

Program EVALPLOT
(Version 2021-1)

by

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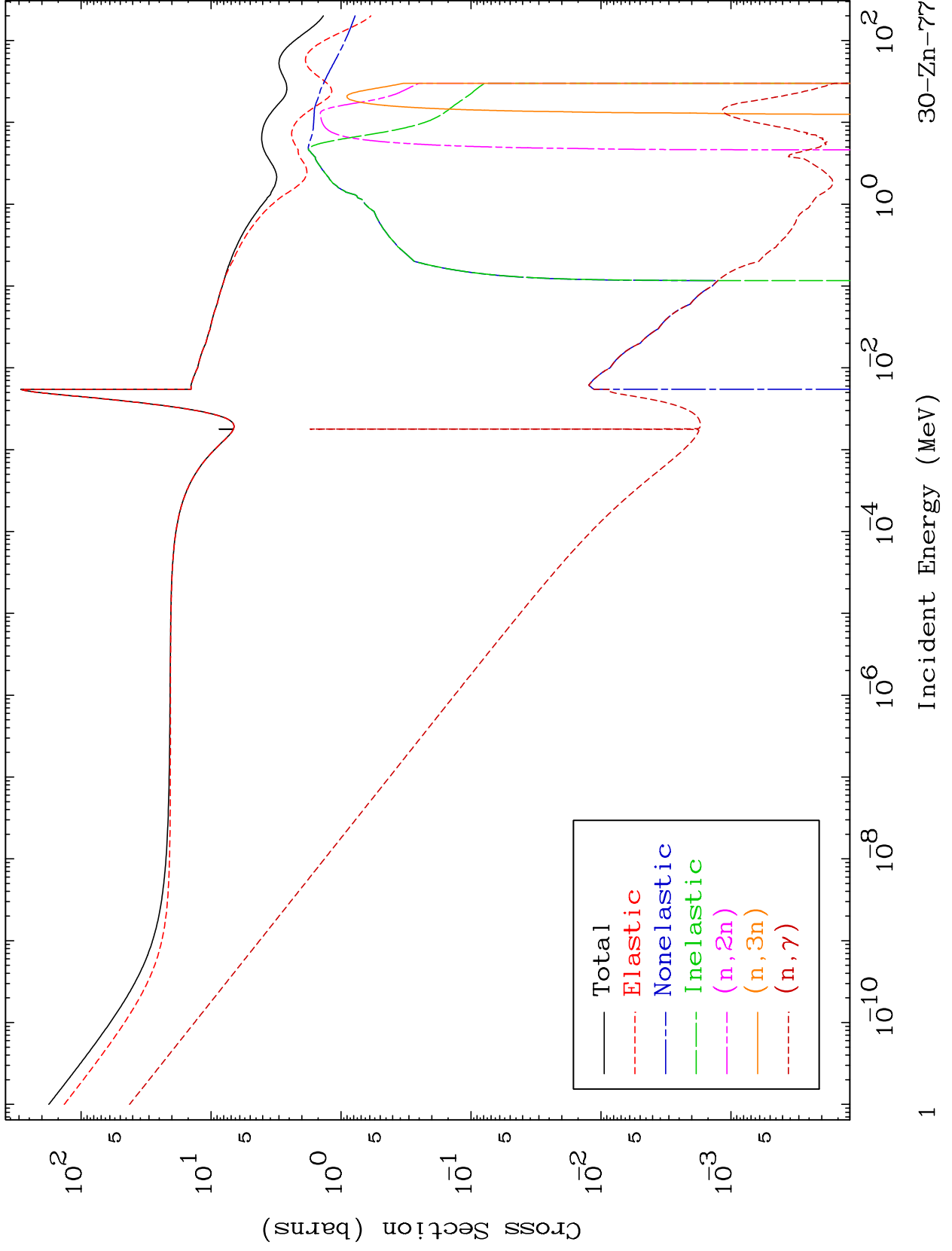
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3064

Neutron Major
293 Kelvin Cross Sections

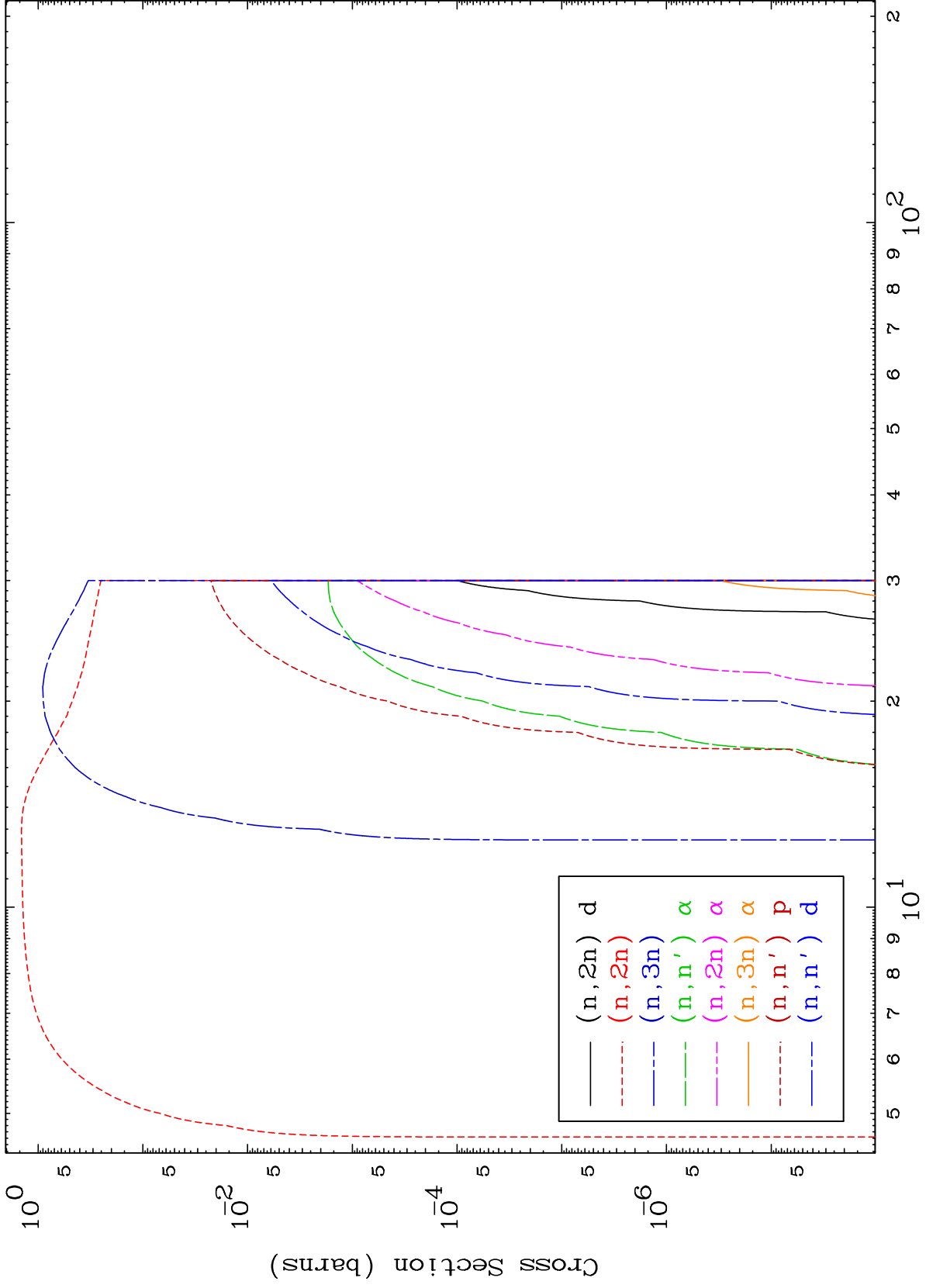
30-Zn-77



MAT 3064

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-77



2

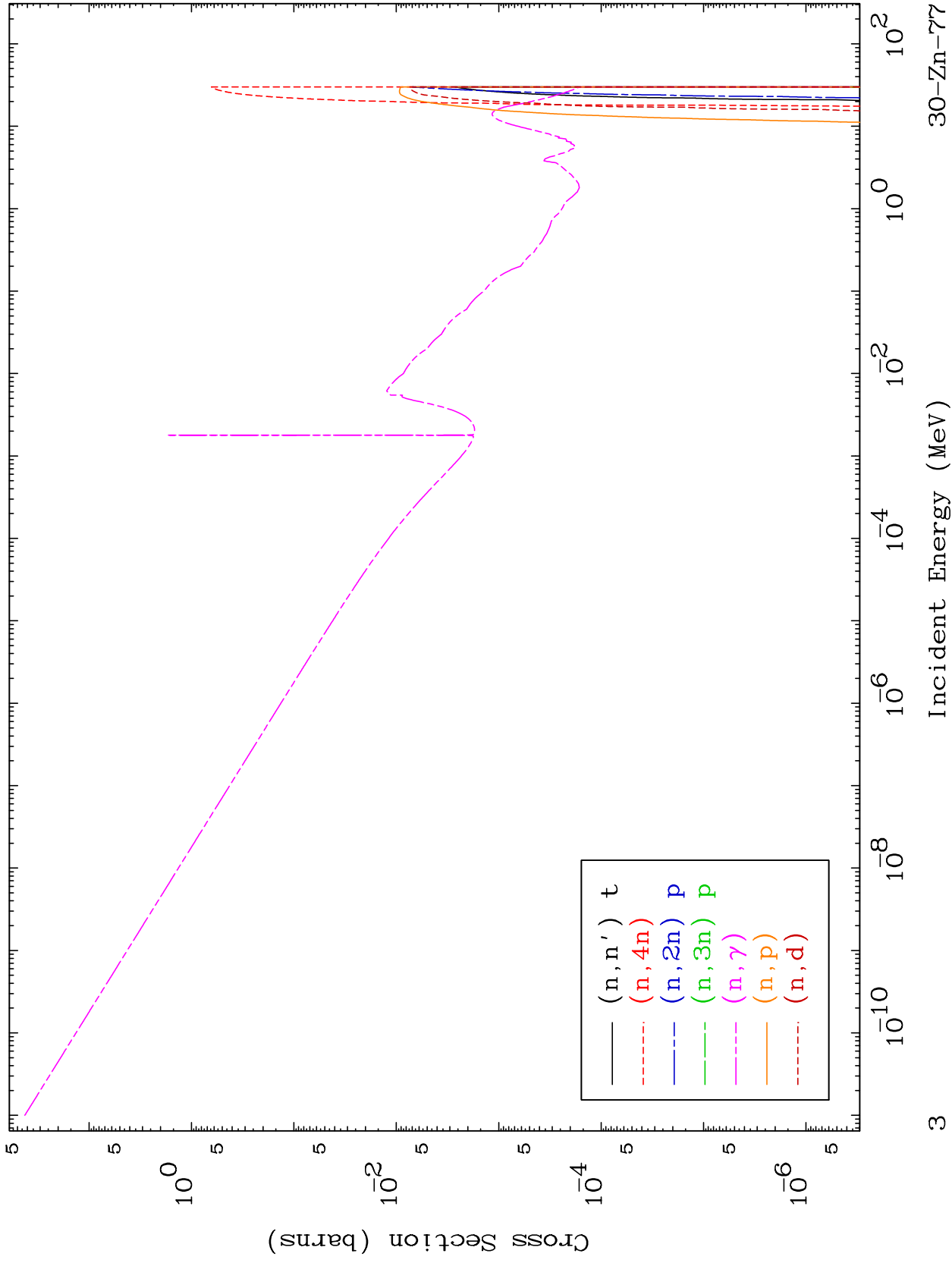
Incident Energy (MeV)

30-Zn-77

MAT 3064

Neutron Absorption
293 Kelvin Cross Sections

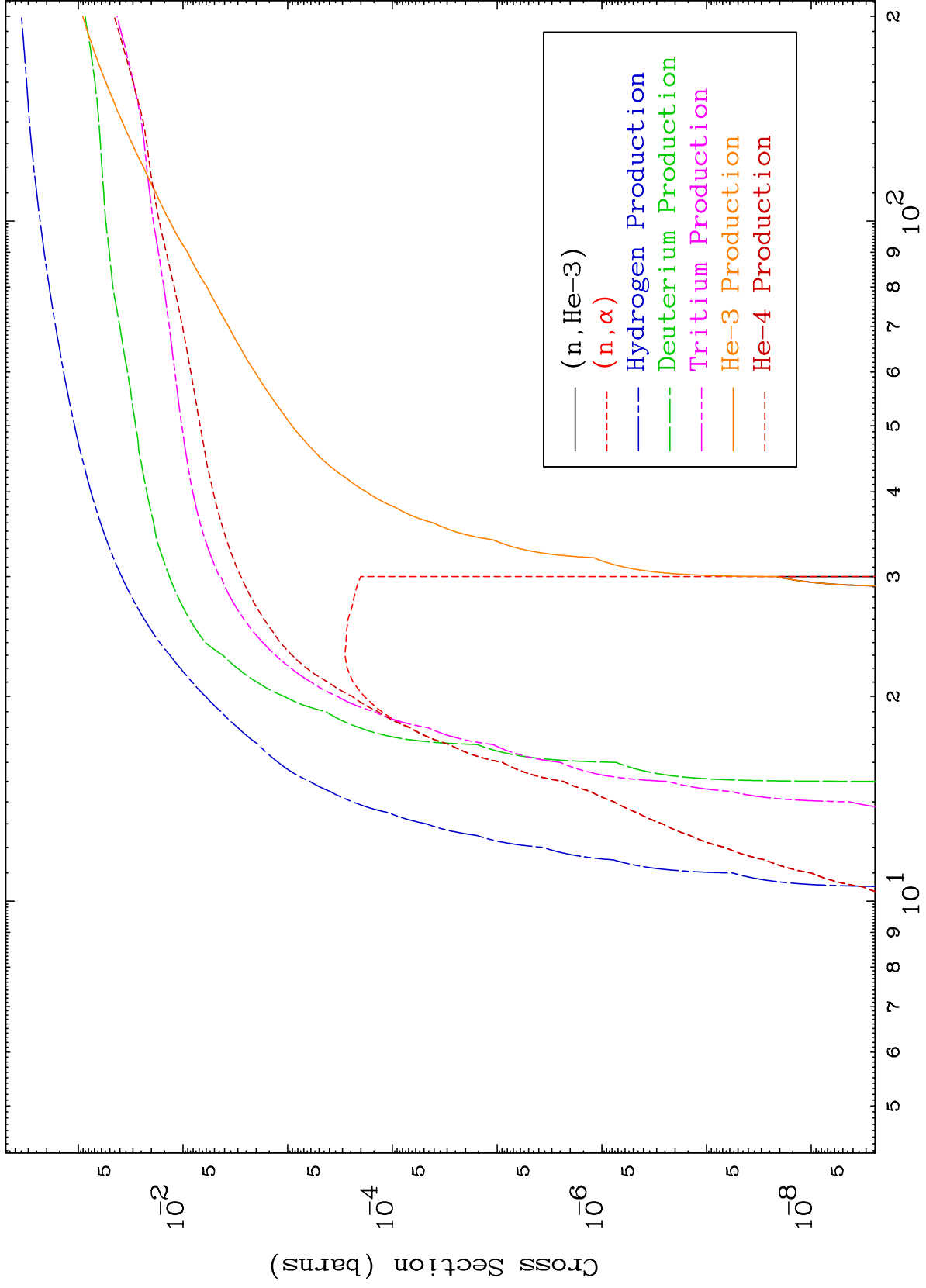
30-Zn-77



MAT 3064

Neutron Absorption
293 Kelvin Cross Sections

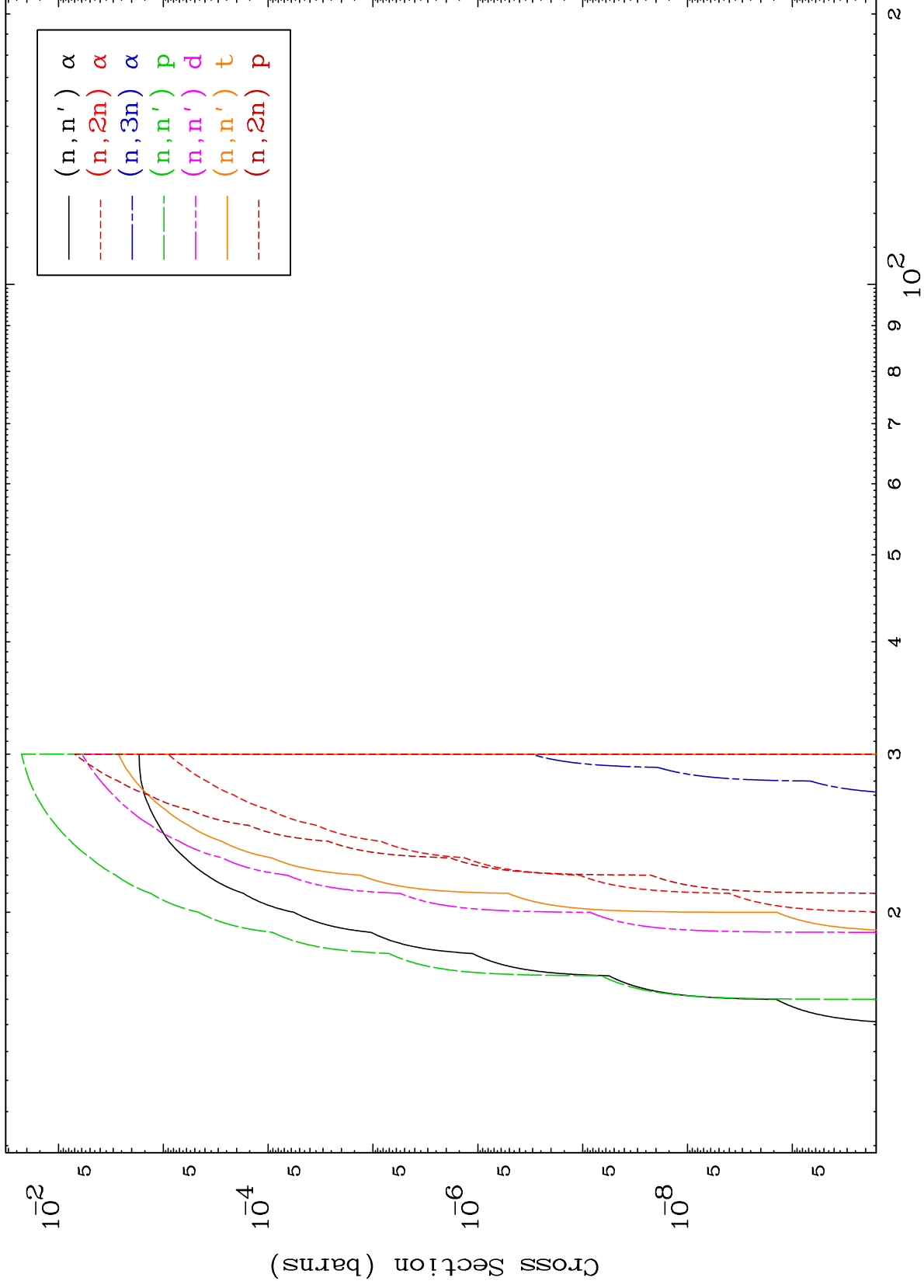
30-Zn-77



MAT 3064

Charged Particle
293 Kelvin Cross Sections

30-Zn-77



5

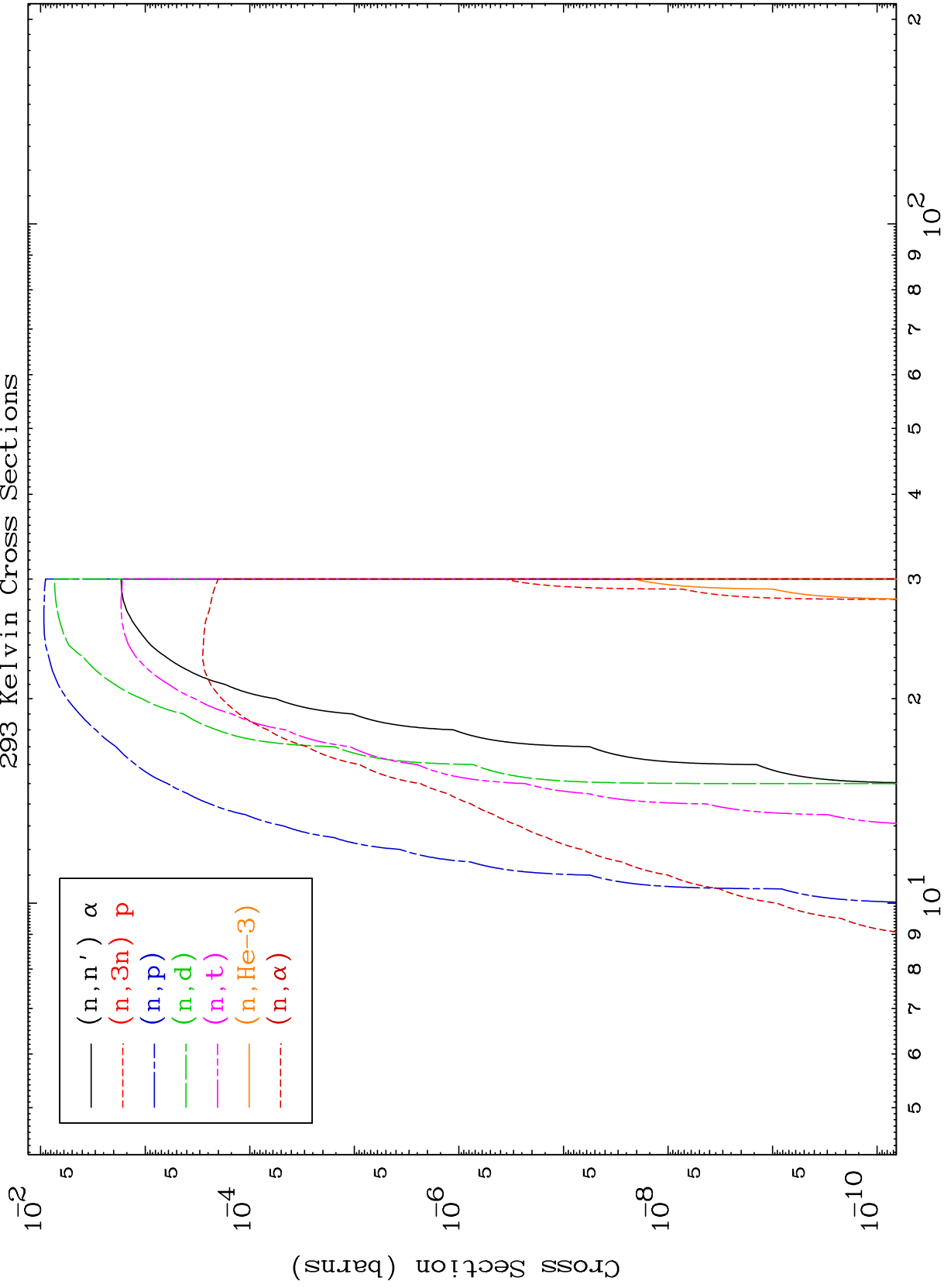
Incident Energy (MeV)

30-Zn-77

MAT 3064

Charged Particle
293 Kelvin Cross Sections

30-Zn-77



6

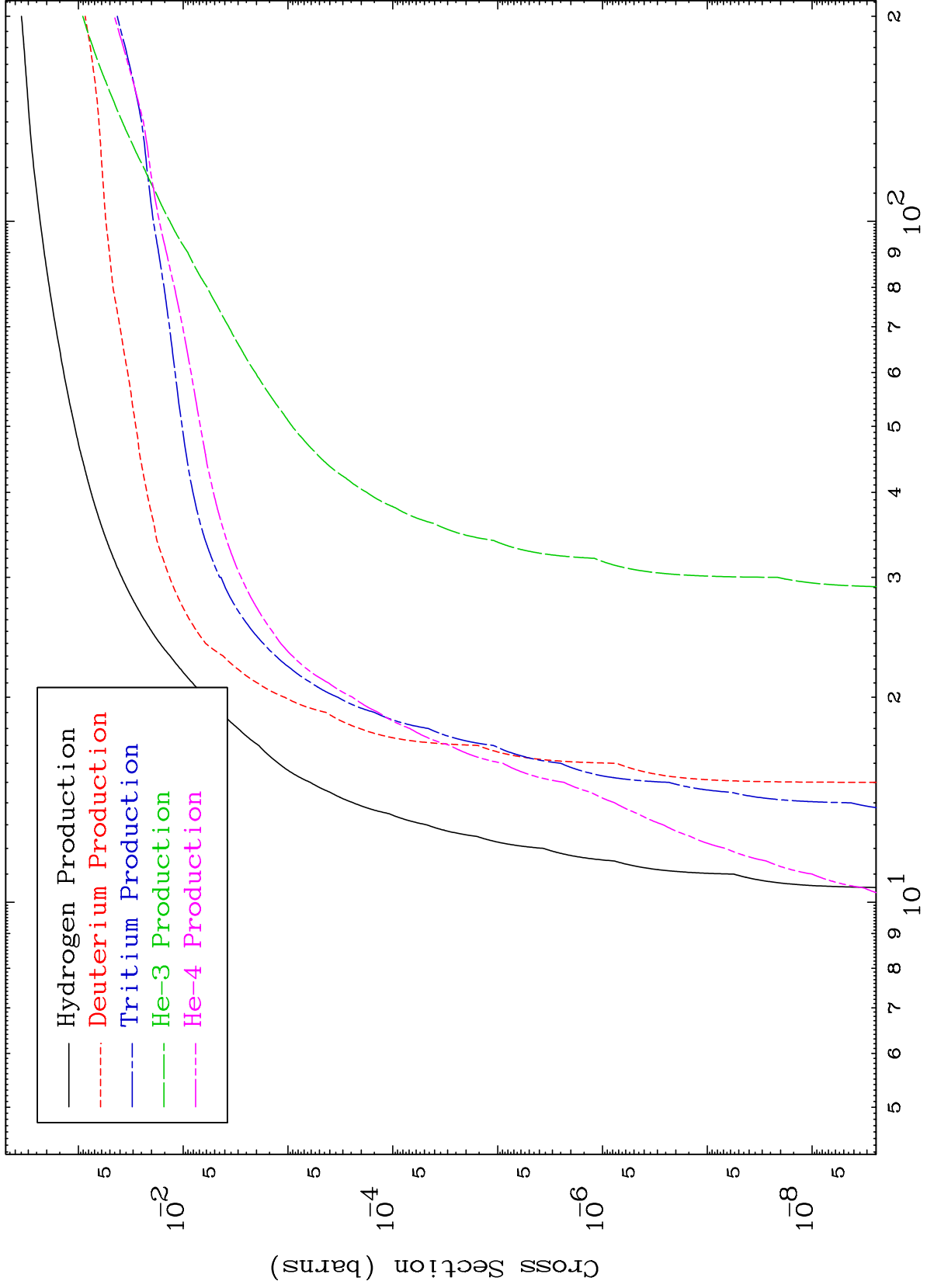
Incident Energy (MeV)

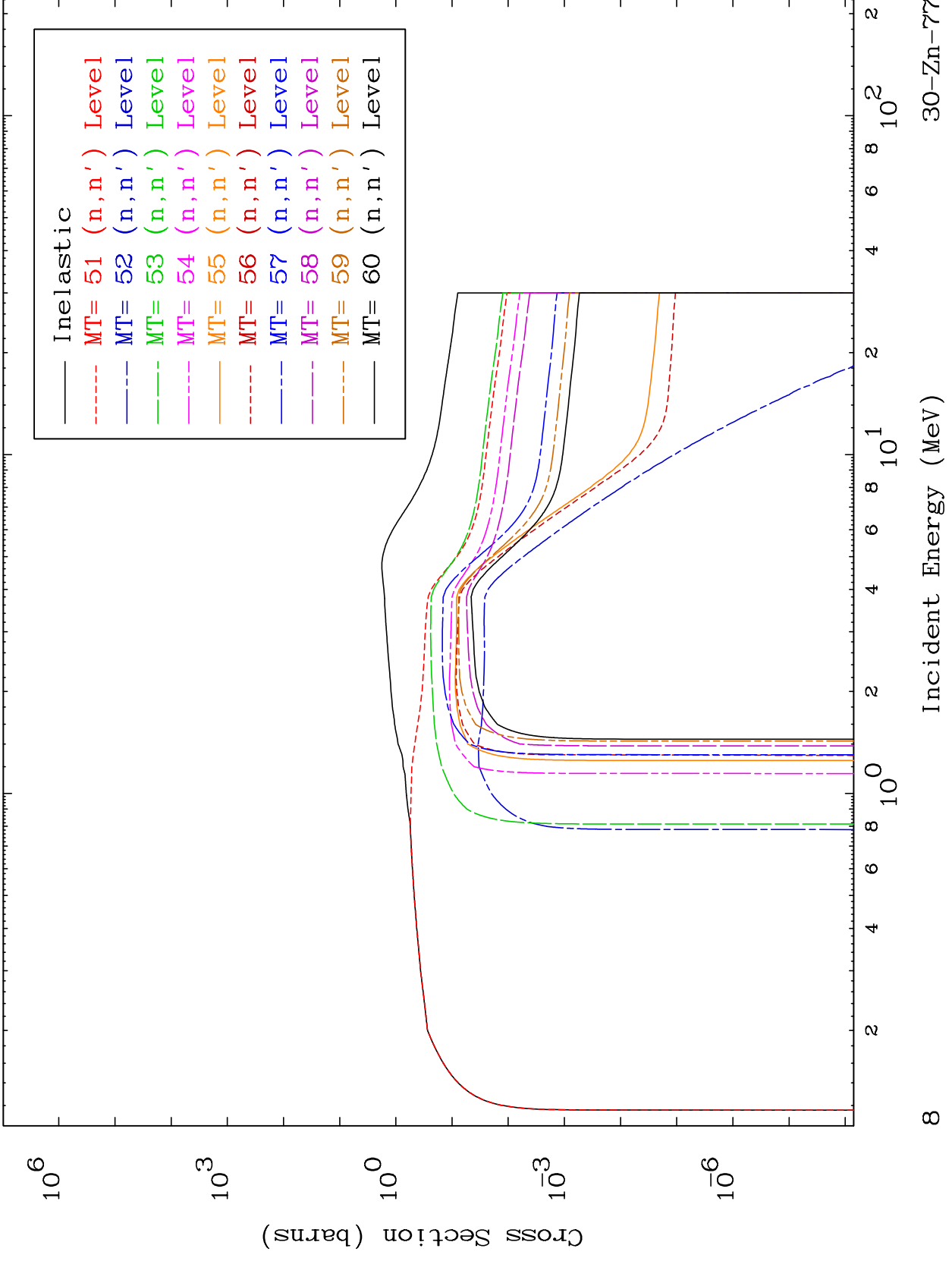
30-Zn-77

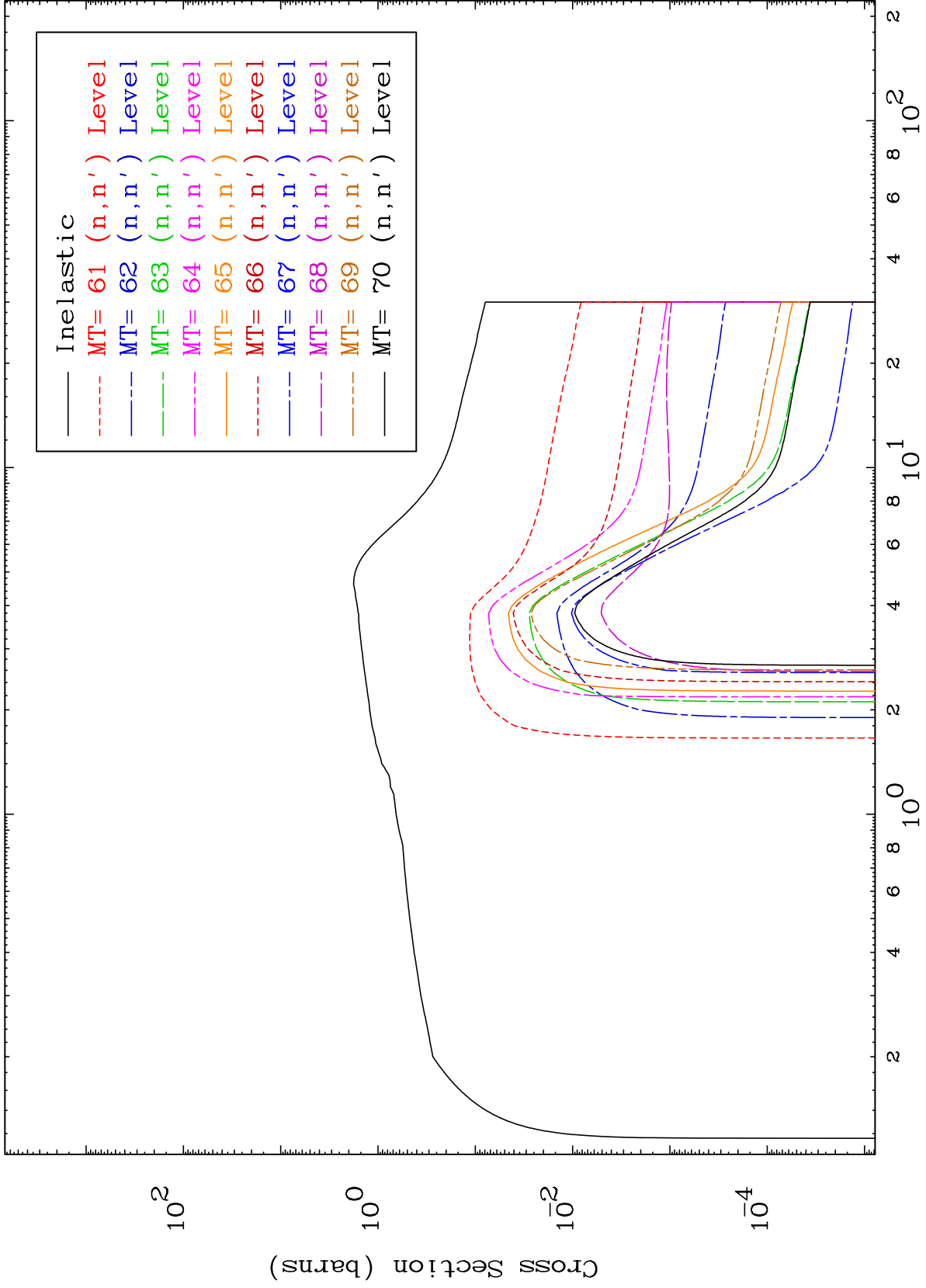
MAT 3064

Particle Production
293 Kelvin Cross Sections

30-Zn-77



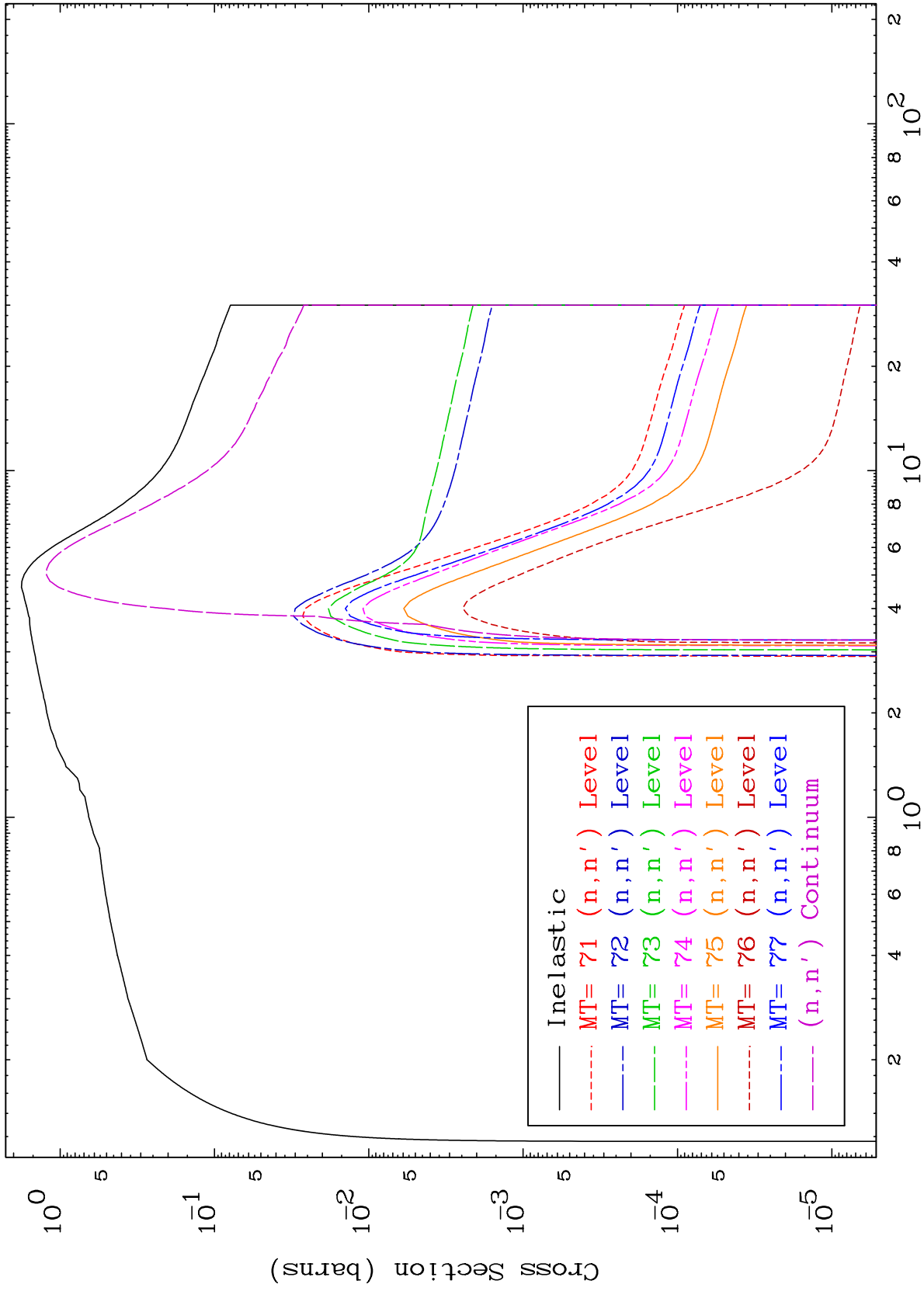




MAT 3064

(n,n') Levels
293 Kelvin Cross Sections

30-Zn-77



10

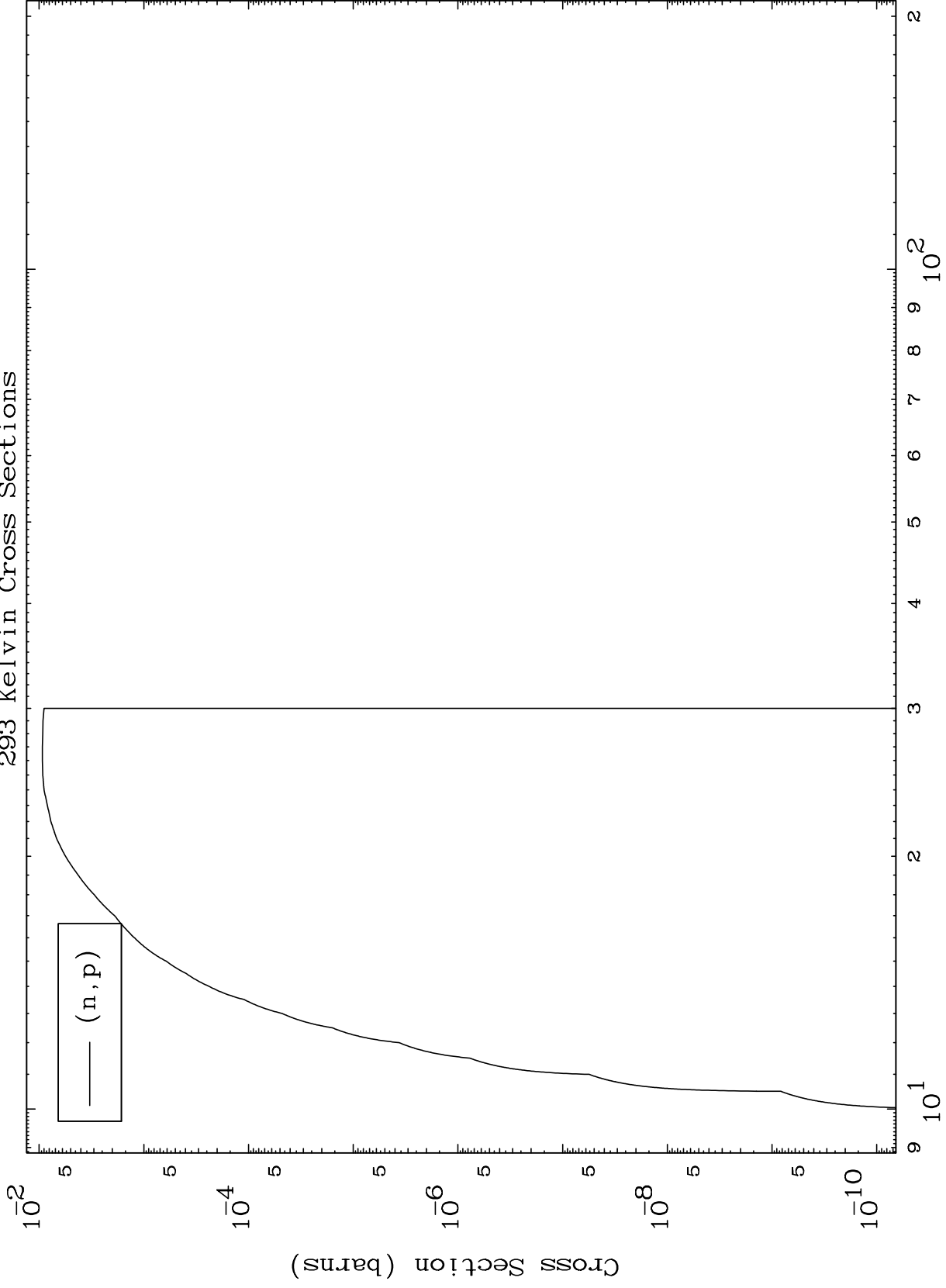
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,p) Levels
293 Kelvin Cross Sections

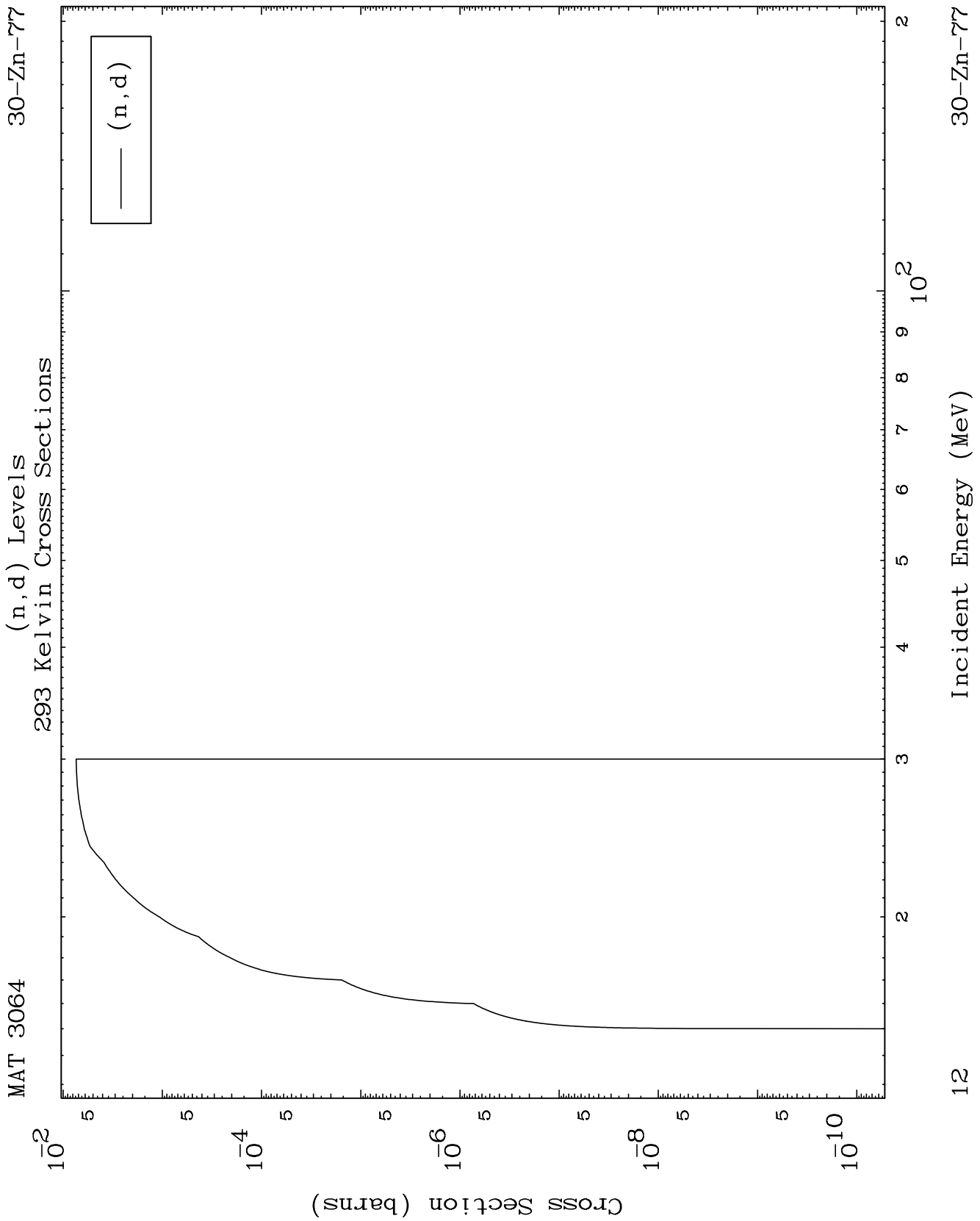
30-Zn-77



11

Incident Energy (MeV)

