

Program EVALPLOT  
(Version 2021-1)

by

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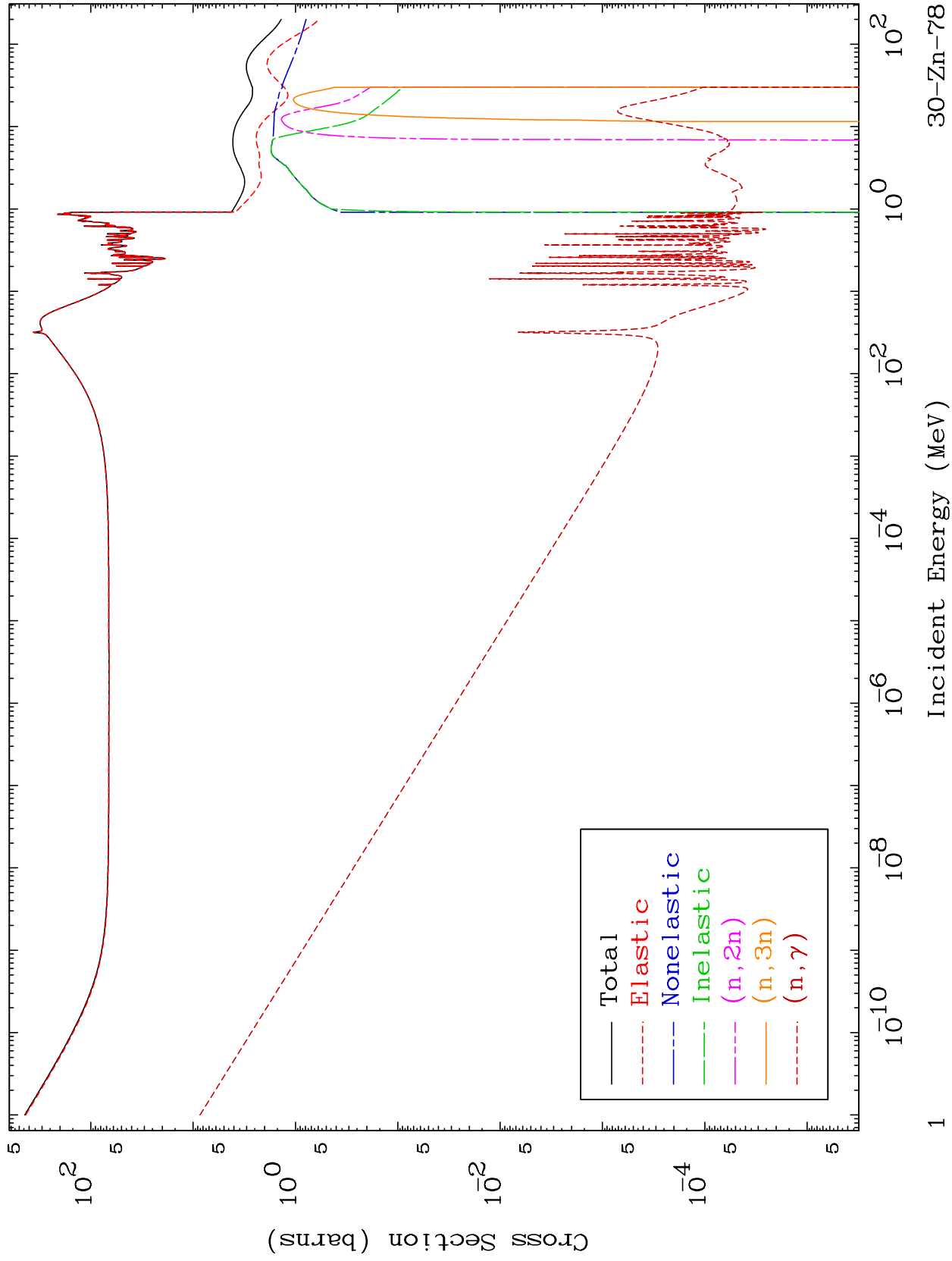
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3067

Neutron Major  
293 Kelvin Cross Sections

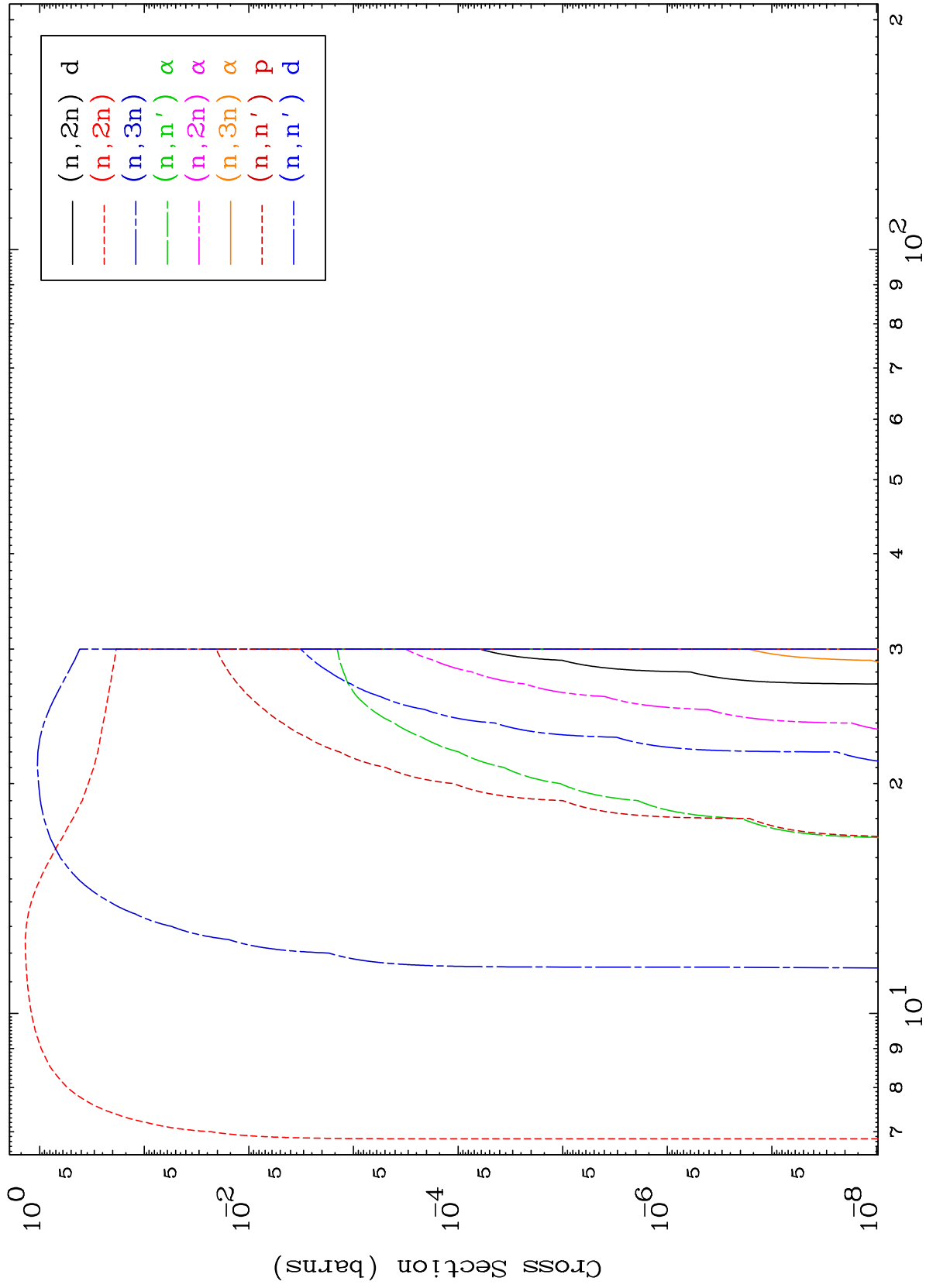
30-Zn-78



MAT 3067

Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-78



2

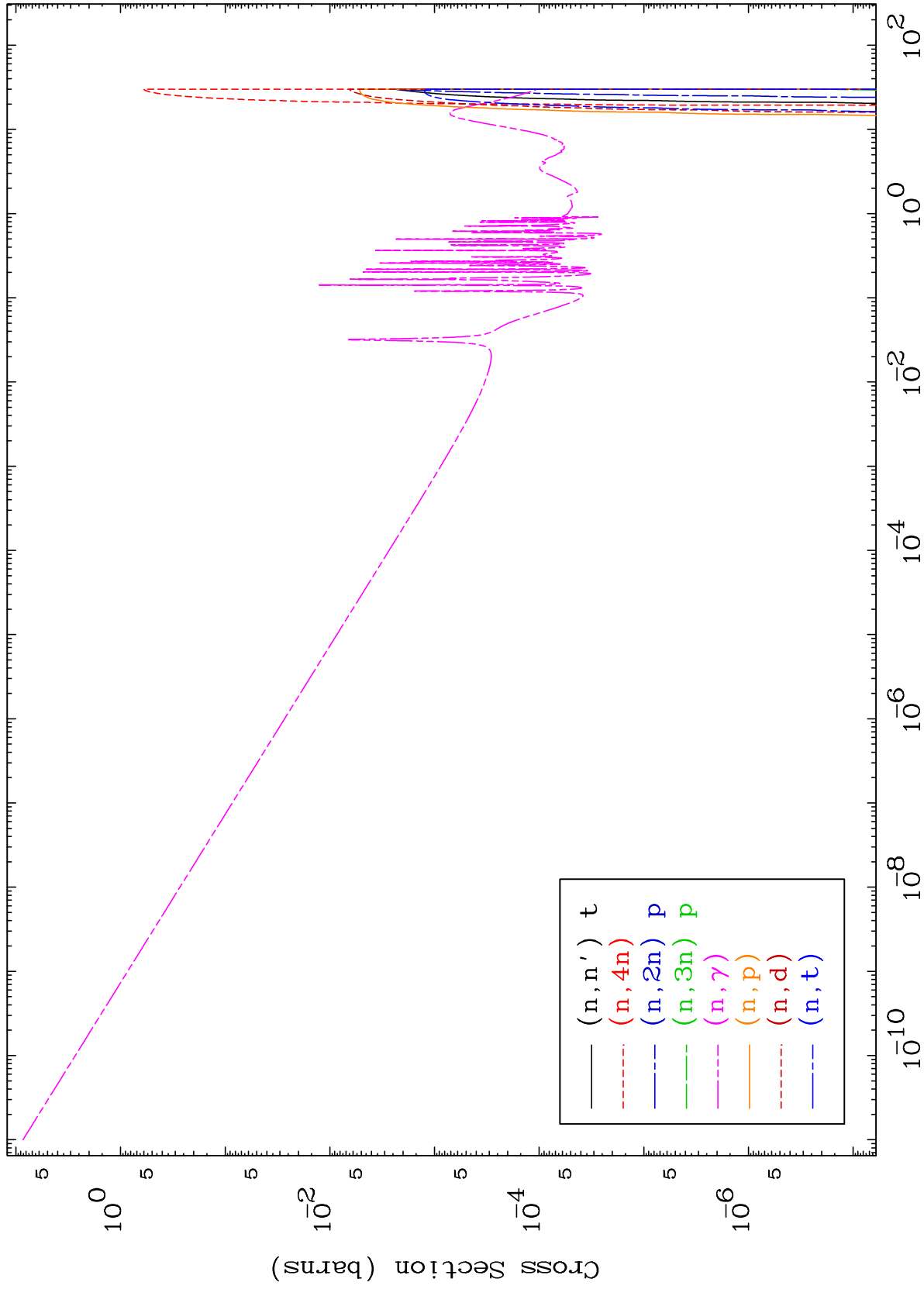
Incident Energy (MeV)

30-Zn-78

MAT 3067

Neutron Absorption  
293 Kelvin Cross Sections

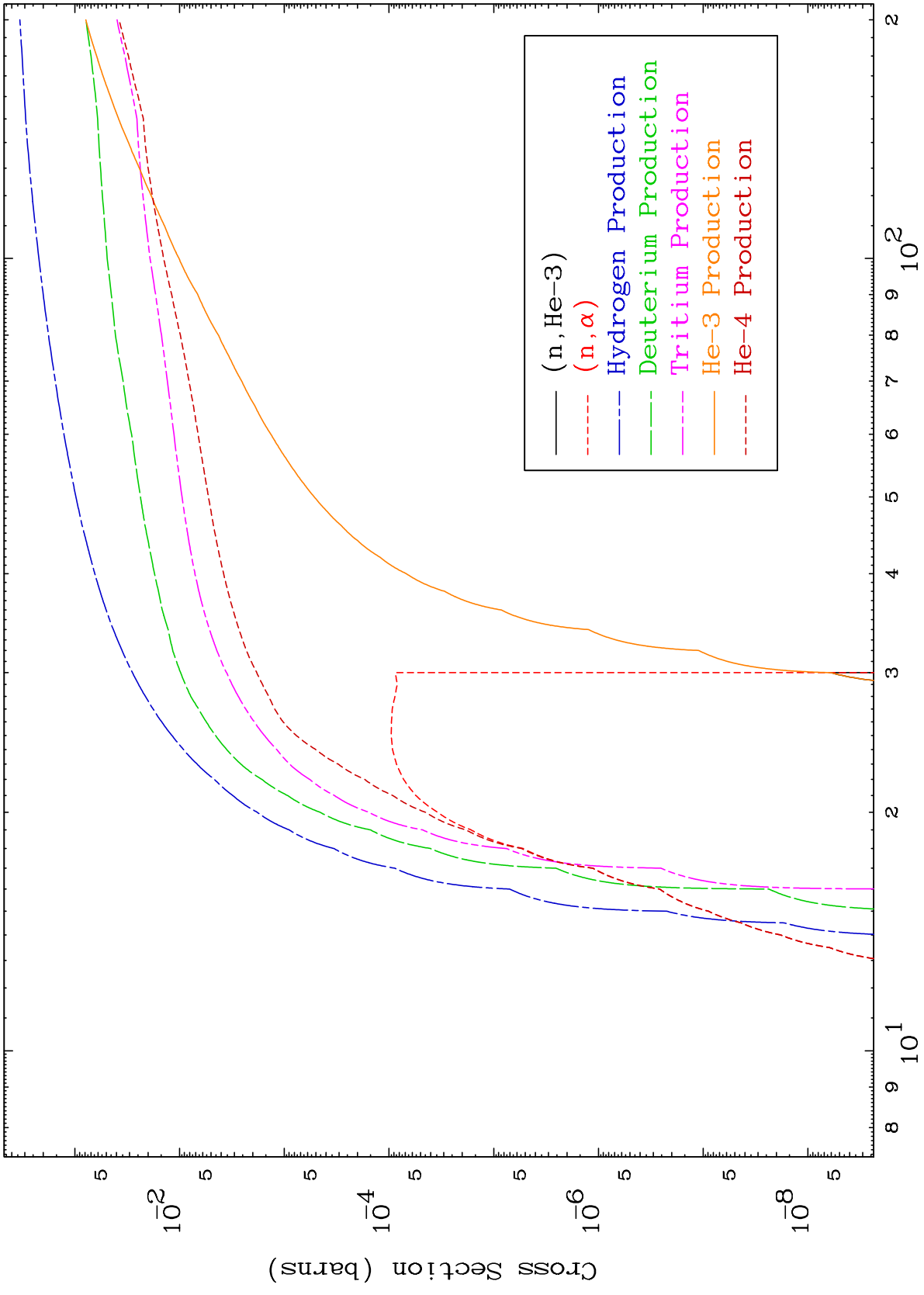
30-Zn-78



MAT 3067

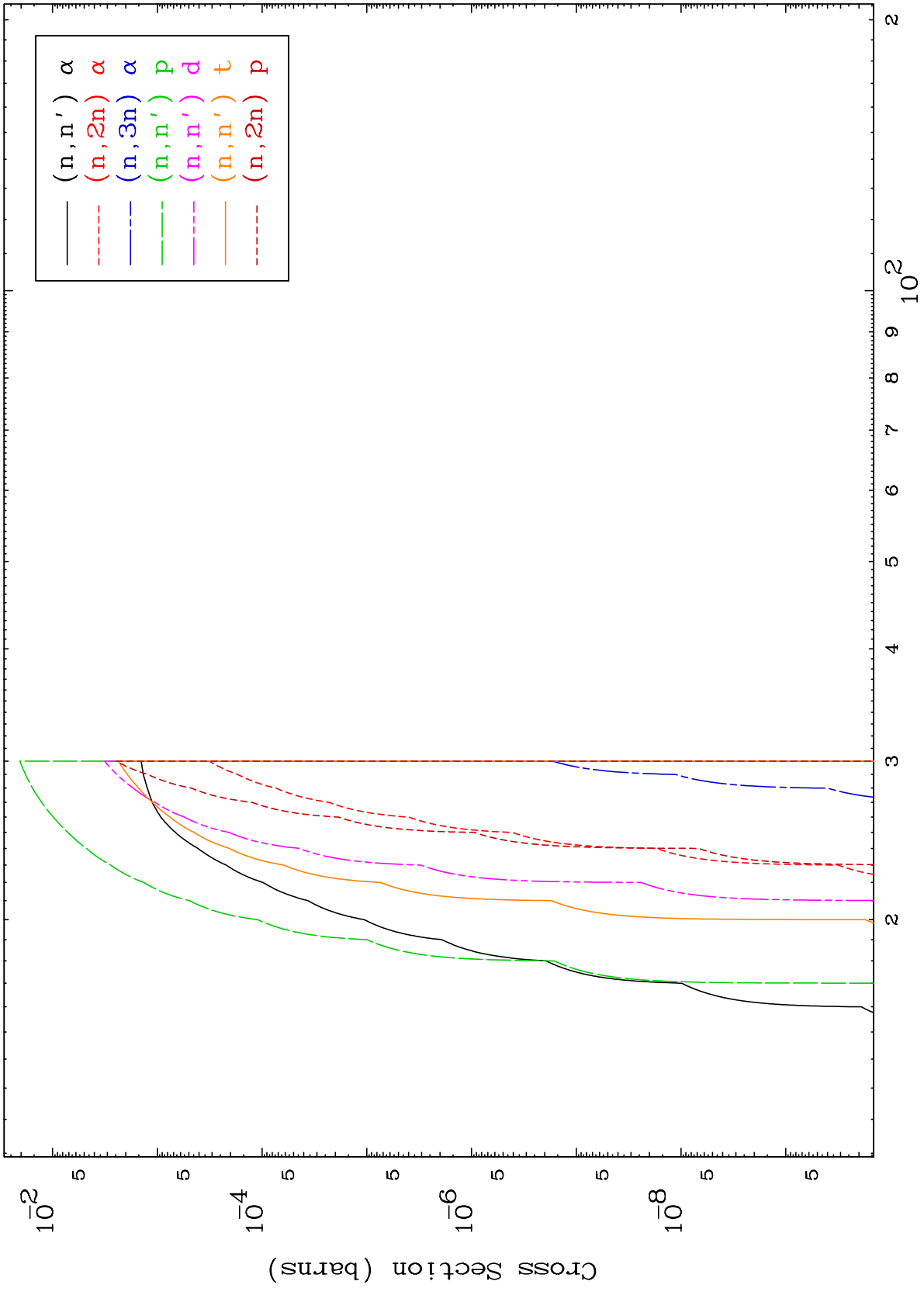
Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-78



4

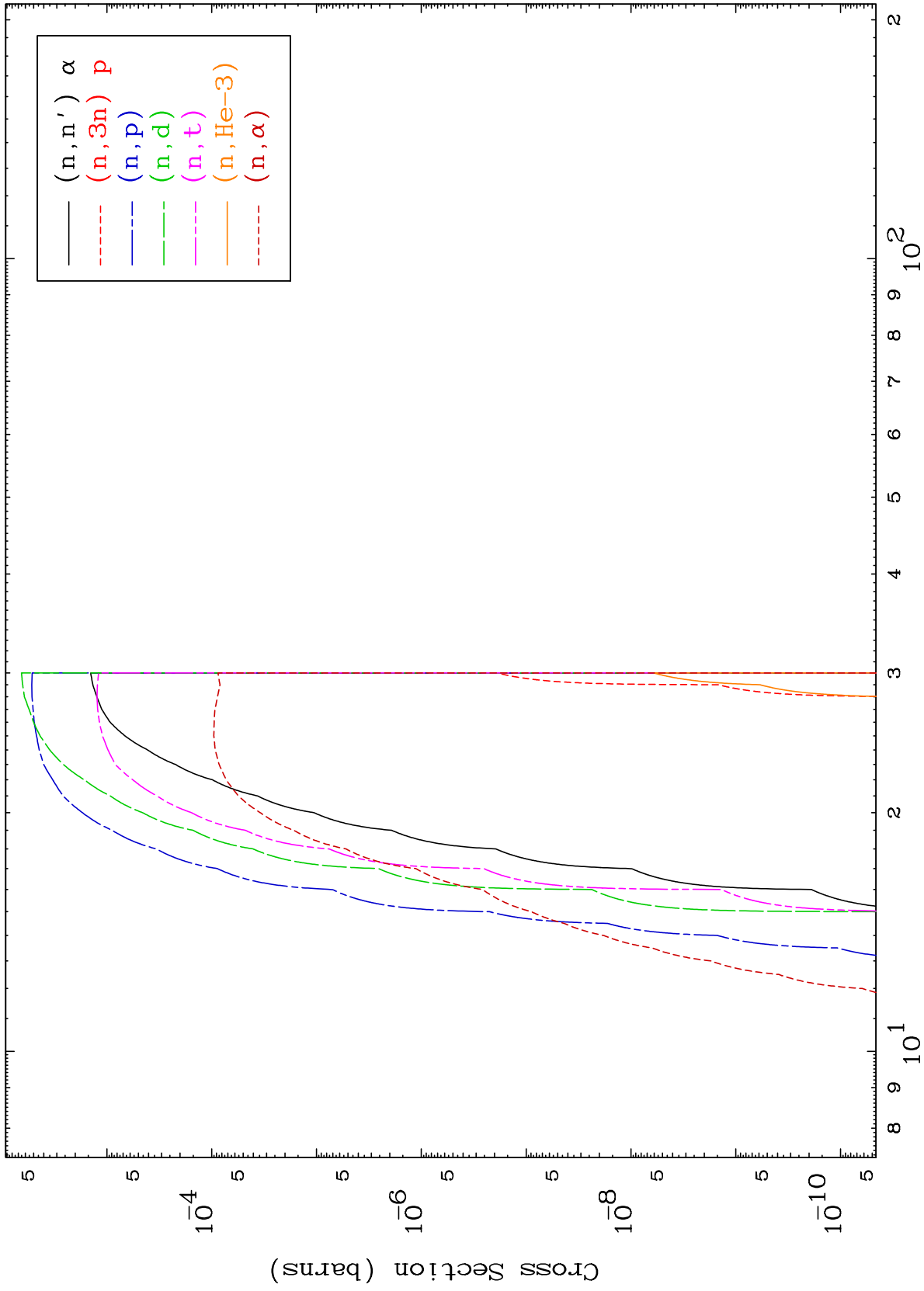
30-Zn-78



MAT 3067

Charged Particle  
293 Kelvin Cross Sections

30-Zn-78



6

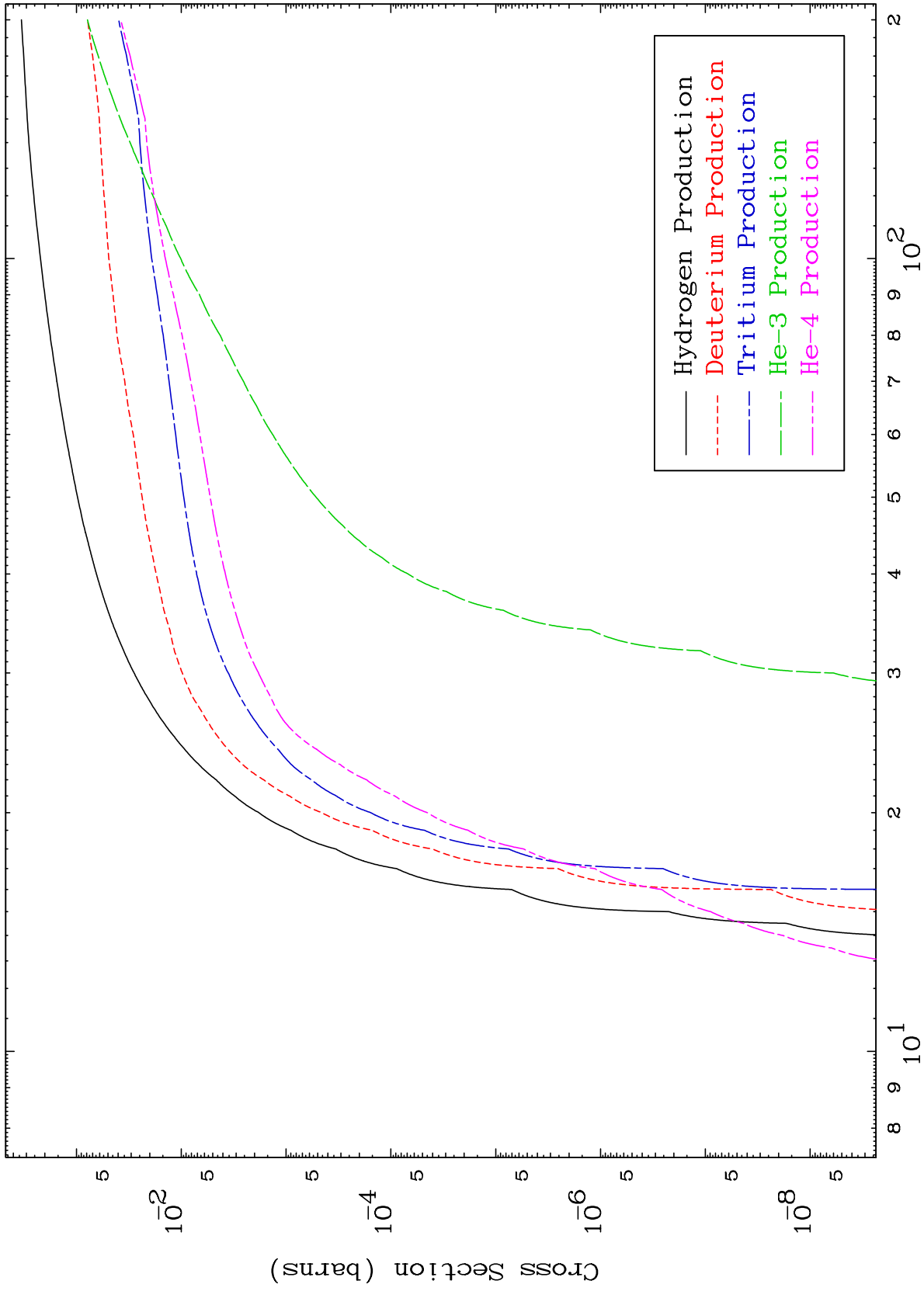
Incident Energy (MeV)

30-Zn-78

MAT 3067

Particle Production  
293 Kelvin Cross Sections

30-Zn-78



7

Incident Energy (MeV)

30-Zn-78

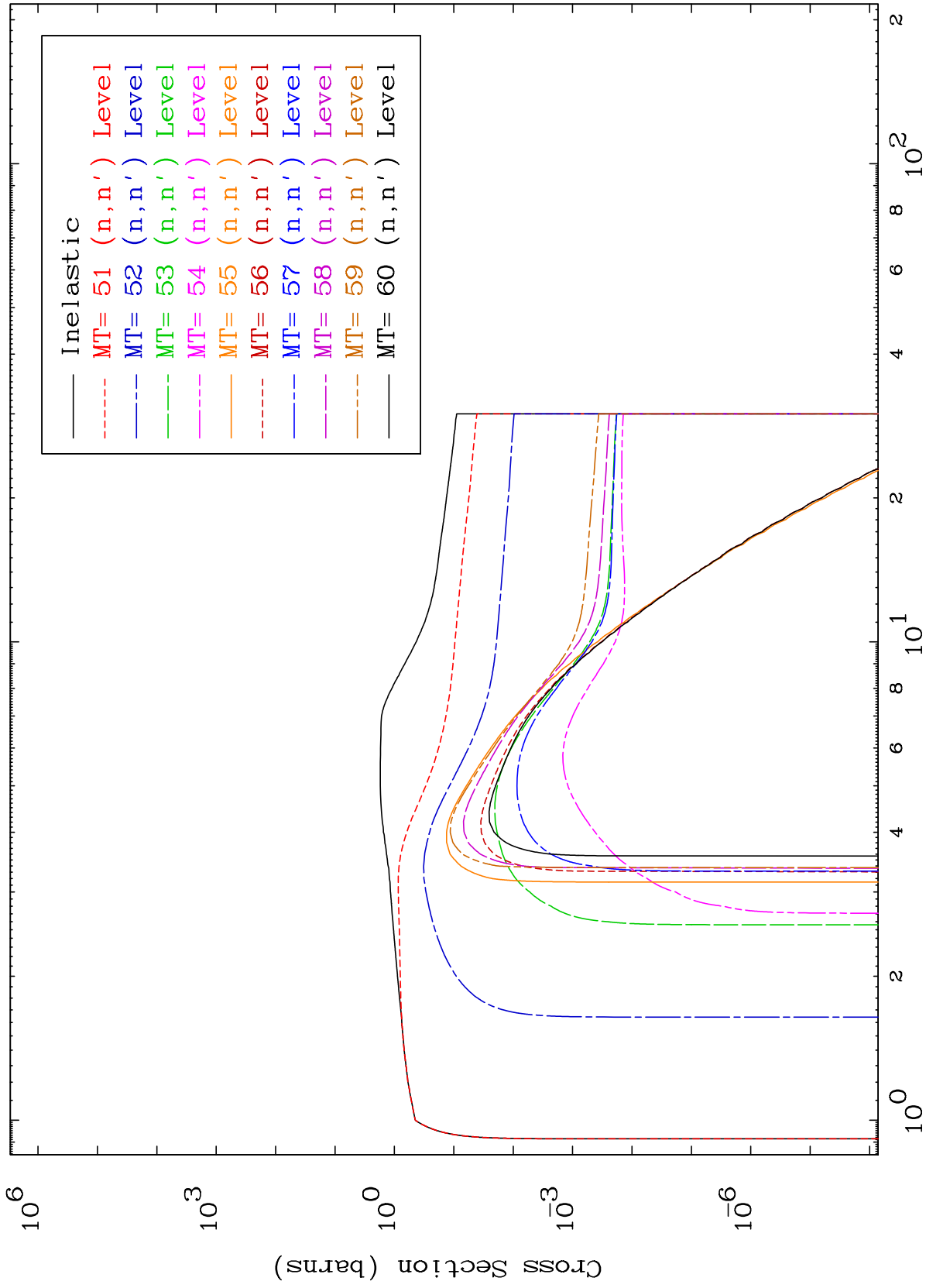


MAT 3067

(n,n') Levels

30-Zn-78

293 Kelvin Cross Sections



Incident Energy (MeV)

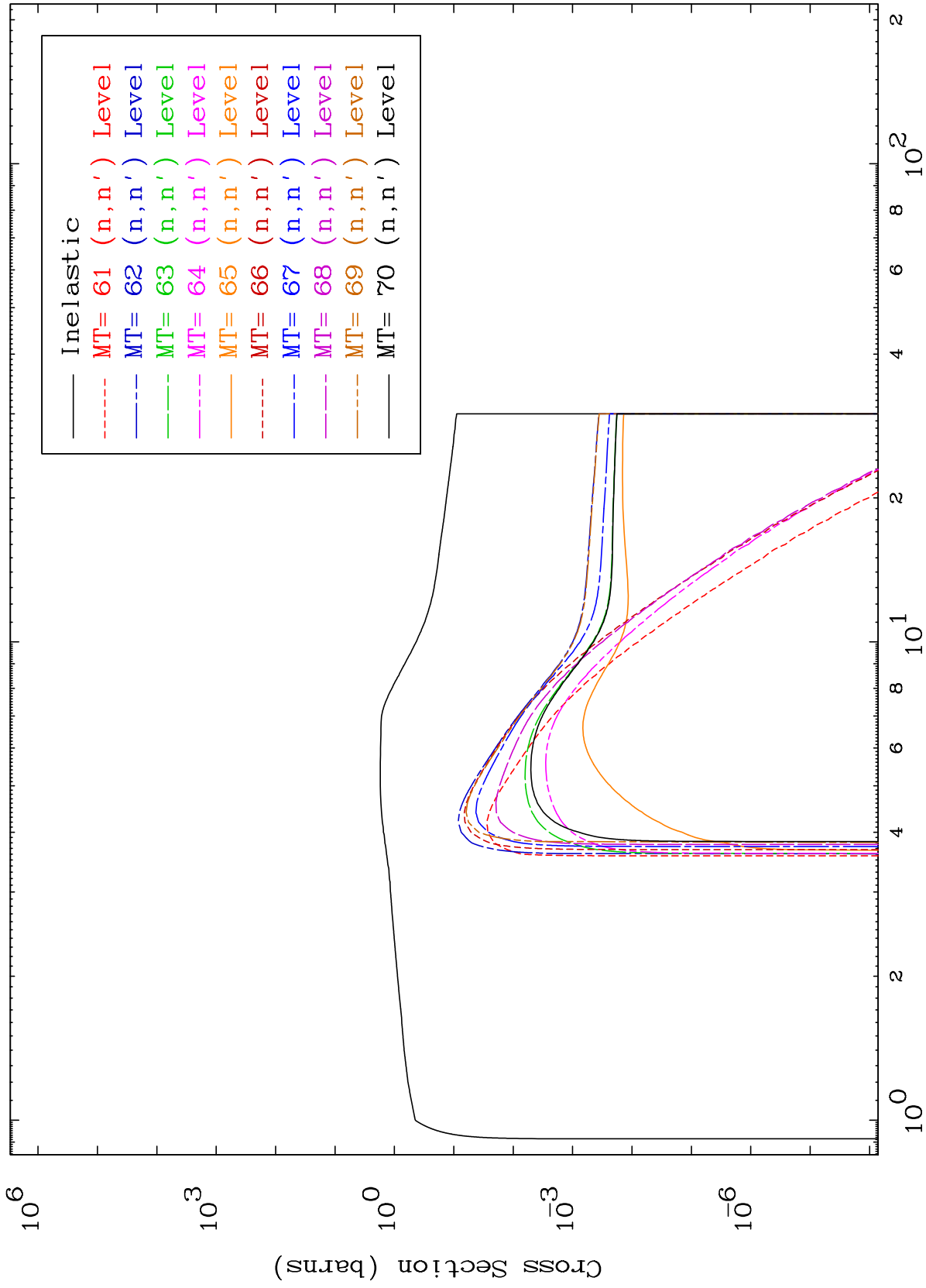
30-Zn-78

MAT 3067

(n,n') Levels

30-Zn-78

293 Kelvin Cross Sections



Incident Energy (MeV)

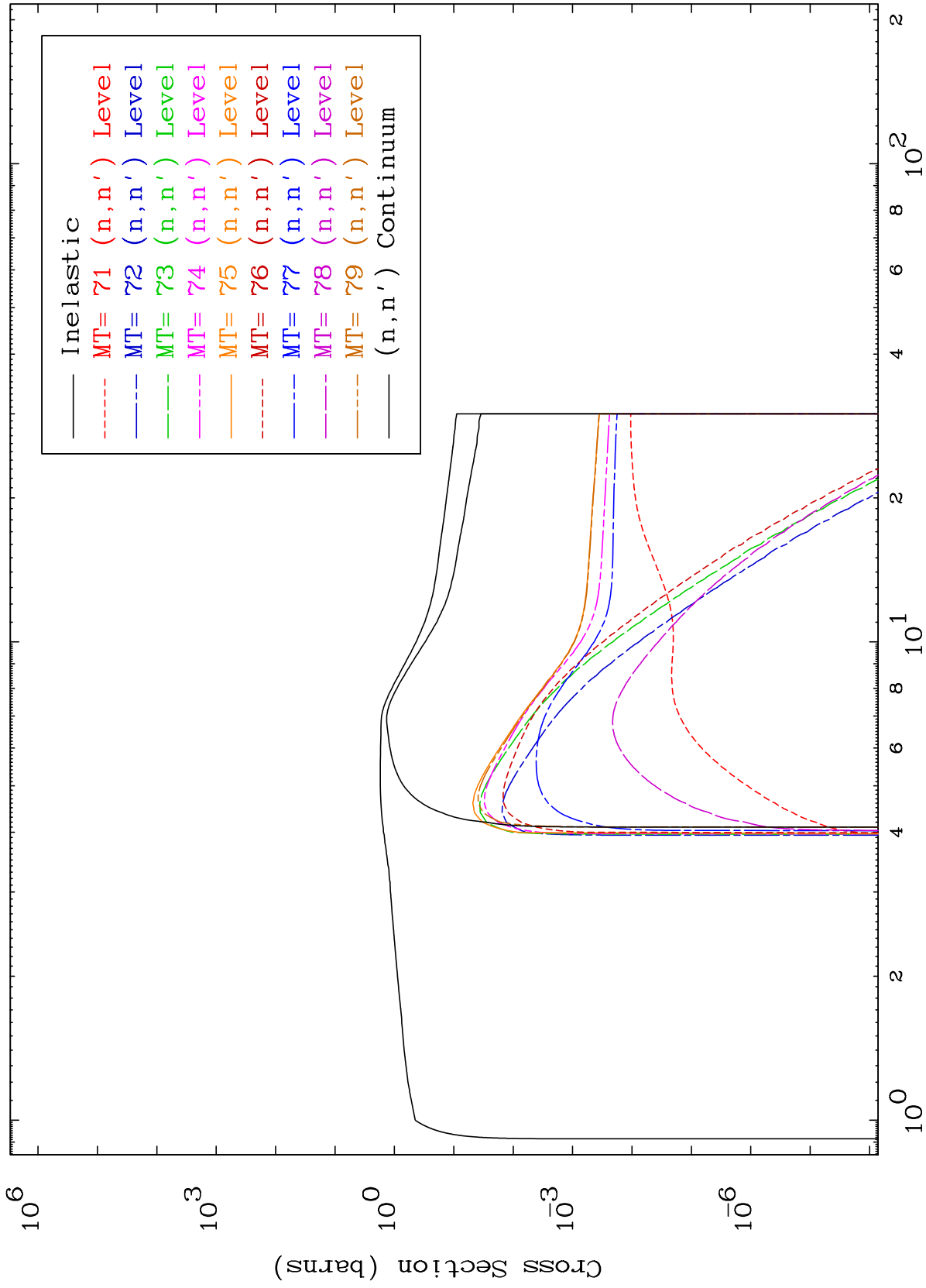
30-Zn-78

MAT 3067

(n,n') Levels

30-Zn-78

293 Kelvin Cross Sections



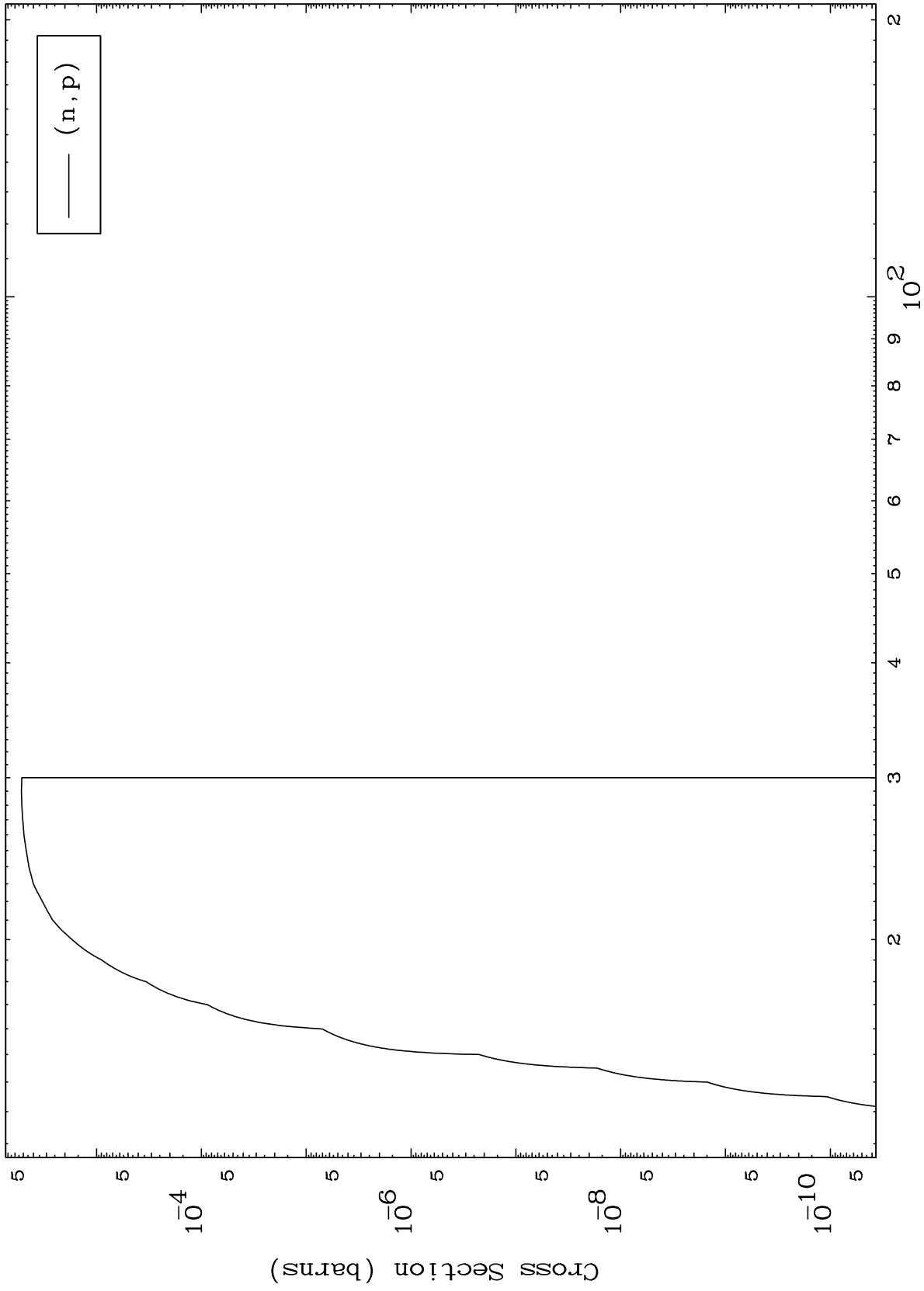
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-78



11

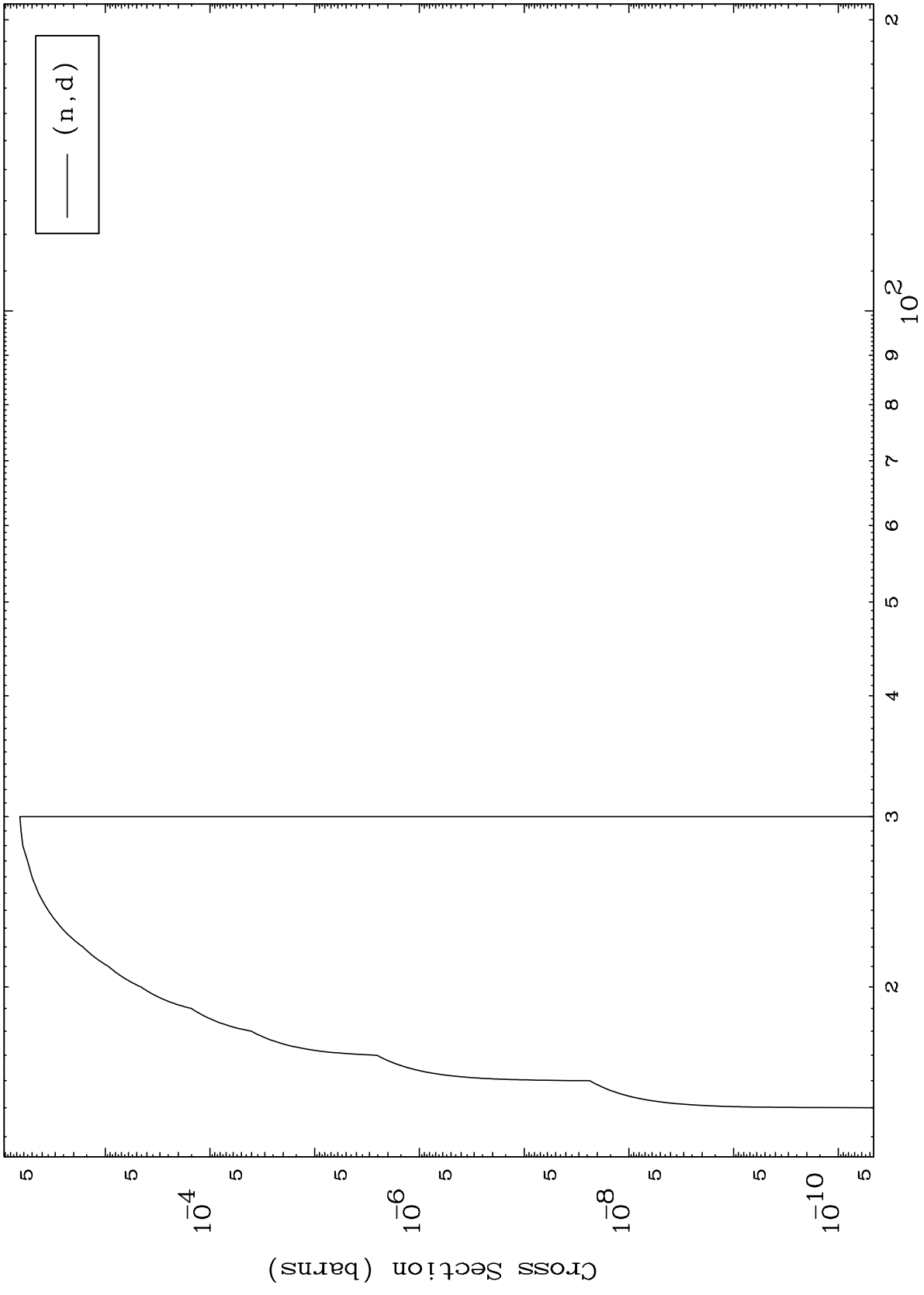
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-78



12

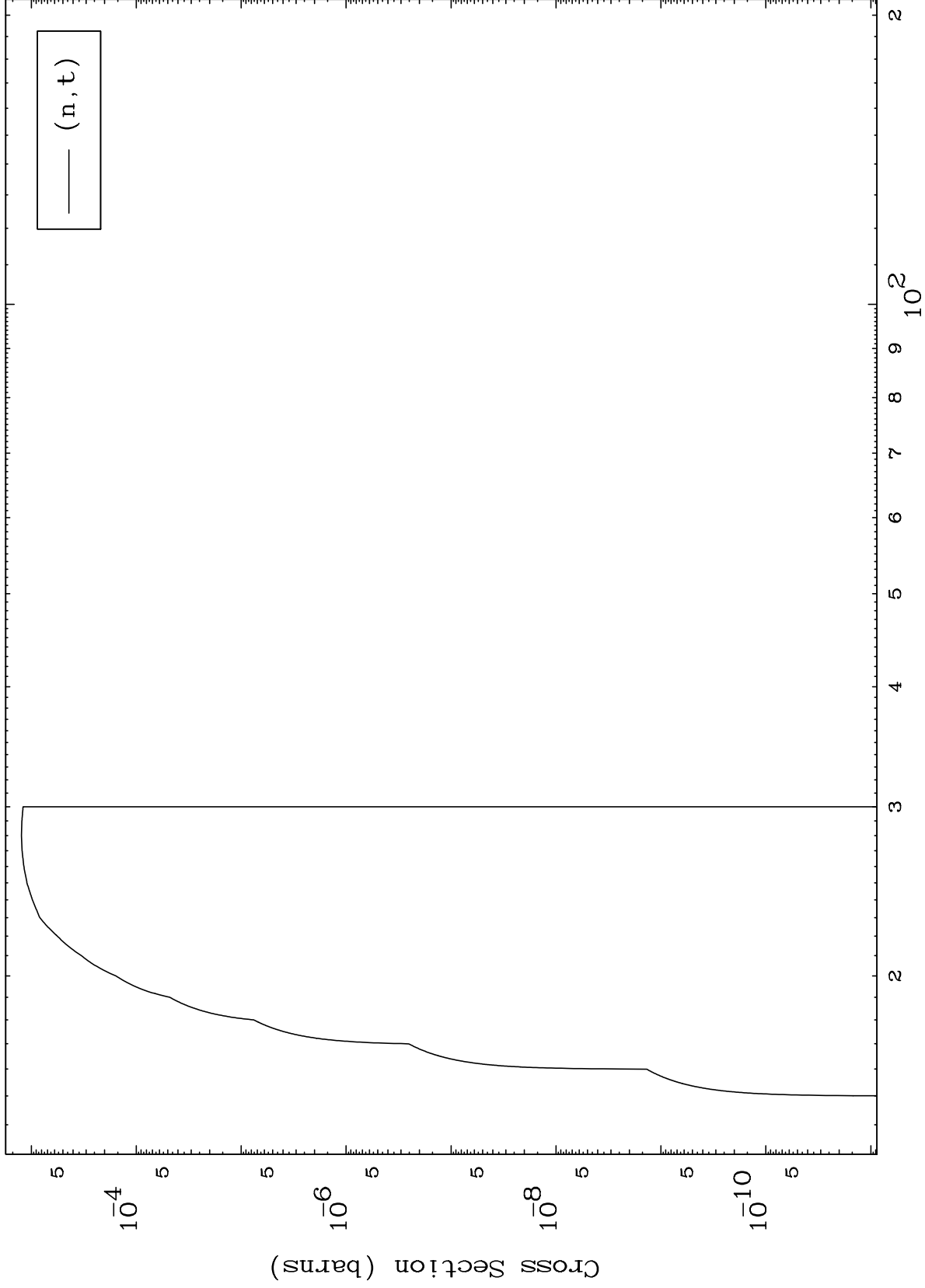
Incident Energy (MeV)

