

Program EVALPLOT  
(Version 2018-1)

by

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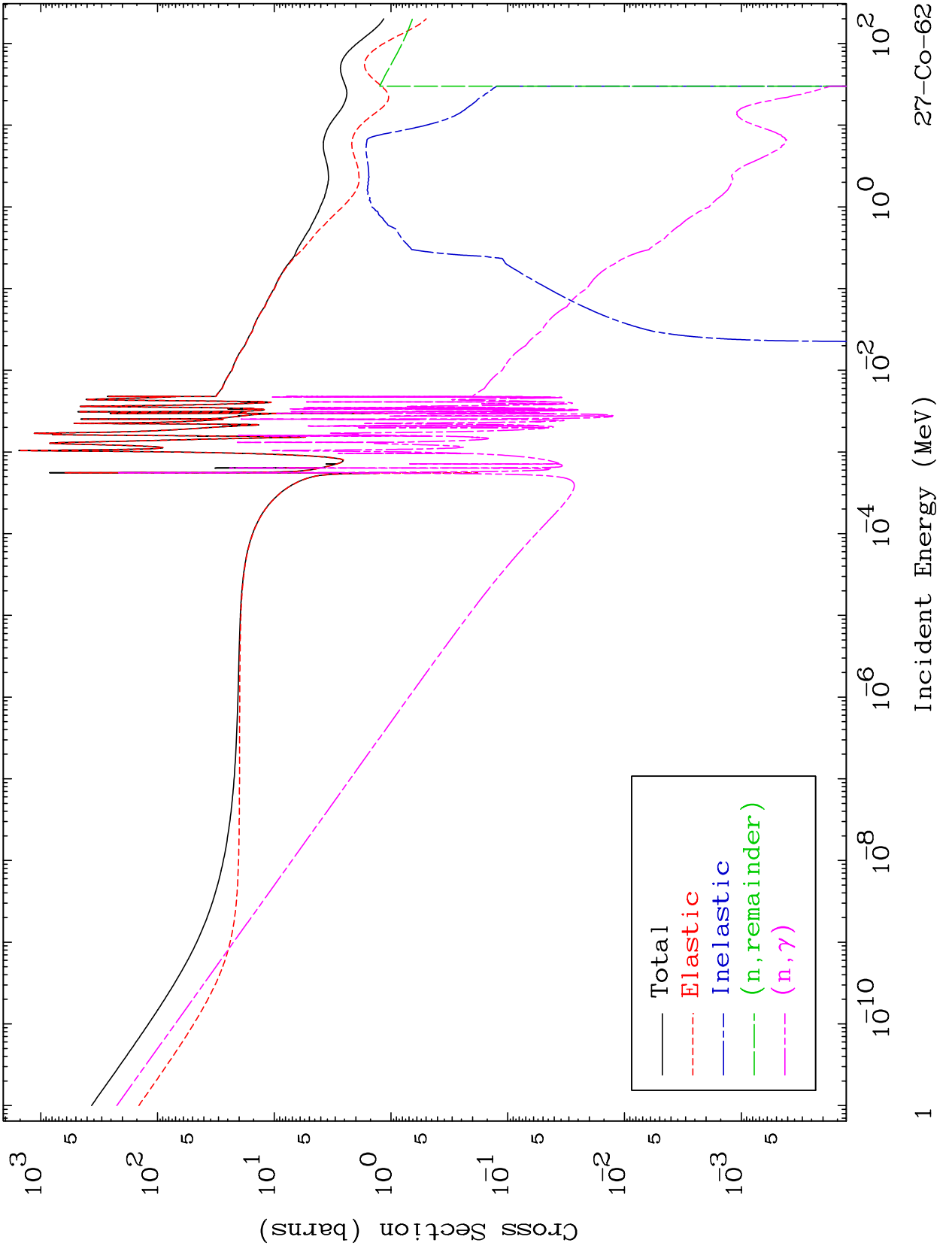
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Press Mouse Button to Start

MAT 2734

Major  
293 Kelvin Cross Sections

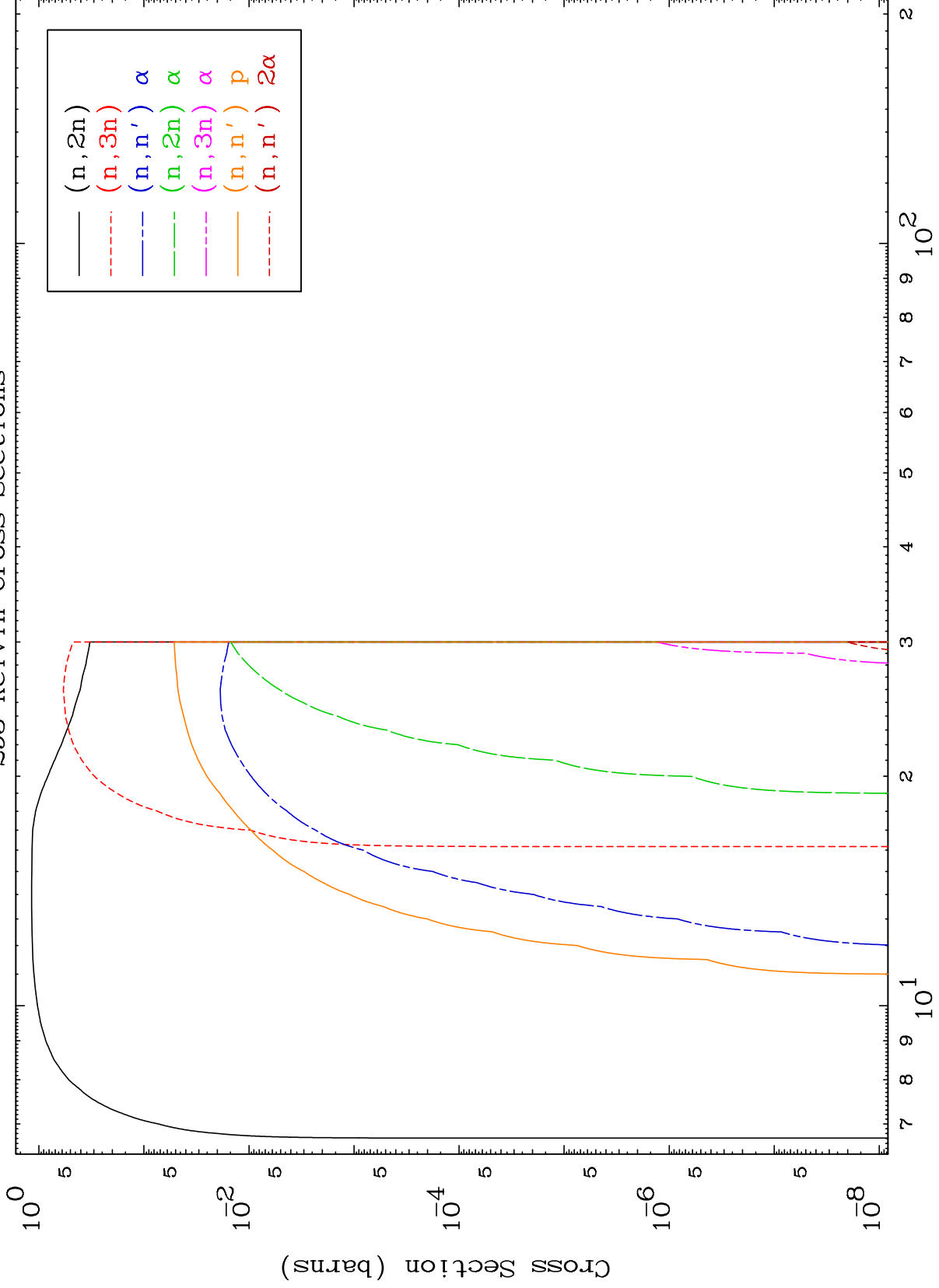
27-Co-62



MAT 2734

Neutron Production  
293 Kelvin Cross Sections

27-Co-62



2

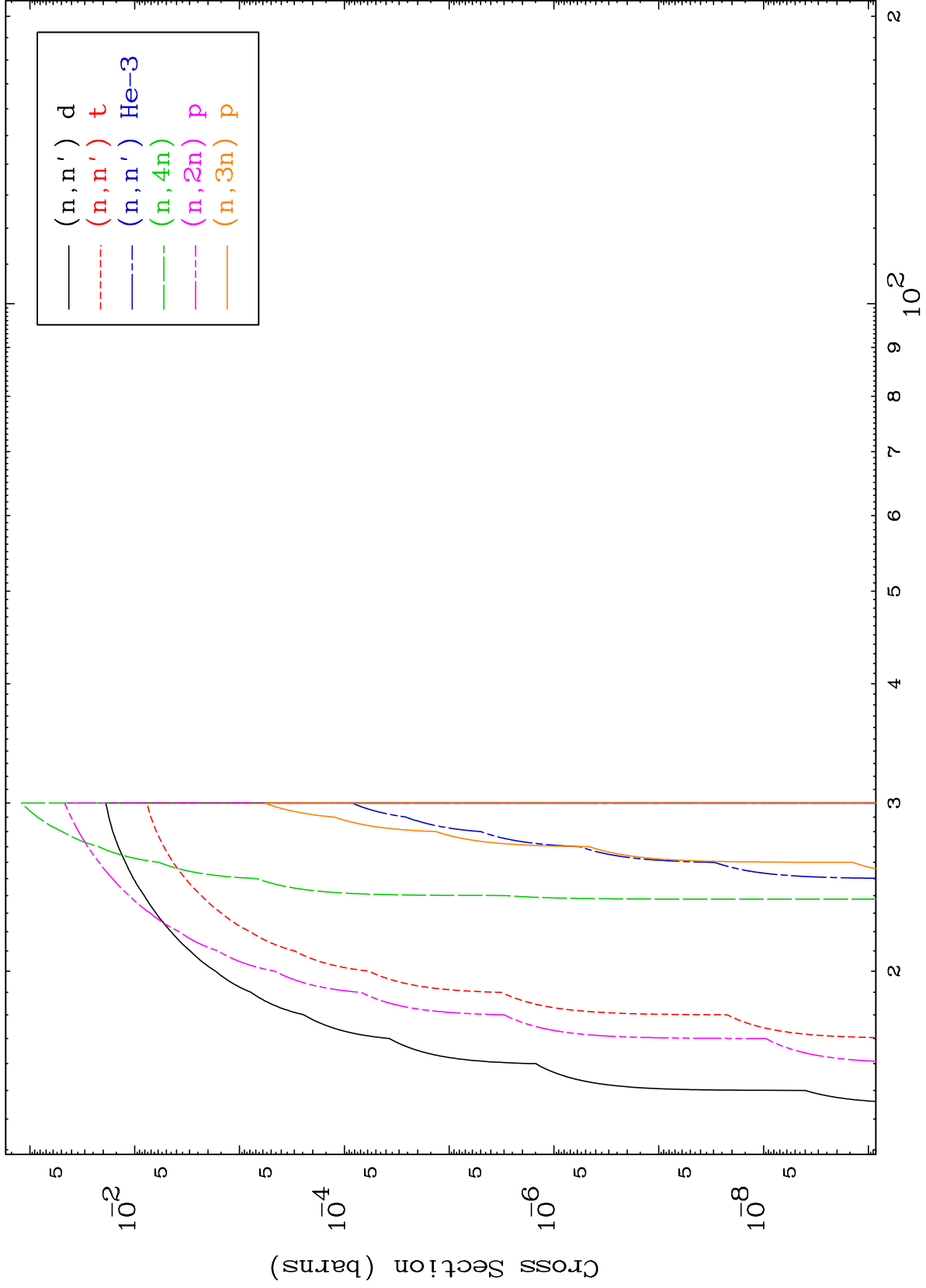
Incident Energy (MeV)

27-Co-62

MAT 2734

Neutron Production  
293 Kelvin Cross Sections

27-Co-62



3

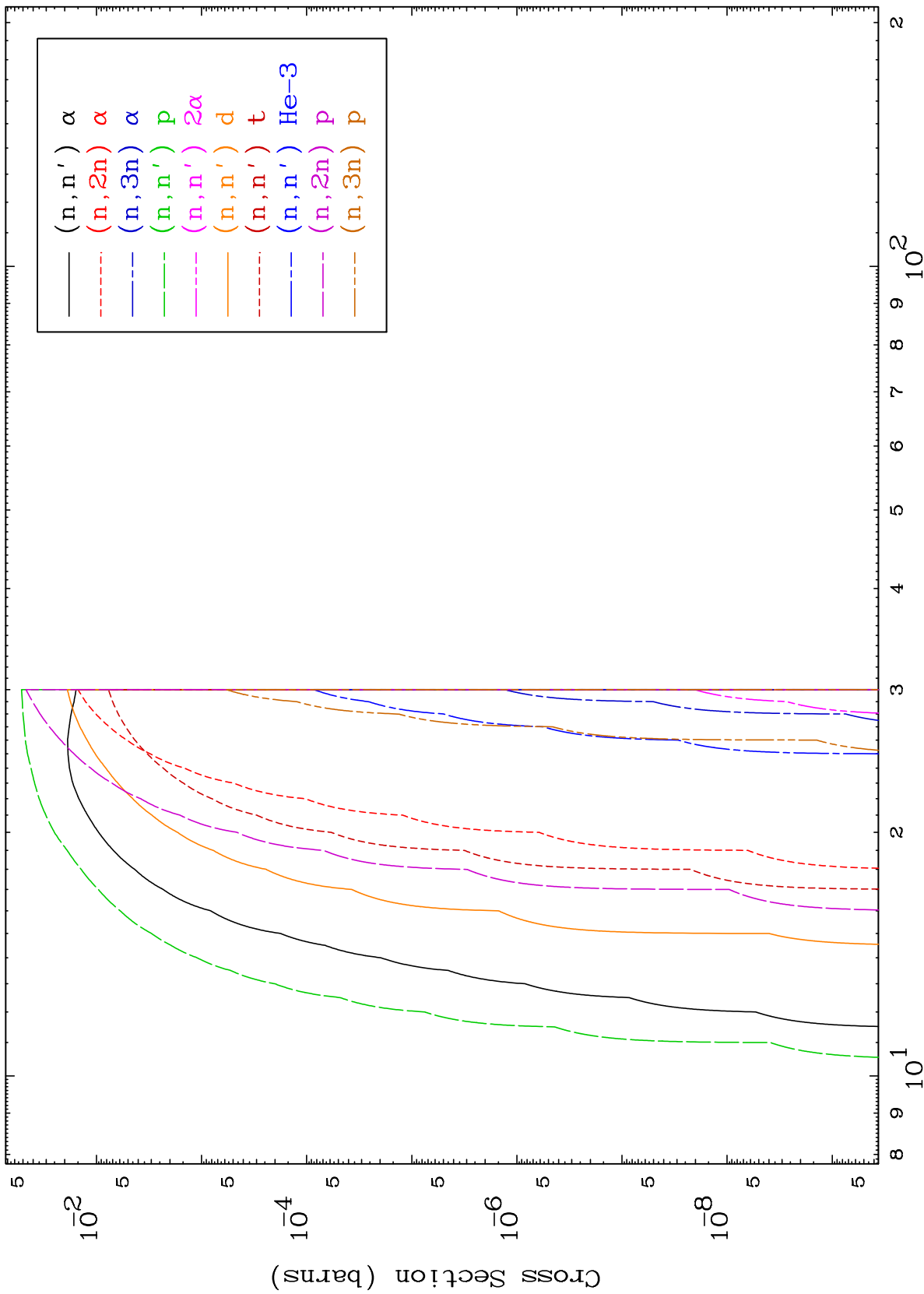
Incident Energy (MeV)

27-Co-62

MAT 2734

Charged Particle  
293 Kelvin Cross Sections

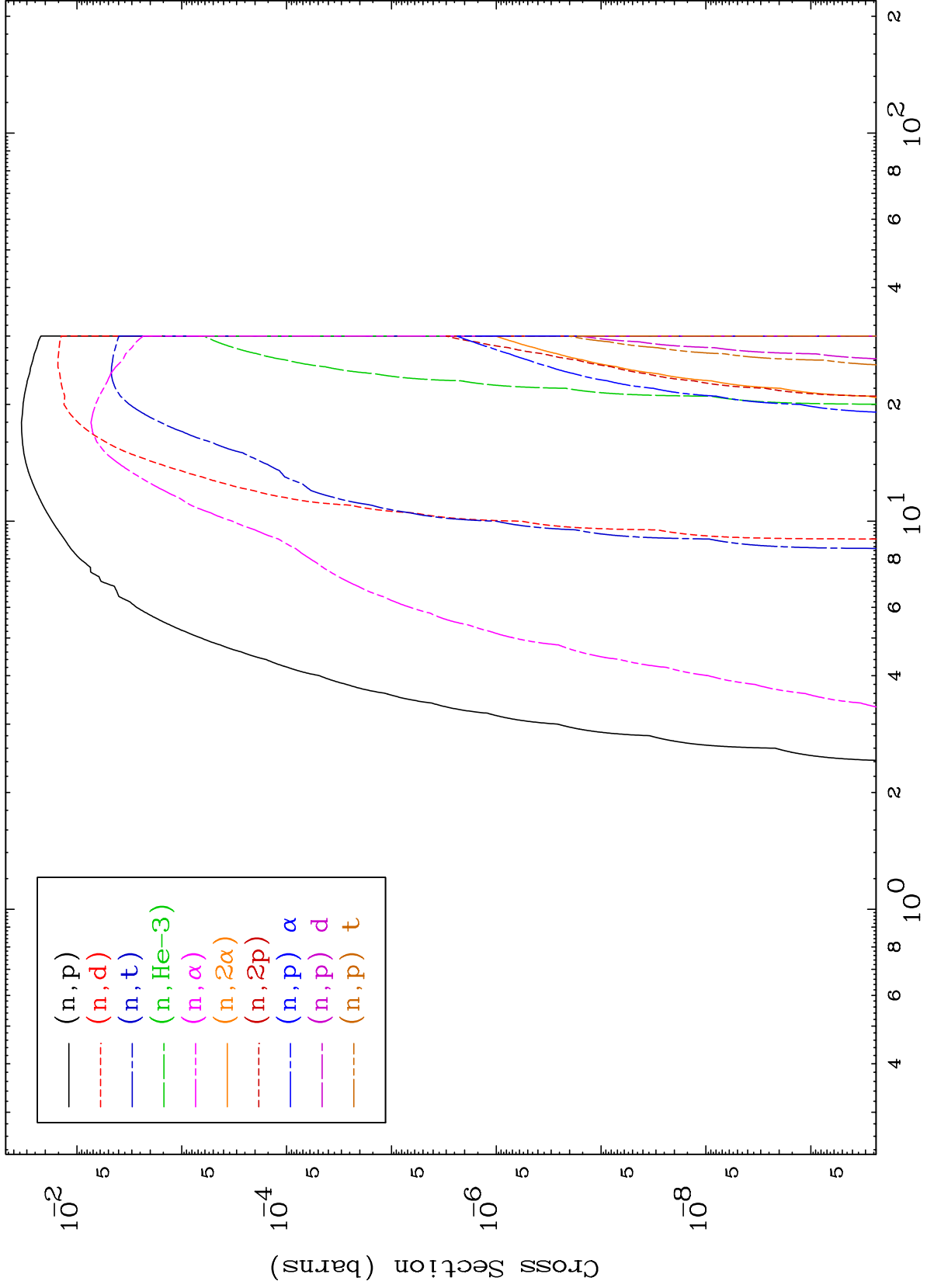
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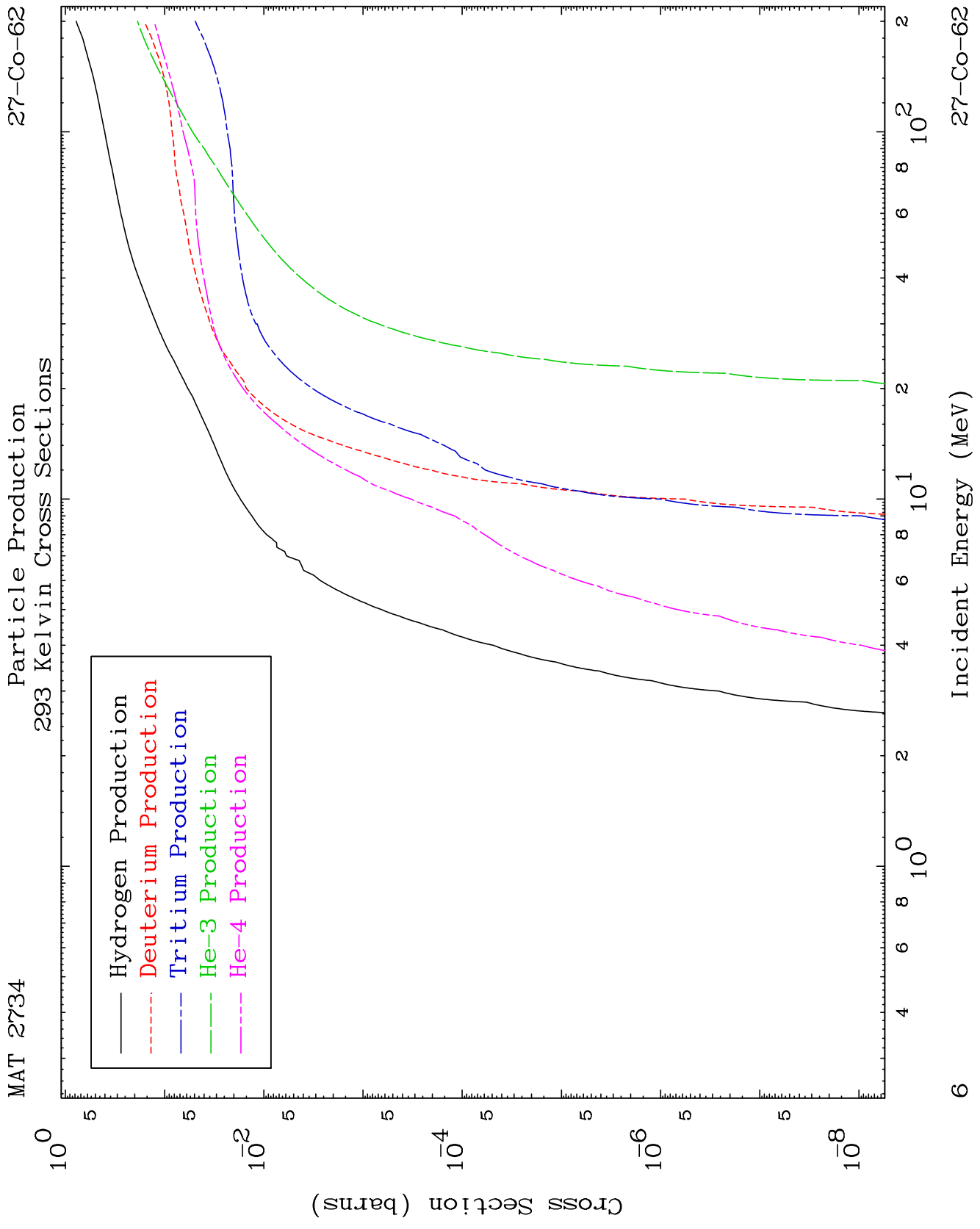


Incident Energy (MeV)

