

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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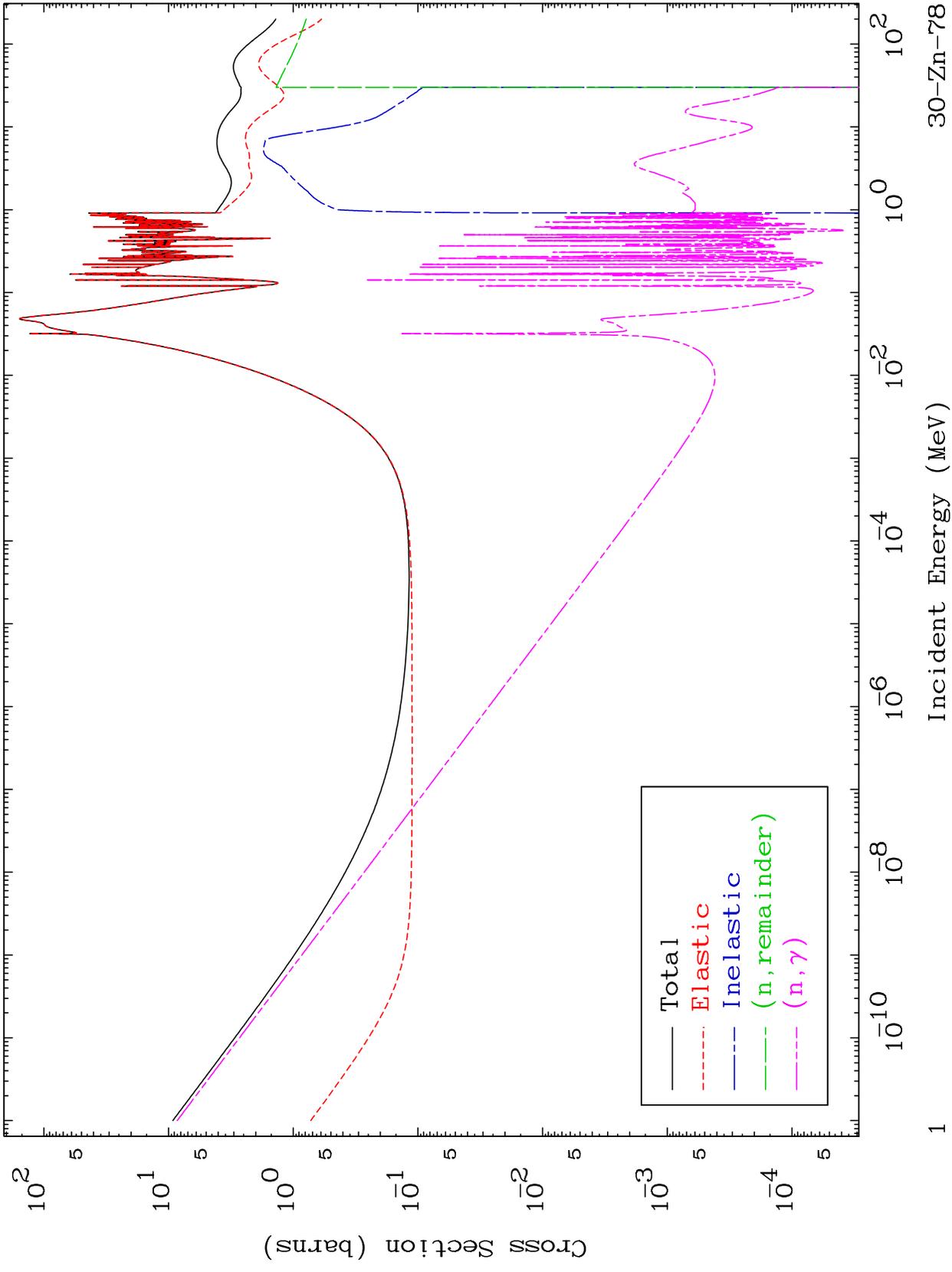
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3067

Major  
293 Kelvin Cross Sections

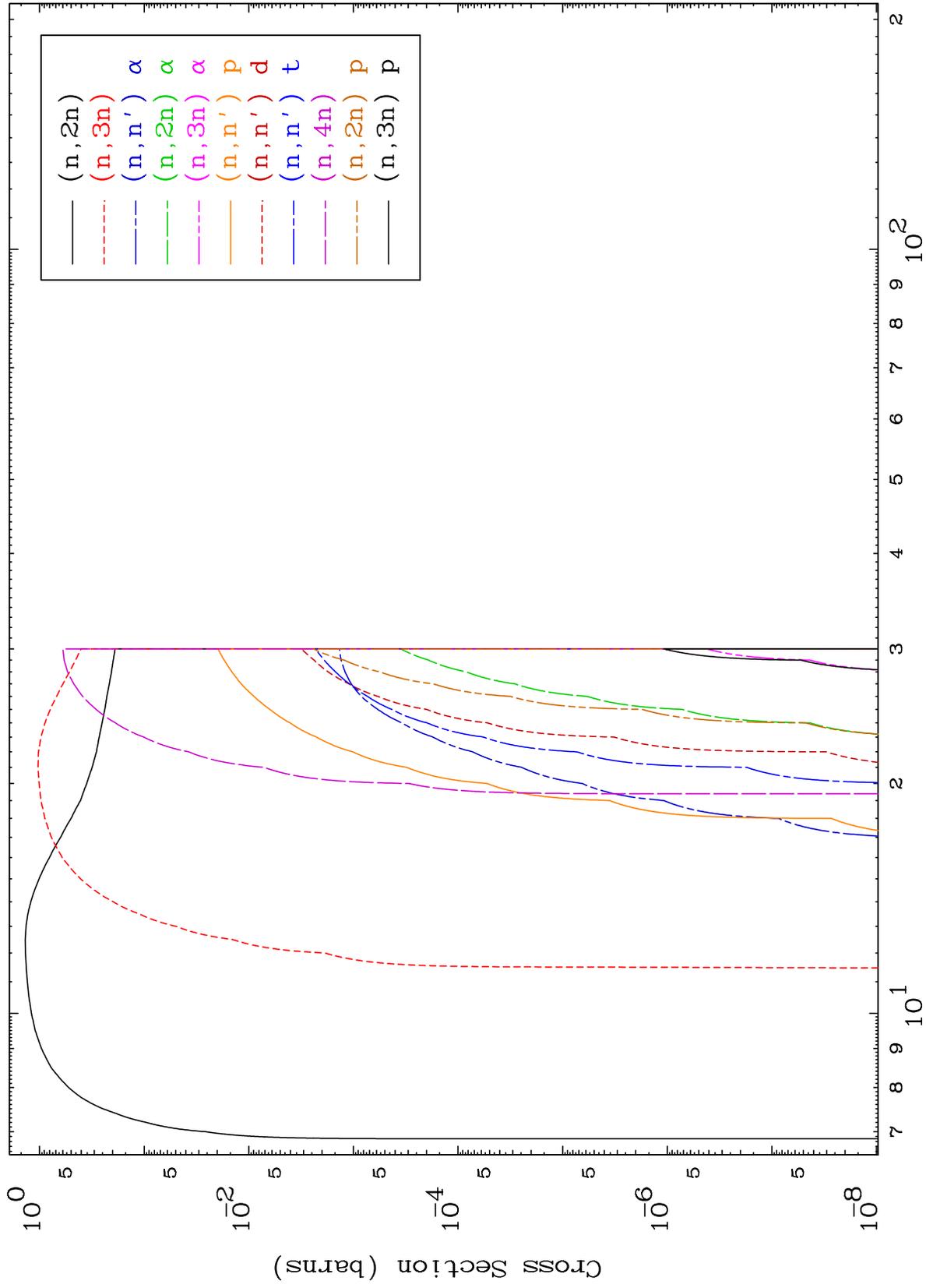
30-Zn-78



MAT 3067

Neutron Production  
293 Kelvin Cross Sections

30-Zn-78



2

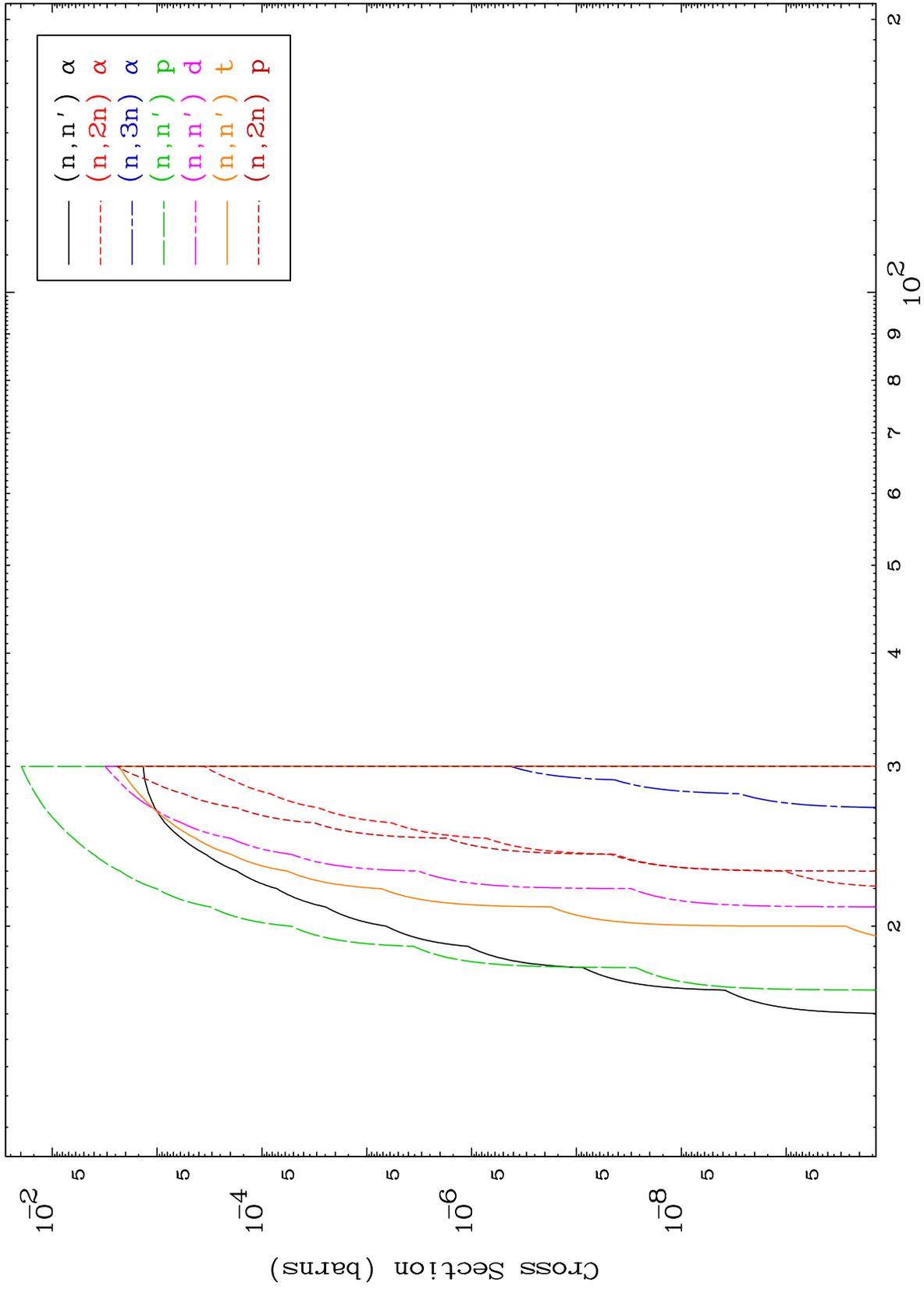
Incident Energy (MeV)

30-Zn-78

MAT 3067

Charged Particle  
293 Kelvin Cross Sections

30-Zn-78



3

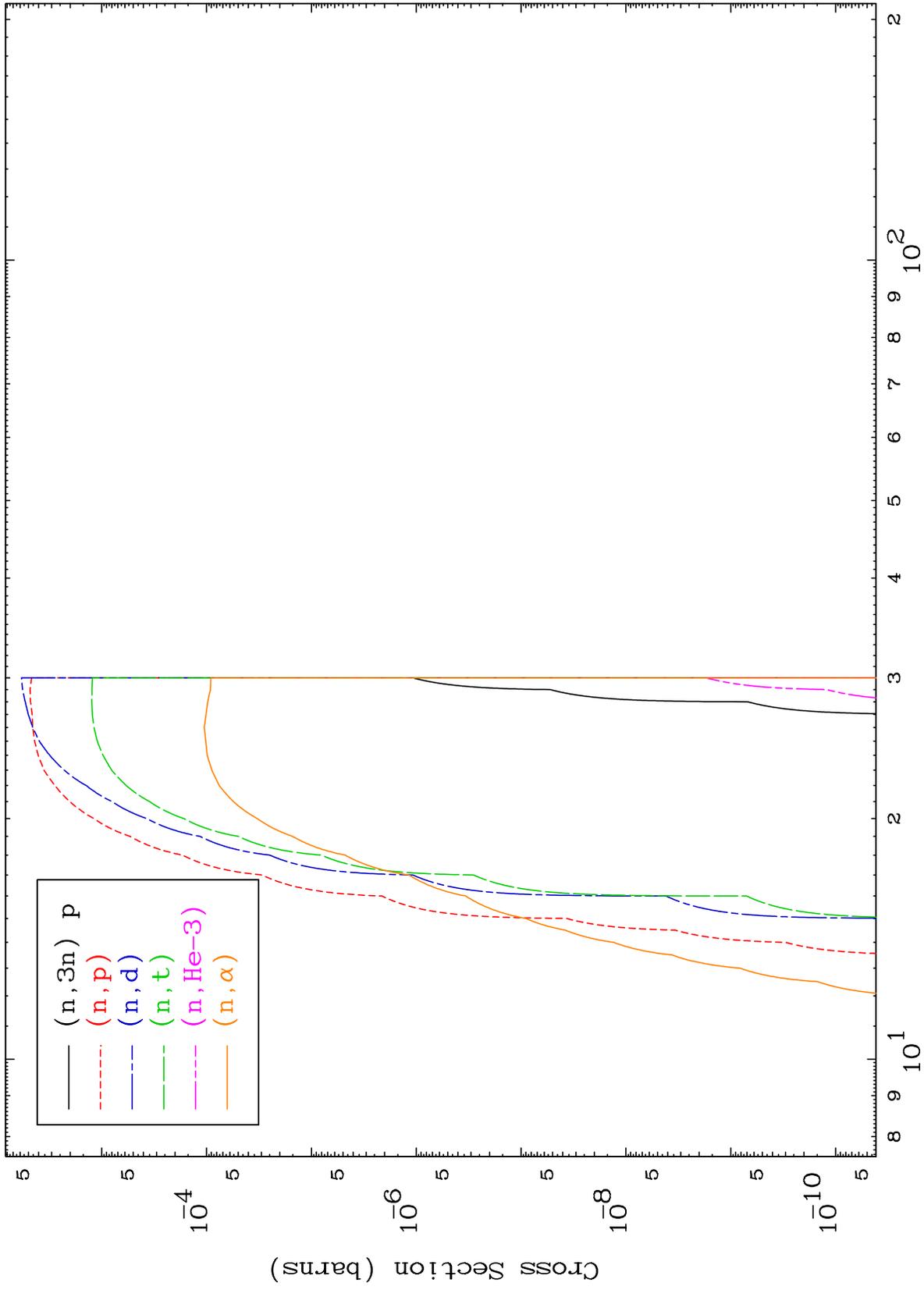
Incident Energy (MeV)

30-Zn-78

MAT 3067

Charged Particle  
293 Kelvin Cross Sections

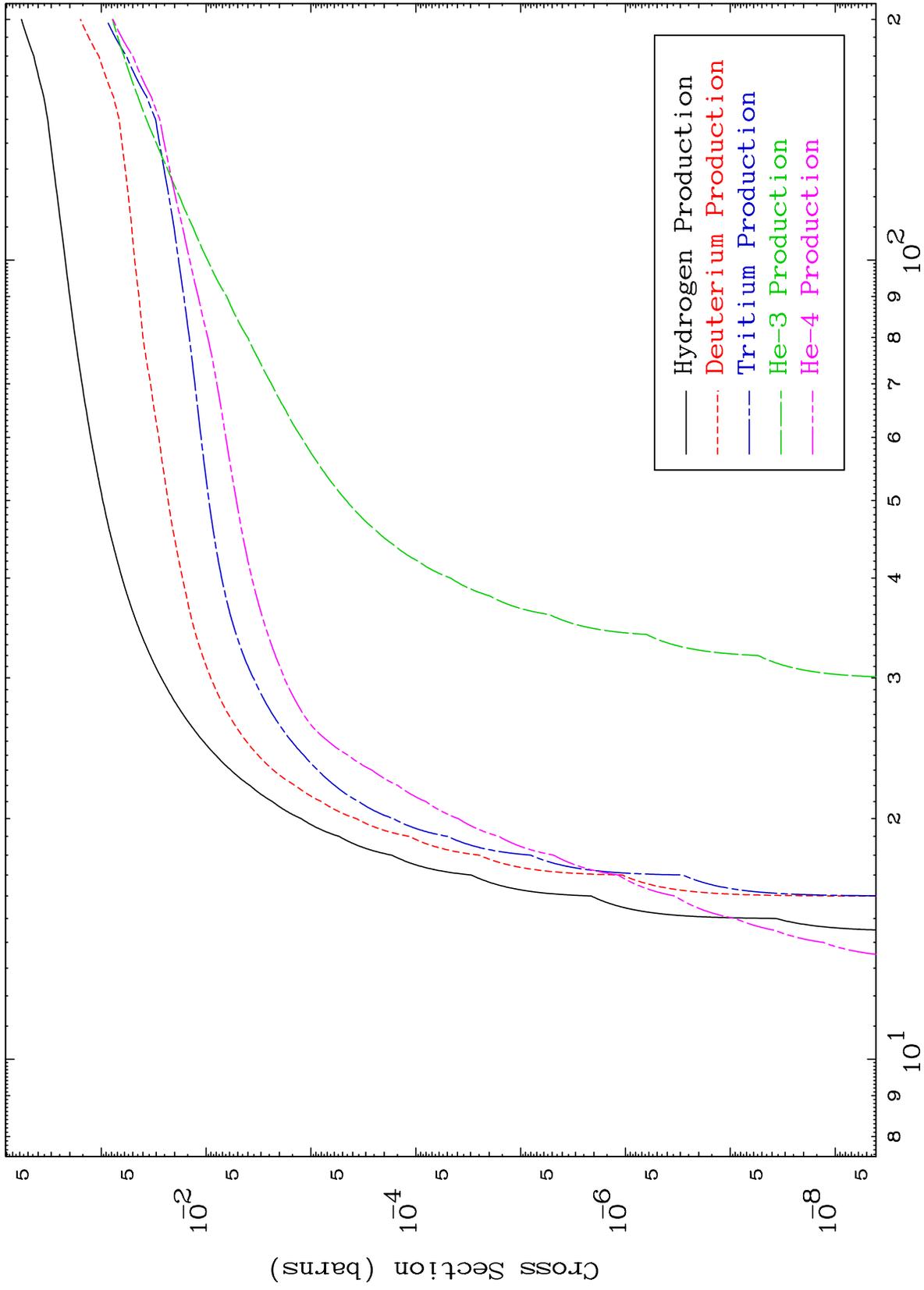
30-Zn-78



MAT 3067

Particle Production  
293 Kelvin Cross Sections

30-Zn-78



5

Incident Energy (MeV)

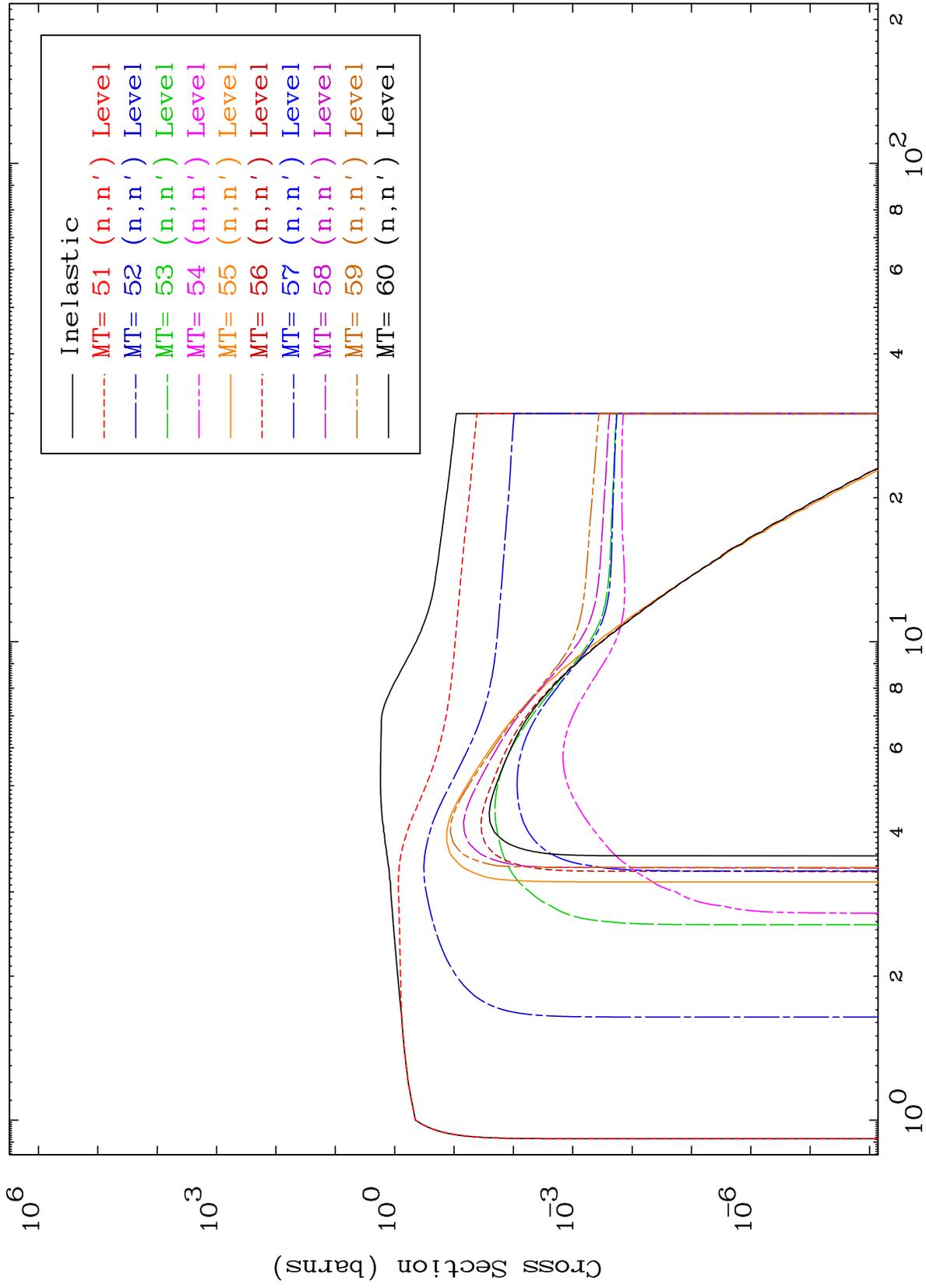
30-Zn-78

MAT 3067

(n,n') Level

30-Zn-78

293 Kelvin Cross Sections



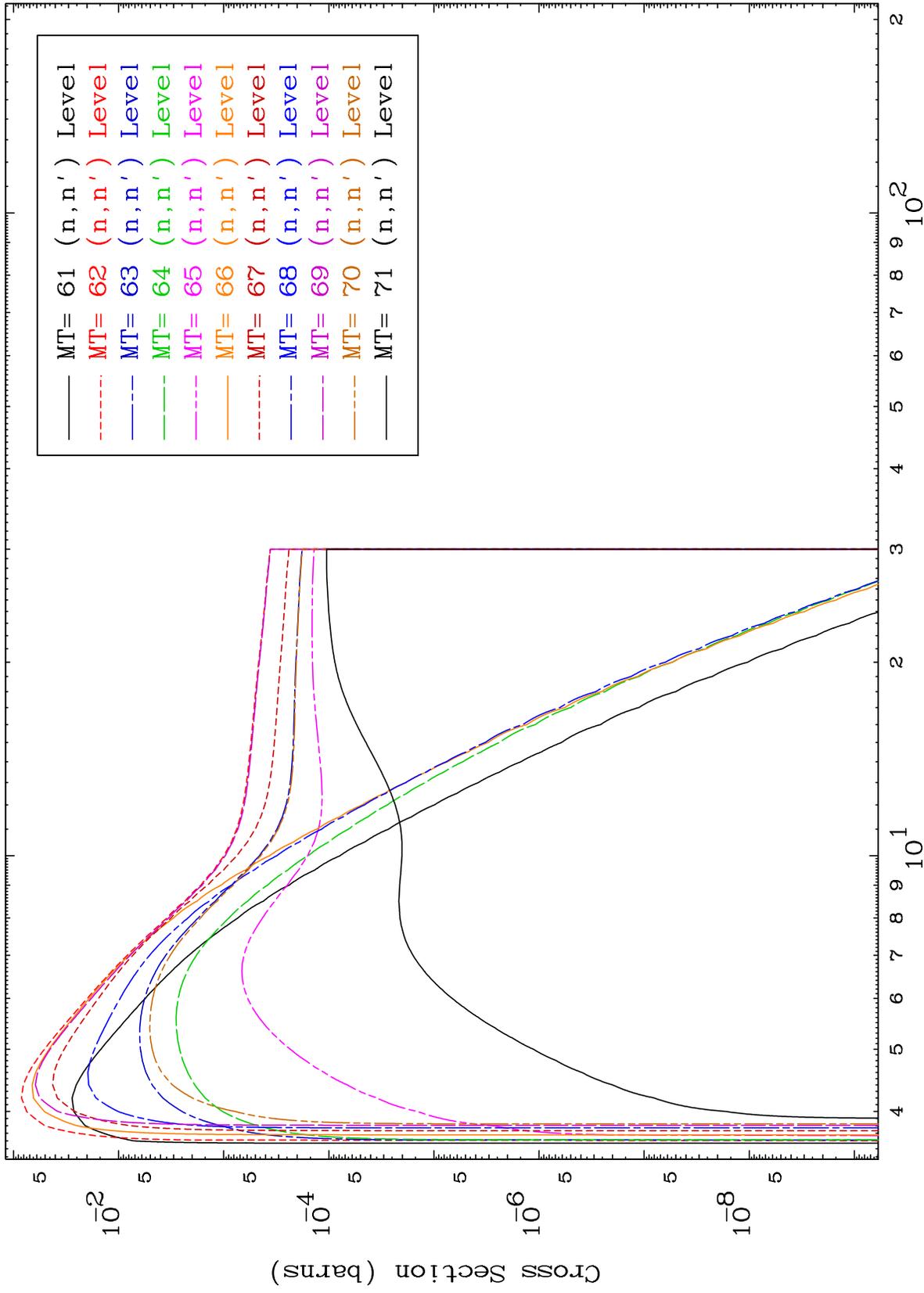
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,n') Level  
293 Kelvin Cross Sections

30-Zn-78



7

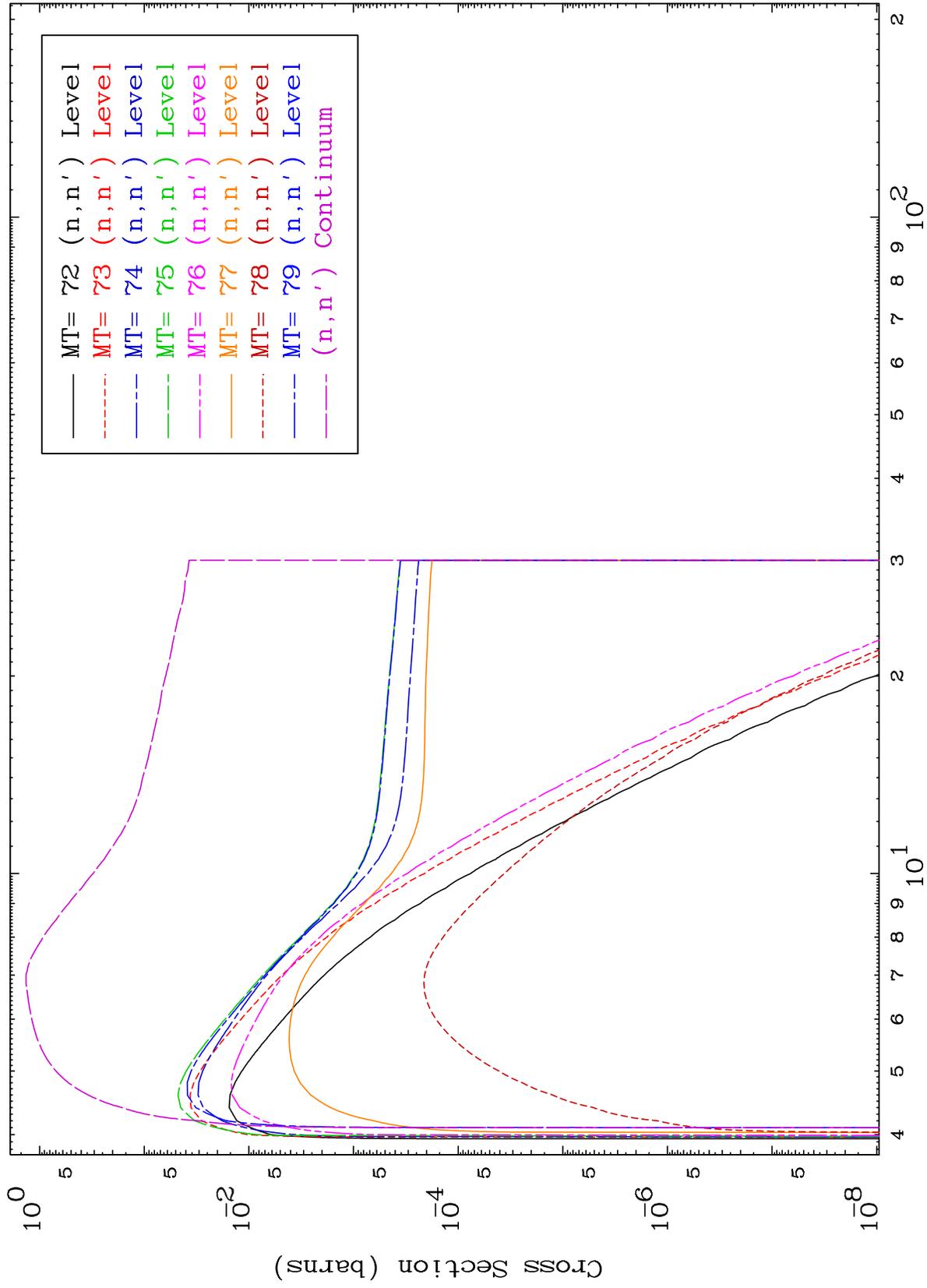
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,n') Level  
293 Kelvin Cross Sections

30-Zn-78



8

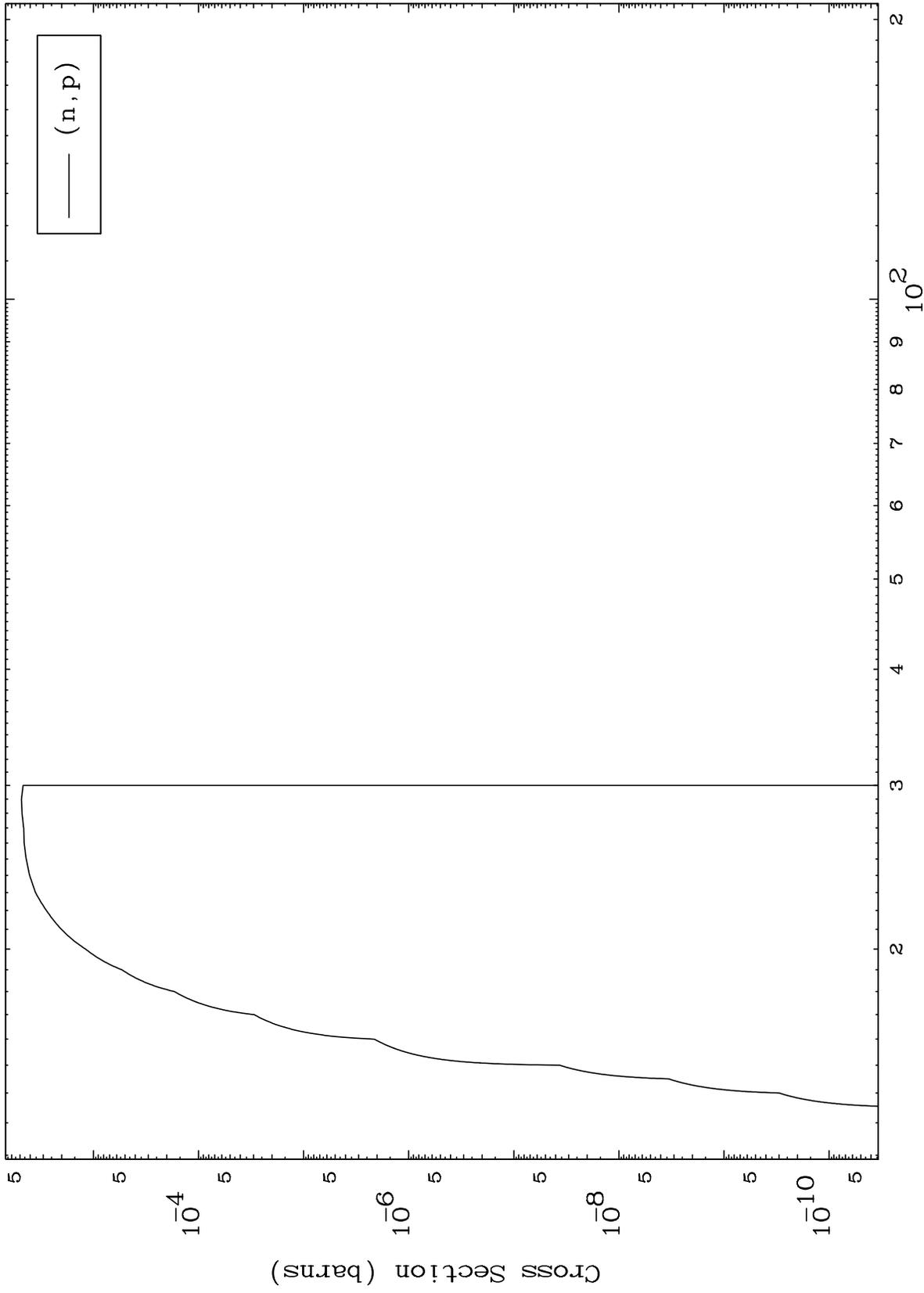
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-78



9

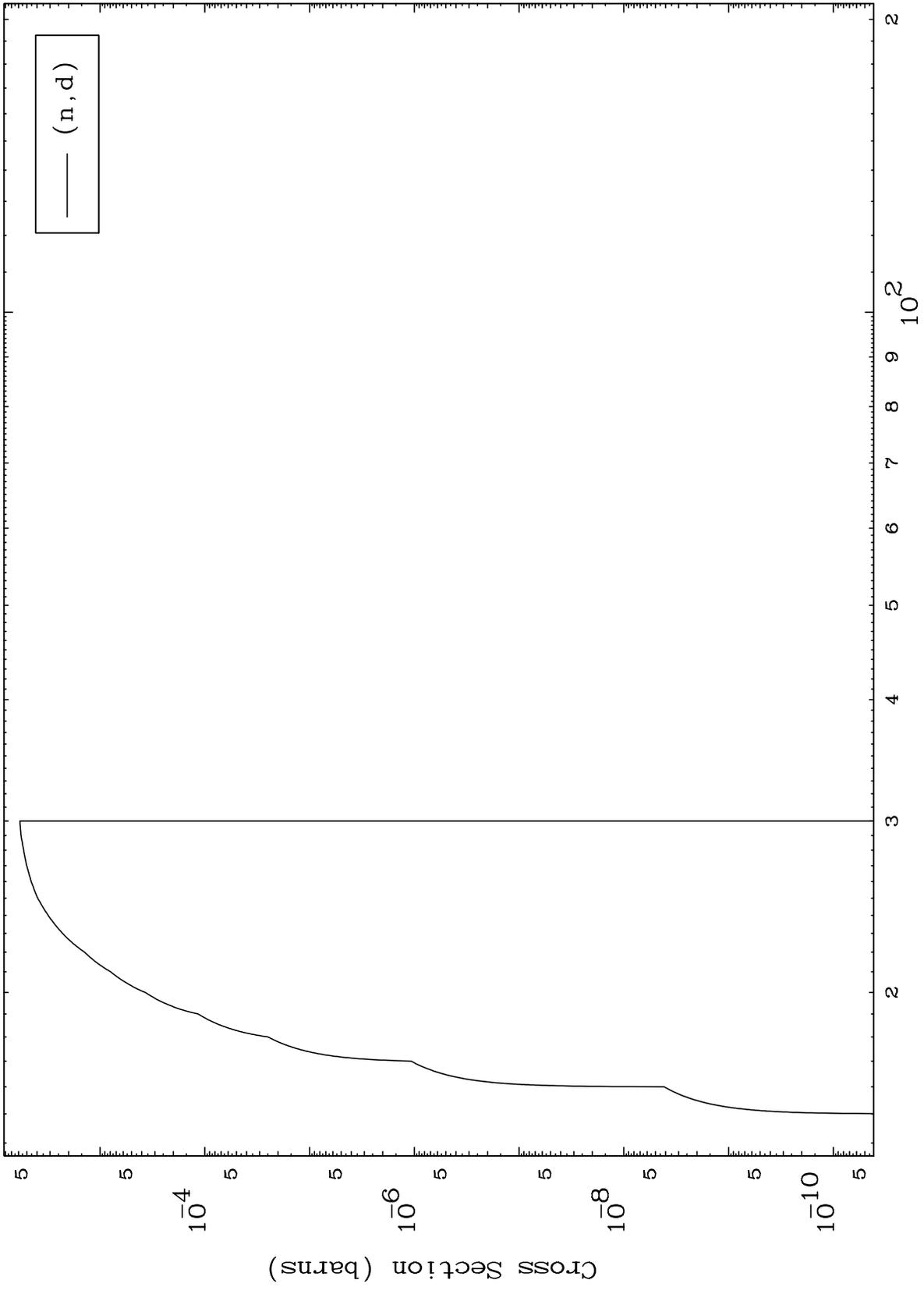
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-78



10

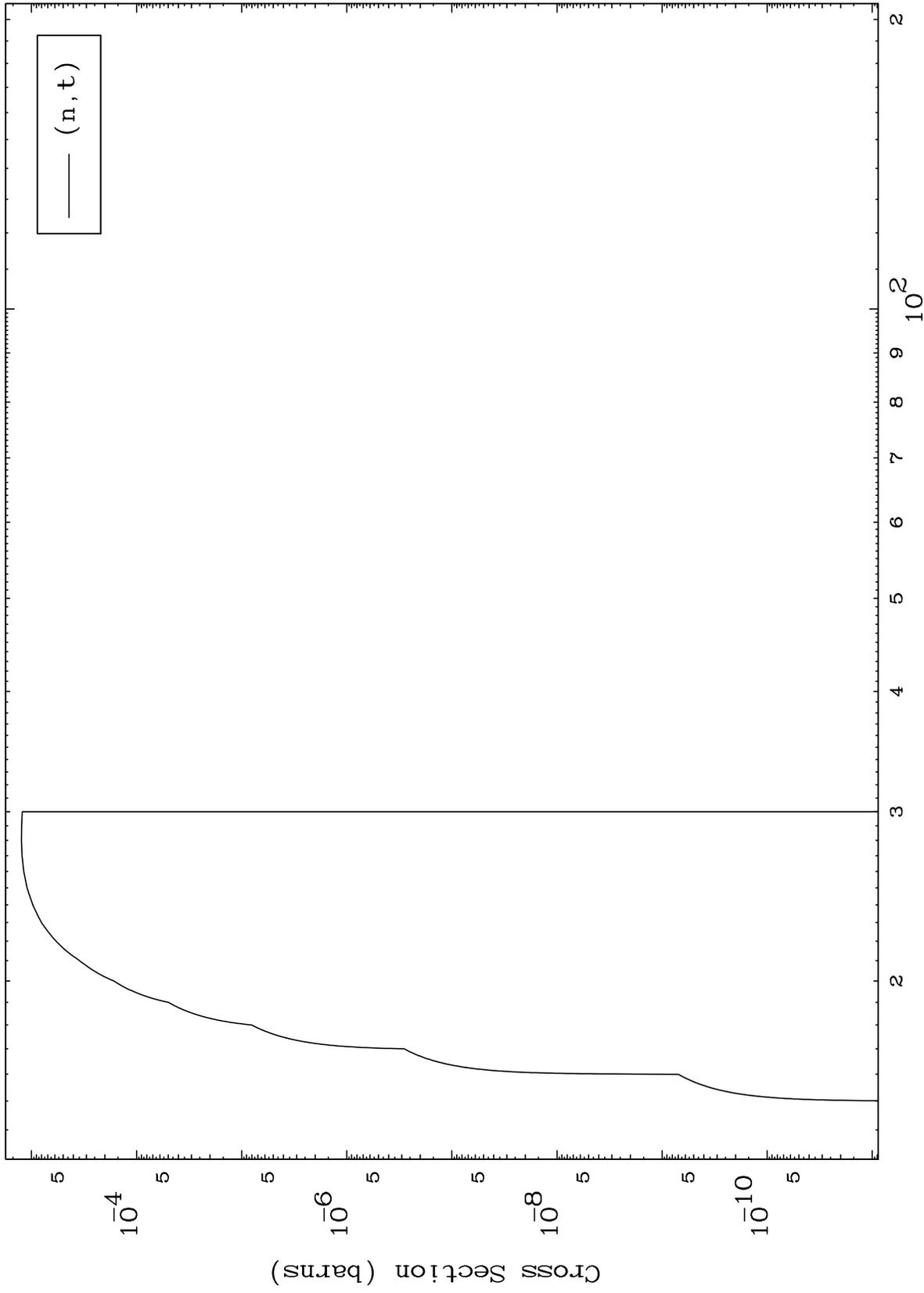
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-78



11

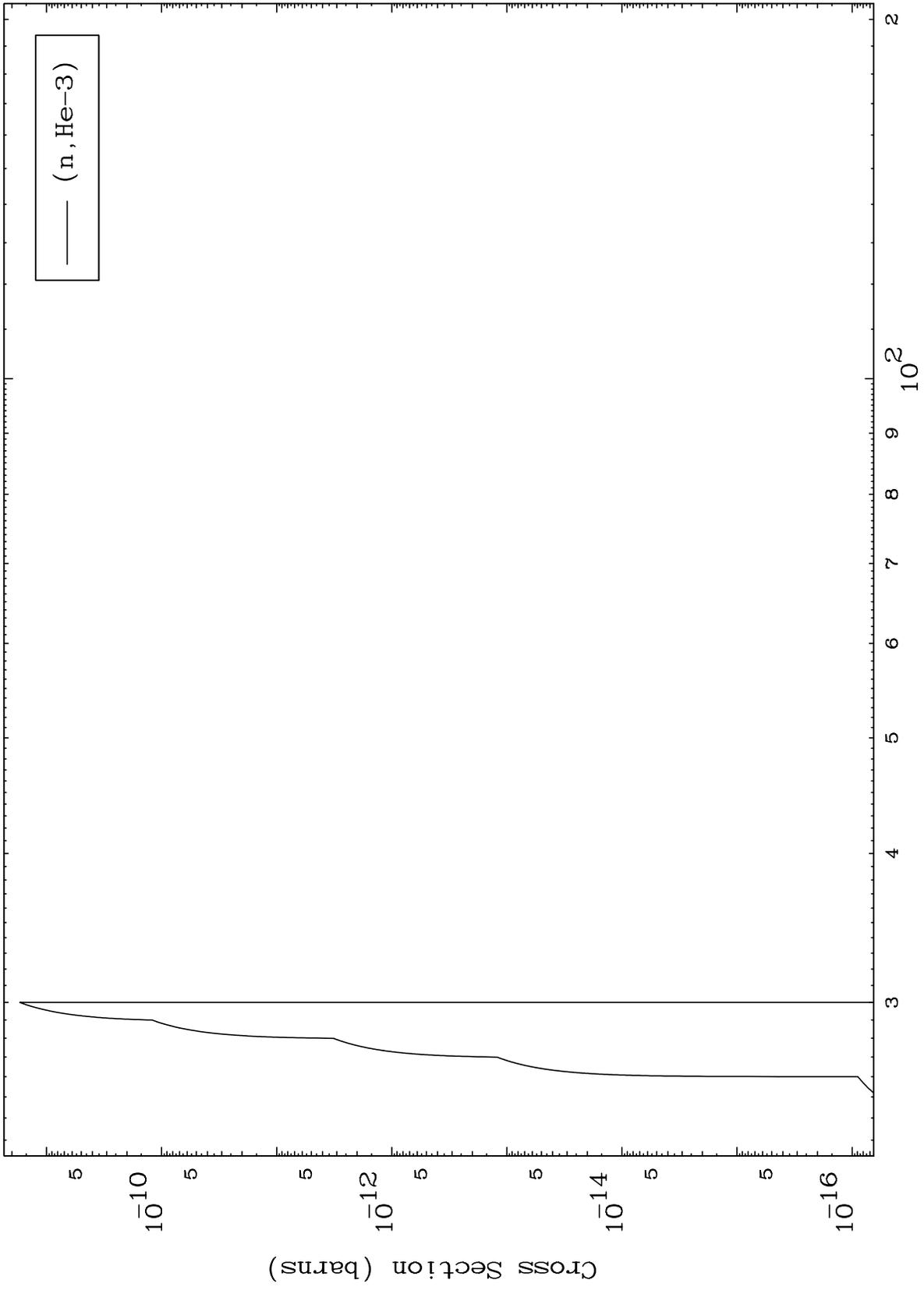
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-78



12

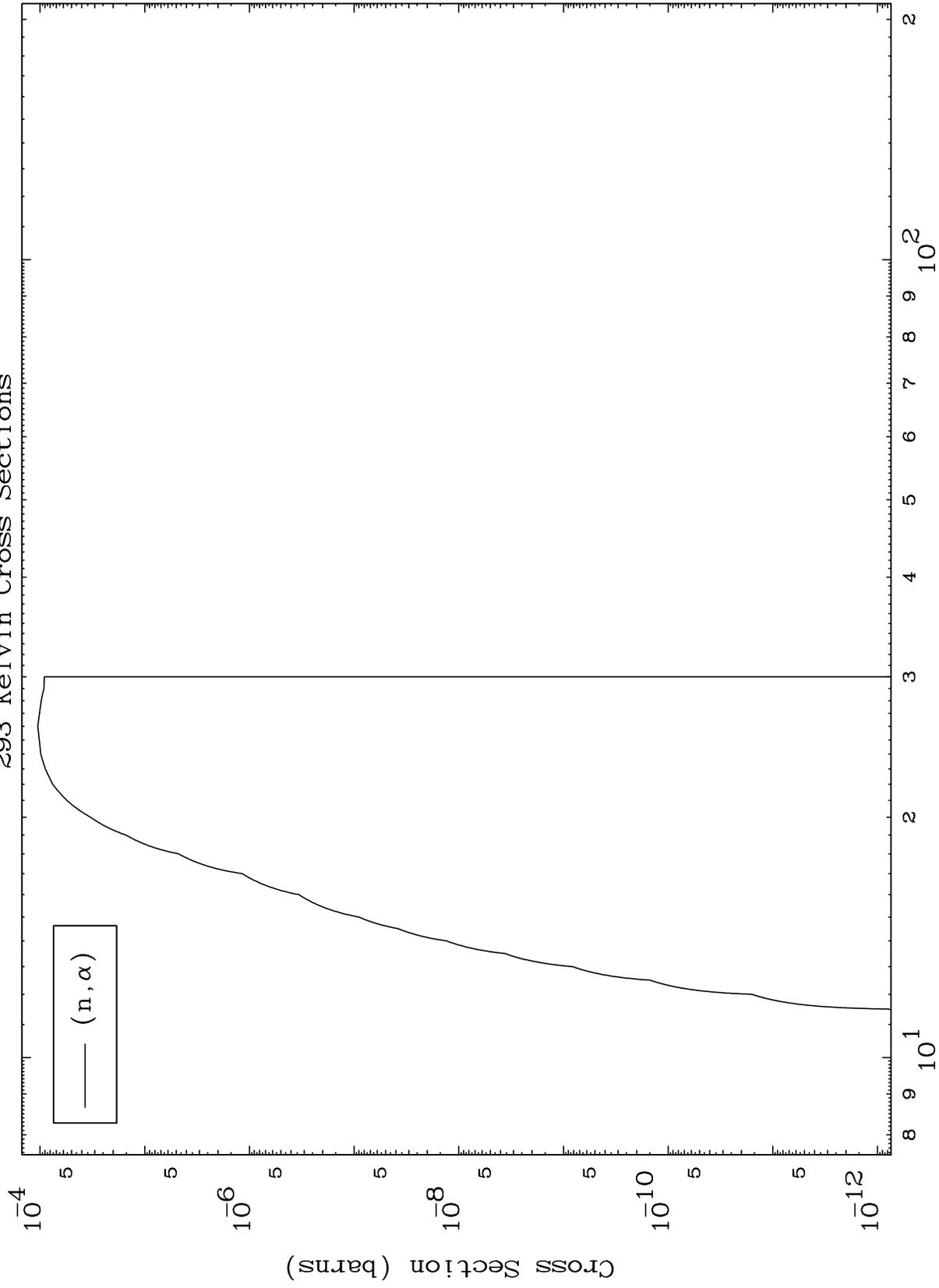
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,α) Levels  
293 Kelvin Cross Sections

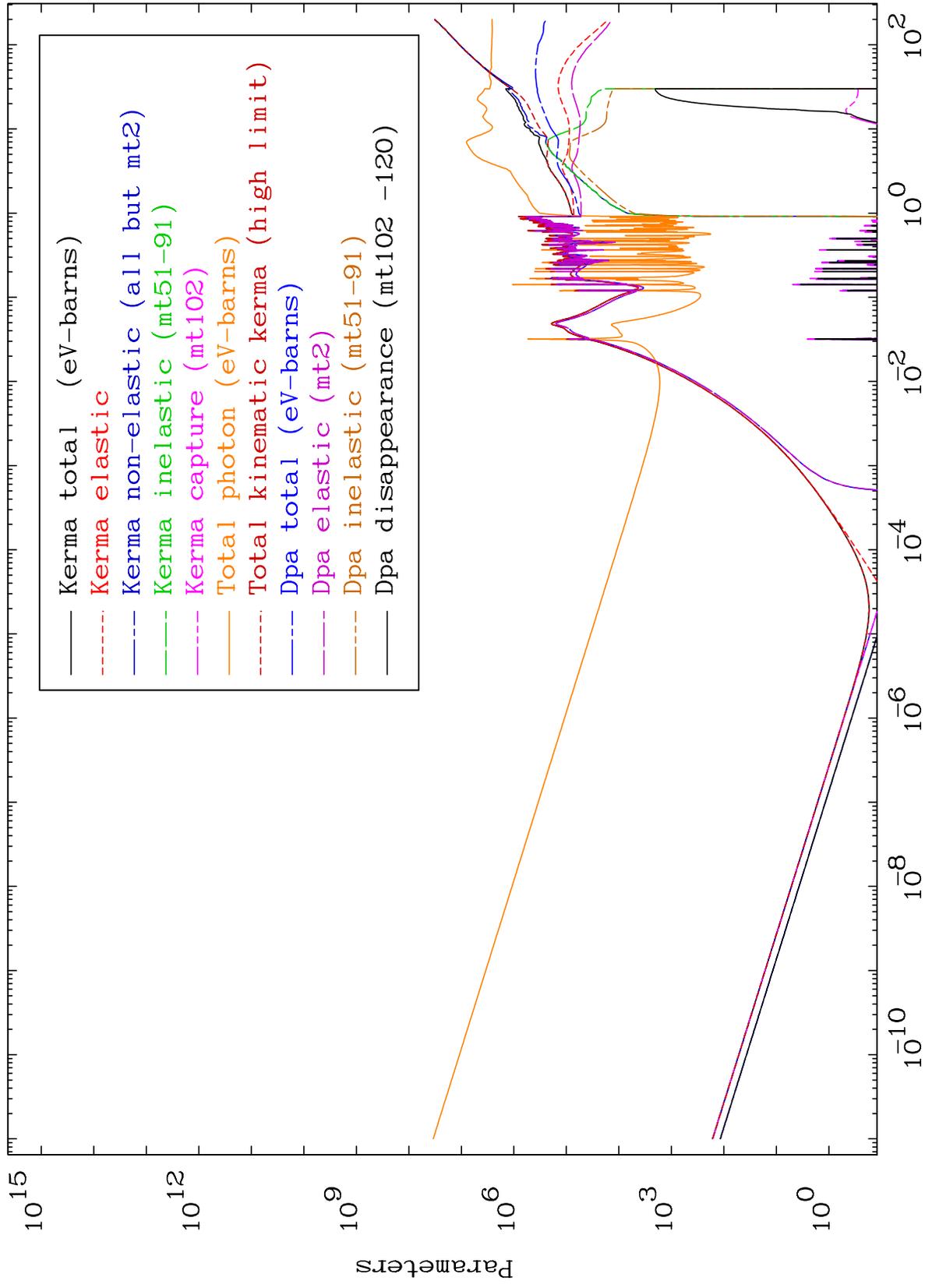
30-Zn-78



13

Incident Energy (MeV)