30-Zn-78

MAT 3067

(n,t) Levels  
293 Kelvin Cross Sections

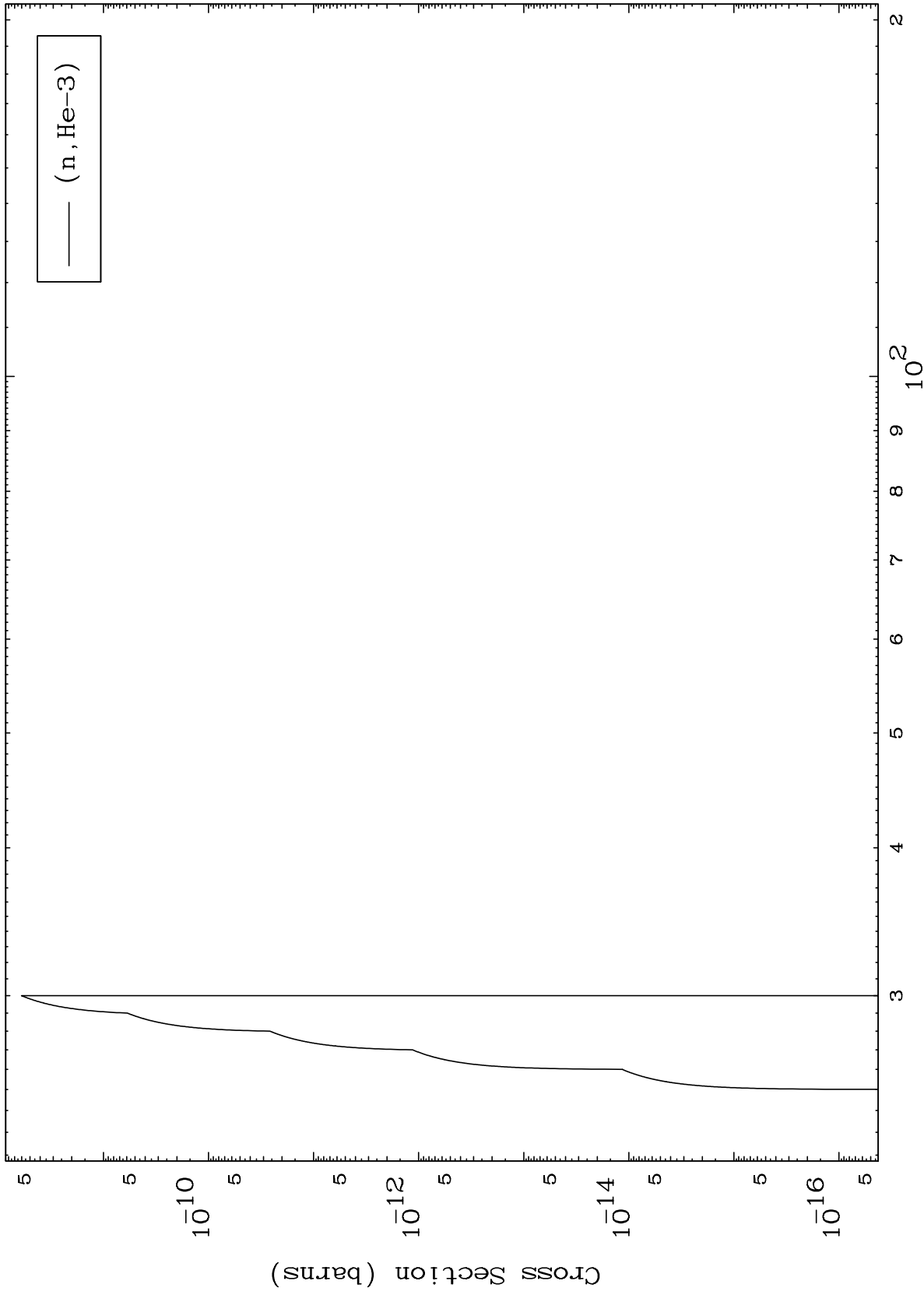
30-Zn-78



13

Incident Energy (MeV)

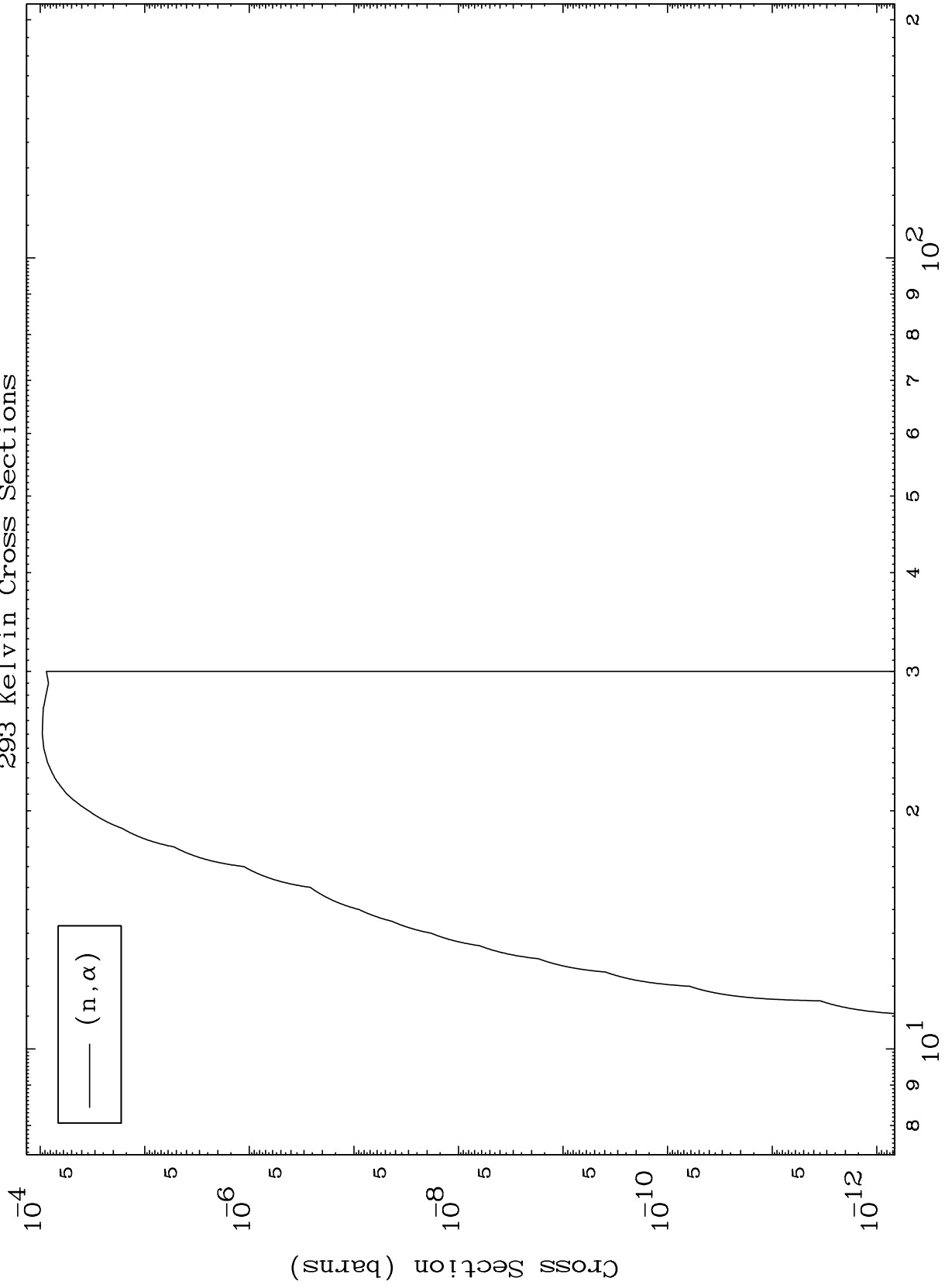
30-Zn-78



MAT 3067

(n,α) Levels  
293 Kelvin Cross Sections

30-Zn-78



15

Incident Energy (MeV)

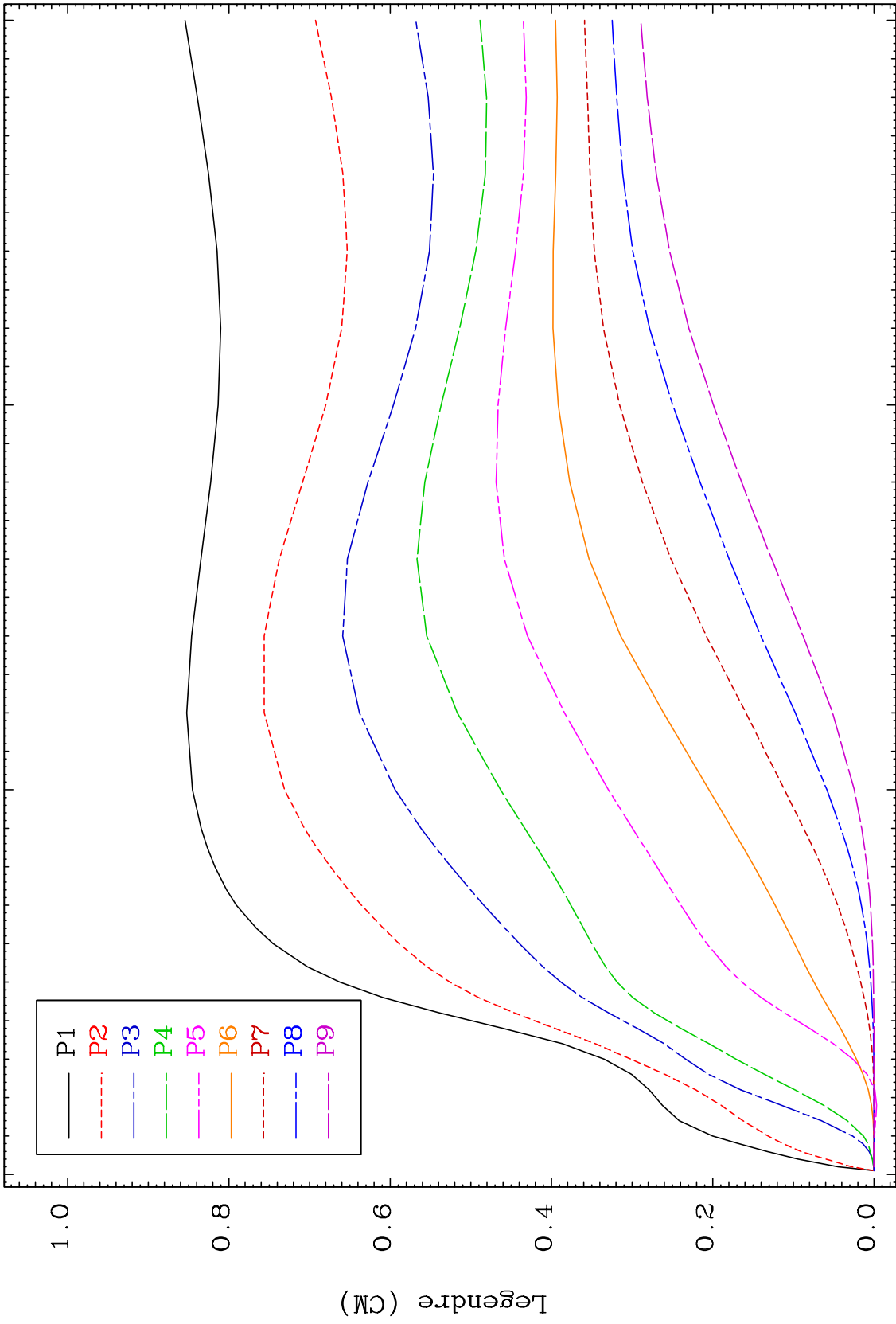
30-Zn-78



MAT 3067

Elastic Legendre Coefficients

30-Zn-78



16

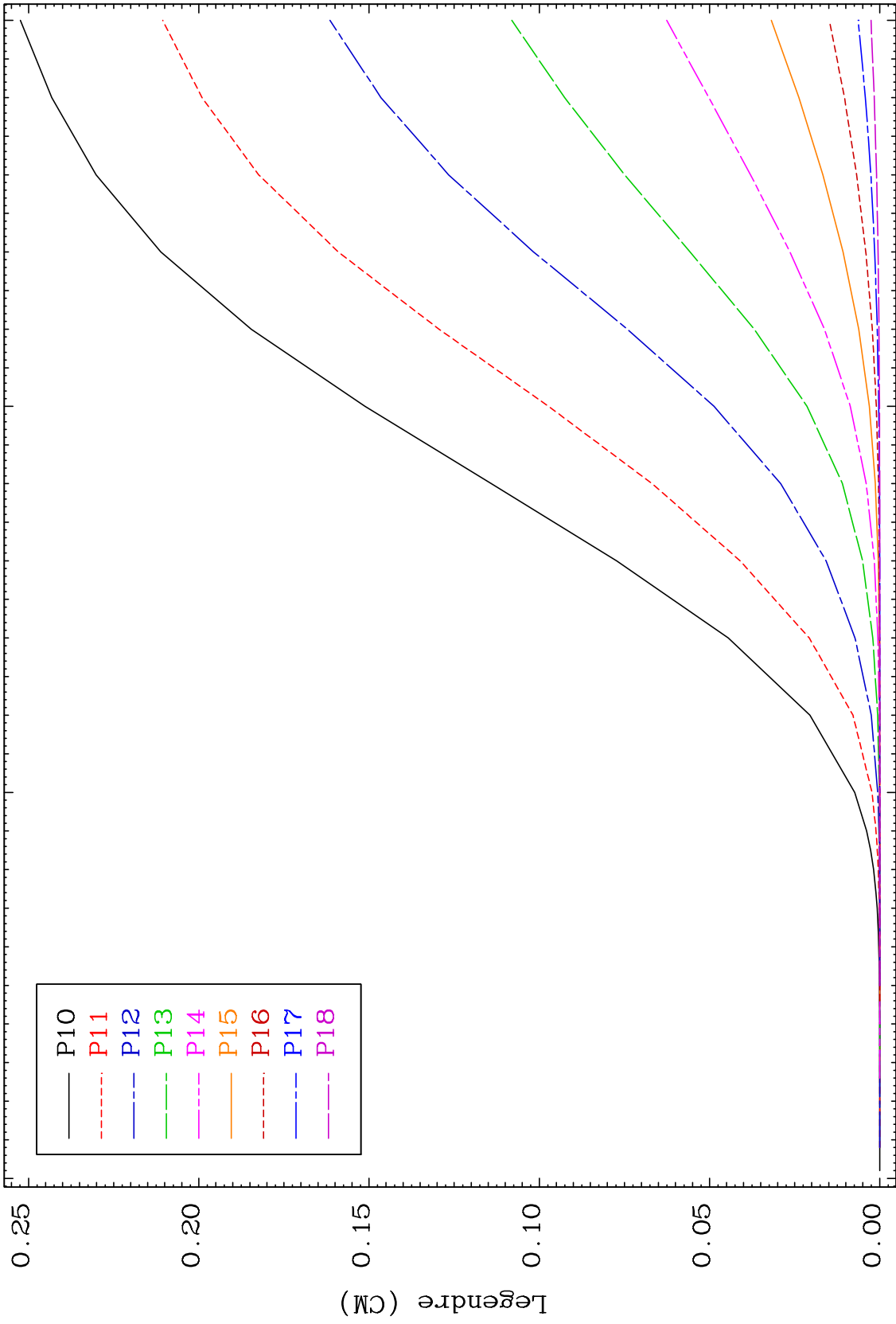
Incident Energy (MeV)

30-Zn-78

MAT 3067

Elastic Legendre Coefficients

30-Zn-78



17

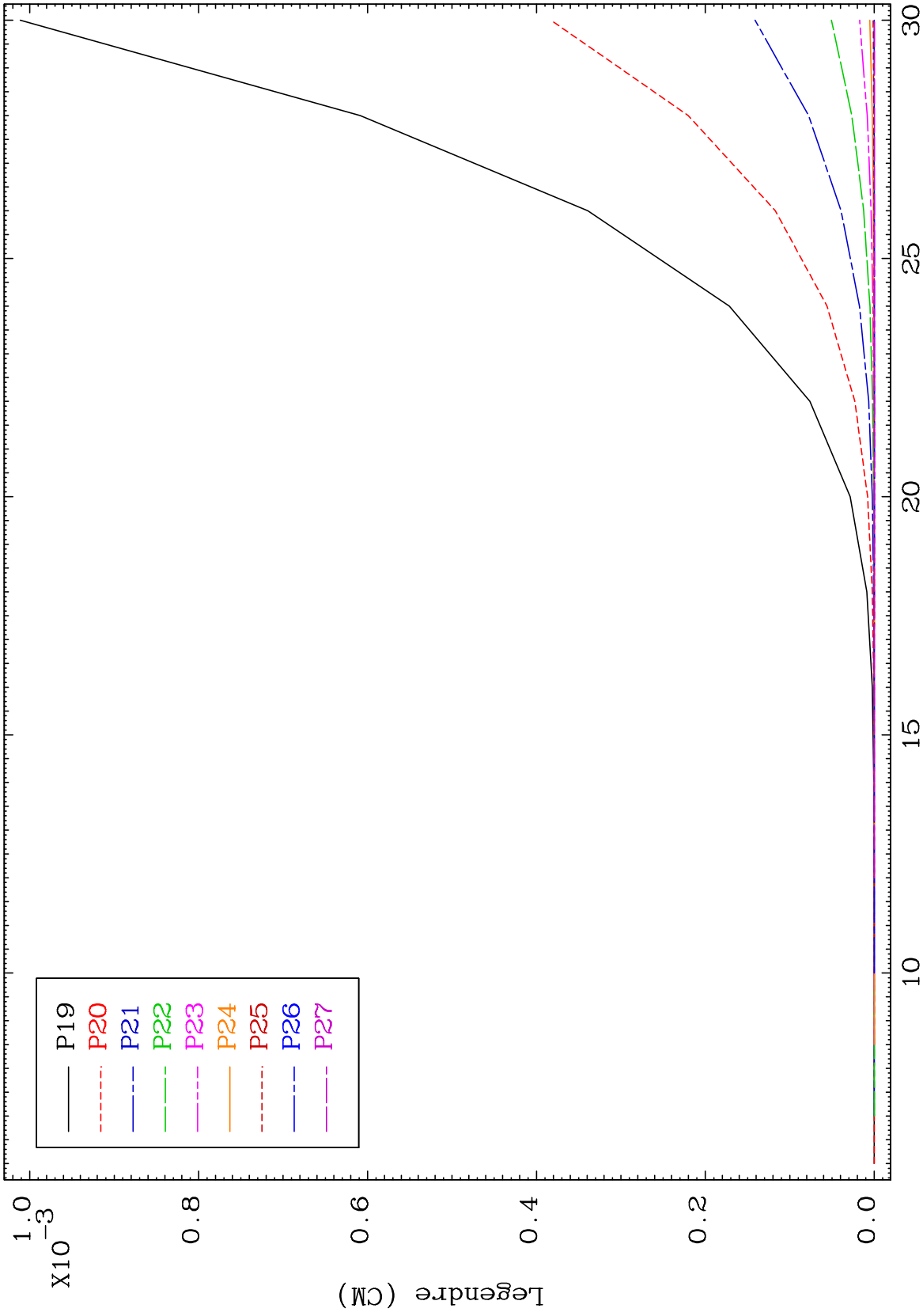
Incident Energy (MeV)

30-Zn-78

MAT 3067

### Elastic Legendre Coefficients

30-Zn-78



18

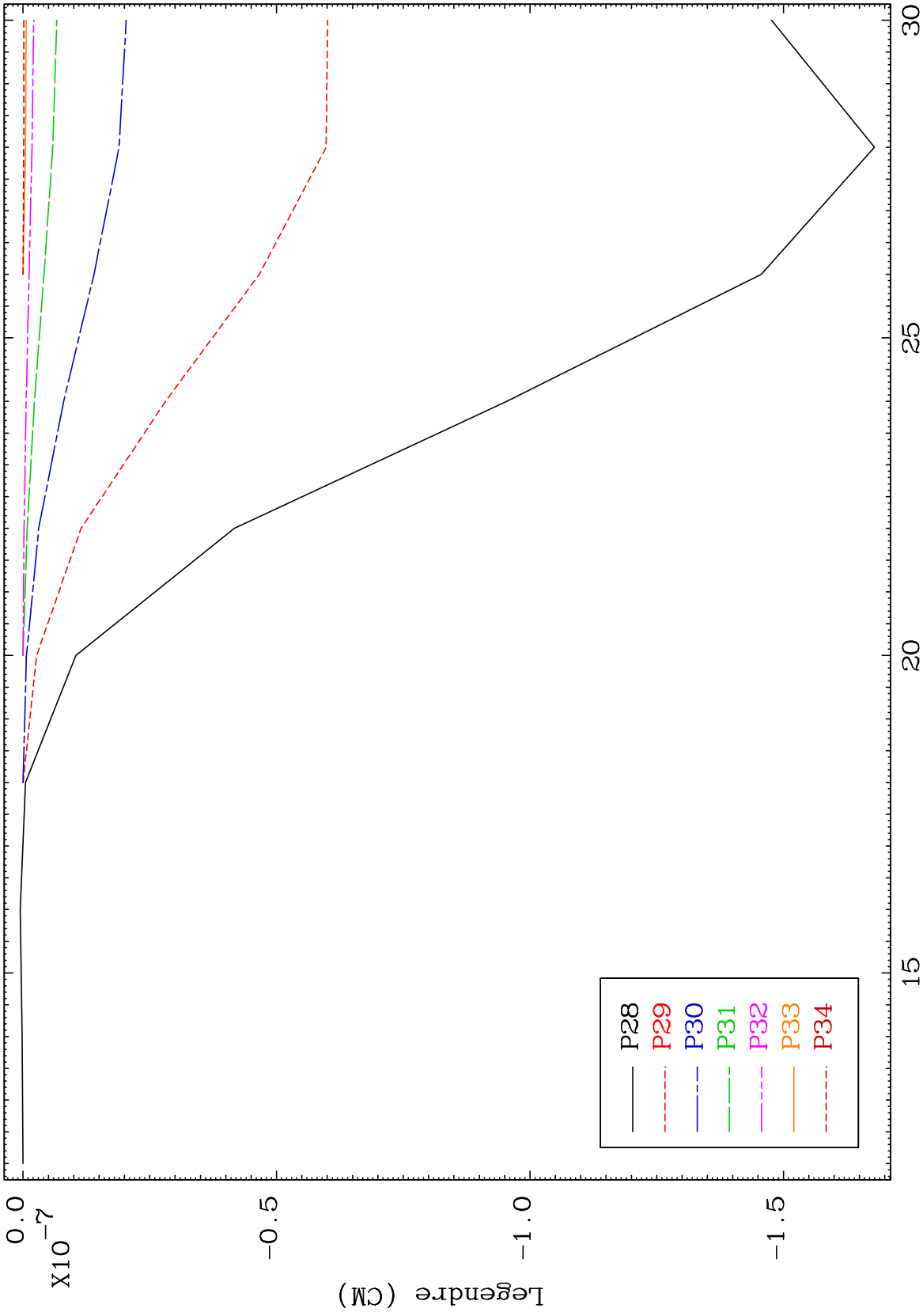
Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

Elastic Legendre Coefficients

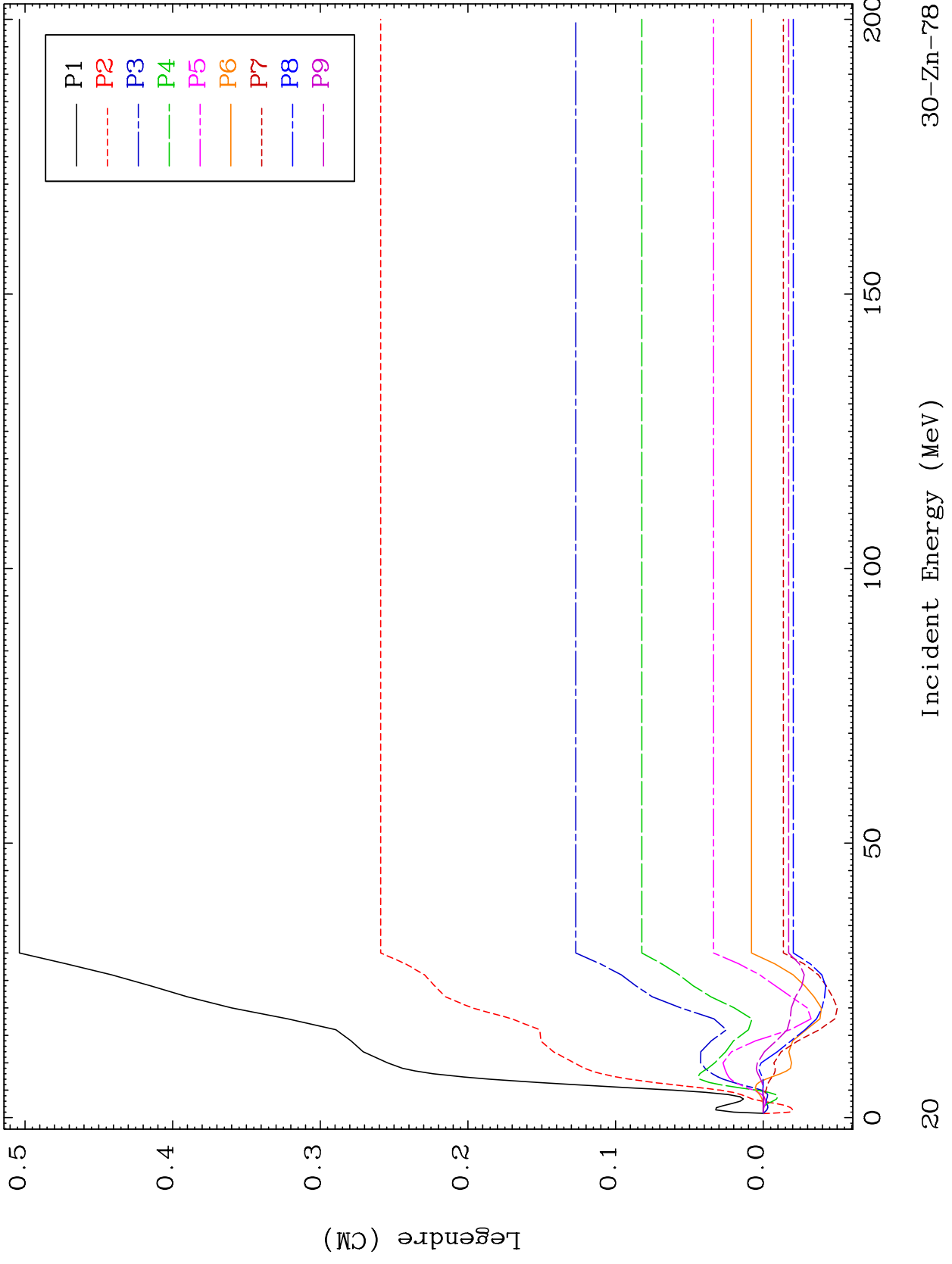


19

Incident Energy (MeV)

30-Zn-78

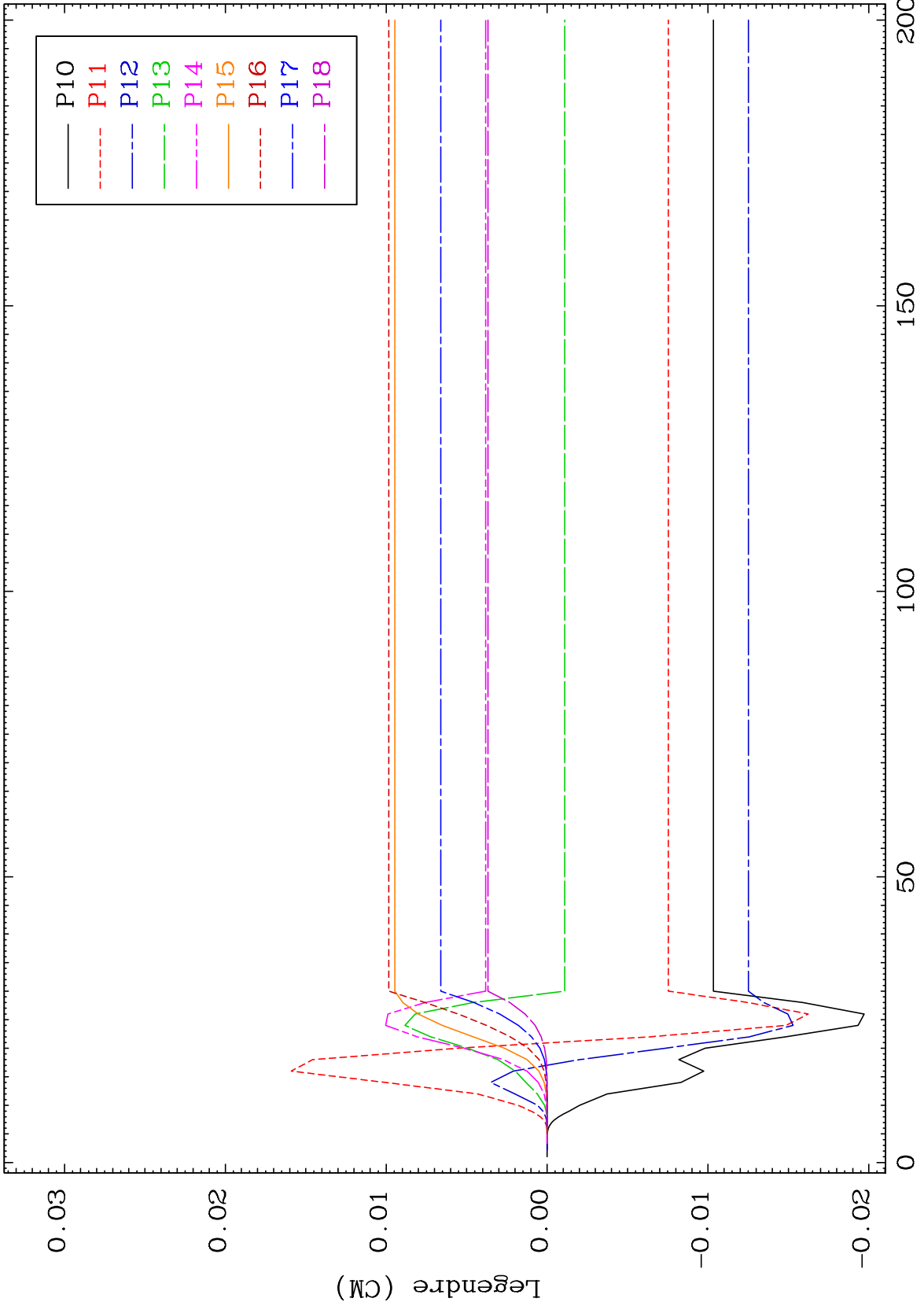
MAT 3067 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



21

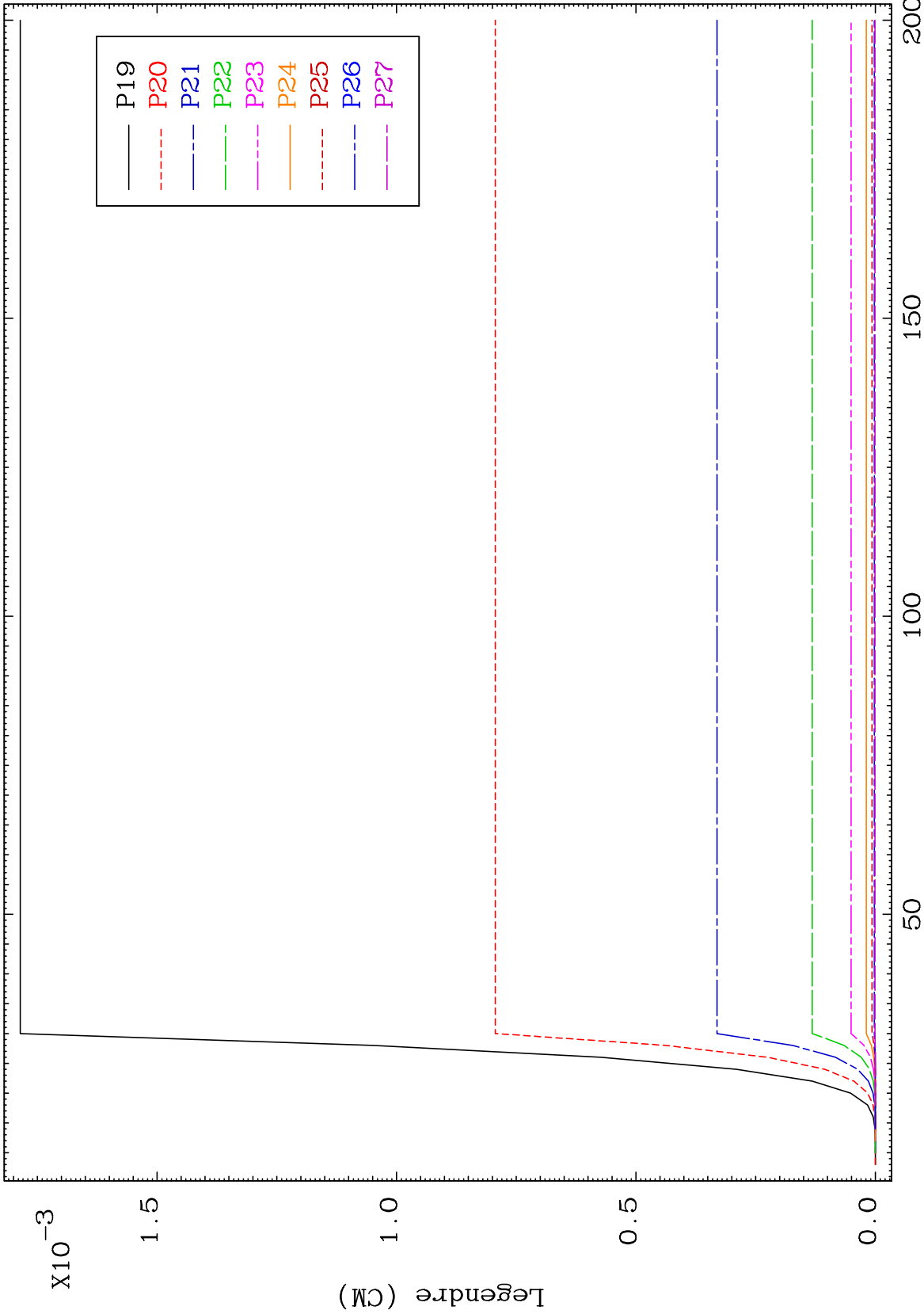
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



22

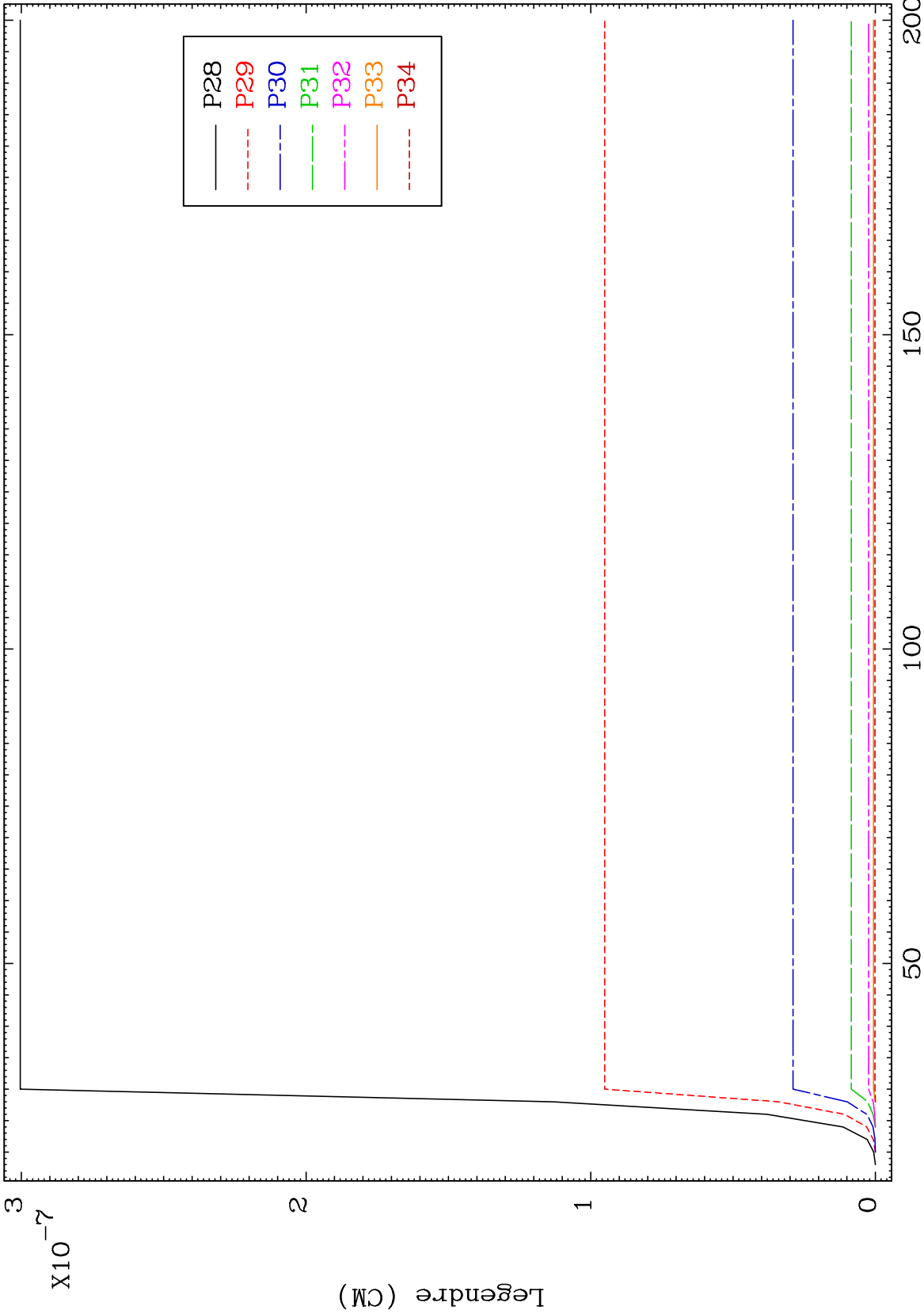
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



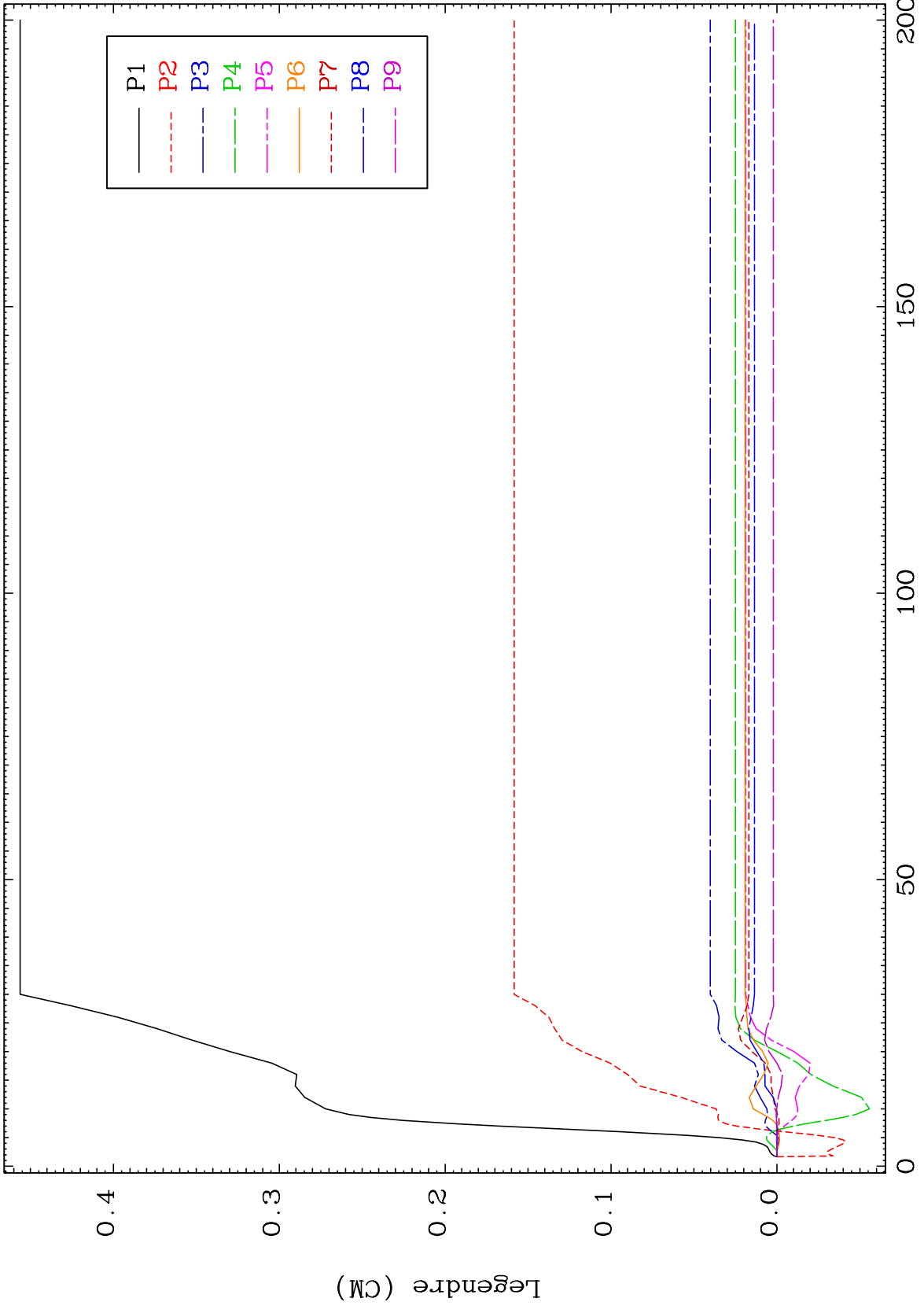
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Incident Energy (MeV)

30-Zn-78



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

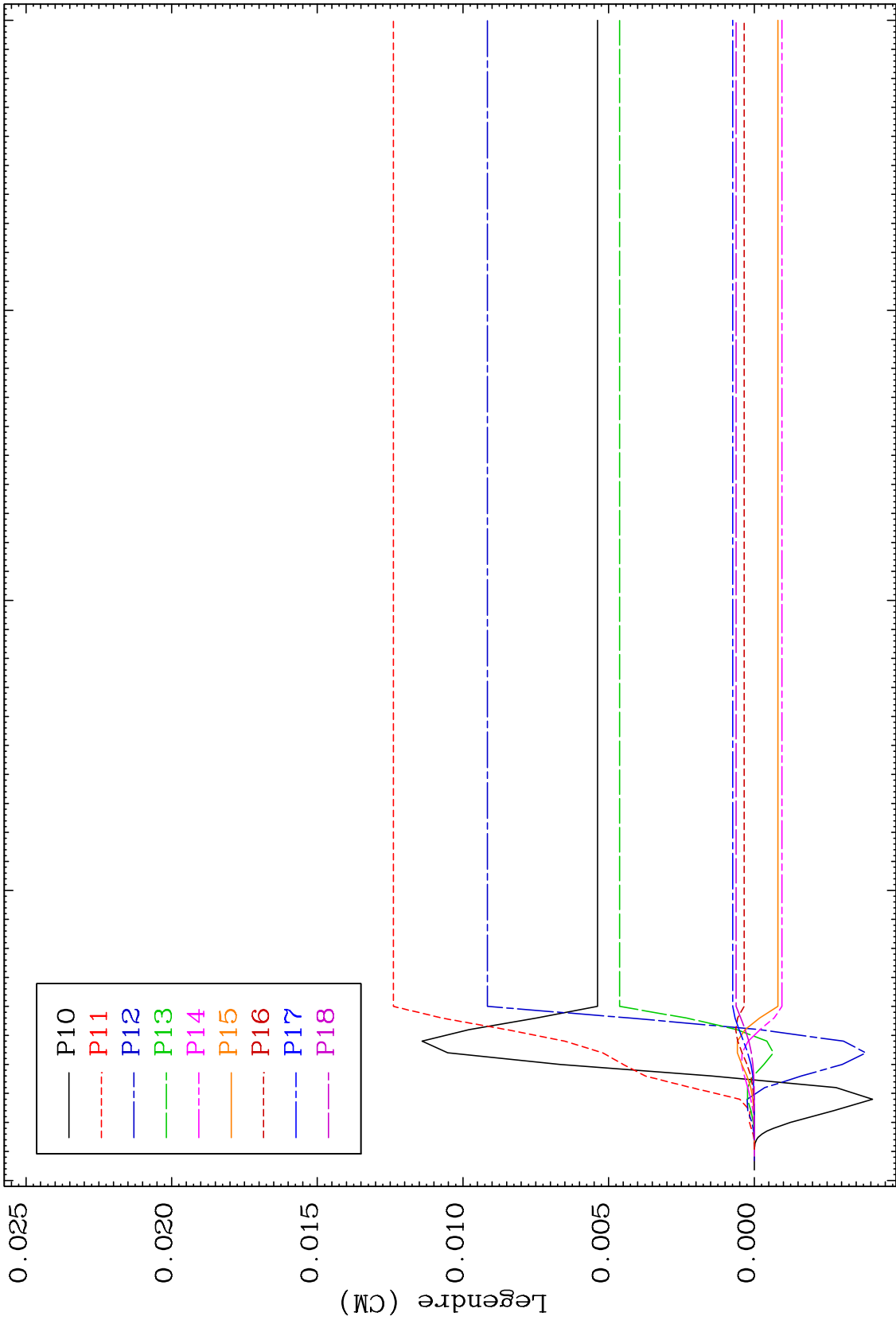


Legendre (CM) Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78



25

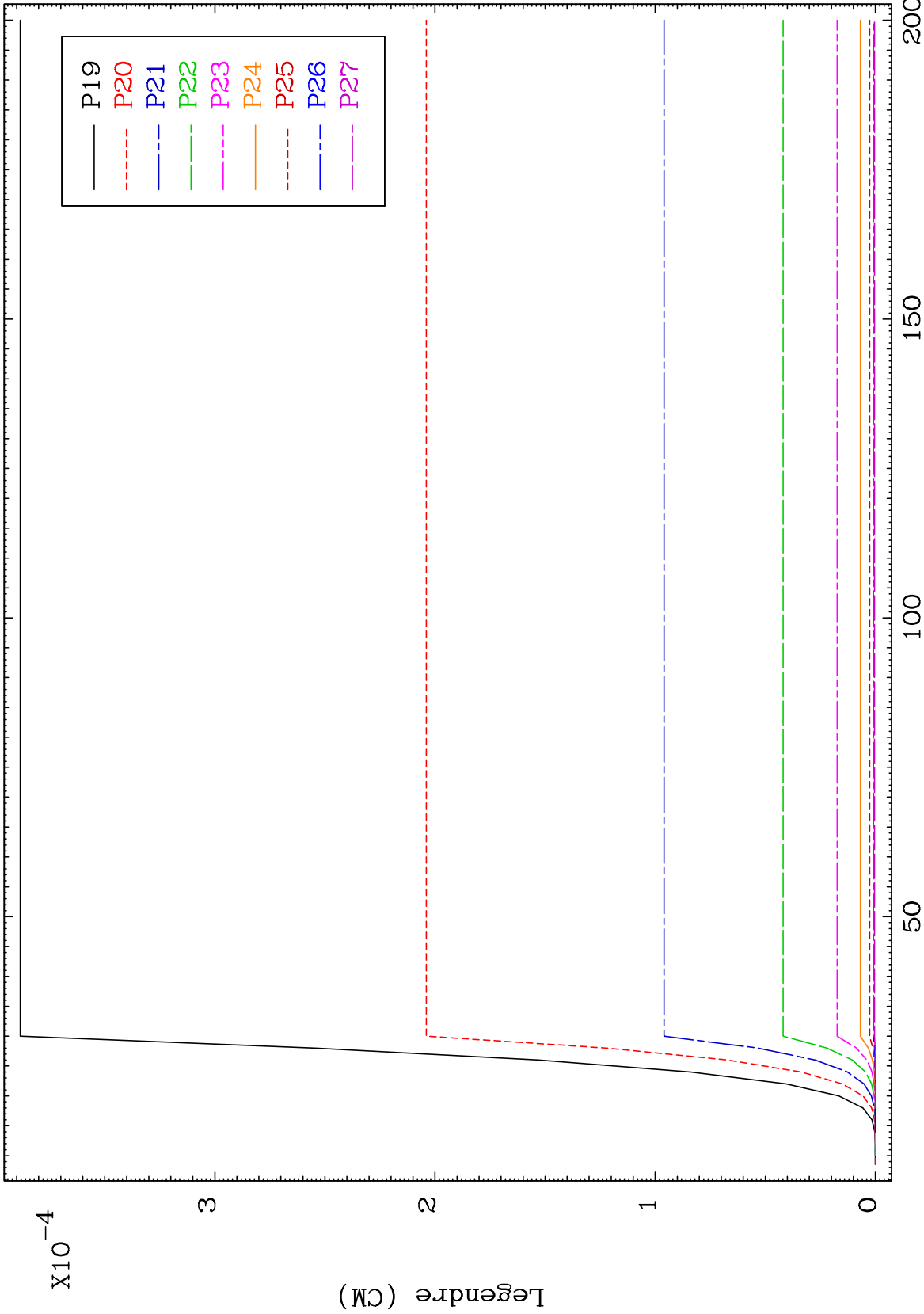
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

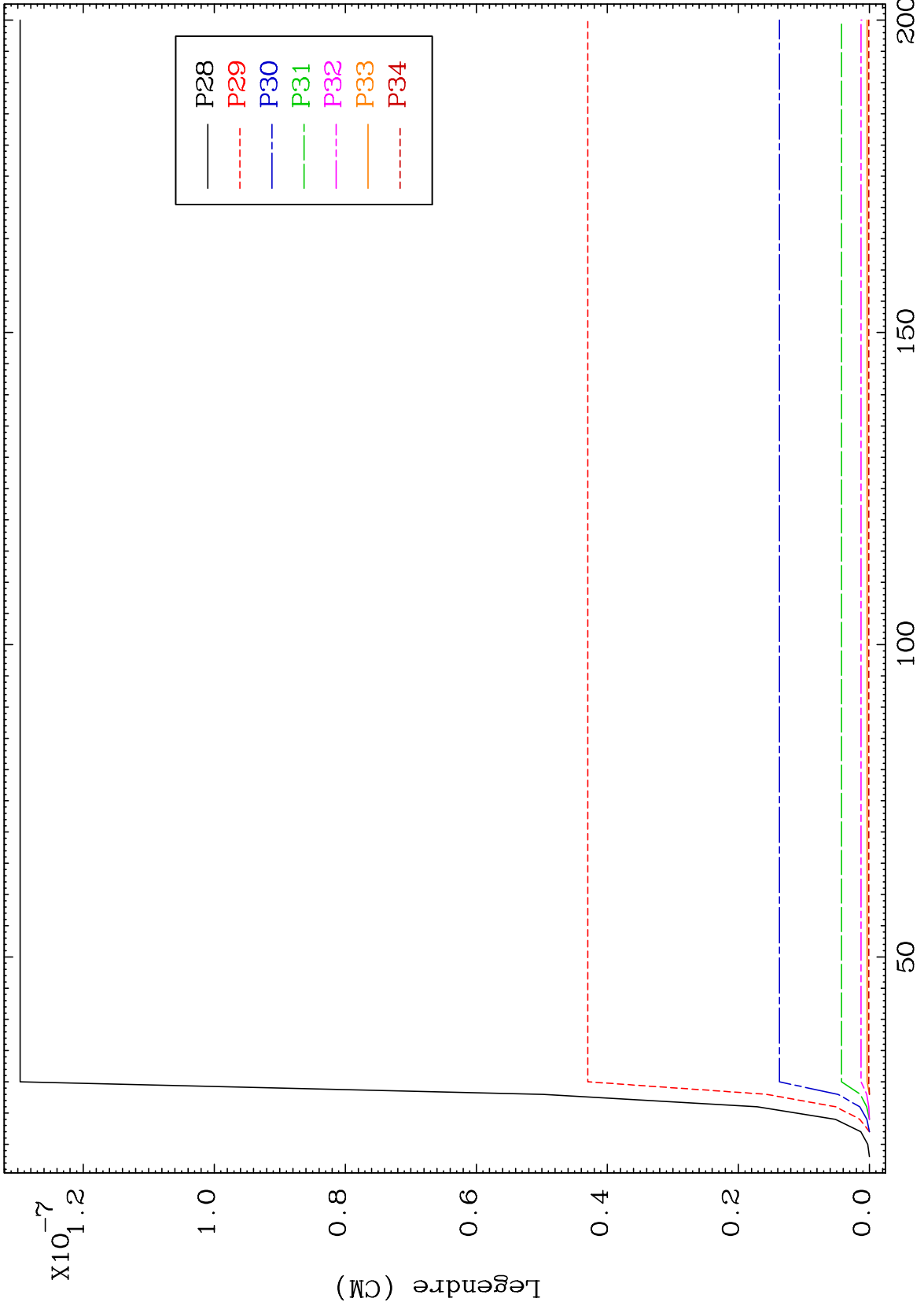


26

Incident Energy (MeV)