27-Co-62

4

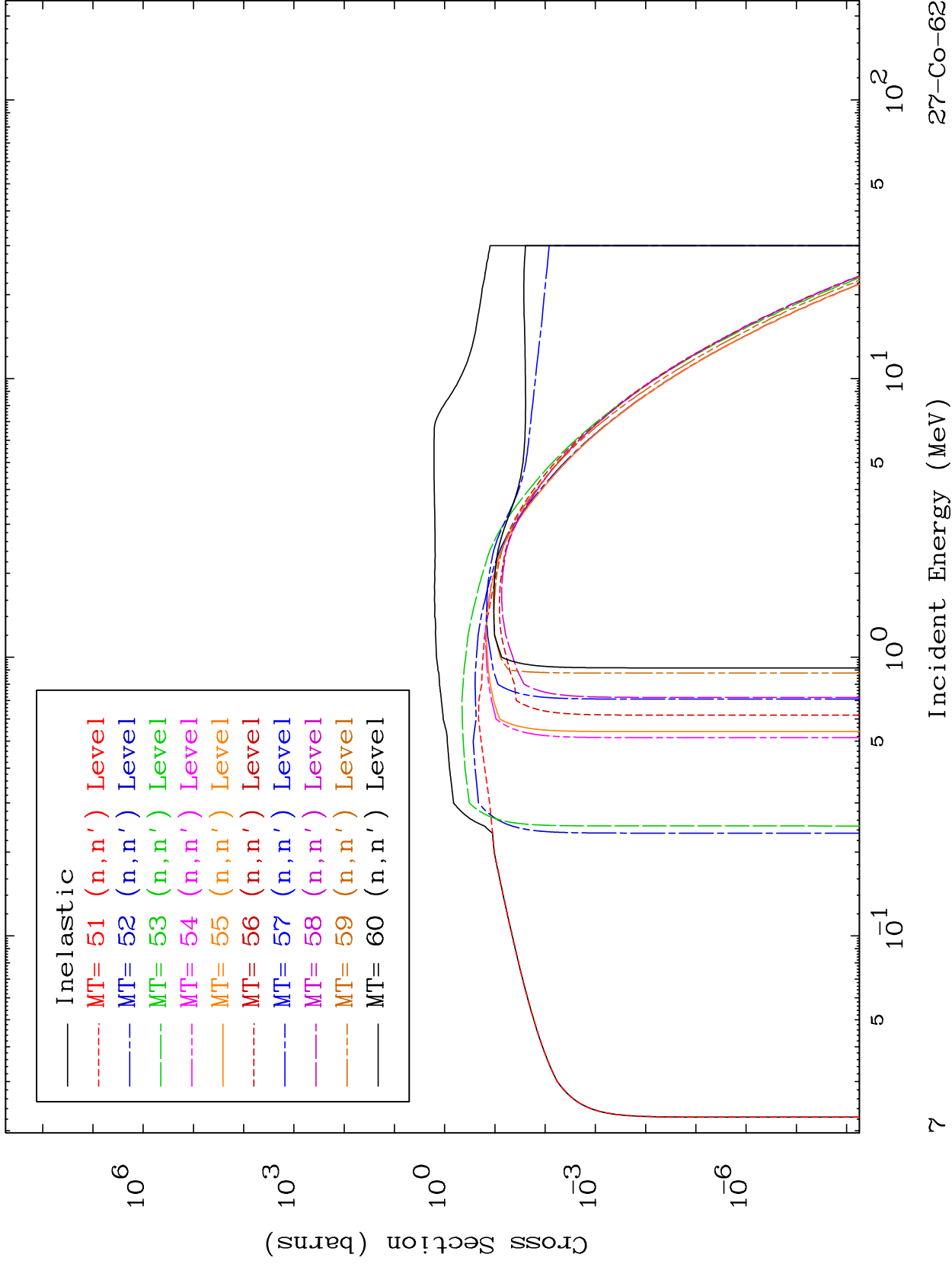




MAT 2734

(n,n') Level  
293 Kelvin Cross Sections

27-Co-62



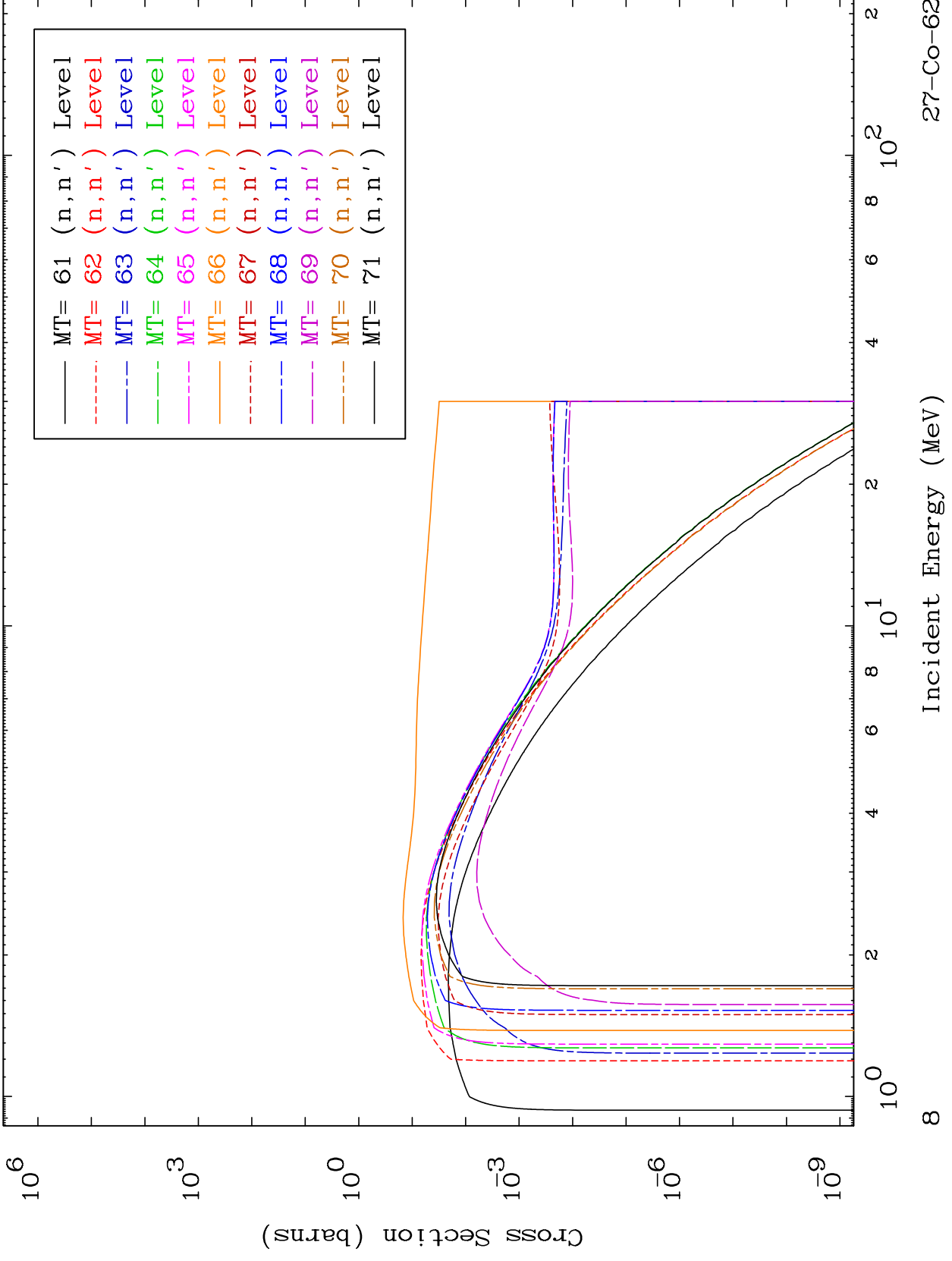


MAT 2734

(n,n') Level

27-Co-62

293 Kelvin Cross Sections



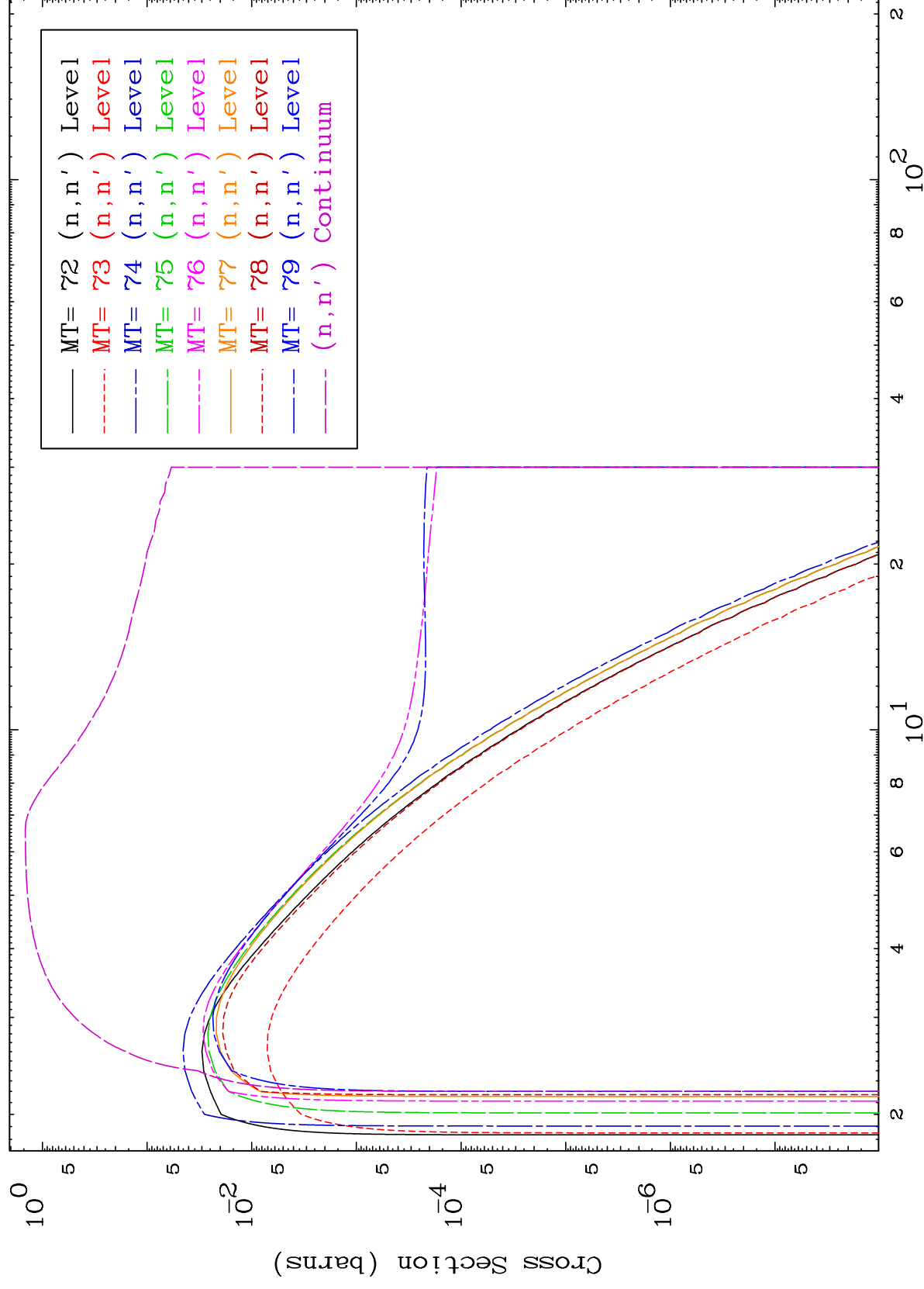
27-Co-62

MAT 2734

(n,n') Level

293 Kelvin Cross Sections

27-Co-62



9

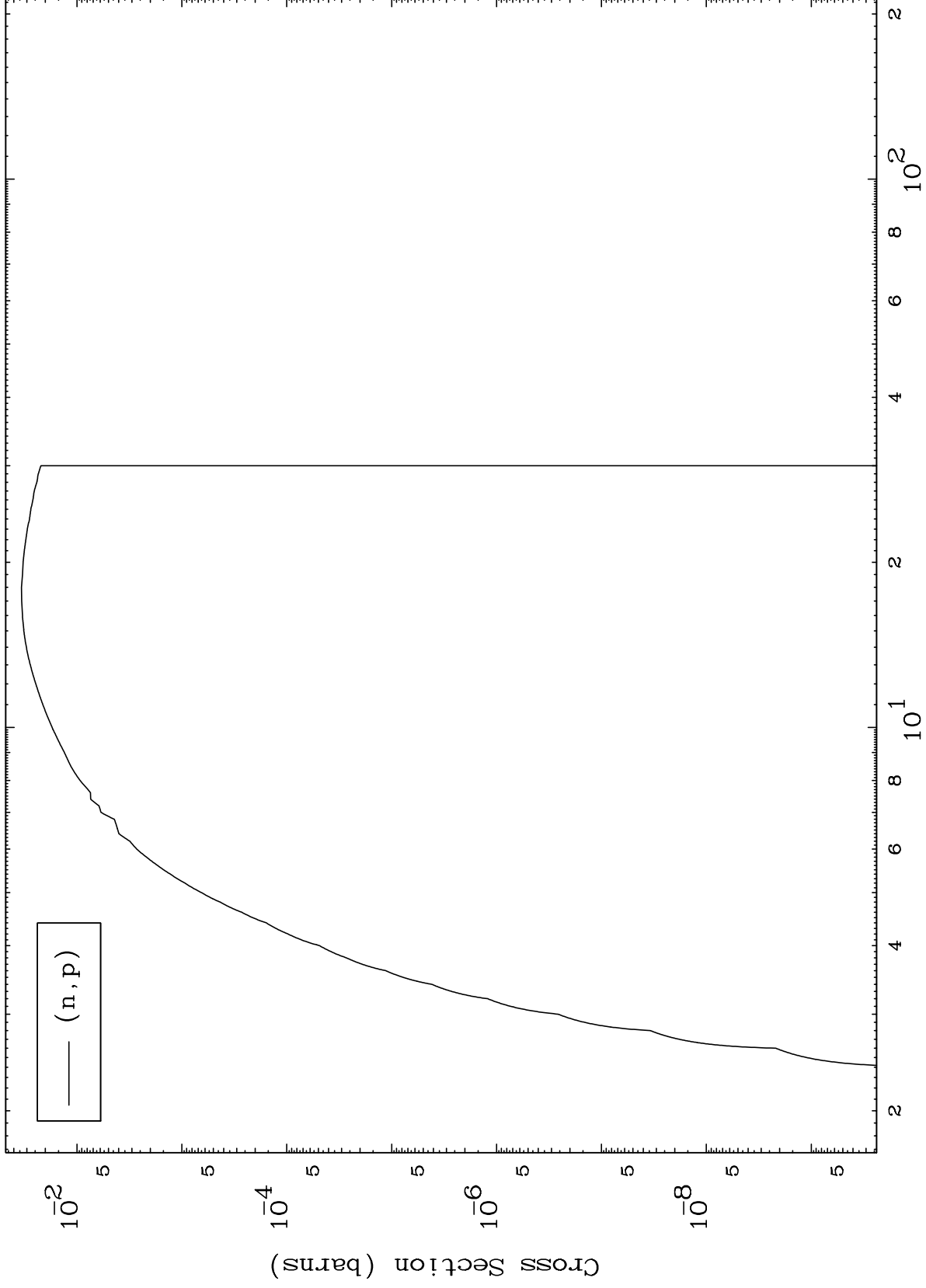
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,p) Levels  
293 Kelvin Cross Sections

27-Co-62



10

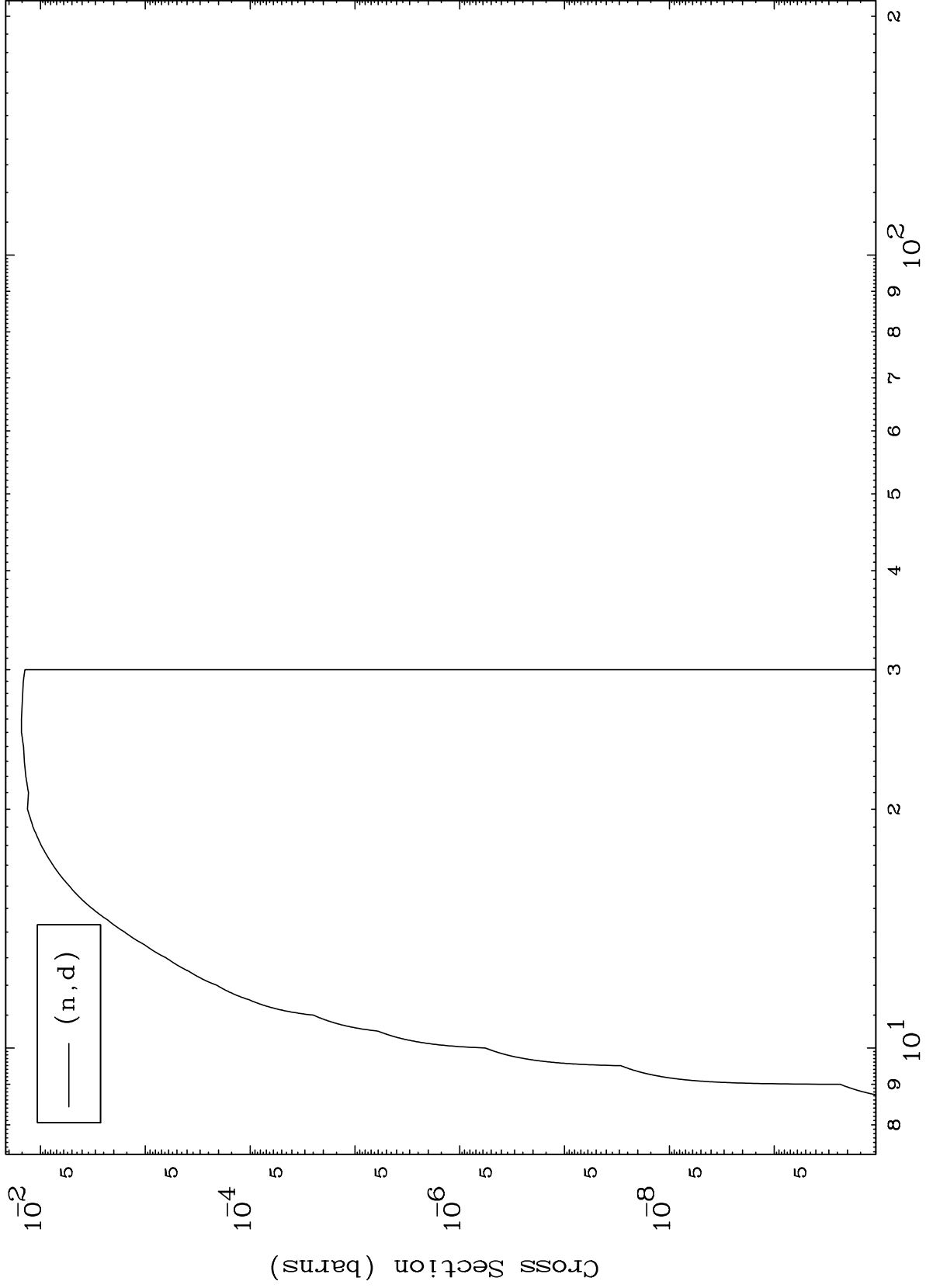
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-62



11

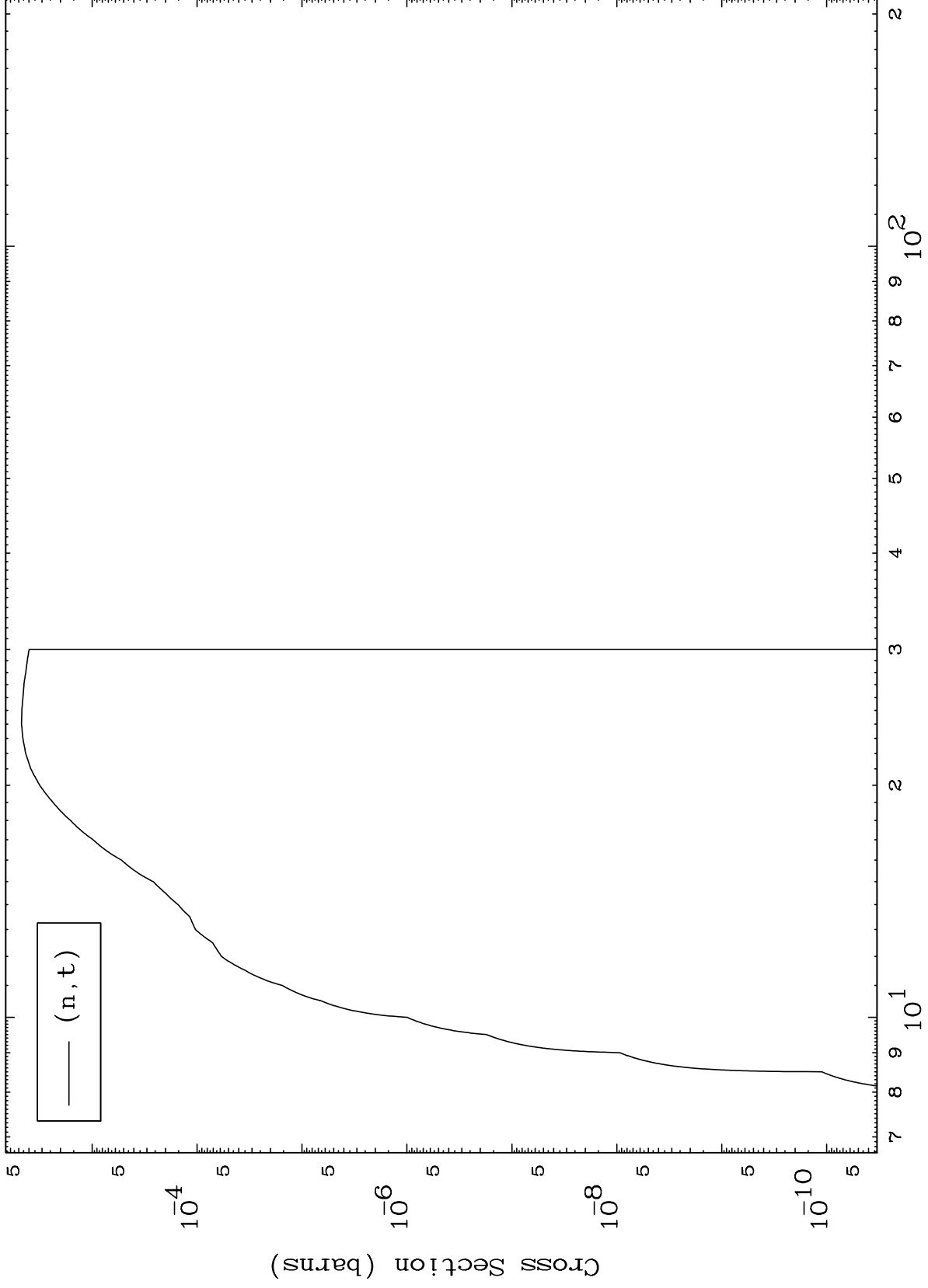
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-62



12

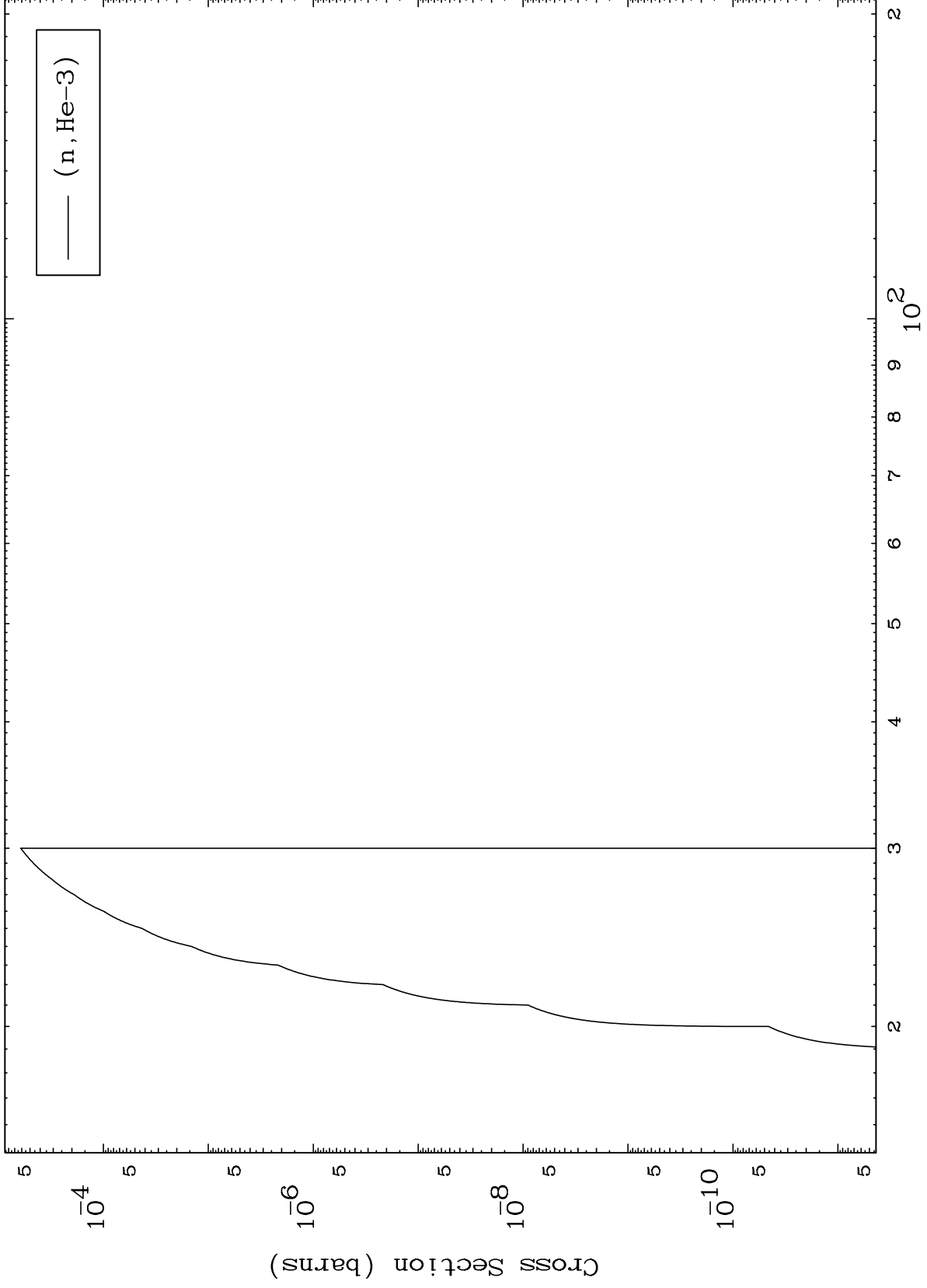
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,He3) Levels  
293 Kelvin Cross Sections

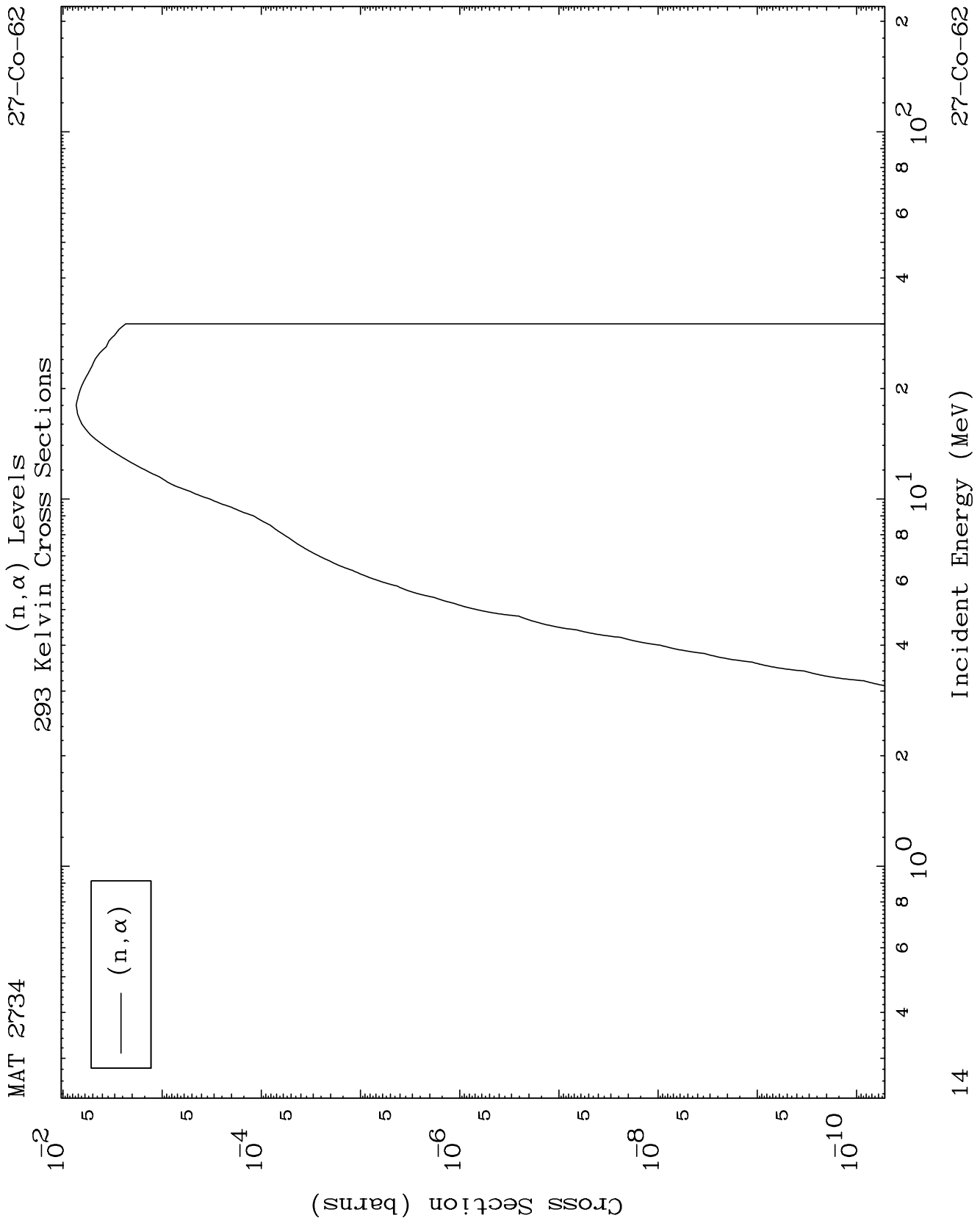
27-Co-62



13

Incident Energy (MeV)

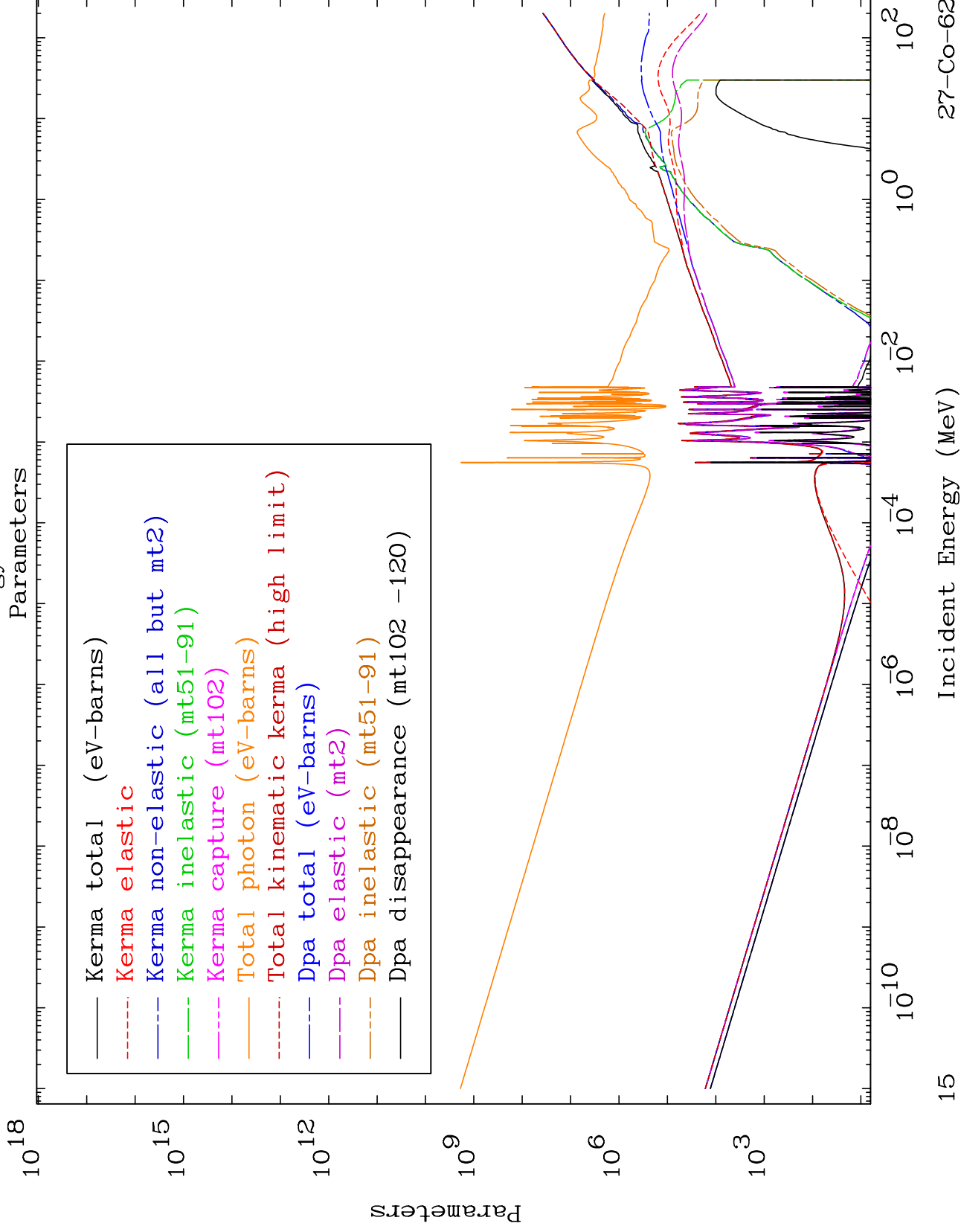
27-Co-62



MAT 2734

Energy Release  
Parameters

27-Co-62

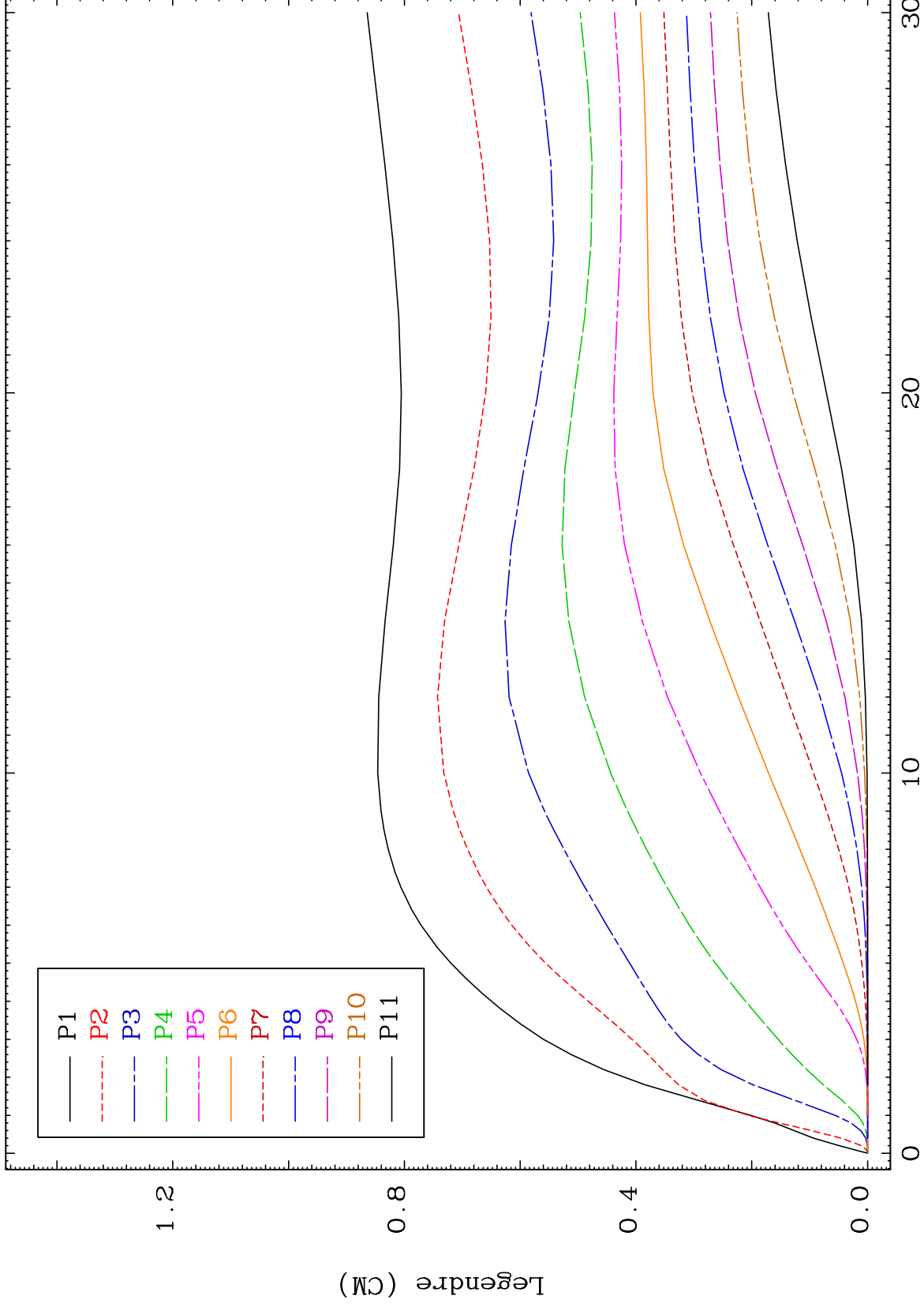




MAT 2734

Elastic Legendre Coefficients

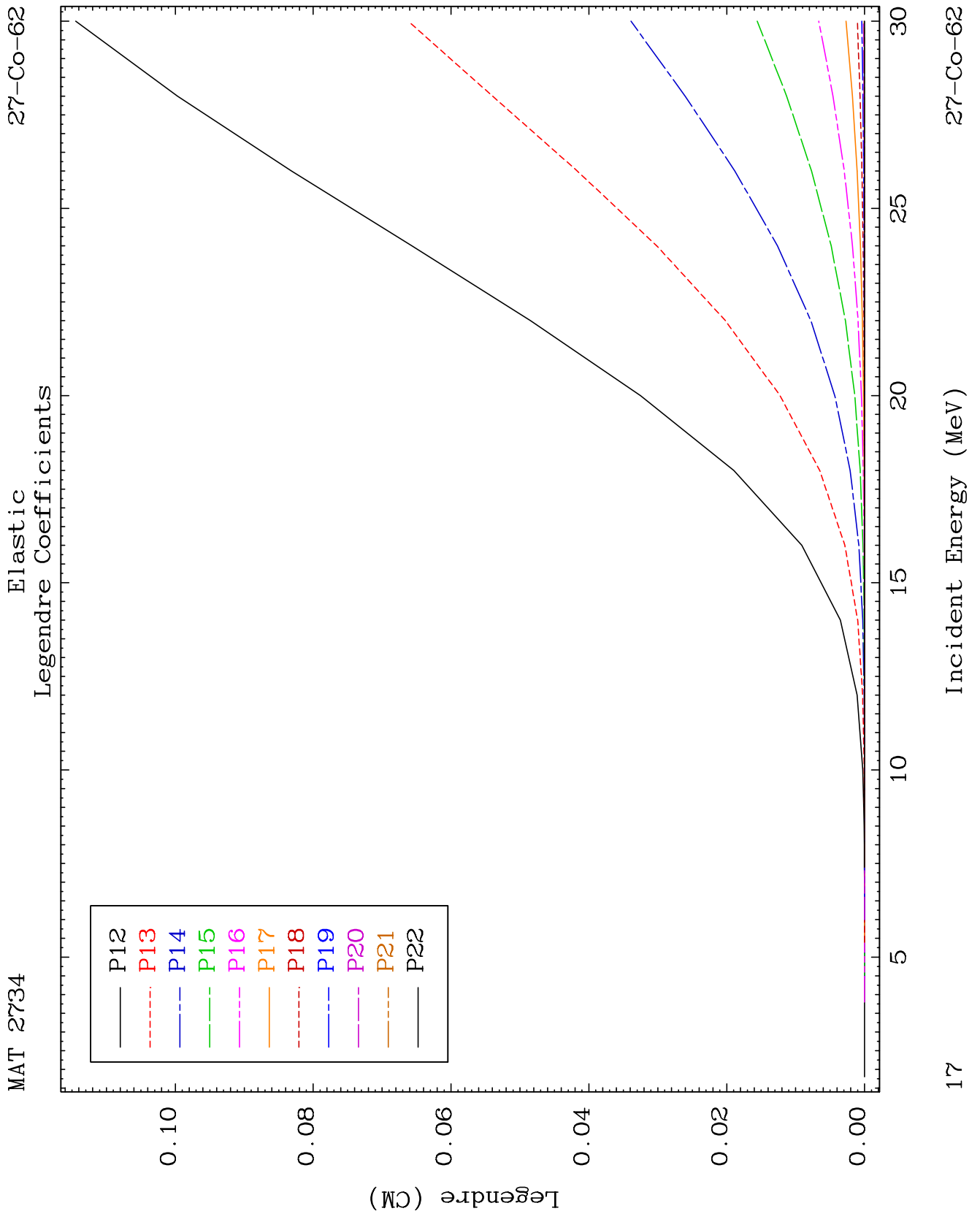
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Incident Energy (MeV)

