

Program EVALPLOT  
(Version 2017-1)

by

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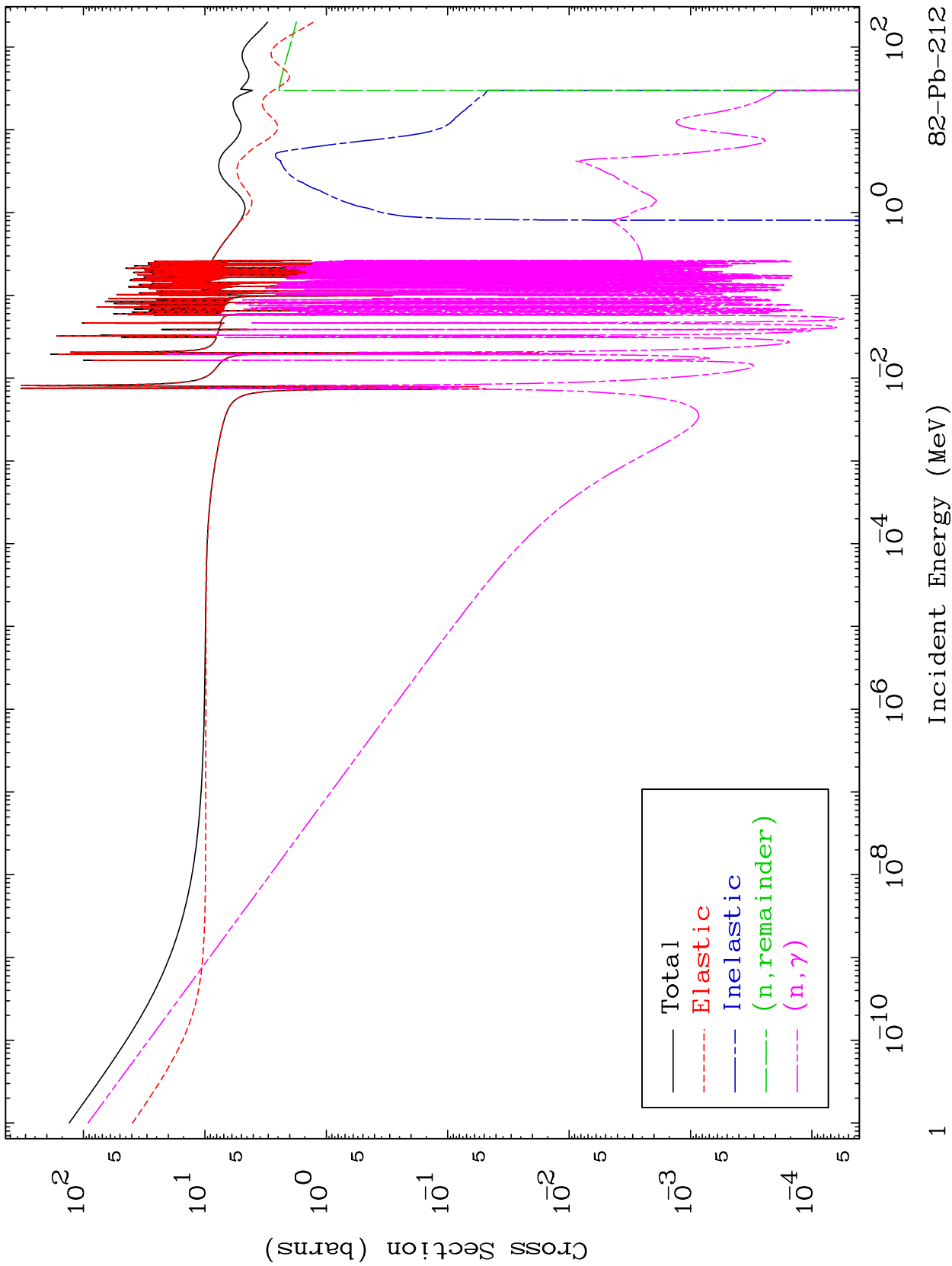
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8249

Major  
293 Kelvin Cross Sections

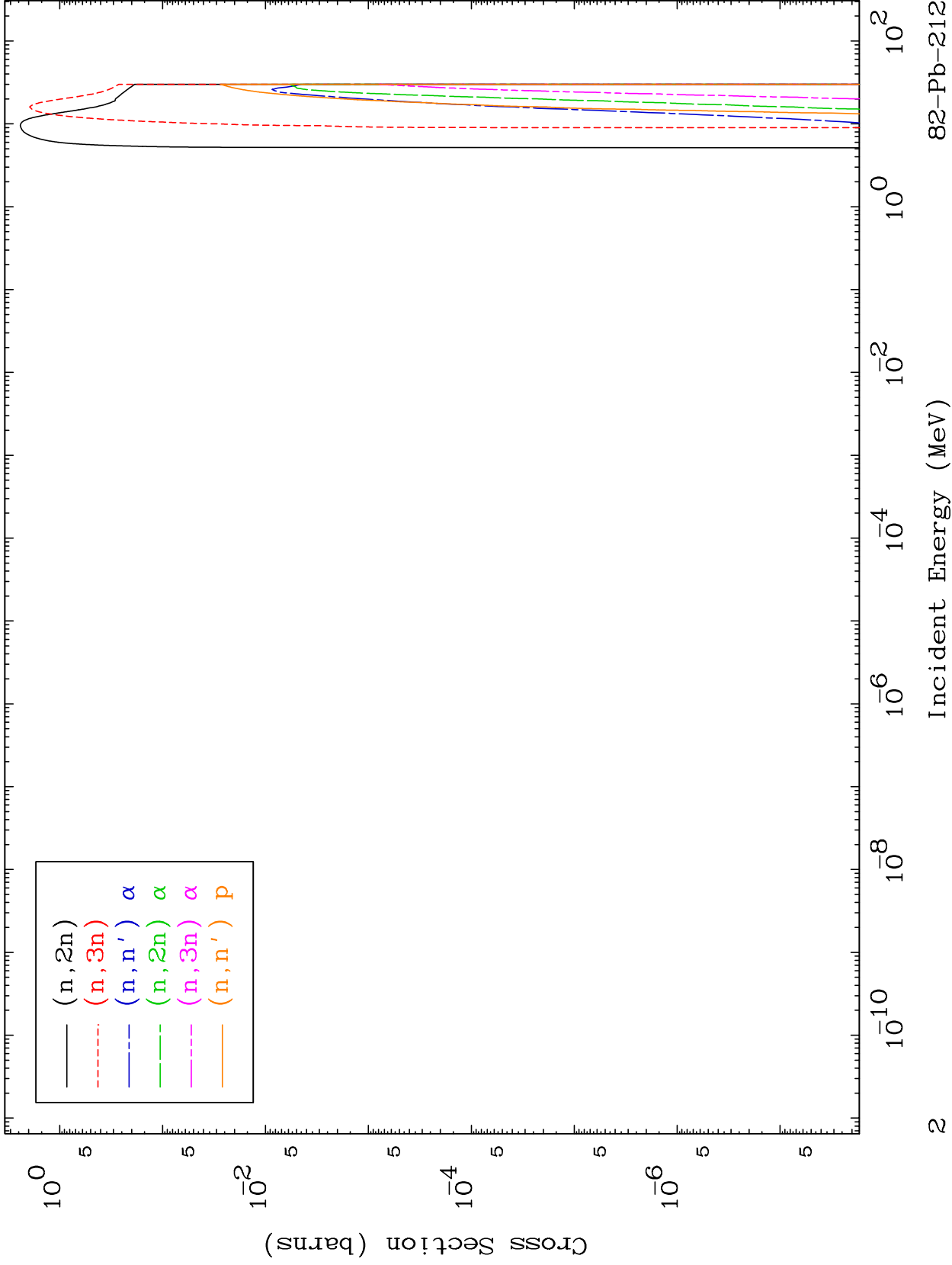
82-Pb-212



MAT 8249

Neutron Production  
293 Kelvin Cross Sections

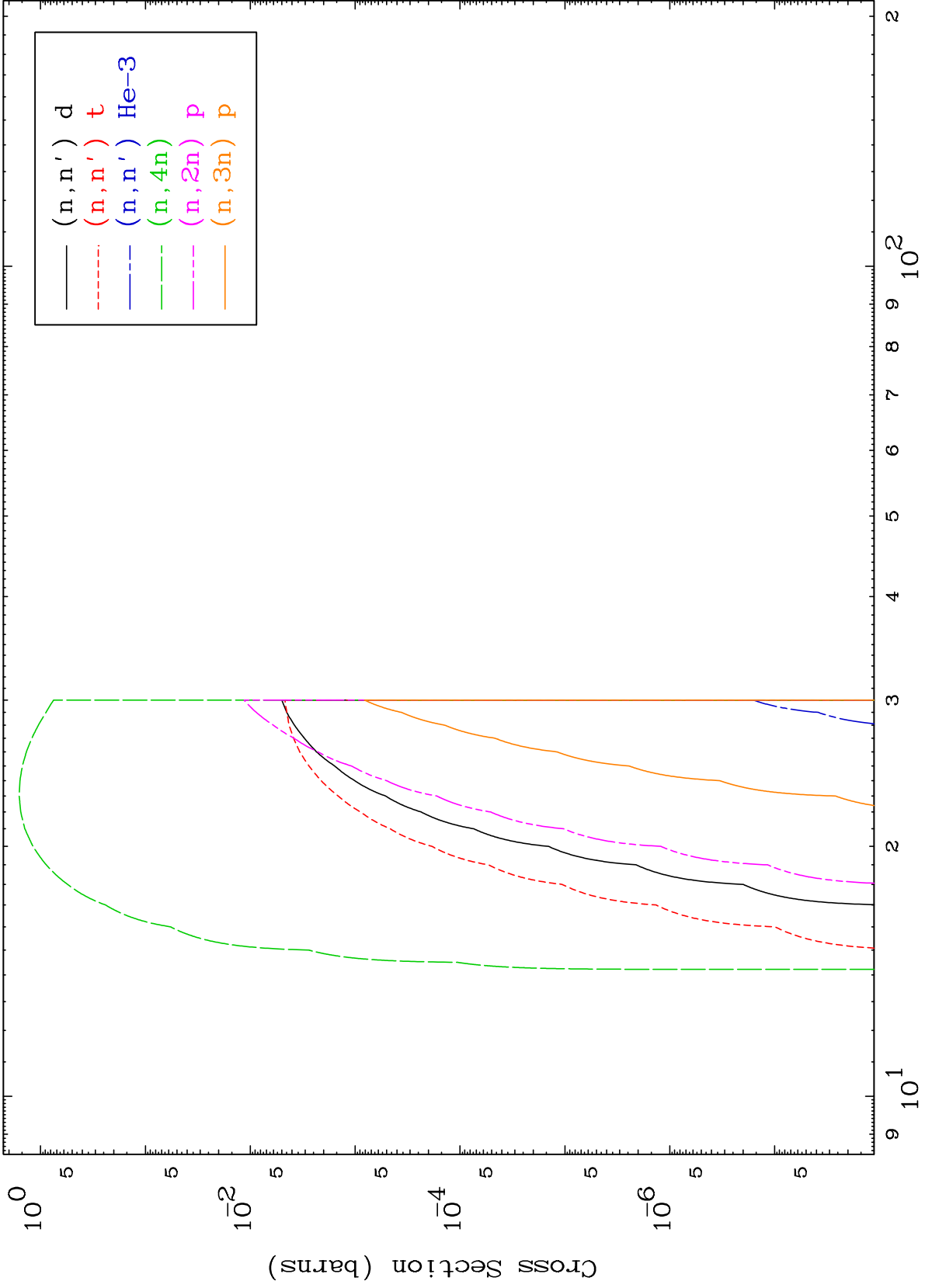
82-Pb-212



MAT 8249

Neutron Production  
293 Kelvin Cross Sections

82-Pb-212



Incident Energy (MeV)

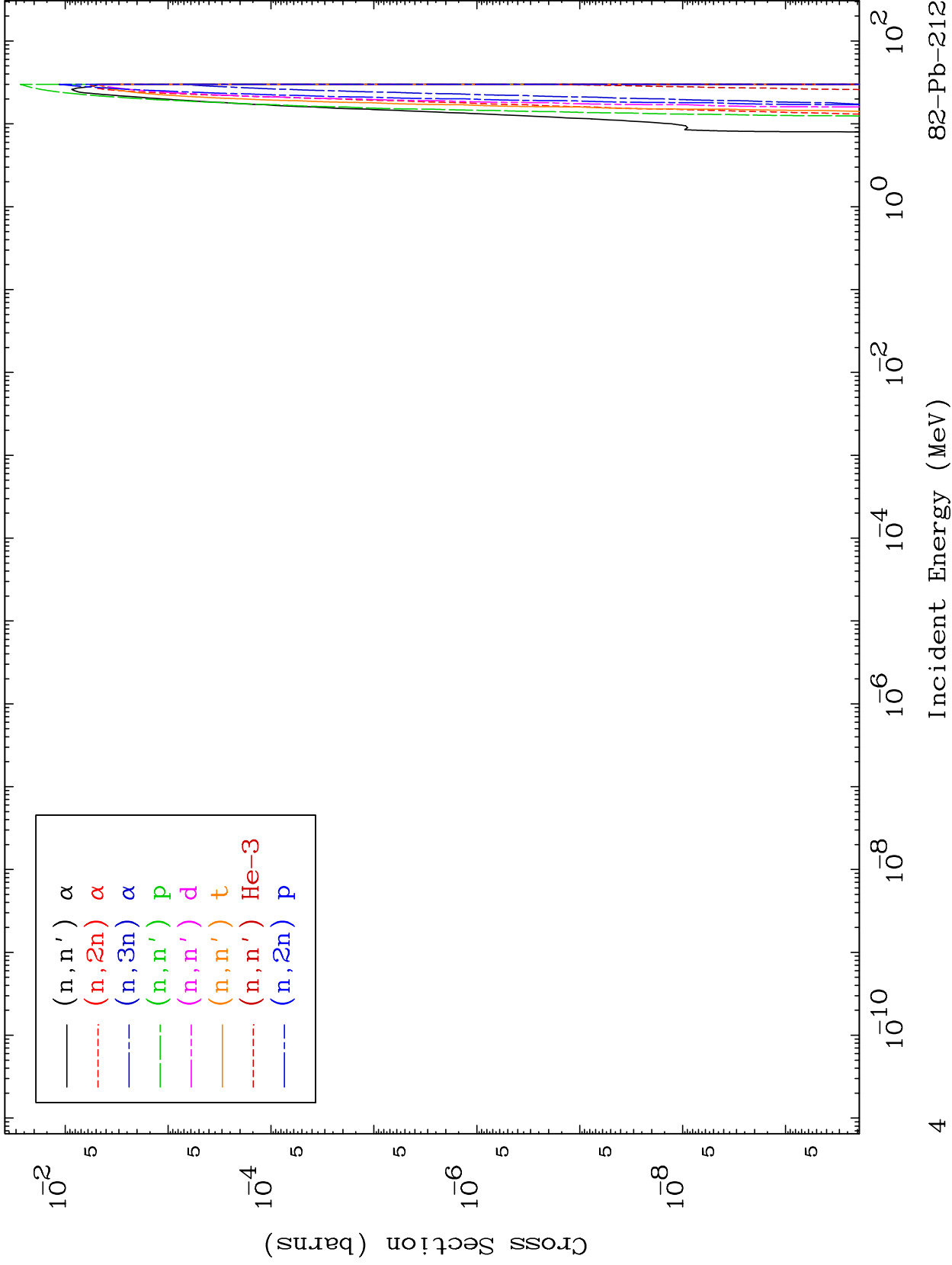
82-Pb-212

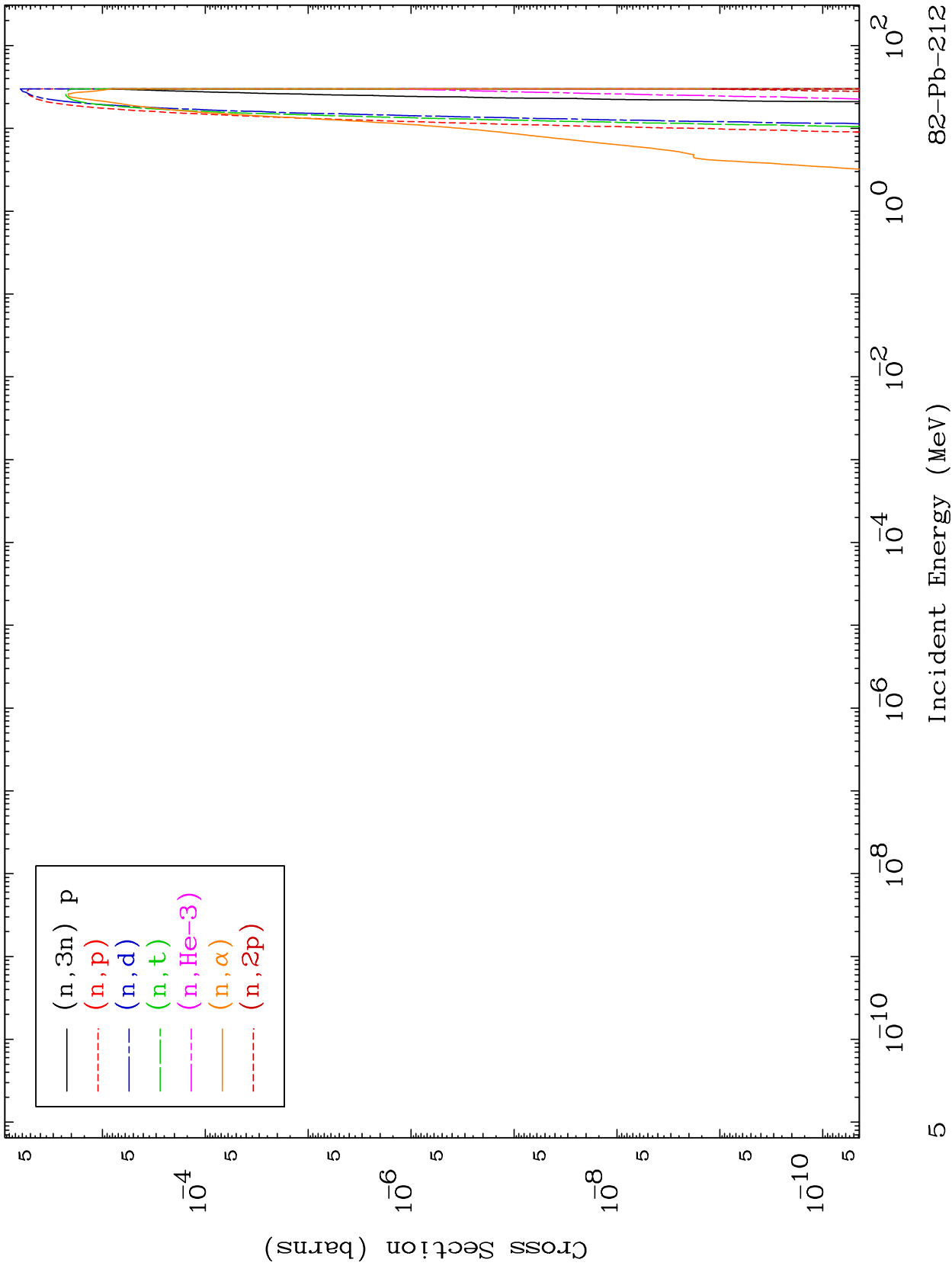
3

MAT 8249

Charged Particle  
293 Kelvin Cross Sections

82-Pb-212

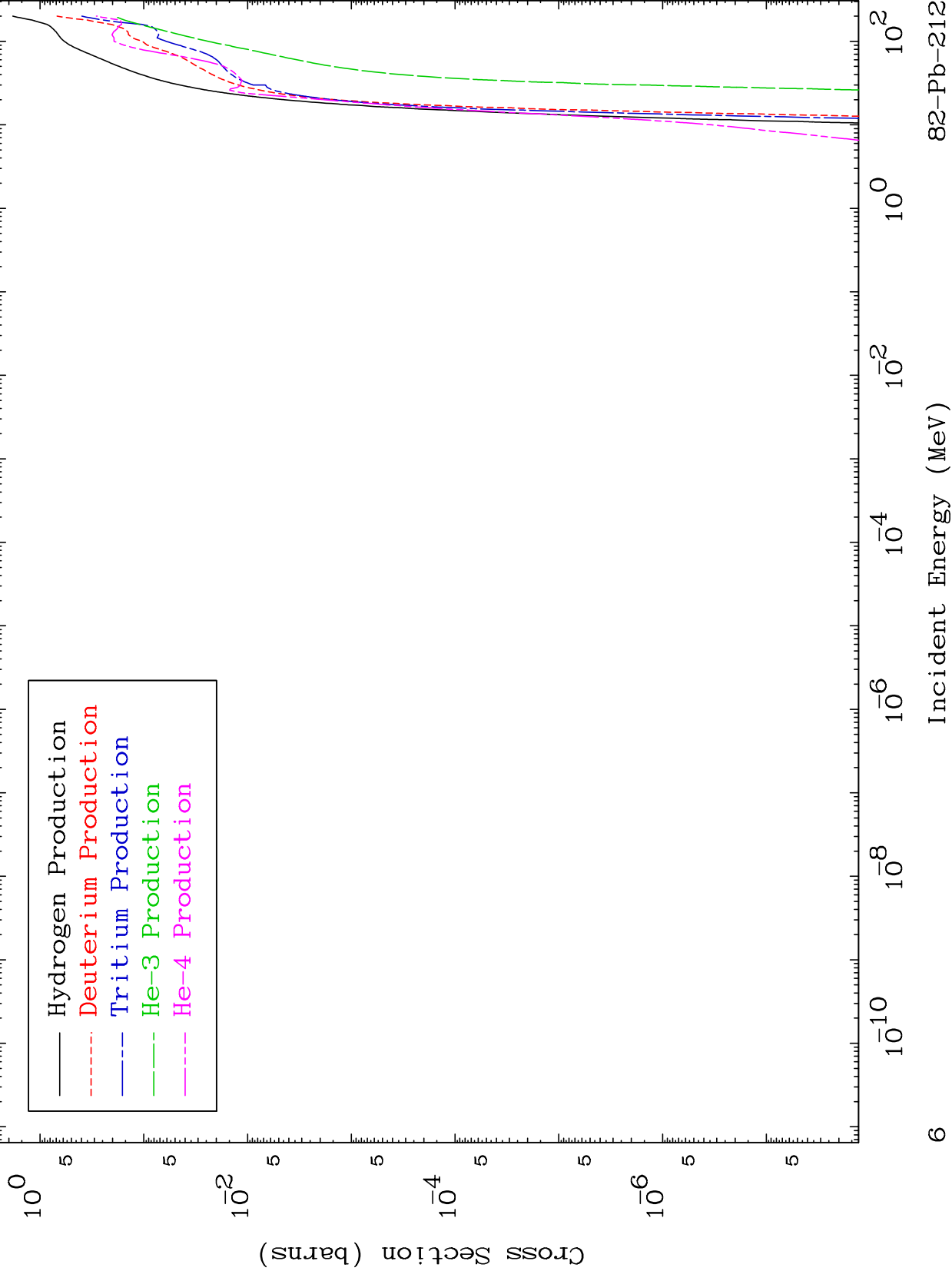




MAT 8249

Particle Production  
293 Kelvin Cross Sections

82-Pb-212

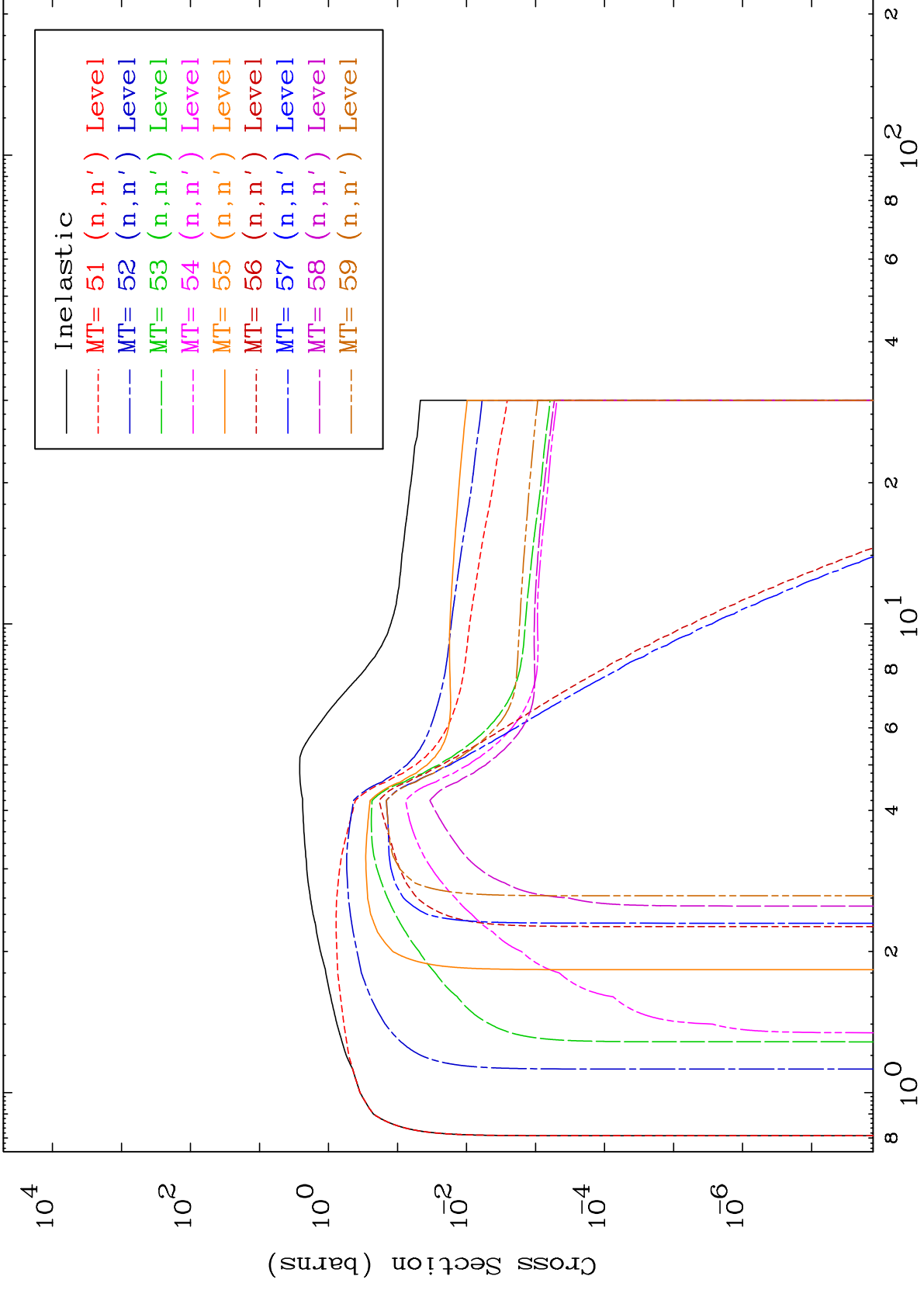


MAT 8249

(n,n') Level

82-Pb-212

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-212

7

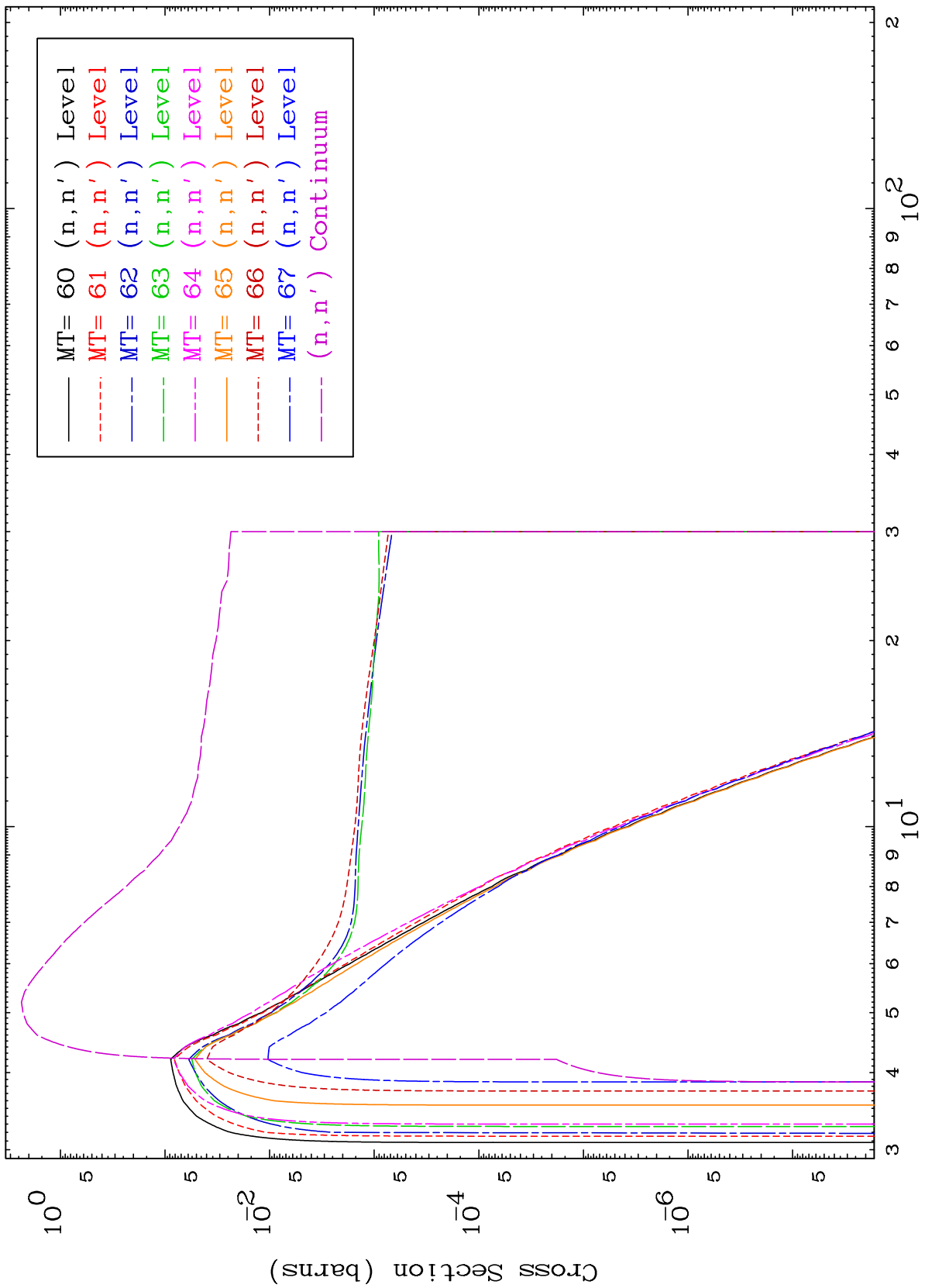


MAT 8249

(n,n') Level

82-Pb-212

293 Kelvin Cross Sections



Incident Energy (MeV)

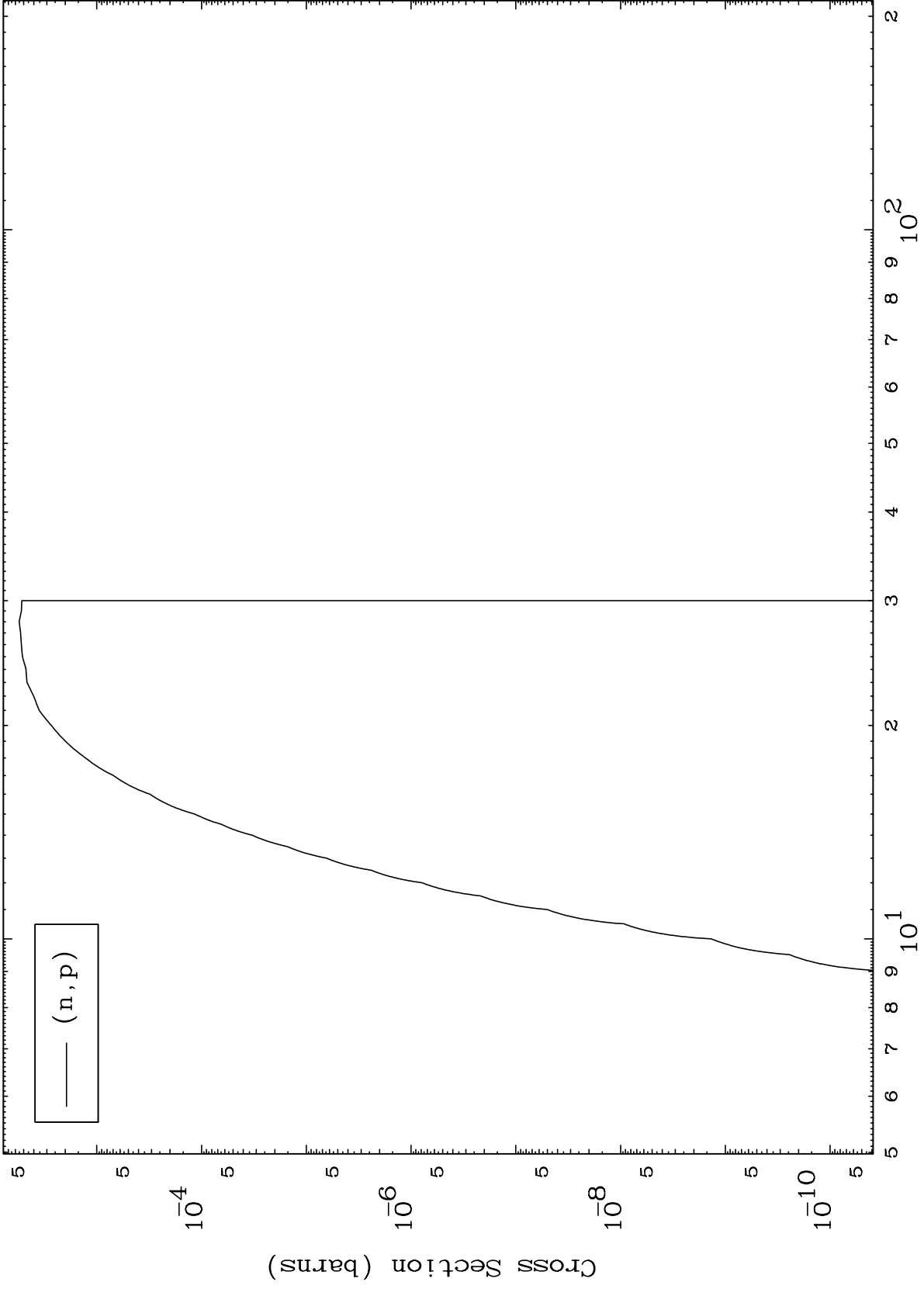
82-Pb-212

8

MAT 8249

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-212



9

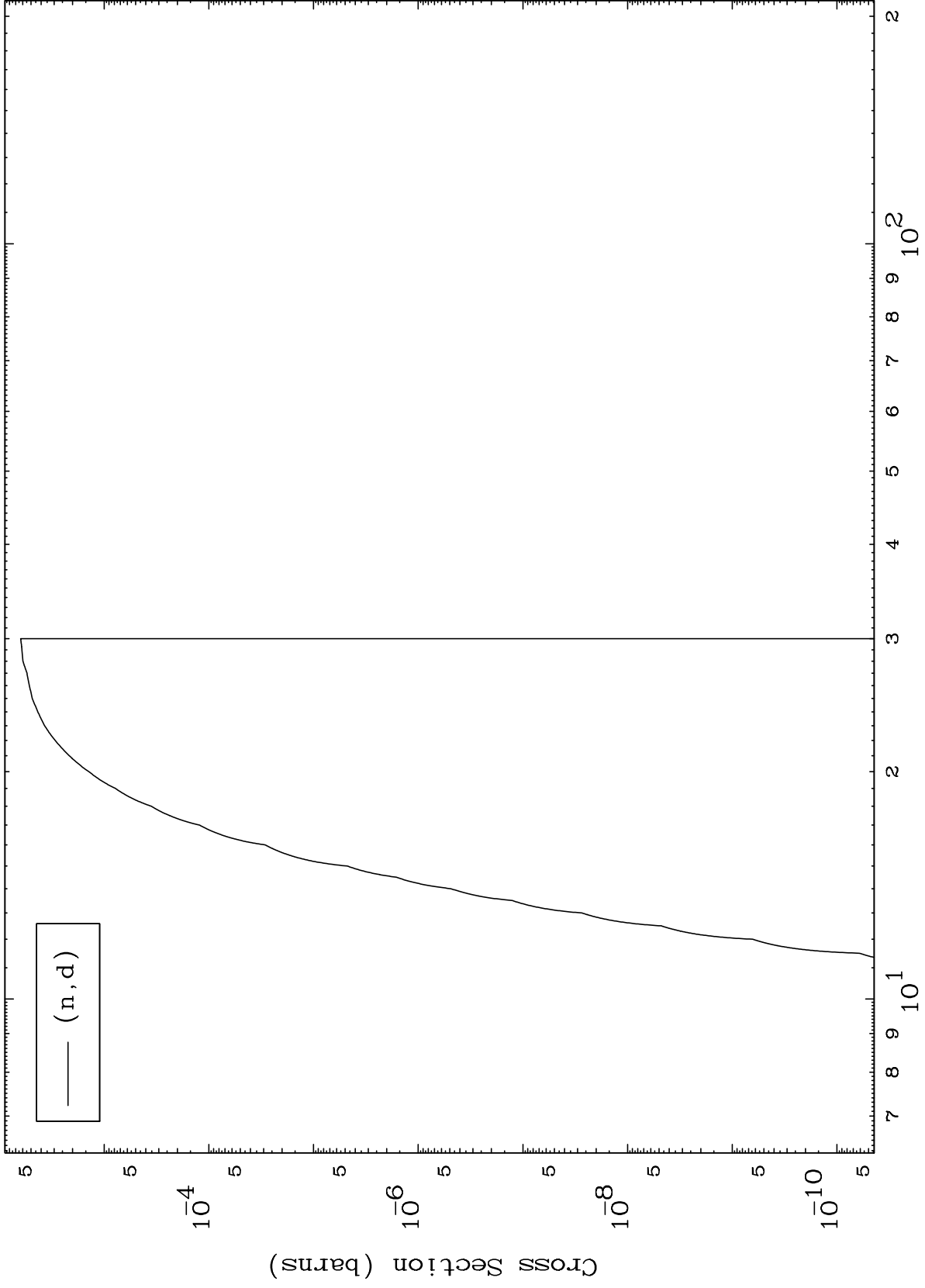
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-212