30-Zn-78

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

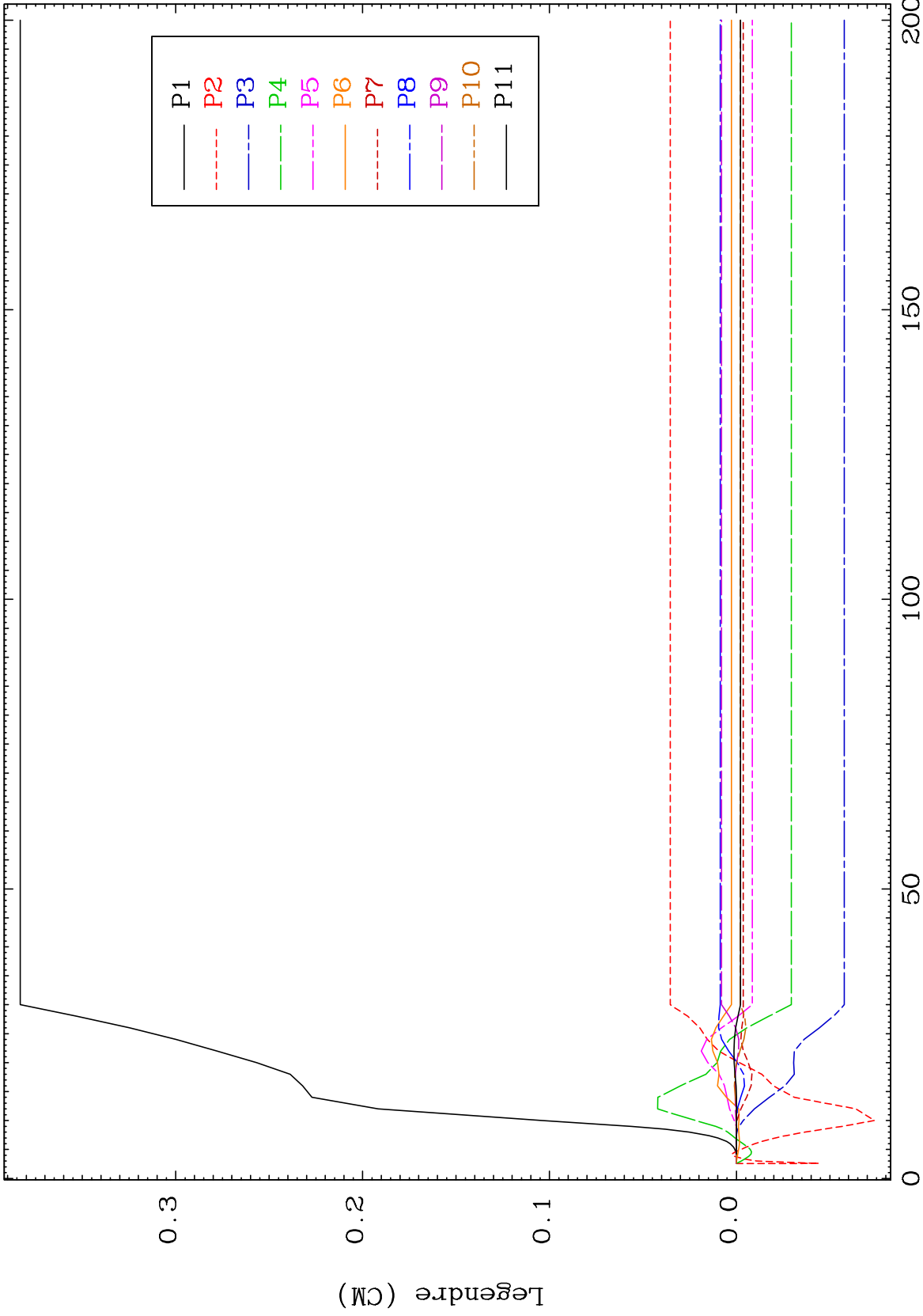


27 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78



28

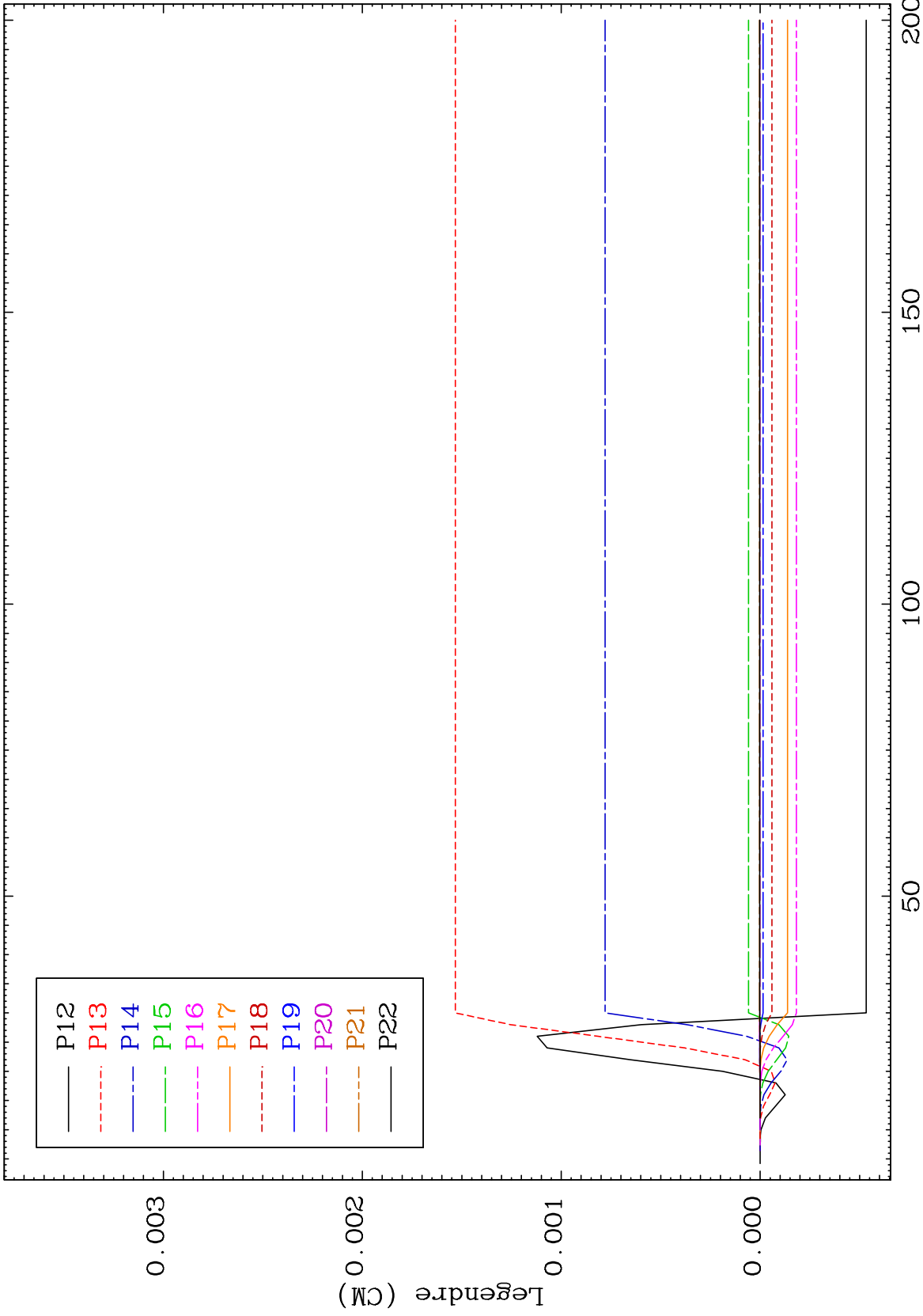
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



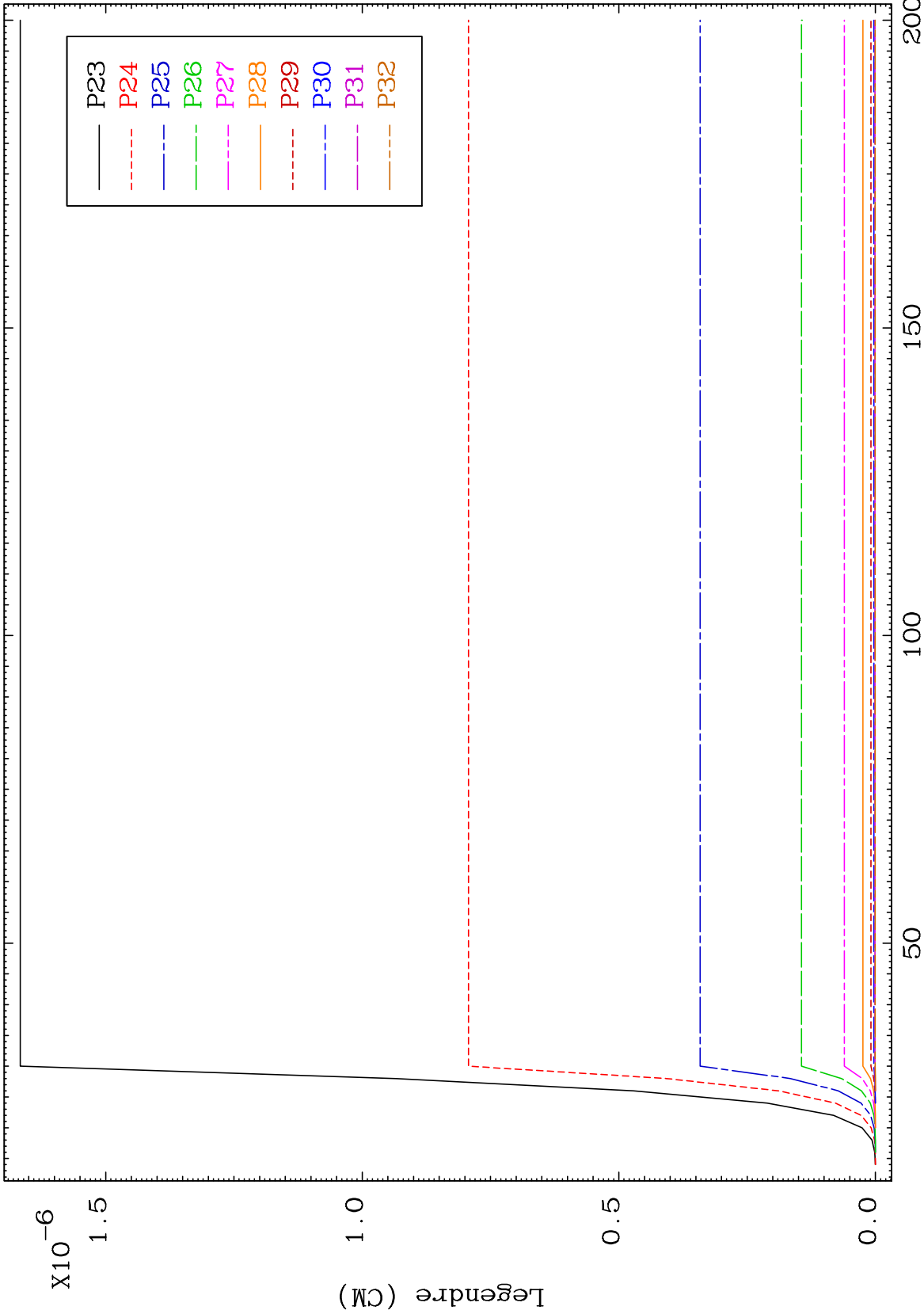
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30-Zn-78

MAT 3067

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

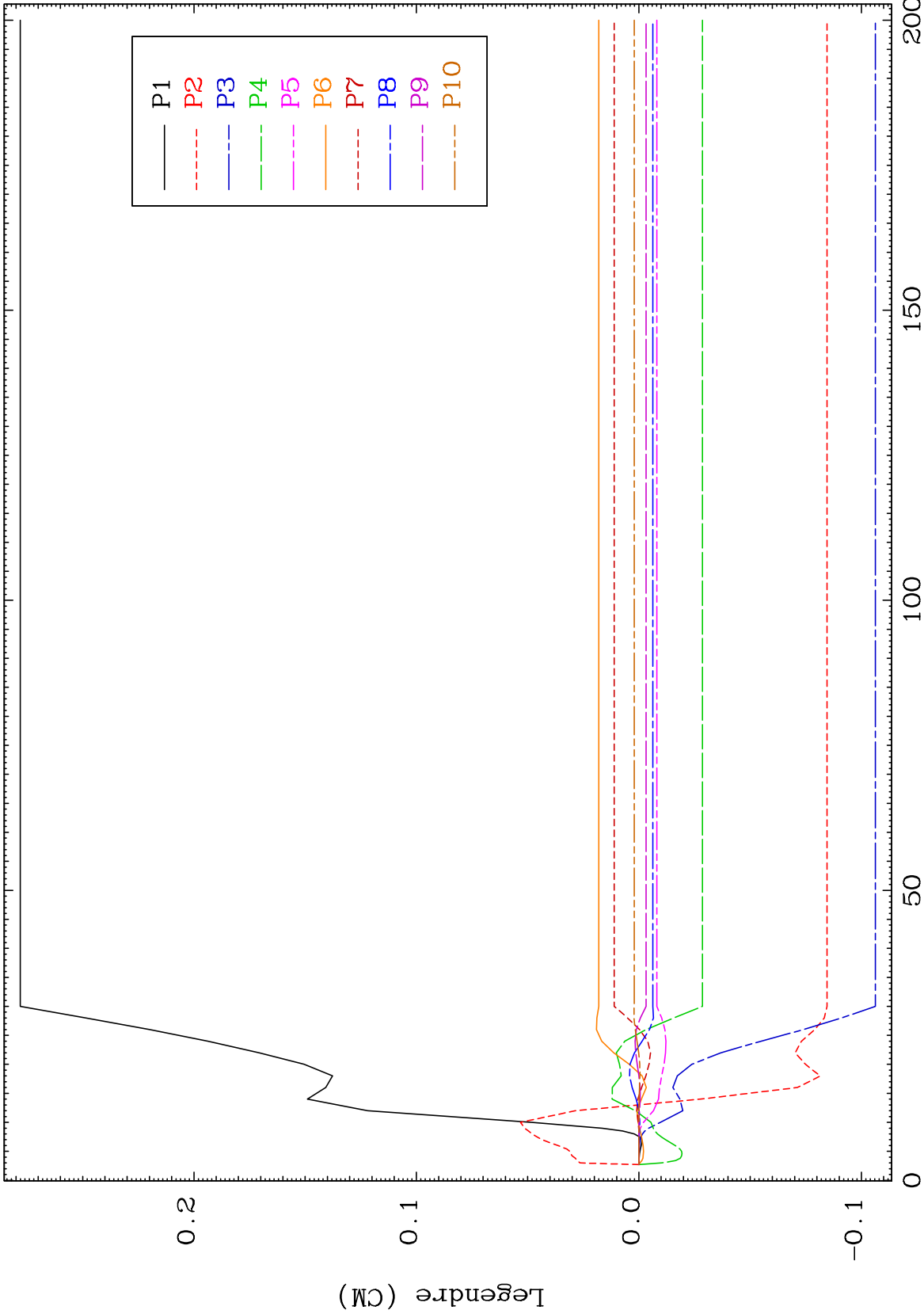
30-Zn-78



MAT 3067

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

30-Zn-78



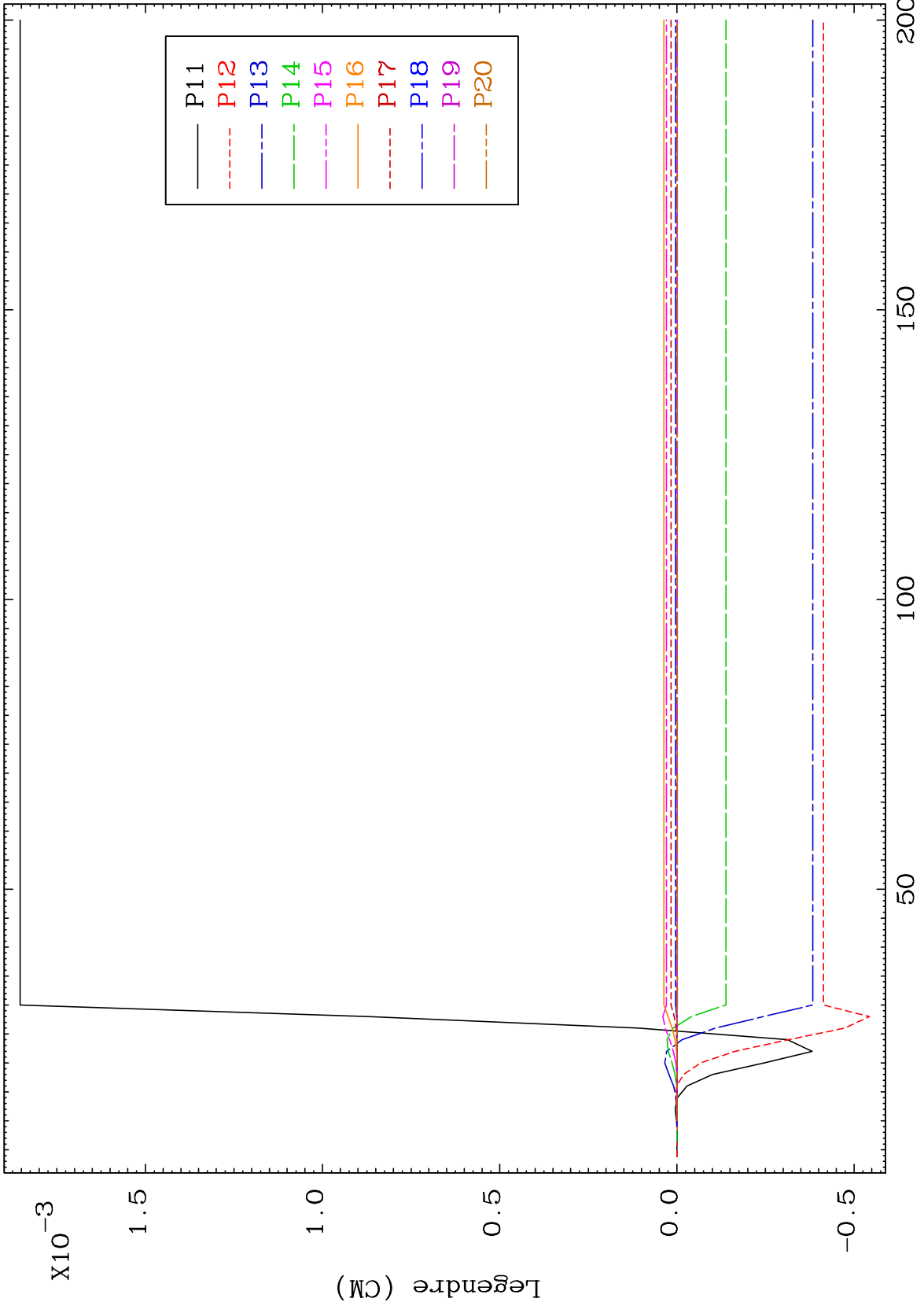
31

Incident Energy (MeV)

30-Zn-78



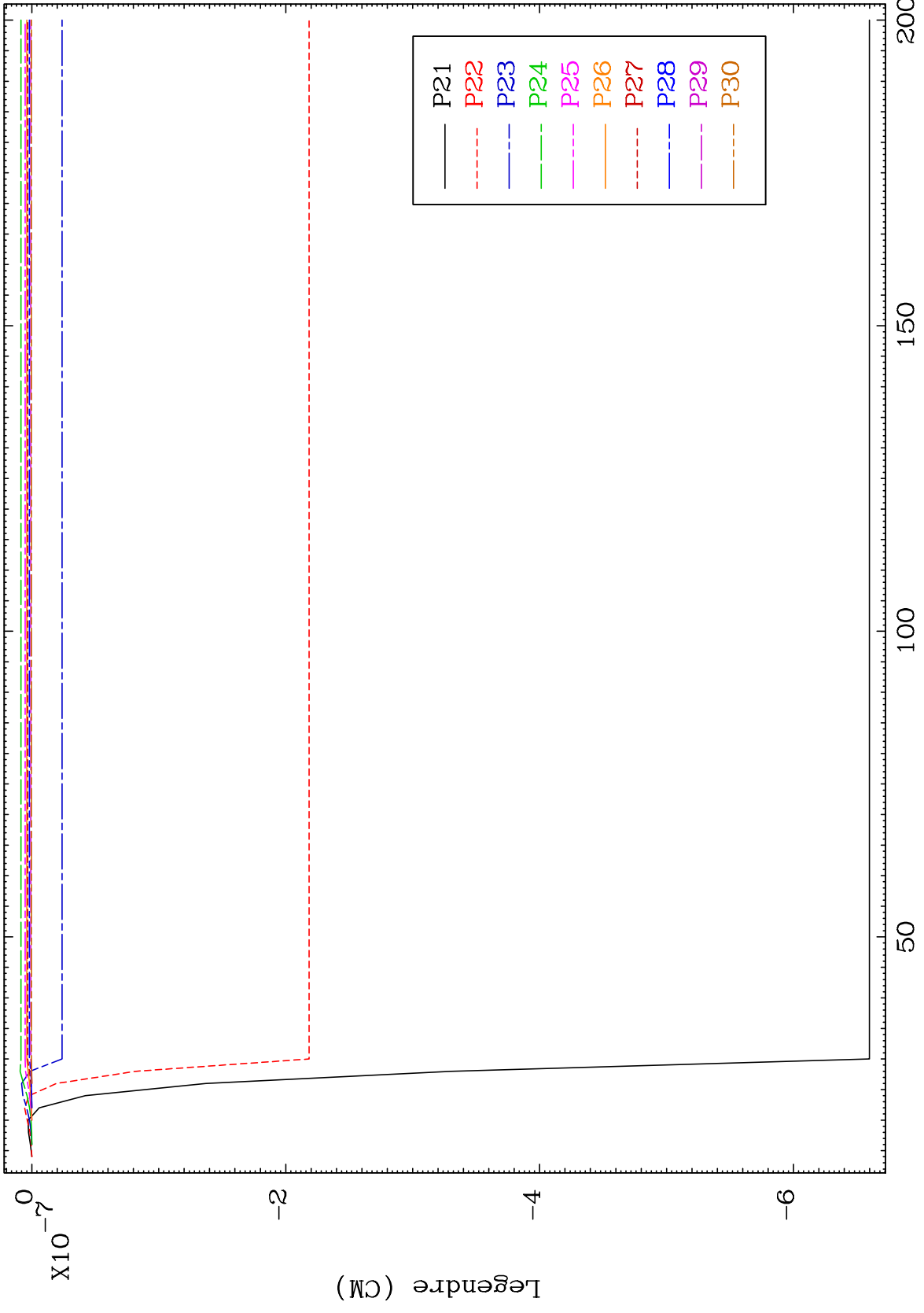
MAT 3067 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78

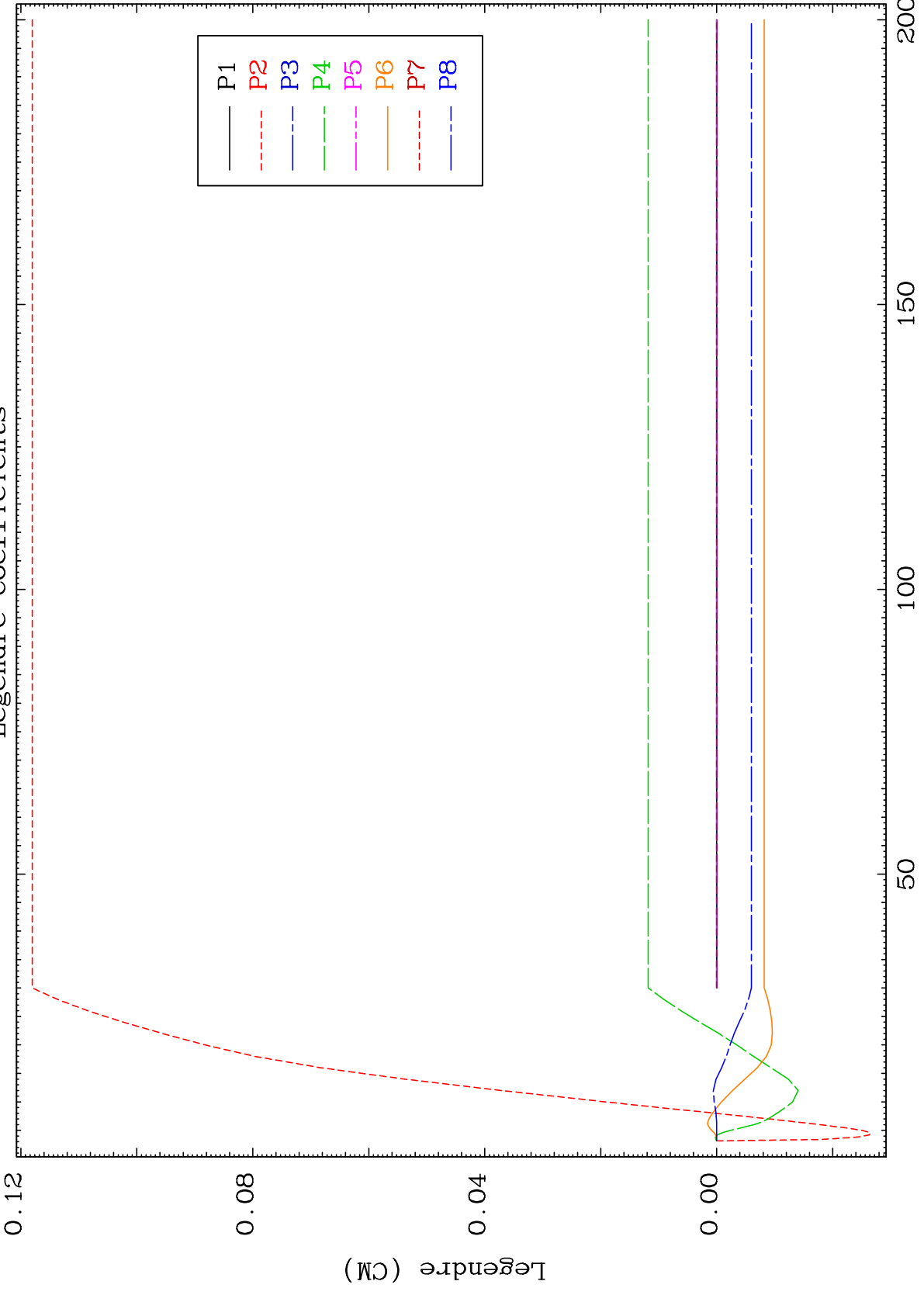


30-Zn-78

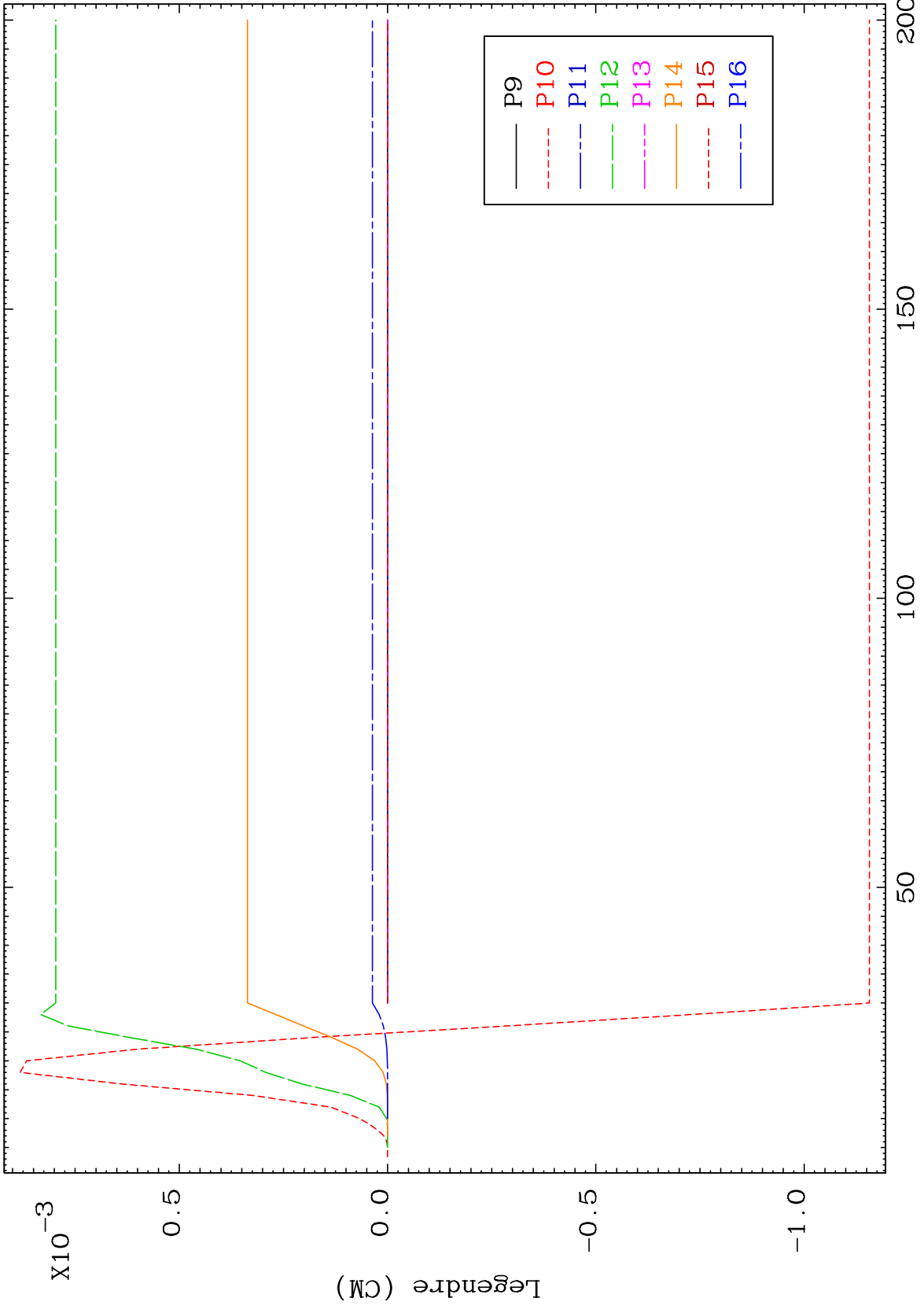
Incident Energy (MeV)

33

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

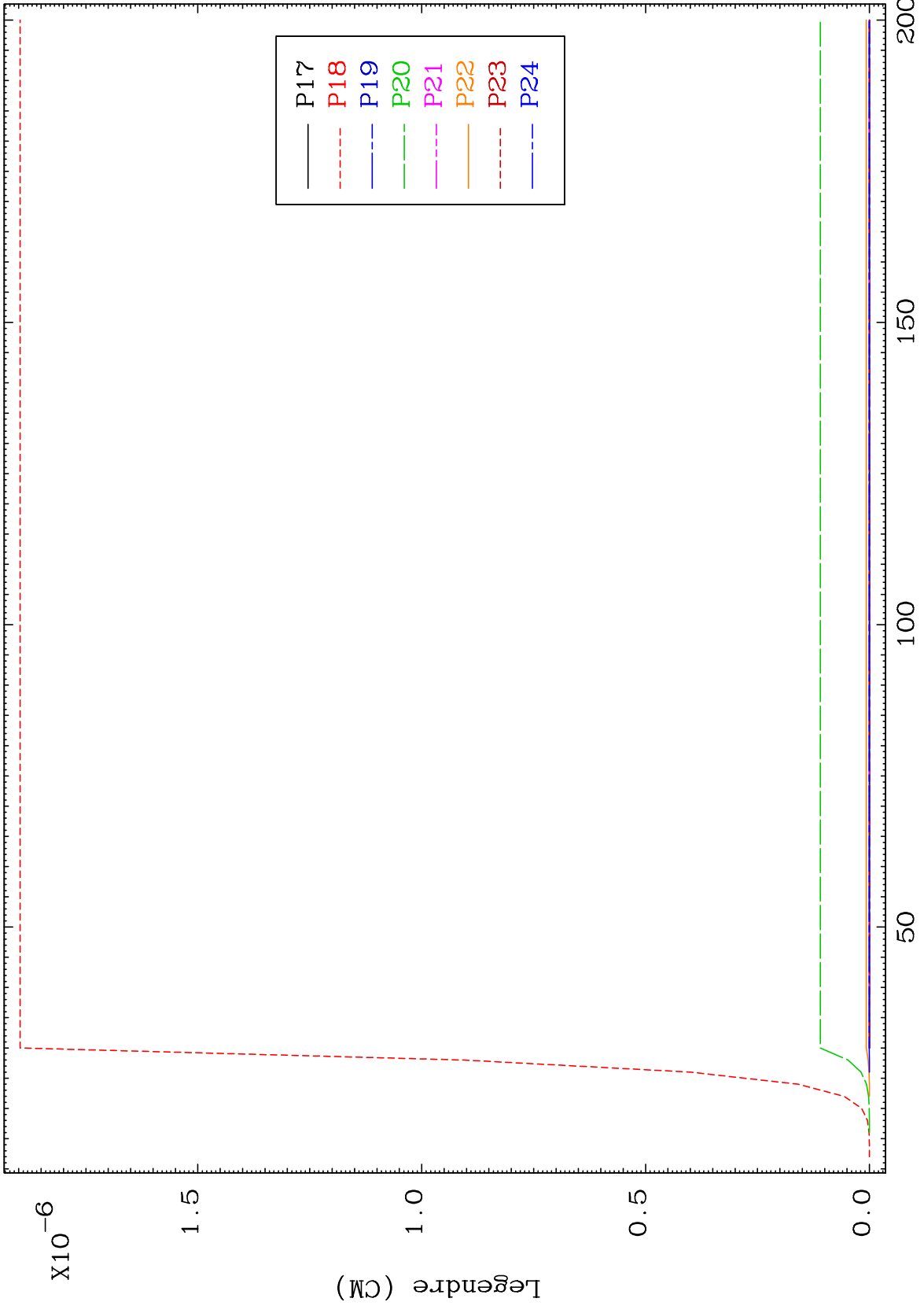


MAT 3067 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-78



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

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

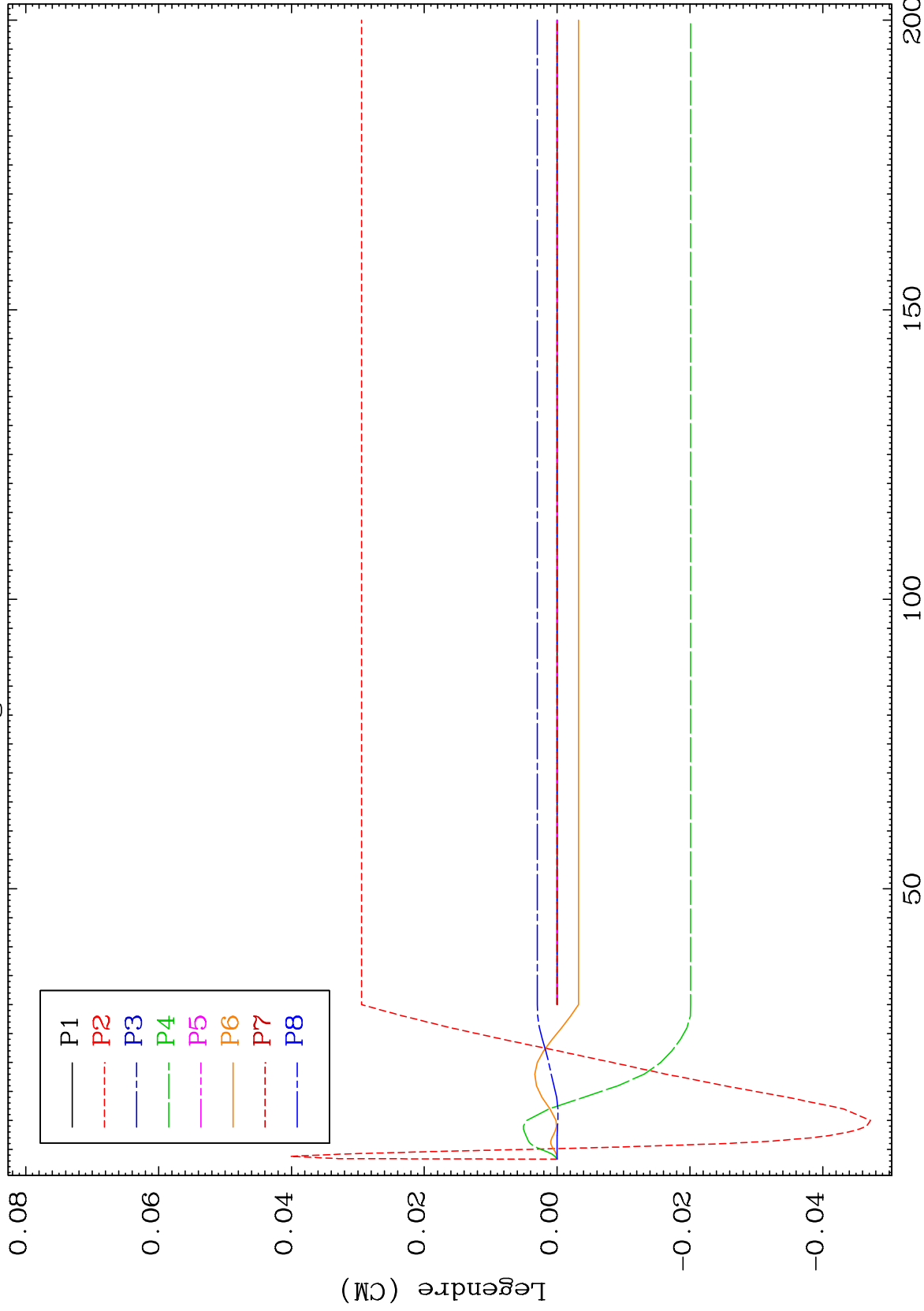


36 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78



37

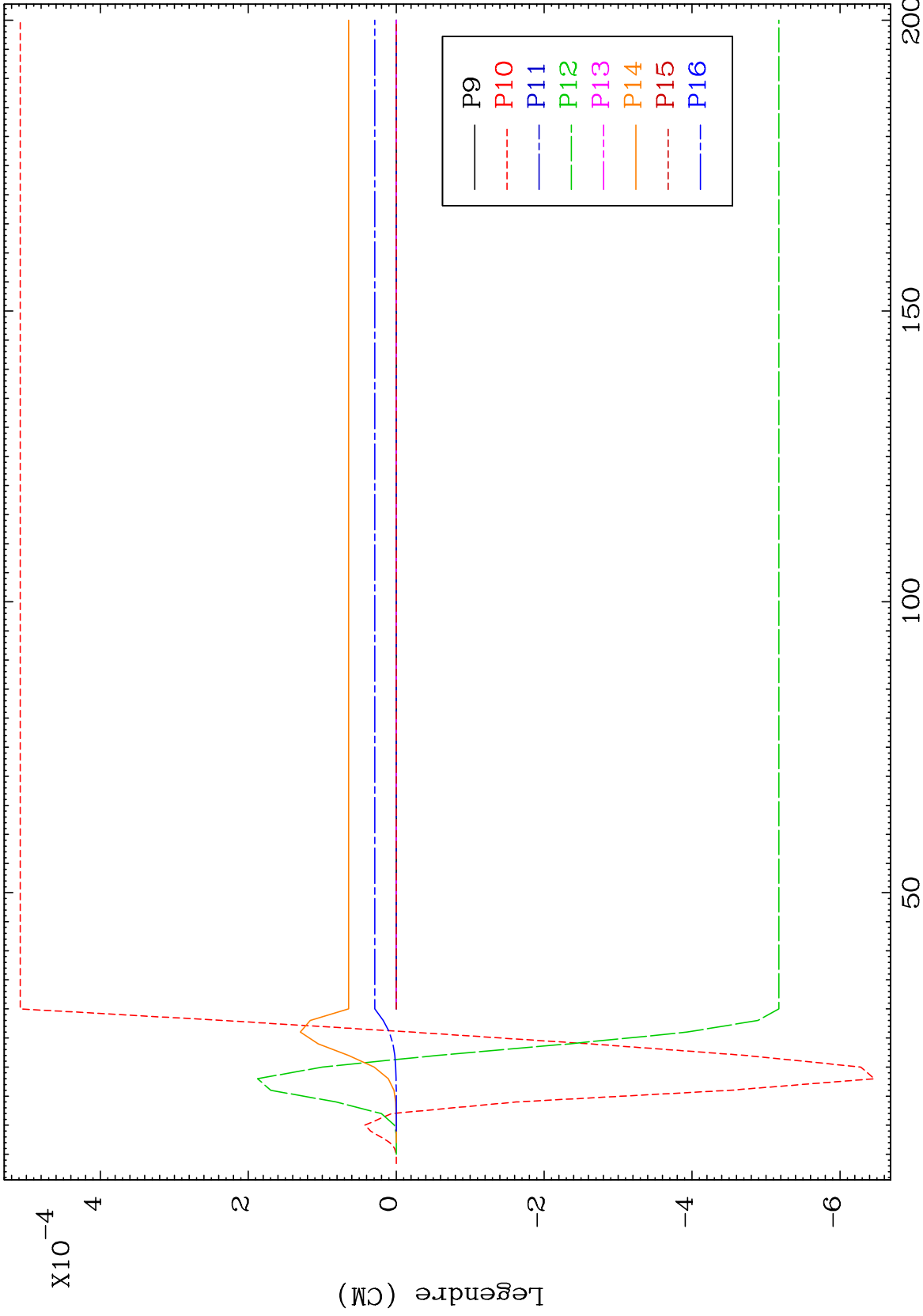
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

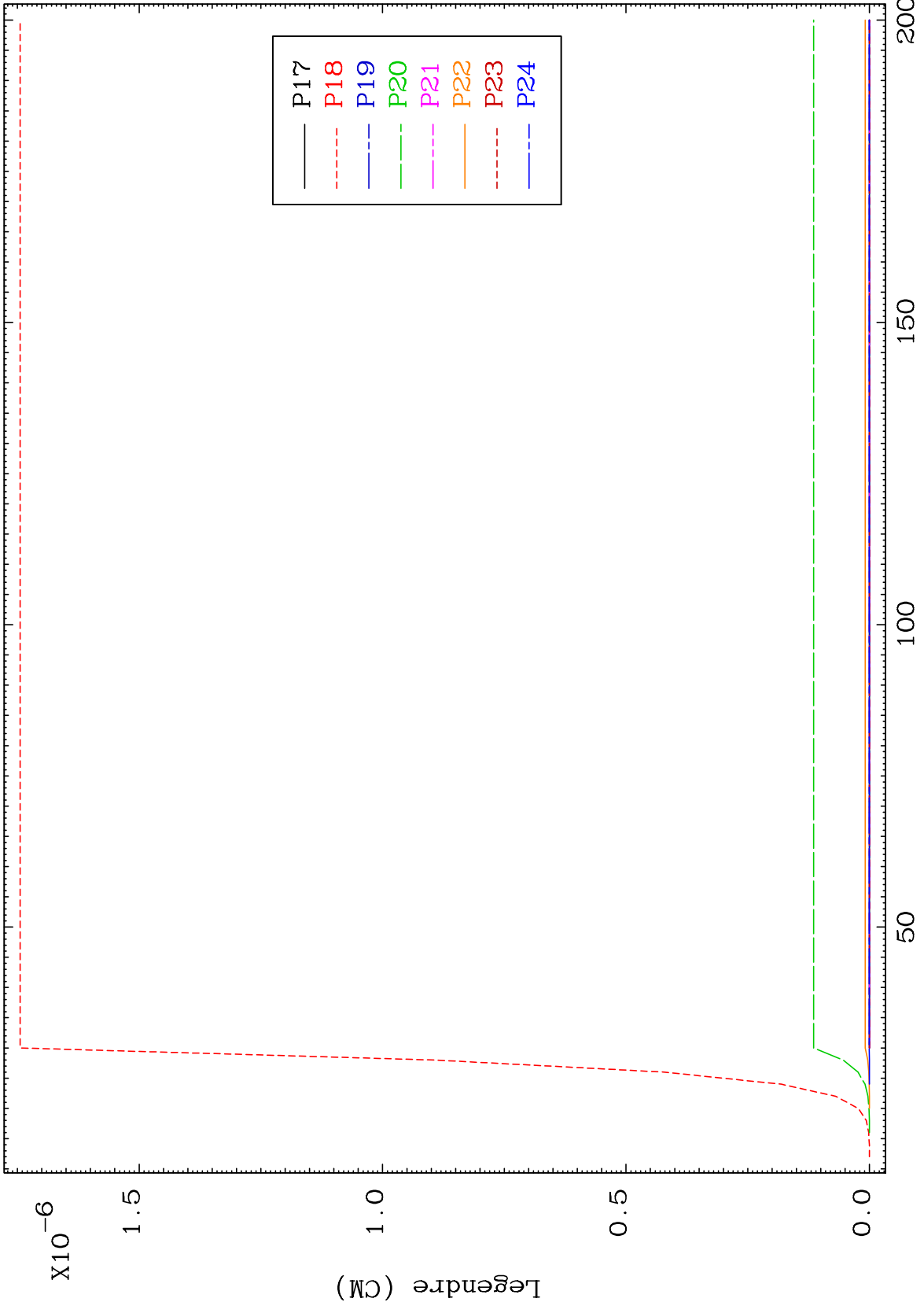


38

Incident Energy (MeV)

30-Zn-78

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



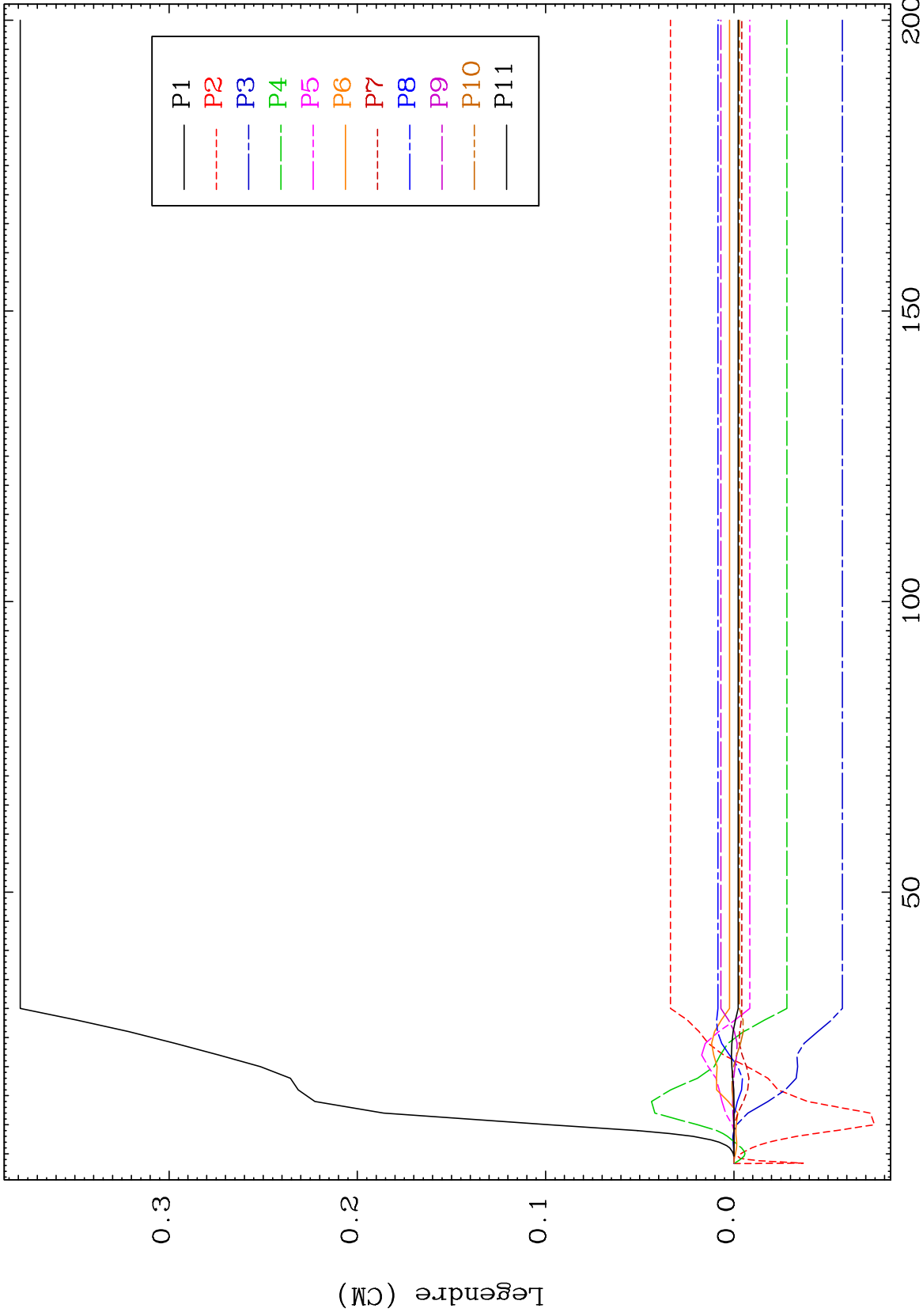
39 Incident Energy (MeV) 200 30-Zn-78



MAT 3067

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

30-Zn-78



40

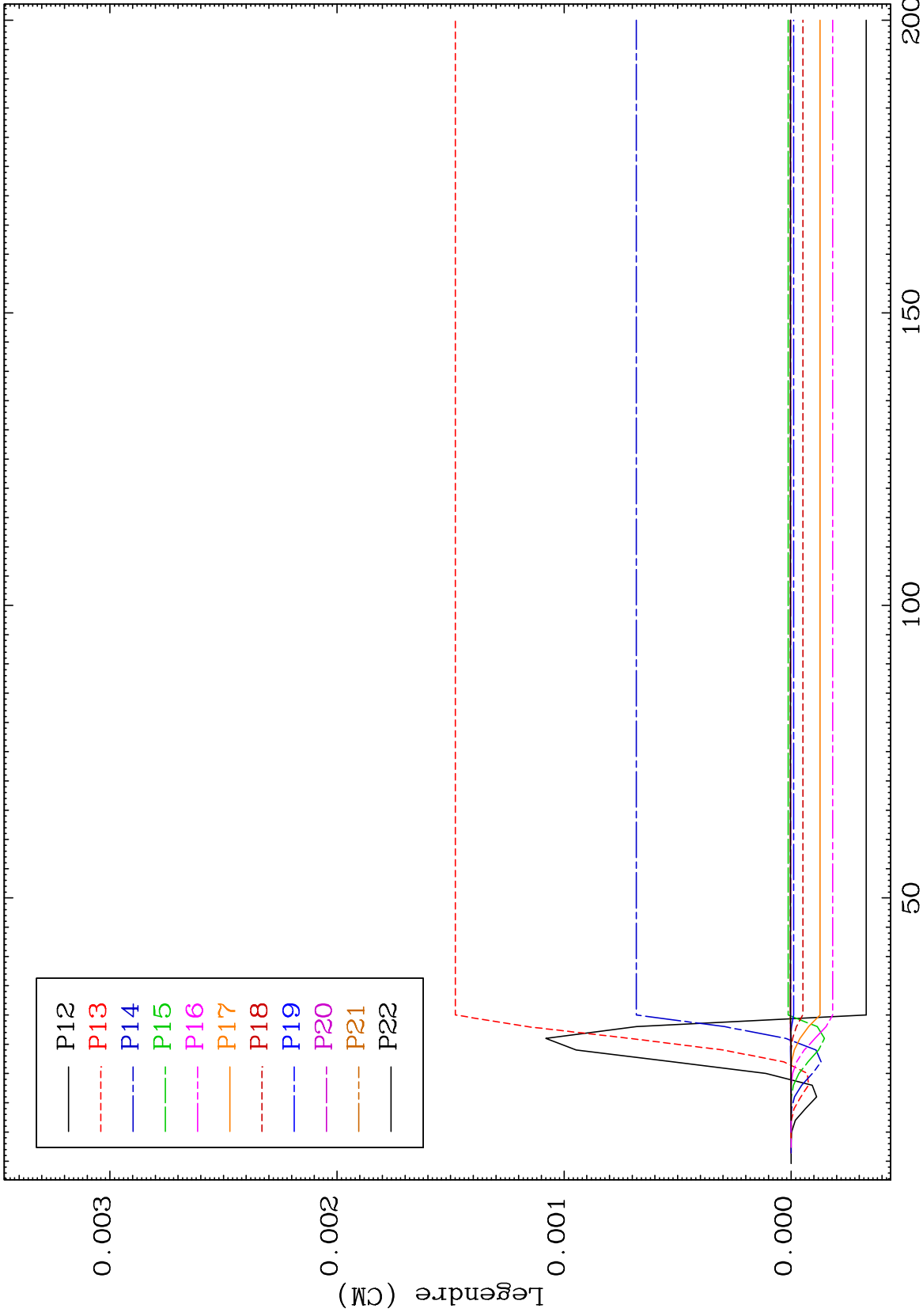
Incident Energy (MeV)

