

Program EVALPLOT  
(Version 2017-1)

by

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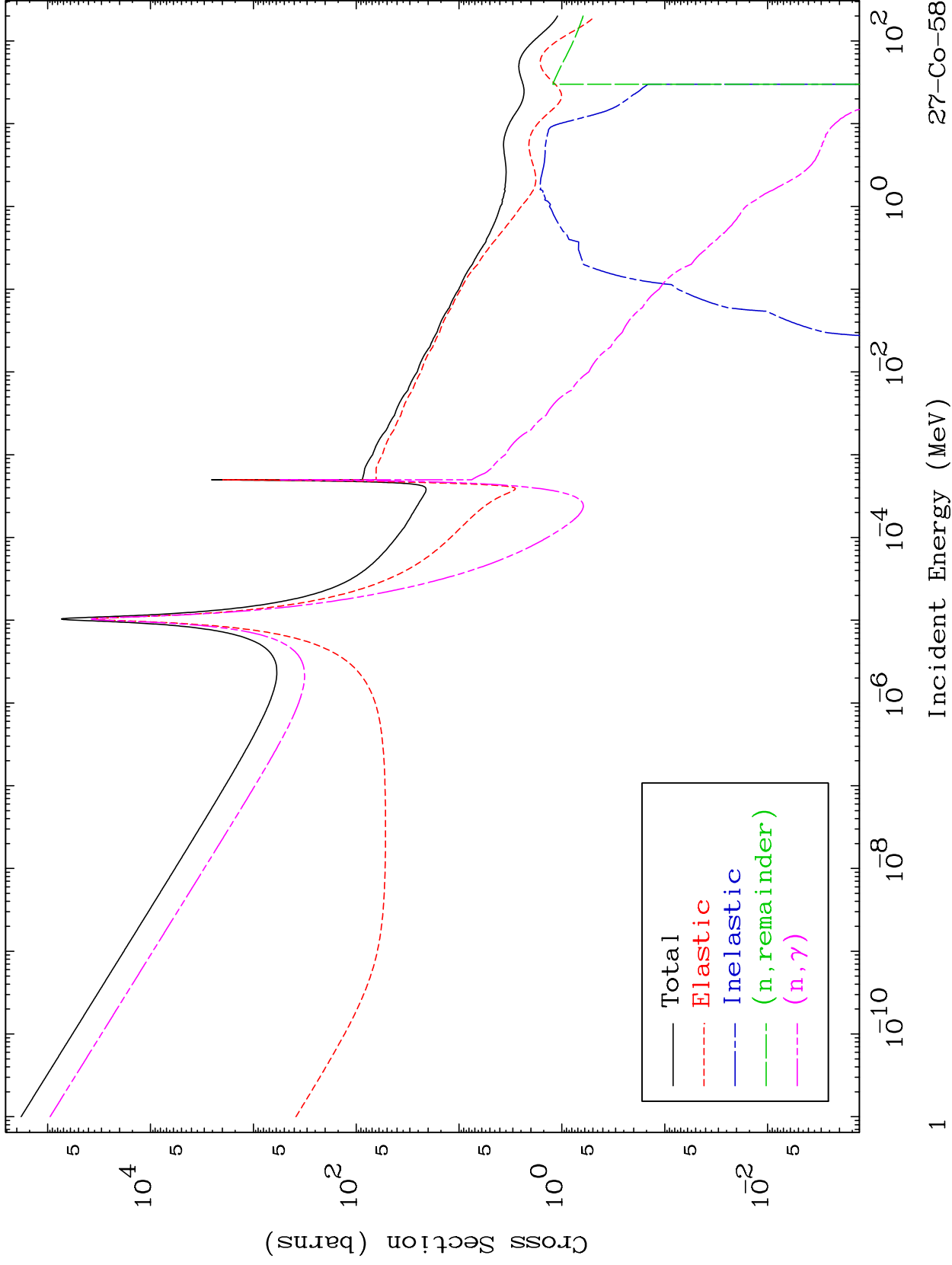
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Press Mouse Button to Start

MAT 2722

Major  
293 Kelvin Cross Sections

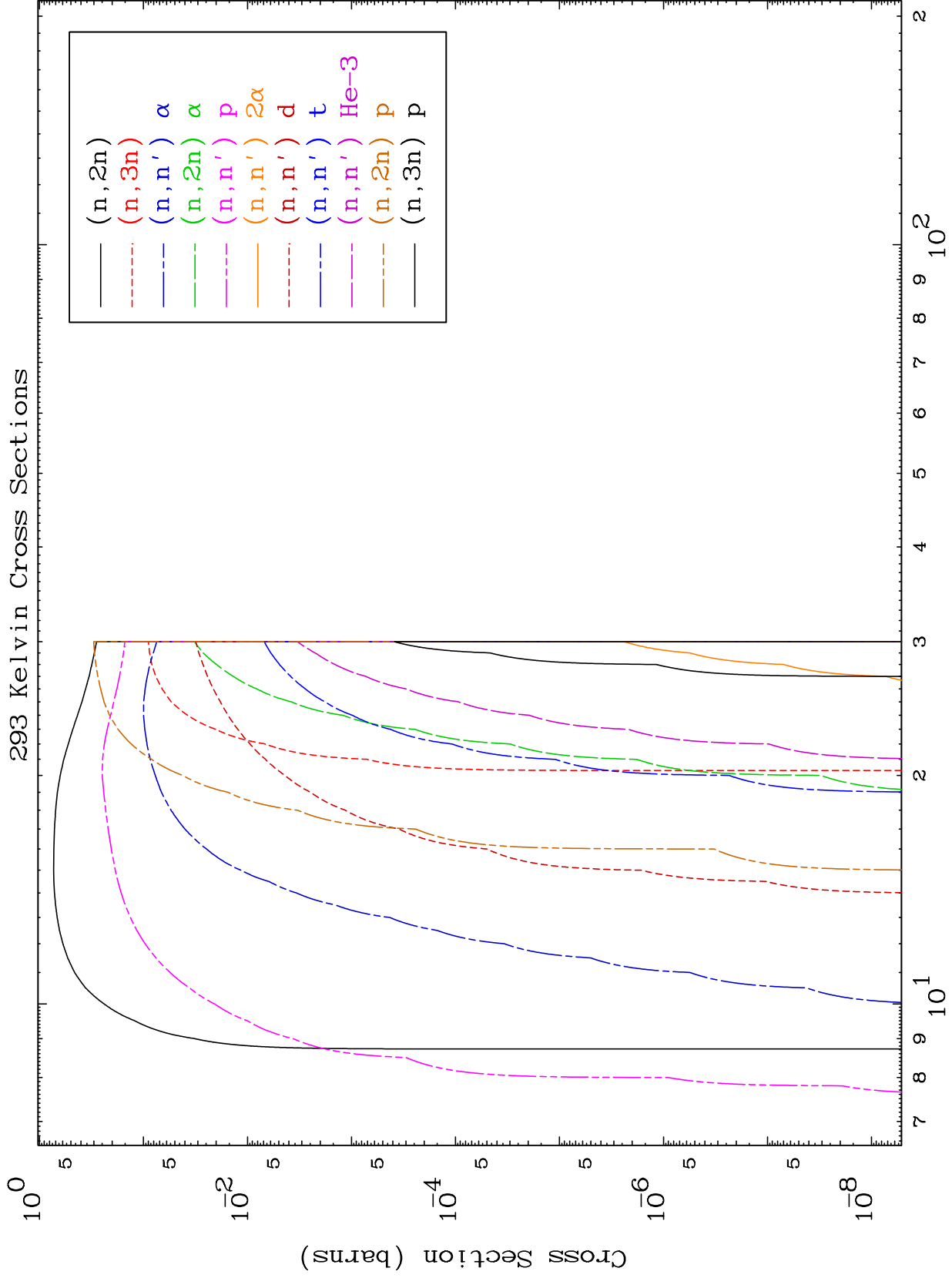
27-Co-58



MAT 2722

Neutron Production  
293 Kelvin Cross Sections

27-Co-58



2

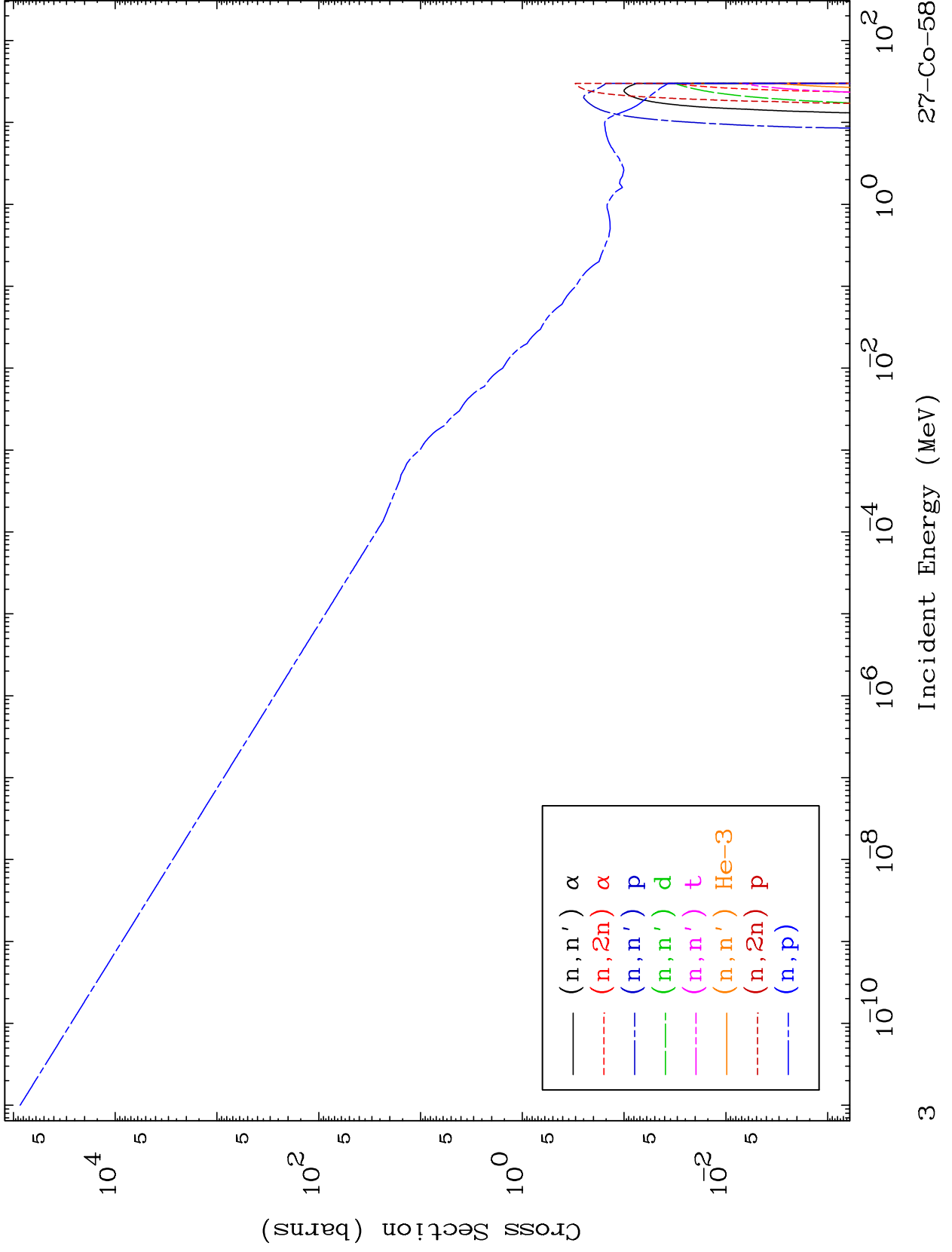
Incident Energy (MeV)

27-Co-58

MAT 2722

Charged Particle  
293 Kelvin Cross Sections

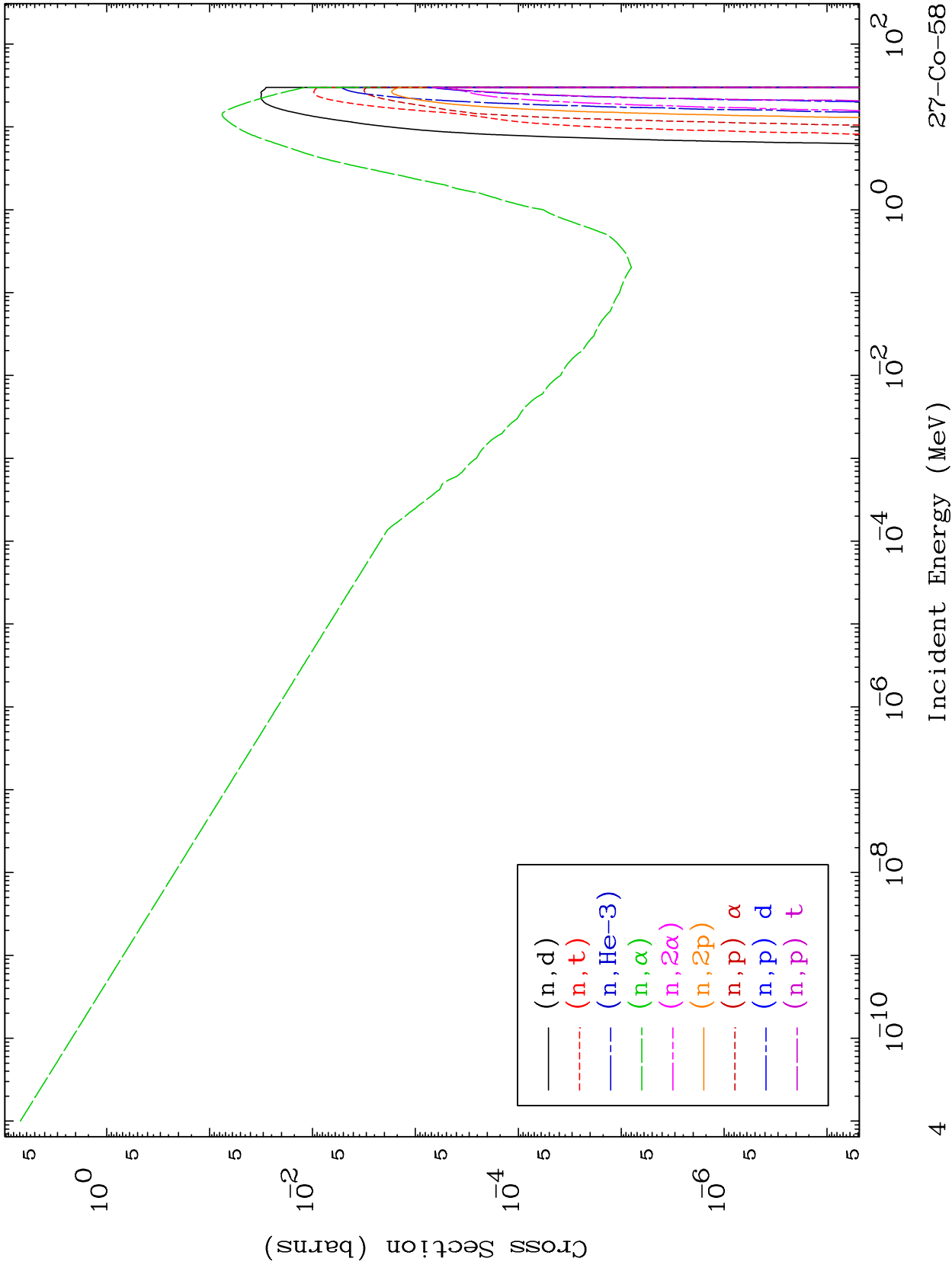
27-Co-58

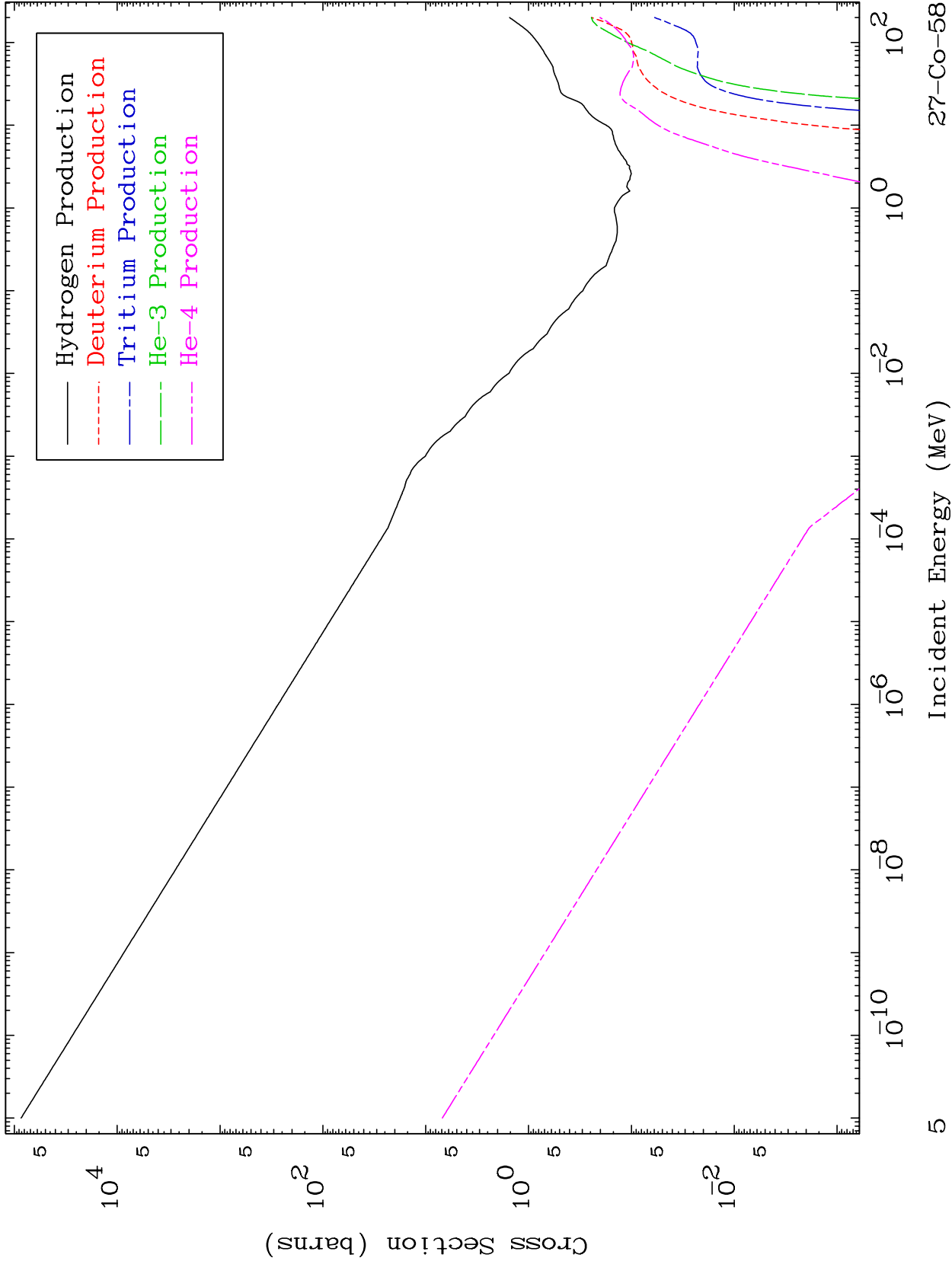


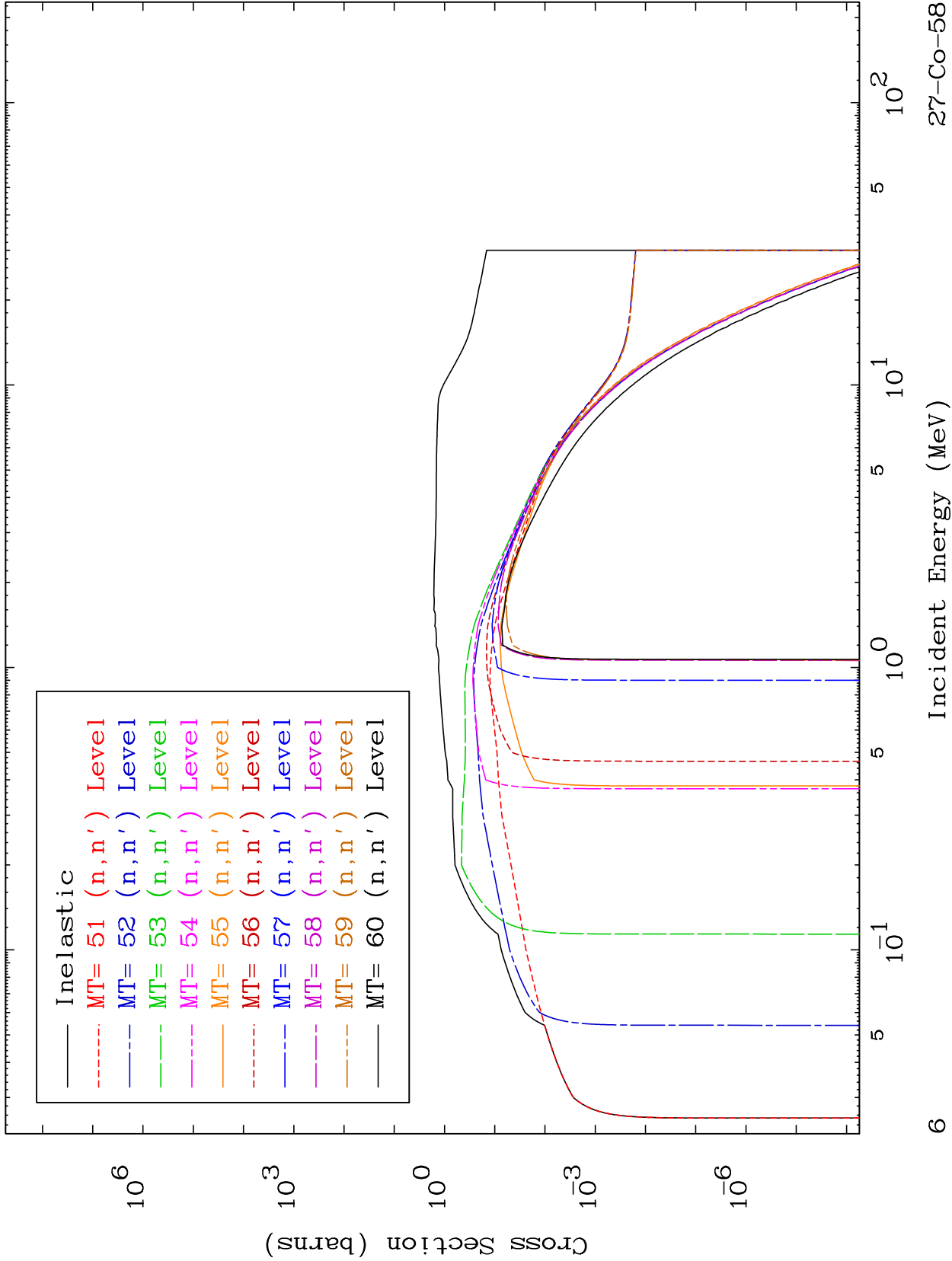
MAT 2722

Charged Particle  
293 Kelvin Cross Sections

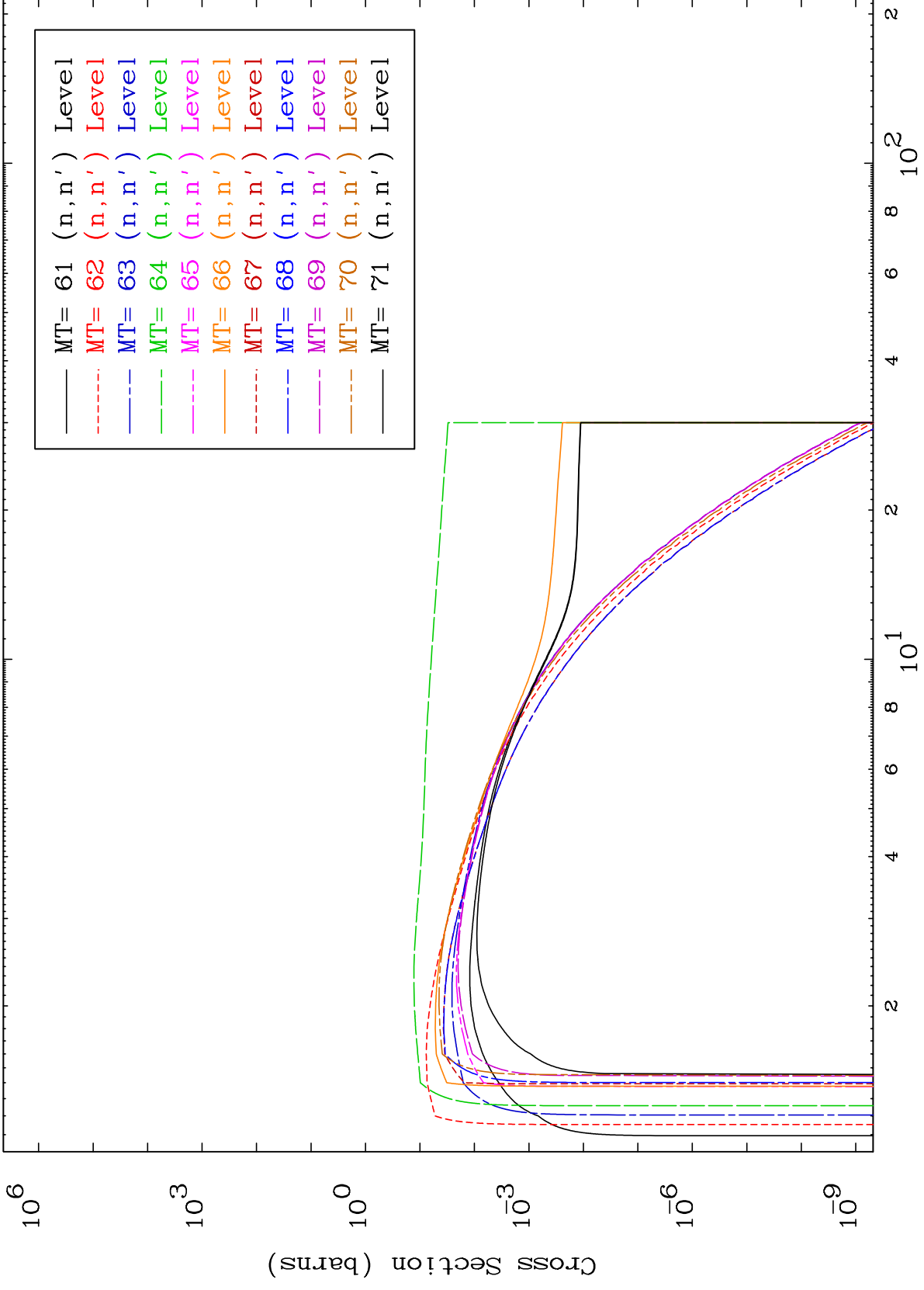
27-Co-58







293 Kelvin Cross Sections



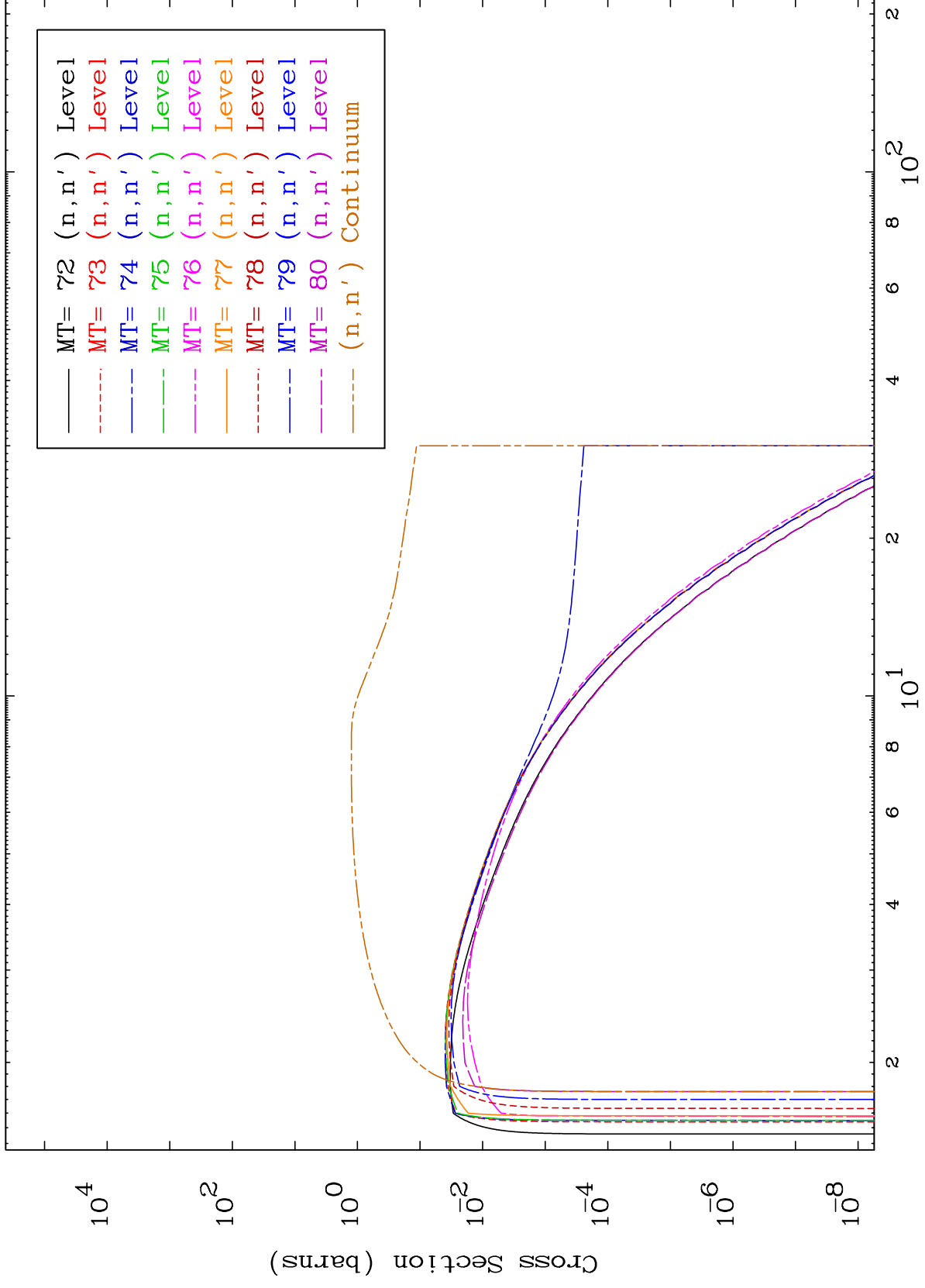


MAT 2722

(n,n') Level

27-Co-58

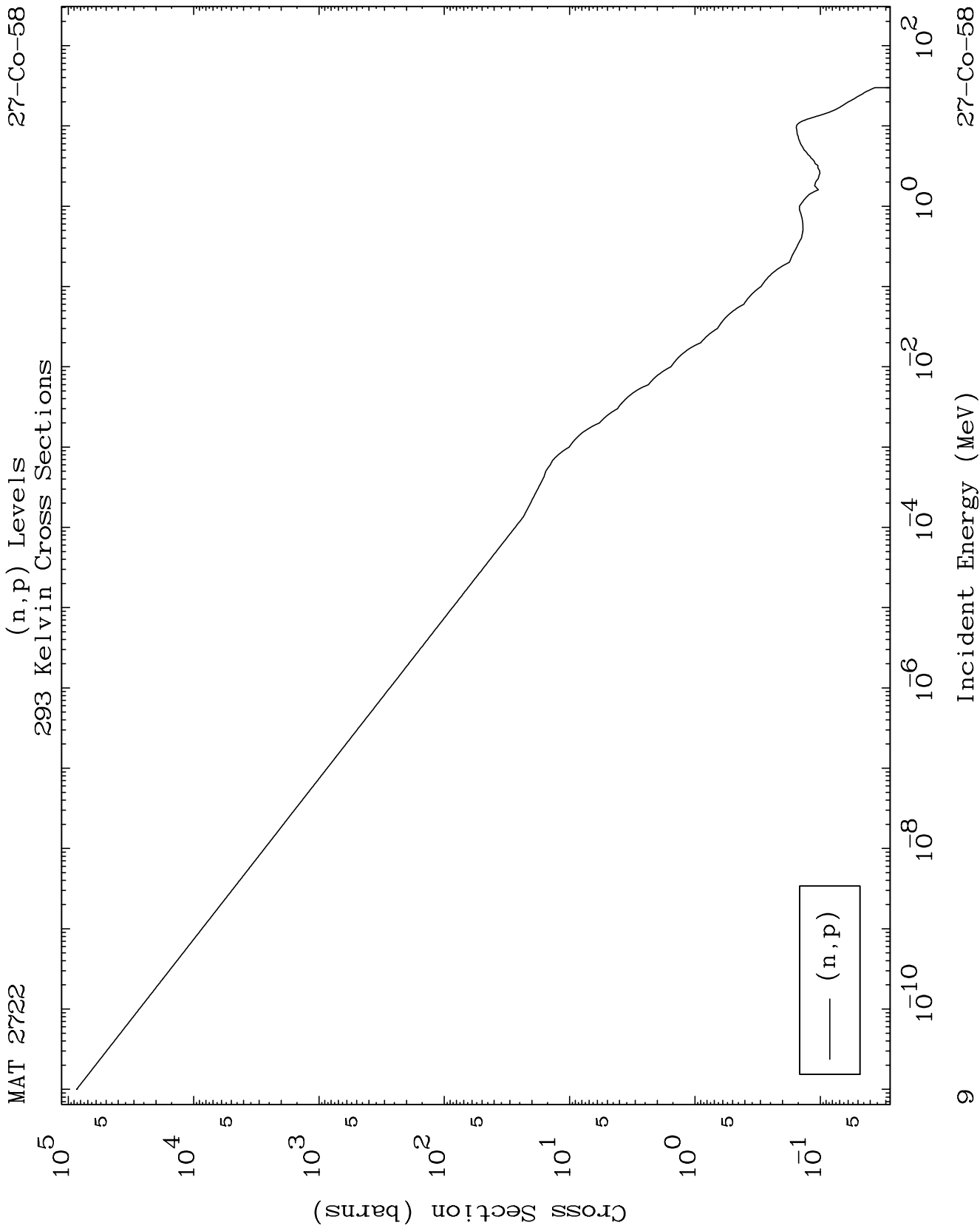
293 Kelvin Cross Sections



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Incident Energy (MeV)

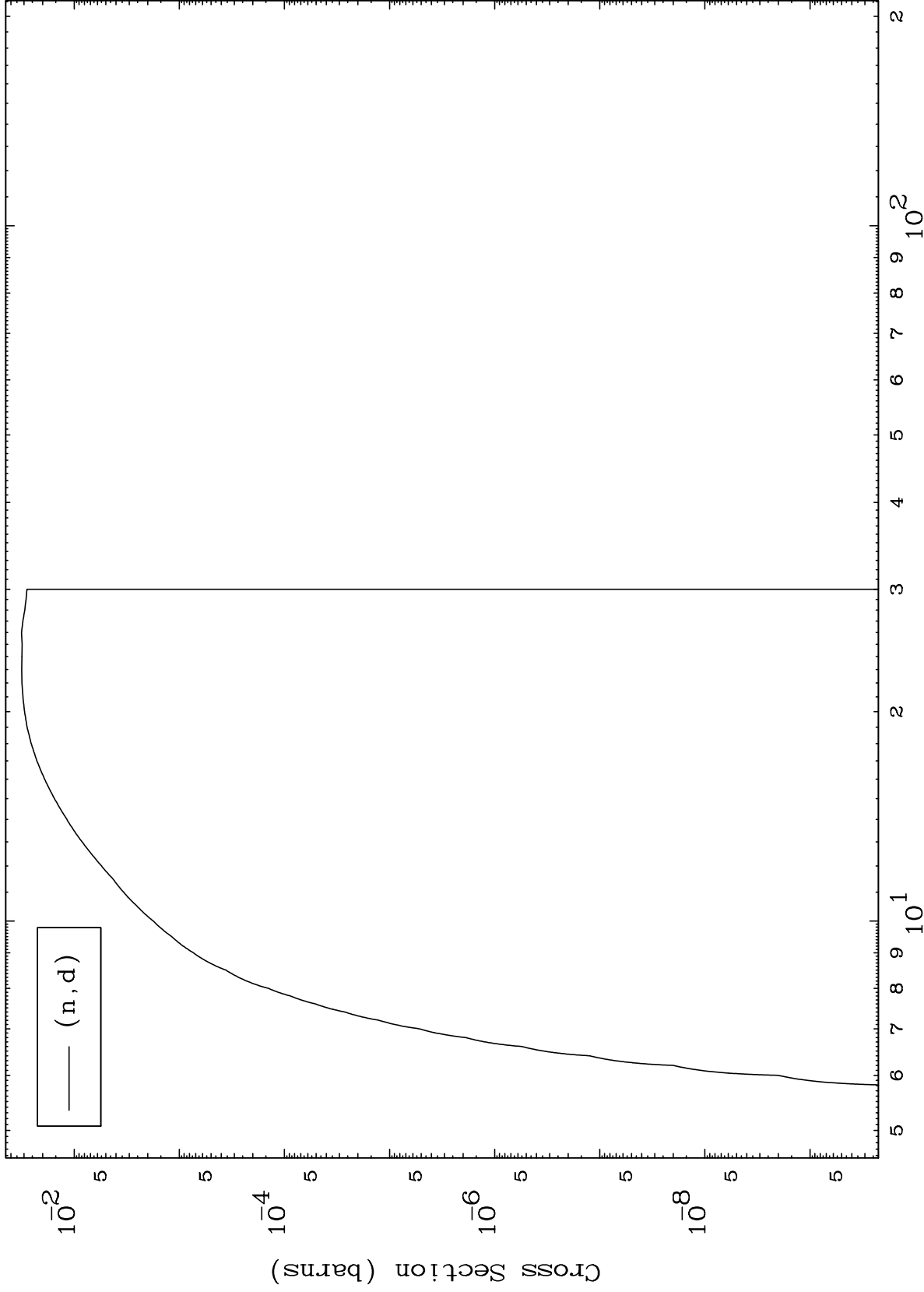
27-Co-58



MAT 2722

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-58



10

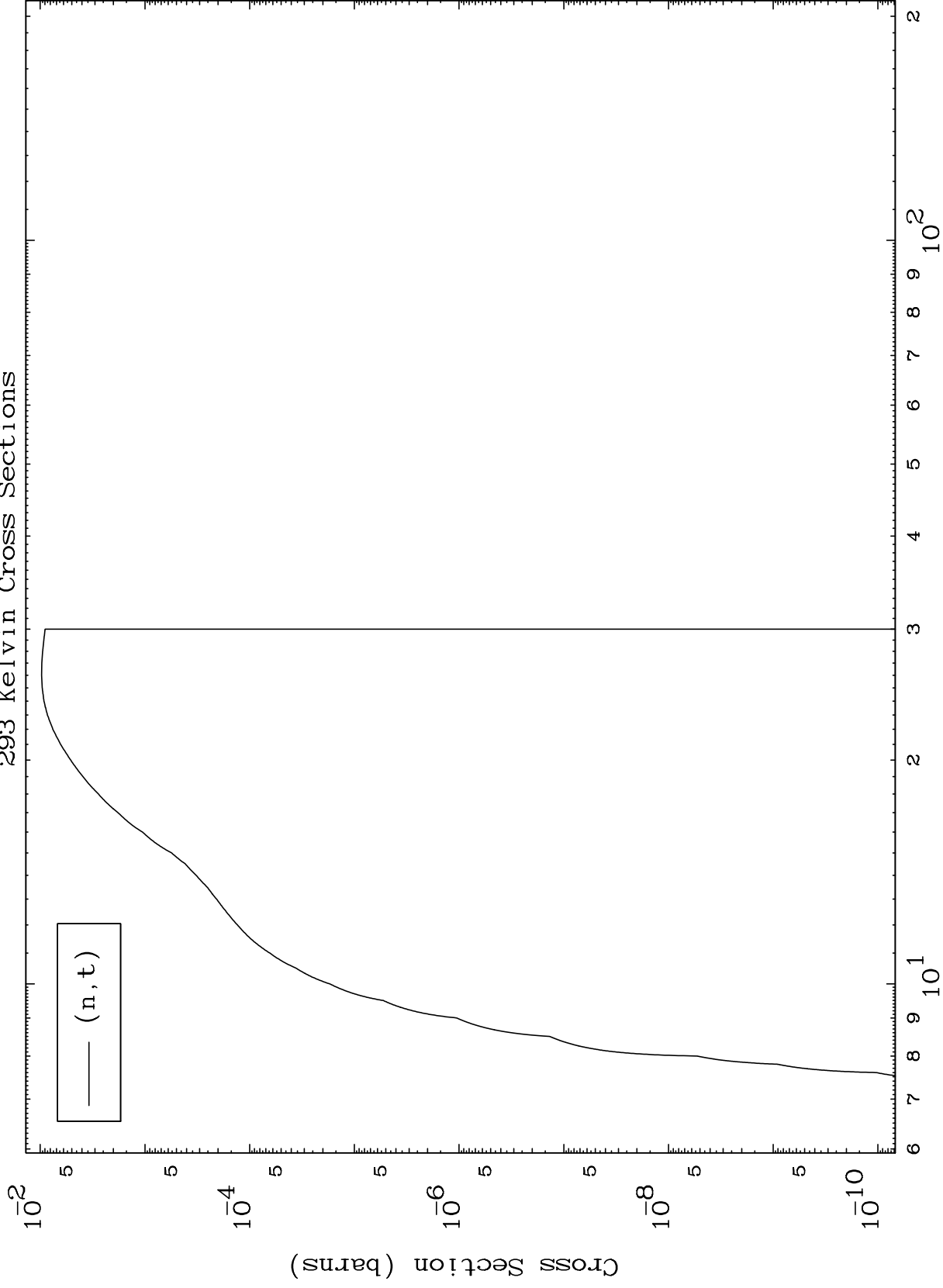
Incident Energy (MeV)