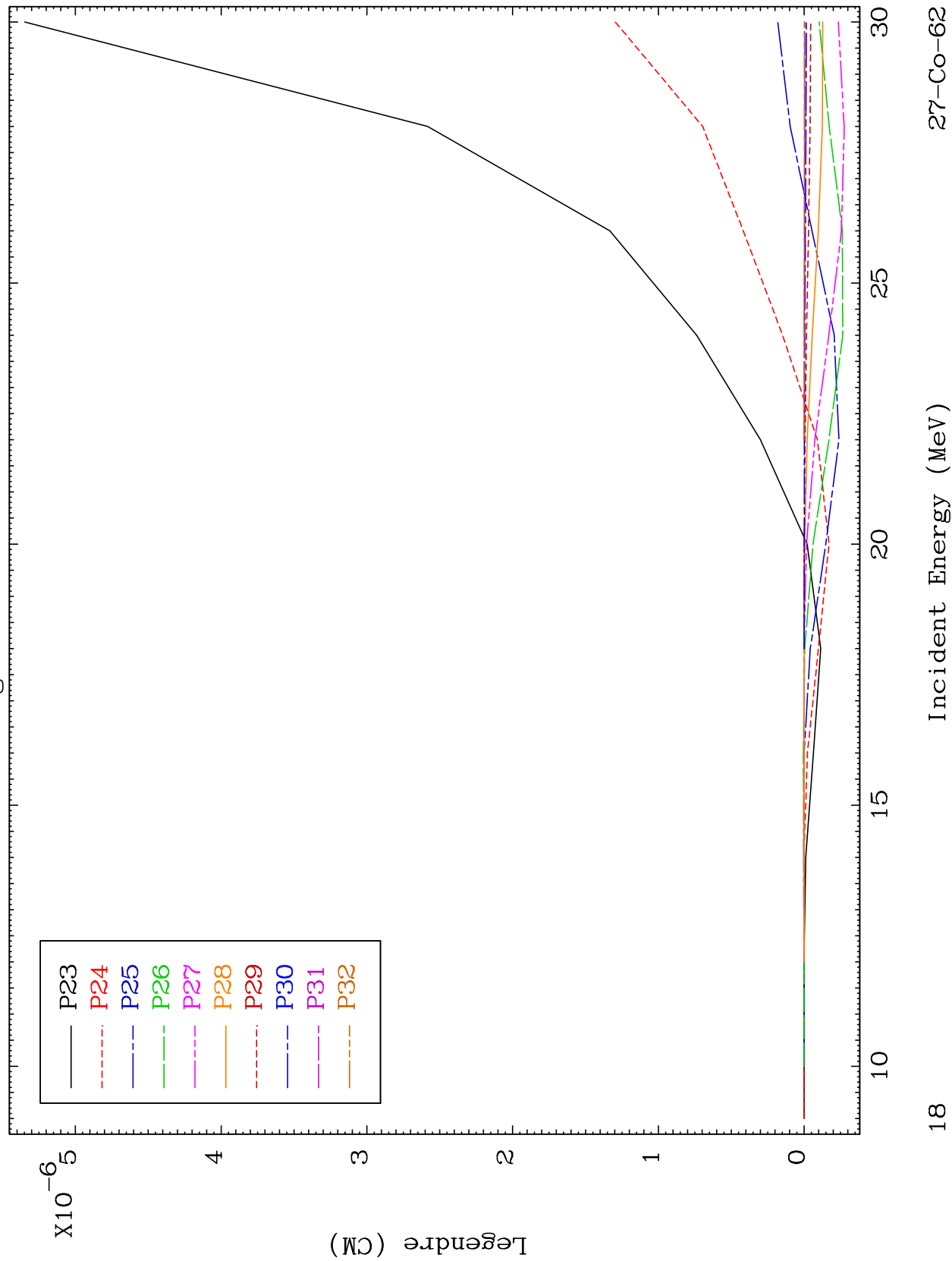
27-Co-62



MAT 2734

Elastic Legendre Coefficients

27-Co-62



18

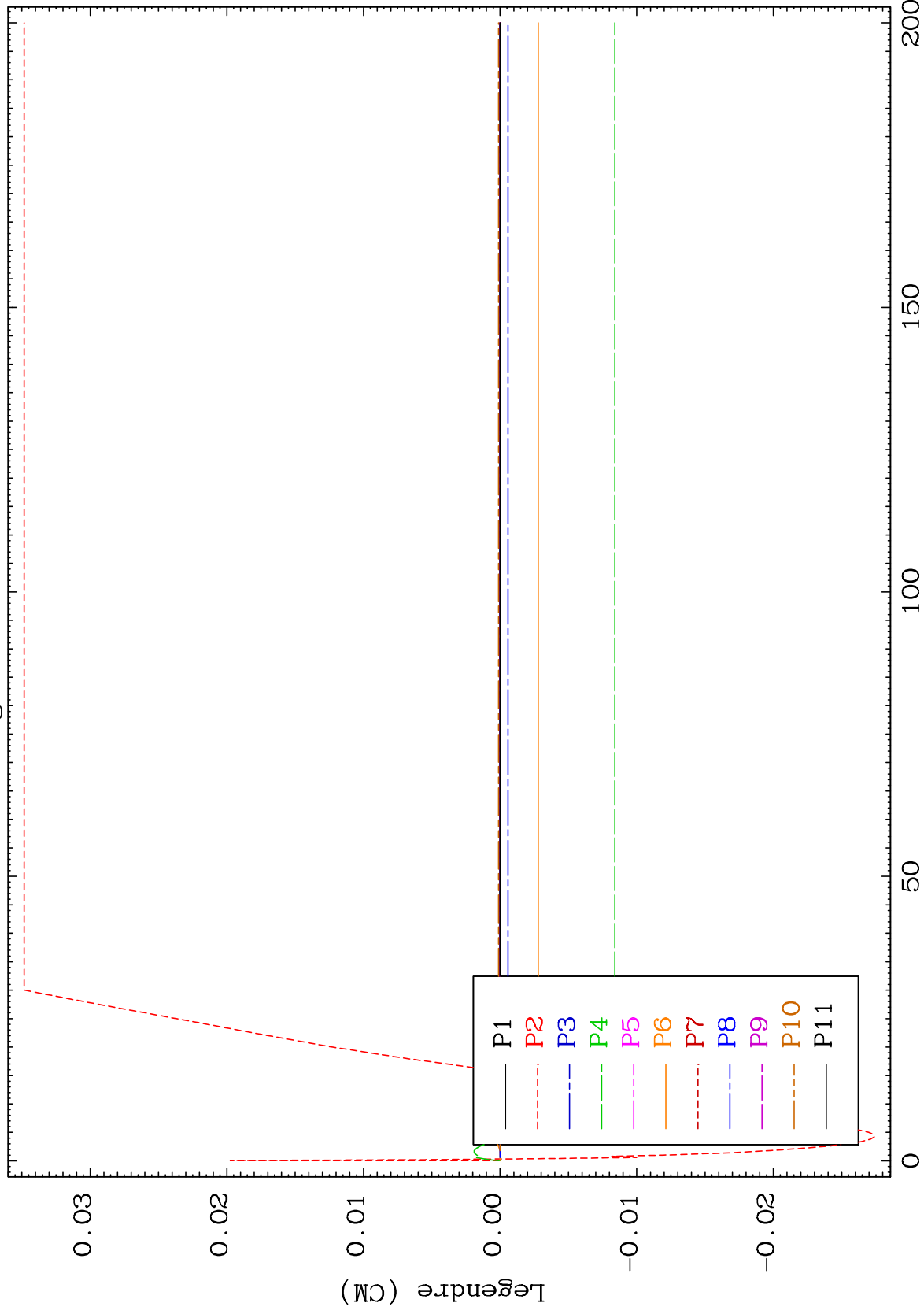
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



19

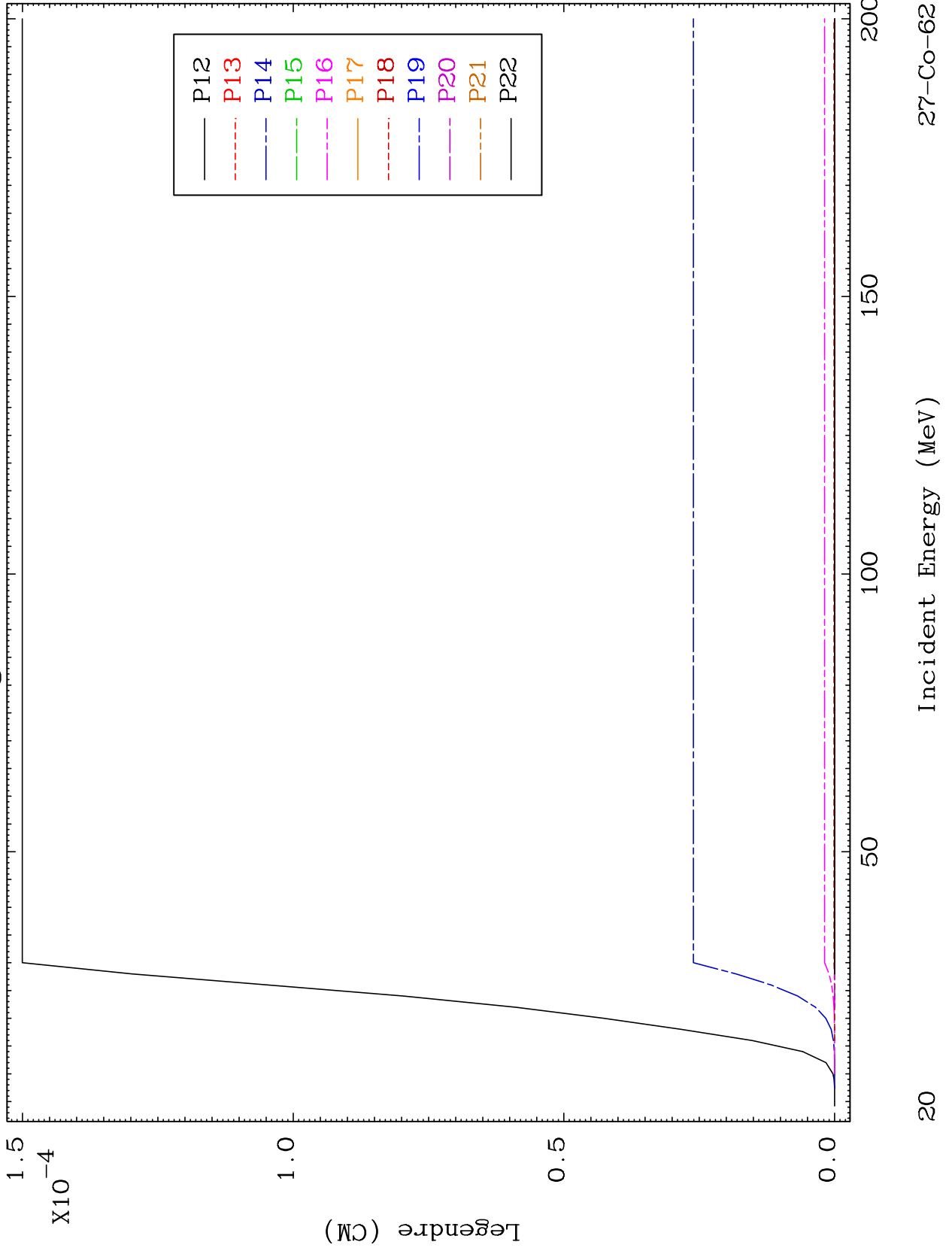
Incident Energy (MeV)

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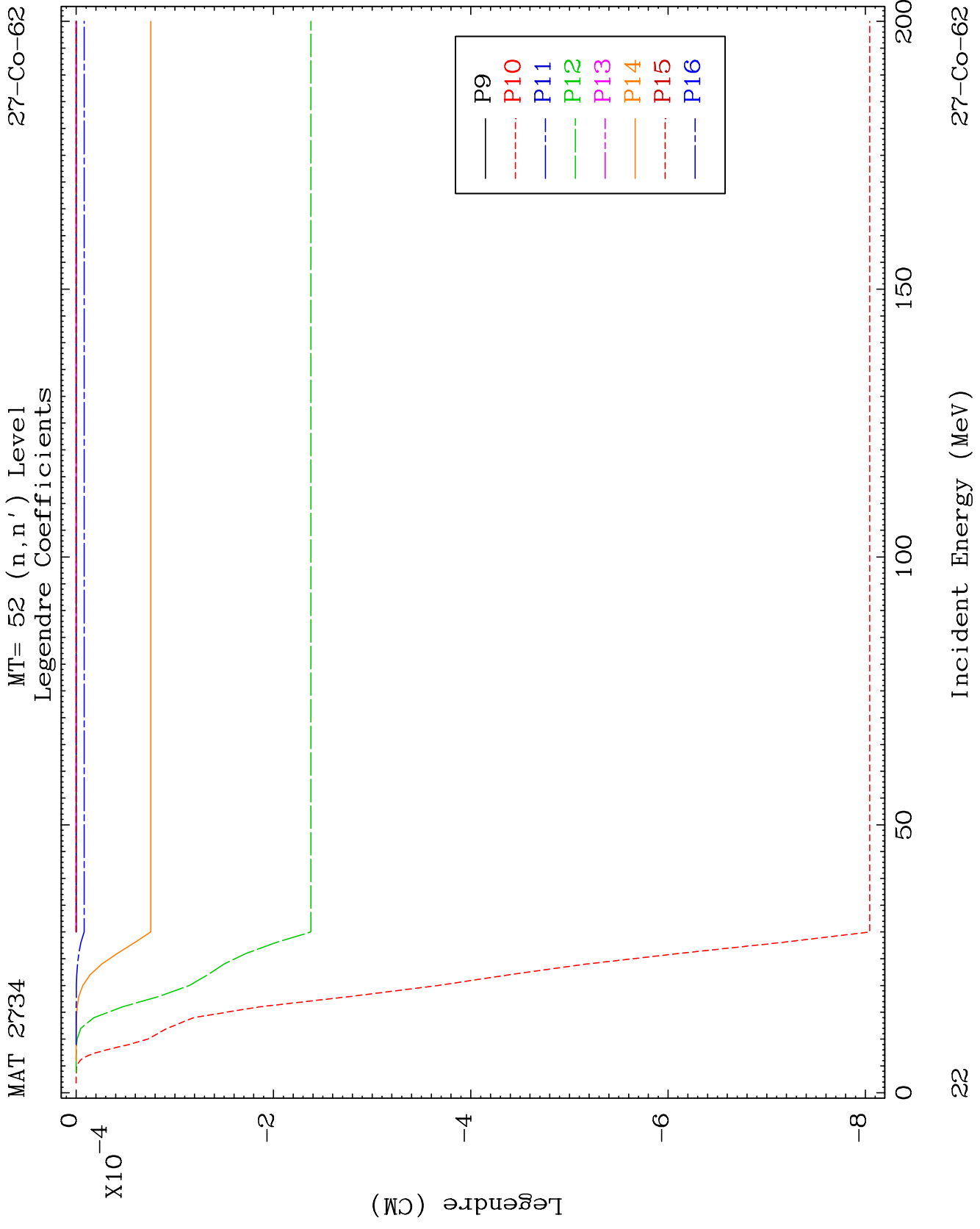
MAT 2734

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

27-Co-62



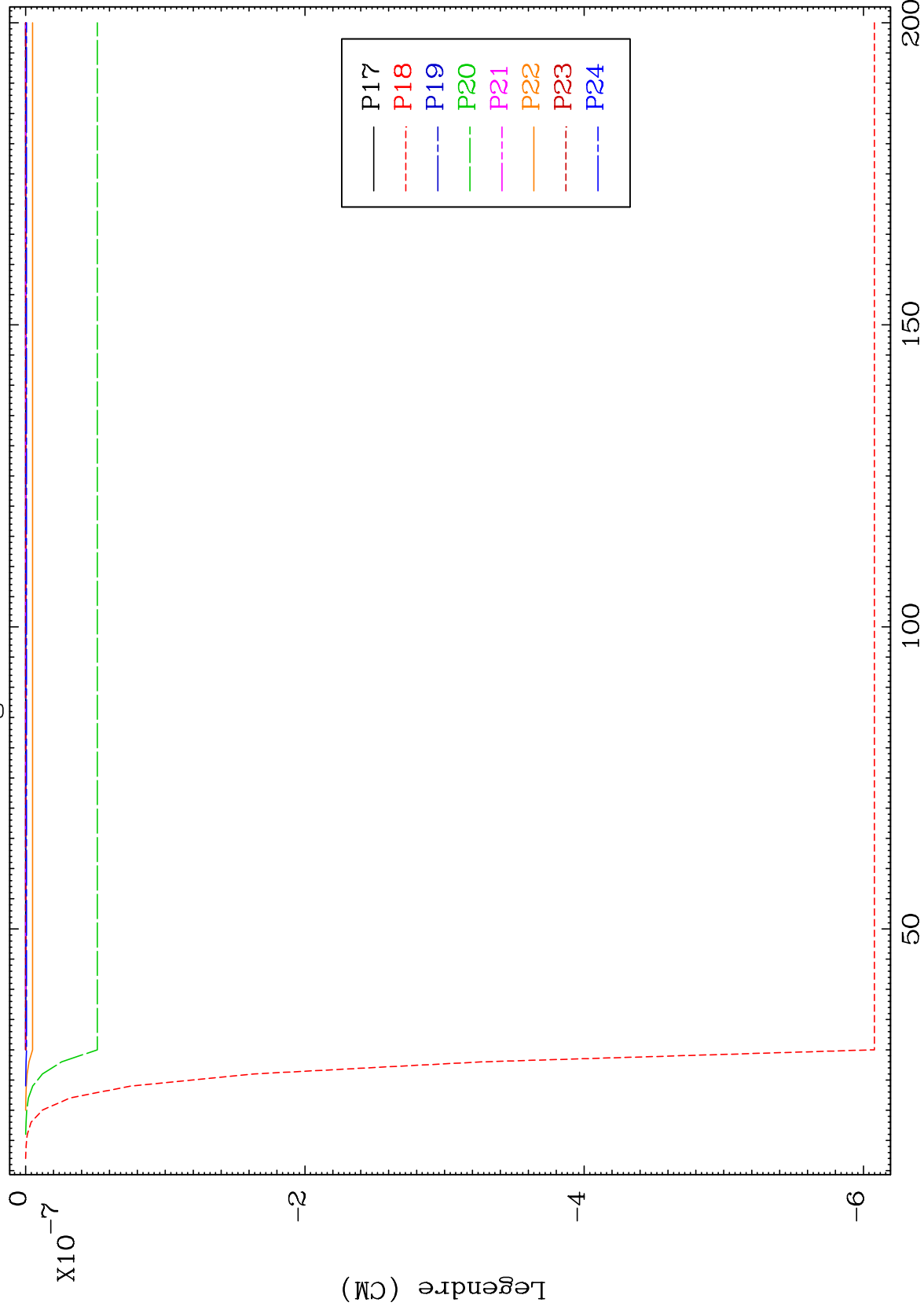




MAT 2734

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

27-Co-62

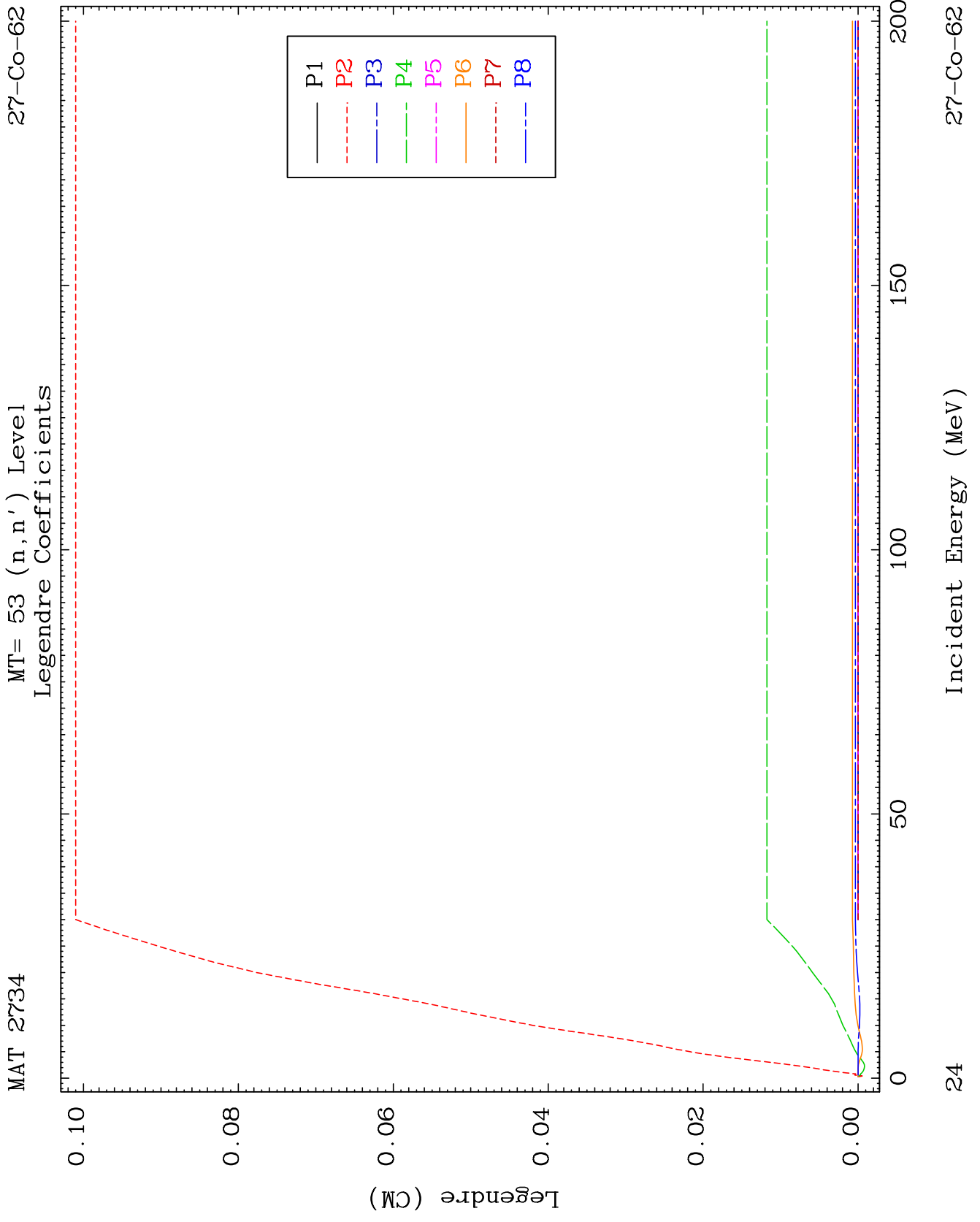


27-Co-62

Incident Energy (MeV)

23

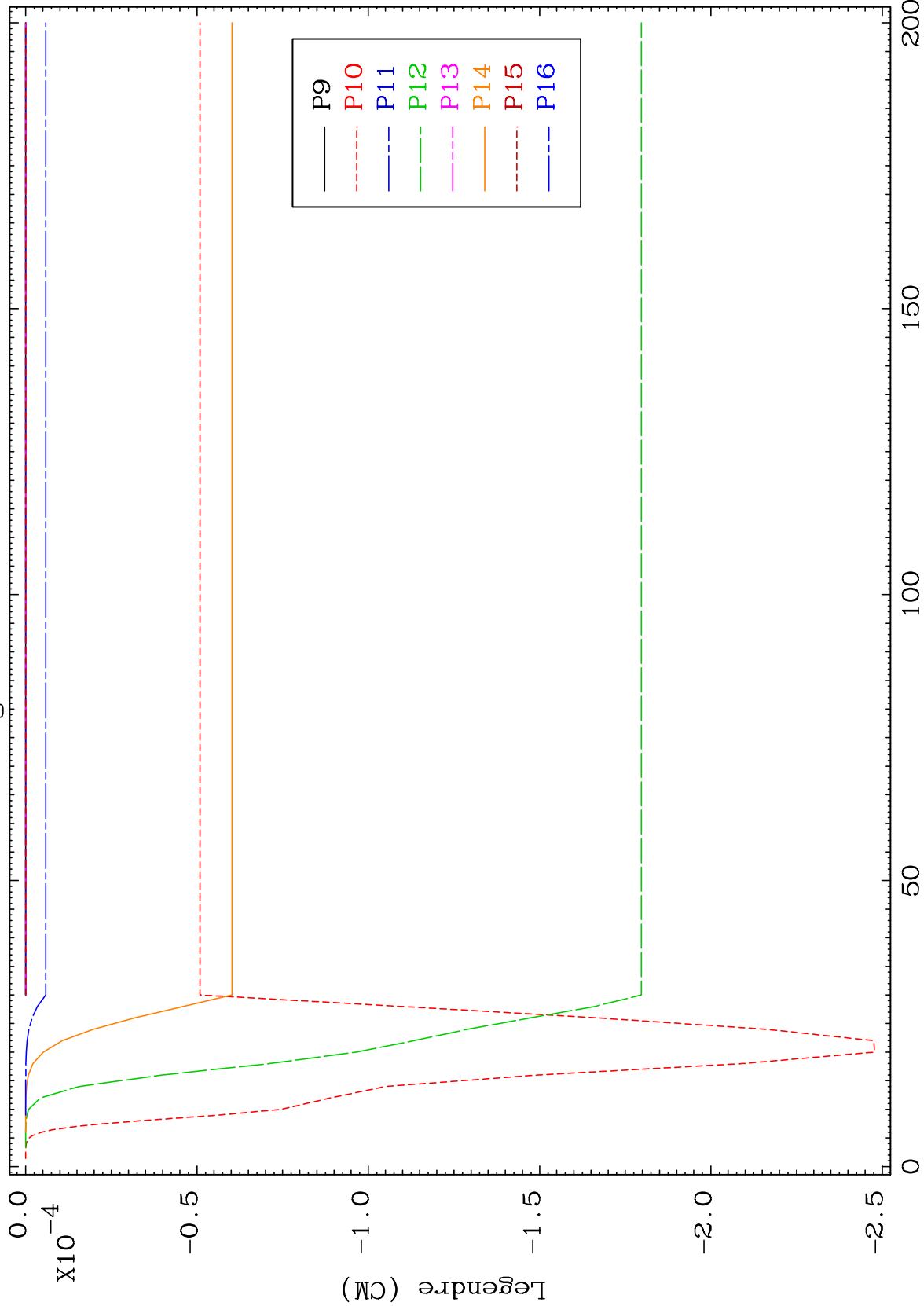




MAT 2734

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

27-Co-62



27-Co-62

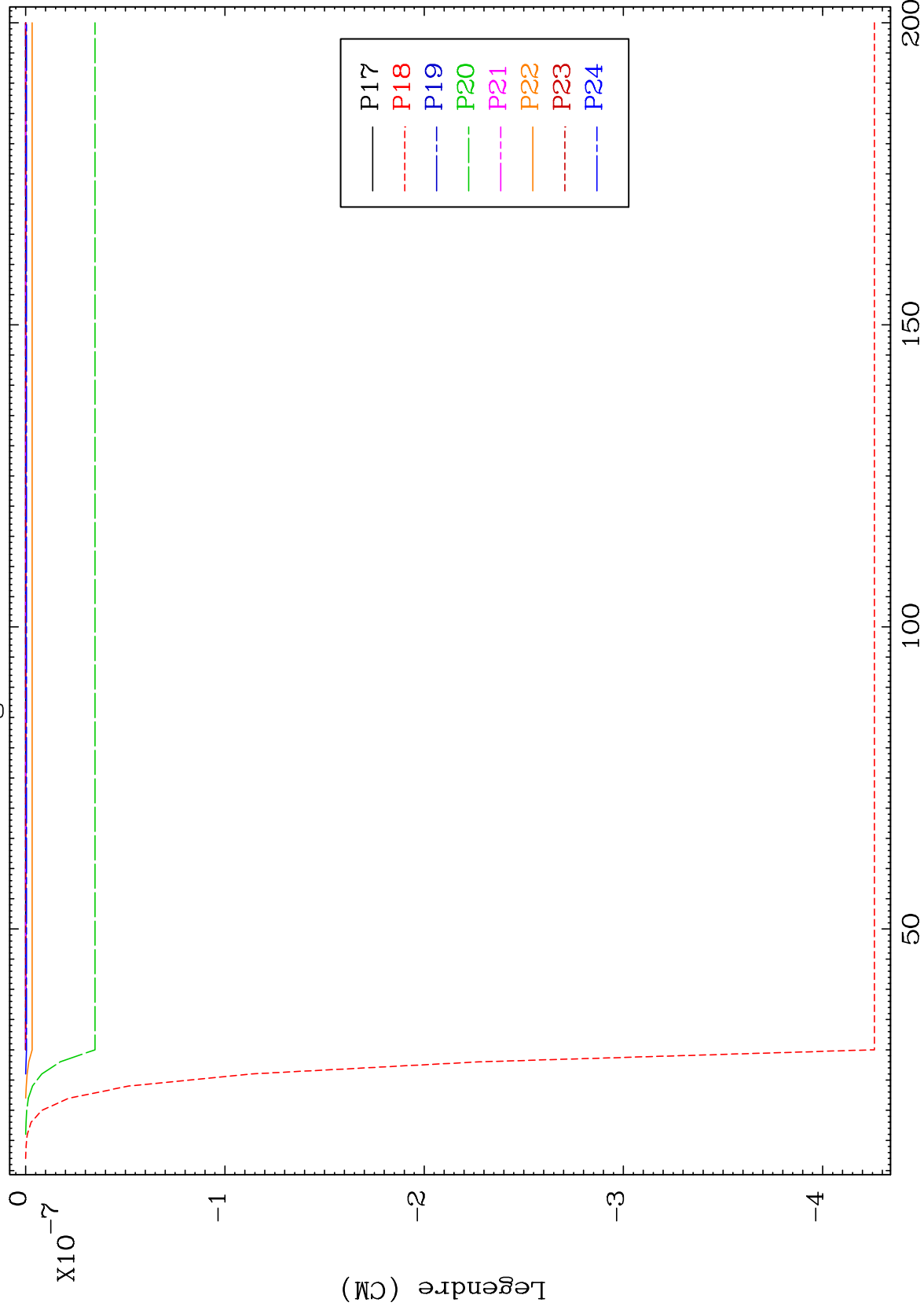
Incident Energy (MeV)