30-Zn-78

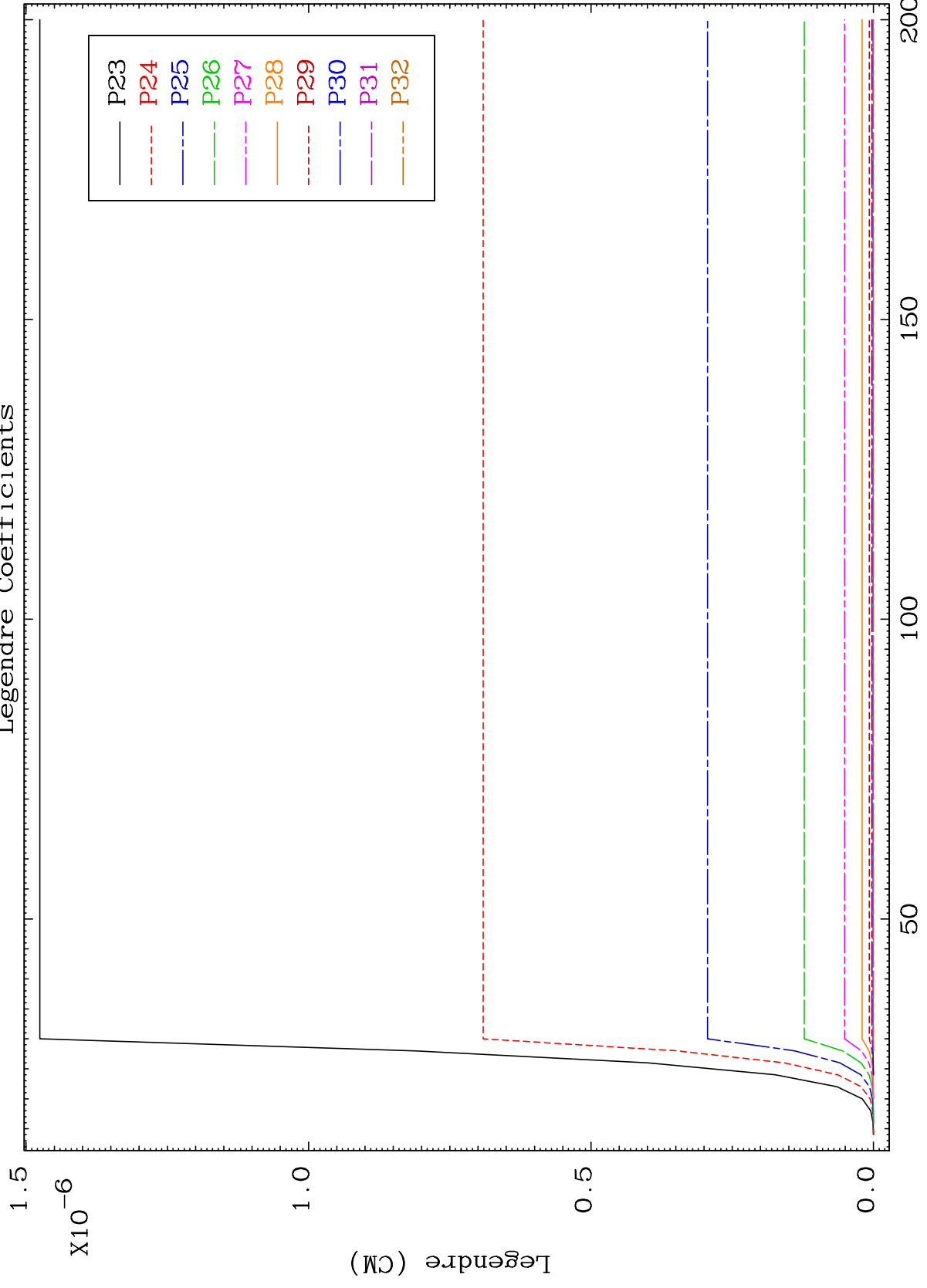
MAT 3067

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

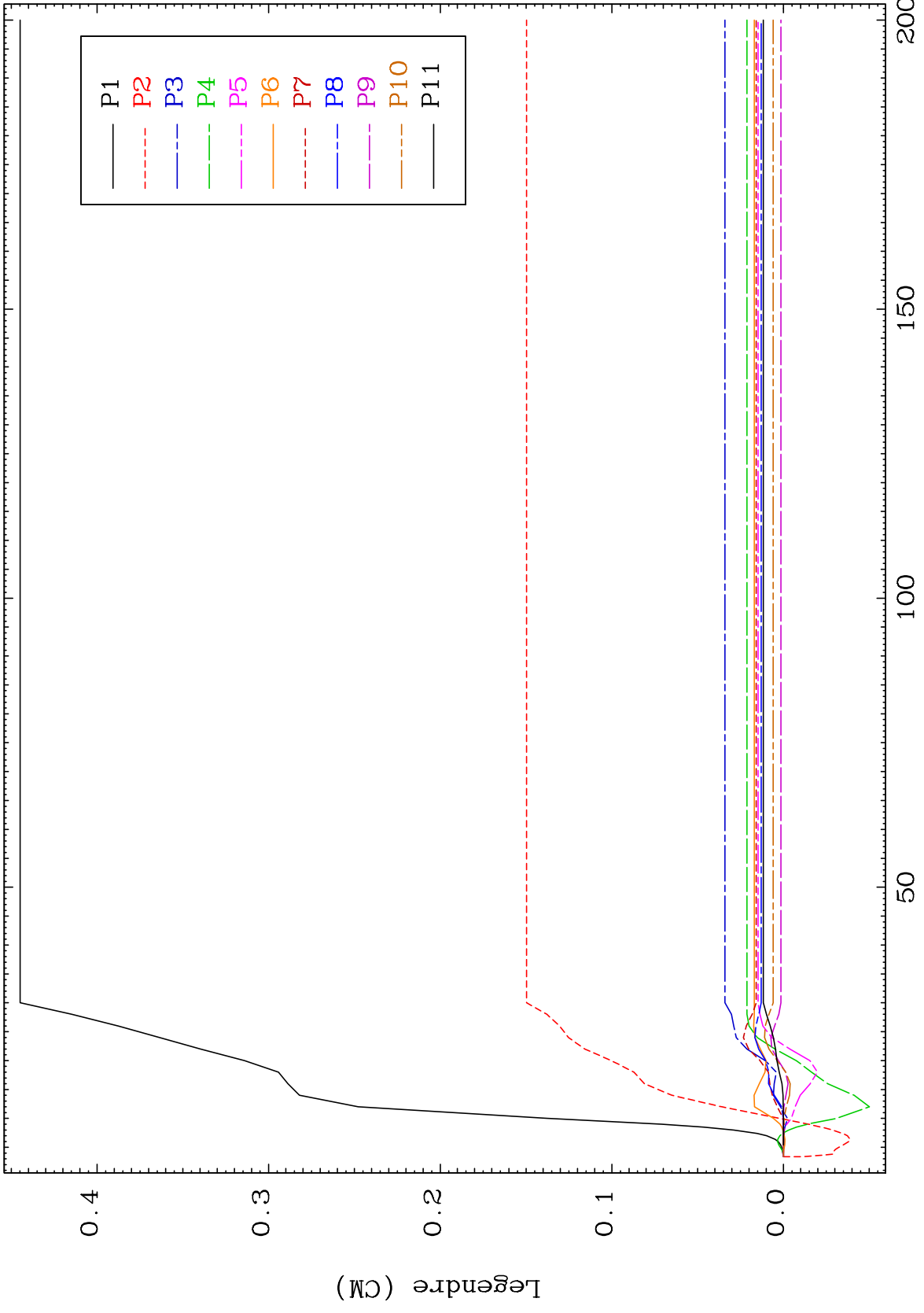
30-Zn-78



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



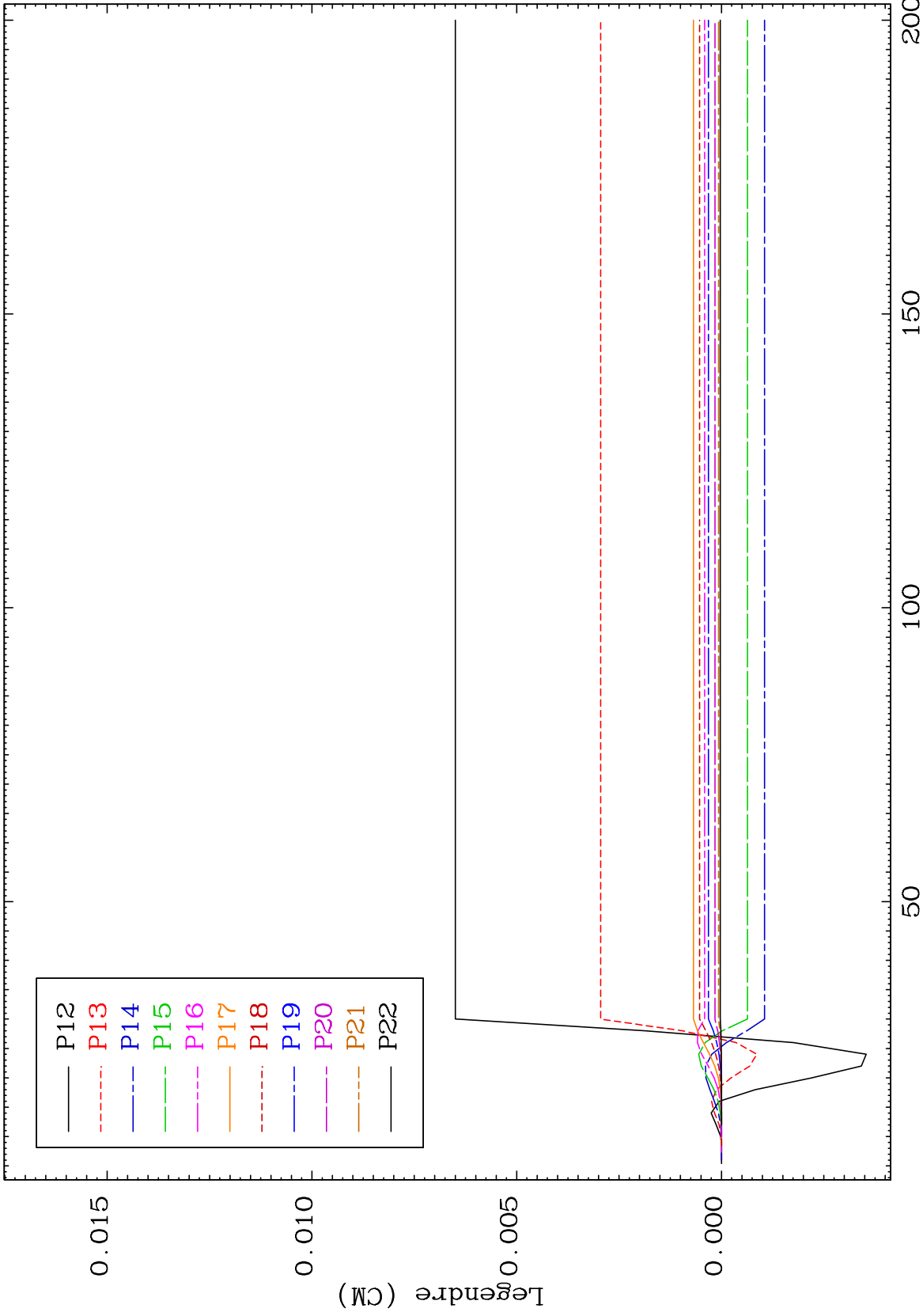
MAT 3067 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

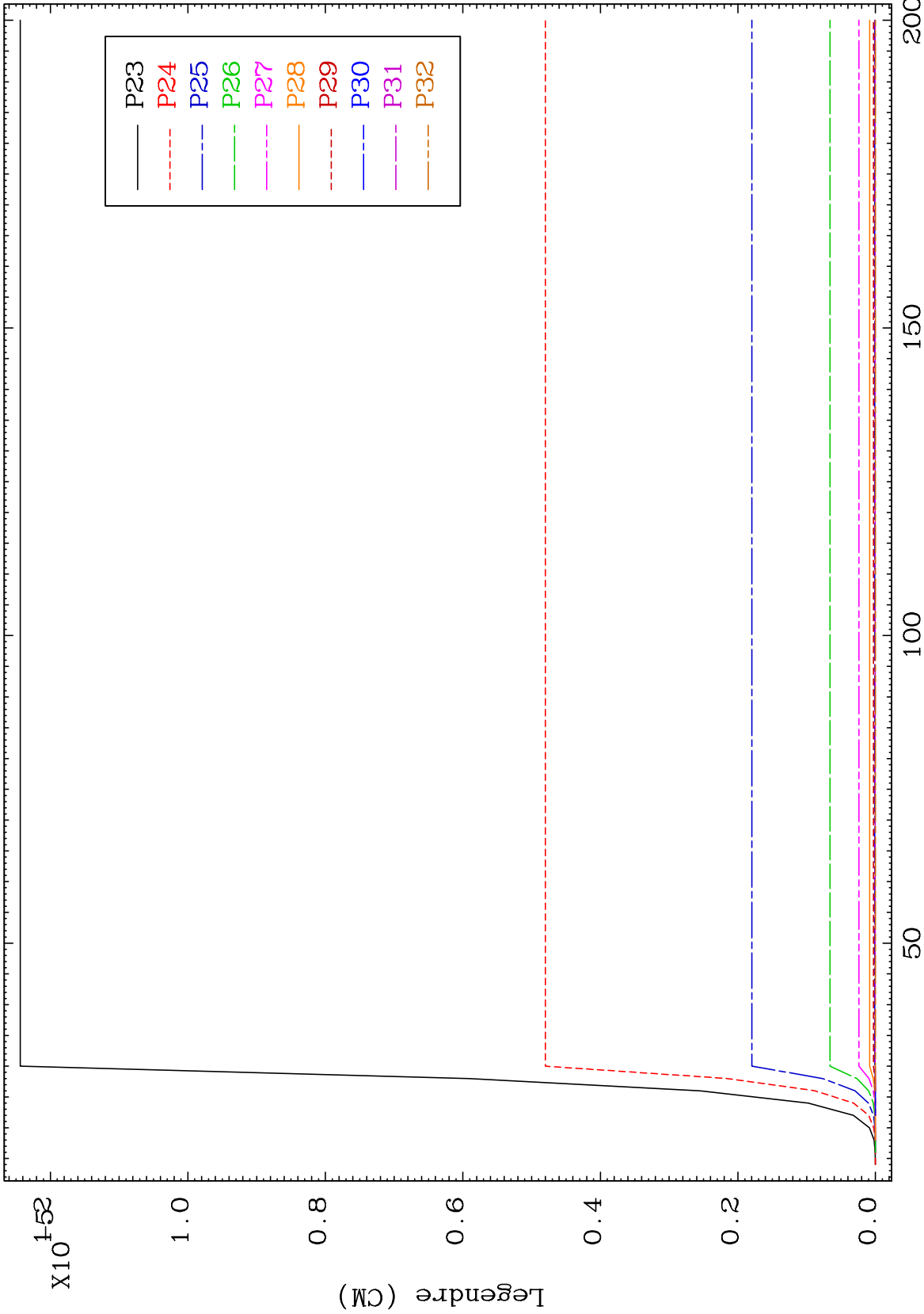
30-Zn-78



MAT 3067

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

30-Zn-78

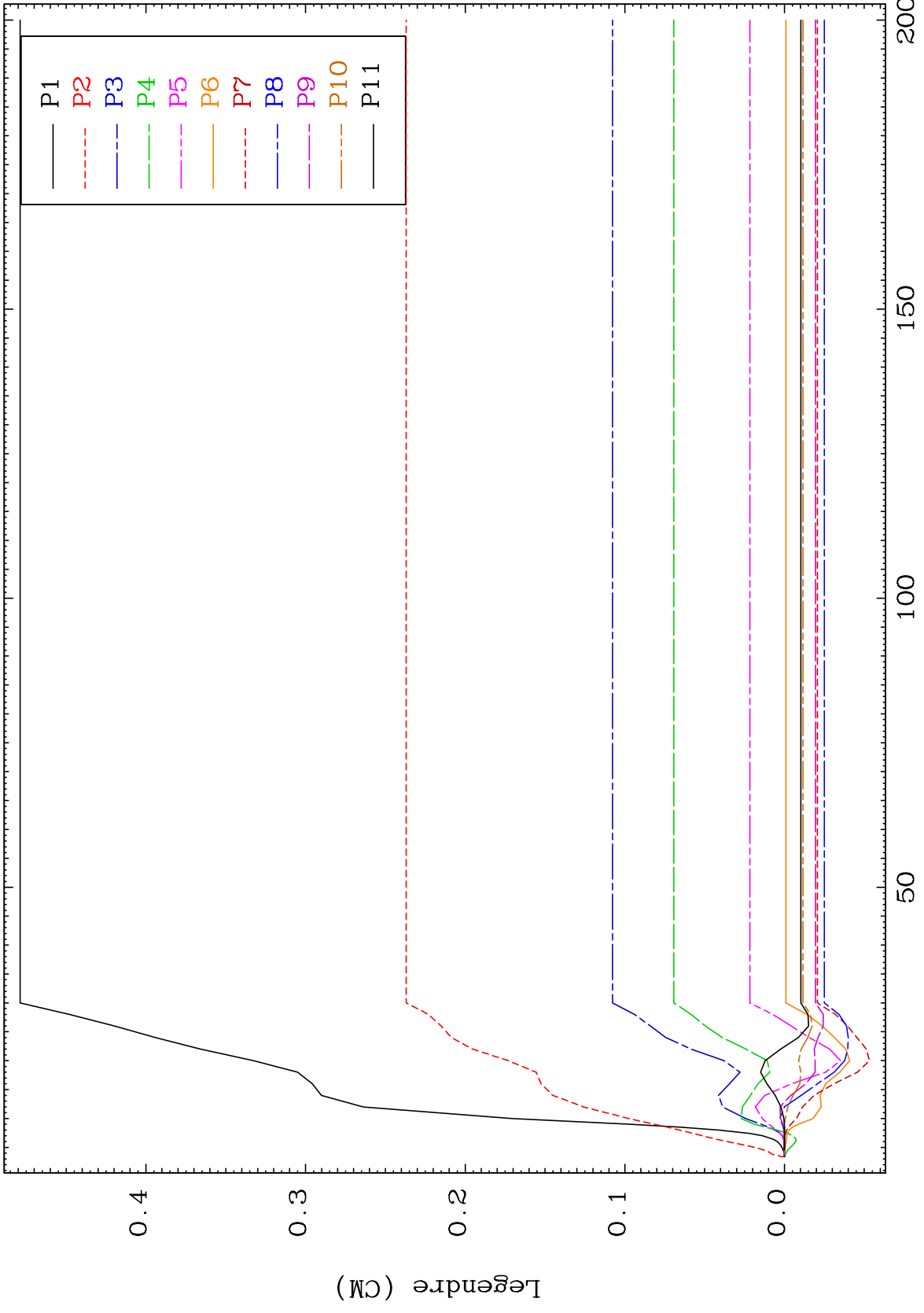


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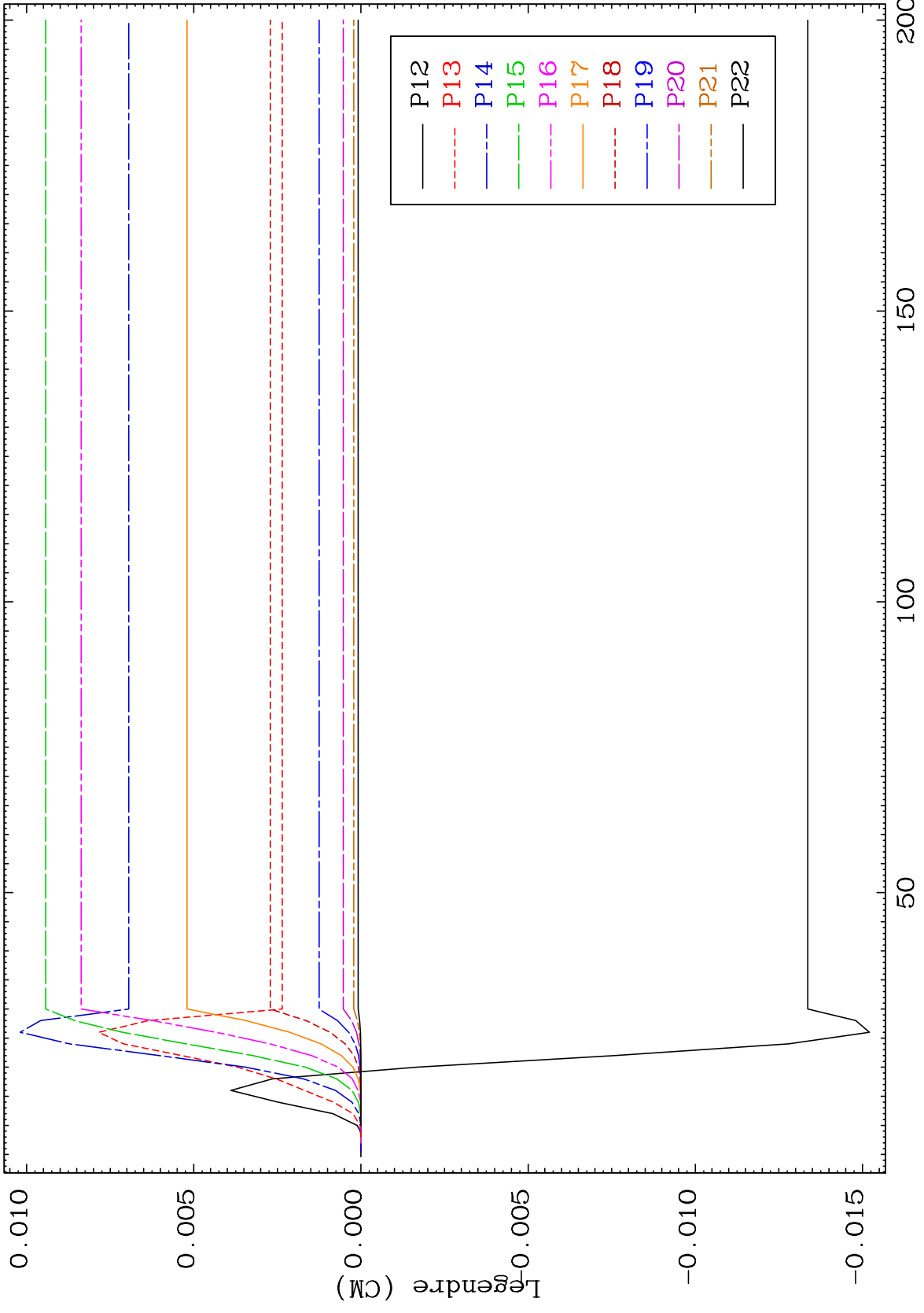
Incident Energy (MeV)

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



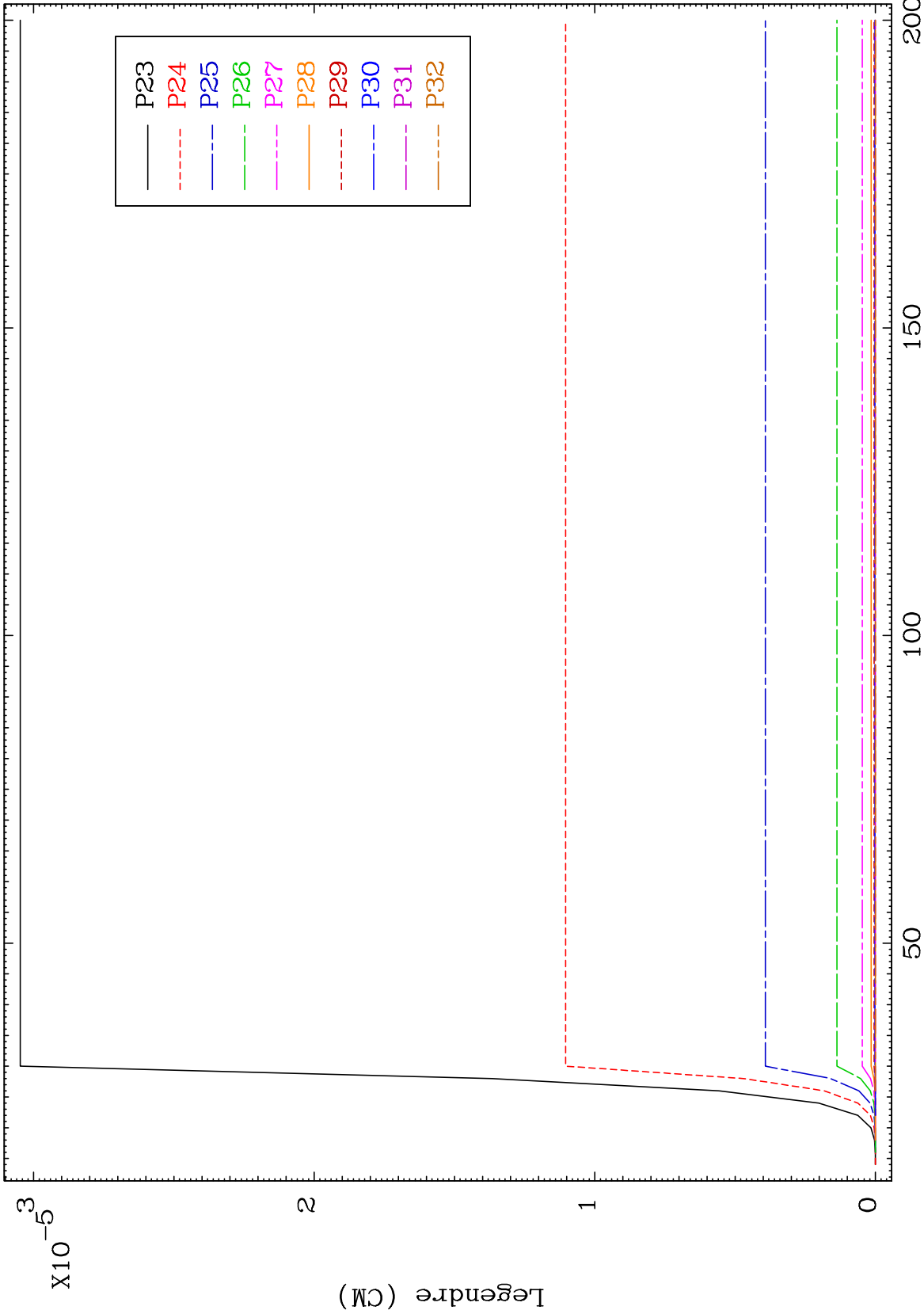
47 Incident Energy (MeV) 30-Zn-78



MAT 3067

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

30-Zn-78



48

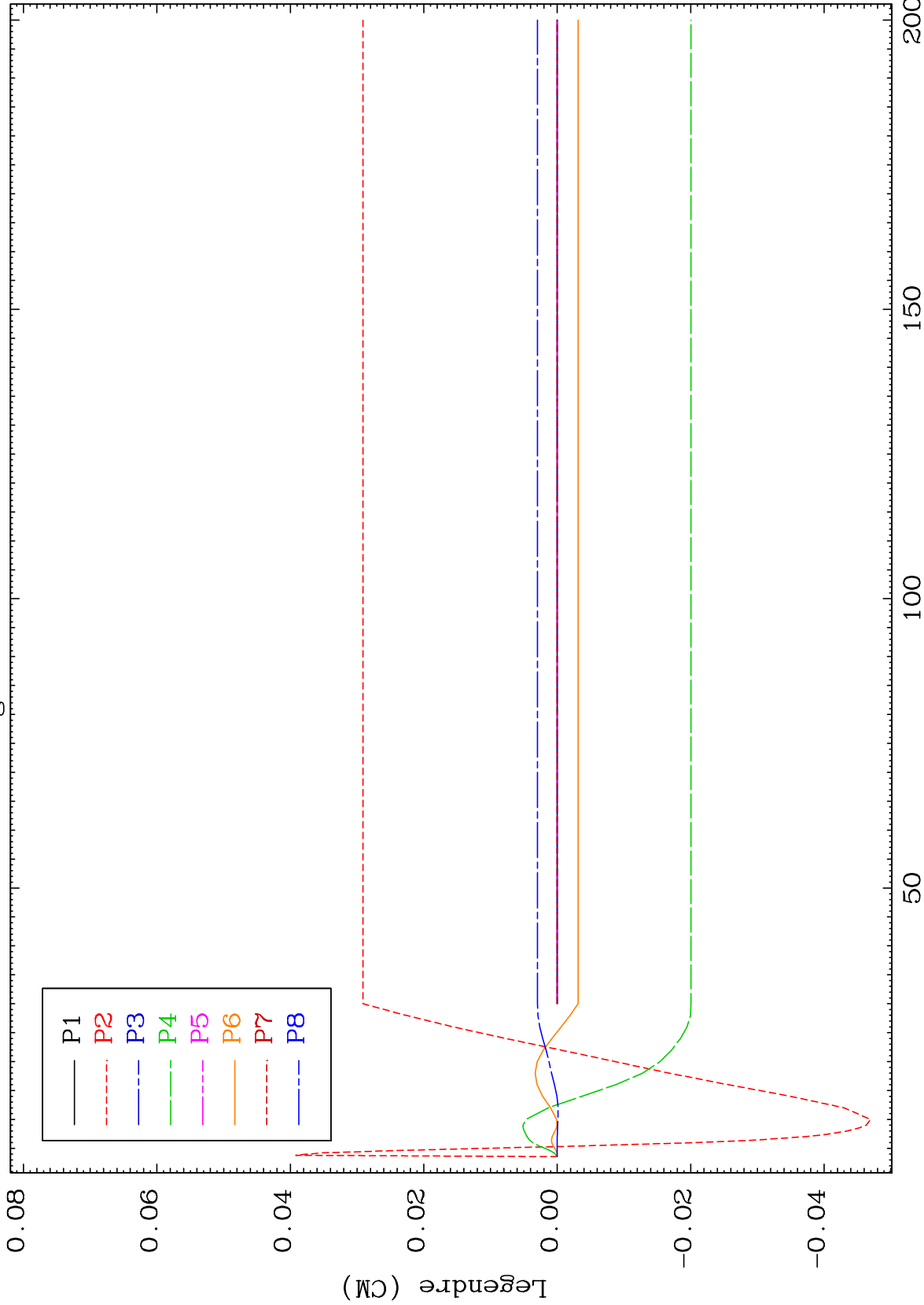
Incident Energy (MeV)

30-Zn-78

MAT 3067 MT= 60 (n,n') Level Legendre Coefficients

30-Zn-78

49



30-Zn-78

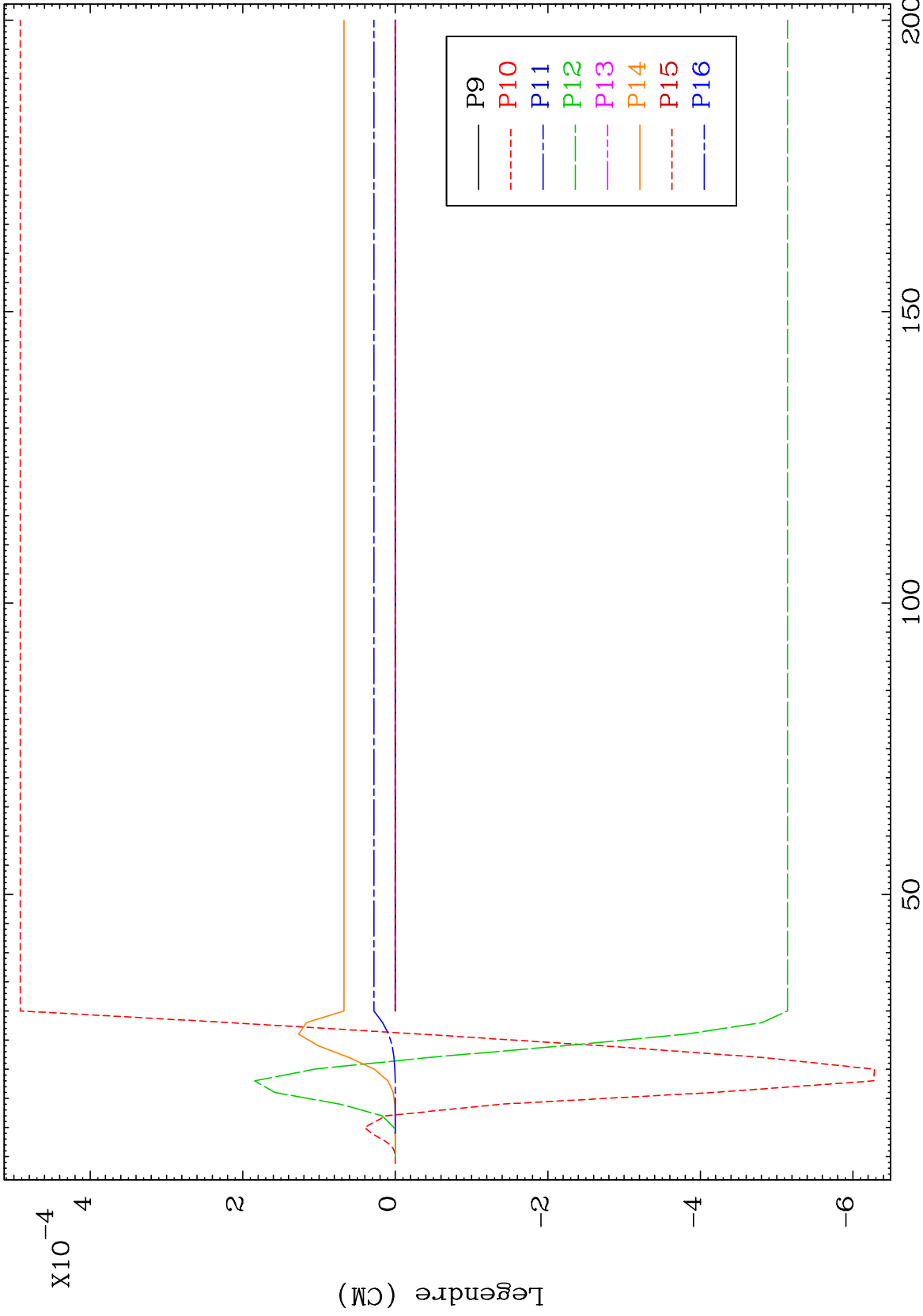
Incident Energy (MeV)

49

MAT 3067

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

30-Zn-78



50

Incident Energy (MeV)

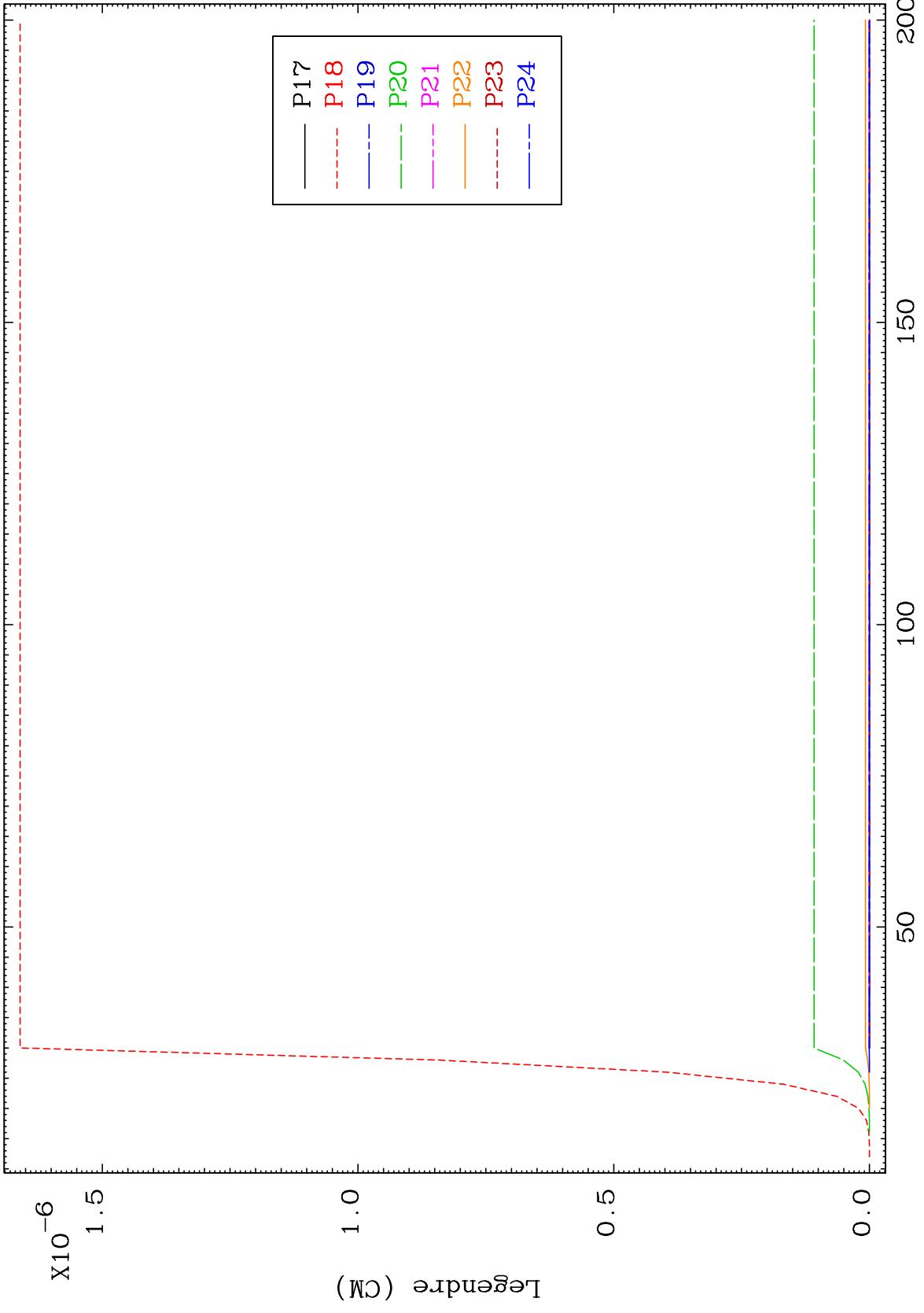
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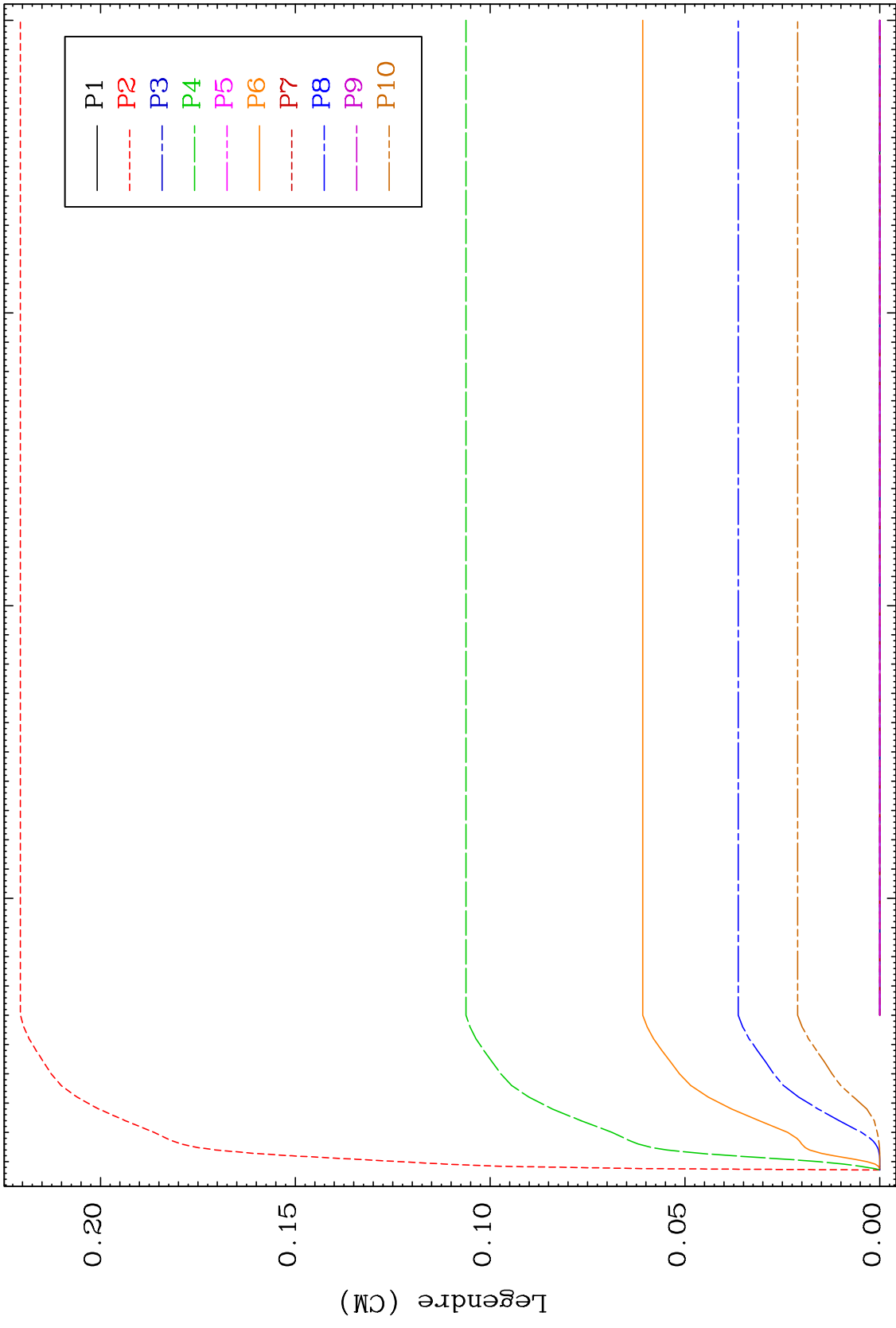
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30-Zn-78

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



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

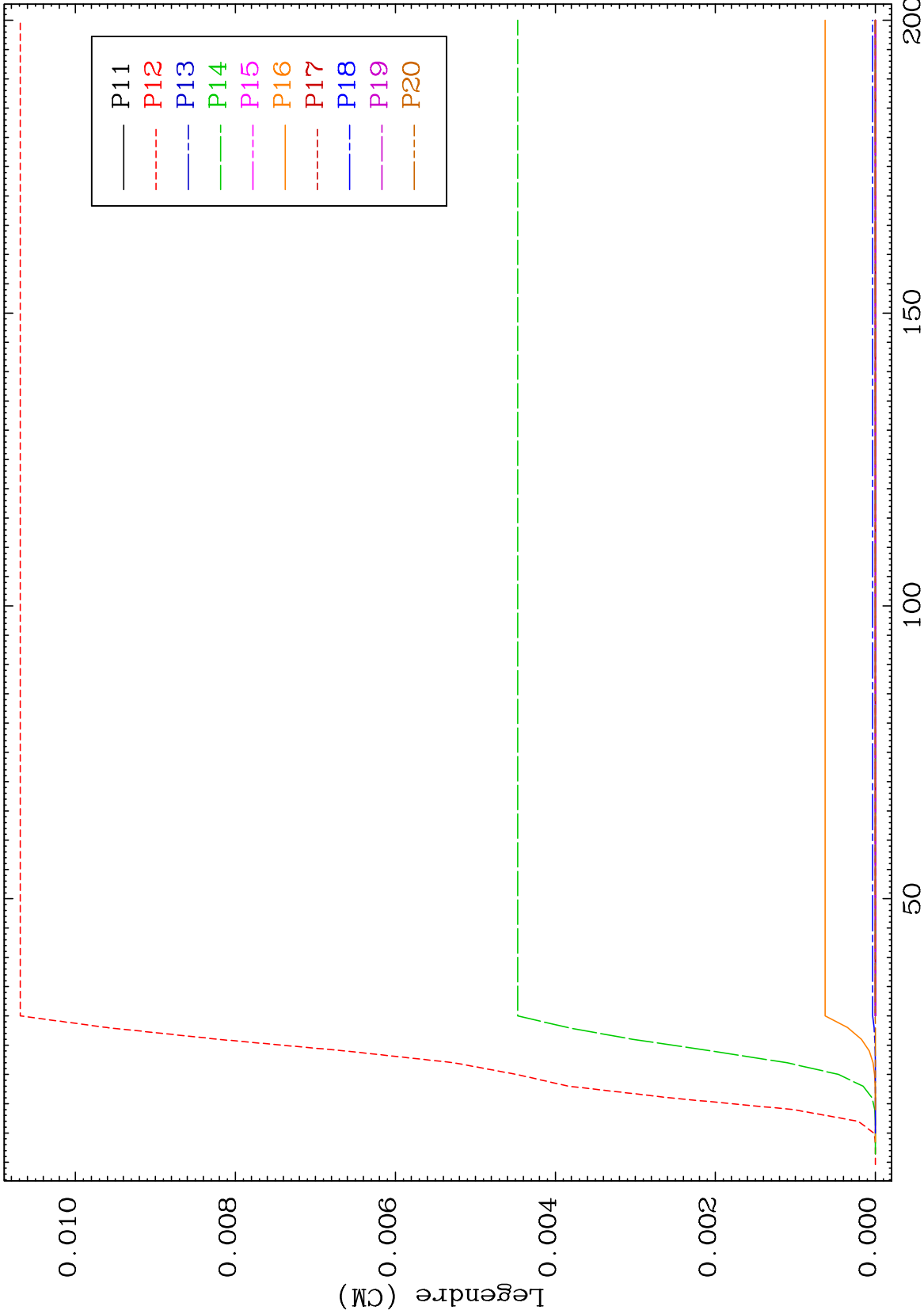


52 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78

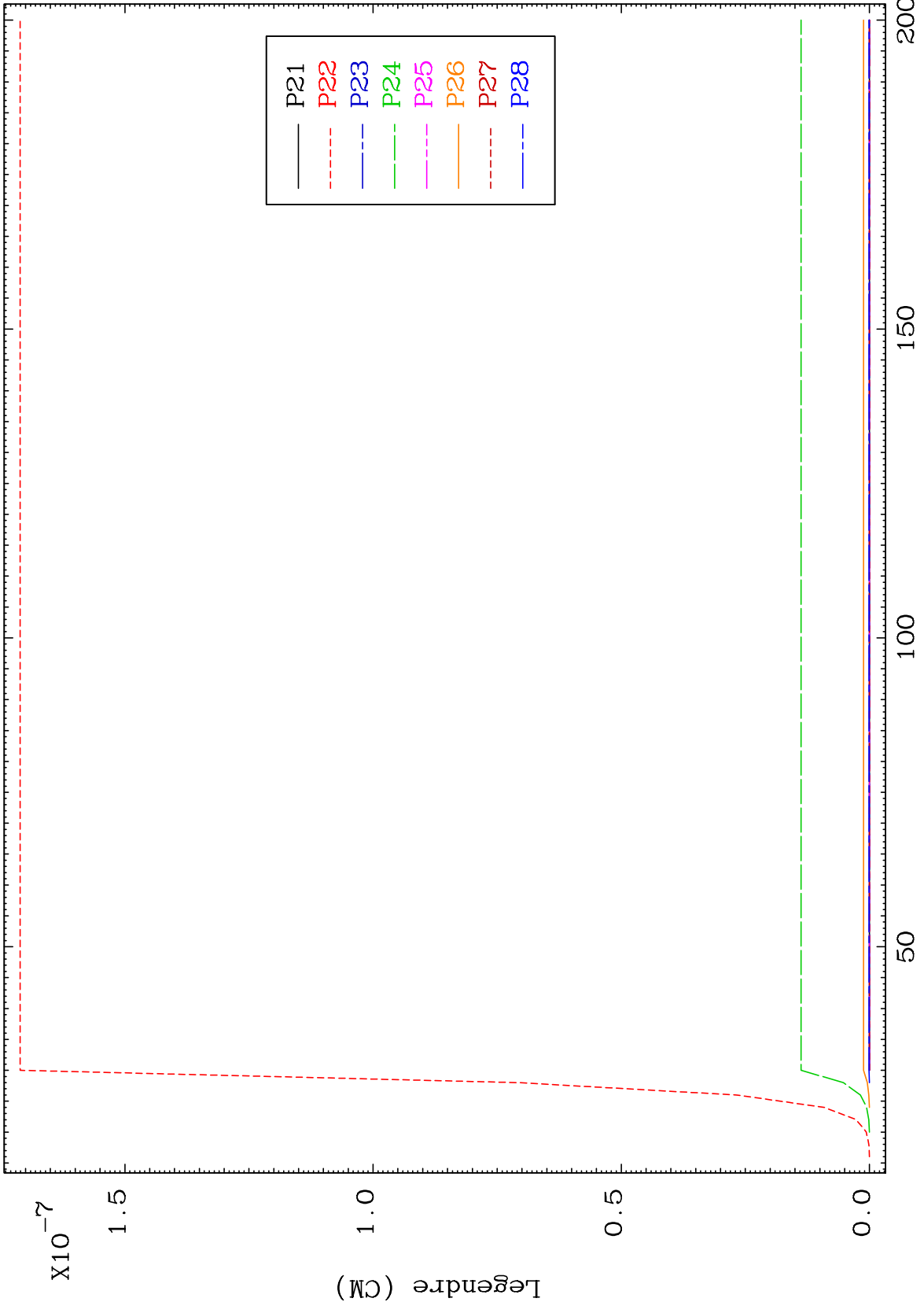


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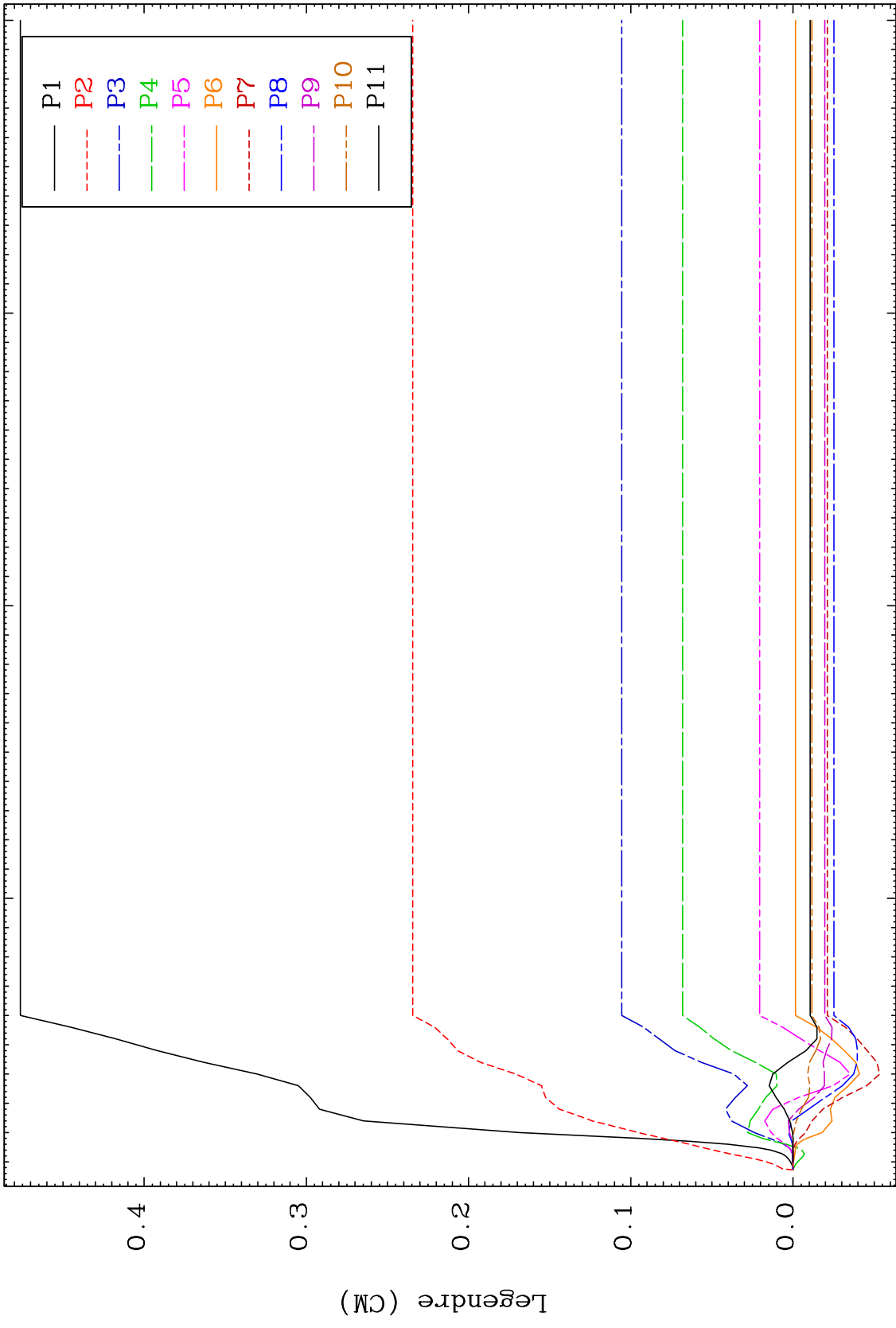
Incident Energy (MeV)