27-Co-58

MAT 2722

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-58



11

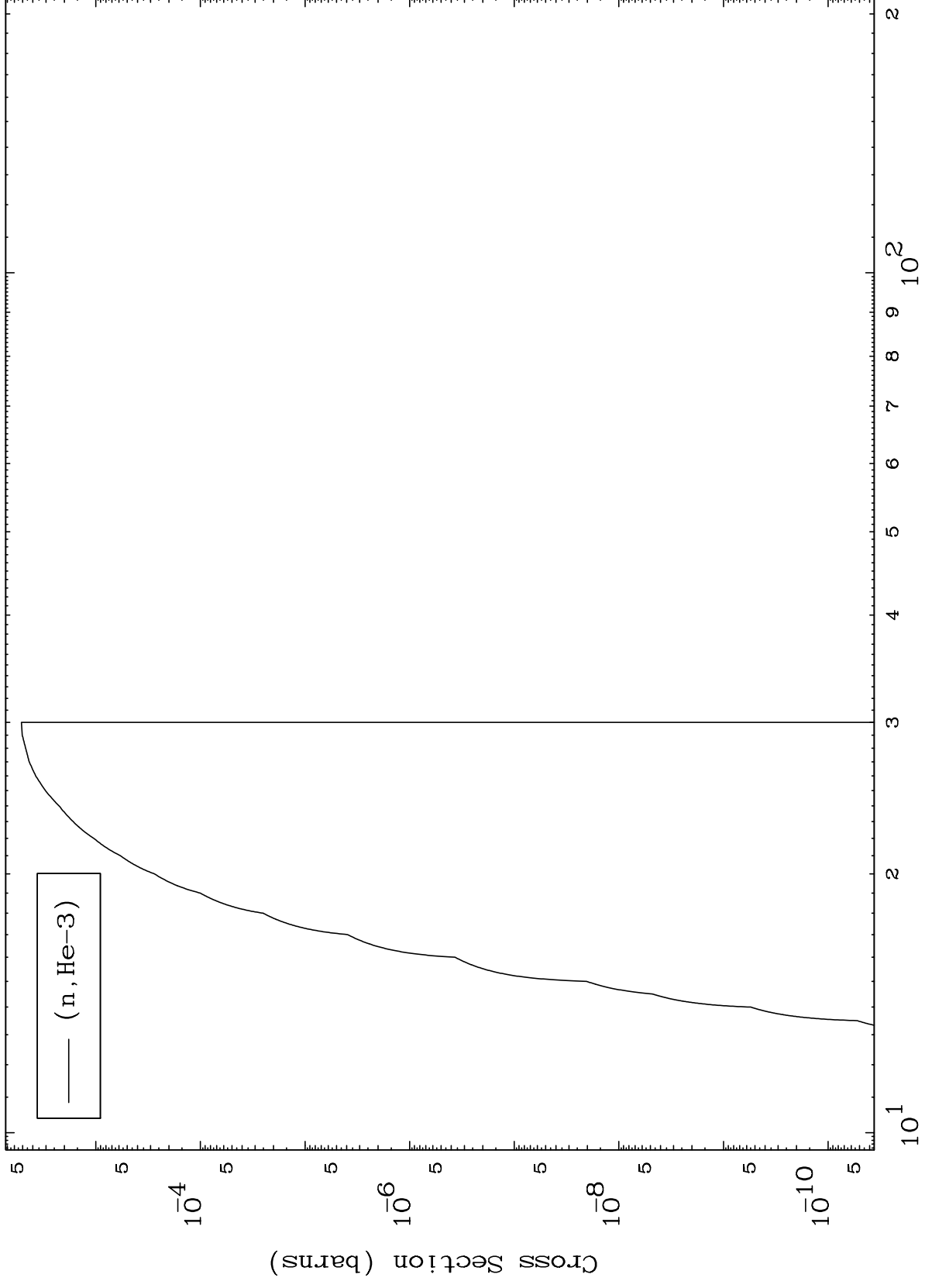
Incident Energy (MeV)

27-Co-58

MAT 2722

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-58



Incident Energy (MeV)

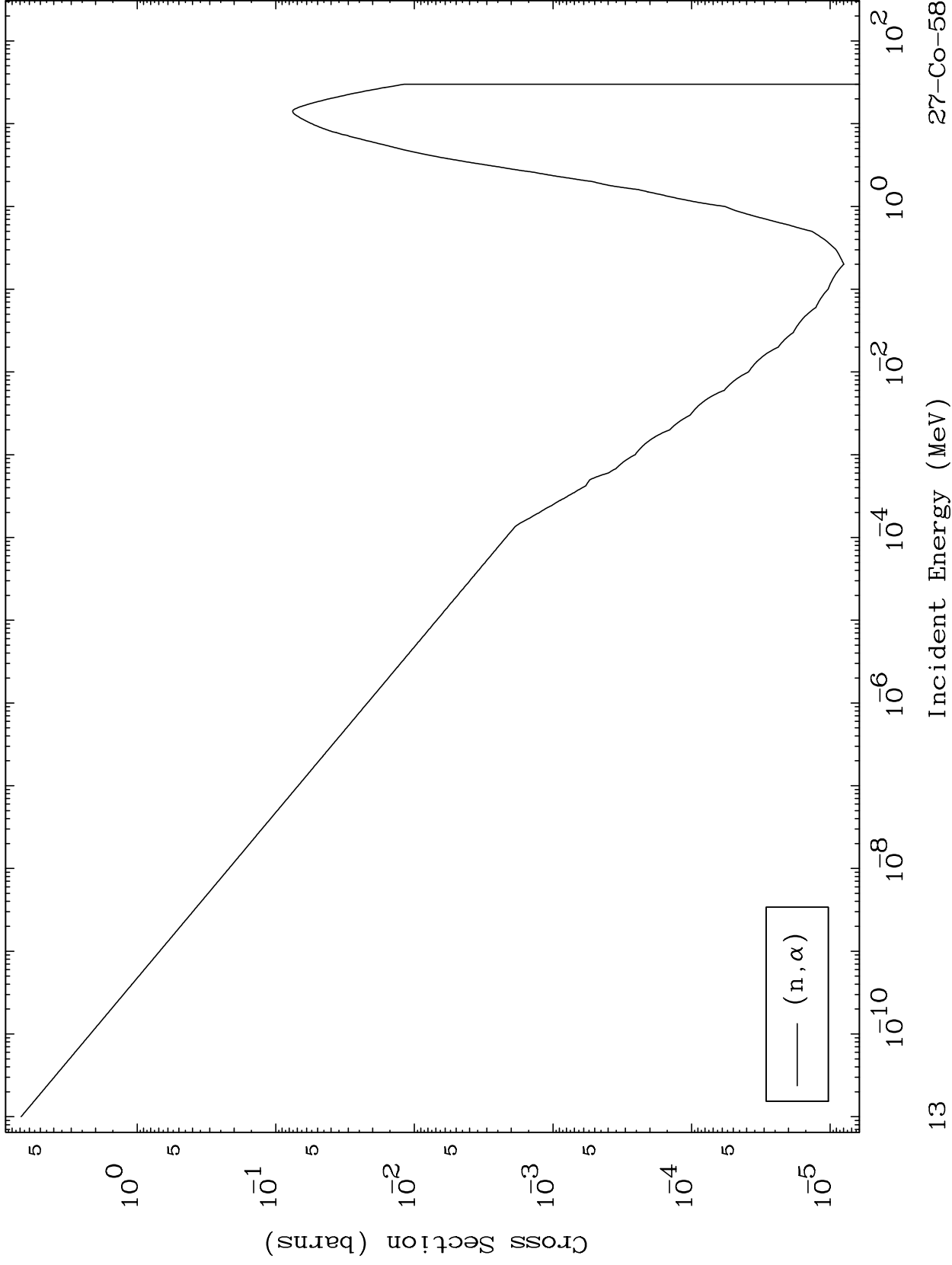
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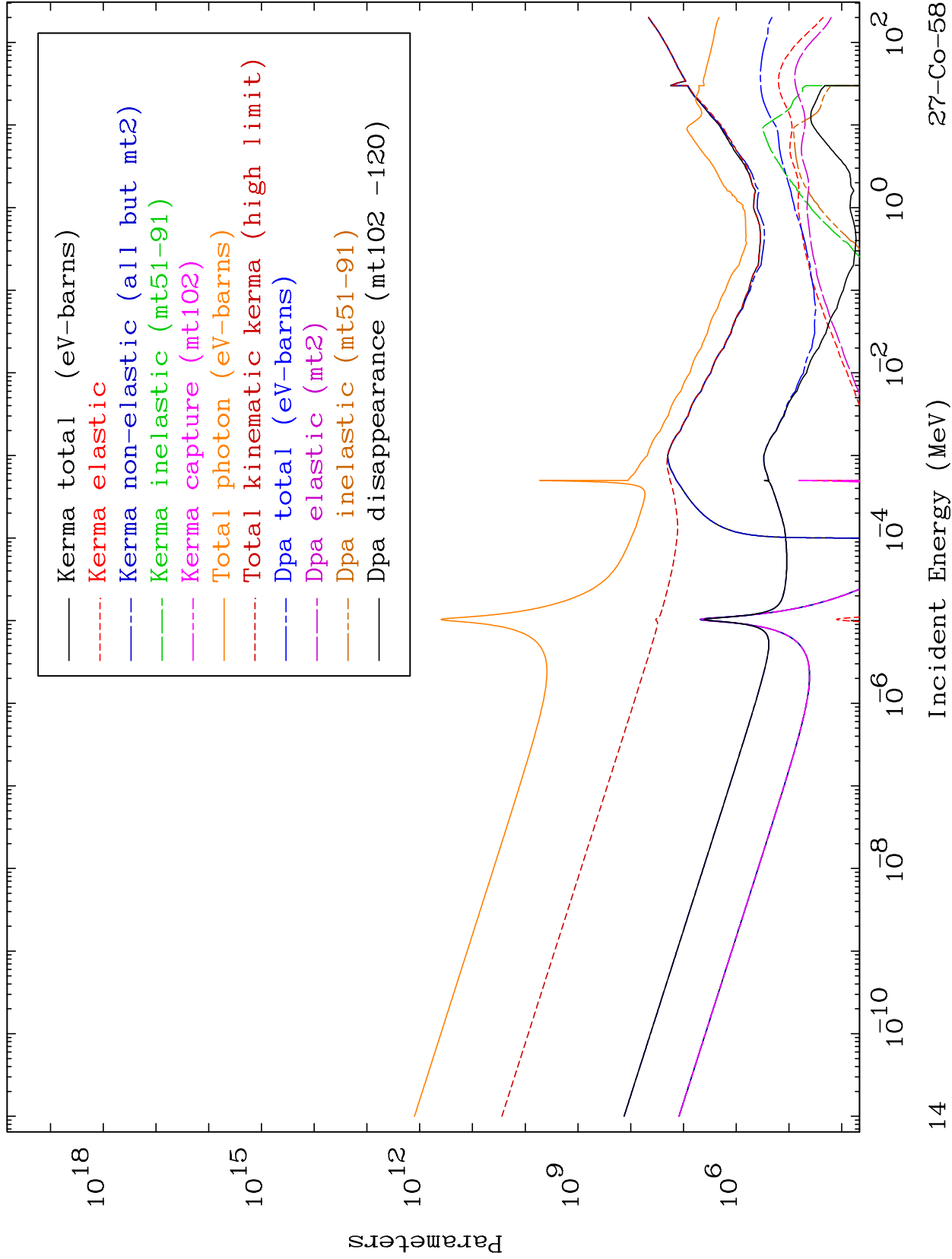
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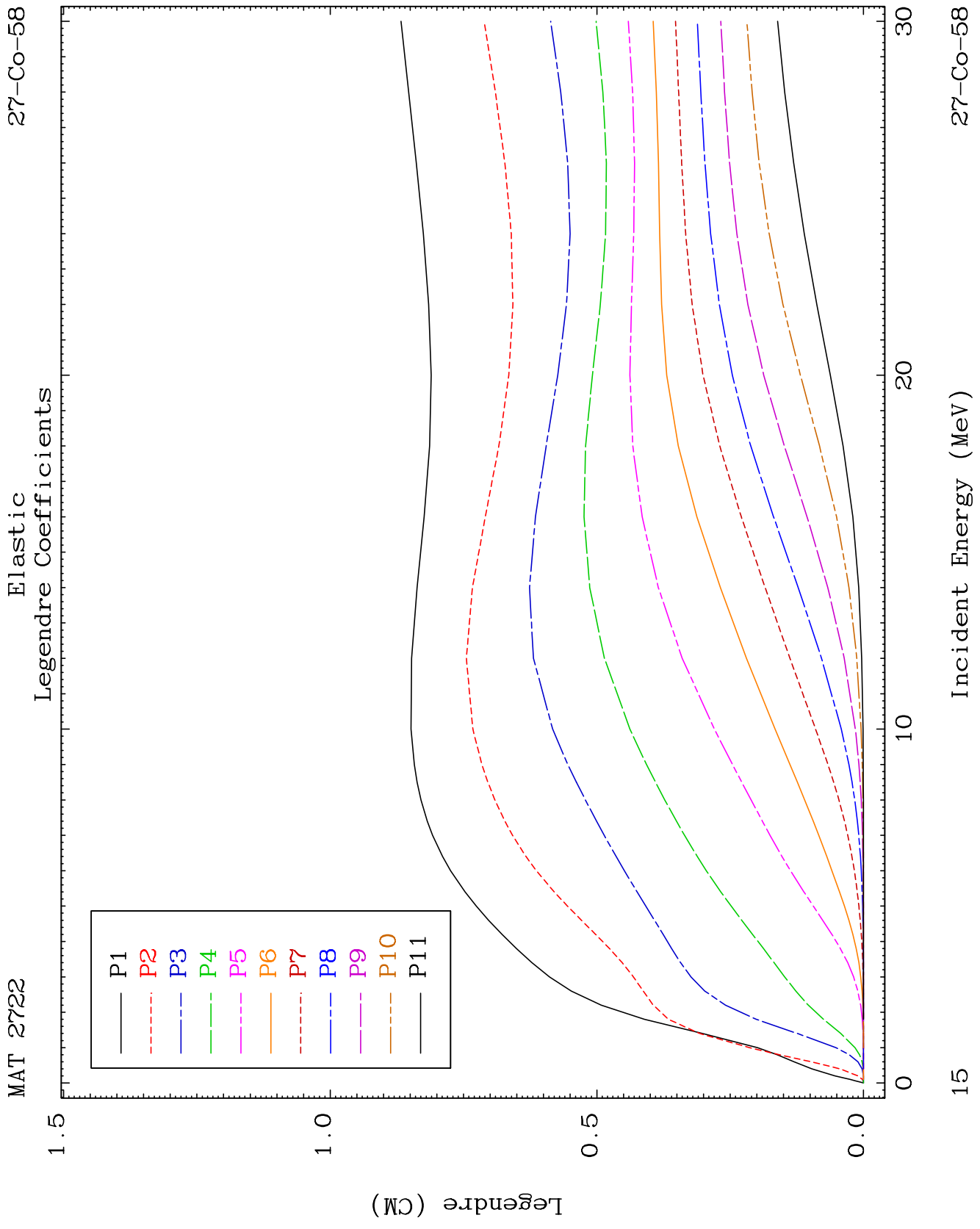
MAT 2722

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

27-Co-58





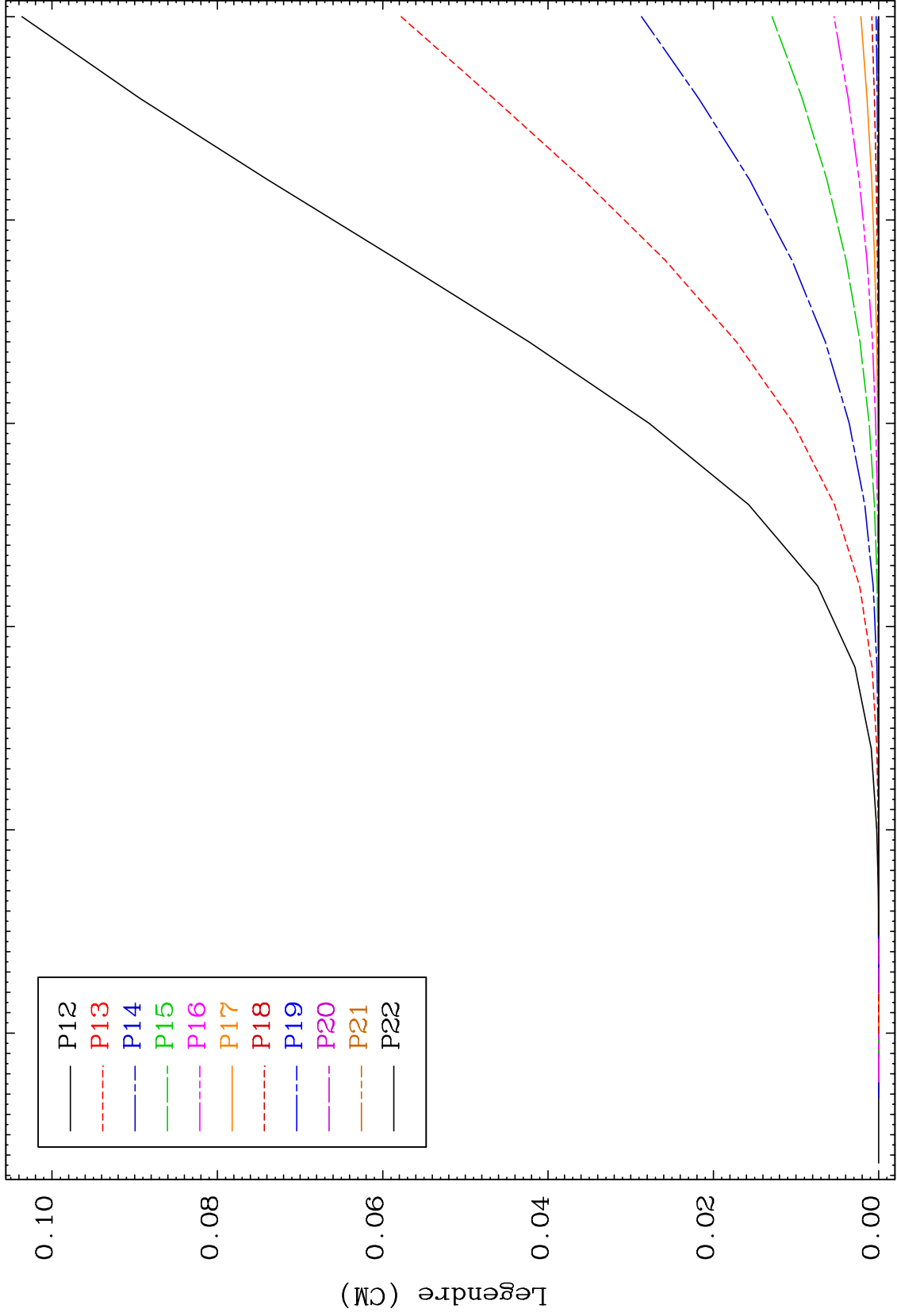




MAT 2722

Elastic  
Legendre Coefficients

27-Co-58



16

Incident Energy (MeV)

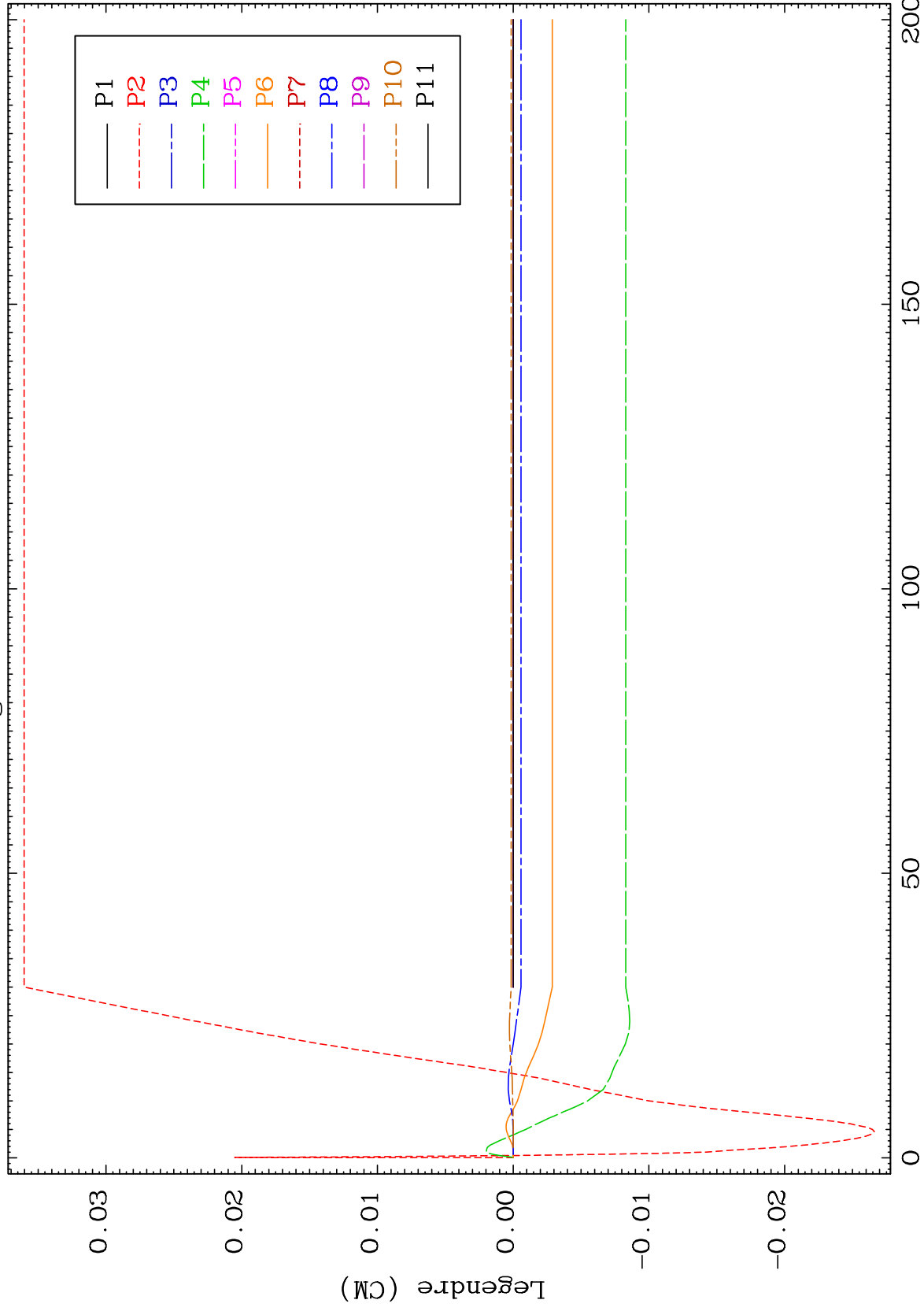
27-Co-58



MAT 2722

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

27-Co-58



18

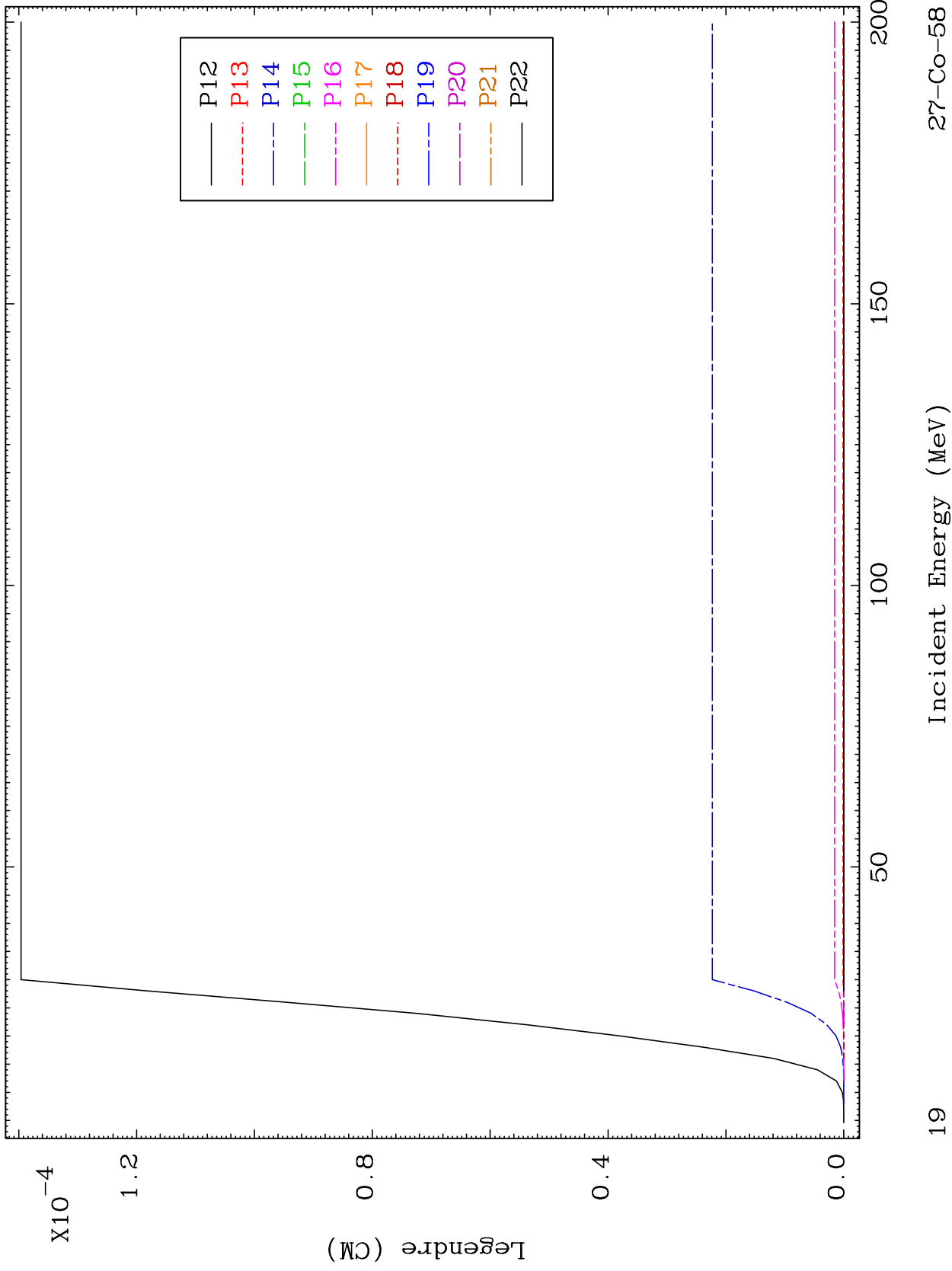
Incident Energy (MeV)

27-Co-58

MAT 2722

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

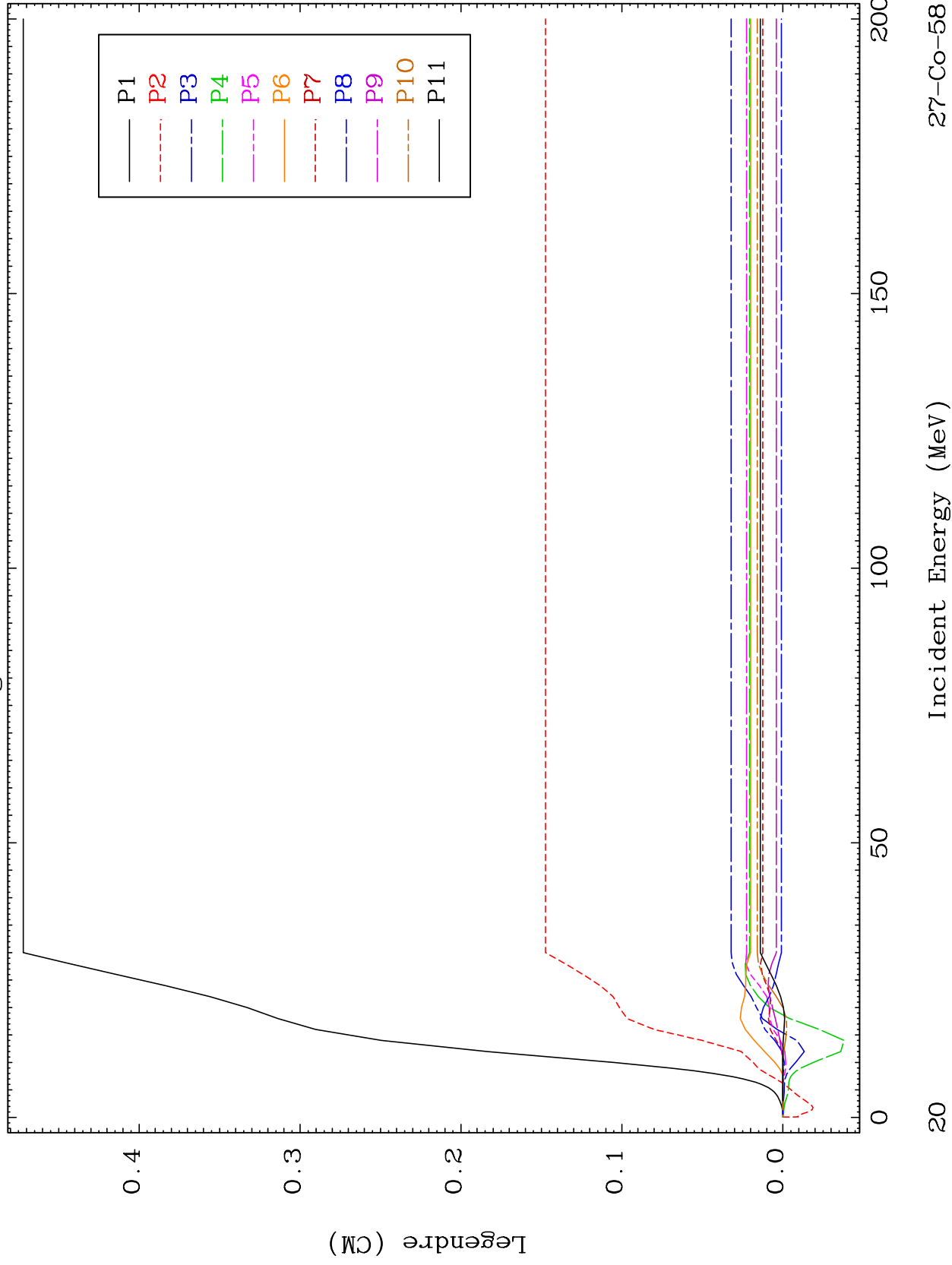
27-Co-58



MAT 2722

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

27-Co-58

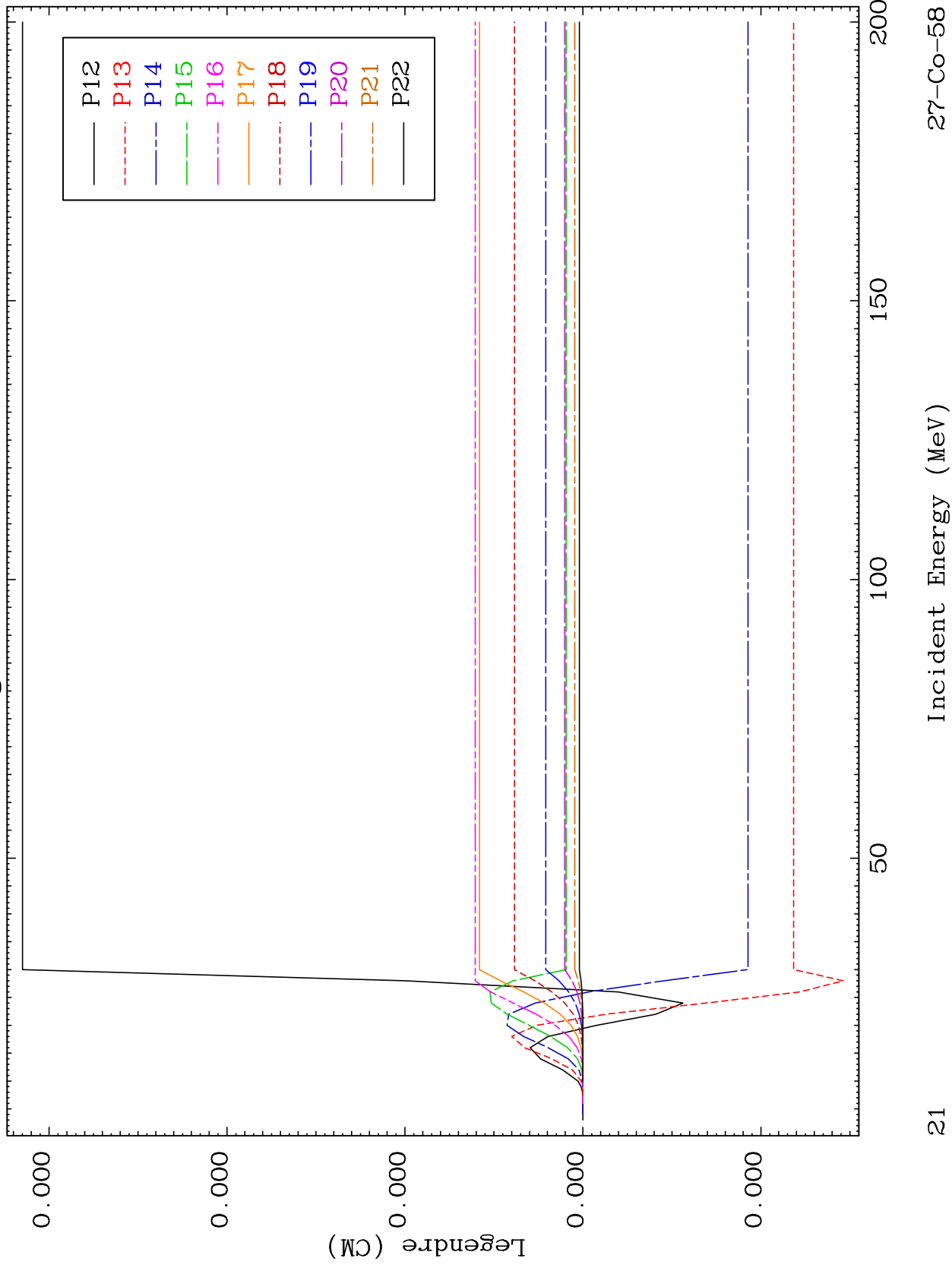


27-Co-58

MAT 2722

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

27-Co-58



21

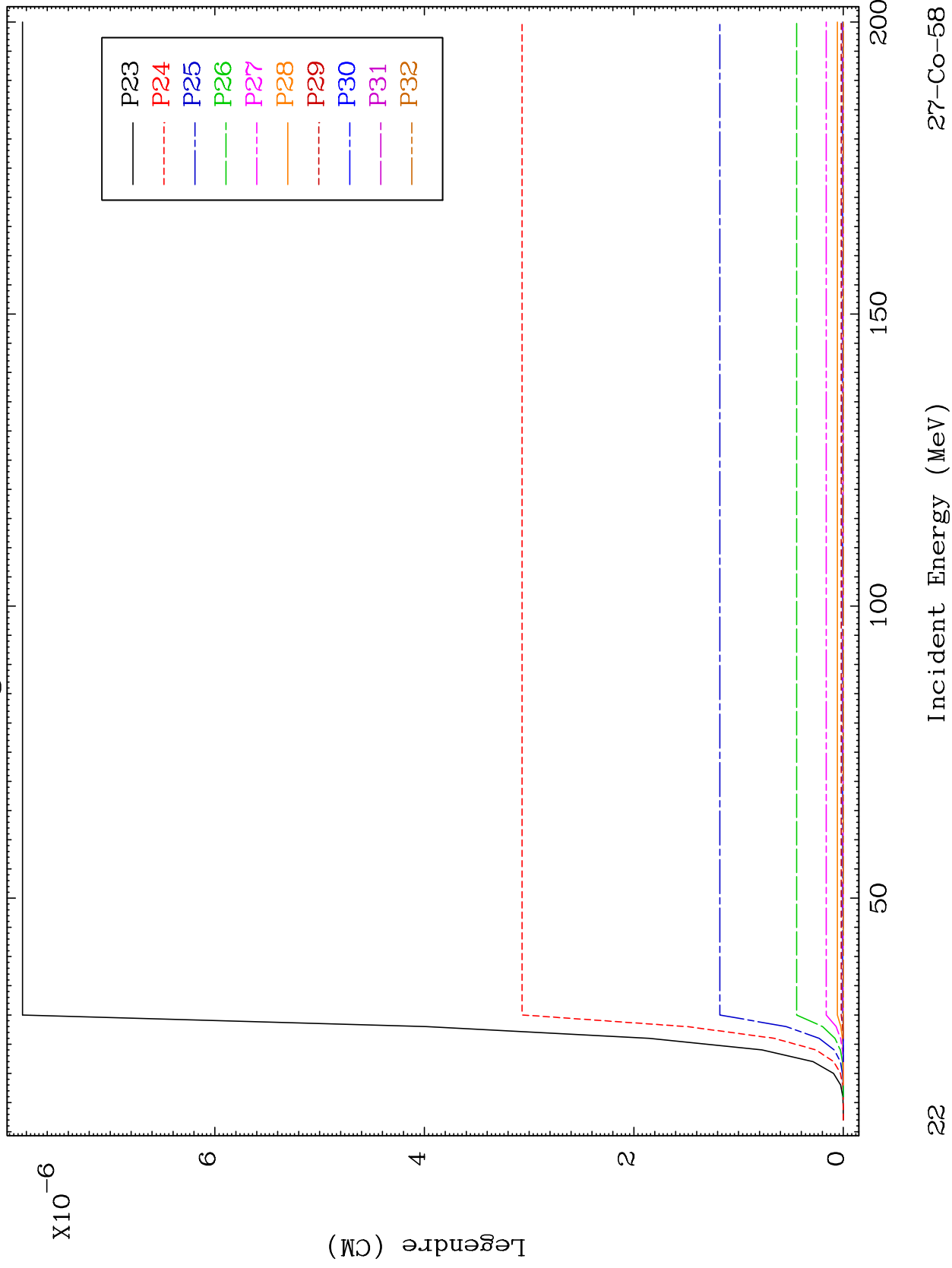
Incident Energy (MeV)

27-Co-58

MAT 2722

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

27-Co-58



27-Co-58

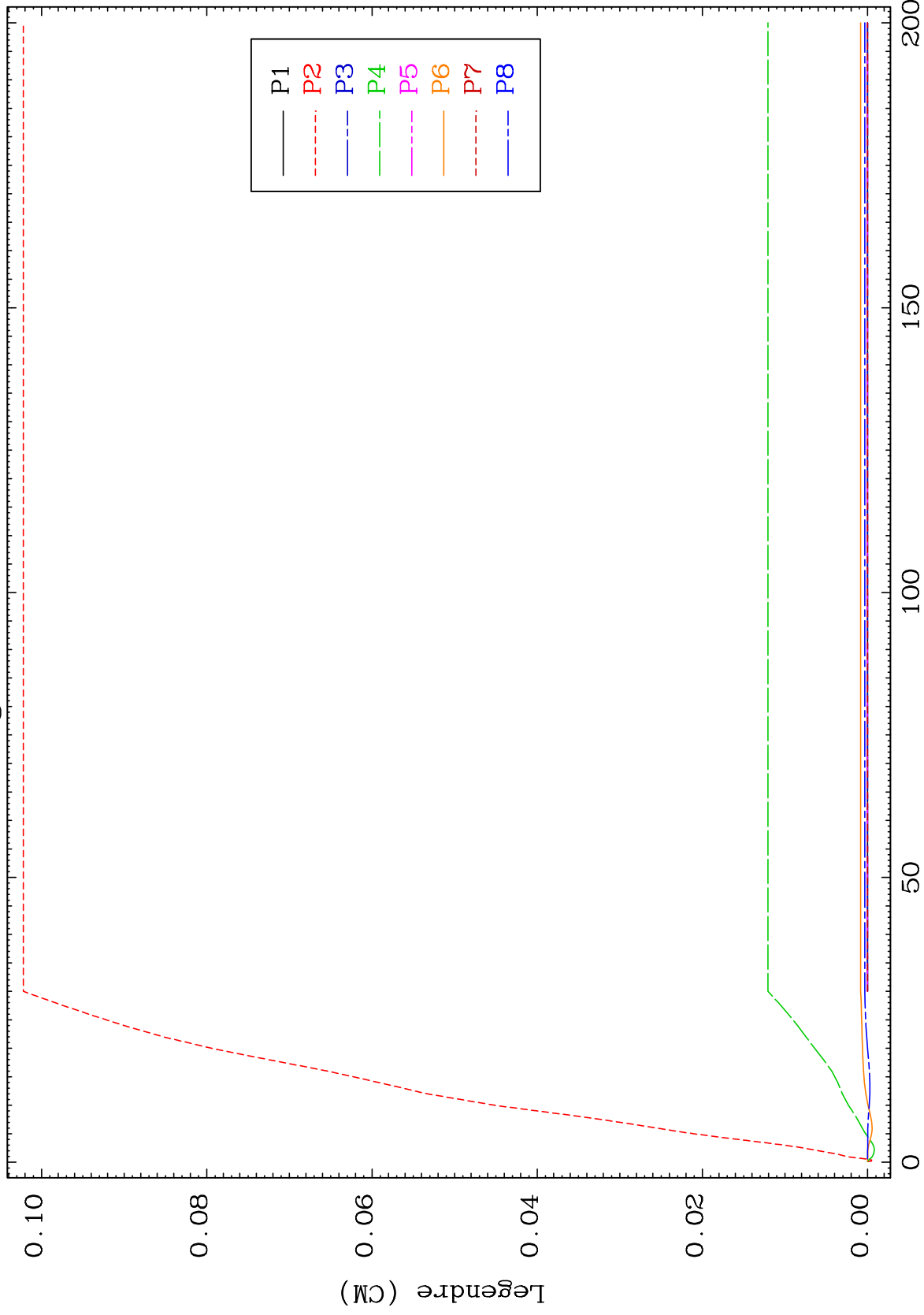
Incident Energy (MeV)