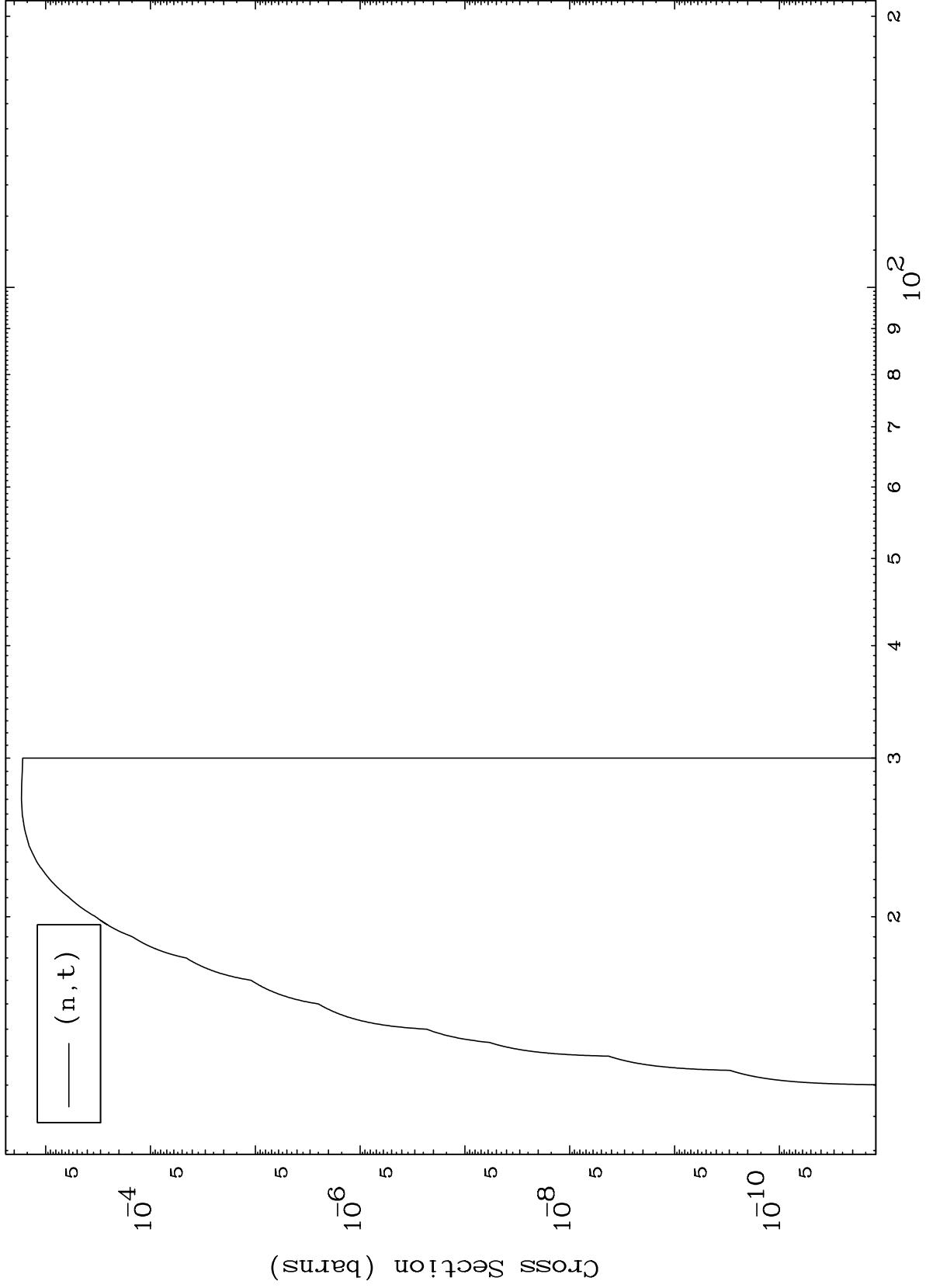
30-Zn-77



MAT 3064

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-77



13

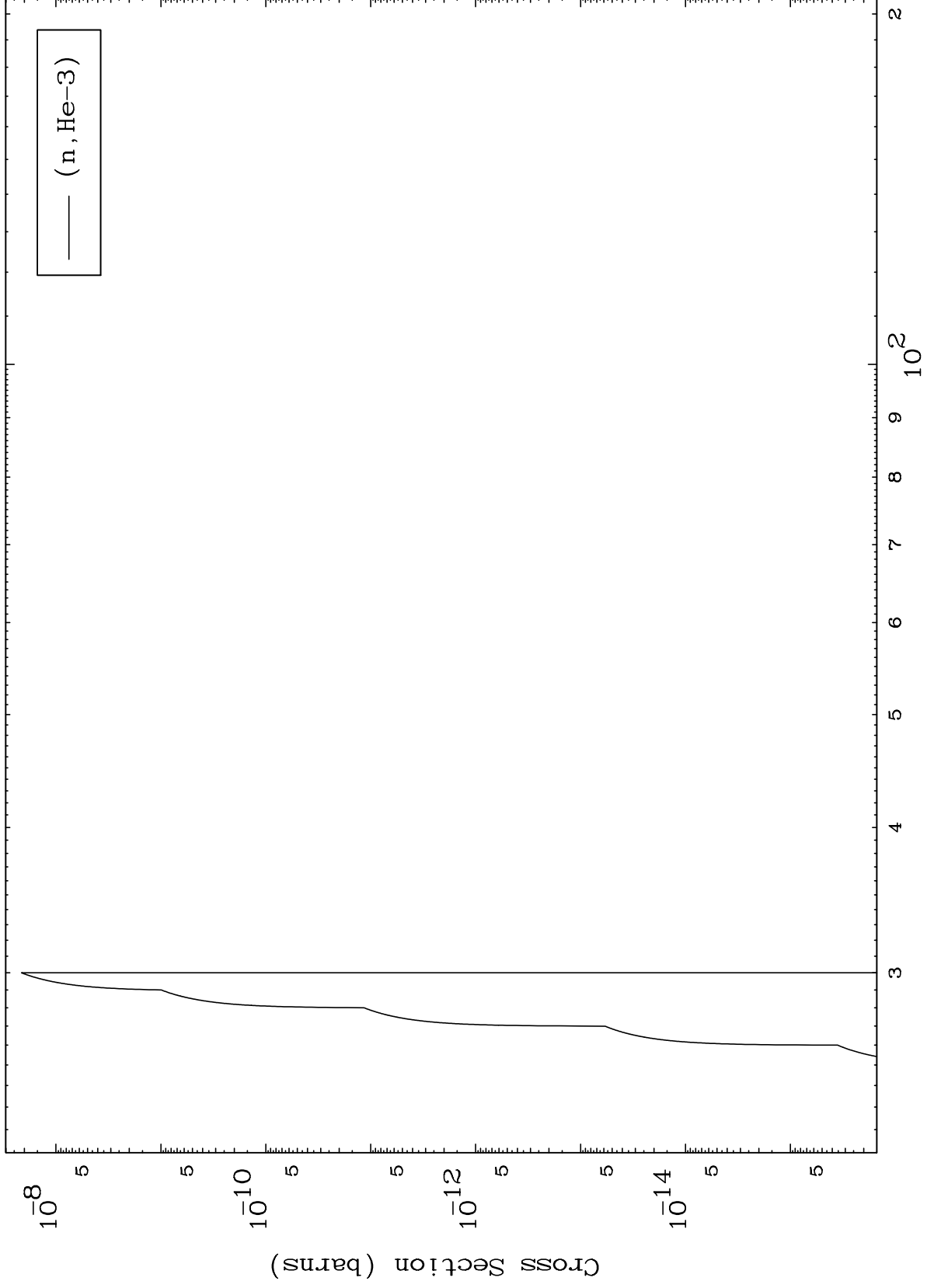
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-77



14

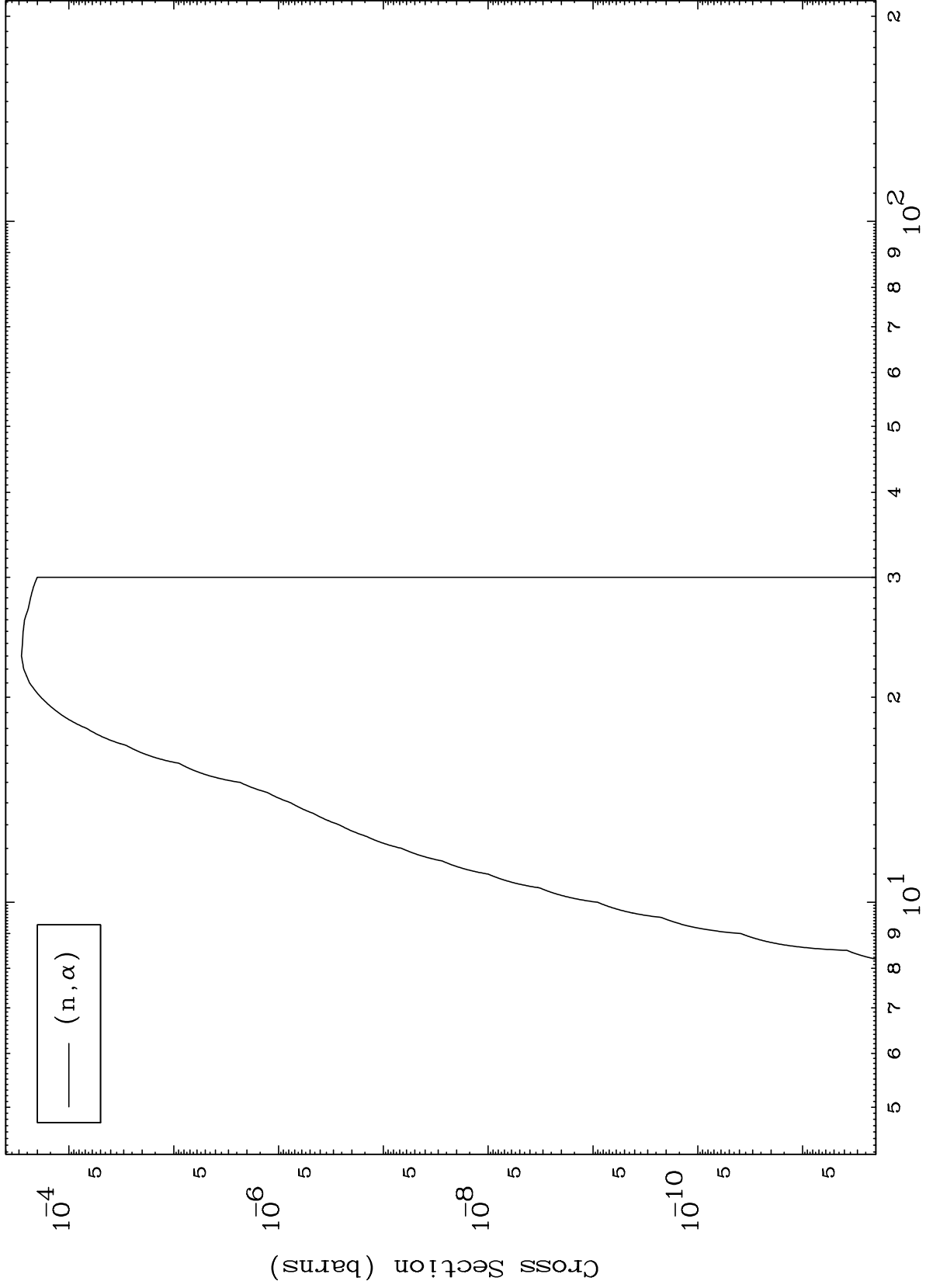
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-77



15

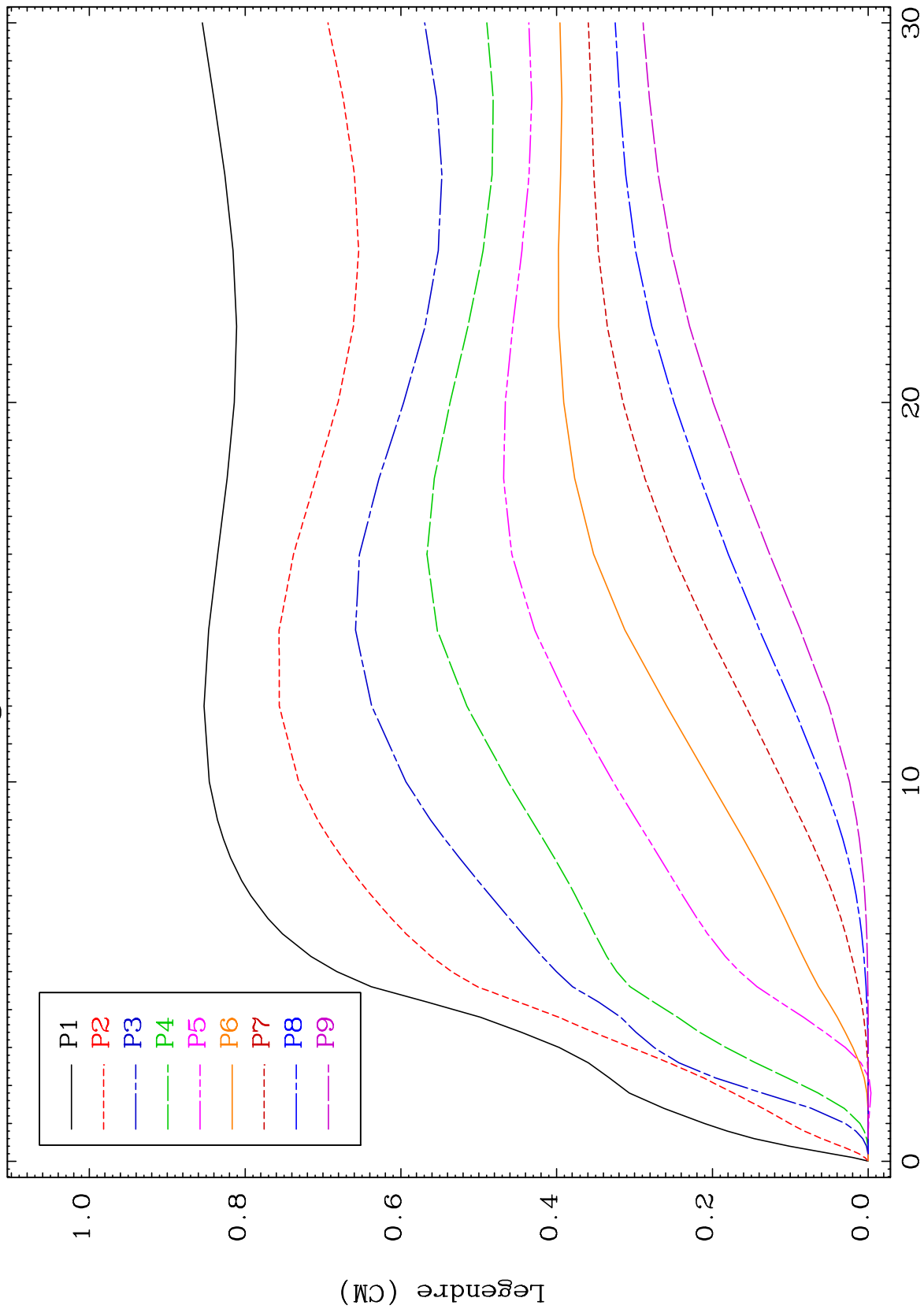
Incident Energy (MeV)

30-Zn-77

MAT 3064

Elastic Legendre Coefficients

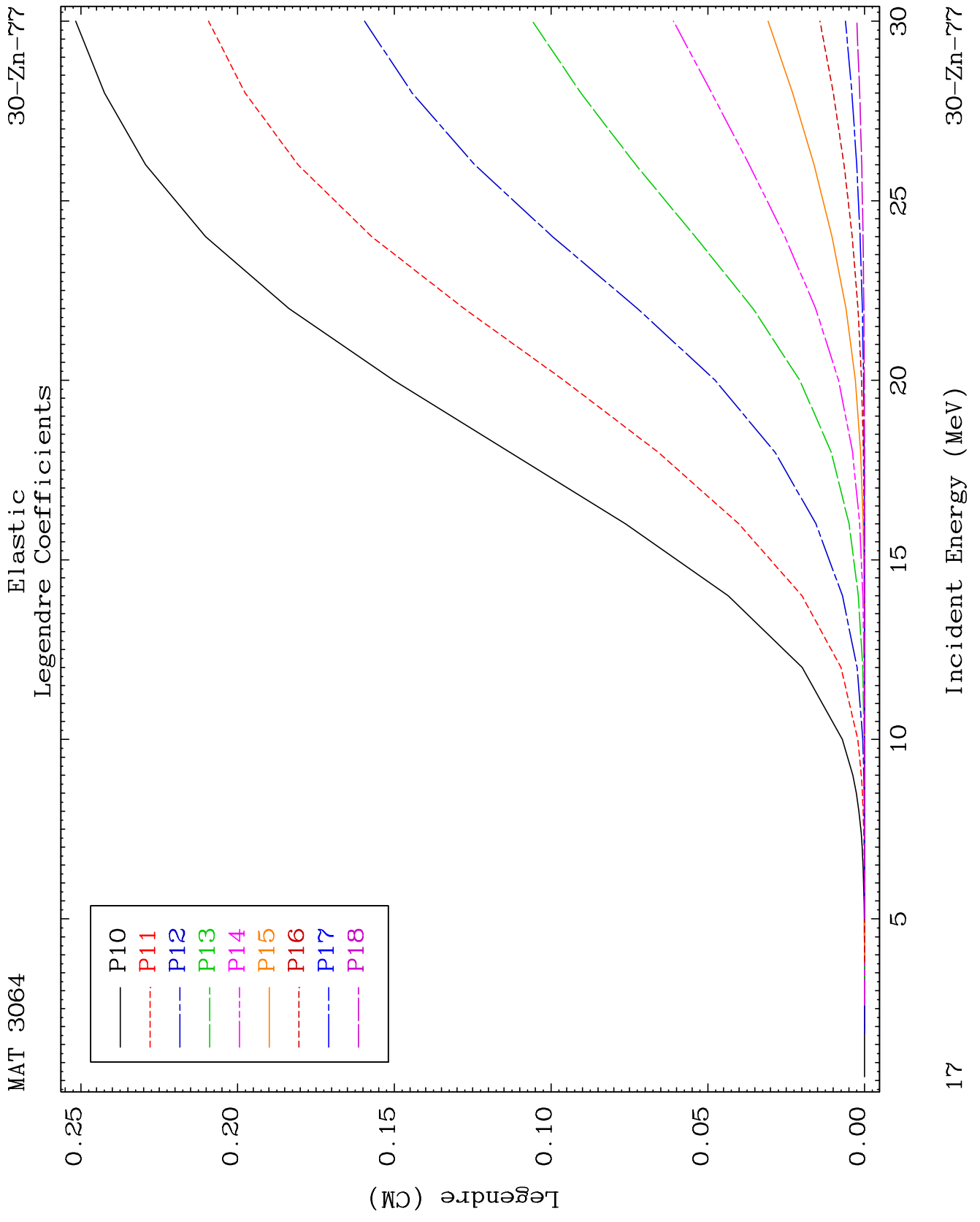
30-Zn-77



16

Incident Energy (MeV)

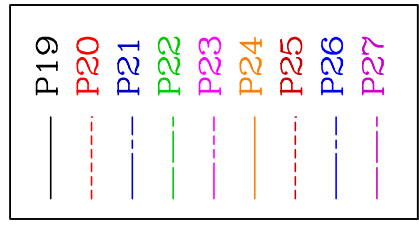
30-Zn-77



MAT 3064

Elastic
Legendre Coefficients

30-Zn-77



$\times 10^{-4}$

Legendre (CM)

8

6

4

2

0

10

15

20

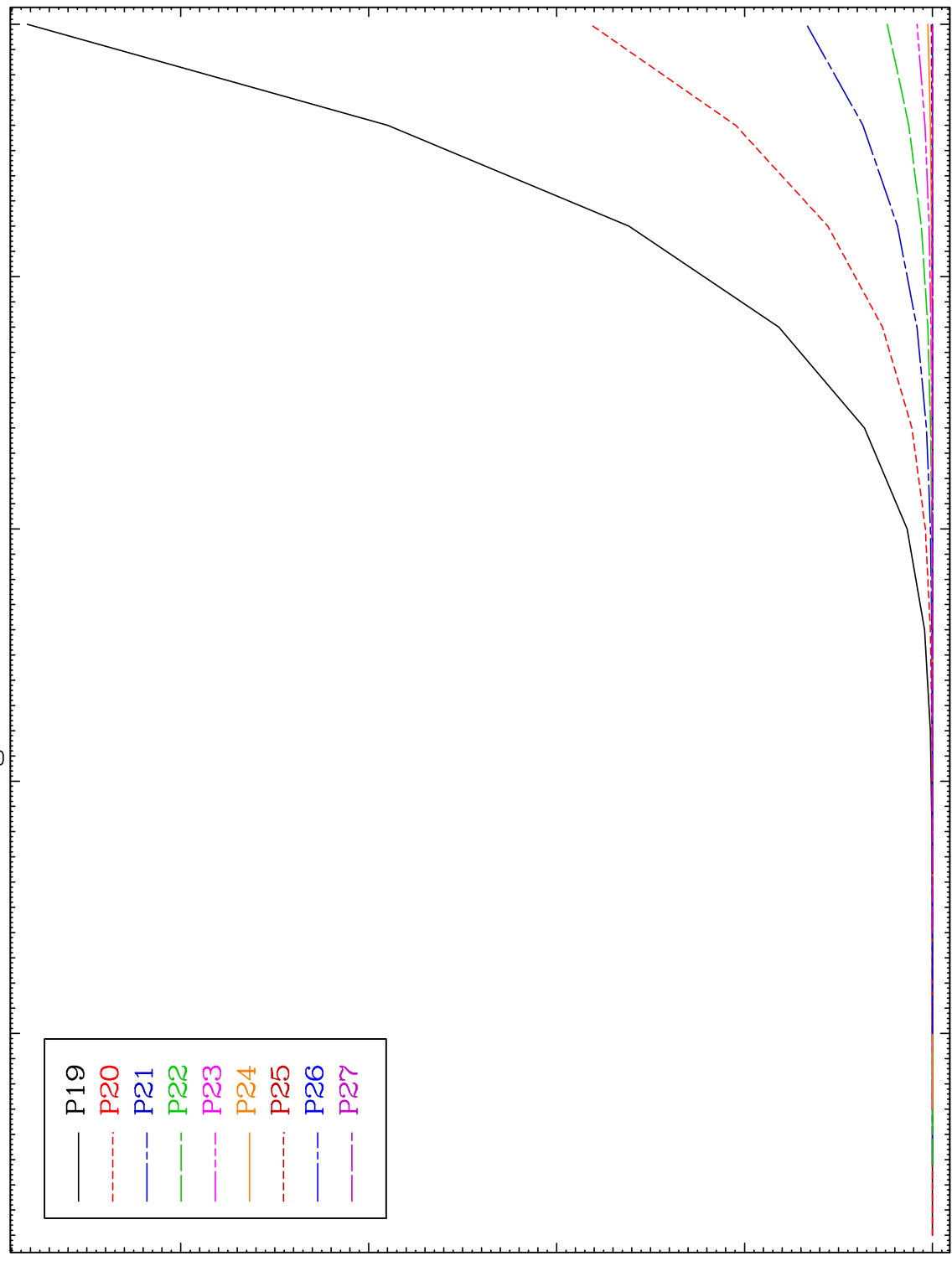
25

30

18

Incident Energy (MeV)

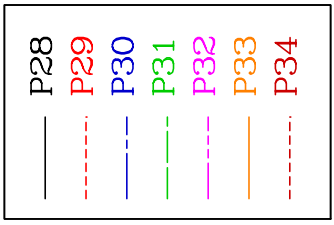
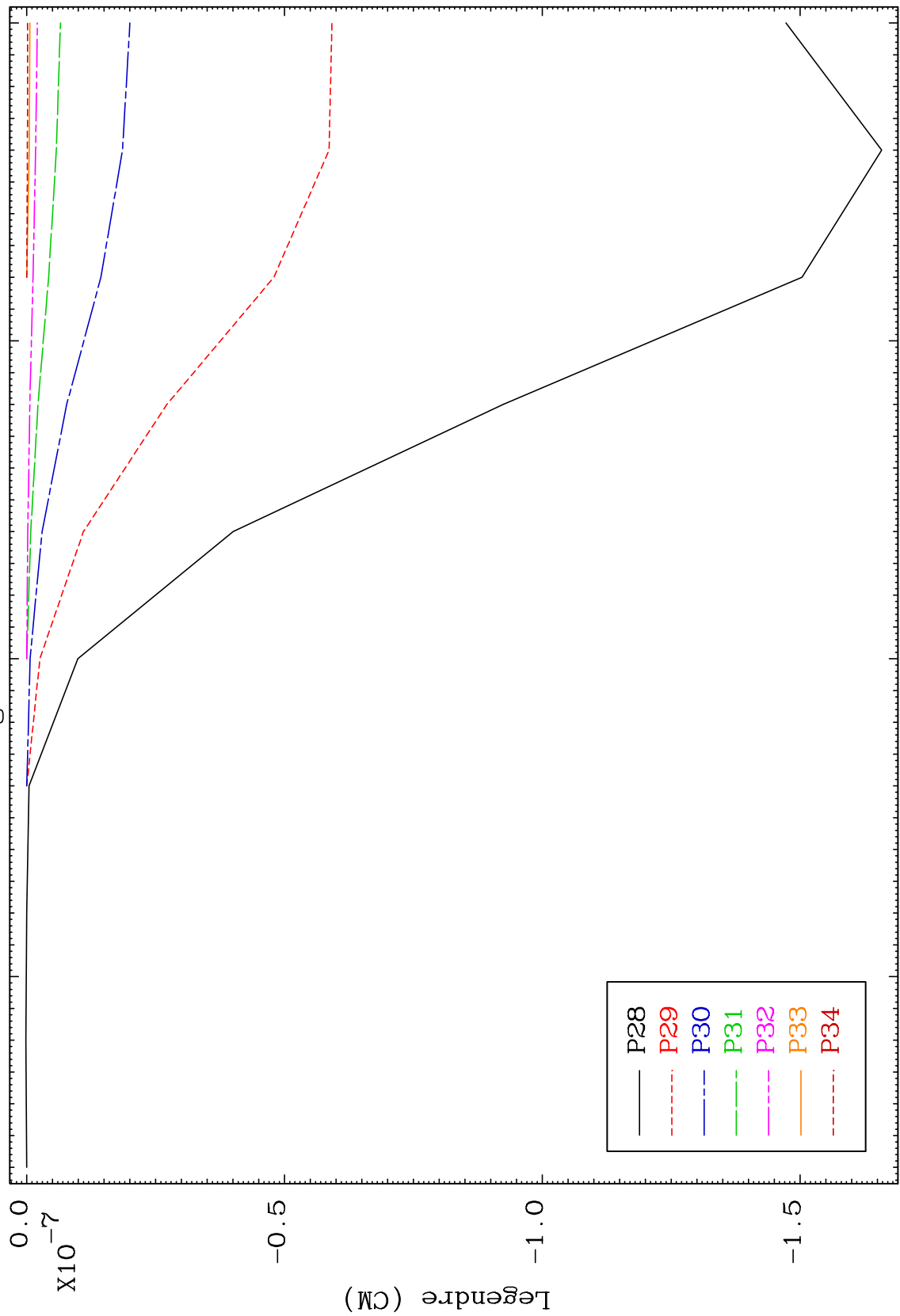
30-Zn-77

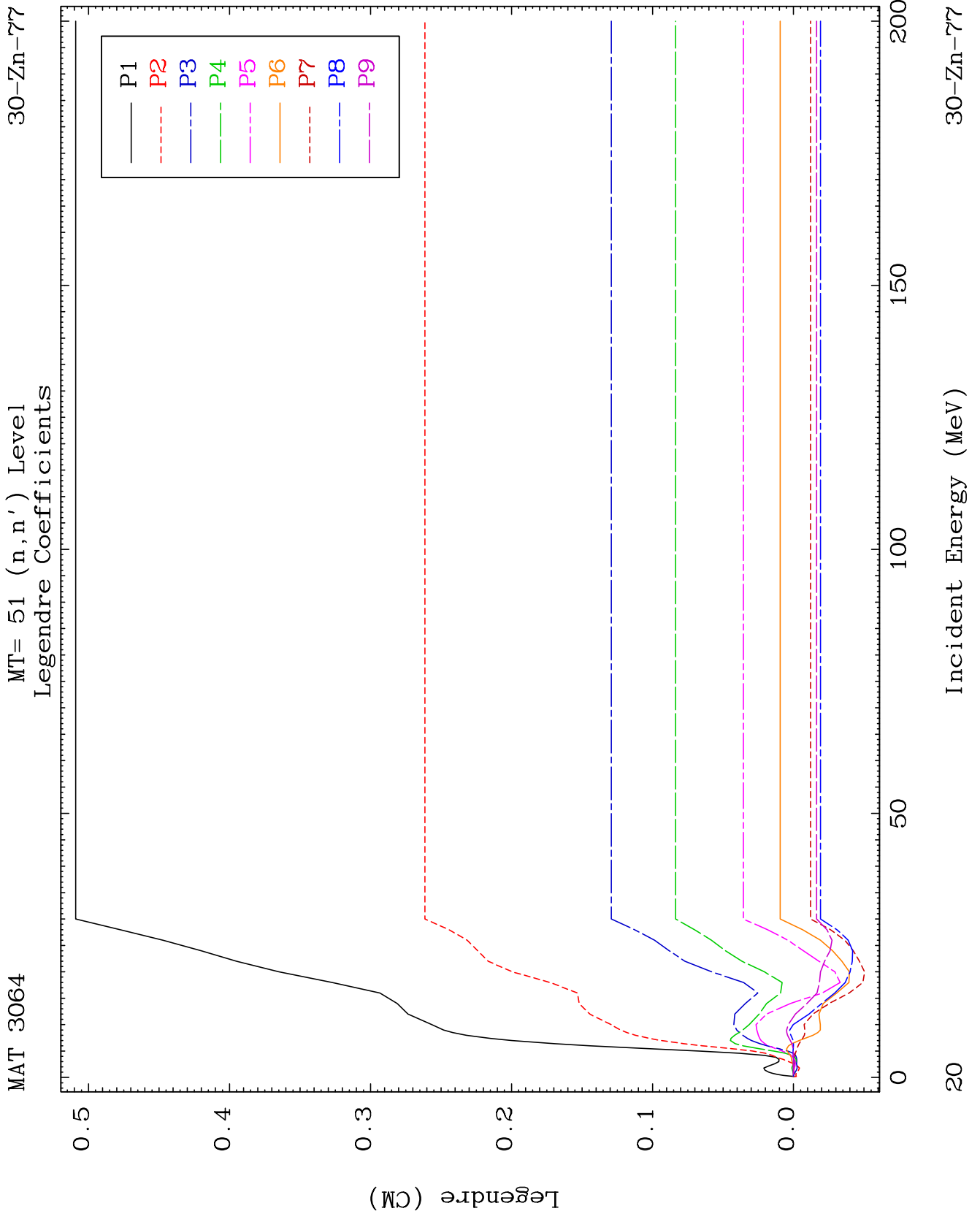


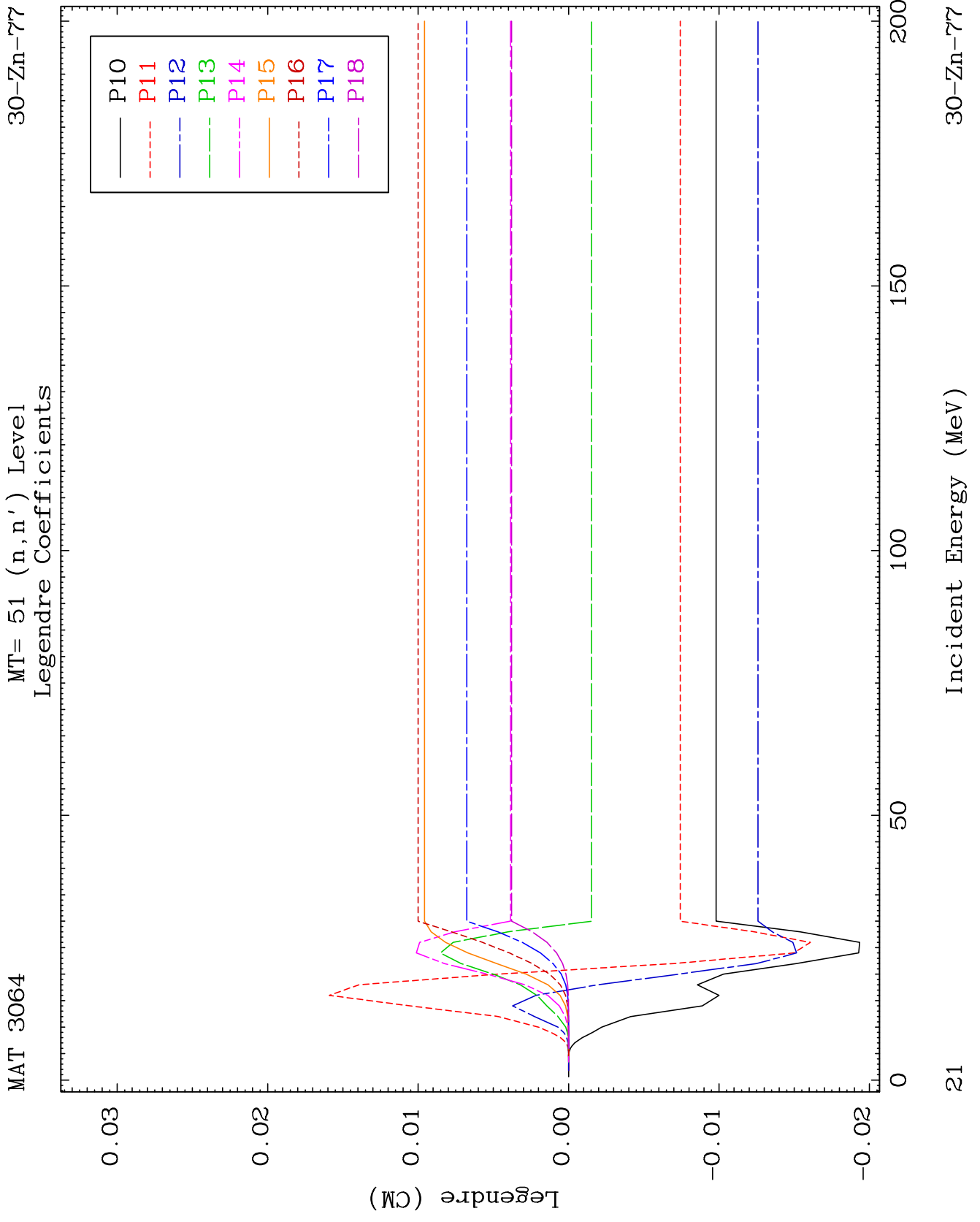
MAT 3064

30-Zn-77

Elastic Legendre Coefficients



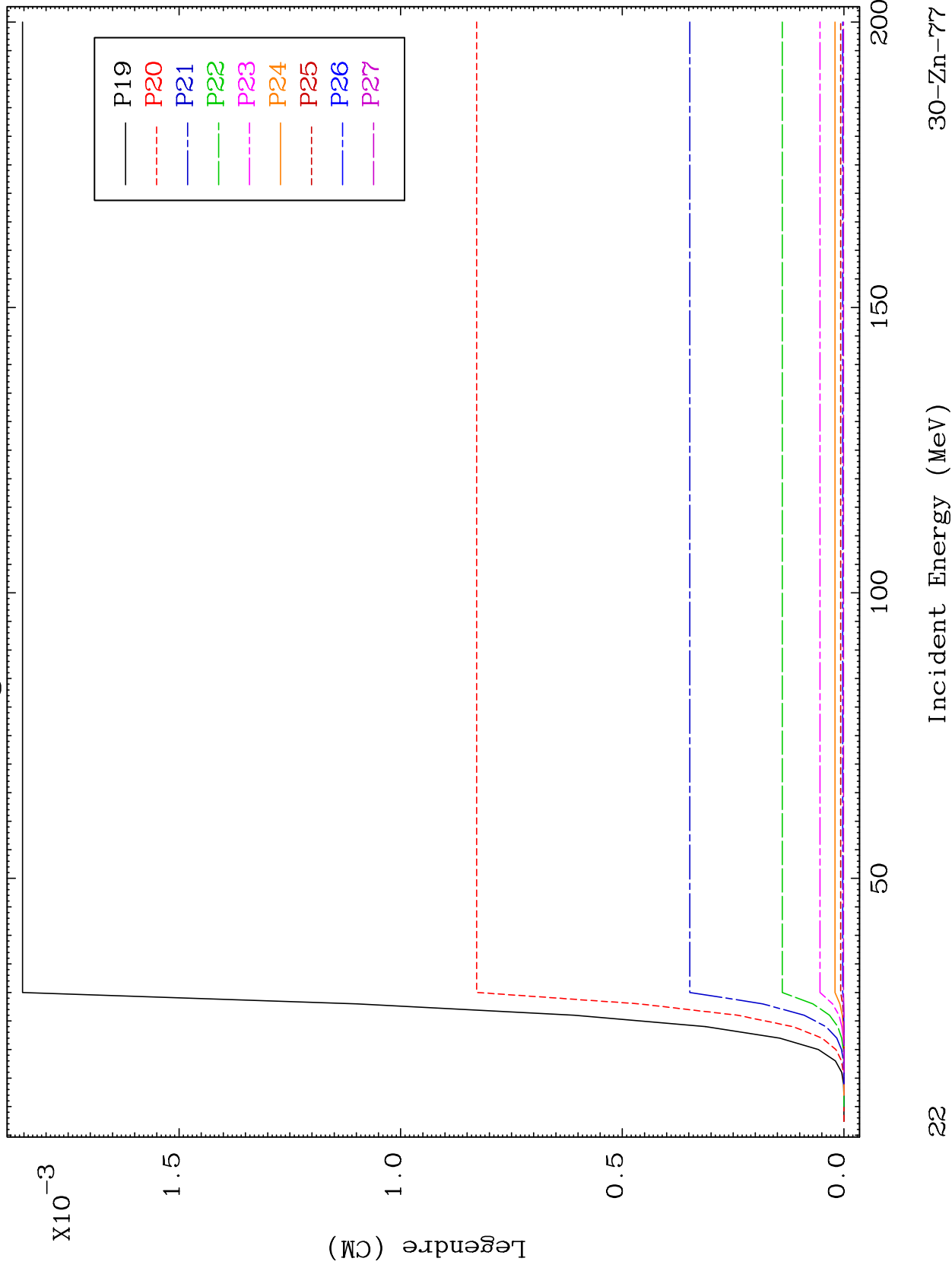




MAT 3064

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

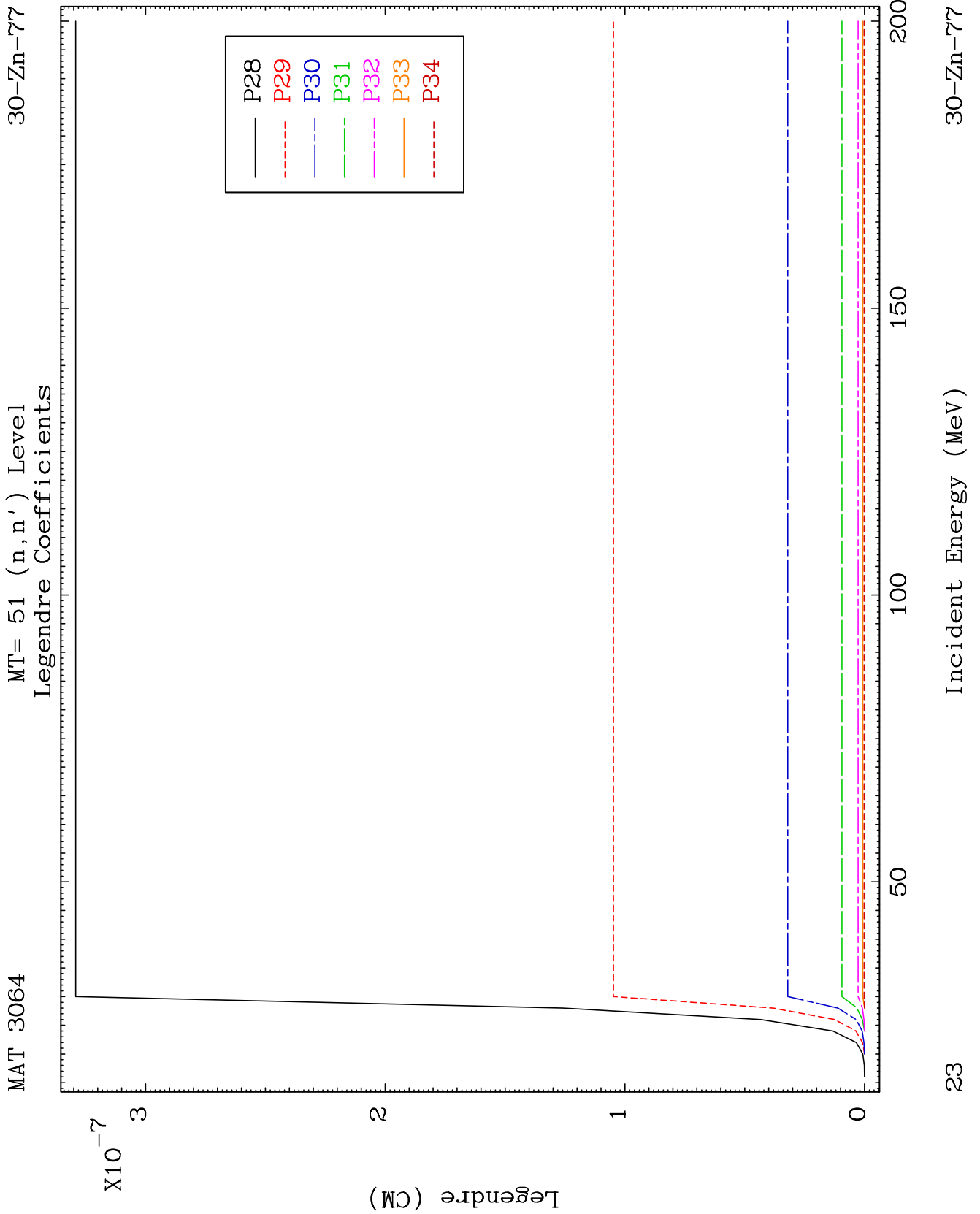
30-Zn-77

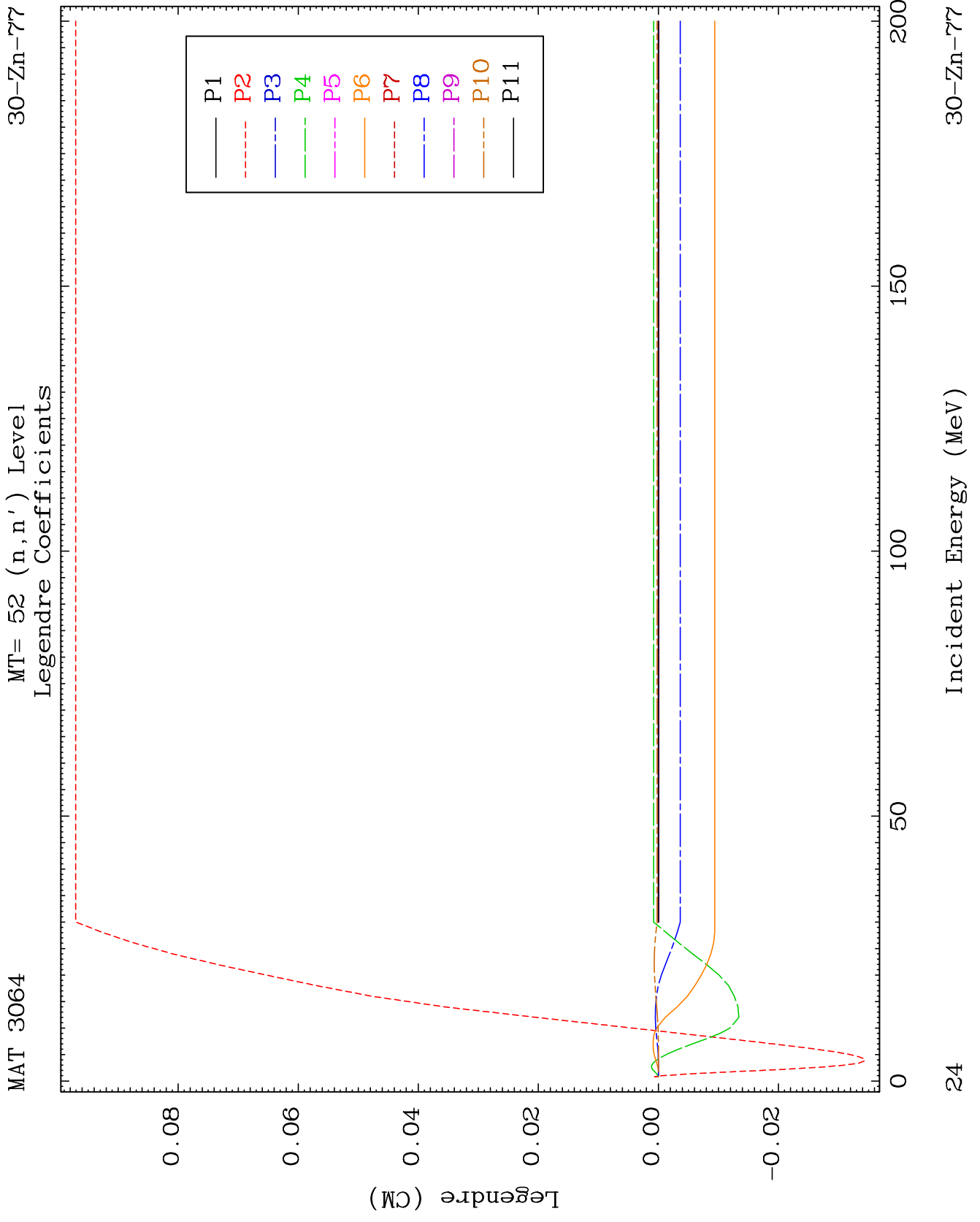


22

Incident Energy (MeV)

30-Zn-77

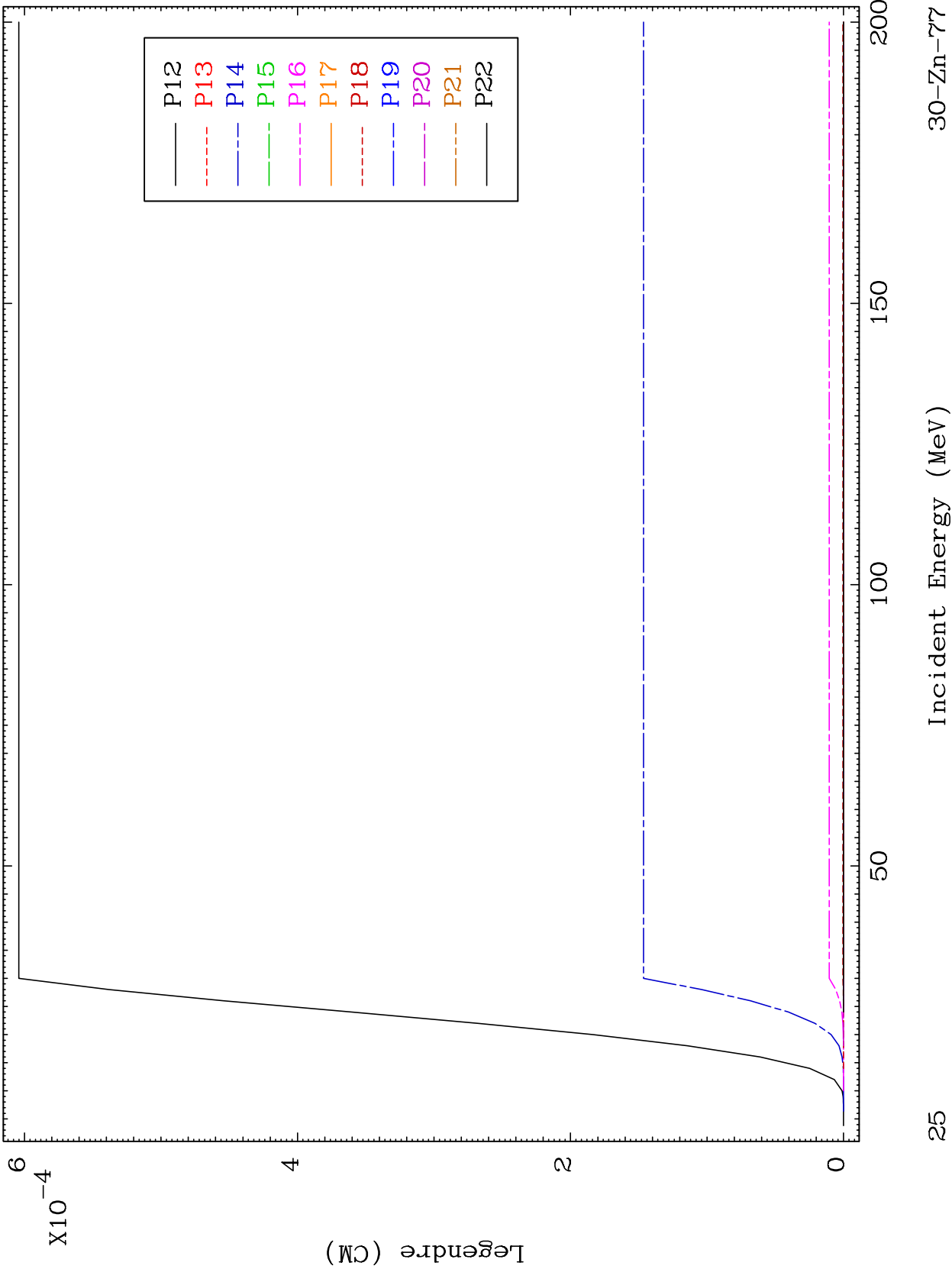




MAT 3064

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

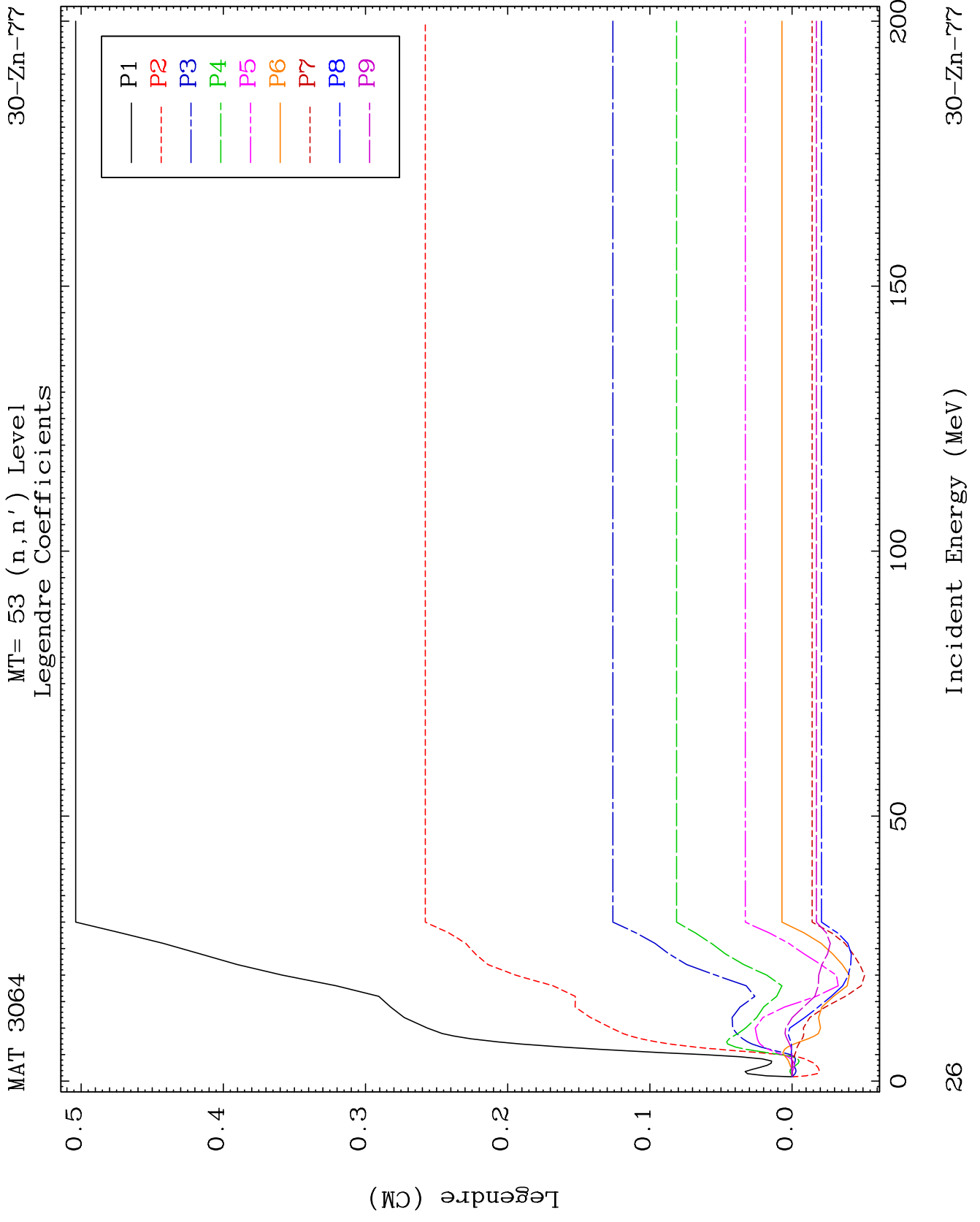
30-Zn-77



25

Incident Energy (MeV)