30-Zn-78

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



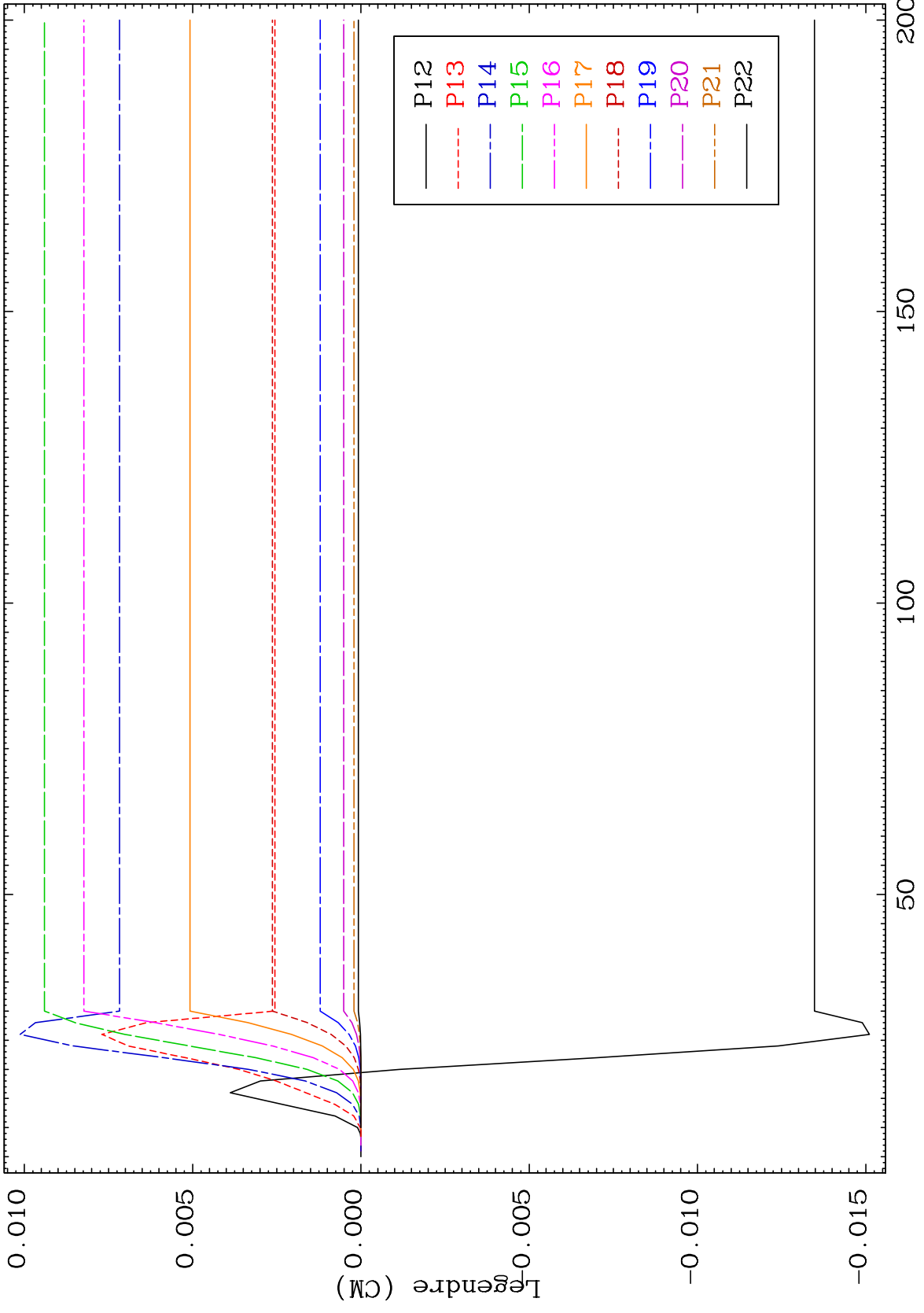
MAT 3067 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-78



55 Incident Energy (MeV) 30-Zn-78



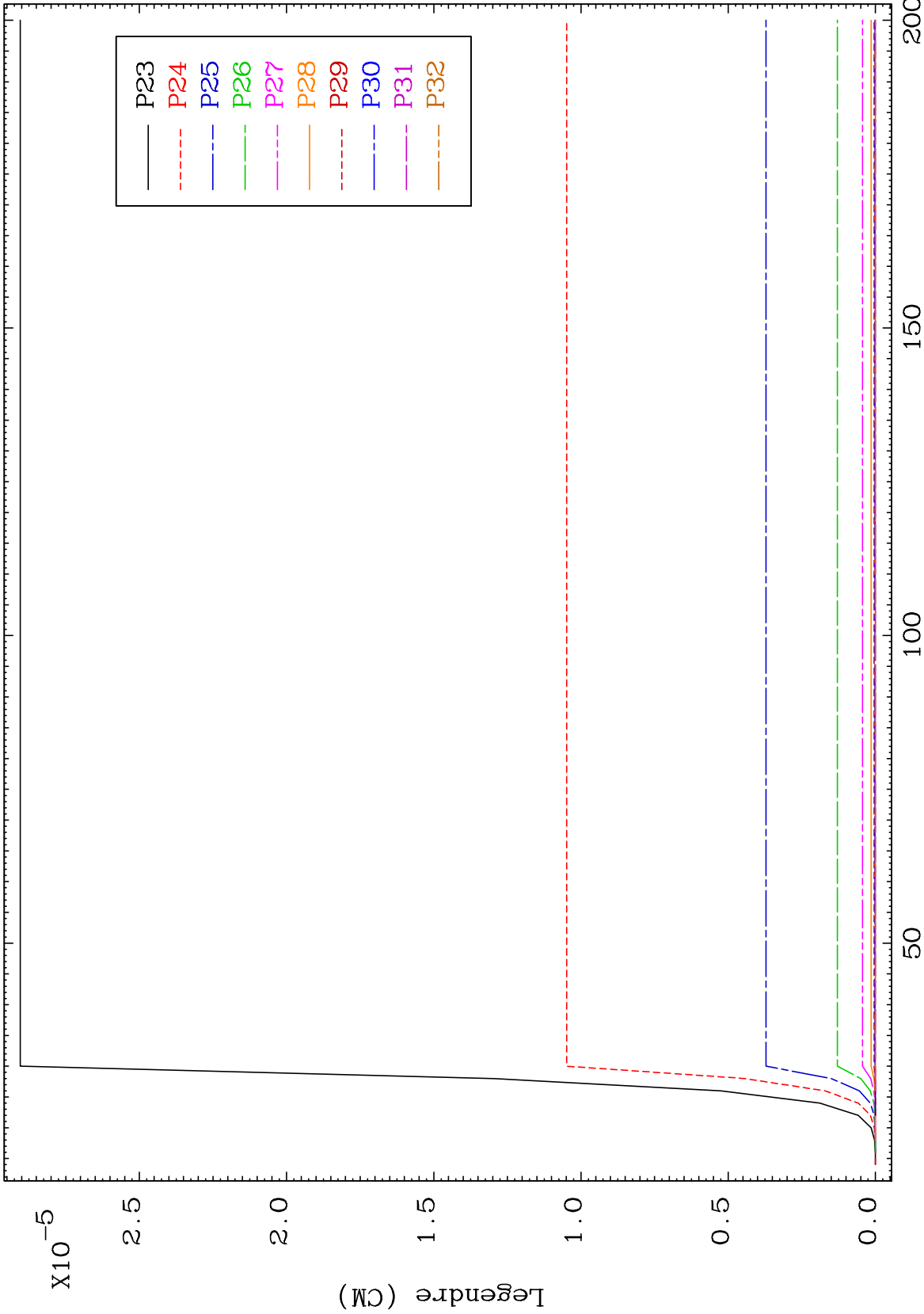
MAT 3067 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



57

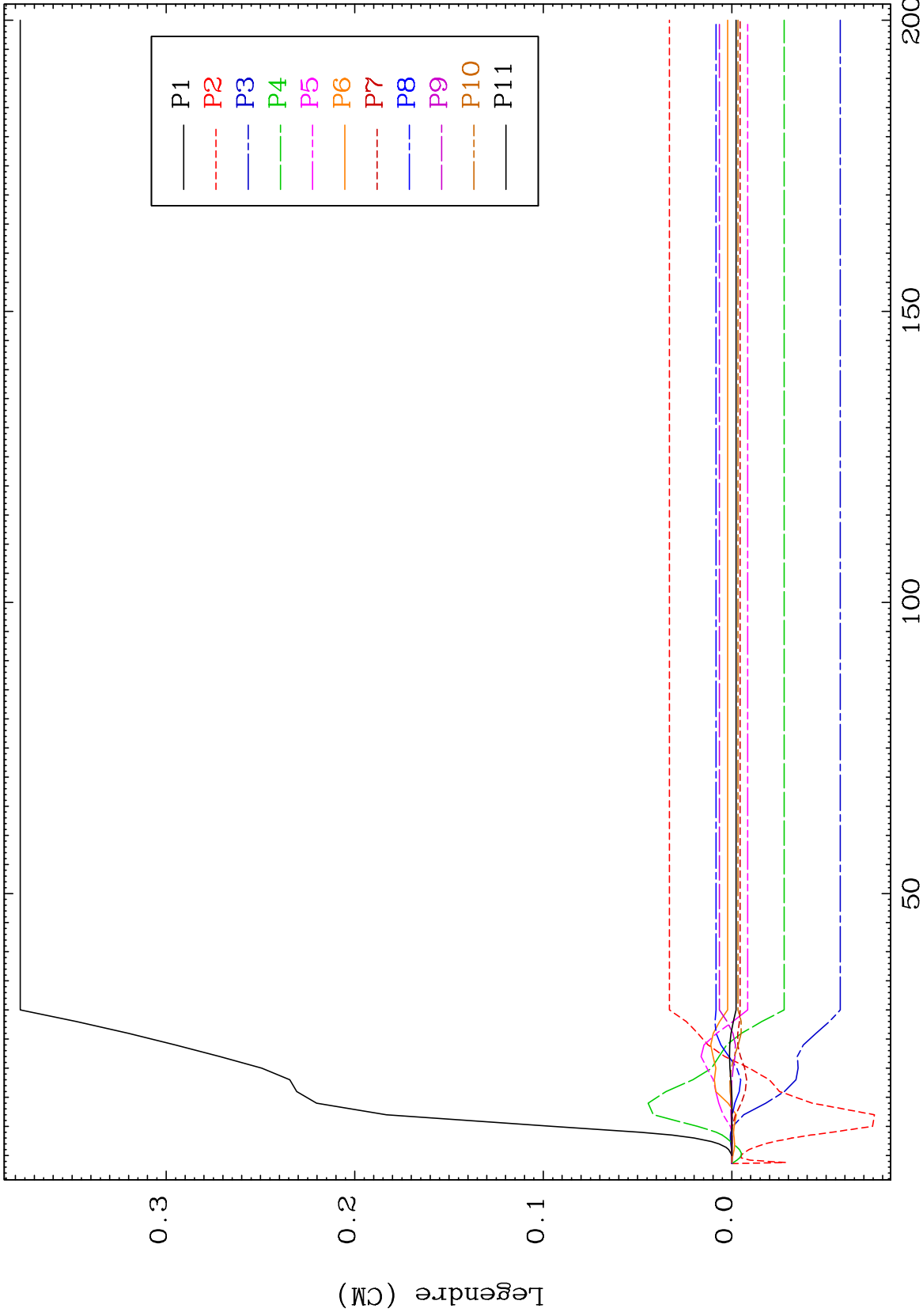
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



58

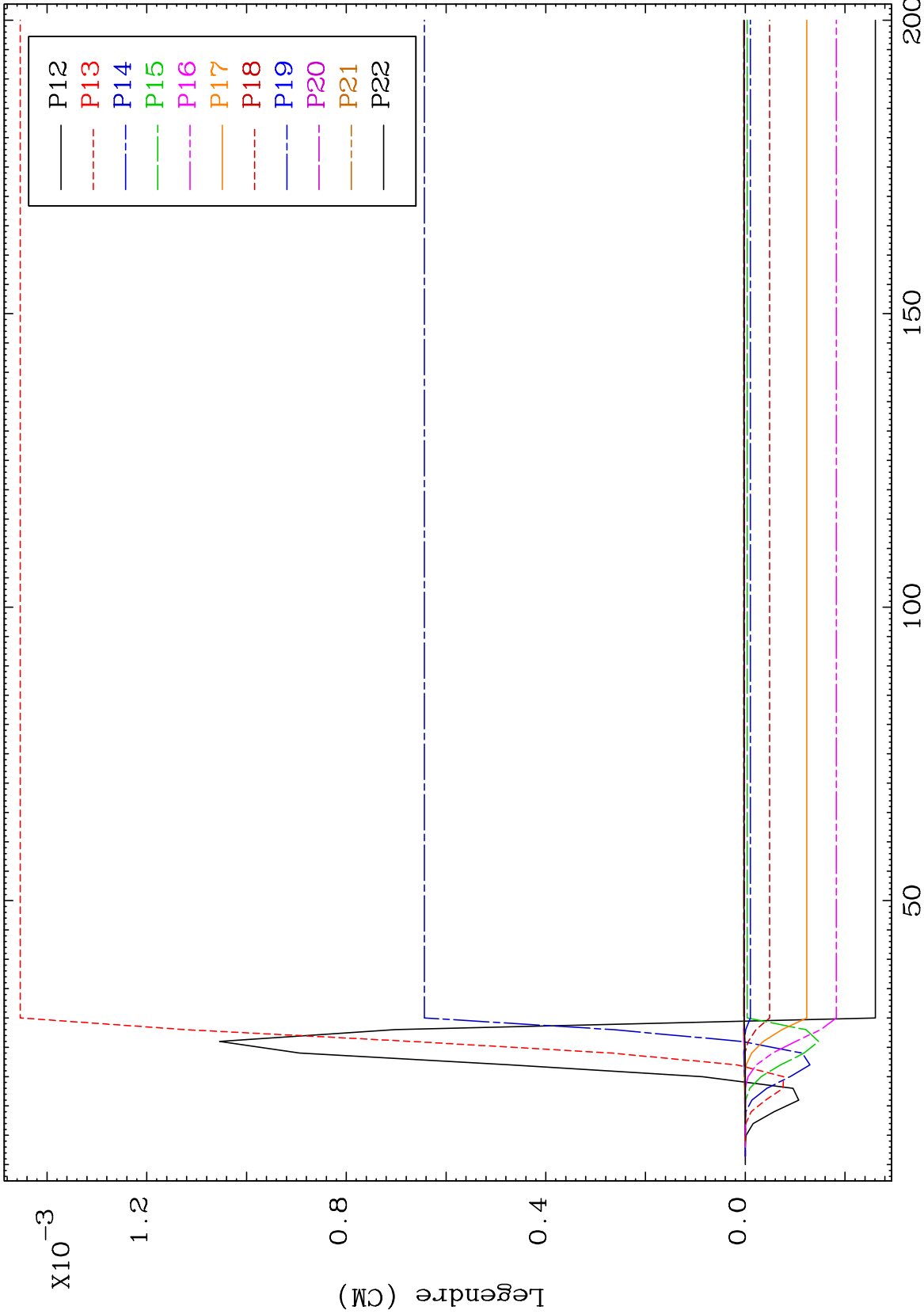
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



59

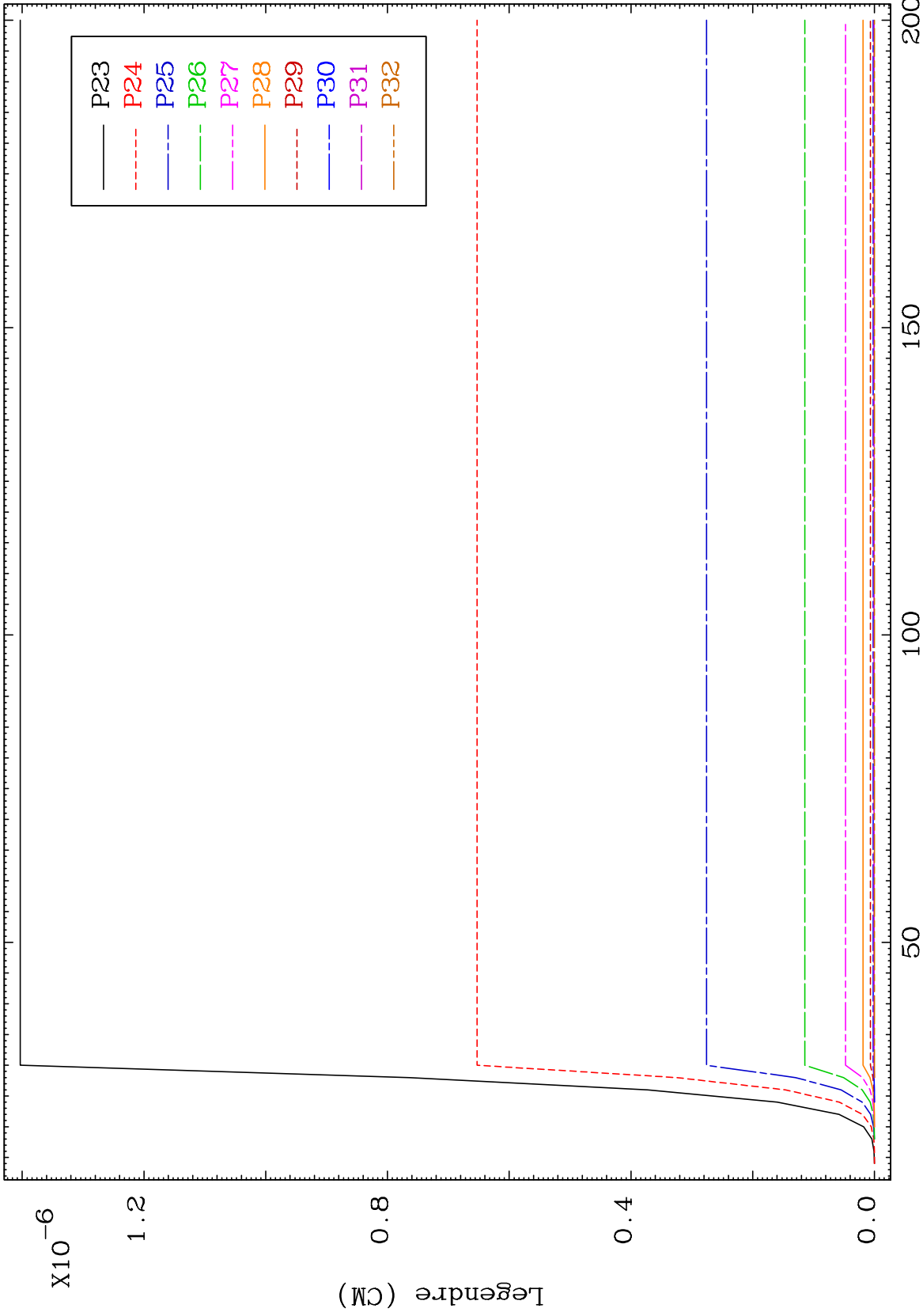
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



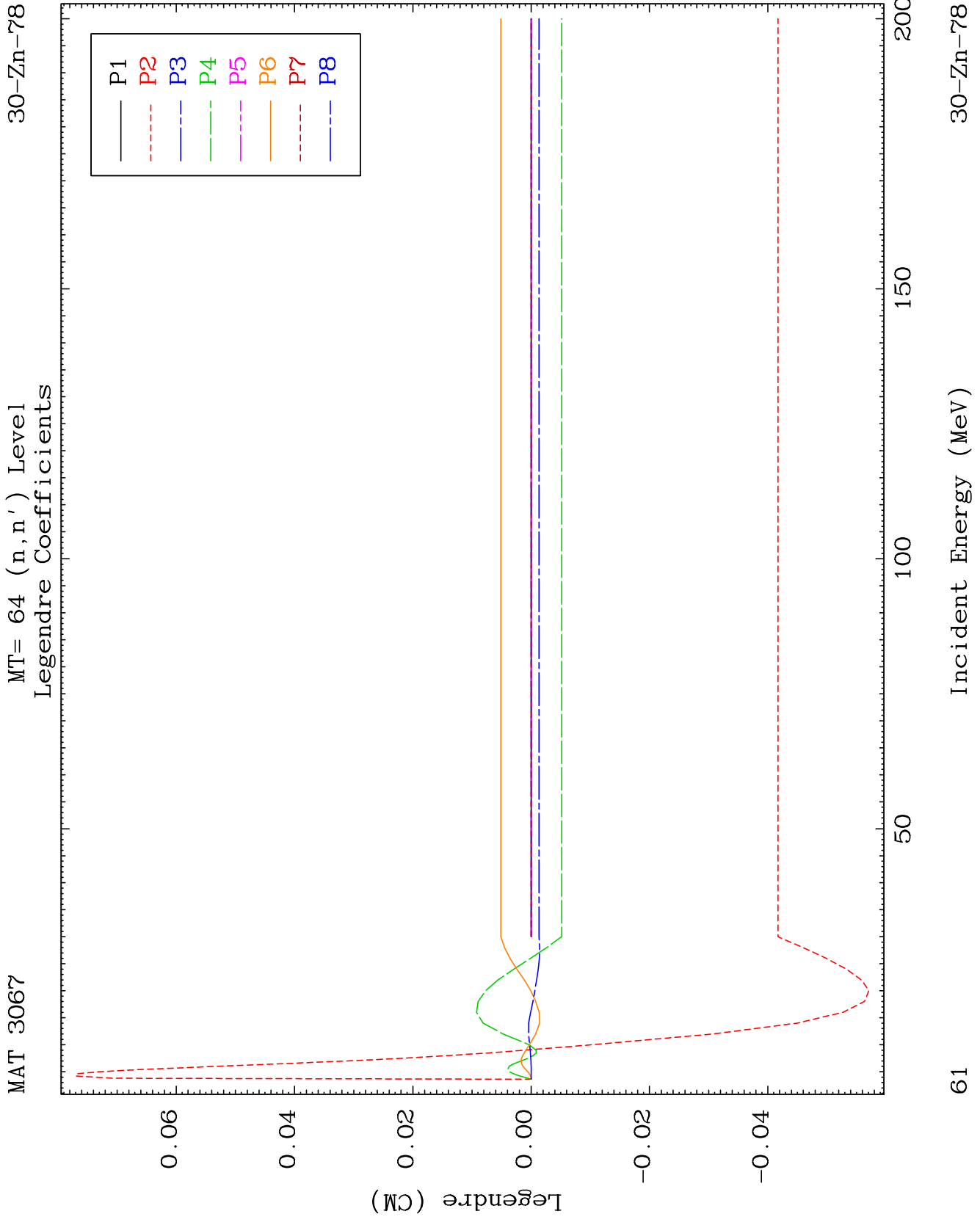
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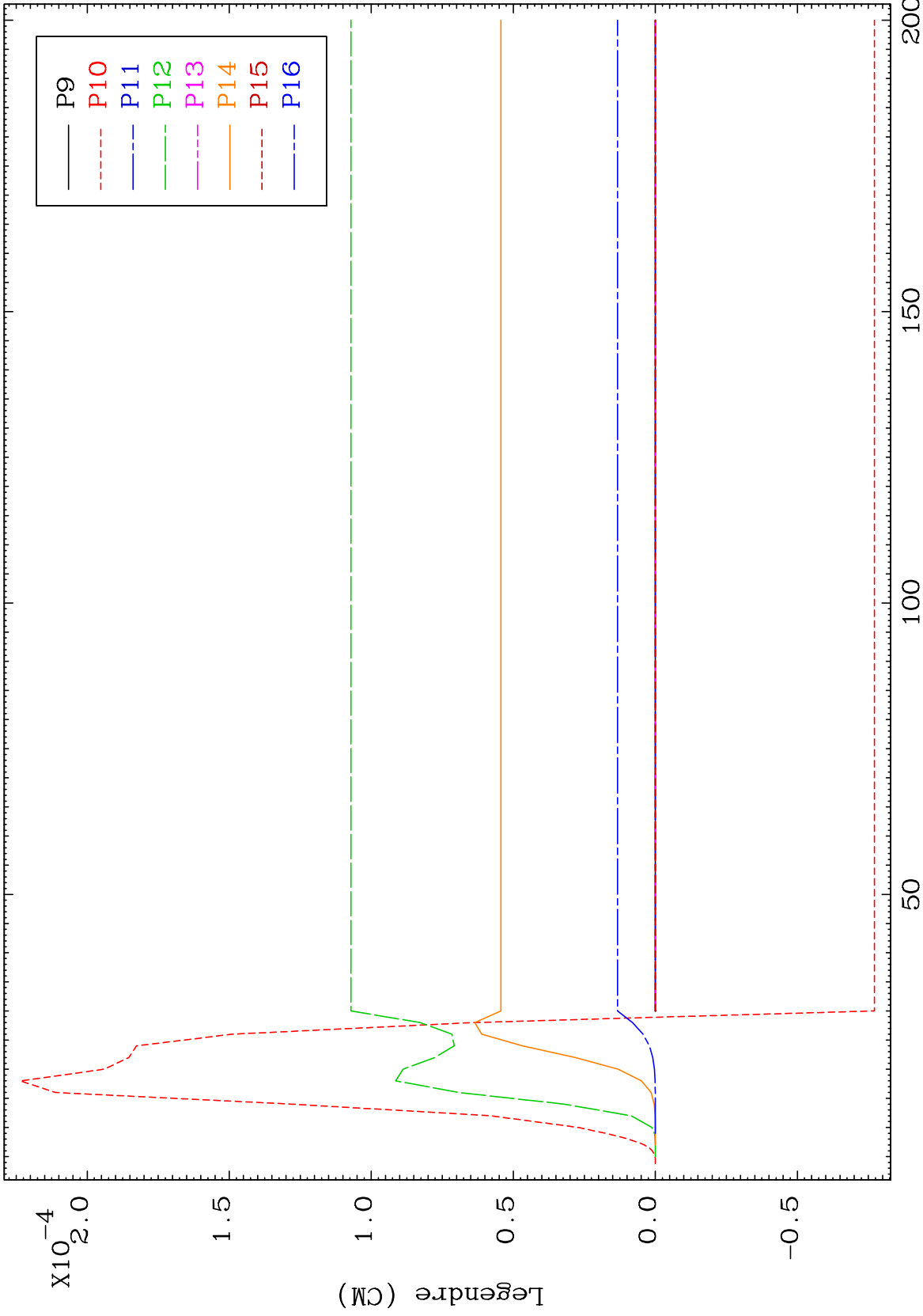
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MAT 3067

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

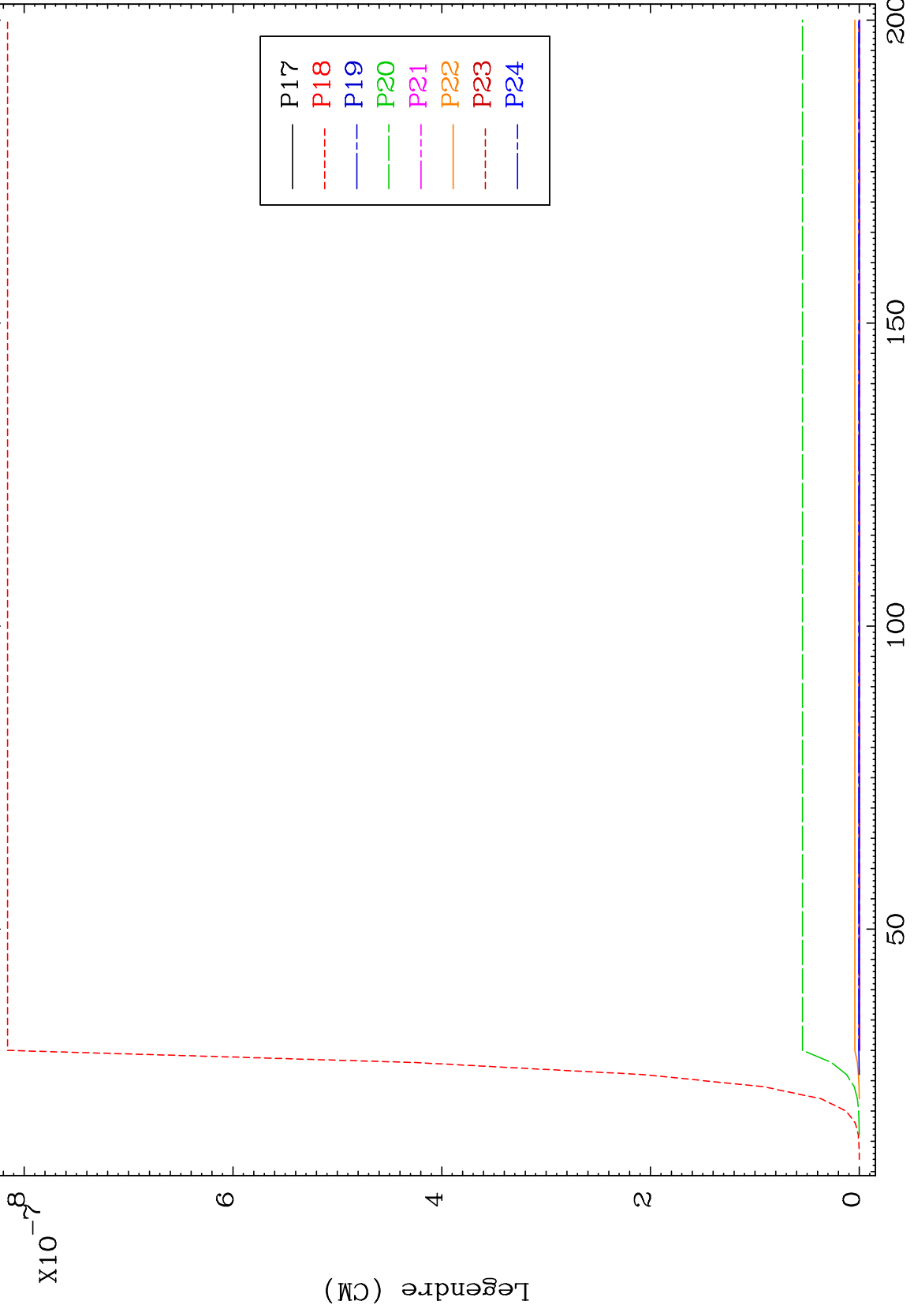
30-Zn-78



62

30-Zn-78

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



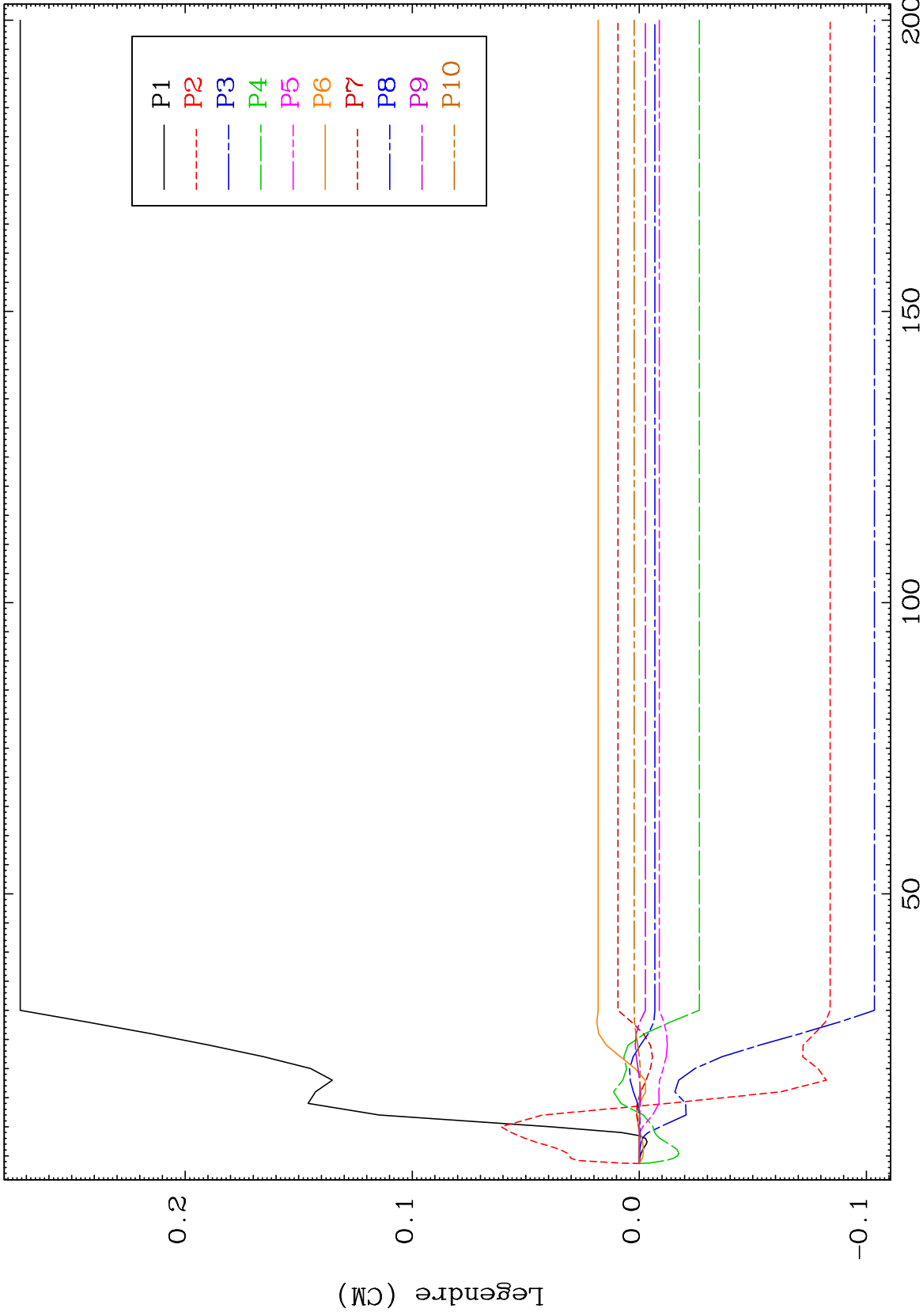
63 Incident Energy (MeV) 30-Zn-78



MAT 3067

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

30-Zn-78



64

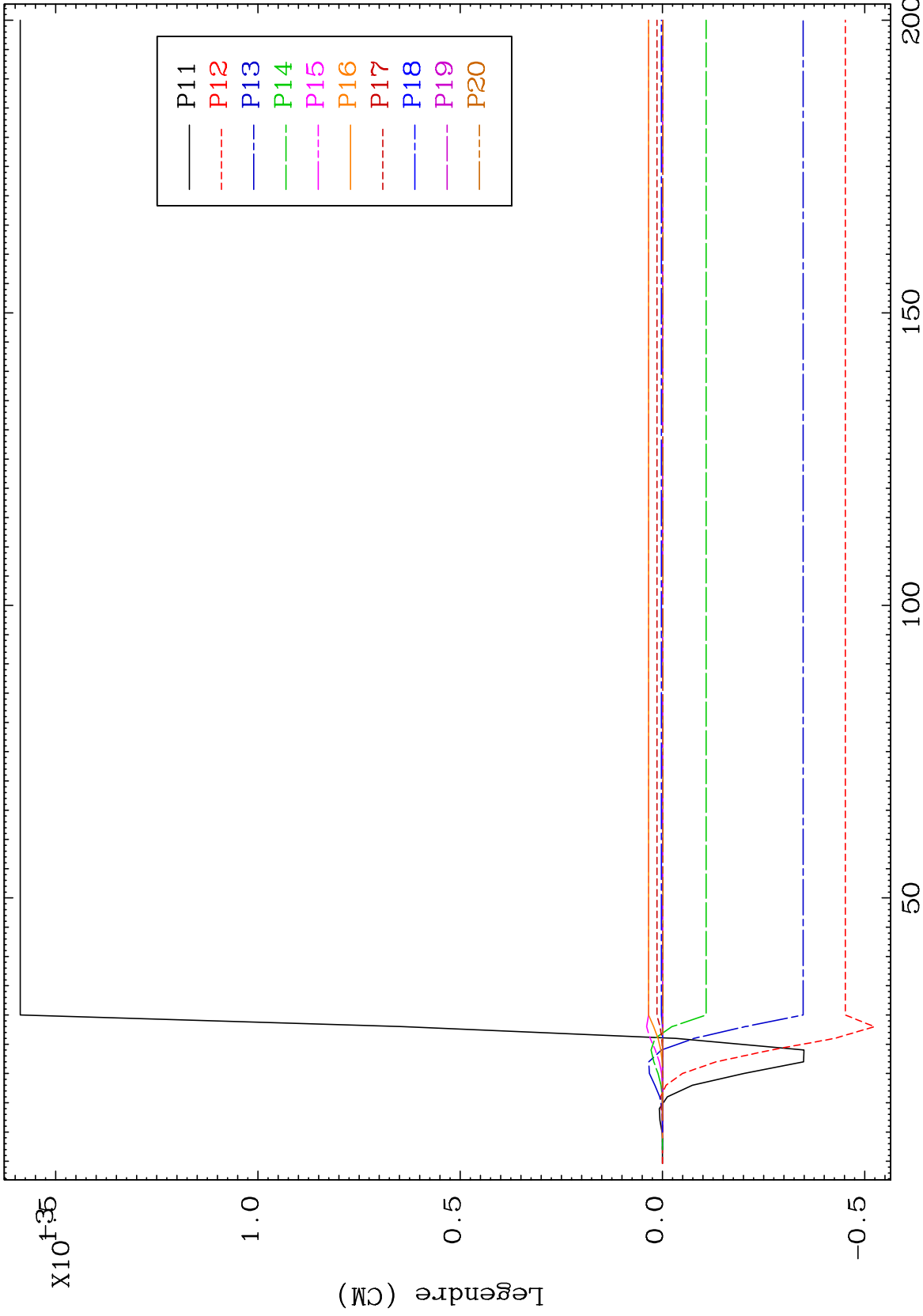
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

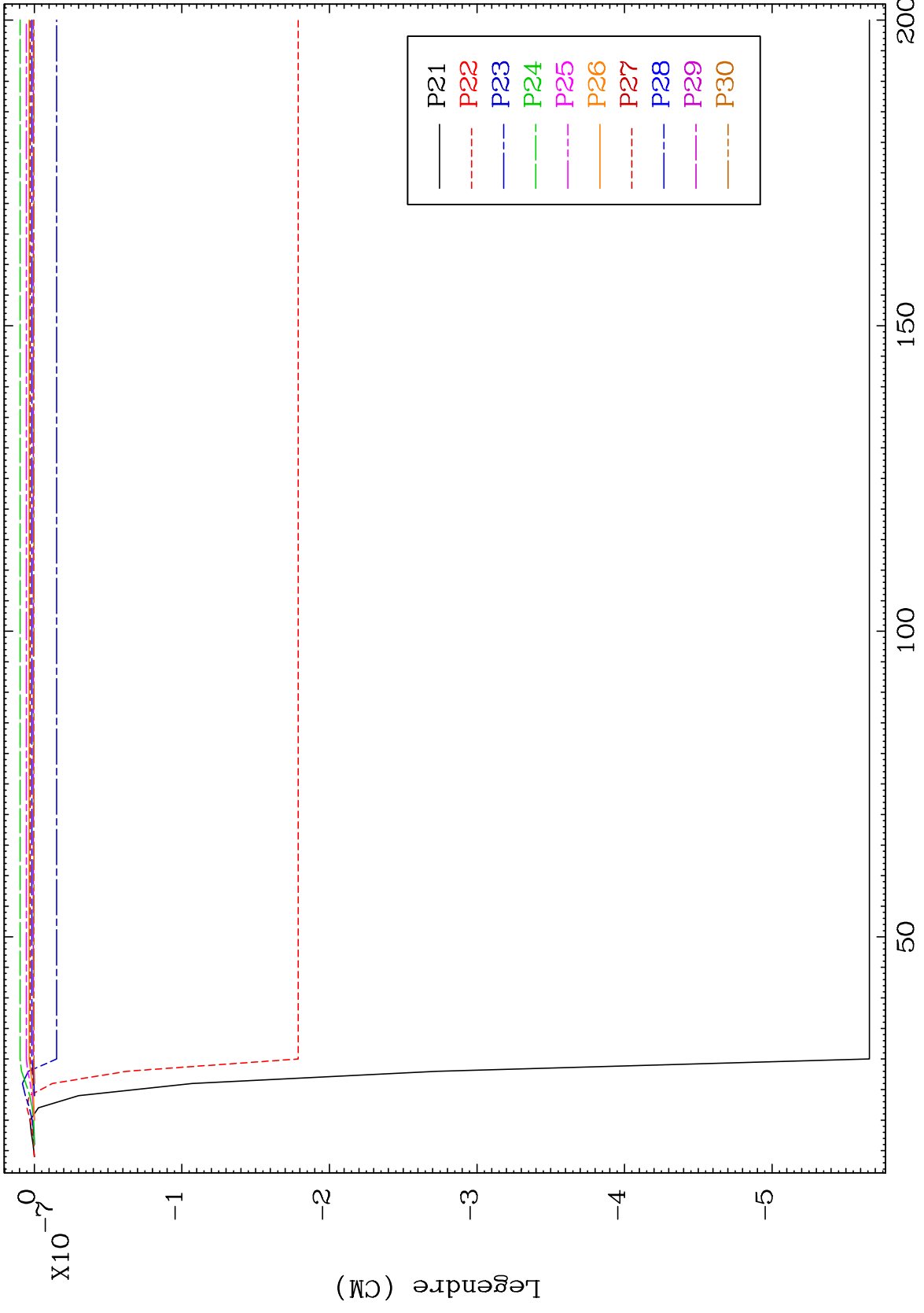


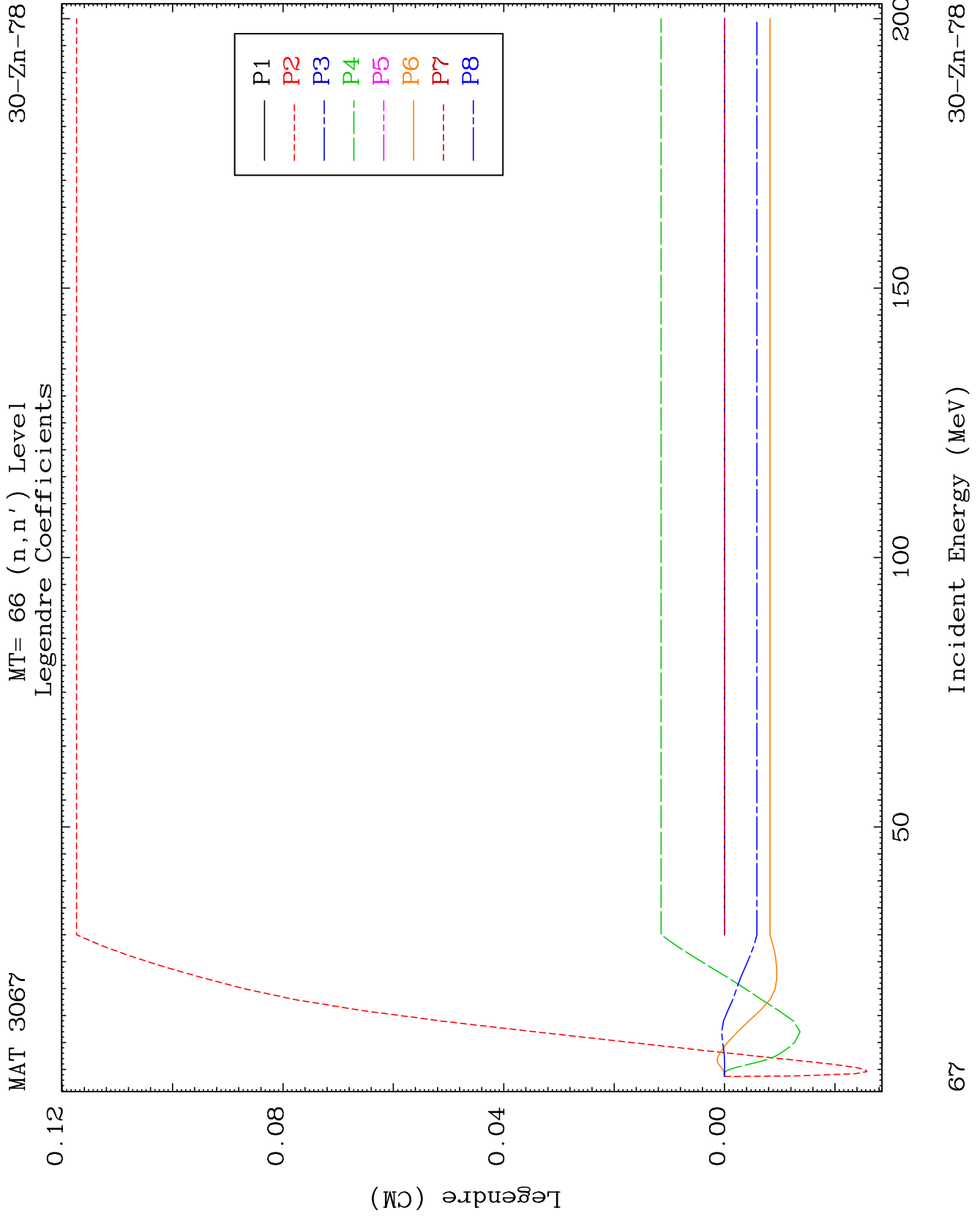
65

Incident Energy (MeV)

30-Zn-78

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

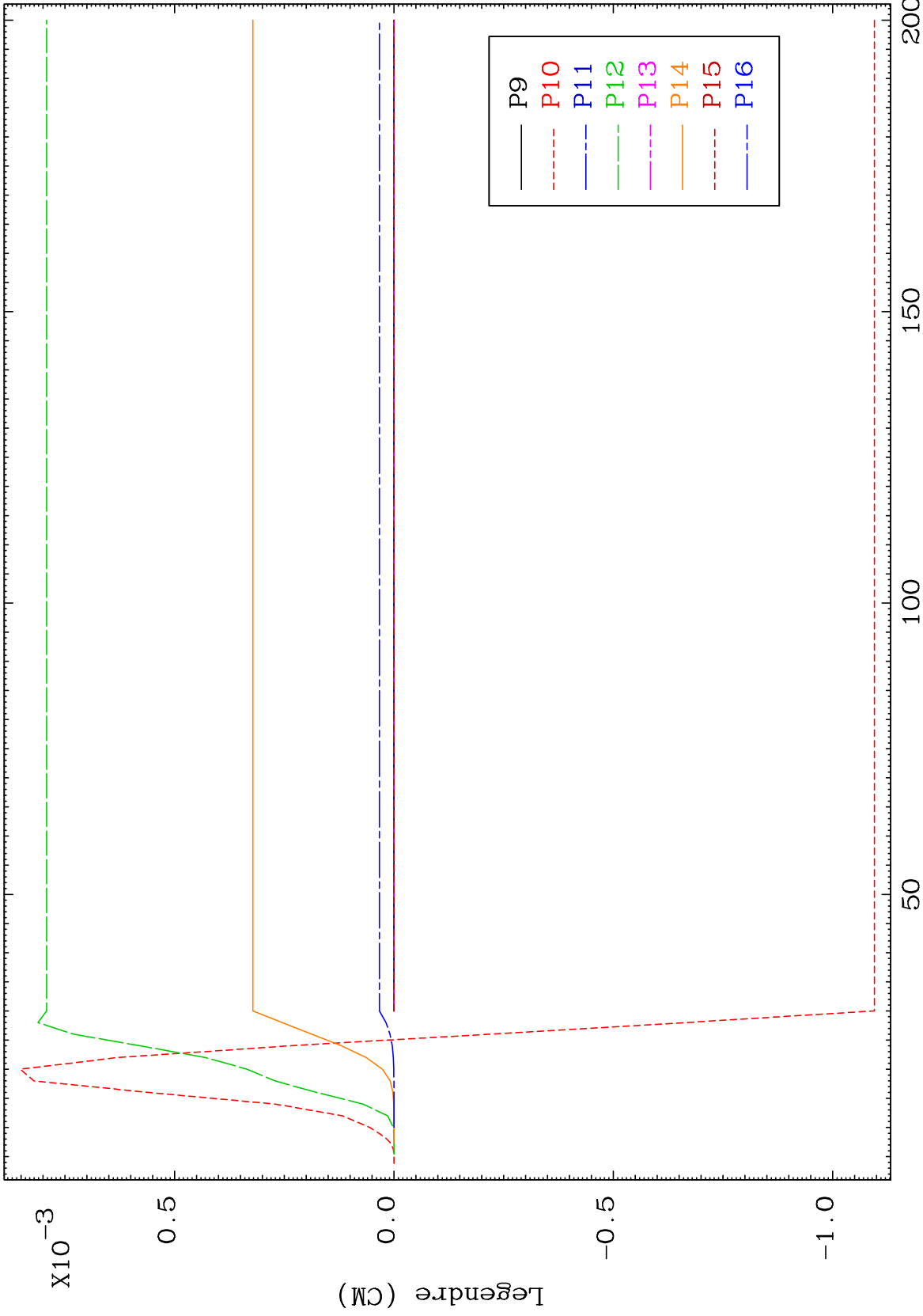




MAT 3067

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

30-Zn-78

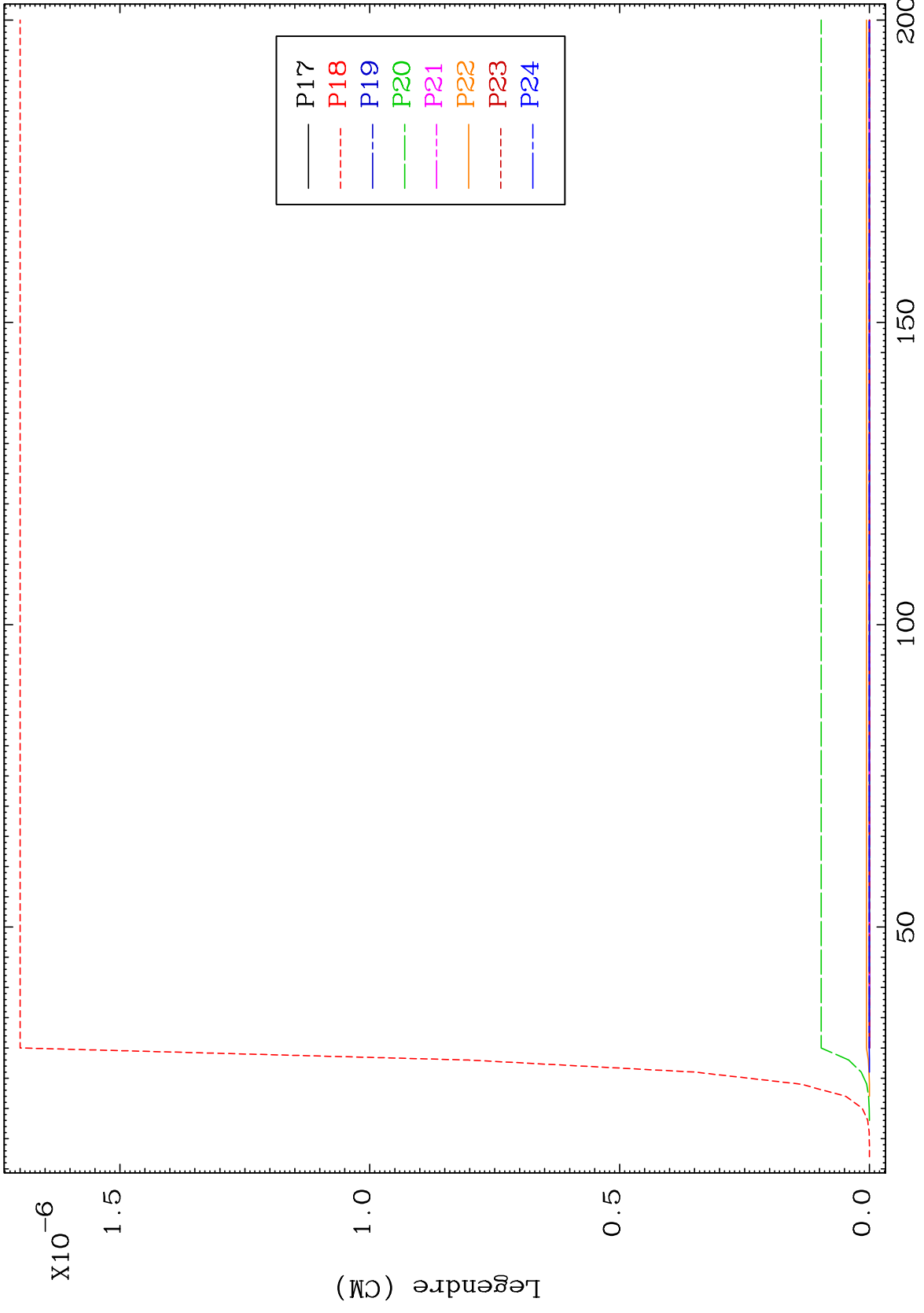


68

Incident Energy (MeV)