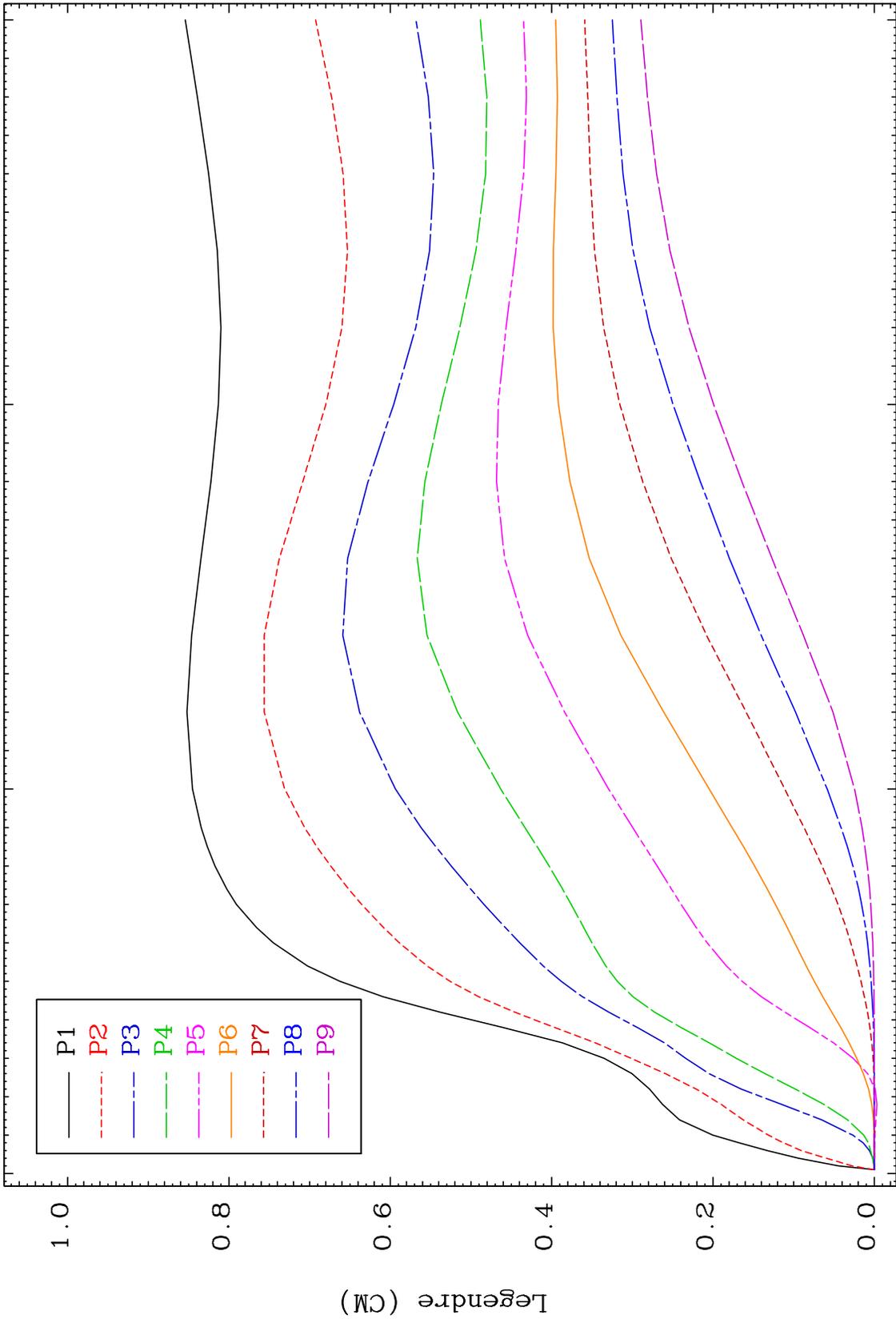
30-Zn-78



MAT 3067

Elastic Legendre Coefficients

30-Zn-78



15

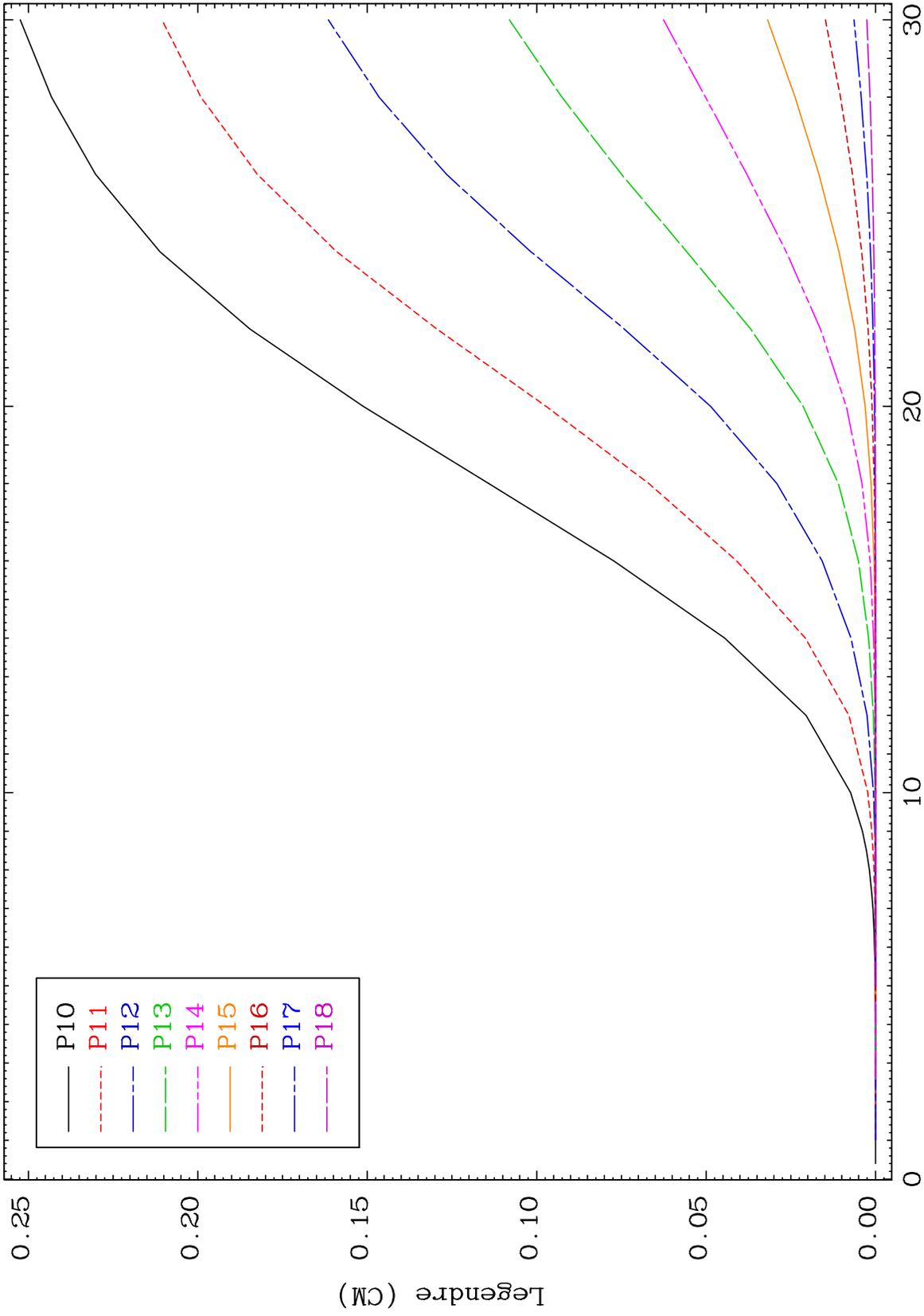
Incident Energy (MeV)

30-Zn-78

MAT 3067

Elastic Legendre Coefficients

30-Zn-78



16

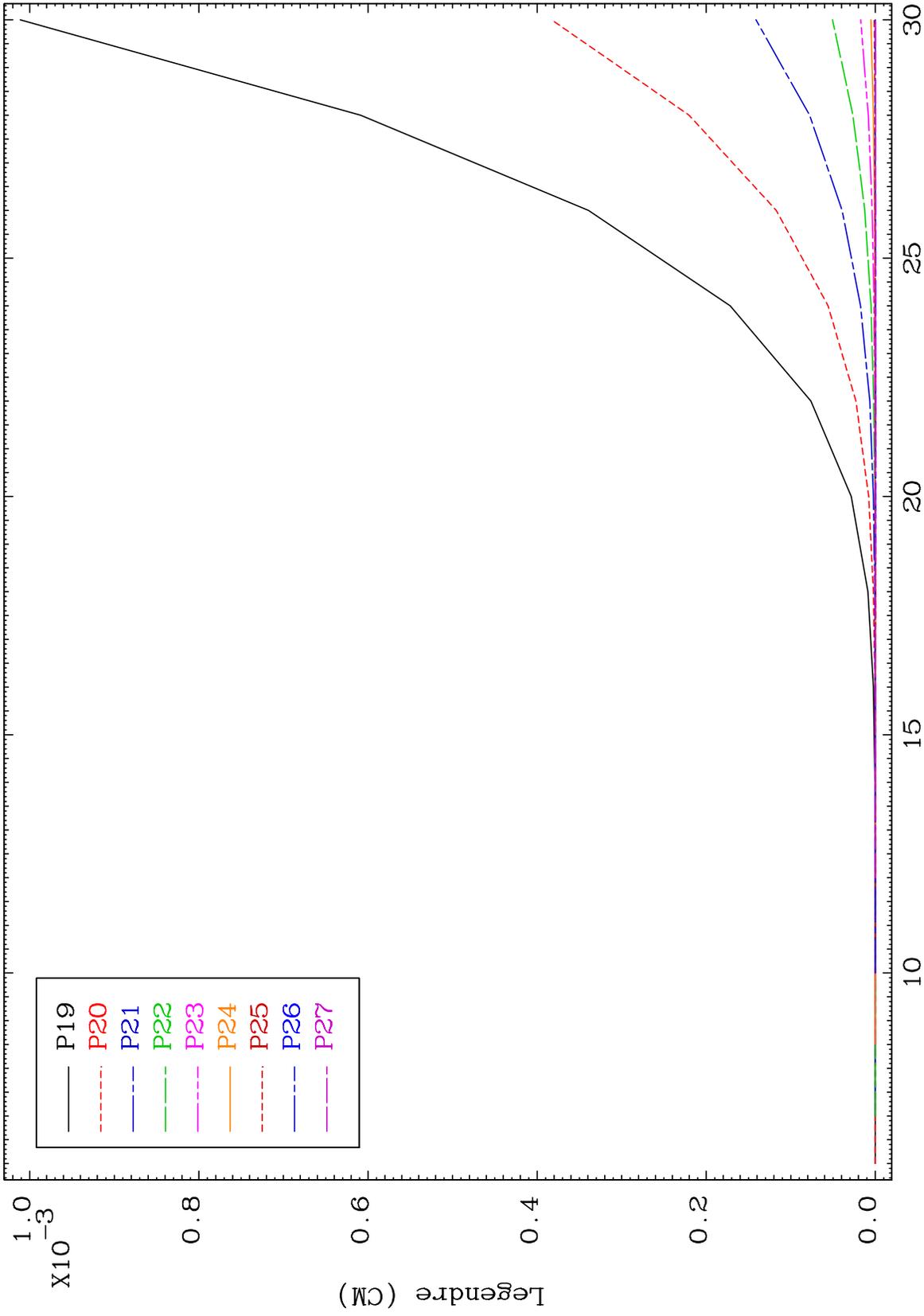
Incident Energy (MeV)

30-Zn-78

MAT 3067

### Elastic Legendre Coefficients

30-Zn-78



17

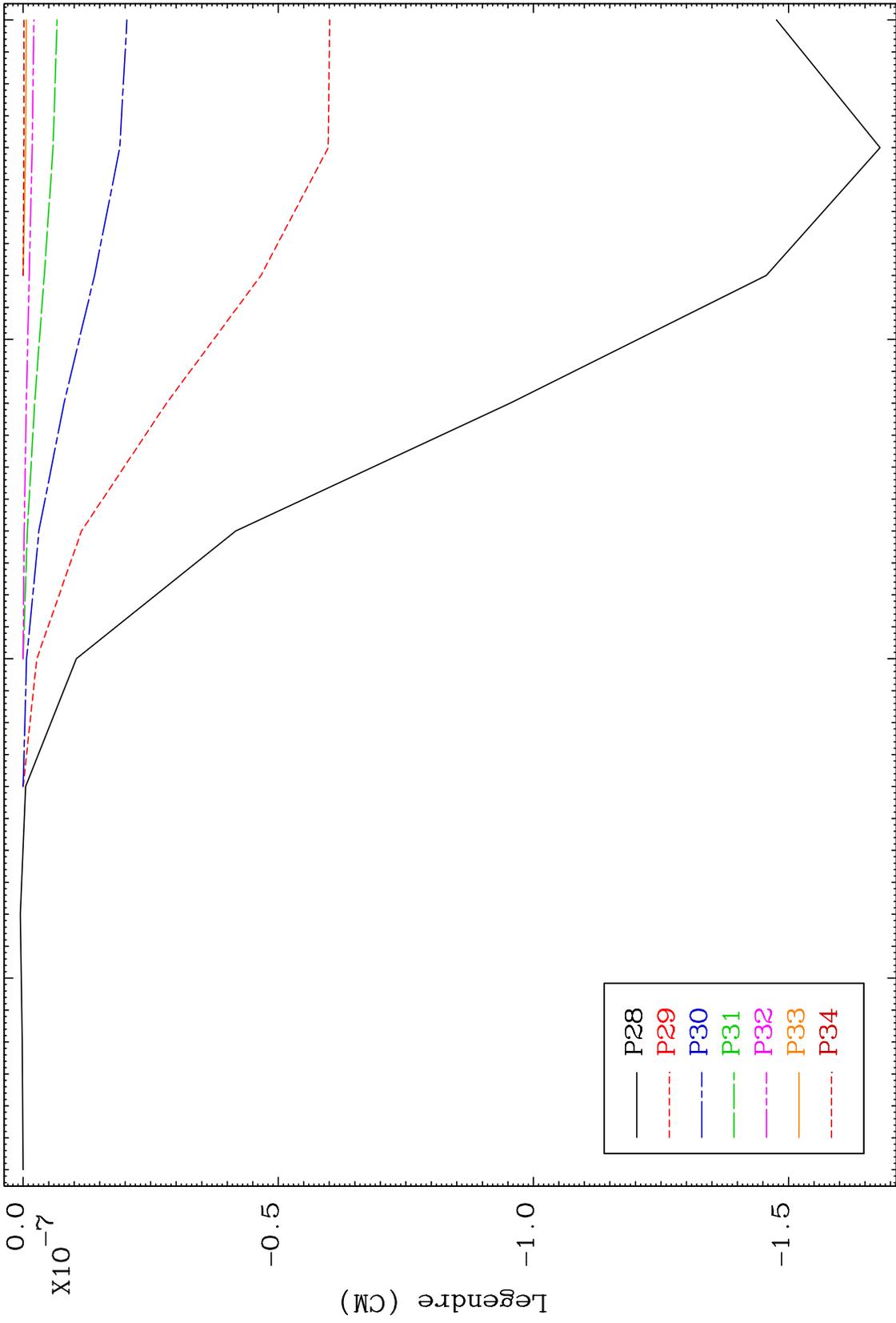
Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

Elastic  
Legendre Coefficients

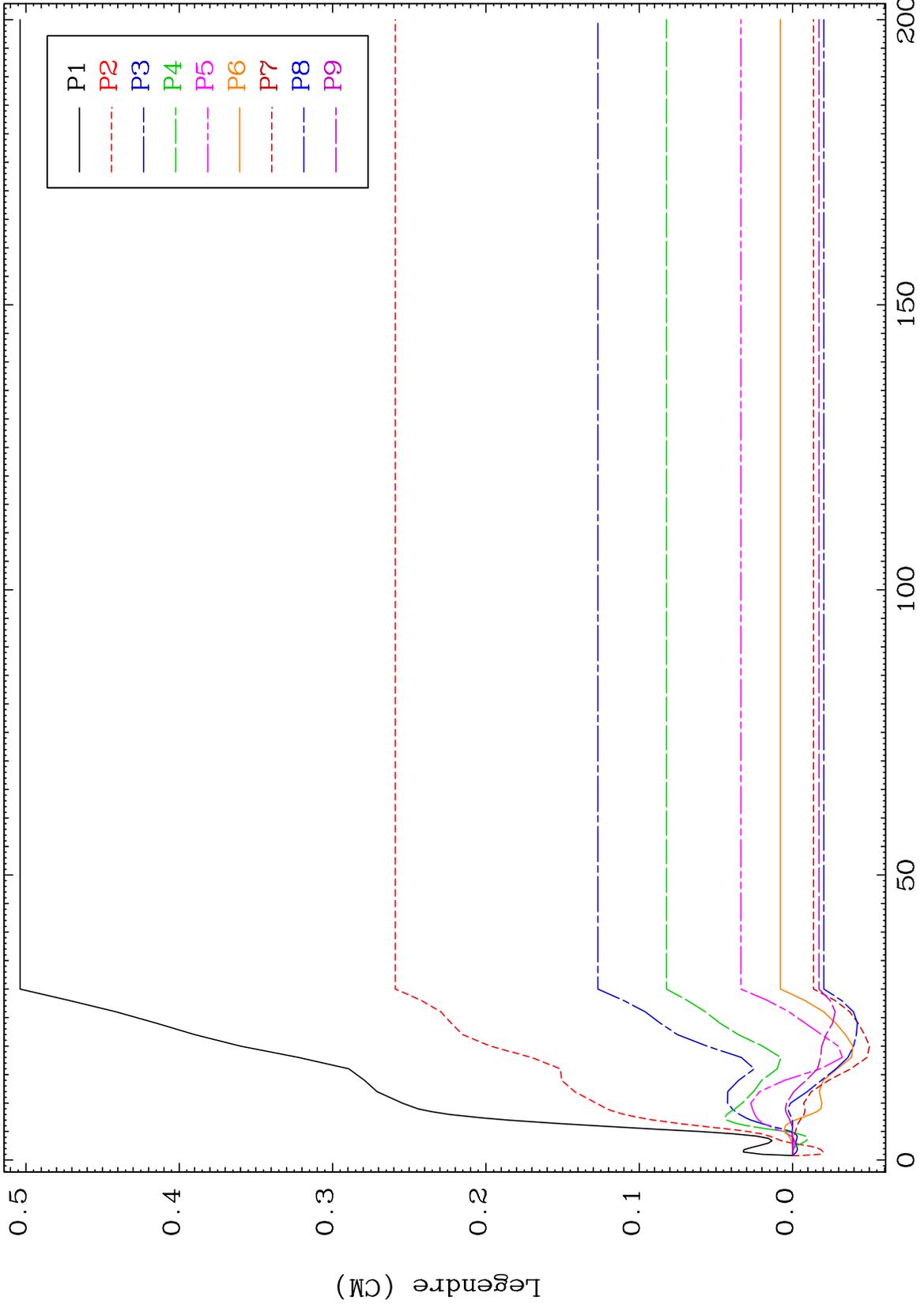


18

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-78

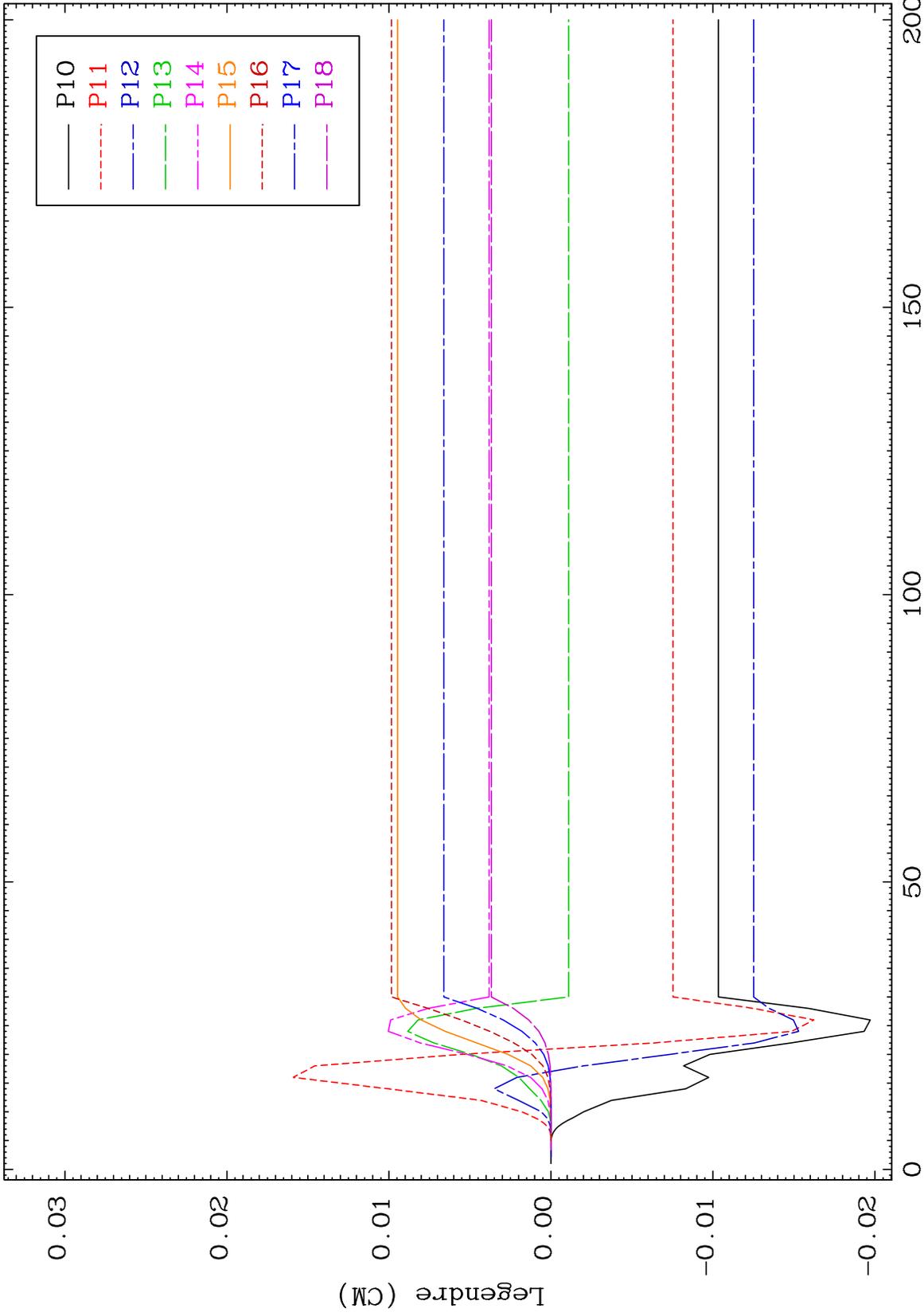


19 30-Zn-78

MAT 3067

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

30-Zn-78



0

50

100

150

200

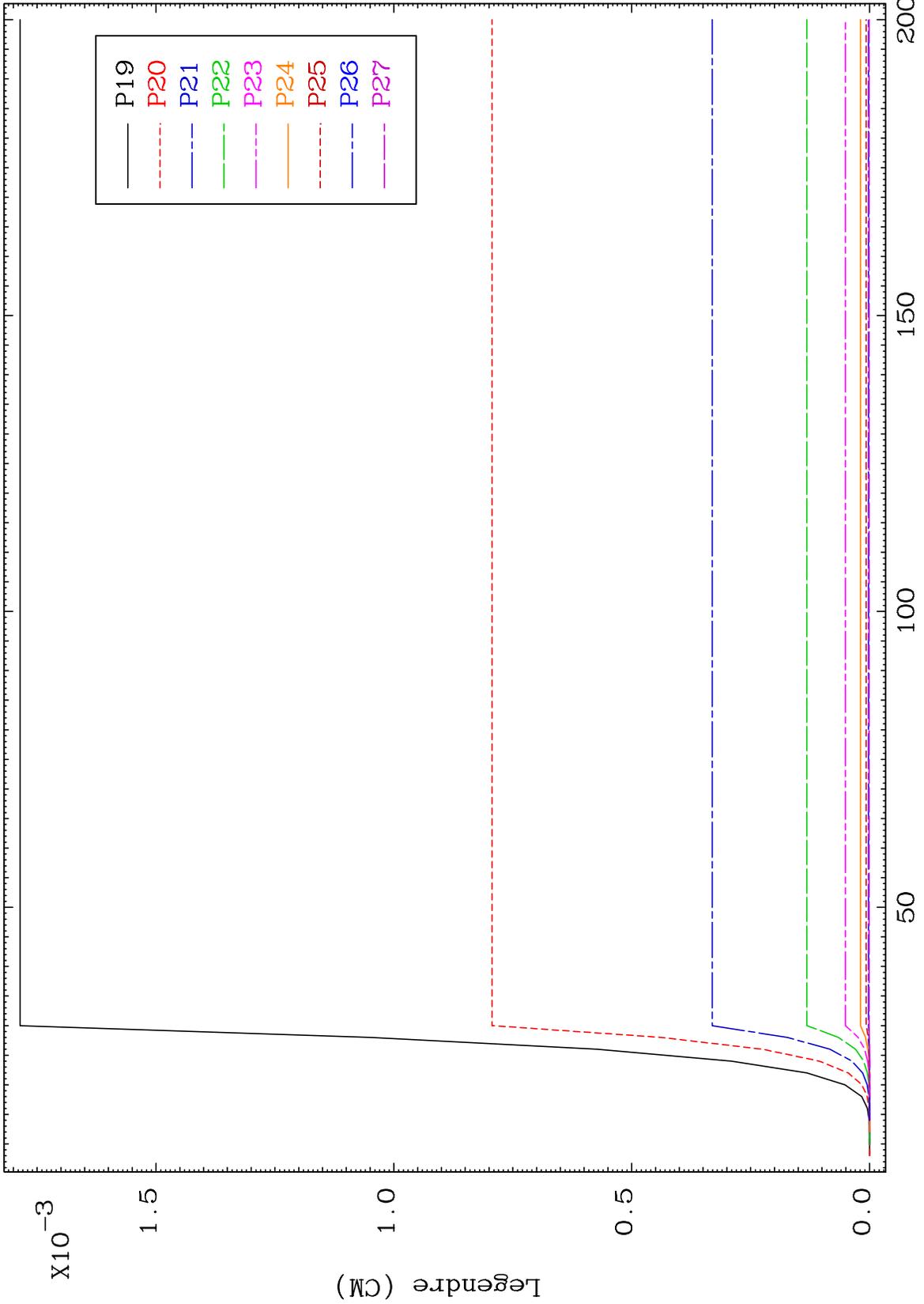
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



21

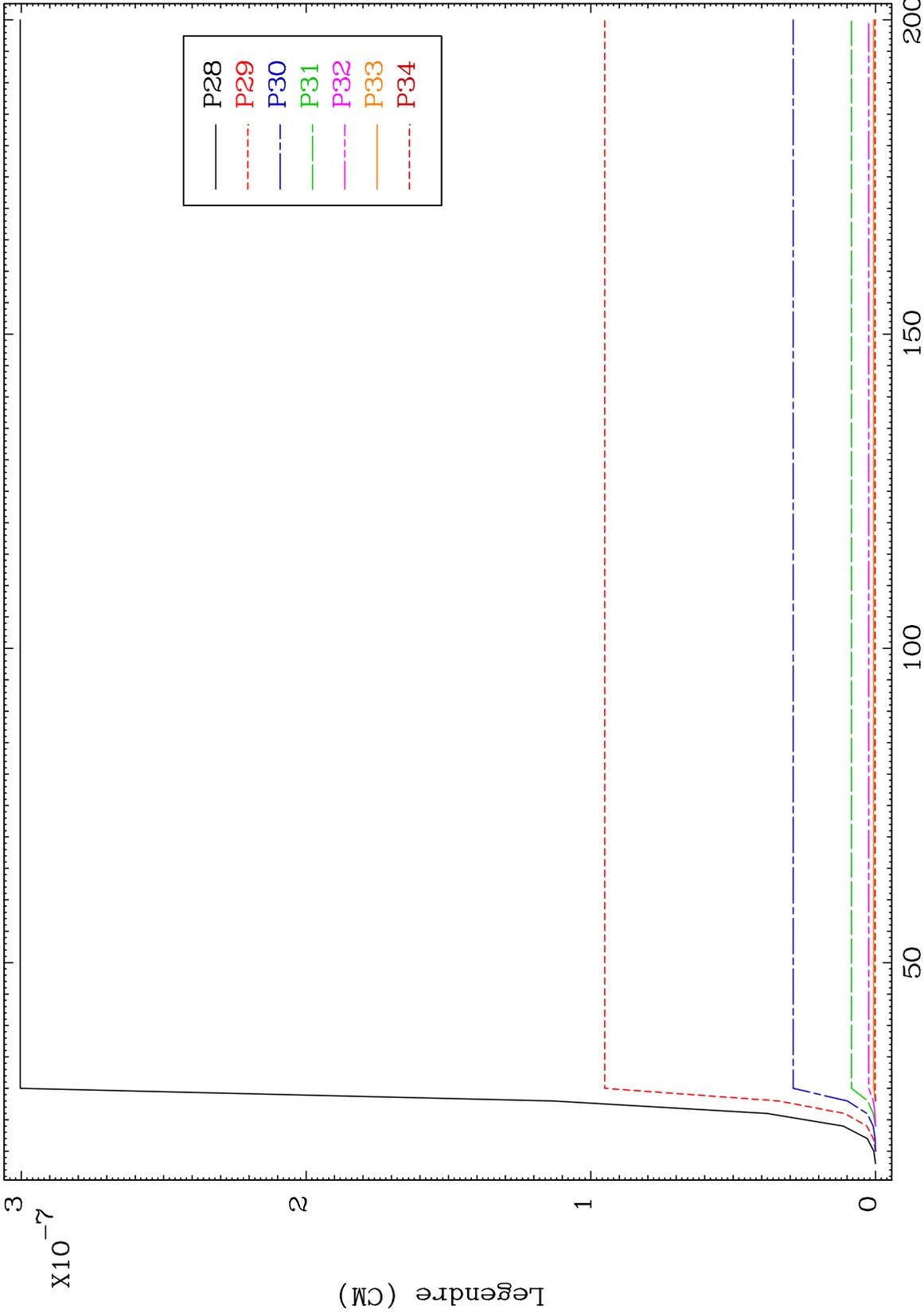
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

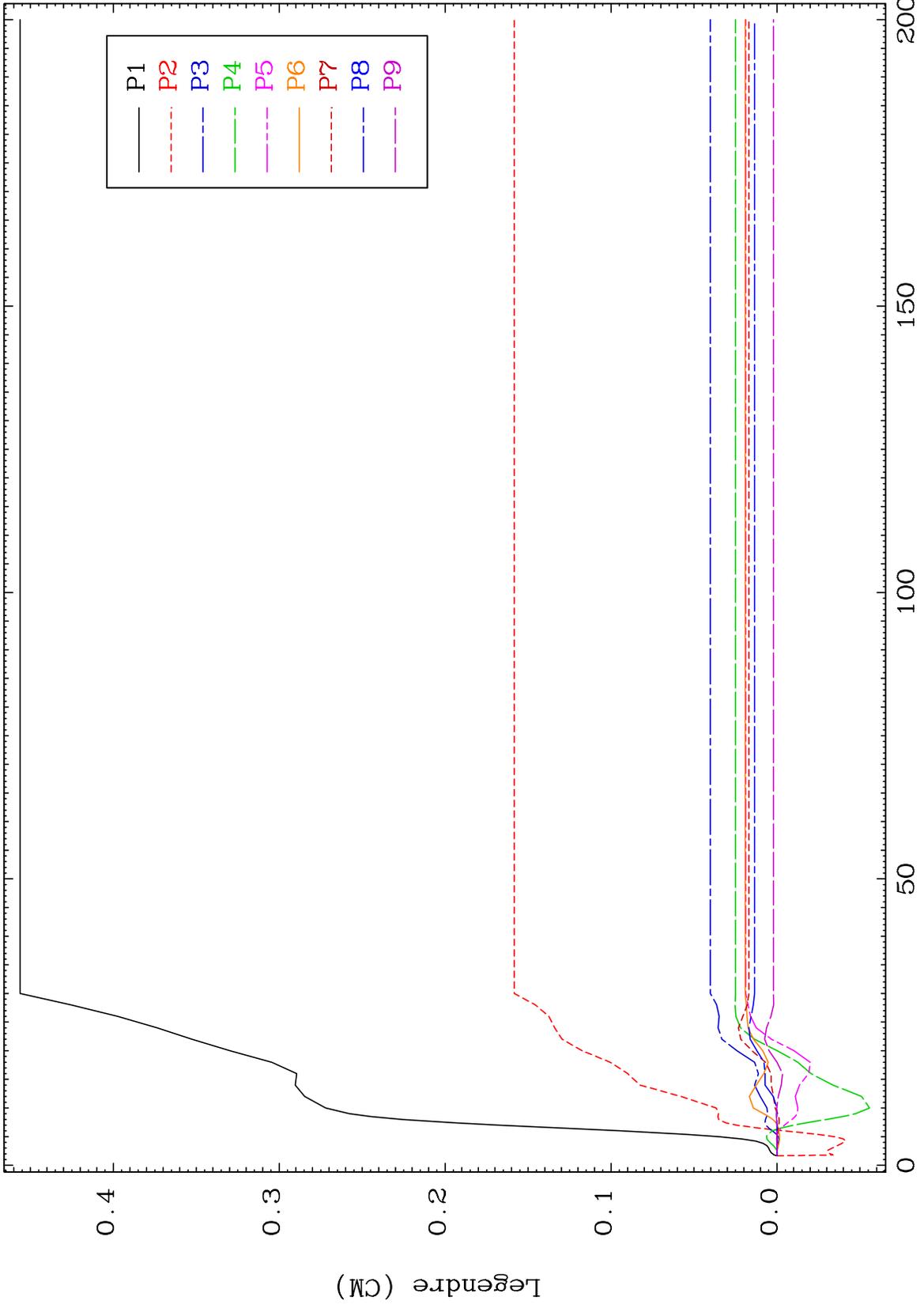


22

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-78

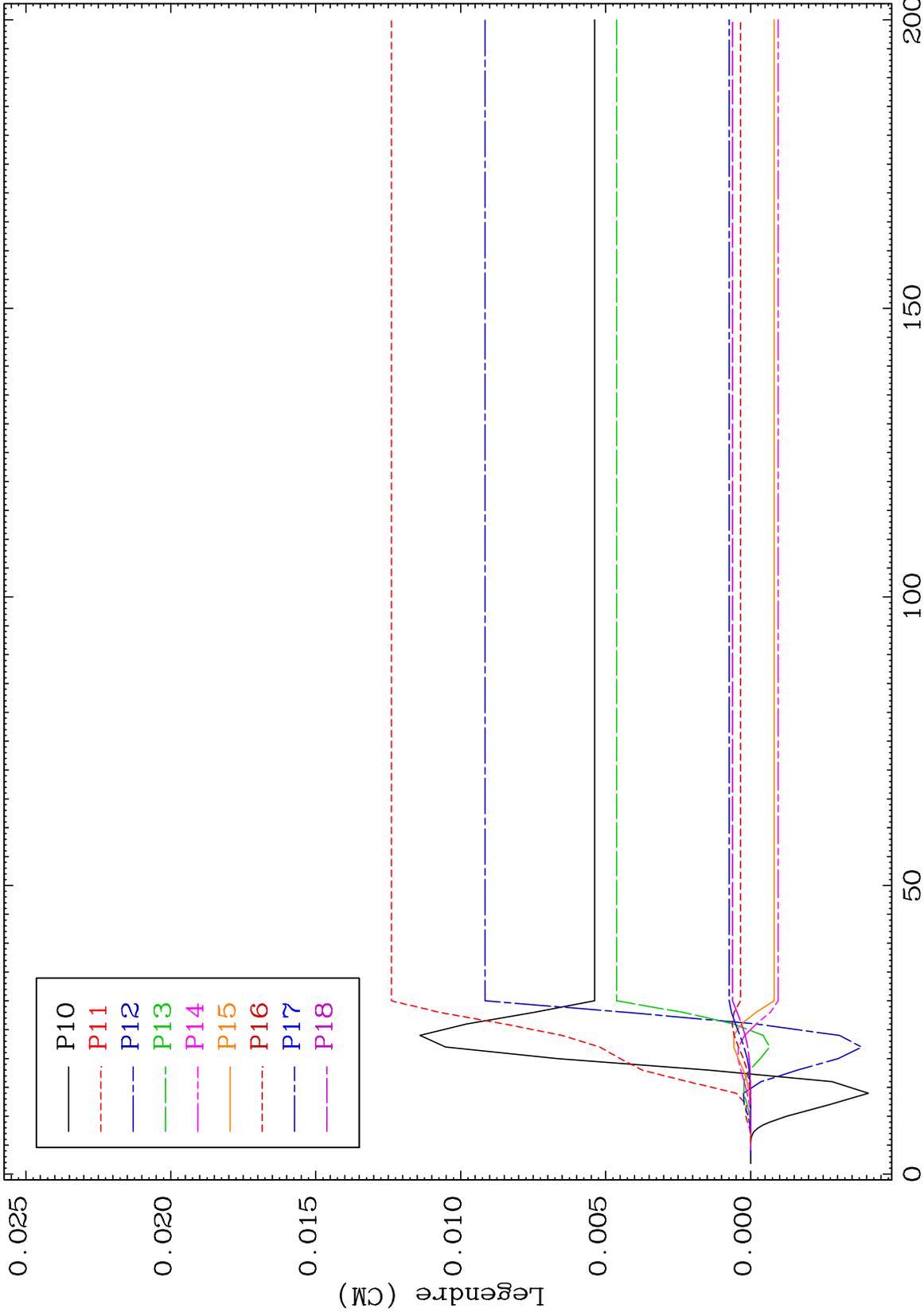


30-Zn-78 Incident Energy (MeV) 23

MAT 3067

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

30-Zn-78



24

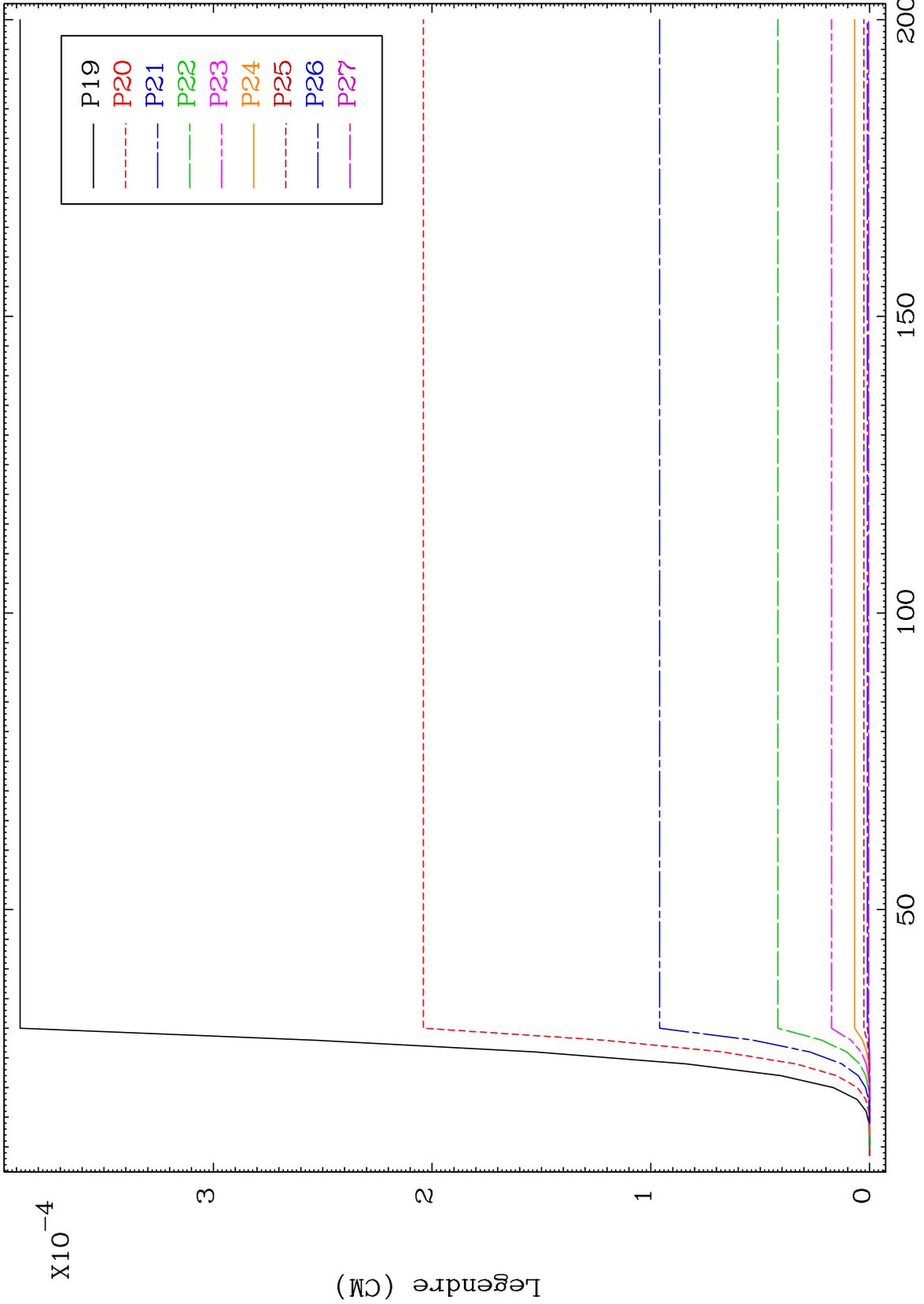
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



25

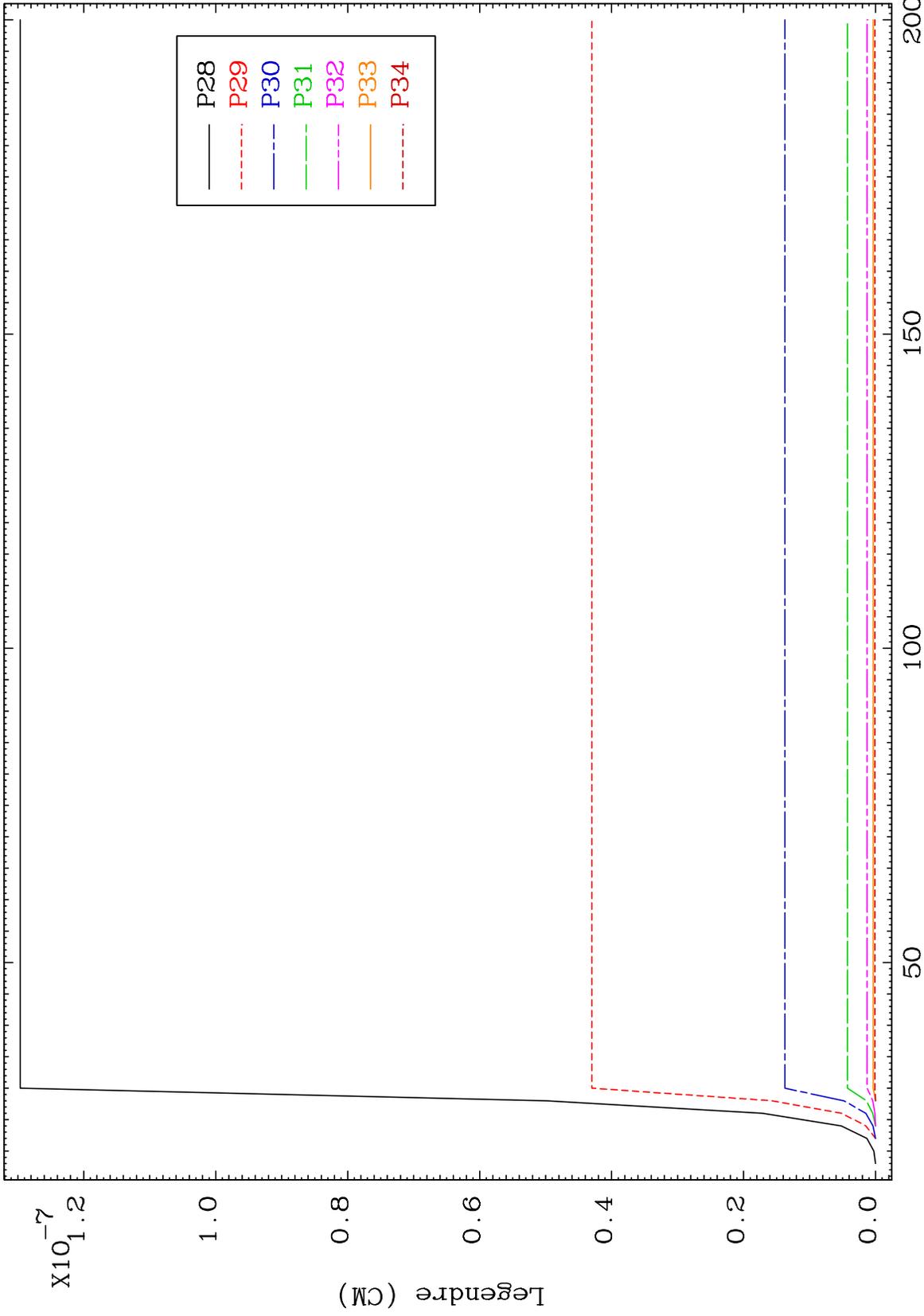
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



26

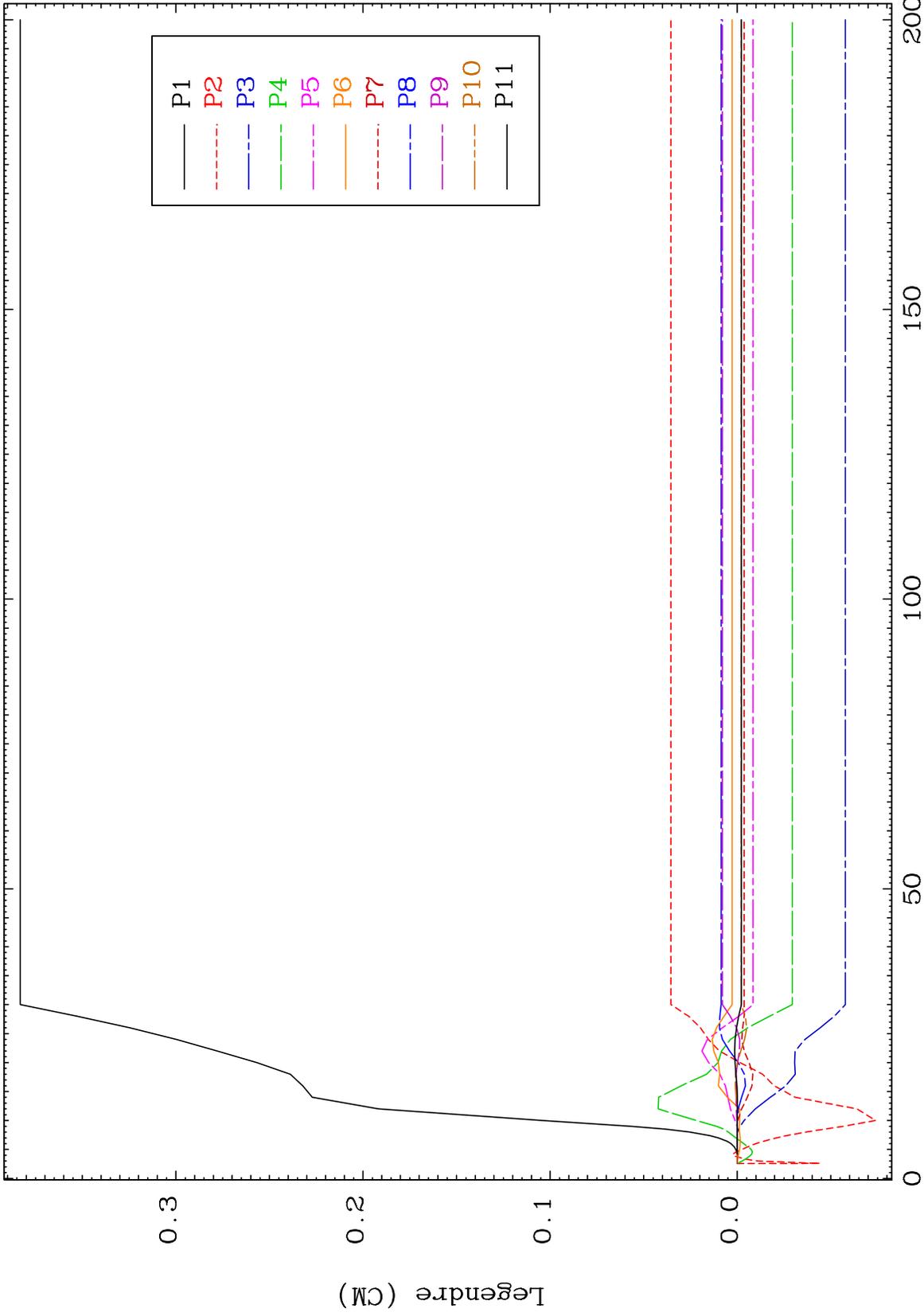
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



27

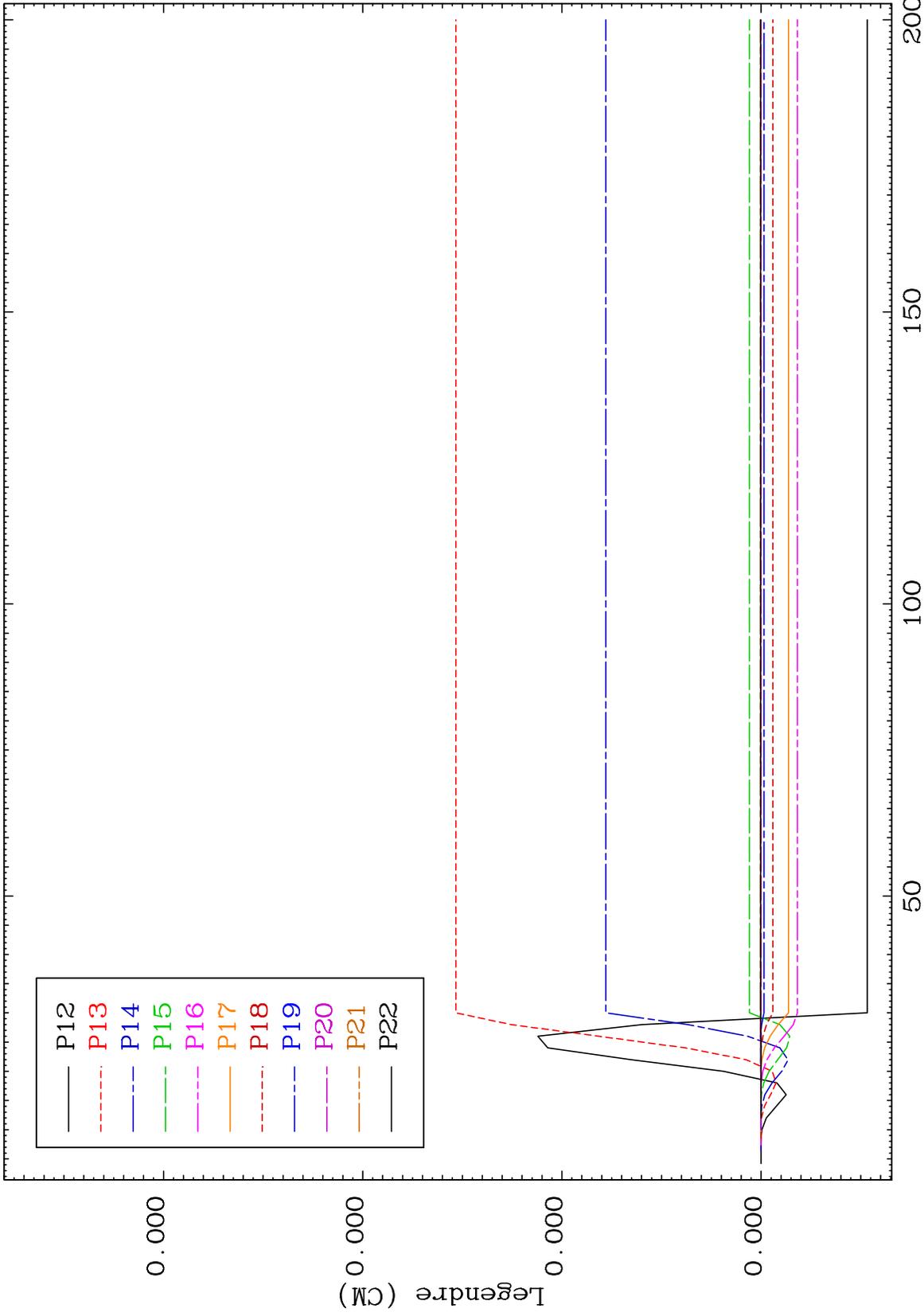
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