10

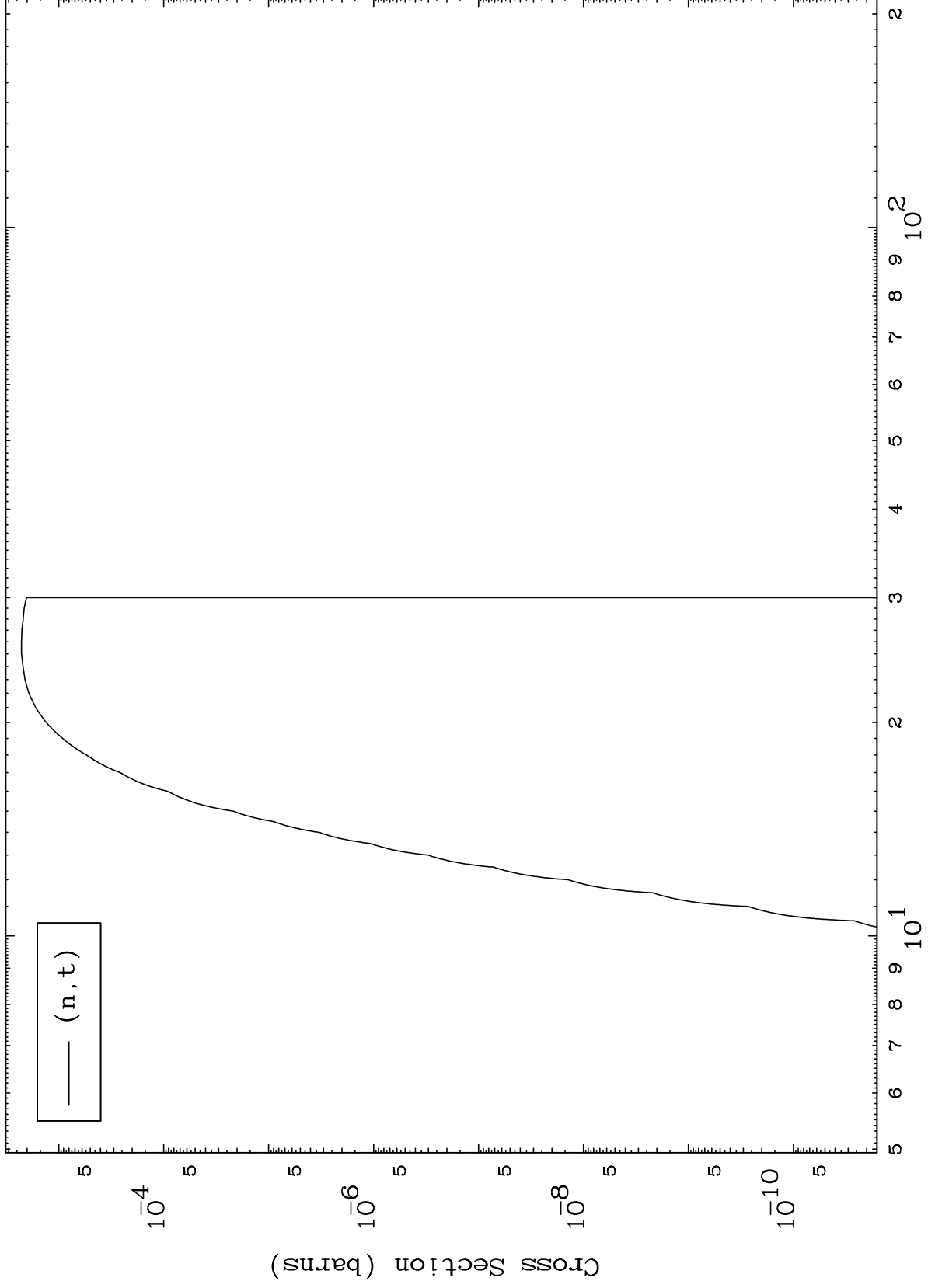
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n, t) Levels  
293 Kelvin Cross Sections

82-Pb-212



11

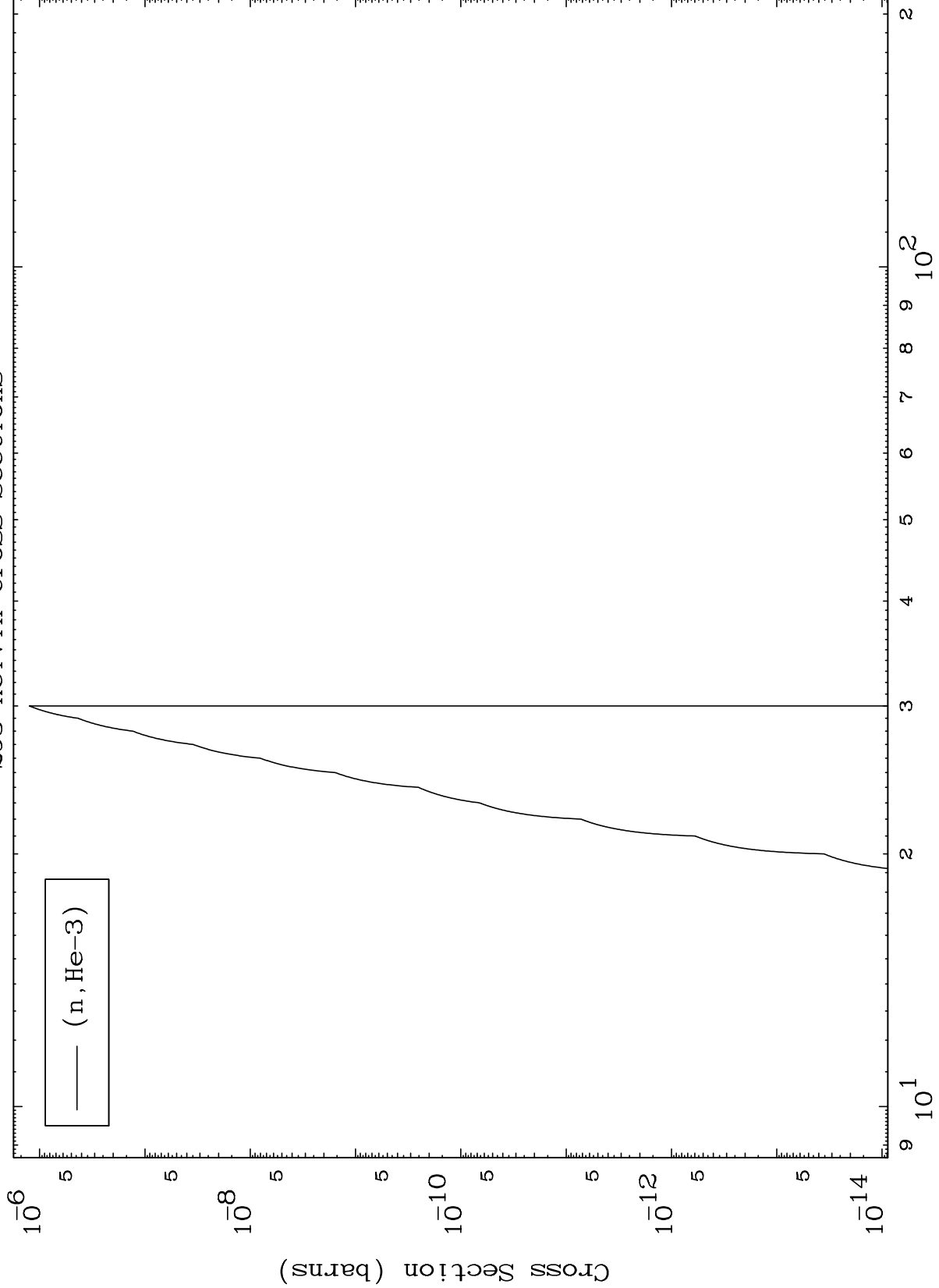
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-212



(n, He-3)

12

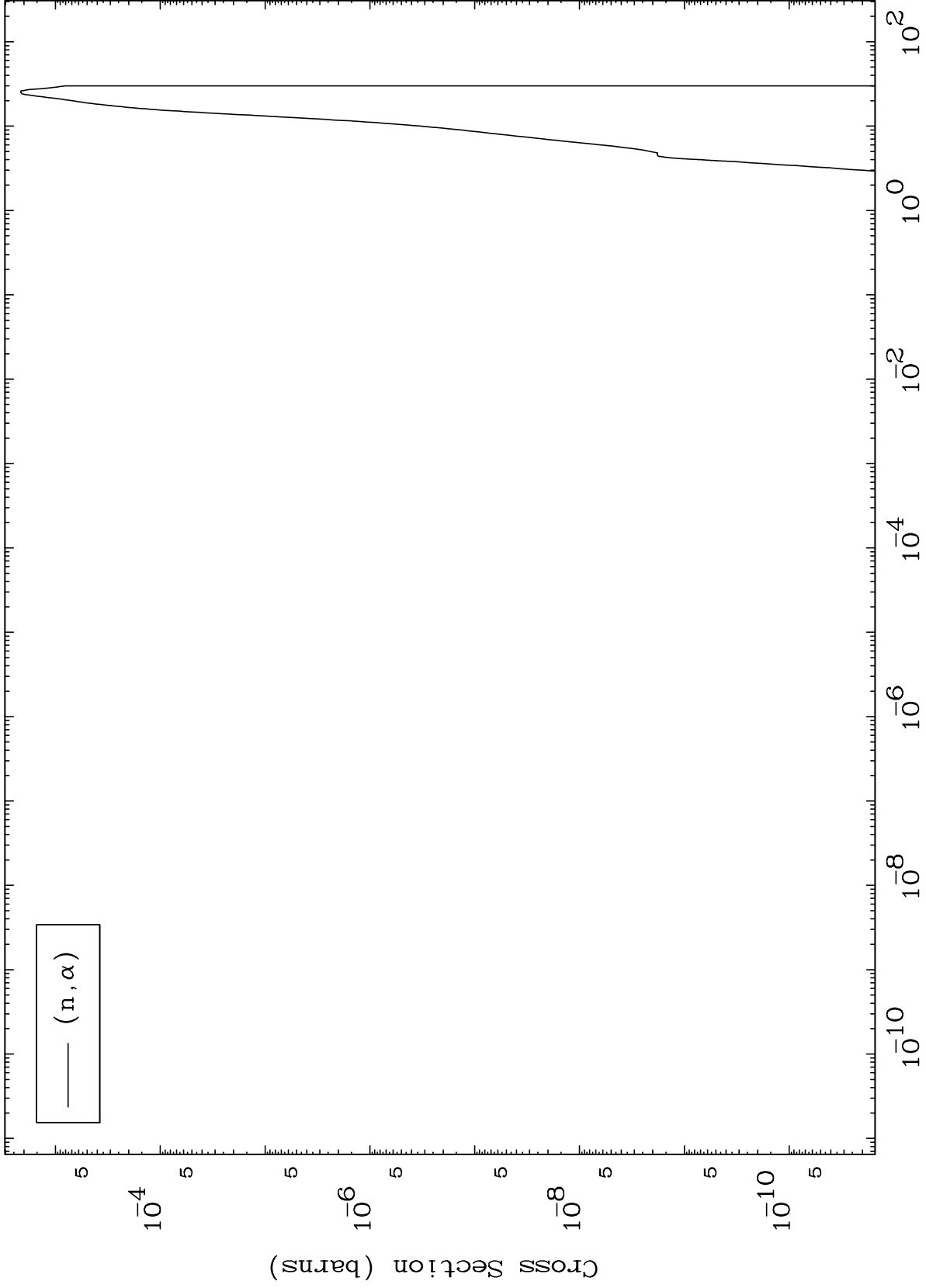
Incident Energy (MeV)

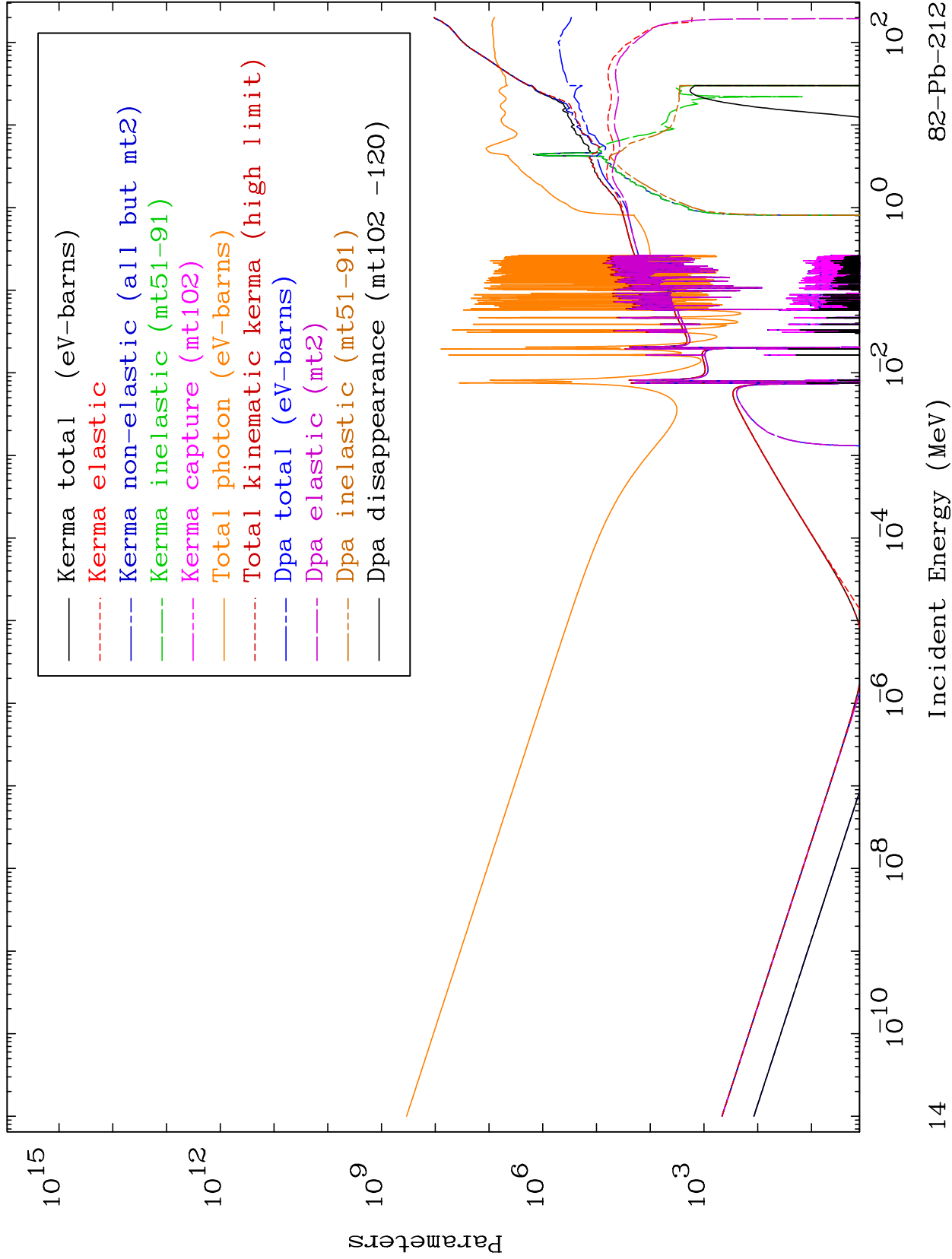
82-Pb-212

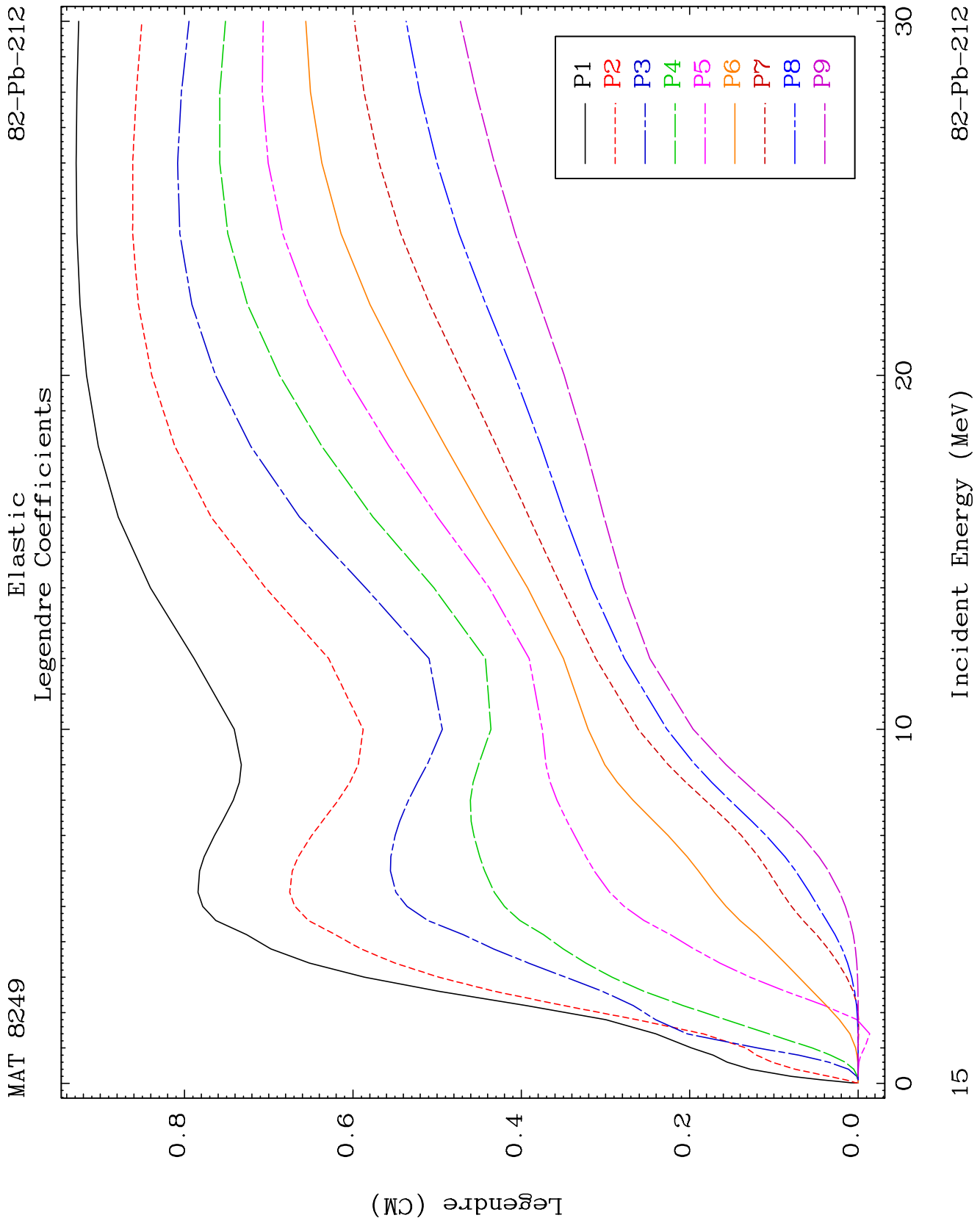
MAT 8249

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

82-Pb-212





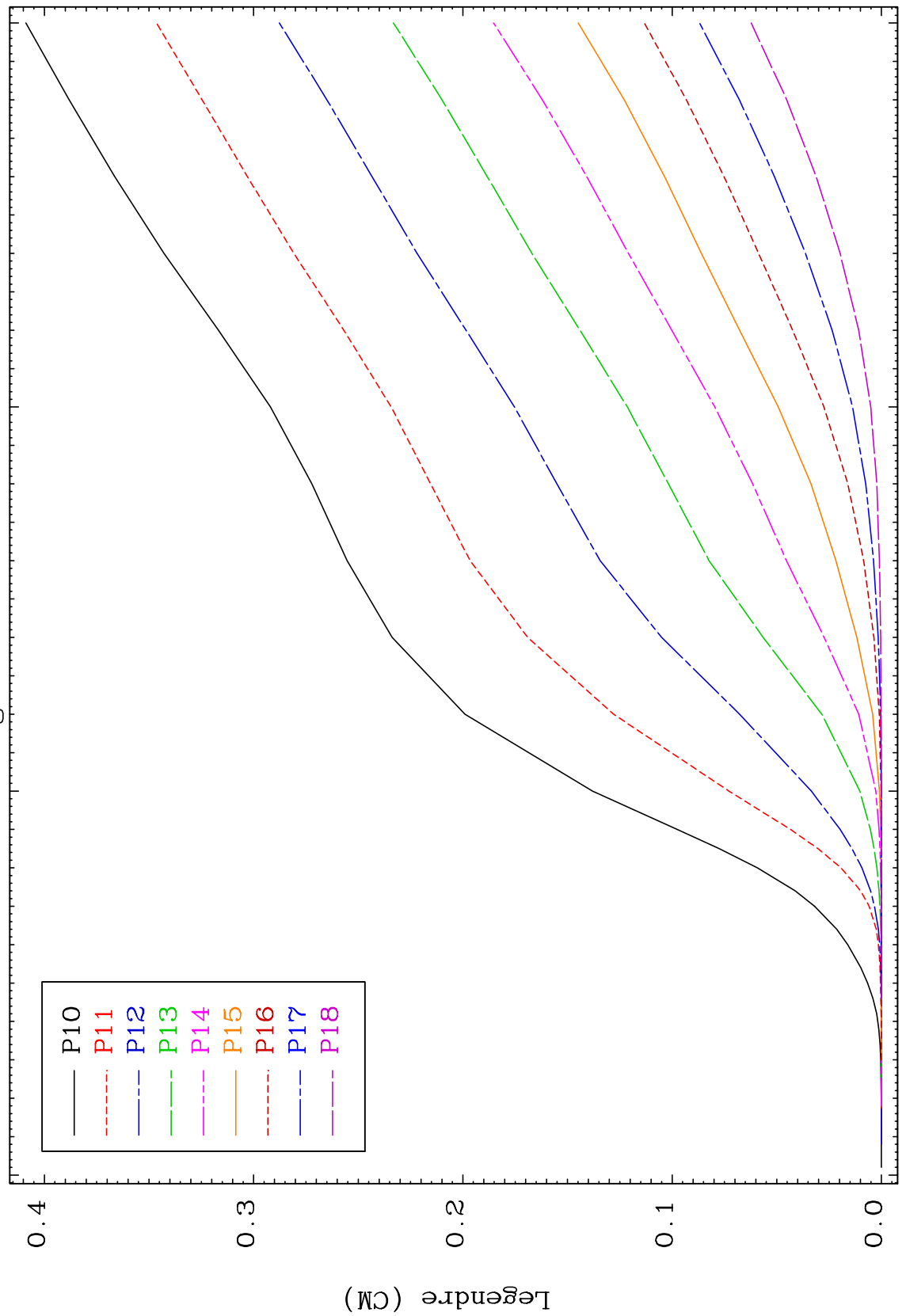




MAT 8249

Elastic Legendre Coefficients

82-Pb-212



16

Incident Energy (MeV)

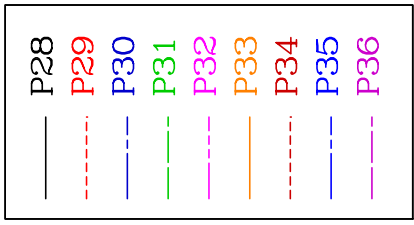
82-Pb-212



MAT 8249

Elastic Legendre Coefficients

82-Pb-212



$\times 10^{-5}$   
1.5  
1.0

Legendre (CM)

0.5

0.0

15

20

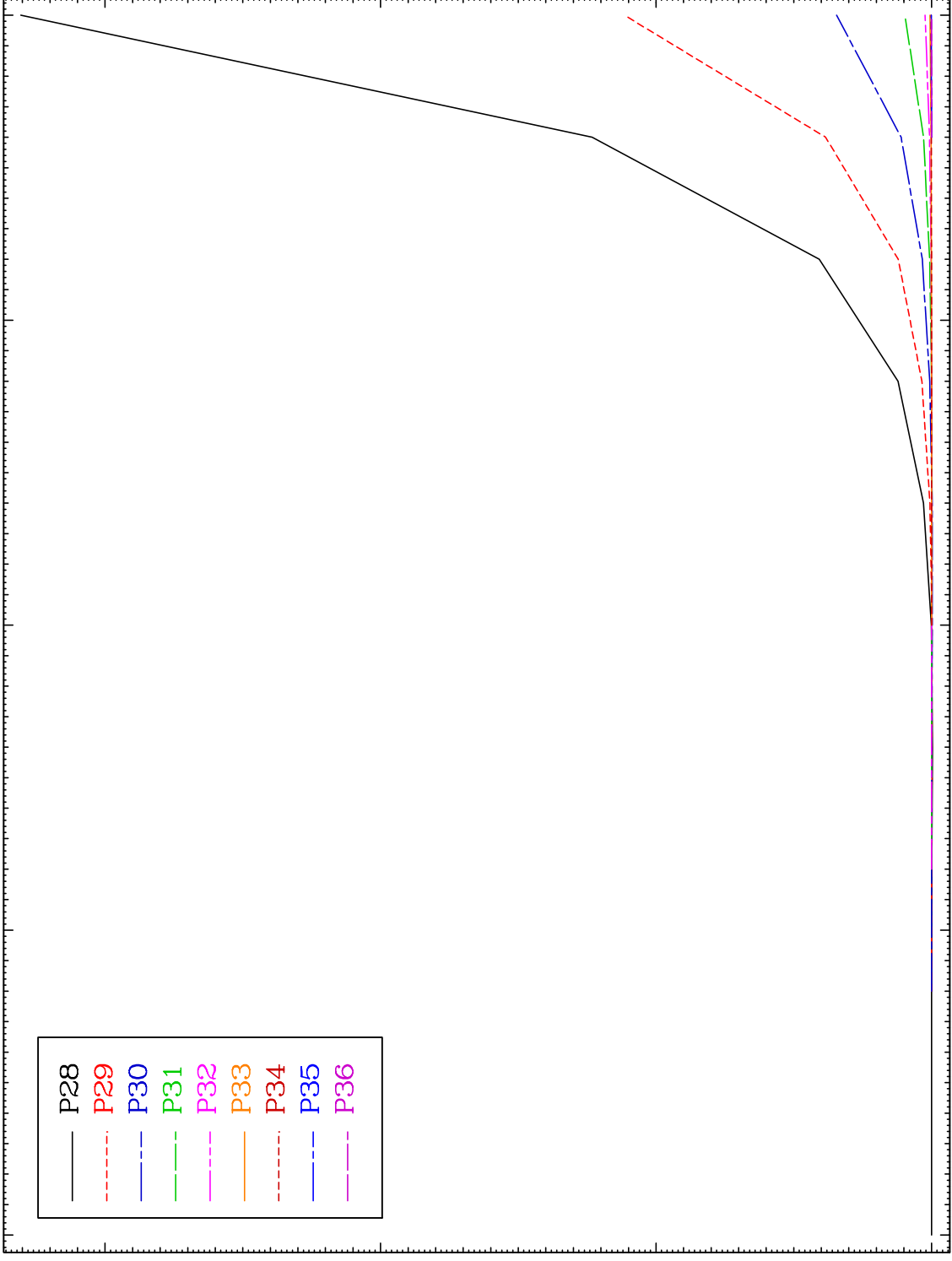
25

30

18

Incident Energy (MeV)

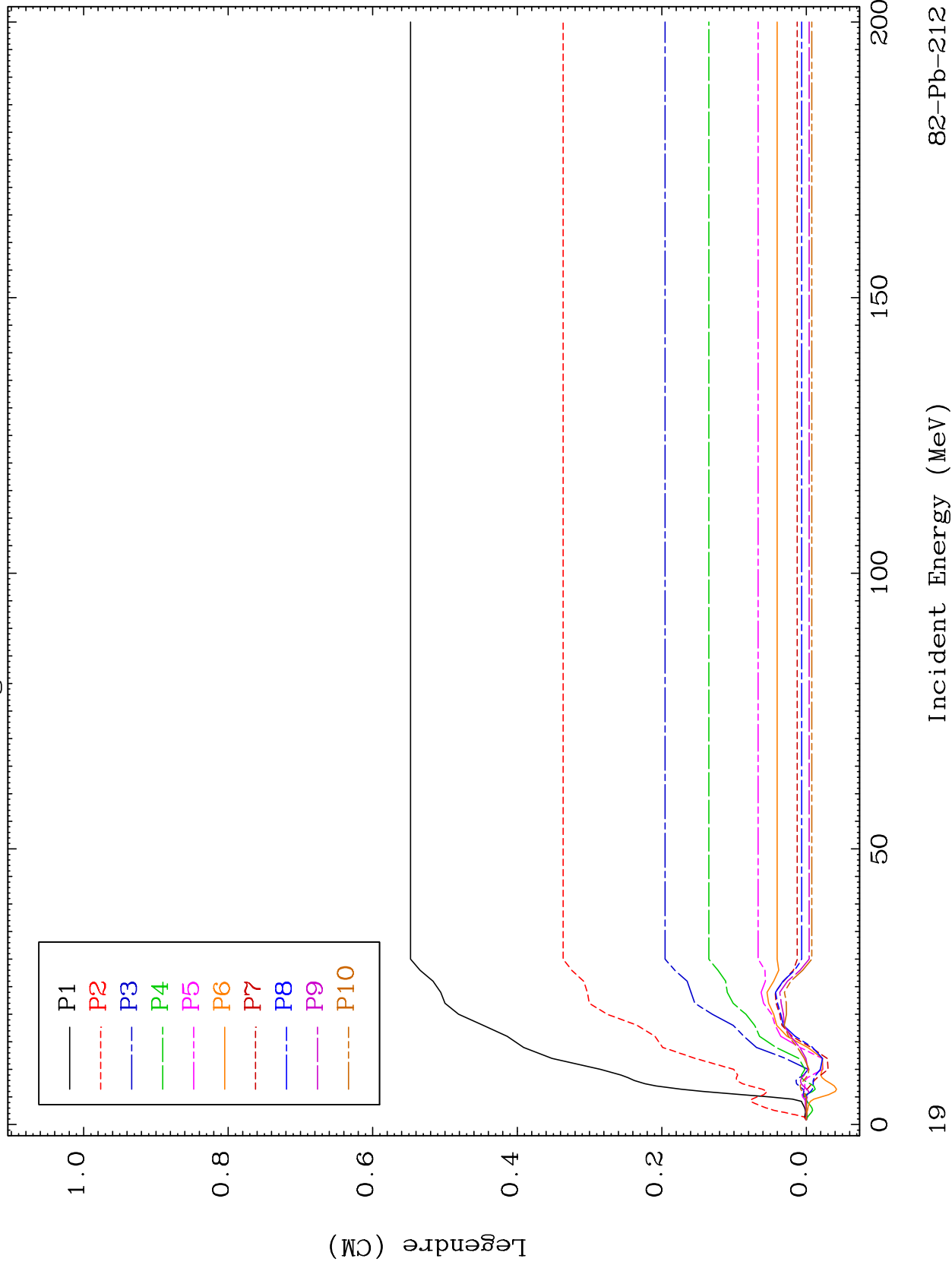
82-Pb-212



MAT 8249

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

82-Pb-212



19

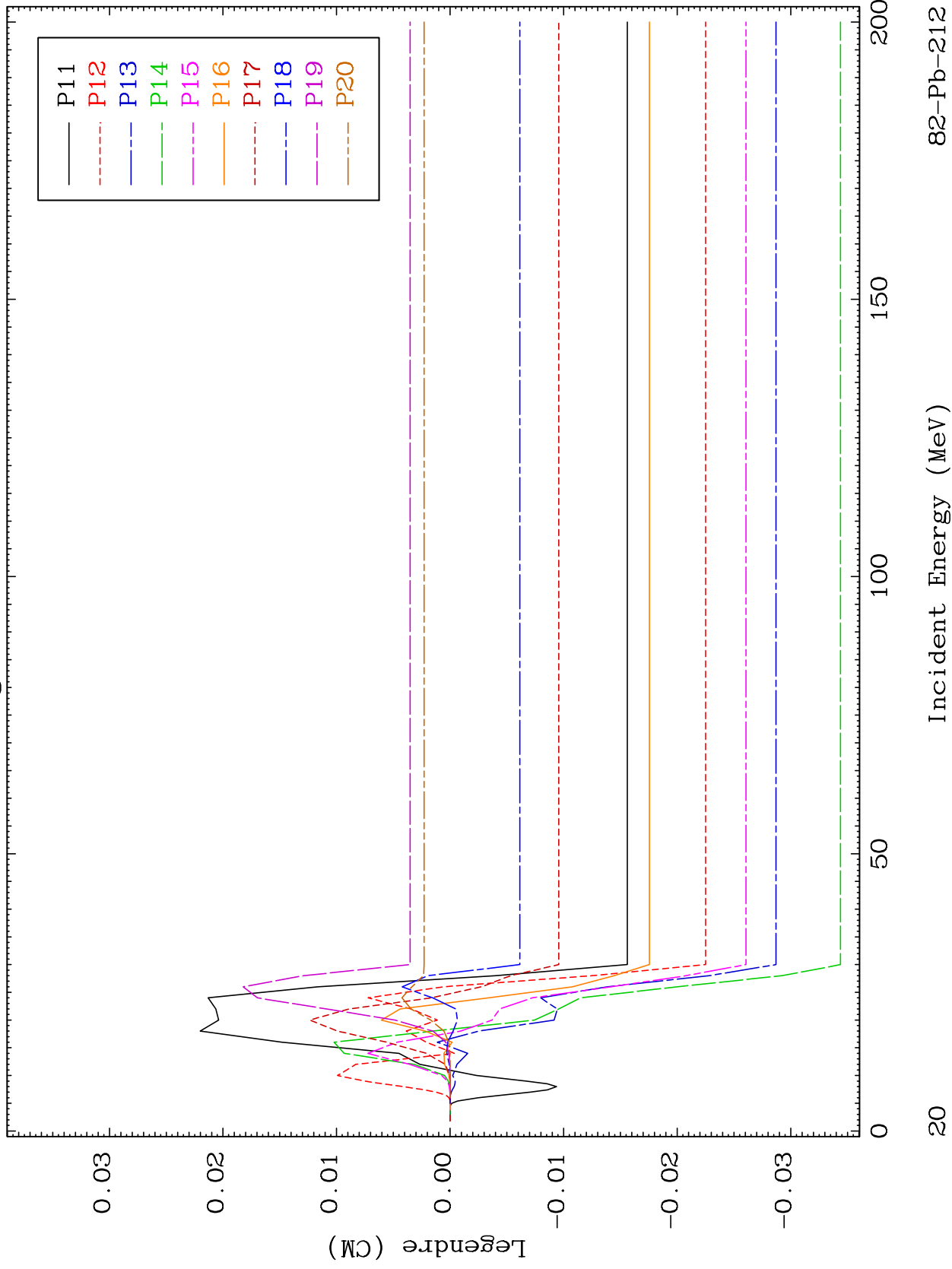
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