22

MAT 2722

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

27-Co-58



23

Incident Energy (MeV)

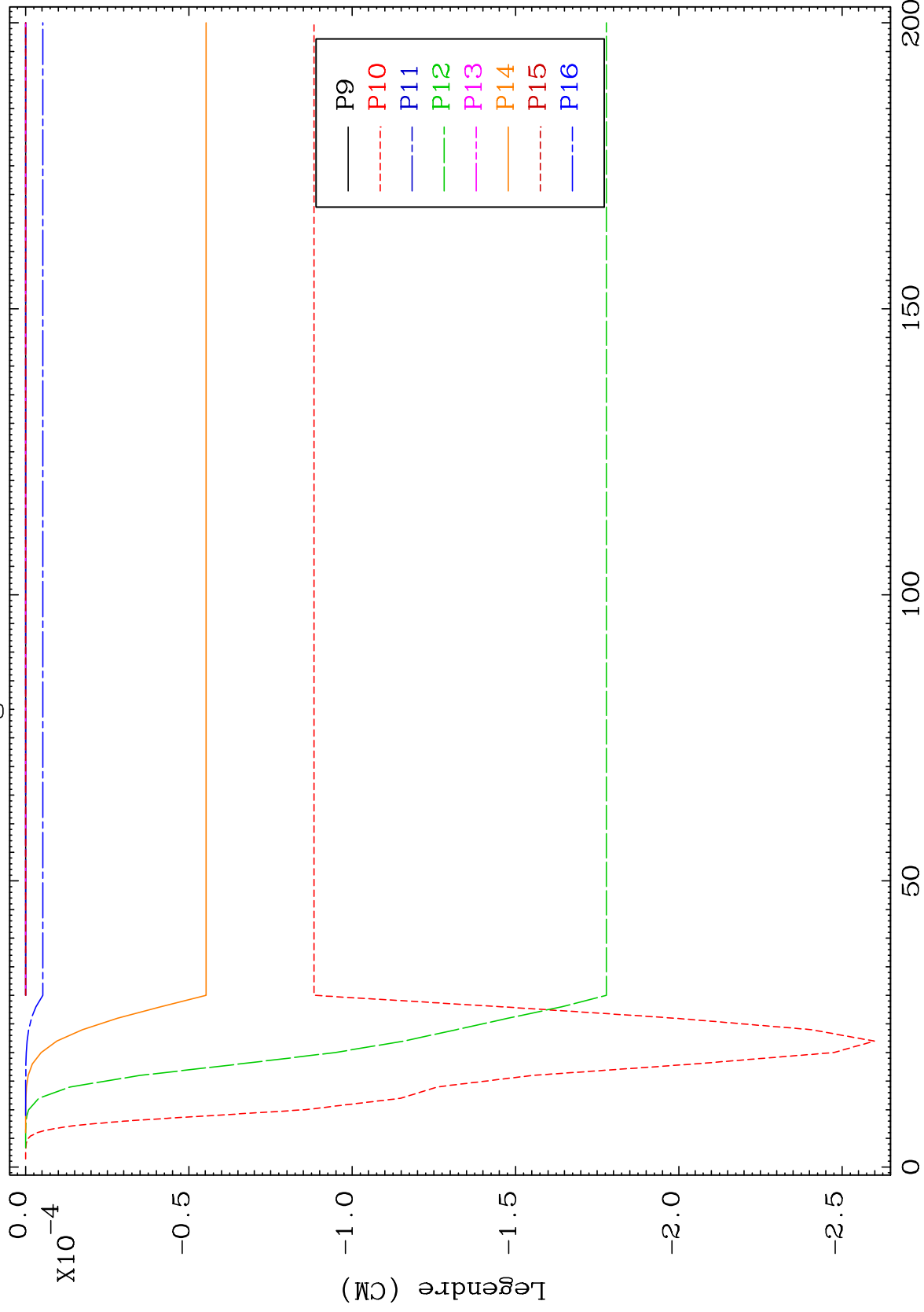
27-Co-58



MAT 2722

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

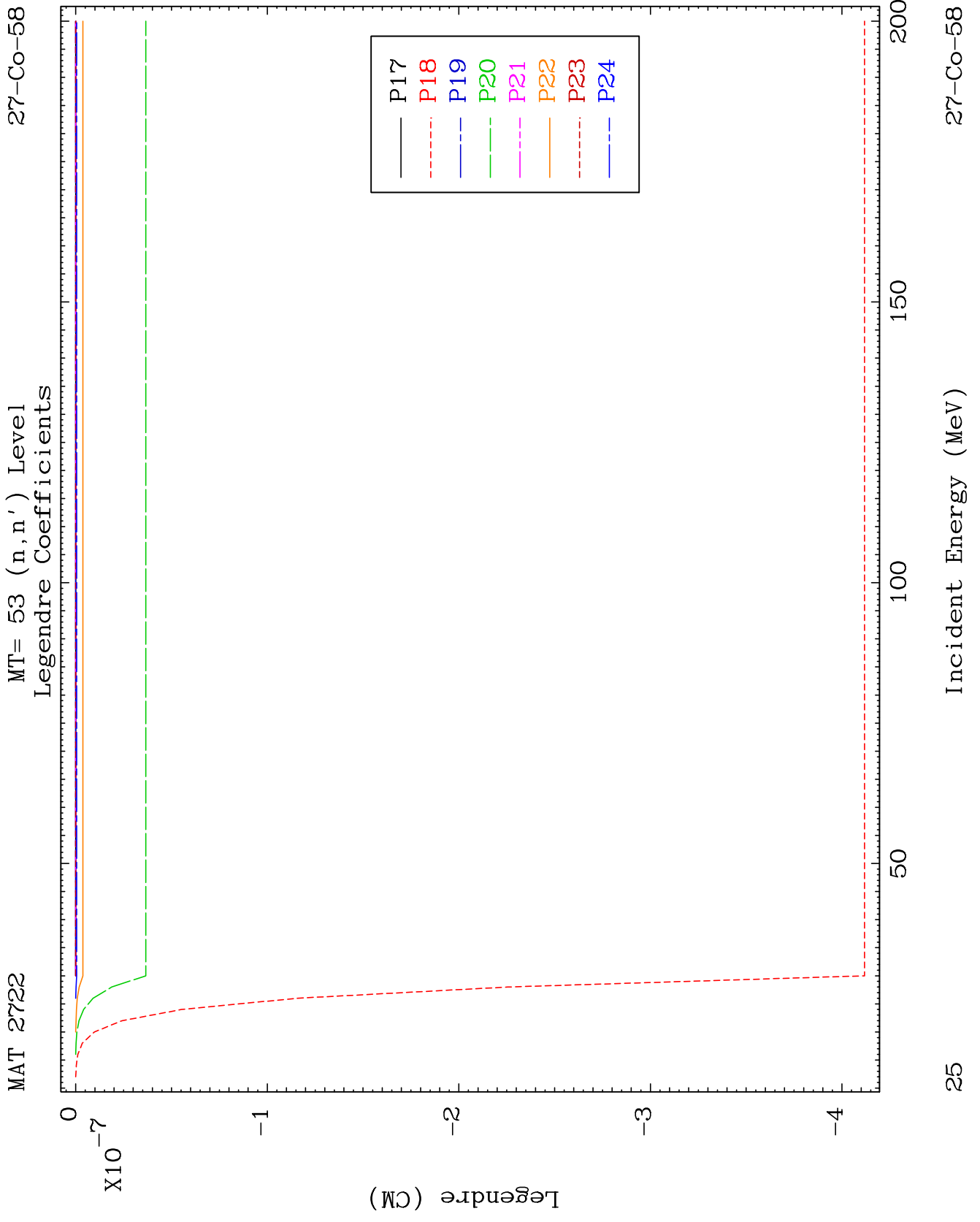
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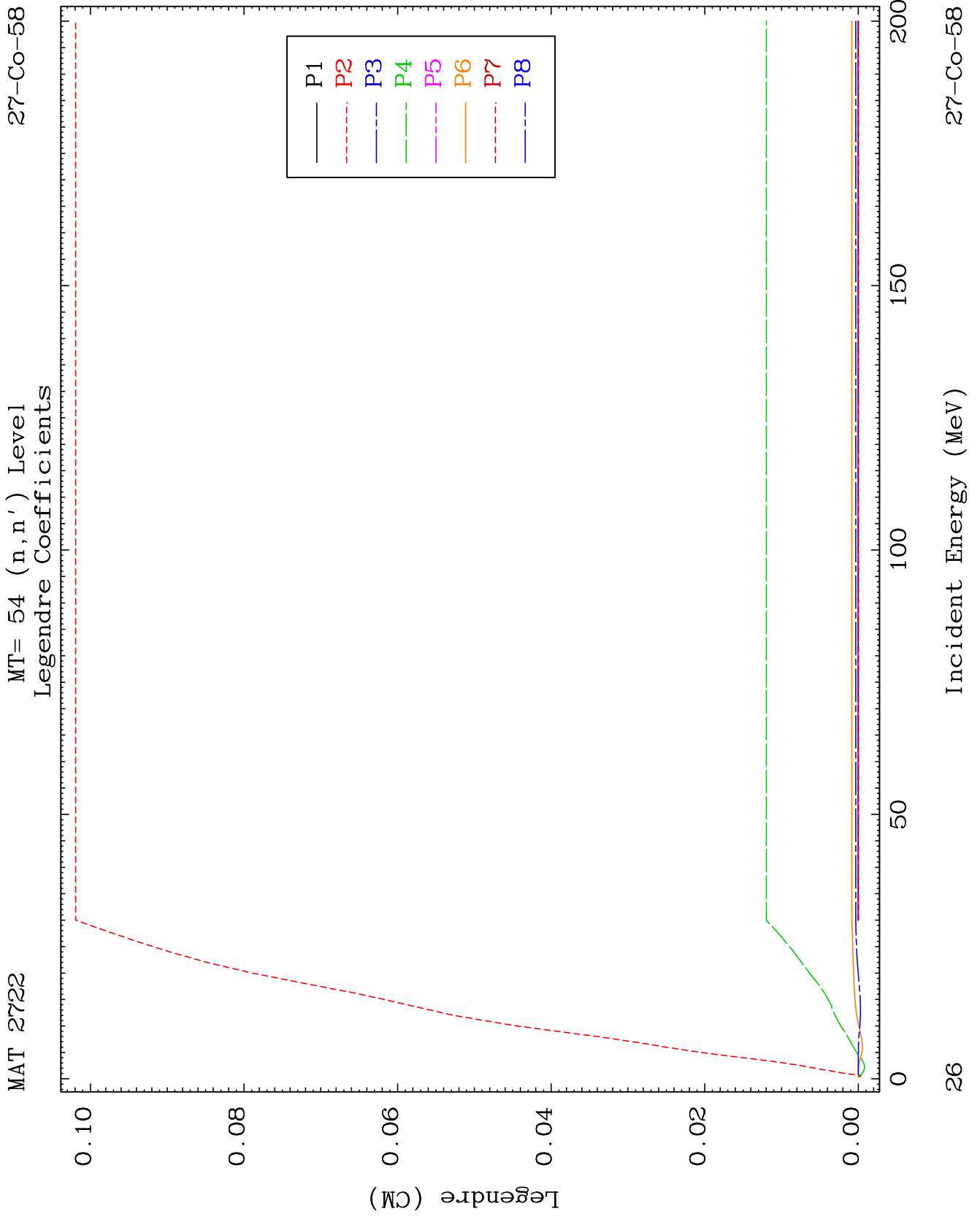


24

Incident Energy (MeV)

27-Co-58

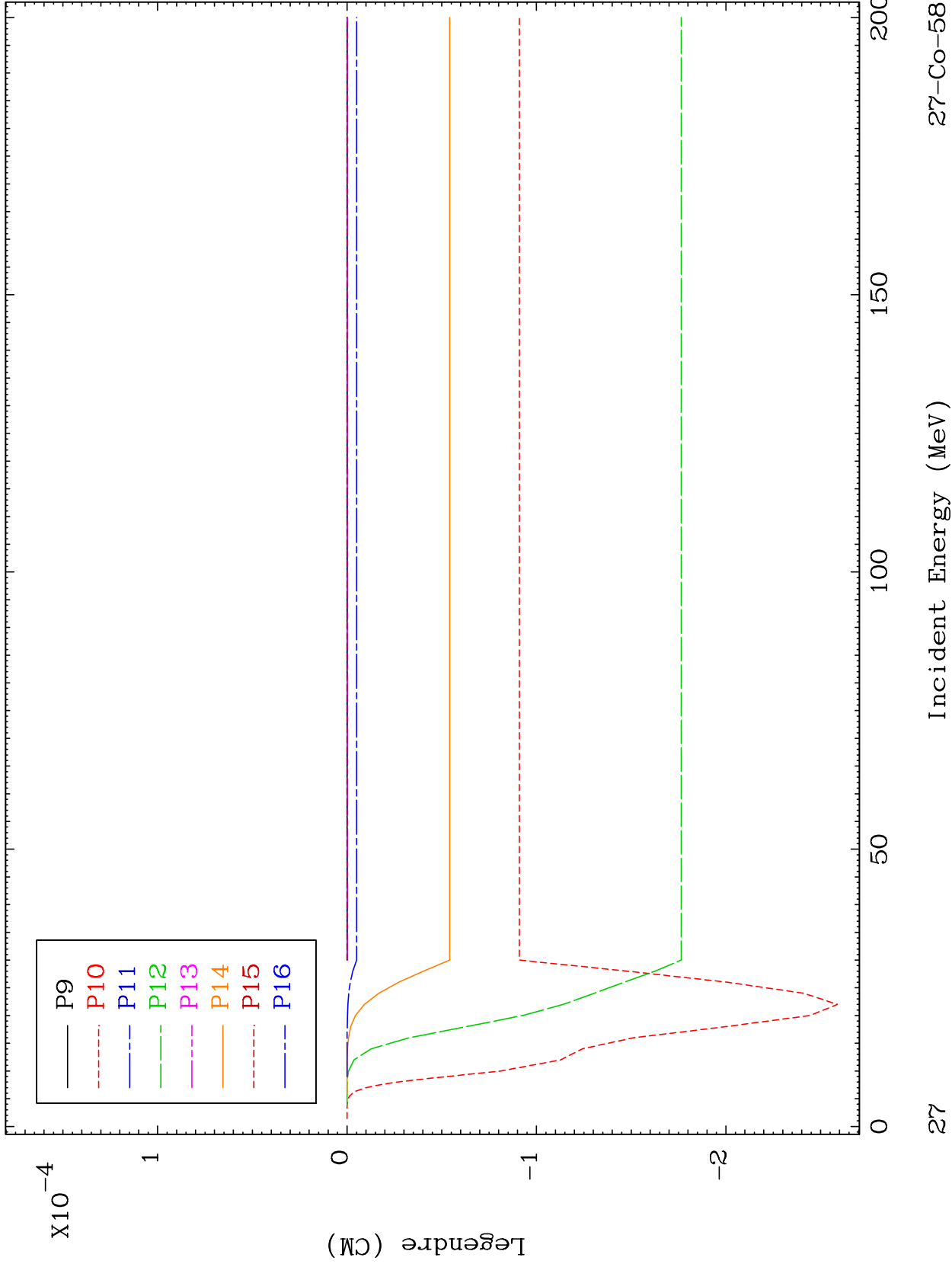




MAT 2722

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

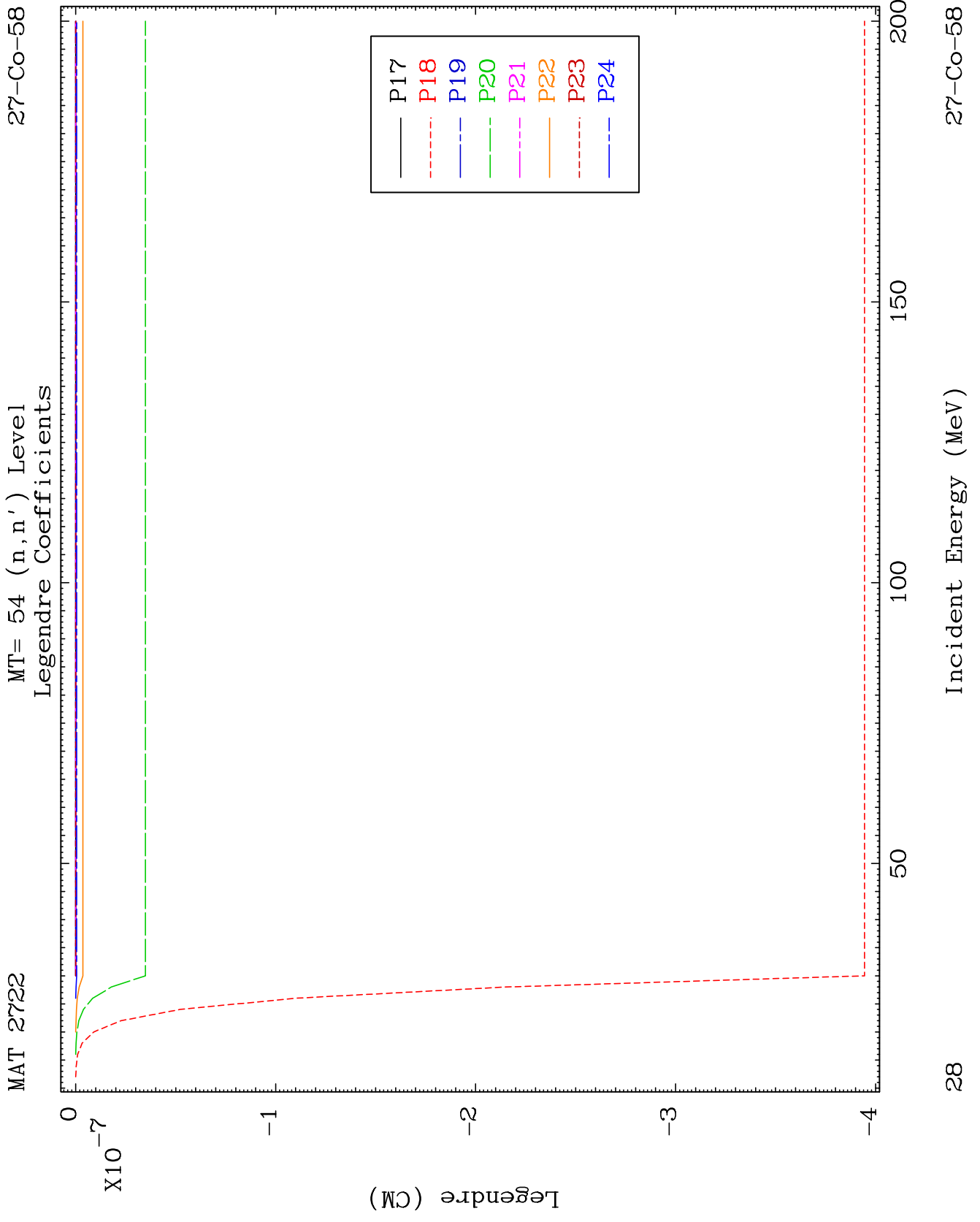
27-Co-58



27

Incident Energy (MeV)

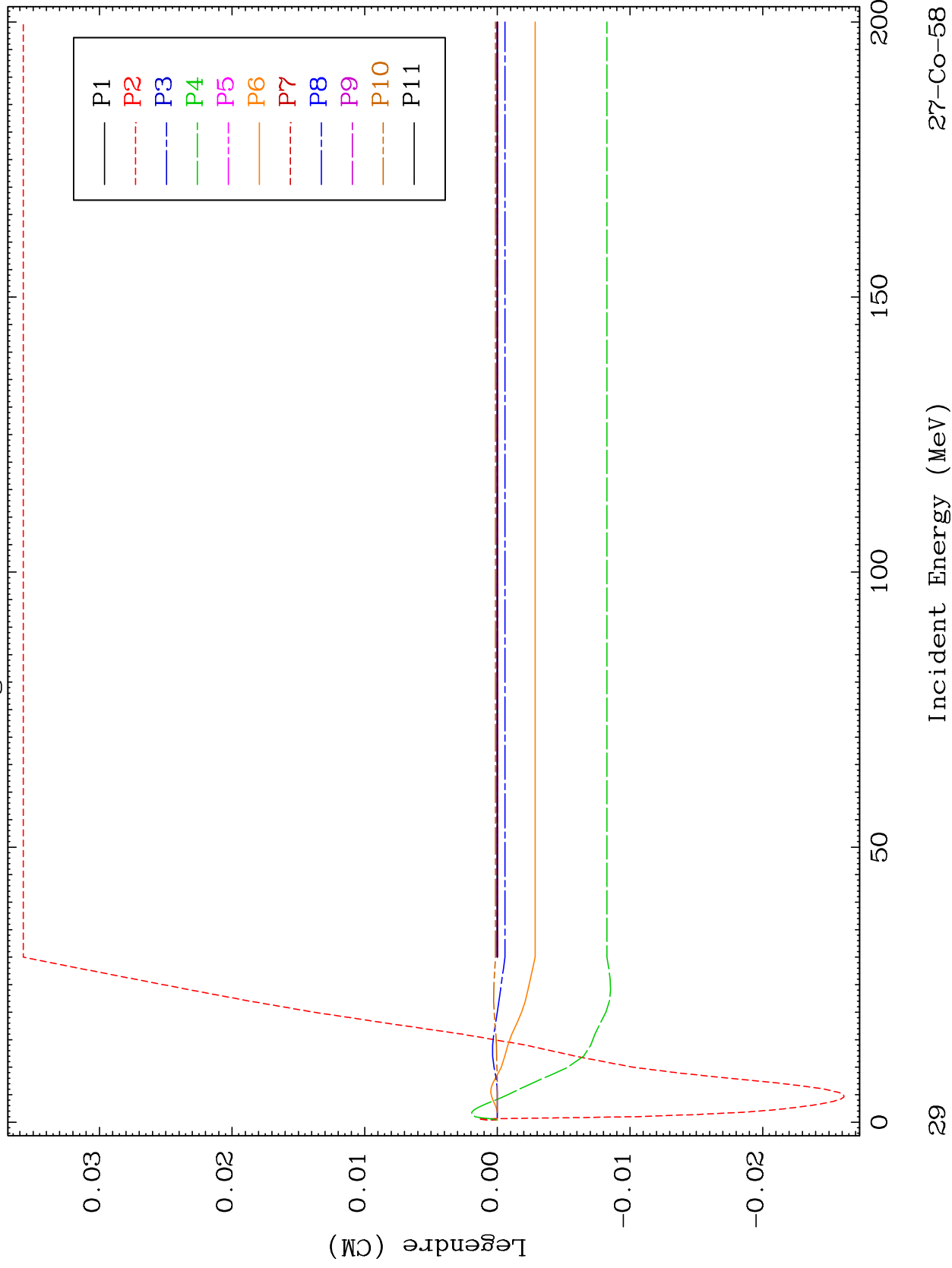
27-Co-58



MAT 2722

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

27-Co-58



29

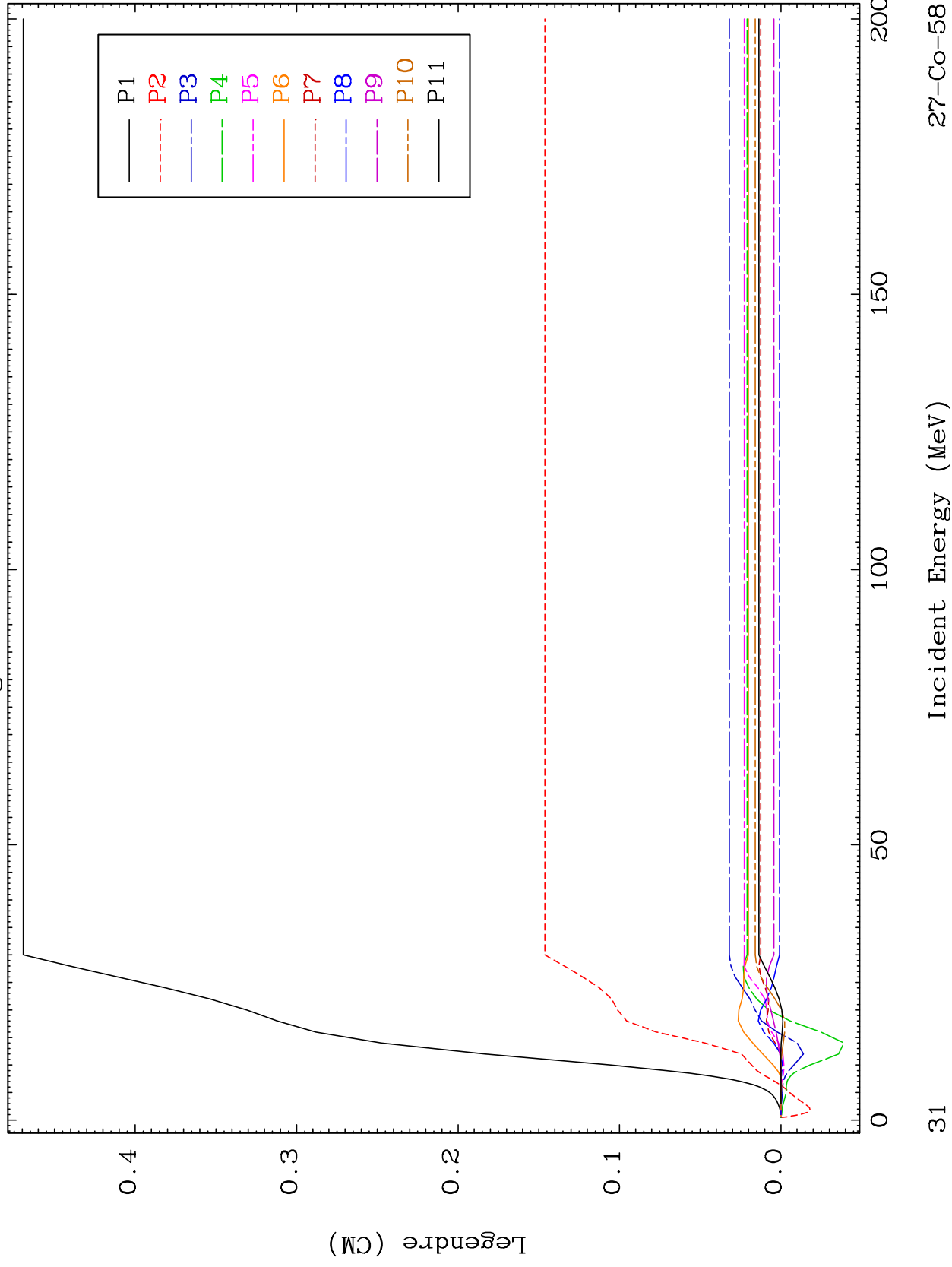
200



MAT 2722

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

27-Co-58

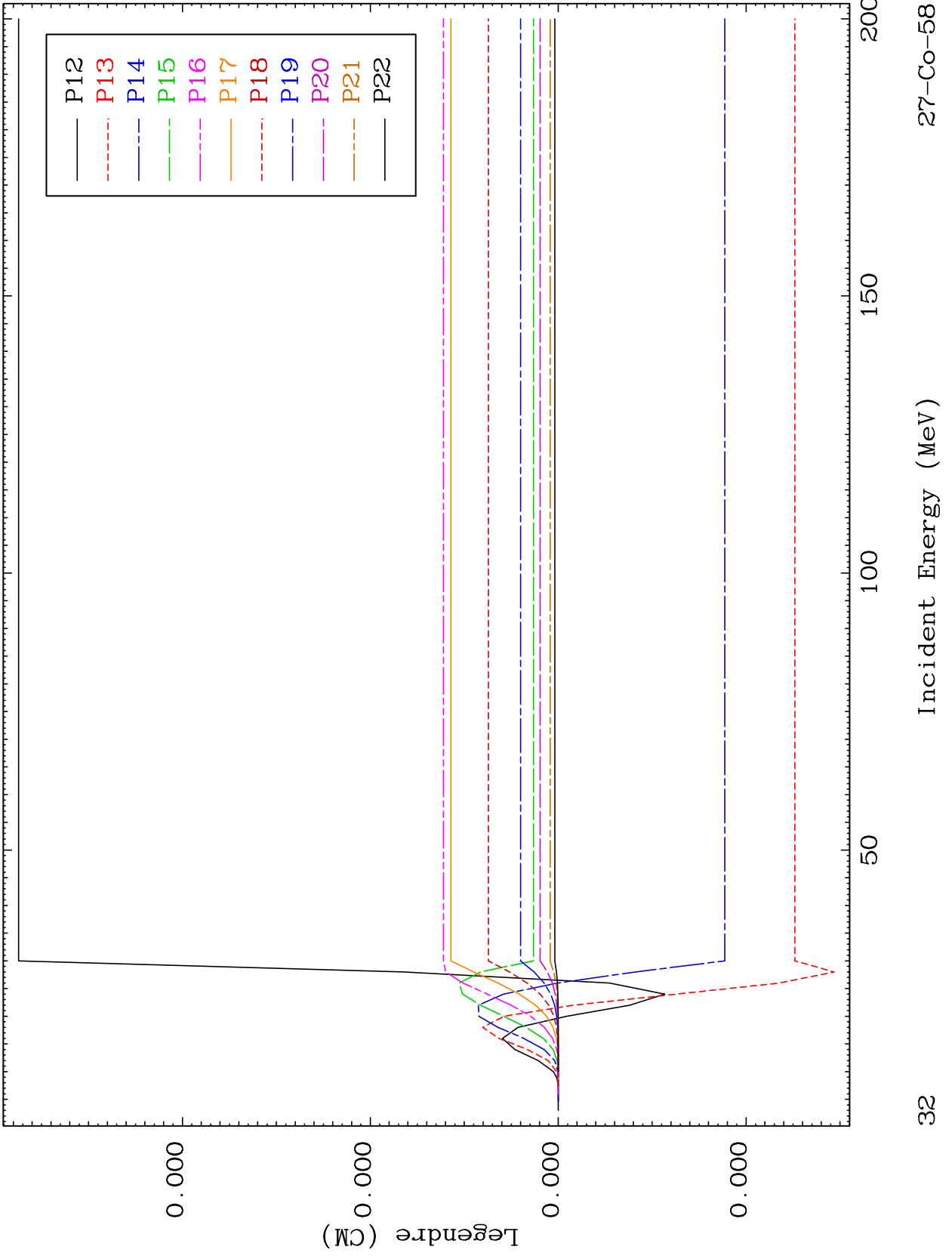




MAT 2722

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

27-Co-58



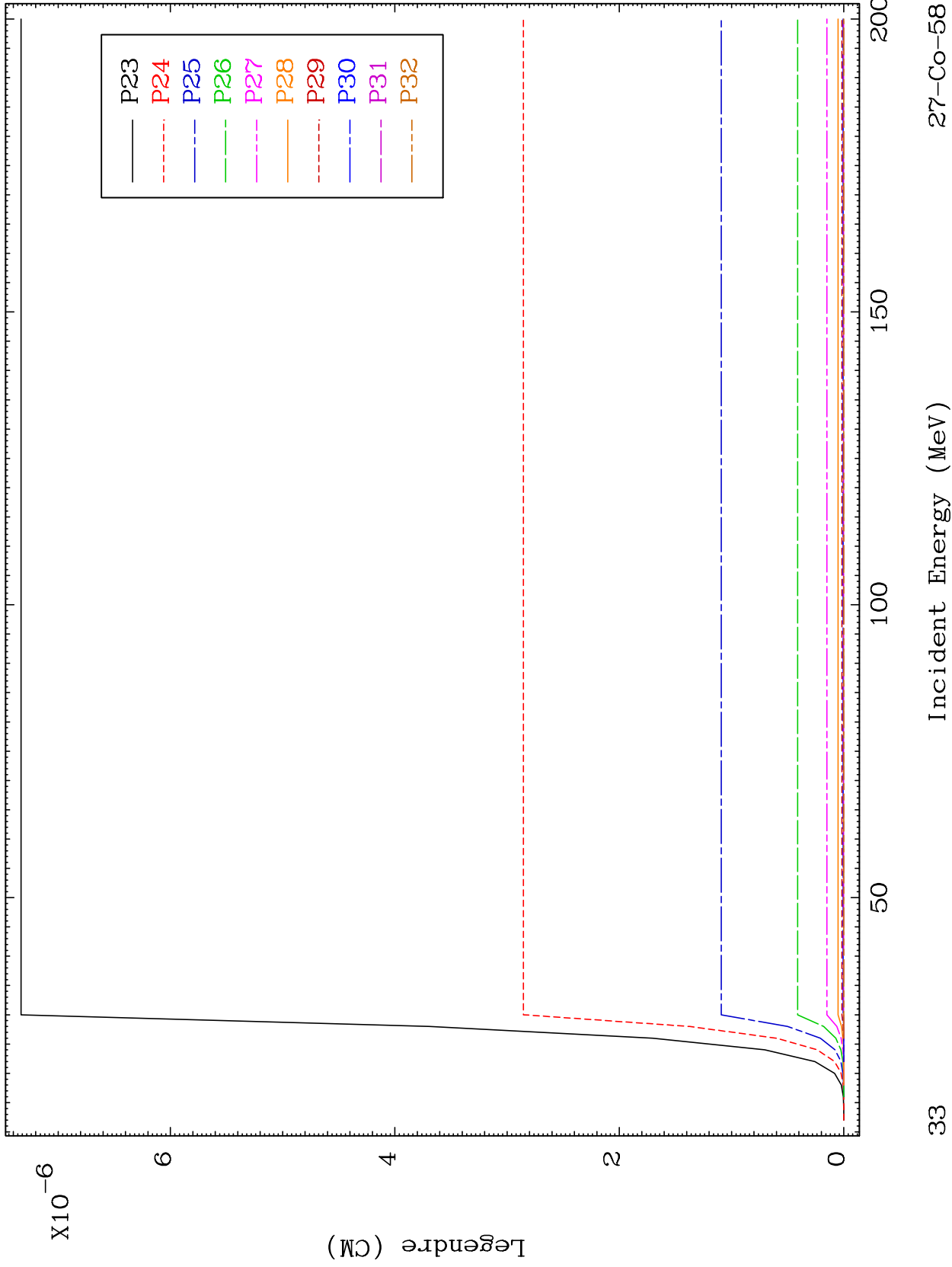
32

27-Co-58

MAT 2722

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

27-Co-58



33

Incident Energy (MeV)

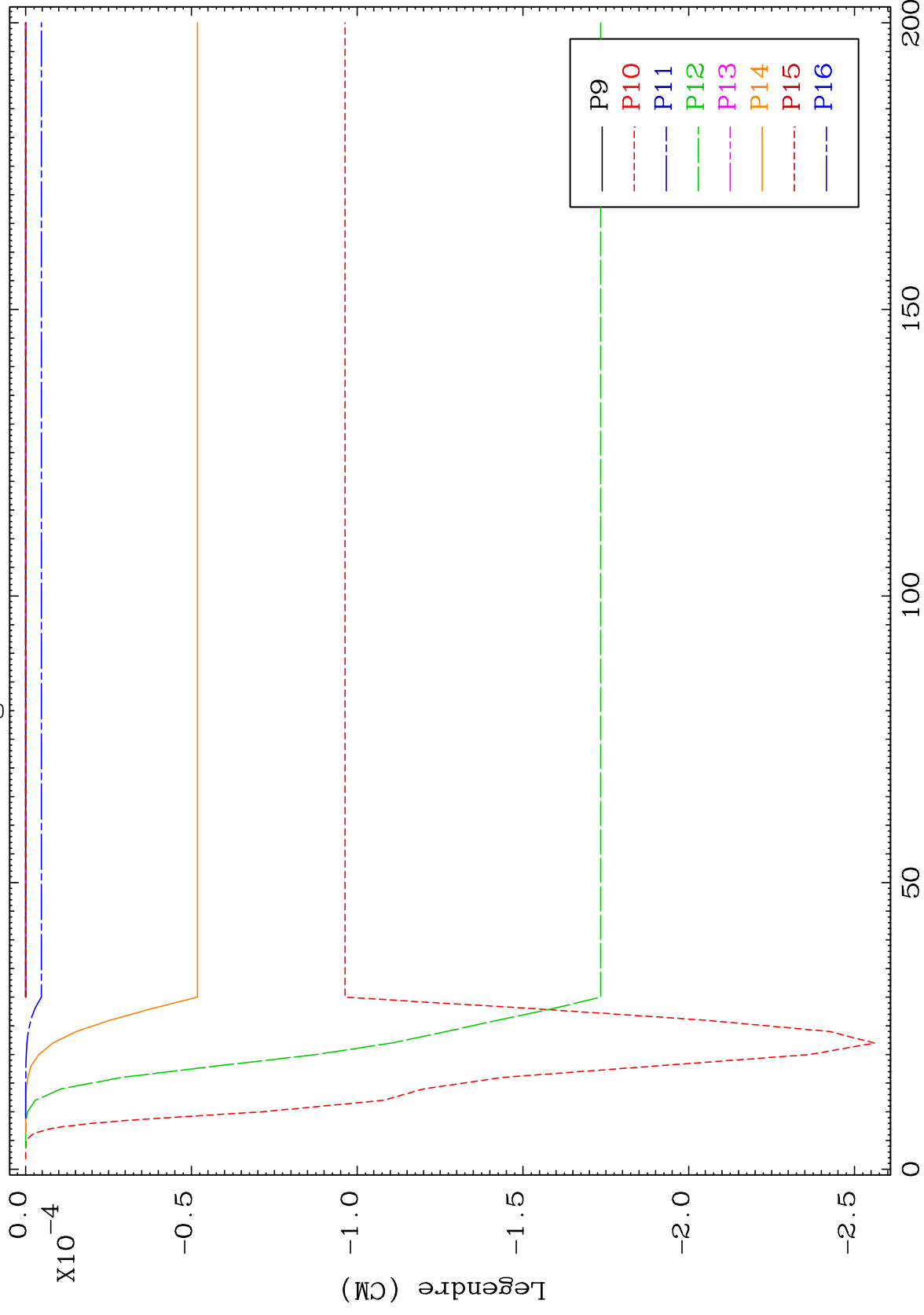
27-Co-58



MAT 2722

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

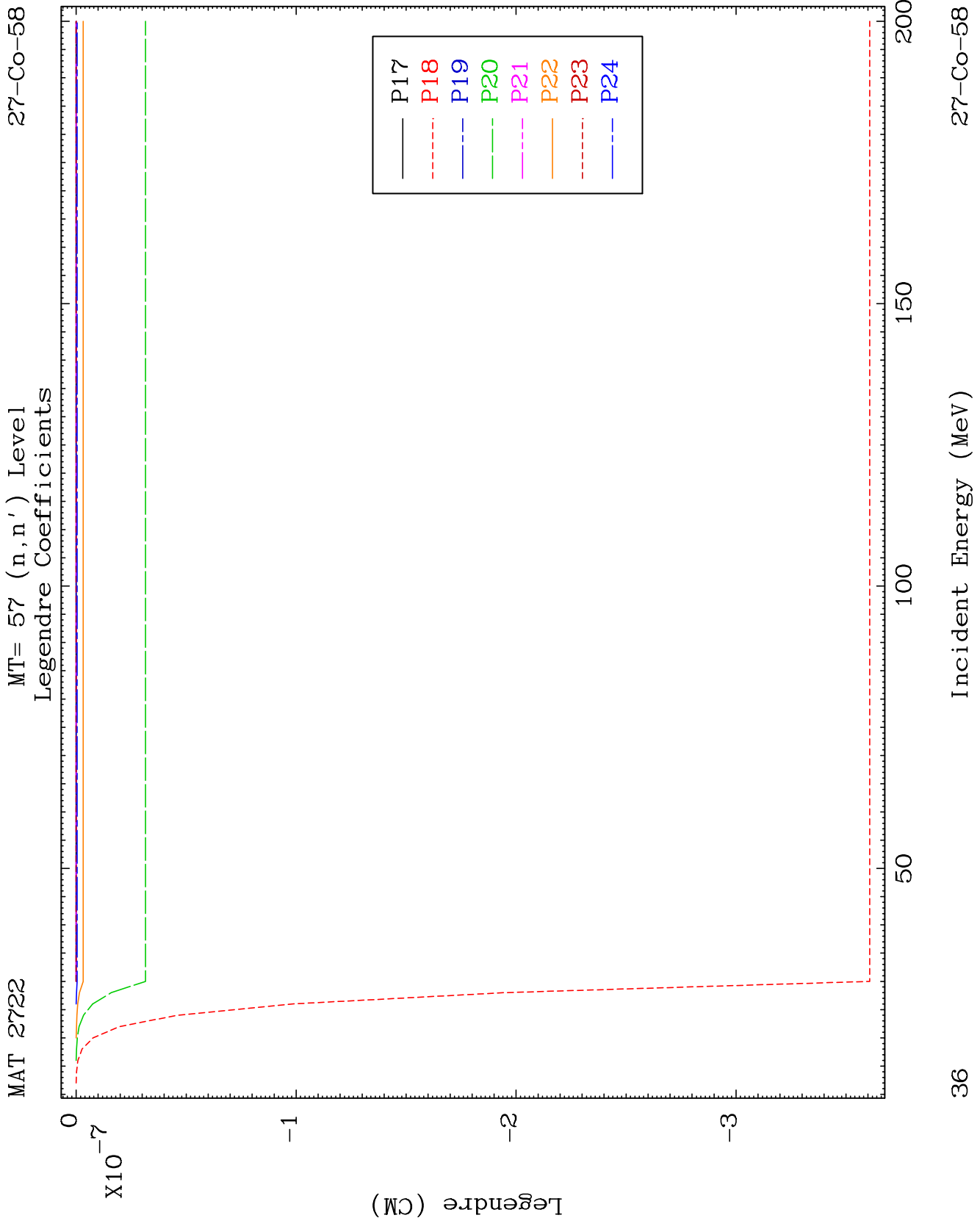
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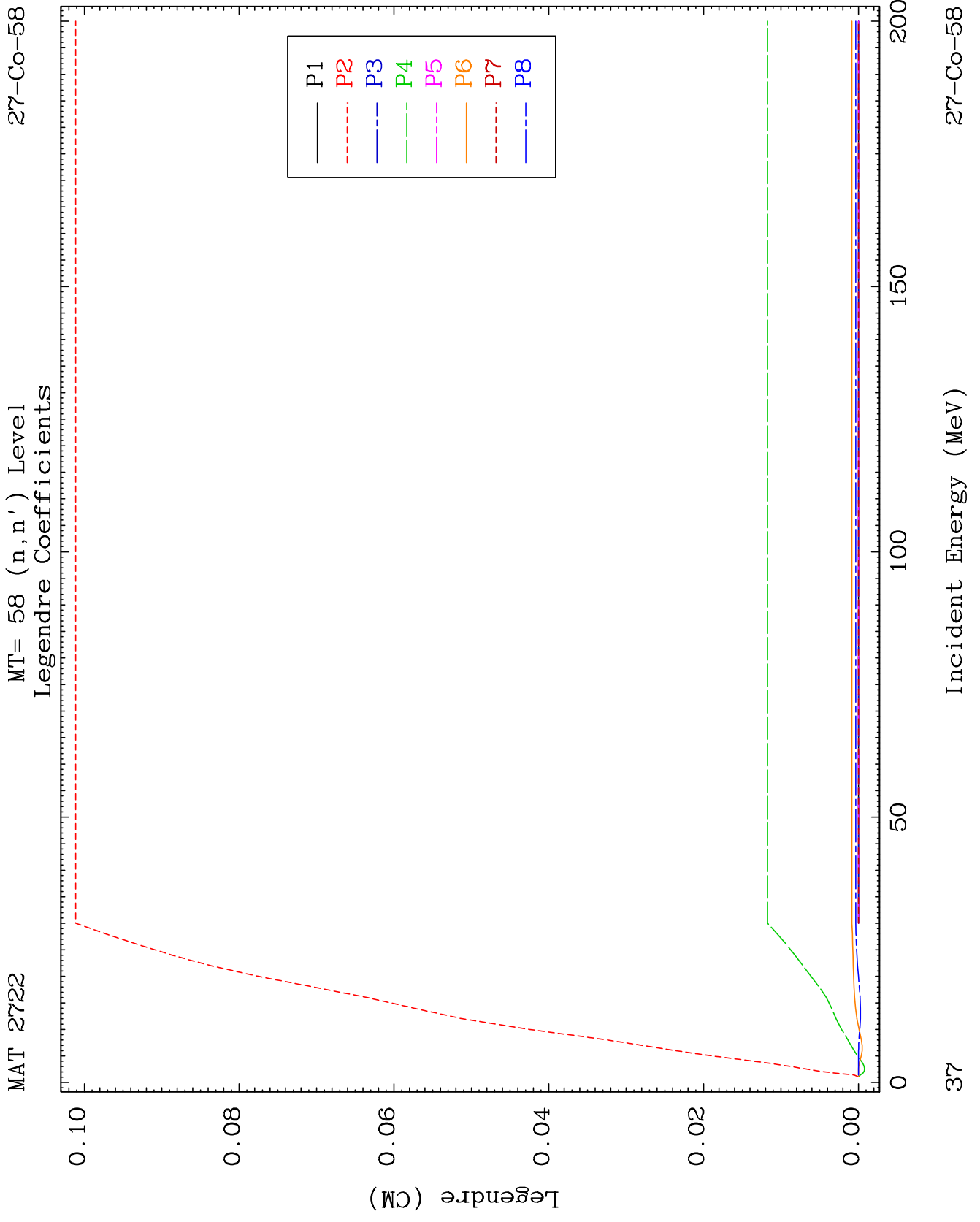


