

Program EVALPLOT
(Version 2018-1)

by

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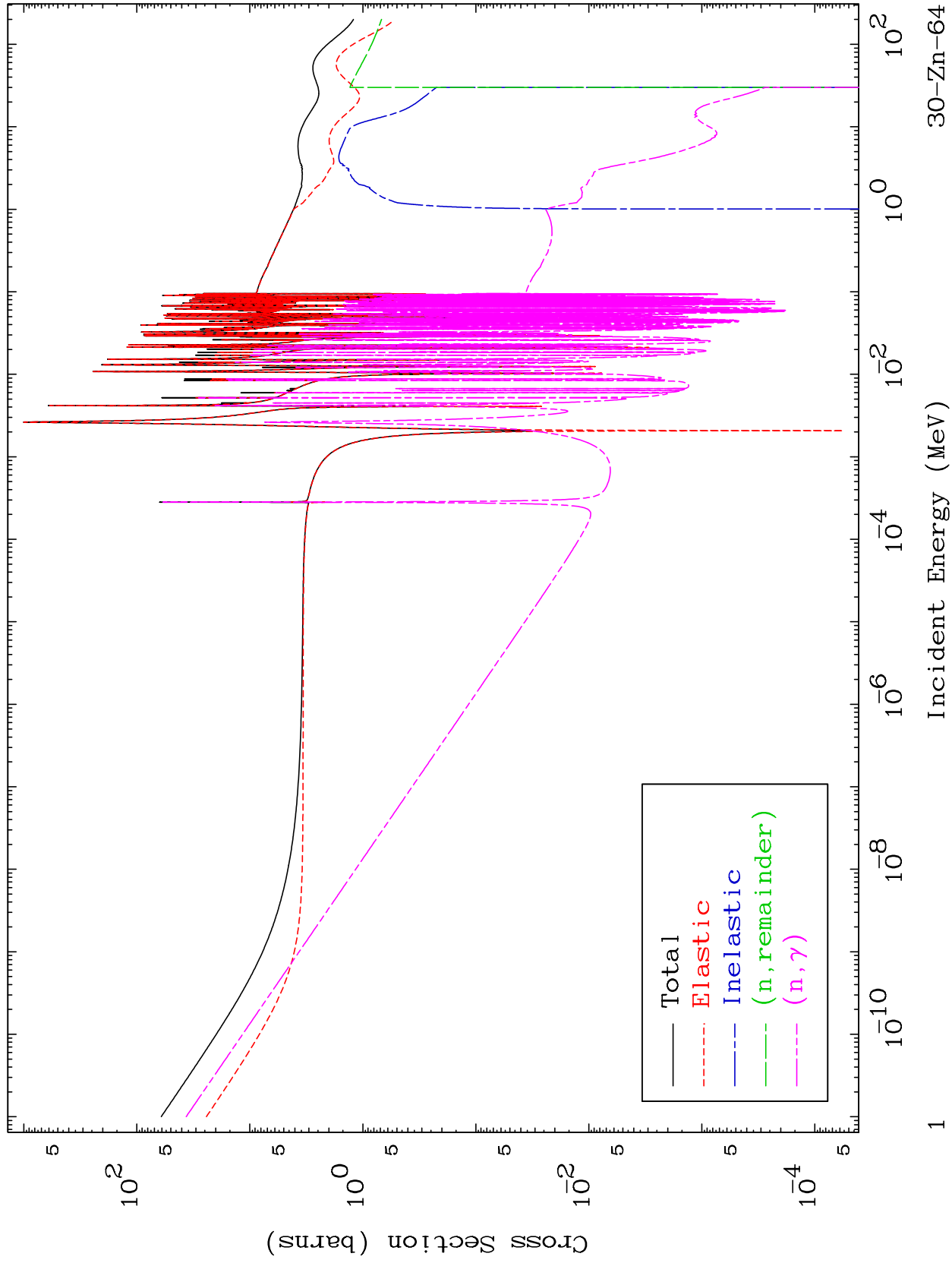
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3025

Major
293 Kelvin Cross Sections

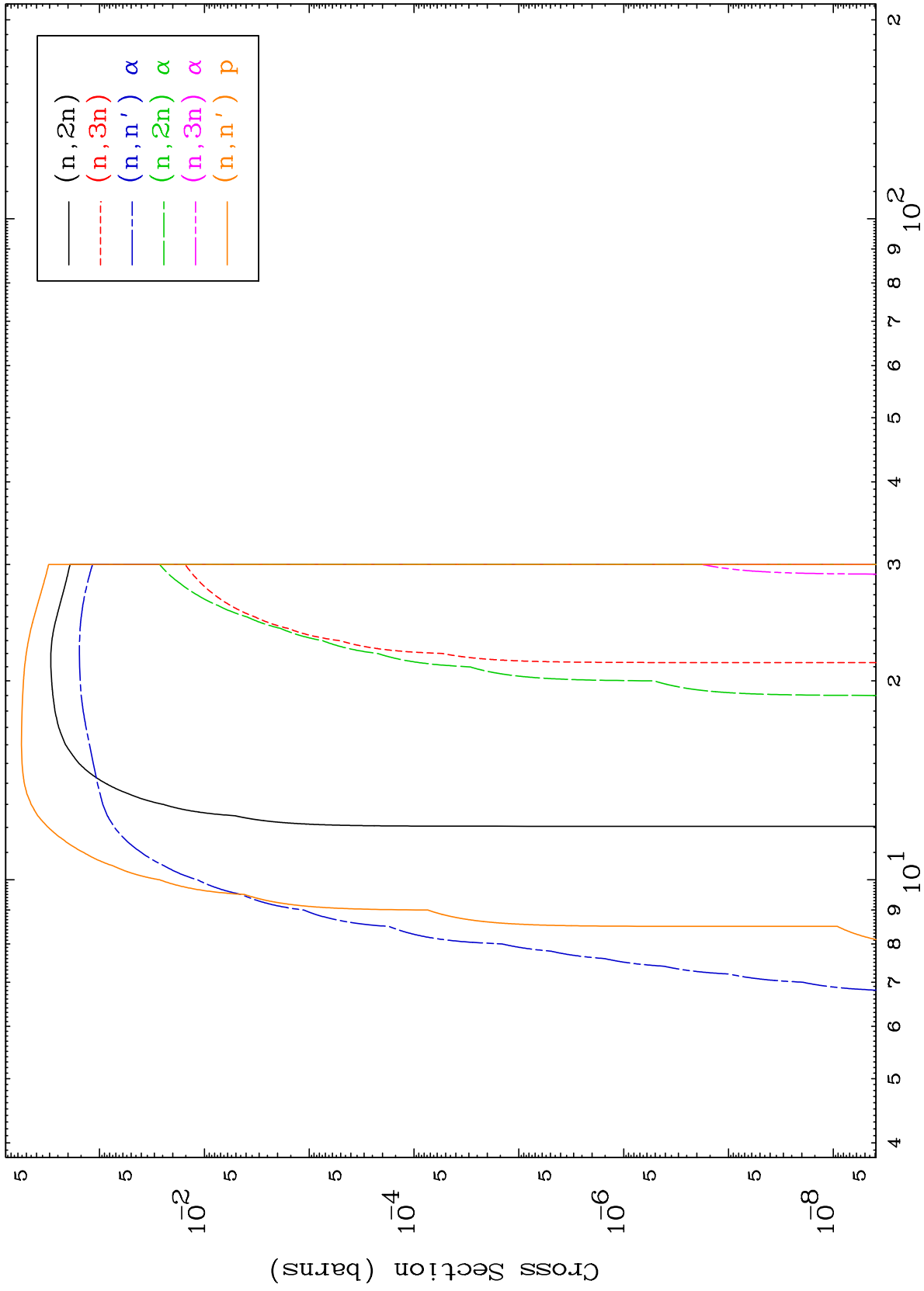
30-Zn-64



MAT 3025

Neutron Production 293 Kelvin Cross Sections

30-Zn-64



2

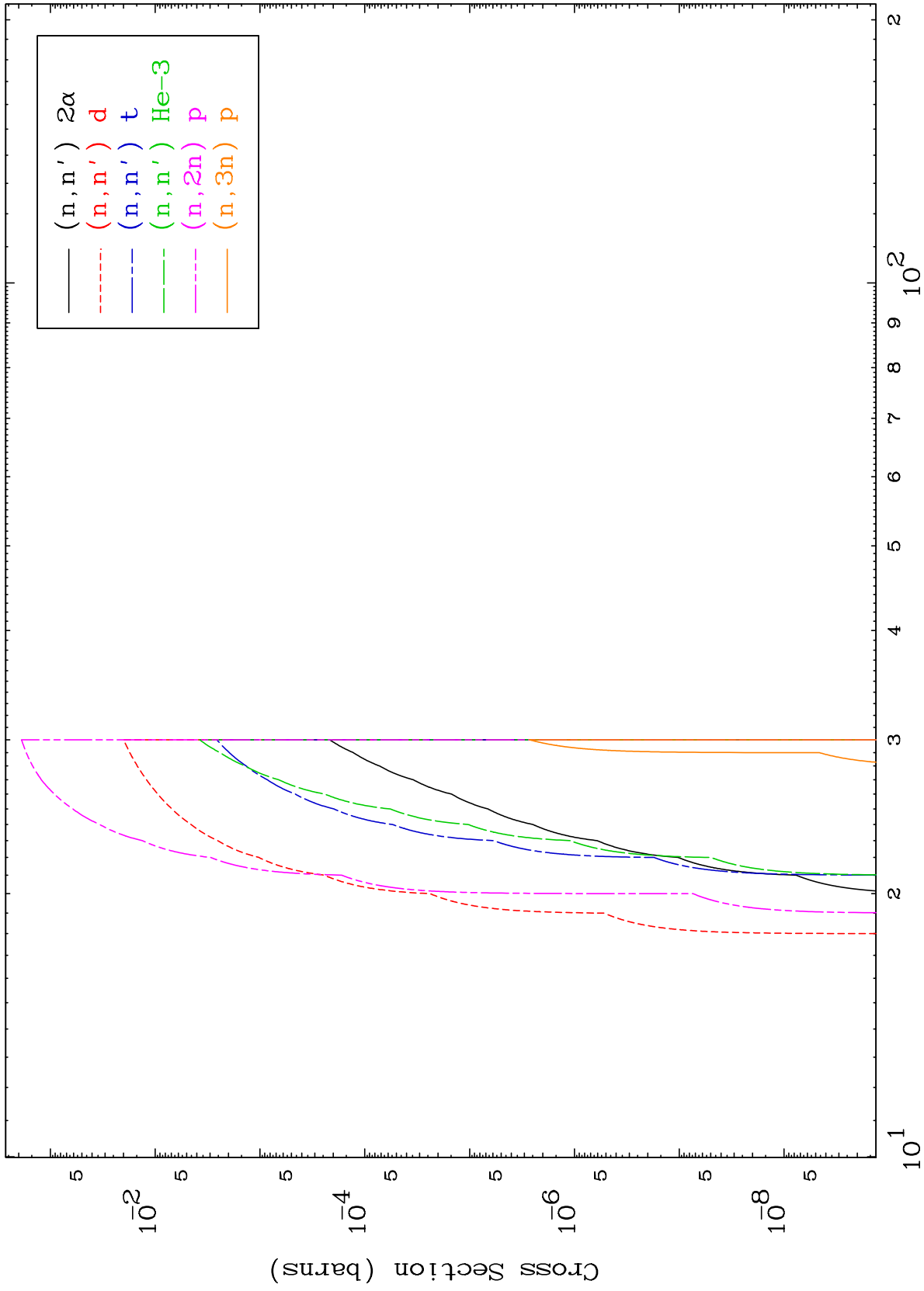
Incident Energy (MeV)

30-Zn-64

MAT 3025

Neutron Production
293 Kelvin Cross Sections

30-Zn-64



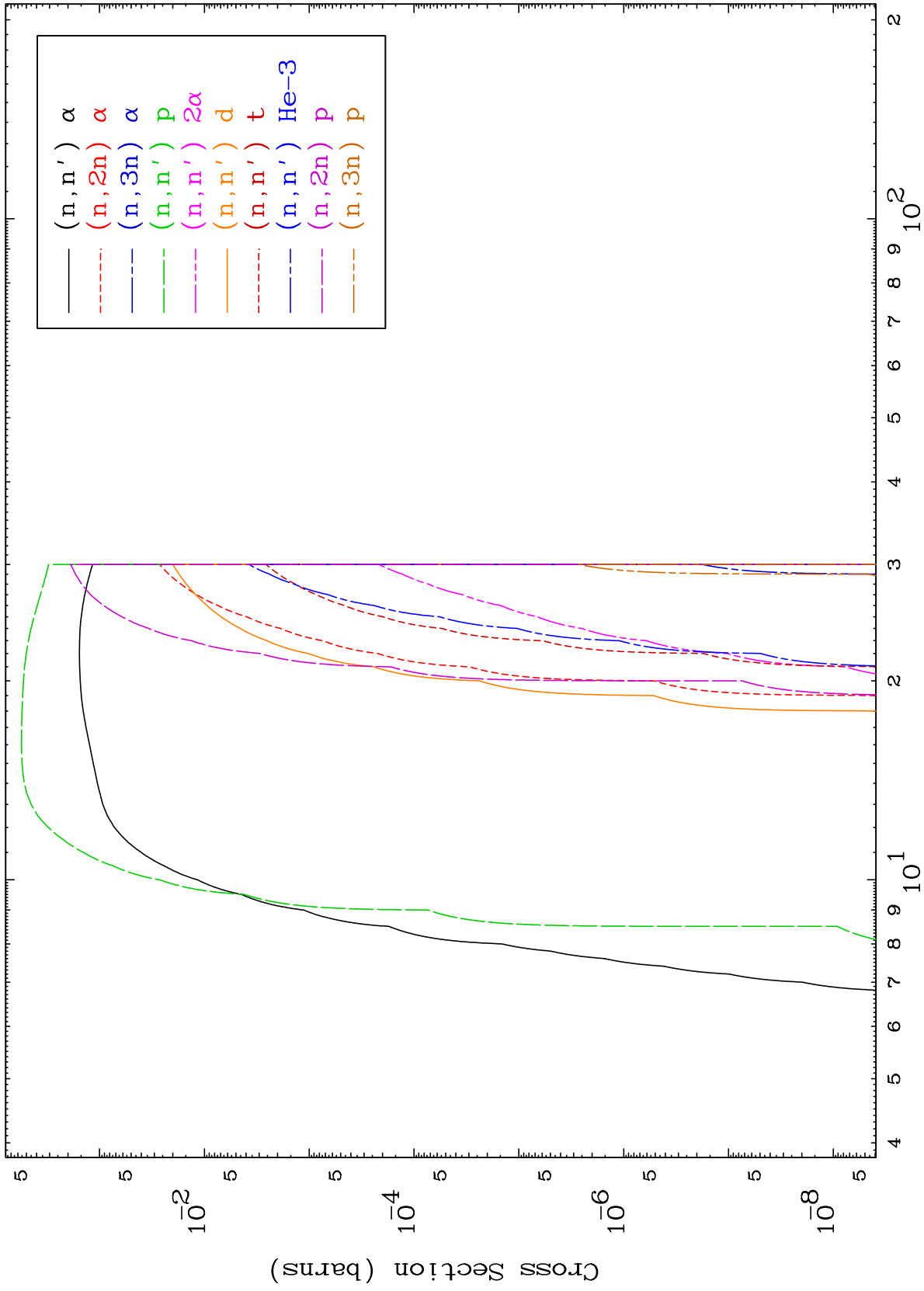
Incident Energy (MeV)

30-Zn-64

MAT 3025

Charged Particle
293 Kelvin Cross Sections

30-Zn-64



4

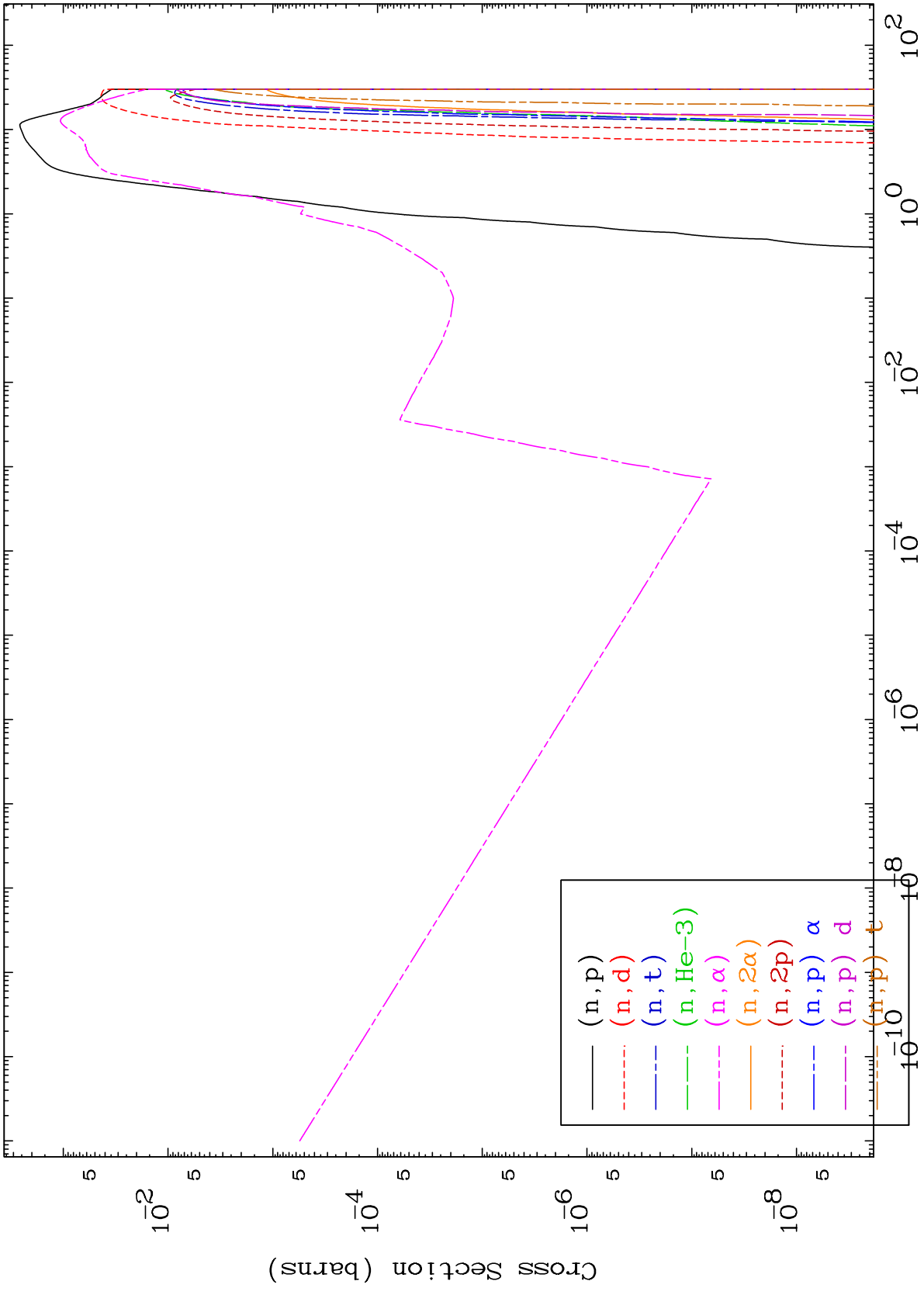
Incident Energy (MeV)

30-Zn-64

MAT 3025

293 Charged Particle
Kelvin Cross Sections

30-Zn-64



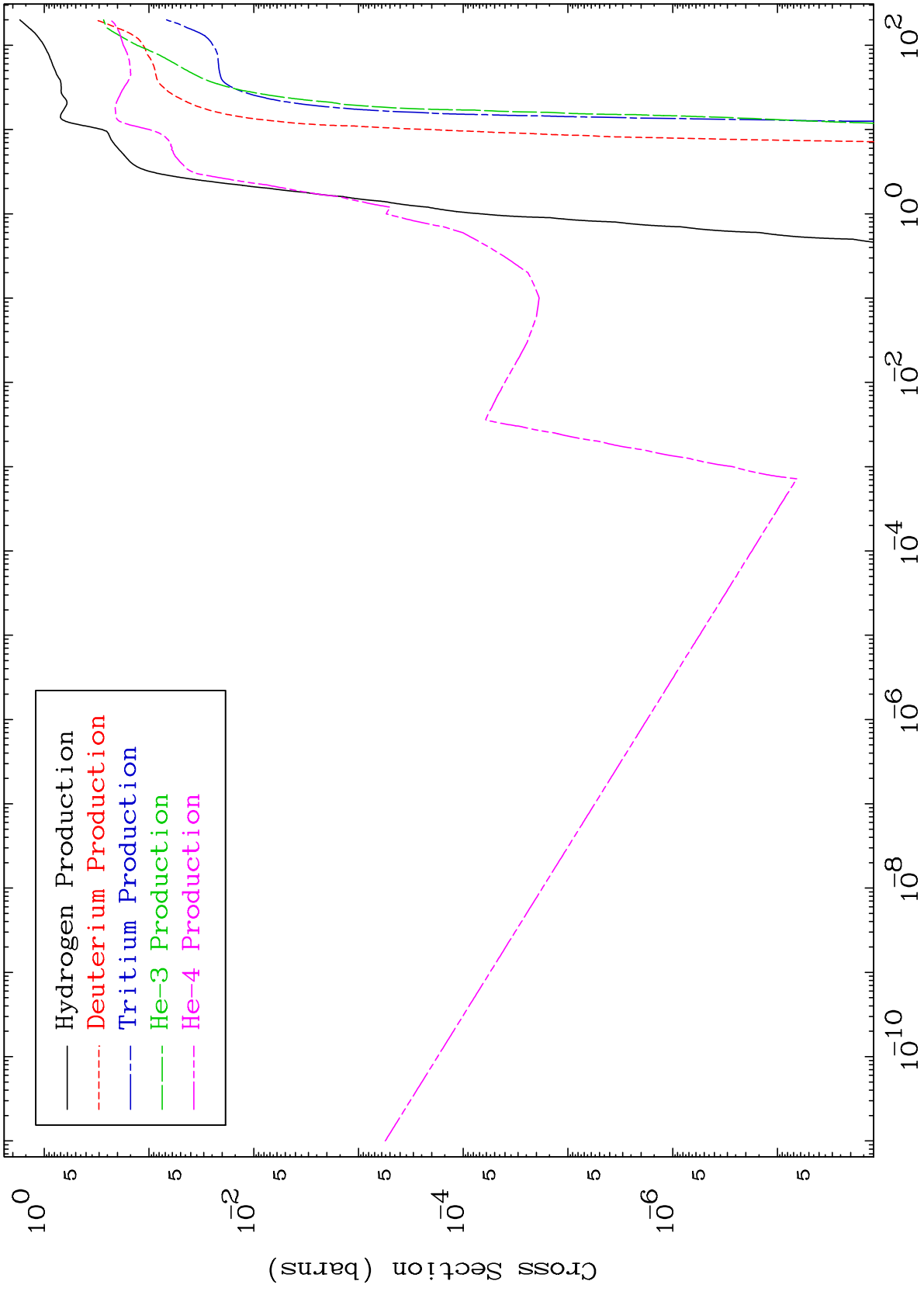
5

30-Zn-64

MAT 3025

Particle Production
293 Kelvin Cross Sections

30-Zn-64



6

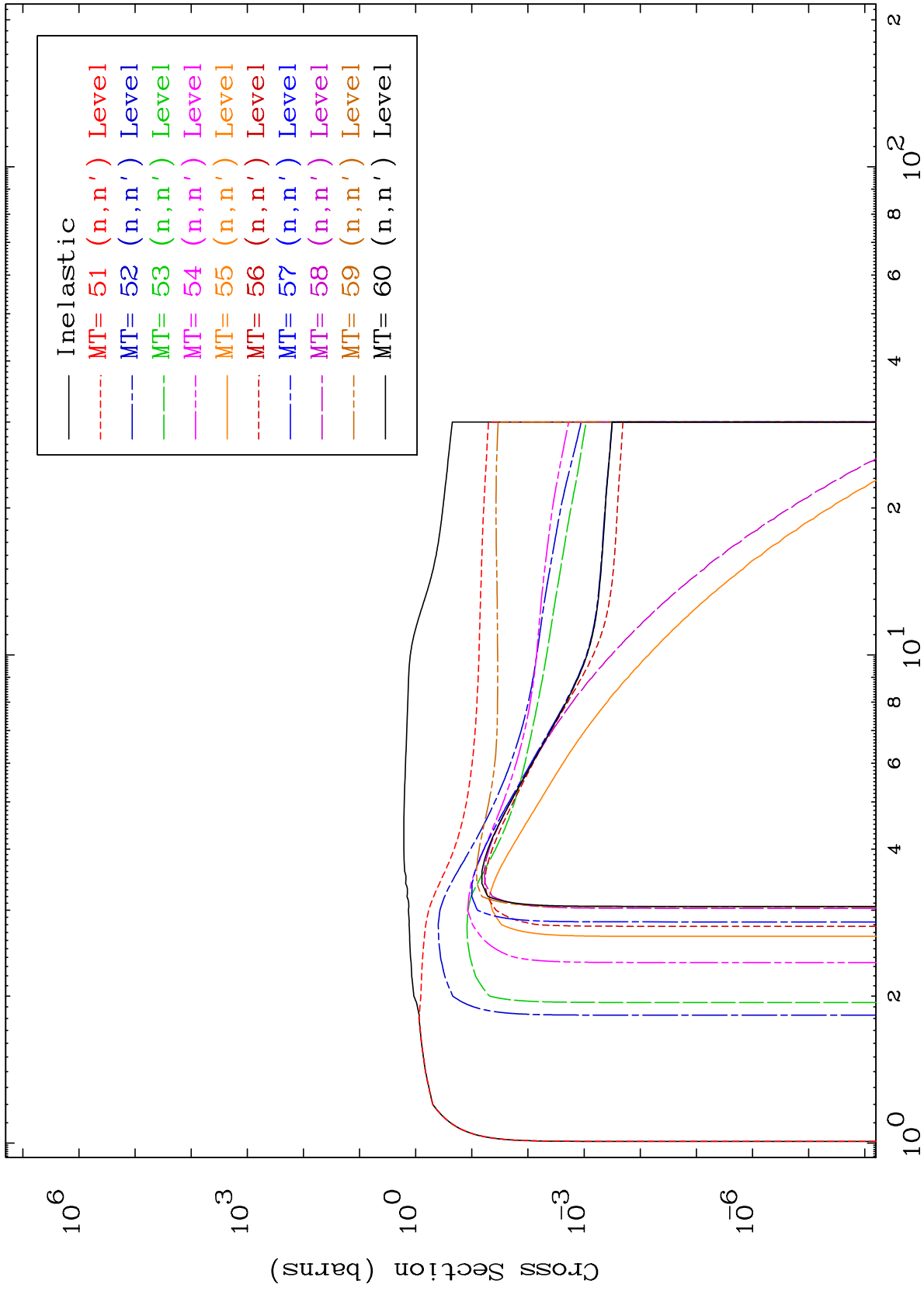
30-Zn-64

MAT 3025

(n,n') Level

30-Zn-64

293 Kelvin Cross Sections



Incident Energy (MeV)

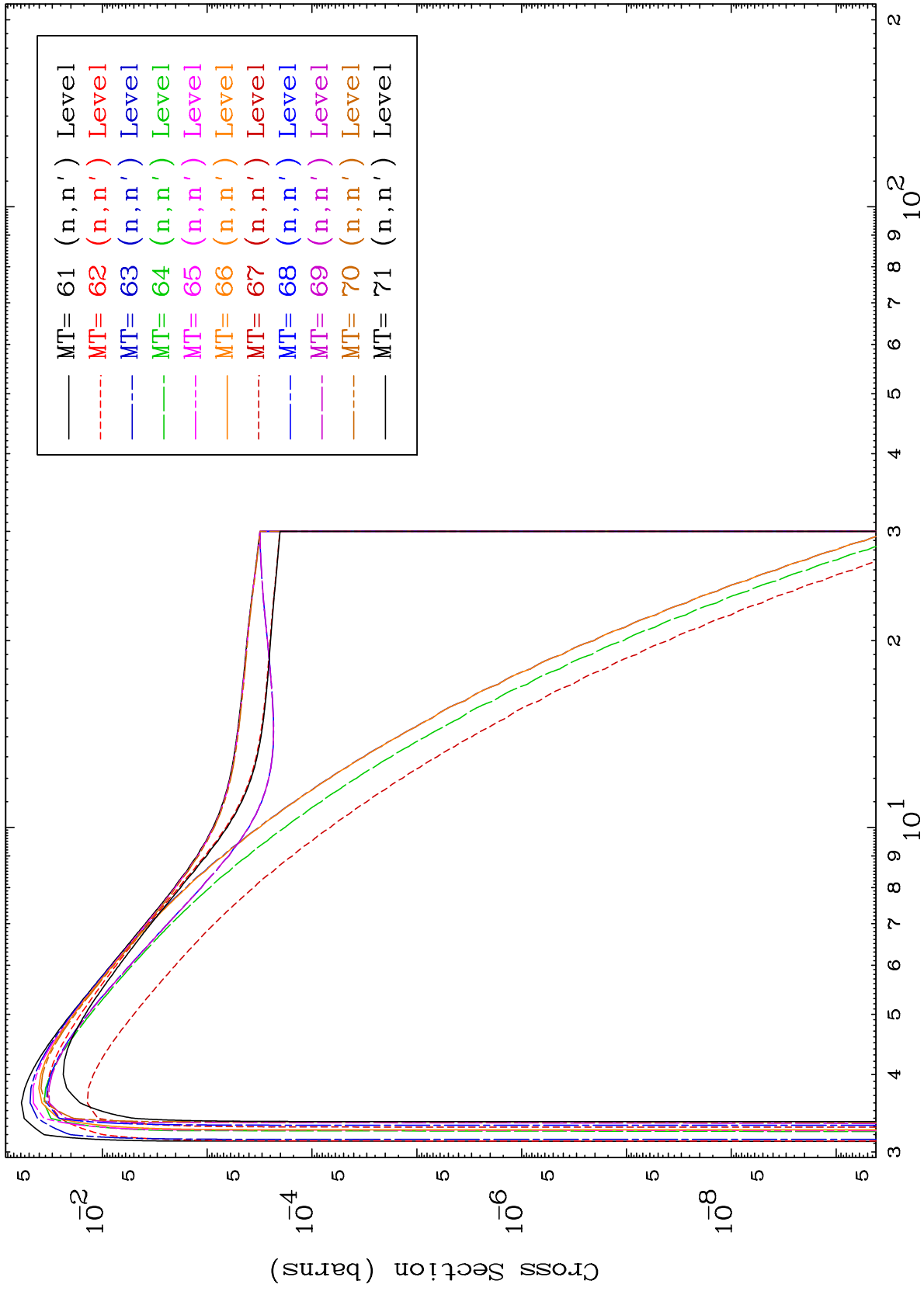
30-Zn-64

MAT 3025

(n,n') Level

30-Zn-64

293 Kelvin Cross Sections



8

Incident Energy (MeV)

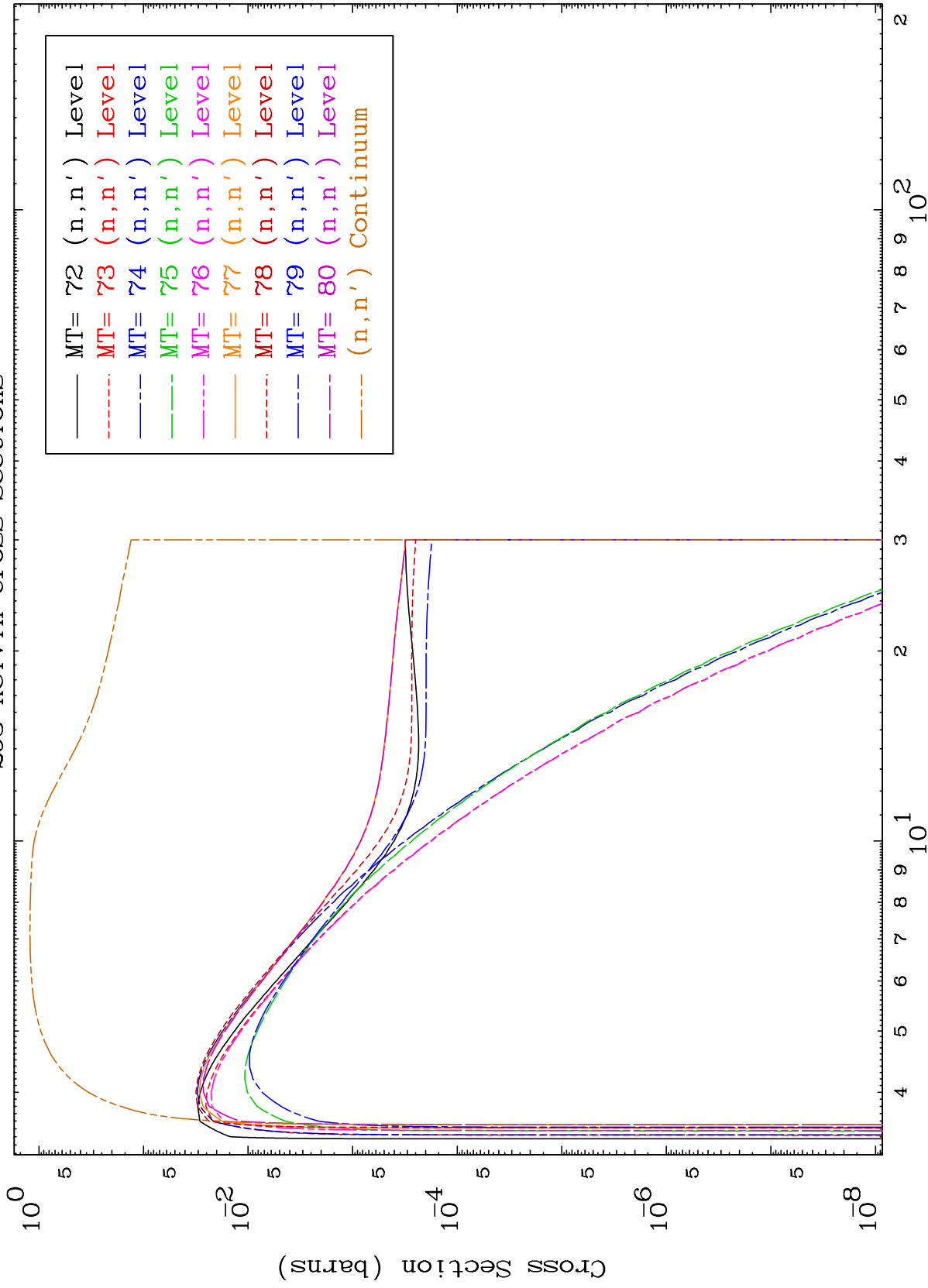
30-Zn-64

MAT 3025

(n,n') Level

30-Zn-64

293 Kelvin Cross Sections



9

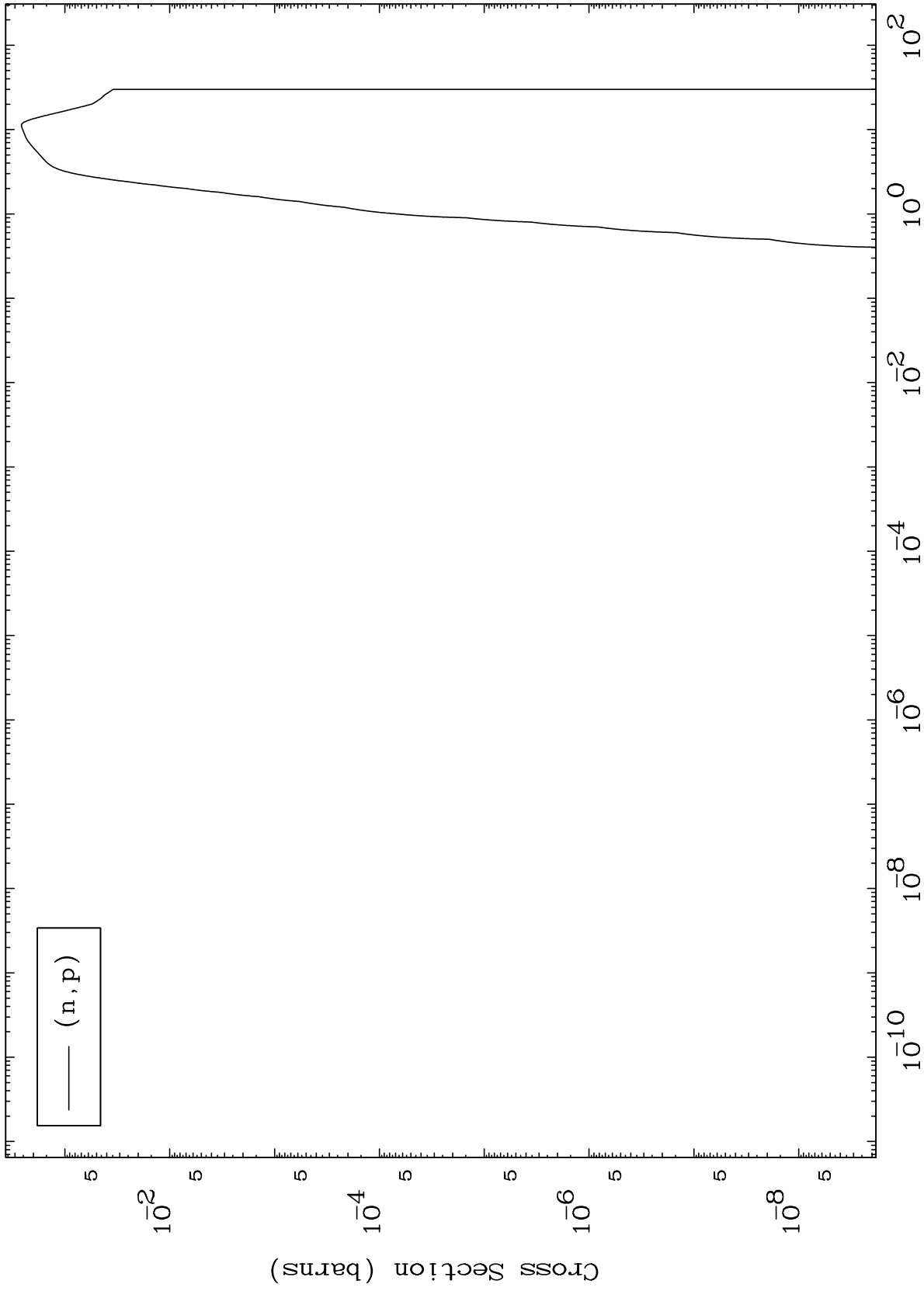
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-64



10

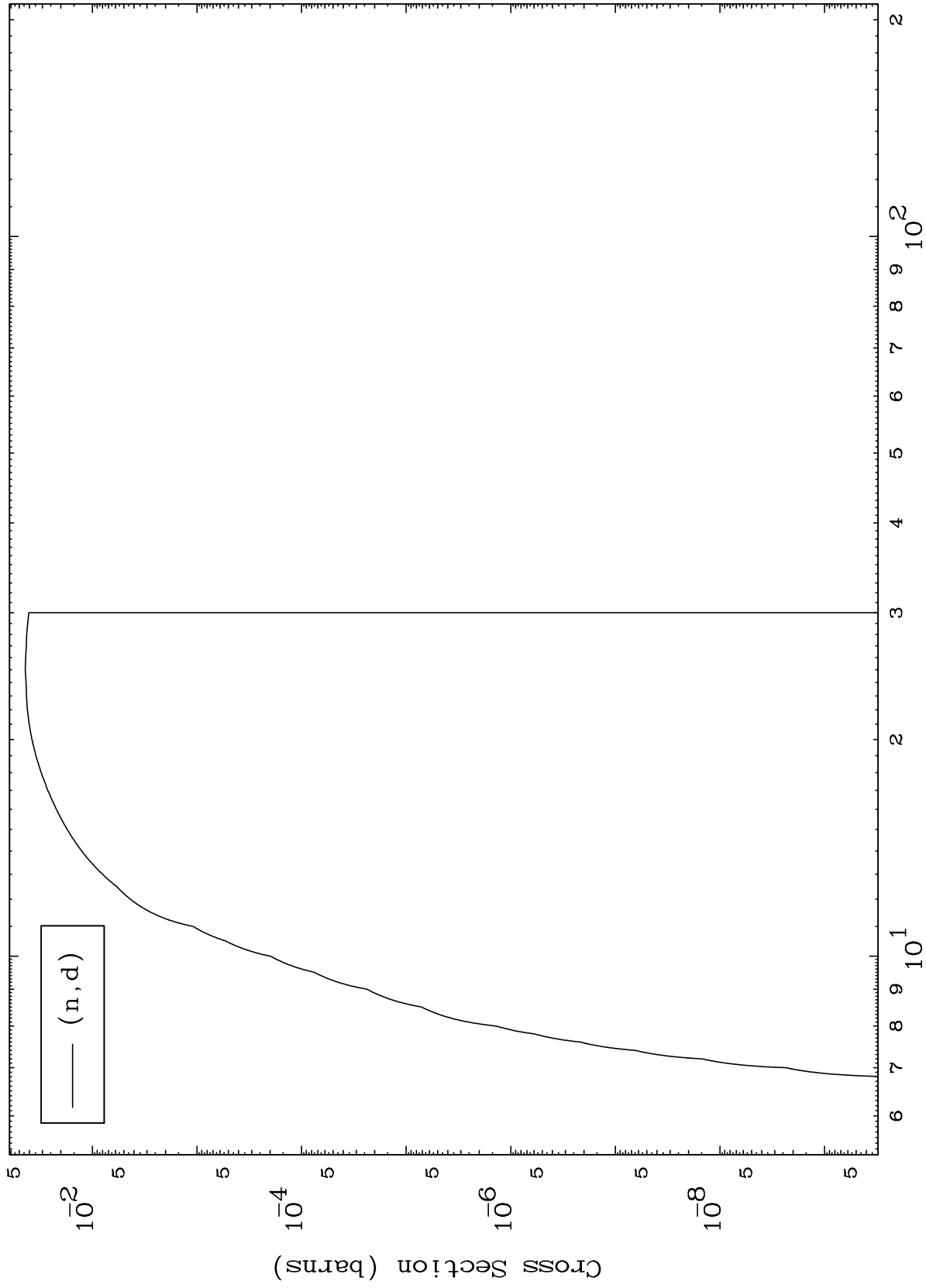
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n,d) Levels
293 Kelvin Cross Sections

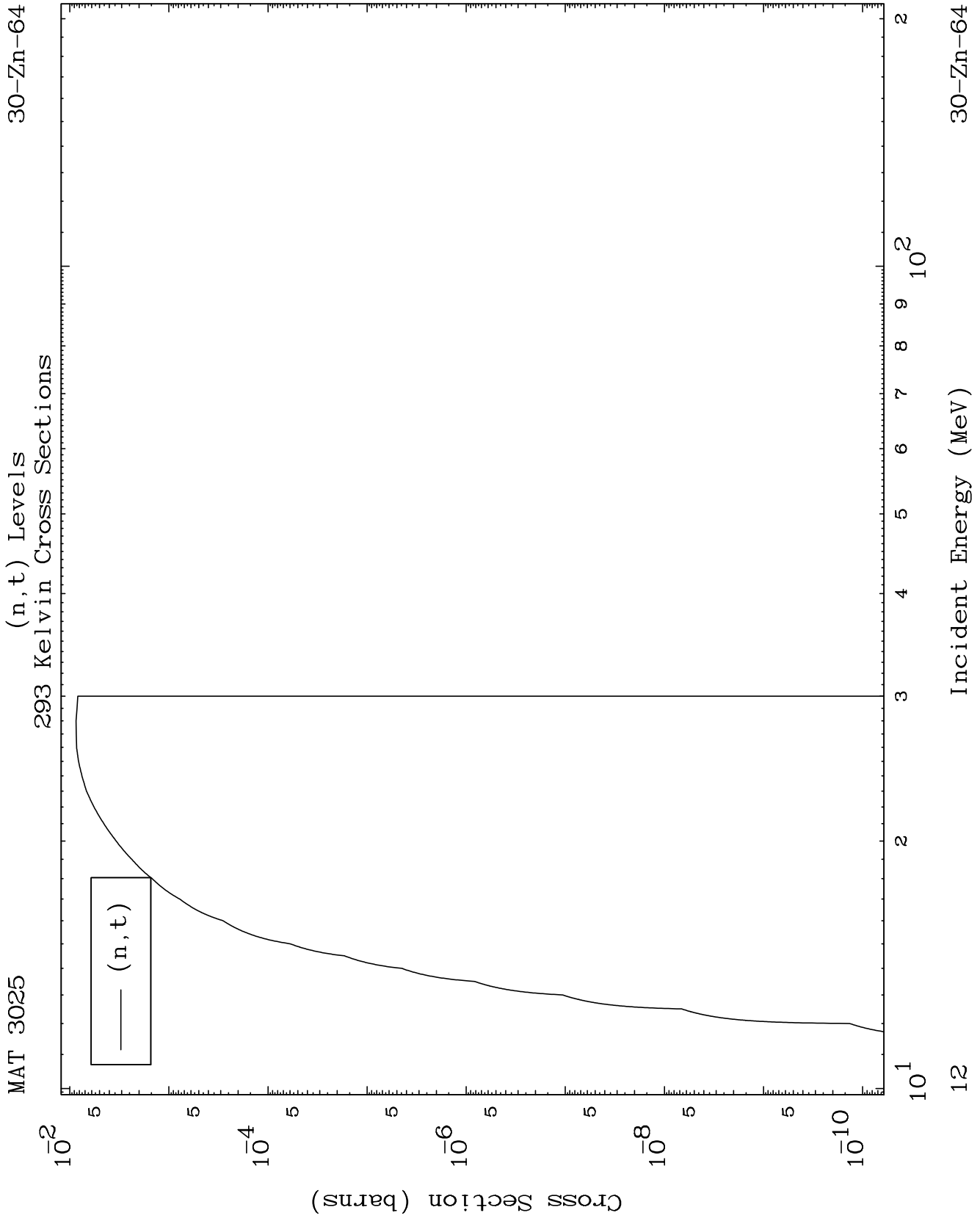
30-Zn-64



11

Incident Energy (MeV)

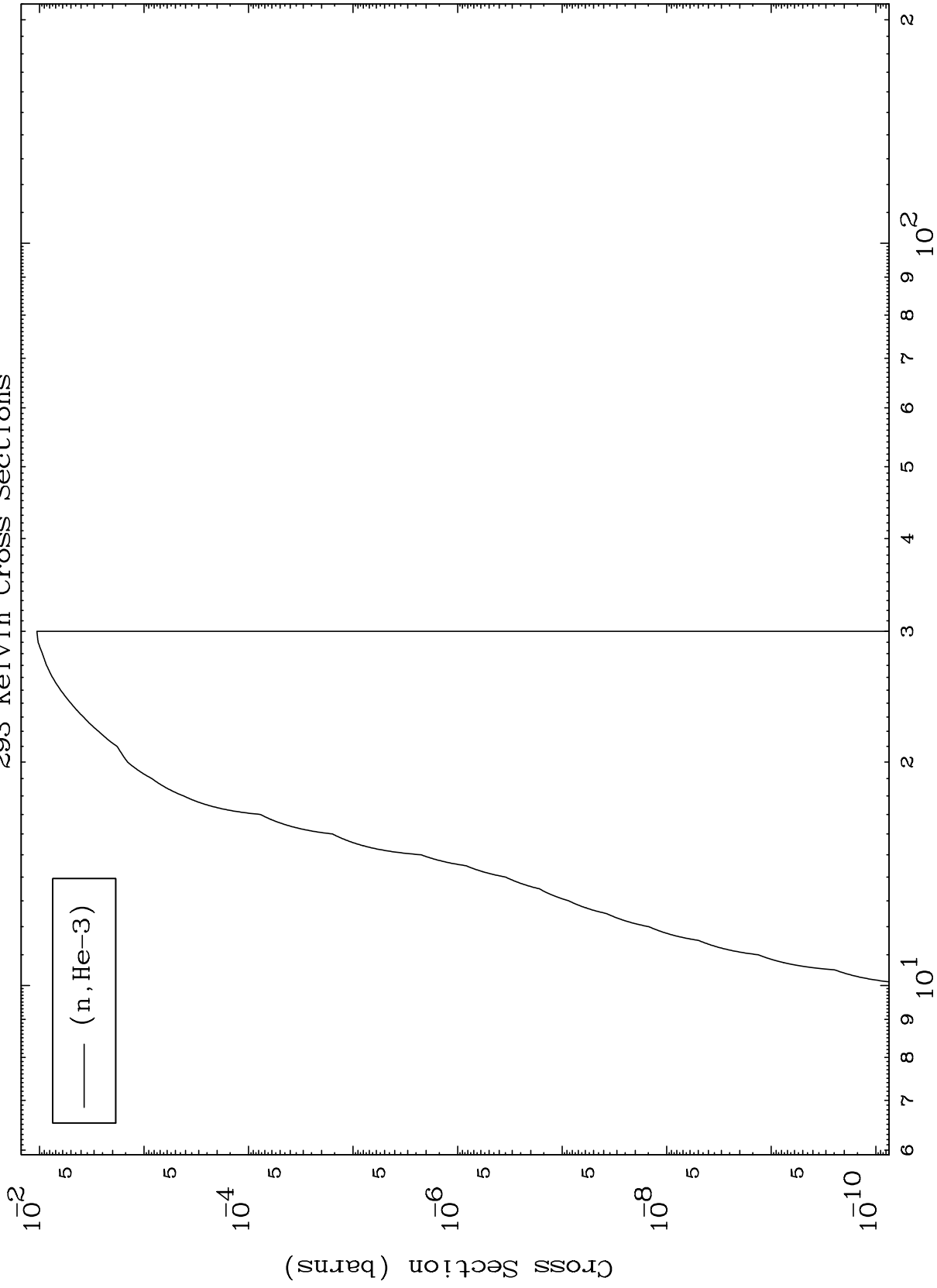
30-Zn-64



MAT 3025

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-64



13

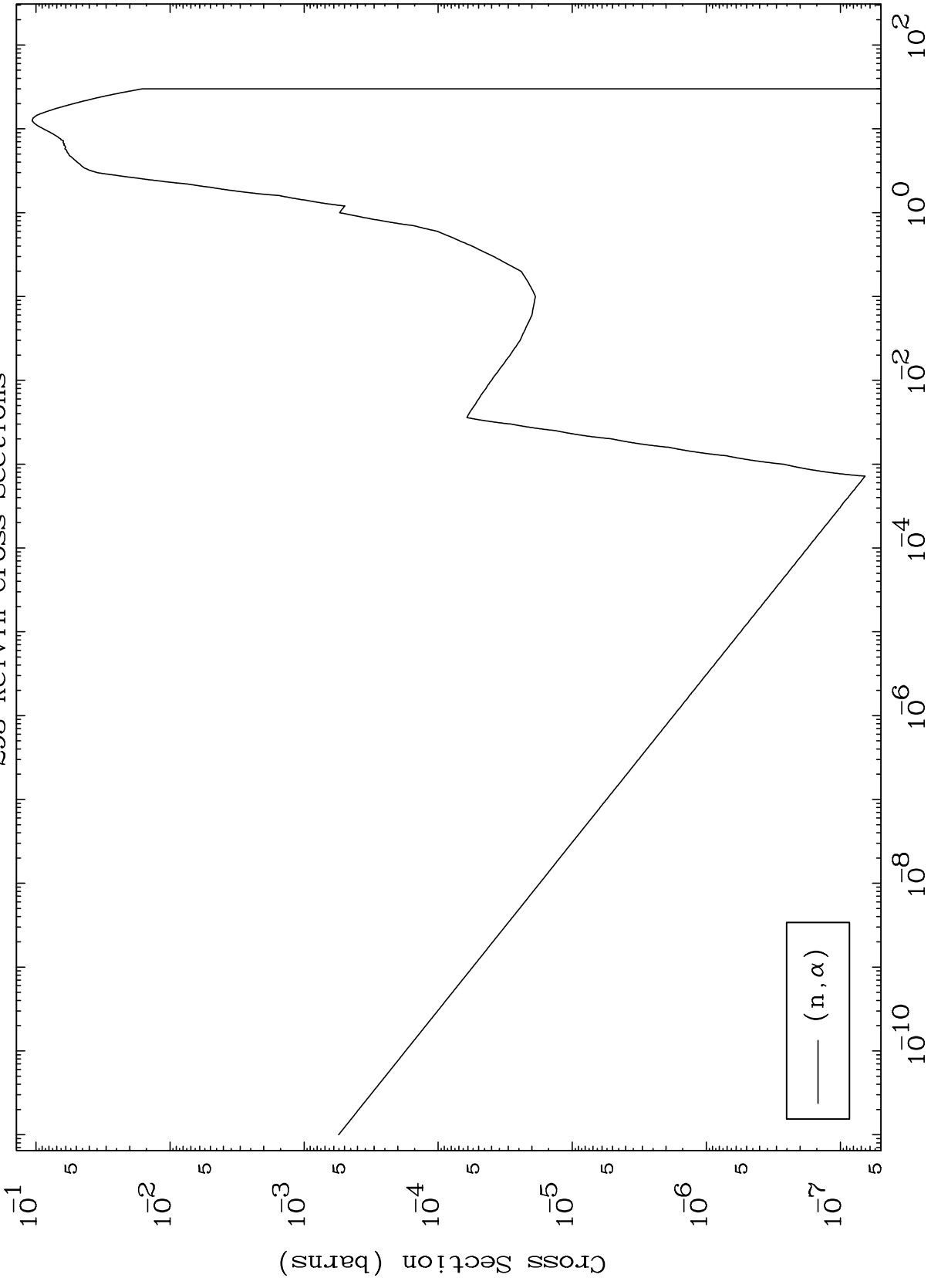
Incident Energy (MeV)