28

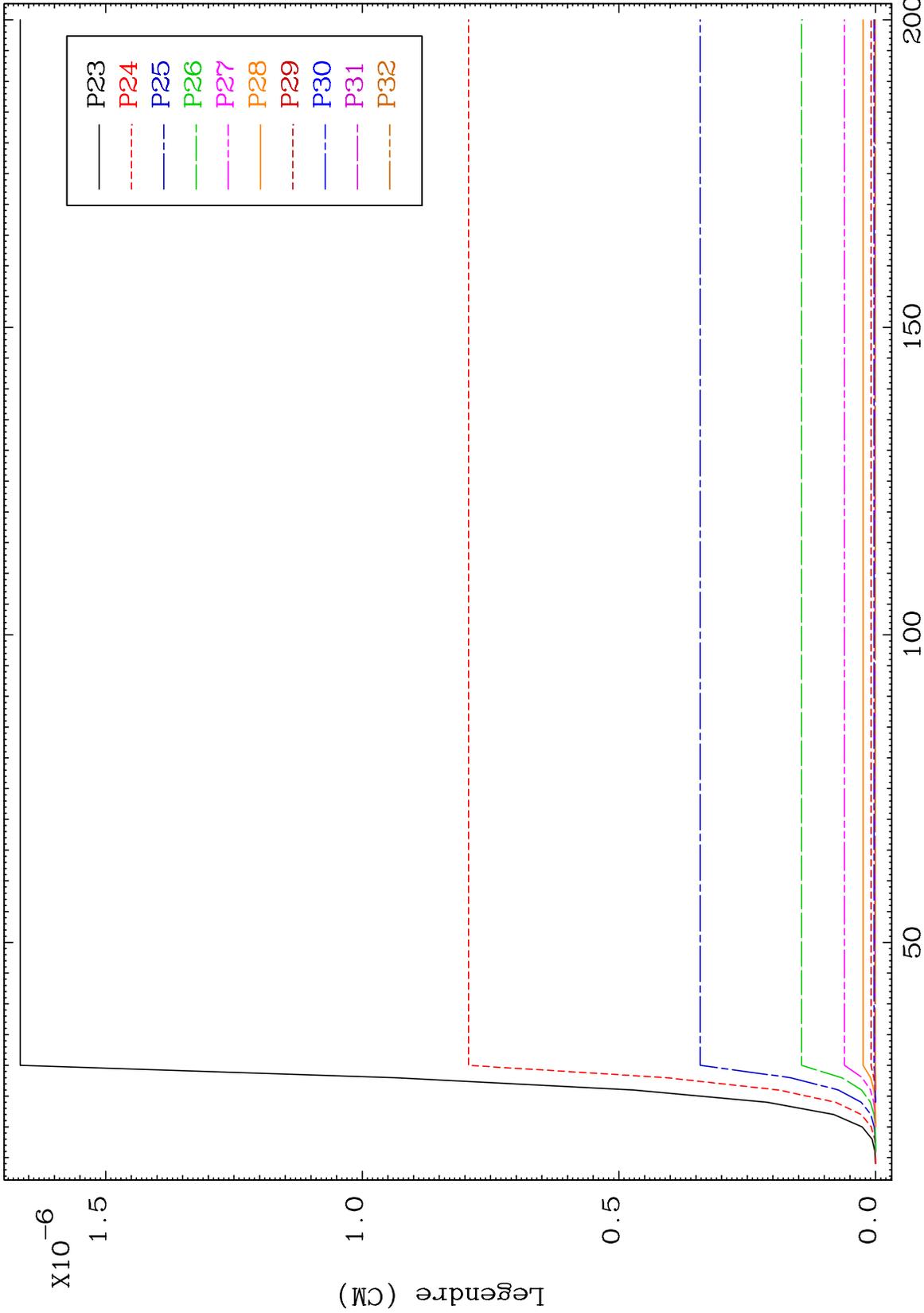
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



29

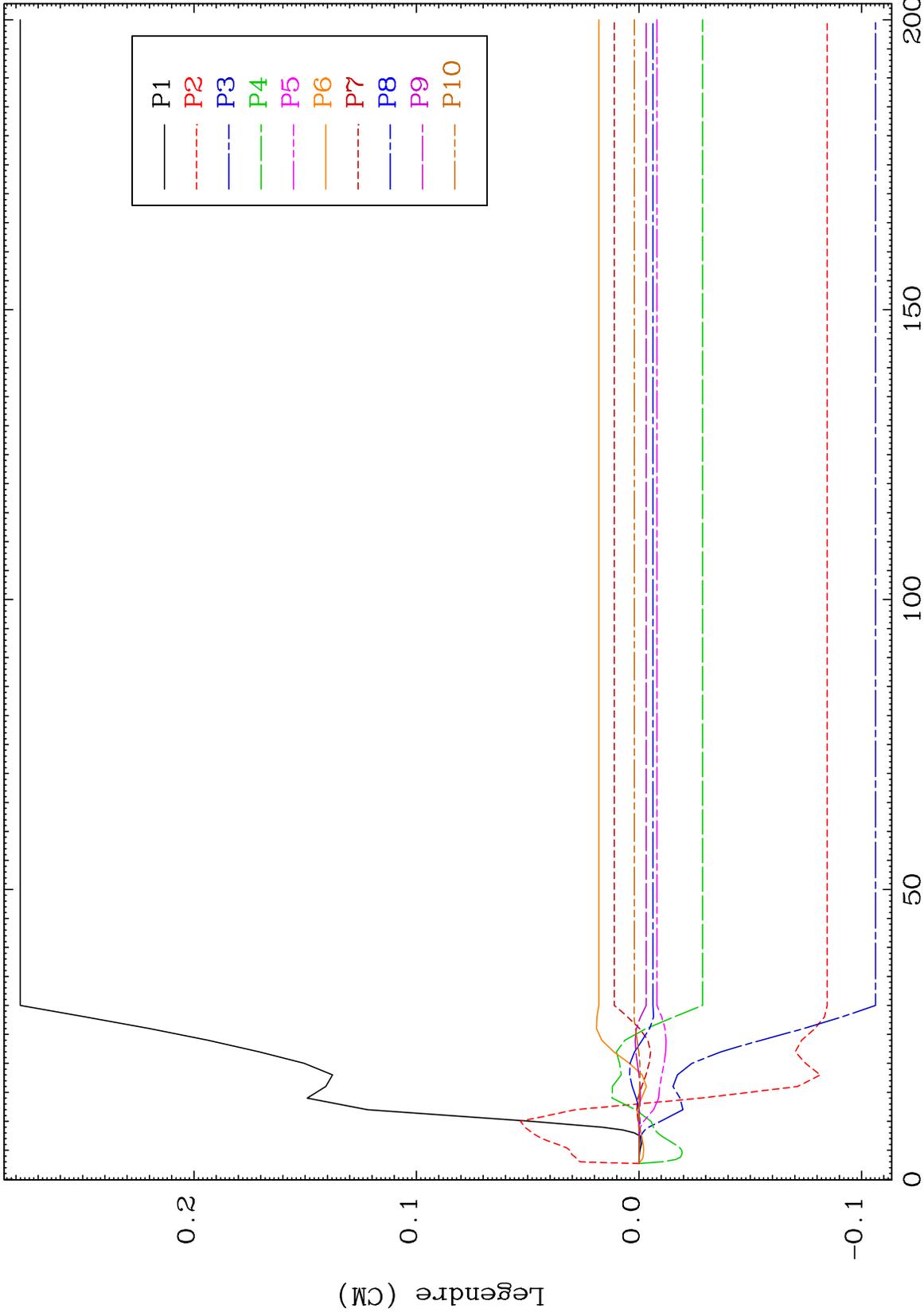
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

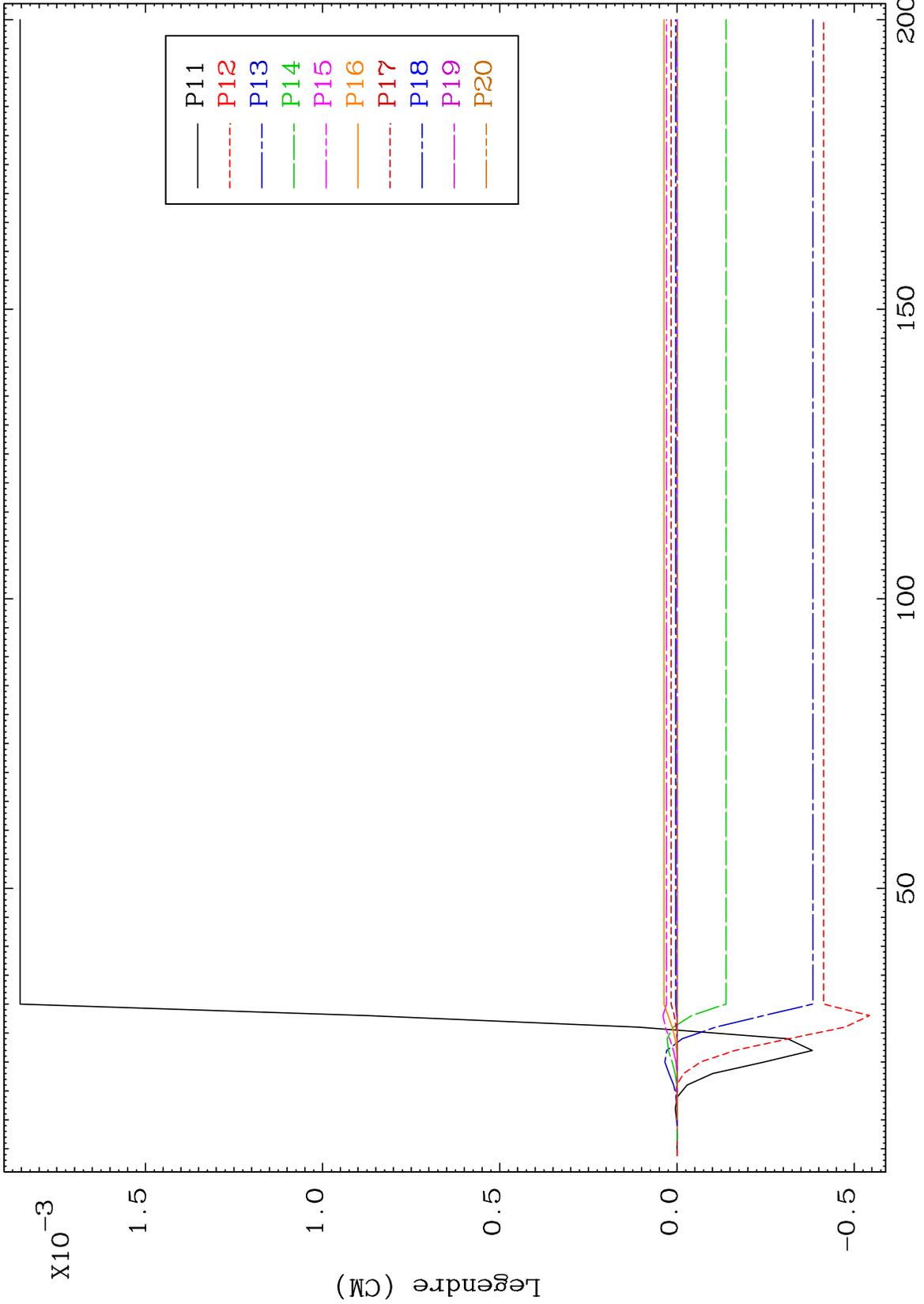
30-Zn-78



MAT 3067

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

30-Zn-78



31

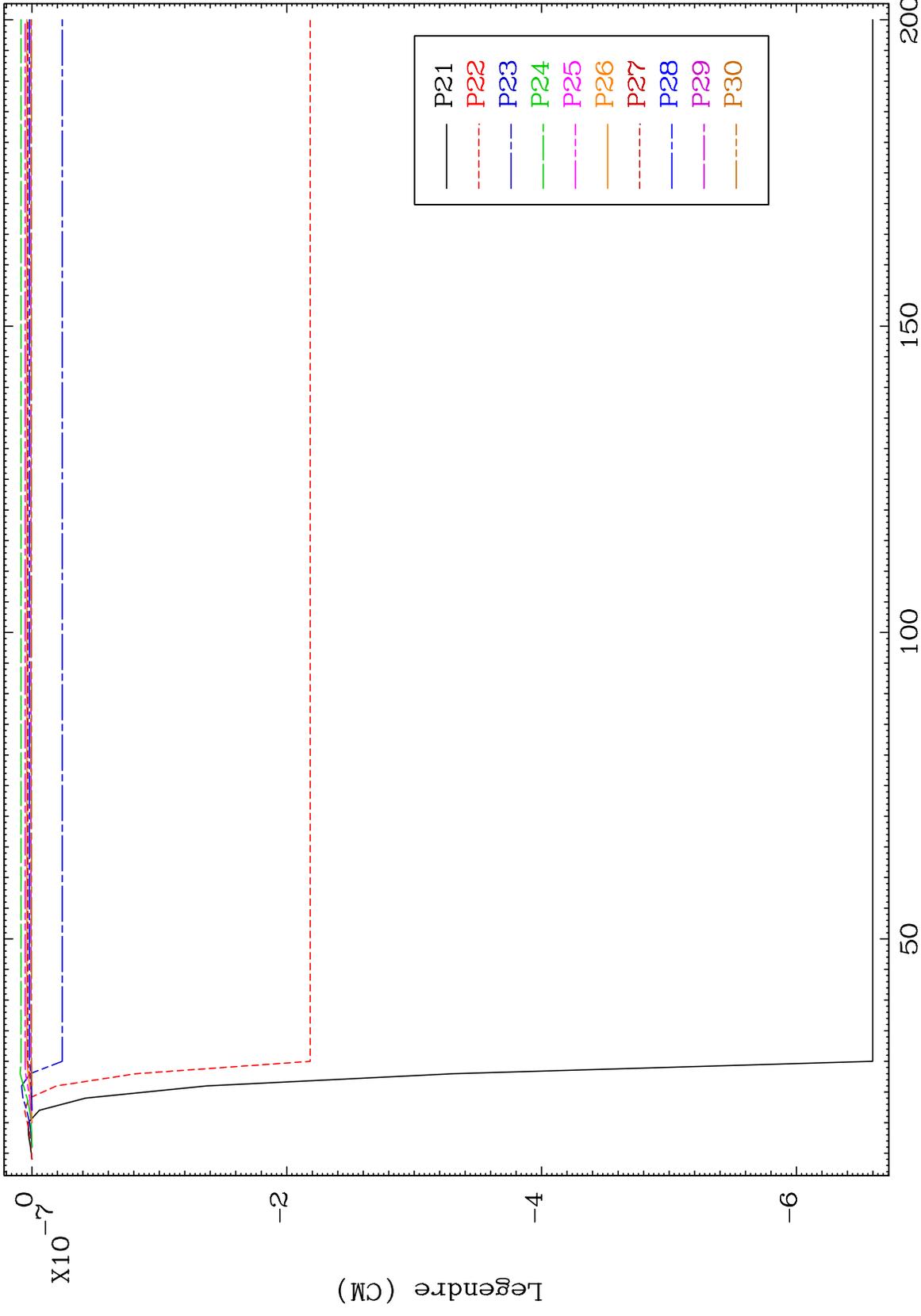
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

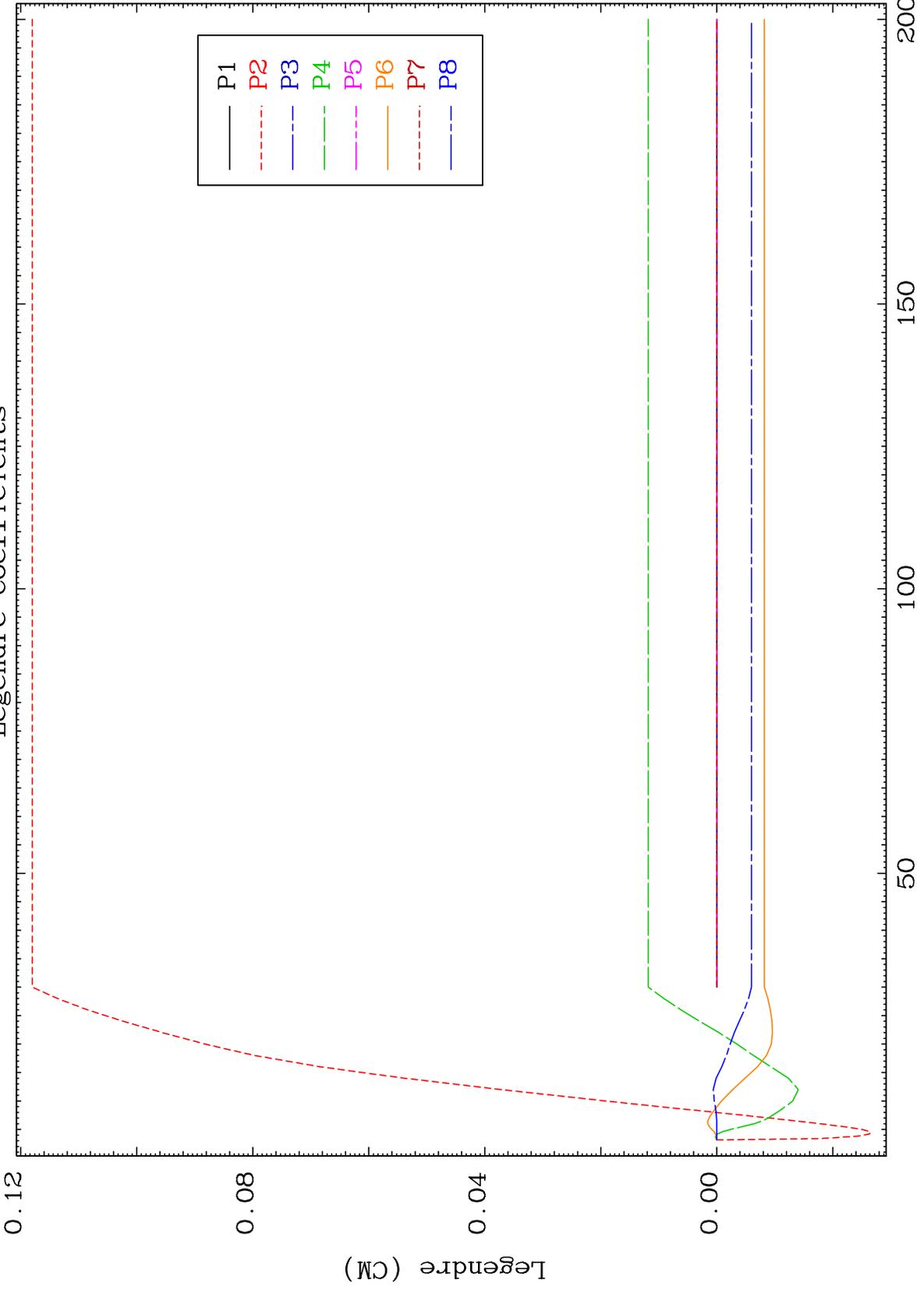


30-Zn-78

Incident Energy (MeV)

32

MAT 3067 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-78

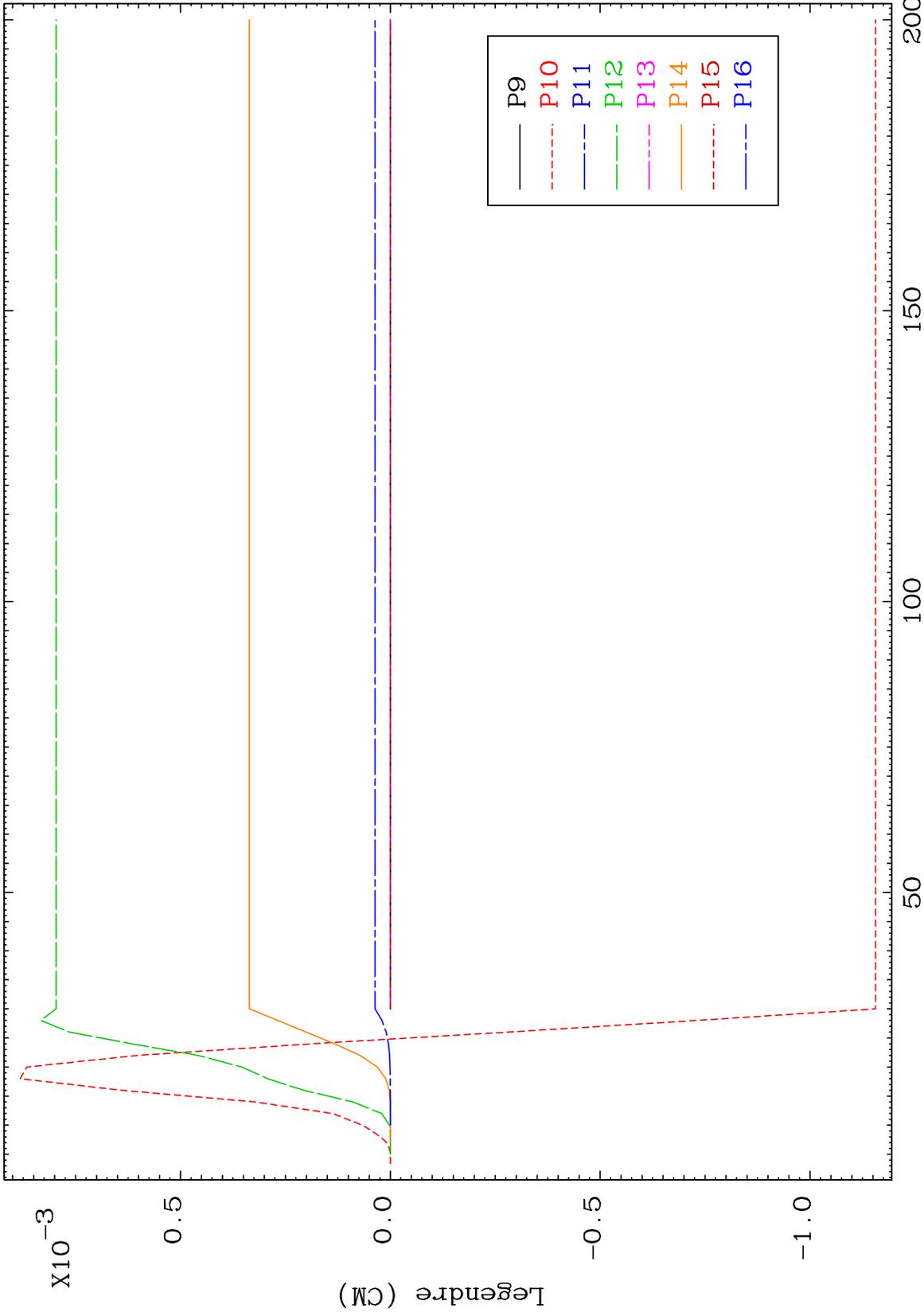


33 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78

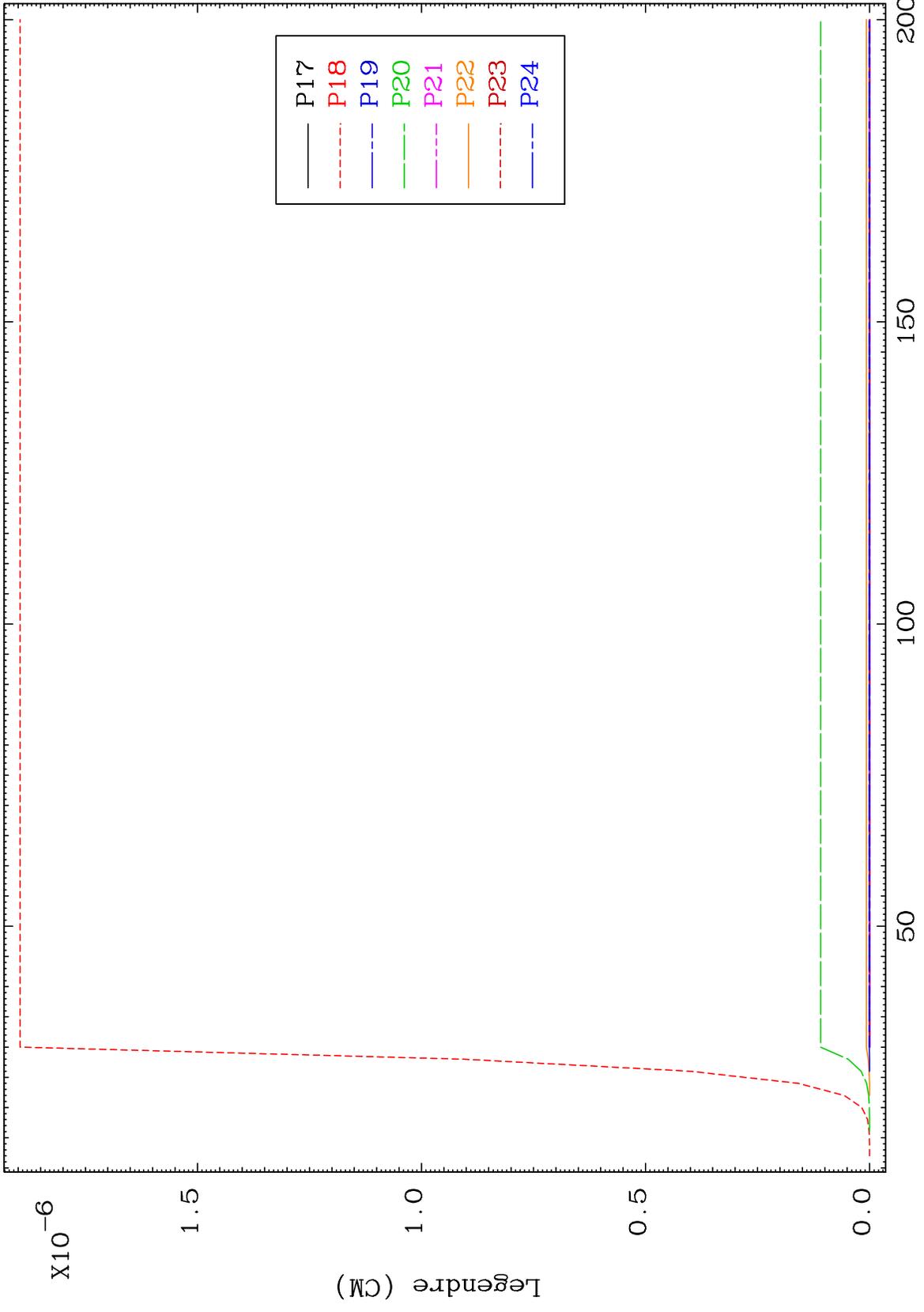


34

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-78

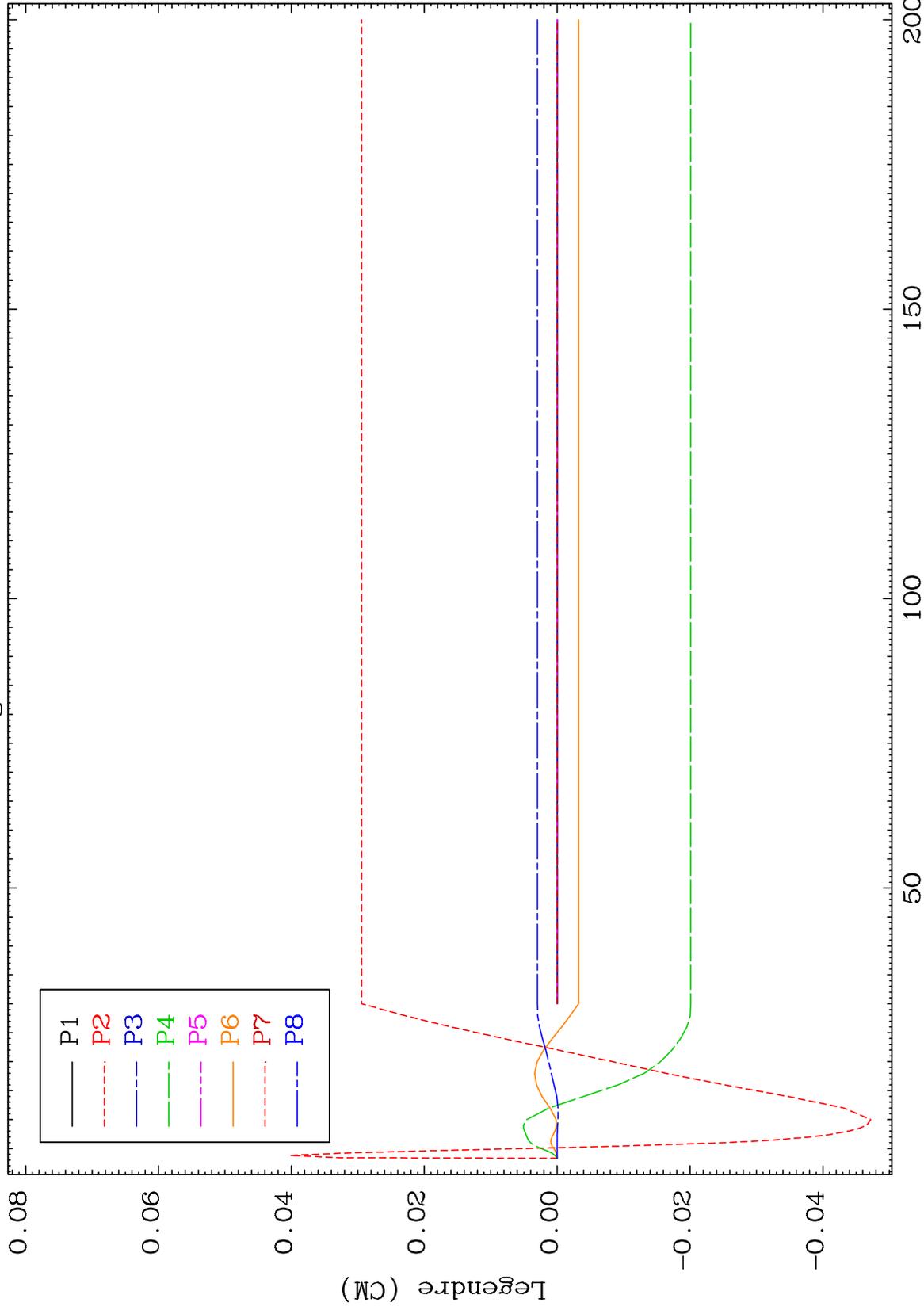


30-Zn-78

MAT 3067

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

30-Zn-78



36

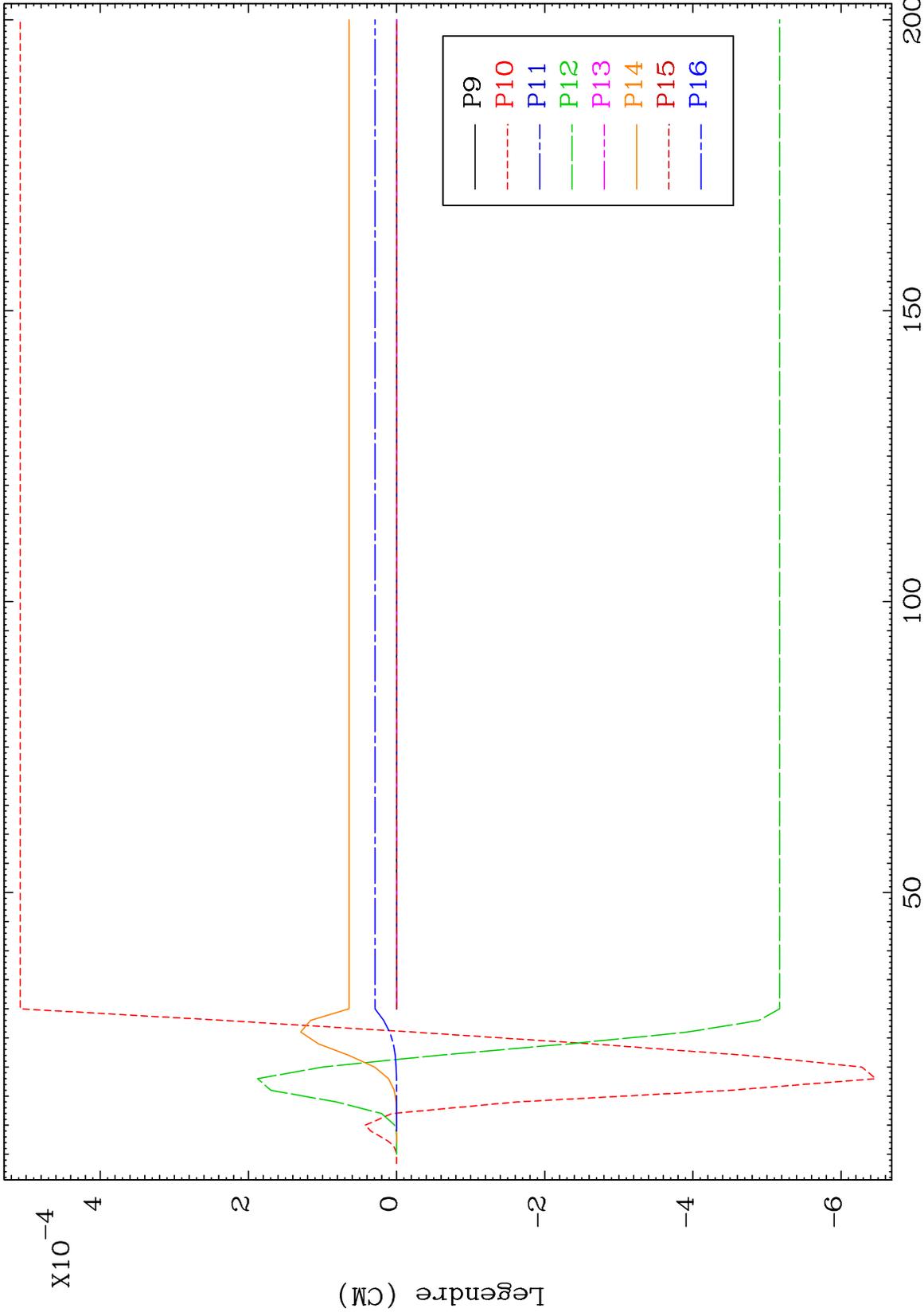
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

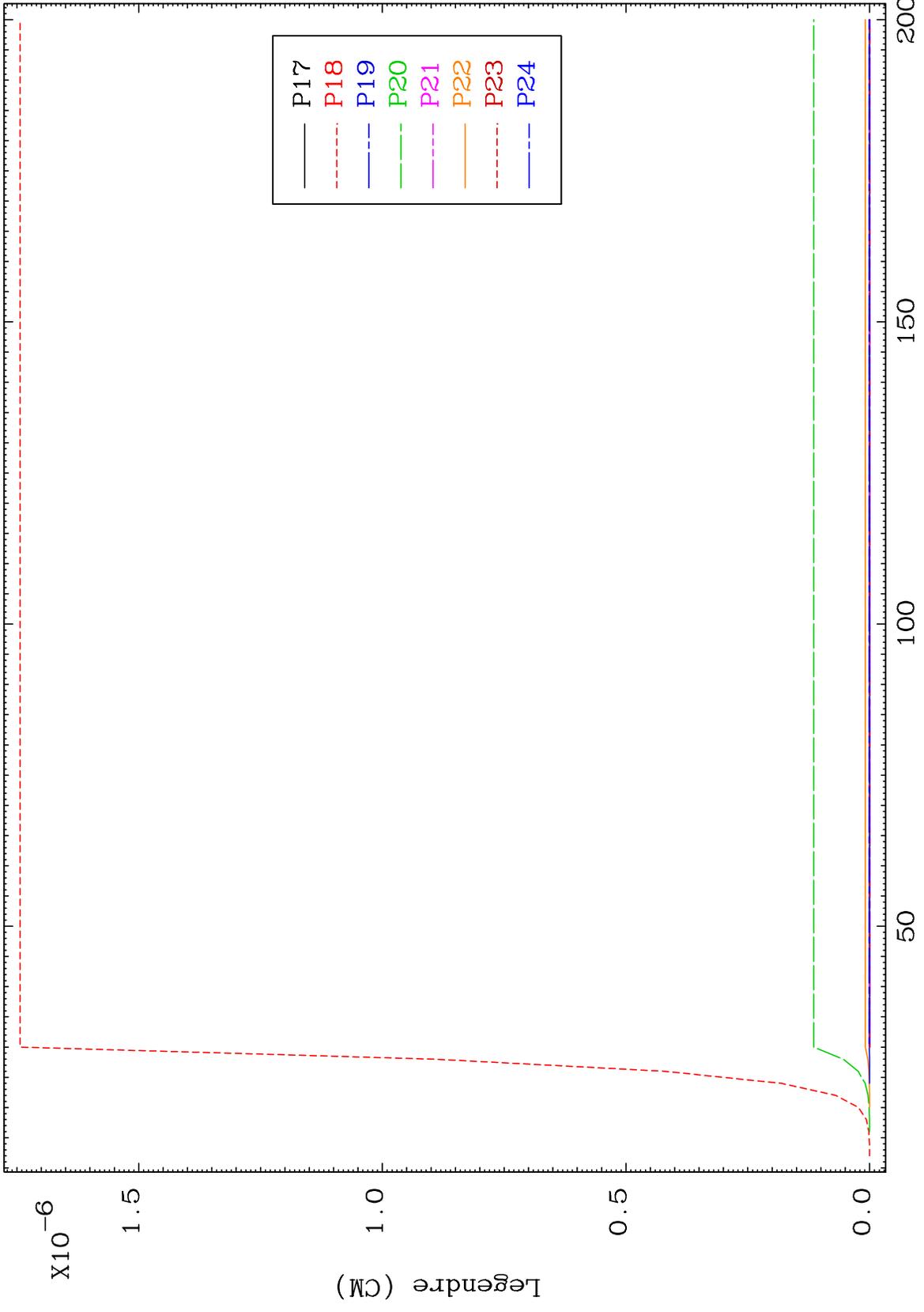


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Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-78

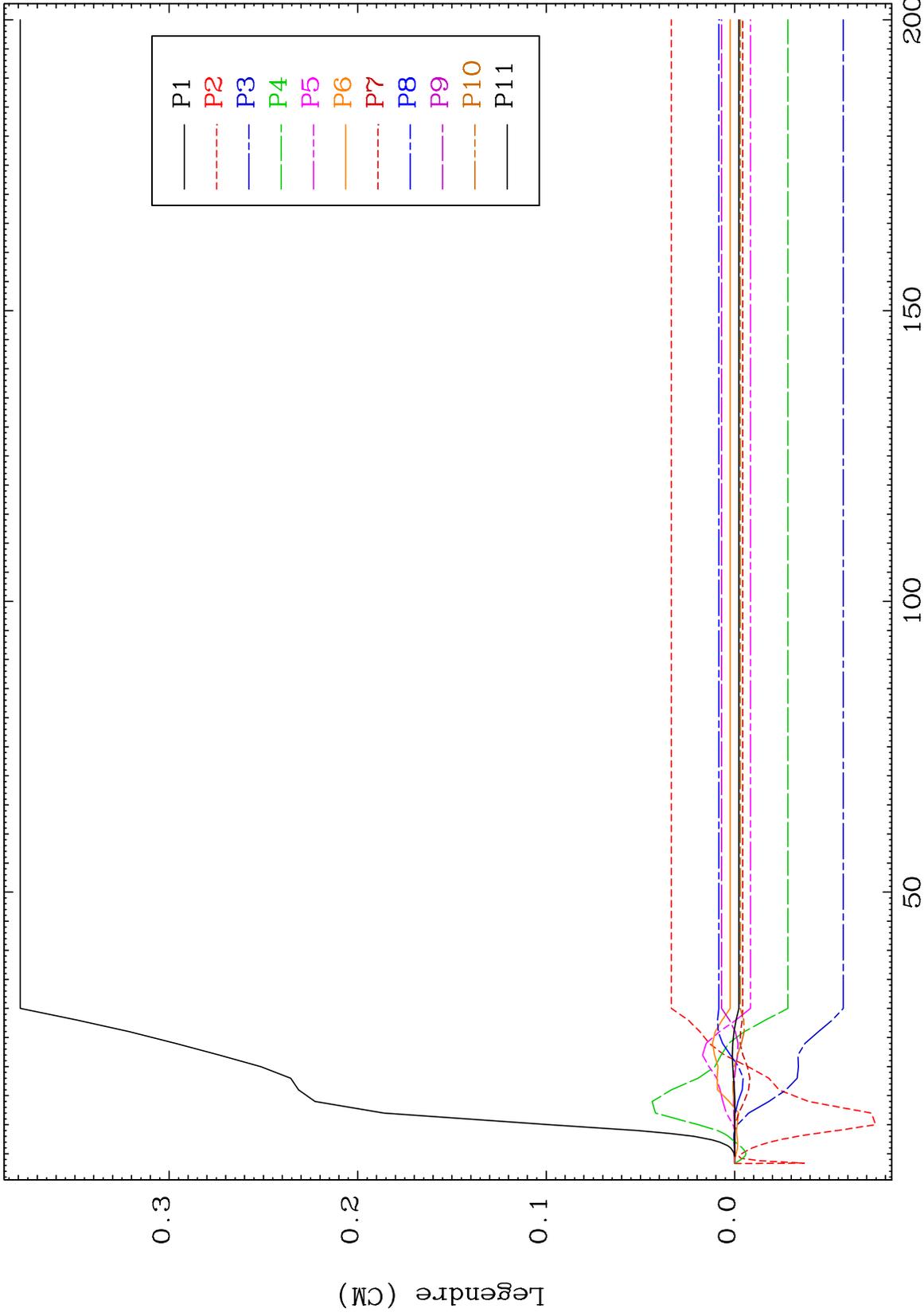


38 Incident Energy (MeV) 200 30-Zn-78

MAT 3067

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

30-Zn-78



39

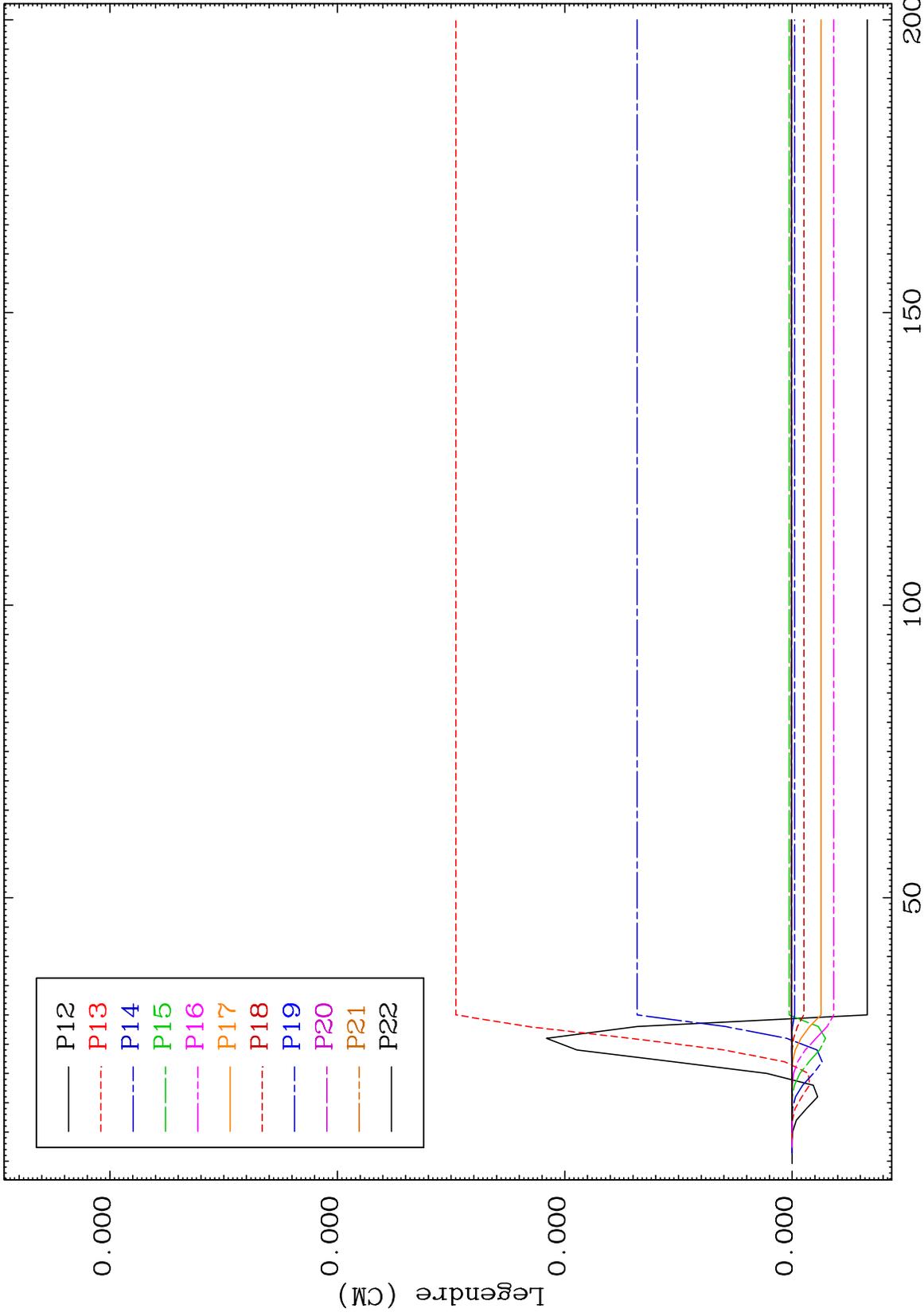
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

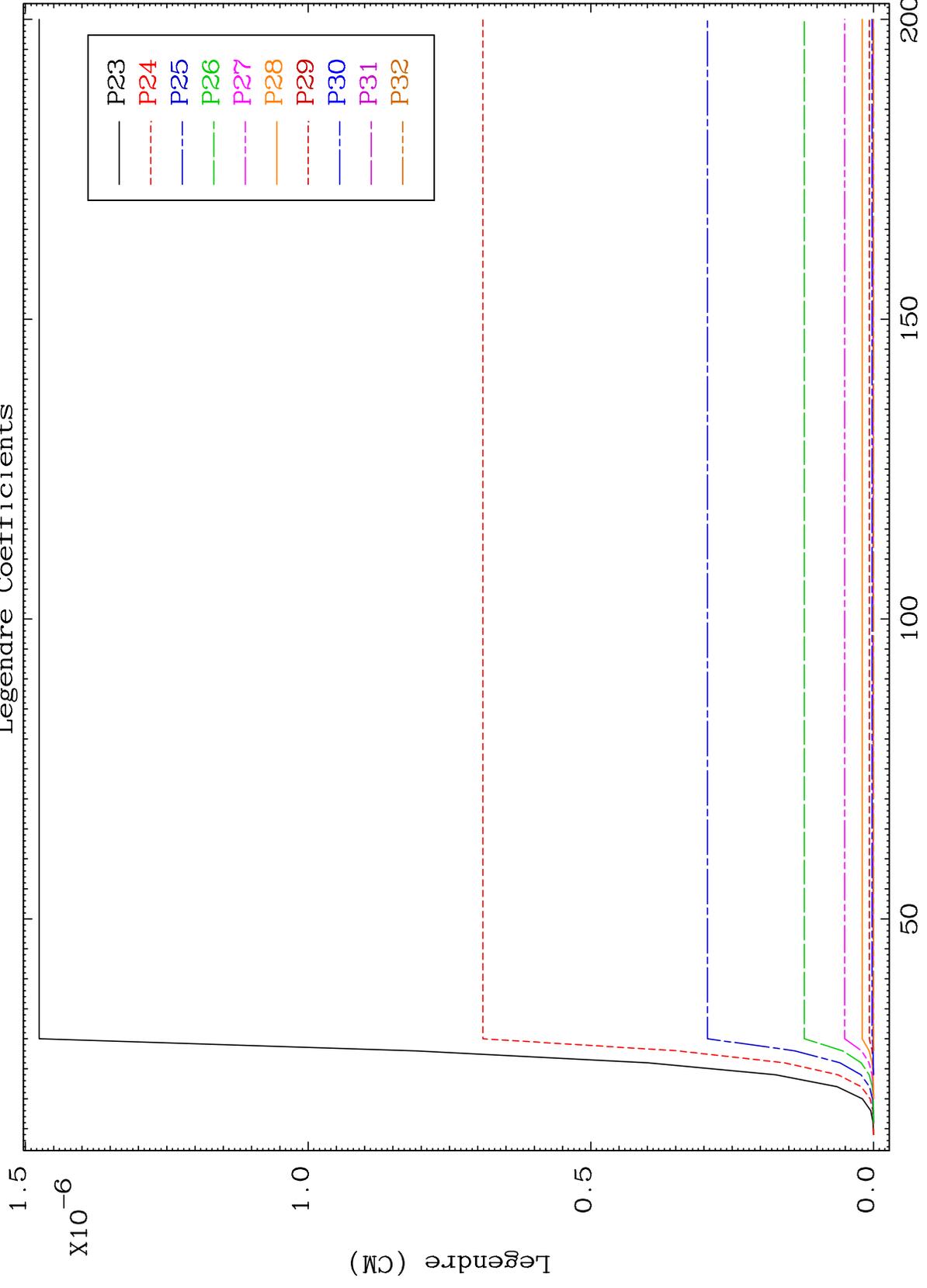


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Incident Energy (MeV)