27-Co-58

Incident Energy (MeV)

35

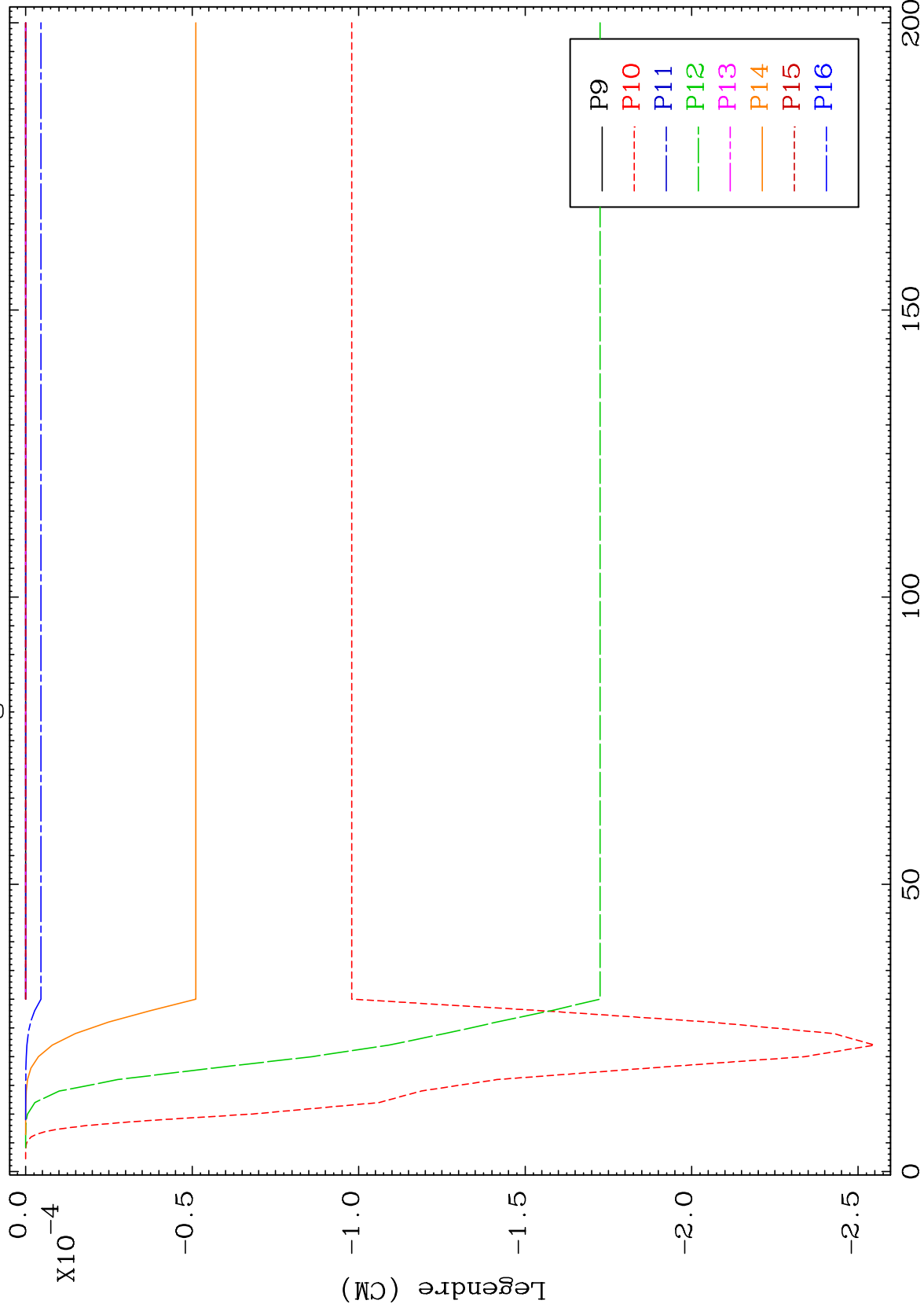




MAT 2722

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Legendre Coefficients

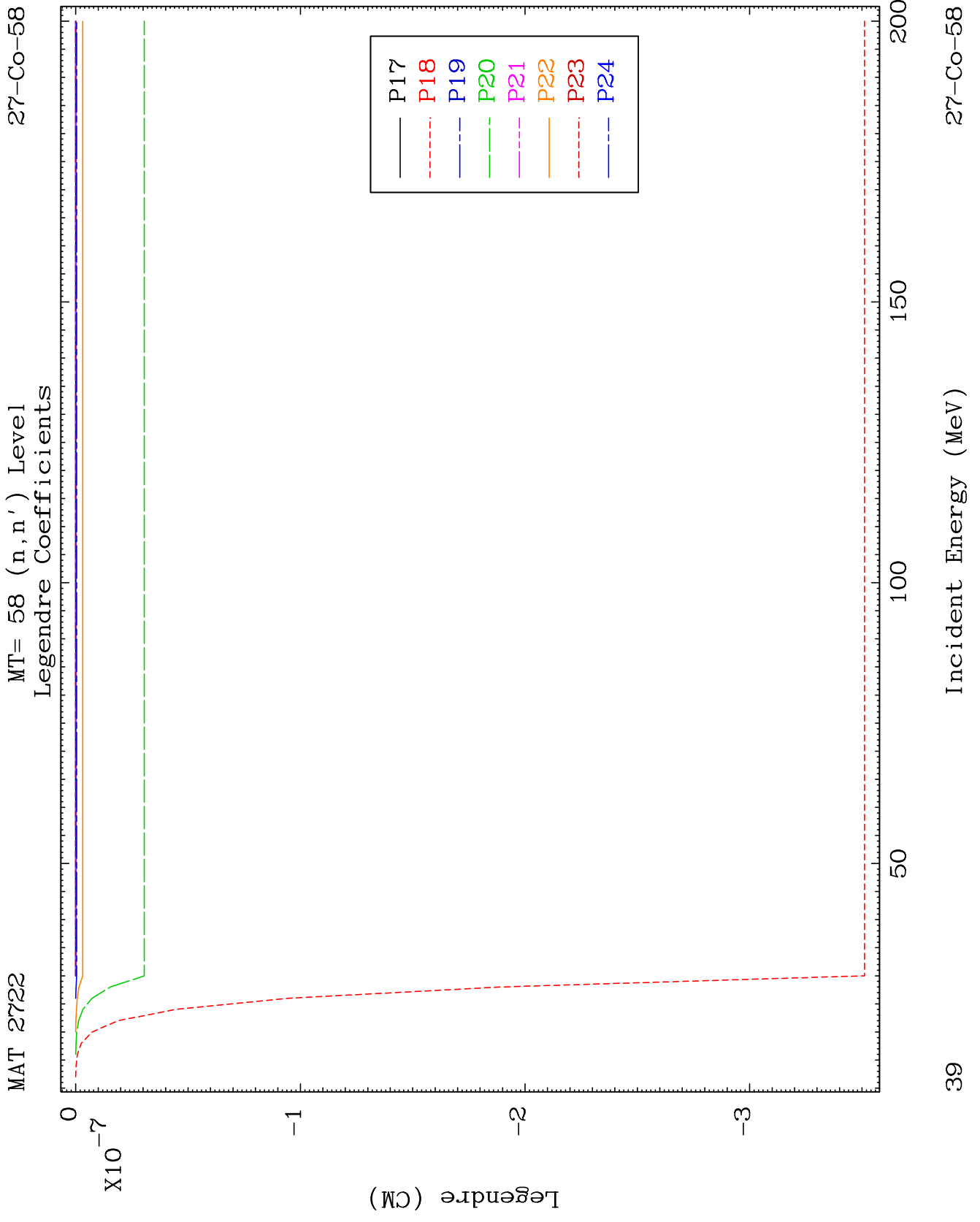
27-Co-58



27-Co-58

Incident Energy (MeV)

38



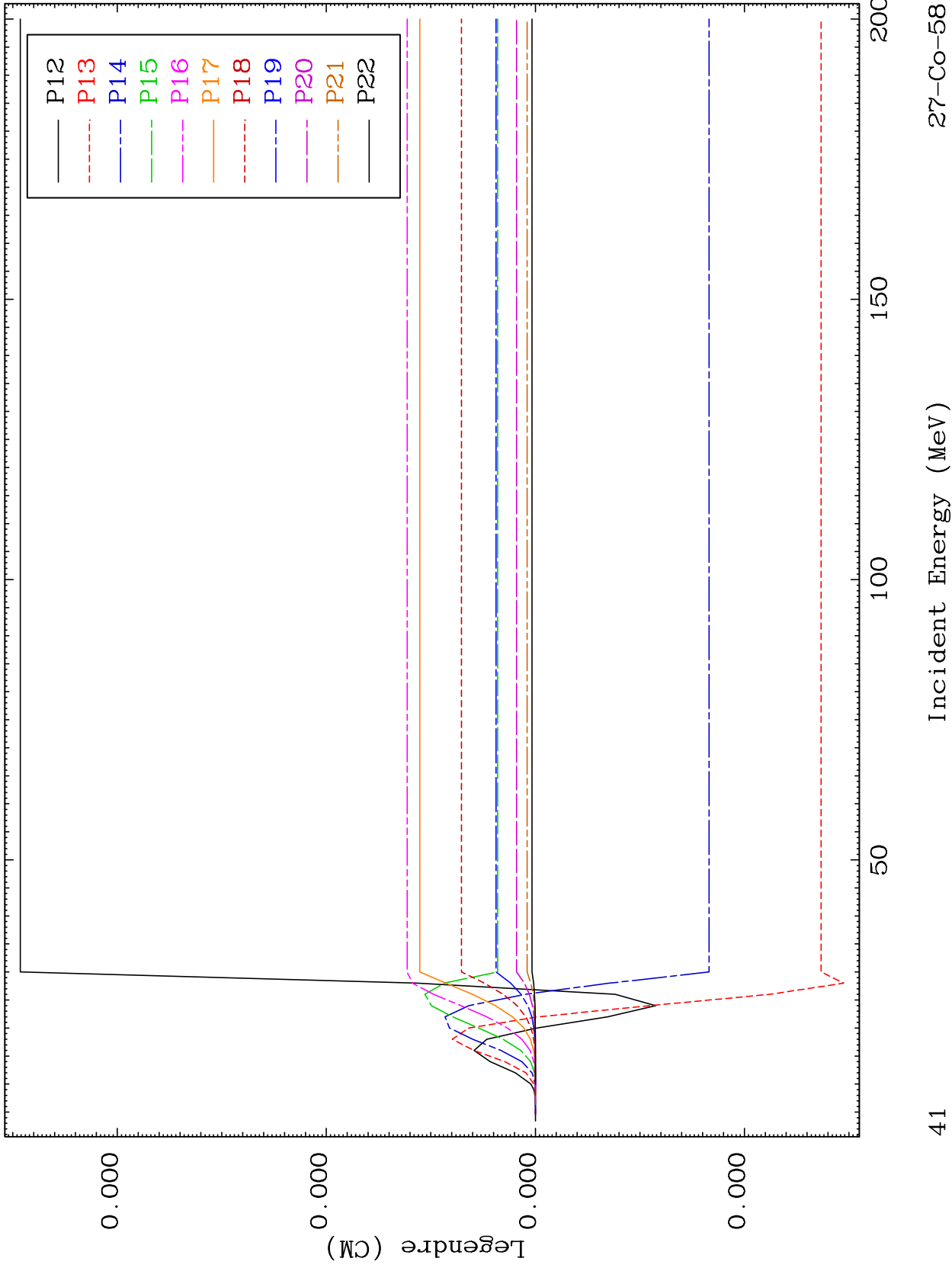




MAT 2722

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

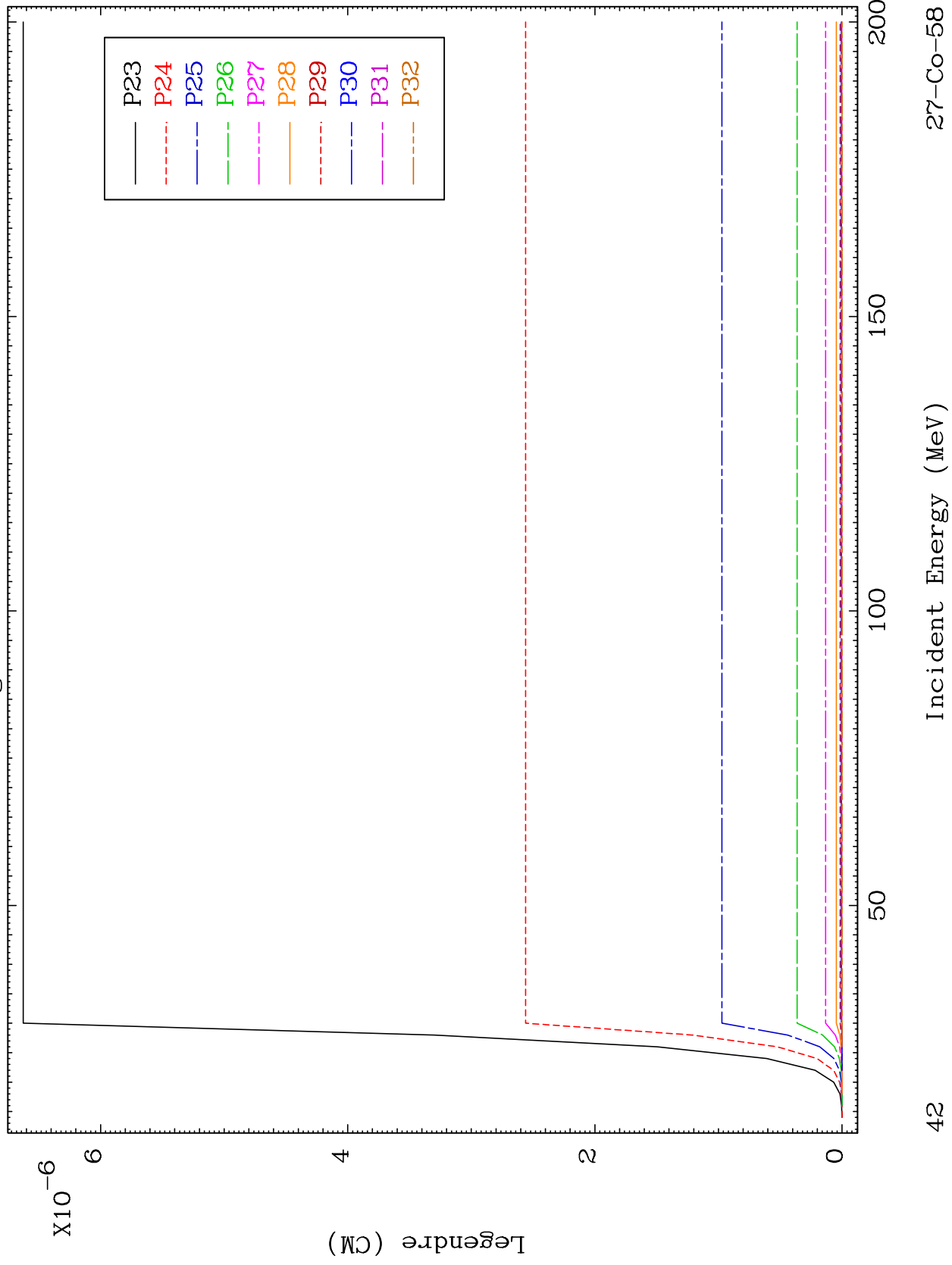
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MAT 2722

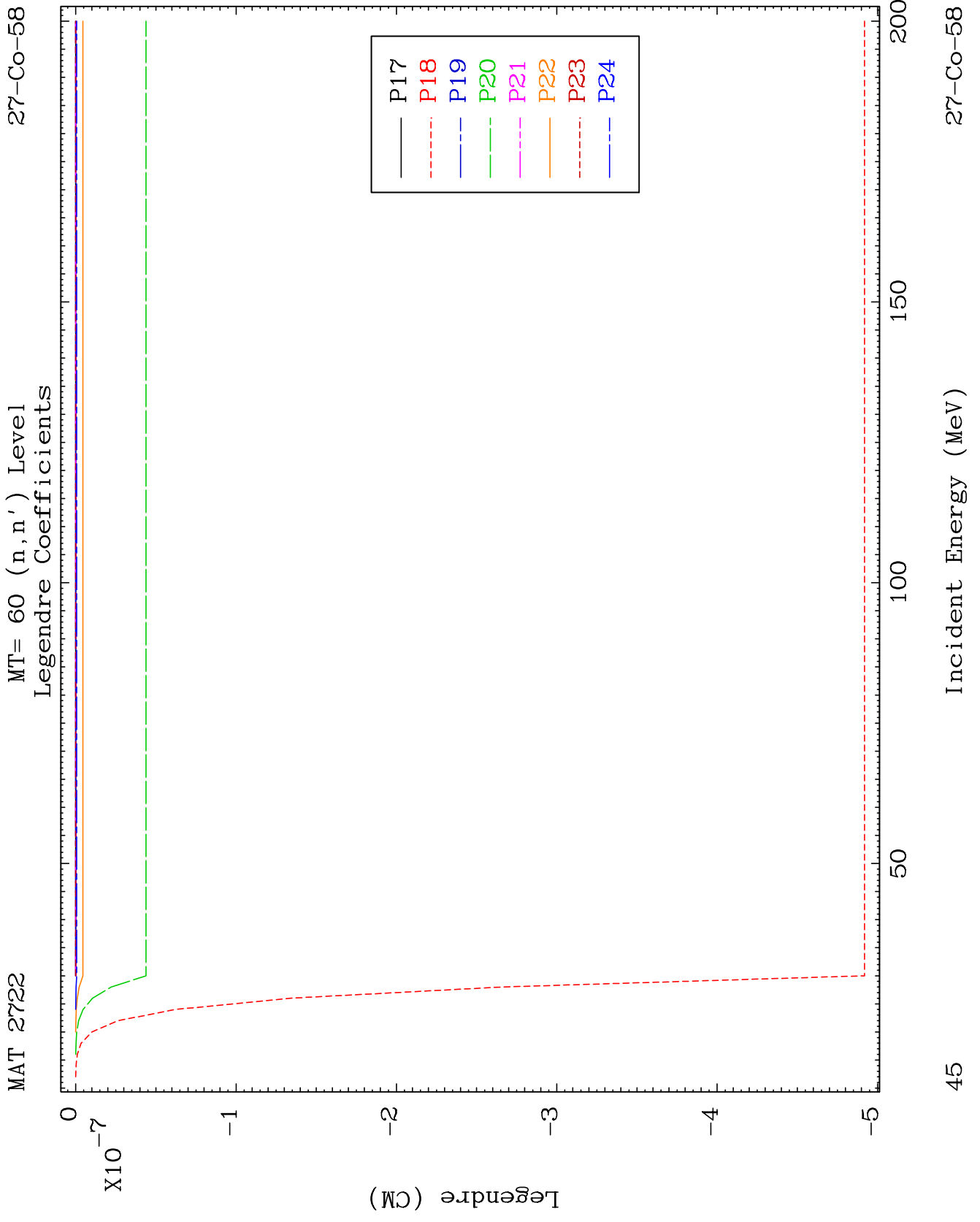
MT= 59 (n,n') Level  
Legendre Coefficients

27-Co-58







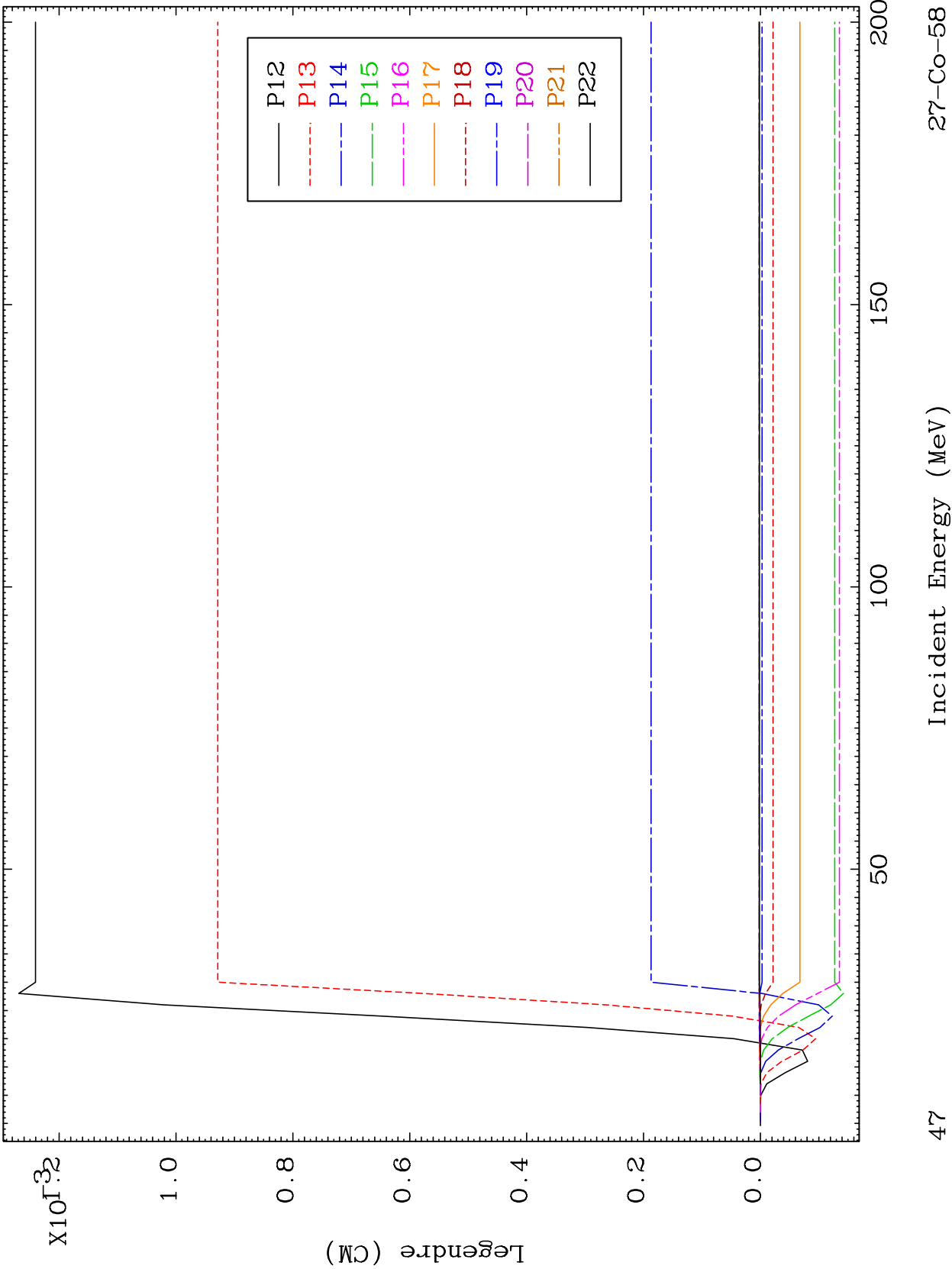




MAT 2722

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

27-Co-58



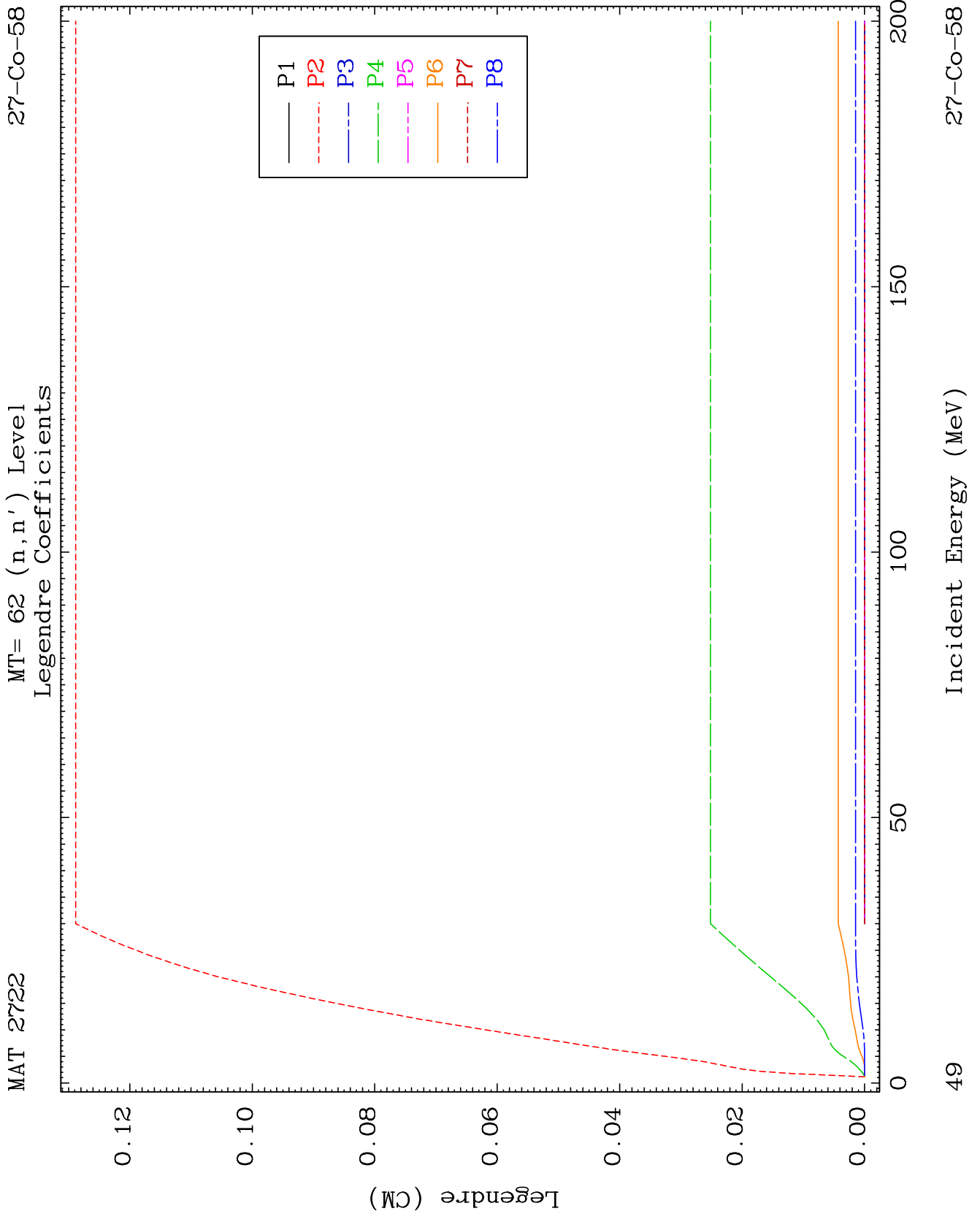
47

Incident Energy (MeV)

27-Co-58



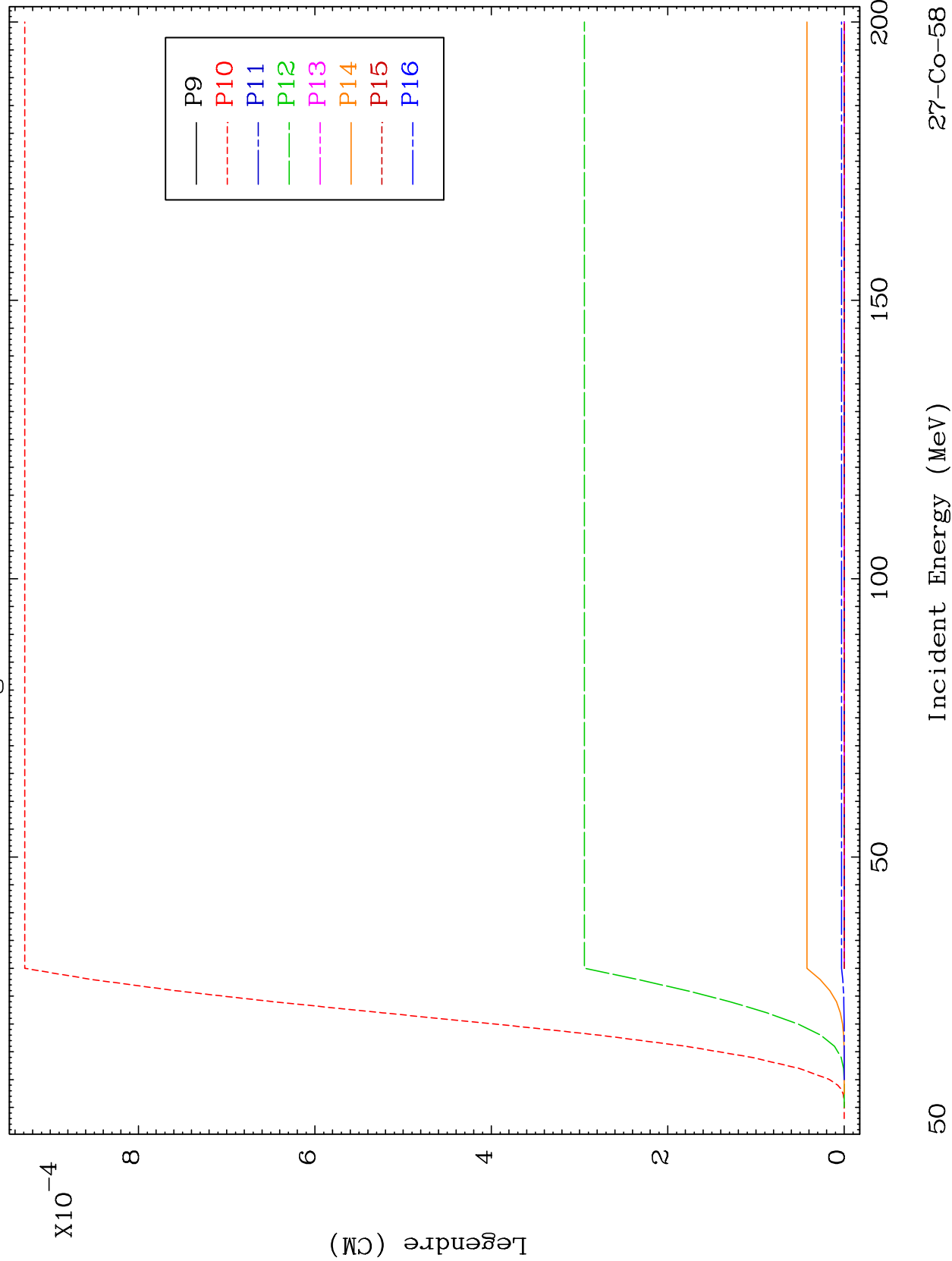


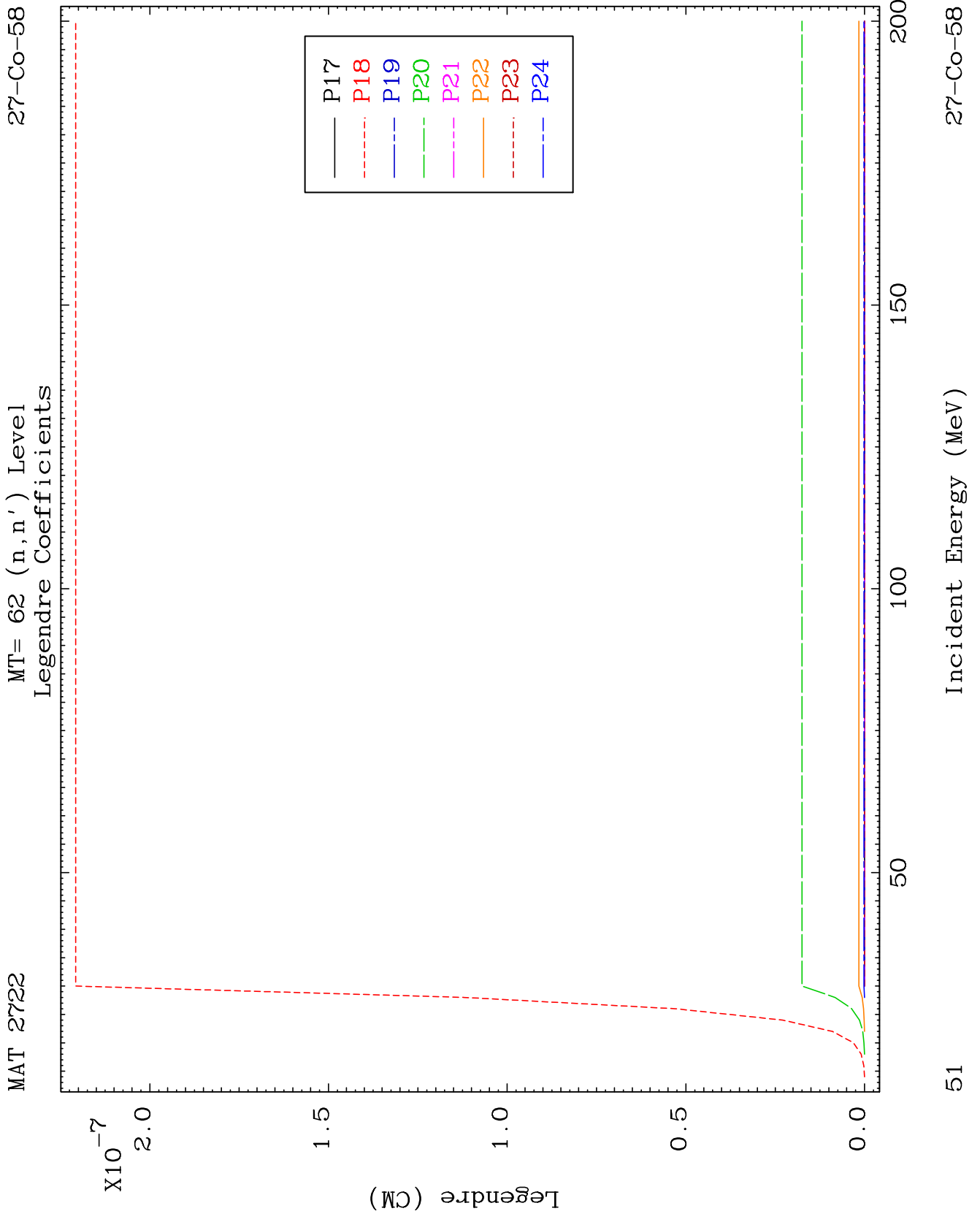


MAT 2722

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

27-Co-58

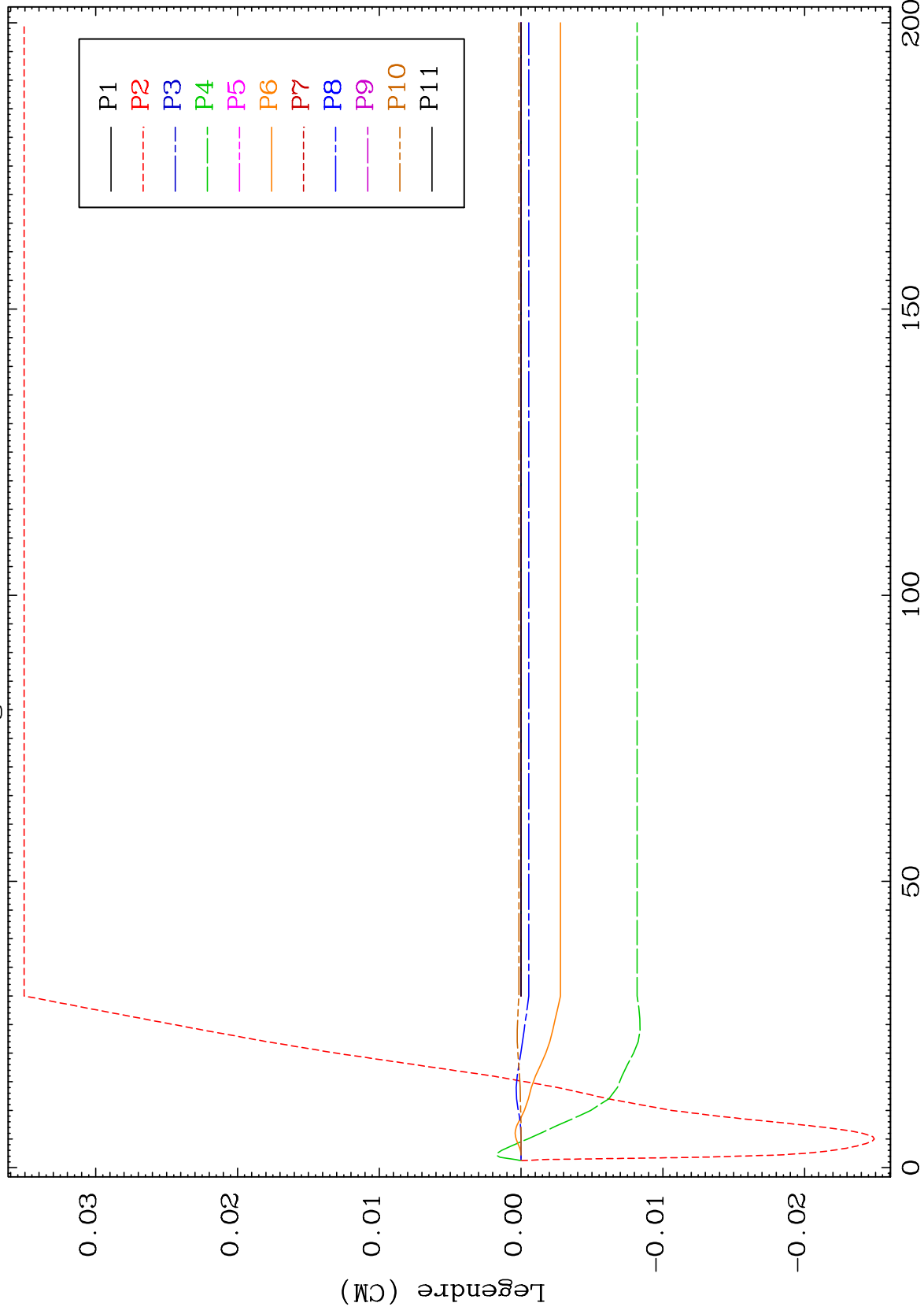




MAT 2722

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

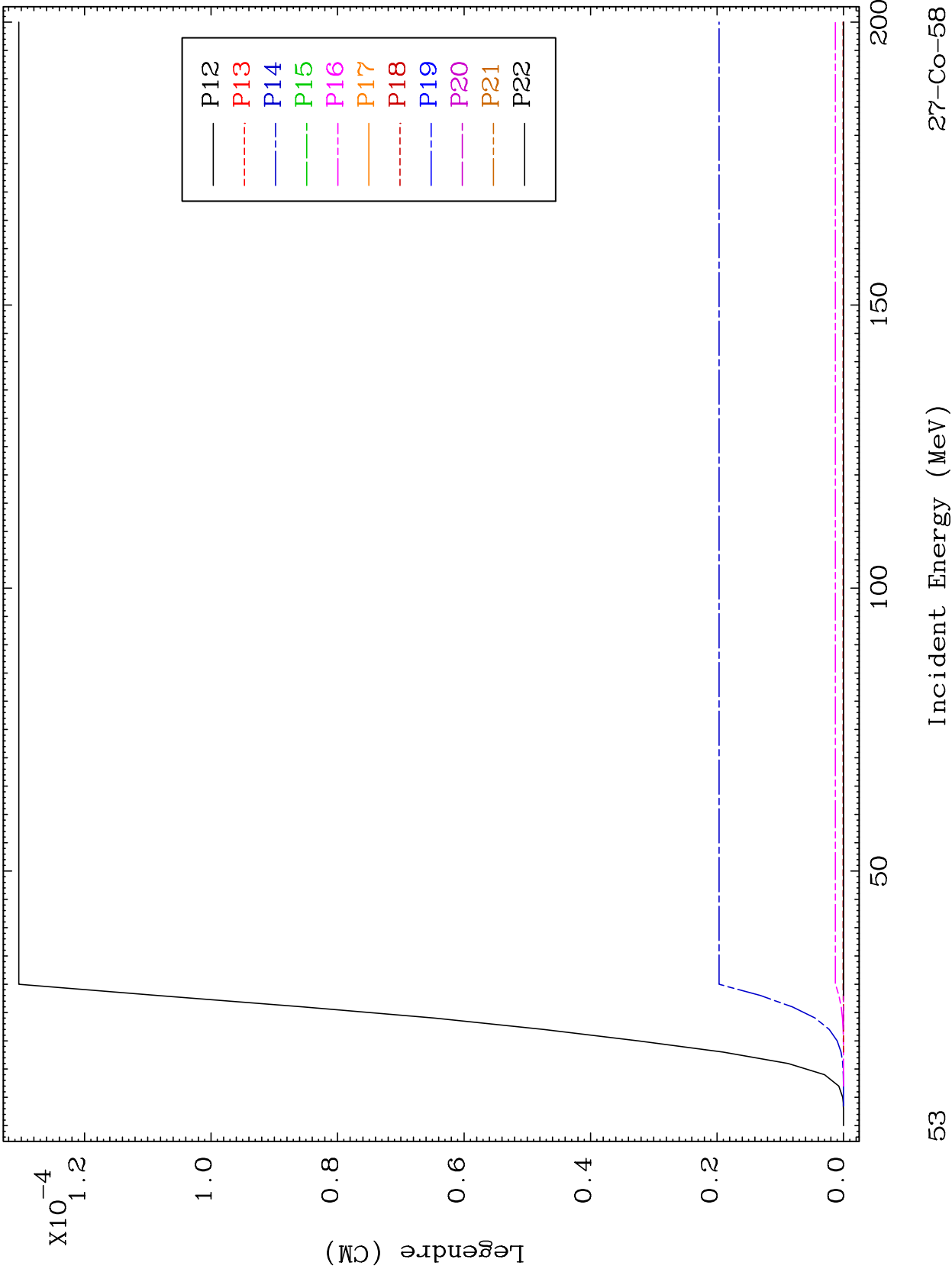
27-Co-58



52

Incident Energy (MeV)