30-Zn-64

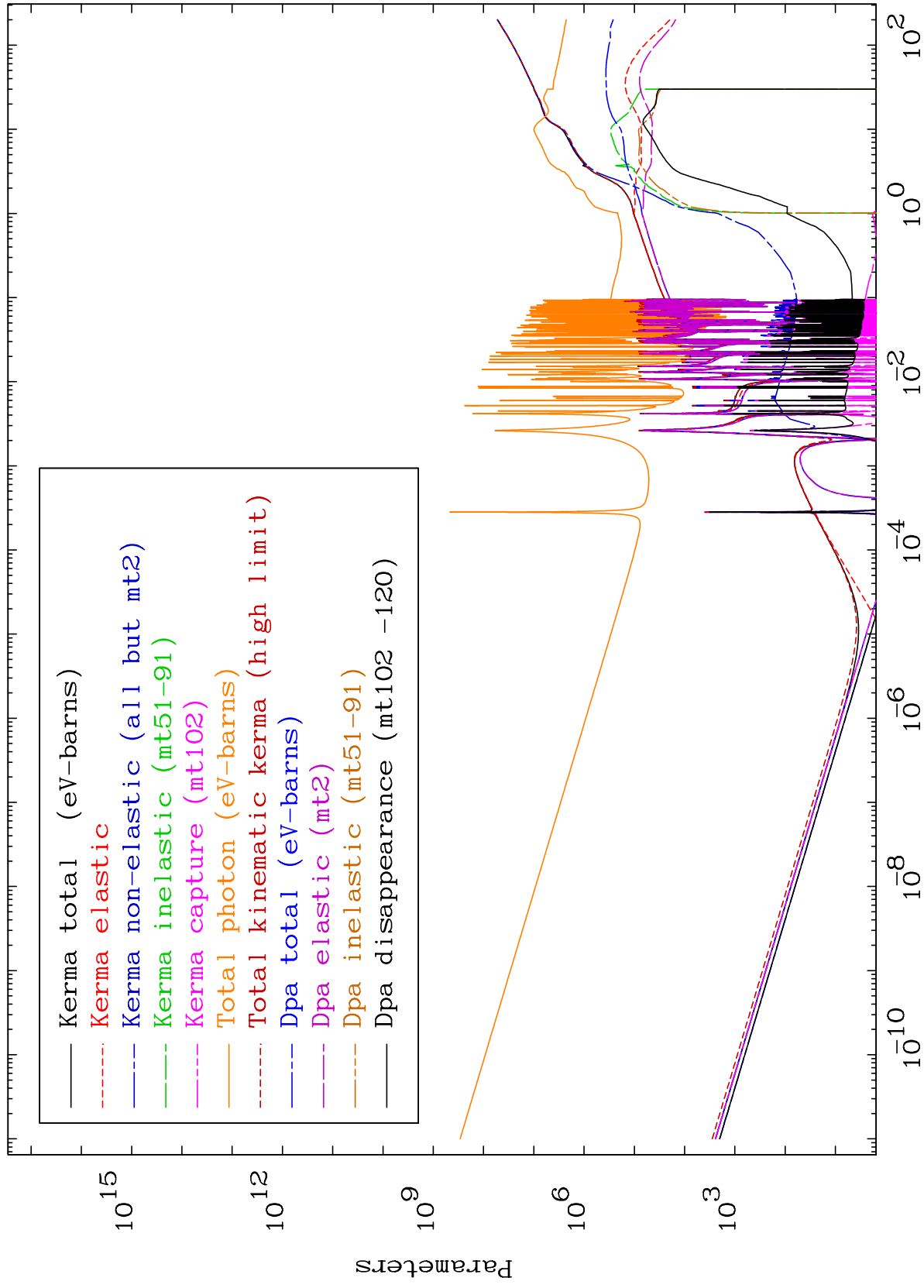
MAT 3025

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-64



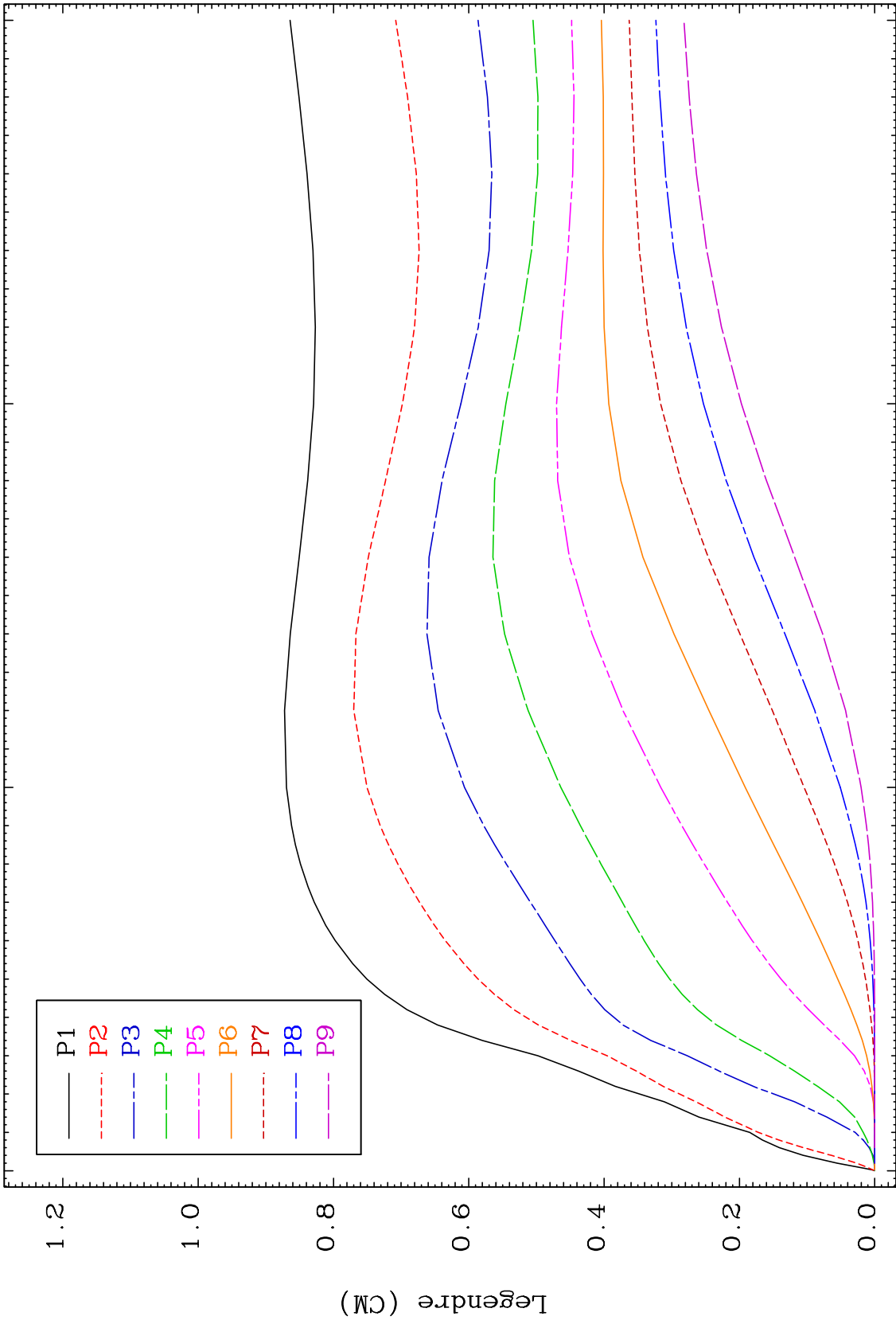
— (n, α)



MAT 3025

Elastic Legendre Coefficients

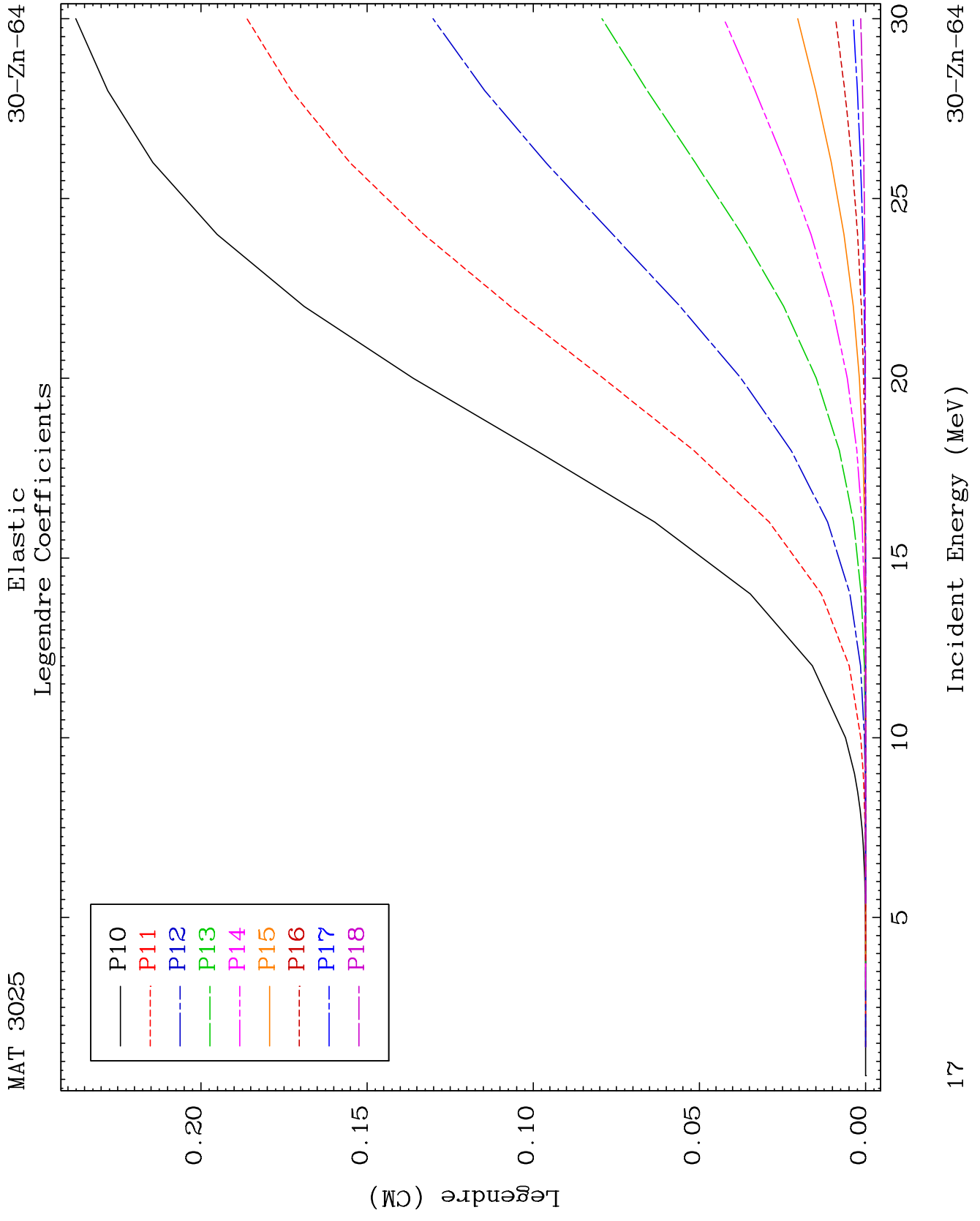
30-Zn-64



16

Incident Energy (MeV)

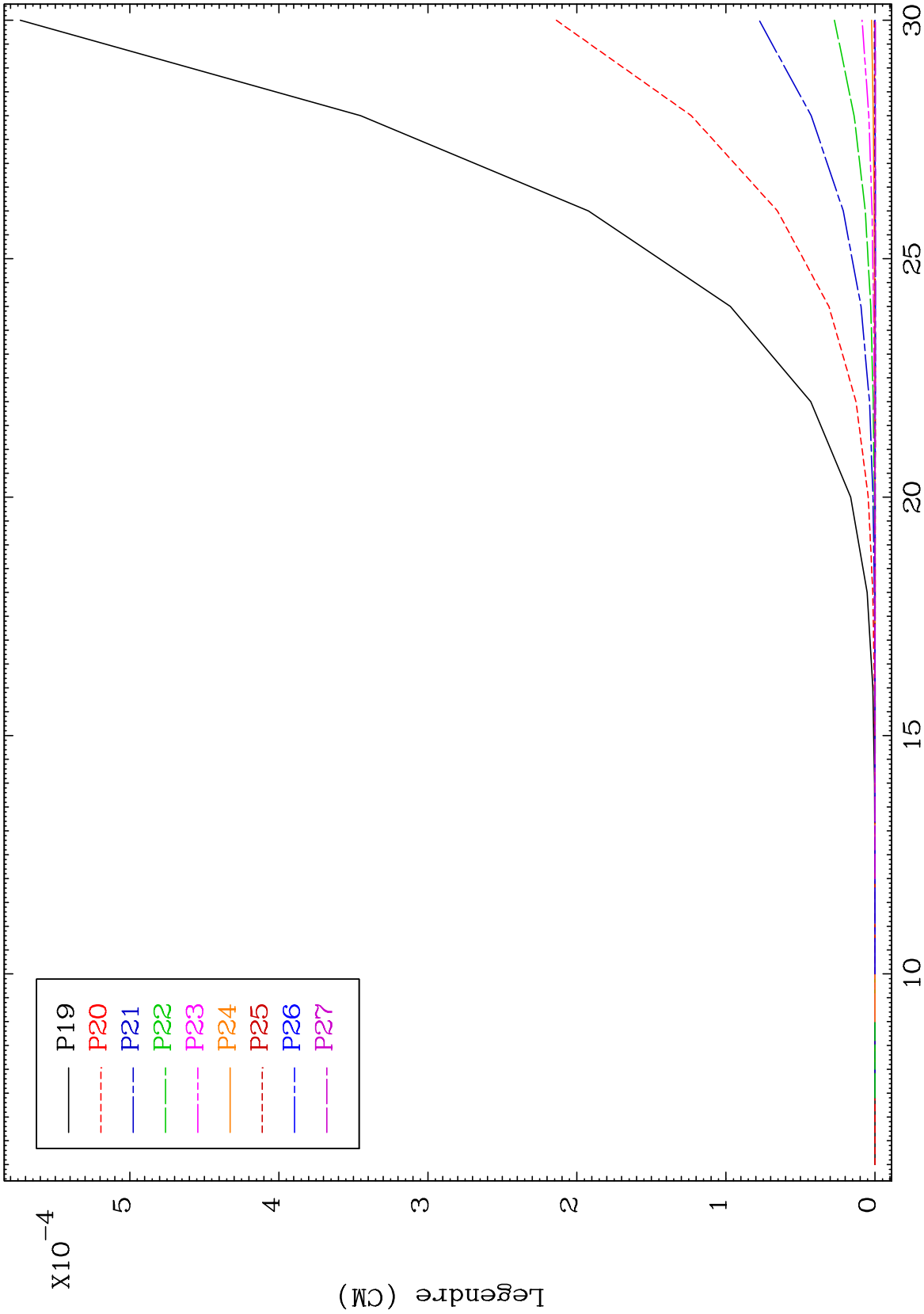
30-Zn-64



MAT 3025

Elastic Legendre Coefficients

30-Zn-64



18

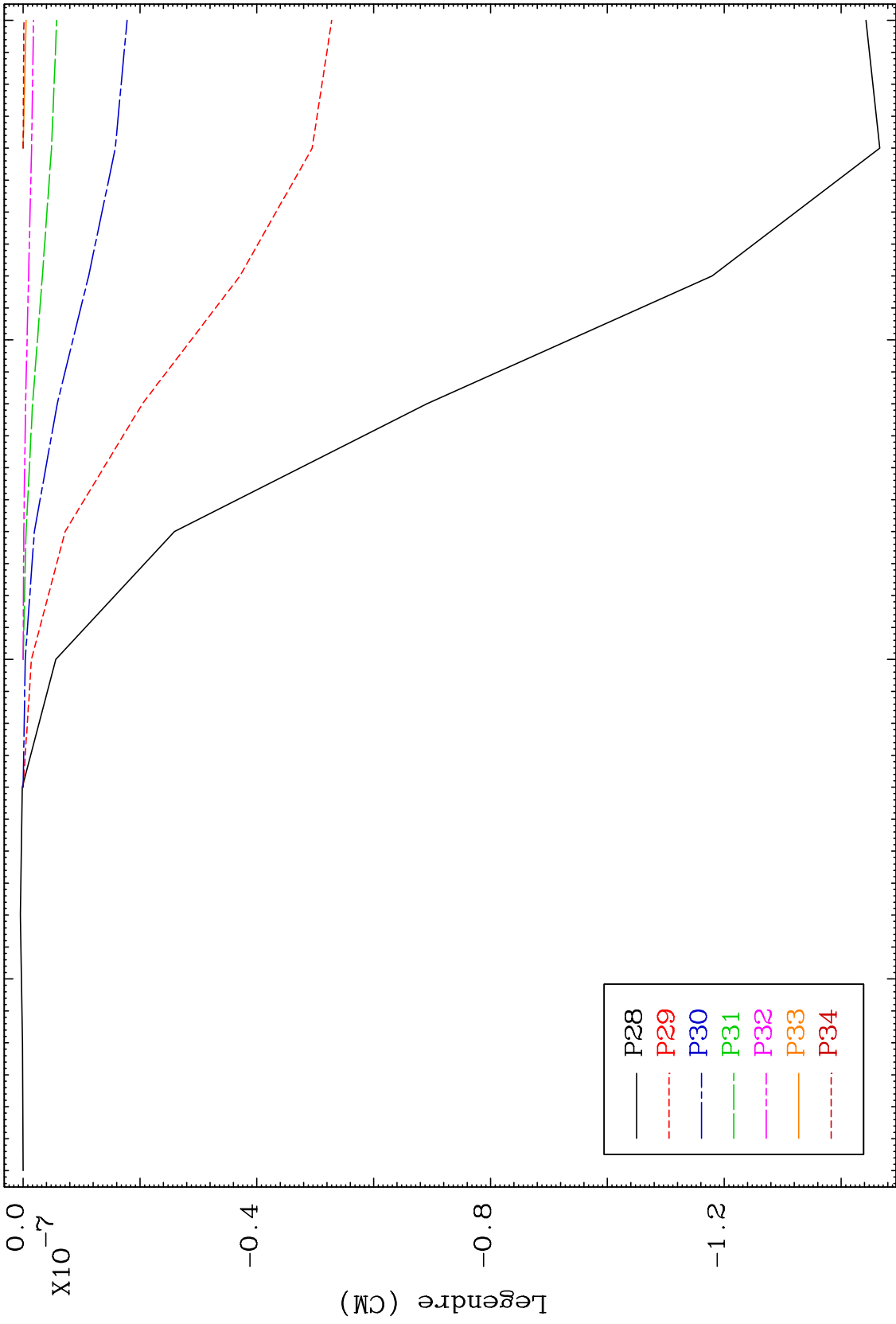
Incident Energy (MeV)

30-Zn-64

MAT 3025

Elastic Legendre Coefficients

30-Zn-64



19

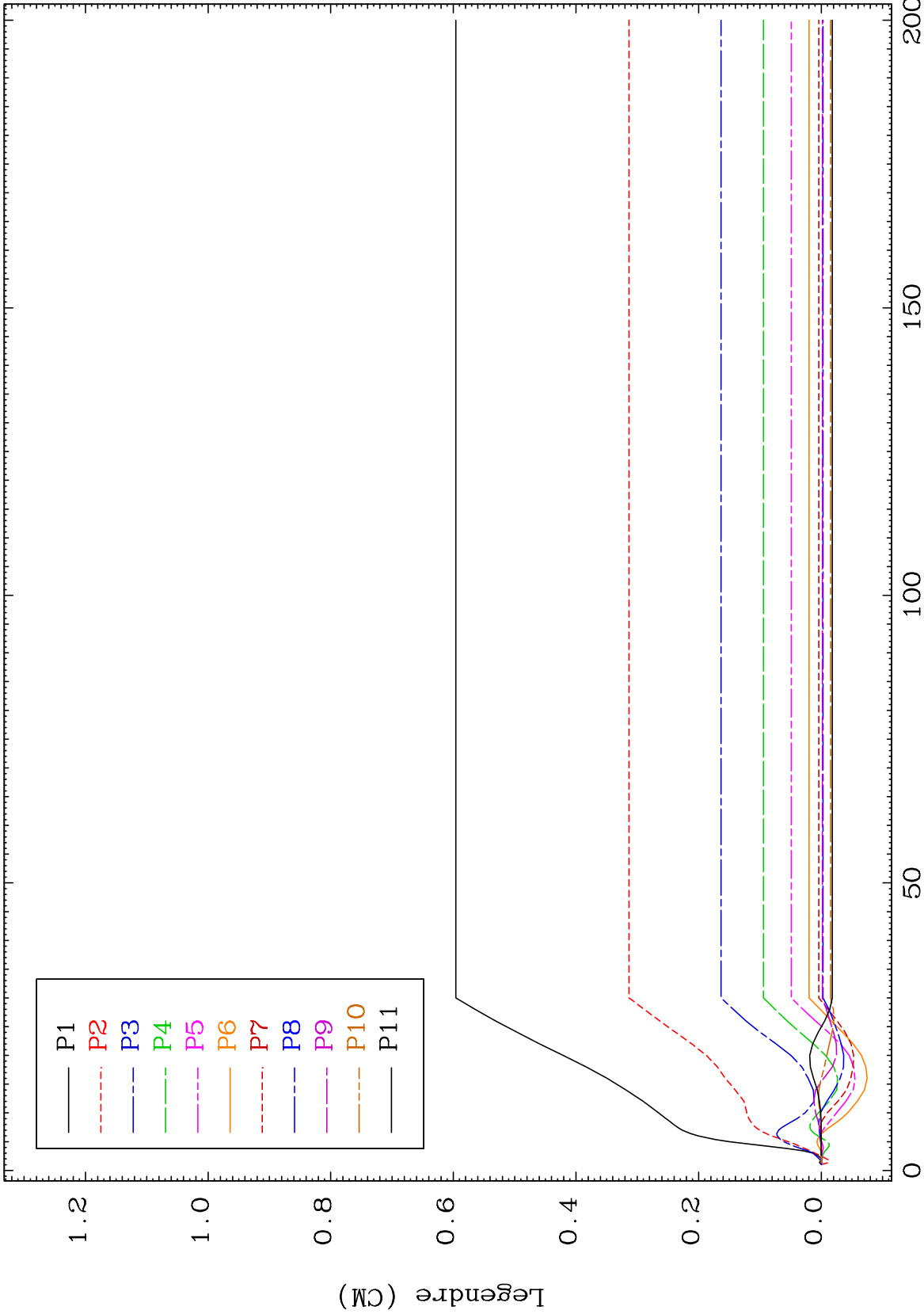
Incident Energy (MeV)

30-Zn-64

MAT 3025

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

30-Zn-64



30-Zn-64

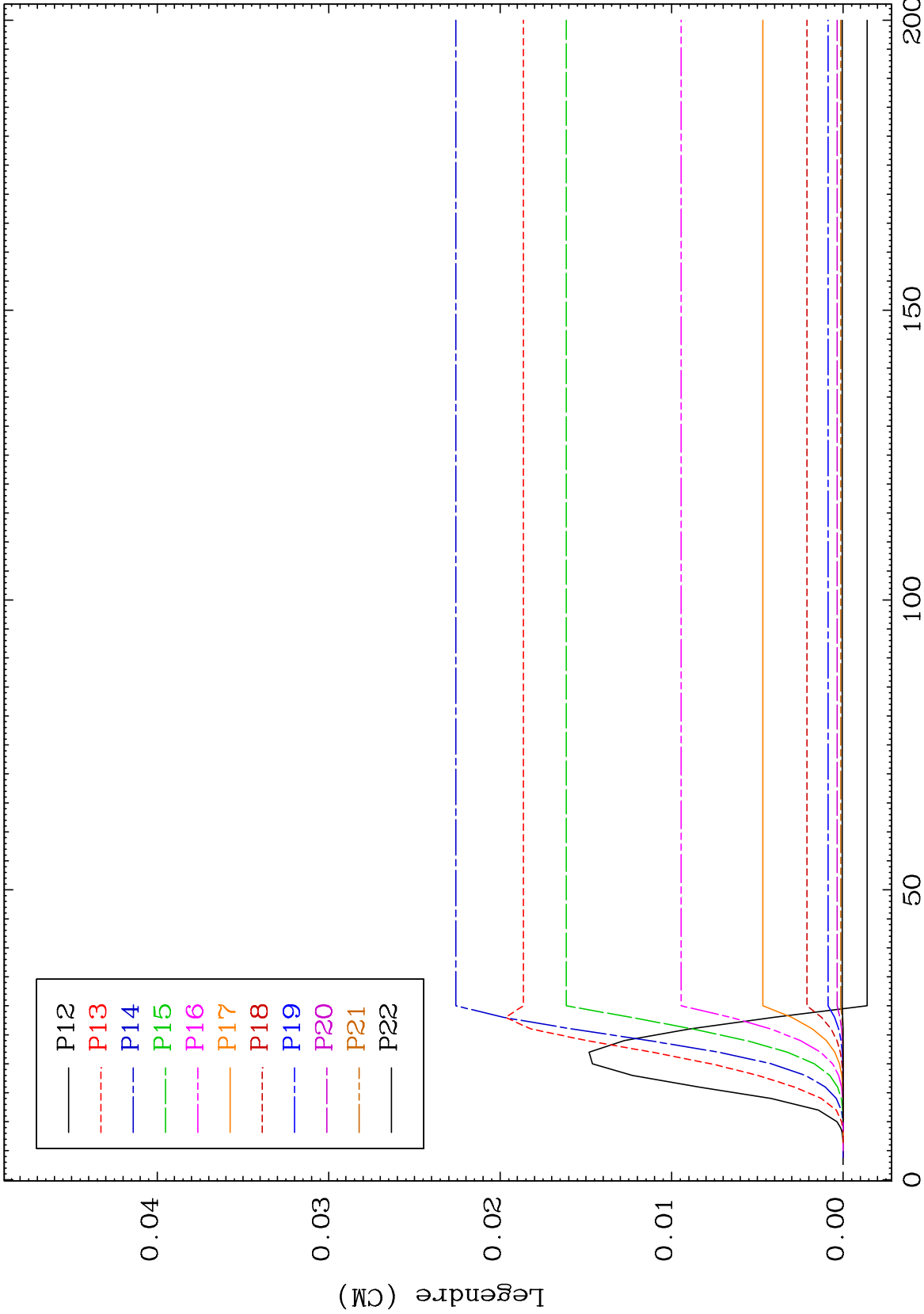
Incident Energy (MeV)

Legendre (CM)

MAT 3025

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

30-Zn-64

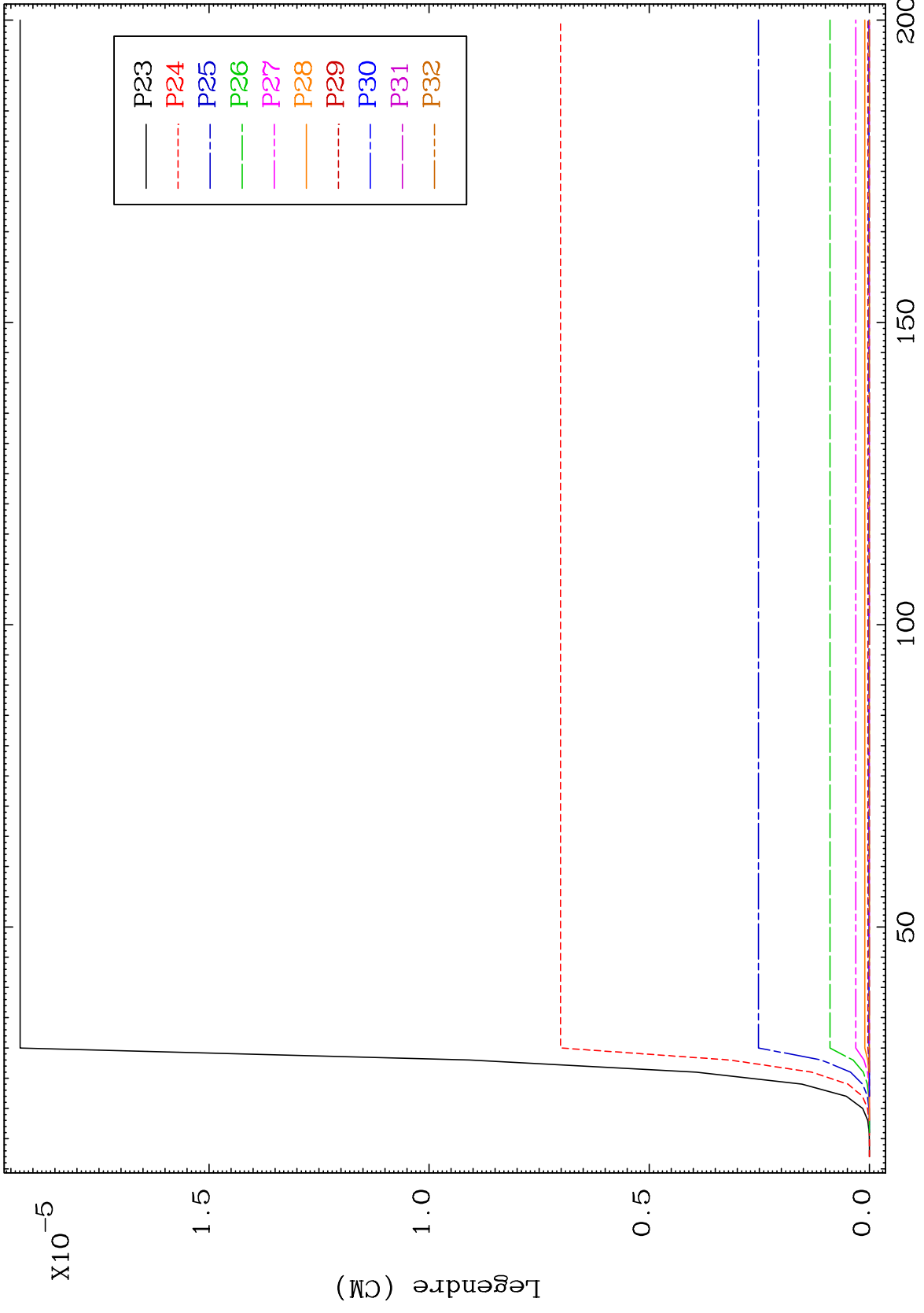


21

Incident Energy (MeV)

30-Zn-64

MAT 3025 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-64

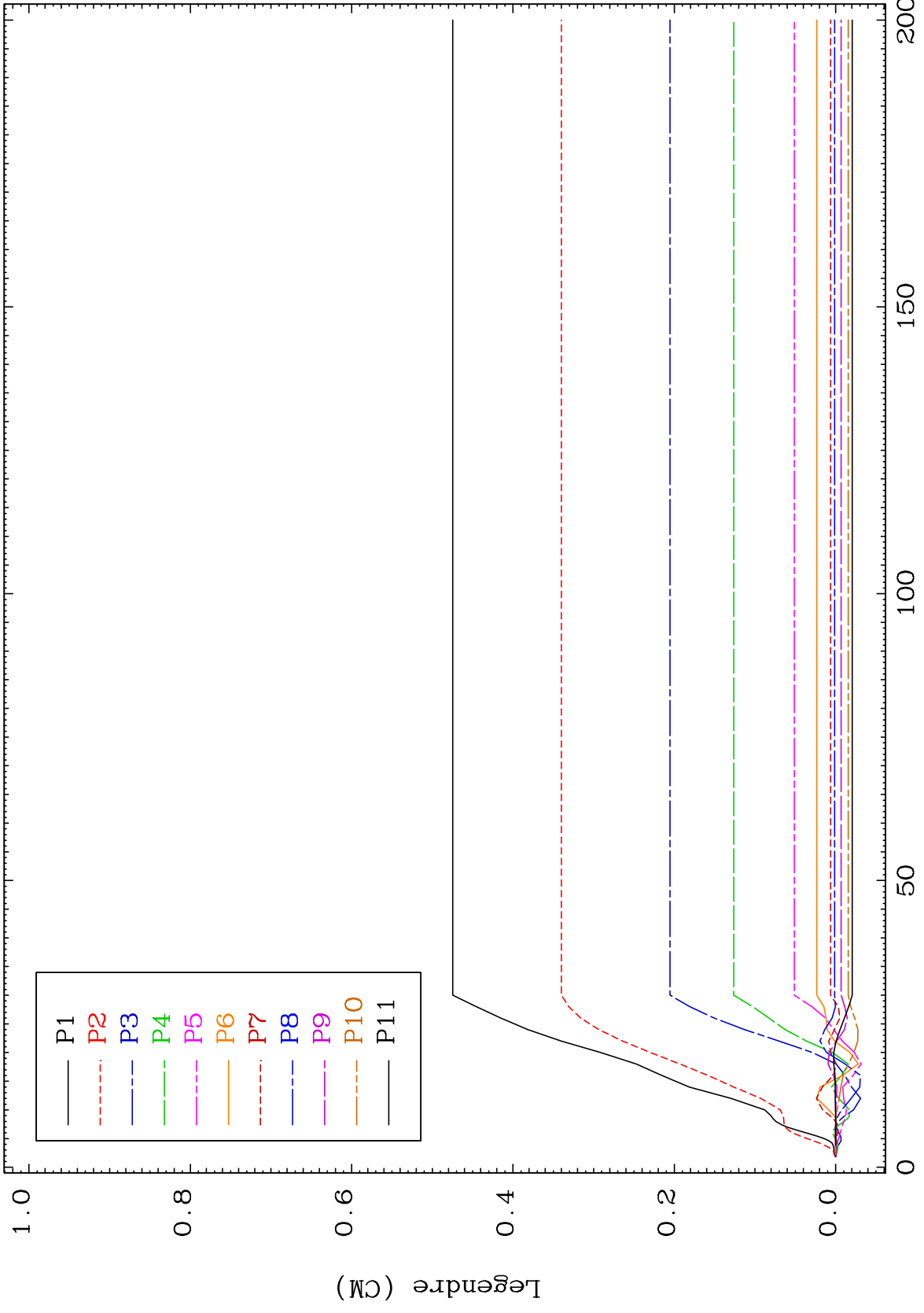


Legendre (CM) Incident Energy (MeV) 30-Zn-64

MAT 3025

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

30-Zn-64

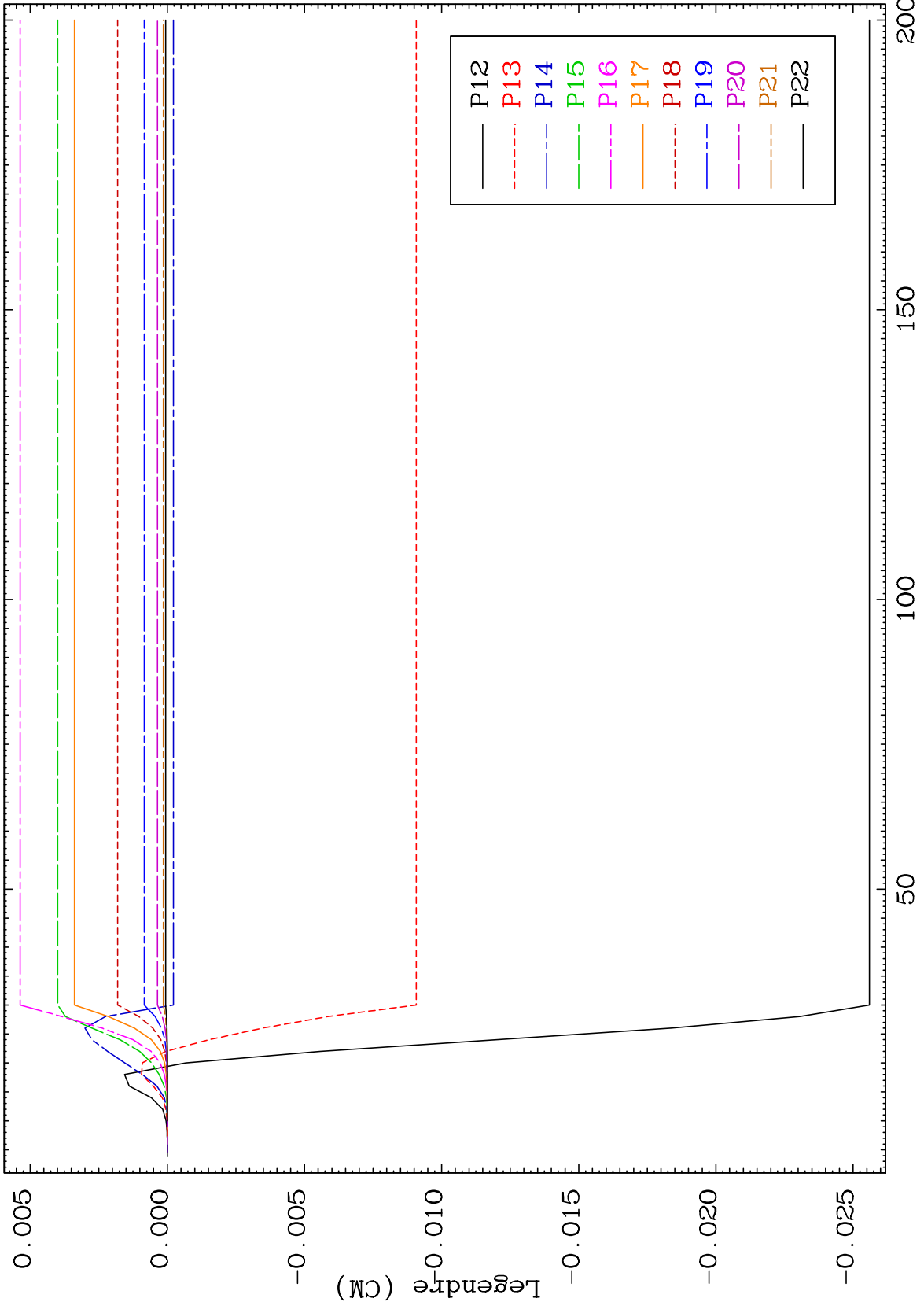


23

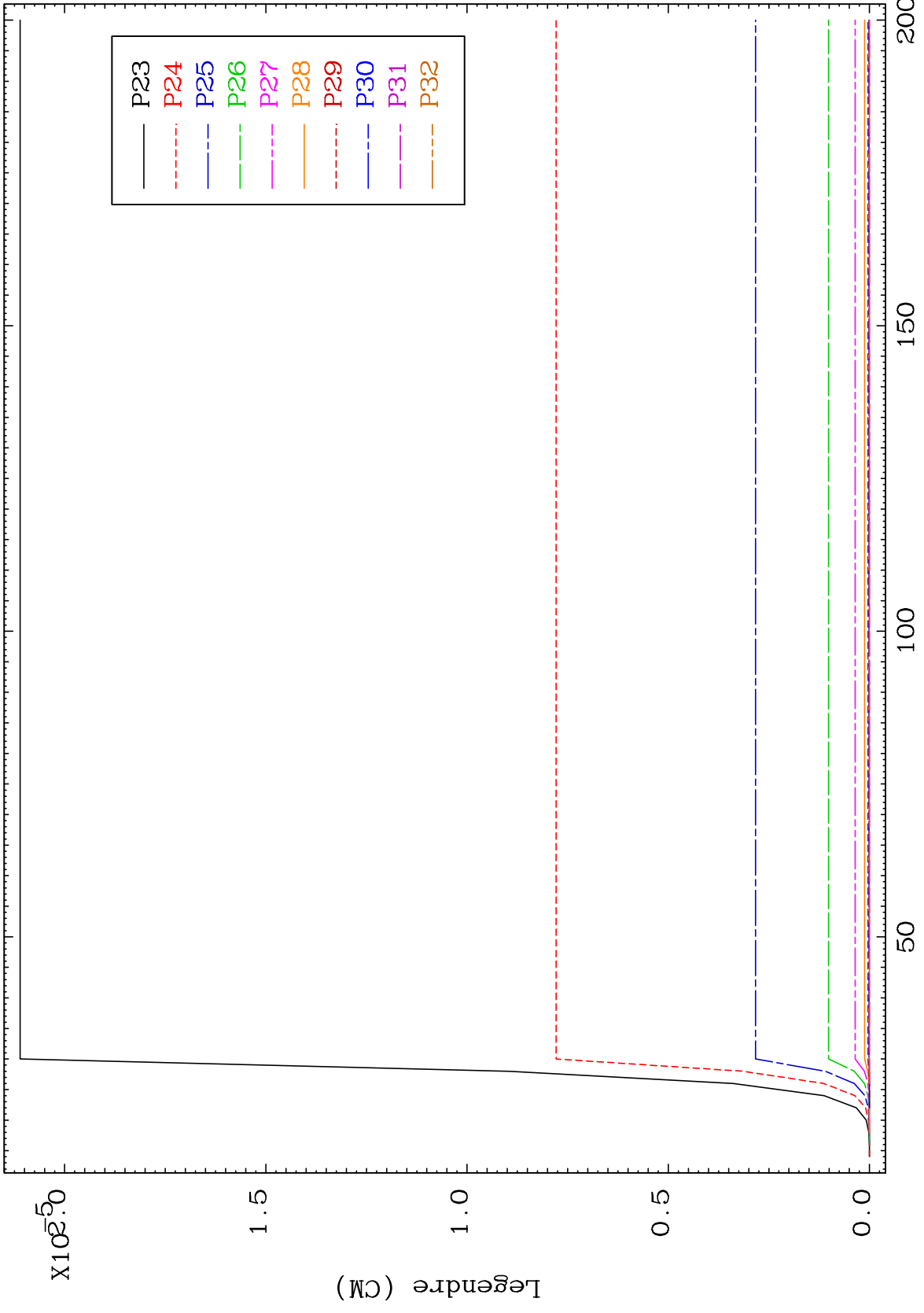
Incident Energy (MeV)

30-Zn-64

MAT 3025 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-64

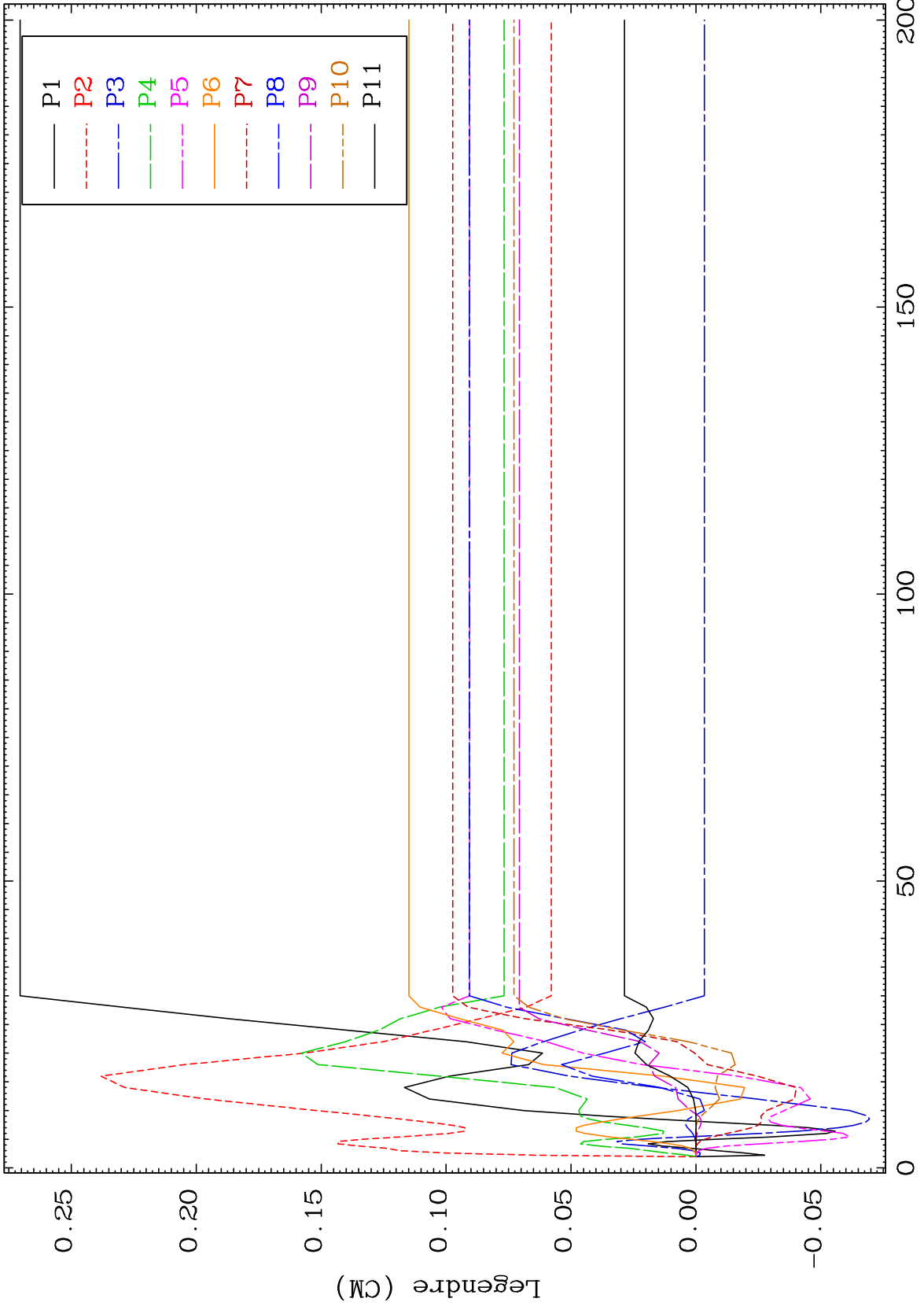


MAT 3025 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-64



Legendre (CM) X10^5.0 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-64

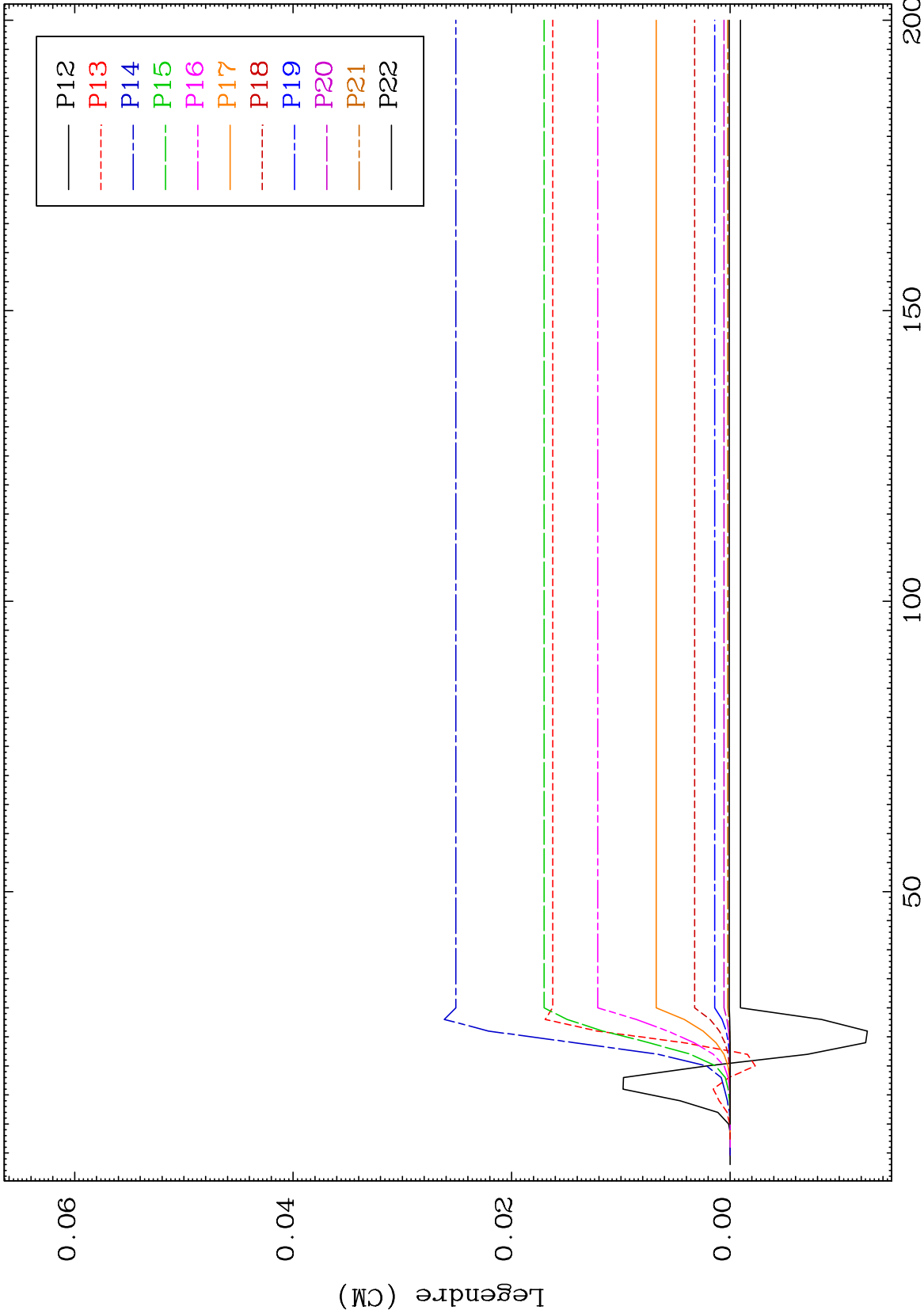


26 Incident Energy (MeV) 30-Zn-64

MAT 3025

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

30-Zn-64

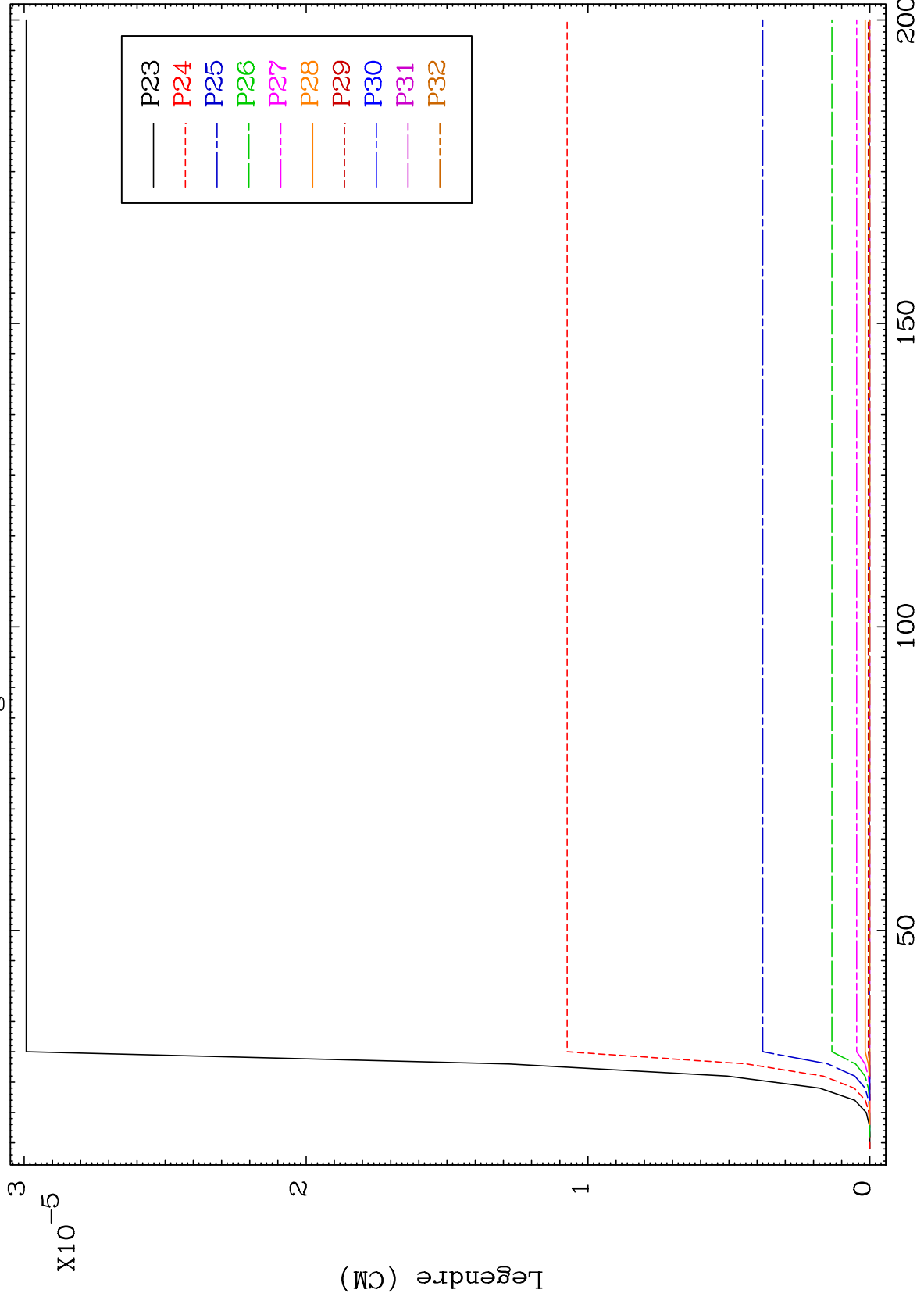


27

Incident Energy (MeV)