25

MAT 2734

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

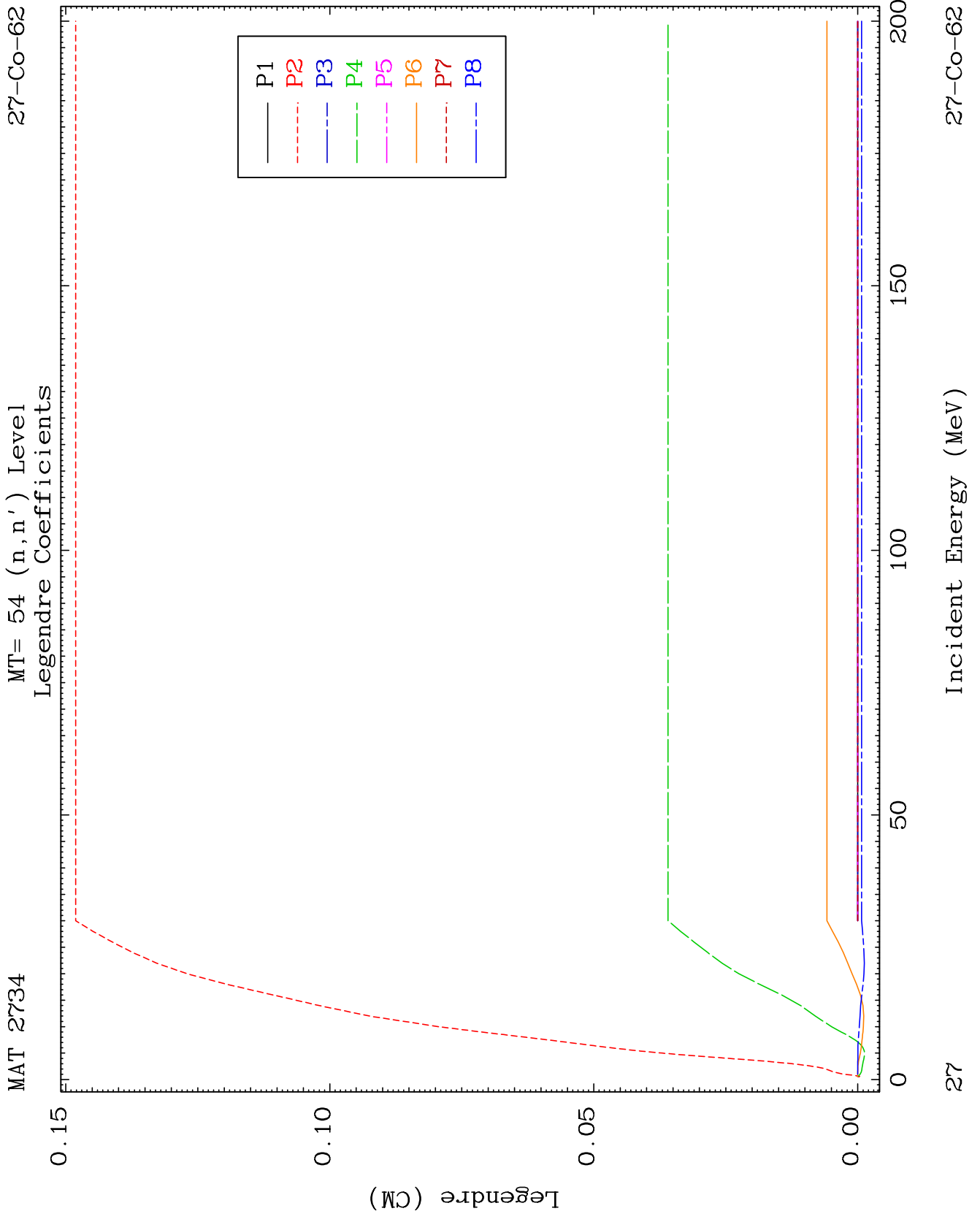
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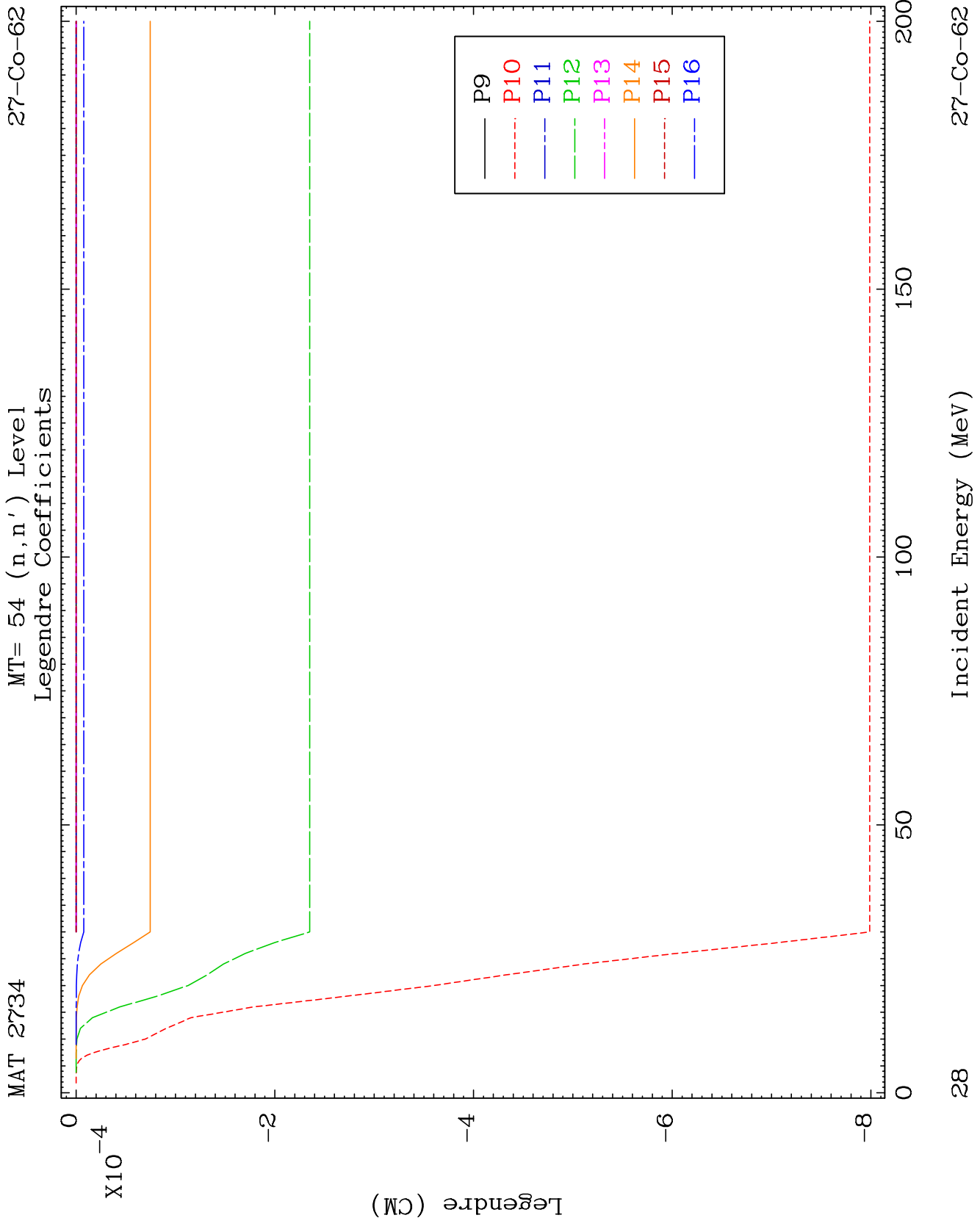


27-Co-62

Incident Energy (MeV)

26

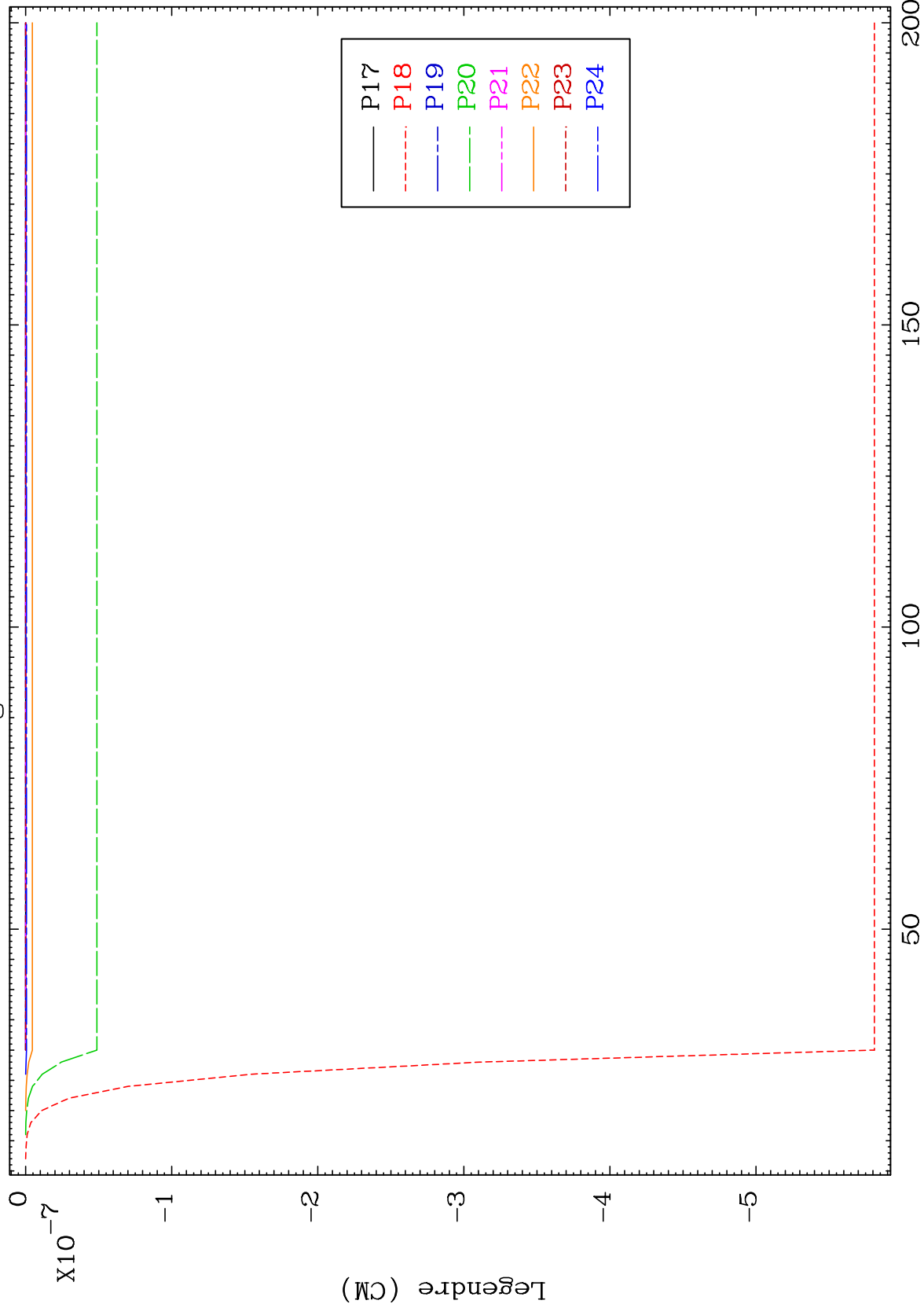




MAT 2734

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

27-Co-62

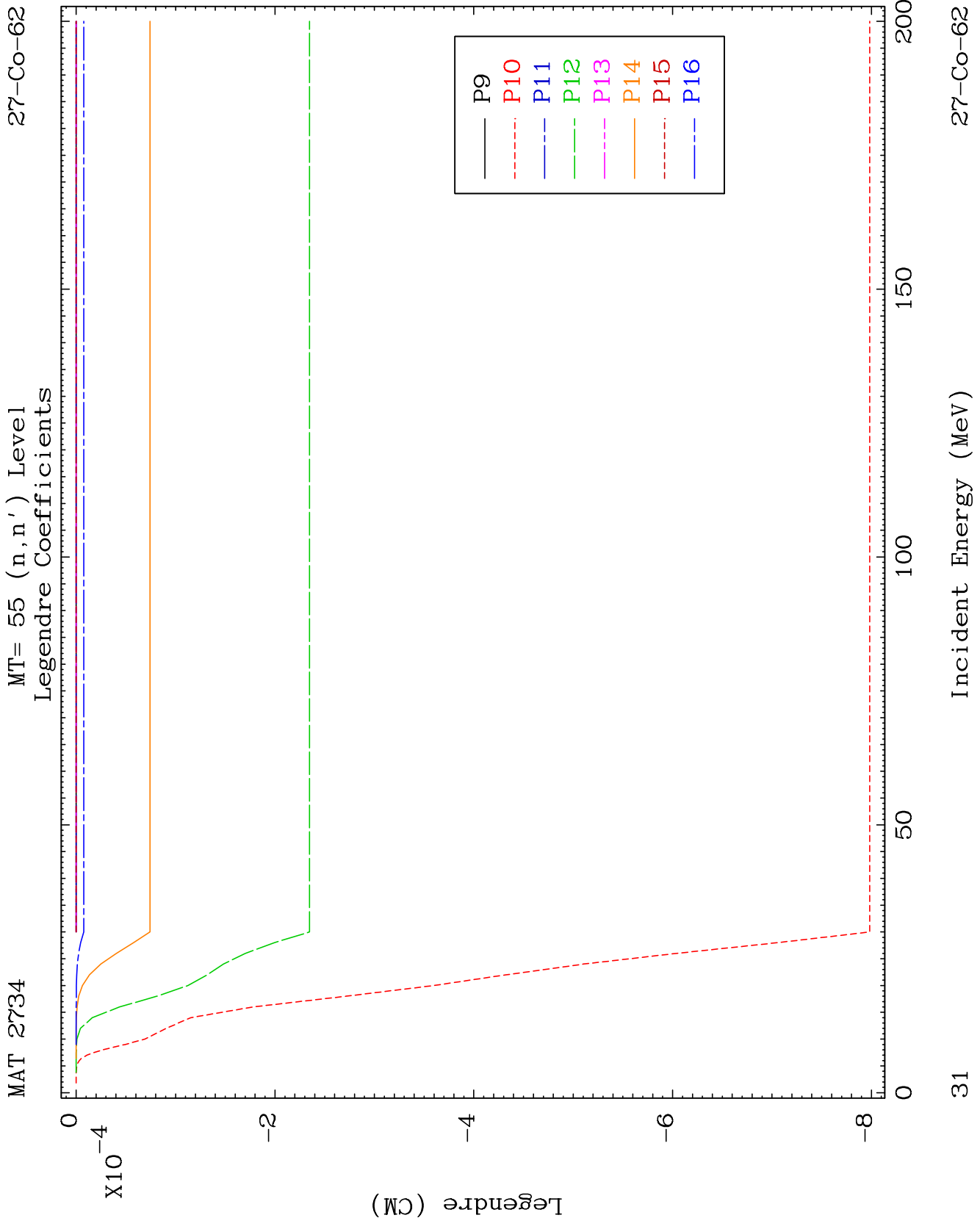


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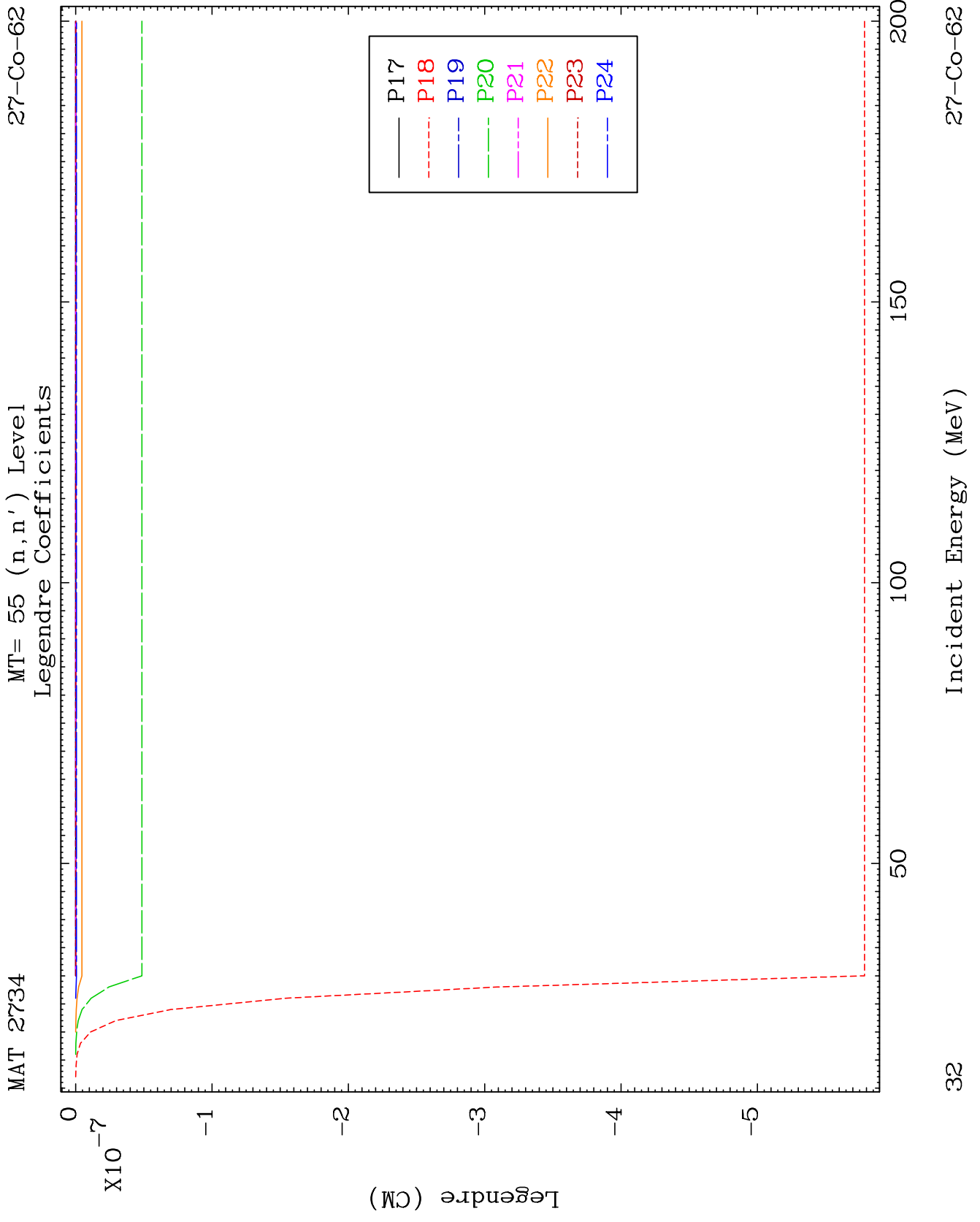
Incident Energy (MeV)

29





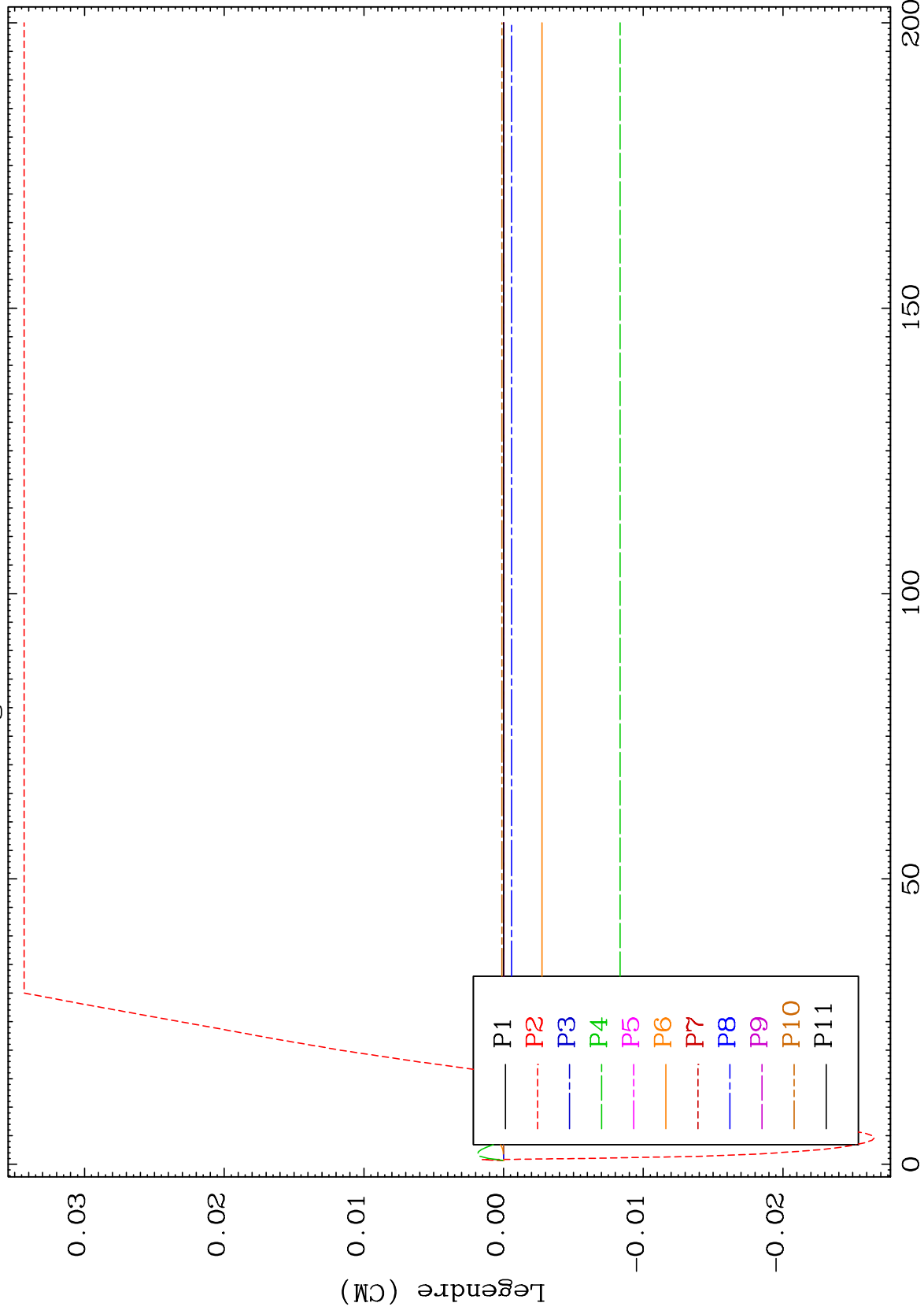




MAT 2734

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

27-Co-62



33

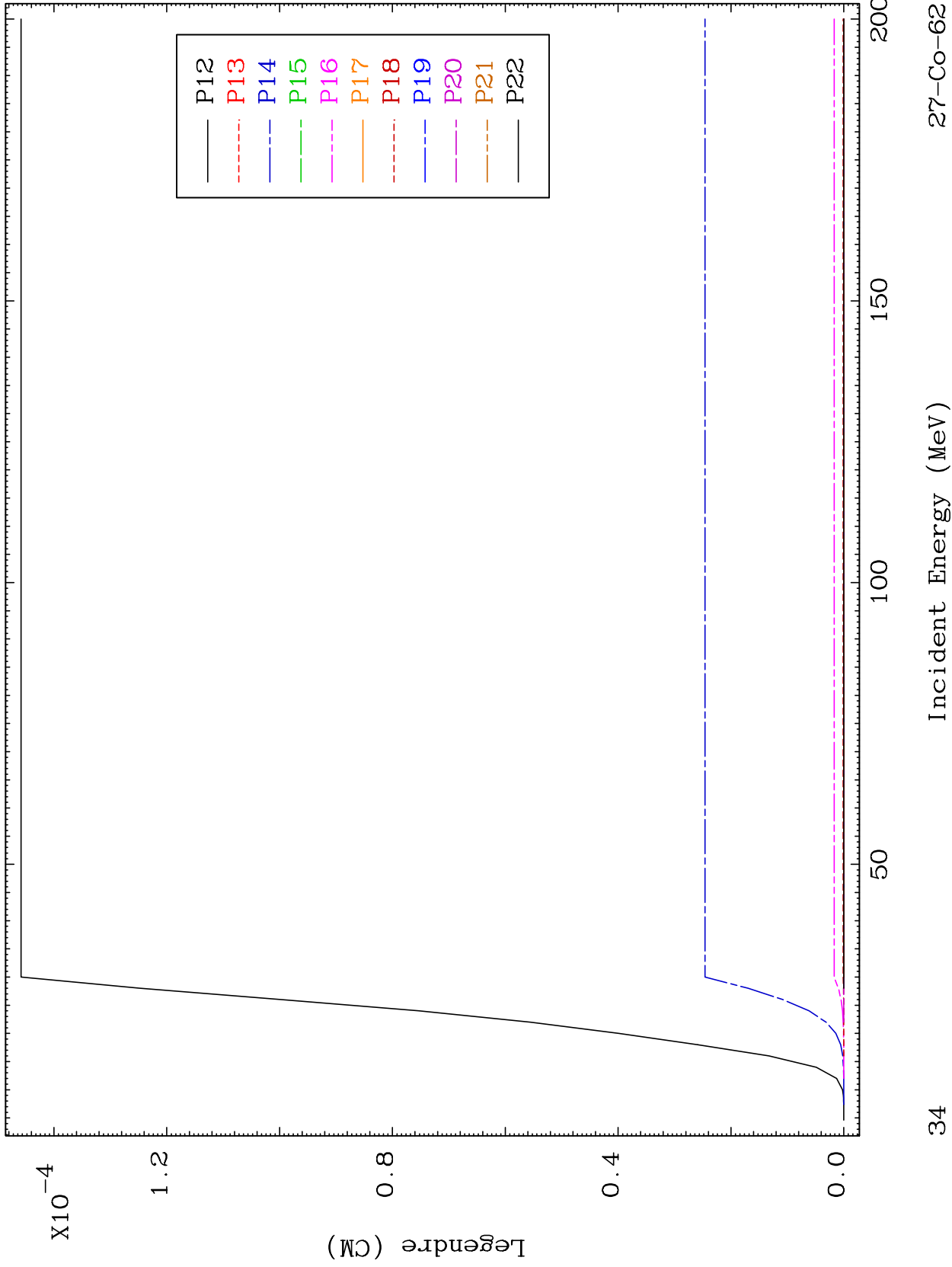
Incident Energy (MeV)