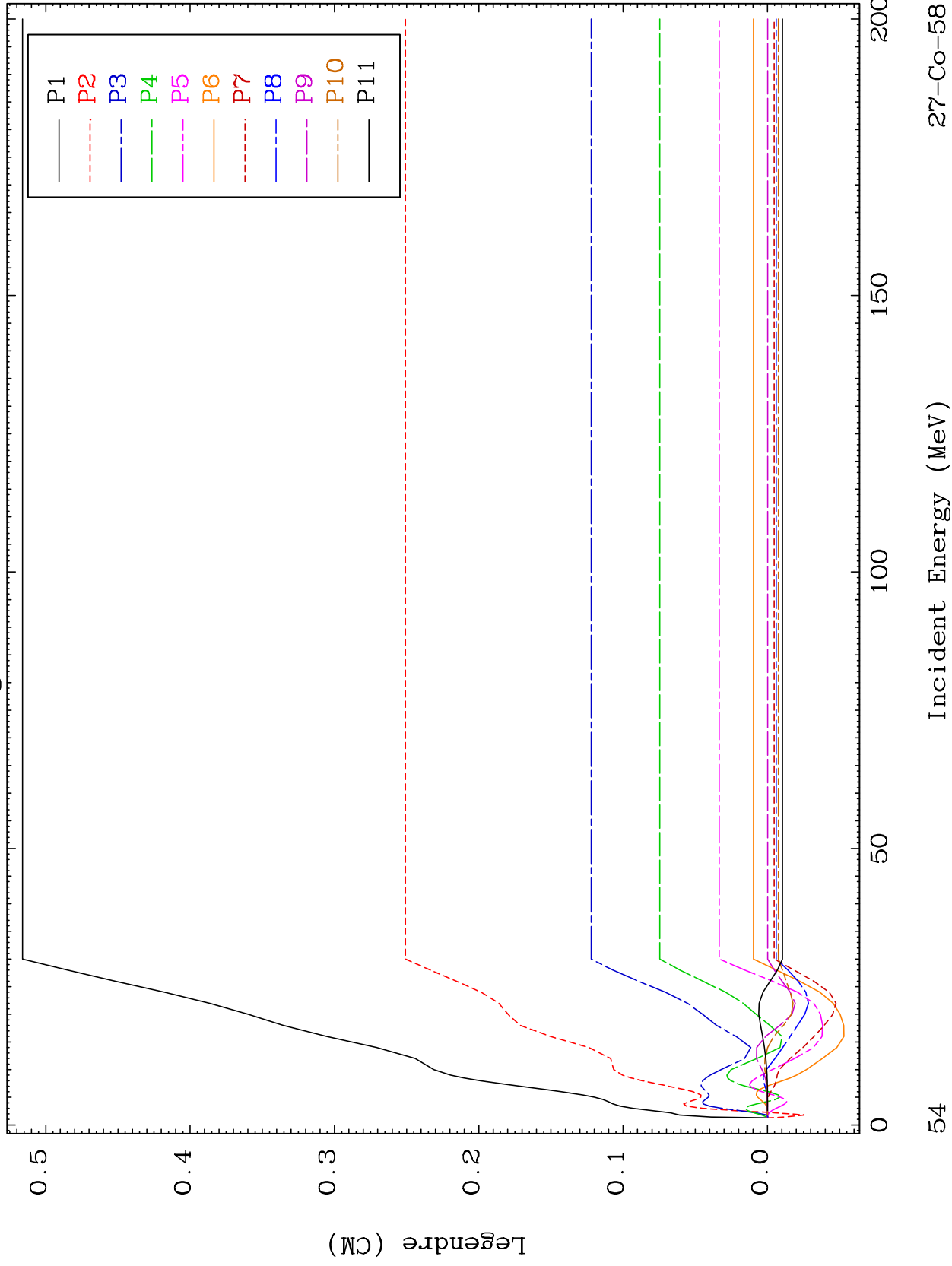
27-Co-58



MAT 2722

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

27-Co-58



27-Co-58

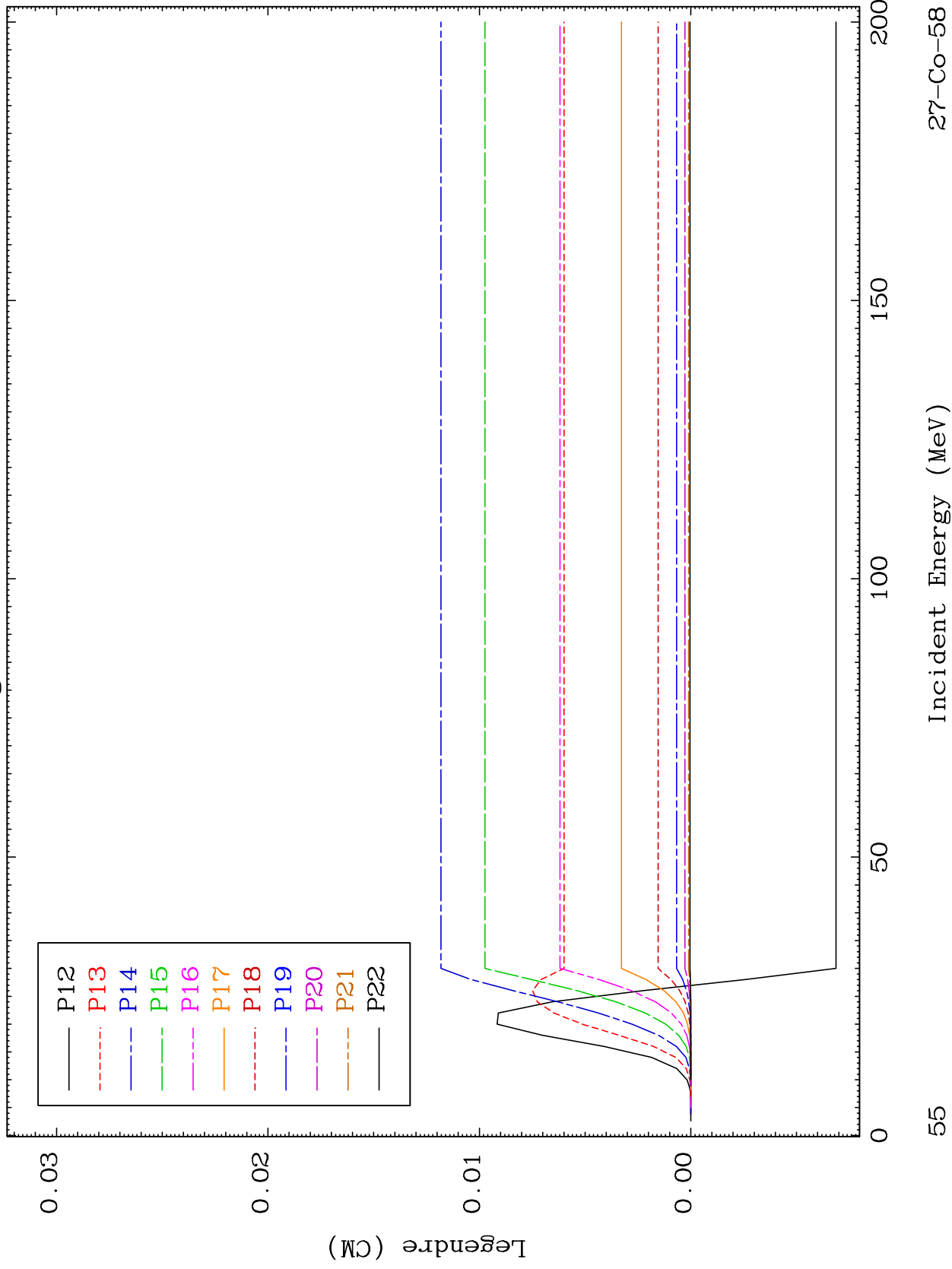
Incident Energy (MeV)

54

MAT 2722

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

27-Co-58



27-Co-58

Incident Energy (MeV)

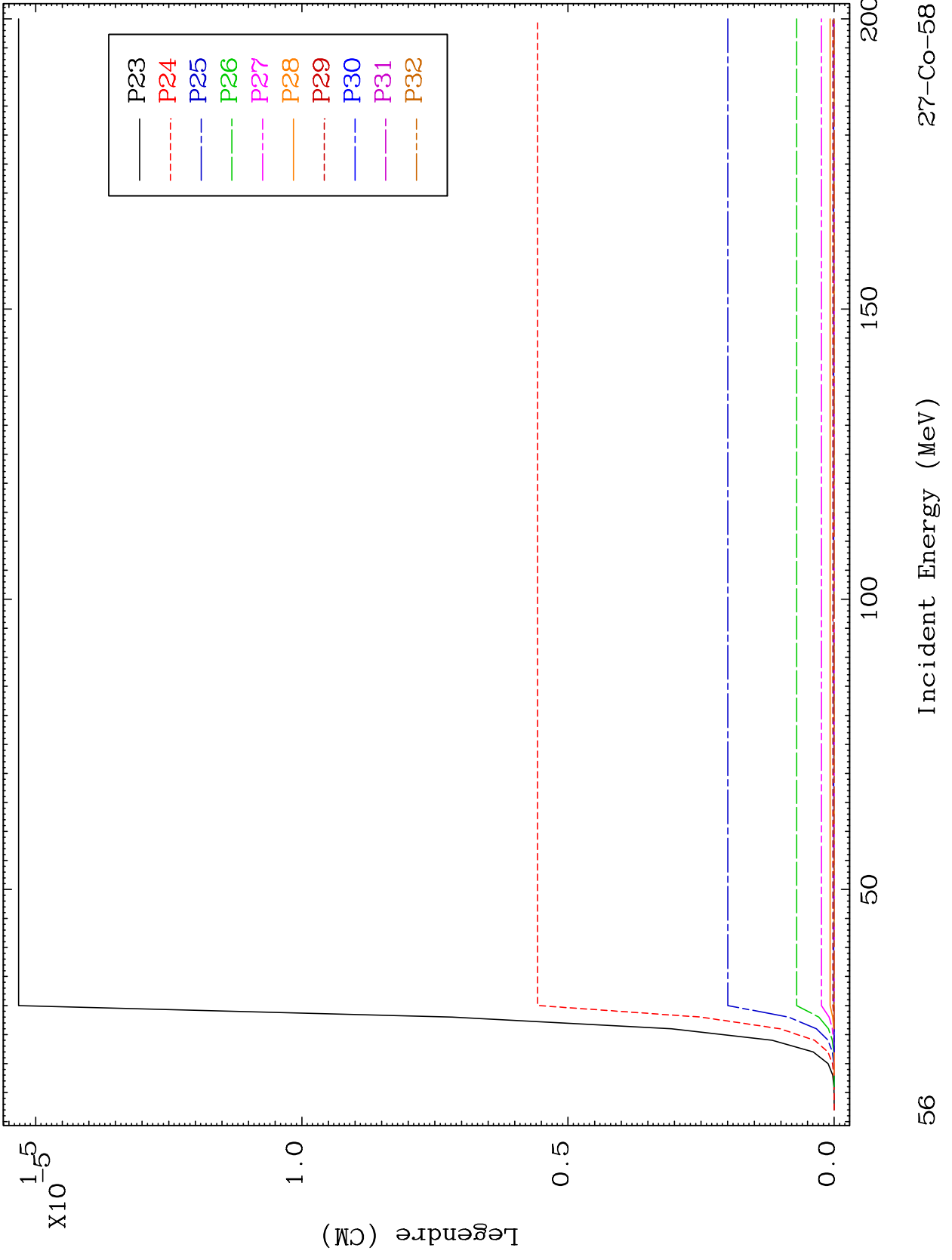
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MAT 2722

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

27-Co-58



56

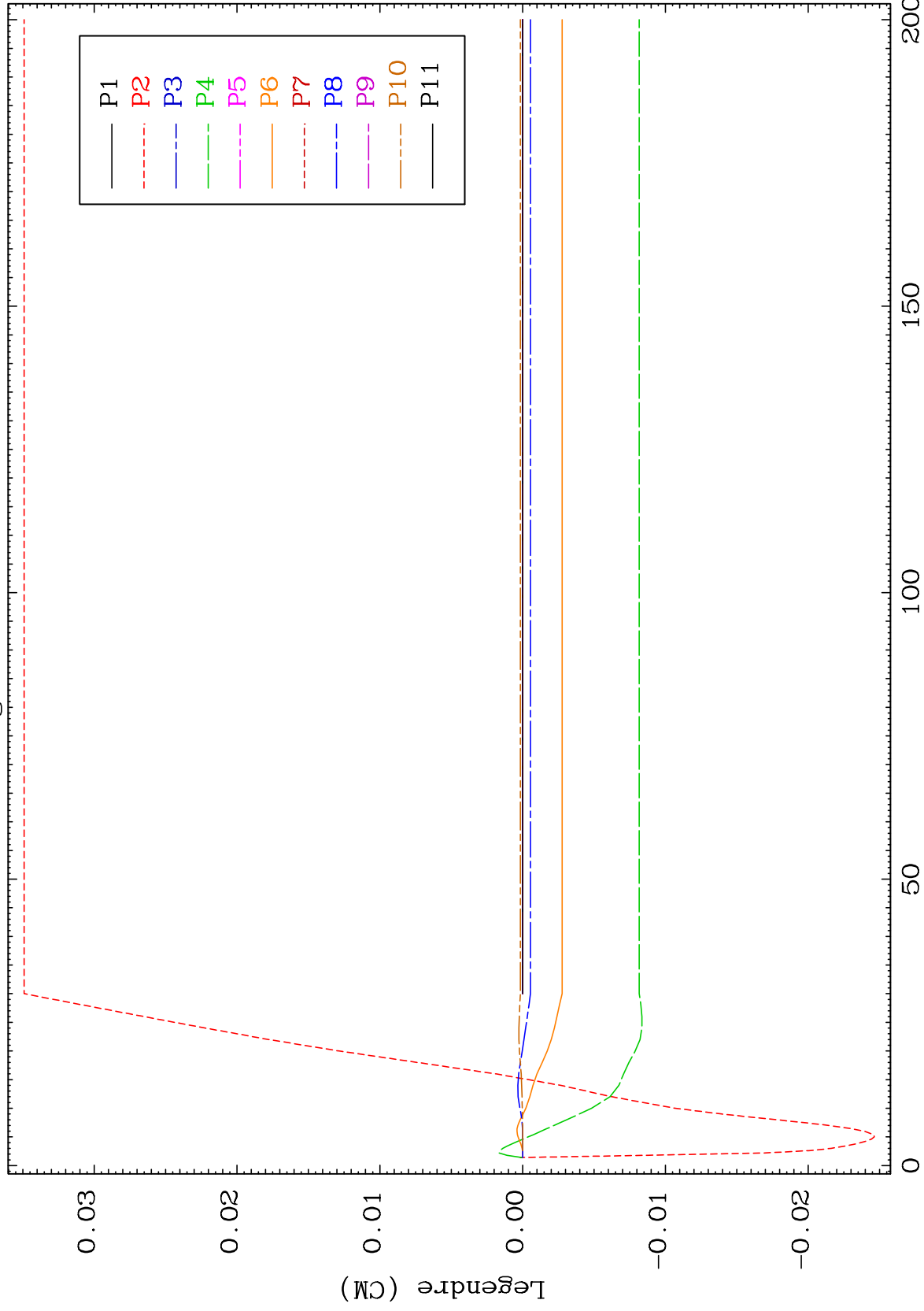
Incident Energy (MeV)

27-Co-58

MAT 2722

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

27-Co-58



57

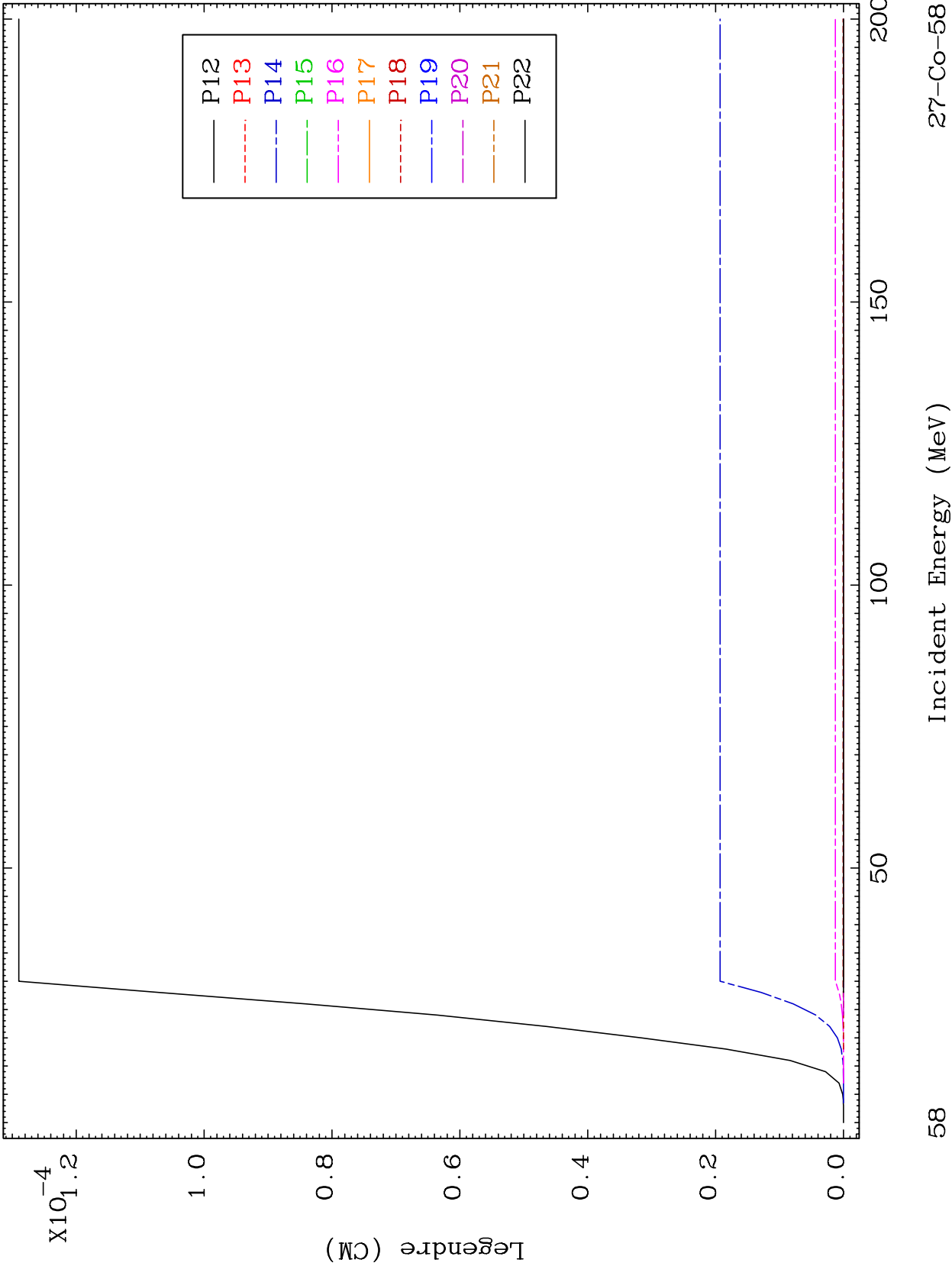
Incident Energy (MeV)

27-Co-58

MAT 2722

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

27-Co-58



58

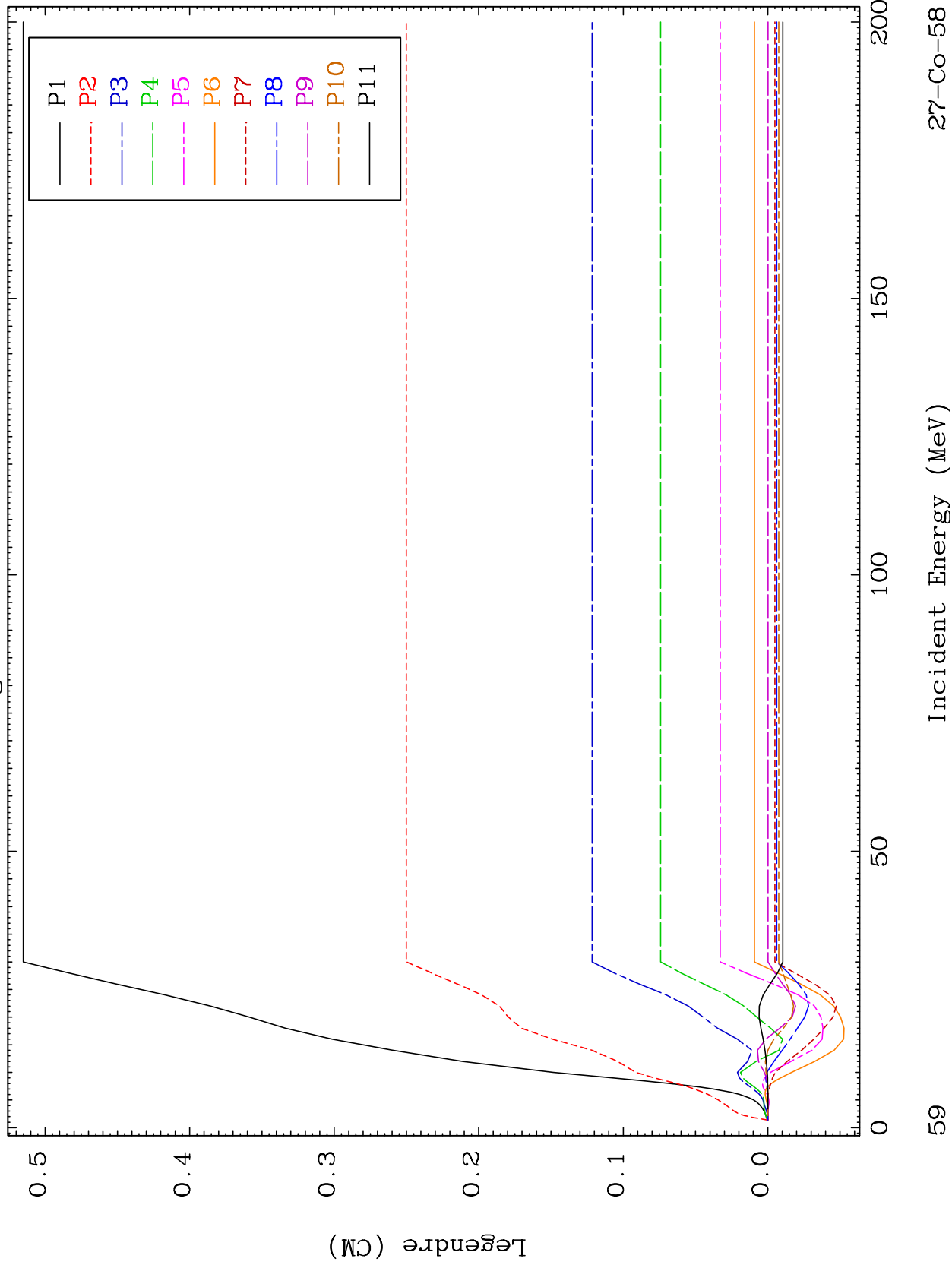
Incident Energy (MeV)

27-Co-58

MAT 2722

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

27-Co-58



27-Co-58

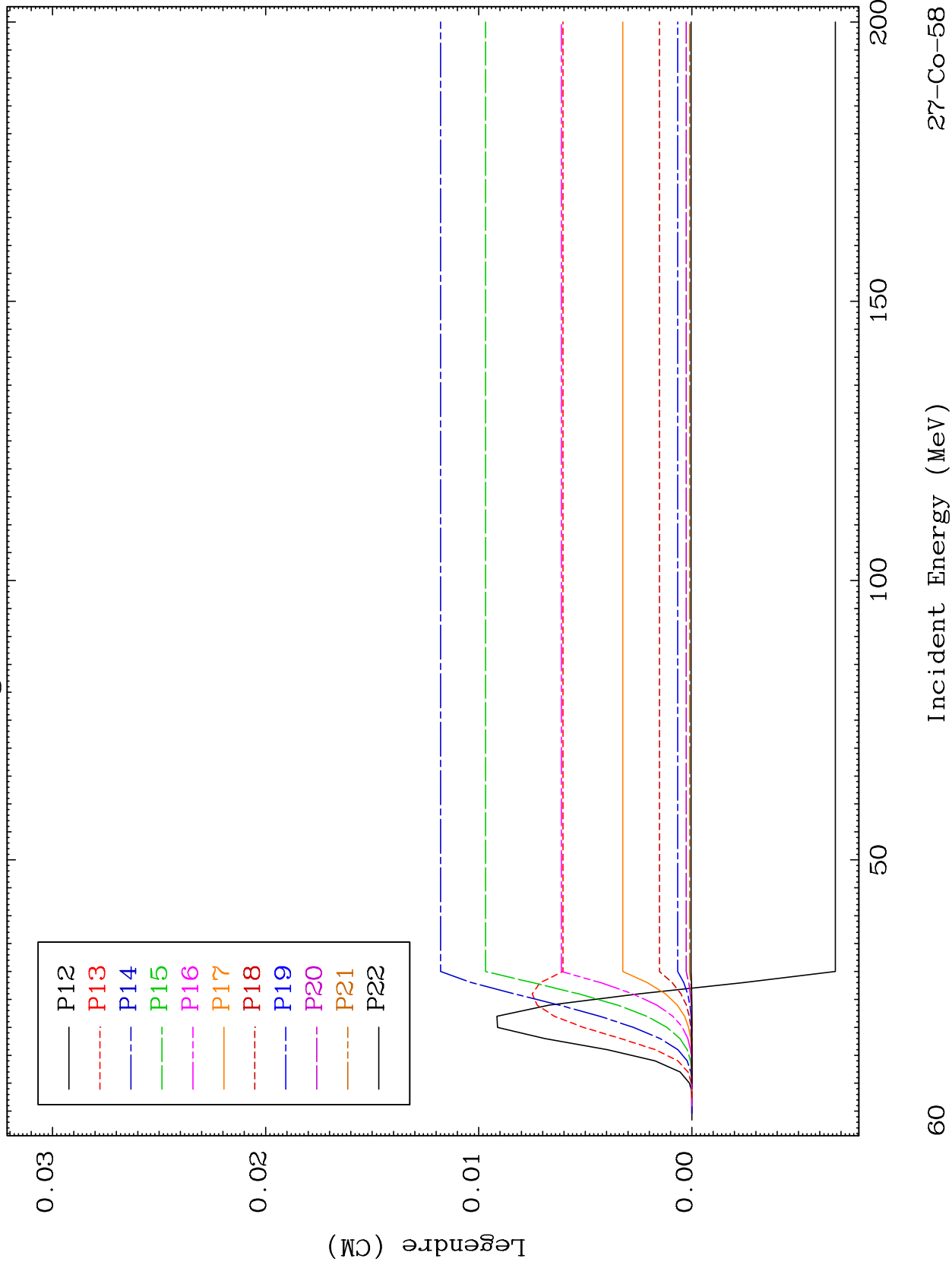
Incident Energy (MeV)

59

MAT 2722

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

27-Co-58



27-Co-58

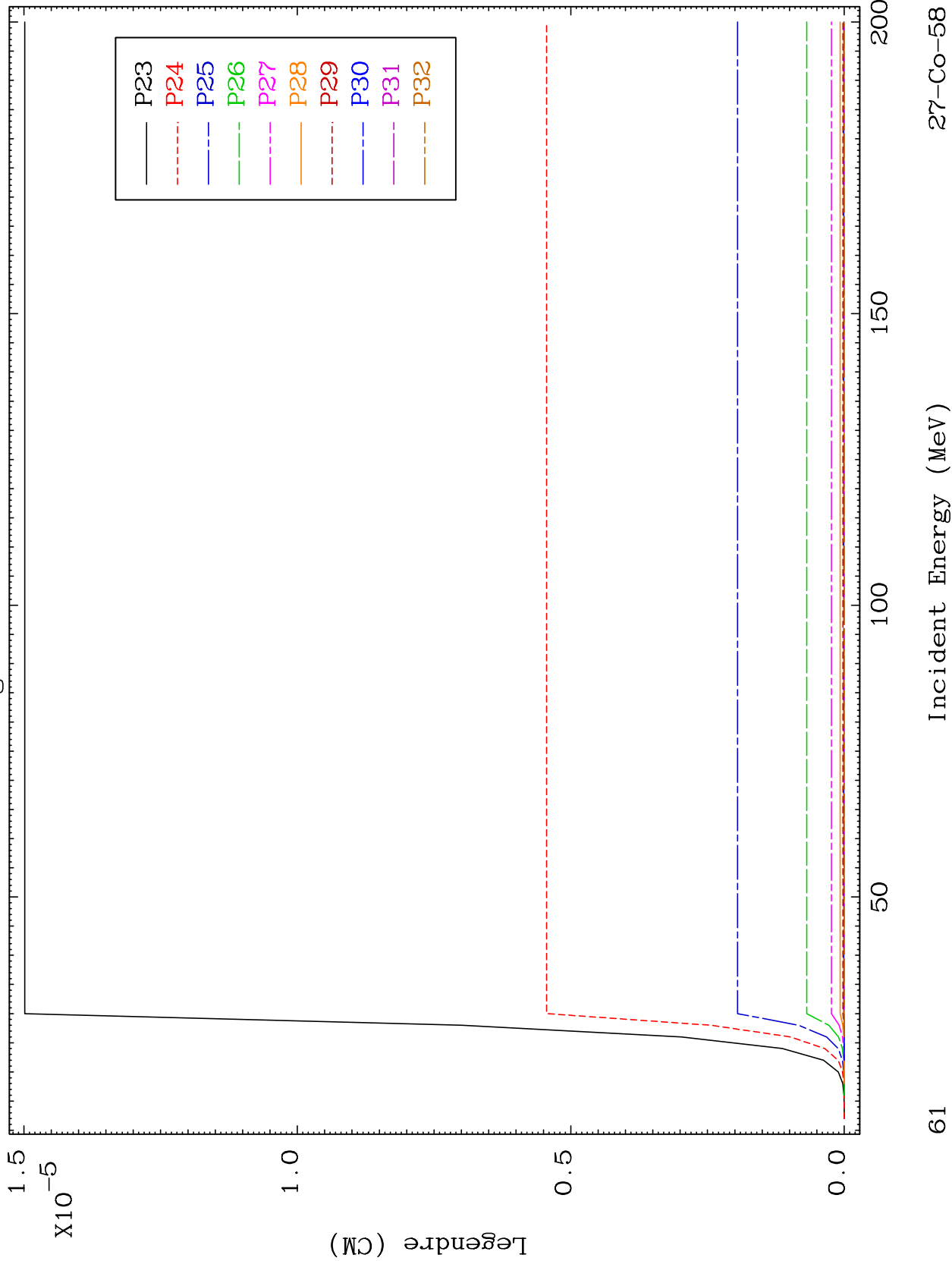
Incident Energy (MeV)