30-Zn-64

MAT 3025 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-64

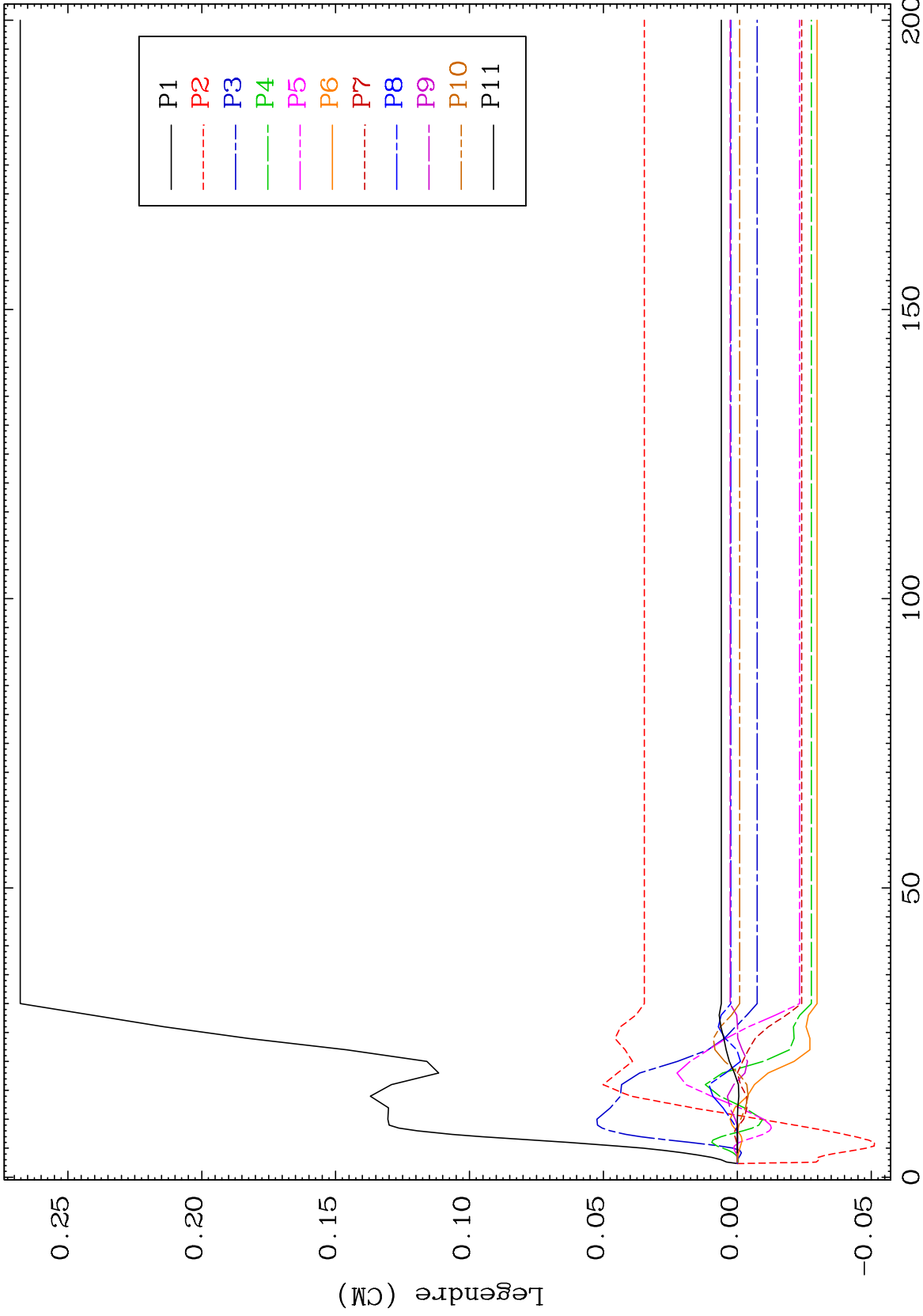


28 50 100 150 200 30-Zn-64

MAT 3025

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

30-Zn-64

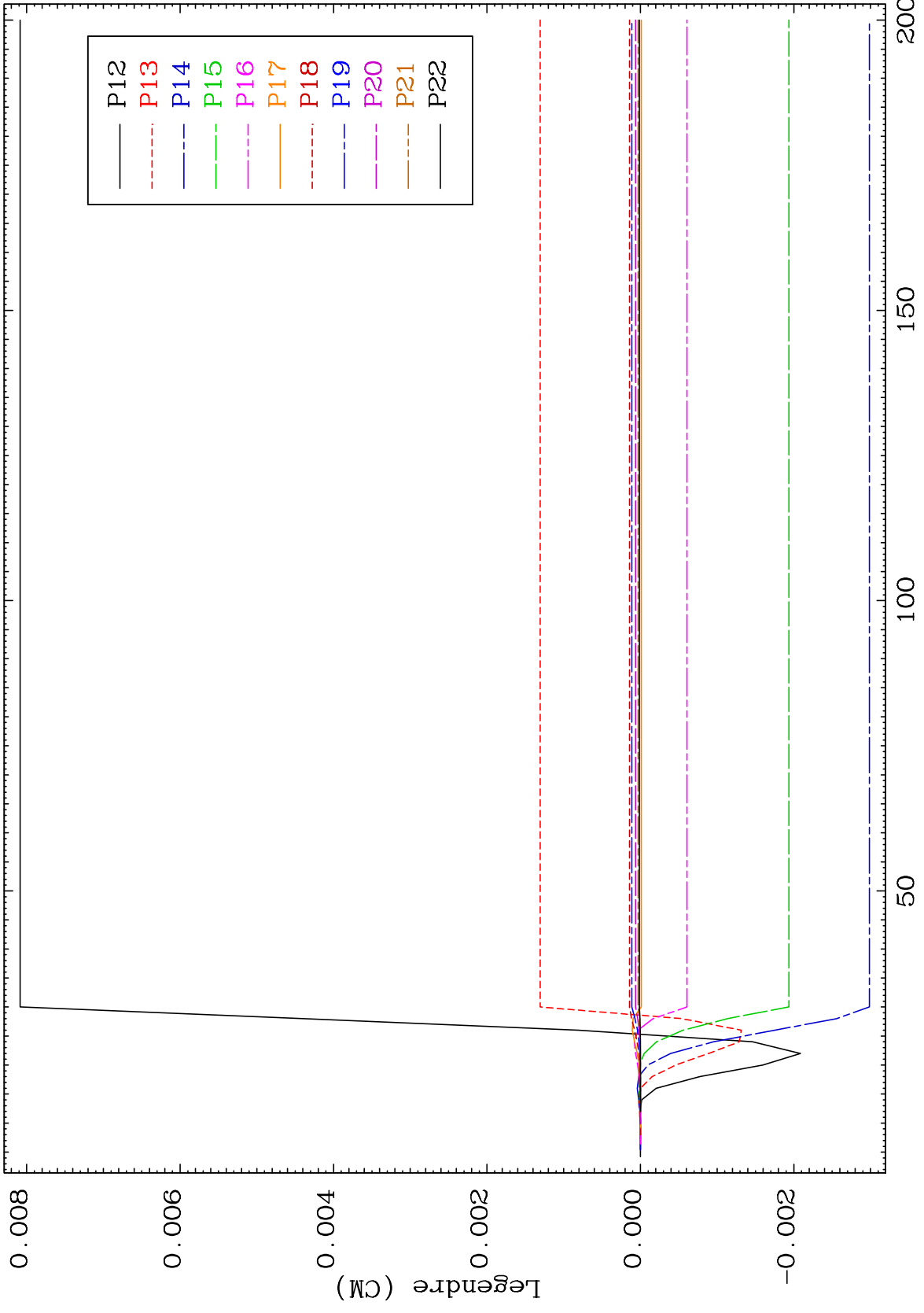


29

Incident Energy (MeV)

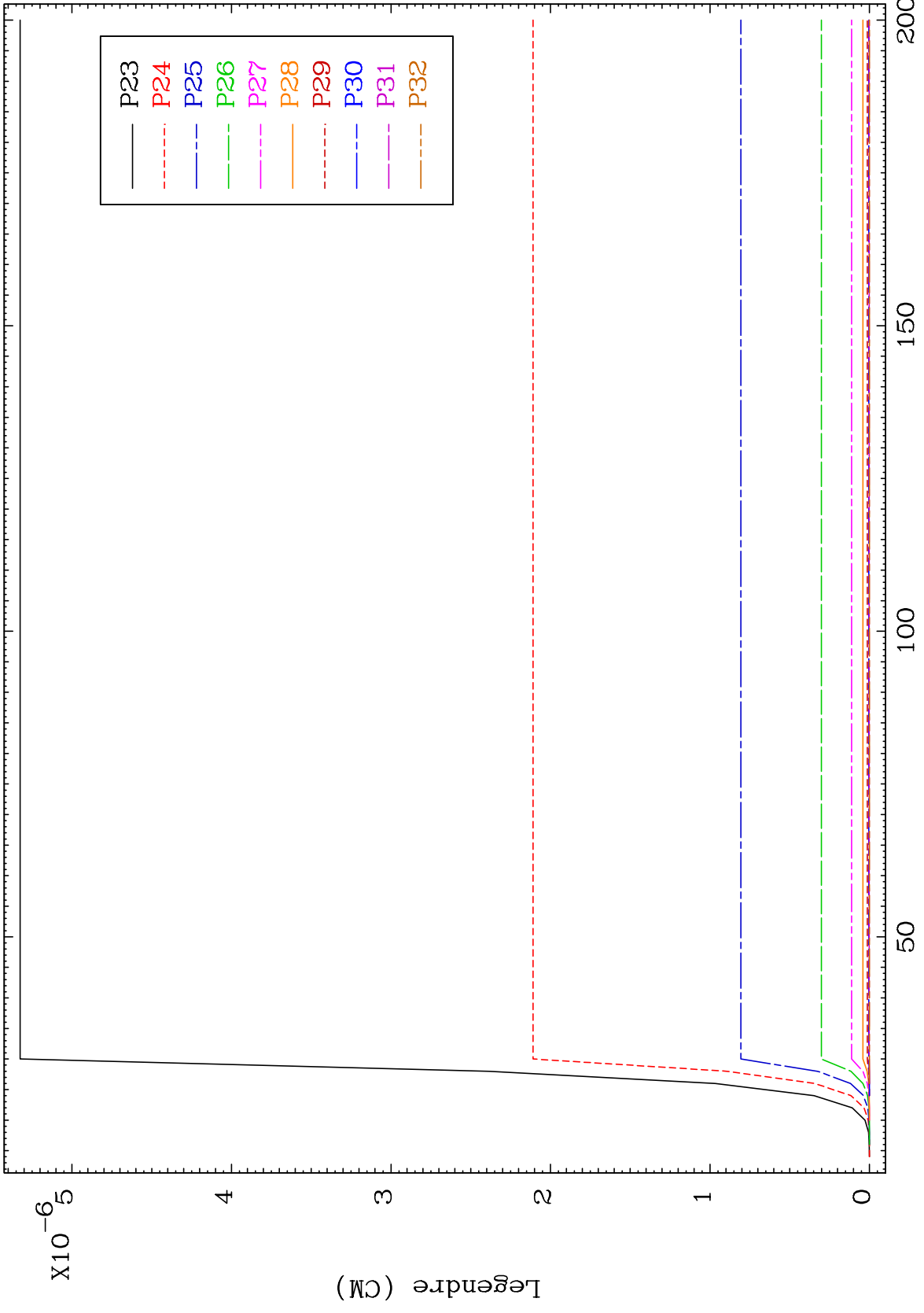
30-Zn-64

MAT 3025 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-64

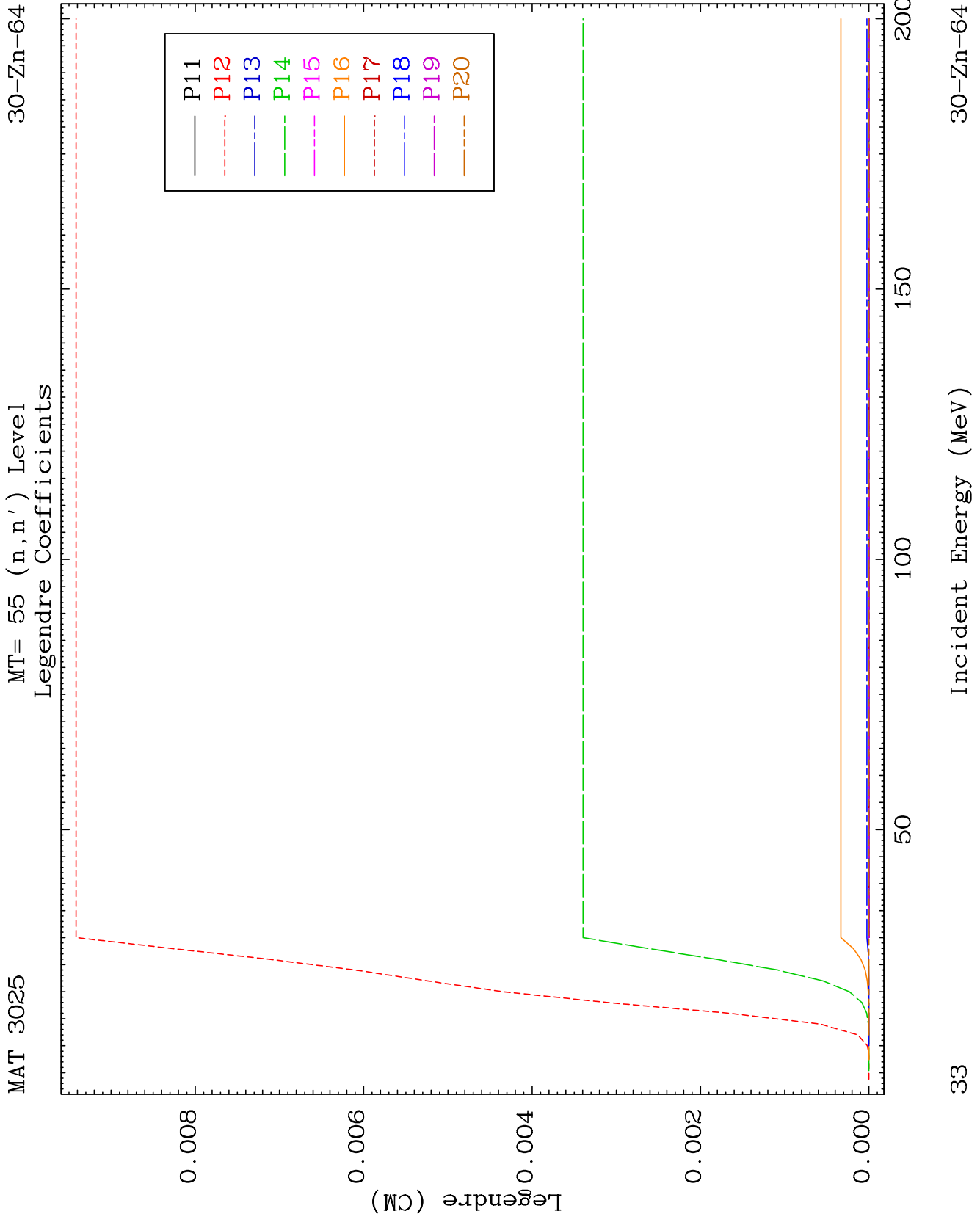


30 Incident Energy (MeV) 30-Zn-64

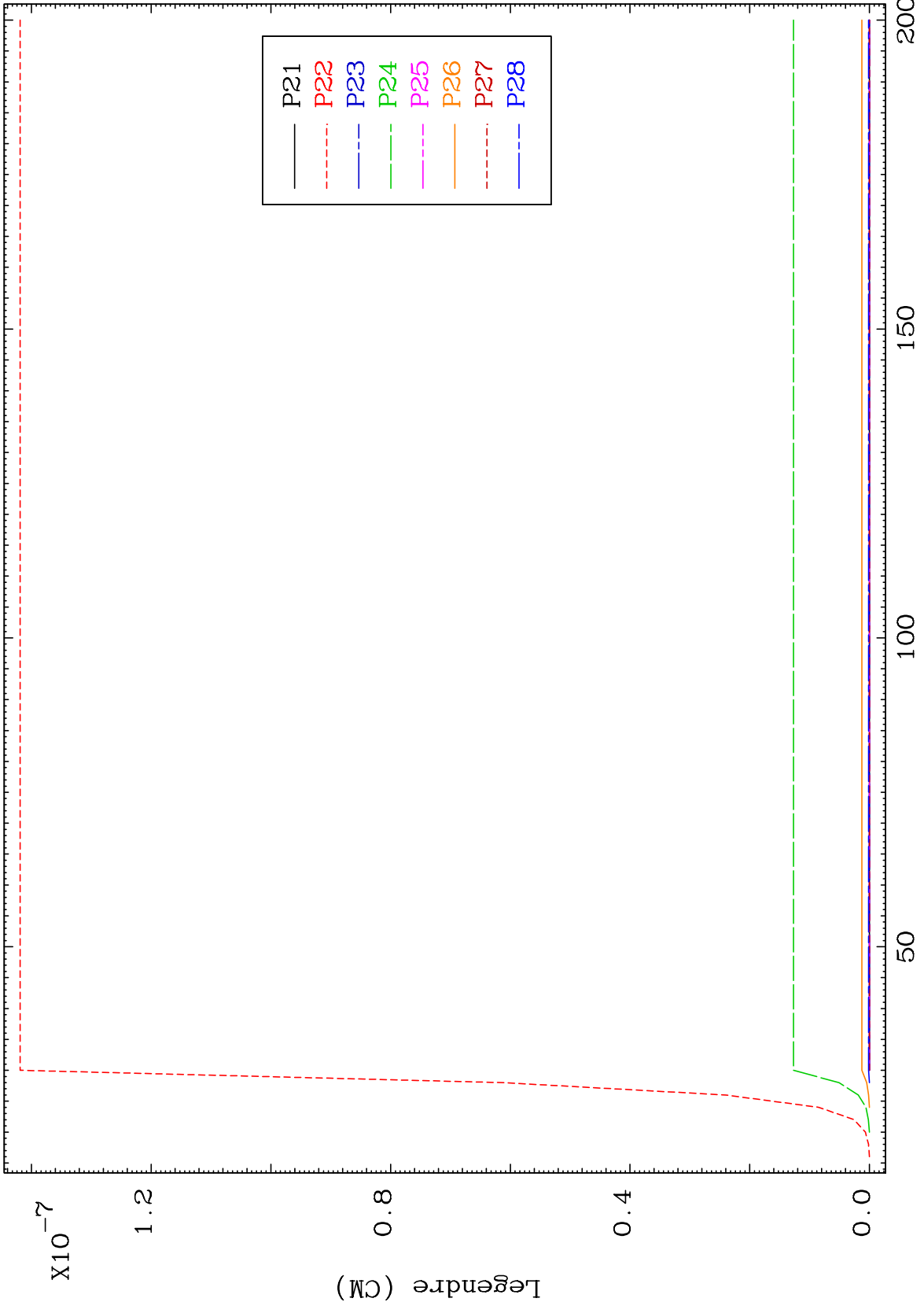
MAT 3025 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-64



31 30-Zn-64

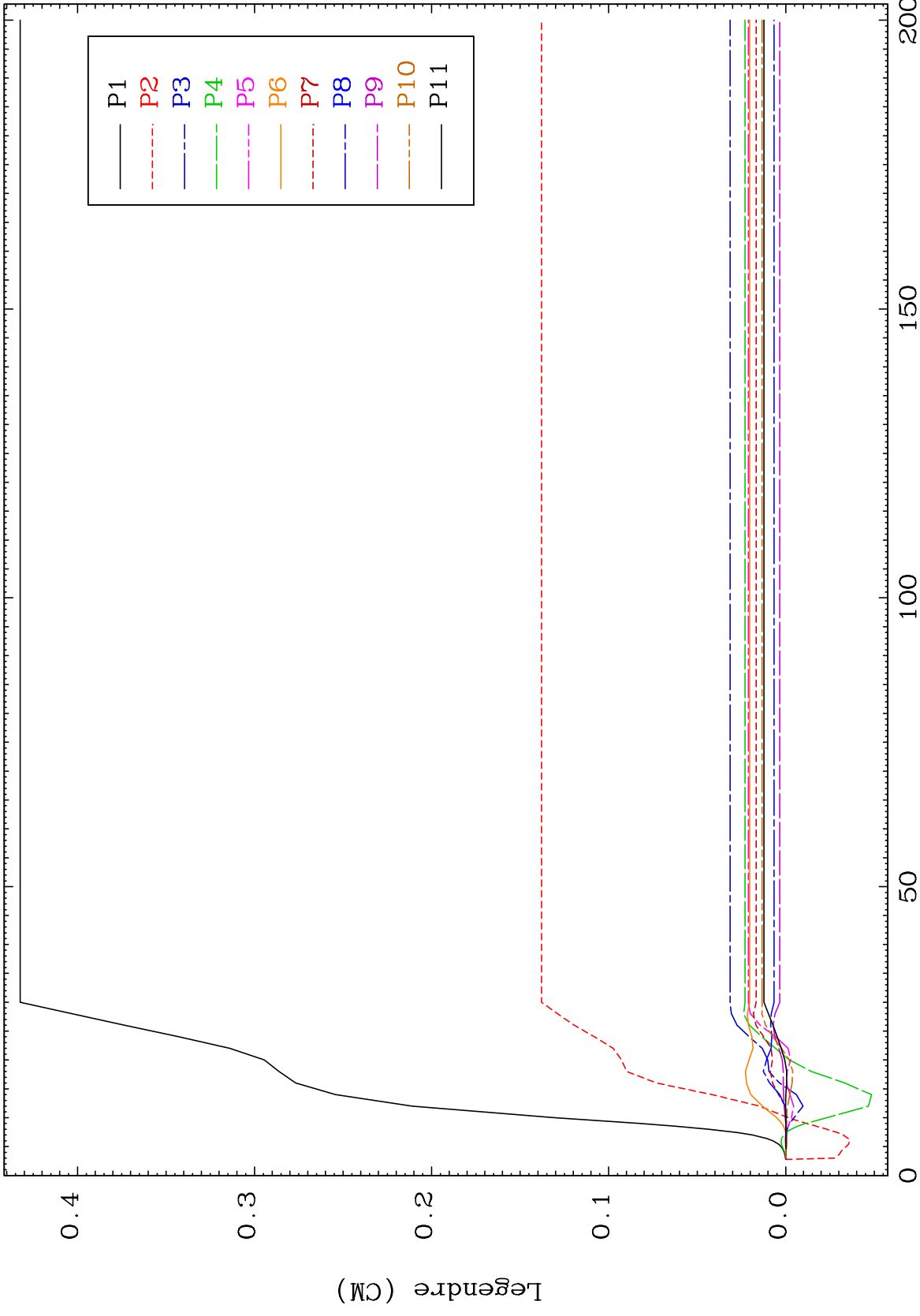


MAT 3025 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-64



34 50 100 150 200 30-Zn-64

MAT 3025 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-64

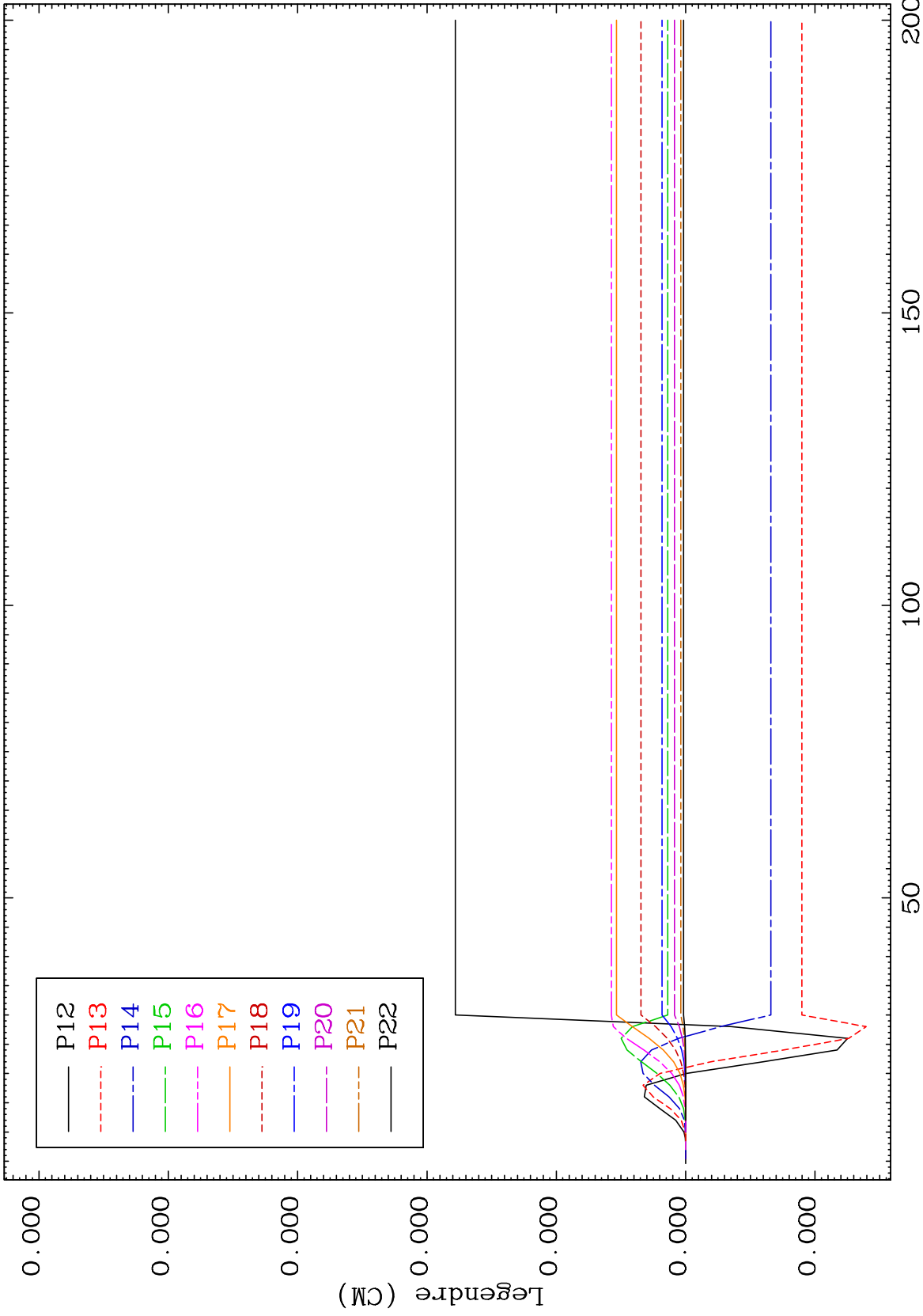


Incident Energy (MeV) 30-Zn-64

MAT 3025

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

30-Zn-64

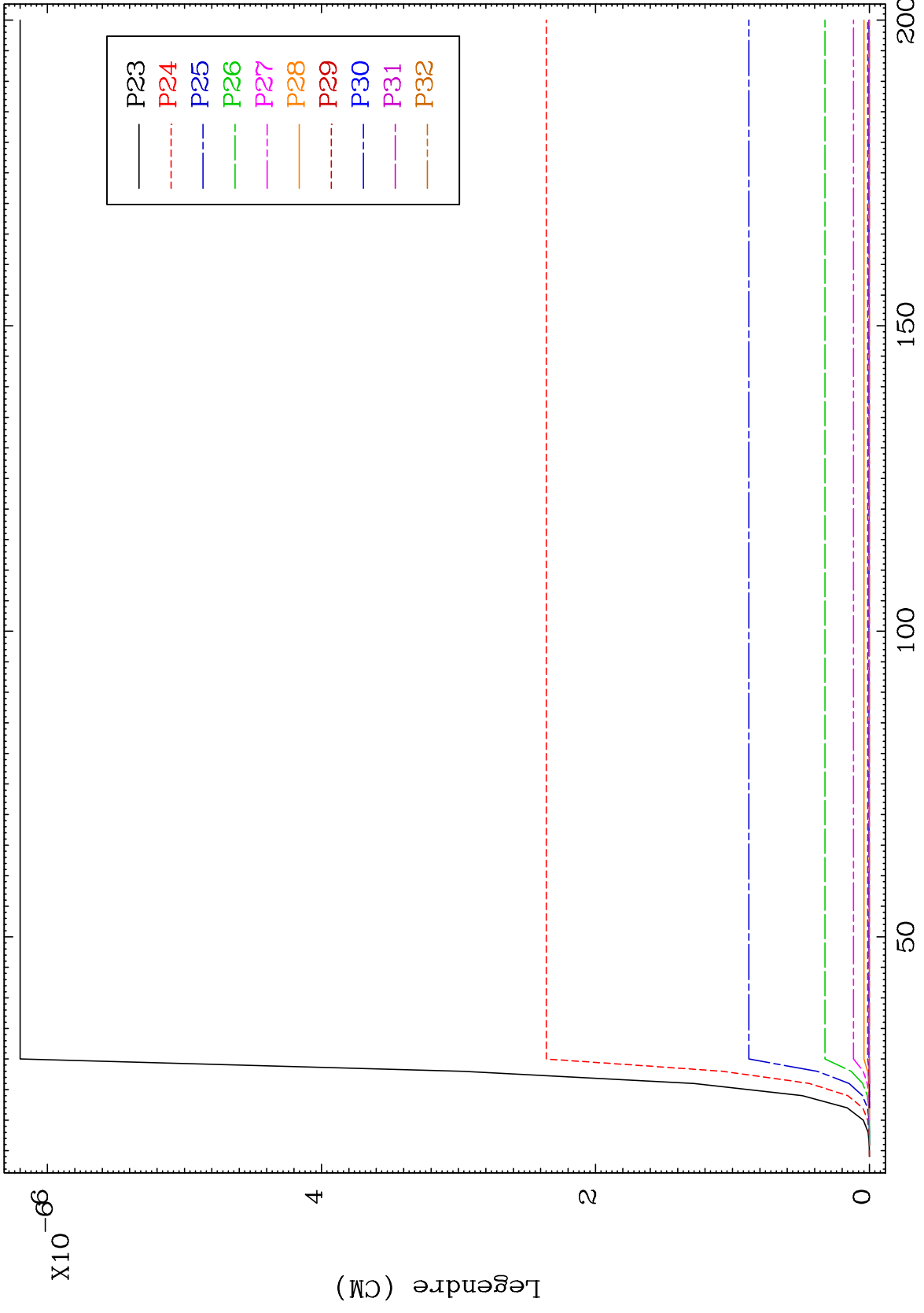


36

Incident Energy (MeV)

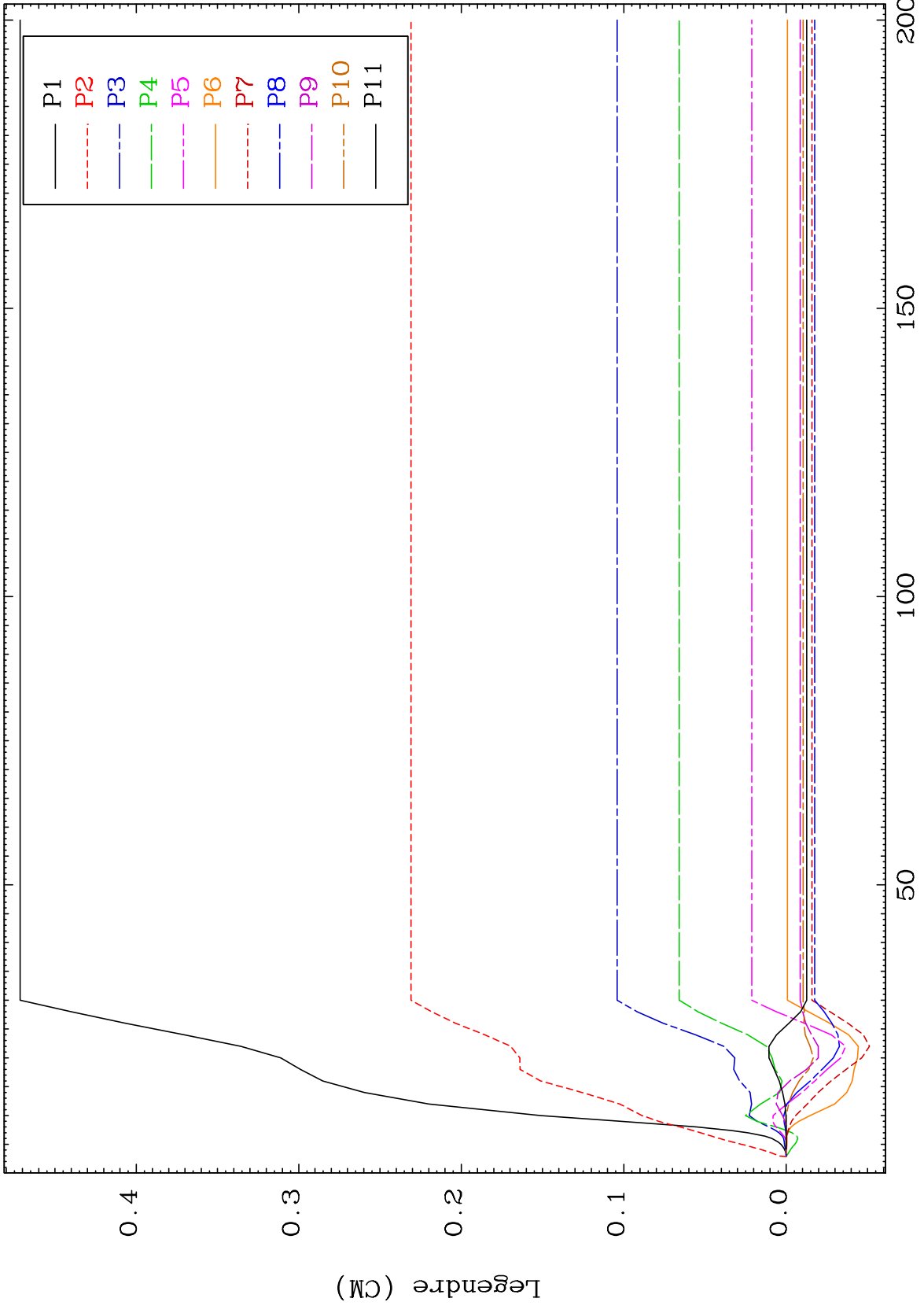
30-Zn-64

MAT 3025 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-64



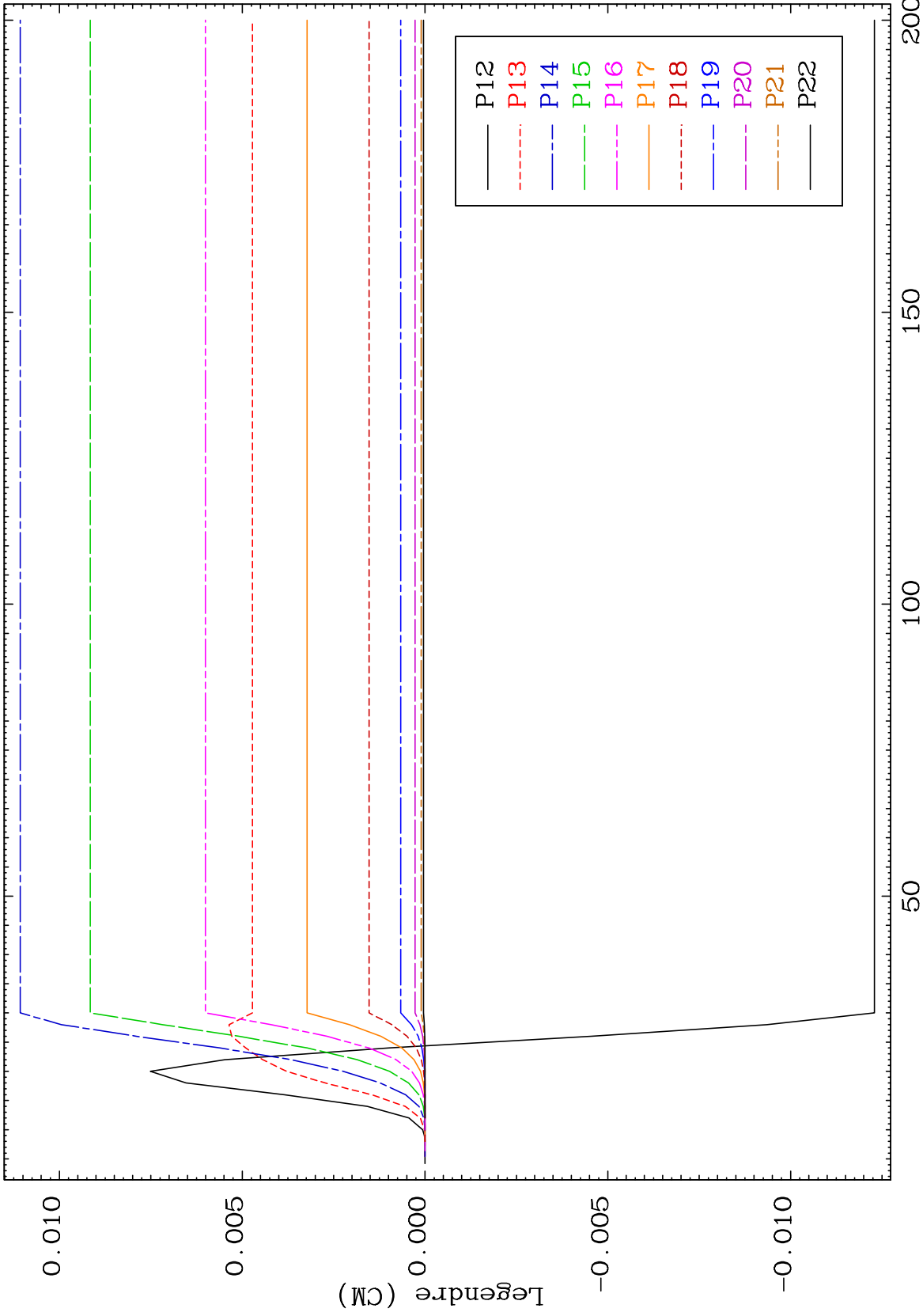
37 50 100 150 200 30-Zn-64

MAT 3025 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 57 (n,n') Level Legendre Coefficients

30-Zn-64



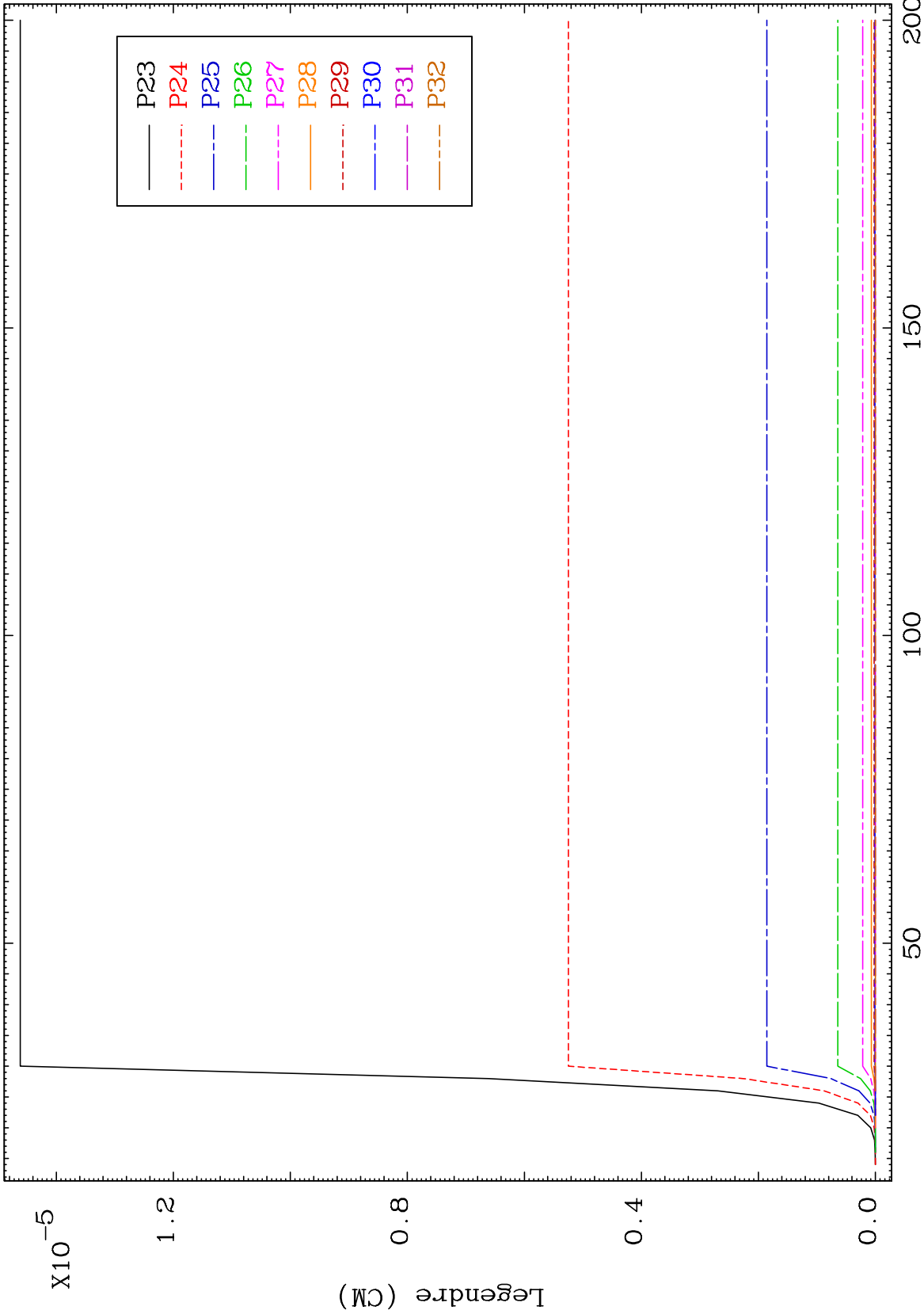
30-Zn-64

Incident Energy (MeV)

MAT 3025

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

30-Zn-64



40

50

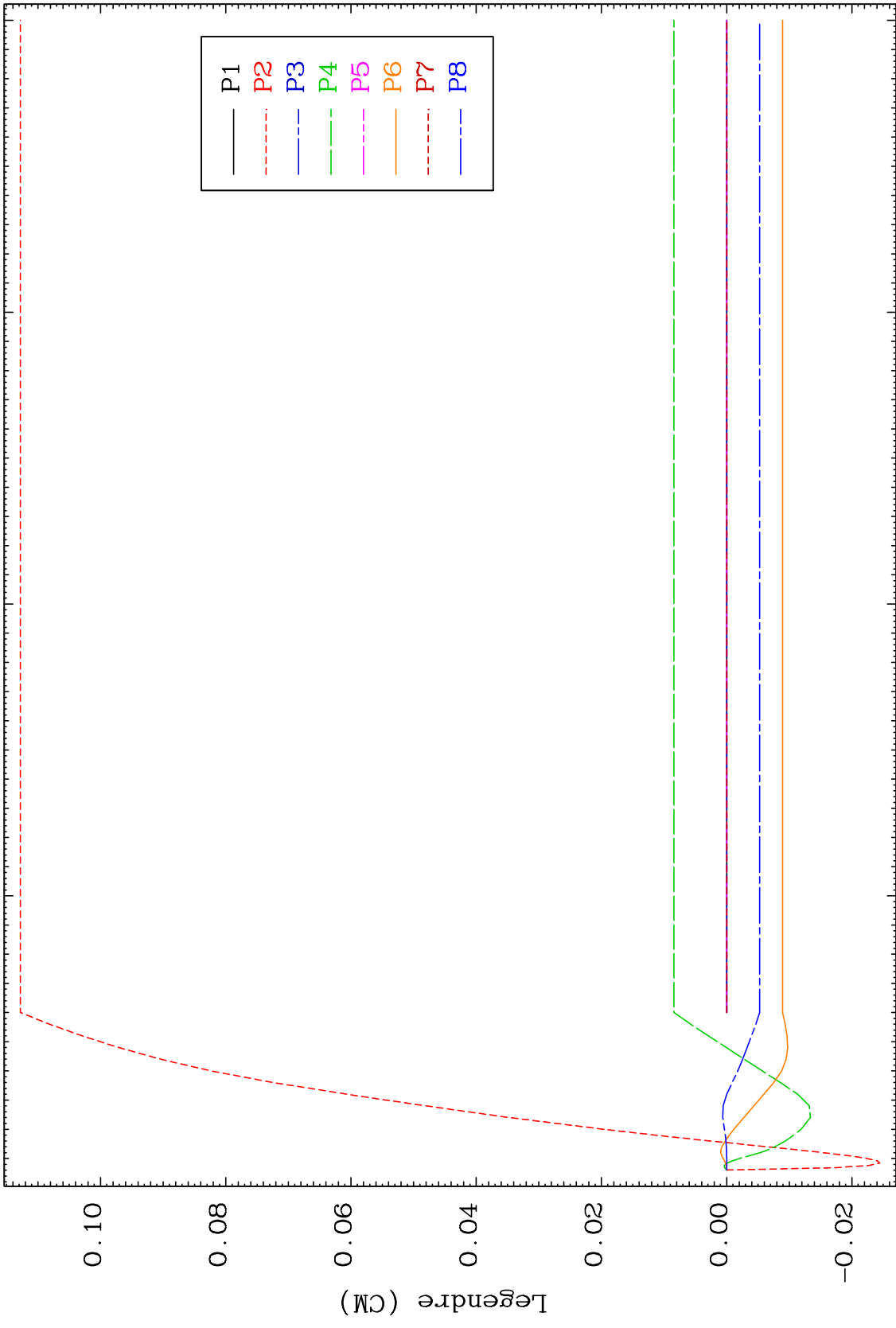
100

150

200

30-Zn-64

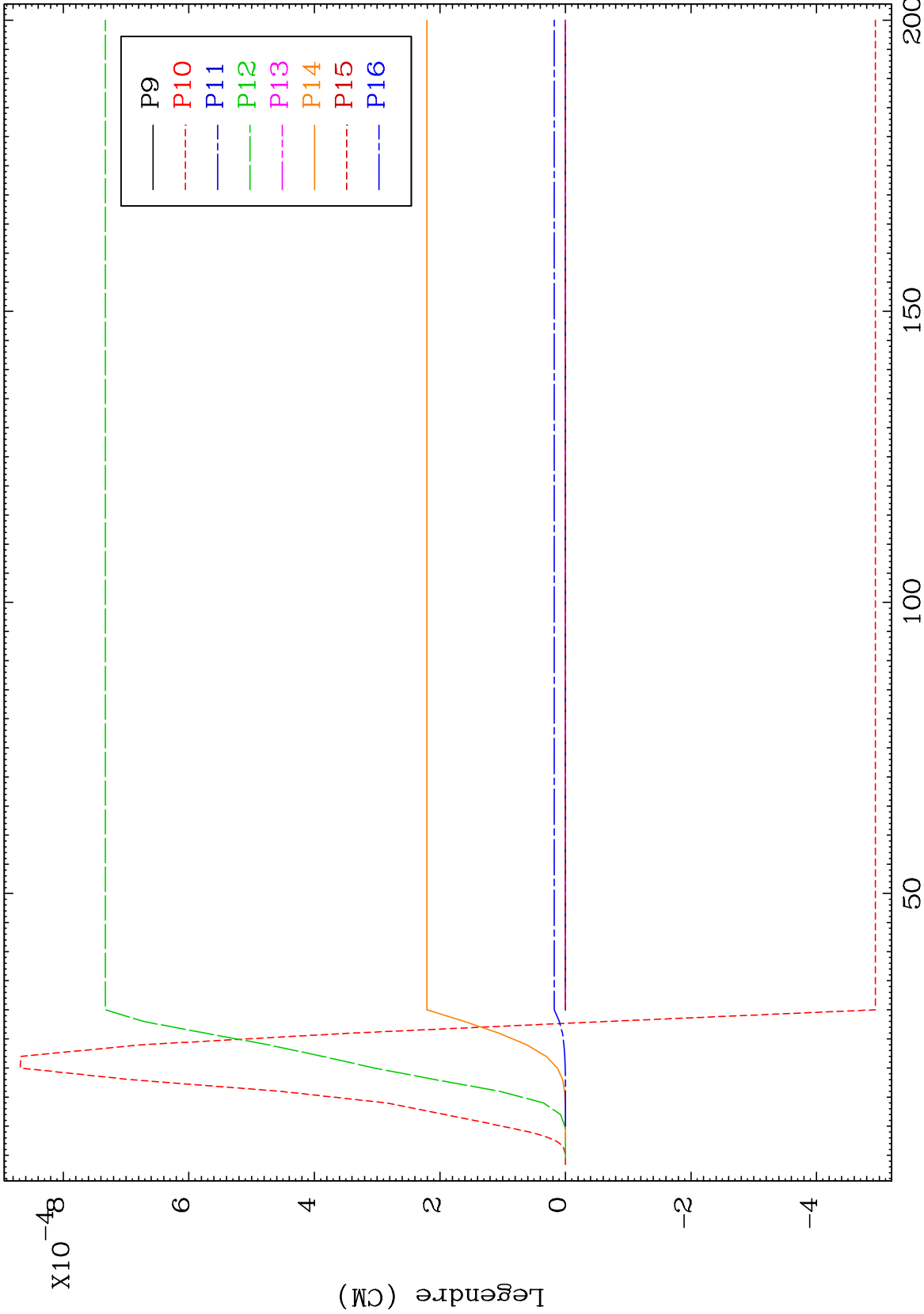
MAT 3025 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

