

Program EVALPLOT  
(Version 2021-1)

by

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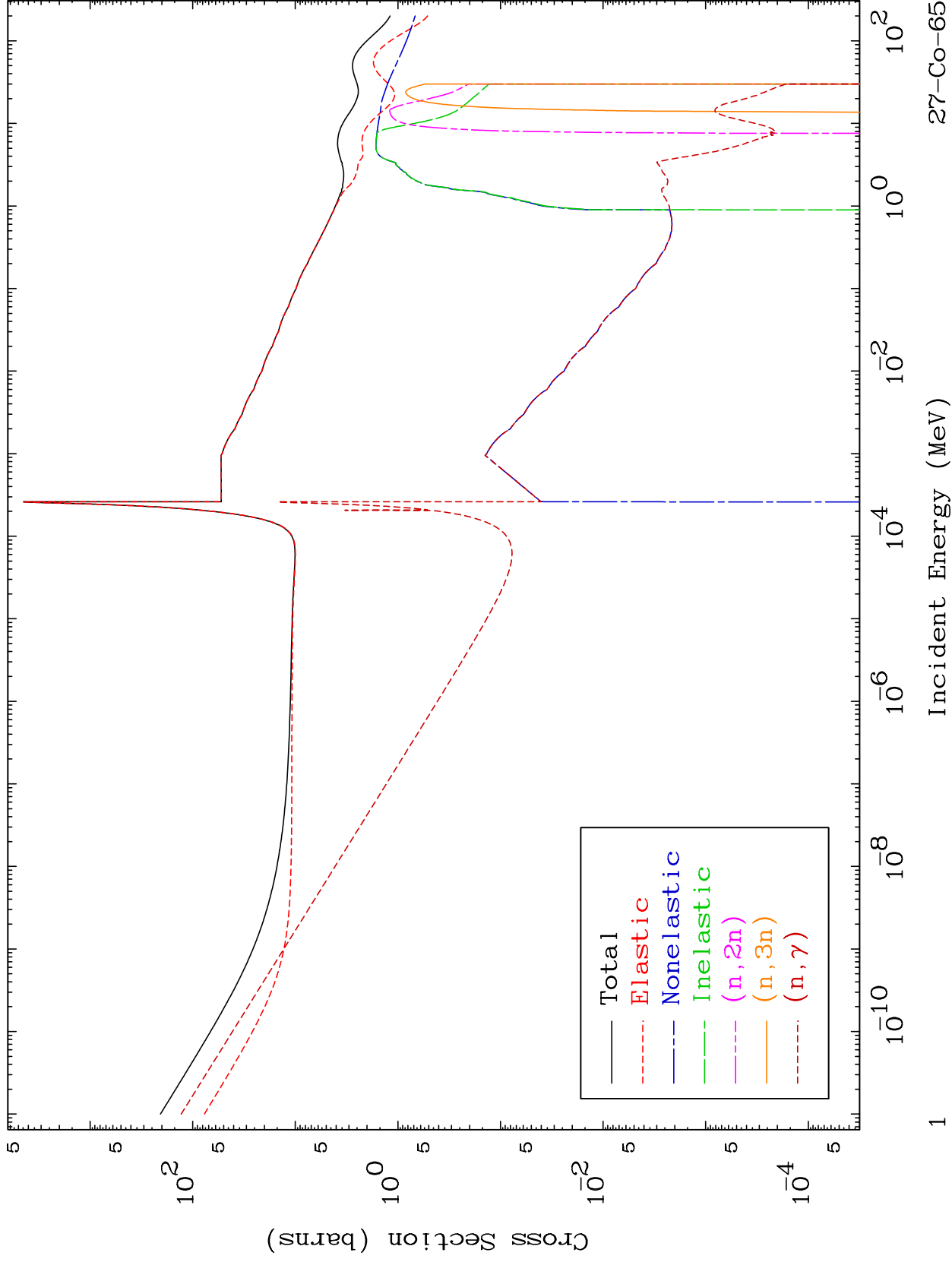
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Press Mouse Button to Start

MAT 2743

Neutron Major  
293 Kelvin Cross Sections

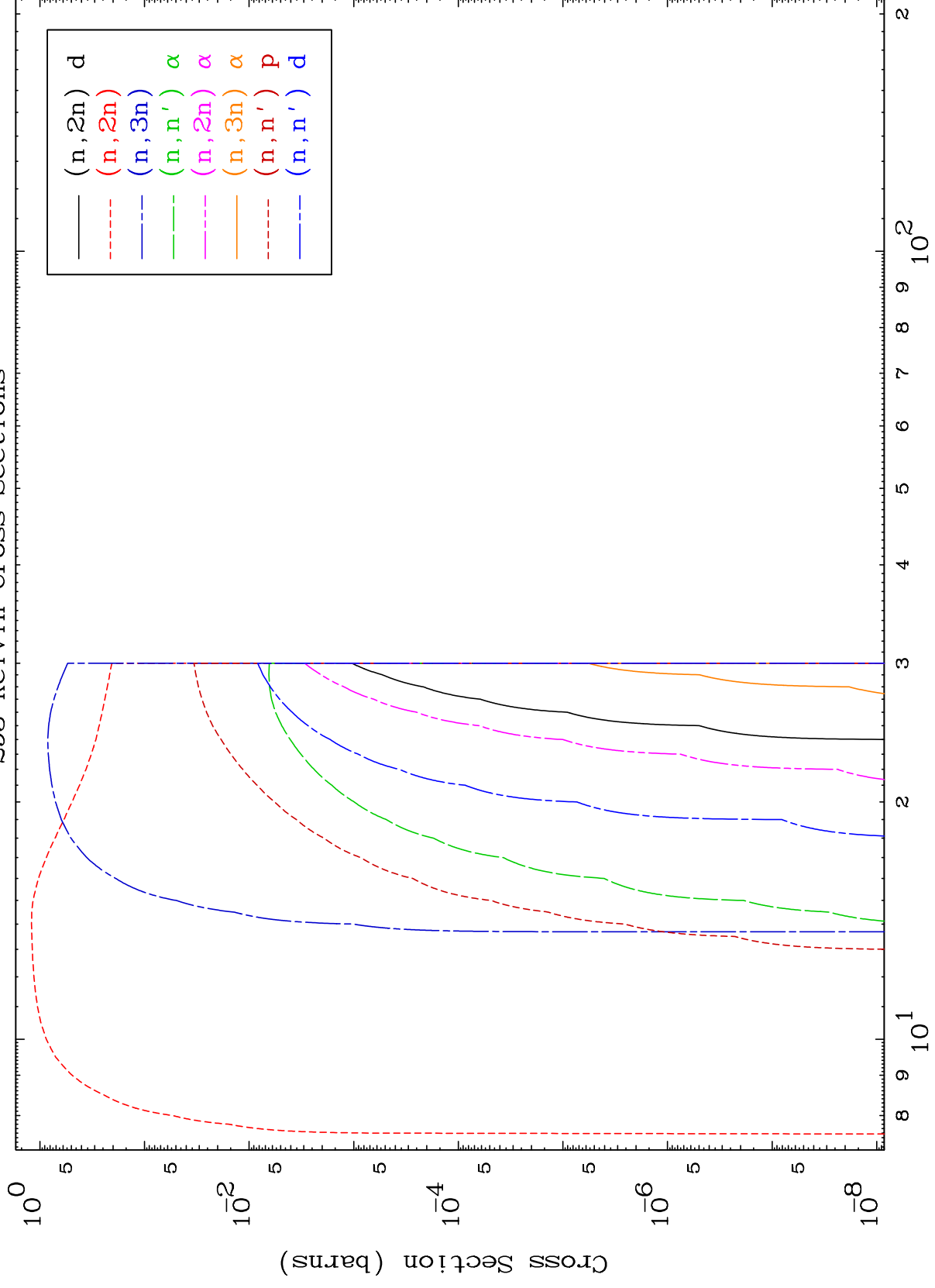
27-Co-65



MAT 2743

Neutron Absorption  
293 Kelvin Cross Sections

27-Co-65



2

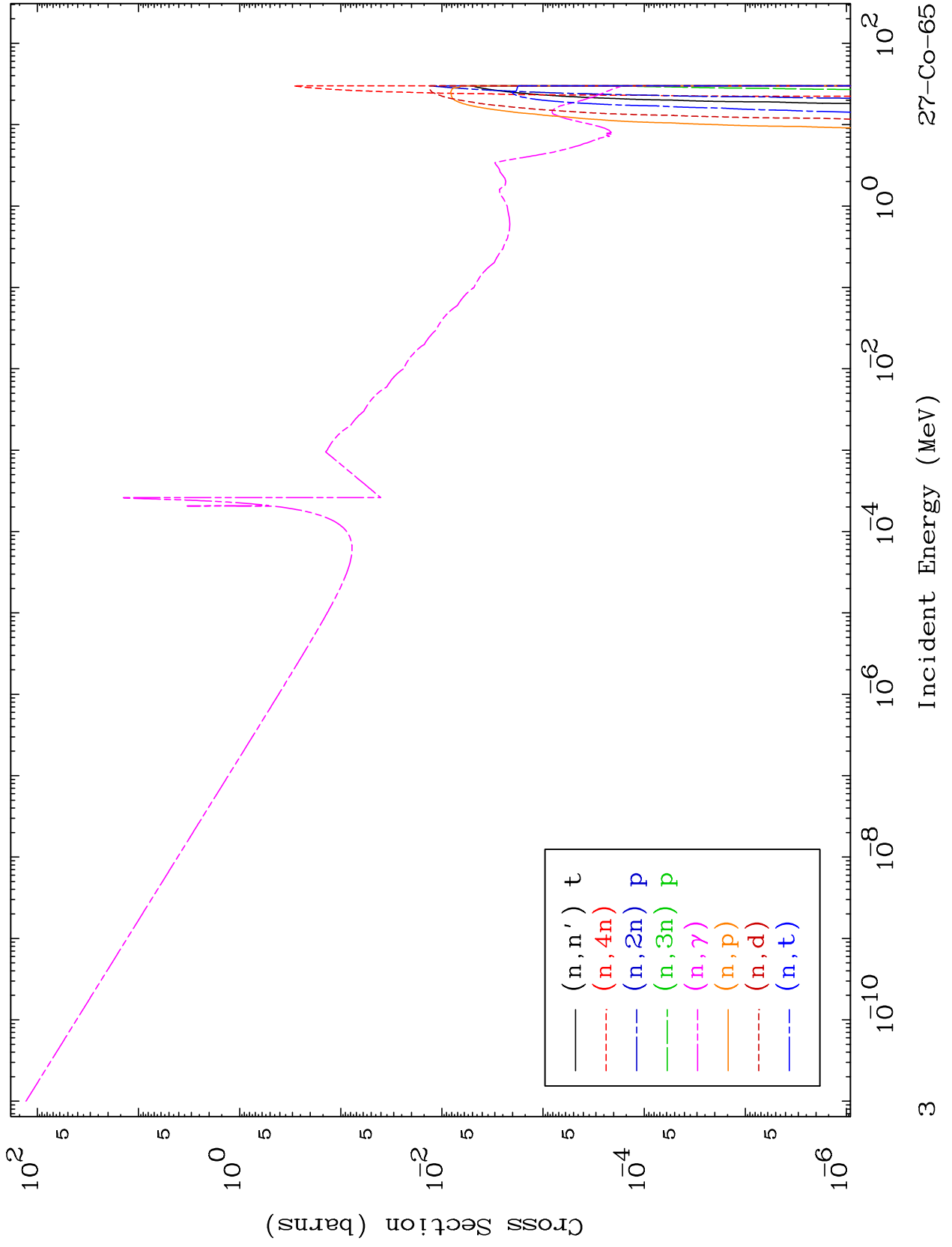
Incident Energy (MeV)

27-Co-65

MAT 2743

Neutron Absorption  
293 Kelvin Cross Sections

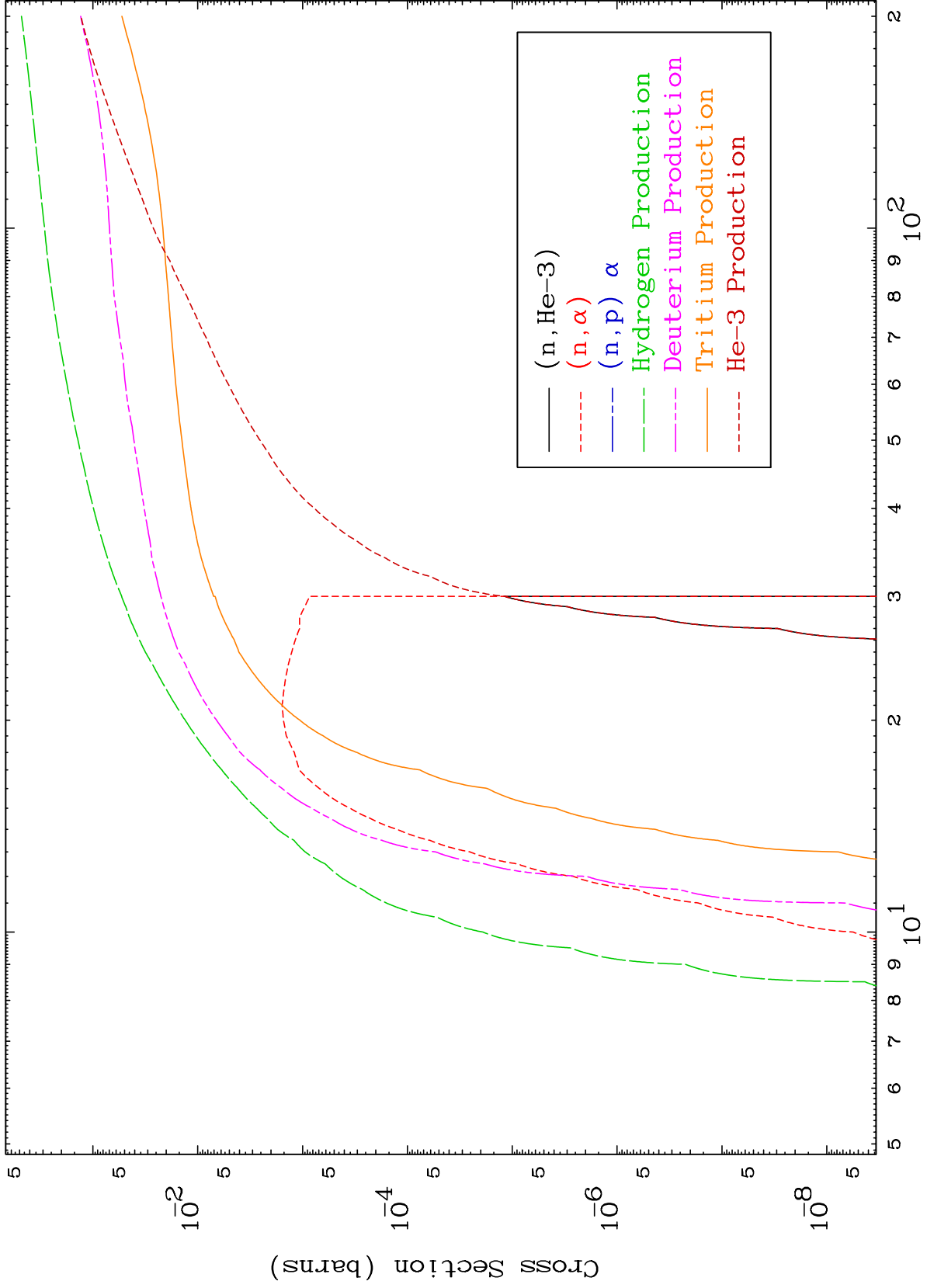
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MAT 2743

Neutron Absorption  
293 Kelvin Cross Sections

27-Co-65



4

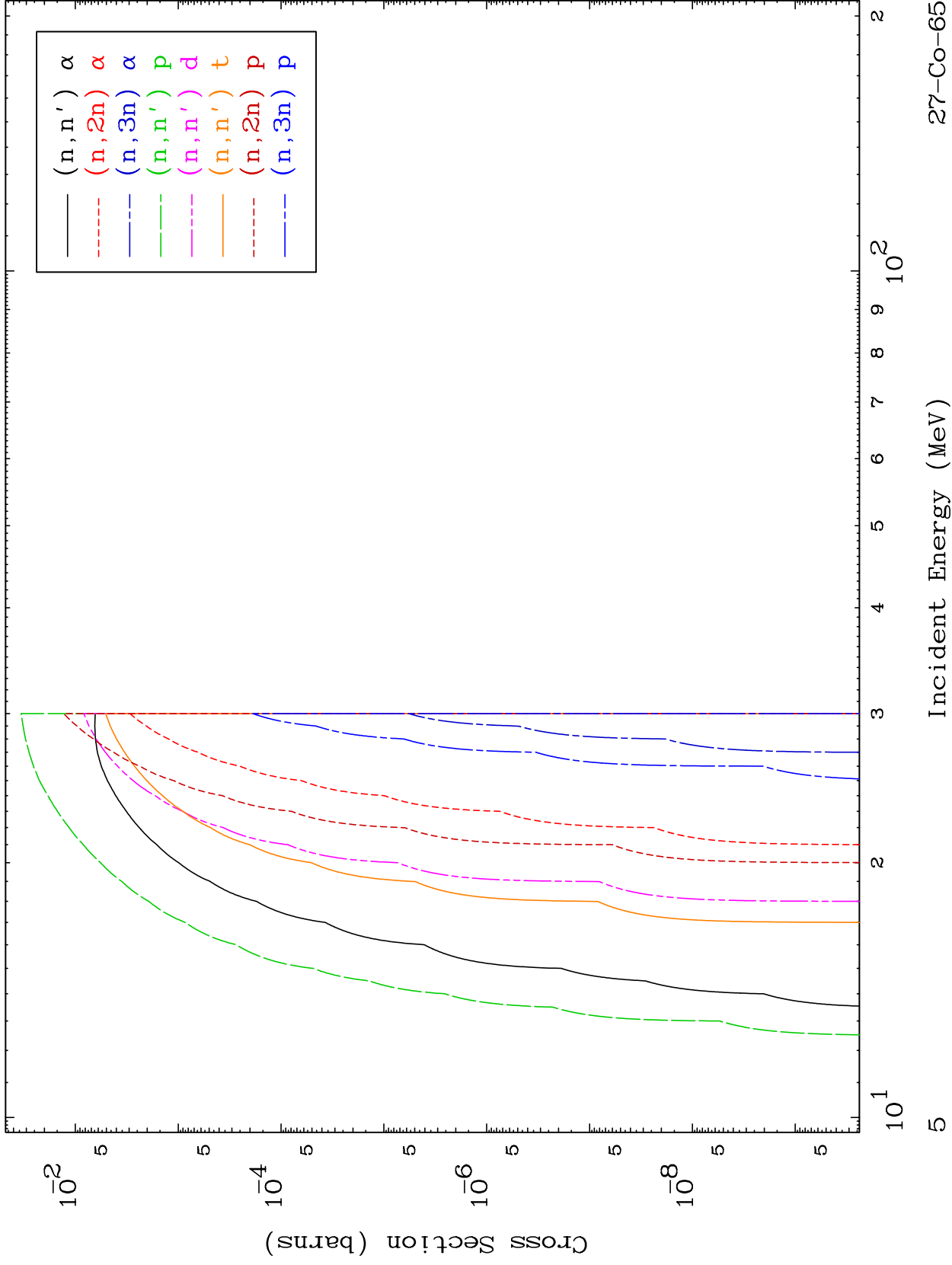
Incident Energy (MeV)

27-Co-65

MAT 2743

Charged Particle  
293 Kelvin Cross Sections

27-Co-65

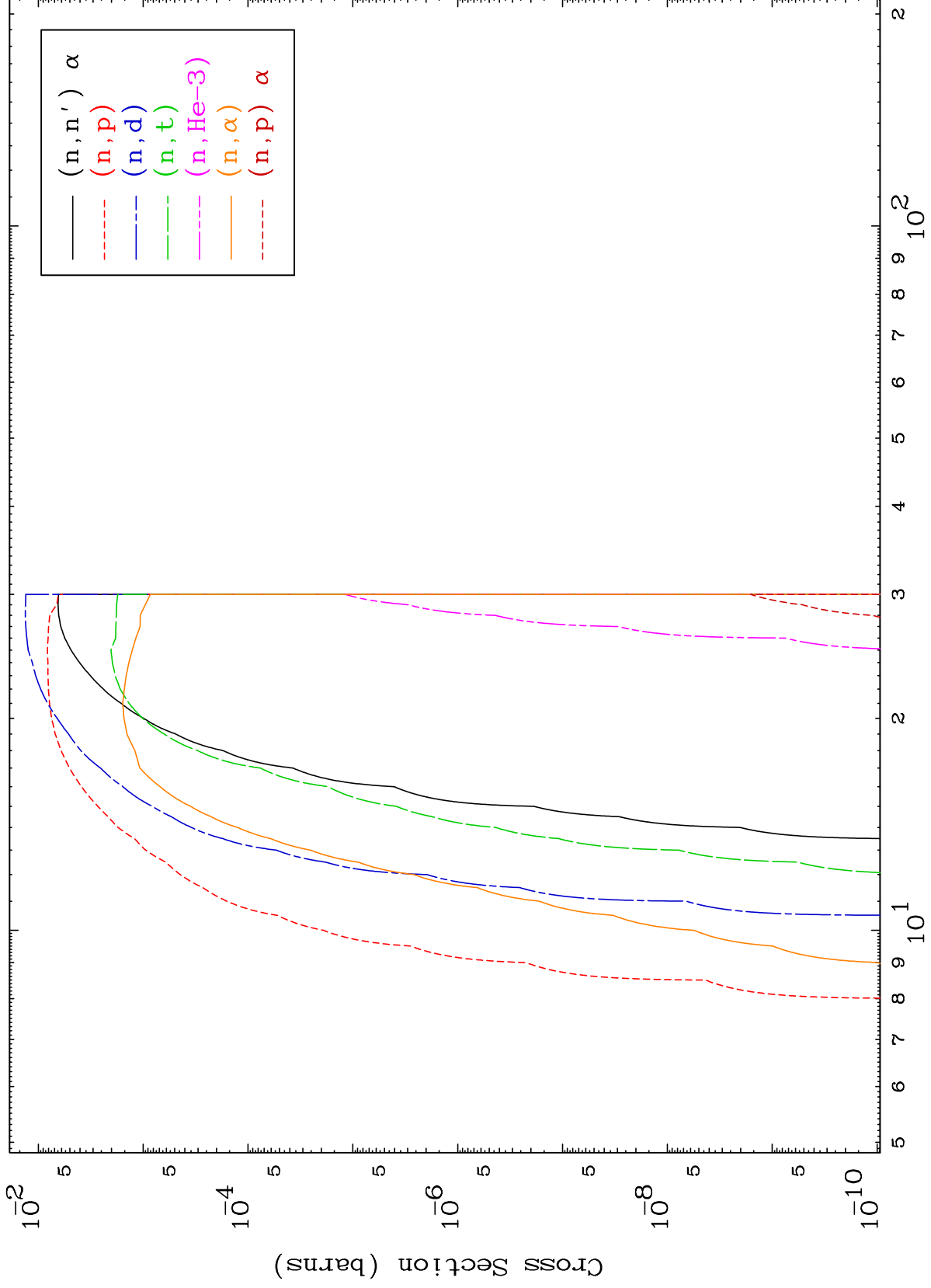


27-Co-65

MAT 2743

Charged Particle  
293 Kelvin Cross Sections

27-Co-65



6

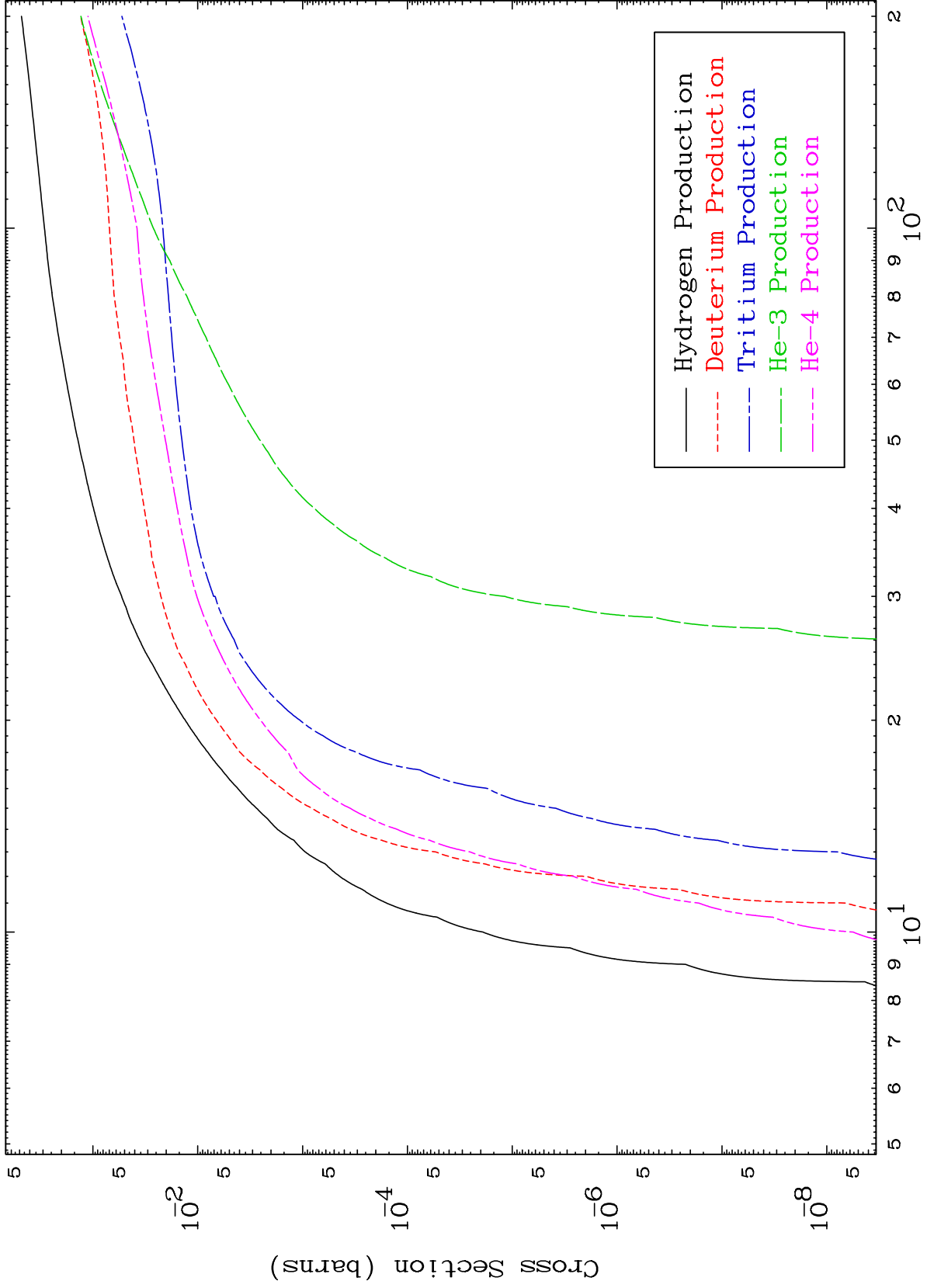
Incident Energy (MeV)

27-Co-65

MAT 2743

Particle Production  
293 Kelvin Cross Sections

27-Co-65



7

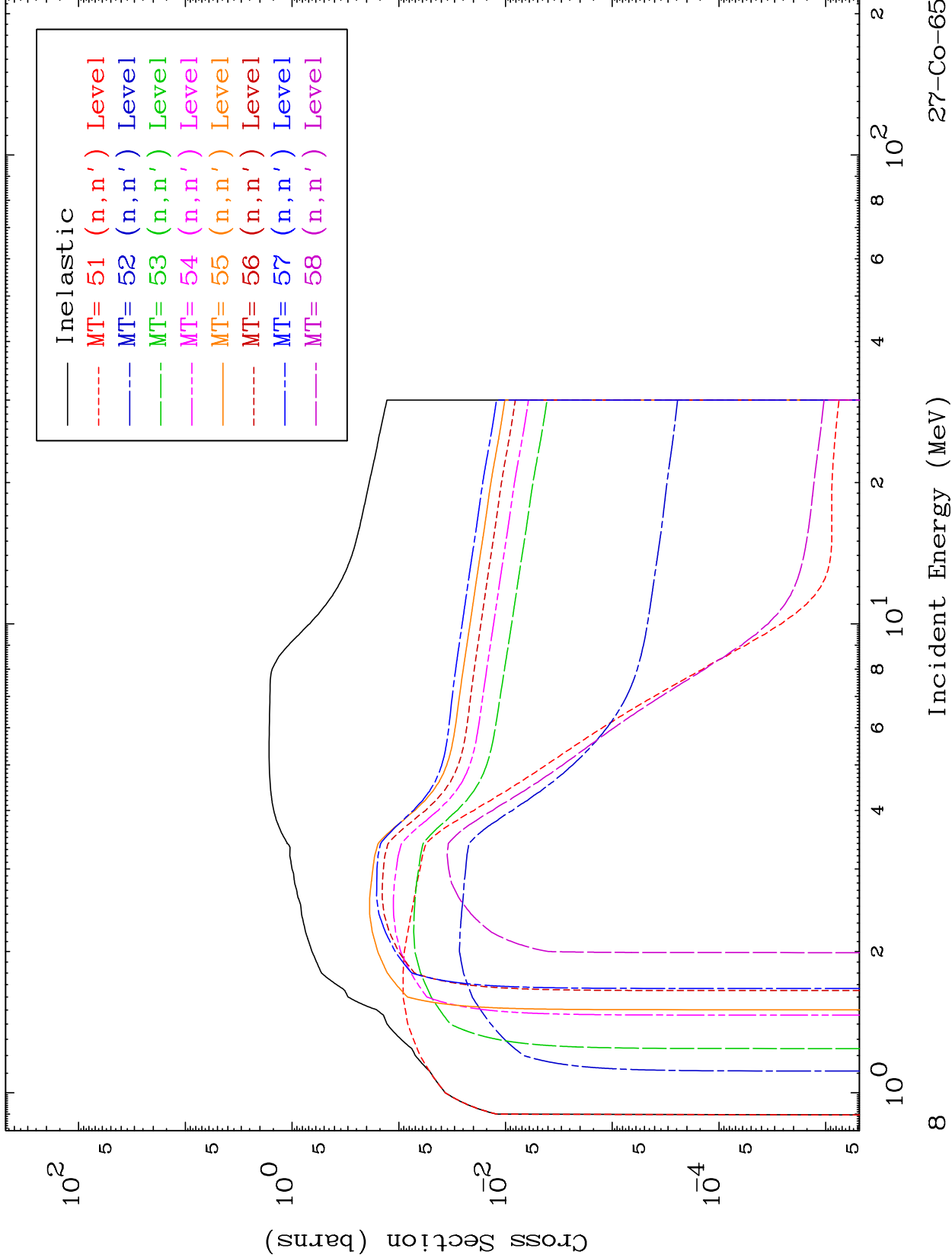
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,n') Levels  
293 Kelvin Cross Sections

27-Co-65

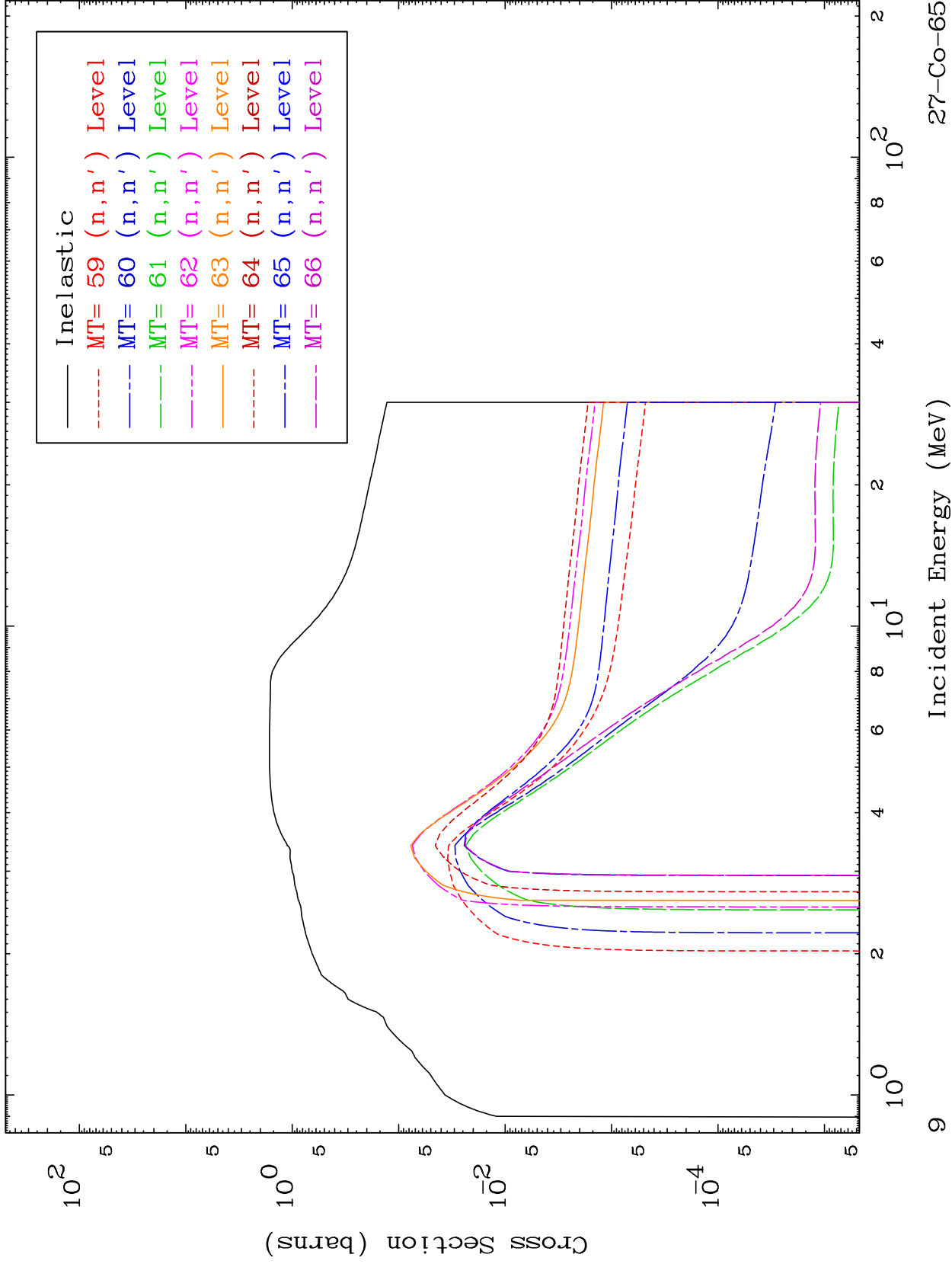


MAT 2743

(n,n') Levels

293 Kelvin Cross Sections

27-Co-65



9

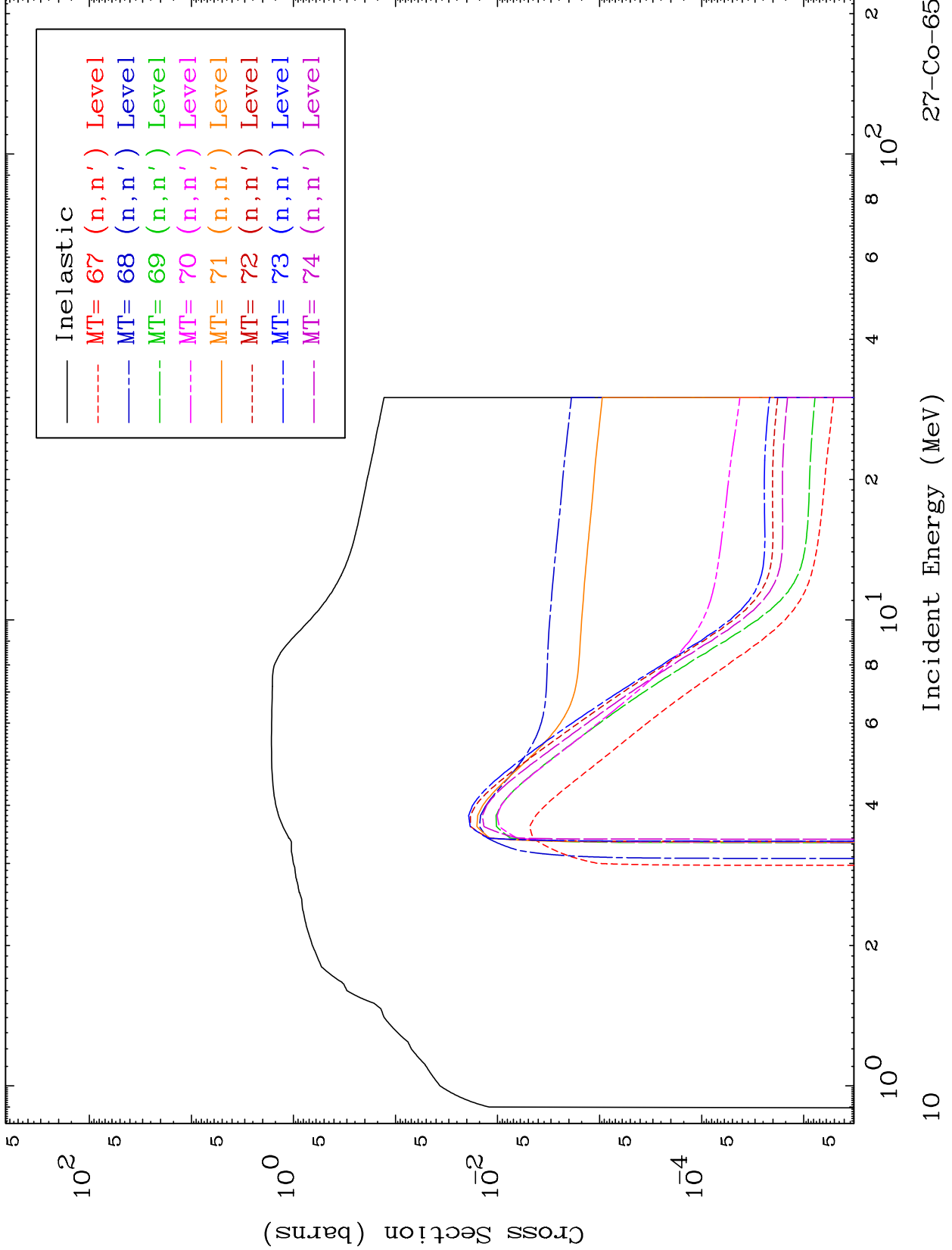
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,n') Levels  
293 Kelvin Cross Sections

27-Co-65

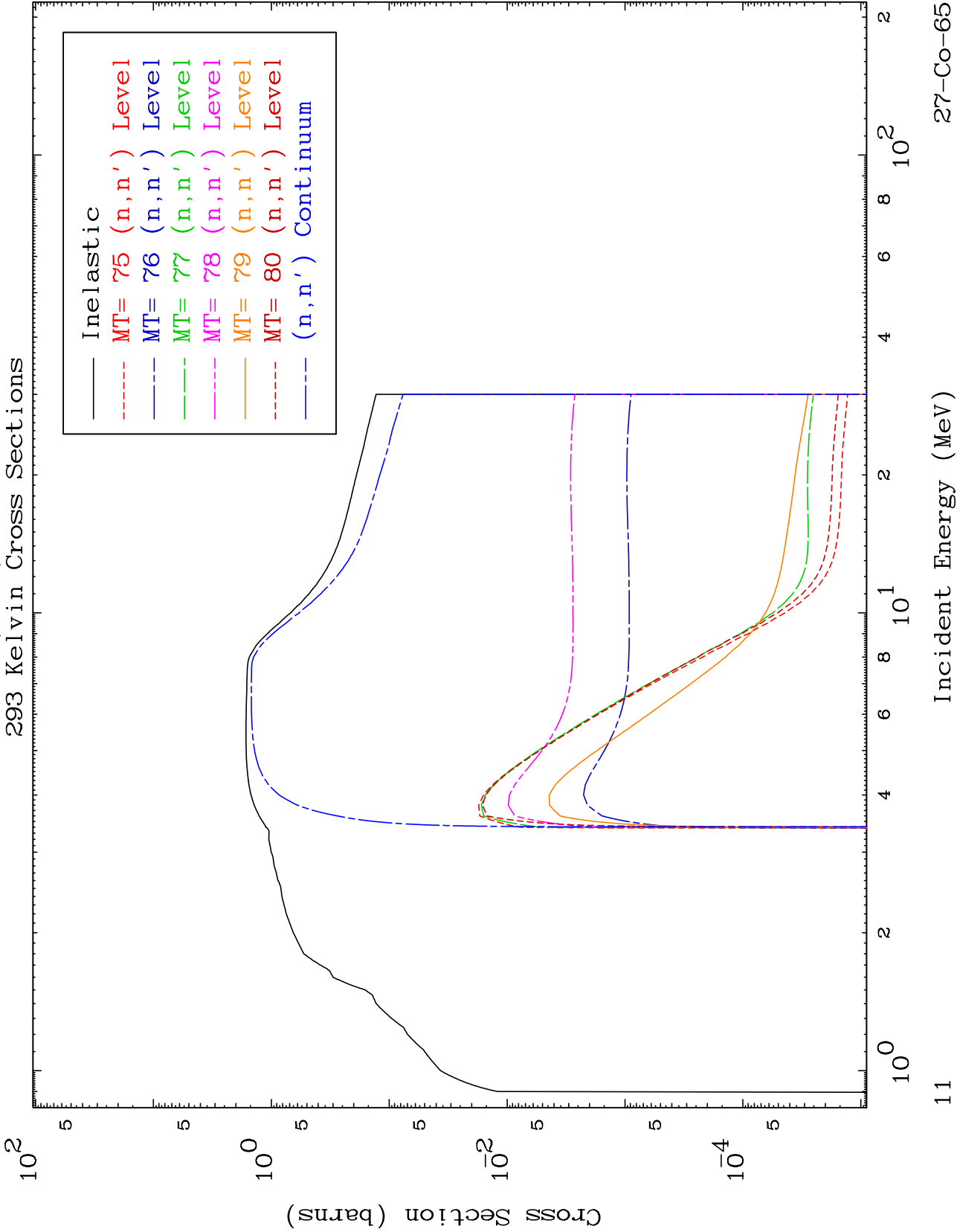


27-Co-65

MAT 2743

(n,n') Levels

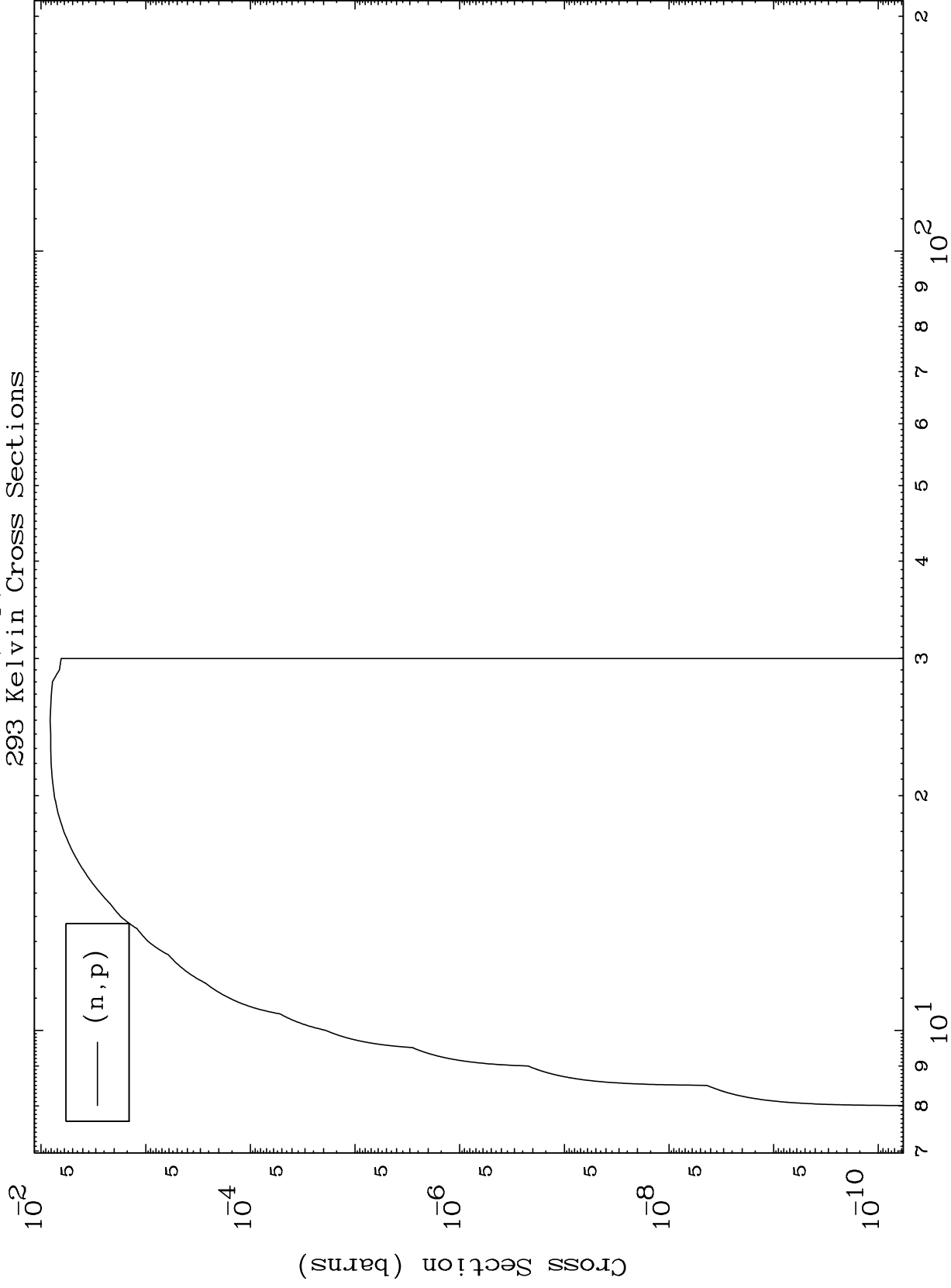
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MAT 2743

(n,p) Levels  
293 Kelvin Cross Sections

27-Co-65



12

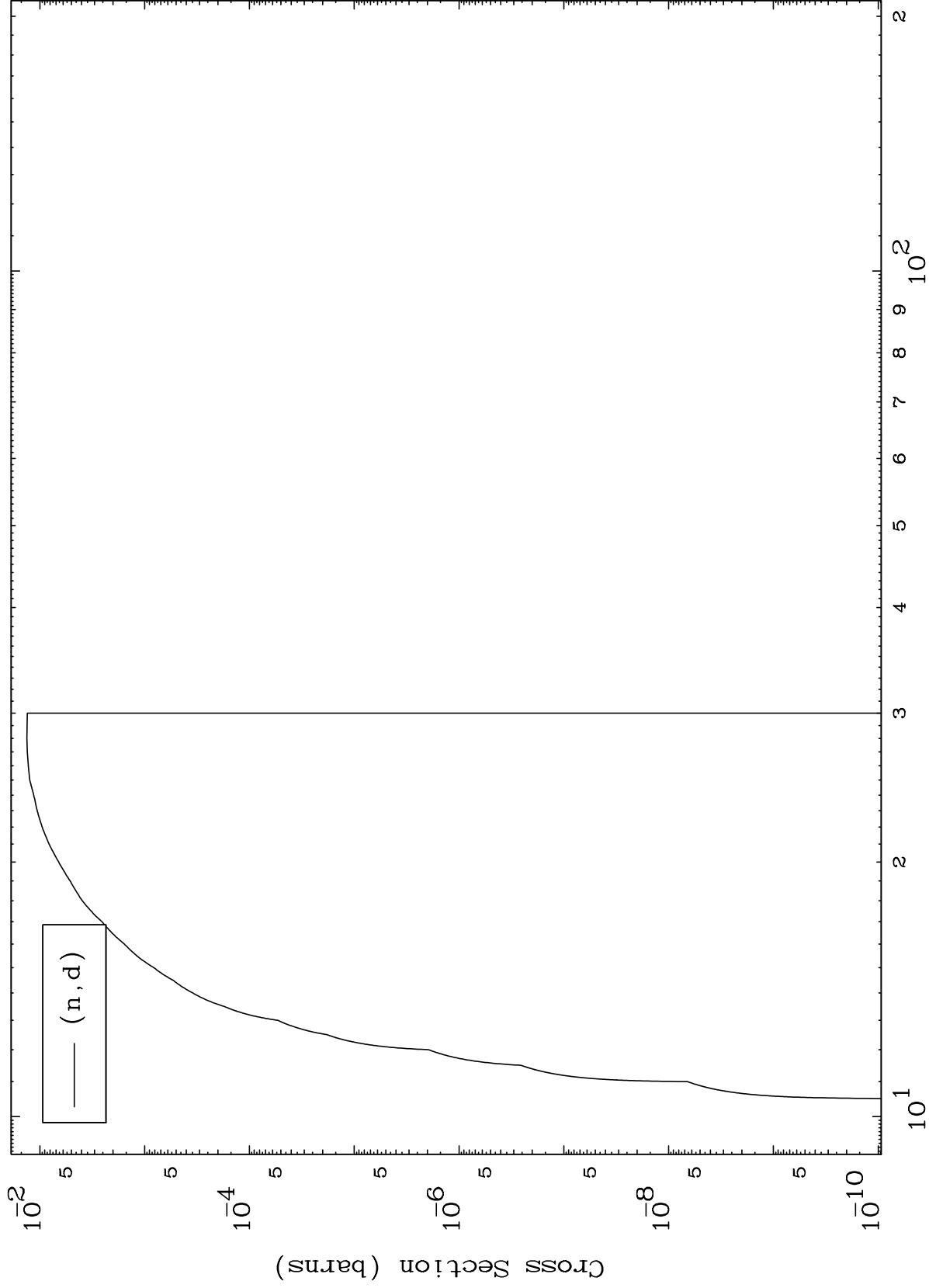
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27-Co-65

MAT 2743

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-65



13

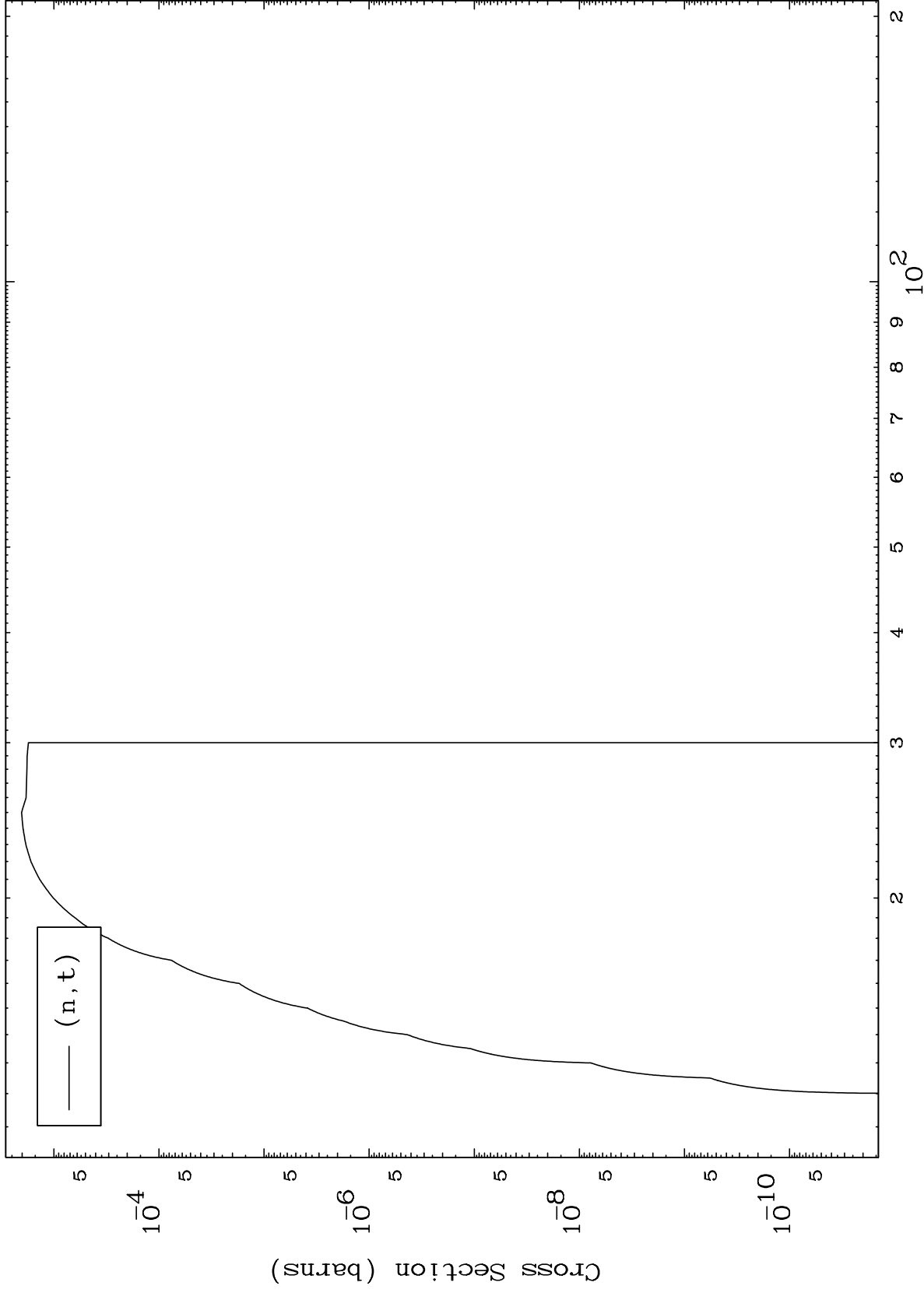
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-65



