

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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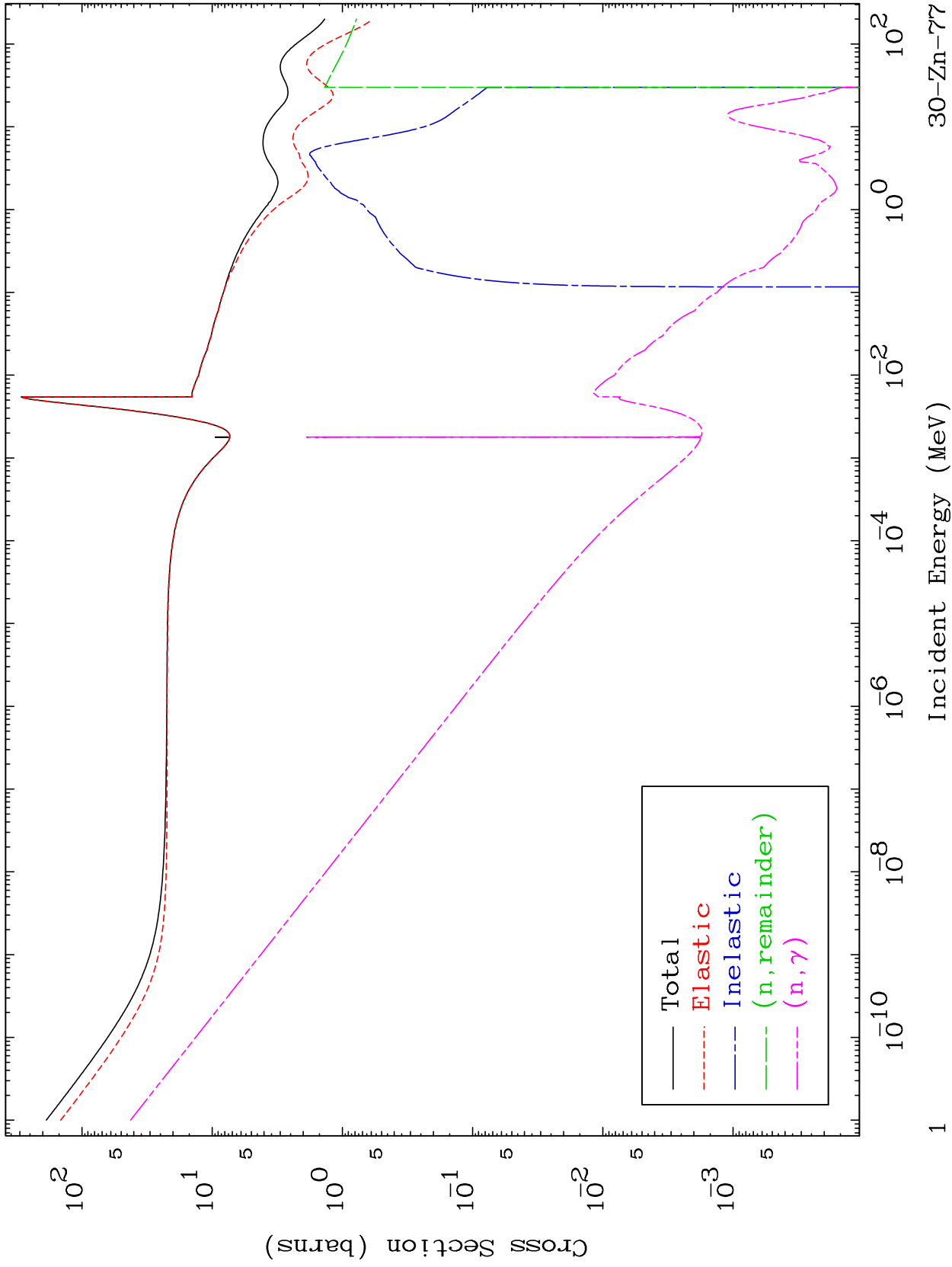
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3064

Major  
293 Kelvin Cross Sections

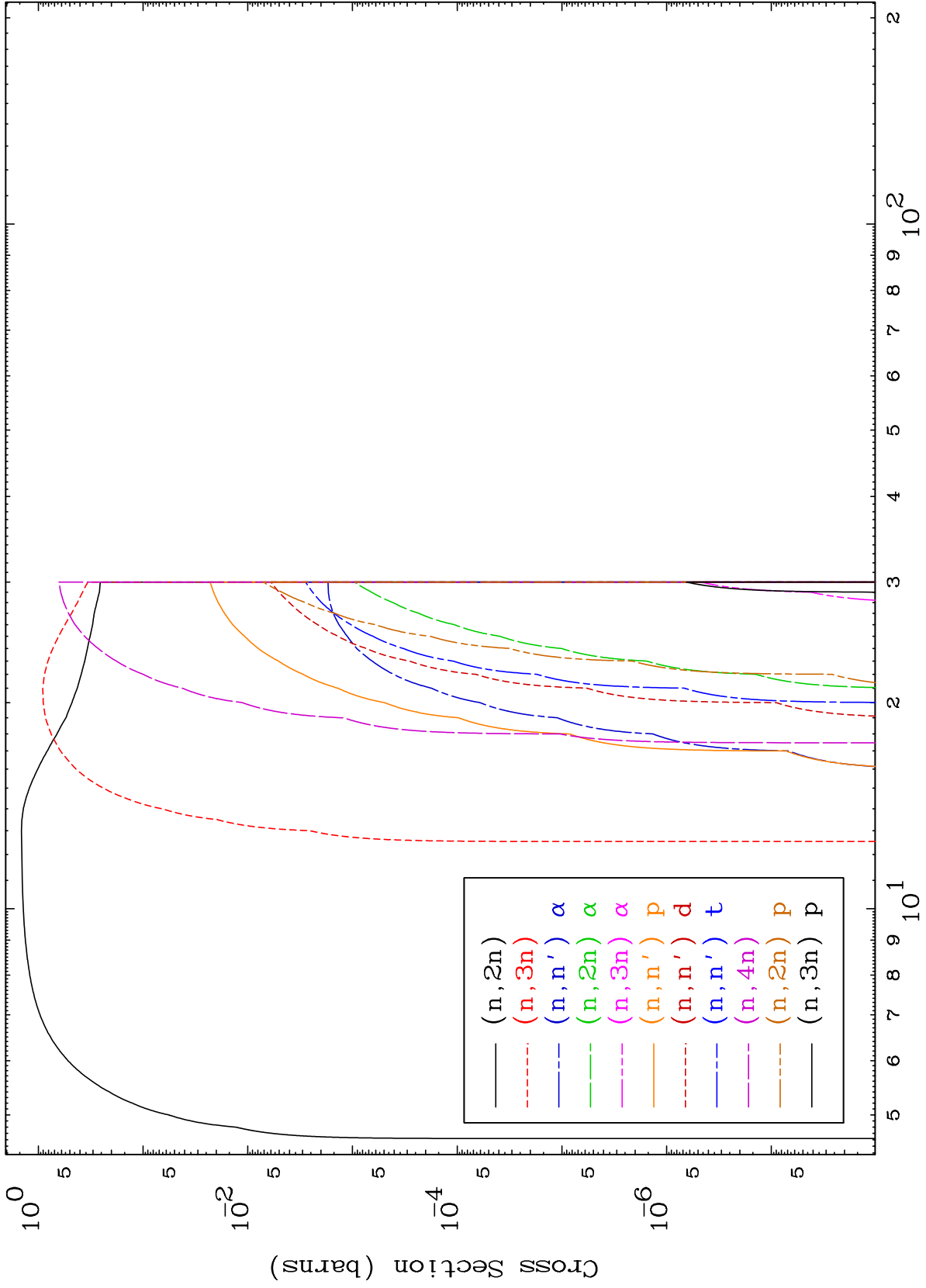
30-Zn-77

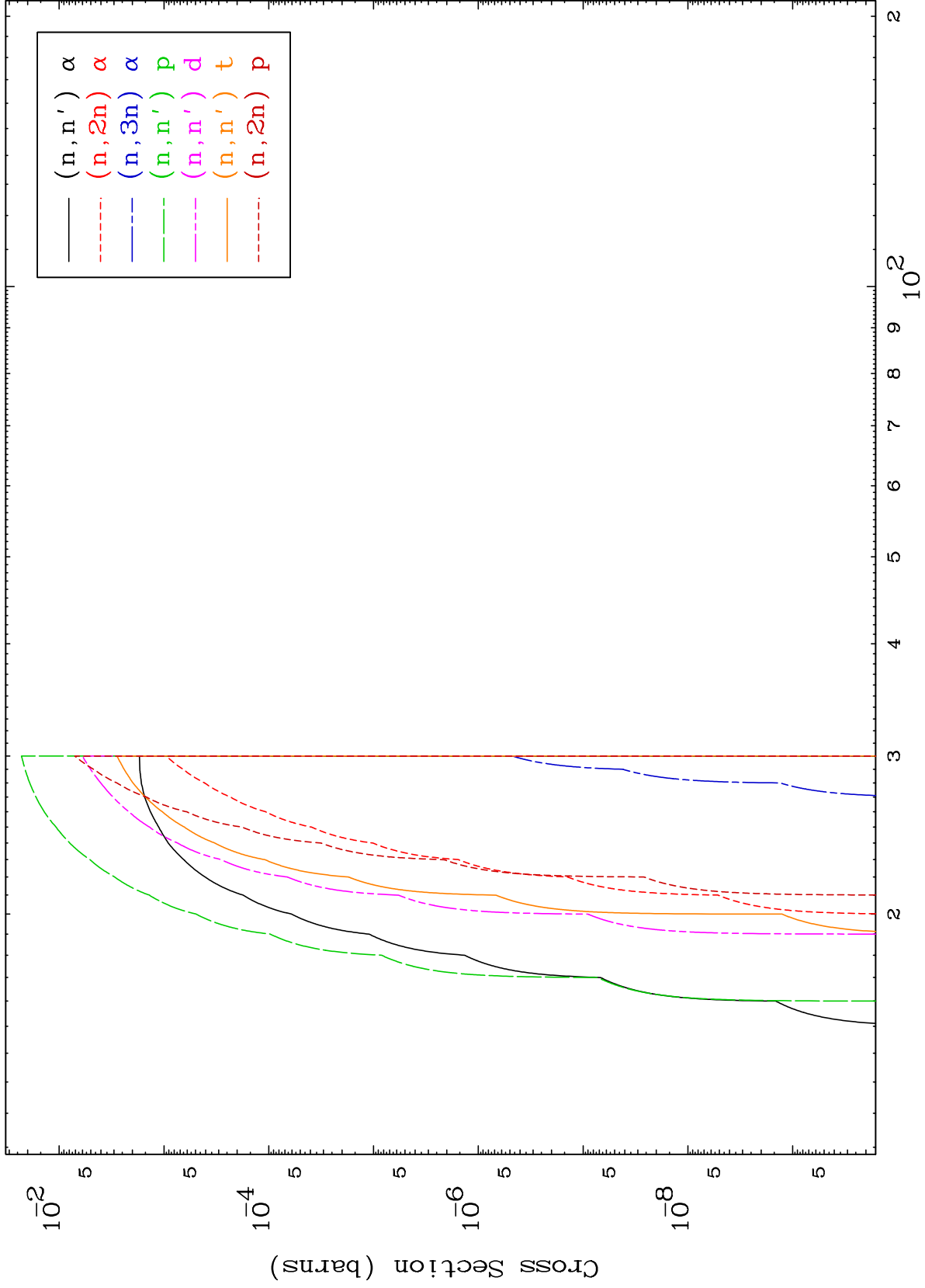


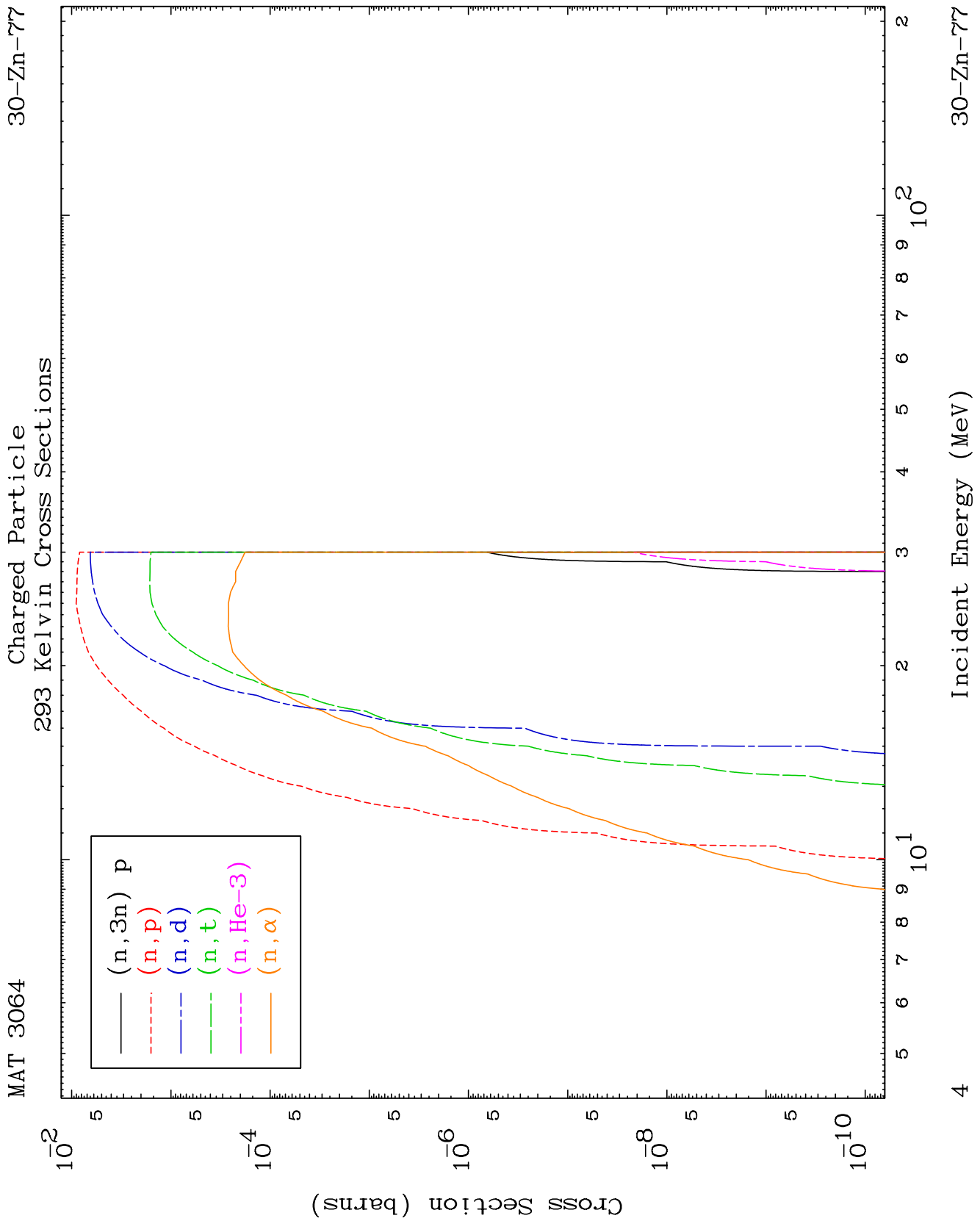
MAT 3064

Neutron Production  
293 Kelvin Cross Sections

30-Zn-77



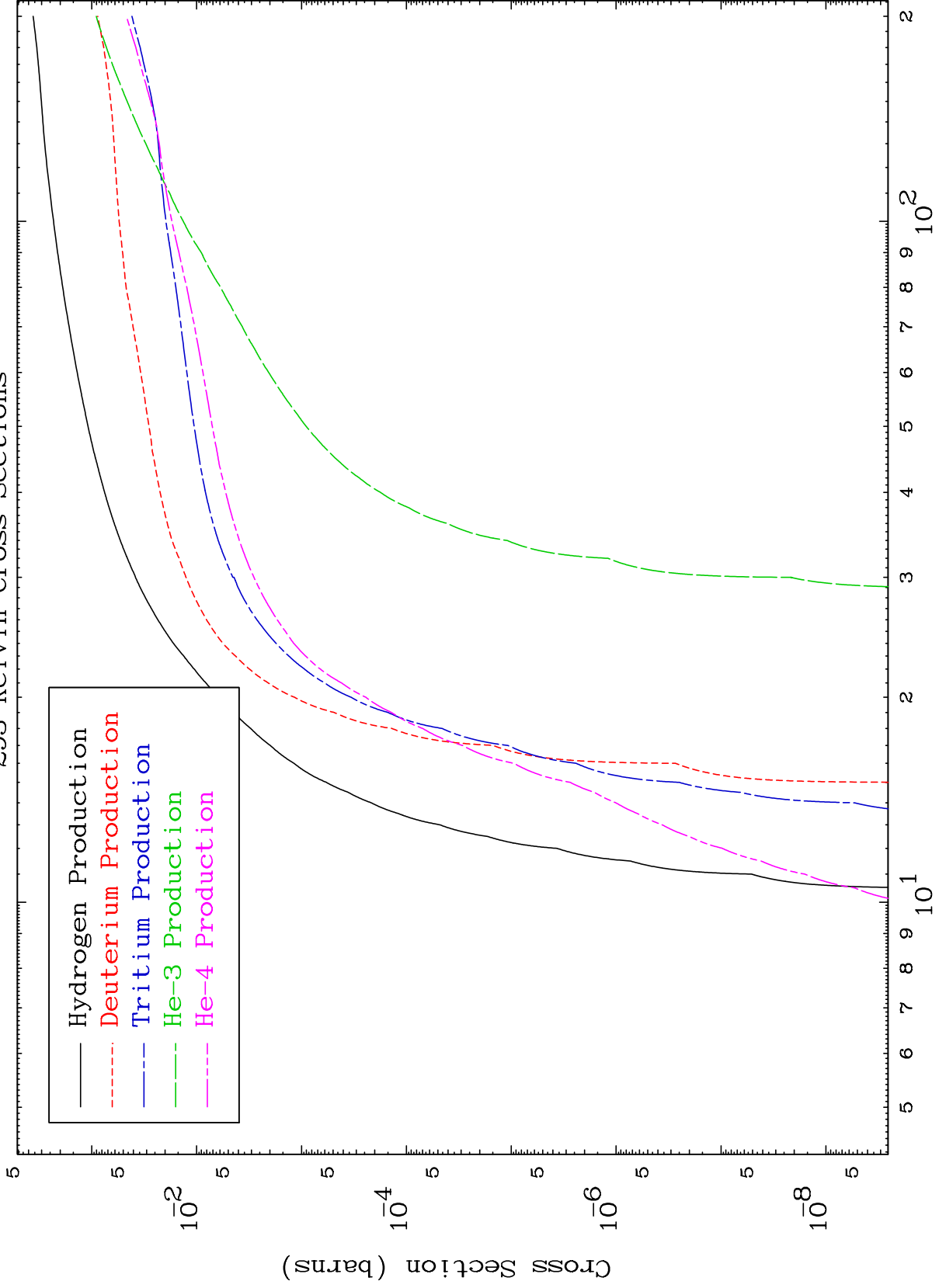




MAT 3064

Particle Production  
293 Kelvin Cross Sections

30-Zn-77



5

Incident Energy (MeV)

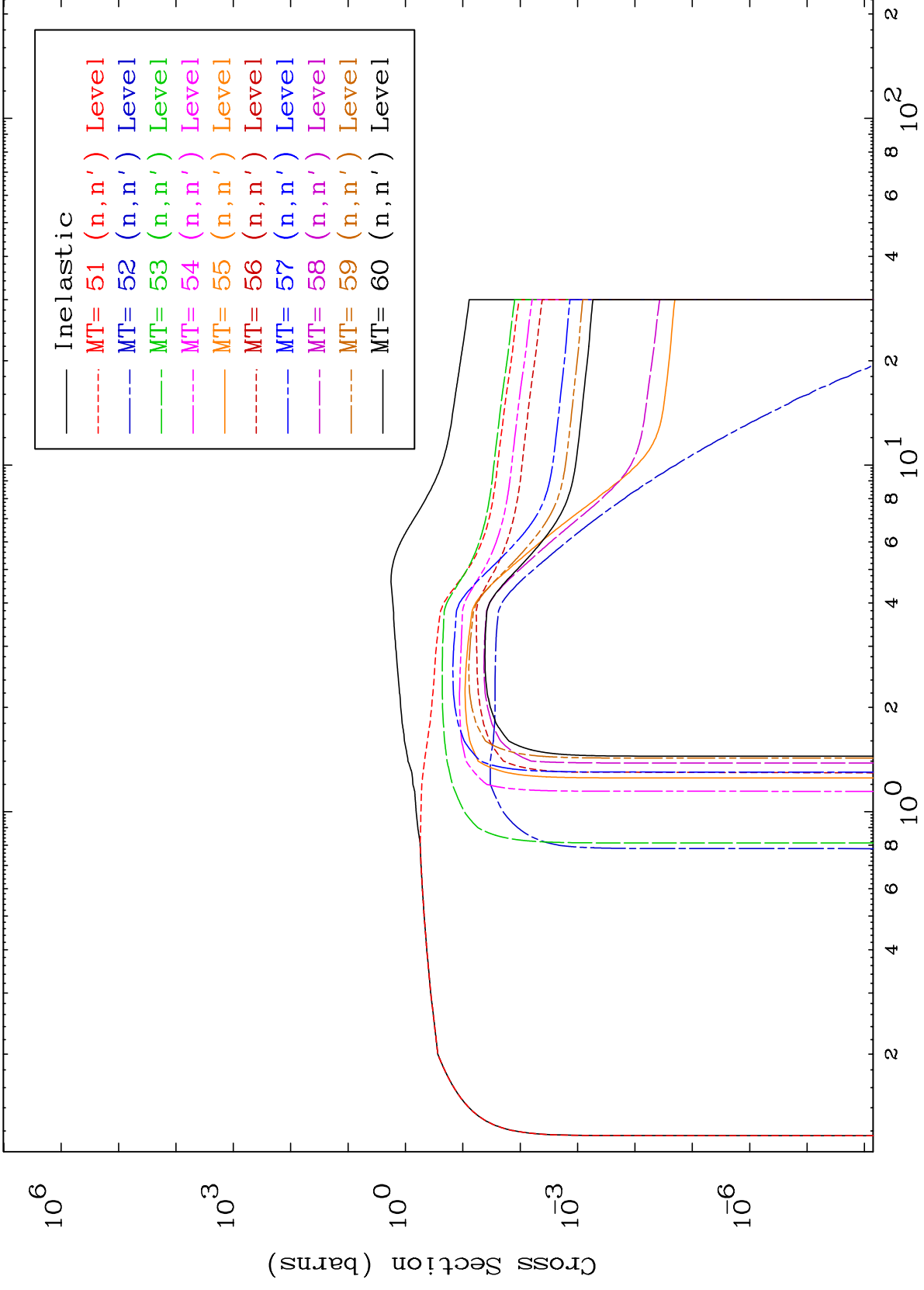
30-Zn-77

MAT 3064

(n,n') Level

30-Zn-77

293 Kelvin Cross Sections

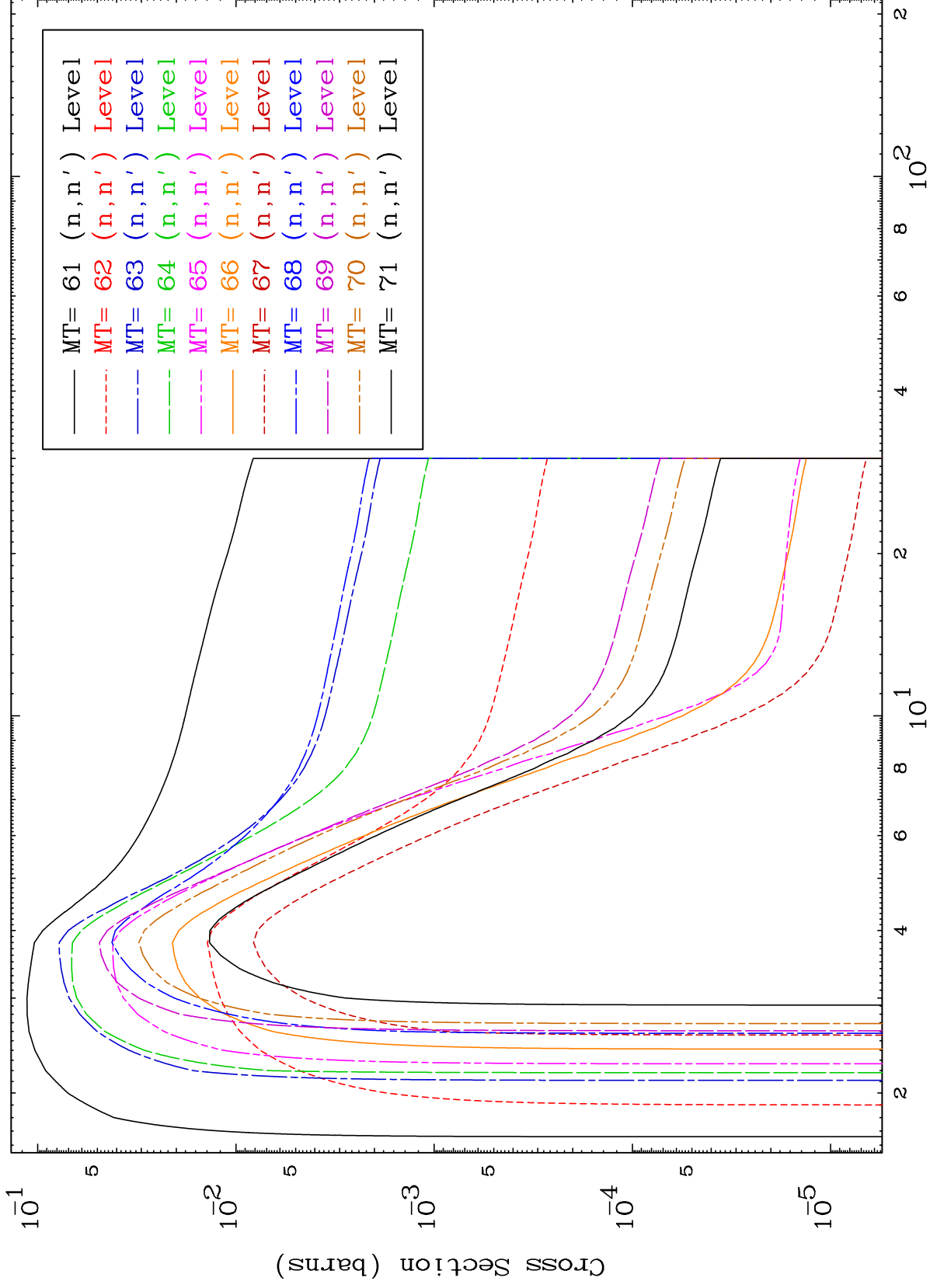


MAT 3064

(n,n') Level

30-Zn-77

293 Kelvin Cross Sections



7

Incident Energy (MeV)

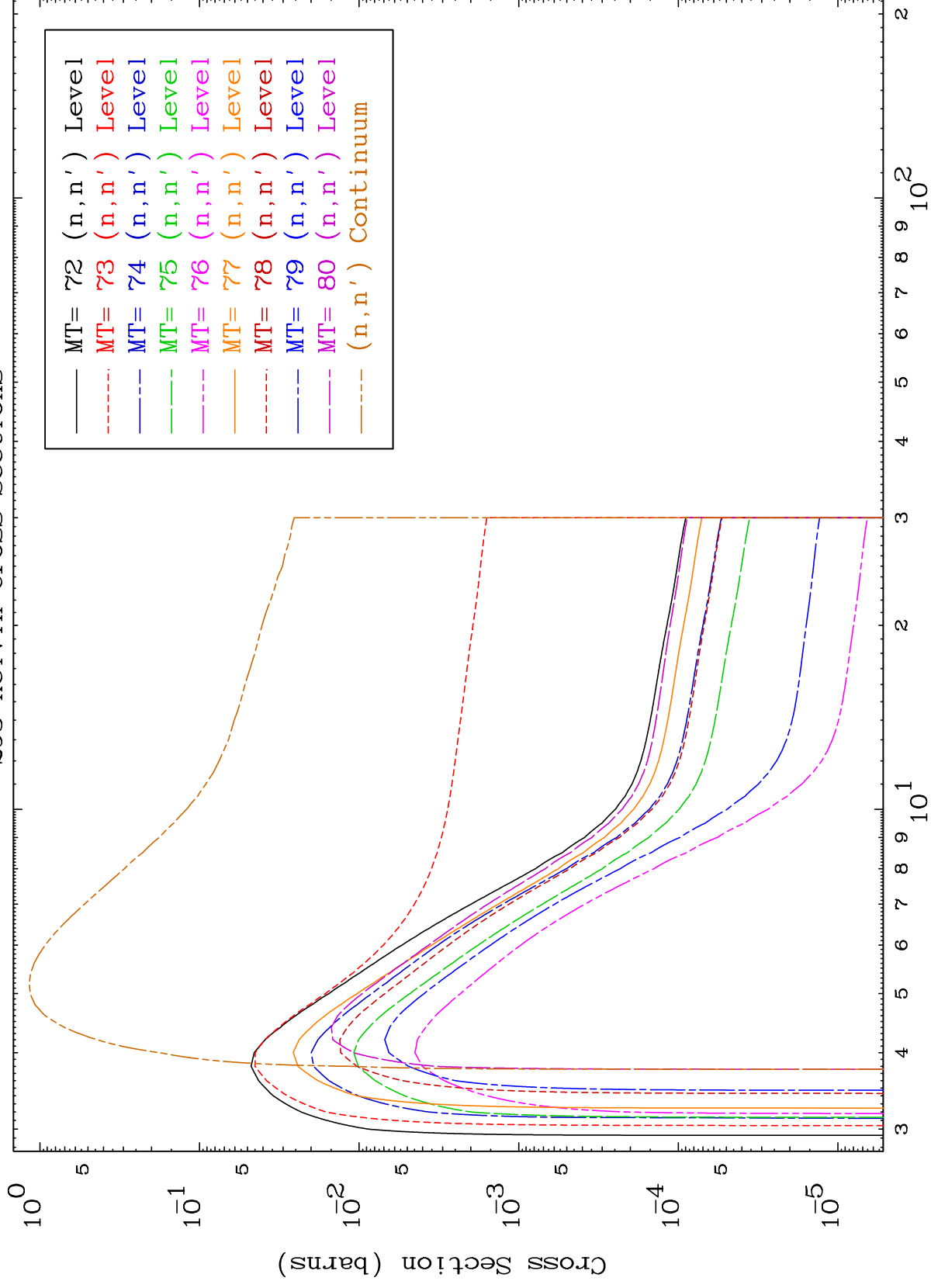
30-Zn-77

MAT 3064

(n,n') Level

30-Zn-77

293 Kelvin Cross Sections



8

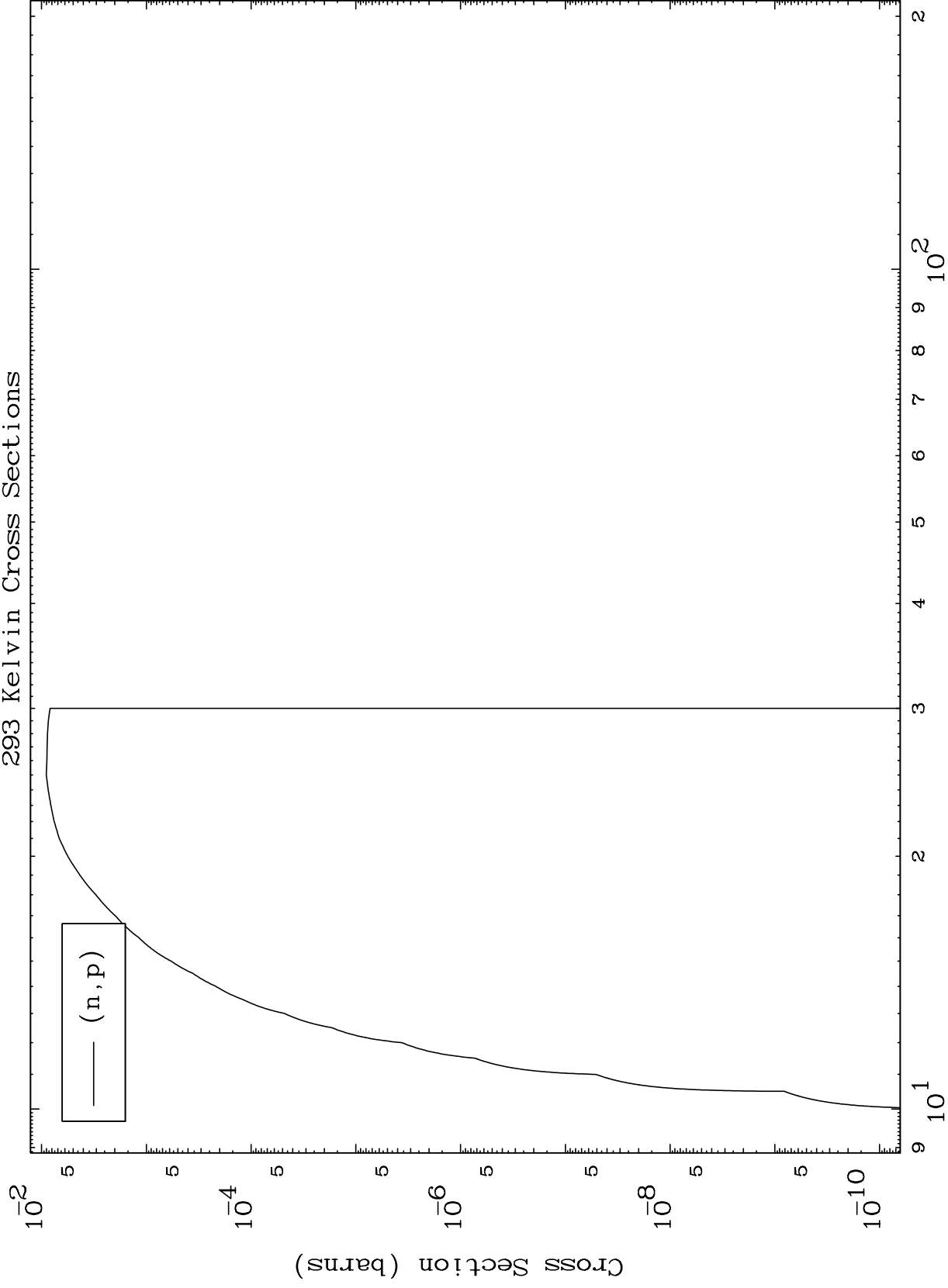
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-77



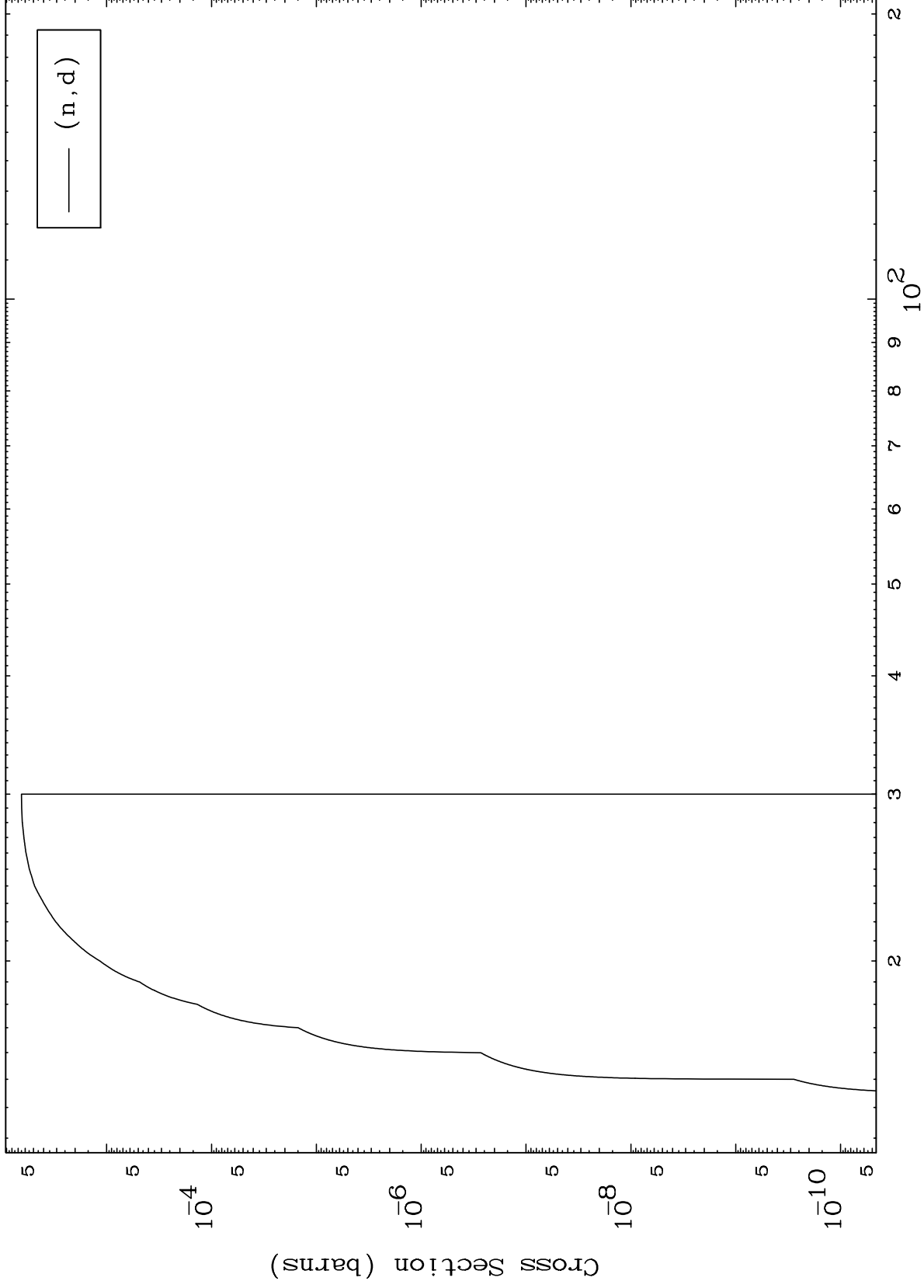
30-Zn-77

Incident Energy (MeV)

MAT 3064

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-77



10

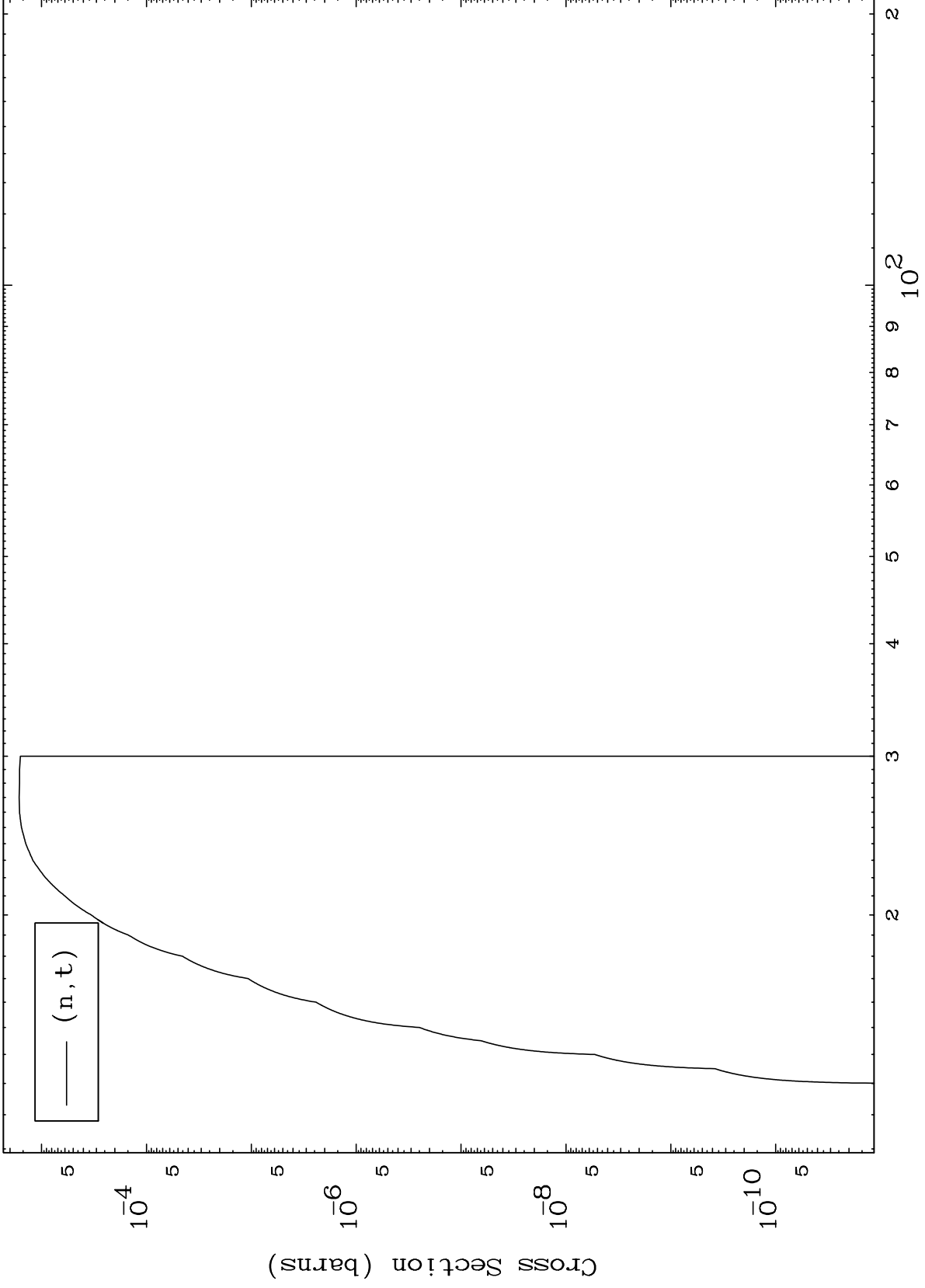
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,t) Levels  
293 Kelvin Cross Sections

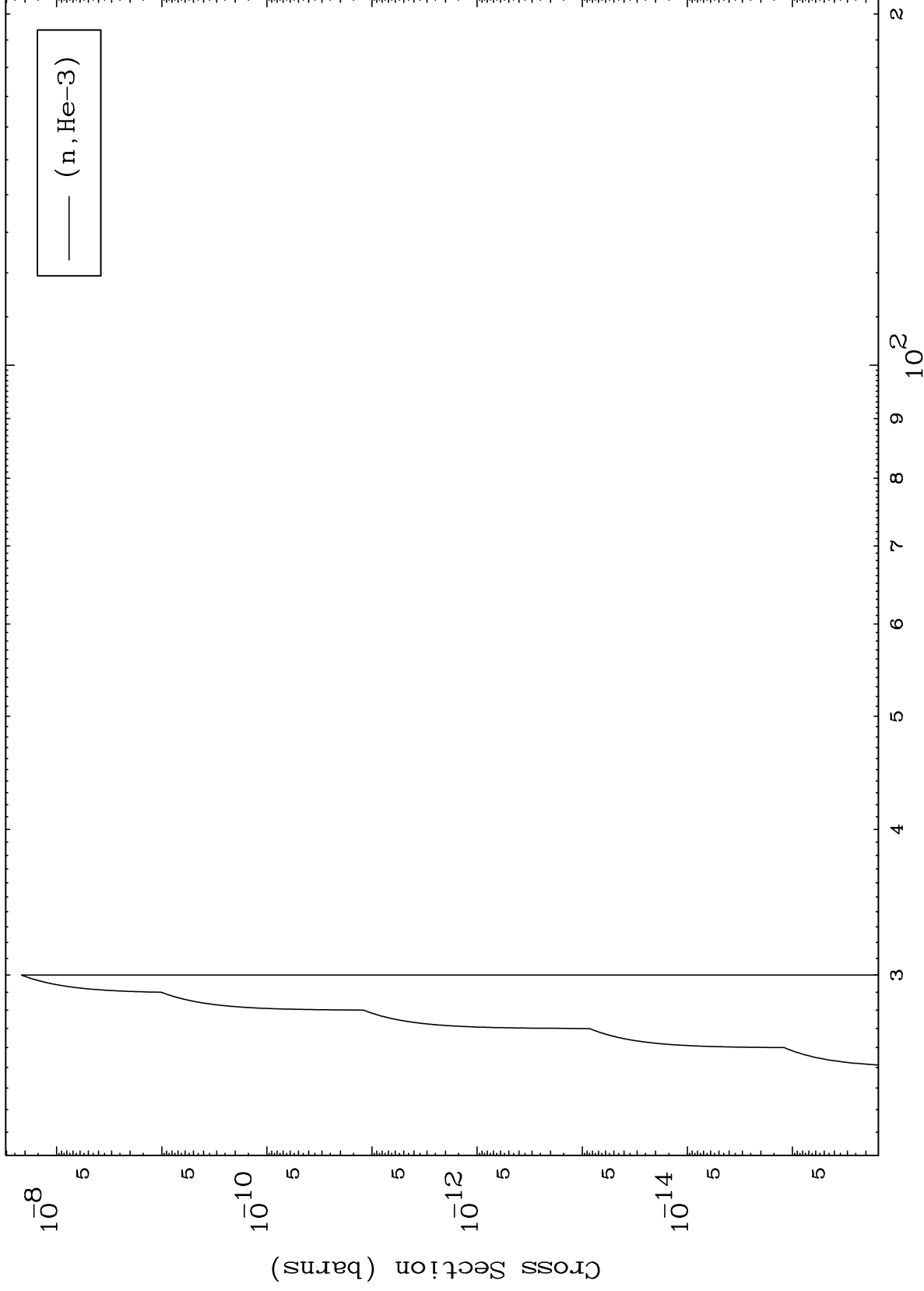
30-Zn-77



MAT 3064

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-77



12

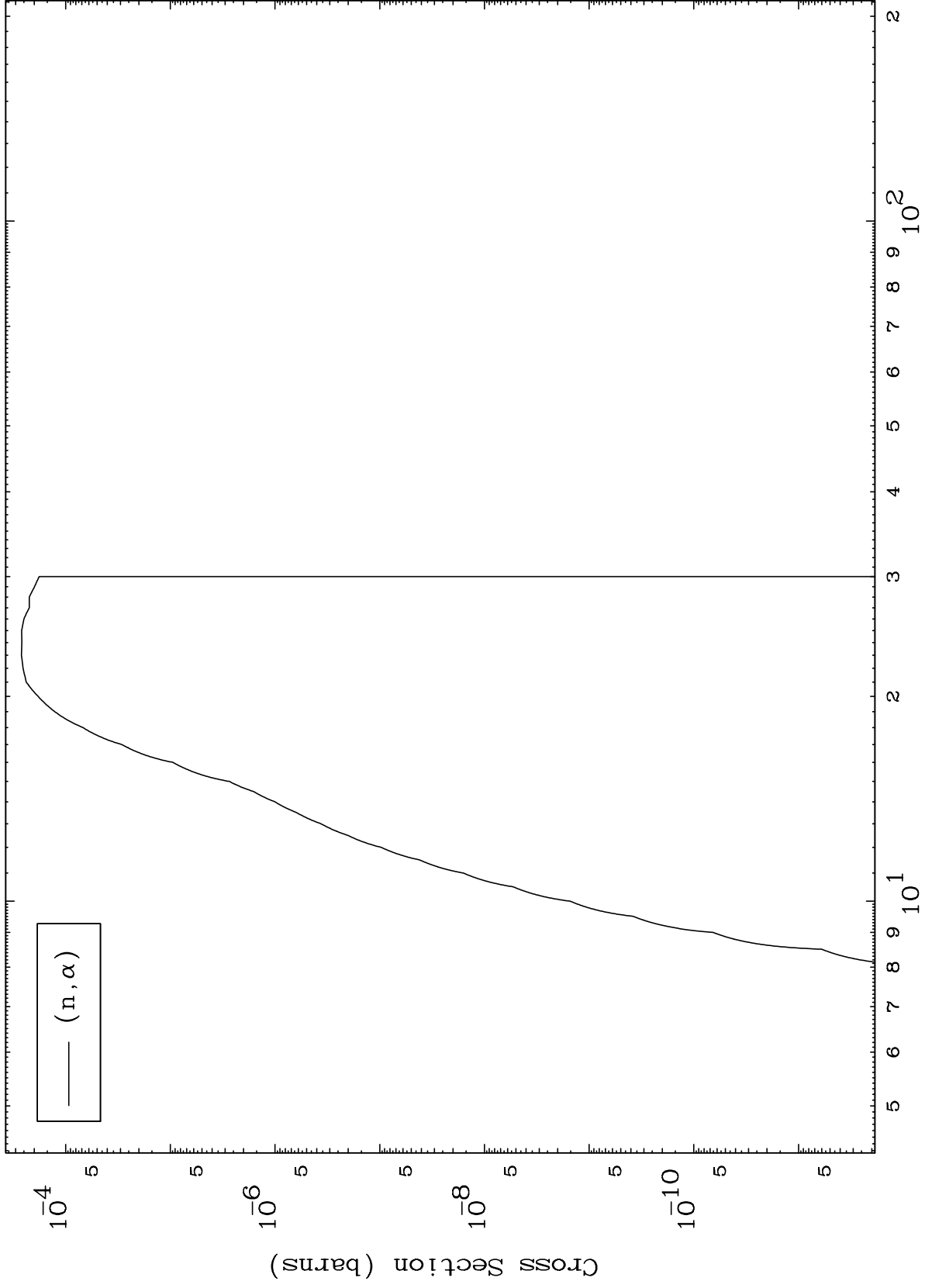
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

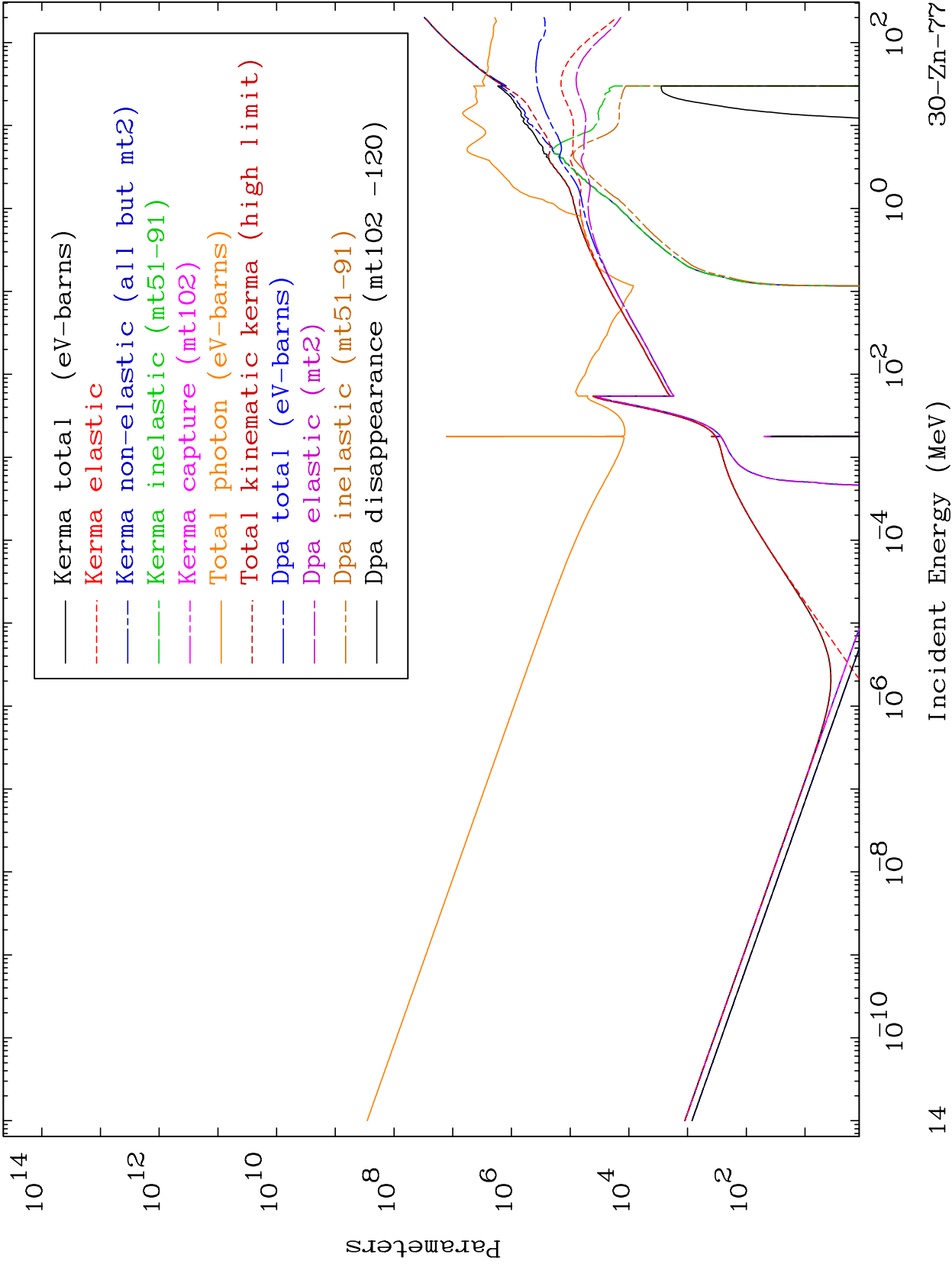
30-Zn-77



13

Incident Energy (MeV)

