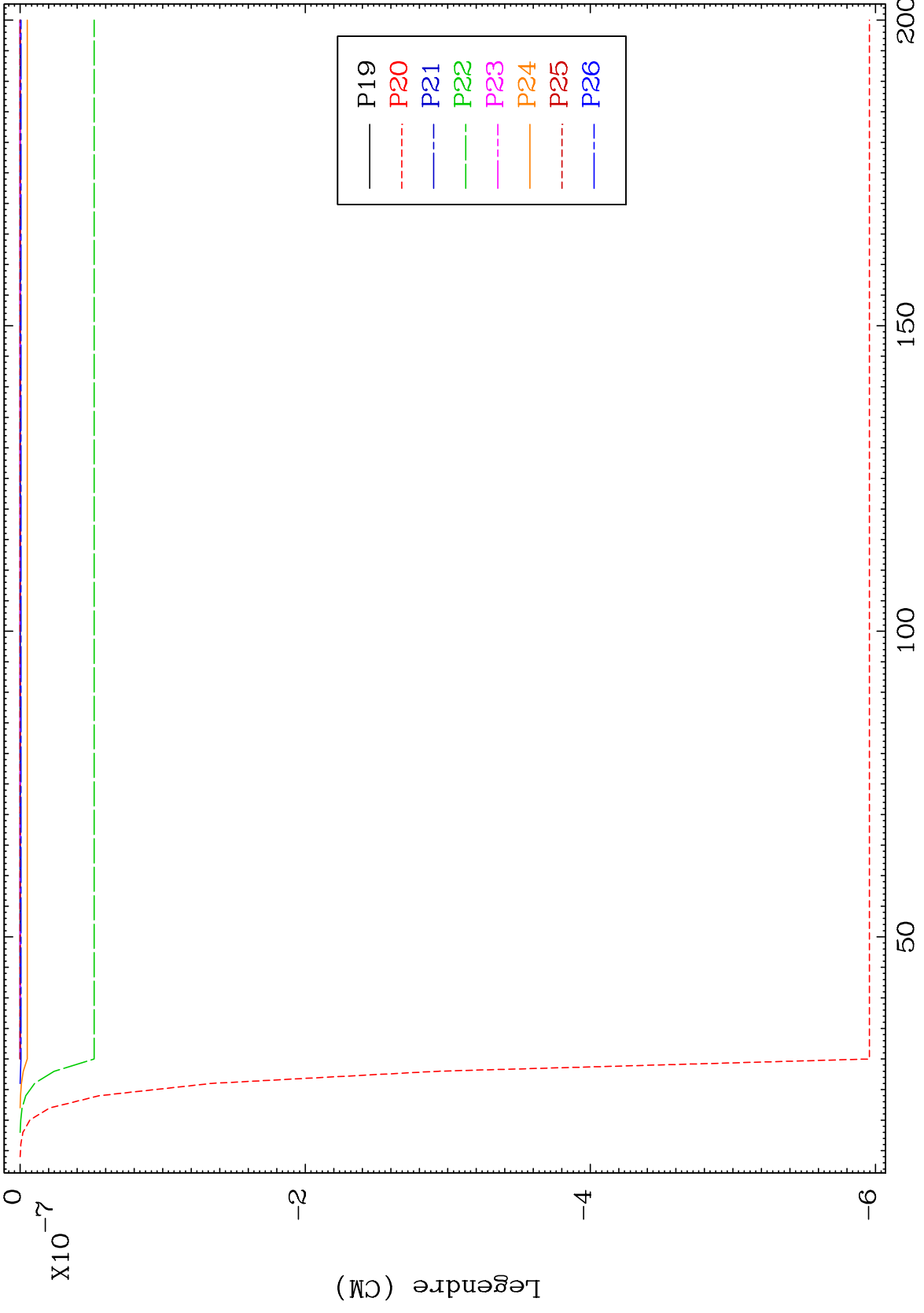
31-Ga-66



61

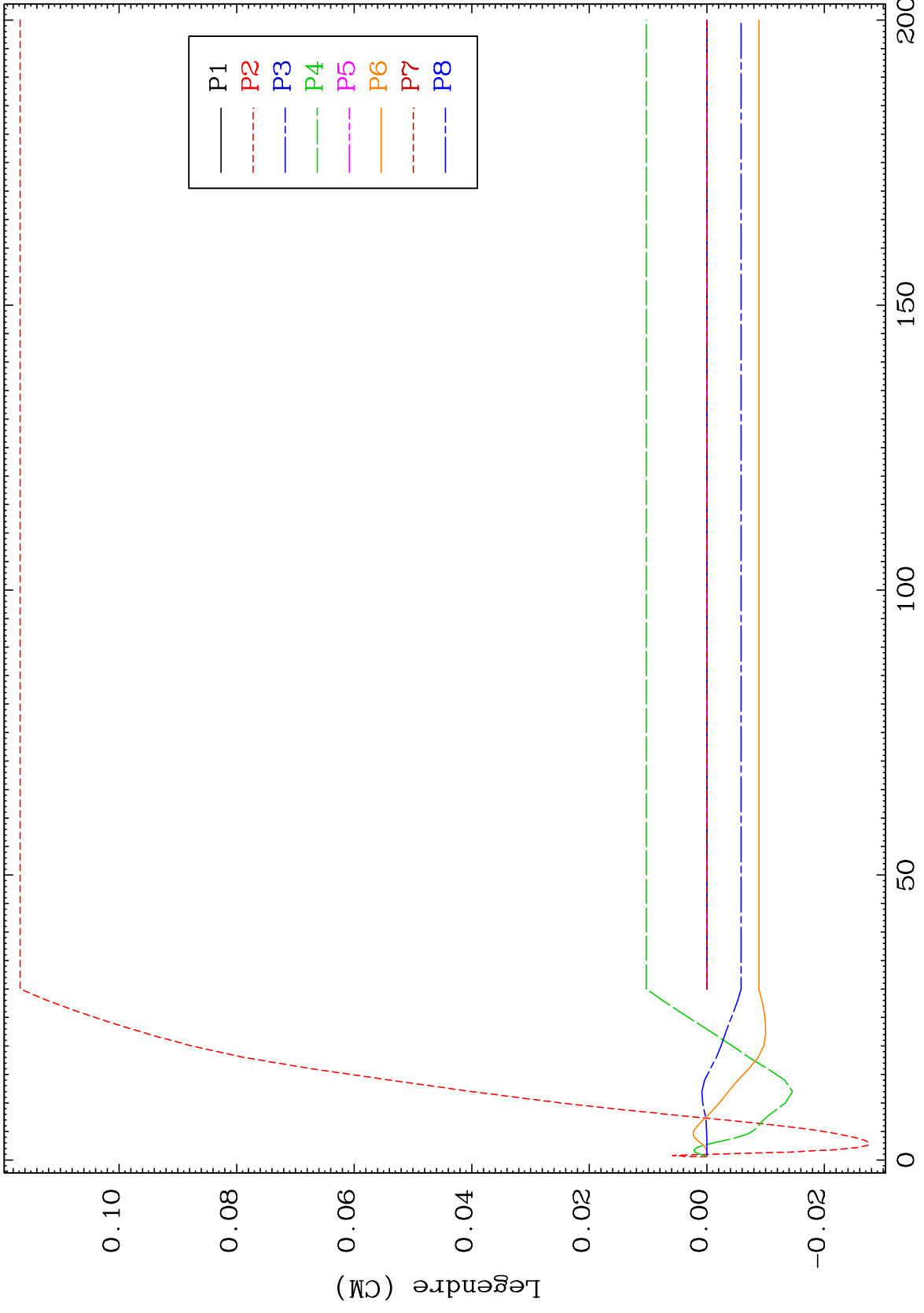
31-Ga-66

MAT 3116 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-66



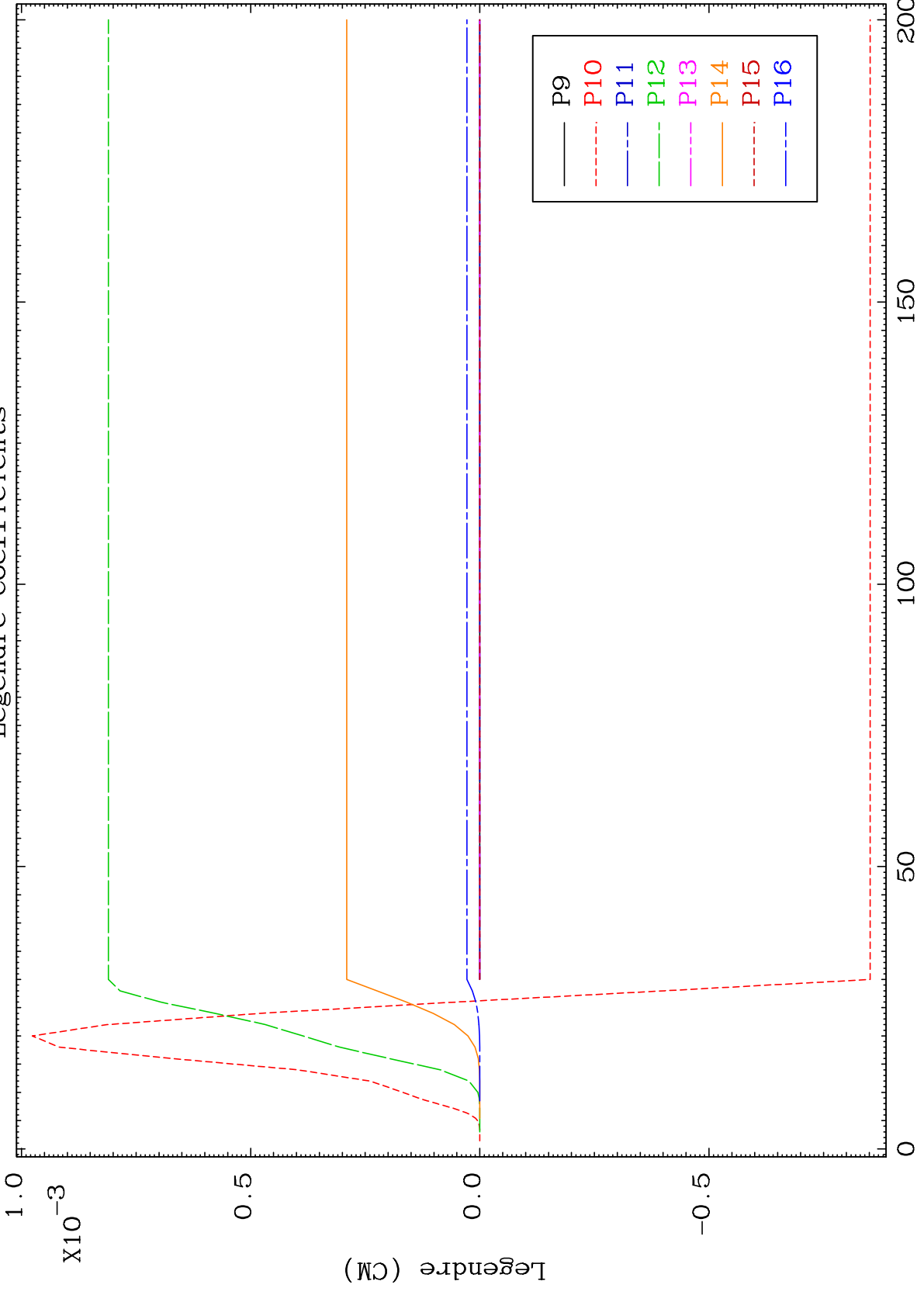
62 31-Ga-66

MAT 3116 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-66



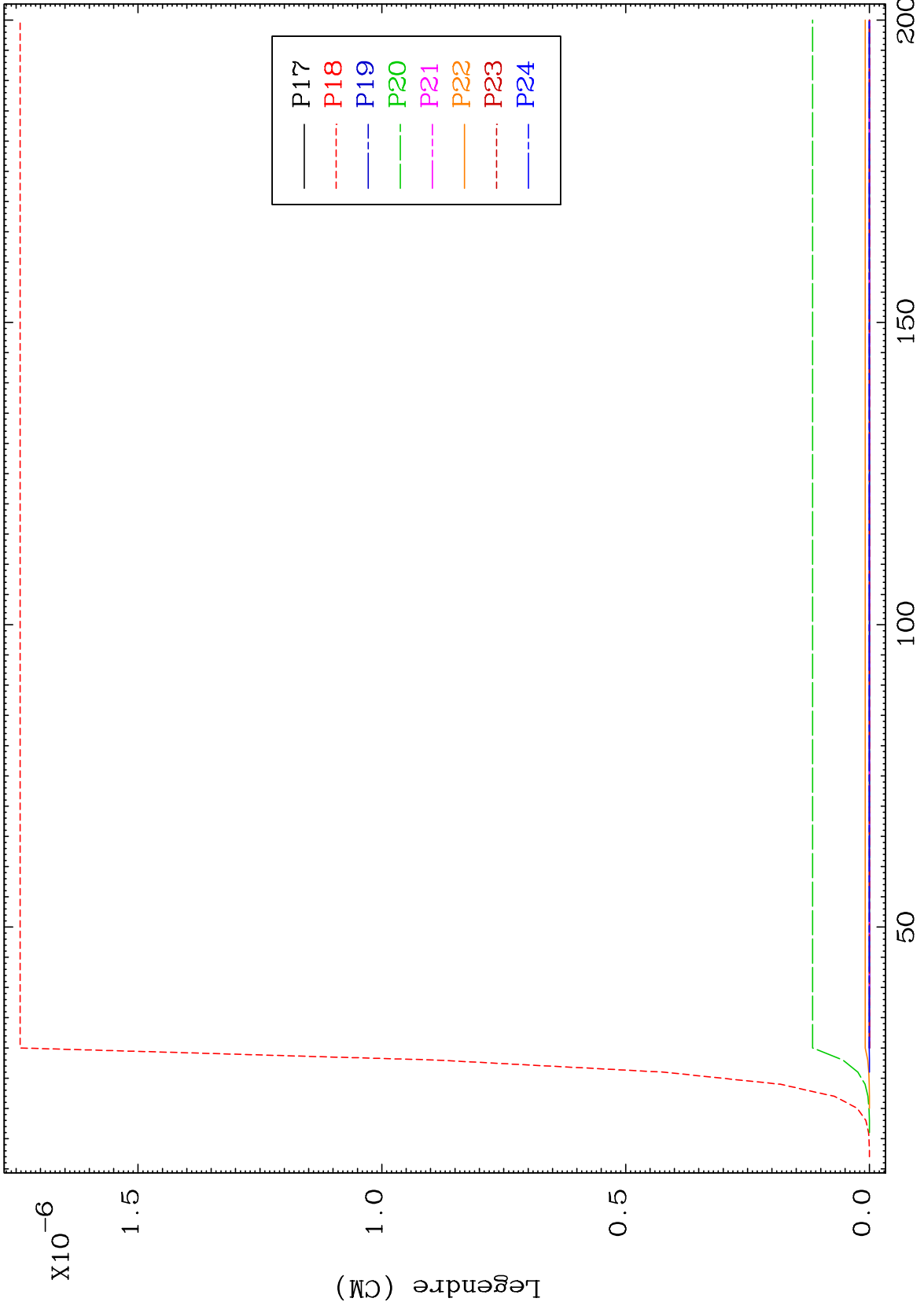
63 31-Ga-66

MAT 3116 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-66



64 31-Ga-66

MAT 3116 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-66

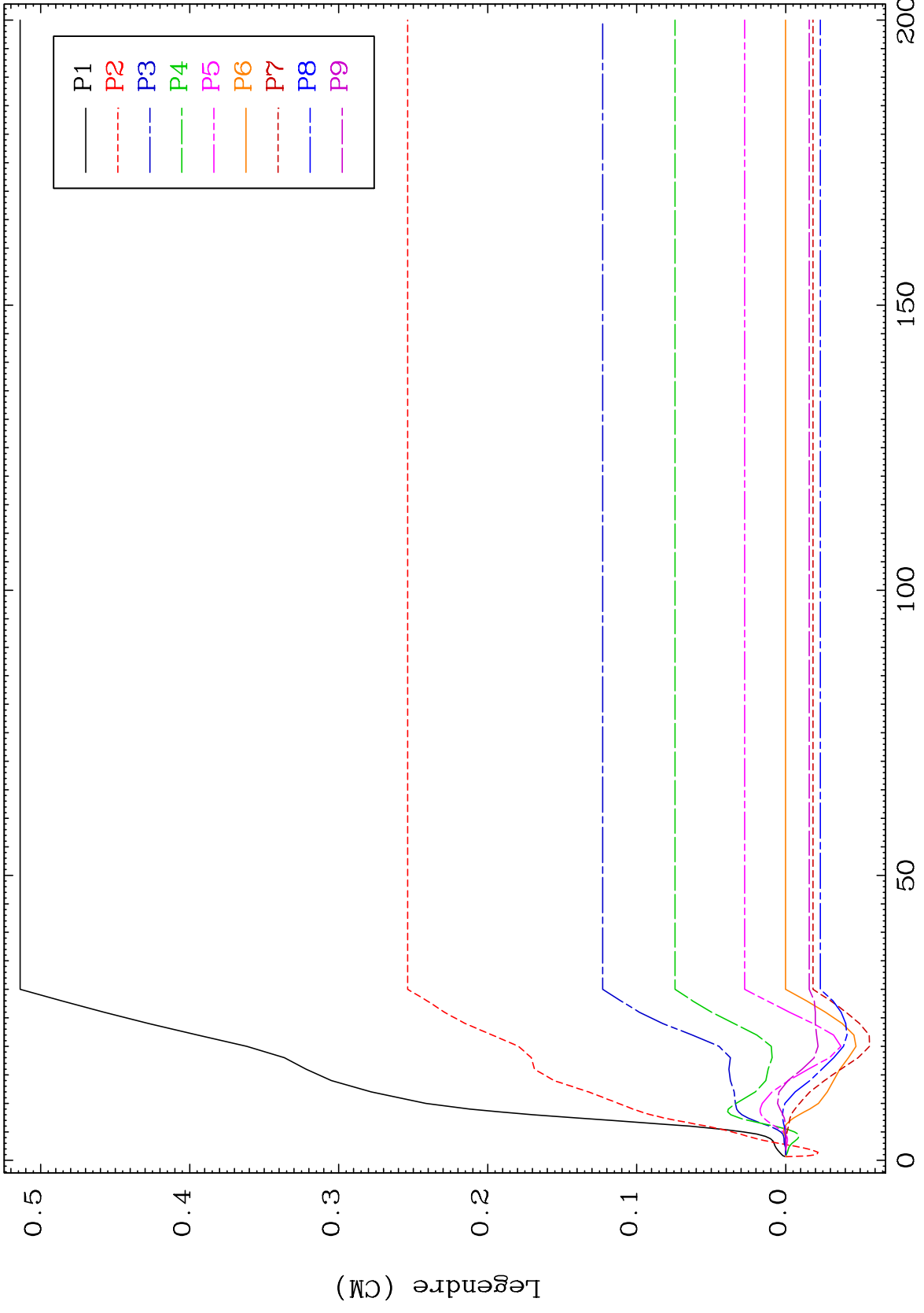


65 50 100 150 200 31-Ga-66

MAT 3116

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

31-Ga-66



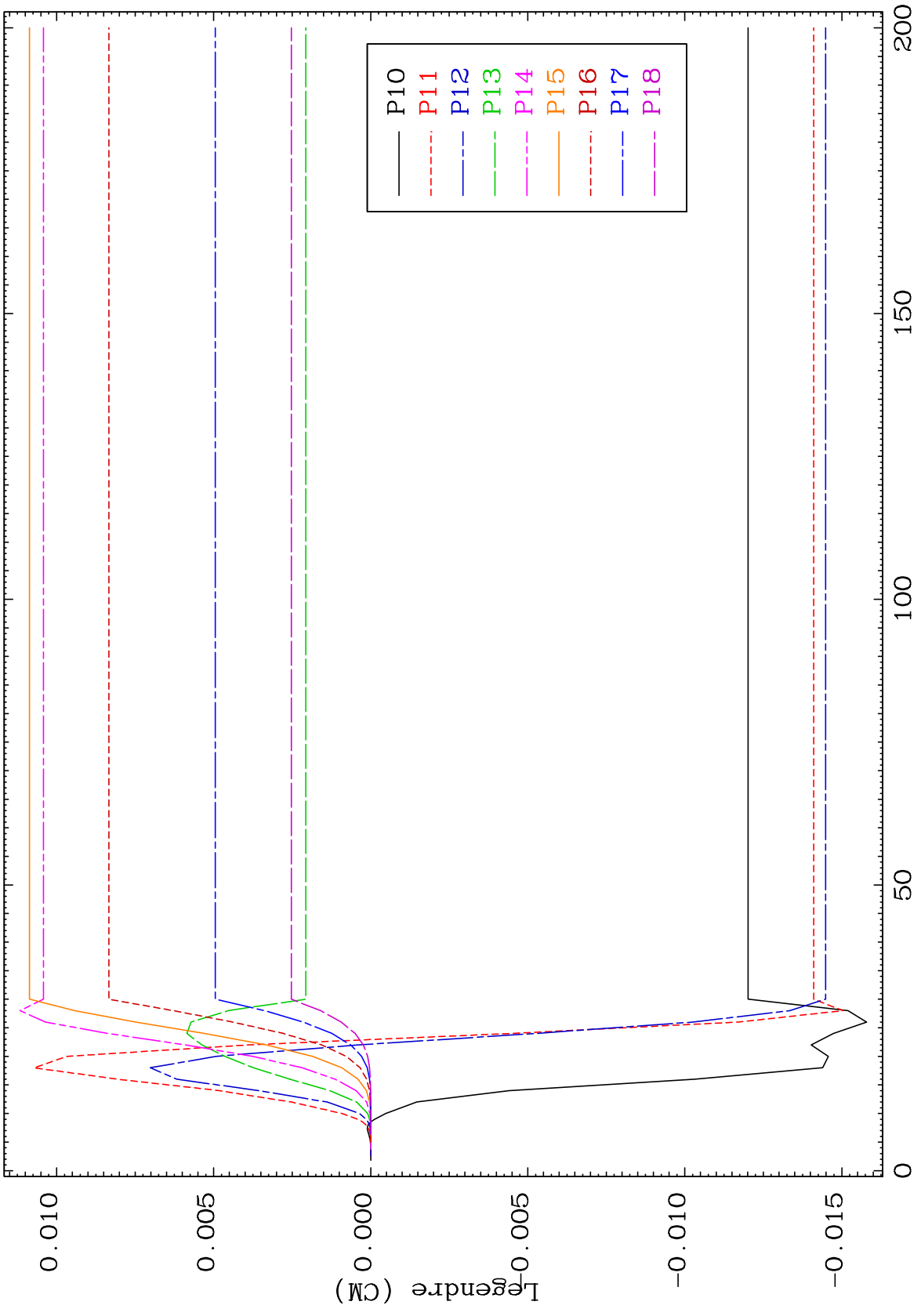
66

31-Ga-66

MAT 3116

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

31-Ga-66



67

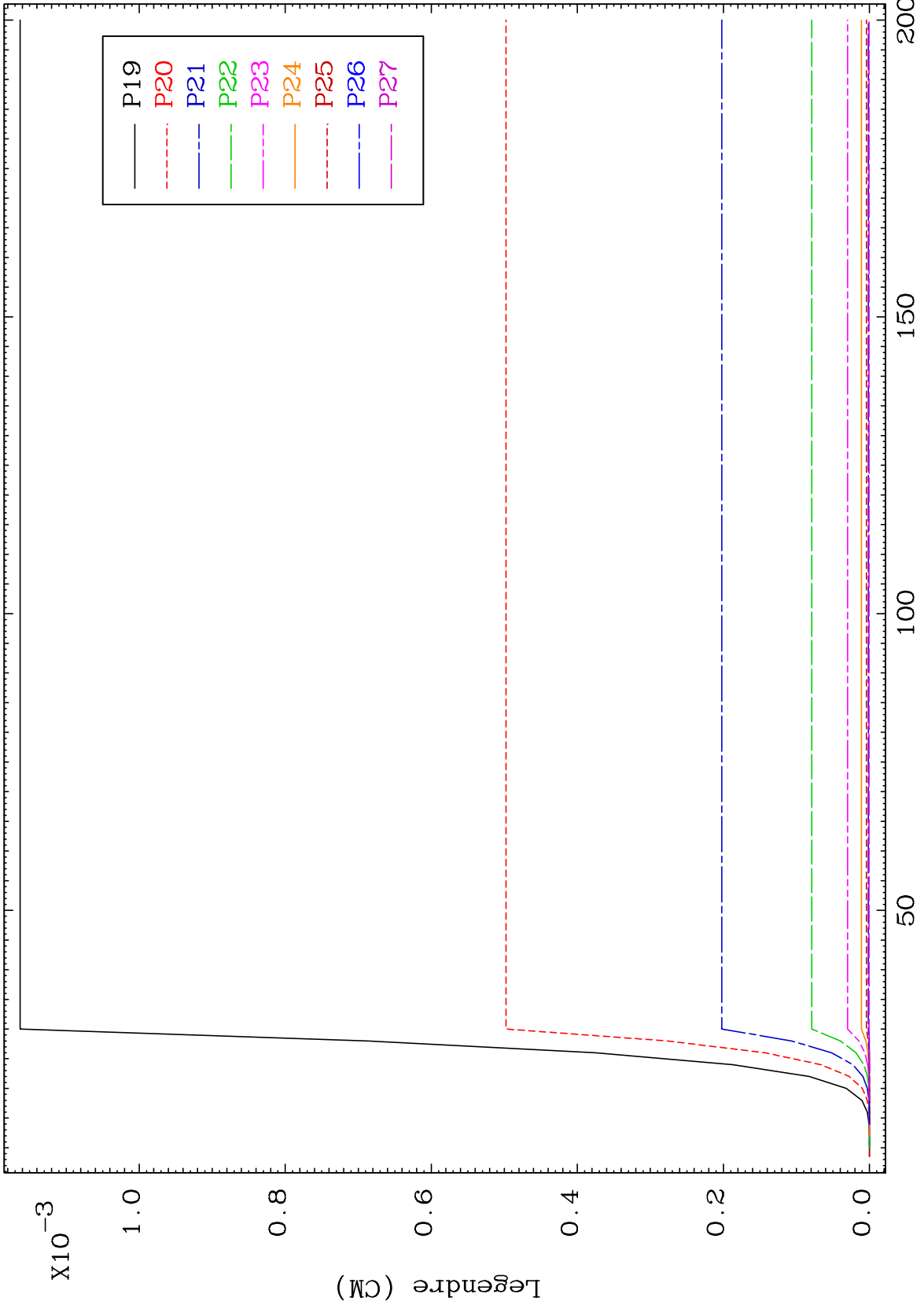
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