14

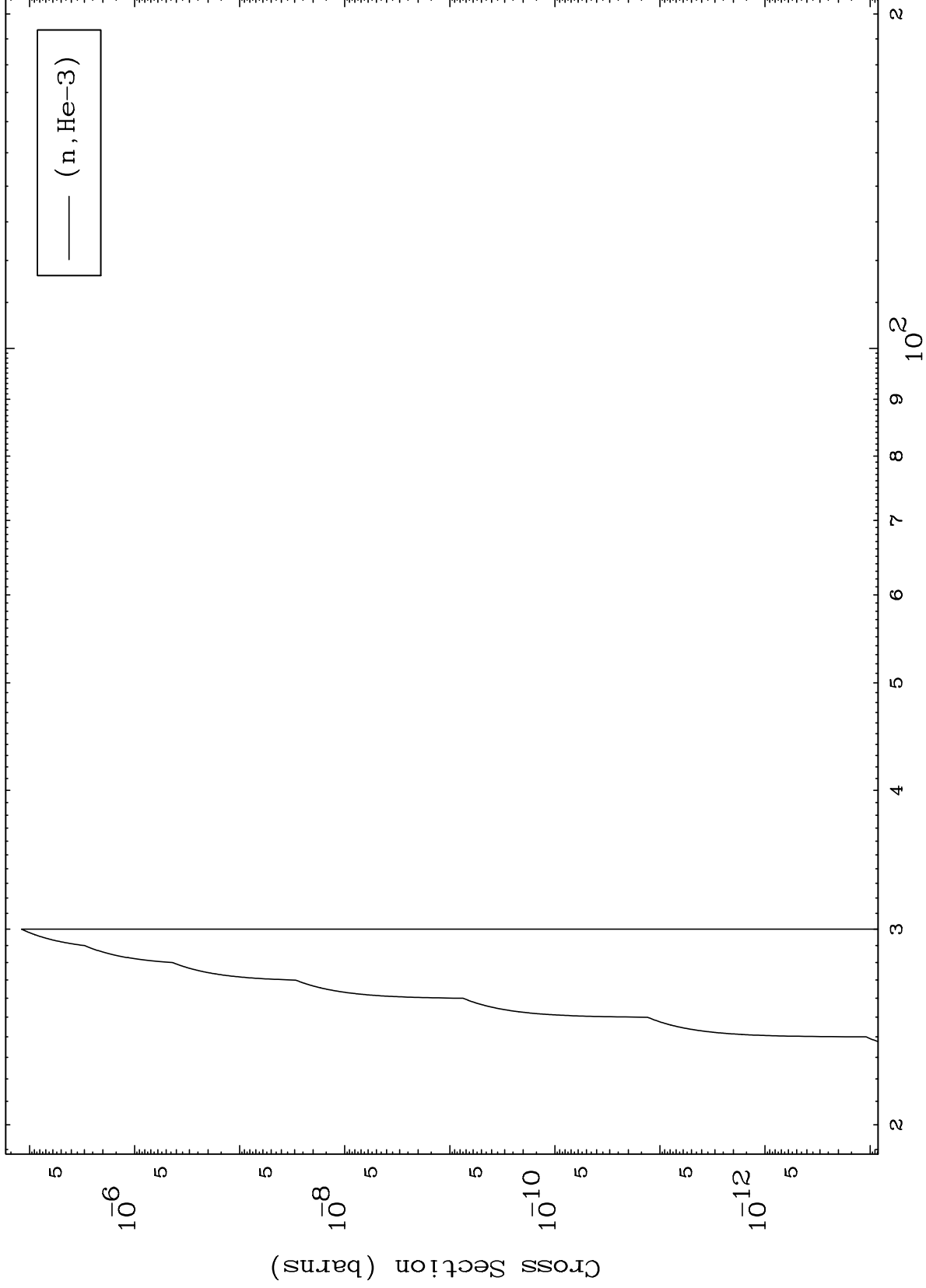
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-65



15

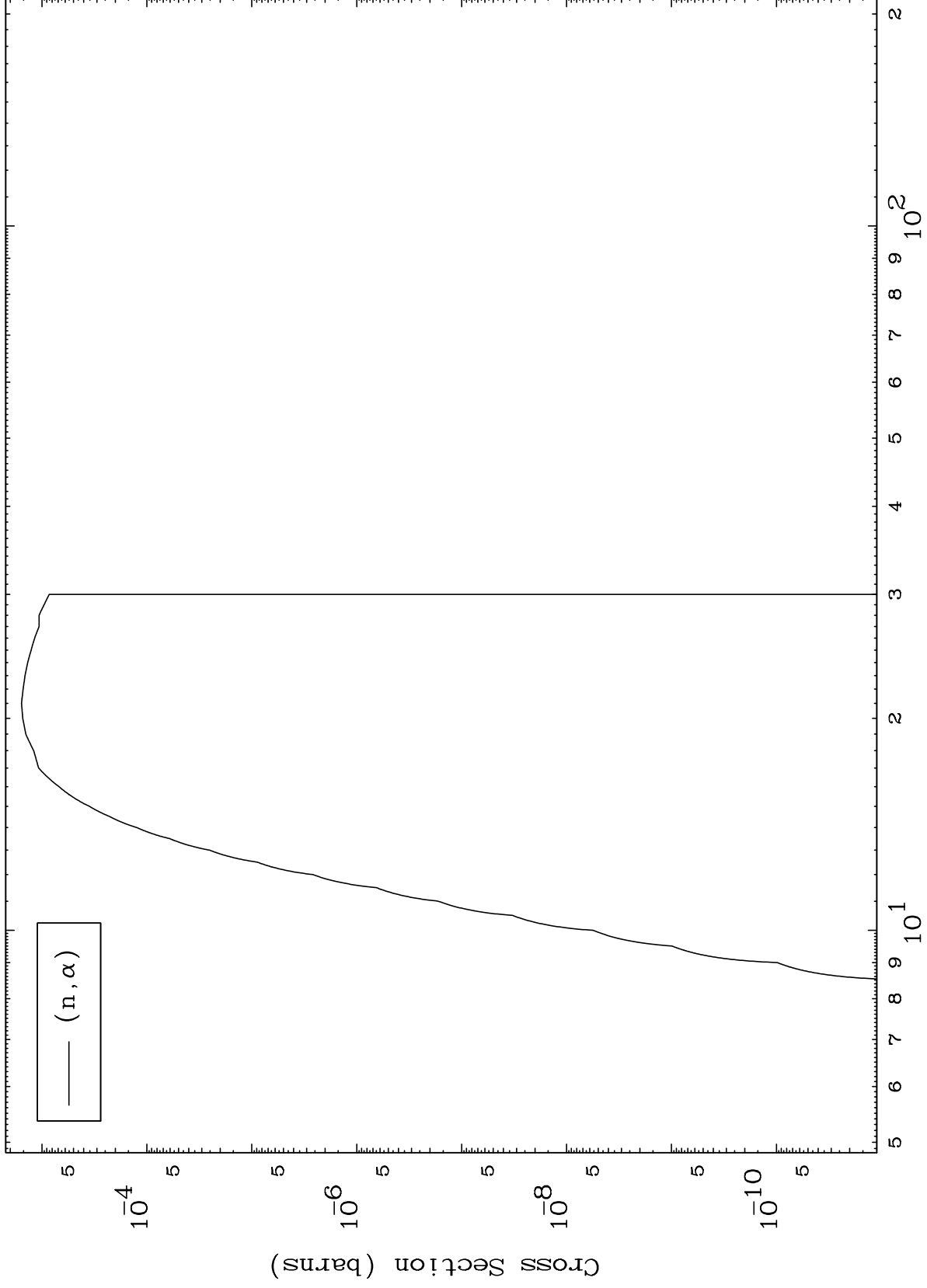
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



16

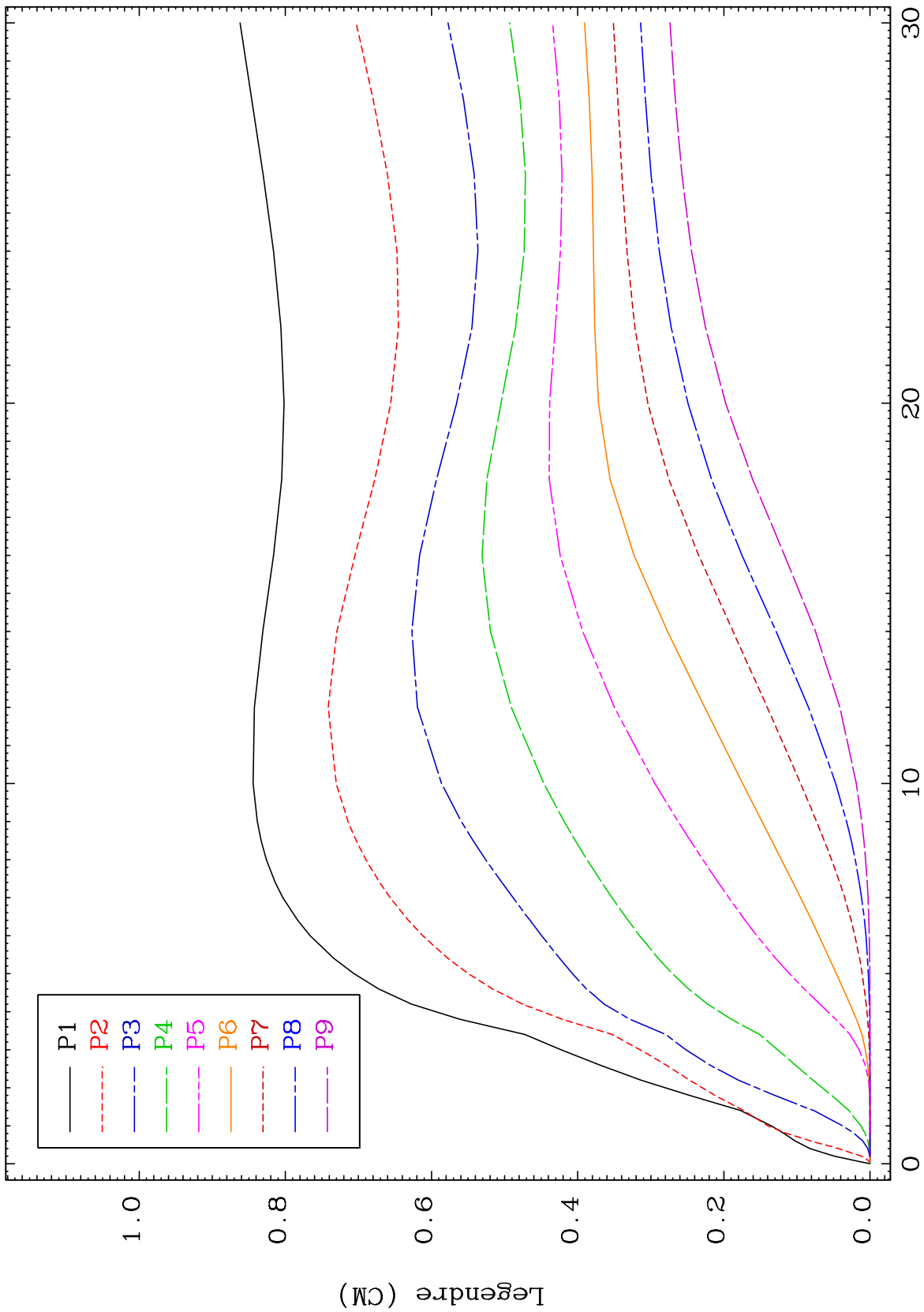
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



17

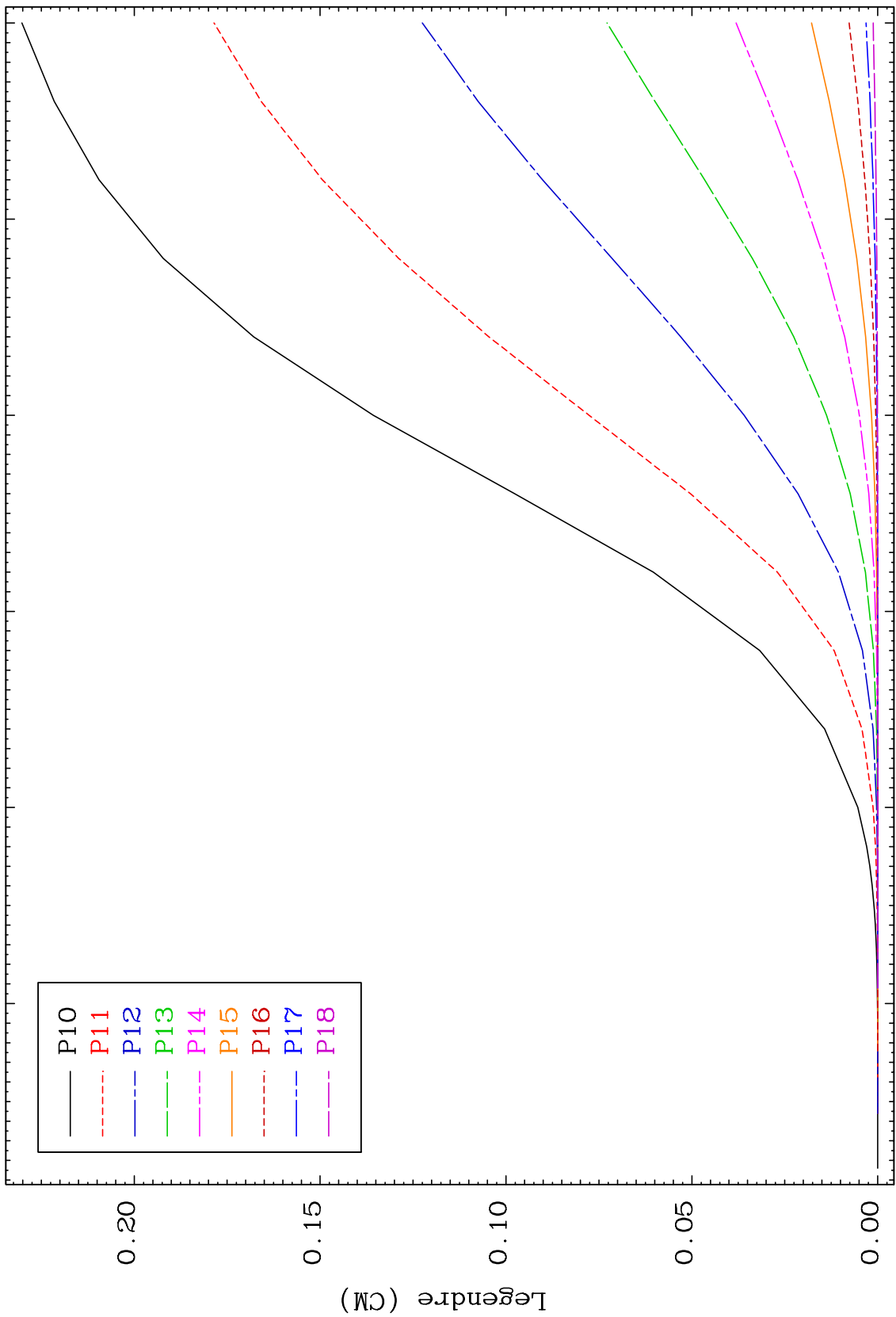
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



18

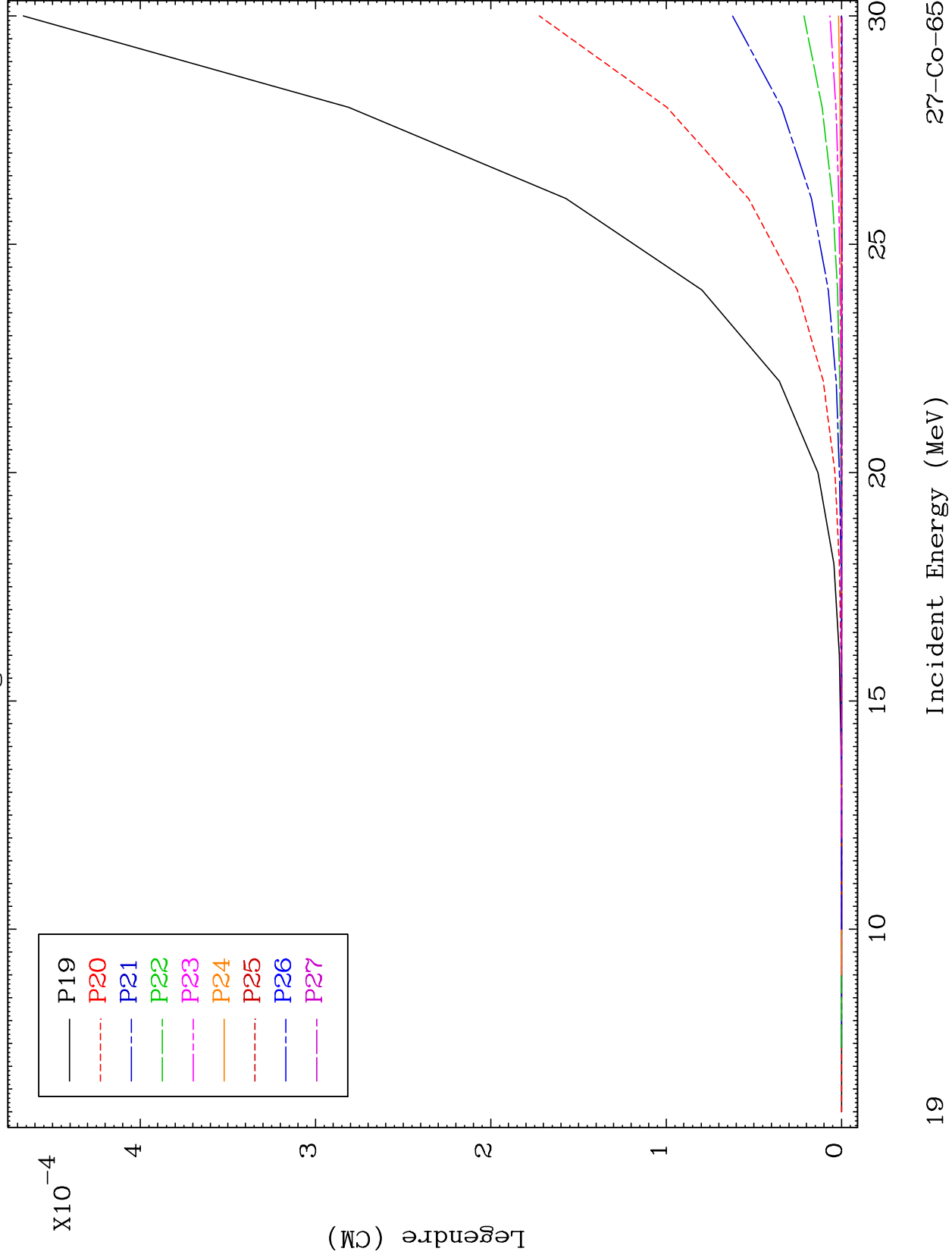
Incident Energy (MeV)

27-Co-65

MAT 2743

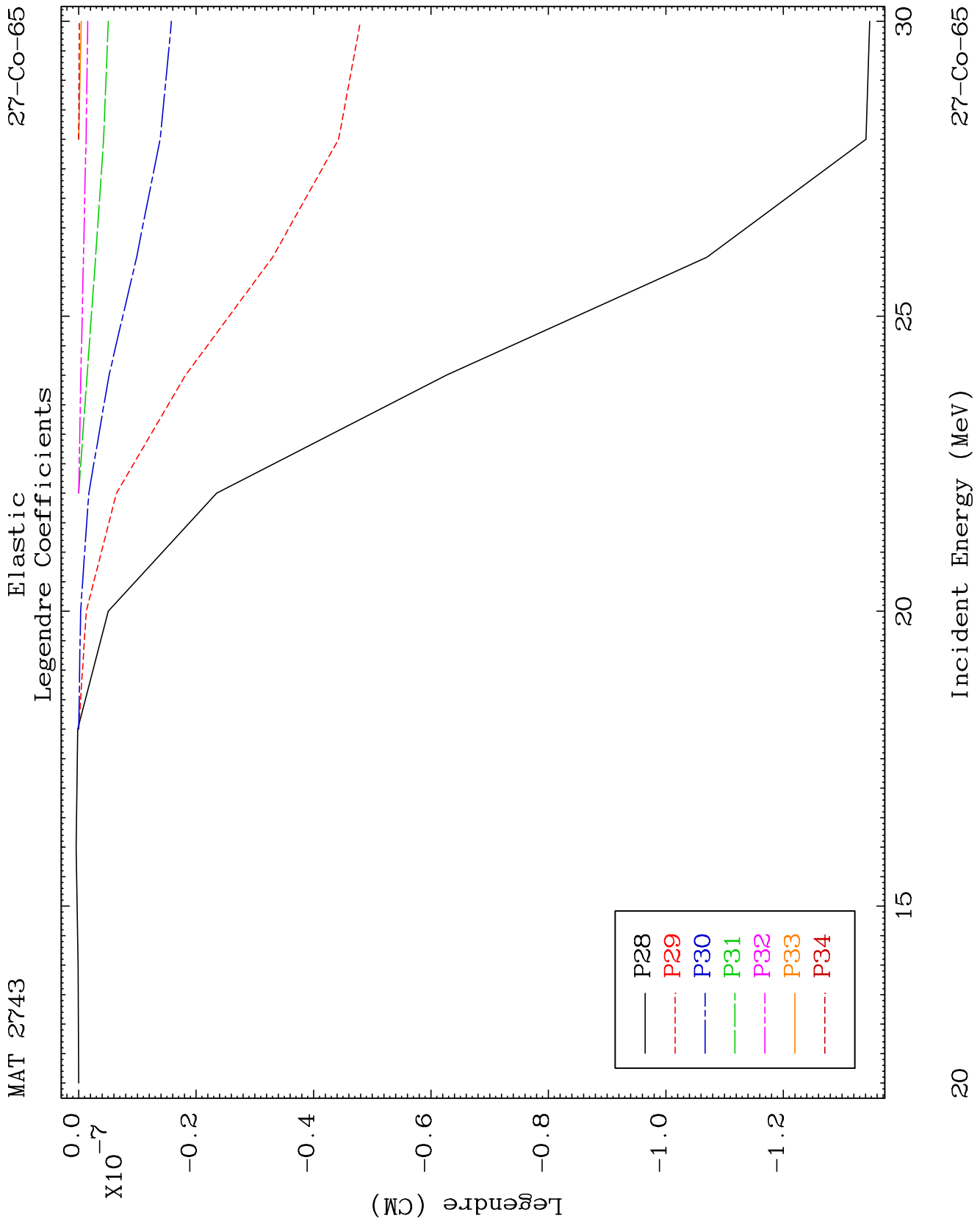
### Elastic Legendre Coefficients

27-Co-65



19

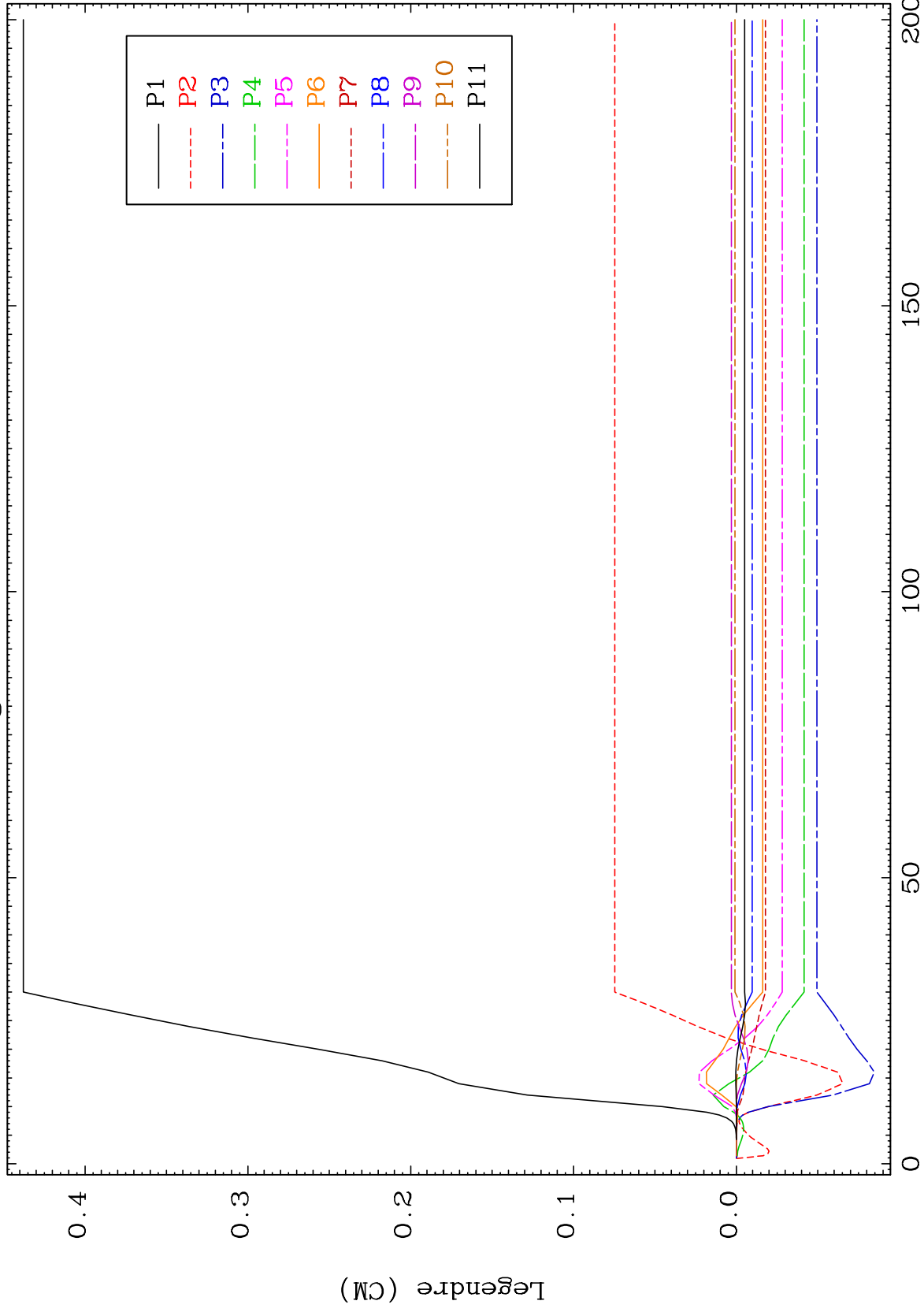
27-Co-65



MAT 2743

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

27-Co-65



21

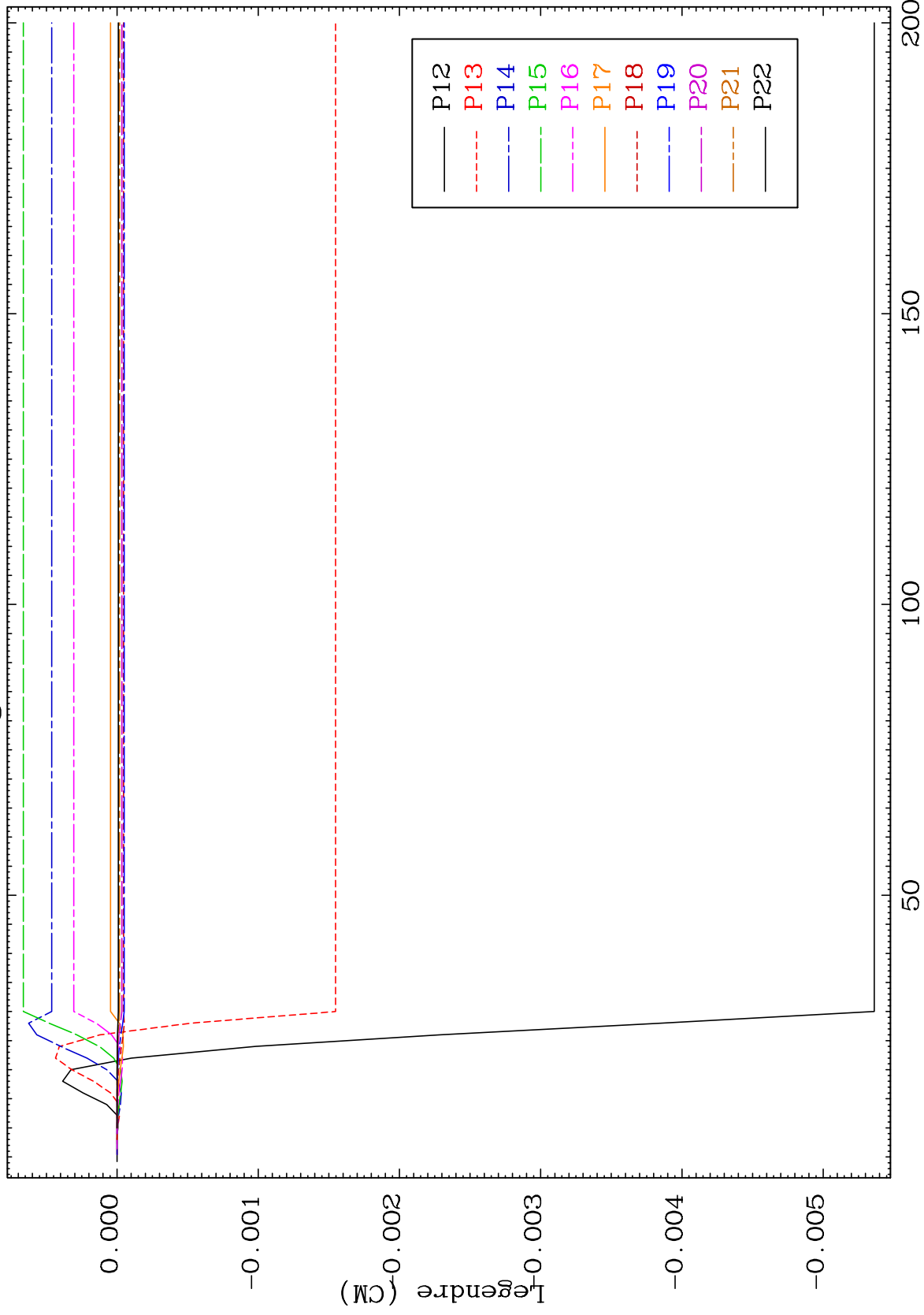
Incident Energy (MeV)

27-Co-65

MAT 2743

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

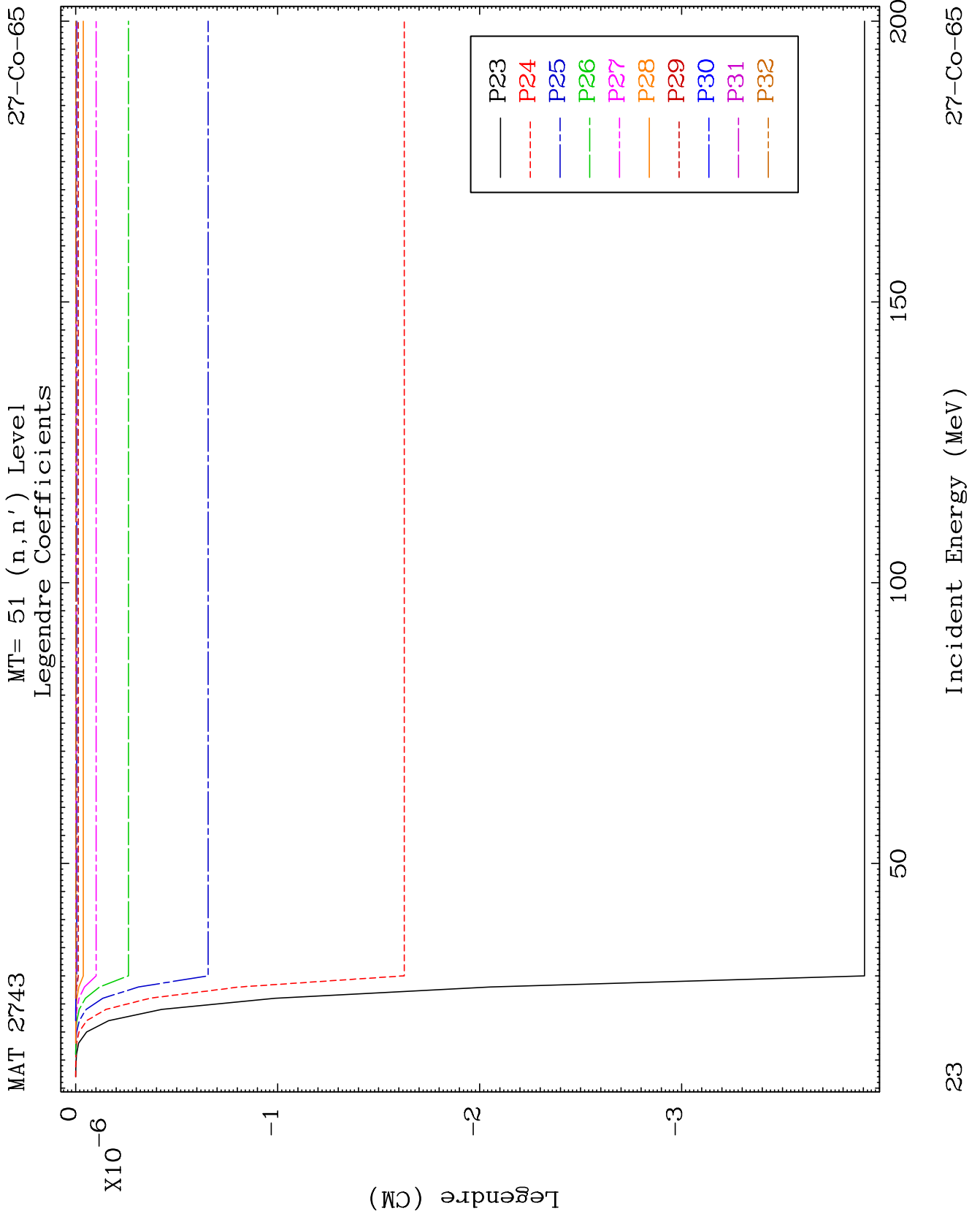
27-Co-65



22

Incident Energy (MeV)

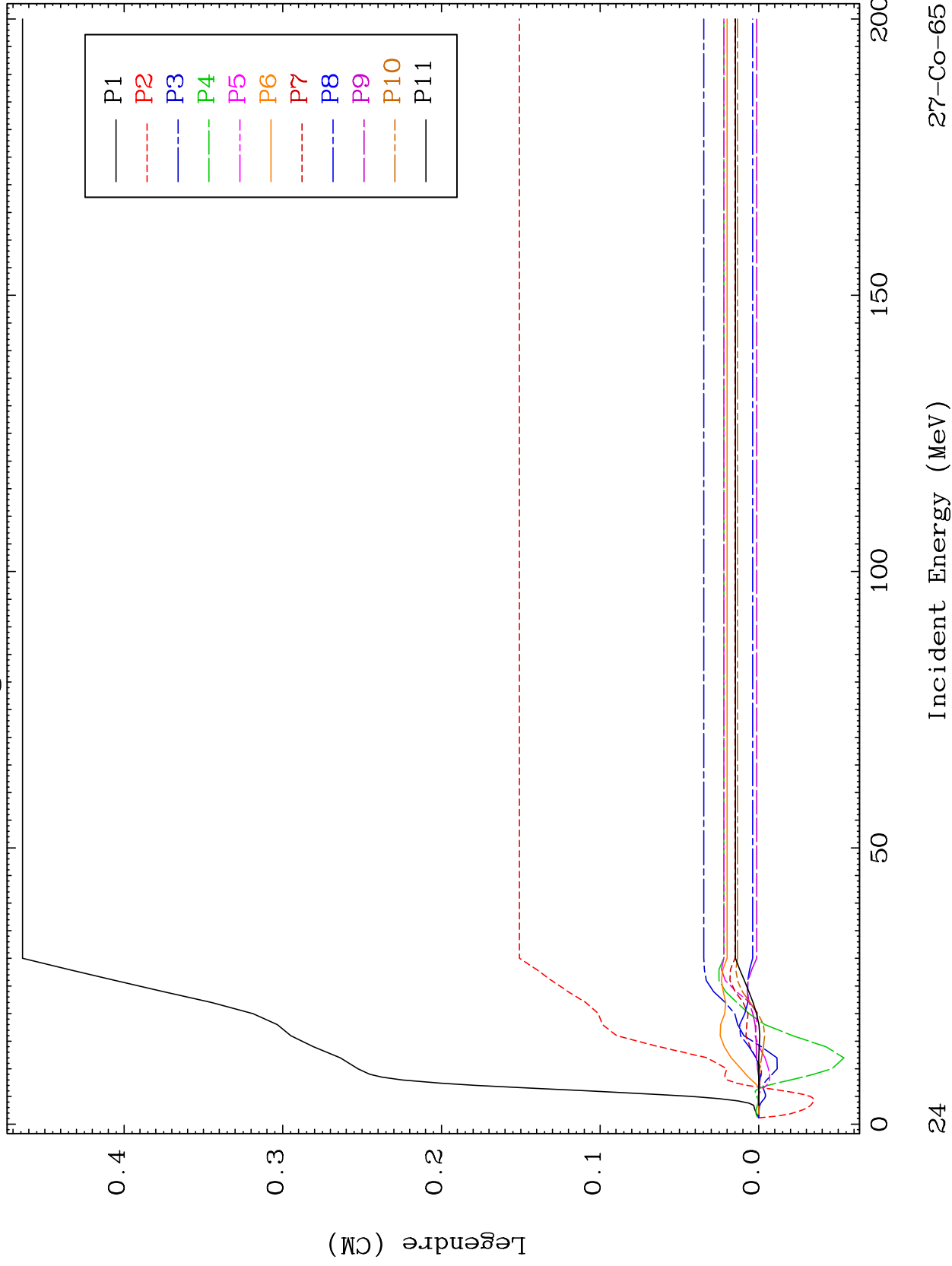
27-Co-65



MAT 2743

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

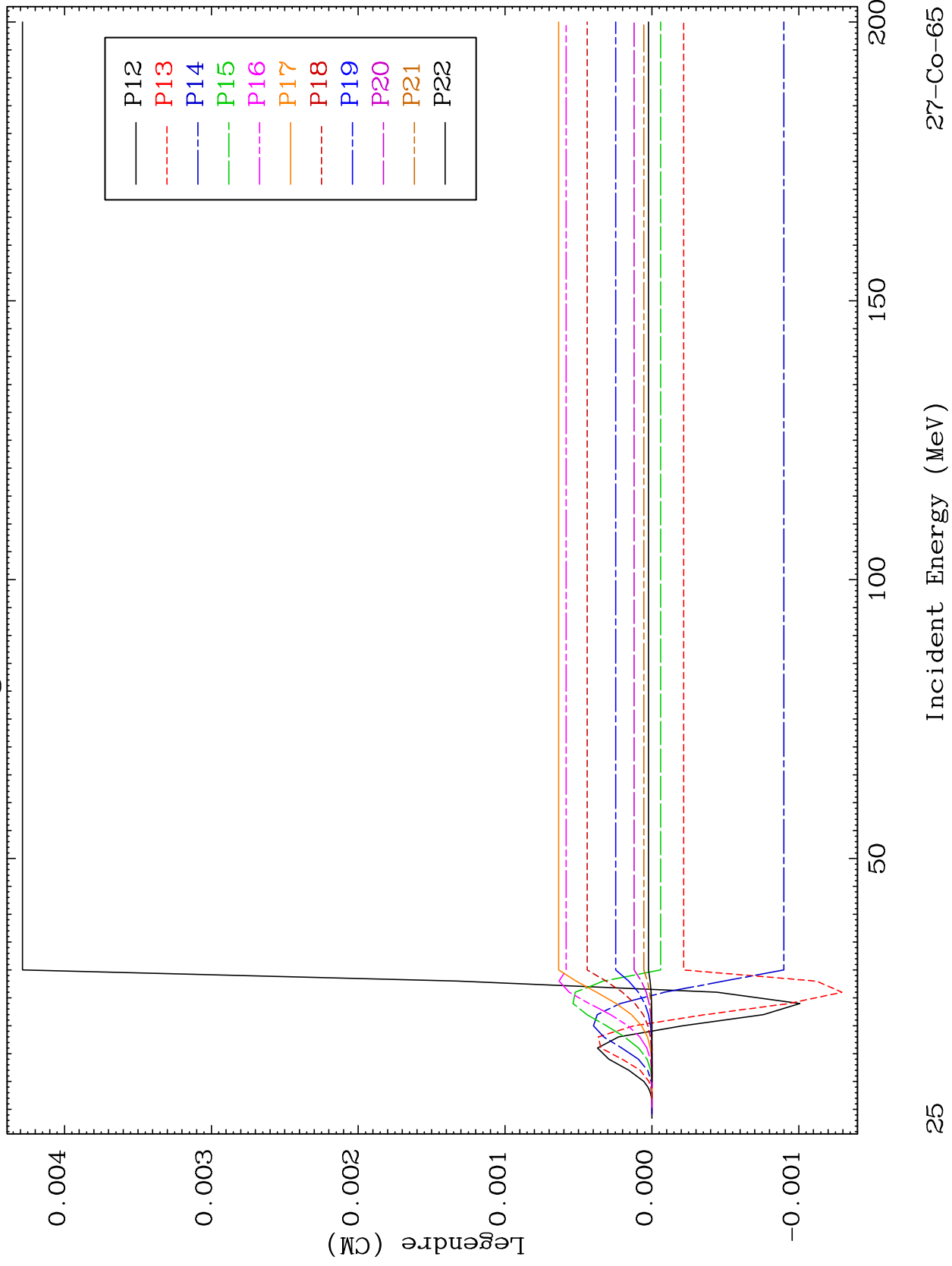
27-Co-65



MAT 2743

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

27-Co-65



27-Co-65

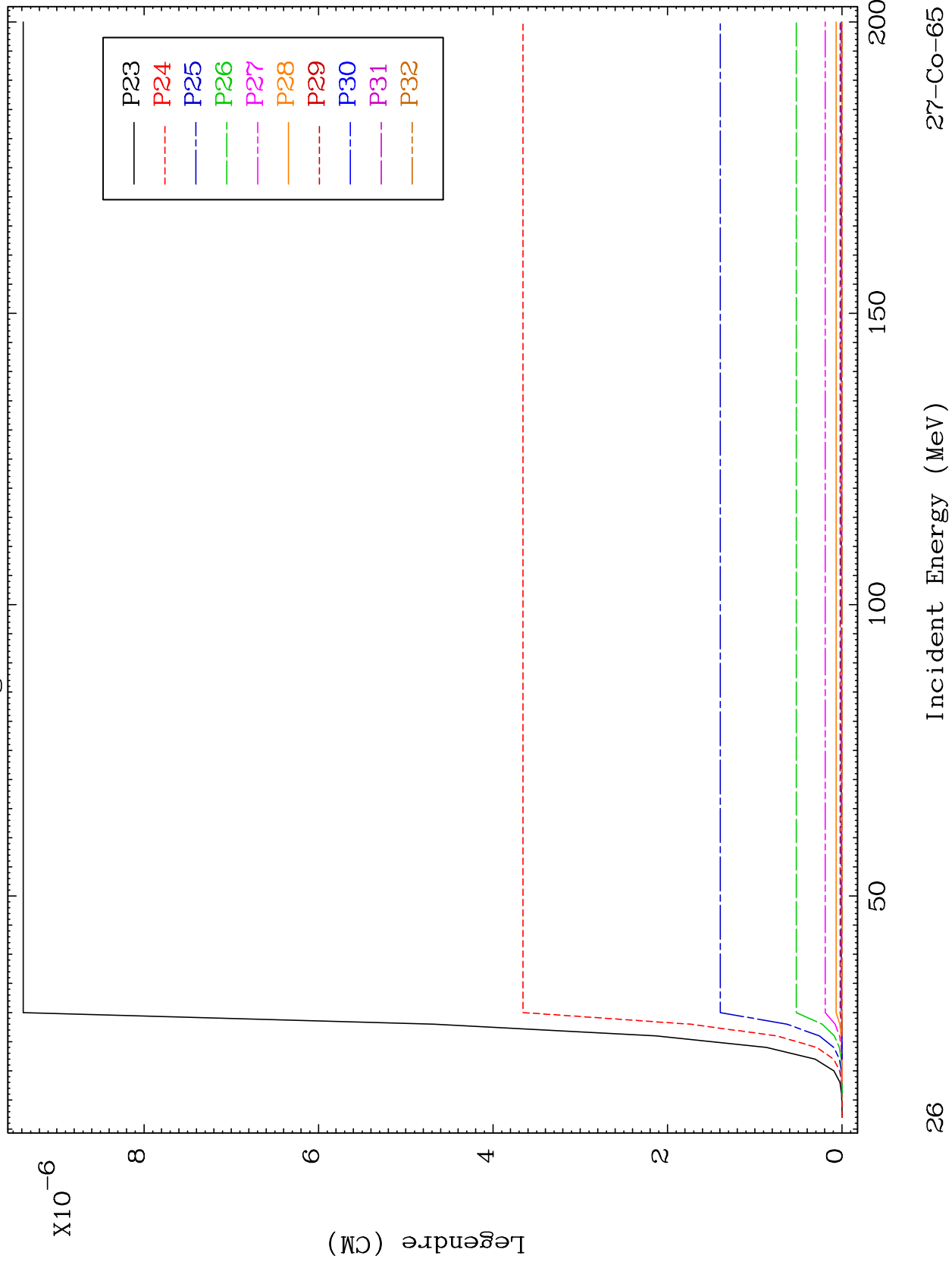
Incident Energy (MeV)

25

MAT 2743

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

27-Co-65



26

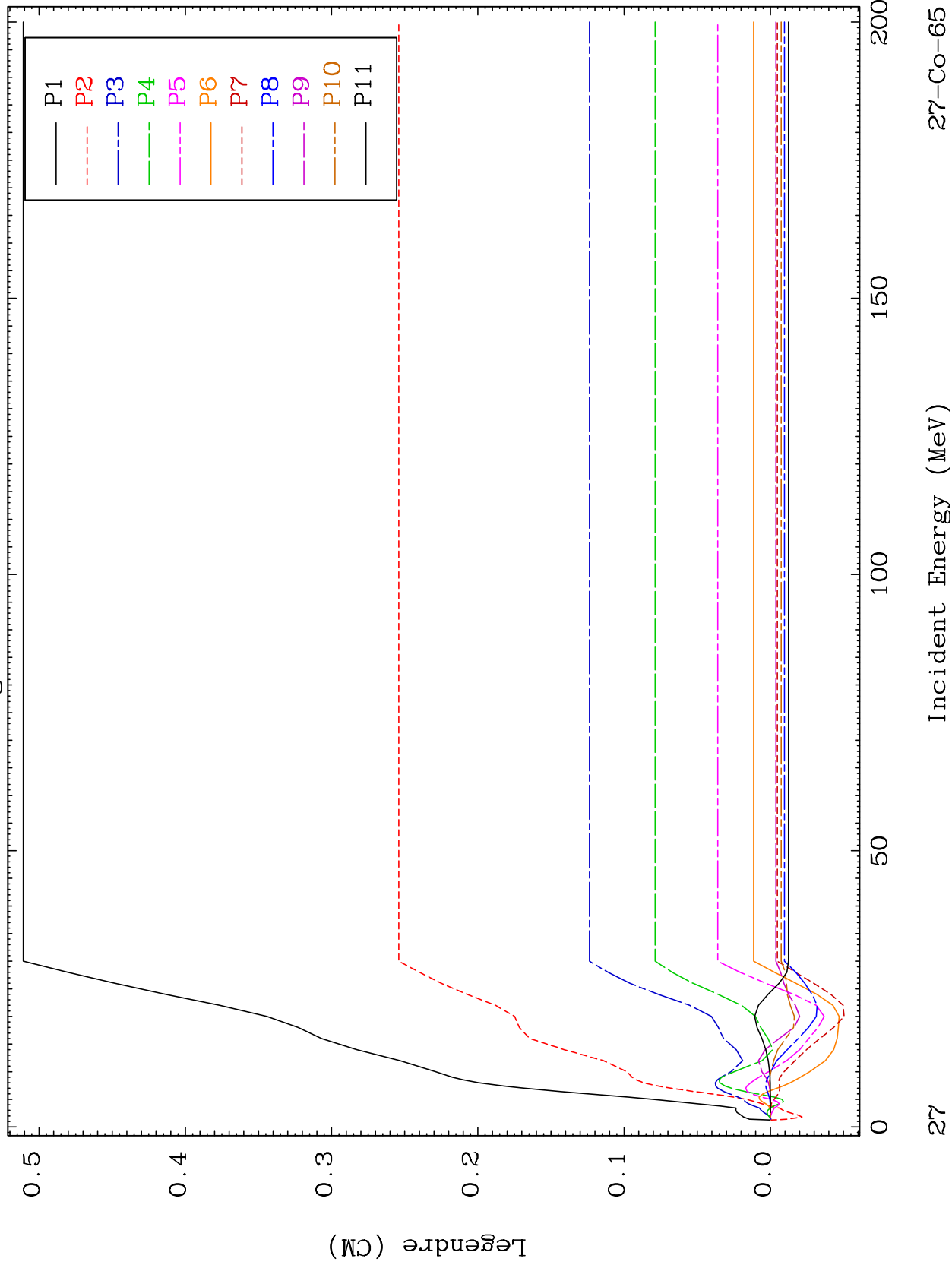
Incident Energy (MeV)

27-Co-65

MAT 2743

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

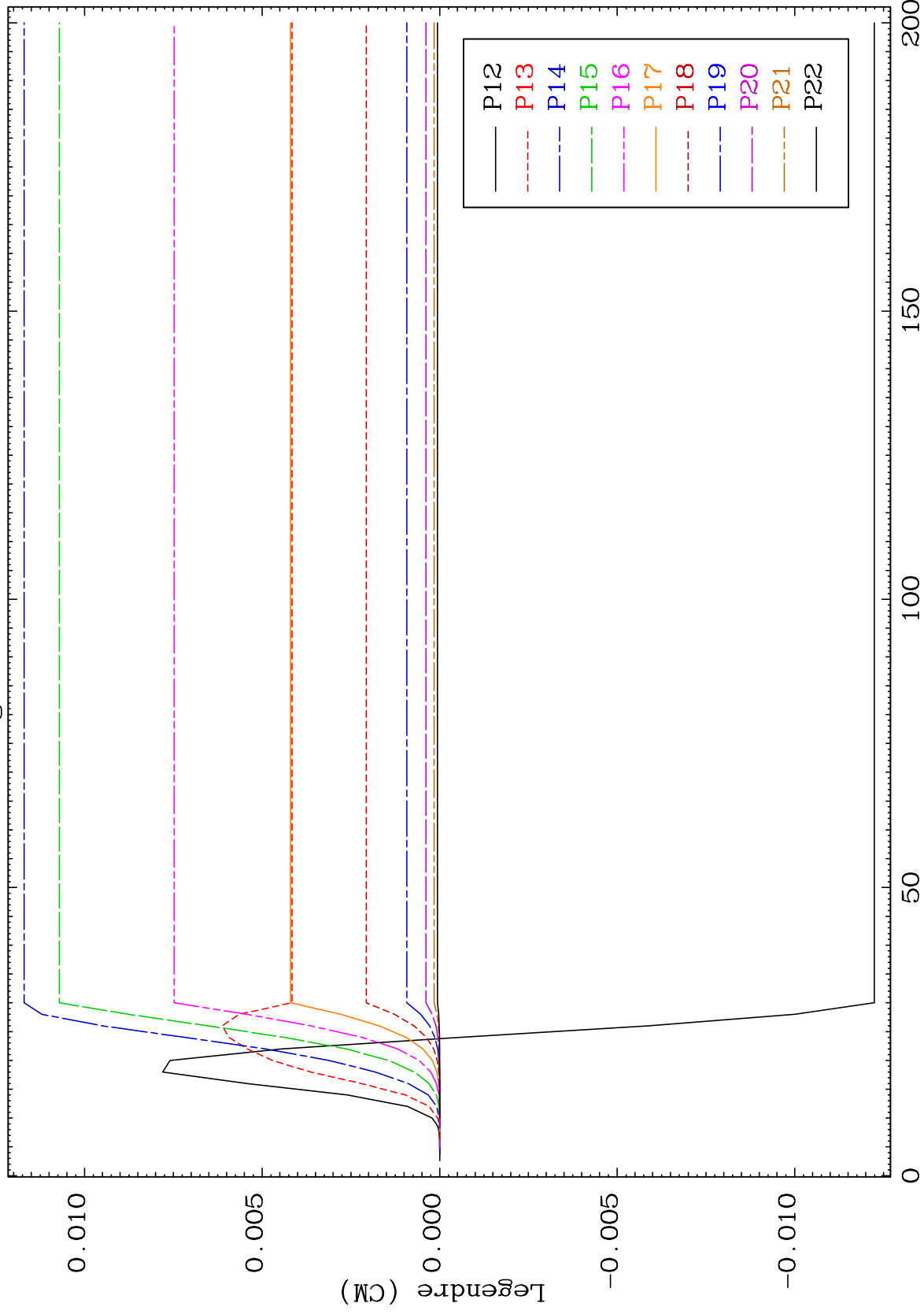
27-Co-65



MAT 2743

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

27-Co-65



28

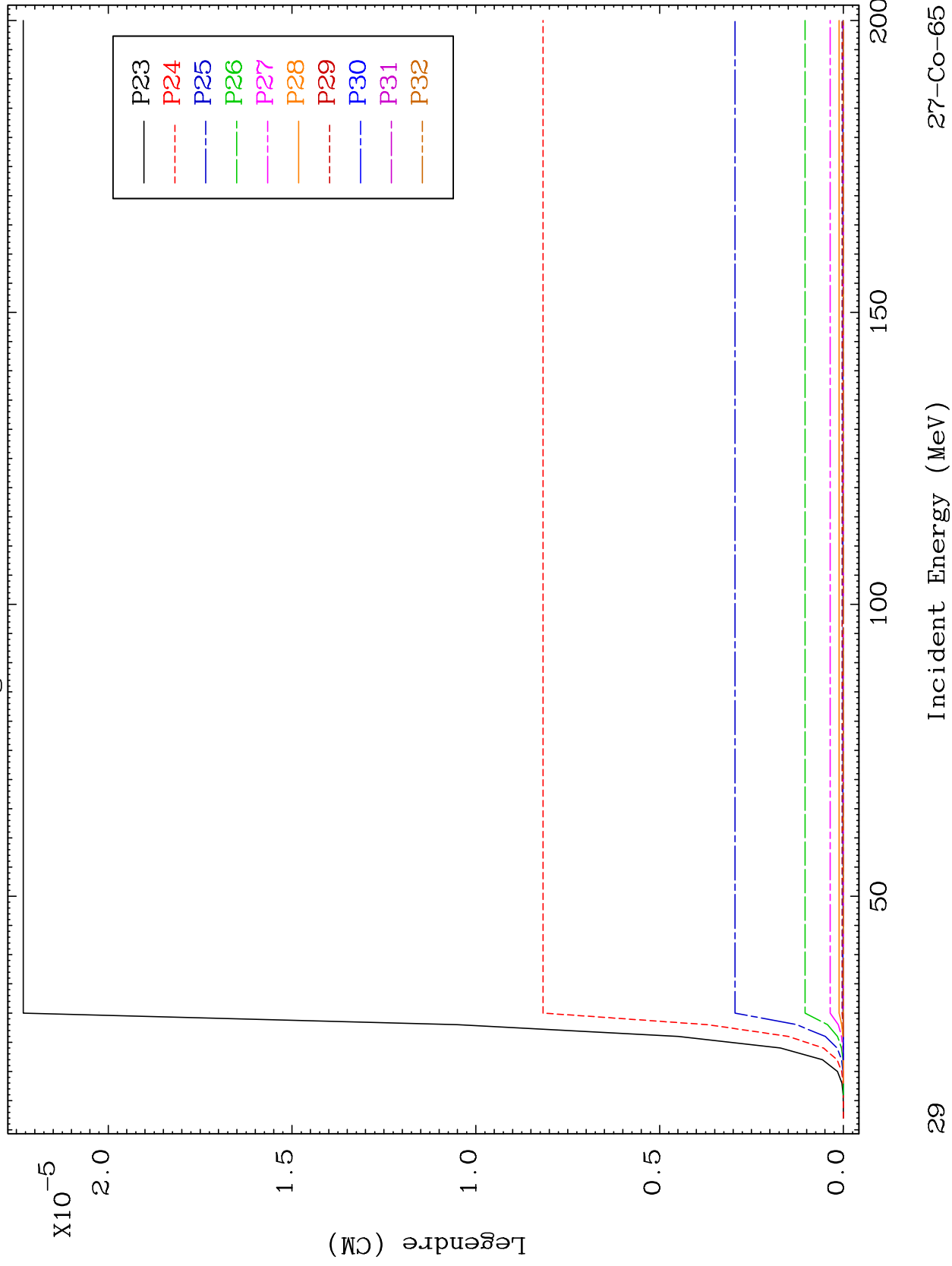
Incident Energy (MeV)