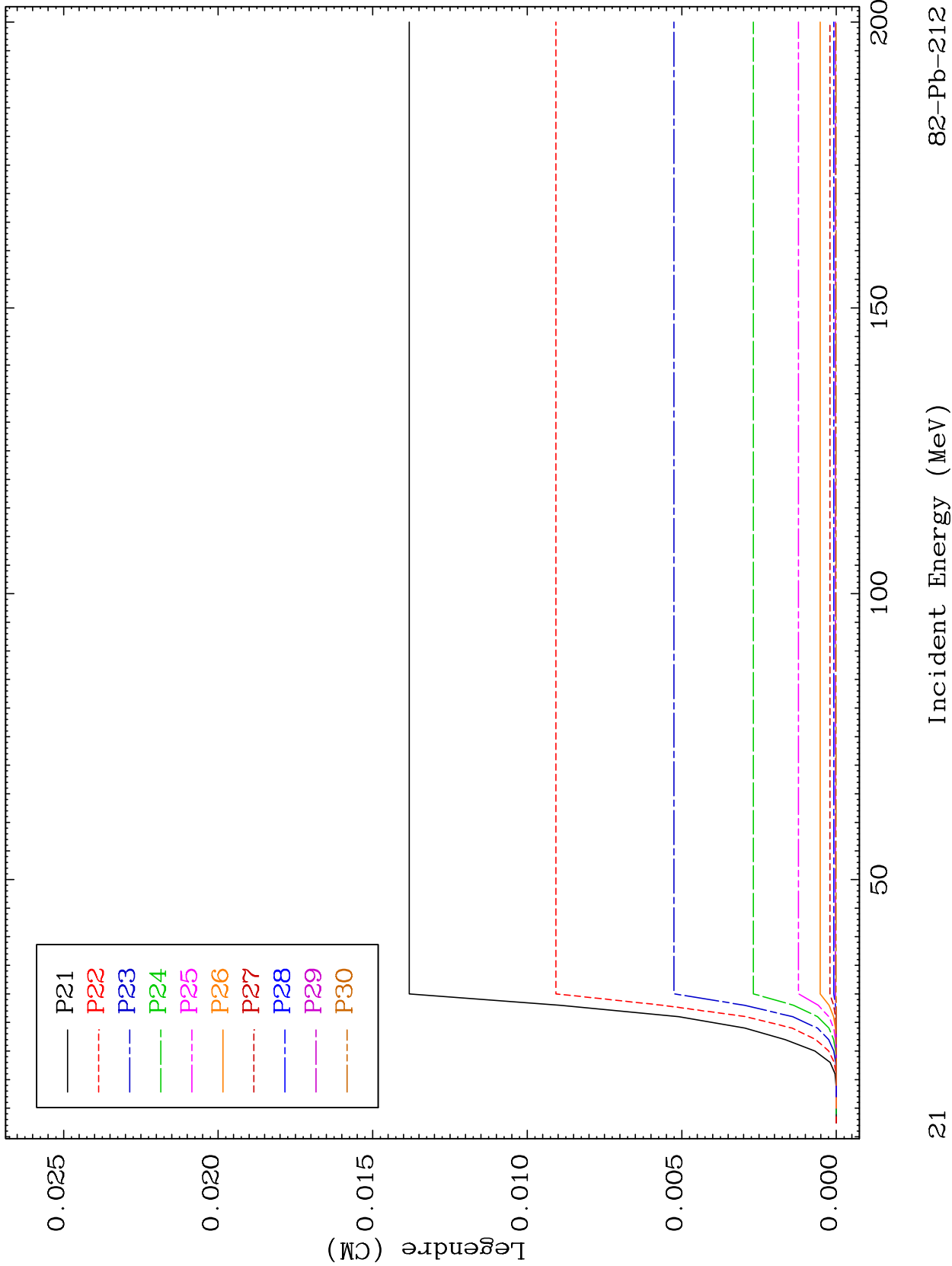
82-Pb-212



82-Pb-212

Incident Energy (MeV)

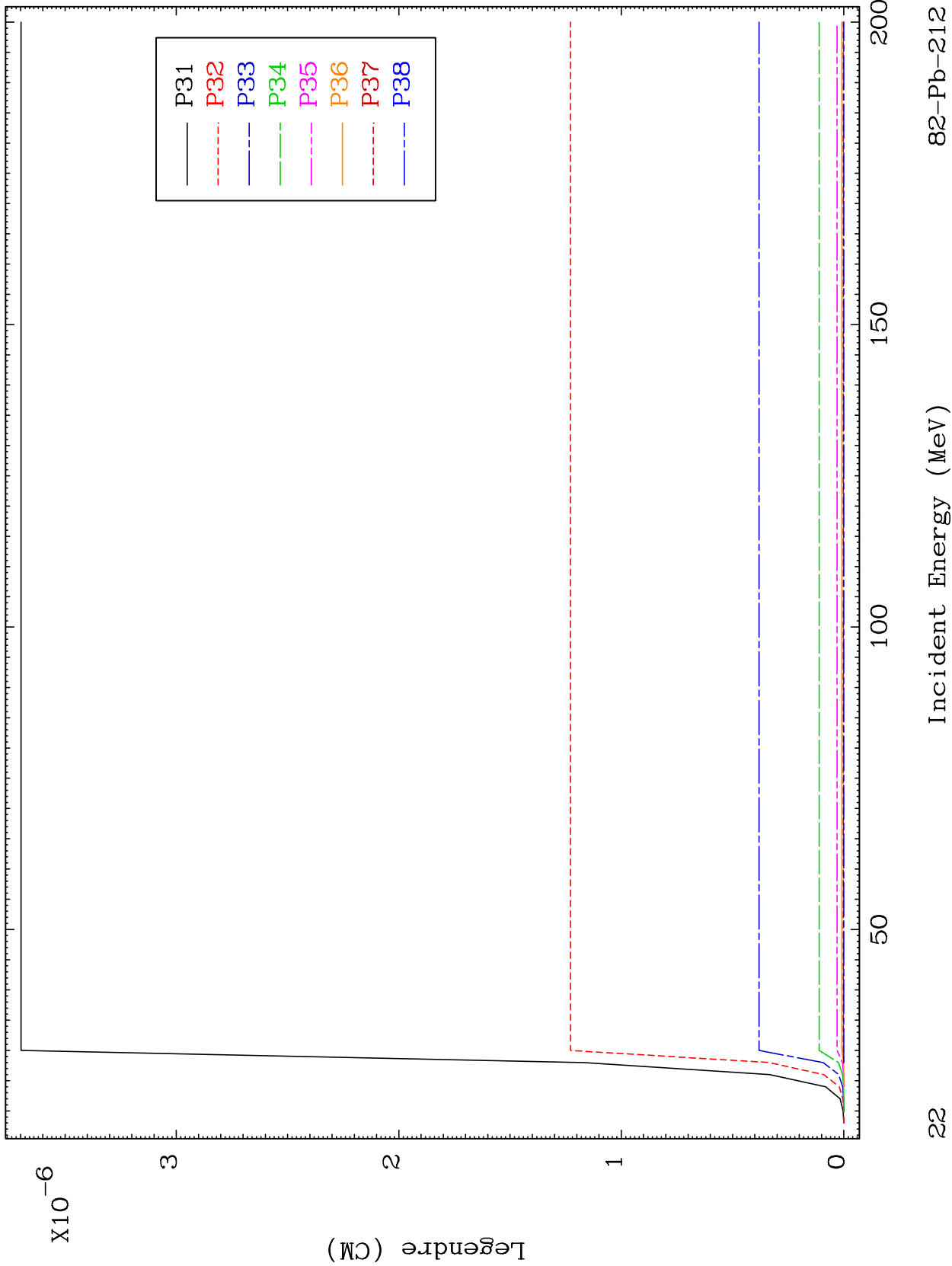
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MAT 8249

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

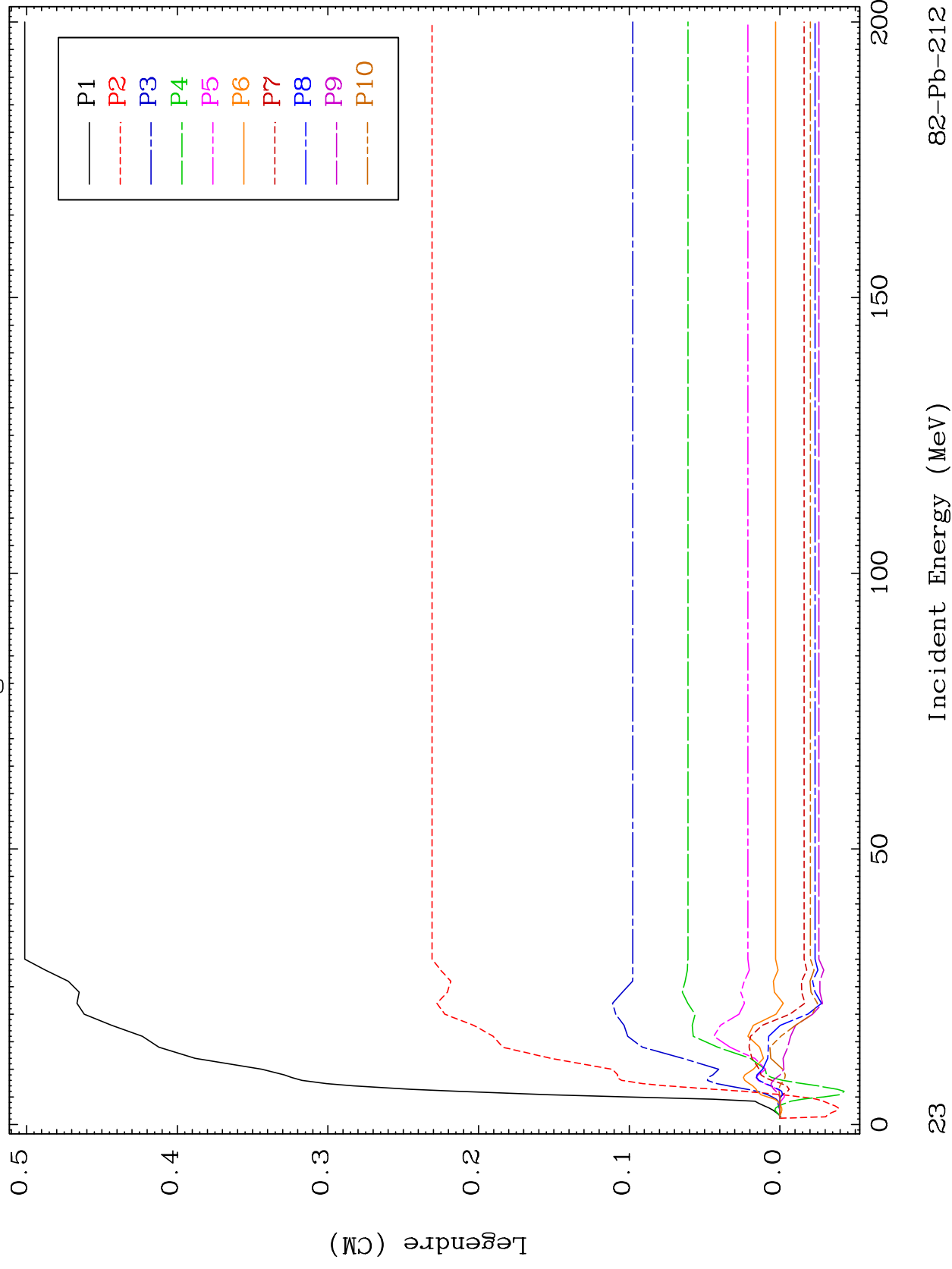
82-Pb-212



MAT 8249

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

82-Pb-212



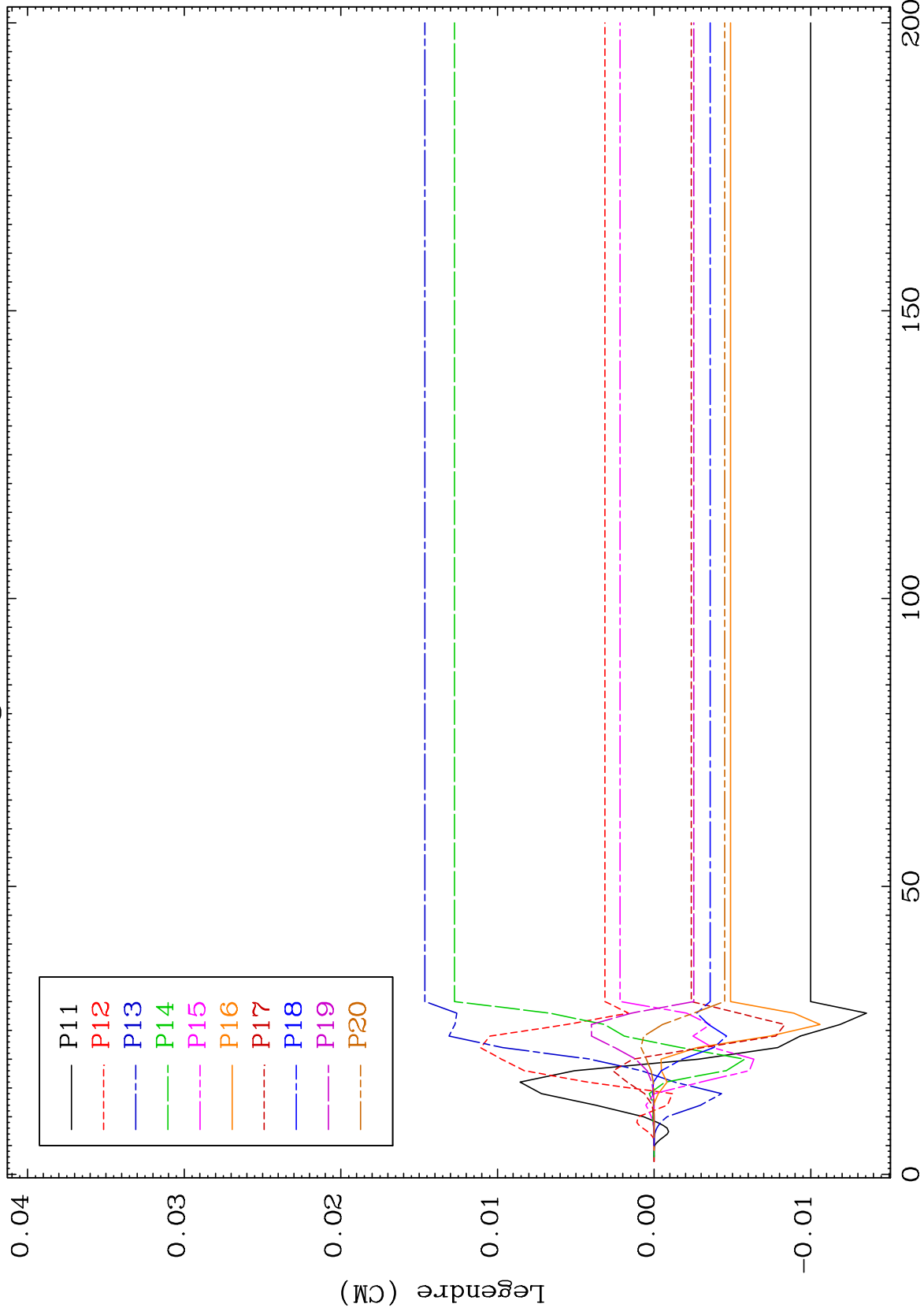
23



MAT 8249

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

82-Pb-212



24

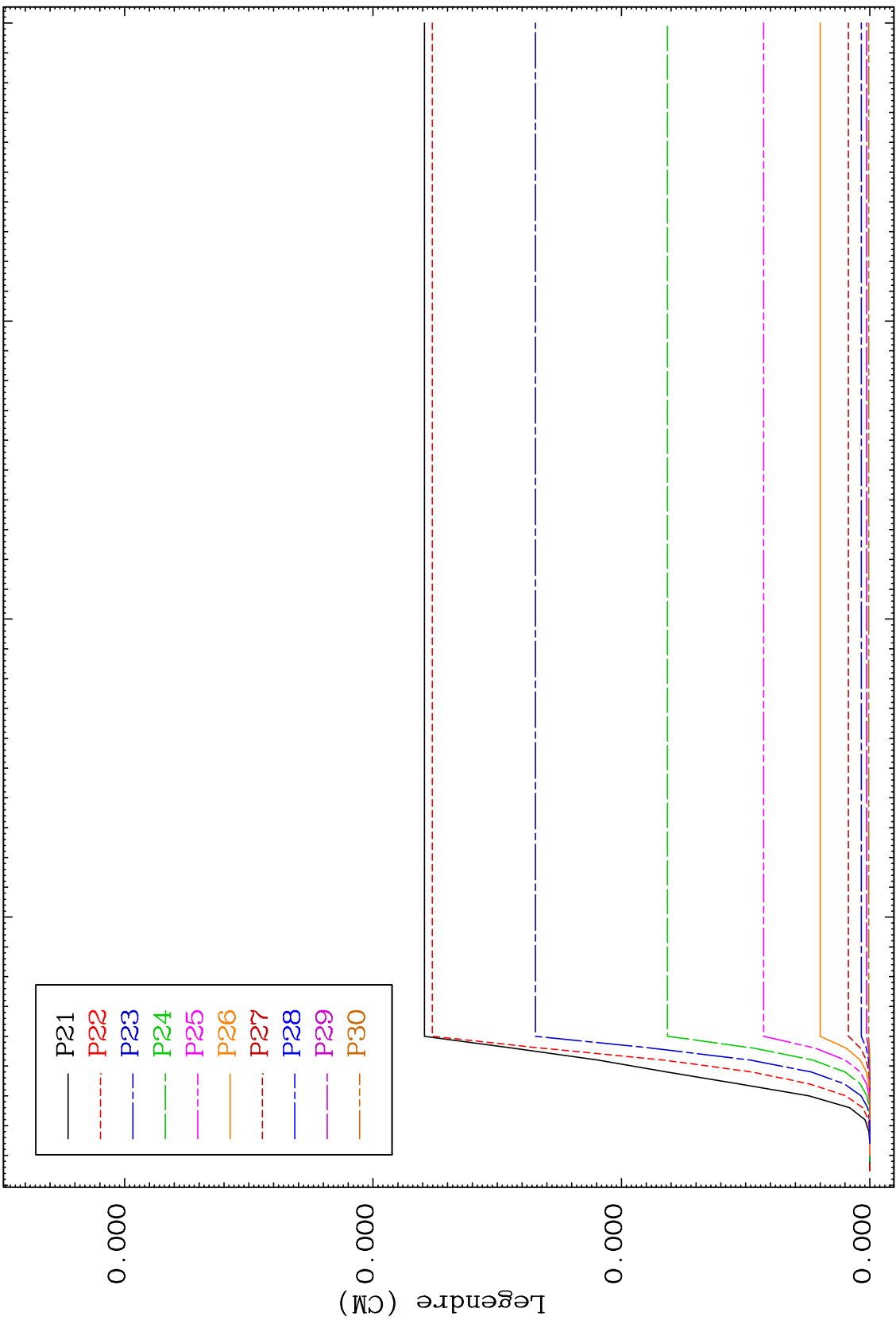
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



25

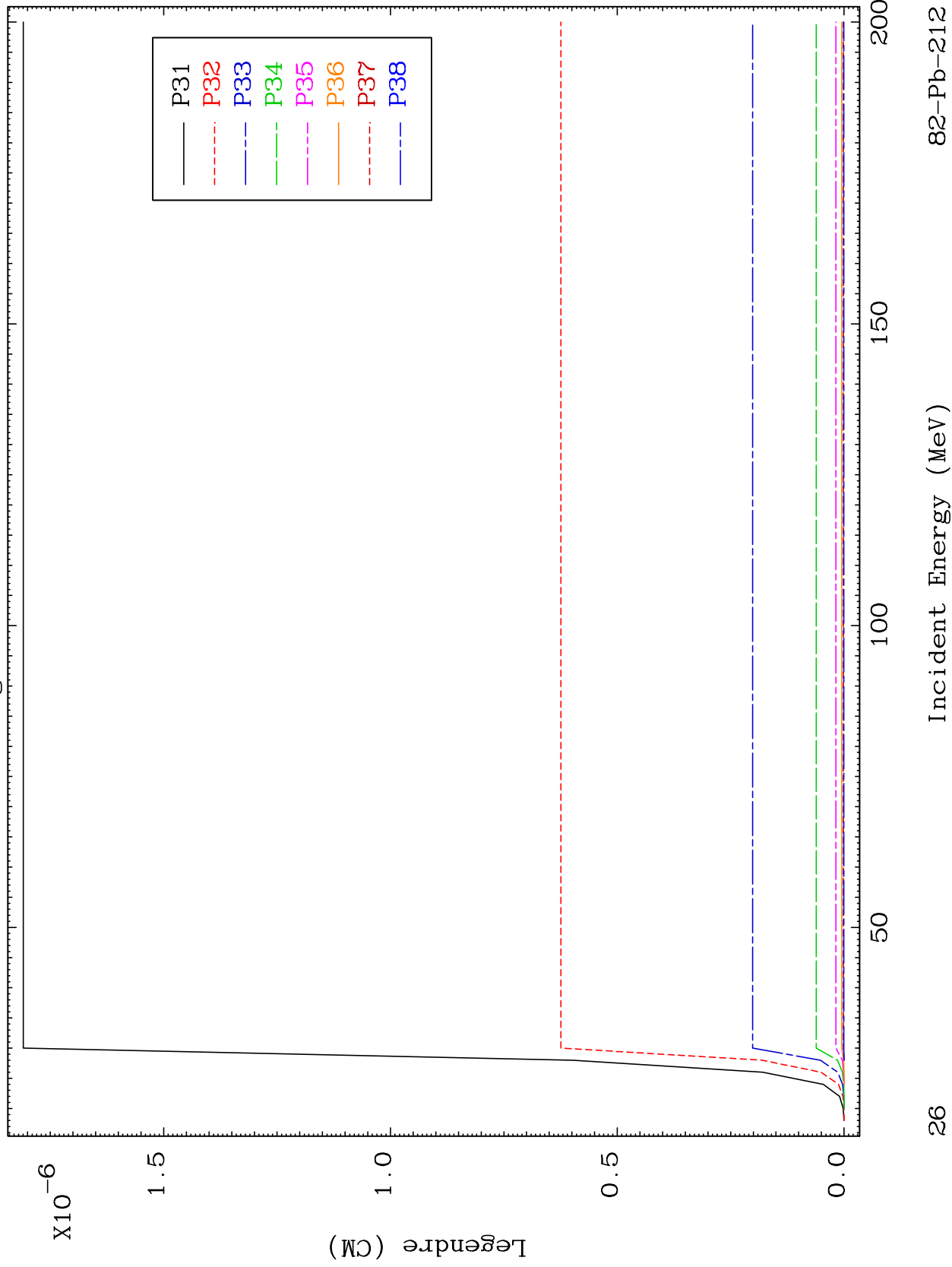
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



26

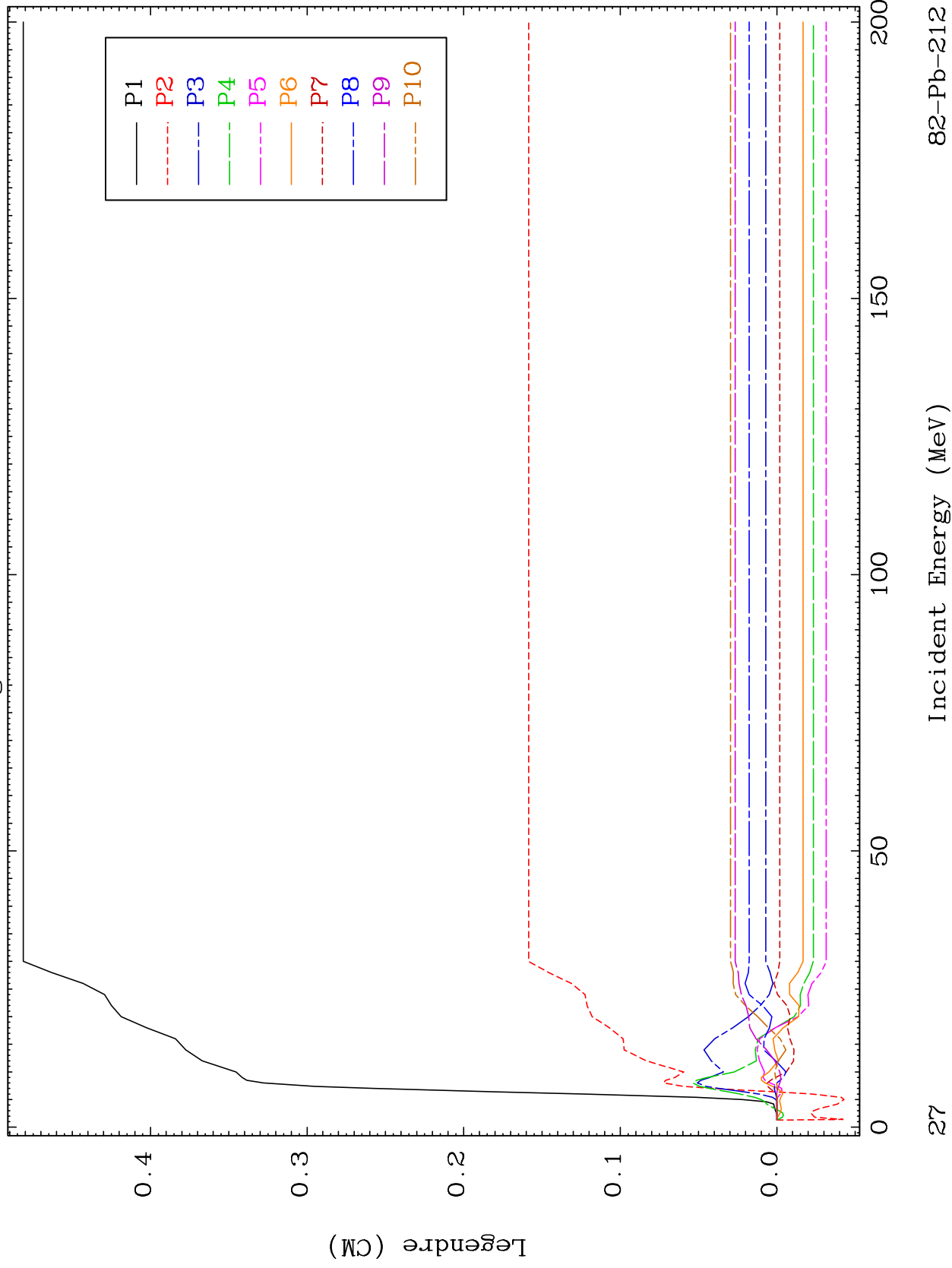
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



82-Pb-212

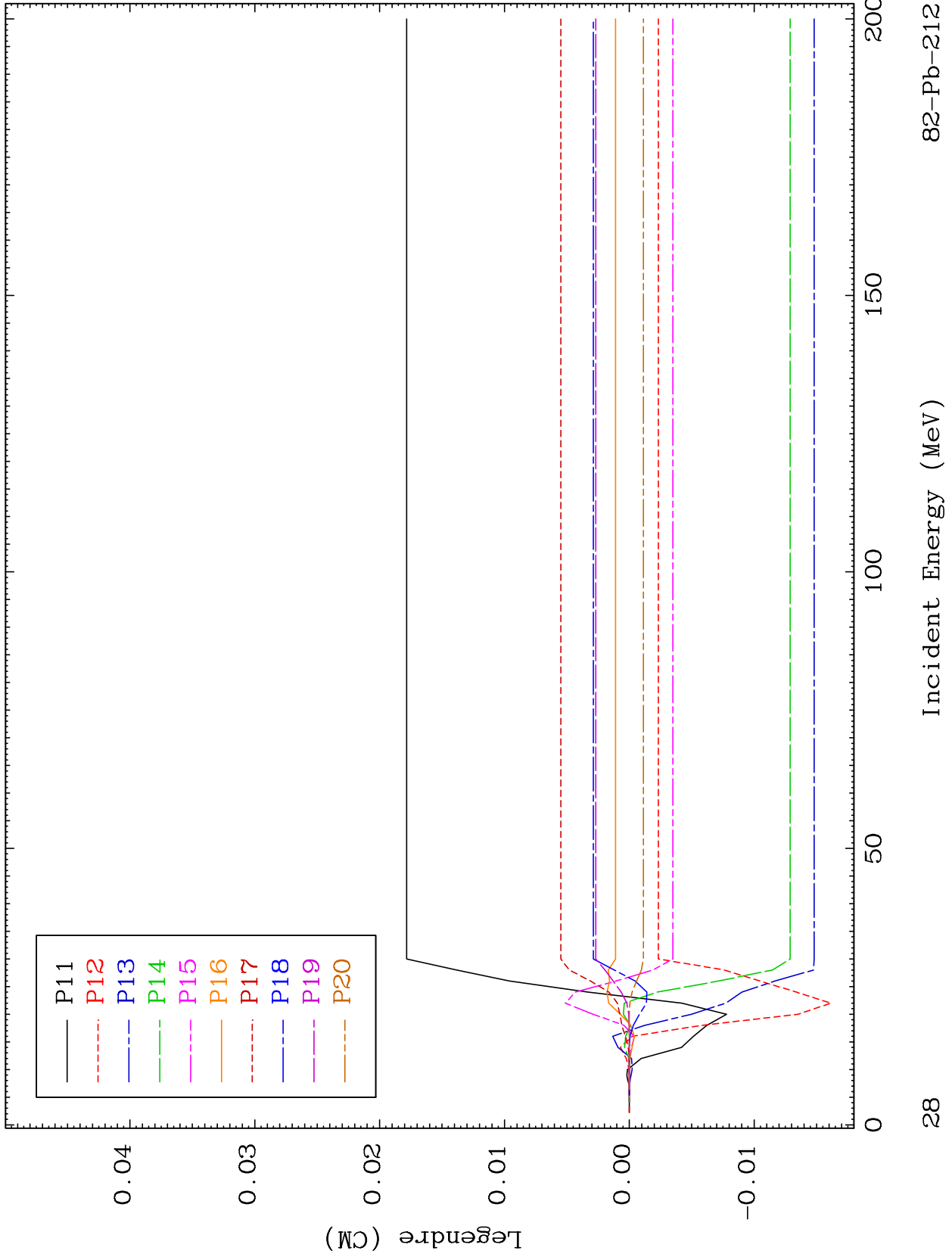
Incident Energy (MeV)