30-Zn-78

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

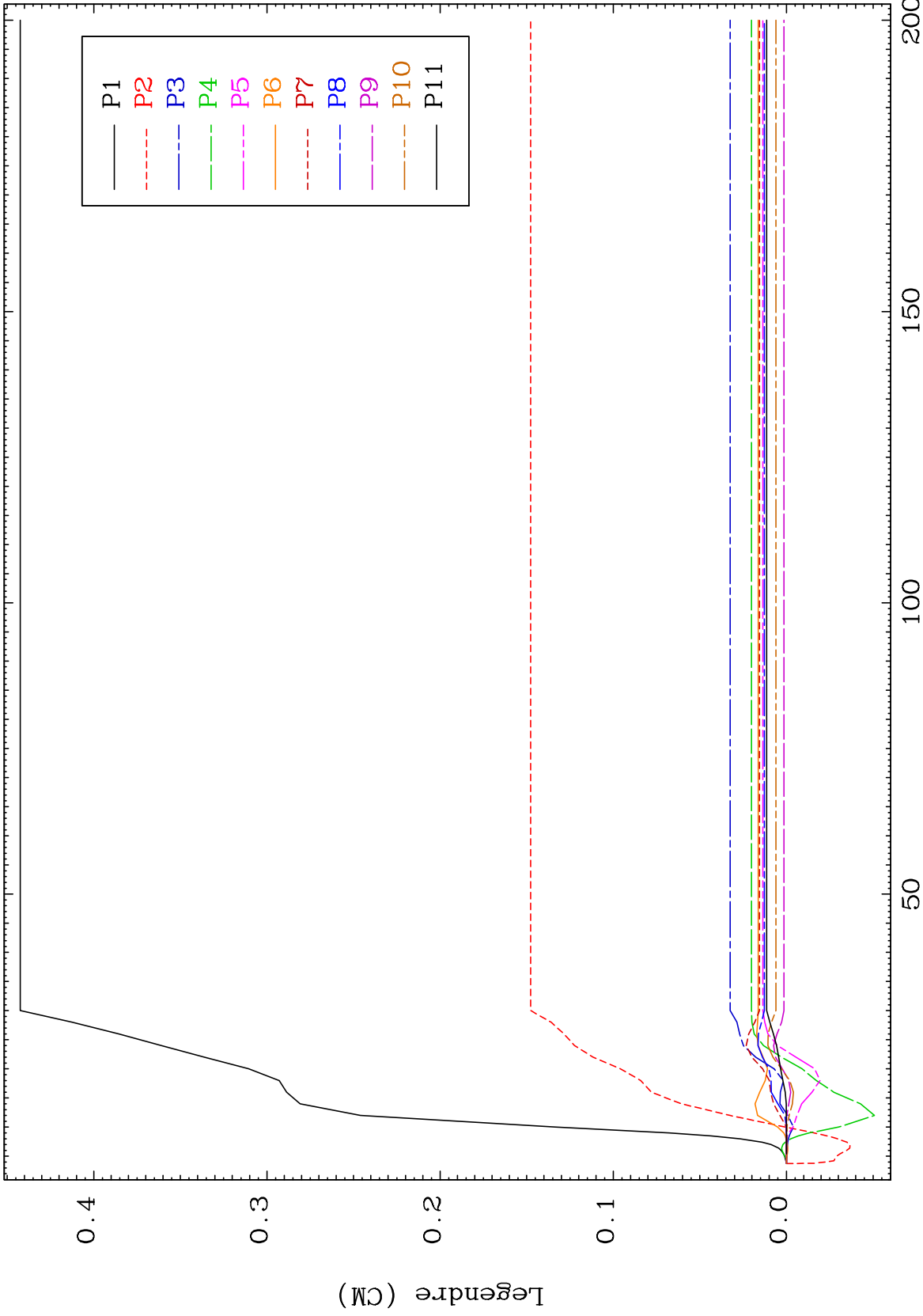


69 30-Zn-78

MAT 3067

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

30-Zn-78



70

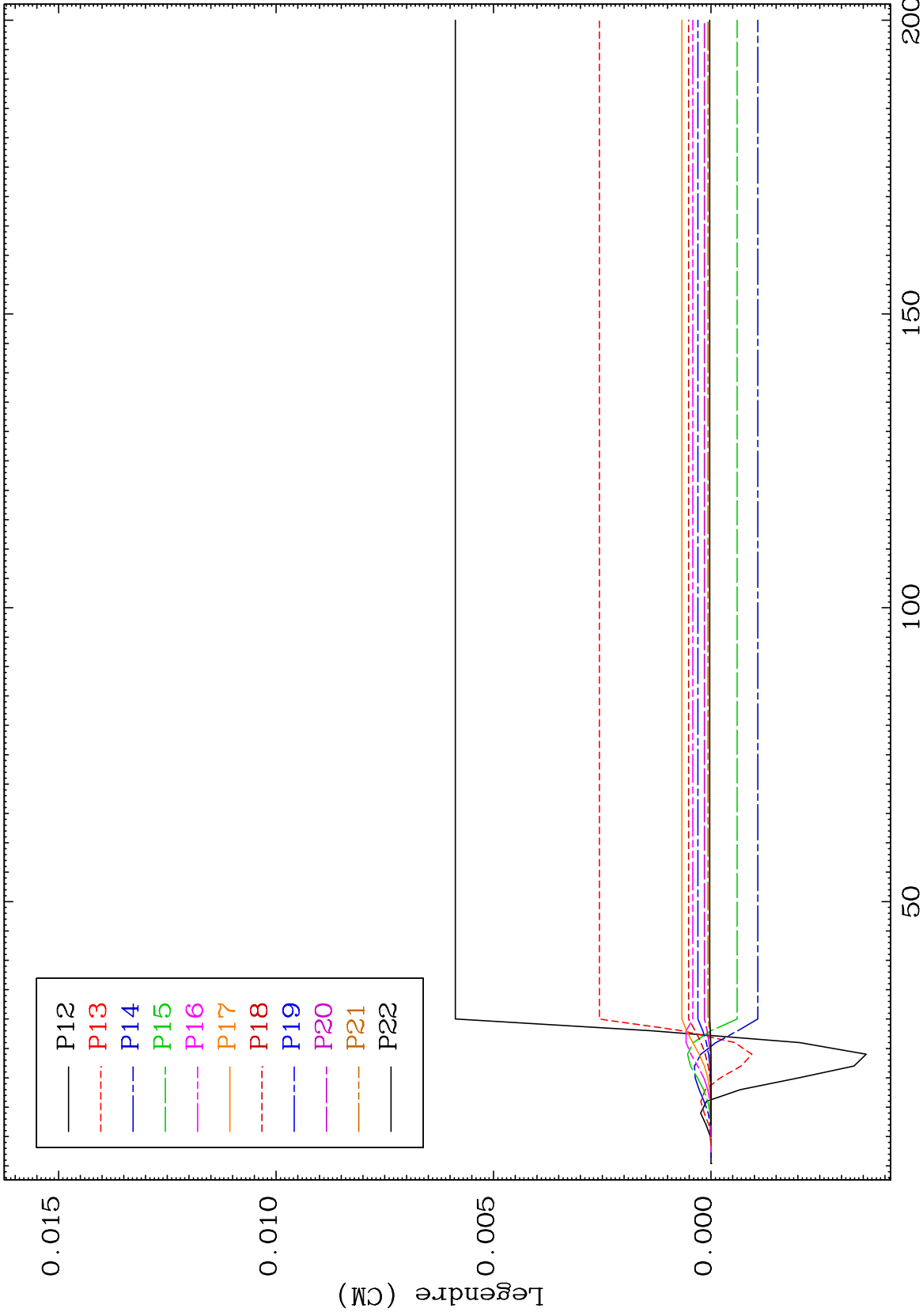
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



71

Incident Energy (MeV)

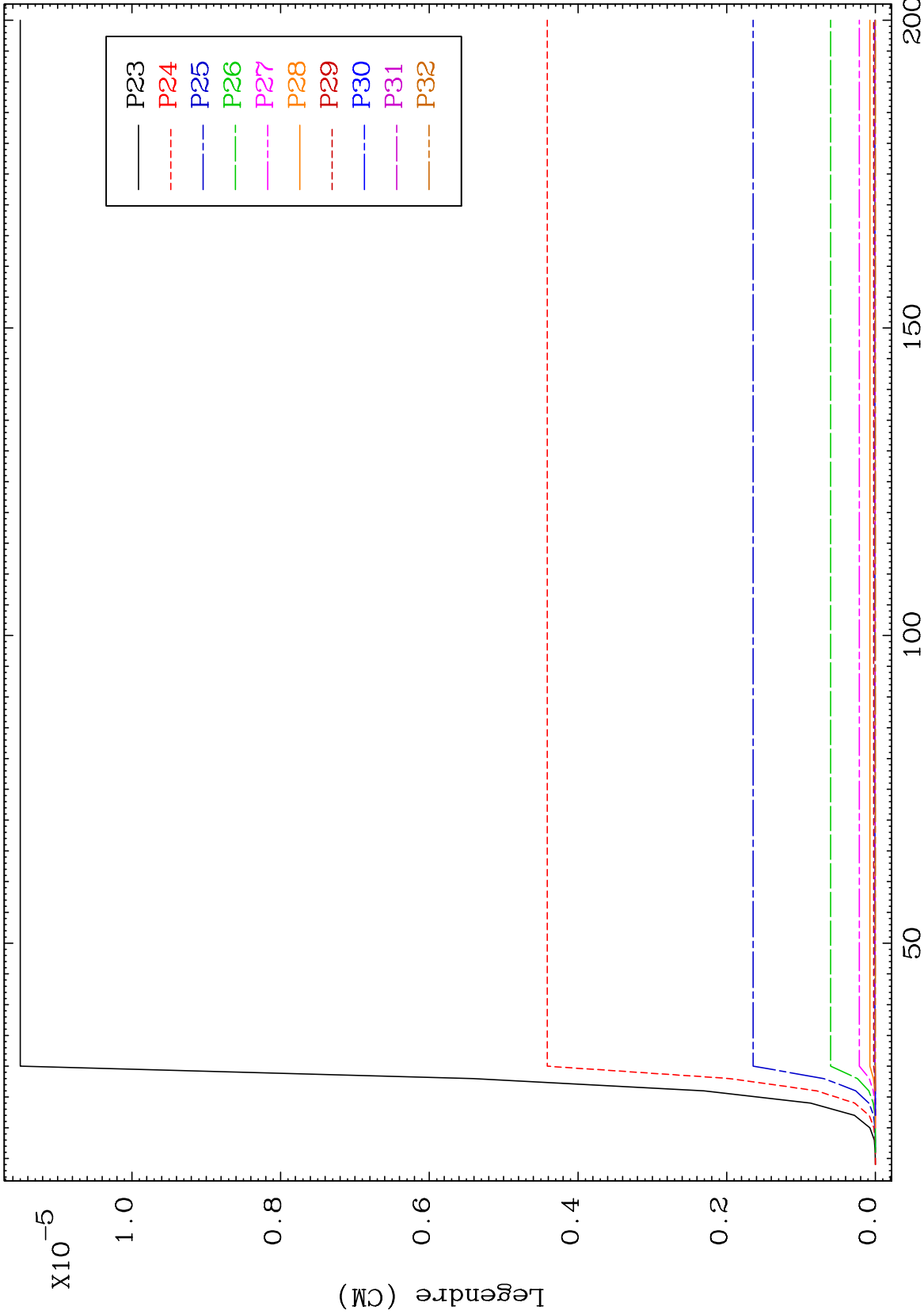
30-Zn-78



MAT 3067

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

30-Zn-78



72

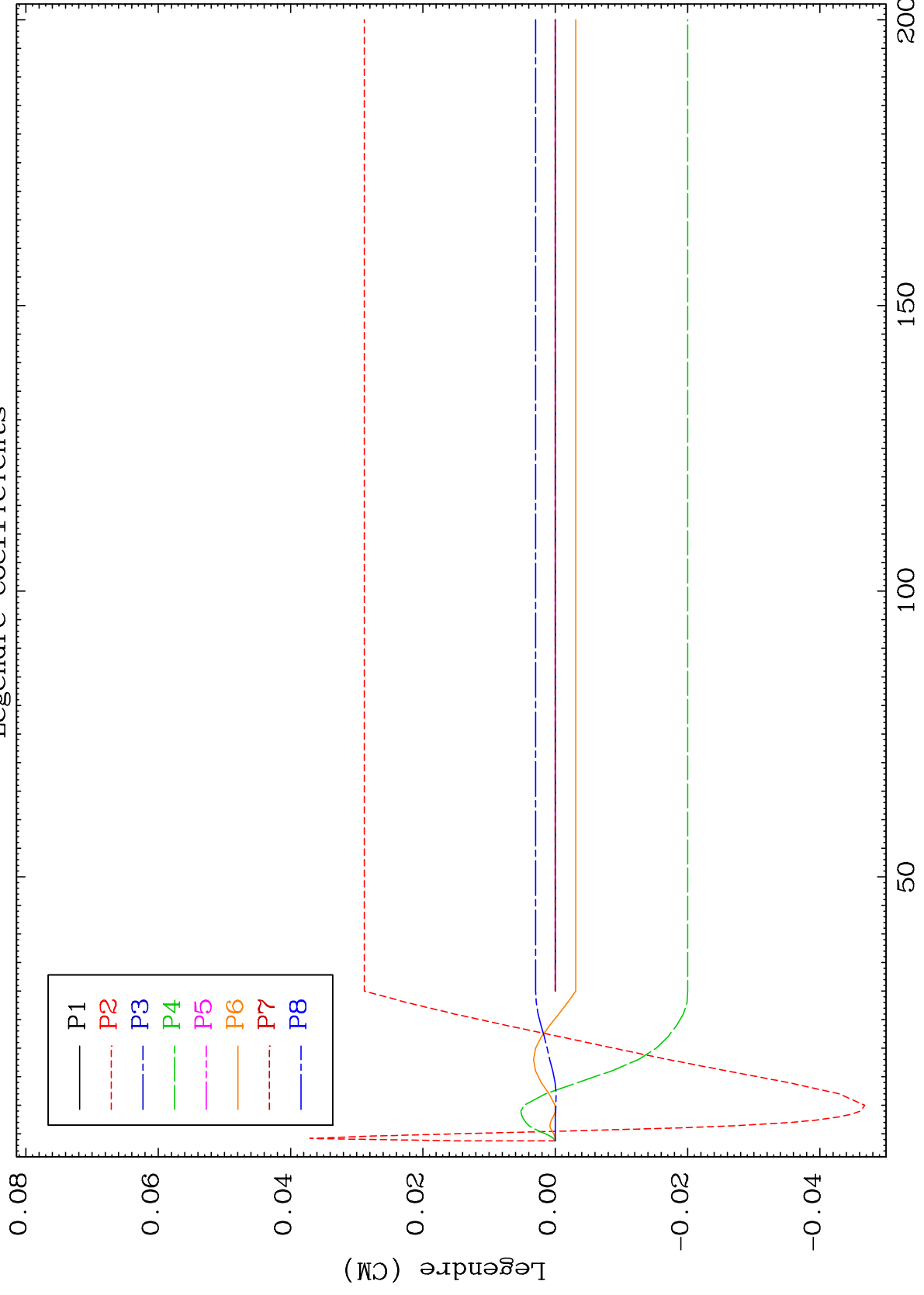
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



73

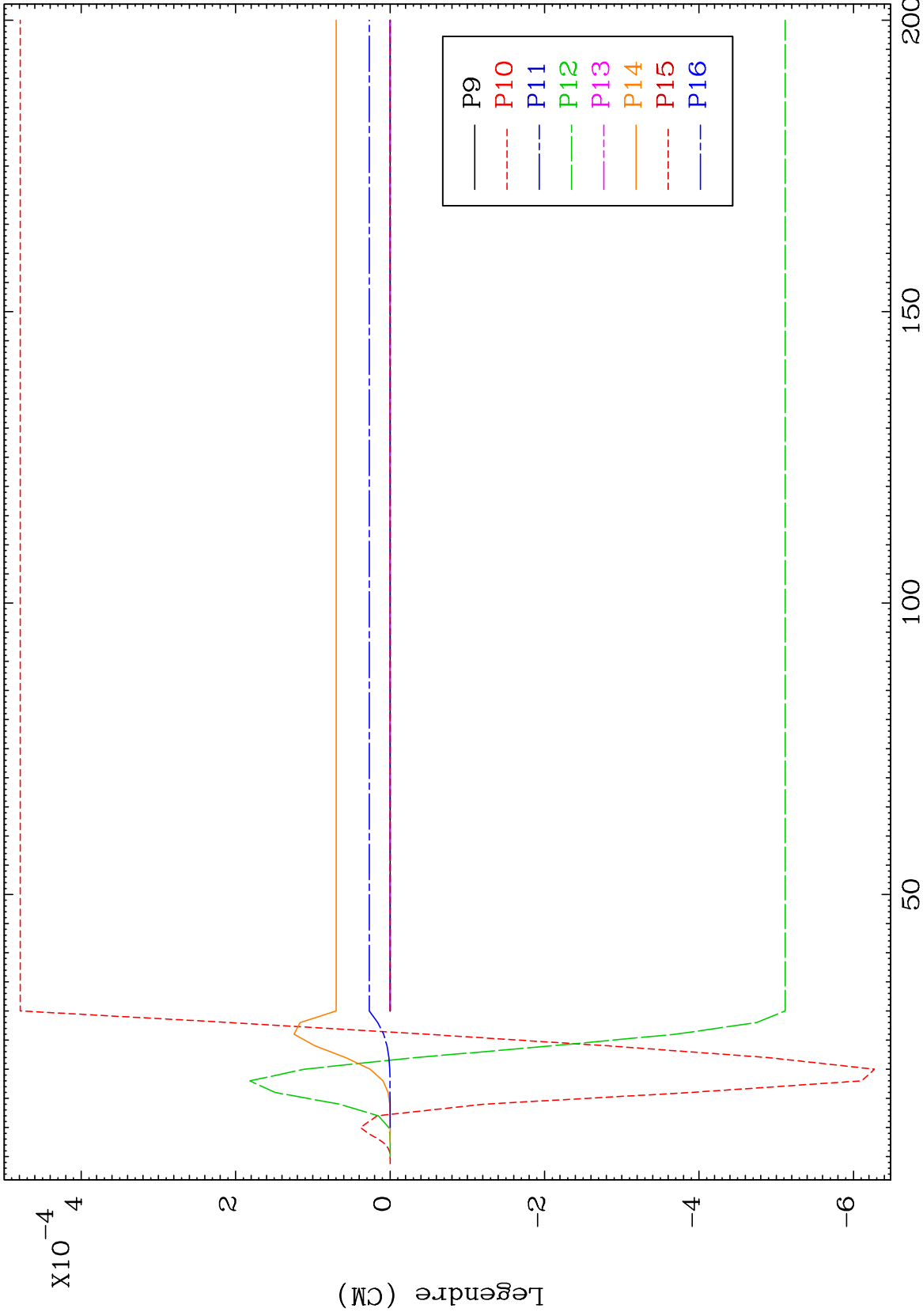
30-Zn-78

Incident Energy (MeV)

MAT 3067

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

30-Zn-78

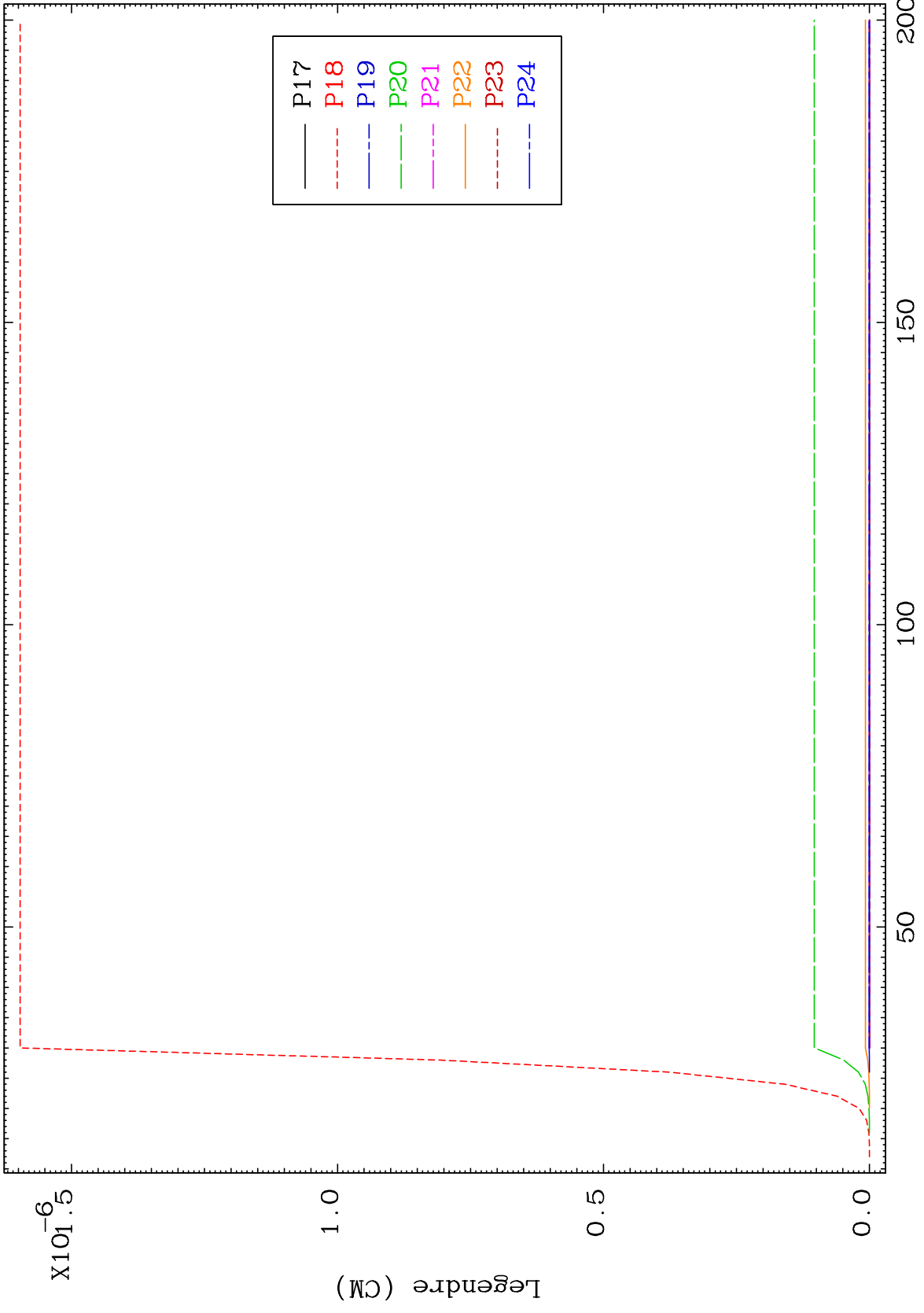


74

Incident Energy (MeV)

30-Zn-78

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

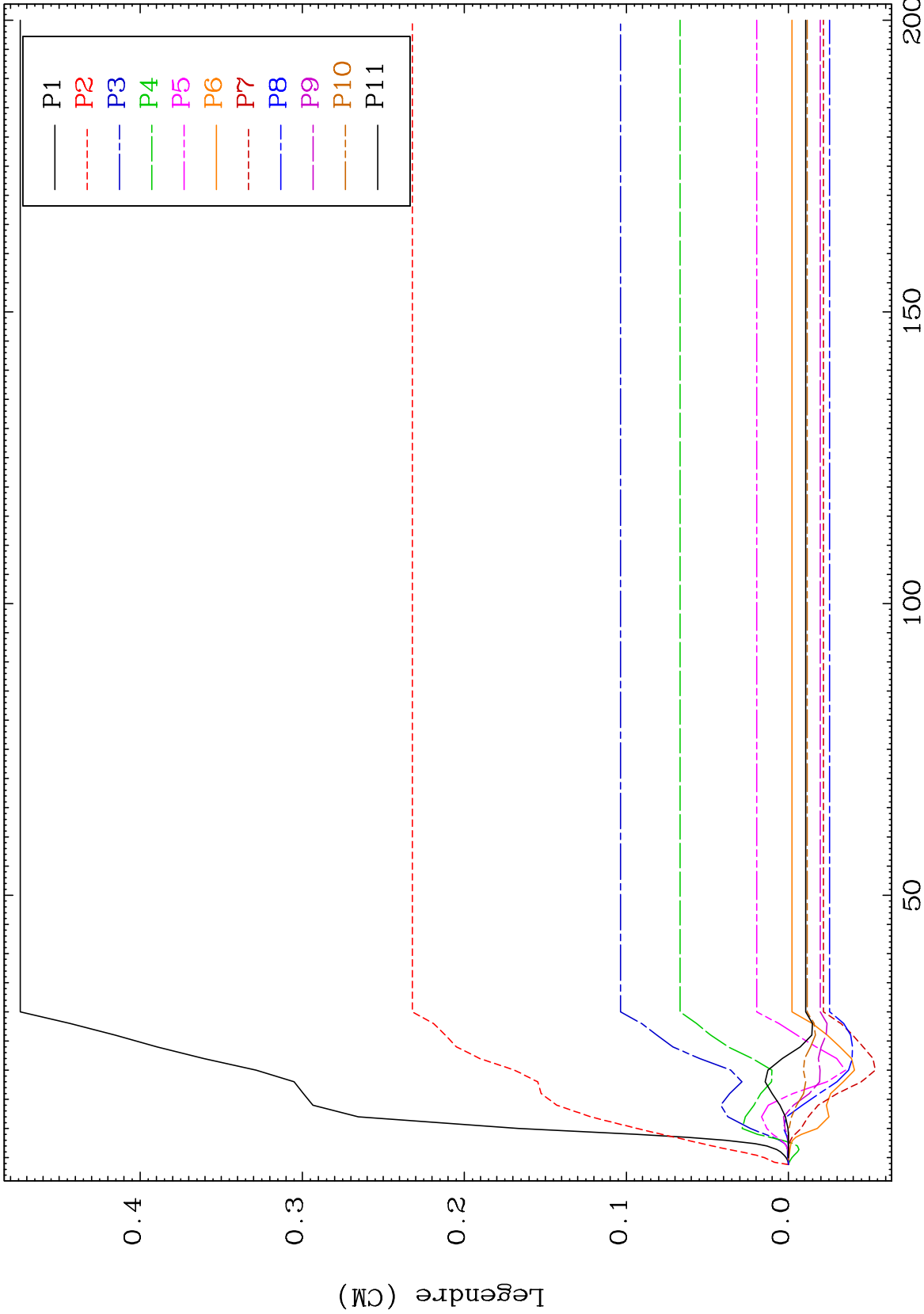


75 50 100 150 200 30-Zn-78

MAT 3067

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

30-Zn-78

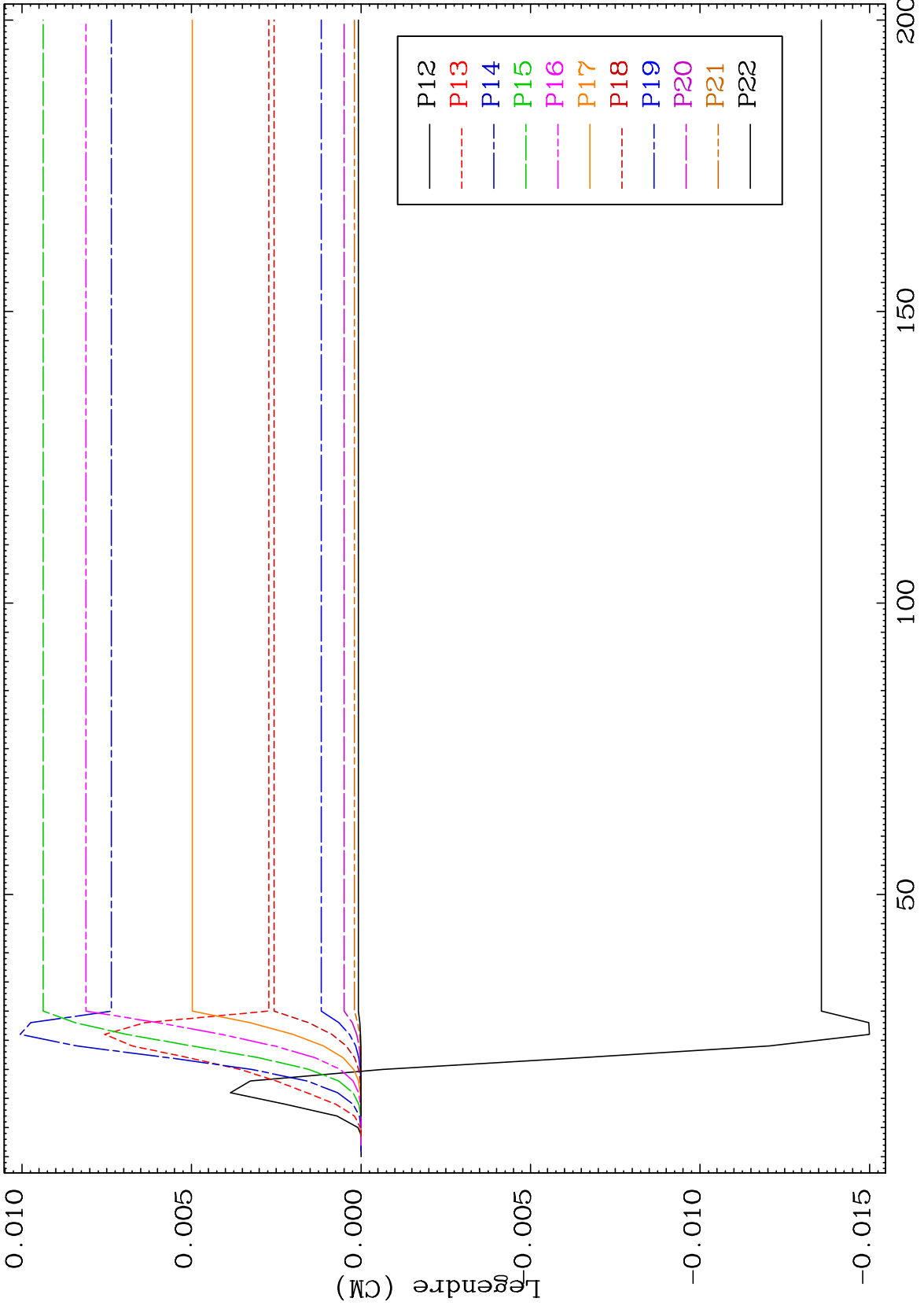


76

Incident Energy (MeV)

30-Zn-78

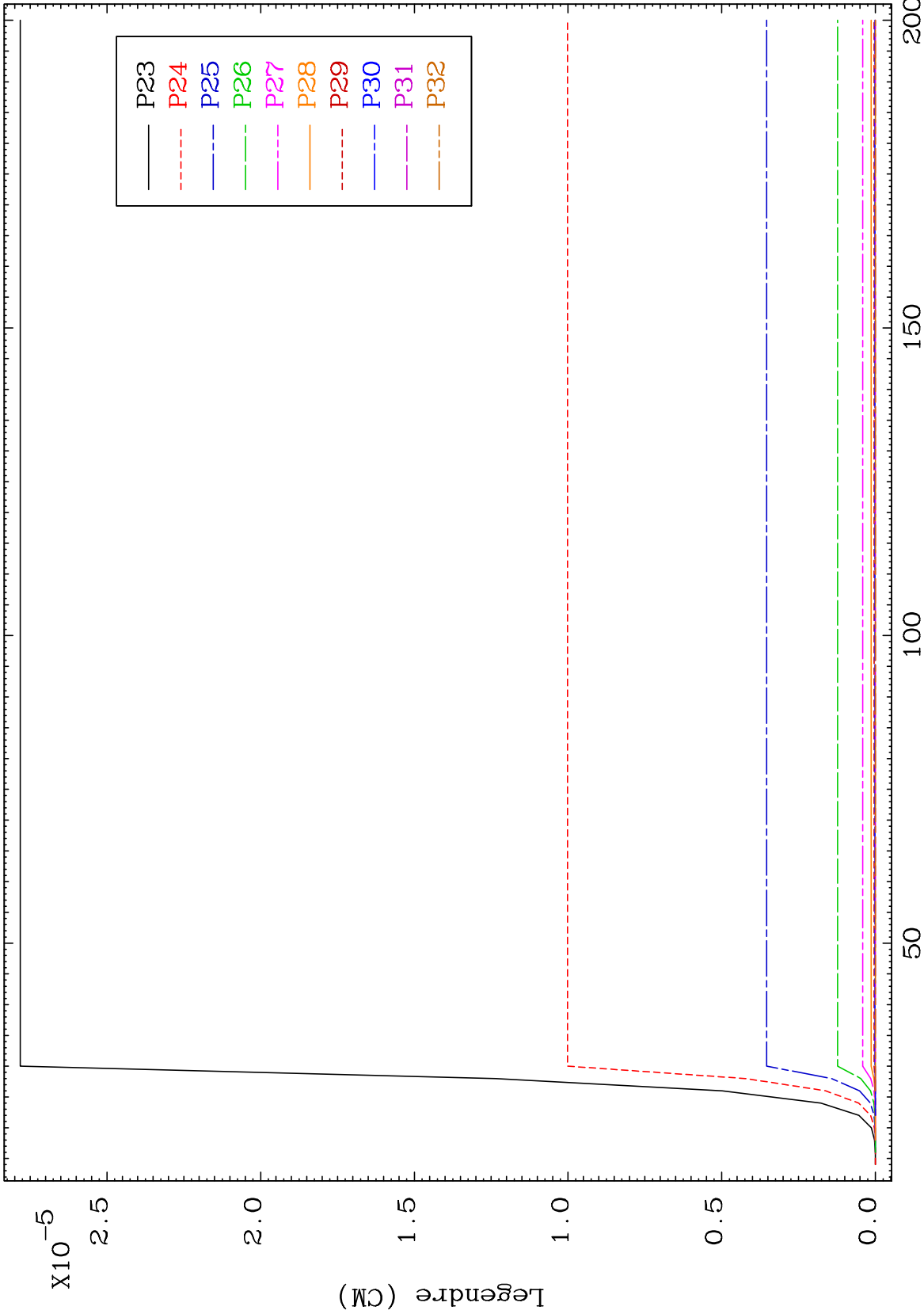
MAT 3067 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78

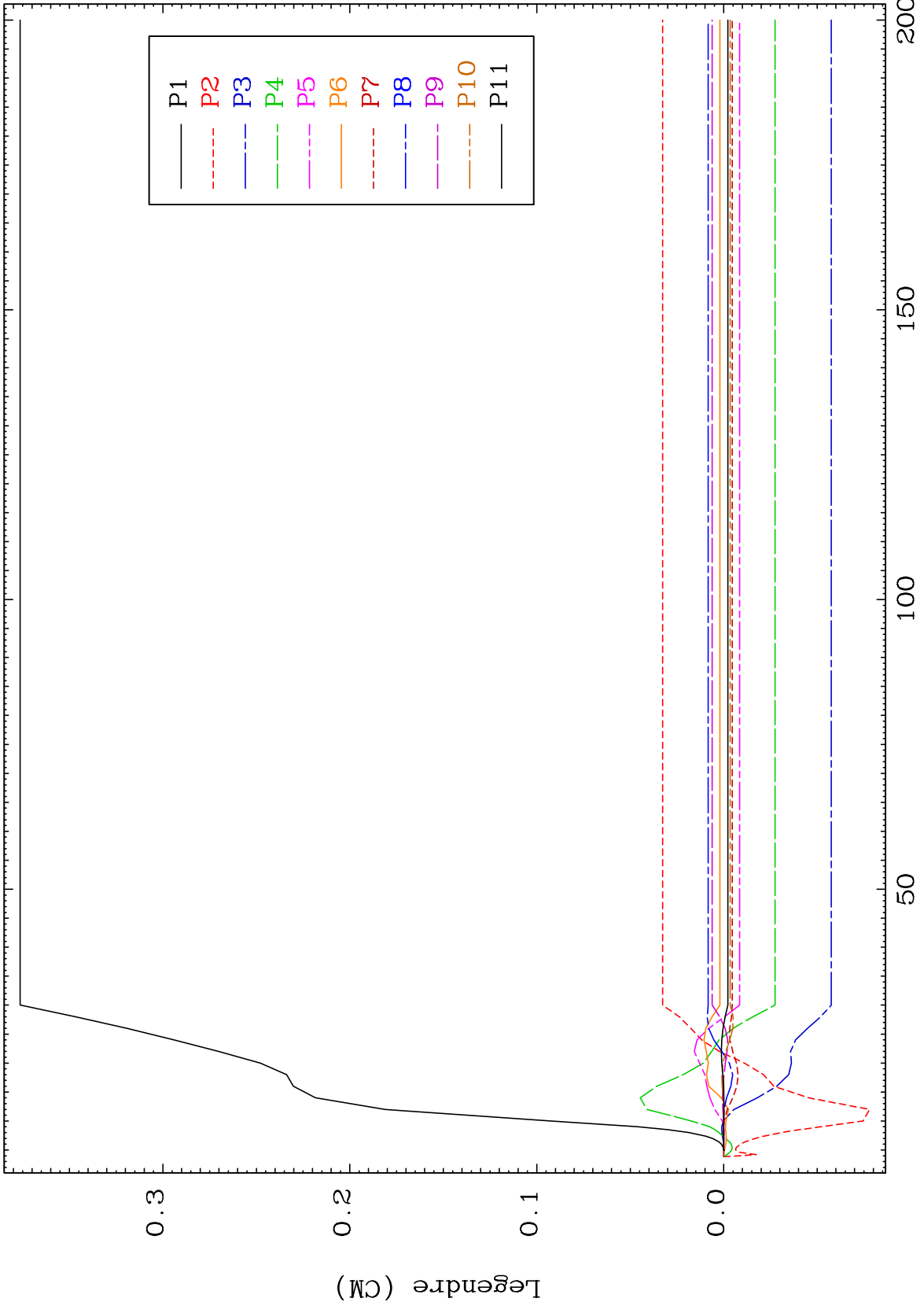


78

Incident Energy (MeV)

30-Zn-78

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

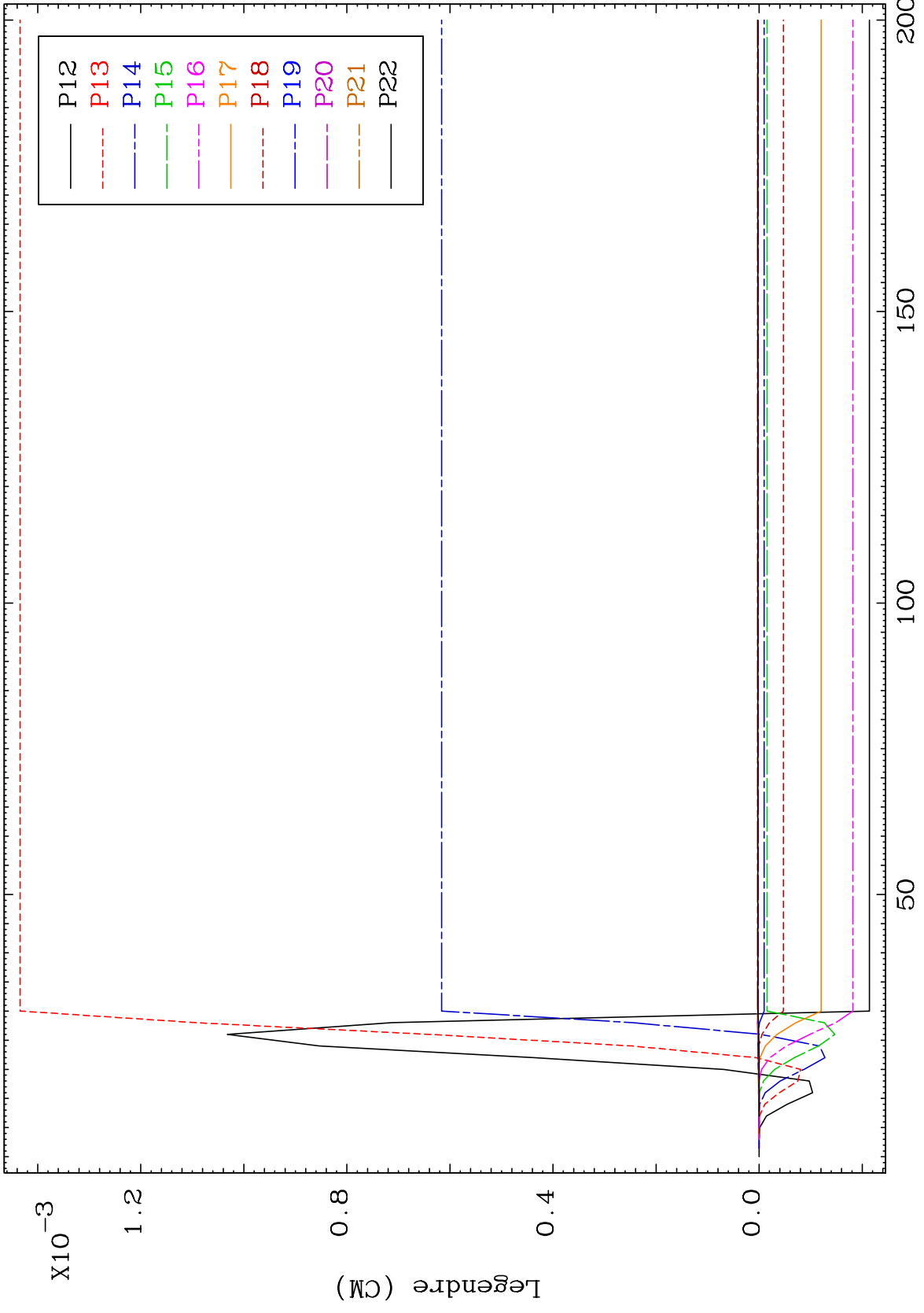


79

30-Zn-78



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



80

Incident Energy (MeV)

50

100

150

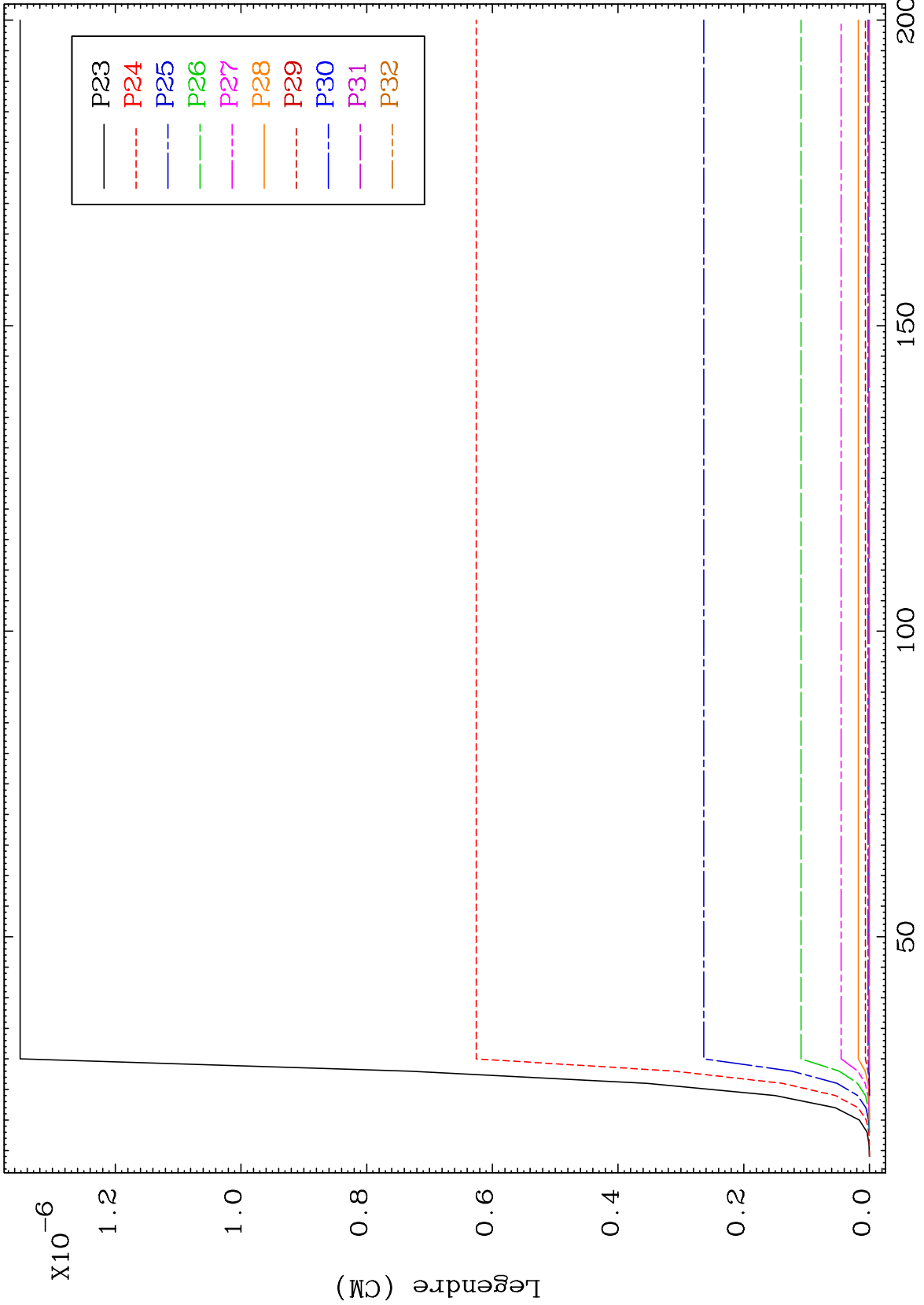
200

30-Zn-78

MAT 3067

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

30-Zn-78



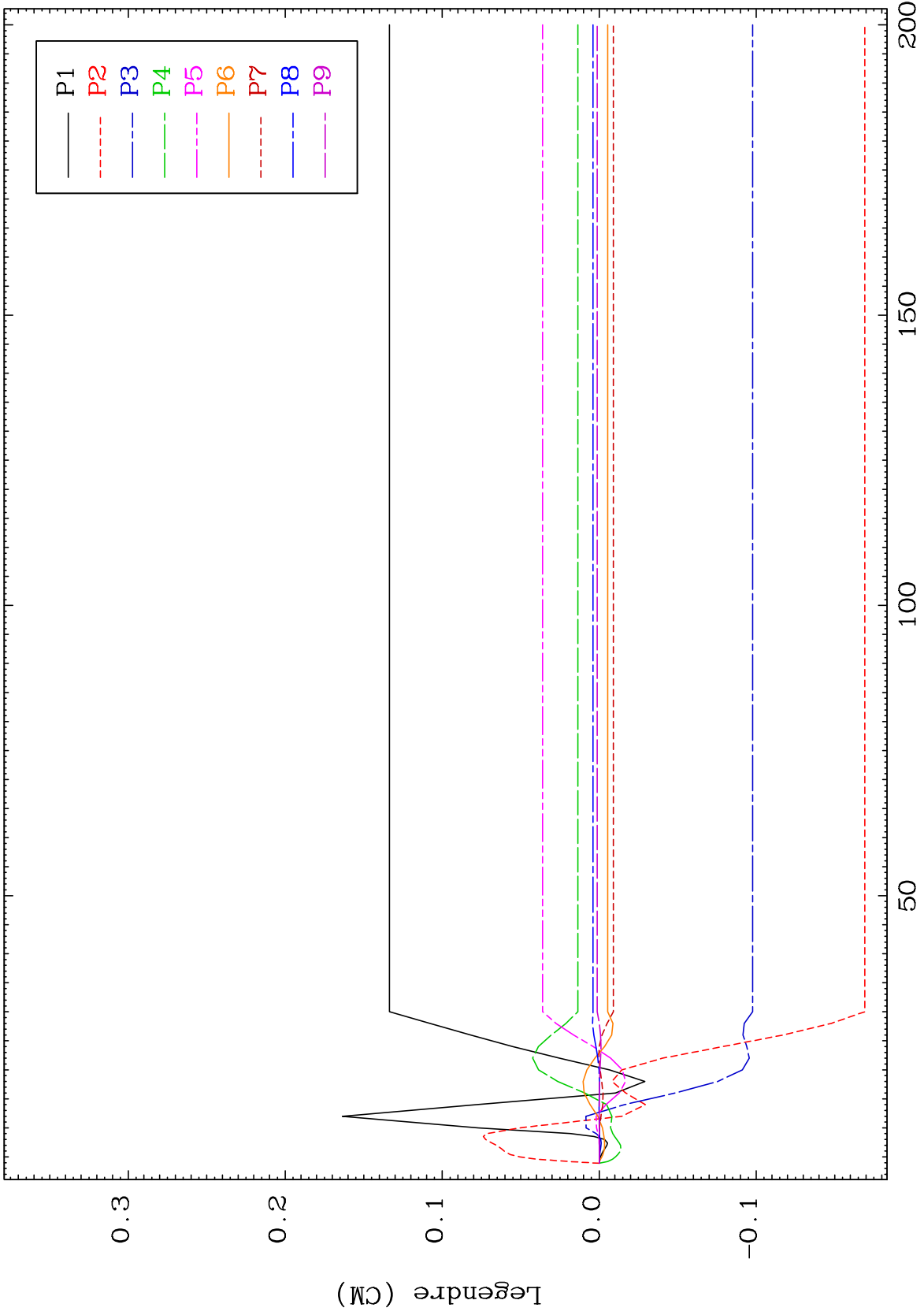
81

30-Zn-78

MAT 3067

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

30-Zn-78



82

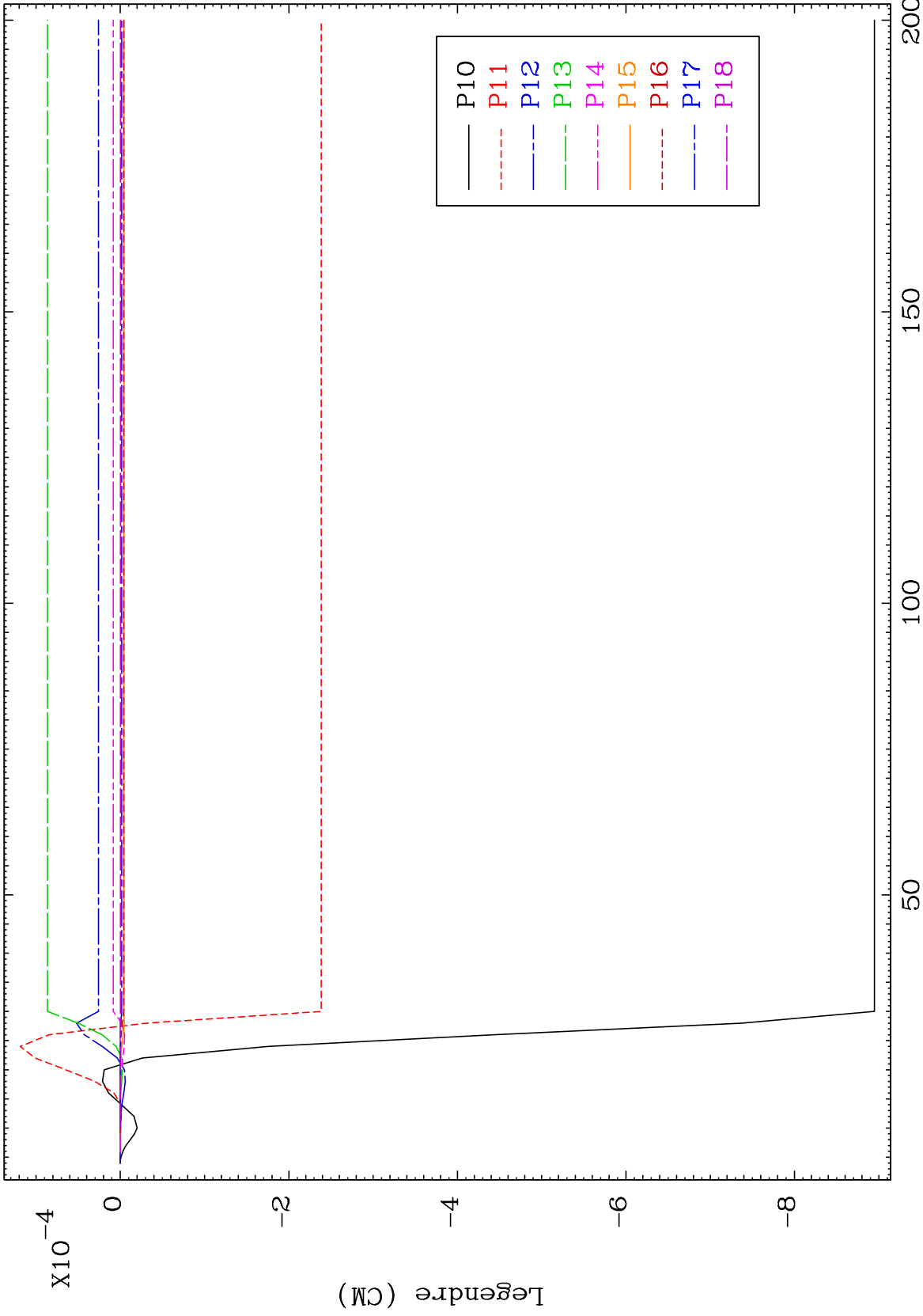
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