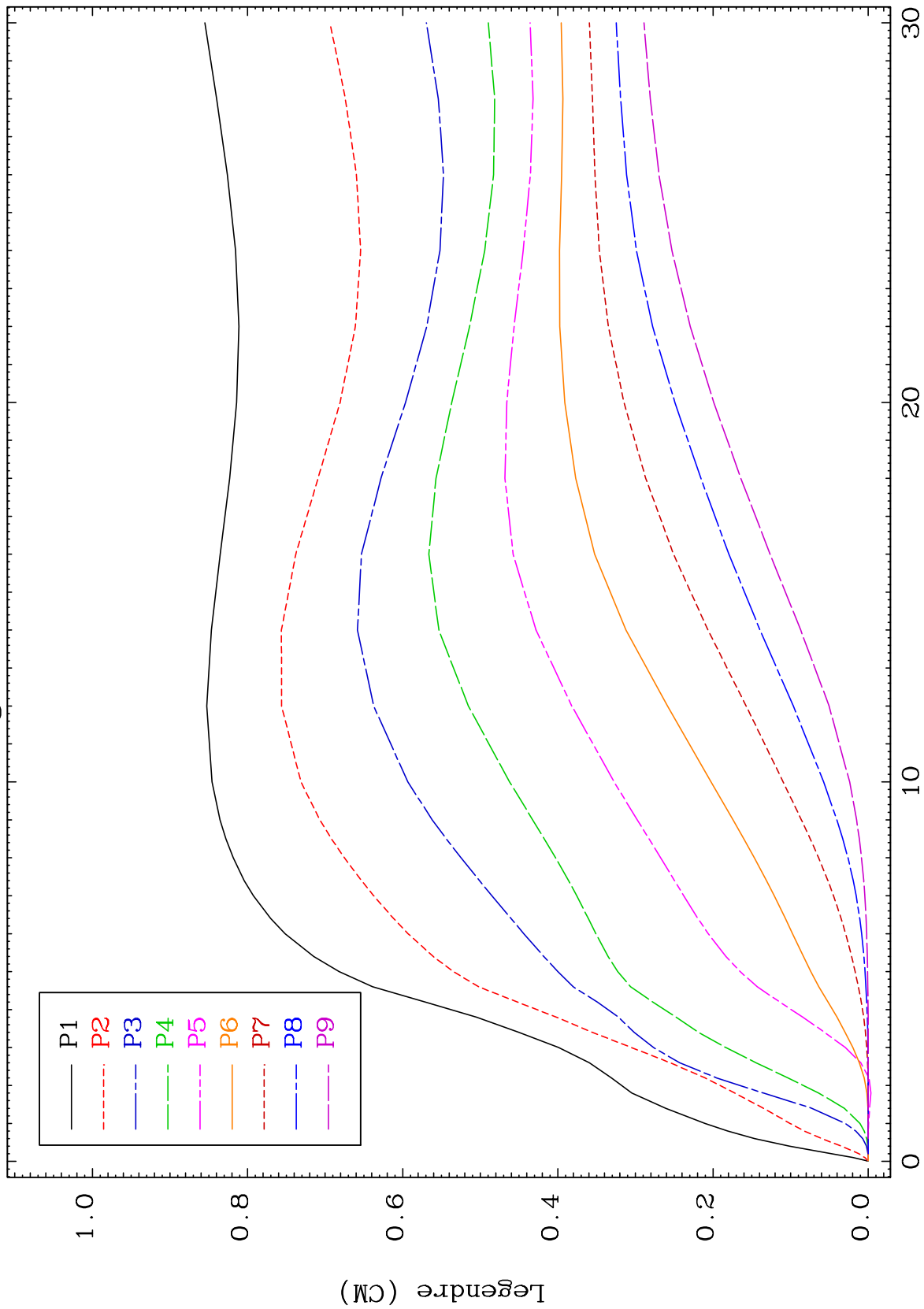
30-Zn-77



MAT 3064

Elastic Legendre Coefficients

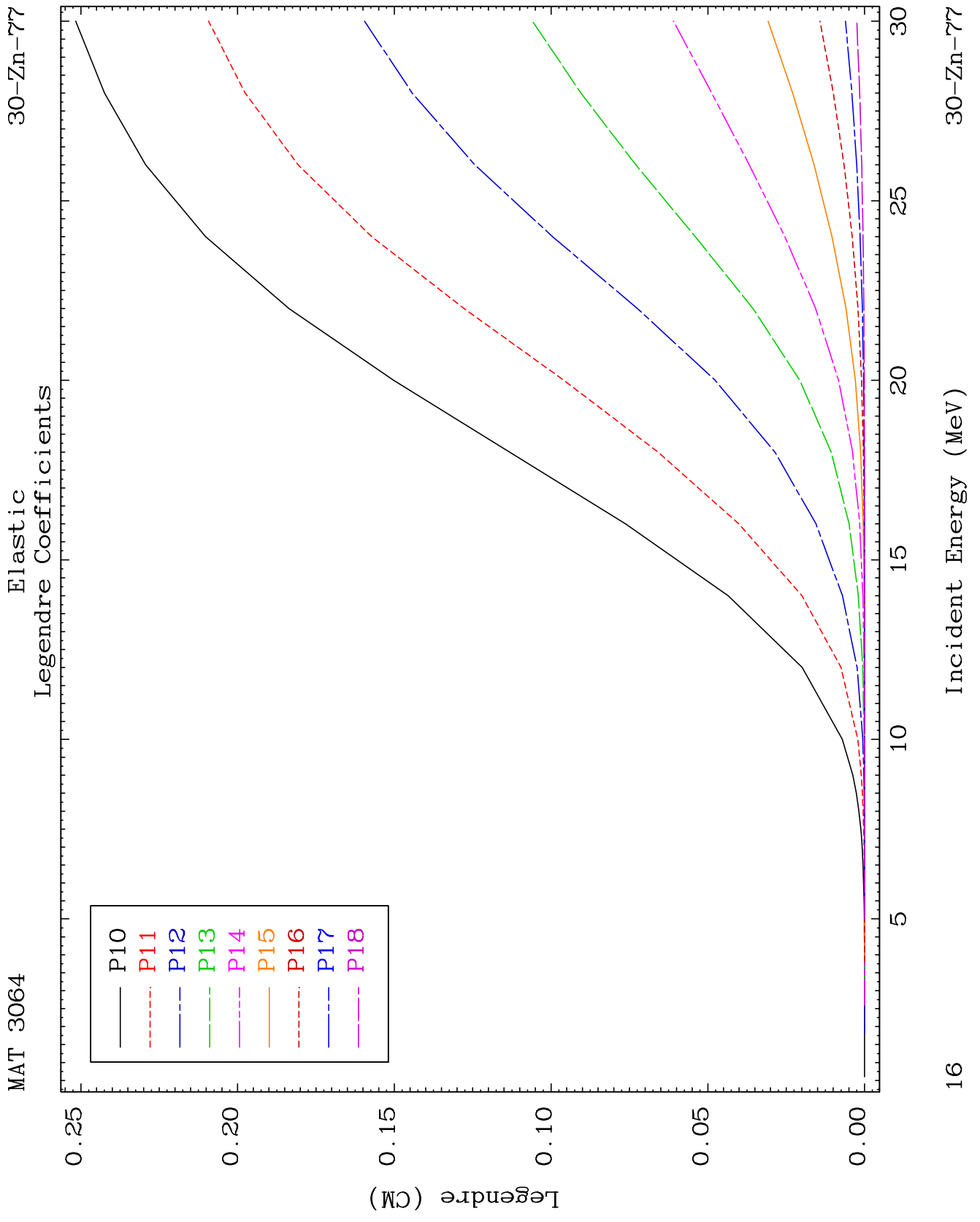
30-Zn-77



15

Incident Energy (MeV)

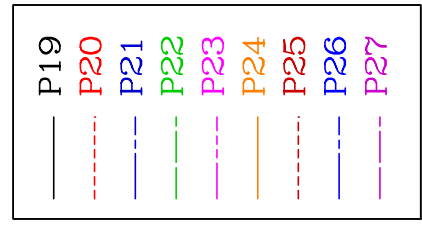
30-Zn-77



MAT 3064

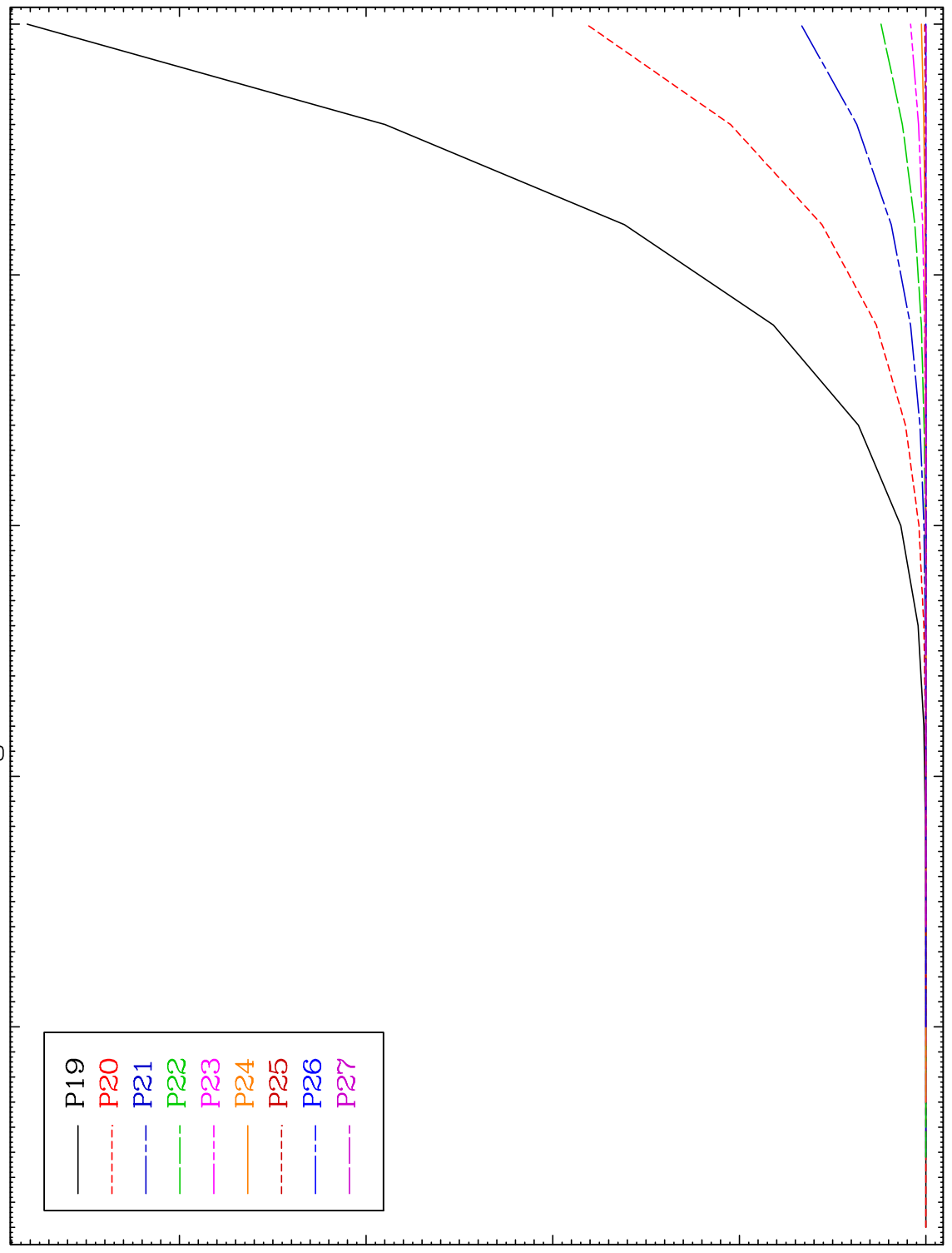
Elastic Legendre Coefficients

30-Zn-77



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

17

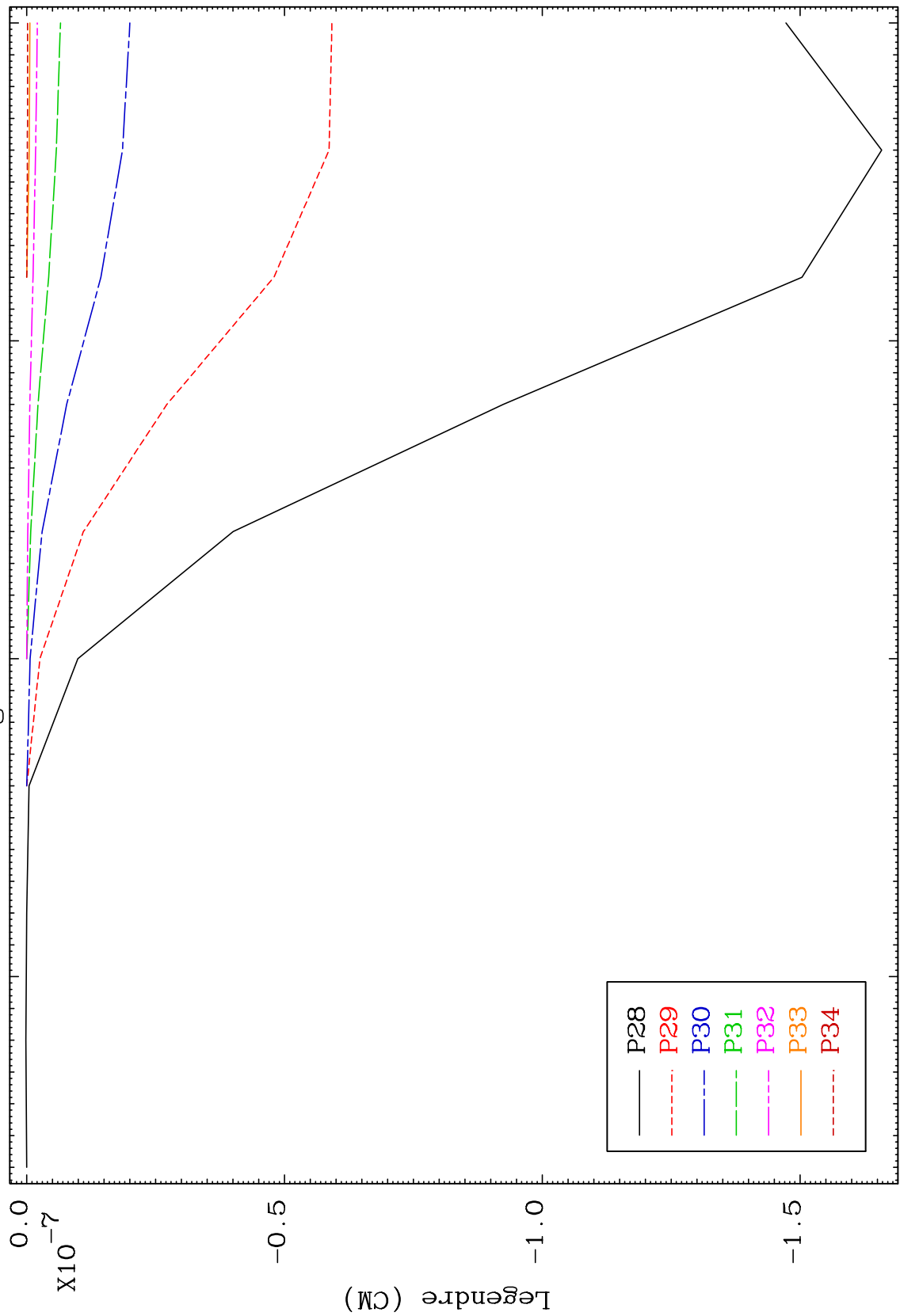
Incident Energy (MeV)

30-Zn-77

MAT 3064

30-Zn-77

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>

30

25

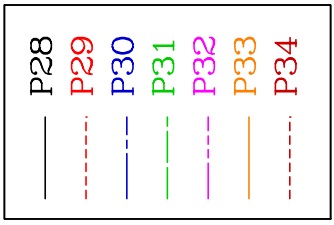
20

15

18

Incident Energy (MeV)

30-Zn-77



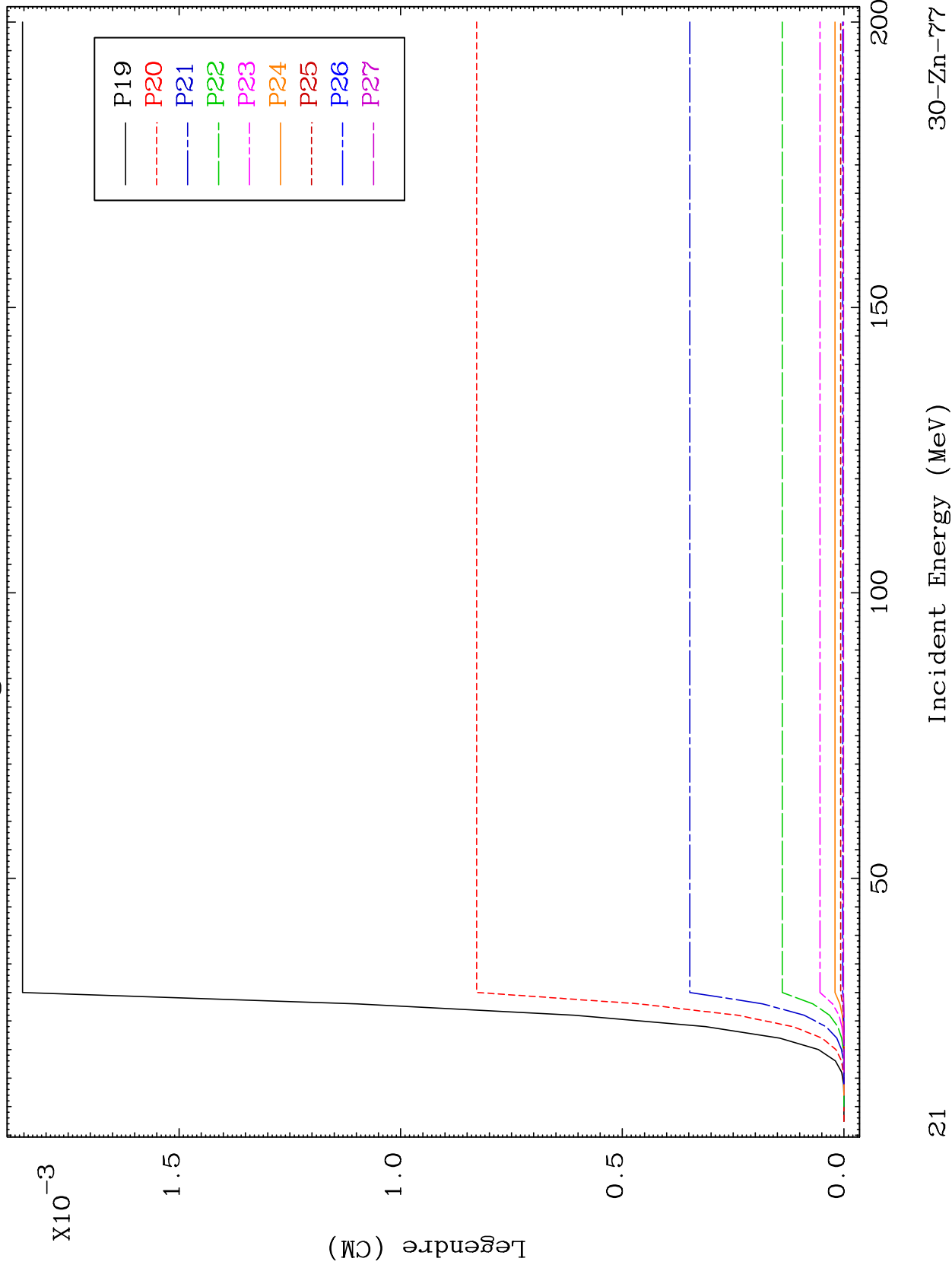




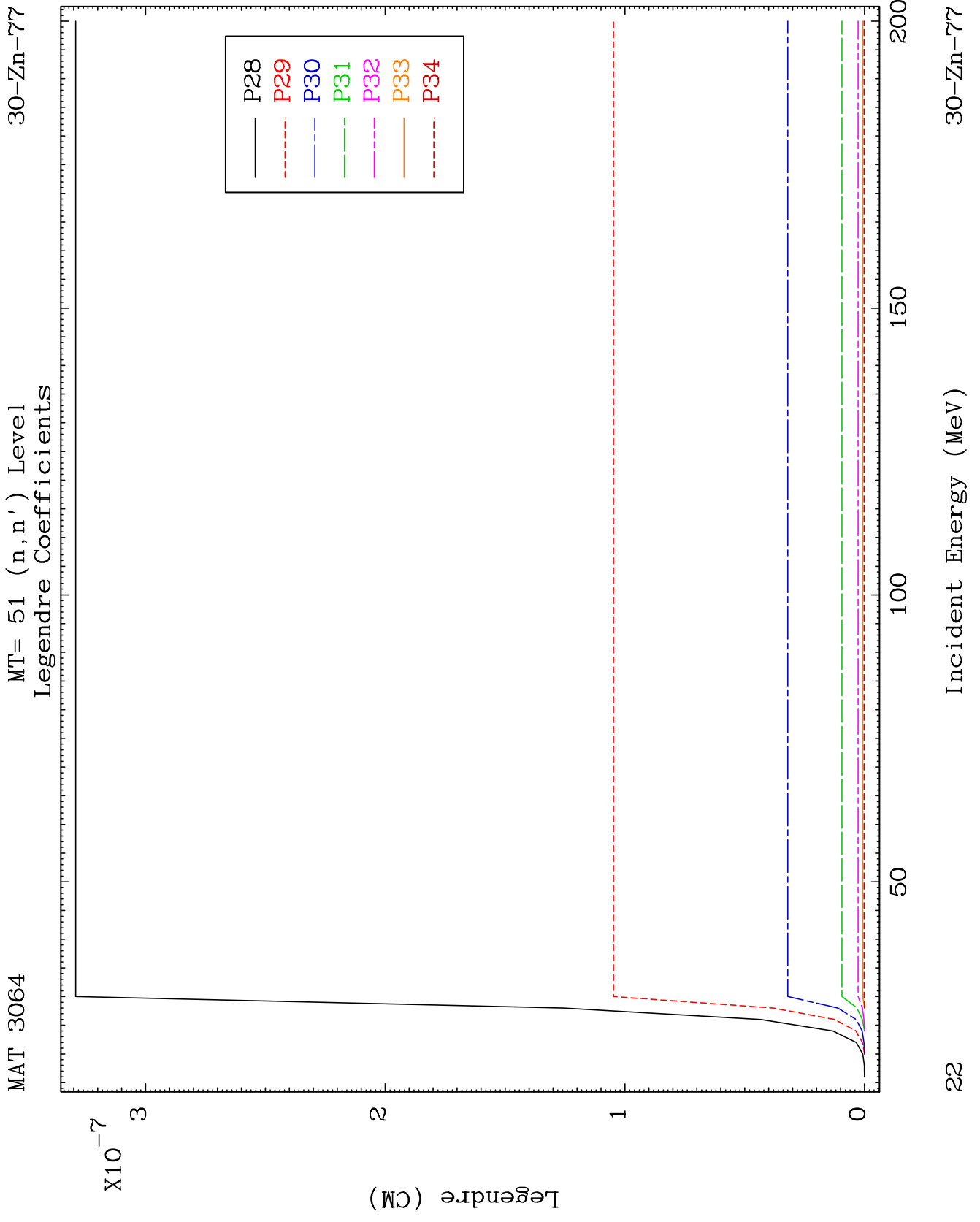
MAT 3064

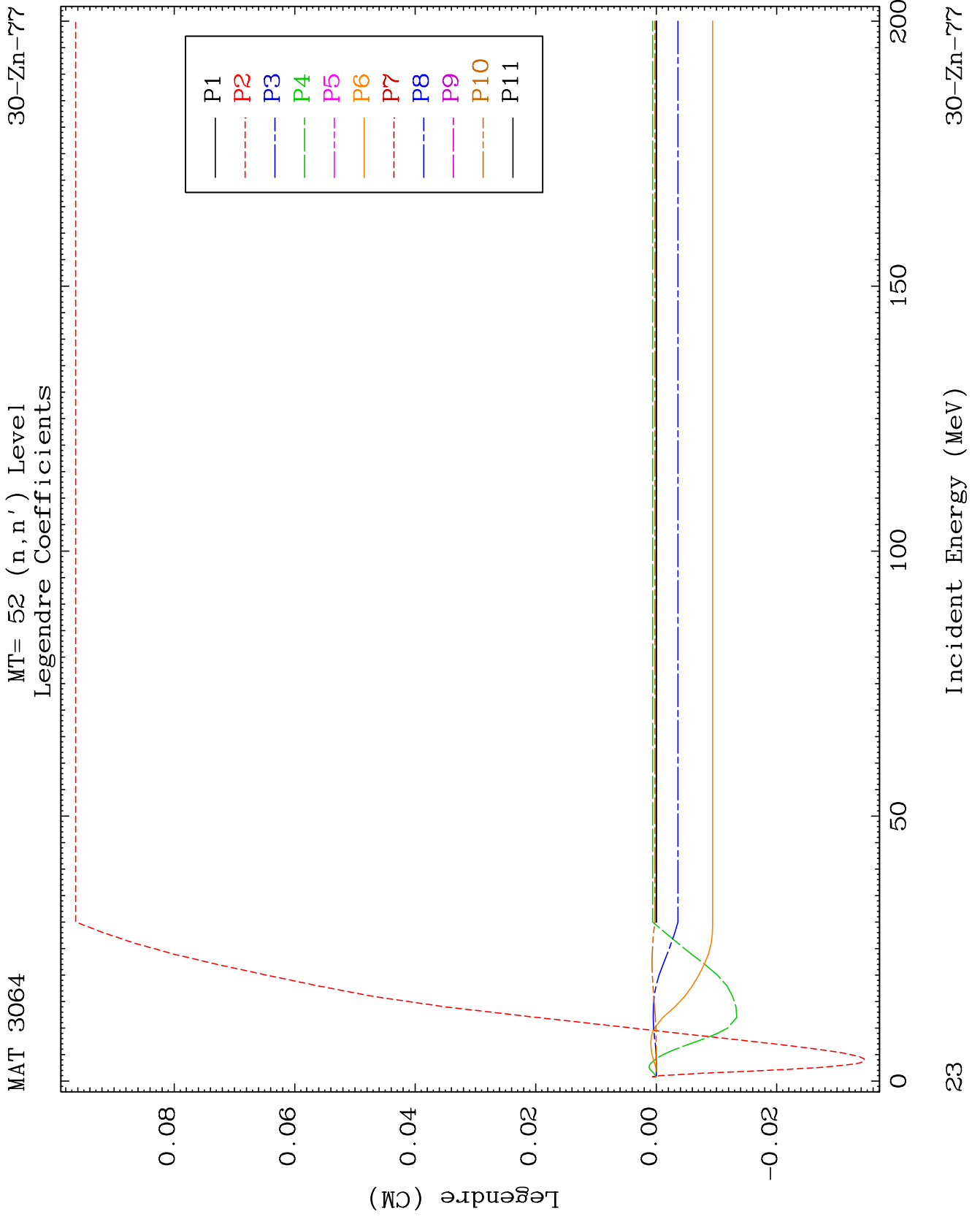
MT= 51 (n,n') Level  
Legendre Coefficients

30-Zn-77



21

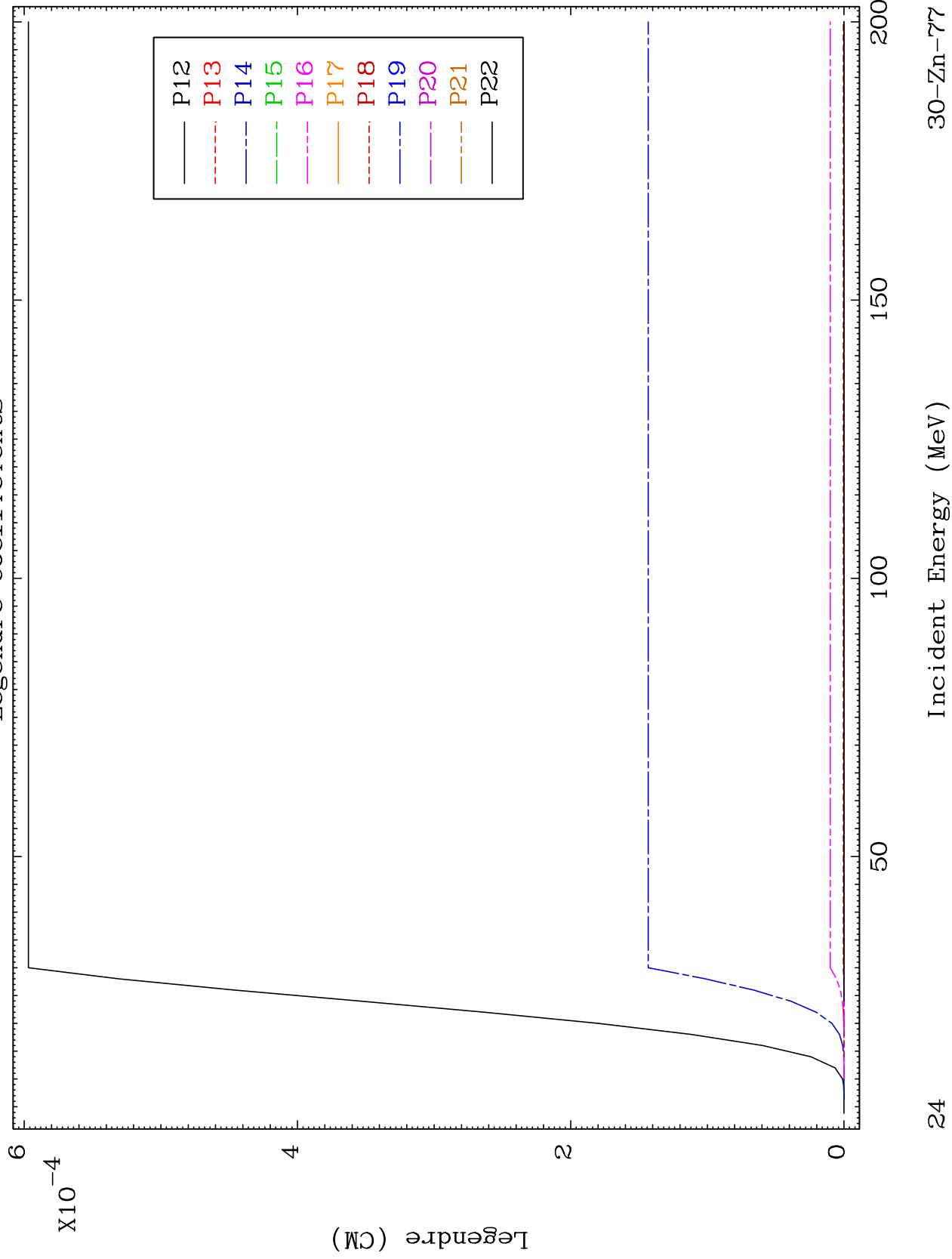




MAT 3064

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

30-Zn-77



24

Incident Energy (MeV)

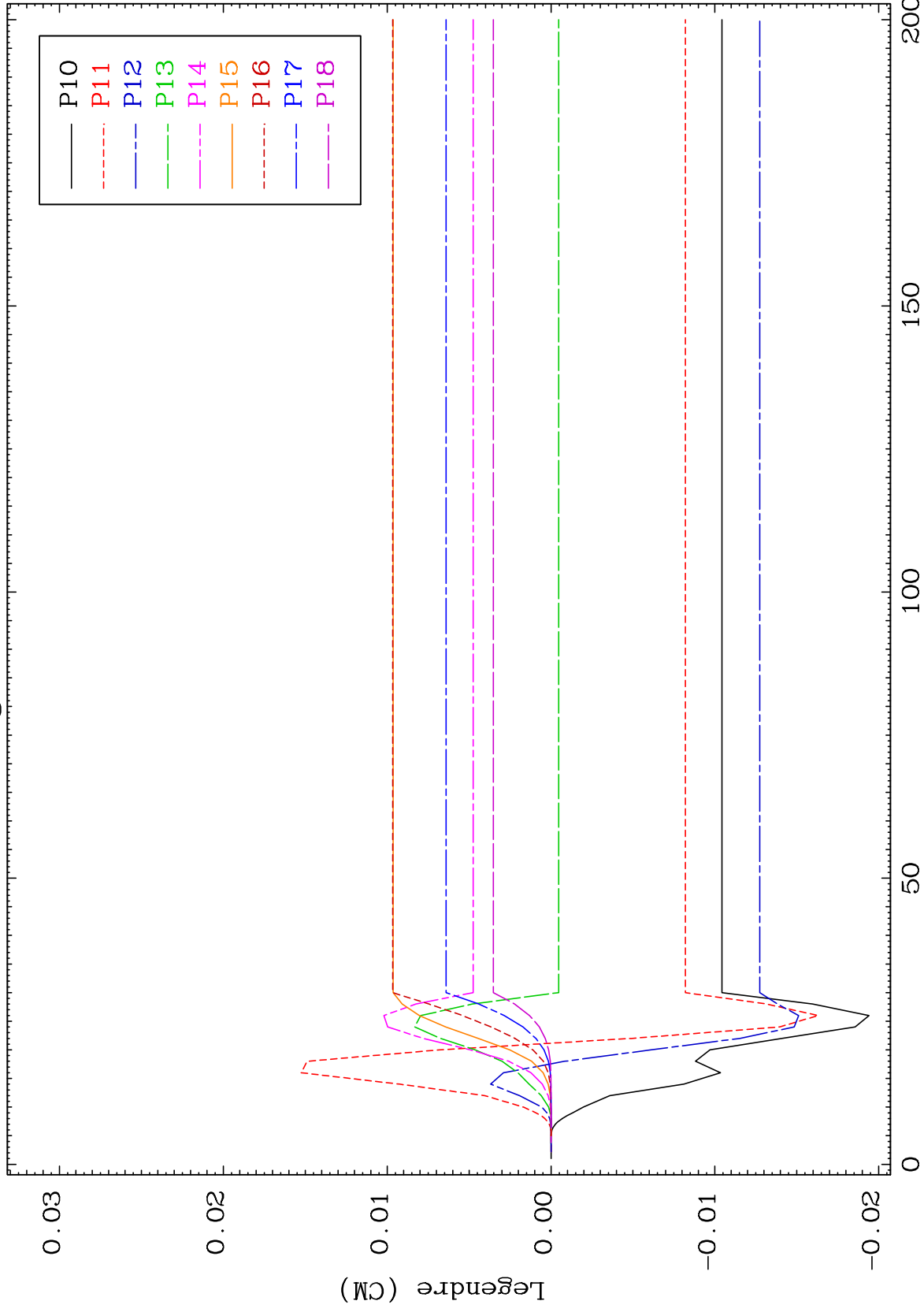
30-Zn-77



MAT 3064

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

30-Zn-77



26

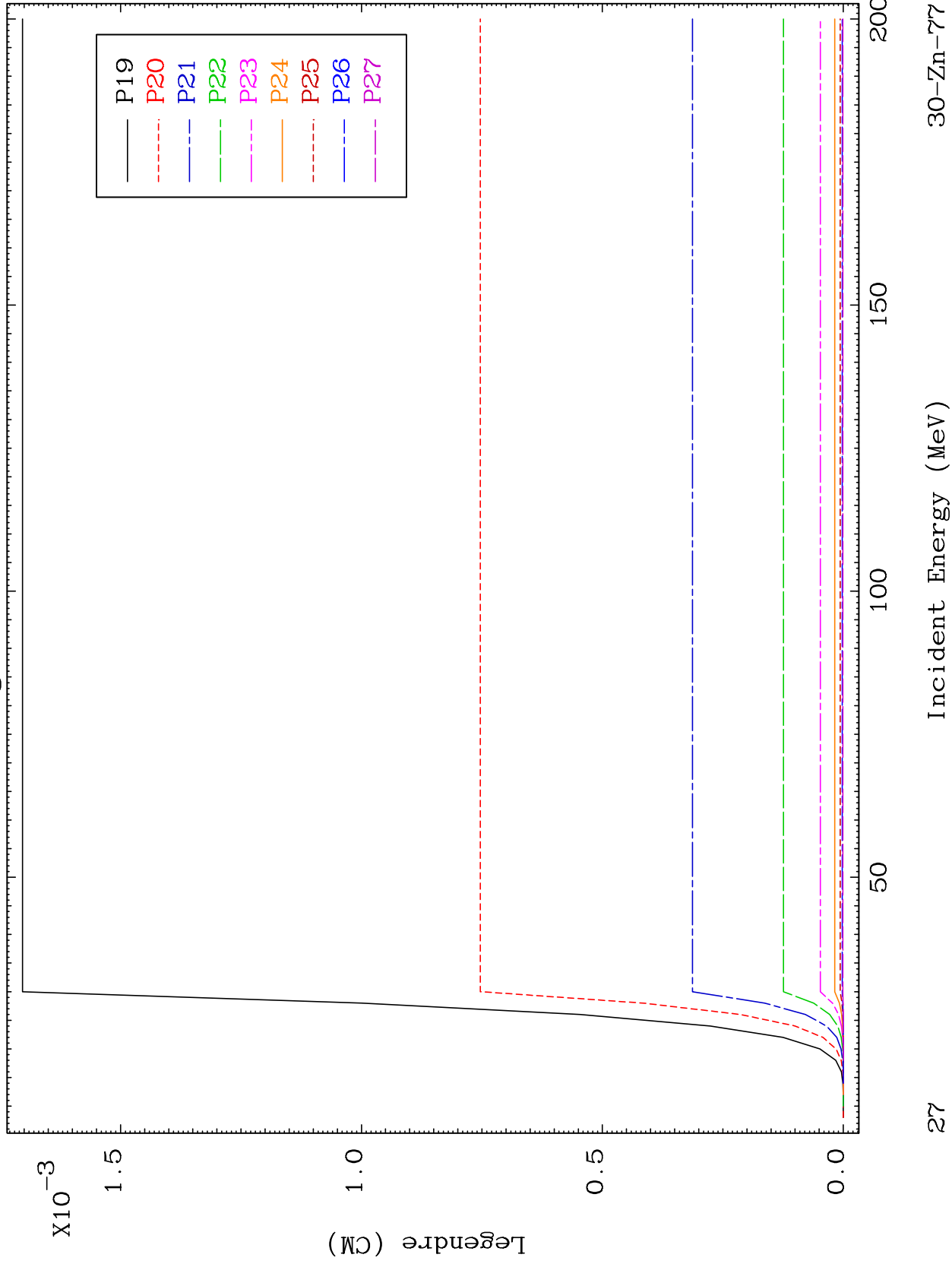
Incident Energy (MeV)

30-Zn-77

MAT 3064

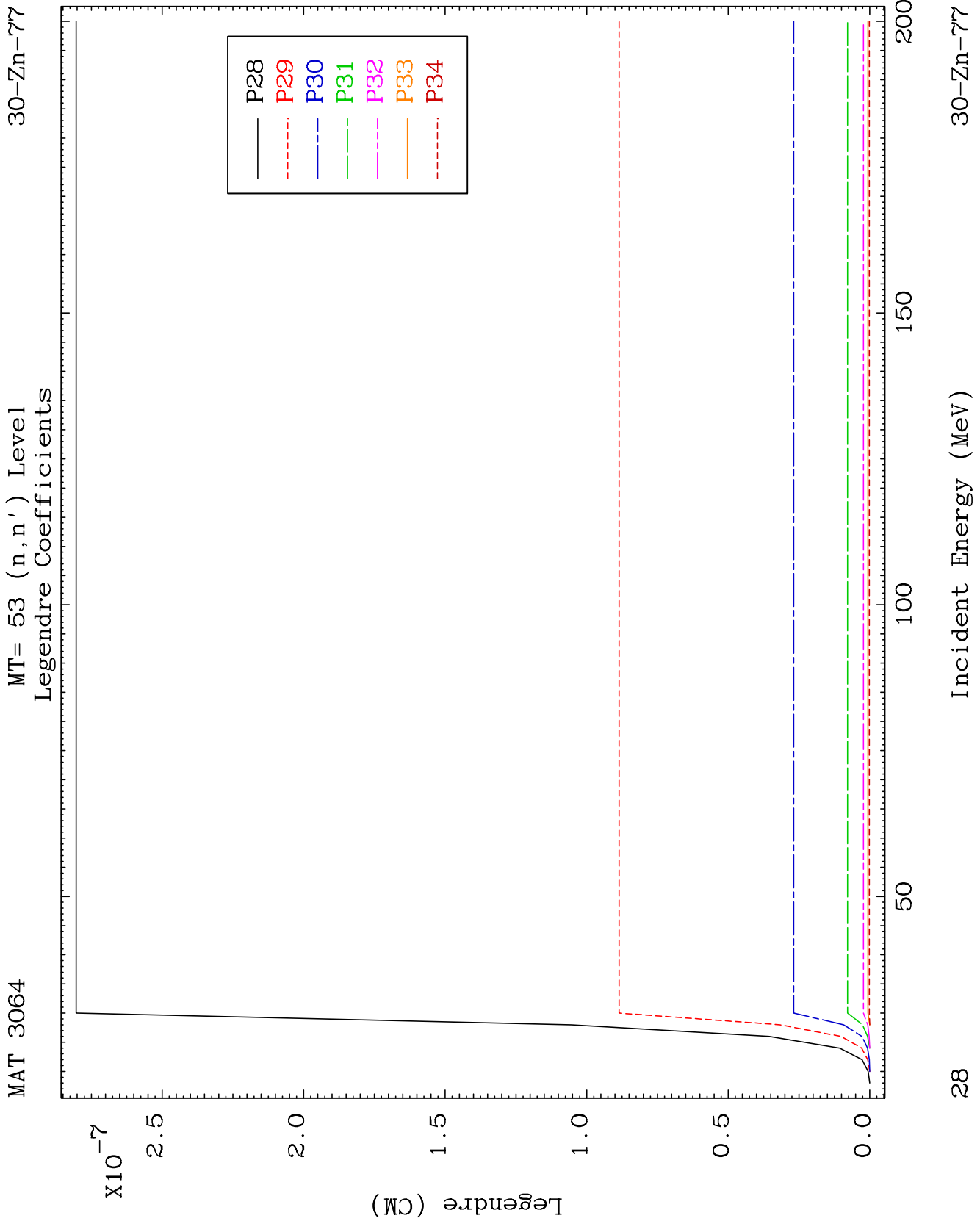
MT= 53 (n,n') Level  
Legendre Coefficients