30-Zn-78

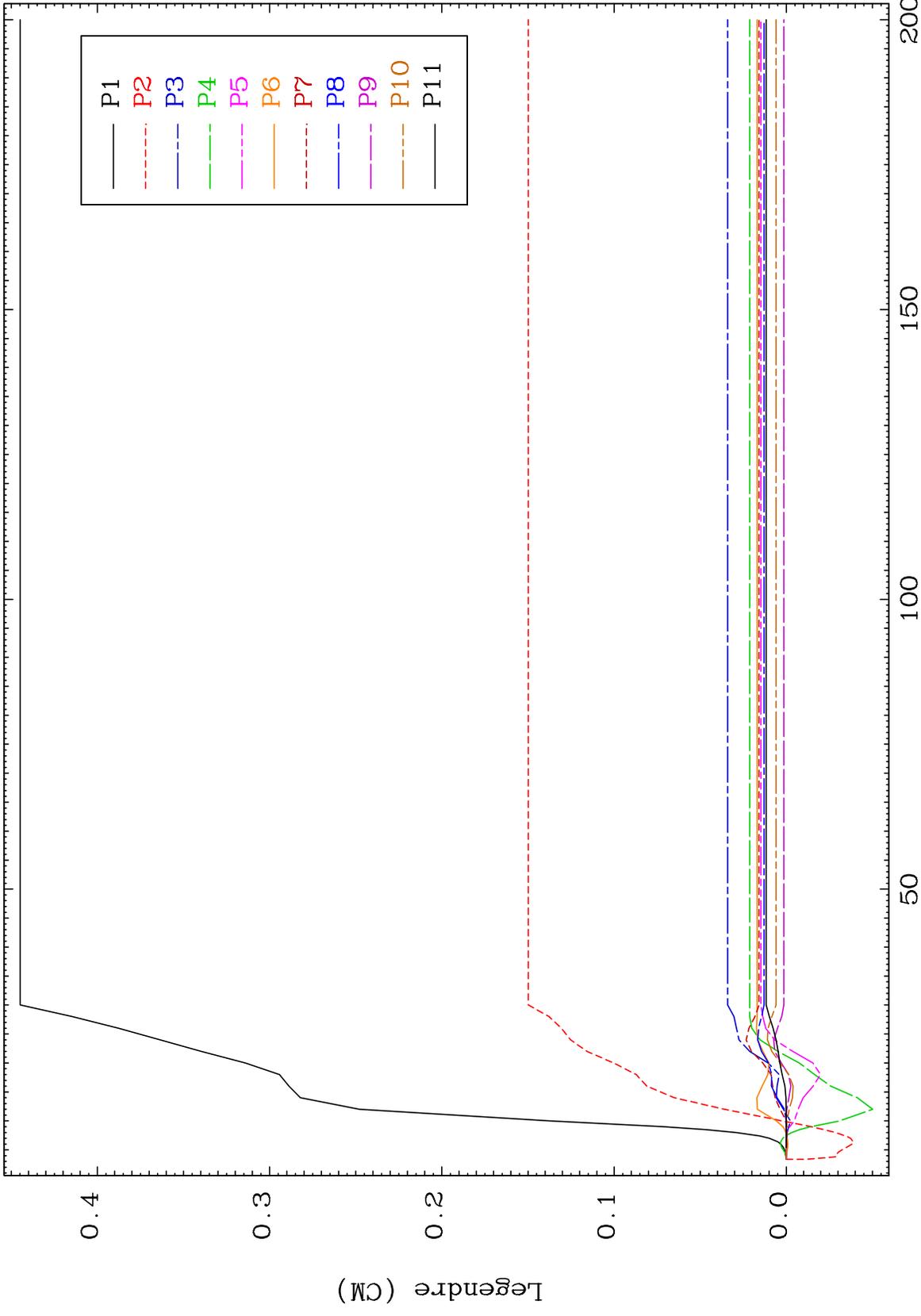
MAT 3067 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



42

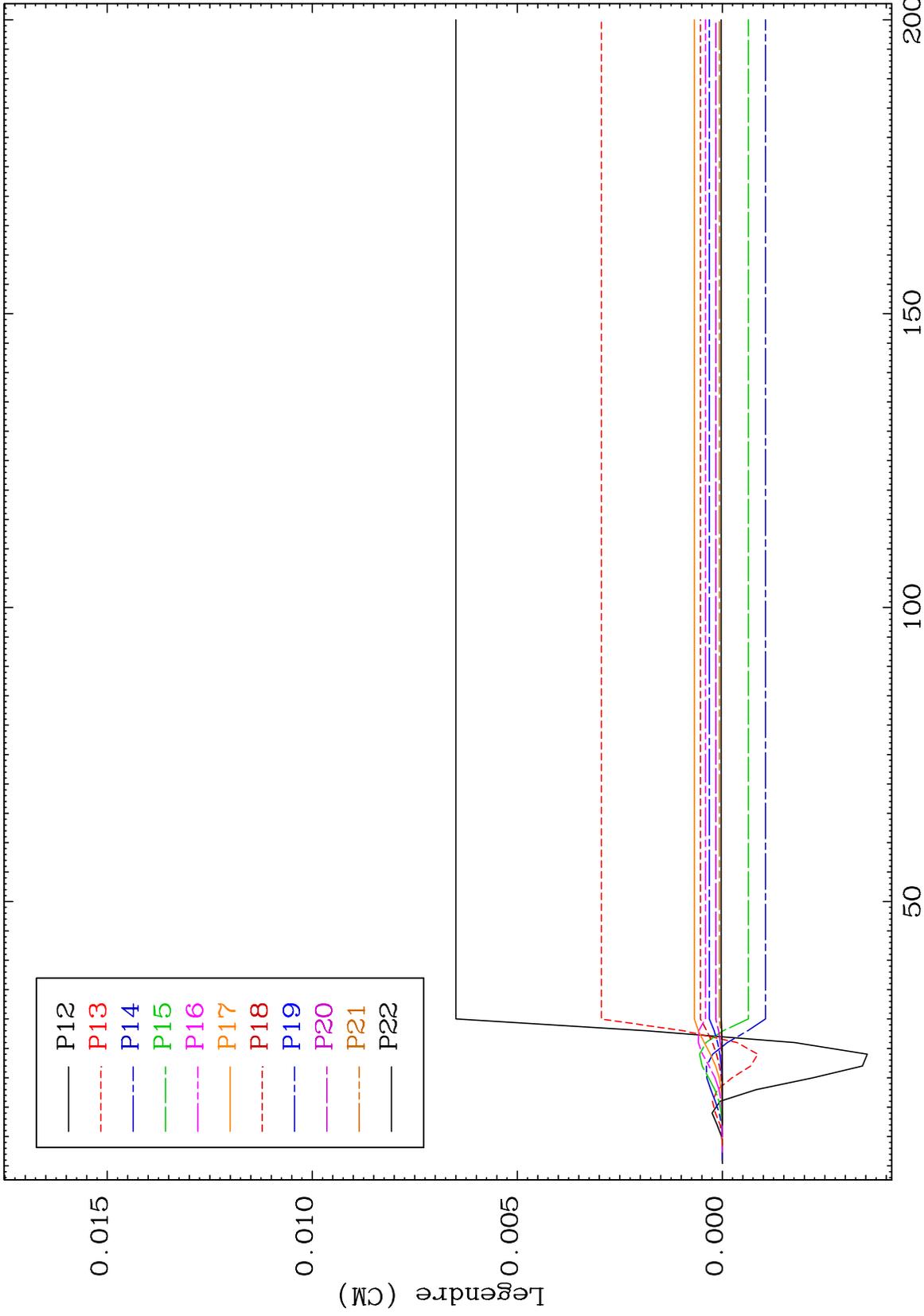
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

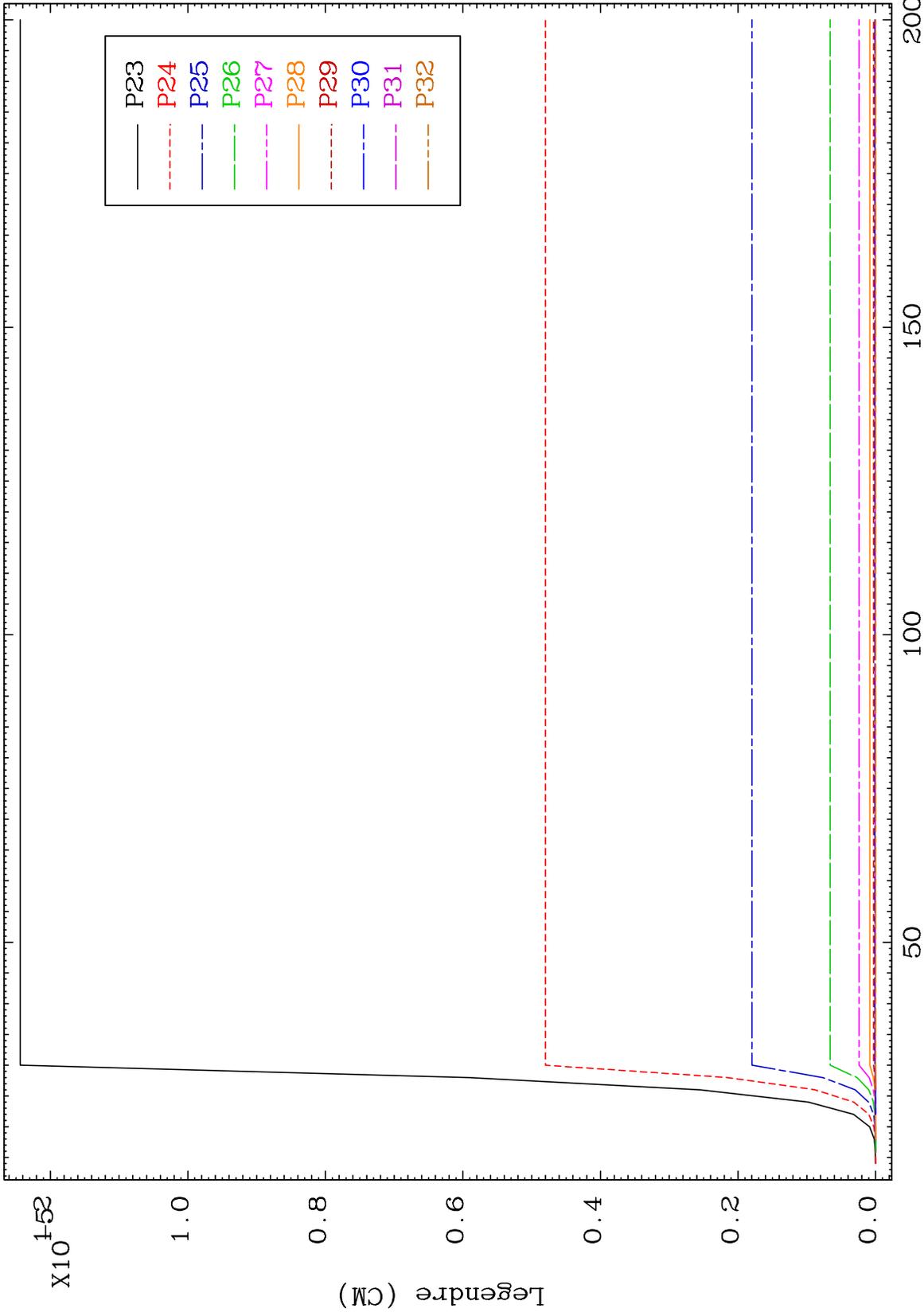
30-Zn-78



MAT 3067

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

30-Zn-78



44

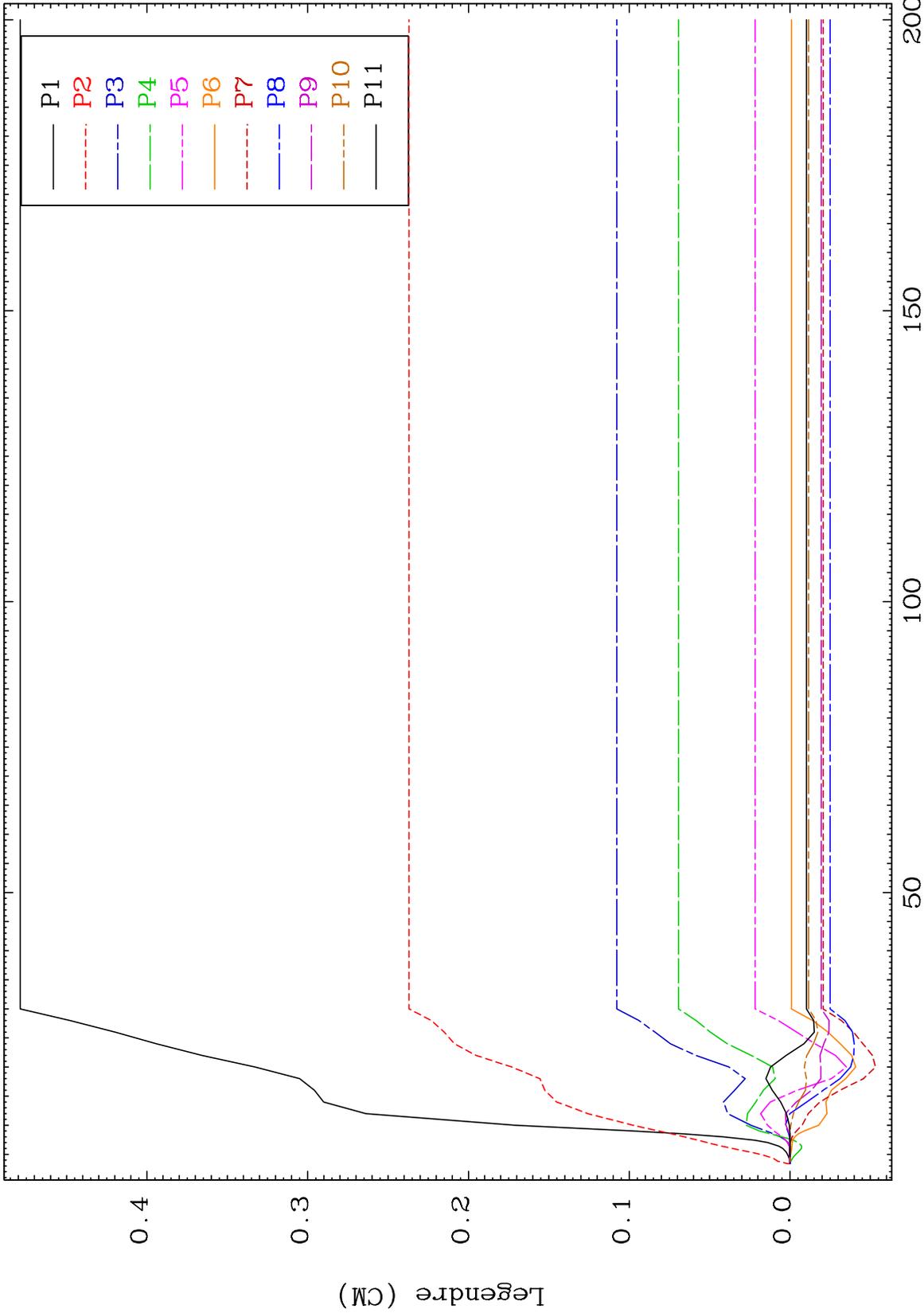
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

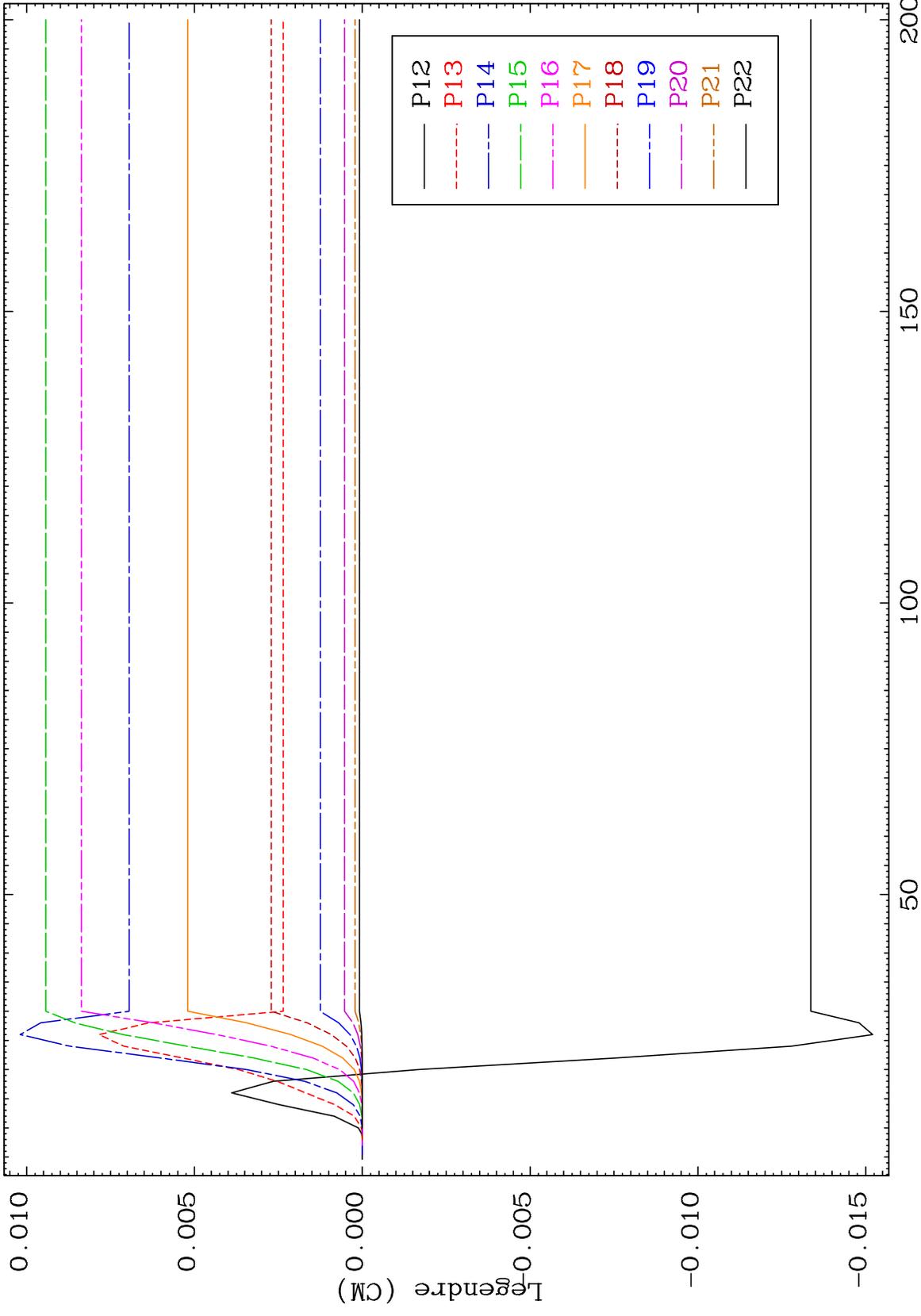


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Incident Energy (MeV)

30-Zn-78

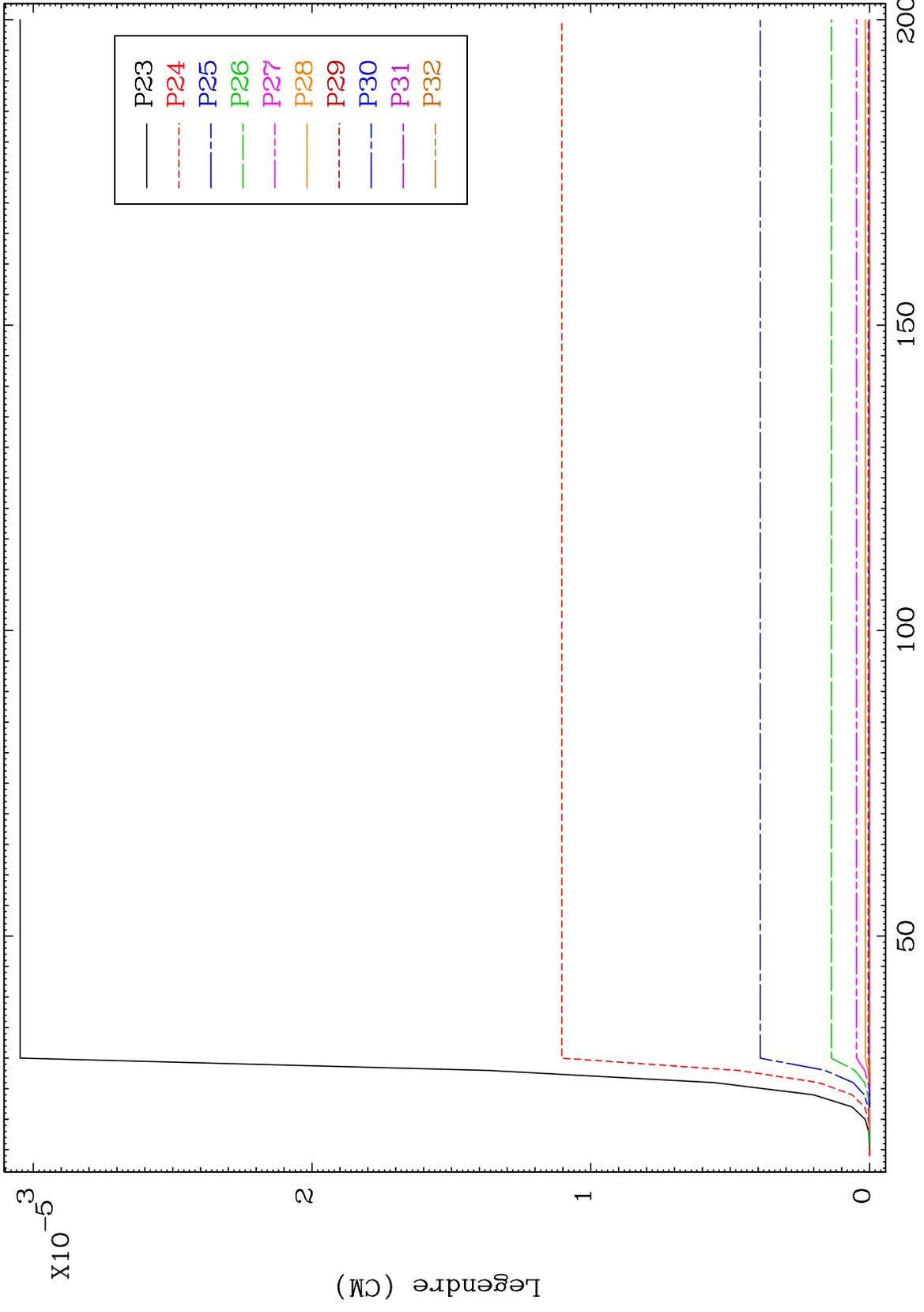
MAT 3067 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



47

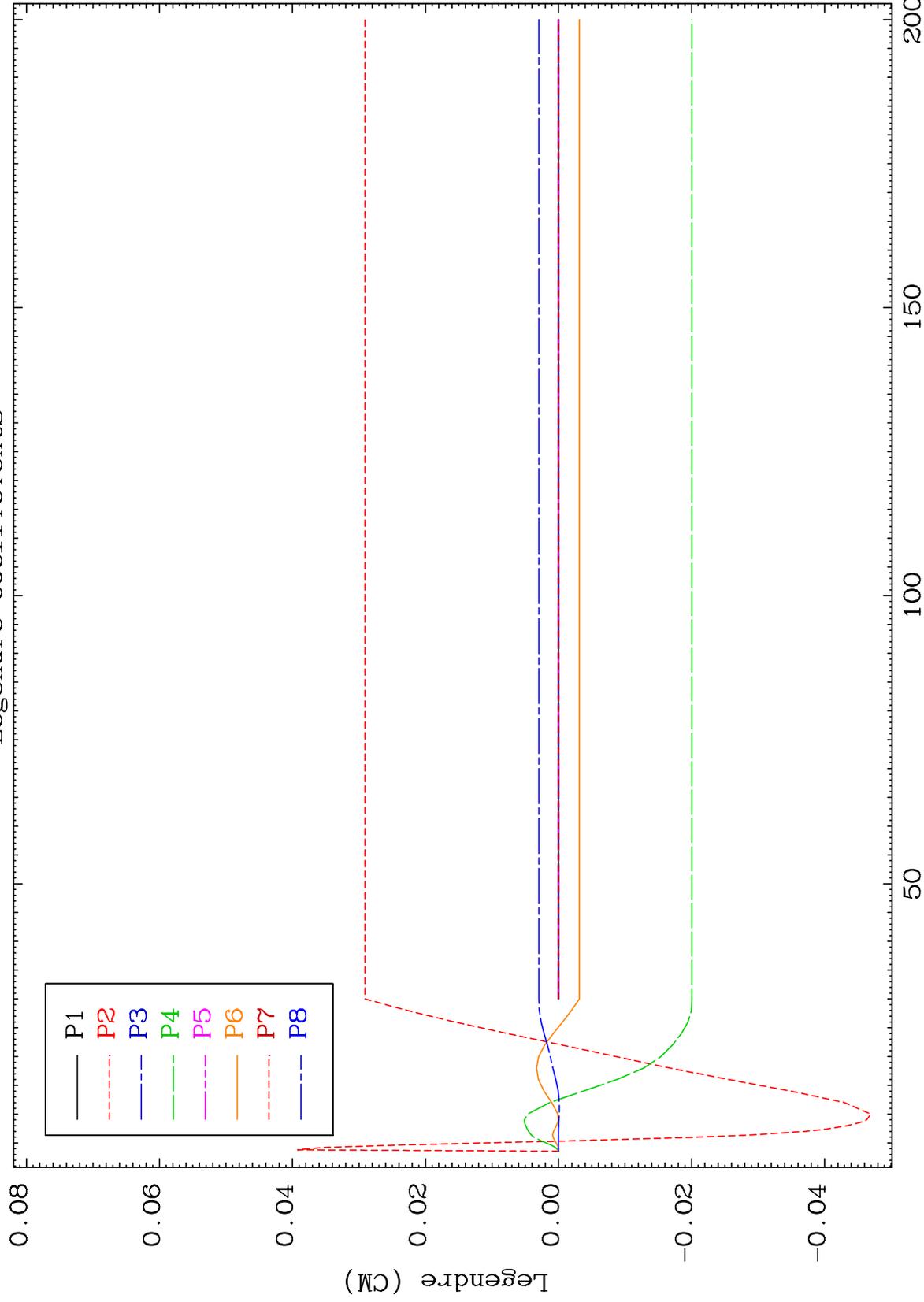
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



48

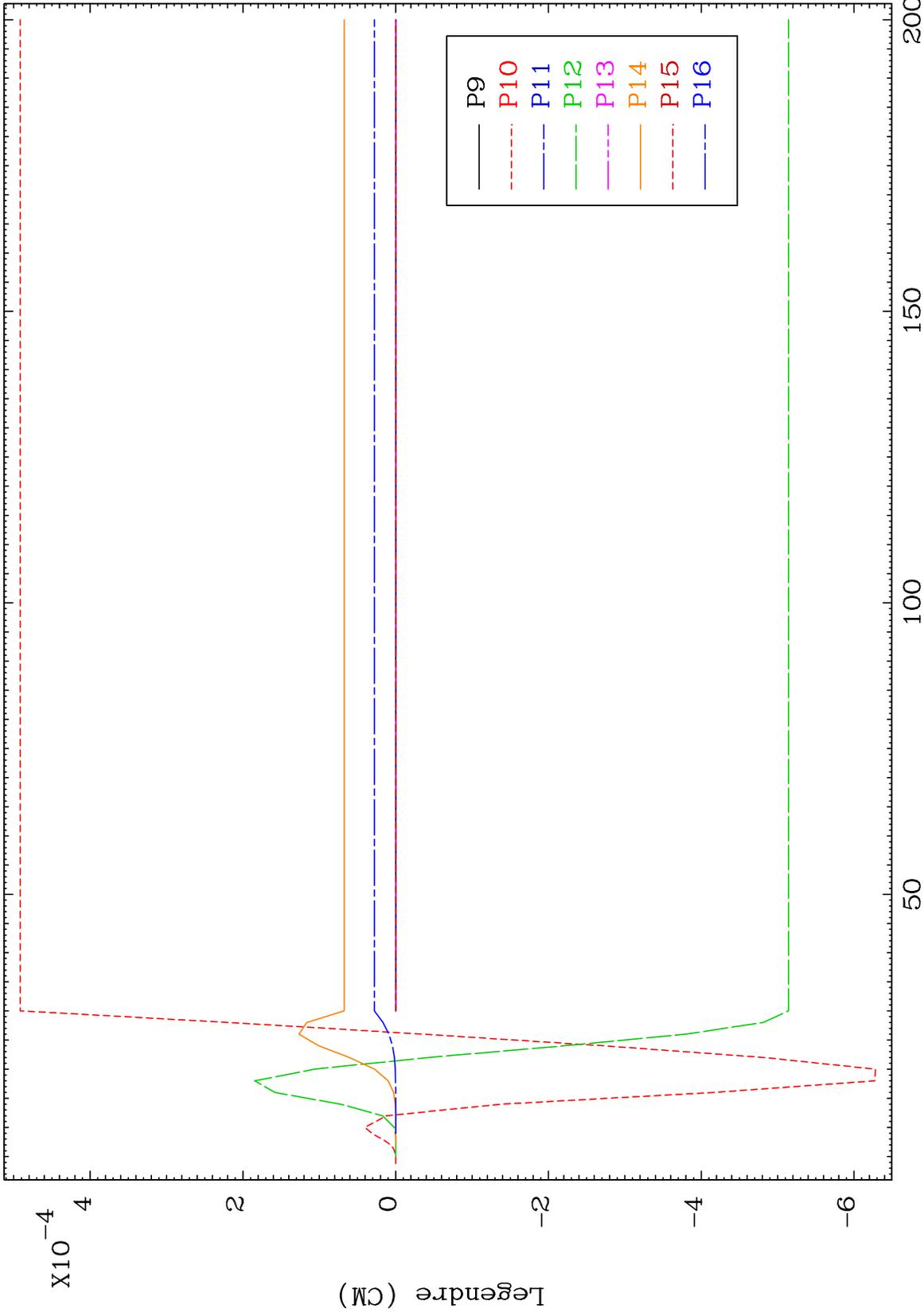
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

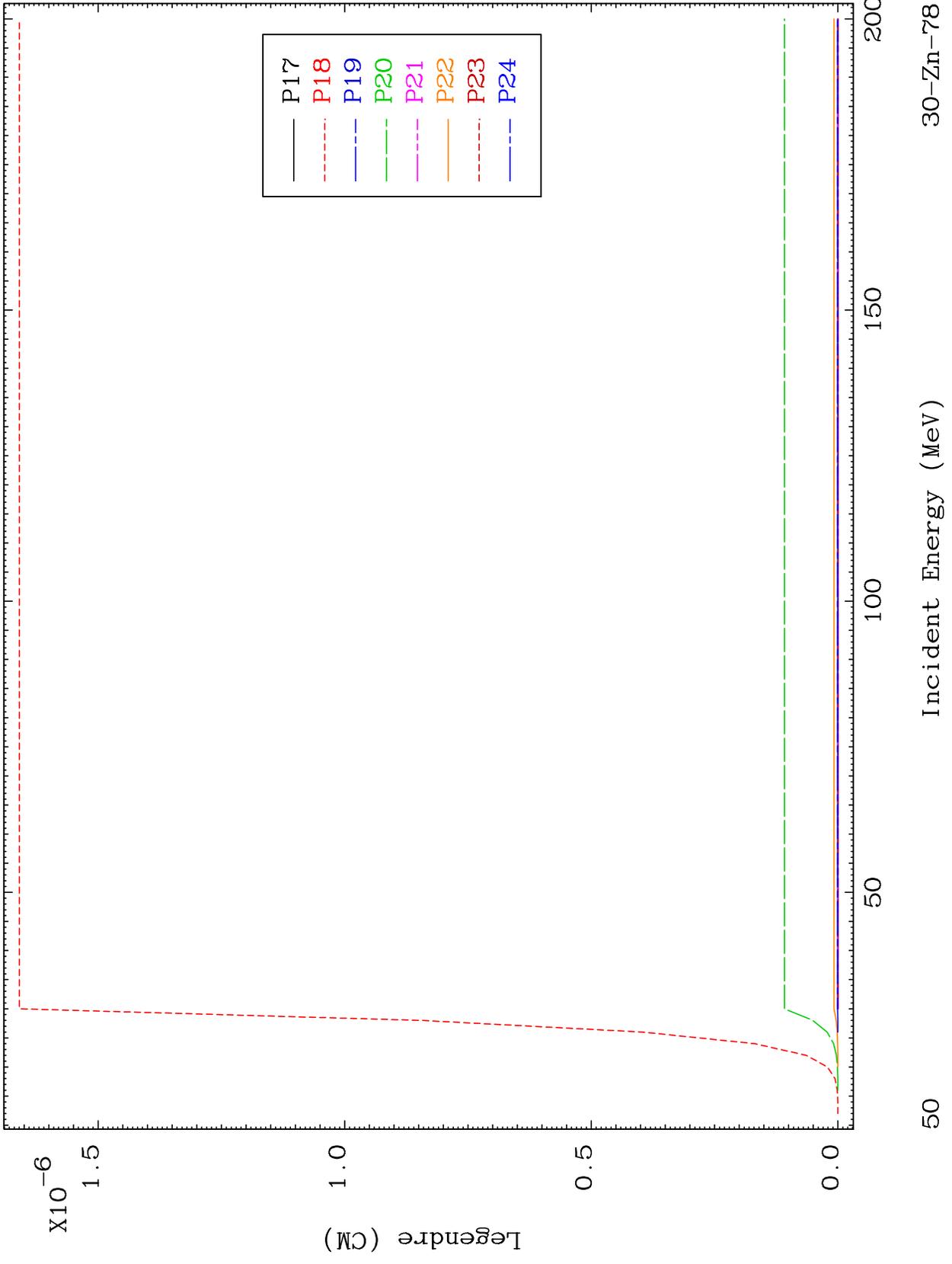


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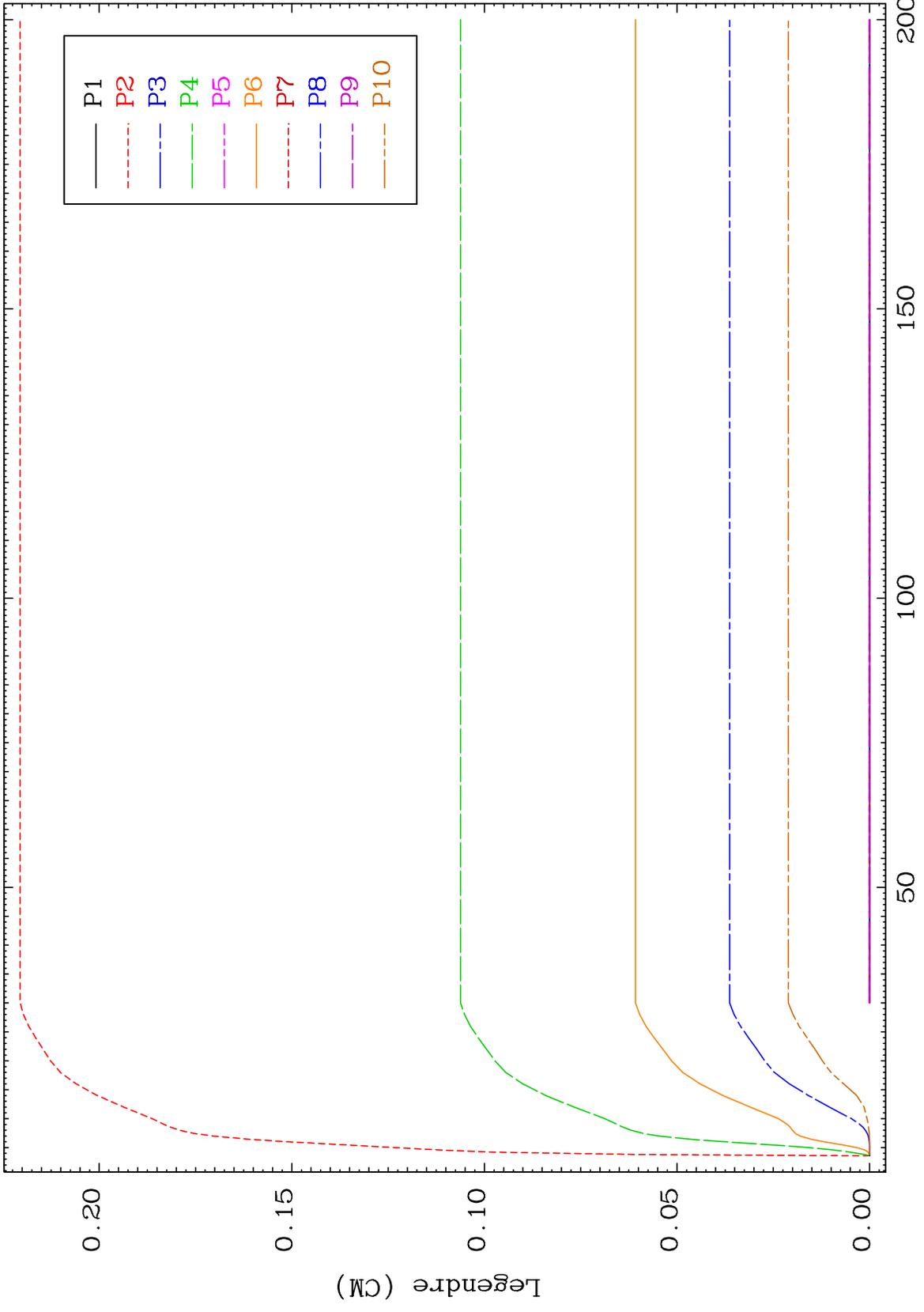
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-78

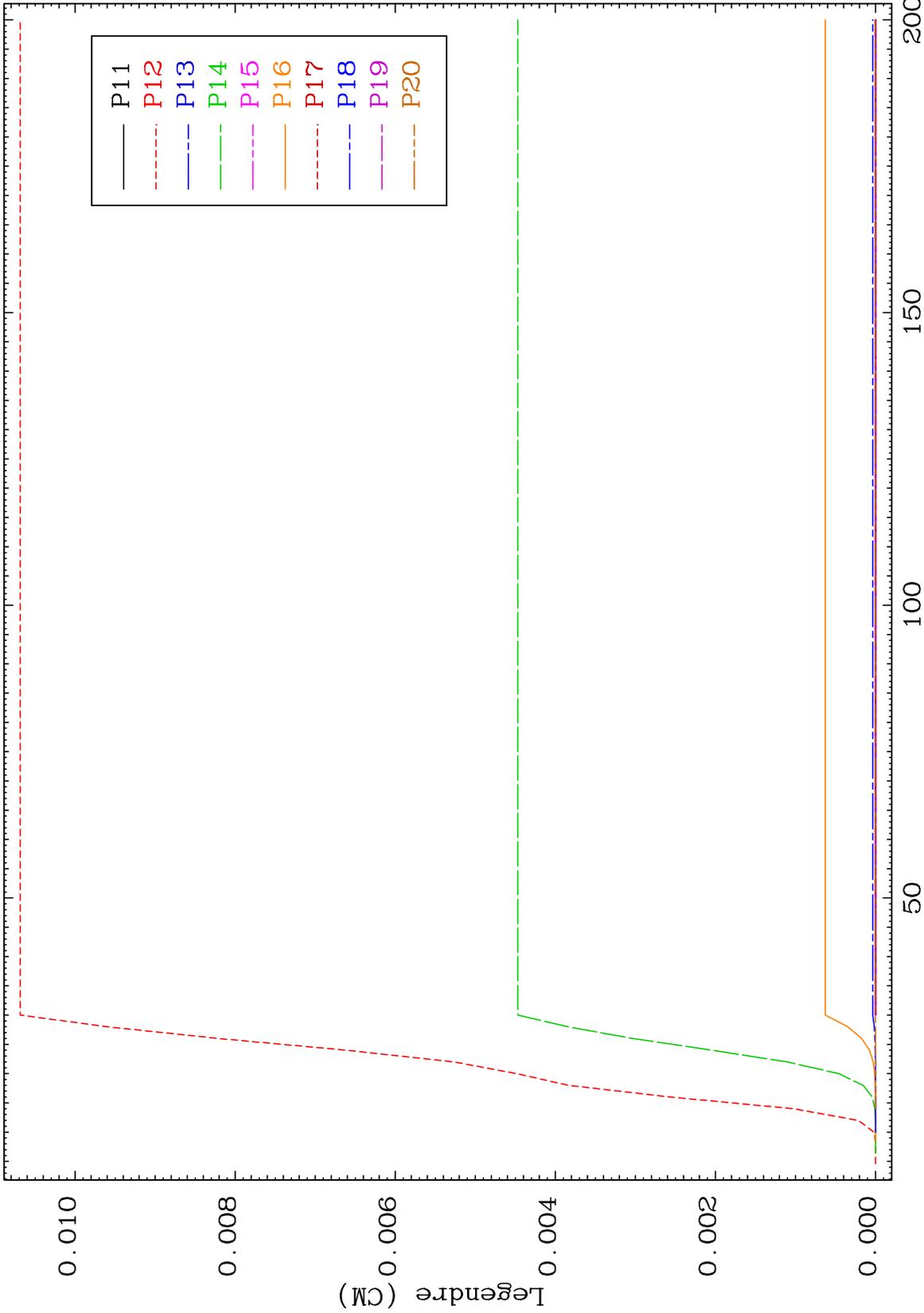


51 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78

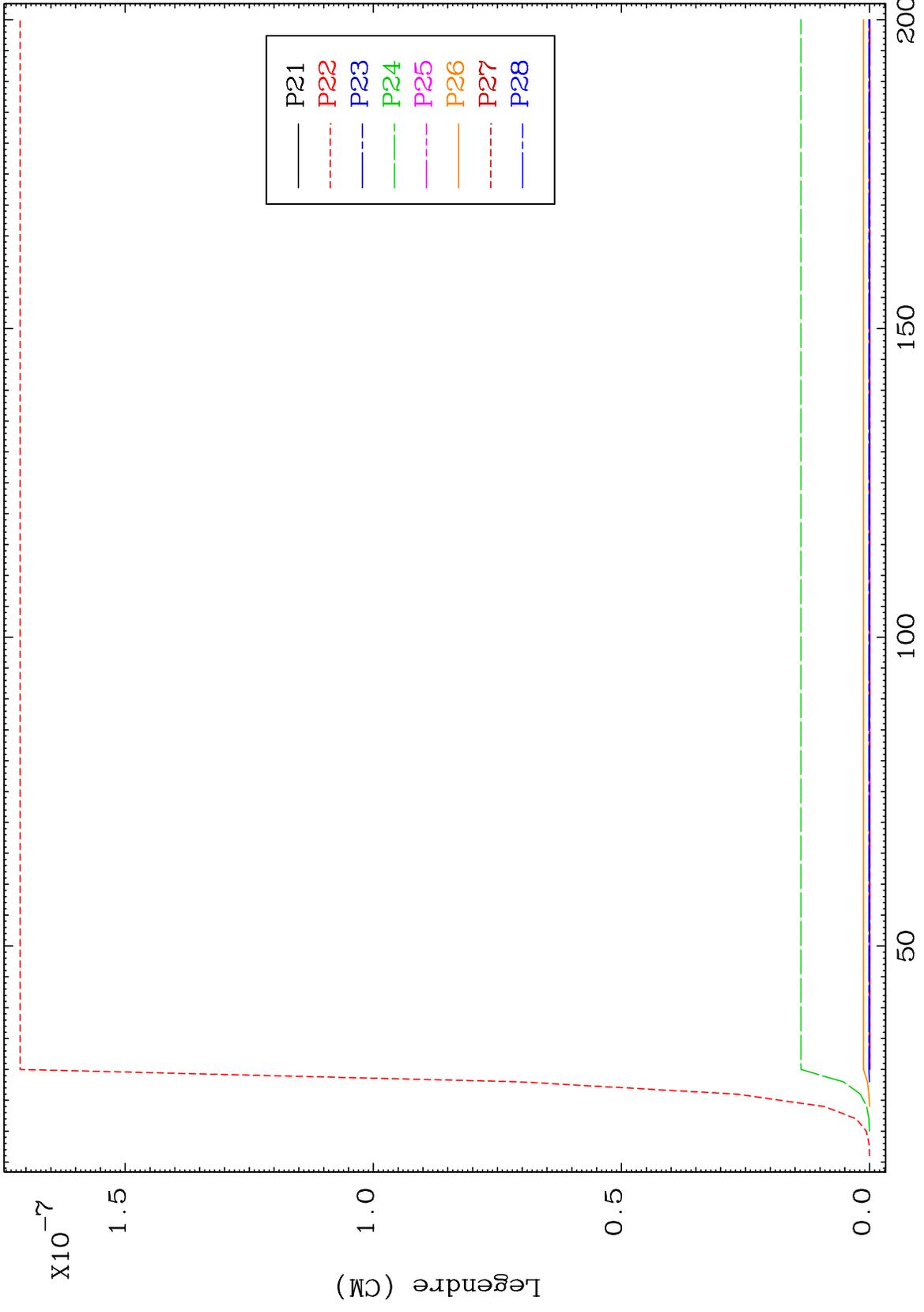


52

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-78

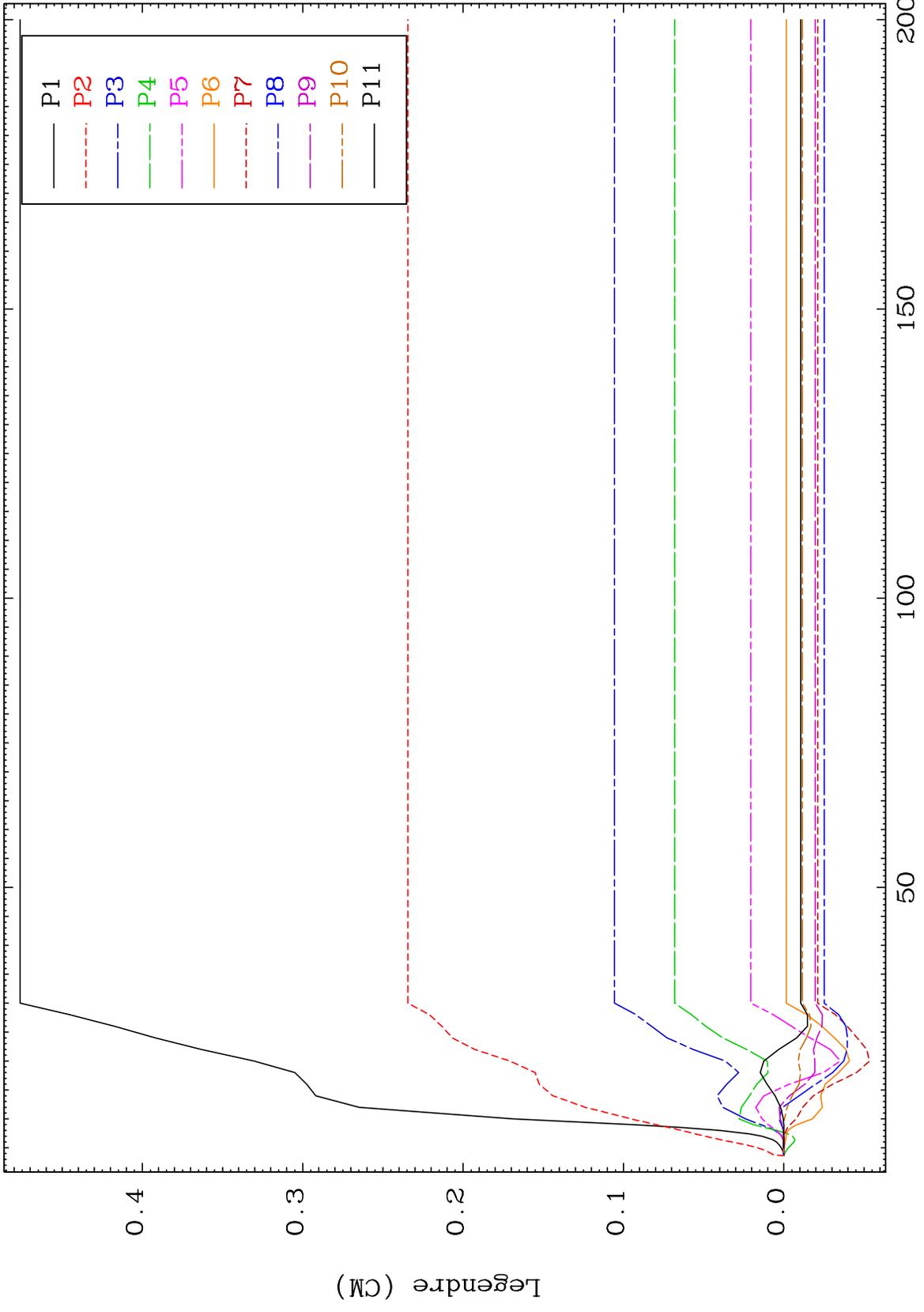


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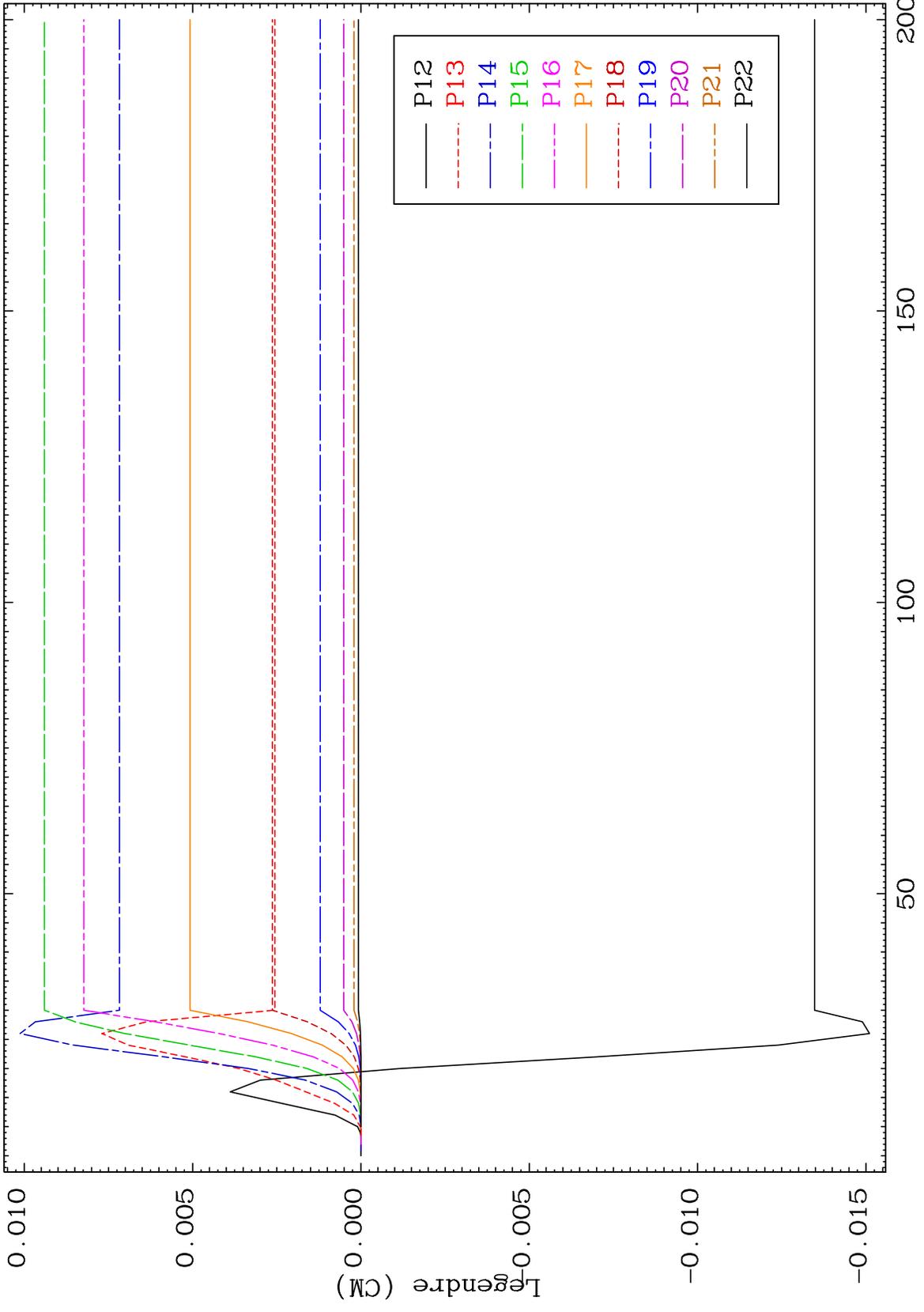
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-78