27-Co-65

MAT 2743

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

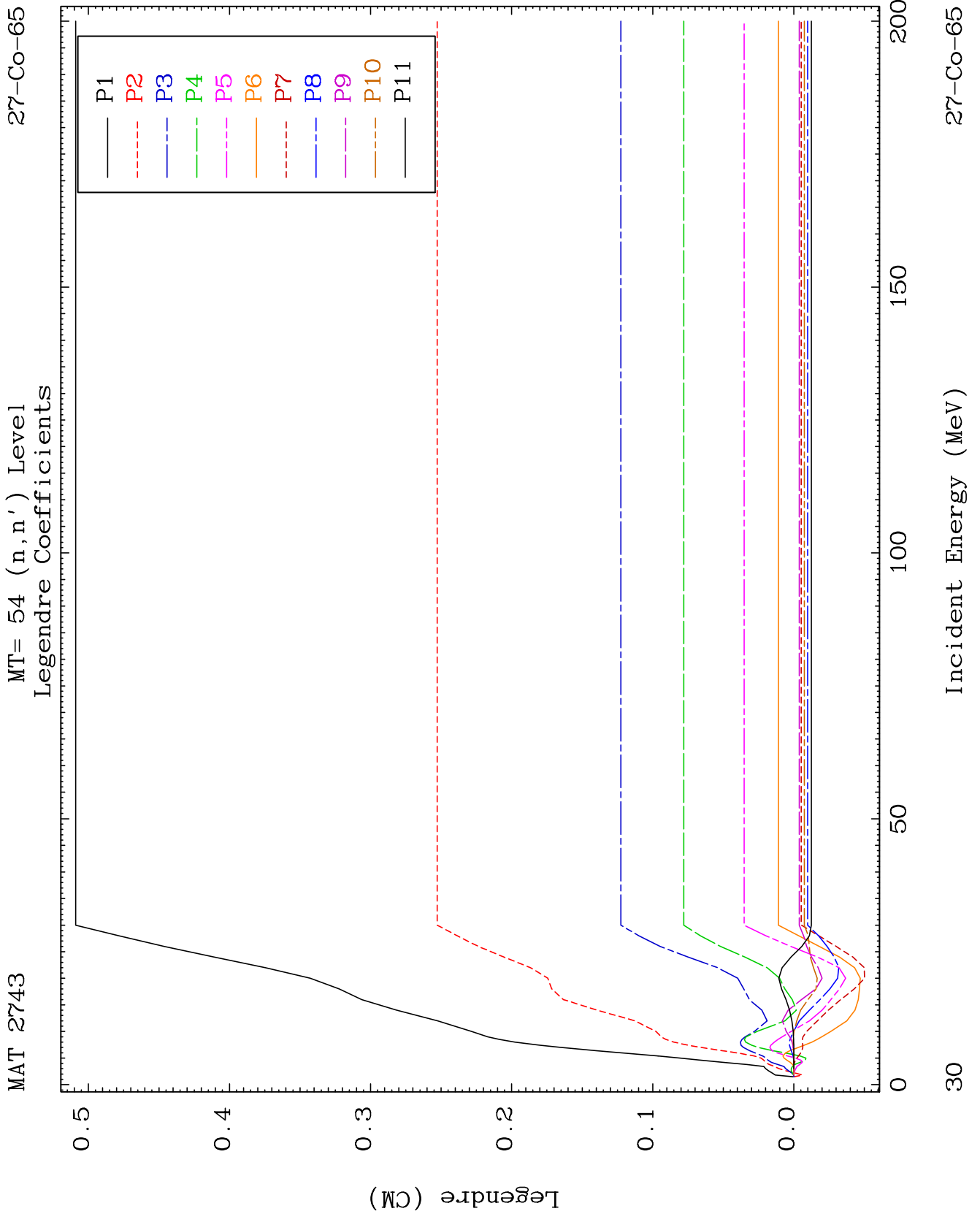
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29

Incident Energy (MeV)

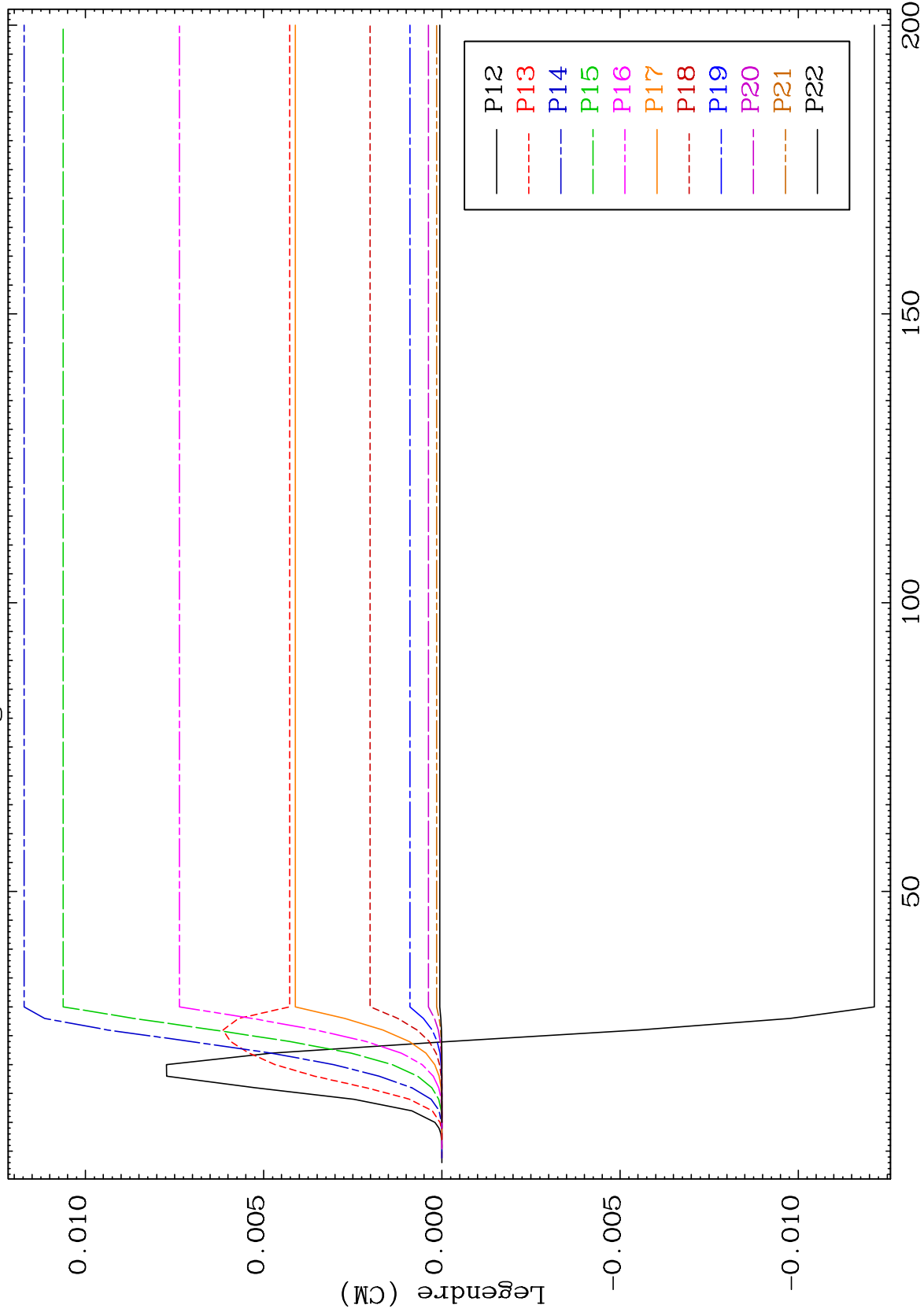
27-Co-65



MAT 2743

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

27-Co-65



31

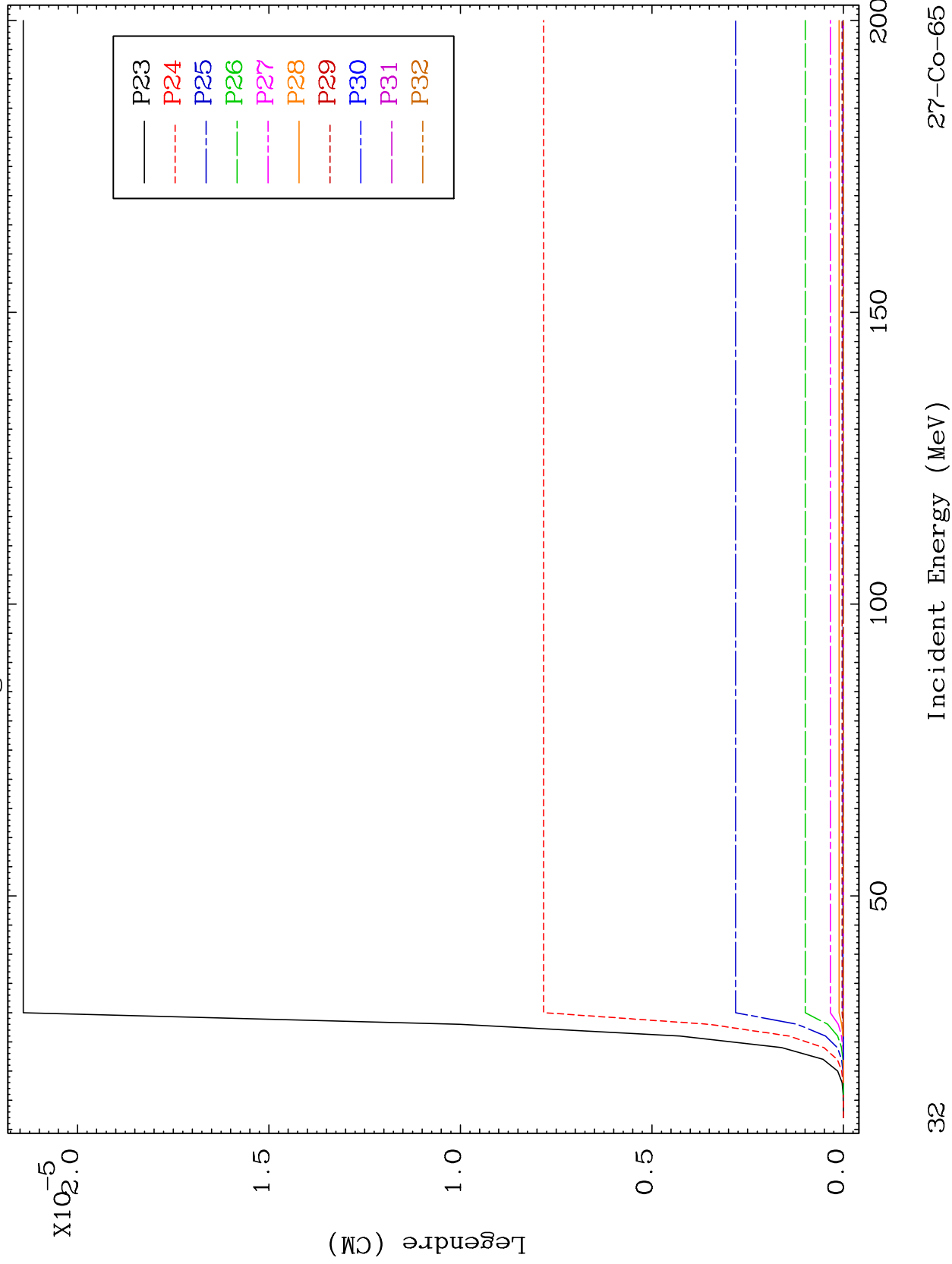
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



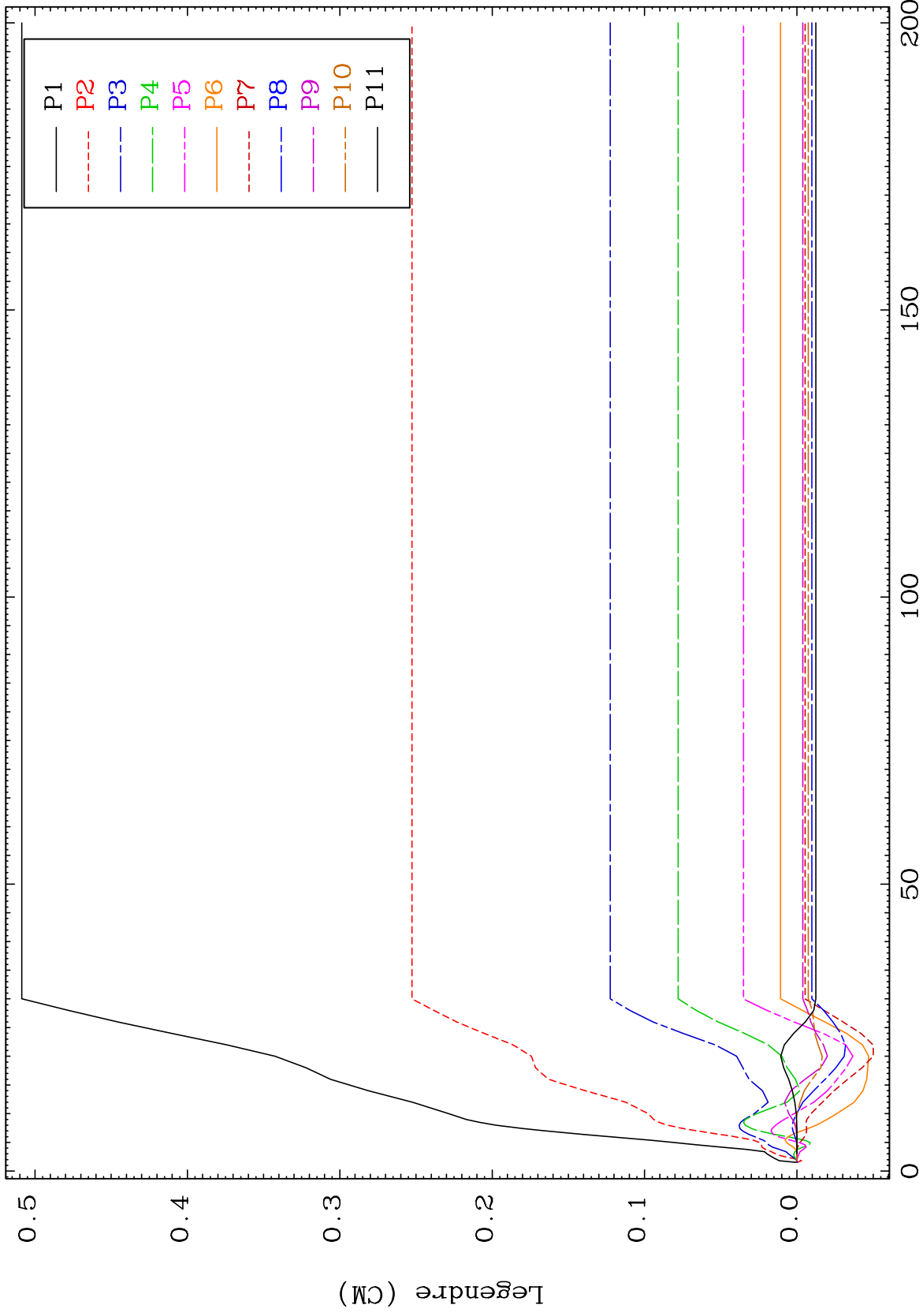
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27-Co-65

MAT 2743

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

27-Co-65



33

Incident Energy (MeV)

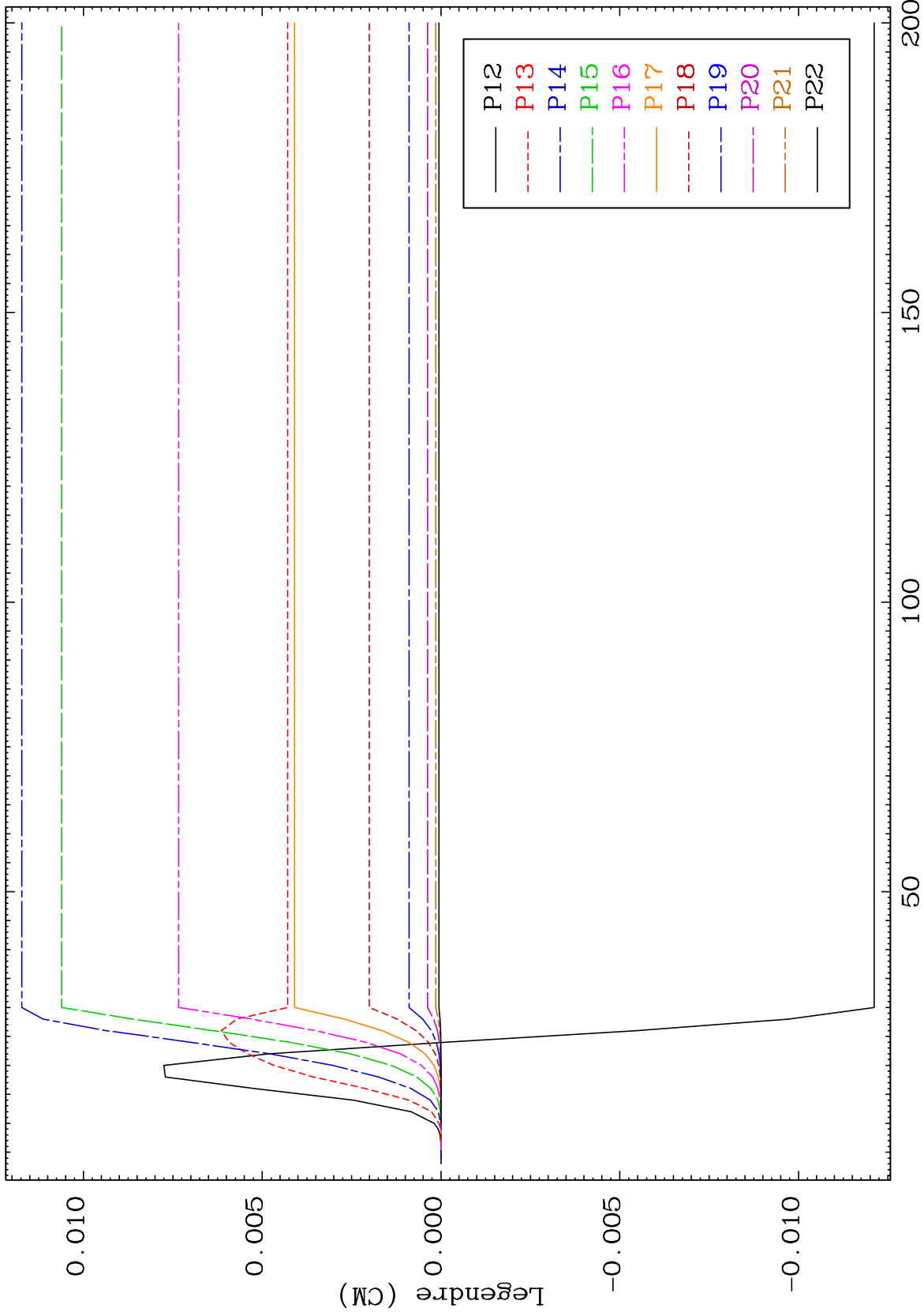
27-Co-65

MAT 2743

MT= 55 (n,n') Level

27-Co-65

Legendre Coefficients



34

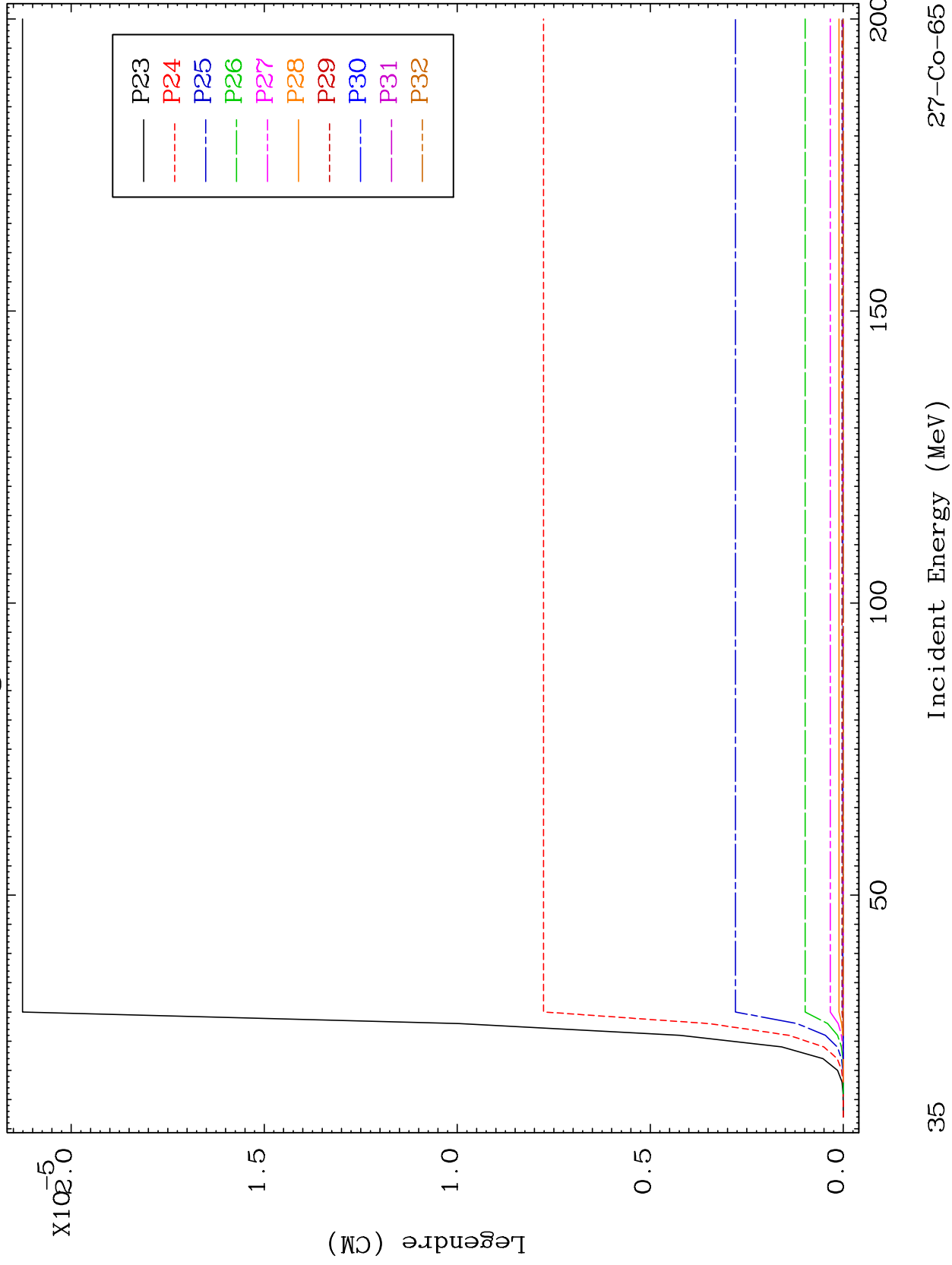
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



35

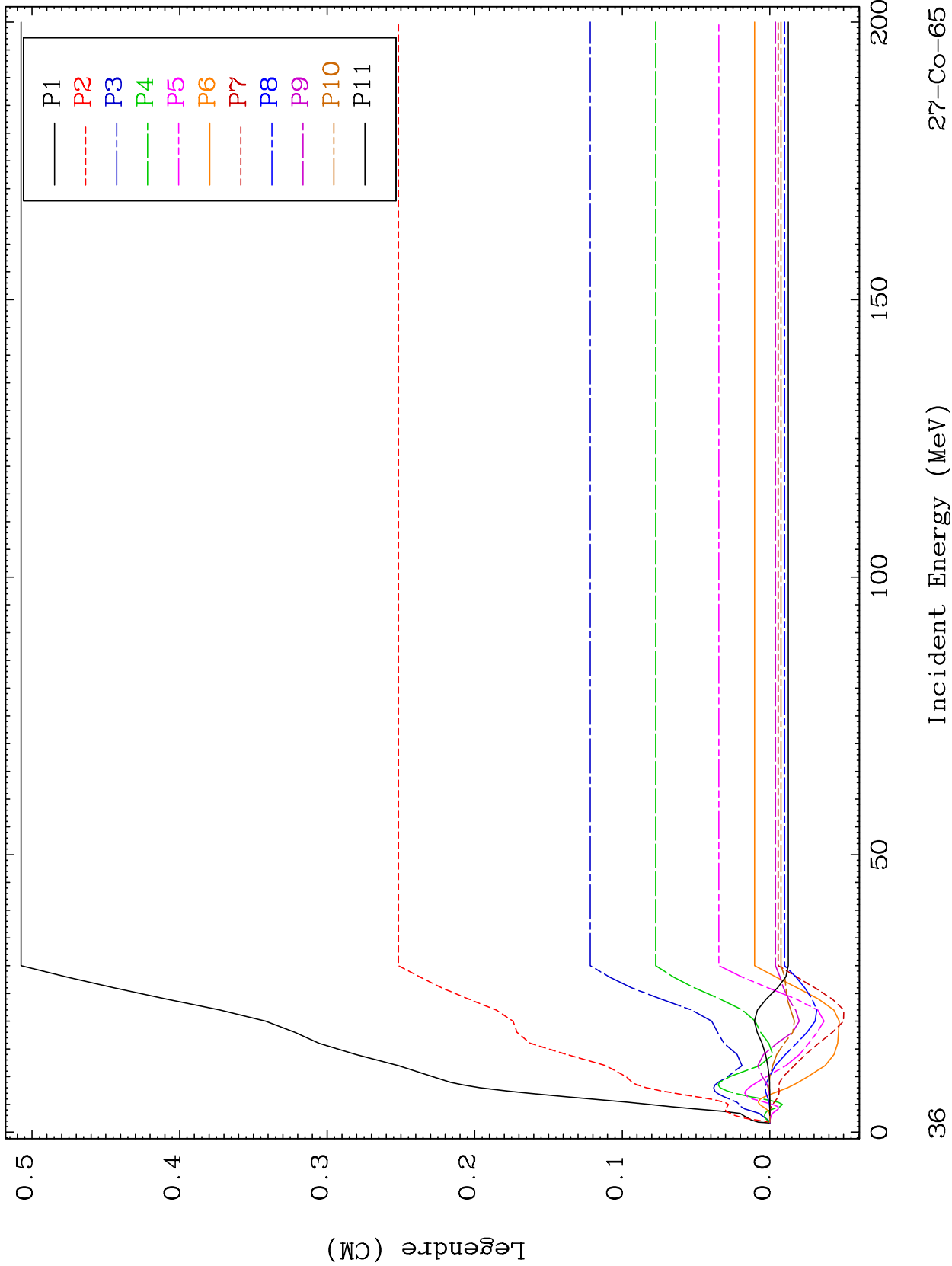
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



36

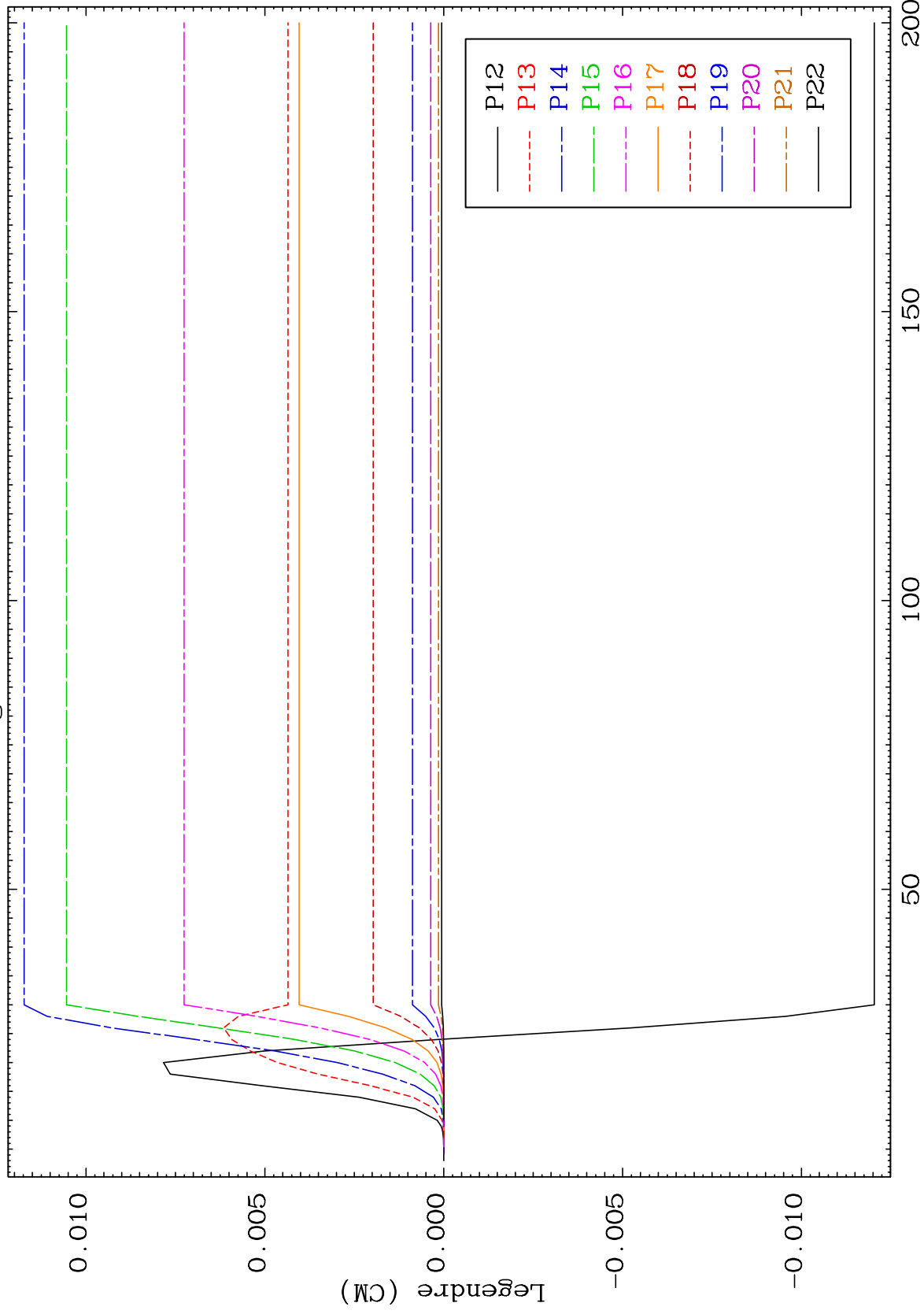
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



37

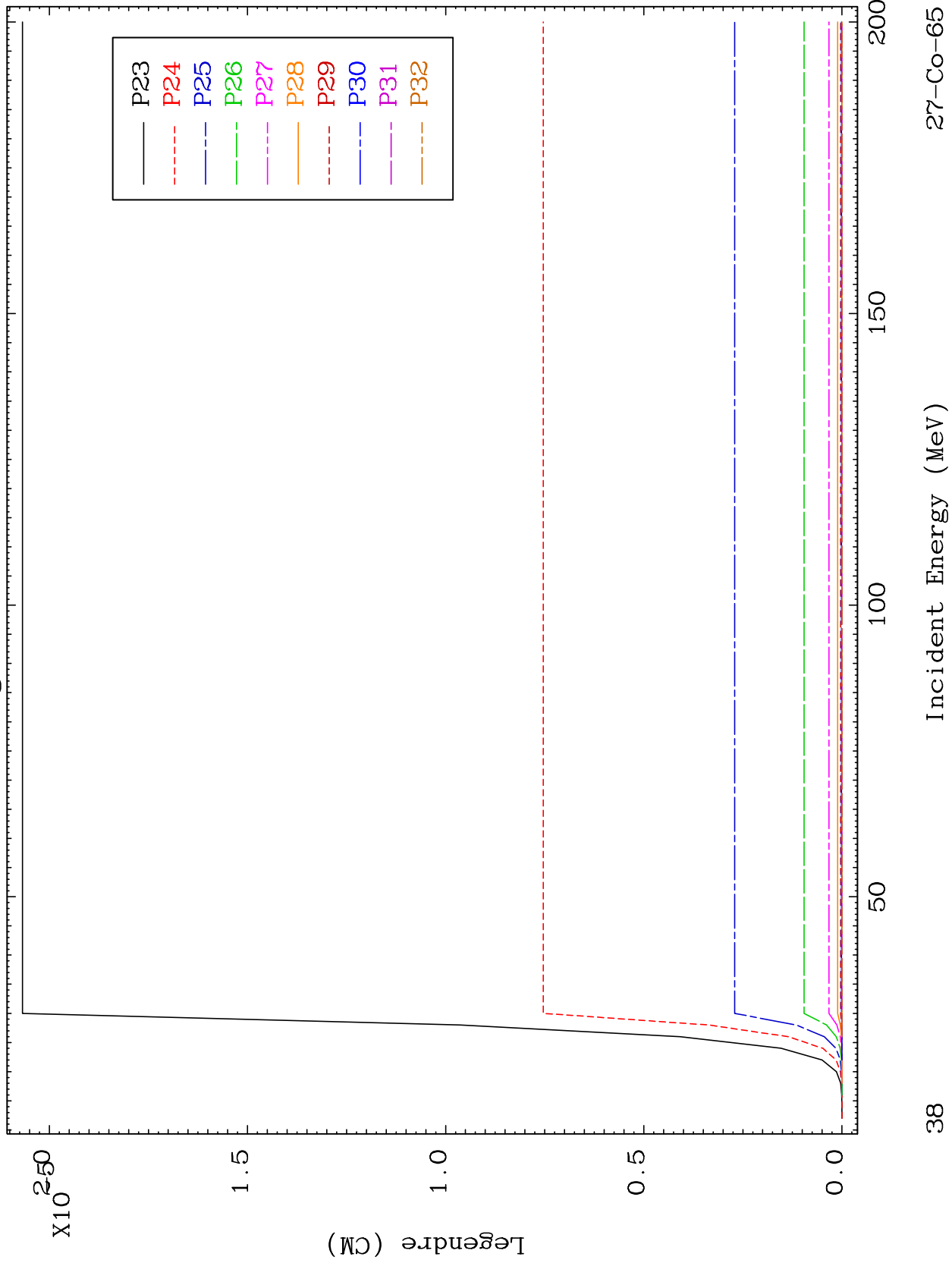
Incident Energy (MeV)

27-Co-65

MAT 2743

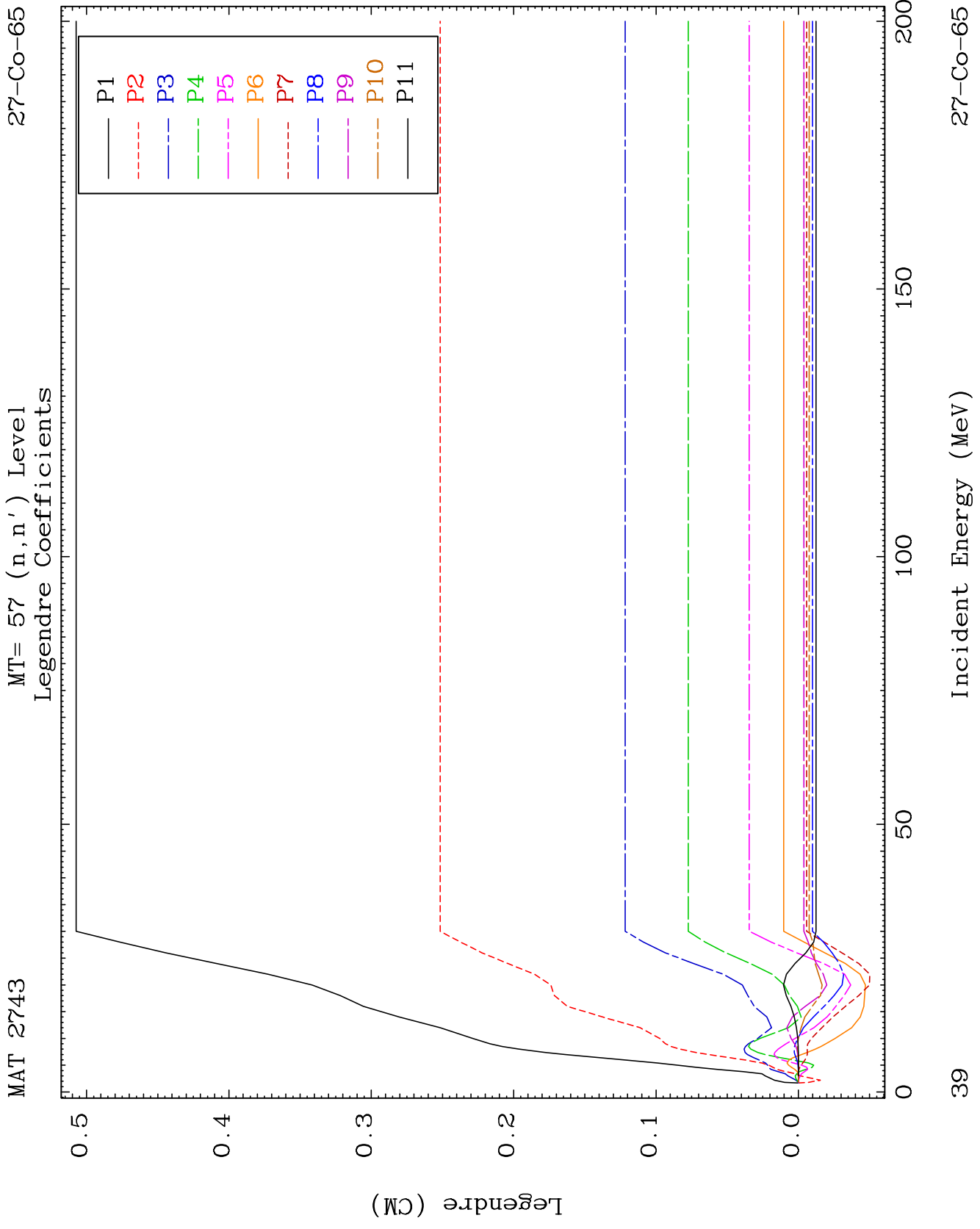
MT= 56 (n,n') Level  
Legendre Coefficients

27-Co-65



38

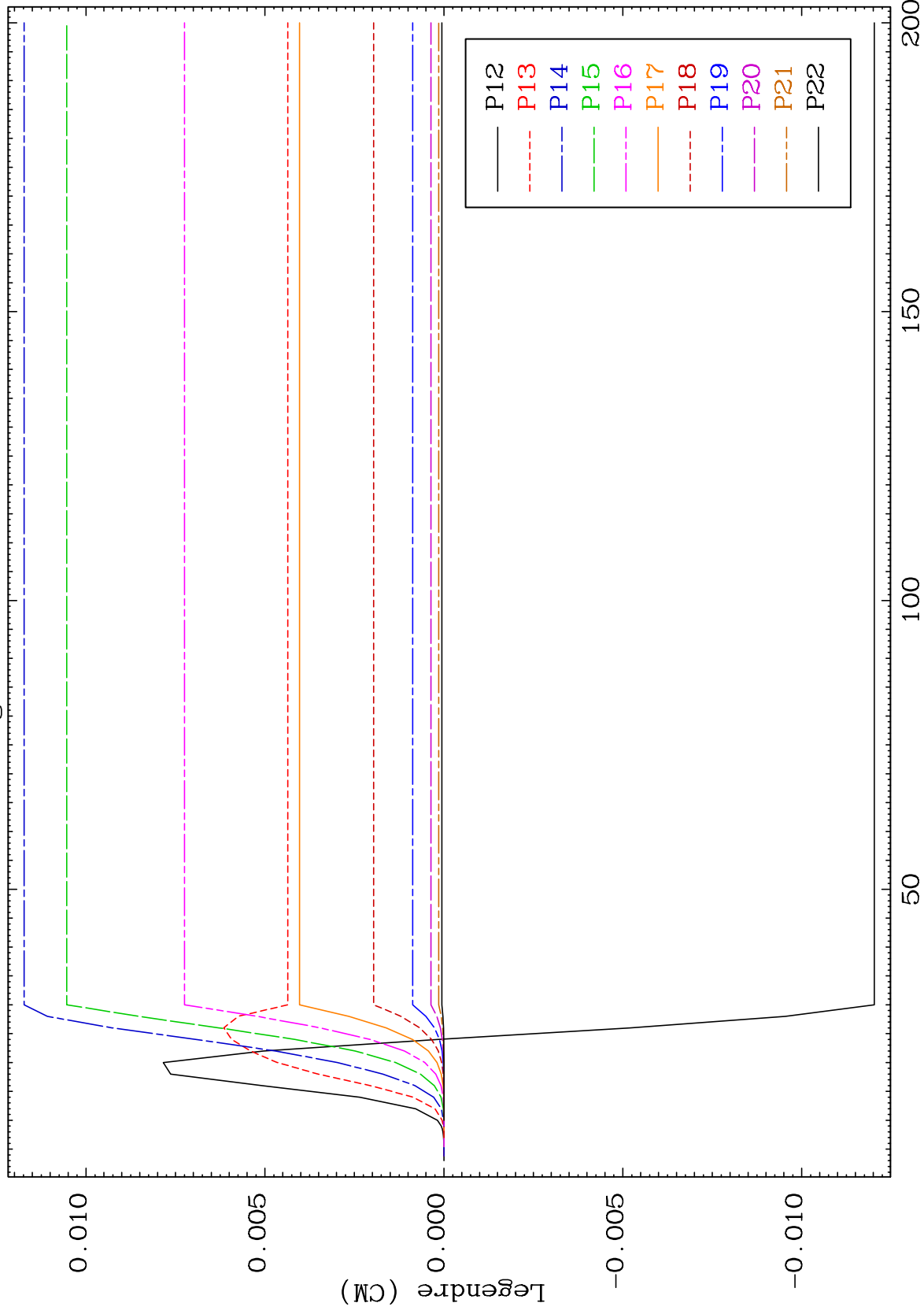
27-Co-65



MAT 2743

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

27-Co-65



40

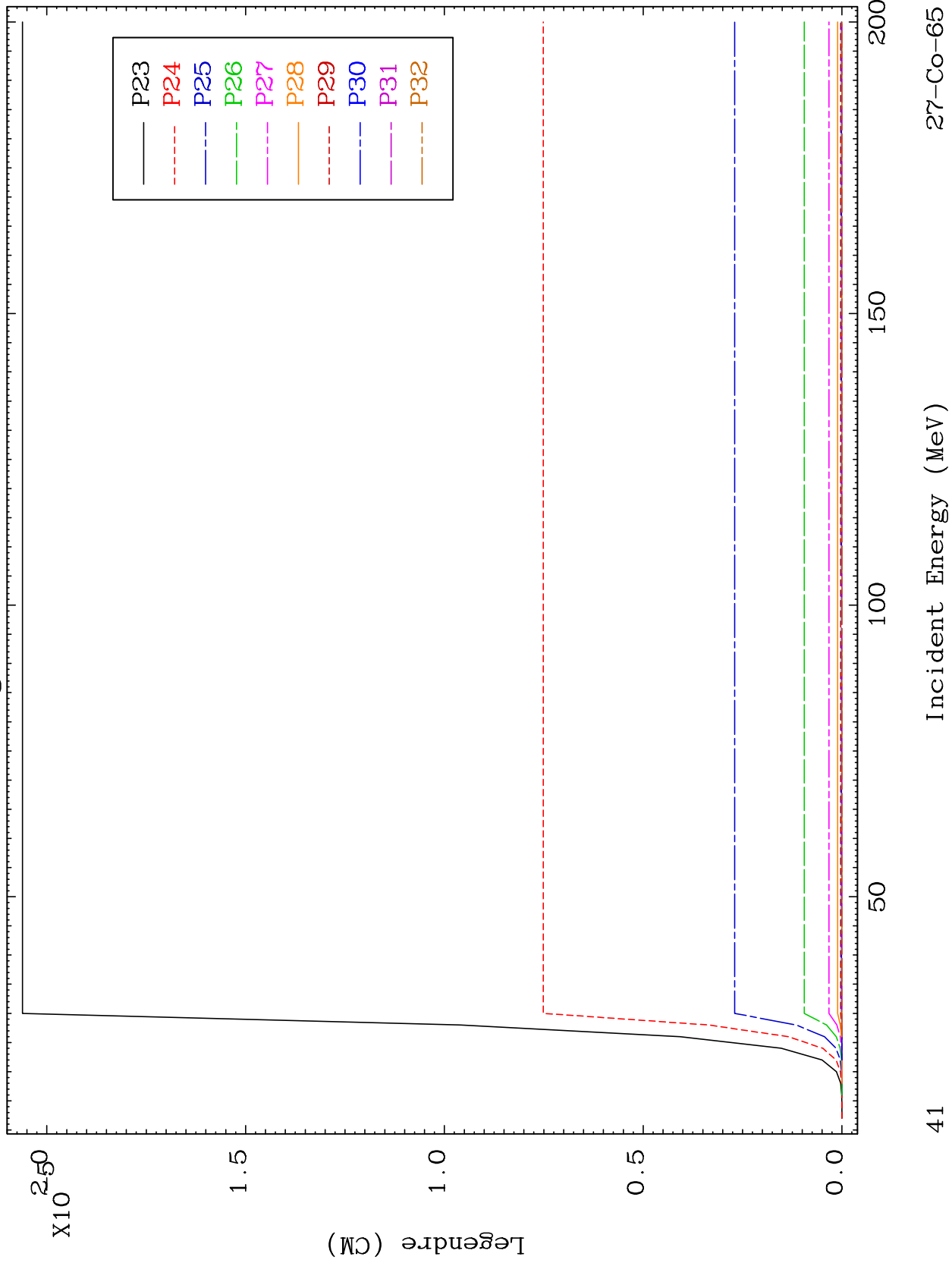
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



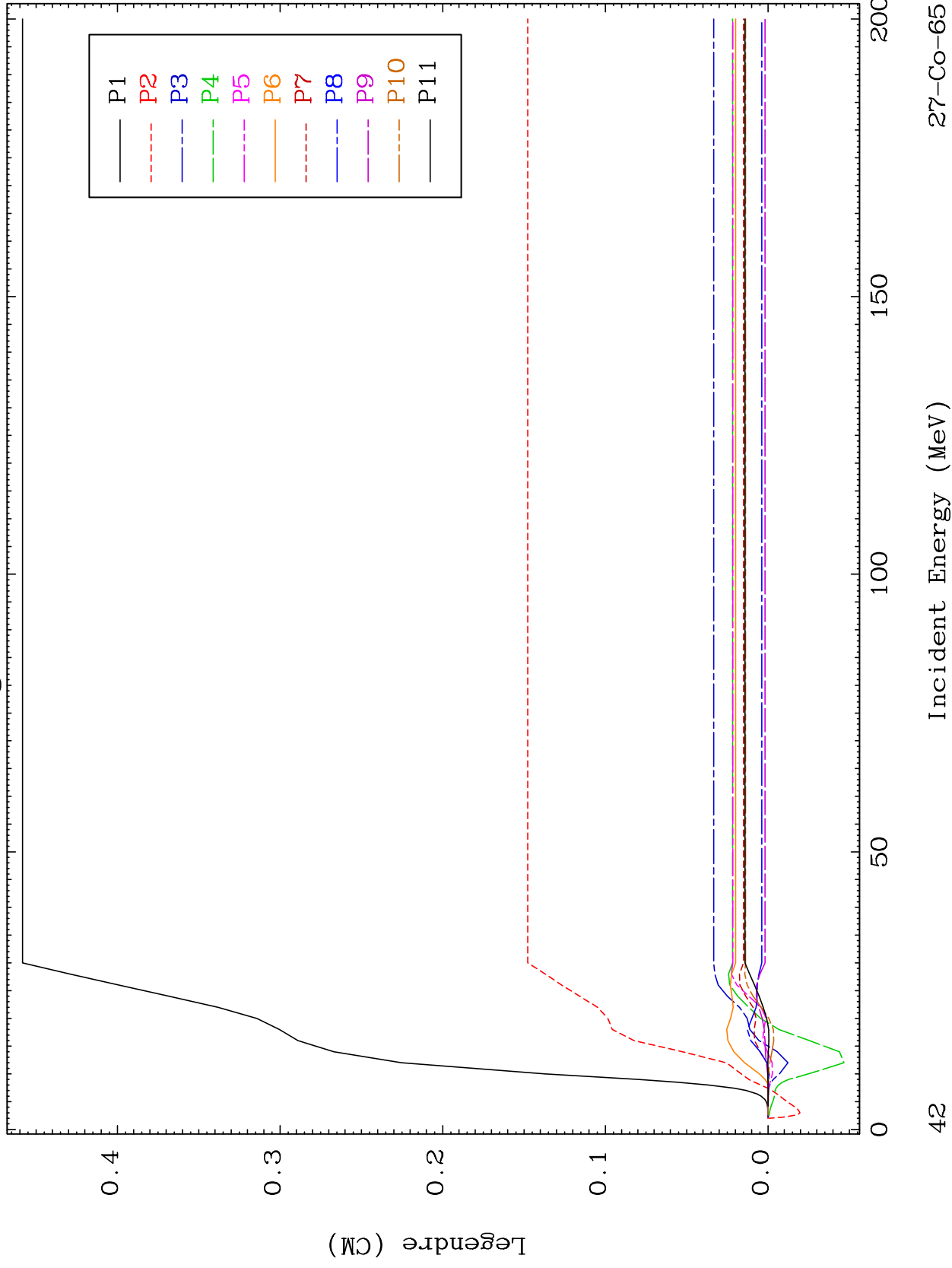
41

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

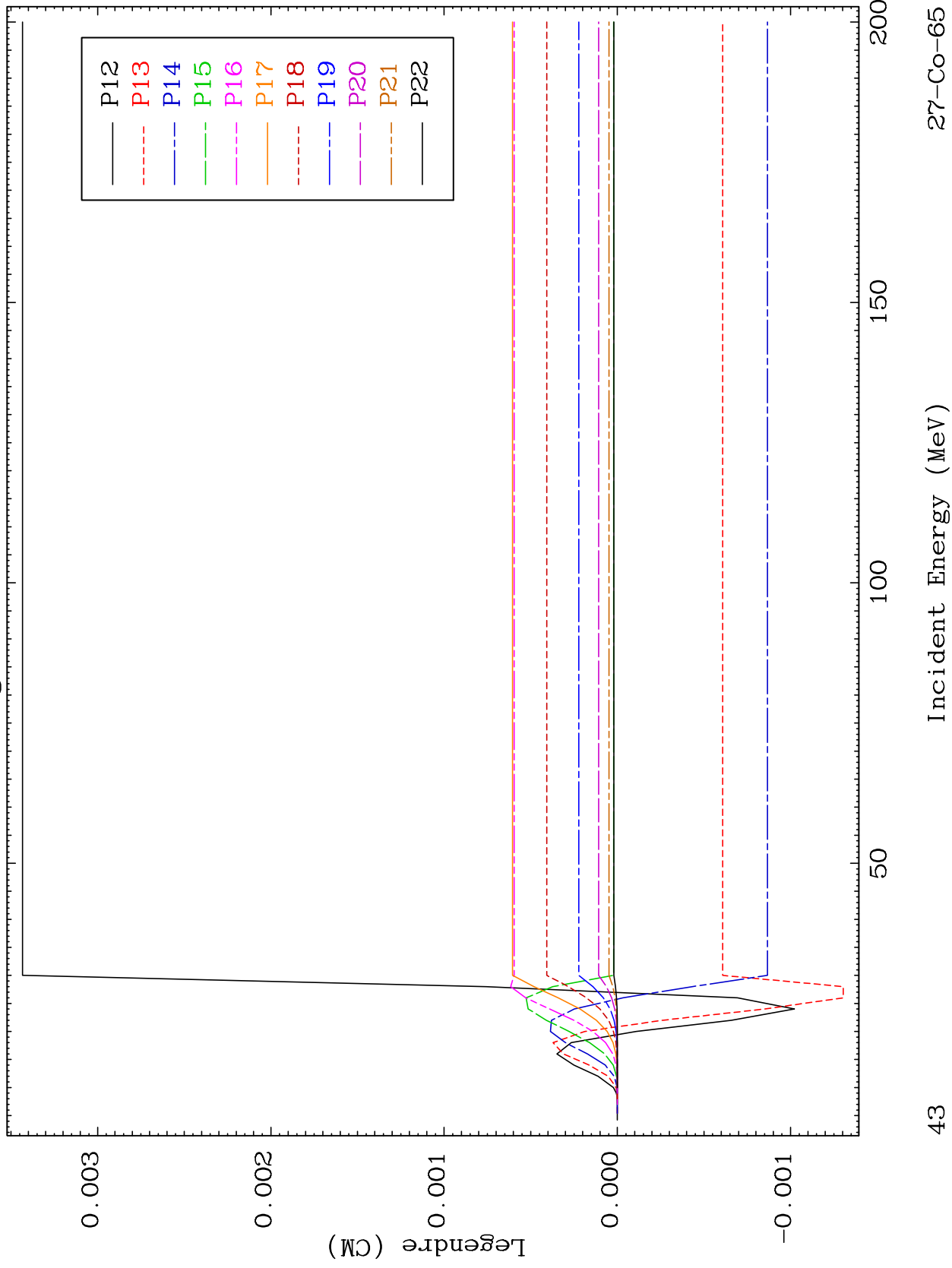
Incident Energy (MeV)