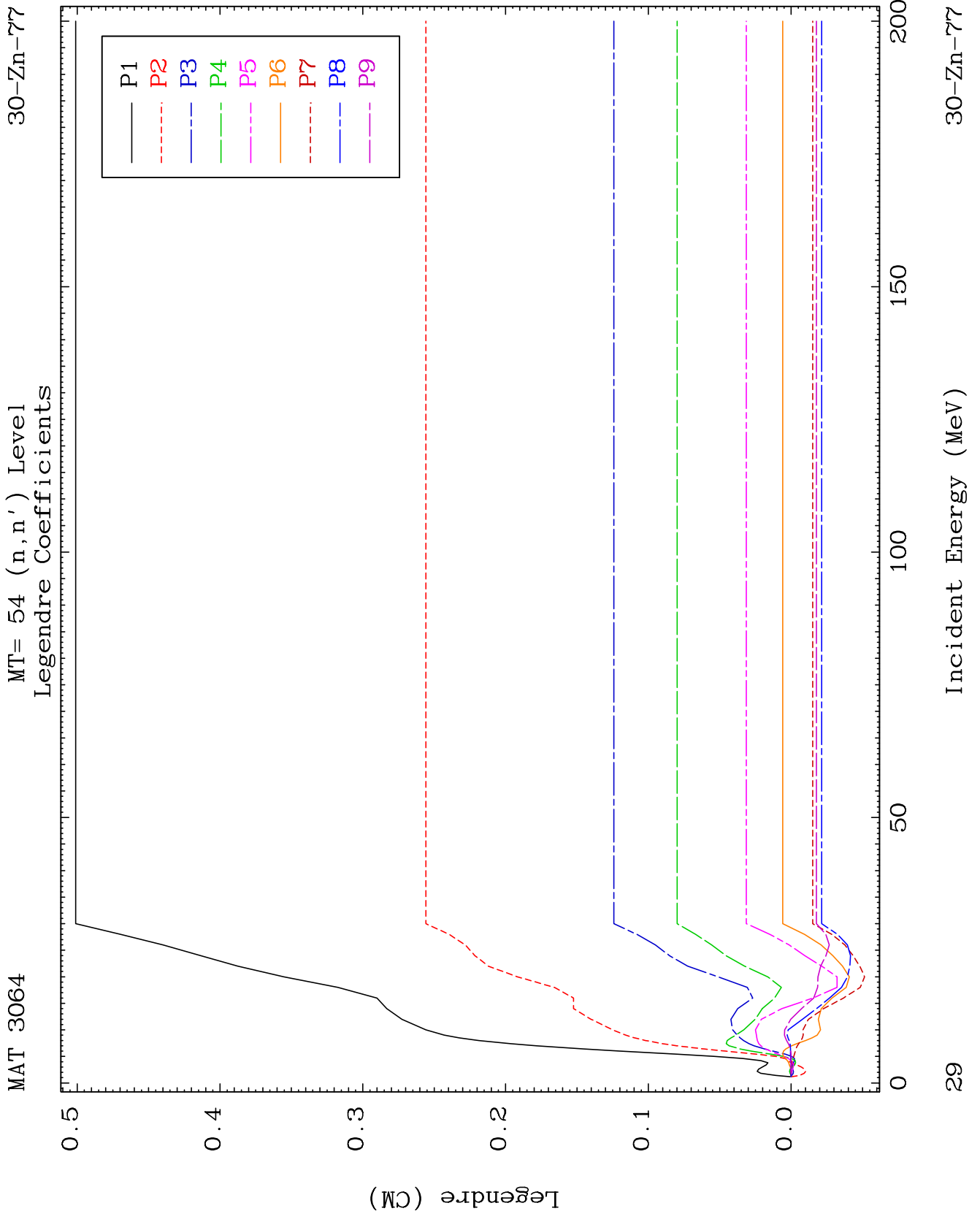
30-Zn-77

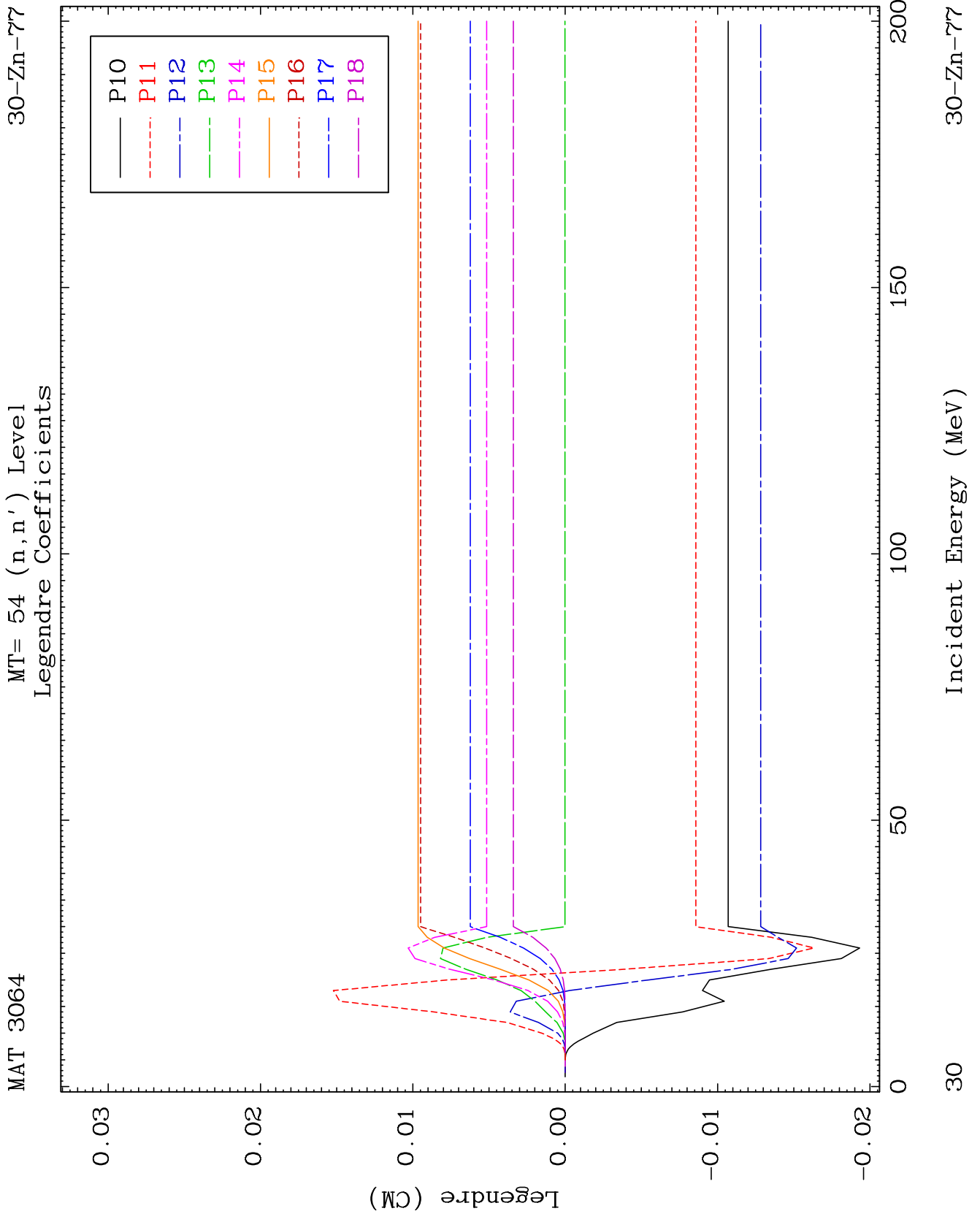


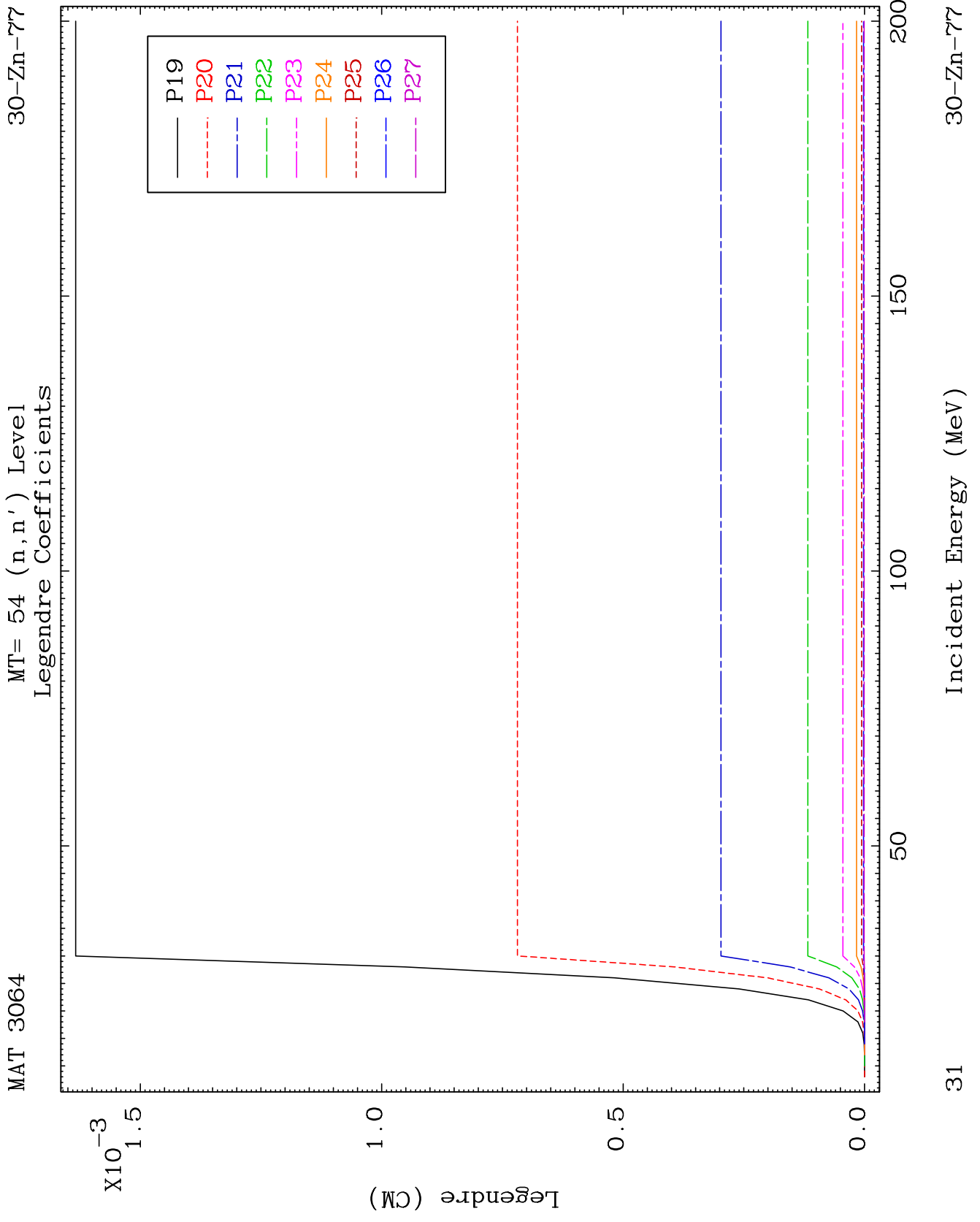
27

30-Zn-77





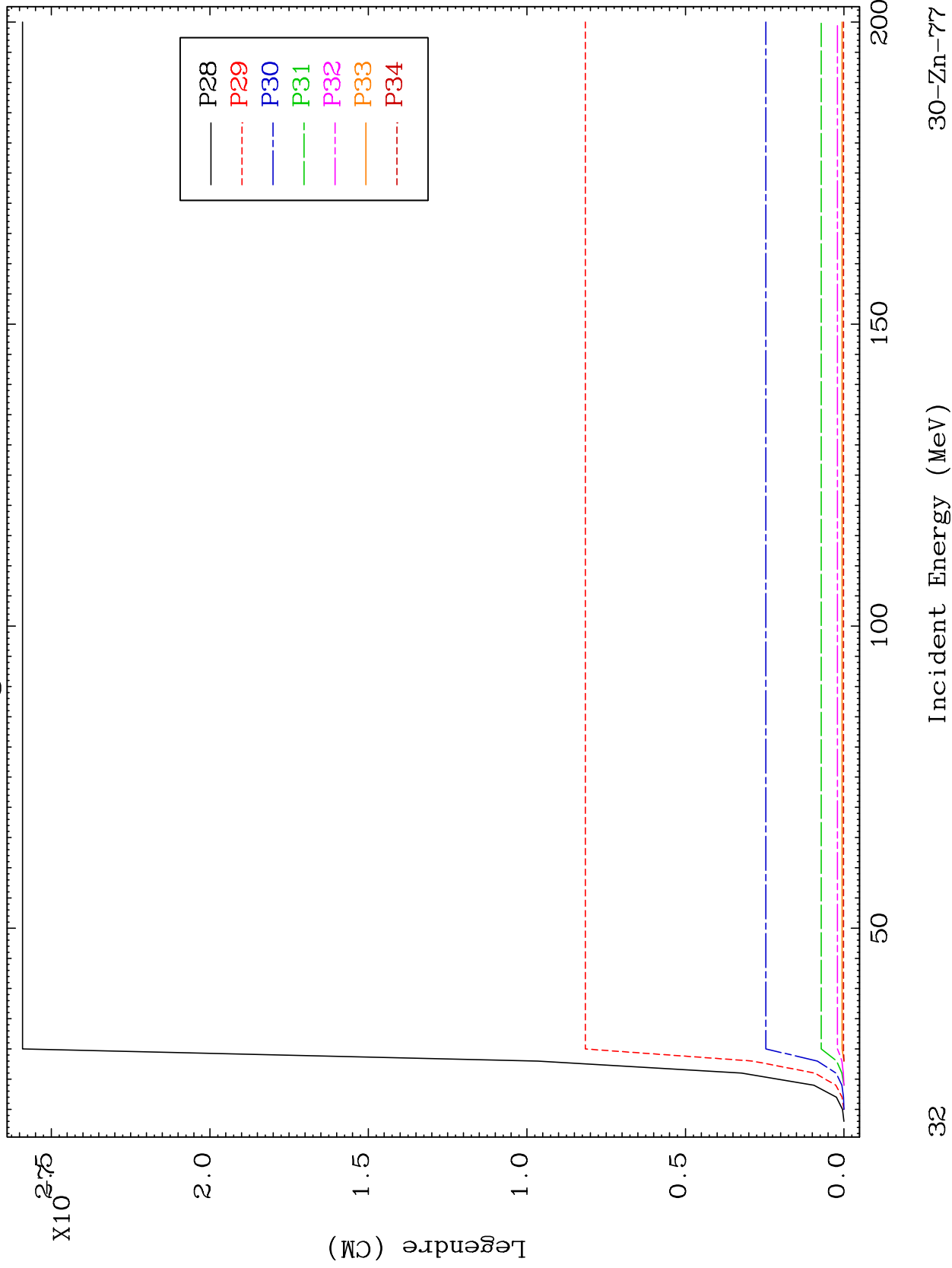




MAT 3064

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

30-Zn-77



32

Incident Energy (MeV)

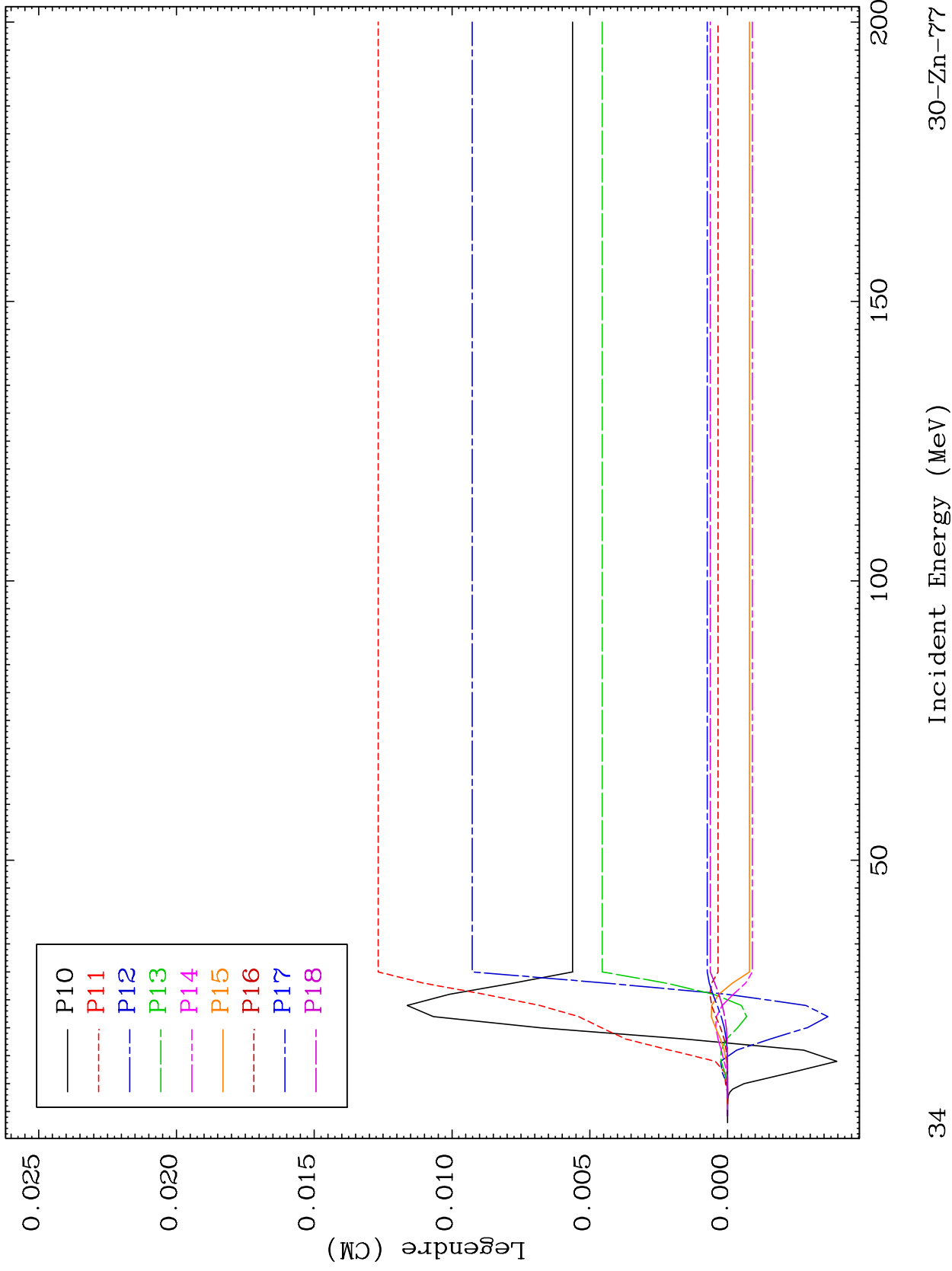
30-Zn-77



MAT 3064

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

30-Zn-77



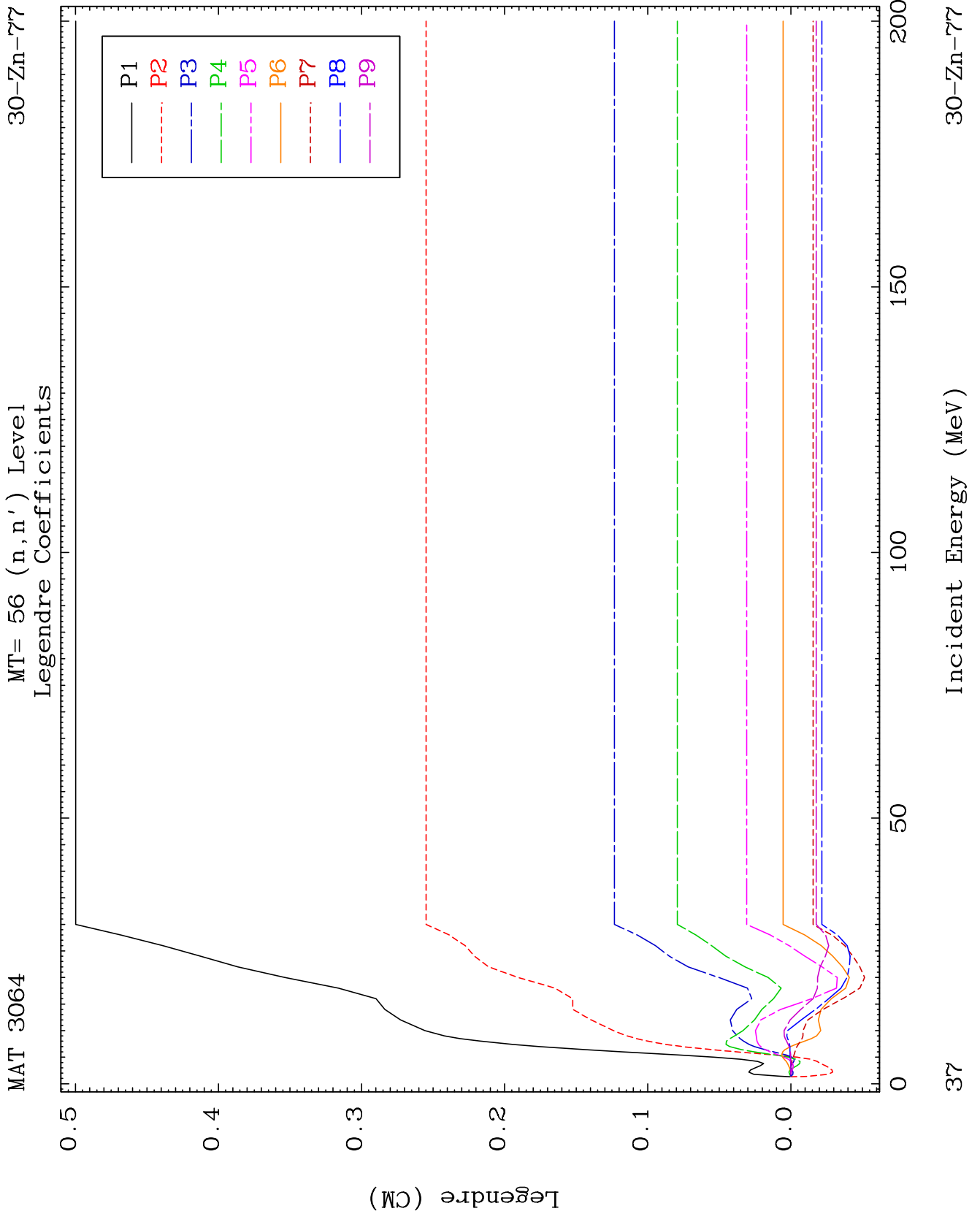
34

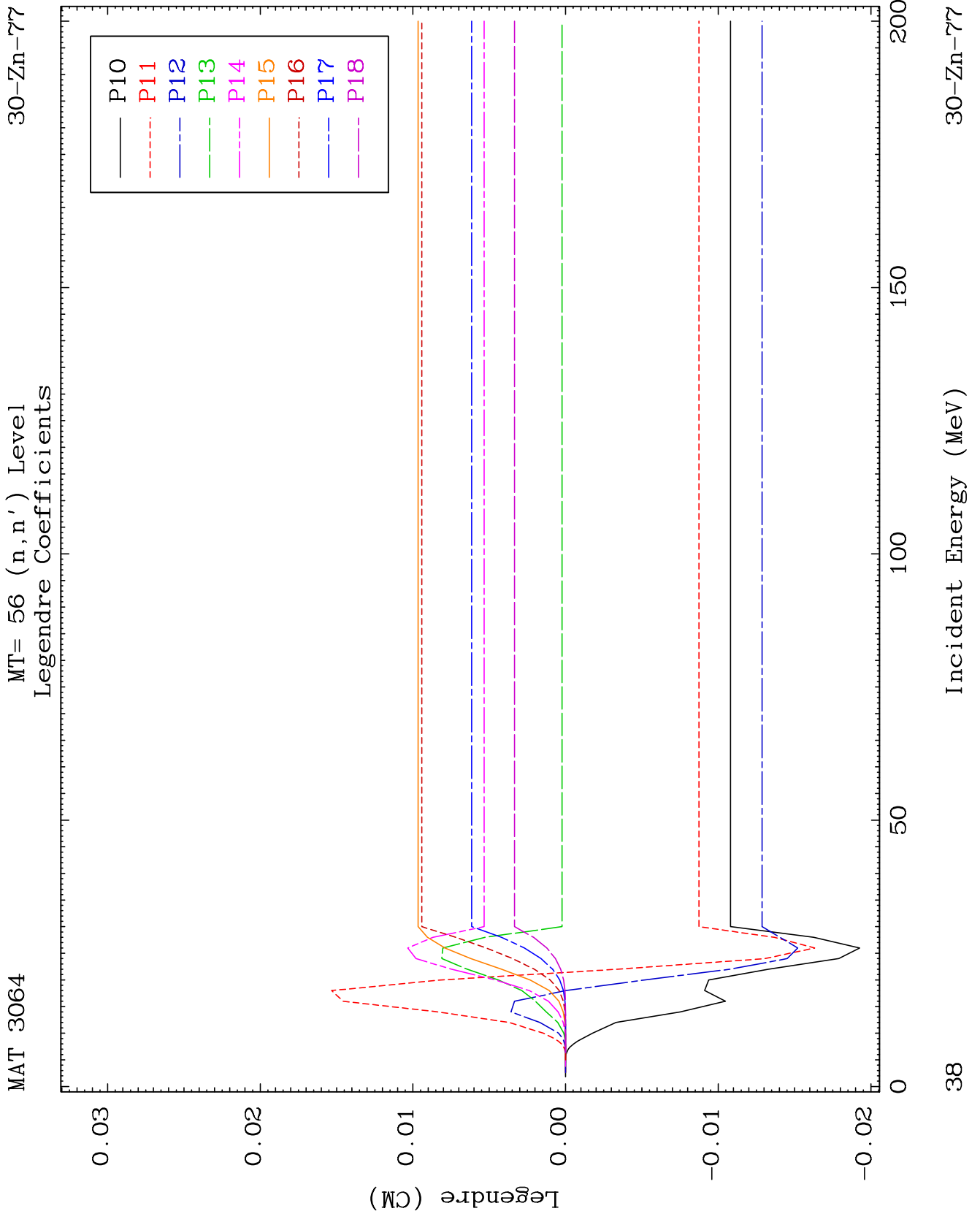
Incident Energy (MeV)

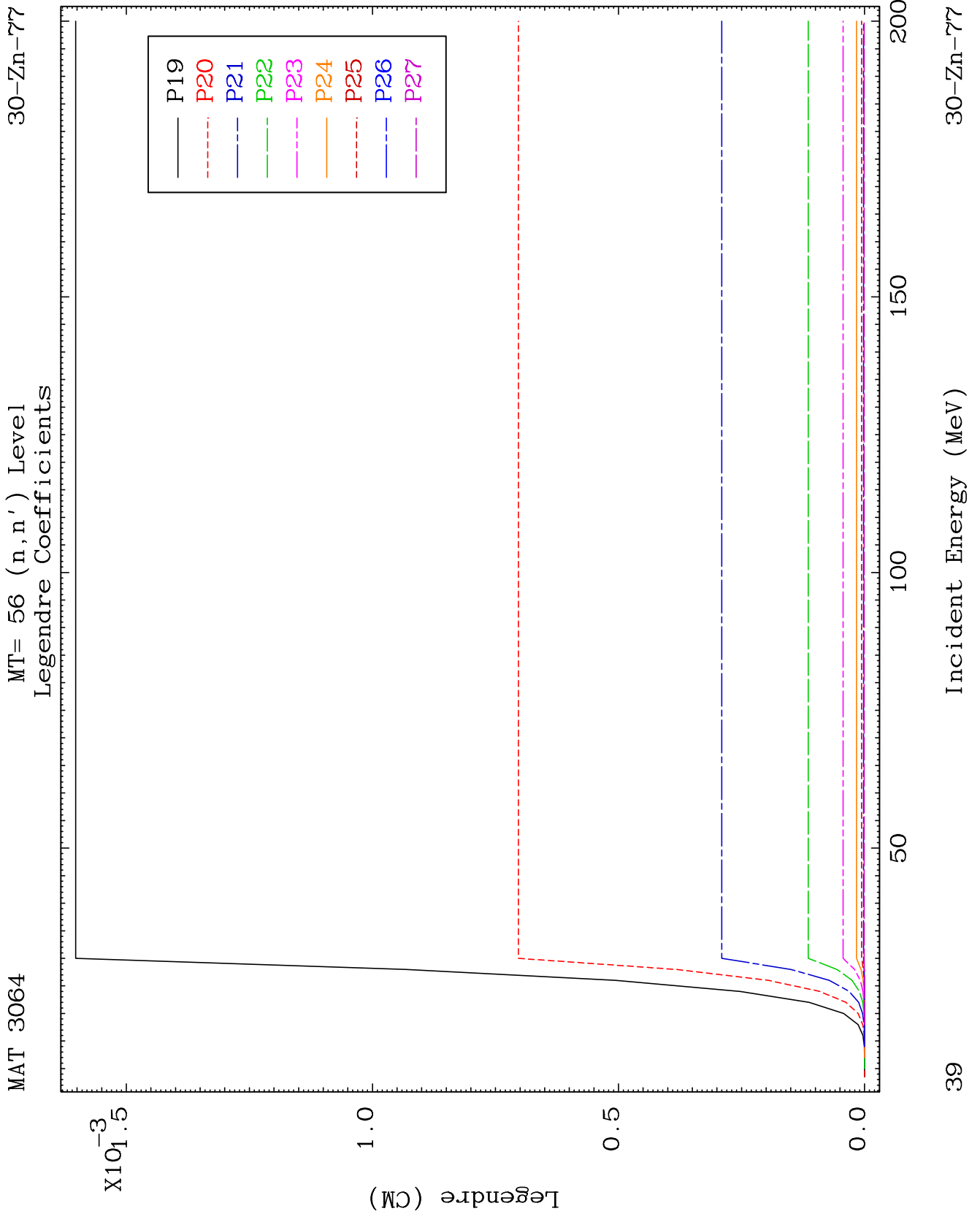
30-Zn-77









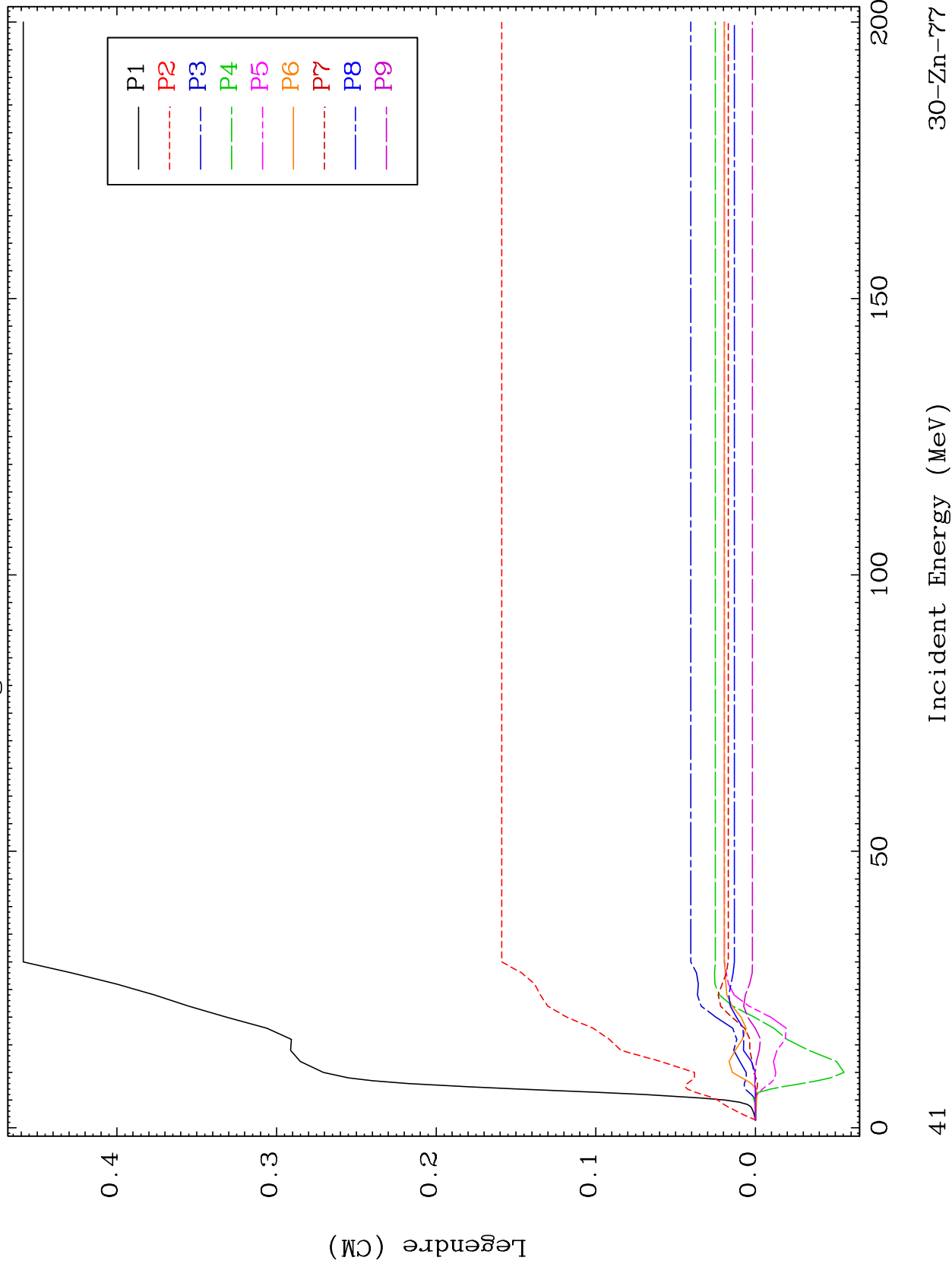




MAT 3064

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

30-Zn-77



41

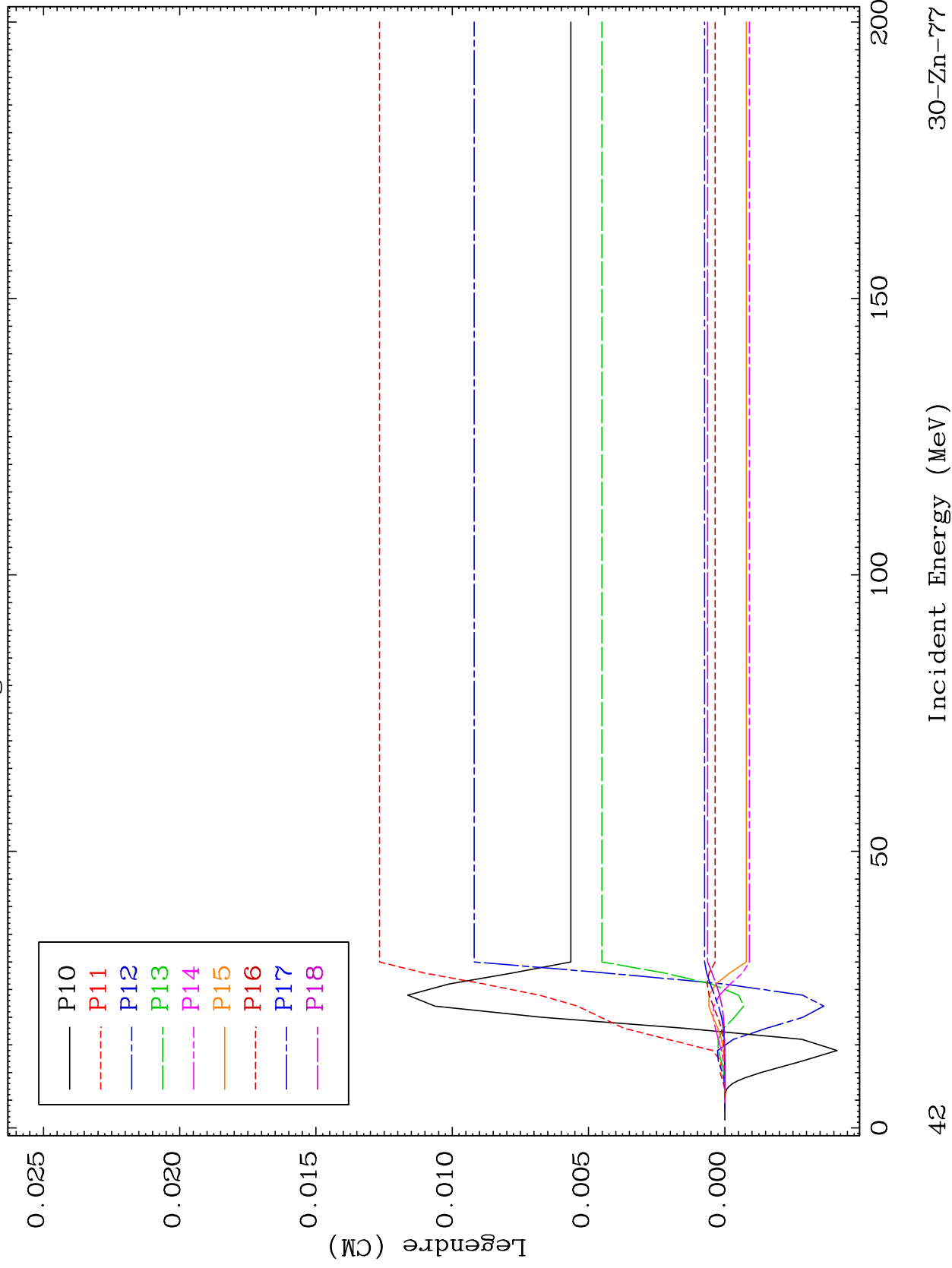
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

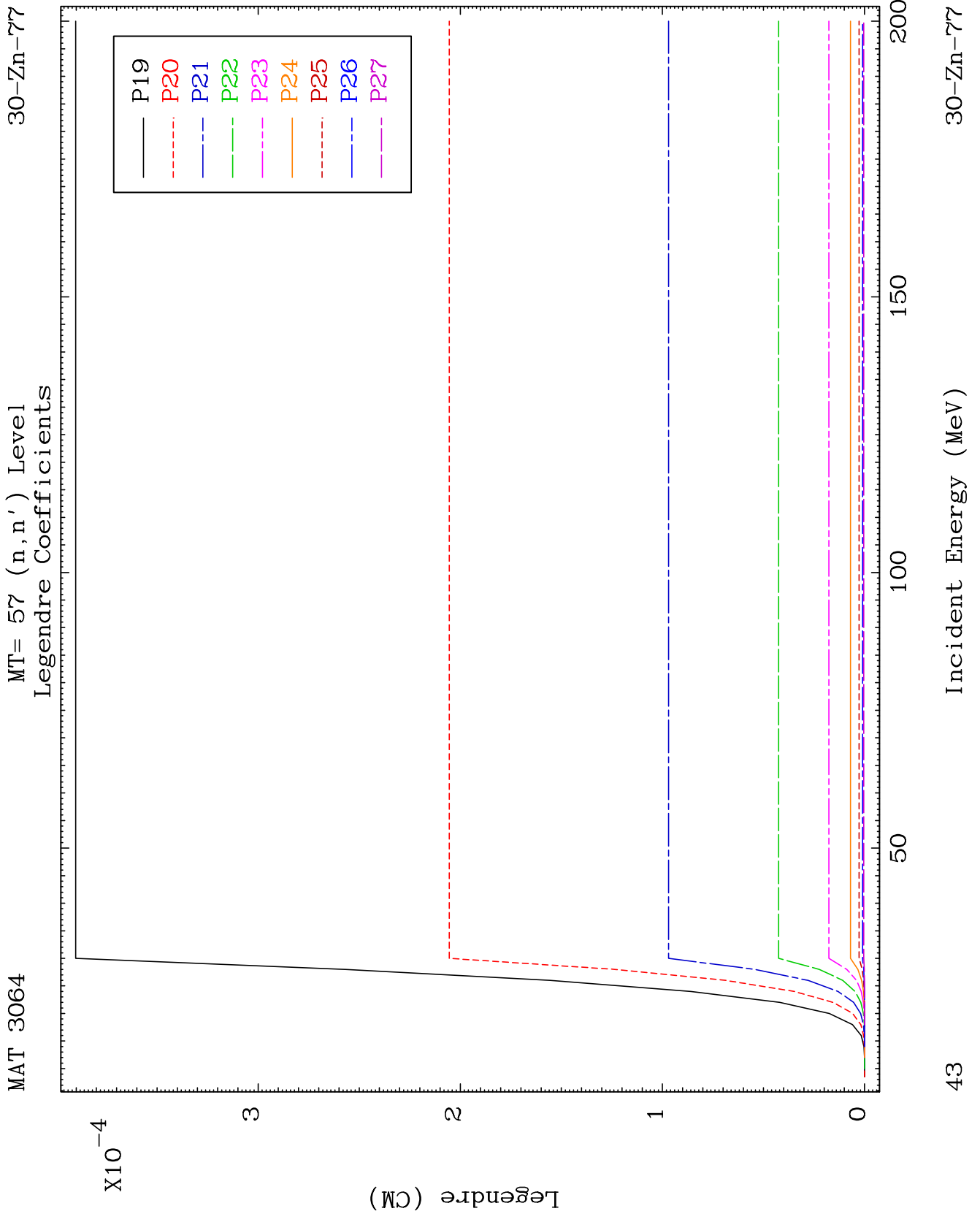
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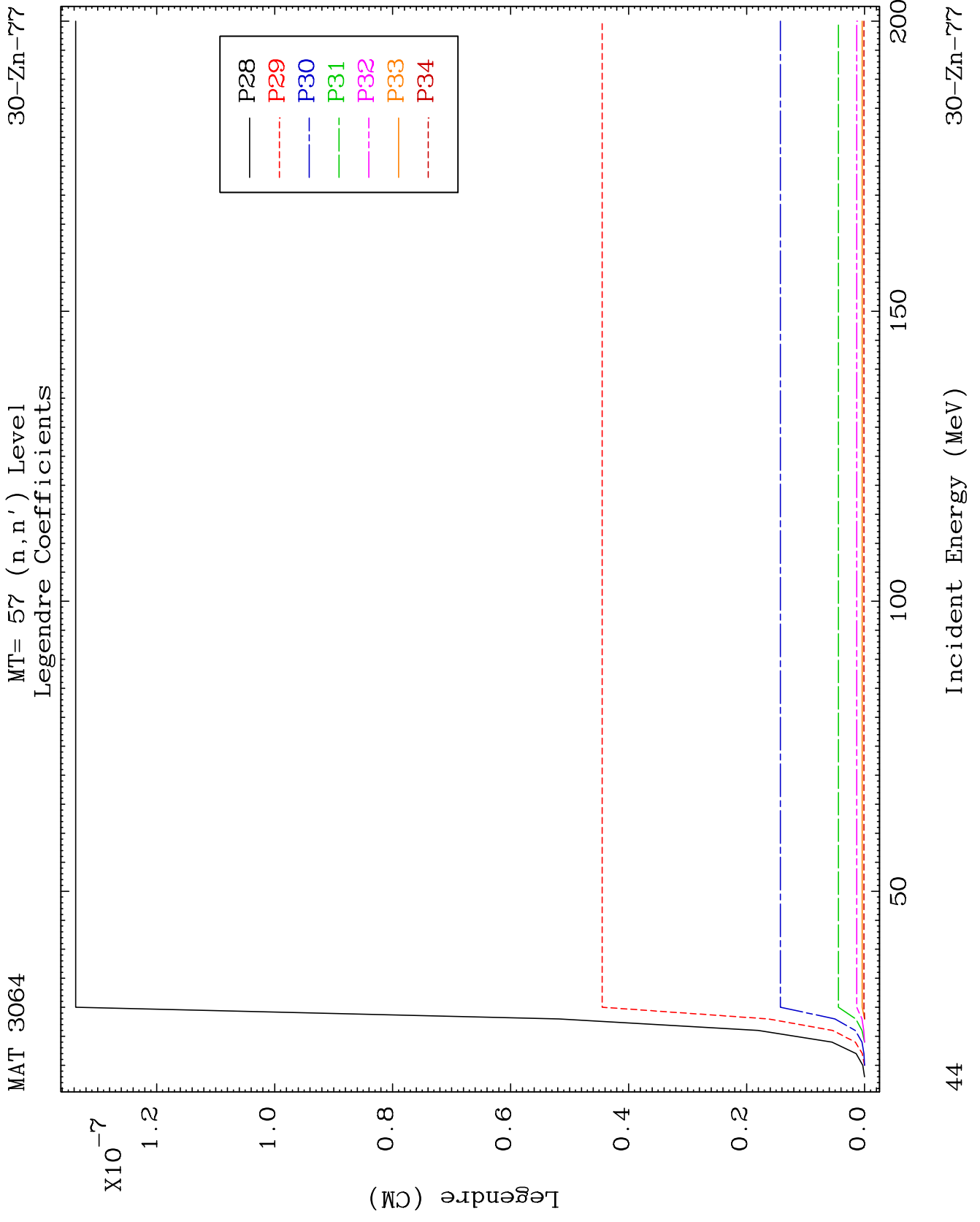


42

Incident Energy (MeV)

30-Zn-77



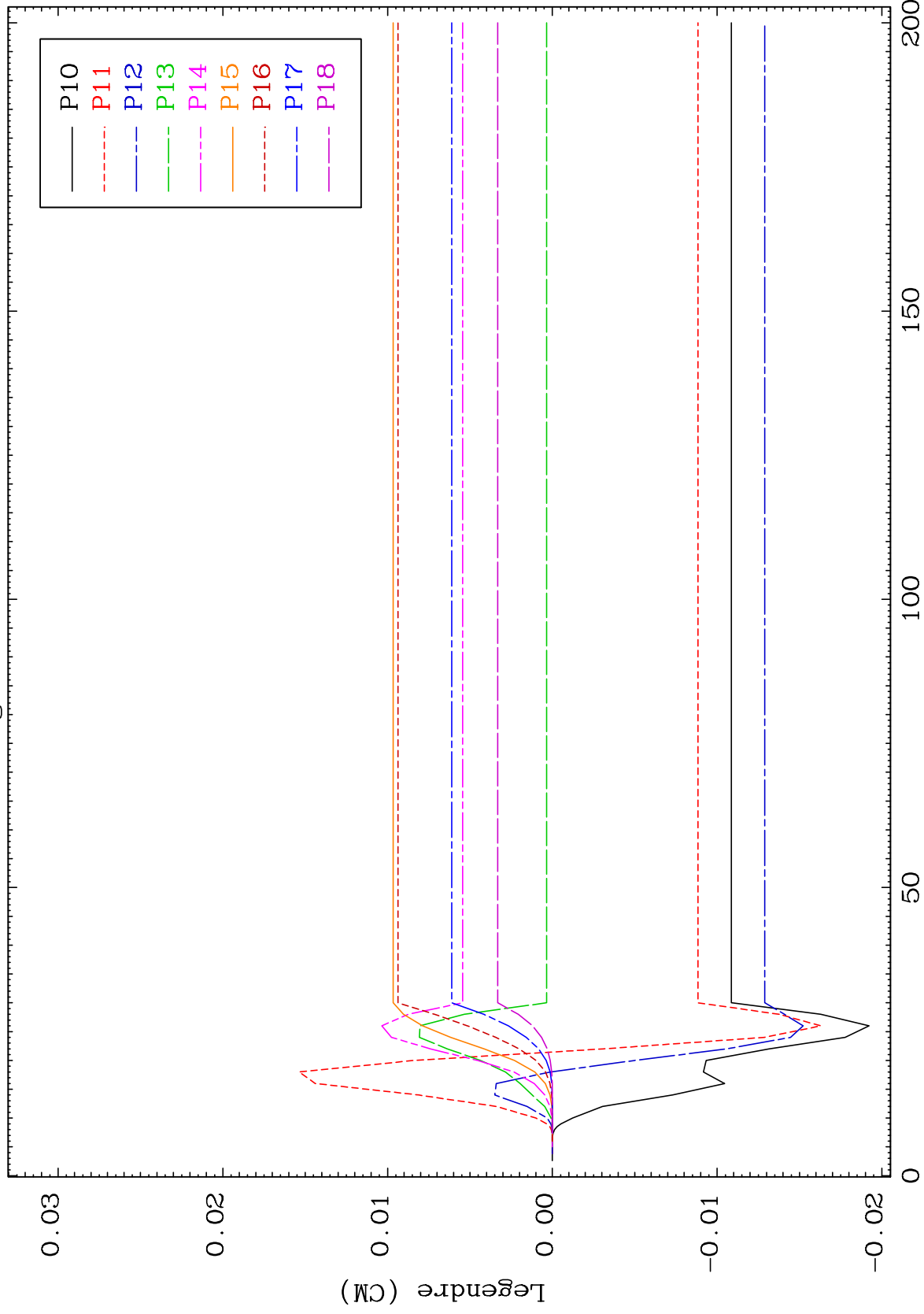




MAT 3064

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

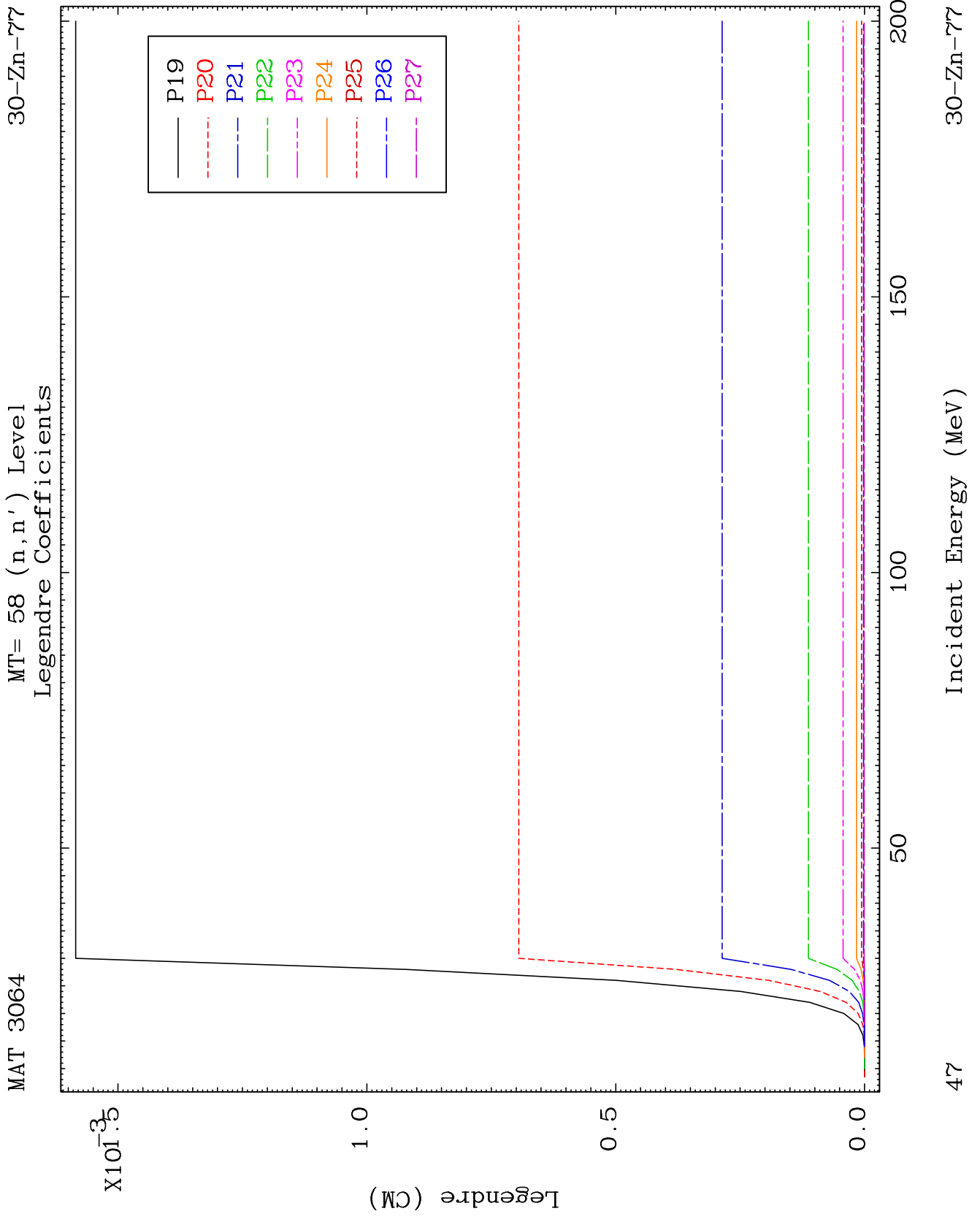
30-Zn-77

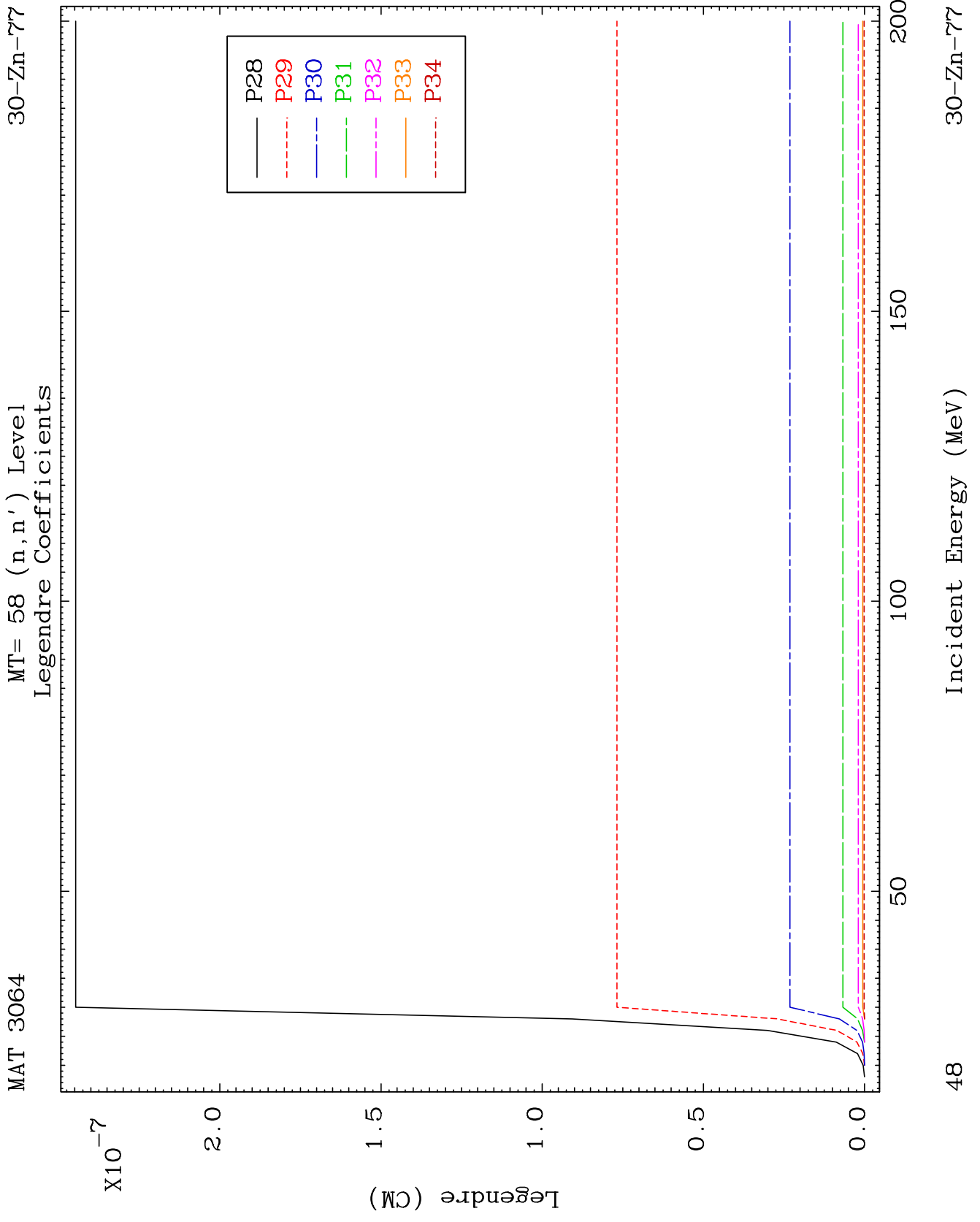


46

Incident Energy (MeV)