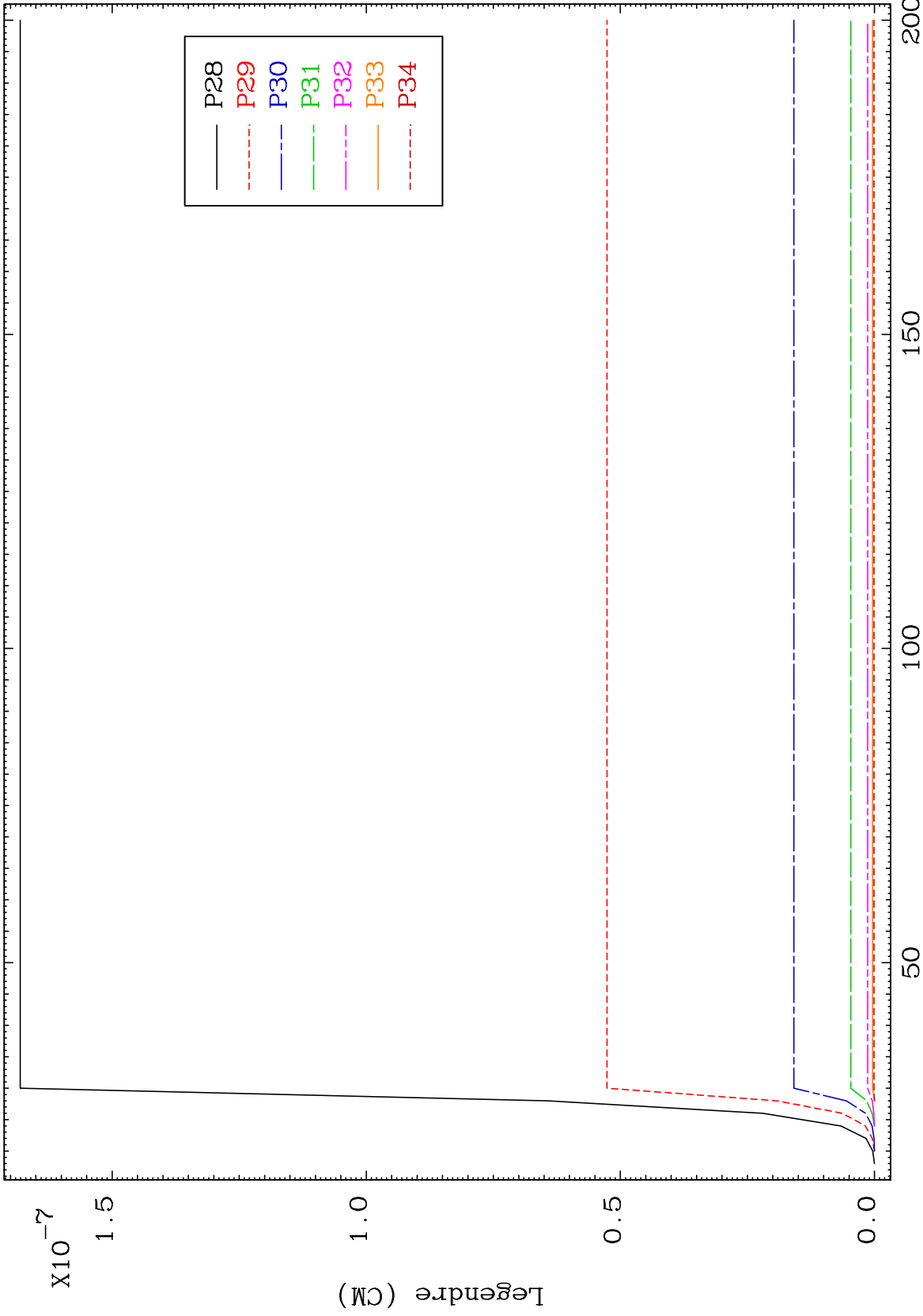
68

31-Ga-66

MAT 3116

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

31-Ga-66

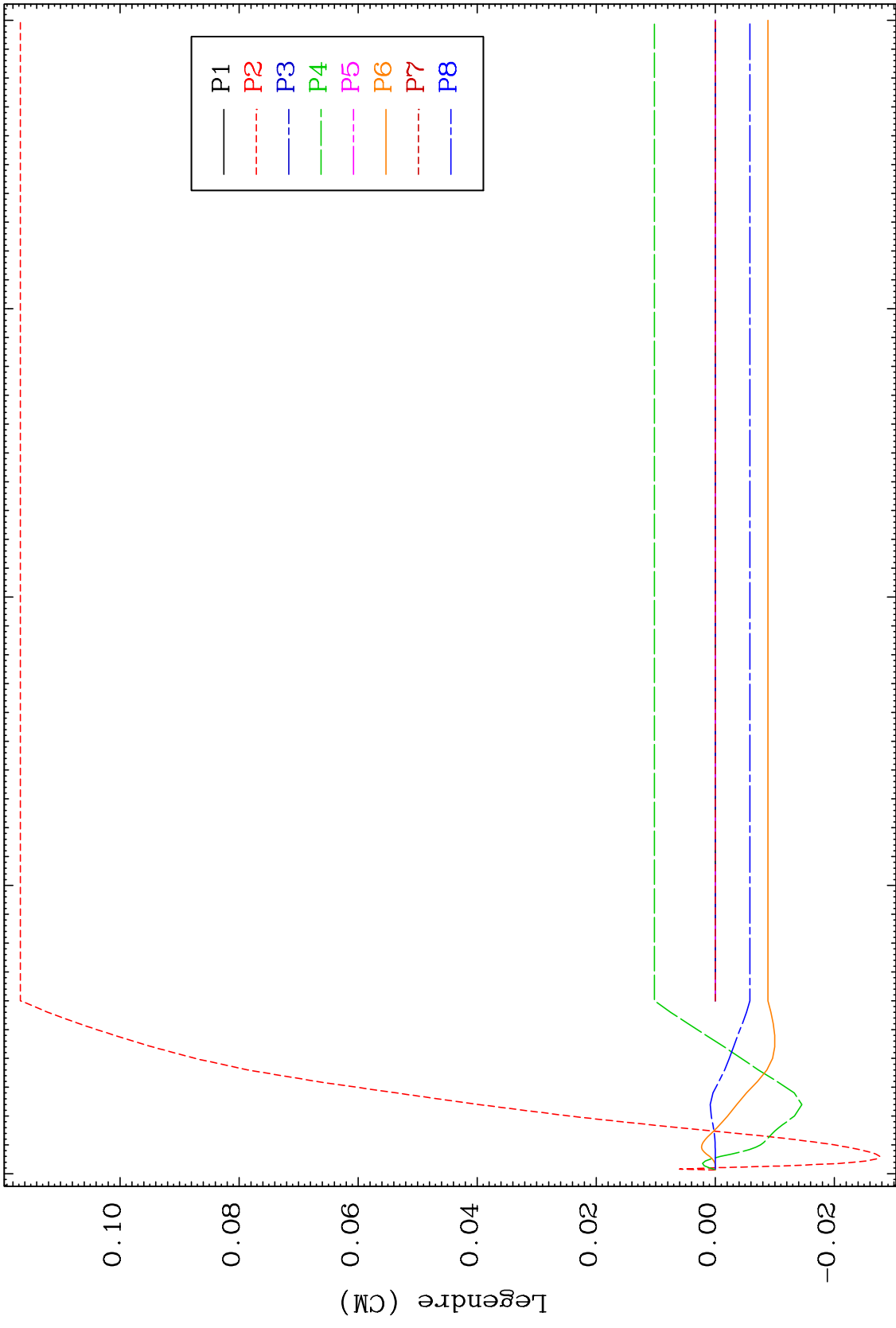


69

Incident Energy (MeV)

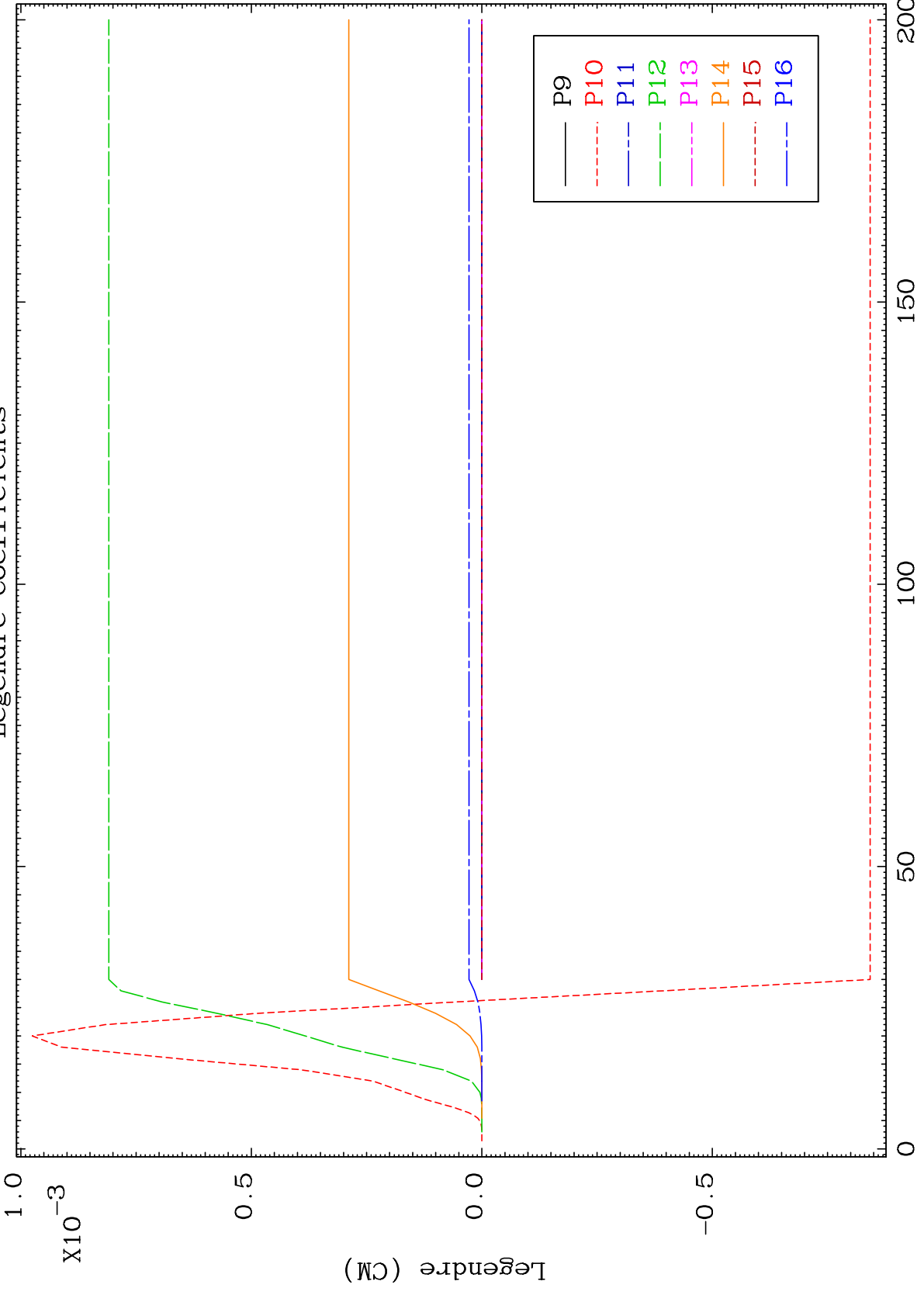
31-Ga-66

MAT 3116 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-66

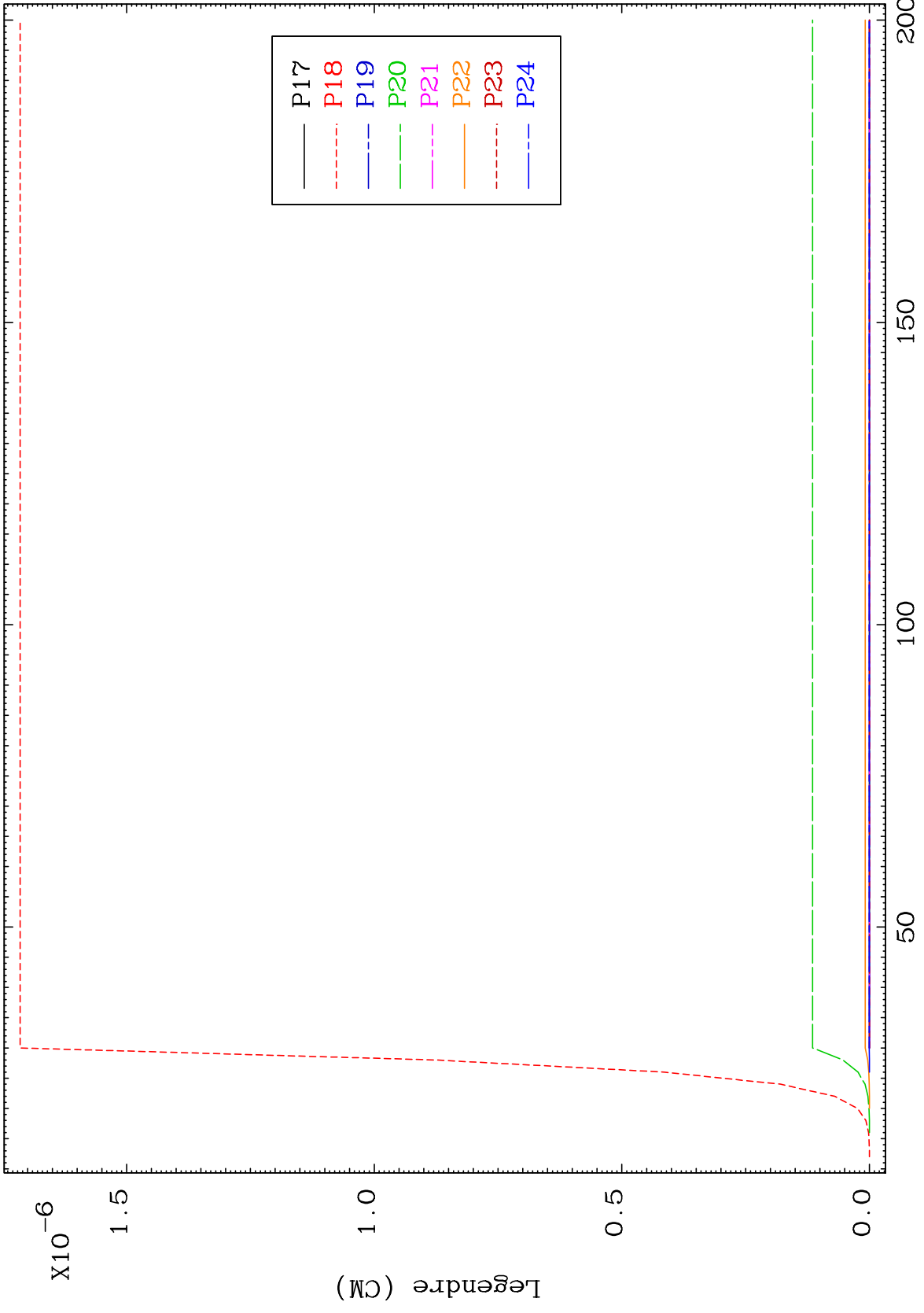


31-Ga-66

MAT 3116 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-66



MAT 3116 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-66

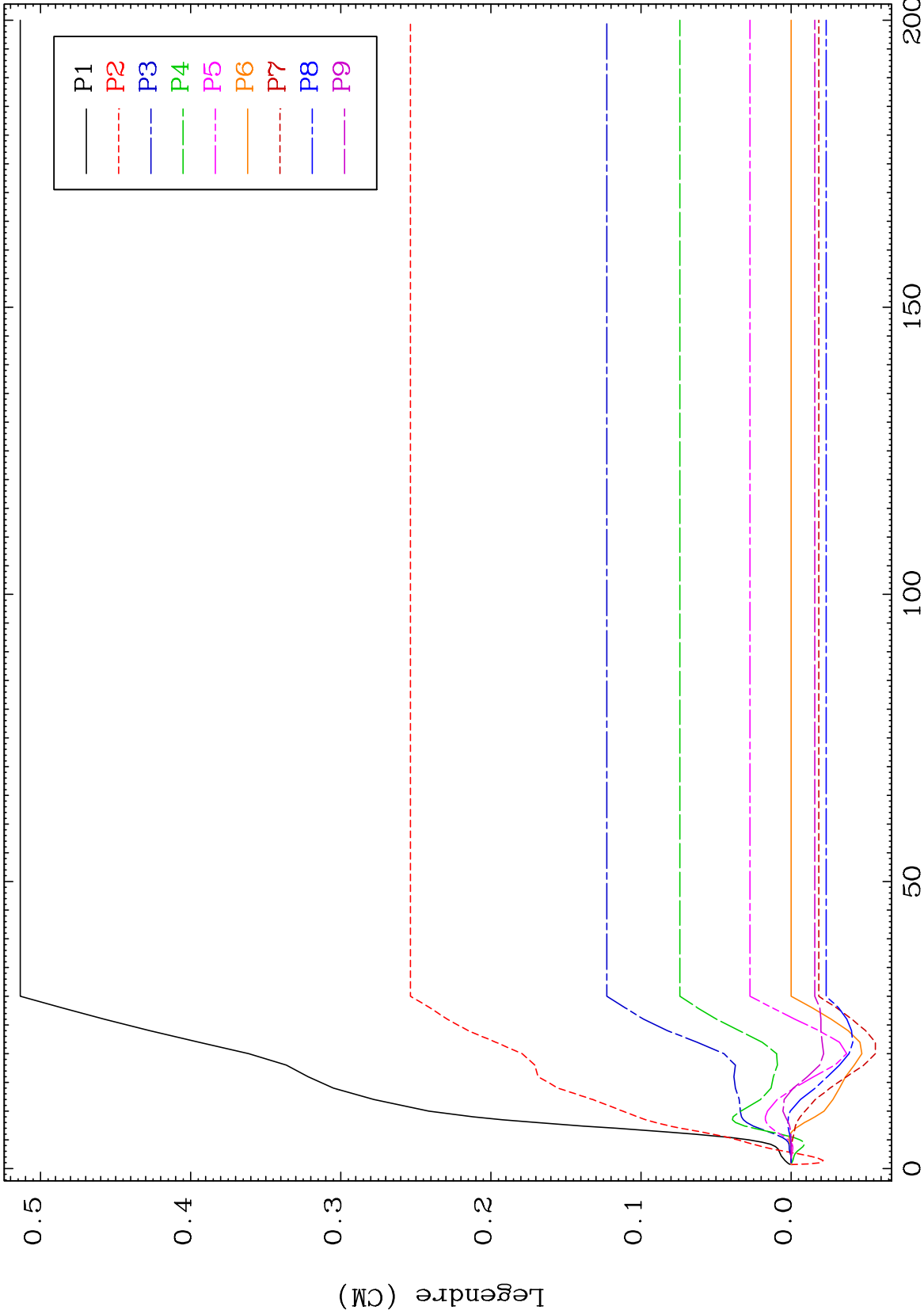


72 Incident Energy (MeV) 31-Ga-66

MAT 3116

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

31-Ga-66



73

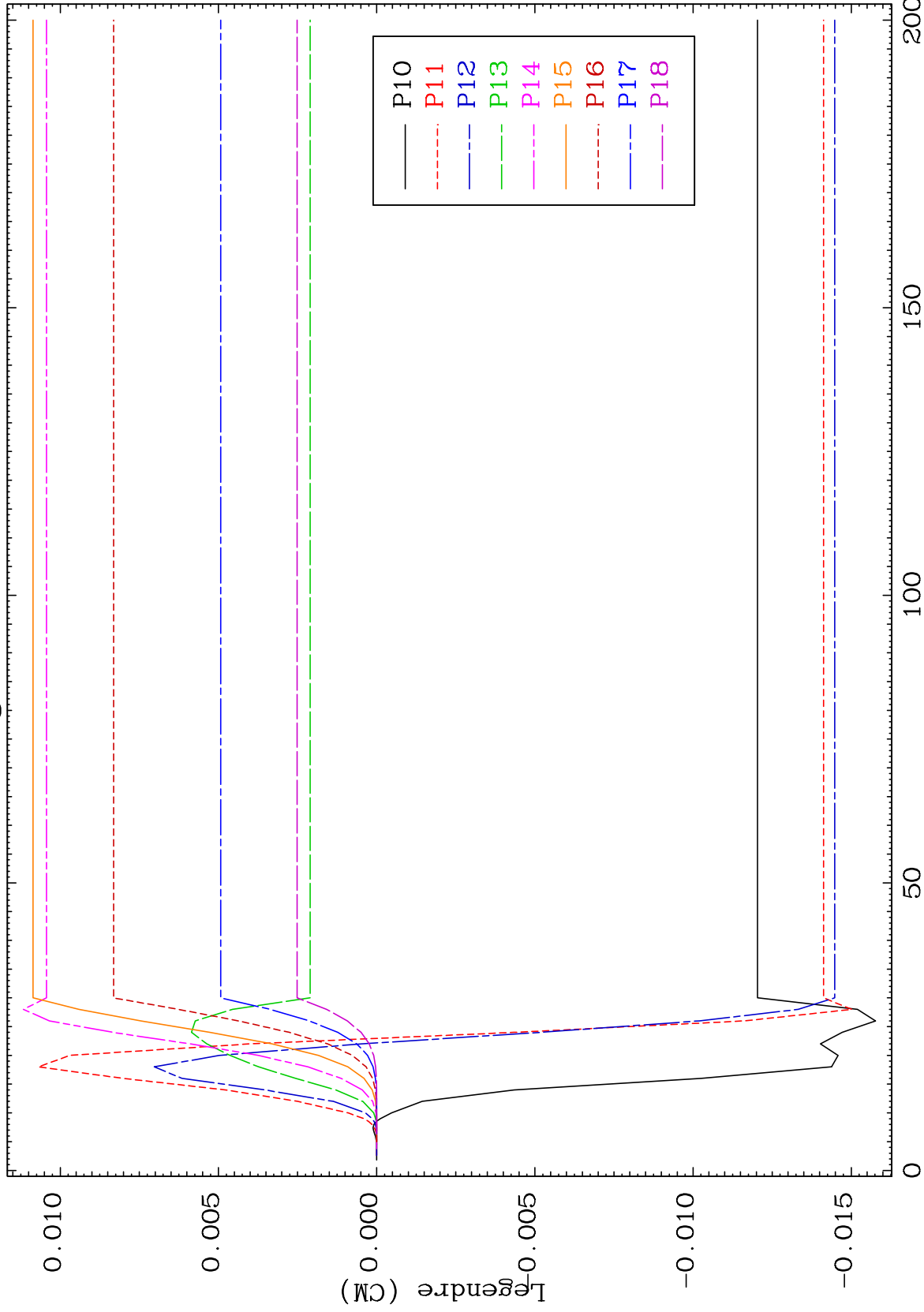
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



74

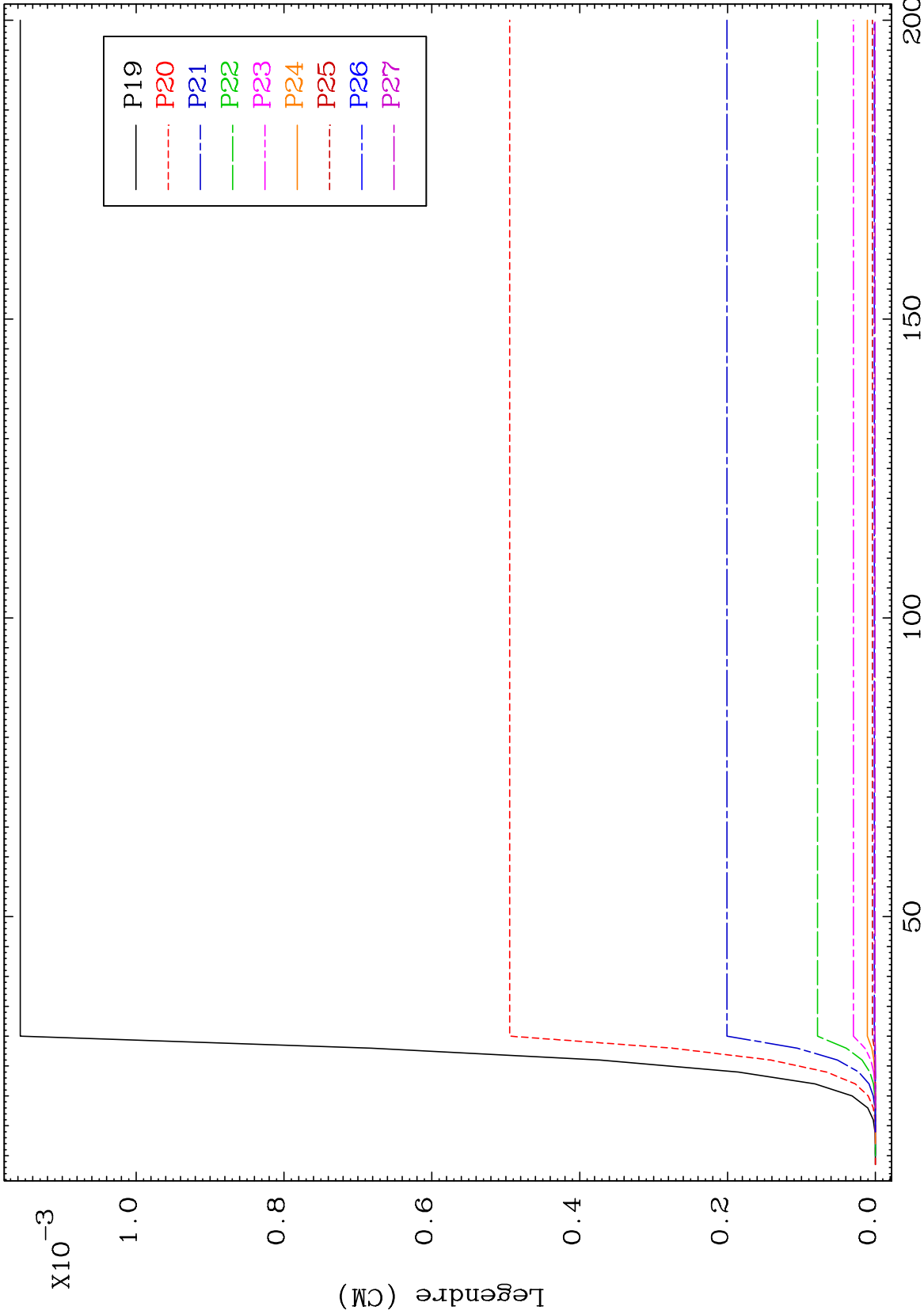
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