83

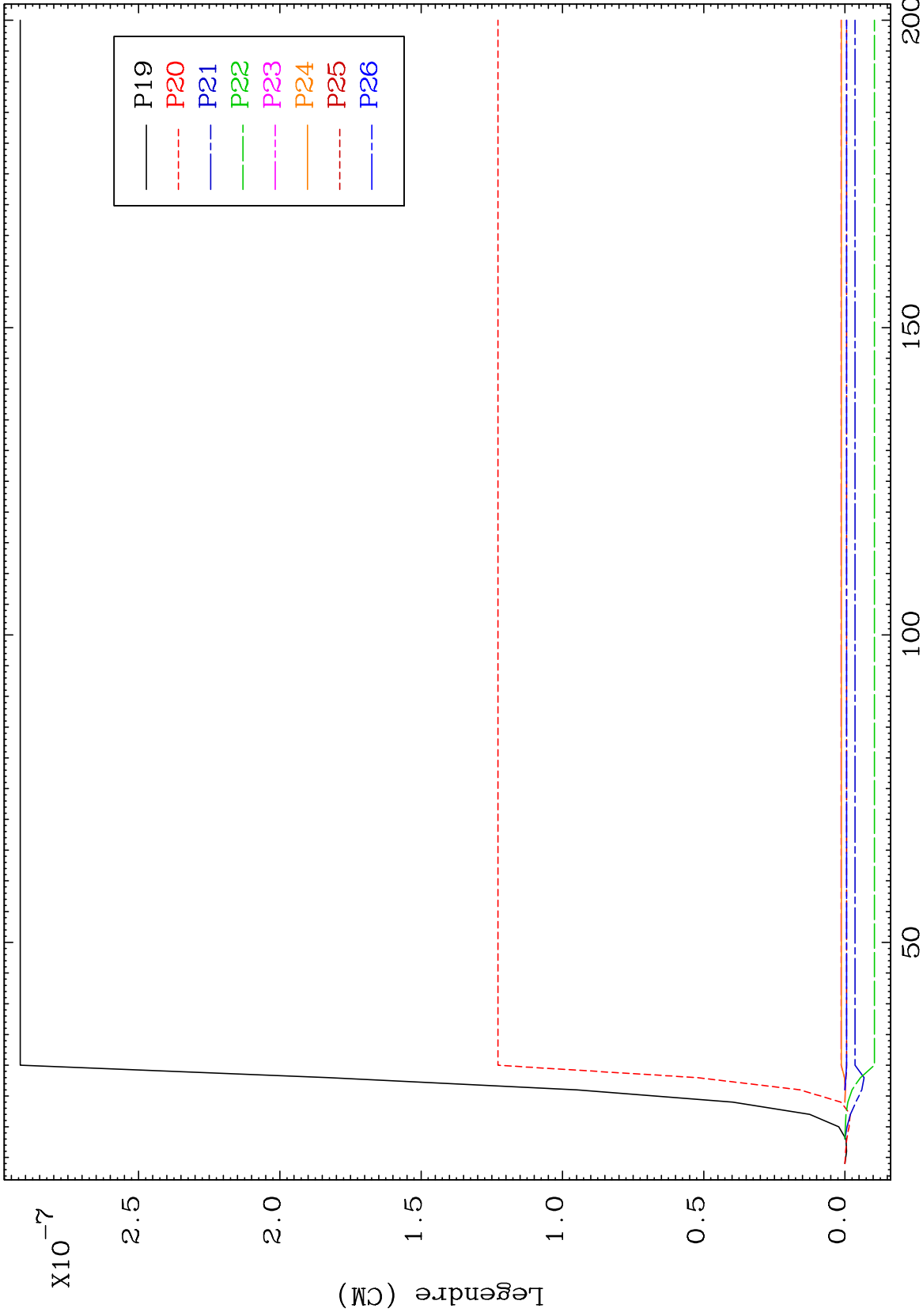
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

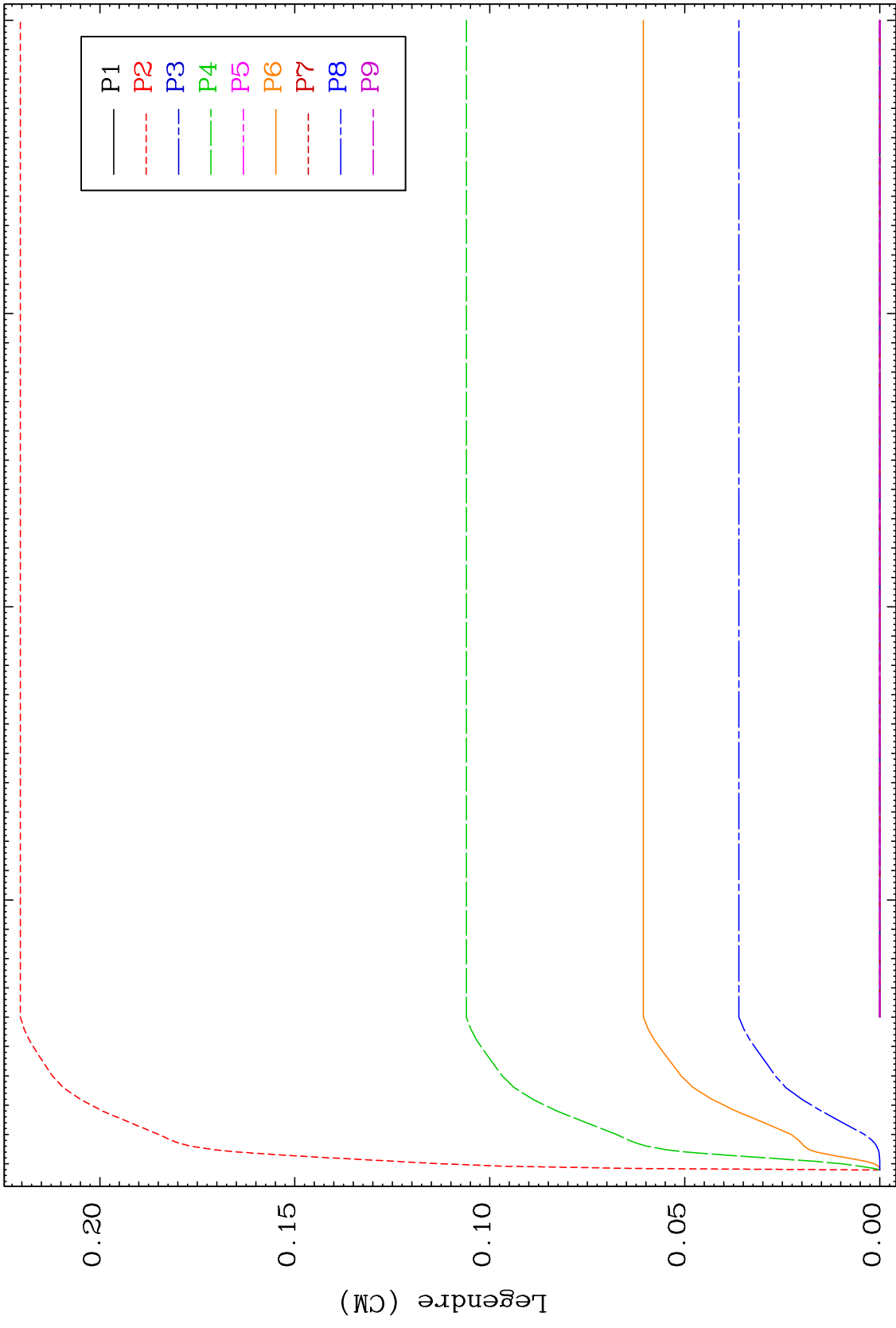


84

Incident Energy (MeV)

30-Zn-78

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

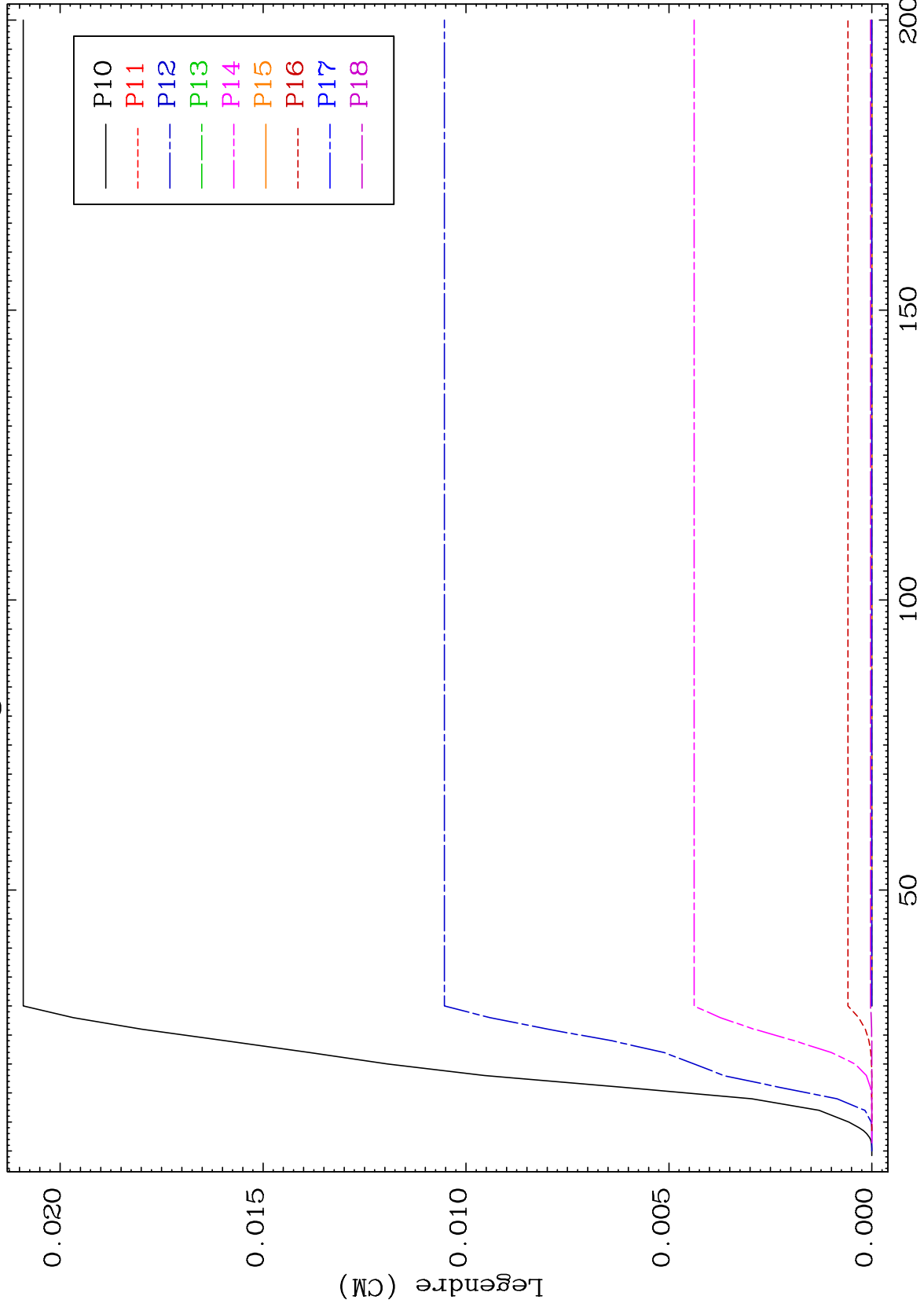


Legendre (CM) Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78

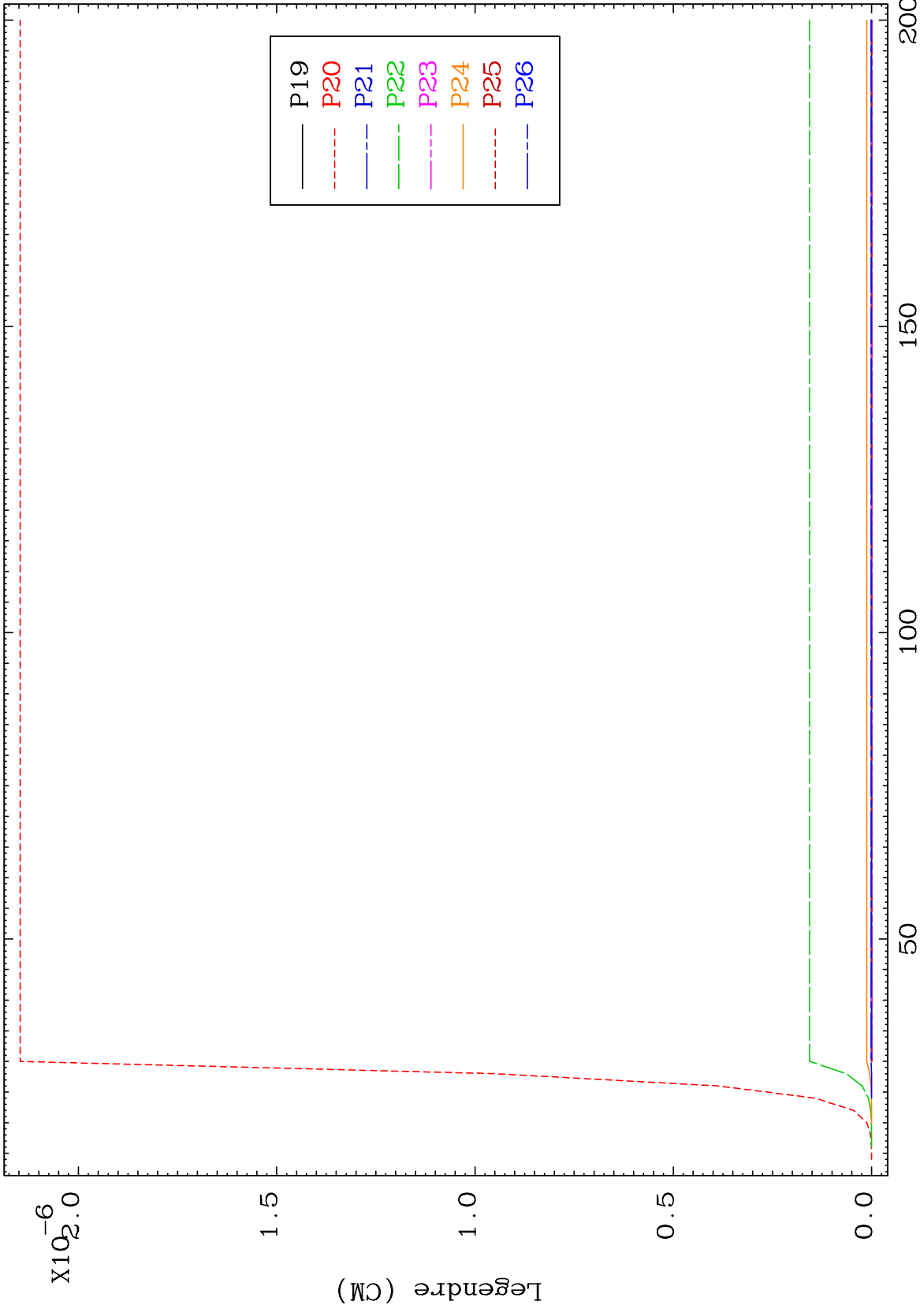


86

Incident Energy (MeV)

30-Zn-78

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

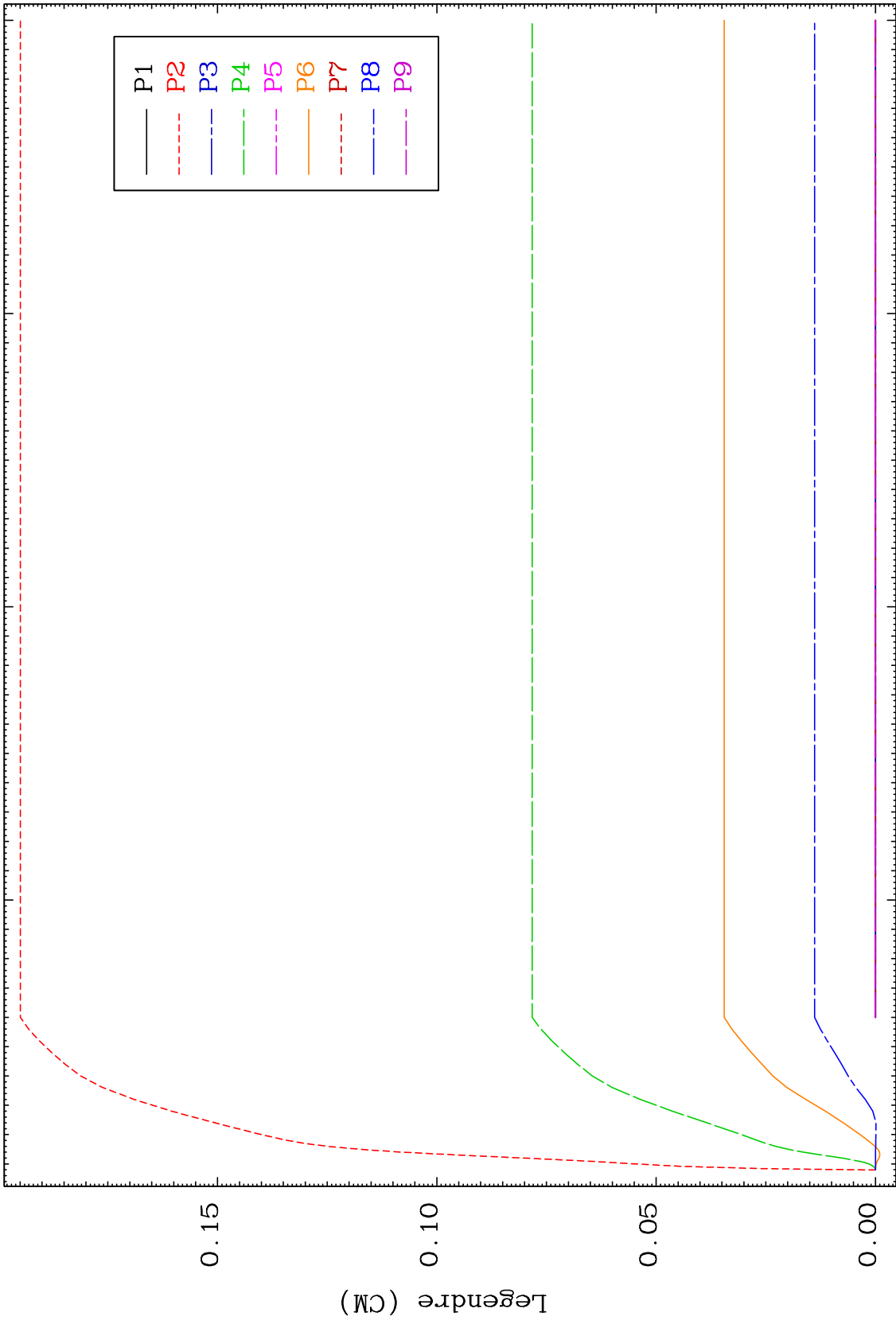


87

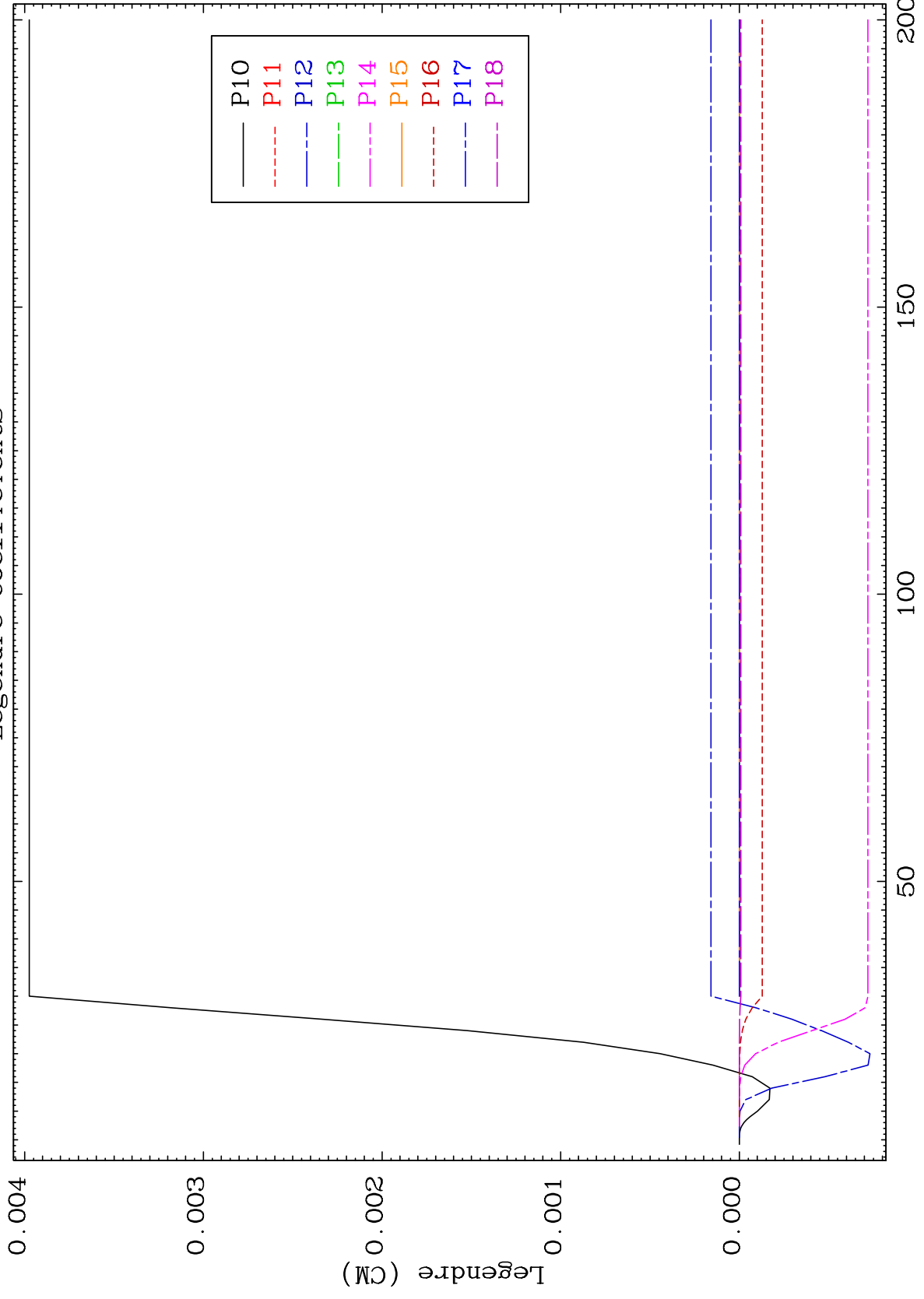
30-Zn-78



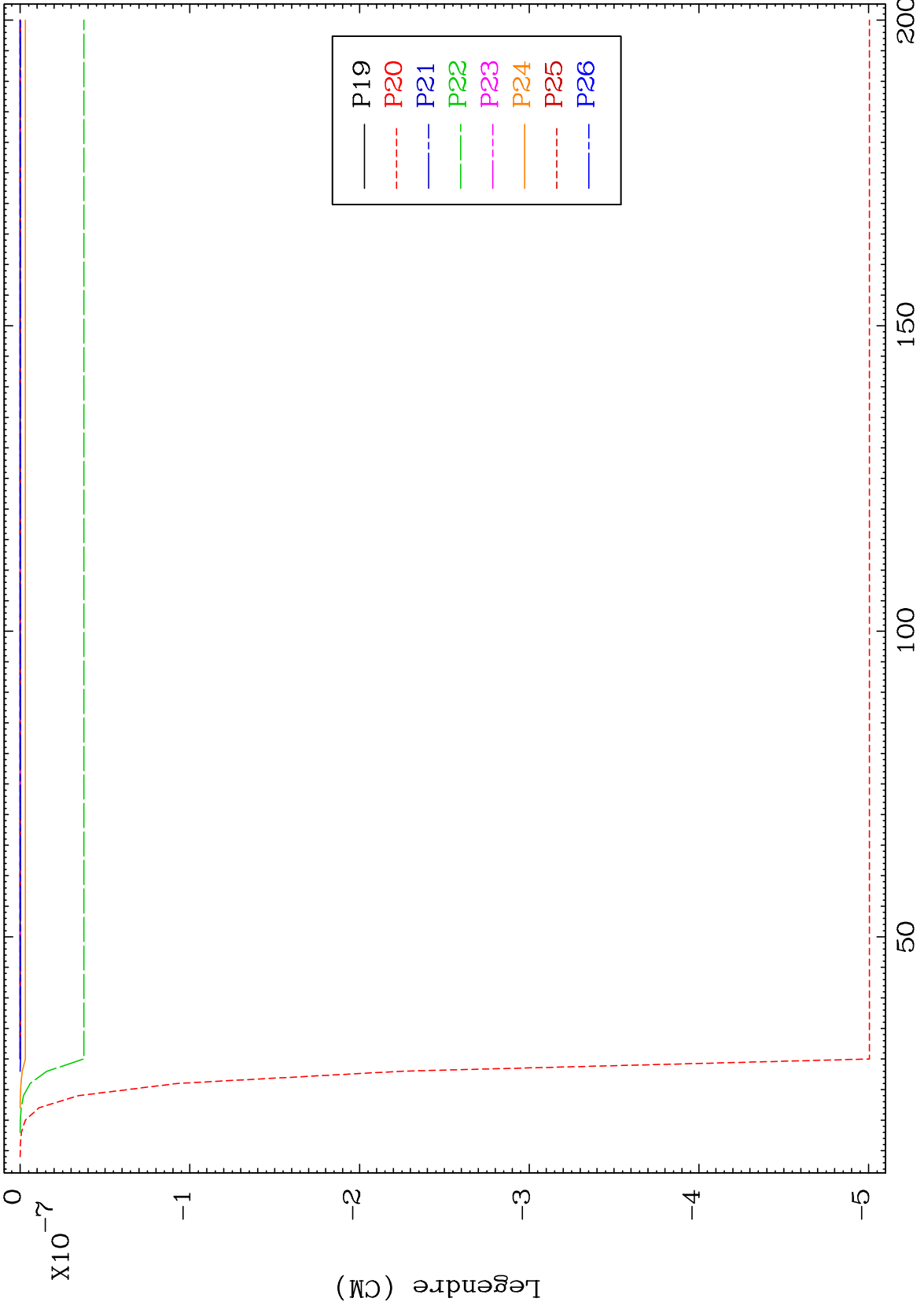
MAT 3067 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-78



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

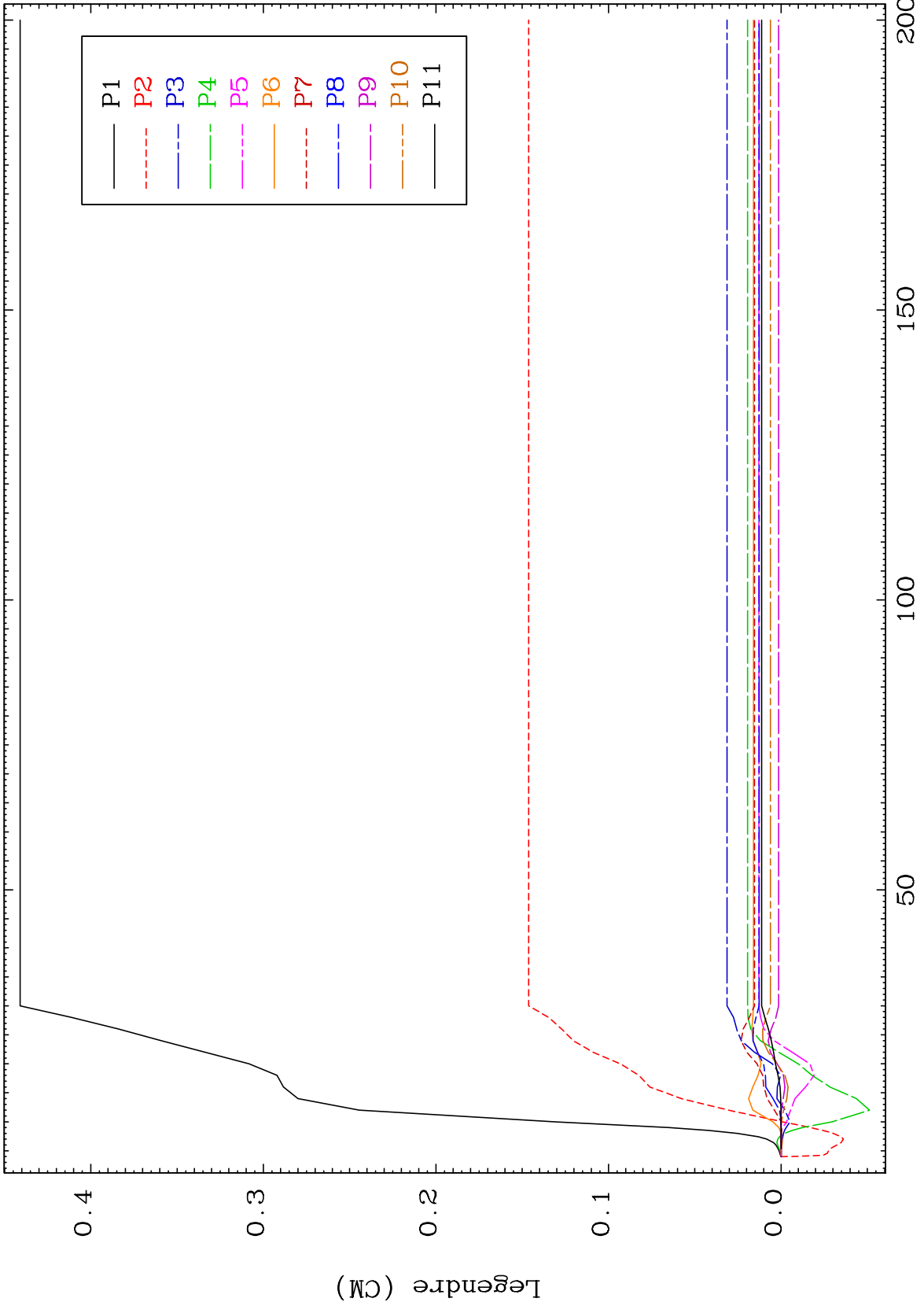


MAT 3067 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-78



90 30-Zn-78

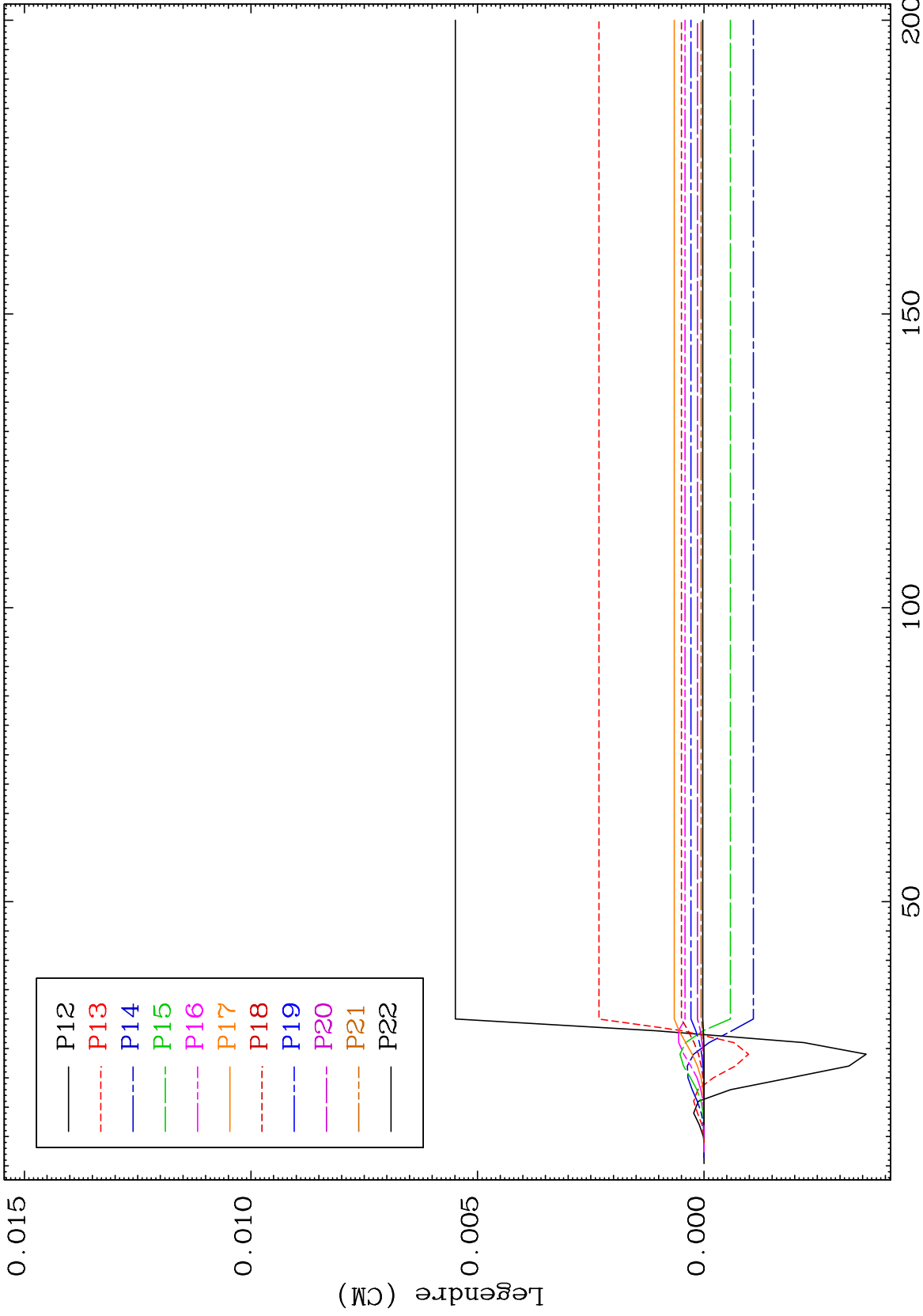
MAT 3067 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



92

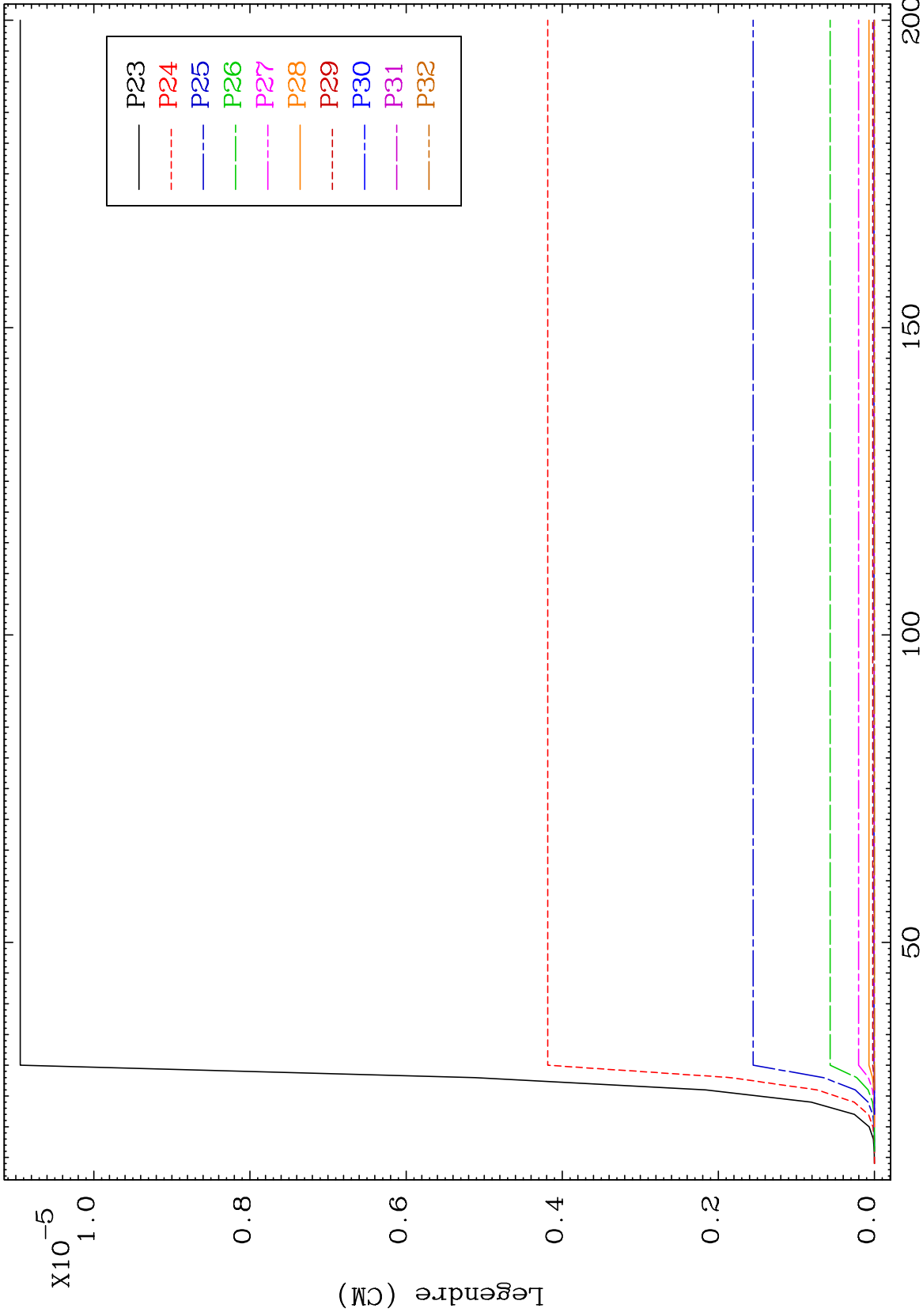
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

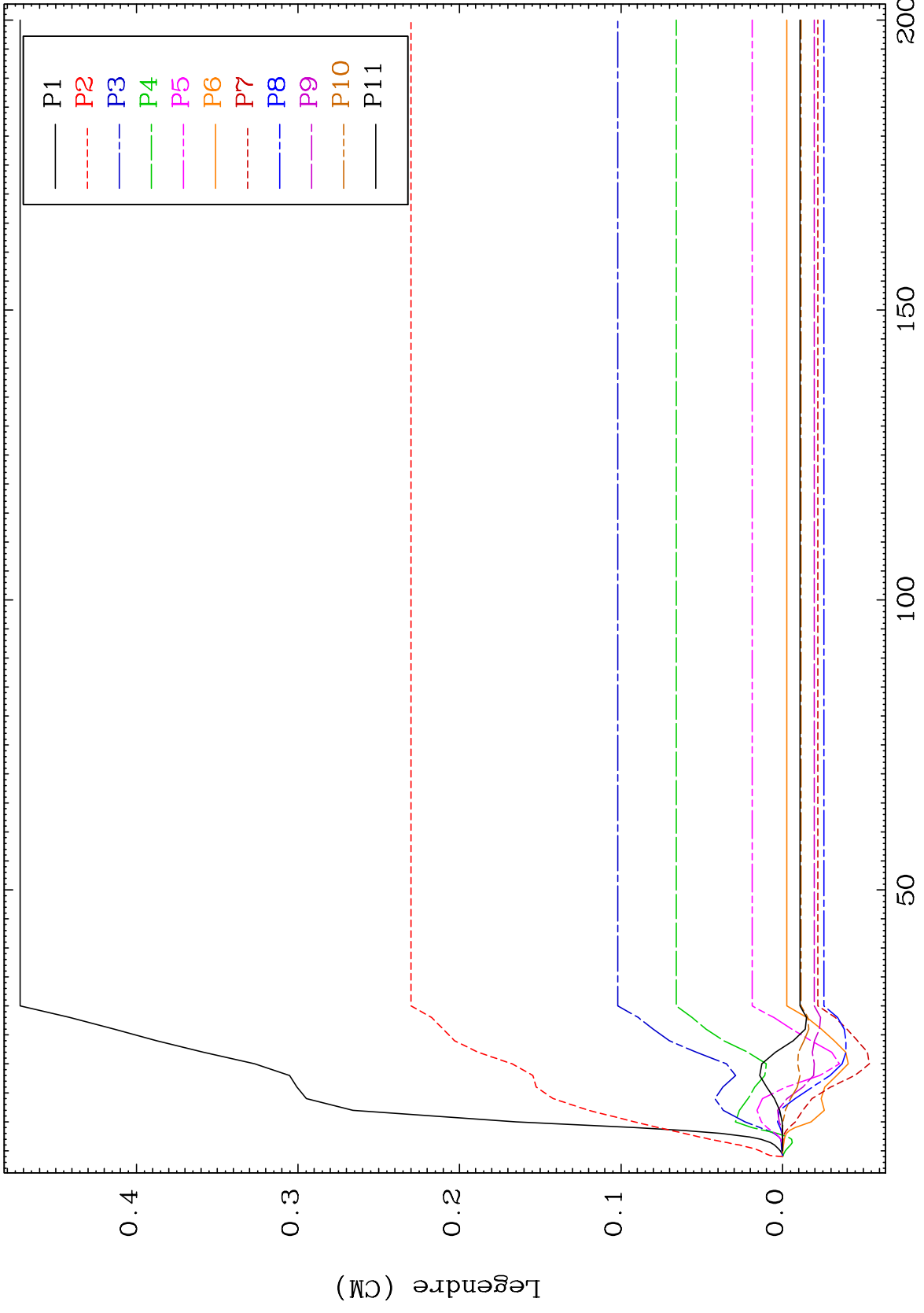
30-Zn-78



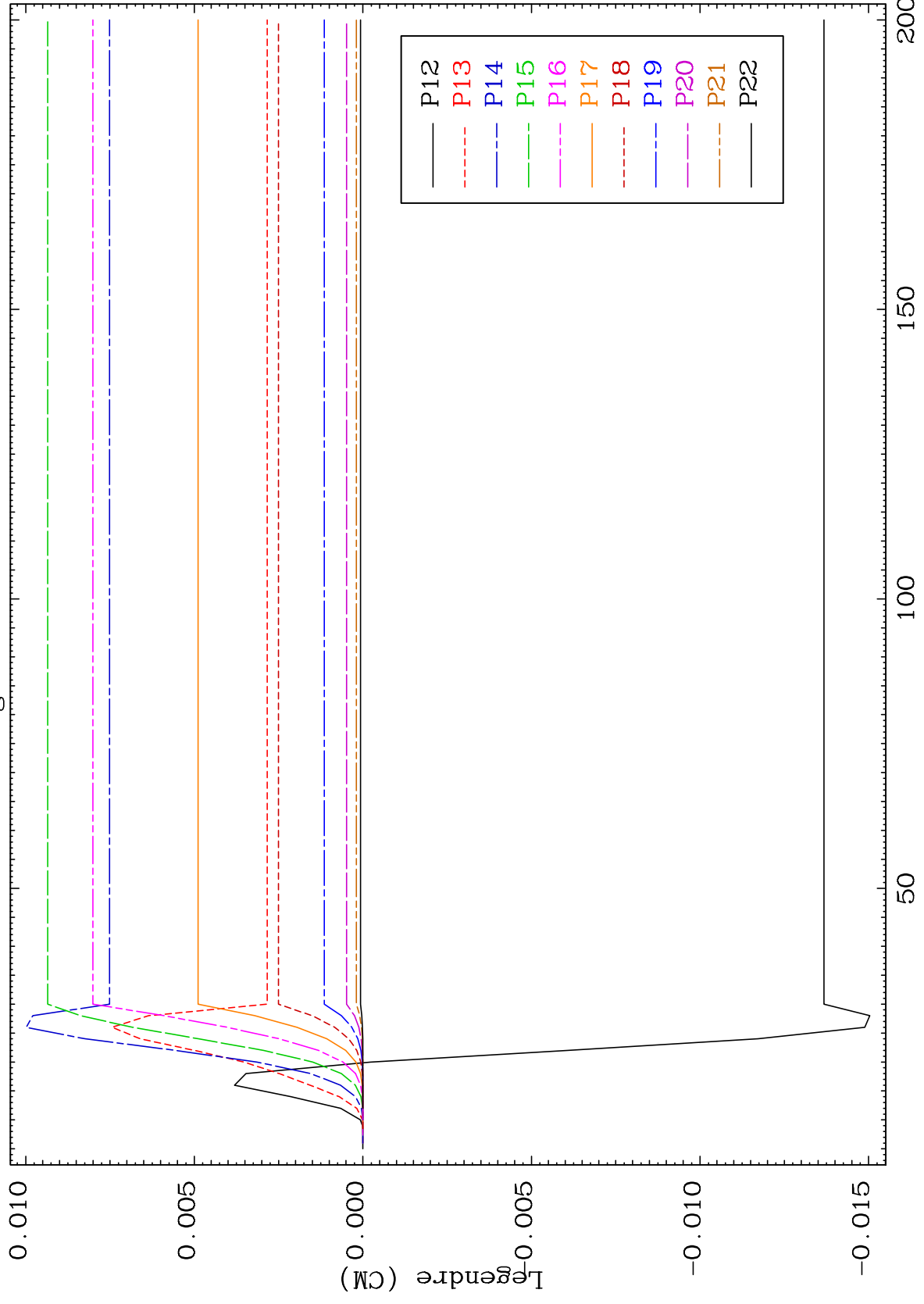
93

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

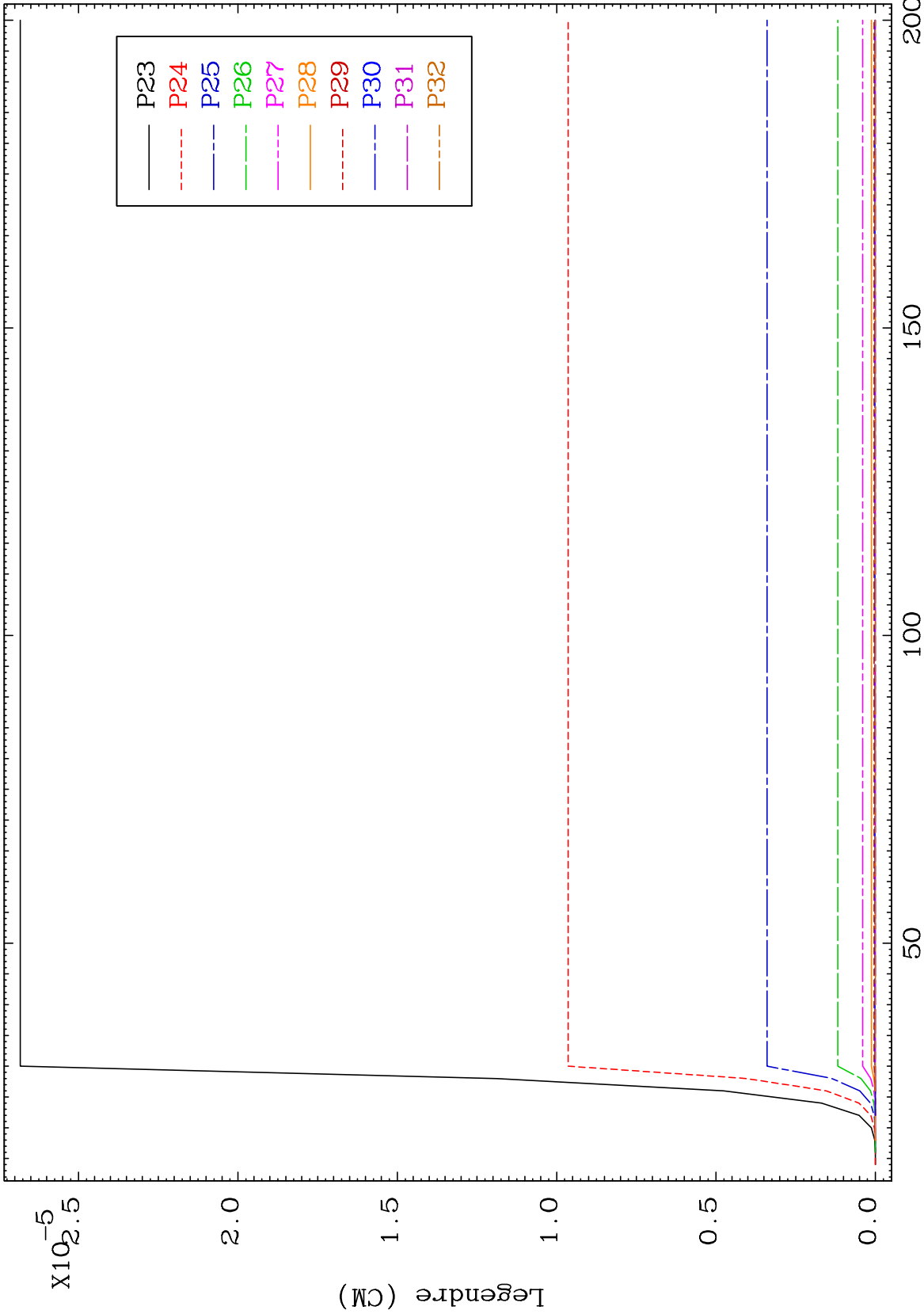




MAT 3067

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

30-Zn-78



96

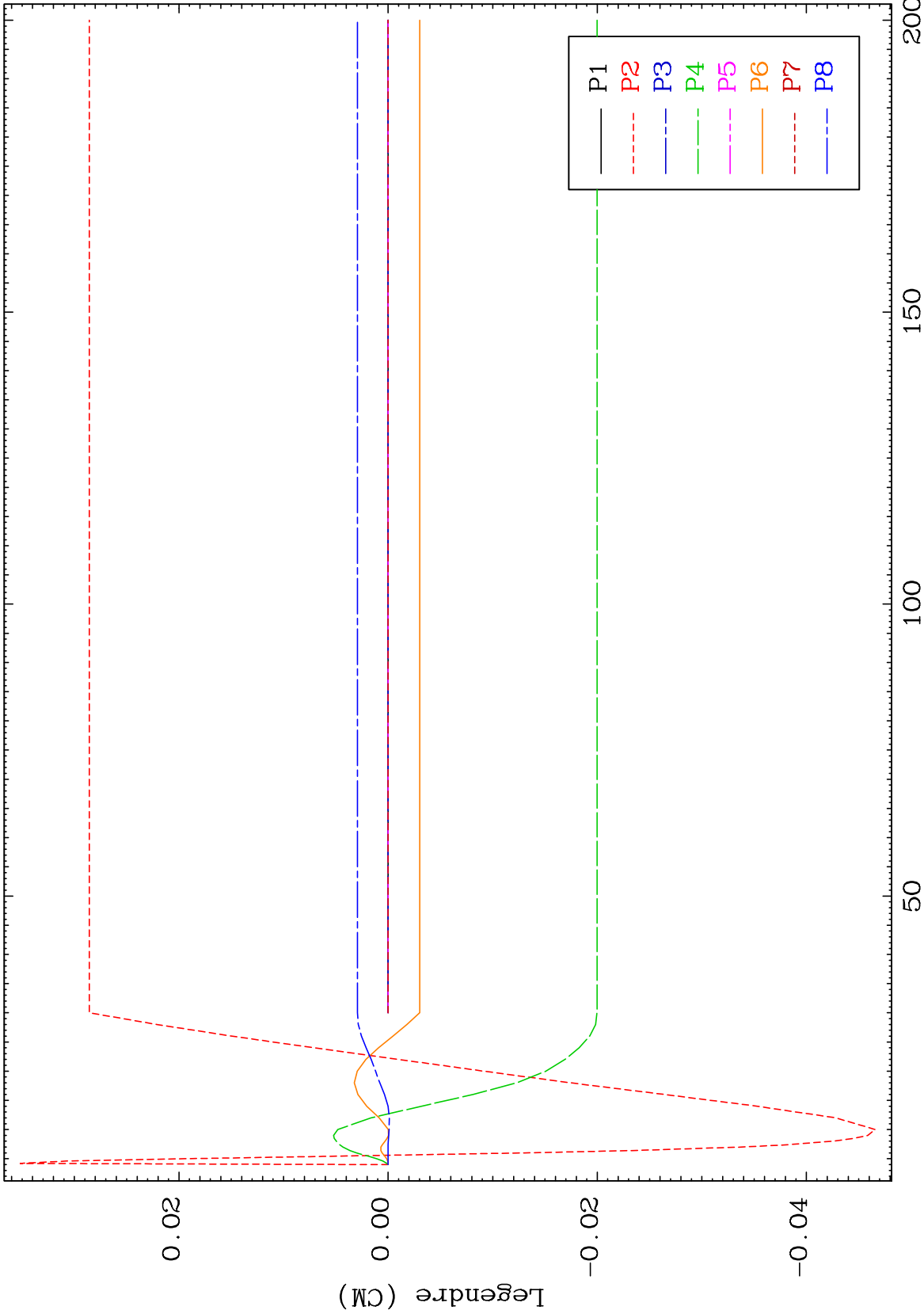
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