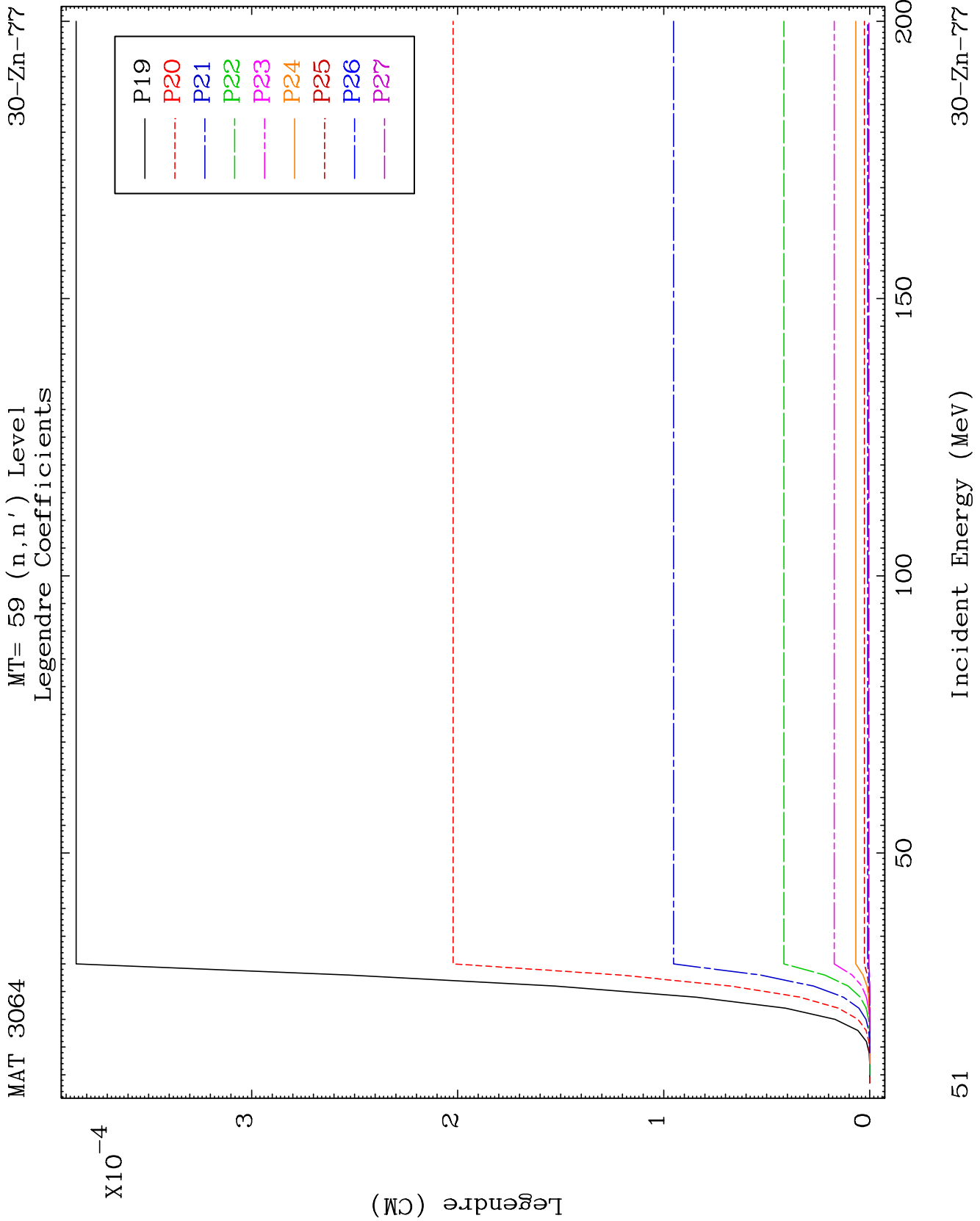
30-Zn-77

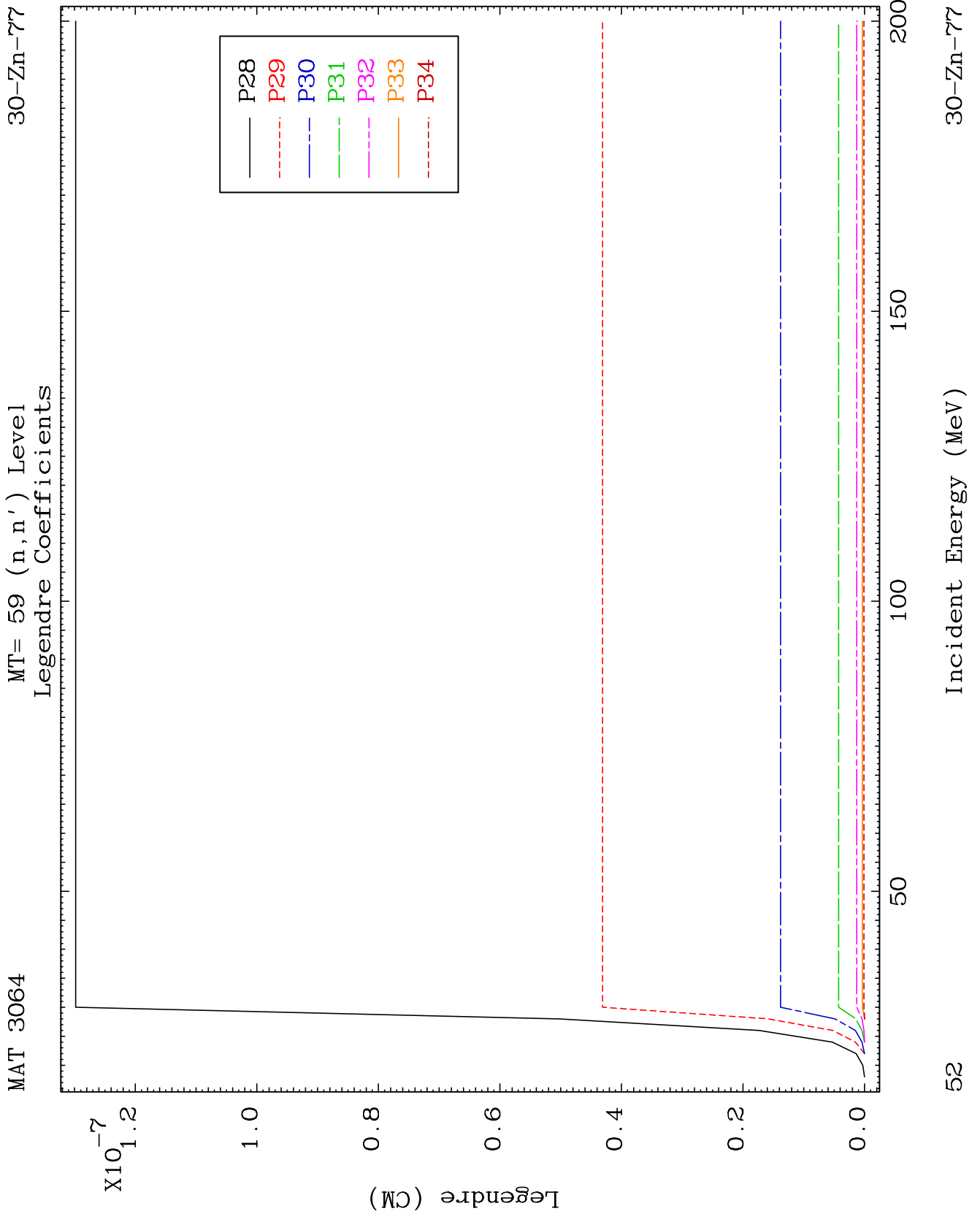


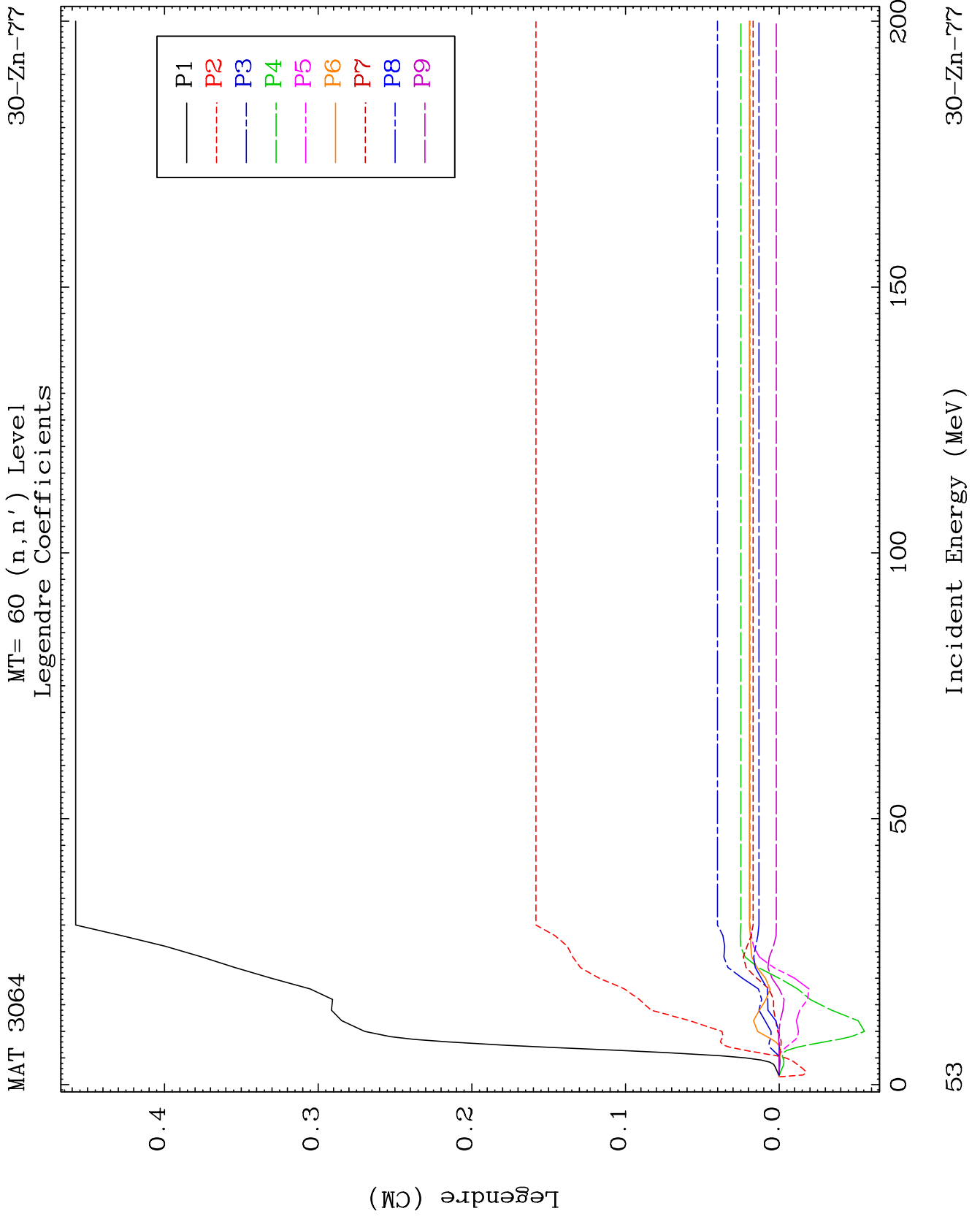








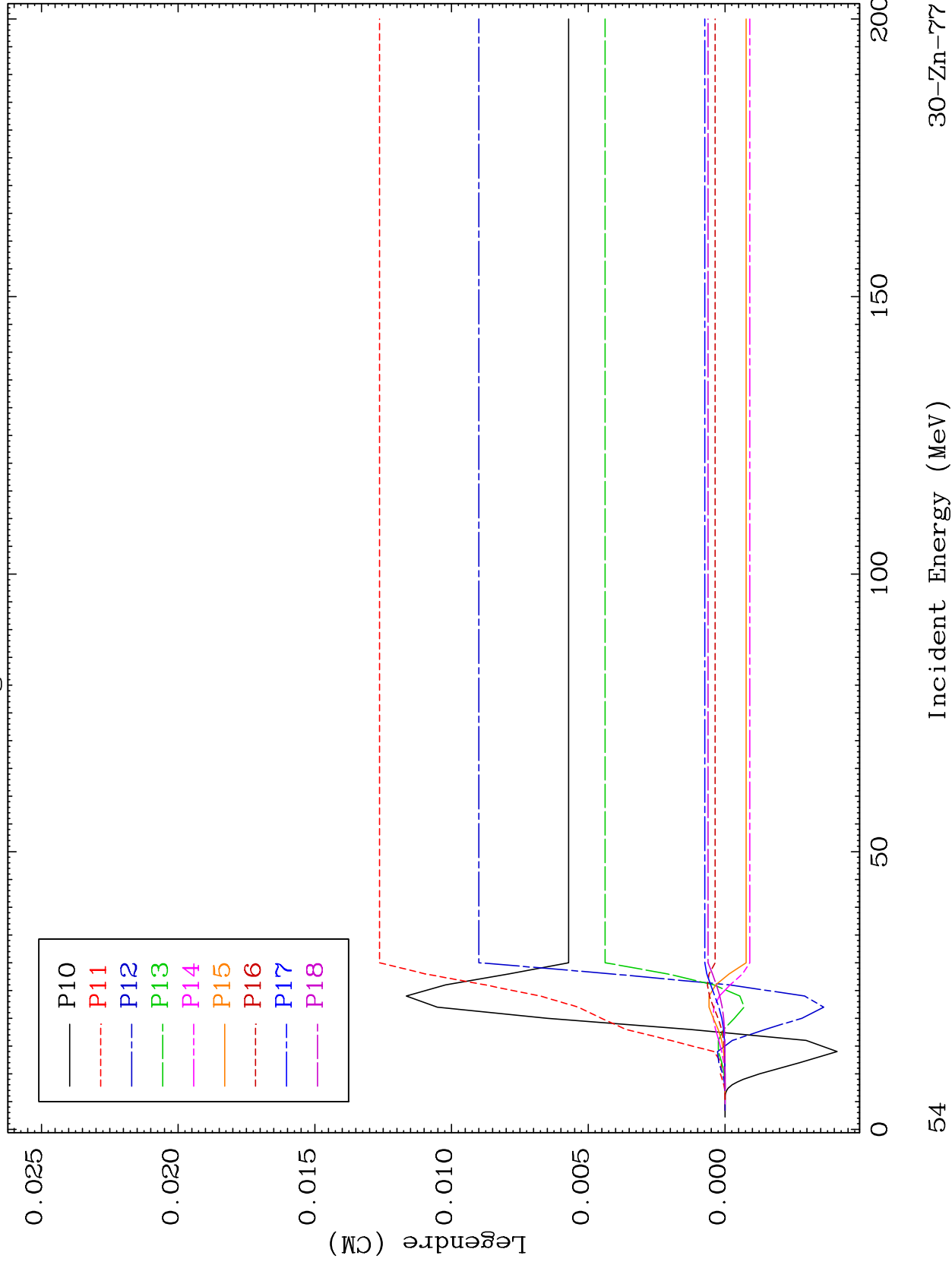


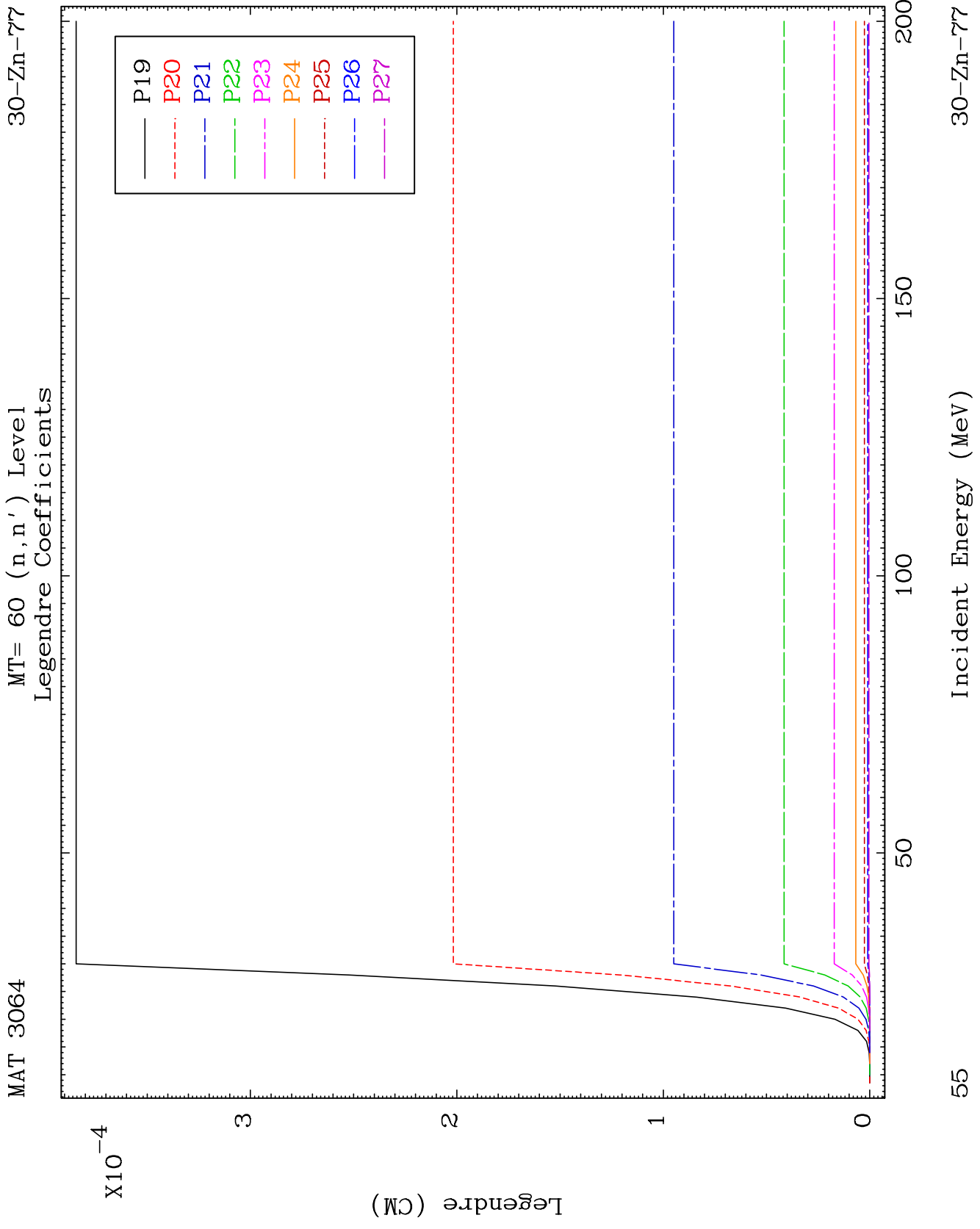


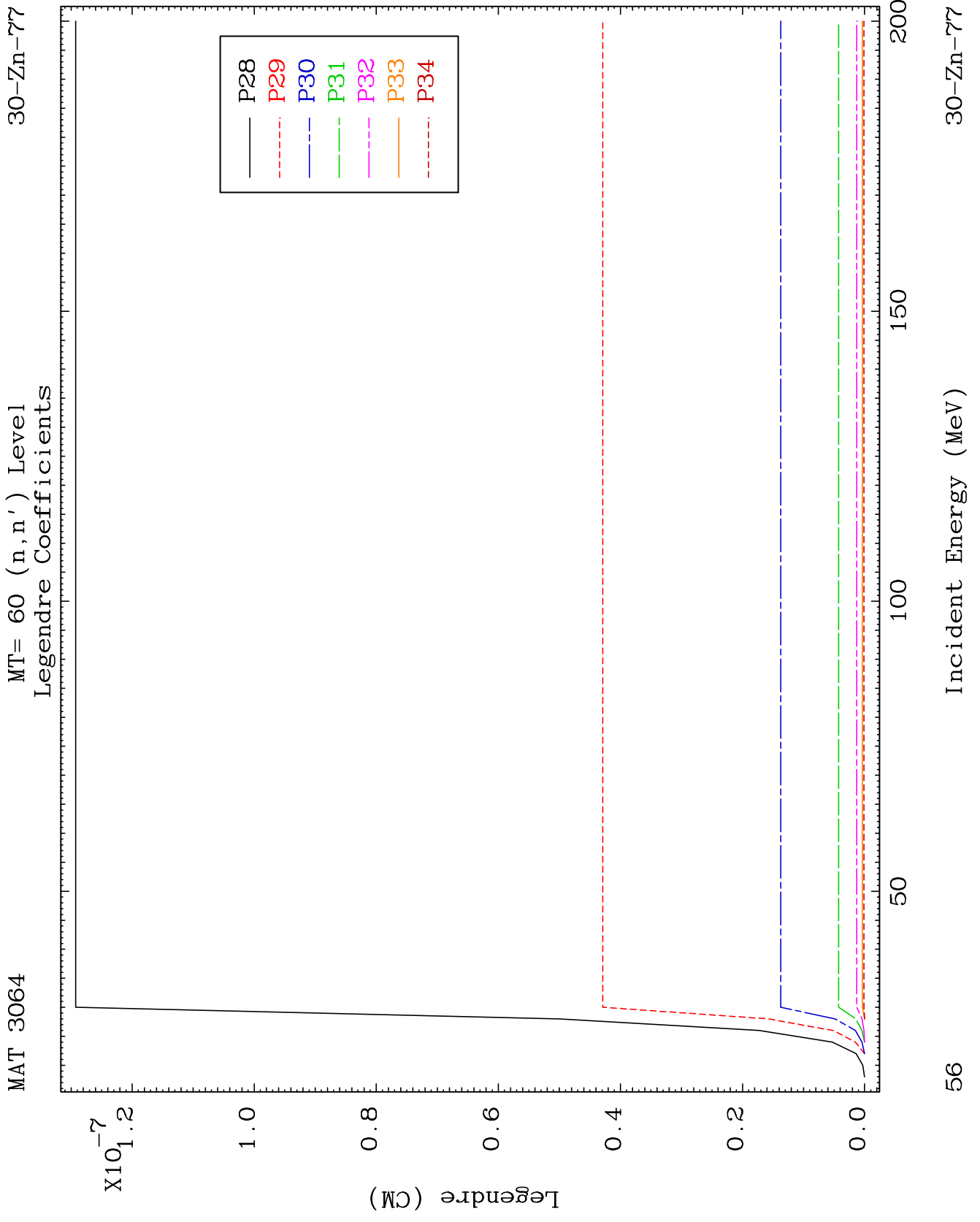
MAT 3064

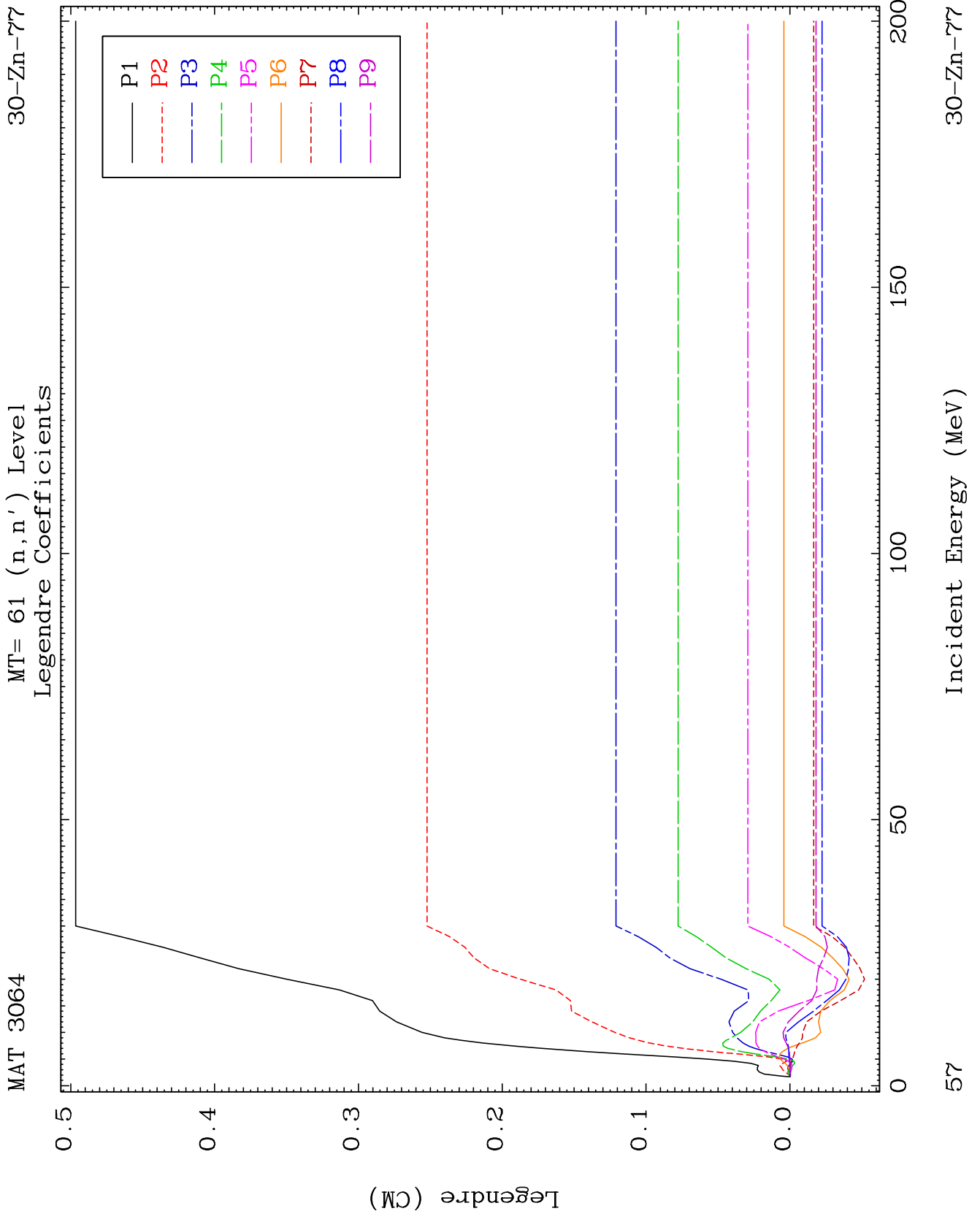
MT= 60 (n,n') Level  
Legendre Coefficients

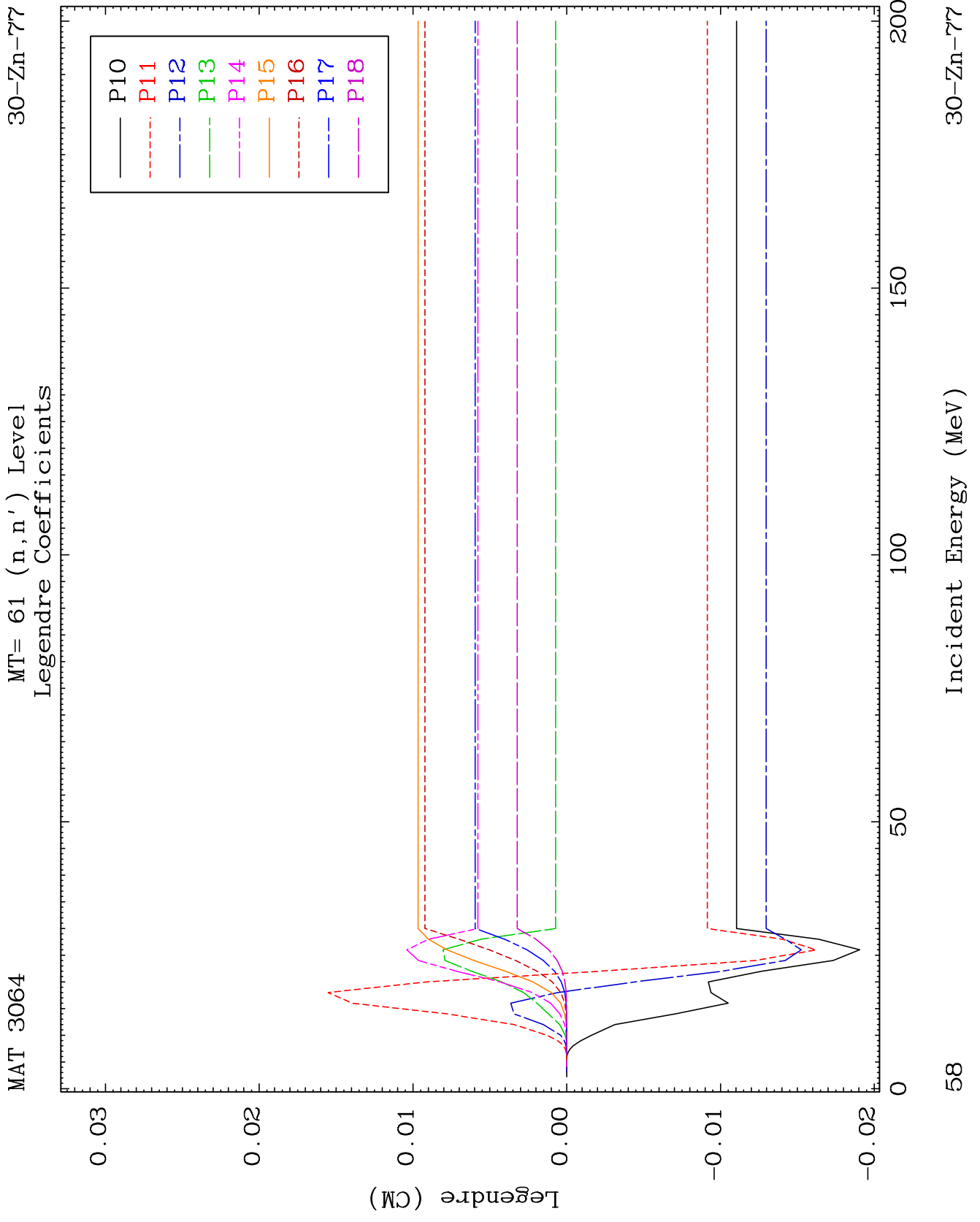
30-Zn-77

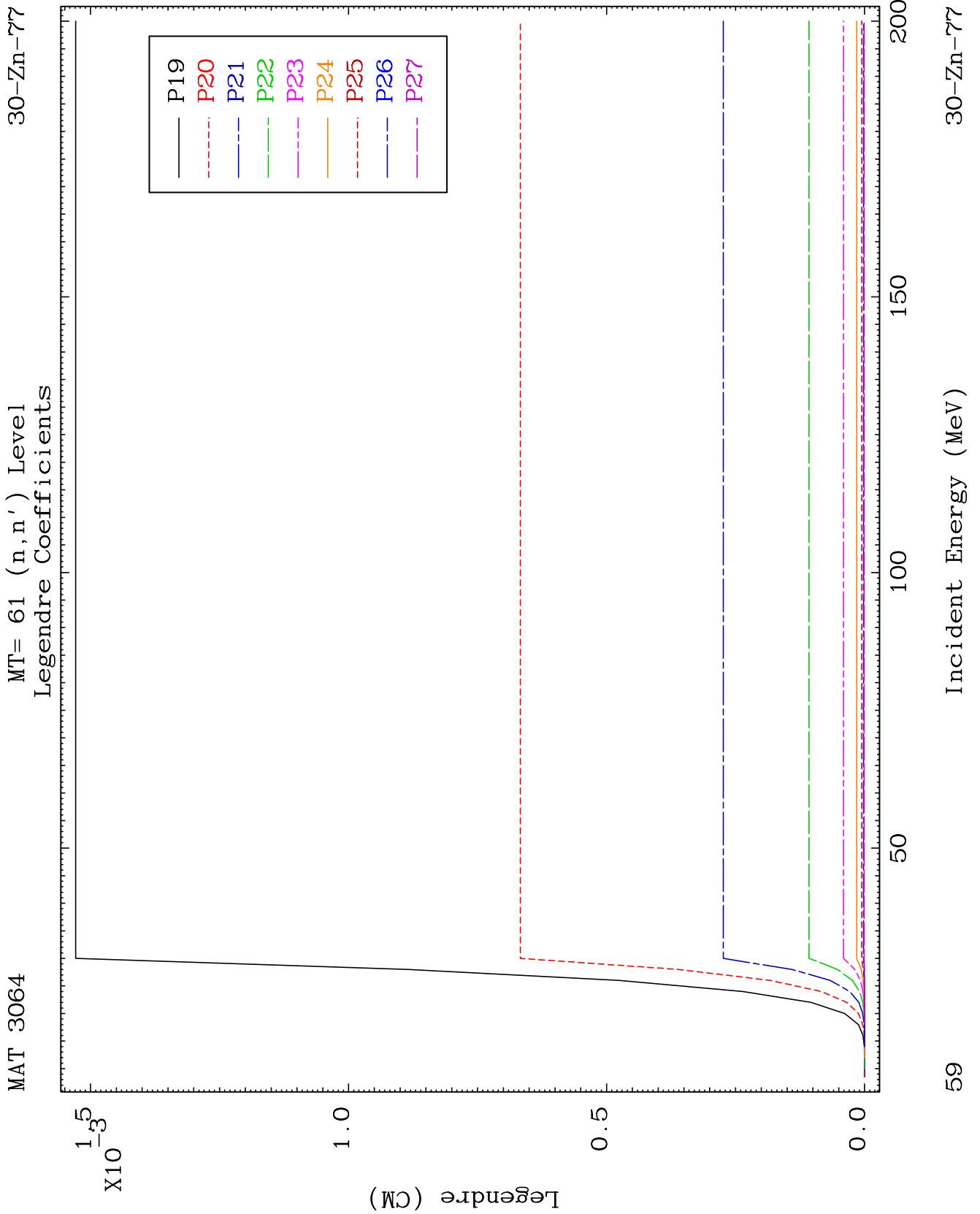


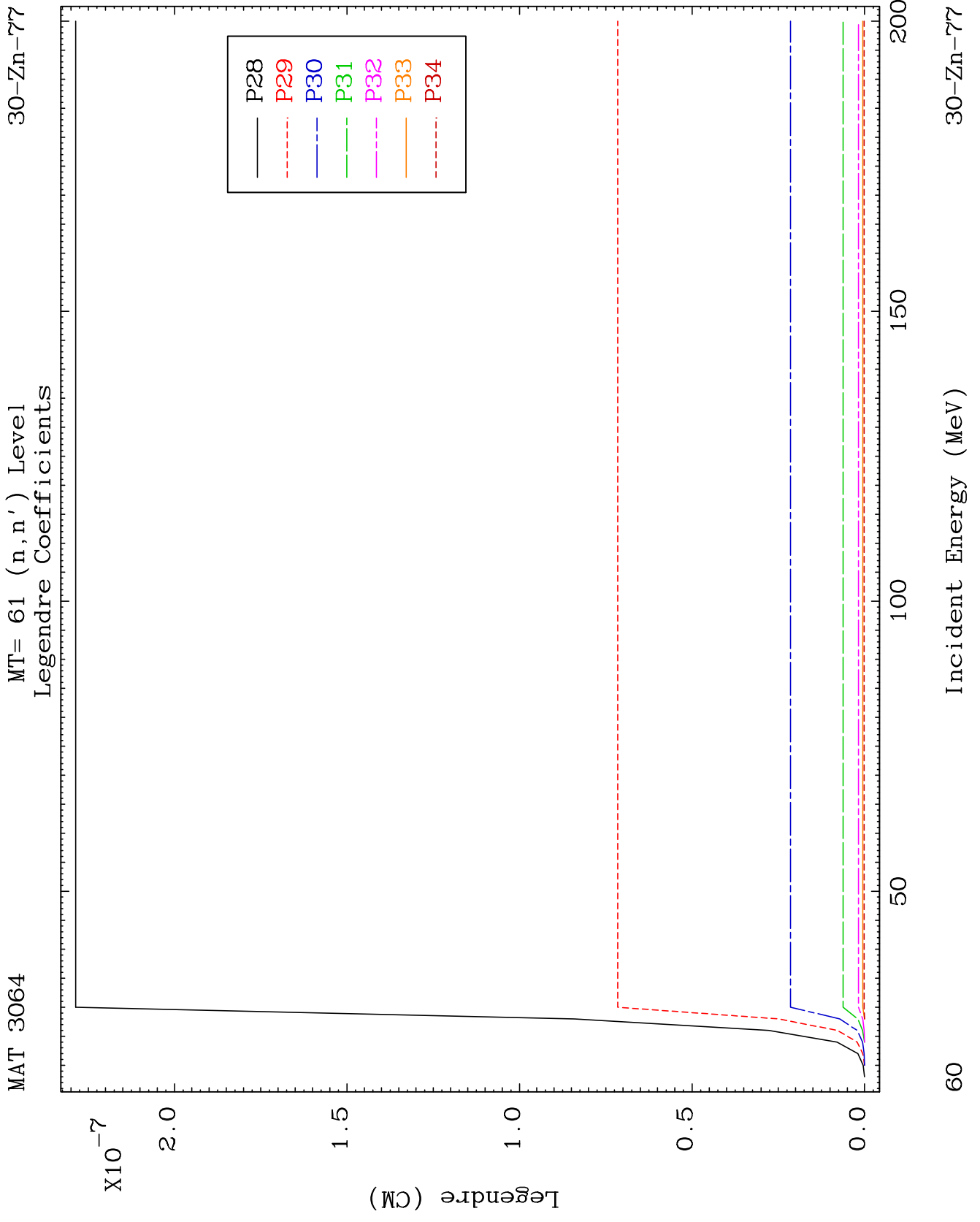


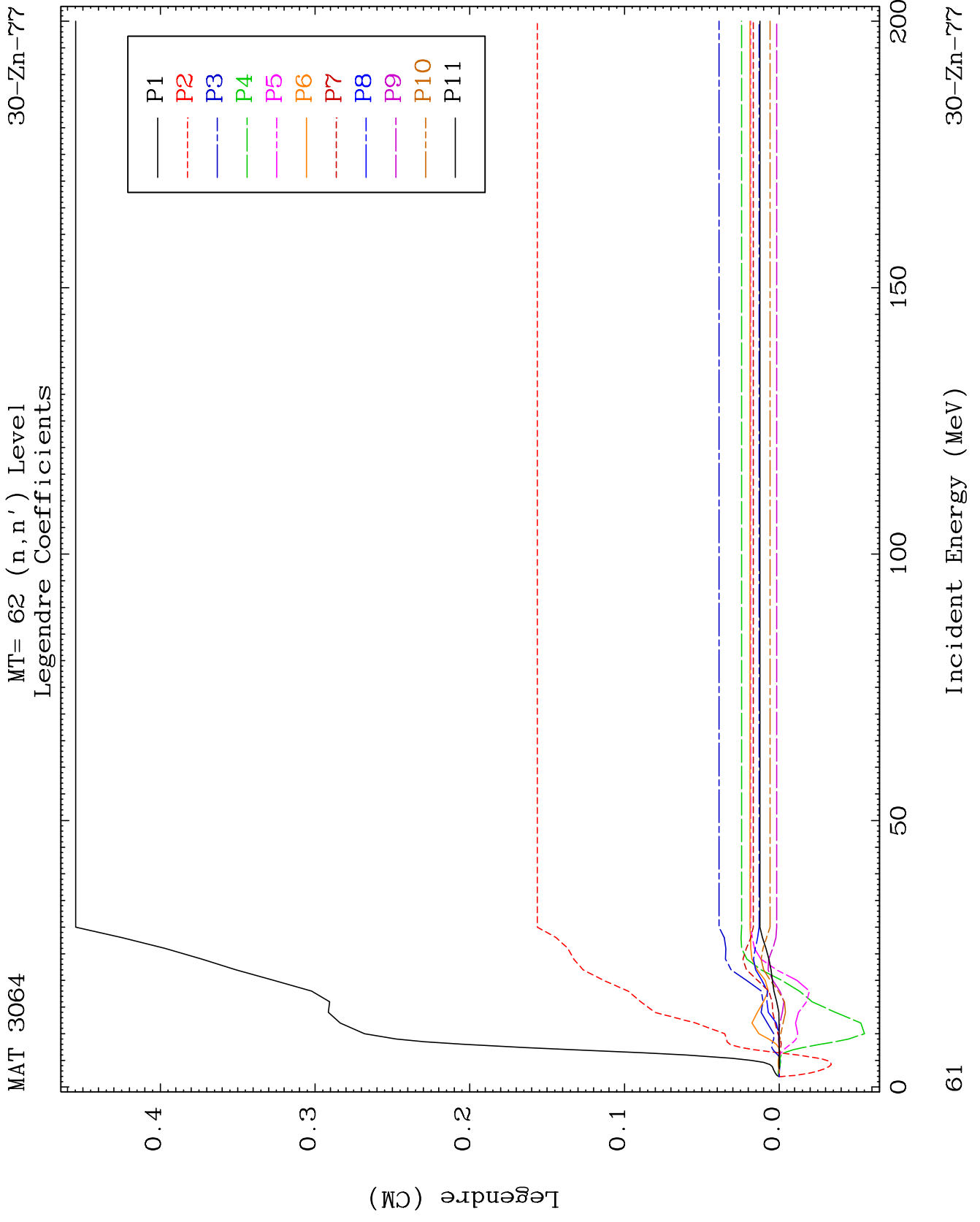








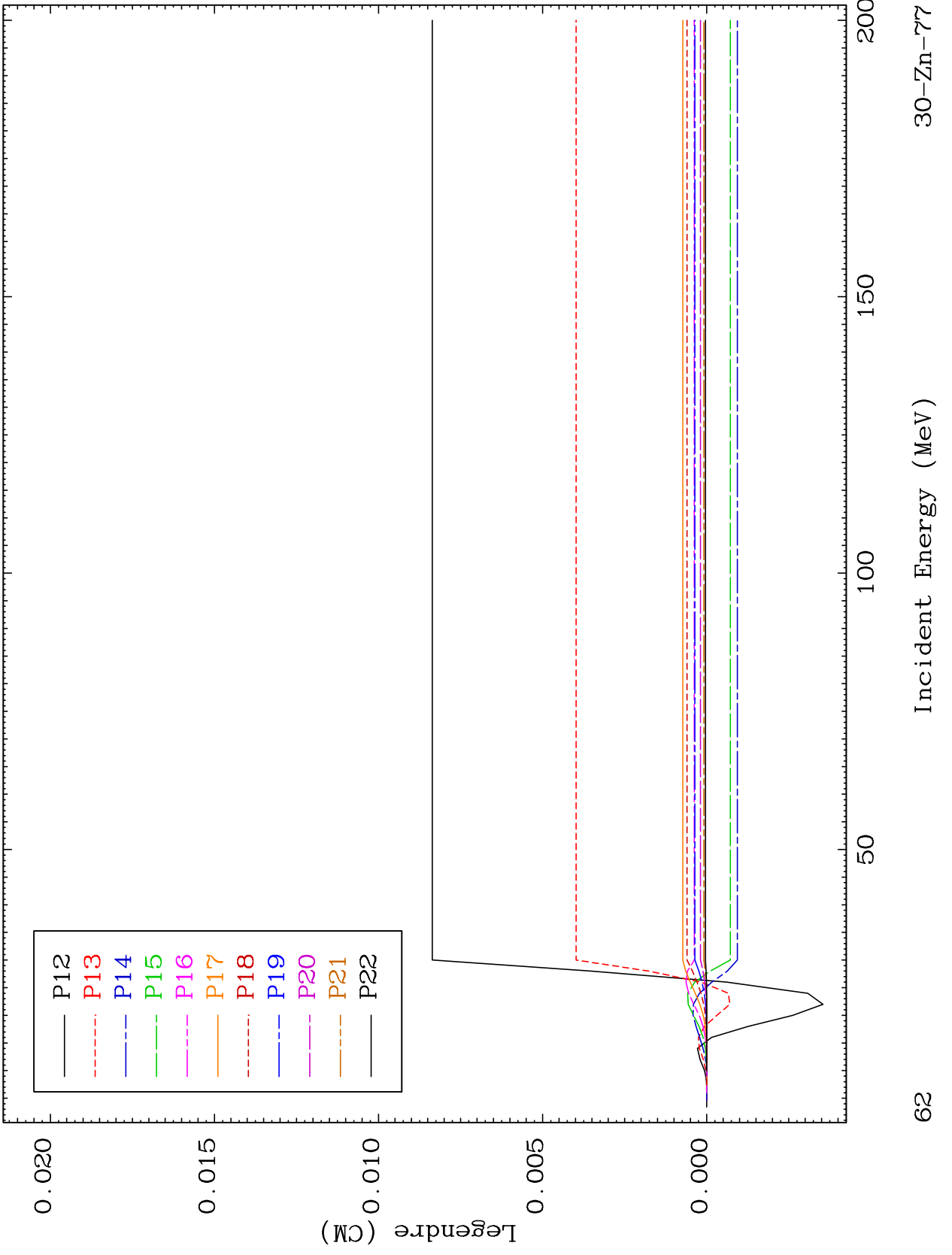




MAT 3064

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

30-Zn-77



62

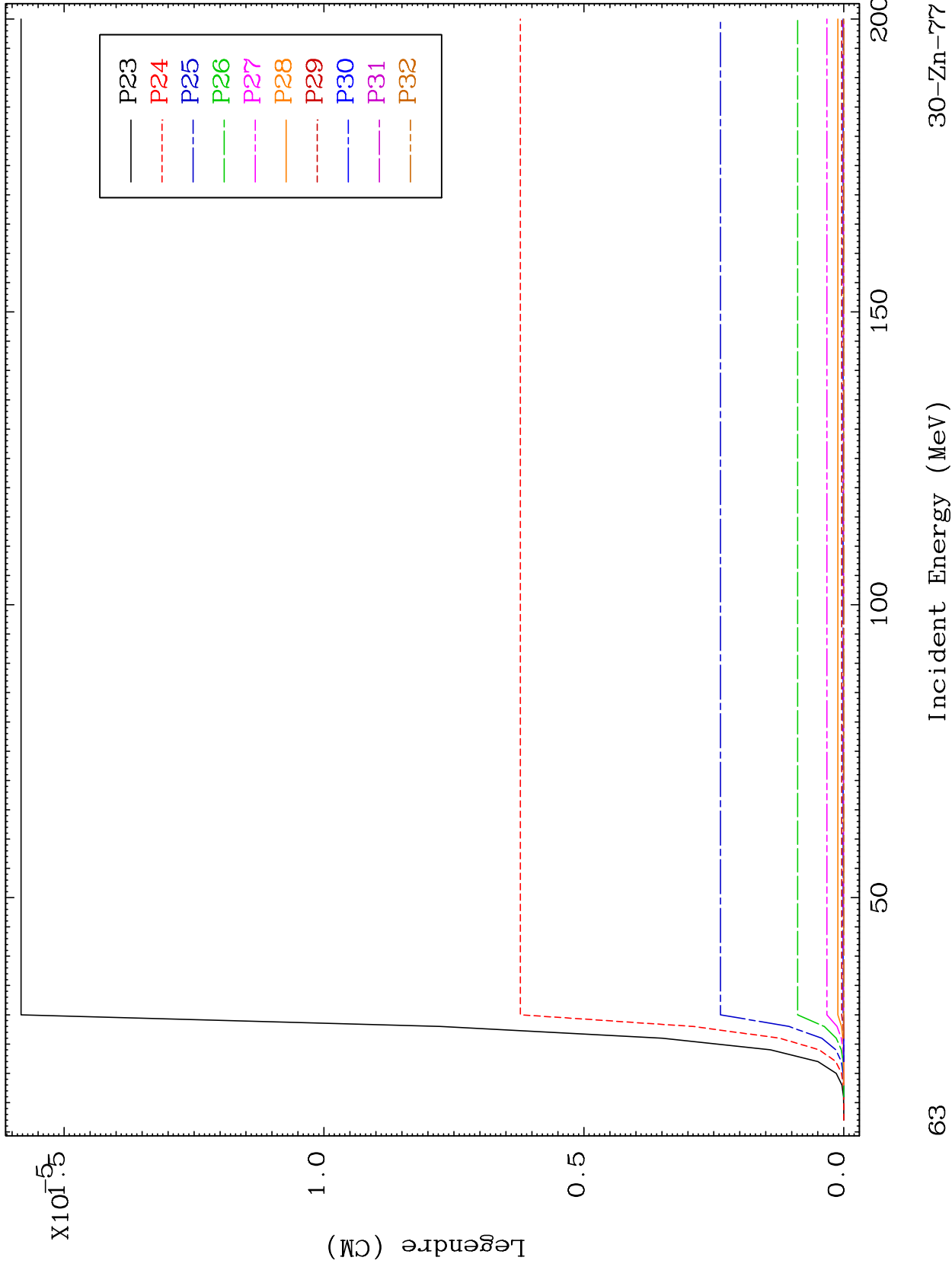
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

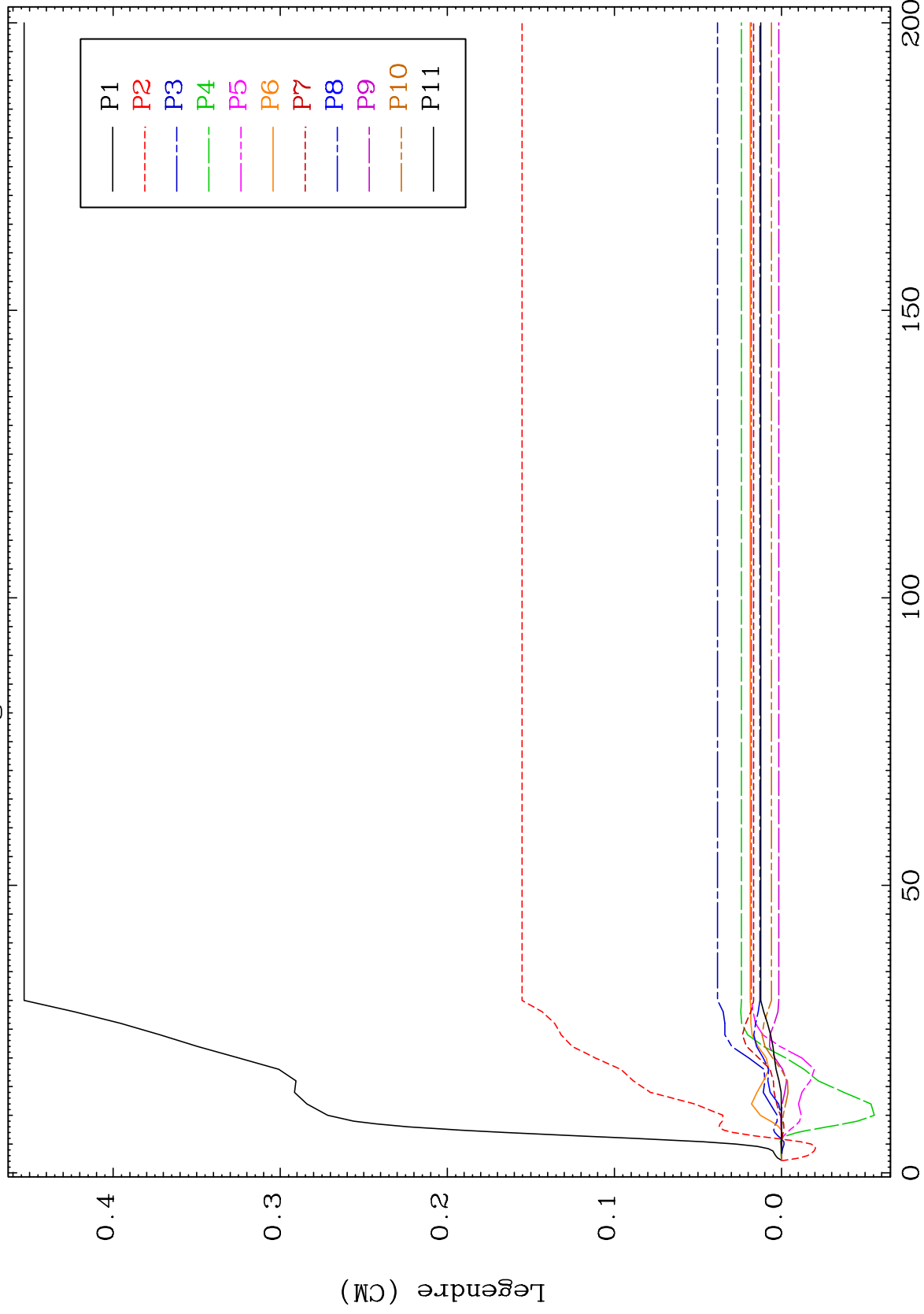
30-Zn-77



MAT 3064

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

30-Zn-77



64

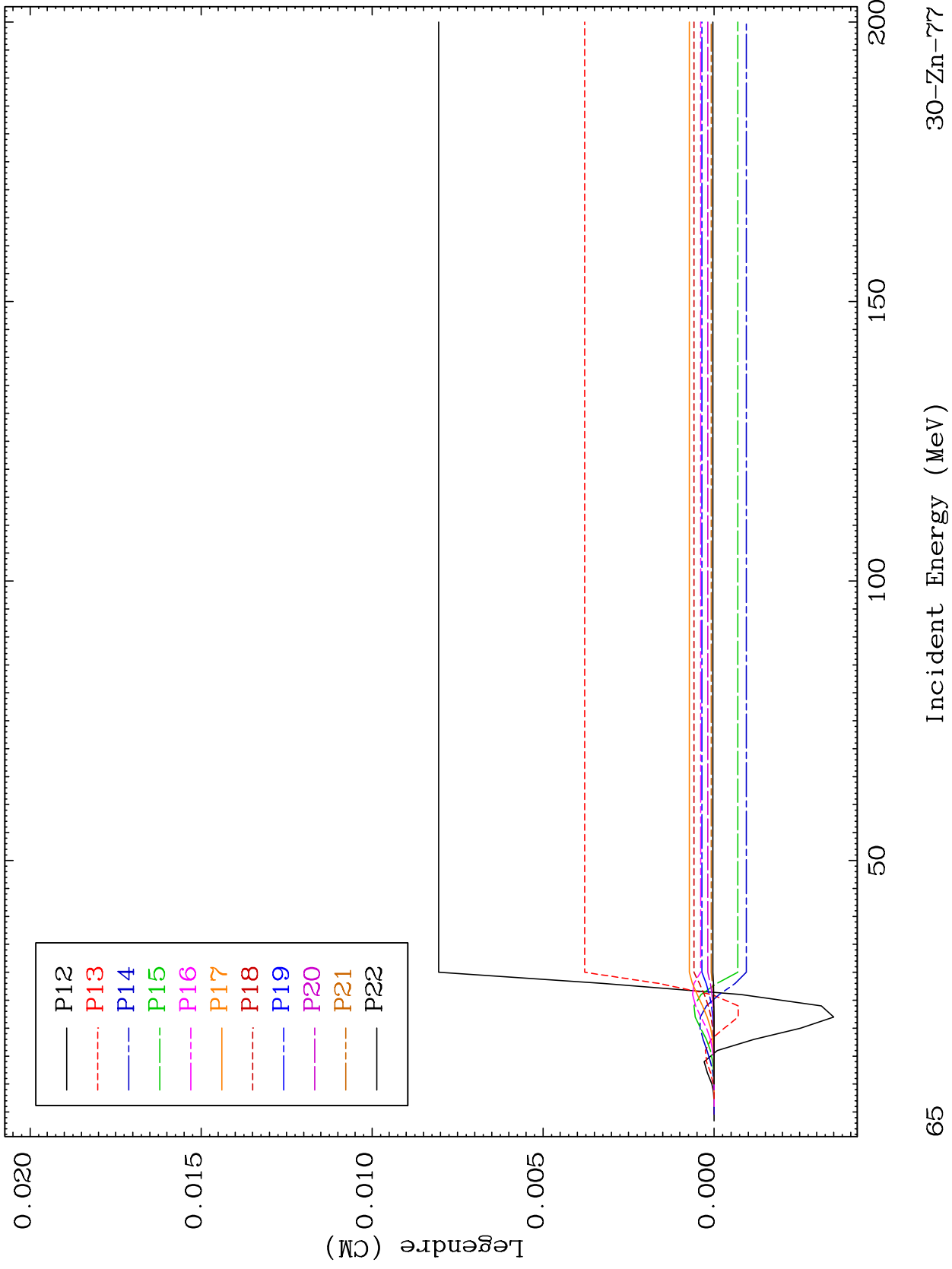
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