42

MAT 2743

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

27-Co-65



43

Incident Energy (MeV)

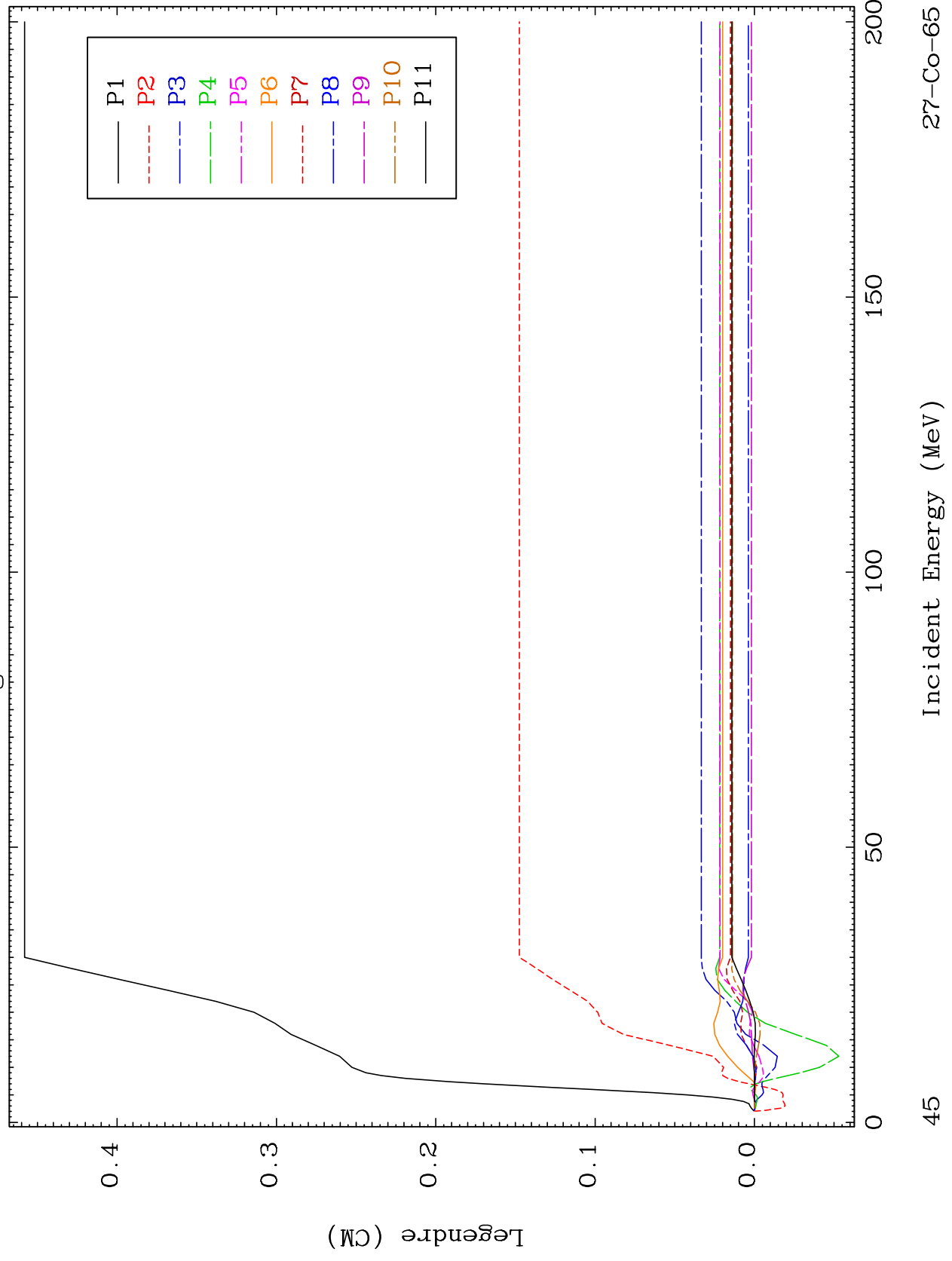
27-Co-65



MAT 2743

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

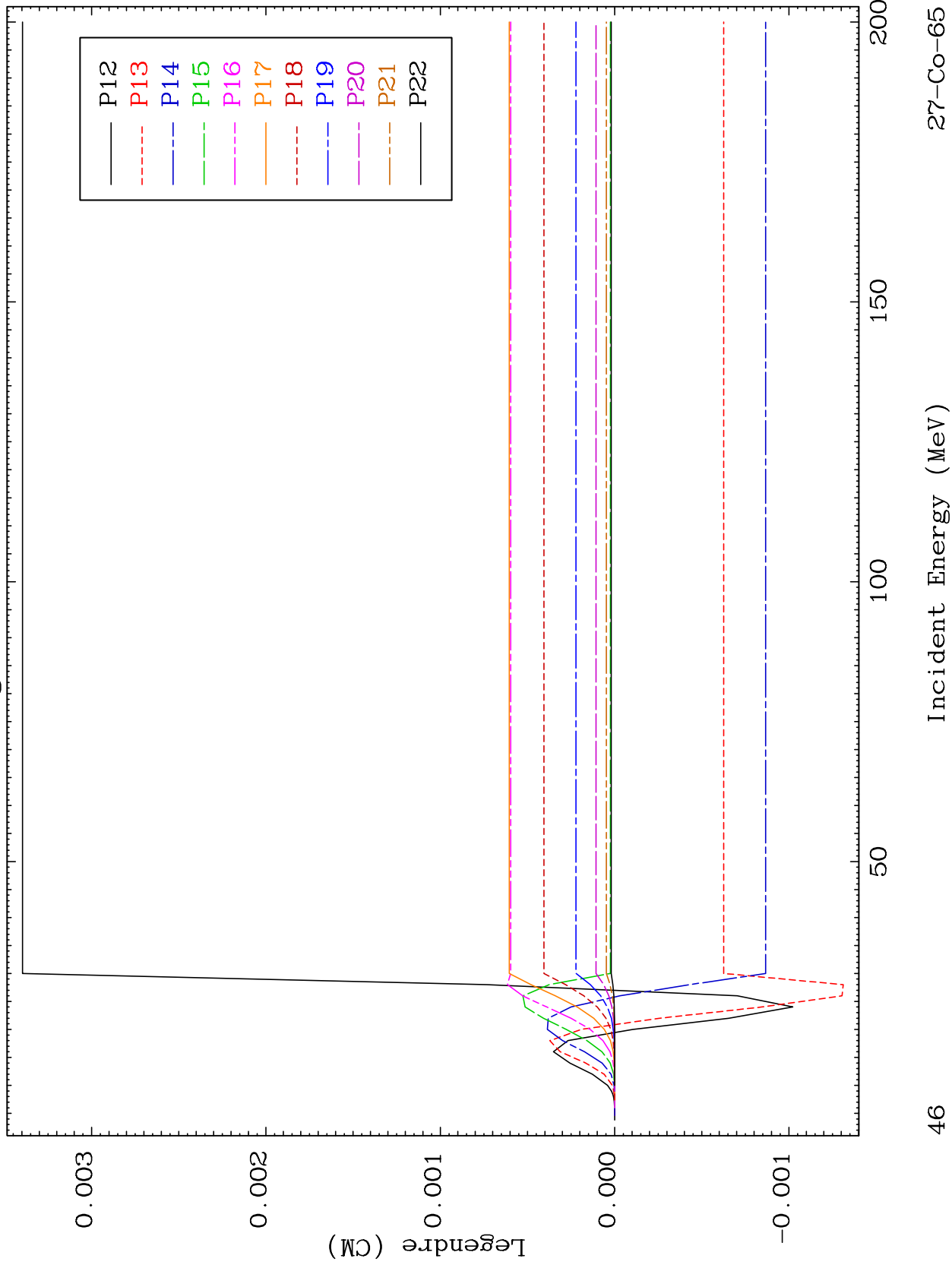
27-Co-65



MAT 2743

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

27-Co-65



46

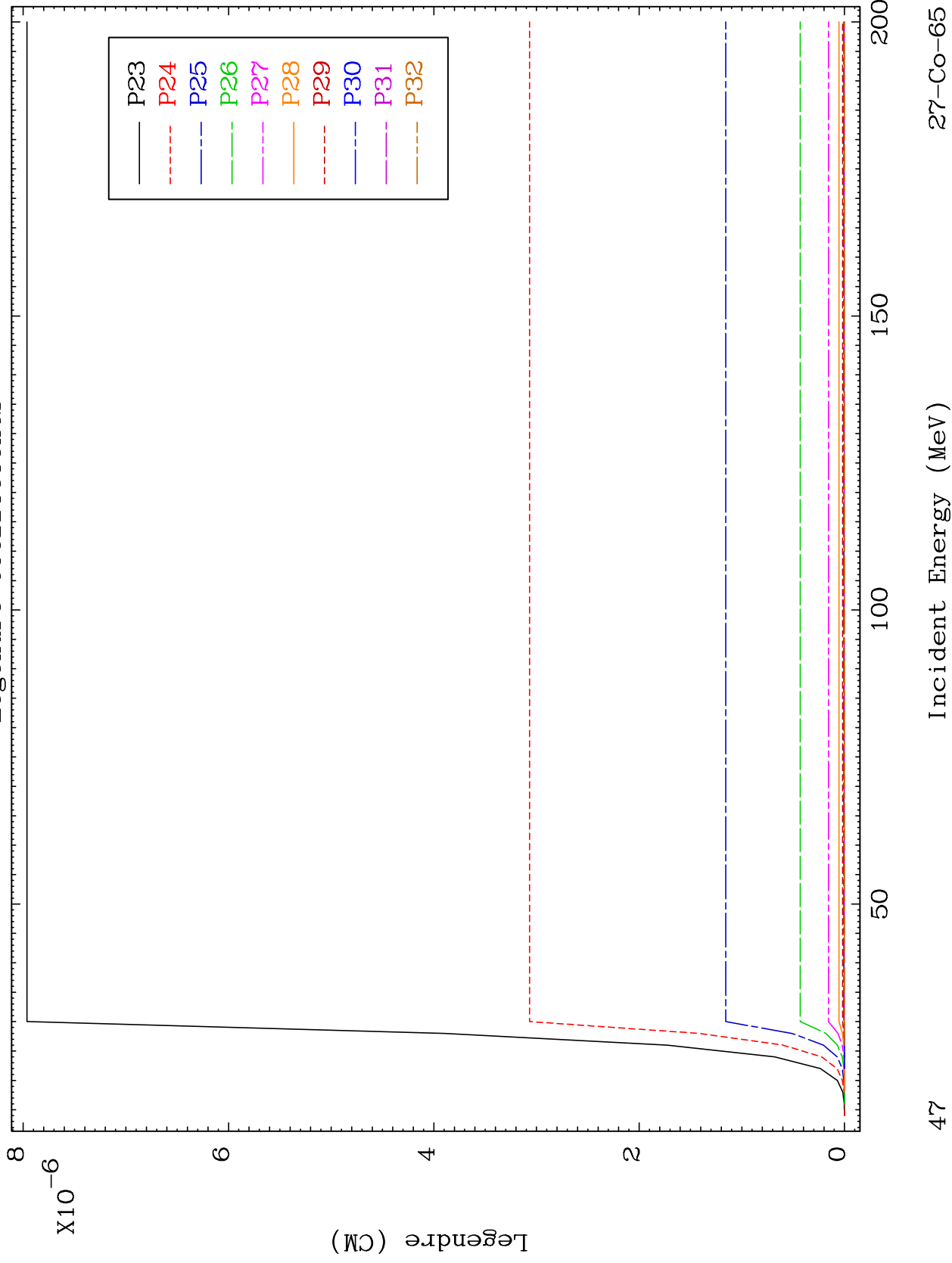
Incident Energy (MeV)

27-Co-65

MAT 2743

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

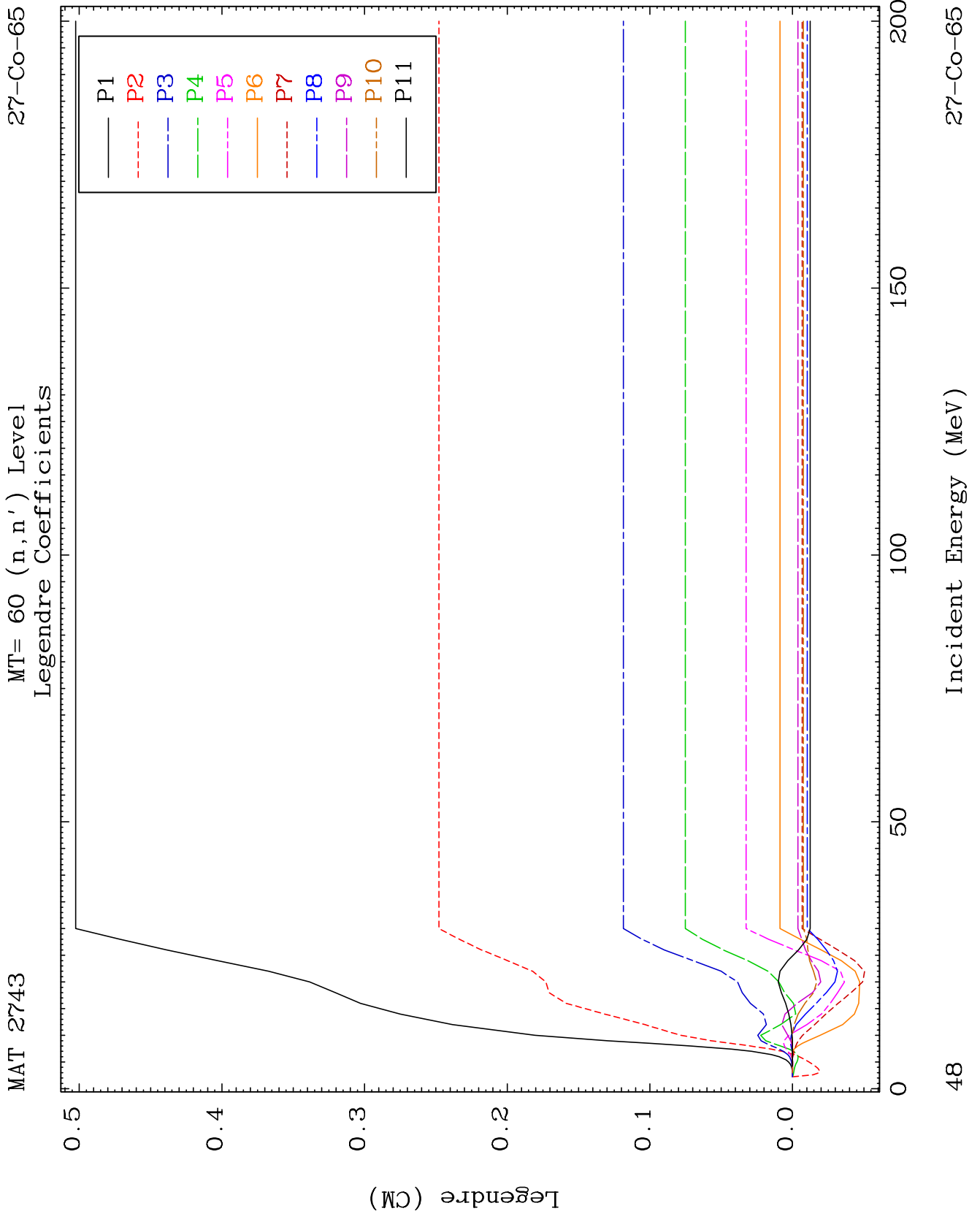
27-Co-65



47

Incident Energy (MeV)

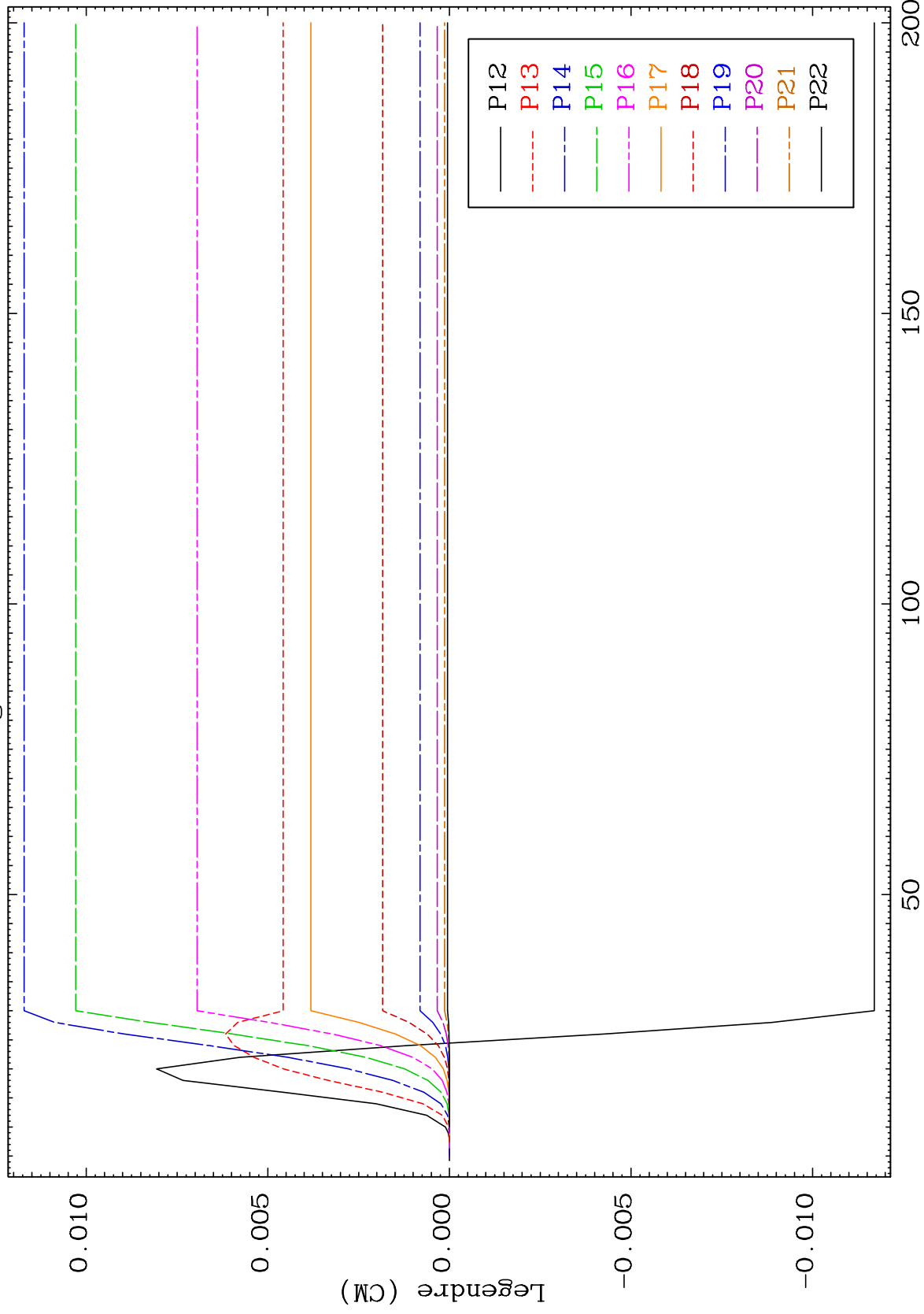
27-Co-65



MAT 2743

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

27-Co-65



49

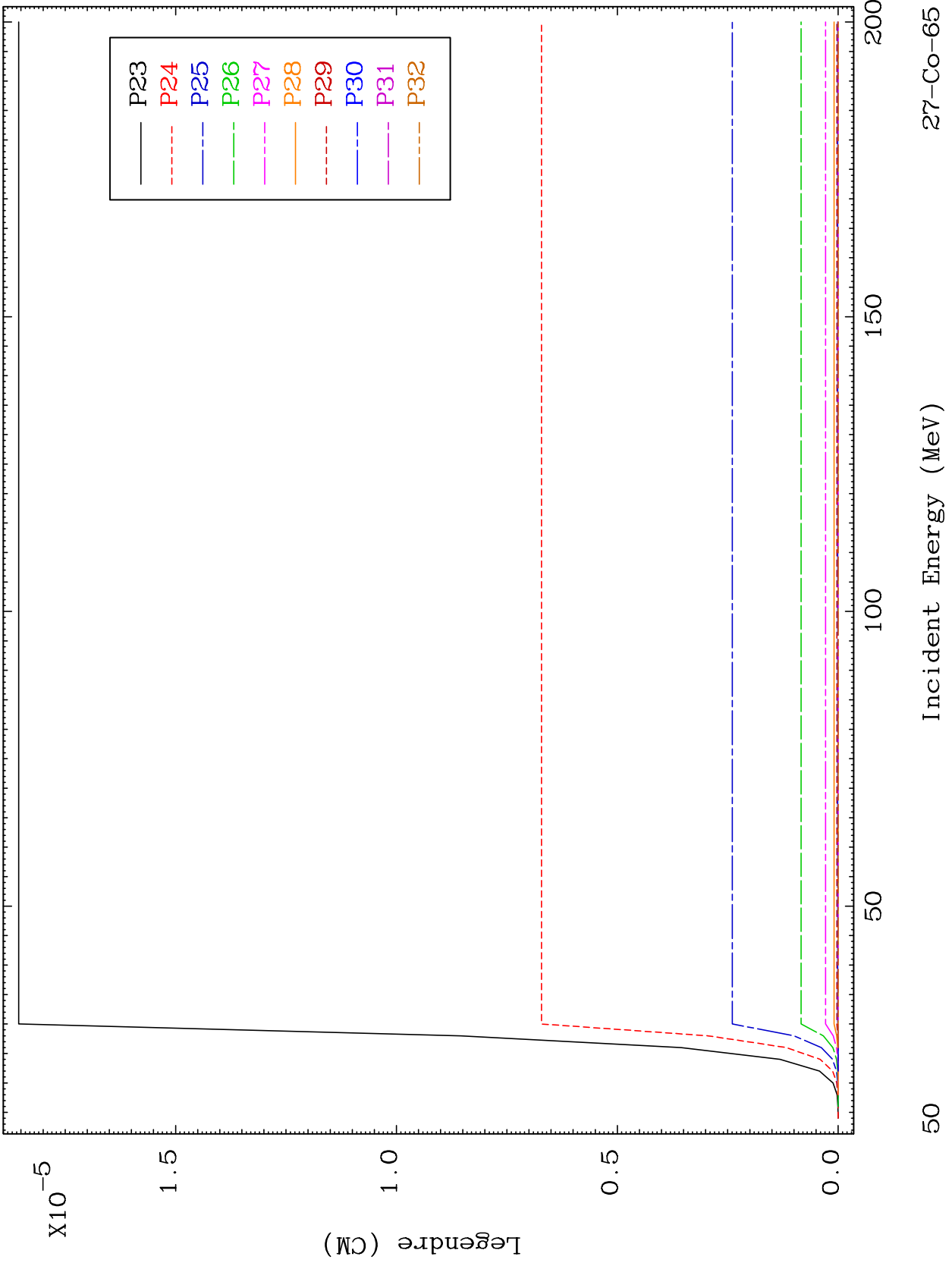
Incident Energy (MeV)

27-Co-65

MAT 2743

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

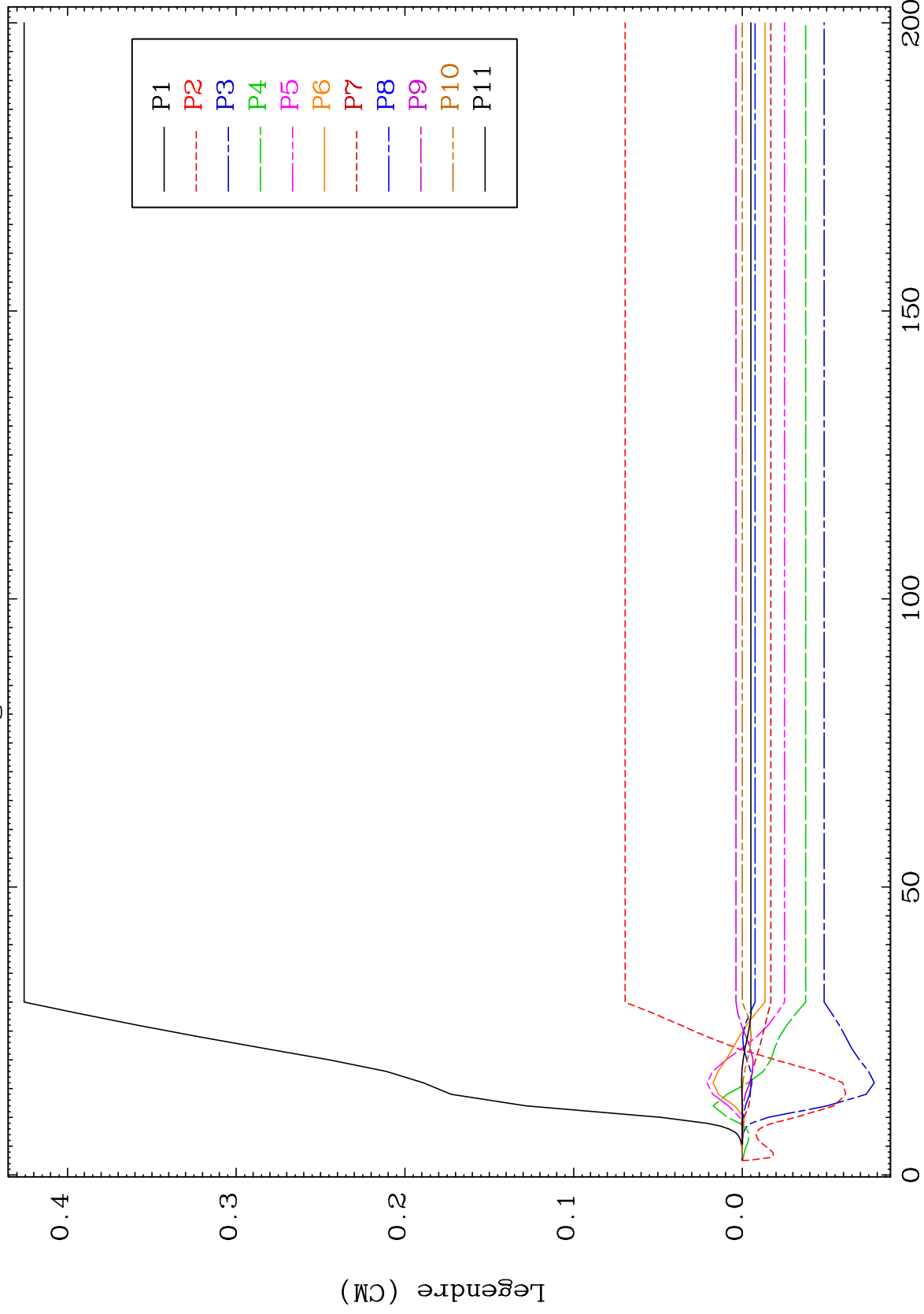
27-Co-65



MAT 2743

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

27-Co-65



51

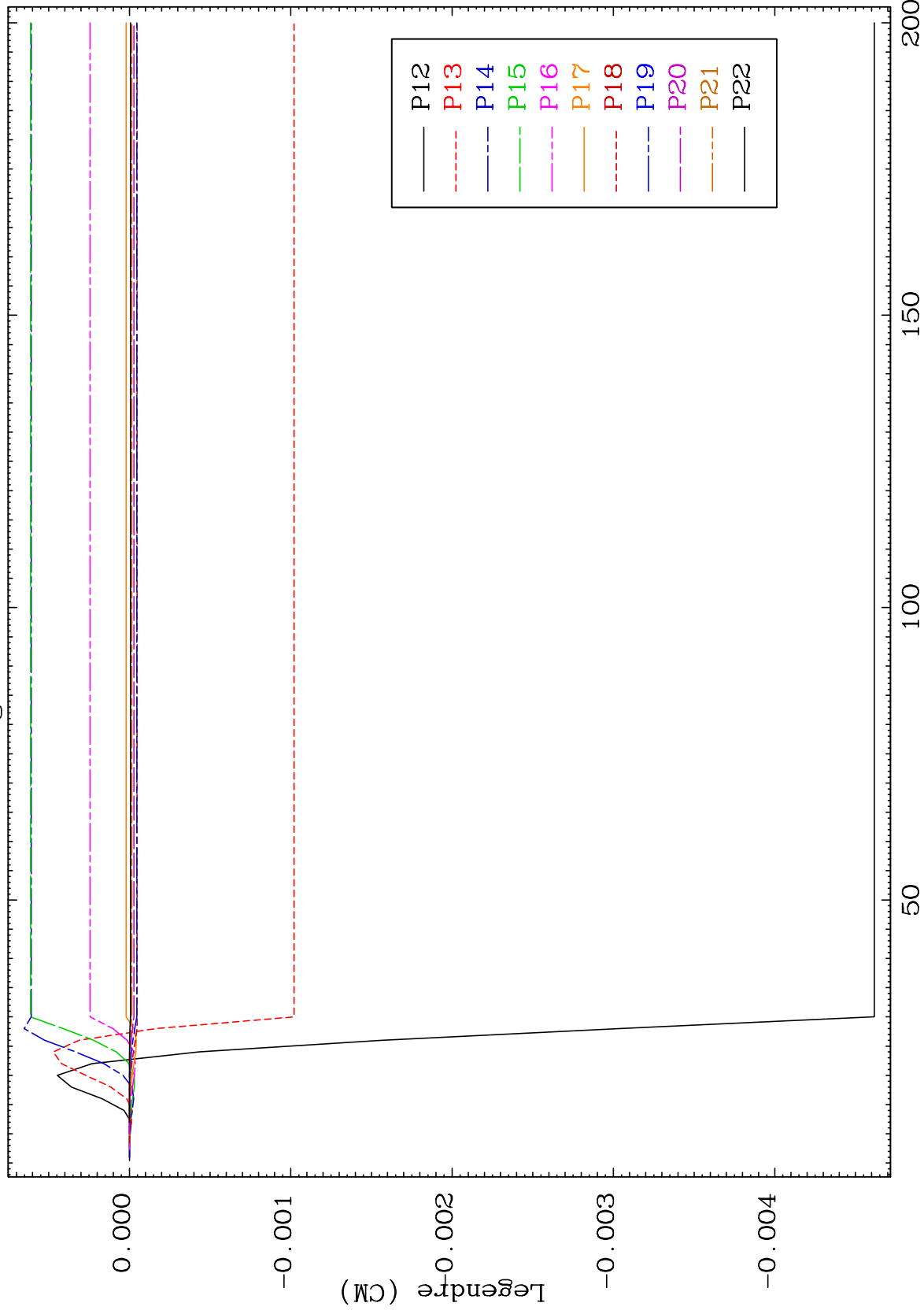
Incident Energy (MeV)

27-Co-65

MAT 2743

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

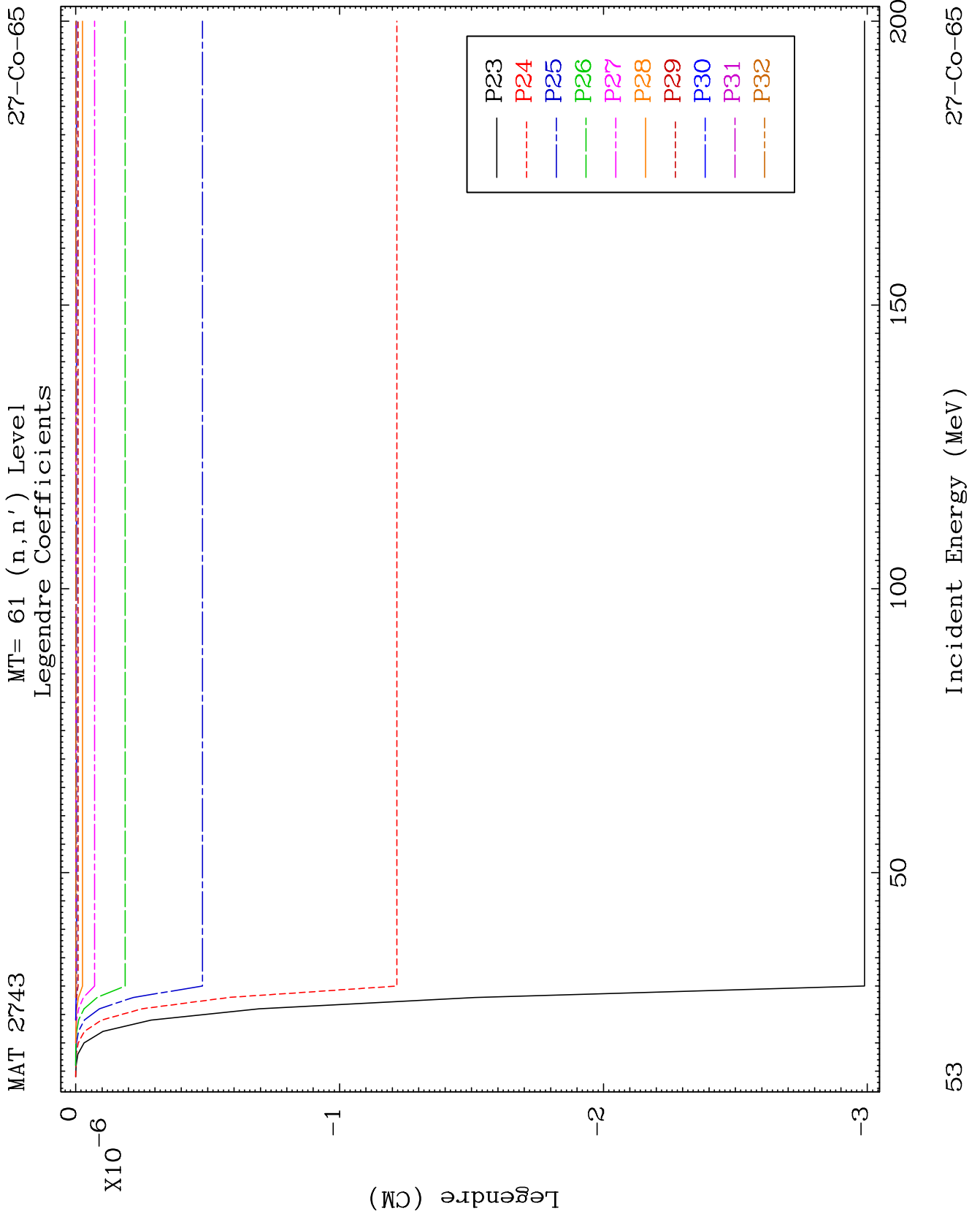
27-Co-65



52

Incident Energy (MeV)

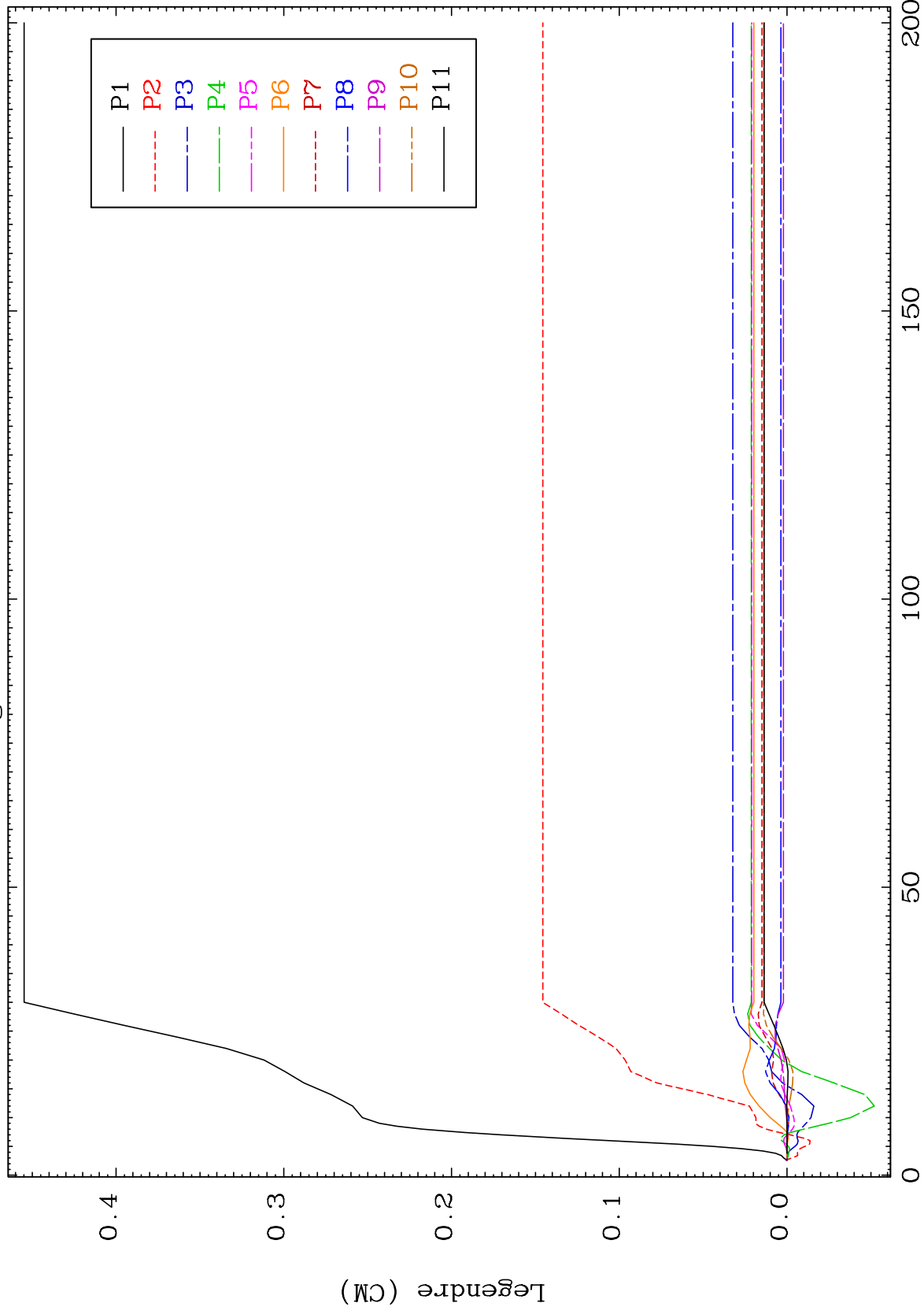
27-Co-65



MAT 2743

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

27-Co-65



54

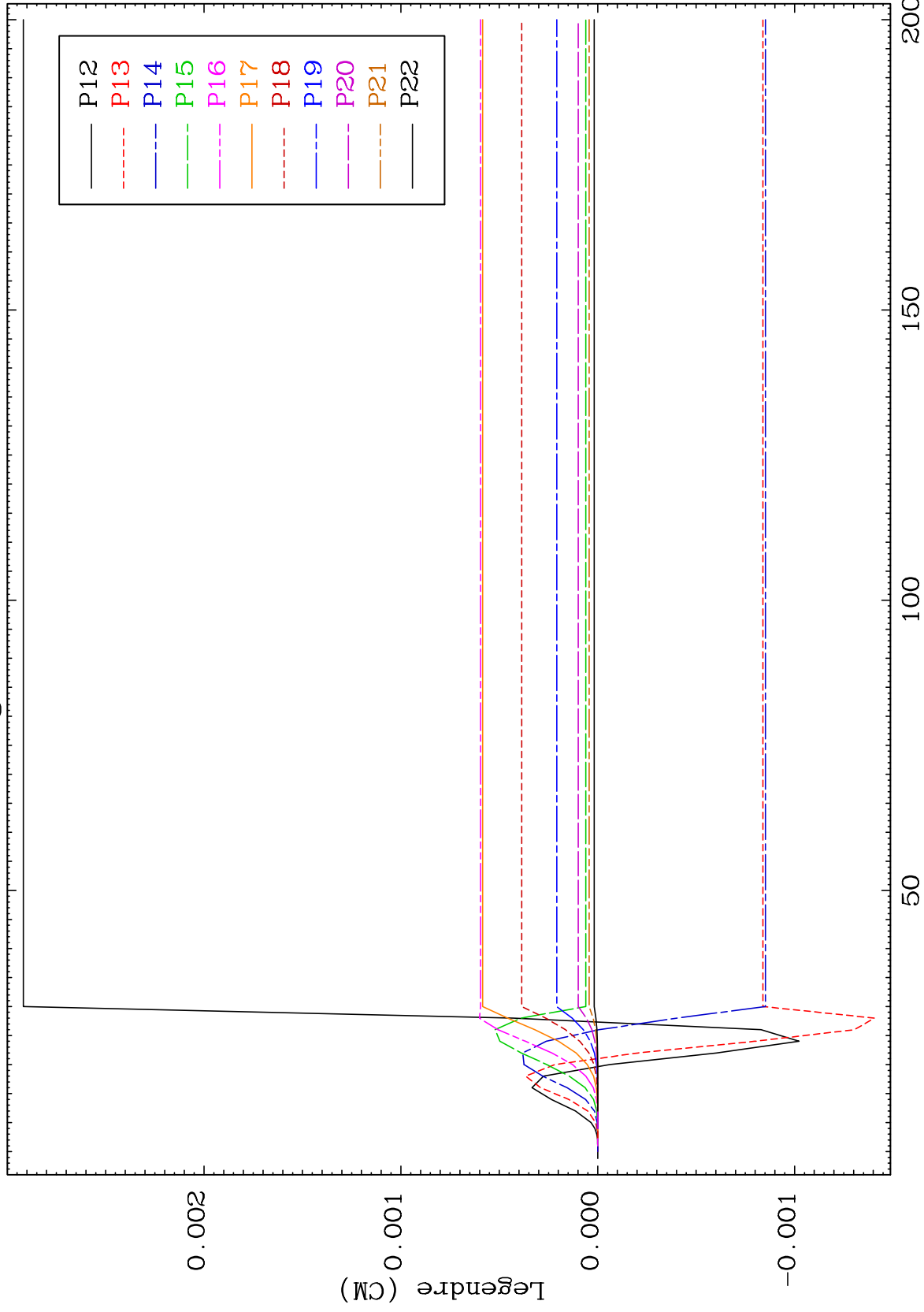
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



55

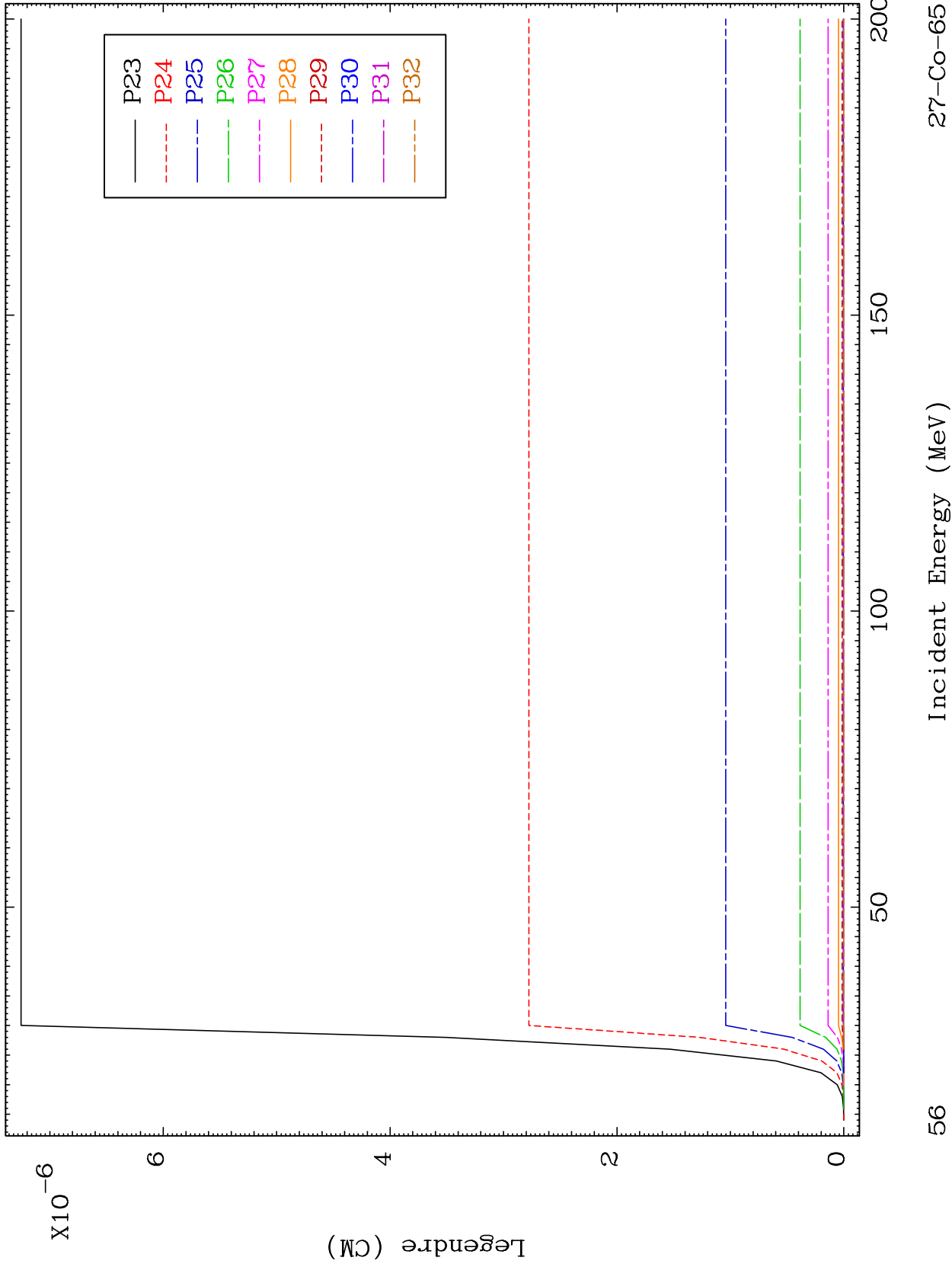
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



56

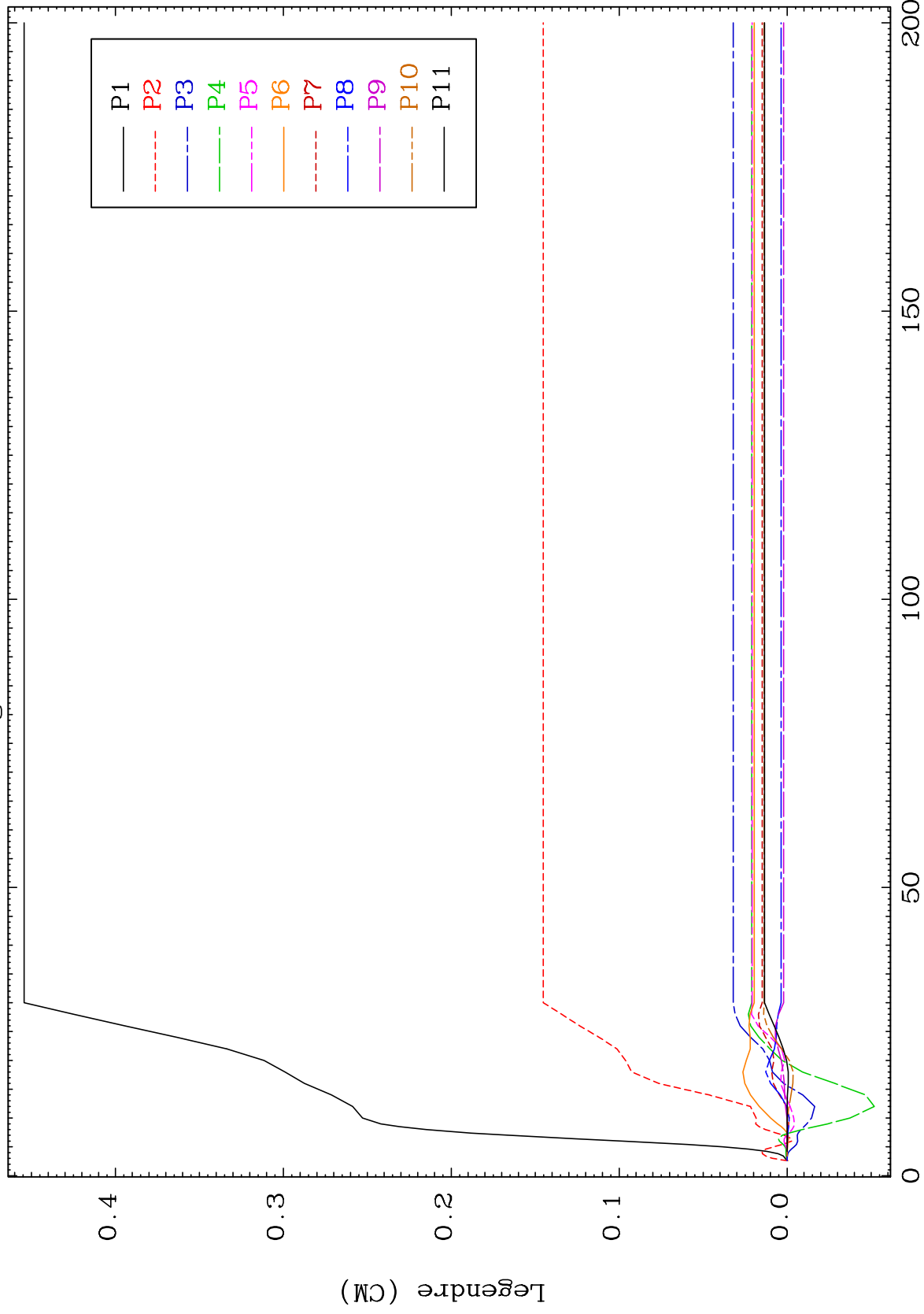
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