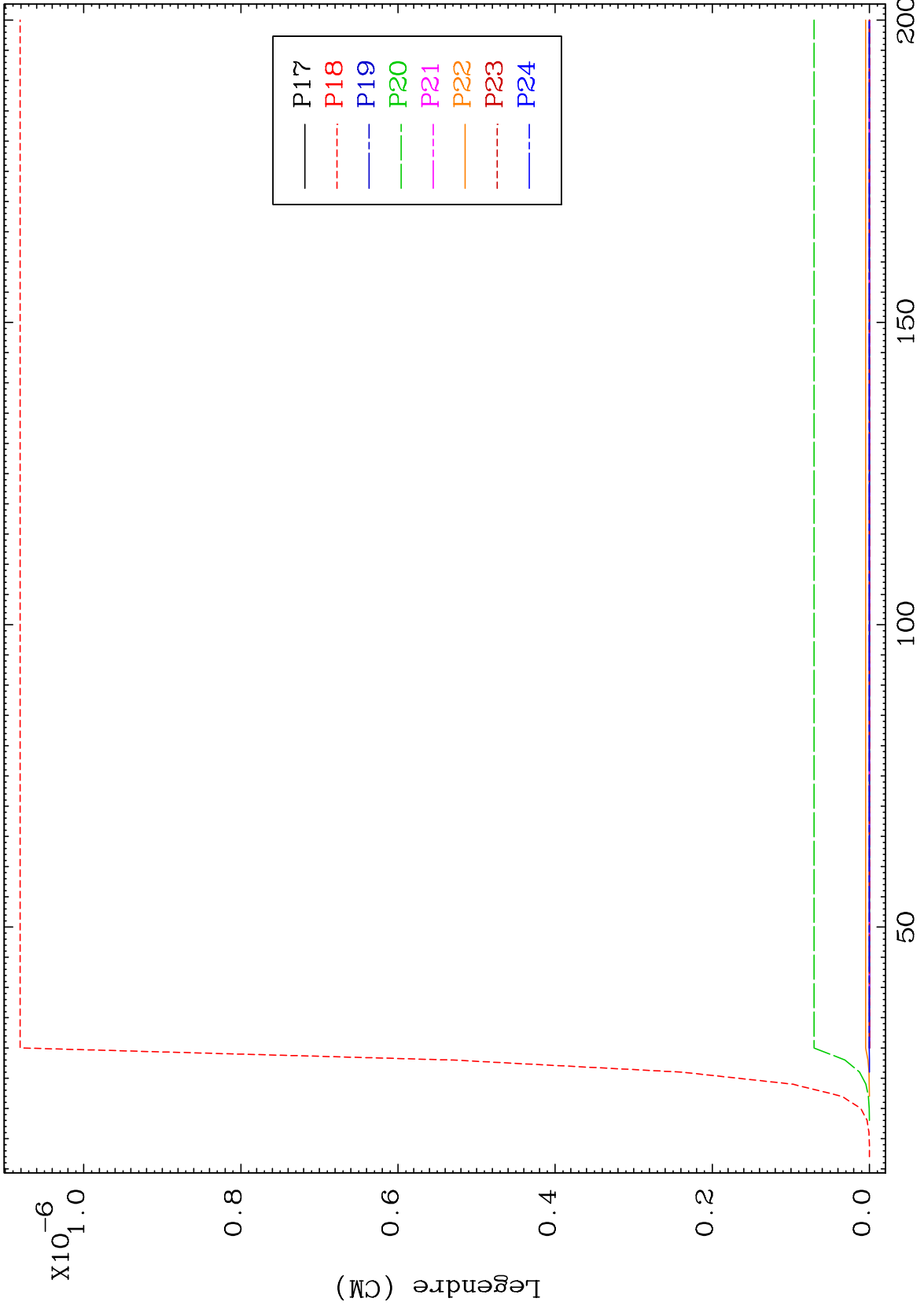


42

Incident Energy (MeV)

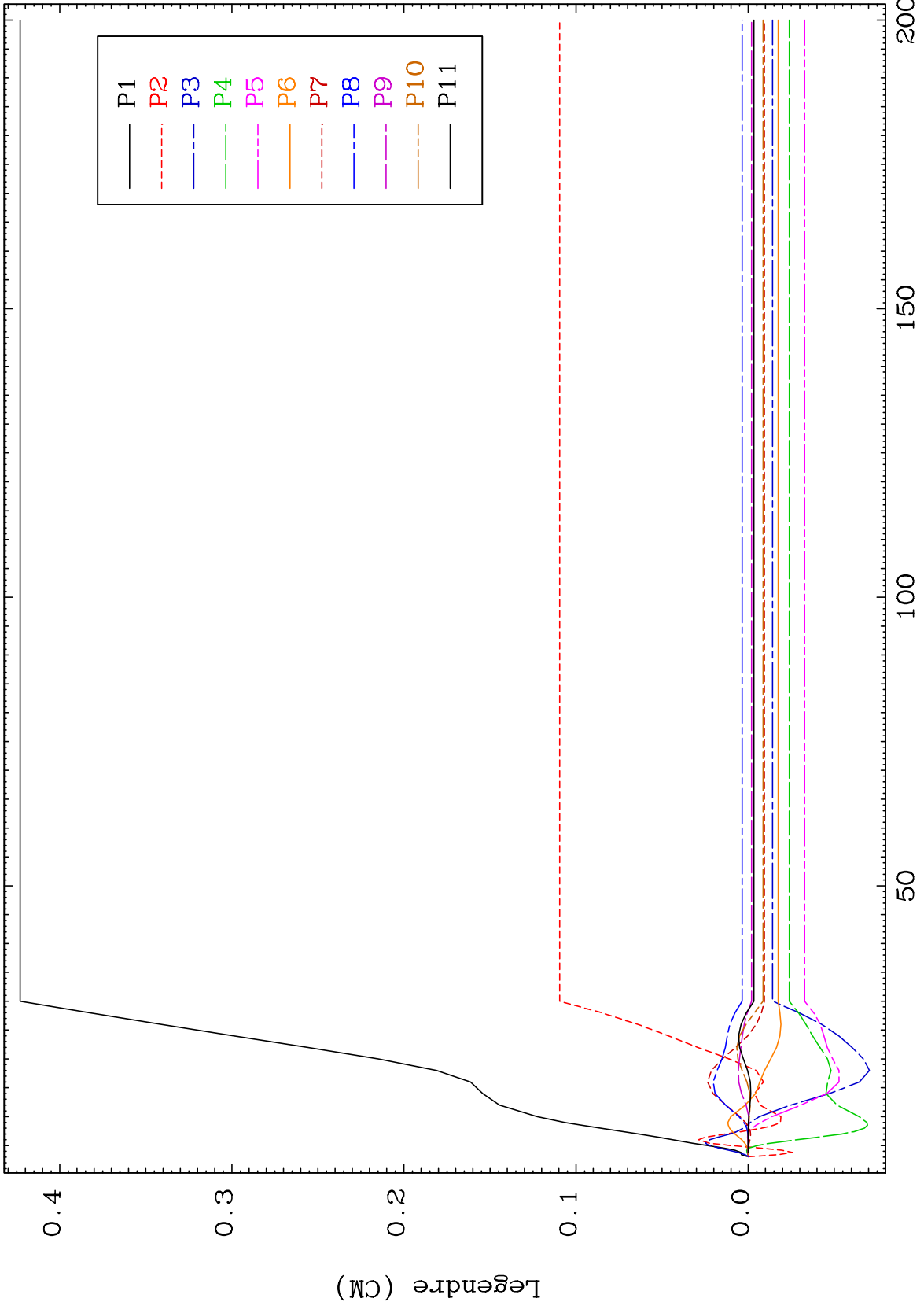
30-Zn-64

MAT 3025 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-64



43 Incident Energy (MeV) 50 100 150 200 30-Zn-64

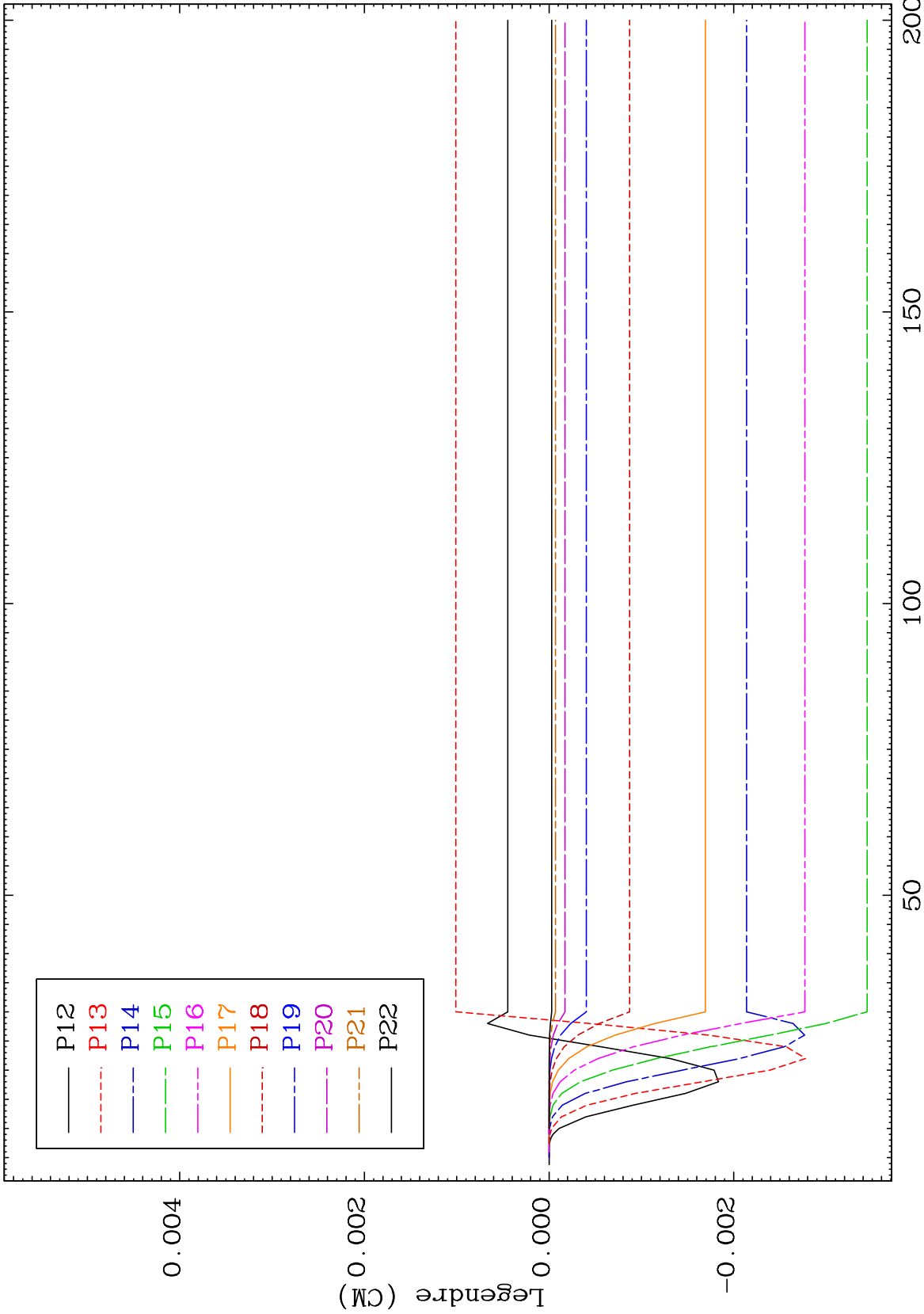
MAT 3025 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

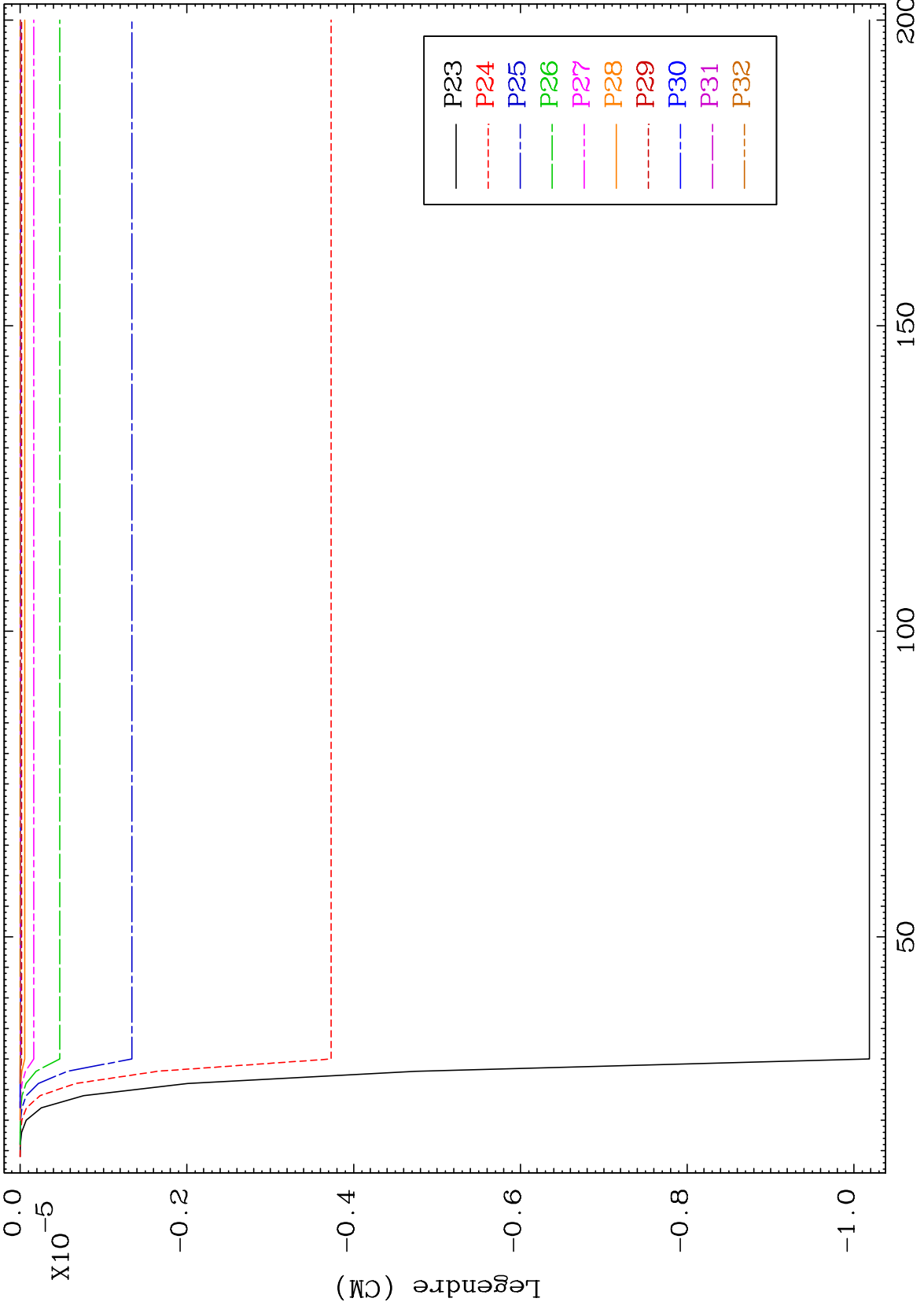


45

Incident Energy (MeV)

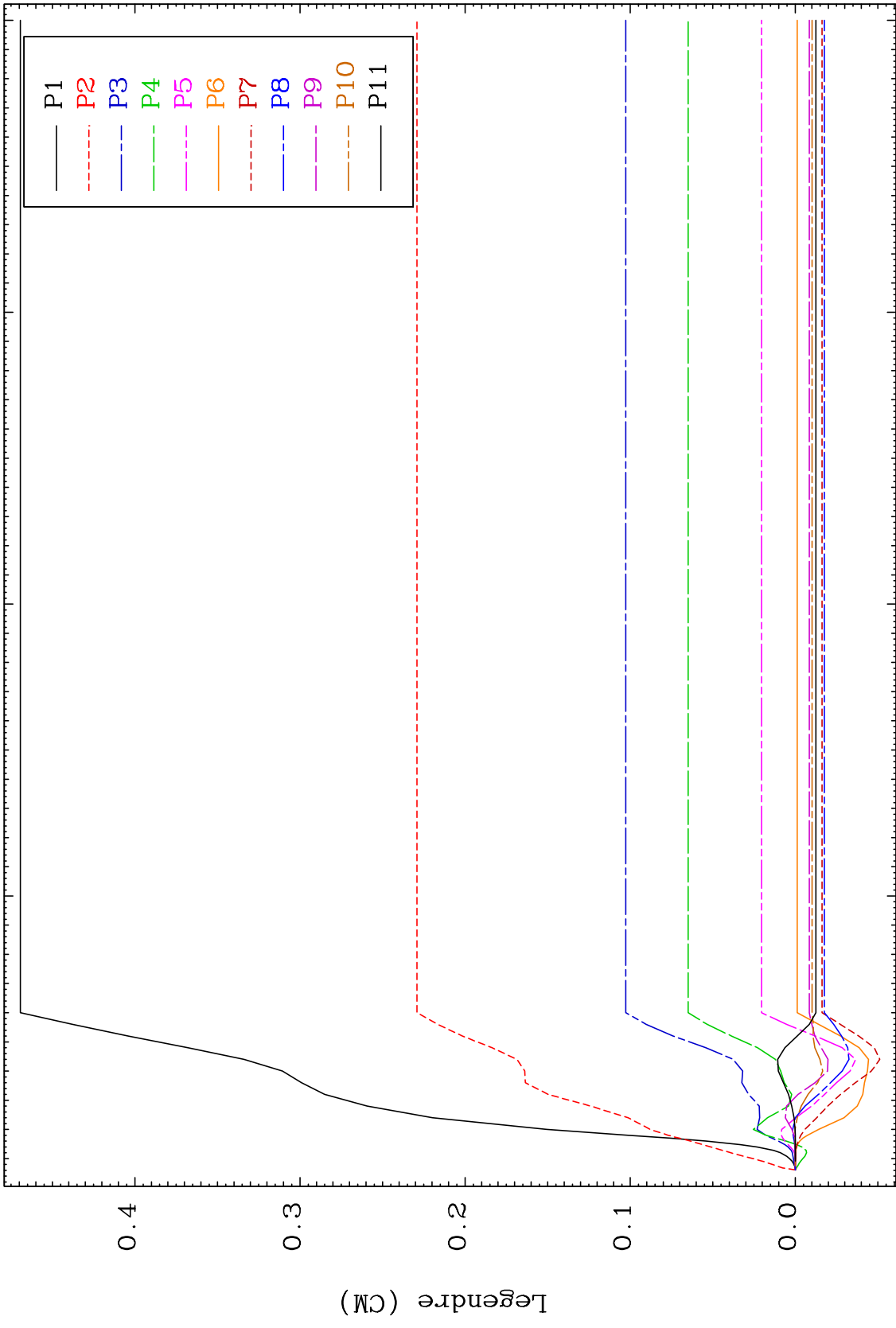
30-Zn-64

MAT 3025 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-64

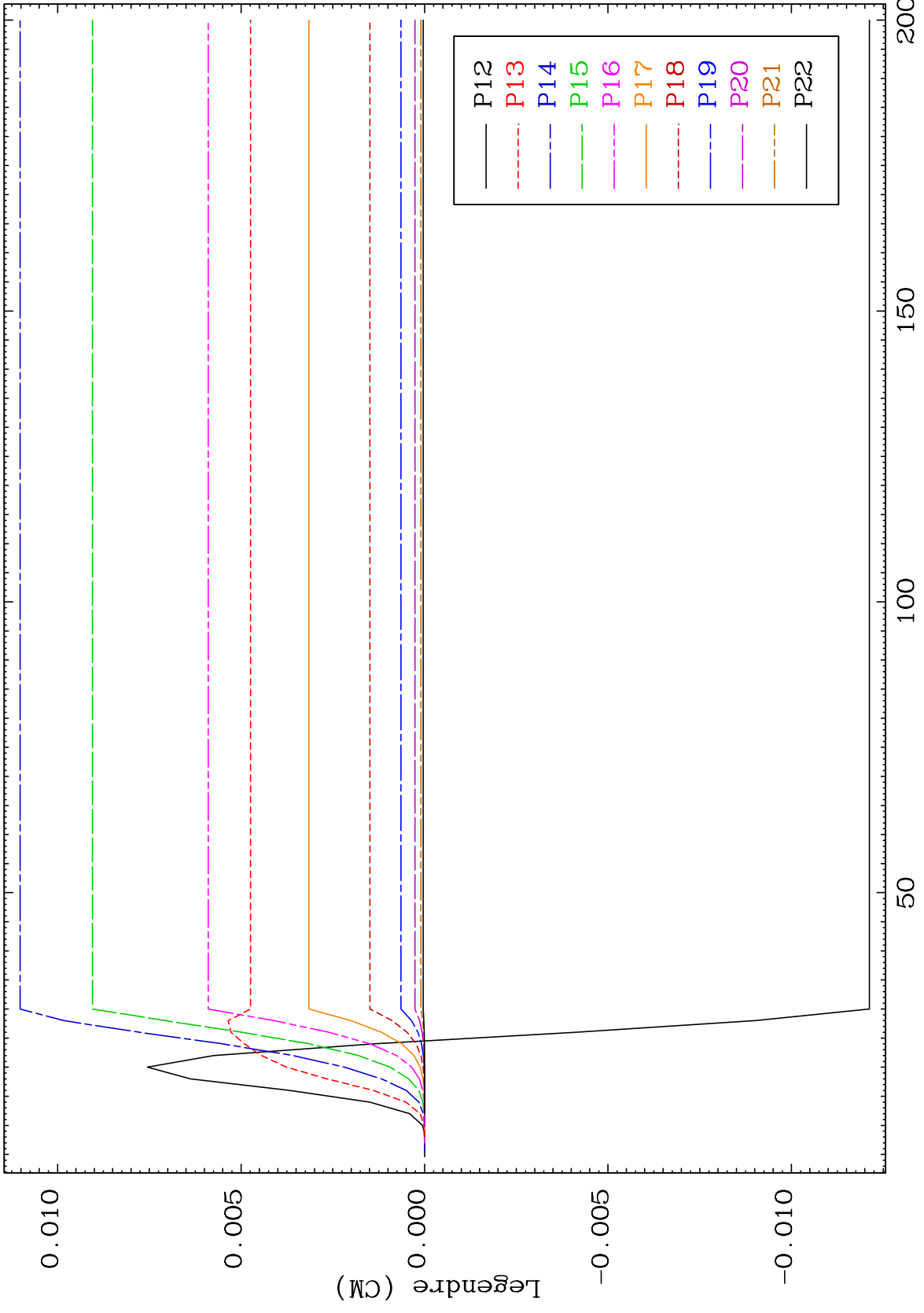


46 Incident Energy (MeV) 30-Zn-64

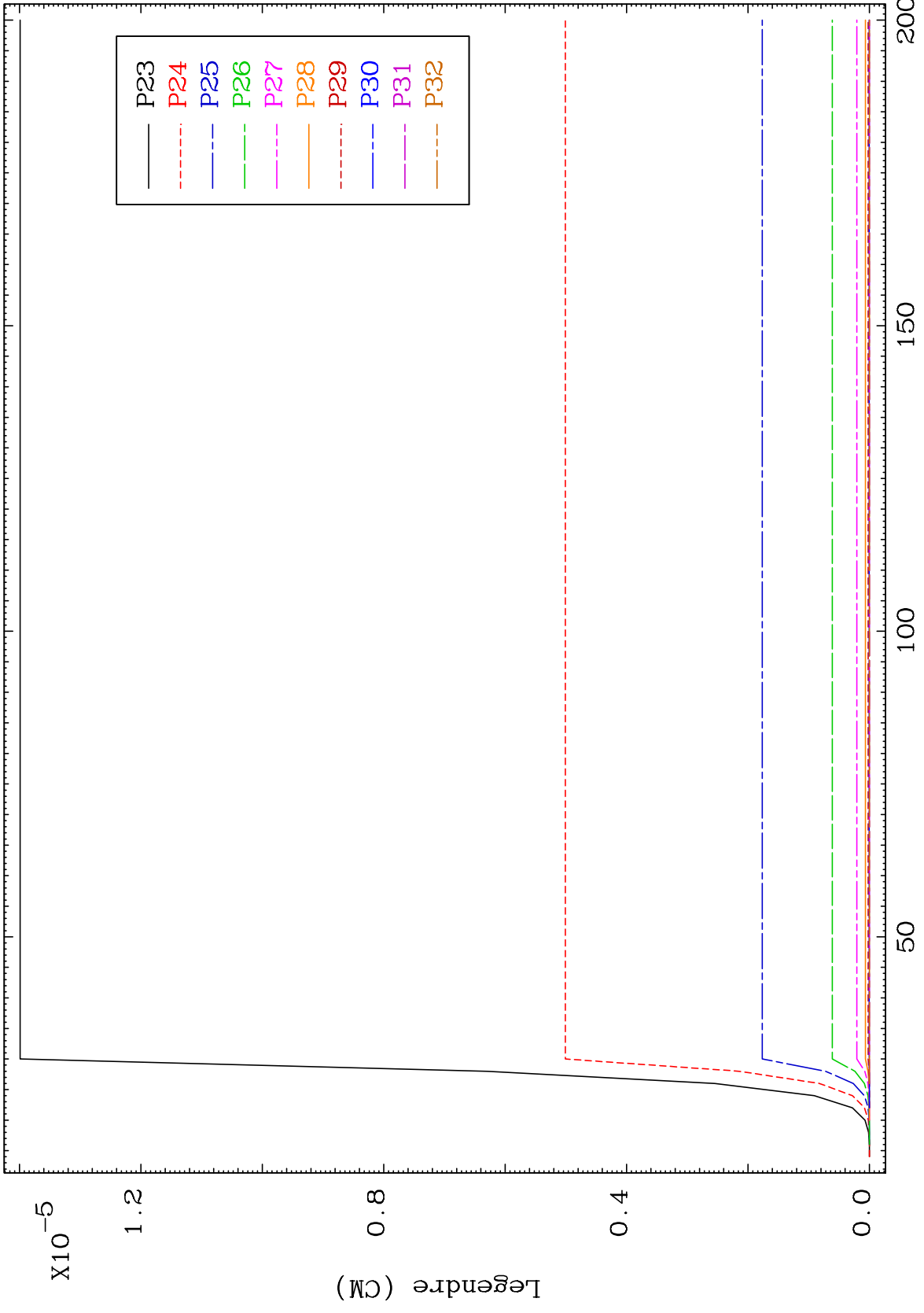
MAT 3025 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-64



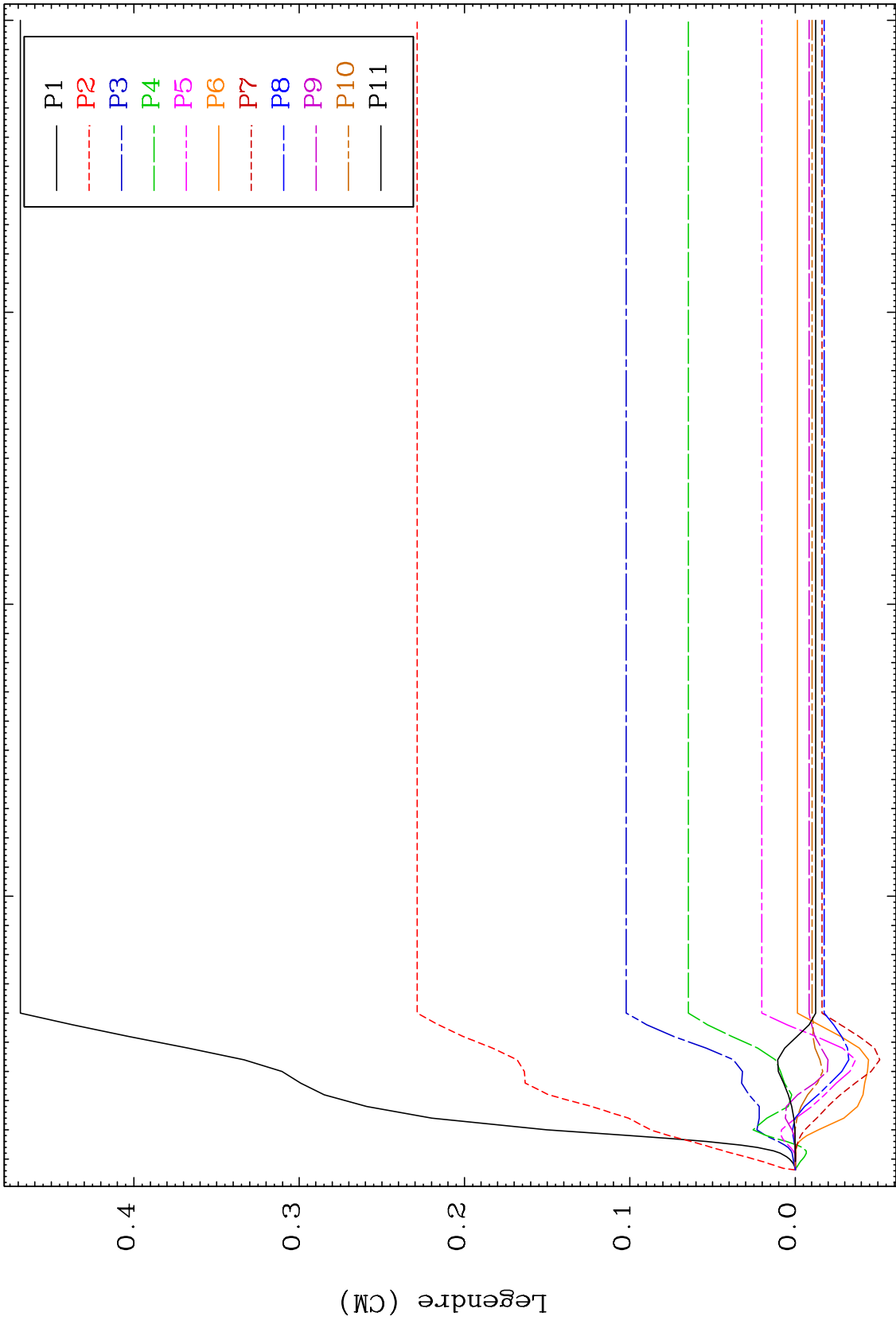
MAT 3025 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-64

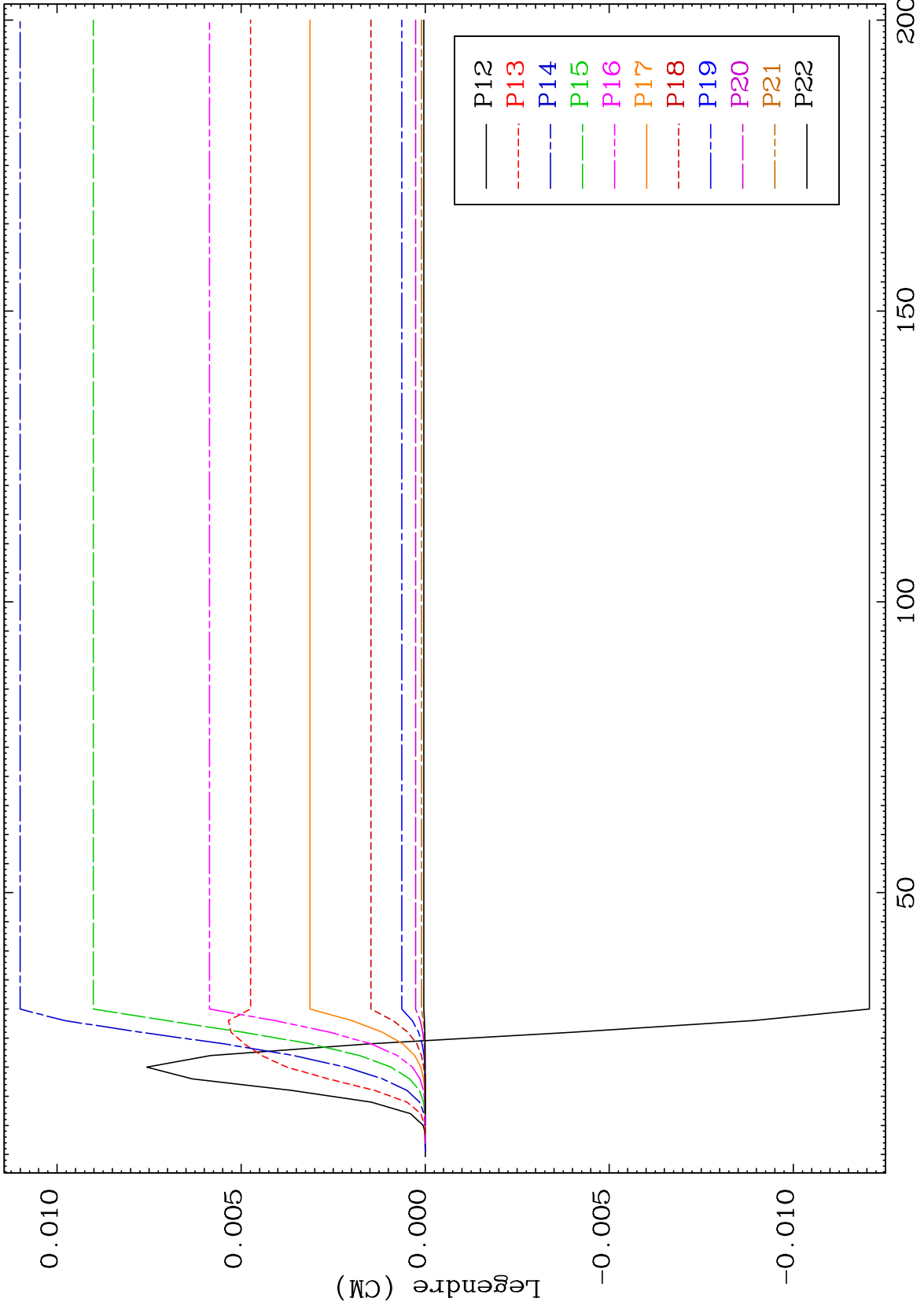


MAT 3025 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-64

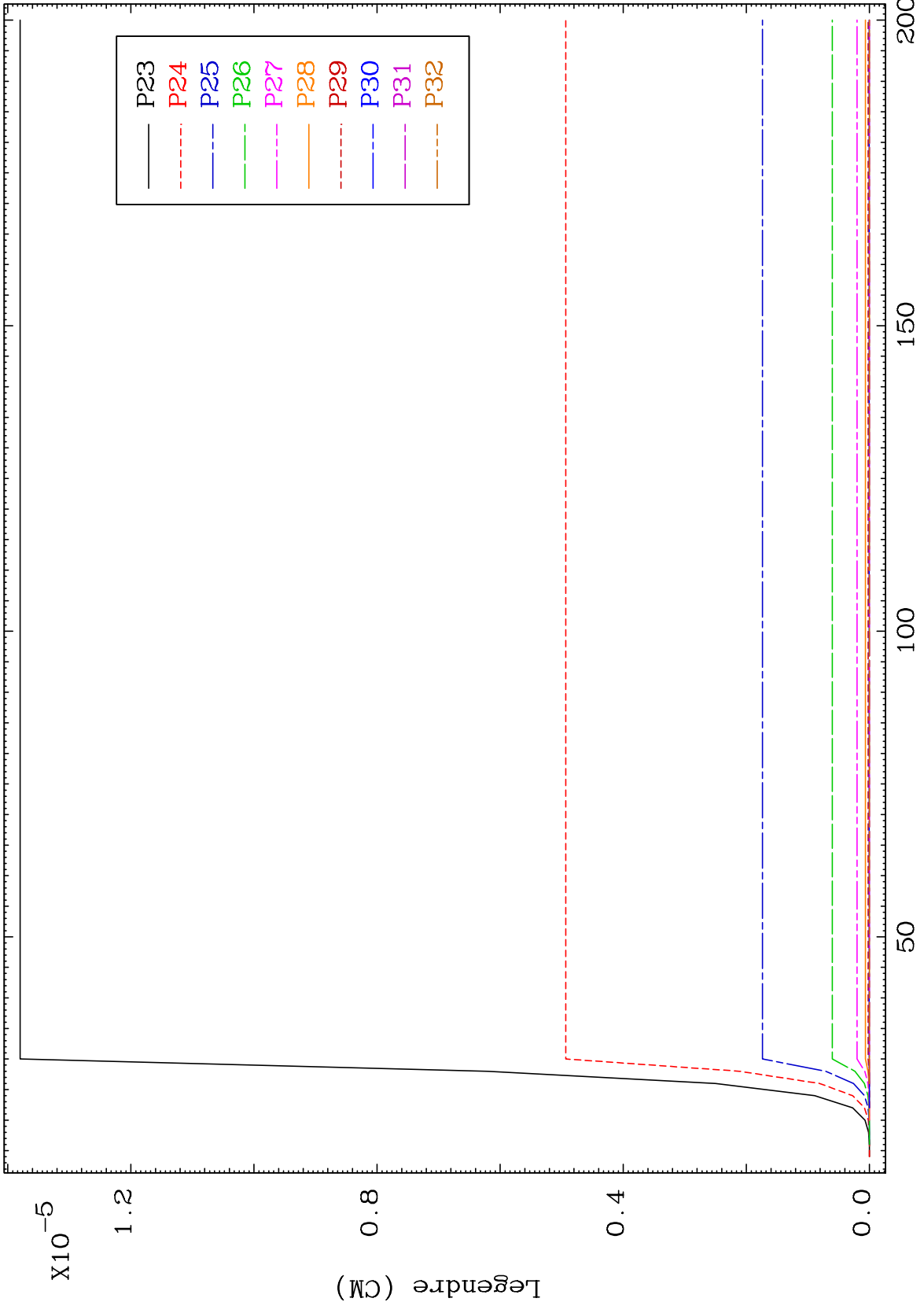


Legendre (CM) Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-64

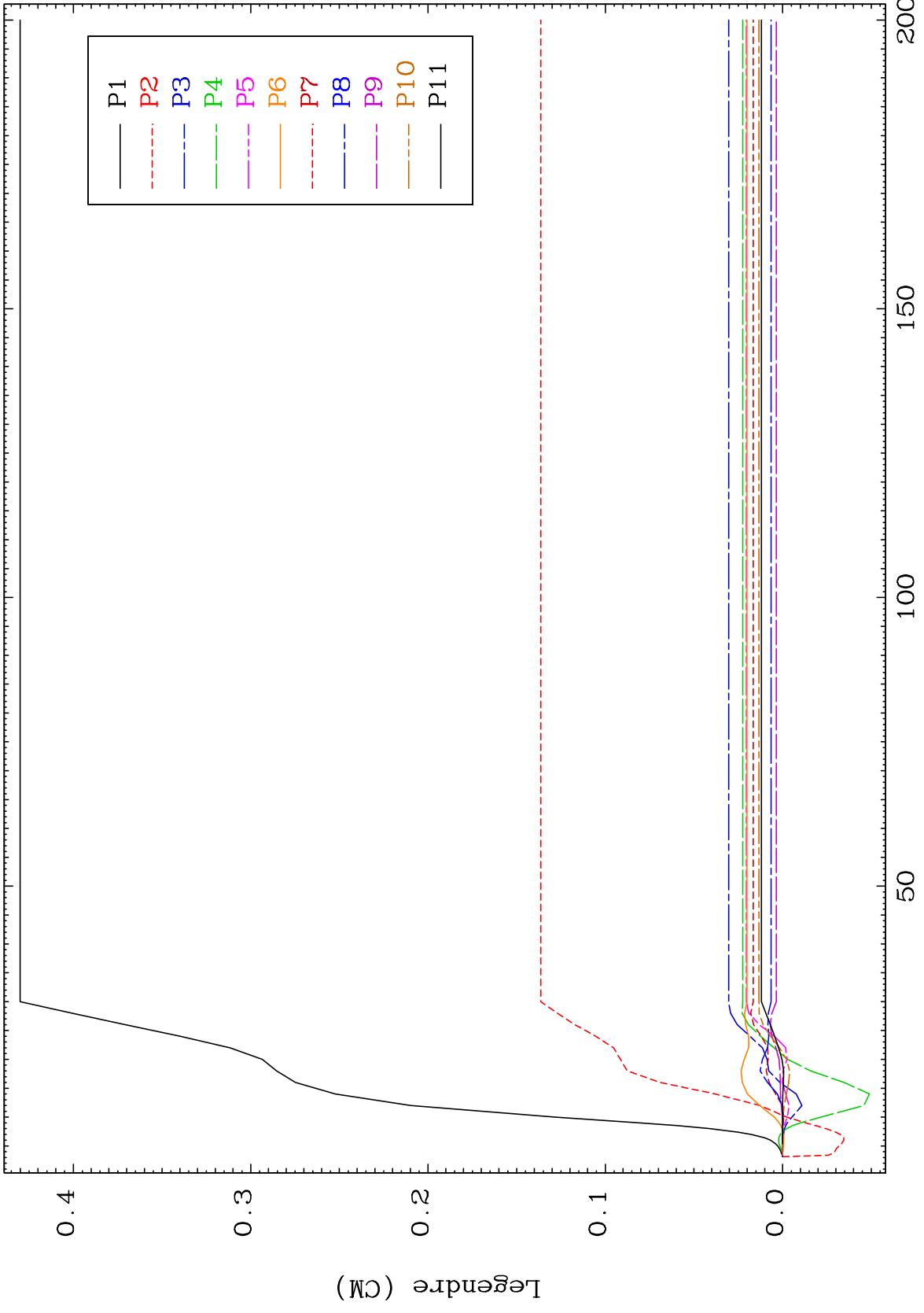


52 30-Zn-64

MAT 3025

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

30-Zn-64



53

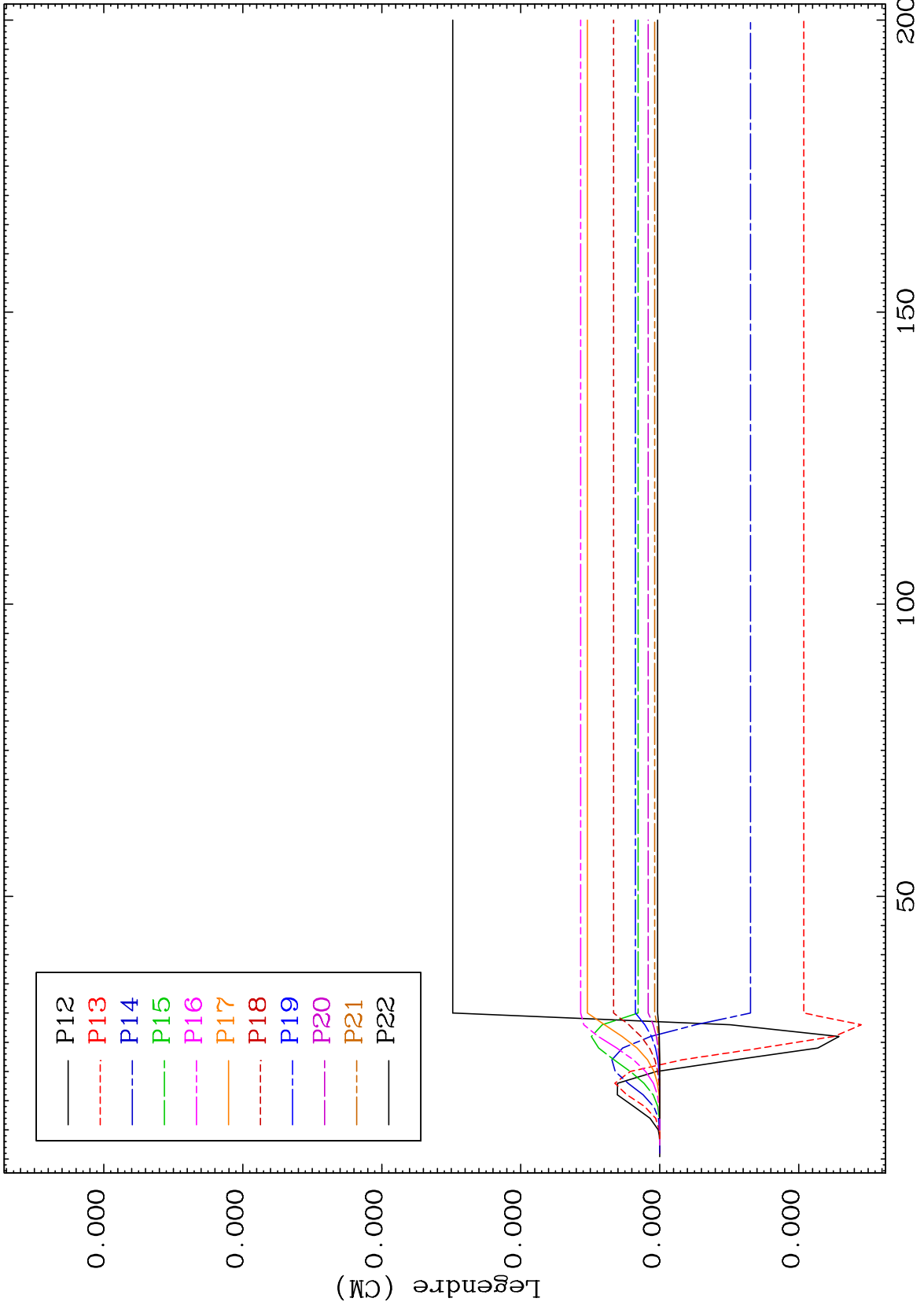
Incident Energy (MeV)