75

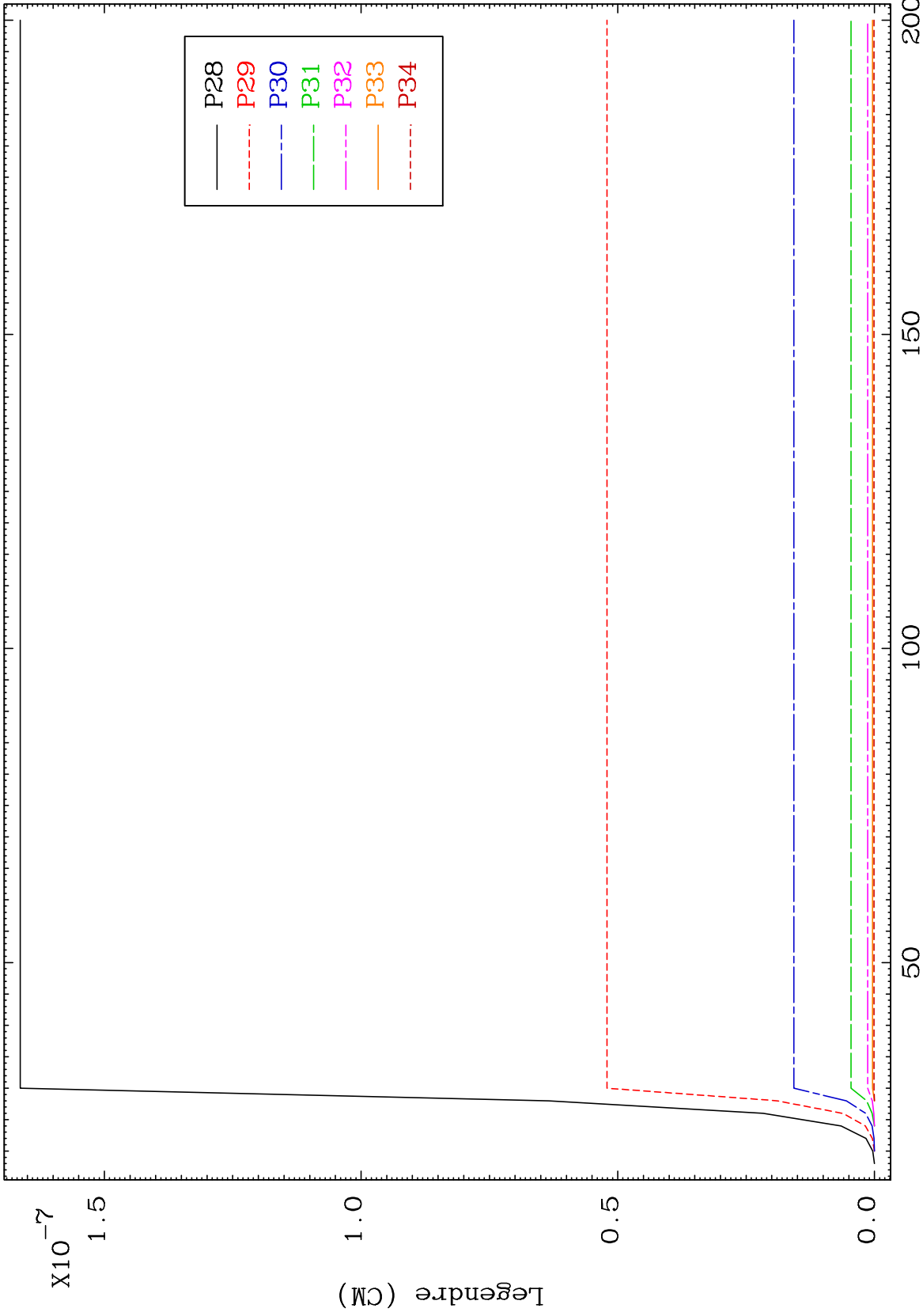
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