27

MAT 8249

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

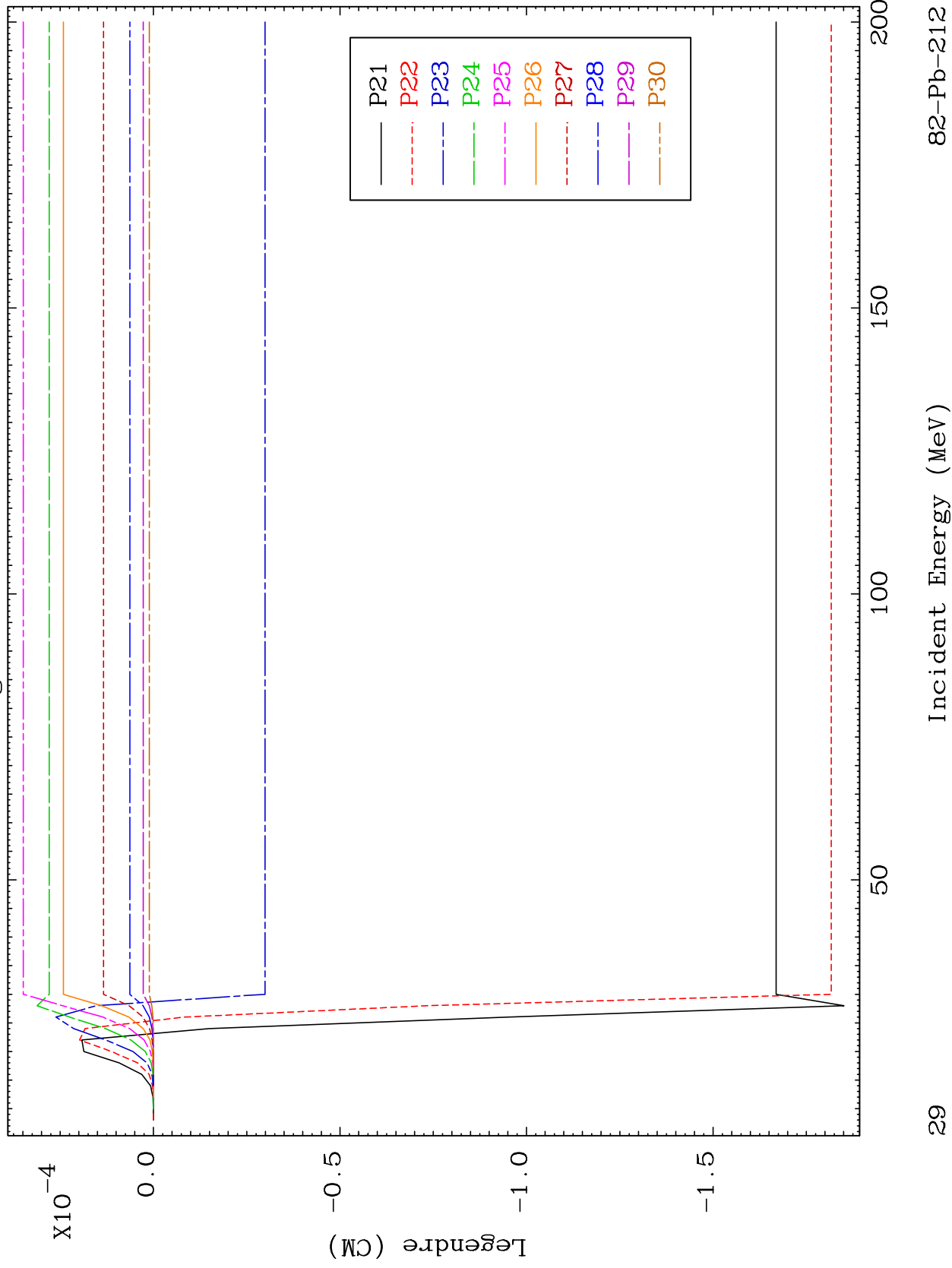
82-Pb-212



MAT 8249

82-Pb-212

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



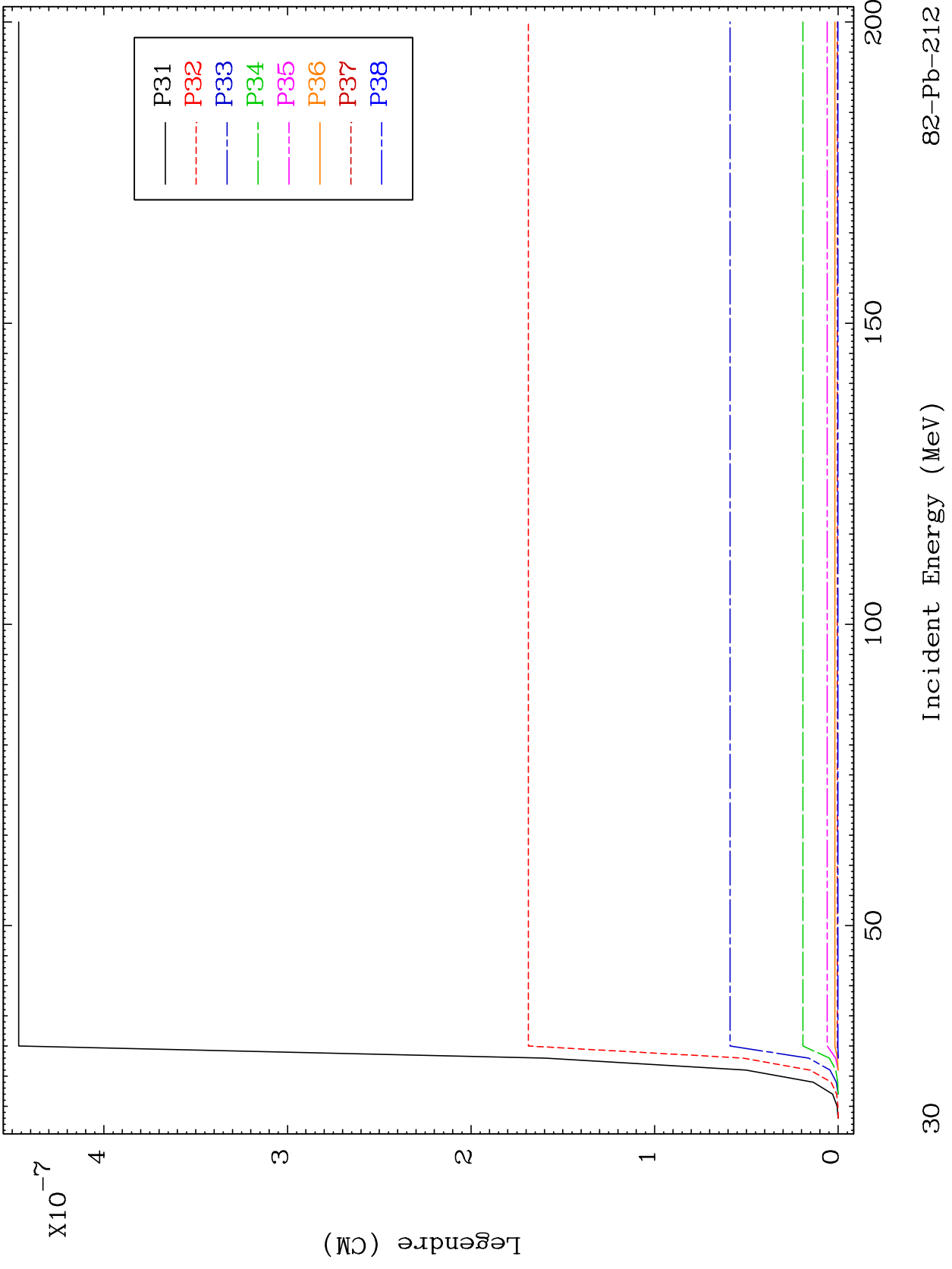
29

82-Pb-212

MAT 8249

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

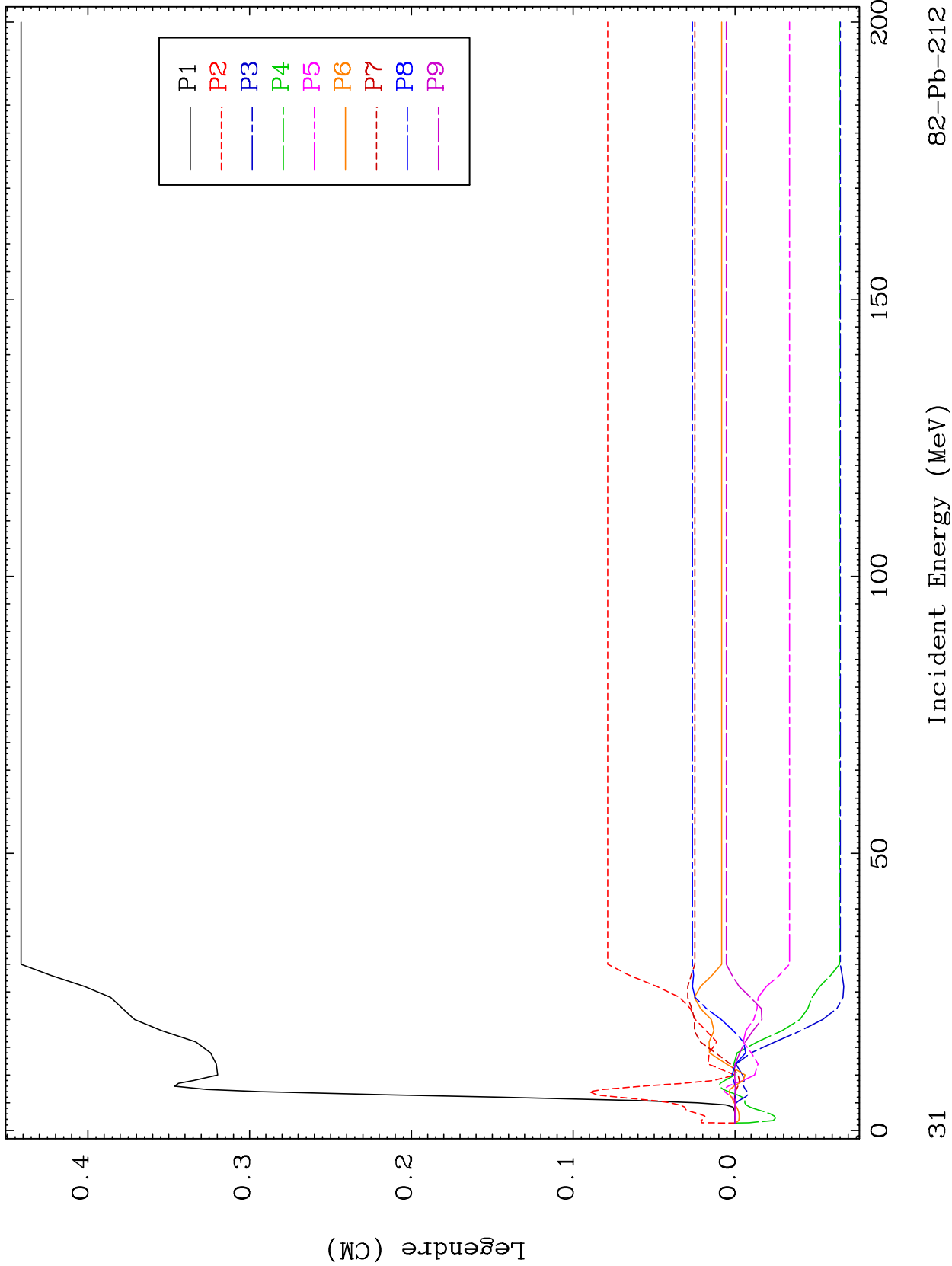
82-Pb-212



MAT 8249

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

82-Pb-212



31

Incident Energy (MeV)

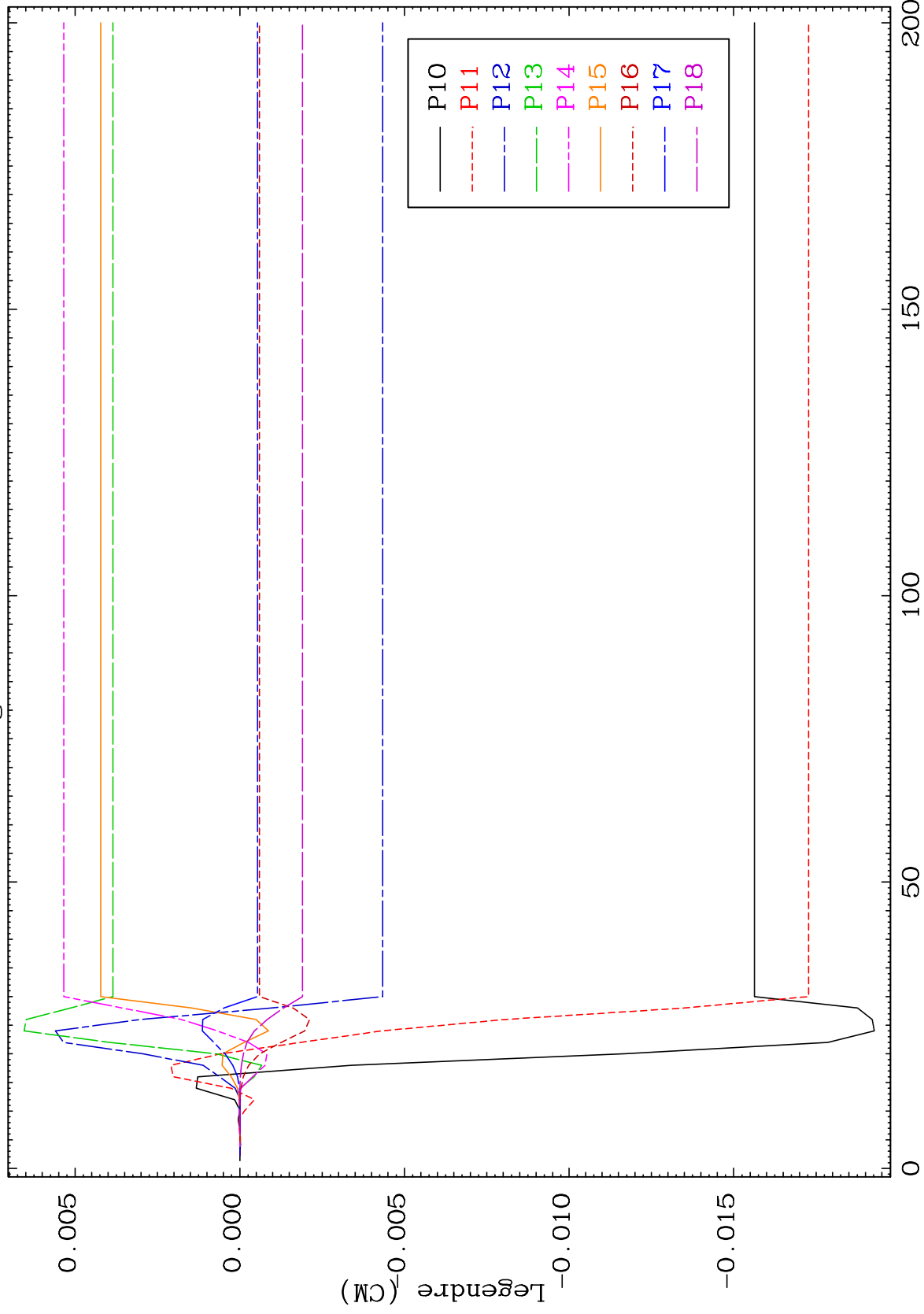
82-Pb-212



MAT 8249

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

82-Pb-212



32

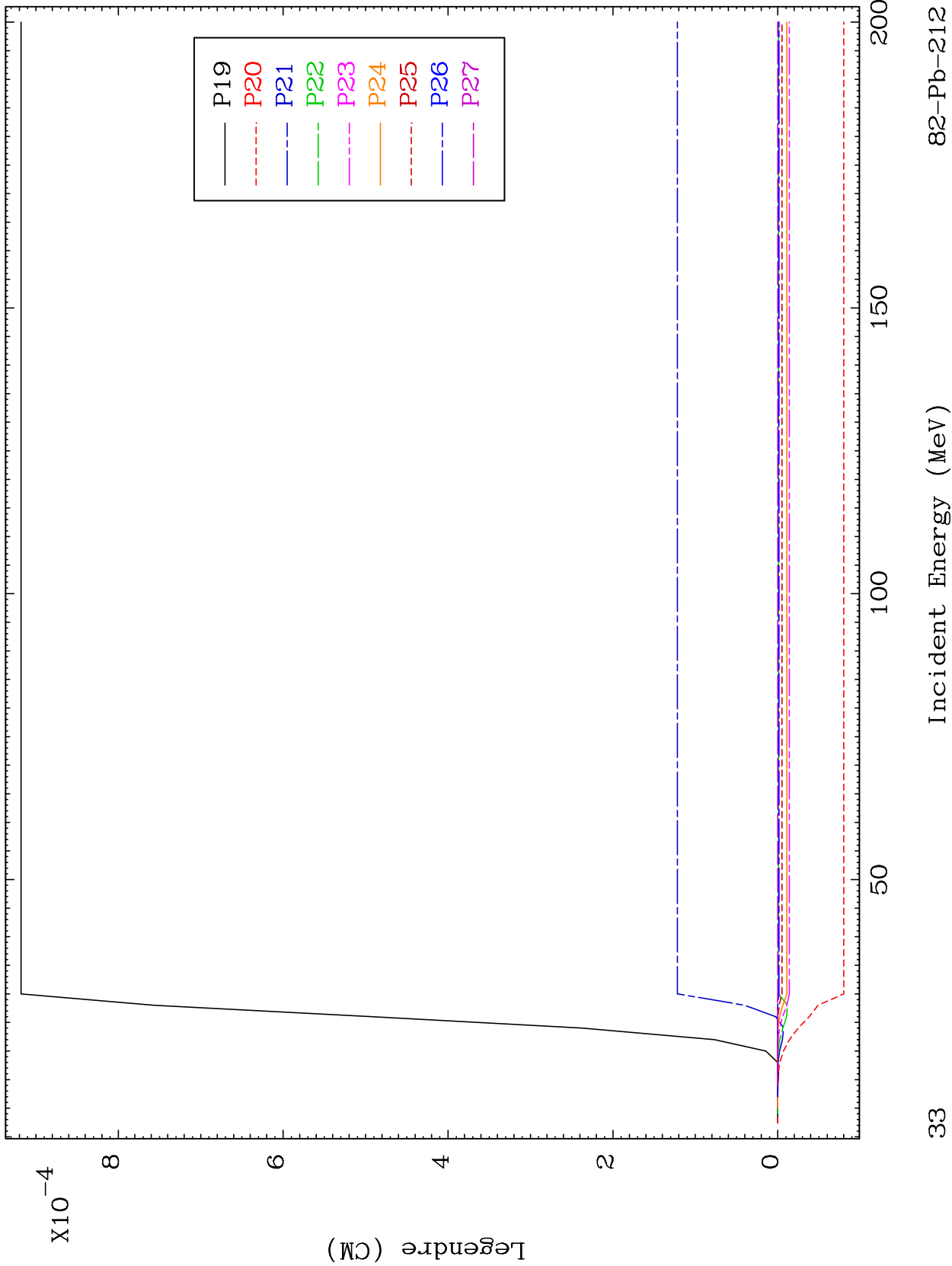
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

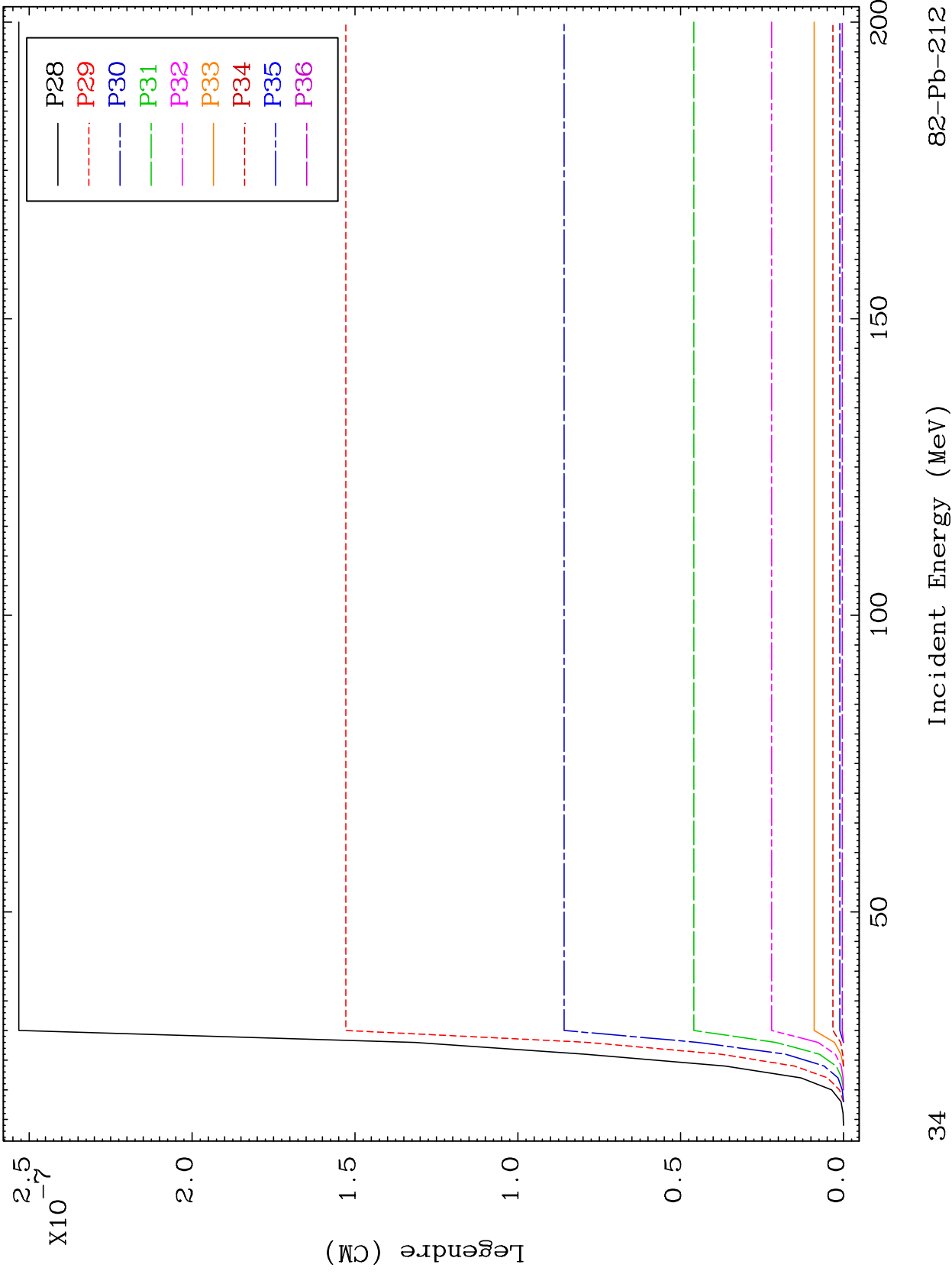
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MAT 8249

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

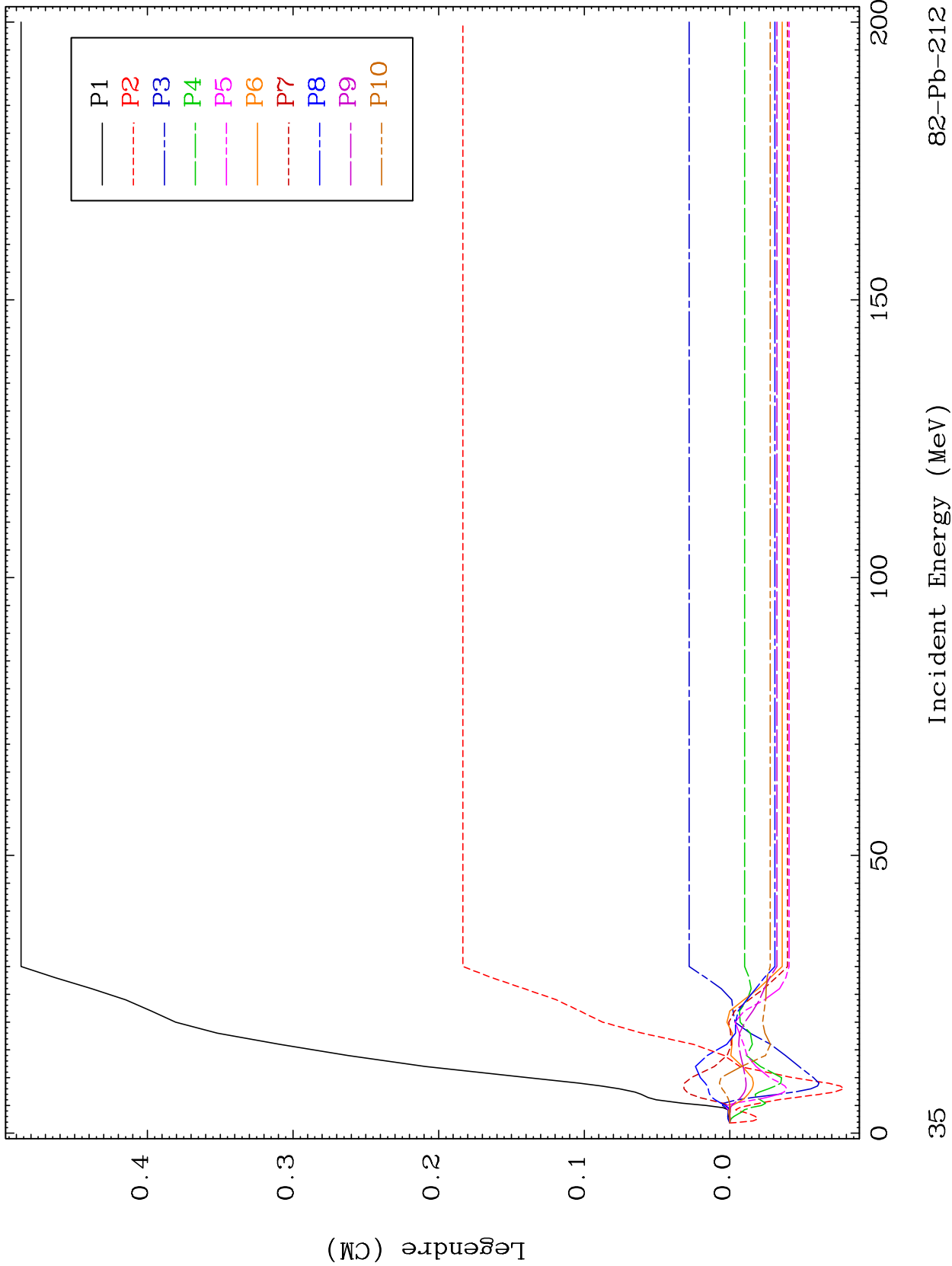
82-Pb-212



MAT 8249

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

82-Pb-212



82-Pb-212

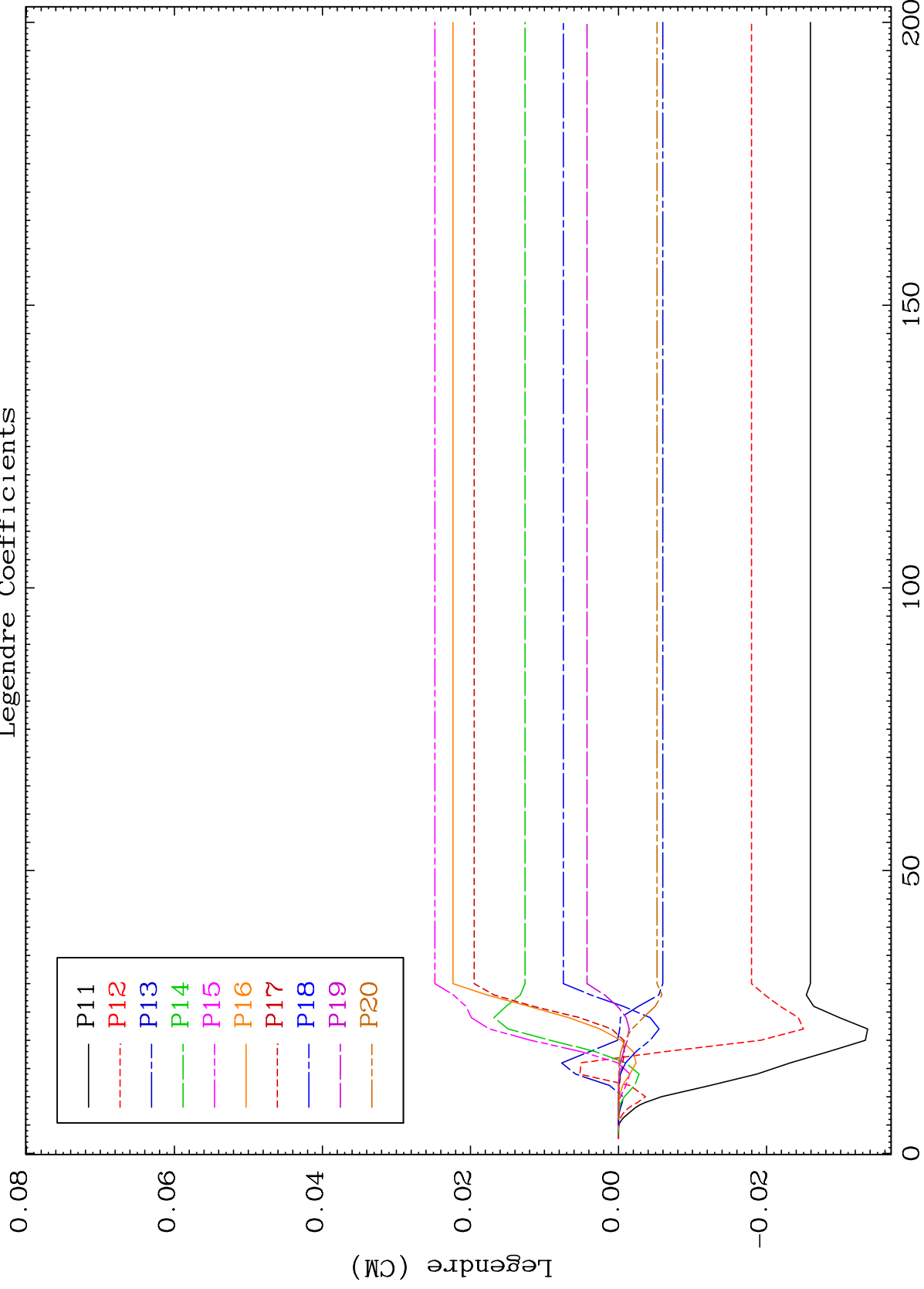
Incident Energy (MeV)

35

MAT 8249

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

82-Pb-212



36

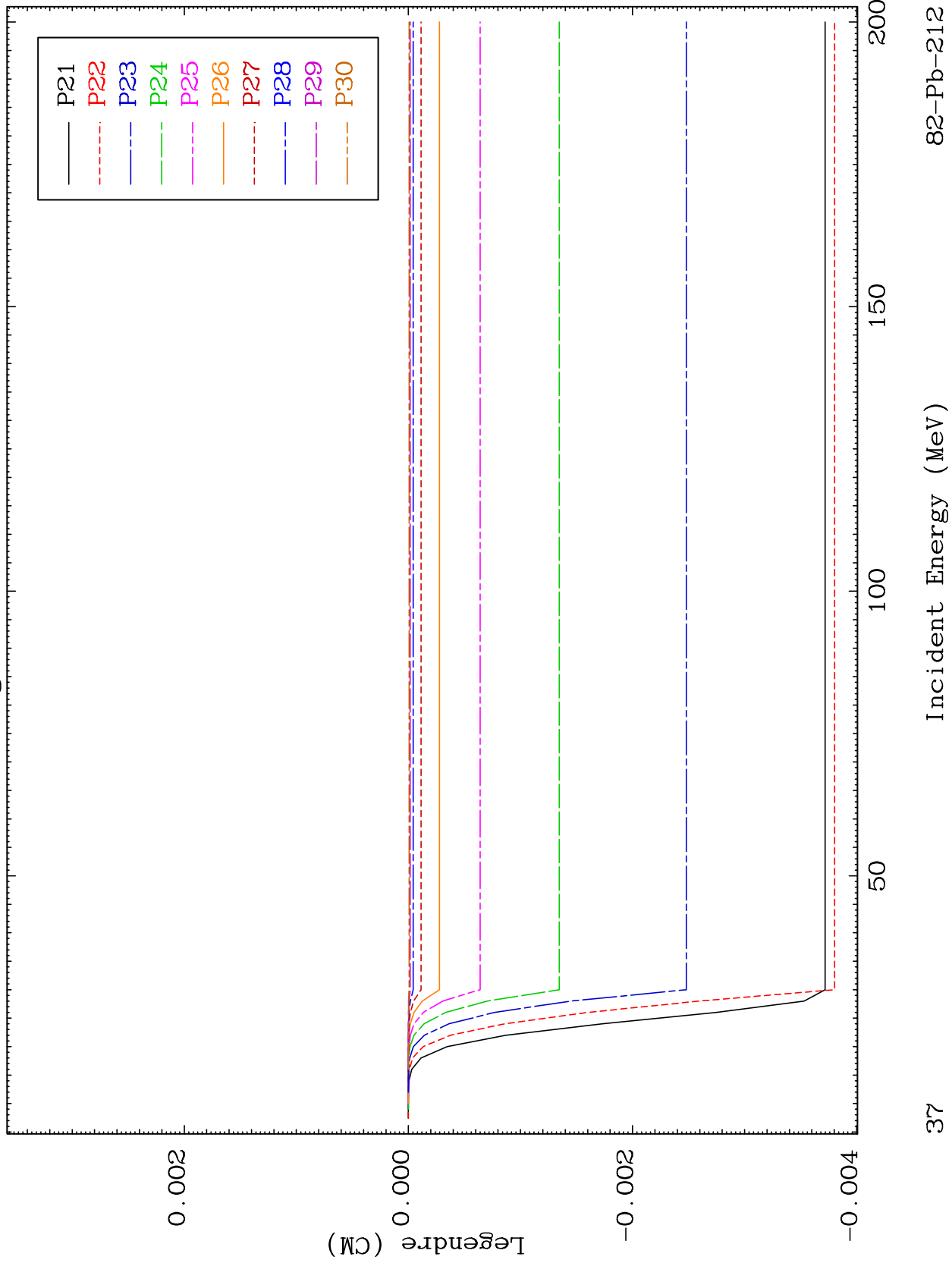
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