27-Co-62

MAT 2734

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

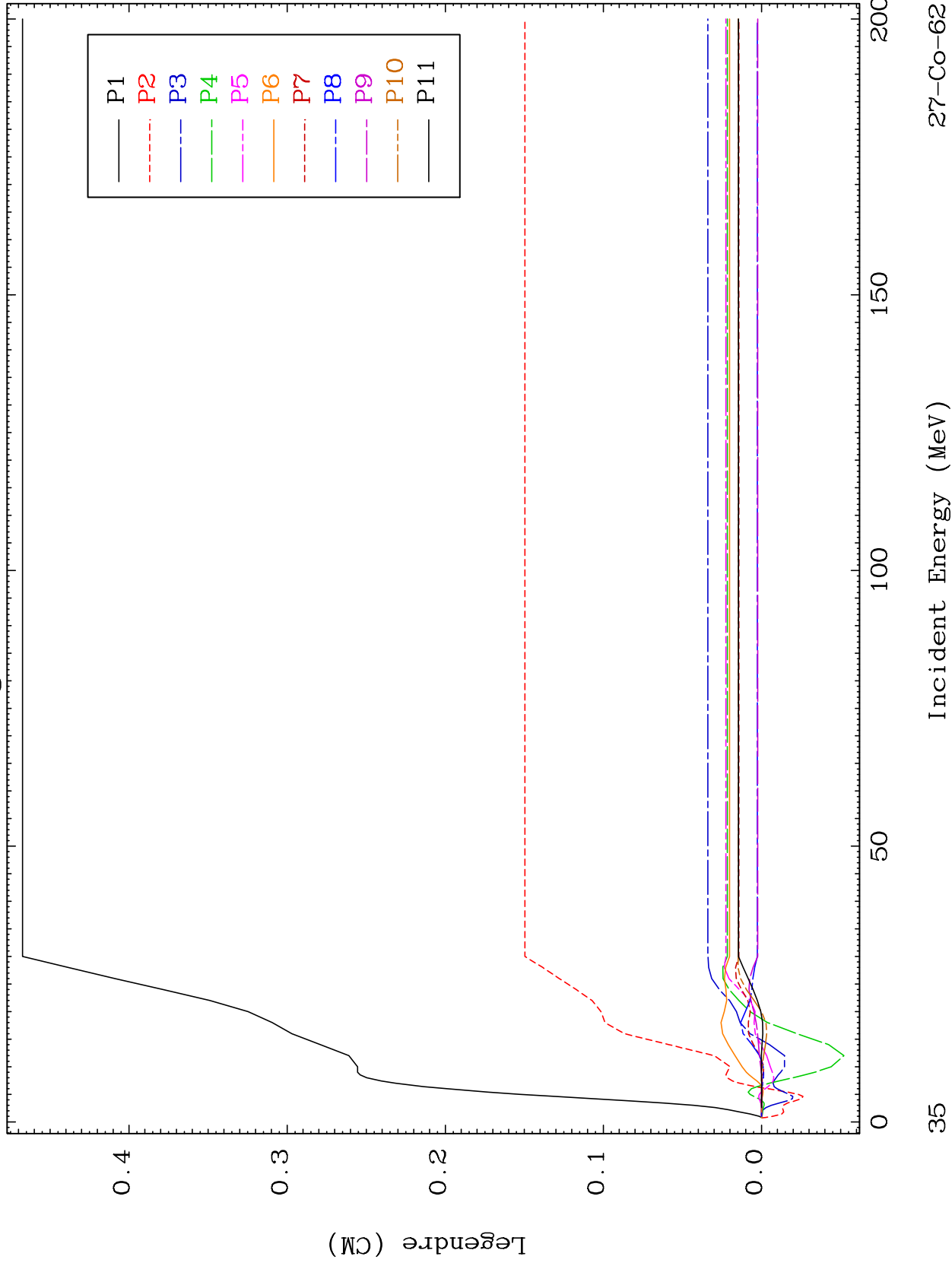
27-Co-62



MAT 2734

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

27-Co-62



27-Co-62

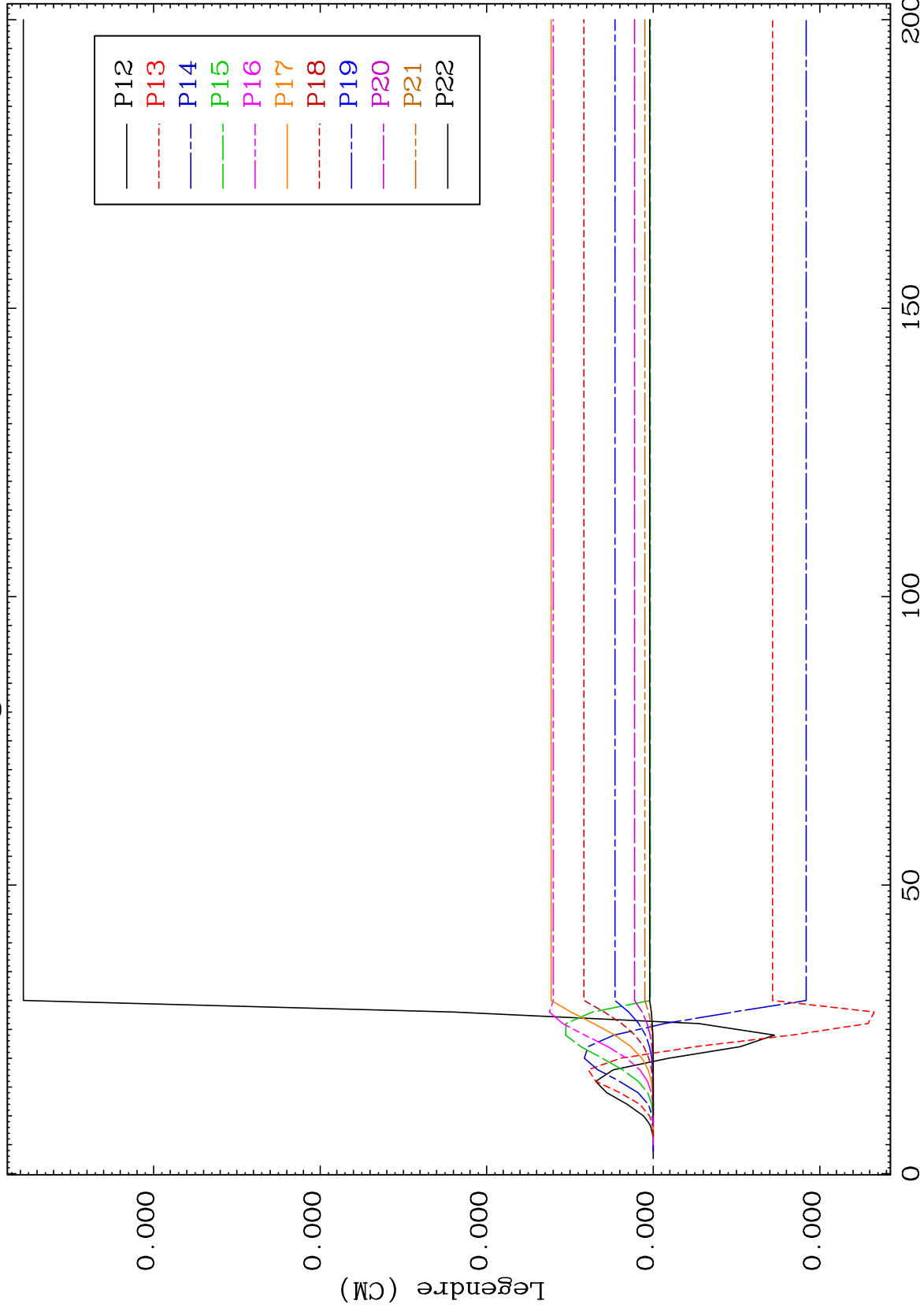
Incident Energy (MeV)

35

MAT 2734

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

27-Co-62



36

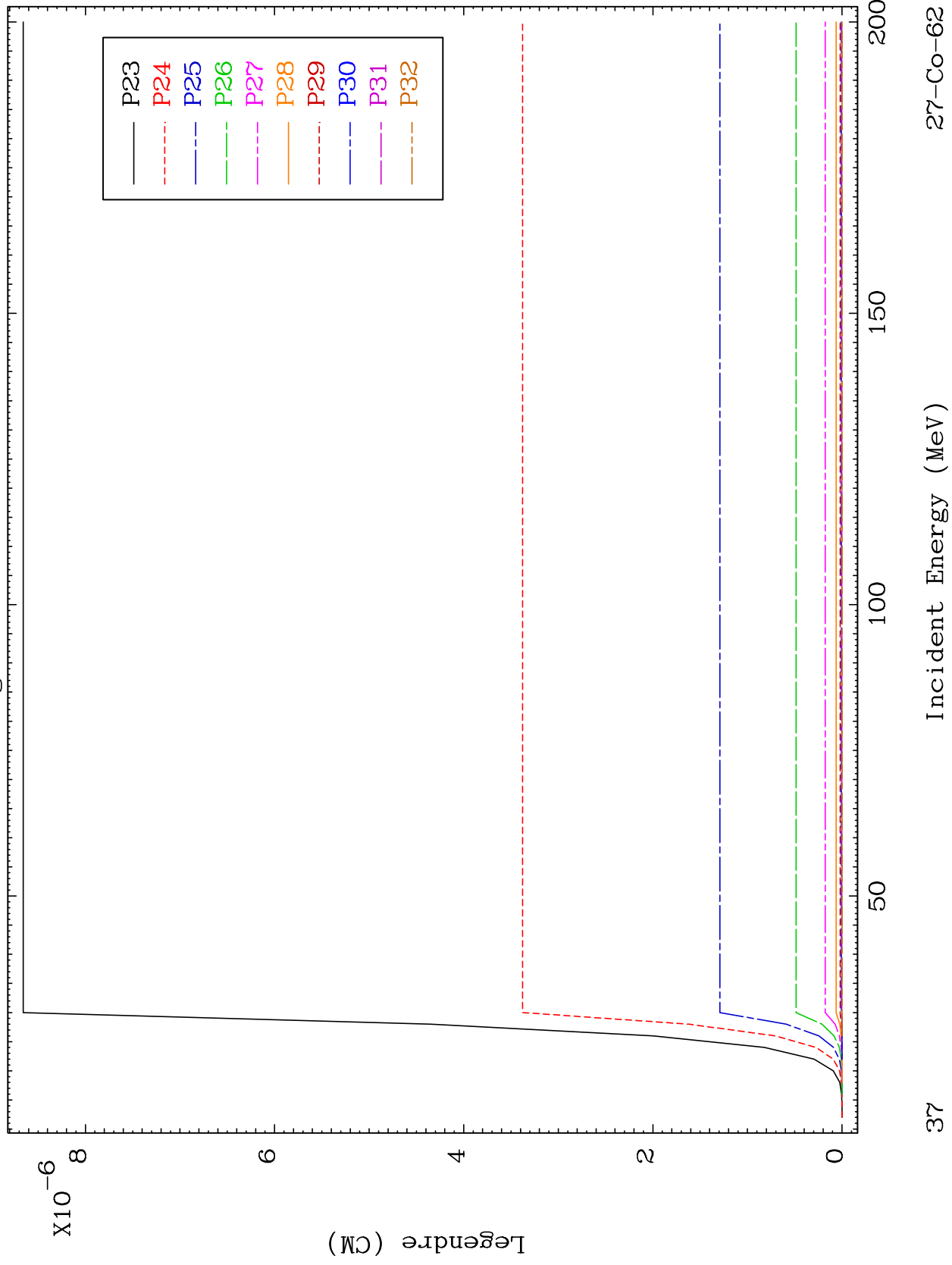
Incident Energy (MeV)

27-Co-62

MAT 2734

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

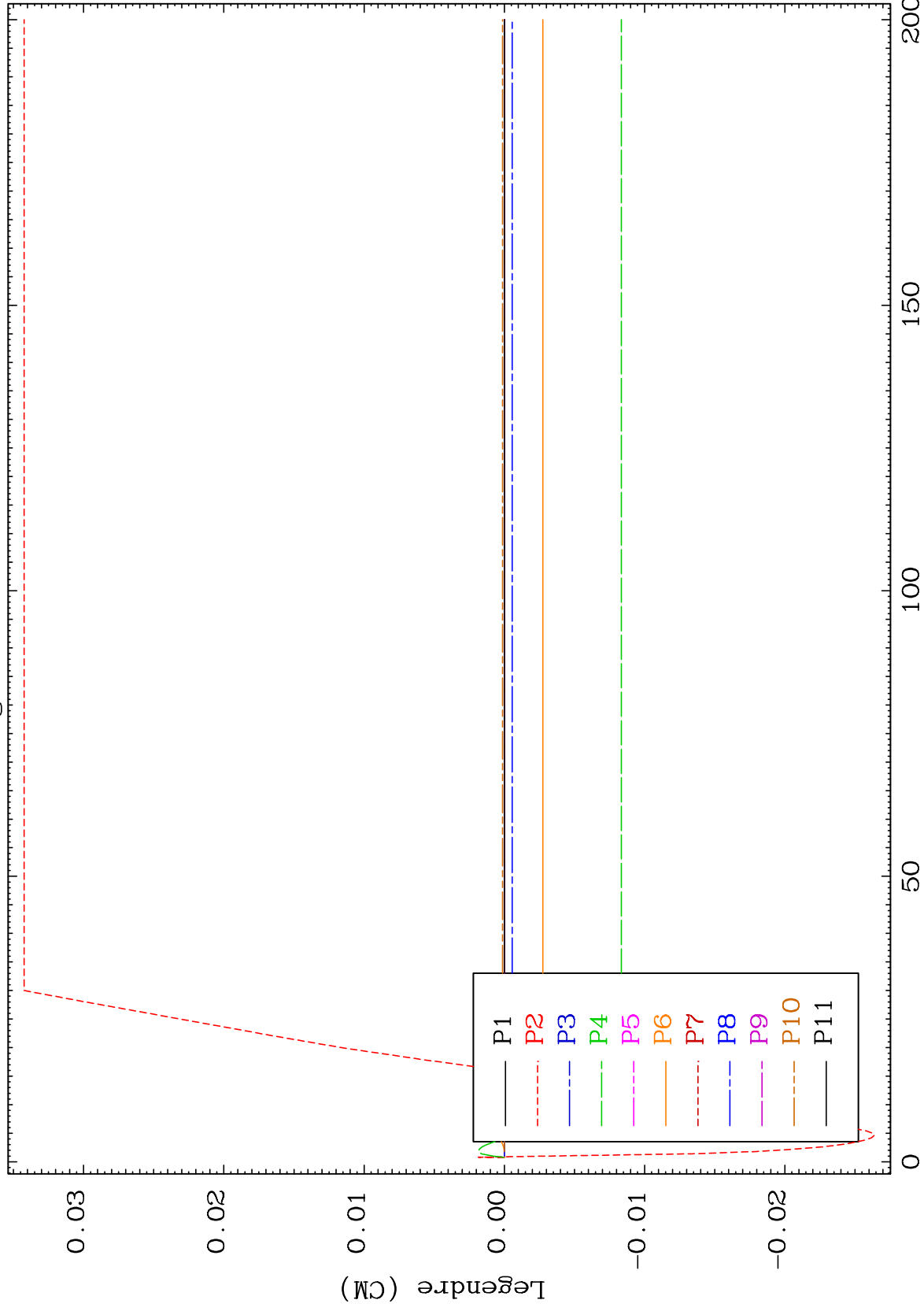
27-Co-62



MAT 2734

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

27-Co-62



38

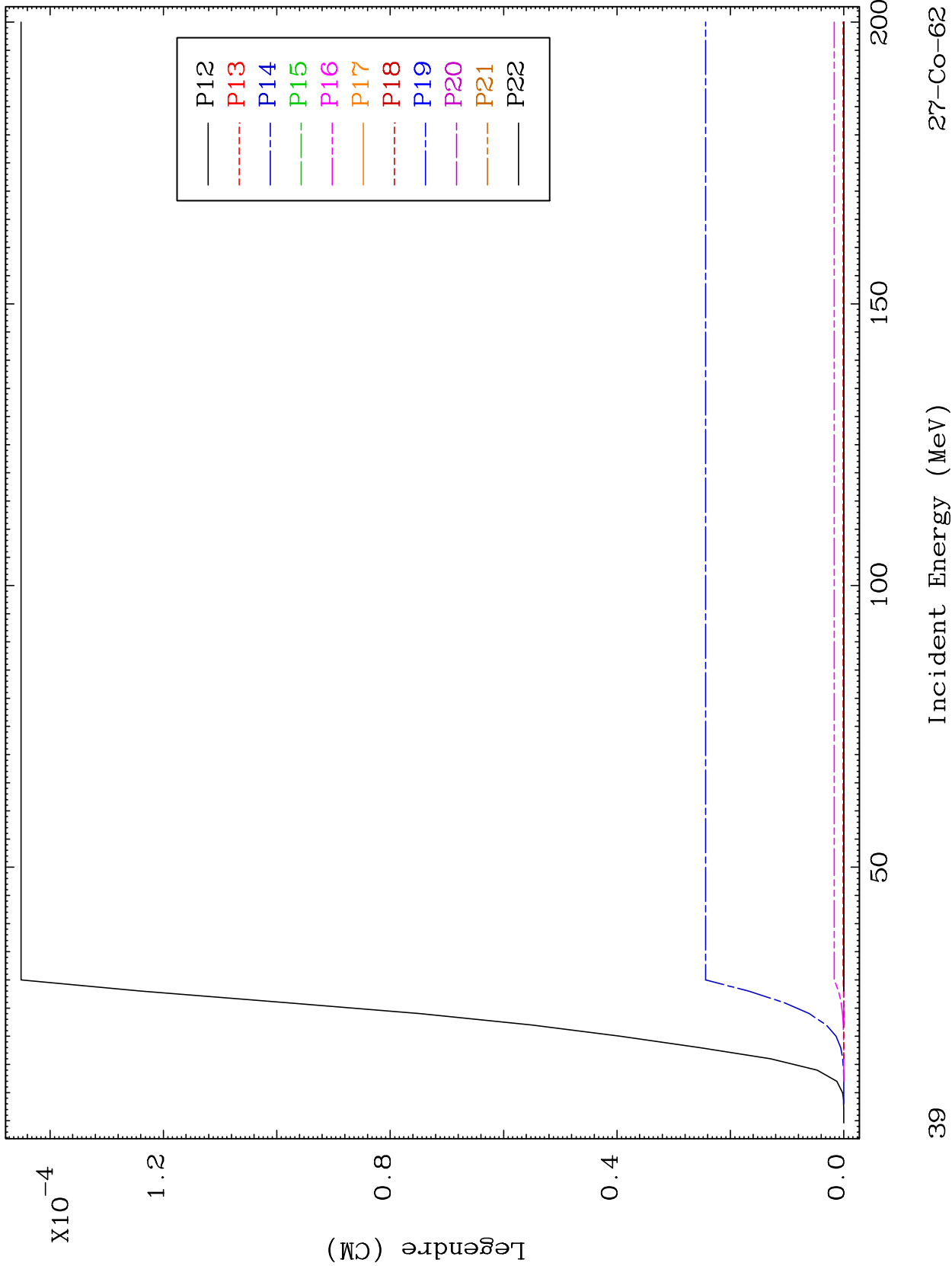
Incident Energy (MeV)

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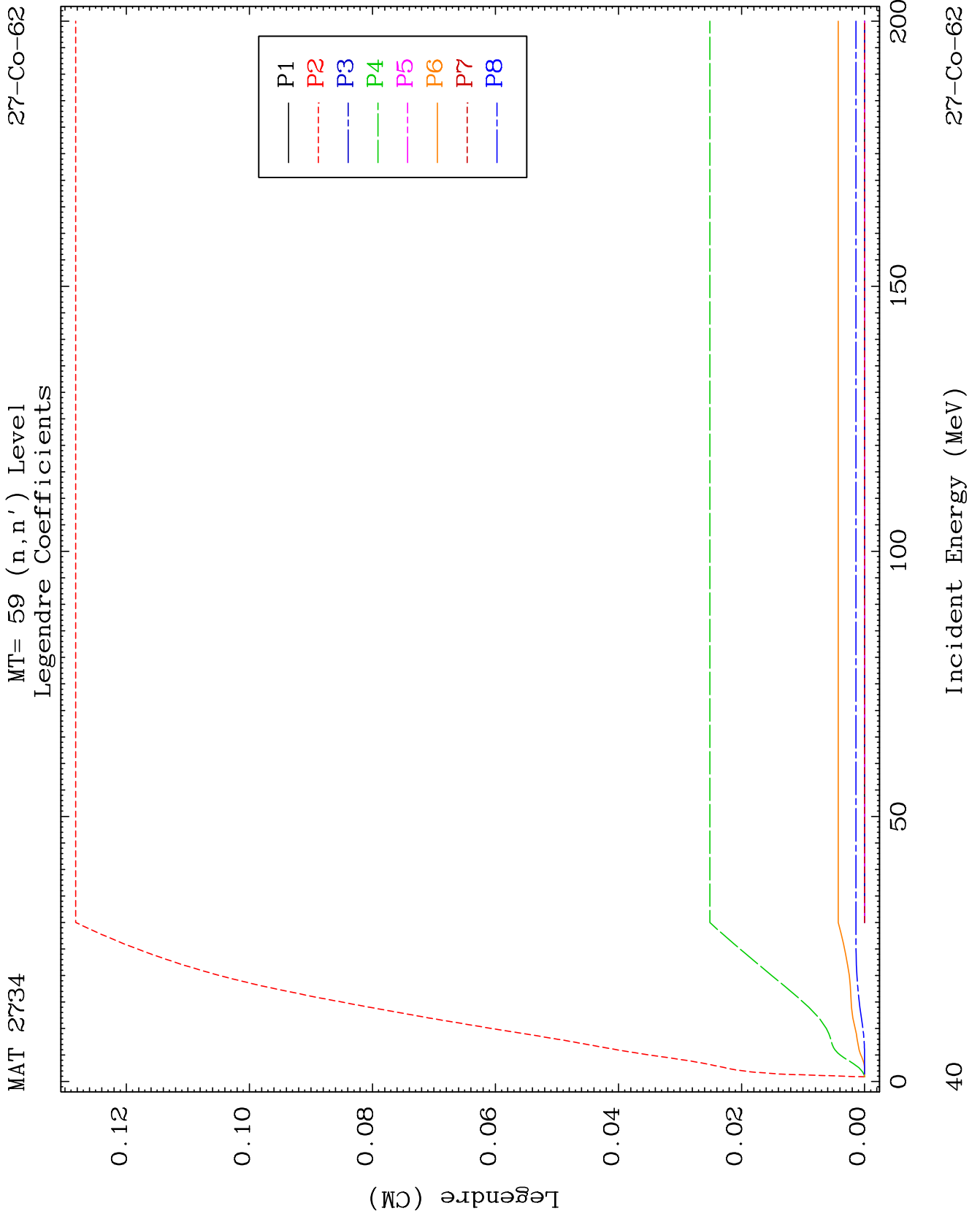
MAT 2734

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

27-Co-62



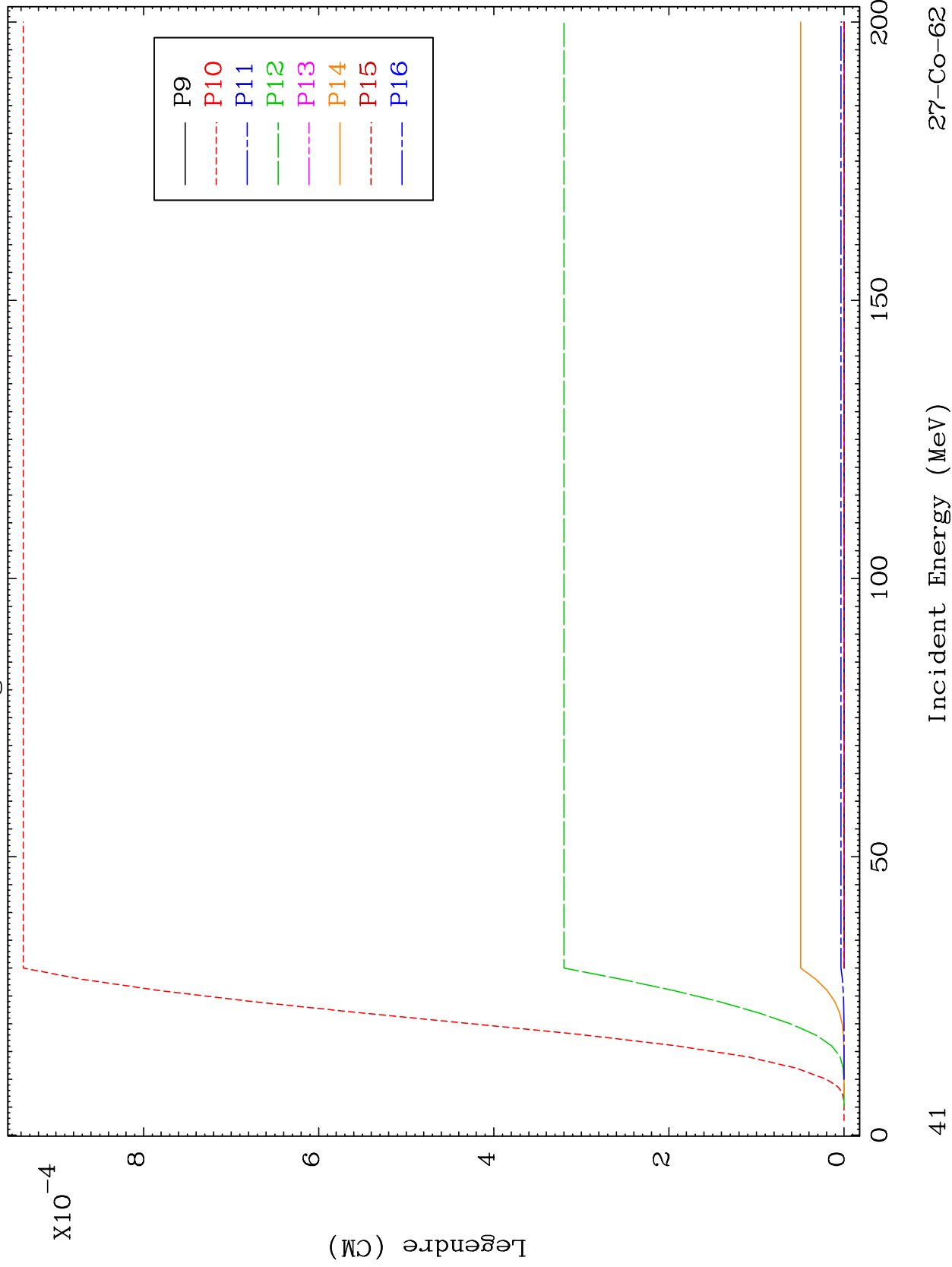




MAT 2734

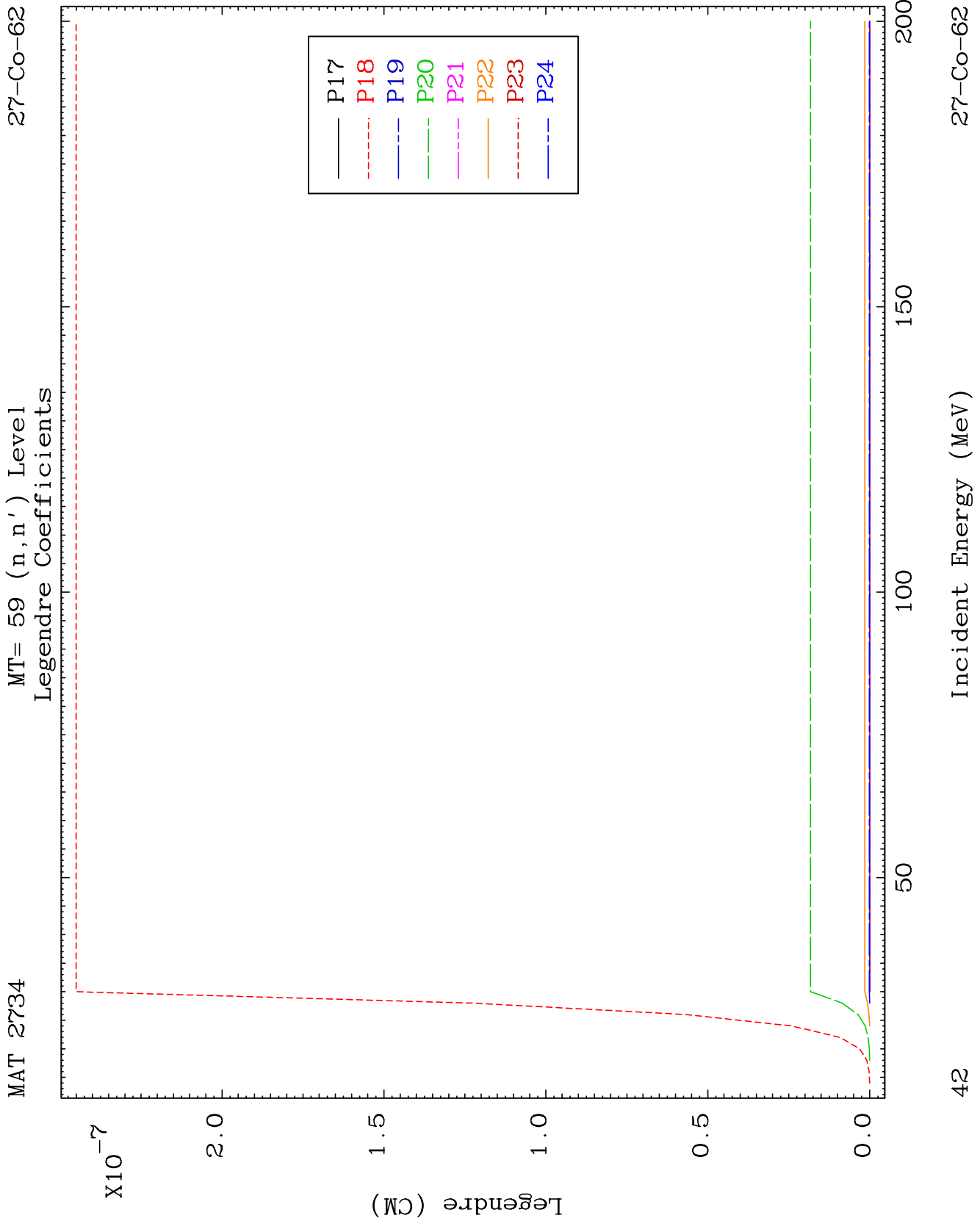
MT= 59 (n,n') Level  
Legendre Coefficients