30-Zn-64

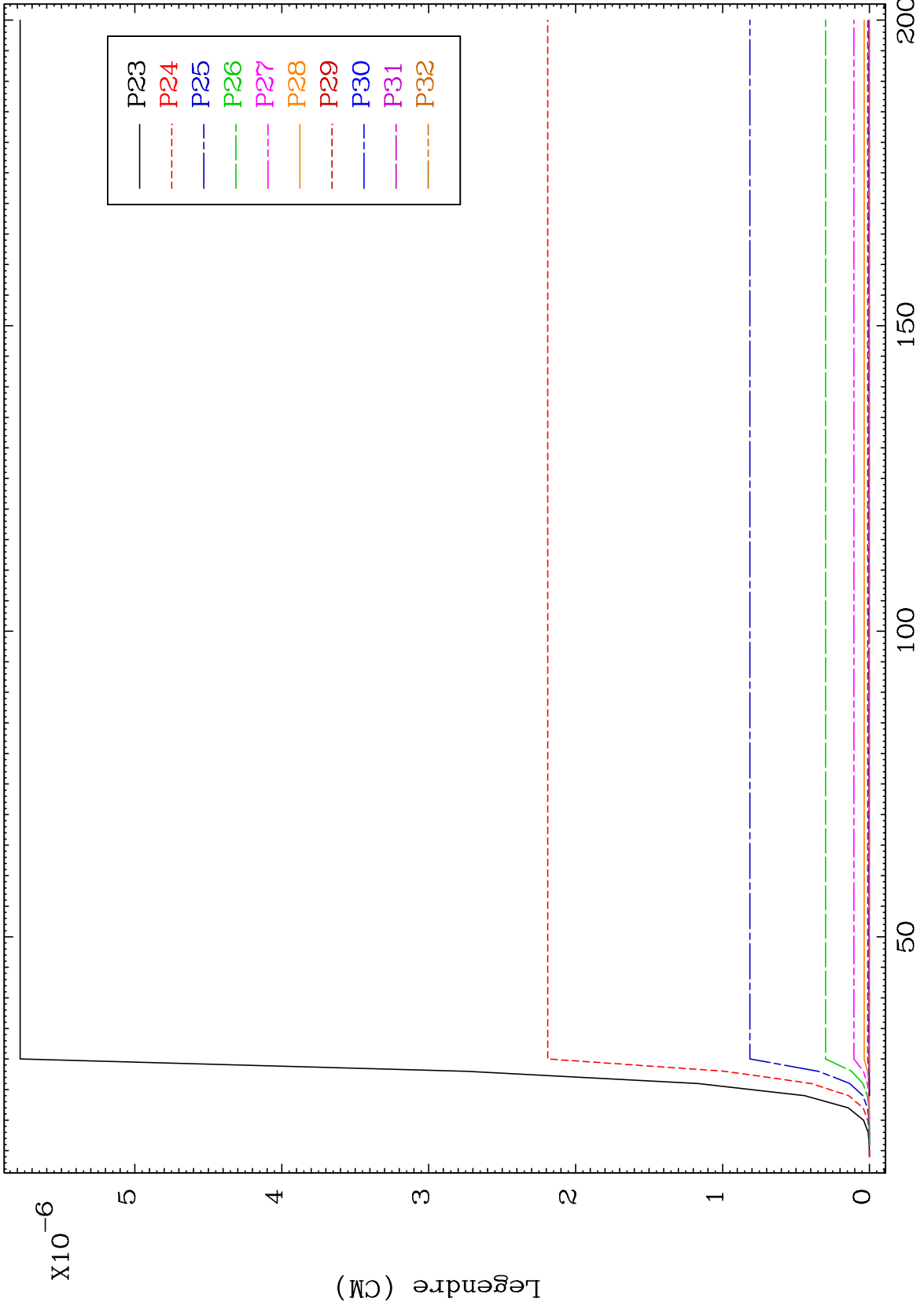
MAT 3025

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

30-Zn-64

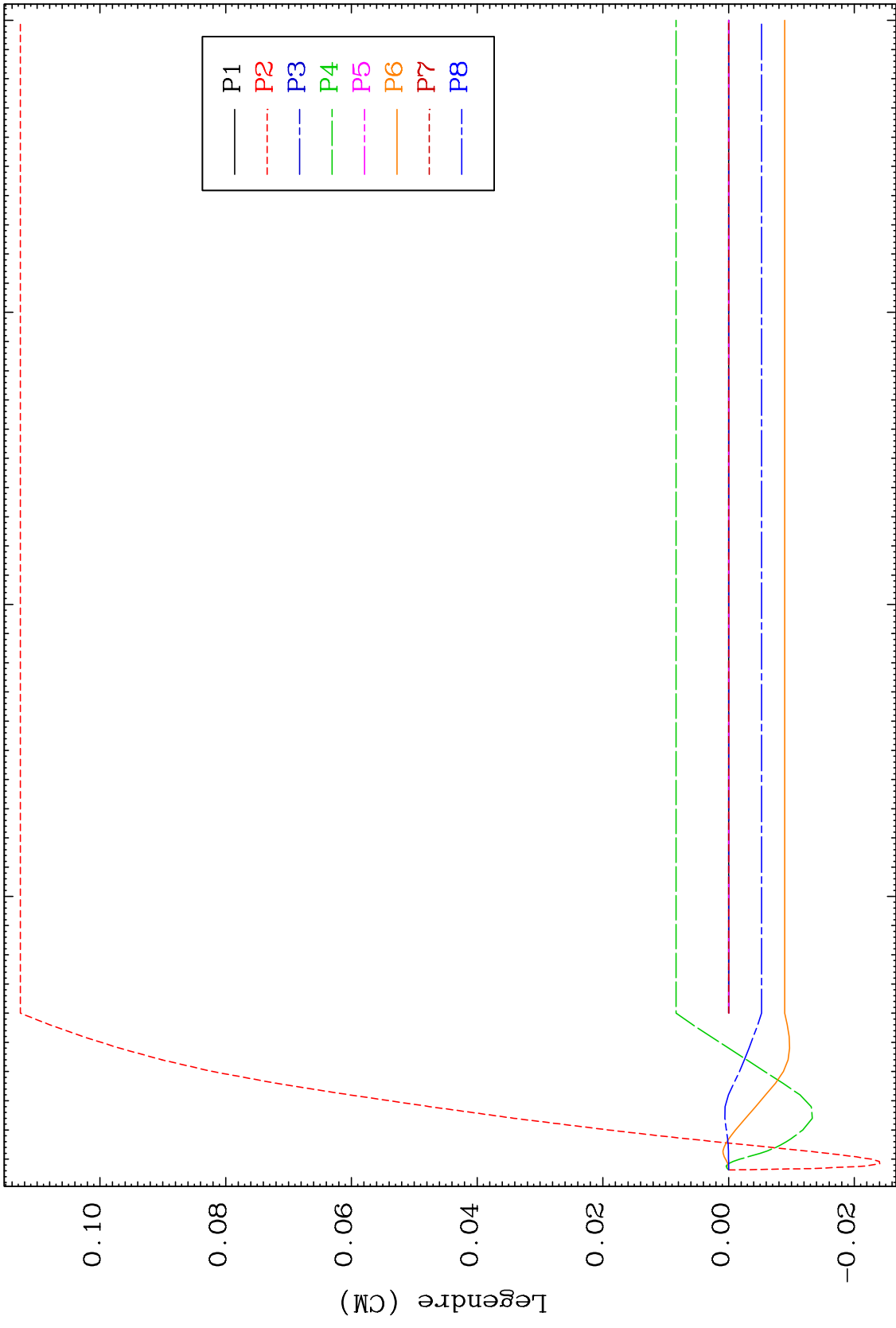


MAT 3025 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-64



55 100 150 200 30-Zn-64

MAT 3025 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-64

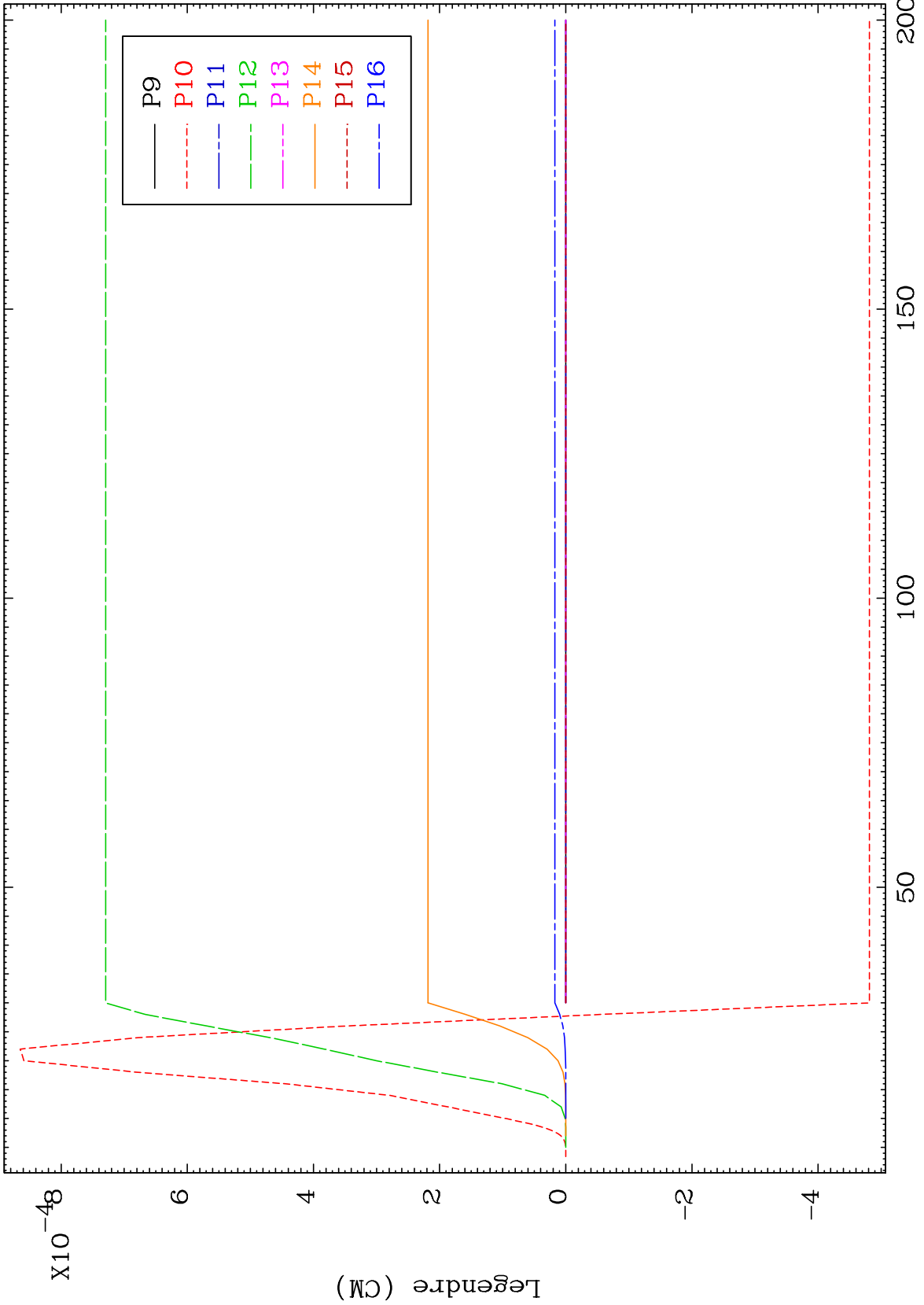


56 Incident Energy (MeV) 30-Zn-64

MAT 3025

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

30-Zn-64

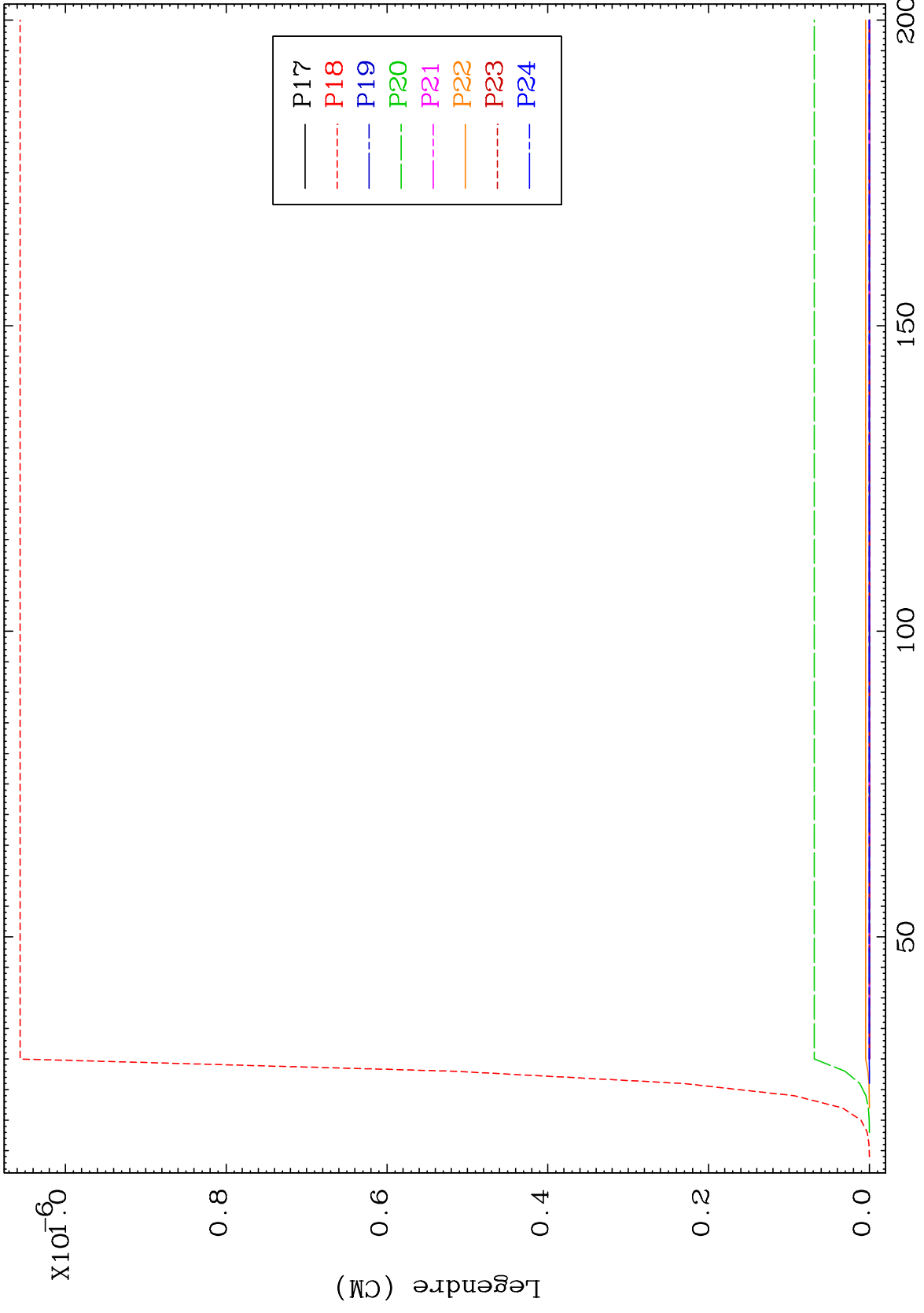


57

Incident Energy (MeV)

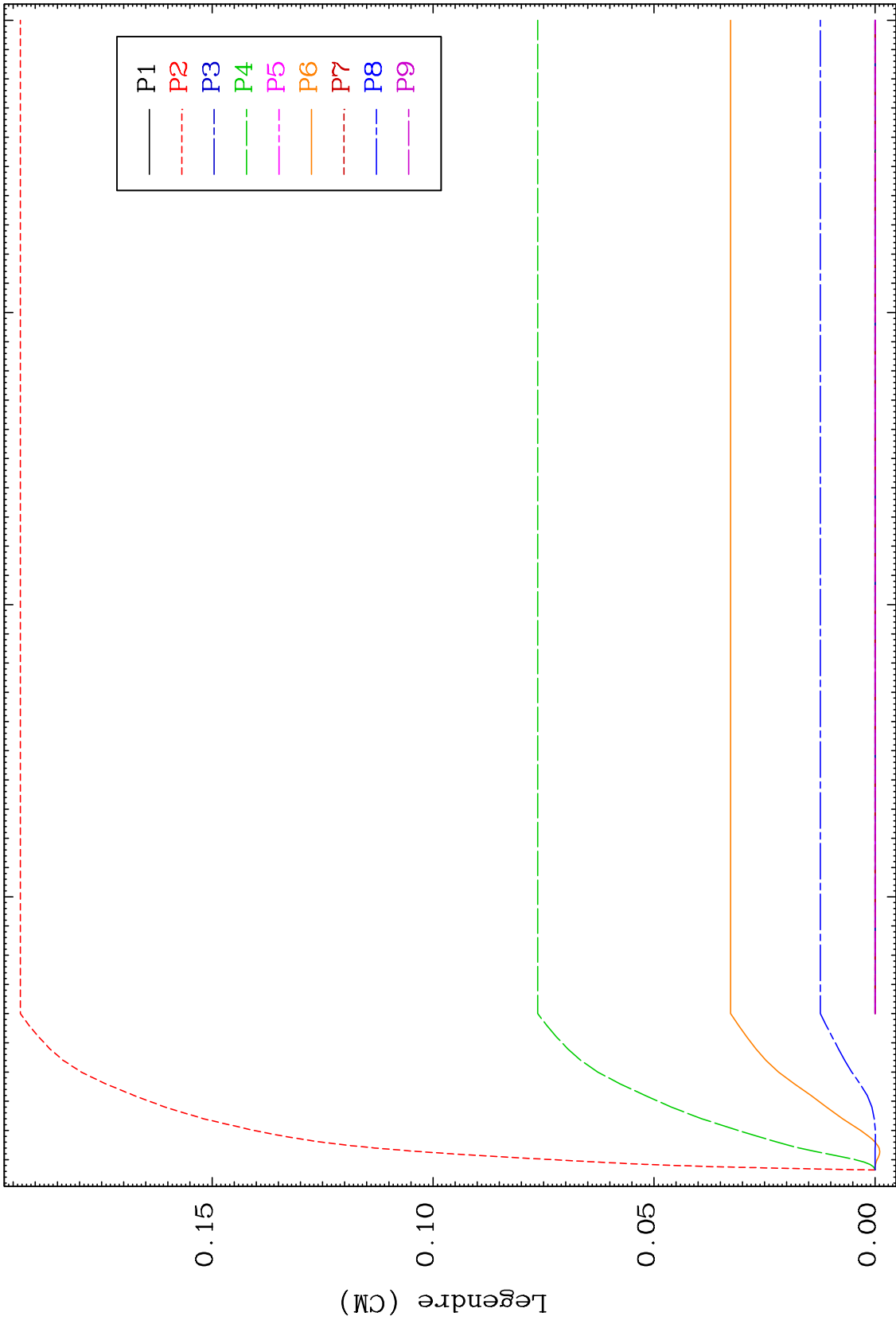
30-Zn-64

MAT 3025 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-64



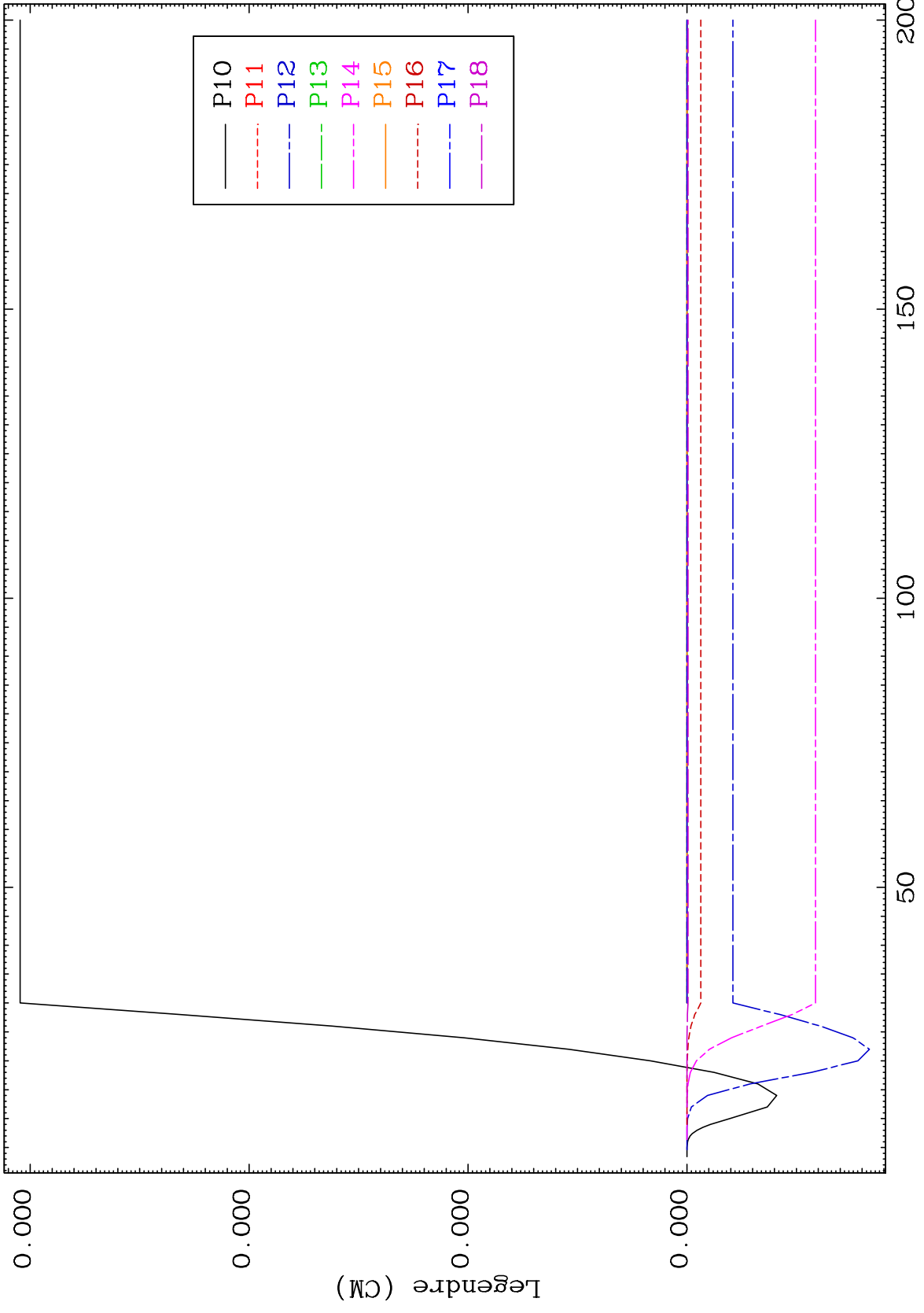
58 30-Zn-64

MAT 3025 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-64



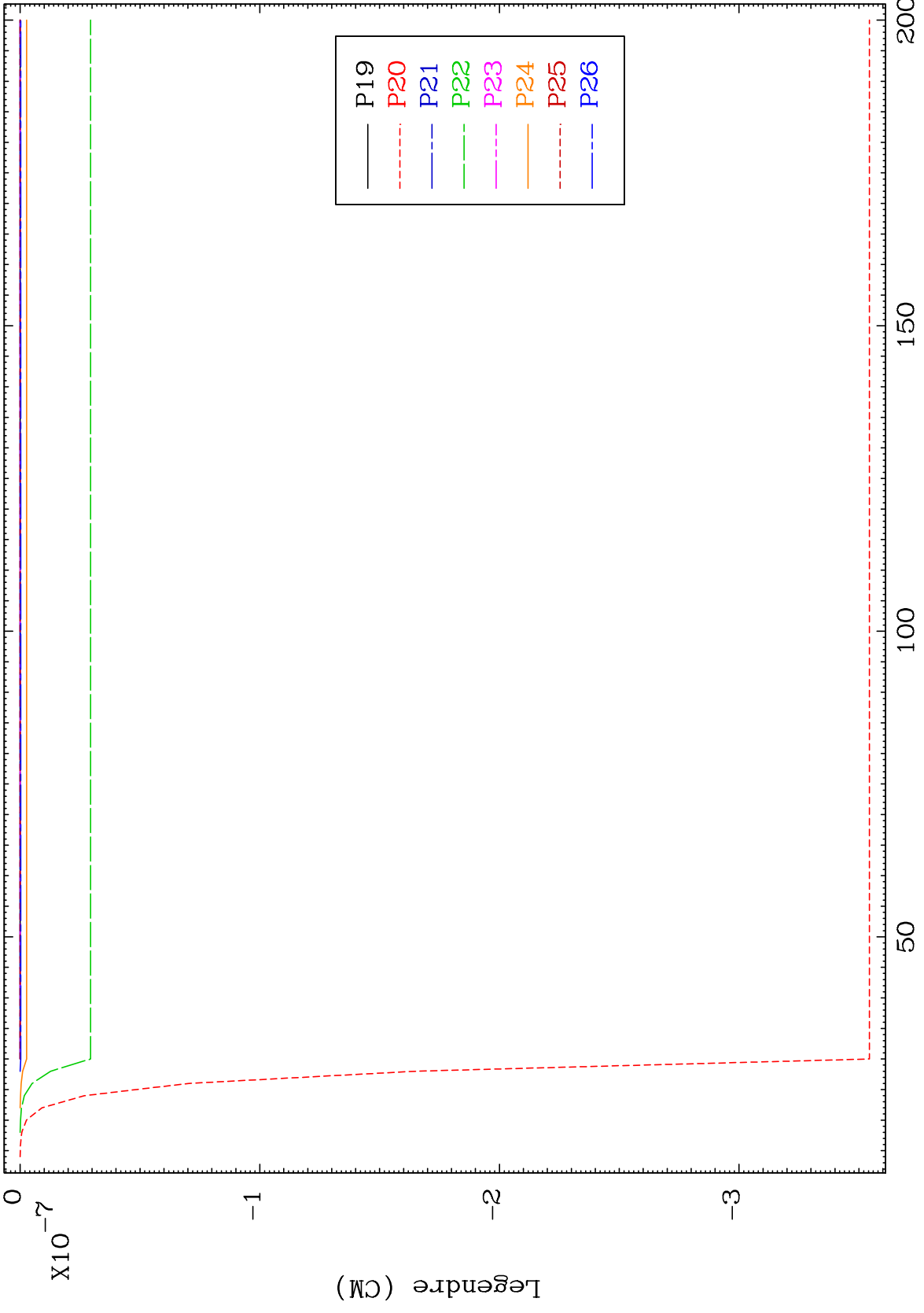
59 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-64

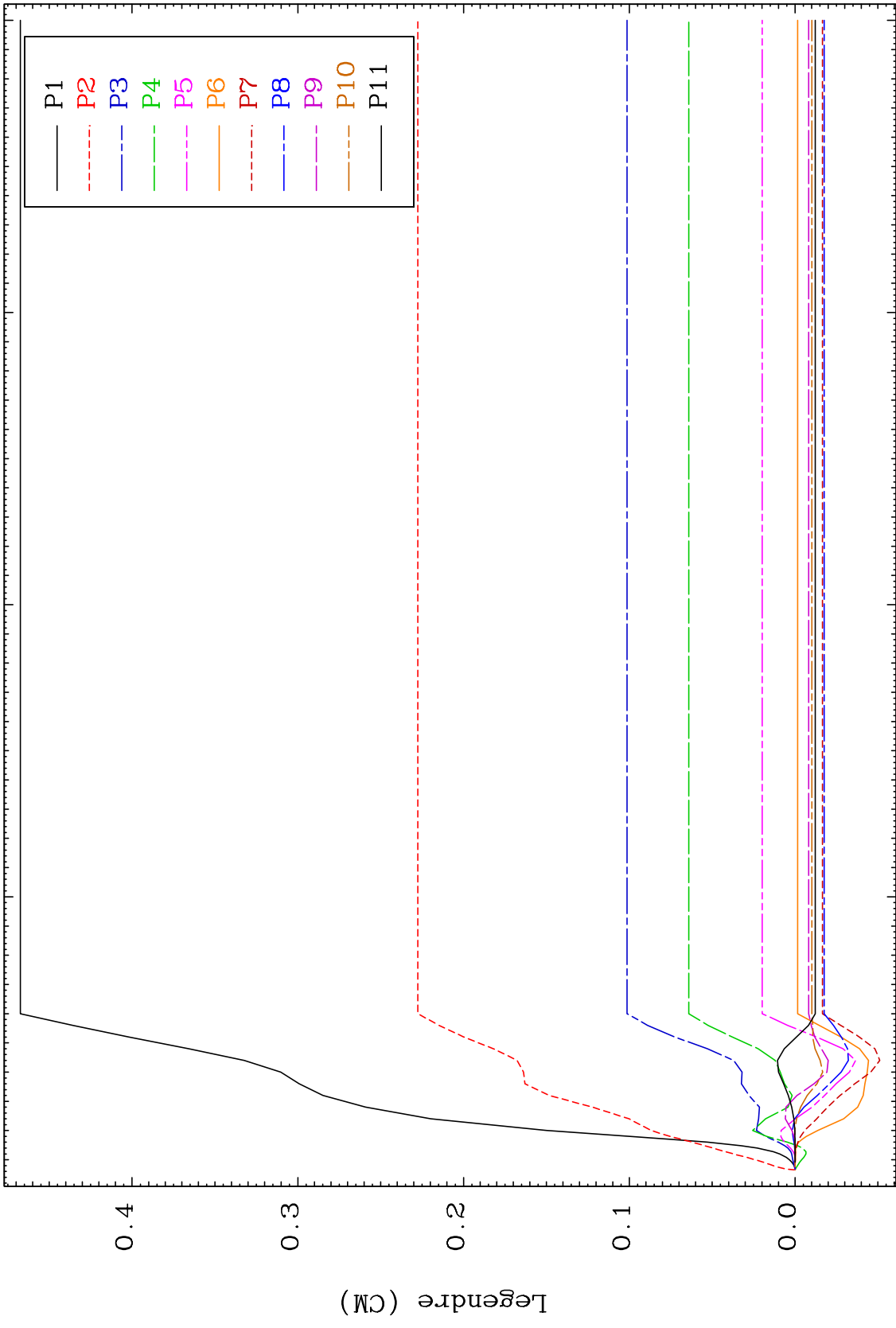


60 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-64

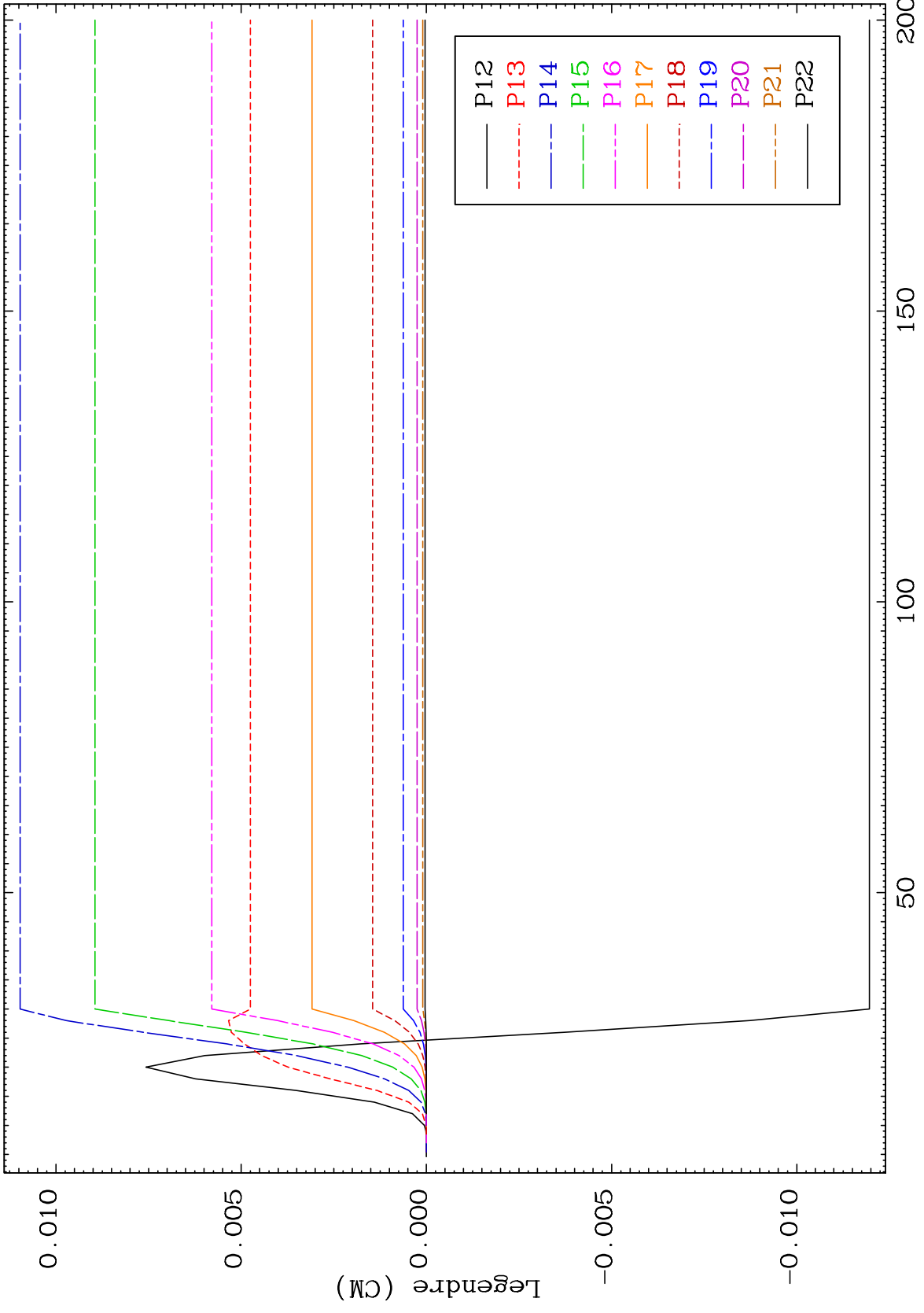


MAT 3025 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-64

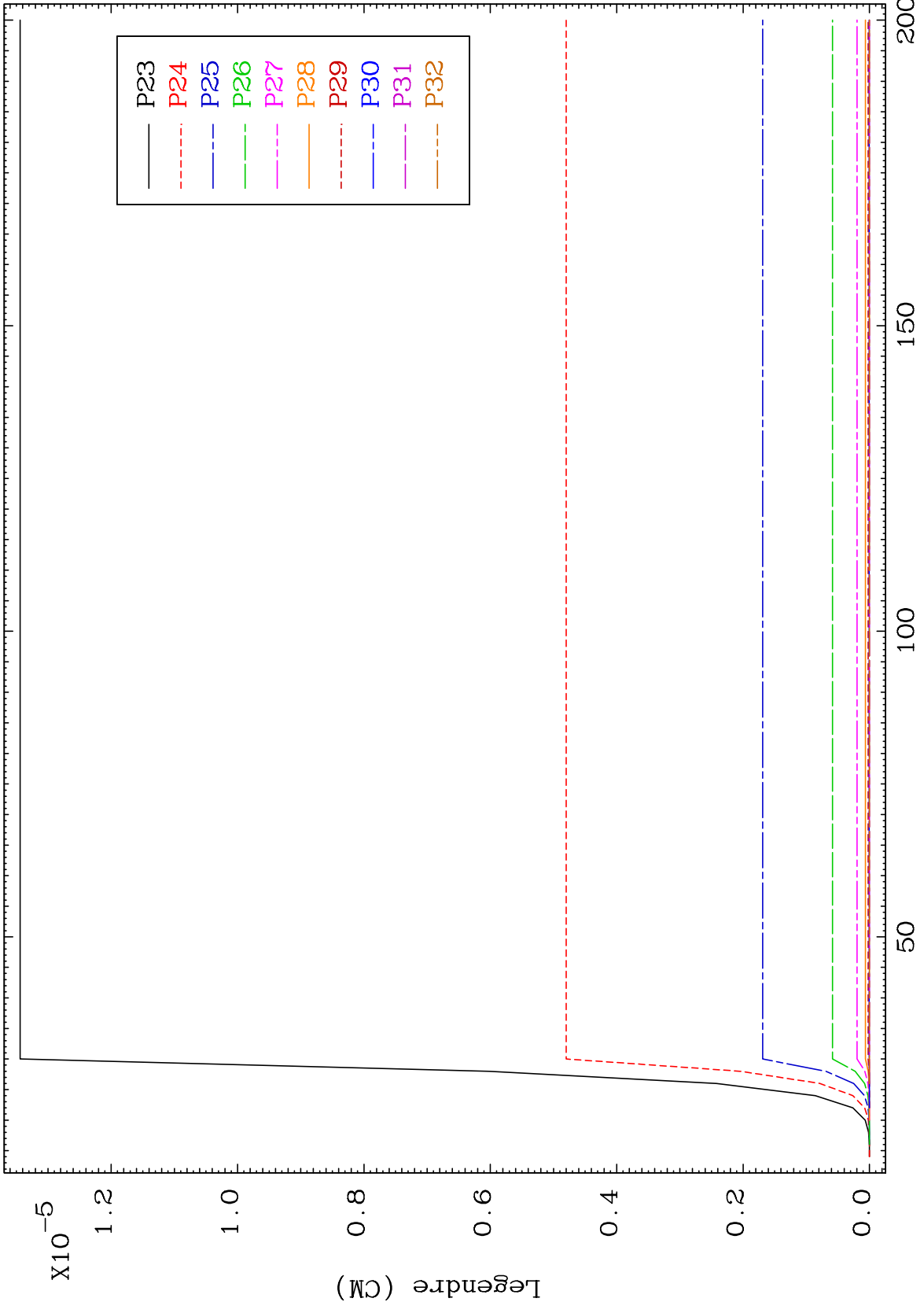


62 50 100 150 200 30-Zn-64

MAT 3025 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-64

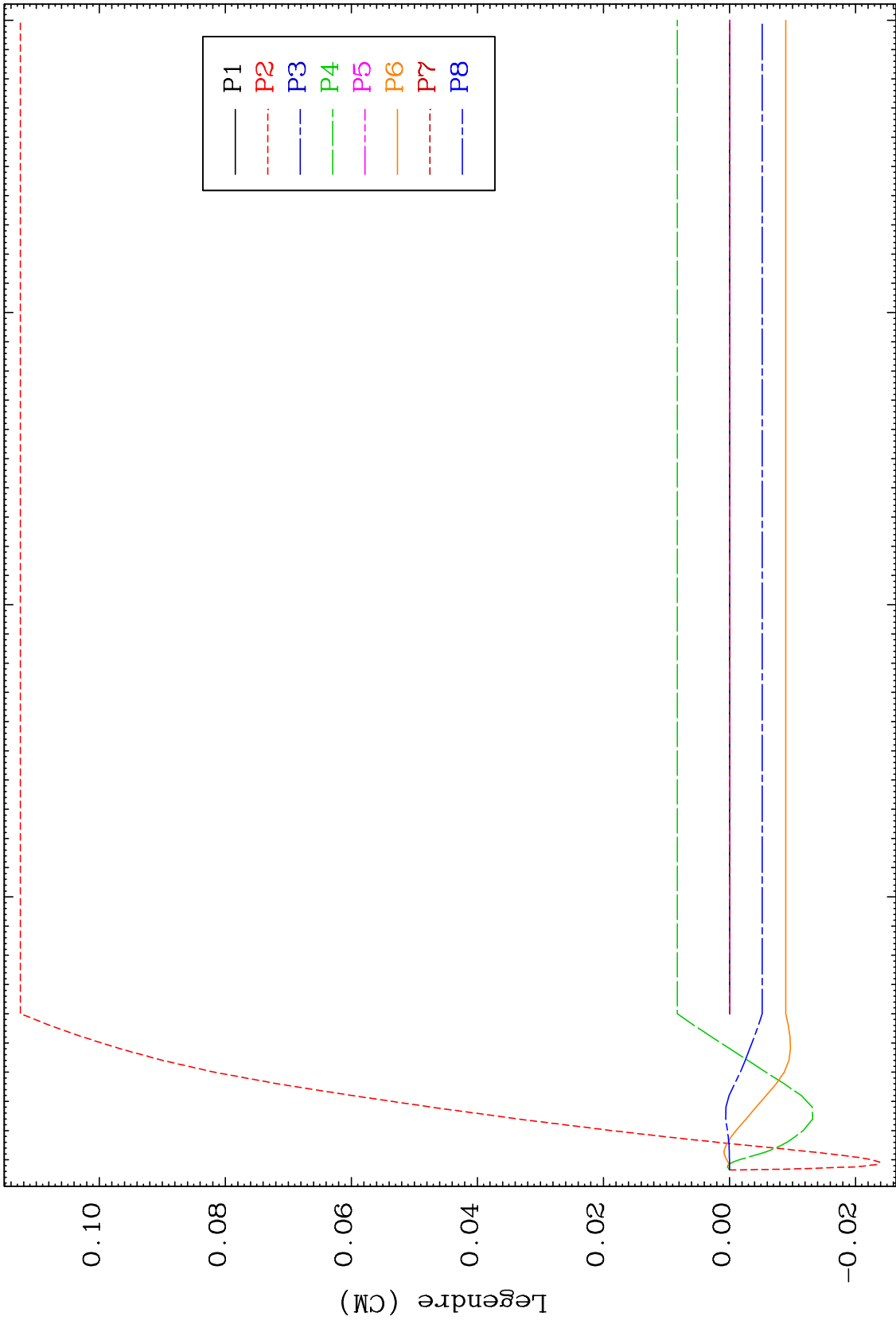


MAT 3025 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-64



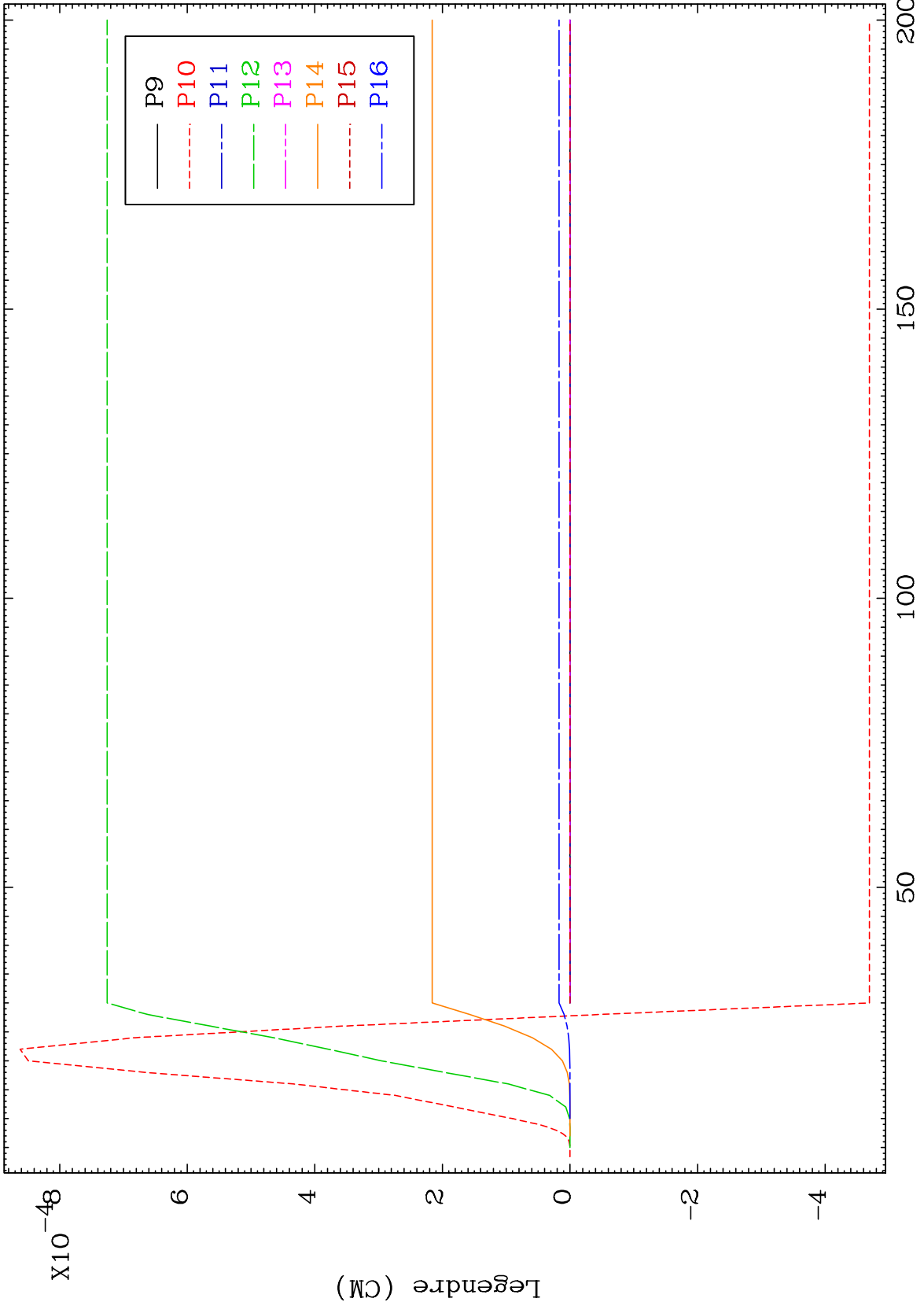
64 30-Zn-64

MAT 3025 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-64



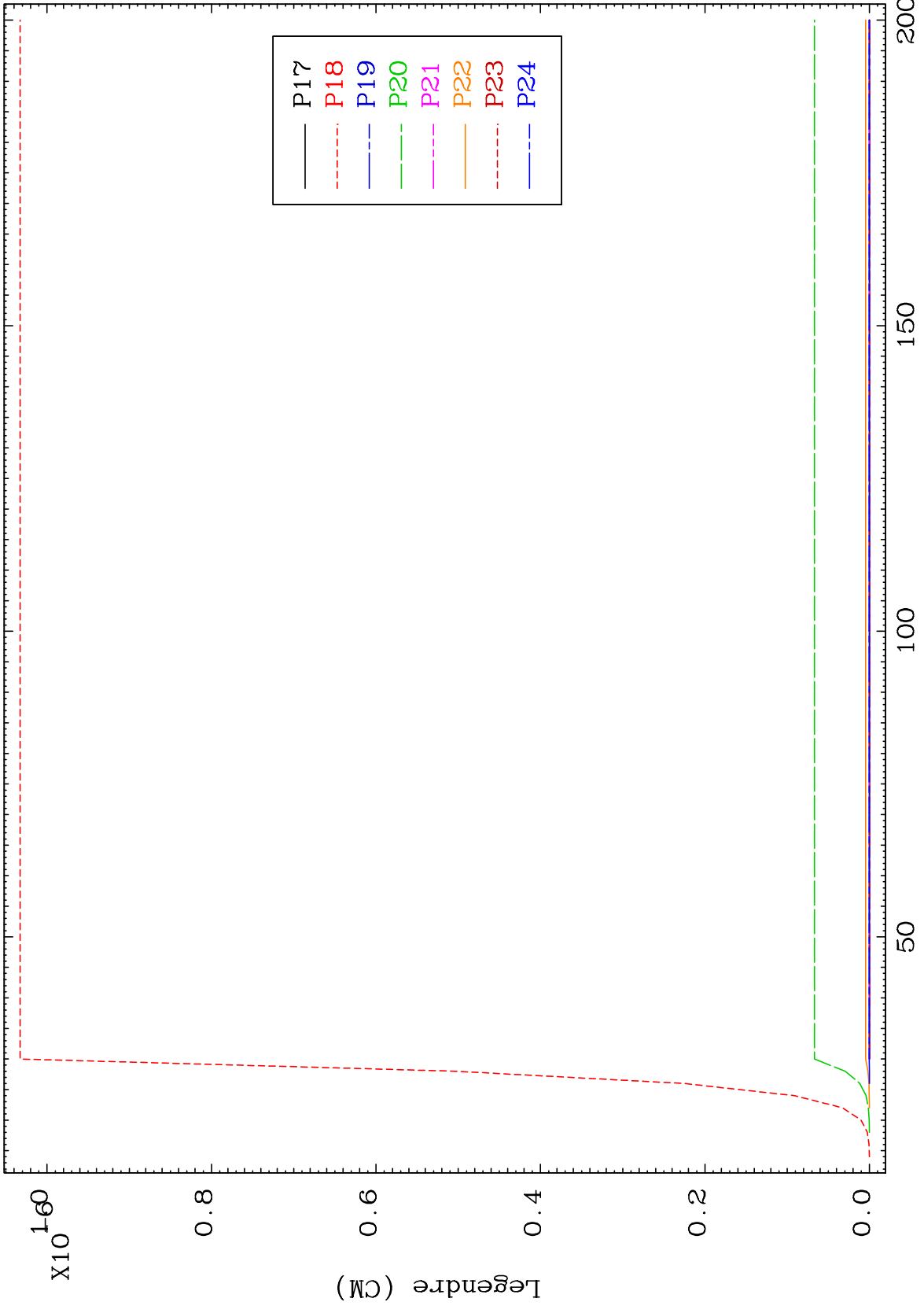
65 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-64

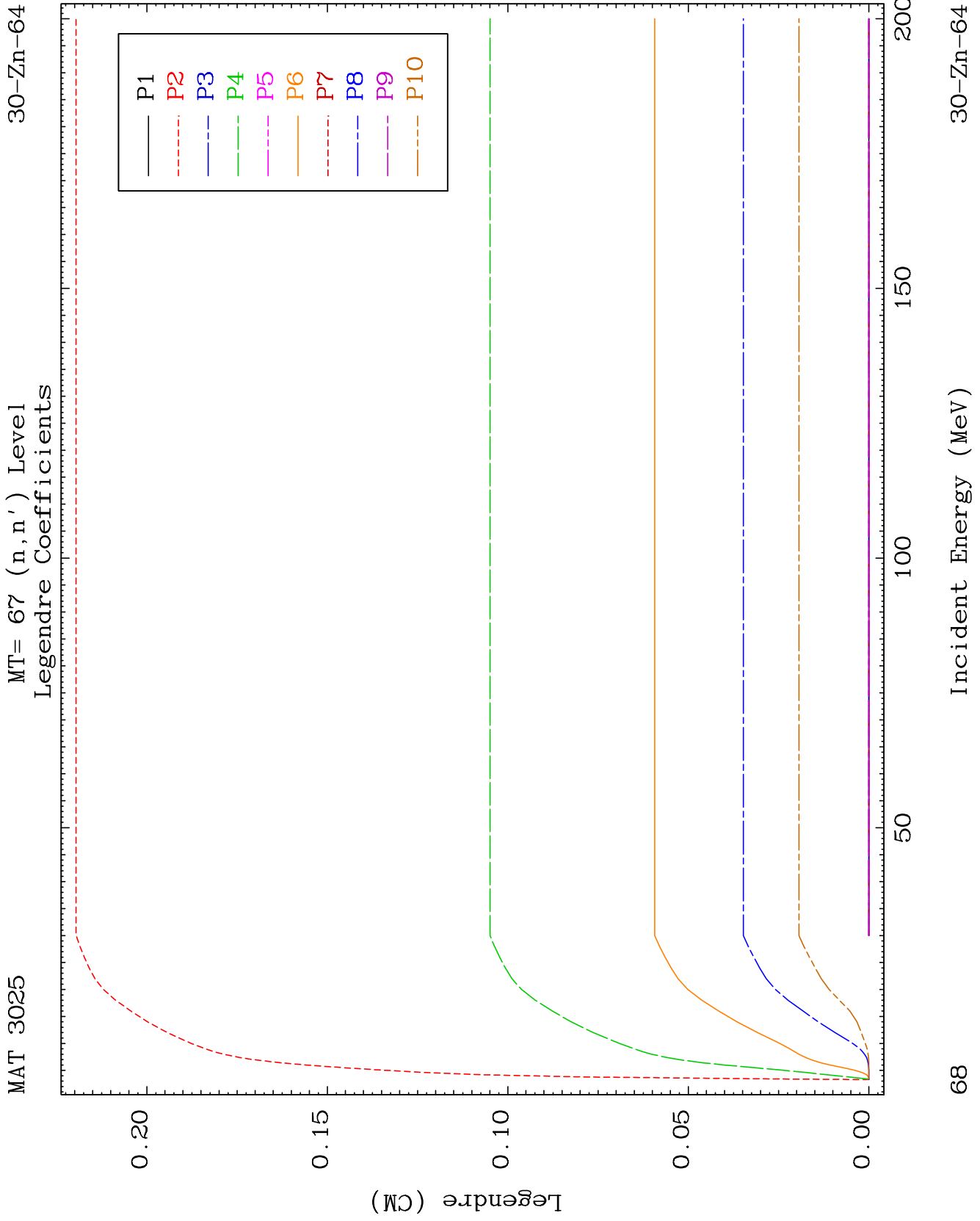


66 30-Zn-64

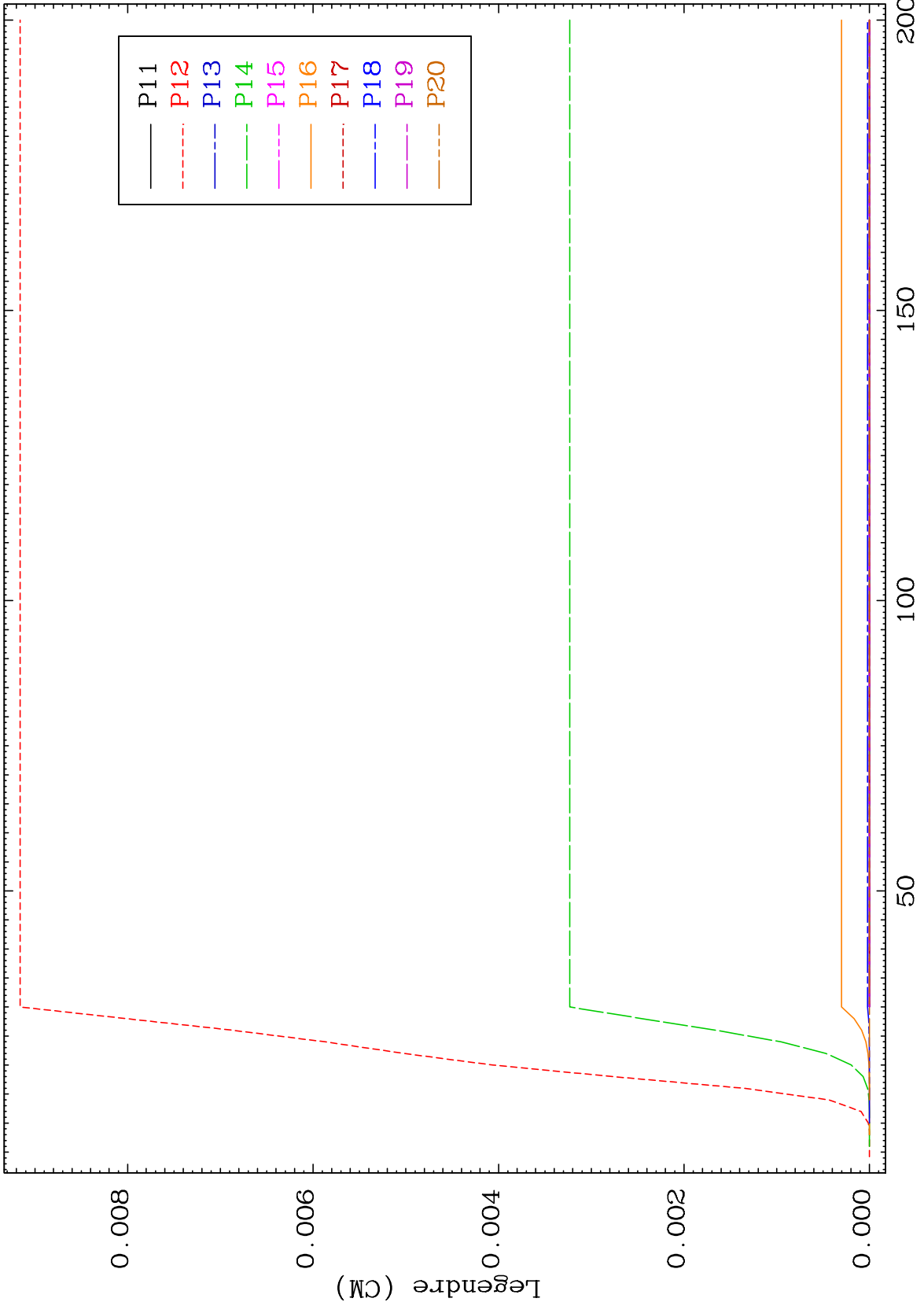
MAT 3025 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-64