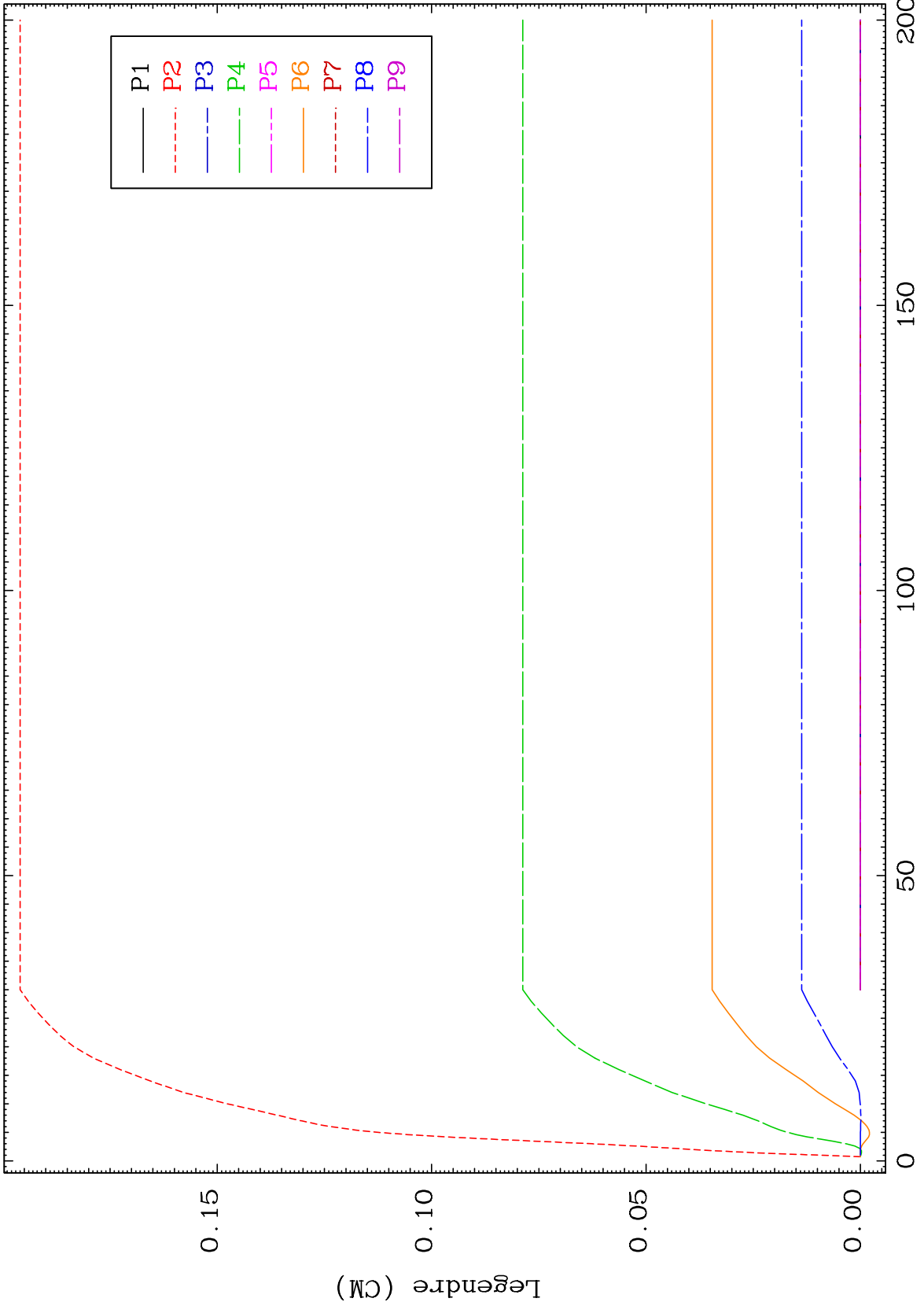


76

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-66

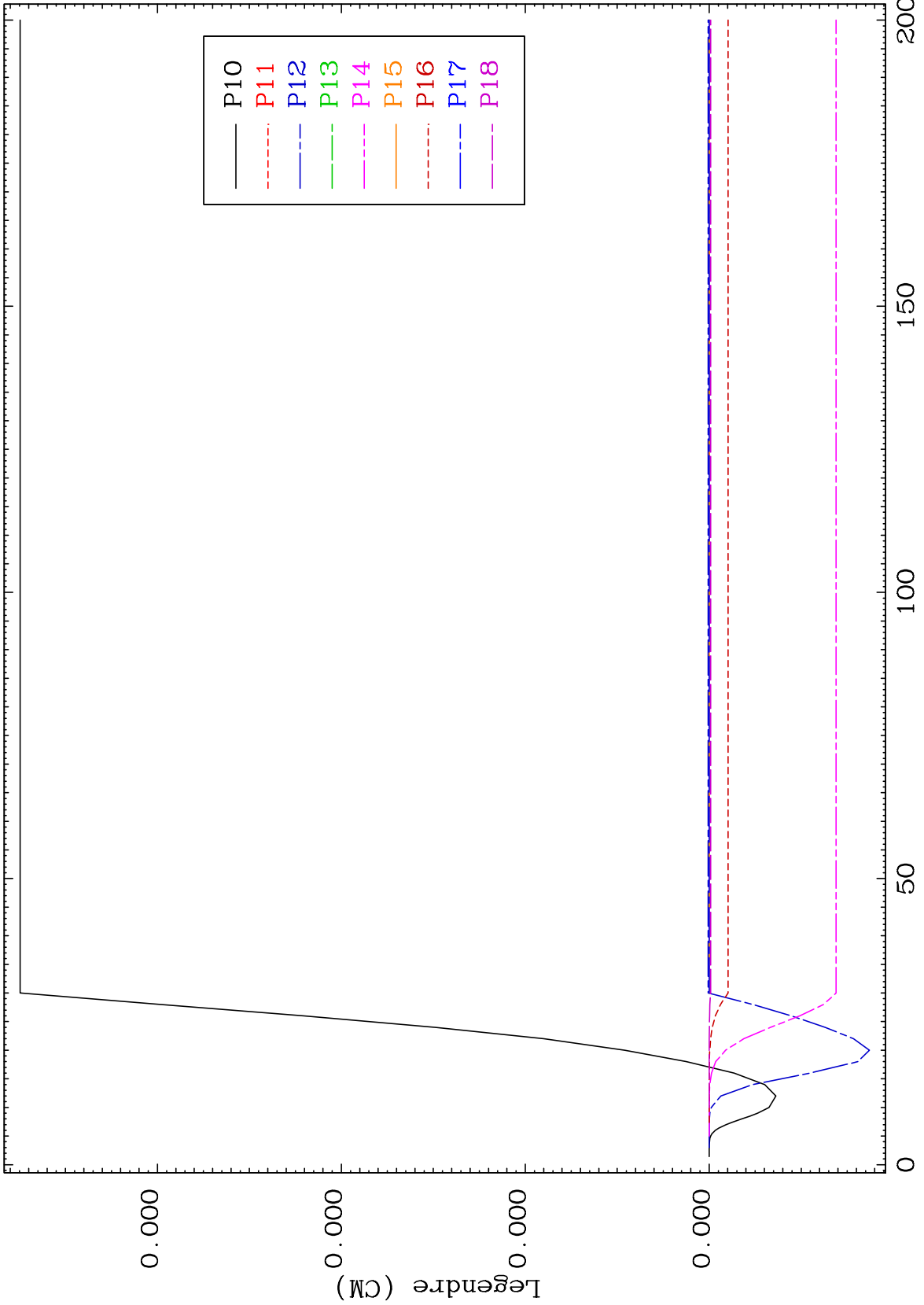


77 31-Ga-66

MAT 3116

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

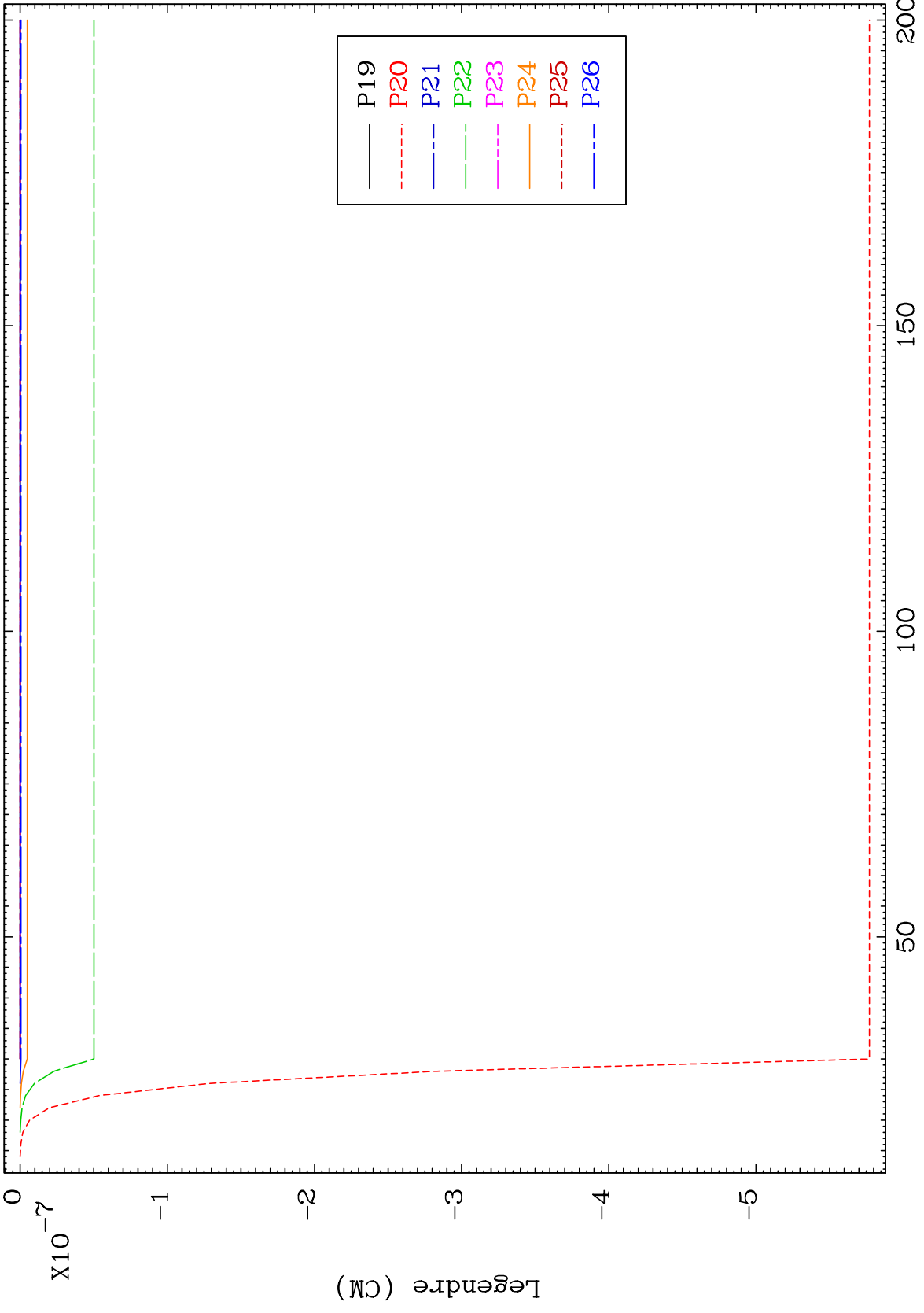
31-Ga-66



78

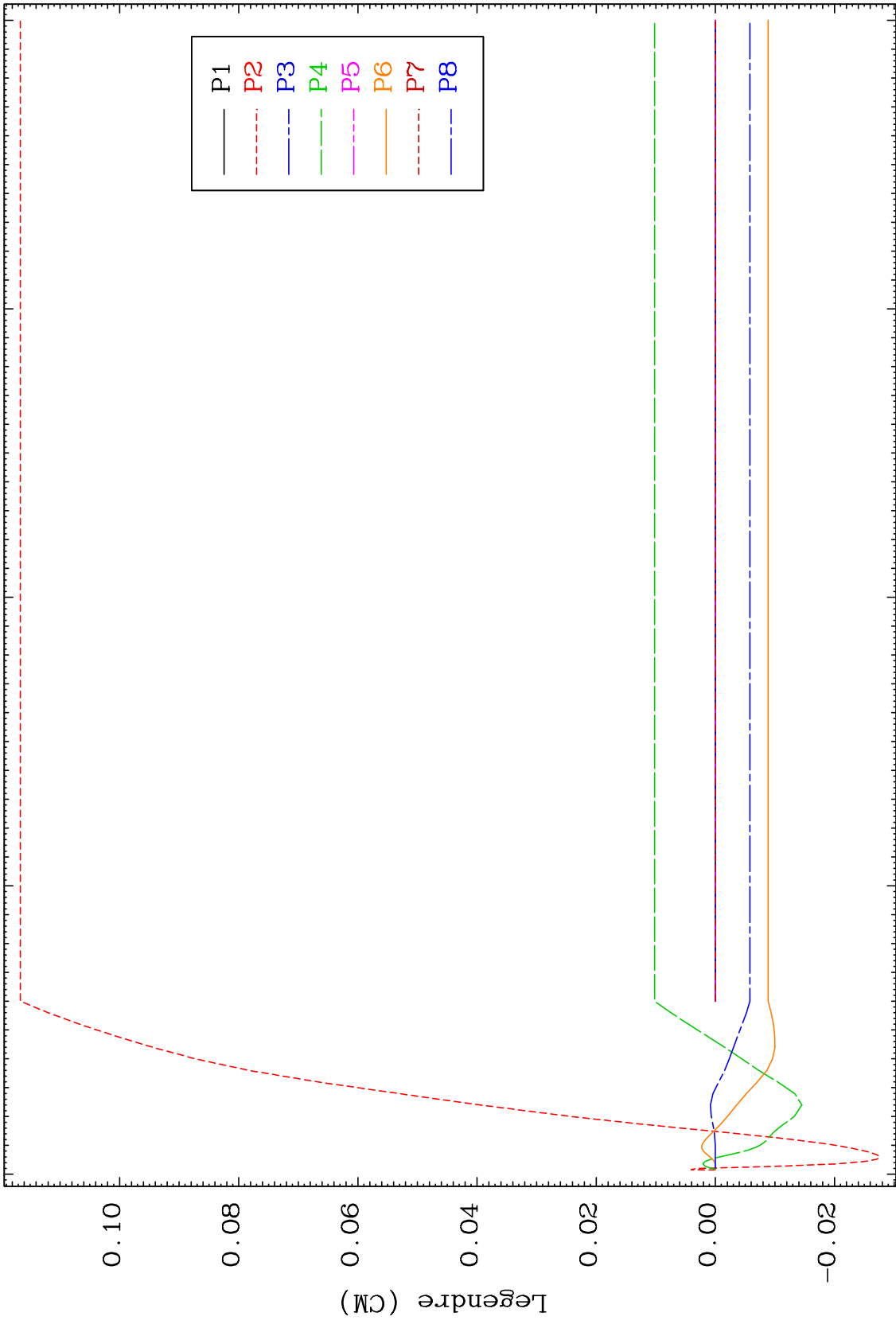
31-Ga-66

MAT 3116 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-66



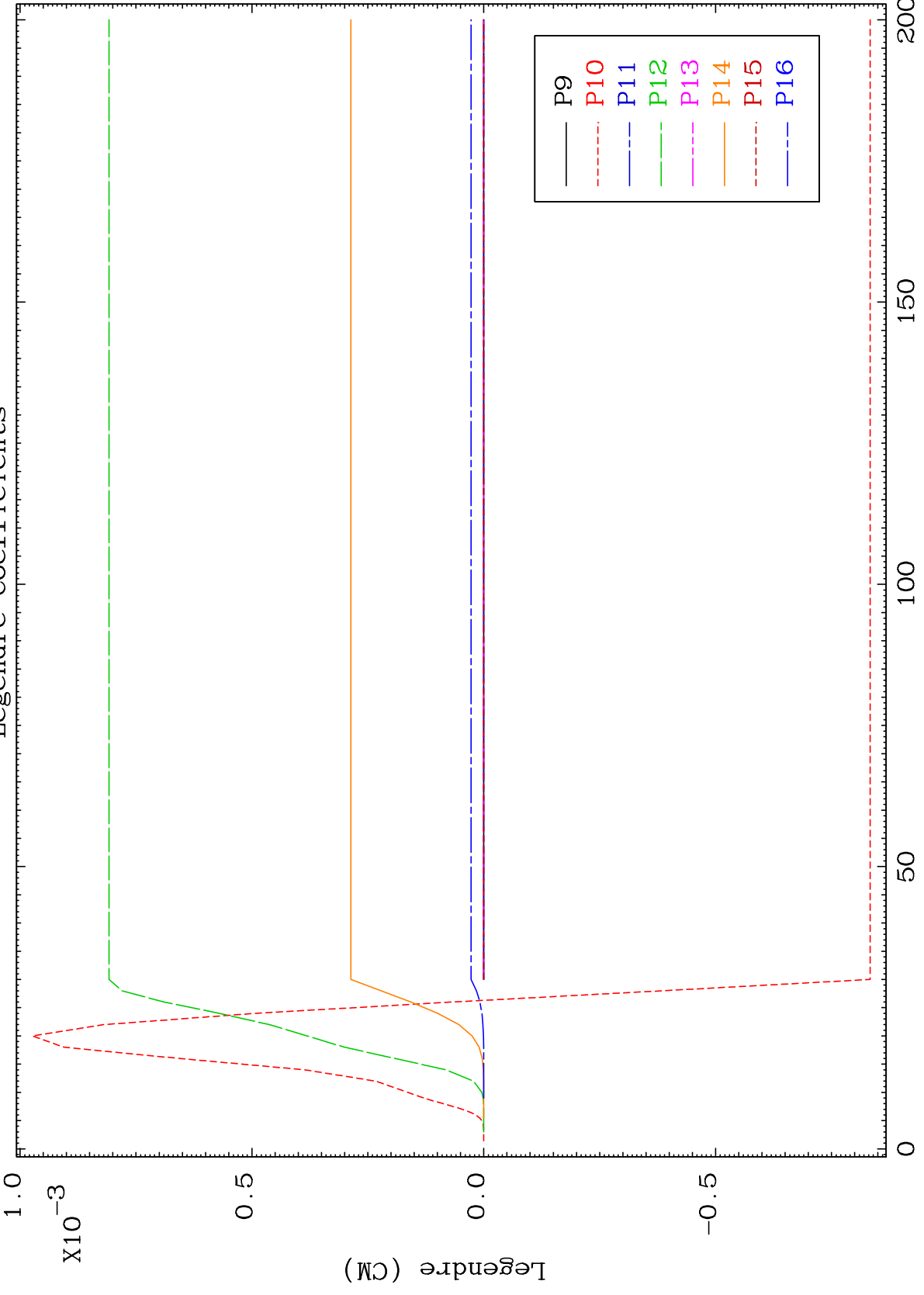
79 31-Ga-66

MAT 3116 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-66



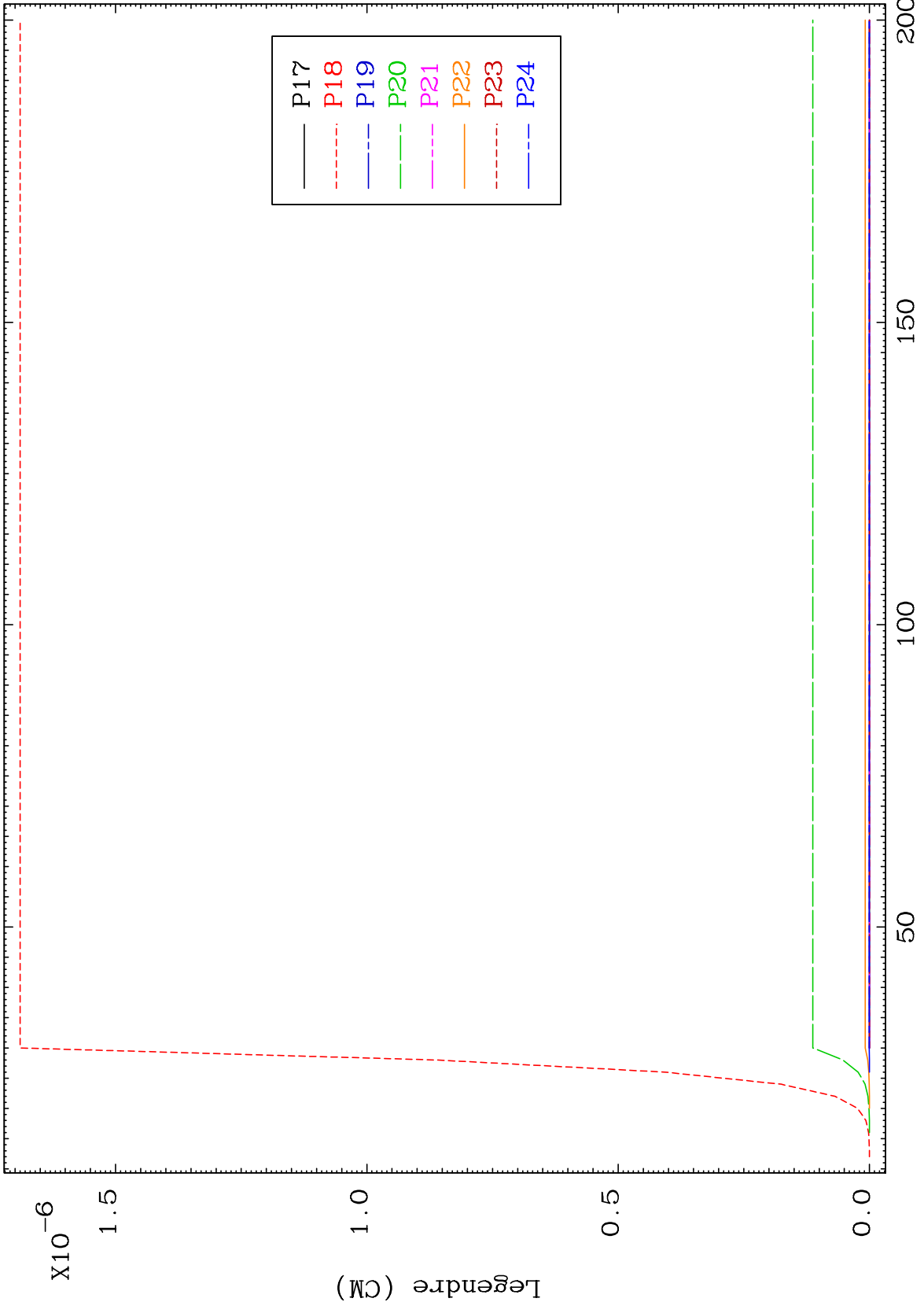
31-Ga-66

MAT 3116 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-66



81 31-Ga-66

MAT 3116 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-66

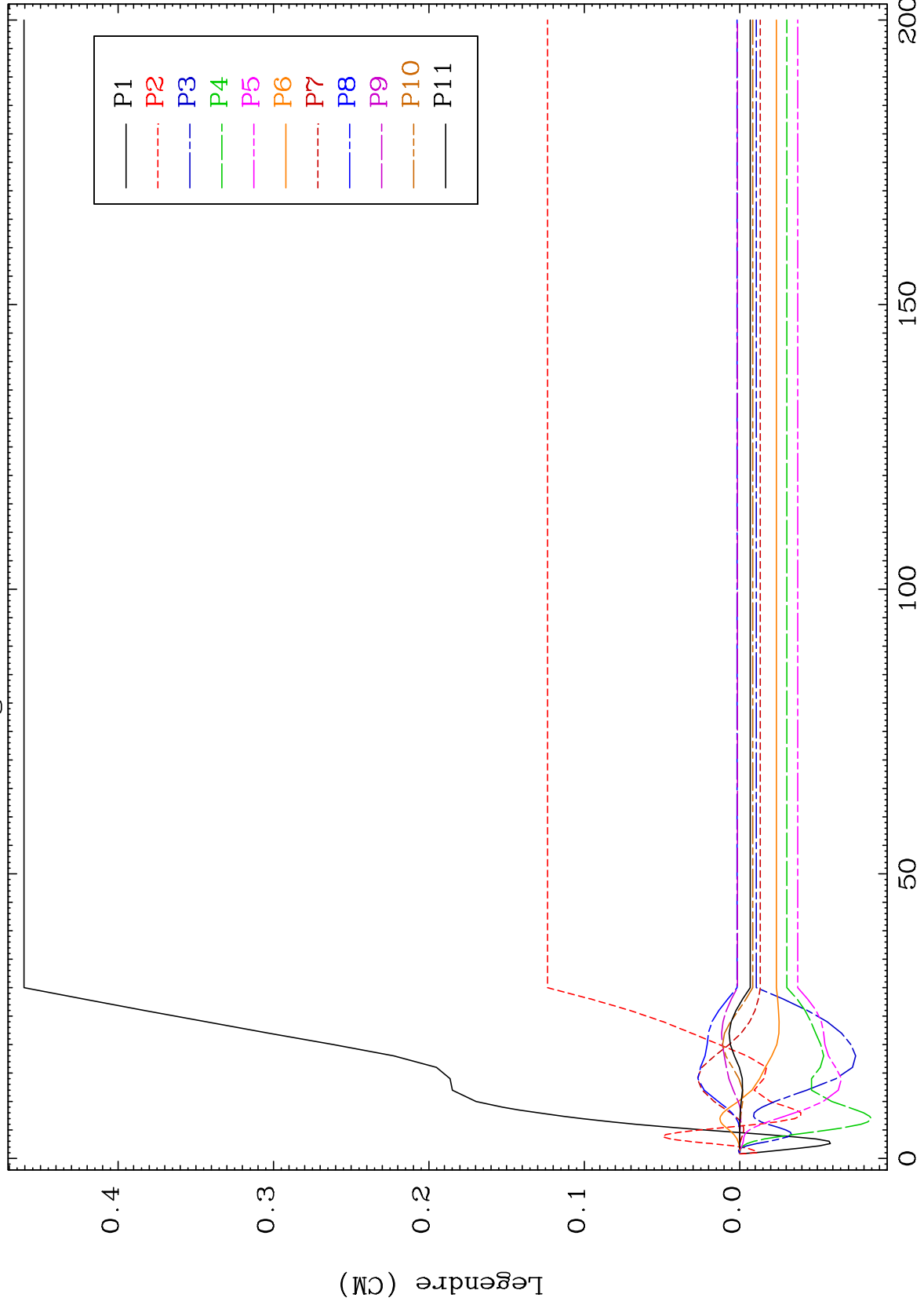


82 31-Ga-66

MAT 3116

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

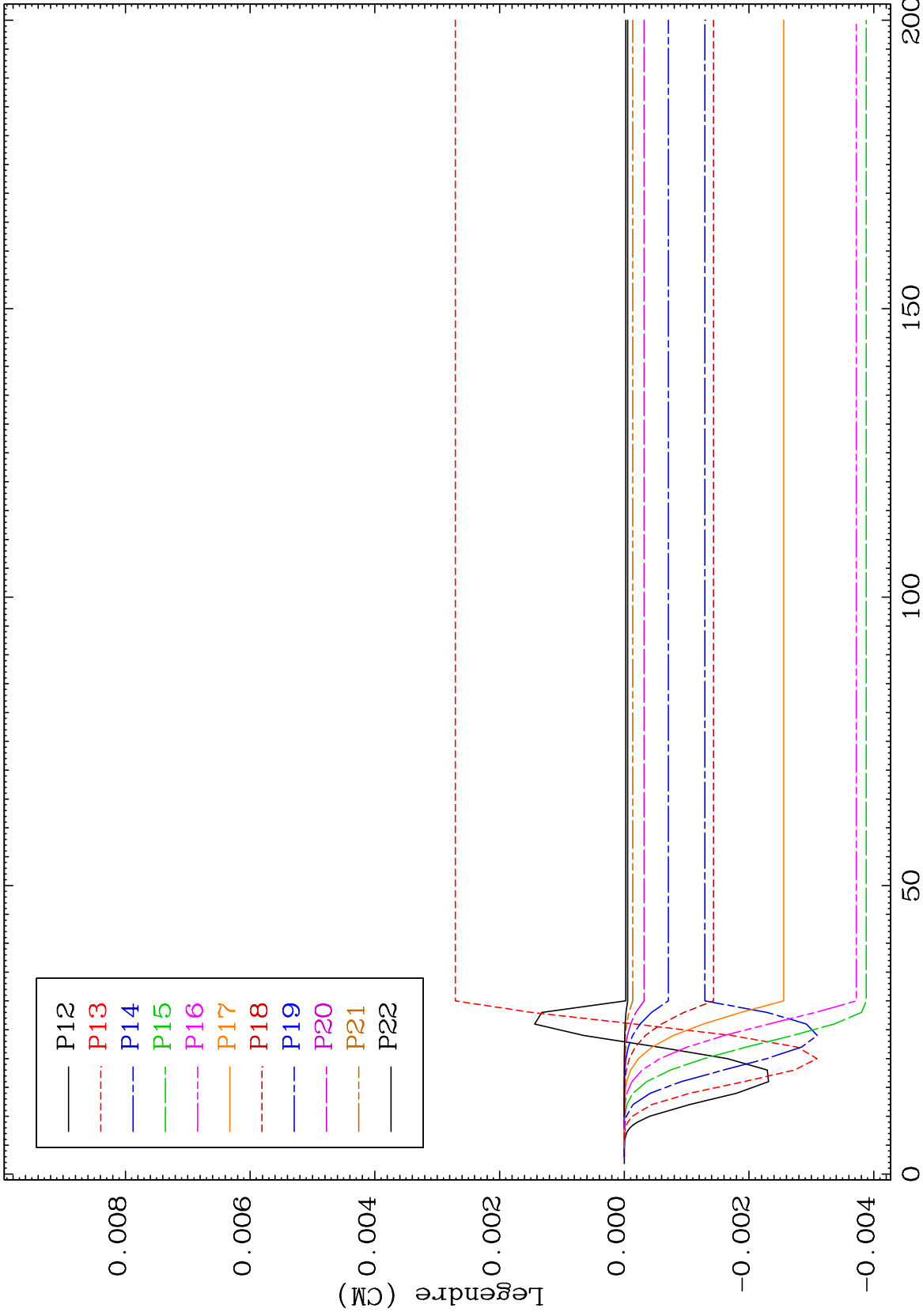
31-Ga-66



83

Incident Energy (MeV)

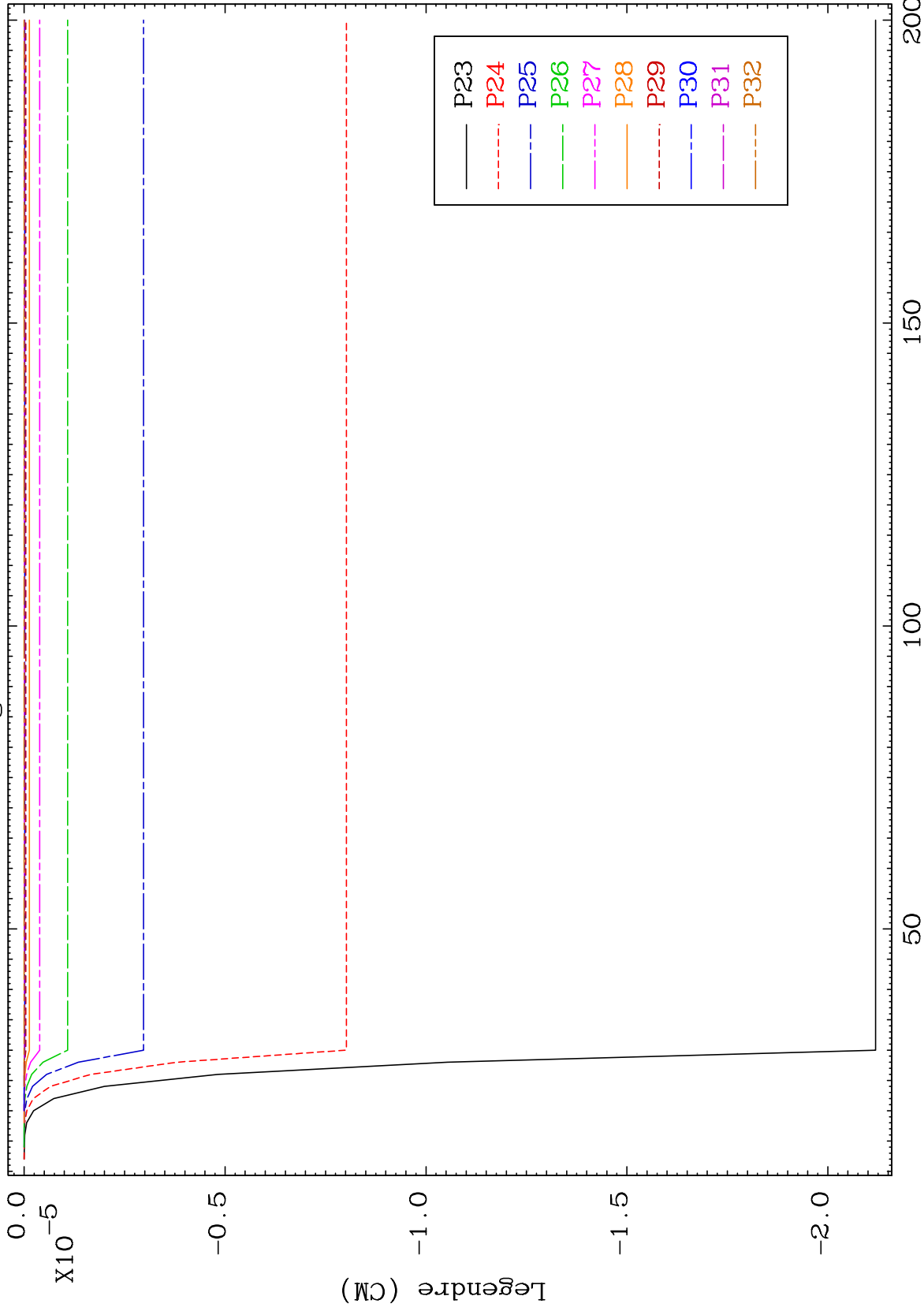
31-Ga-66



MAT 3116

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

31-Ga-66



85

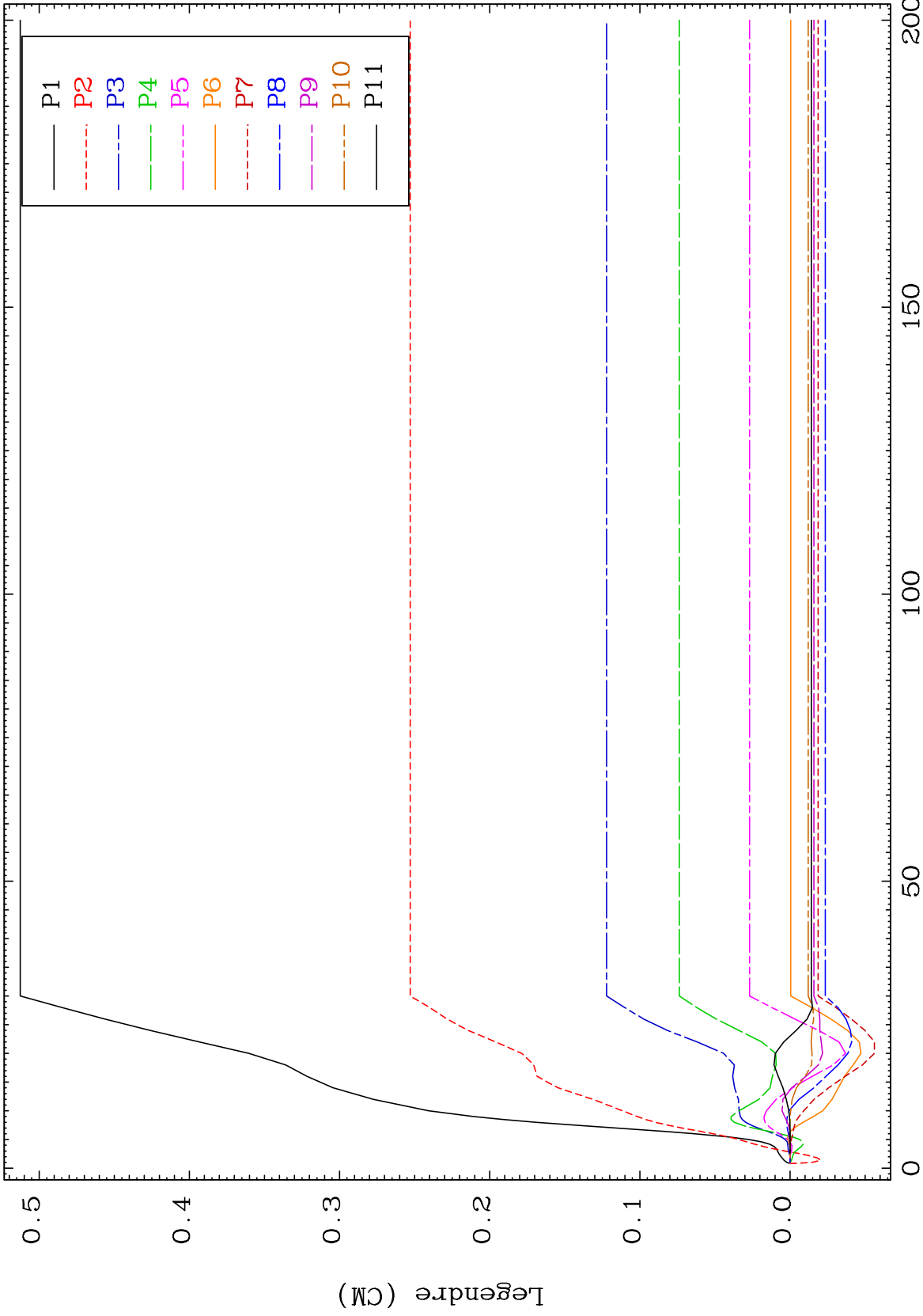
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



86

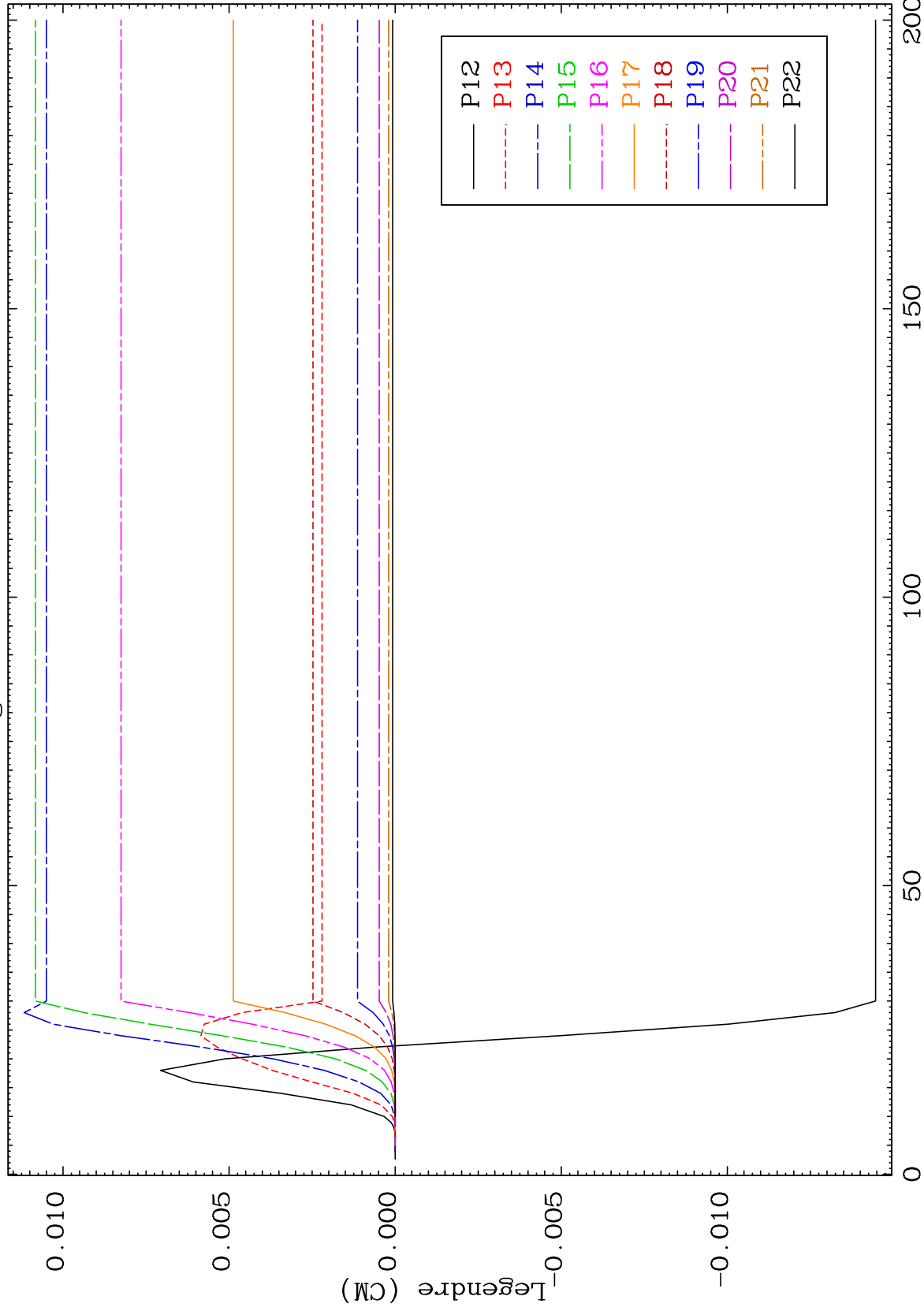
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



87

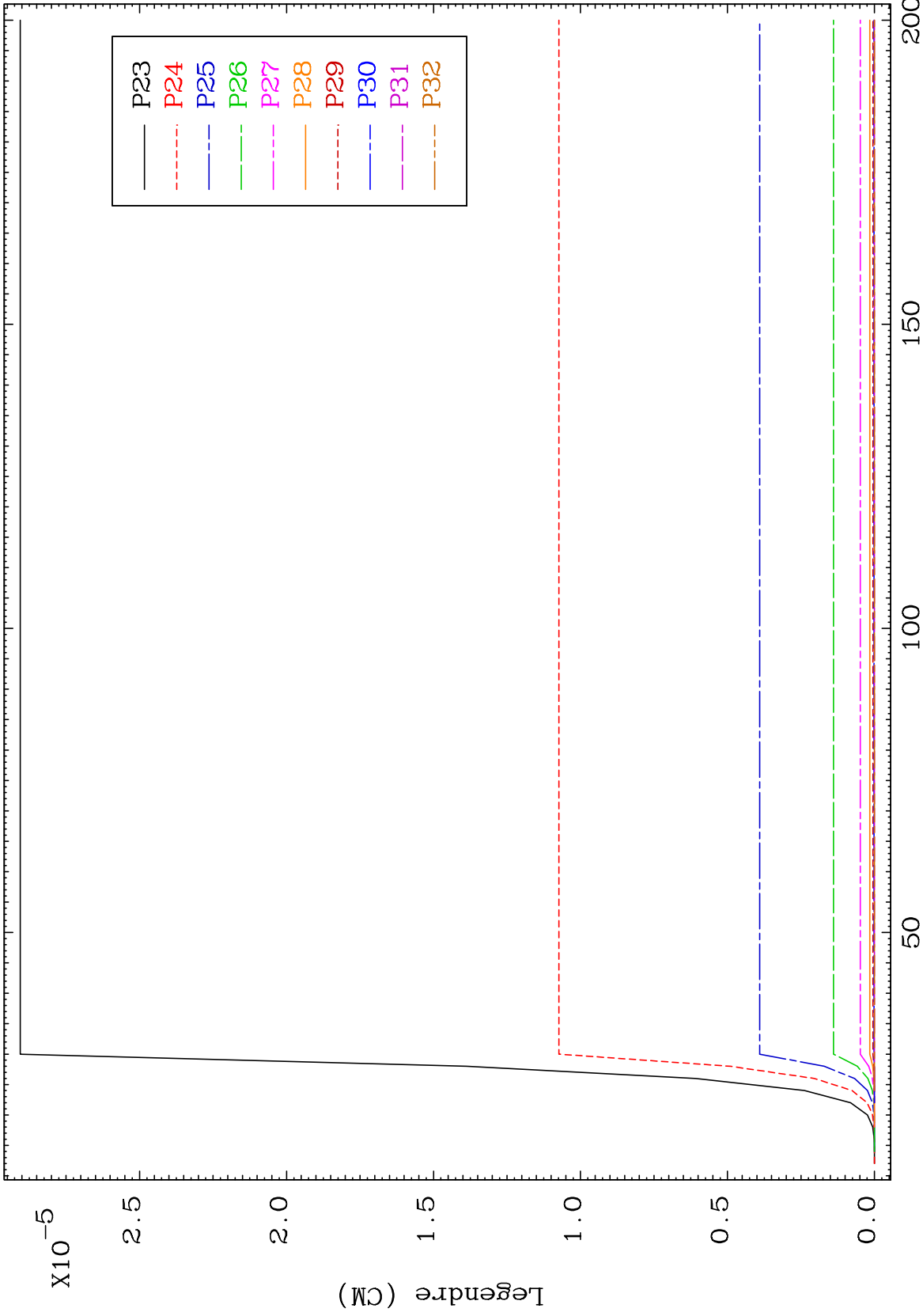
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

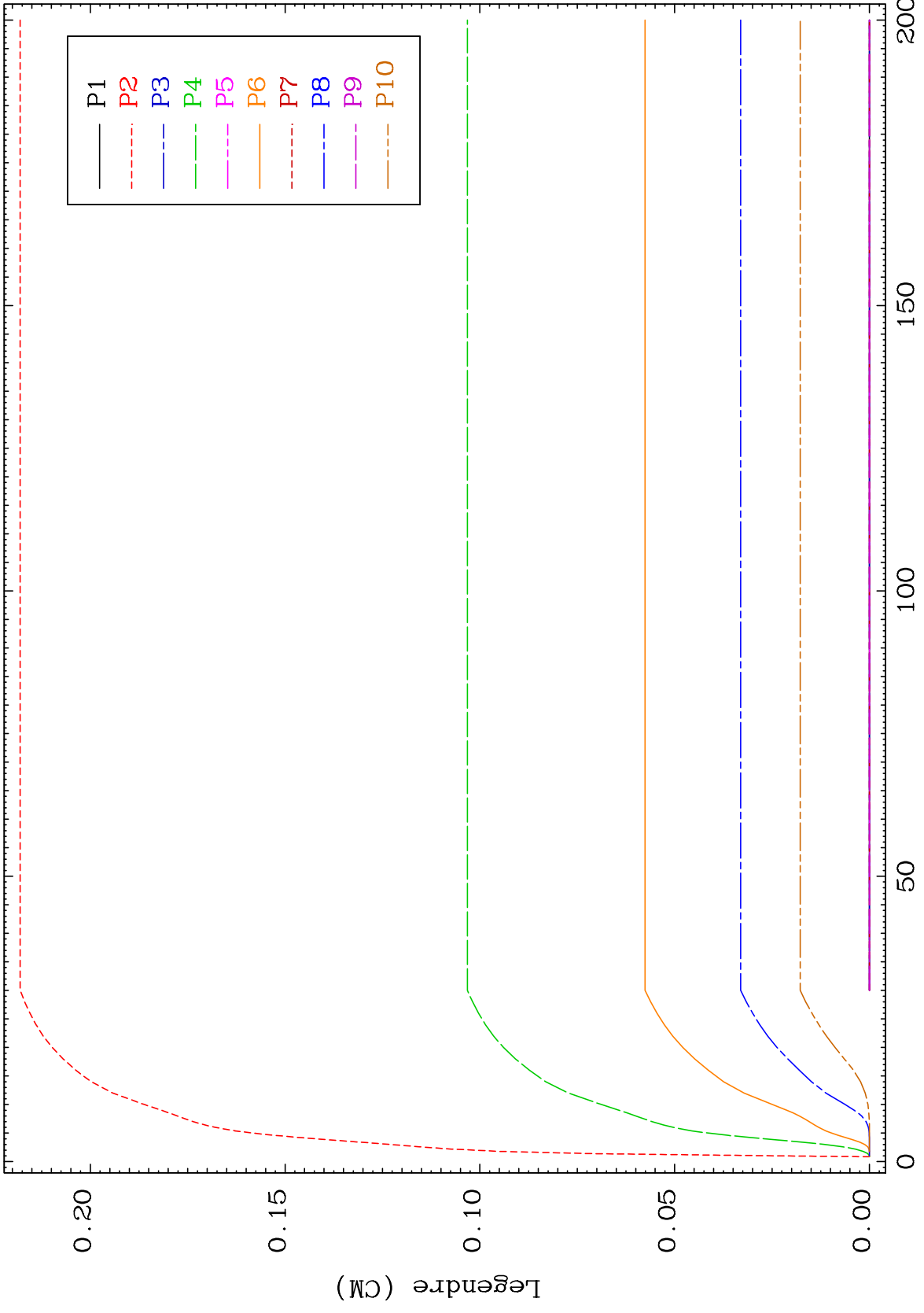


88

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 72 (n,n') Level Legendre Coefficients 31-Ga-66