60

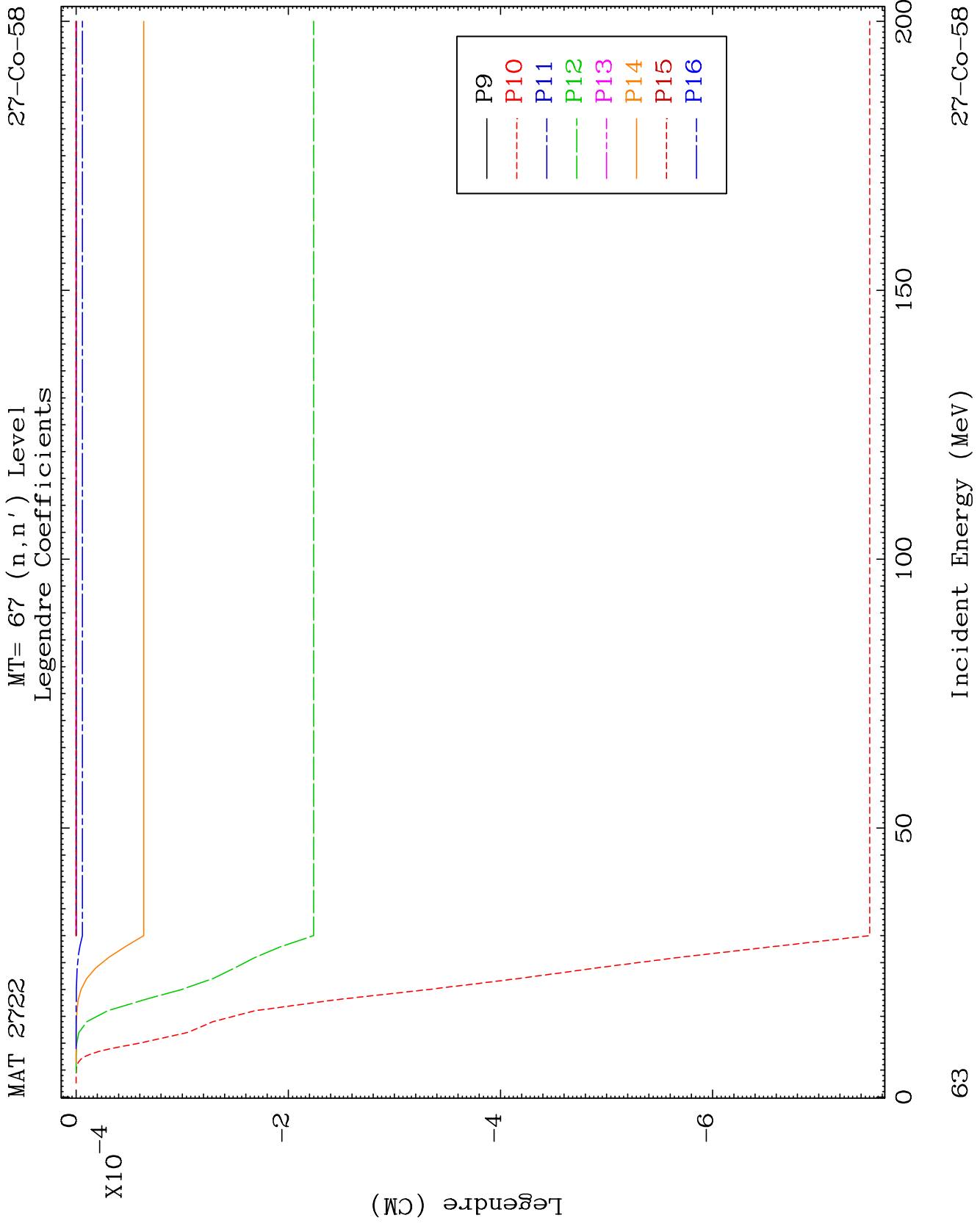
MAT 2722

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

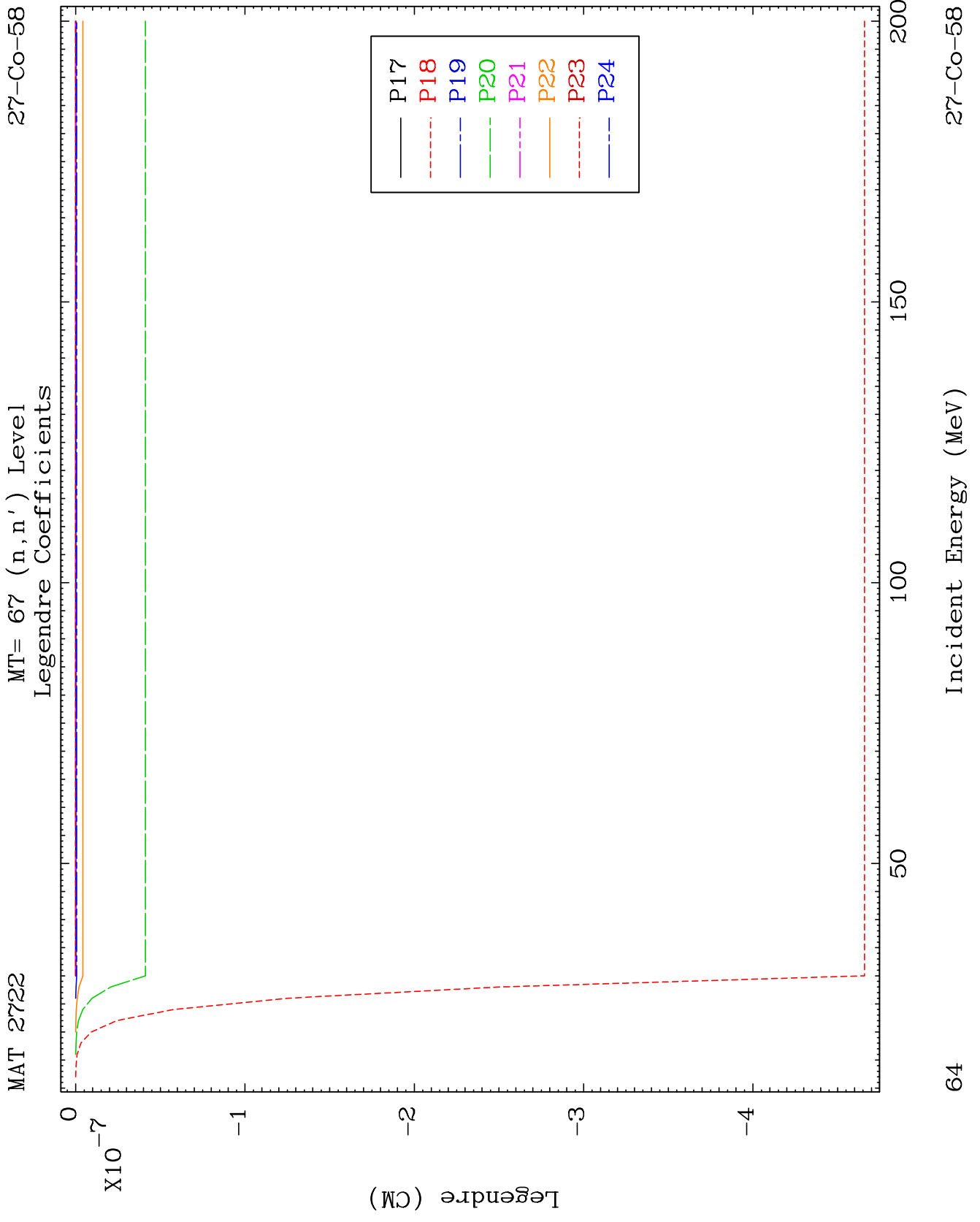
27-Co-58

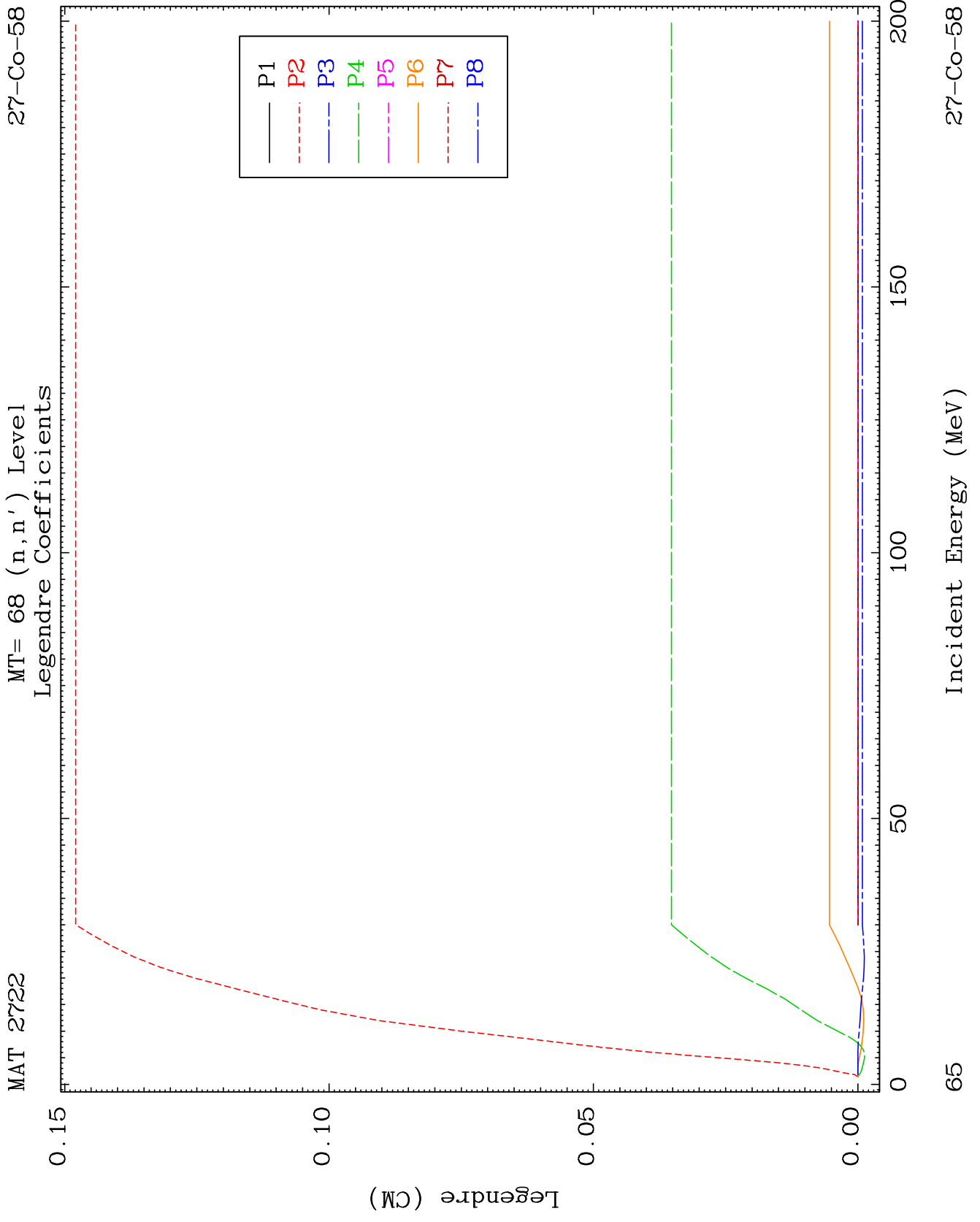


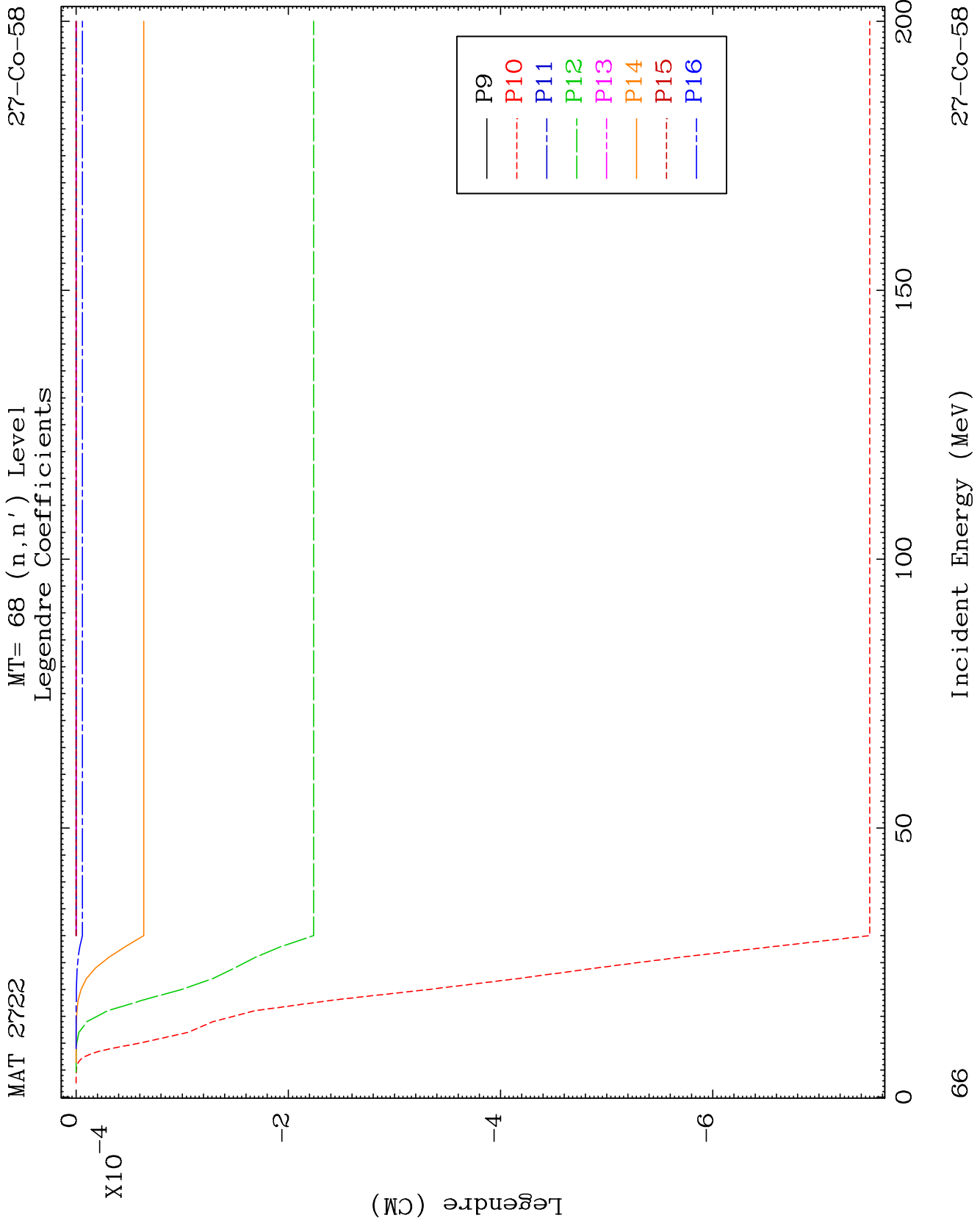


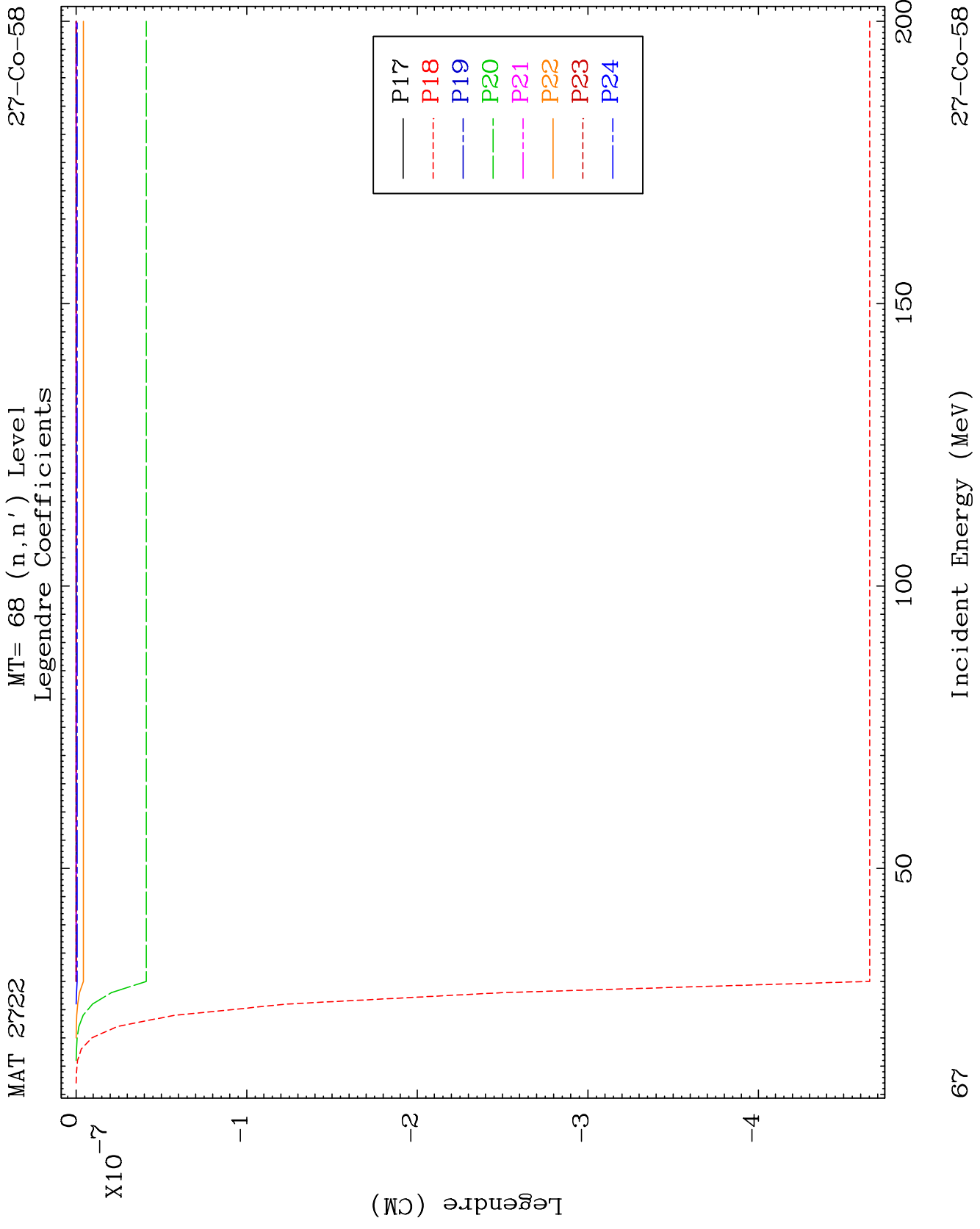








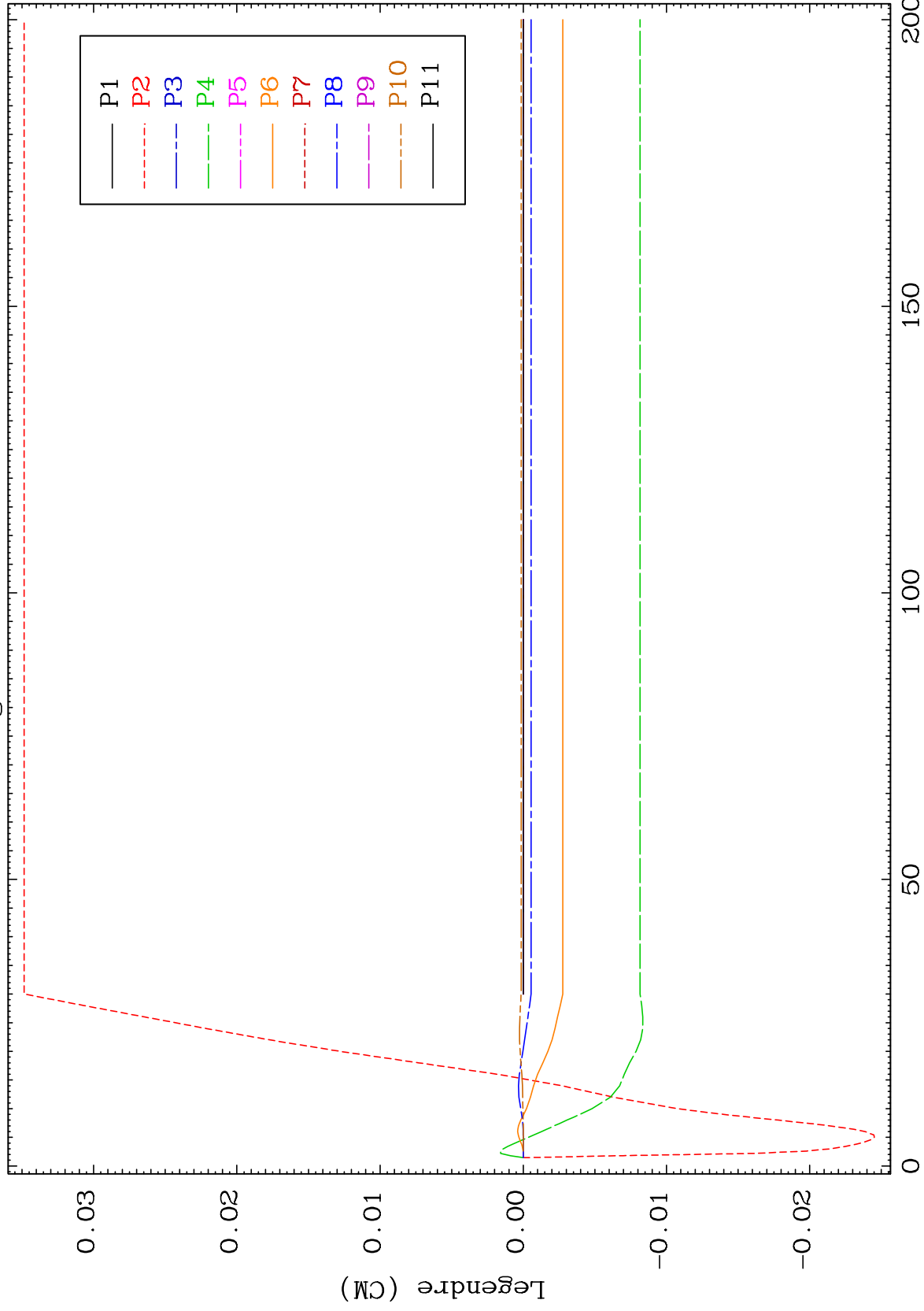




MAT 2722

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

27-Co-58



27-Co-58

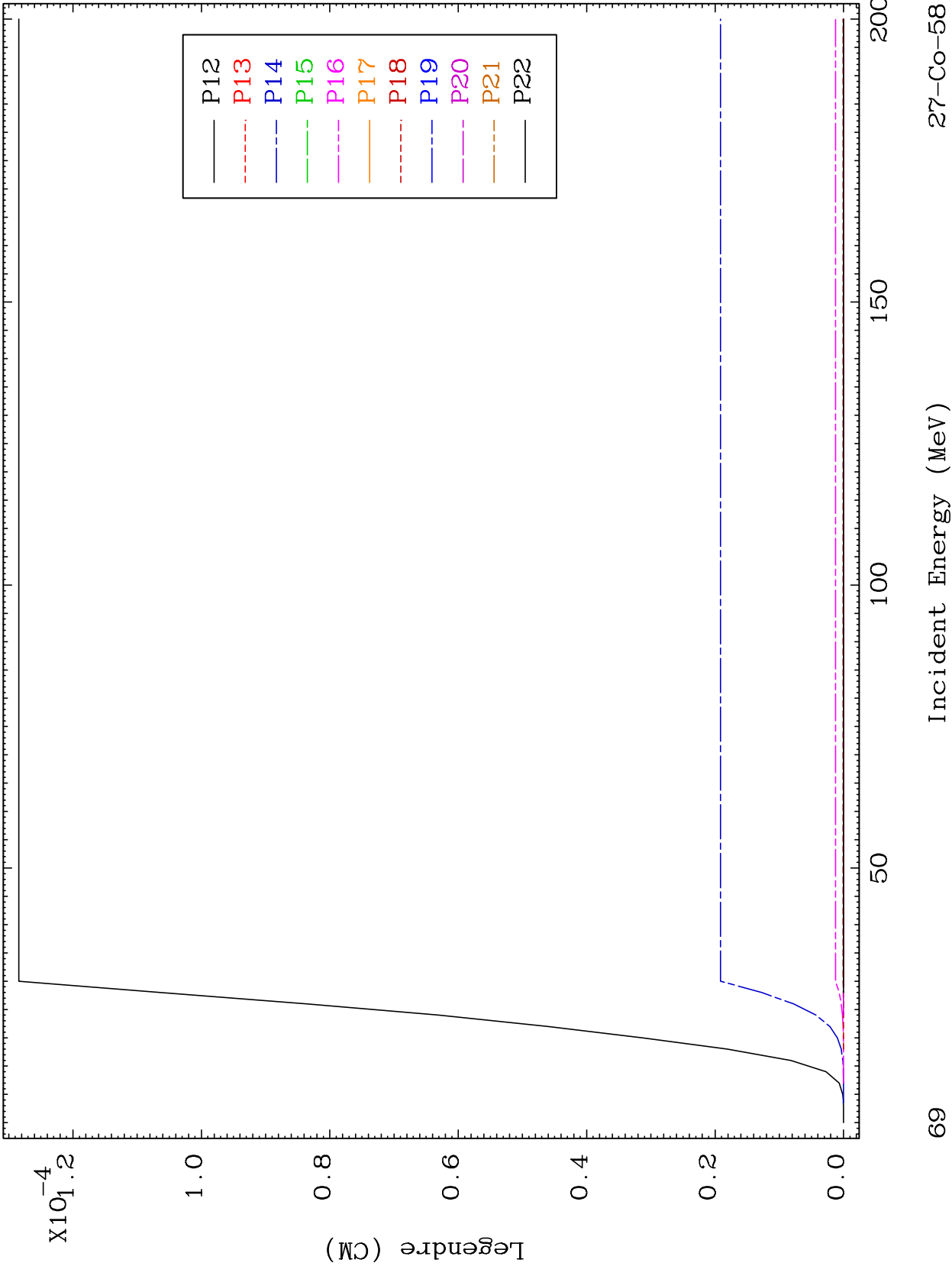
Incident Energy (MeV)

68

MAT 2722

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

27-Co-58



69

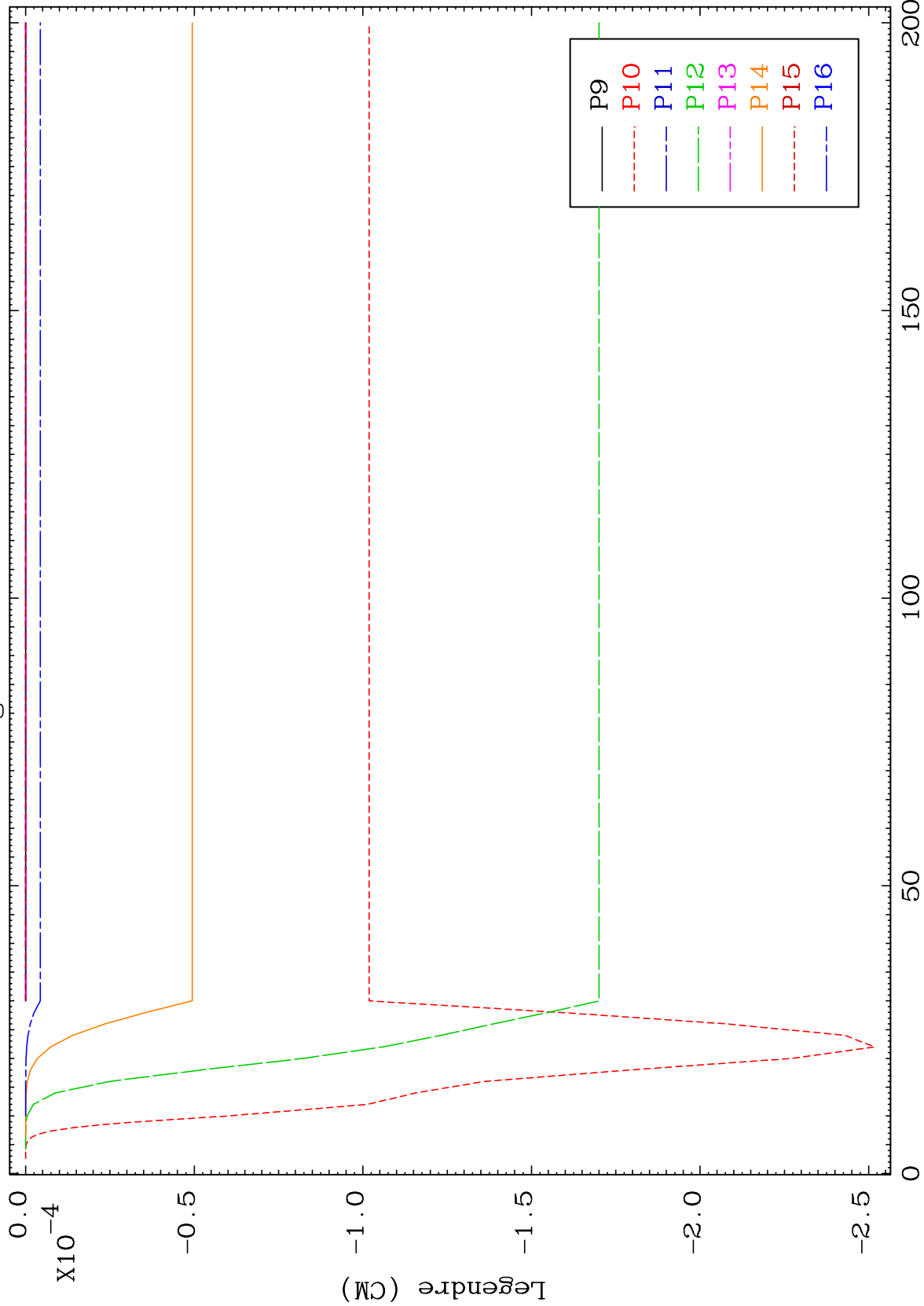
27-Co-58



MAT 2722

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

27-Co-58

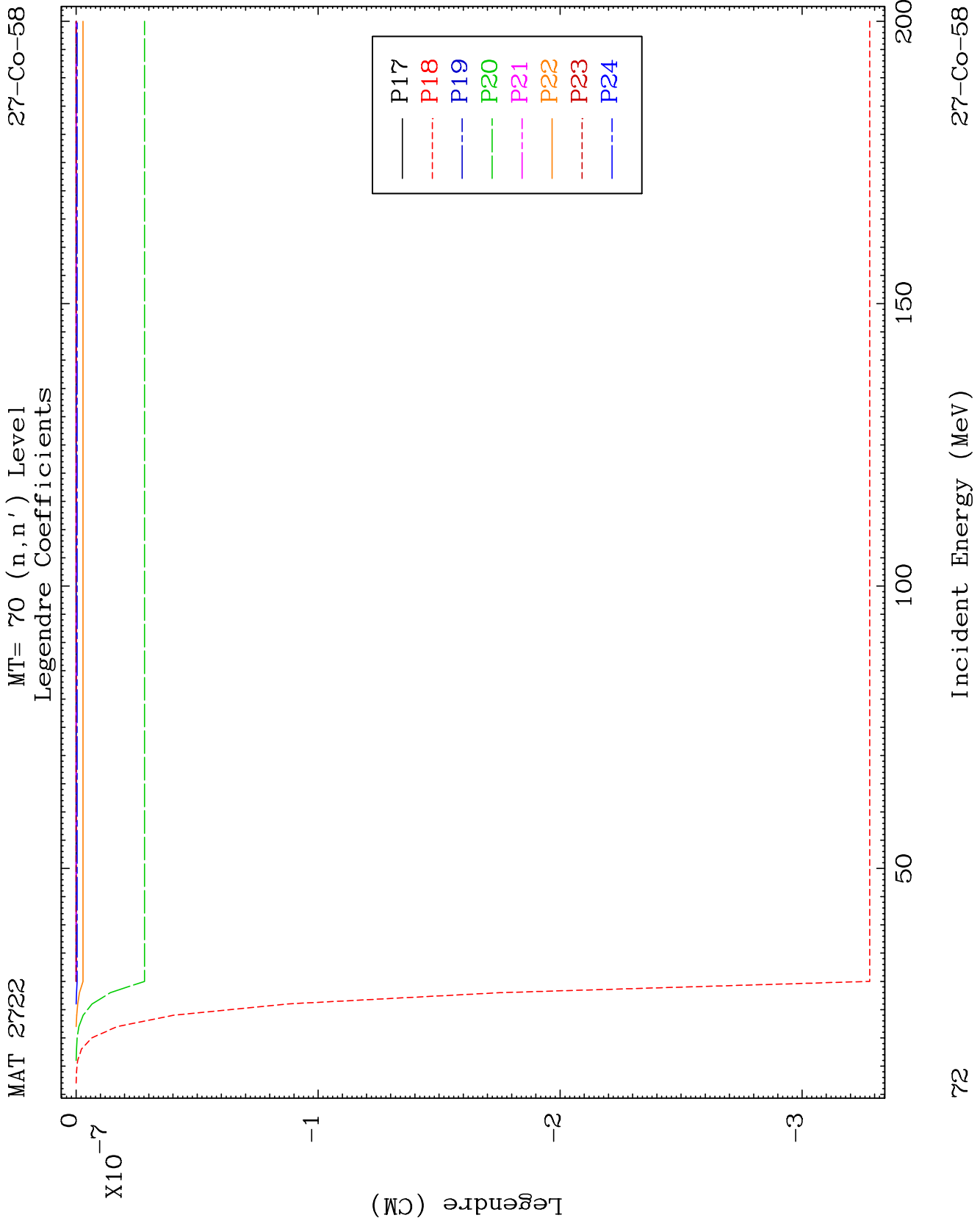


71

Incident Energy (MeV)

27-Co-58

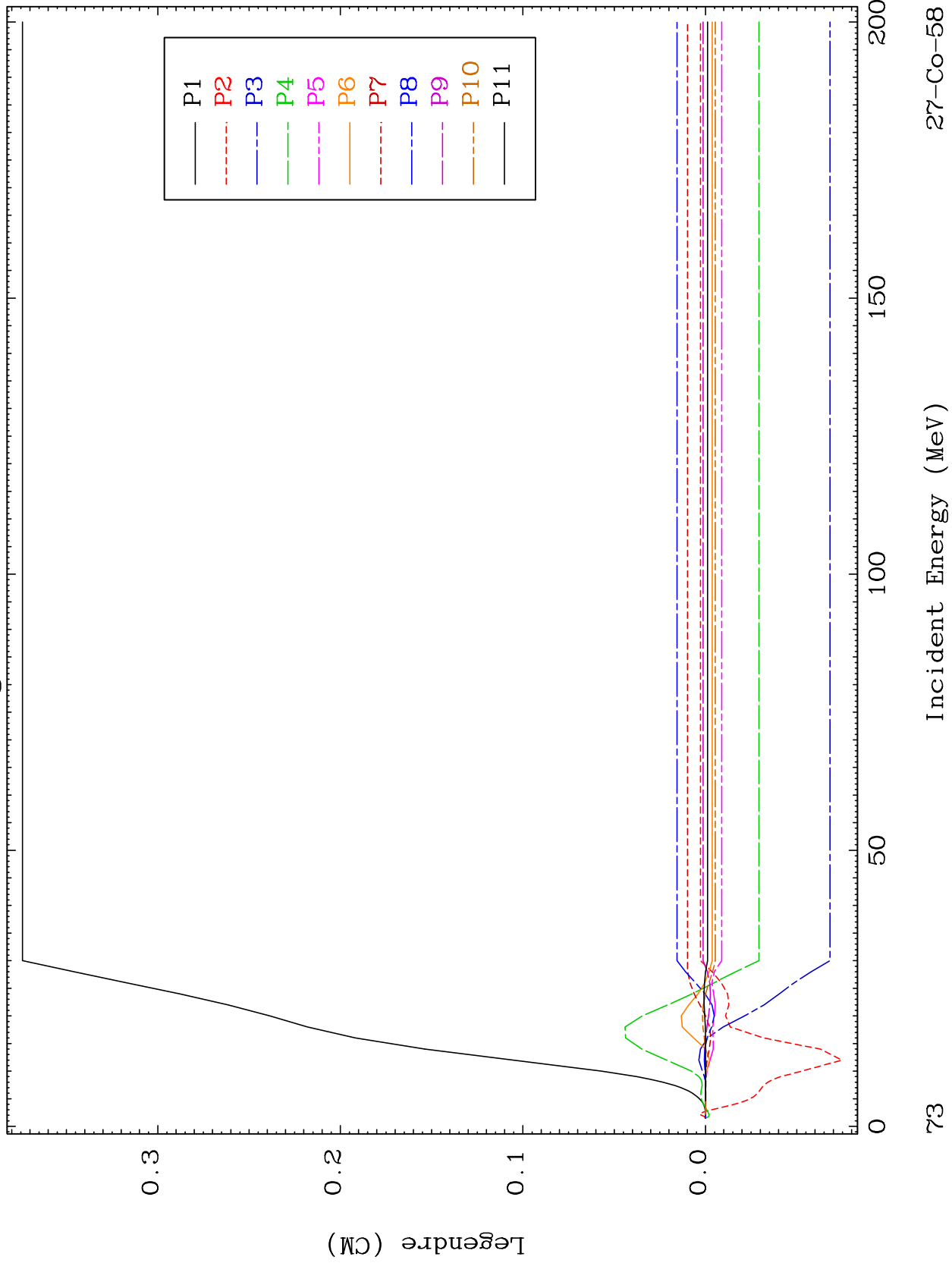




MAT 2722

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

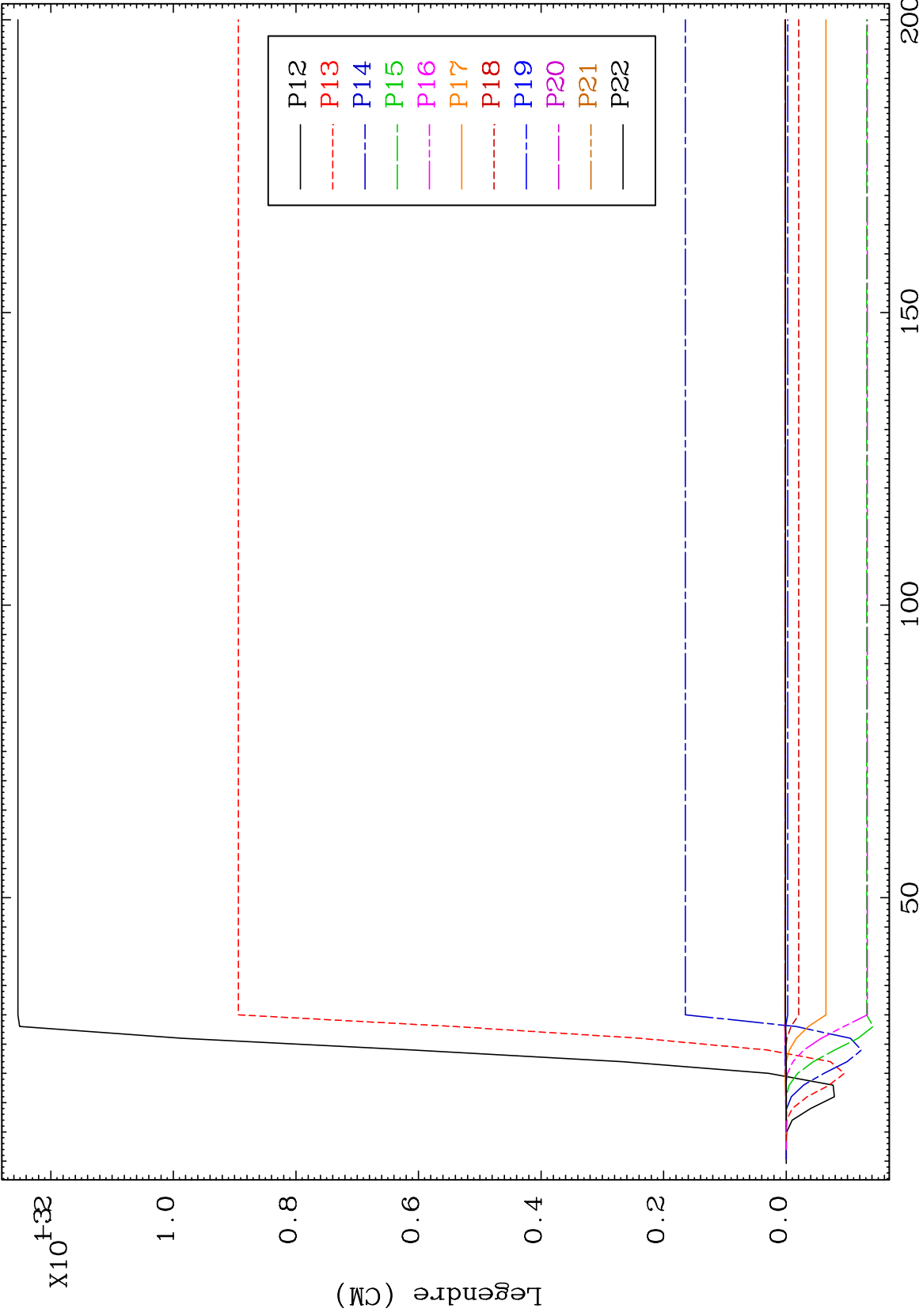
27-Co-58



27-Co-58

Incident Energy (MeV)