67 30-Zn-64

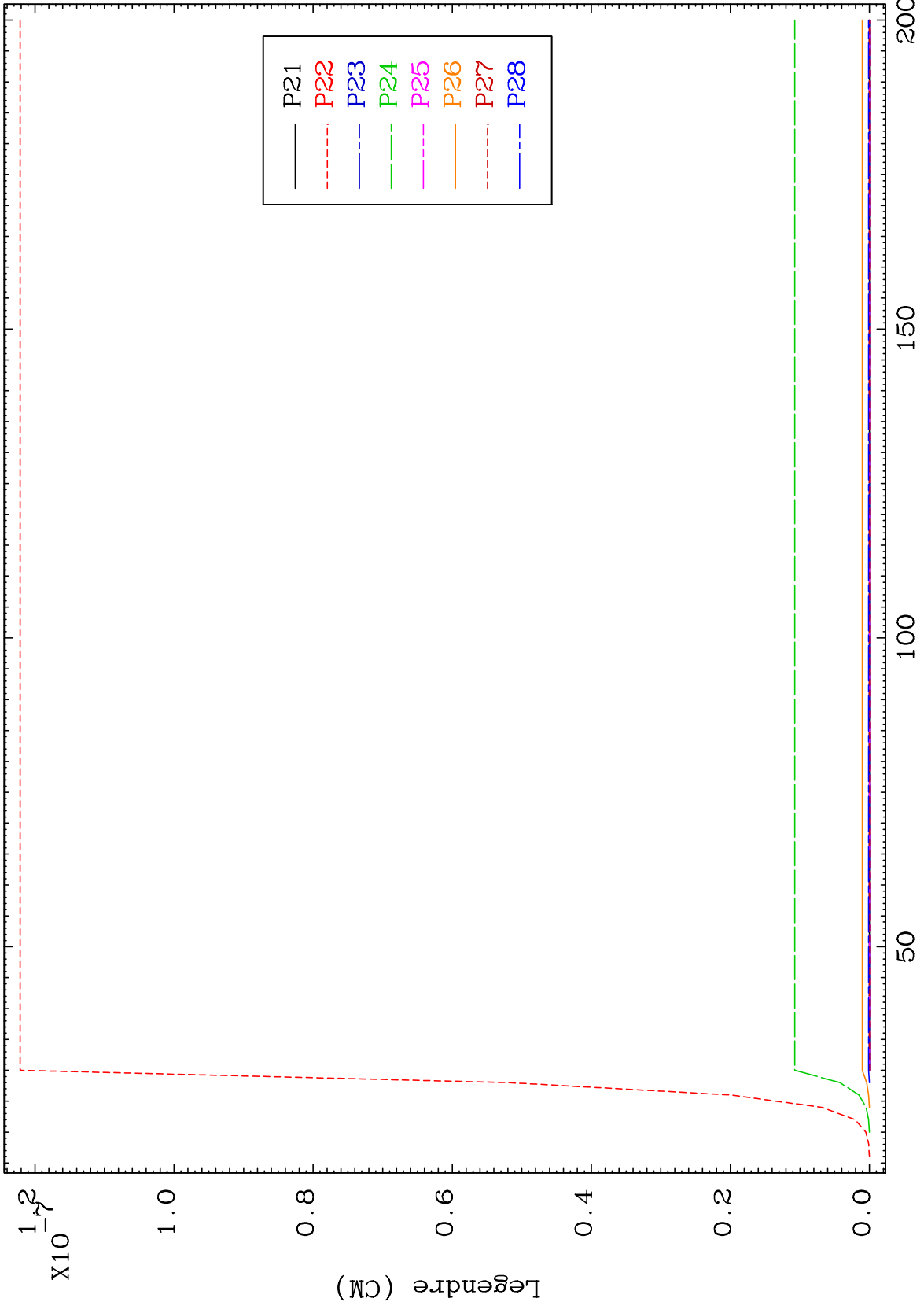


MAT 3025 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-64



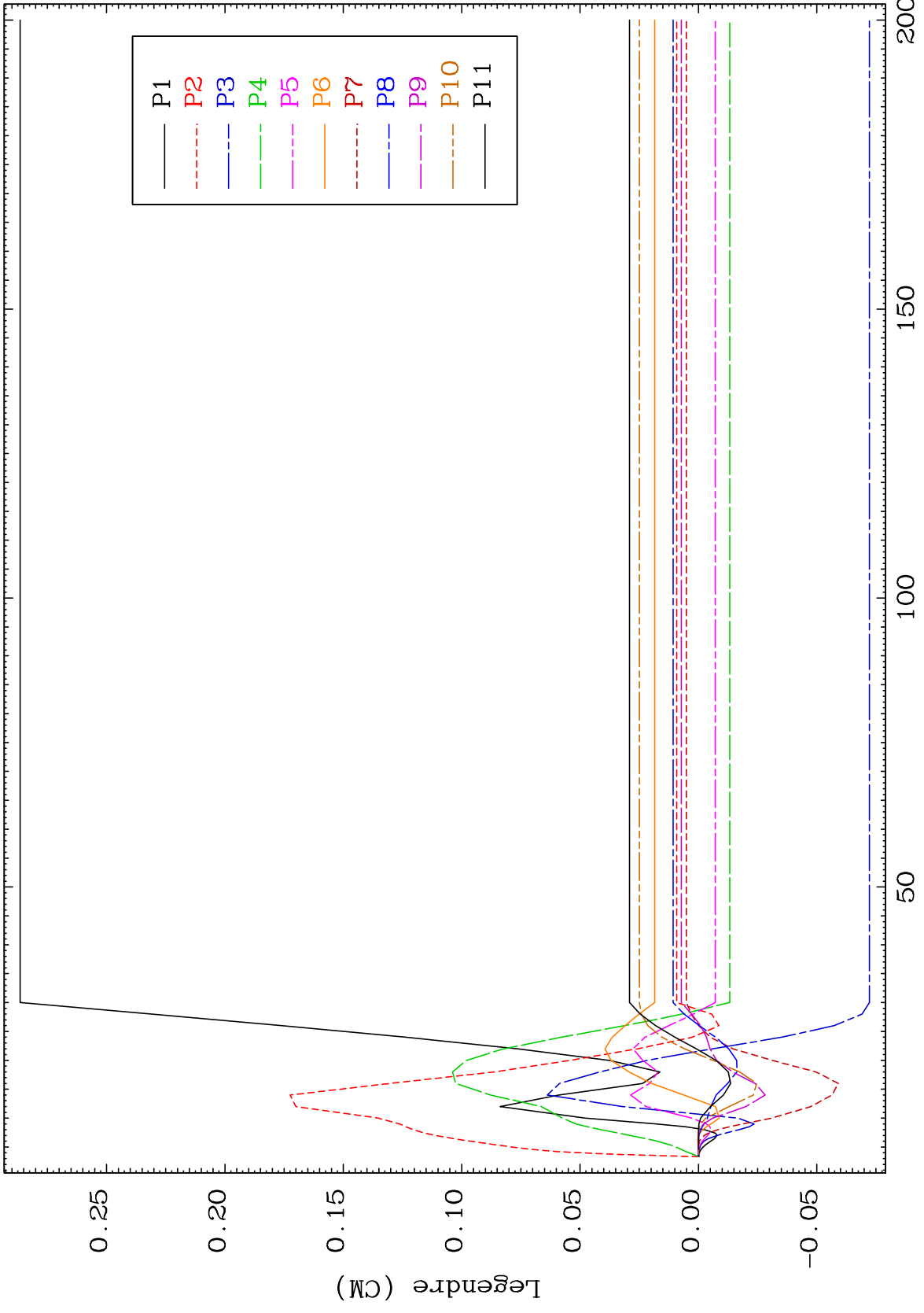
69 30-Zn-64

MAT 3025 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-64



30-Zn-64

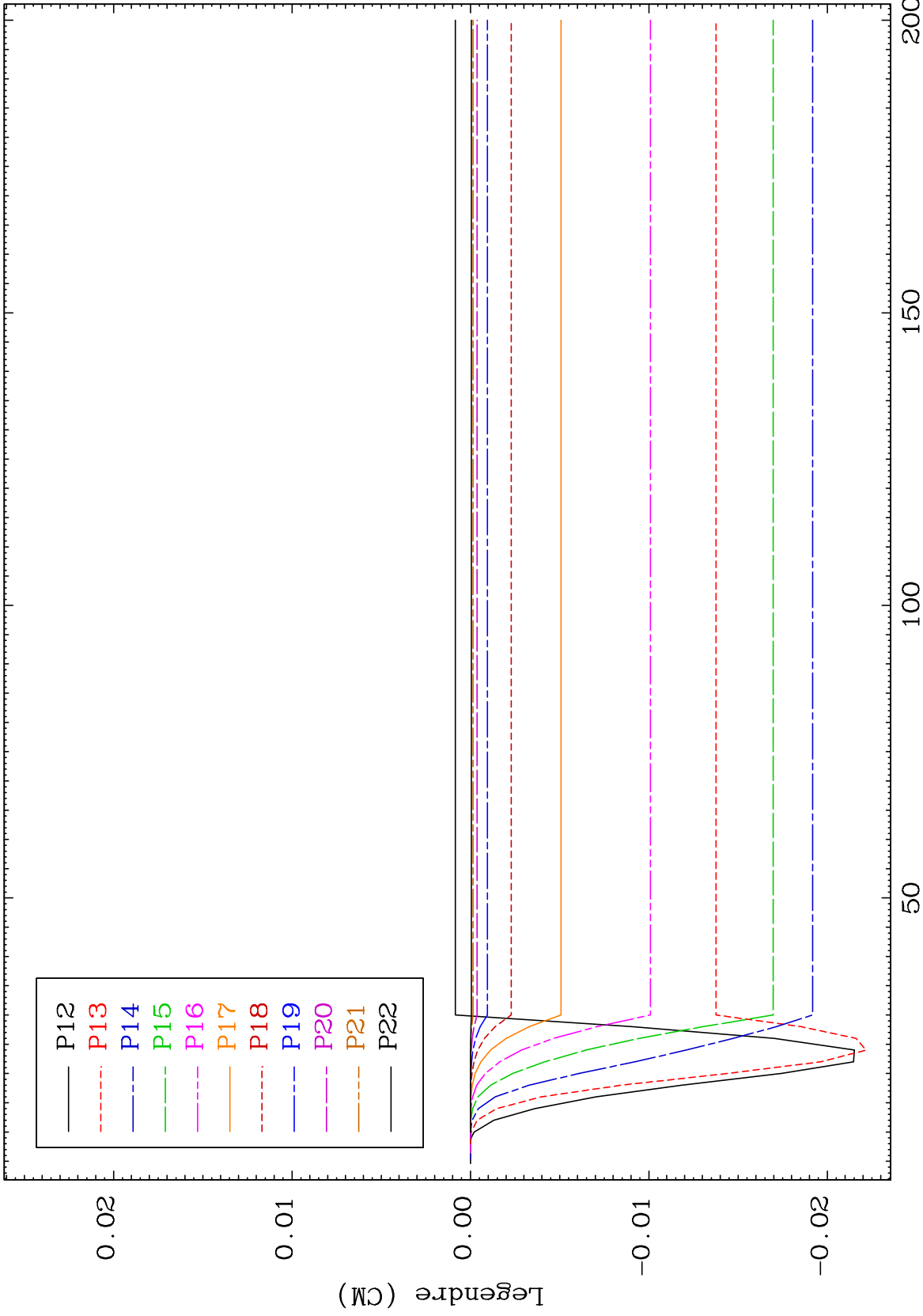
MAT 3025 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

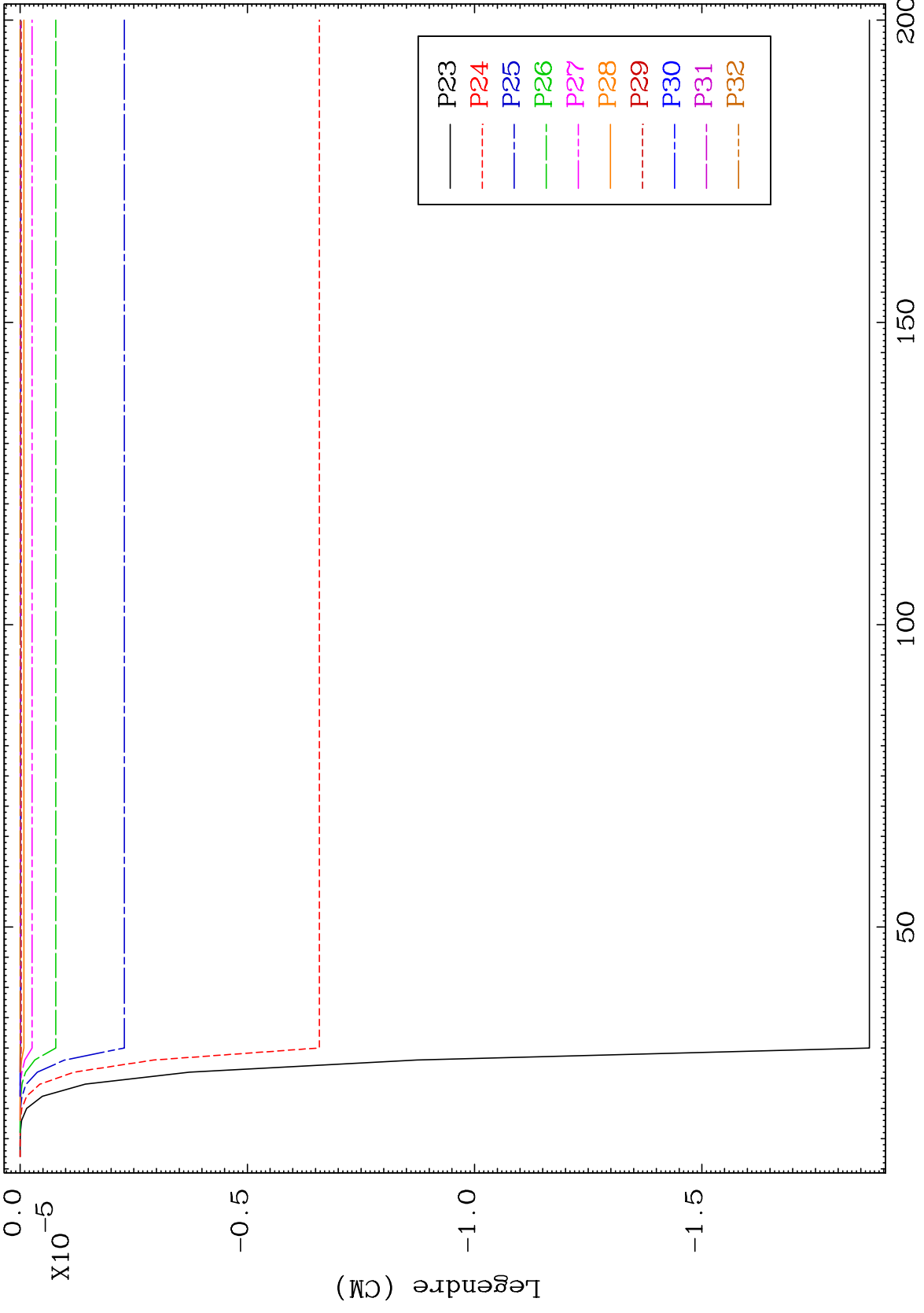


72

Incident Energy (MeV)

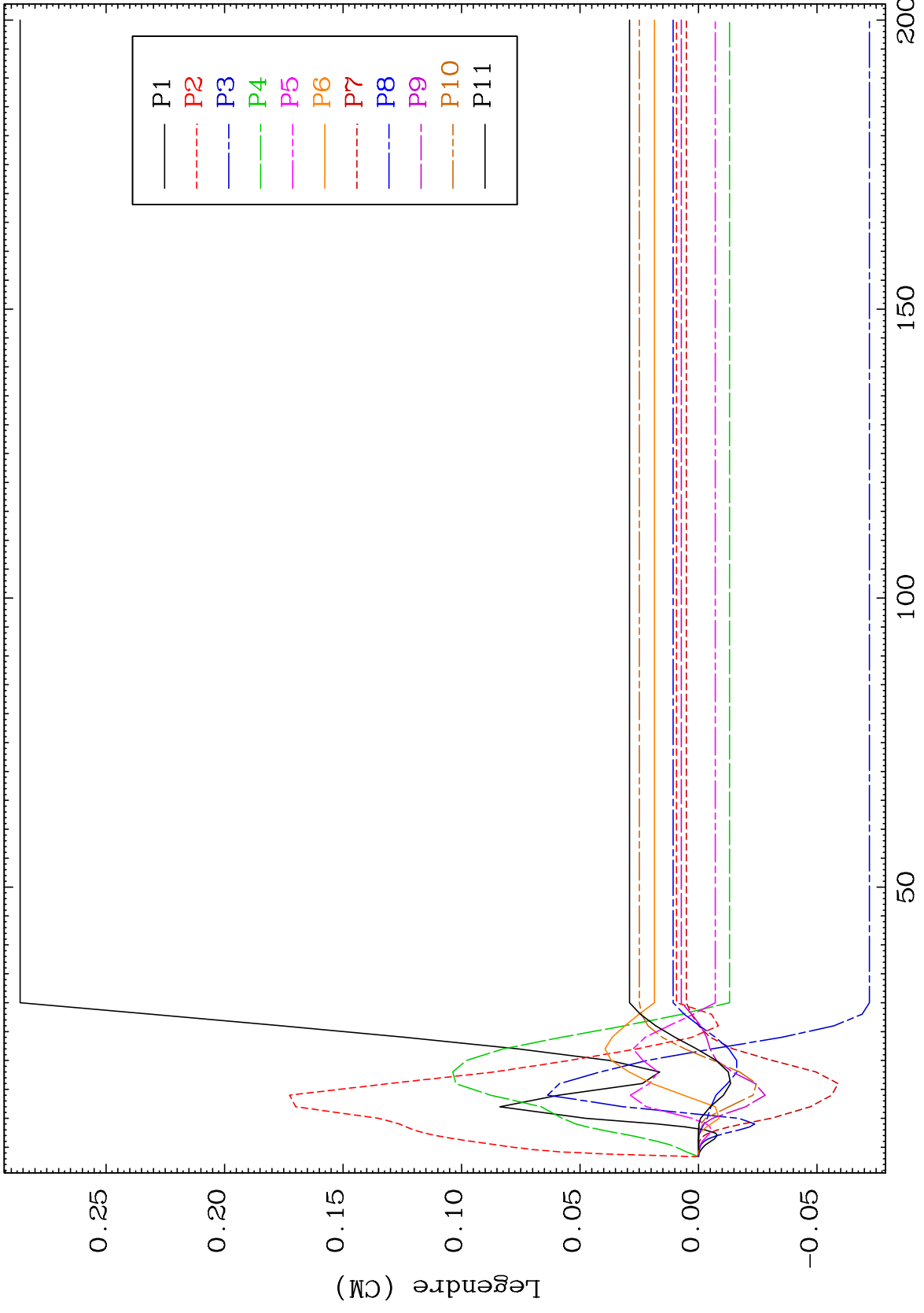
30-Zn-64

MAT 3025 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-64



73 30-Zn-64

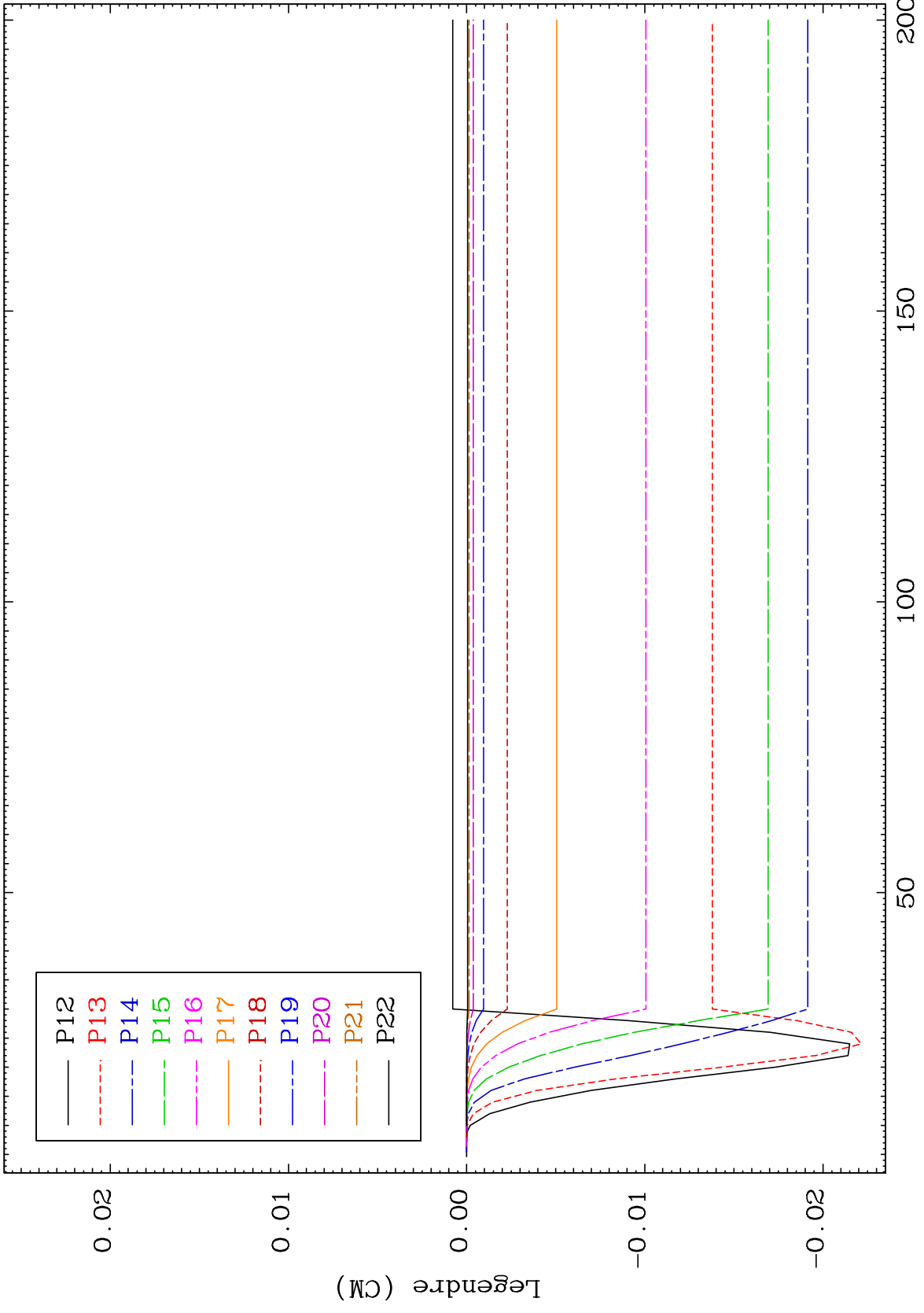
MAT 3025 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

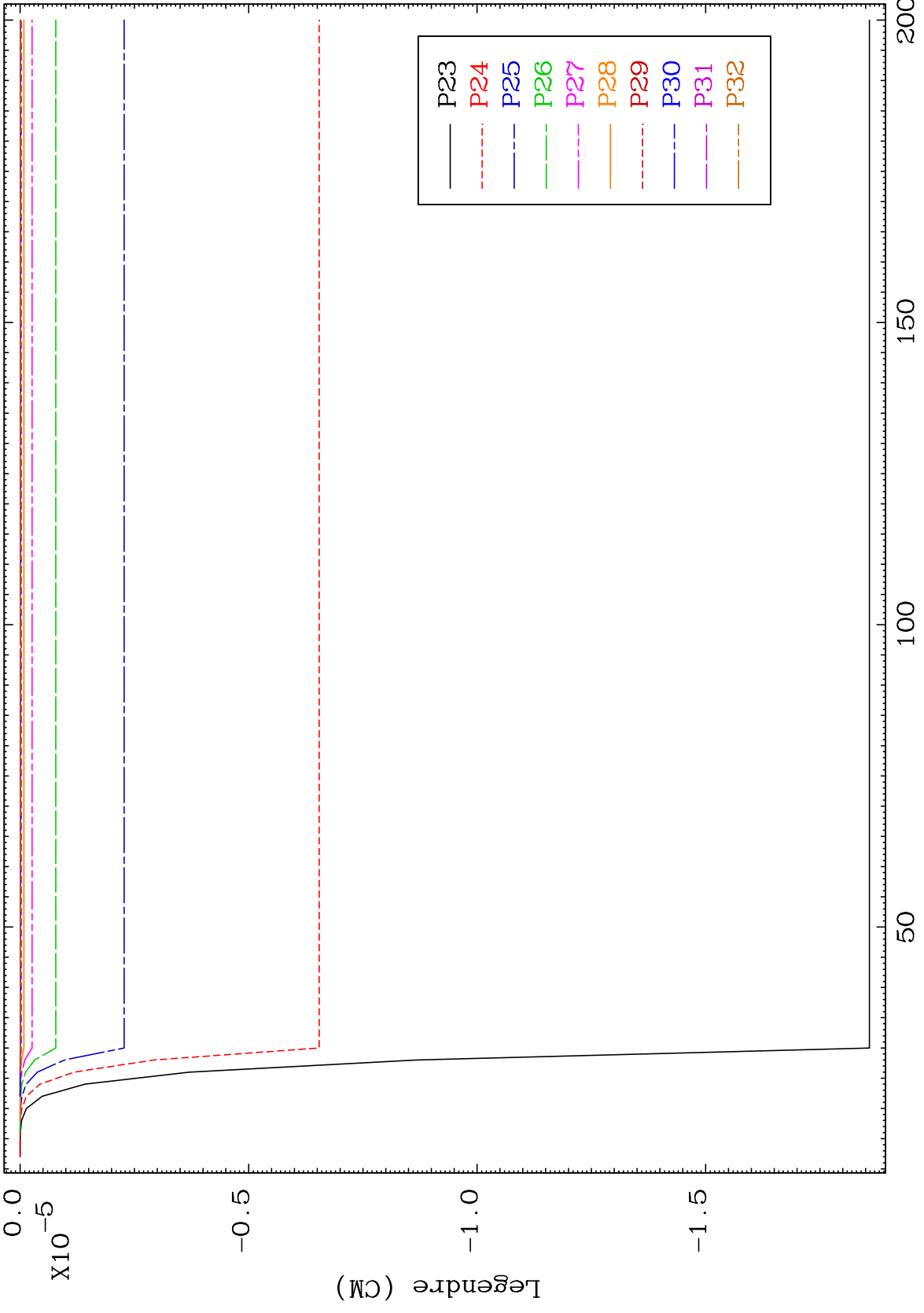


75

Incident Energy (MeV)

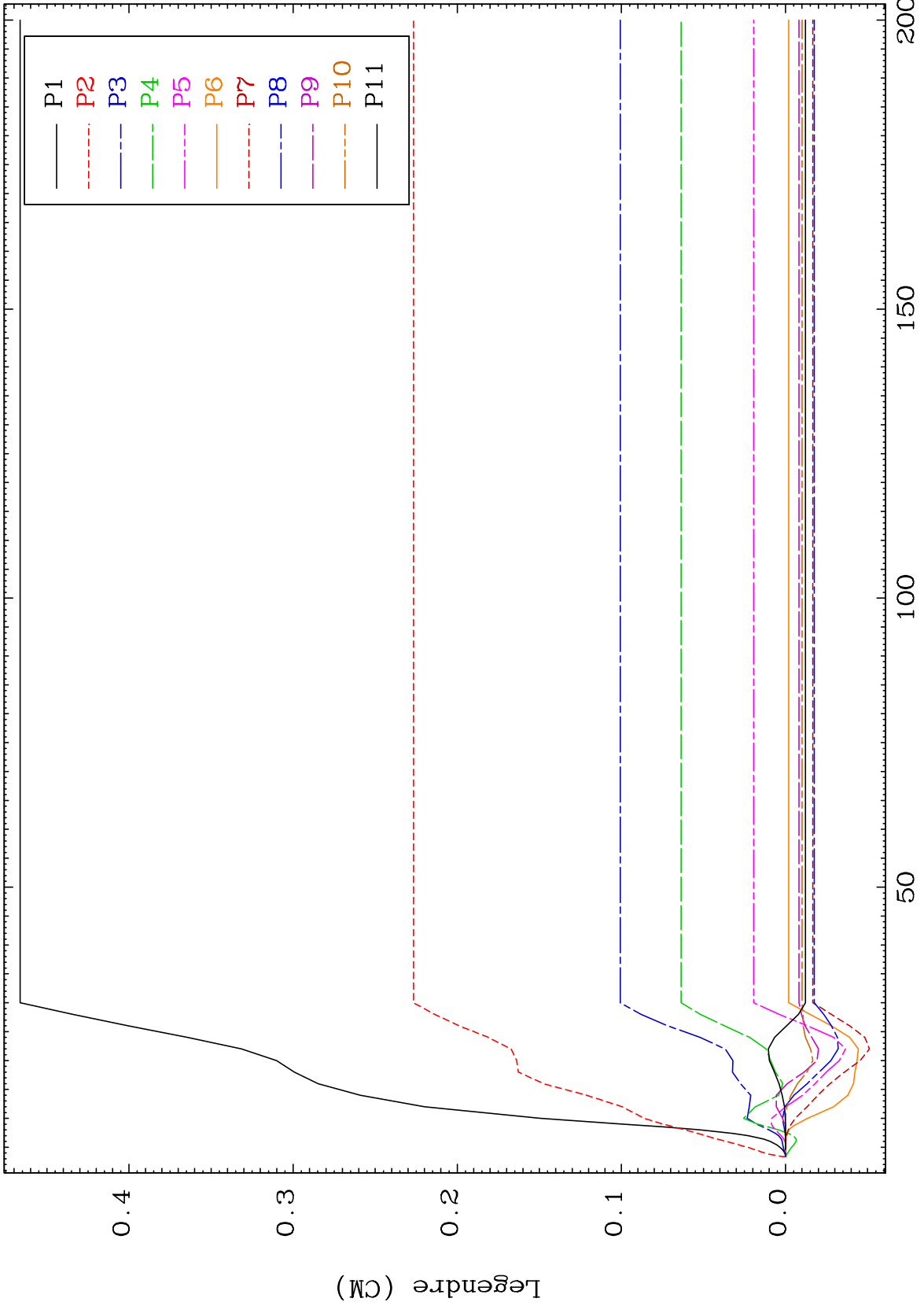
30-Zn-64

MAT 3025 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-64

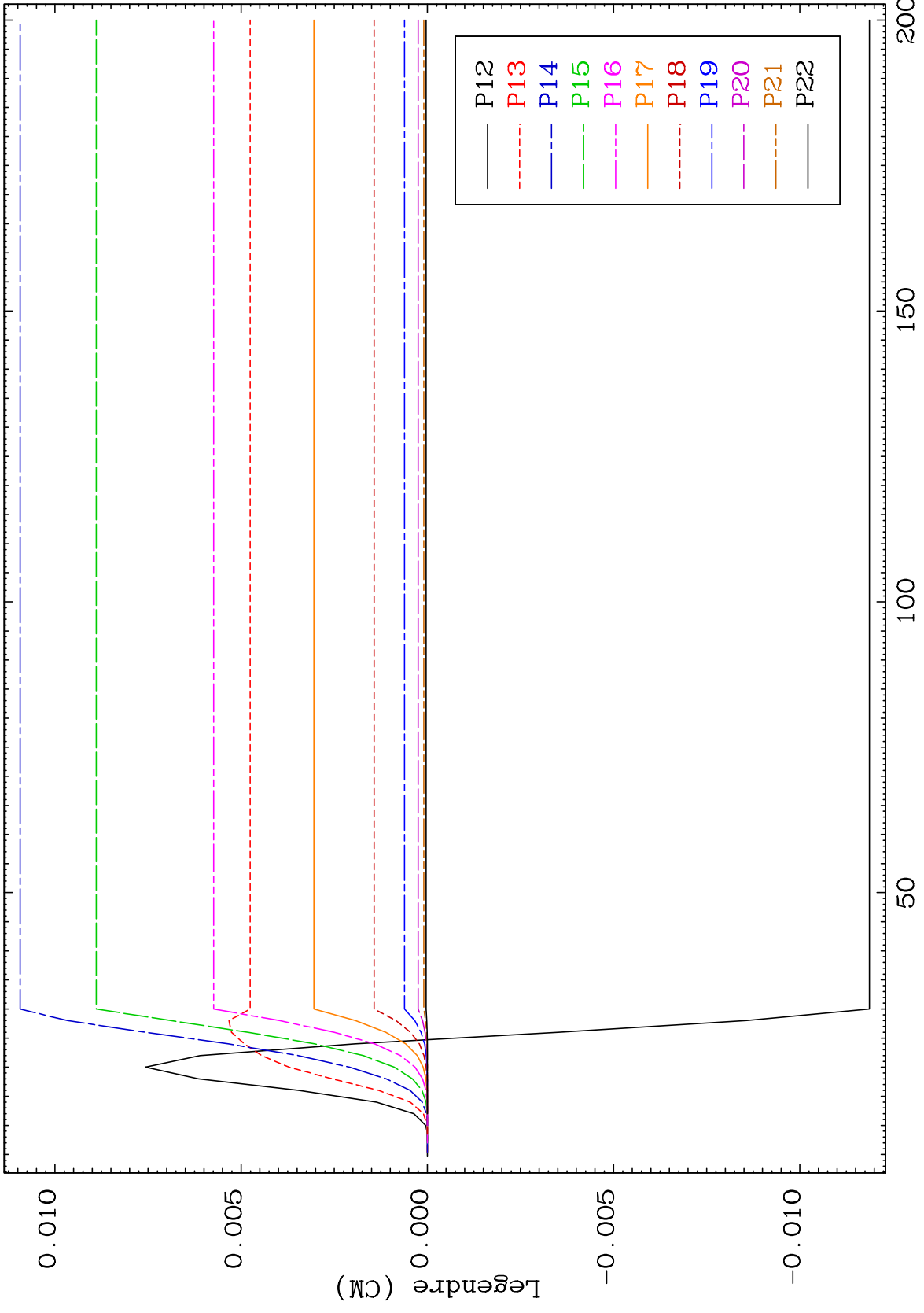


76 Incident Energy (MeV) 30-Zn-64

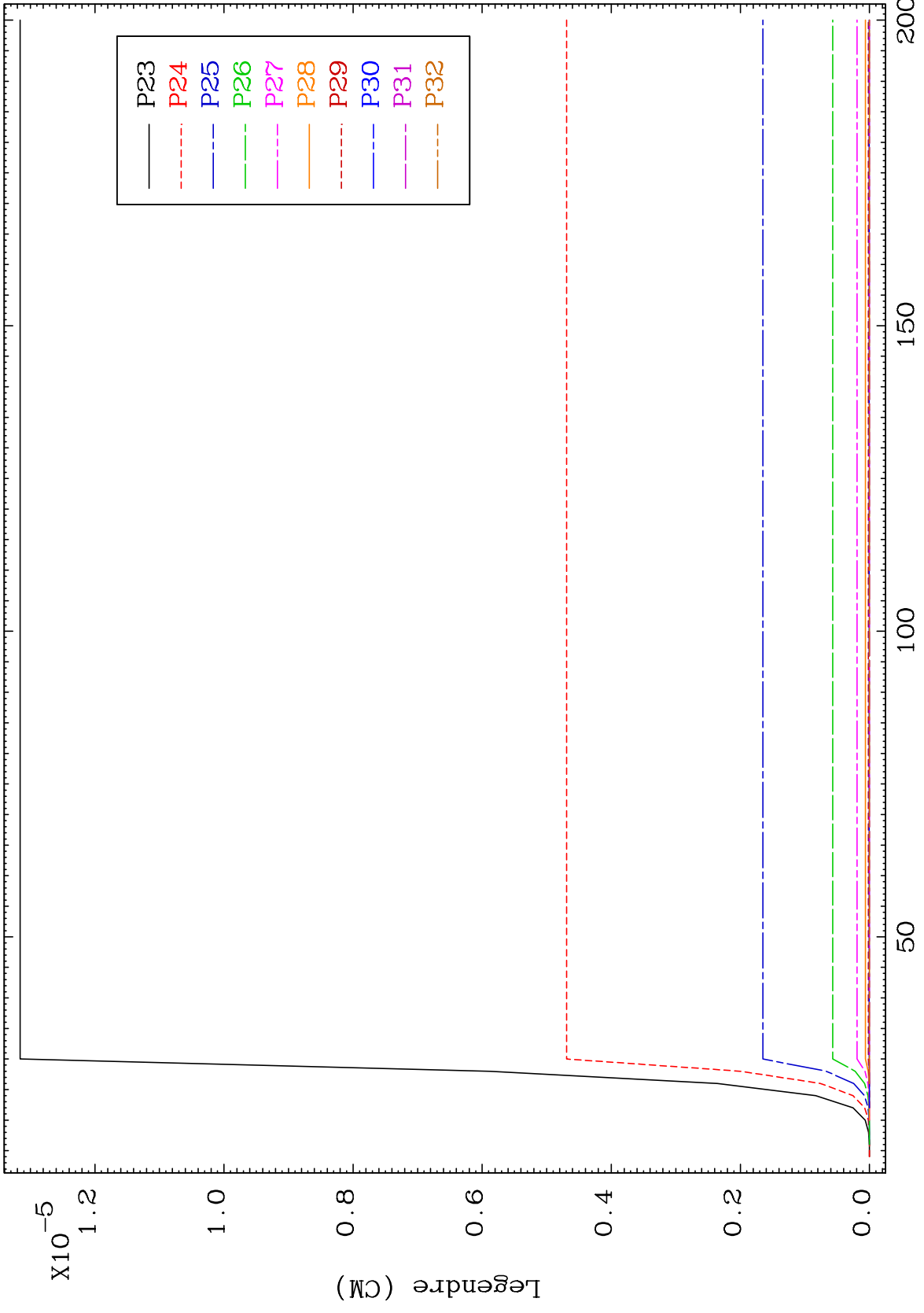
MAT 3025 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-64

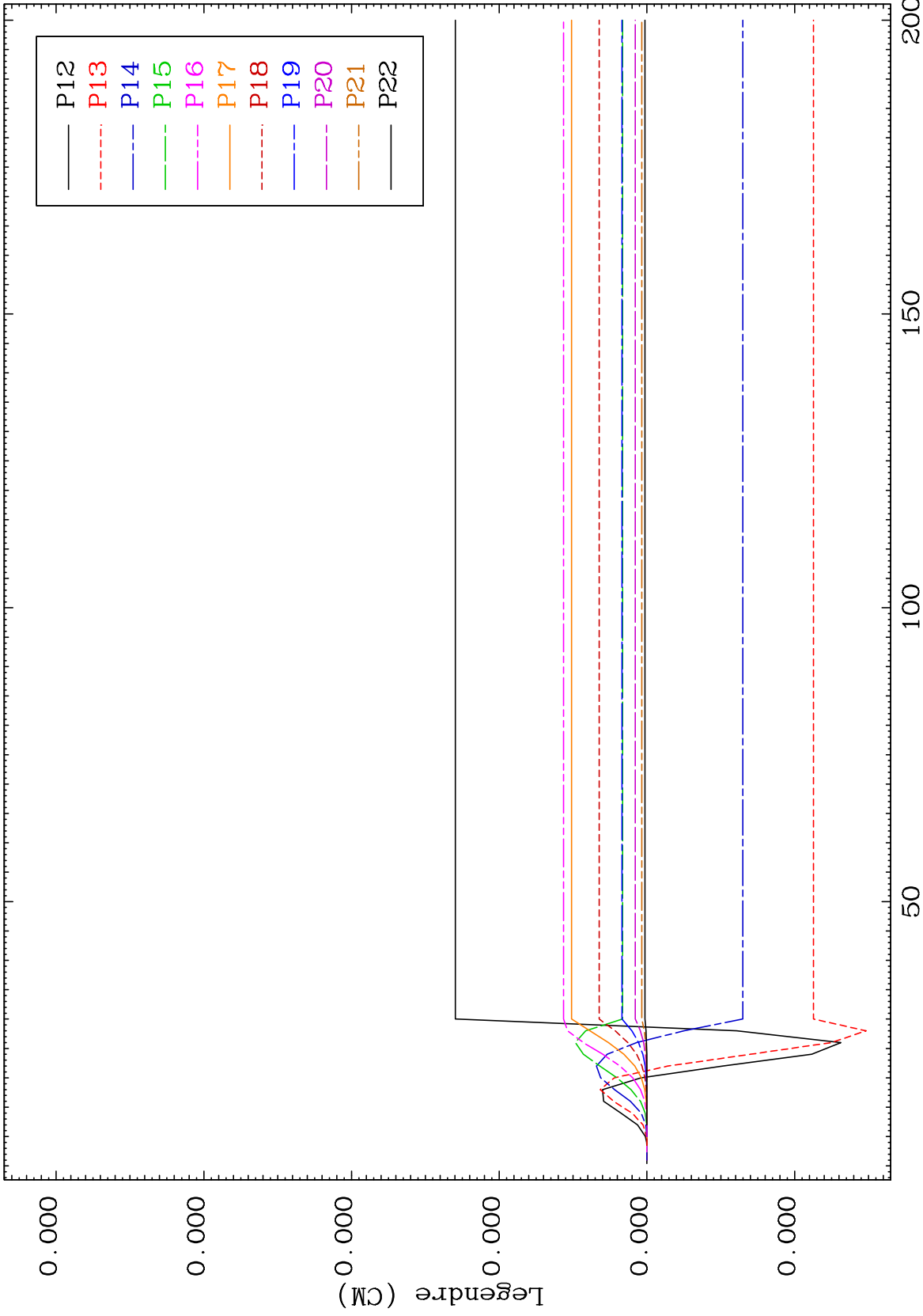


79 30-Zn-64

MAT 3025

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

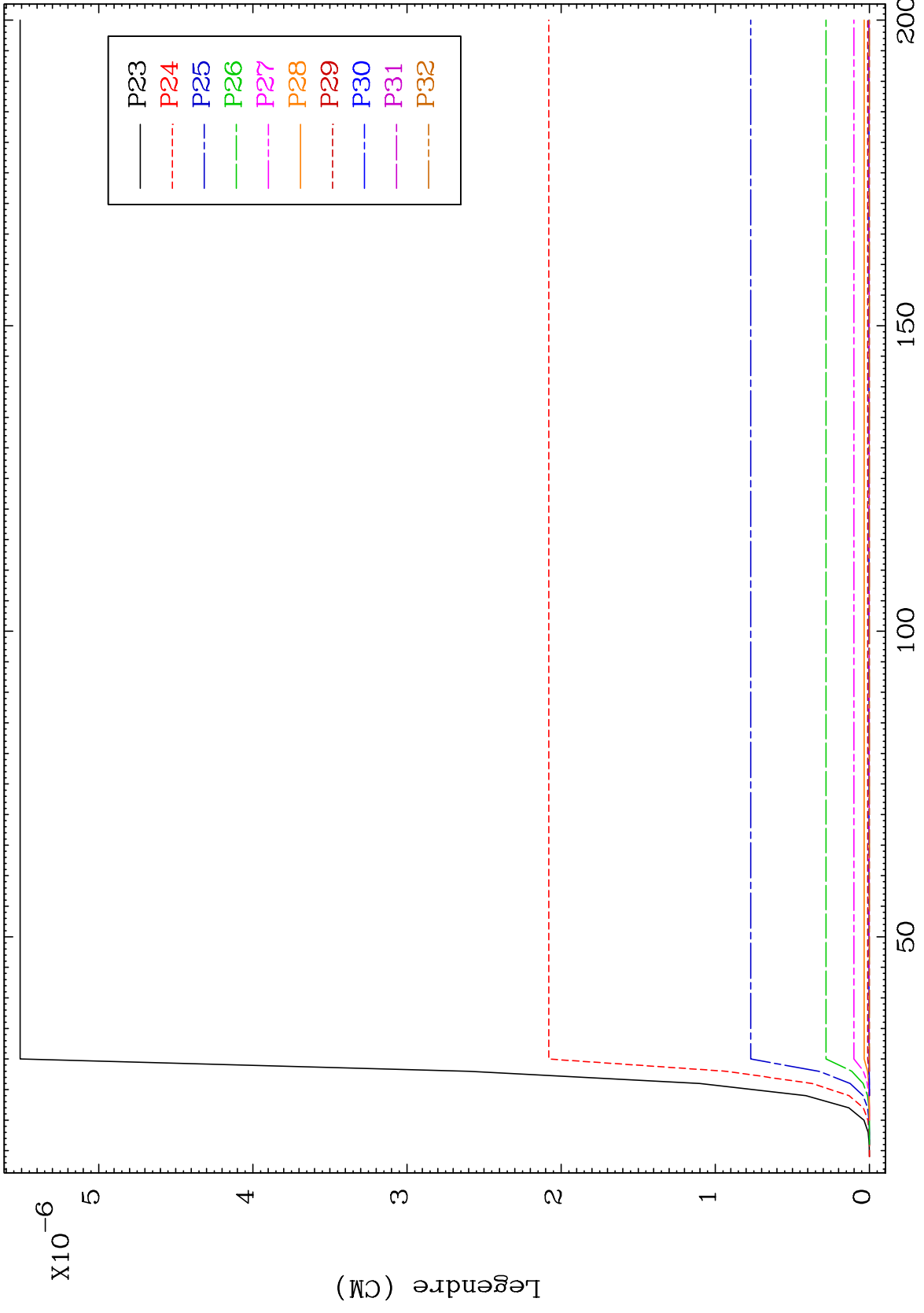
30-Zn-64



81

30-Zn-64

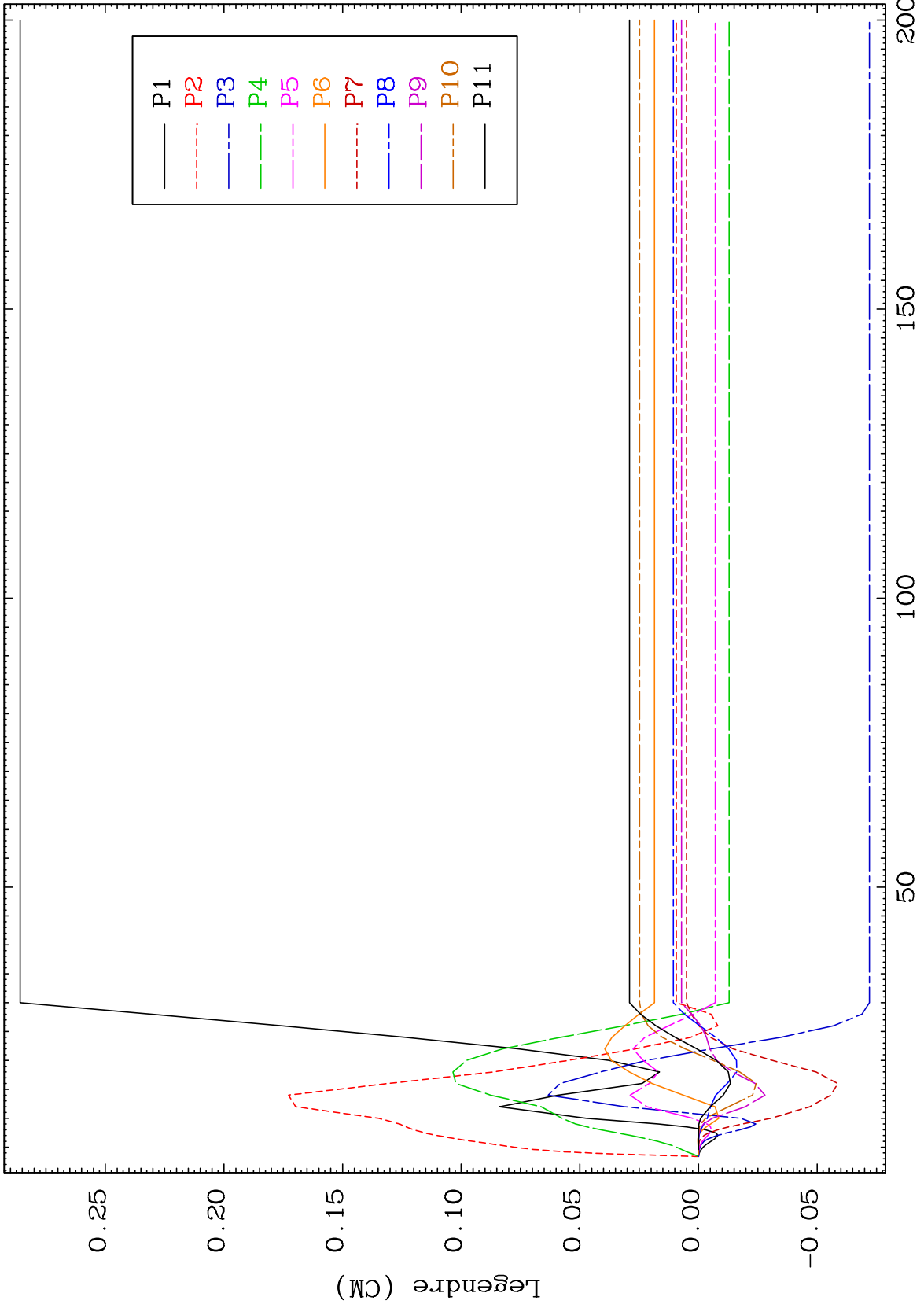
MAT 3025 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64