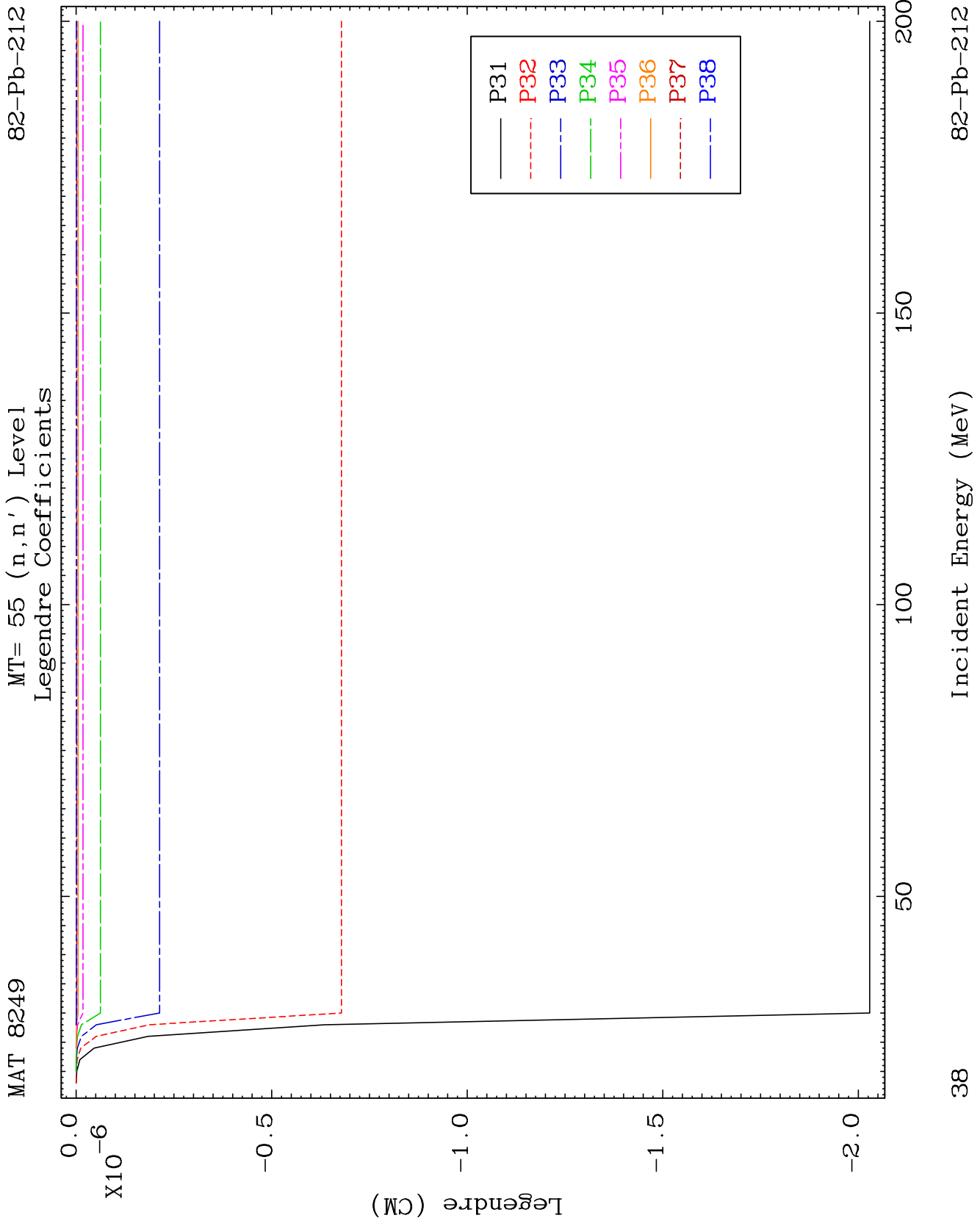
82-Pb-212



37

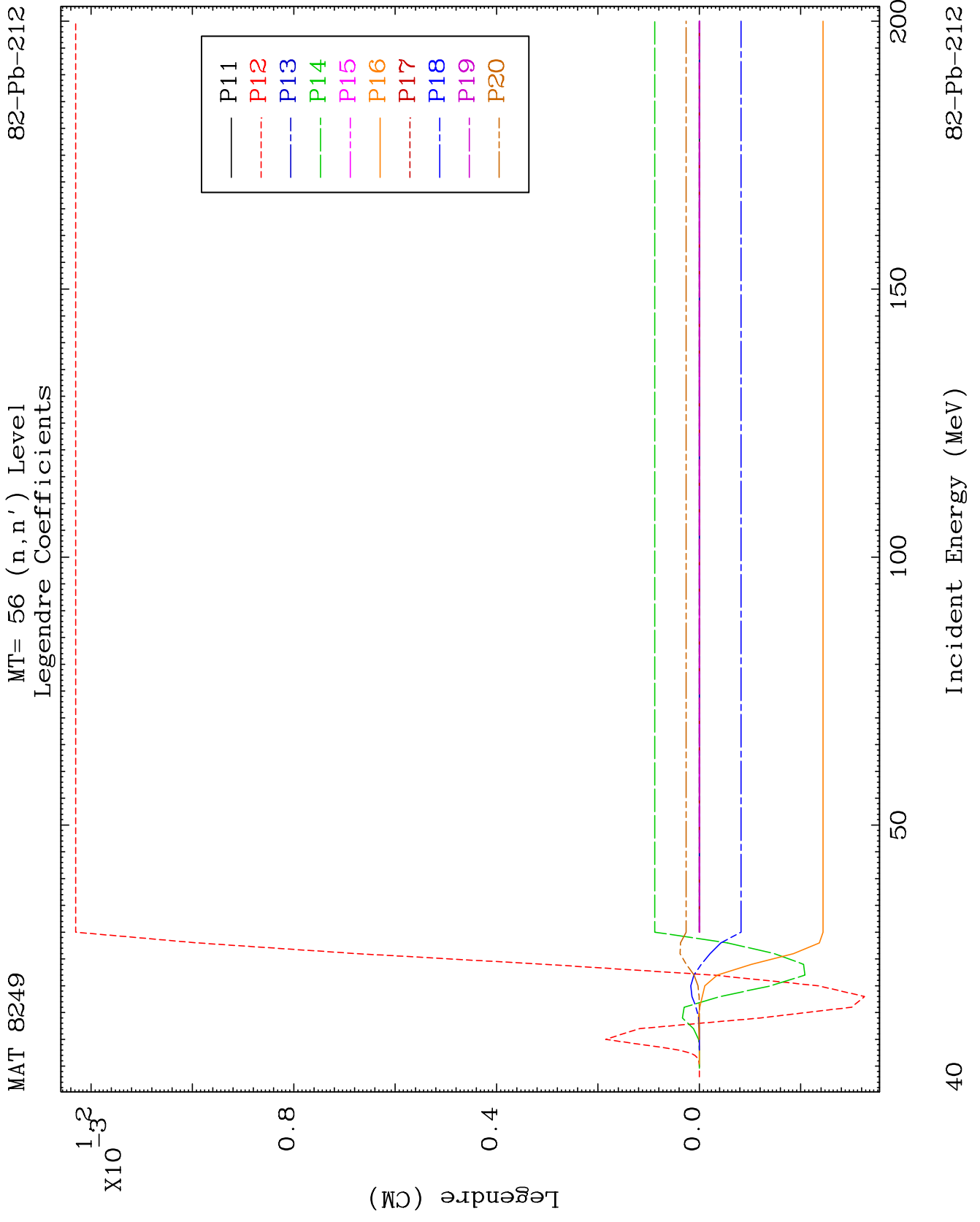
Incident Energy (MeV)

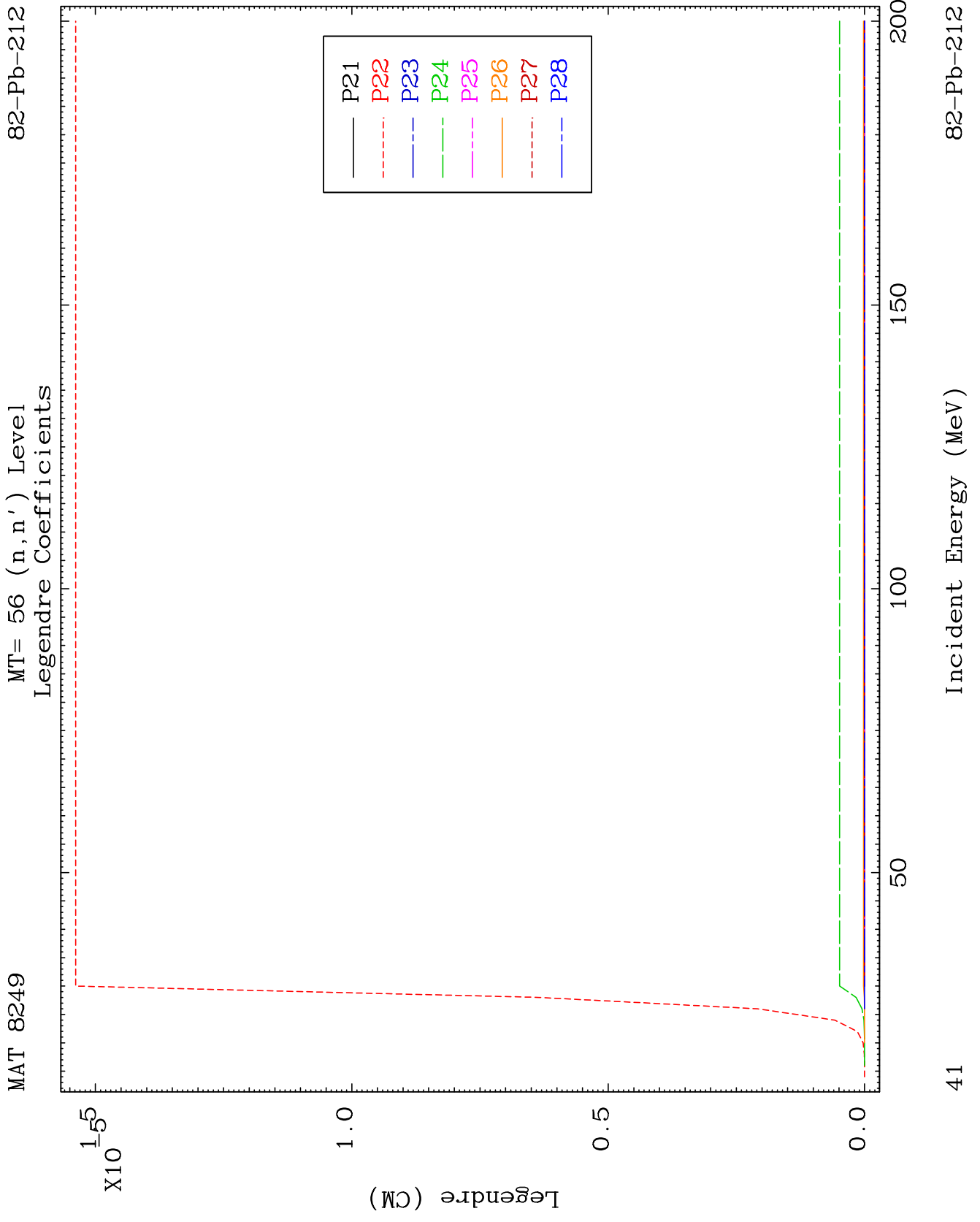
82-Pb-212







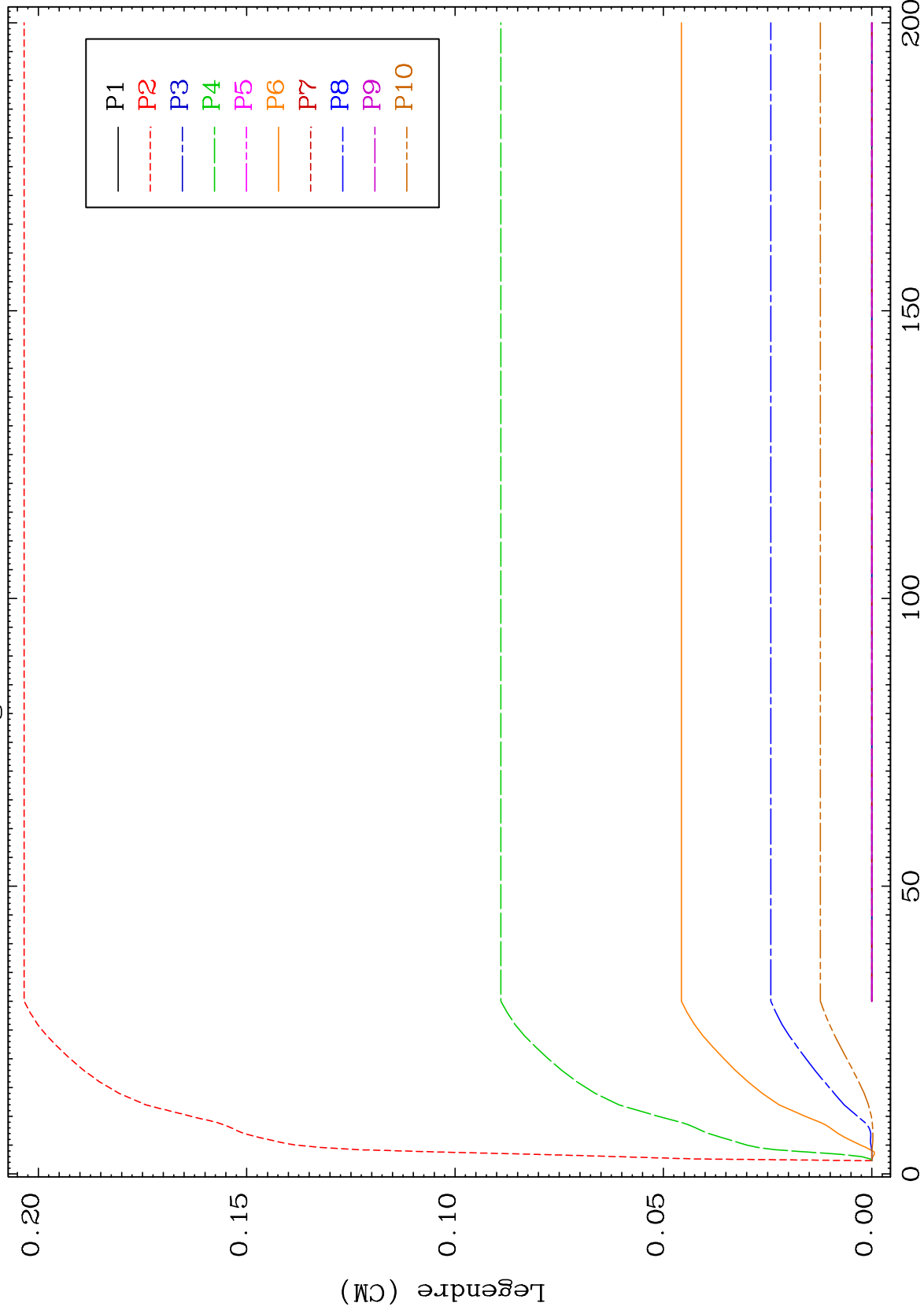




MAT 8249

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

82-Pb-212



42

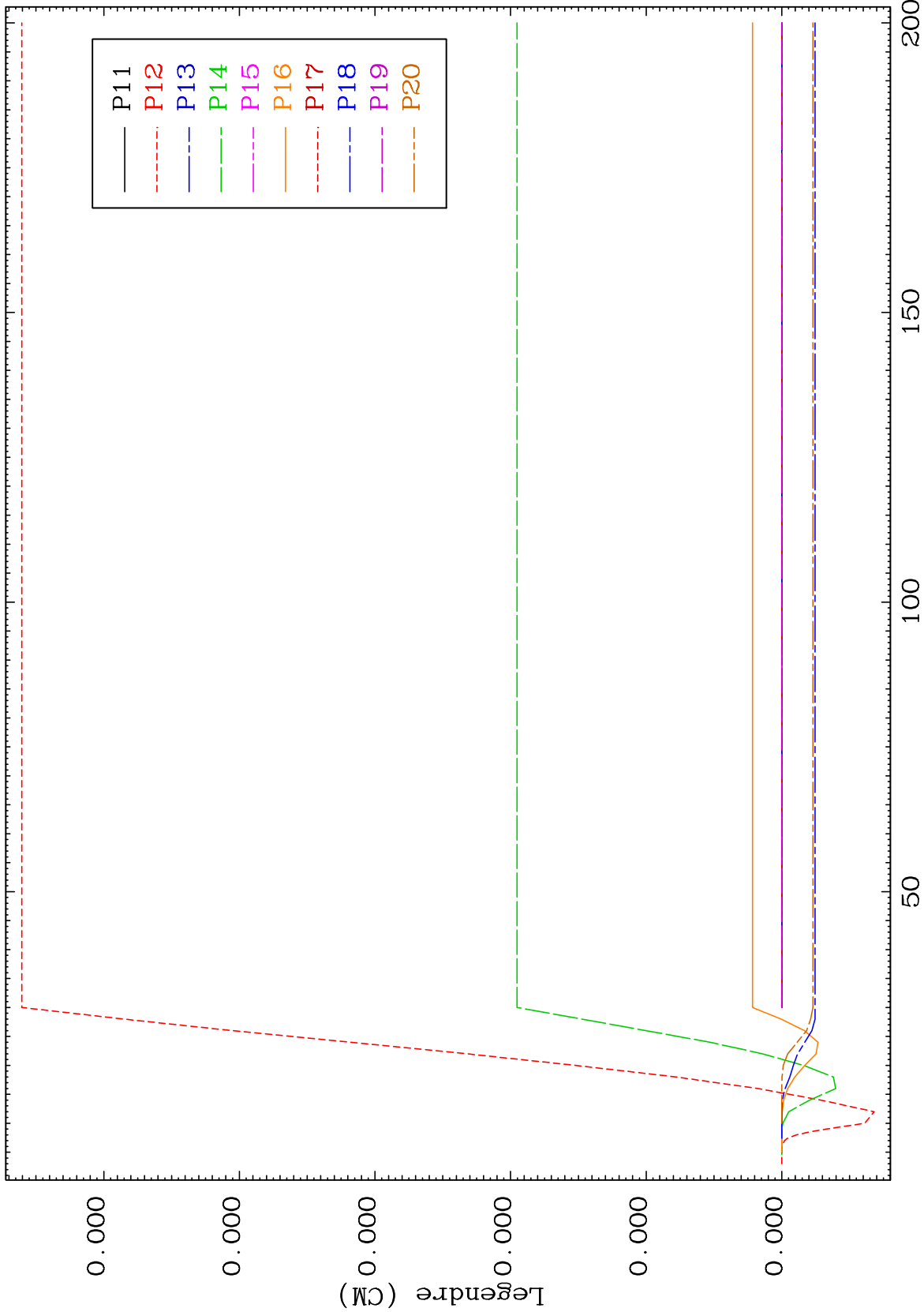
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

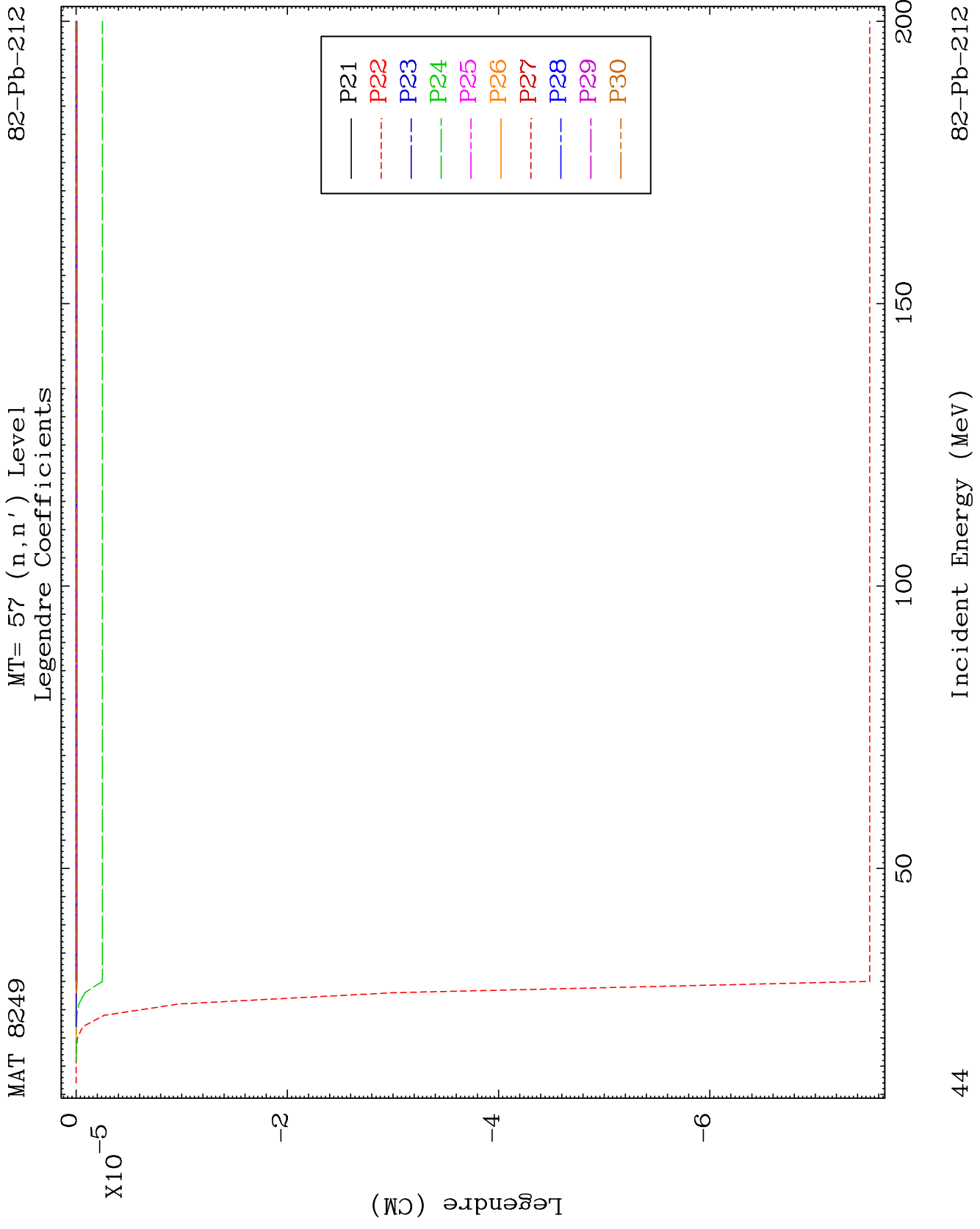
82-Pb-212



43

Incident Energy (MeV)

82-Pb-212

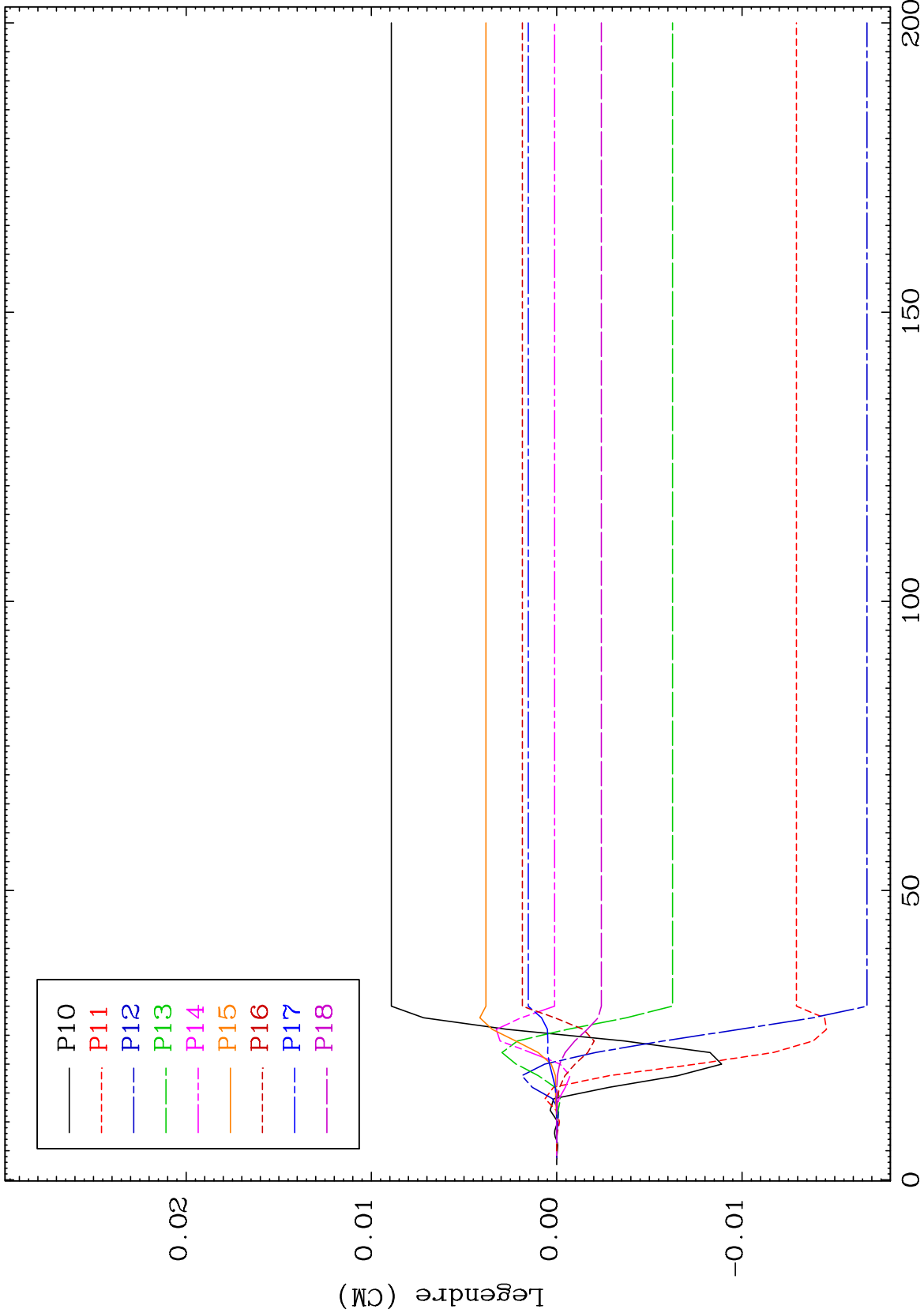




MAT 8249

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

82-Pb-212



46

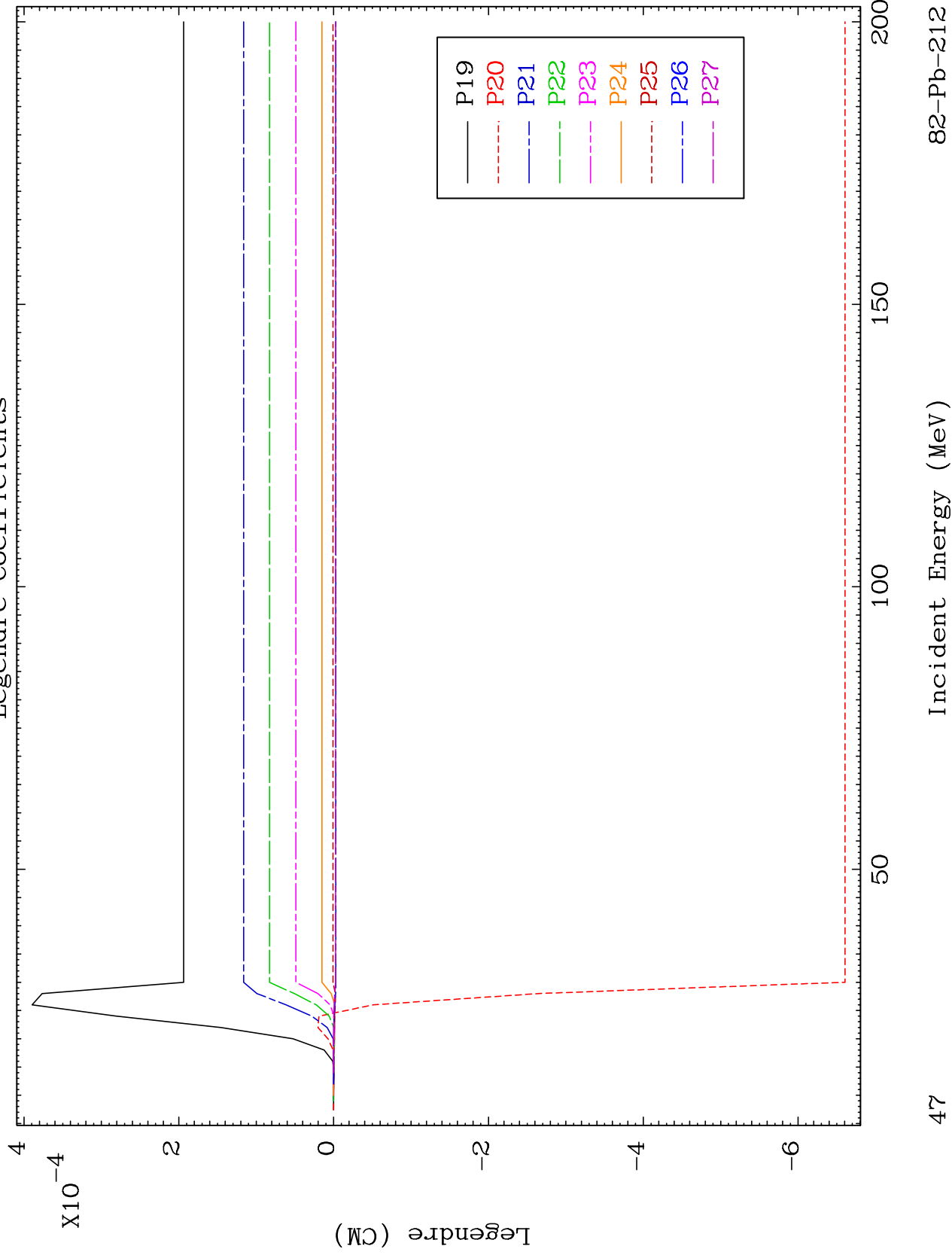
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212

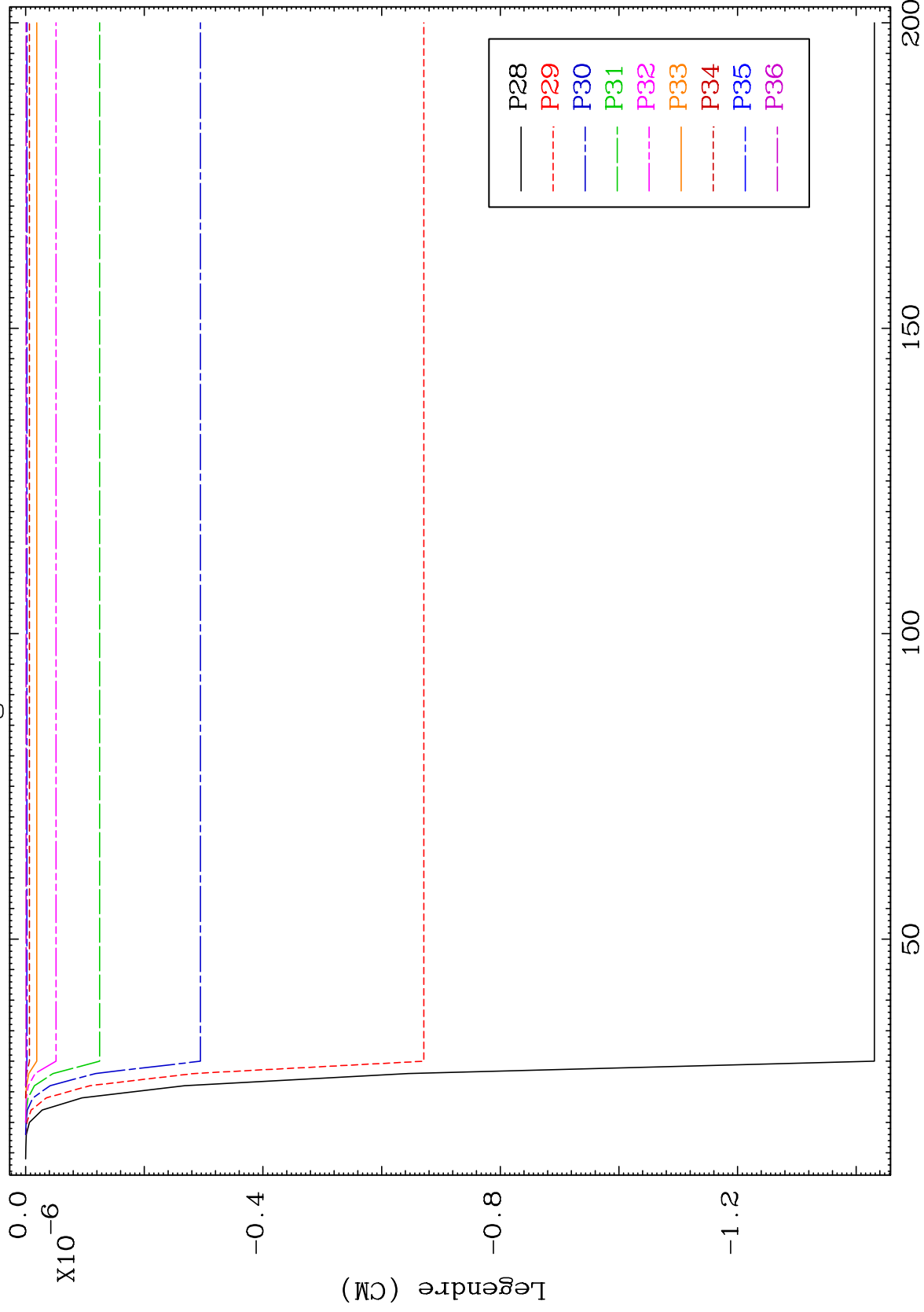




MAT 8249

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

82-Pb-212



48

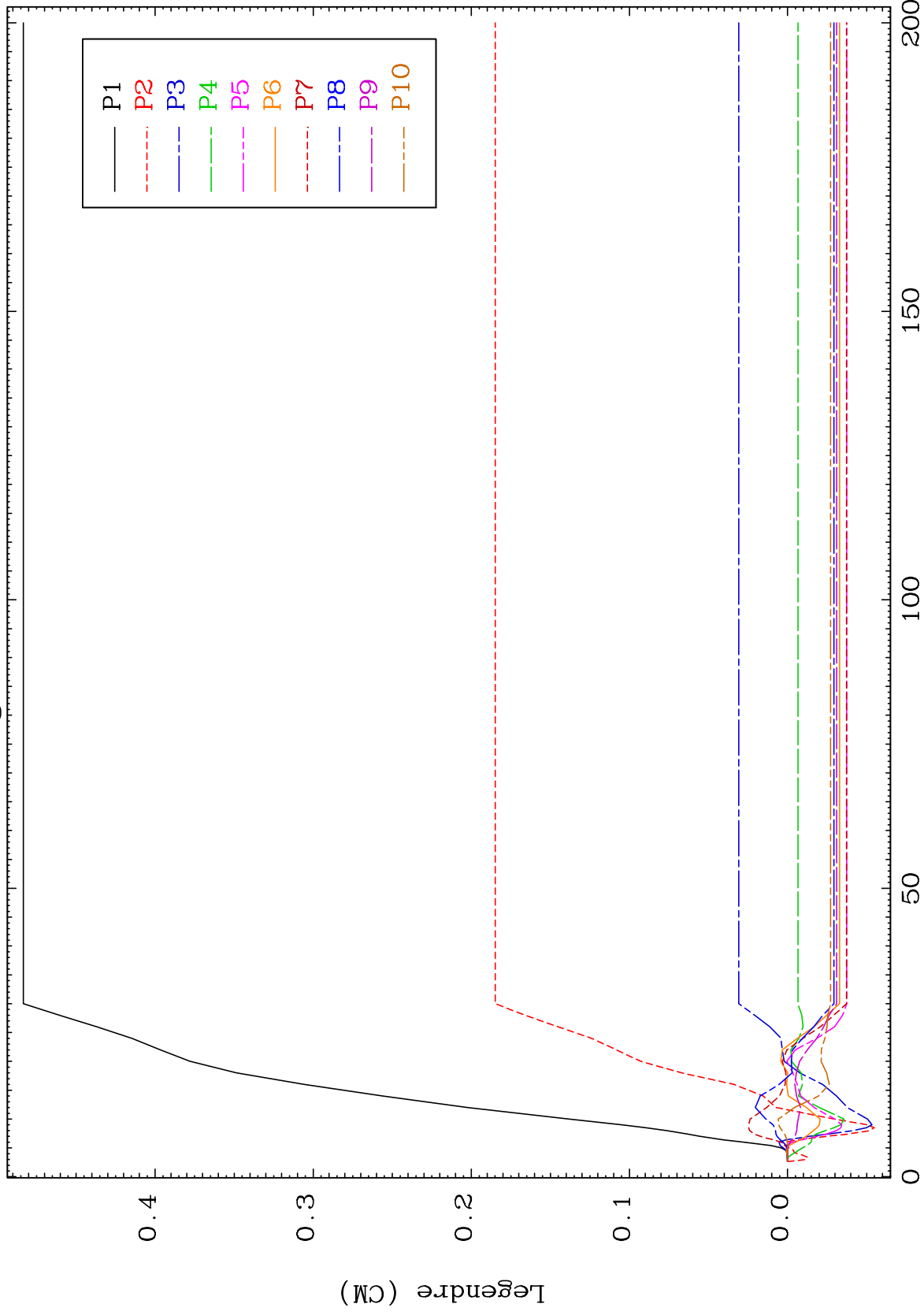
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