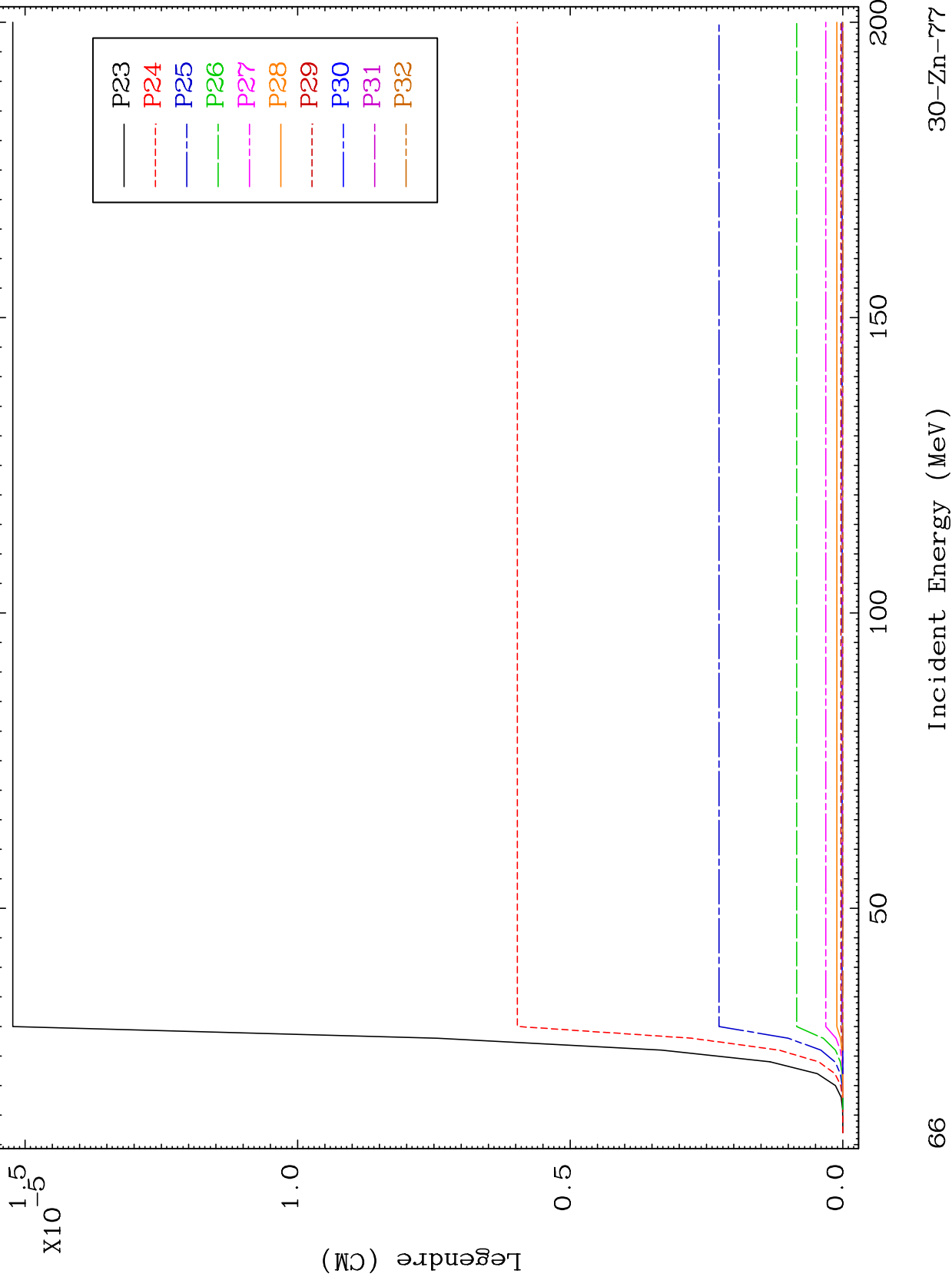
65

30-Zn-77

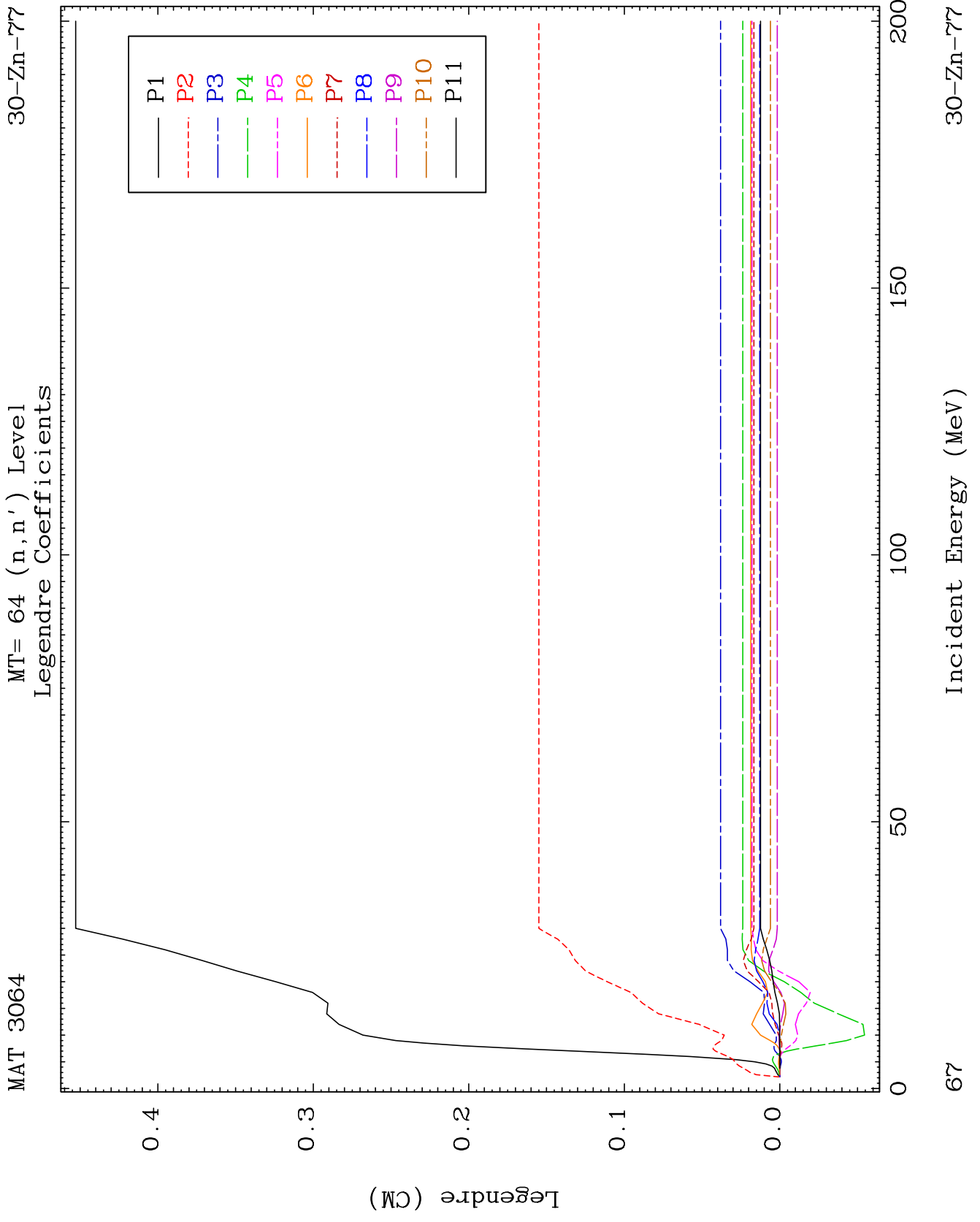
MAT 3064

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

30-Zn-77



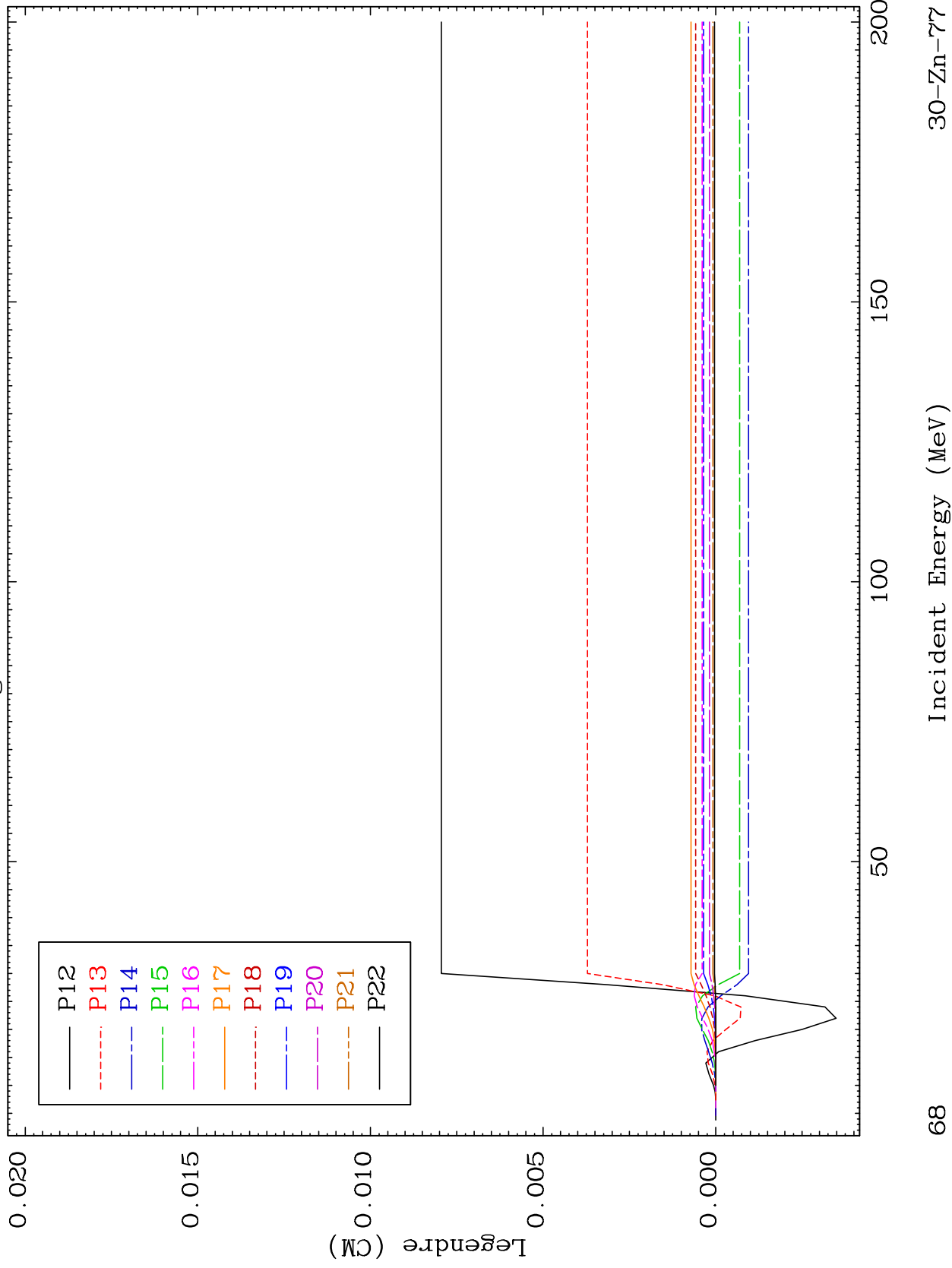
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MAT 3064

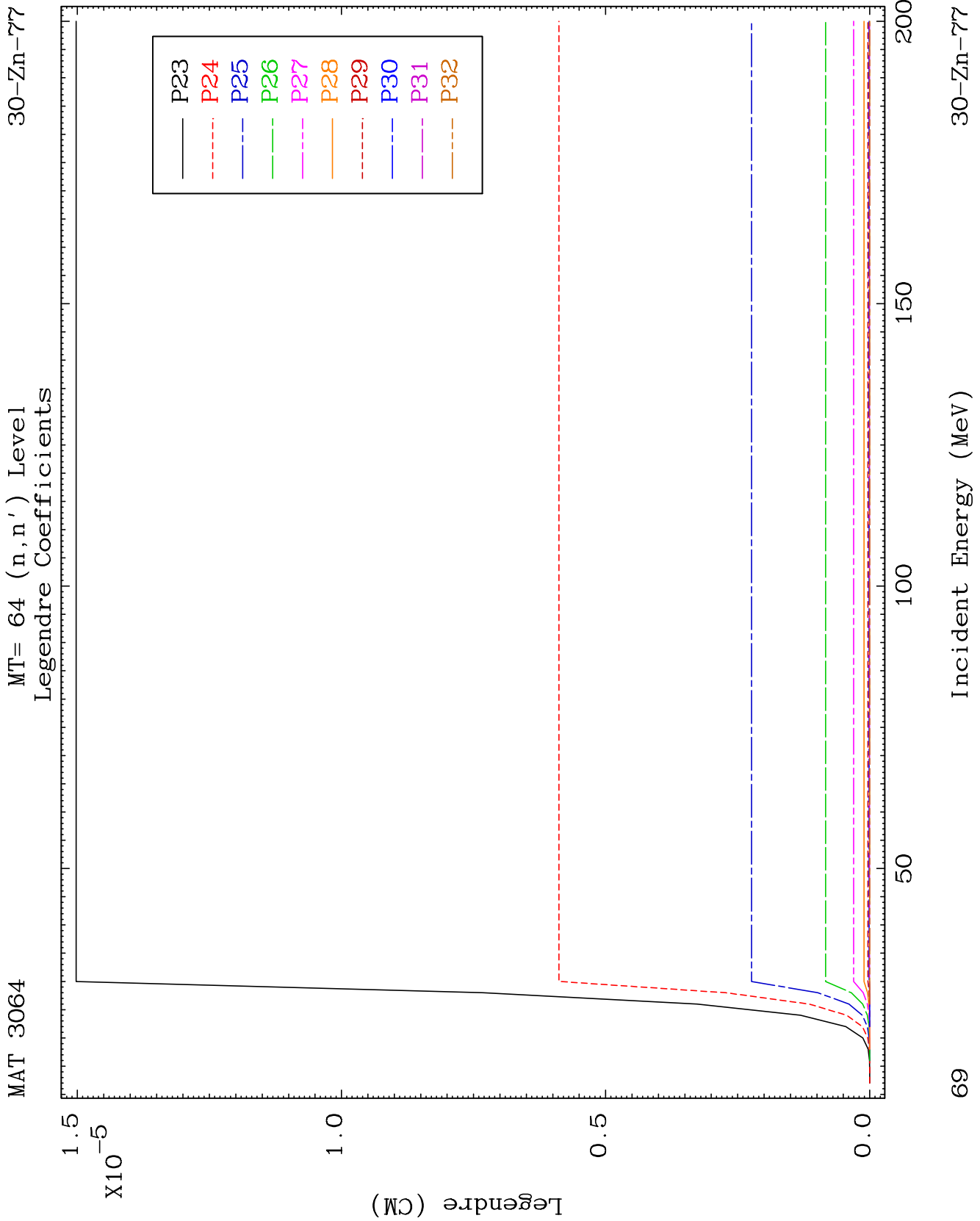
MT= 64 (n,n') Level  
Legendre Coefficients

30-Zn-77



68

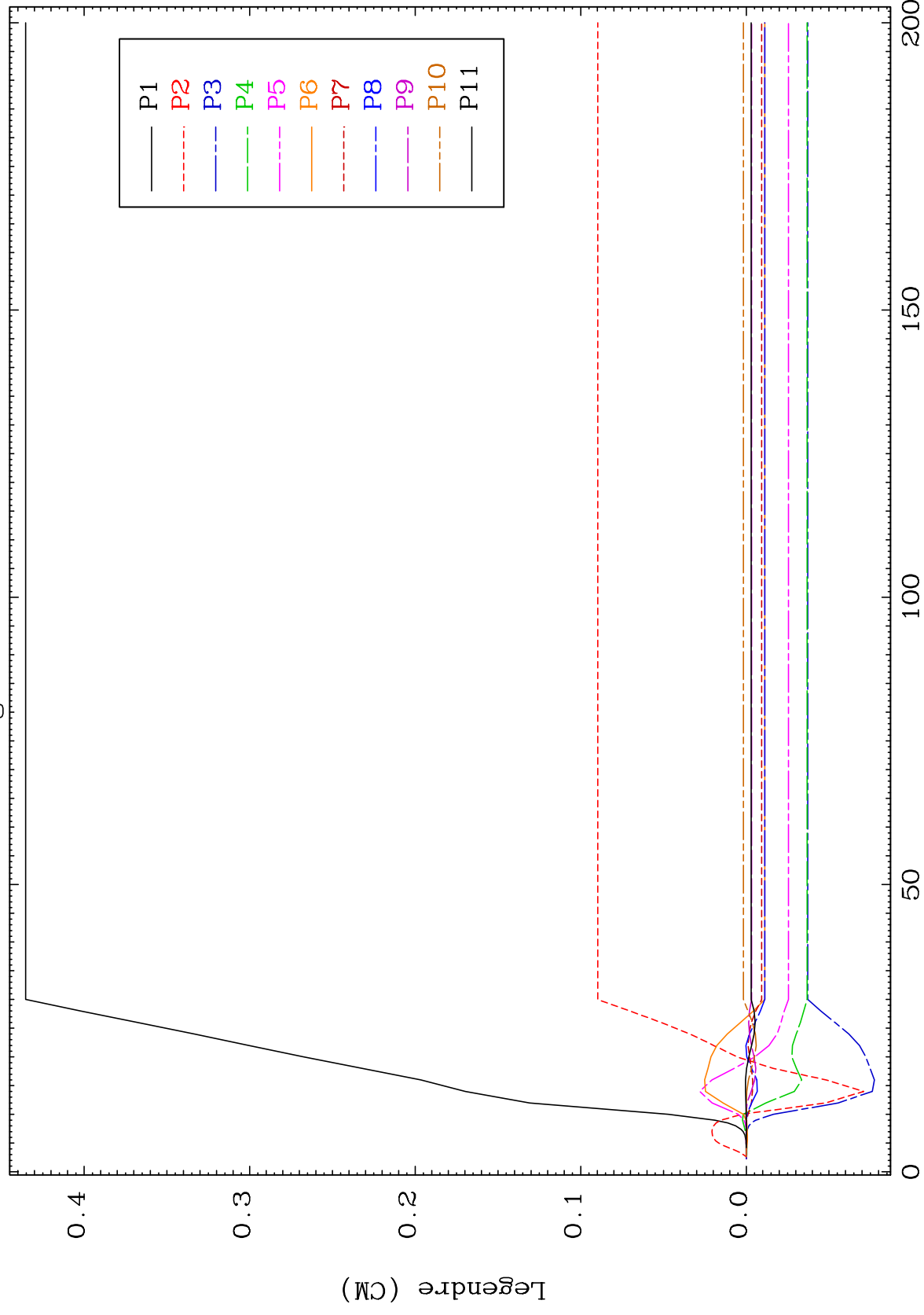
30-Zn-77



MAT 3064

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

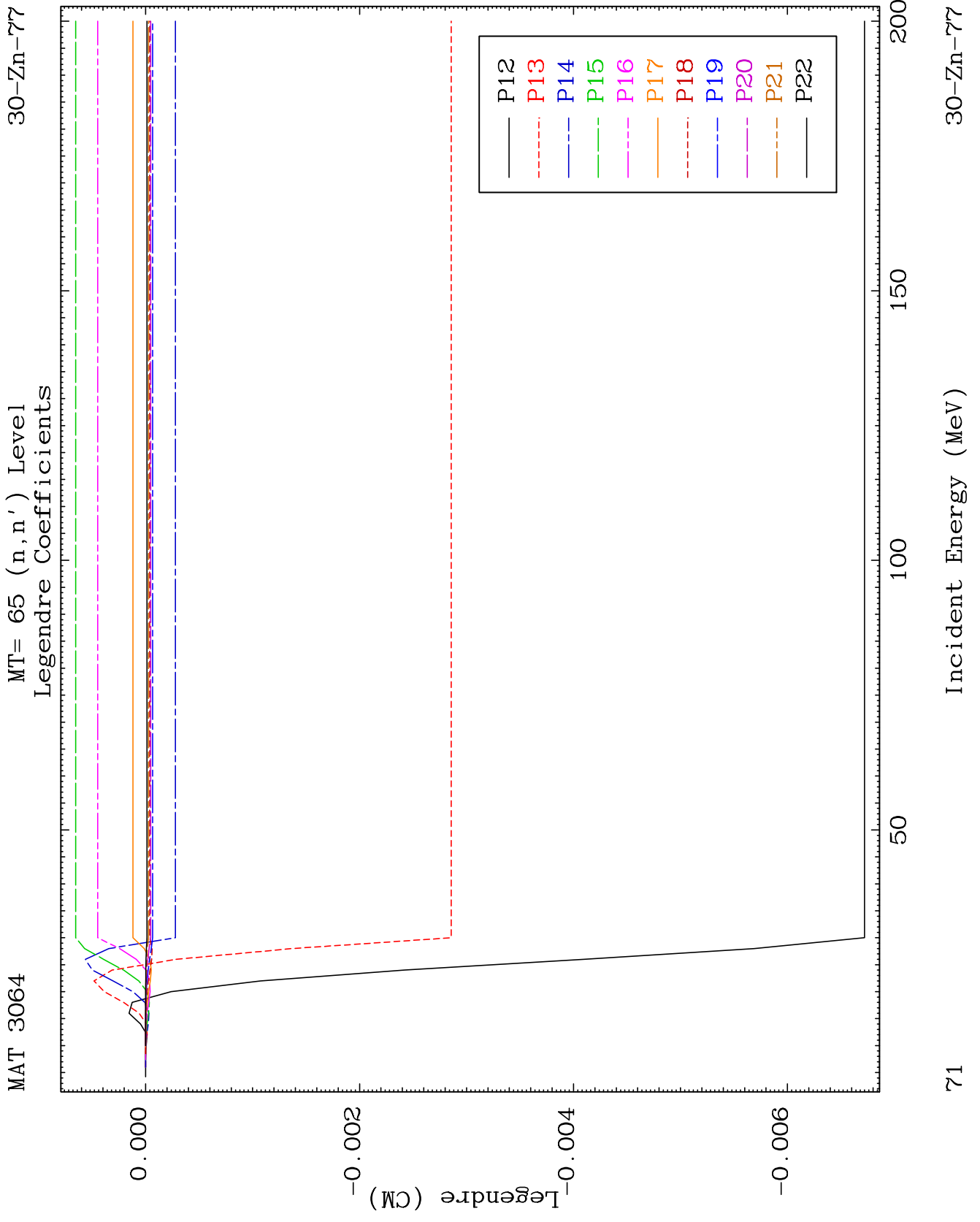
30-Zn-77

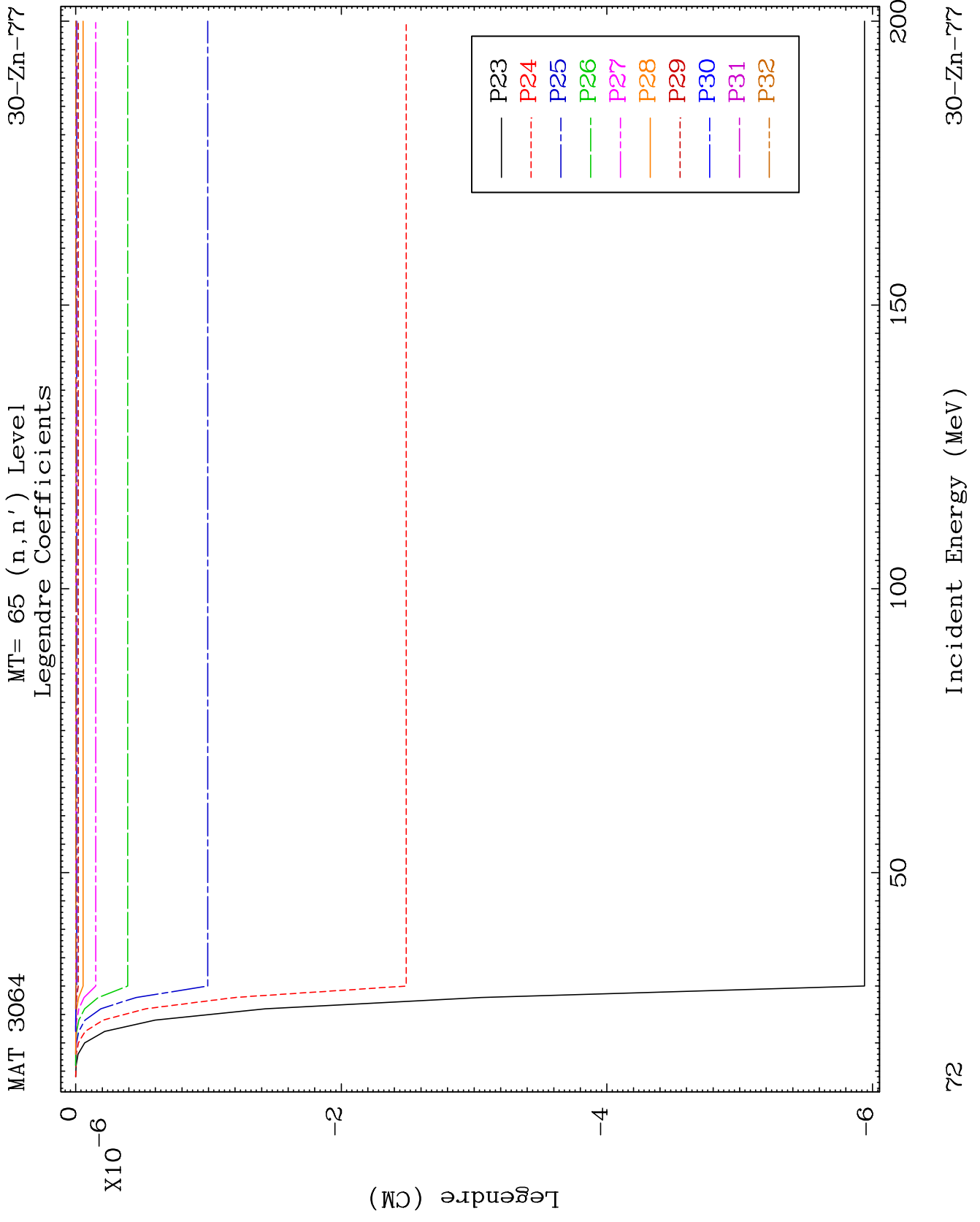


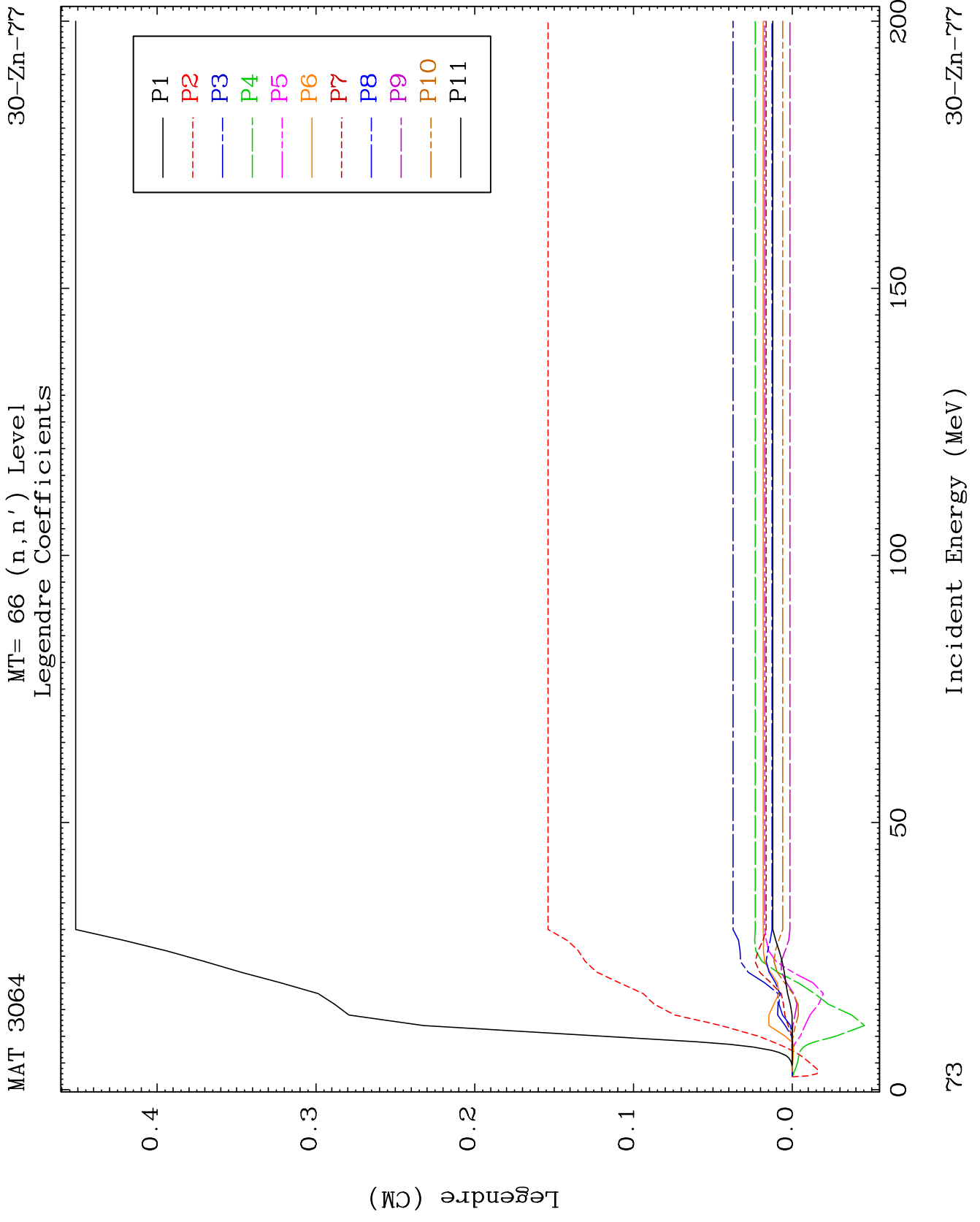
30-Zn-77

Incident Energy (MeV)

70



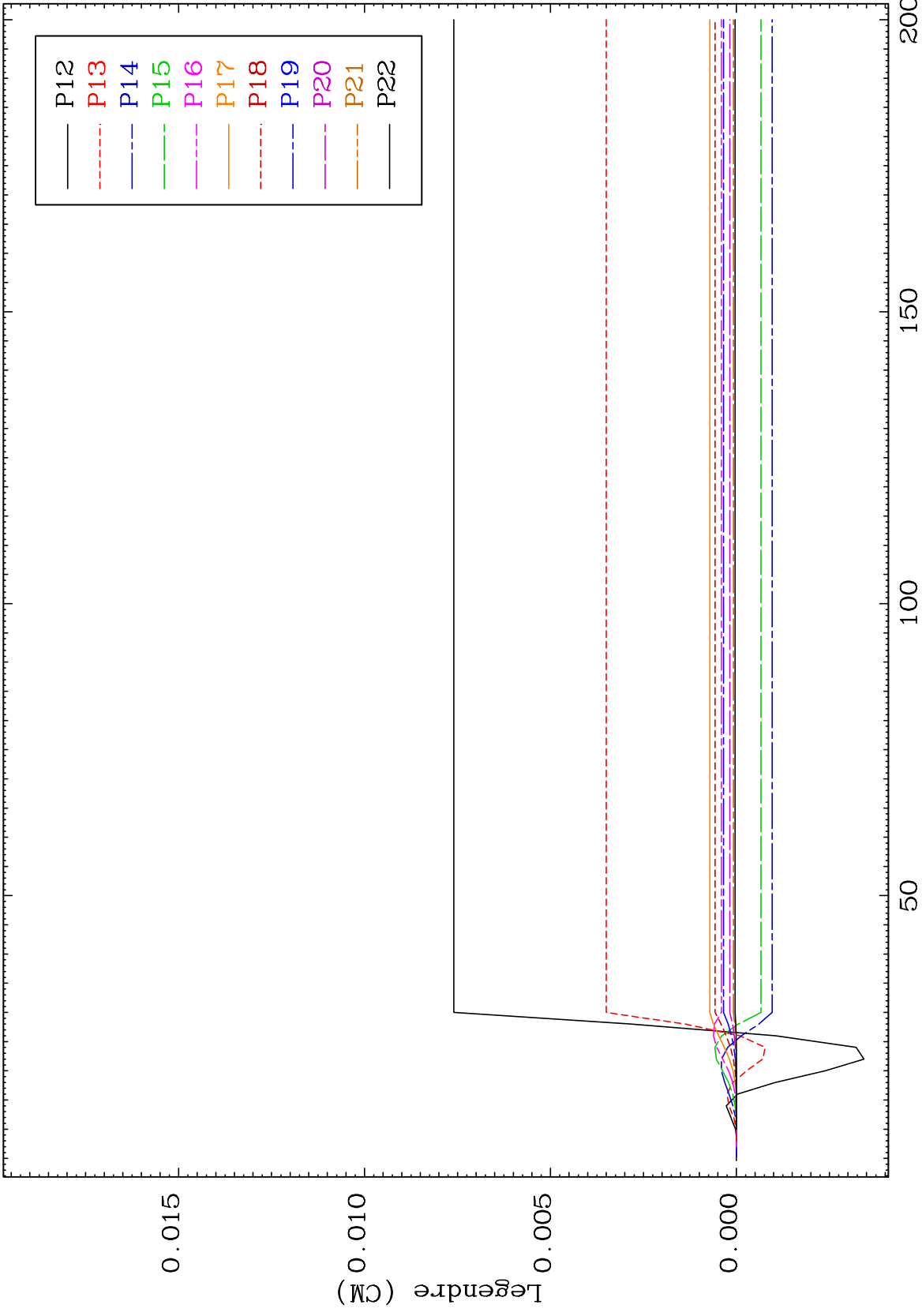




MAT 3064

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

30-Zn-77



74

Incident Energy (MeV)

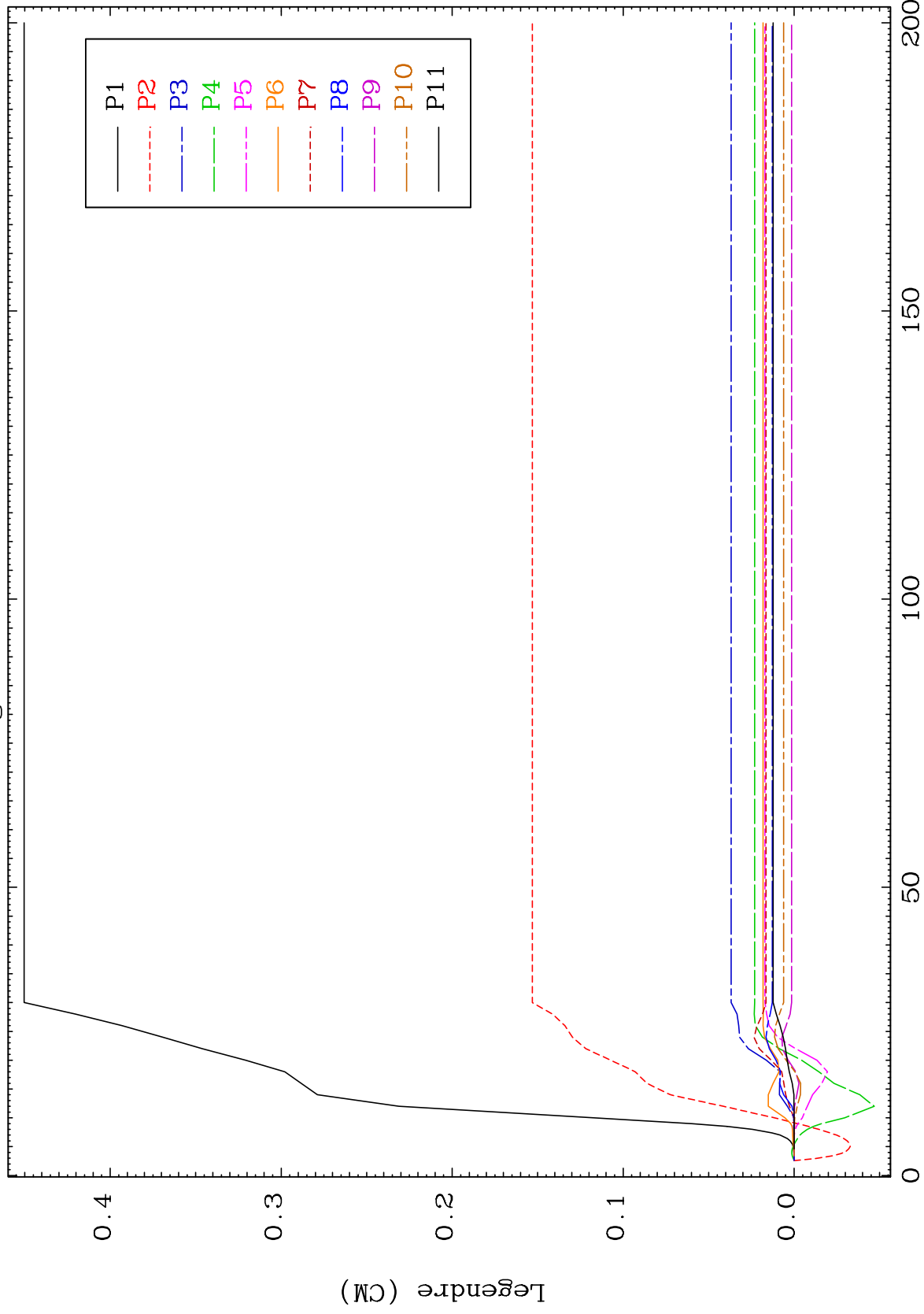
30-Zn-77



MAT 3064

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

30-Zn-77



76

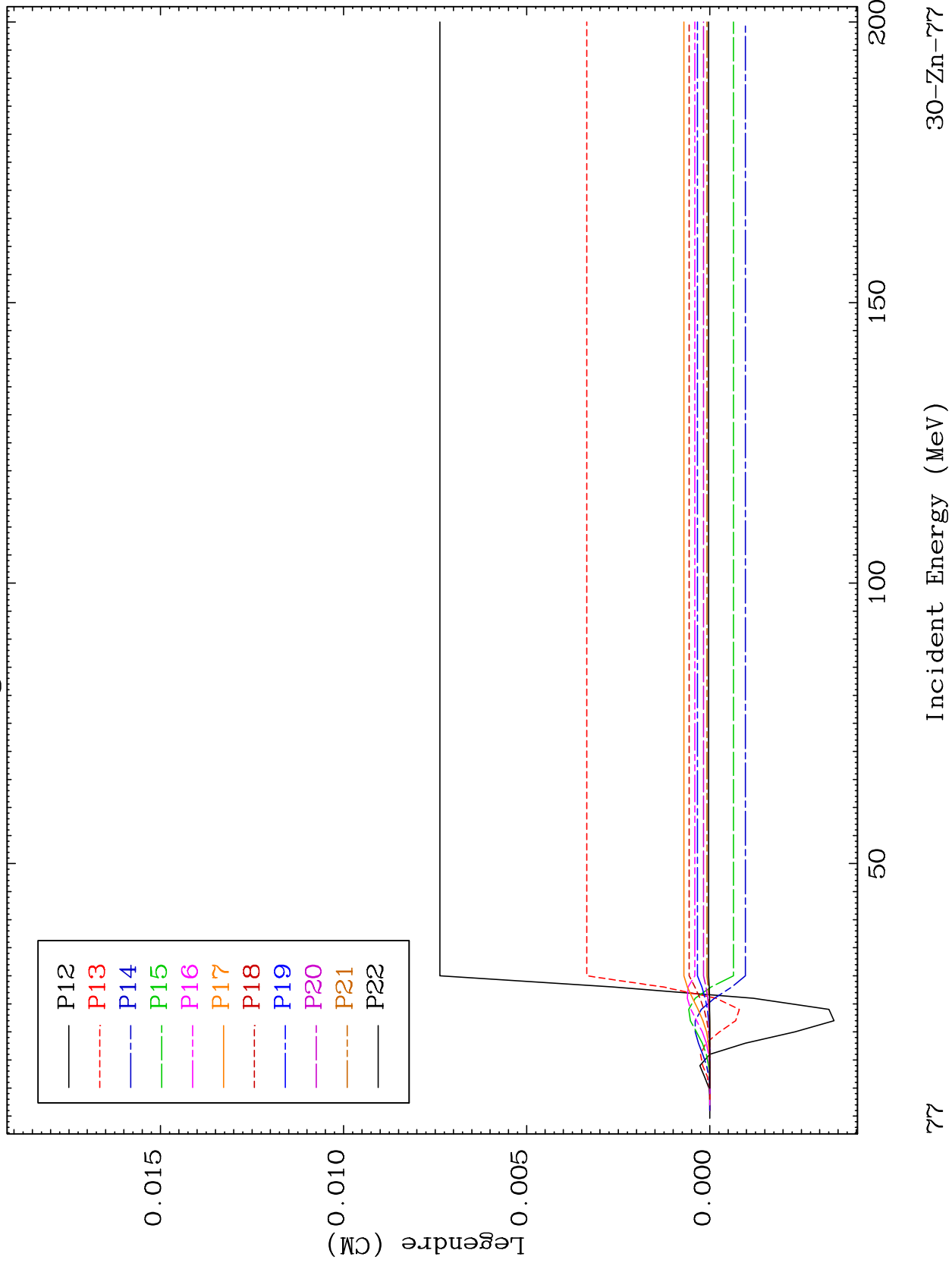
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

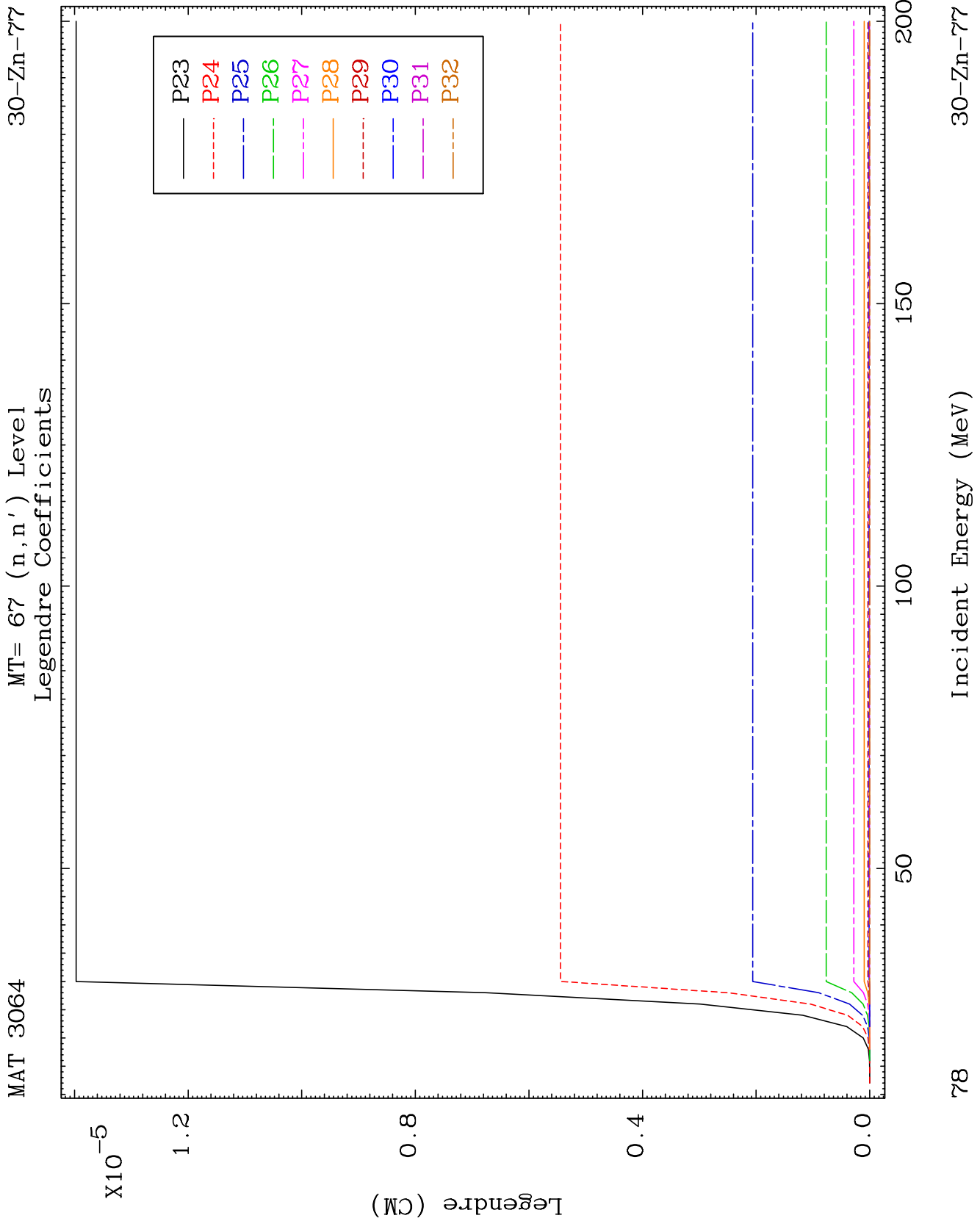
30-Zn-77



77

Incident Energy (MeV)

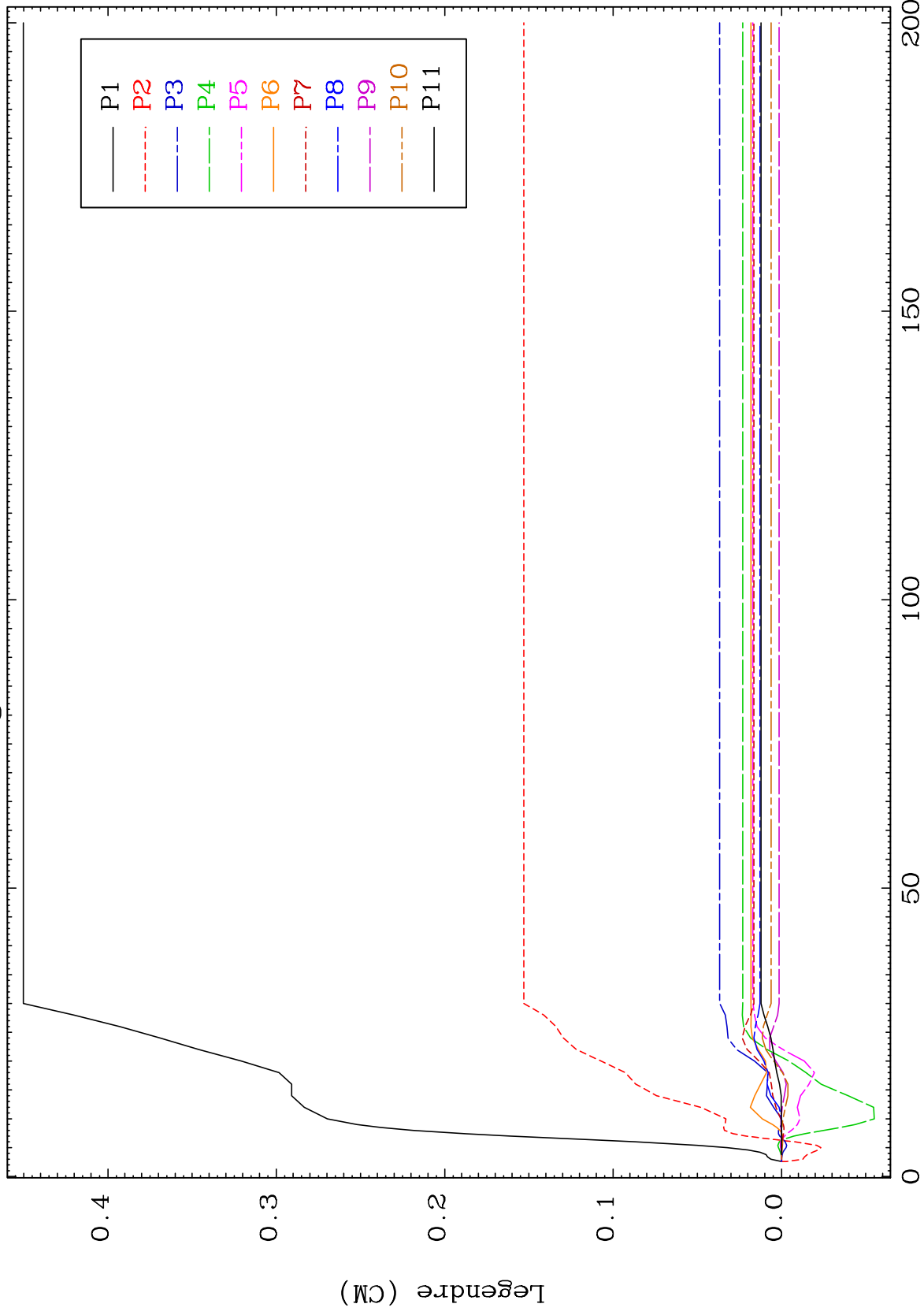
30-Zn-77



MAT 3064

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

30-Zn-77



79

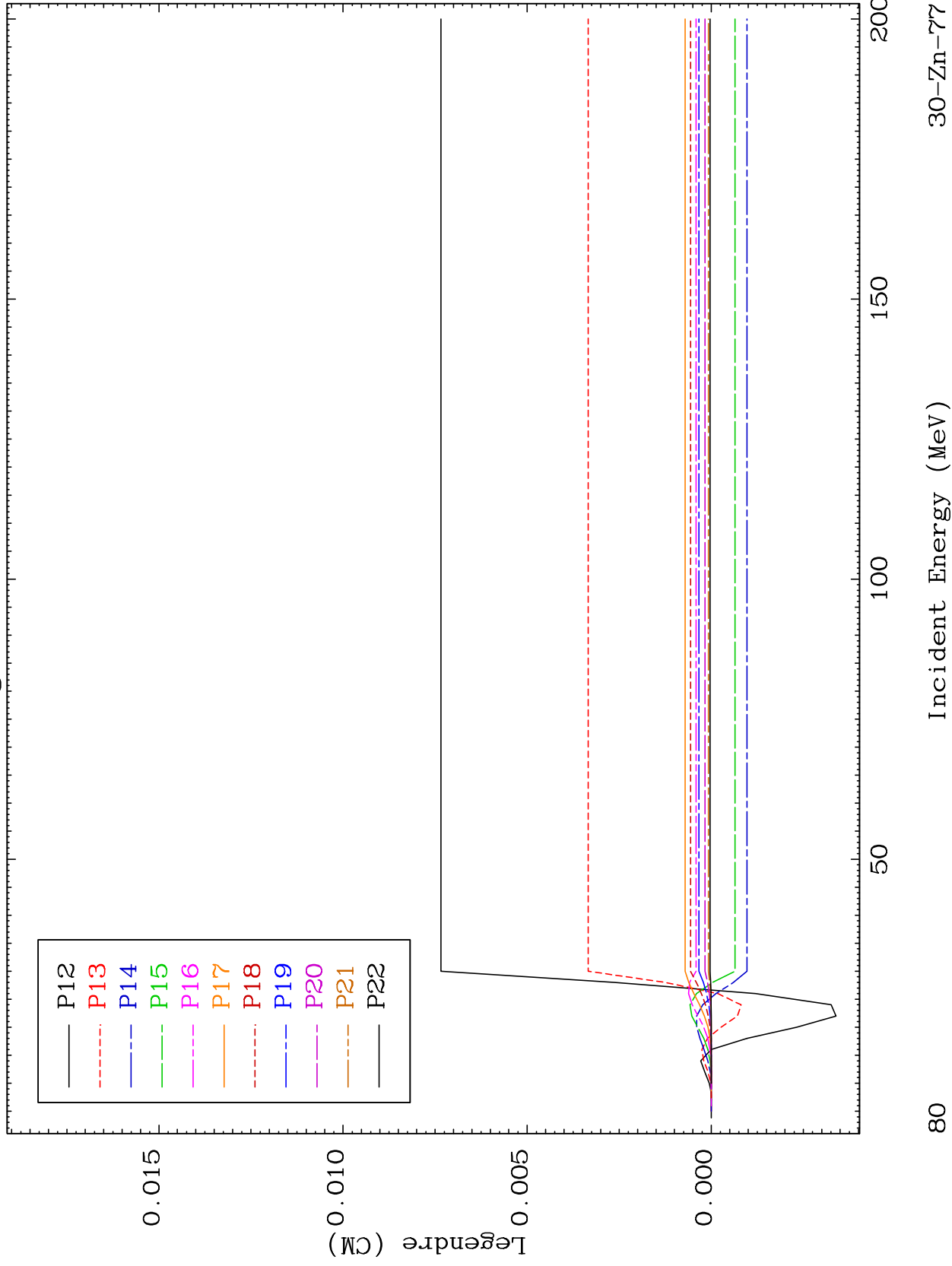
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