83

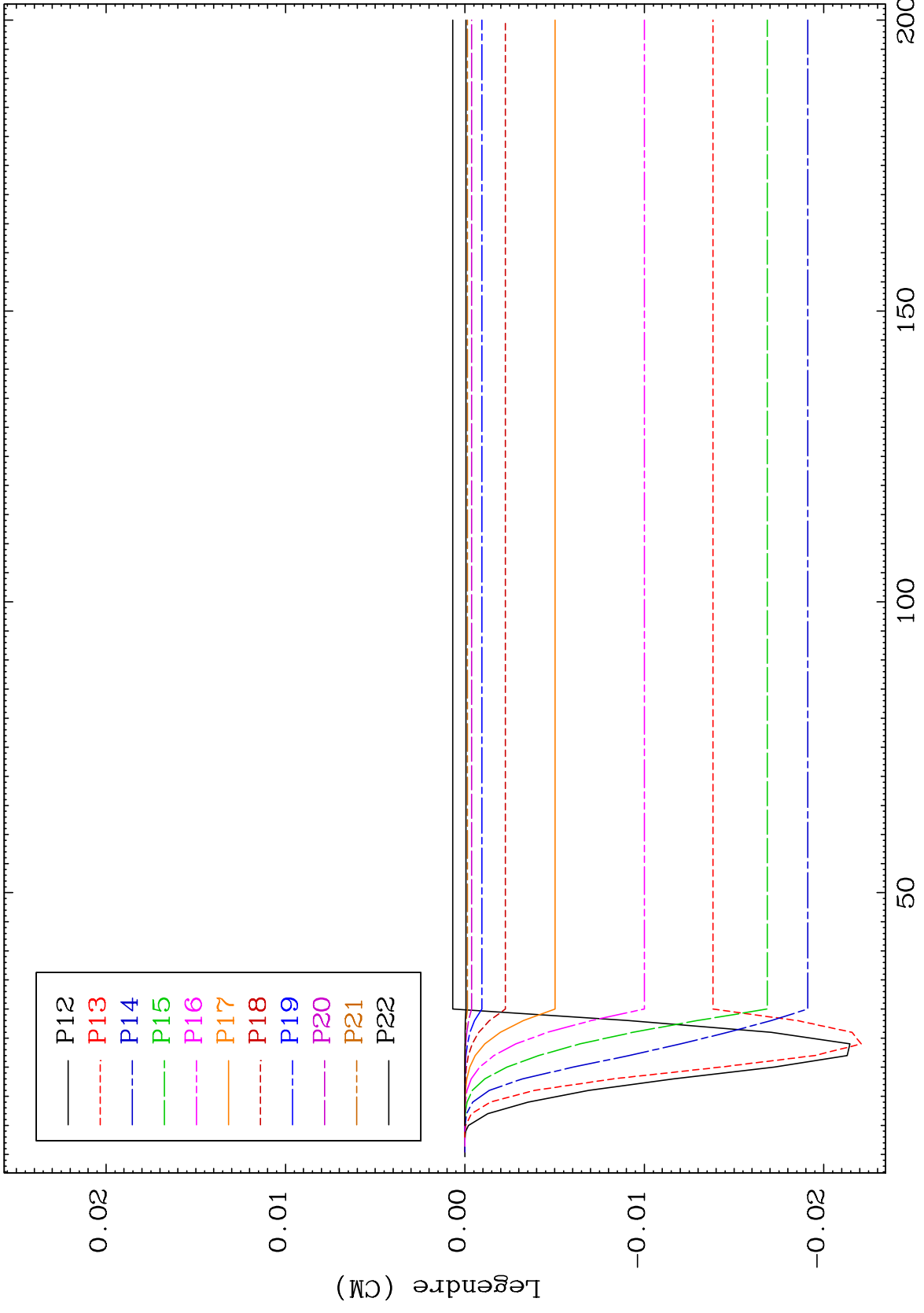
Incident Energy (MeV)

30-Zn-64

MAT 3025

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

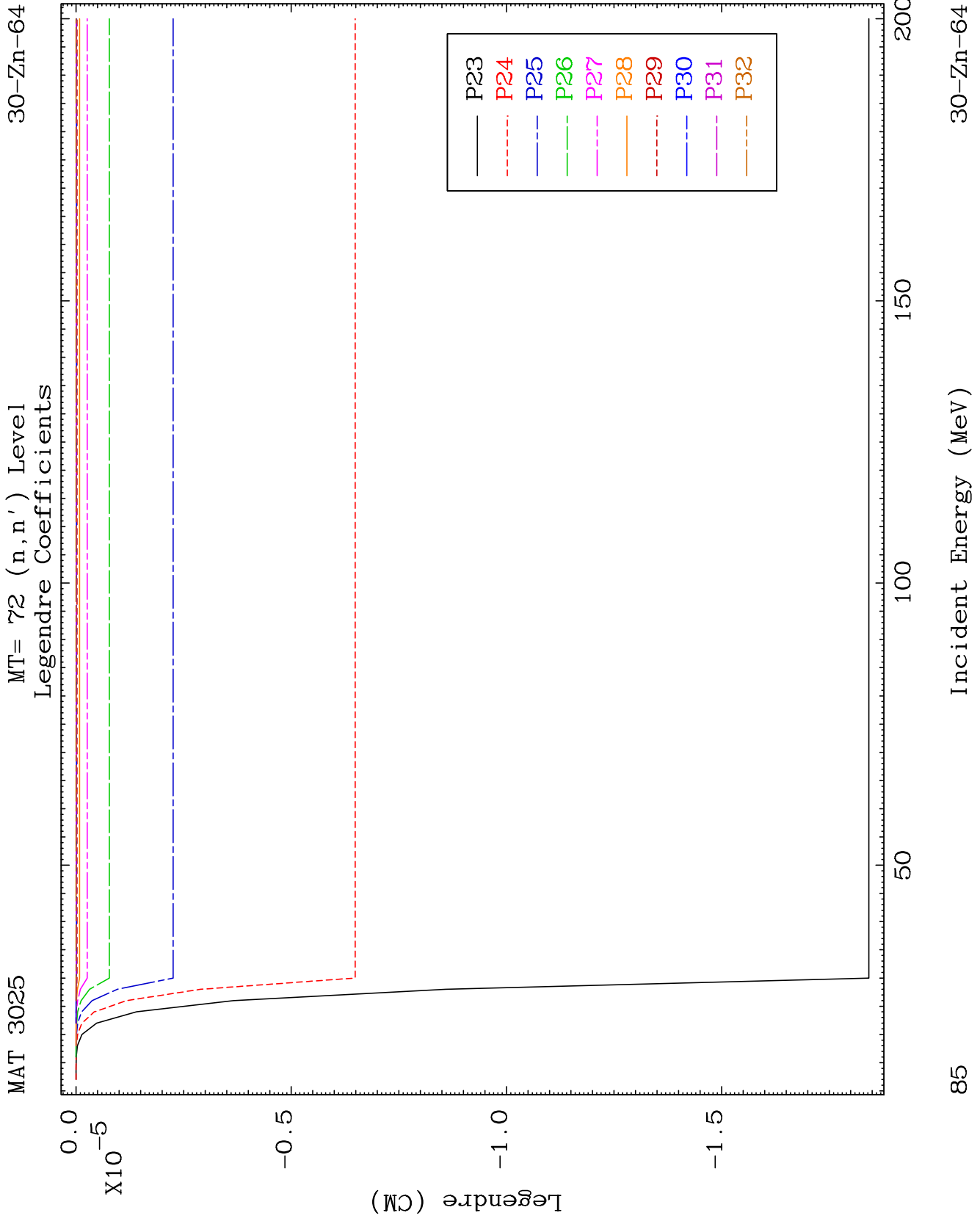
30-Zn-64



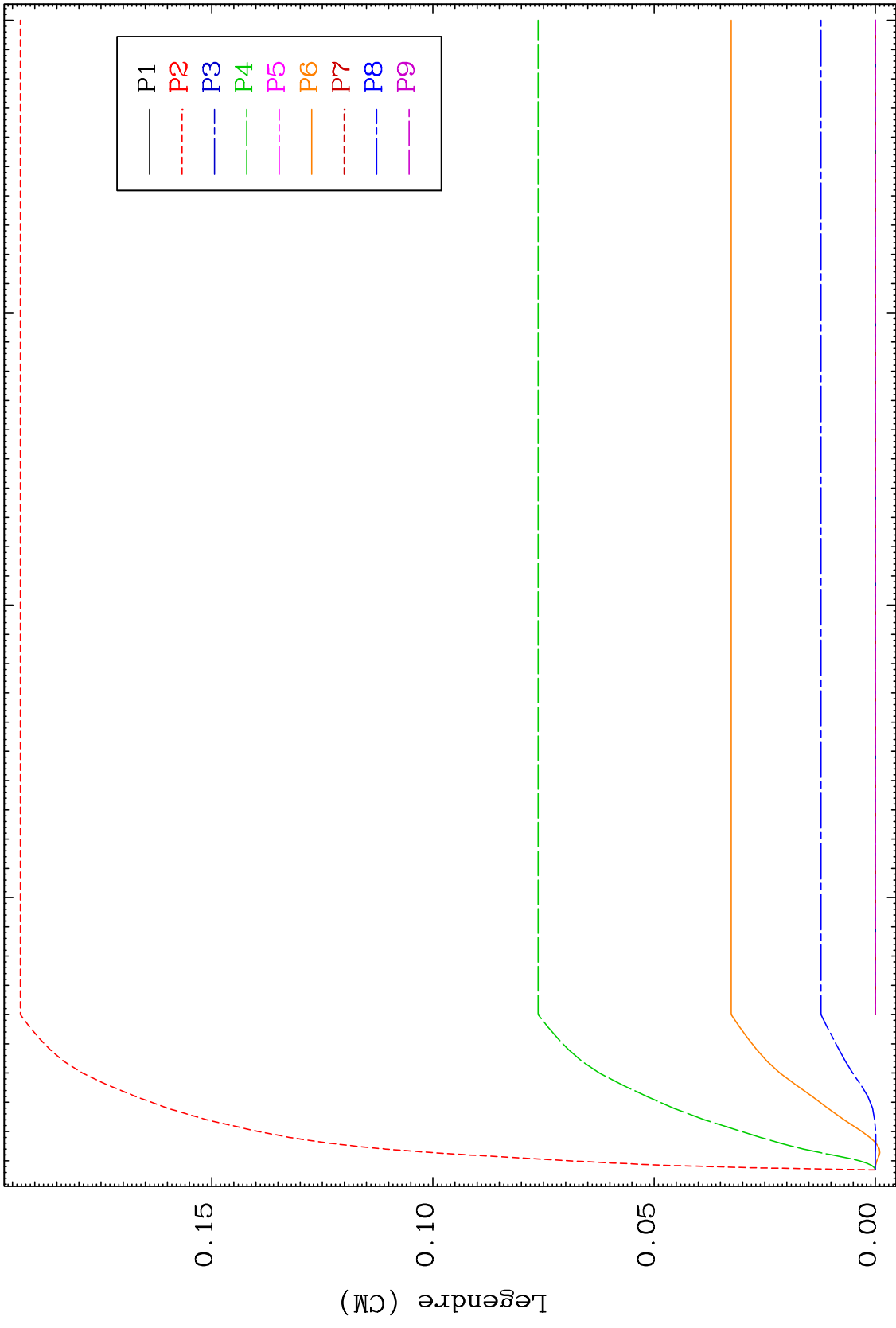
84

Incident Energy (MeV)

30-Zn-64

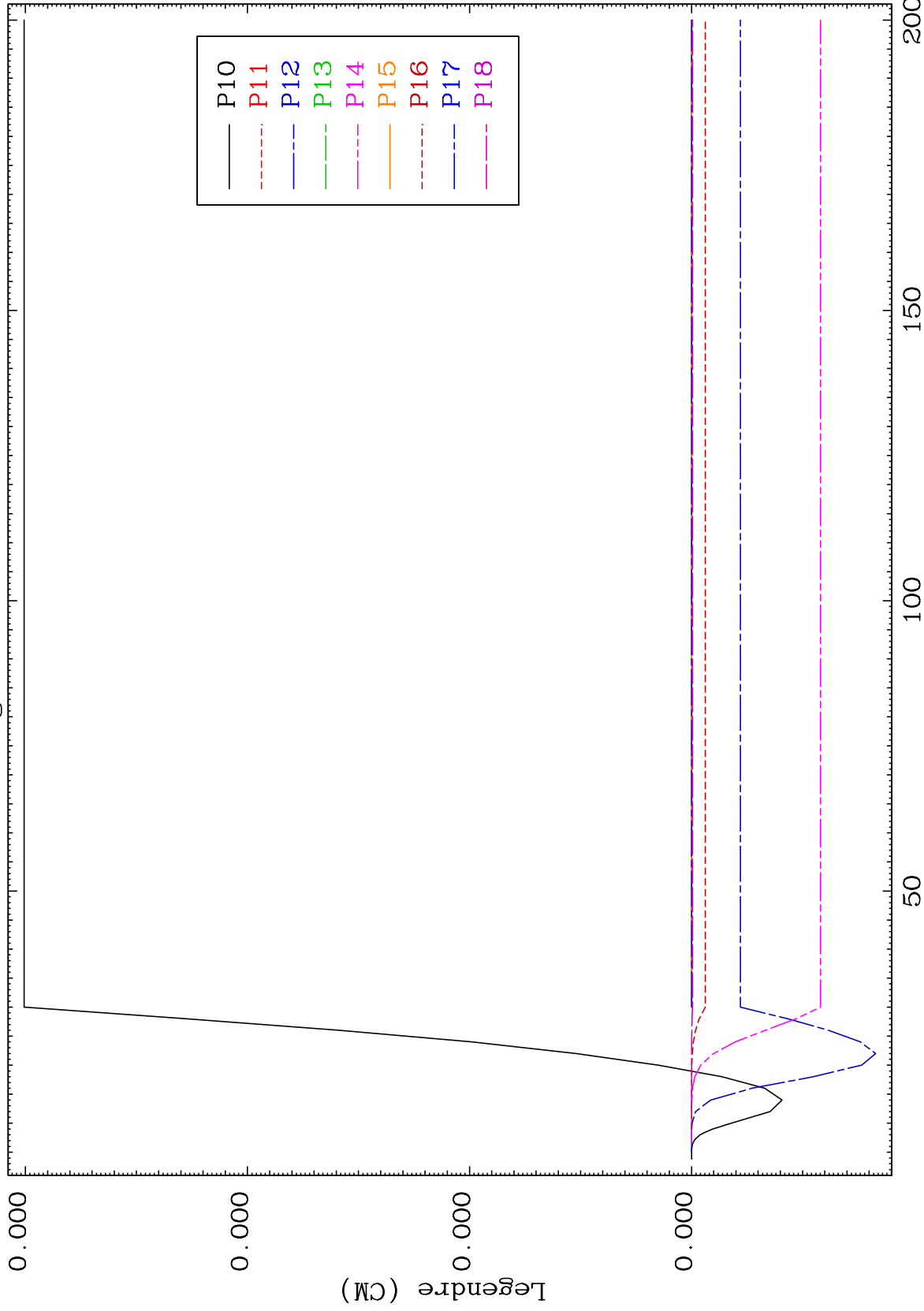


MAT 3025 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-64

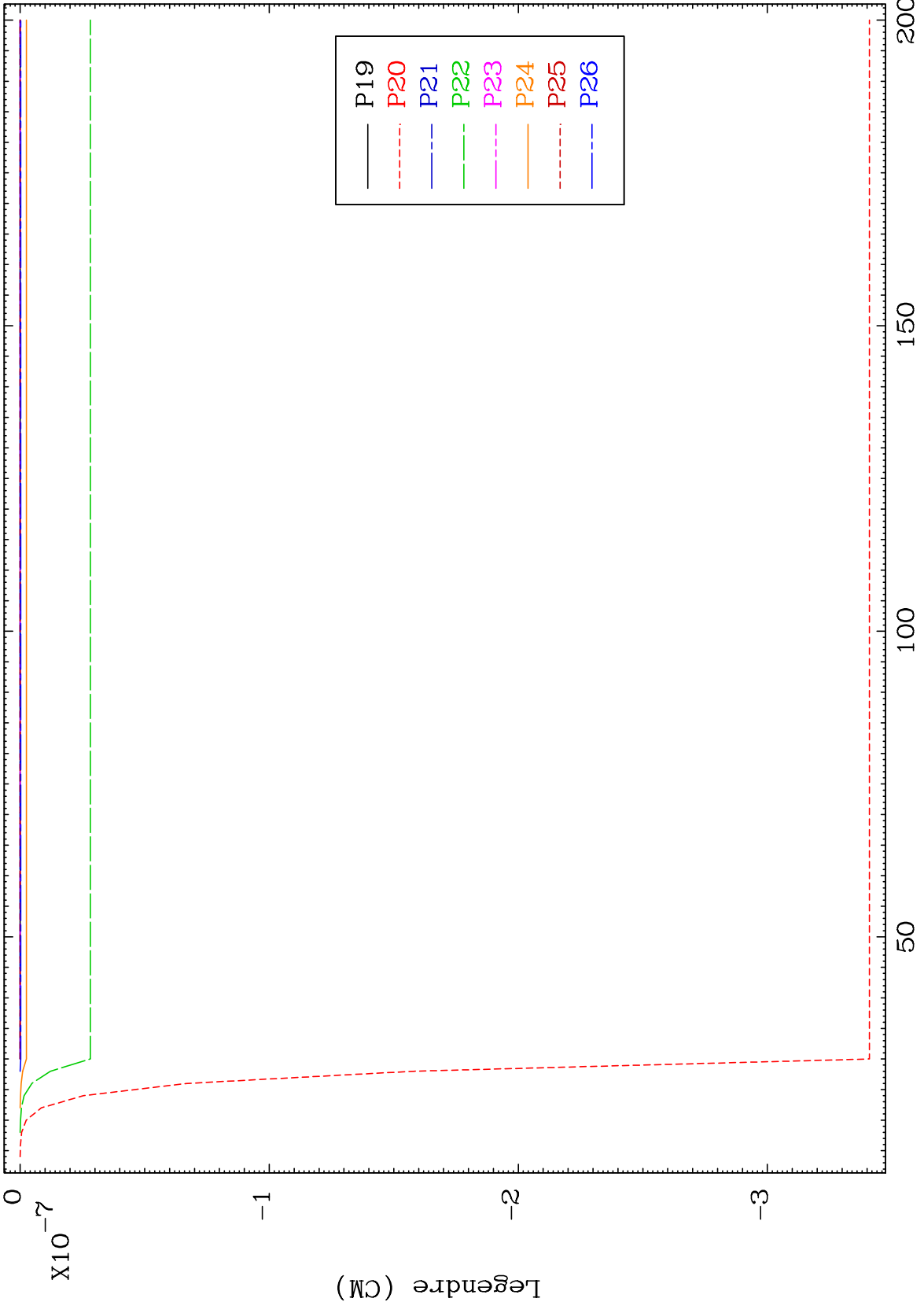


86 30-Zn-64

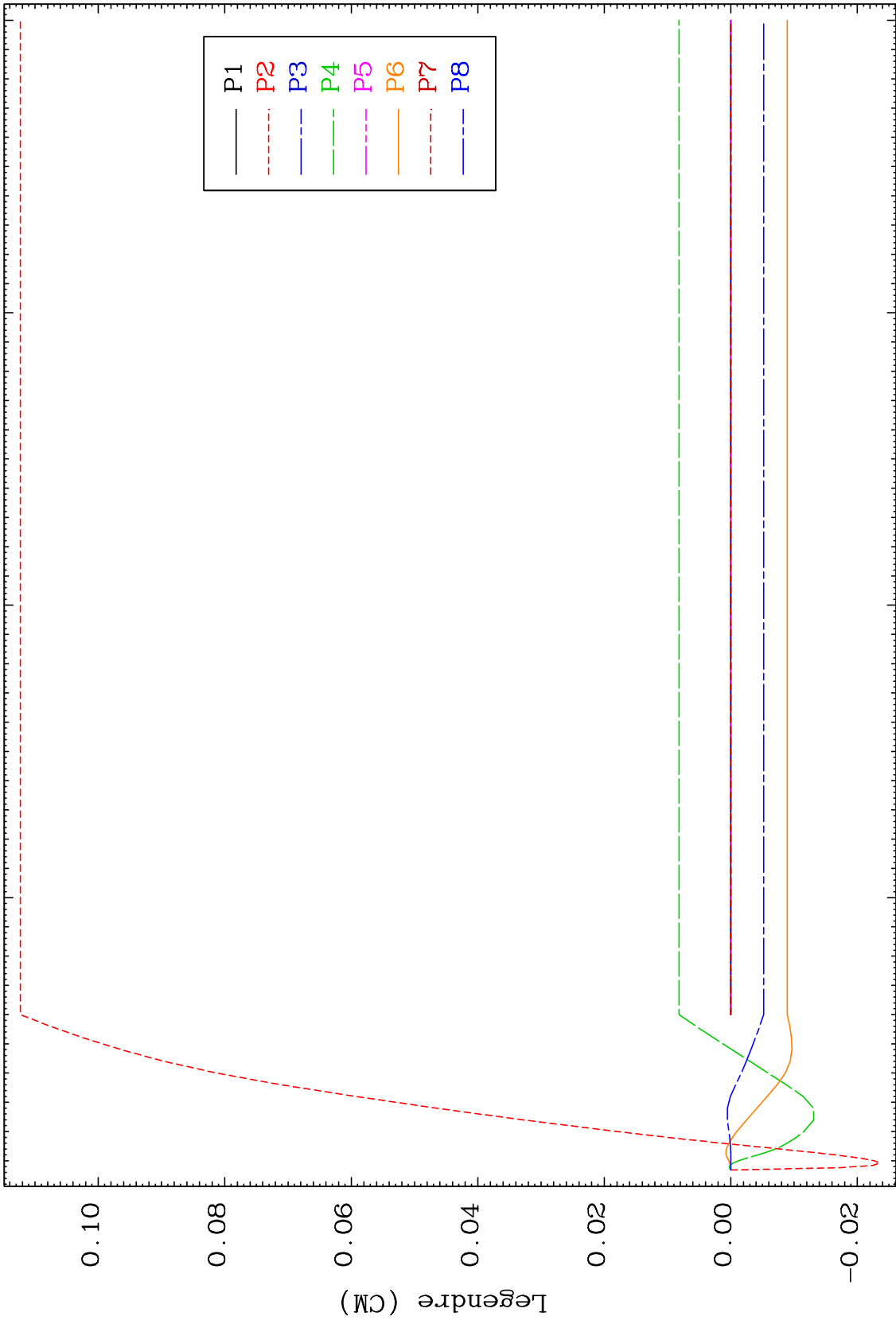
MAT 3025 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-64

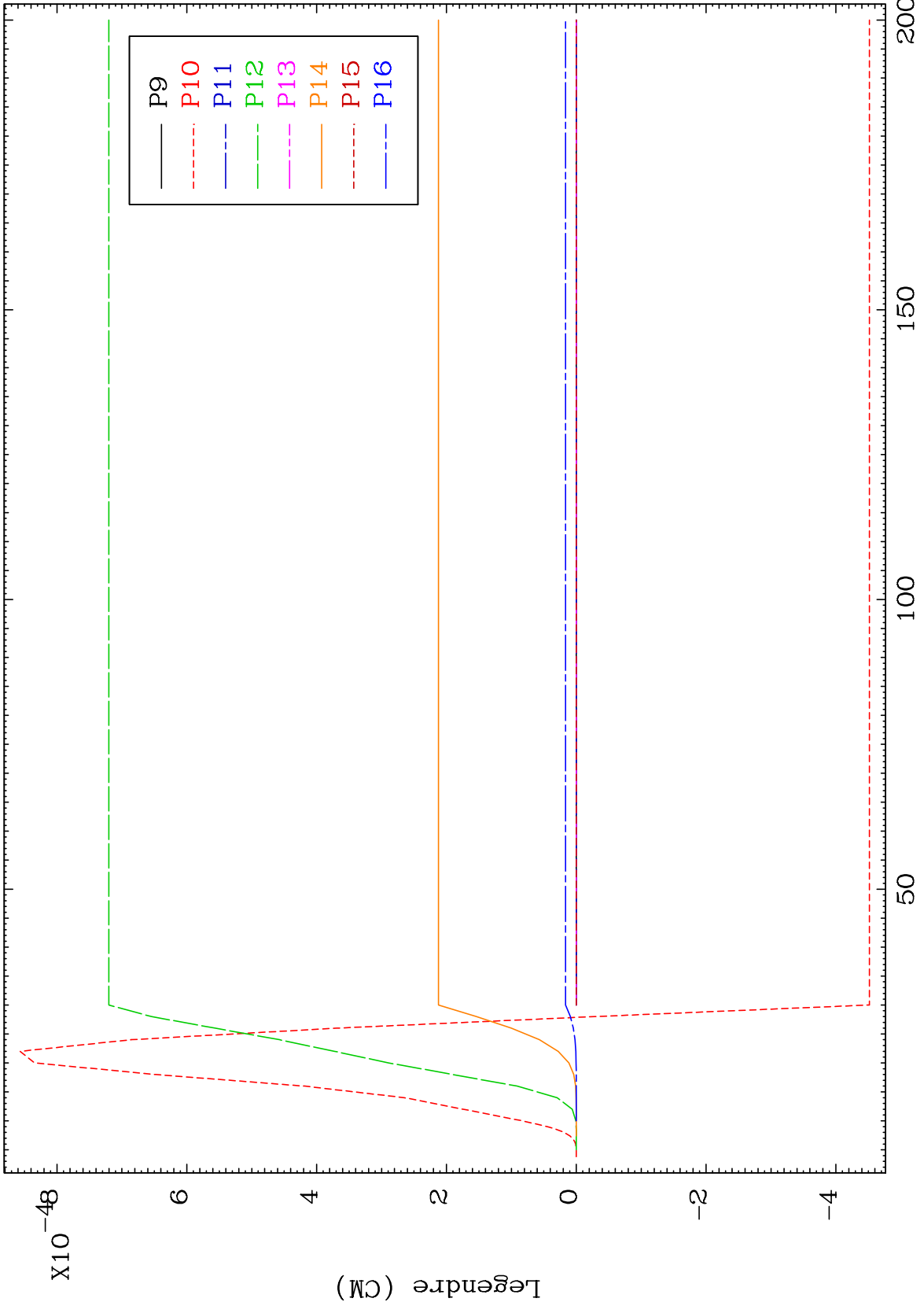


MAT 3025 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-64



89 30-Zn-64

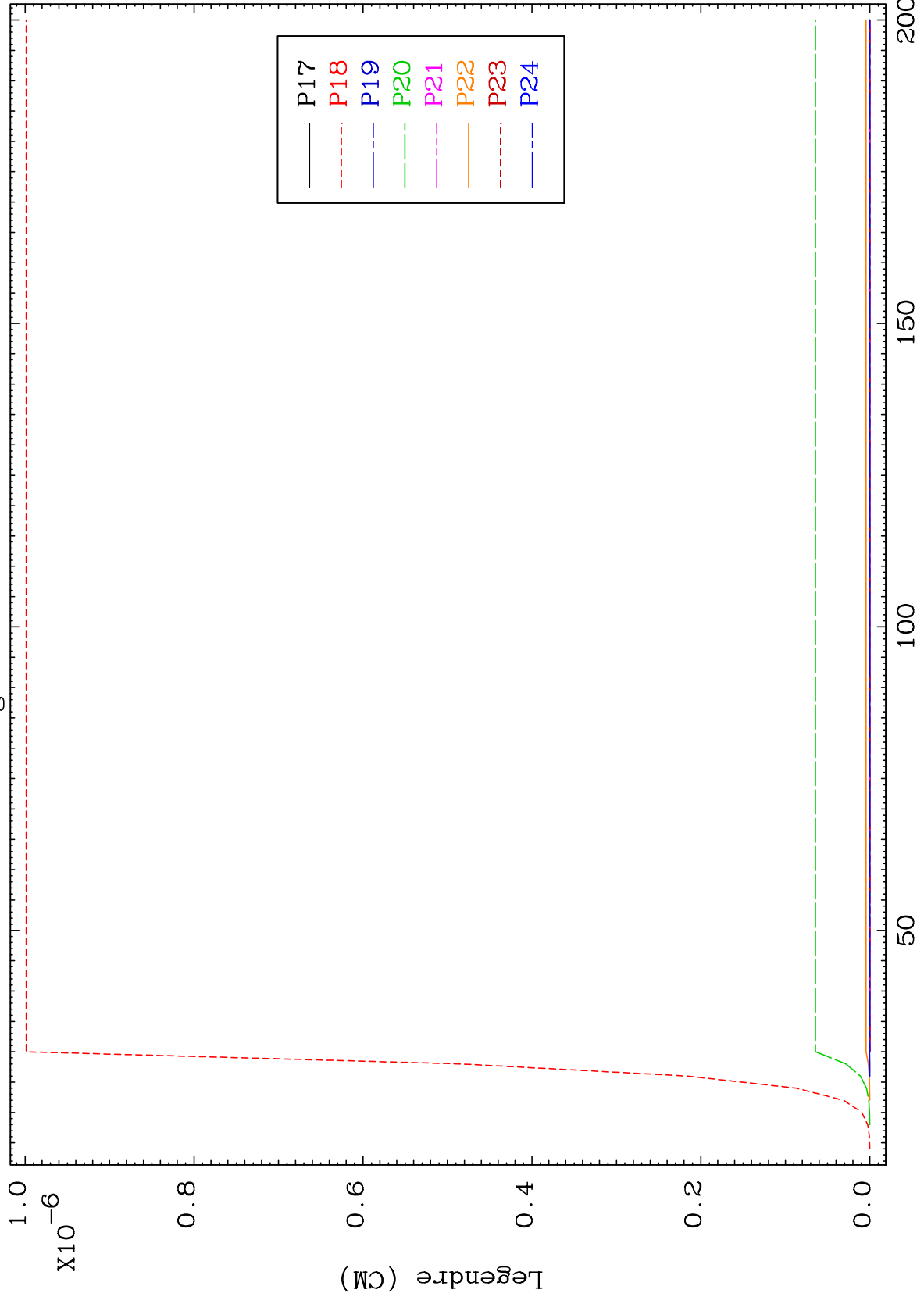
MAT 3025 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-64



90 50 100 150 200 30-Zn-64

MAT 3025 MT= 74 (n,n') Level Legendre Coefficients

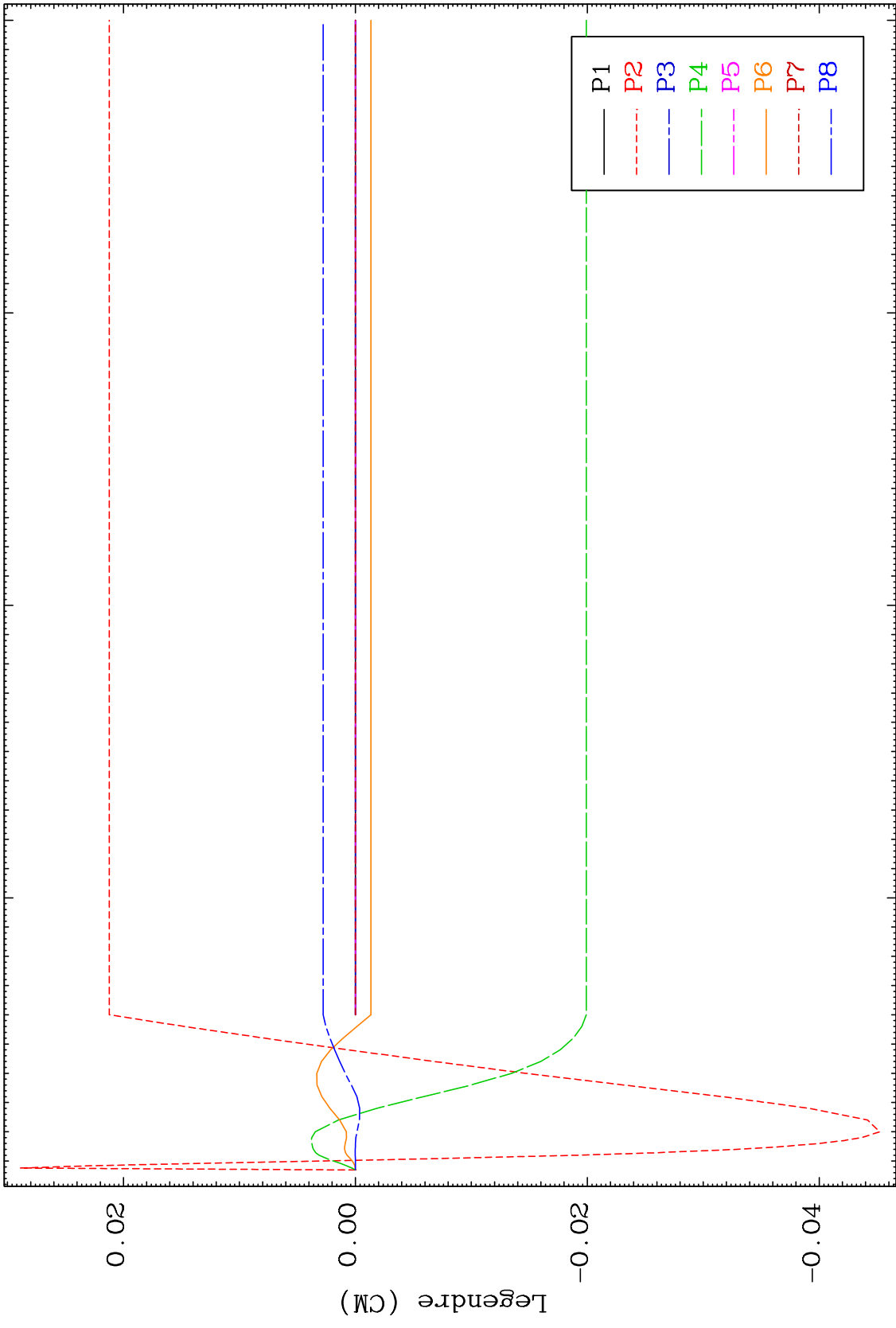
30-Zn-64



30-Zn-64

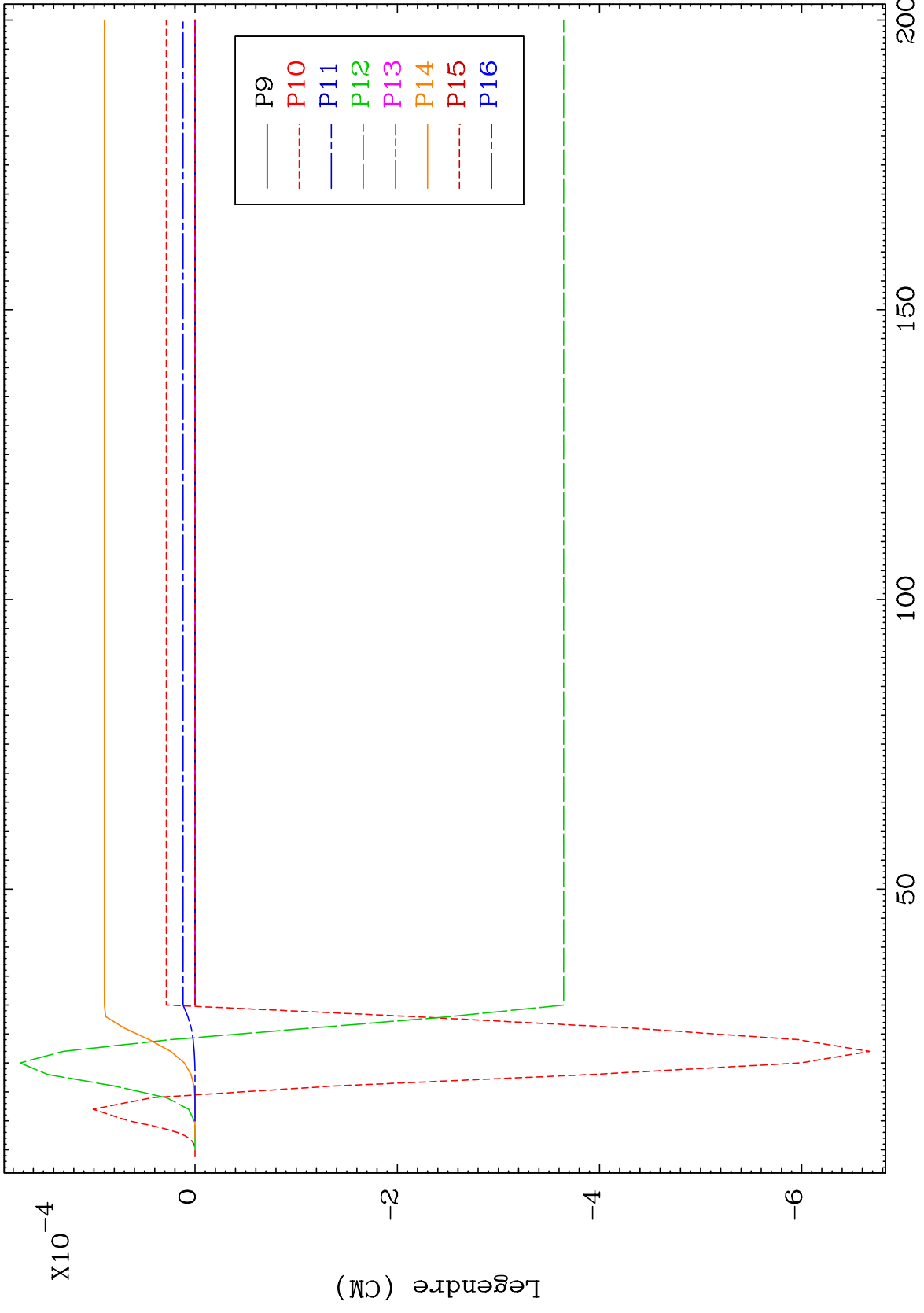
Incident Energy (MeV)

MAT 3025 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-64

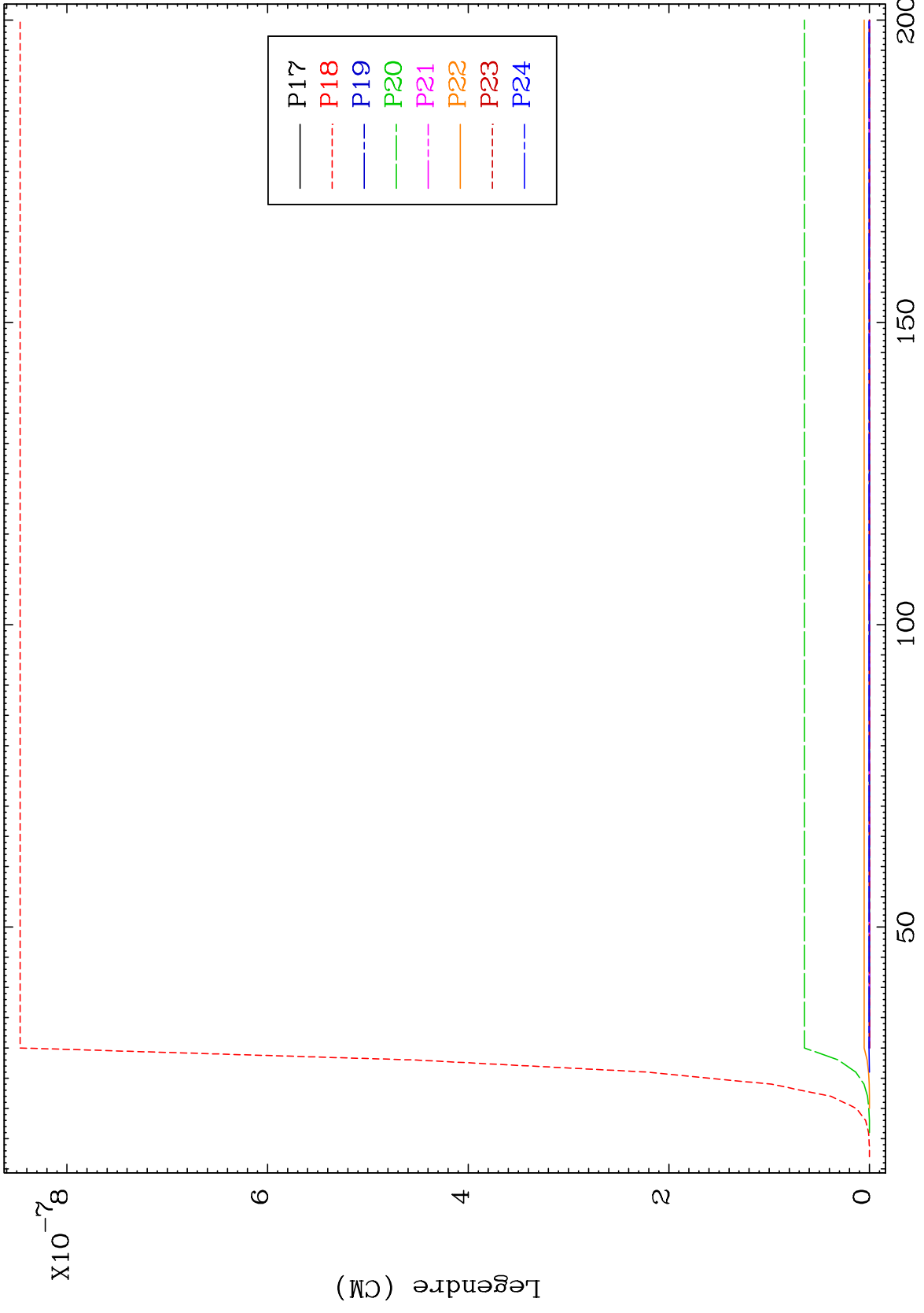


92 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-64

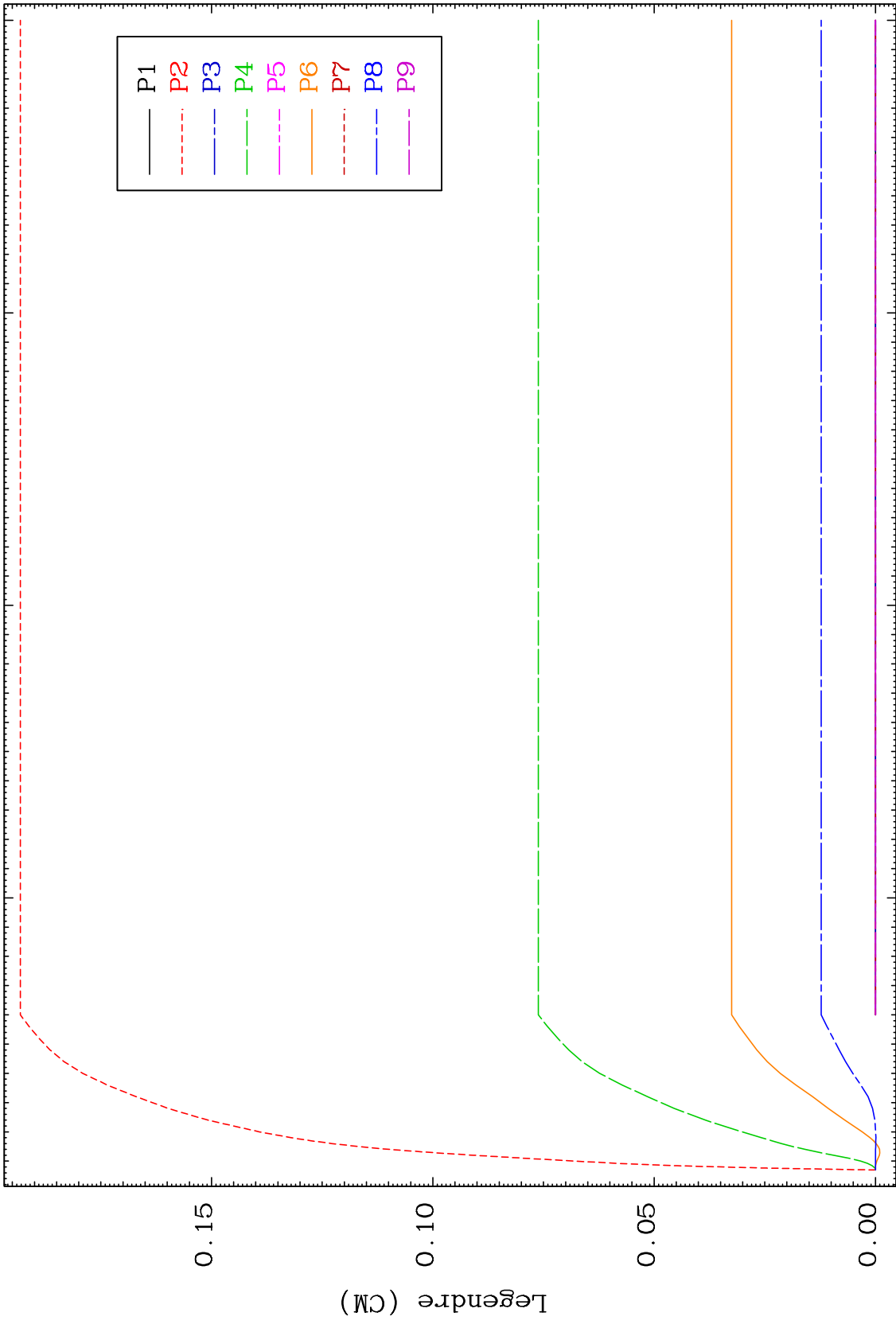


MAT 3025 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-64



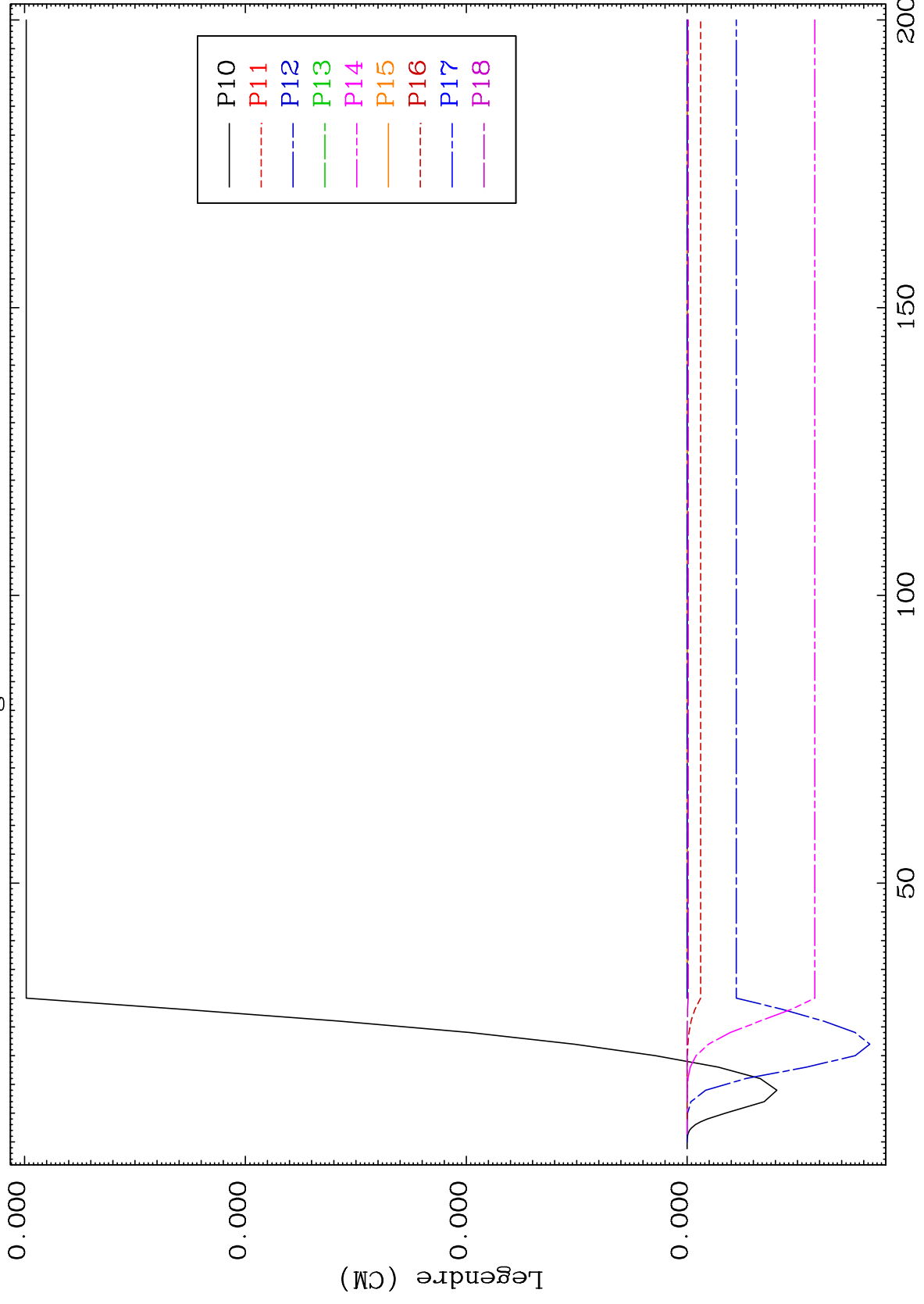
94 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-64