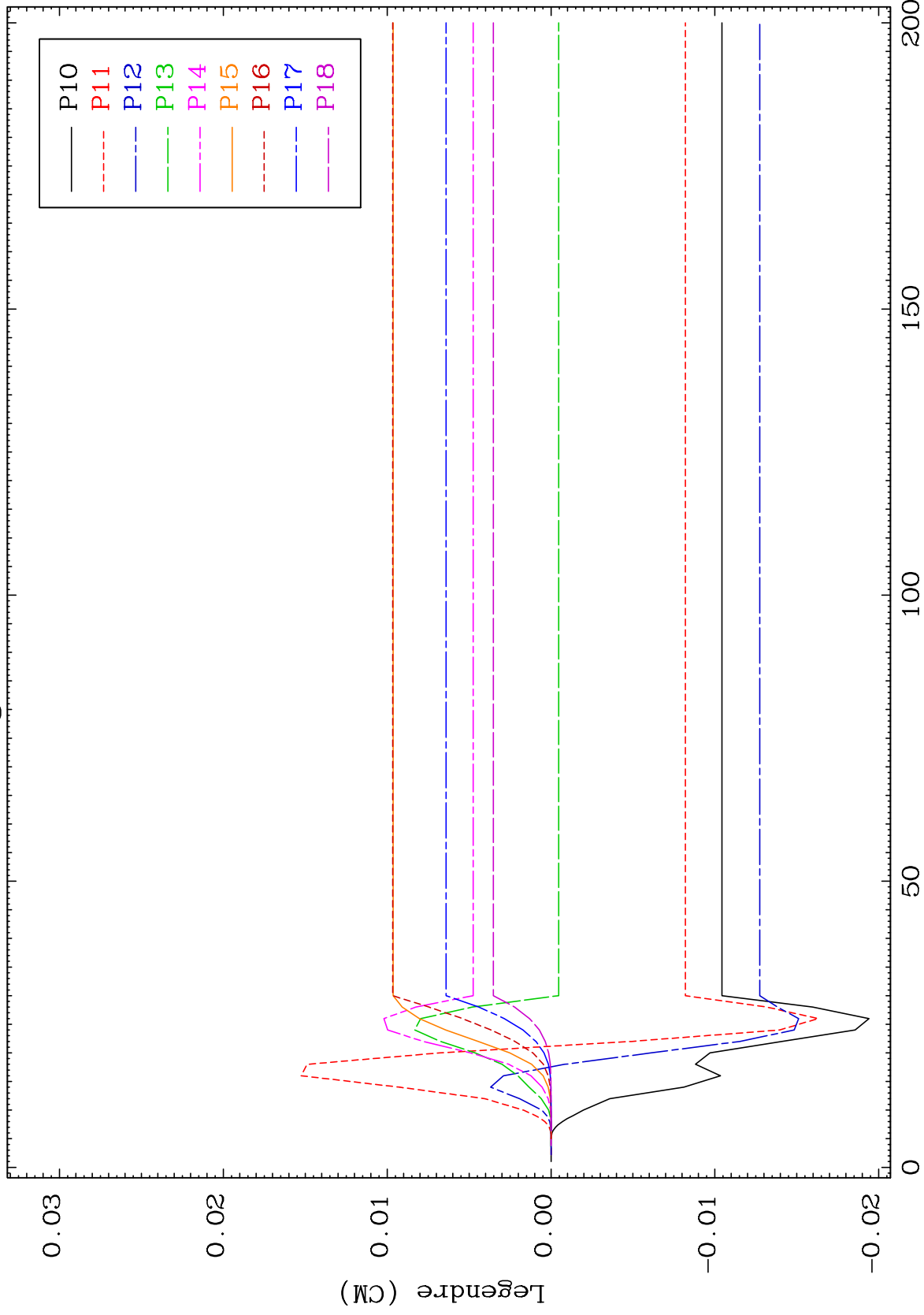
30-Zn-77



MAT 3064

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

30-Zn-77



27

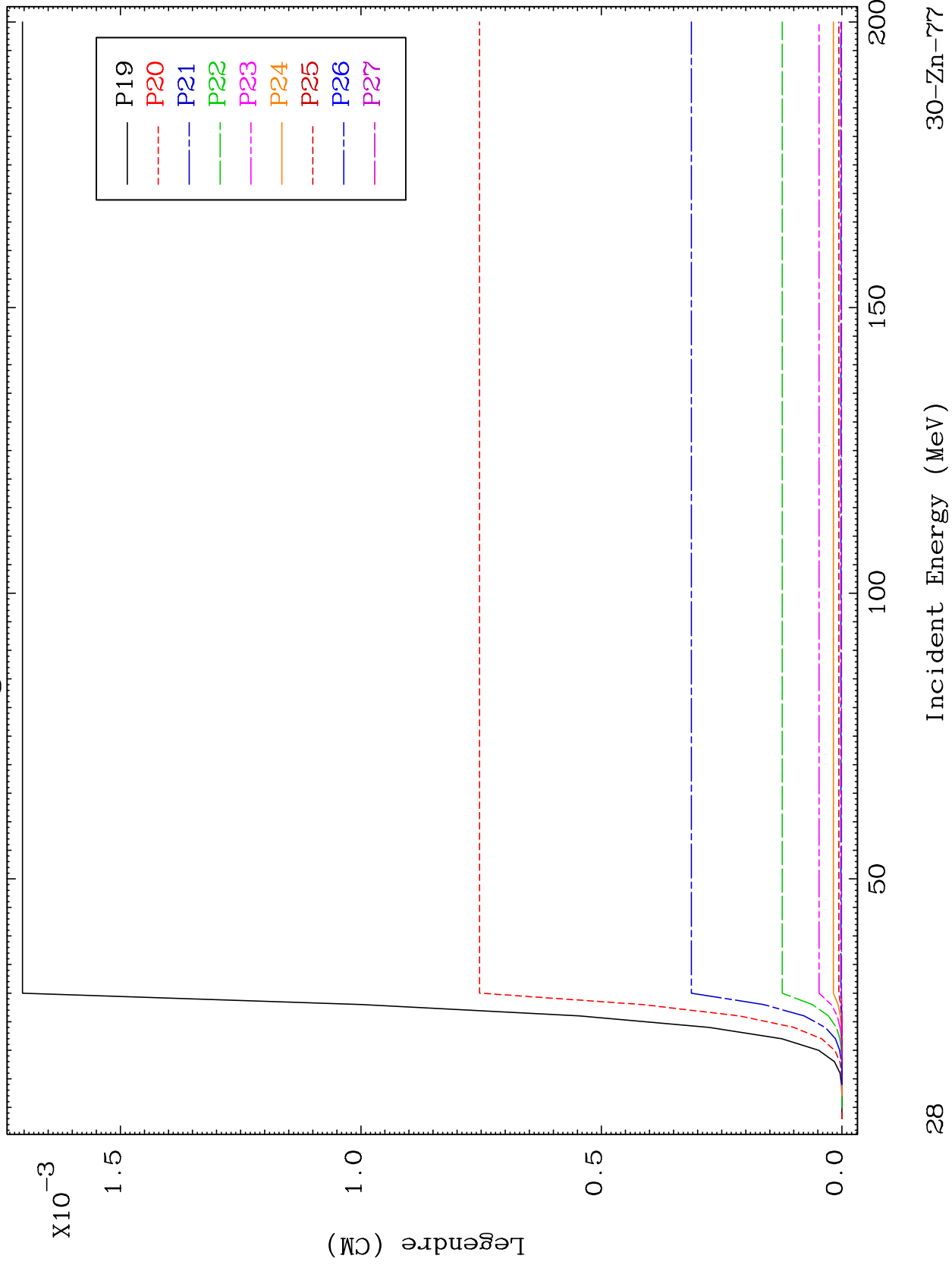
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



28

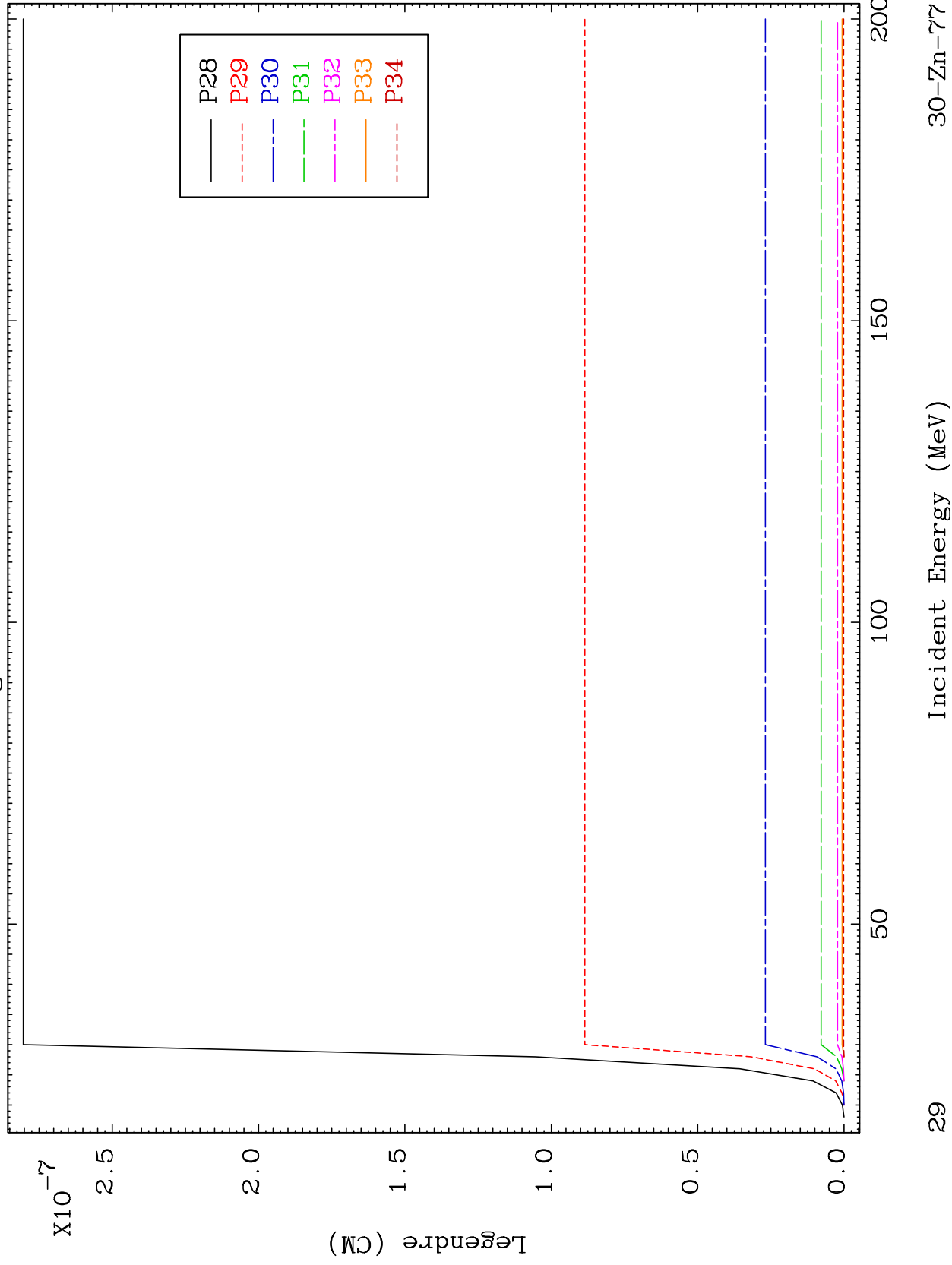
Incident Energy (MeV)

30-Zn-77

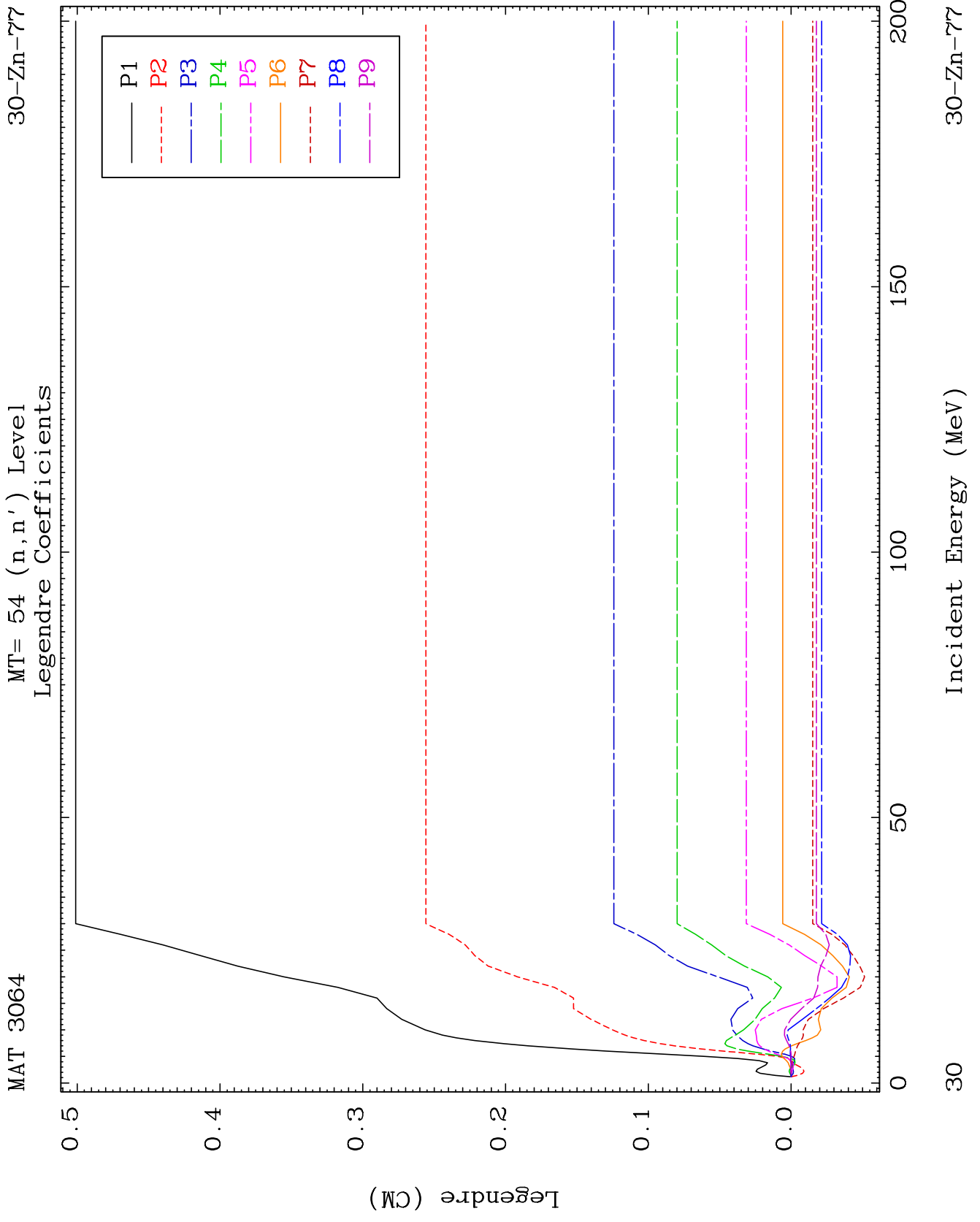
MAT 3064

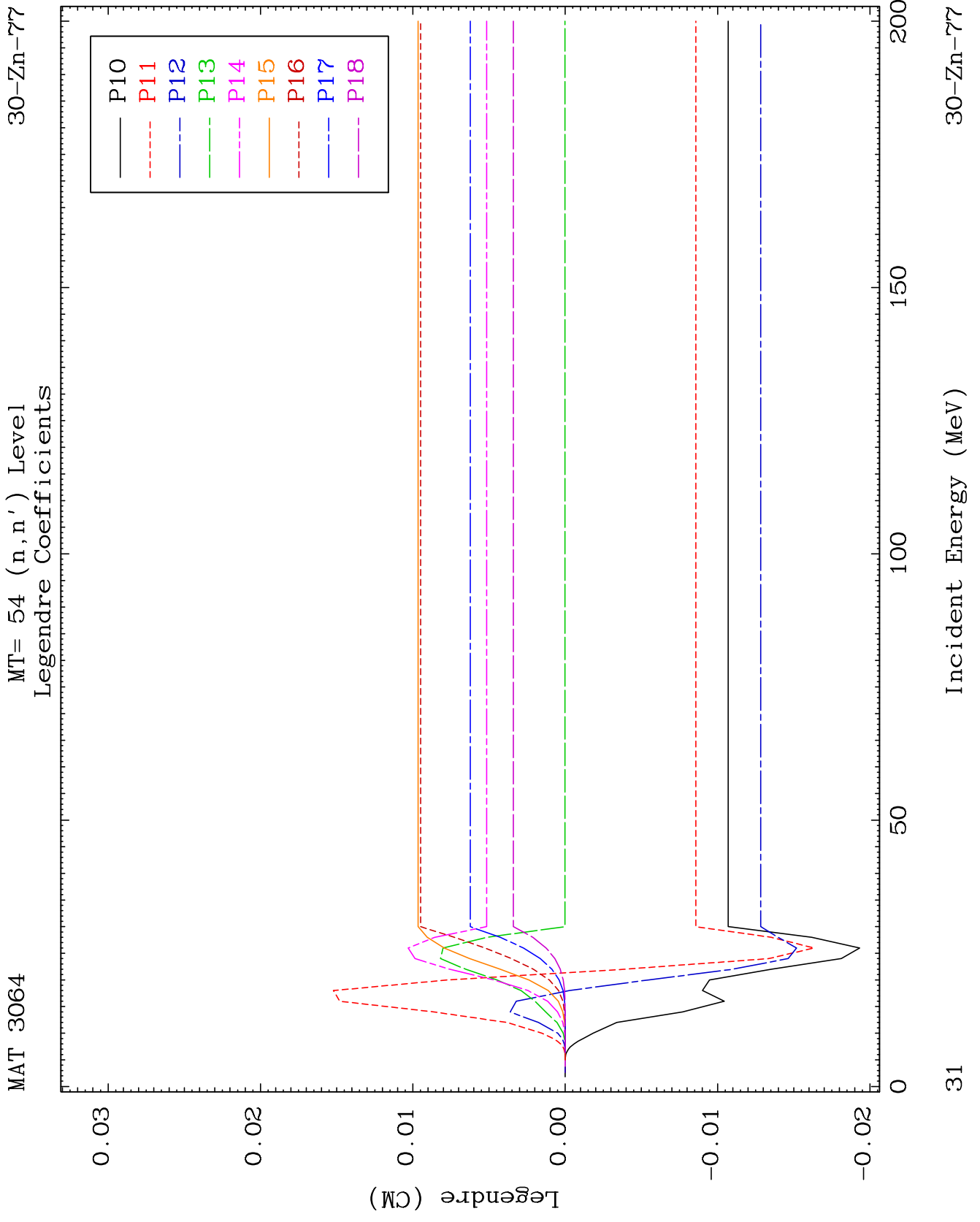
MT= 53 (n,n') Level
Legendre Coefficients

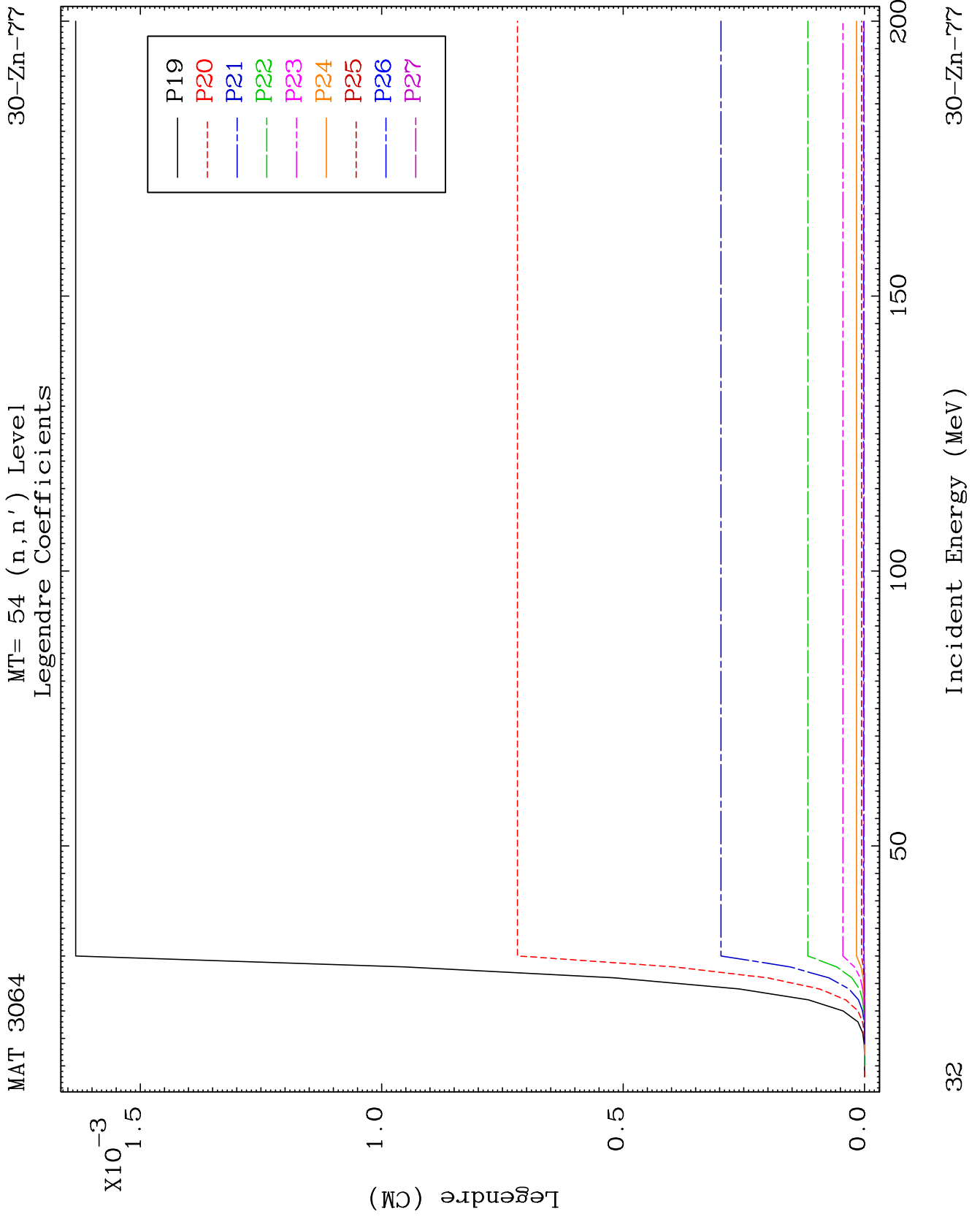
30-Zn-77



29



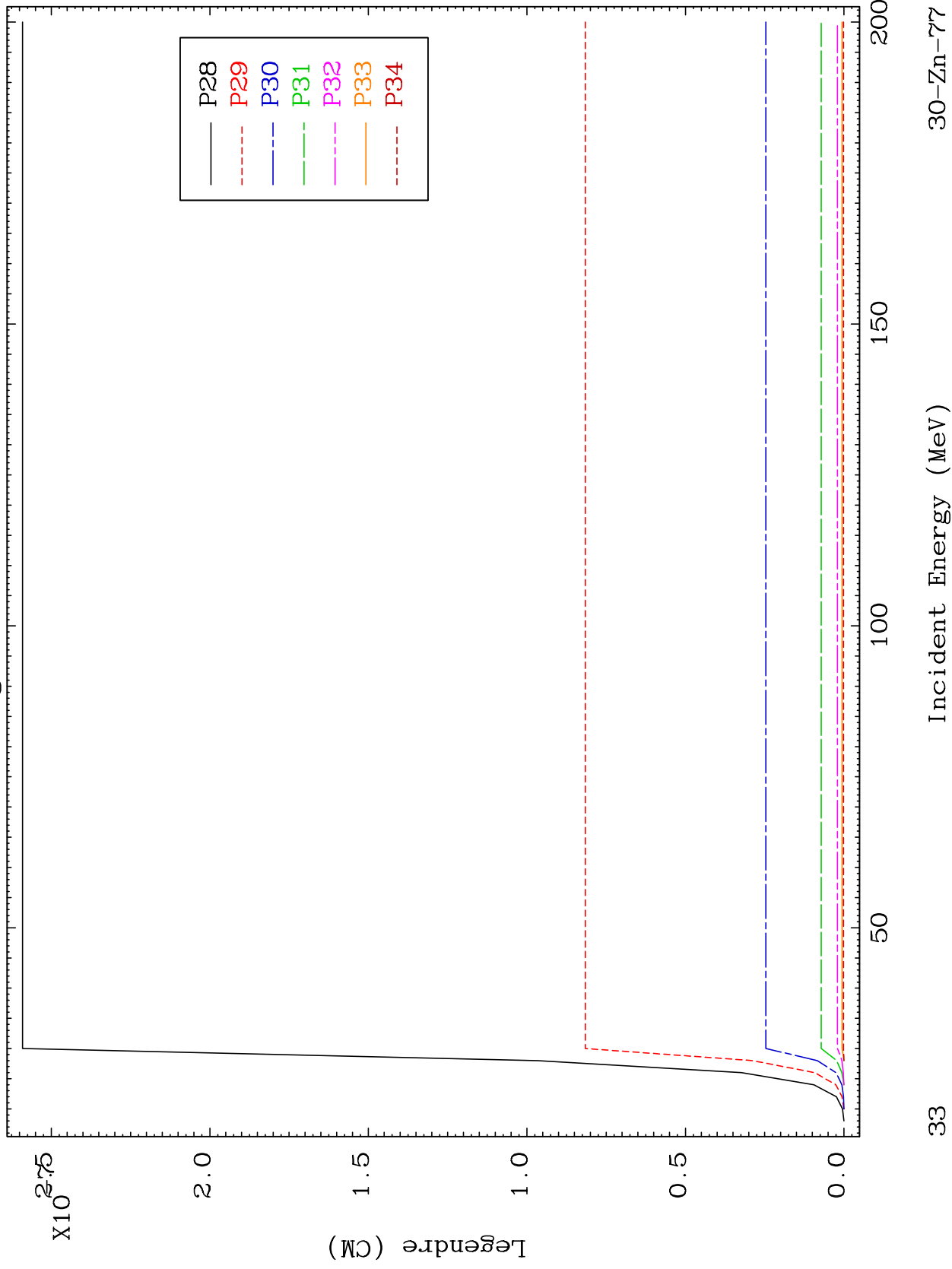




MAT 3064

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

30-Zn-77



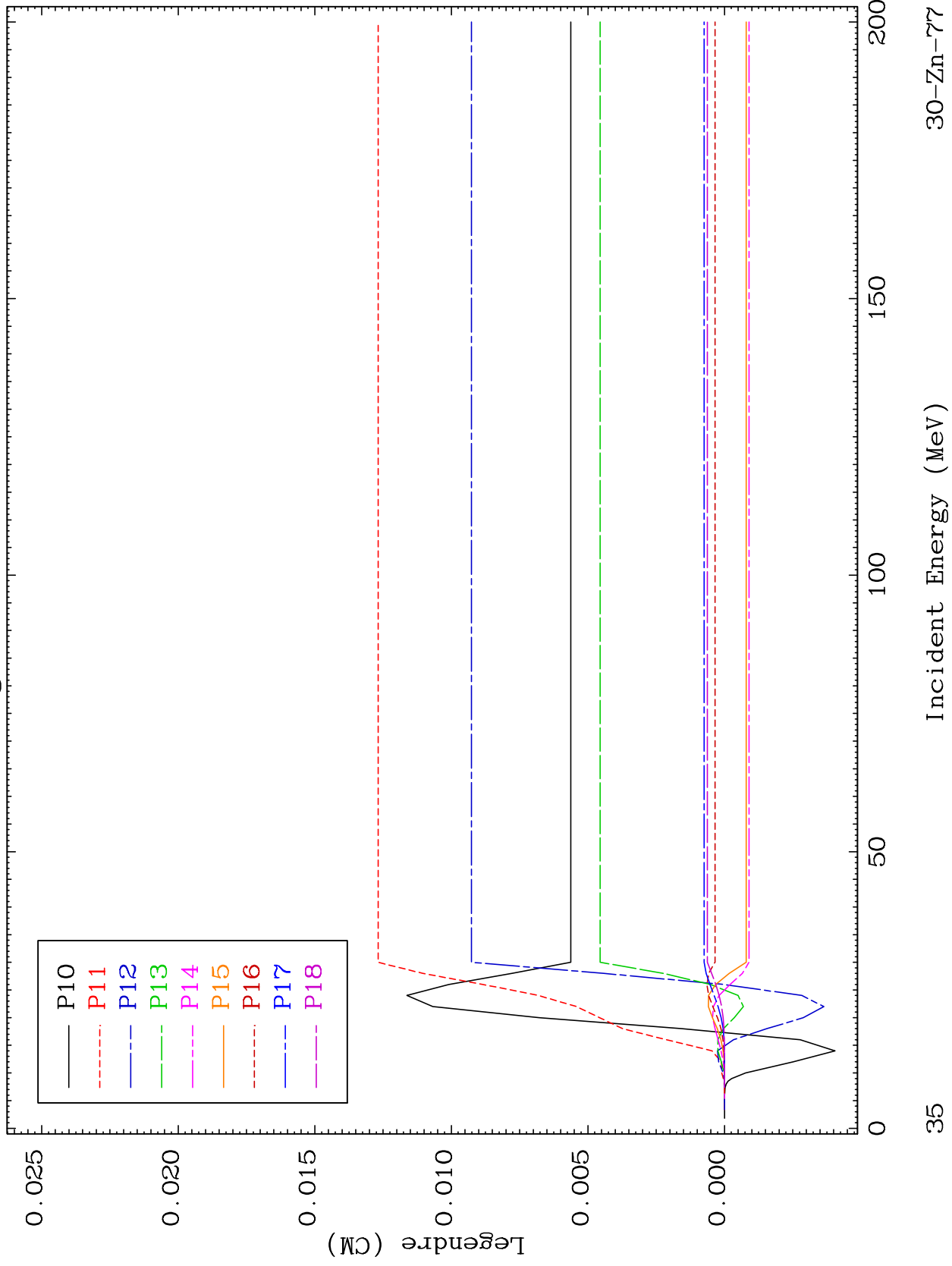
33

30-Zn-77

MAT 3064

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

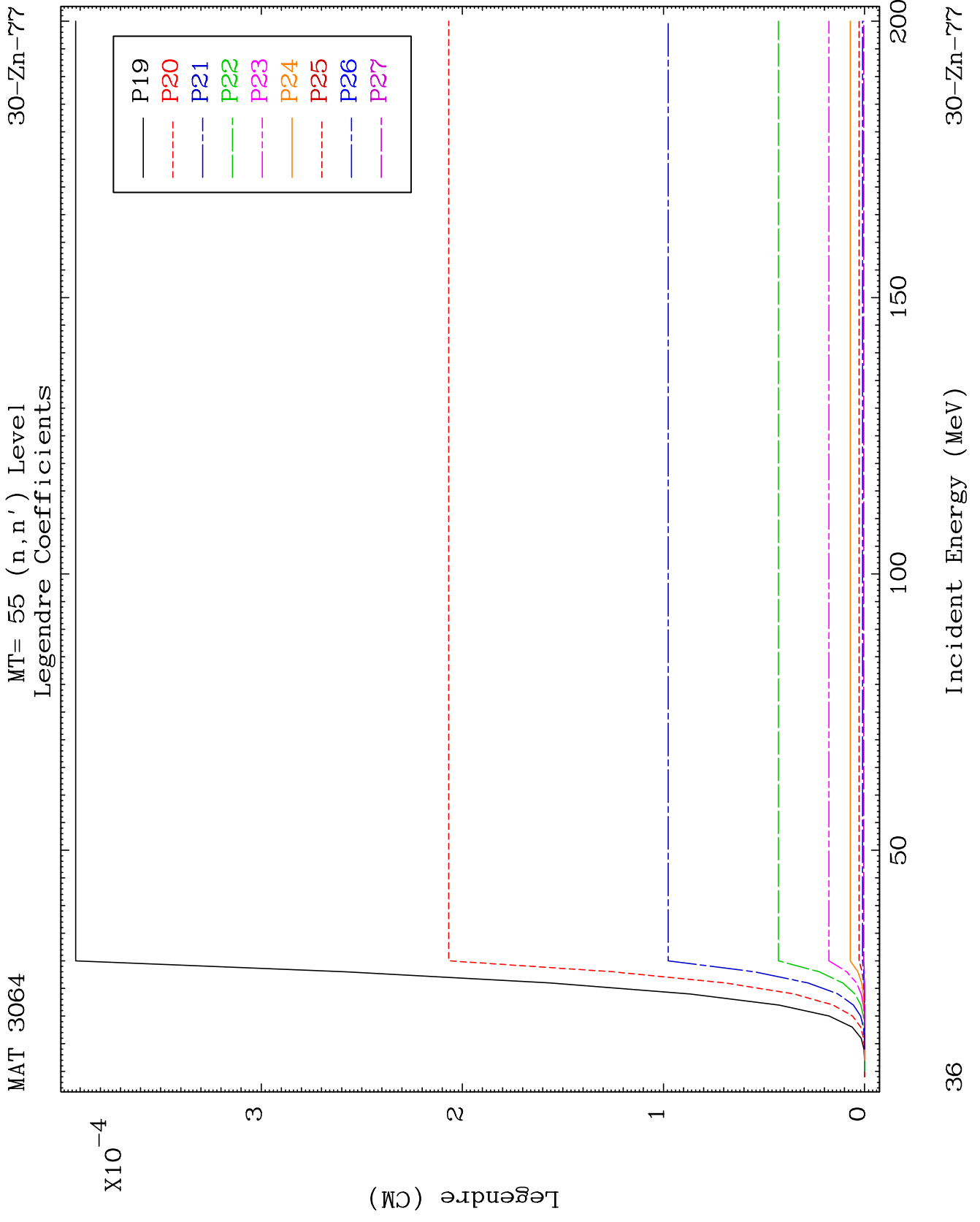
30-Zn-77

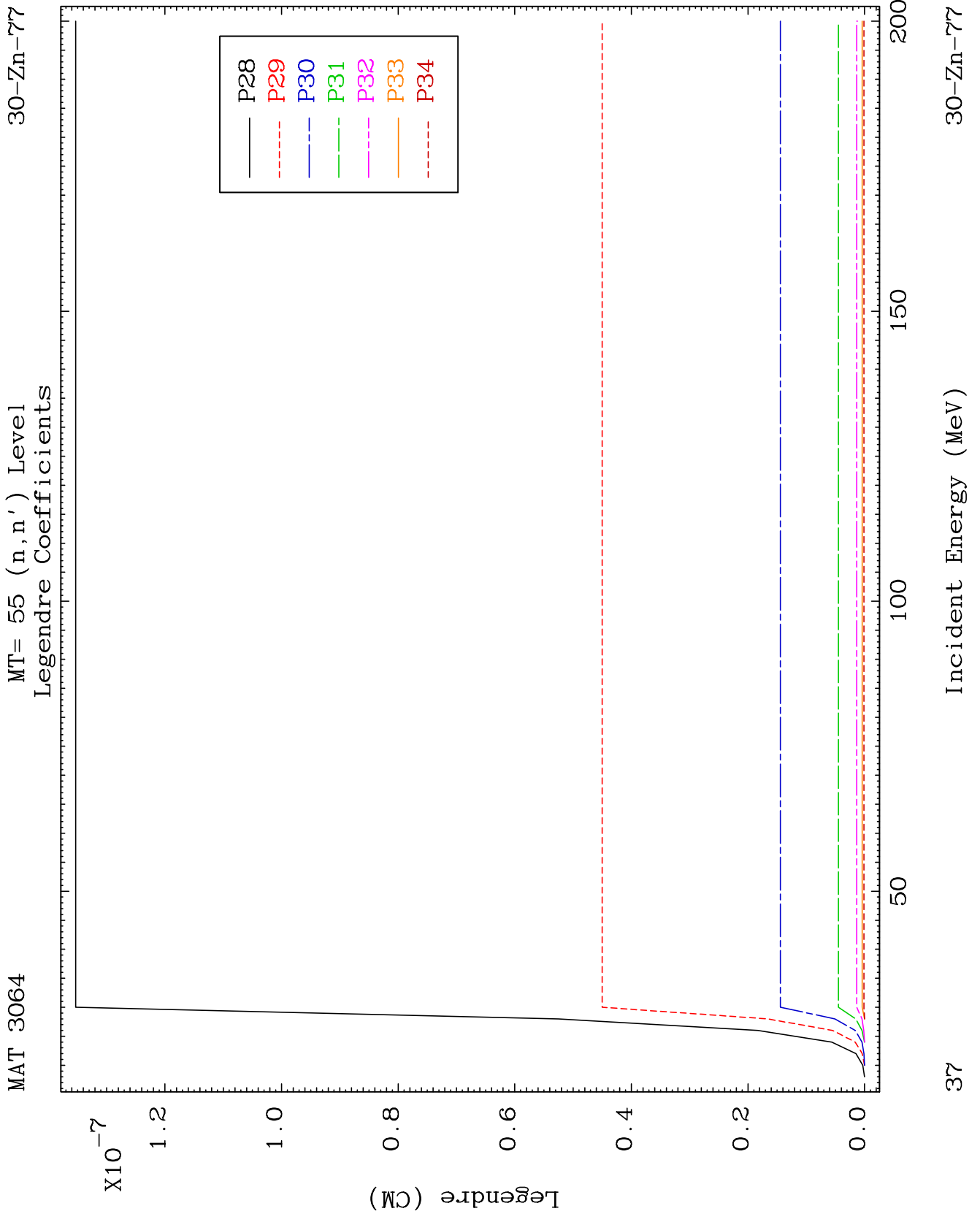


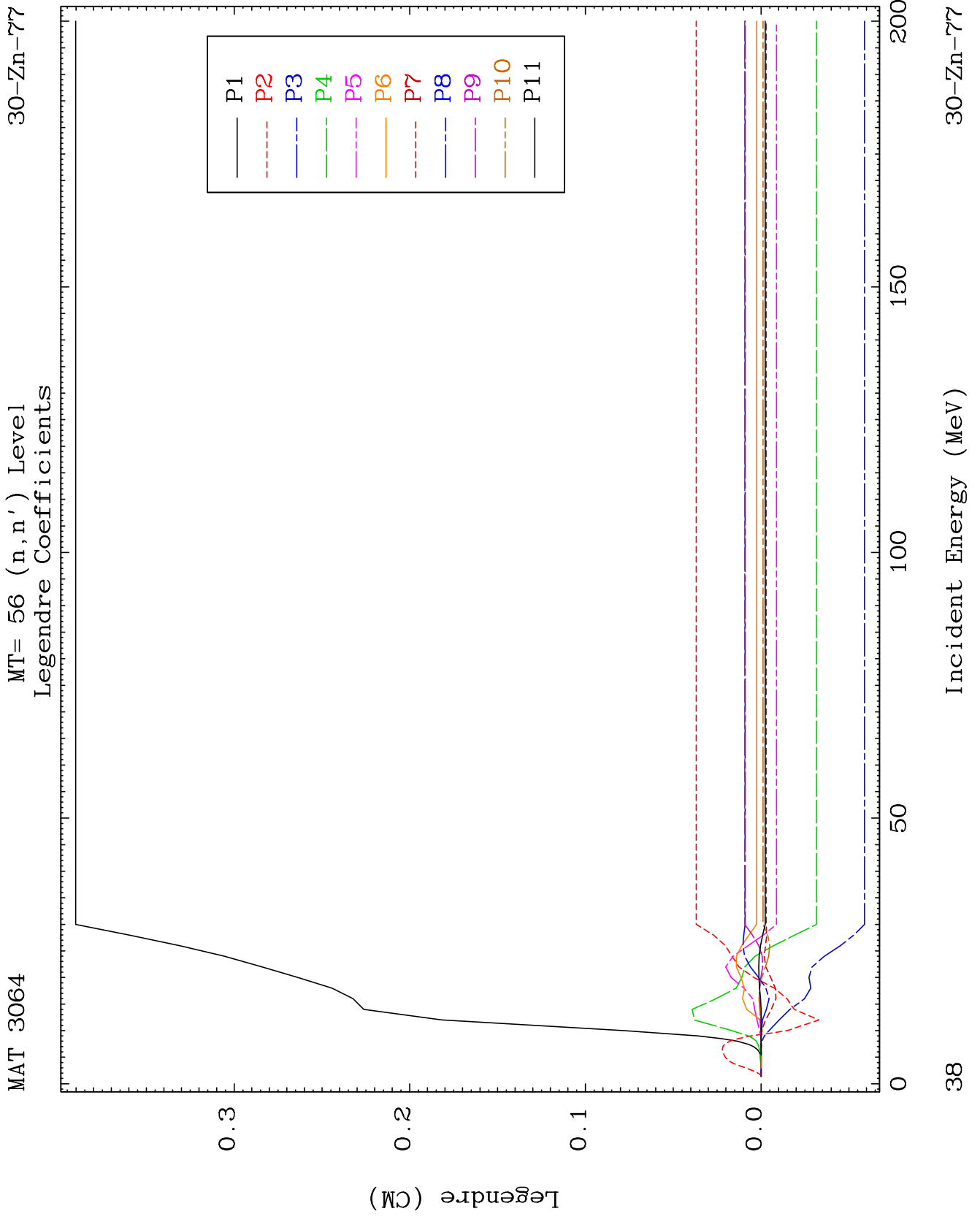
30-Zn-77

Incident Energy (MeV)