80

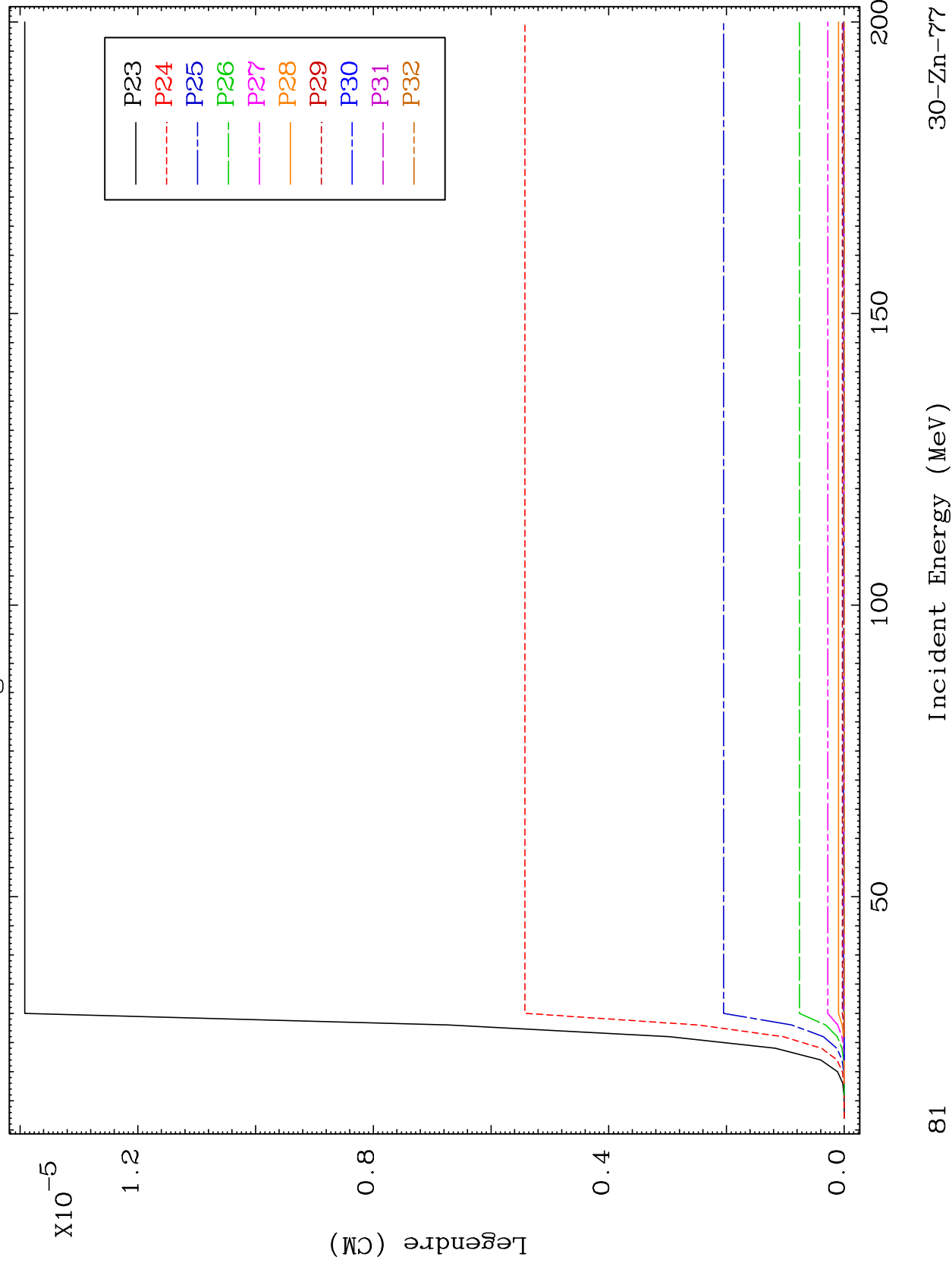
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



81

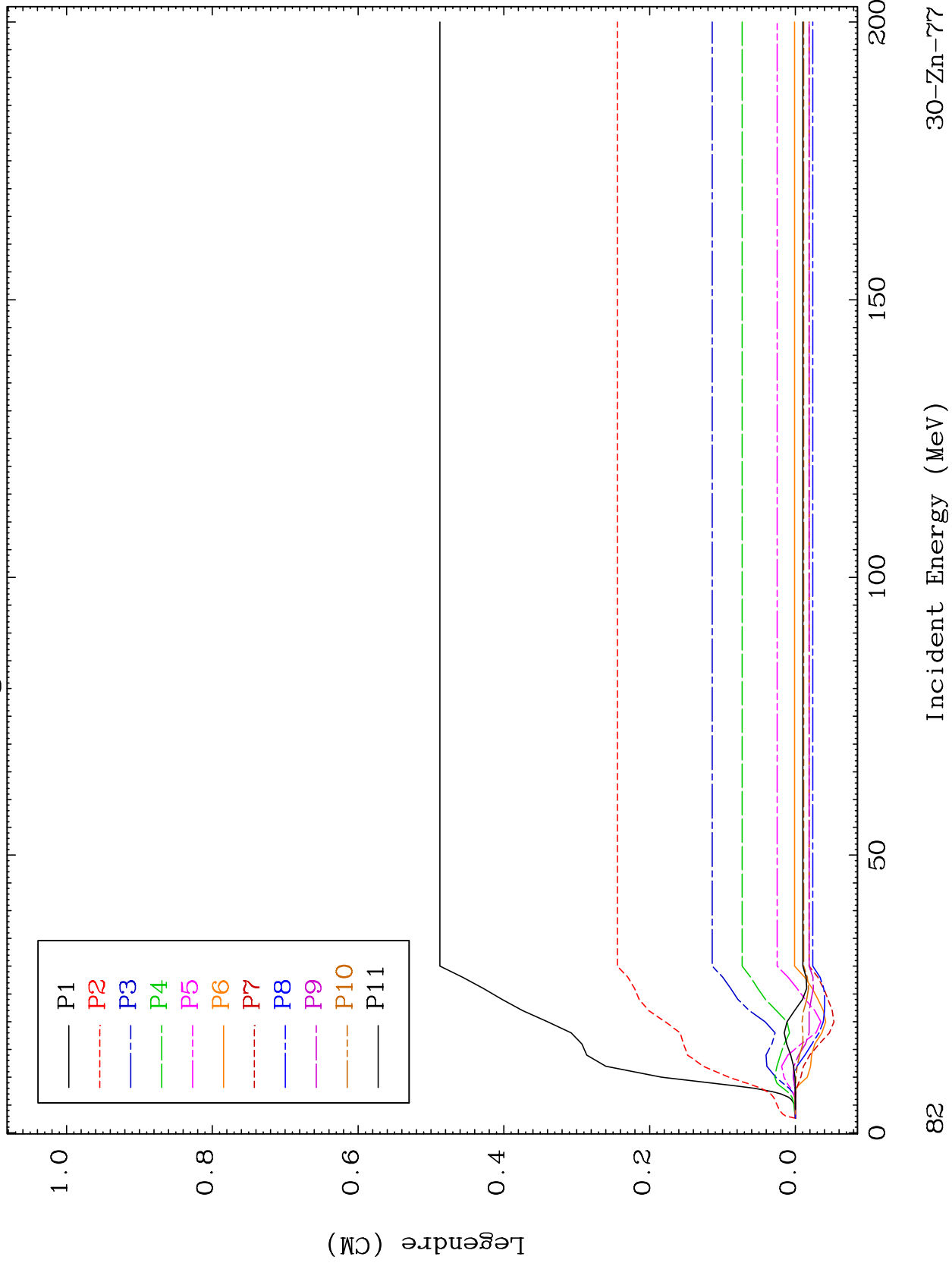
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

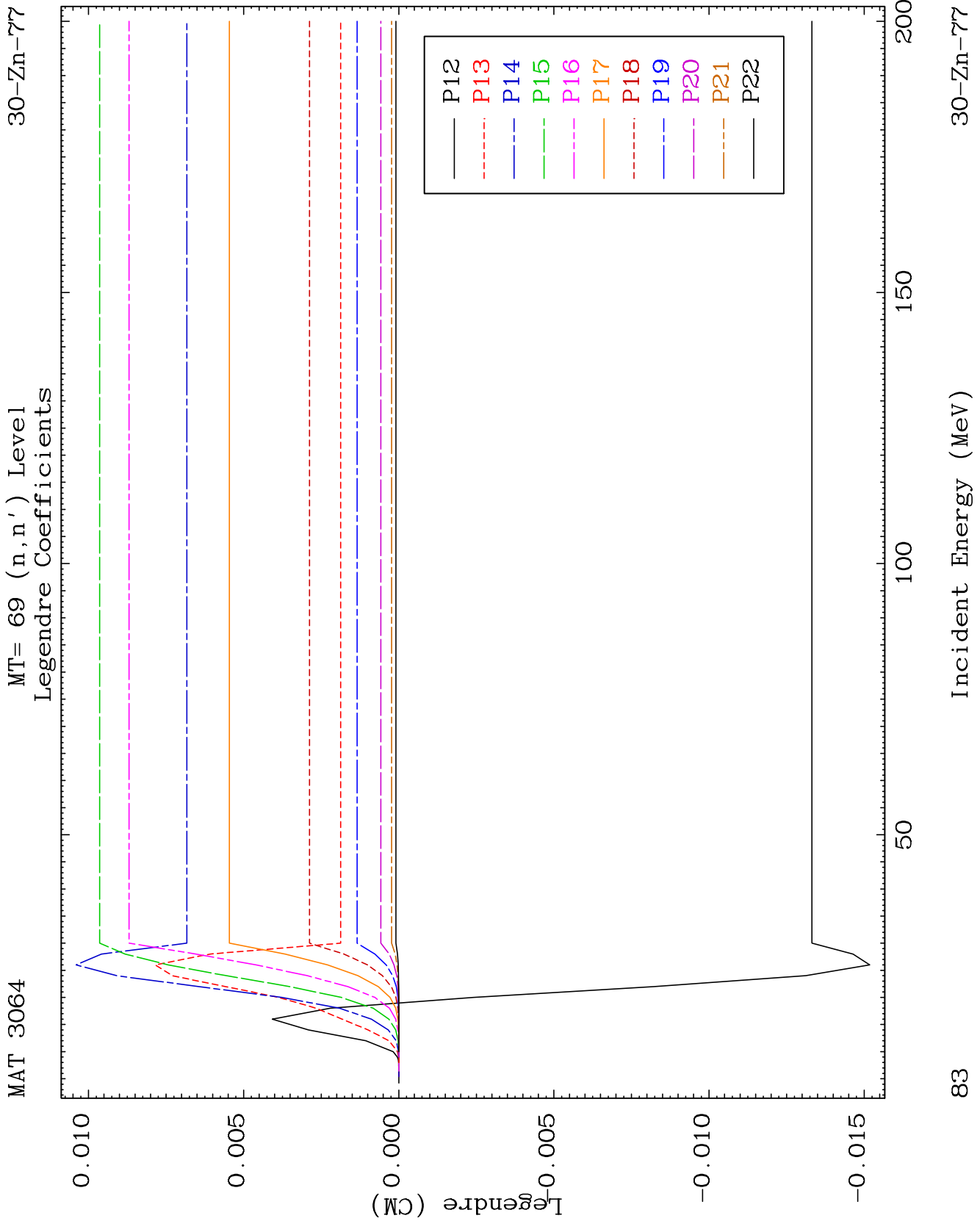
30-Zn-77



30-Zn-77

Incident Energy (MeV)

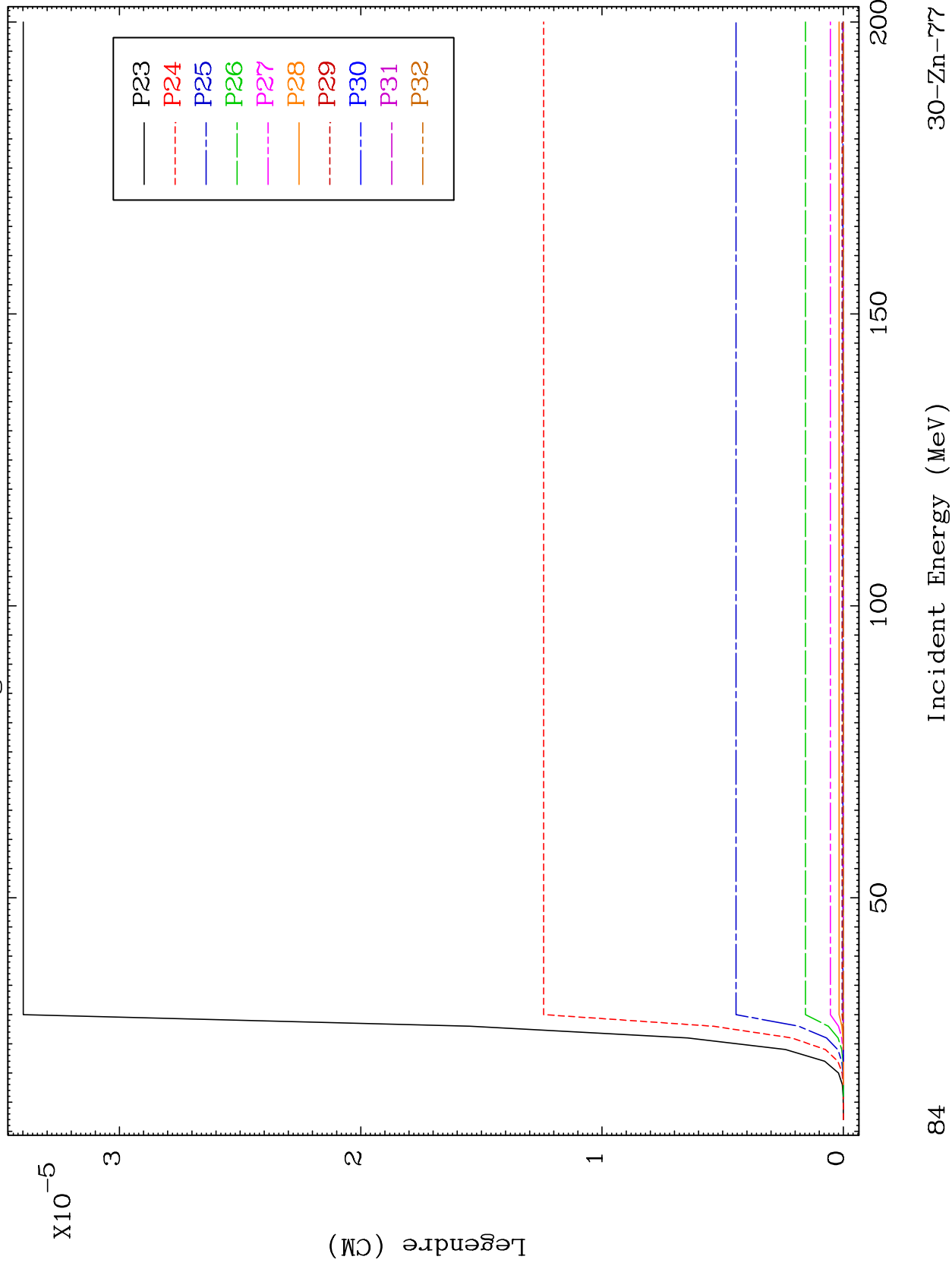
82



MAT 3064

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

30-Zn-77



84

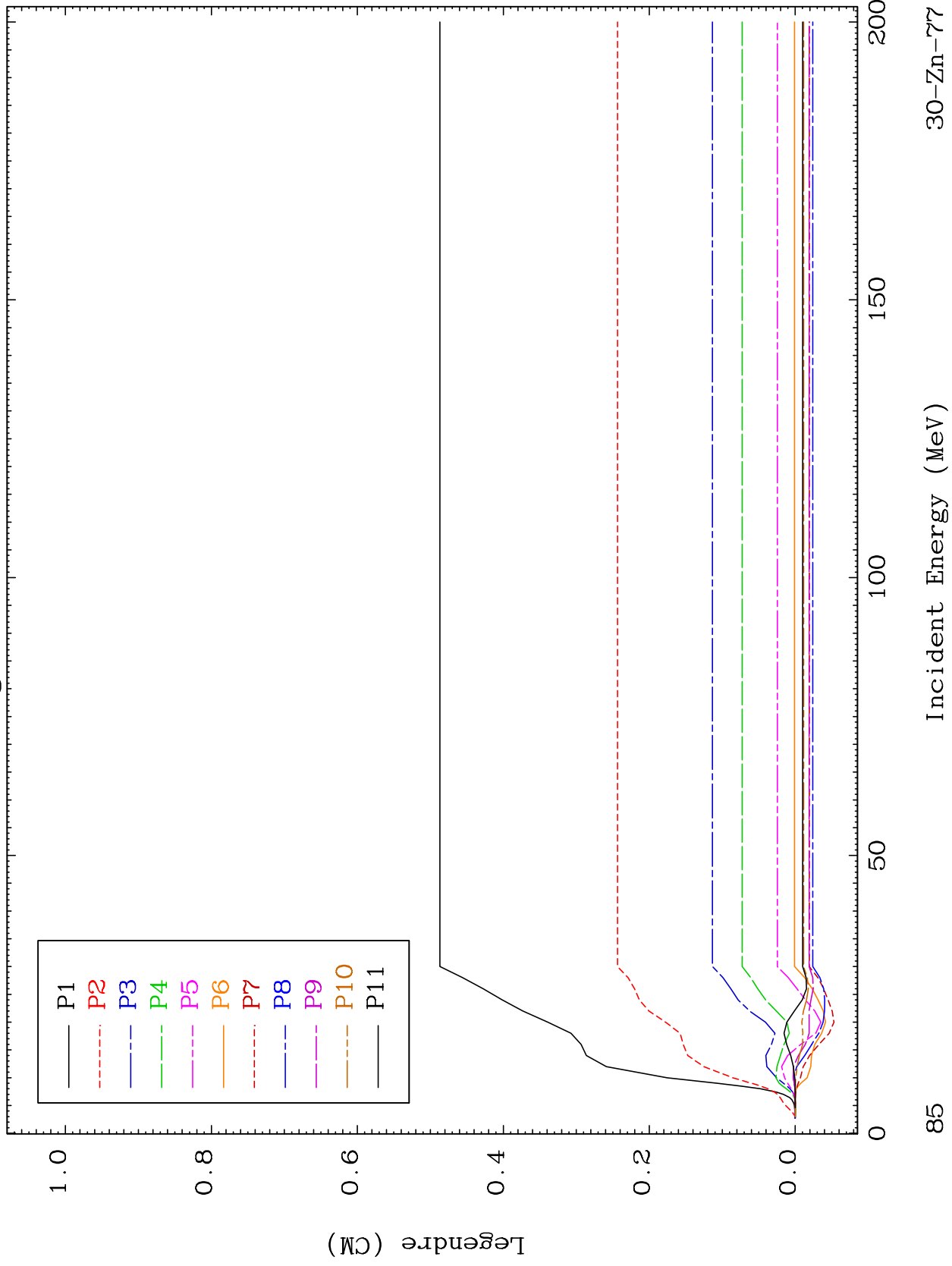
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

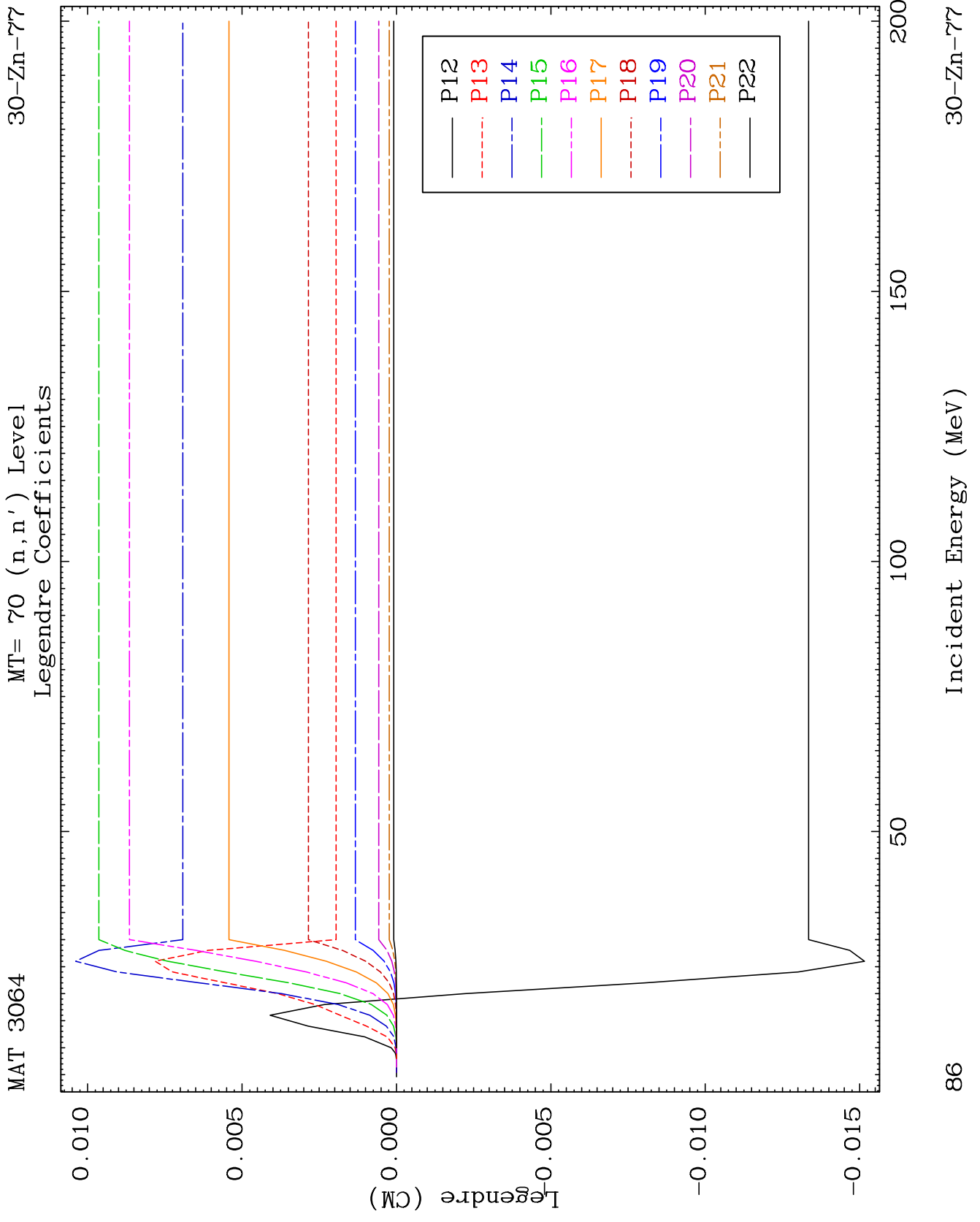
30-Zn-77



85

Incident Energy (MeV)

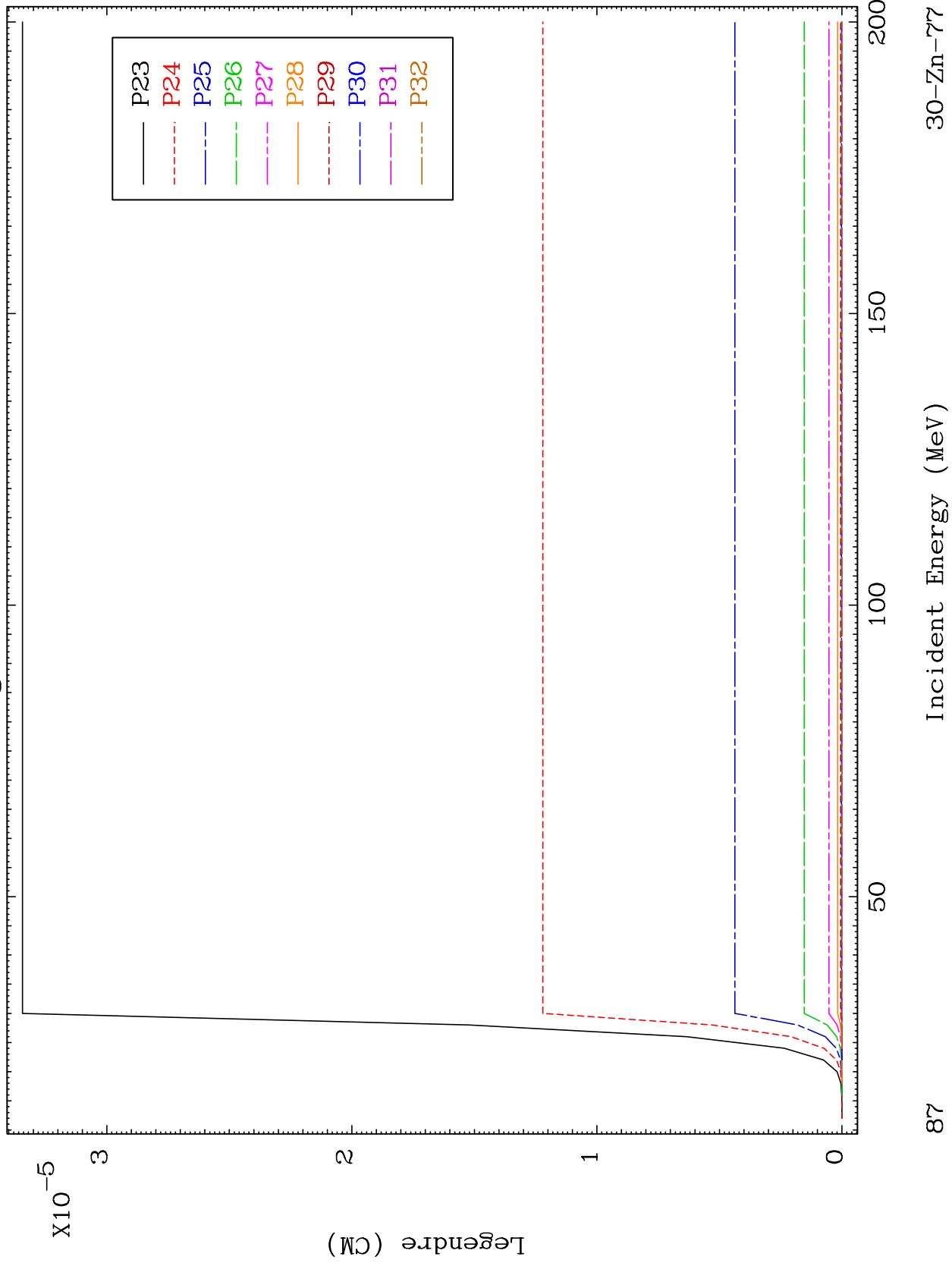
30-Zn-77



MAT 3064

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

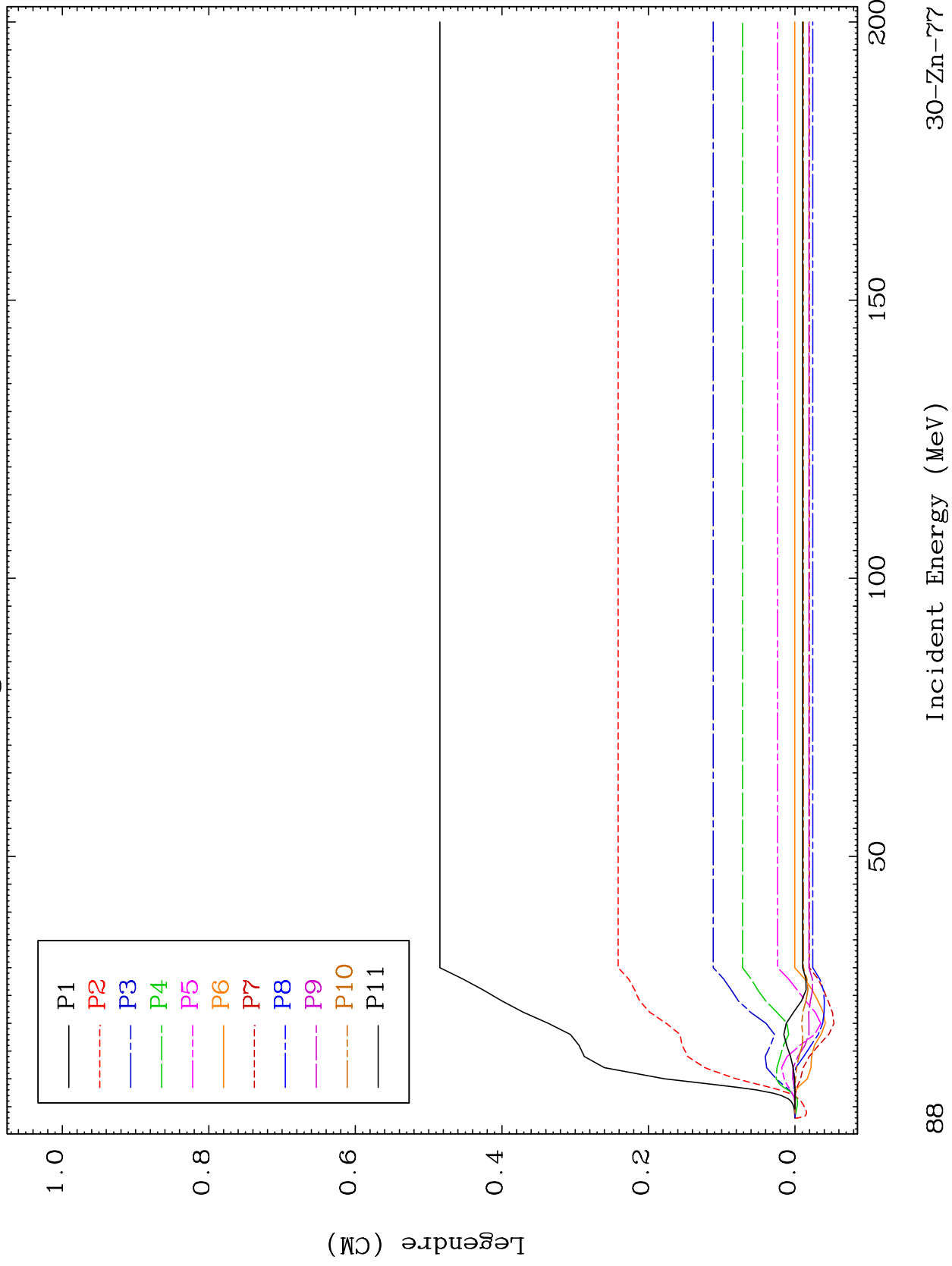
30-Zn-77



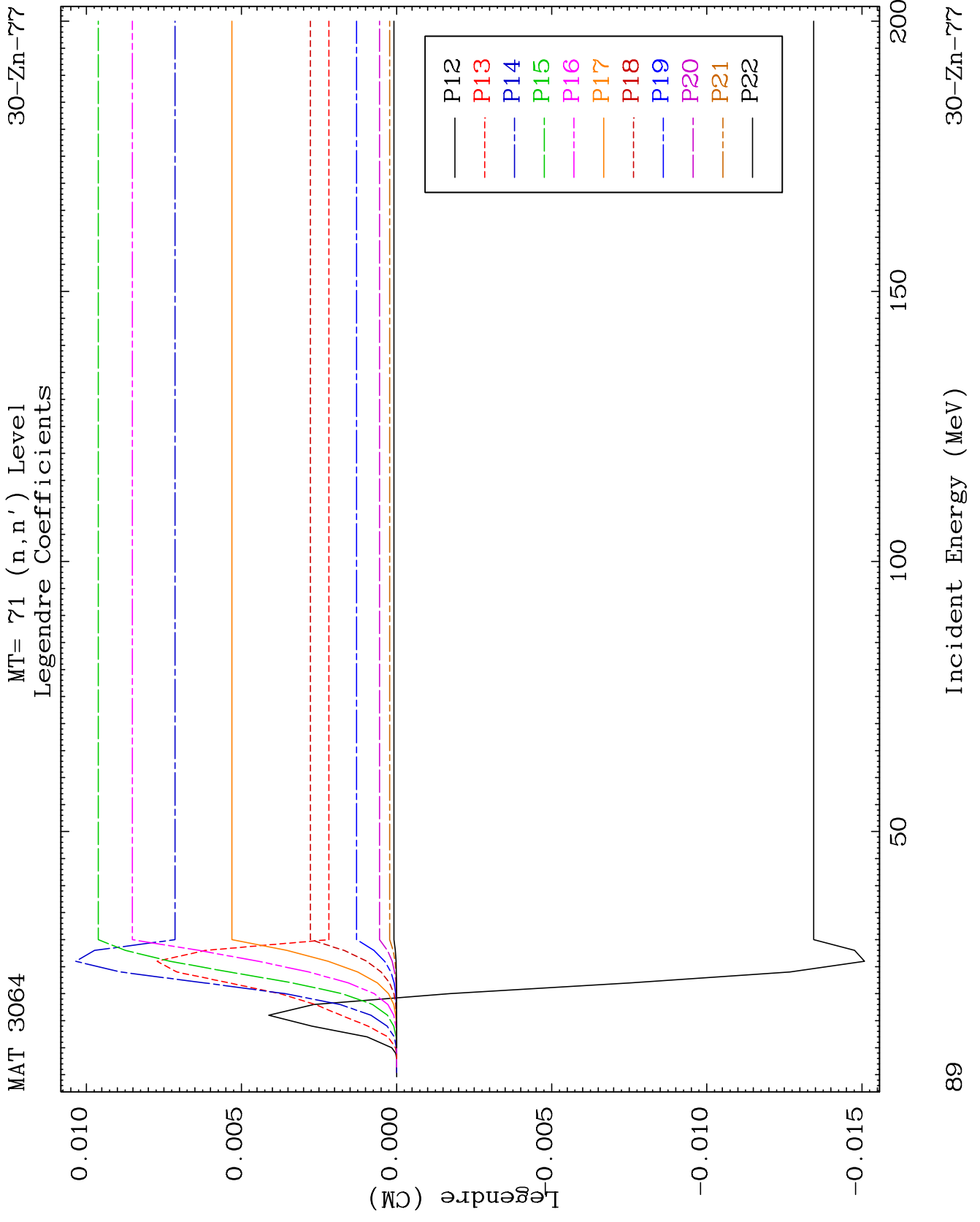
MAT 3064

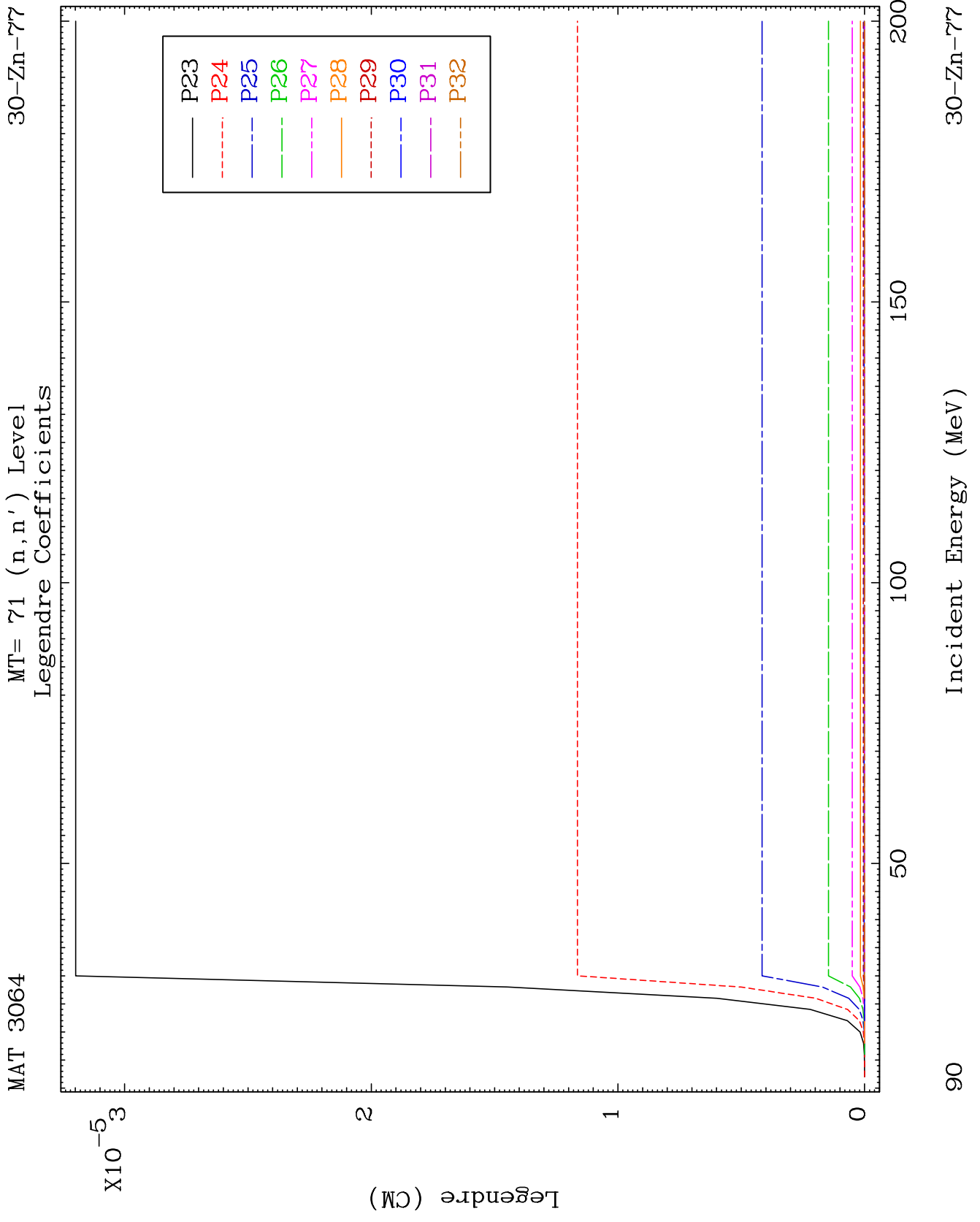
MT= 71 (n,n') Level  
Legendre Coefficients