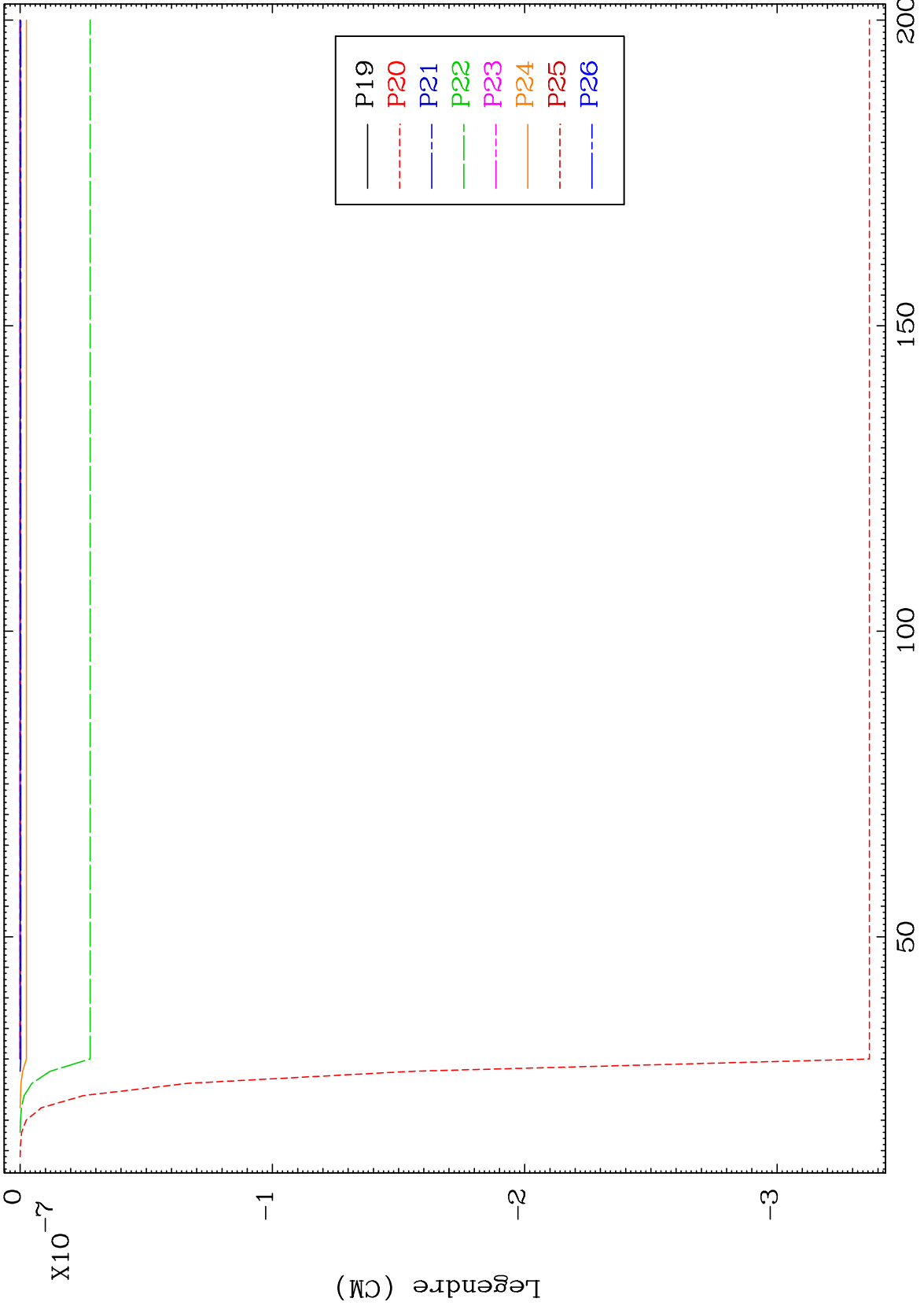


95 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-64



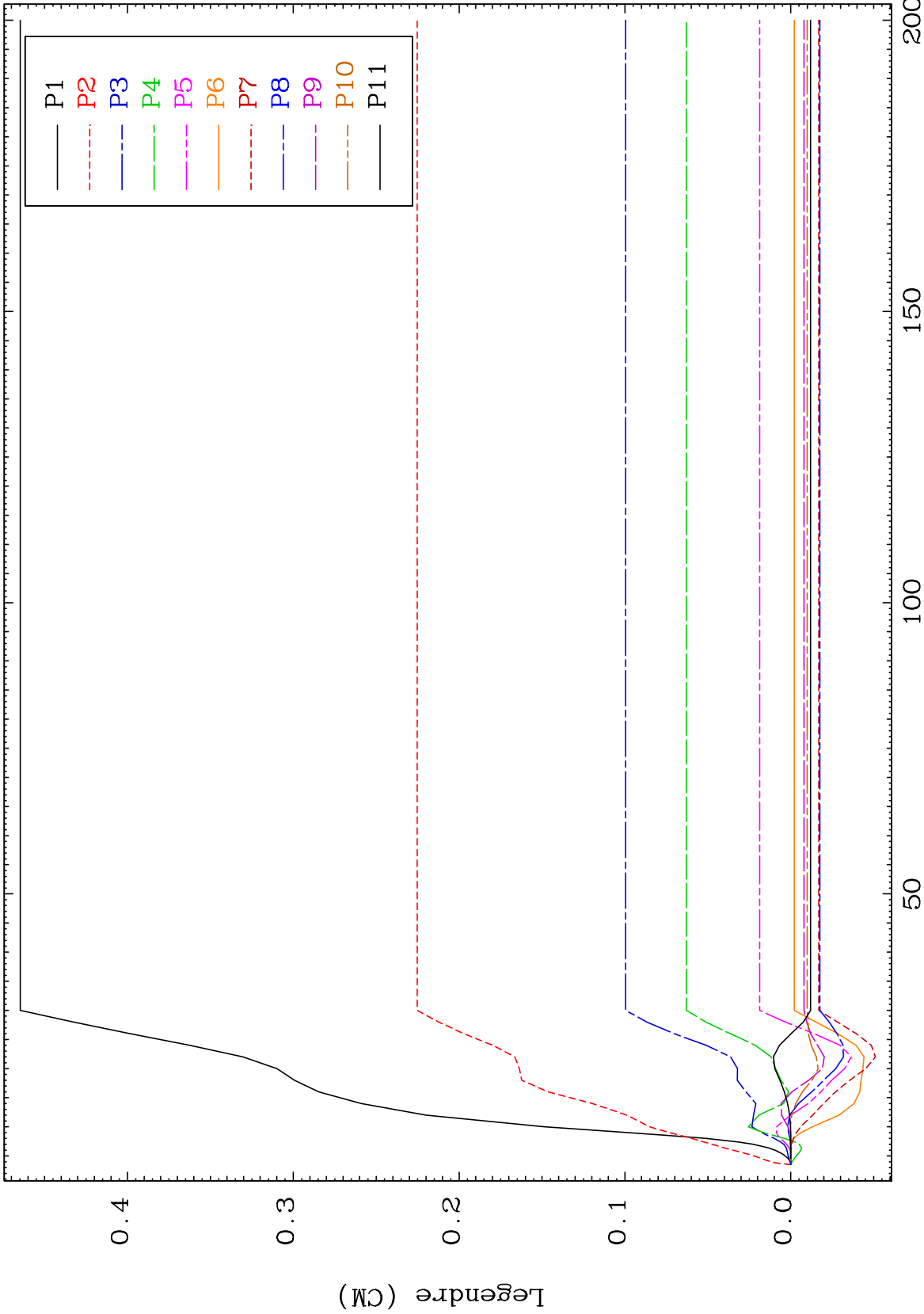
MAT 3025 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

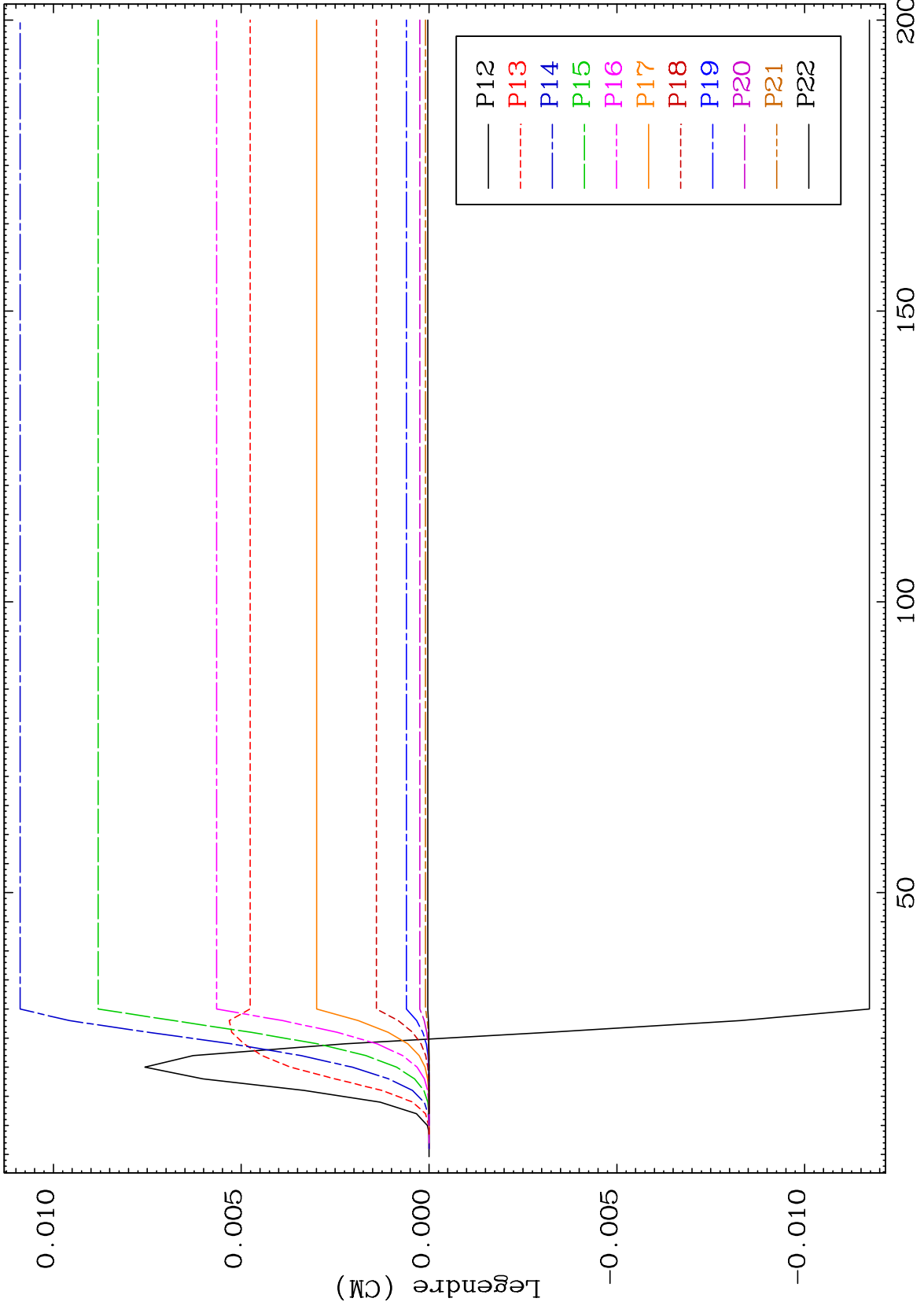


98

Incident Energy (MeV)

30-Zn-64

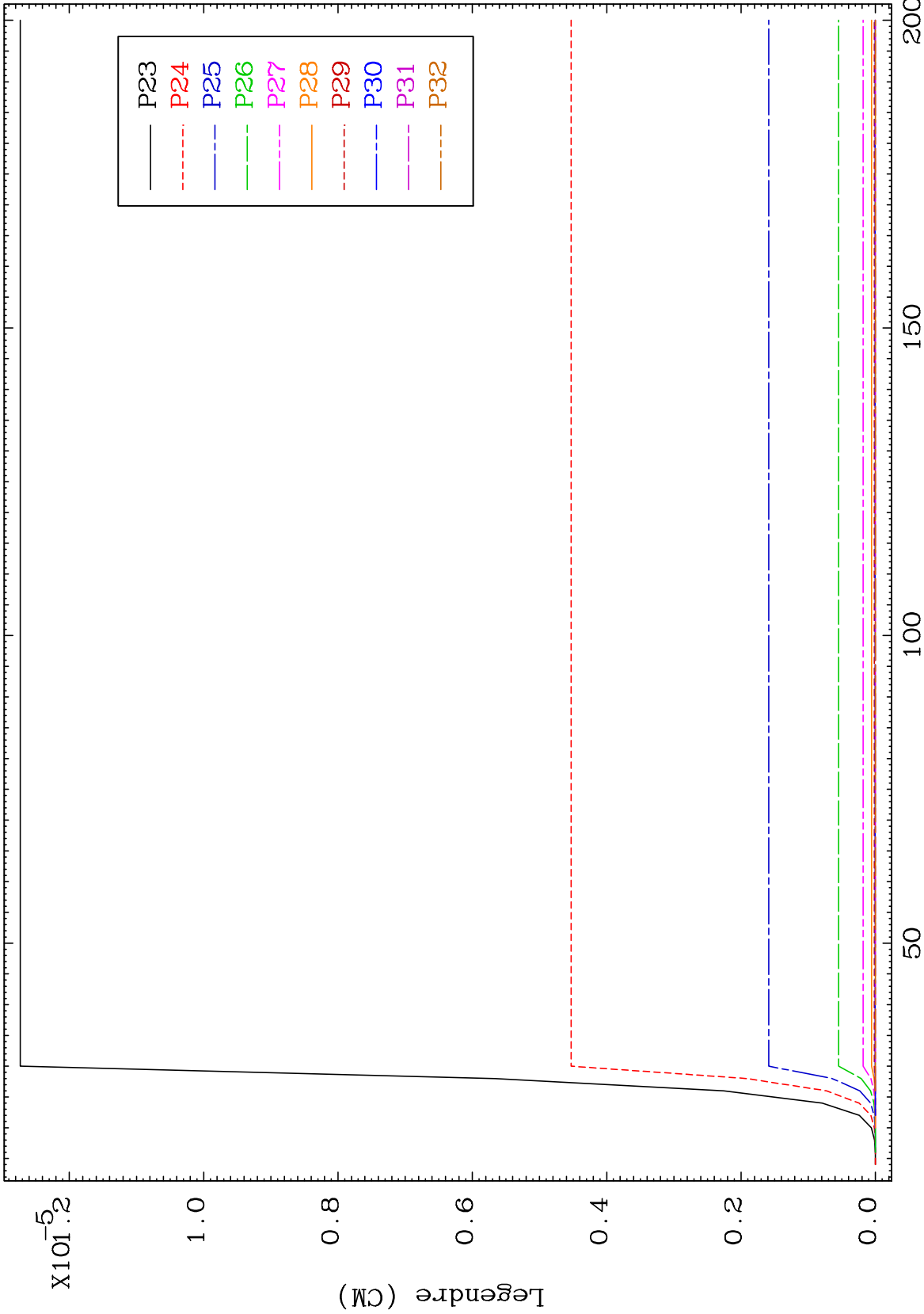
MAT 3025 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025

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

30-Zn-64

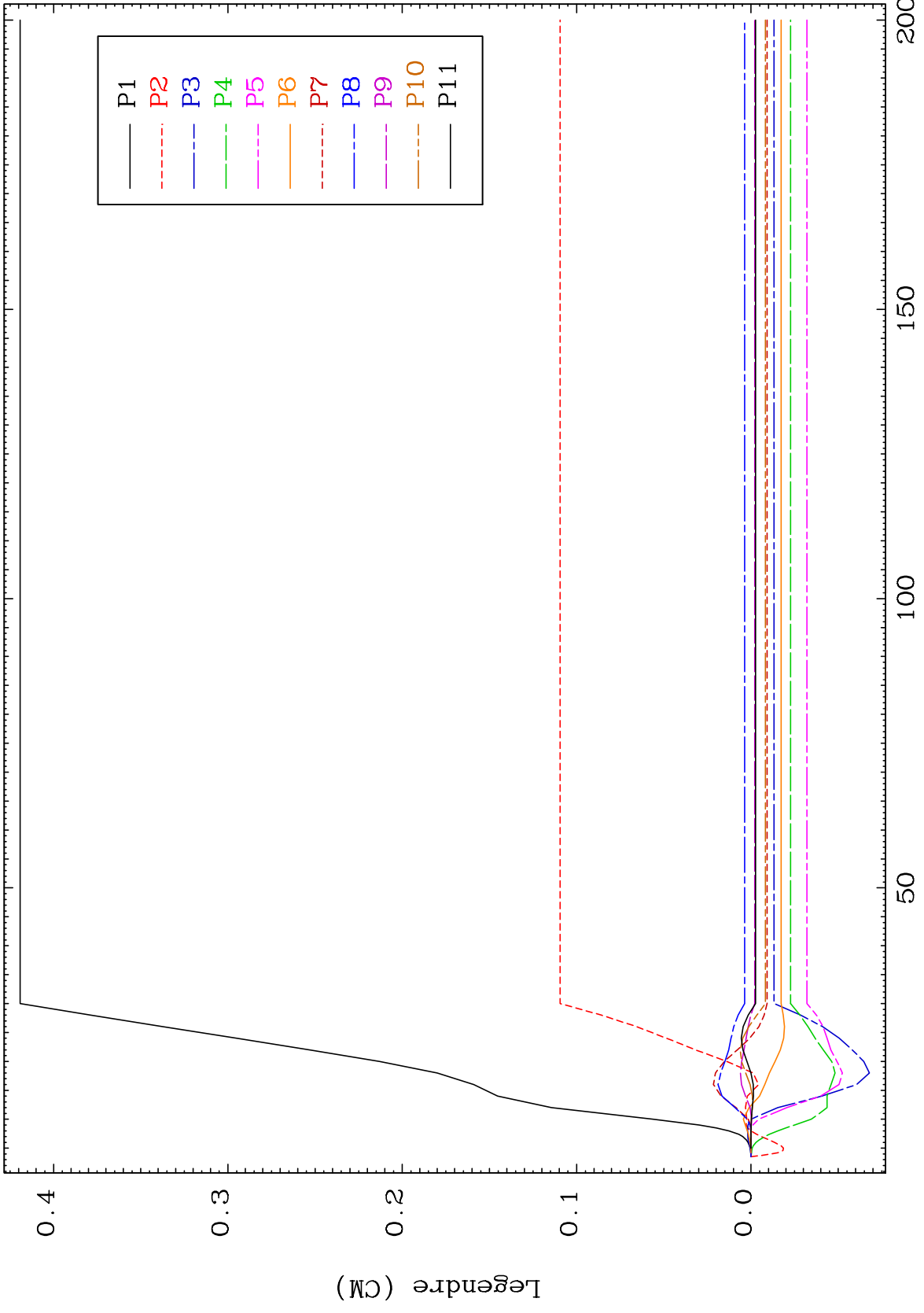


30-Zn-64

Incident Energy (MeV)

Legendre (CM) X101.2

MAT 3025 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-64

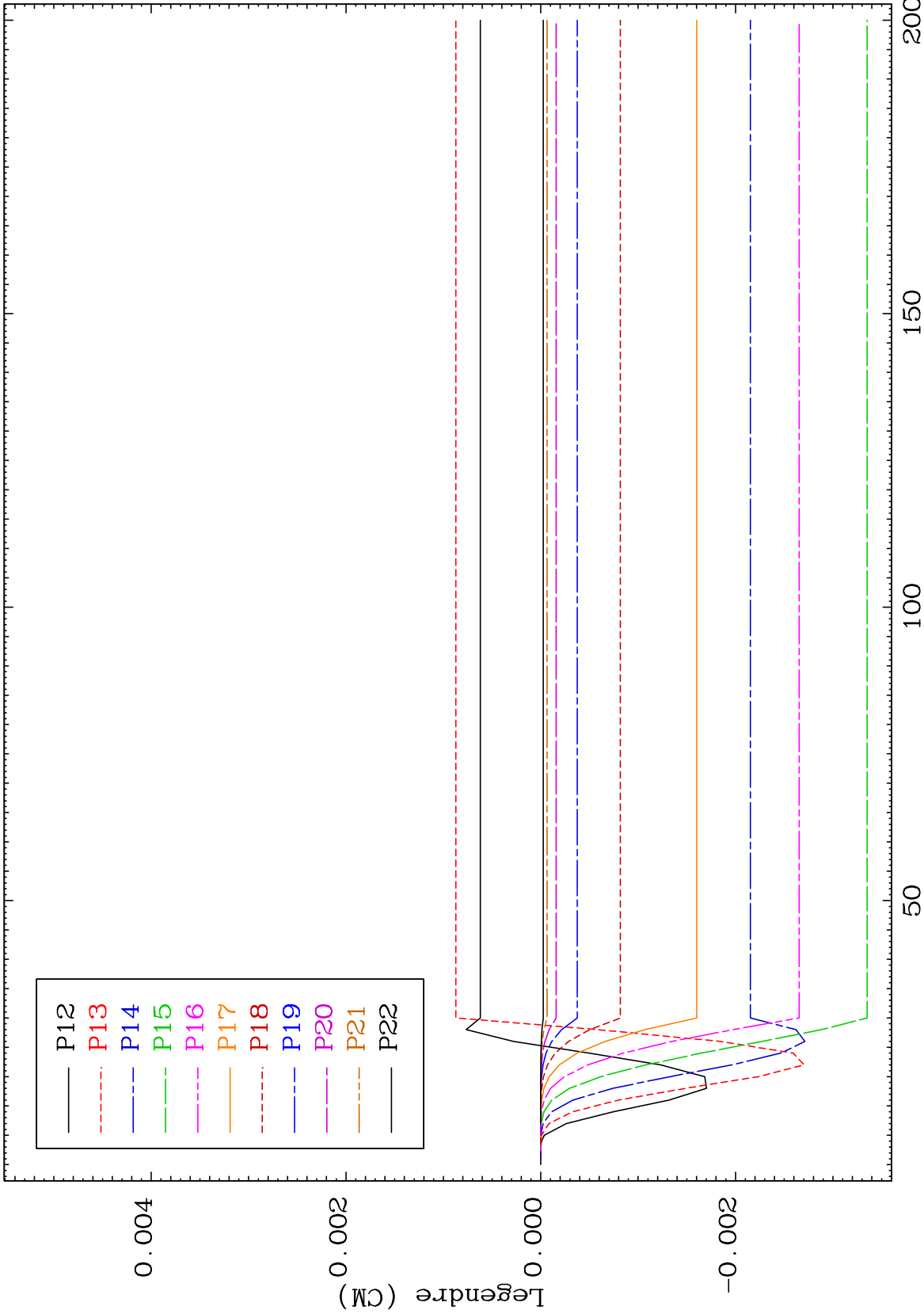


101 Incident Energy (MeV) 30-Zn-64

MAT 3025

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

30-Zn-64

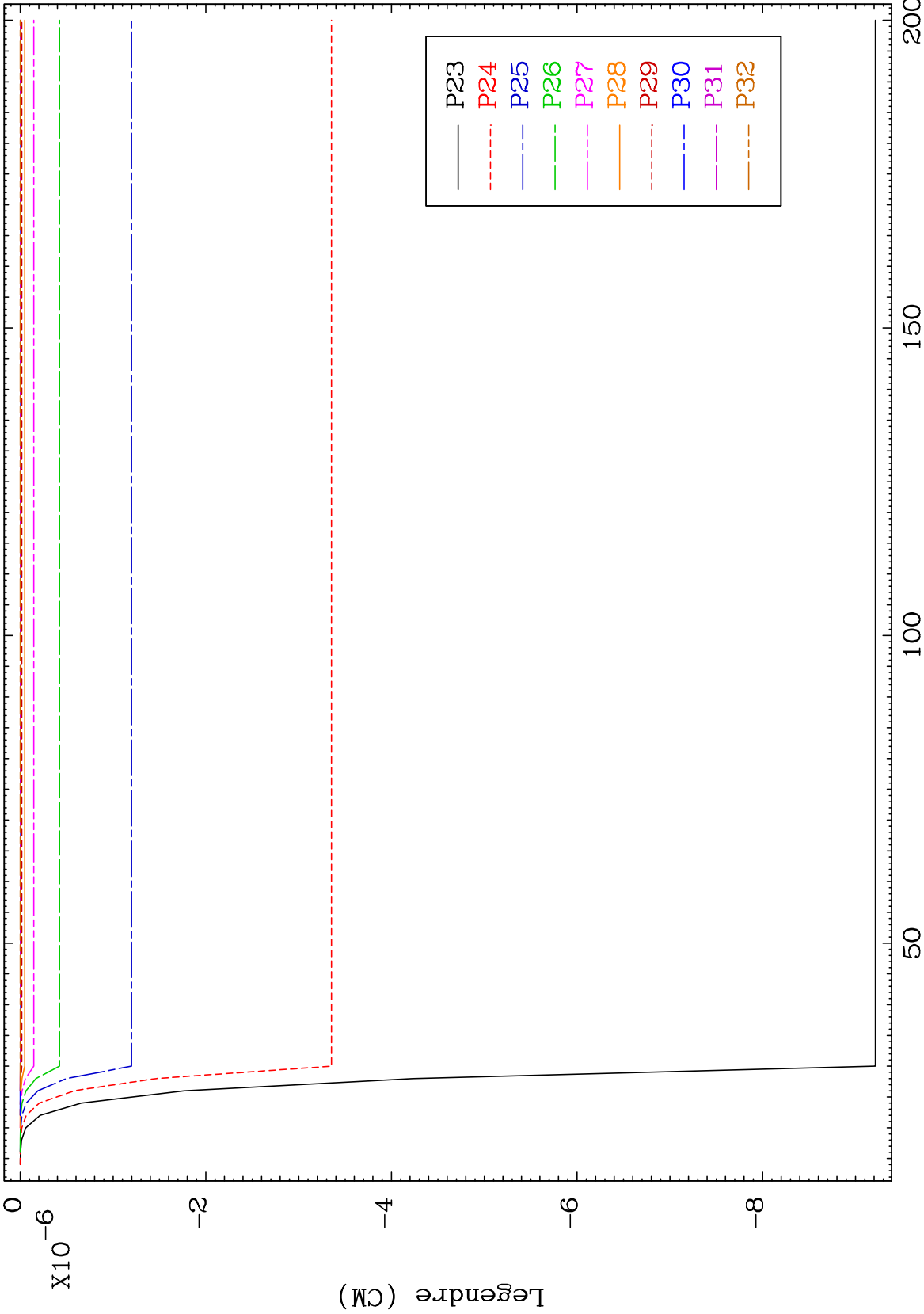


30-Zn-64

Incident Energy (MeV)

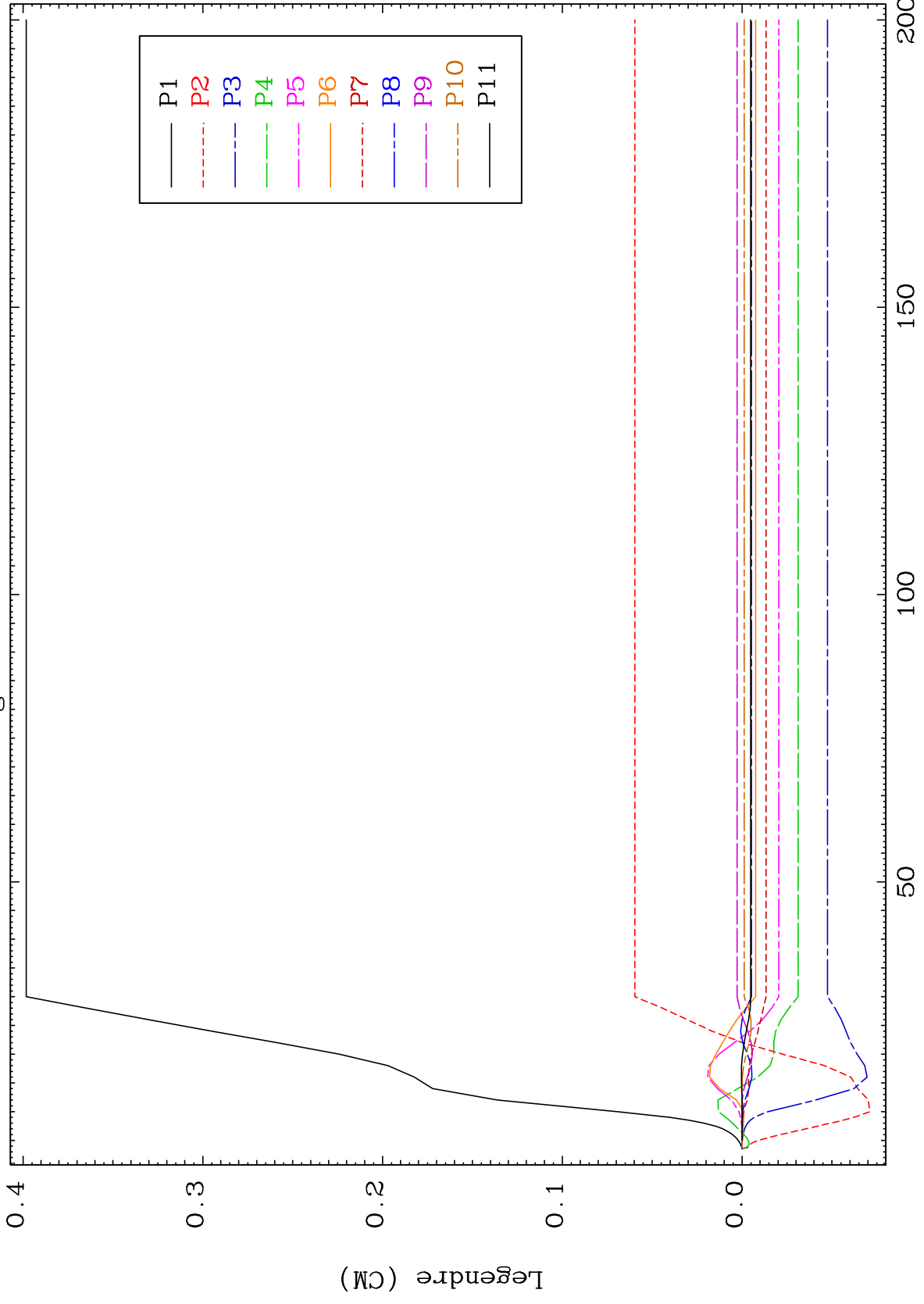
102

MAT 3025 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-64



103 Incident Energy (MeV) 30-Zn-64

MAT 3025 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-64

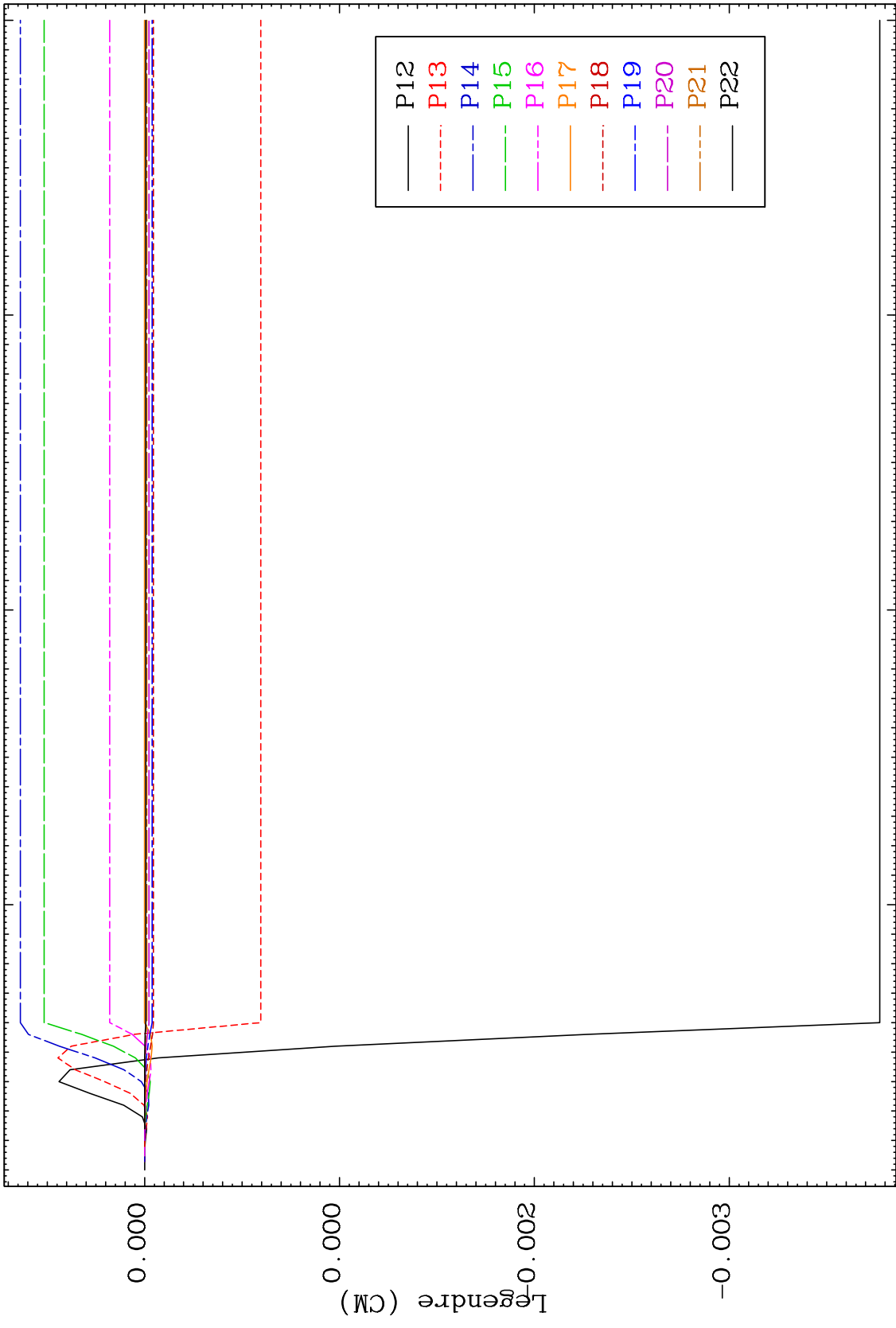


30-Zn-64

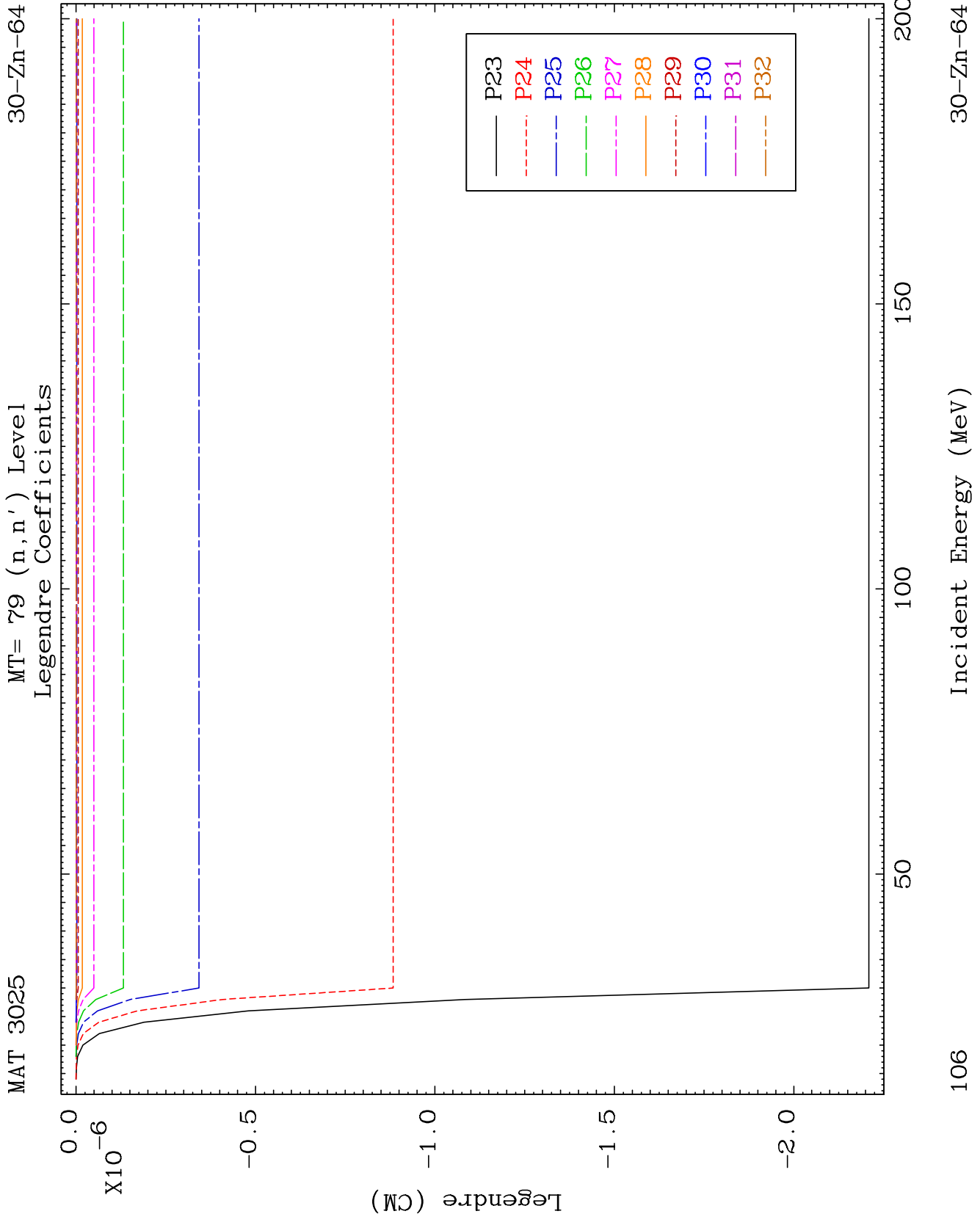
Incident Energy (MeV)

104

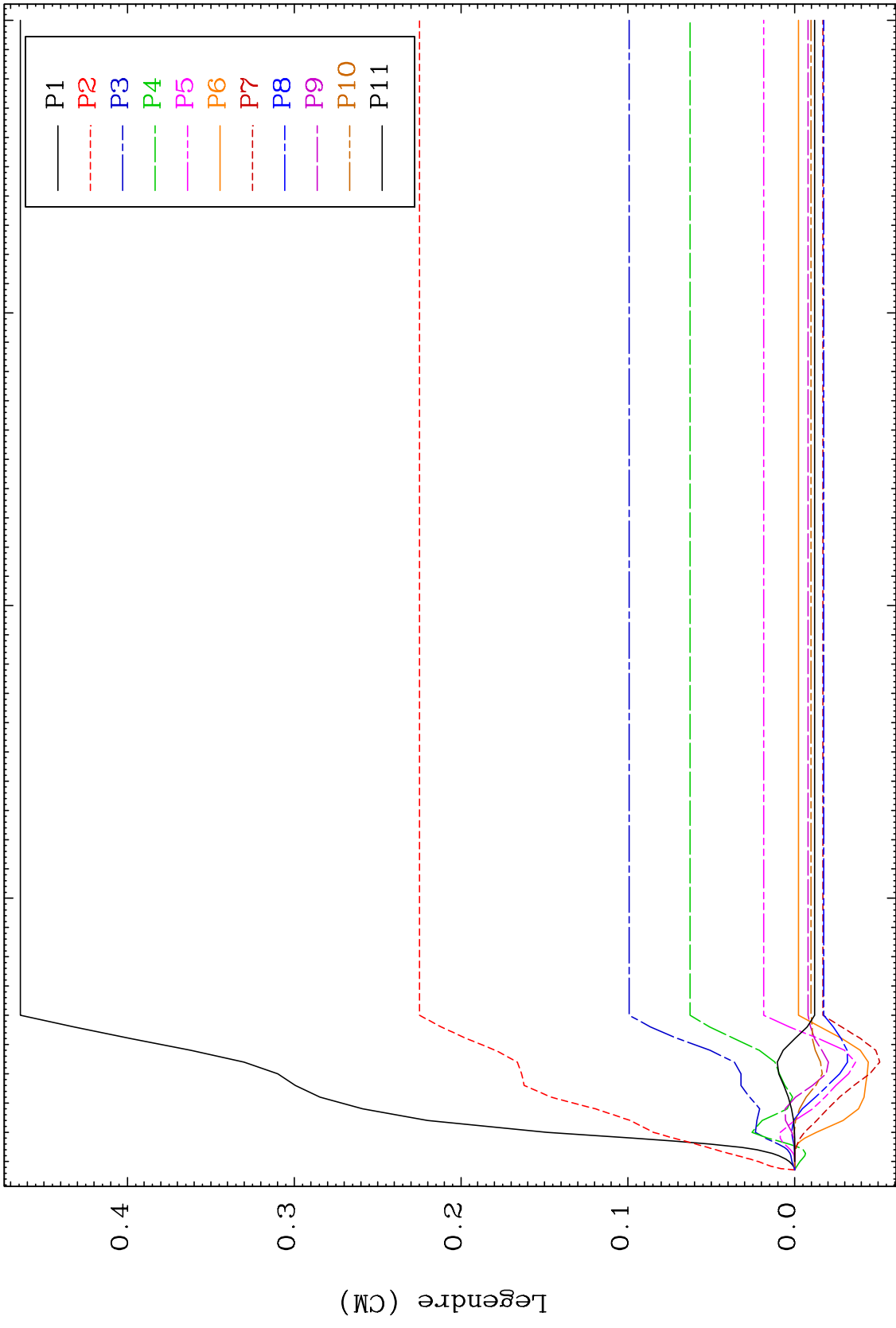
MAT 3025 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-64



105 Incident Energy (MeV) 30-Zn-64

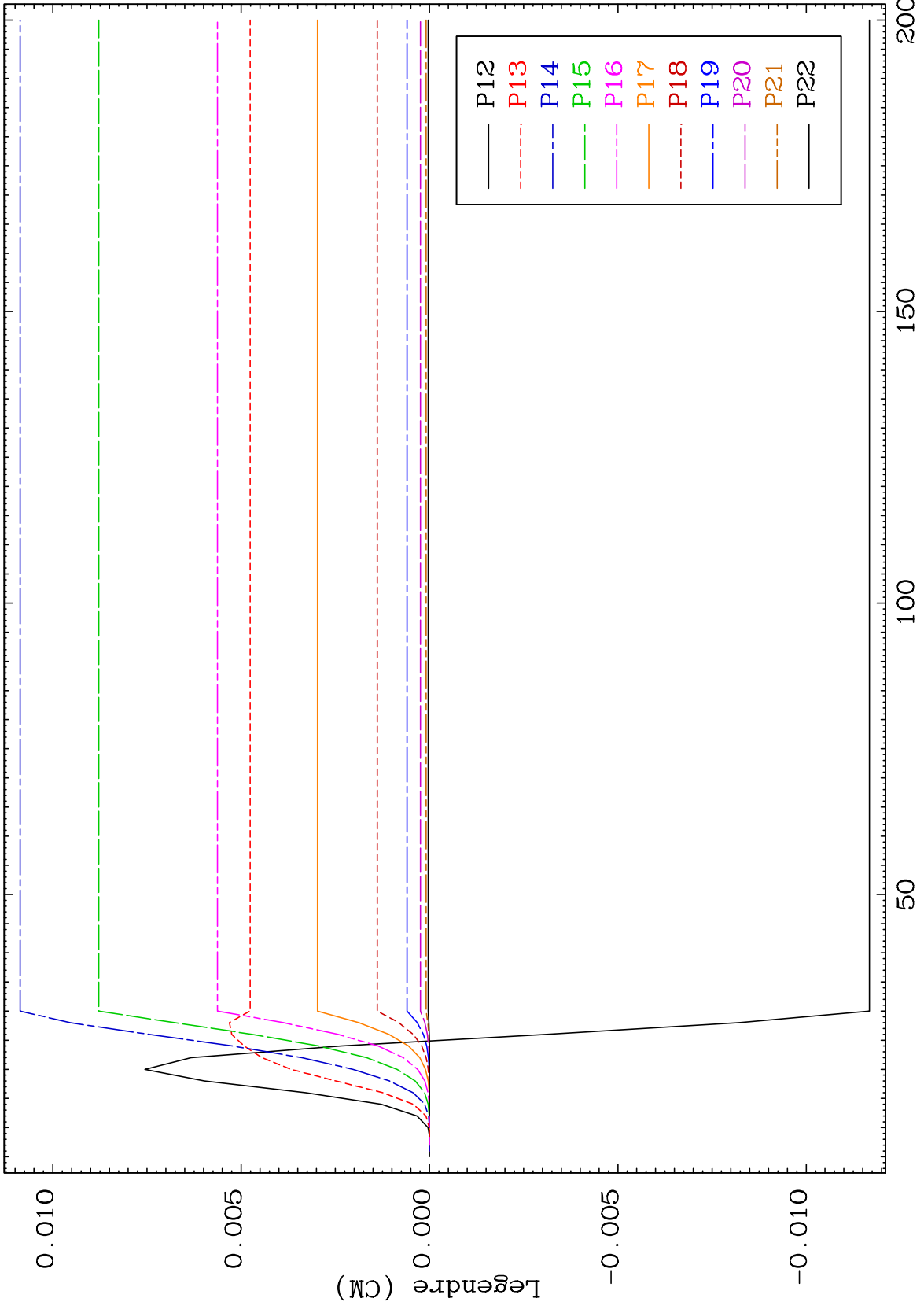


MAT 3025 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-64

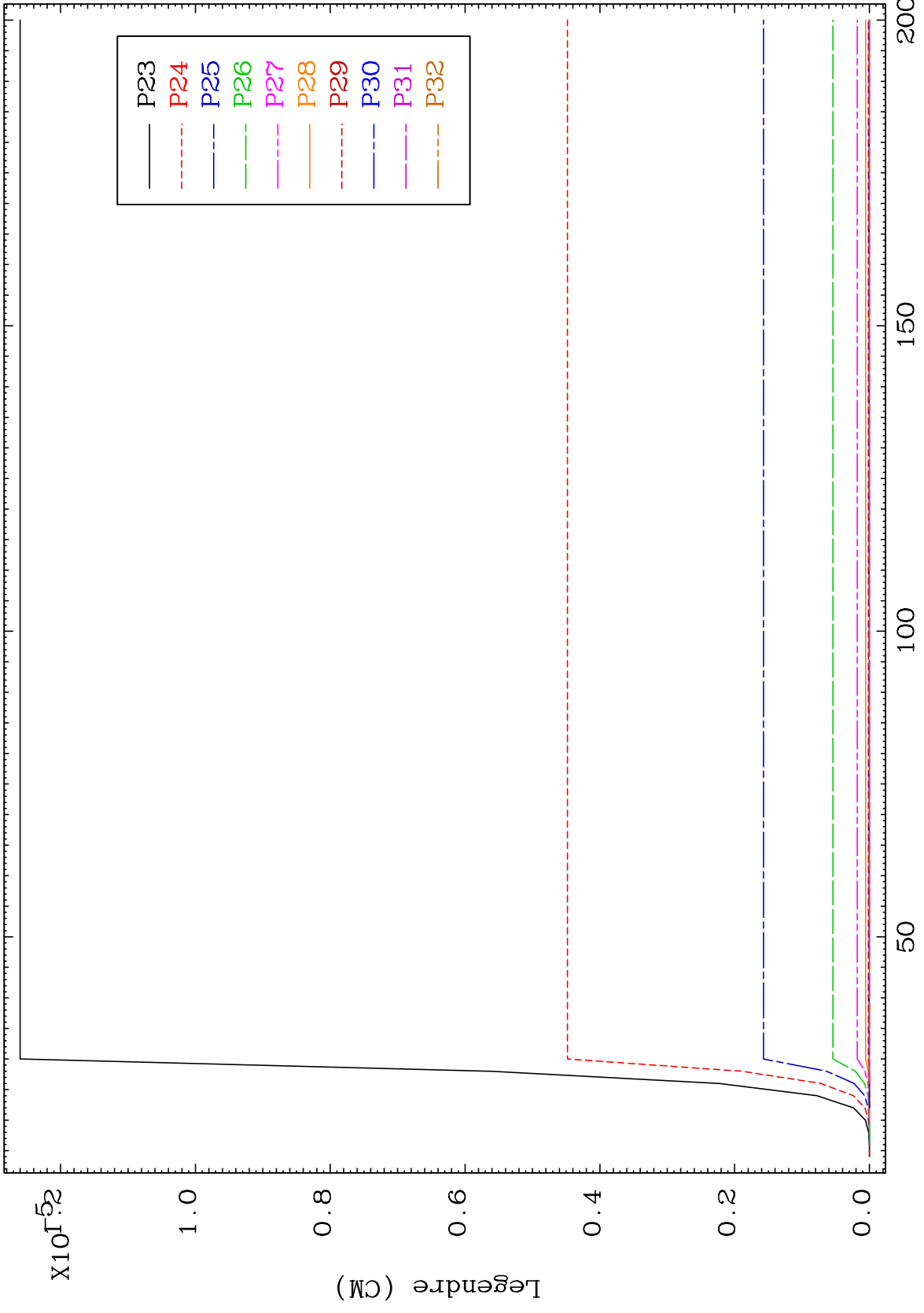


107 30-Zn-64

MAT 3025 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-64



MAT 3025 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-64



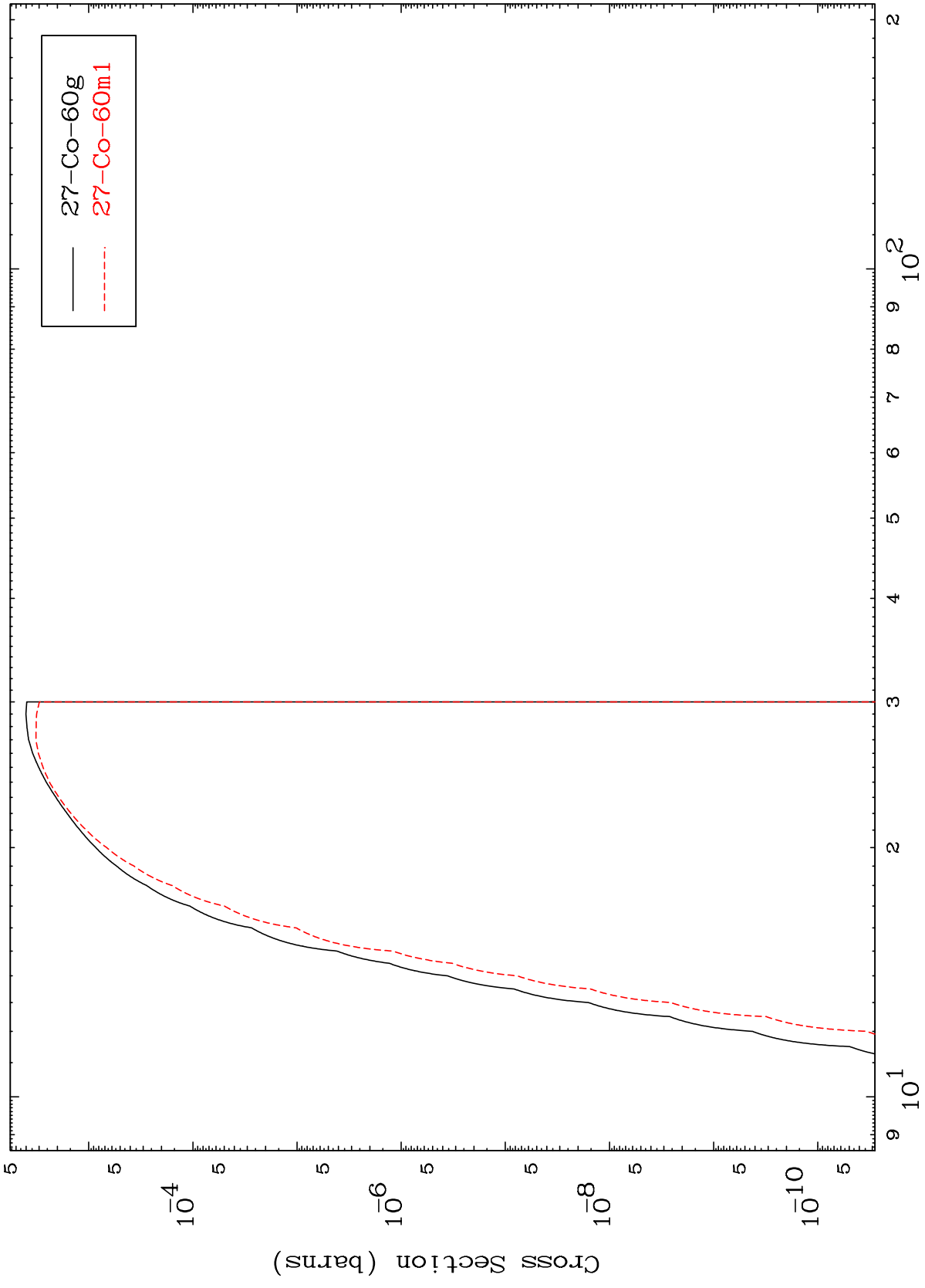
109 30-Zn-64

MAT 3025

(n,p) α

30-Zn-64

Radionuclide Production Cross Section



110

Incident Energy (MeV)

30-Zn-64