35



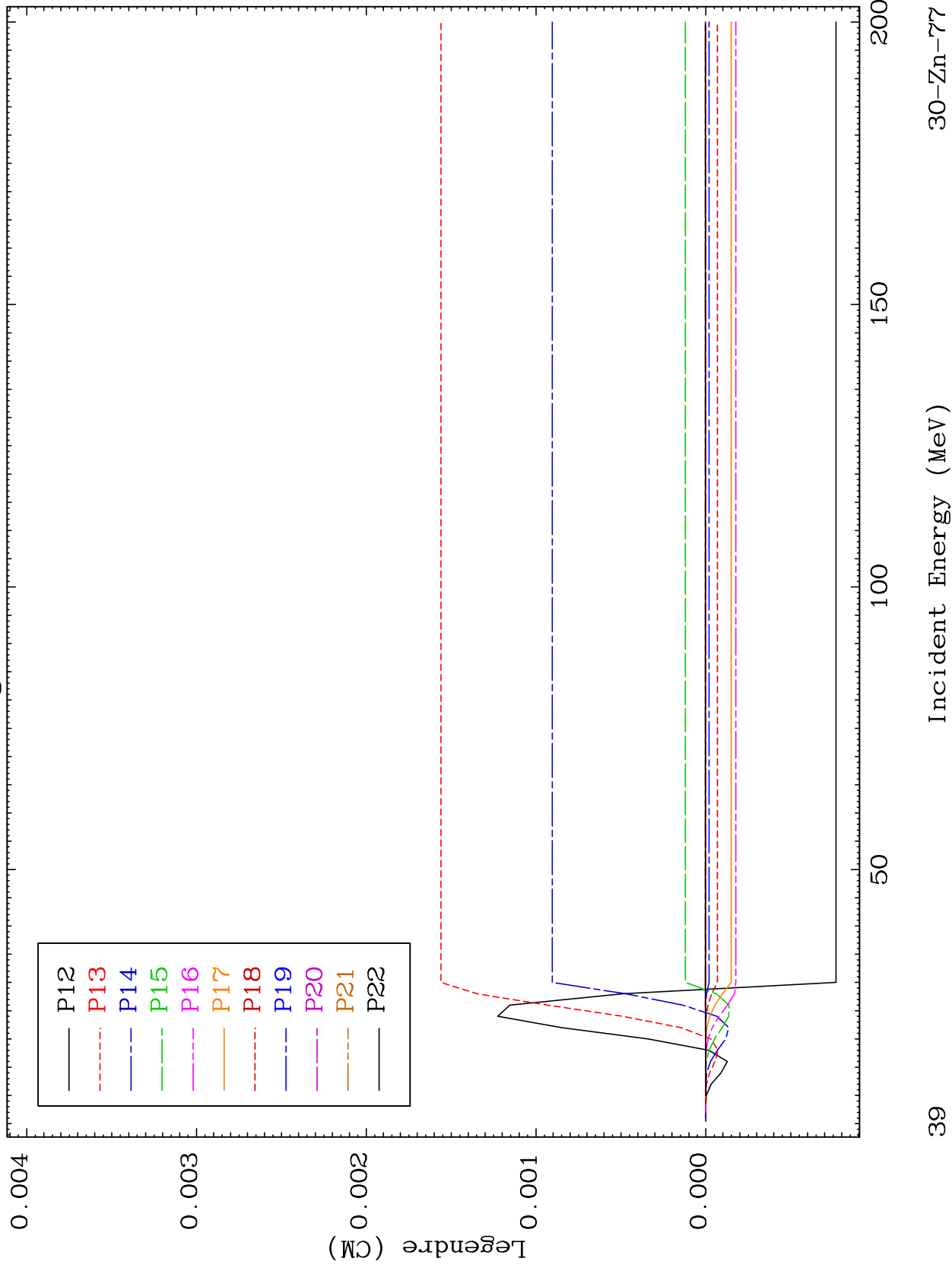


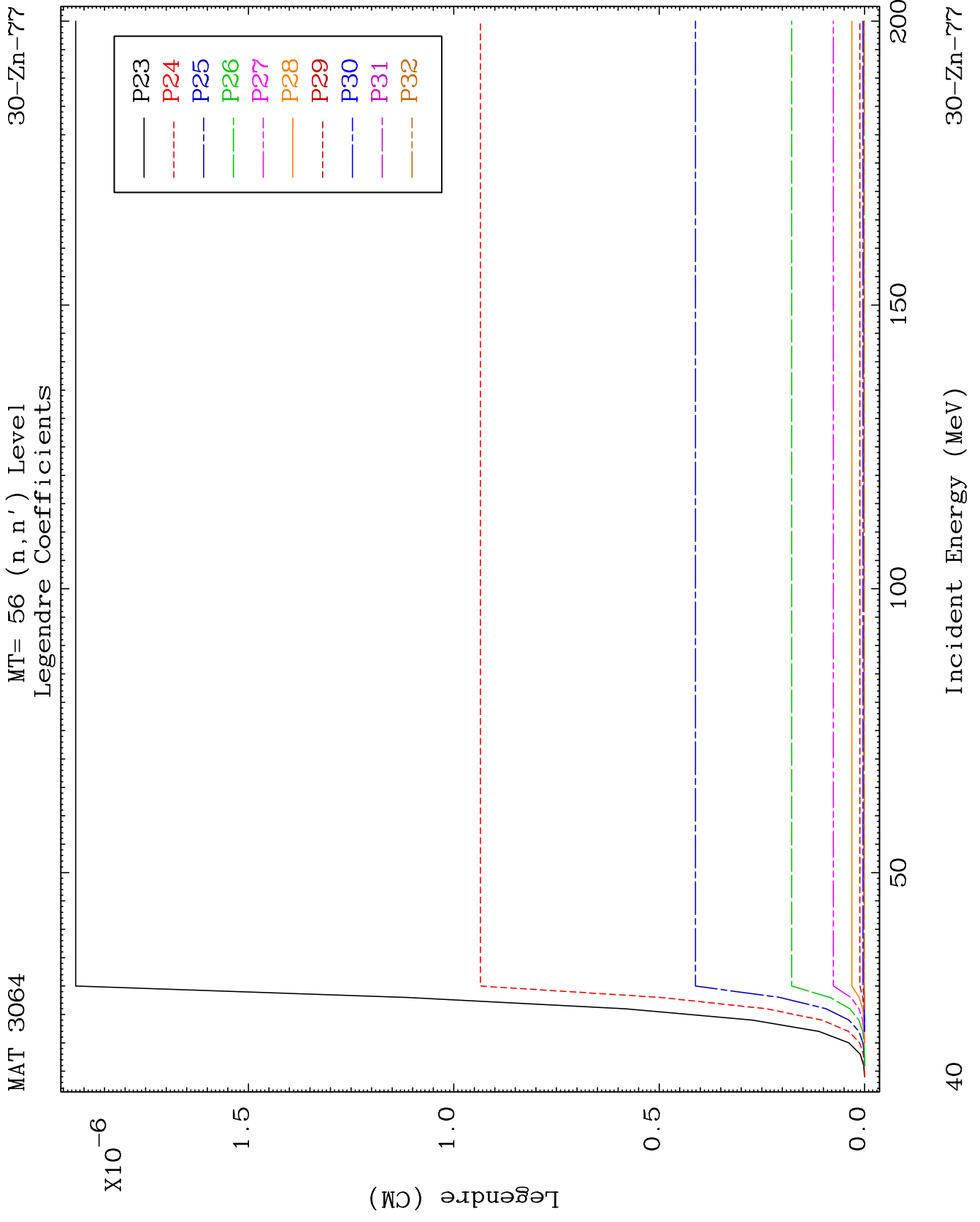


MAT 3064

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

30-Zn-77

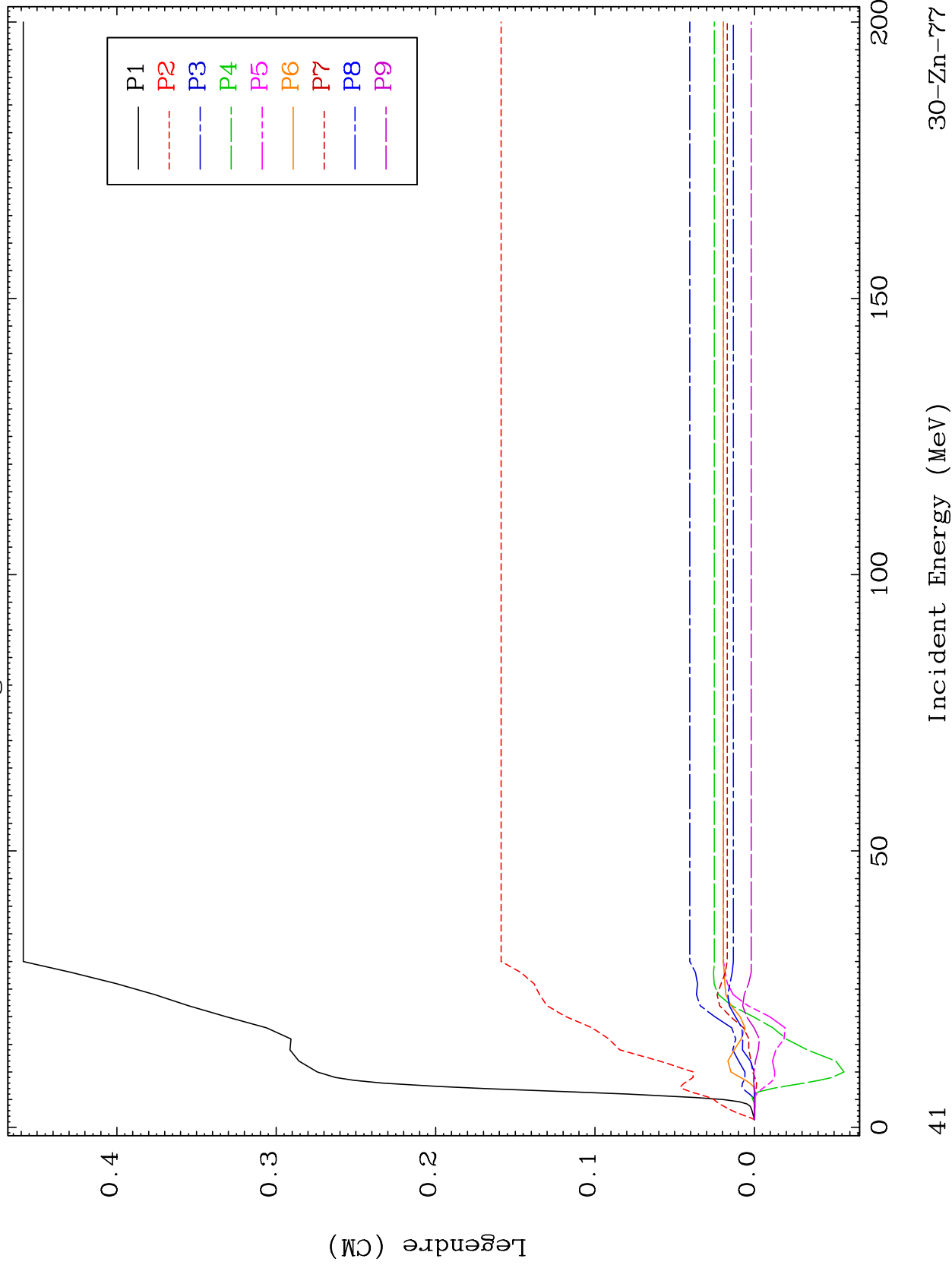




MAT 3064

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

30-Zn-77



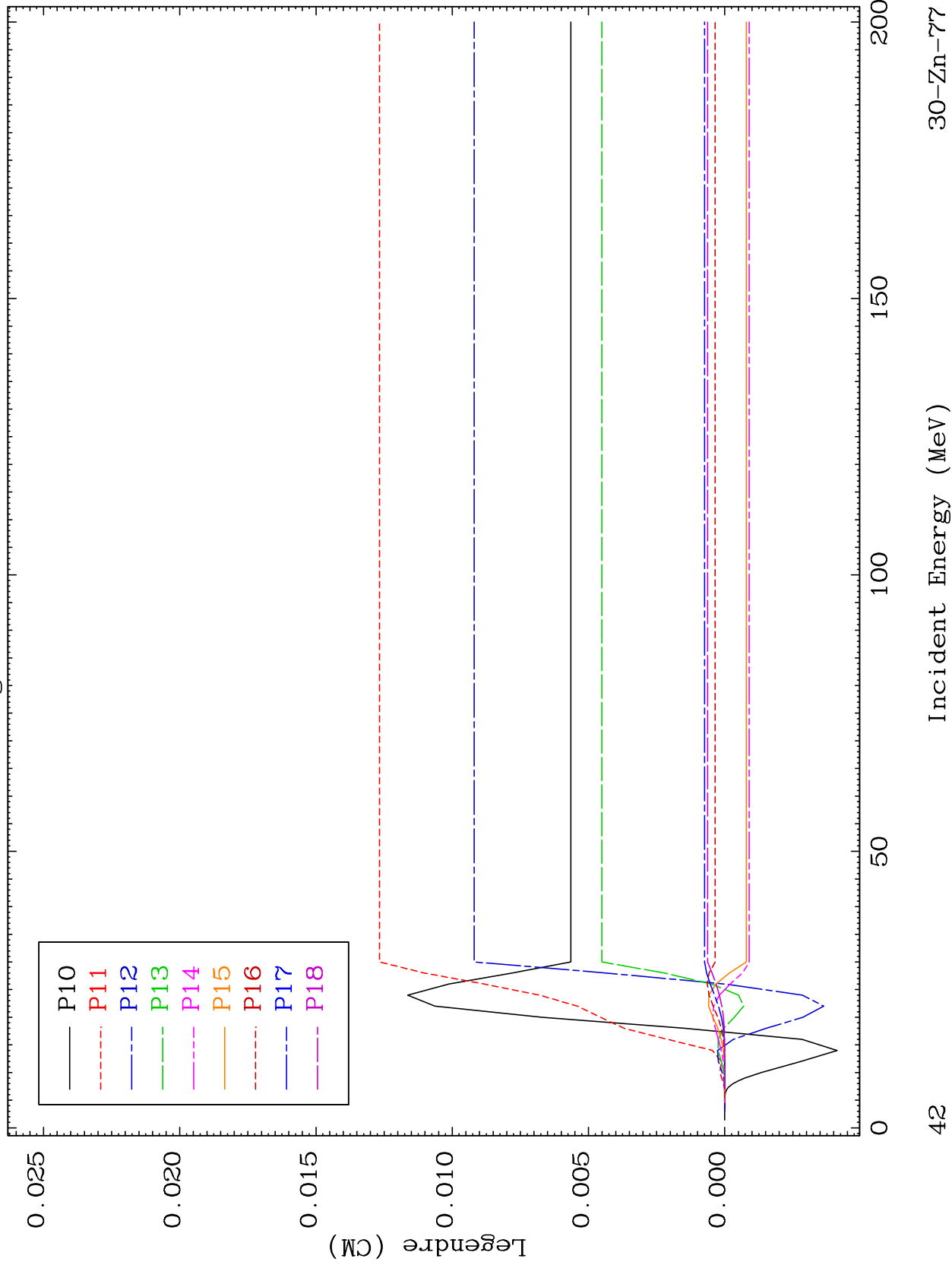
41

30-Zn-77

MAT 3064

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

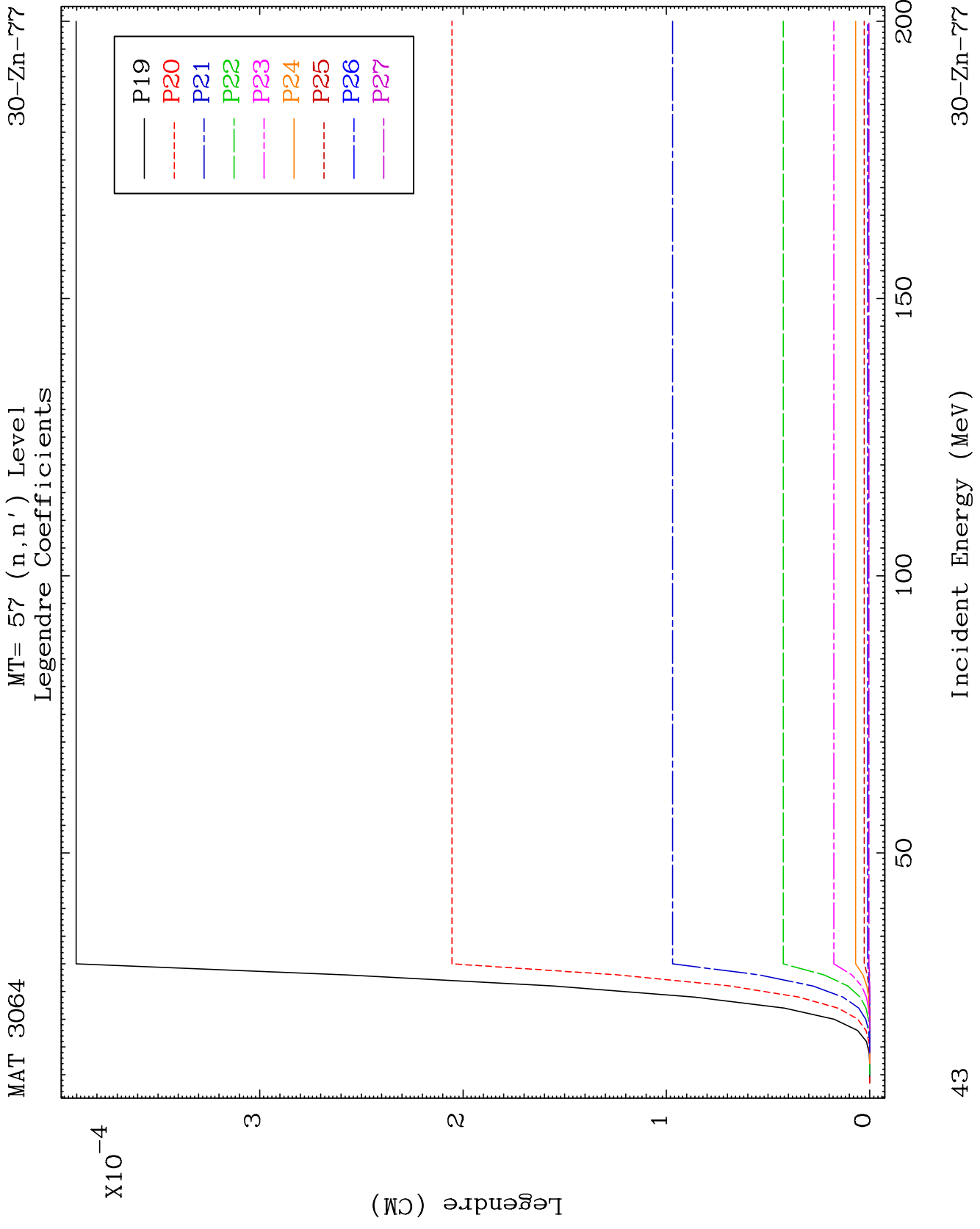
30-Zn-77

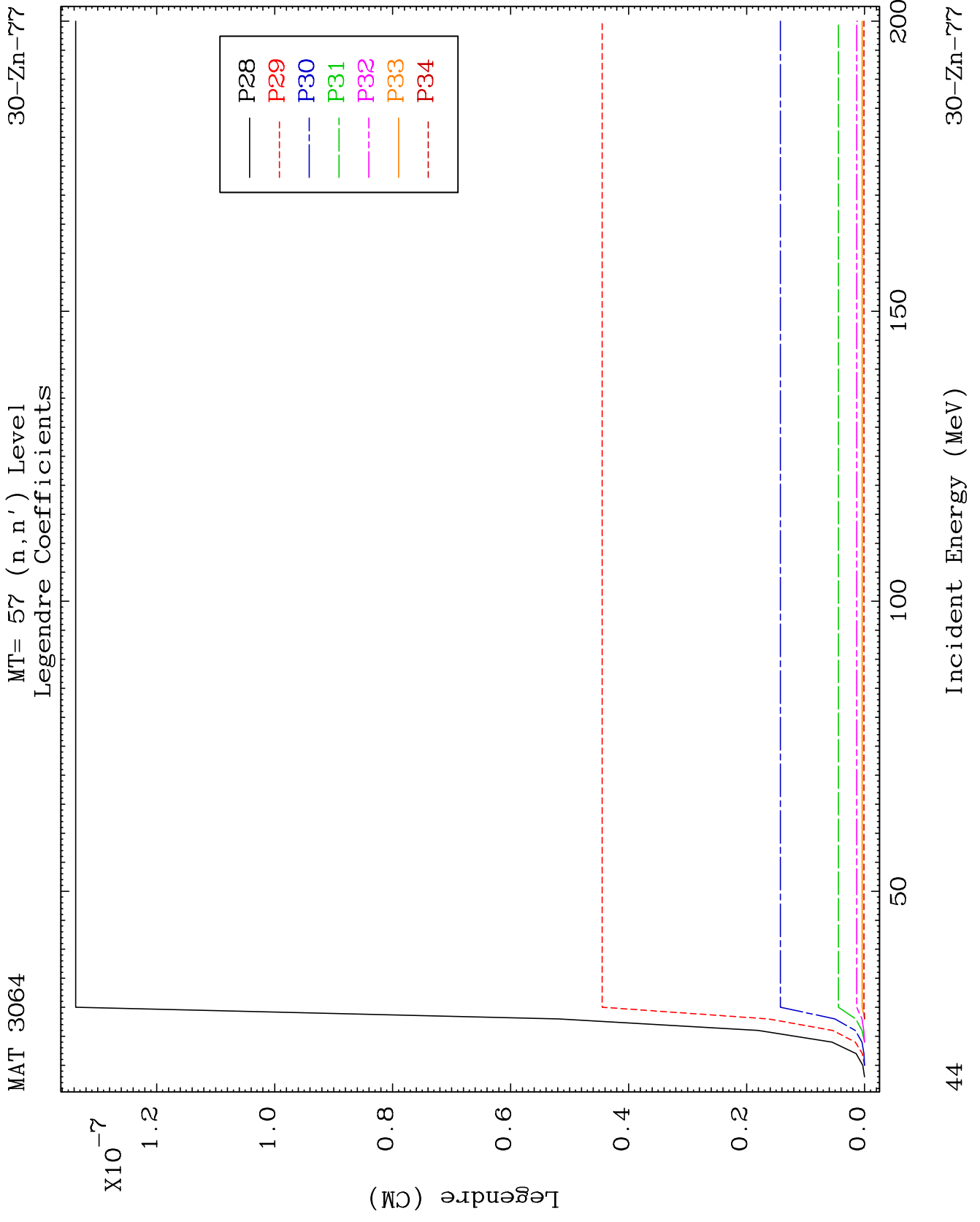


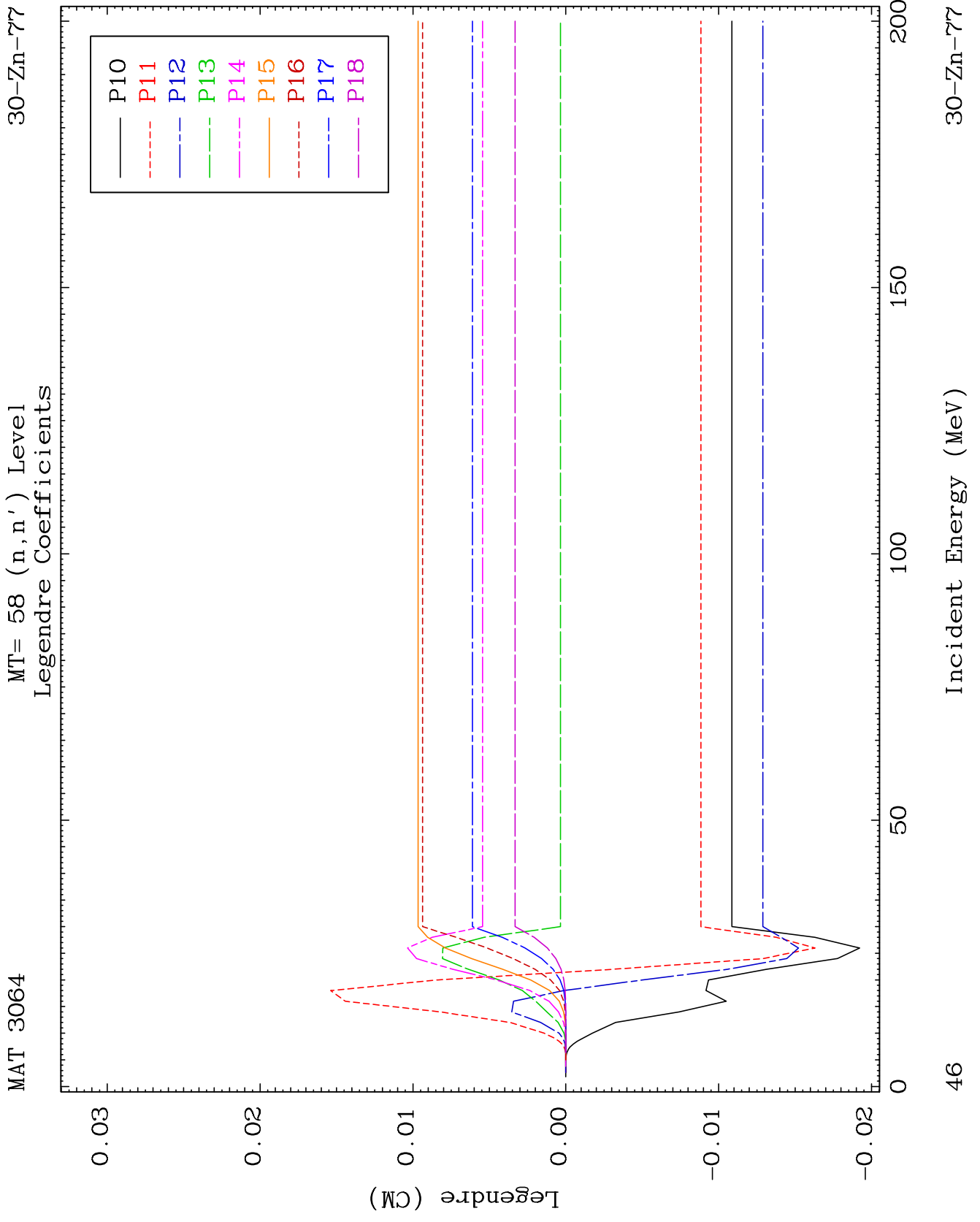
30-Zn-77

Incident Energy (MeV)

42



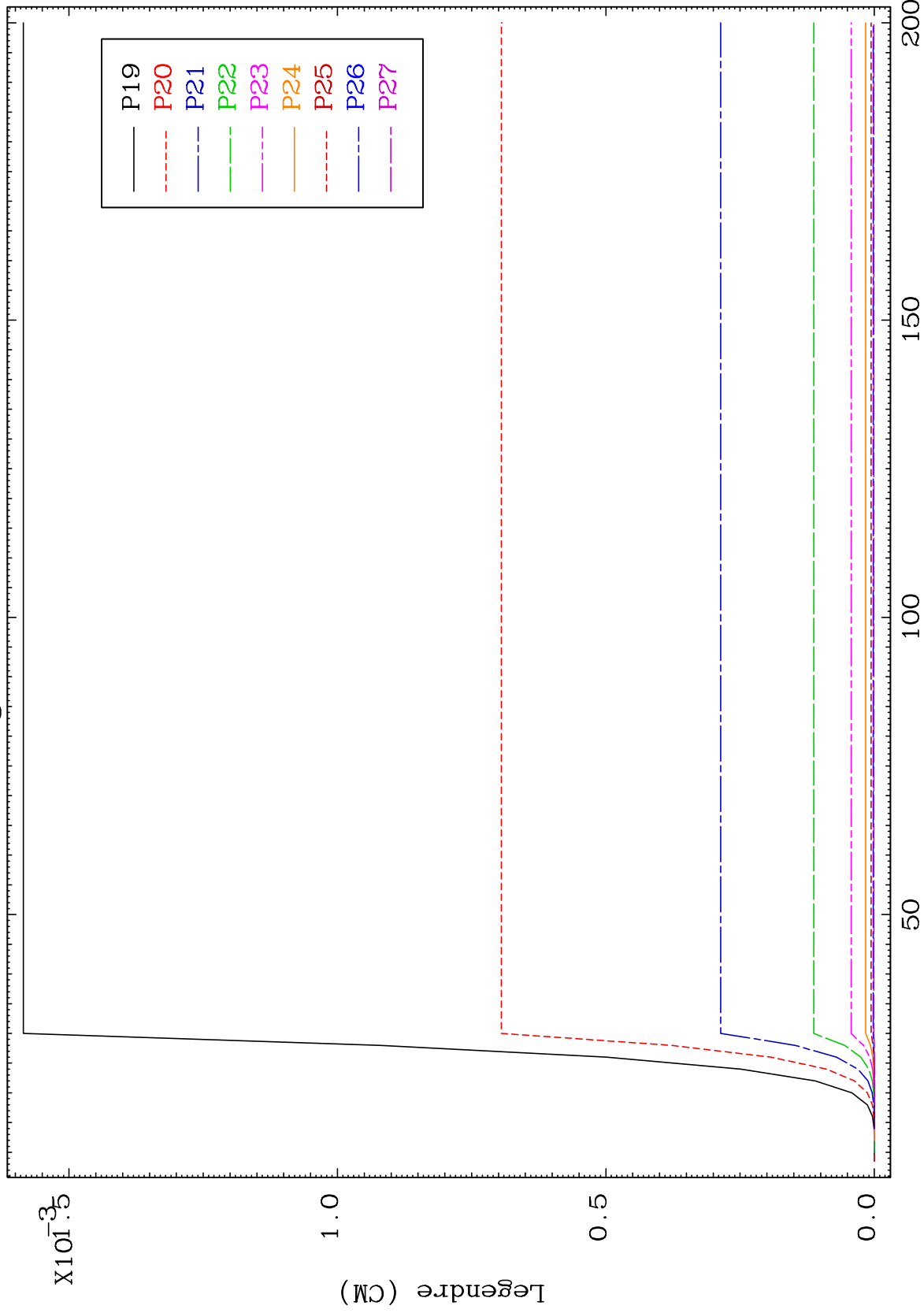




MAT 3064

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

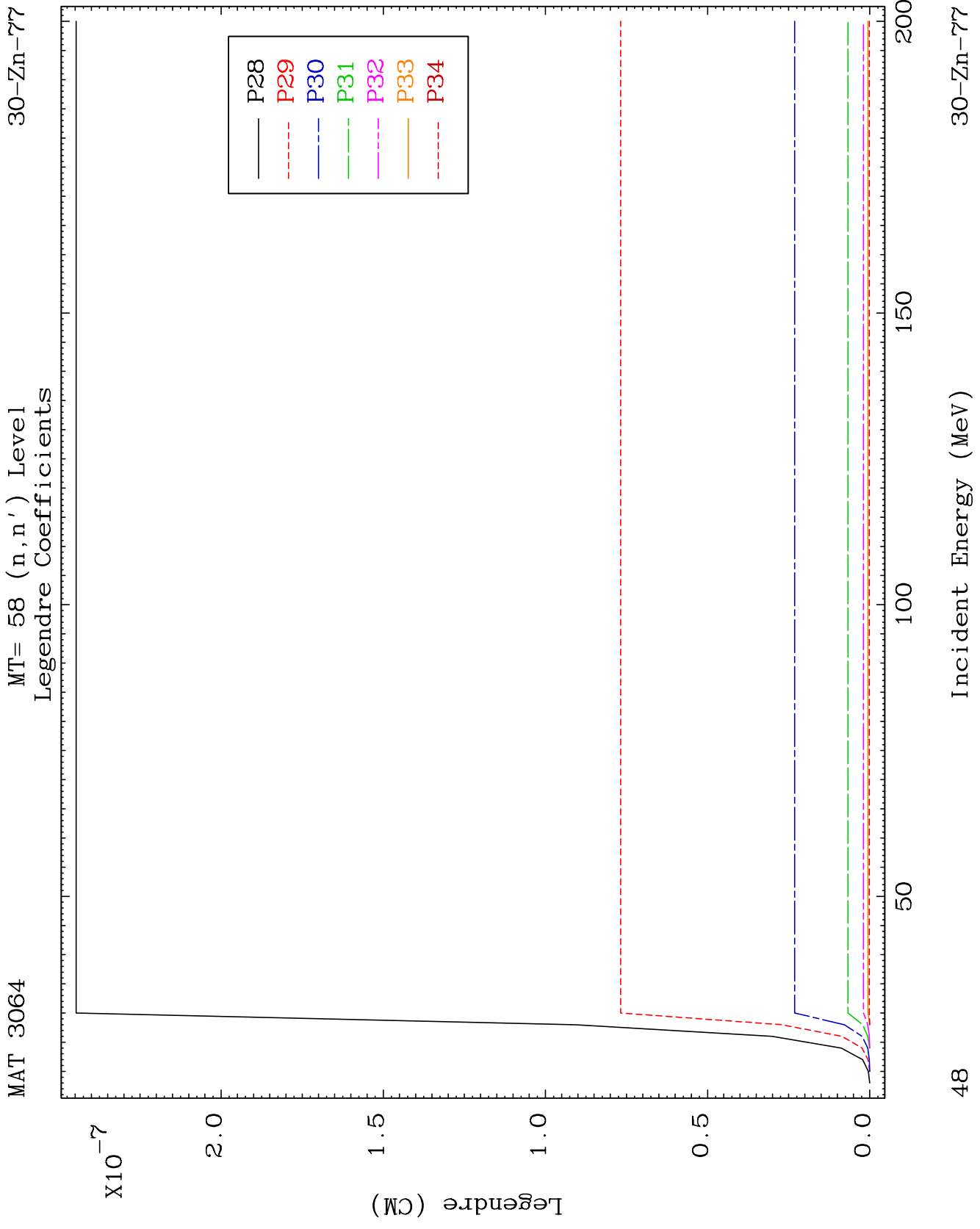
30-Zn-77

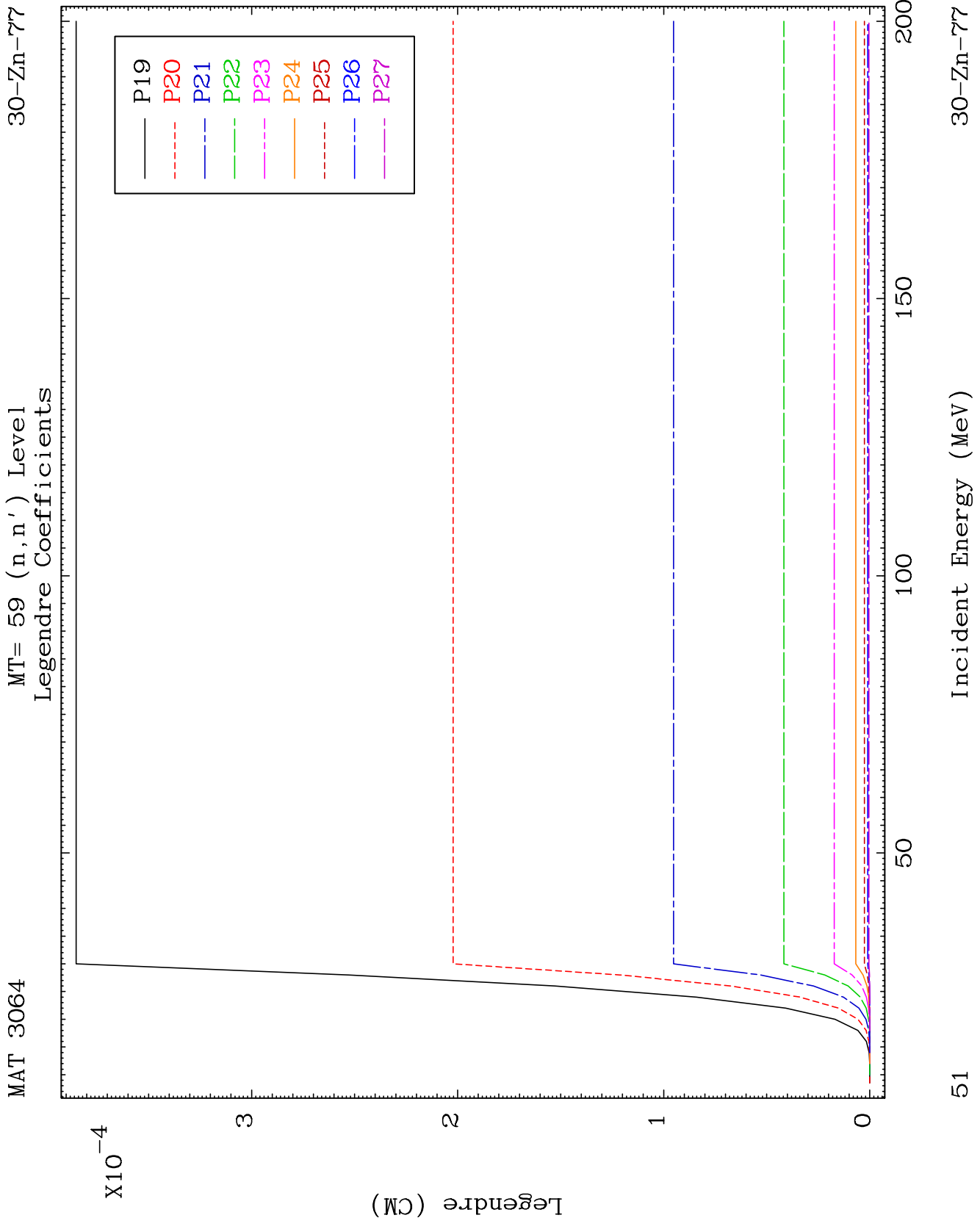


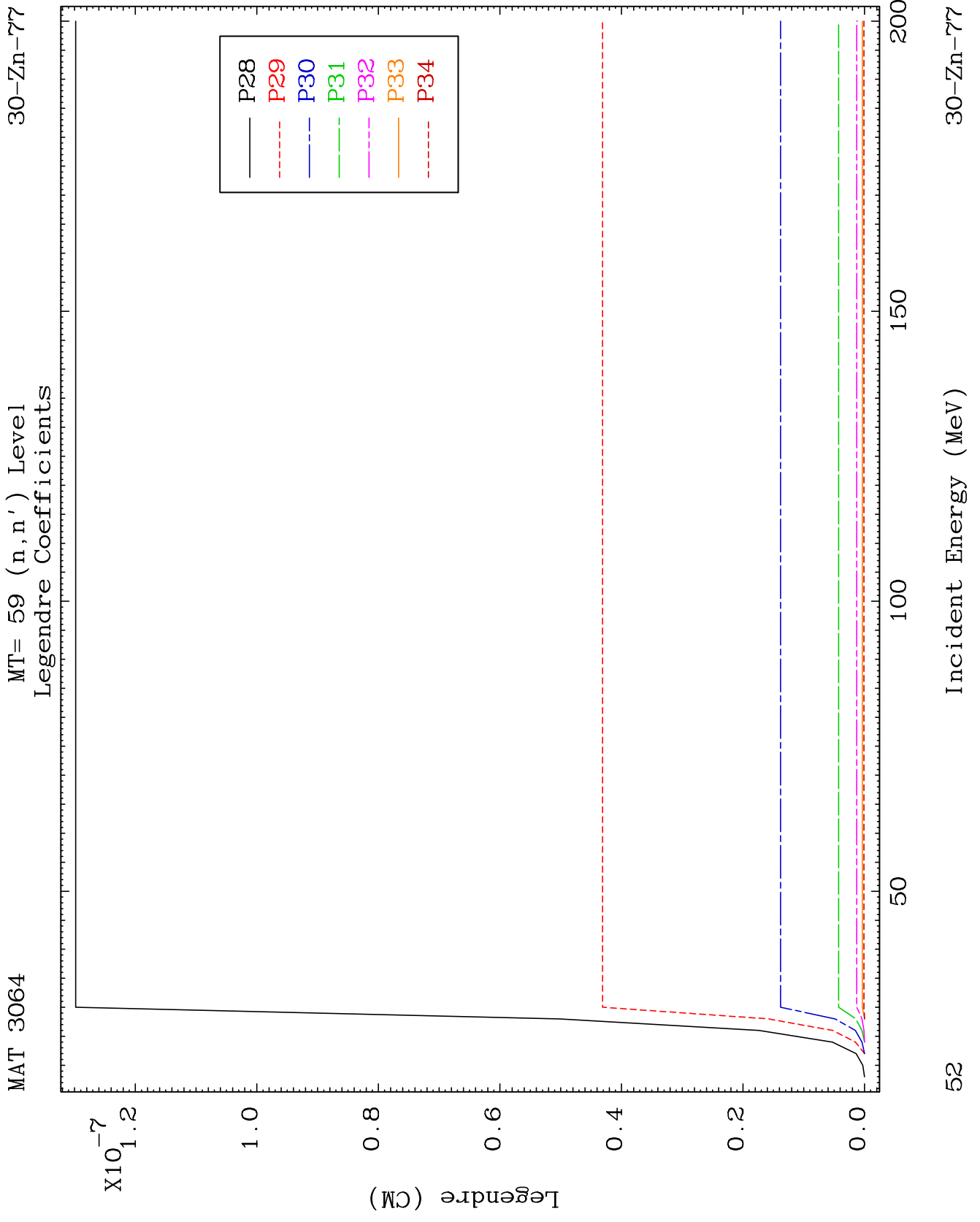
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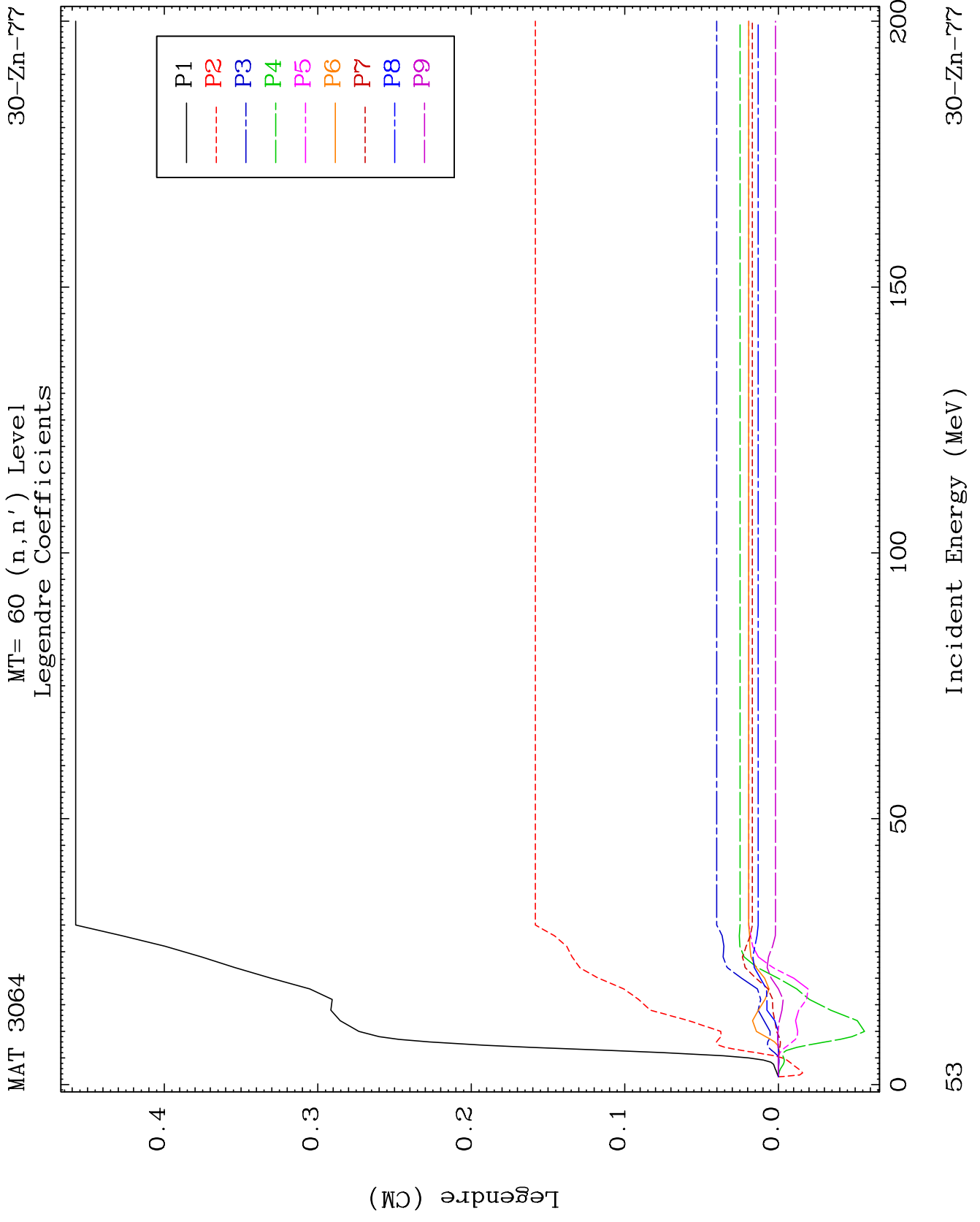
Incident Energy (MeV)