49

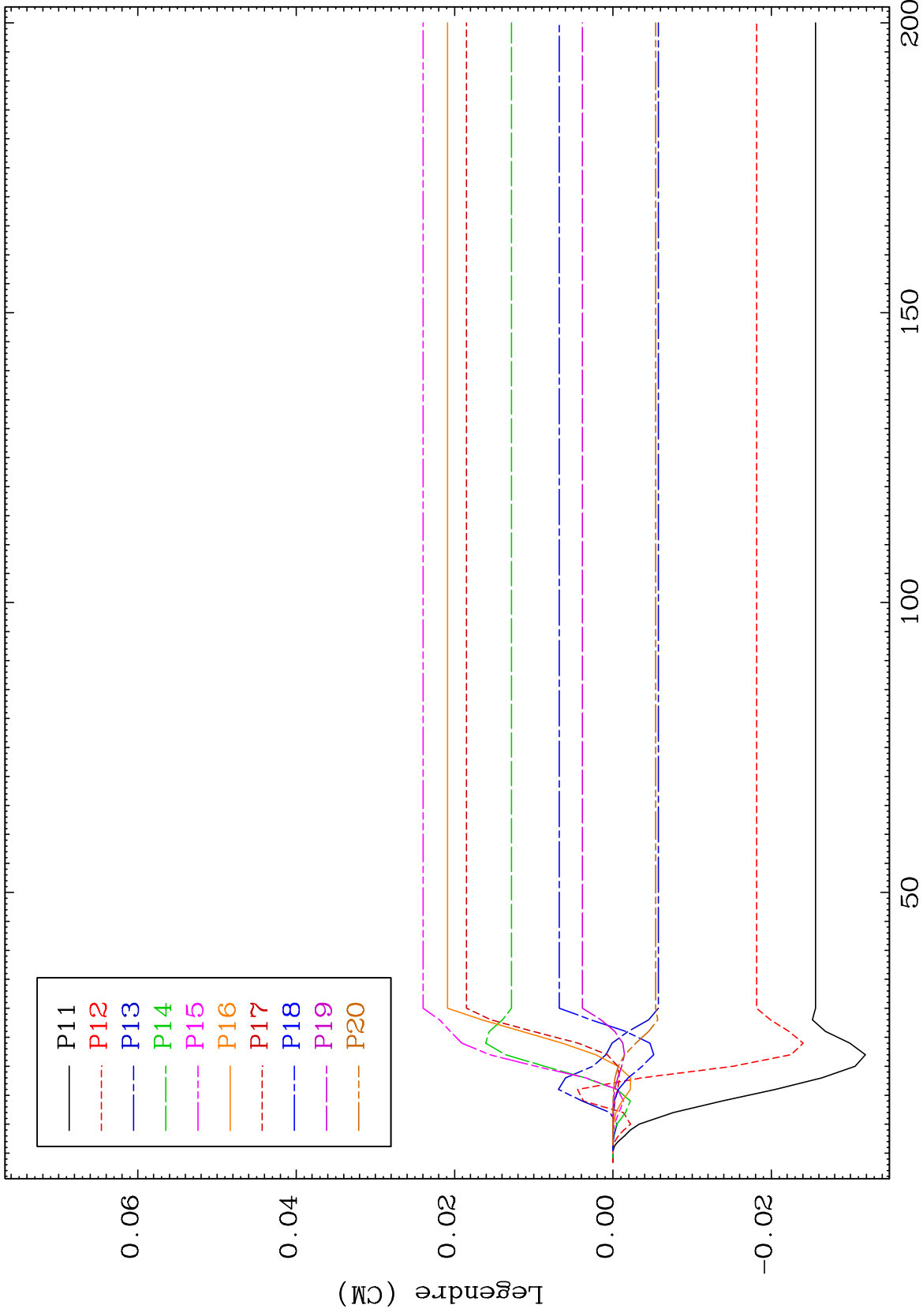
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



50

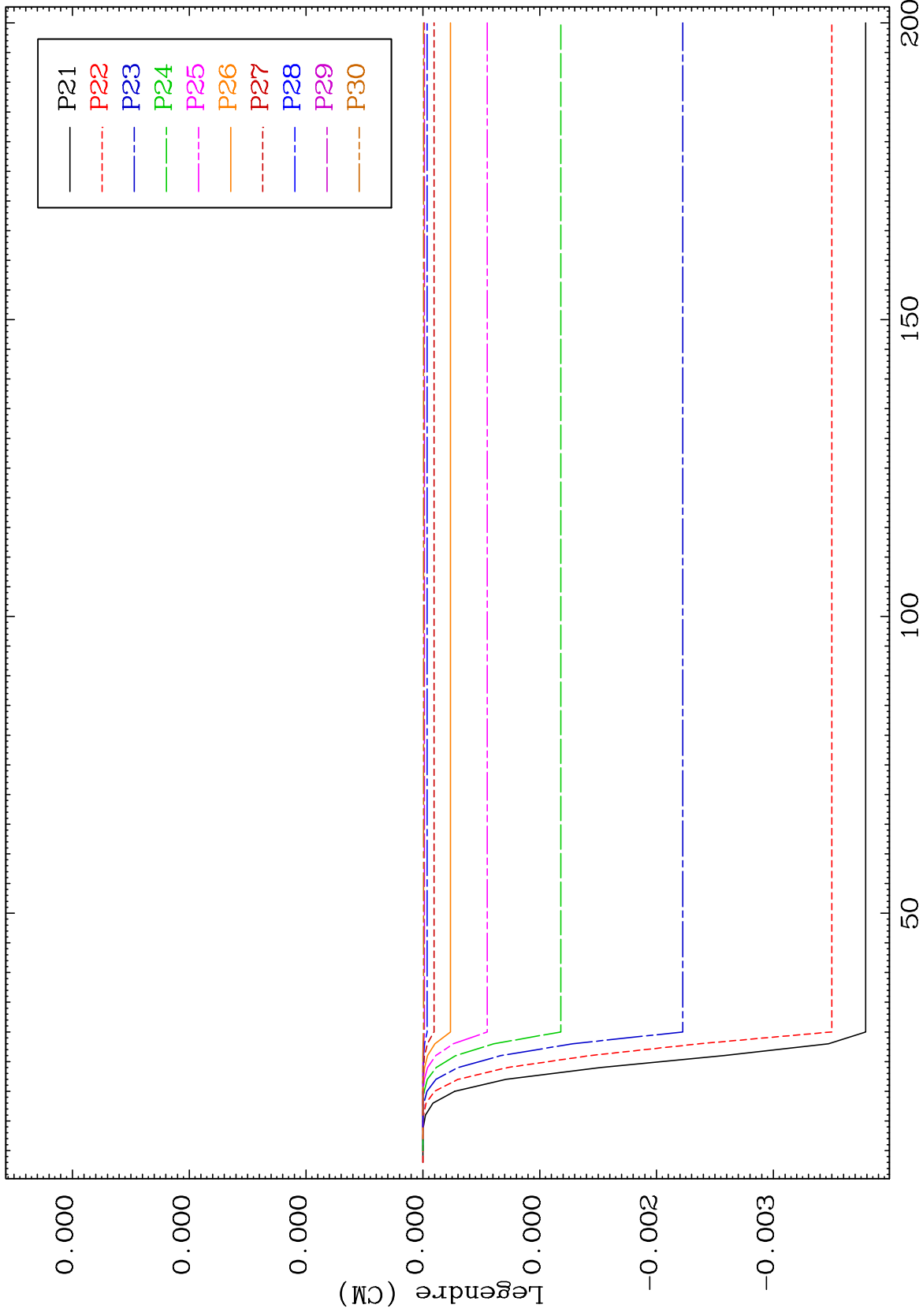
Incident Energy (MeV)

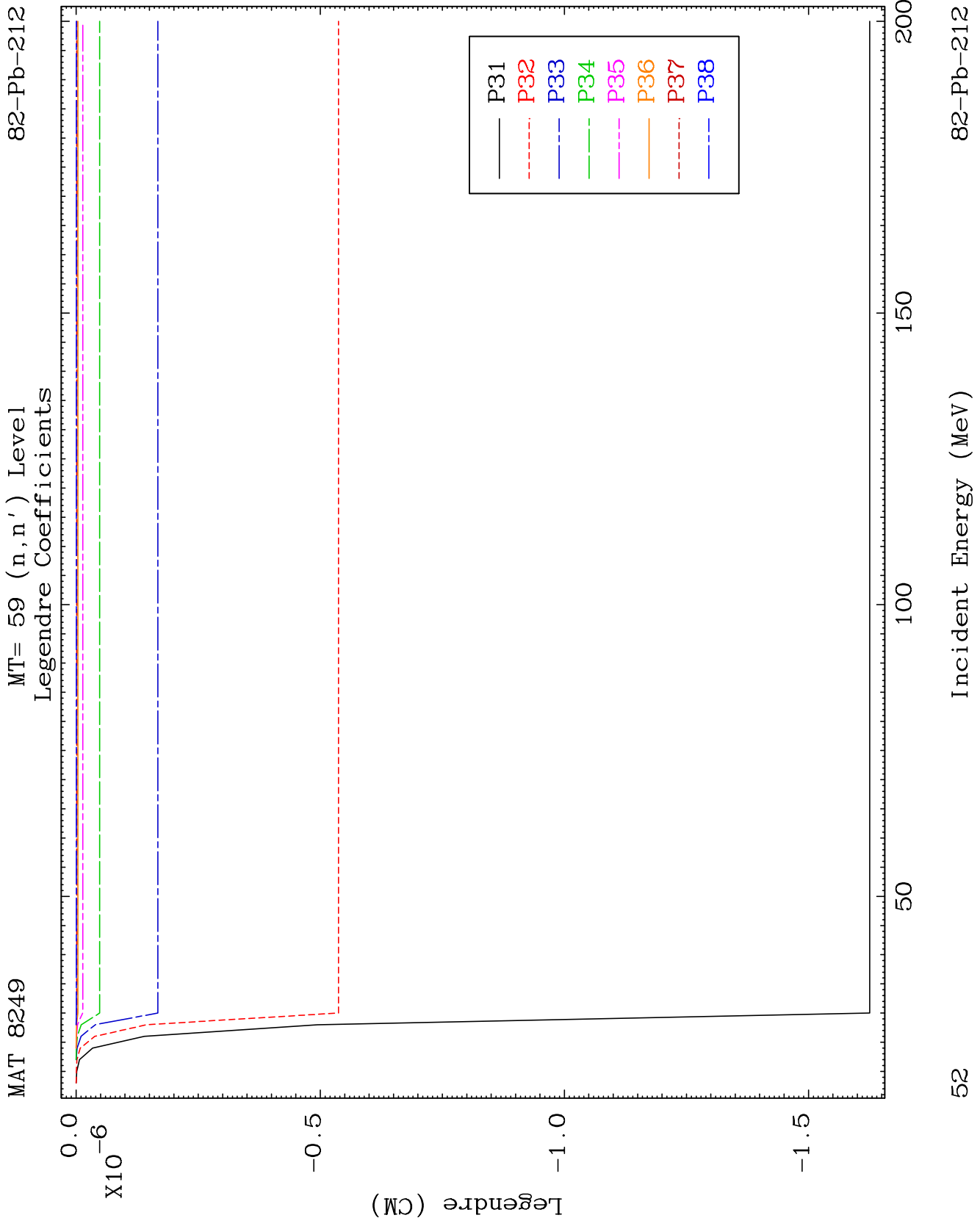
82-Pb-212

MAT 8249

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

82-Pb-212

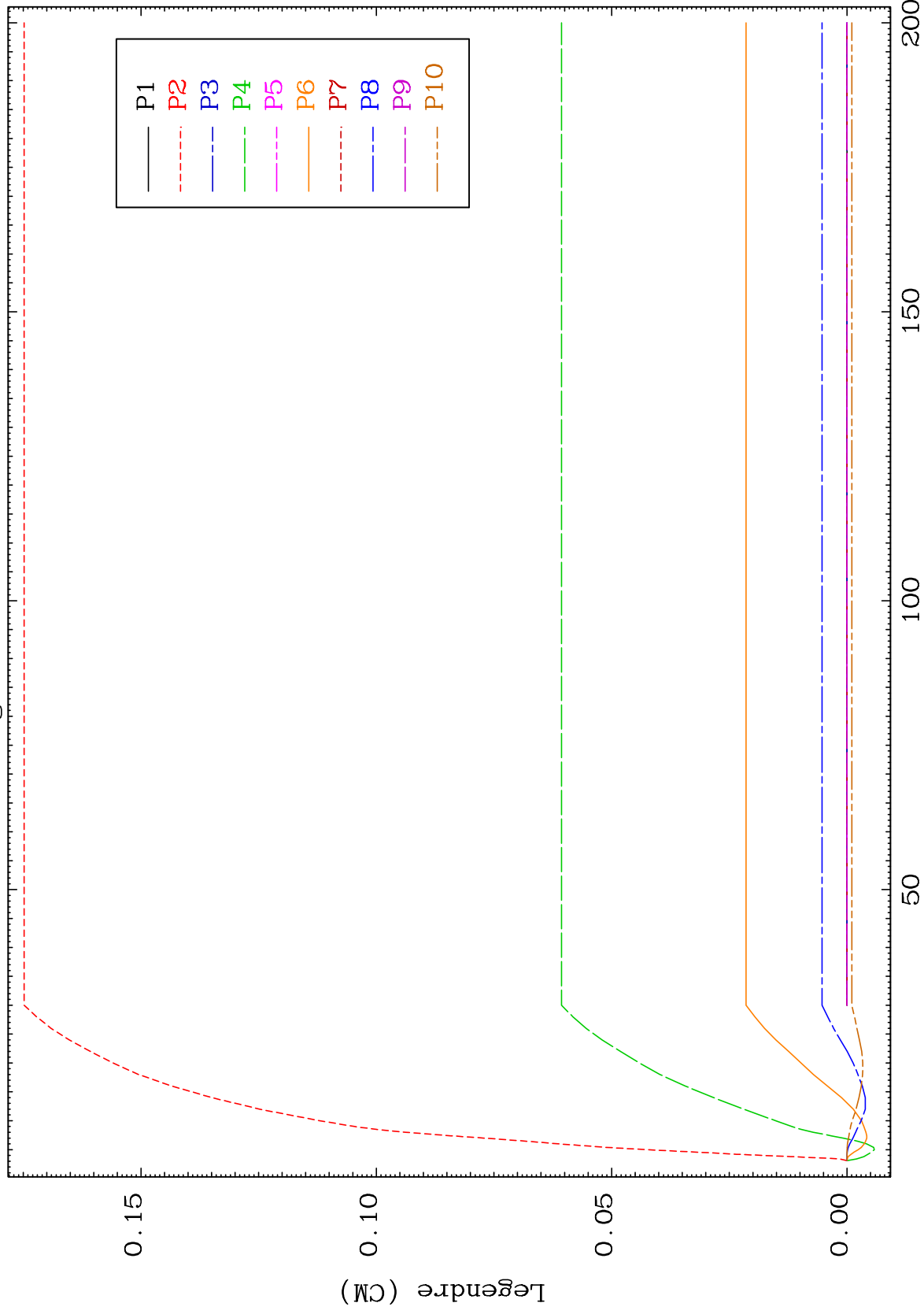




MAT 8249

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

82-Pb-212



53

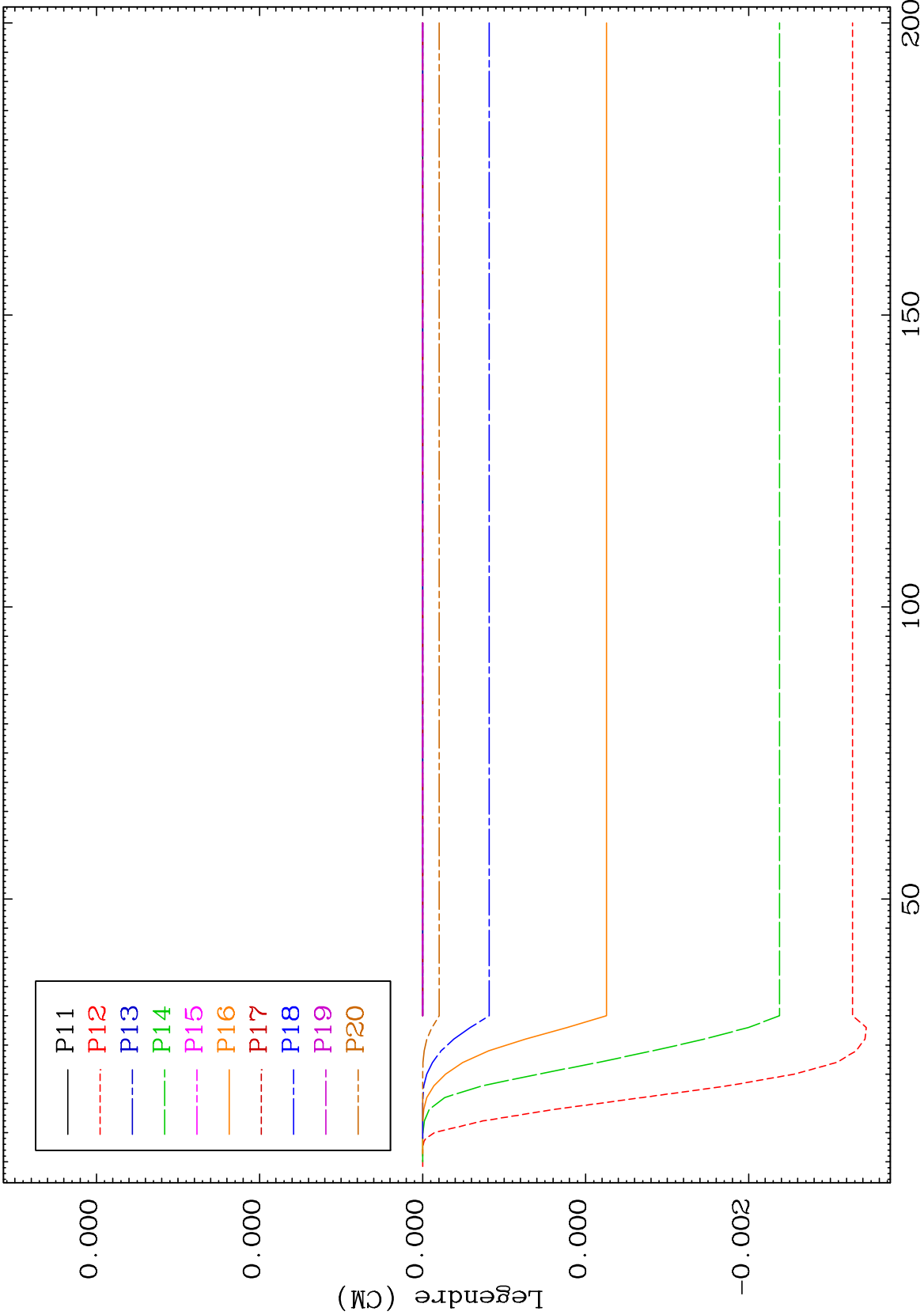
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



54

82-Pb-212

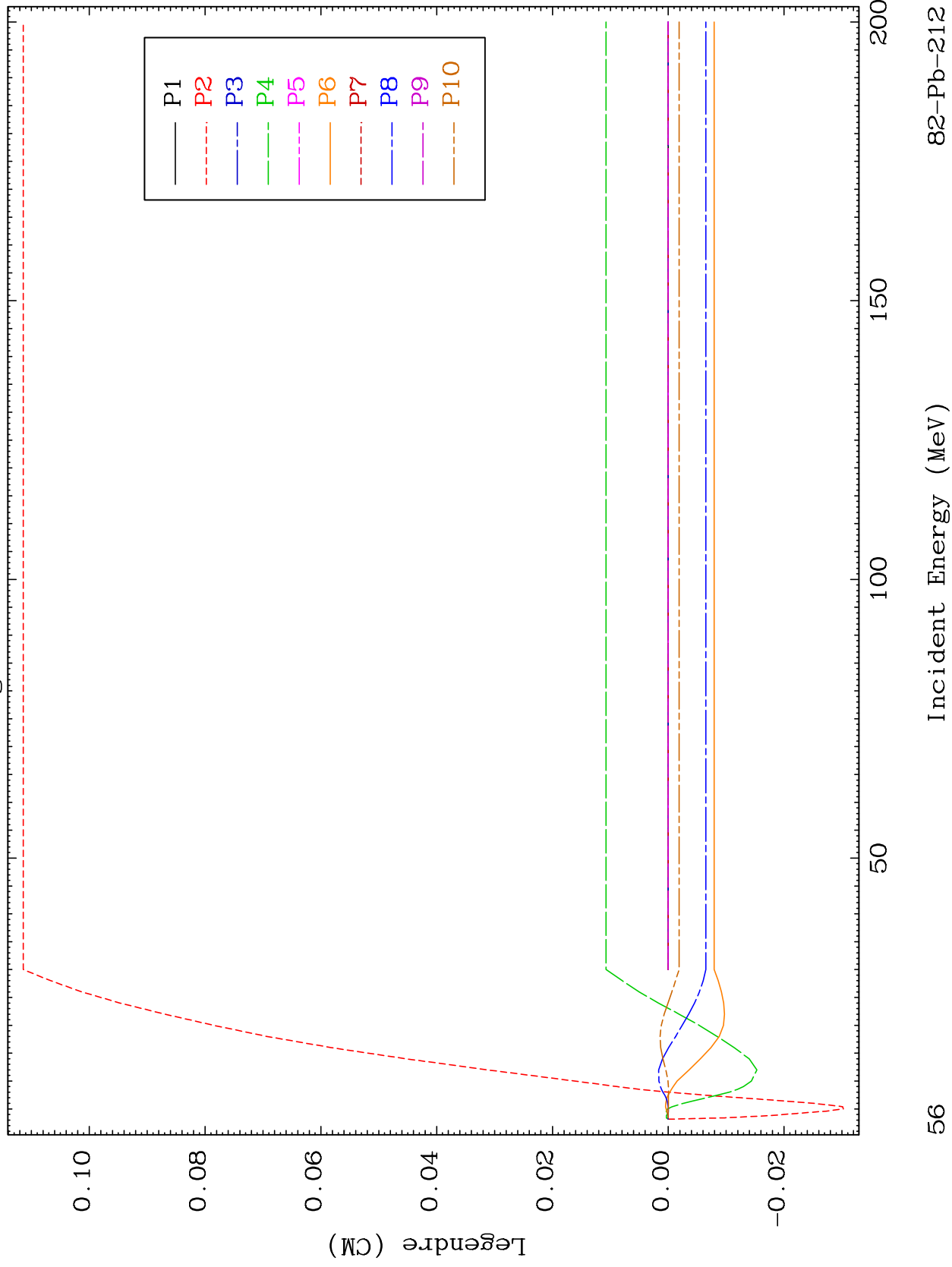




MAT 8249

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

82-Pb-212



56

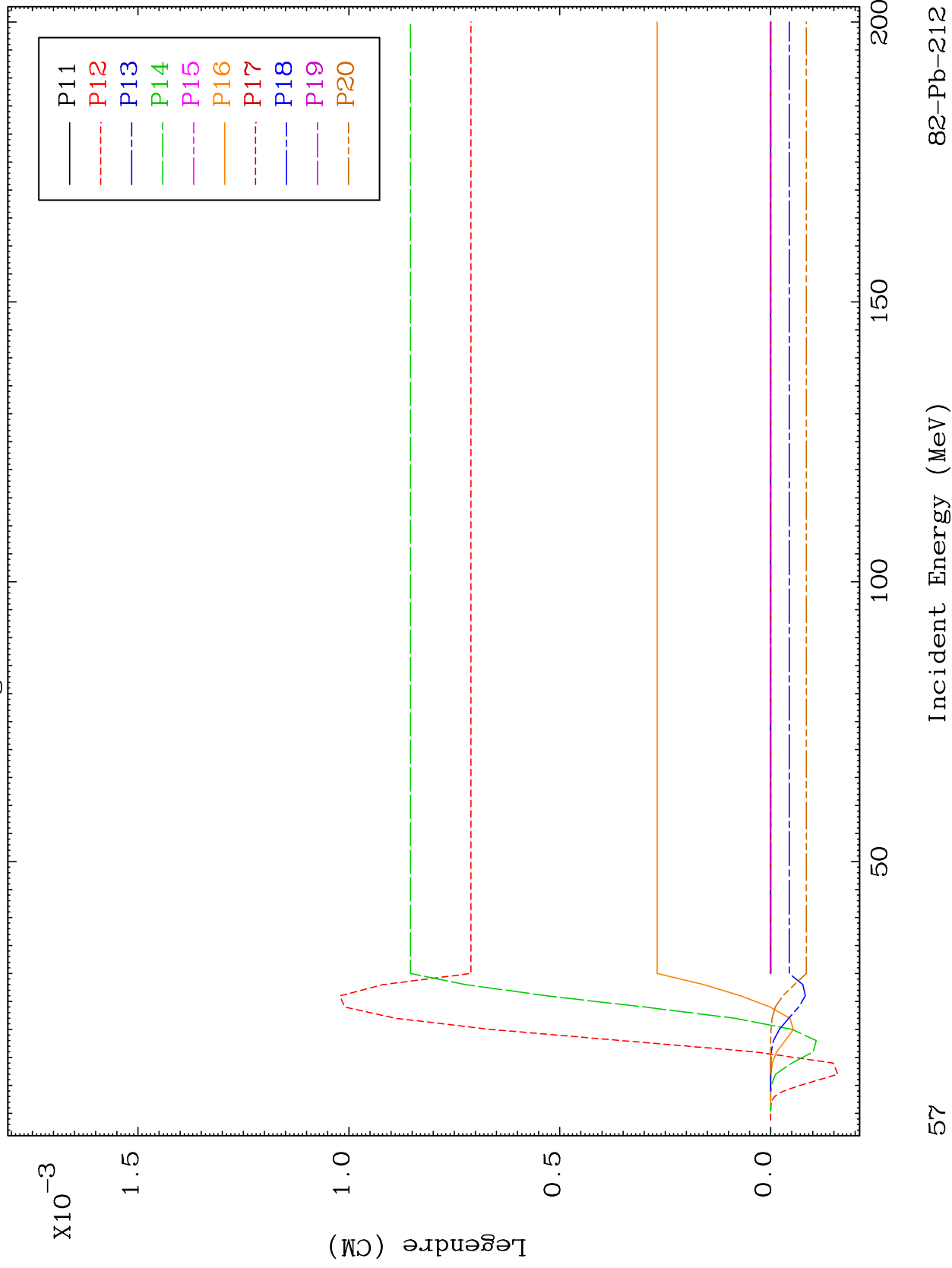
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

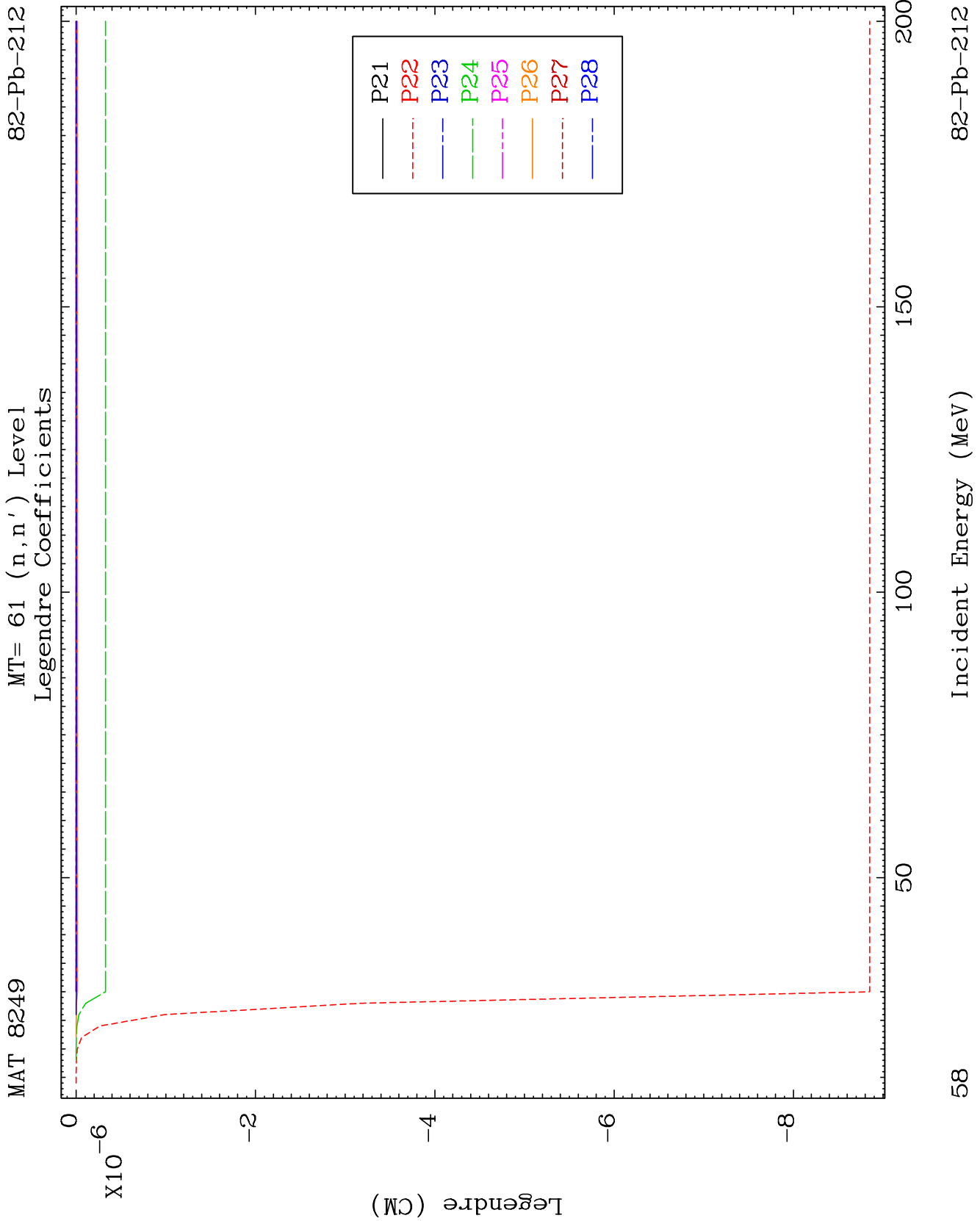
82-Pb-212



57

Incident Energy (MeV)