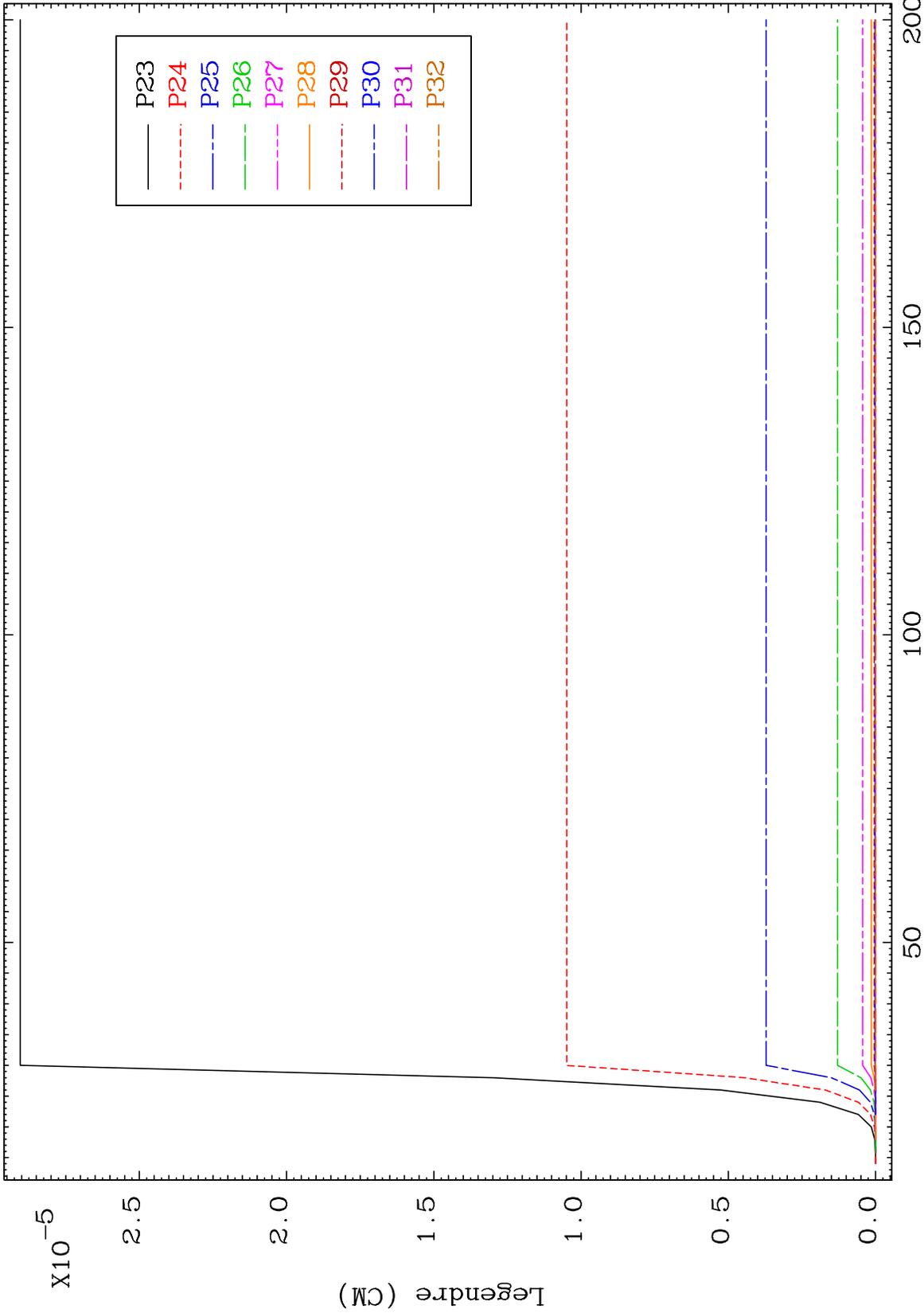
MAT 3067 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



56

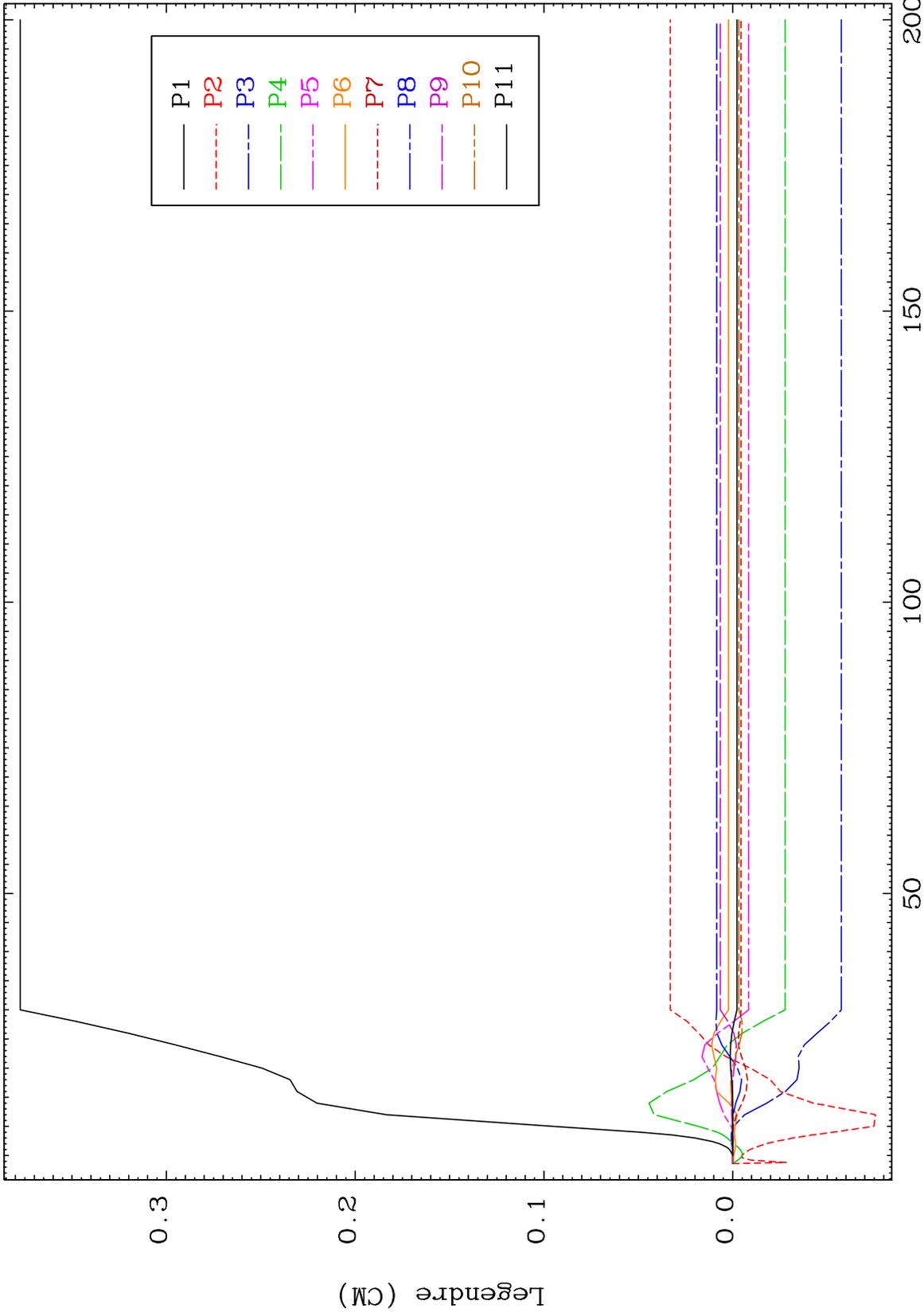
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



57

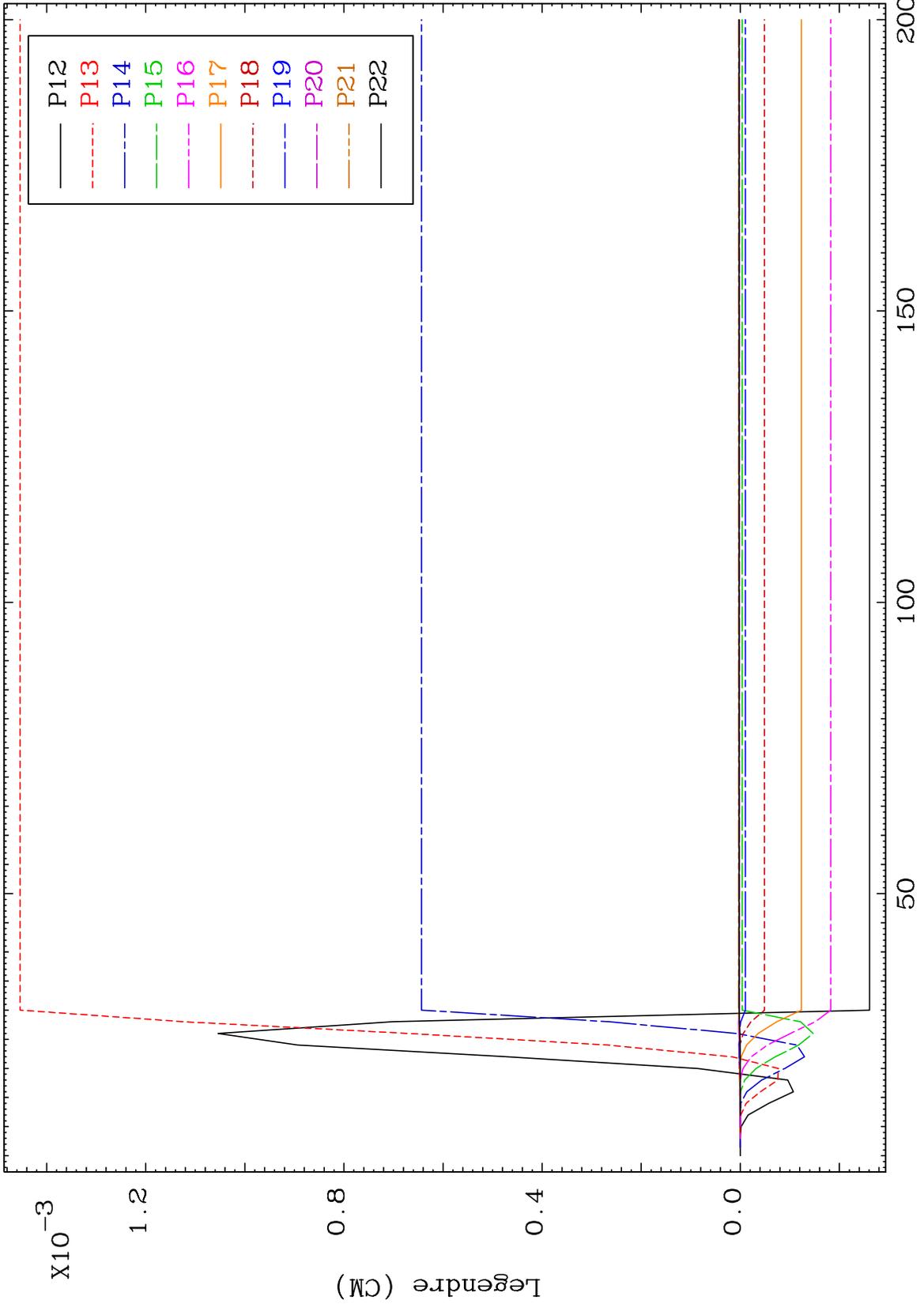
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



58

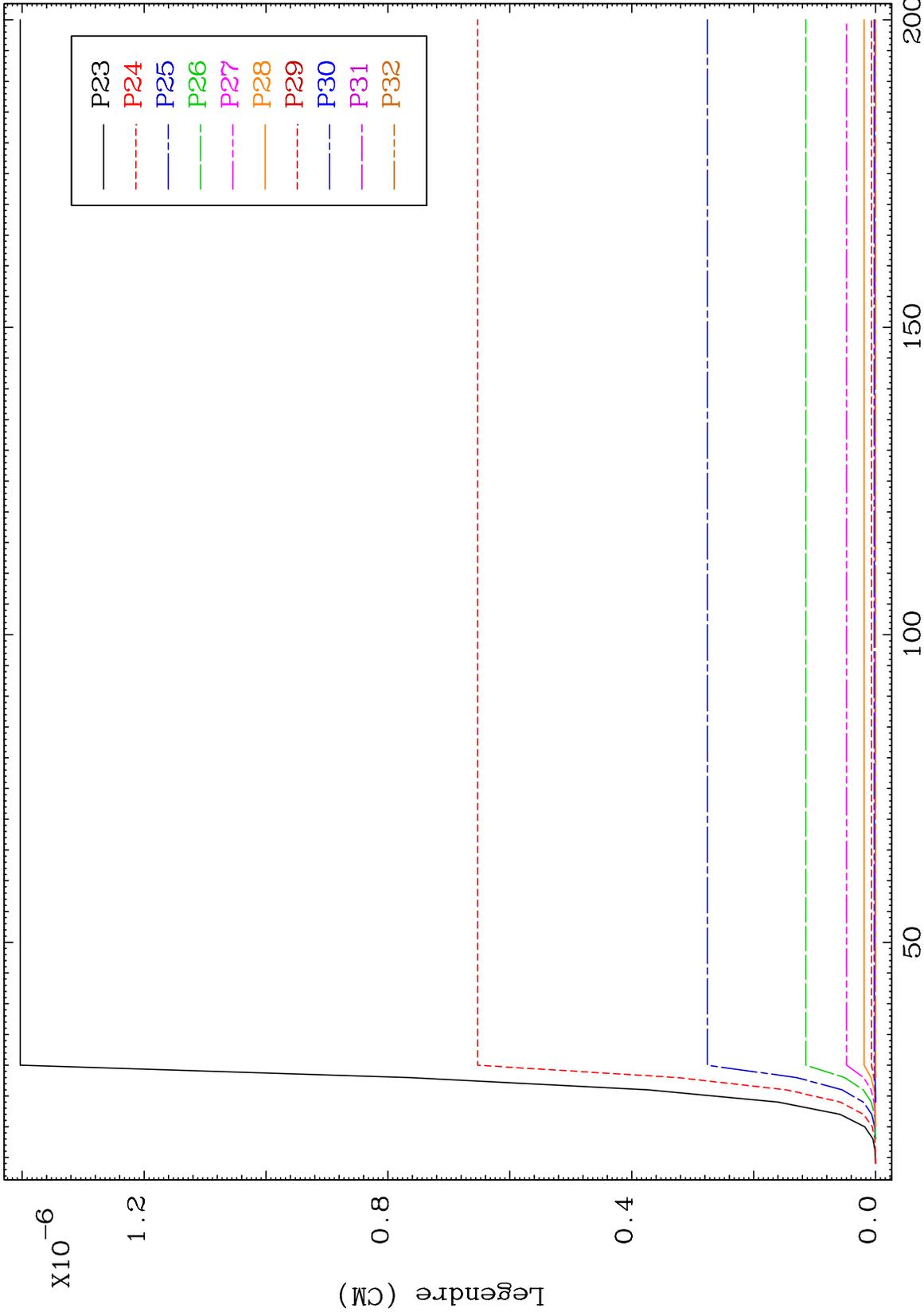
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

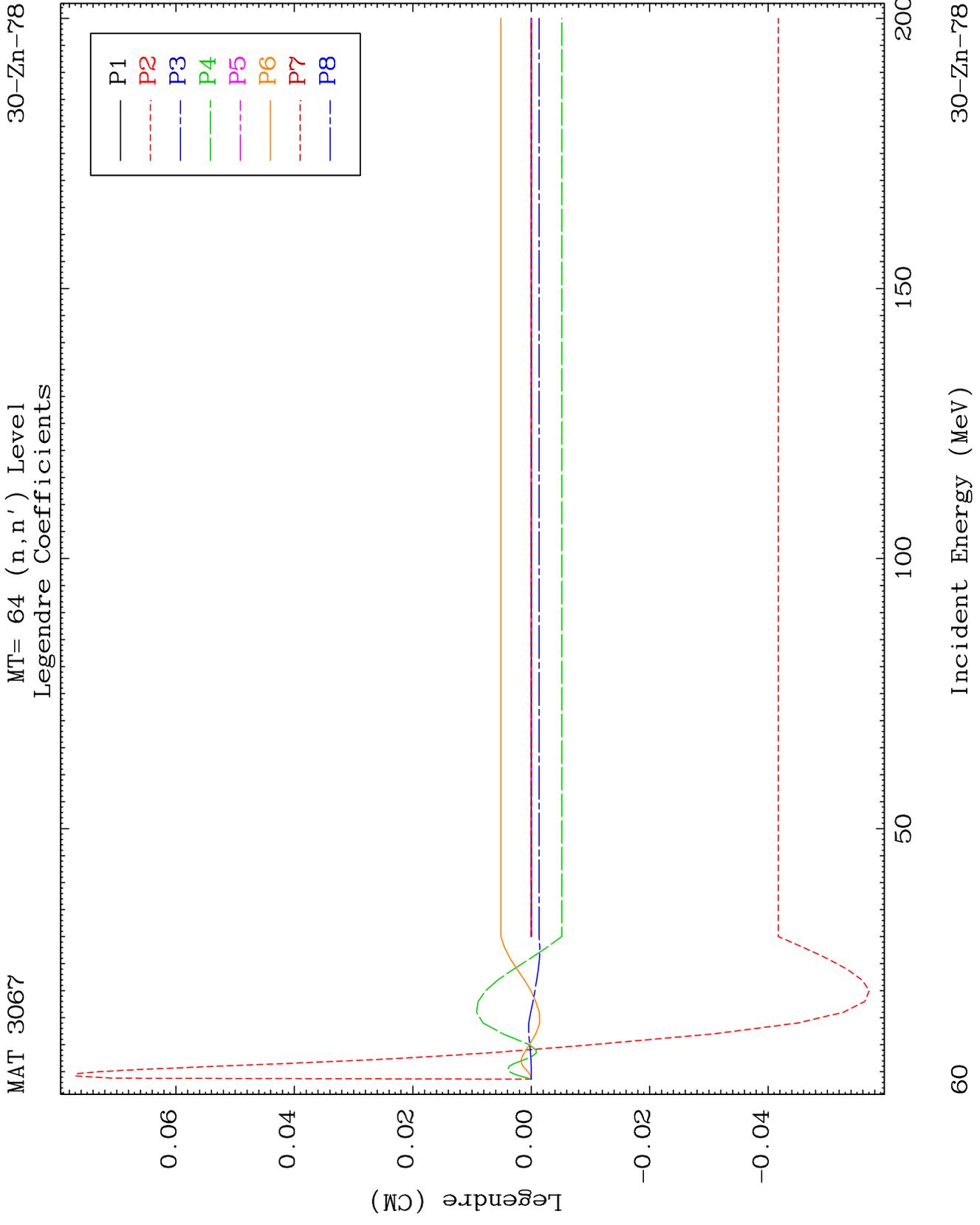
30-Zn-78



59

Incident Energy (MeV)

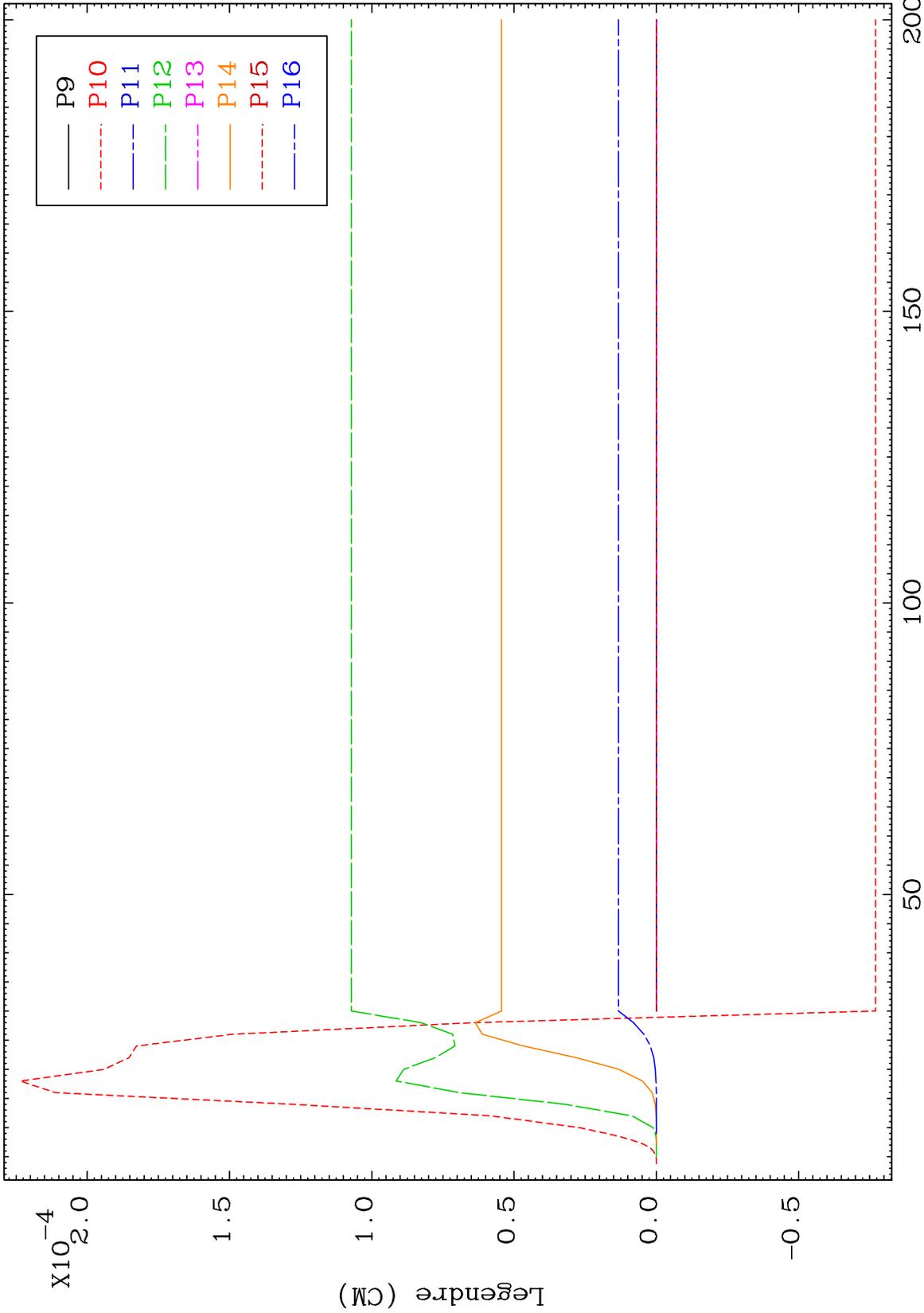
30-Zn-78



MAT 3067

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

30-Zn-78

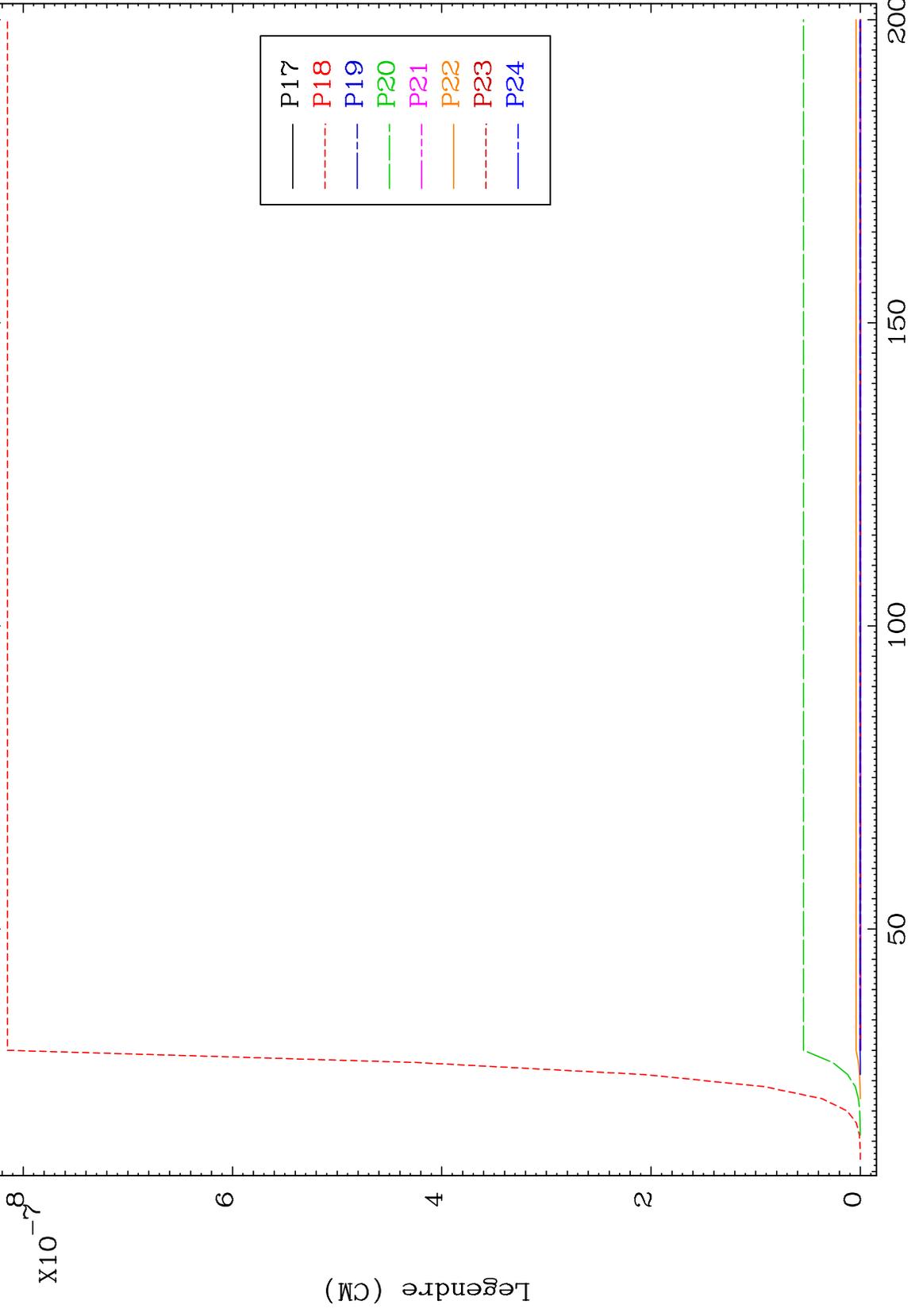


61

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-78

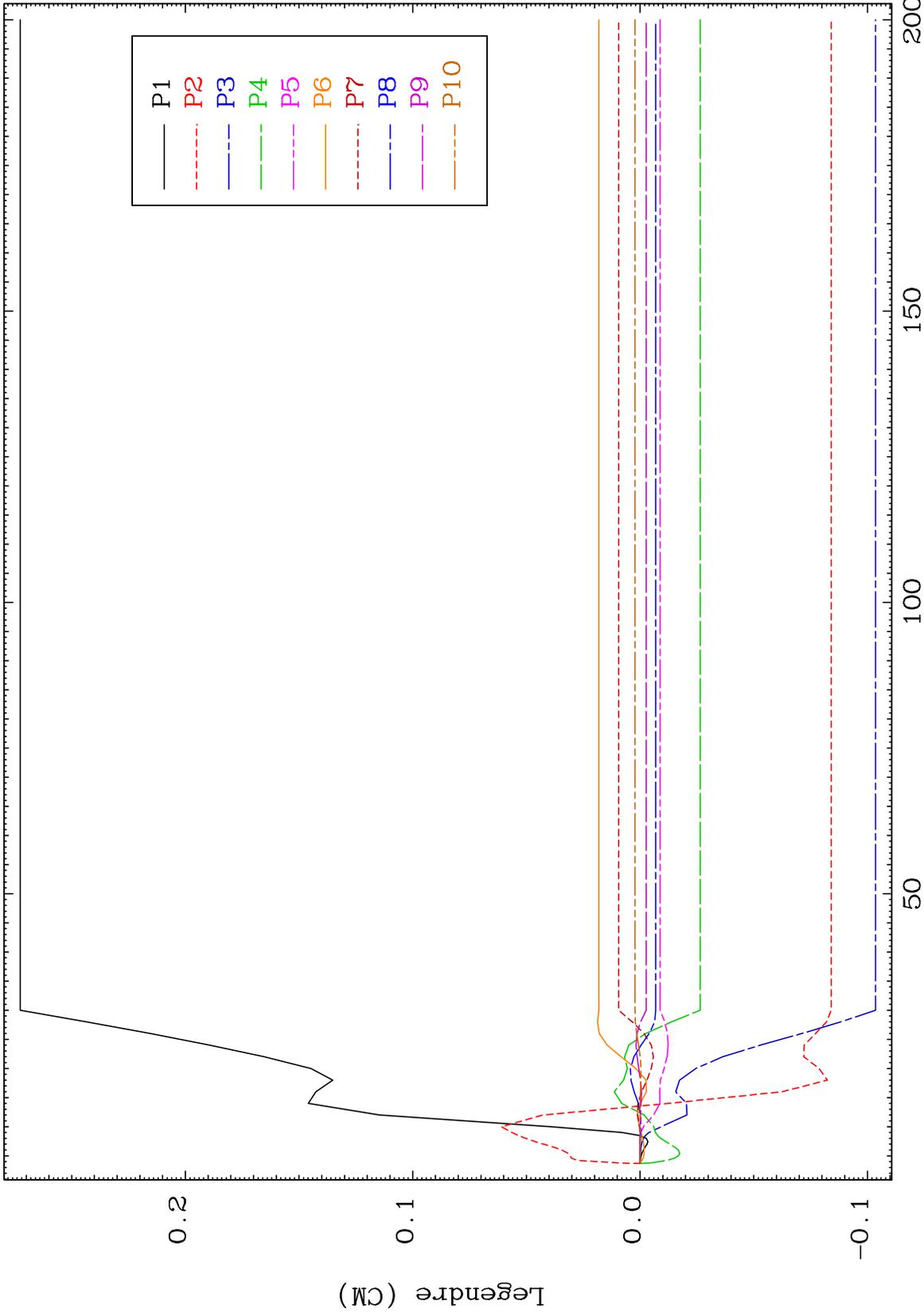


62 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78



63

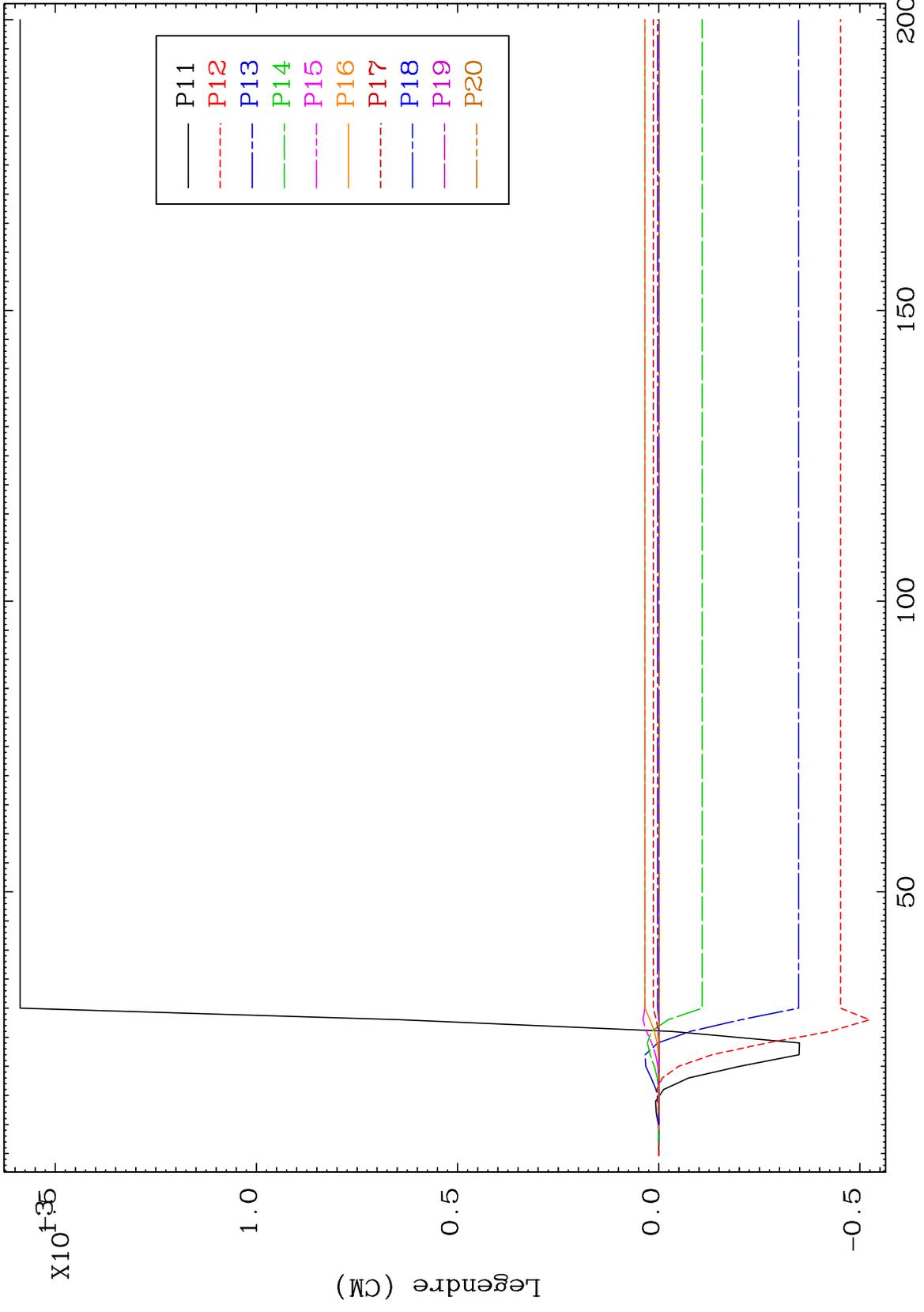
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

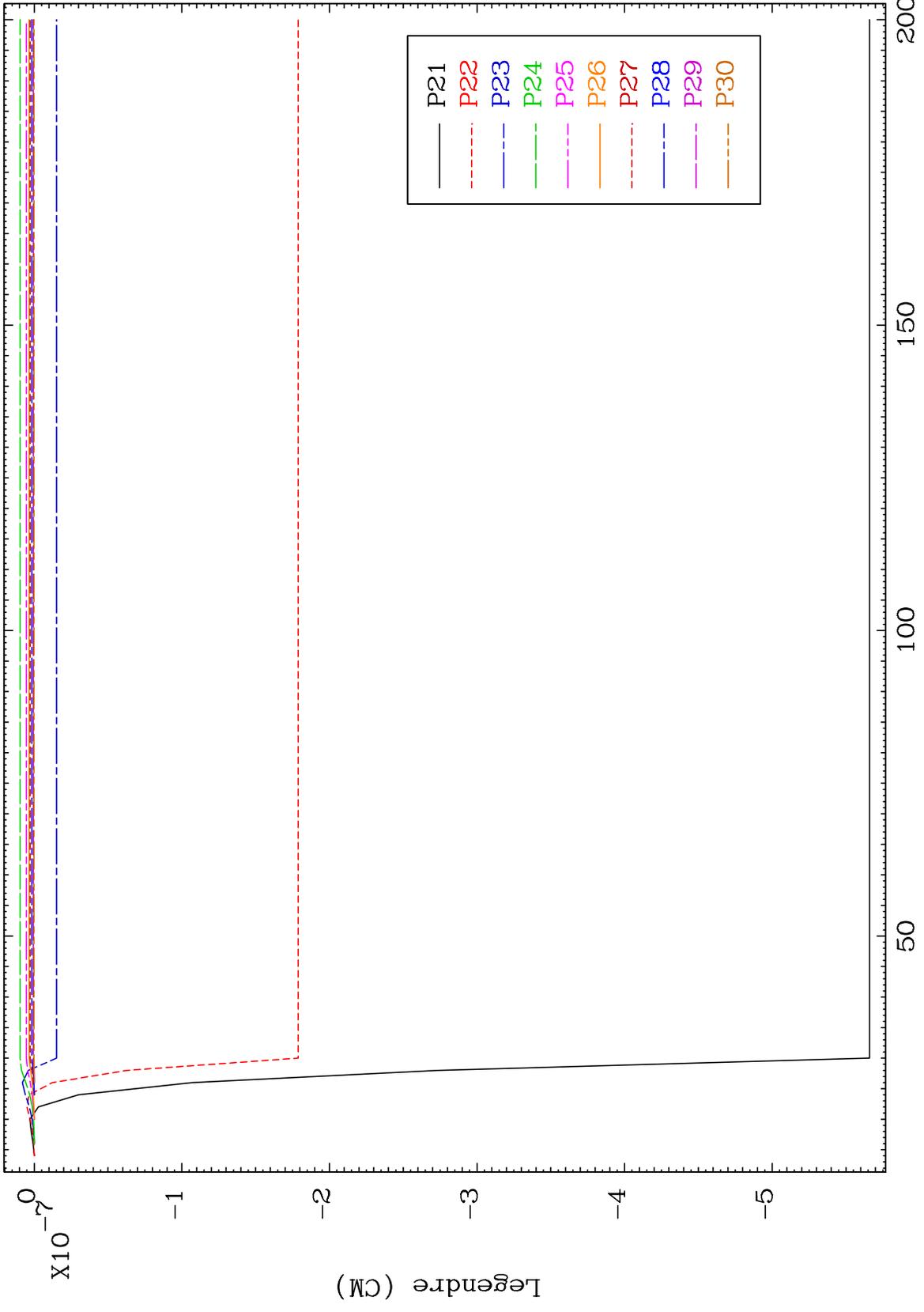


64

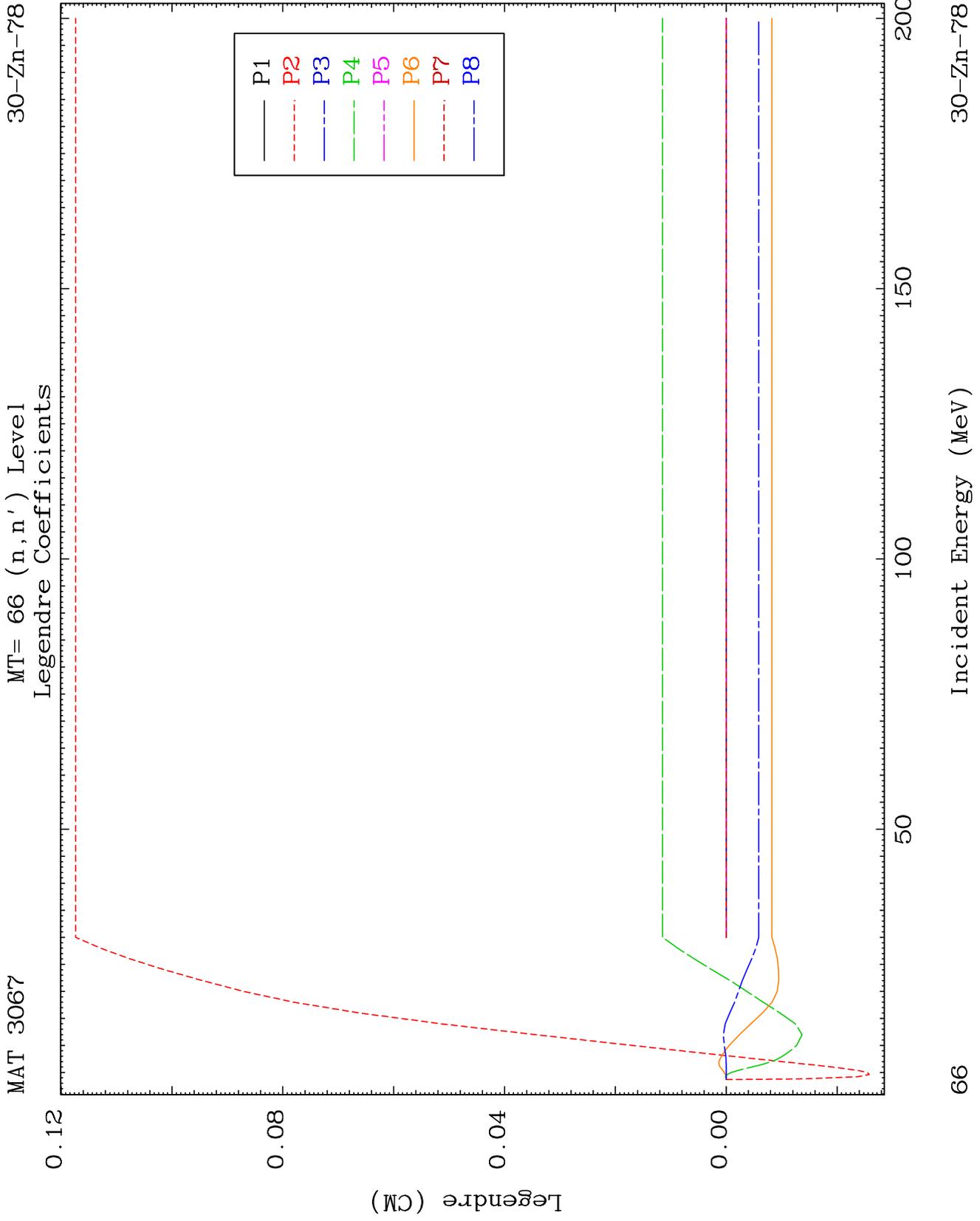
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-78



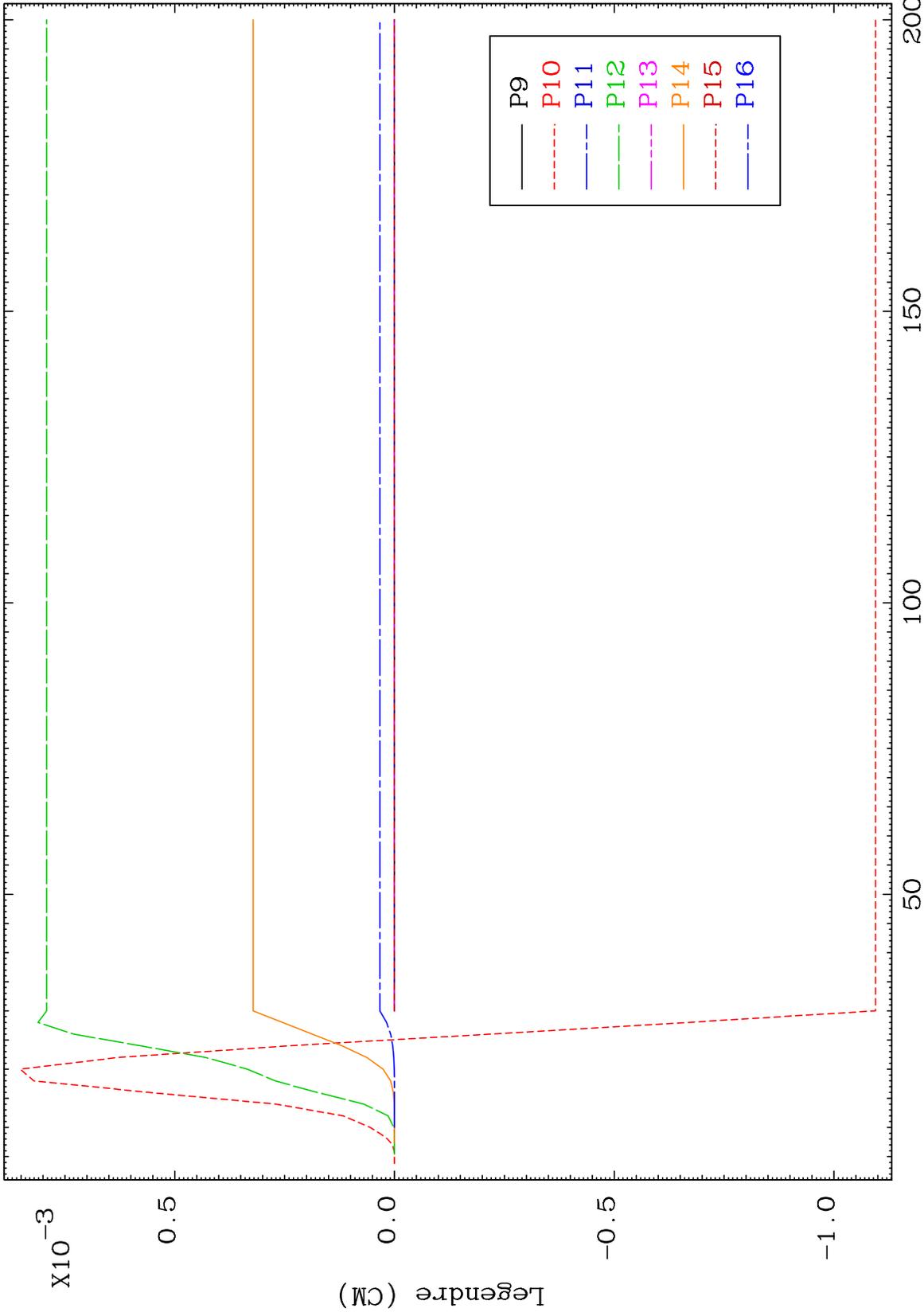
65 30-Zn-78



MAT 3067

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

30-Zn-78

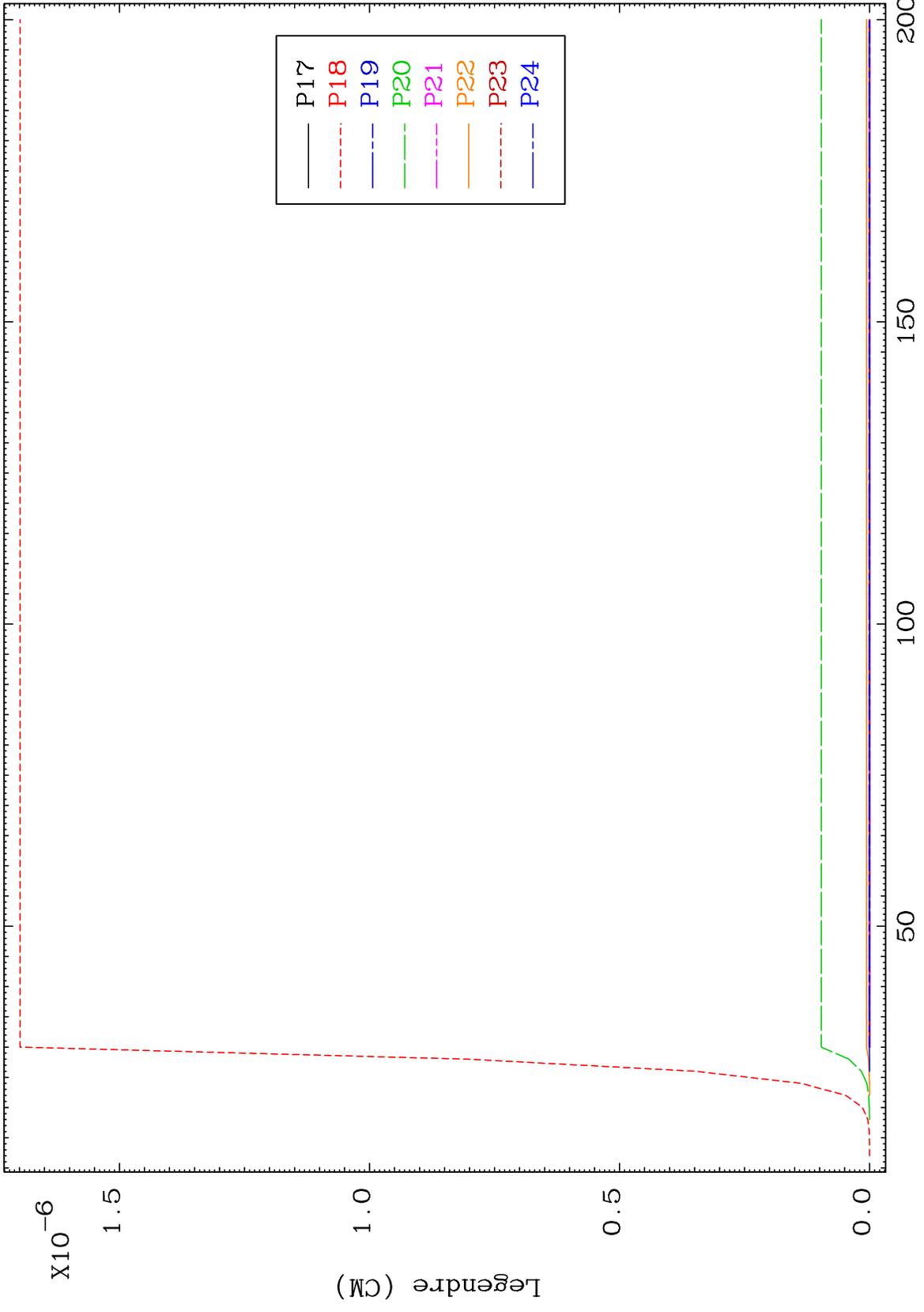


67

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-78



68

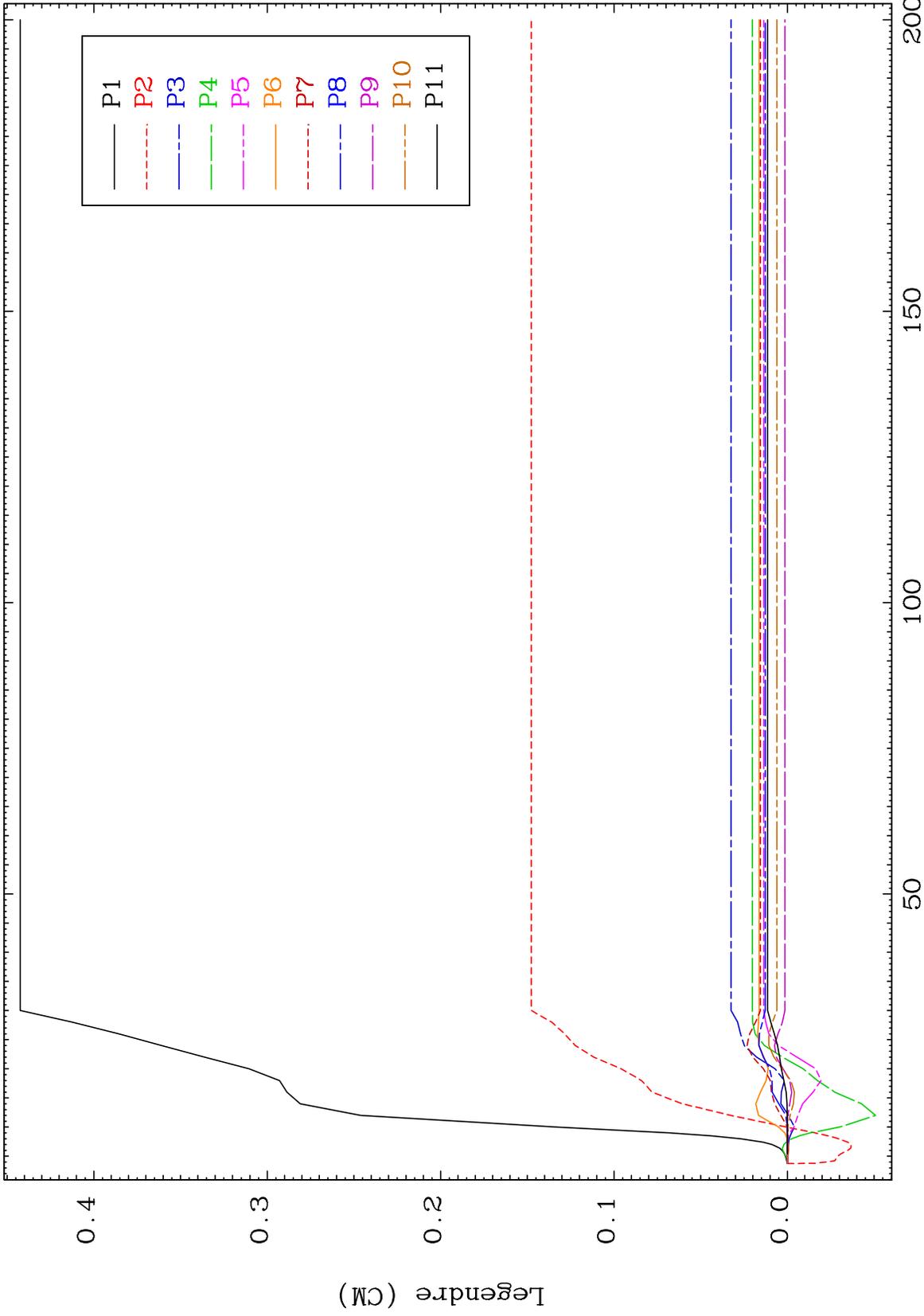
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