97

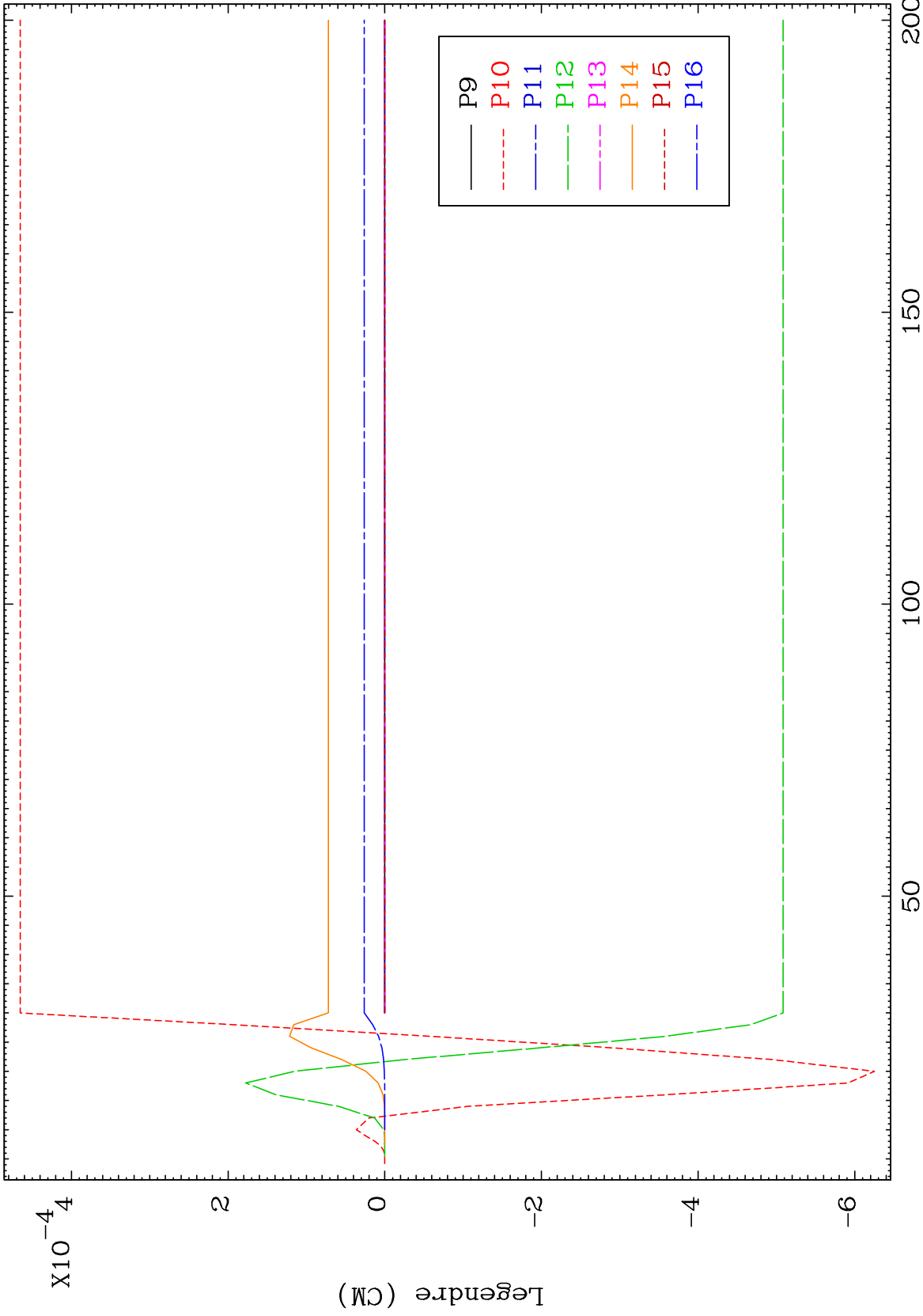
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

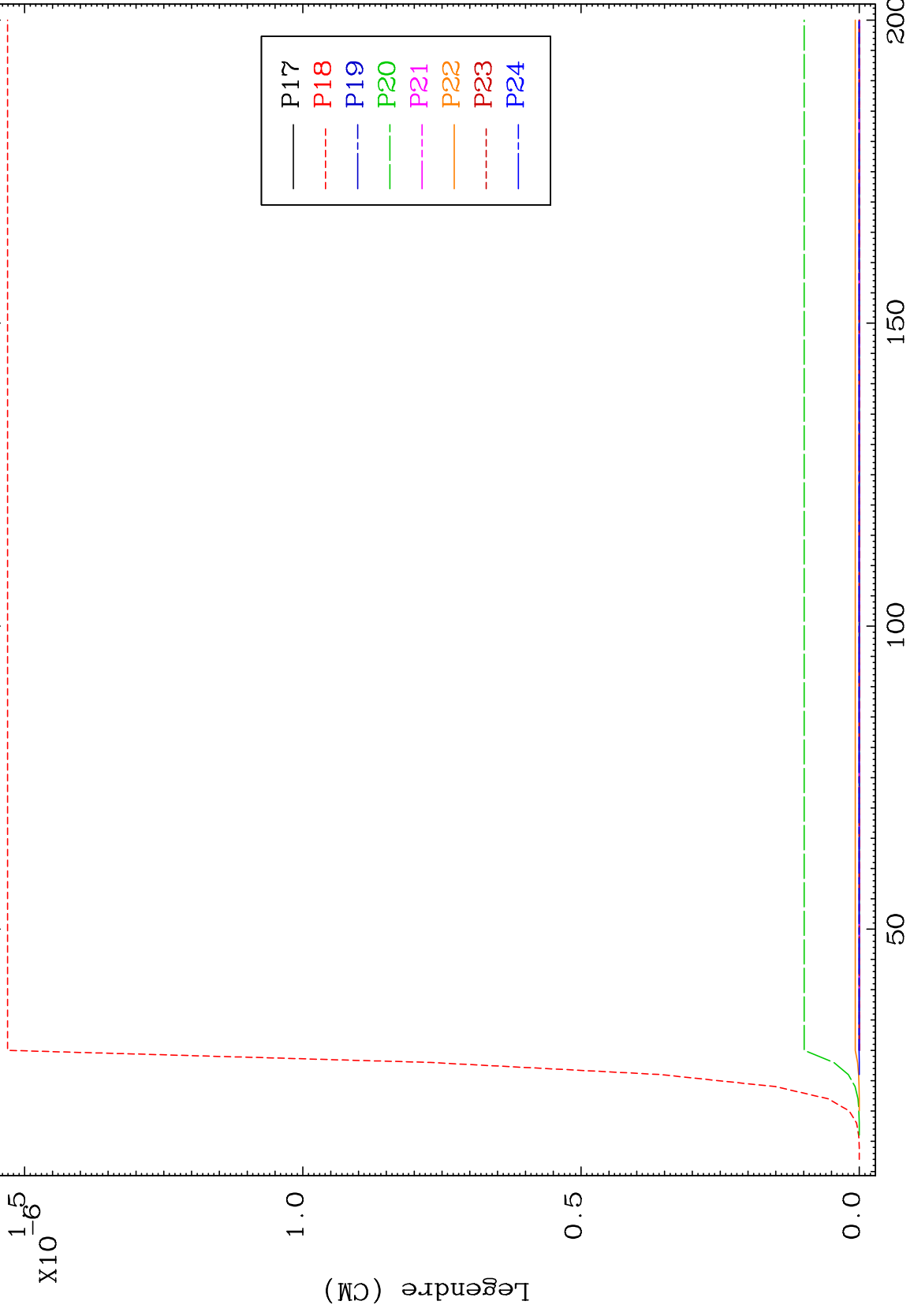


98

Incident Energy (MeV)

30-Zn-78

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

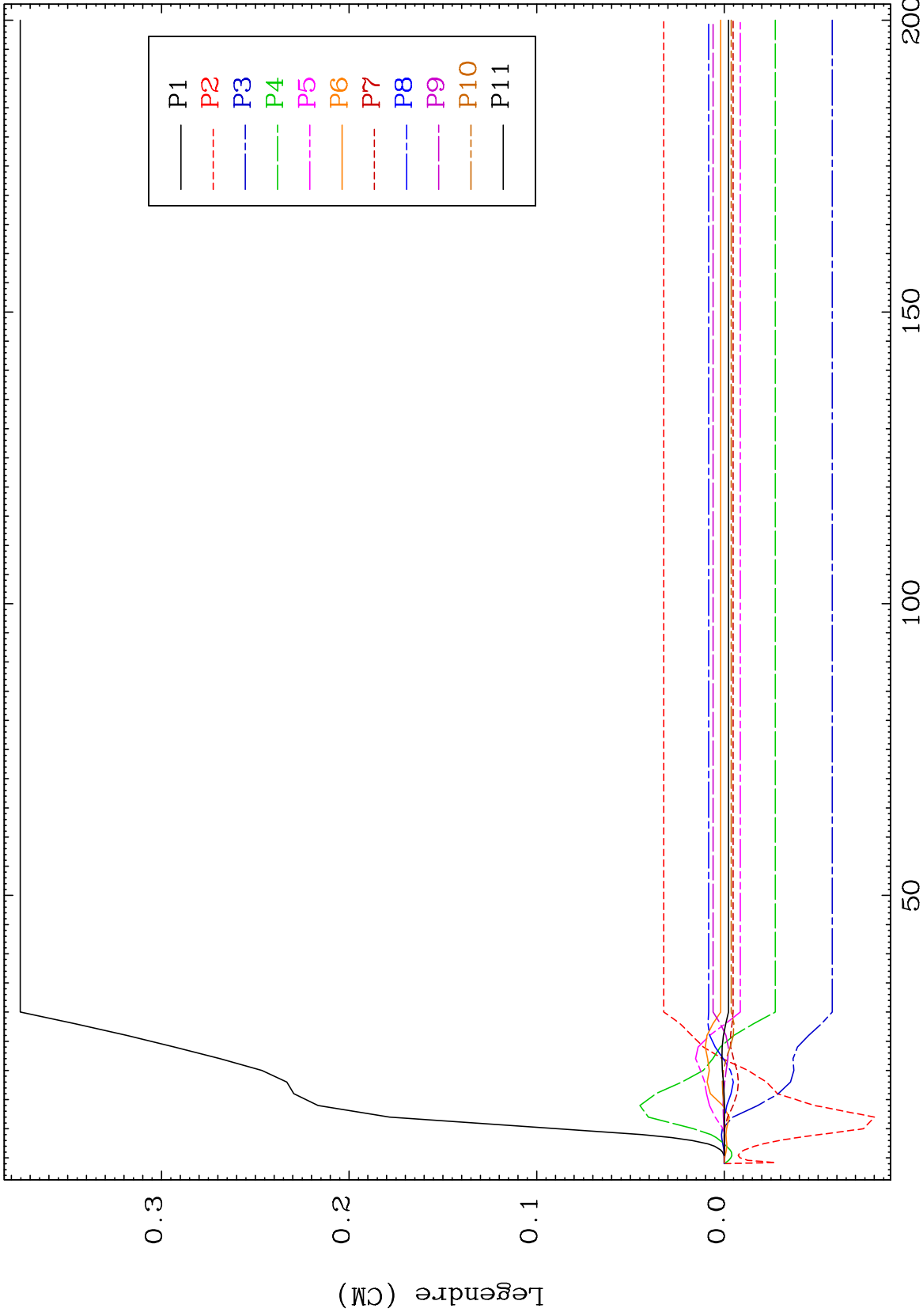


99 Incident Energy (MeV) 30-Zn-78

MAT 3067

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

30-Zn-78



30-Zn-78

Incident Energy (MeV)

100

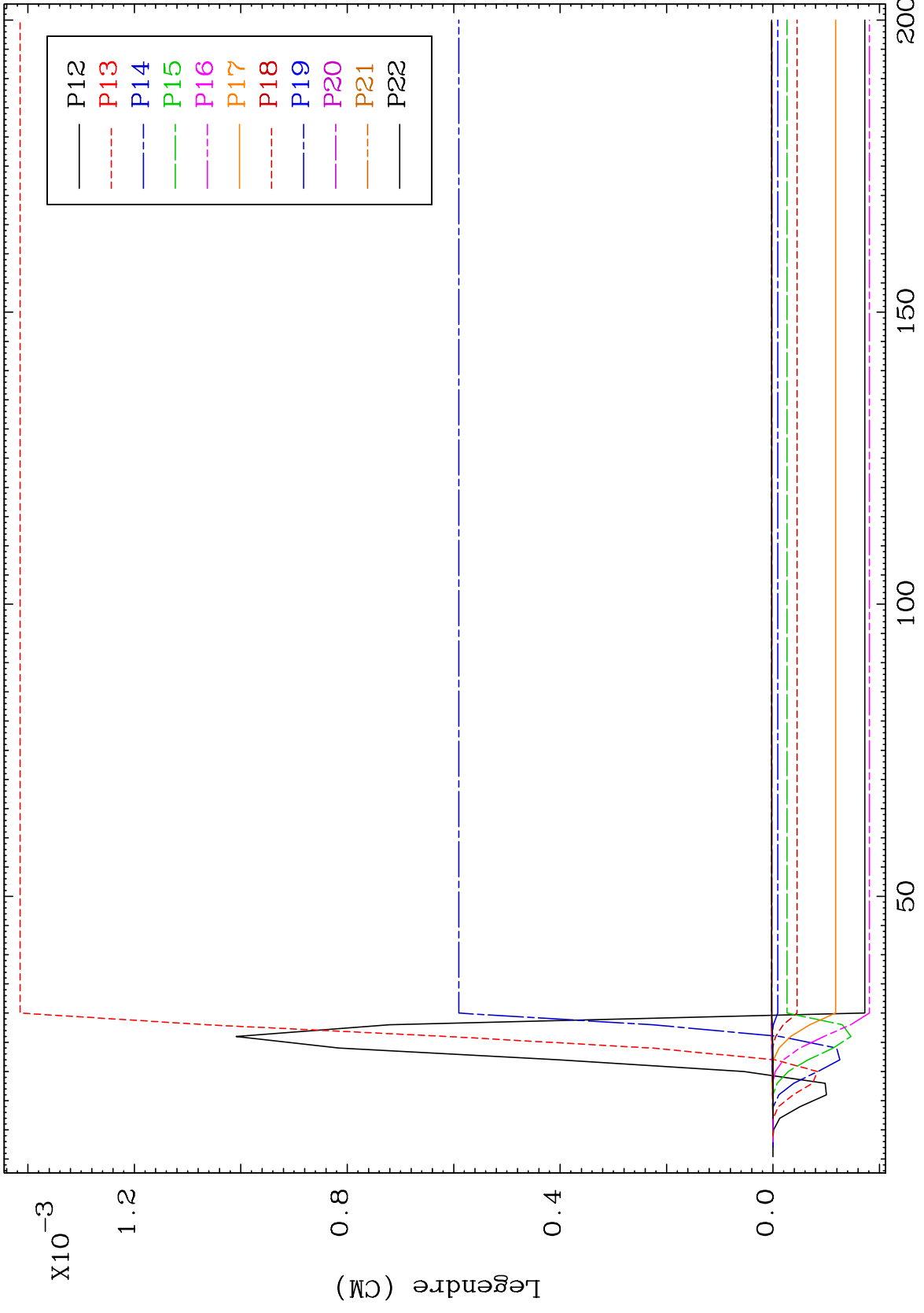
50

100

150

200

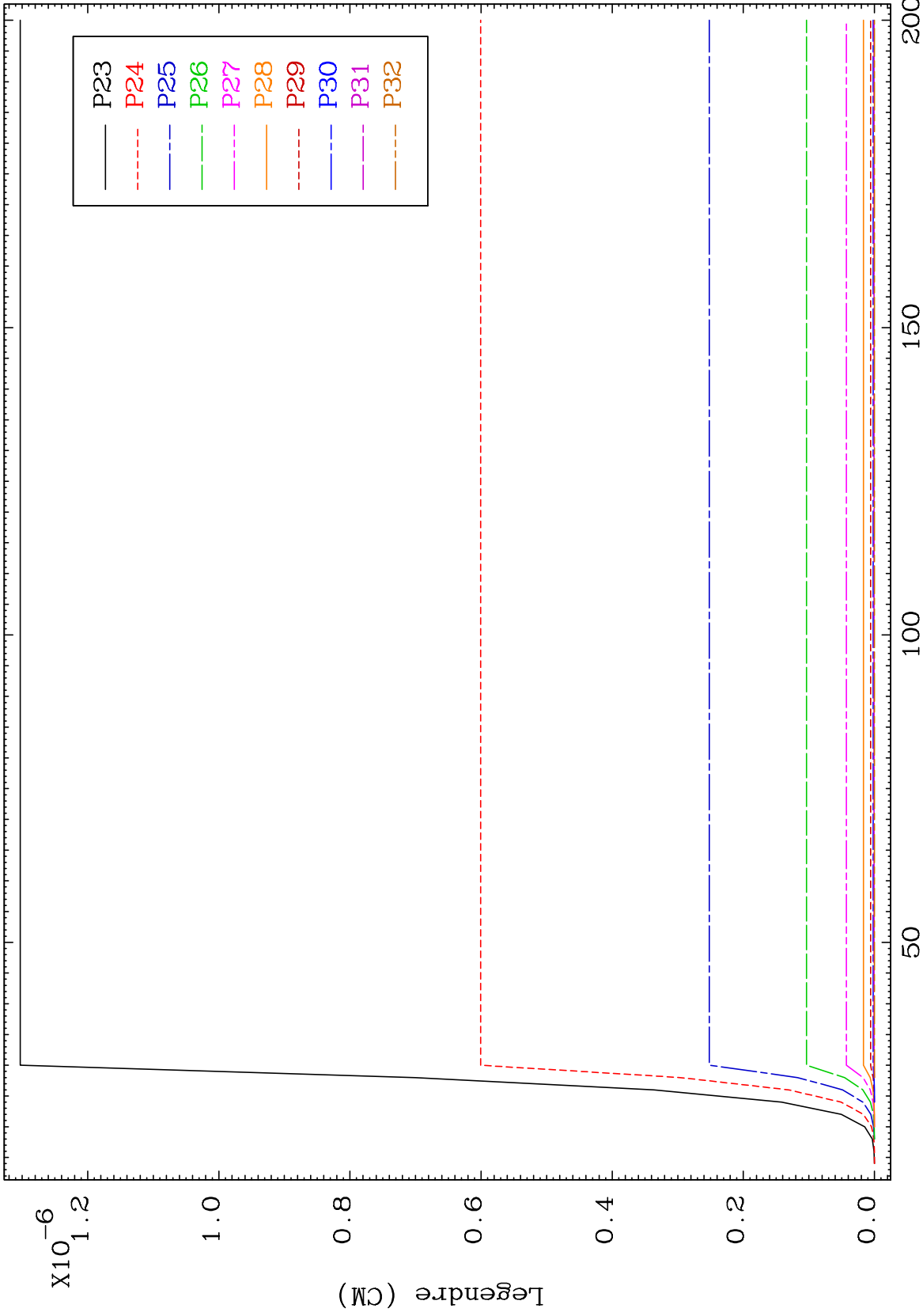
MAT 3067 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



102

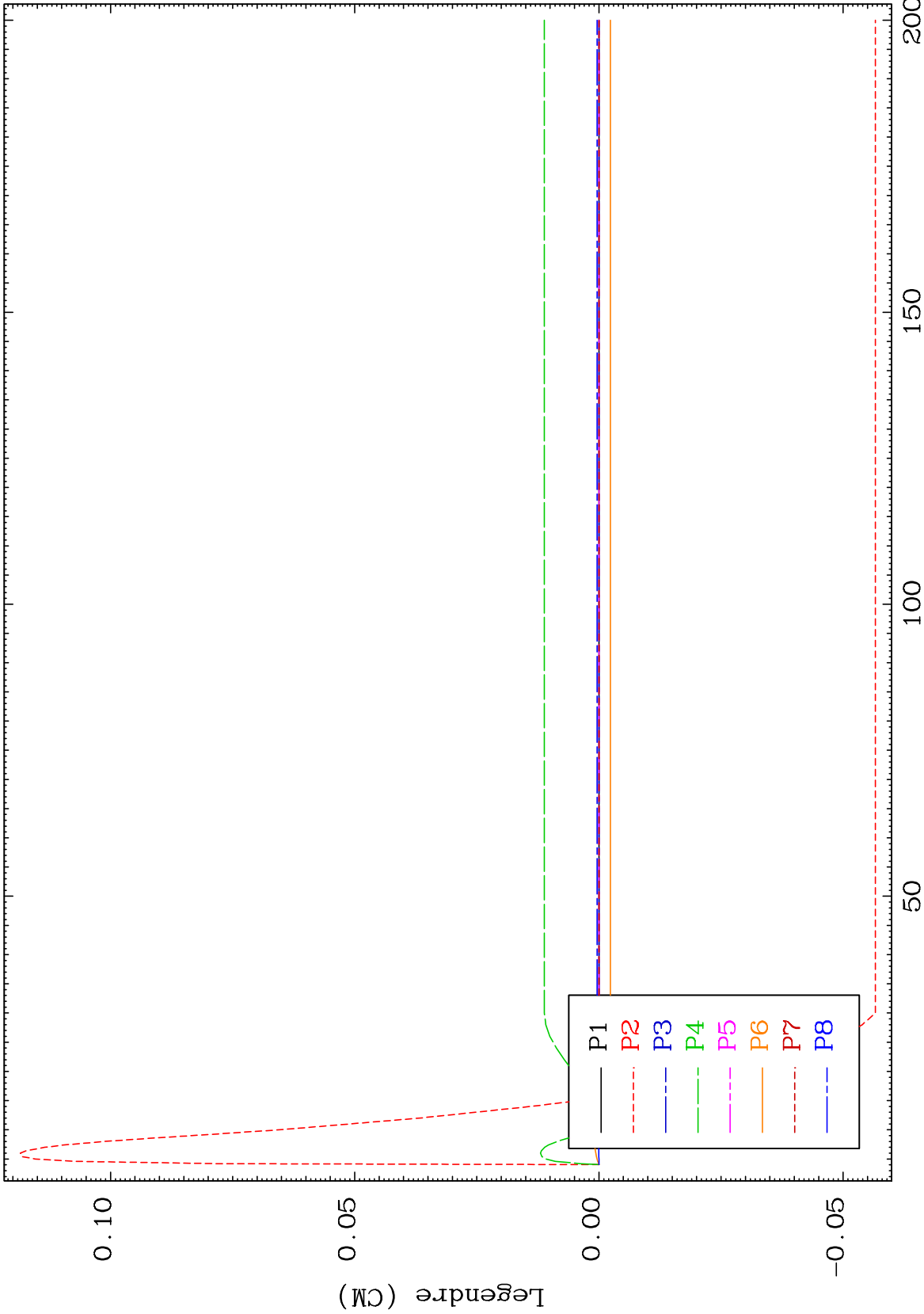
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



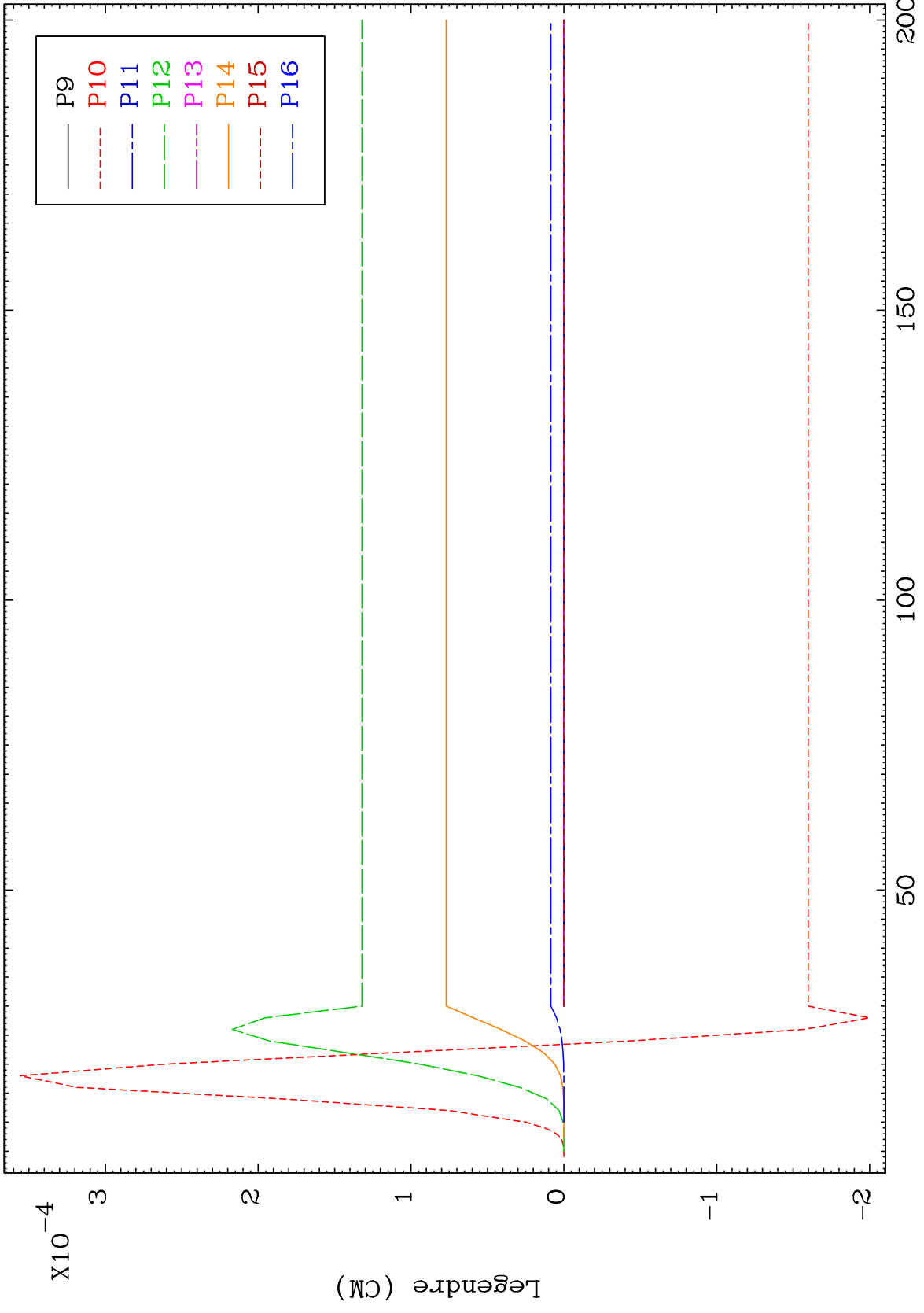
103

Incident Energy (MeV)

30-Zn-78

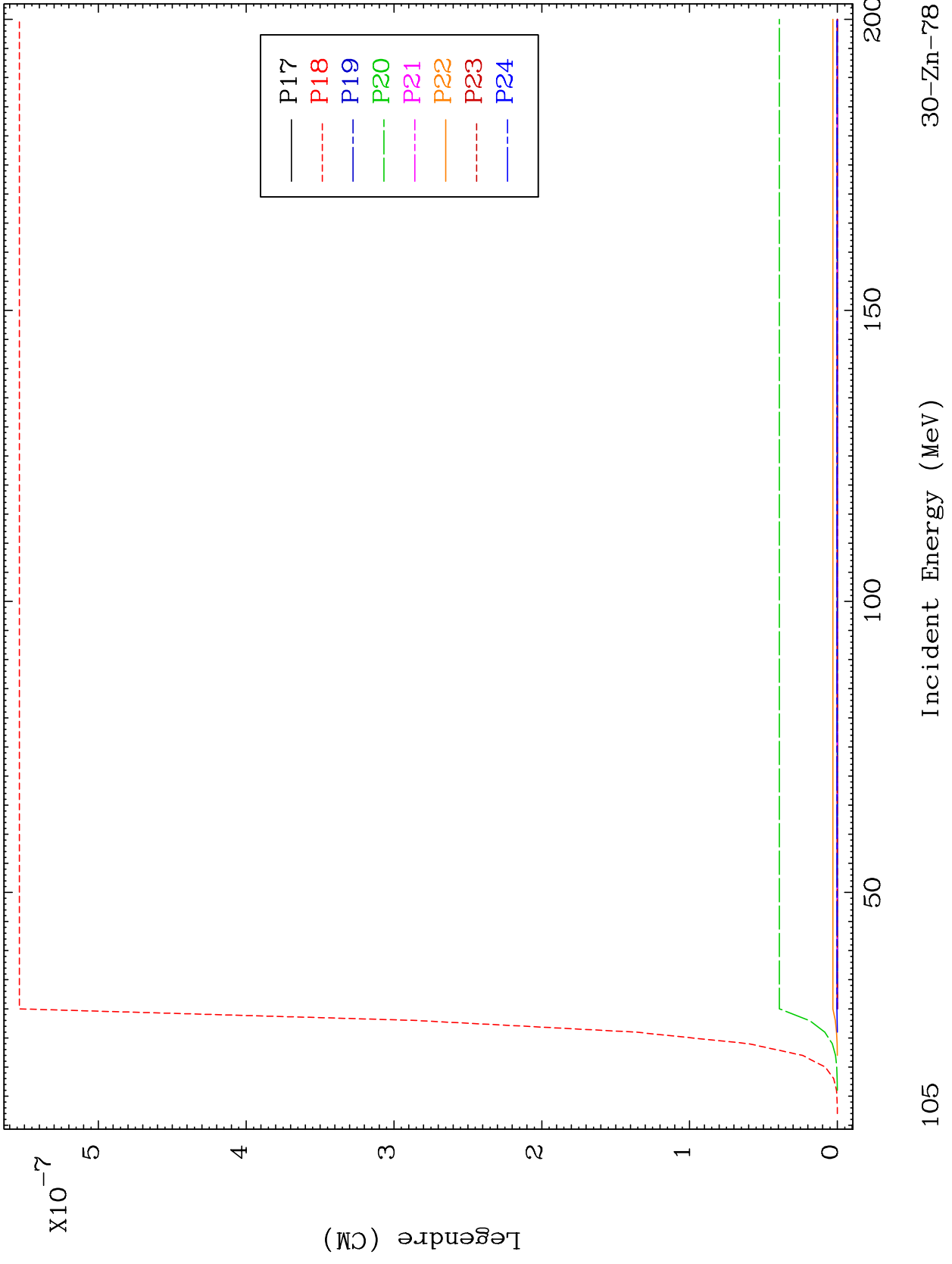


MAT 3067 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-78



104 50 100 150 200 30-Zn-78

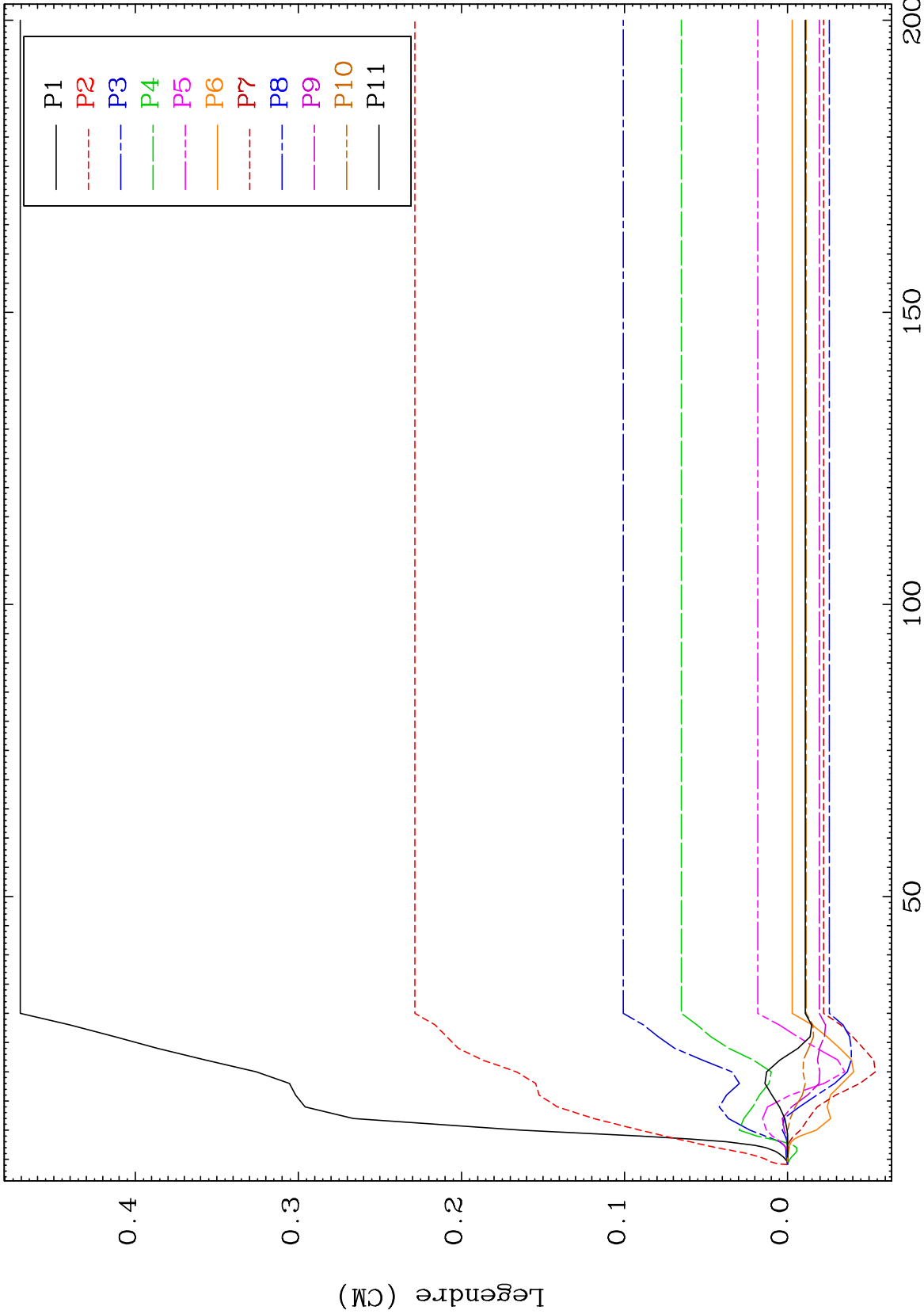
MAT 3067 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78

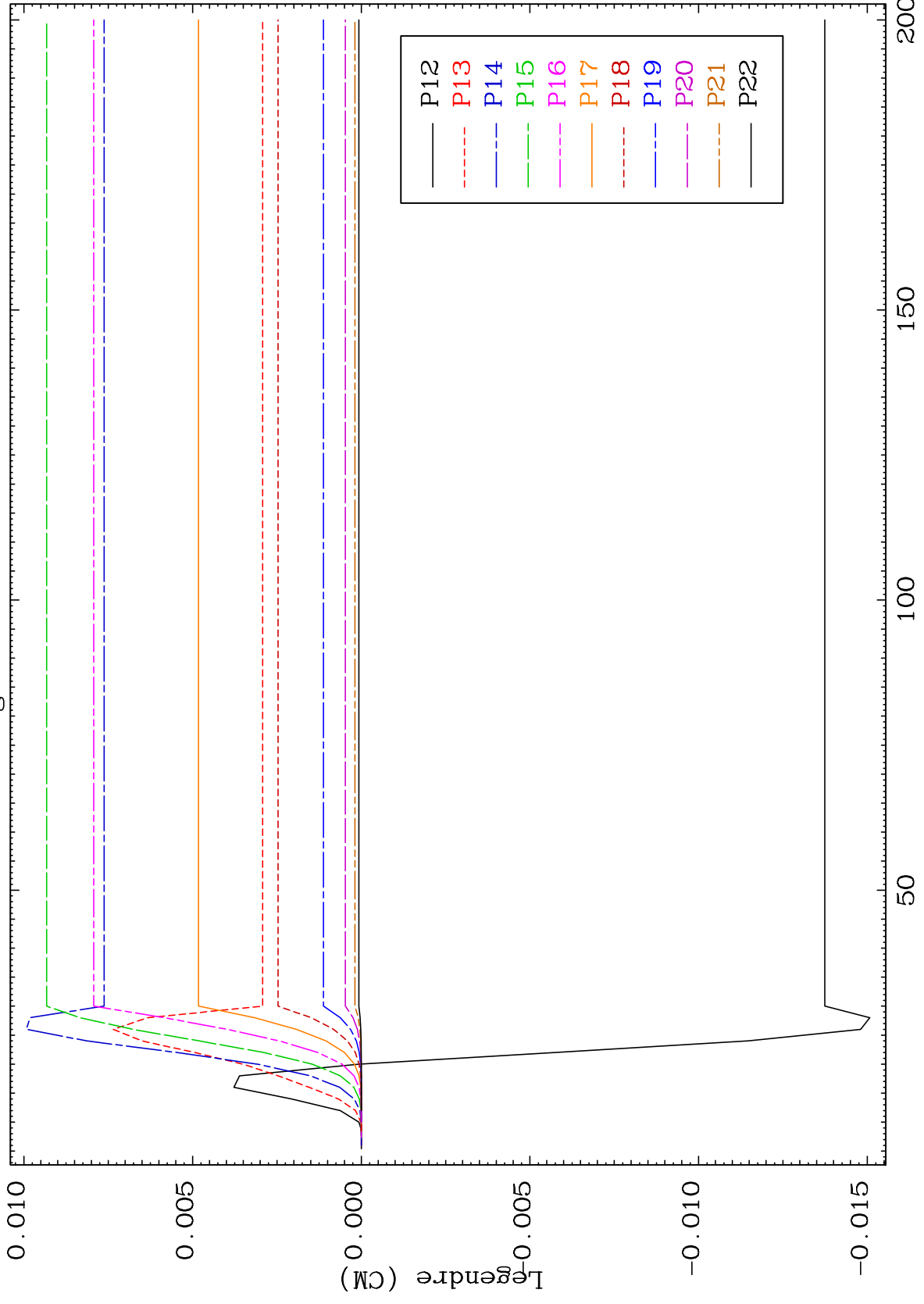


106

Incident Energy (MeV)

30-Zn-78

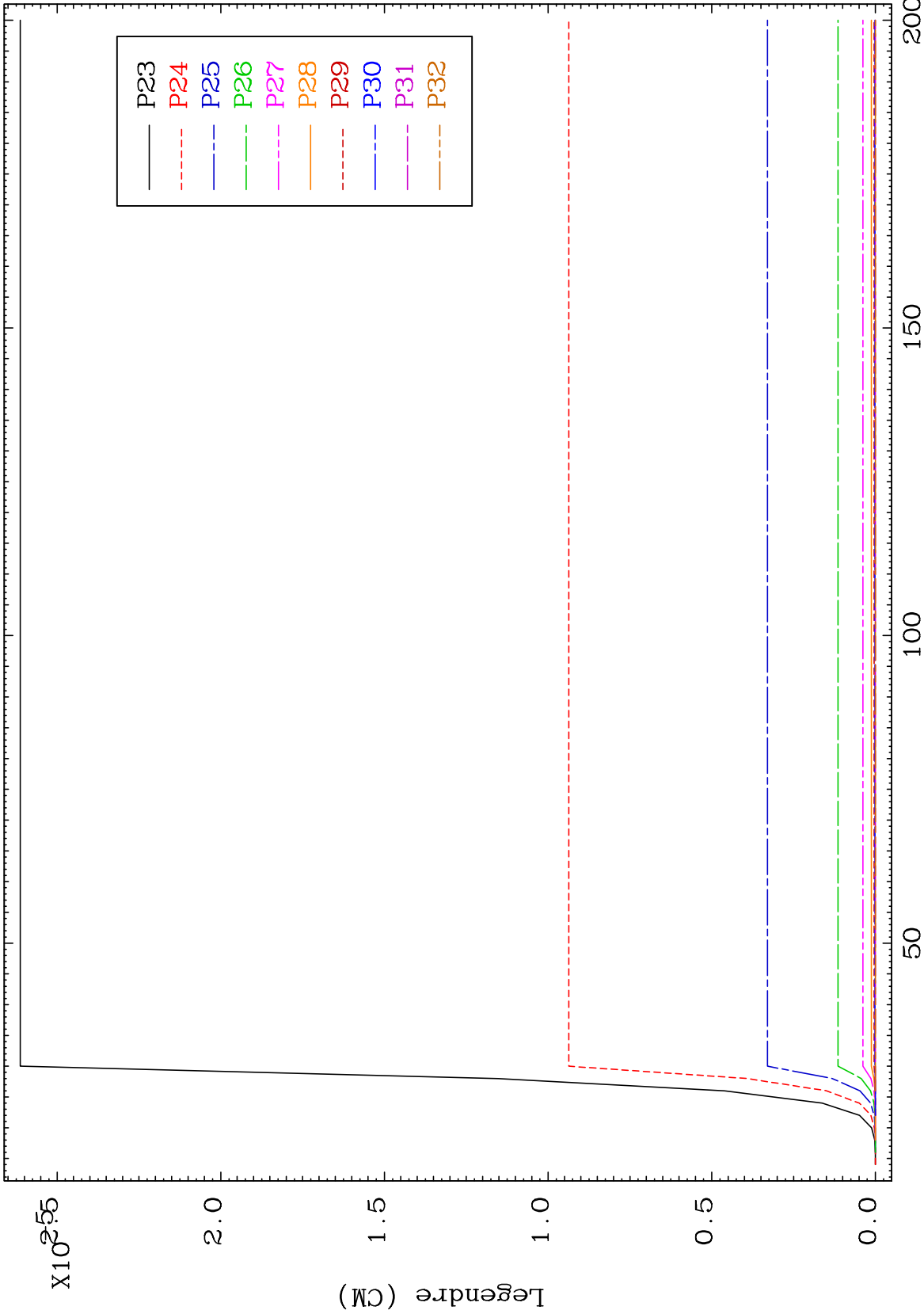
MAT 3067 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-78



MAT 3067

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

30-Zn-78



108

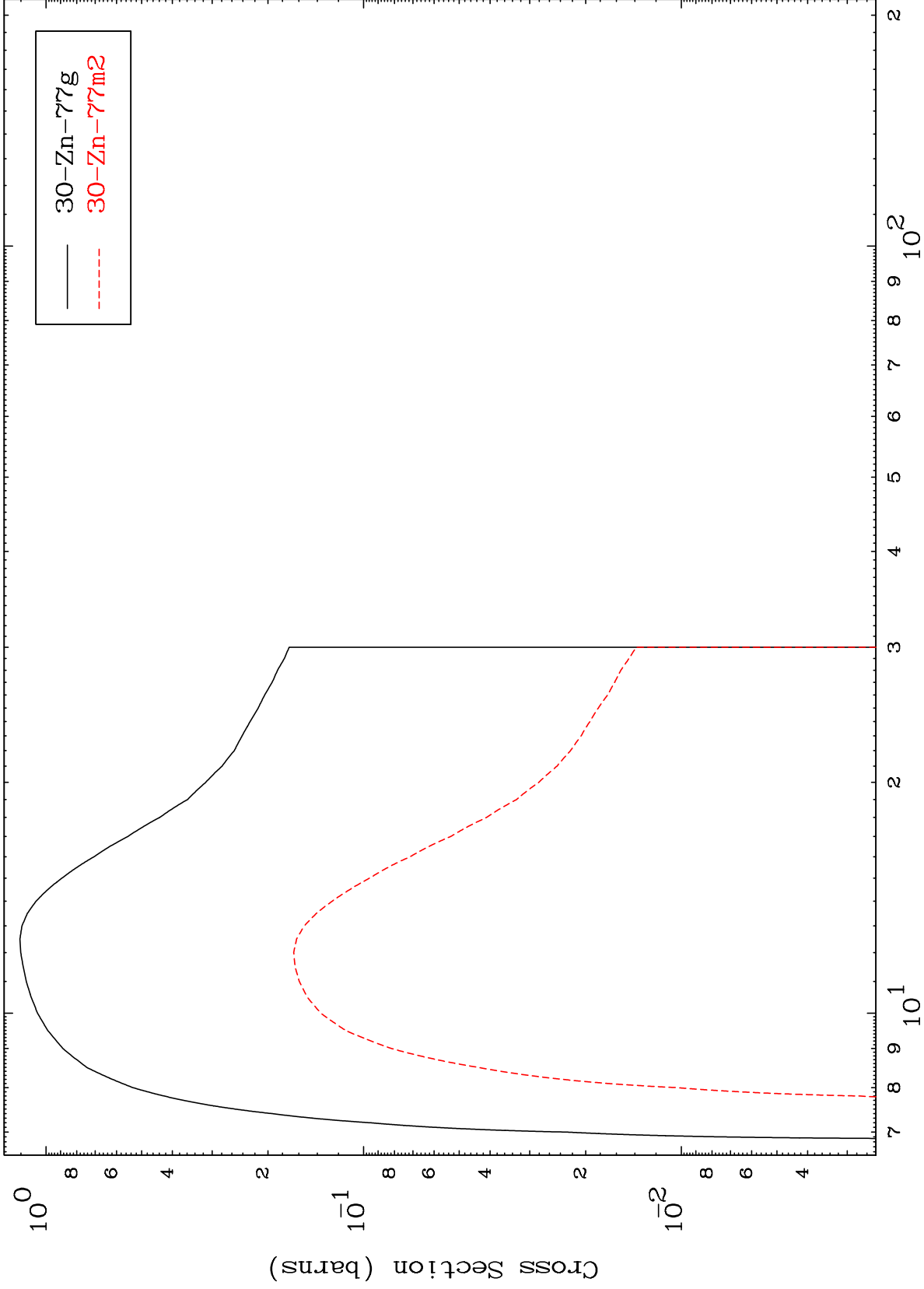
Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

(n,2n)  
Radionuclide Production Cross Section



109

Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