57

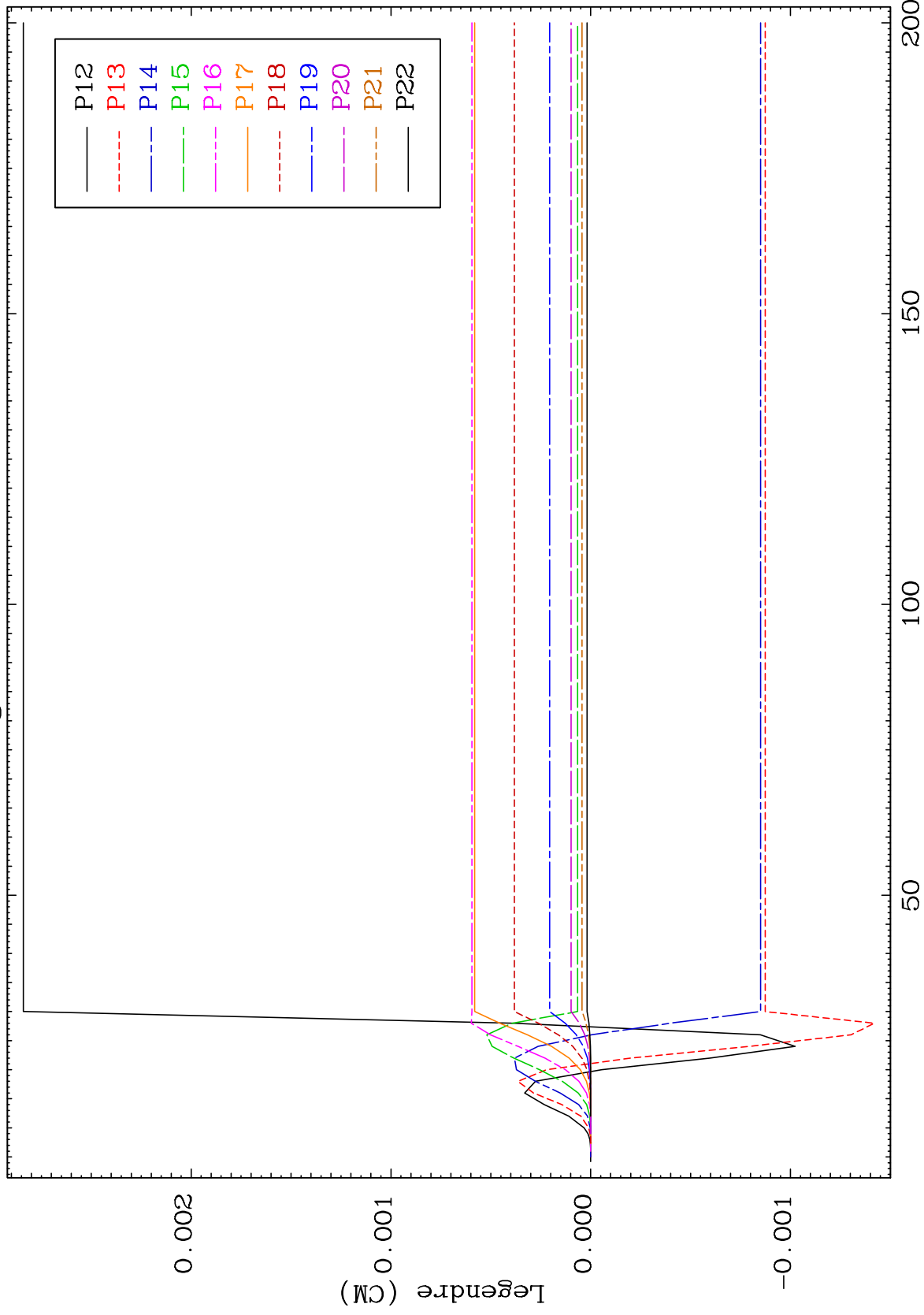
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



58

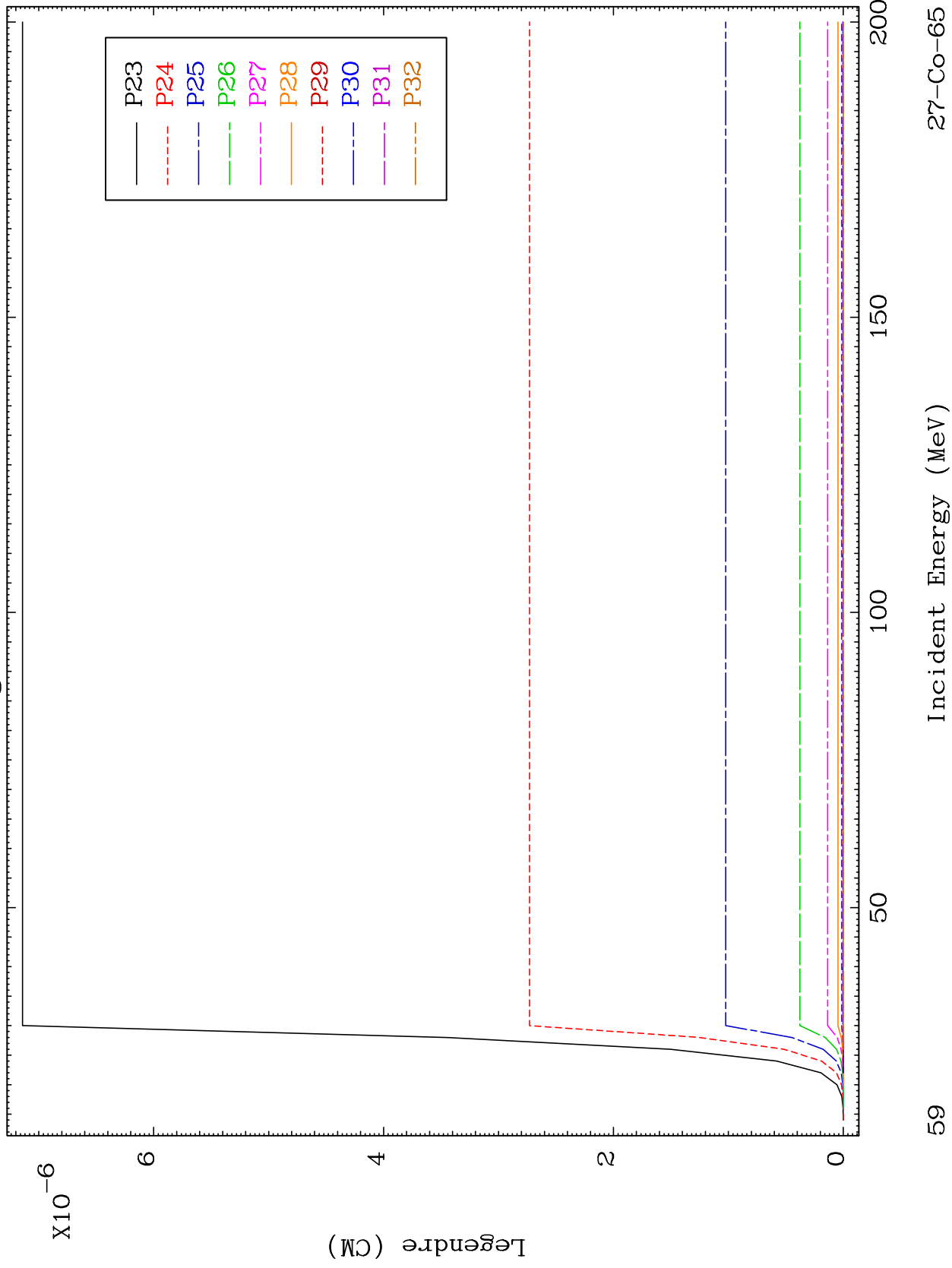
Incident Energy (MeV)

27-Co-65

MAT 2743

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

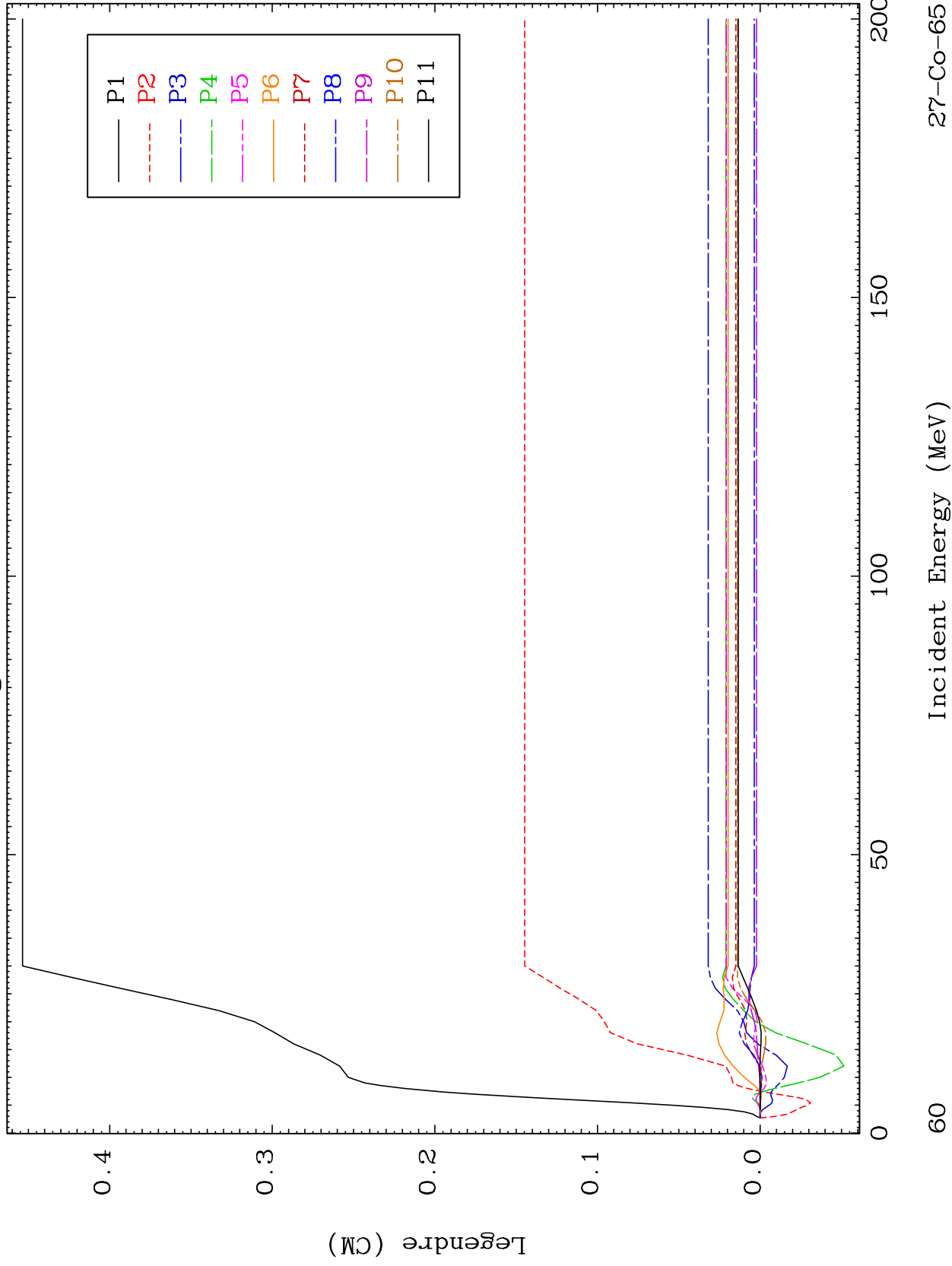
27-Co-65



MAT 2743

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

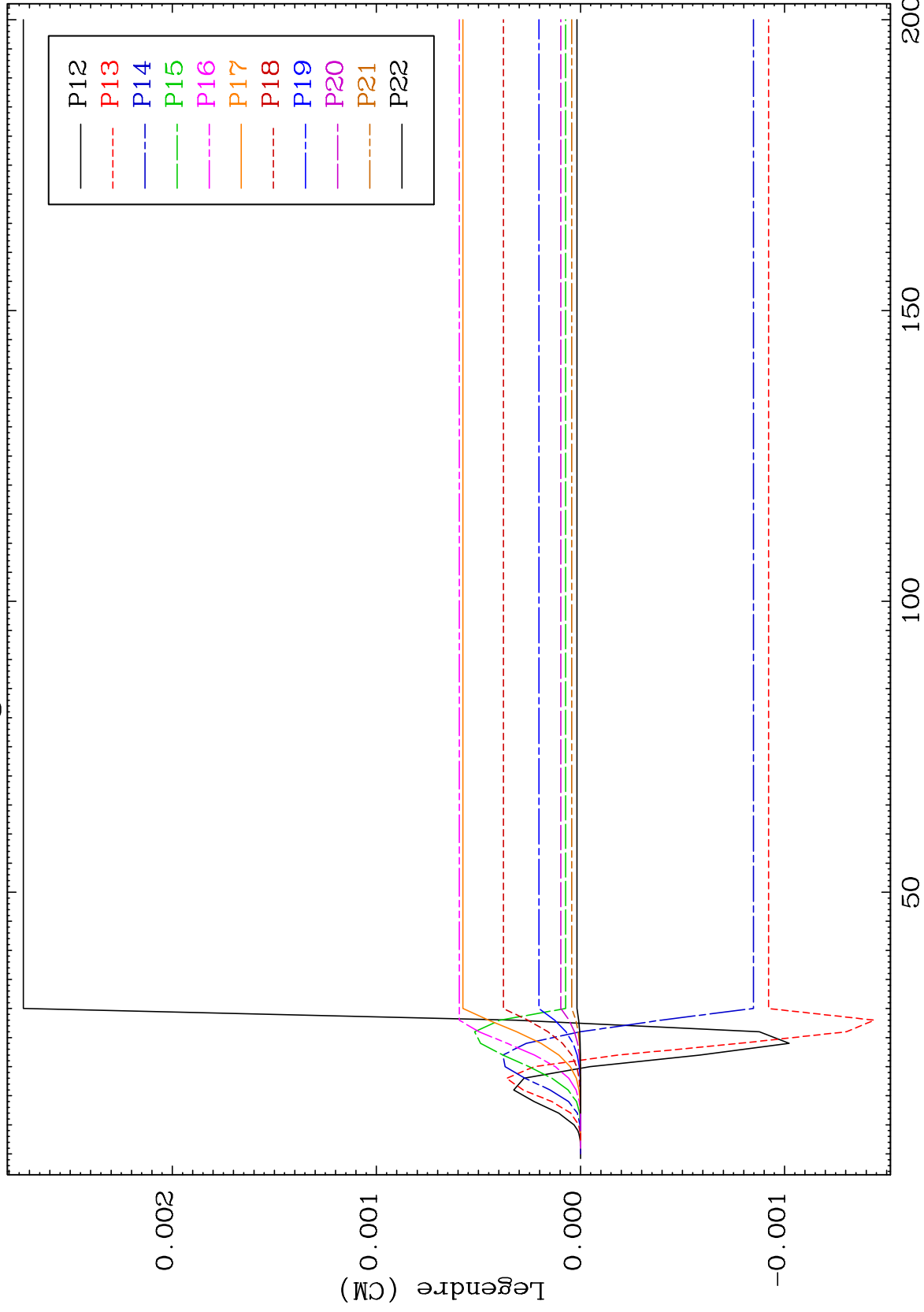
27-Co-65



MAT 2743

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

27-Co-65



61

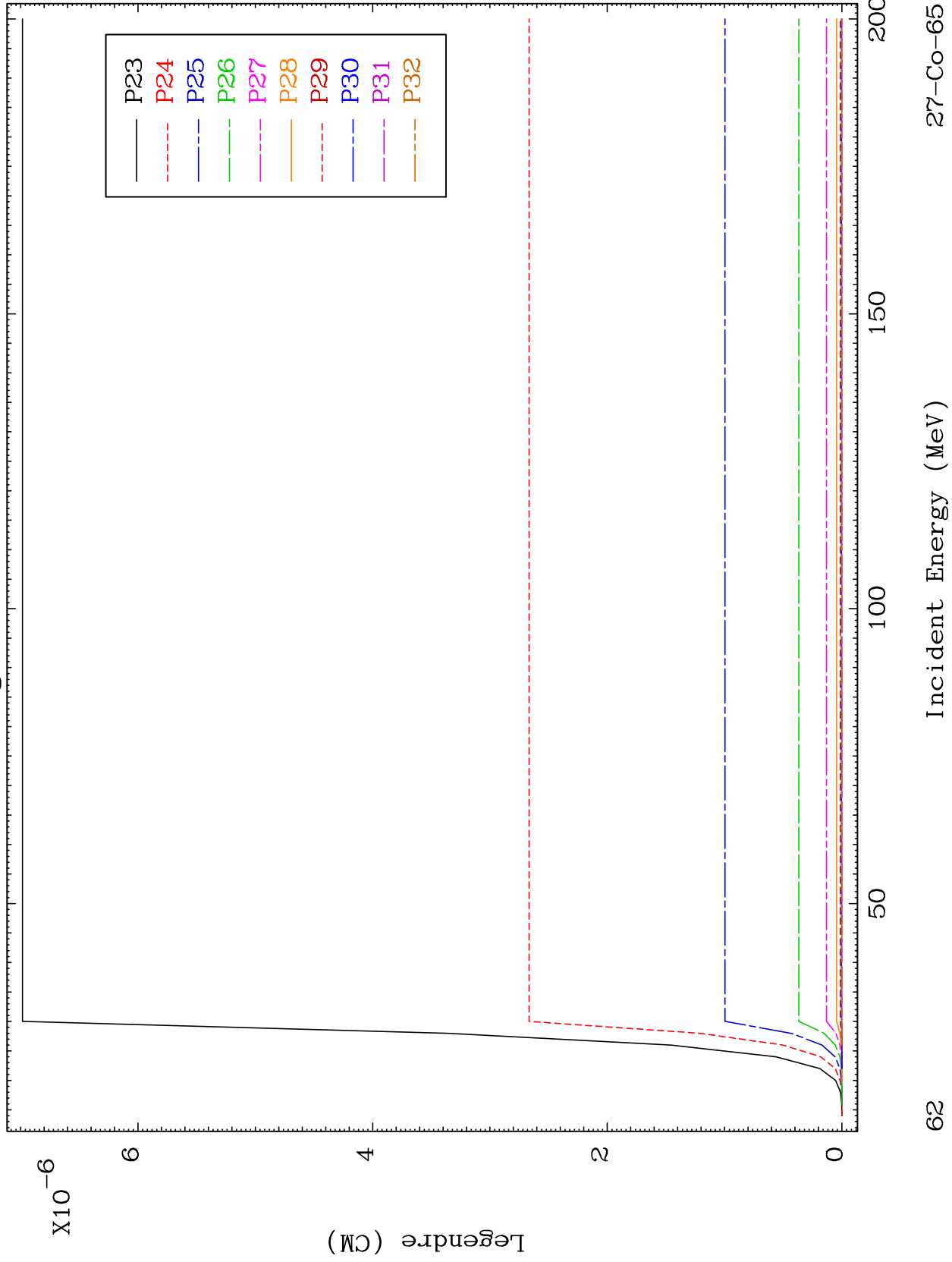
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



62

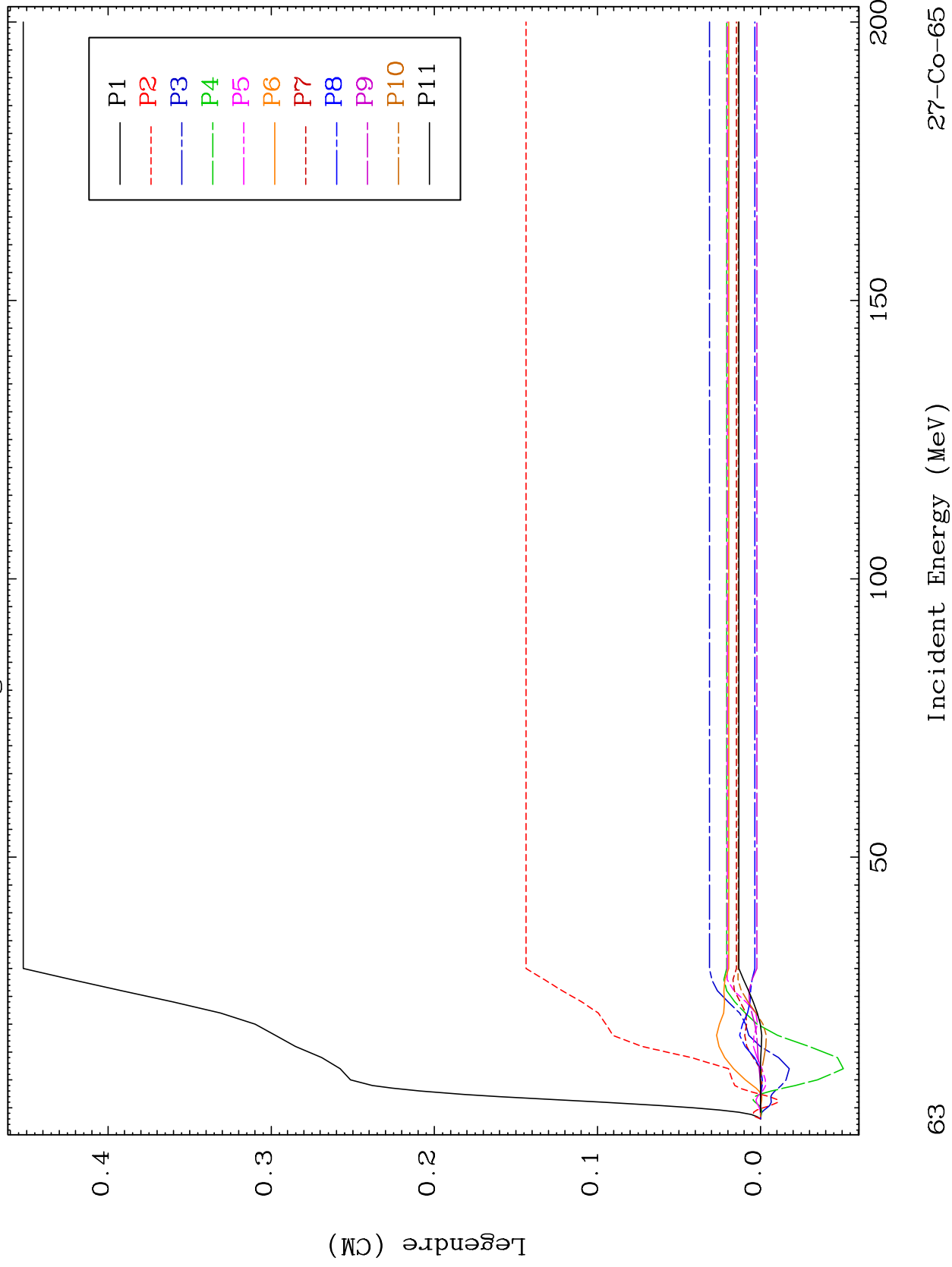
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



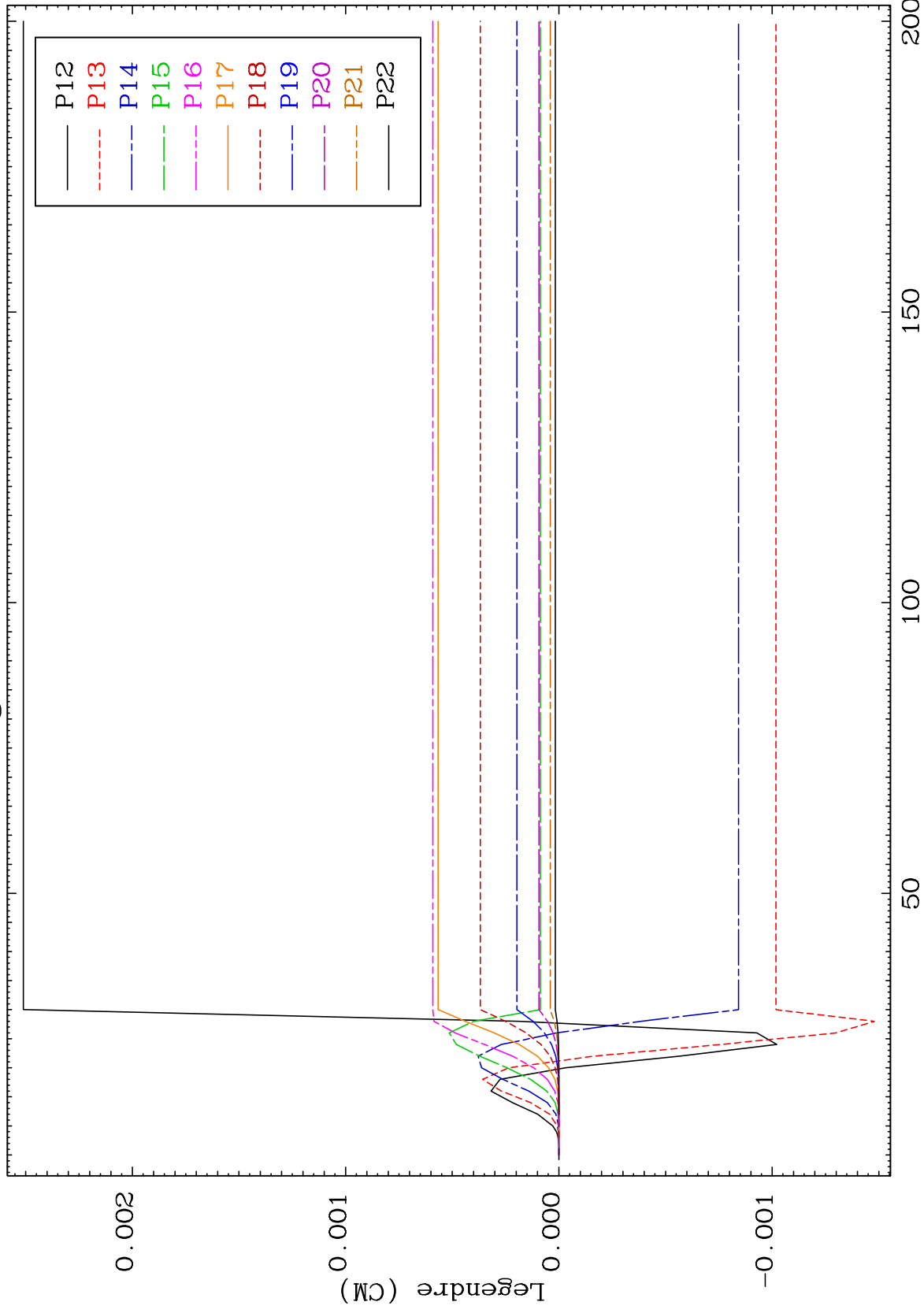
63

27-Co-65

MAT 2743

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

27-Co-65



64

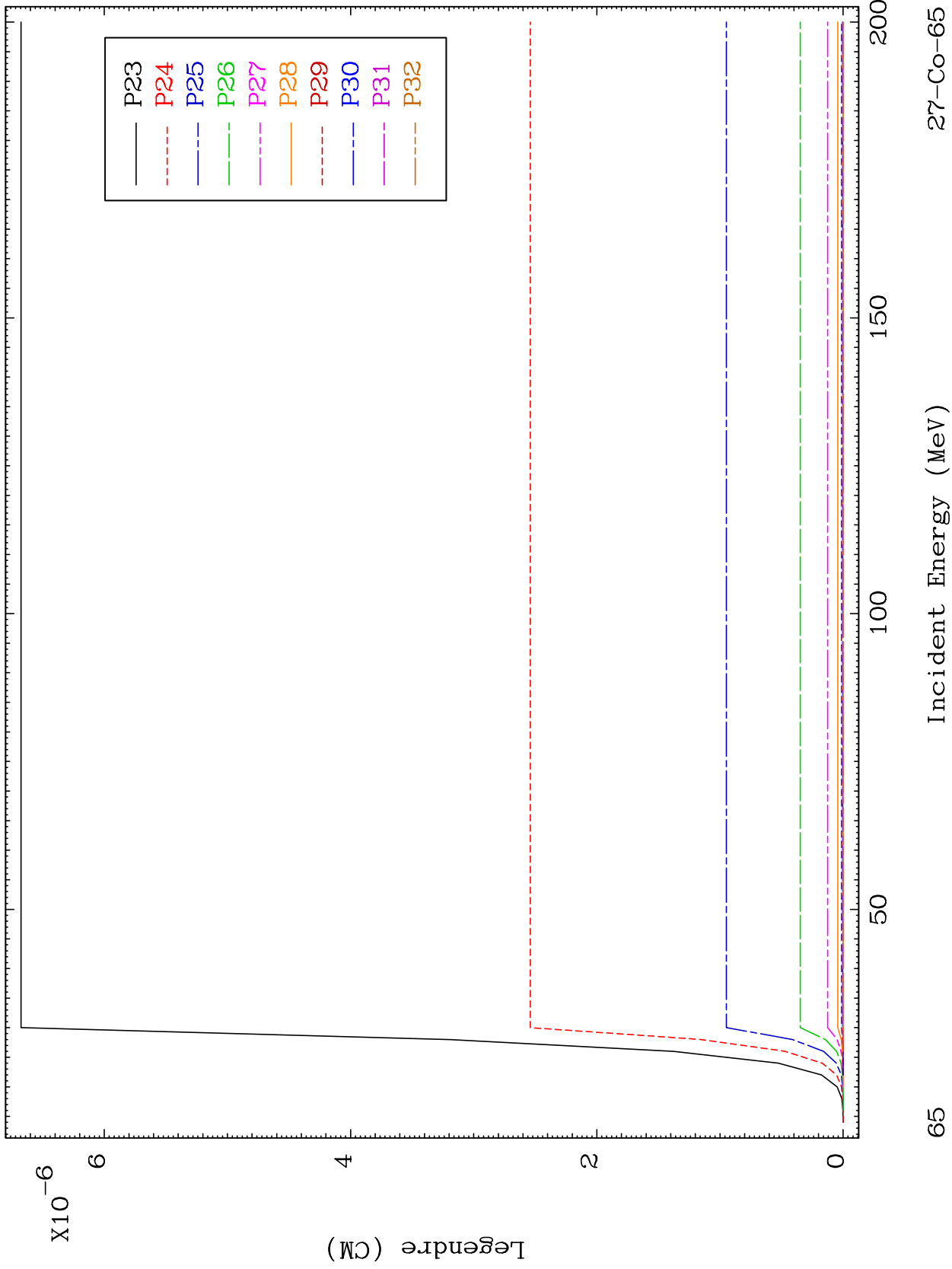
Incident Energy (MeV)

27-Co-65

MAT 2743

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

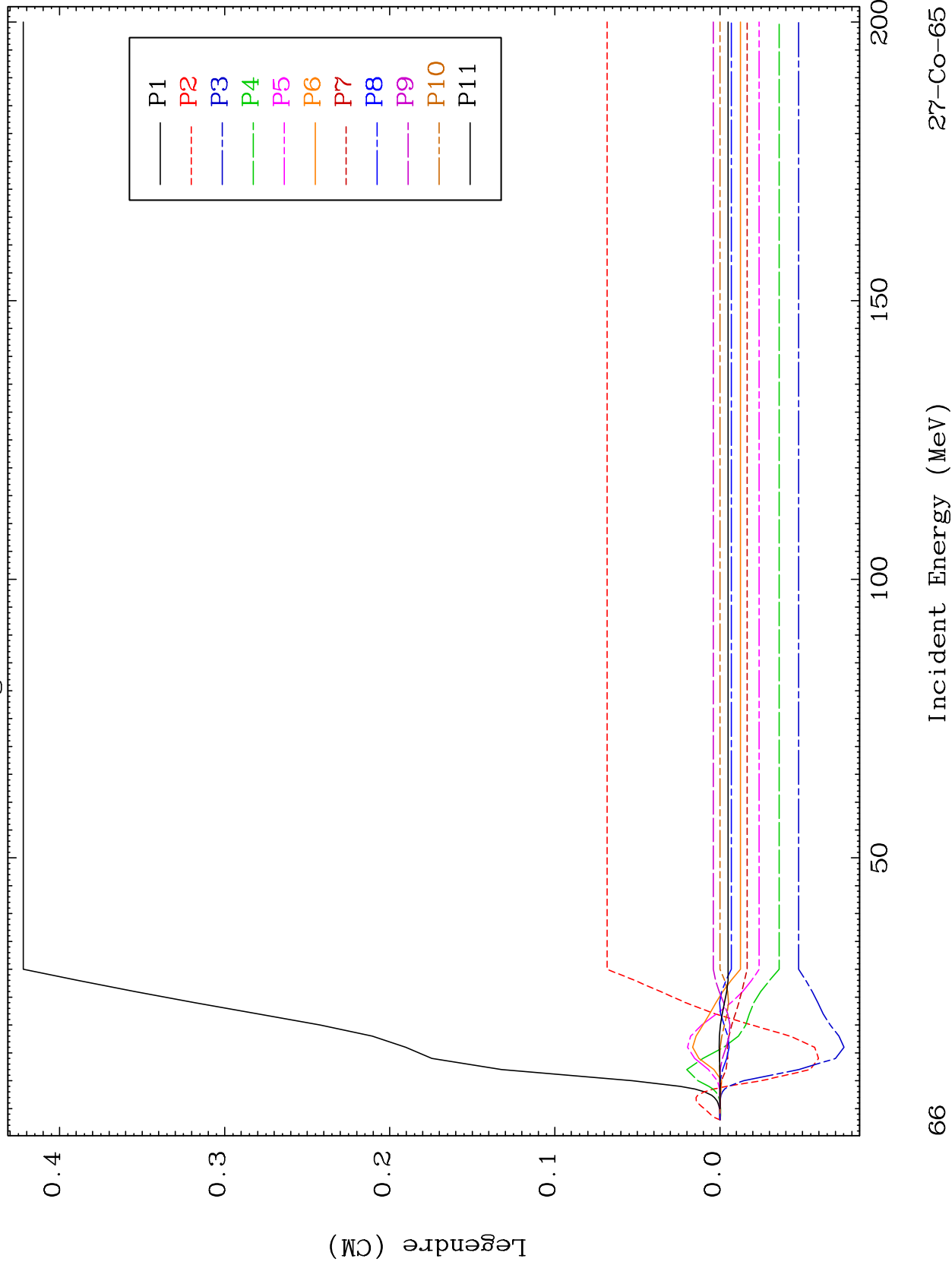
27-Co-65



MAT 2743

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

27-Co-65



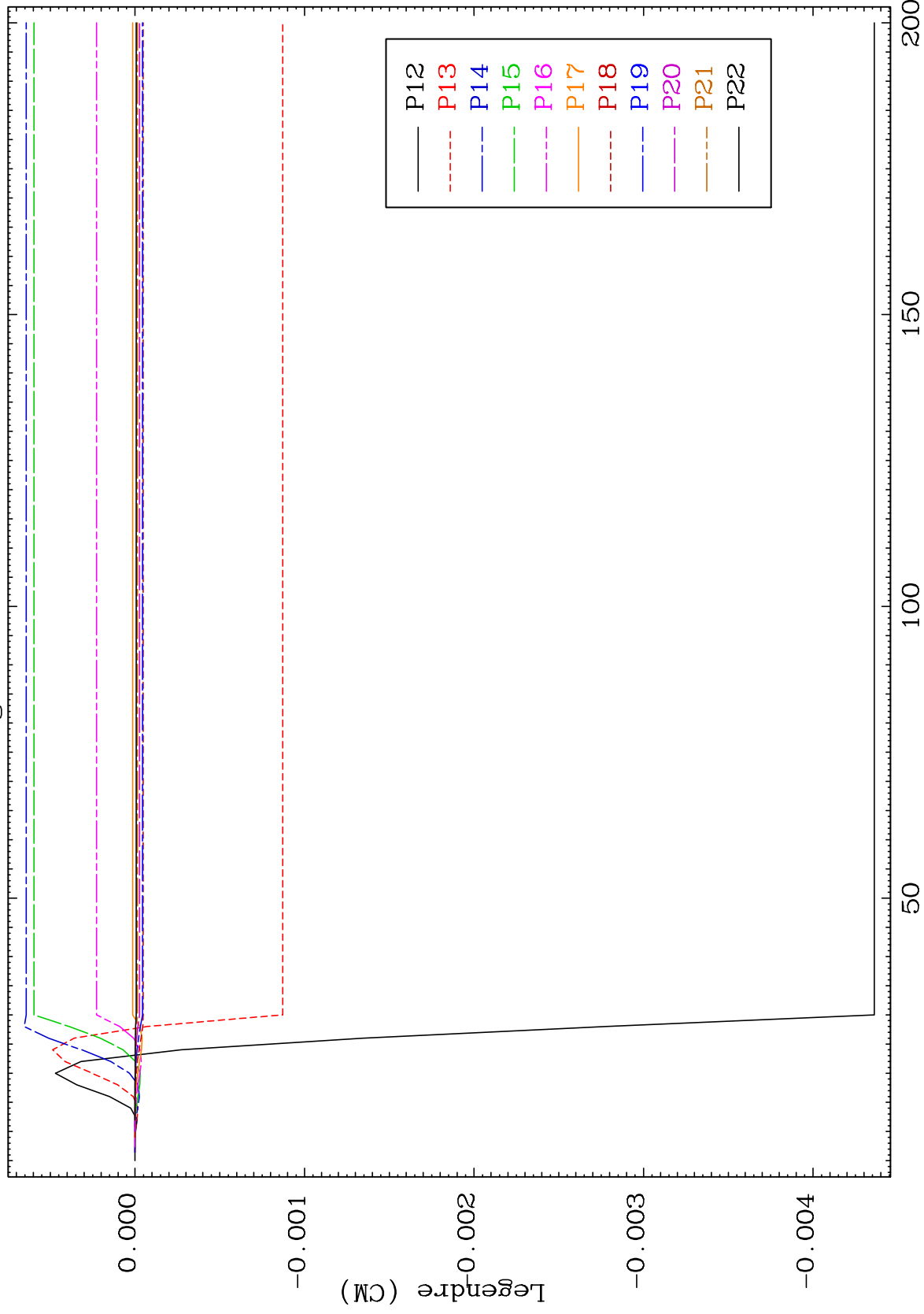
66

27-Co-65

MAT 2743

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

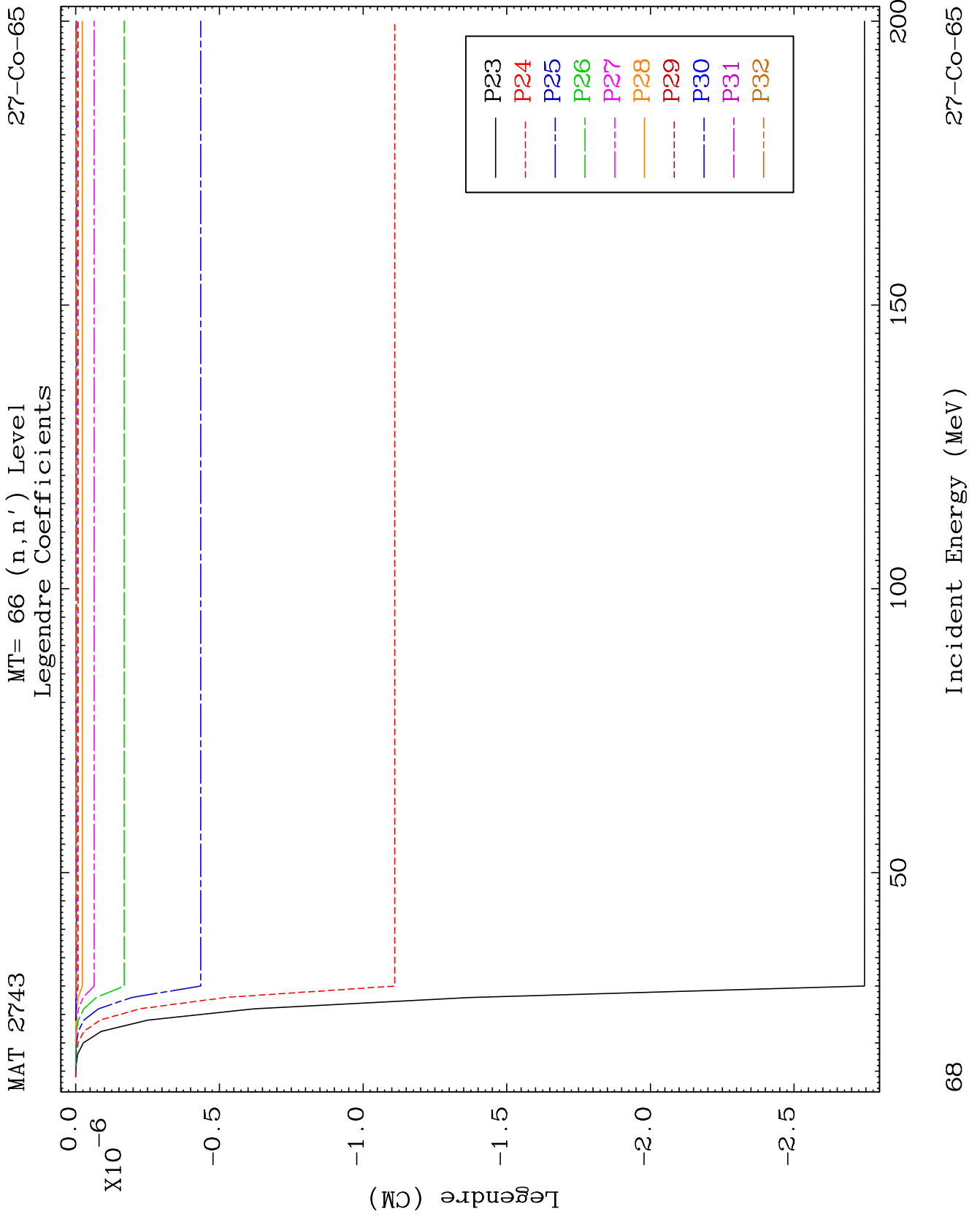
27-Co-65



67

Incident Energy (MeV)

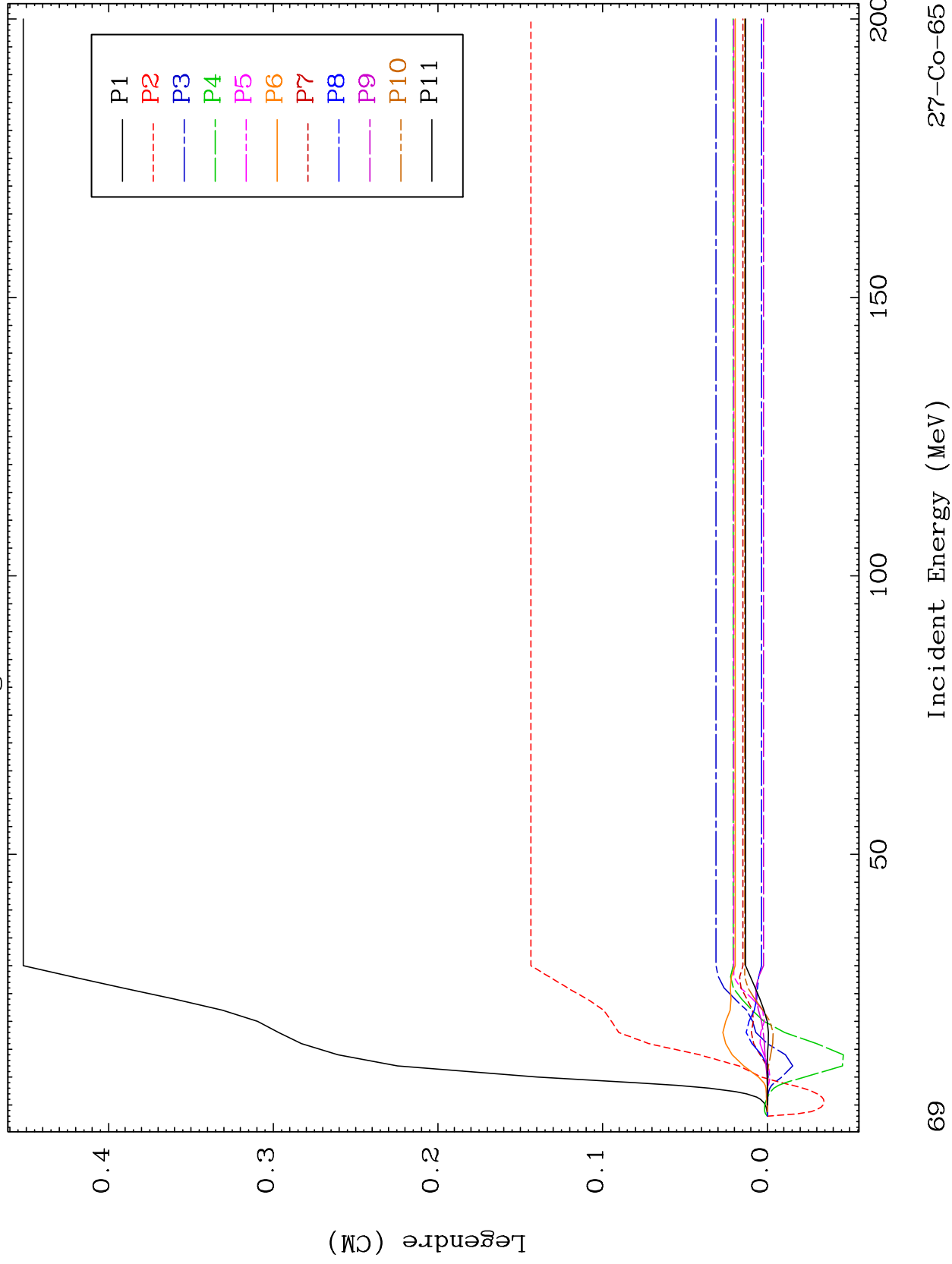
27-Co-65



MAT 2743

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

27-Co-65



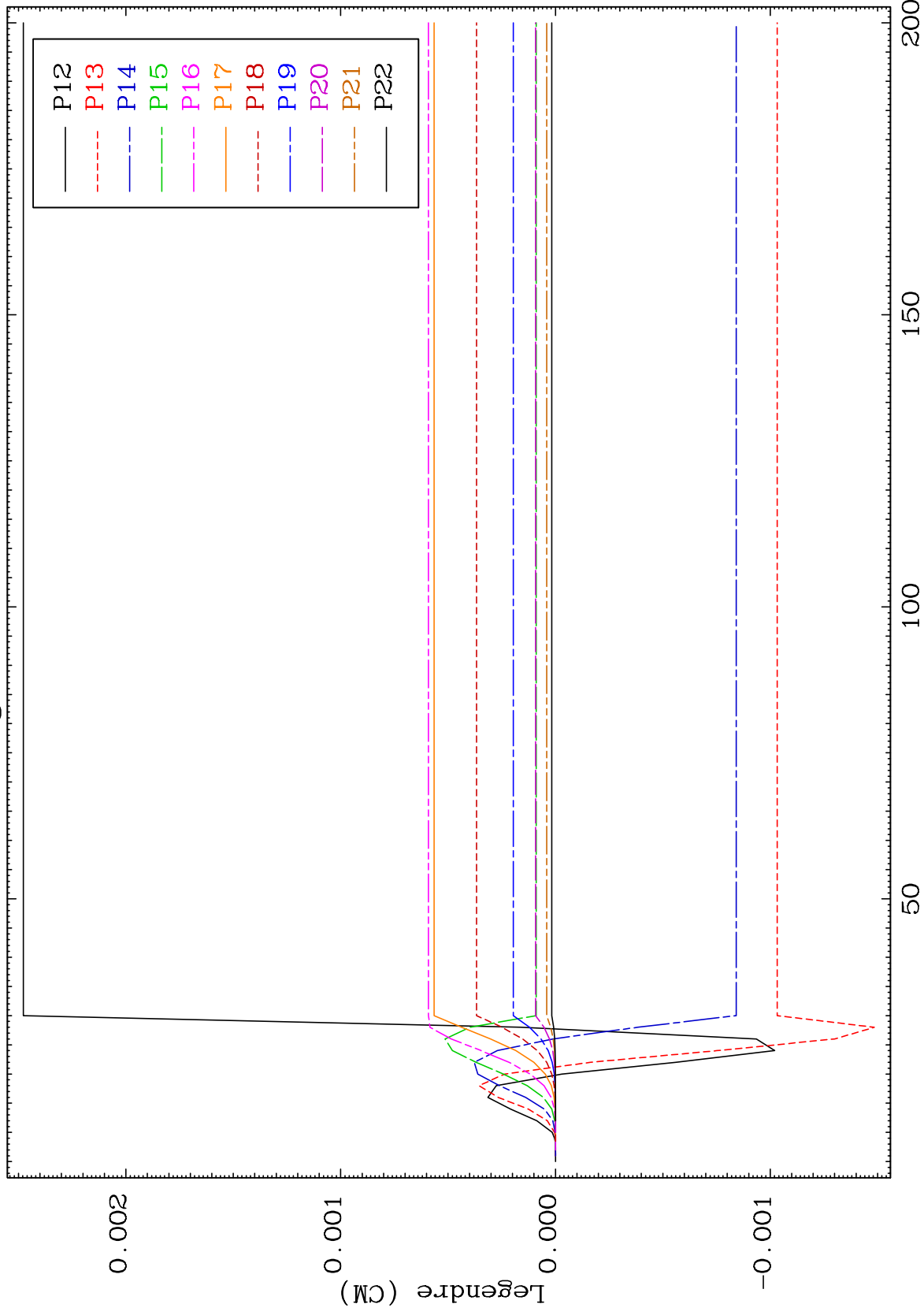
69

27-Co-65

MAT 2743

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

27-Co-65



70

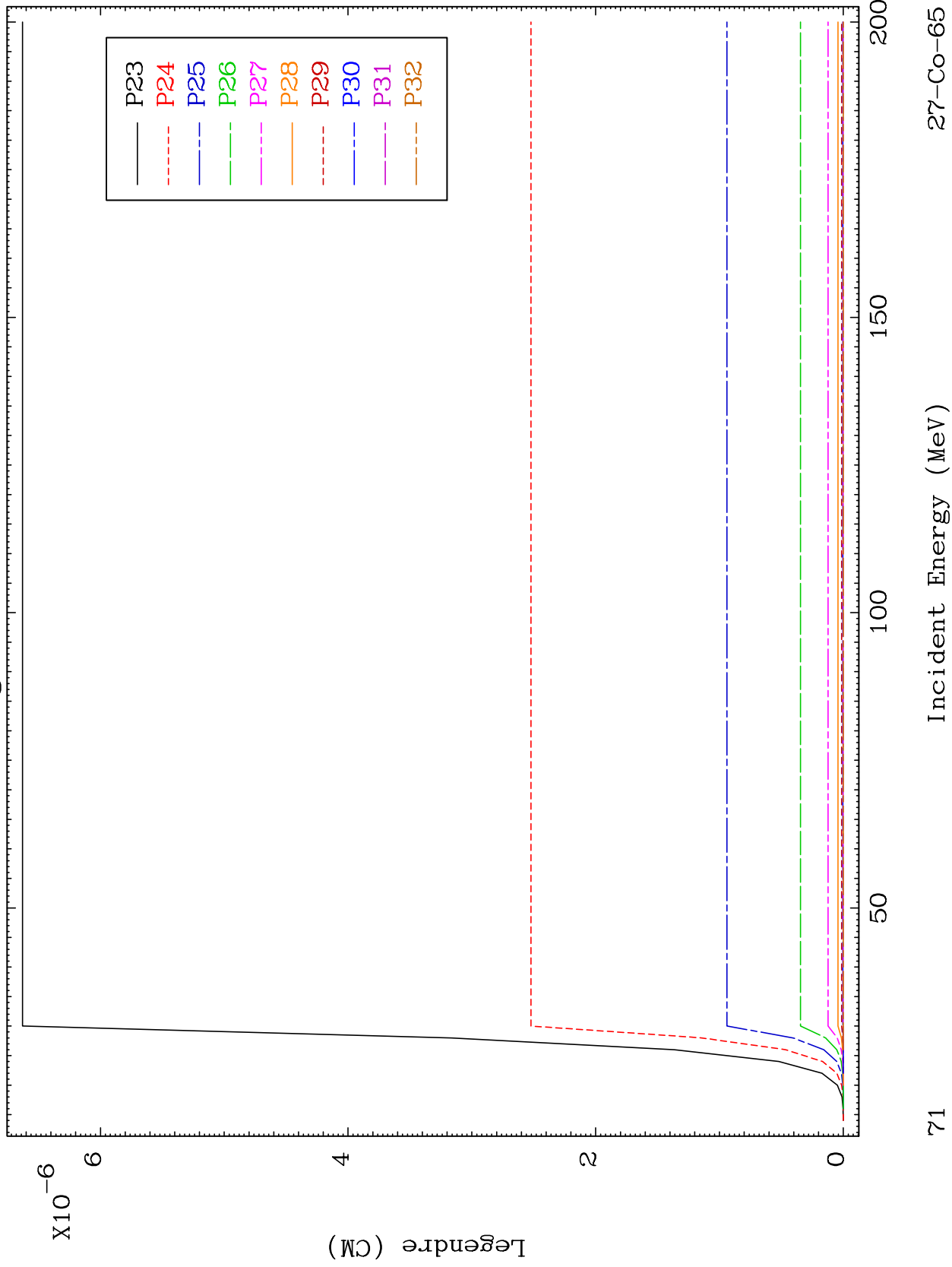
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