69

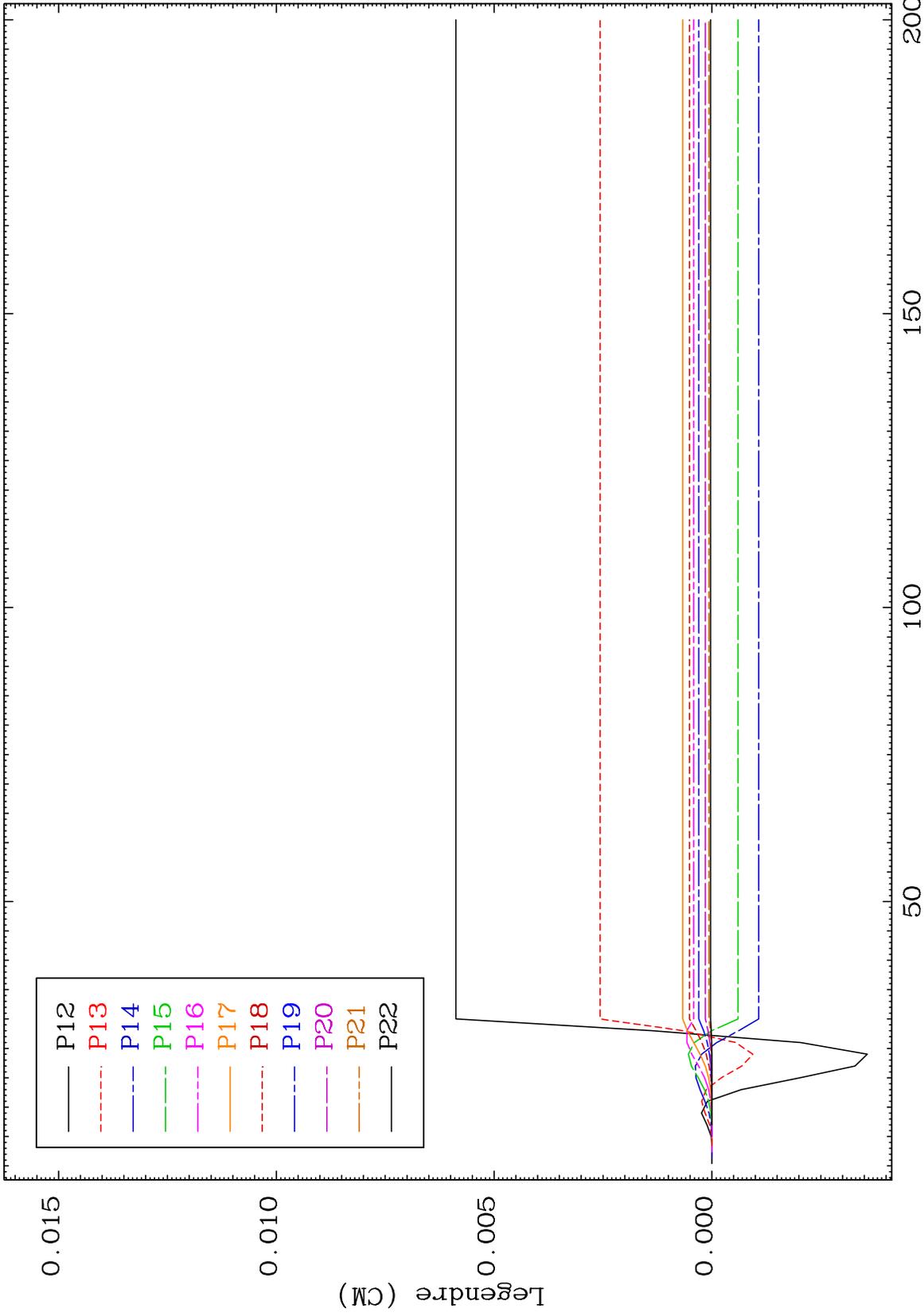
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



70

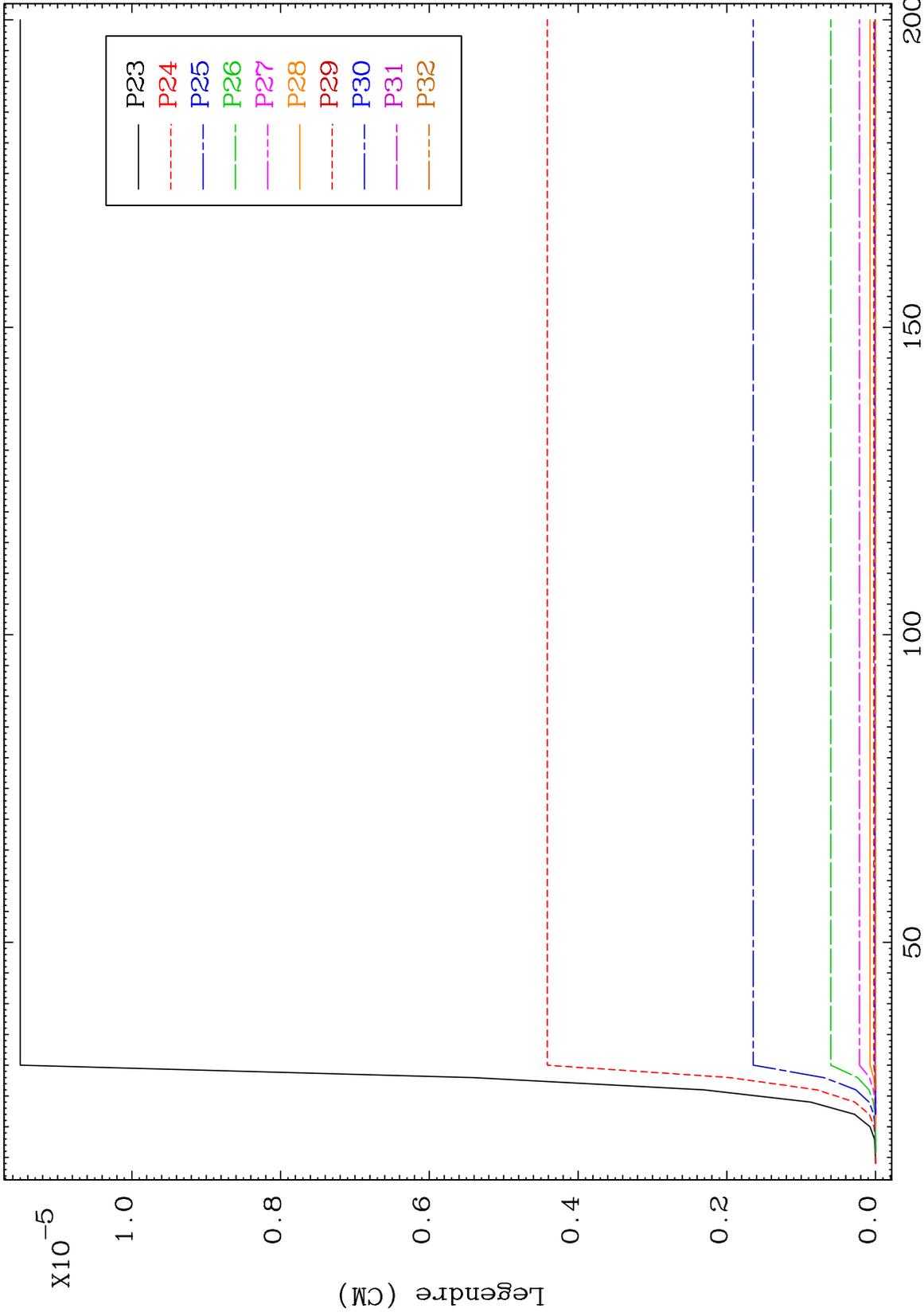
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

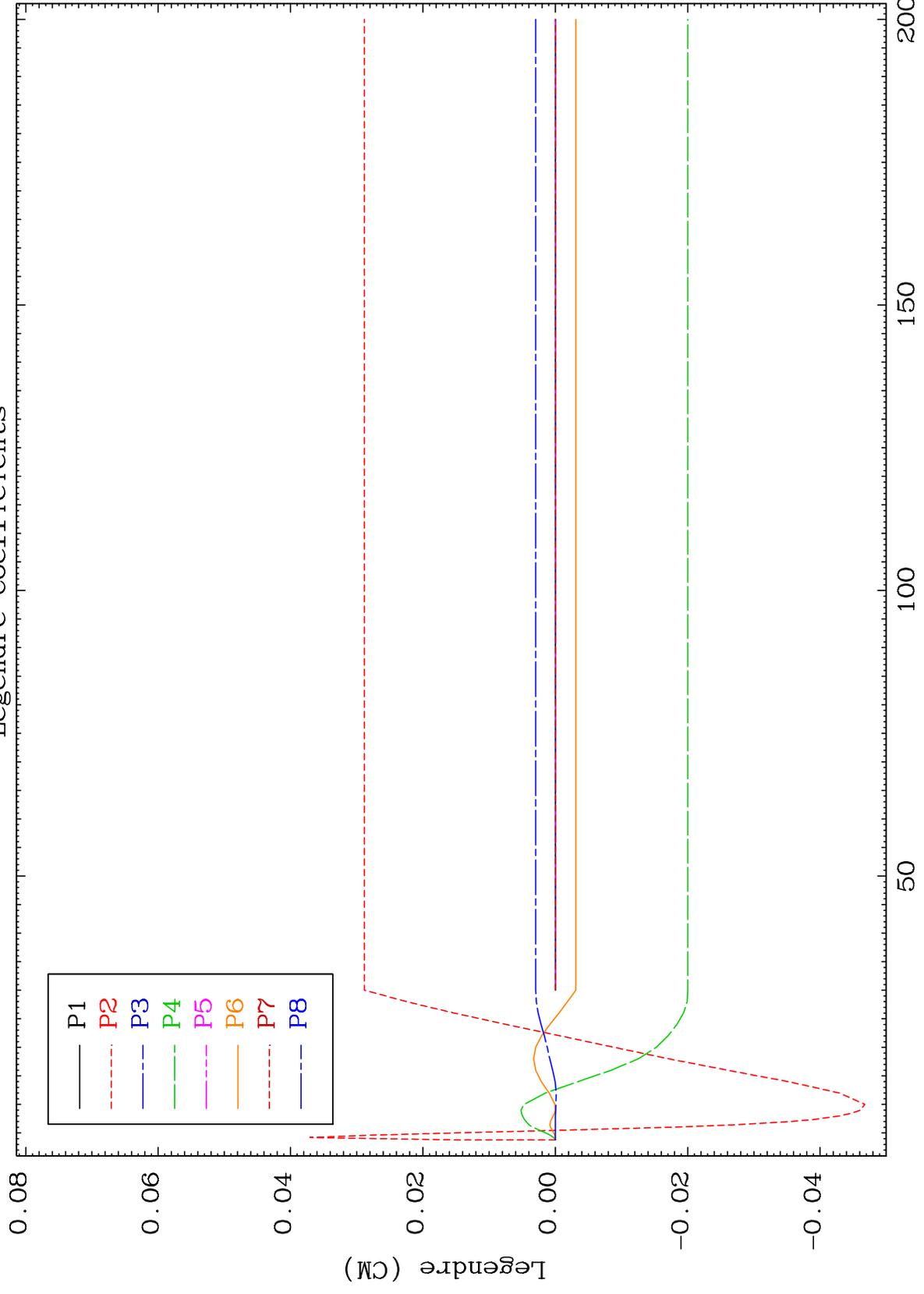
30-Zn-78



71

MAT 3067 MT= 68 (n,n') Level Legendre Coefficients

30-Zn-78



30-Zn-78

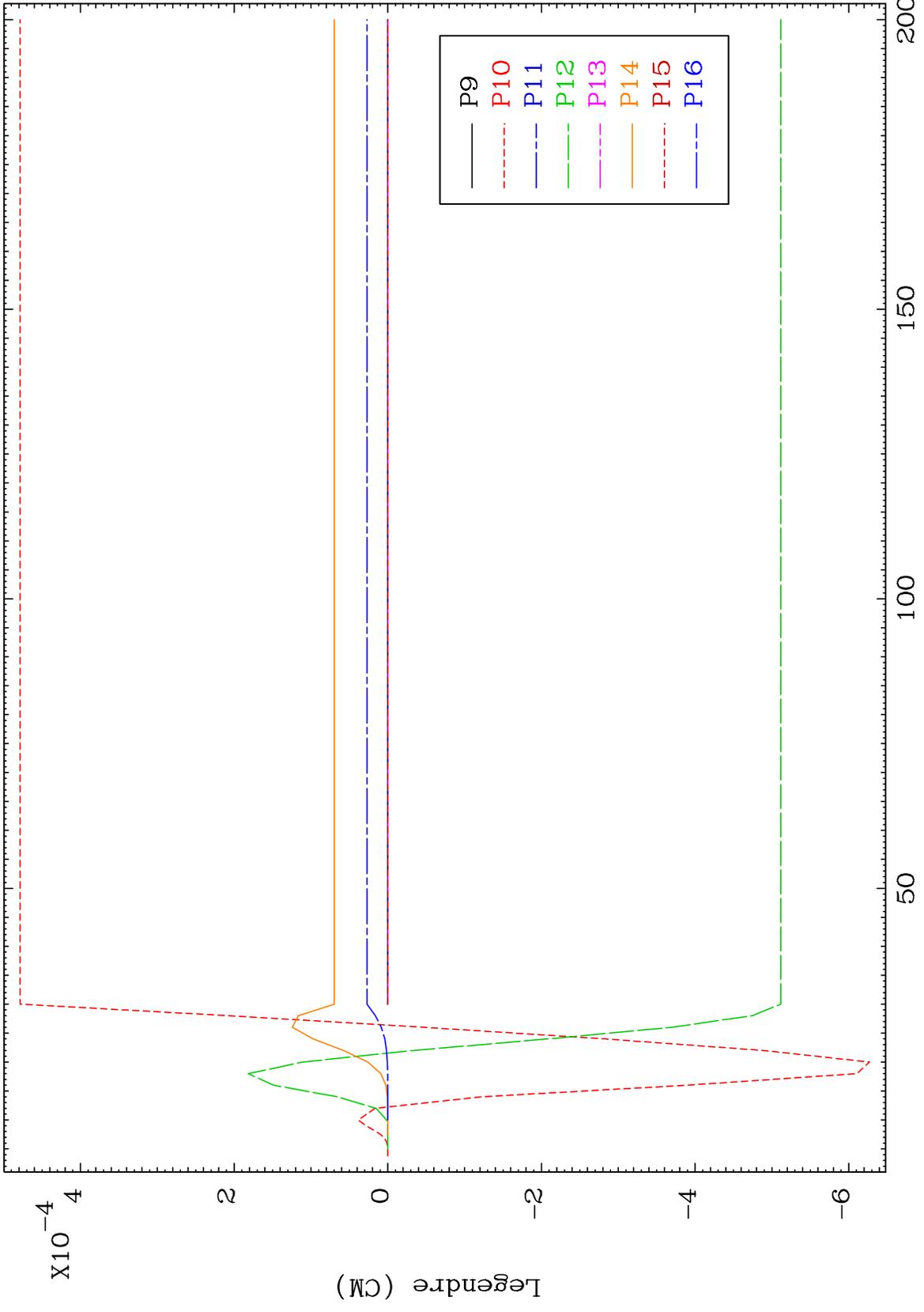
Incident Energy (MeV)

72

MAT 3067

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

30-Zn-78

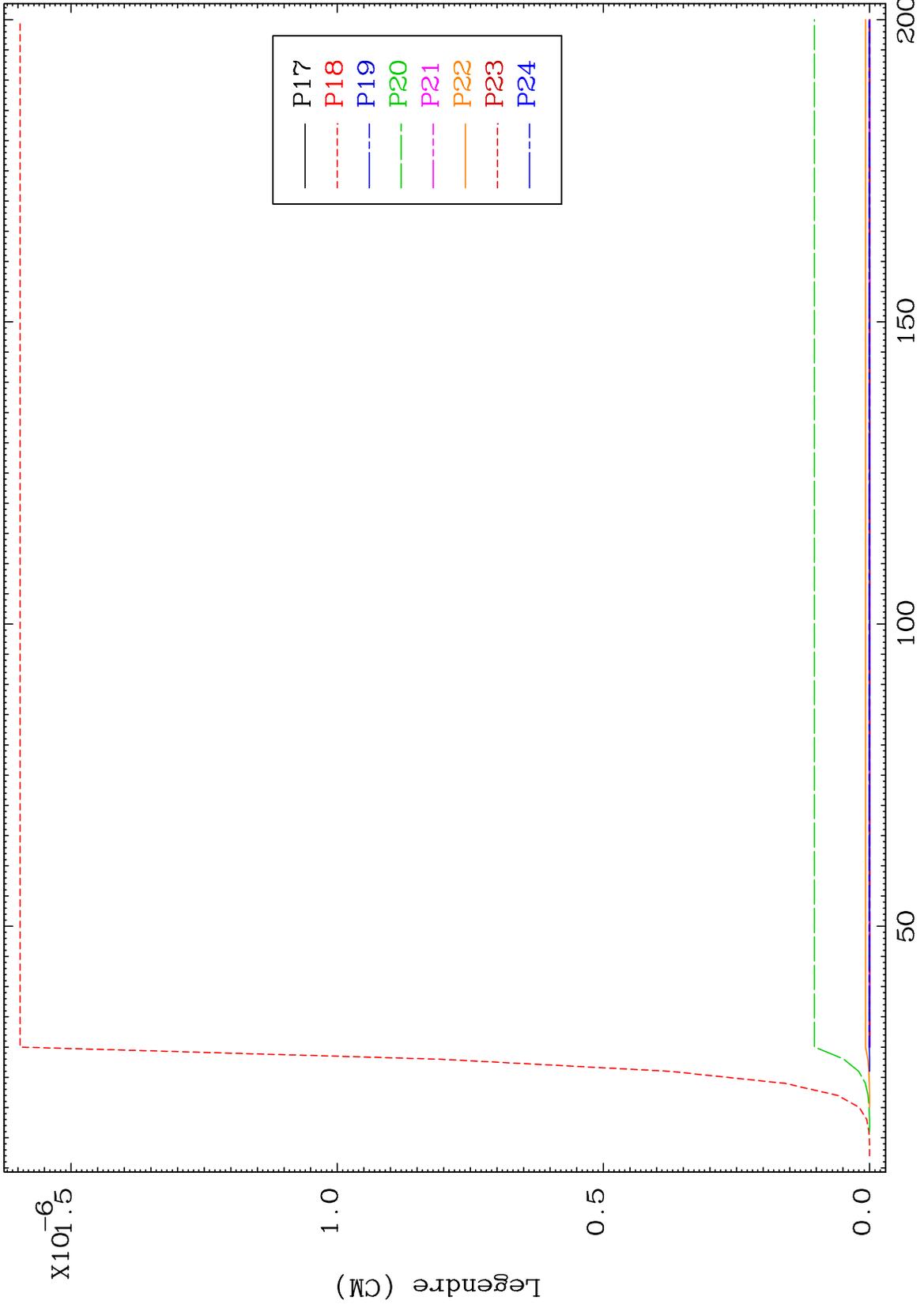


73

Incident Energy (MeV)

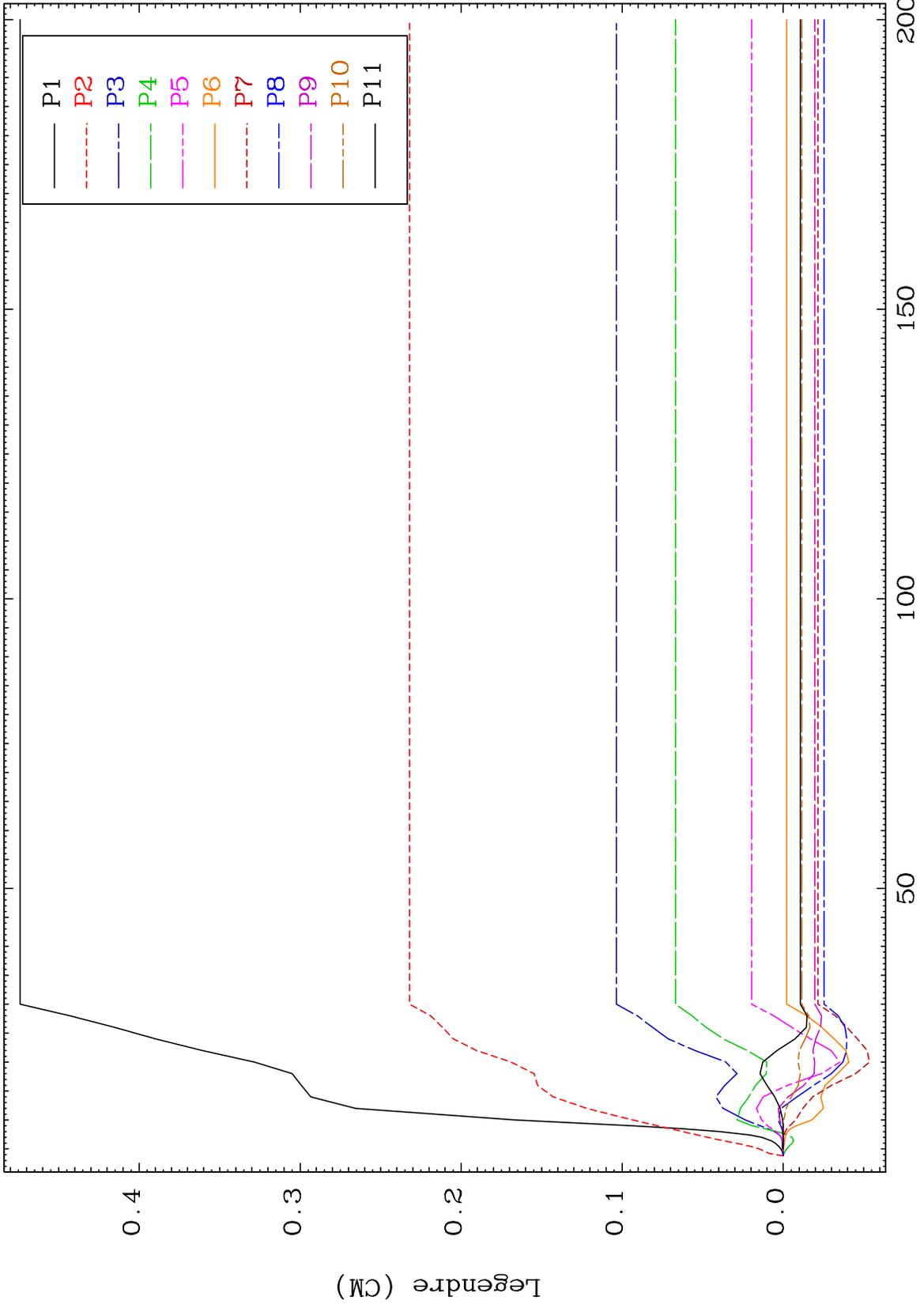
30-Zn-78

MAT 3067 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-78



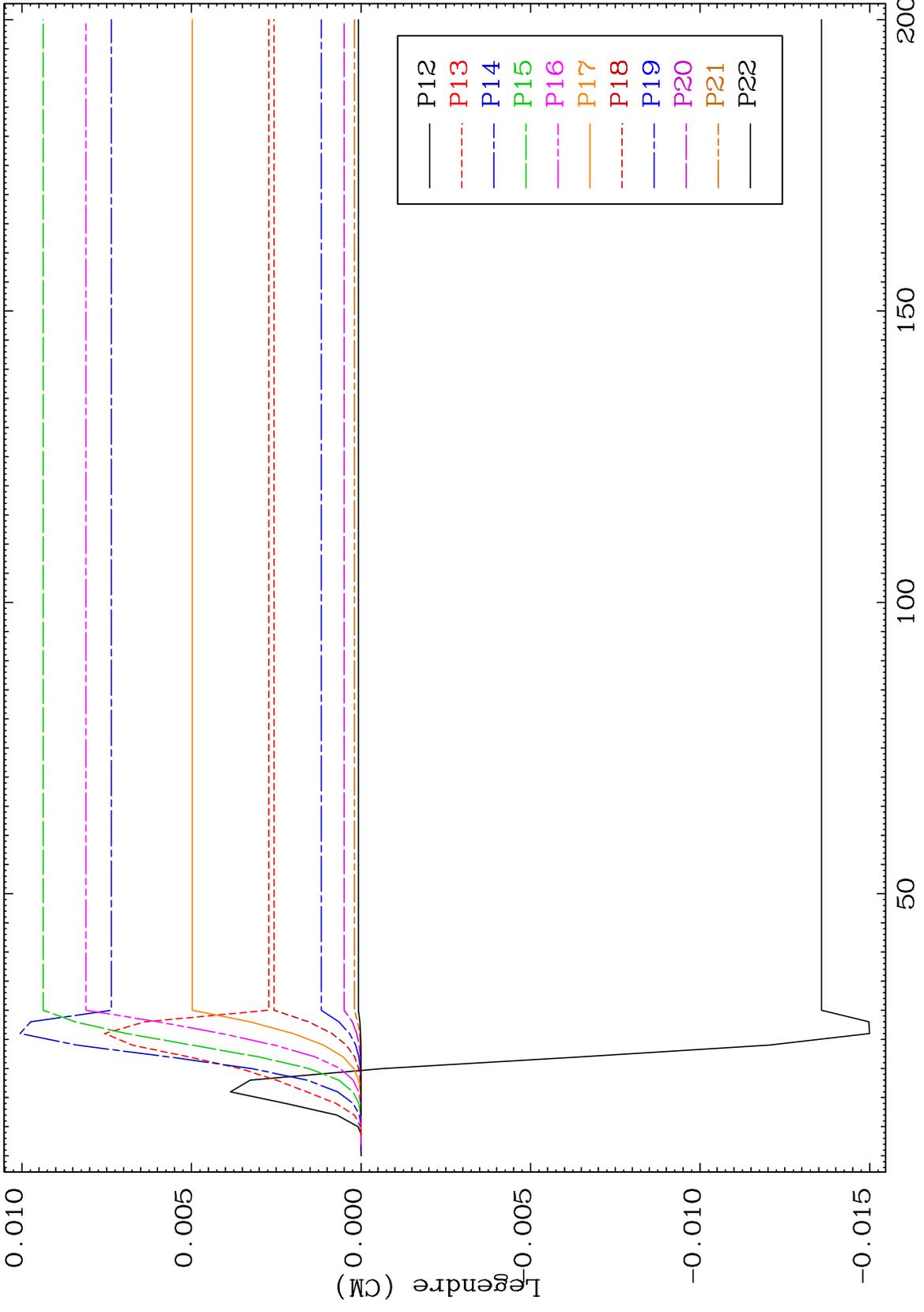
74 50 100 150 200 30-Zn-78

MAT 3067 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-78



75 50 100 150 200 30-Zn-78

MAT 3067 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-78

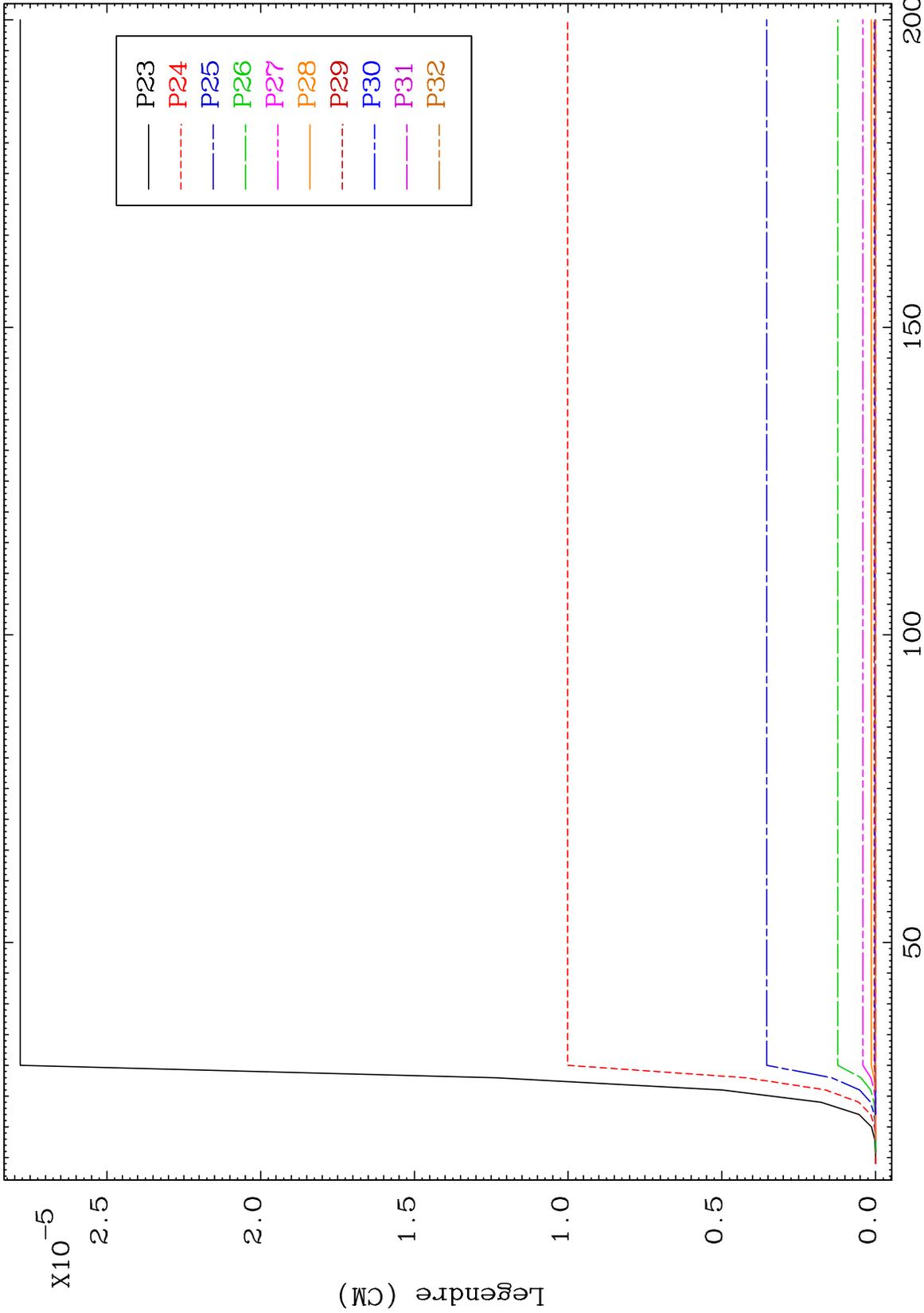


76 30-Zn-78

MAT 3067

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

30-Zn-78



77

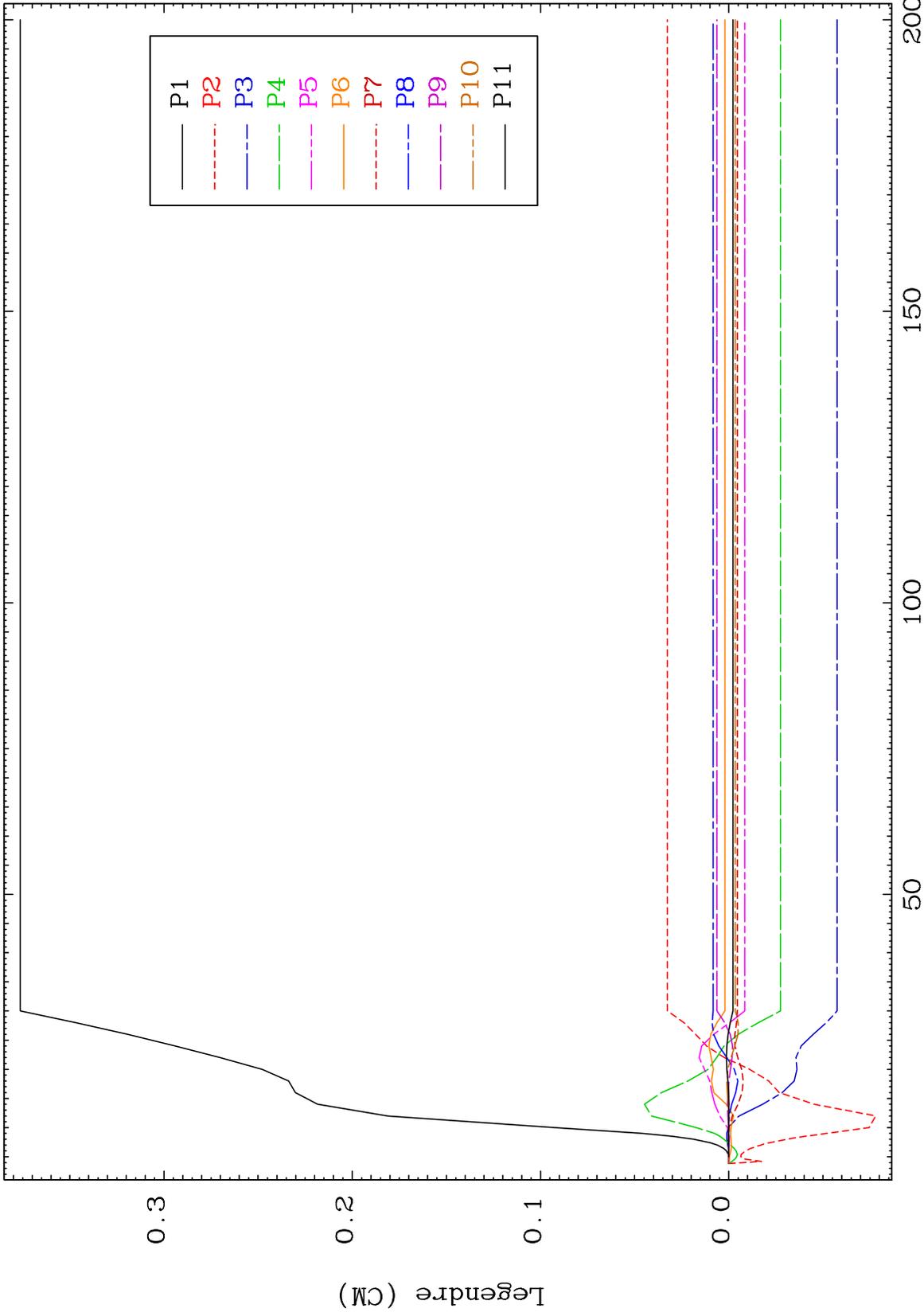
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

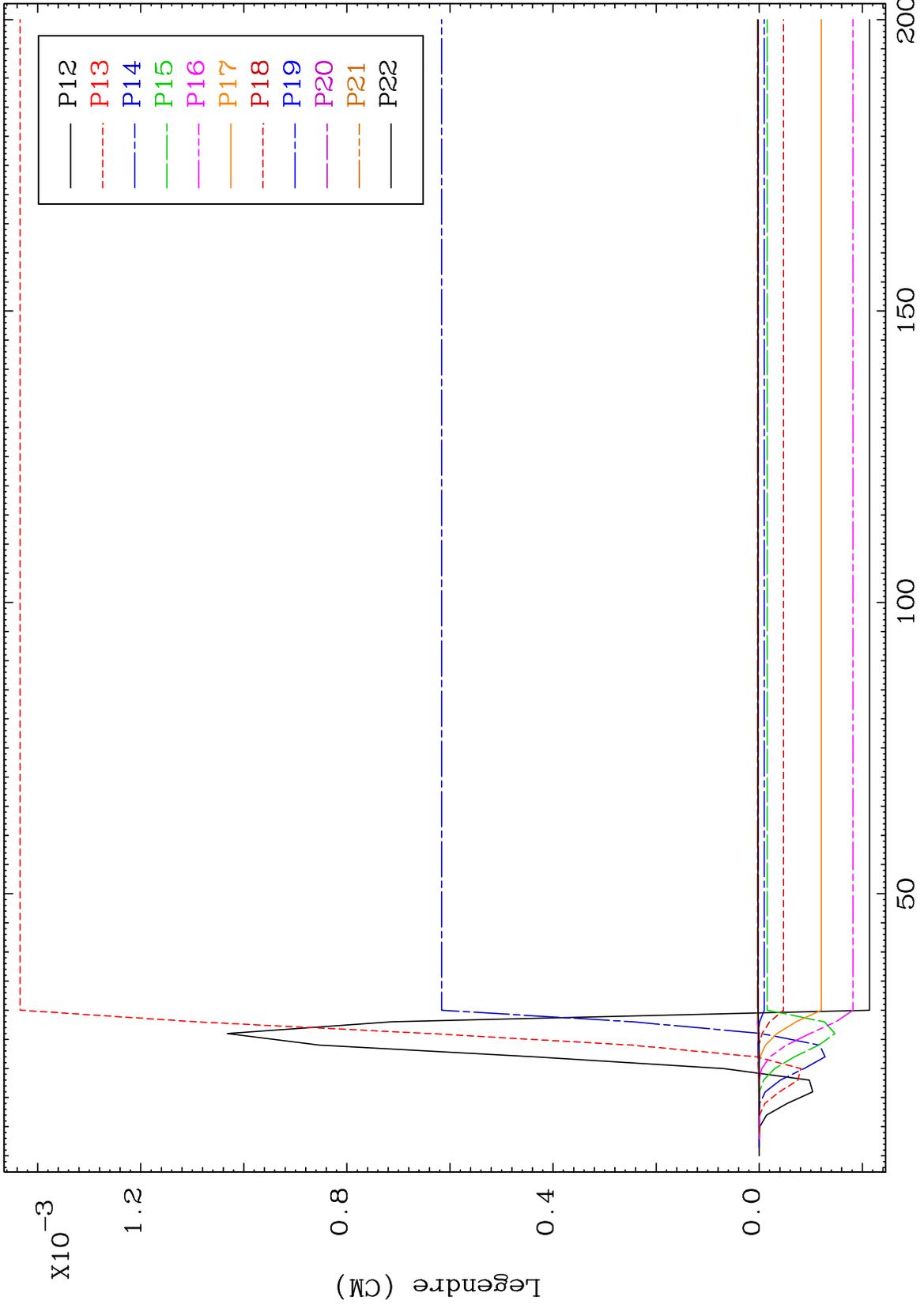


78

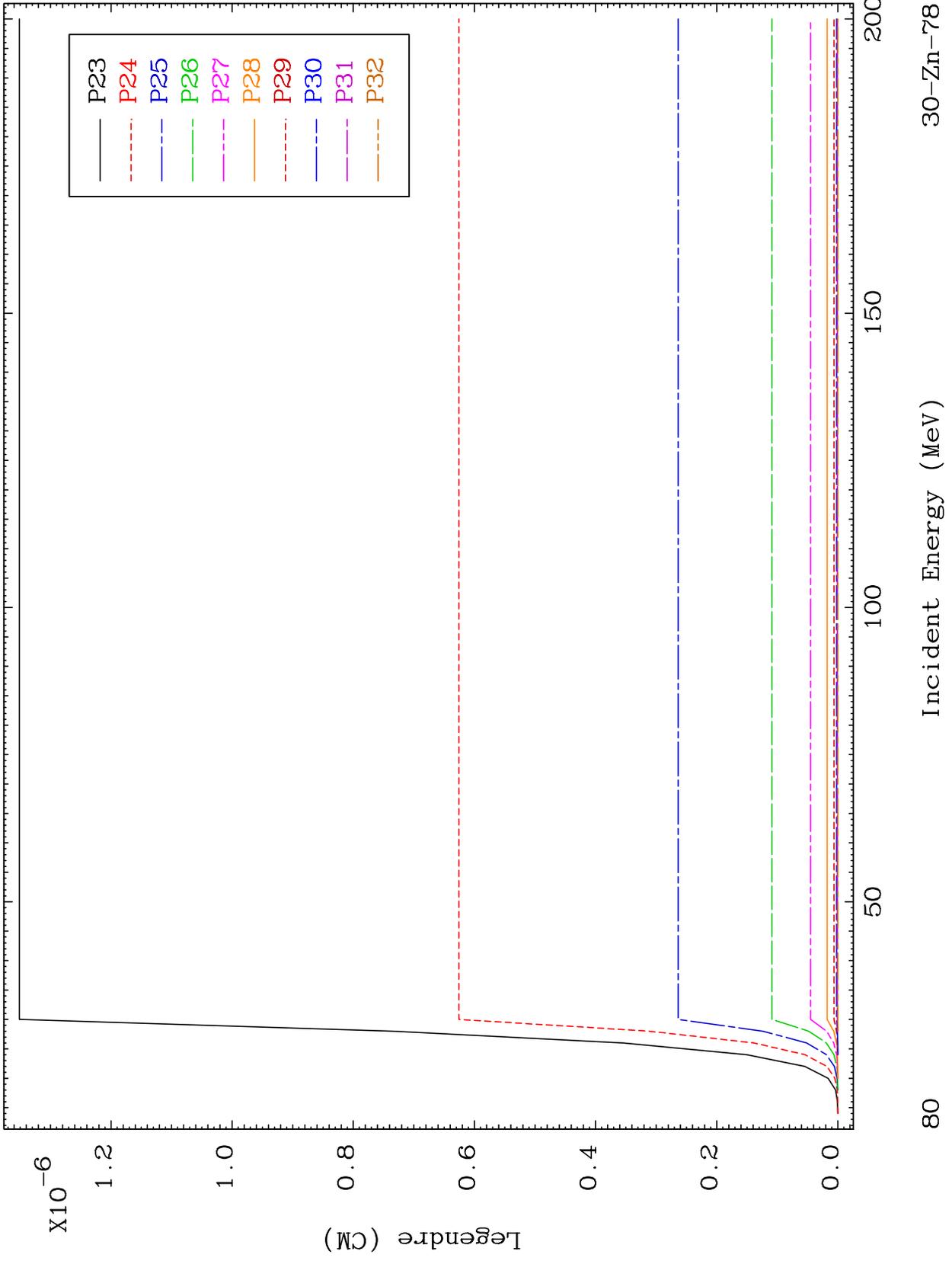
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-78



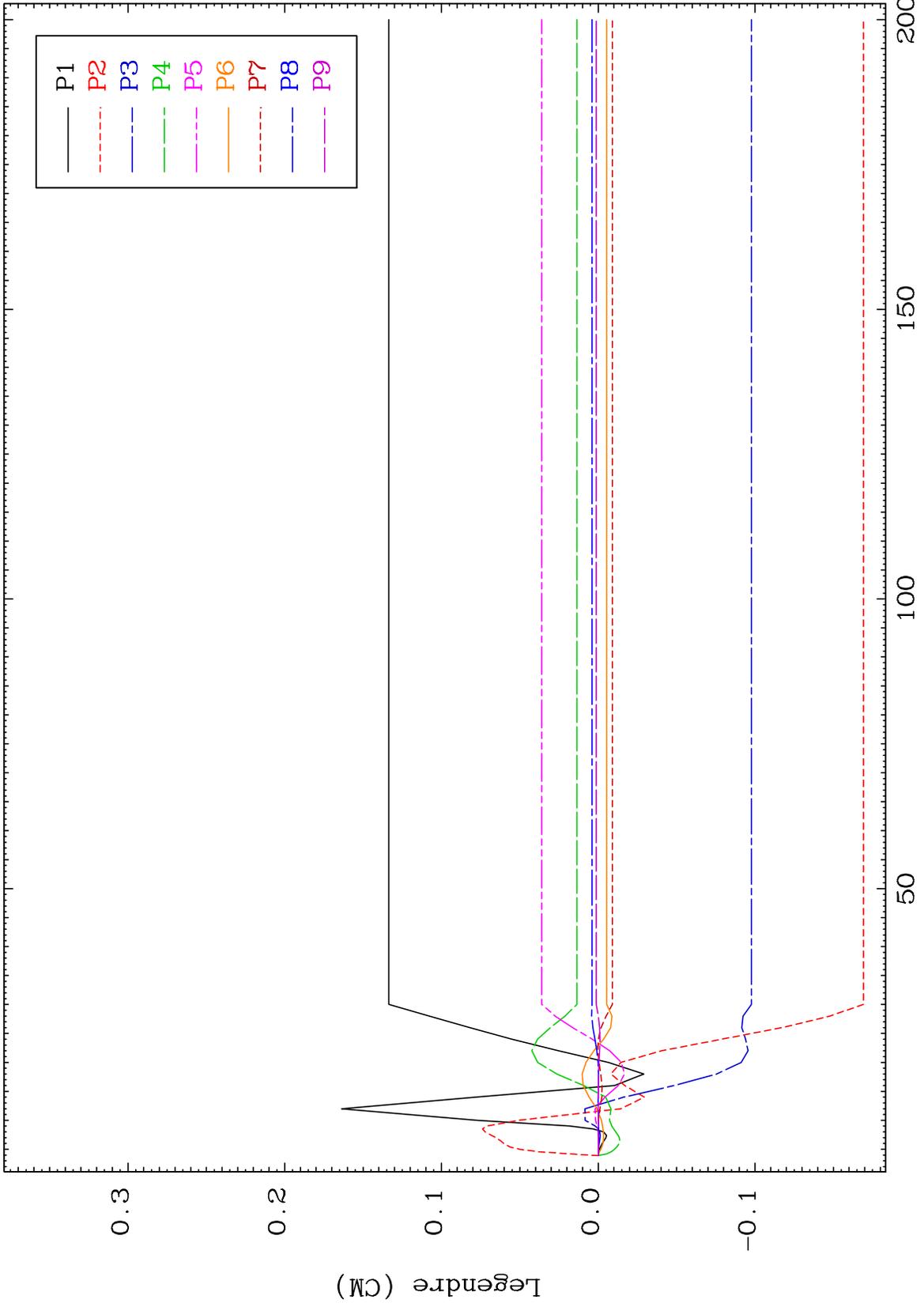
MAT 3067 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

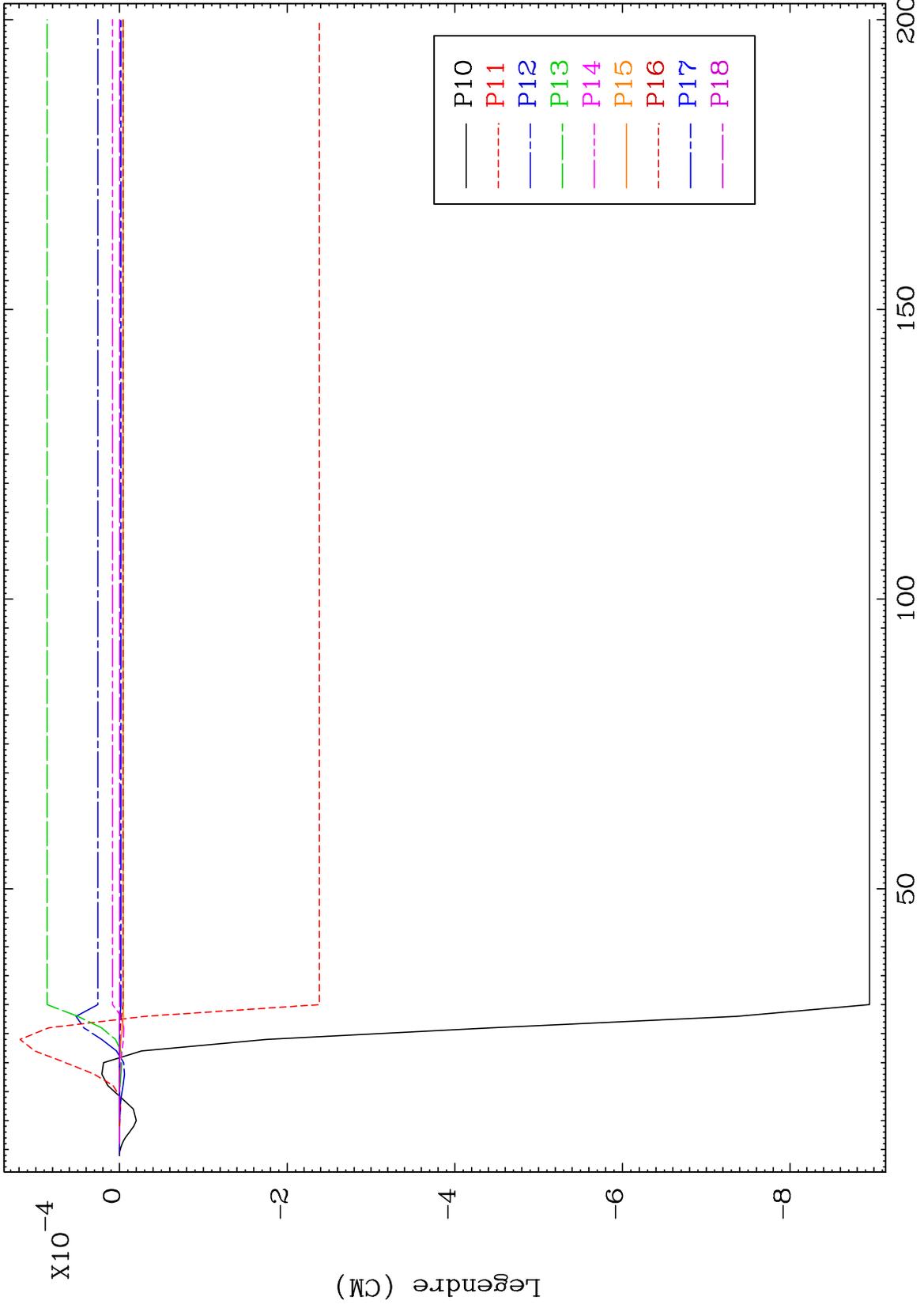
30-Zn-78



81

30-Zn-78

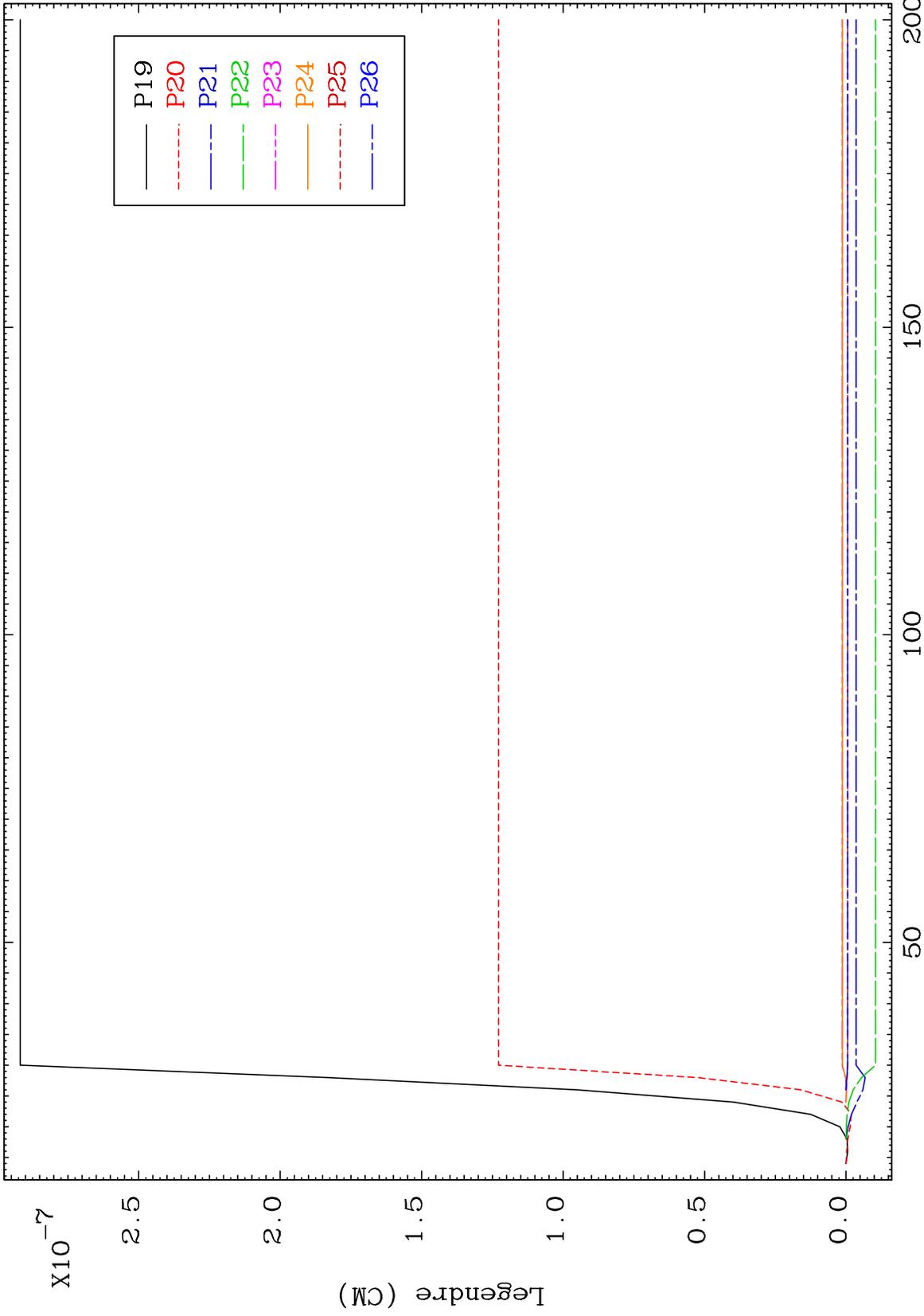
MAT 3067 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78