27-Co-62



41

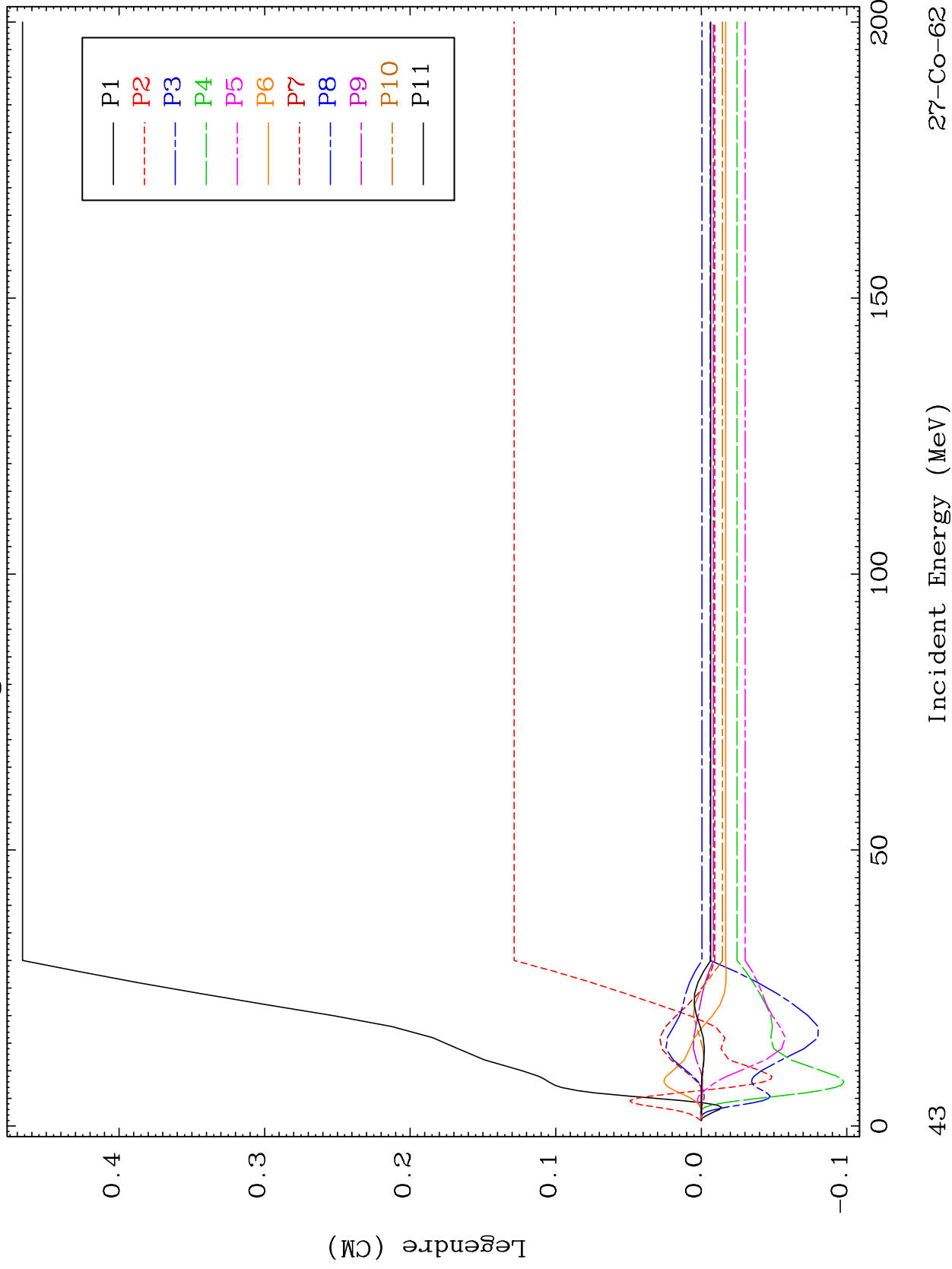
27-Co-62



MAT 2734

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

27-Co-62



27-Co-62

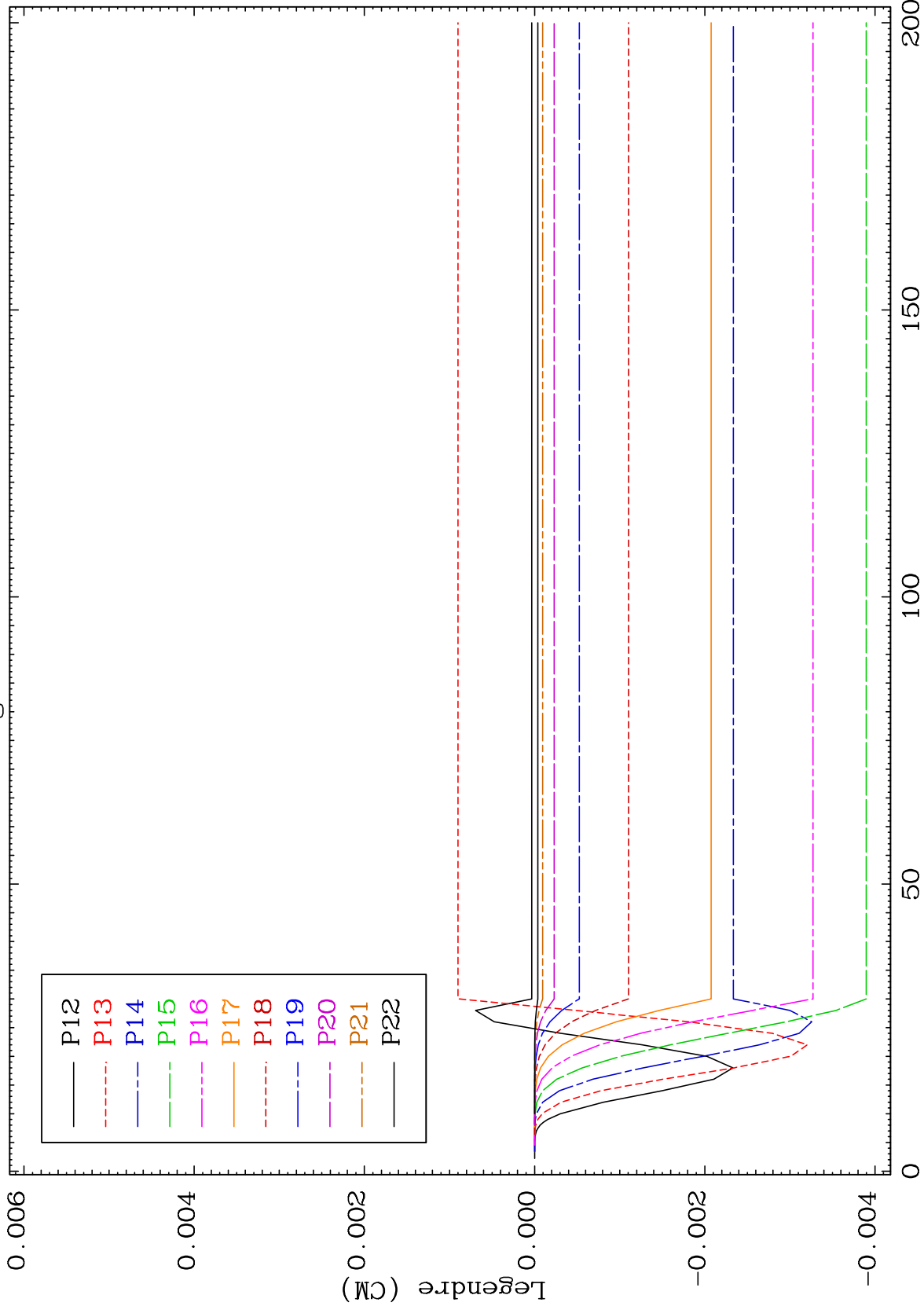
Incident Energy (MeV)

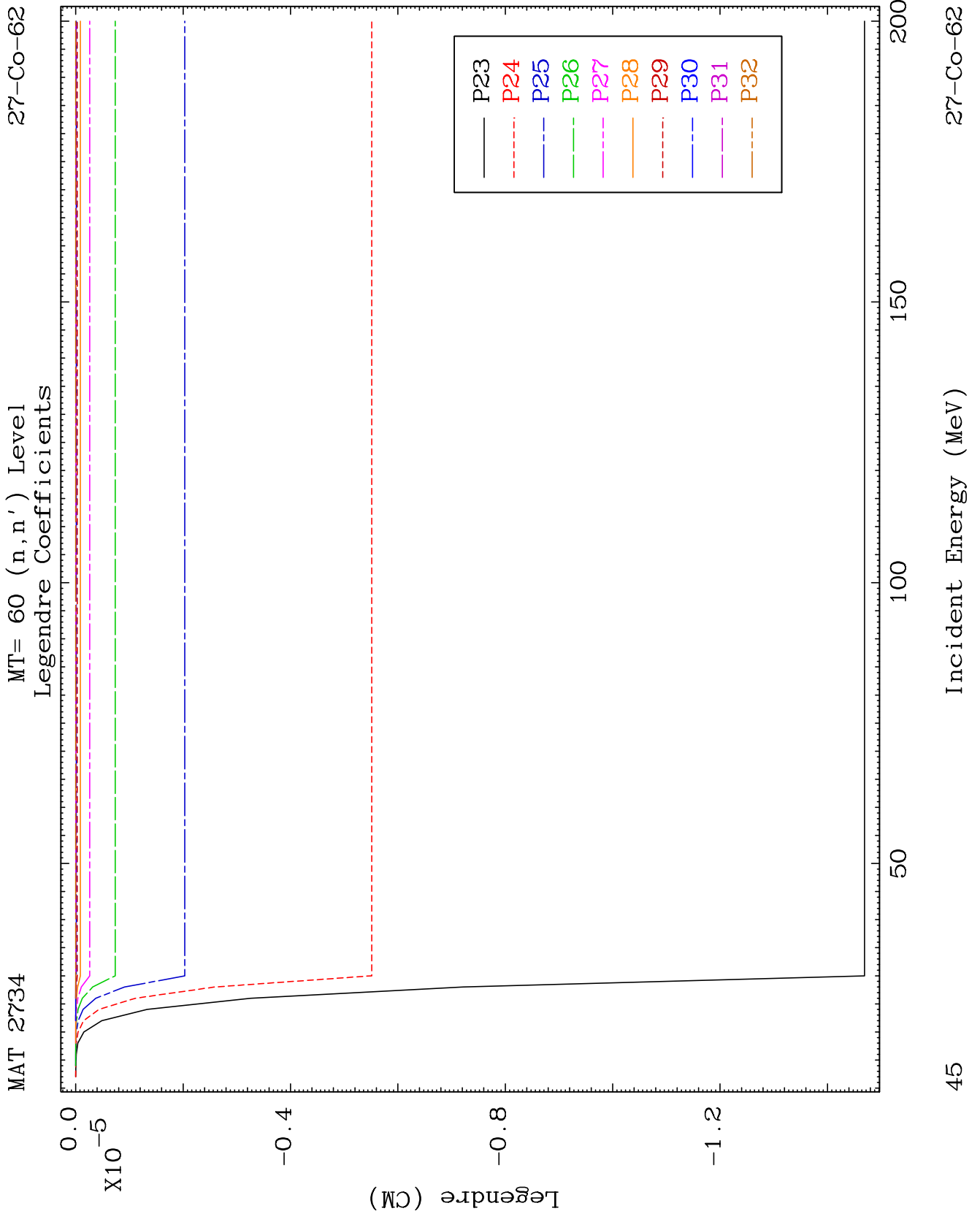
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MAT 2734

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

27-Co-62



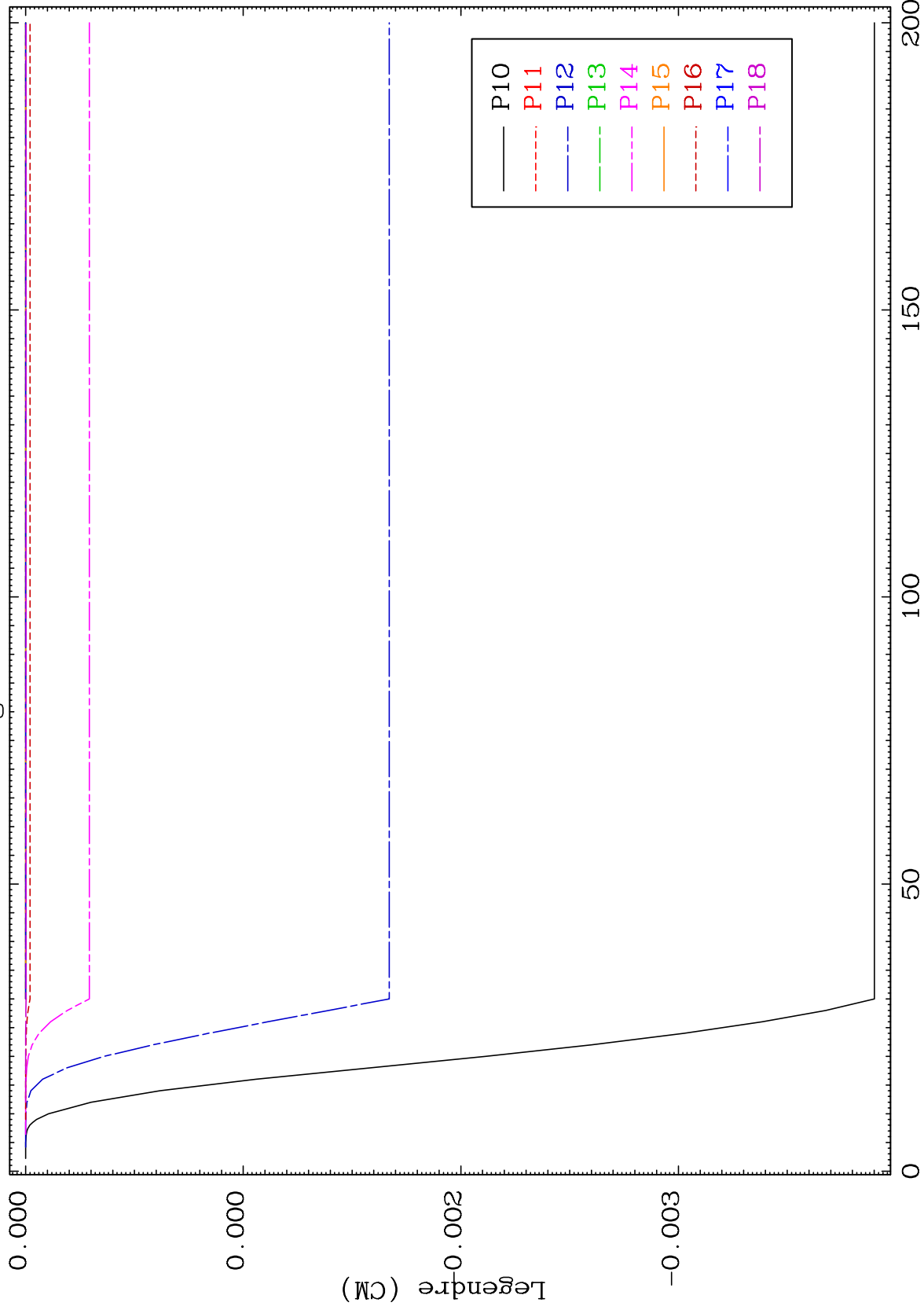




MAT 2734

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

27-Co-62

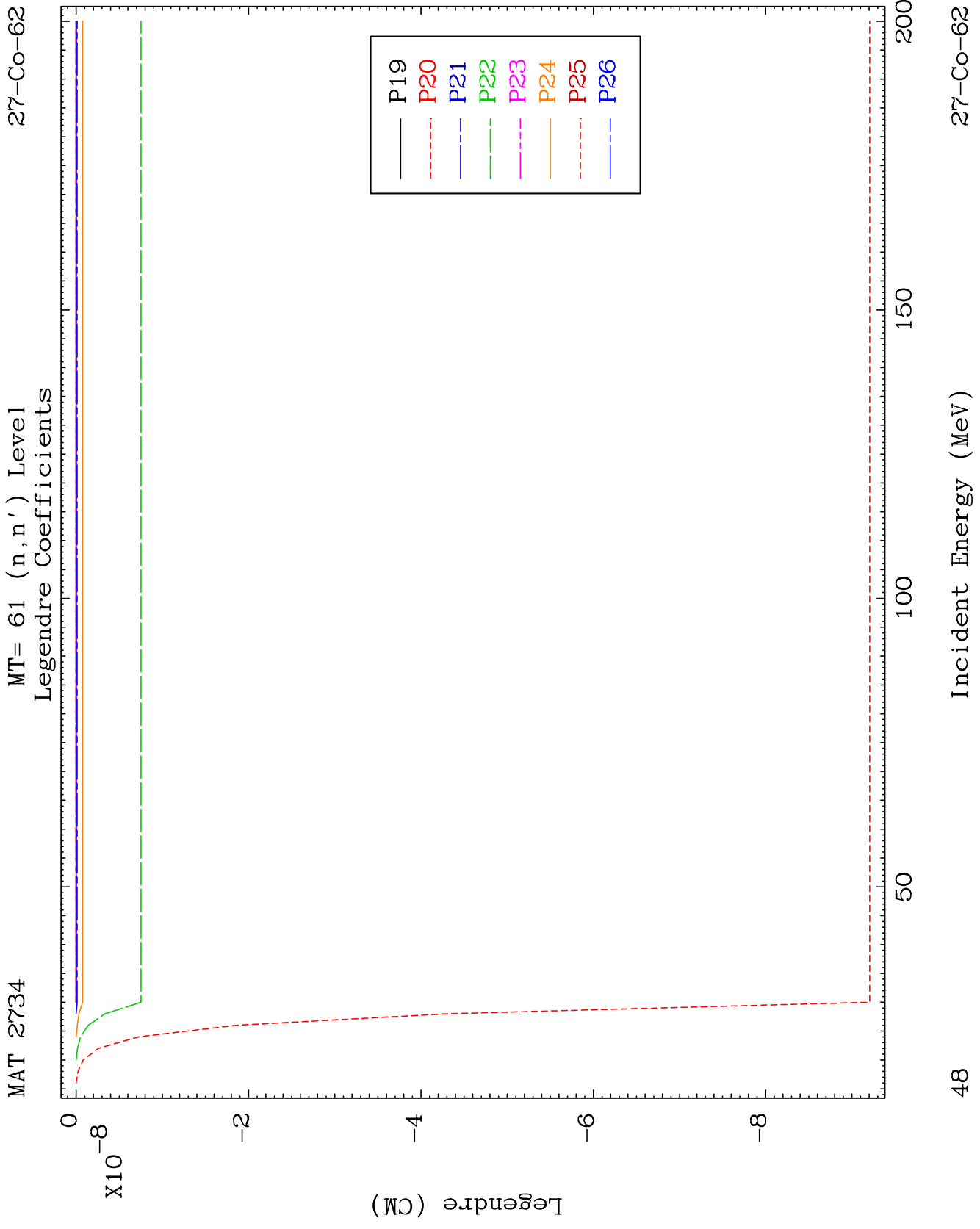


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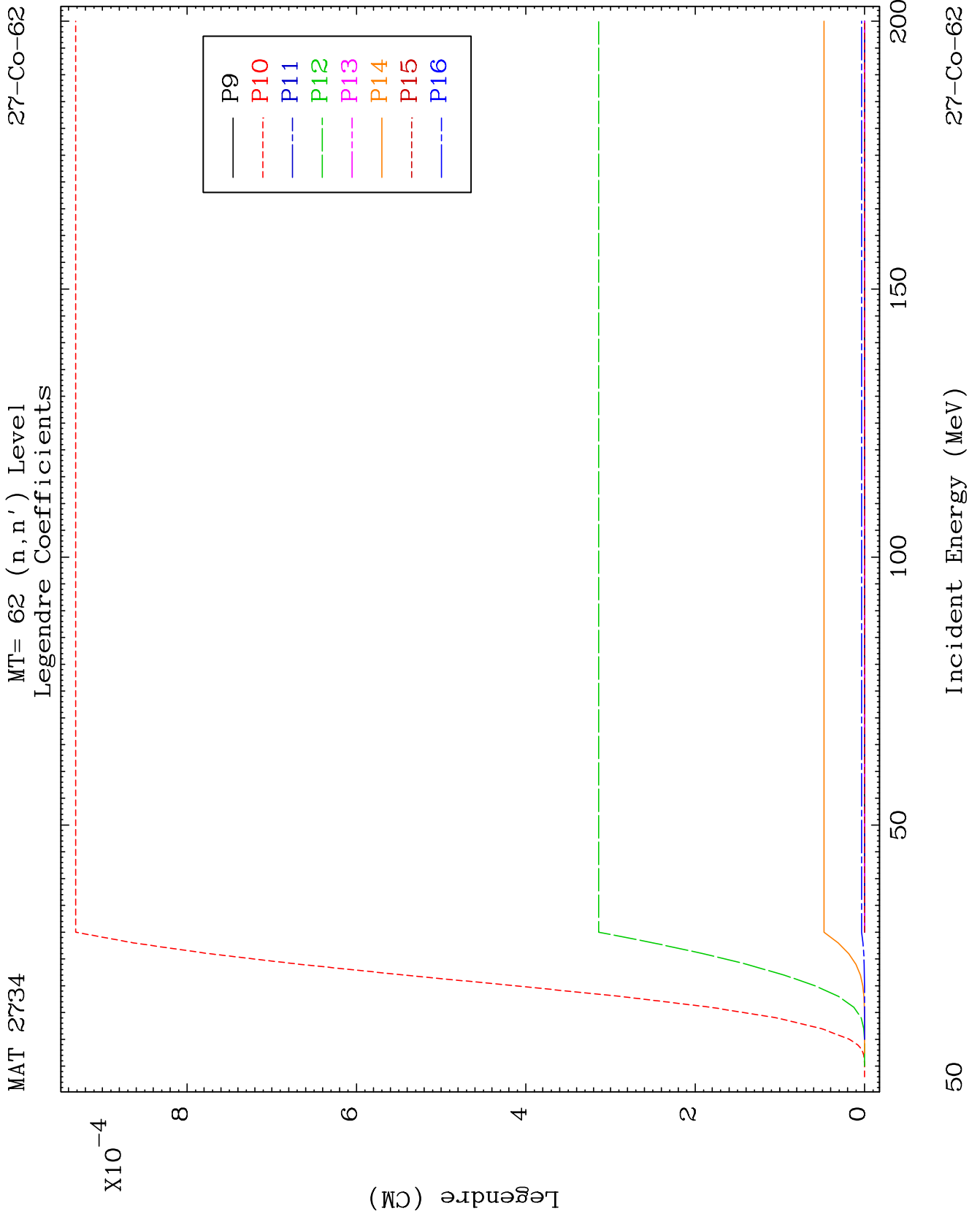
Incident Energy (MeV)

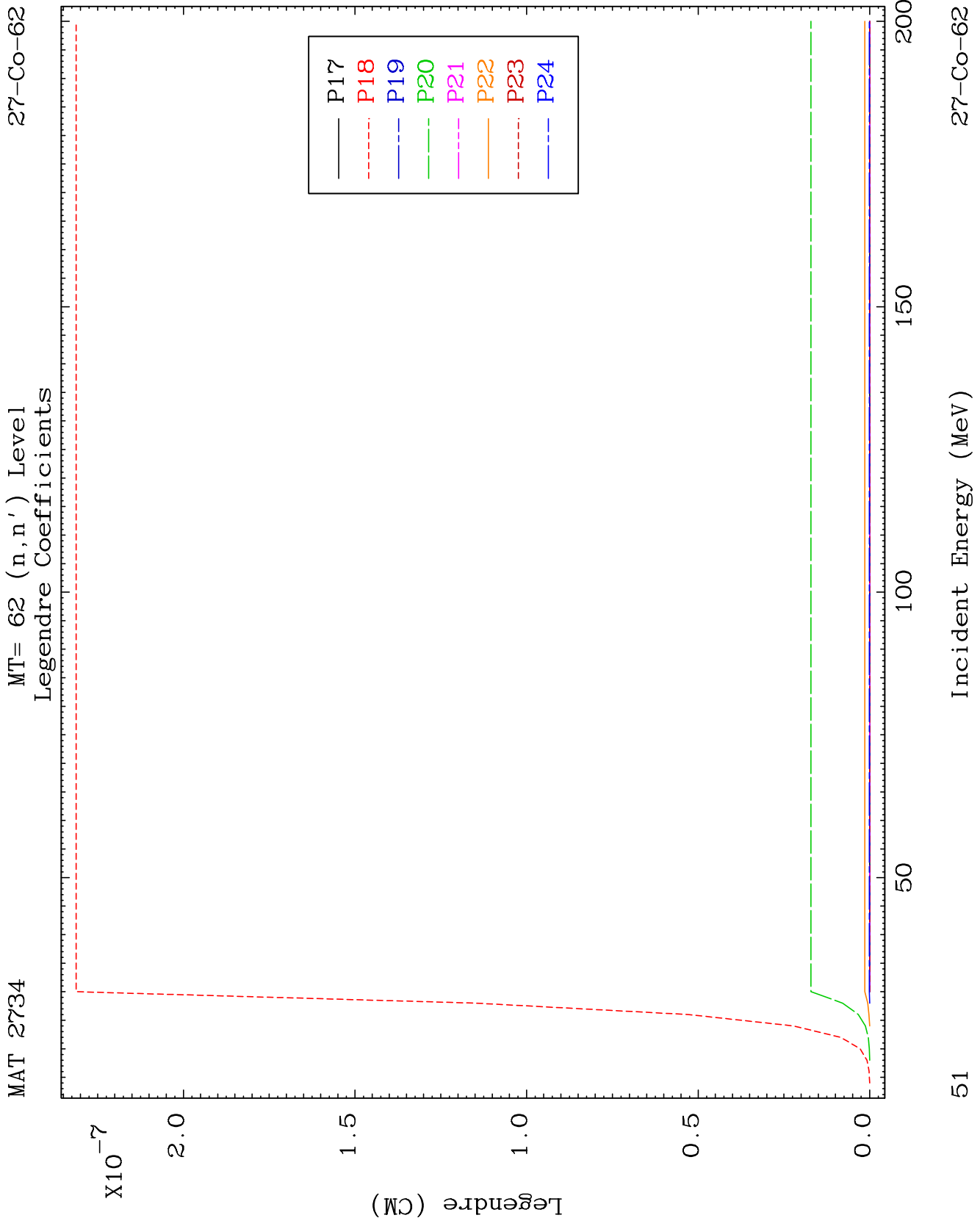
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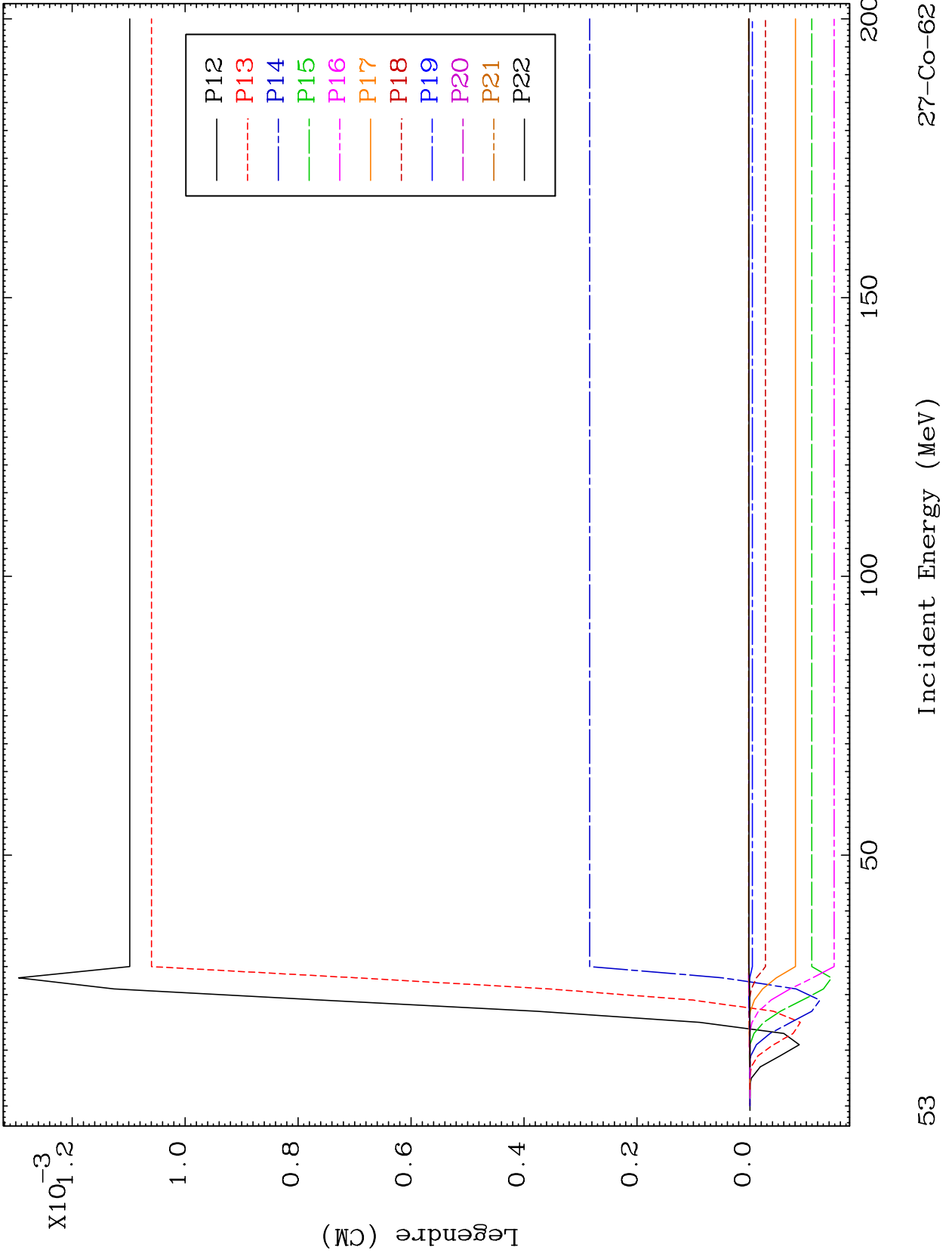