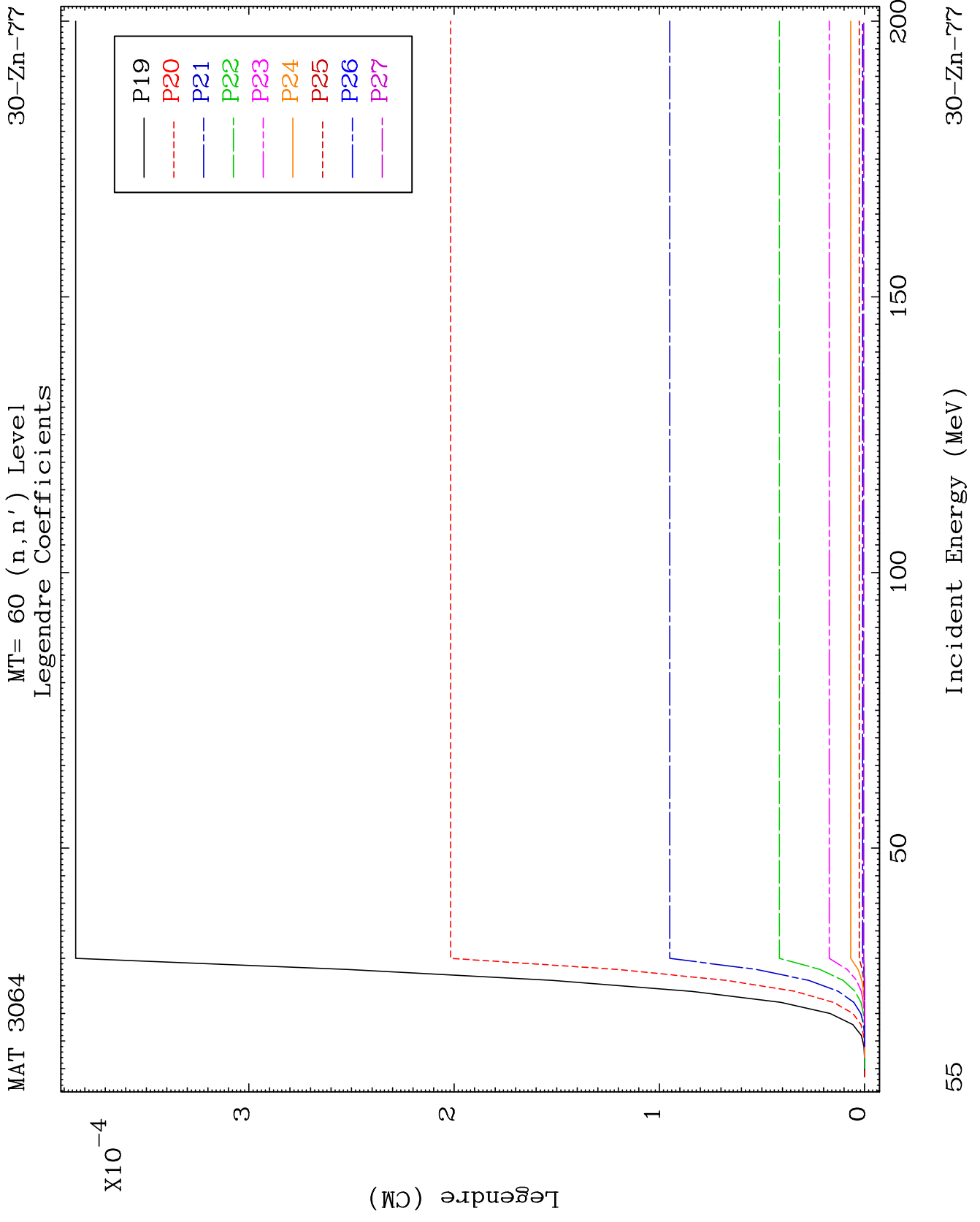
30-Zn-77

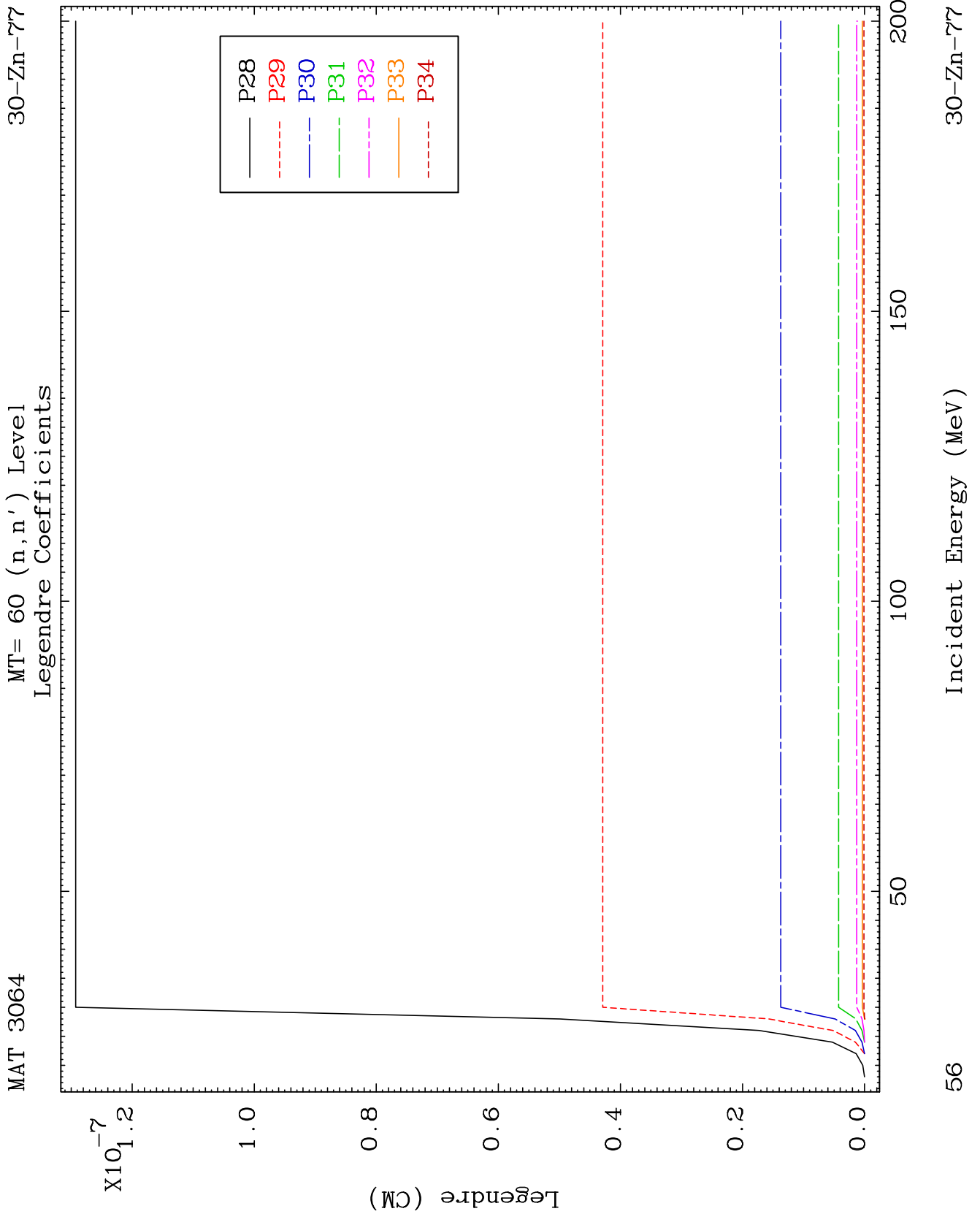


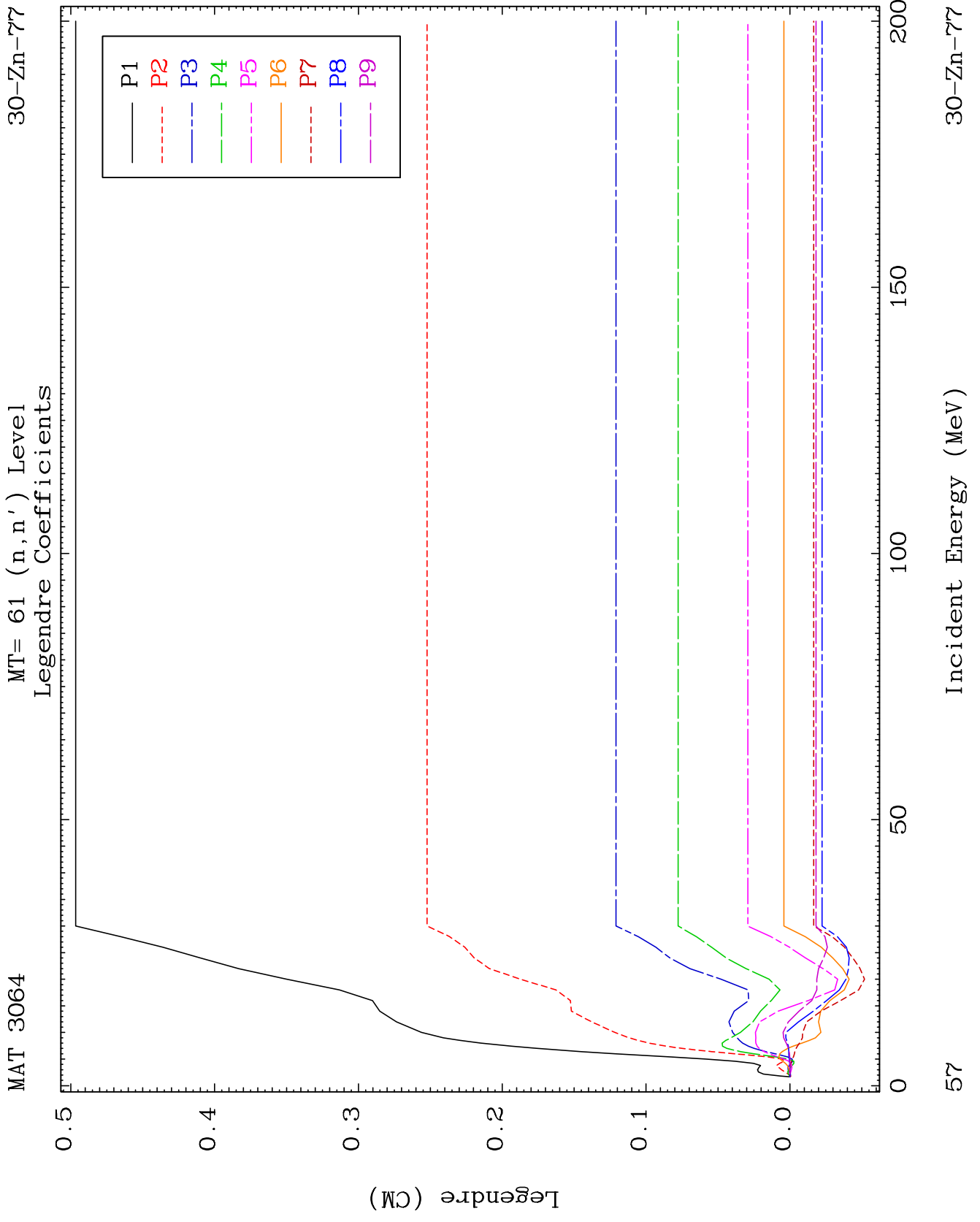


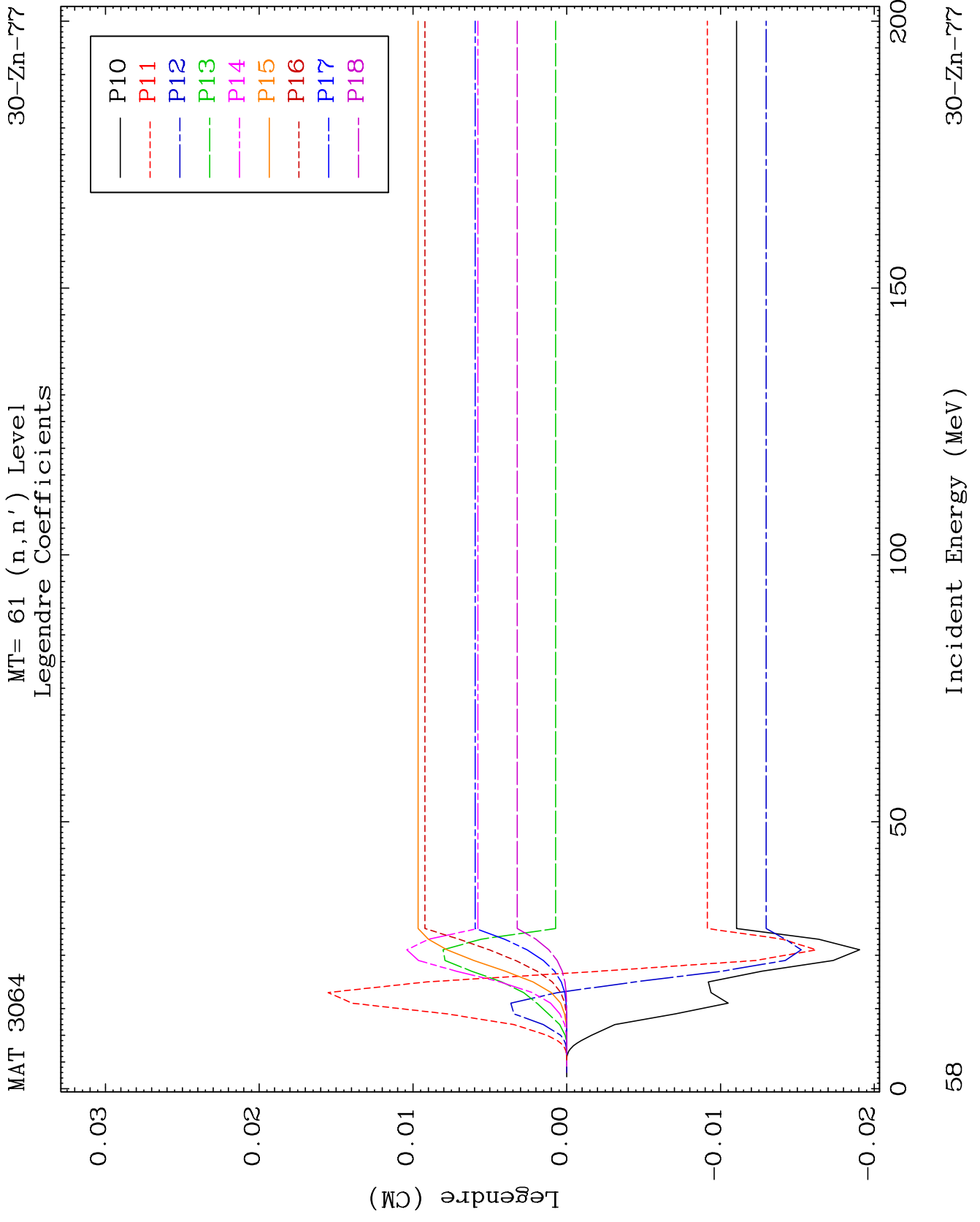


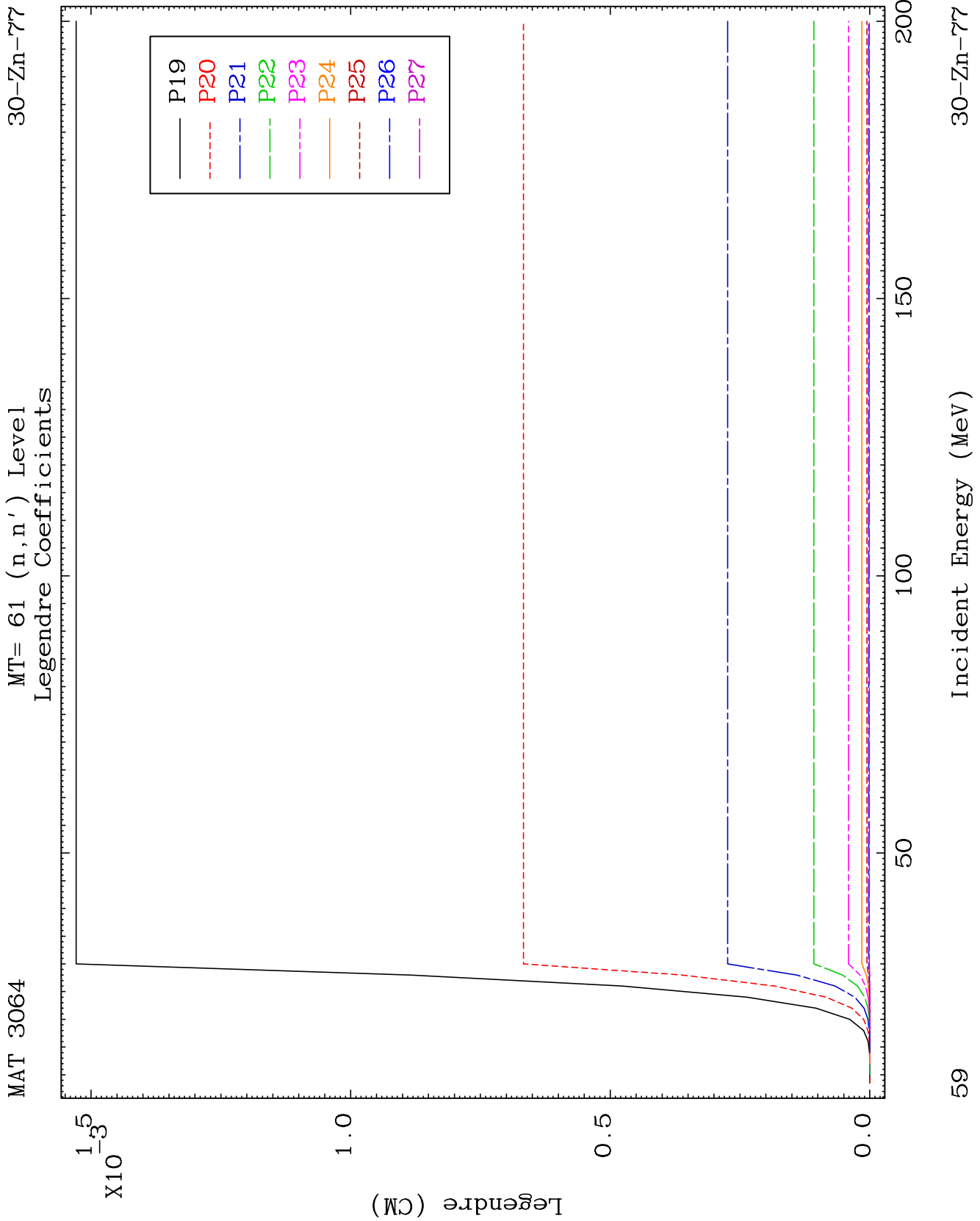


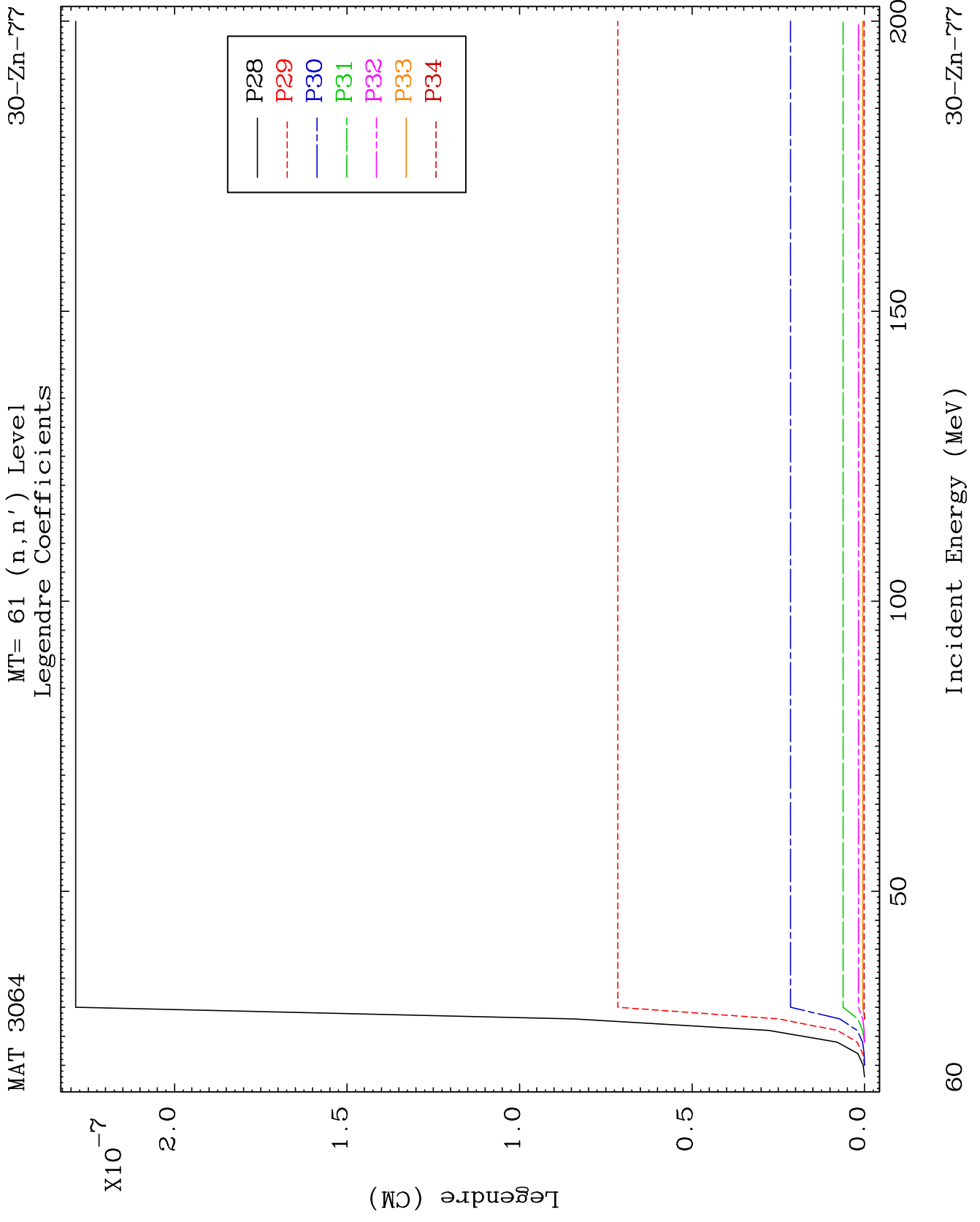


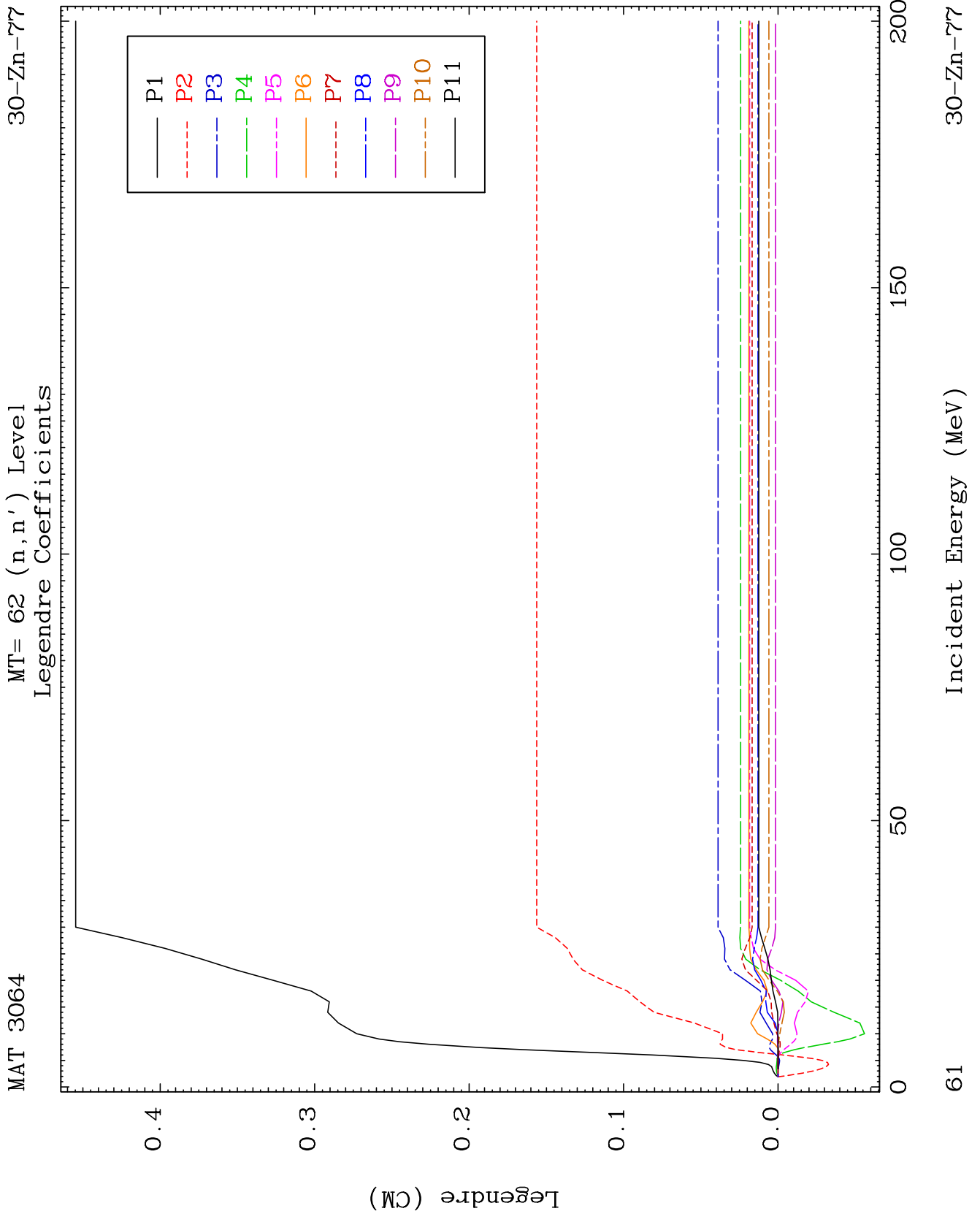








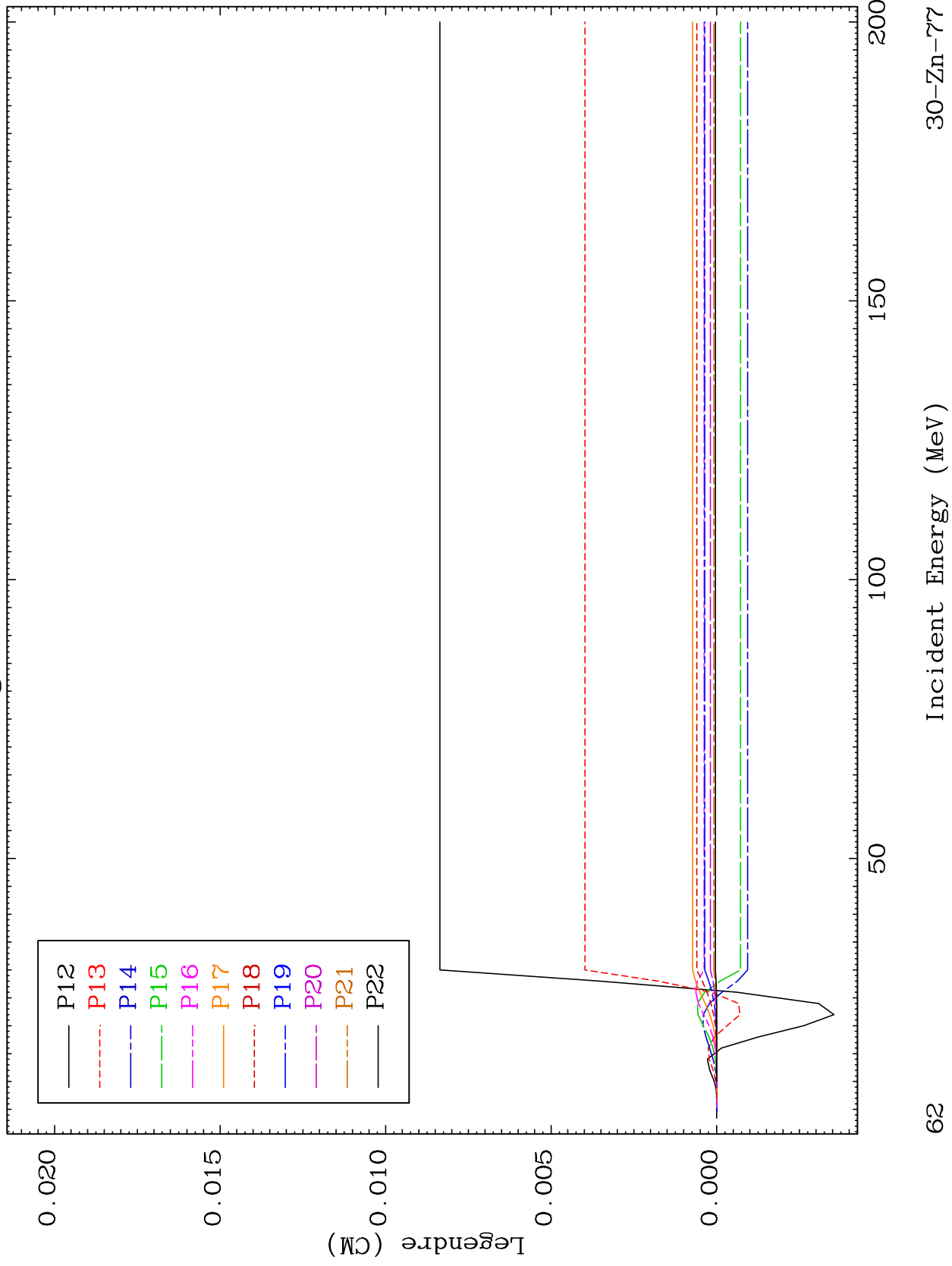




MAT 3064

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

30-Zn-77



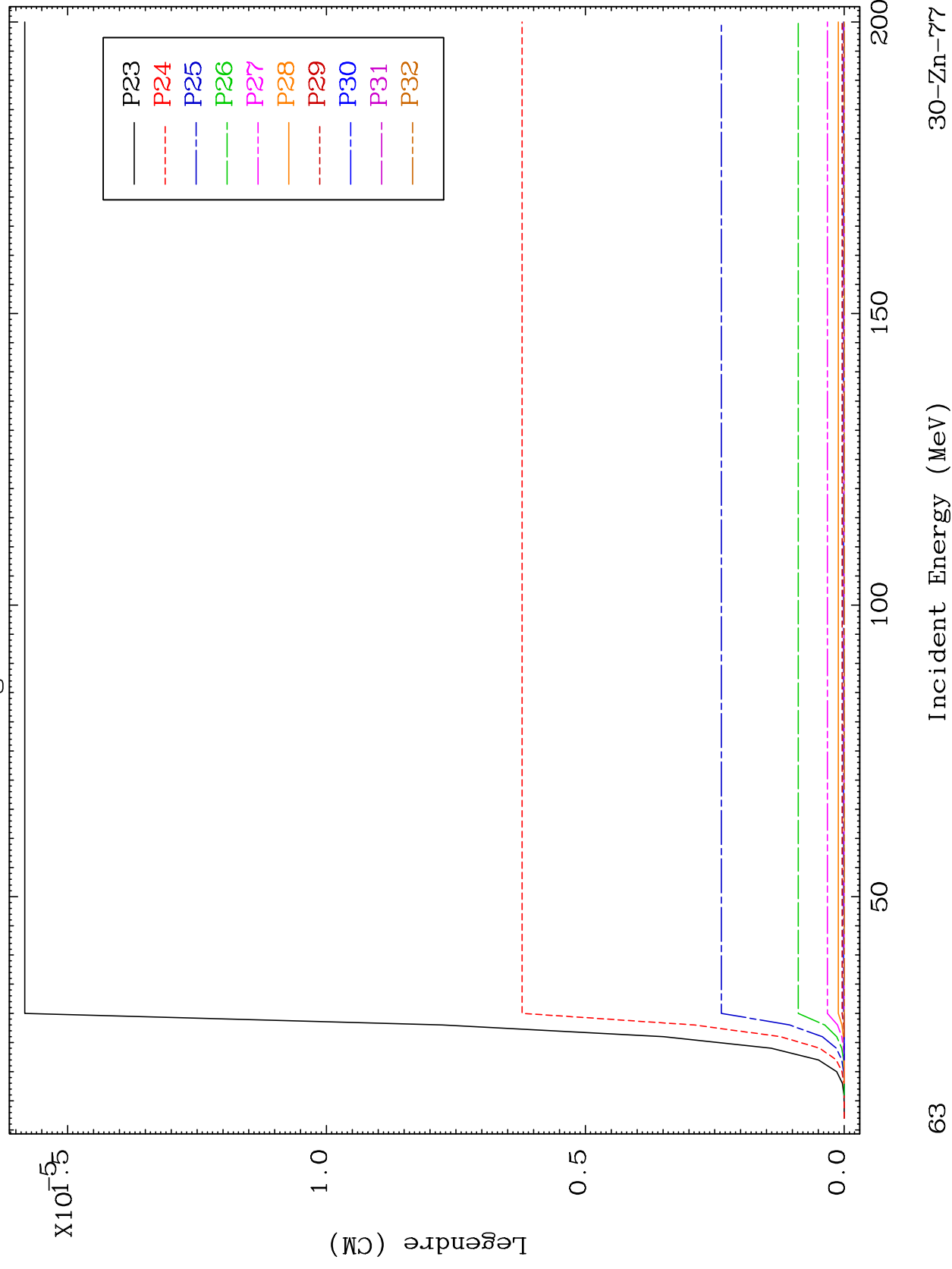
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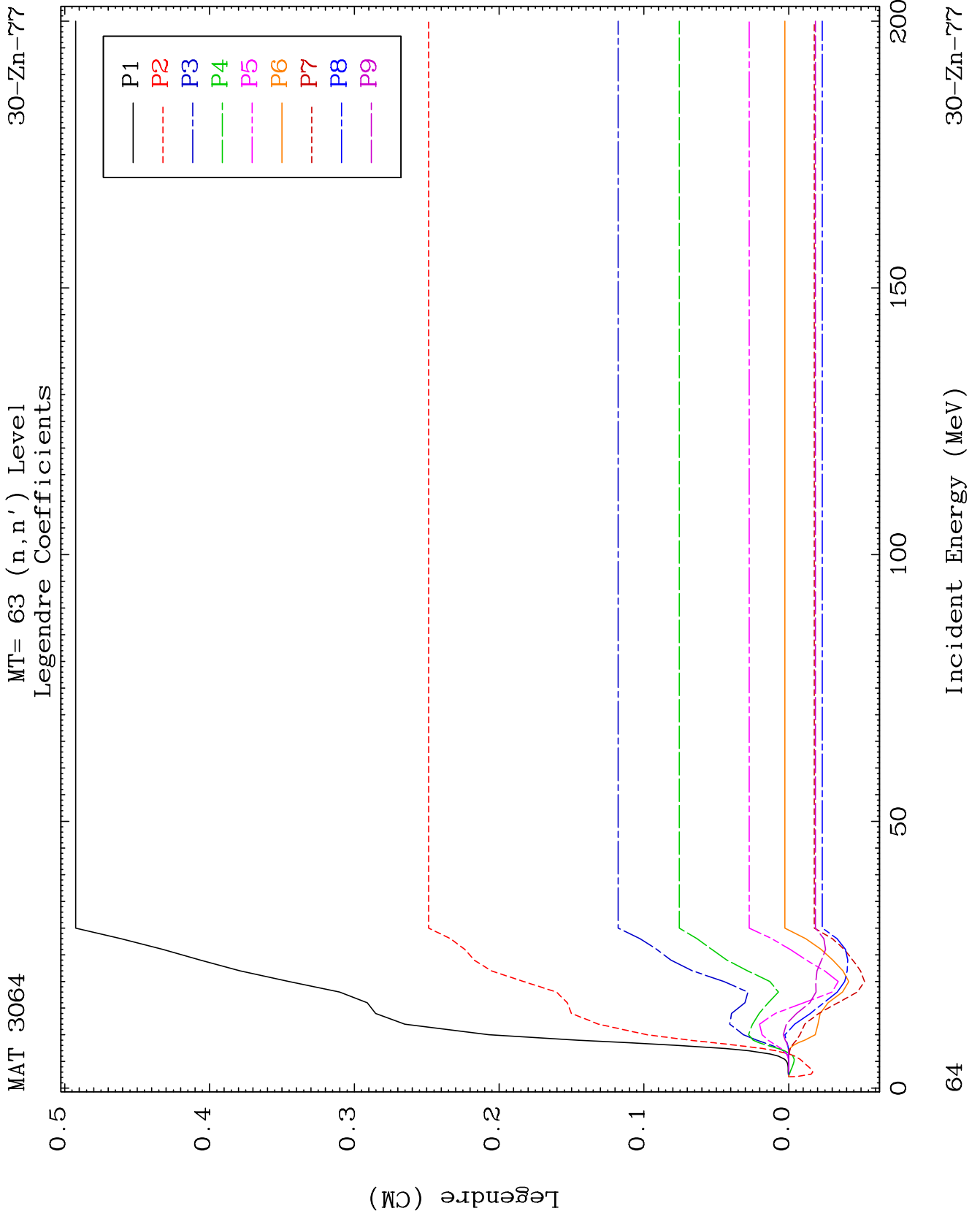
30-Zn-77

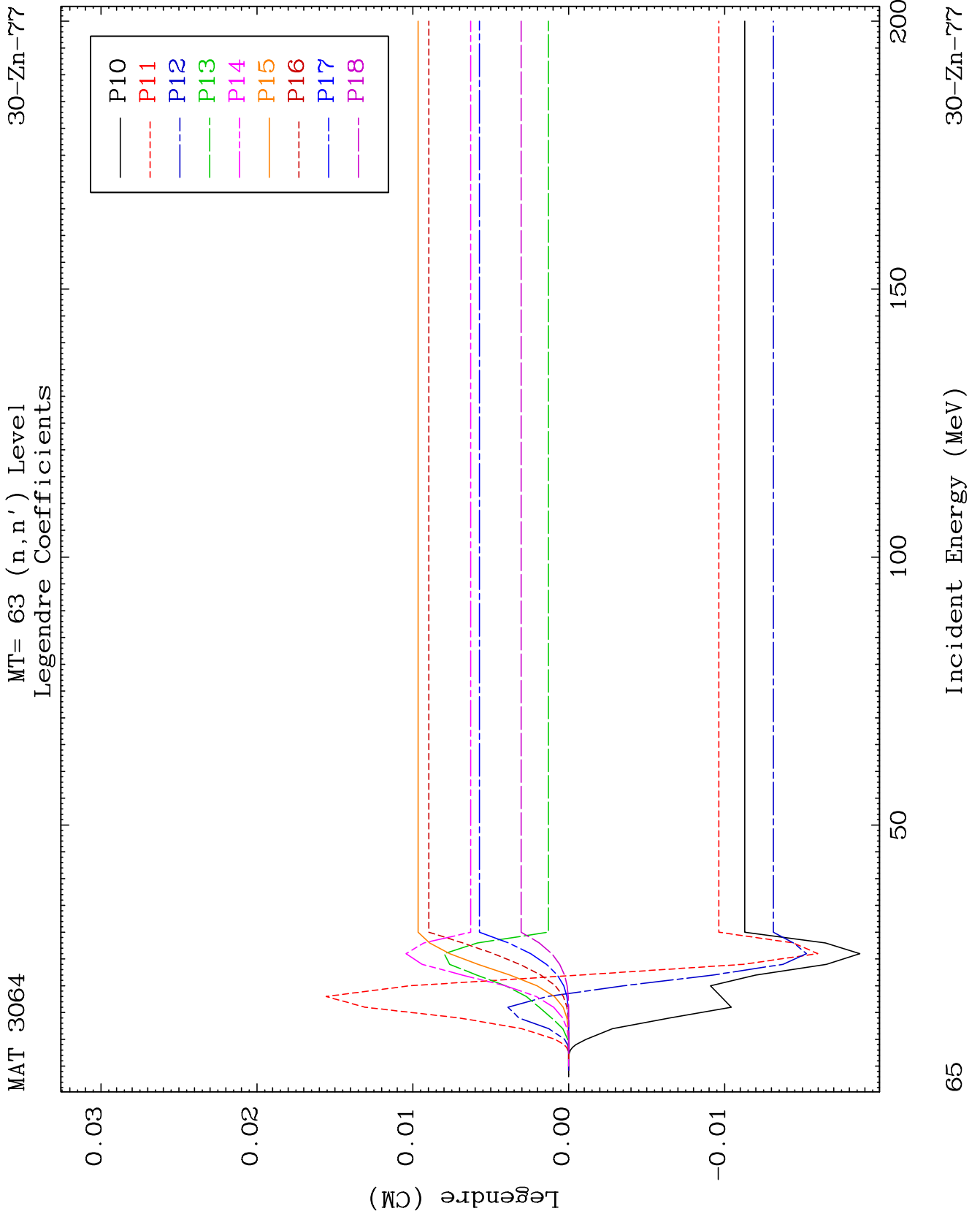
MAT 3064

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

30-Zn-77



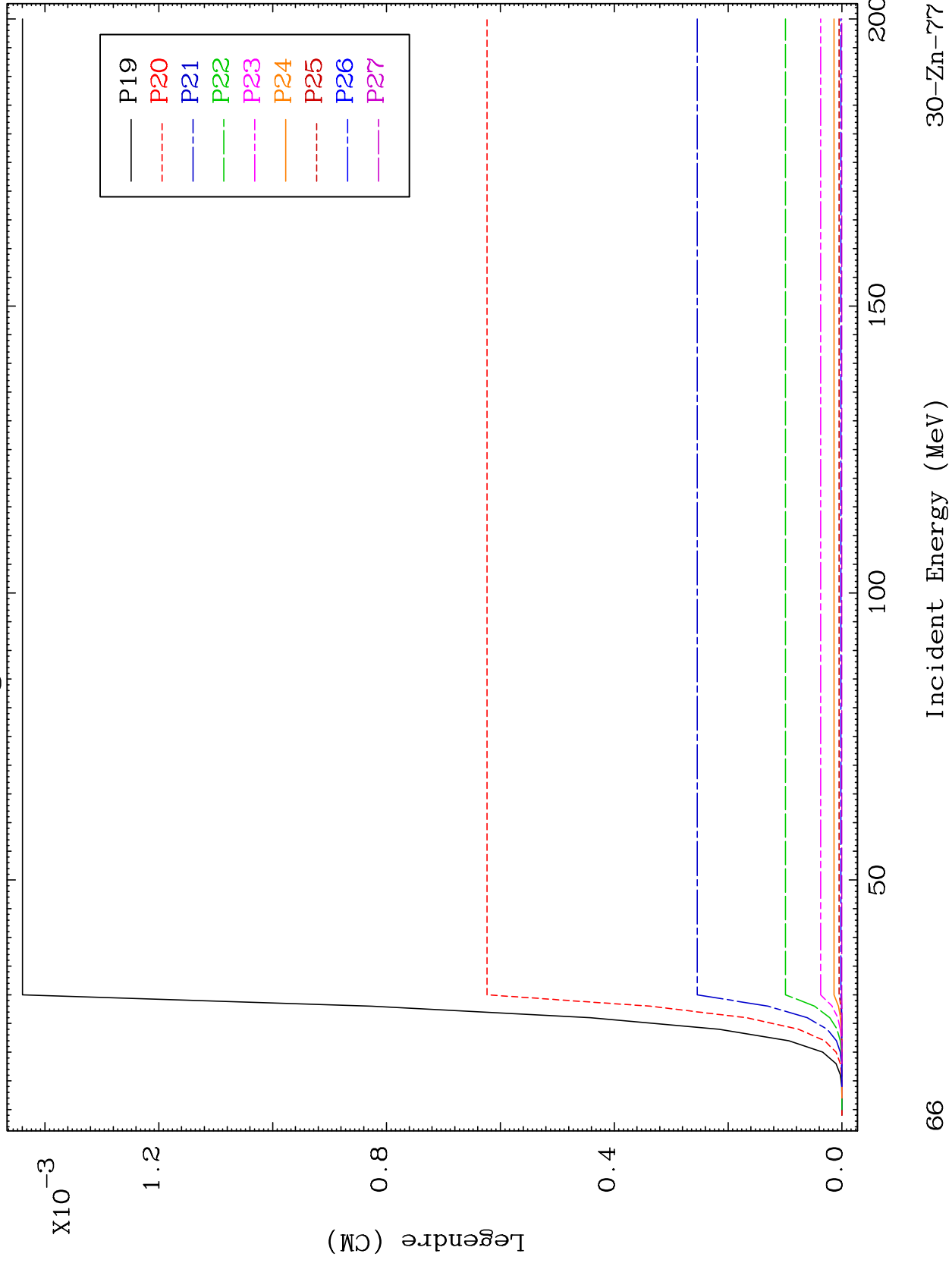




MAT 3064

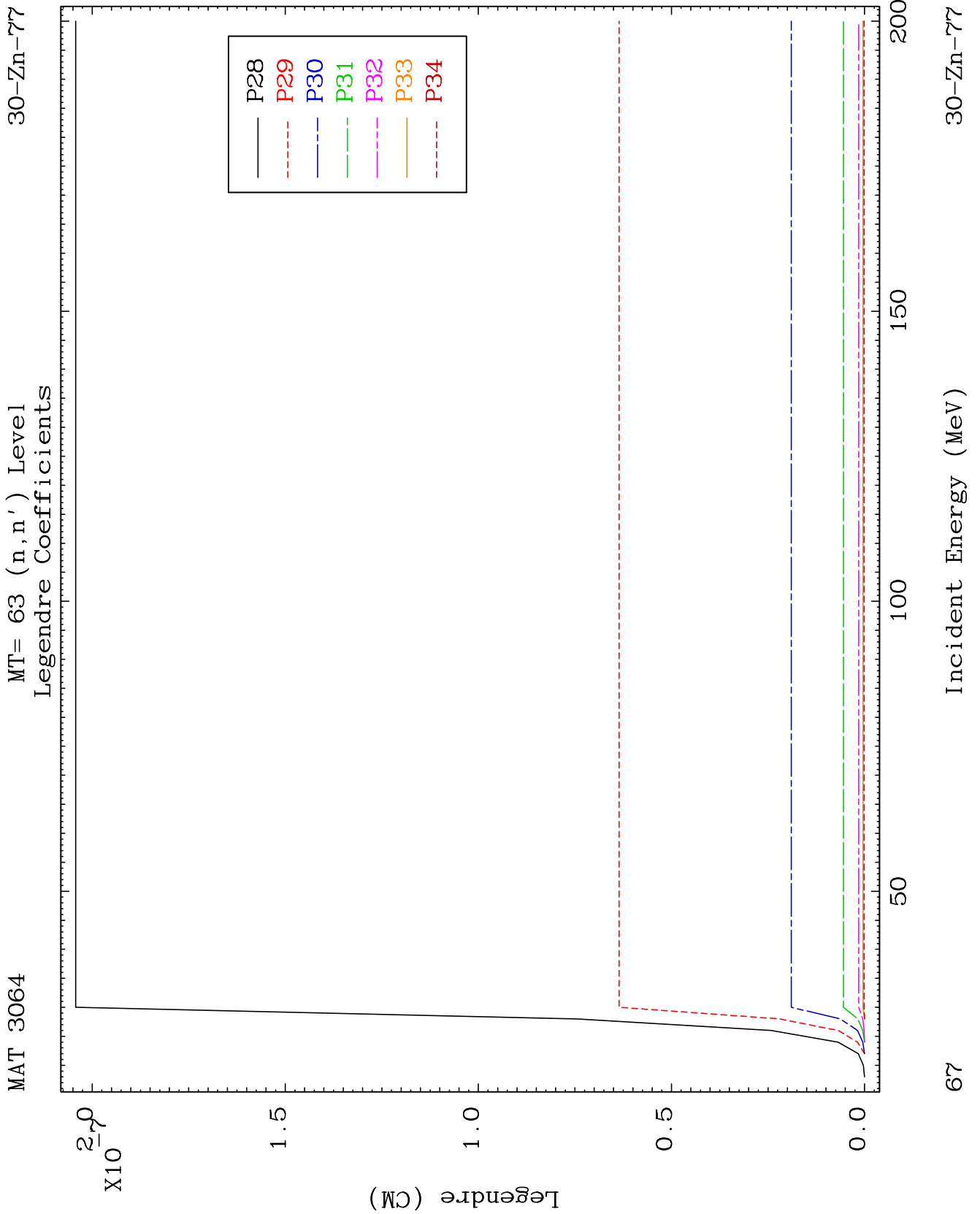
MT= 63 (n,n') Level
Legendre Coefficients

30-Zn-77



66

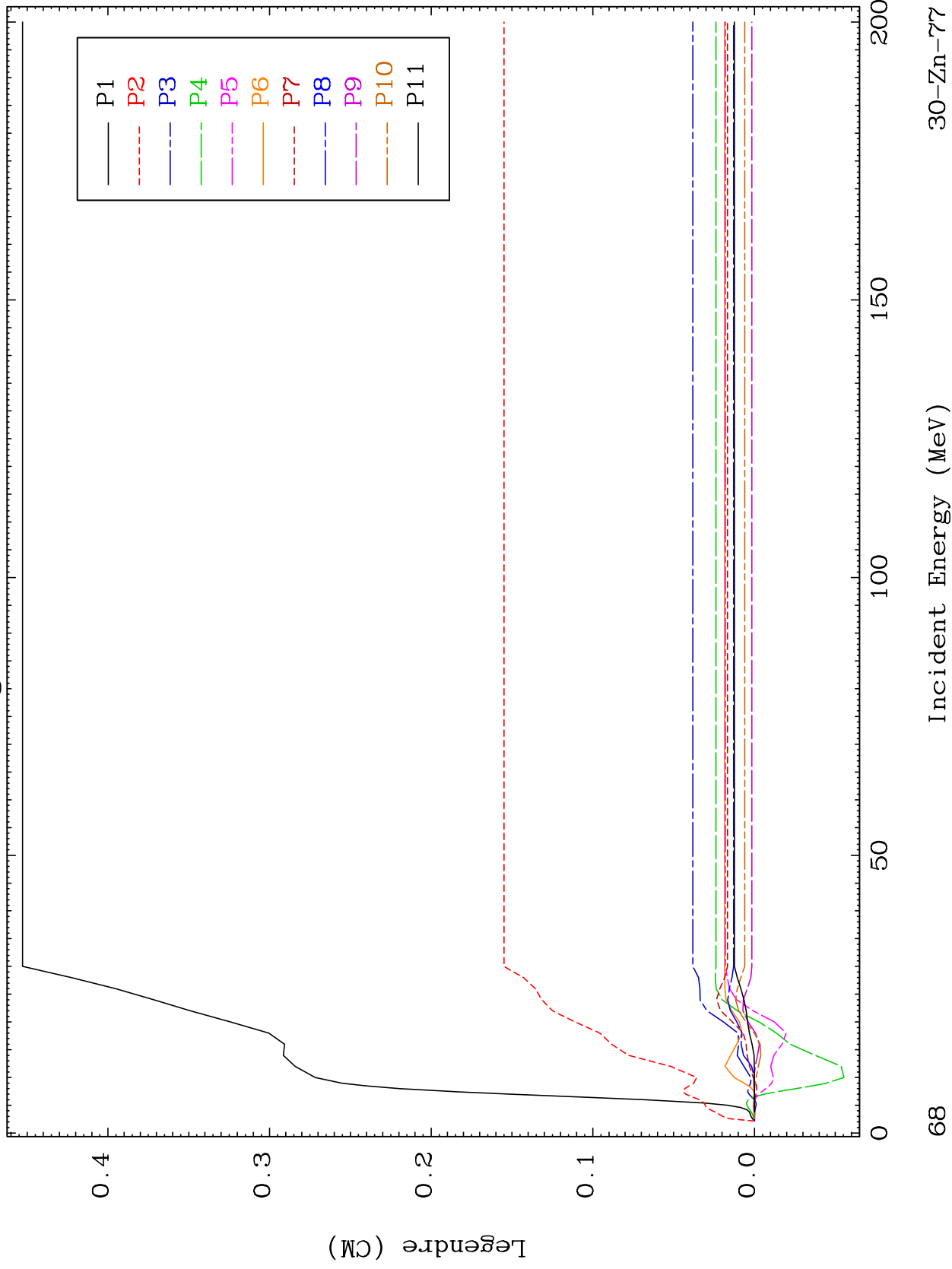
30-Zn-77



MAT 3064

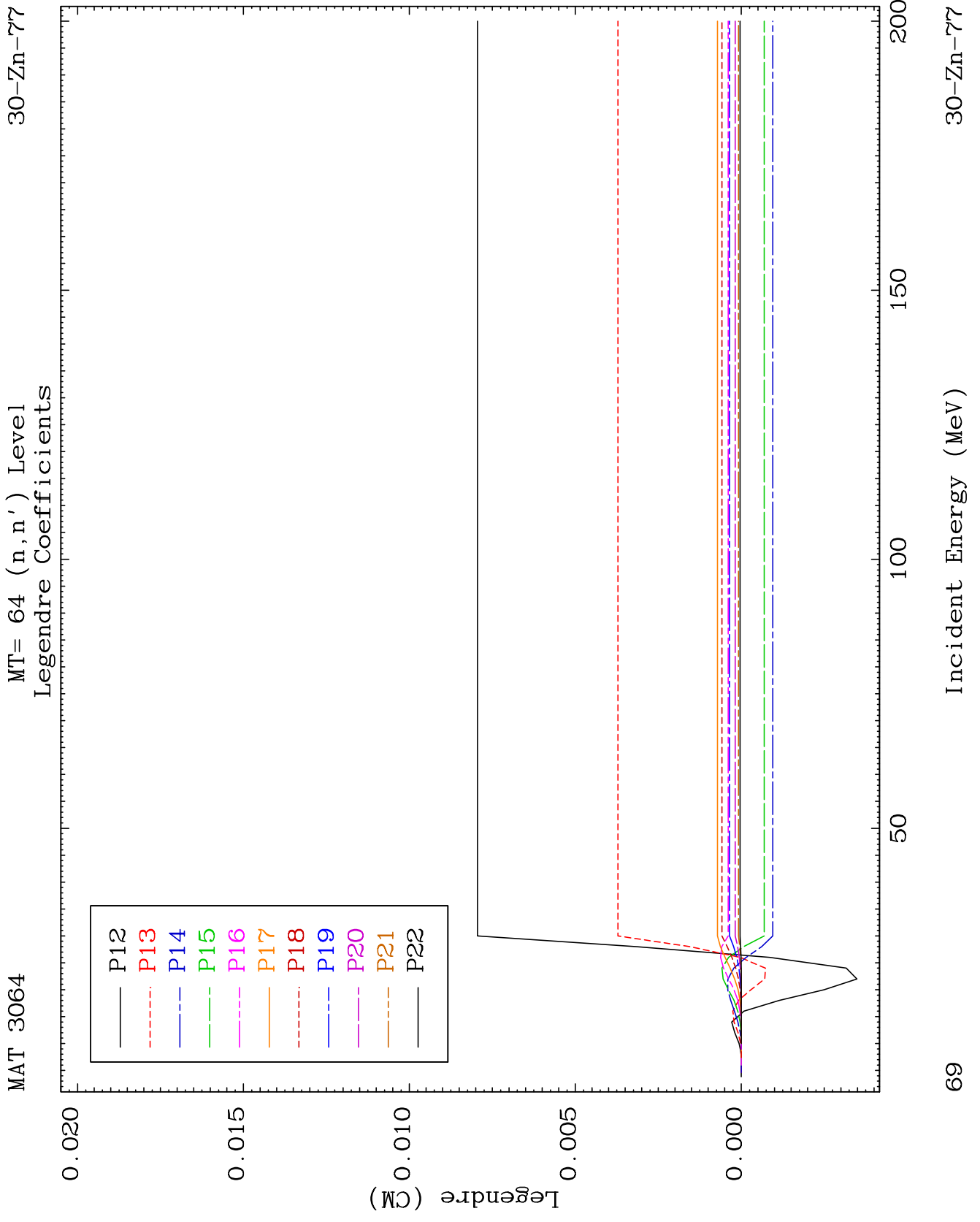
MT= 64 (n,n') Level
Legendre Coefficients