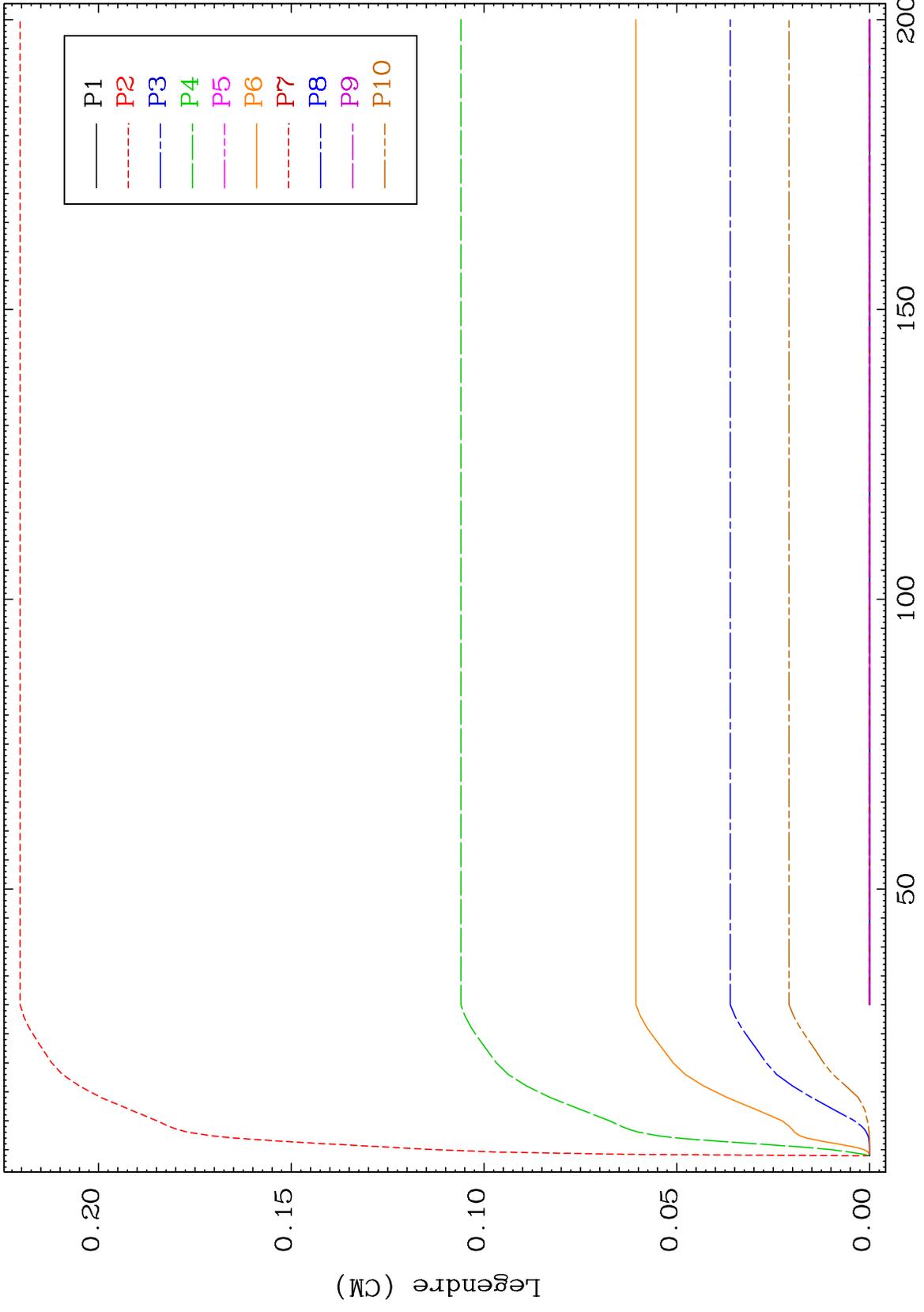


83

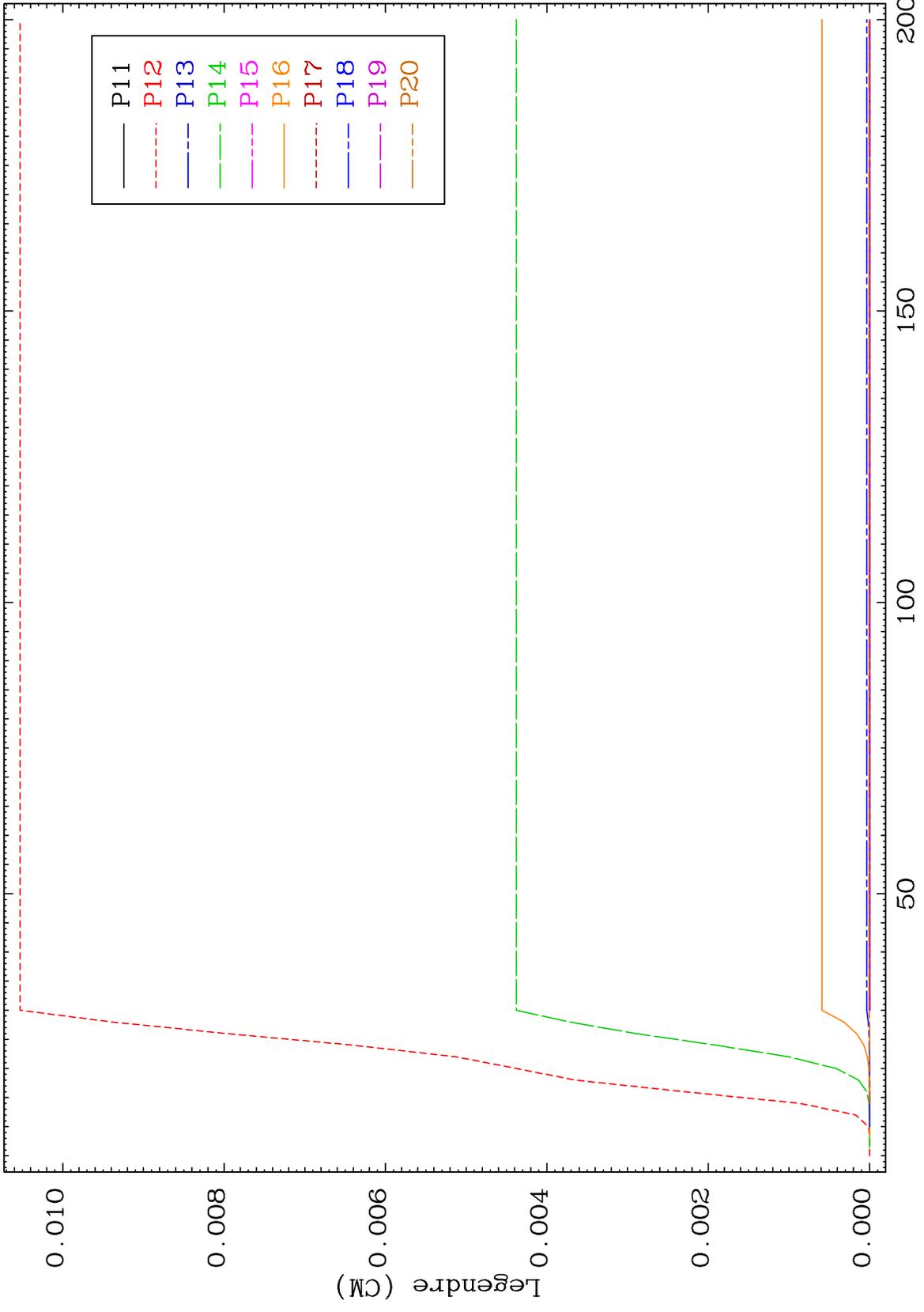
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-78

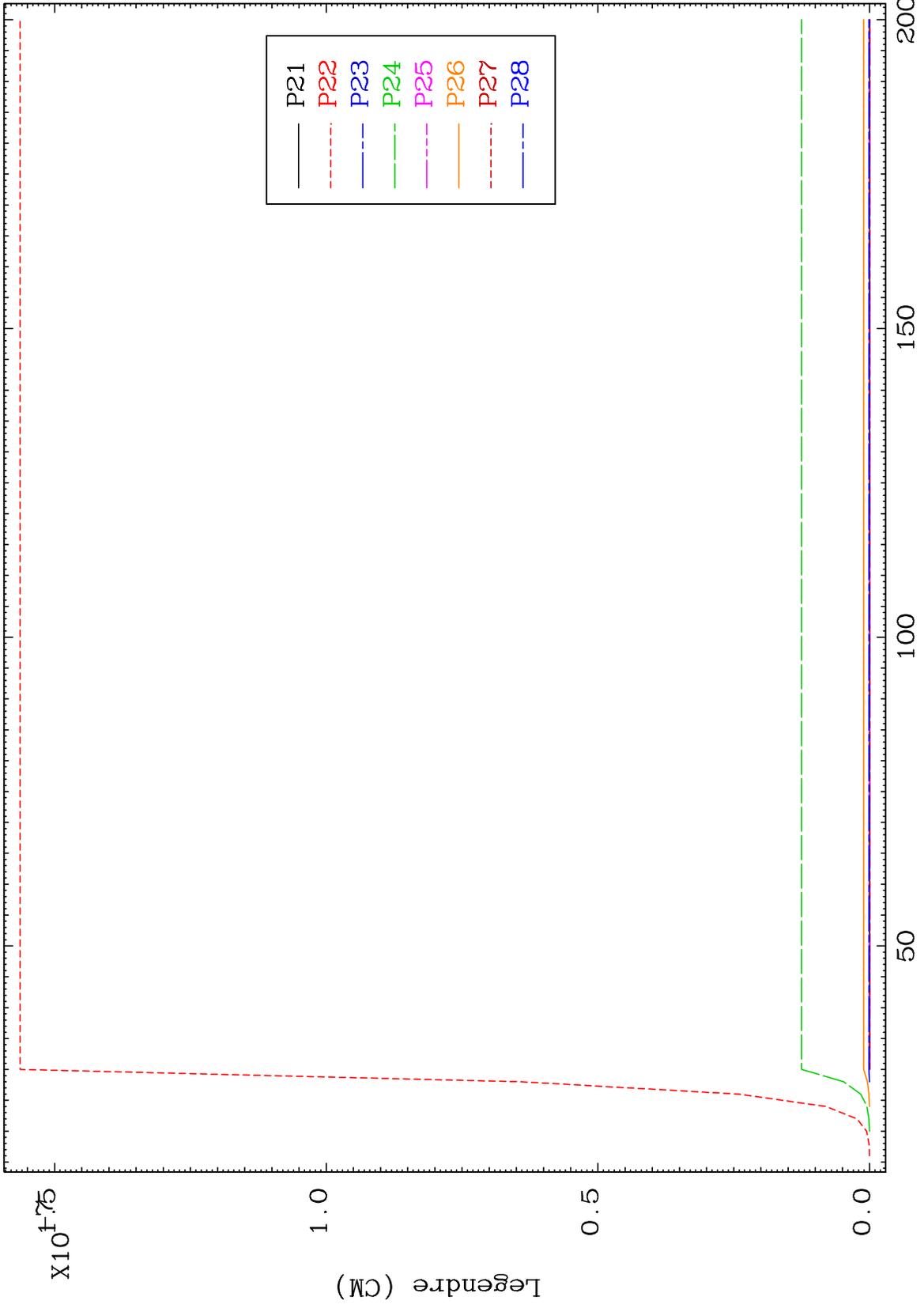


MAT 3067 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-78

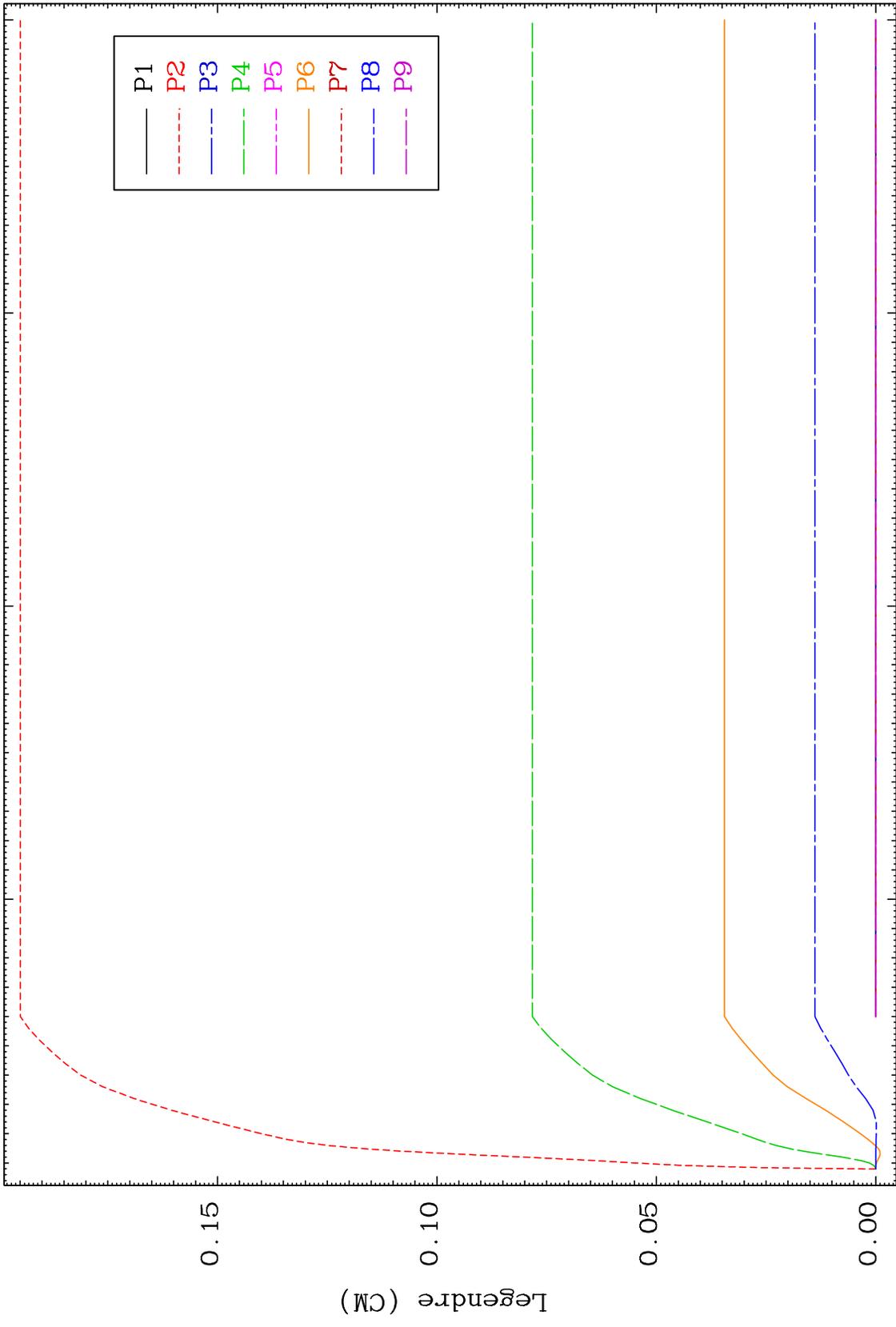


85 Incident Energy (MeV) 30-Zn-78

MAT 3067 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-78



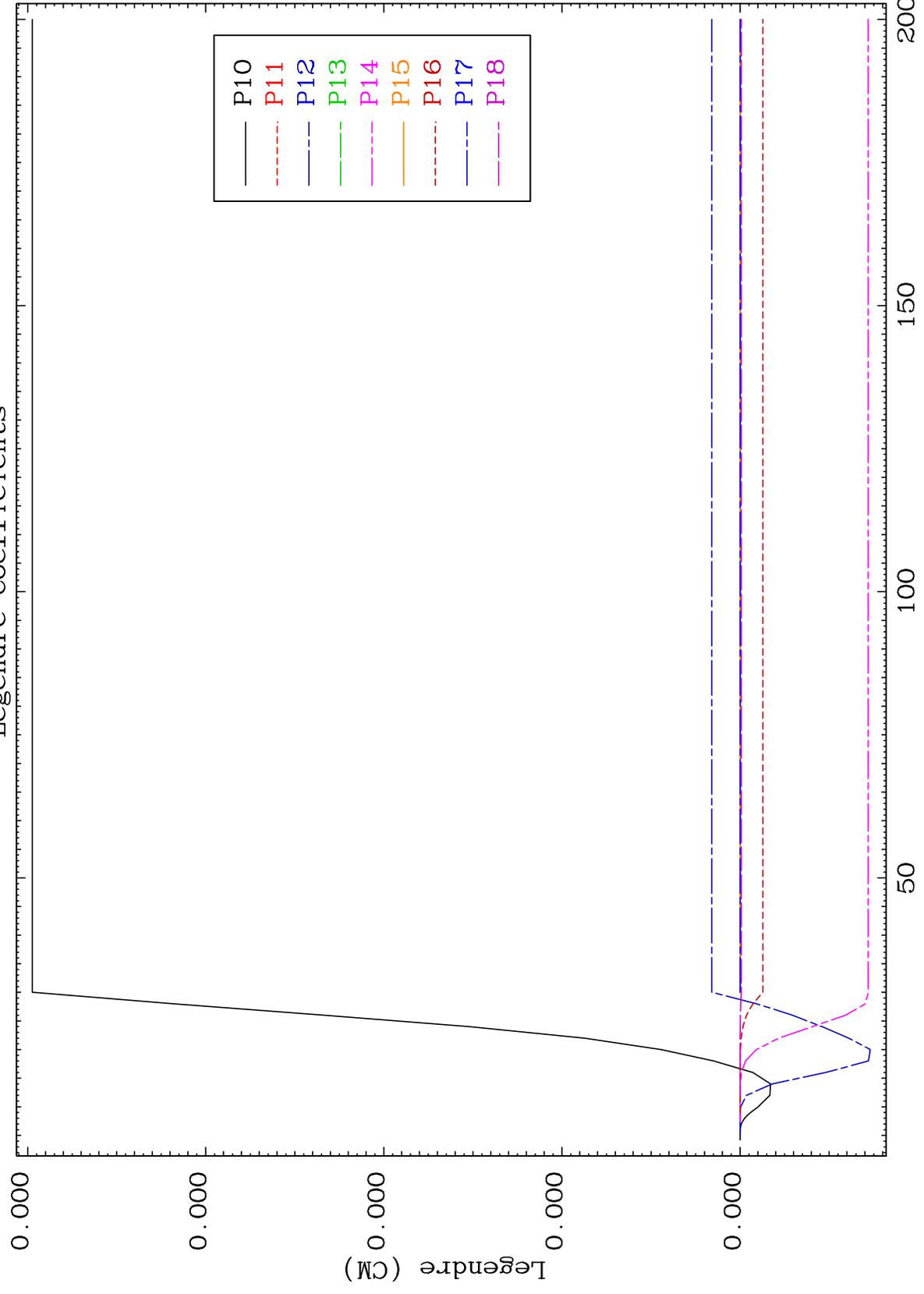
MAT 3067 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-78



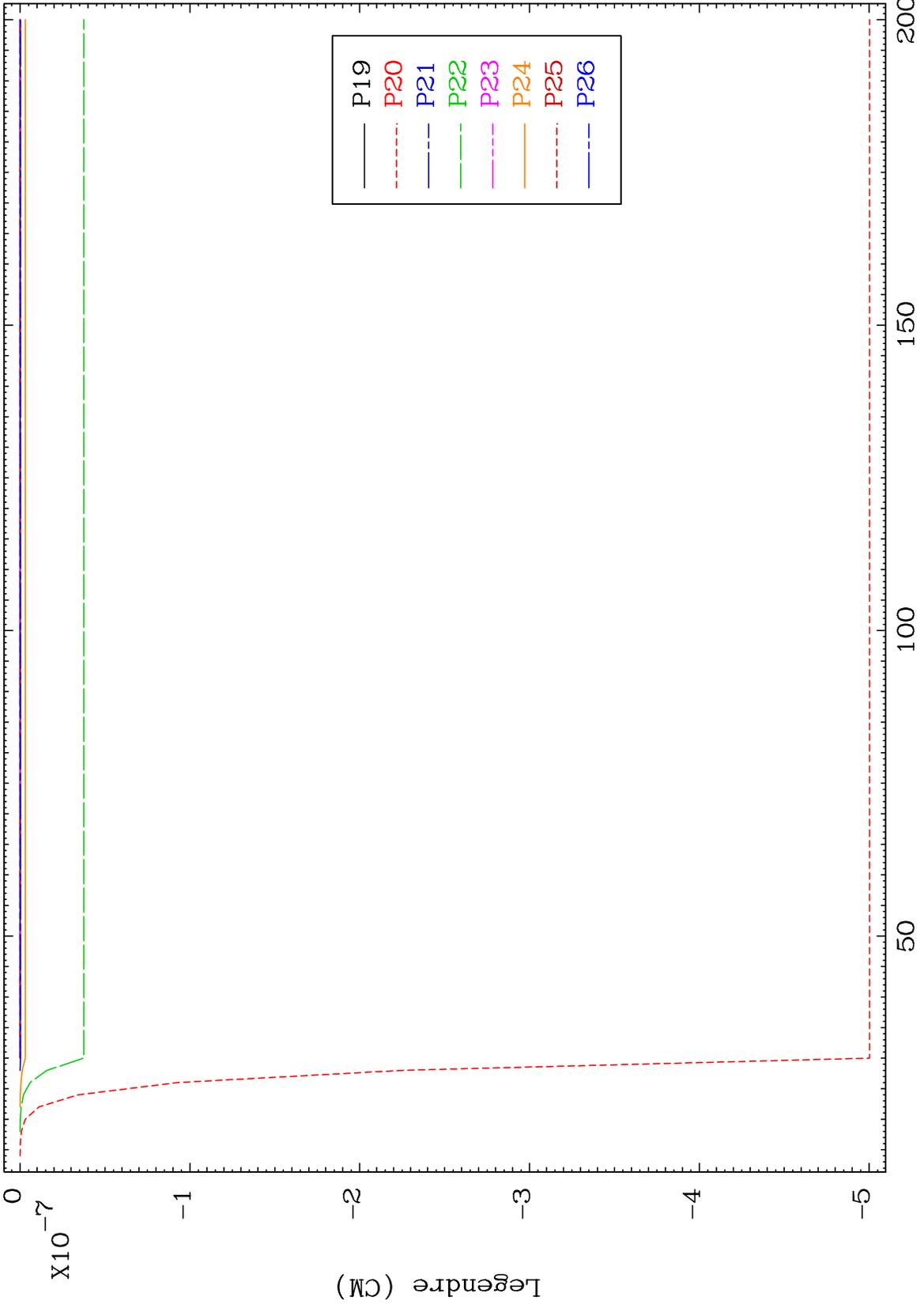
87

30-Zn-78

MAT 3067 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-78



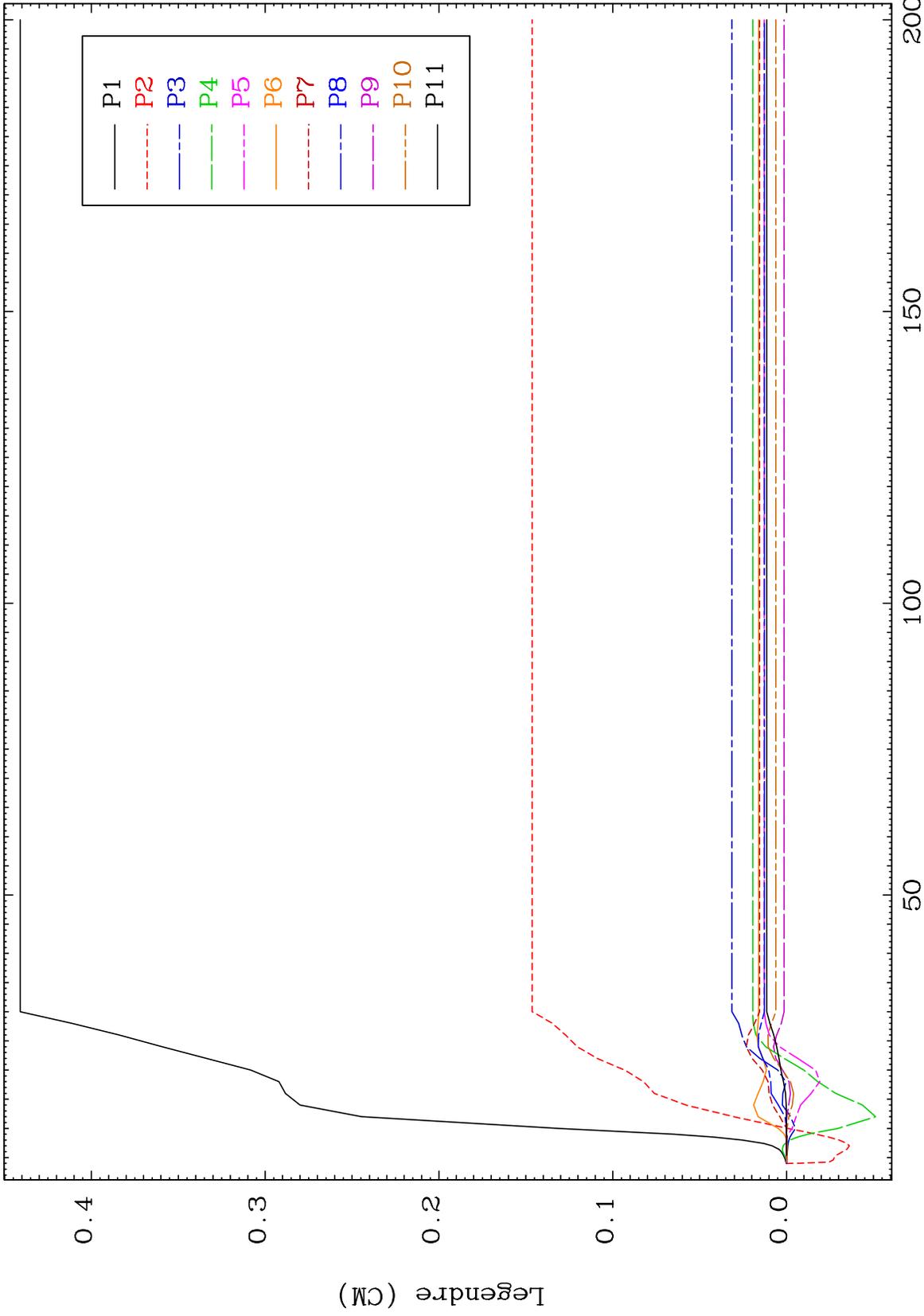
MAT 3067 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



90

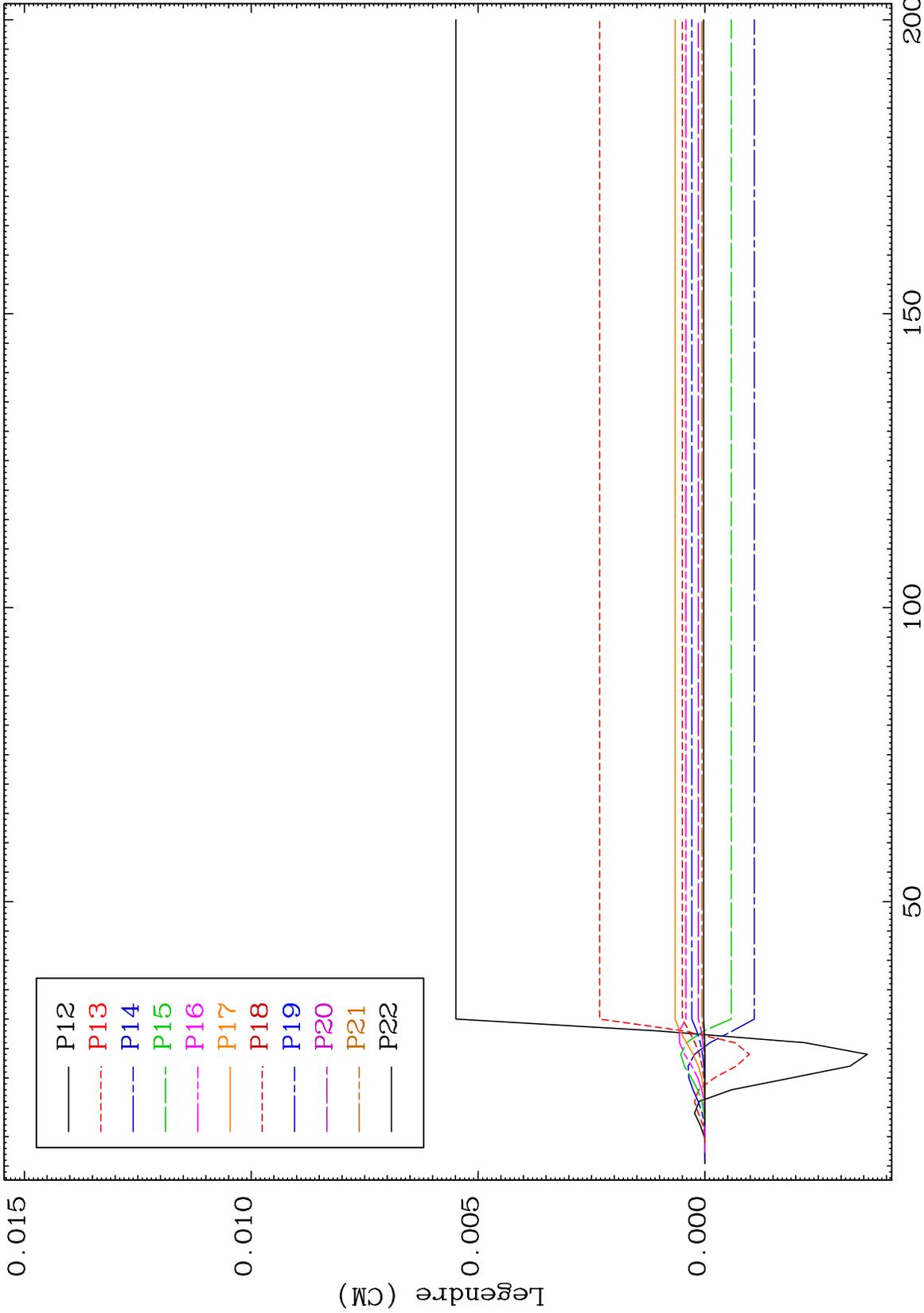
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

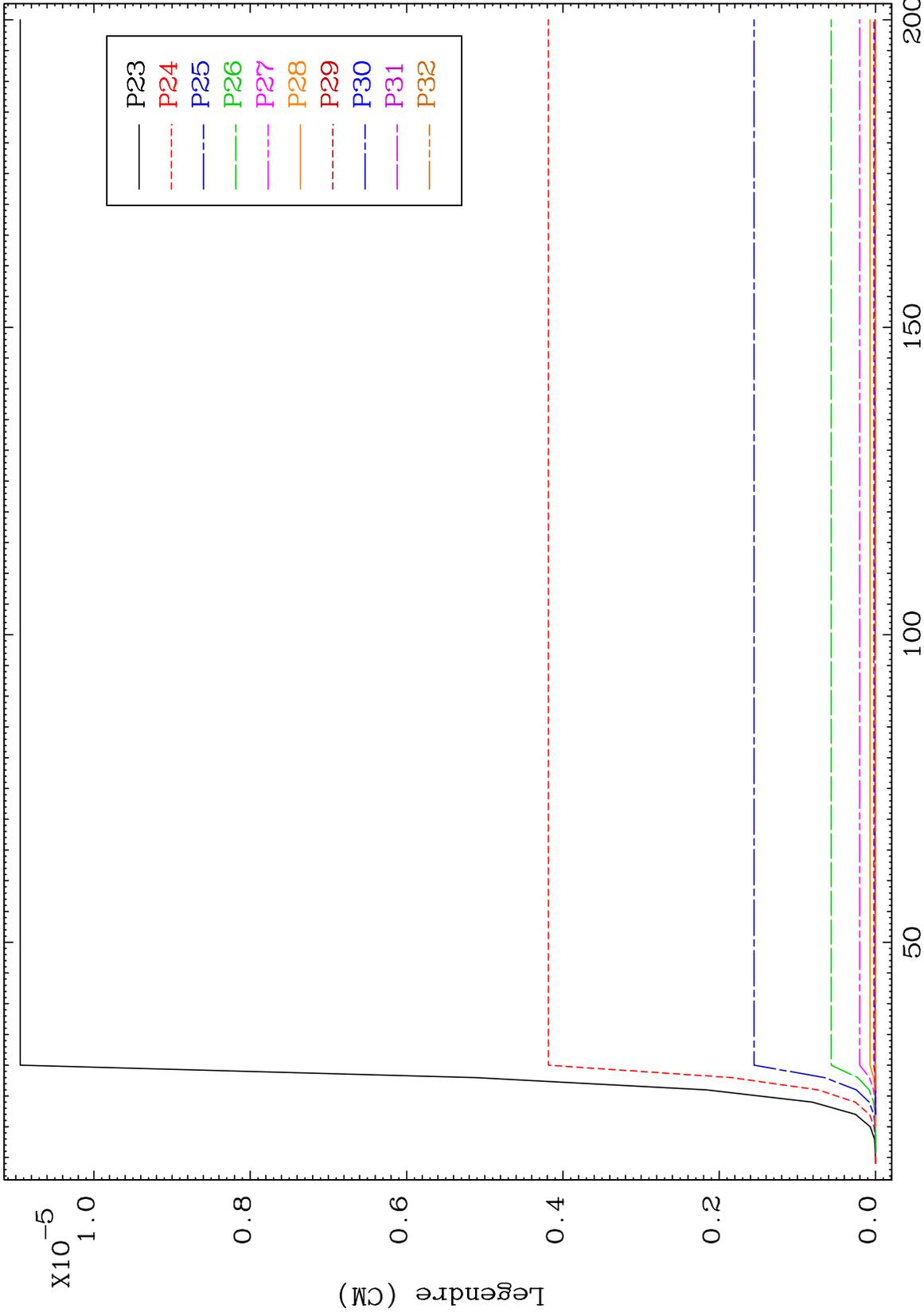
30-Zn-78



MAT 3067

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

30-Zn-78

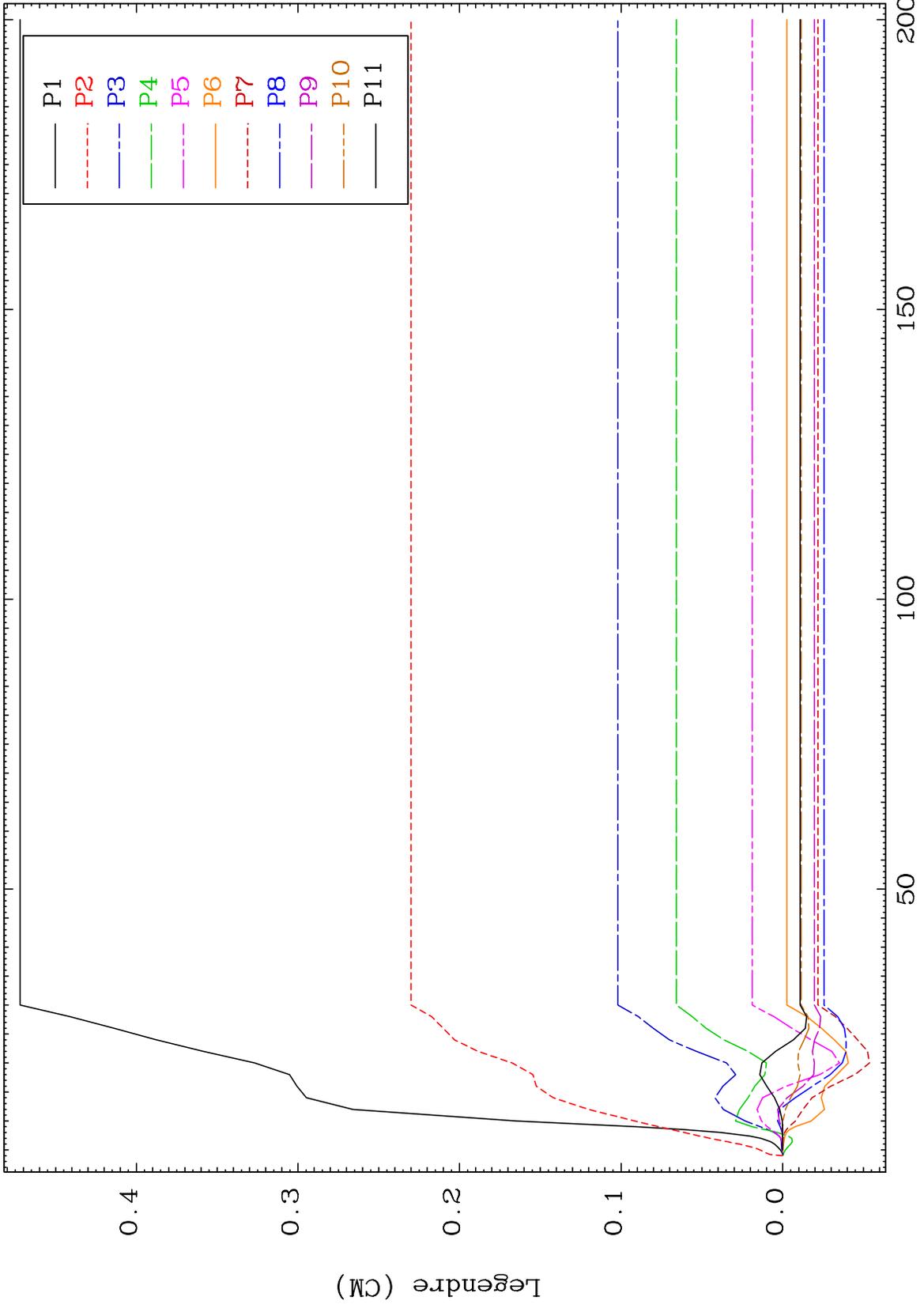


92

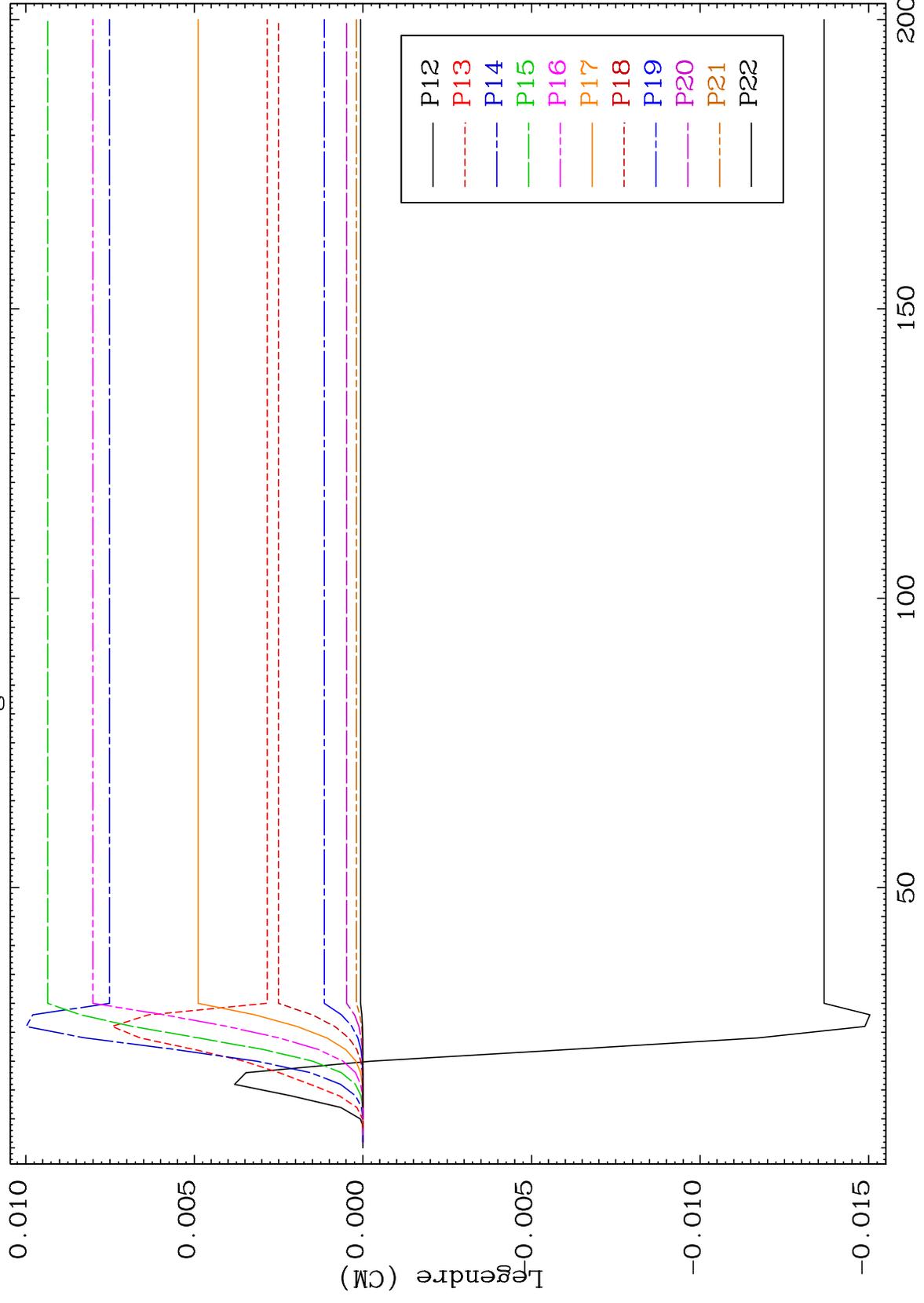
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-78



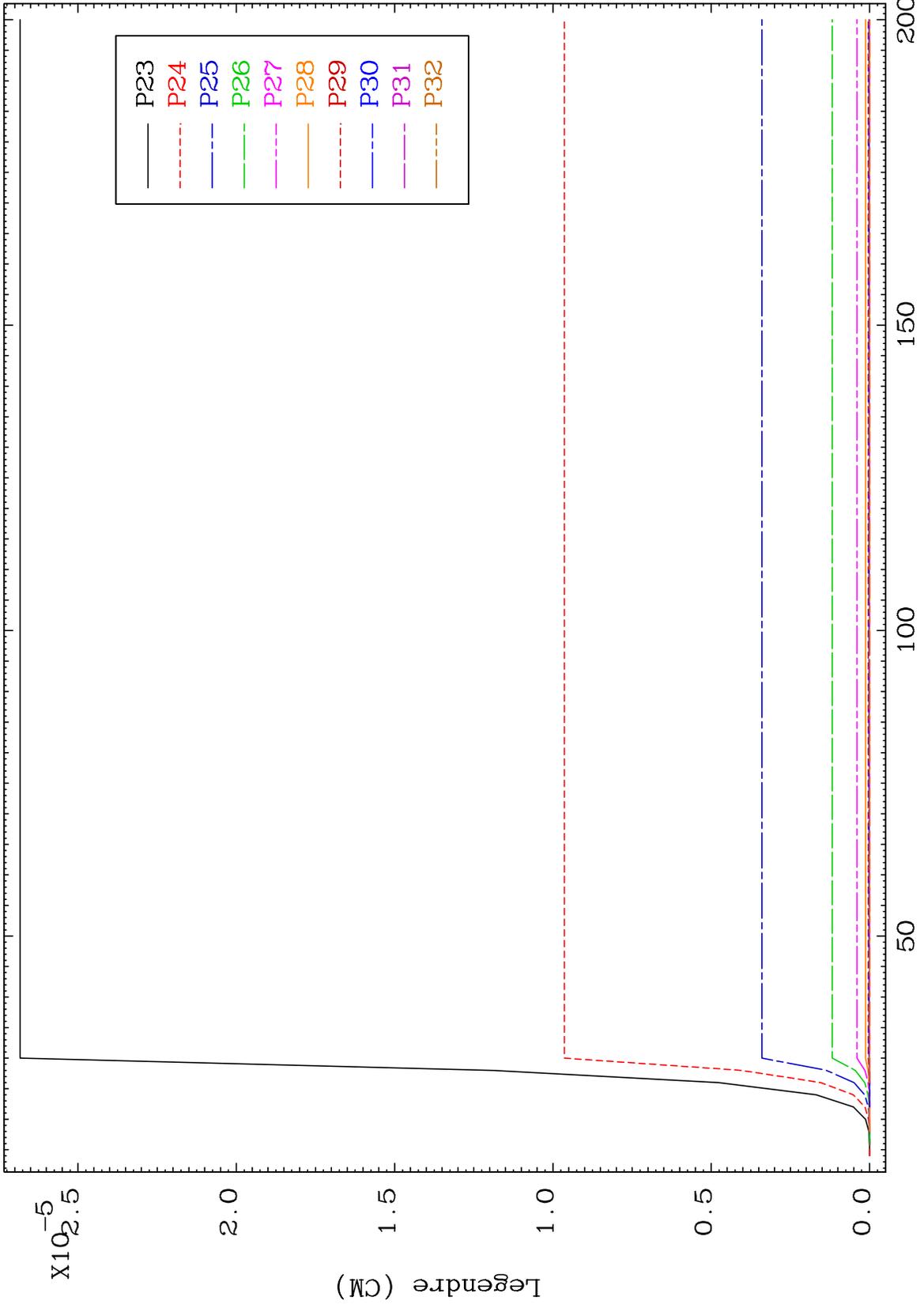
MAT 3067 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



95

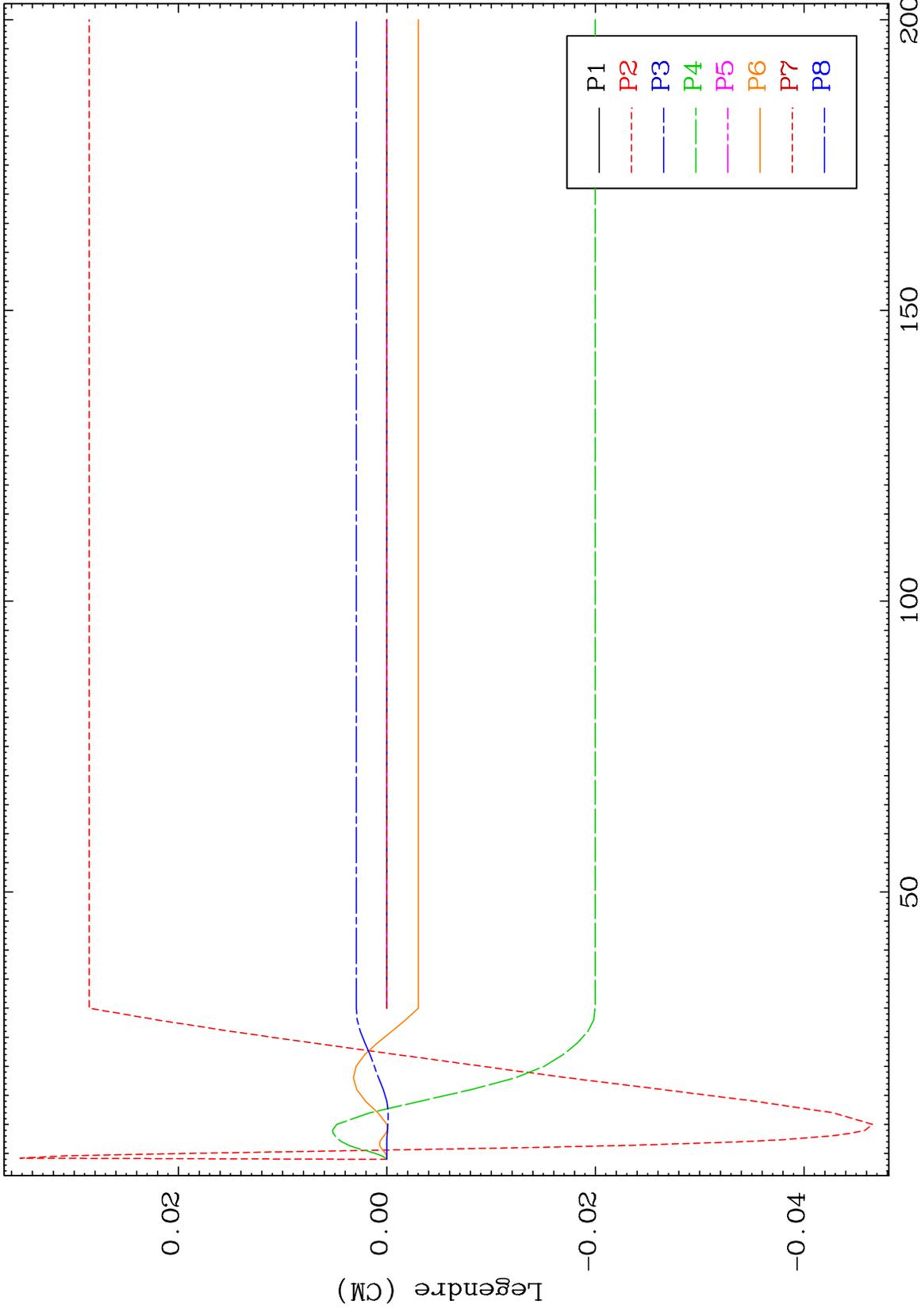
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



96

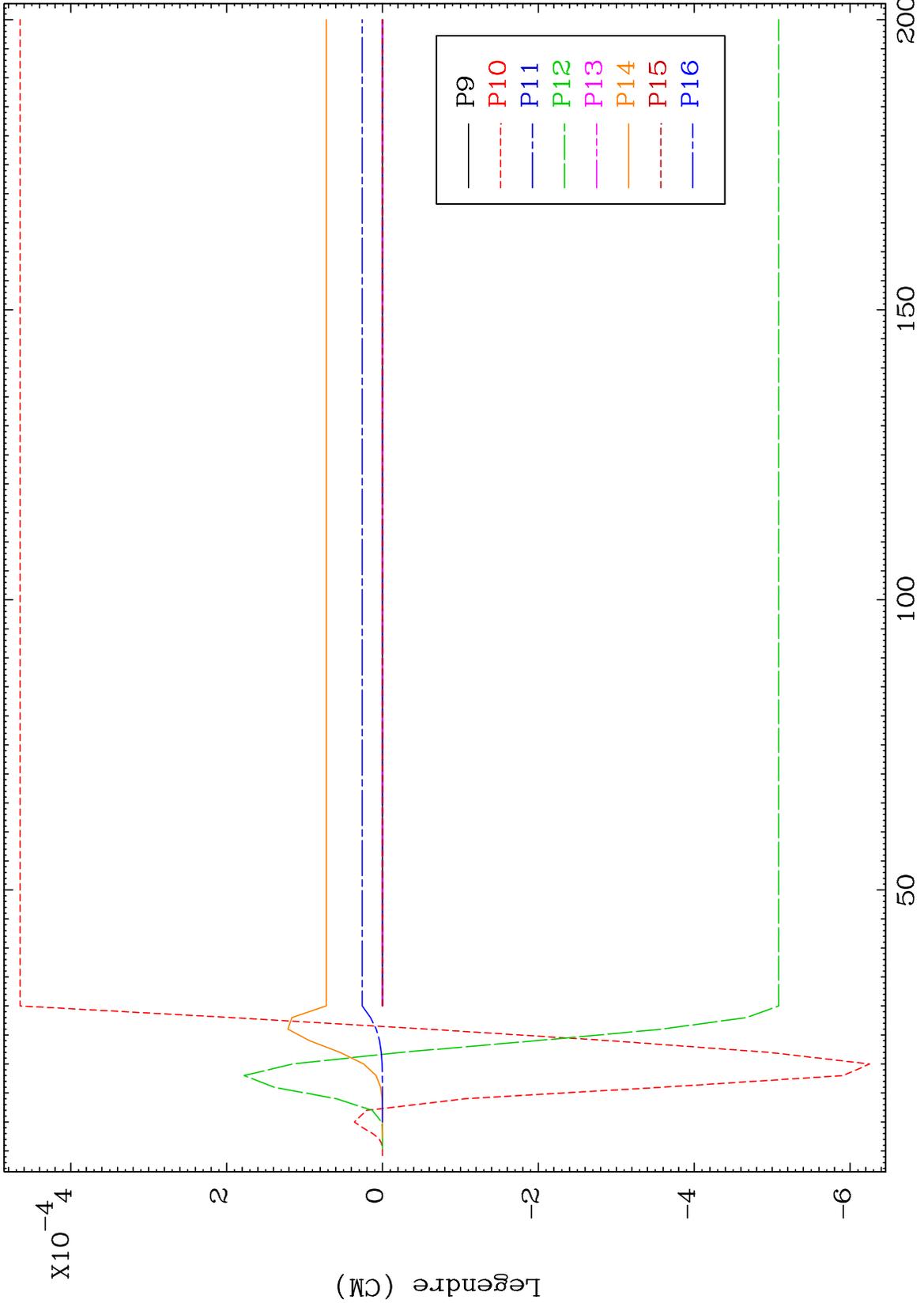
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