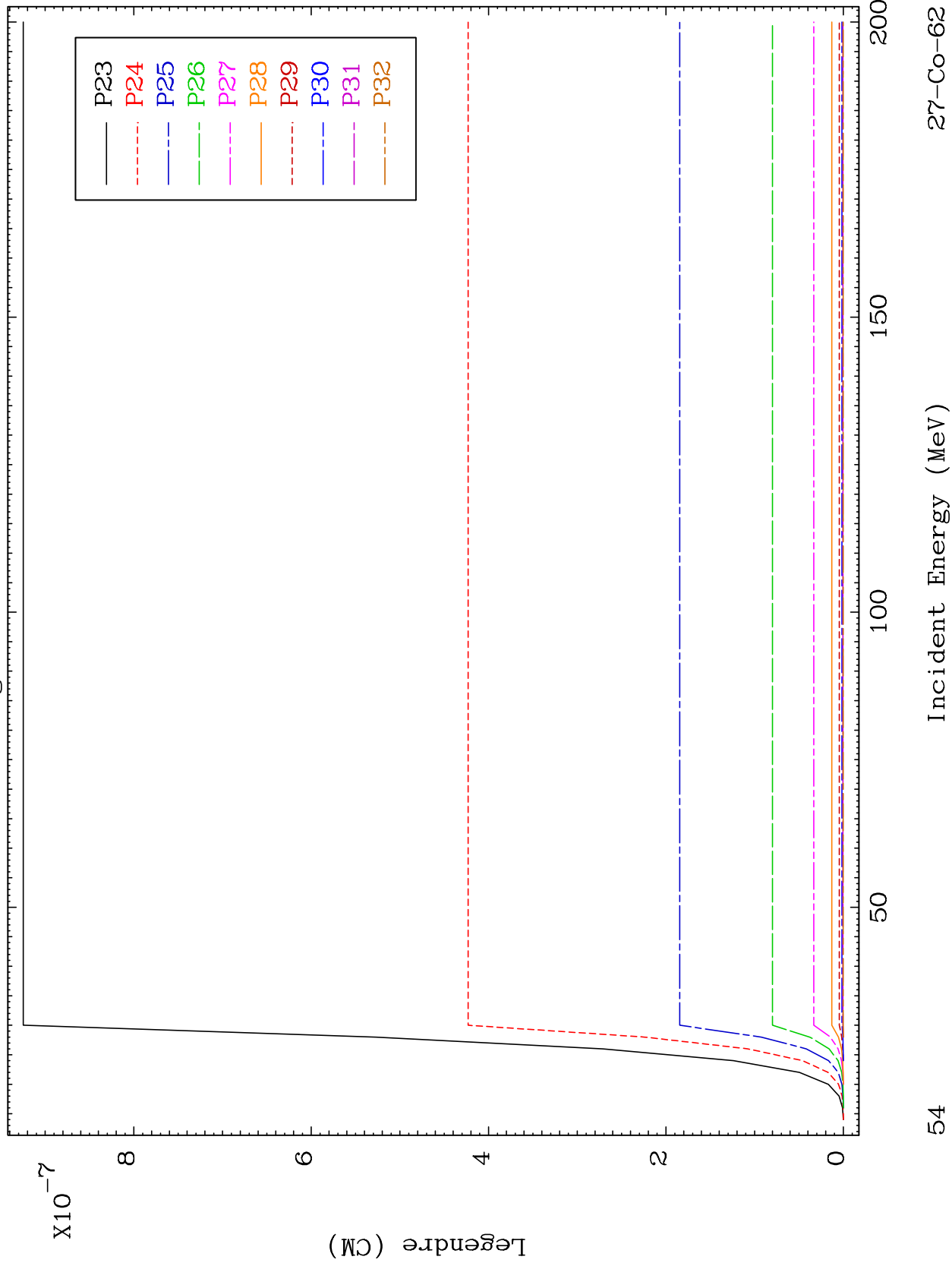




MAT 2734

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

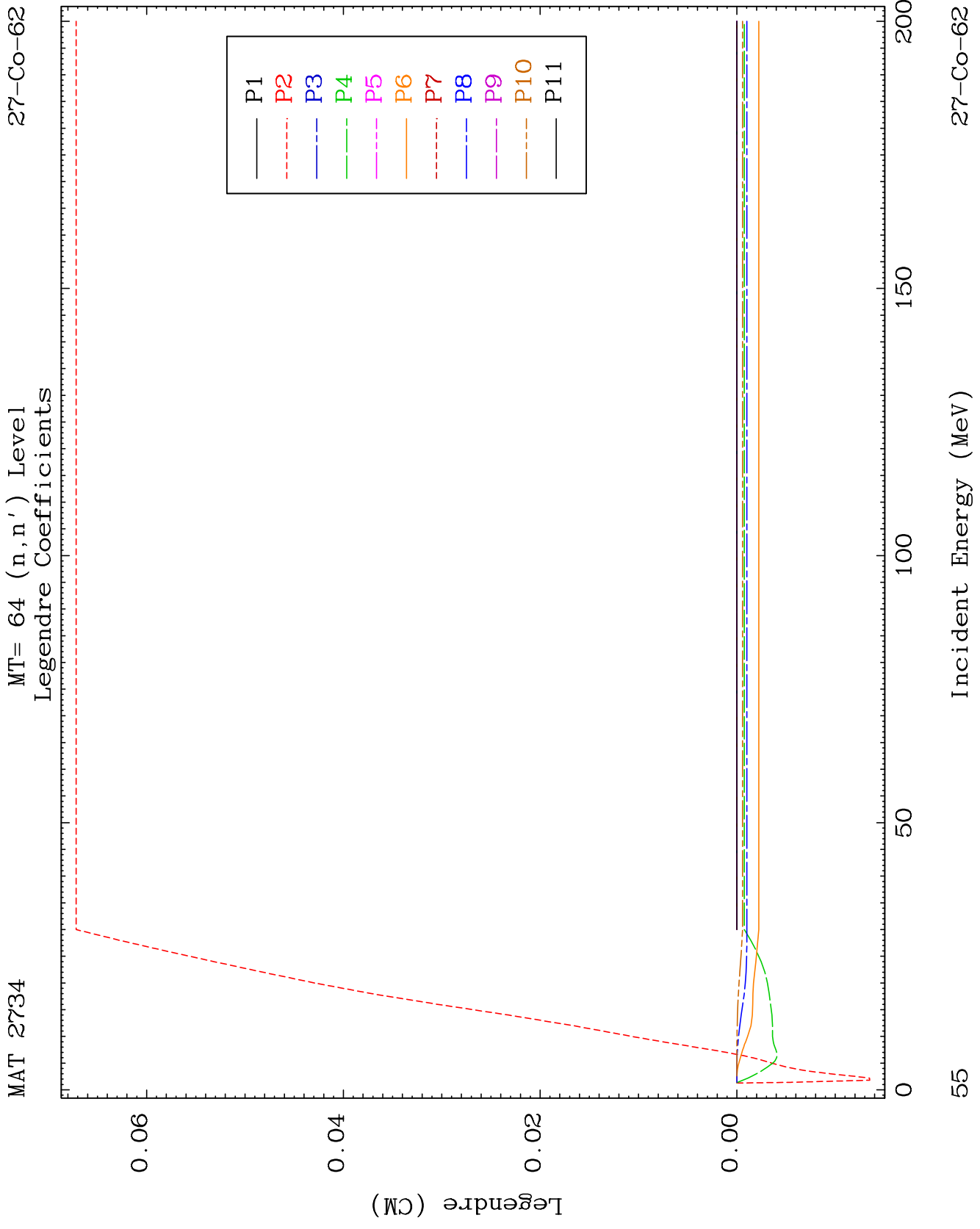
27-Co-62



54

Incident Energy (MeV)

27-Co-62

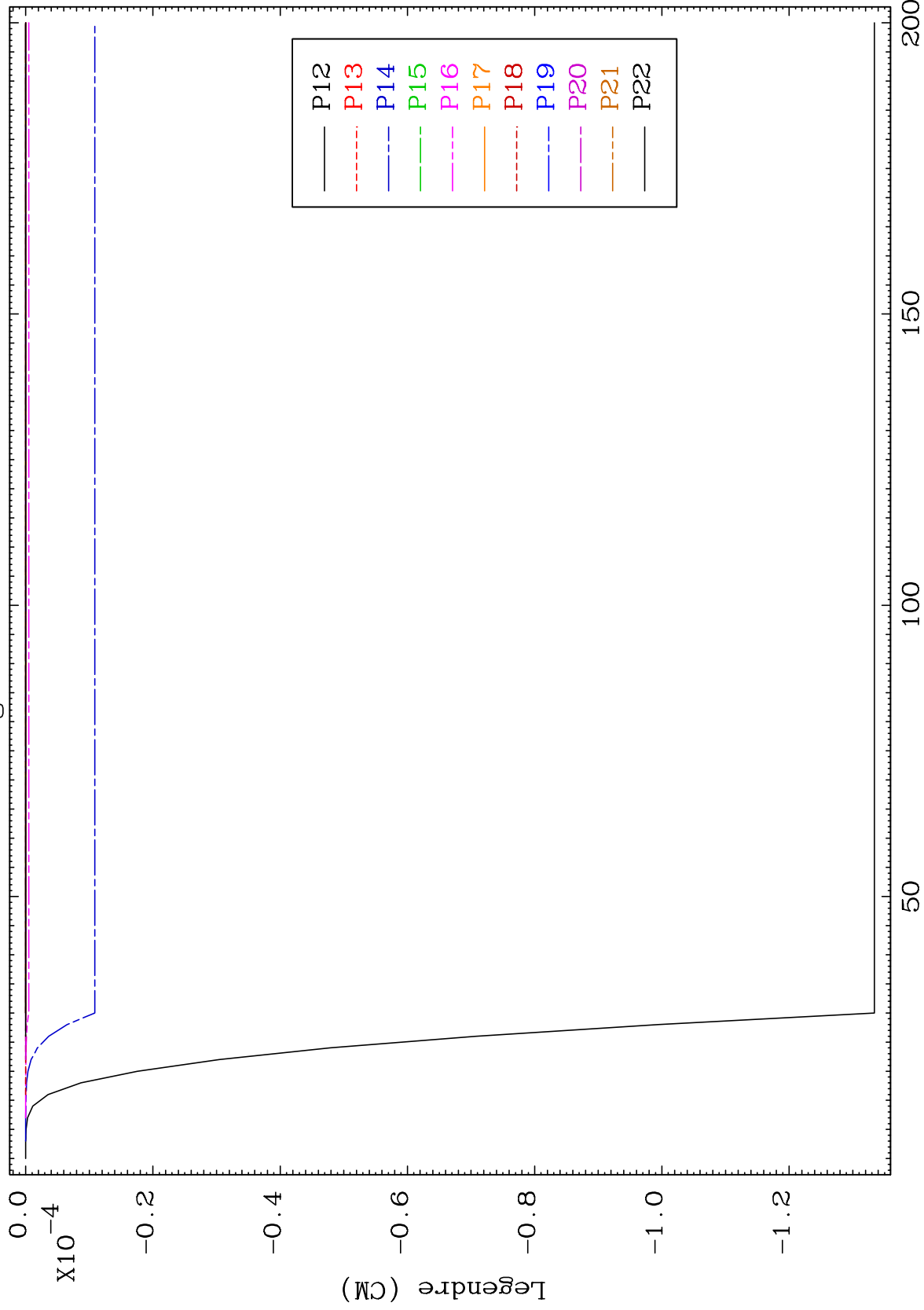




MAT 2734

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

27-Co-62



56

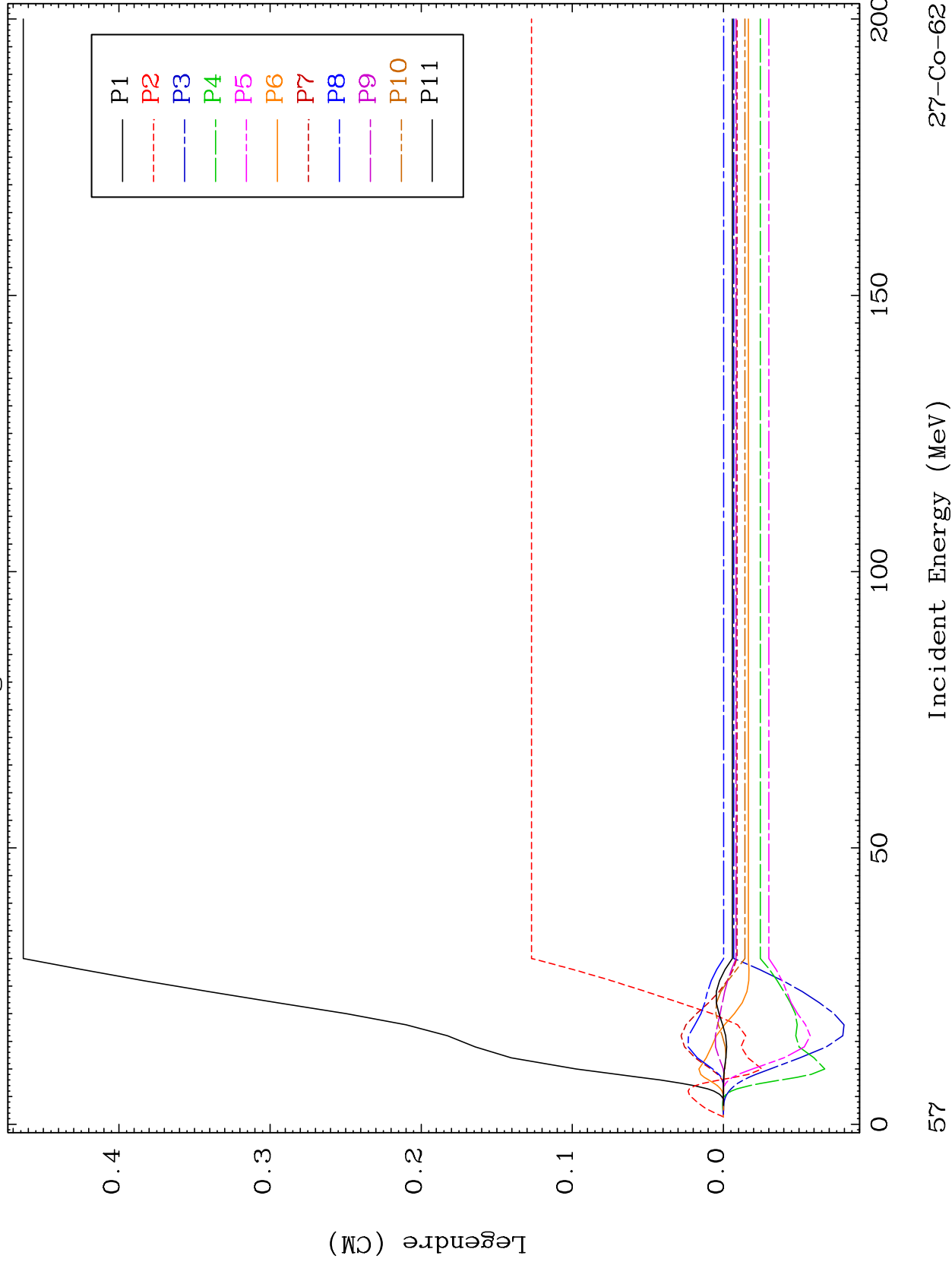
Incident Energy (MeV)

27-Co-62

MAT 2734

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

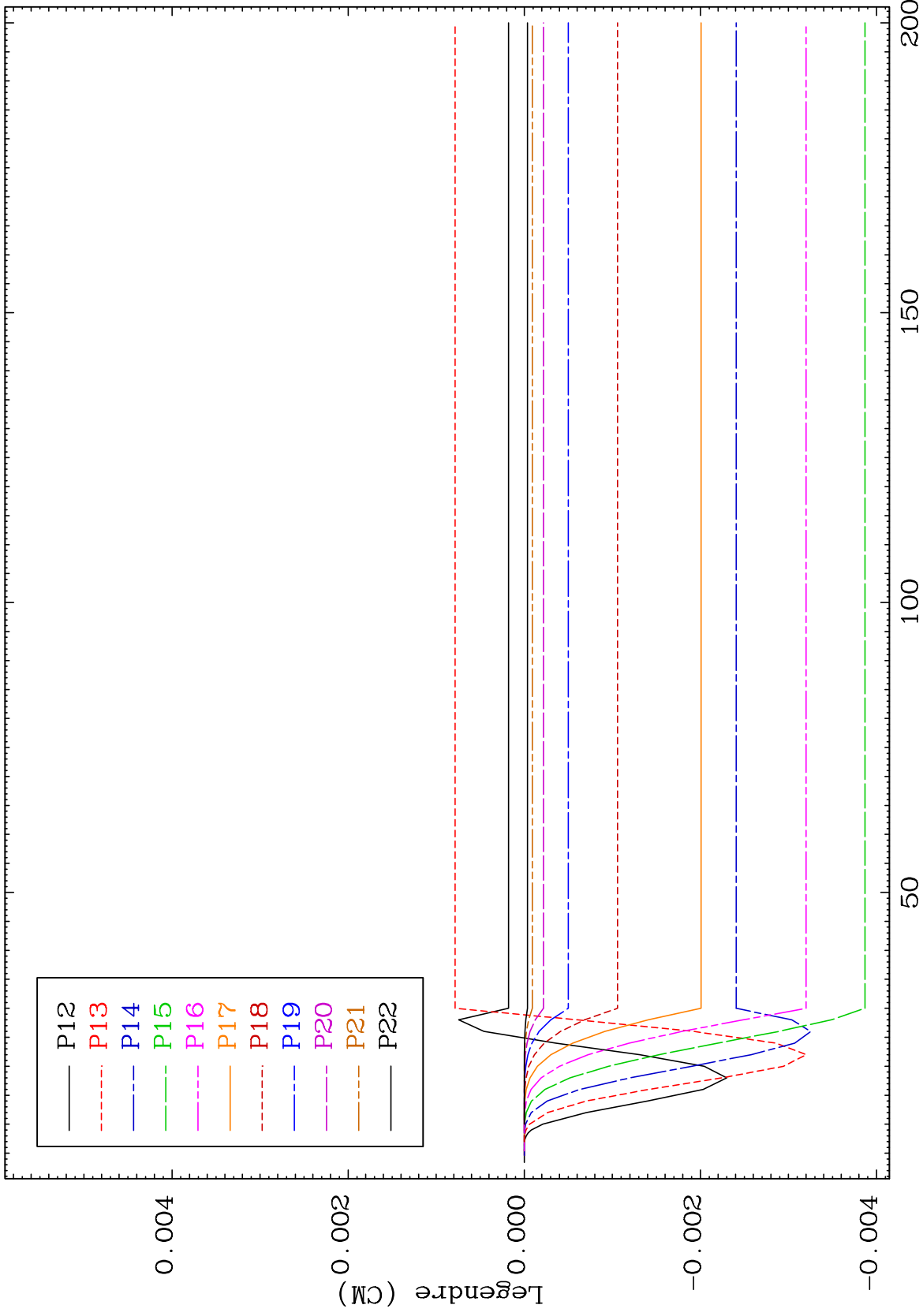
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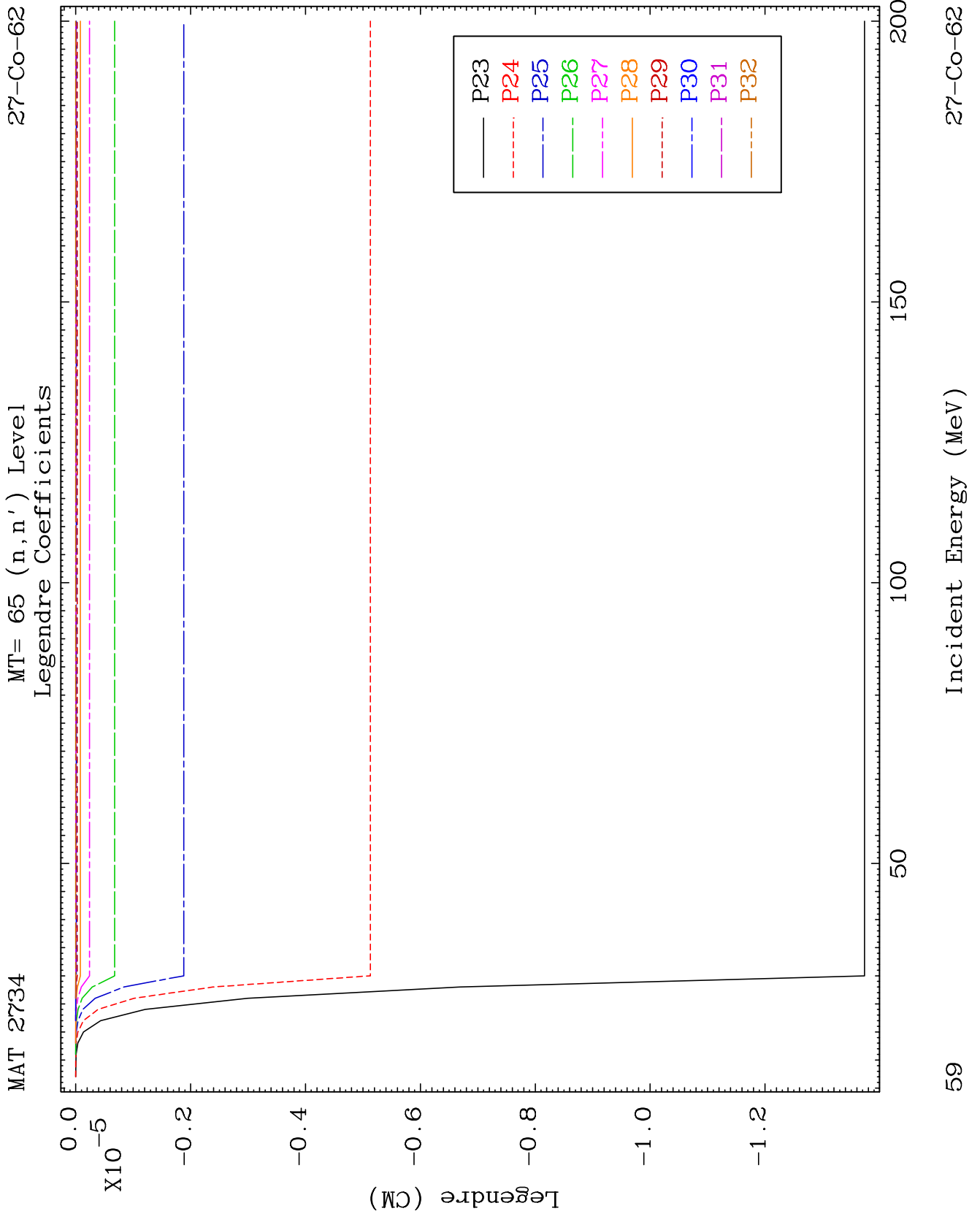


27-Co-62

Incident Energy (MeV)

57



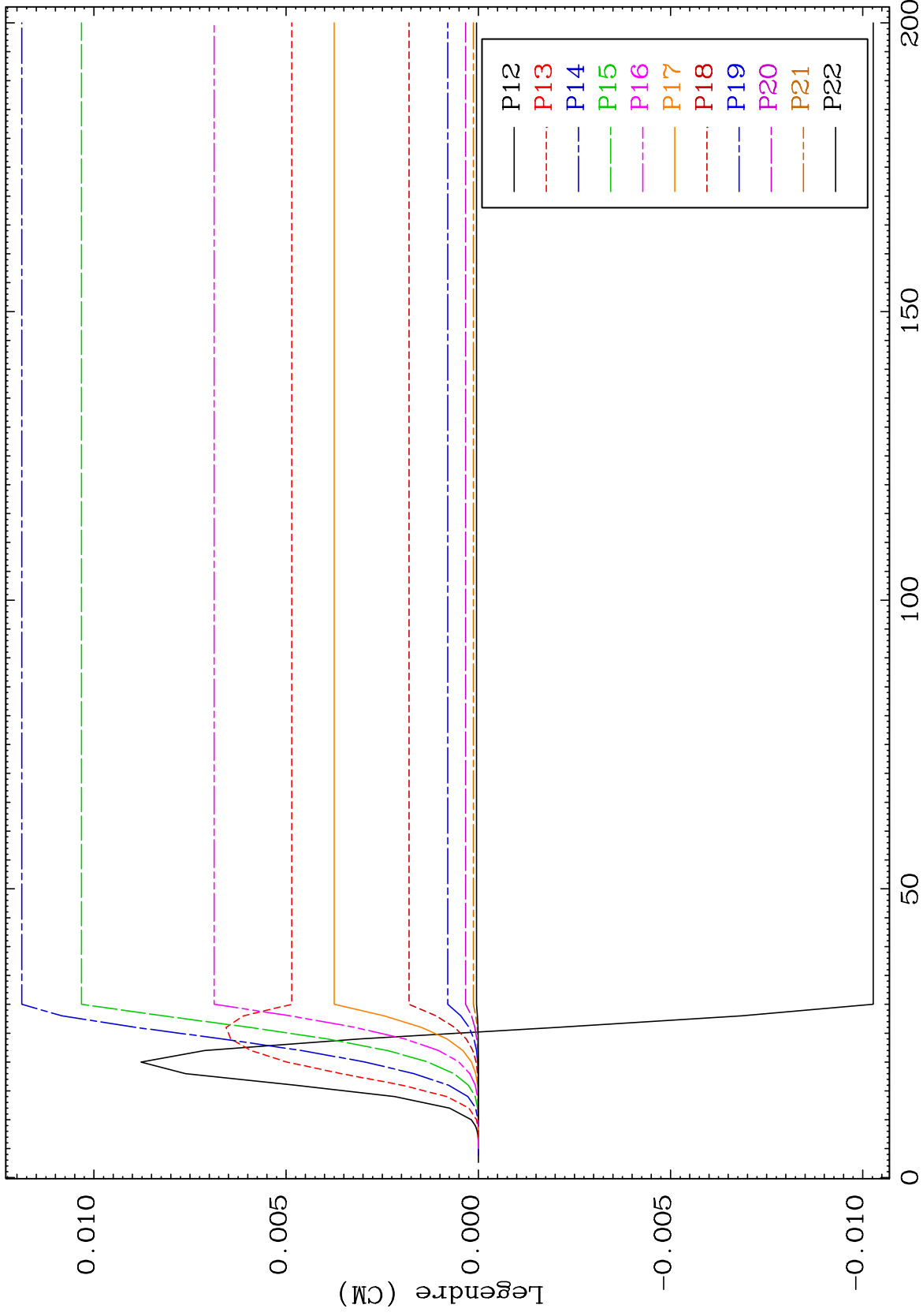




MAT 2734

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

27-Co-62



61

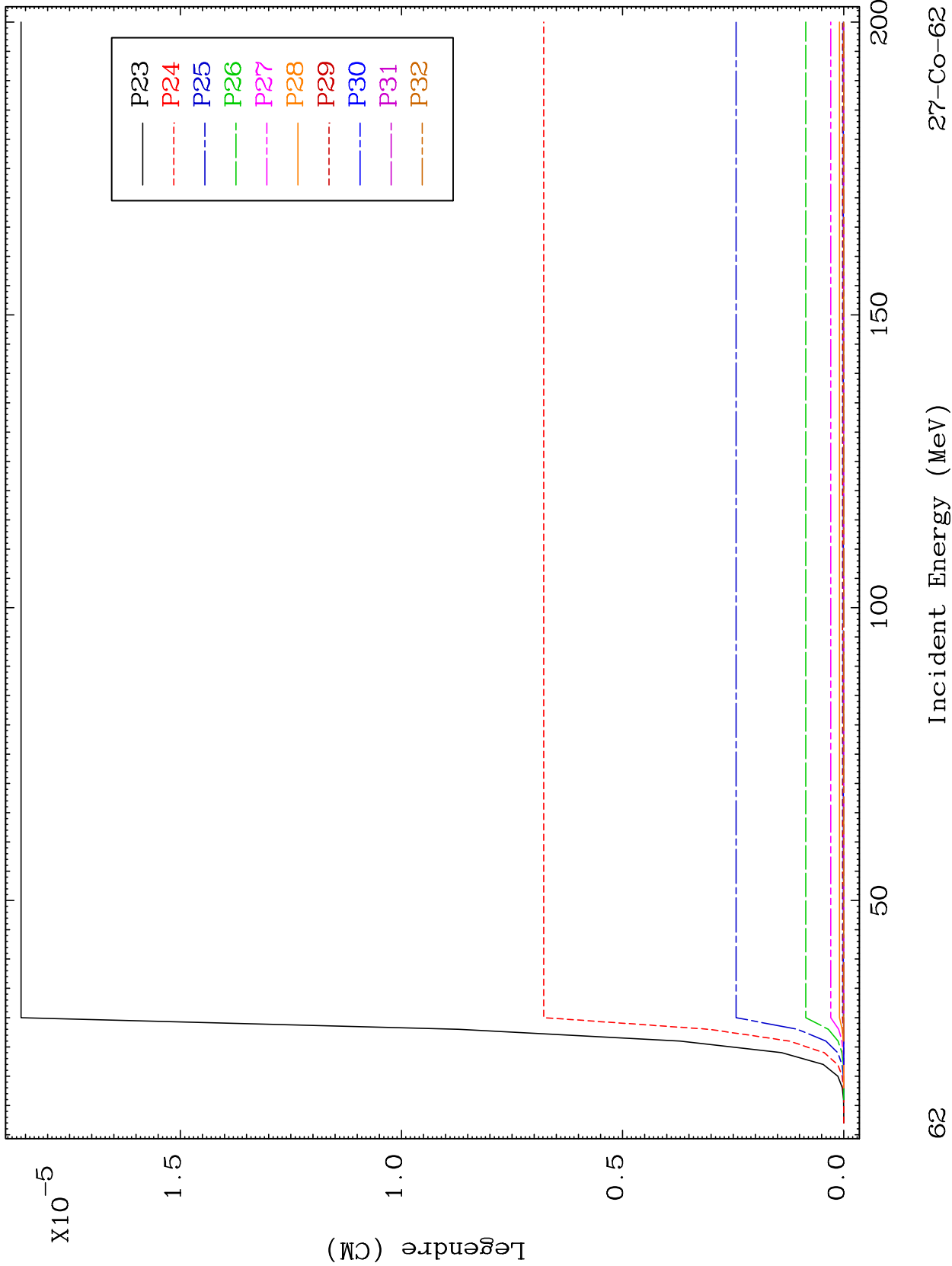
Incident Energy (MeV)

27-Co-62

MAT 2734

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

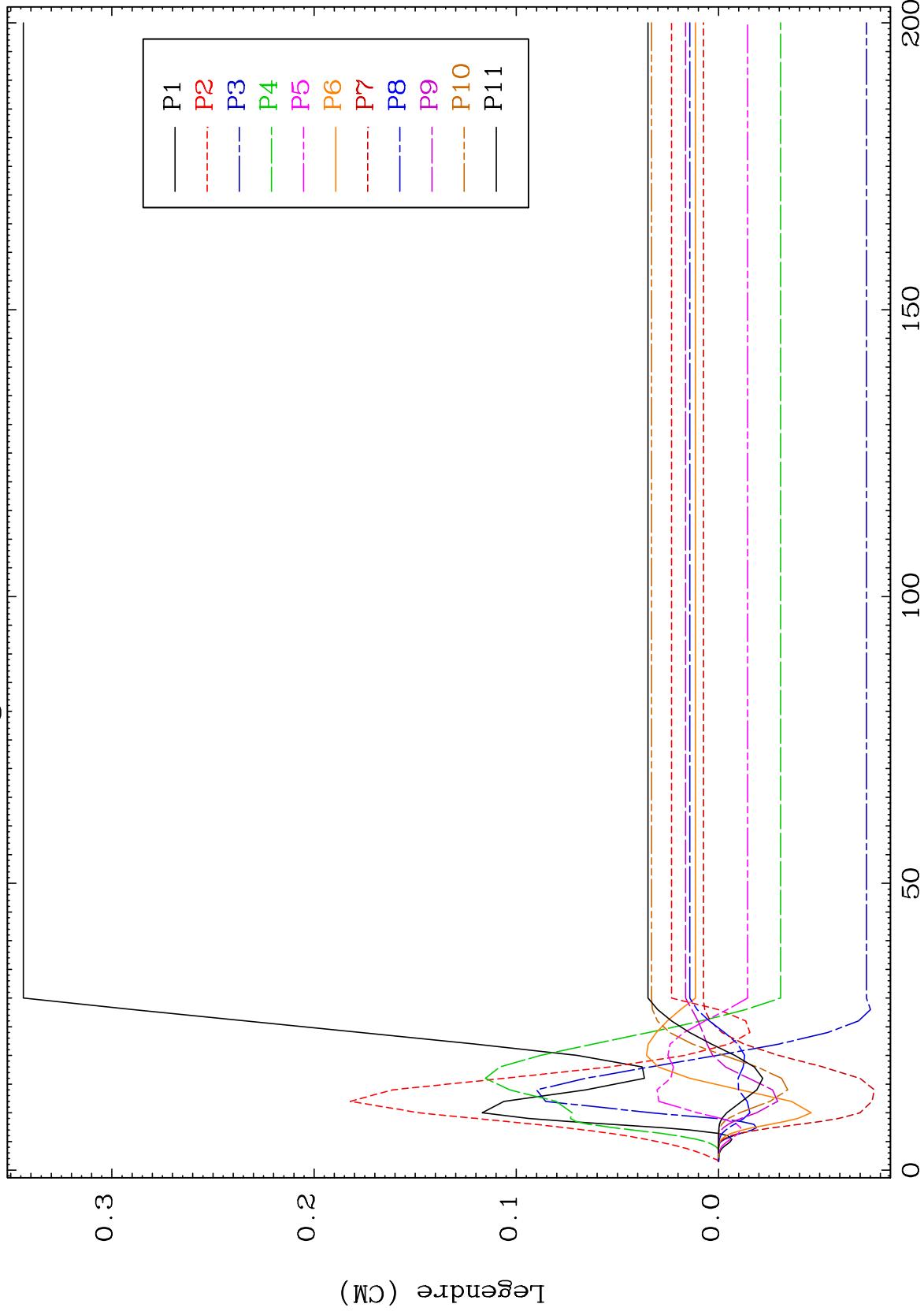
27-Co-62



MAT 2734

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

27-Co-62



63

Incident Energy (MeV)