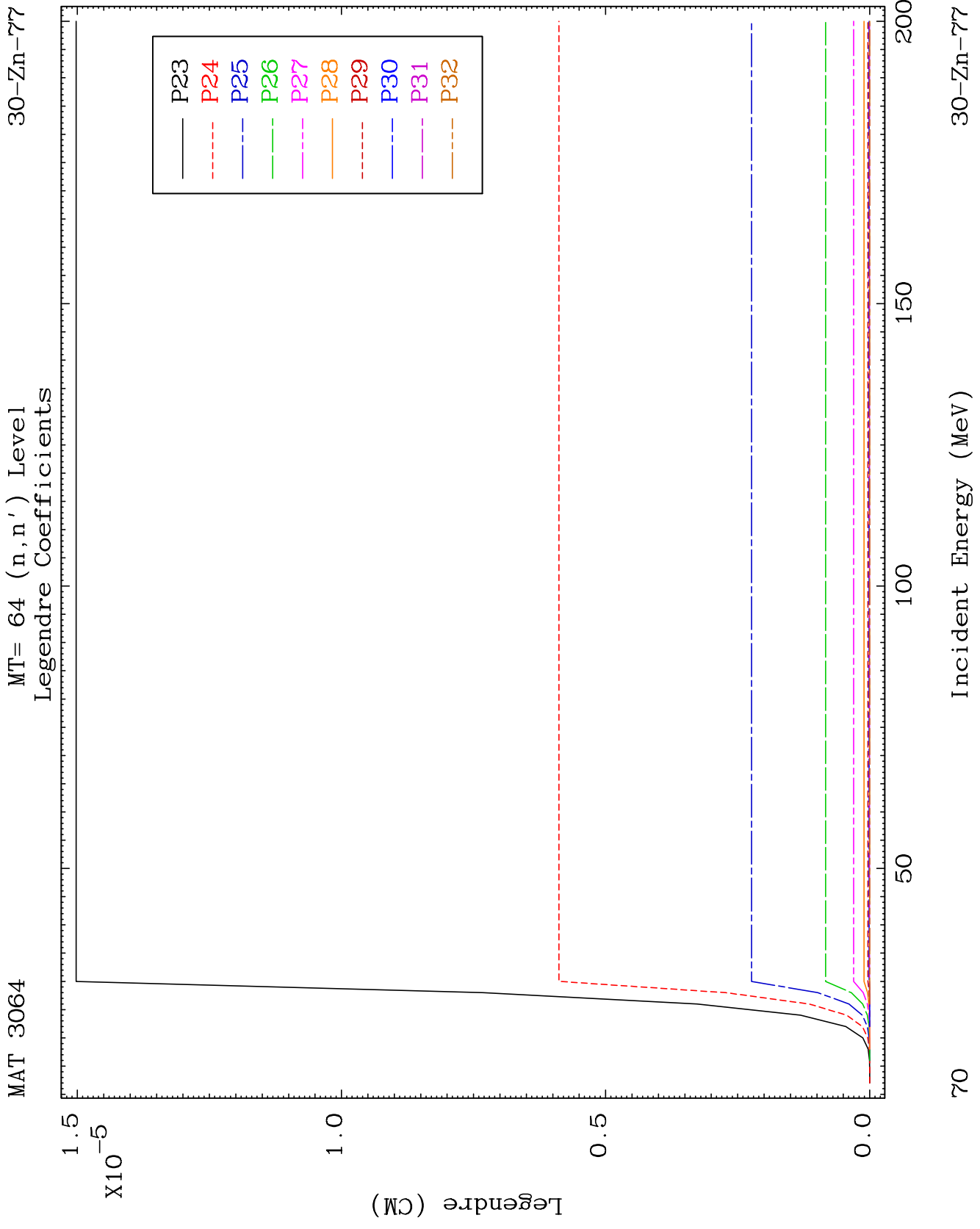
30-Zn-77

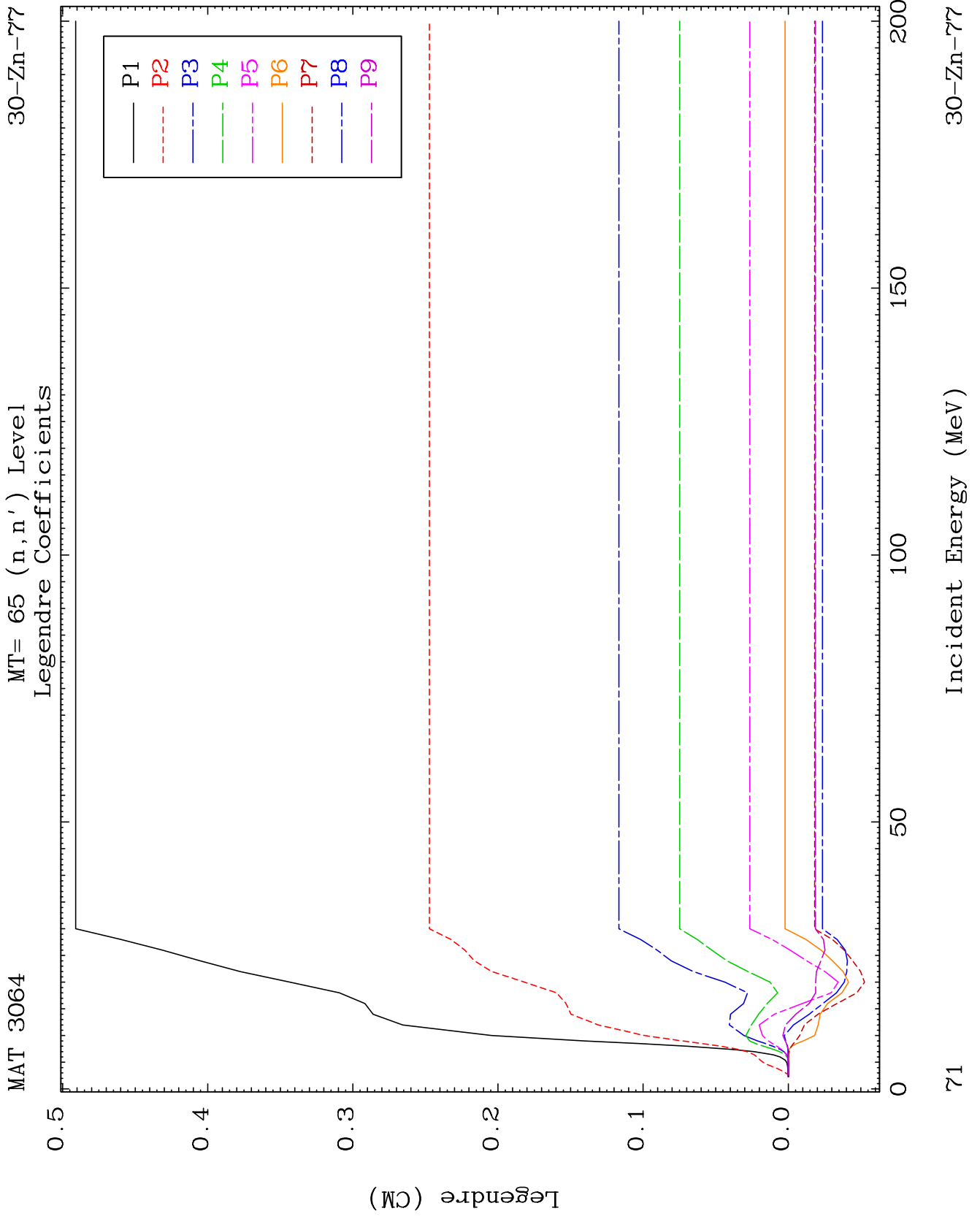


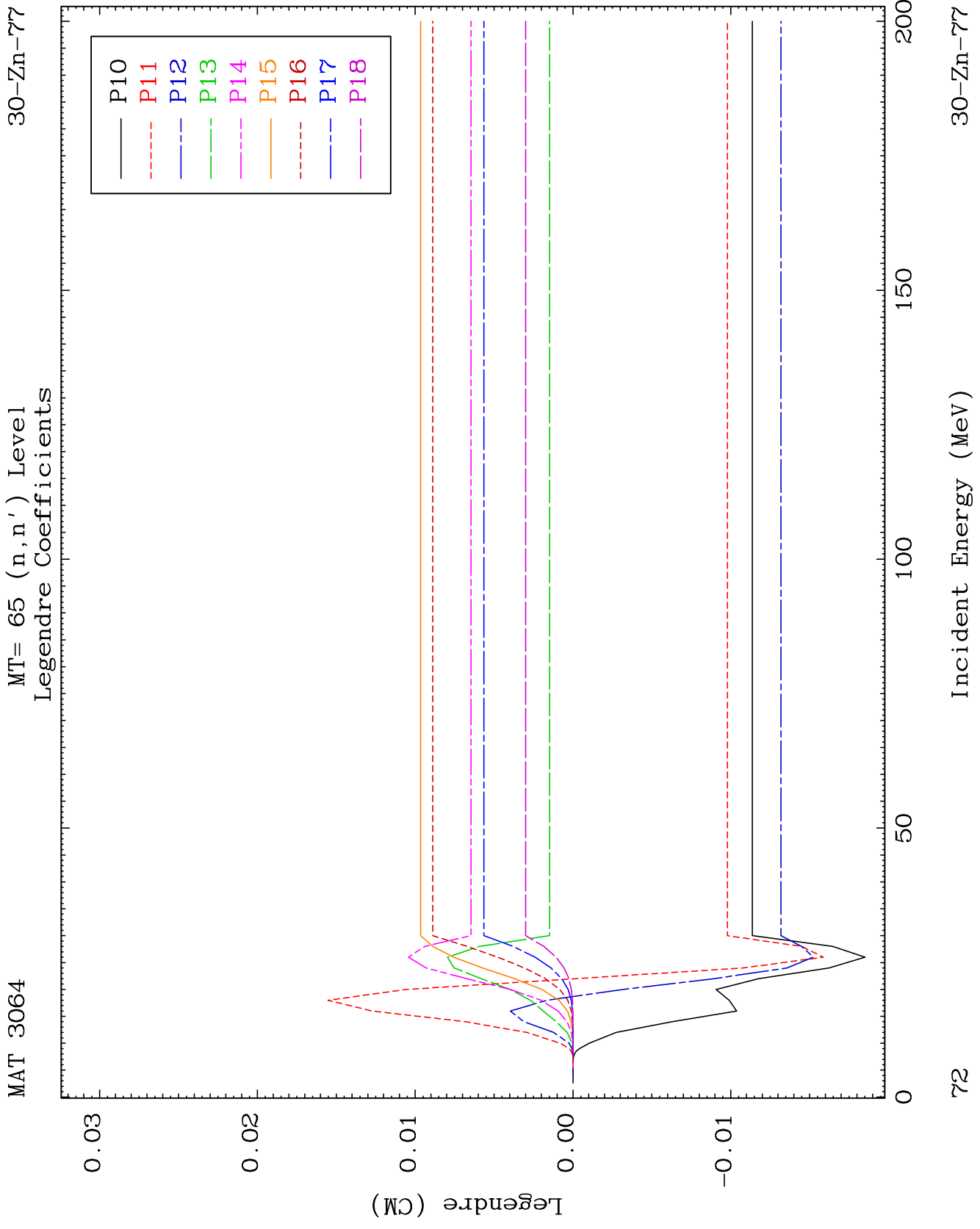
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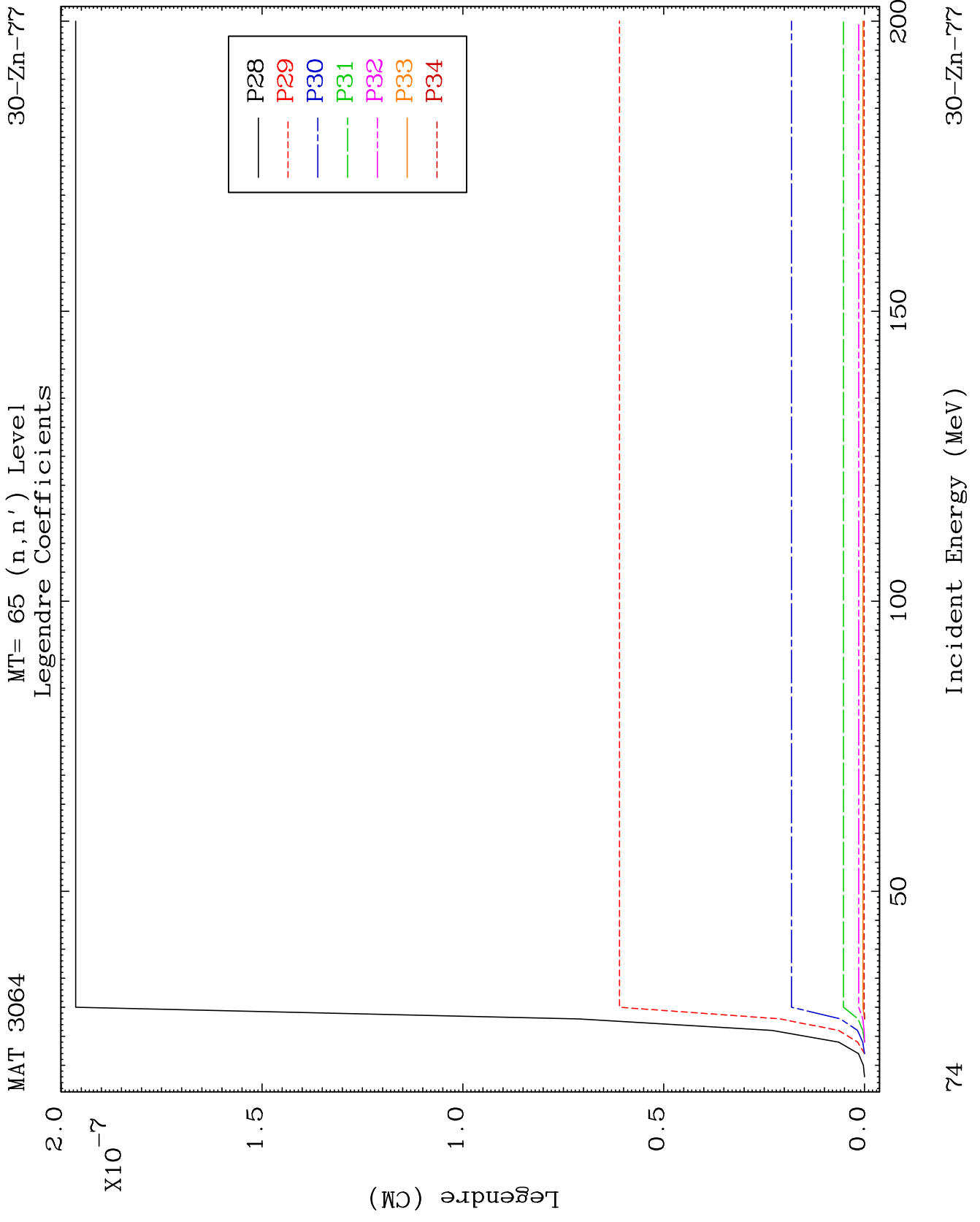
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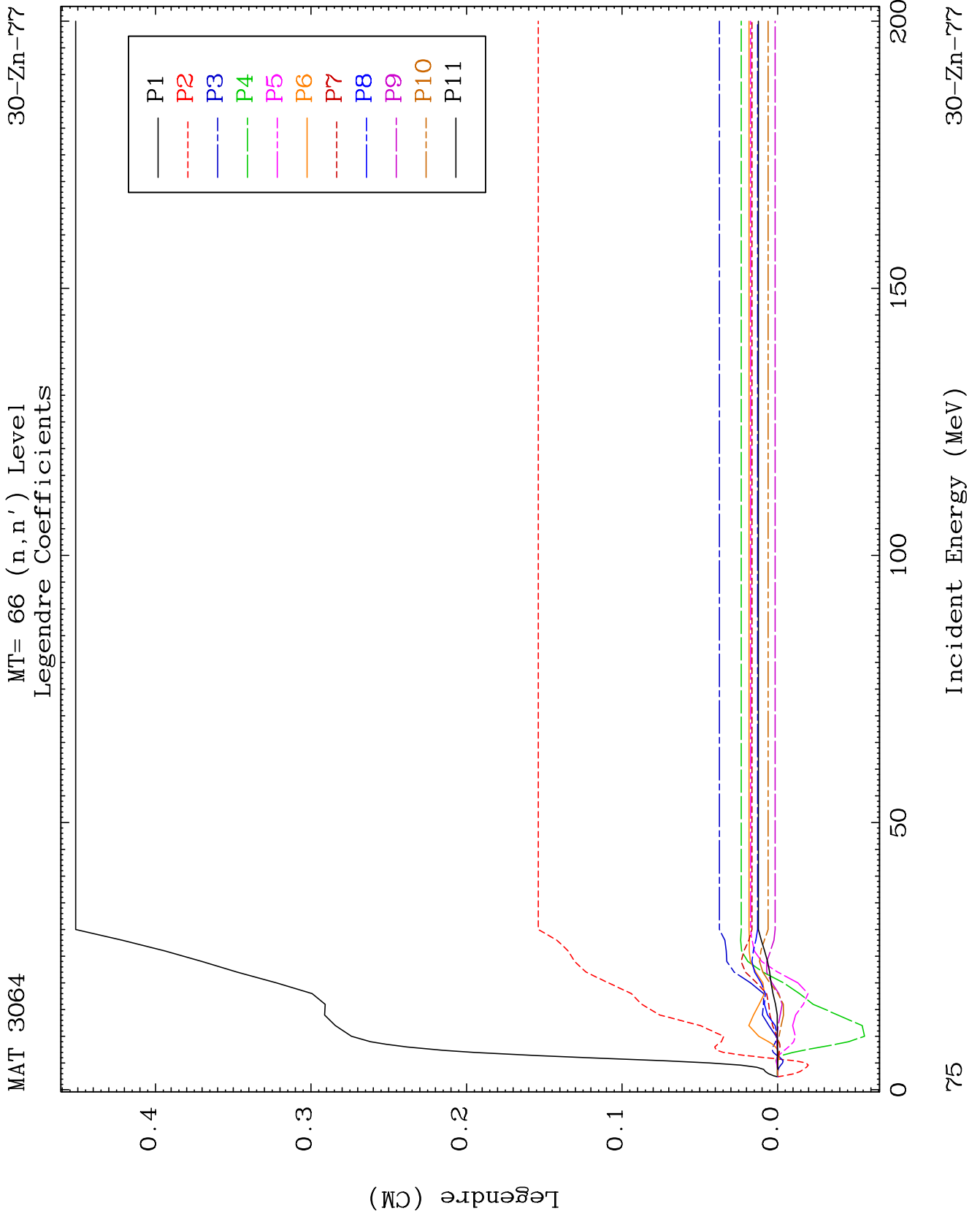








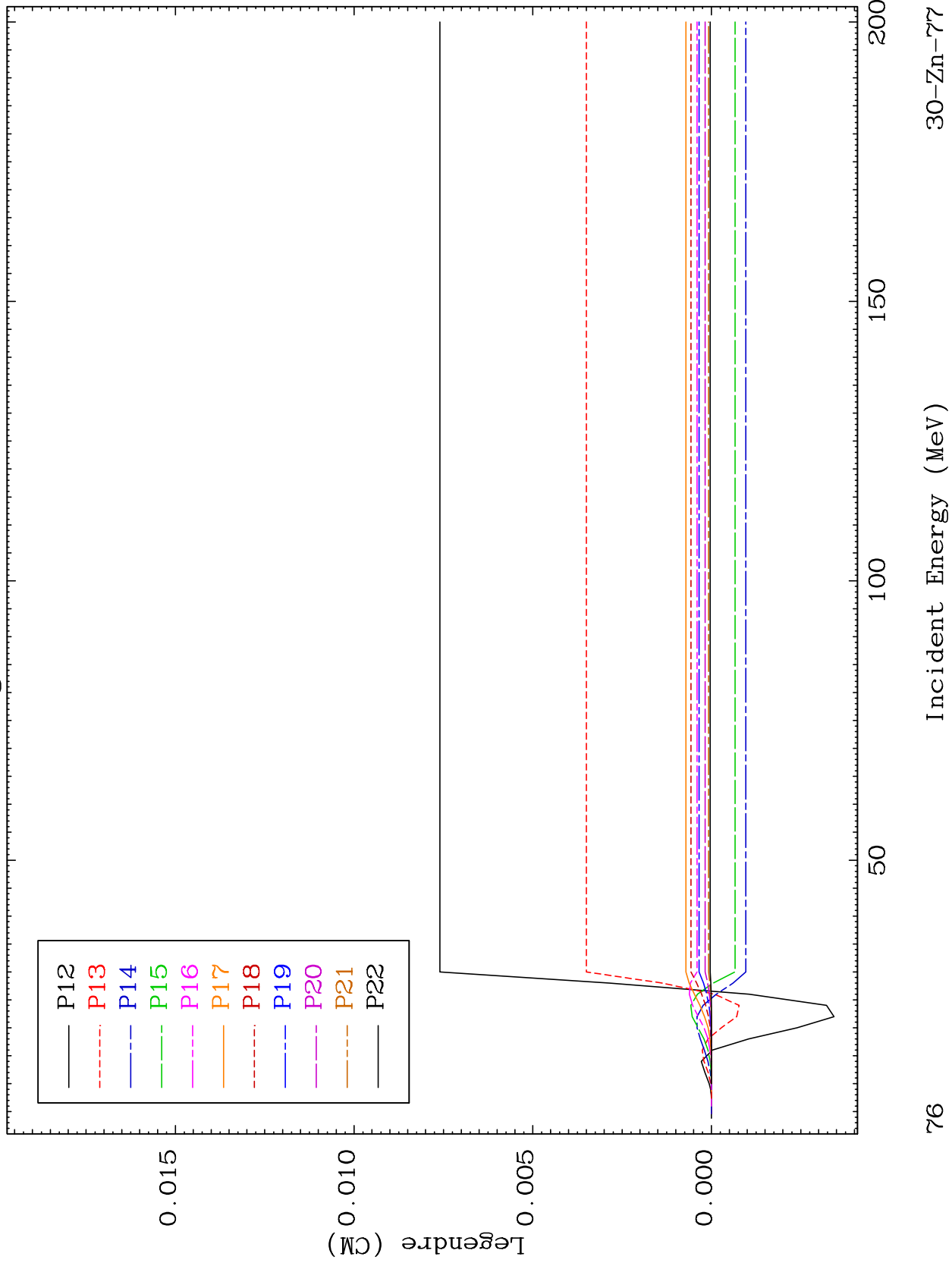




MAT 3064

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

30-Zn-77



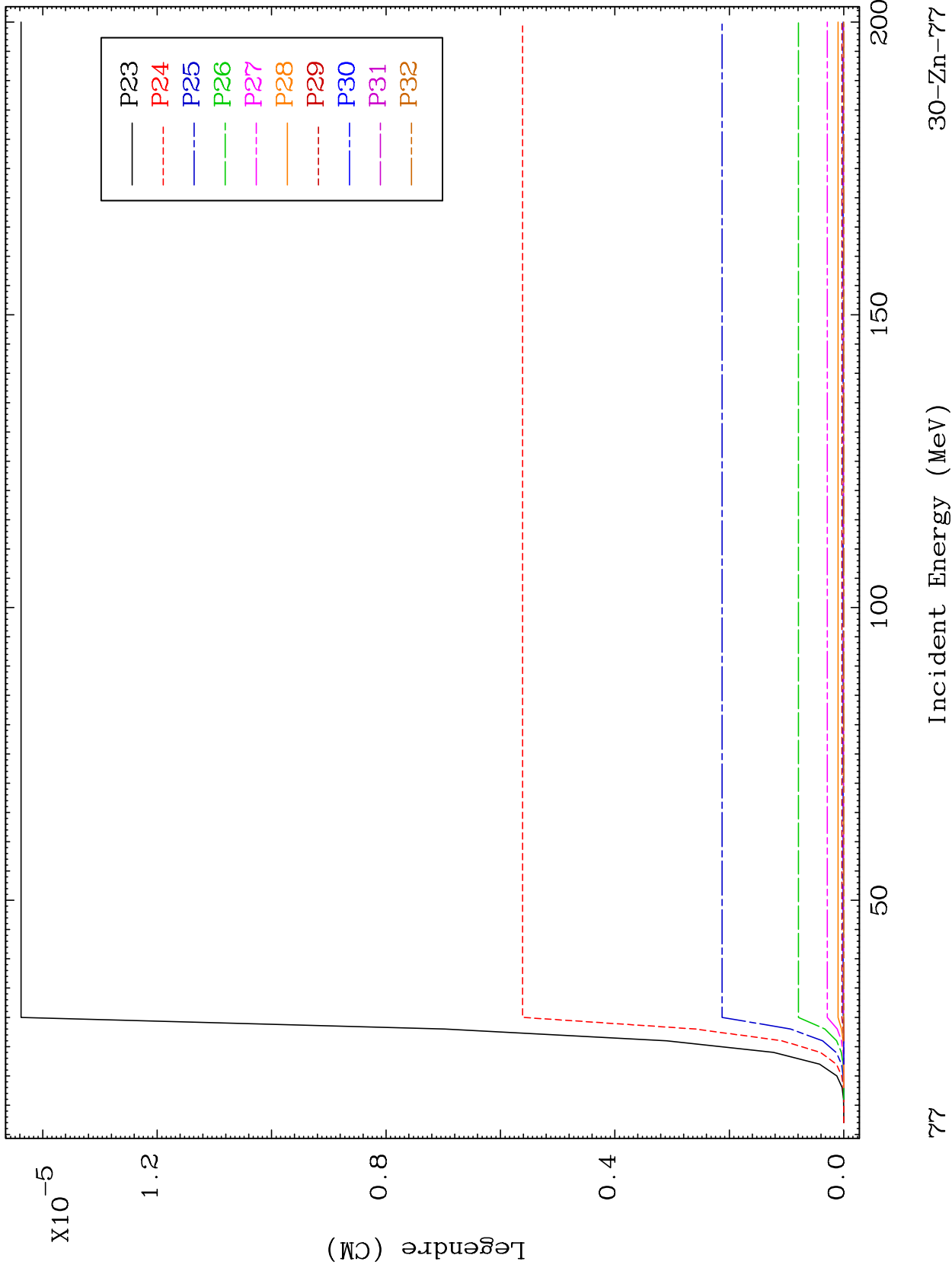
76

30-Zn-77

MAT 3064

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

30-Zn-77



77

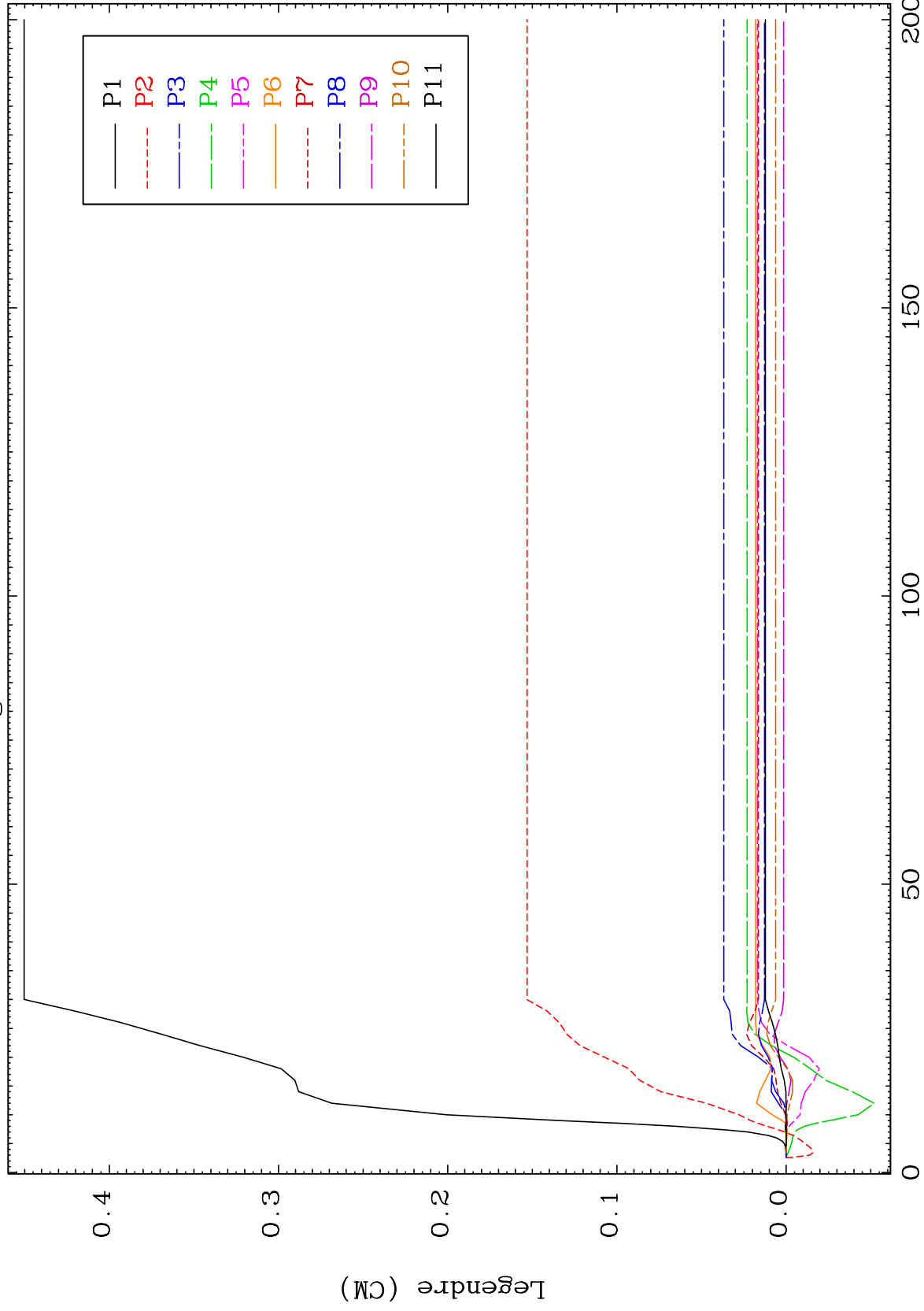
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



78

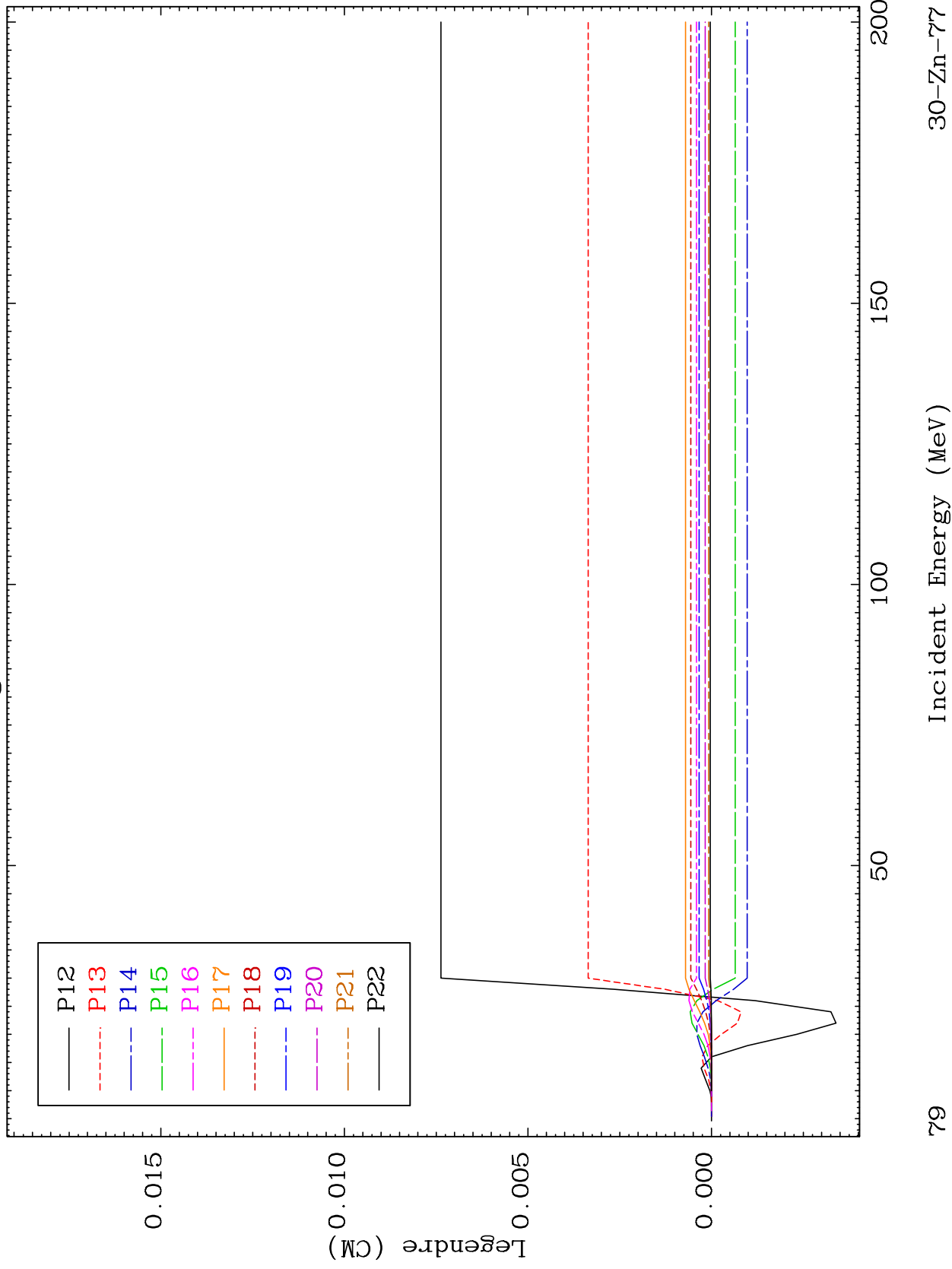
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



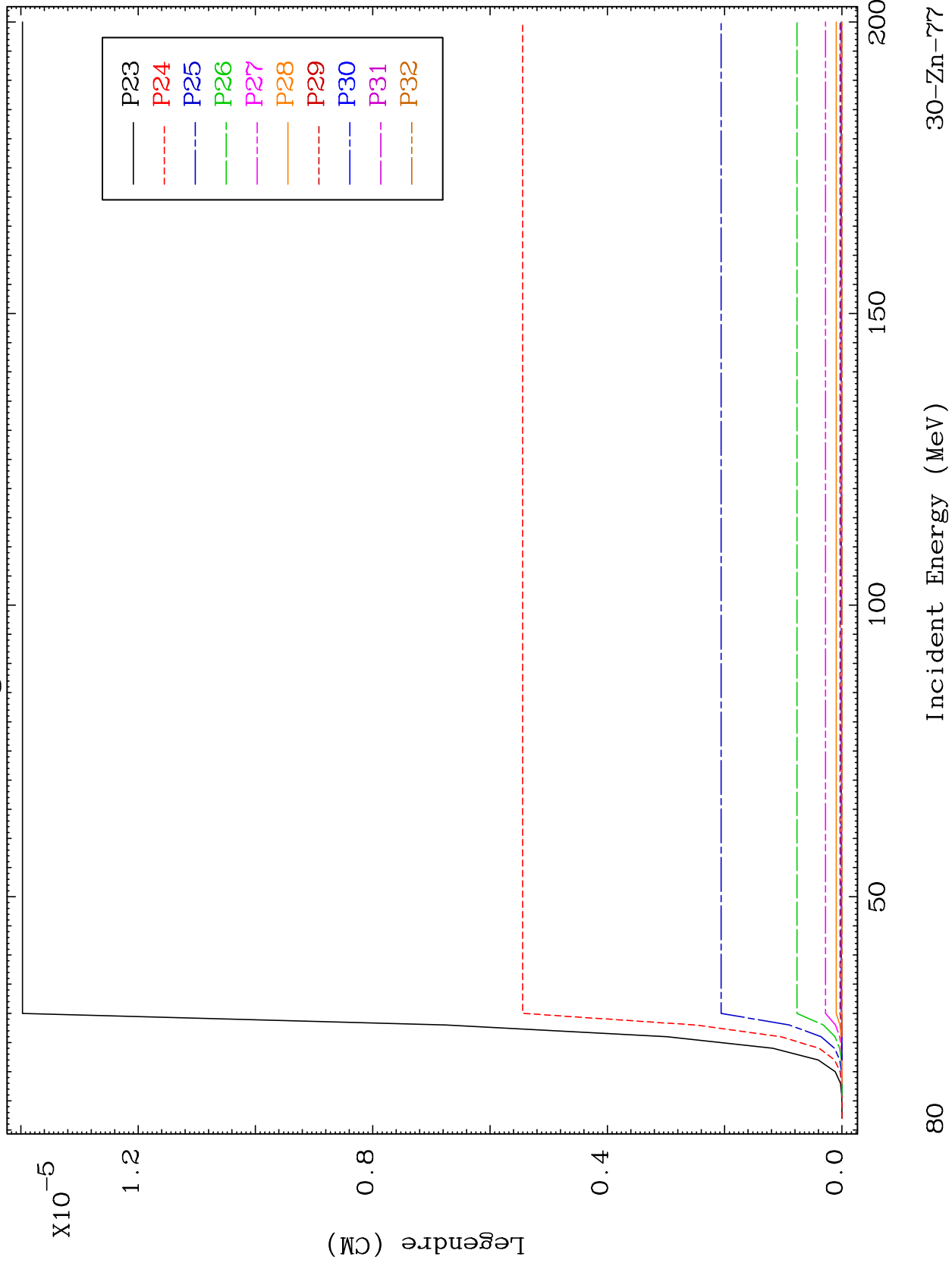
79

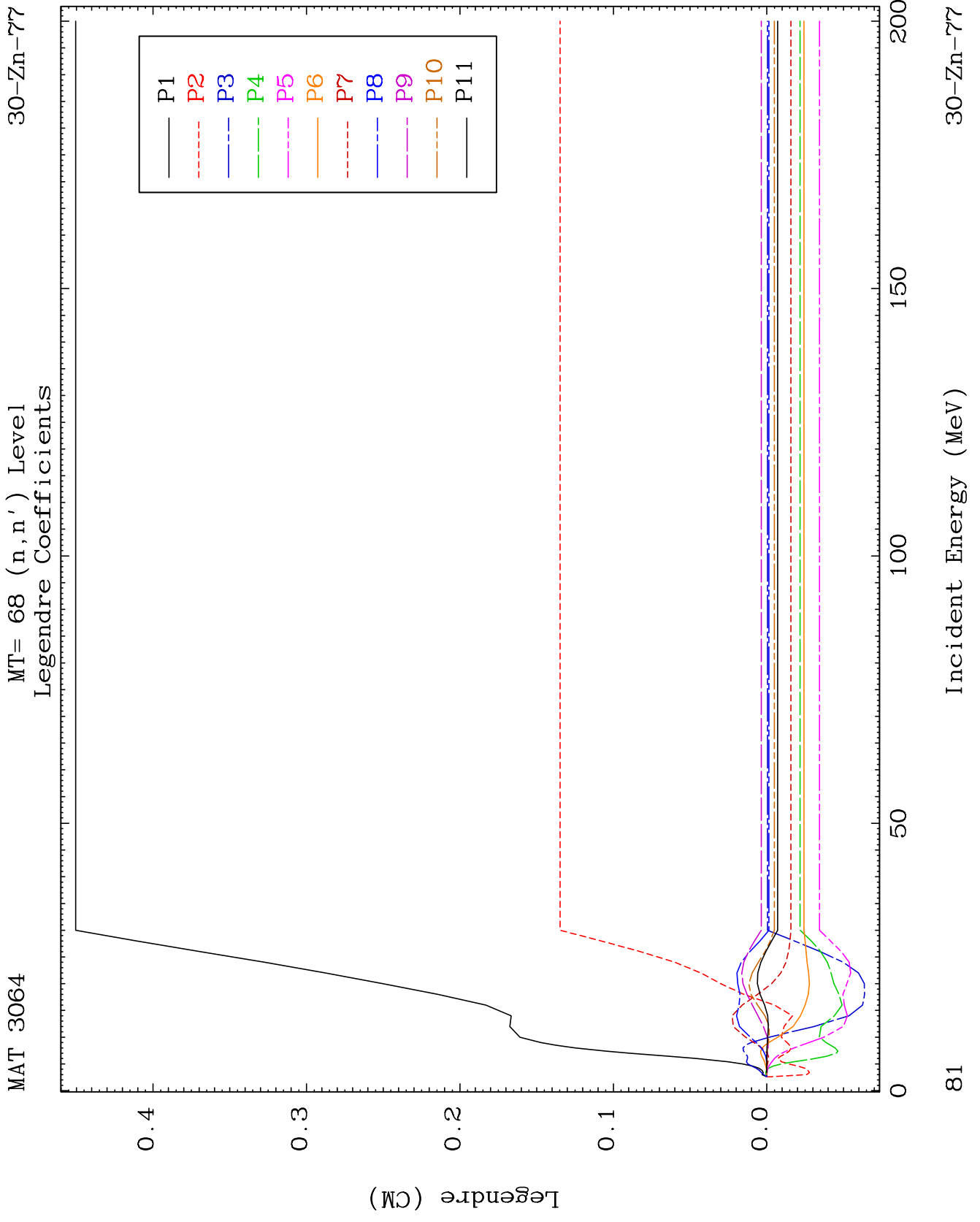
30-Zn-77

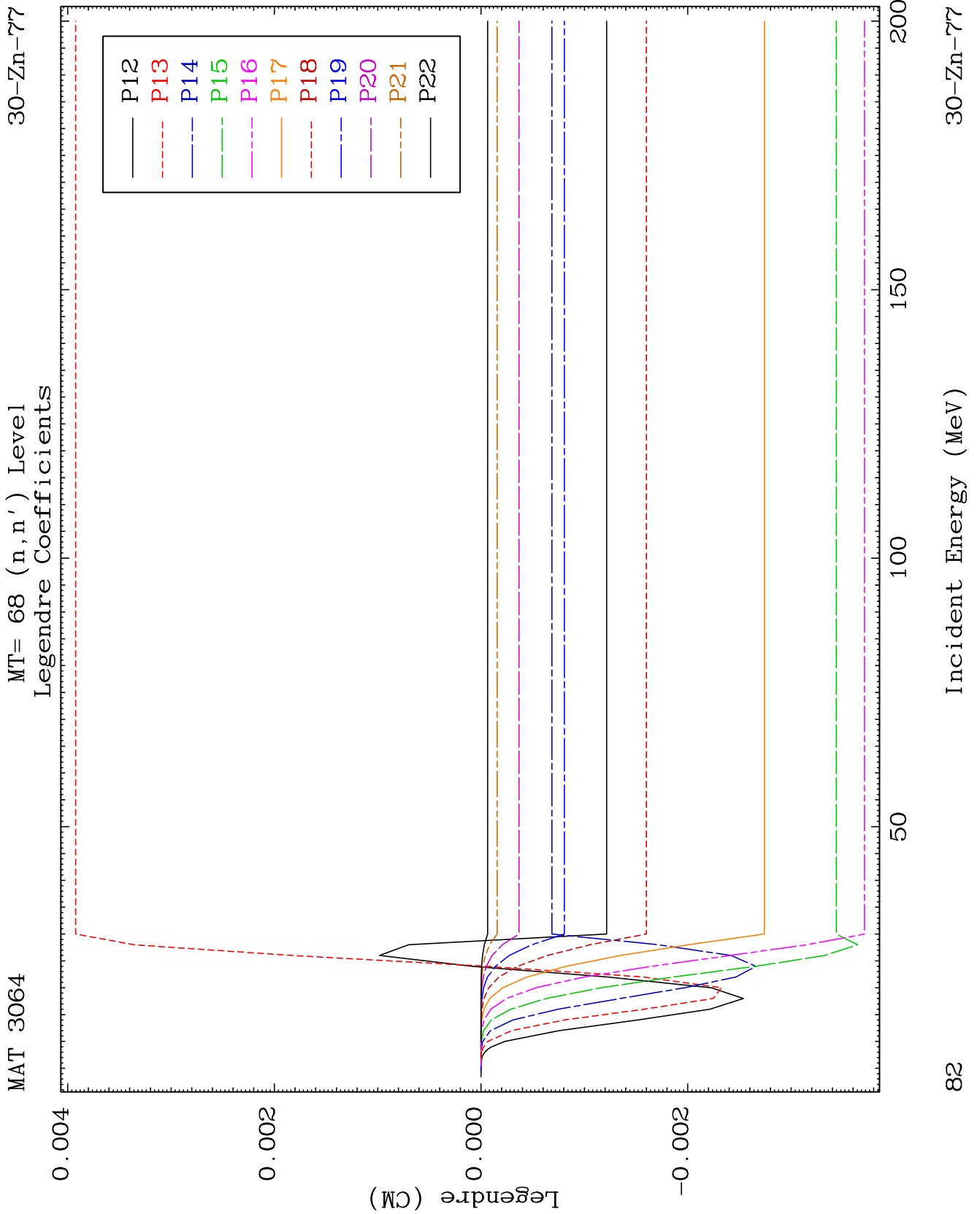
MAT 3064

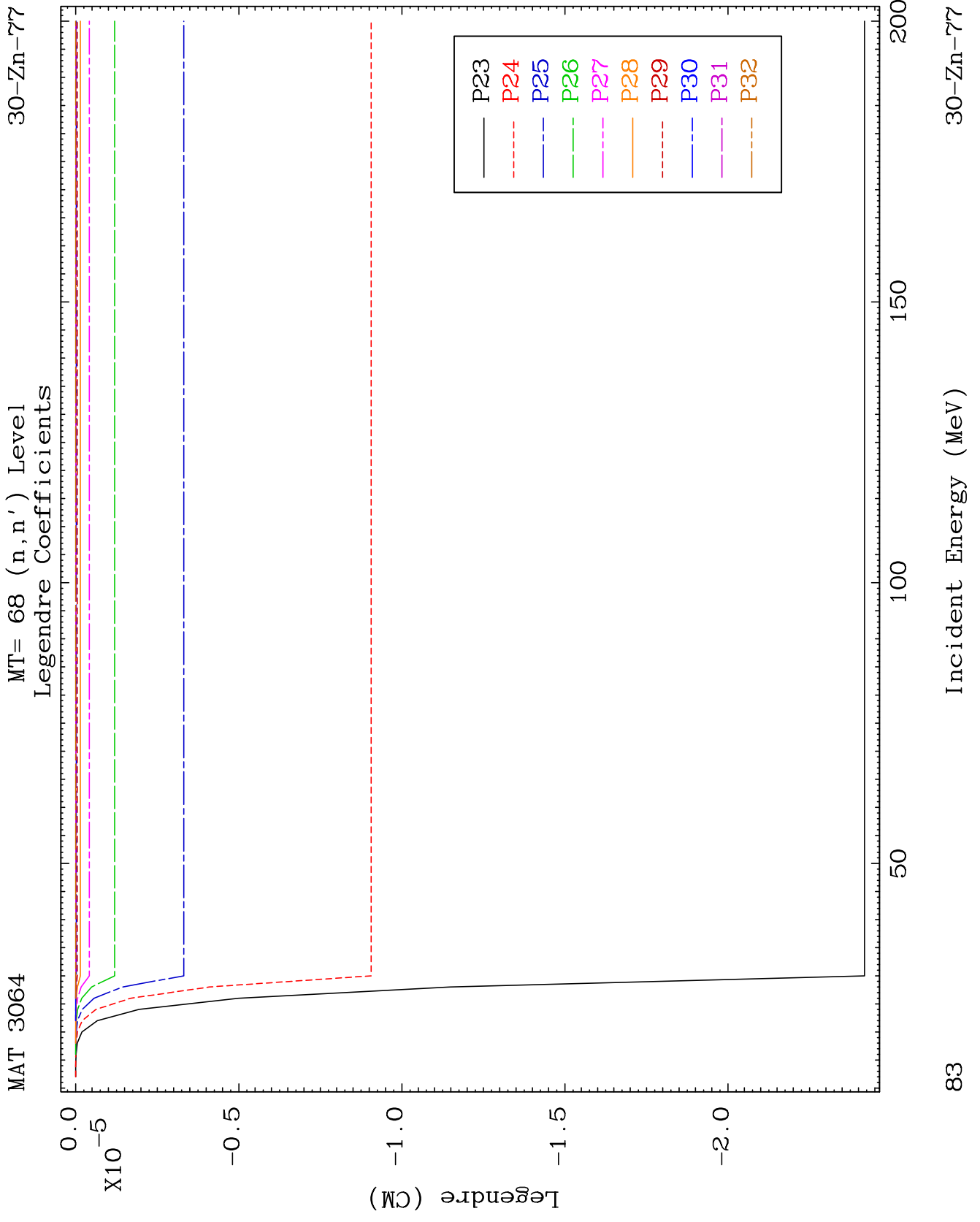
MT= 67 (n,n') Level
Legendre Coefficients