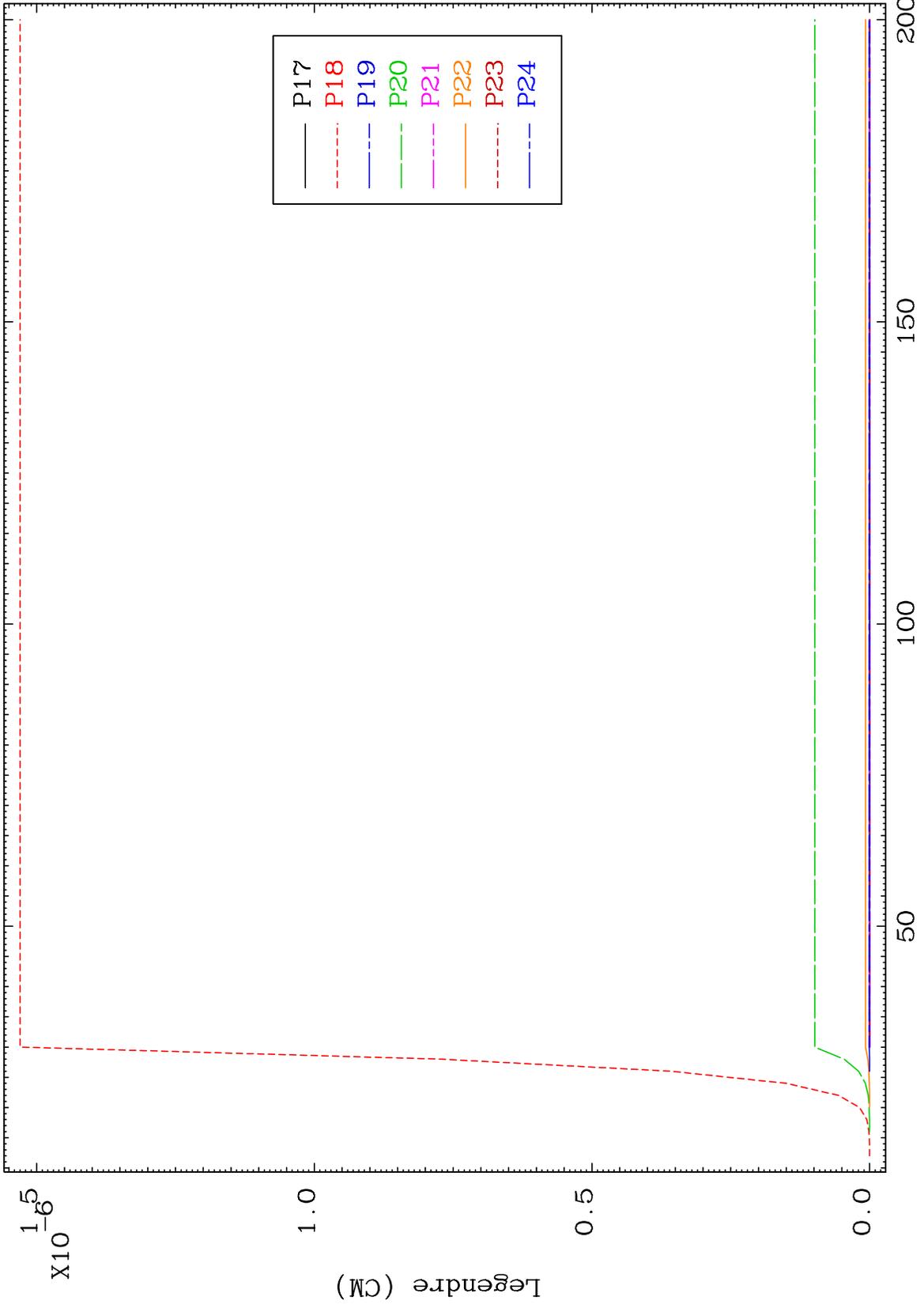


97

Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-78

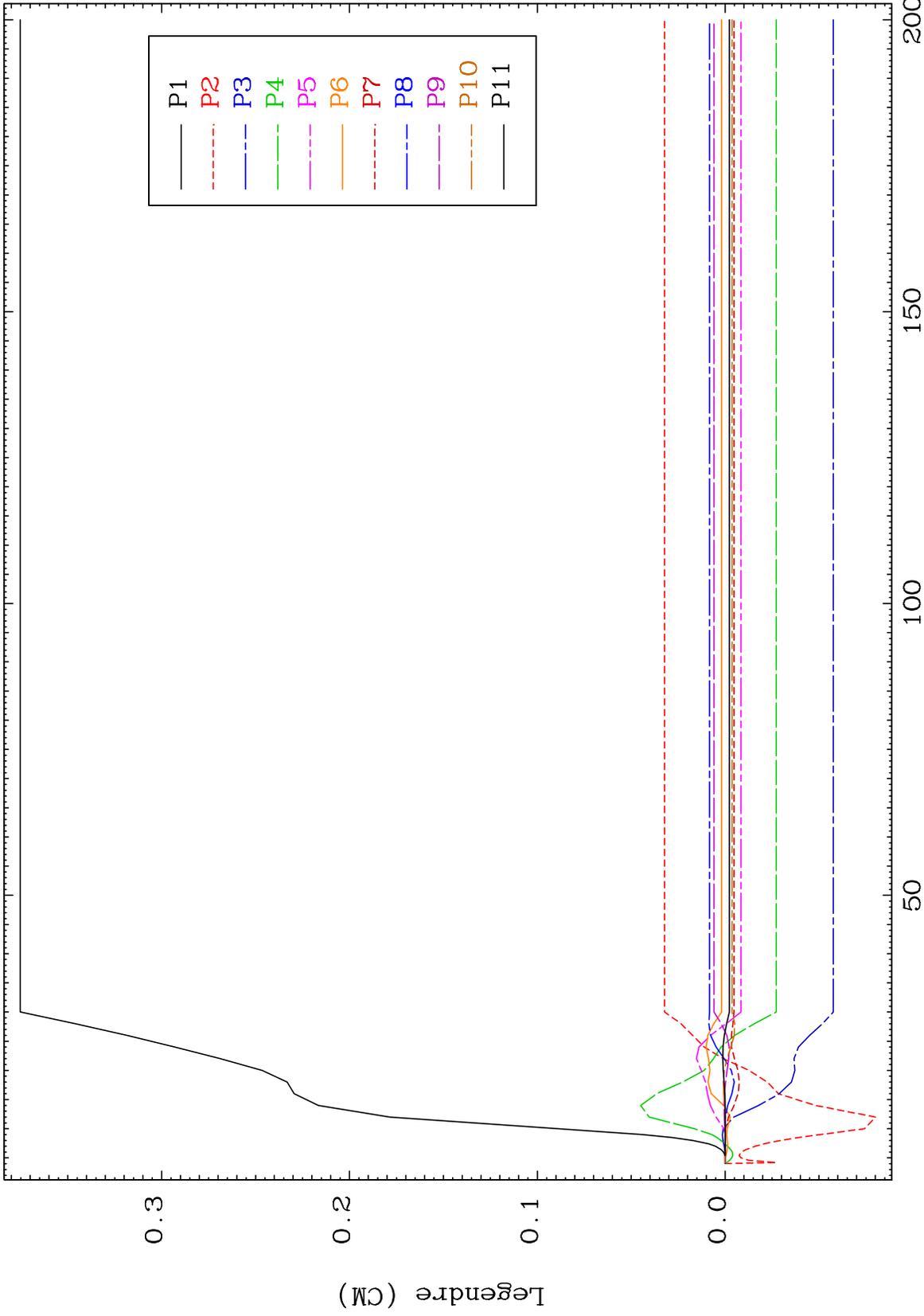


98 30-Zn-78

MAT 3067

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

30-Zn-78

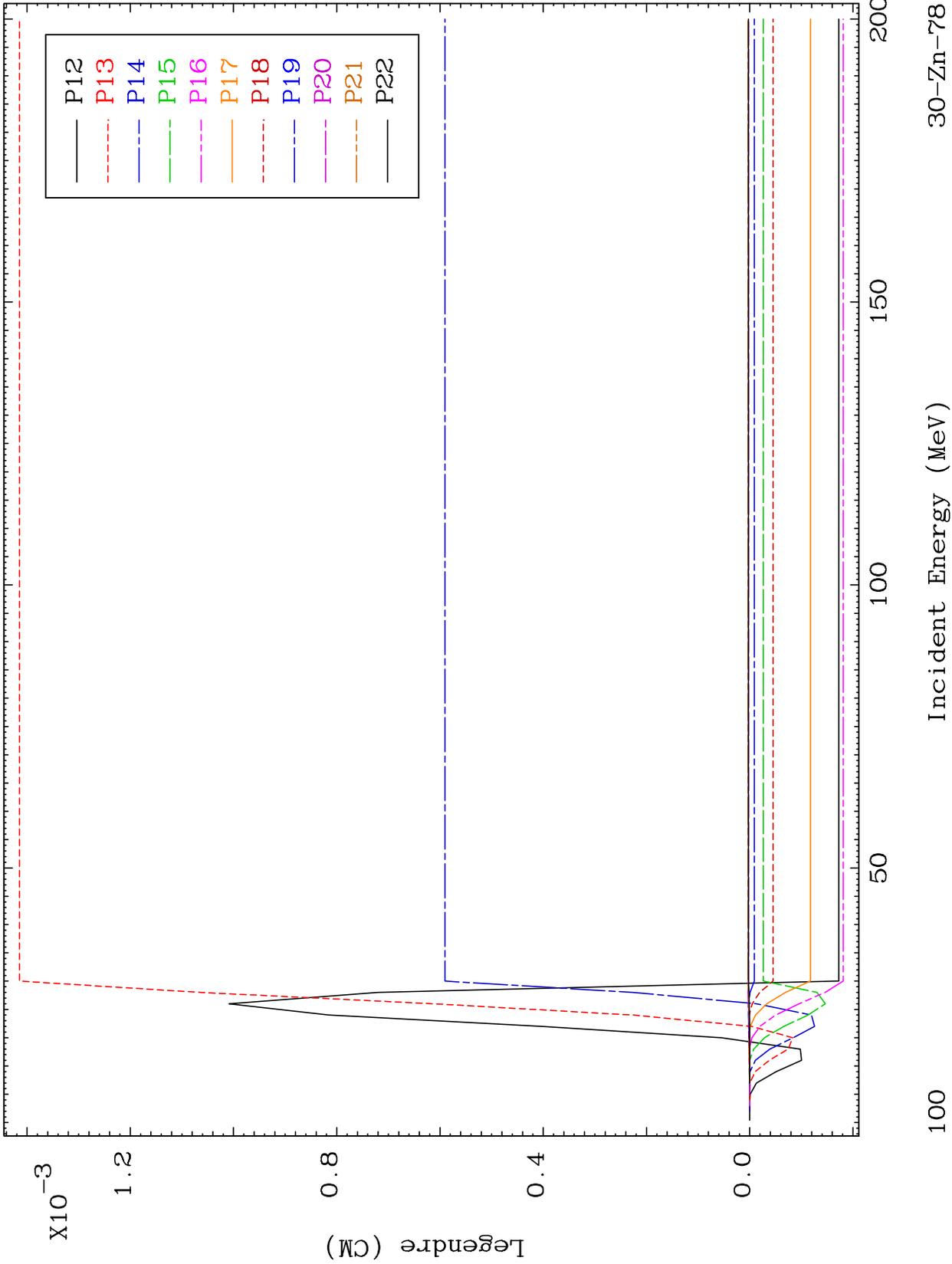


99

Incident Energy (MeV)

30-Zn-78

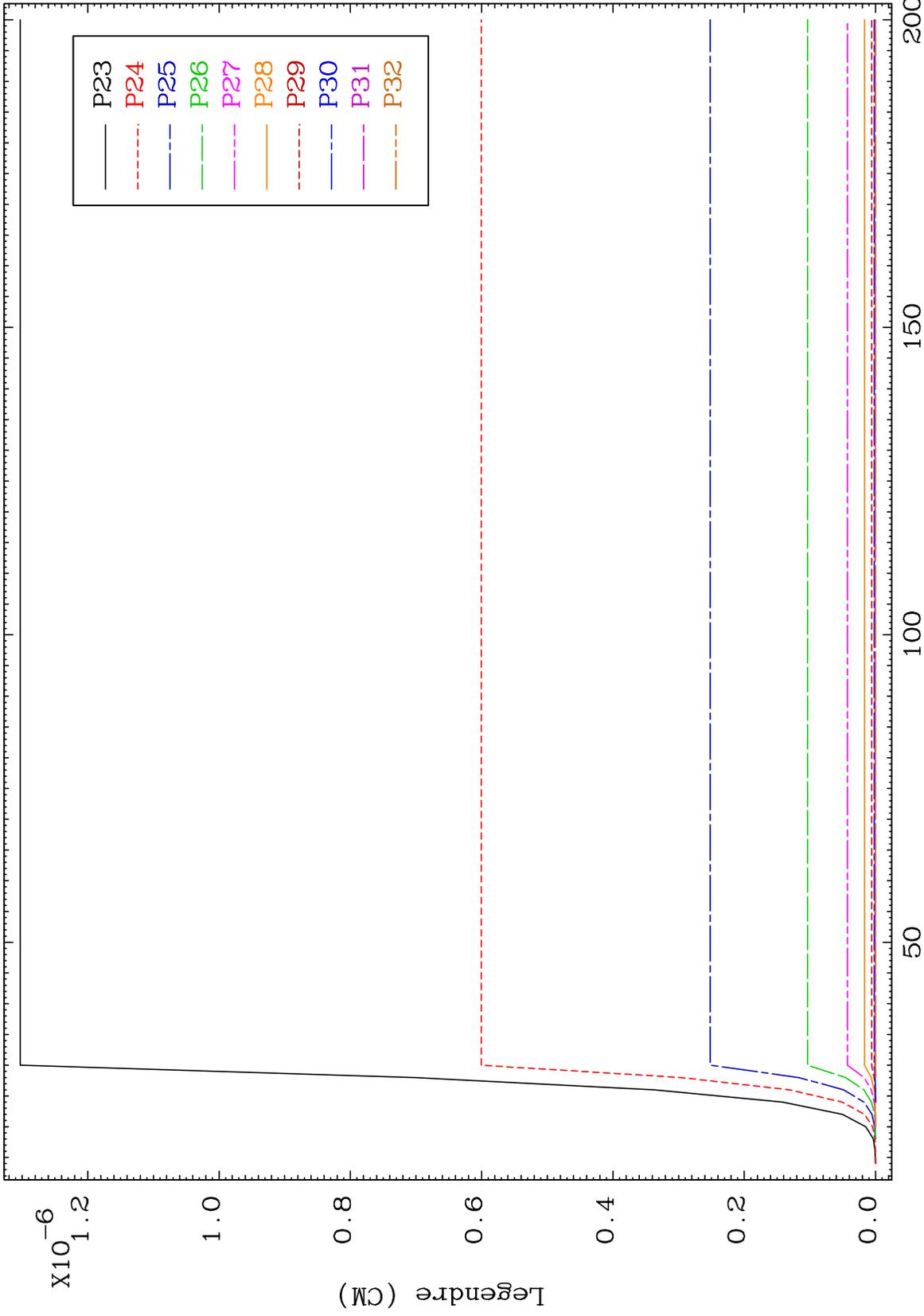
MAT 3067 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



101

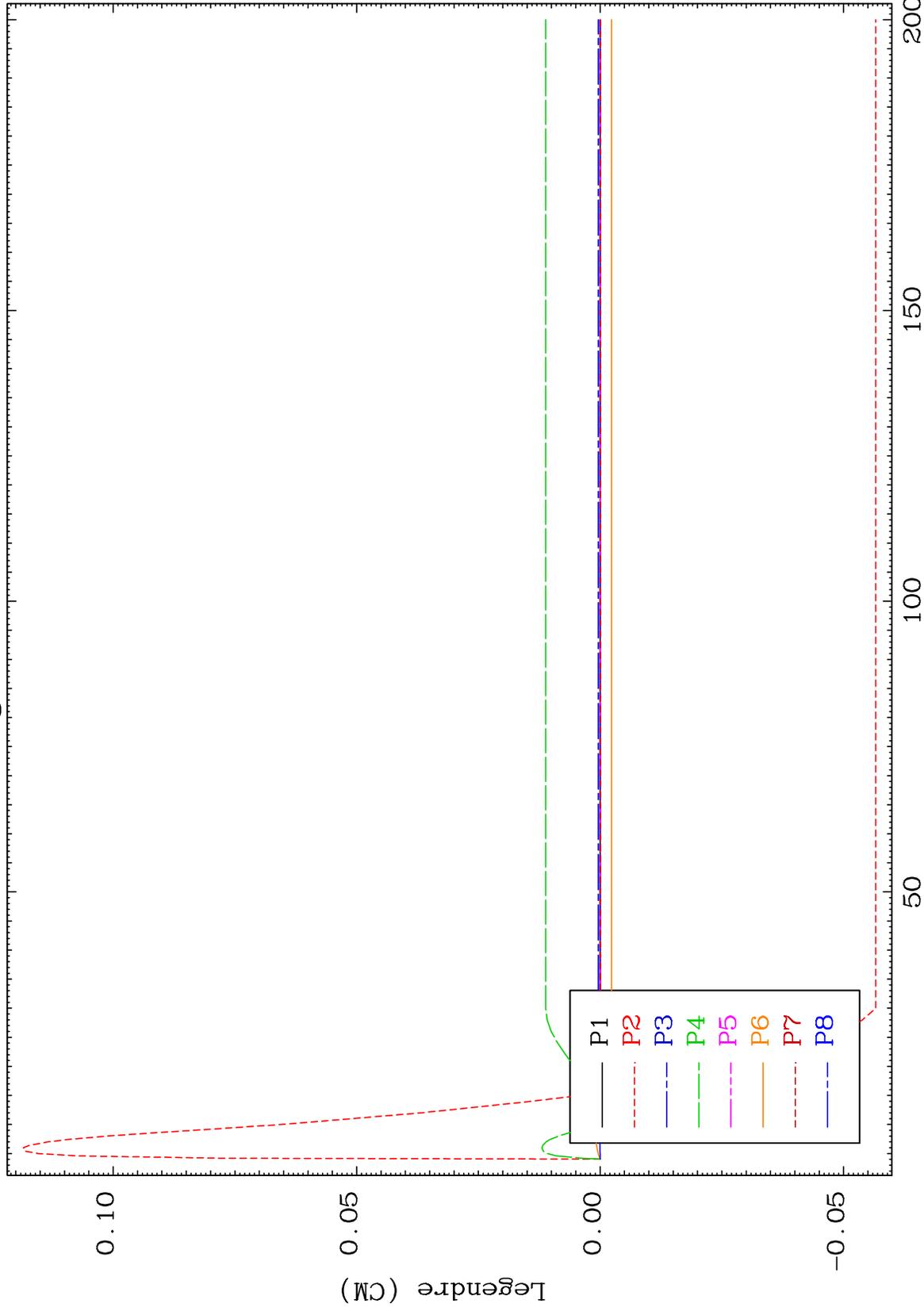
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

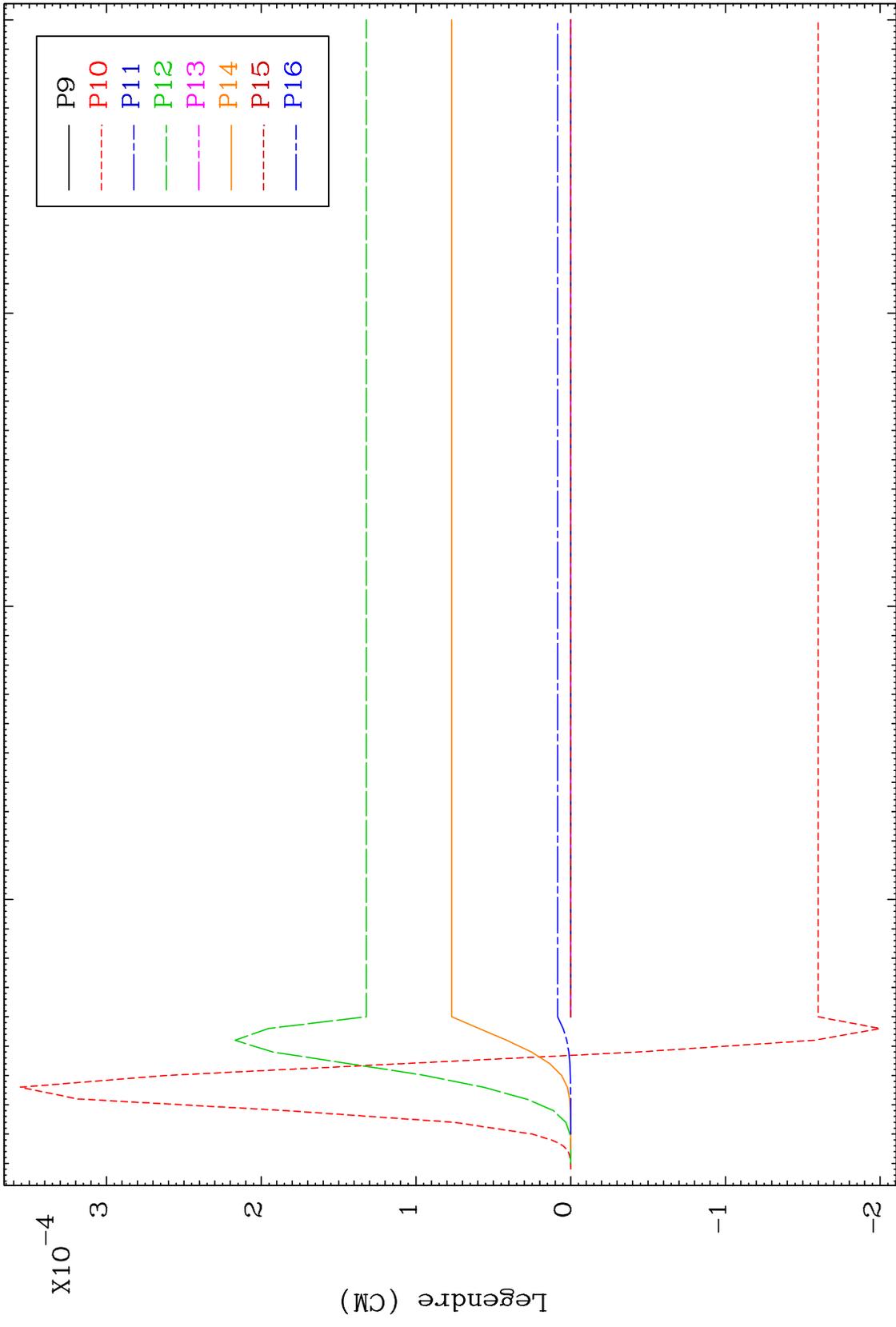


102

Incident Energy (MeV)

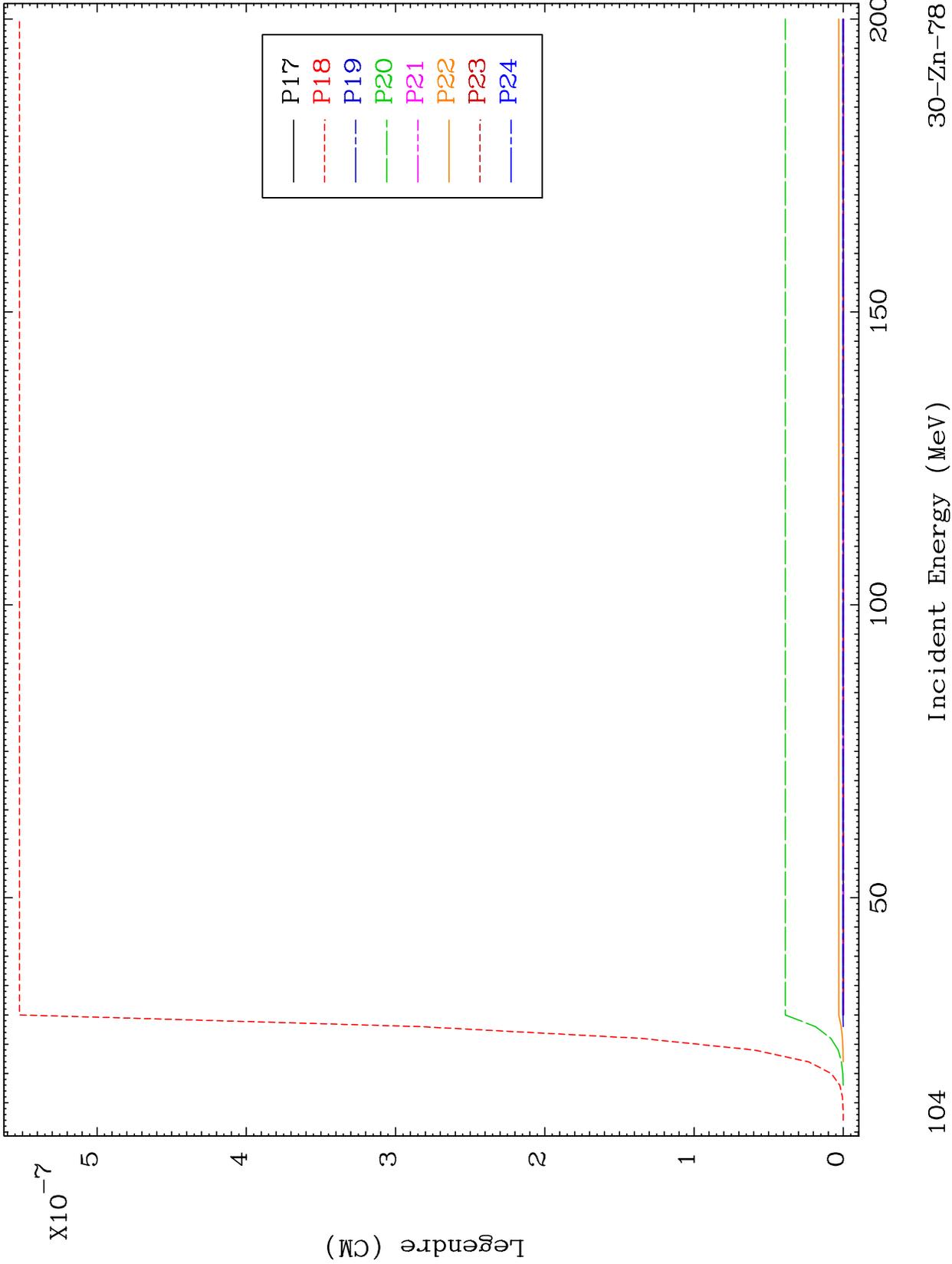
30-Zn-78

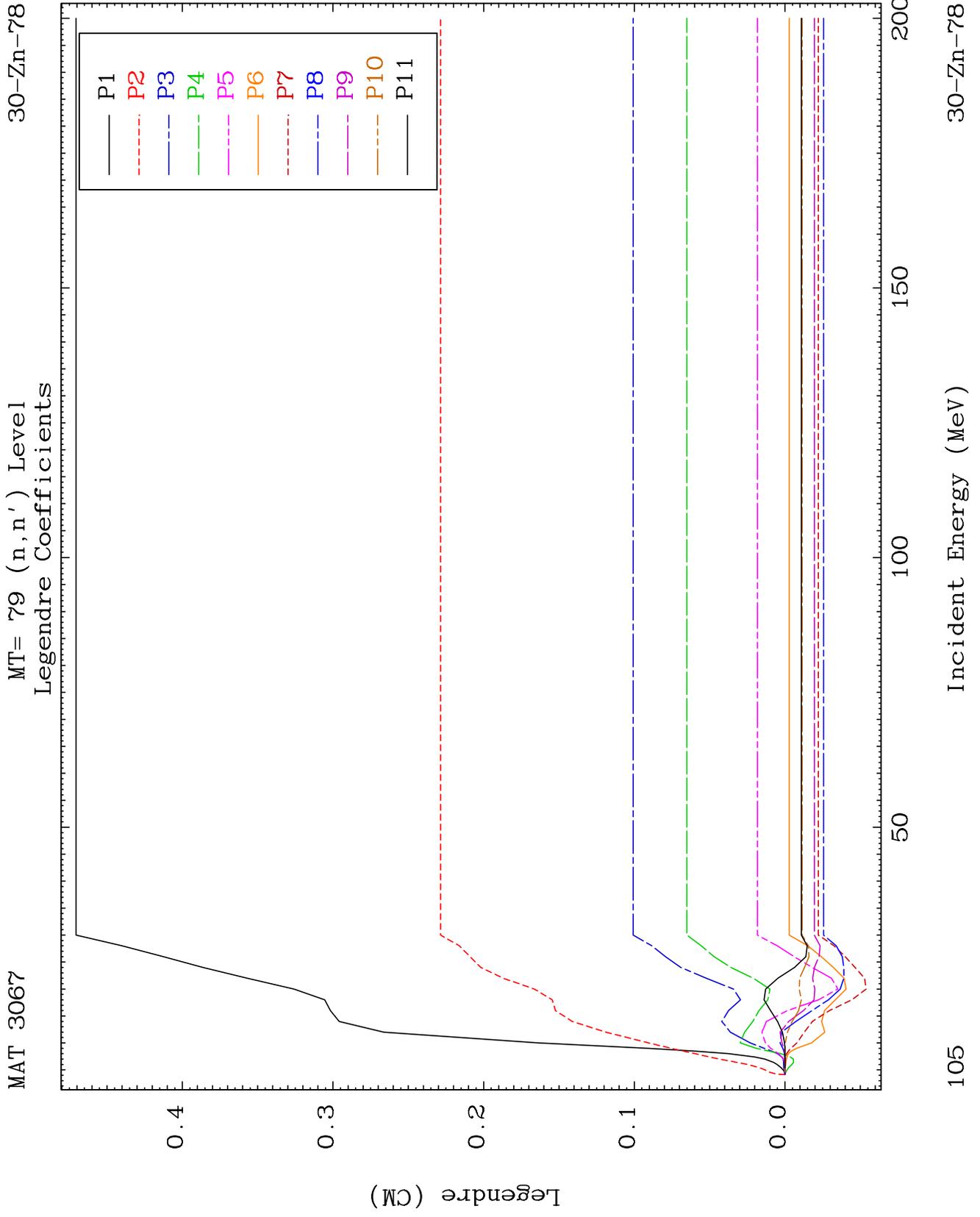
MAT 3067 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-78

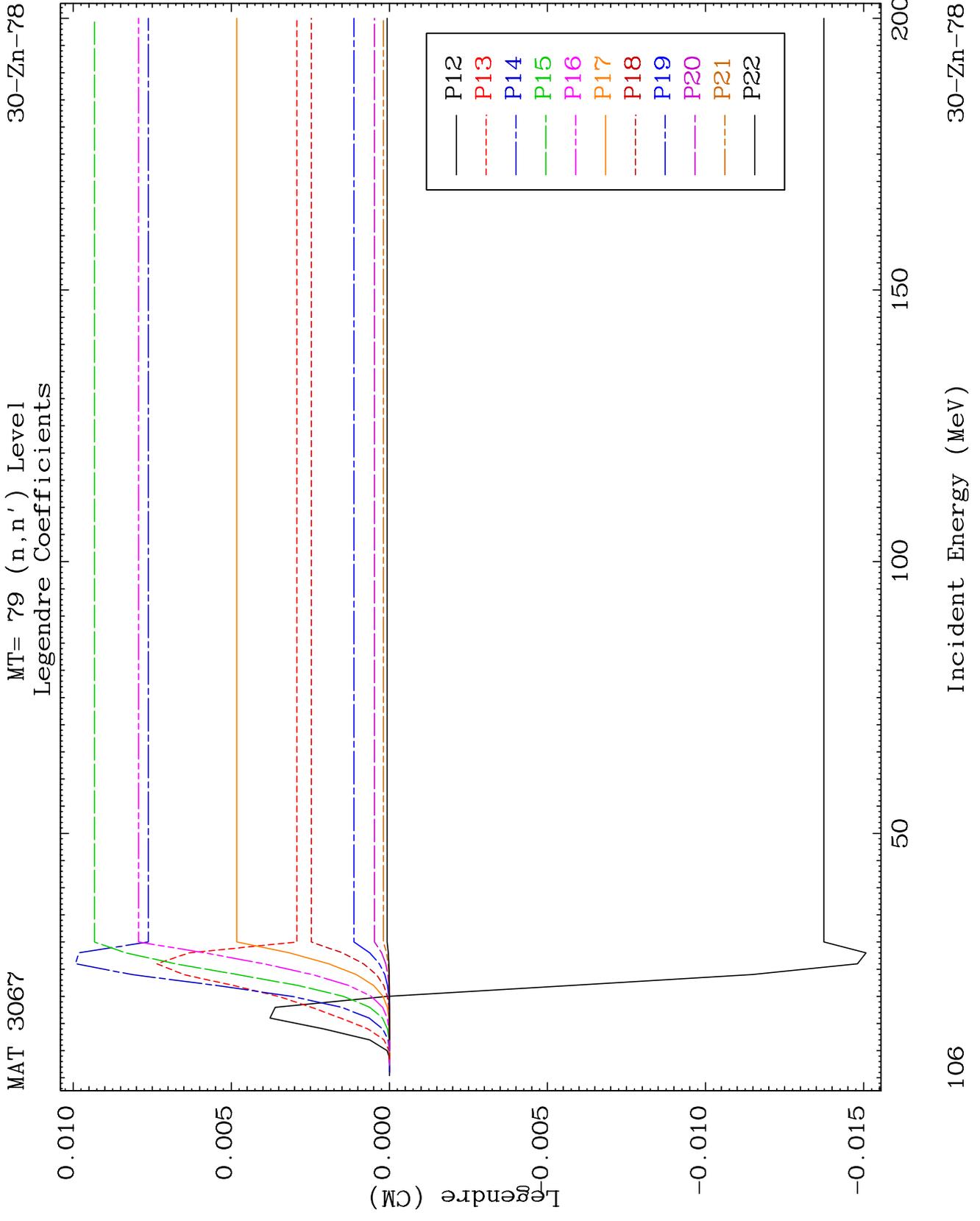


103 Incident Energy (MeV) 30-Zn-78

MAT 3067 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-78



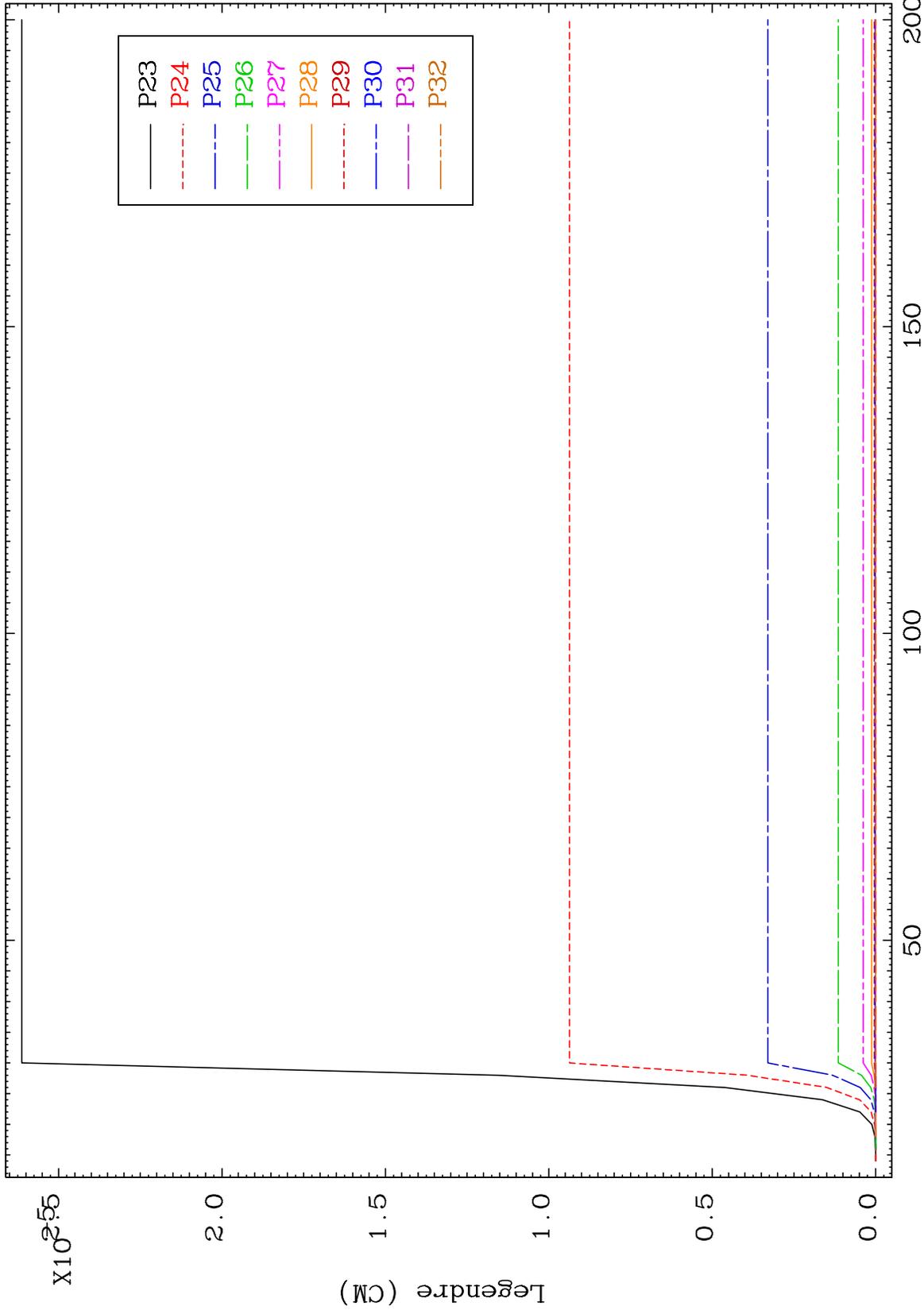




MAT 3067

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

30-Zn-78



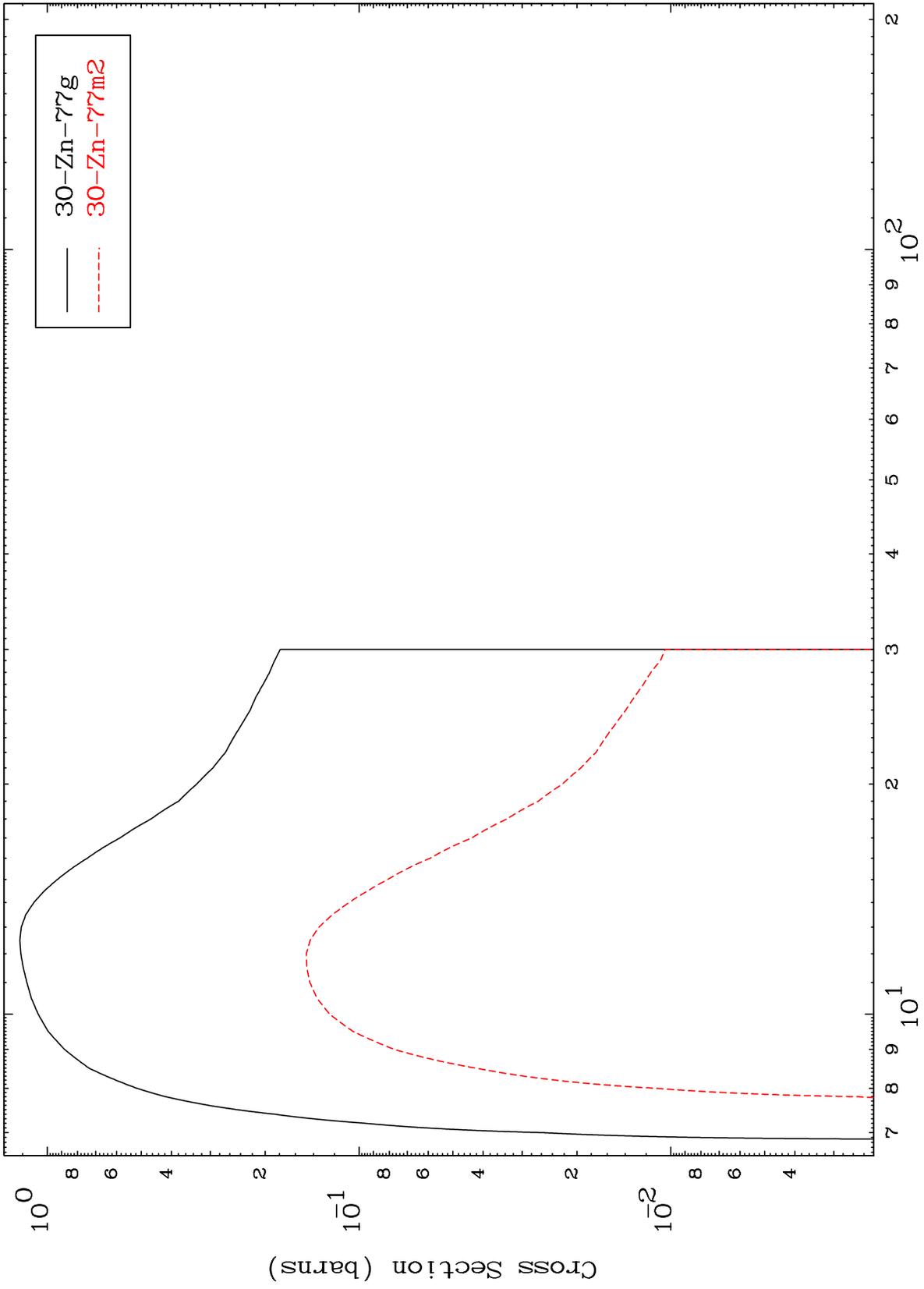
107

30-Zn-78

MAT 3067

30-Zn-78

(n,2n)  
Radionuclide Production Cross Section



108

Incident Energy (MeV)

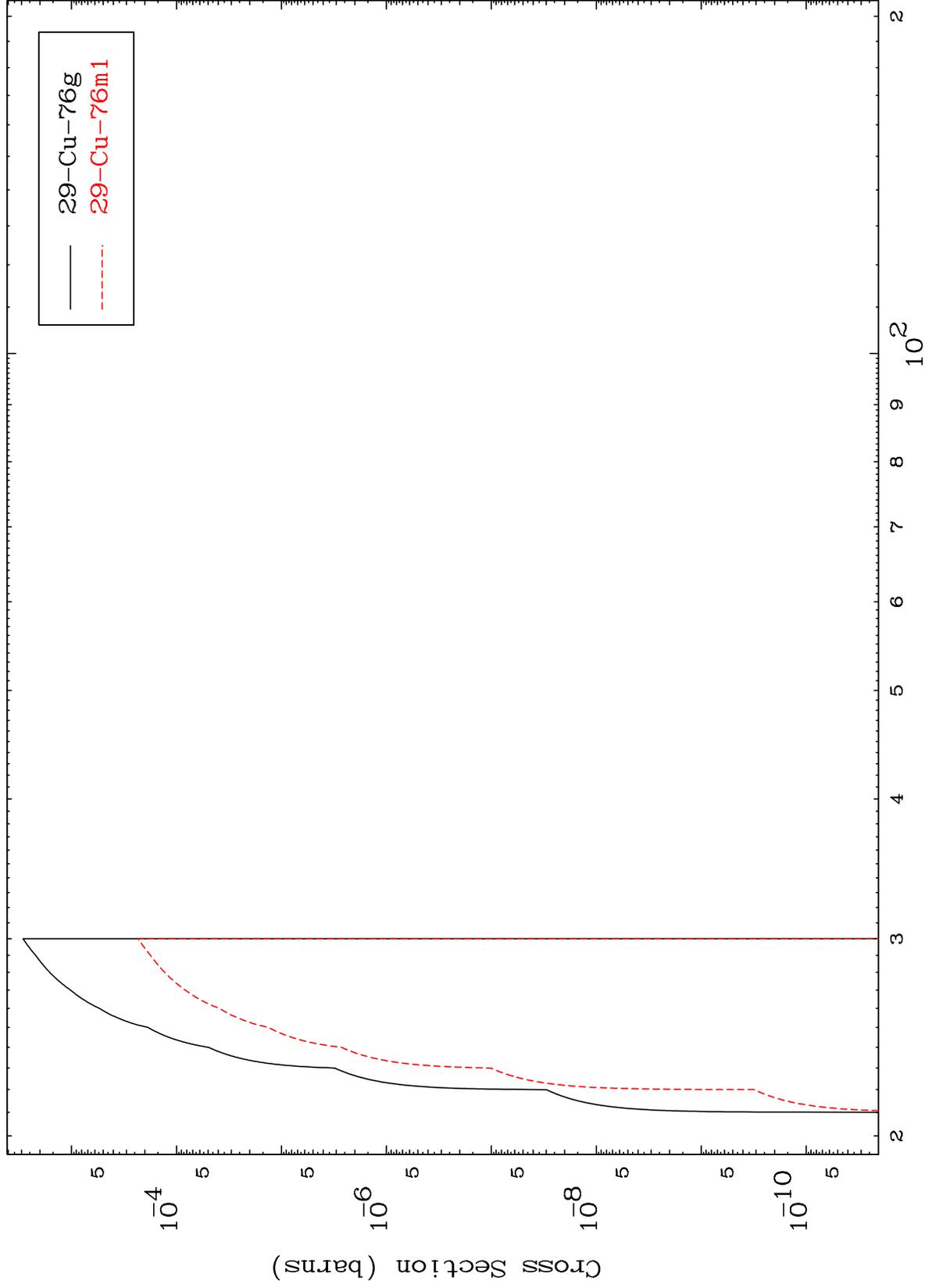
30-Zn-78

MAT 3067

(n,n') d

30-Zn-78

Radionuclide Production Cross Section



109

Incident Energy (MeV)

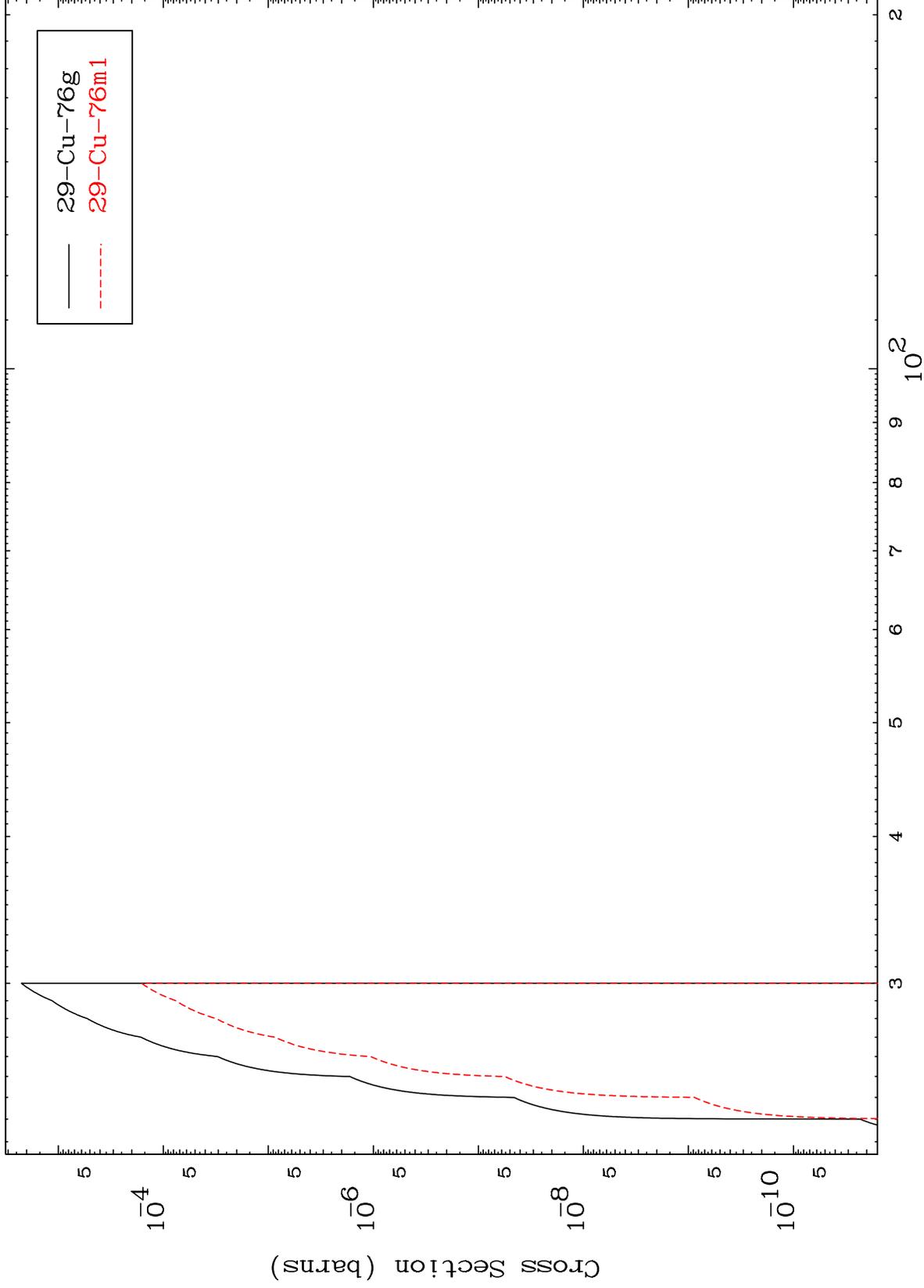
30-Zn-78

MAT 3067

(n,2n) p

30-Zn-78

Radionuclide Production Cross Section



110

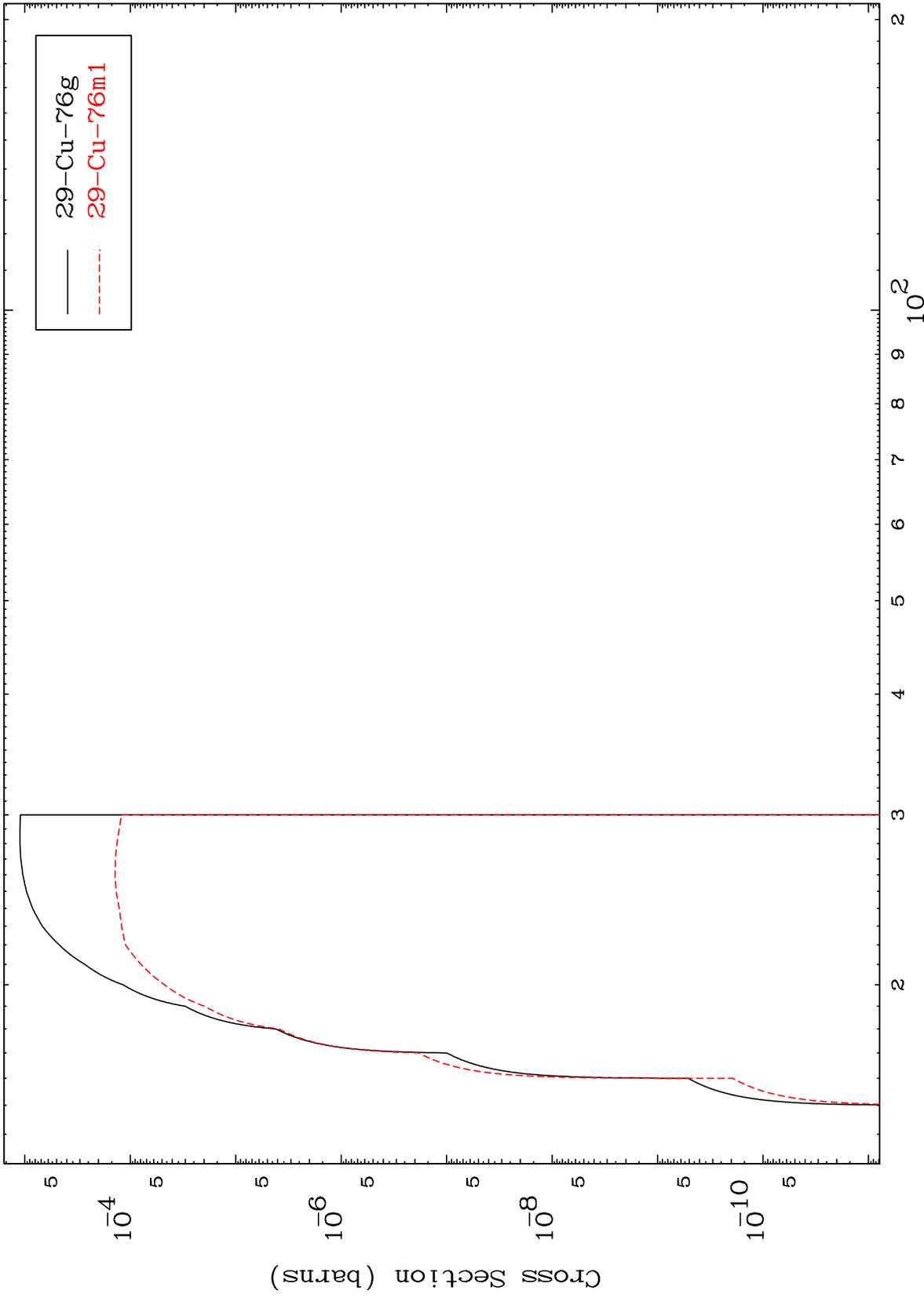
Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

(n, t)  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

30-Zn-78