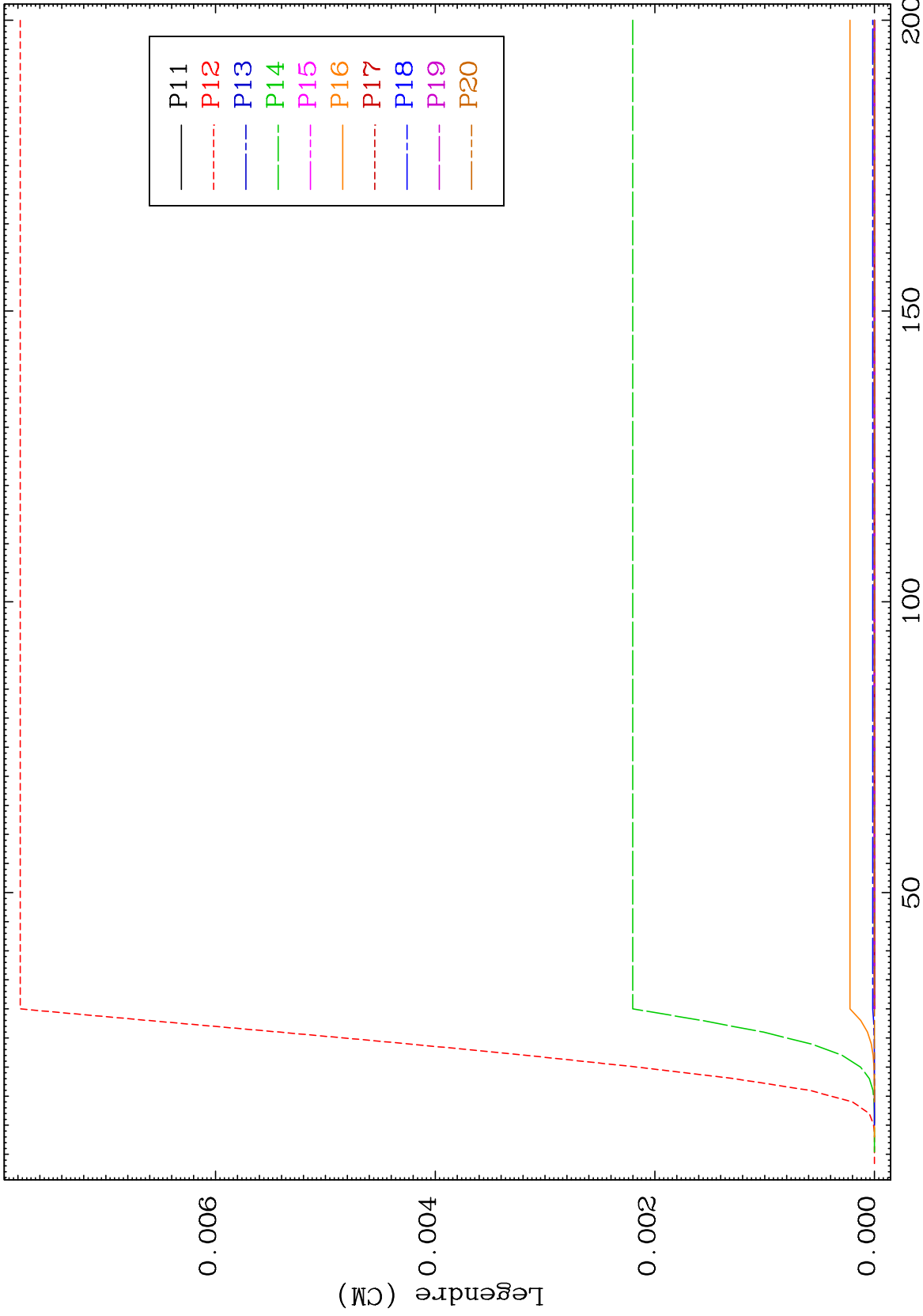


89 31-Ga-66

MAT 3116

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

31-Ga-66

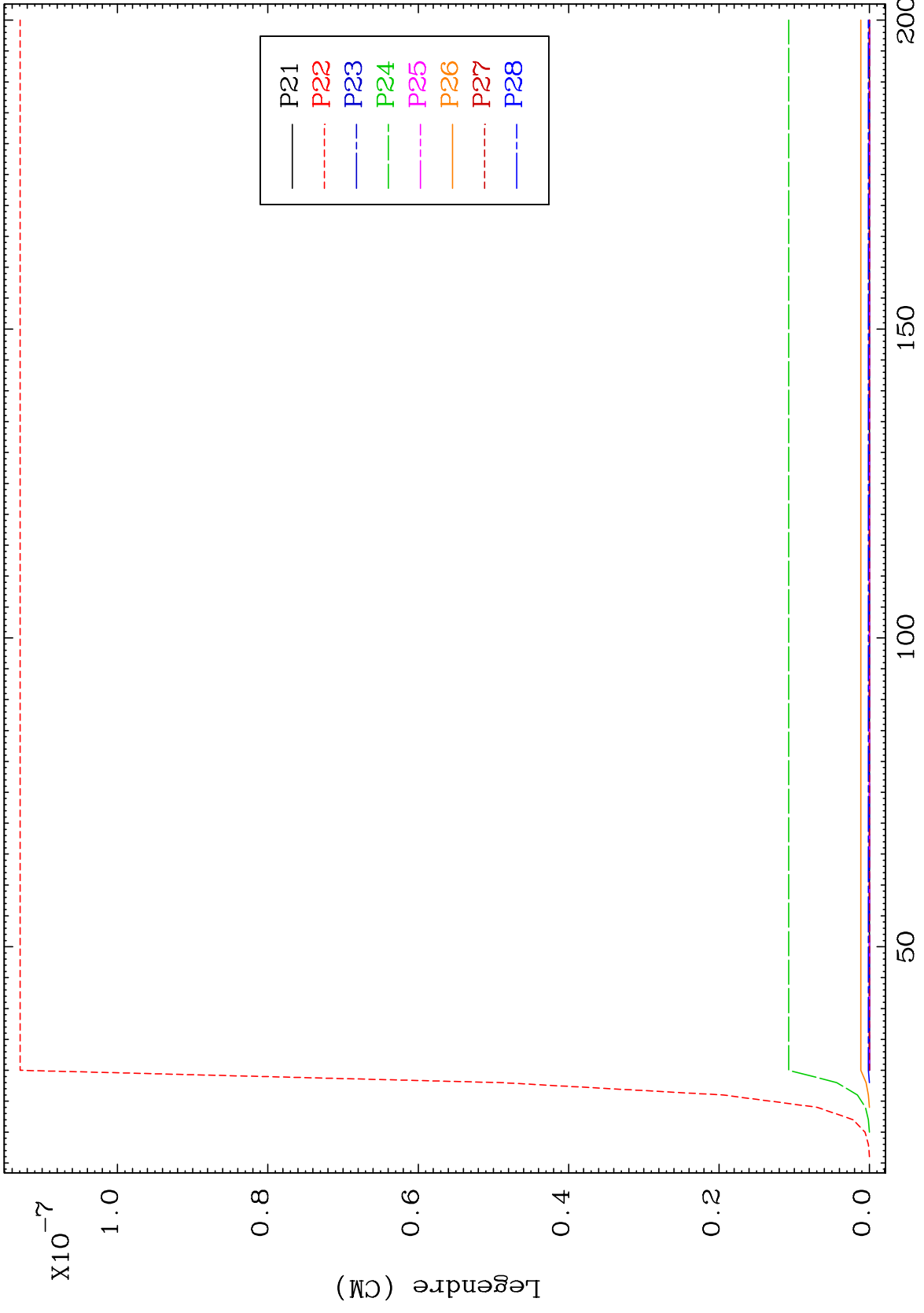


90

Incident Energy (MeV)

31-Ga-66

MAT 3116 MT= 72 (n,n') Level Legendre Coefficients 31-Ga-66

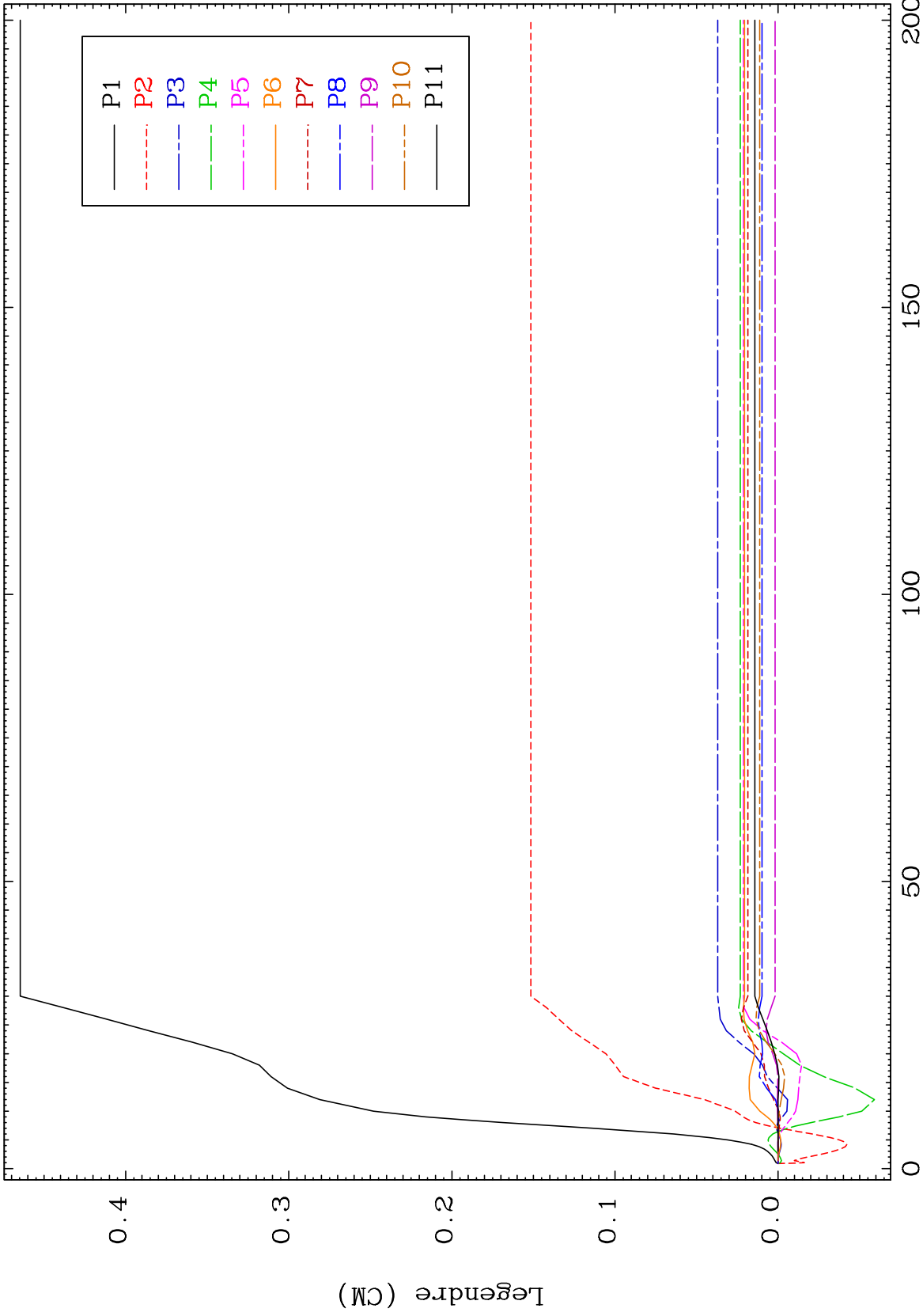


91 31-Ga-66

MAT 3116

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

31-Ga-66



92

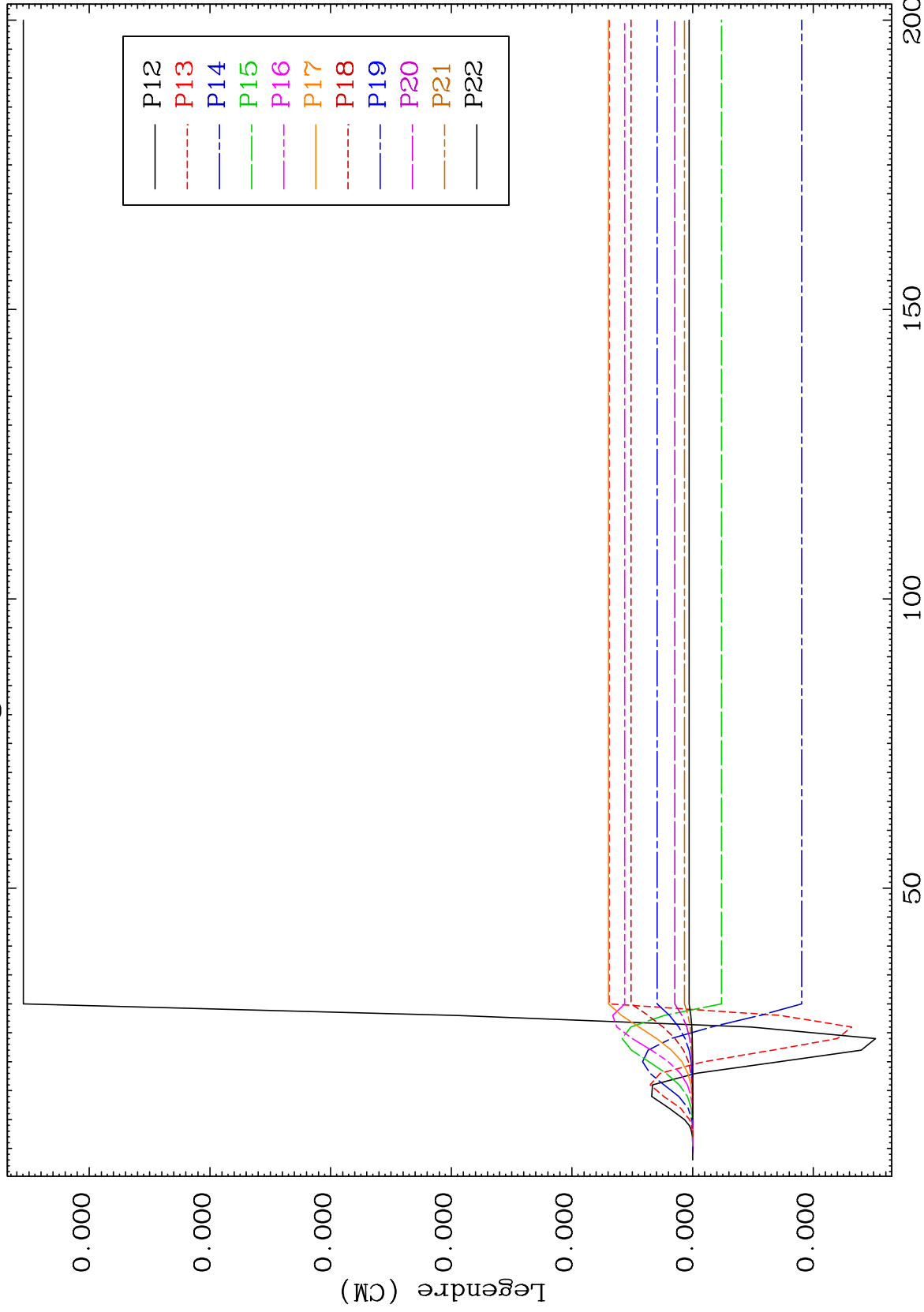
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



93

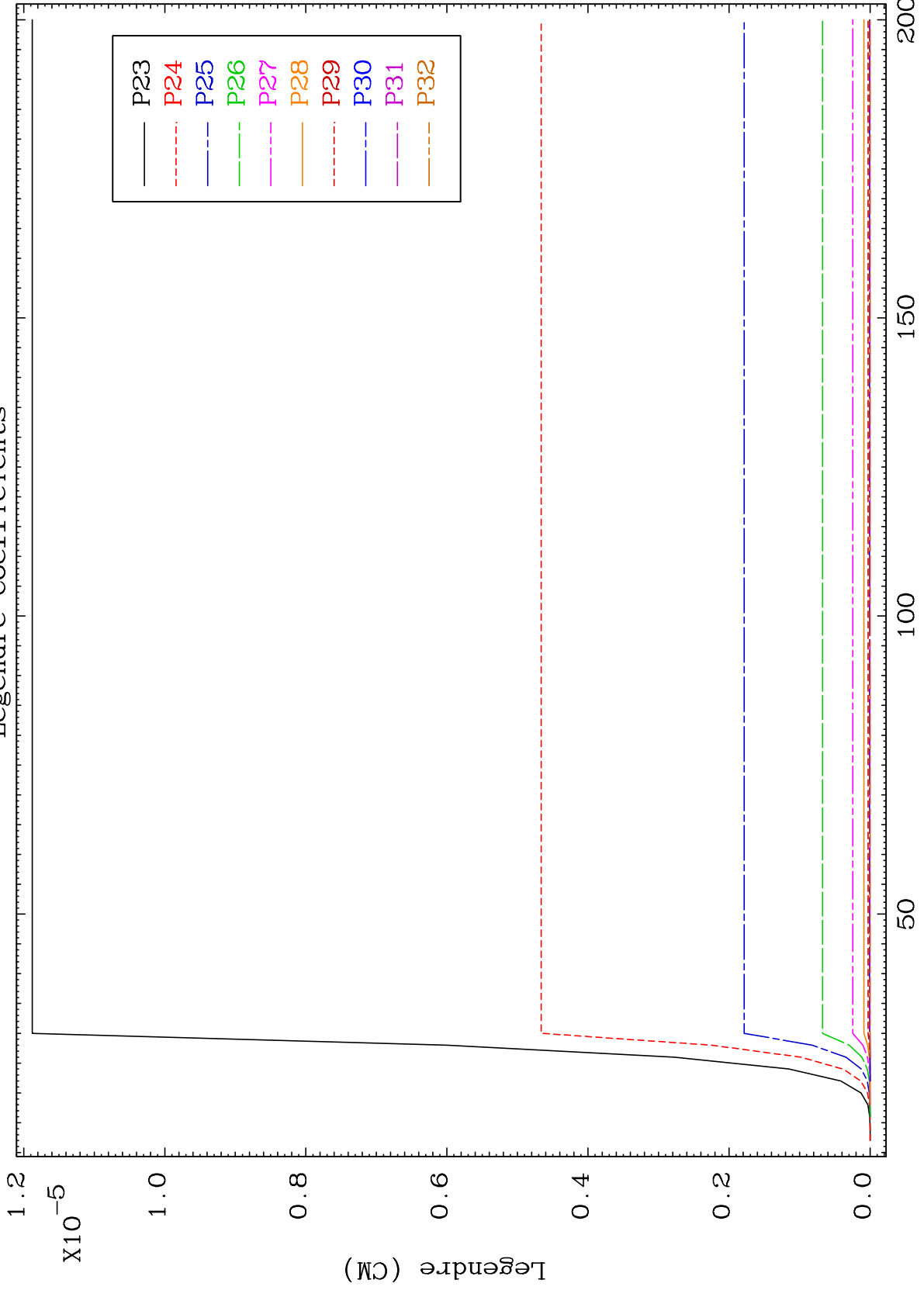
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



94

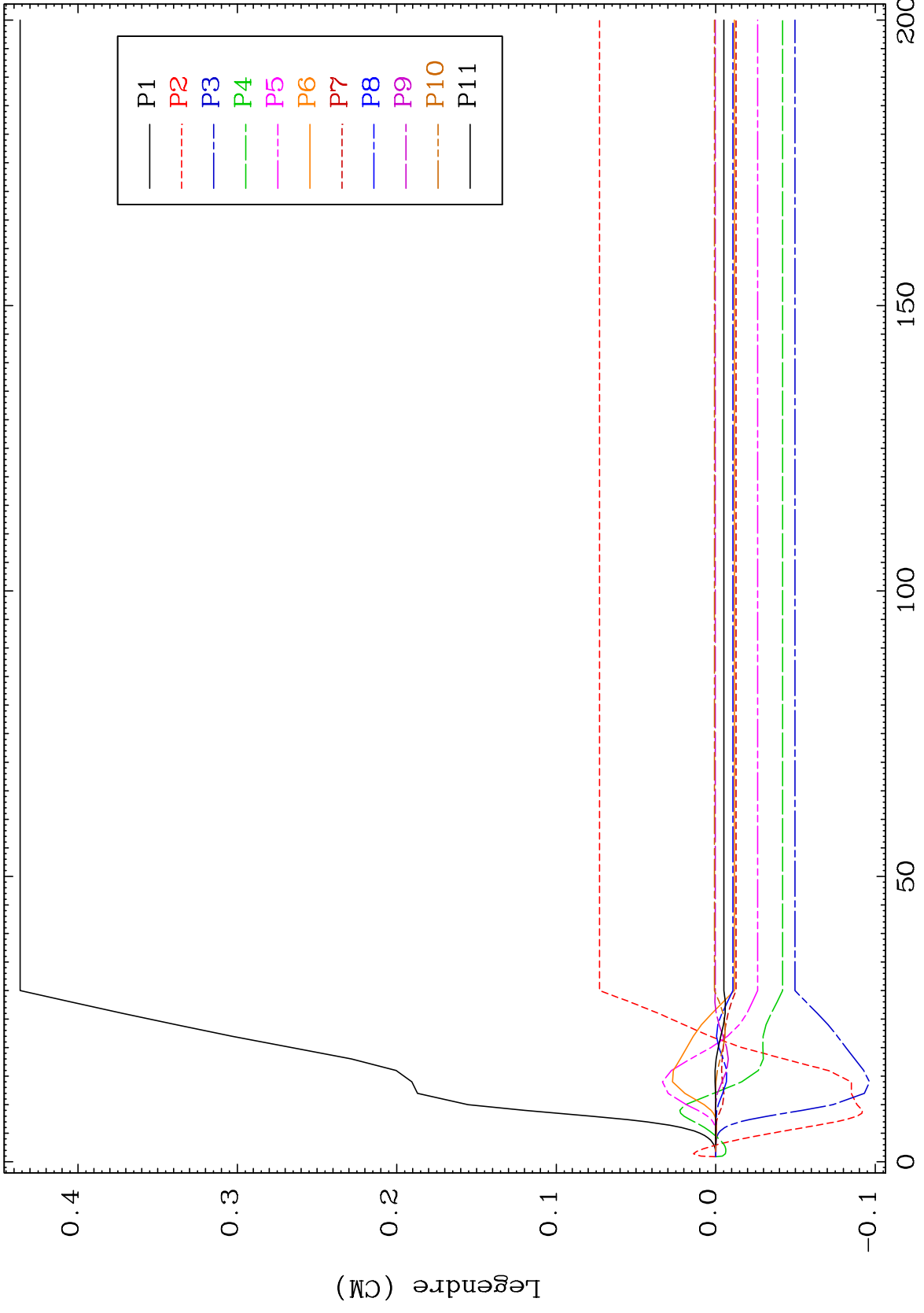
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