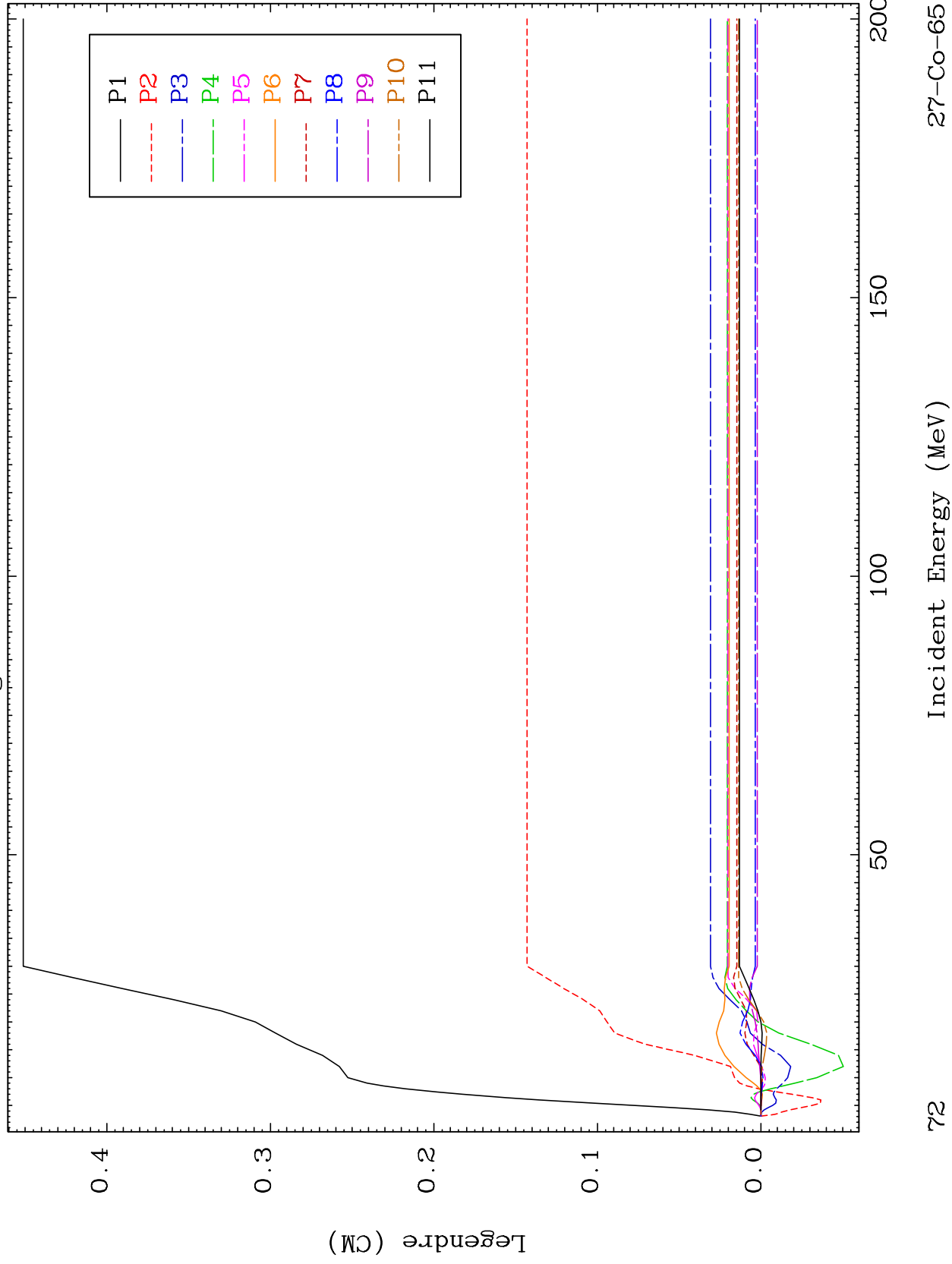
71

27-Co-65

MAT 2743

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

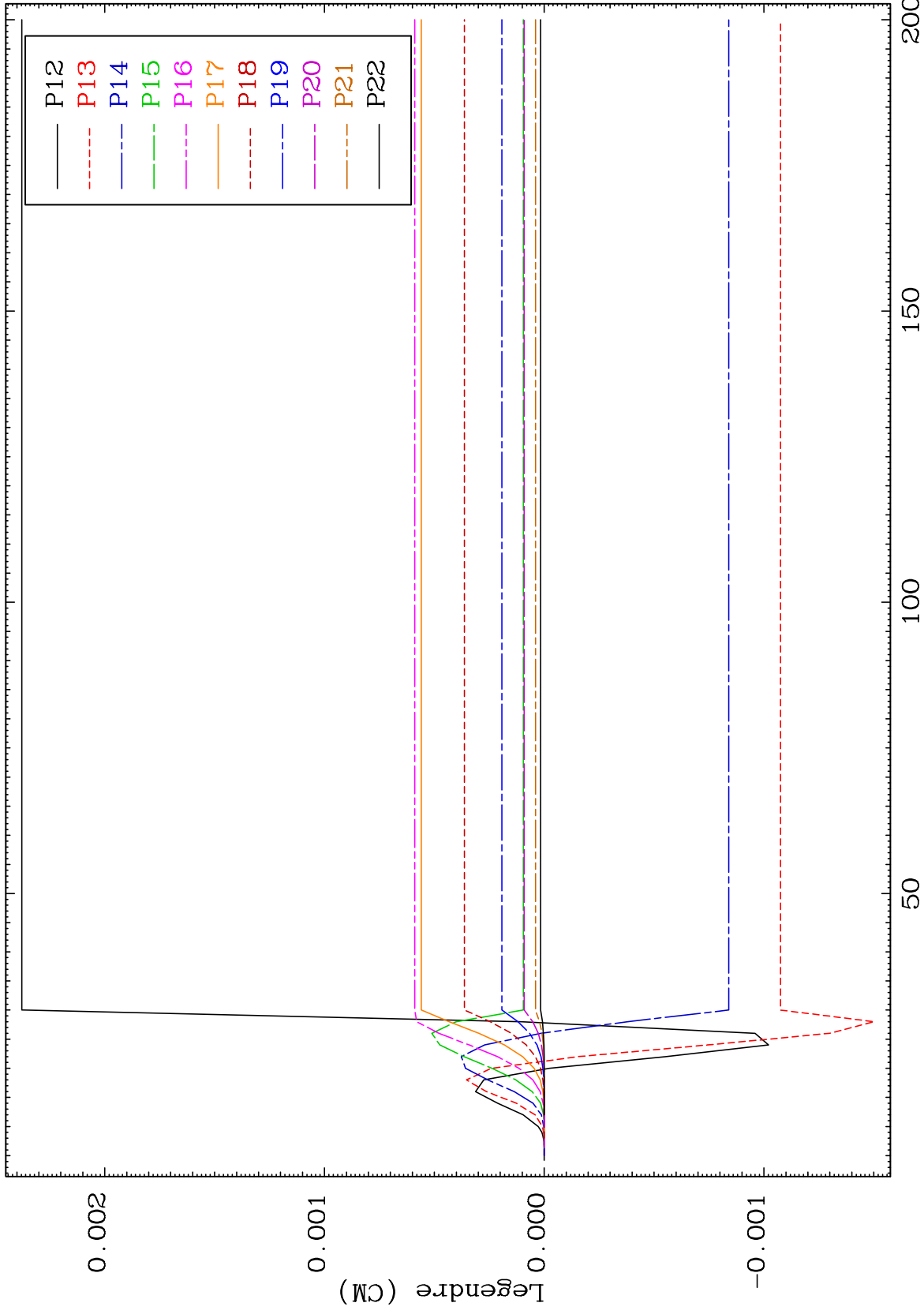
27-Co-65



MAT 2743

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

27-Co-65



73

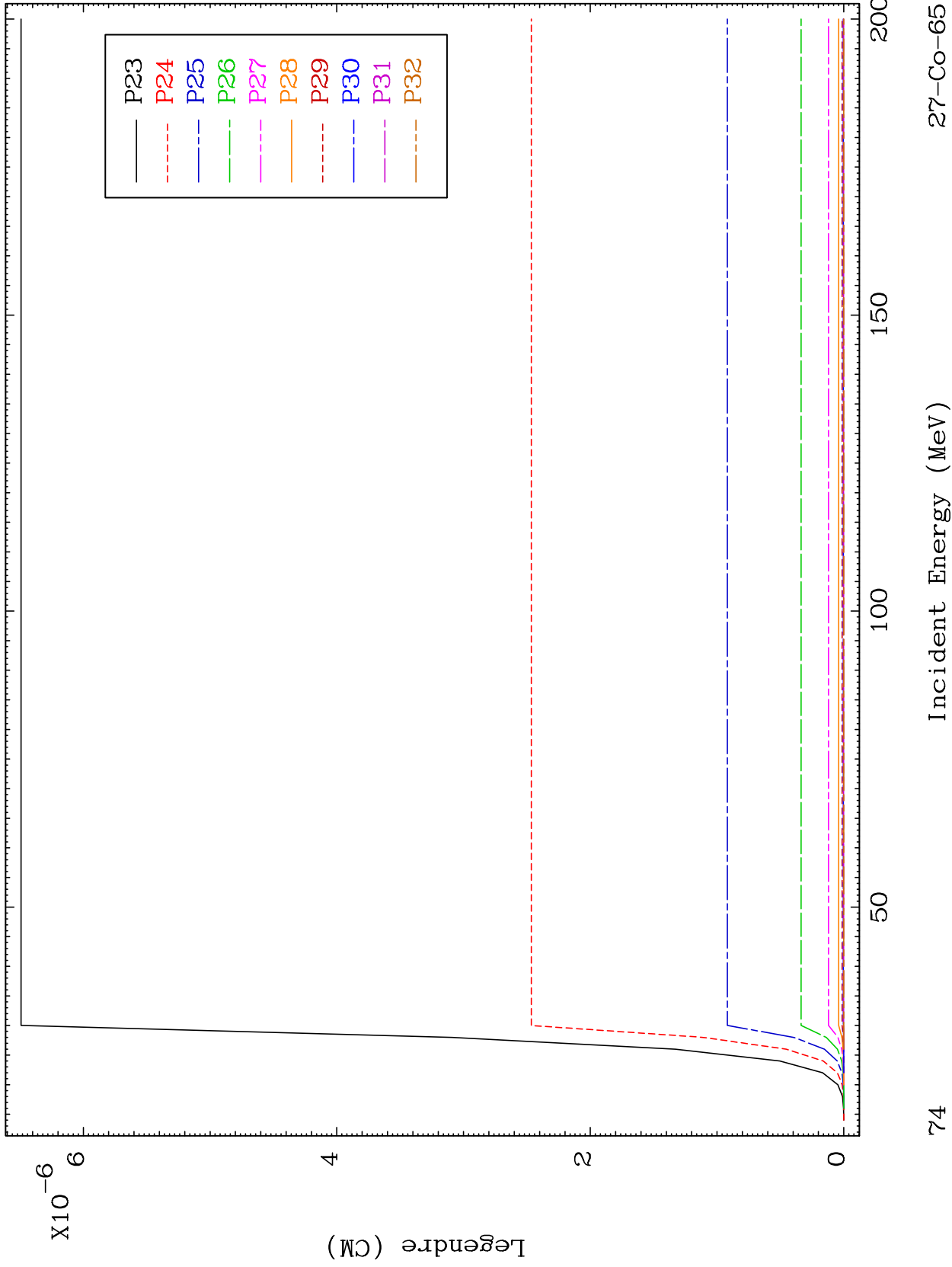
Incident Energy (MeV)

27-Co-65

MAT 2743

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

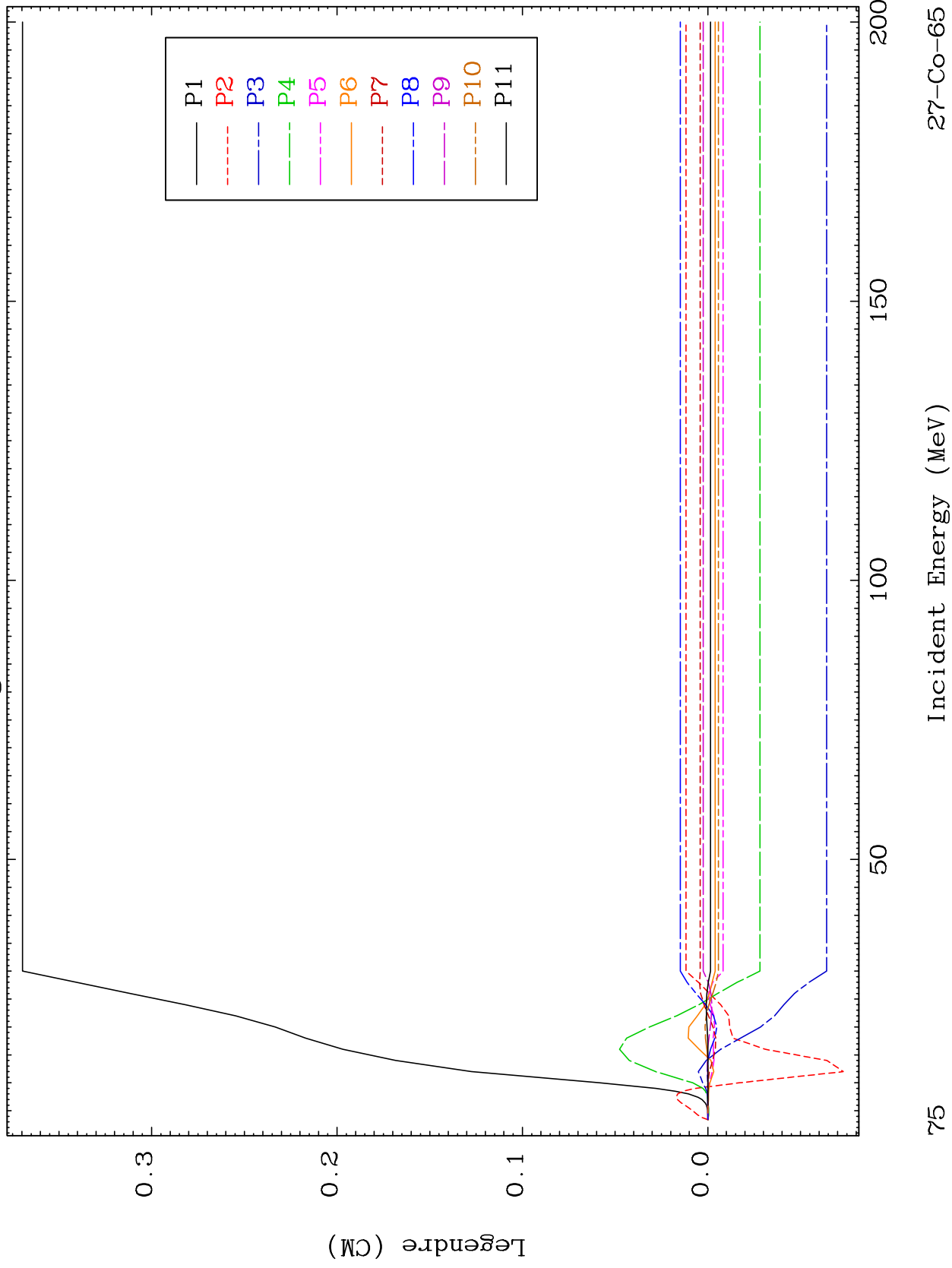
27-Co-65



MAT 2743

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

27-Co-65



75

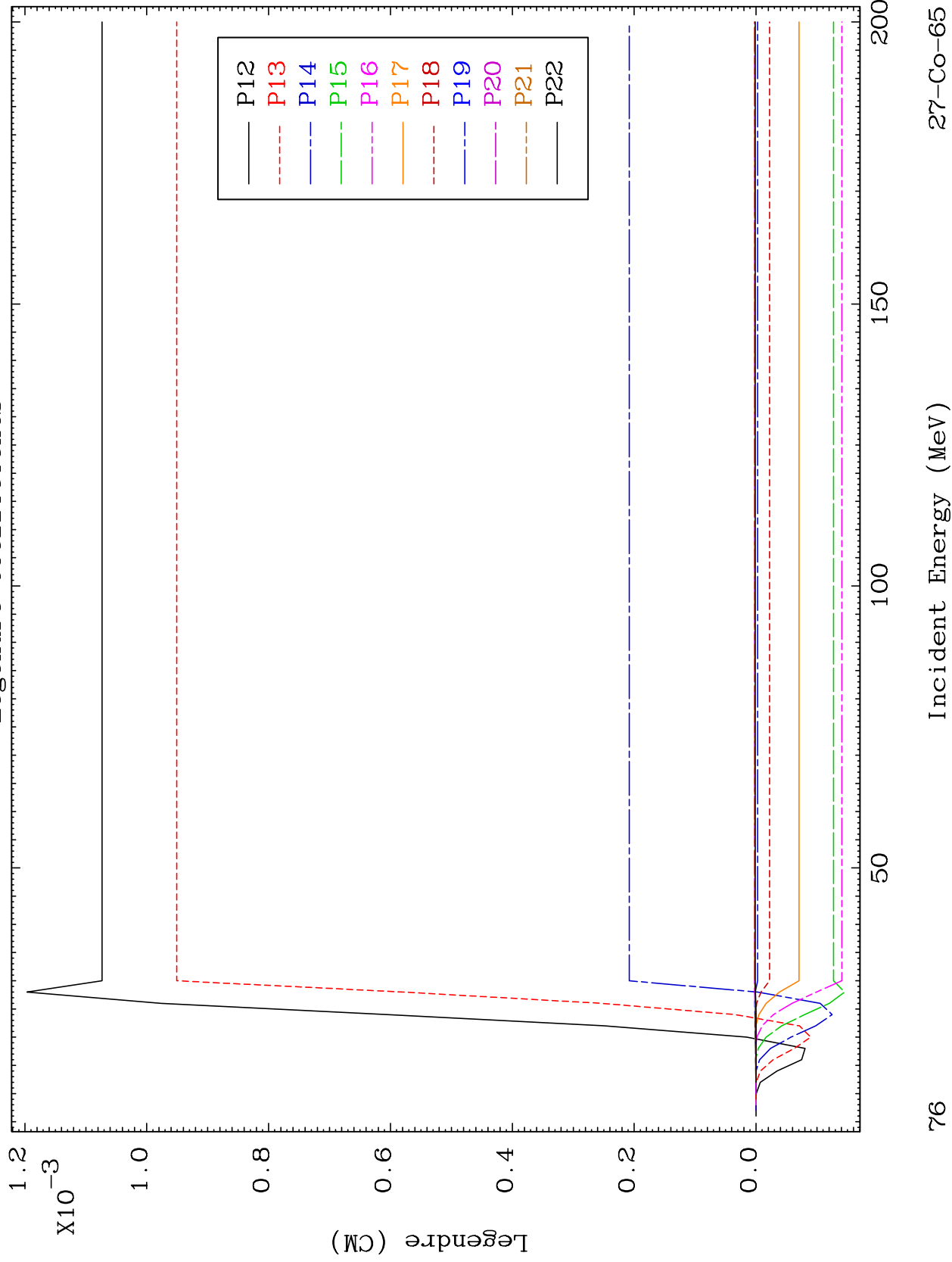
Incident Energy (MeV)

27-Co-65

MAT 2743

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

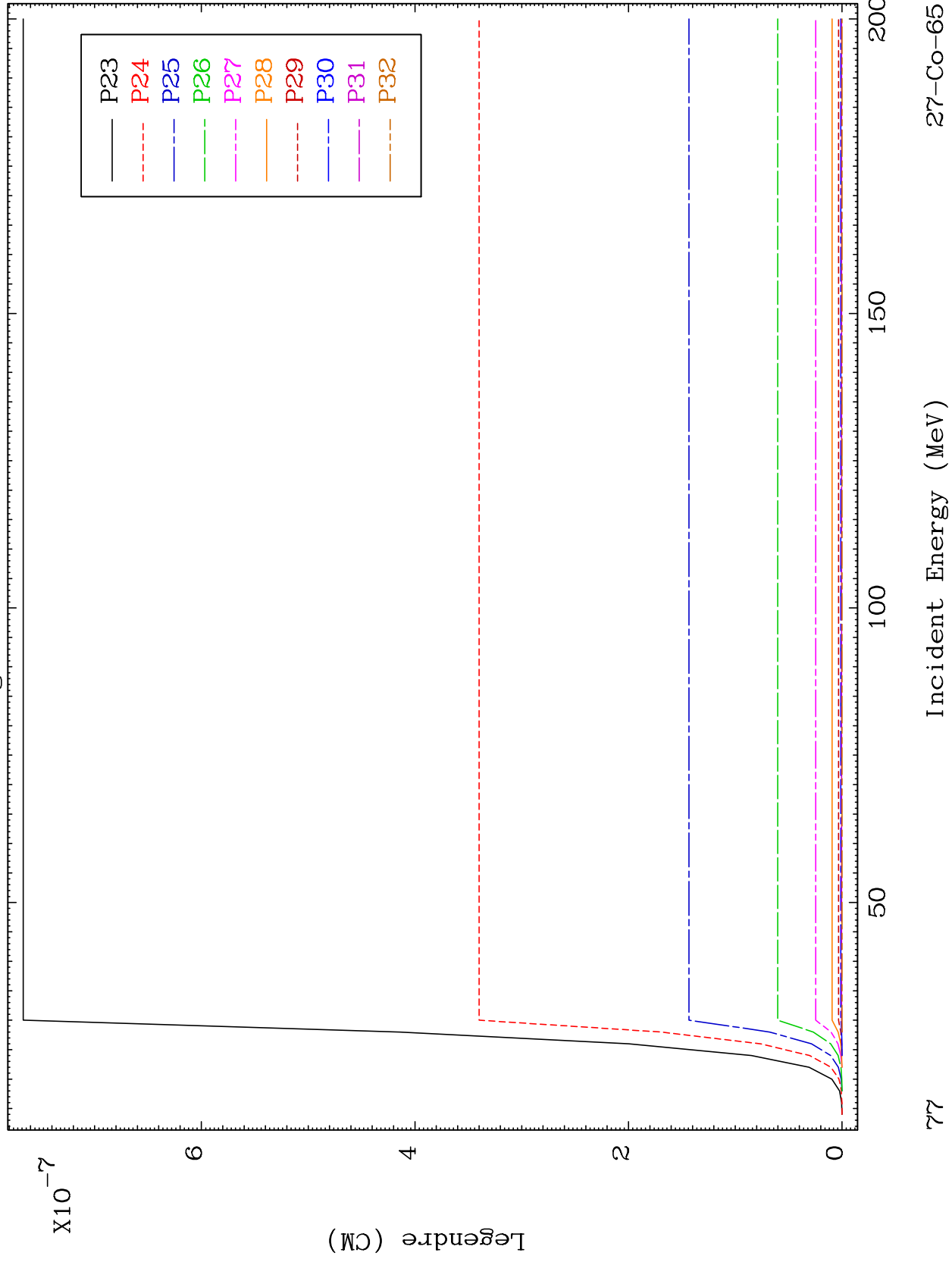
27-Co-65



MAT 2743

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

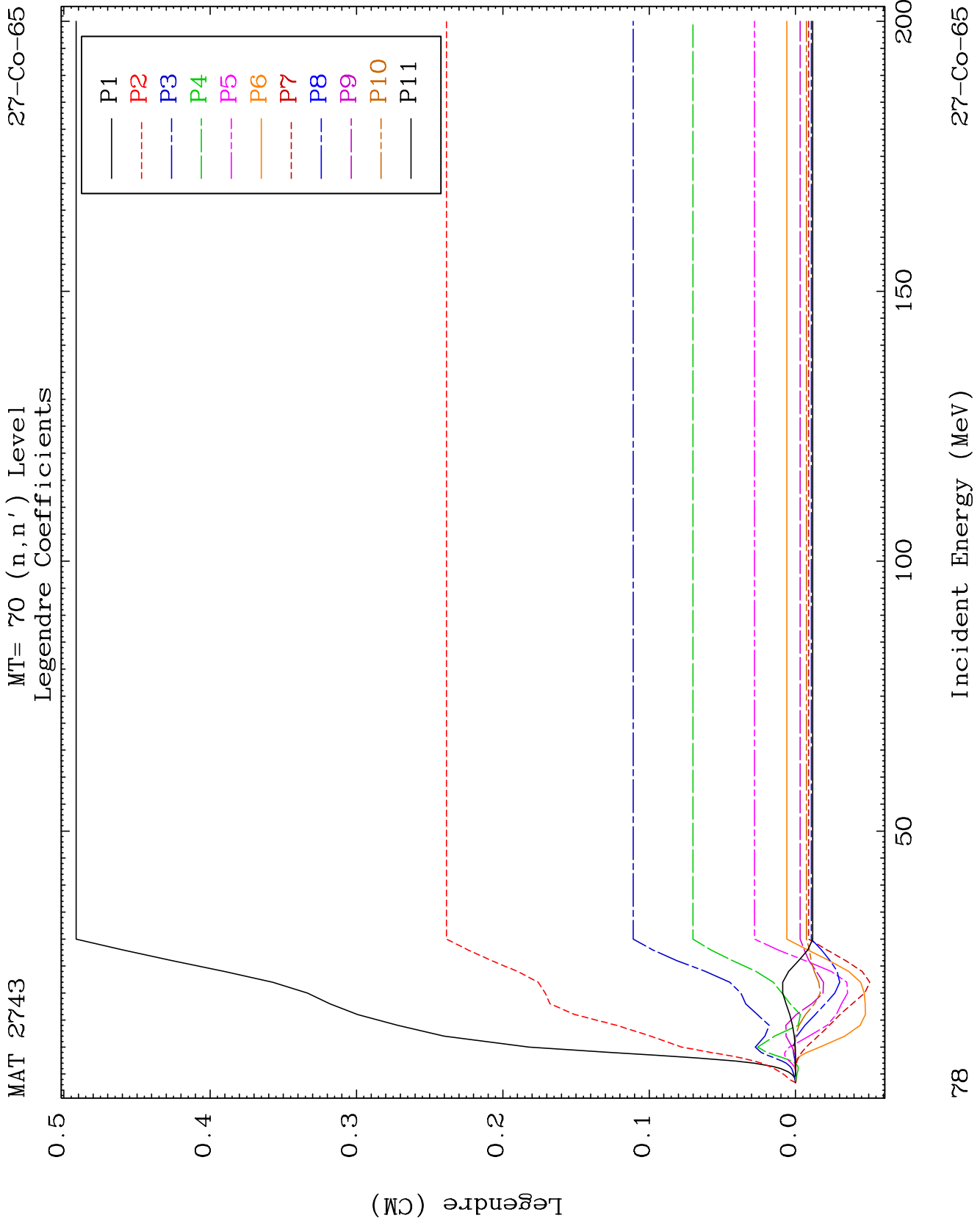
27-Co-65



77

Incident Energy (MeV)

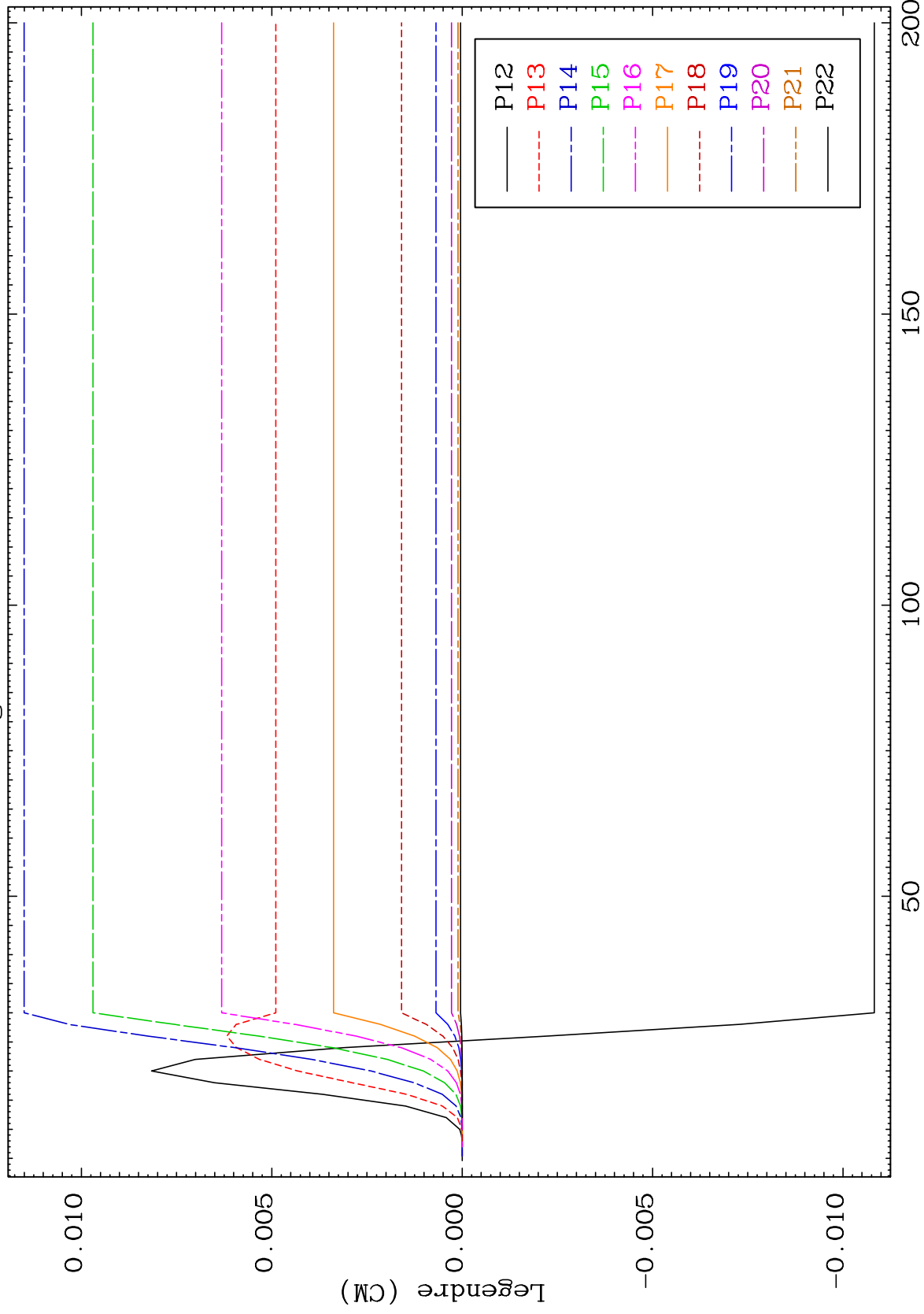
27-Co-65



MAT 2743

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

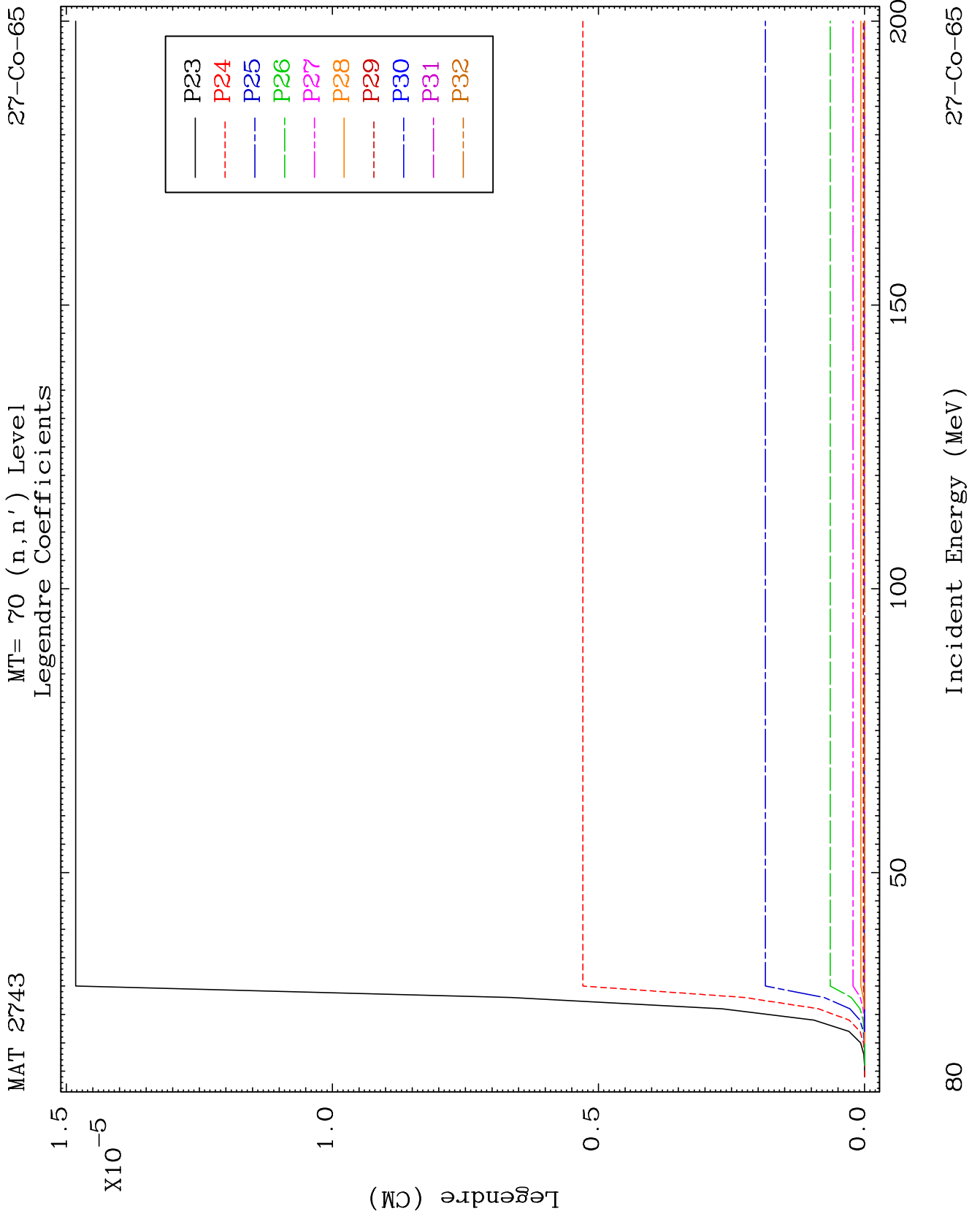
27-Co-65



79

Incident Energy (MeV)

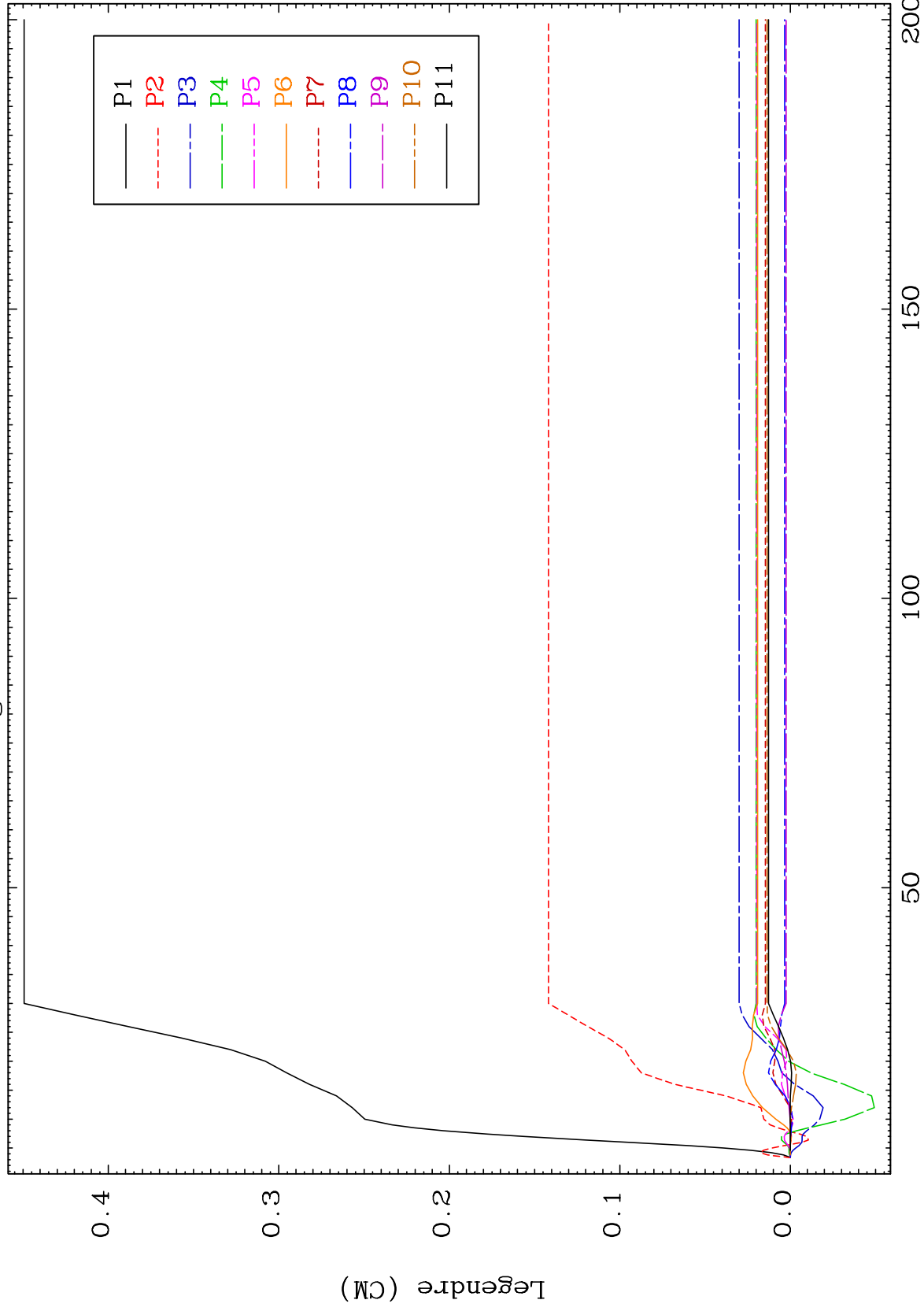
27-Co-65



MAT 2743

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

27-Co-65



81

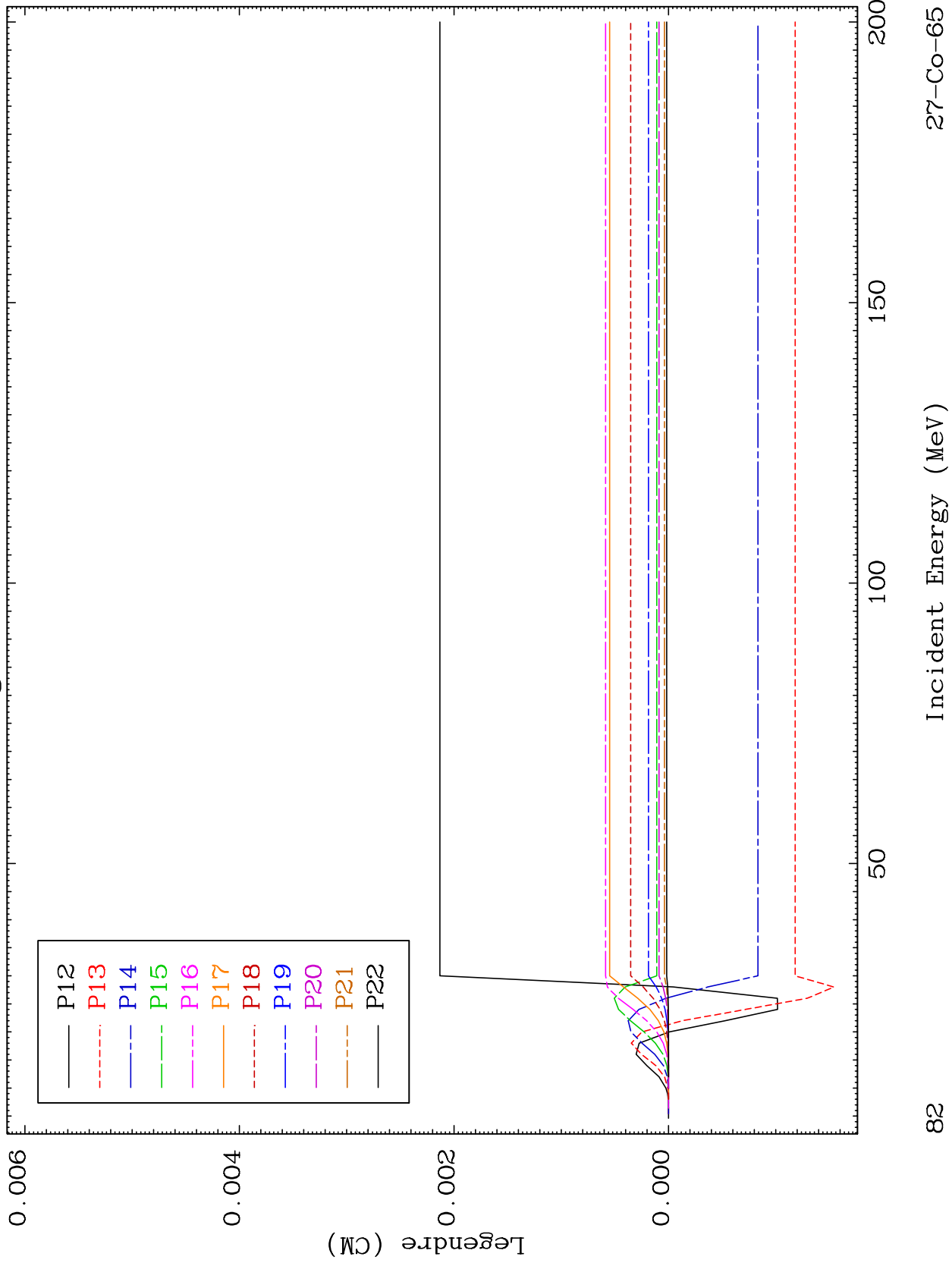
Incident Energy (MeV)

27-Co-65

MAT 2743

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

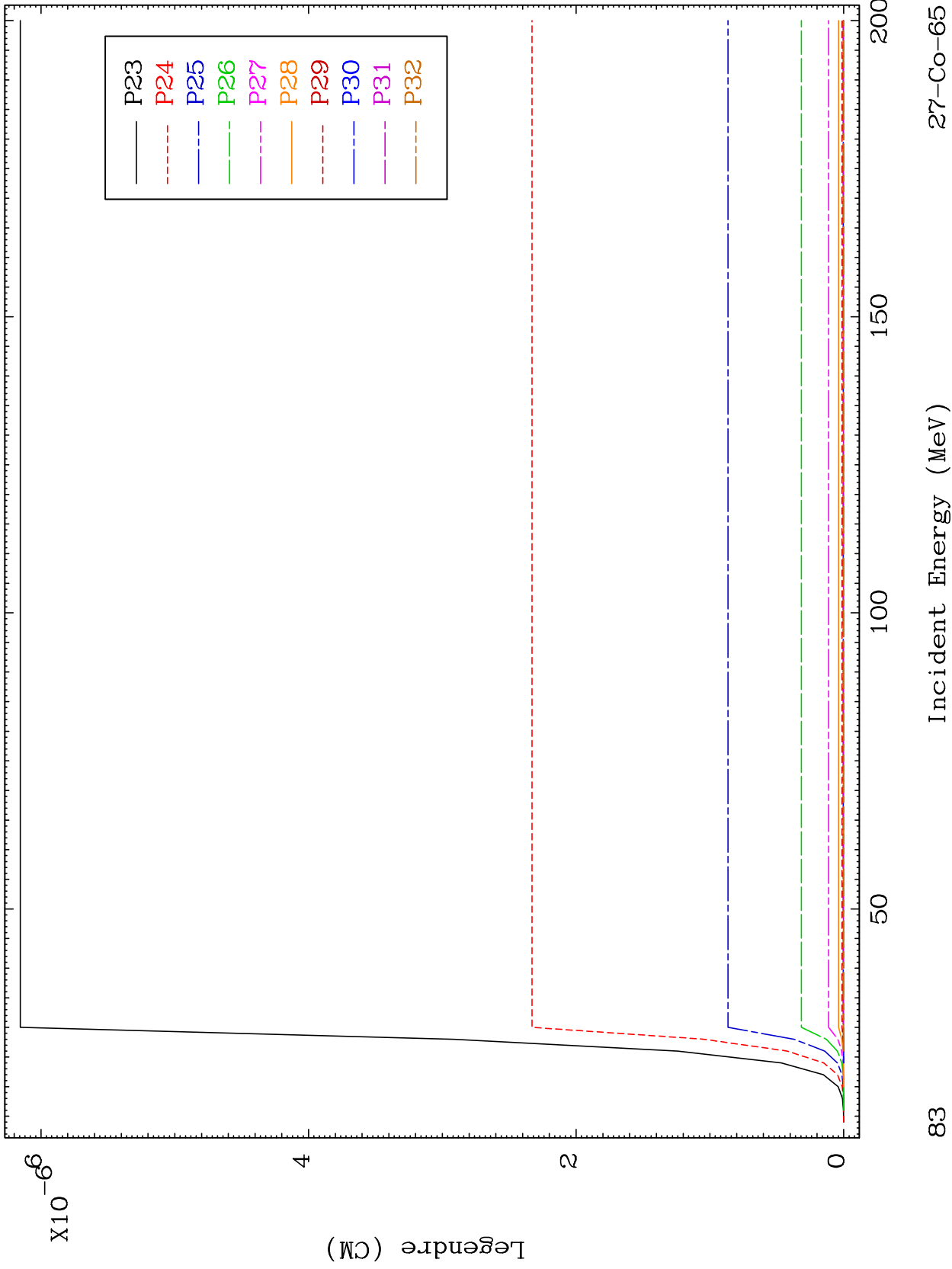
27-Co-65



MAT 2743

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

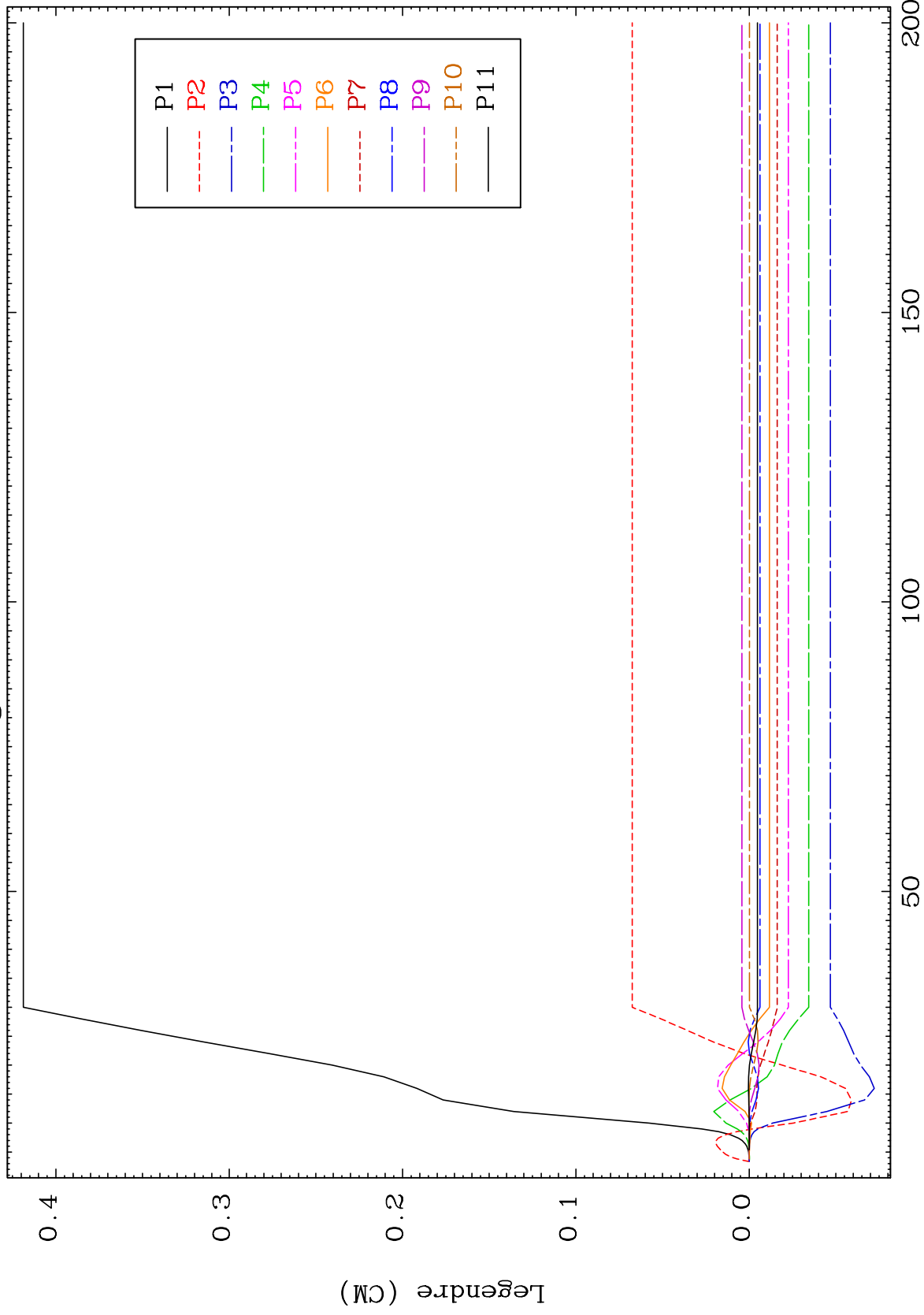
27-Co-65



MAT 2743

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

27-Co-65



84

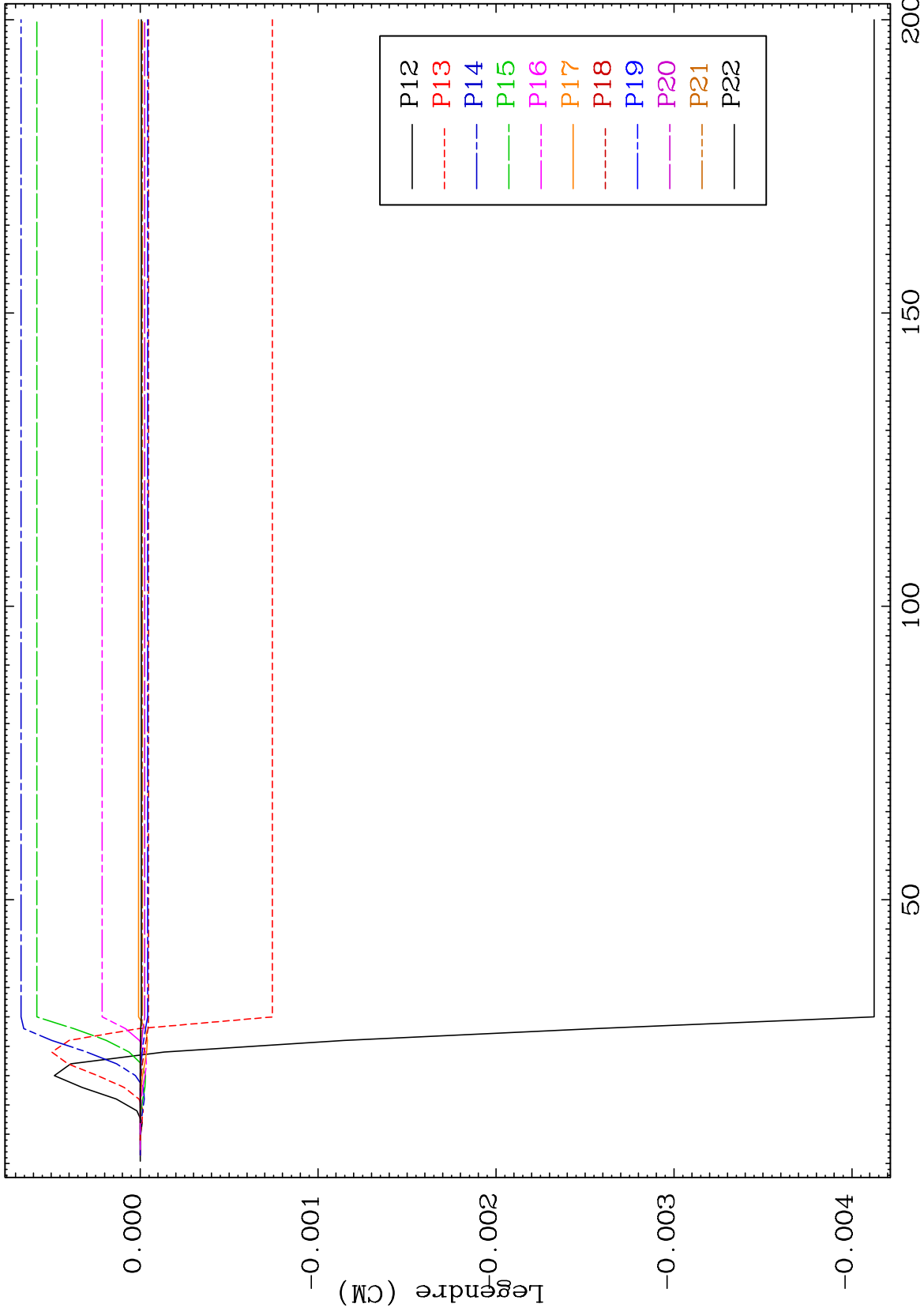
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



85

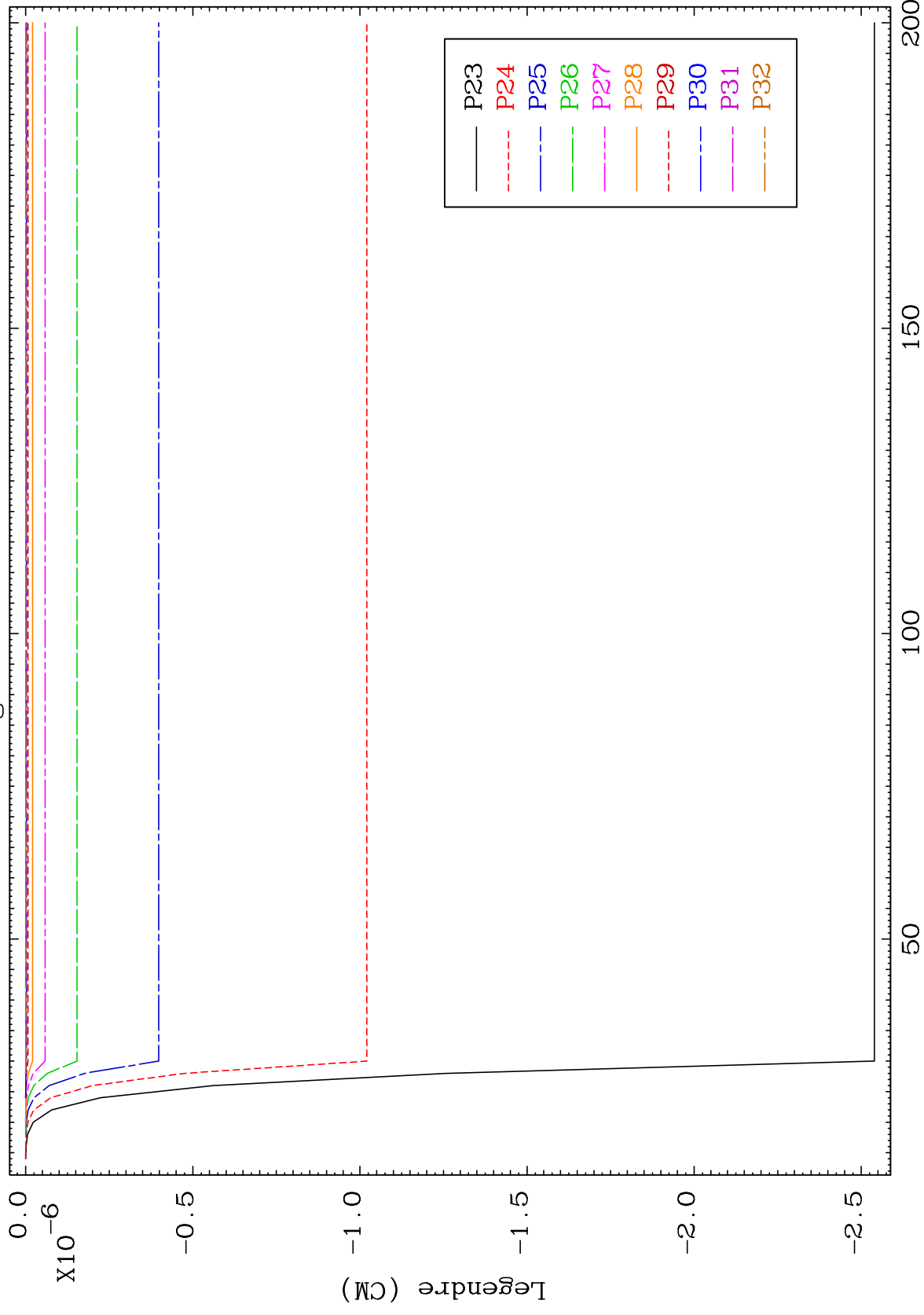
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