30-Zn-77





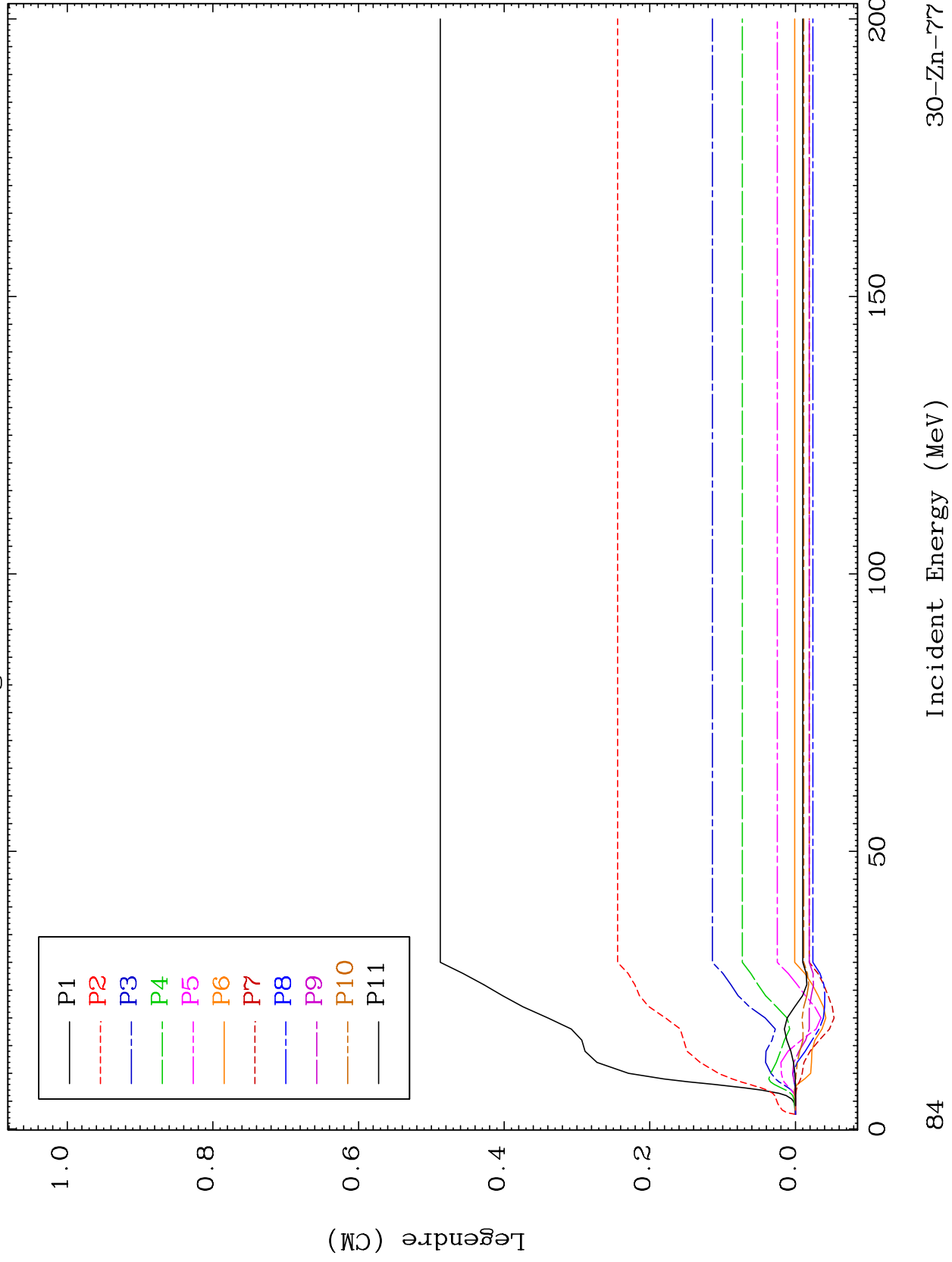




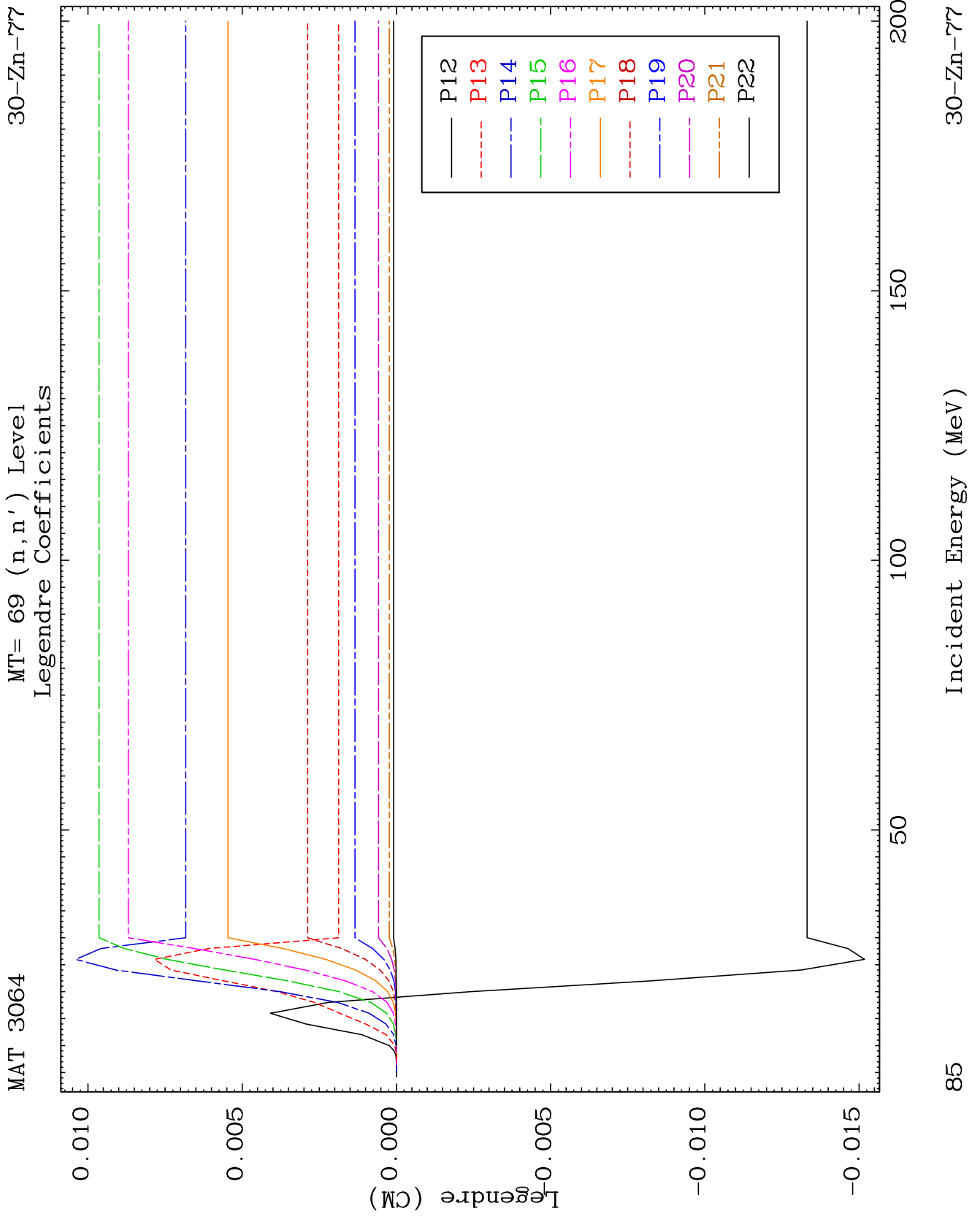
MAT 3064

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

30-Zn-77



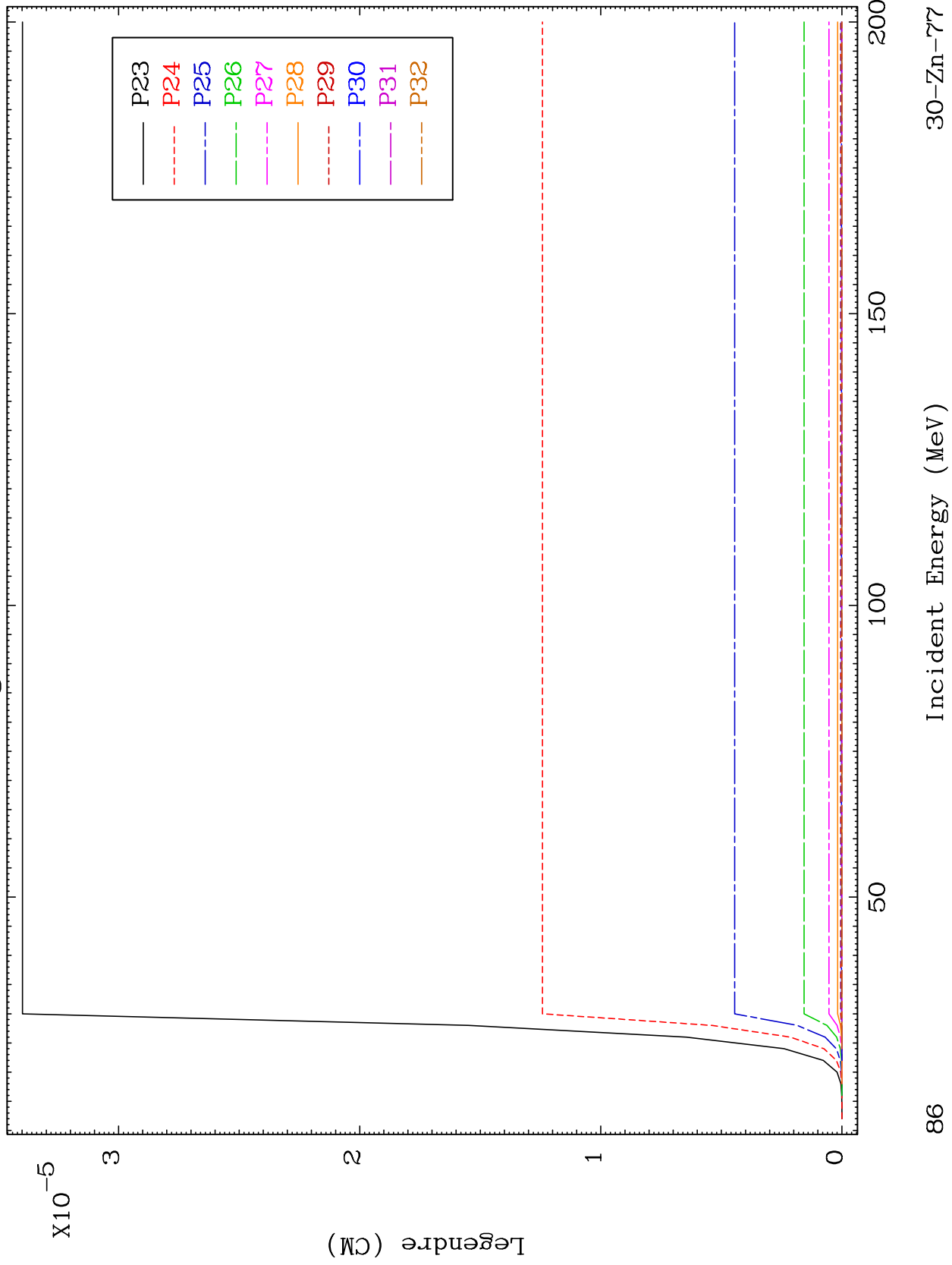
84



MAT 3064

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

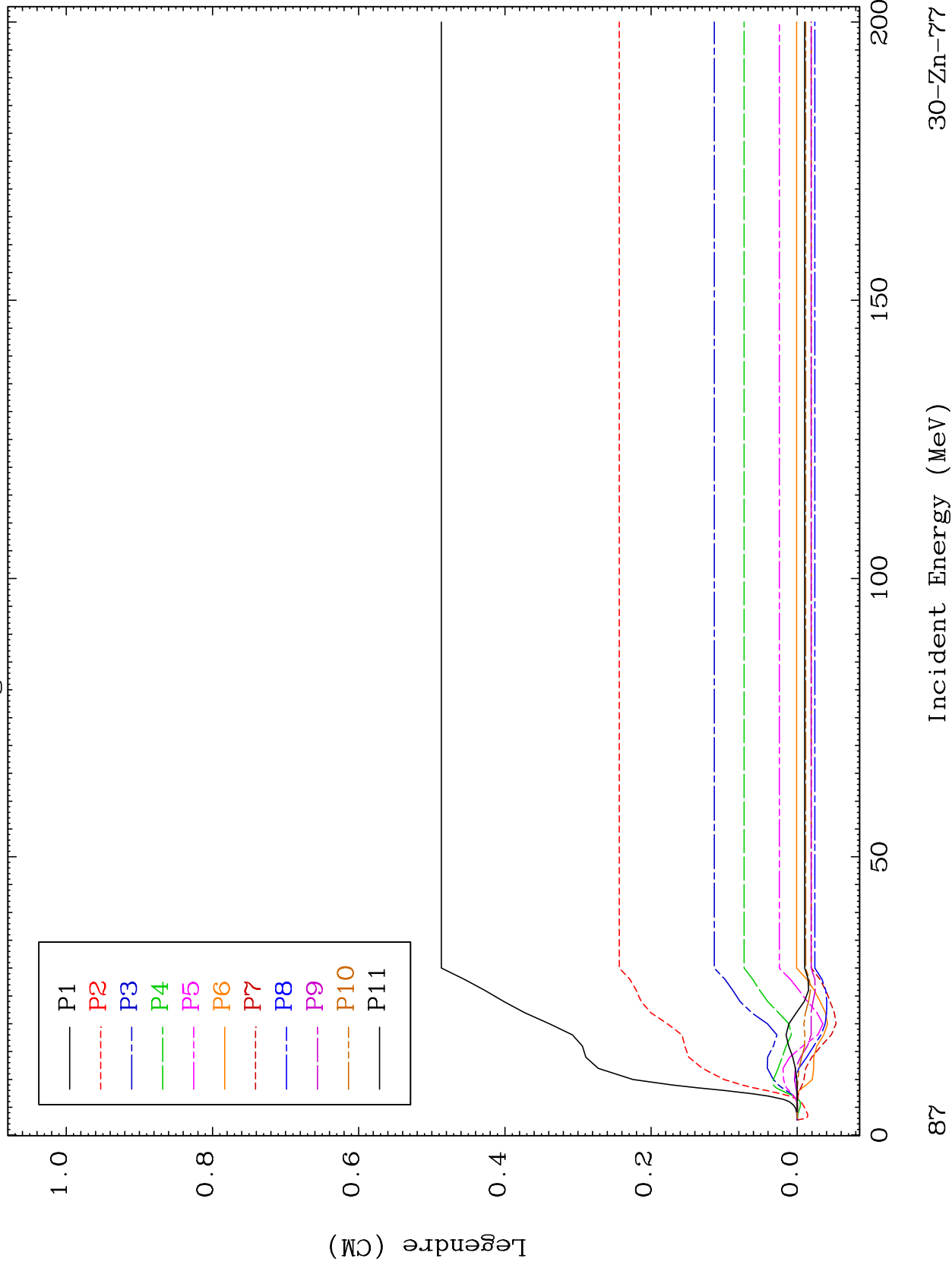
30-Zn-77



MAT 3064

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

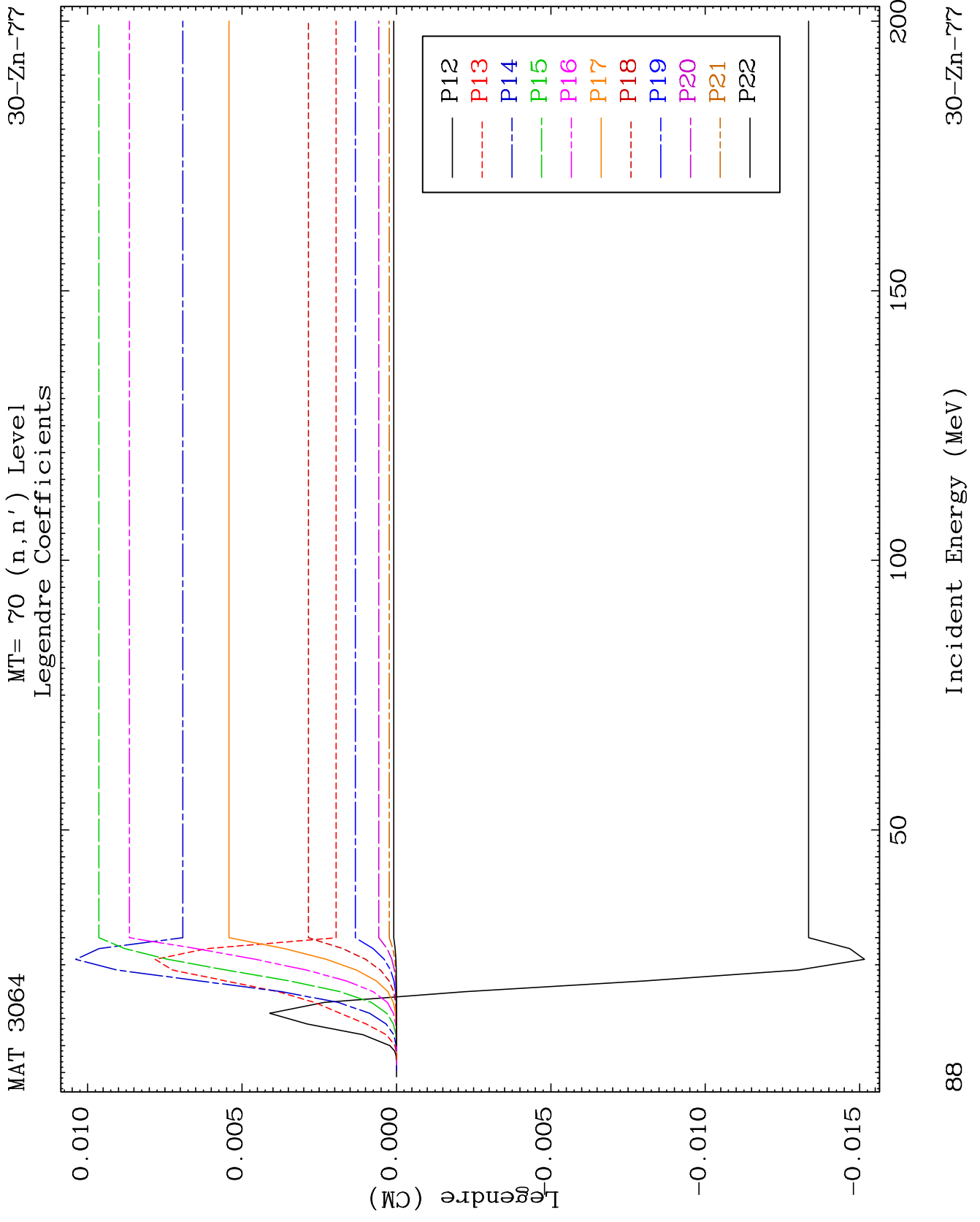
30-Zn-77

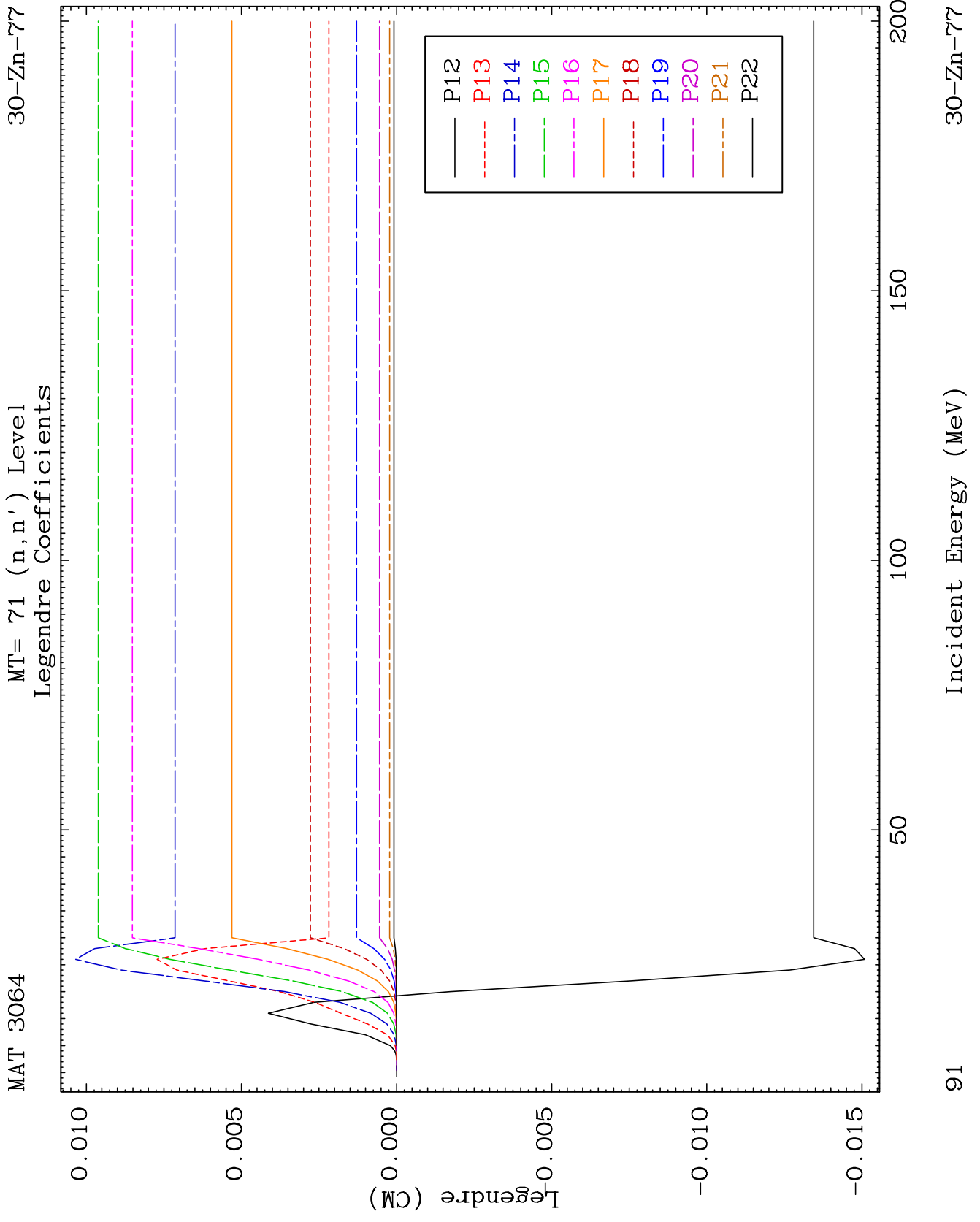


87

Incident Energy (MeV)

30-Zn-77

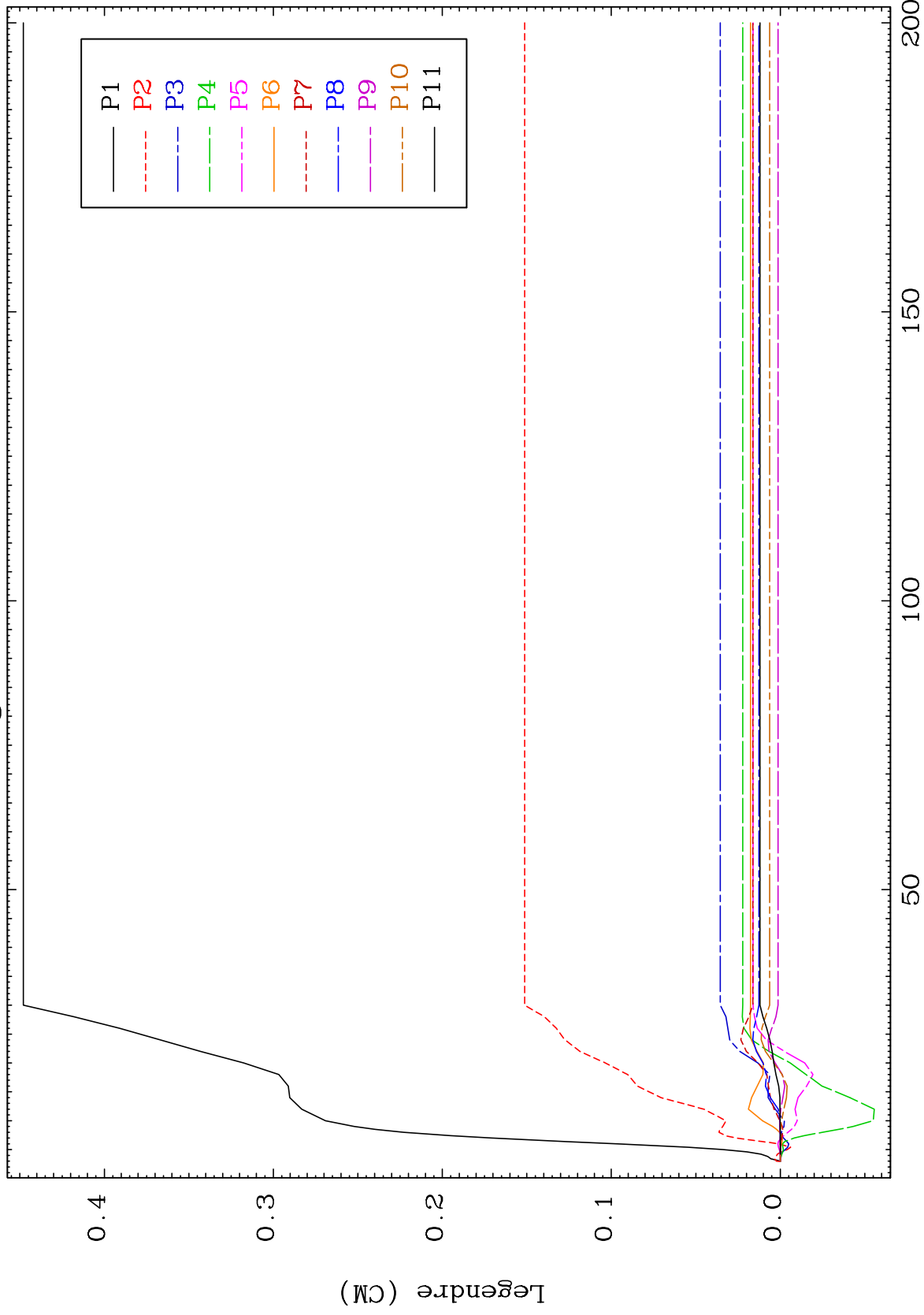




MAT 3064

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

30-Zn-77



93

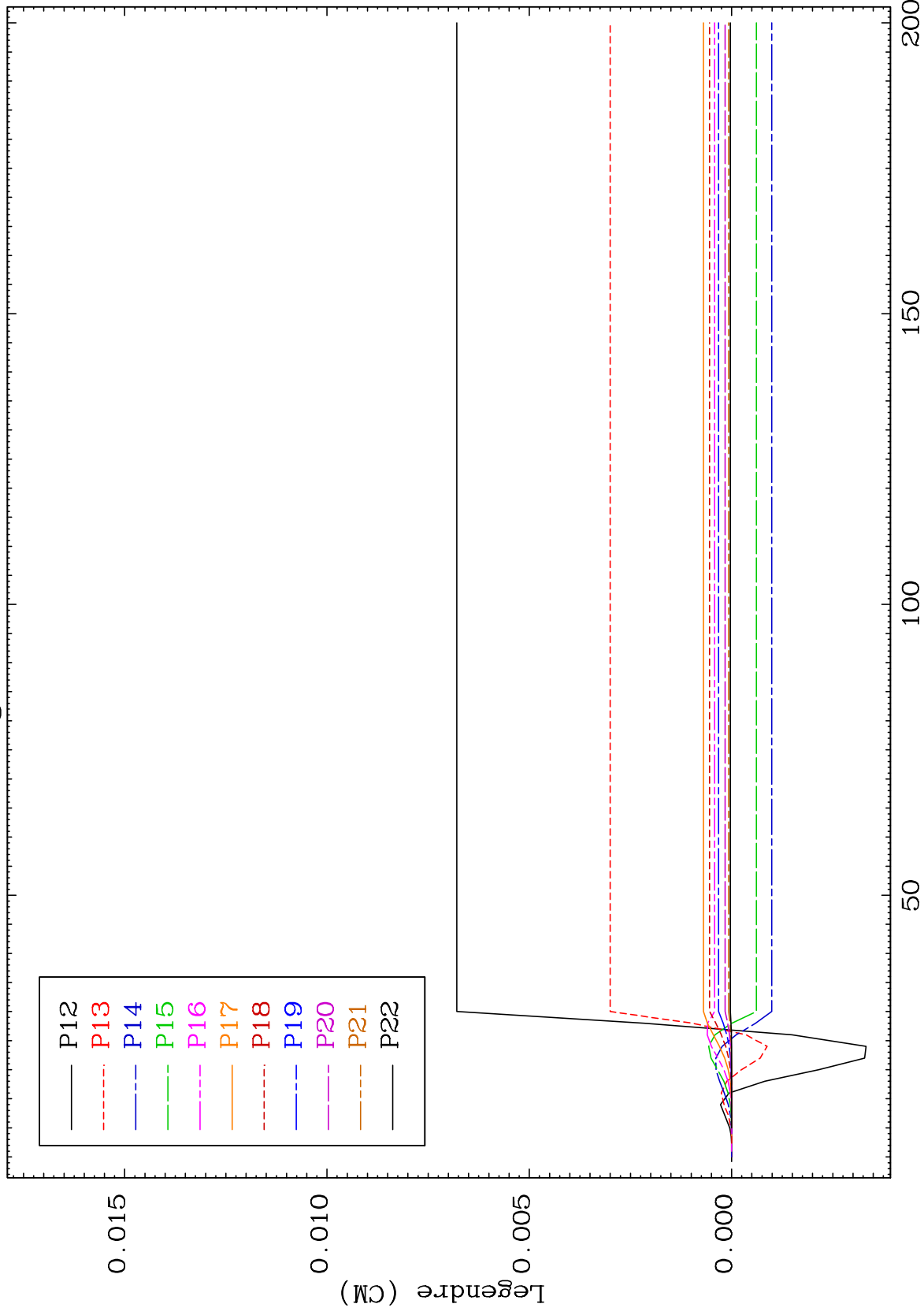
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

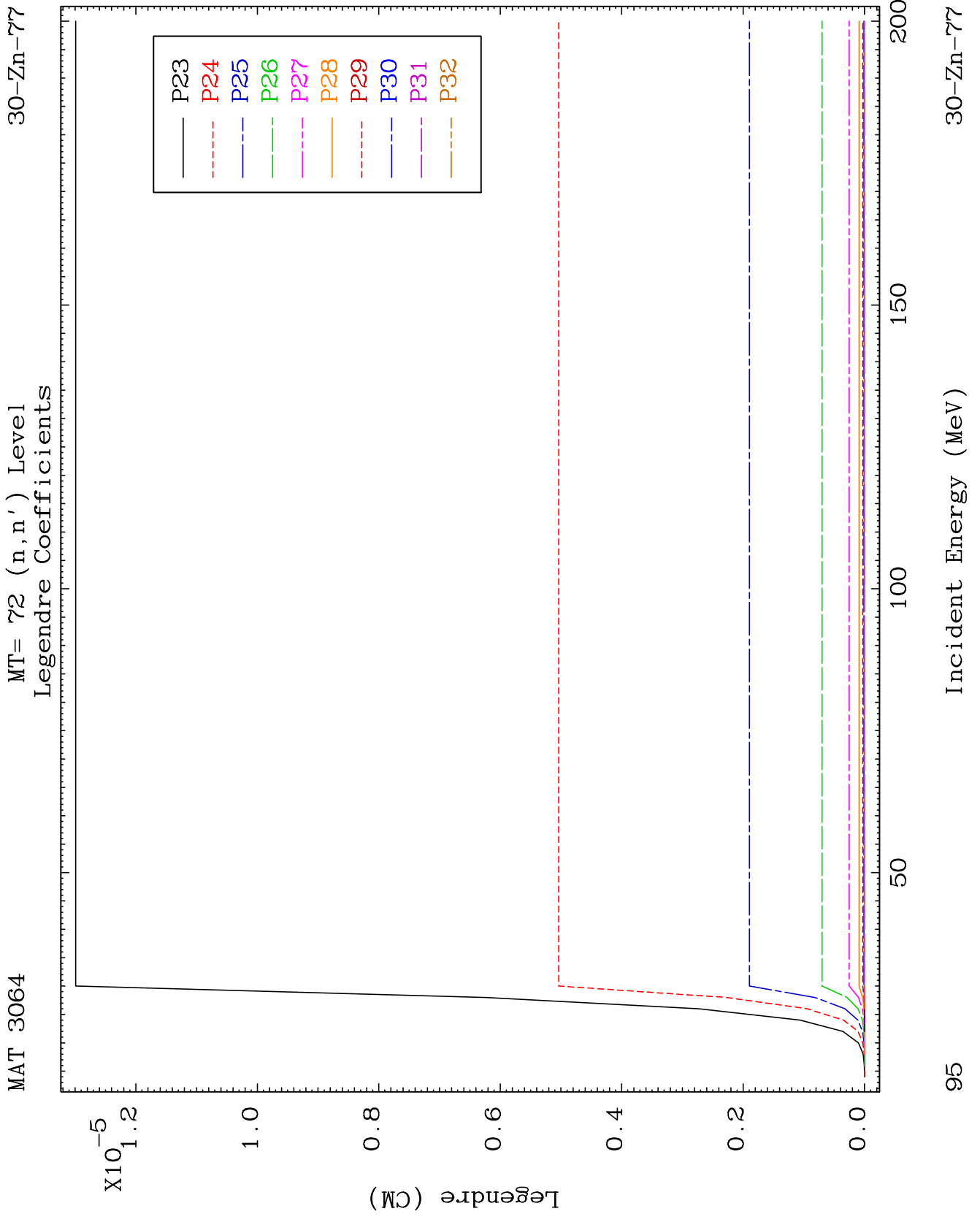
30-Zn-77



94

Incident Energy (MeV)

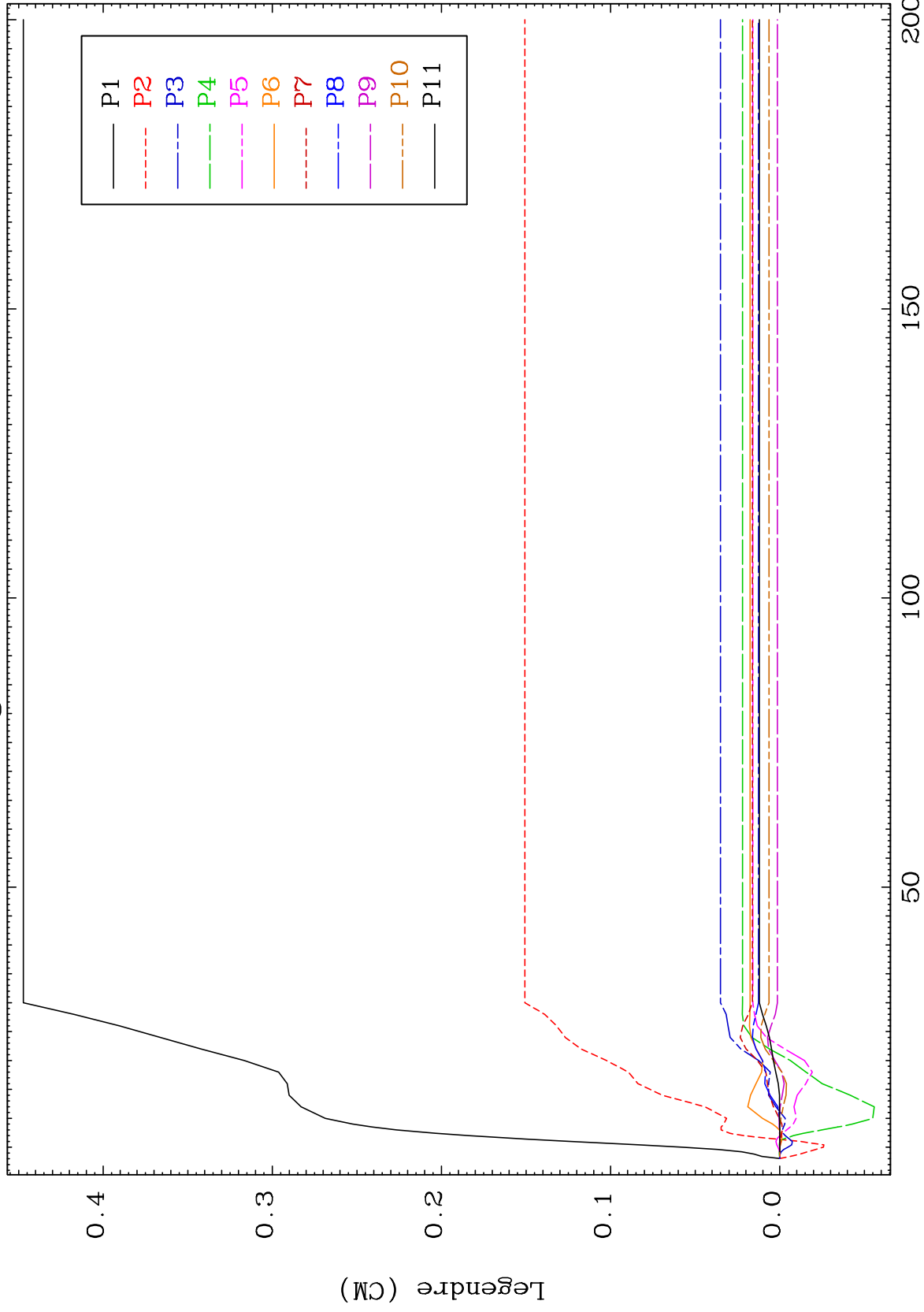
30-Zn-77



MAT 3064

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

30-Zn-77



96

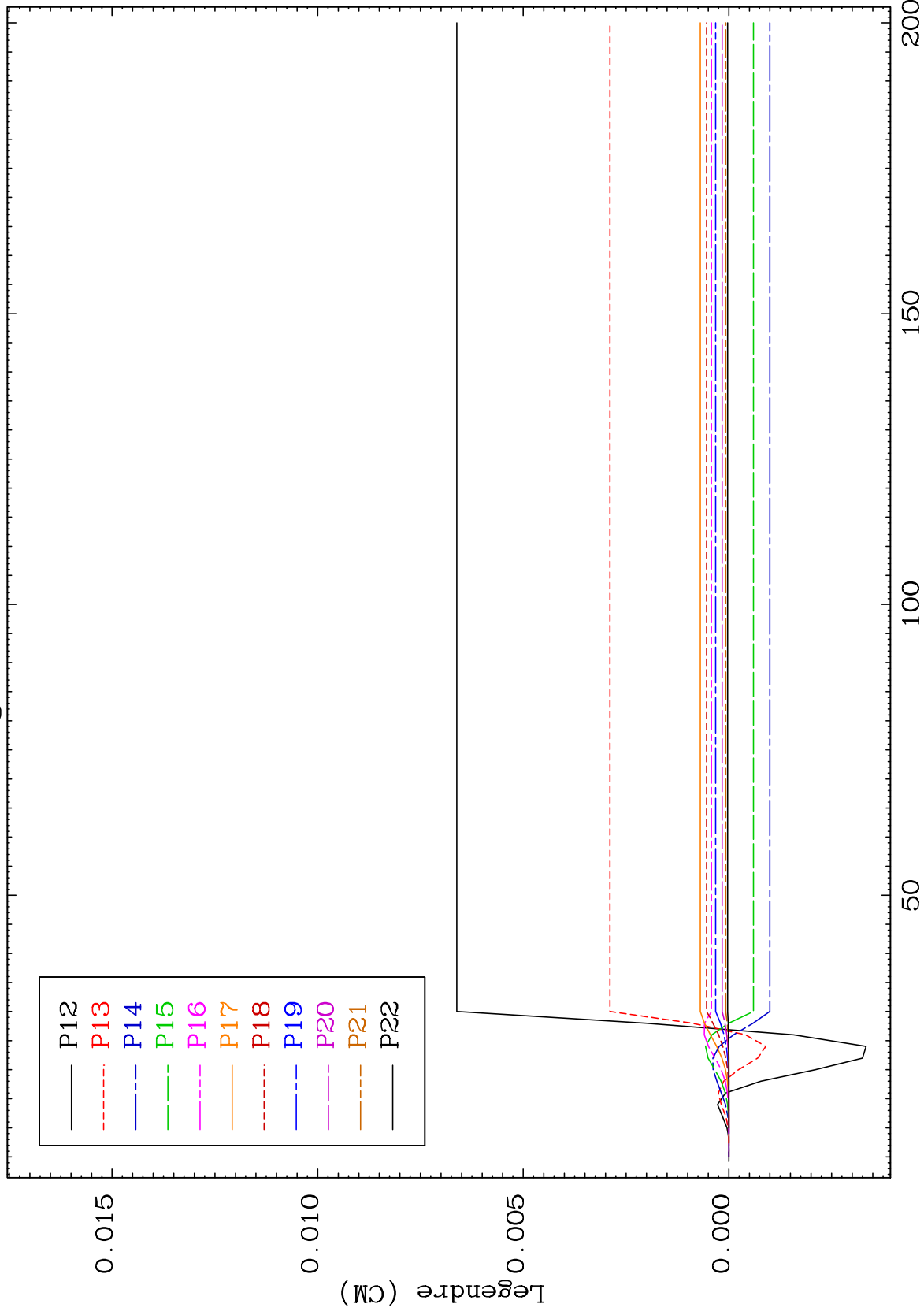
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



97

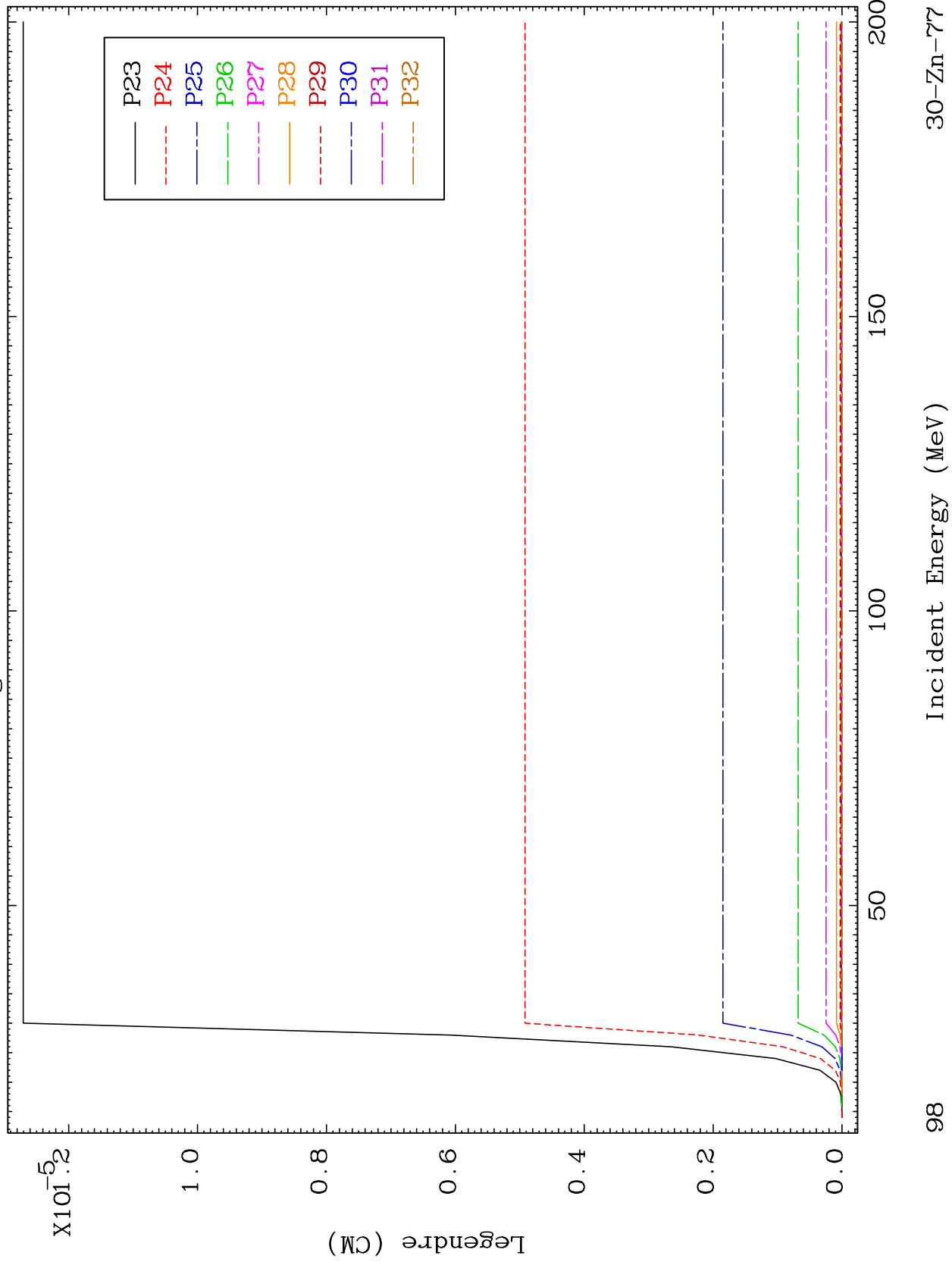
Incident Energy (MeV)