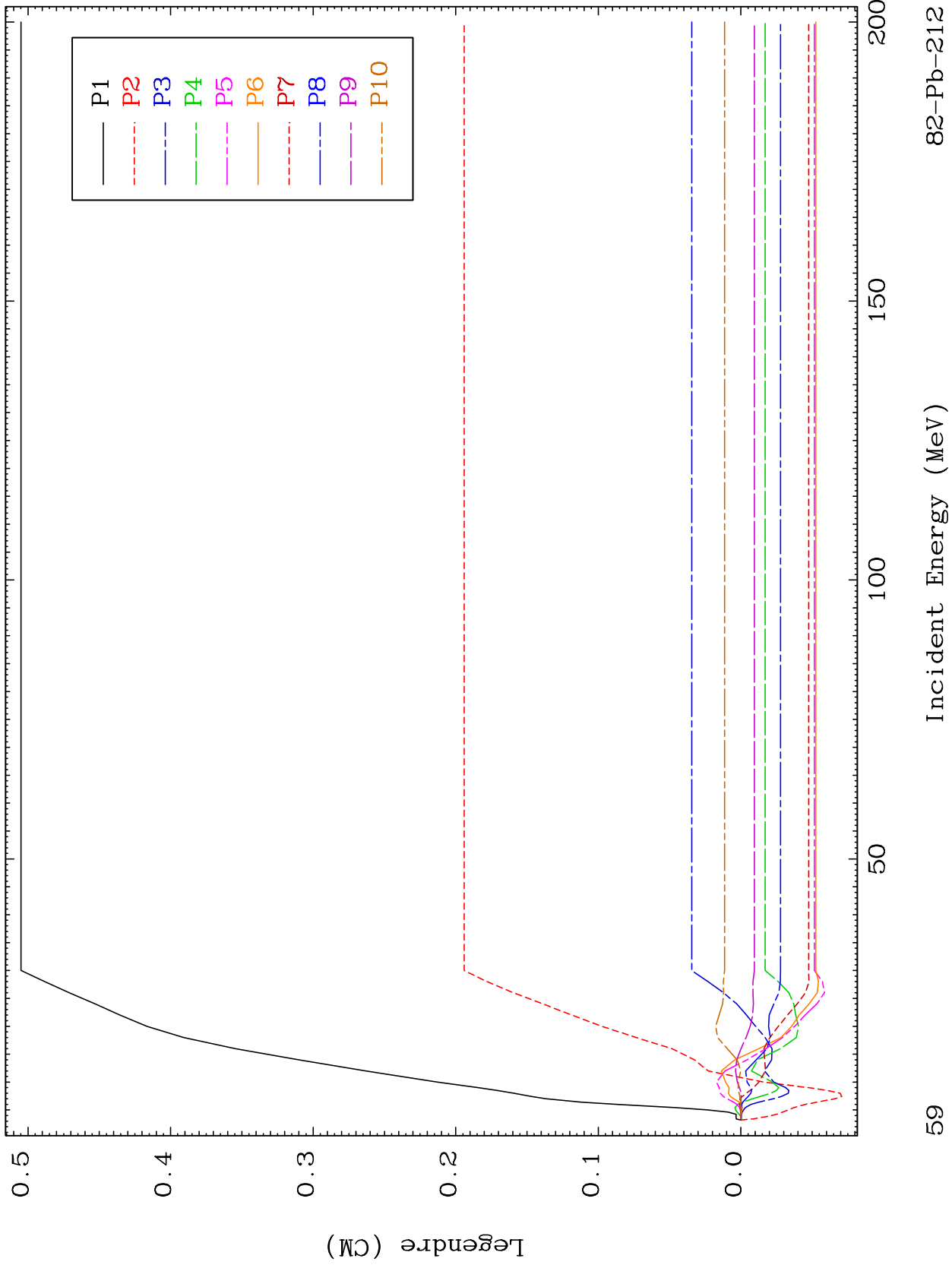
82-Pb-212



MAT 8249

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

82-Pb-212



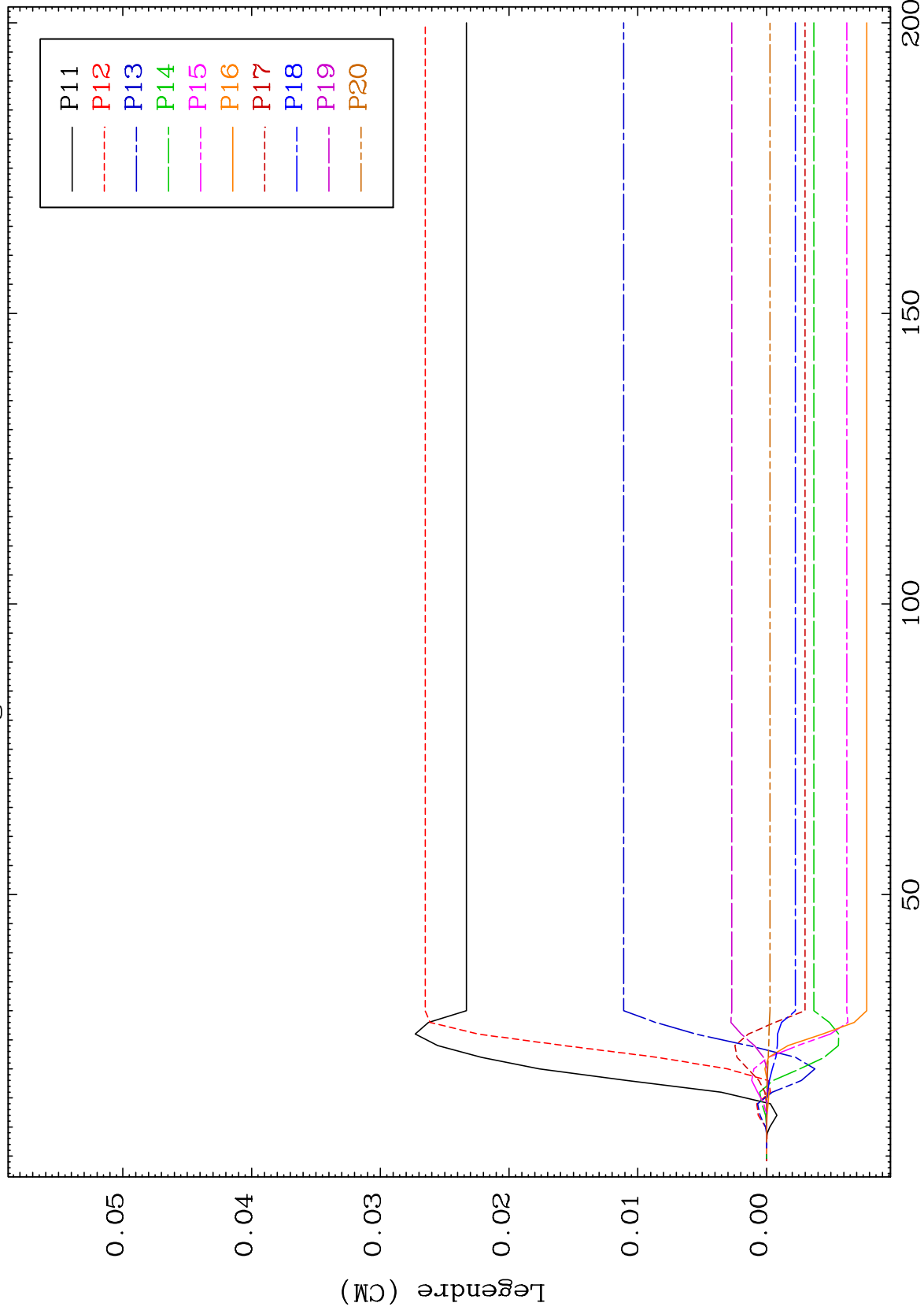
59

82-Pb-212

MAT 8249

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

82-Pb-212



60

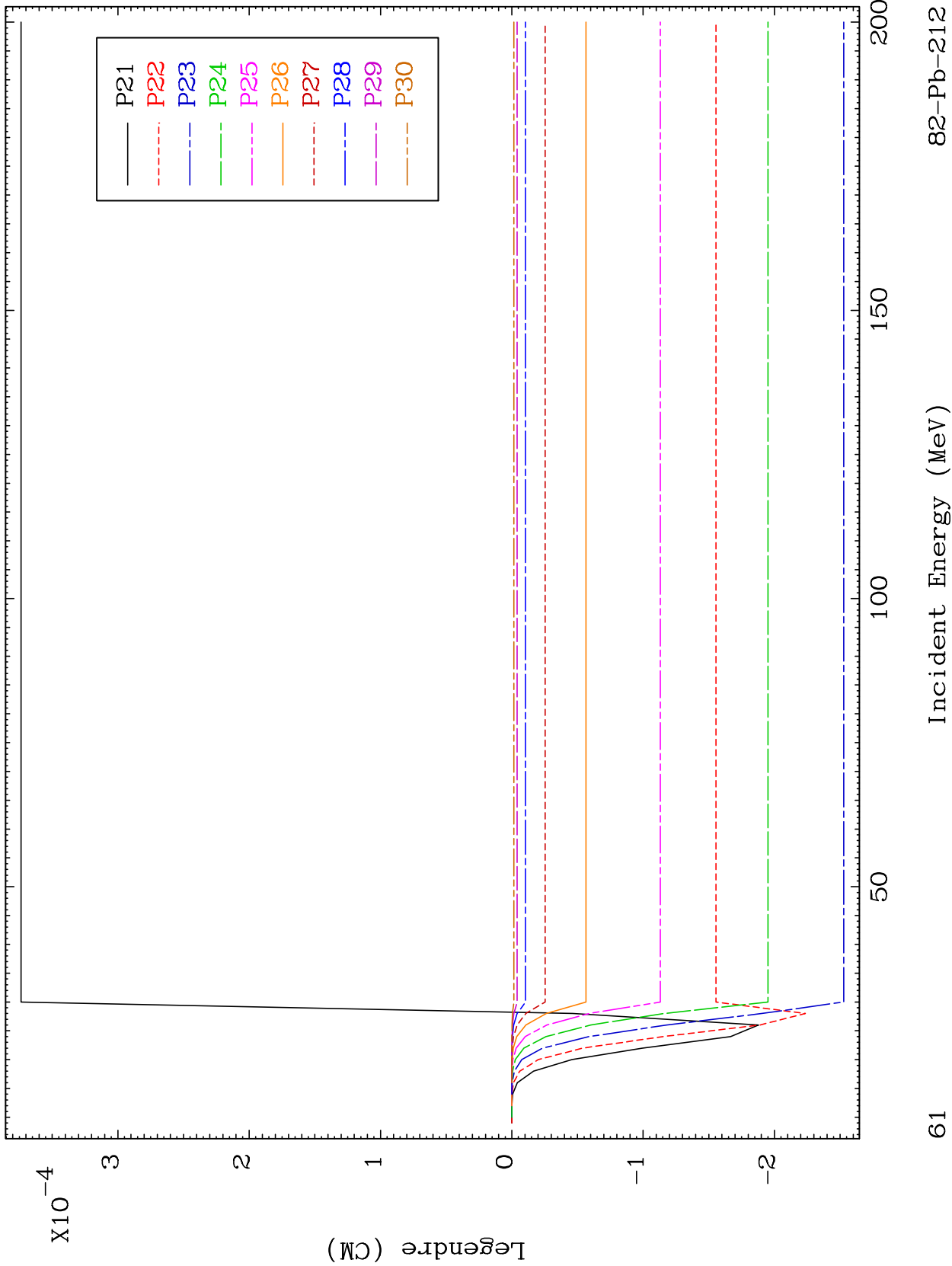
Incident Energy (MeV)

82-Pb-212

MAT 8249

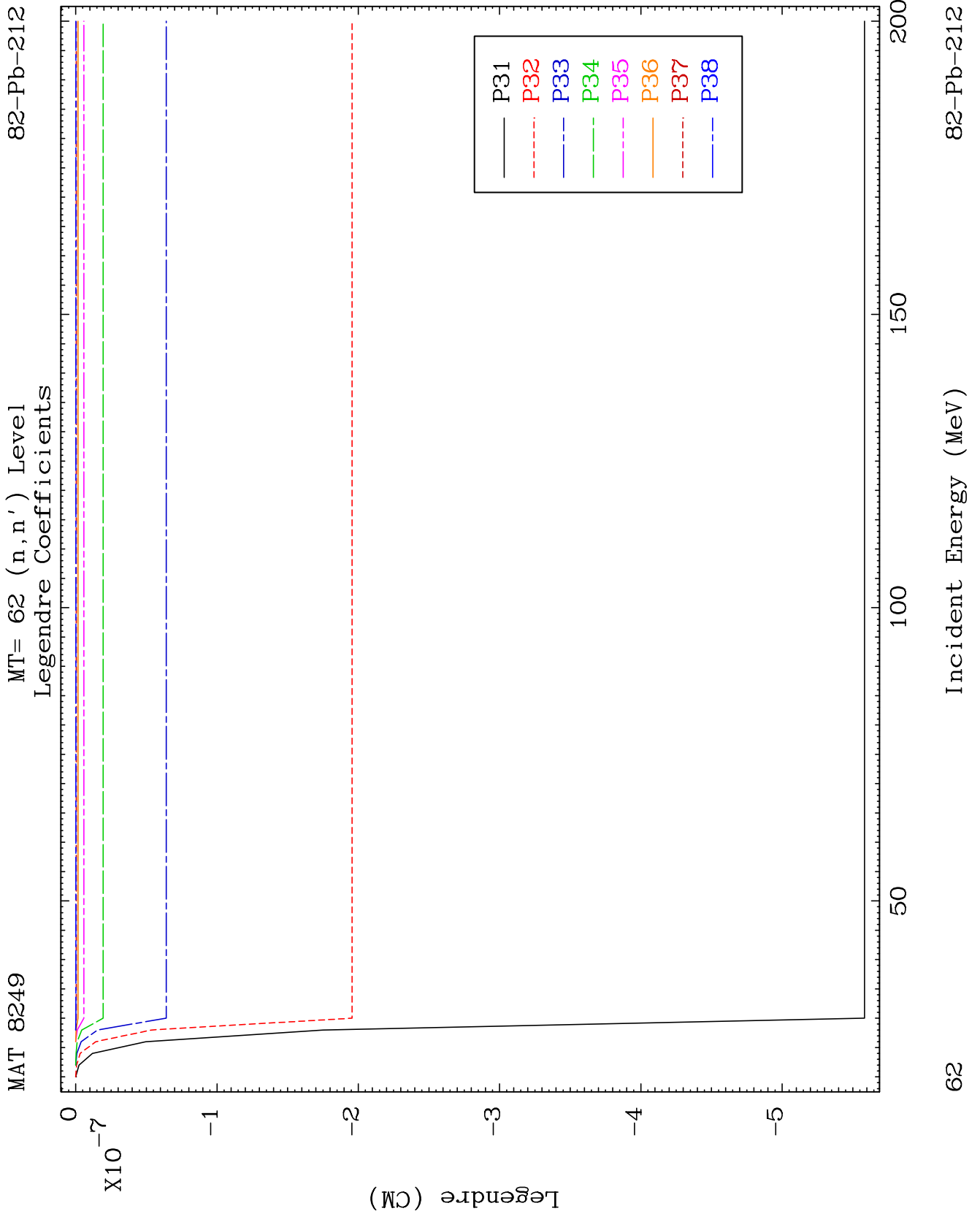
MT= 62 (n,n') Level  
Legendre Coefficients

82-Pb-212



61

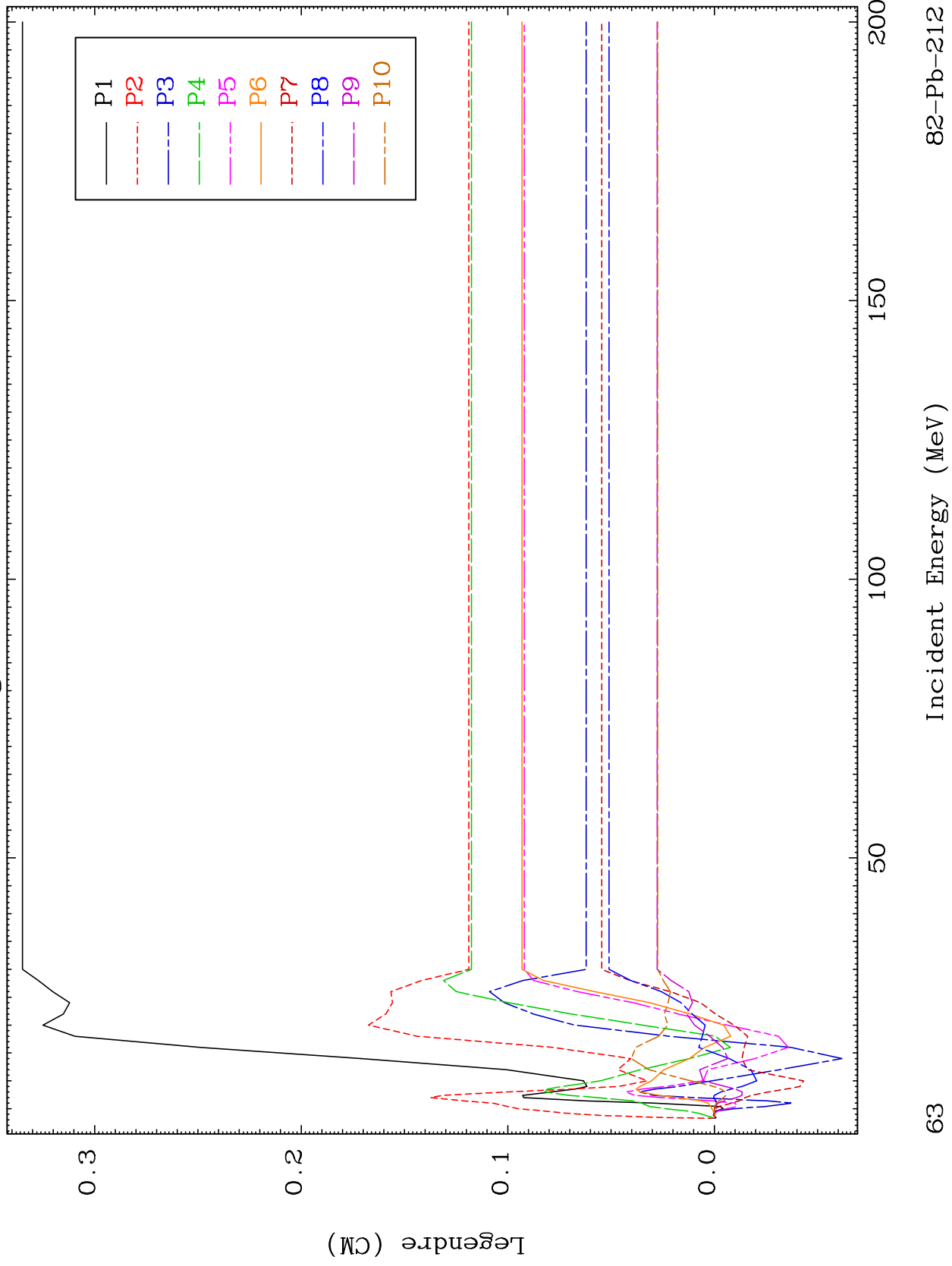
82-Pb-212



MAT 8249

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

82-Pb-212



63

Incident Energy (MeV)

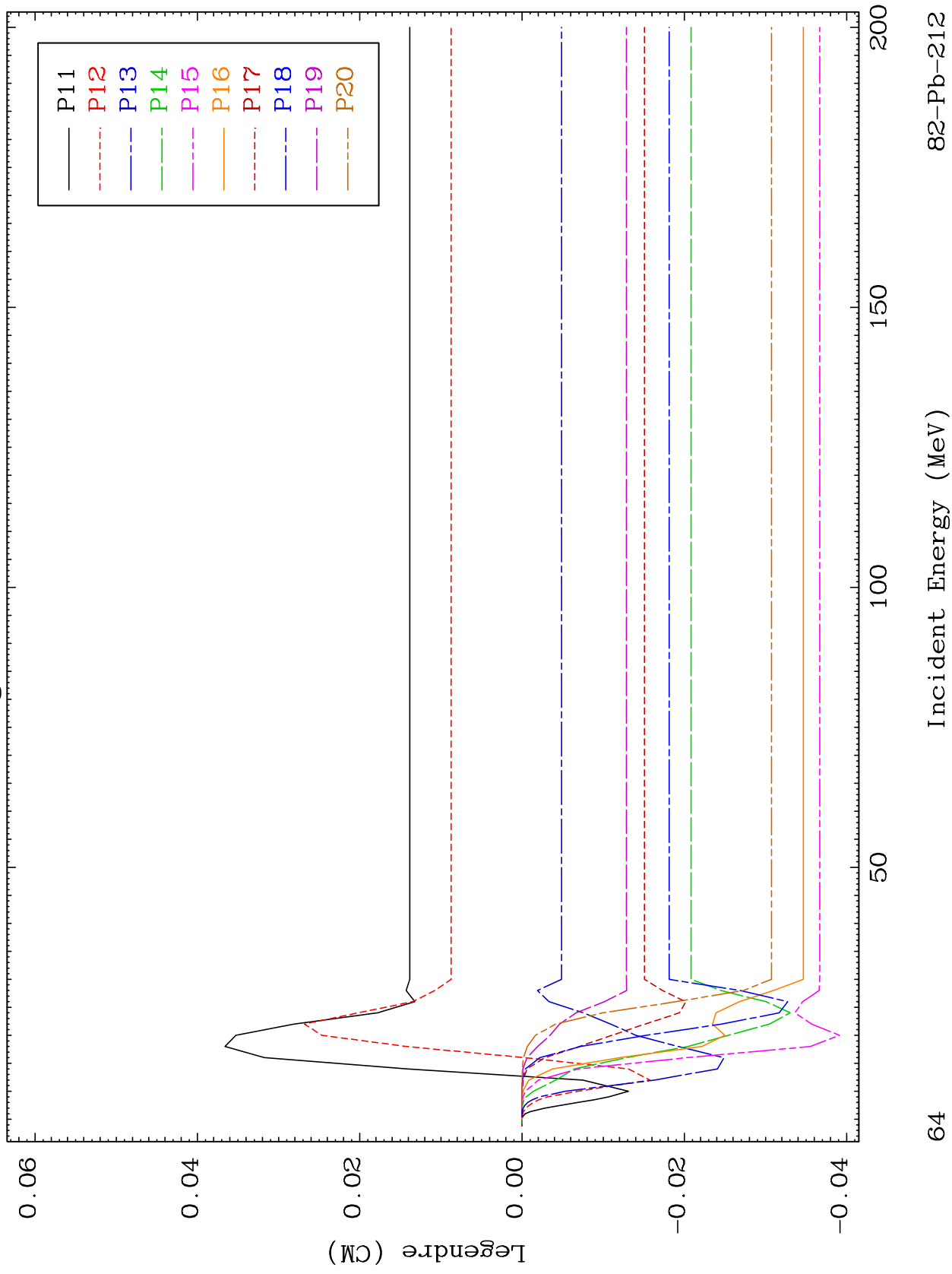
82-Pb-212



MAT 8249

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

82-Pb-212



64

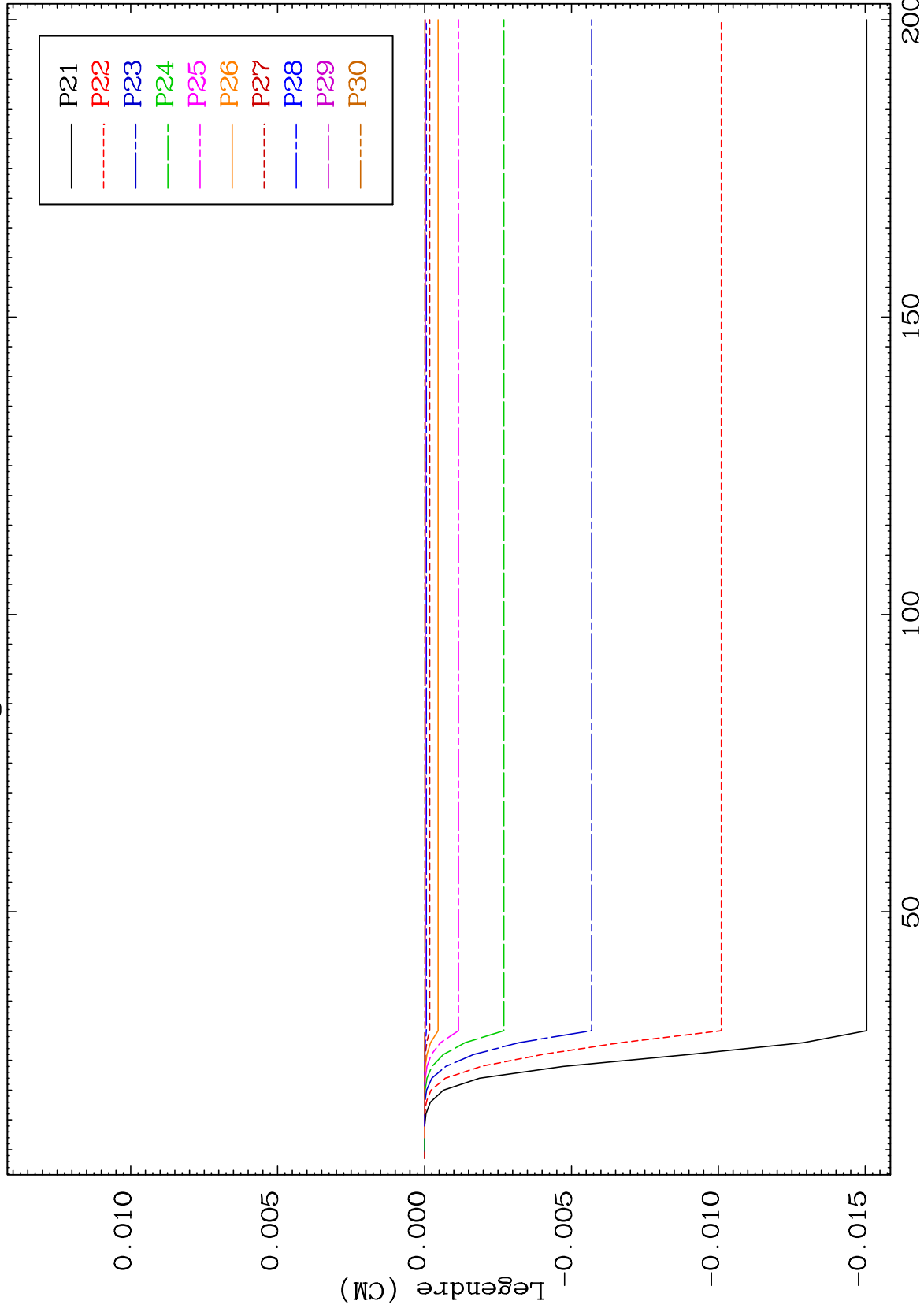
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



65

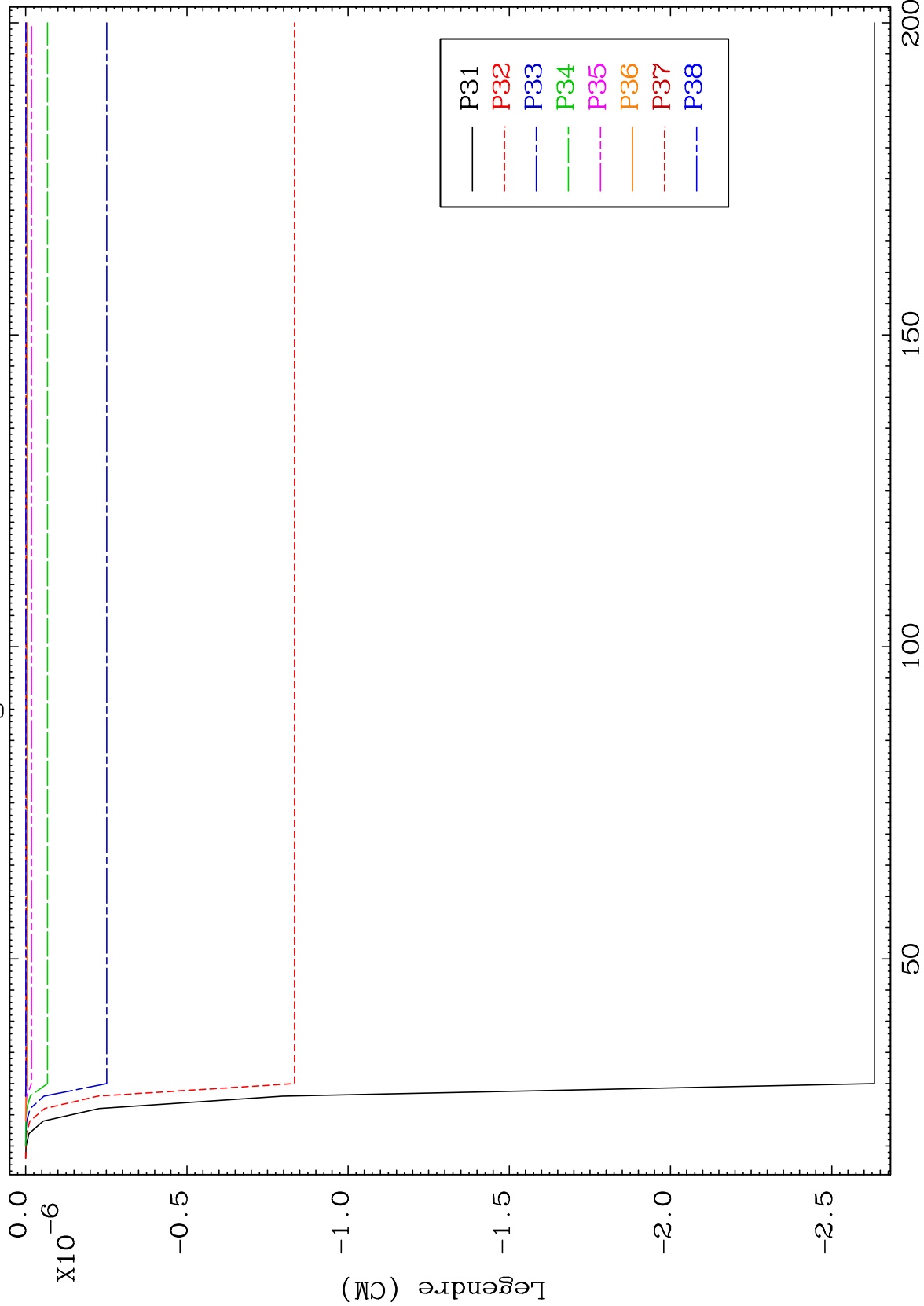
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



66

Incident Energy (MeV)

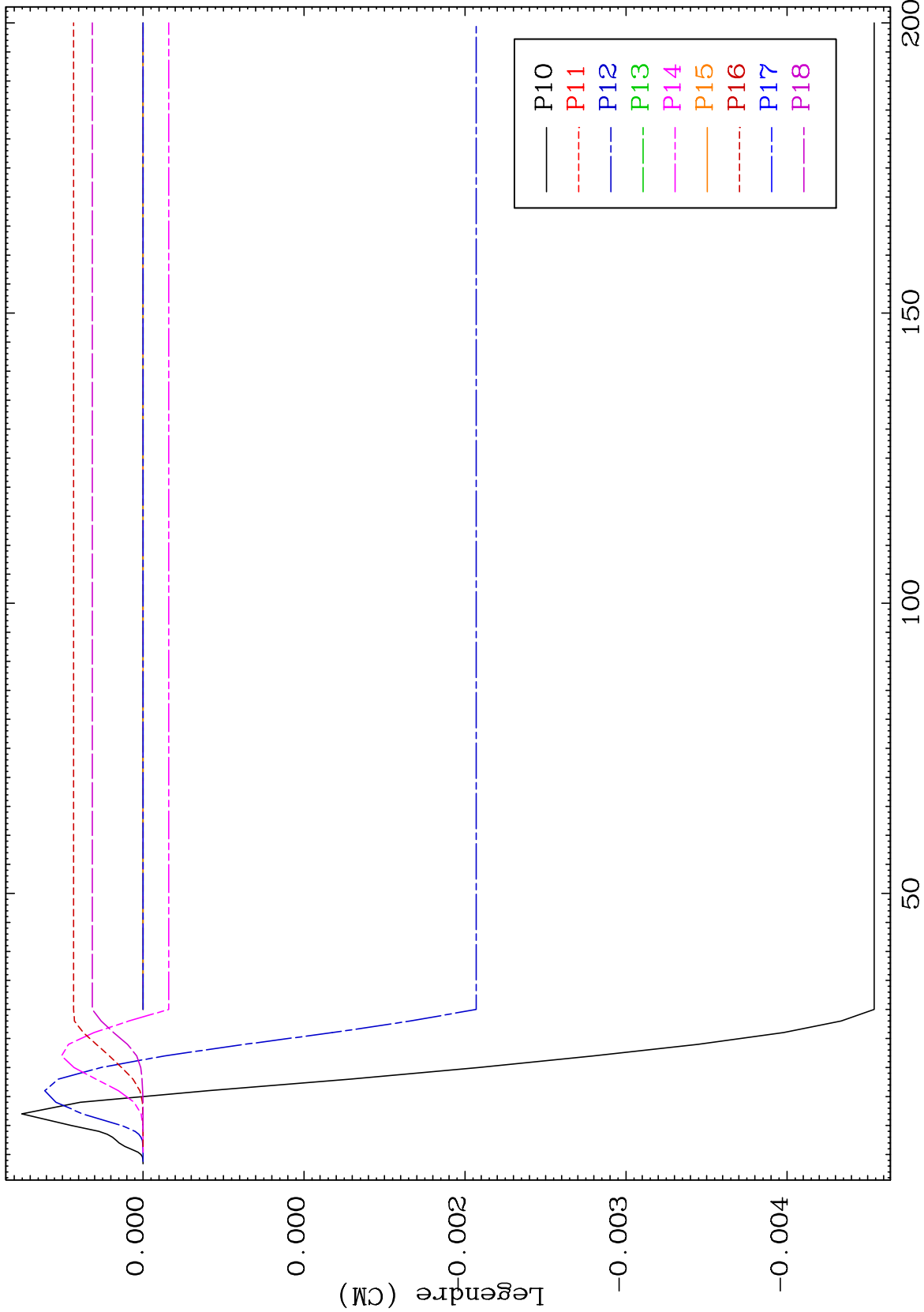
82-Pb-212



MAT 8249

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

82-Pb-212



68

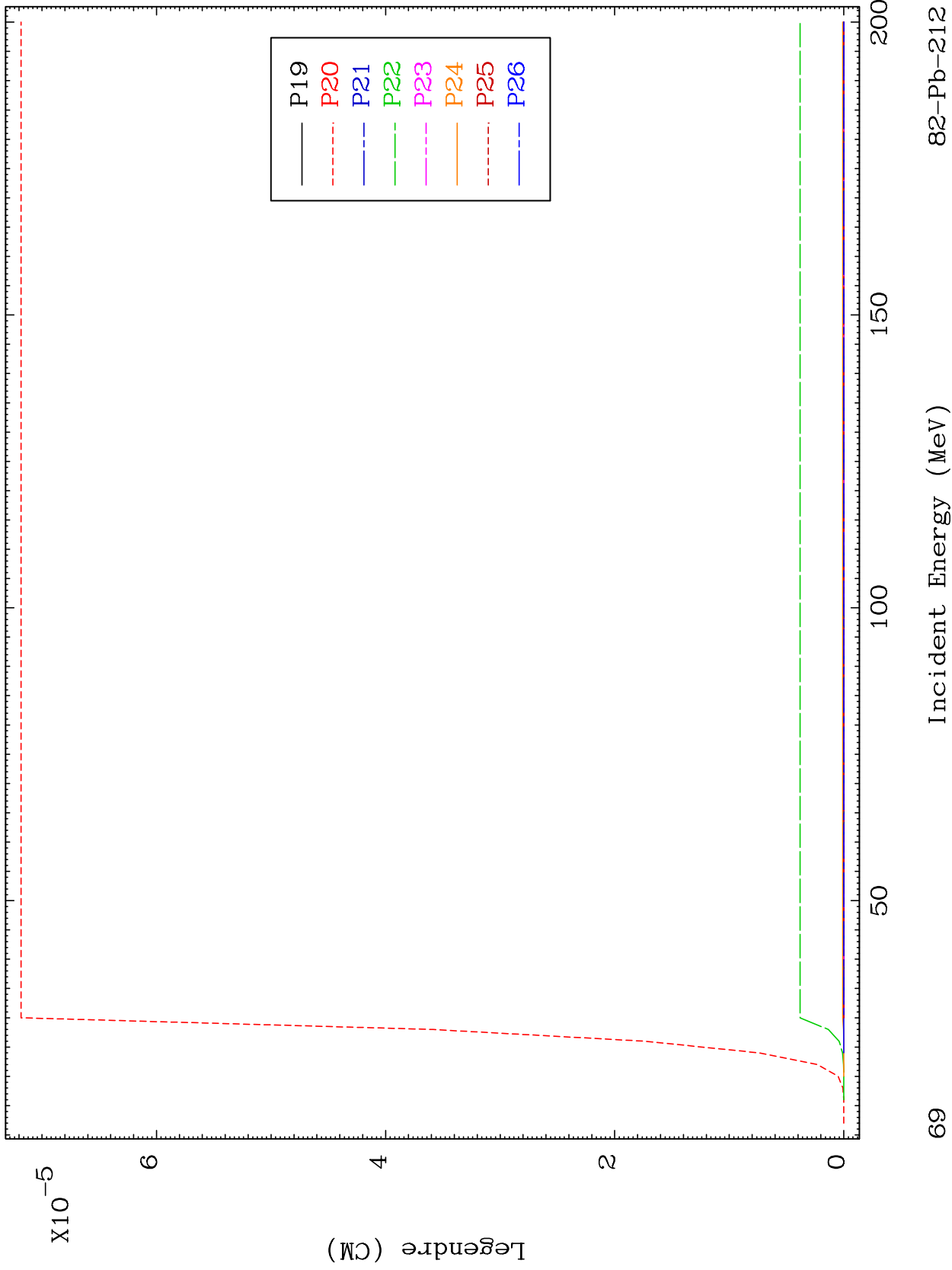
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



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Incident Energy (MeV)