86

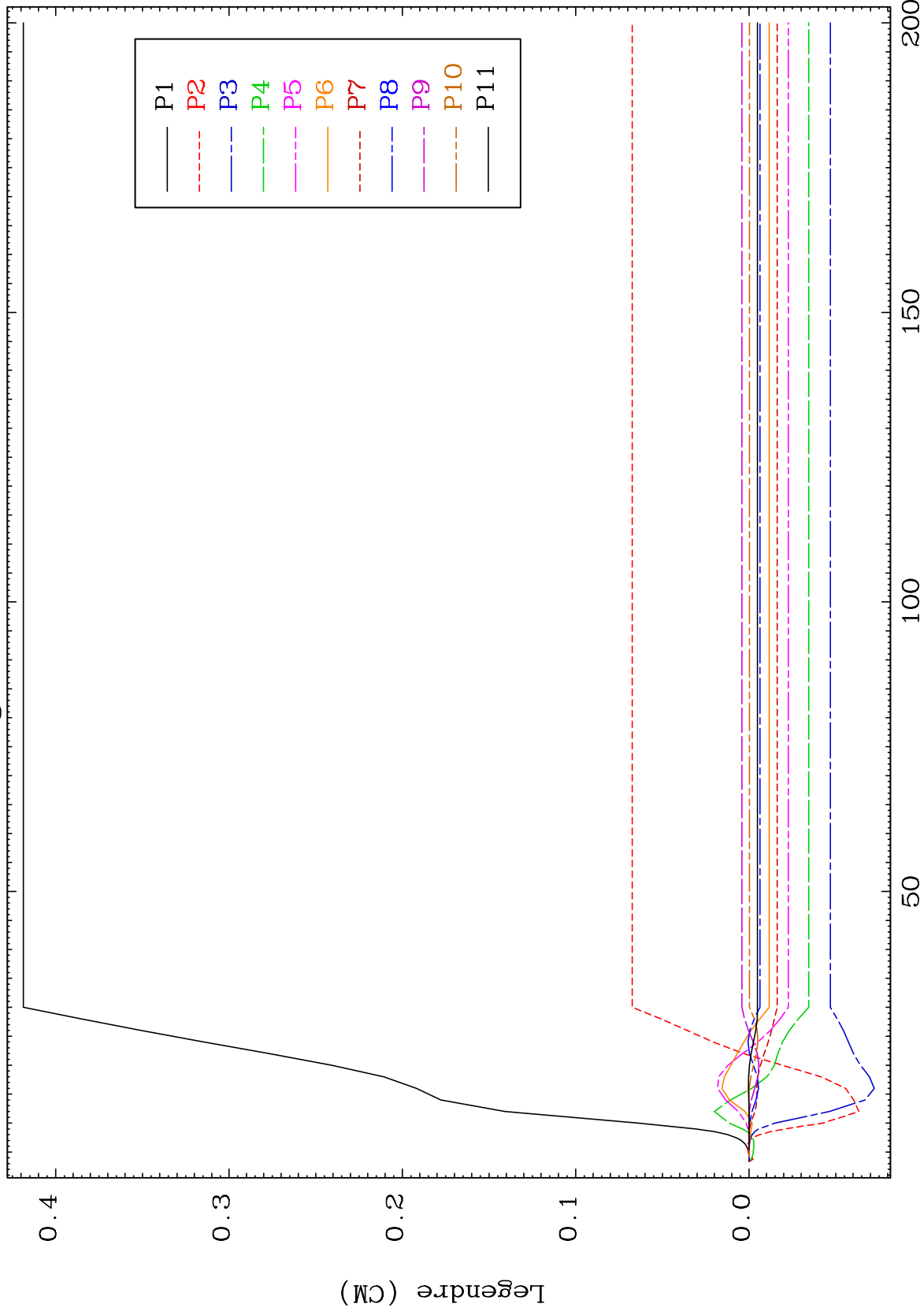
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



87

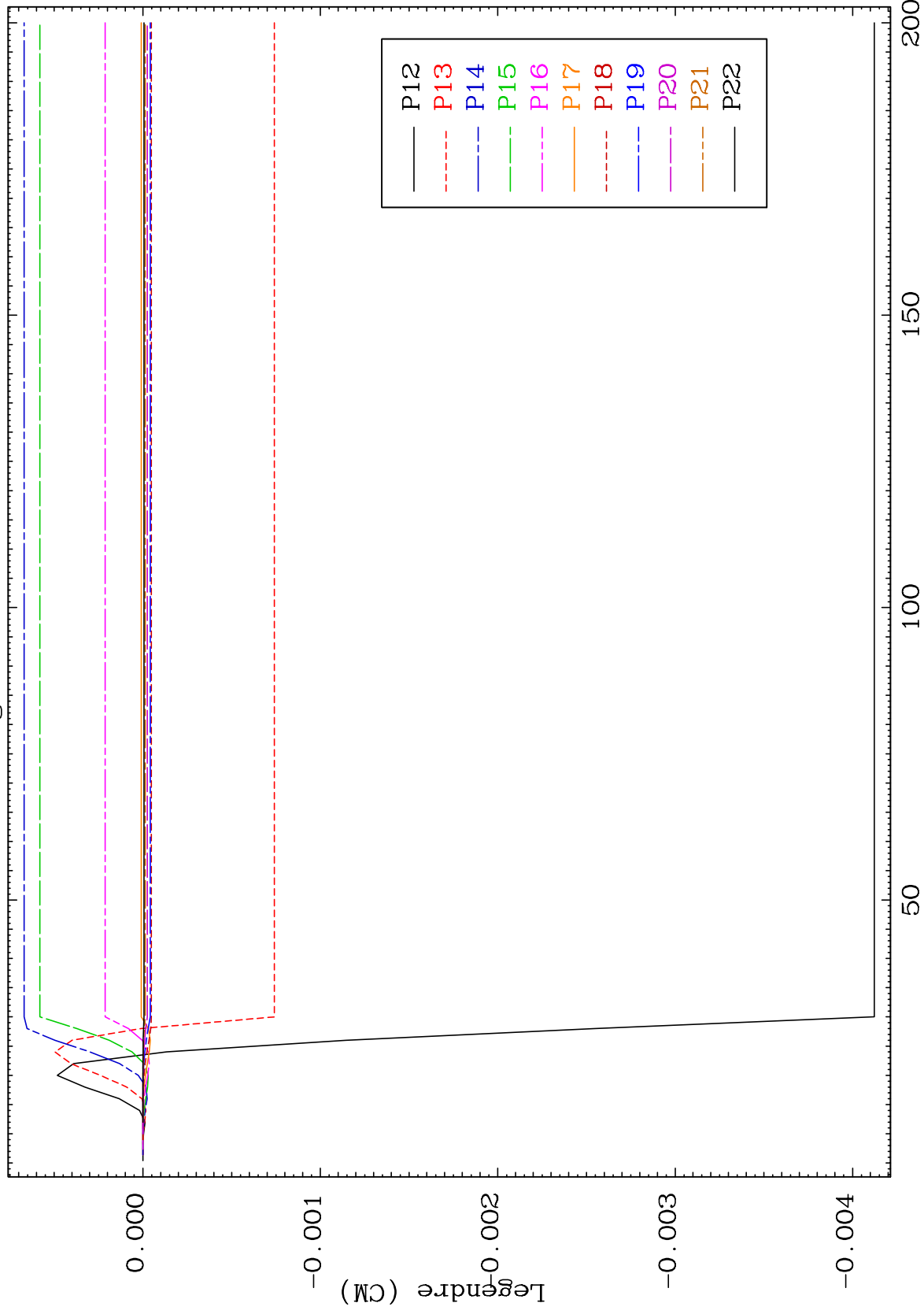
Incident Energy (MeV)

27-Co-65

MAT 2743

27-Co-65

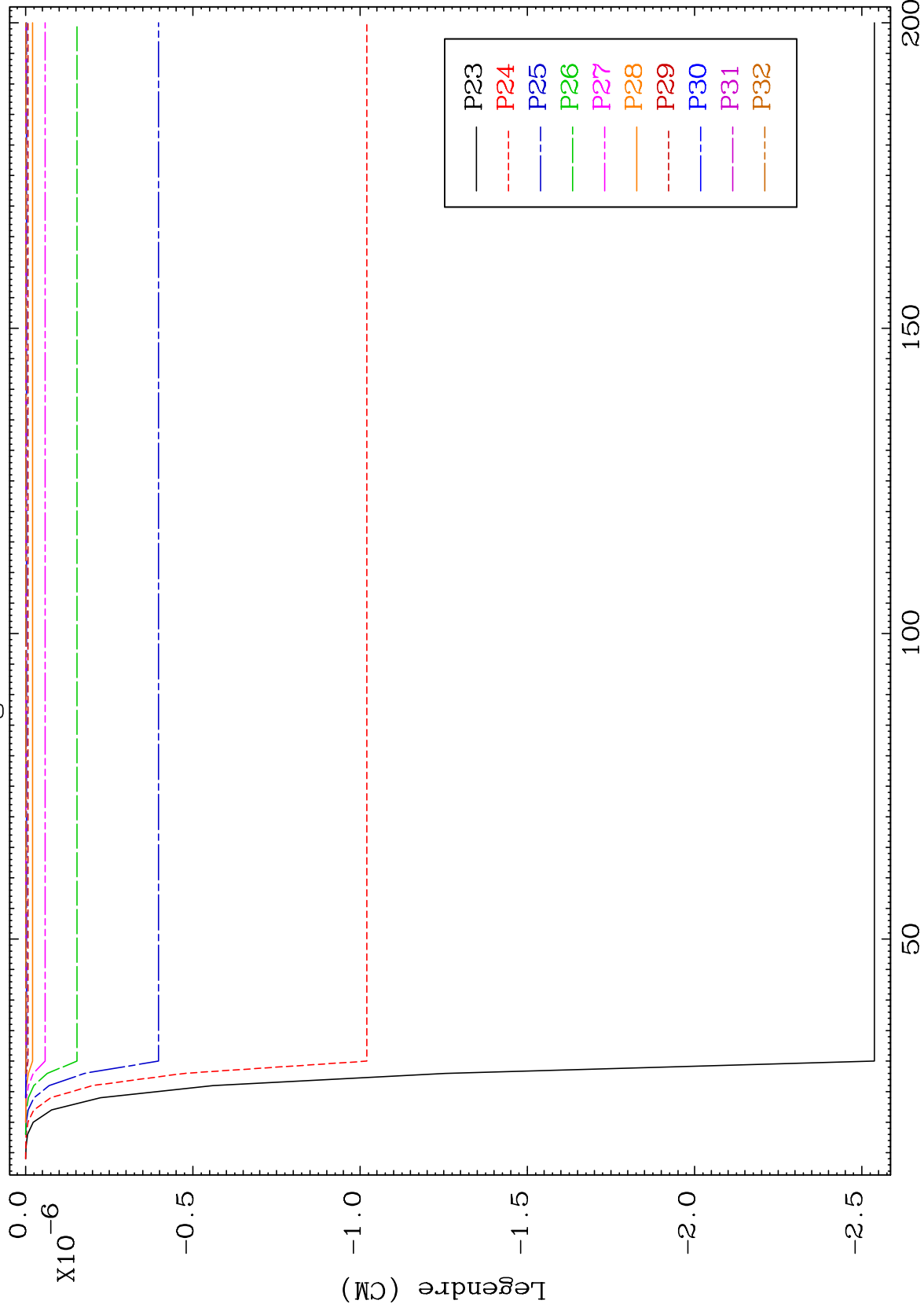
MT= 73 (n,n') Level  
Legendre Coefficients



MAT 2743

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

27-Co-65



89

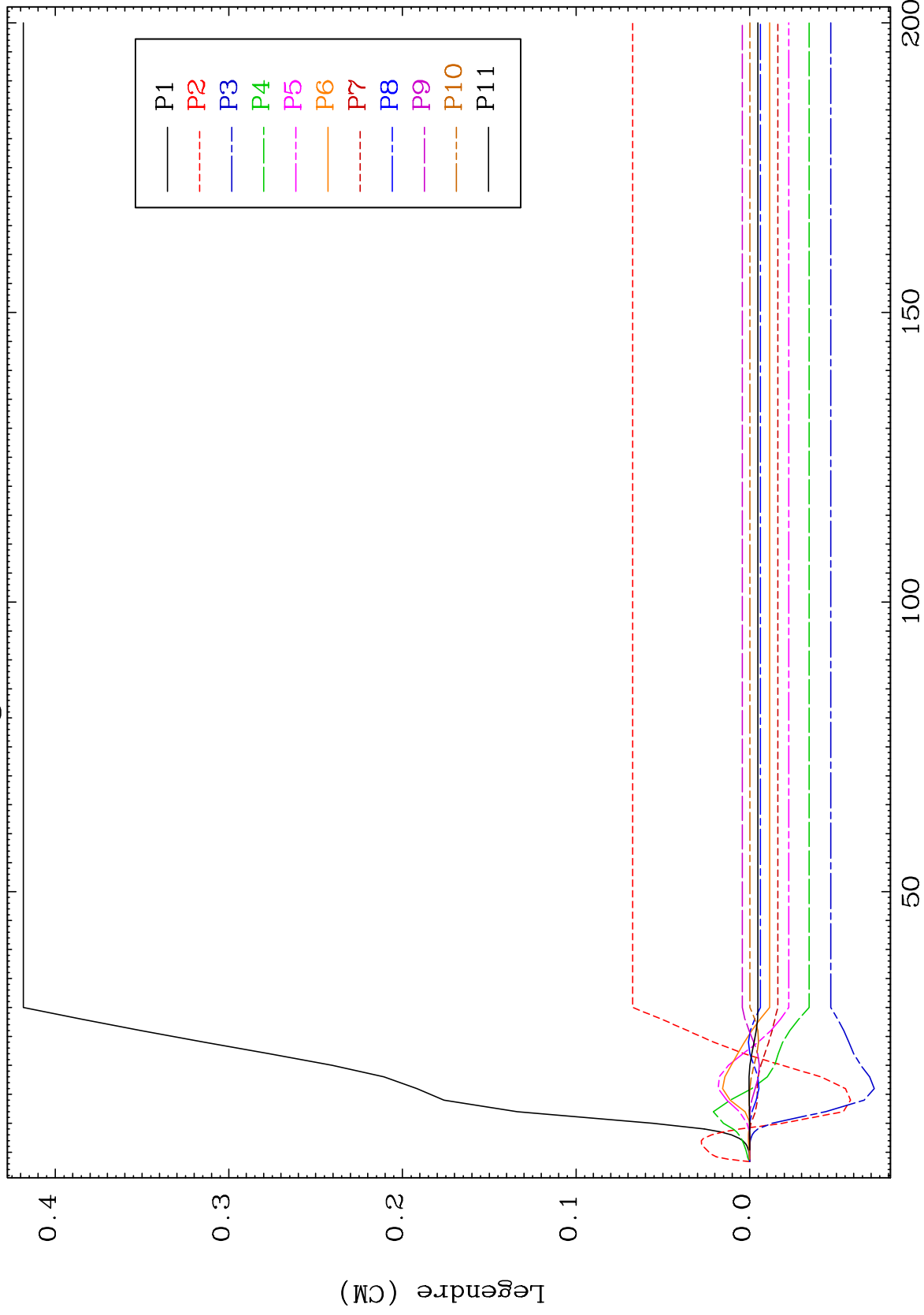
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



90

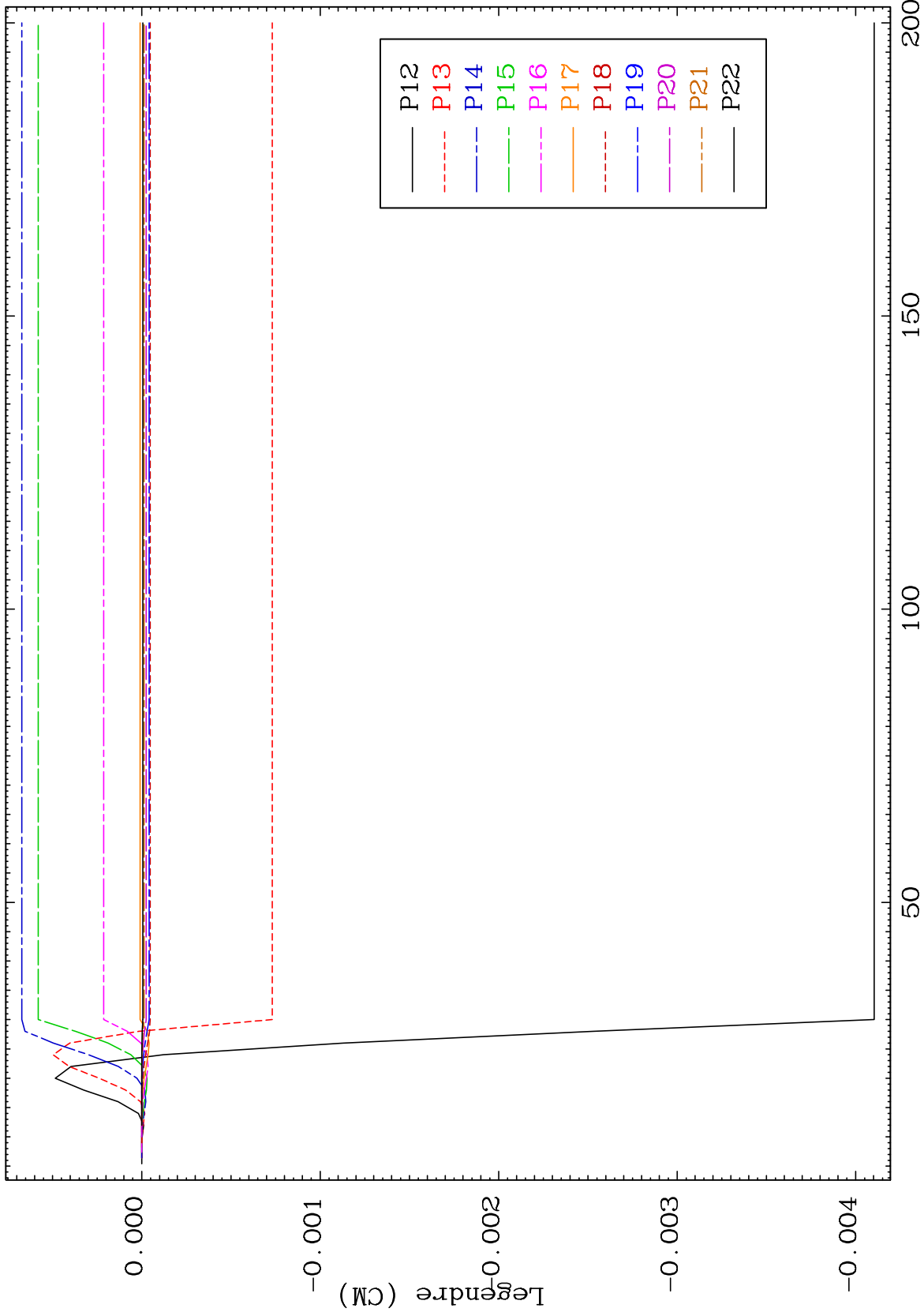
Incident Energy (MeV)

27-Co-65

MAT 2743

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

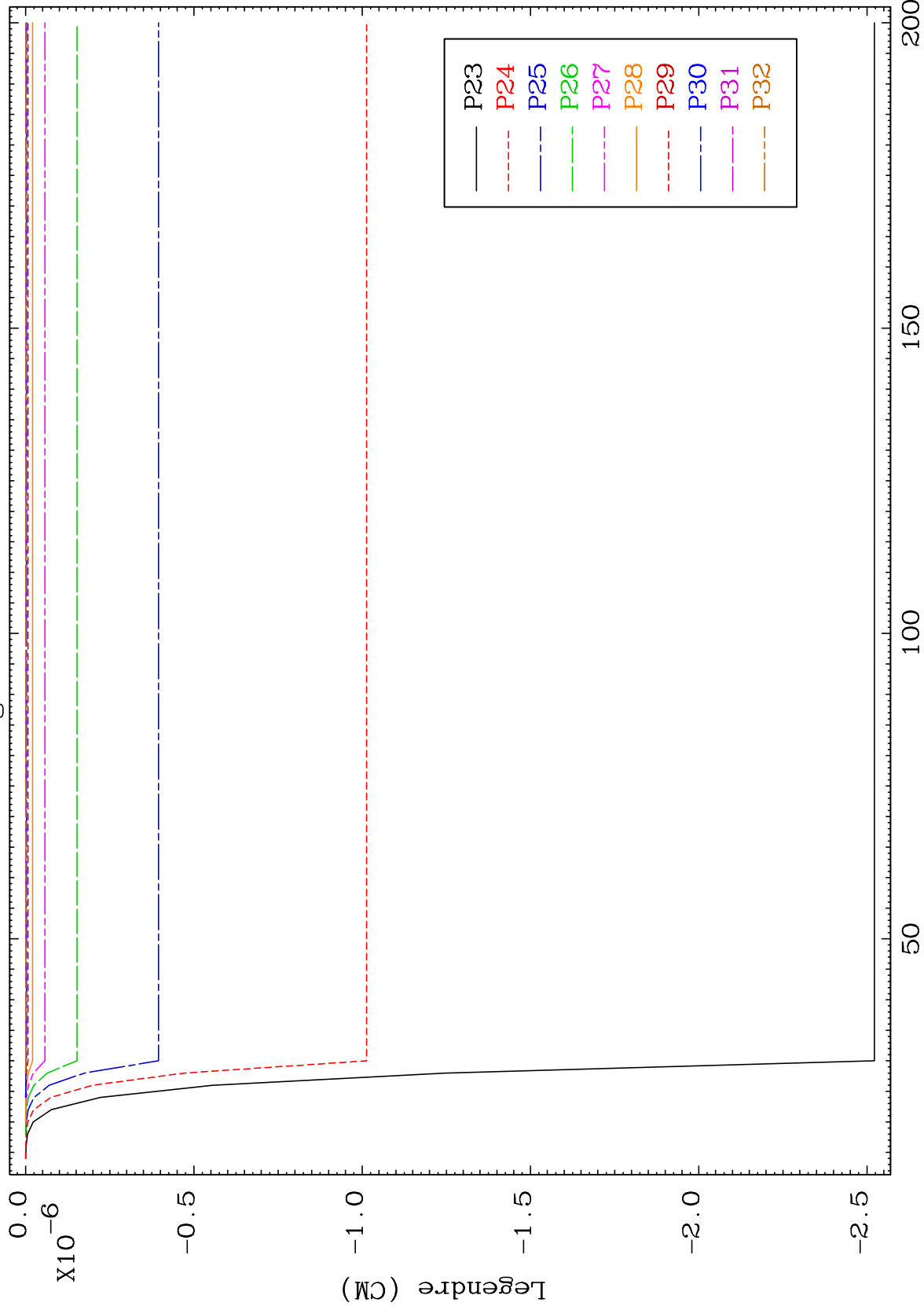
27-Co-65



MAT 2743

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

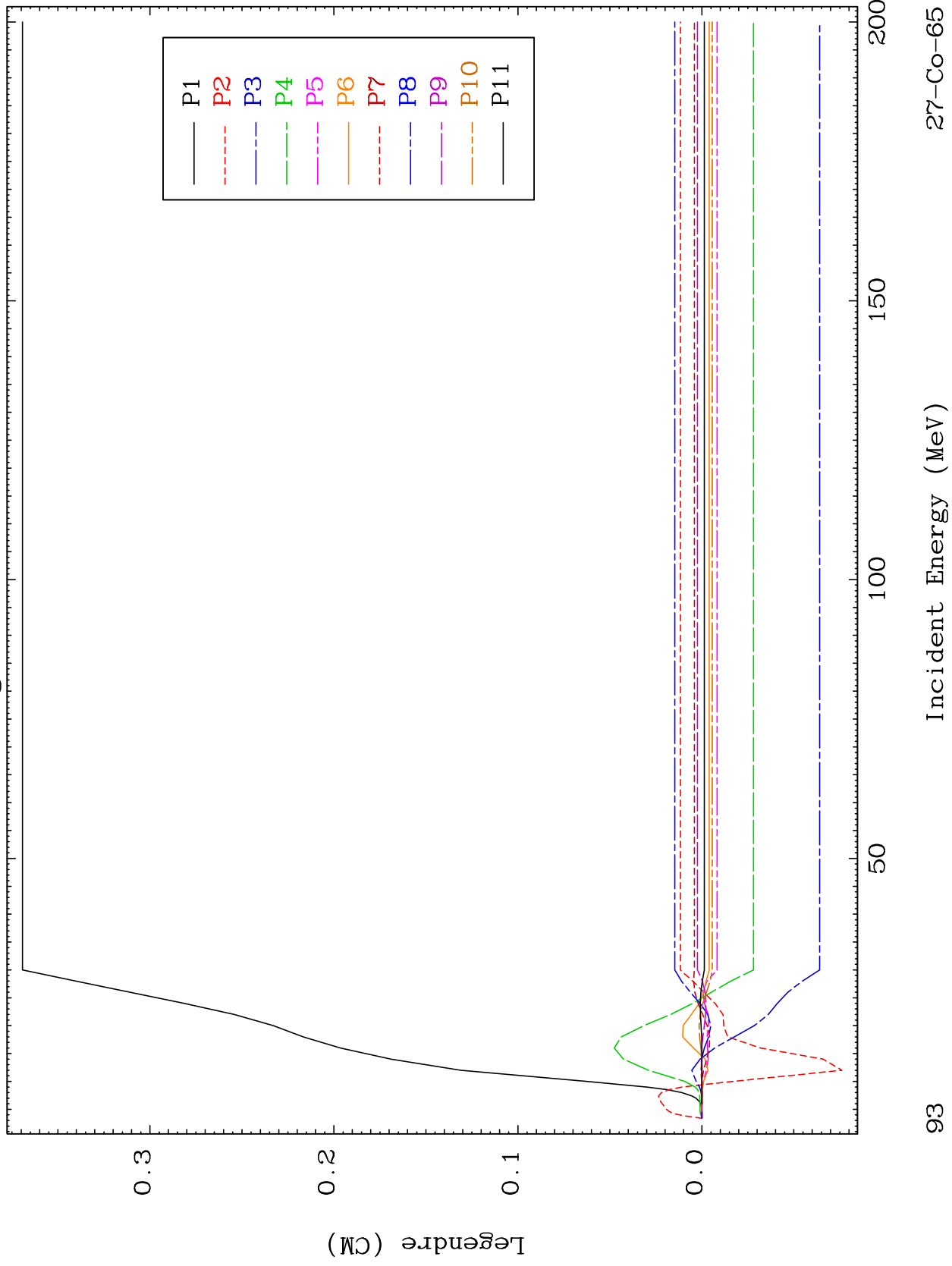
27-Co-65



MAT 2743

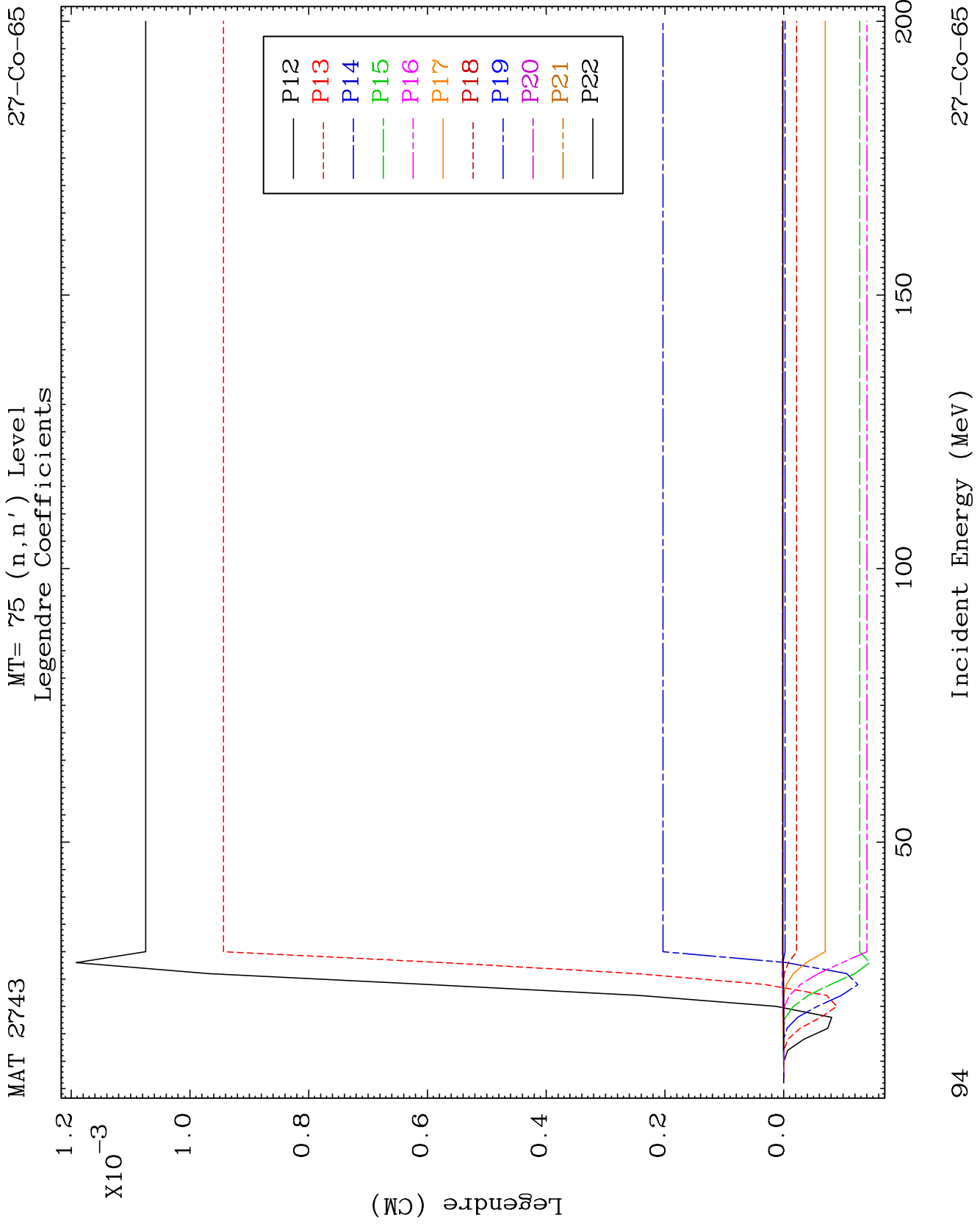
MT= 75 (n,n') Level  
Legendre Coefficients

27-Co-65



93

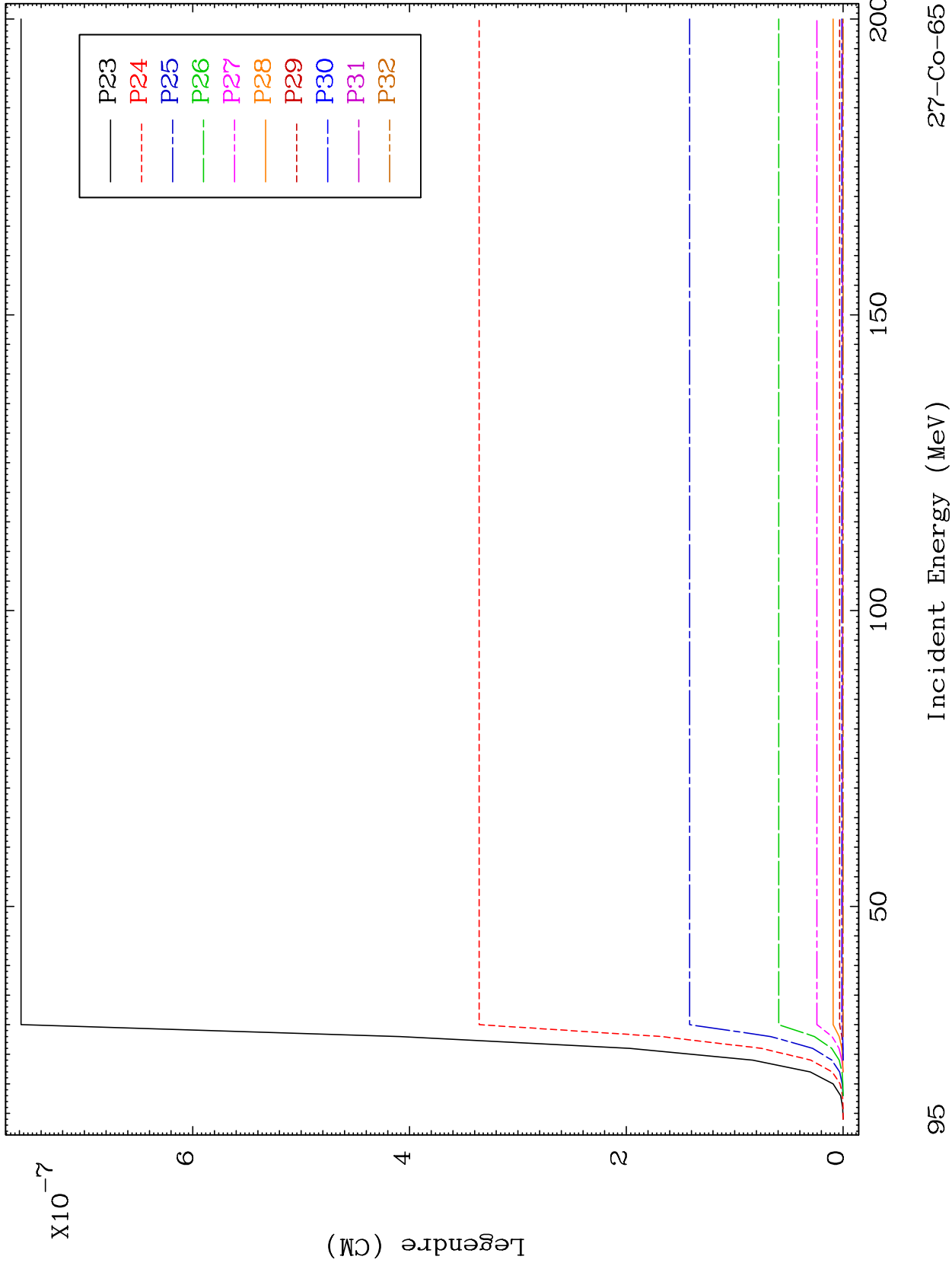
27-Co-65



MAT 2743

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

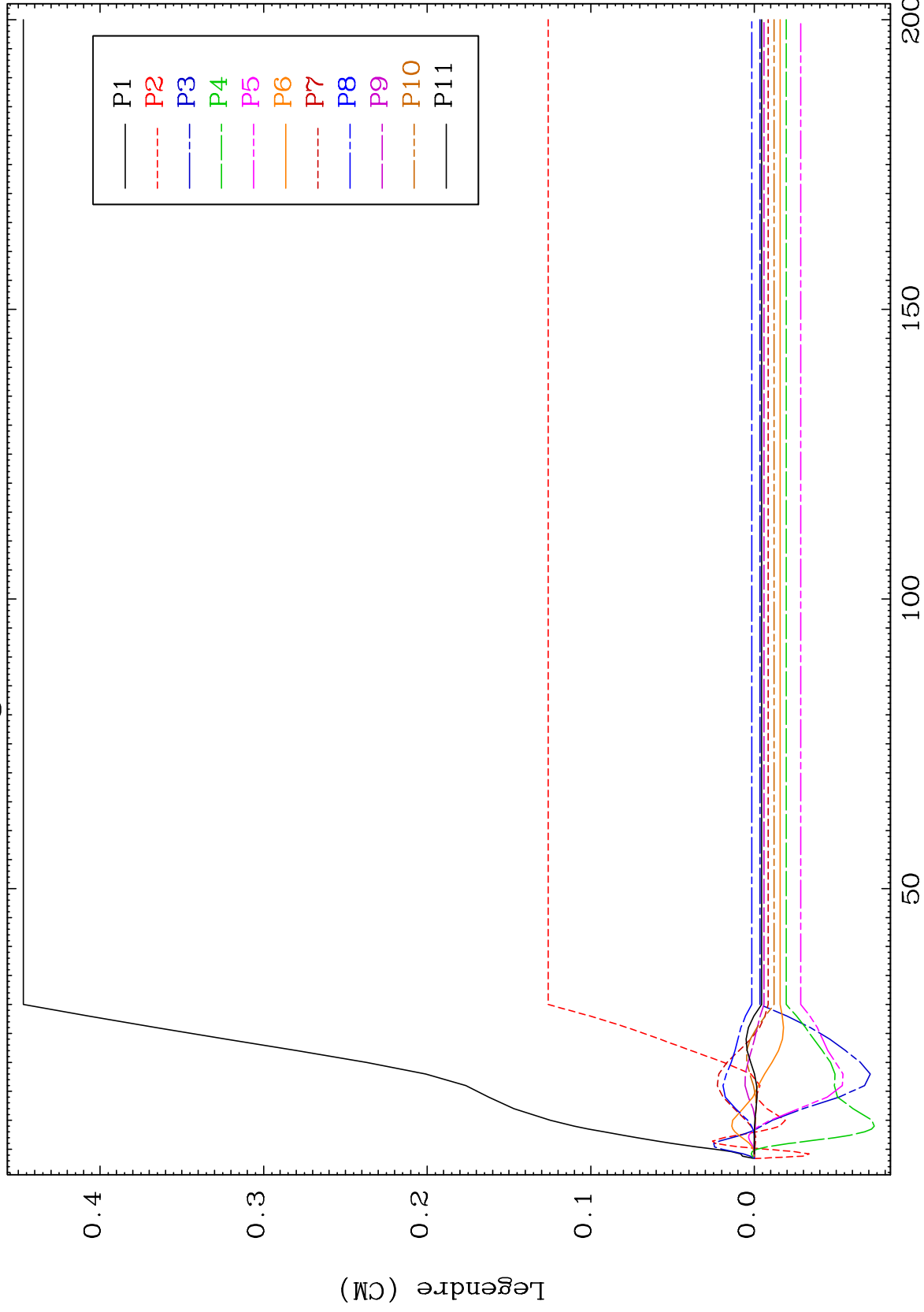
27-Co-65



MAT 2743

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

27-Co-65



96

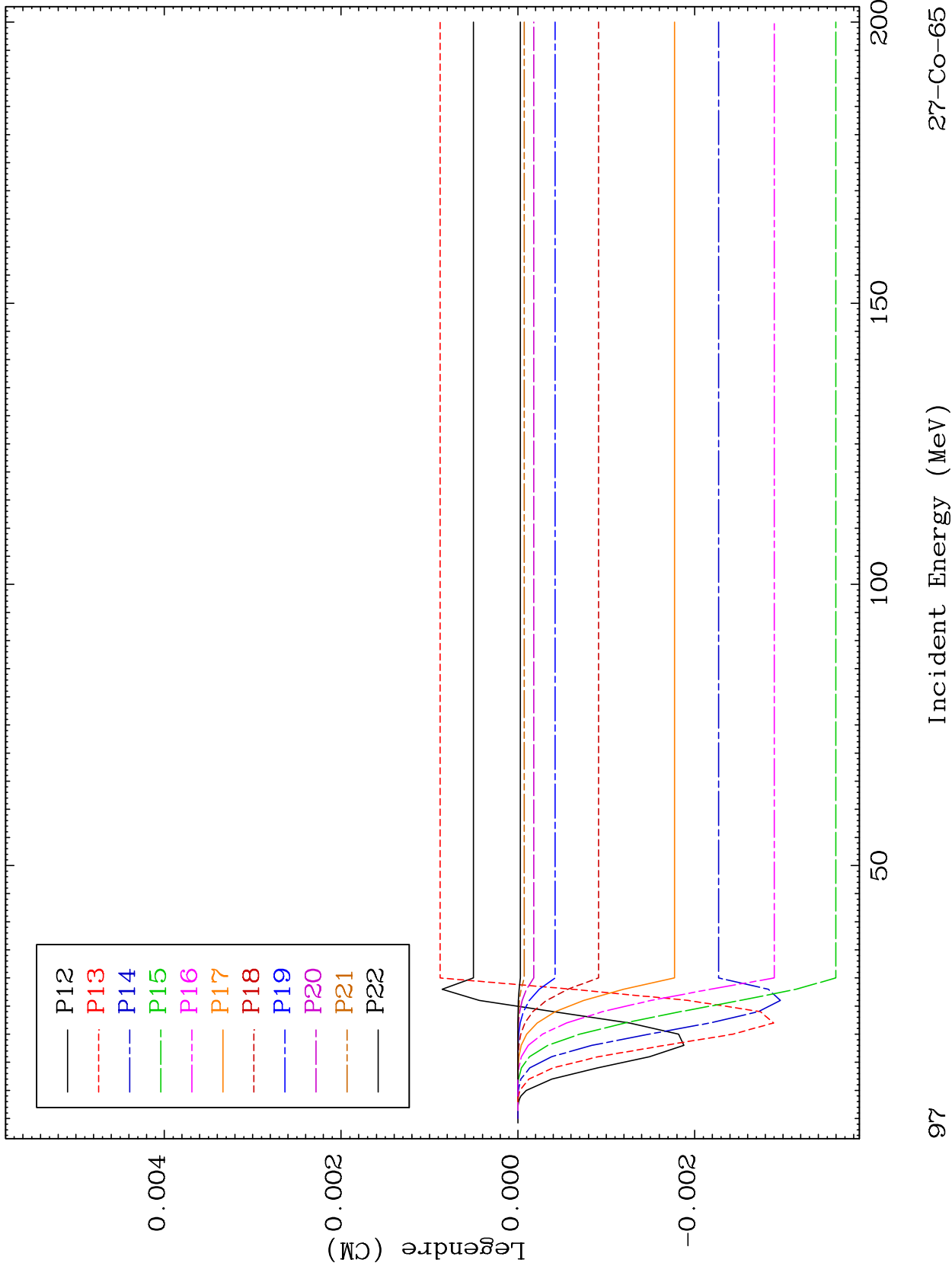
Incident Energy (MeV)

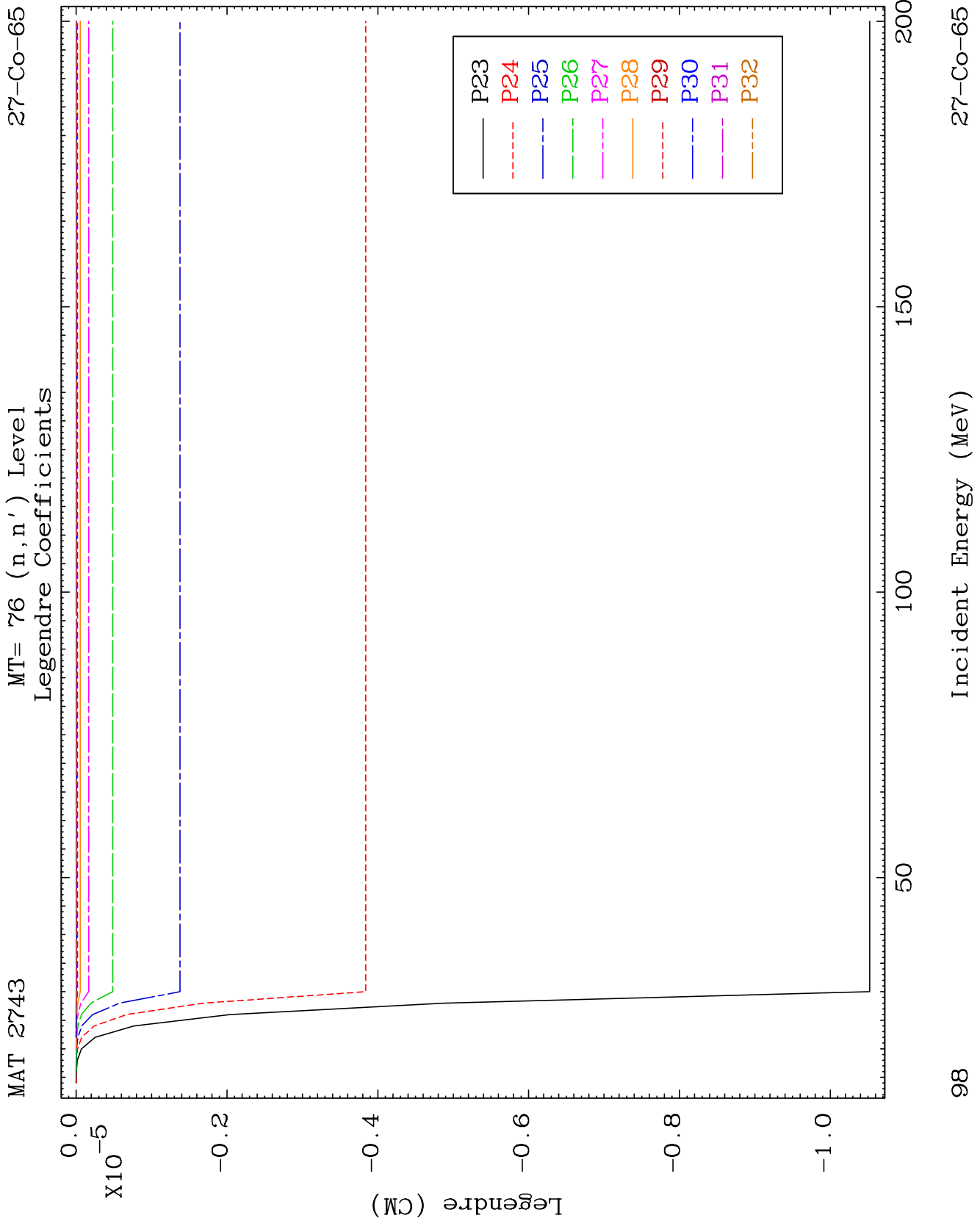
27-Co-65

MAT 2743

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

27-Co-65

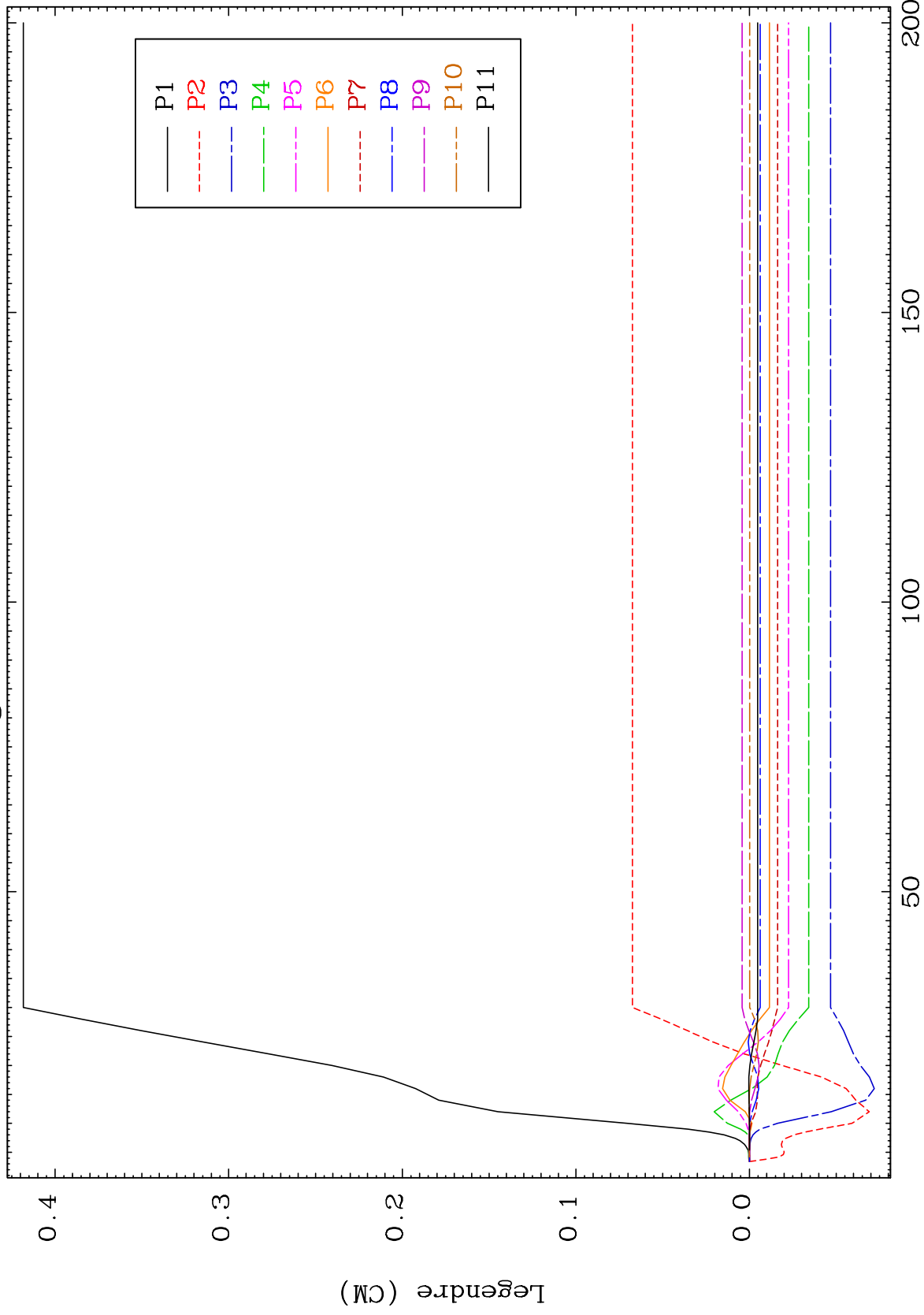




MAT 2743

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

27-Co-65



99

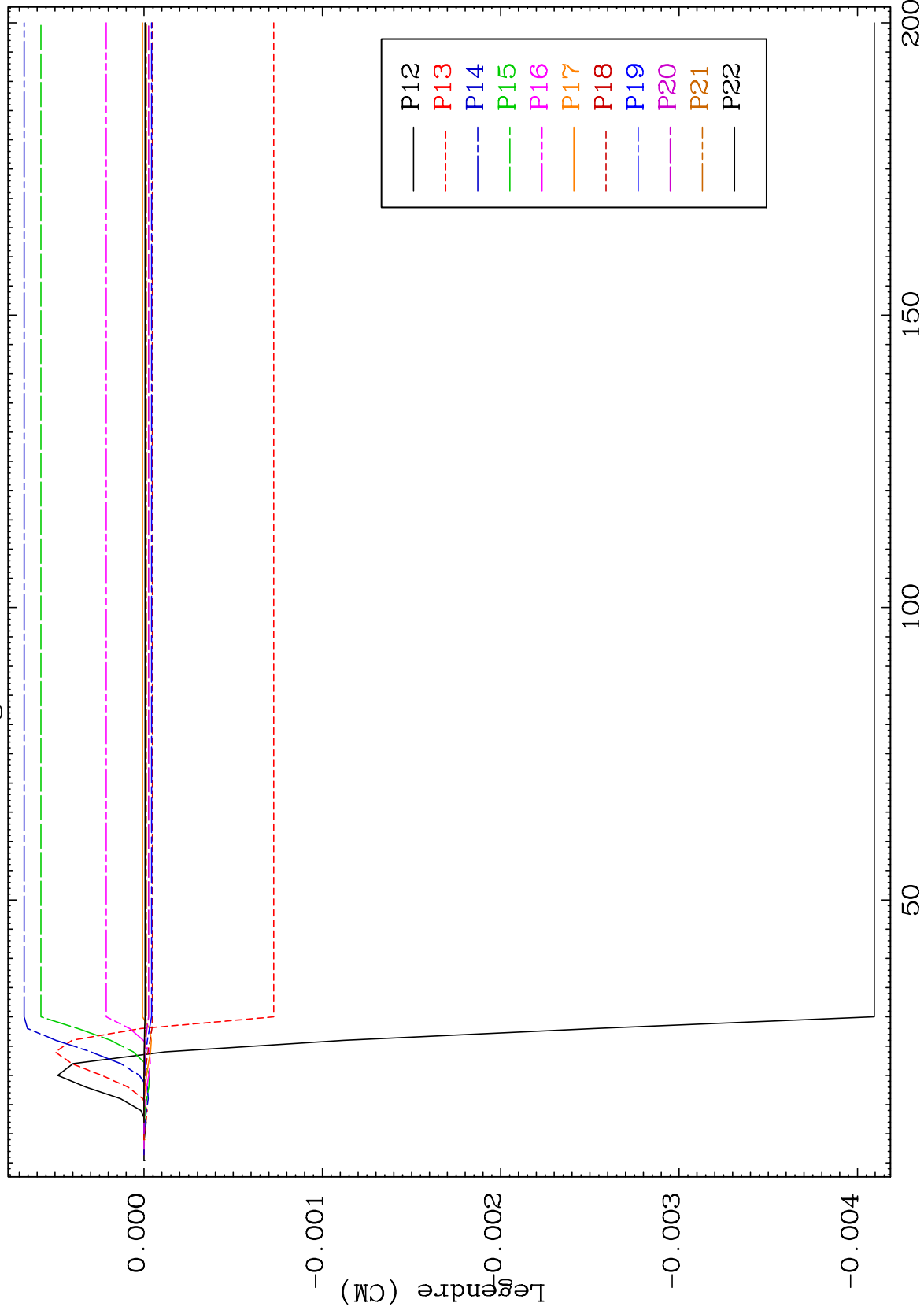
Incident Energy (MeV)