95

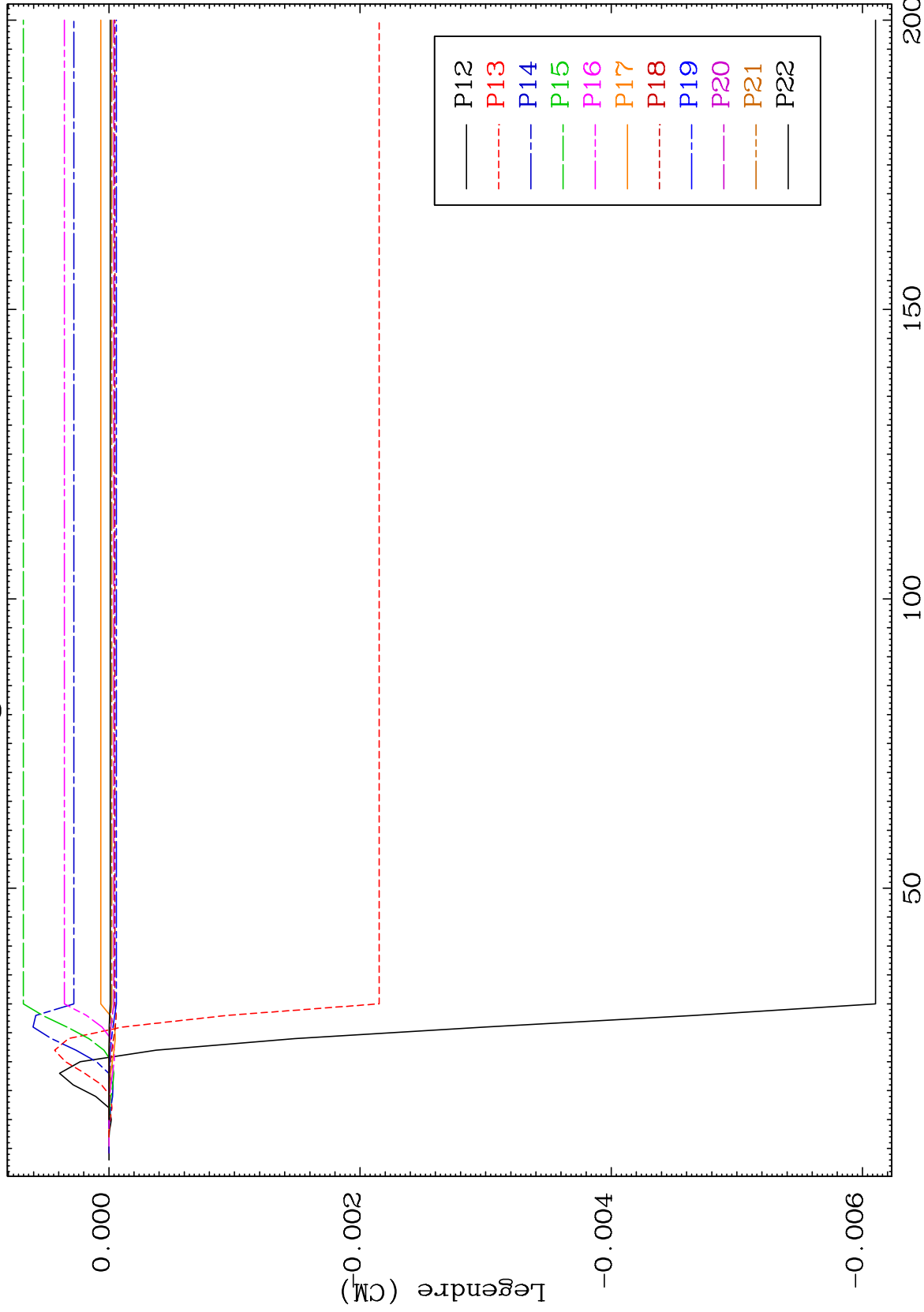
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



96

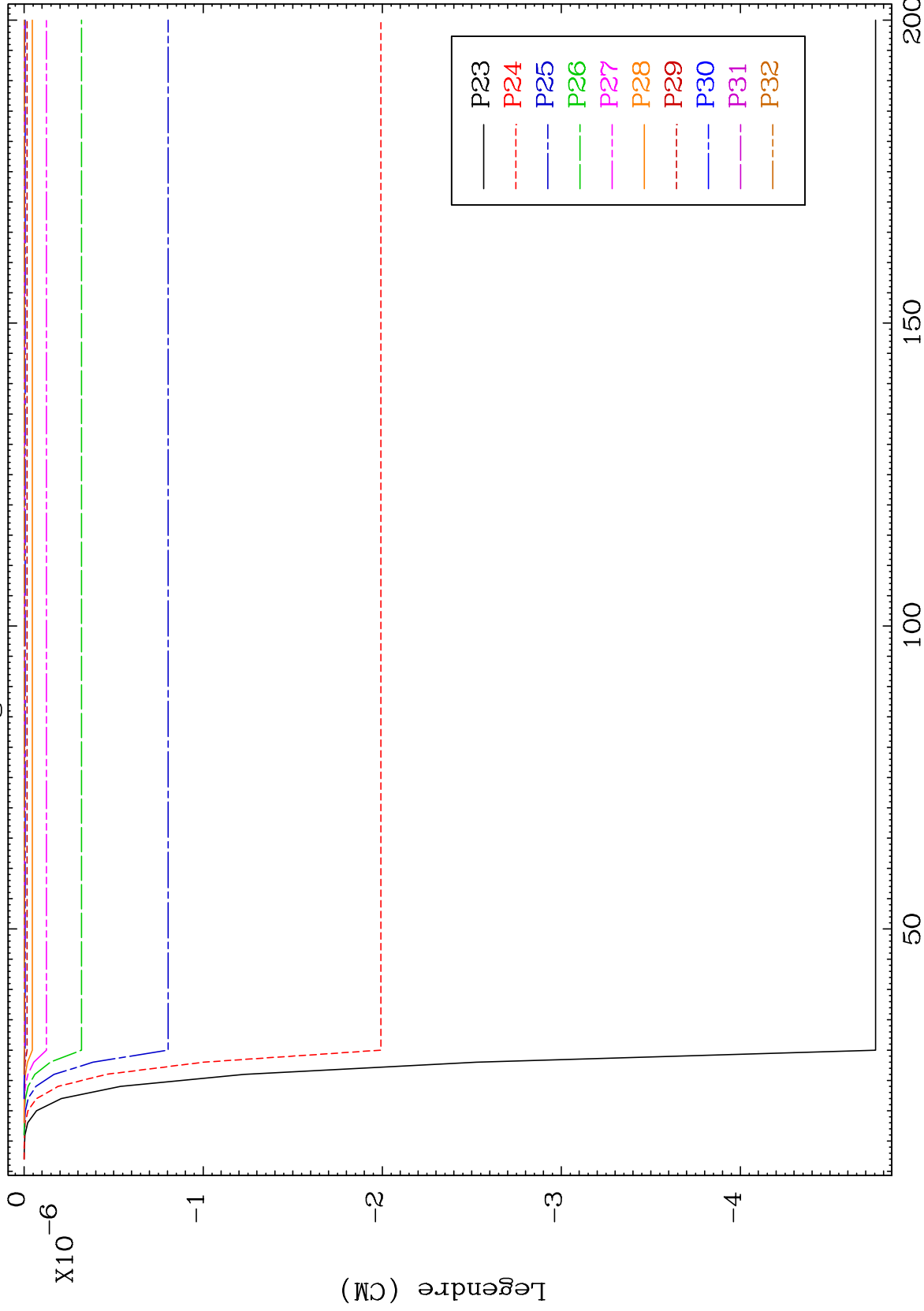
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66

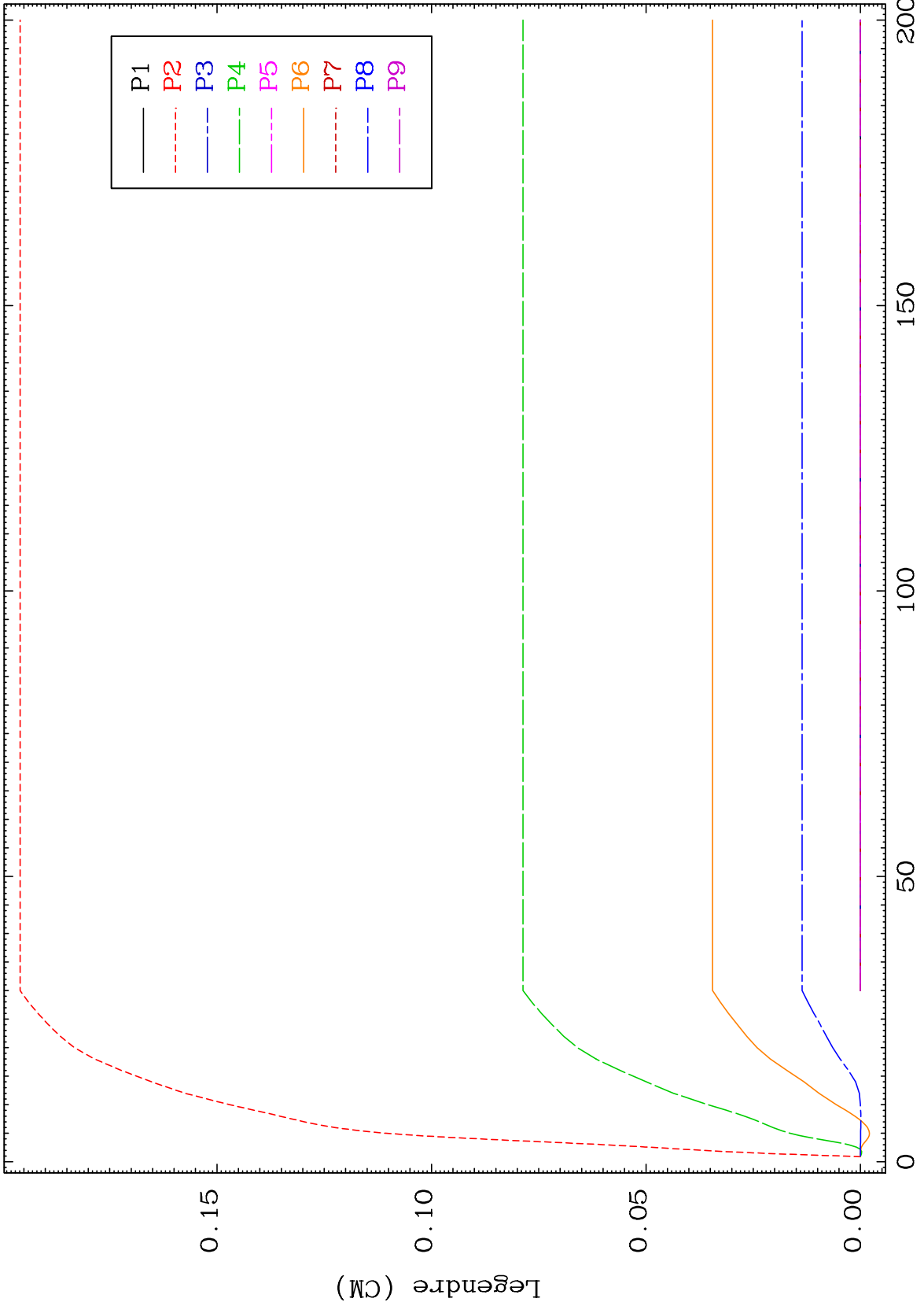


31-Ga-66

Incident Energy (MeV)

97

MAT 3116 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-66

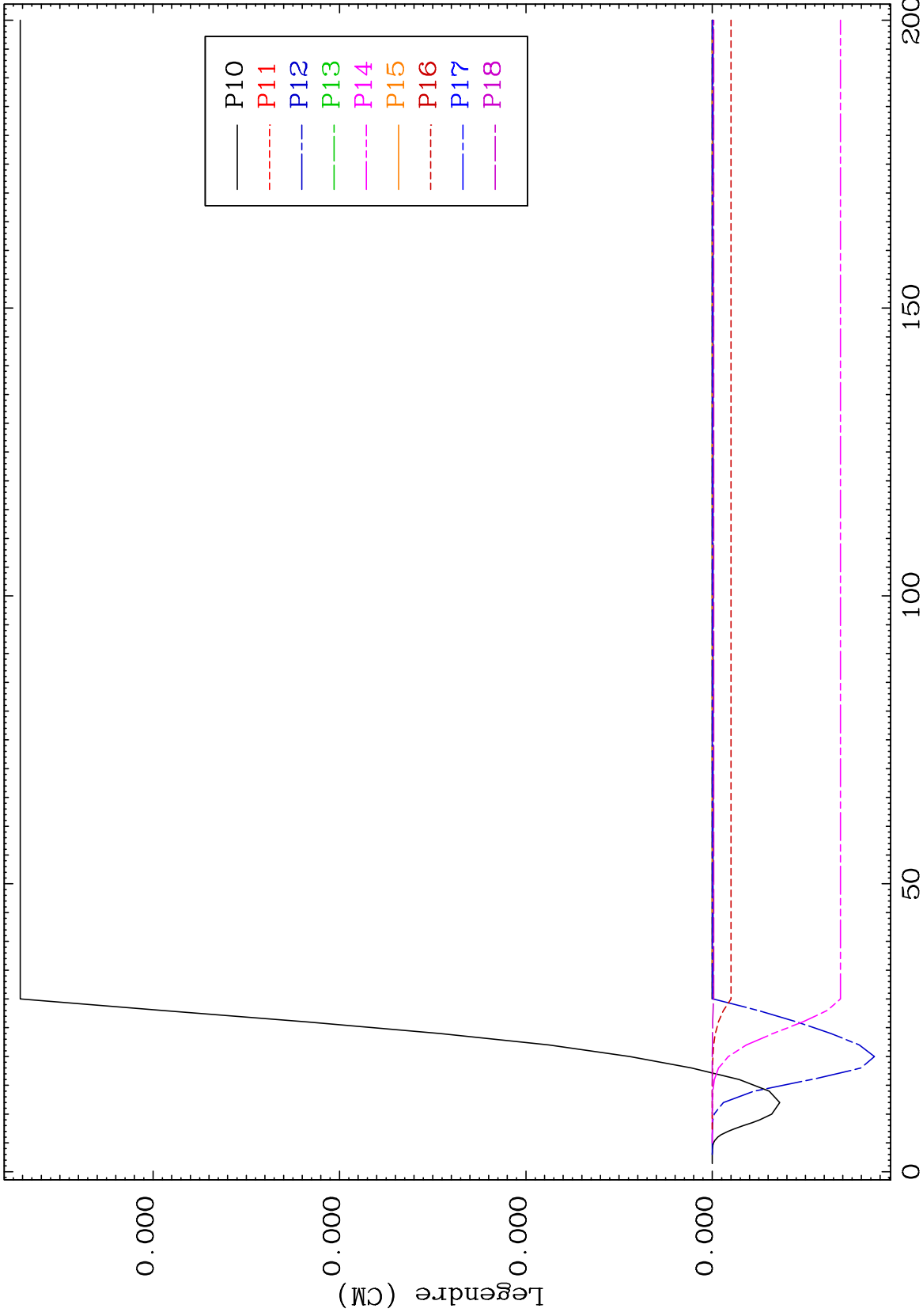


98 31-Ga-66

MAT 3116

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

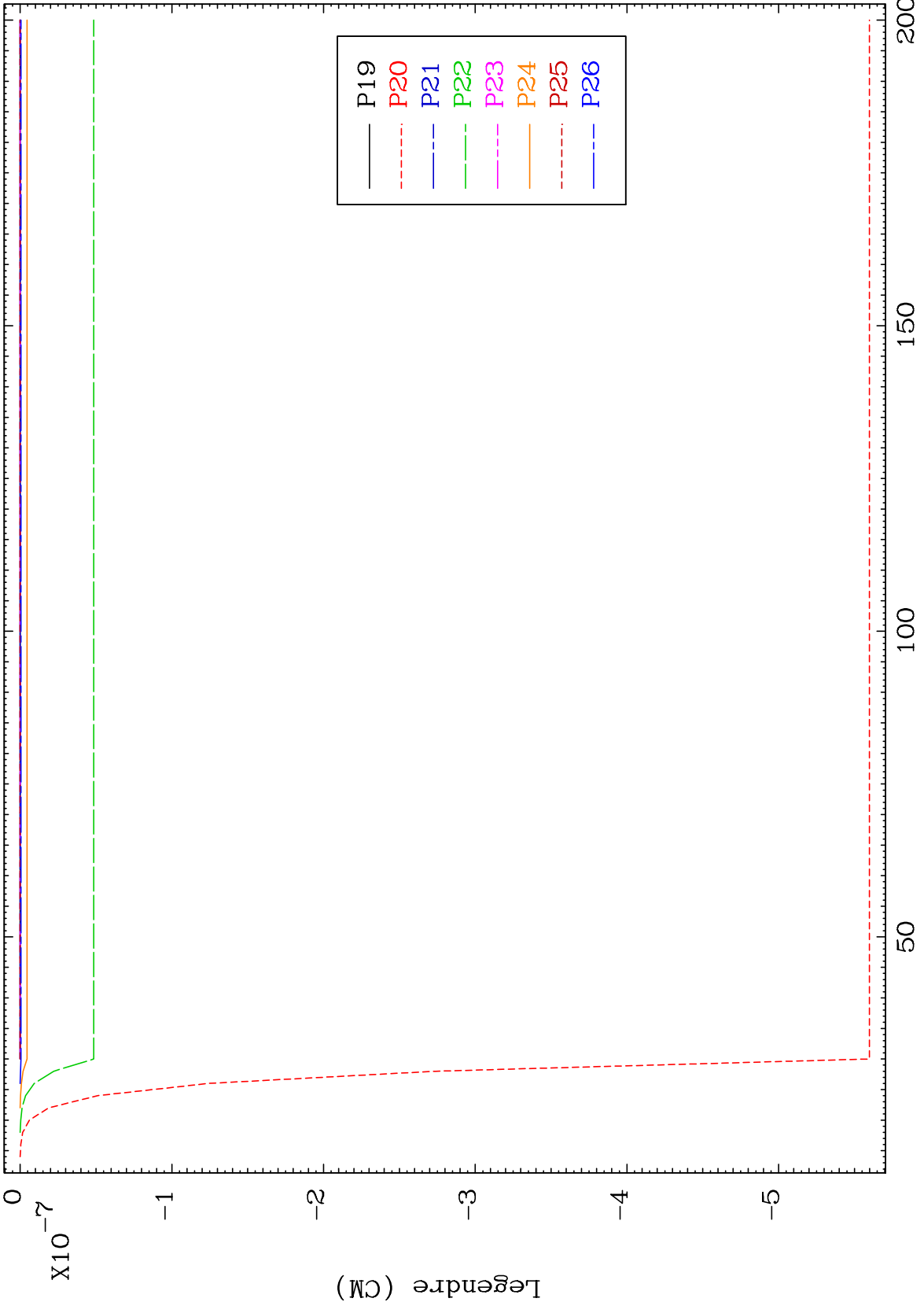
31-Ga-66



99

31-Ga-66

MAT 3116 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-66

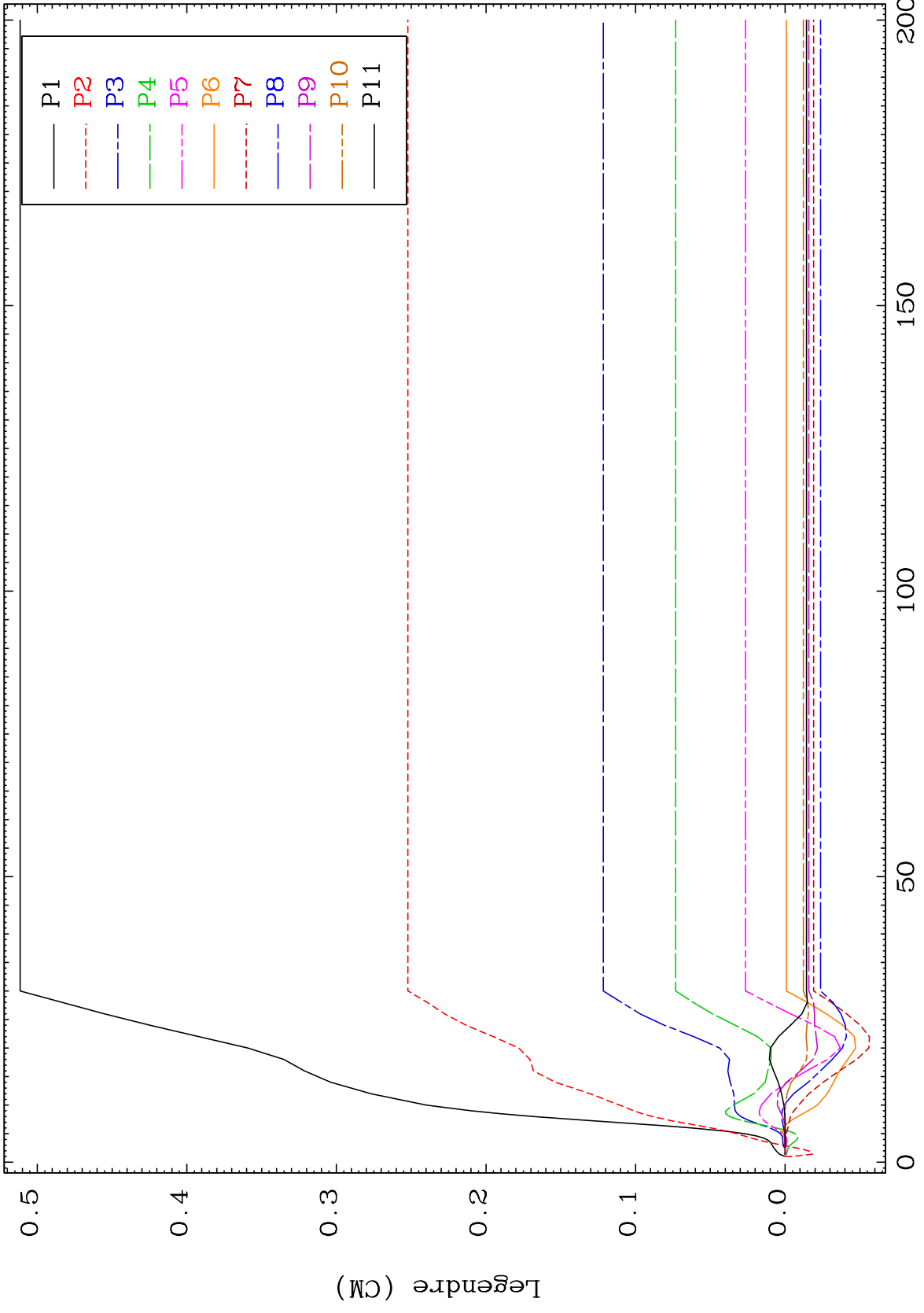


100 50 100 150 200 Incident Energy (MeV) 31-Ga-66

MAT 3116

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

31-Ga-66



101

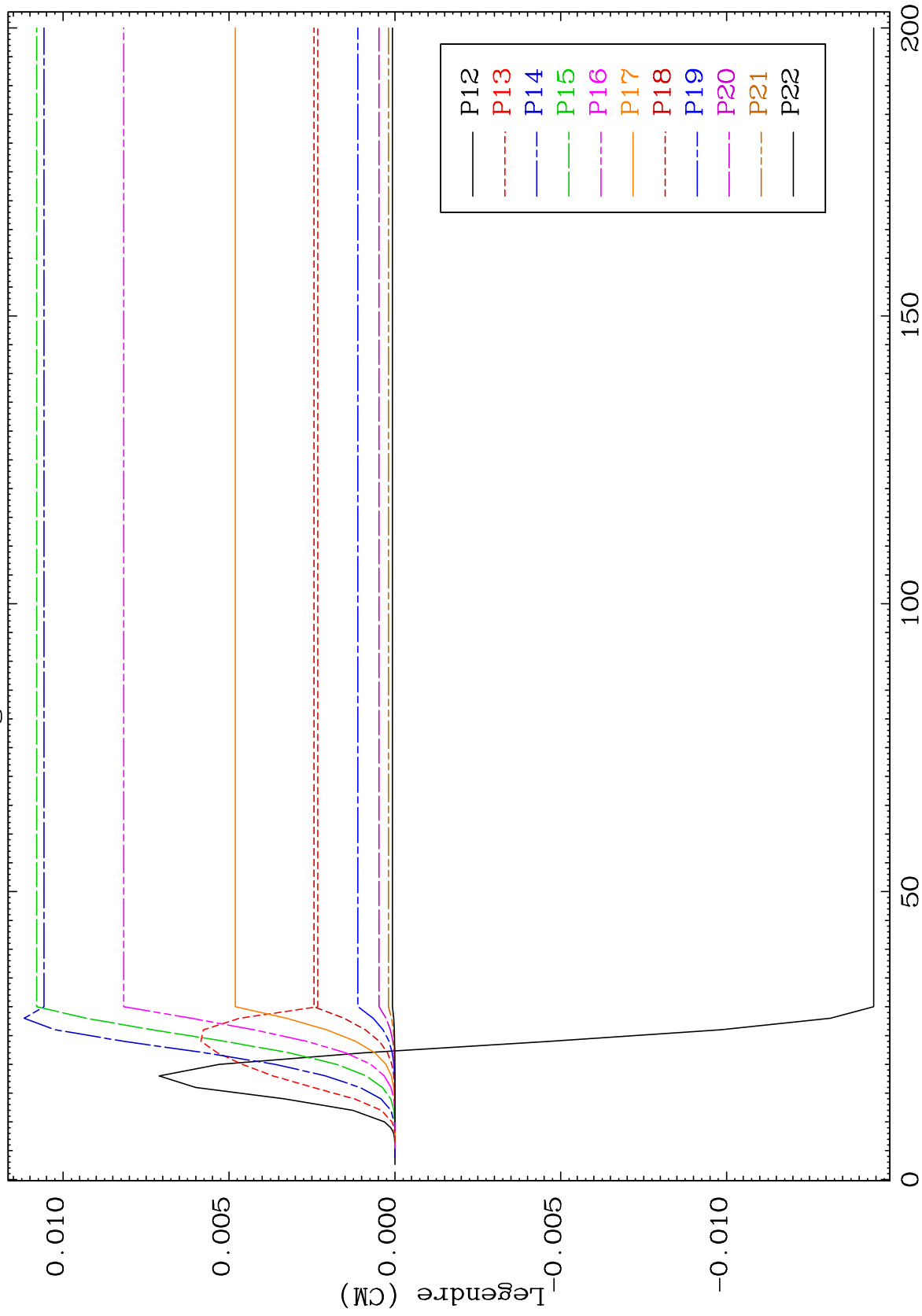
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