30-Zn-77



88

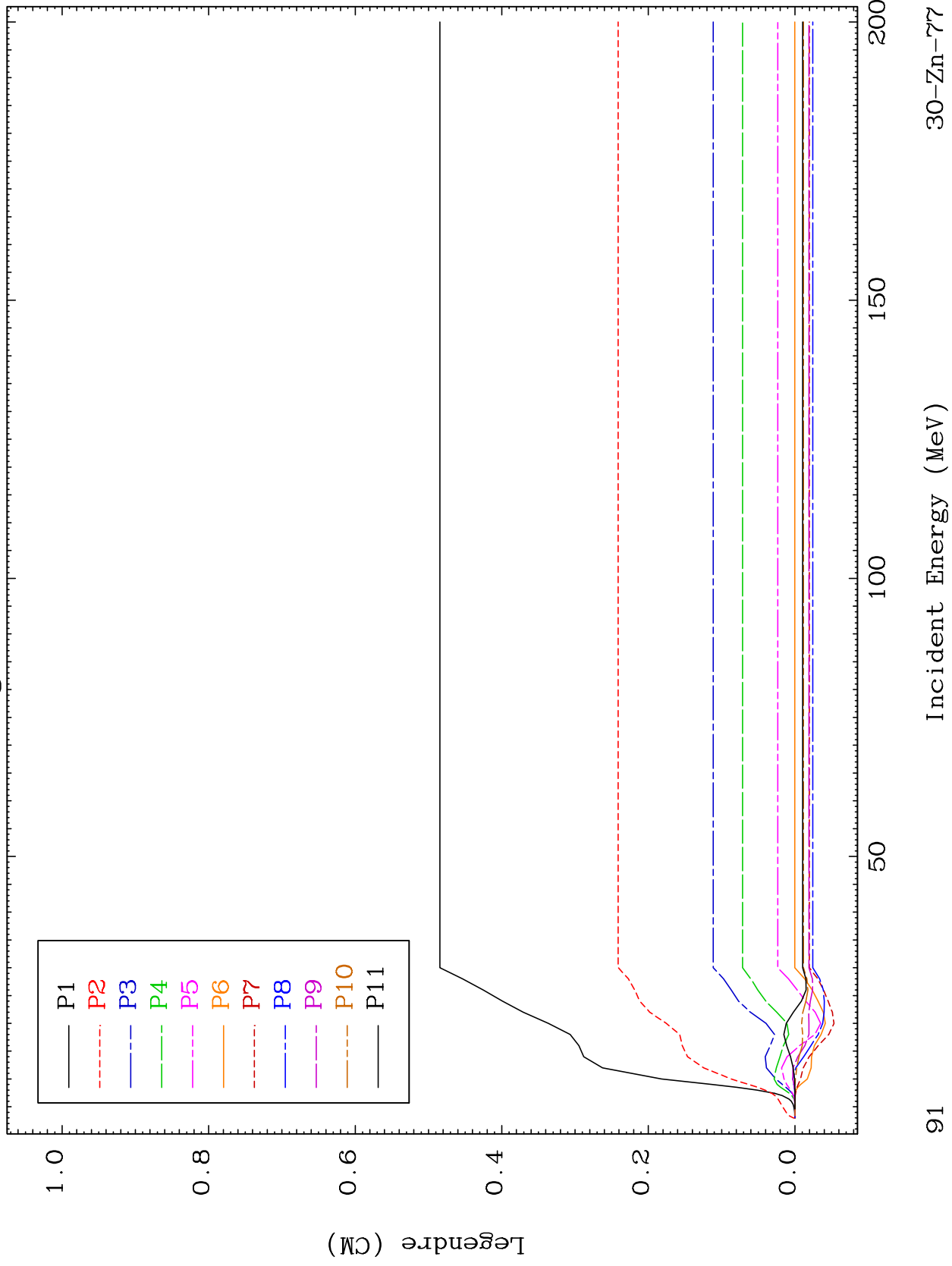


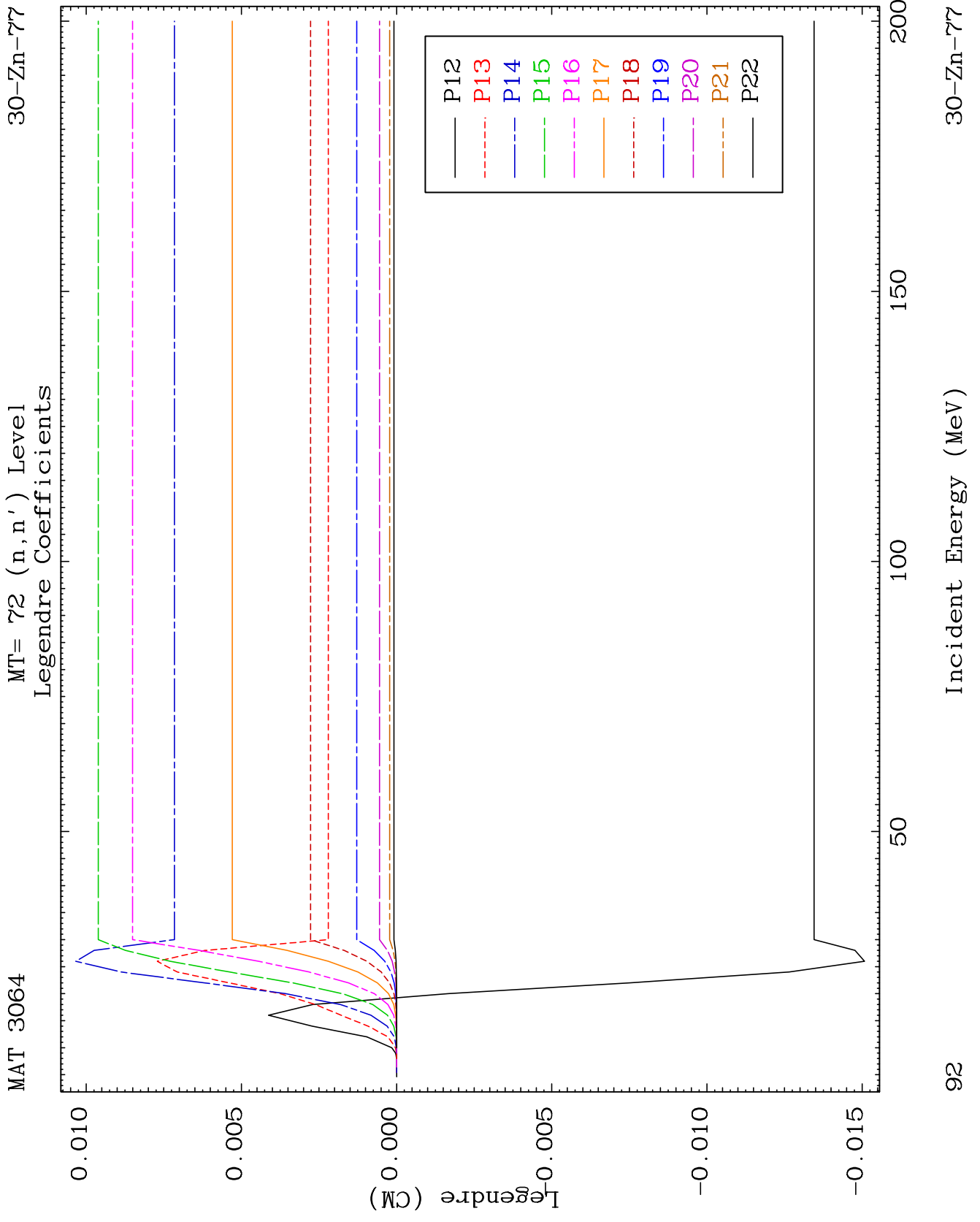


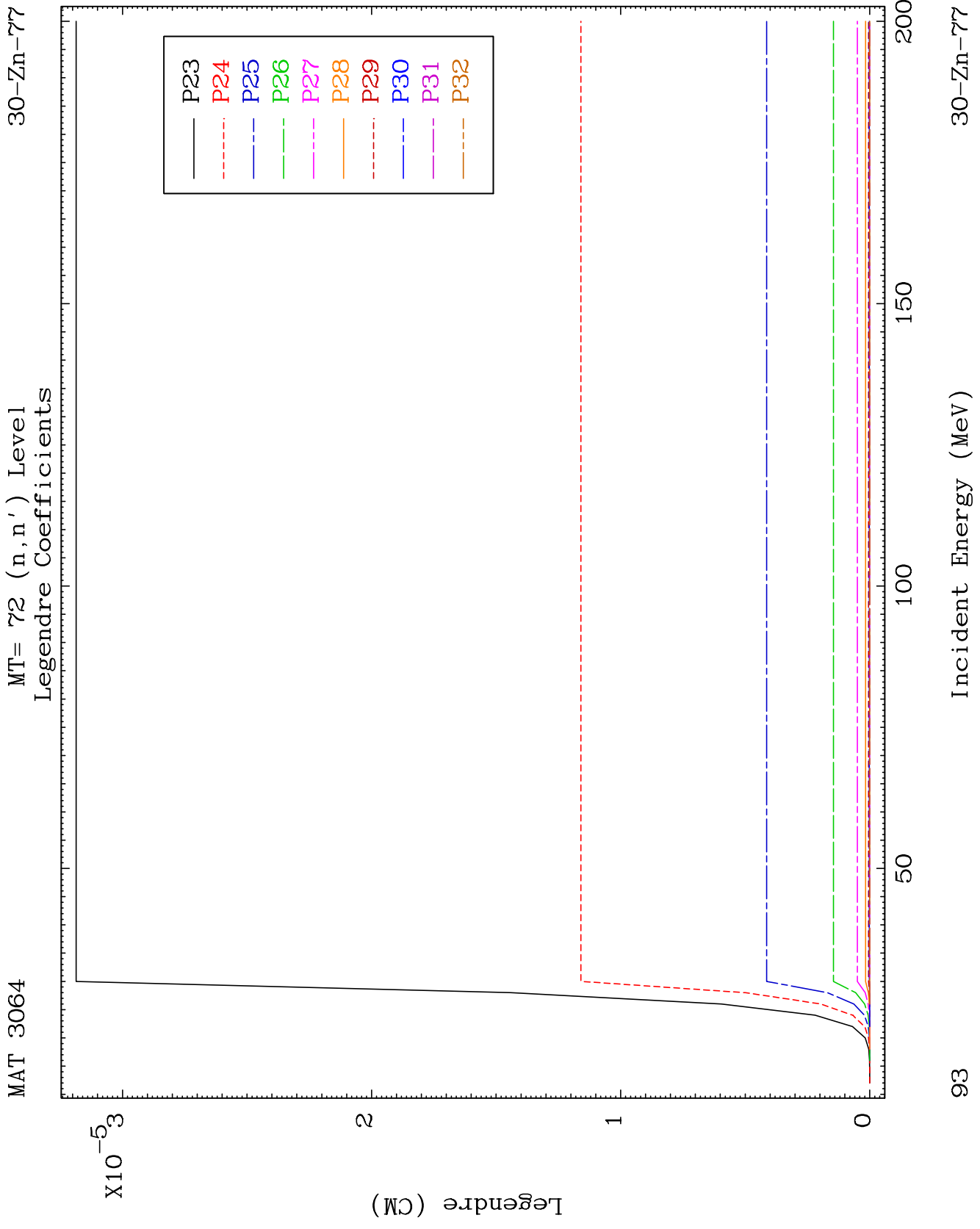
MAT 3064

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

30-Zn-77



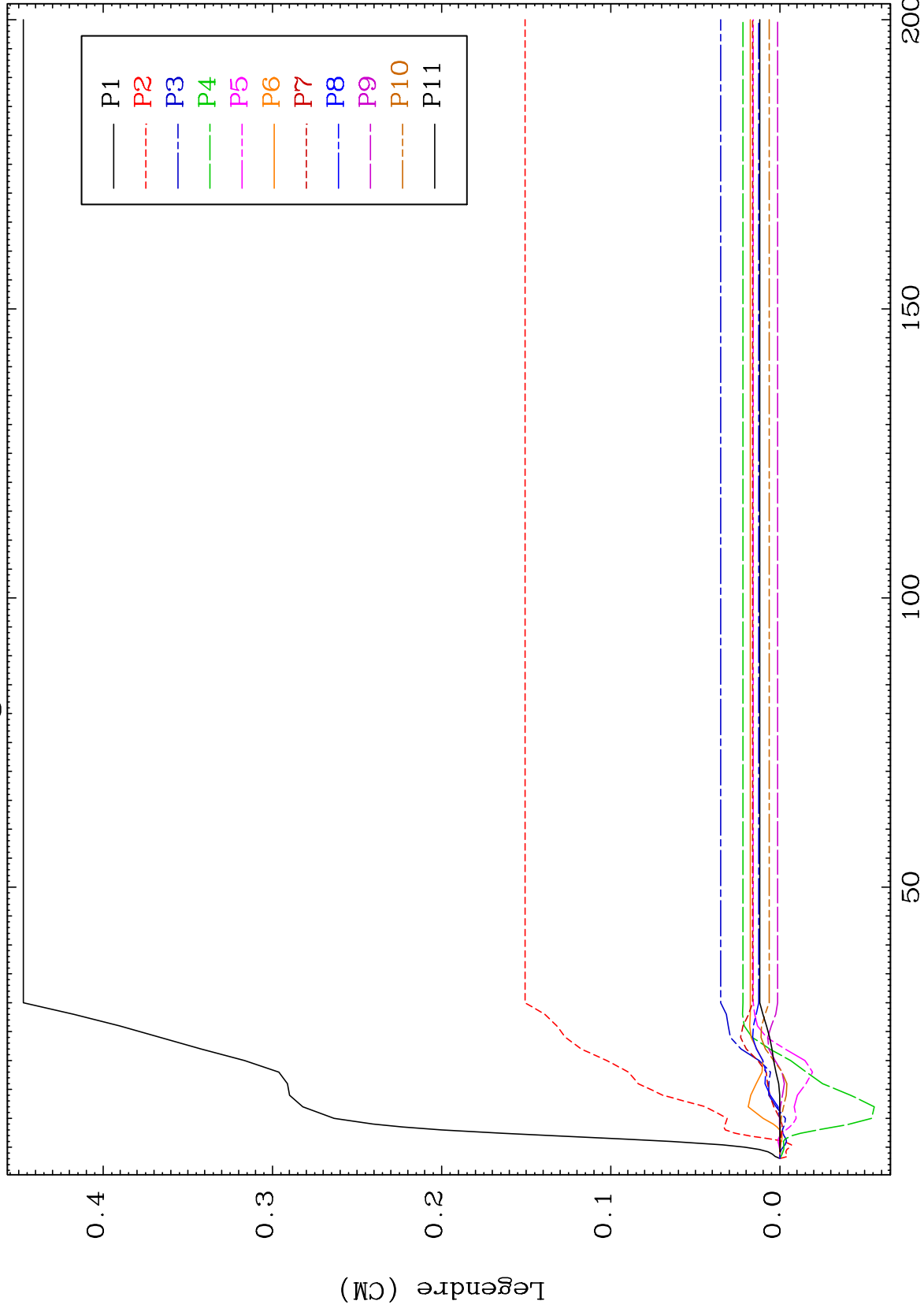




MAT 3064

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

30-Zn-77



94

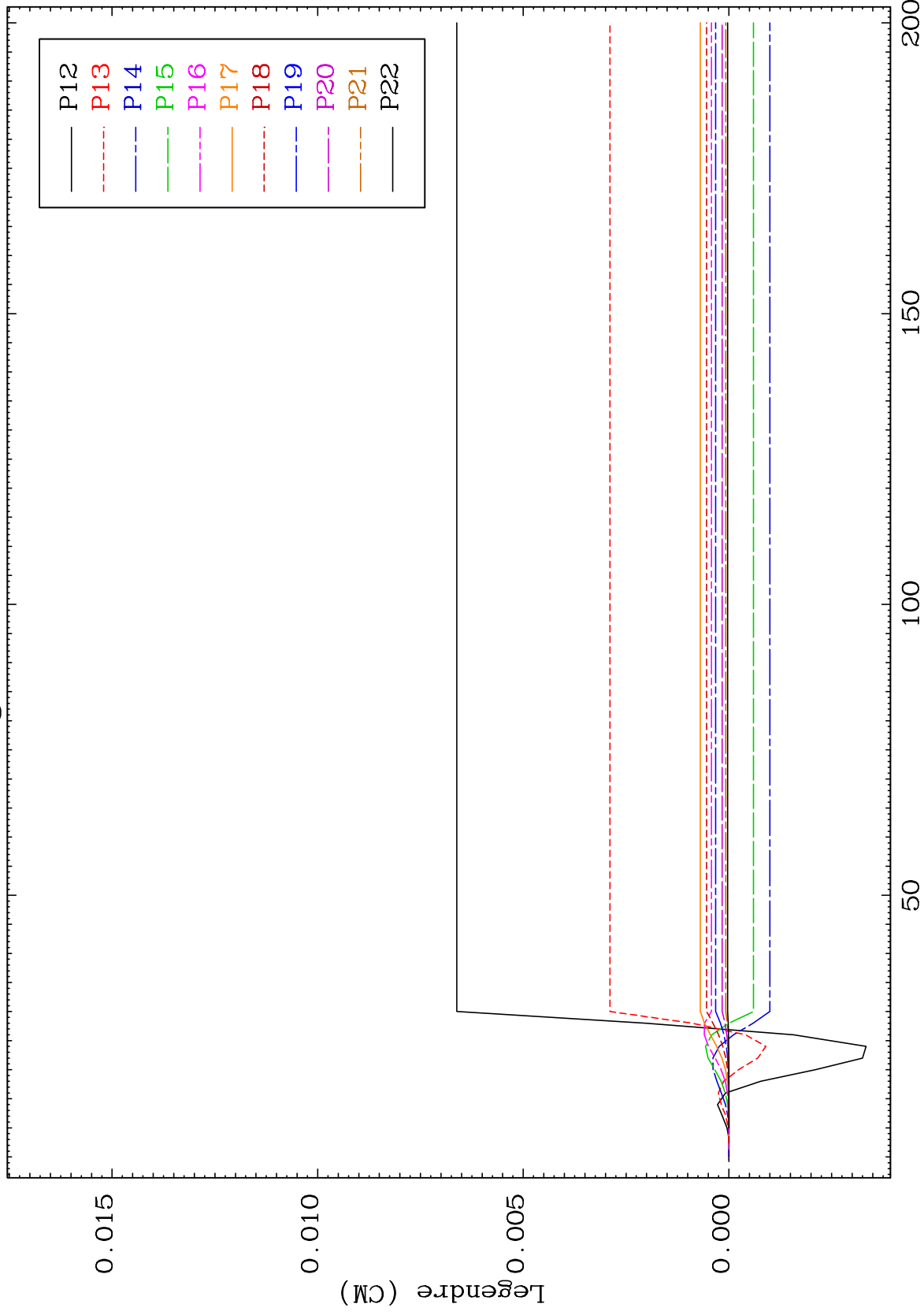
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77



95

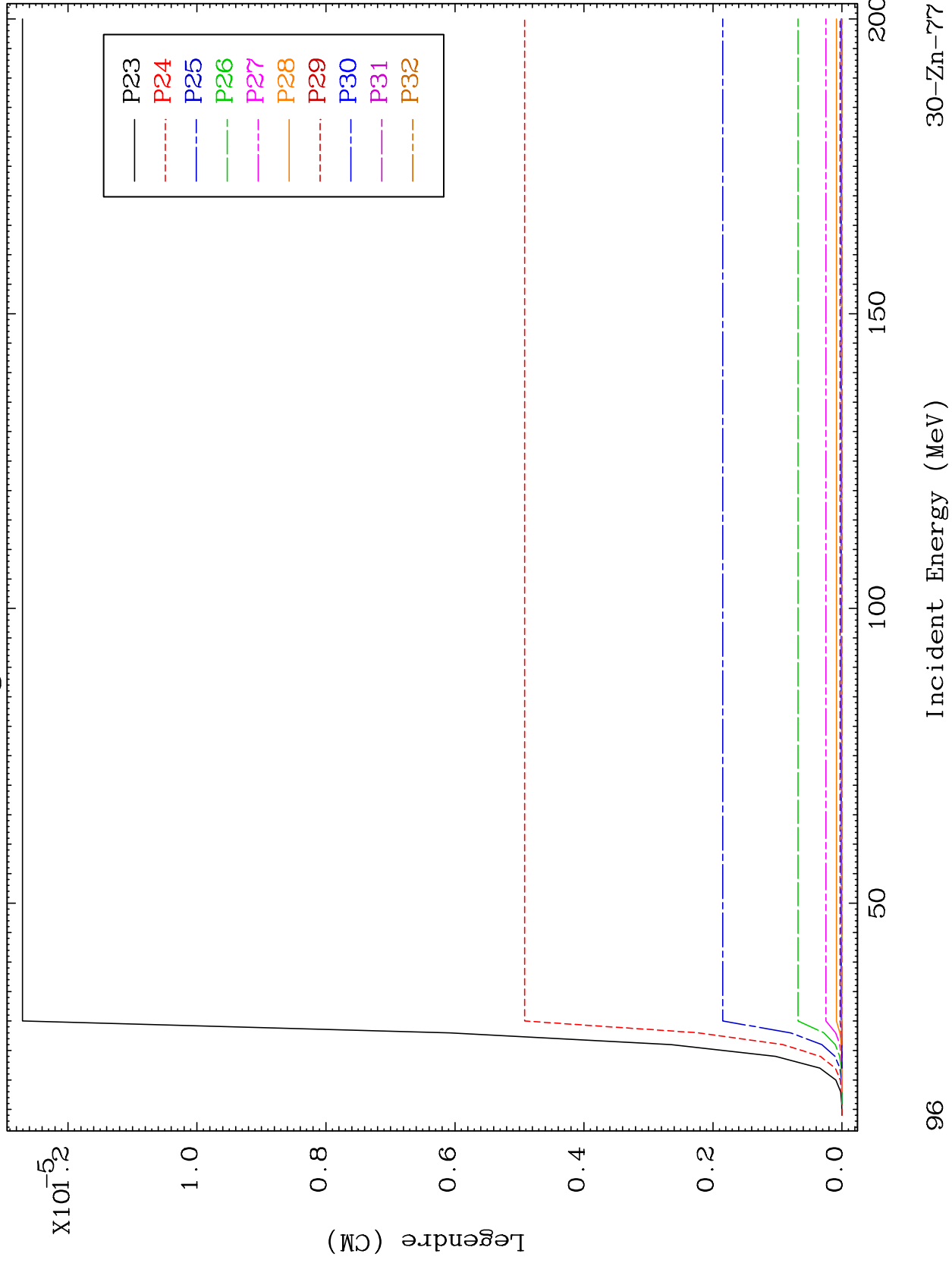
Incident Energy (MeV)

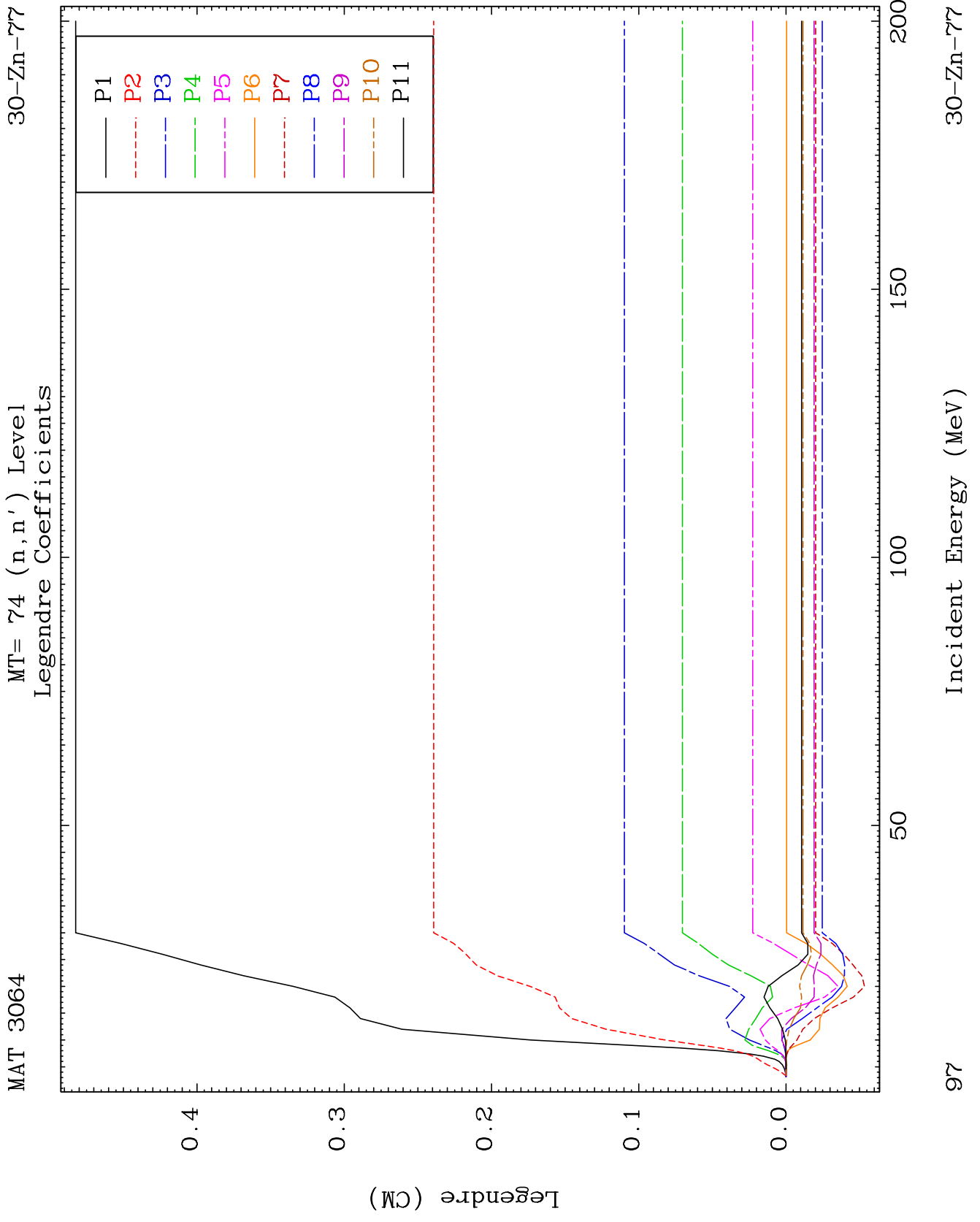
30-Zn-77

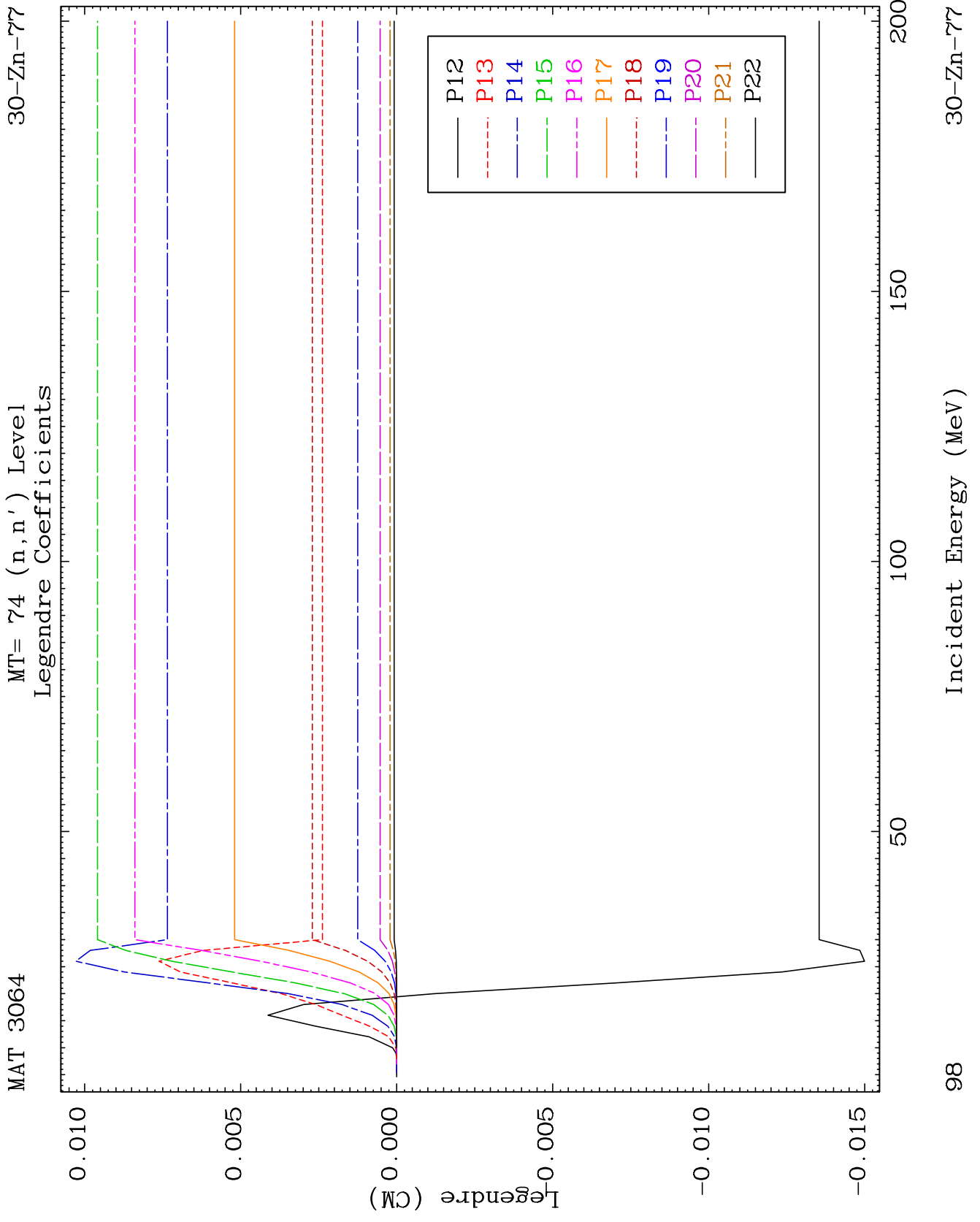
MAT 3064

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

30-Zn-77



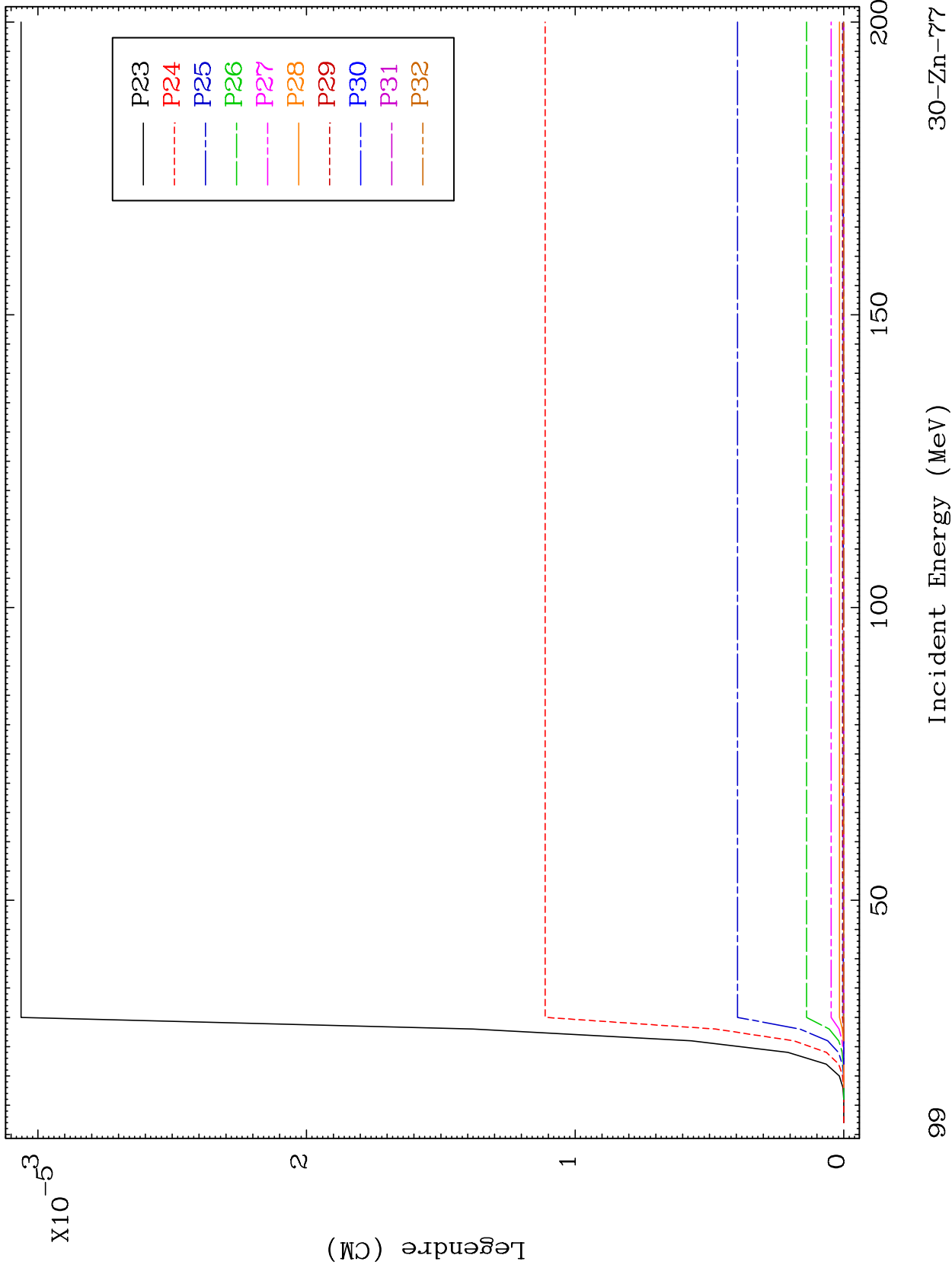


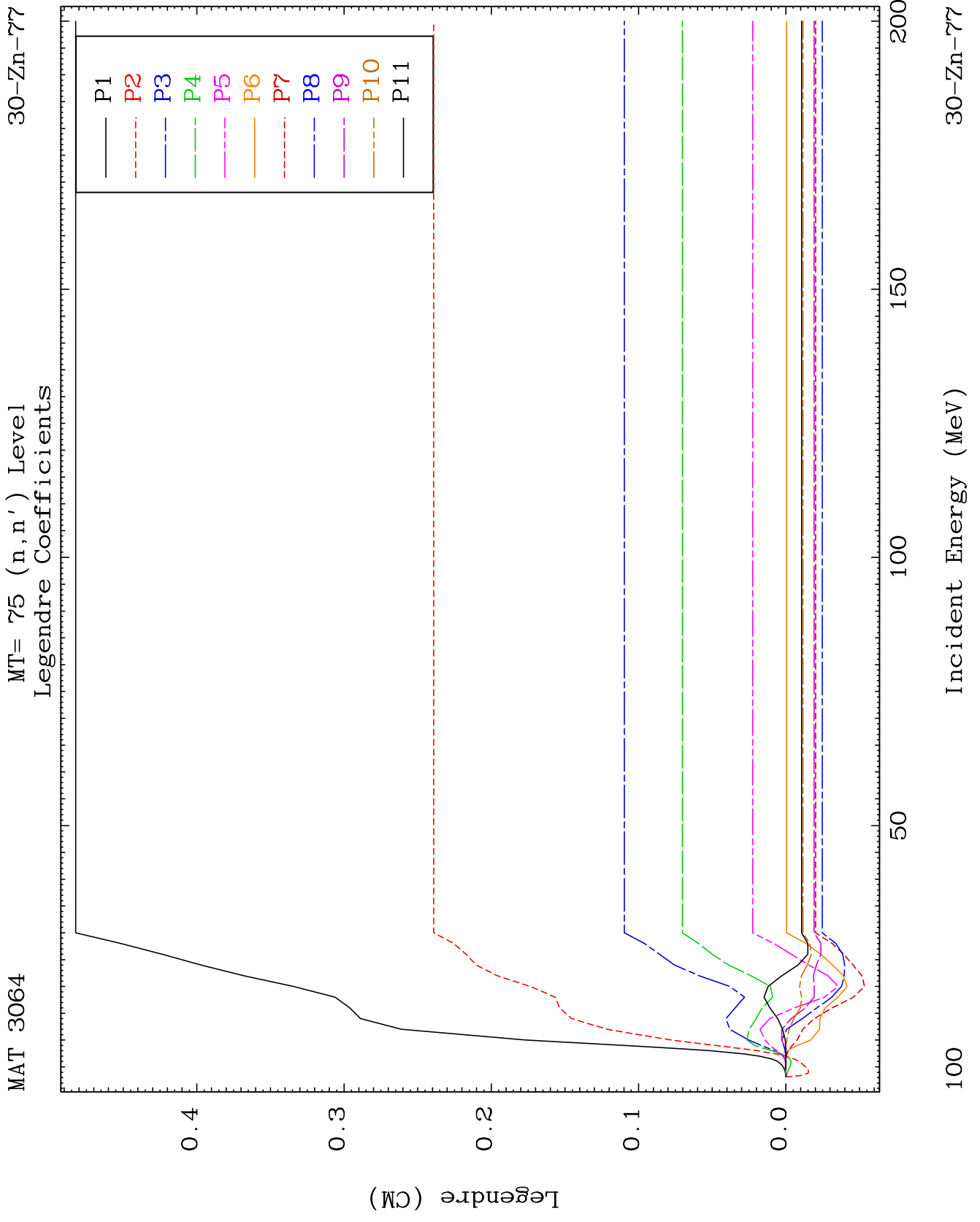


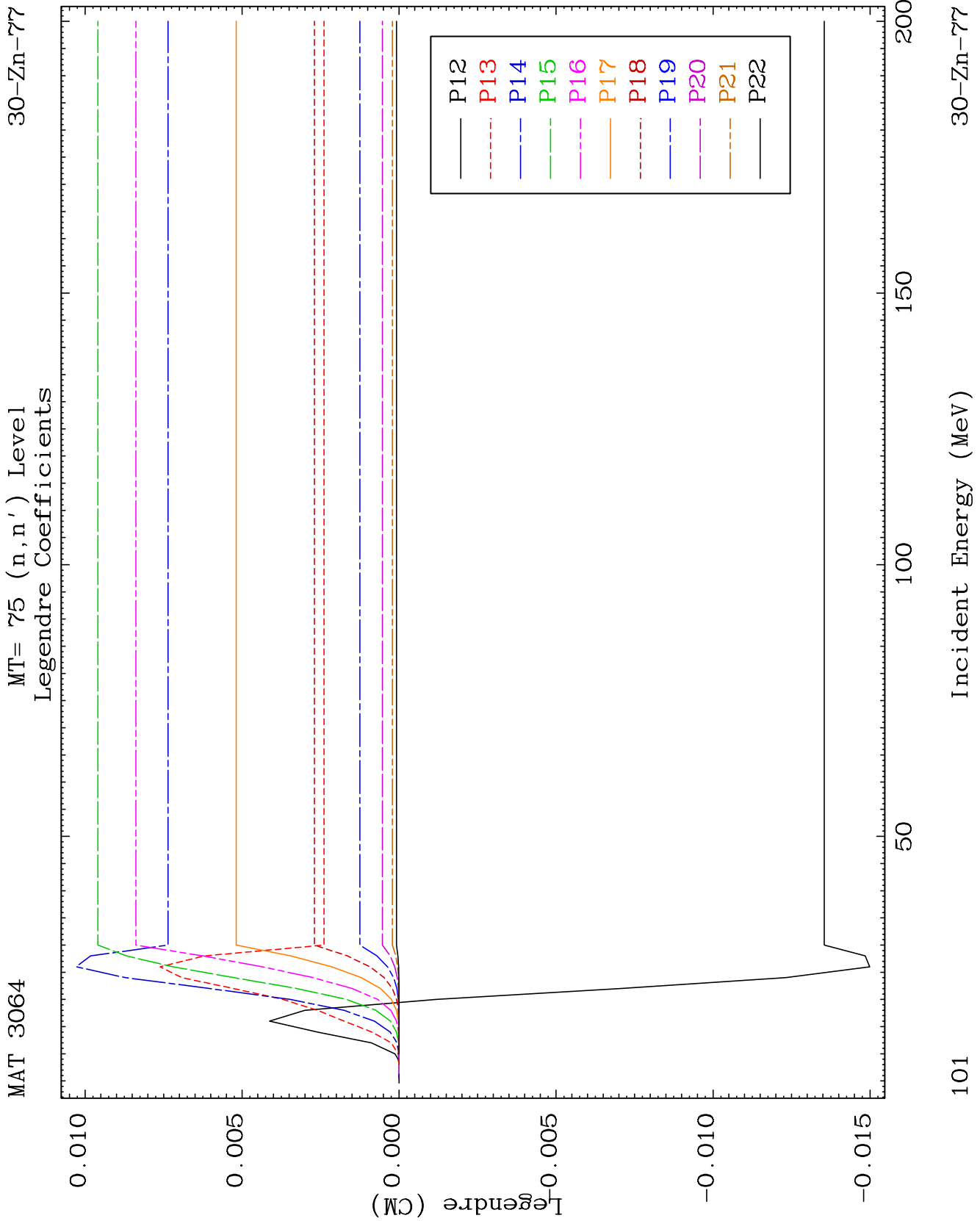
MAT 3064

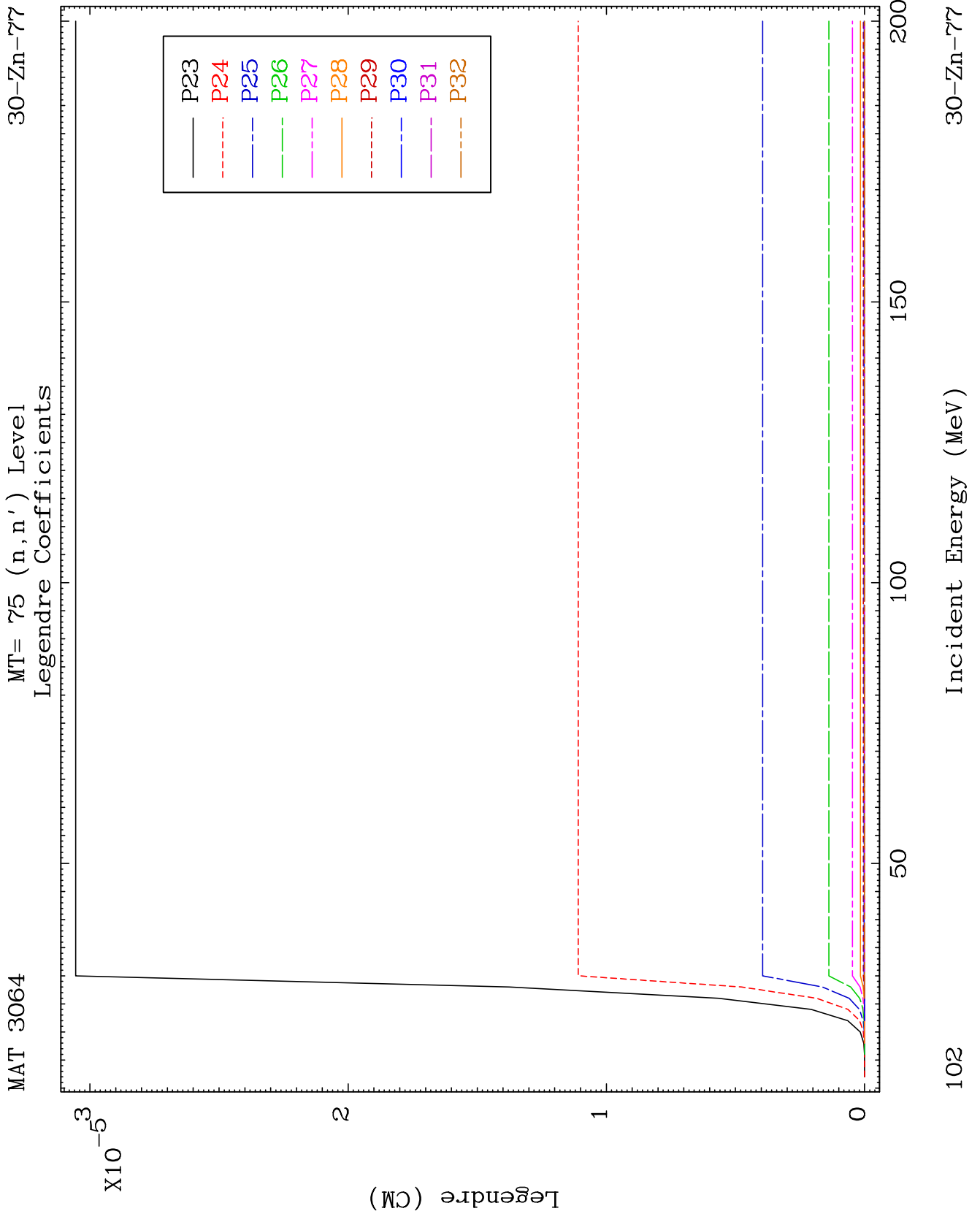
MT= 74 (n,n') Level  
Legendre Coefficients

30-Zn-77





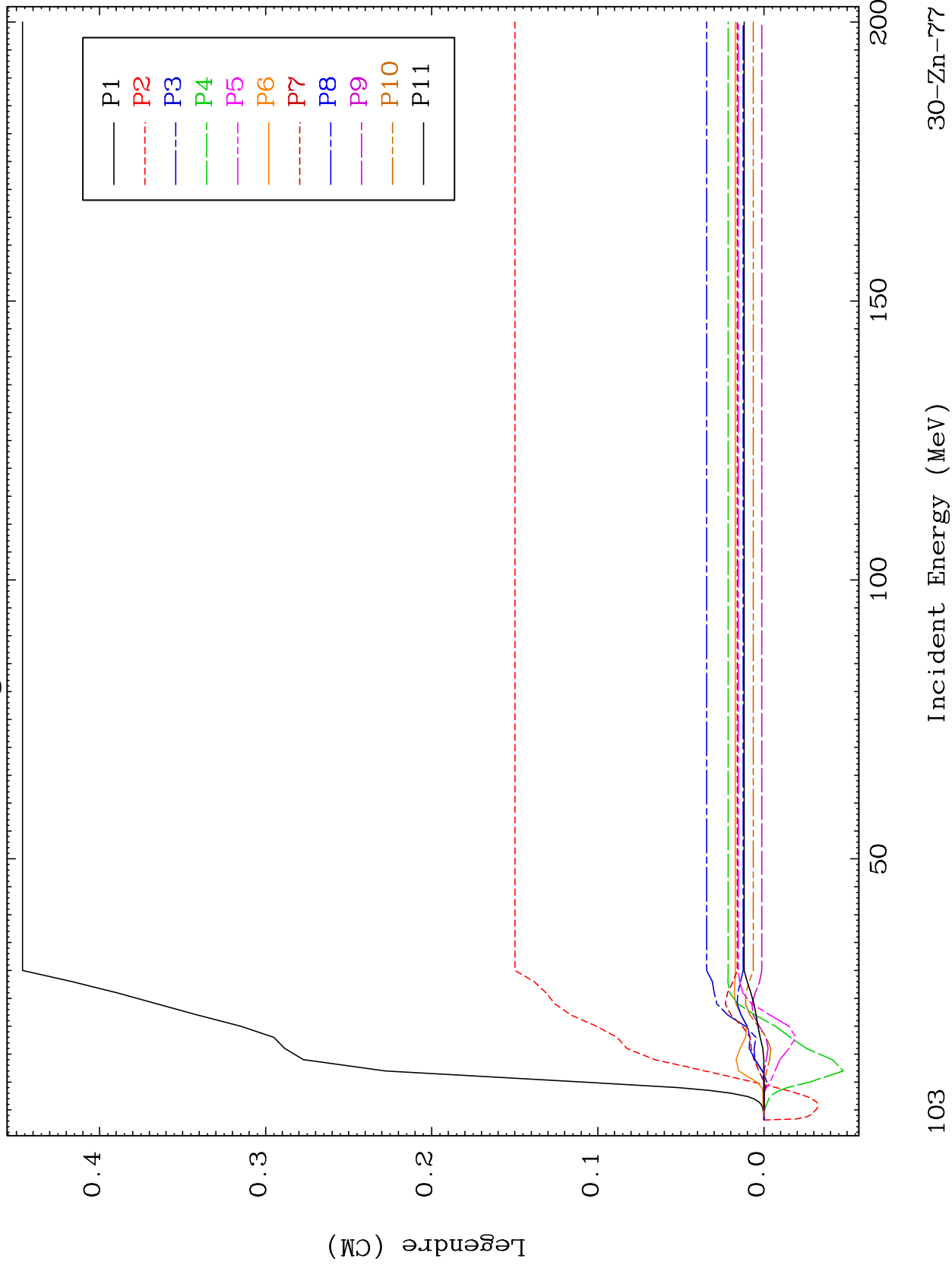




MAT 3064

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

30-Zn-77

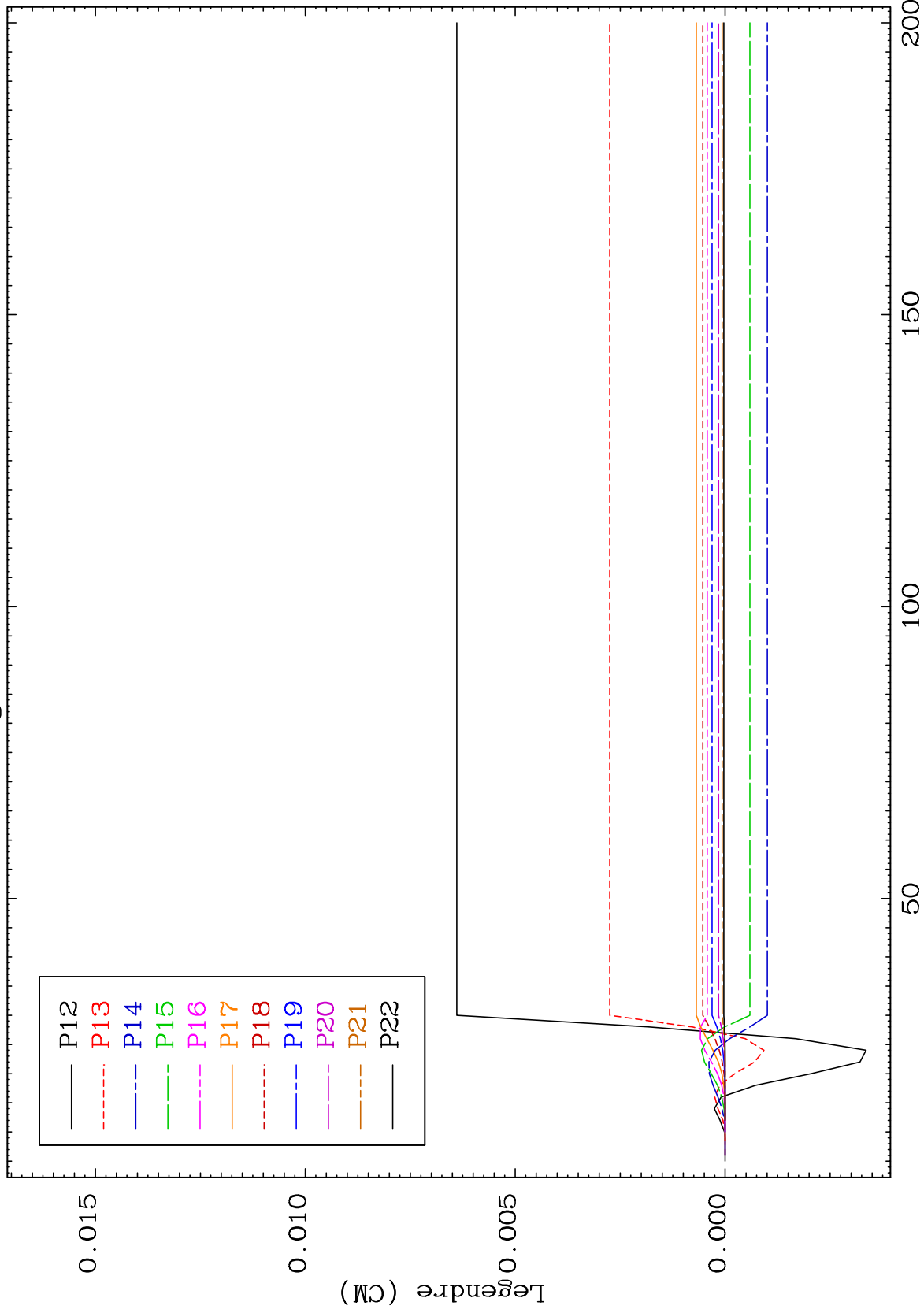


103

MAT 3064

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

30-Zn-77



104

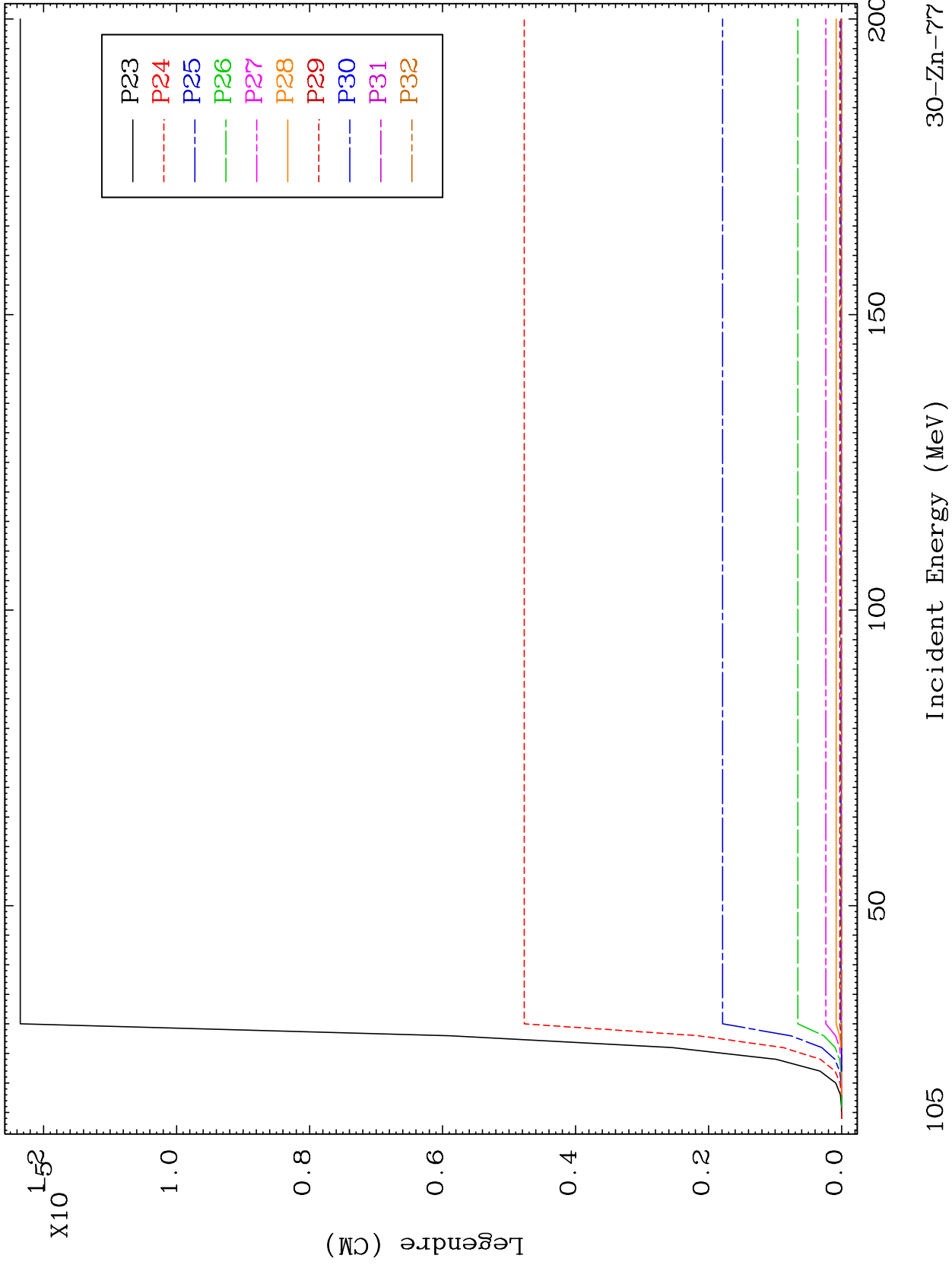
Incident Energy (MeV)