27-Co-65

MAT 2743

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

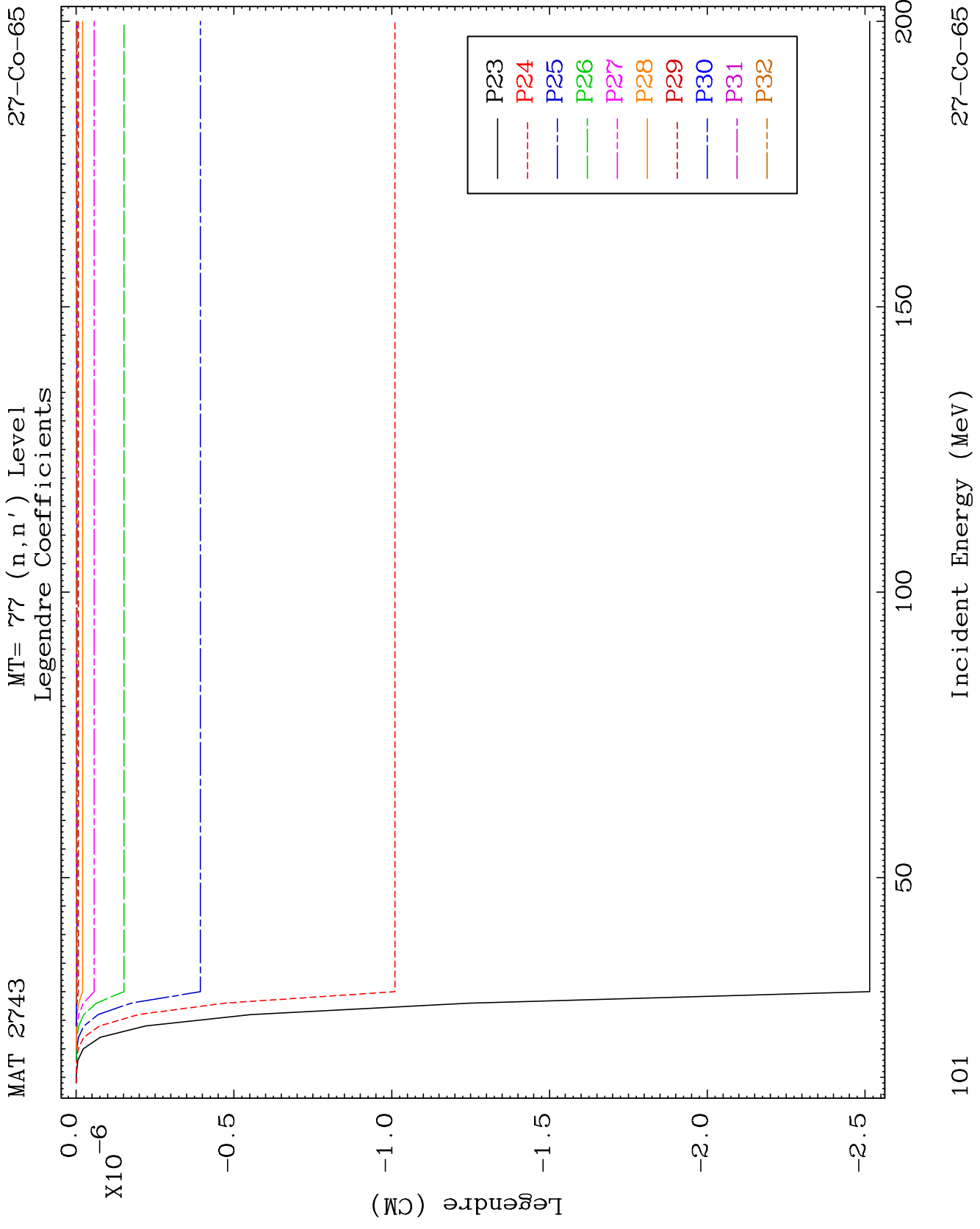
27-Co-65



100

Incident Energy (MeV)

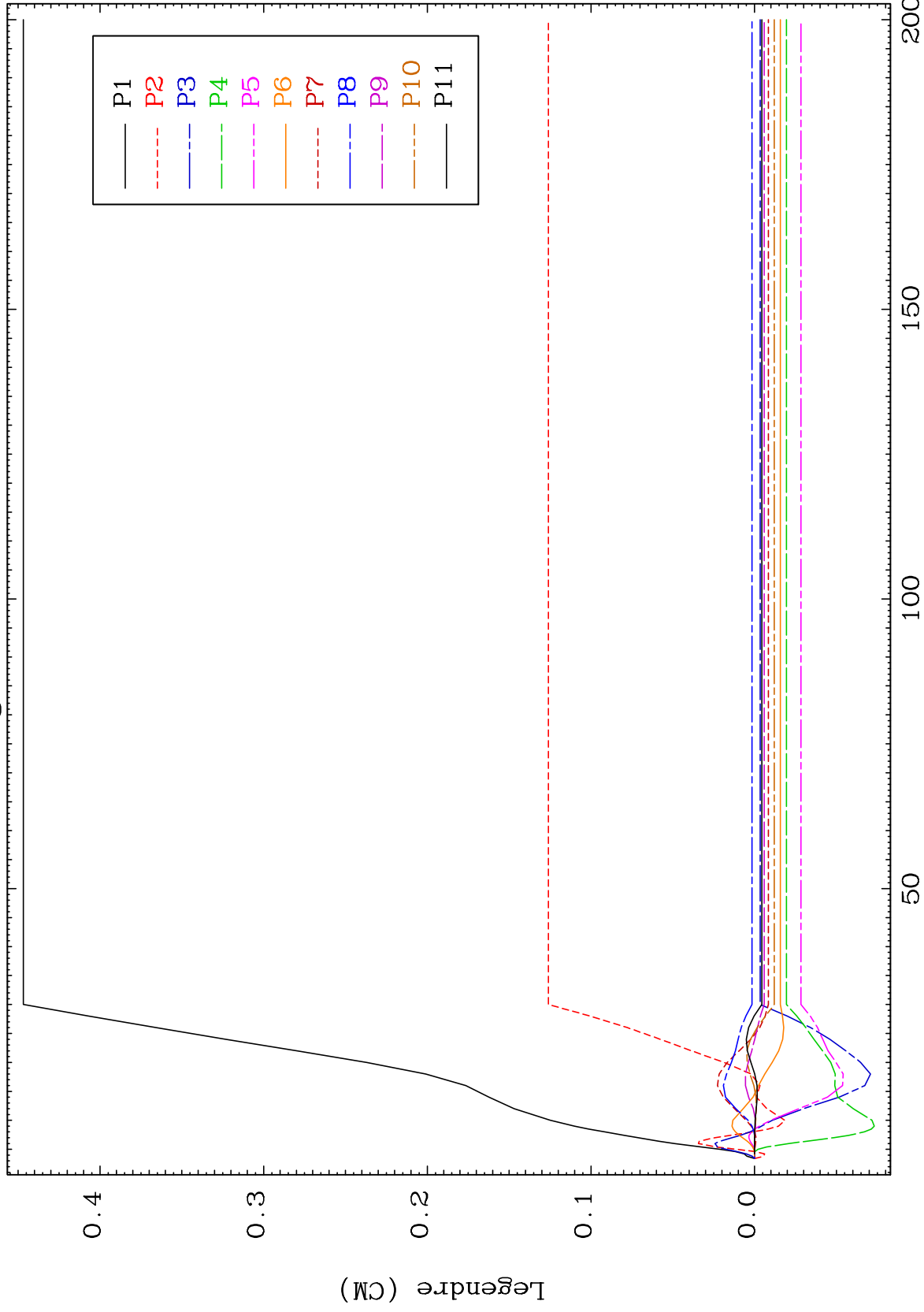
27-Co-65



MAT 2743

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

27-Co-65



102

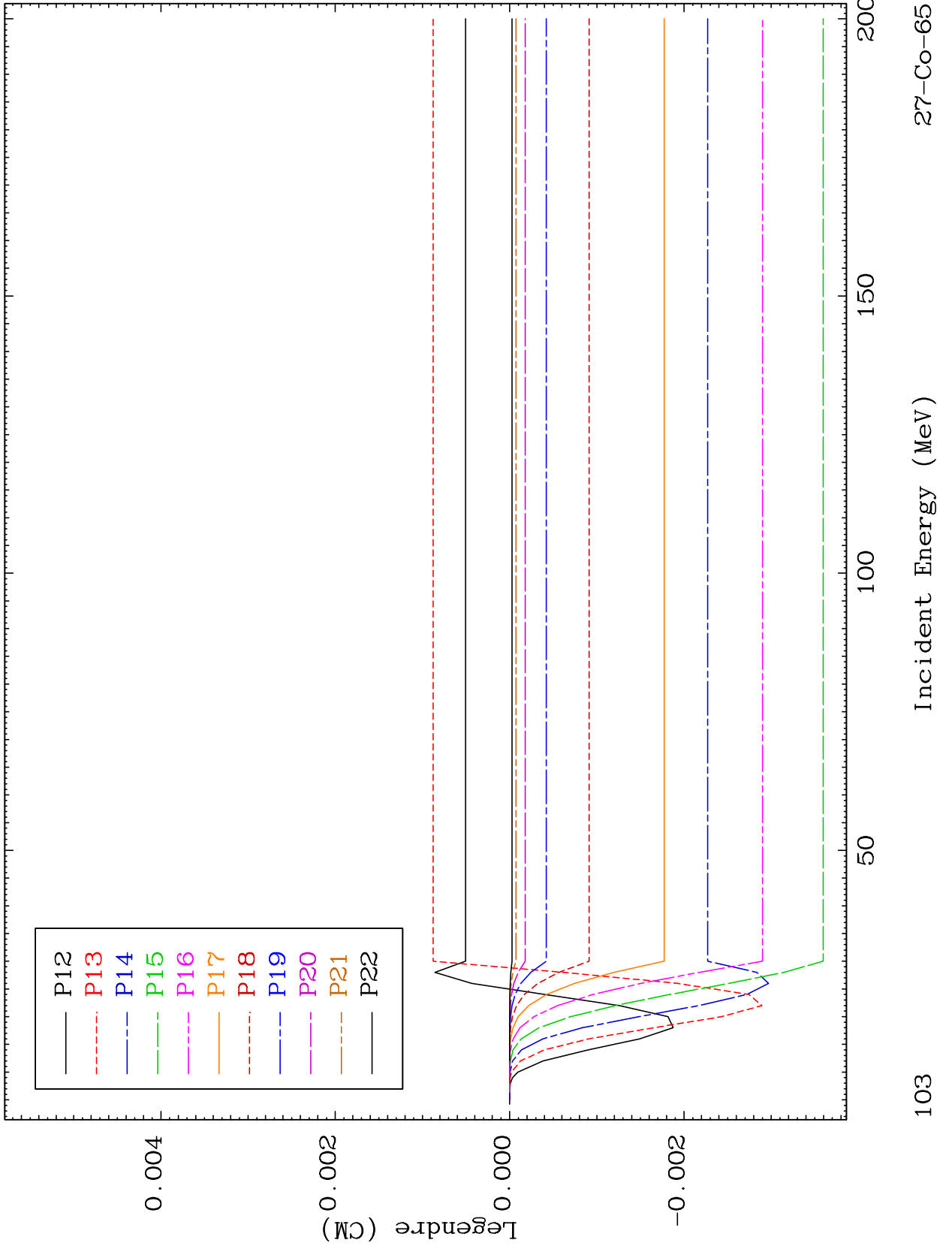
Incident Energy (MeV)

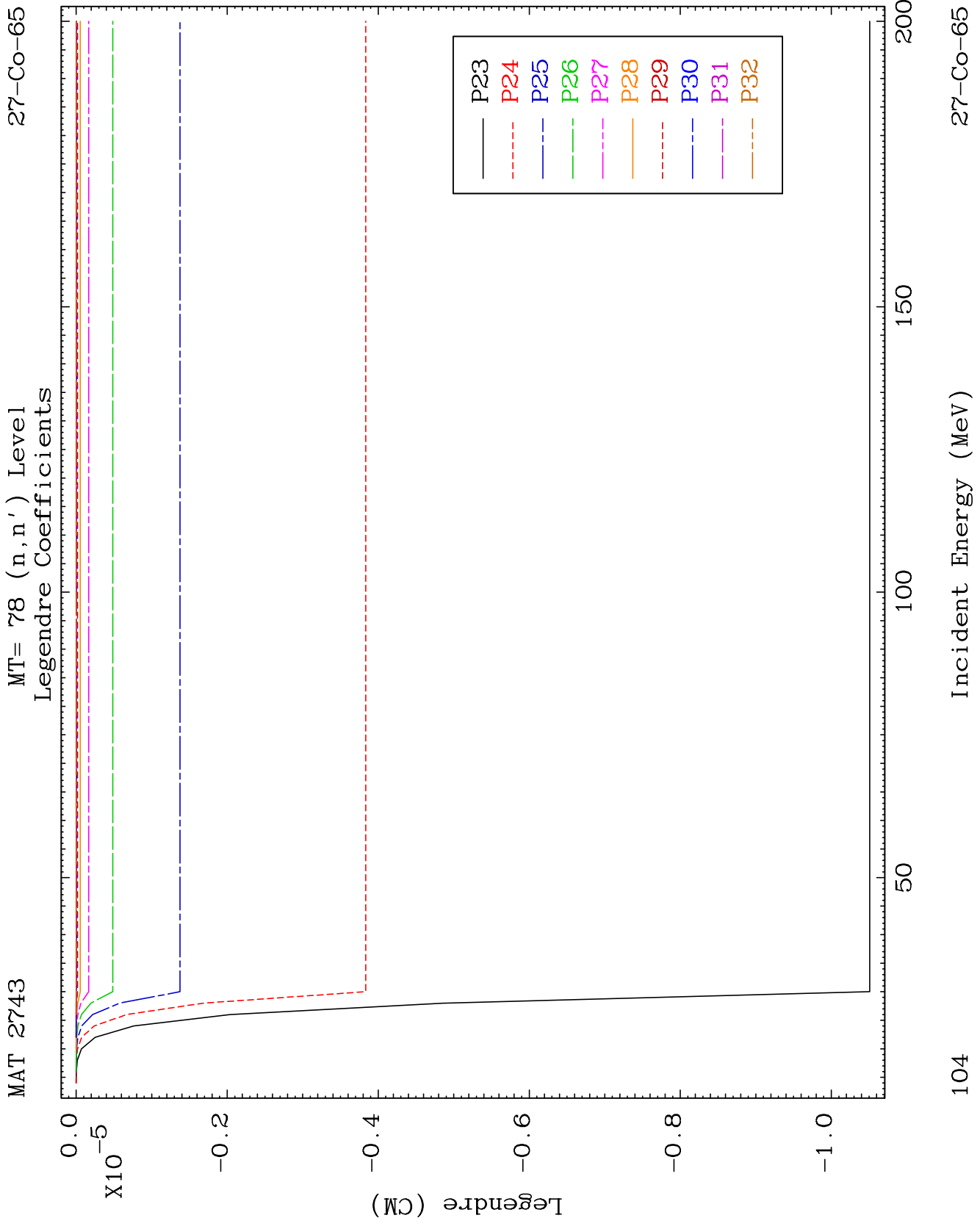
27-Co-65

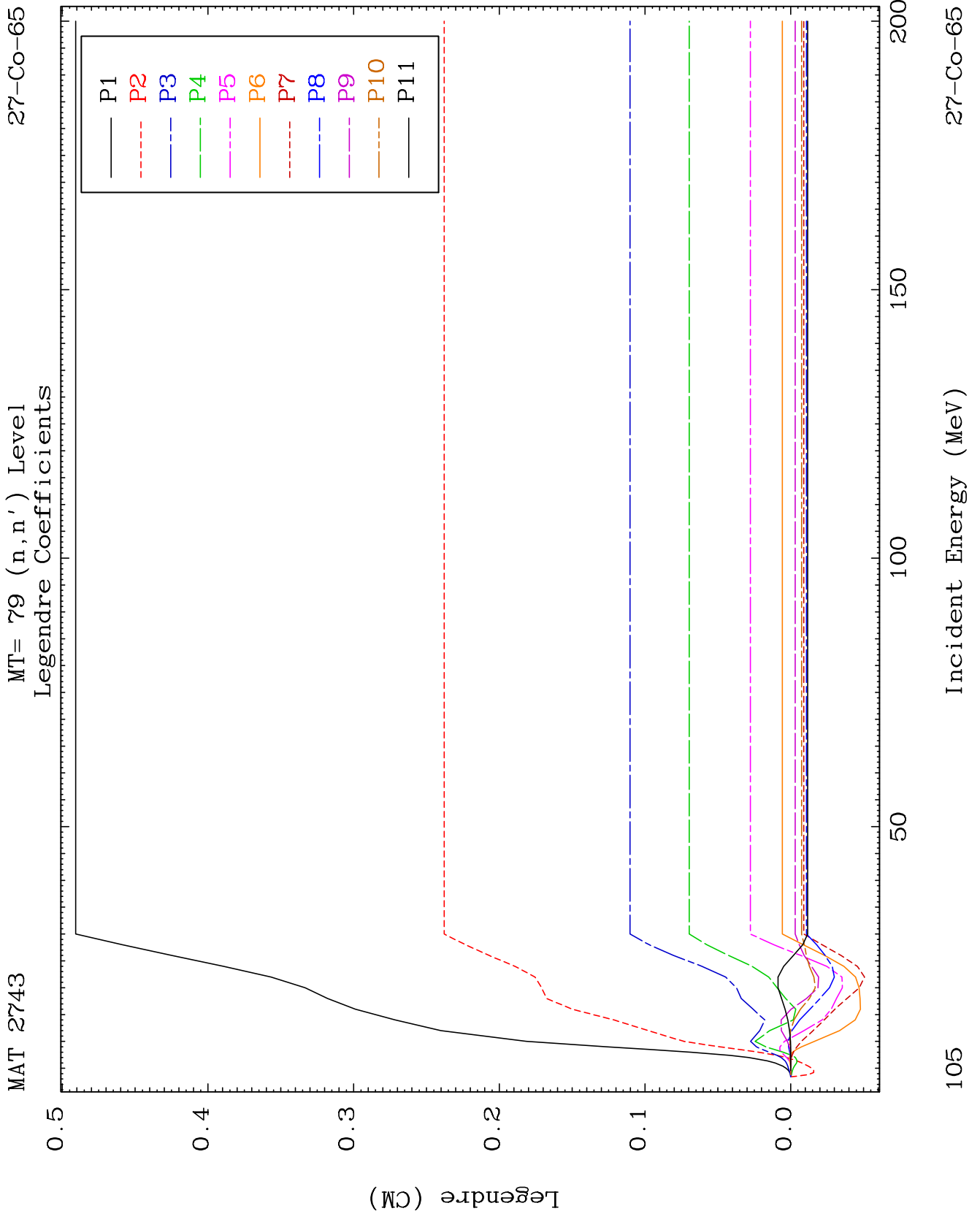
MAT 2743

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

27-Co-65



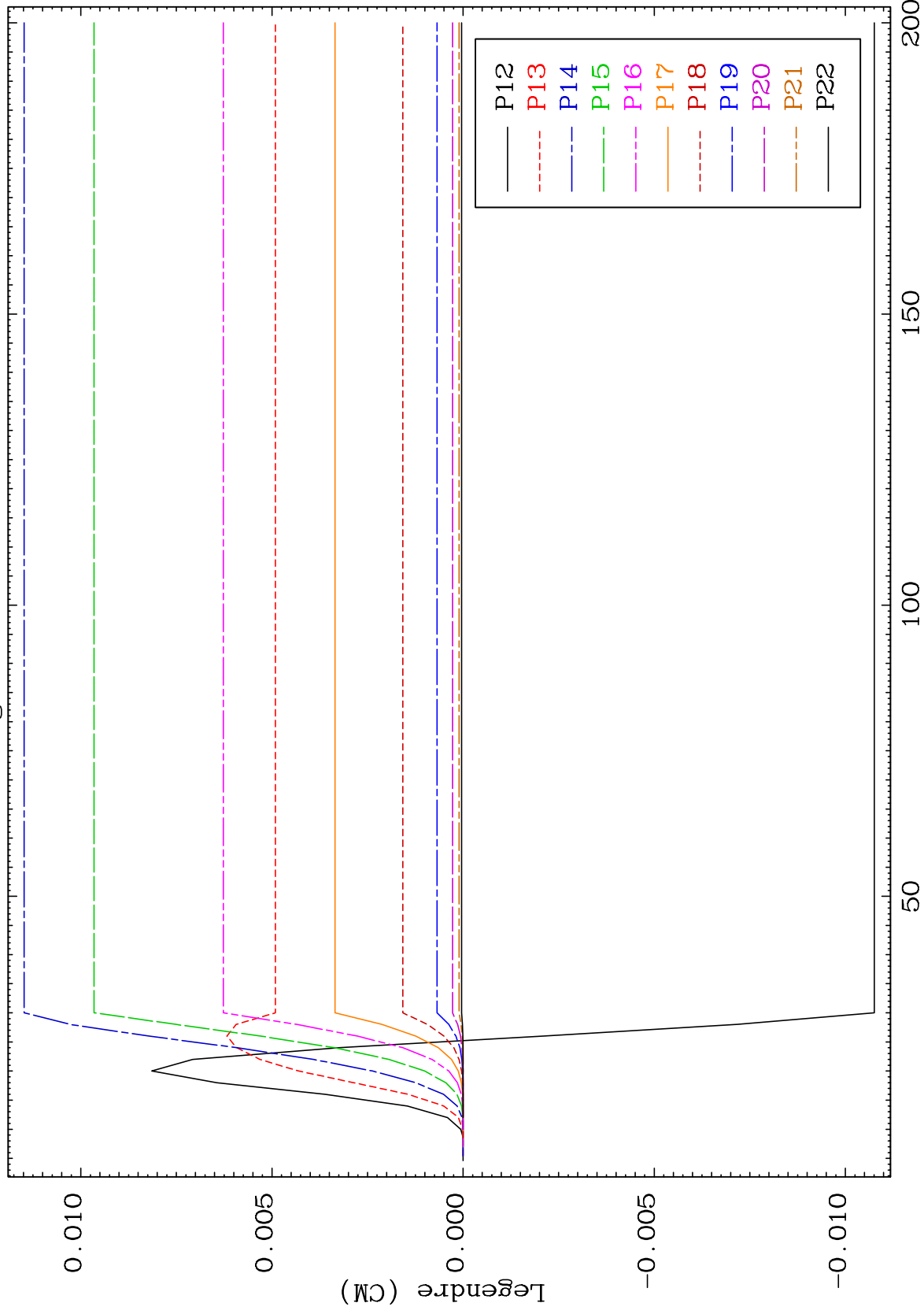




MAT 2743

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

27-Co-65



106

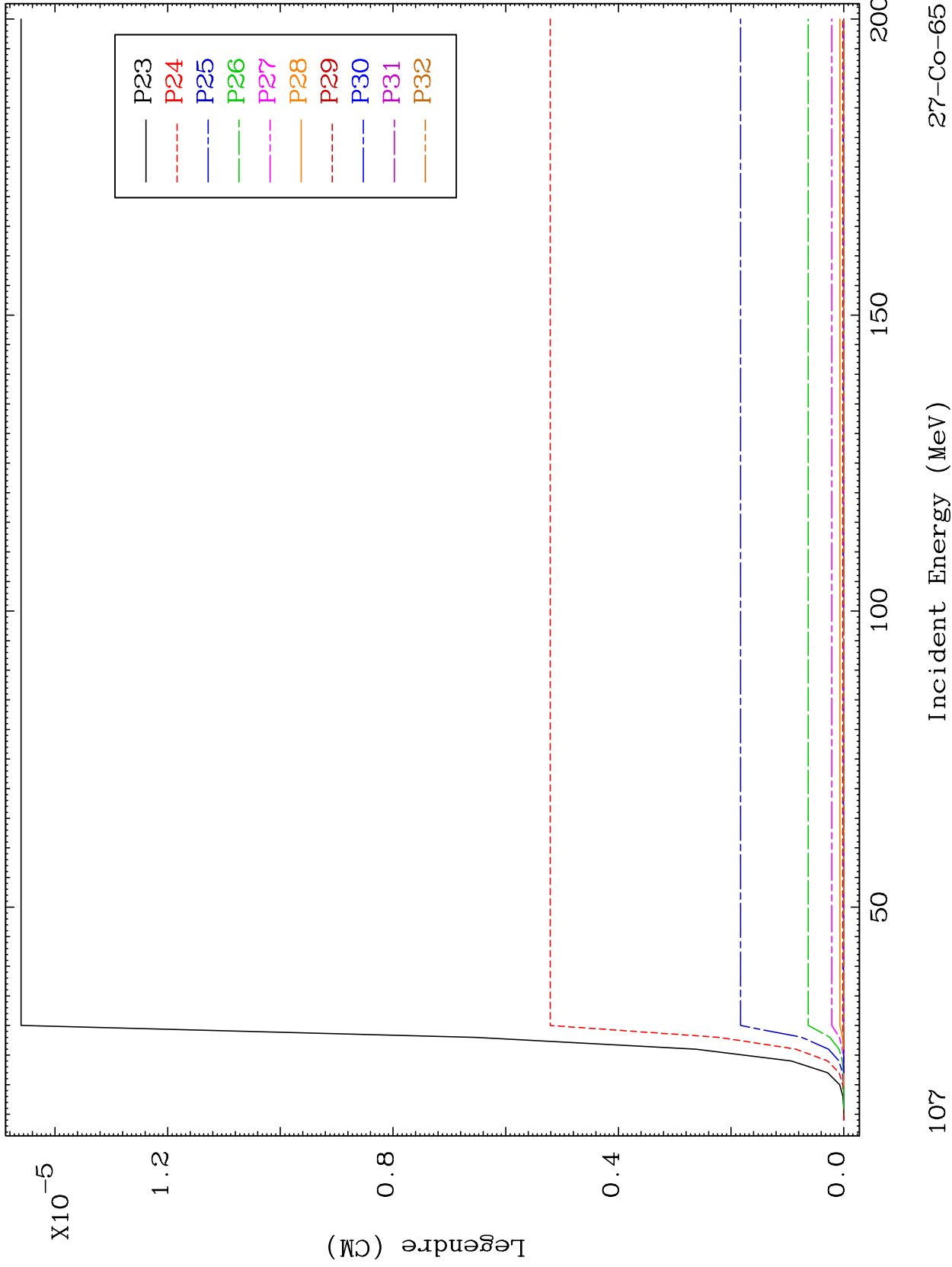
Incident Energy (MeV)

27-Co-65

MAT 2743

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

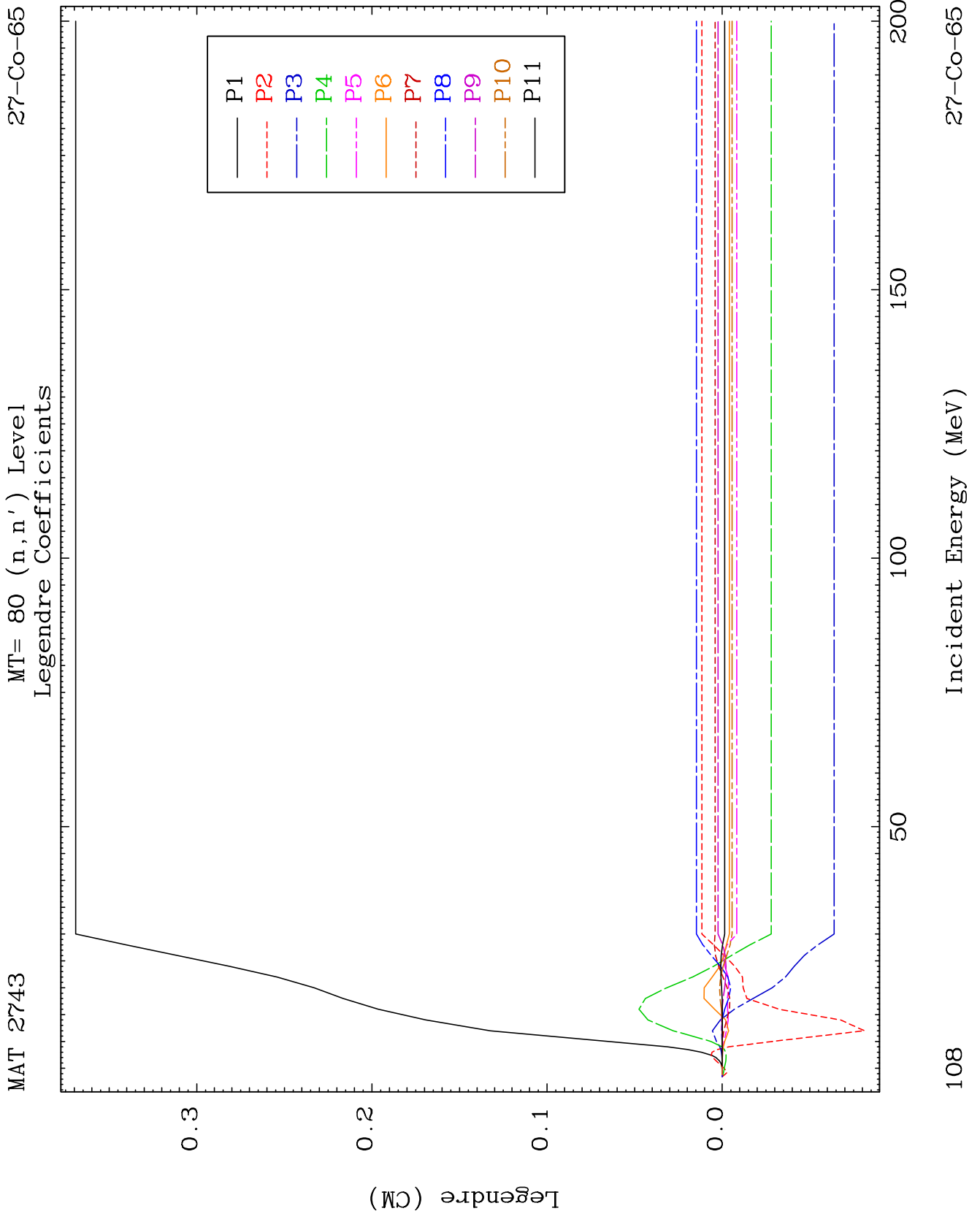
27-Co-65

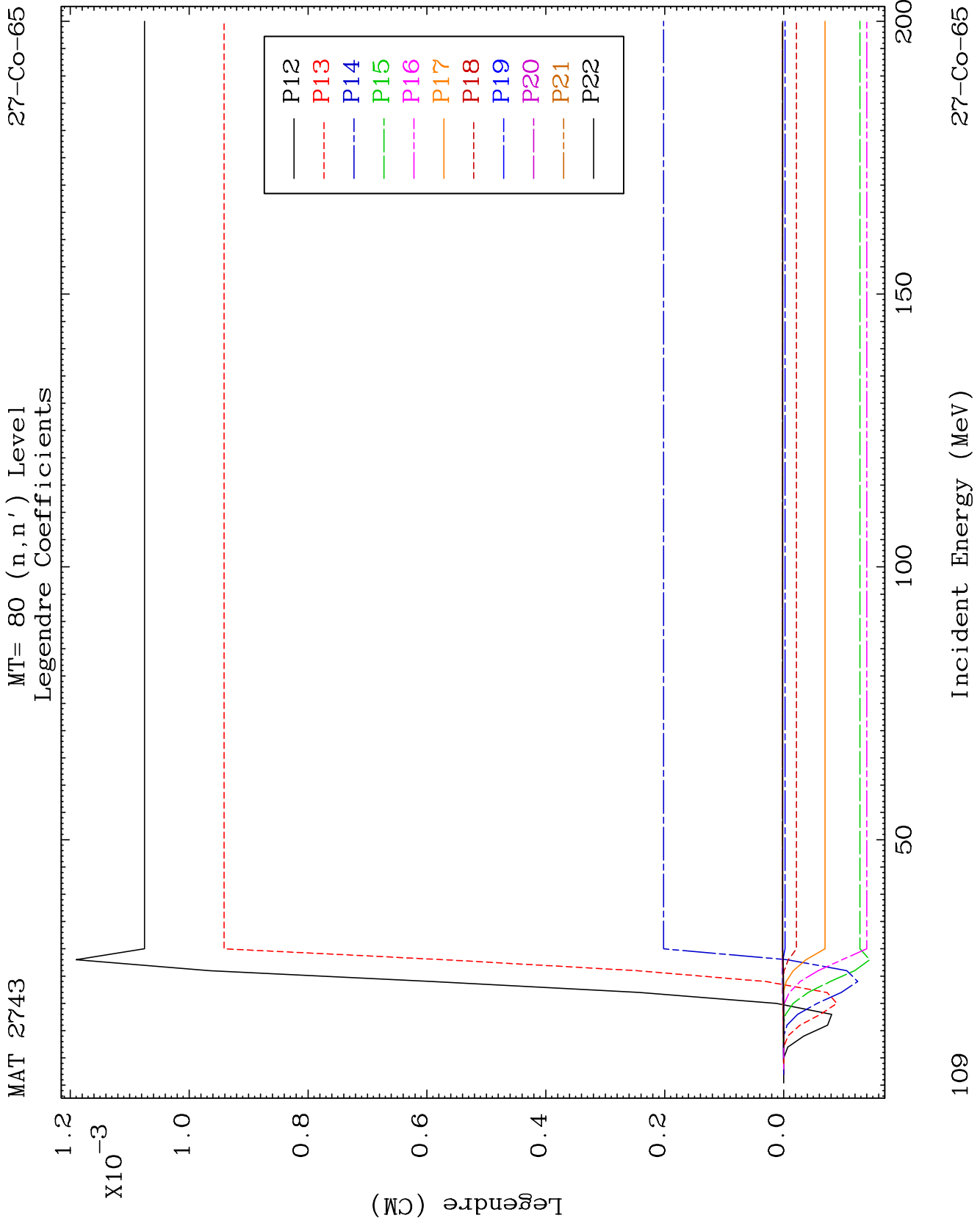


107

Incident Energy (MeV)

27-Co-65

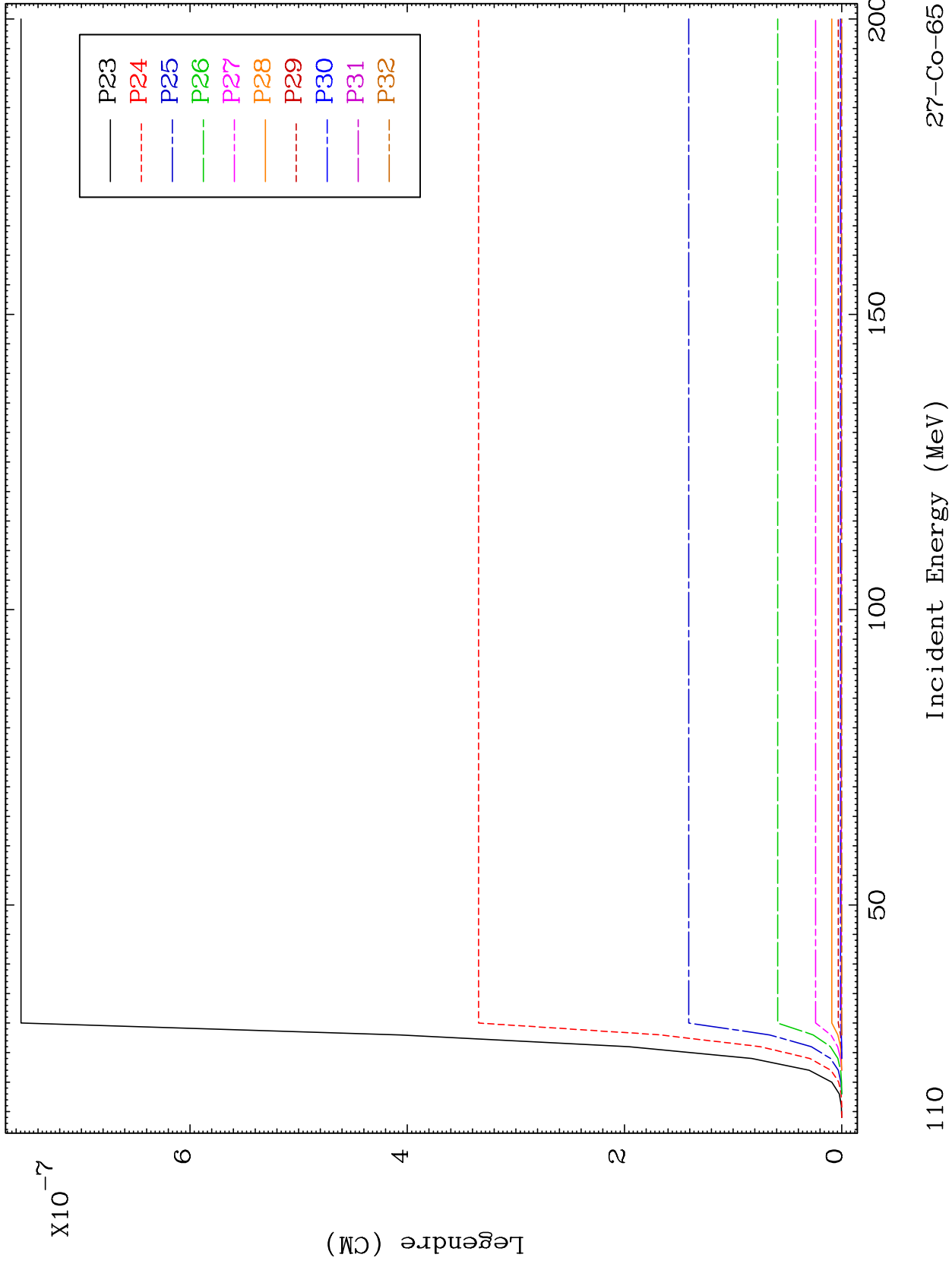




MAT 2743

MT= 80 (n,n') Level  
Legendre Coefficients

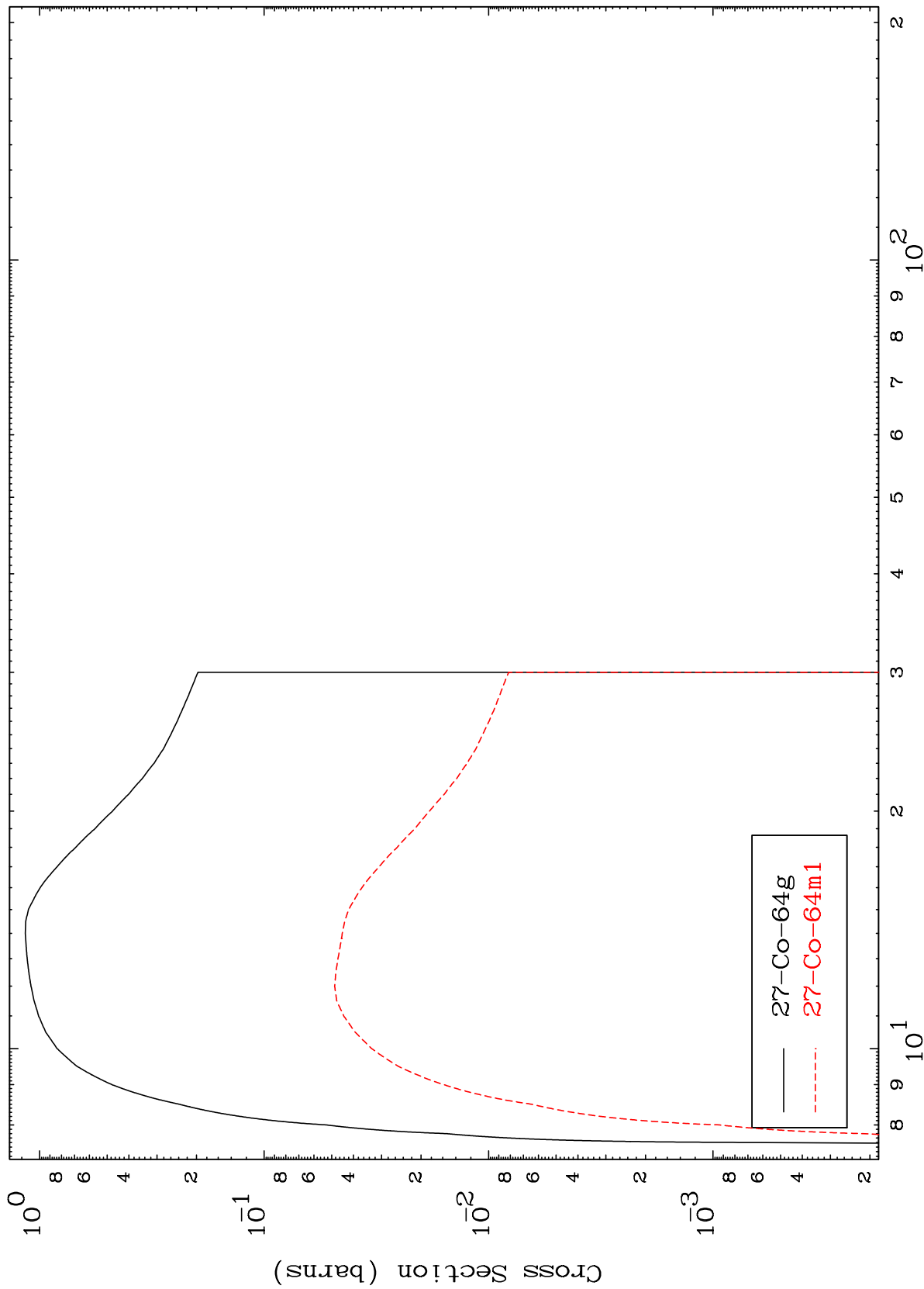
27-Co-65



MAT 2743

<sup>27</sup>Co-65

Radionuclide Production Cross Section

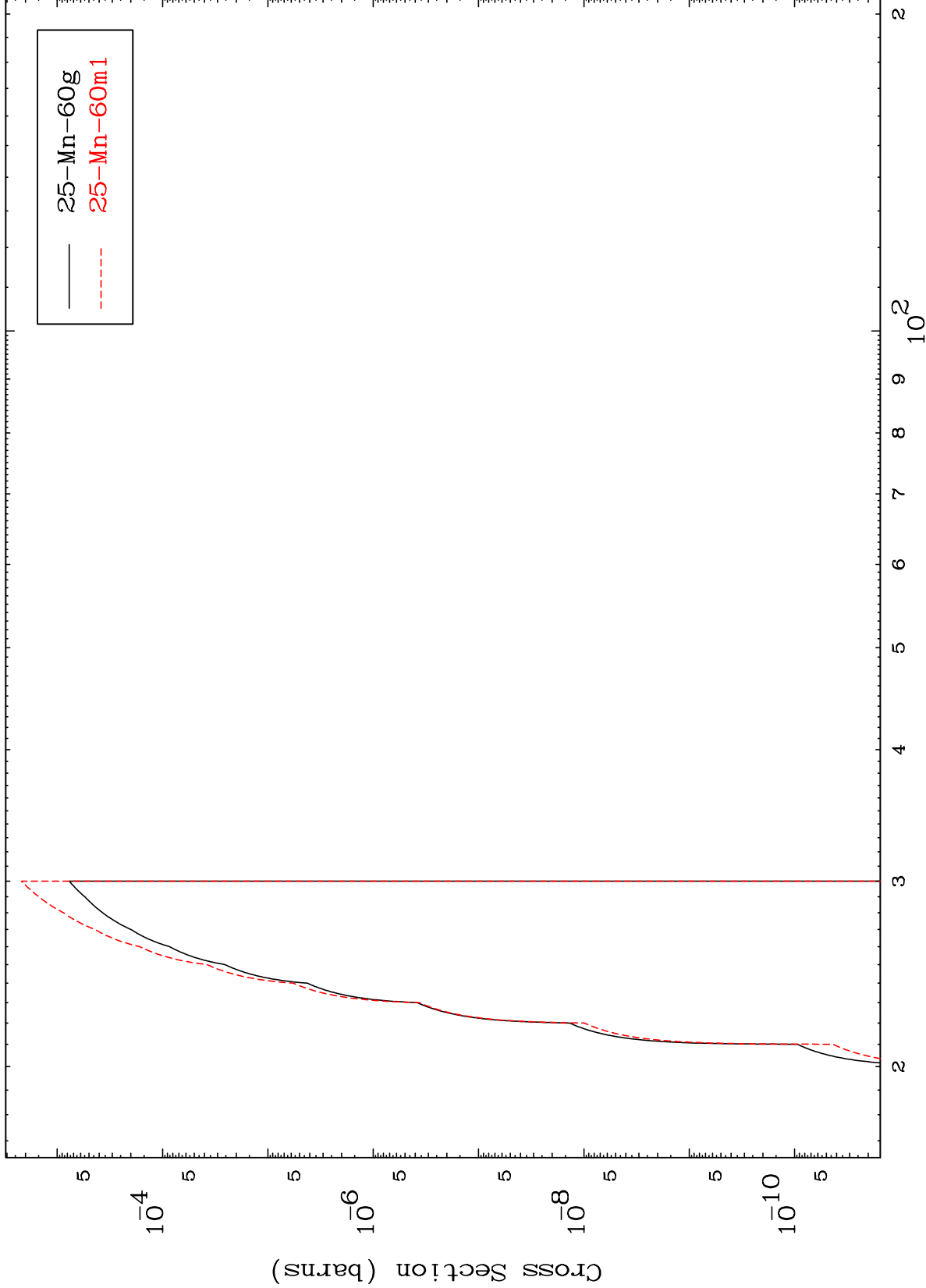


<sup>27</sup>Co-65

Incident Energy (MeV)

111

Radionuclide Production Cross Section

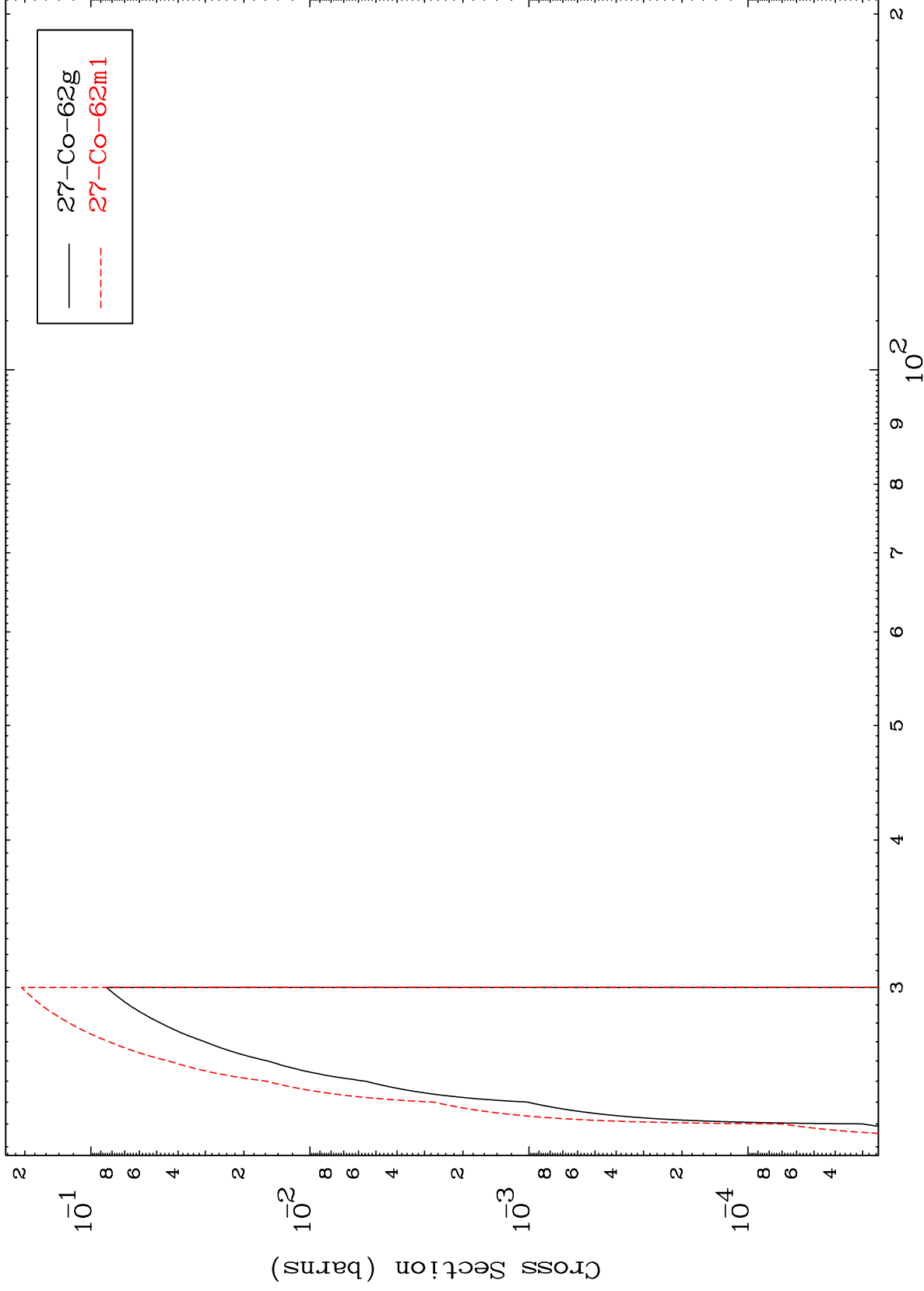


MAT 2743

(n,4n)

<sup>27</sup>Co-65

Radionuclide Production Cross Section



— 27-Co-62g  
- - - 27-Co-62m1

113

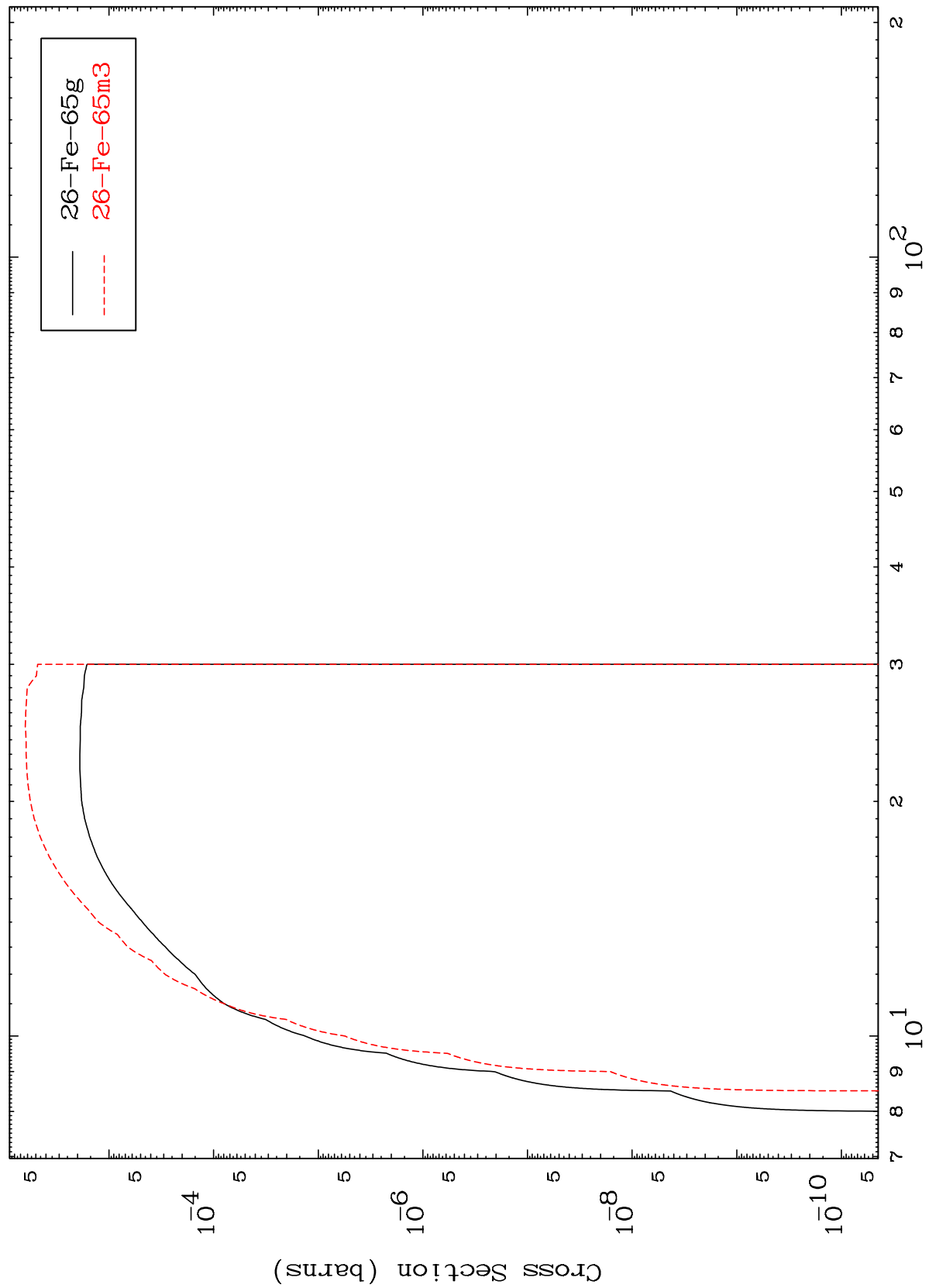
Incident Energy (MeV)

<sup>27</sup>Co-65

MAT 2743

27-Co-65

(n,p)  
Radionuclide Production Cross Section



114

Incident Energy (MeV)

27-Co-65