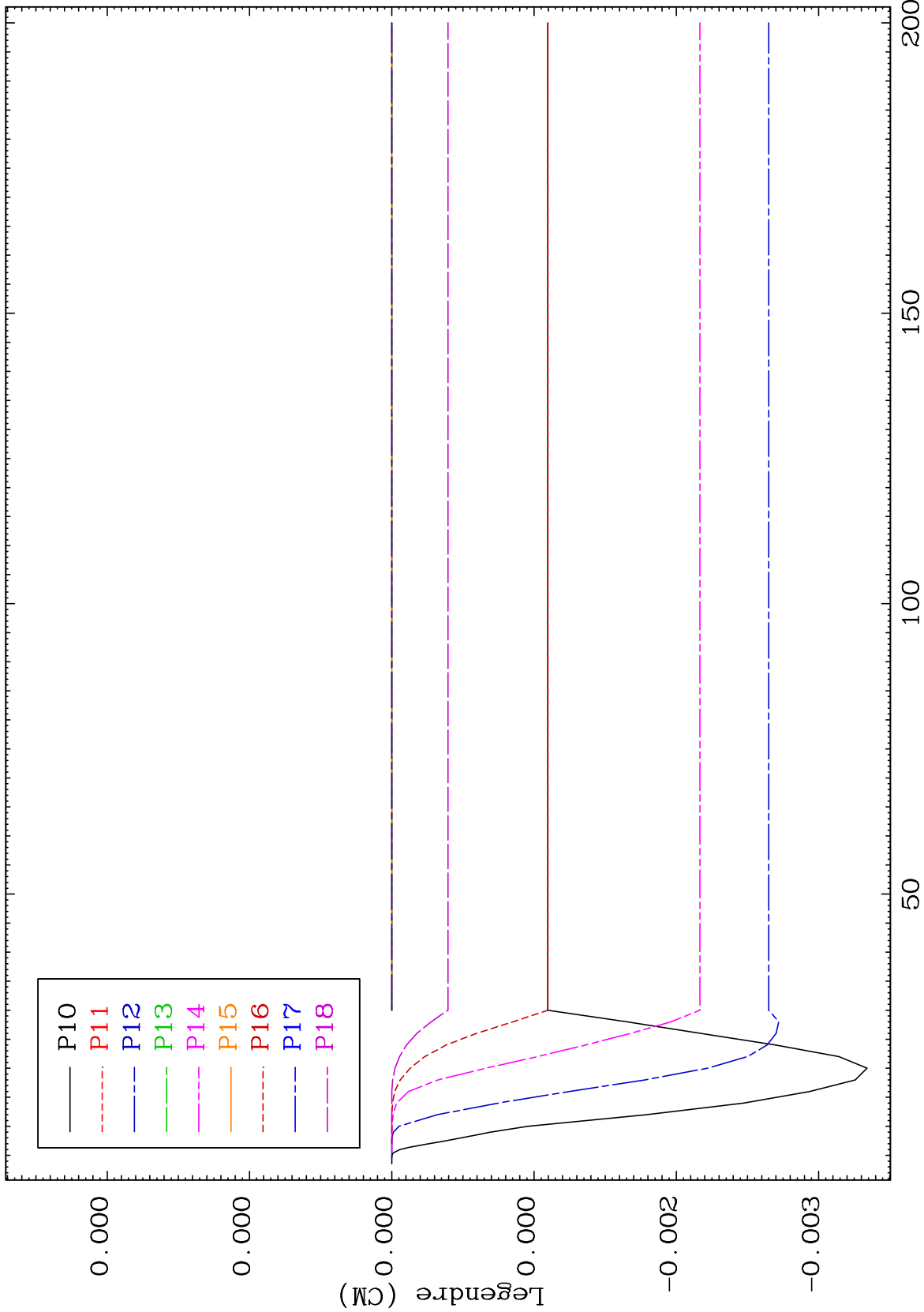
82-Pb-212



MAT 8249

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

82-Pb-212

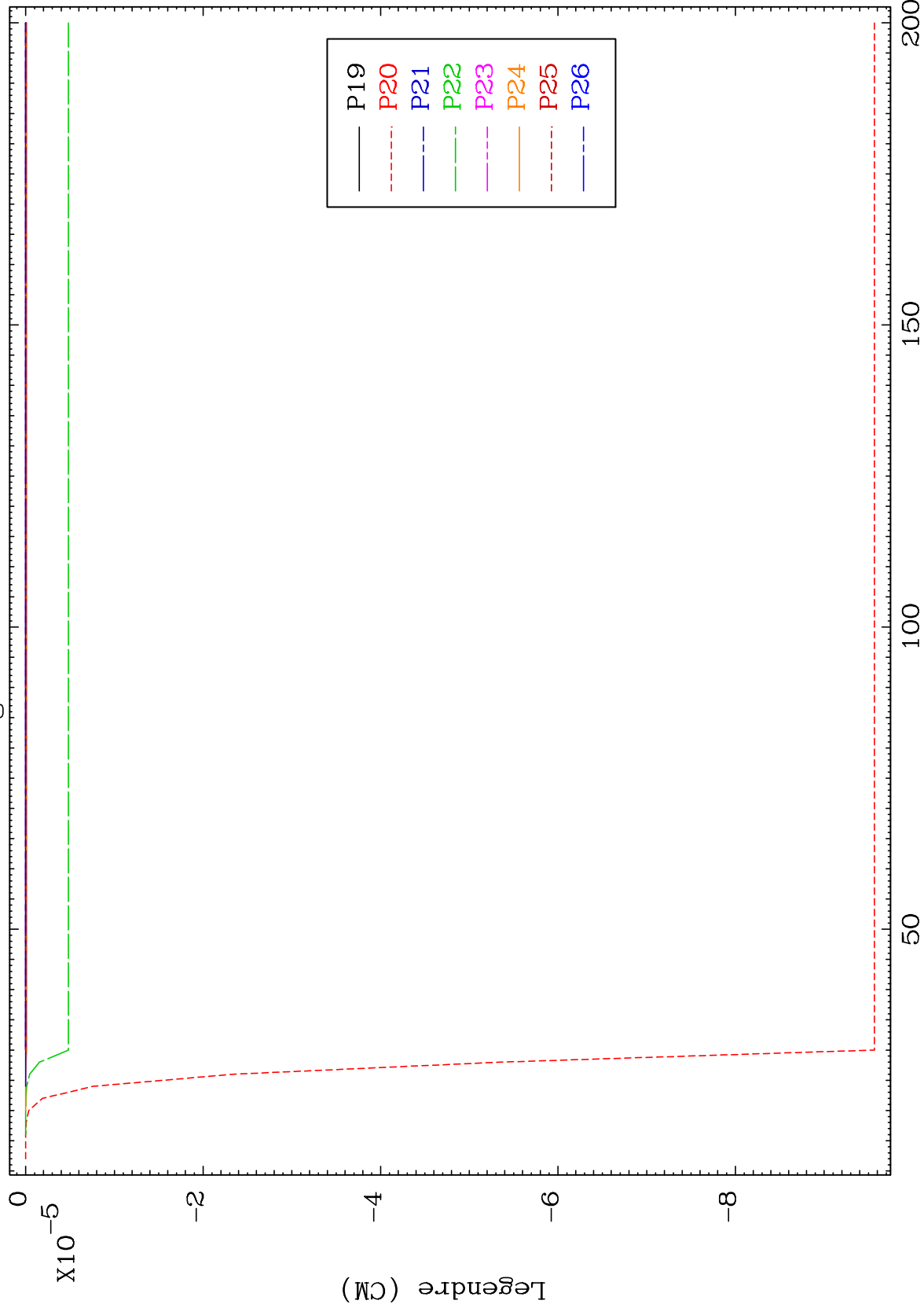




MAT 8249

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

82-Pb-212



72

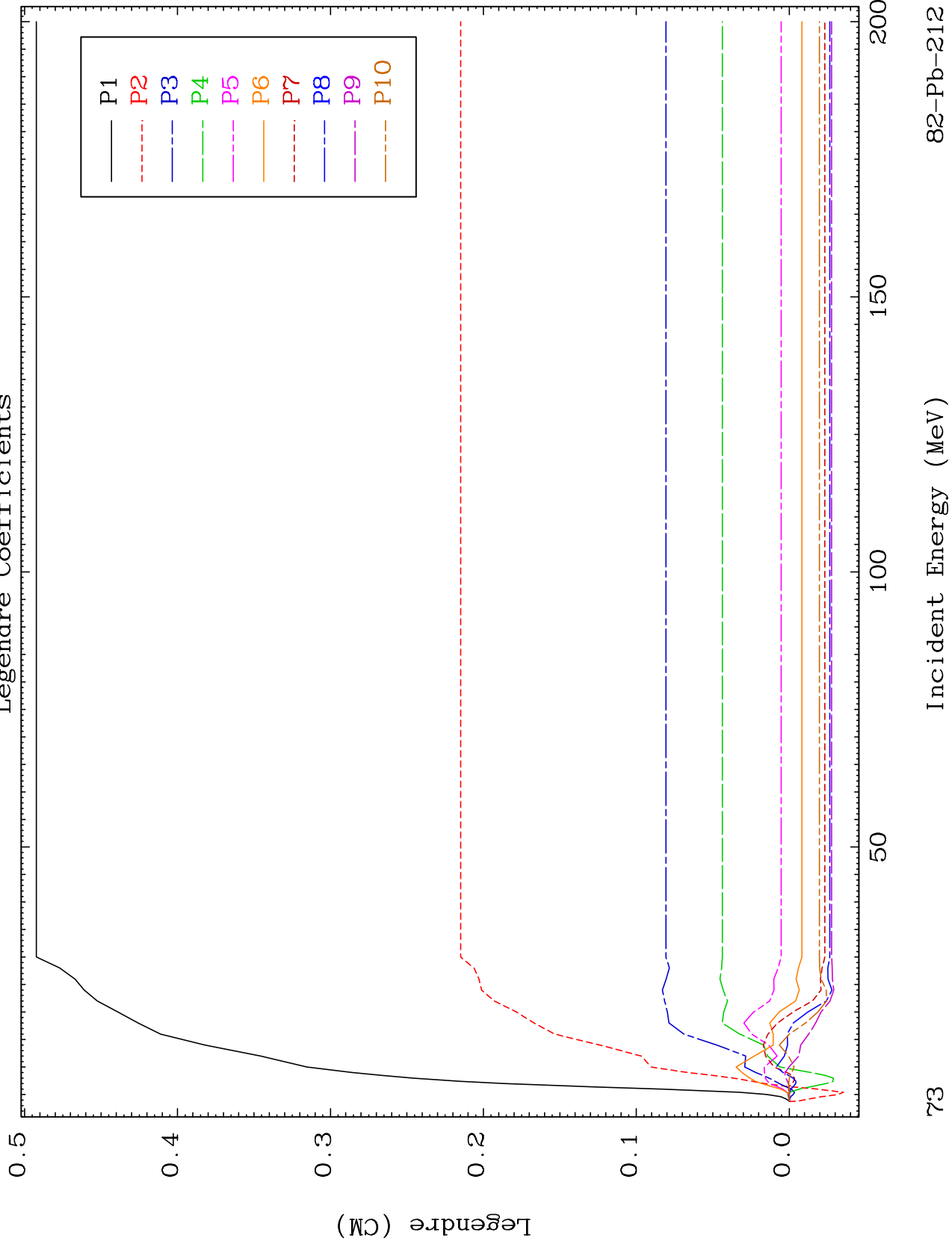
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

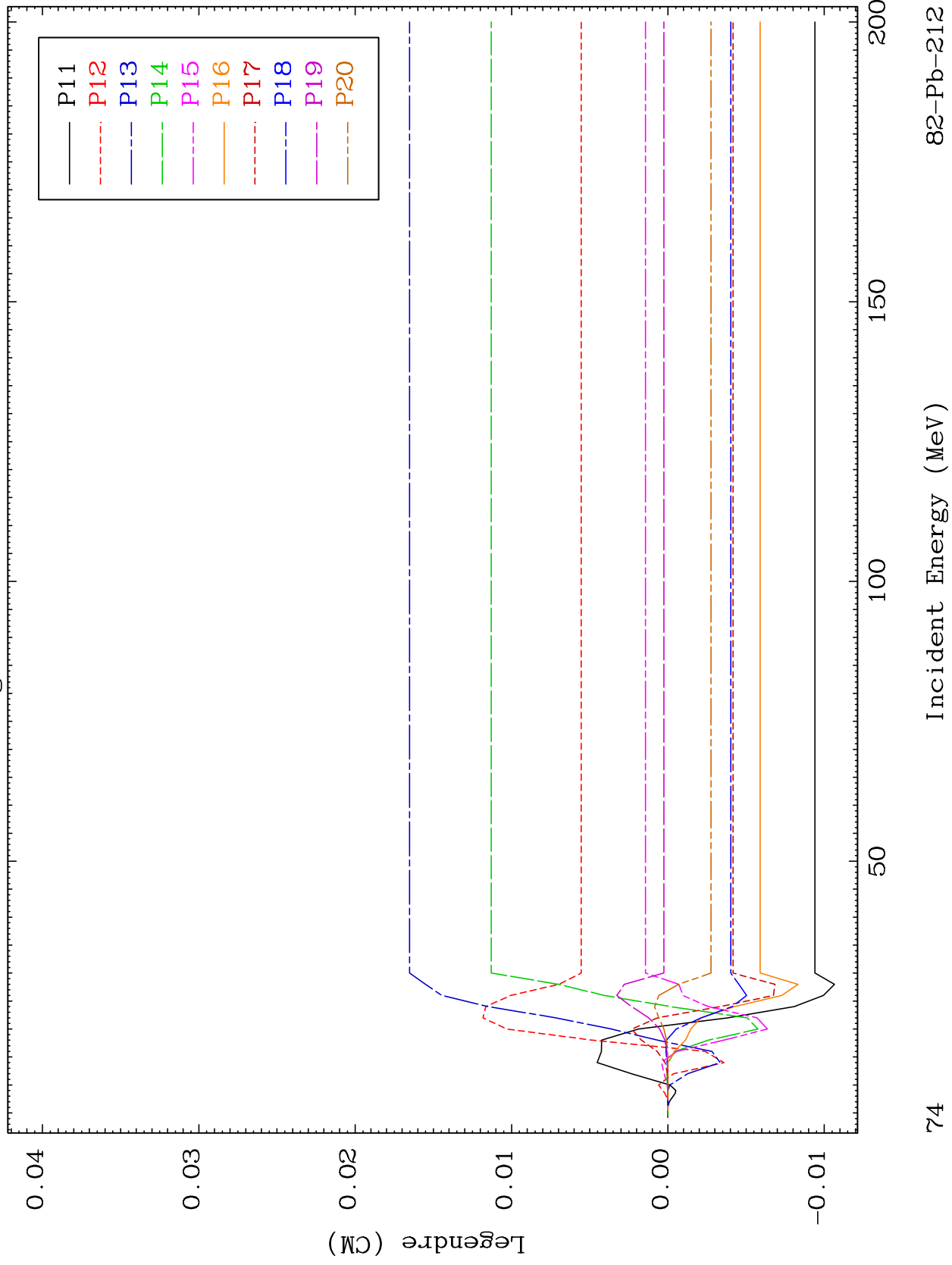
82-Pb-212



MAT 8249

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

82-Pb-212



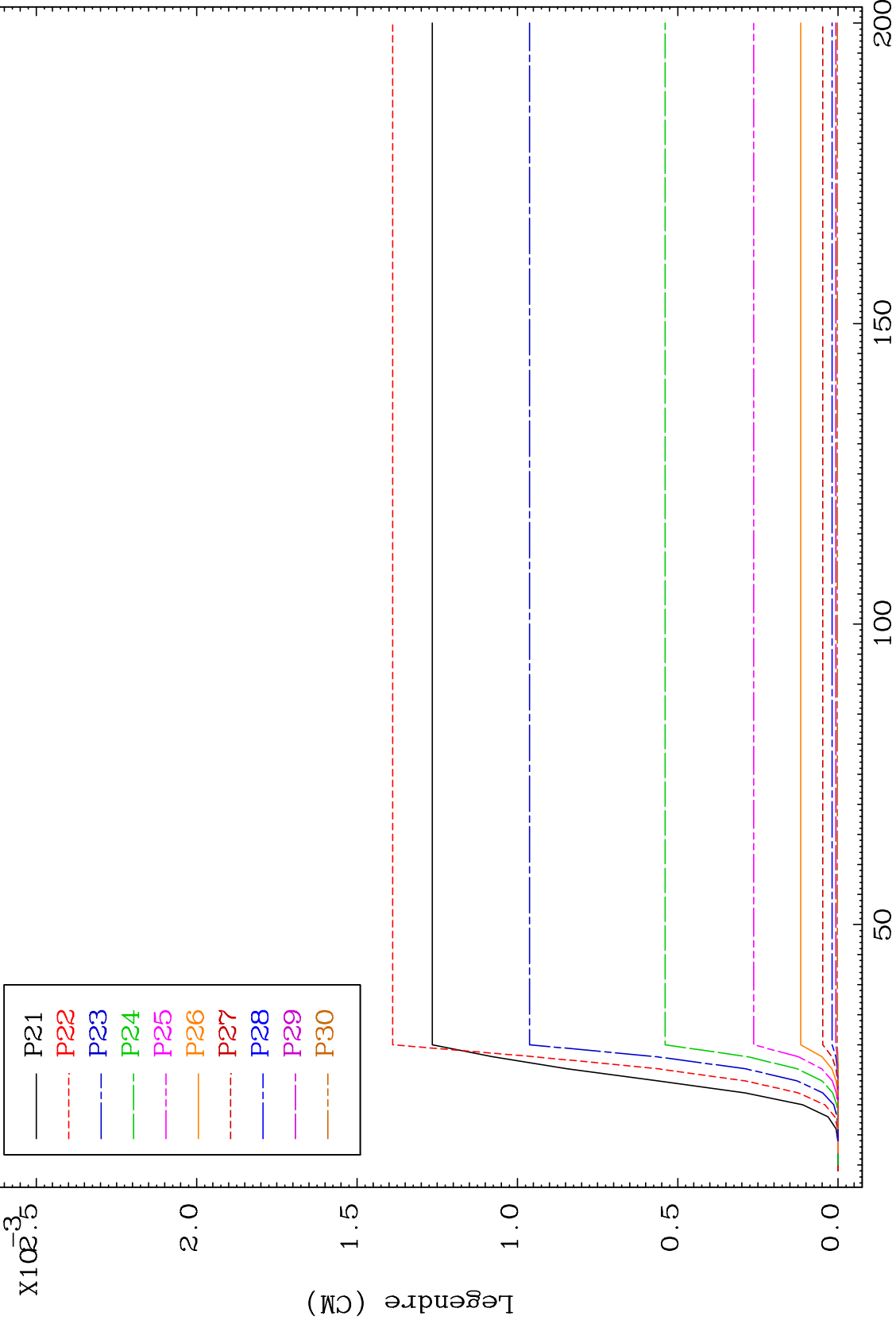
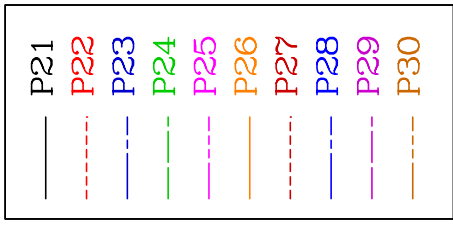
74

82-Pb-212

MAT 8249

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

82-Pb-212



75

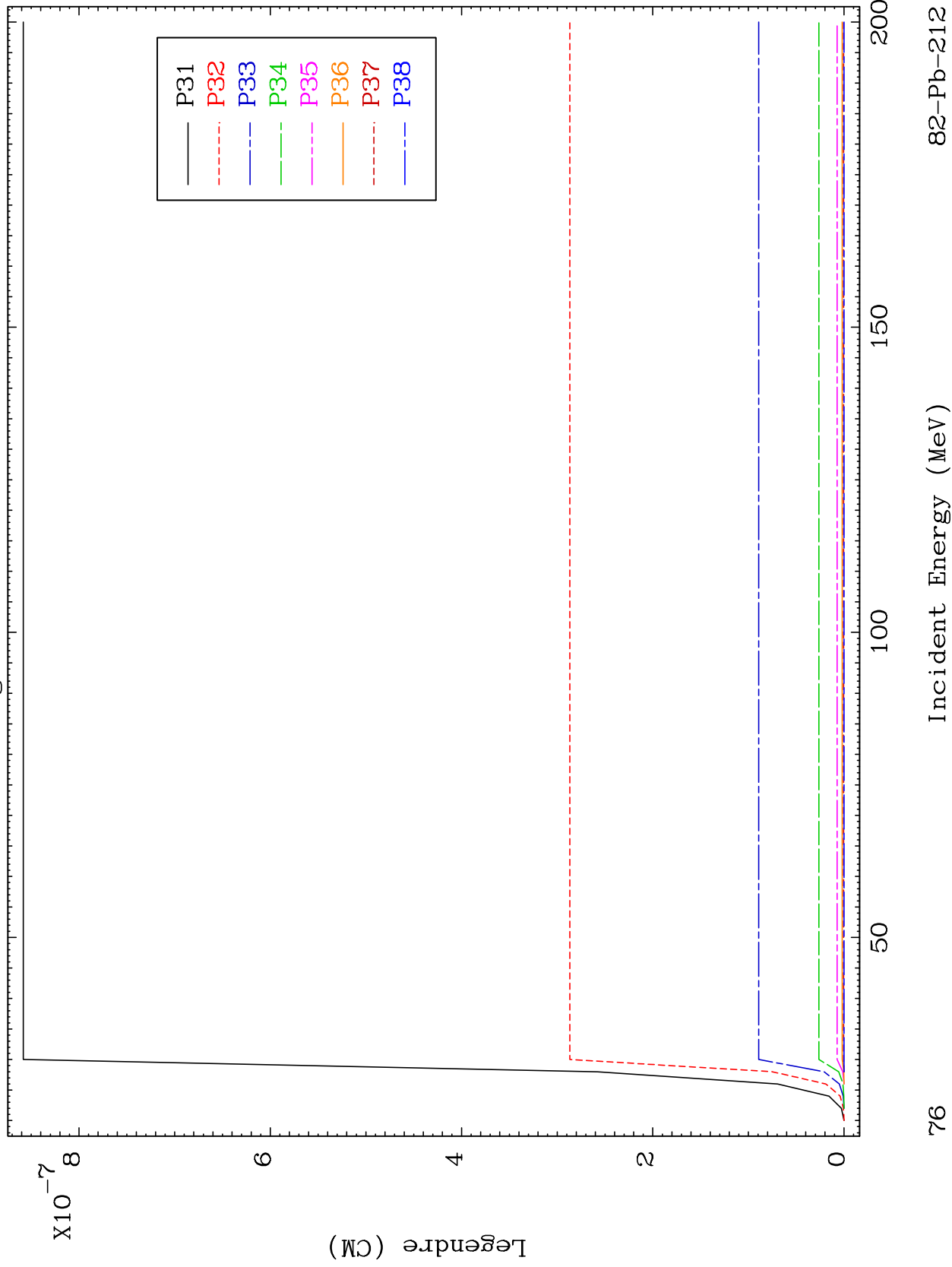
Incident Energy (MeV)

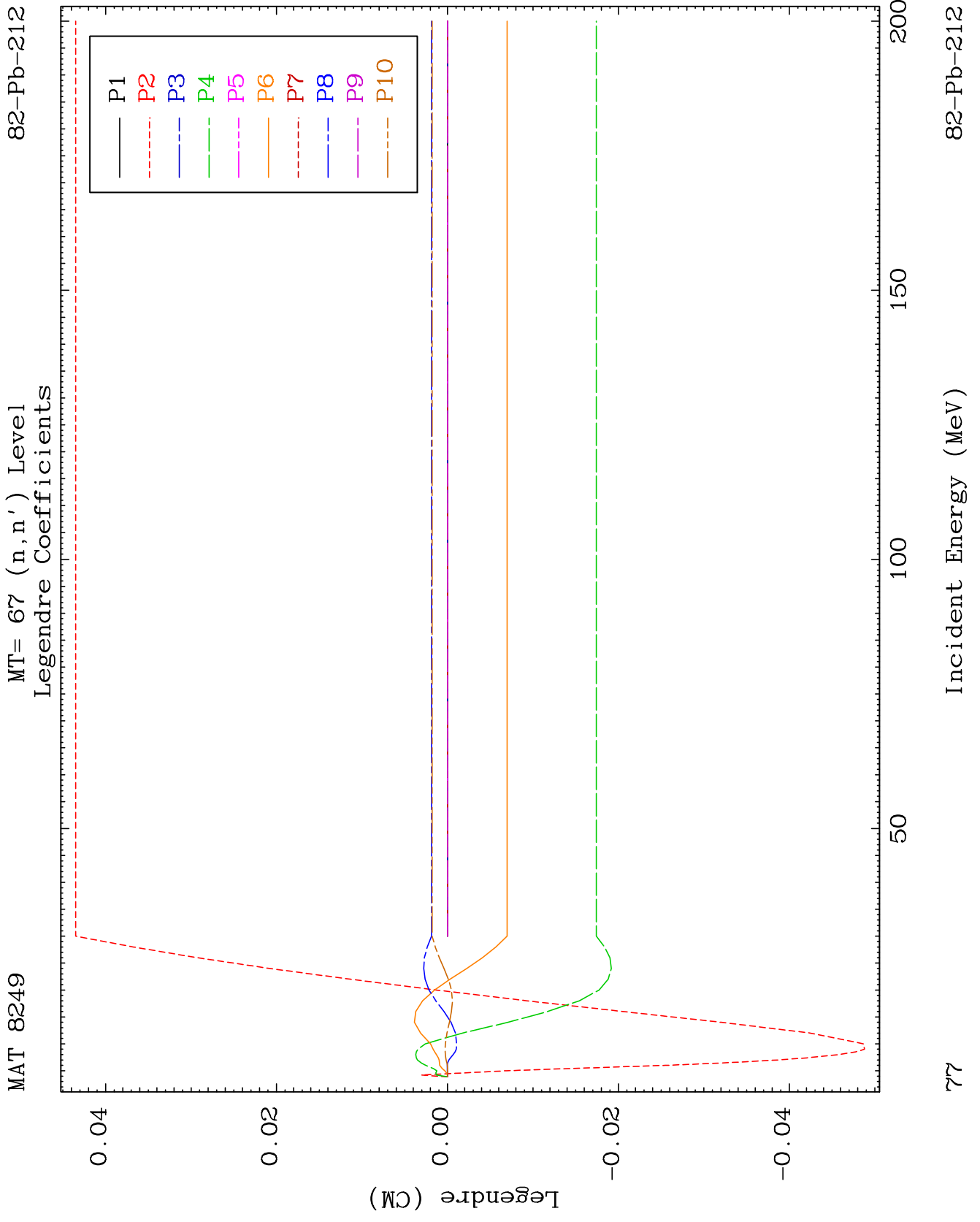
82-Pb-212

MAT 8249

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

82-Pb-212

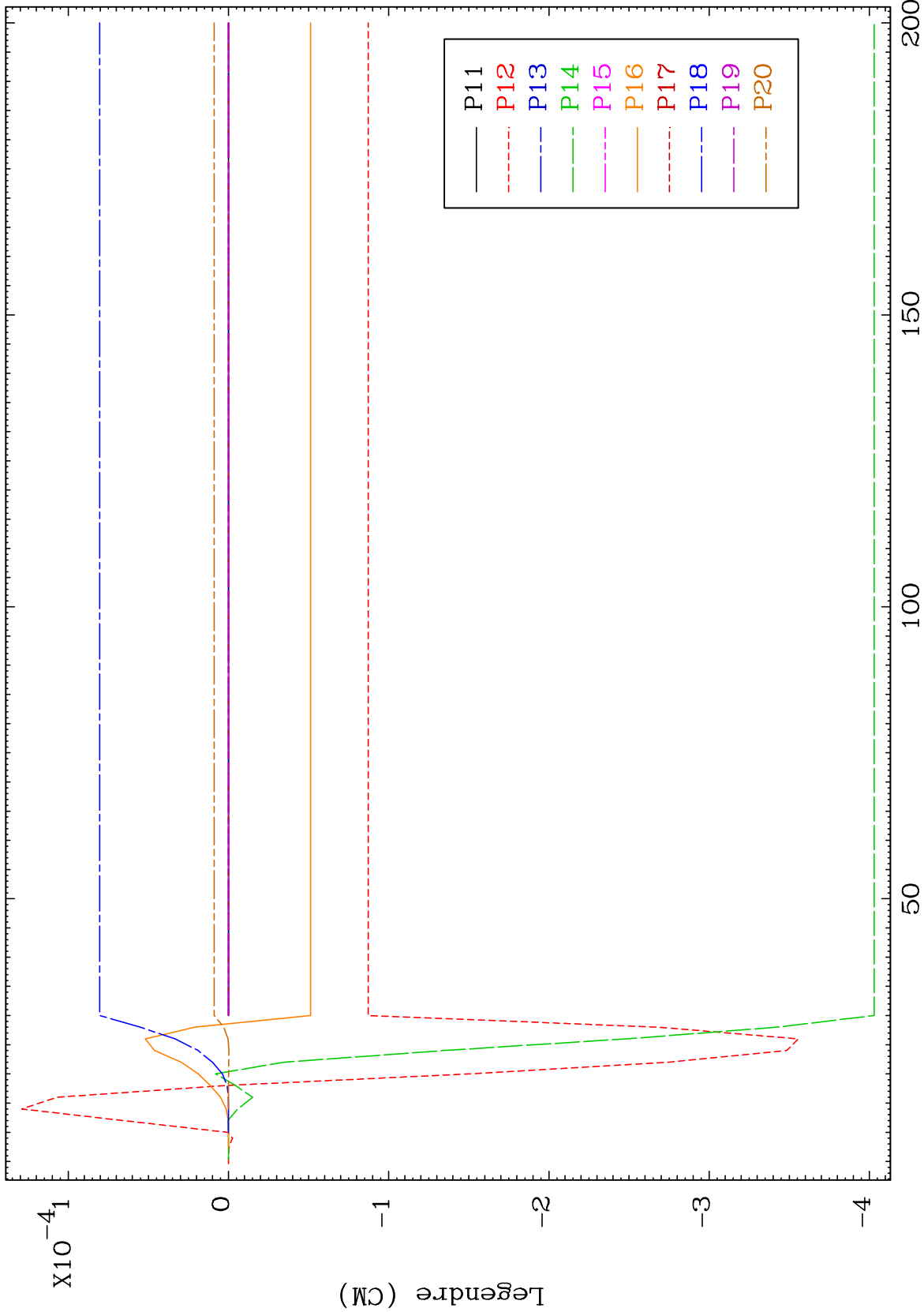




MAT 8249

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

82-Pb-212



78

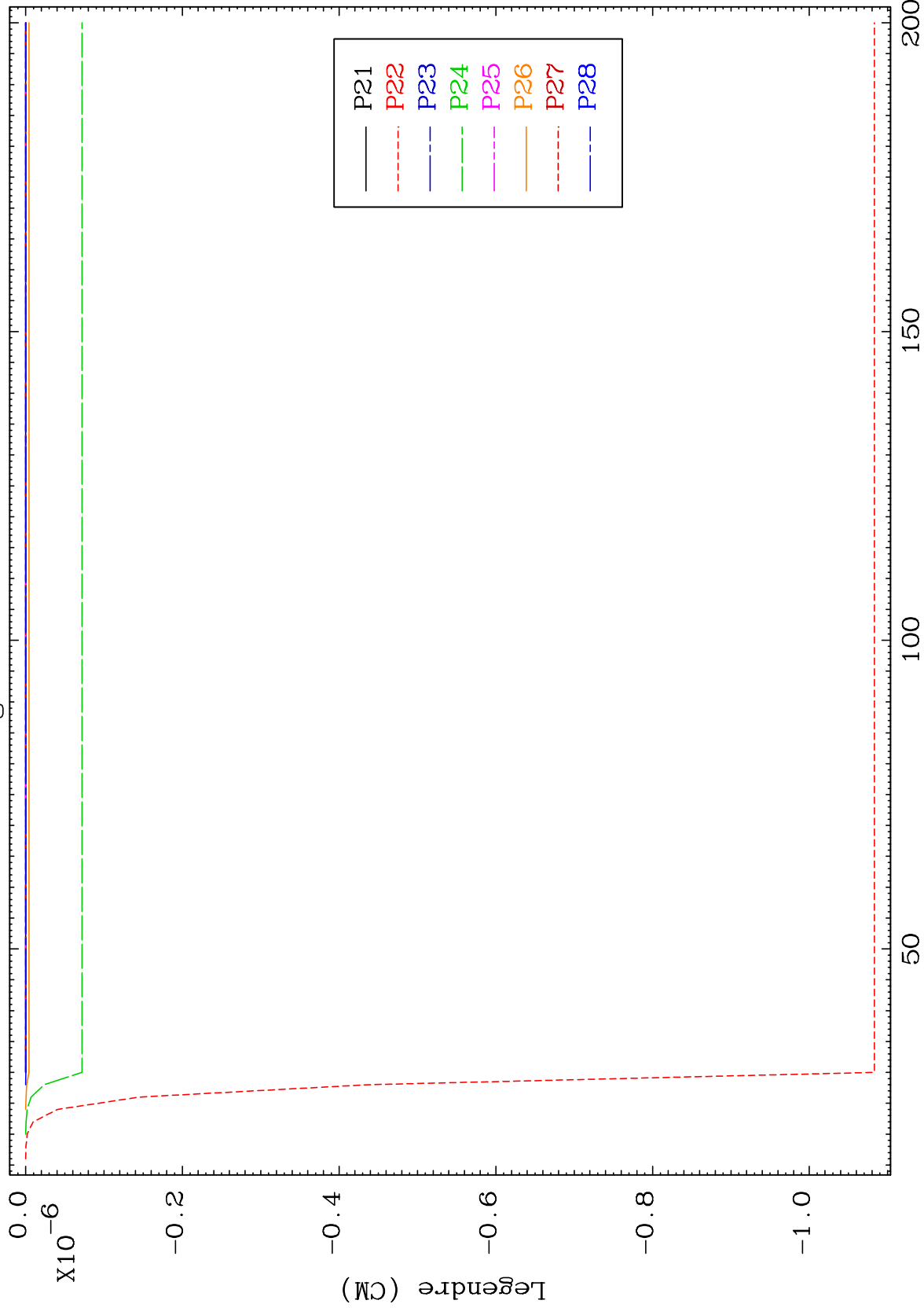
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



79

Incident Energy (MeV)

82-Pb-212

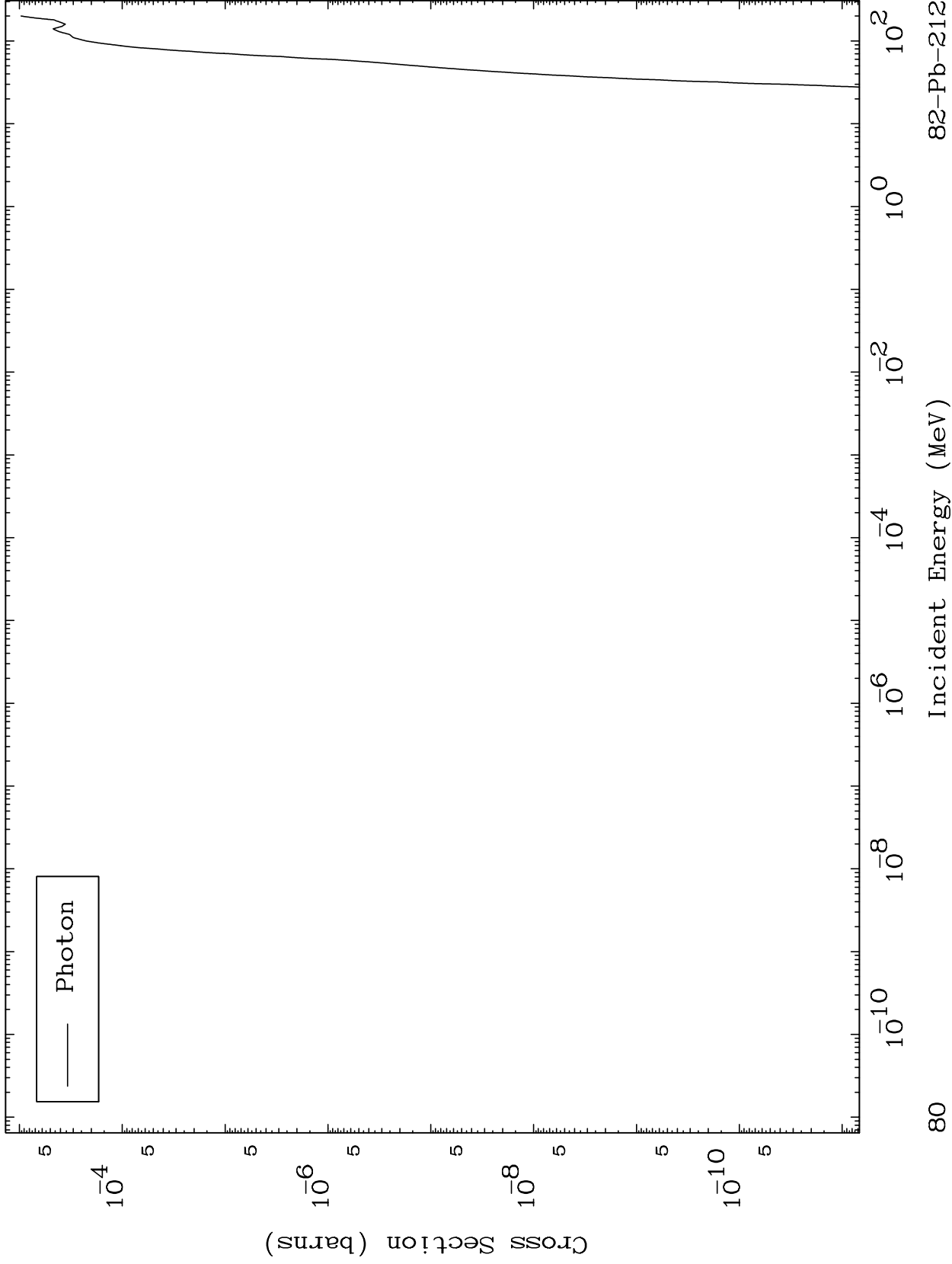


MAT 8249

Fission

82-Pb-212

Radionuclide Production Cross Section



80

Incident Energy (MeV)

82-Pb-212