30-Zn-77

MAT 3064

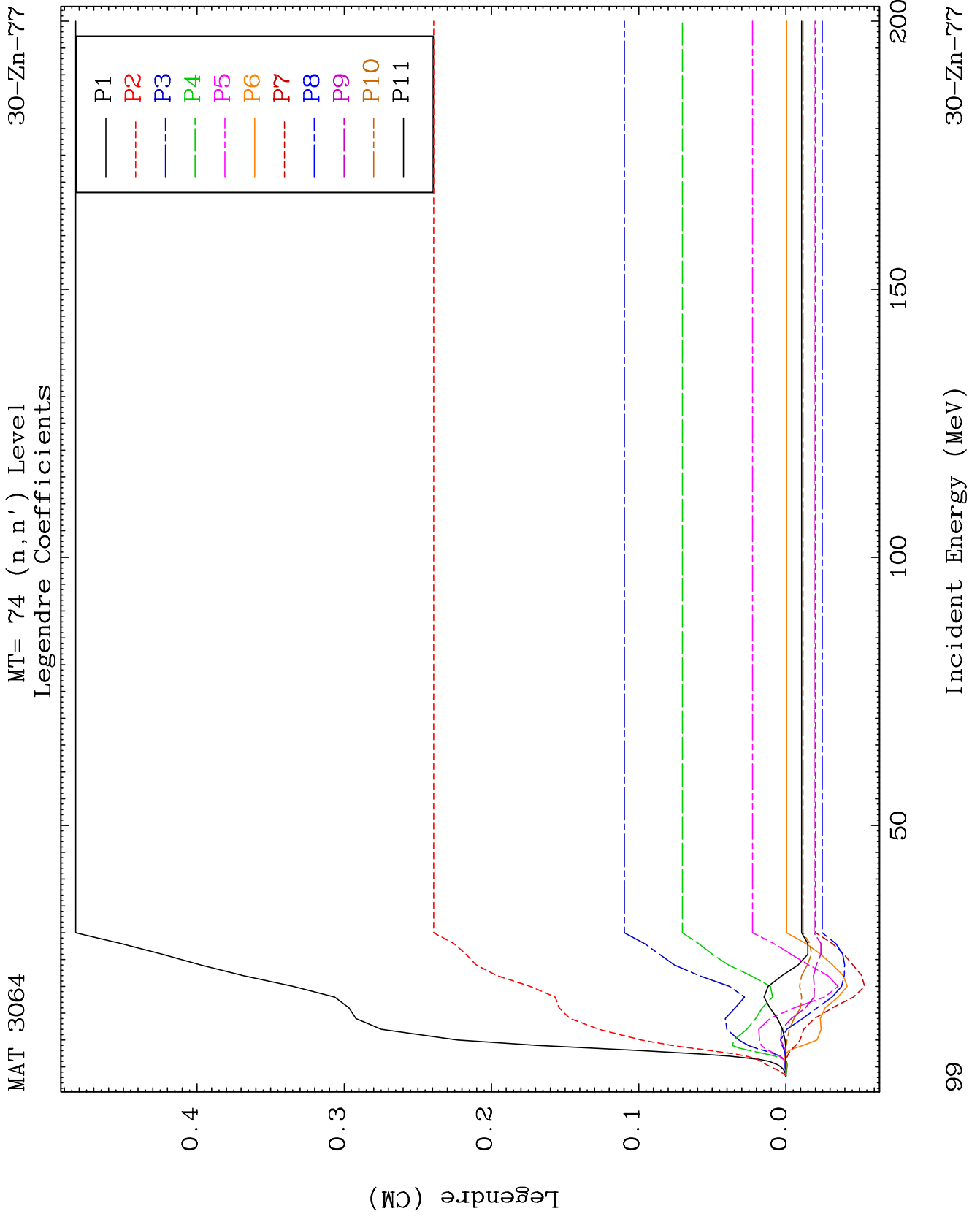
MT= 73 (n,n') Level
Legendre Coefficients

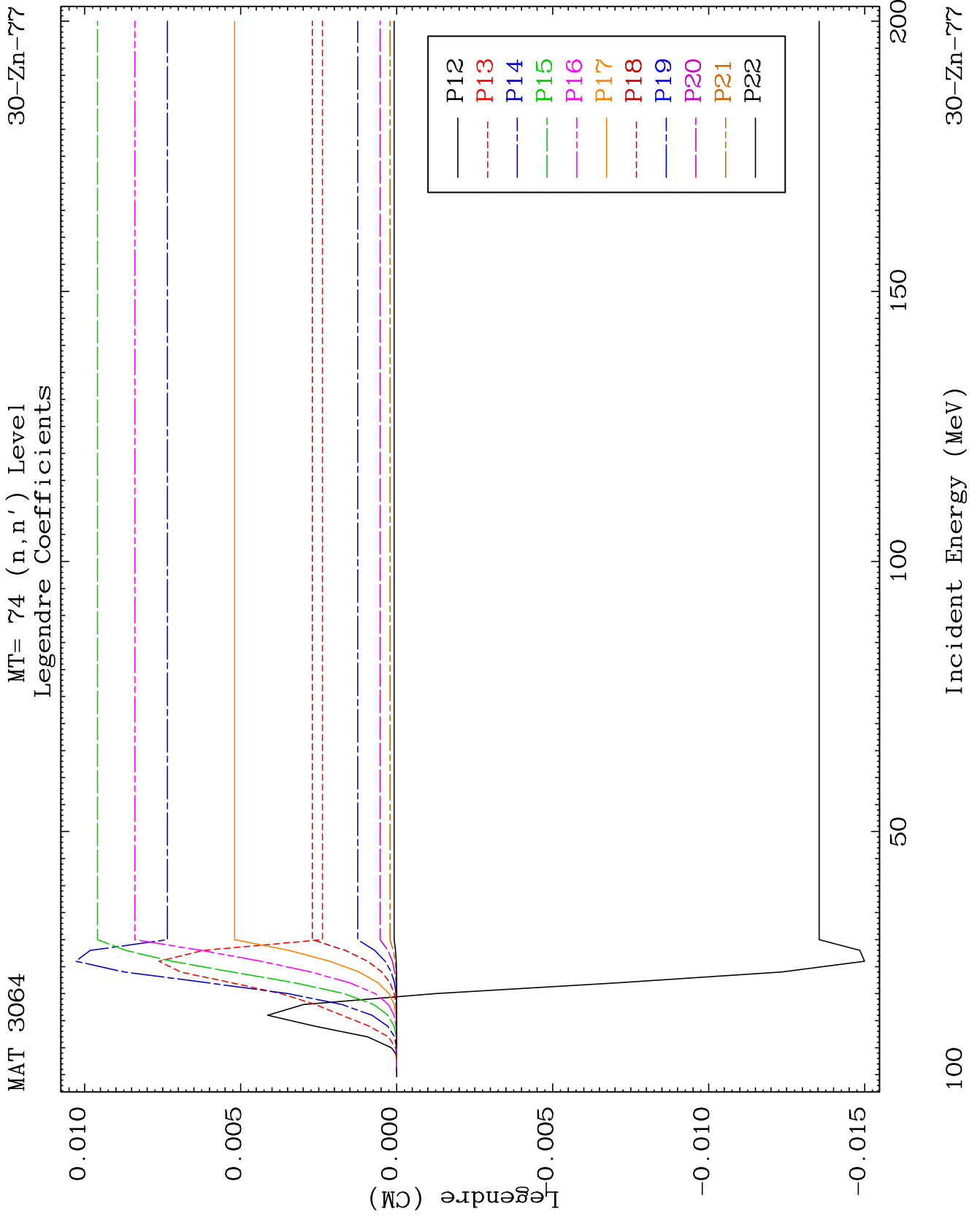
30-Zn-77



98

30-Zn-77

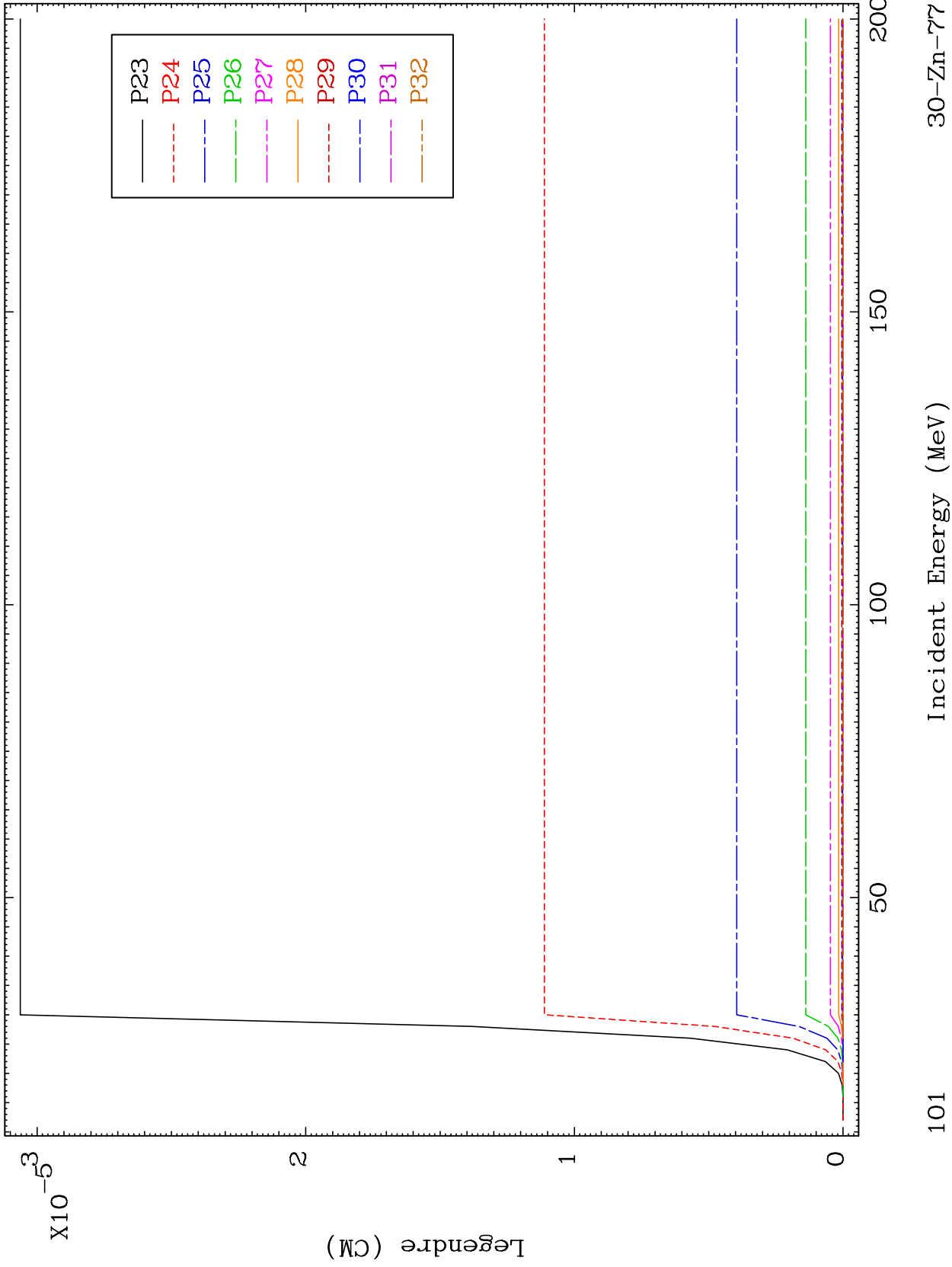


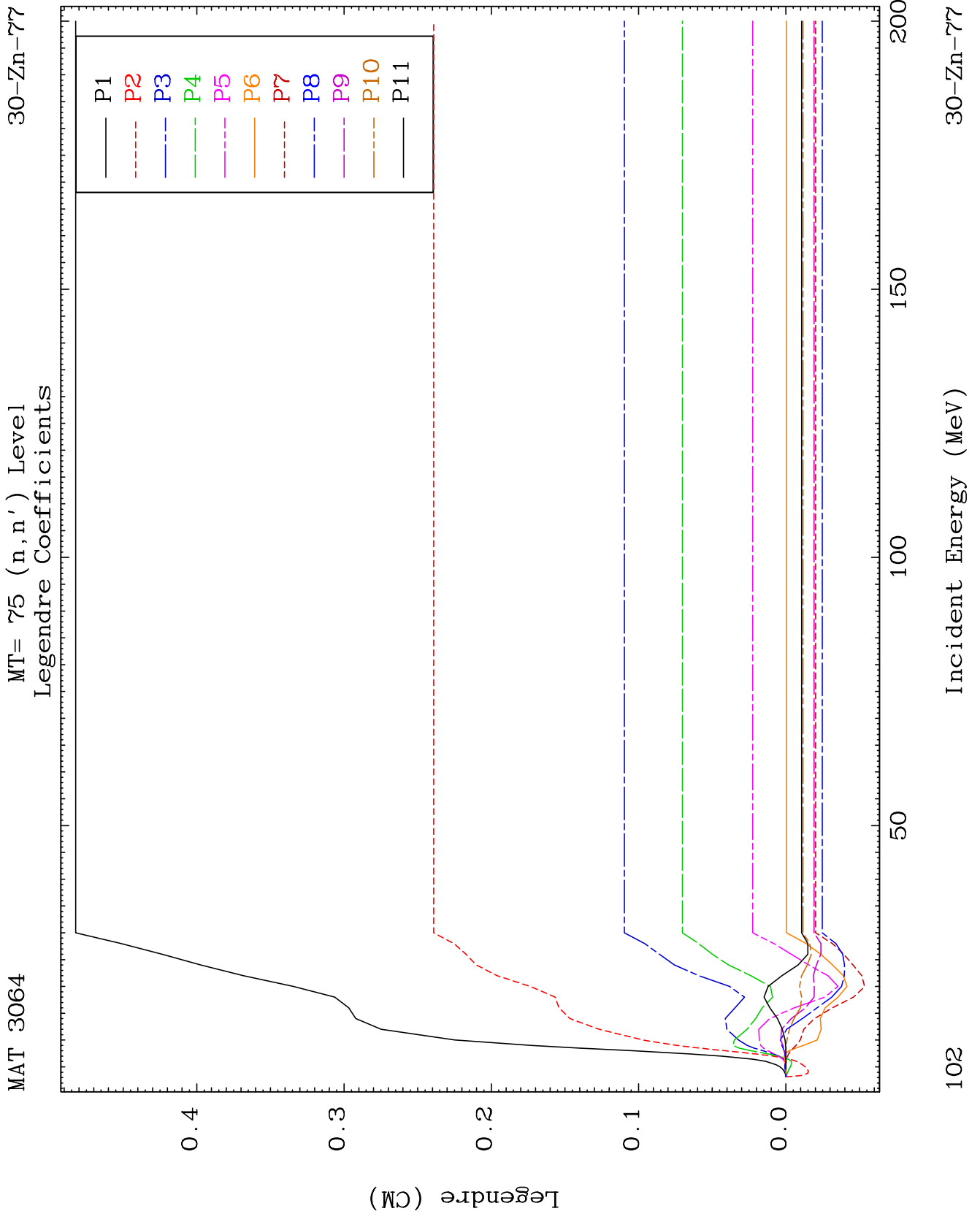


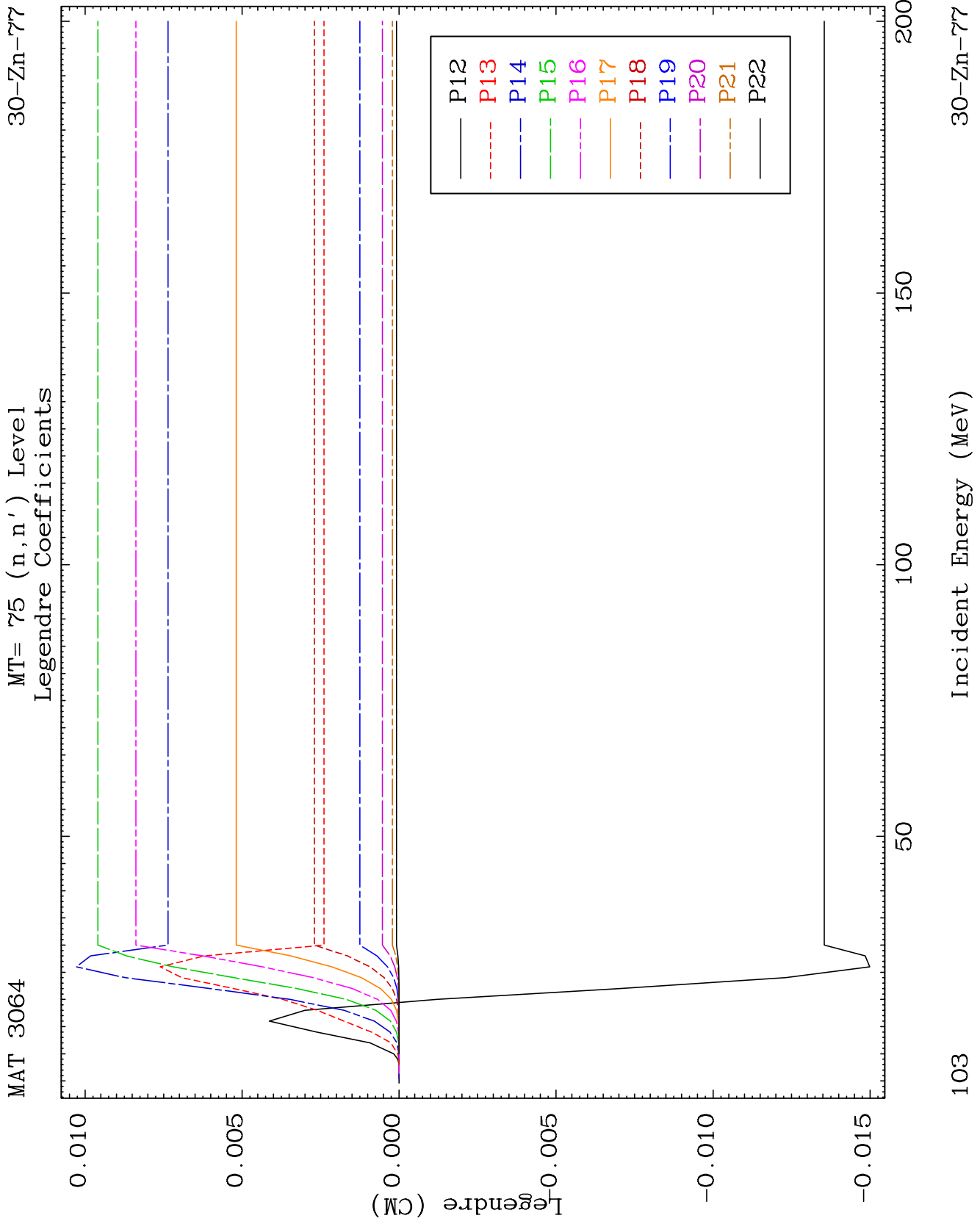
MAT 3064

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

30-Zn-77



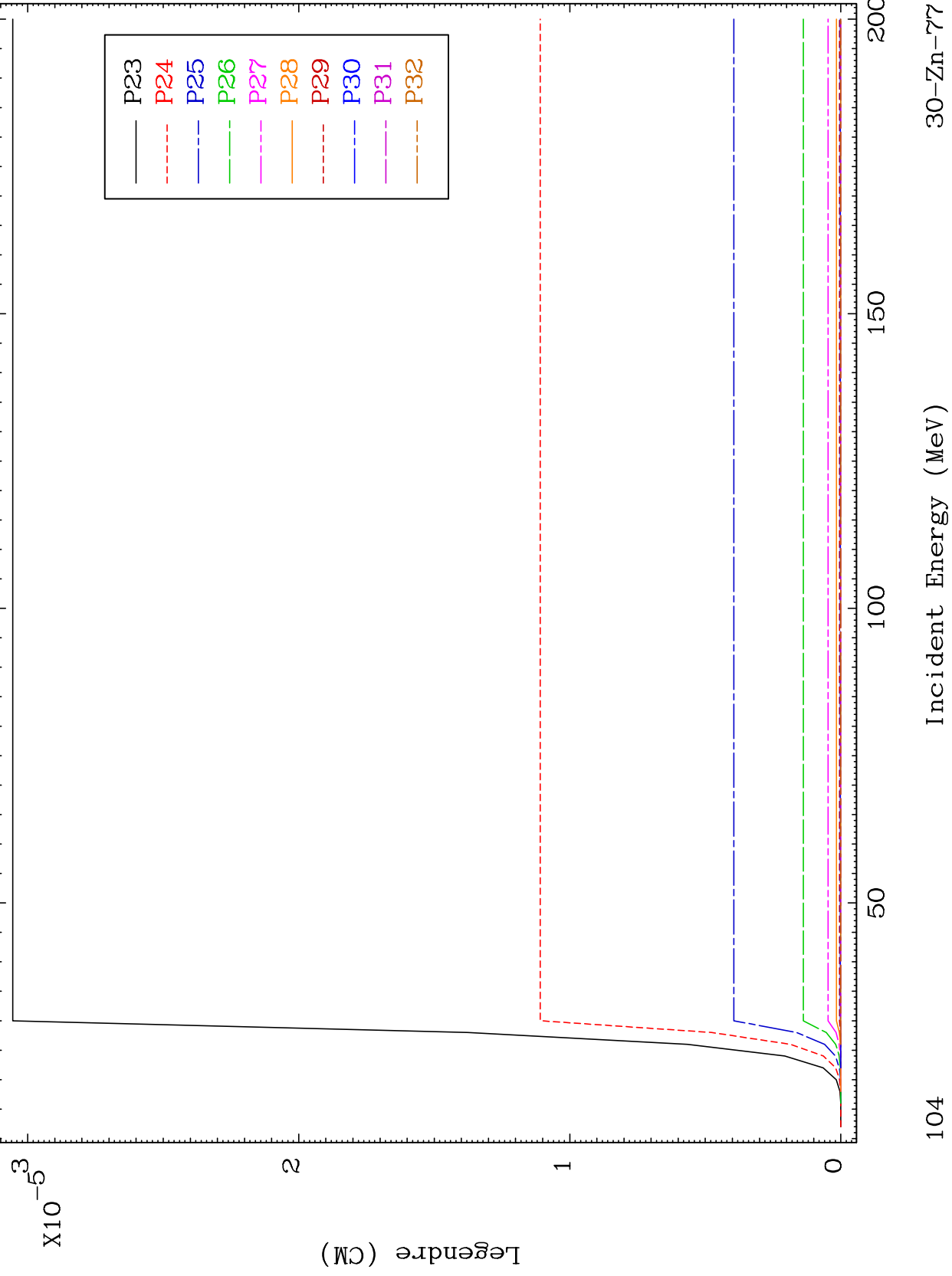


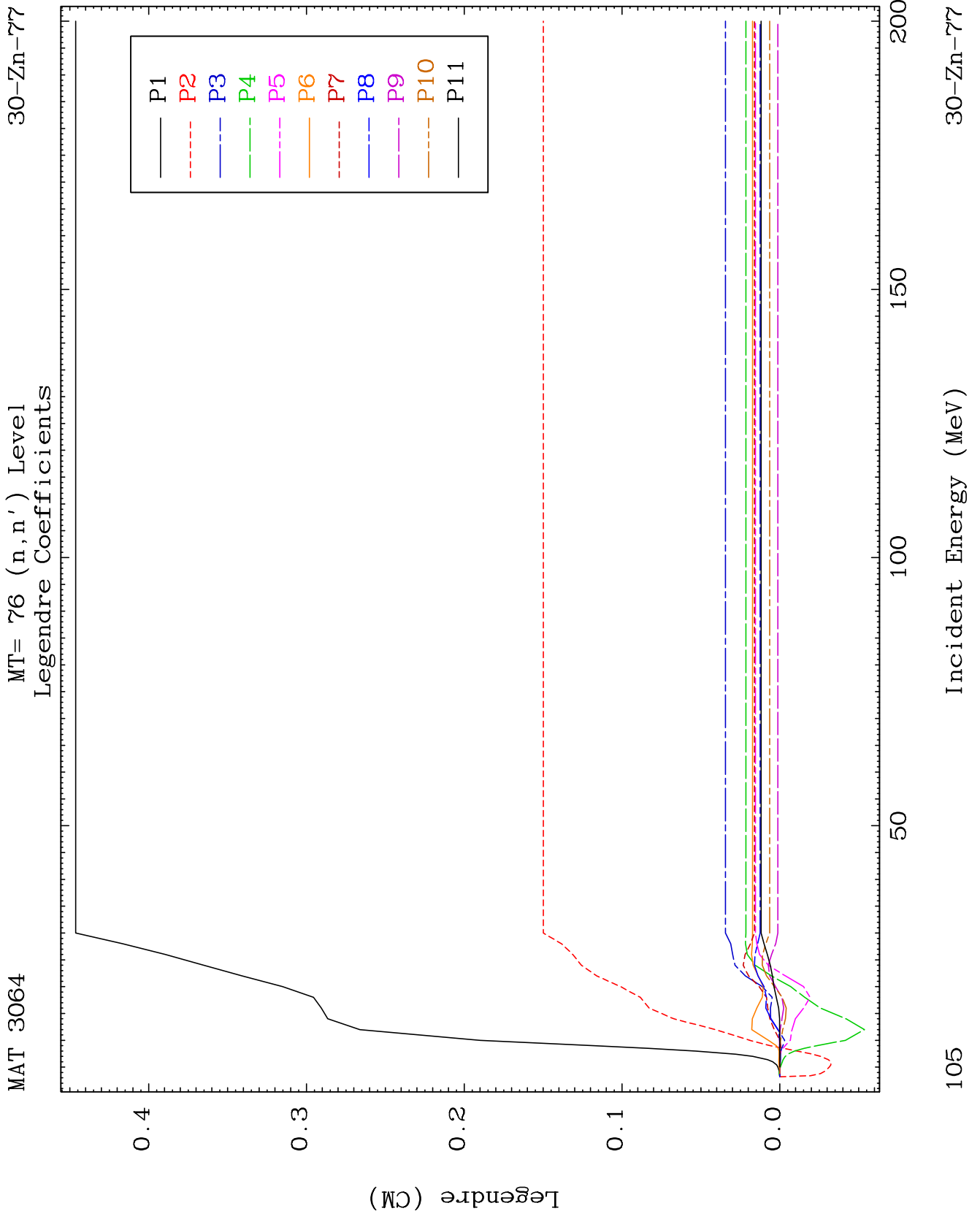


MAT 3064

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

30-Zn-77

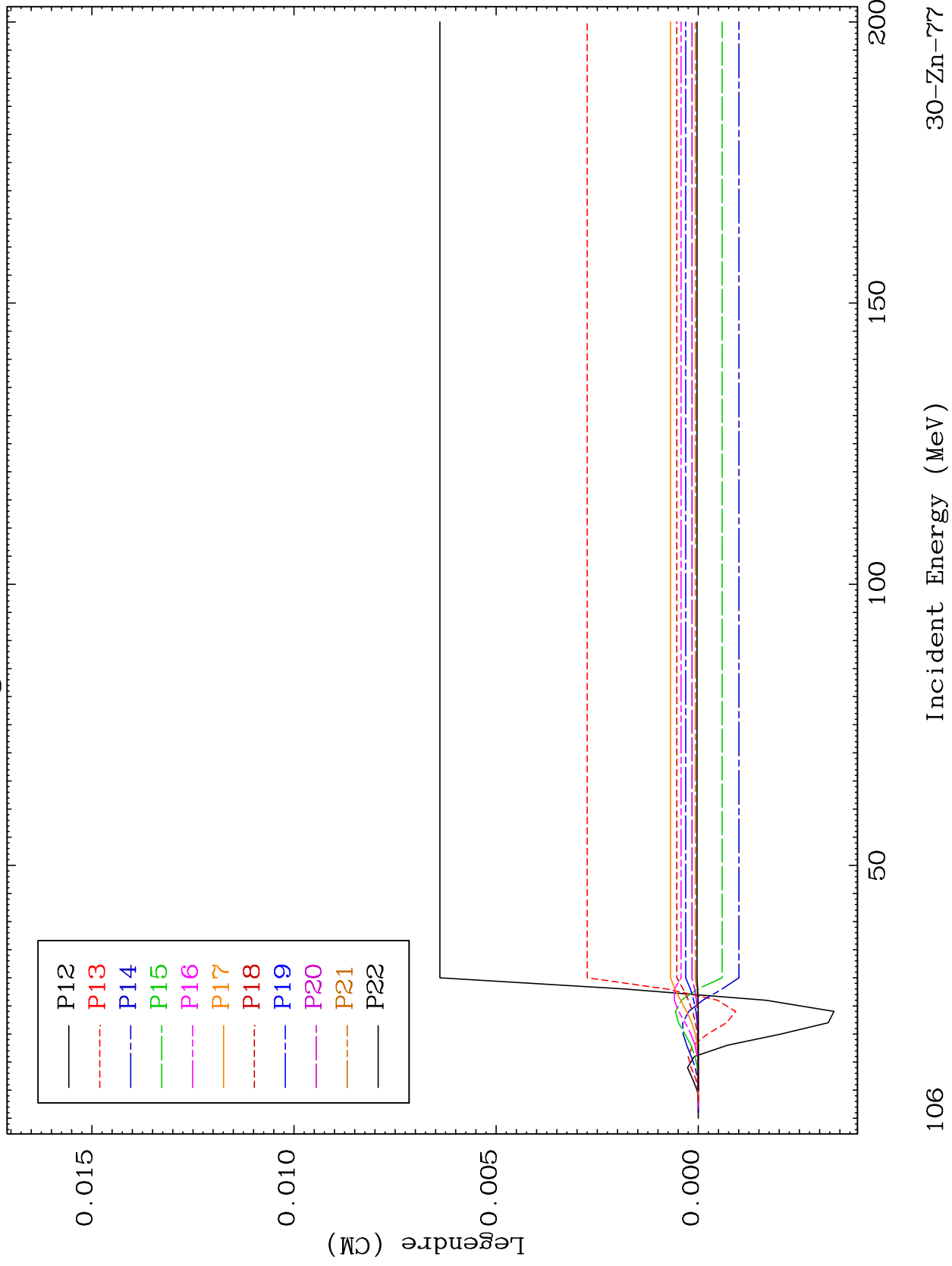




MAT 3064

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

30-Zn-77



106

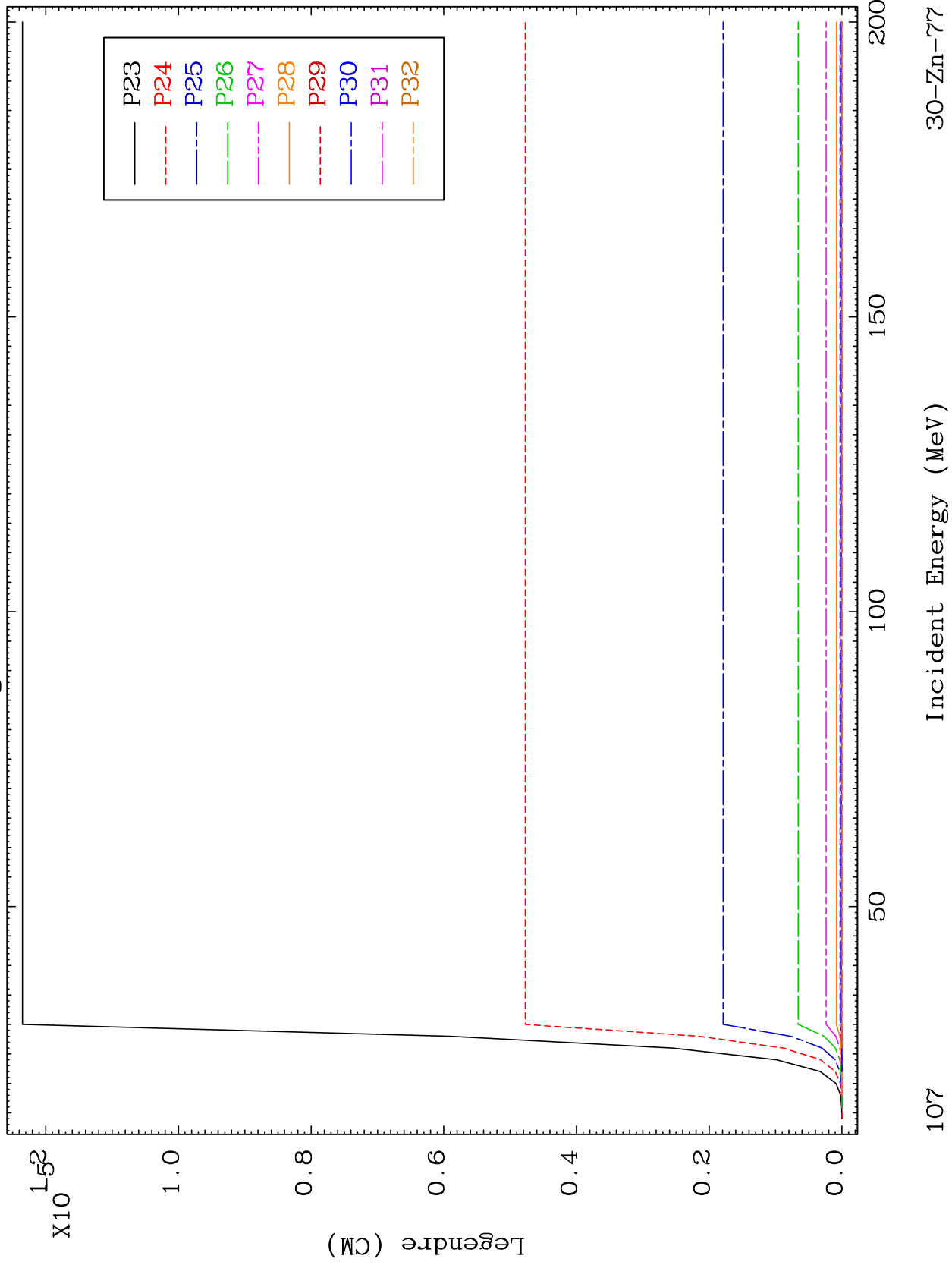
Incident Energy (MeV)

30-Zn-77

MAT 3064

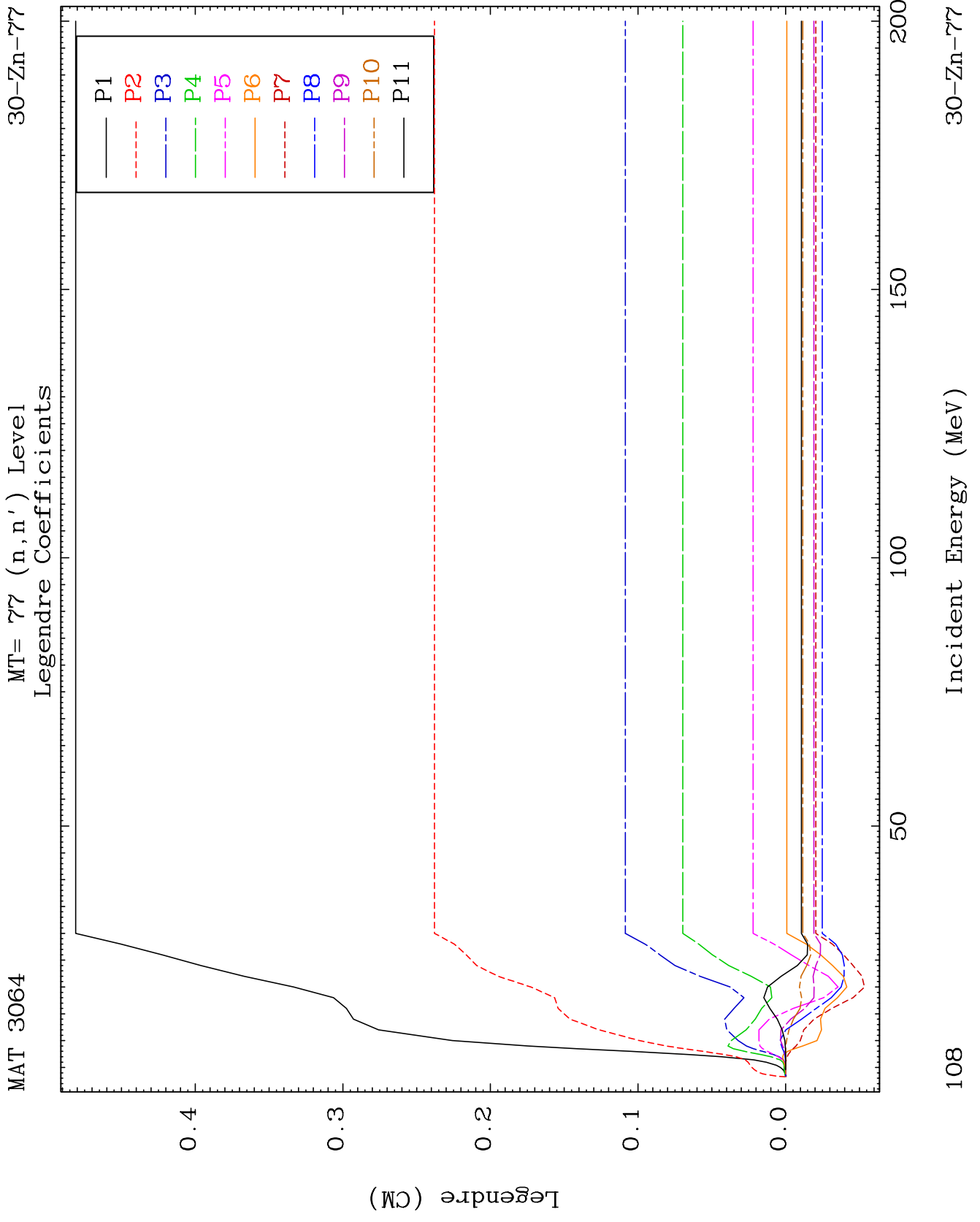
MT= 76 (n,n') Level
Legendre Coefficients

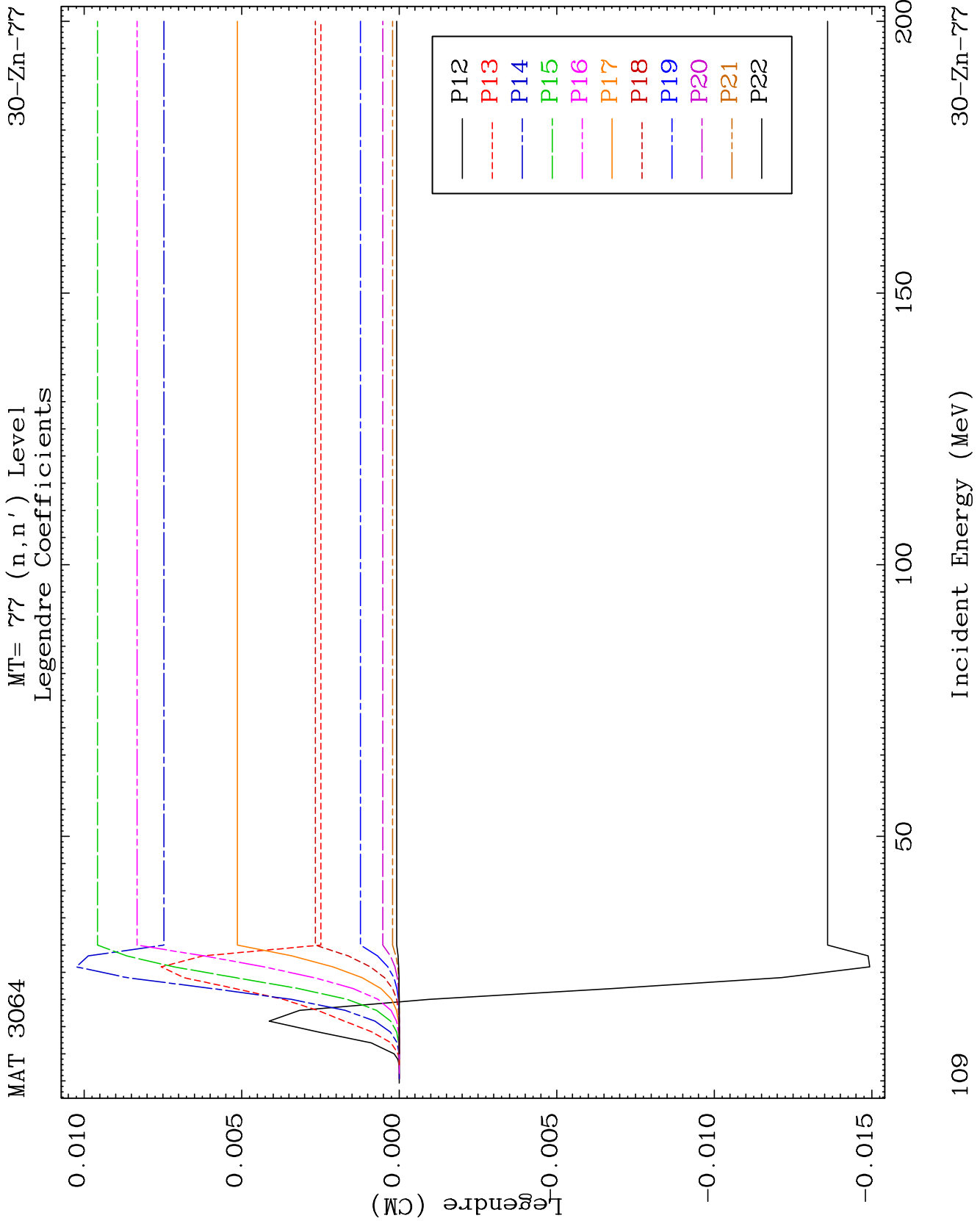
30-Zn-77

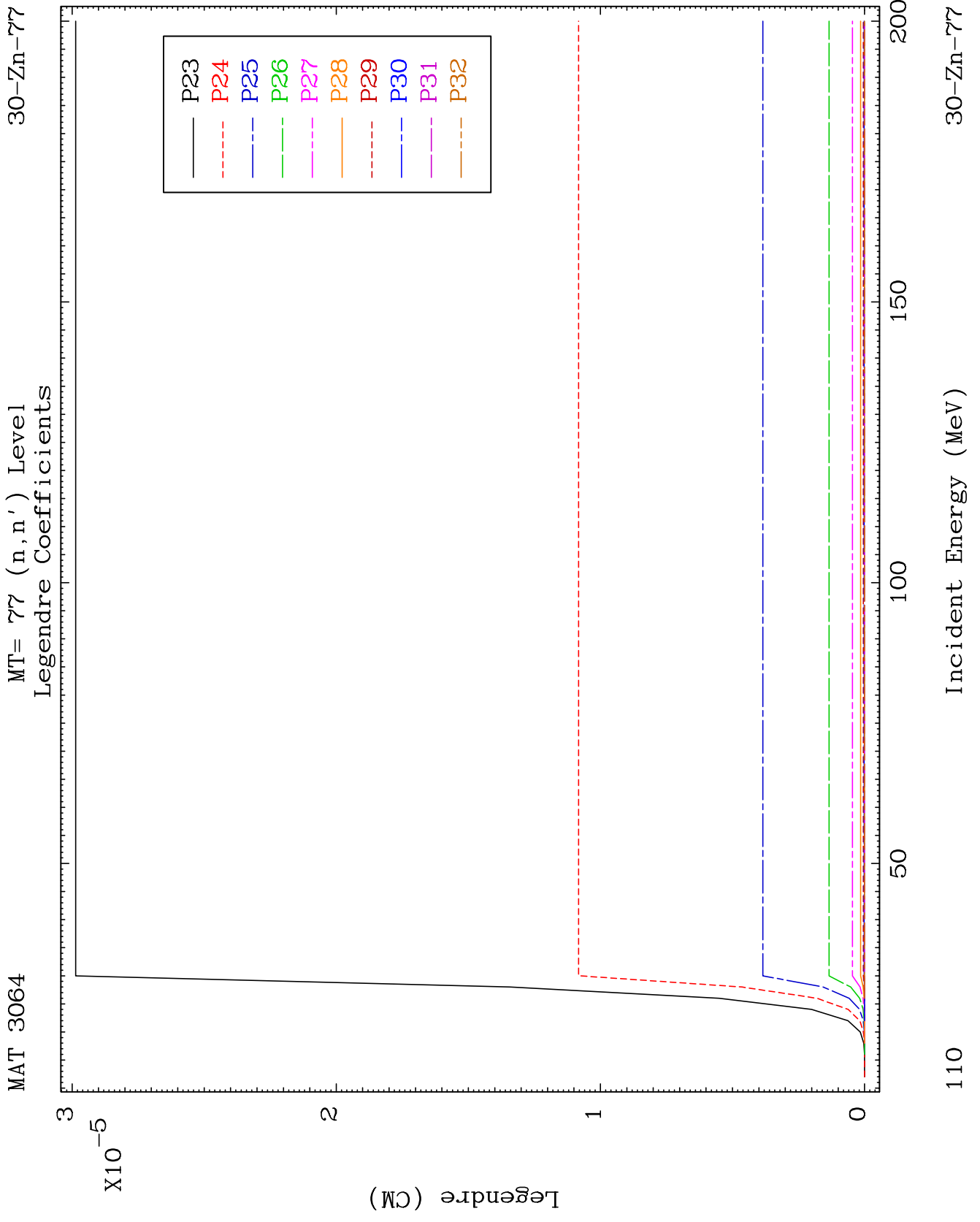


107

30-Zn-77



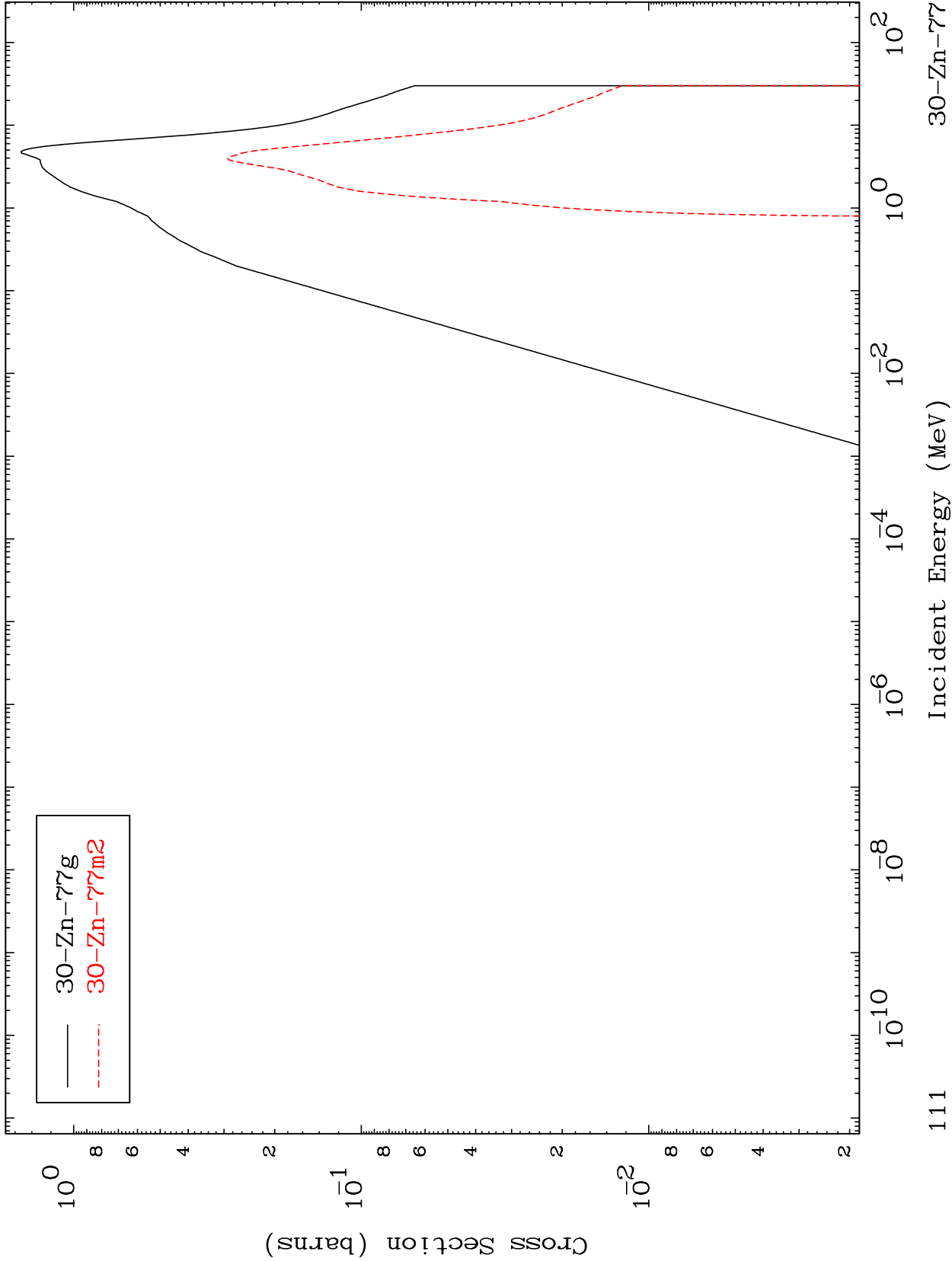




MAT 3064

Inelastic
Radionuclide Production Cross Section

30-Zn-77



Radionuclide Production Cross Section