102

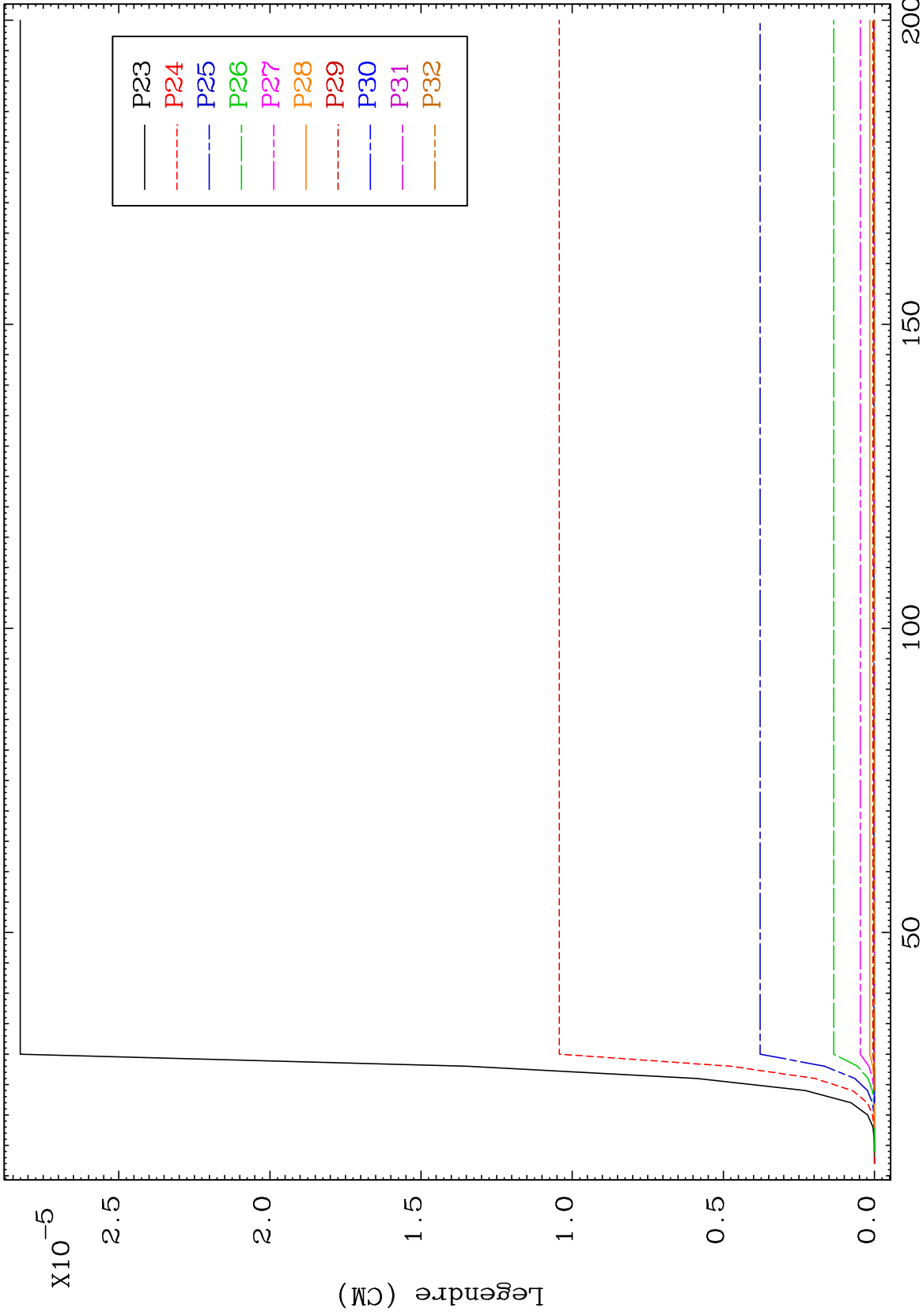
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



103

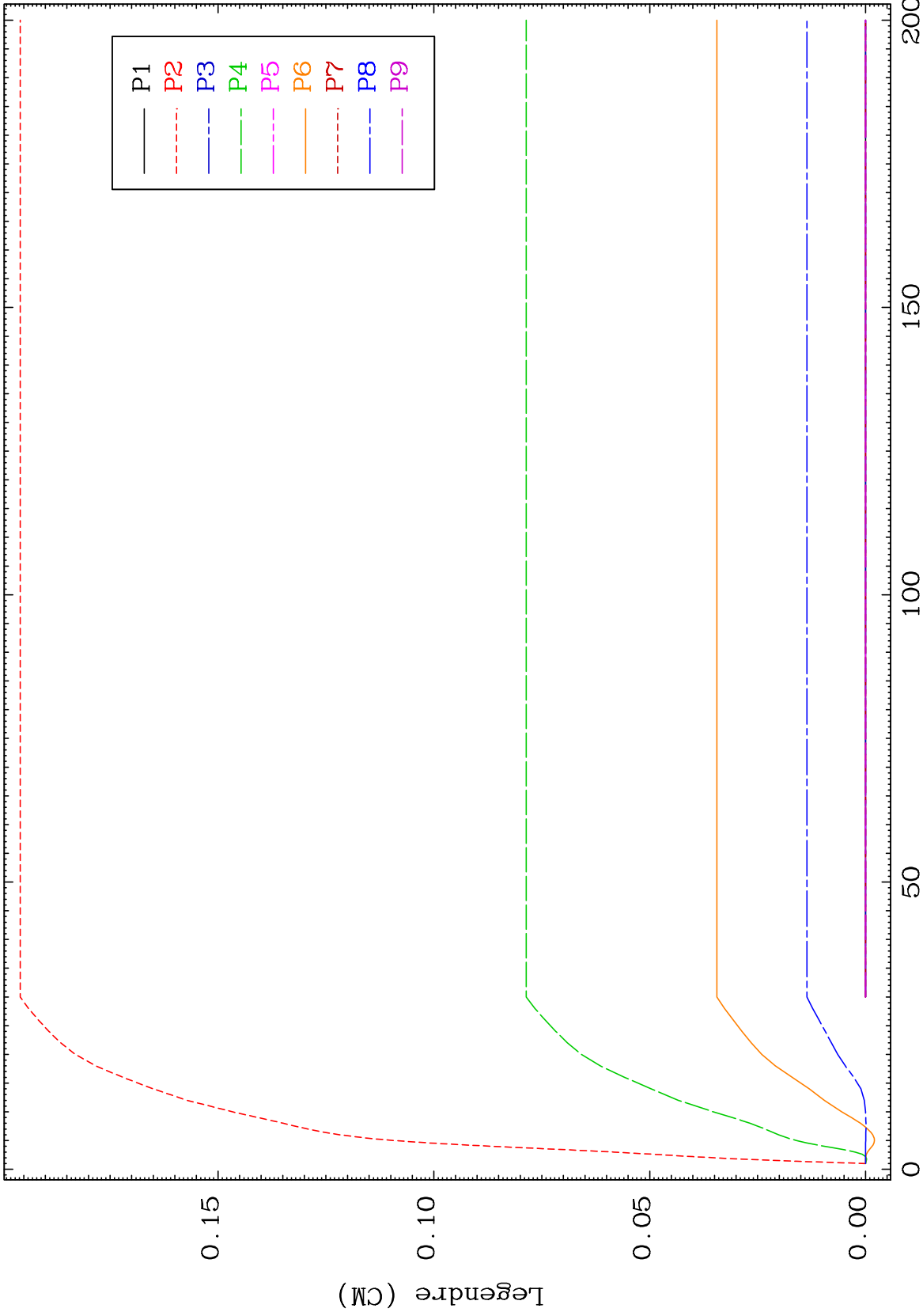
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



31-Ga-66

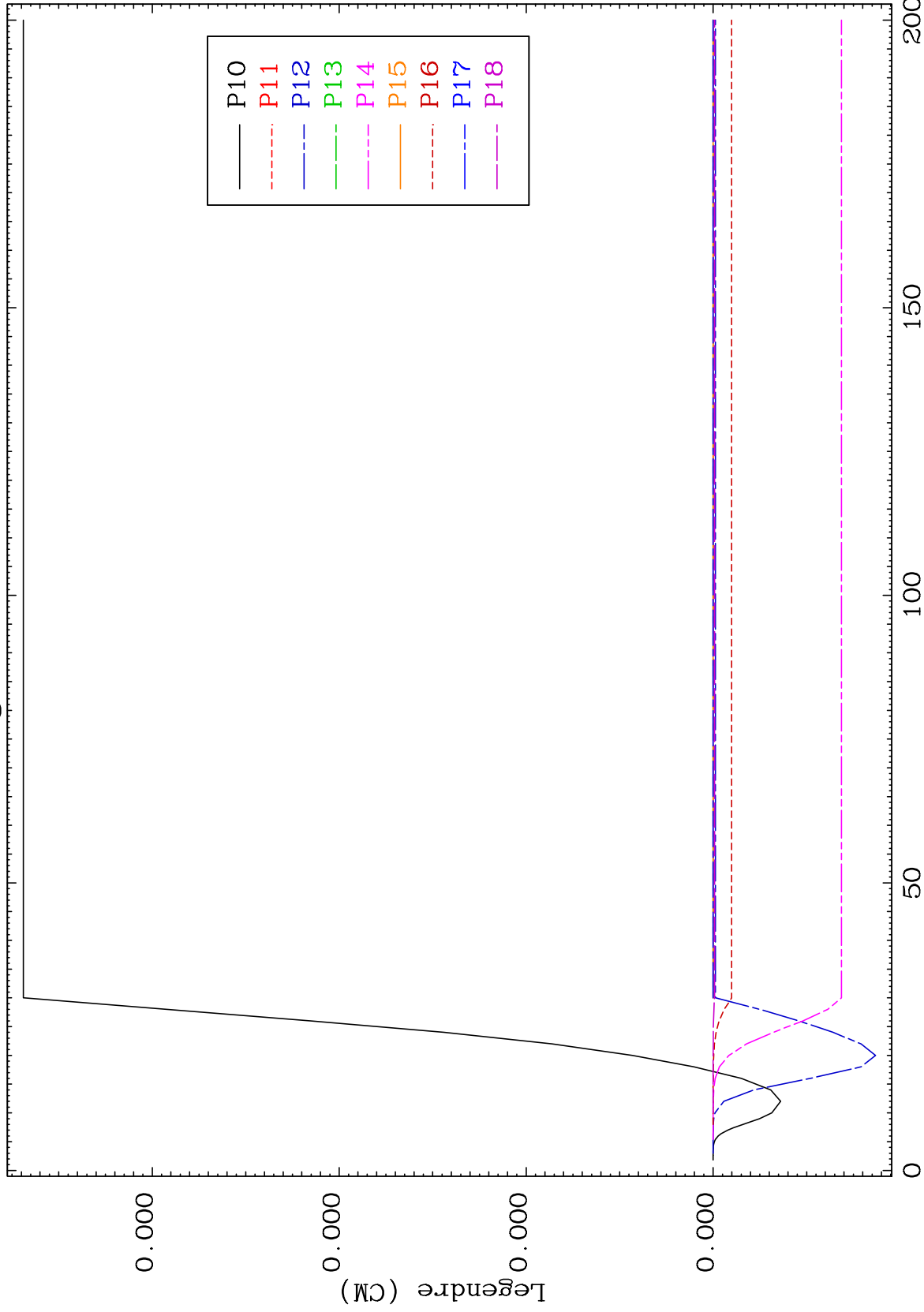
Incident Energy (MeV)

104

MAT 3116

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

31-Ga-66

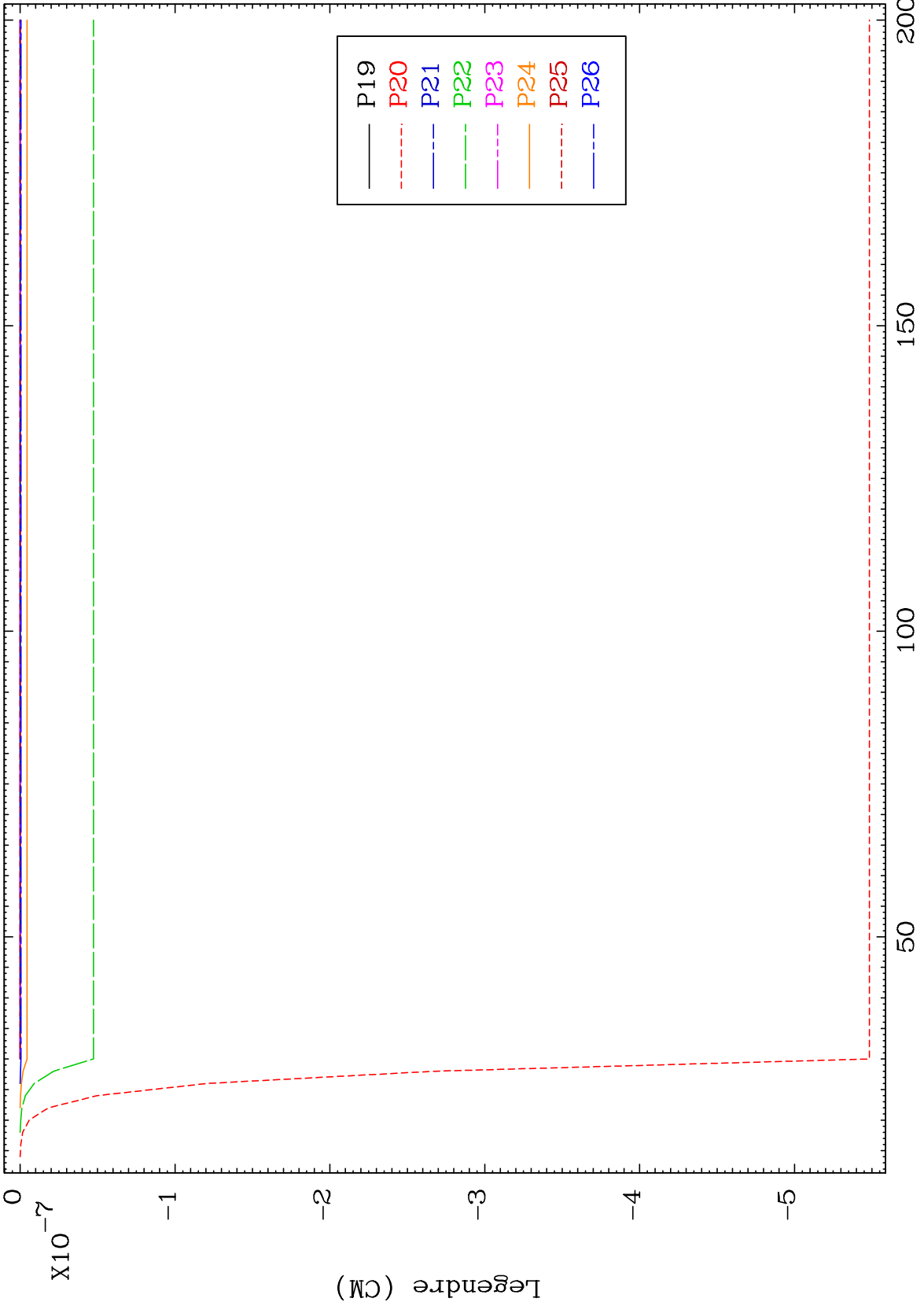


105

Incident Energy (MeV)

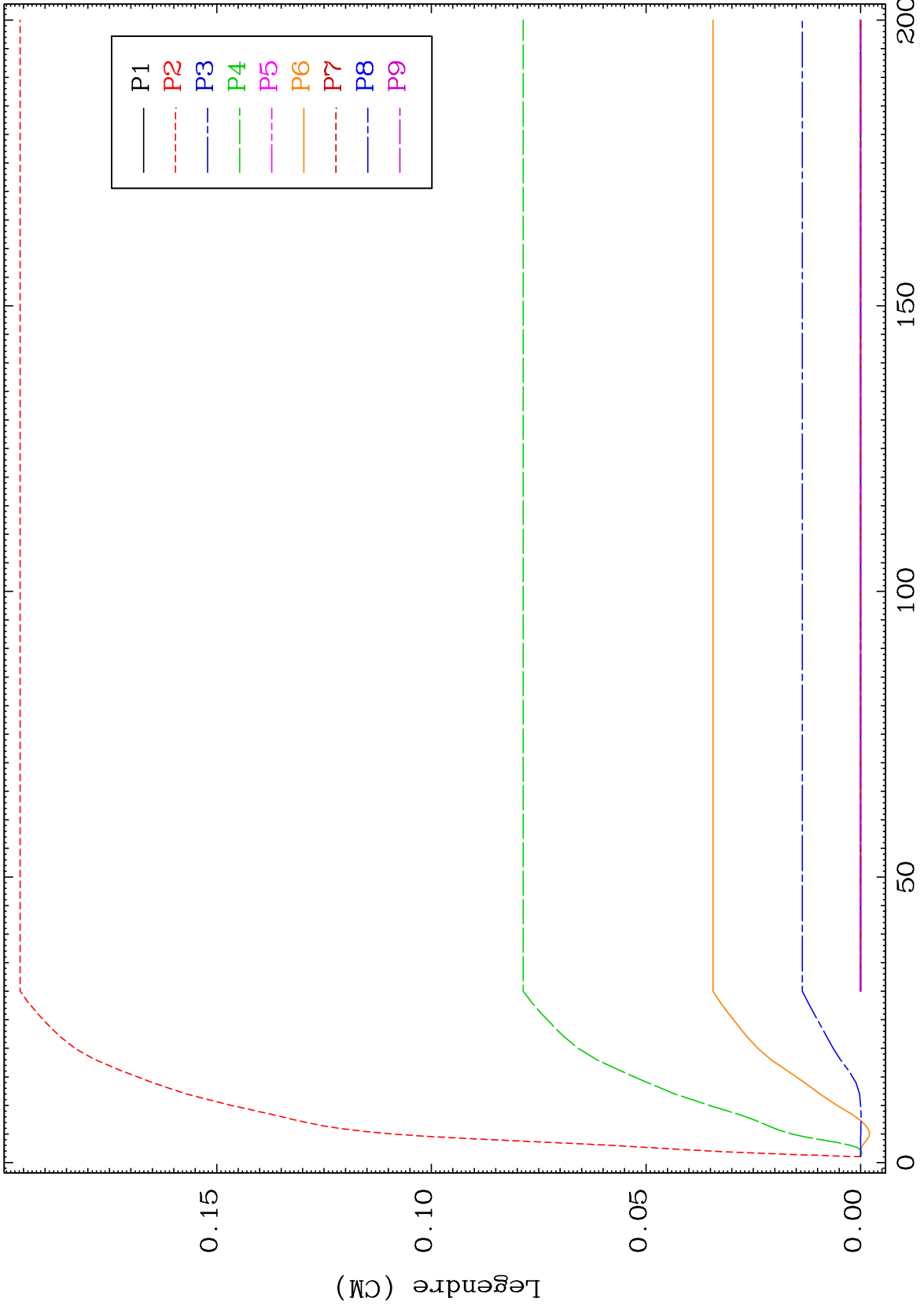
31-Ga-66

MAT 3116 MT= 77 (n,n') Level Legendre Coefficients 31-Ga-66



106 31-Ga-66

MAT 3116 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-66

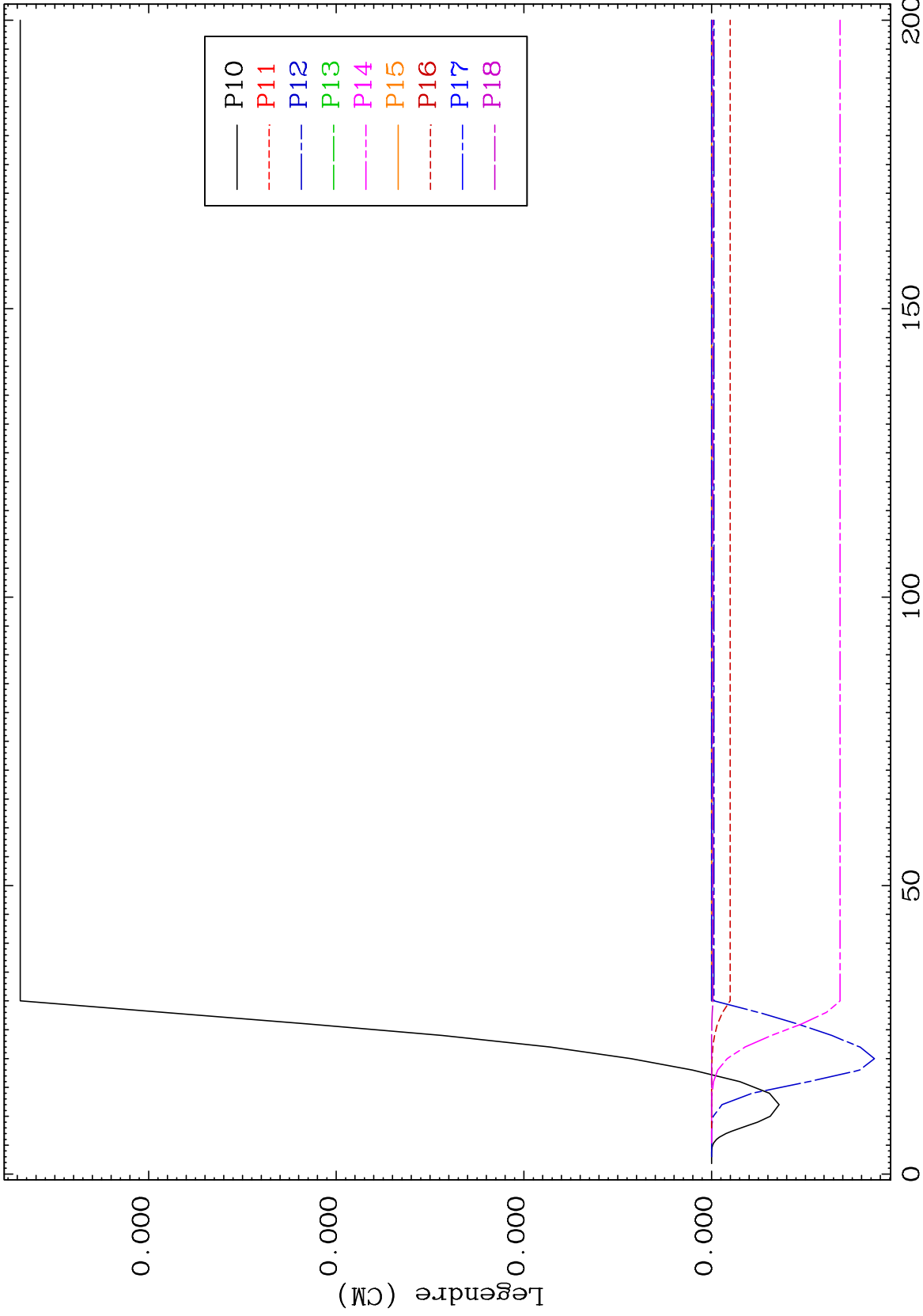


107 31-Ga-66

MAT 3116

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

31-Ga-66

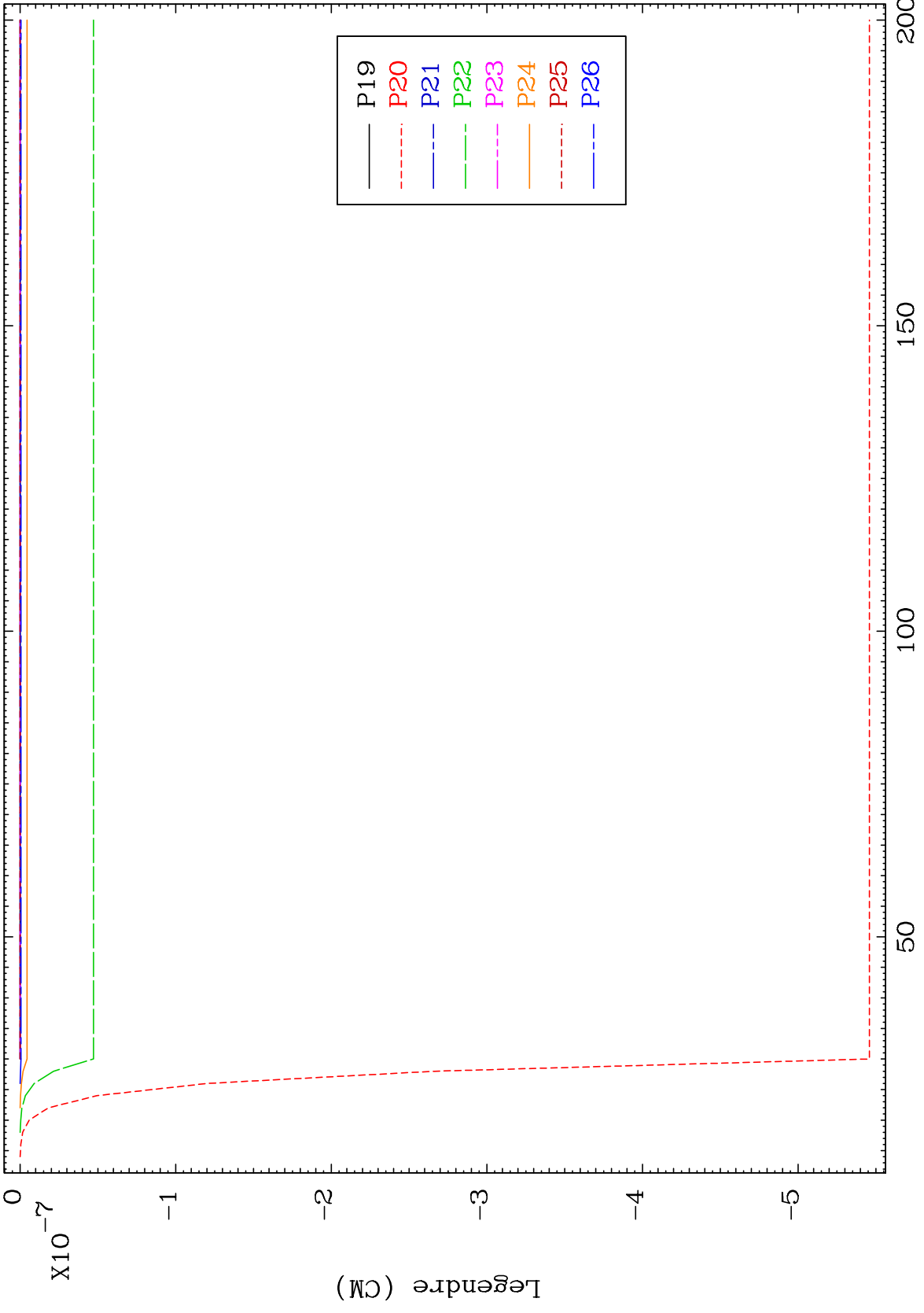


108

Incident Energy (MeV)