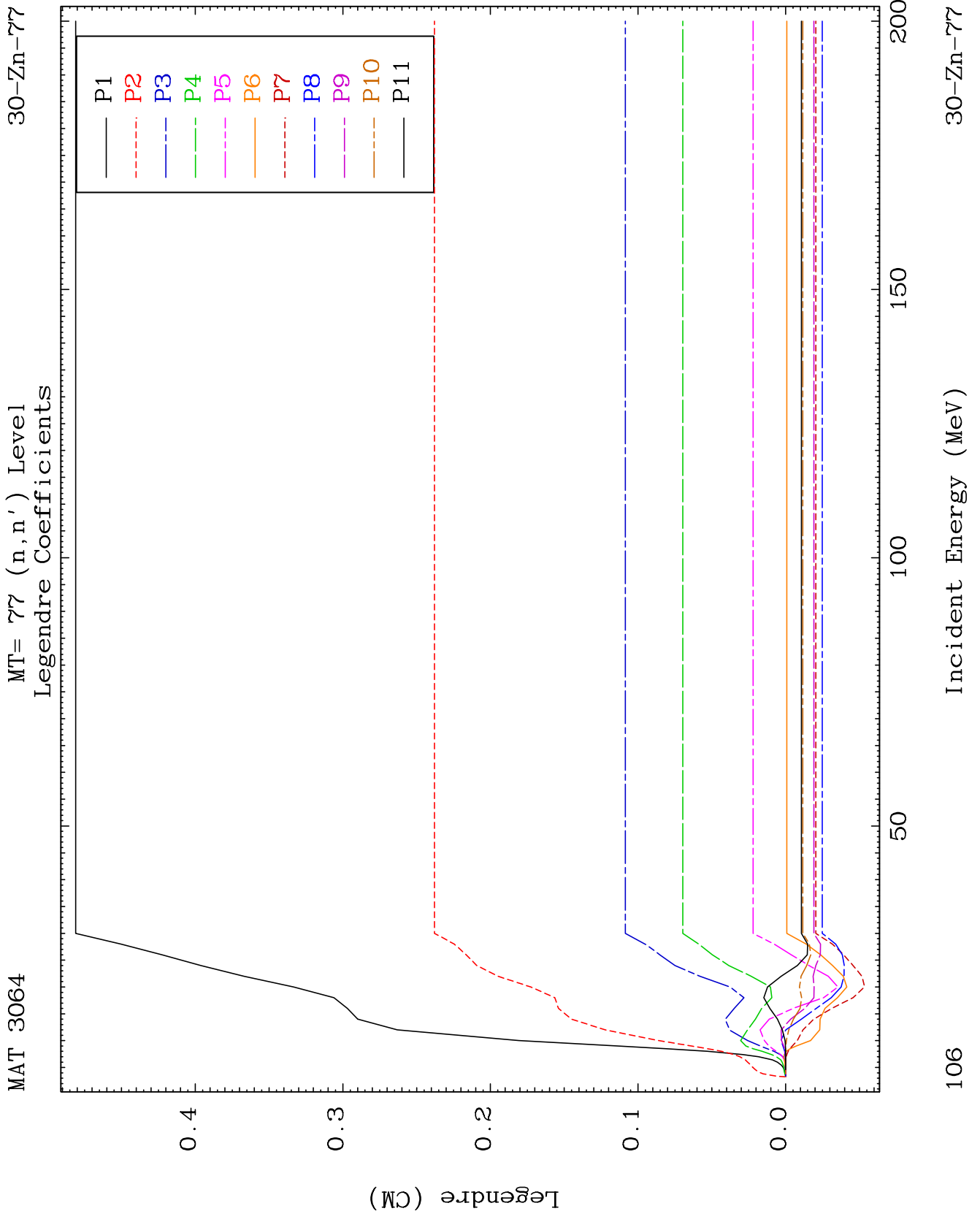
30-Zn-77

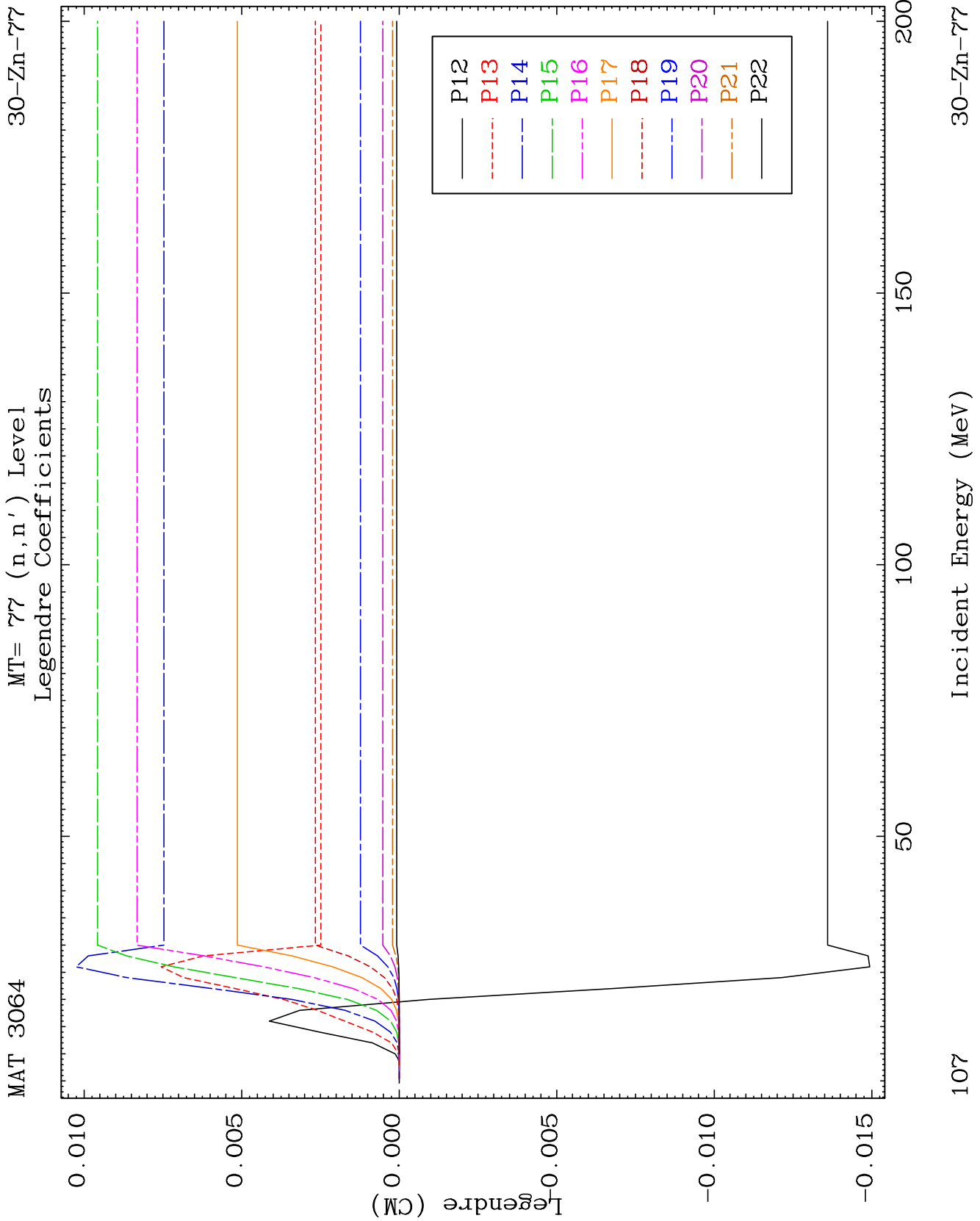
MAT 3064

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

30-Zn-77



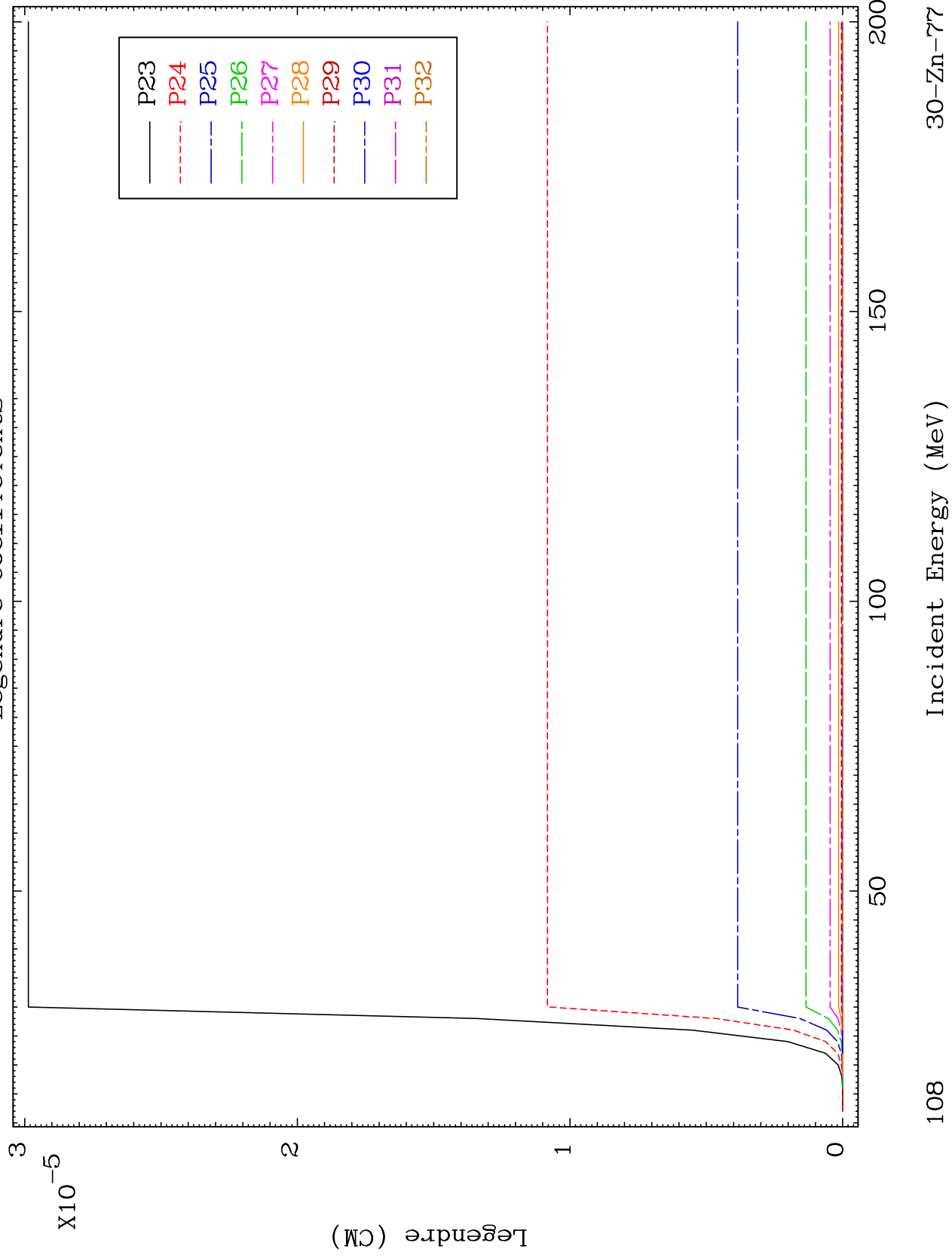




MAT 3064

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

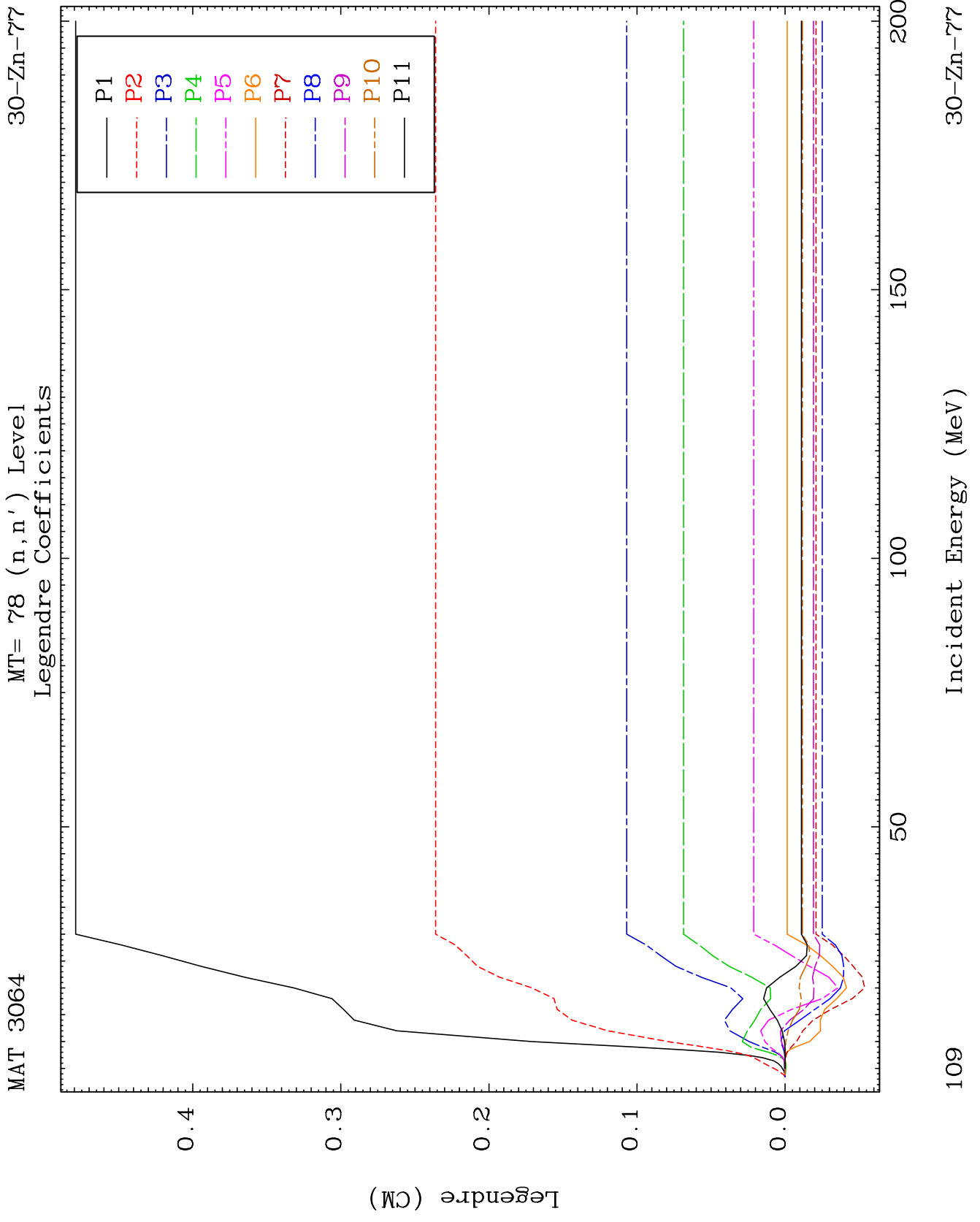
30-Zn-77

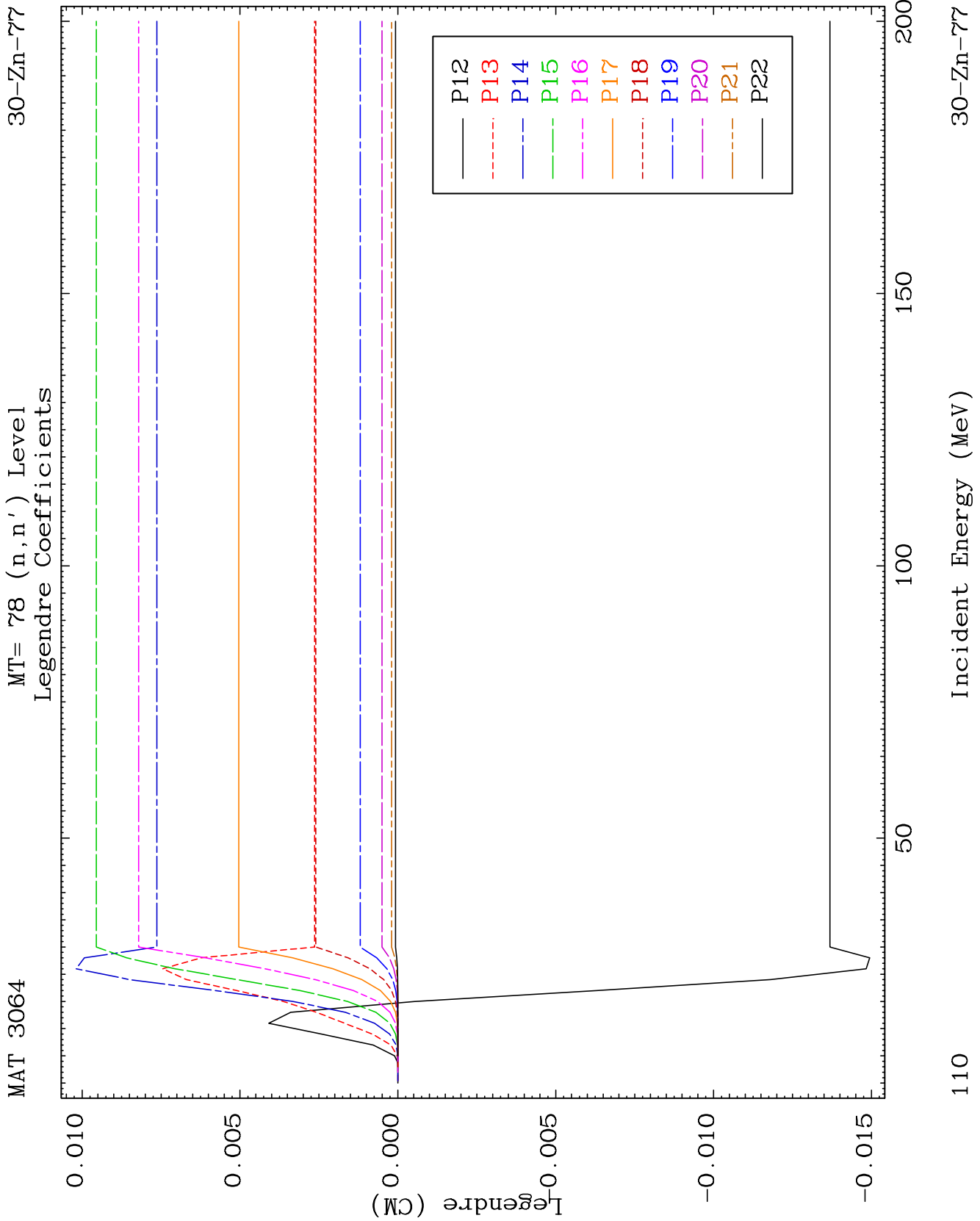


108

Incident Energy (MeV)

30-Zn-77

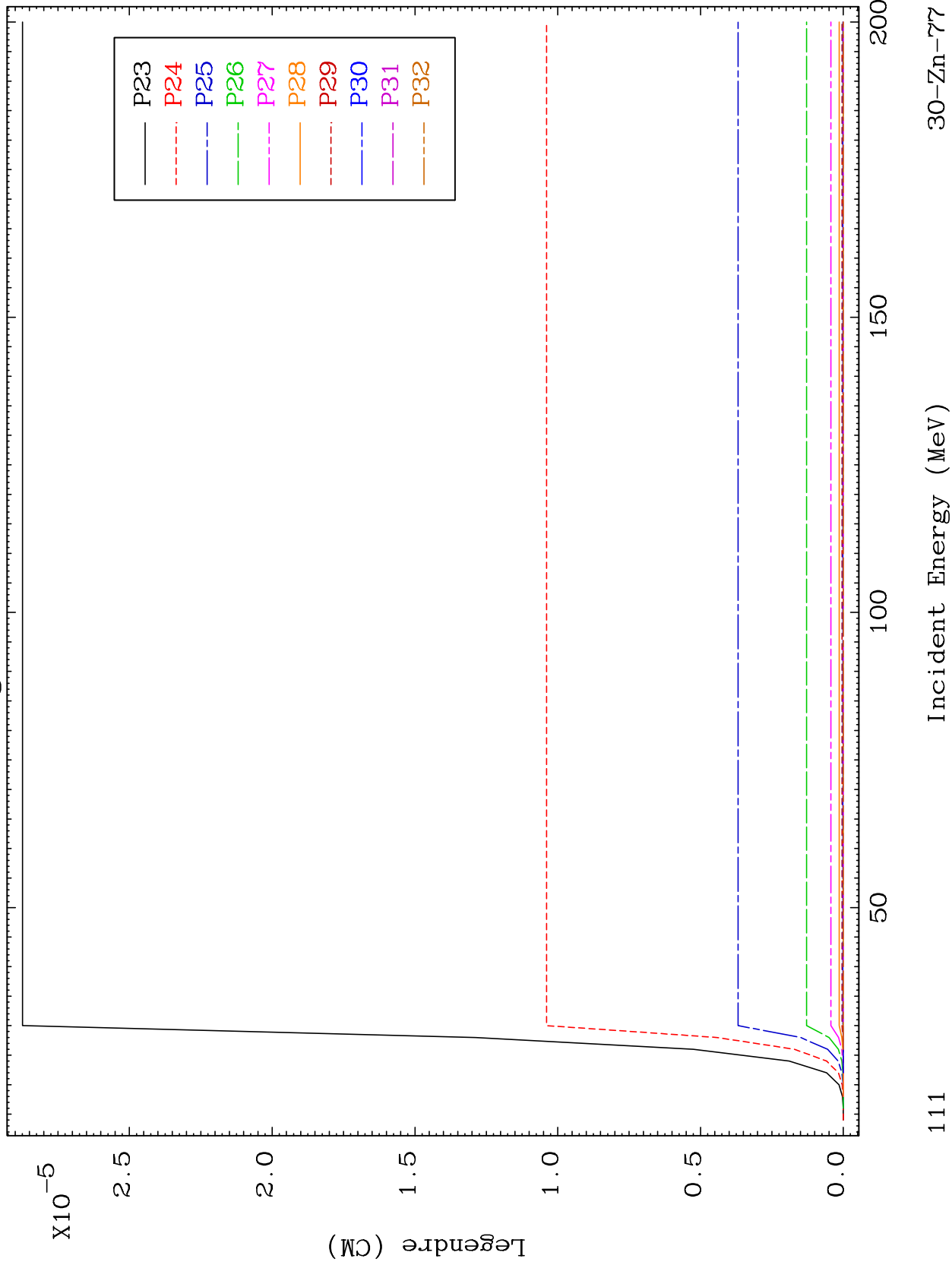




MAT 3064

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

30-Zn-77

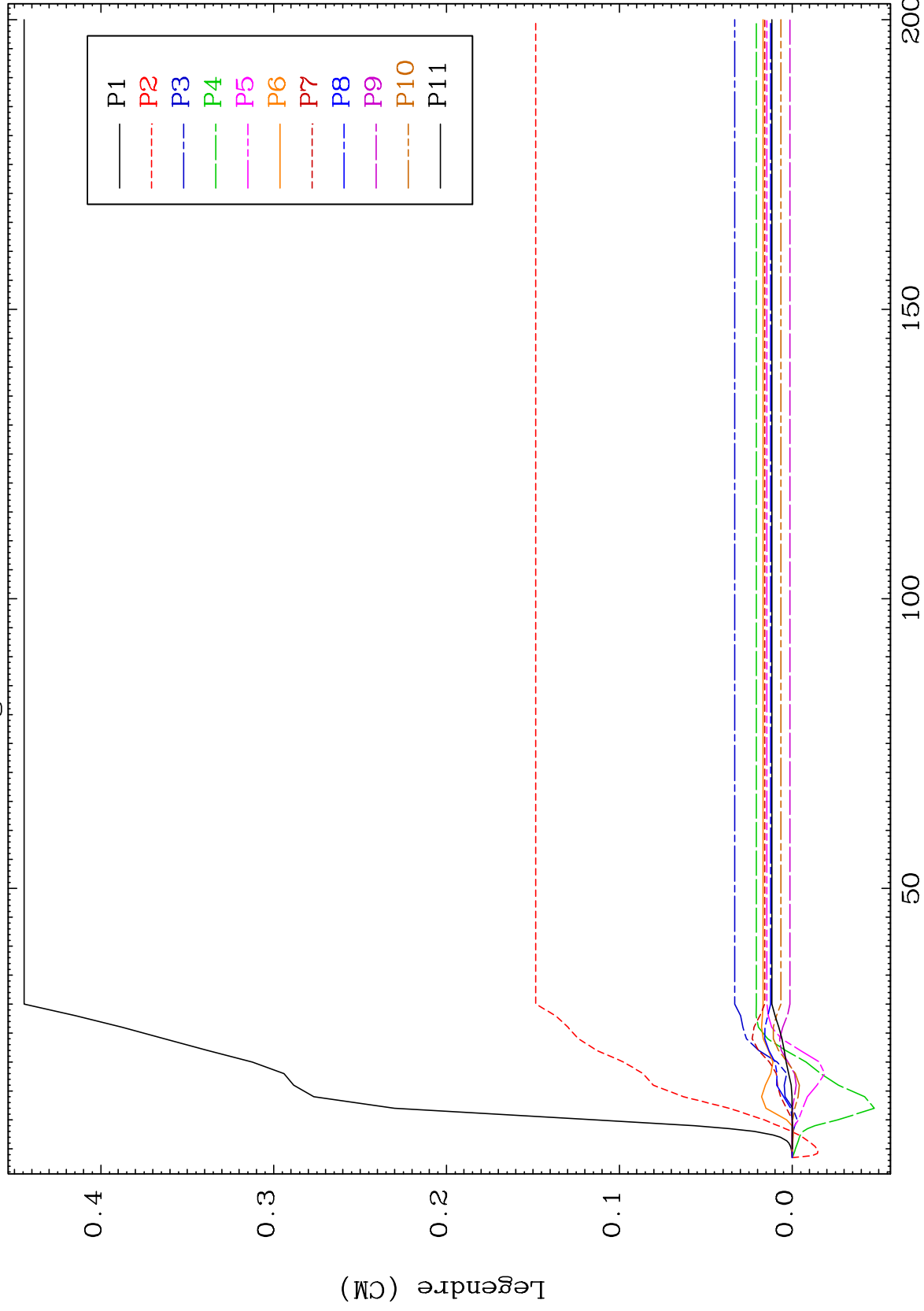


111

MAT 3064

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

30-Zn-77



112

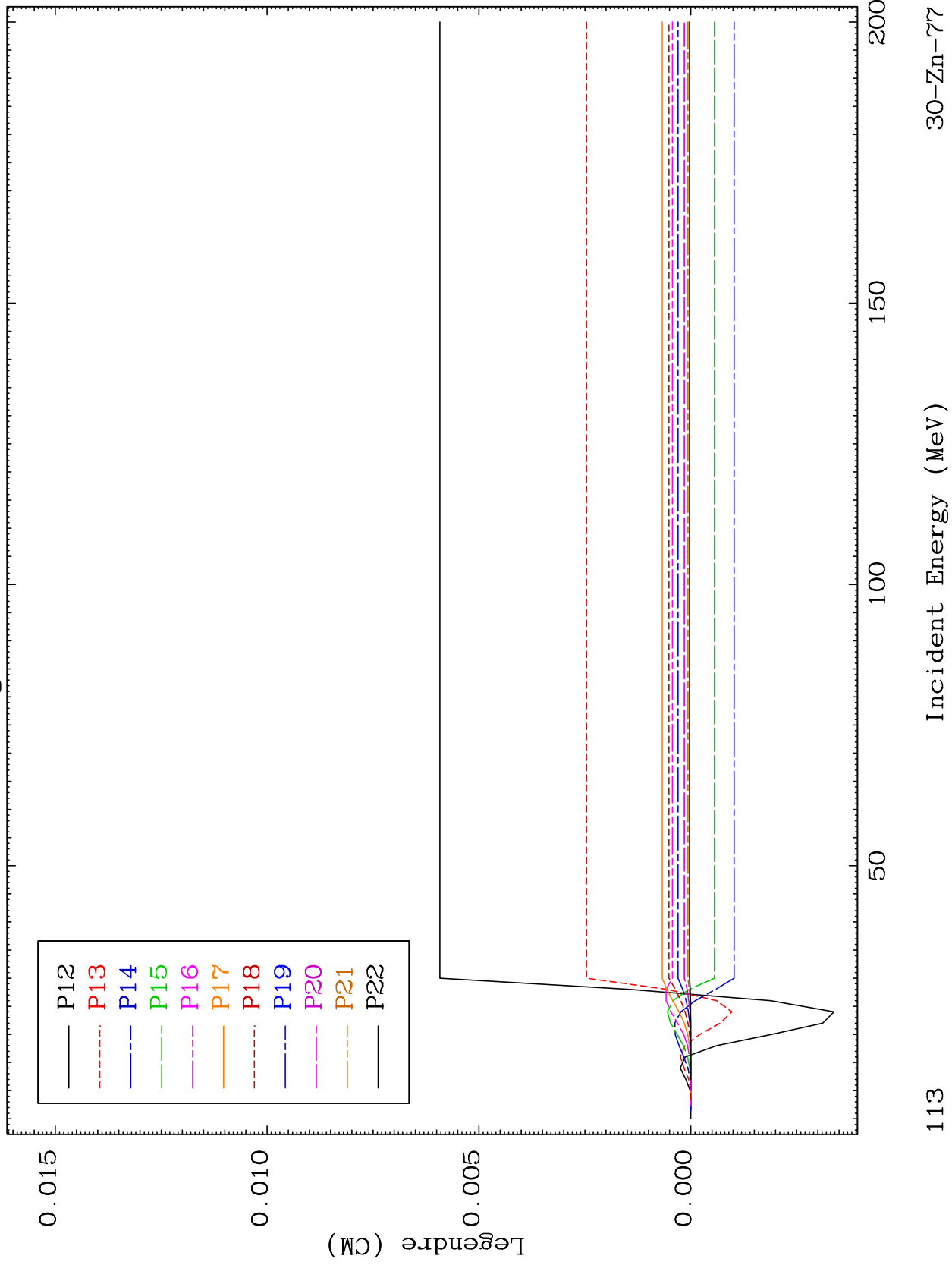
Incident Energy (MeV)

30-Zn-77

MAT 3064

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

30-Zn-77

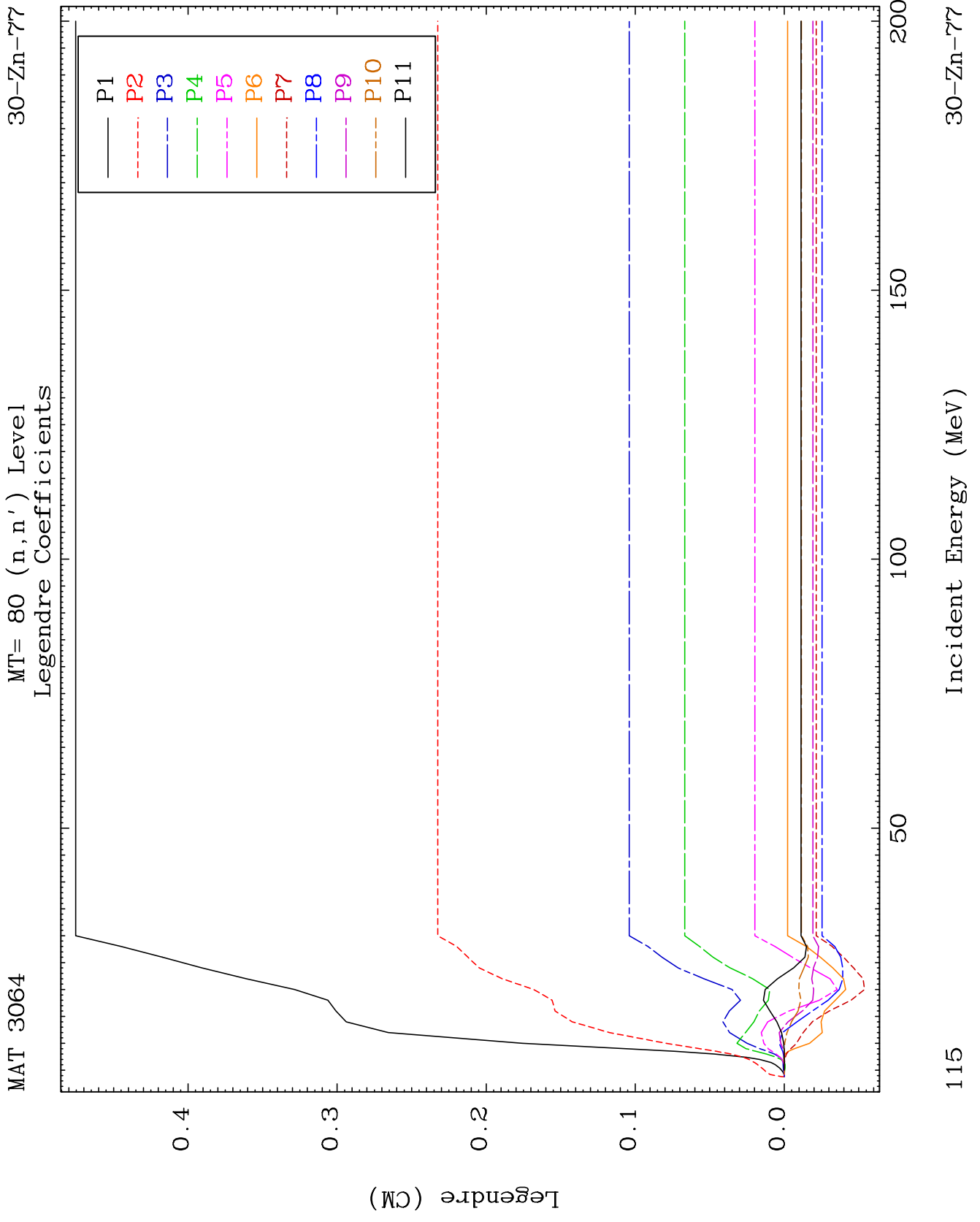


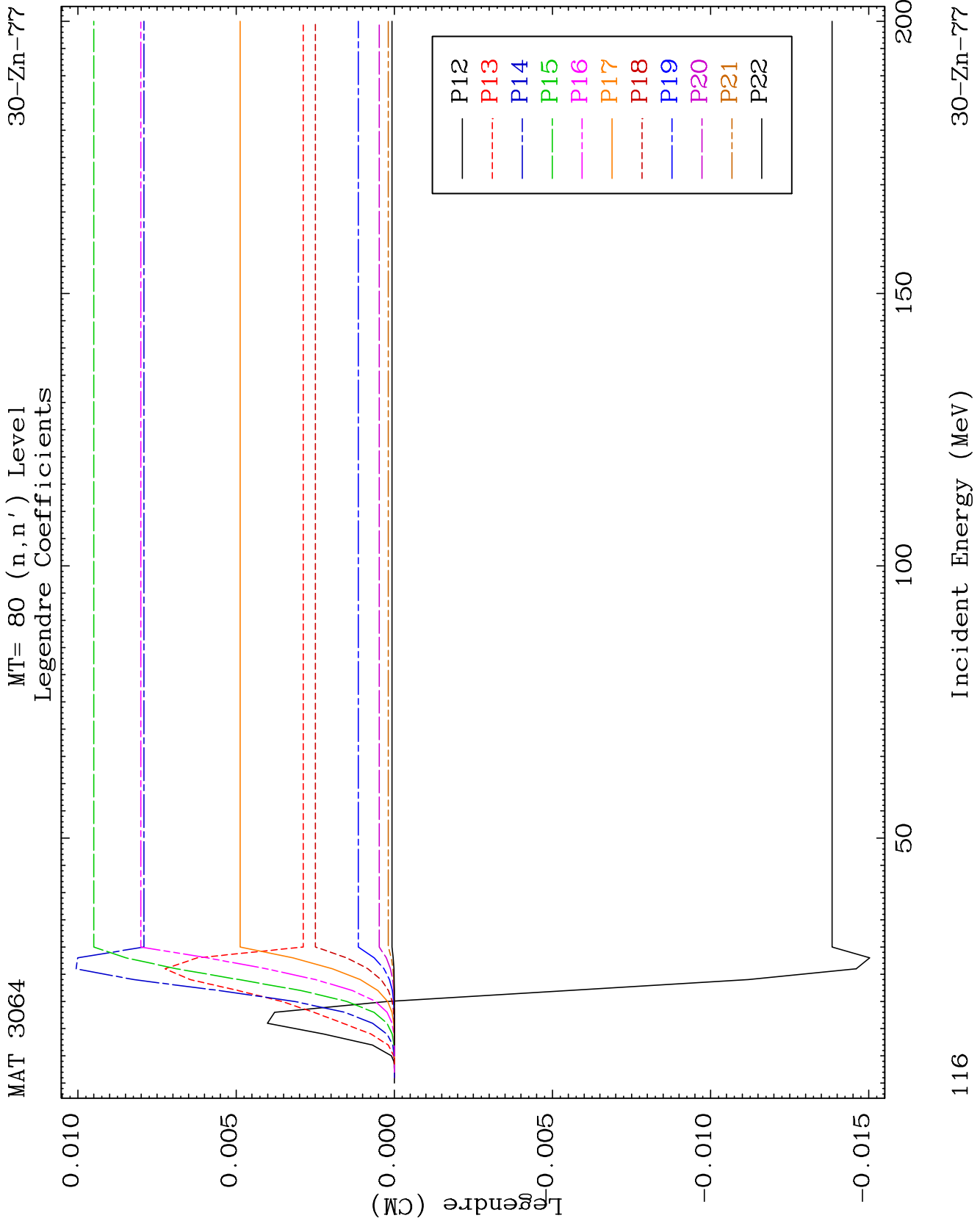
113

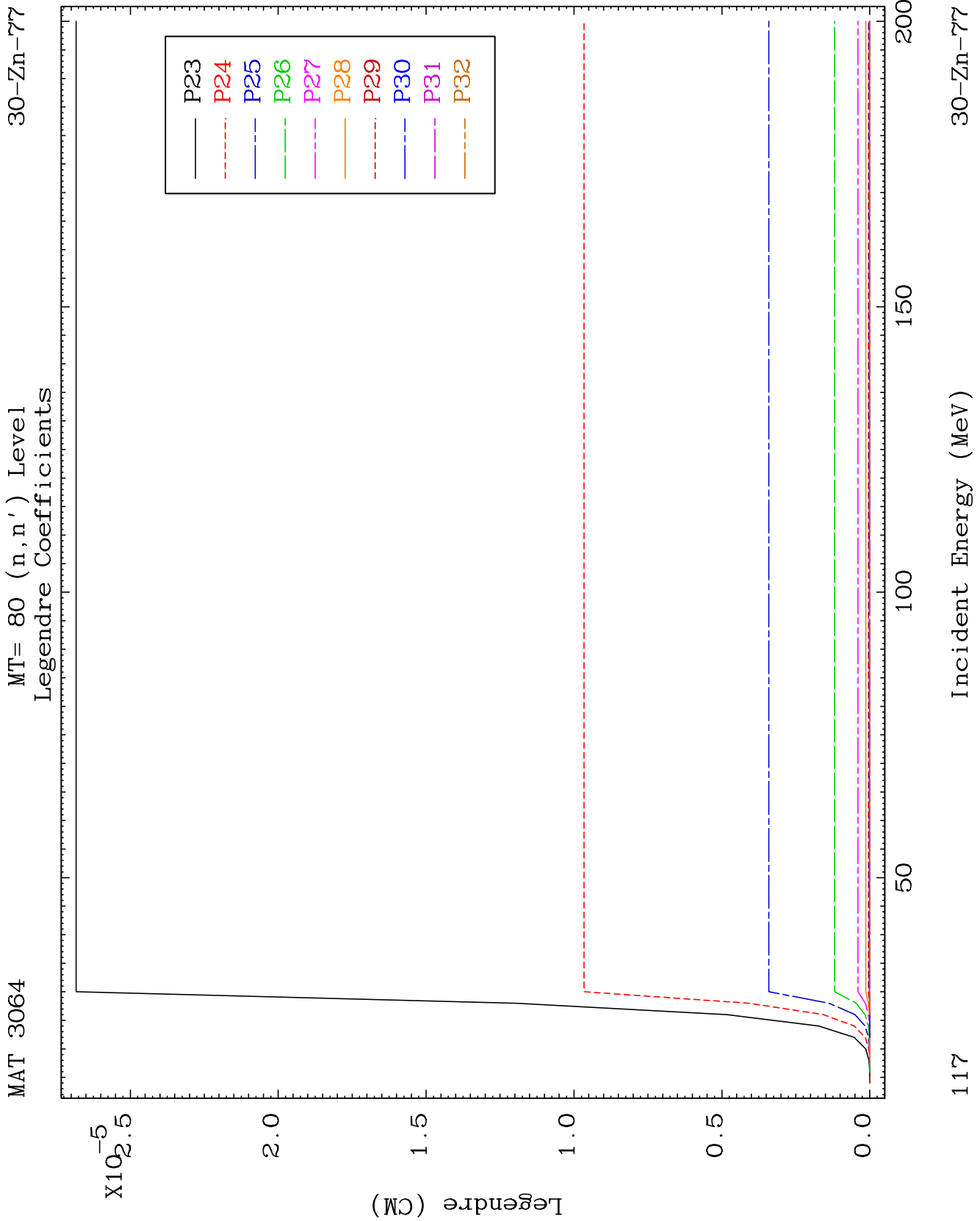
Incident Energy (MeV)

30-Zn-77





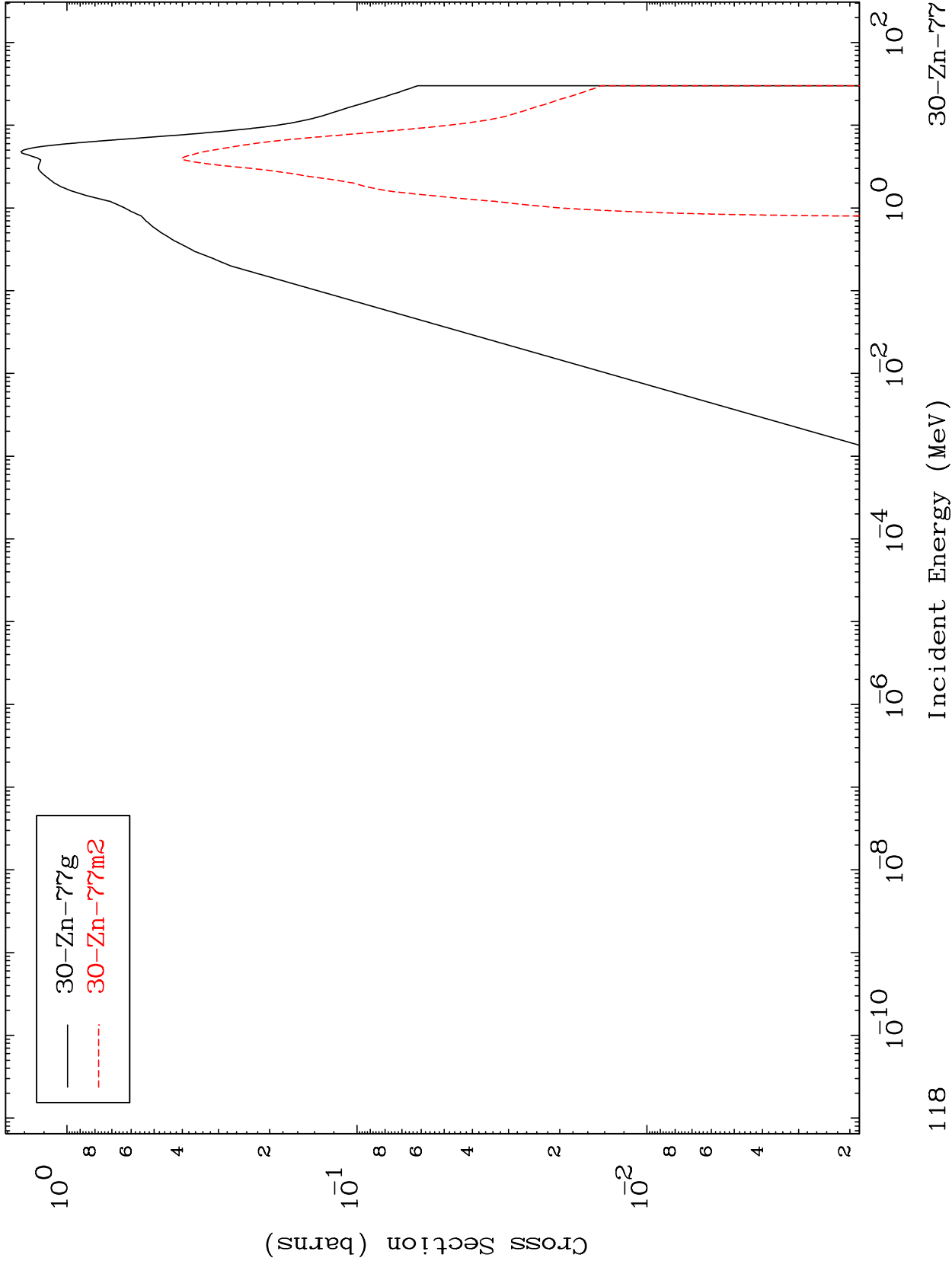




MAT 3064

Inelastic  
Radionuclide Production Cross Section

30-Zn-77

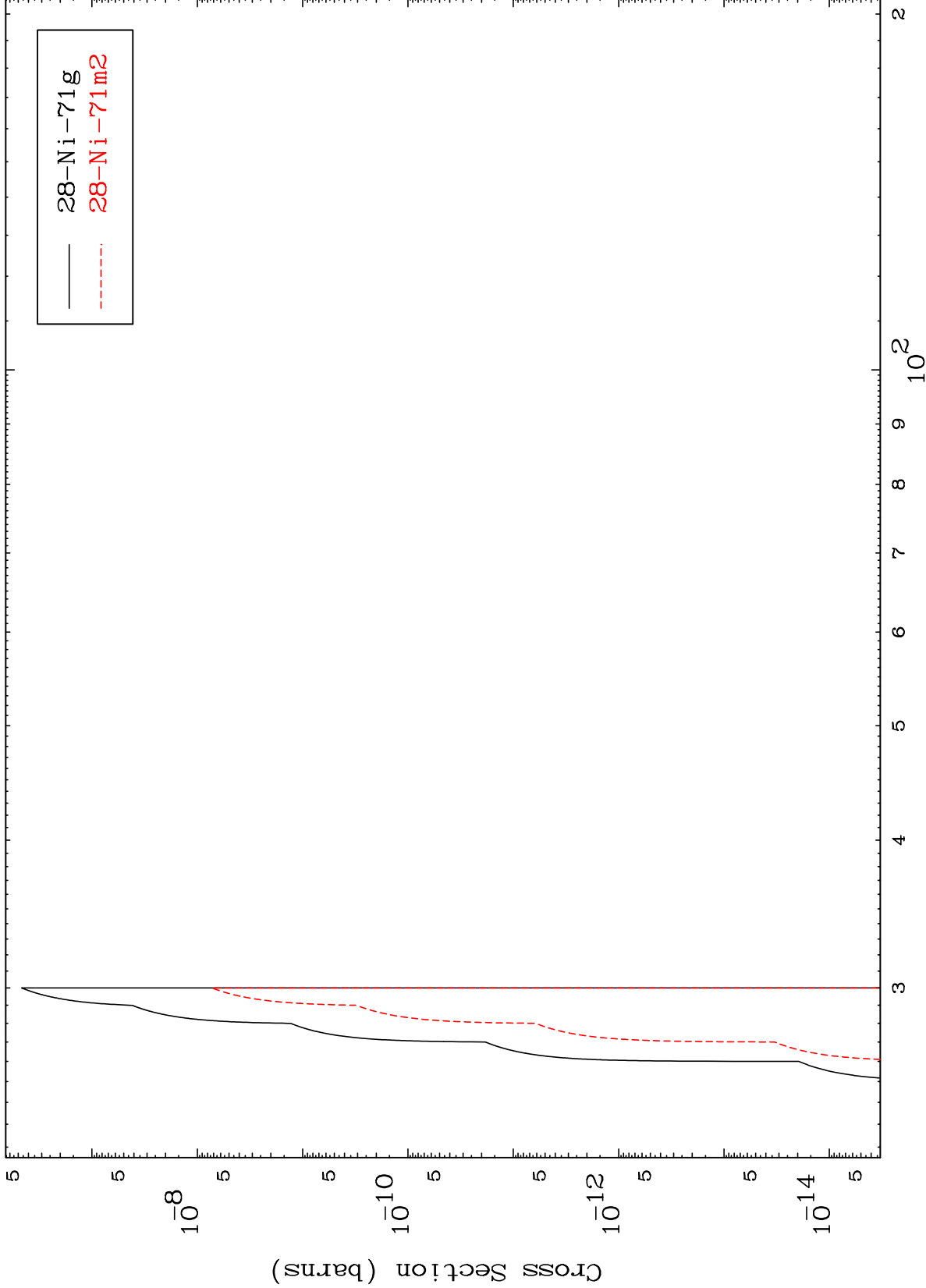


MAT 3064

(n,3n)  $\alpha$

30-Zn-77

Radionuclide Production Cross Section



119

Incident Energy (MeV)

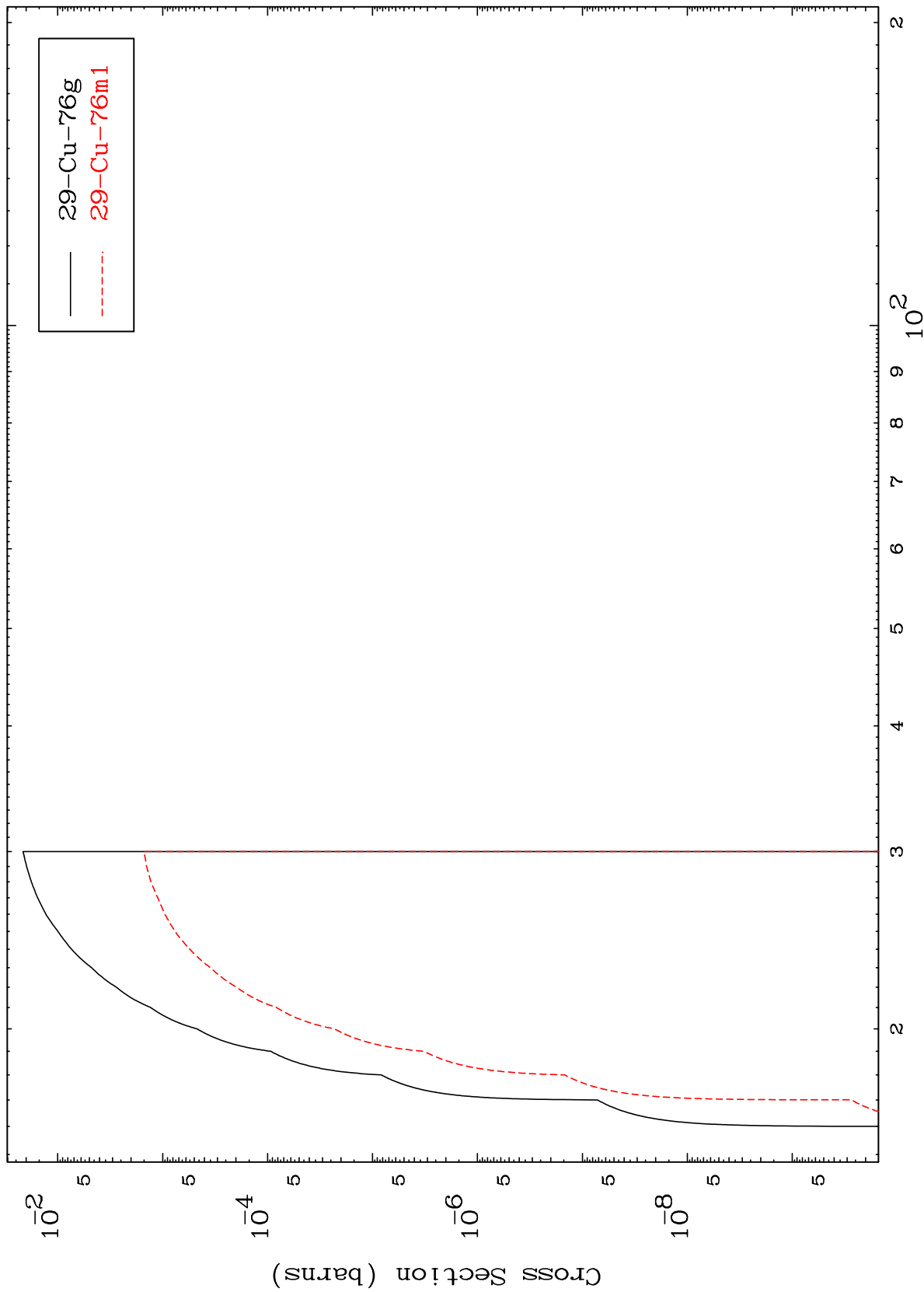
30-Zn-77

MAT 3064

(n,n') p

30-Zn-77

Radionuclide Production Cross Section



120

Incident Energy (MeV)

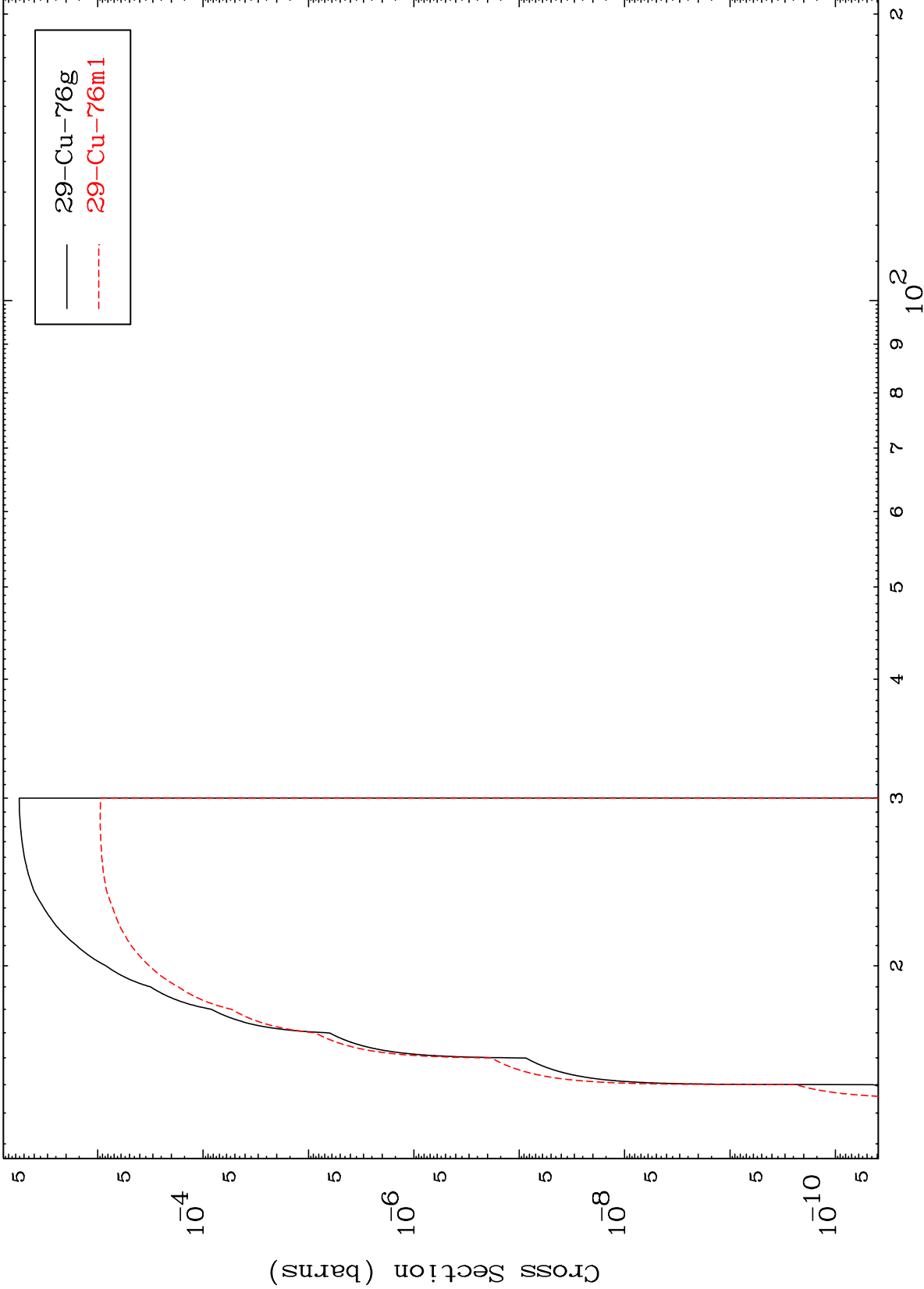
30-Zn-77

MAT 3064

(n,d)

30-Zn-77

Radionuclide Production Cross Section



121

Incident Energy (MeV)

30-Zn-77