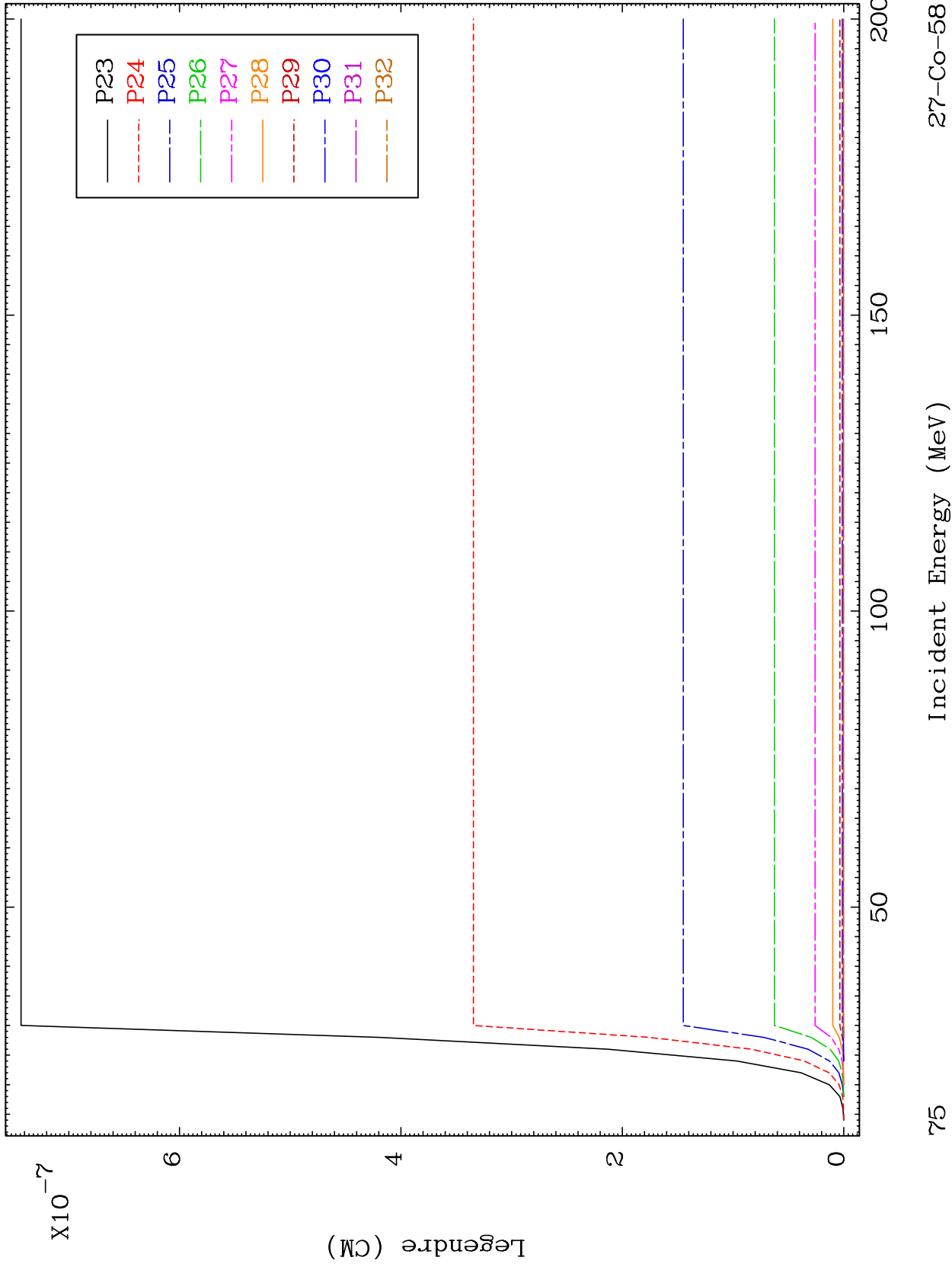
73

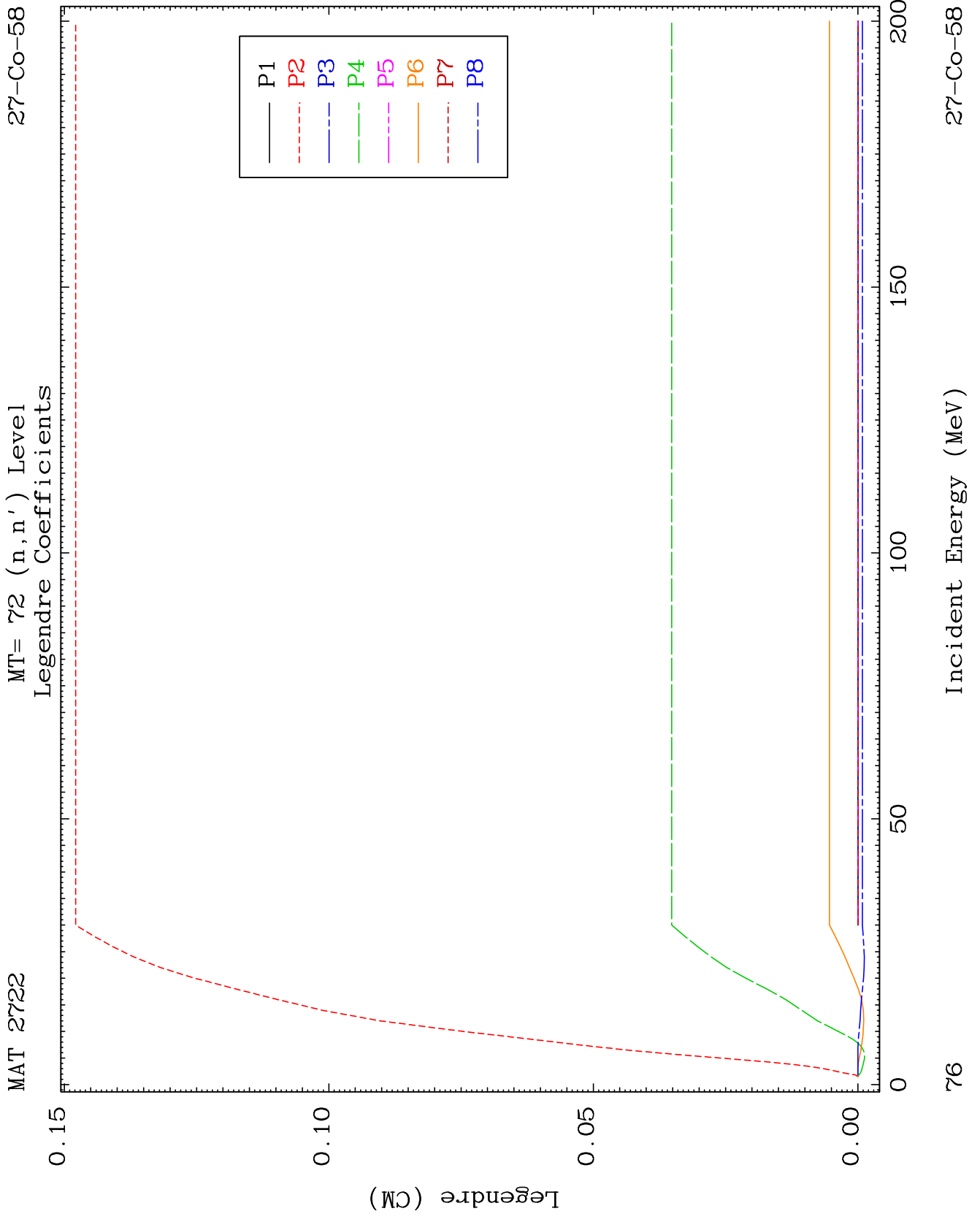


MAT 2722

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

27-Co-58

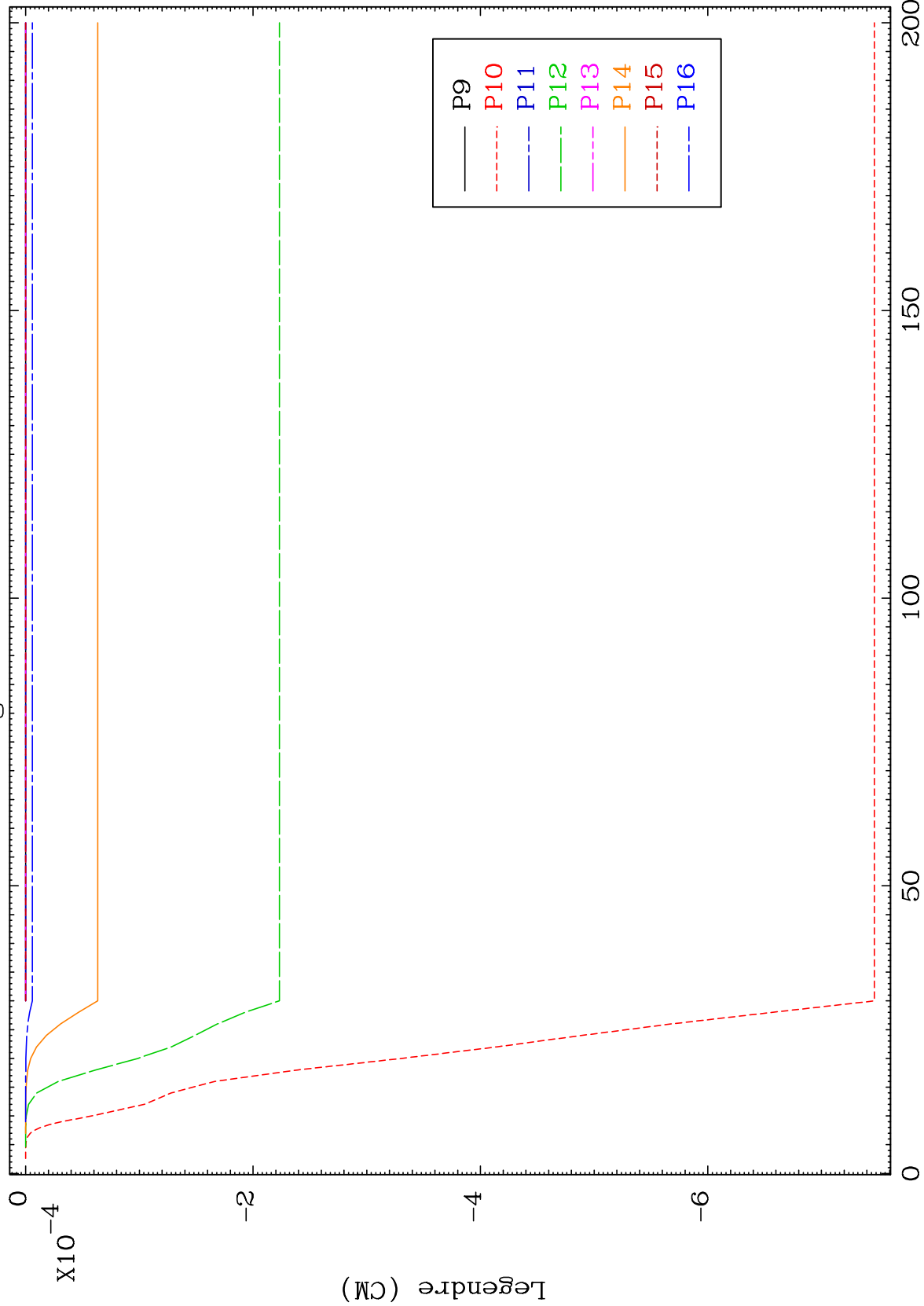




MAT 2722

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

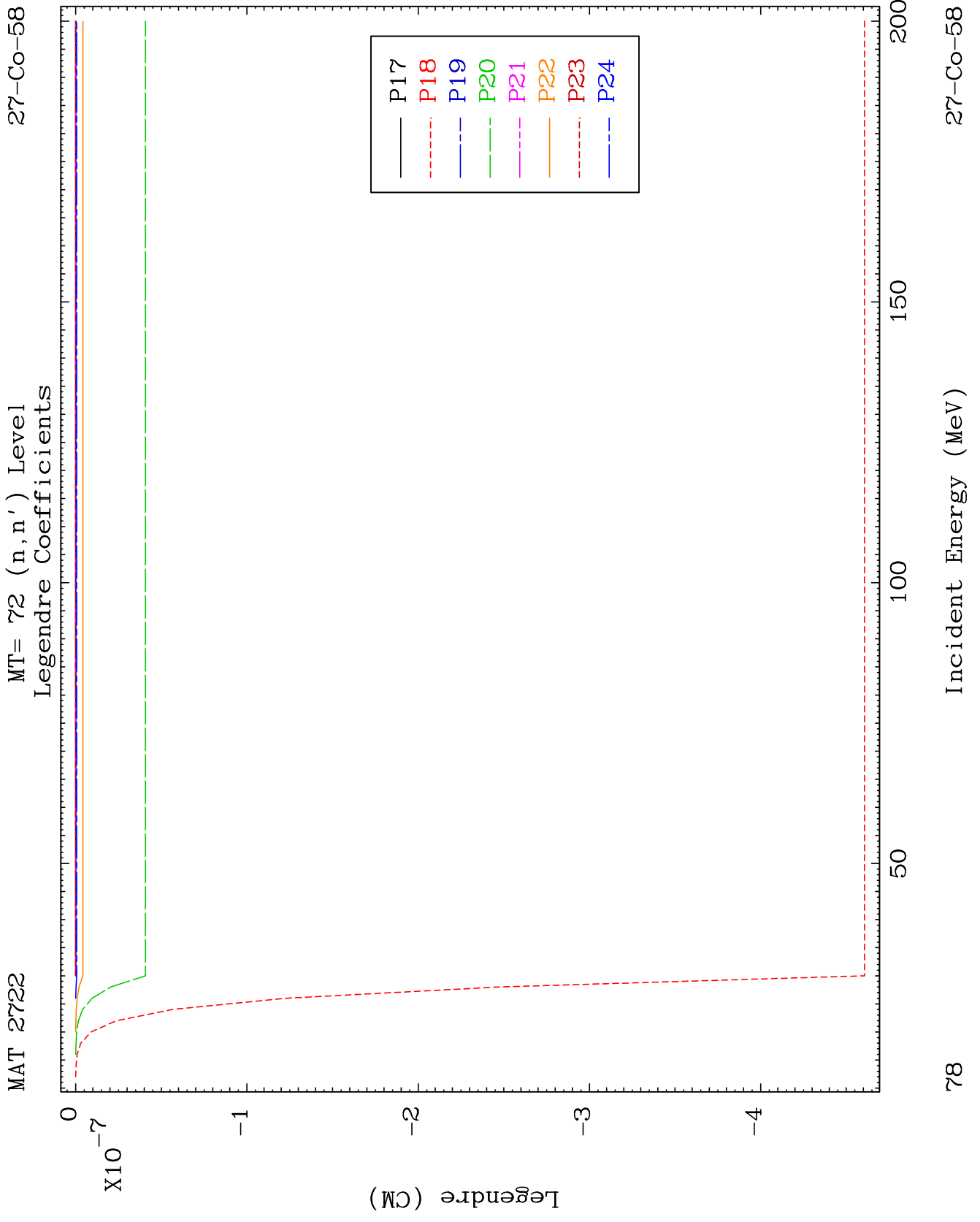
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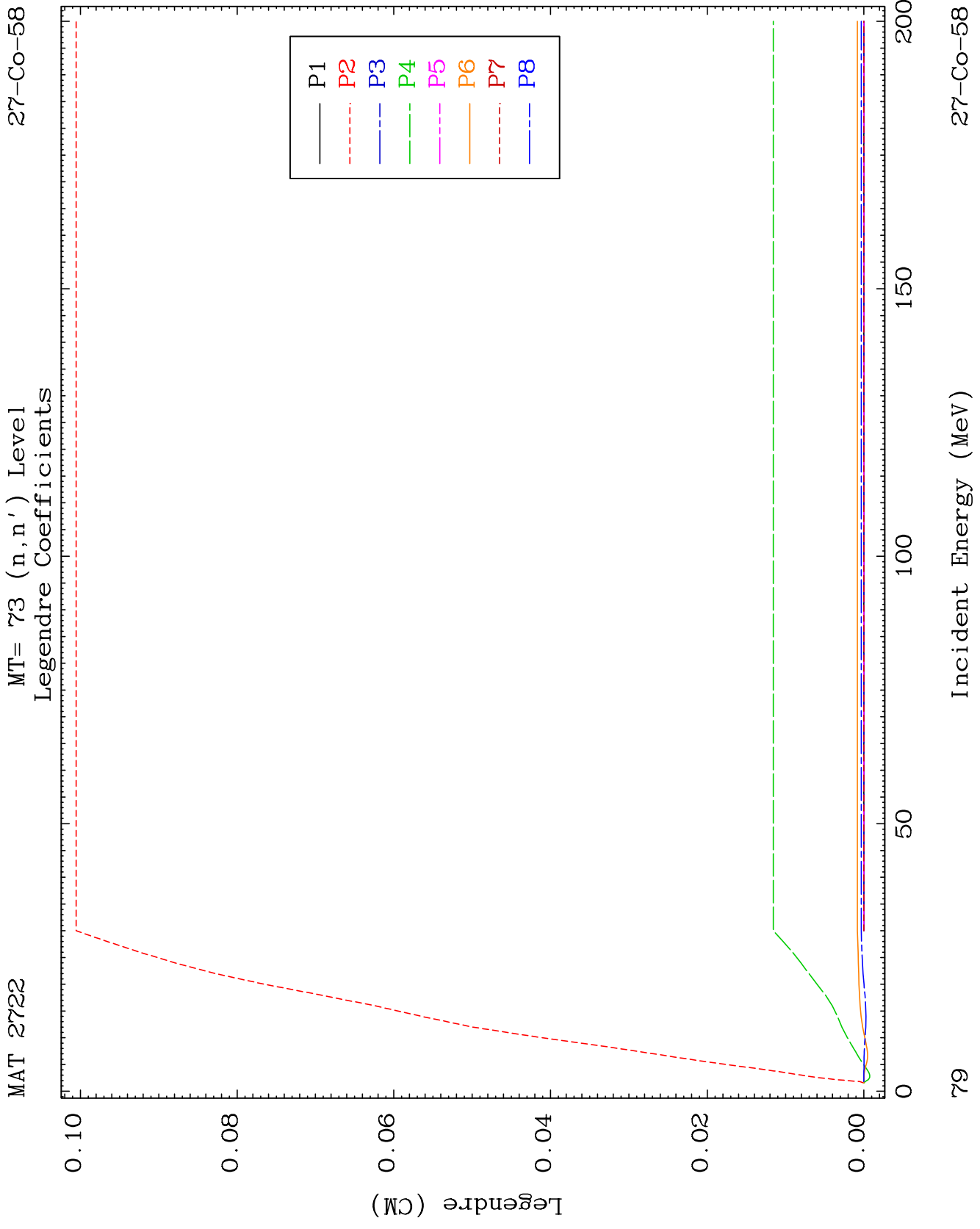


77

Incident Energy (MeV)

27-Co-58



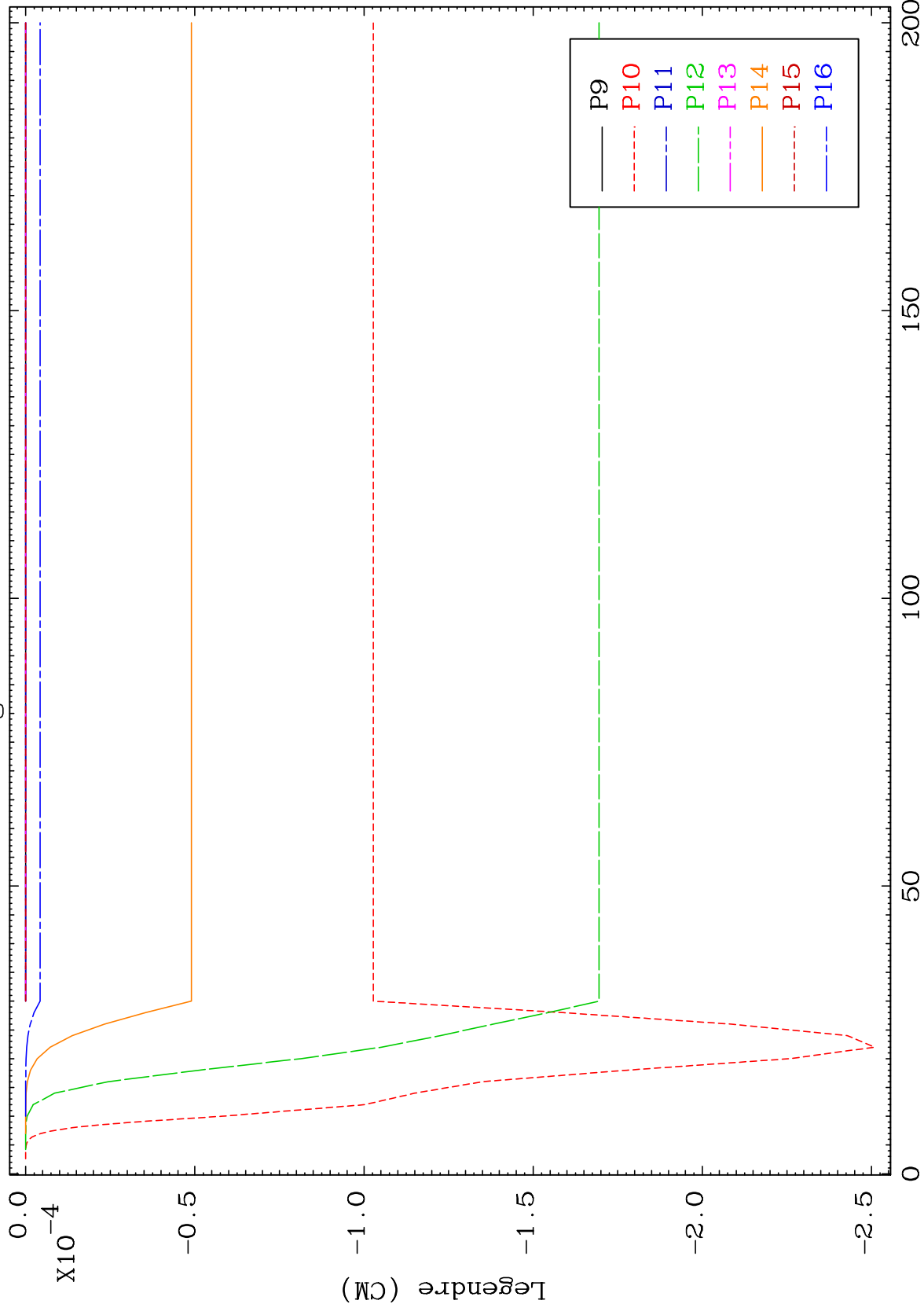




MAT 2722

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

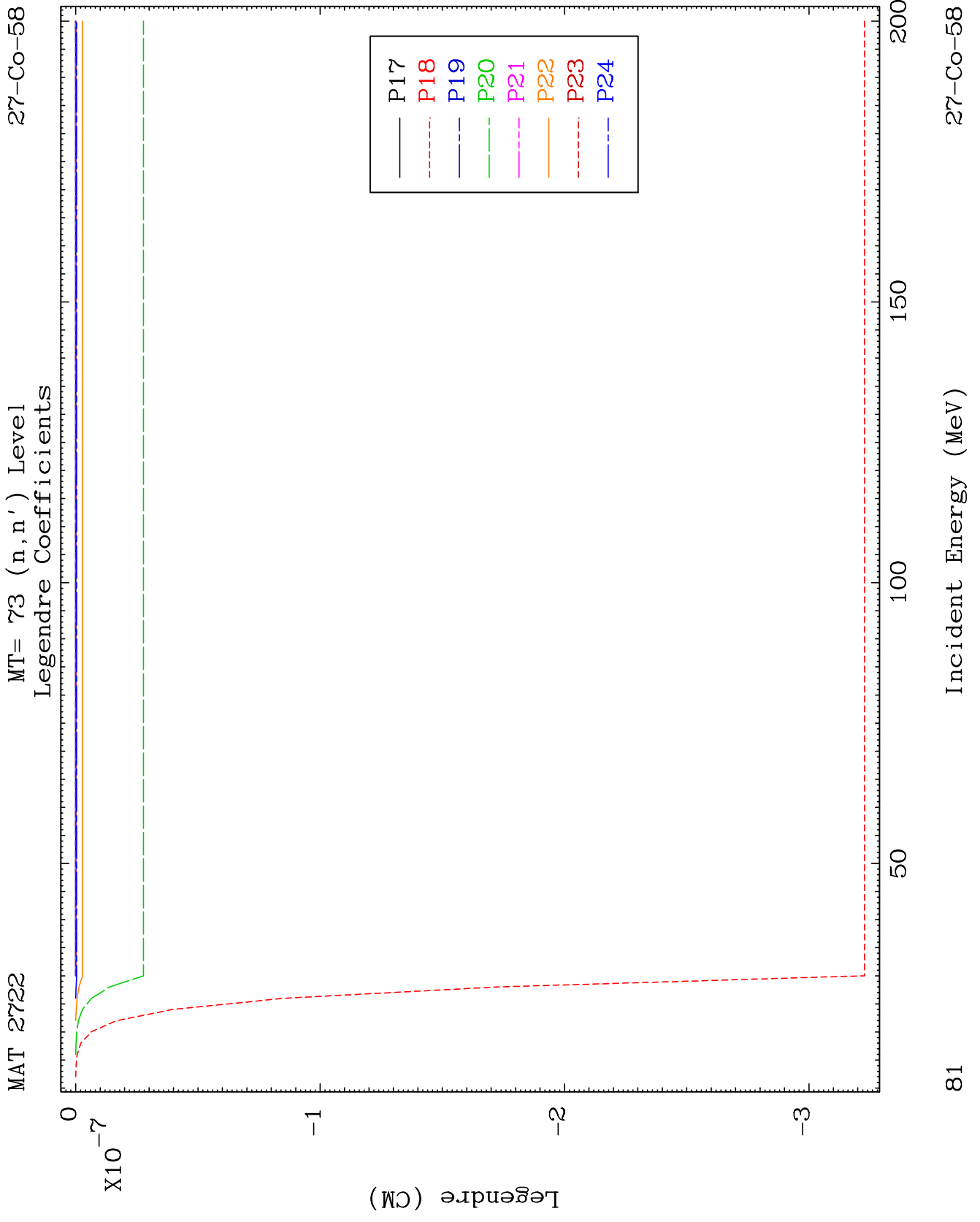
27-Co-58



27-Co-58

Incident Energy (MeV)

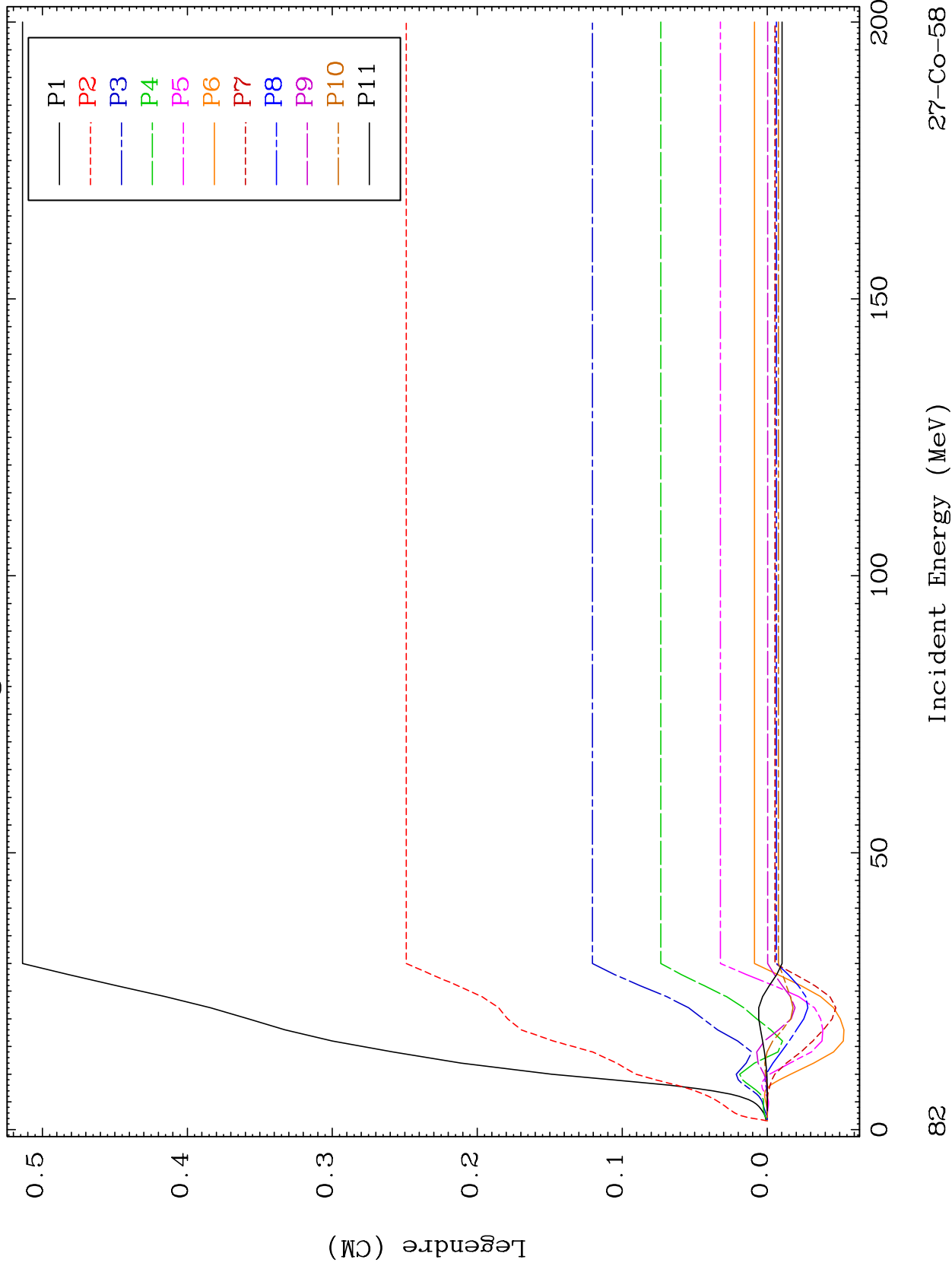
80



MAT 2722

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

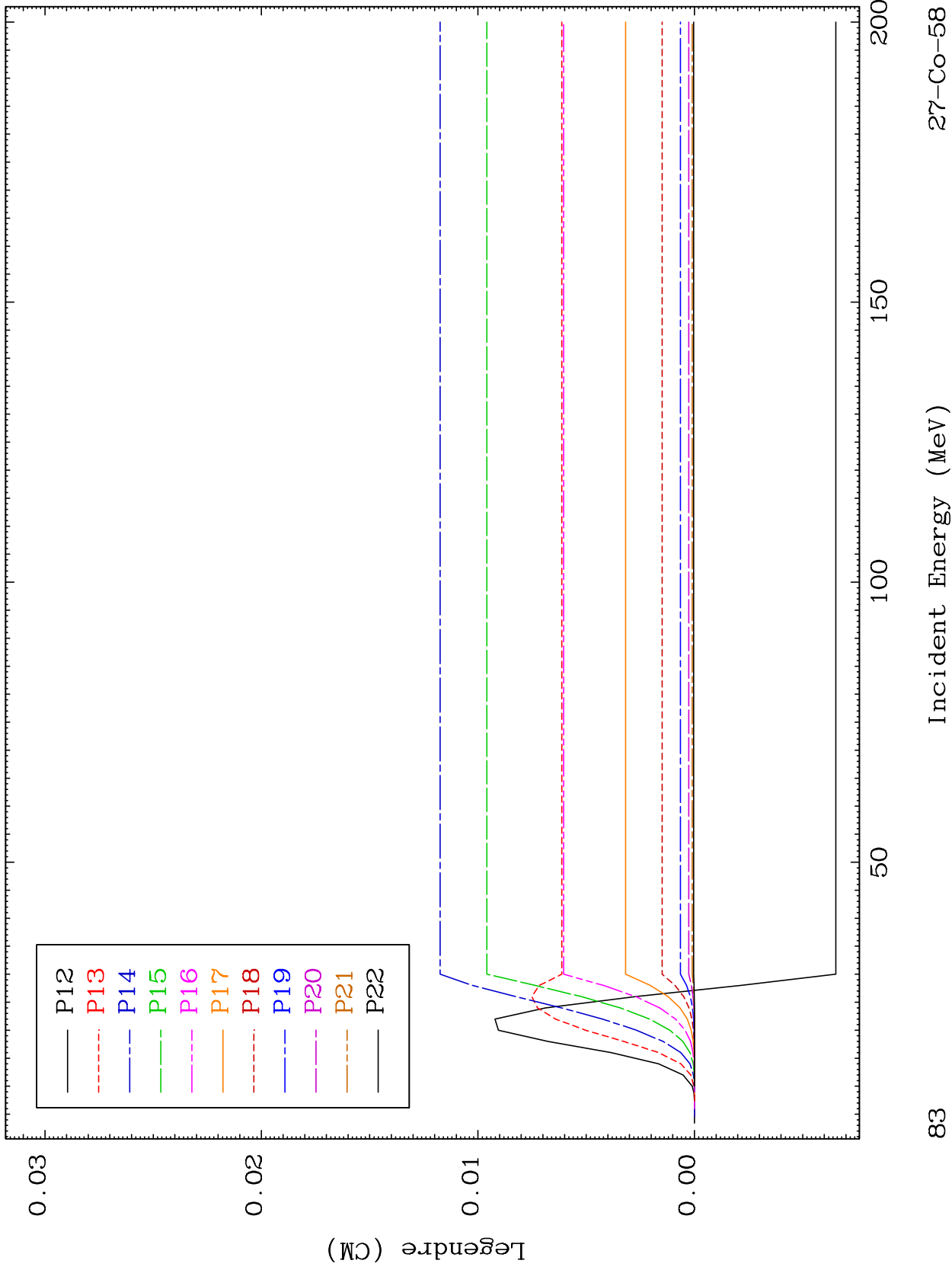
27-Co-58



27-Co-58

Incident Energy (MeV)

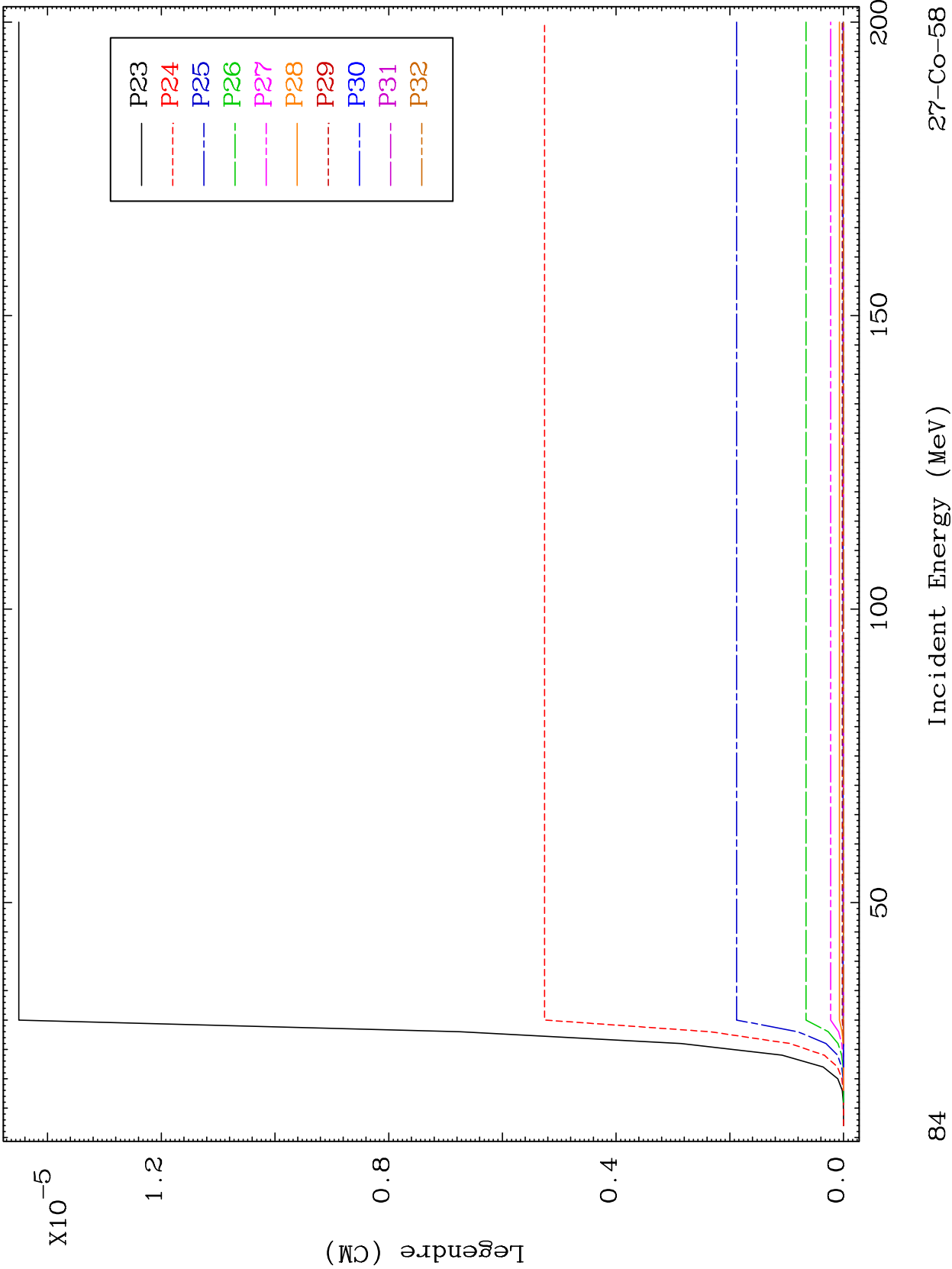
82



MAT 2722

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

27-Co-58

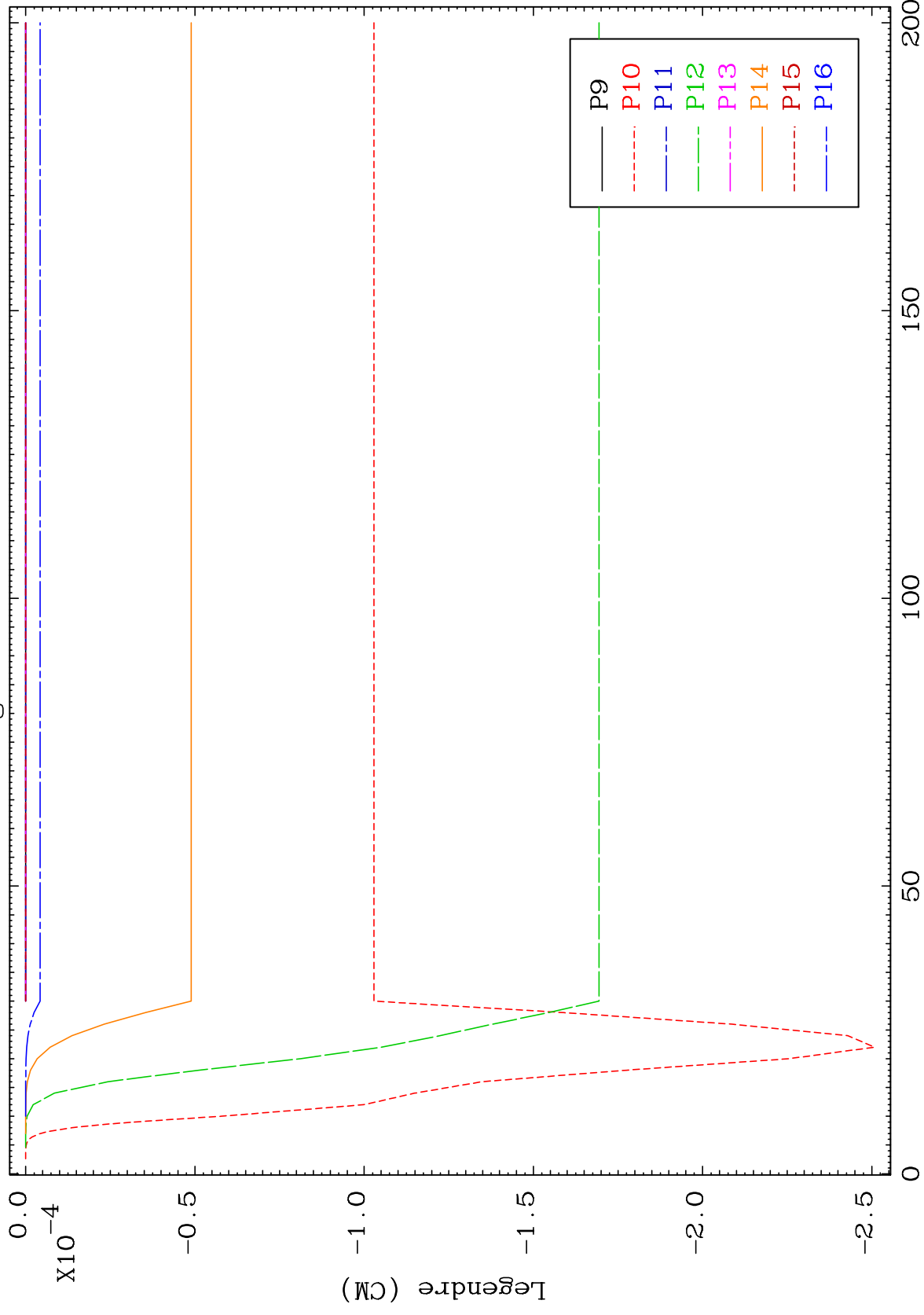


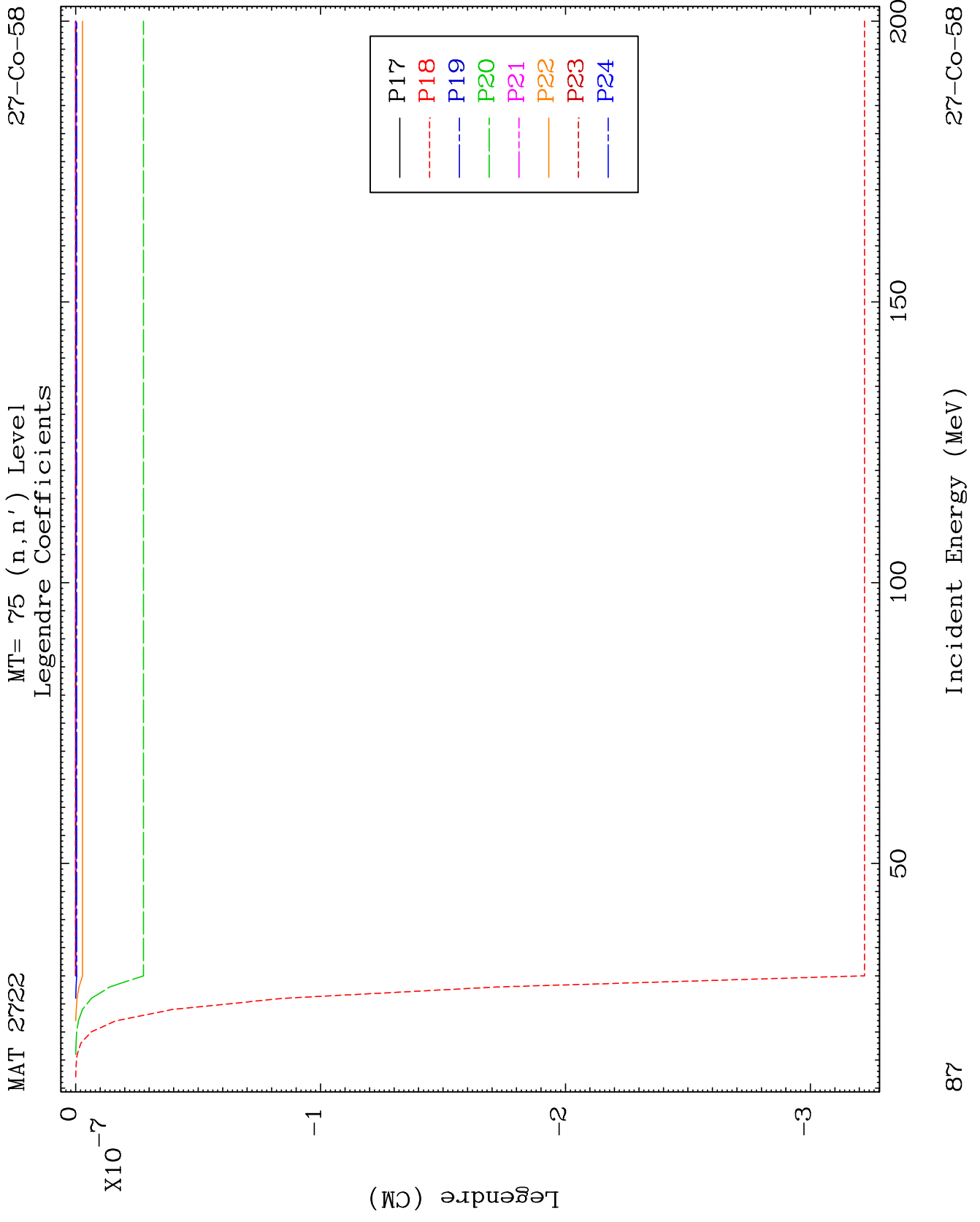
84

Incident Energy (MeV)