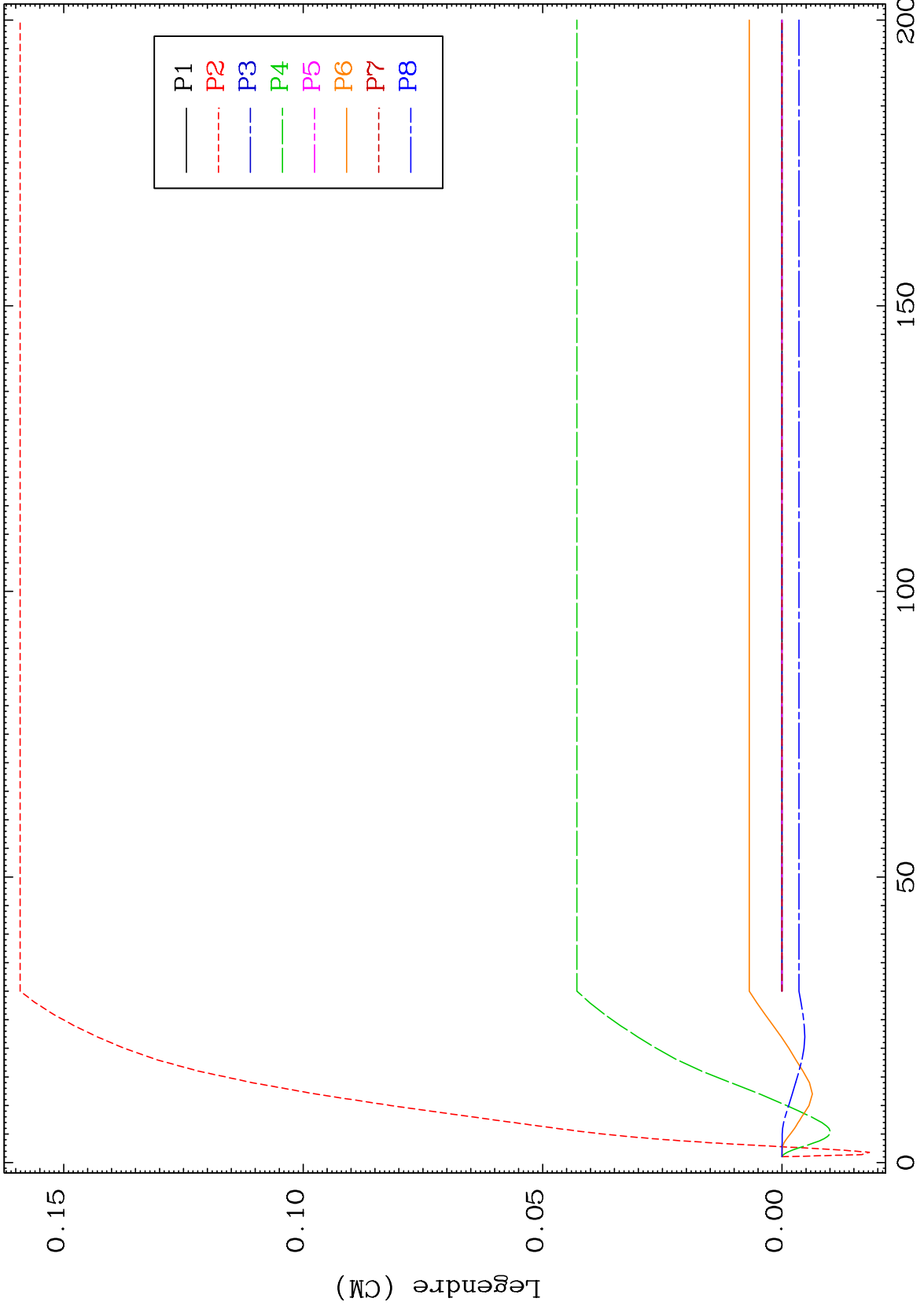
31-Ga-66

MAT 3116 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-66



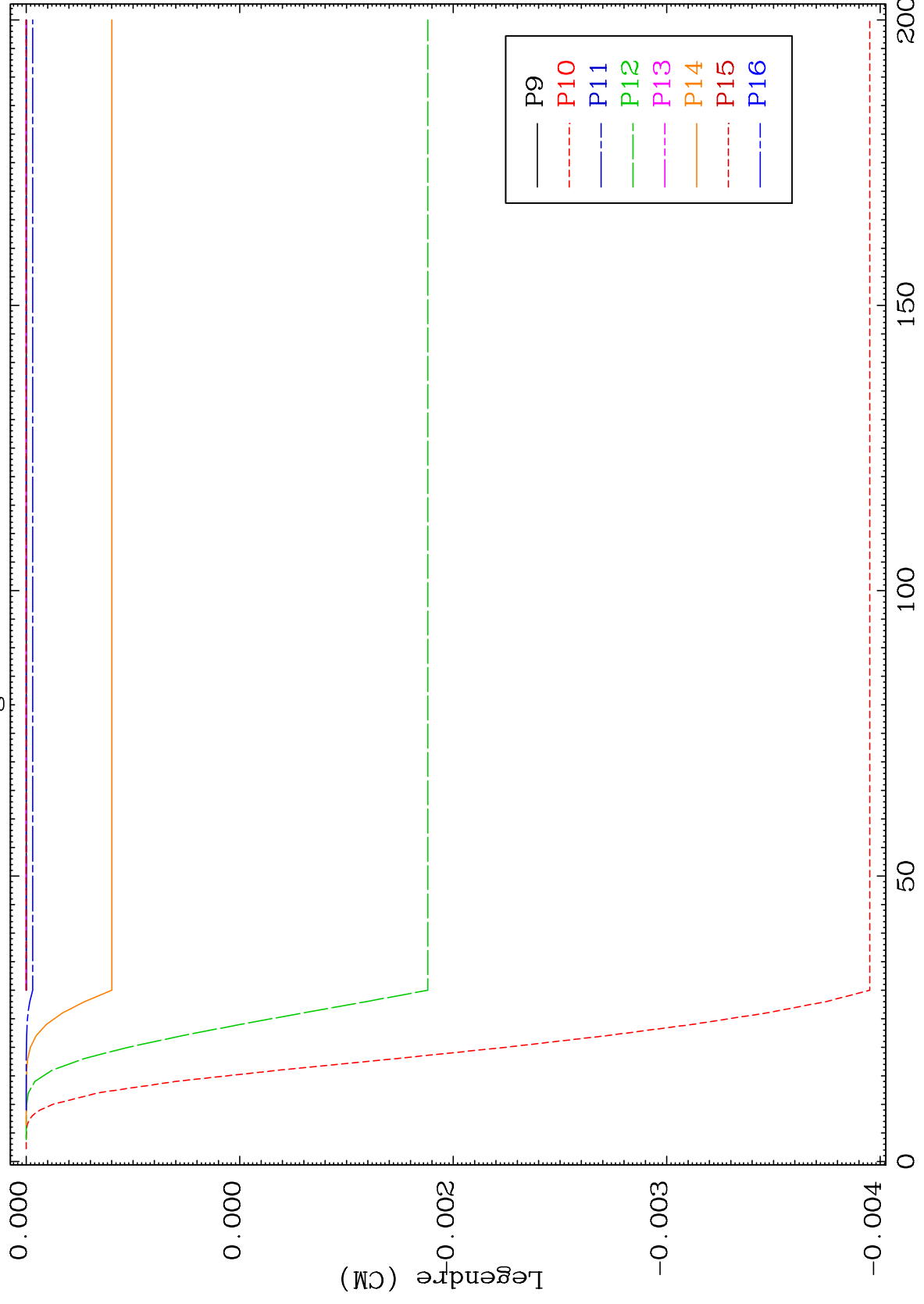
109 31-Ga-66

MAT 3116 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-66



110 Incident Energy (MeV) 31-Ga-66

MAT 3116 MT= 79 (n,n') Level Legendre Coefficients 31-Ga-66

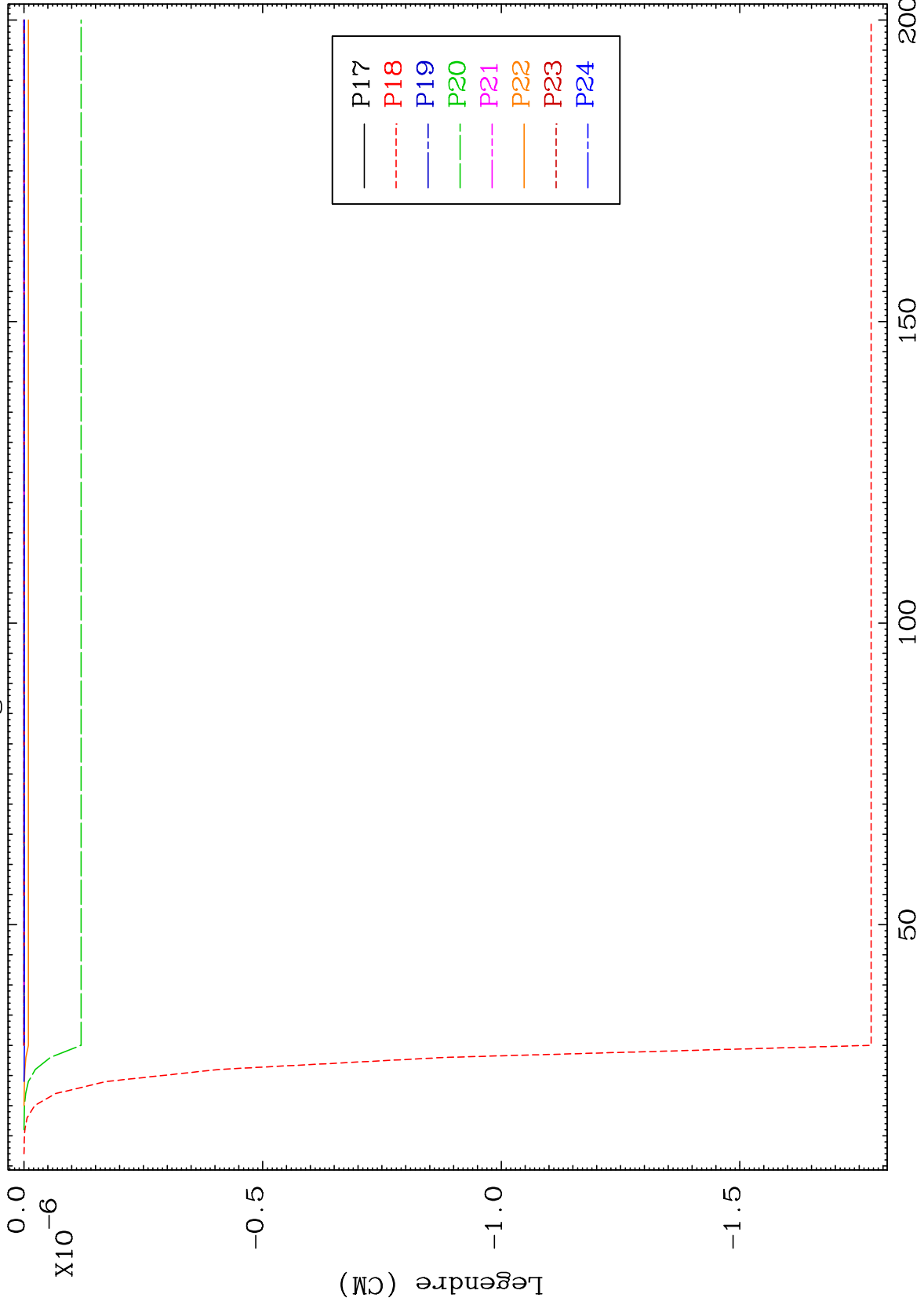


111 Incident Energy (MeV) 31-Ga-66

MAT 3116

MT= 79 (n,n') Level
Legendre Coefficients

31-Ga-66



31-Ga-66

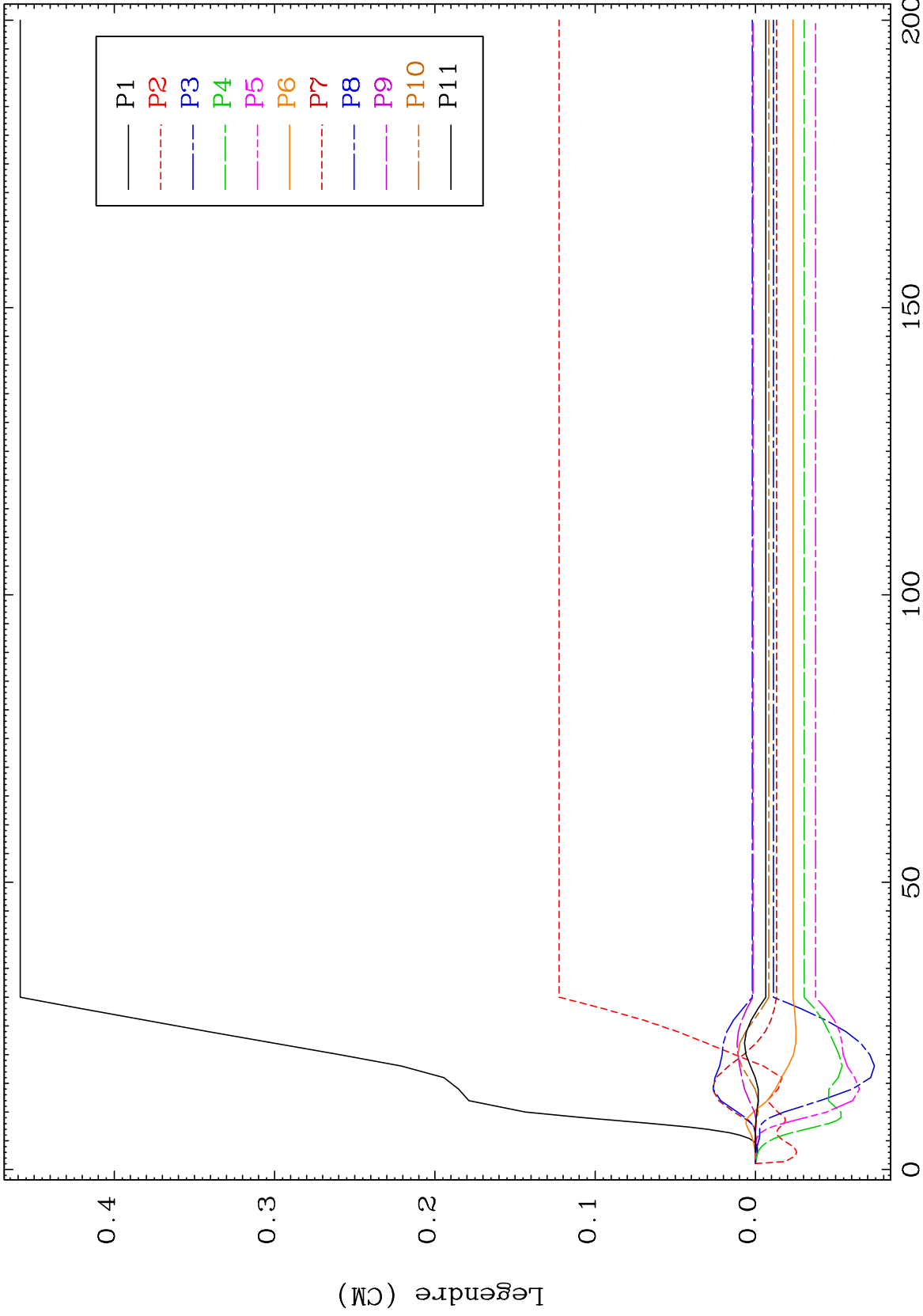
Incident Energy (MeV)

112

MAT 3116

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

31-Ga-66



113

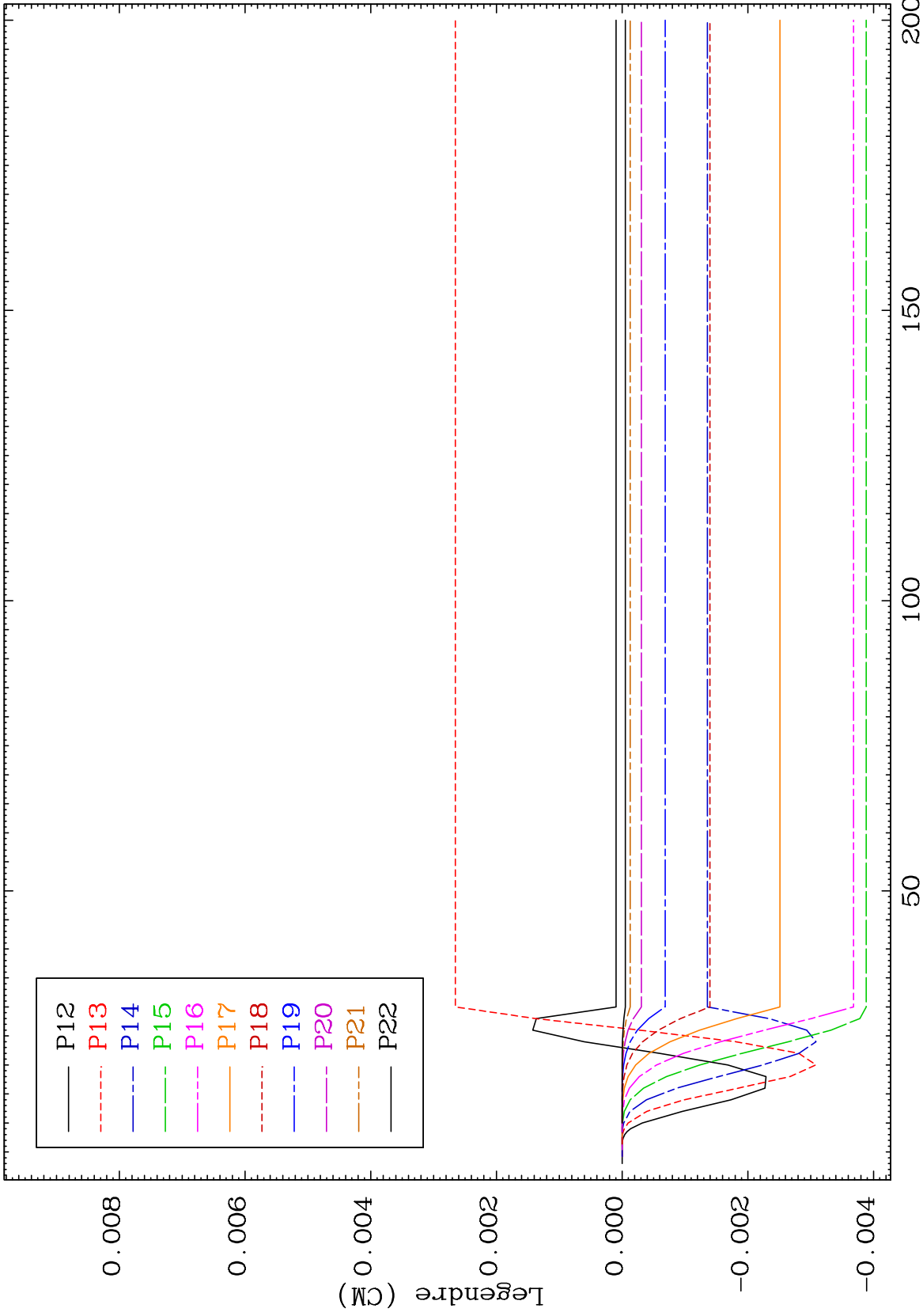
Incident Energy (MeV)

31-Ga-66

MAT 3116

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

31-Ga-66



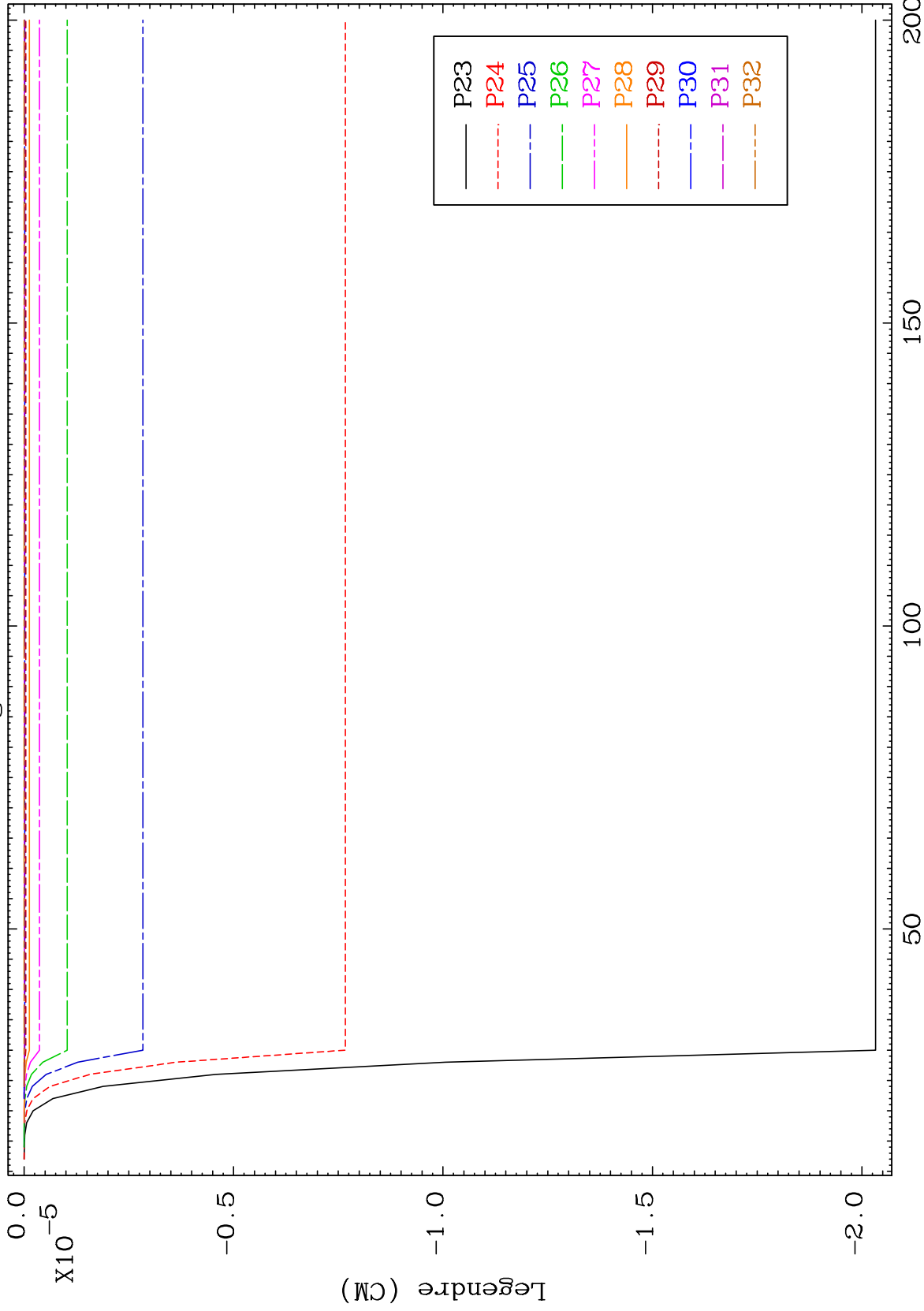
114

31-Ga-66

MAT 3116

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

31-Ga-66



31-Ga-66

Incident Energy (MeV)

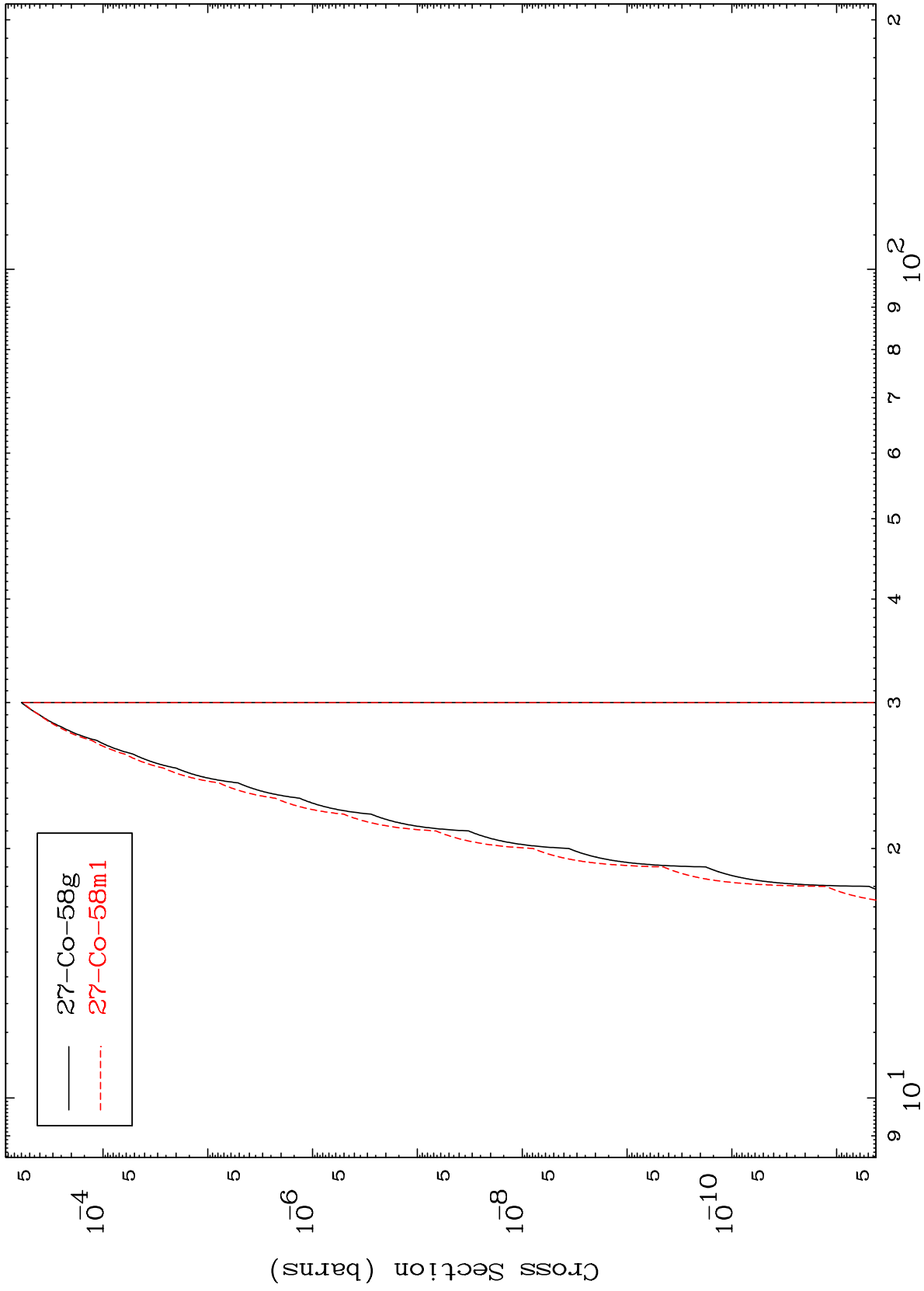
115

MAT 3116

(n,n') 2 α

31-Ga-66

Radionuclide Production Cross Section



116

Incident Energy (MeV)

31-Ga-66