27-Co-58





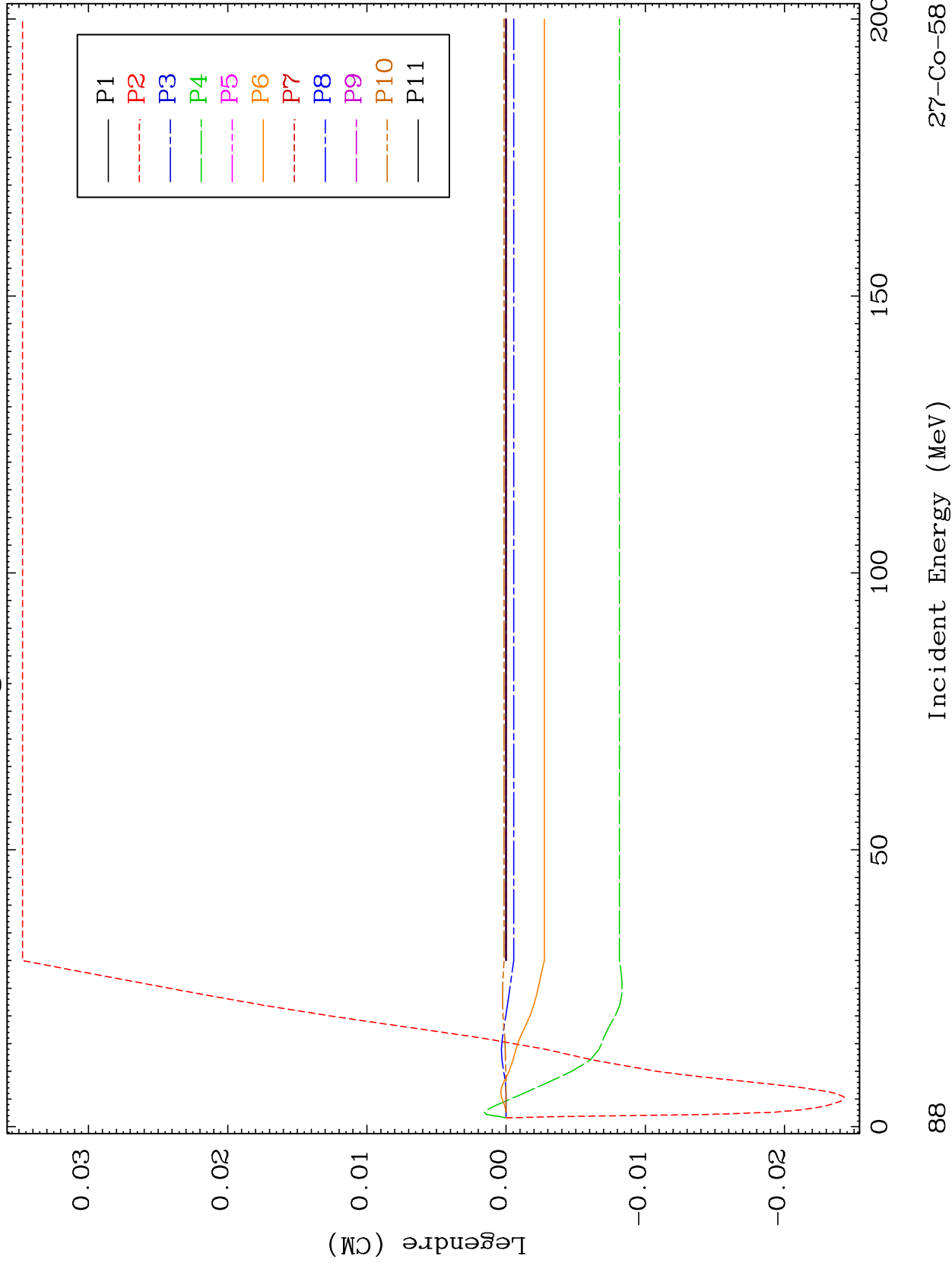




MAT 2722

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

27-Co-58



27-Co-58

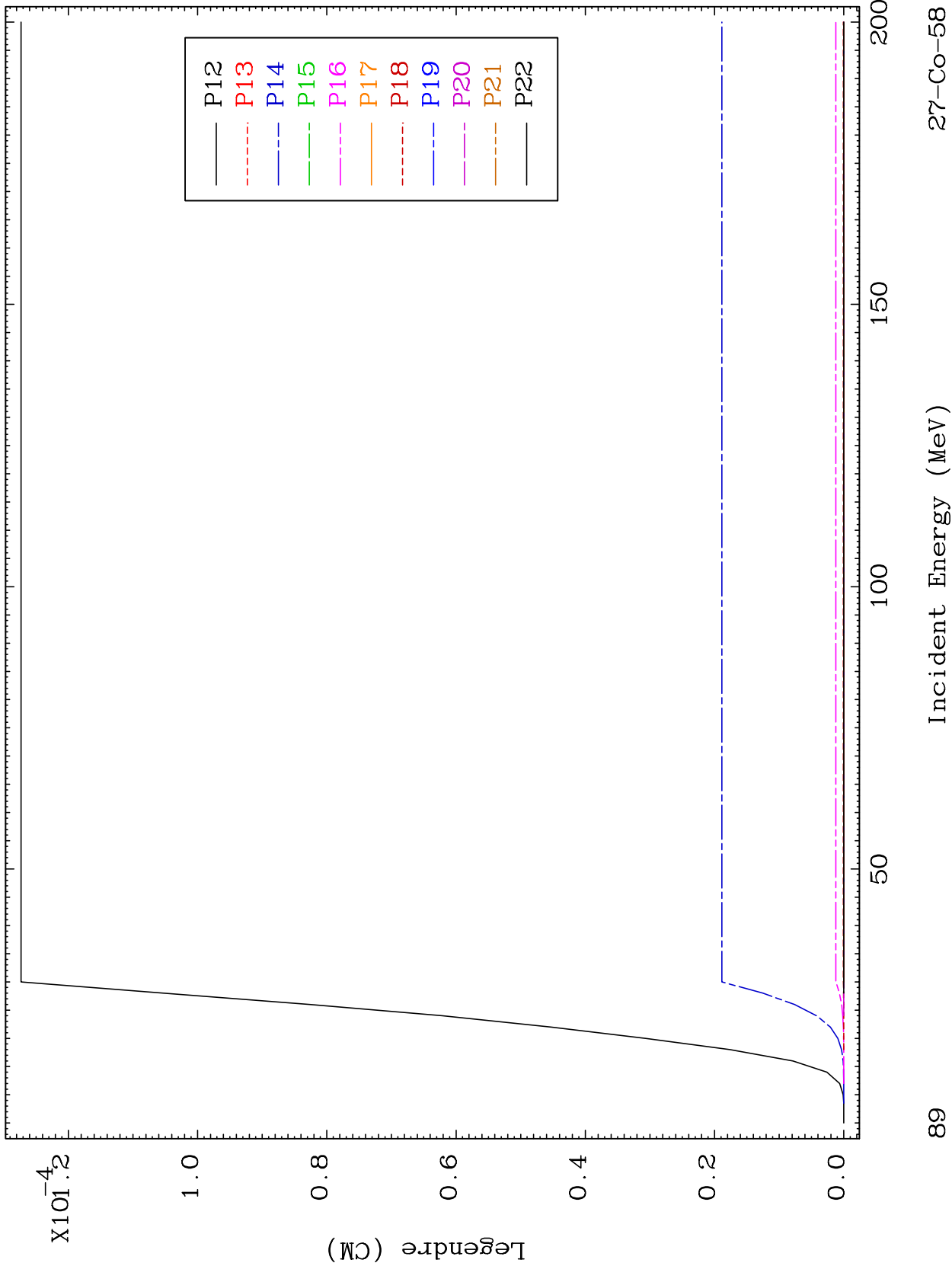
Incident Energy (MeV)

88

MAT 2722

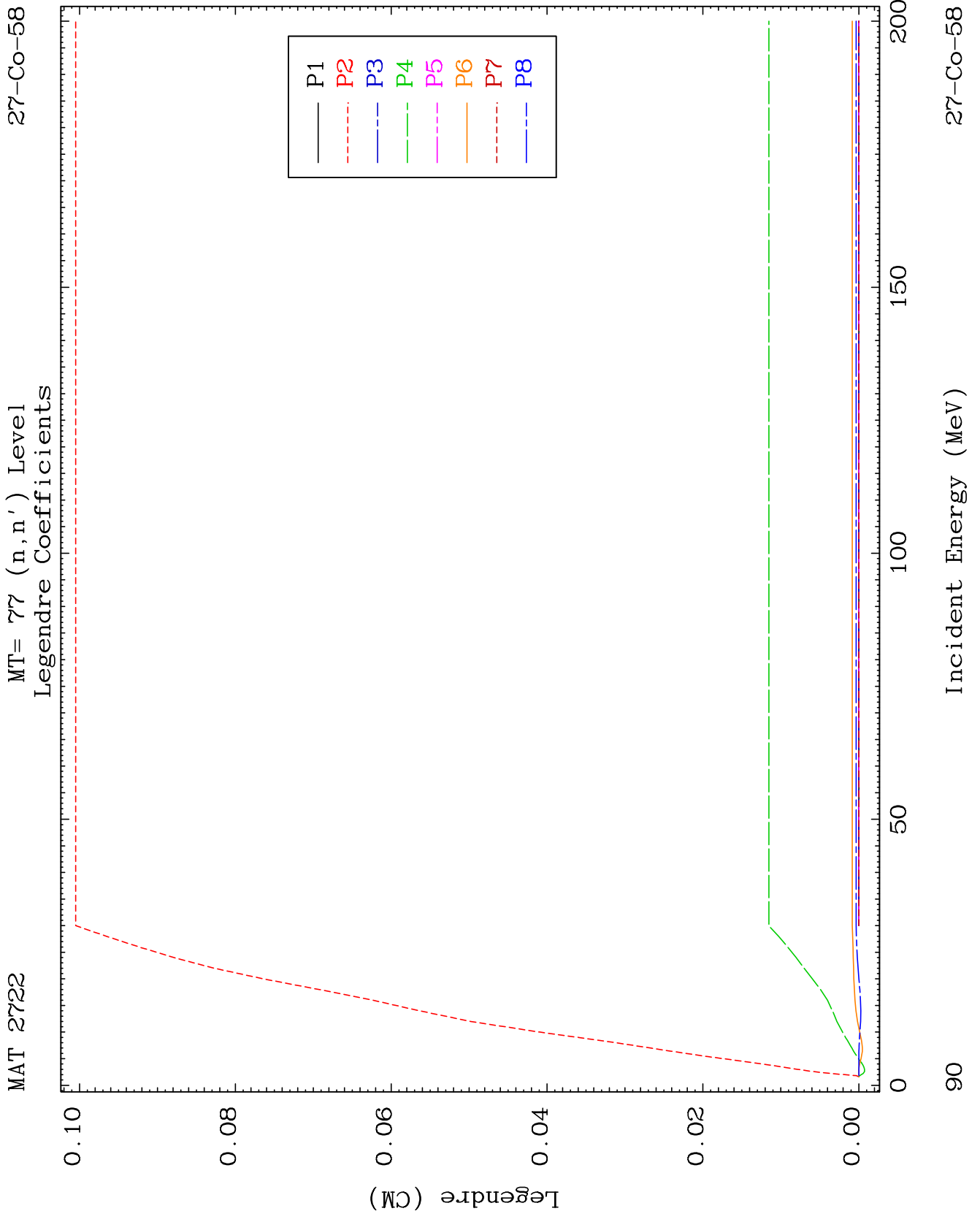
MT= 76 (n,n') Level  
Legendre Coefficients

27-Co-58



89

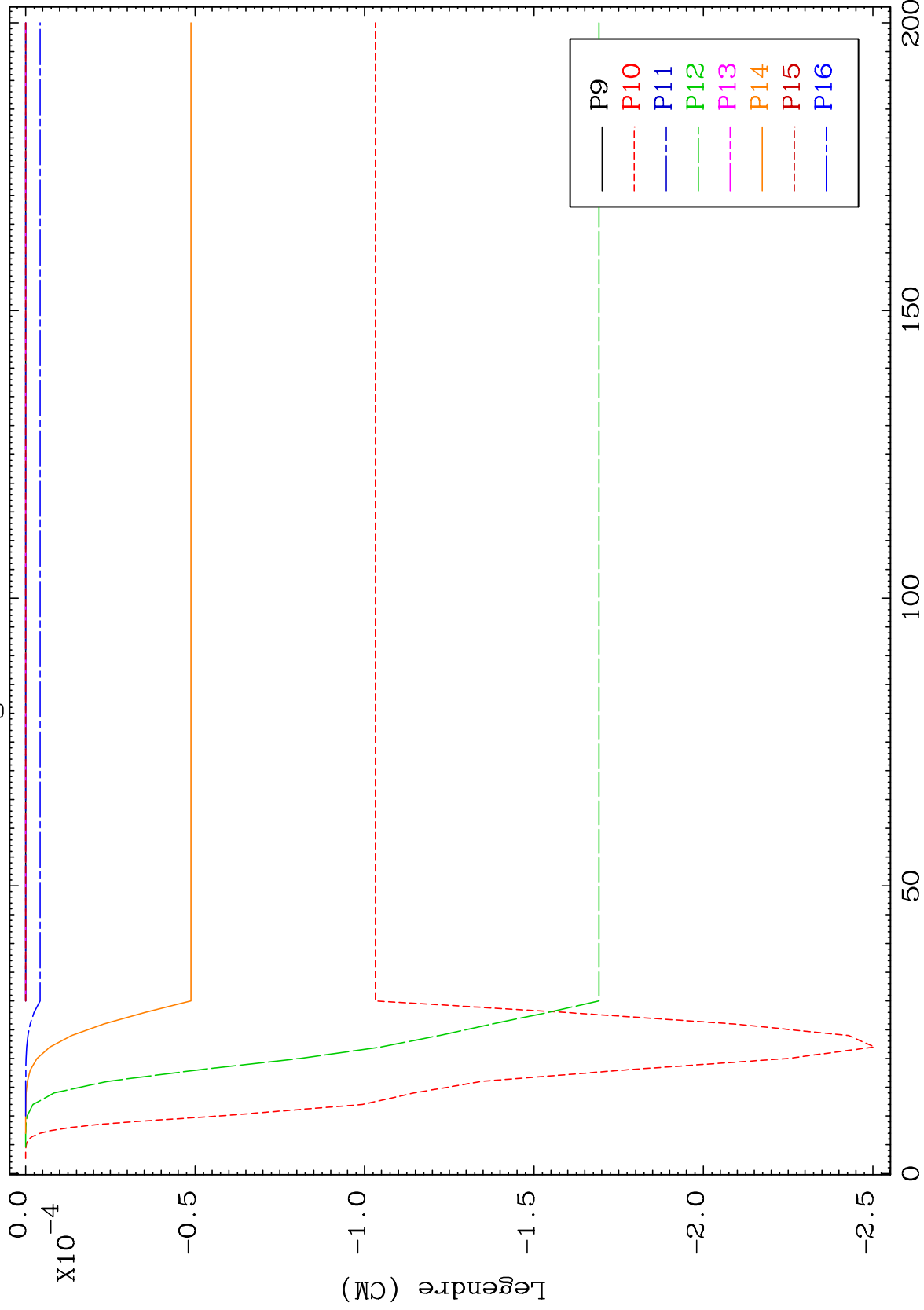
27-Co-58



MAT 2722

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

27-Co-58



91

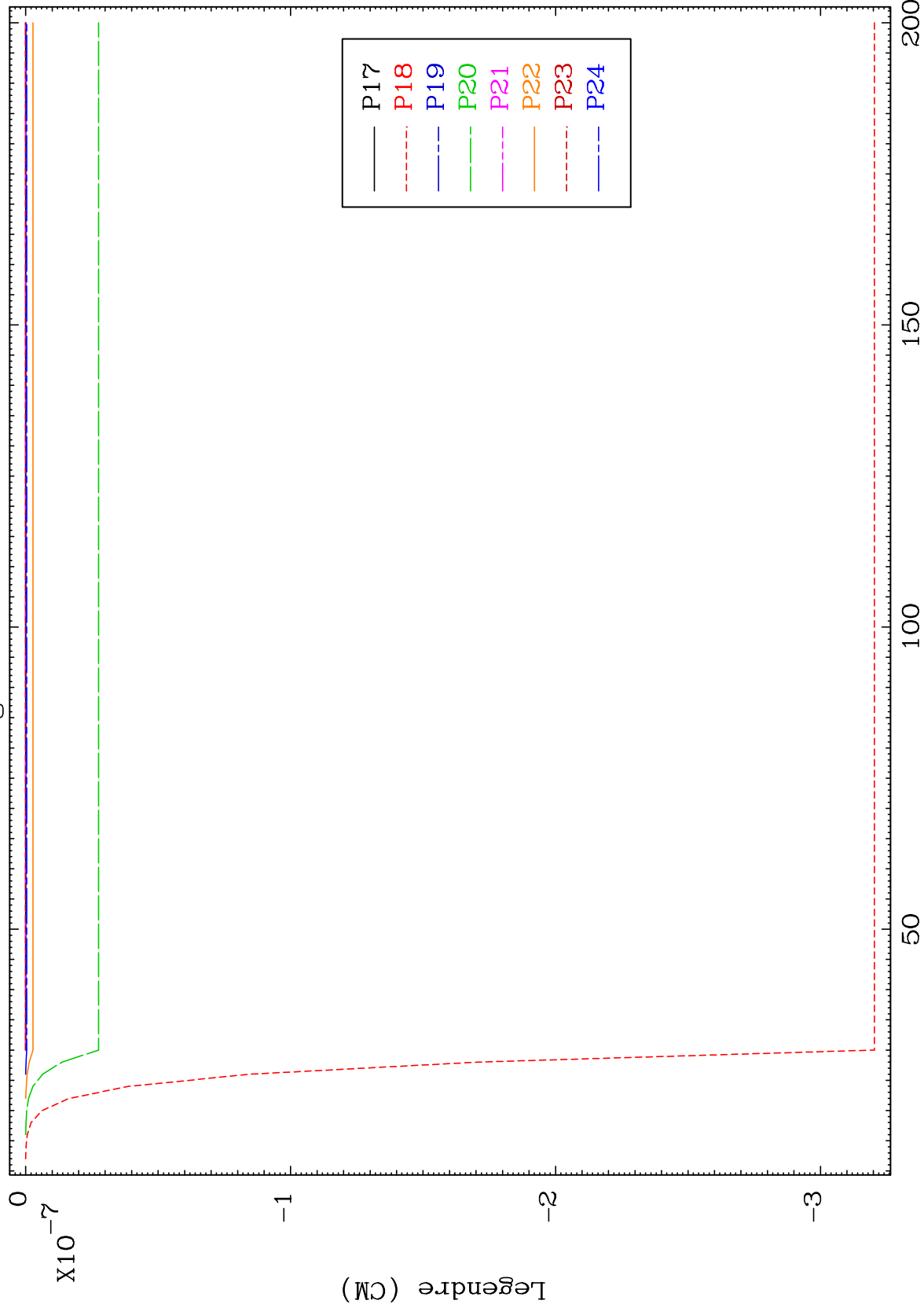
Incident Energy (MeV)

27-Co-58

MAT 2722

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

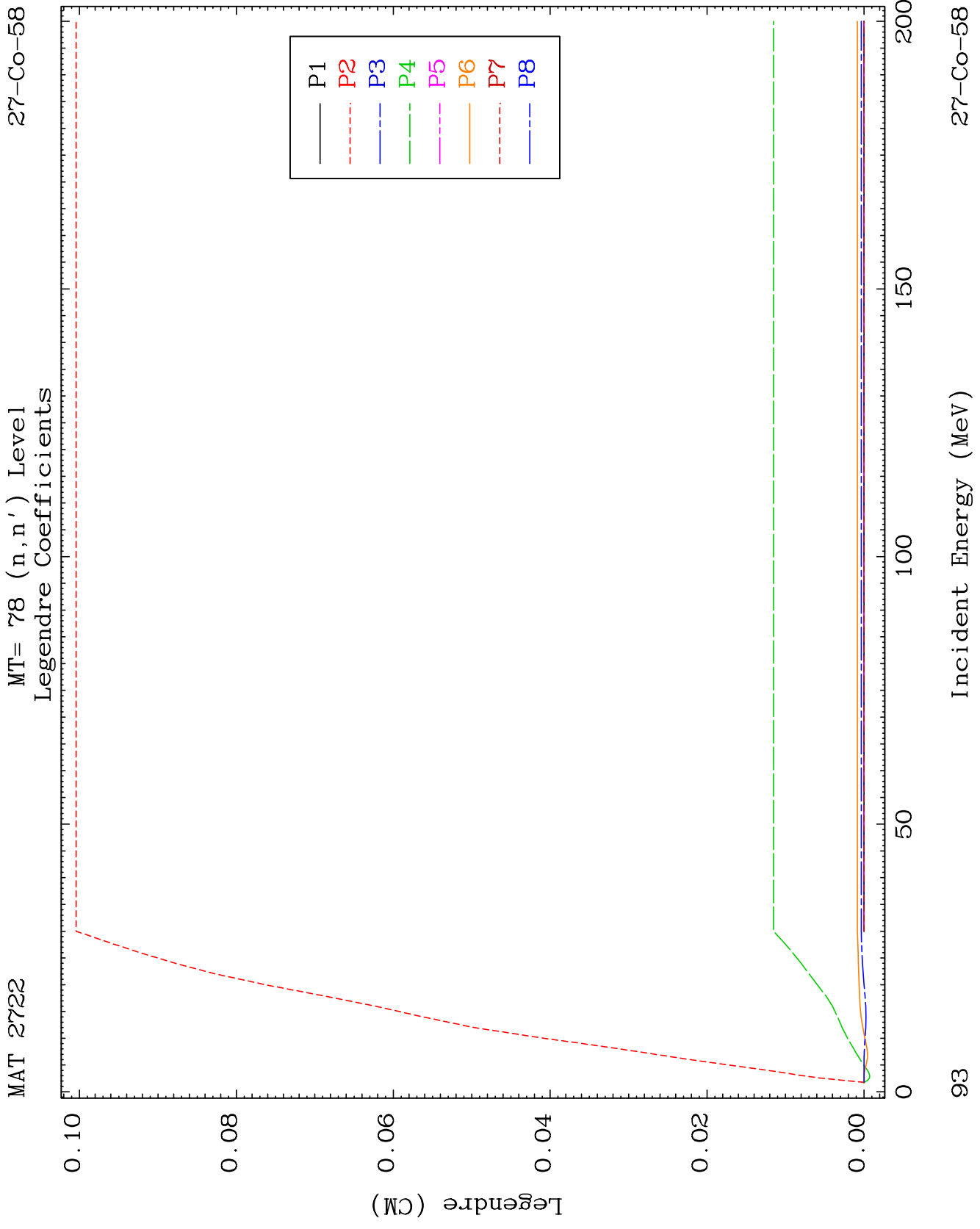
27-Co-58

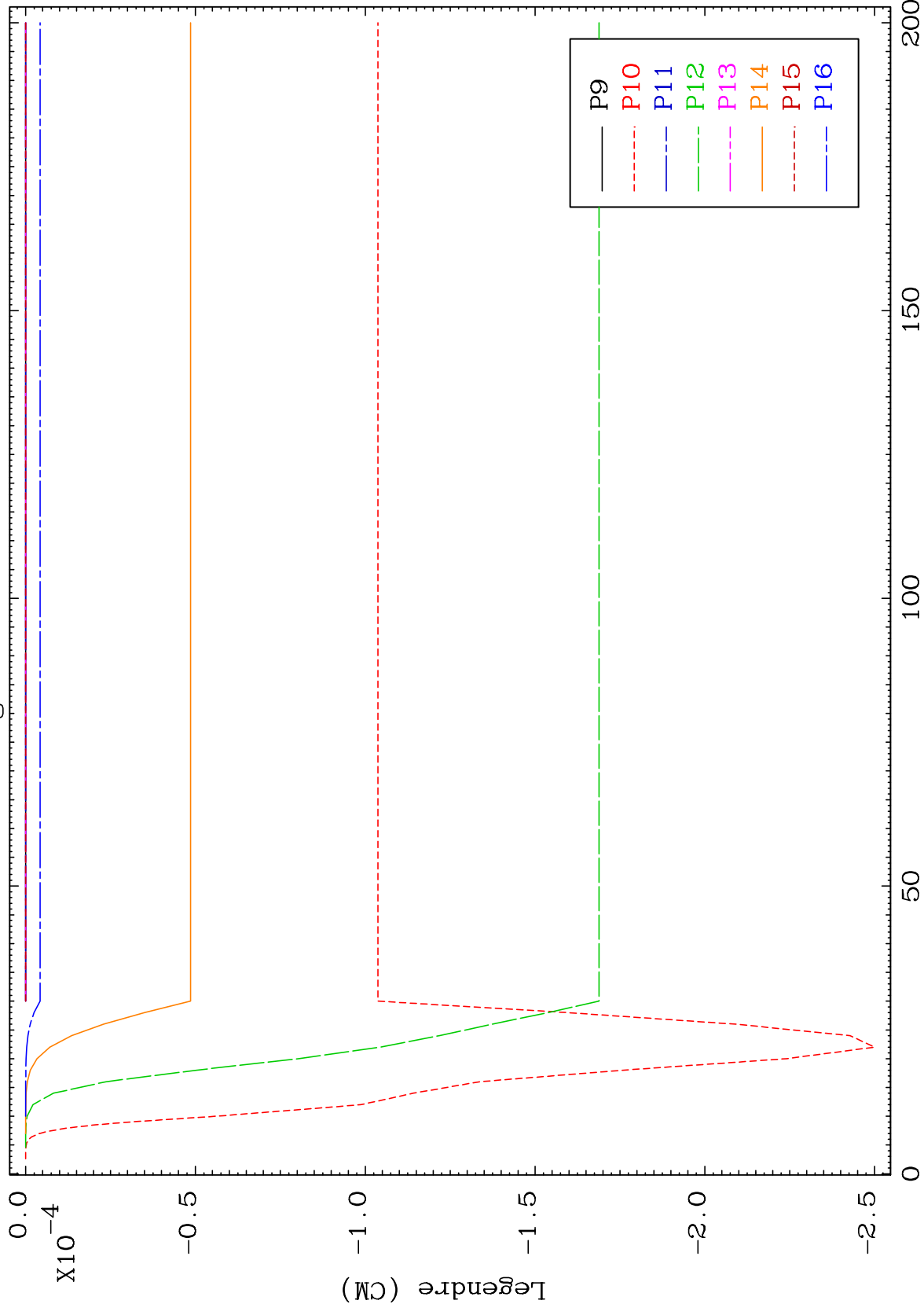


27-Co-58

Incident Energy (MeV)

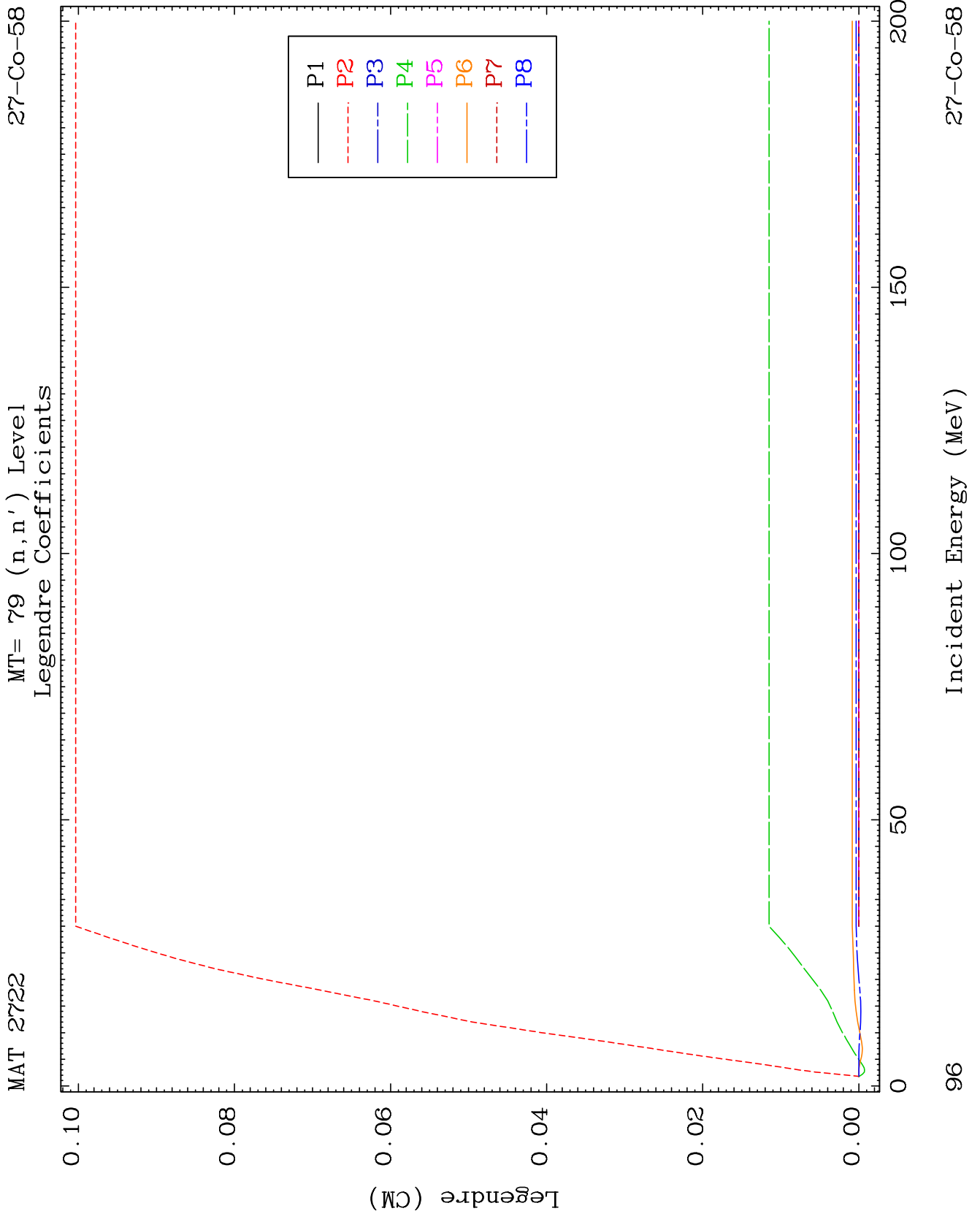
92







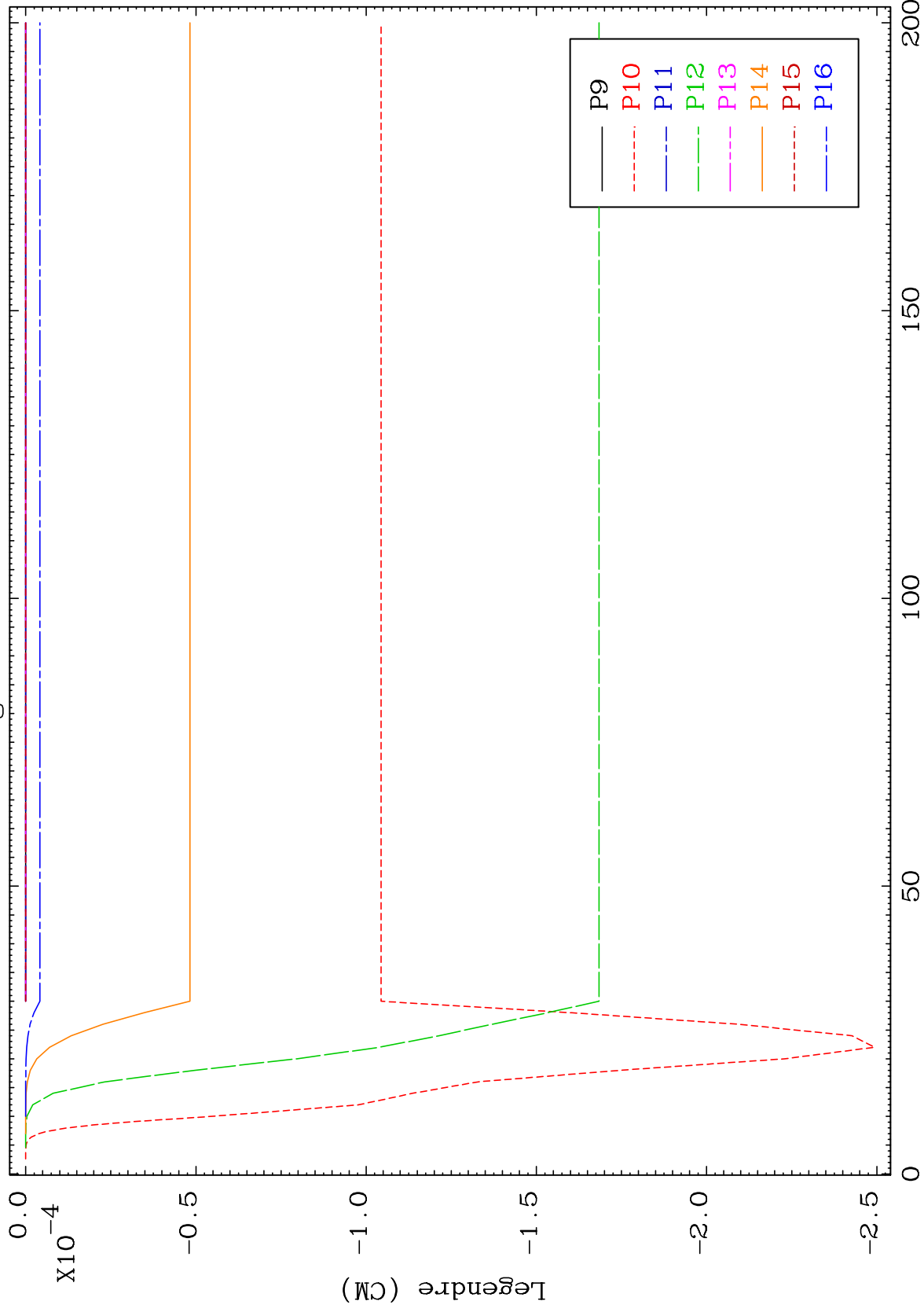




MAT 2722

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

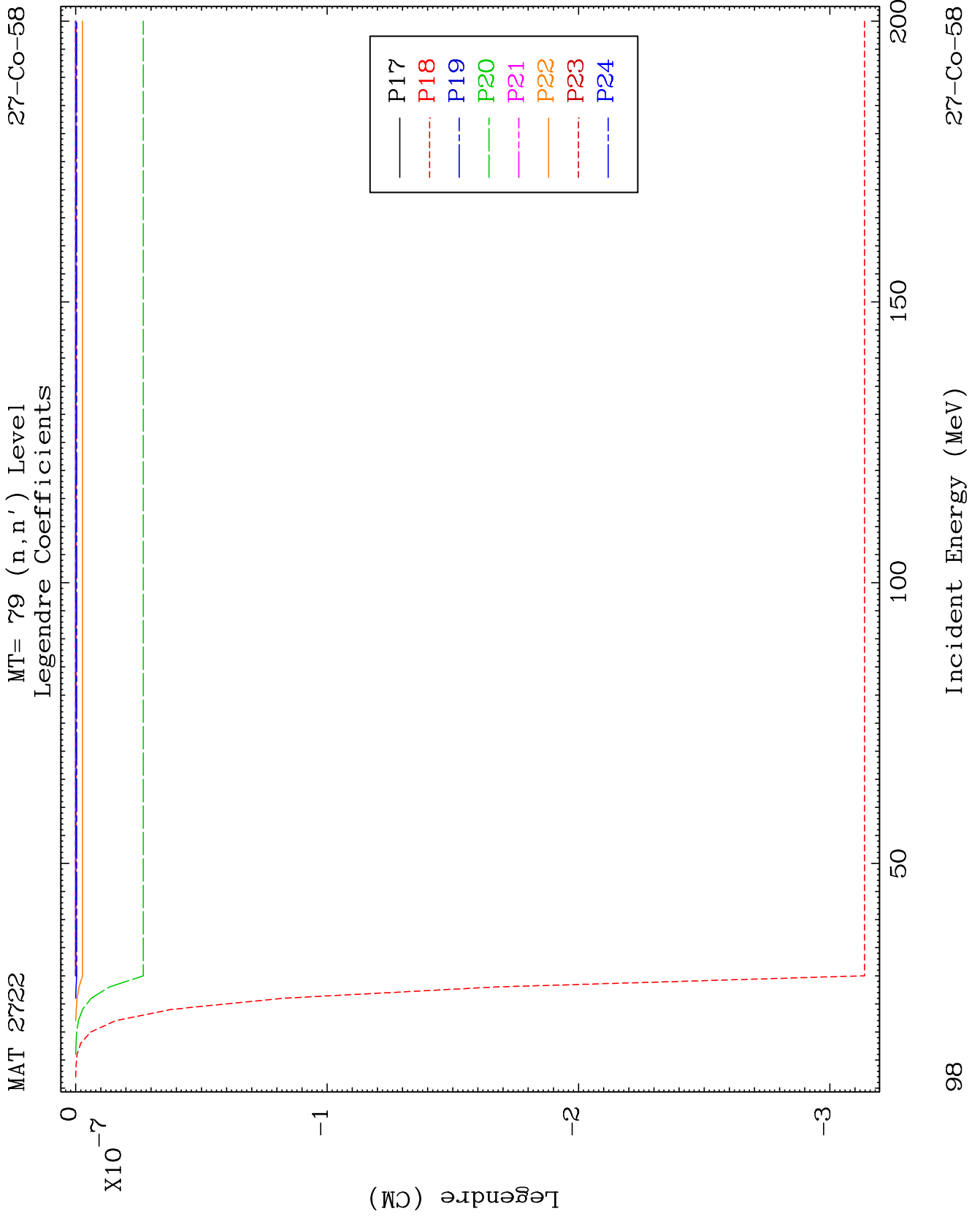
27-Co-58



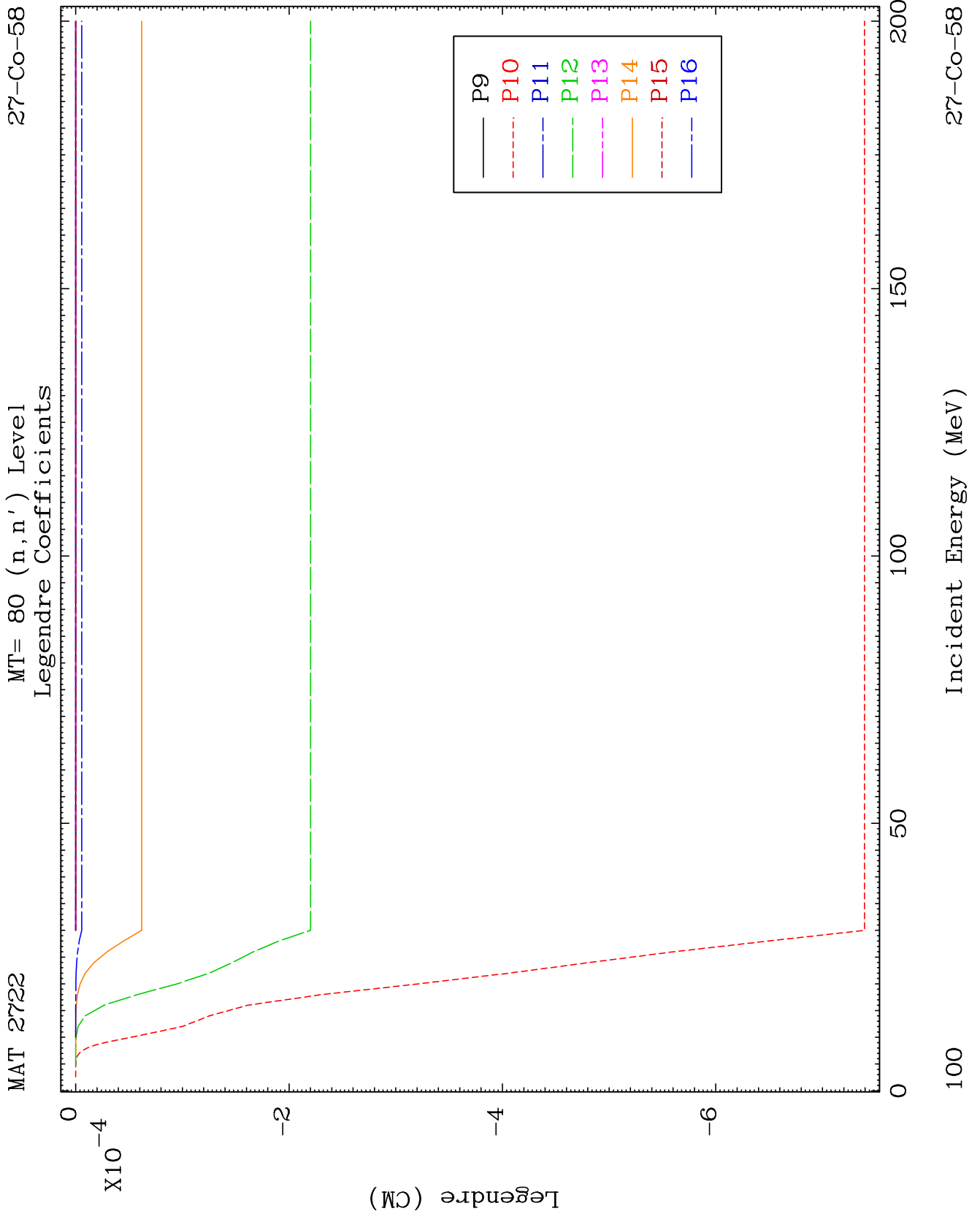
97

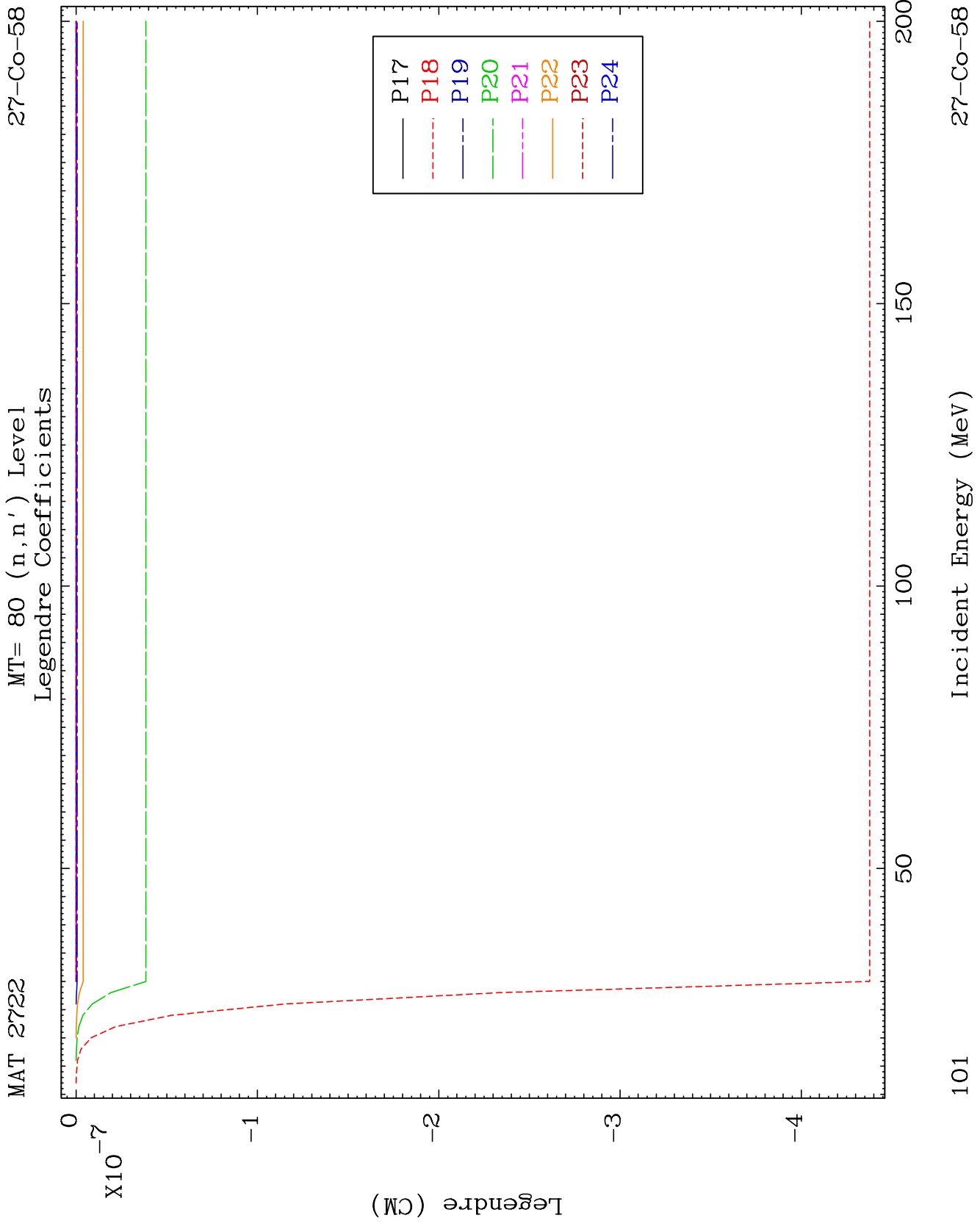
Incident Energy (MeV)

27-Co-58









MAT 2722

<sup>27</sup>Co-58

Radionuclide Production Cross Section



— 27-Co-58g  
- - - 27-Co-58m1

102

<sup>27</sup>Co-58