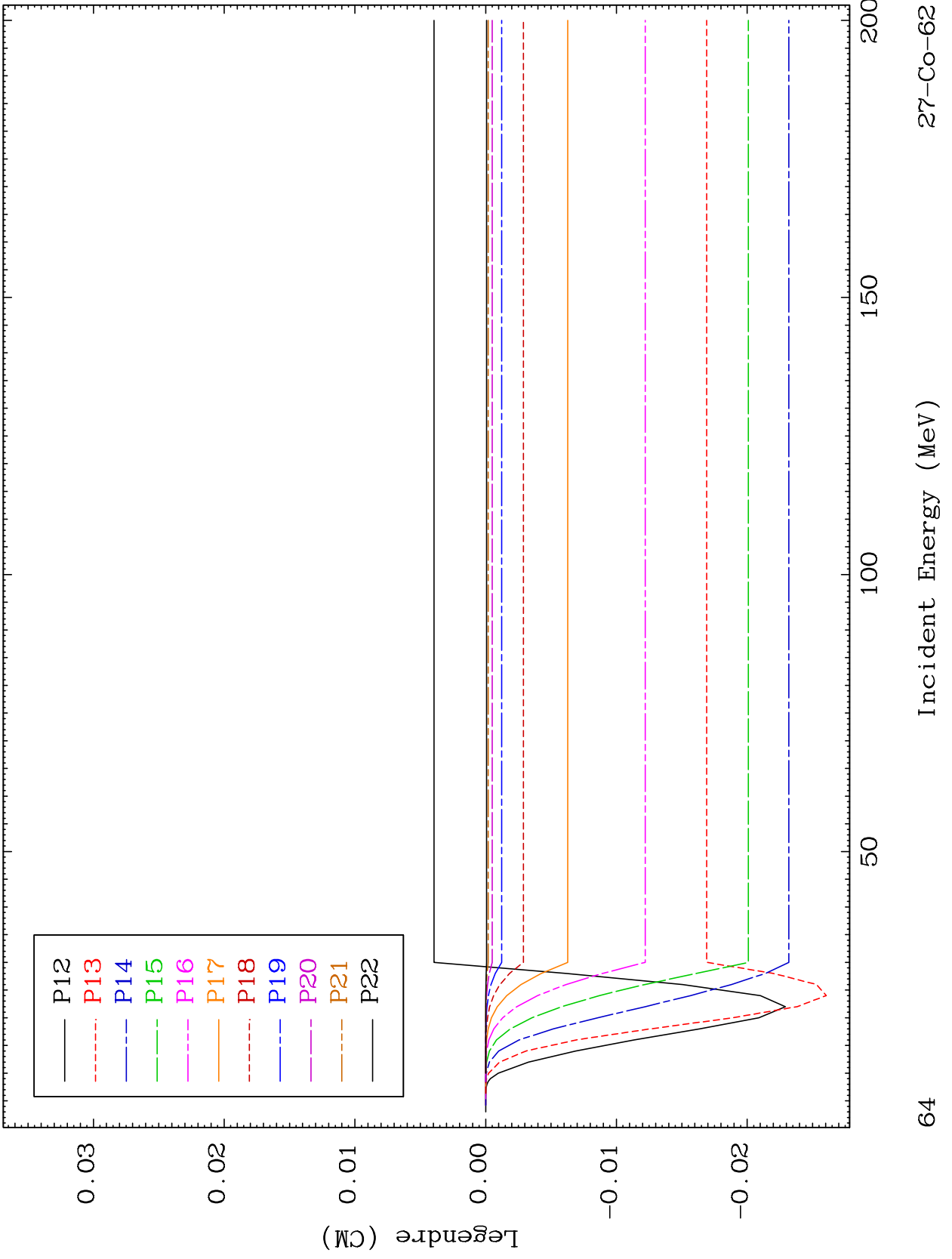
27-Co-62



MAT 2734

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

27-Co-62



64

Incident Energy (MeV)

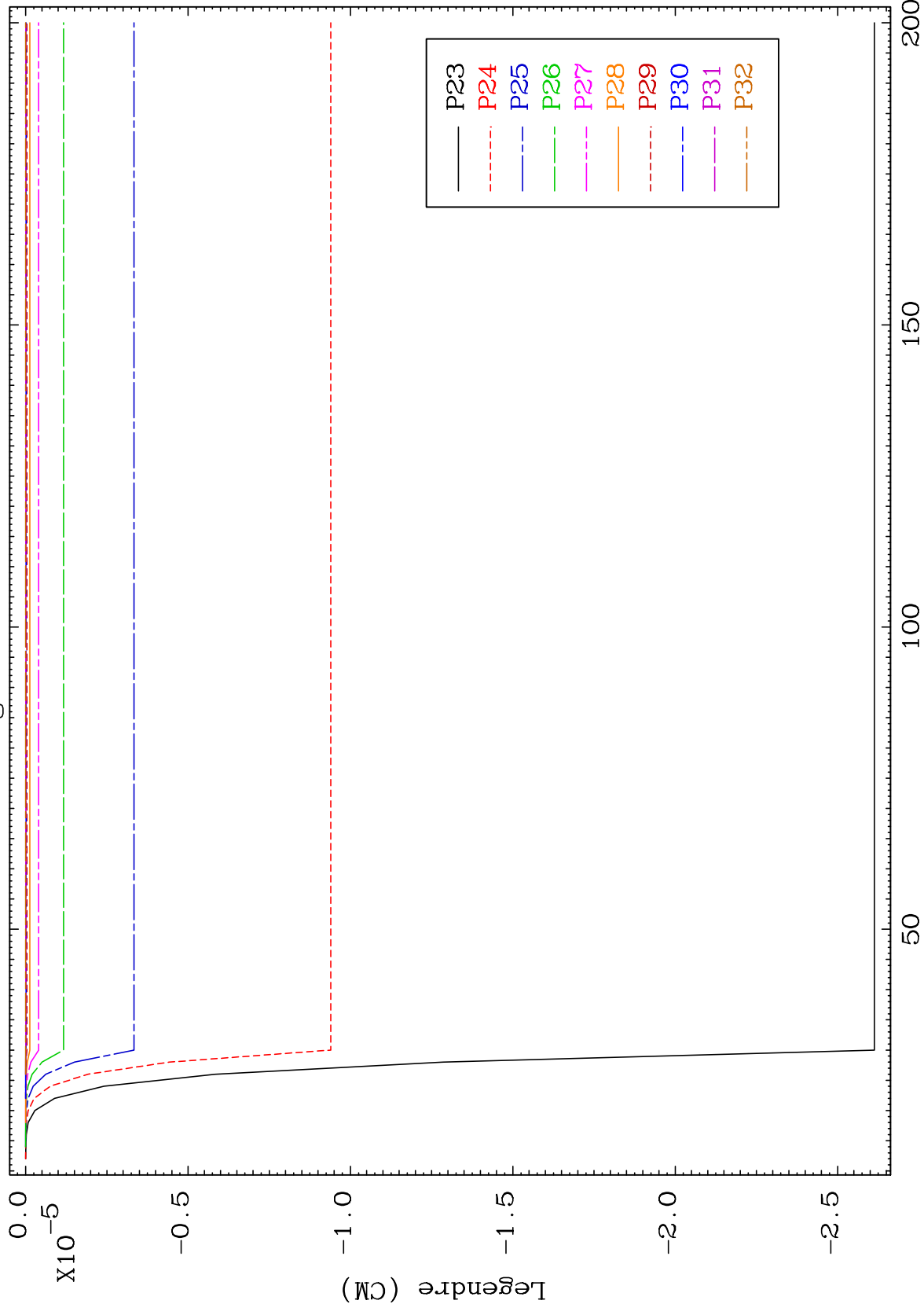
27-Co-62

MAT 2734

MT= 67 (n,n') Level

27-Co-62

Legendre Coefficients



27-Co-62

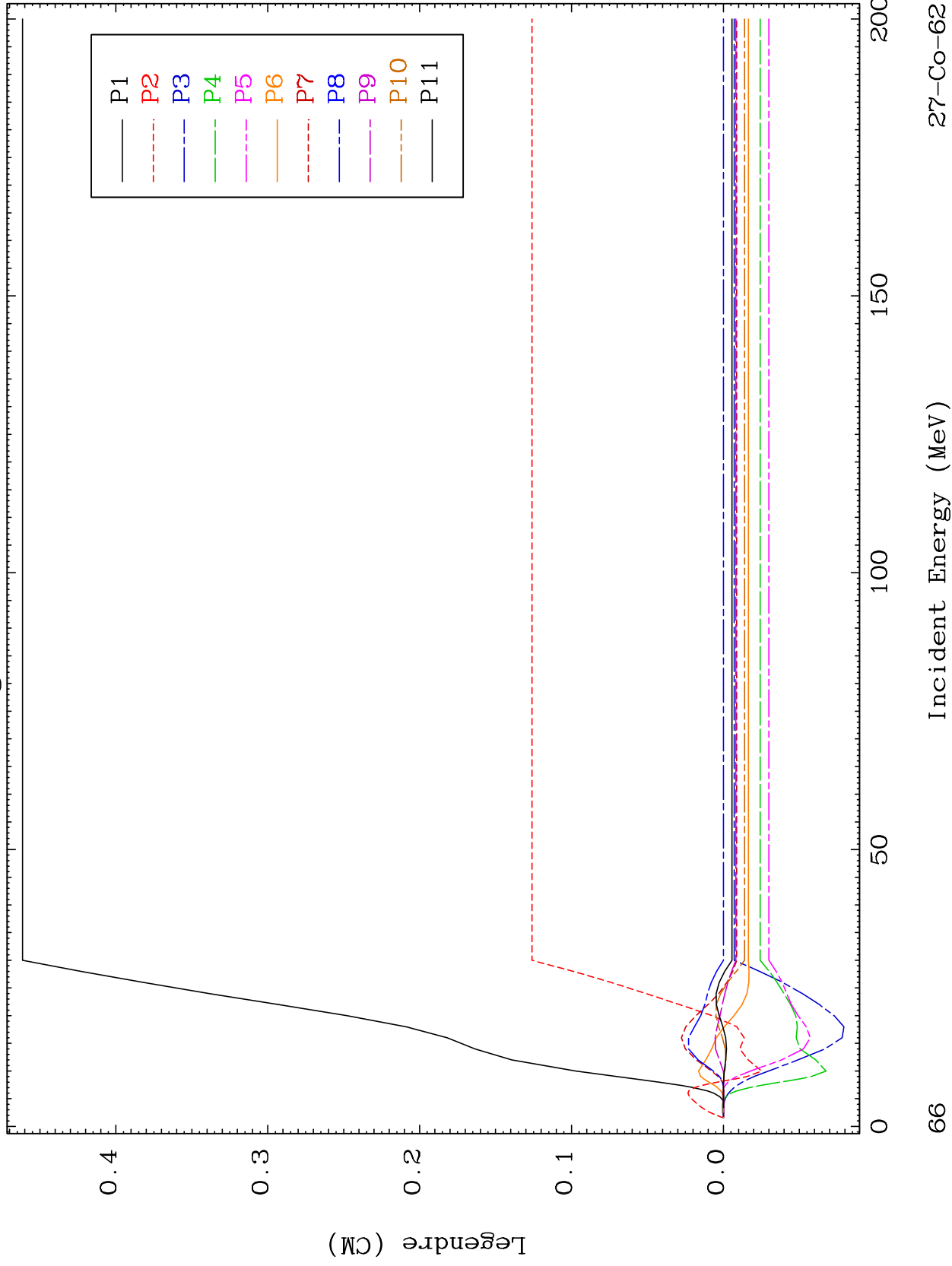
Incident Energy (MeV)

65

MAT 2734

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

27-Co-62



27-Co-62

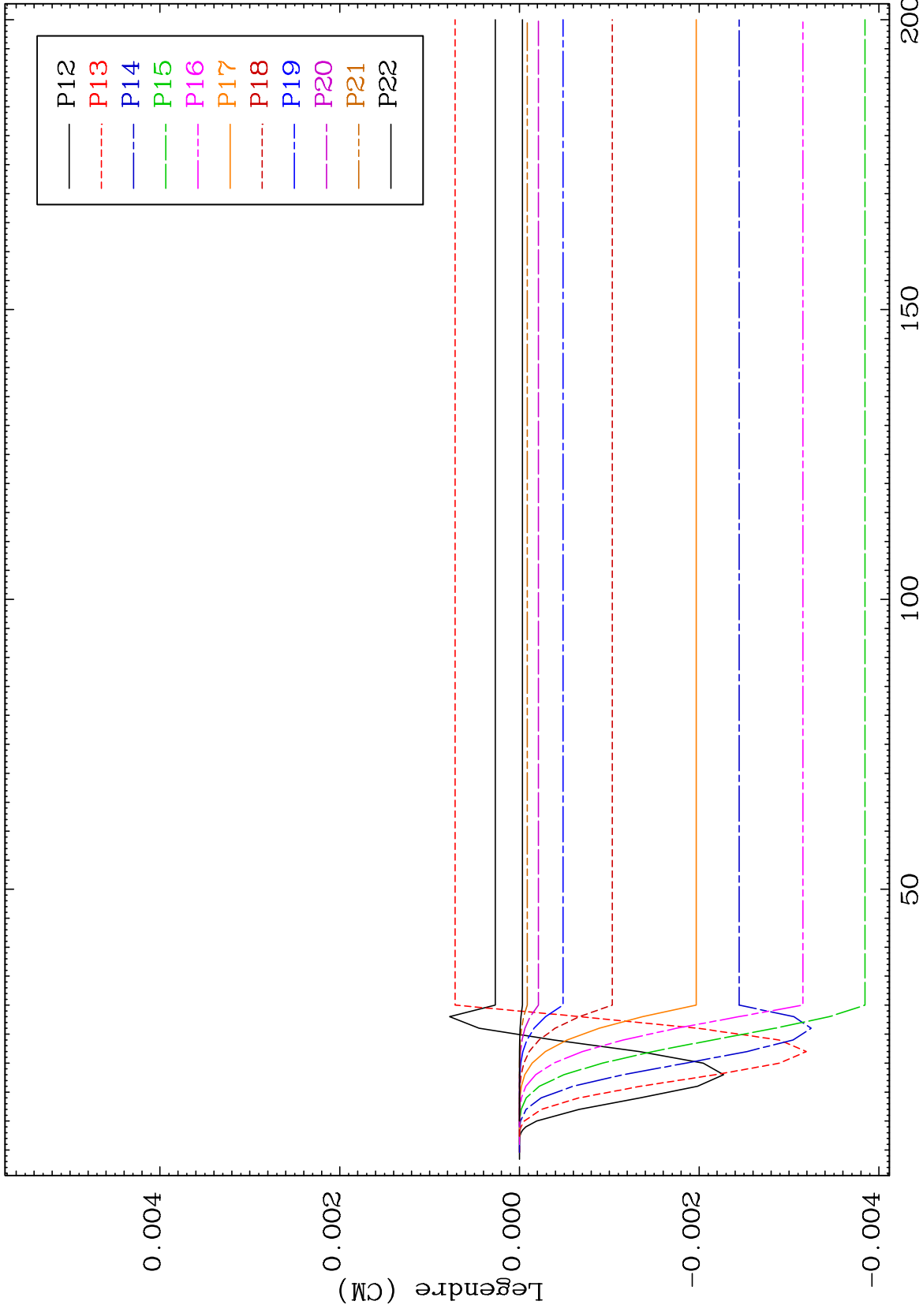
Incident Energy (MeV)

66

MAT 2734

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

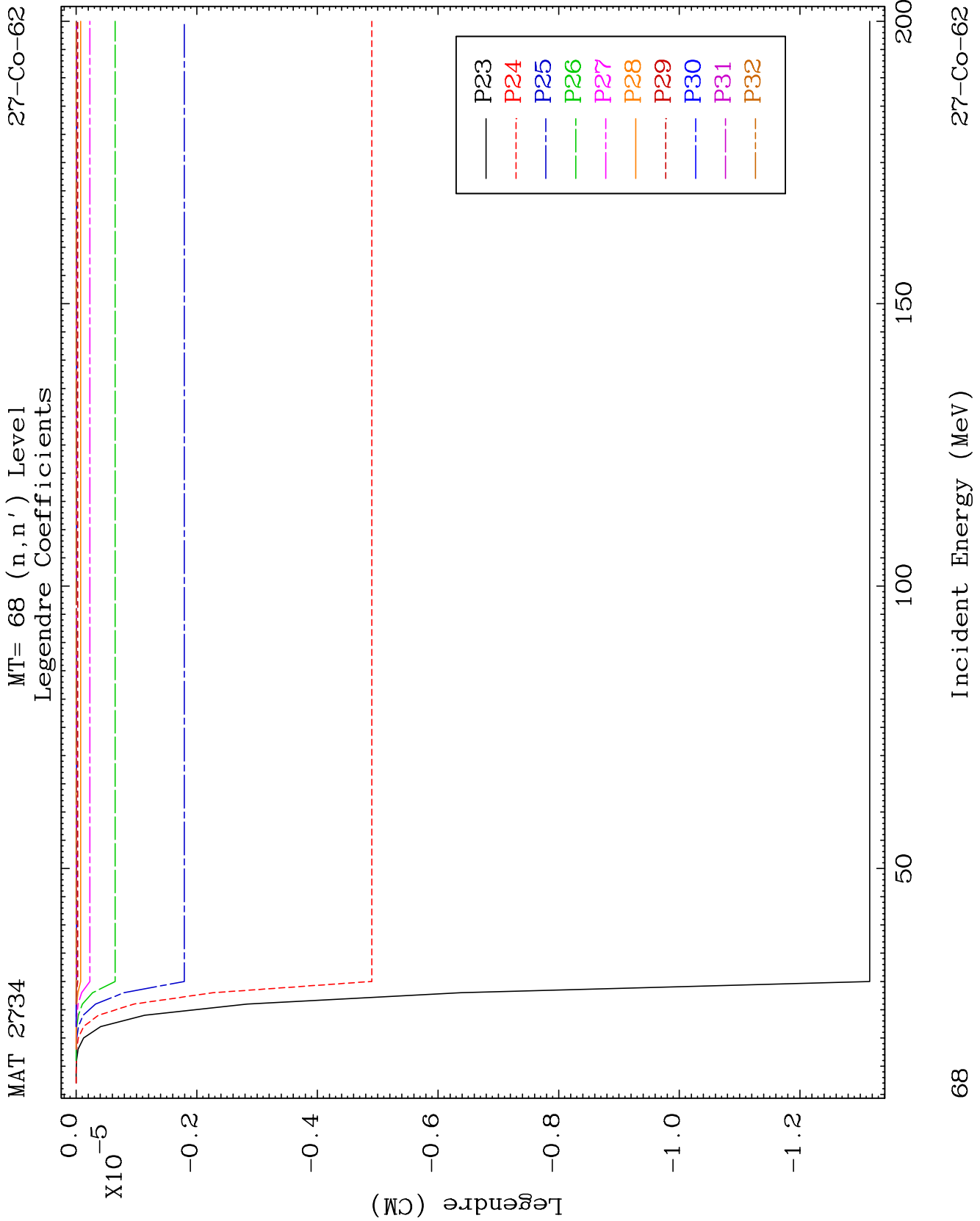
27-Co-62



67

Incident Energy (MeV)

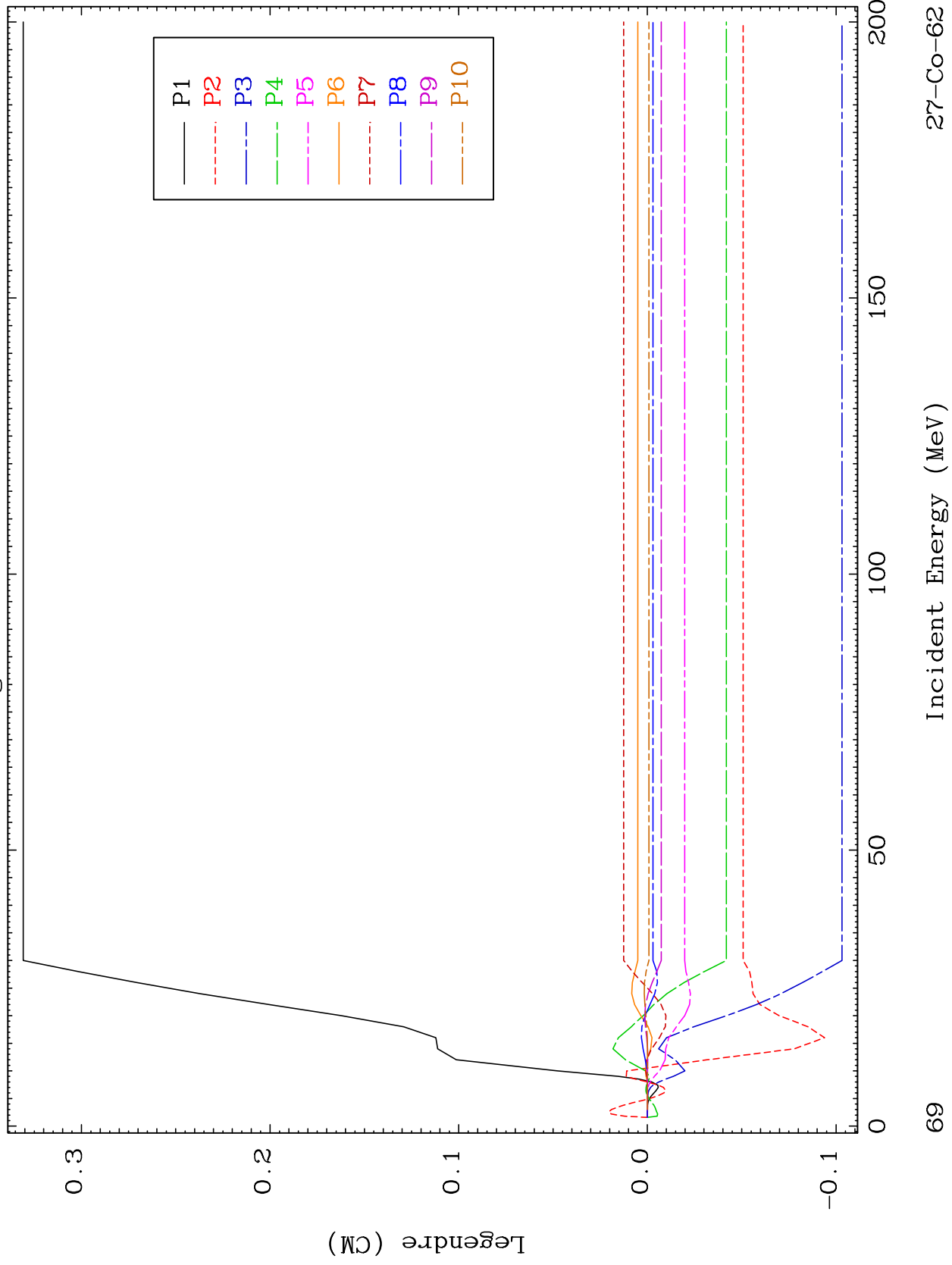
27-Co-62



MAT 2734

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

27-Co-62



27-Co-62

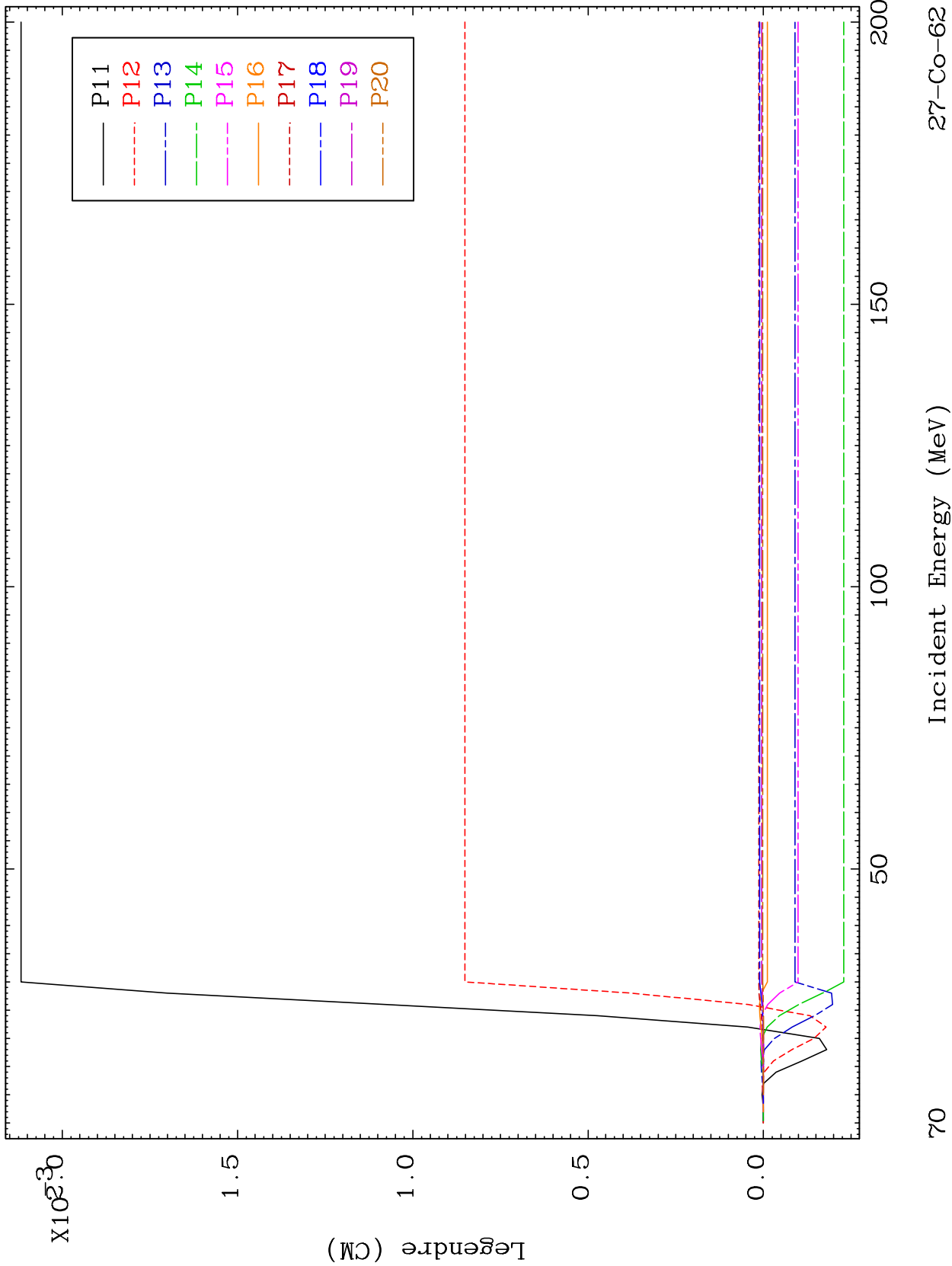
Incident Energy (MeV)

69

MAT 2734

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

27-Co-62



70

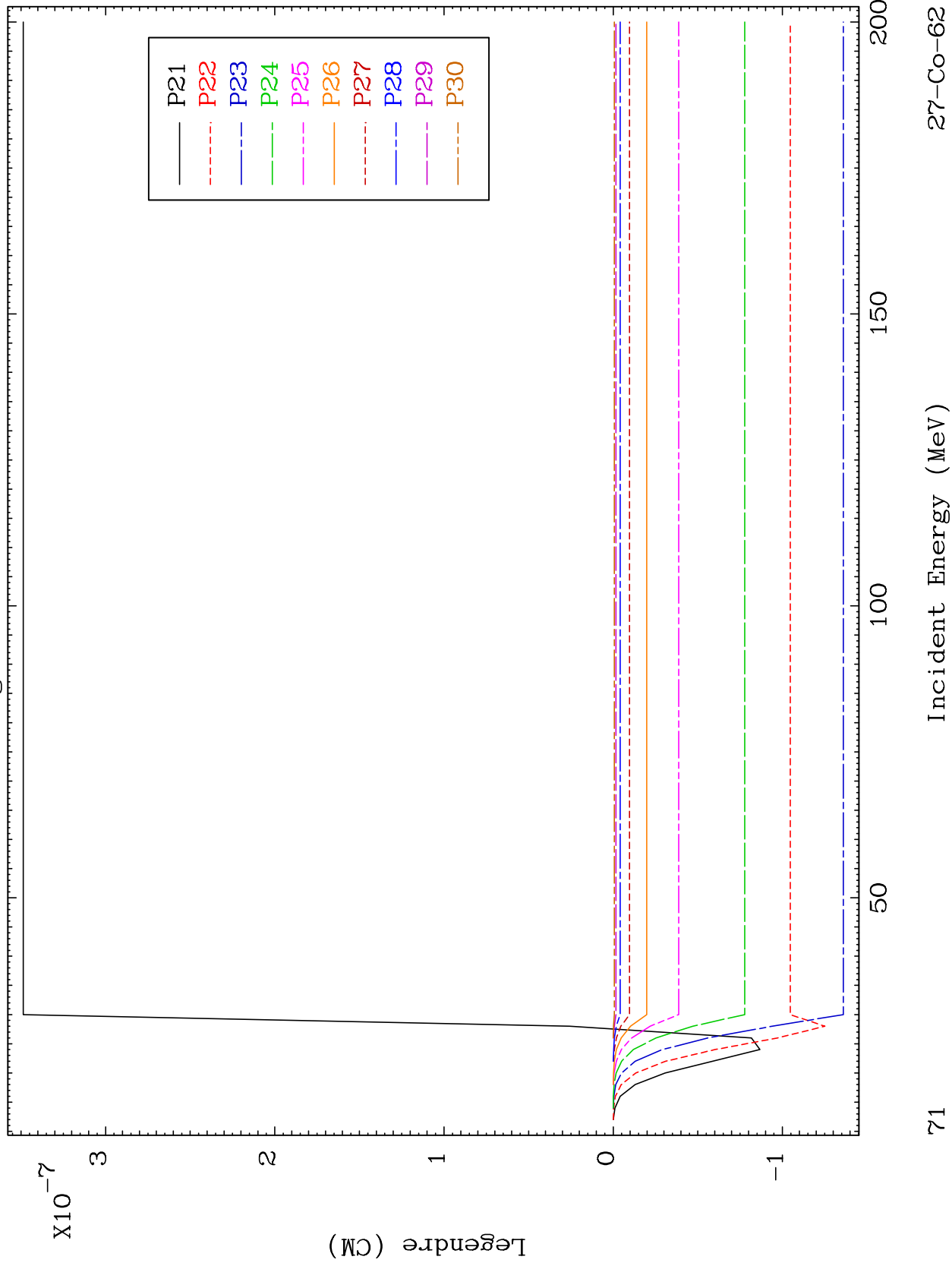
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



71

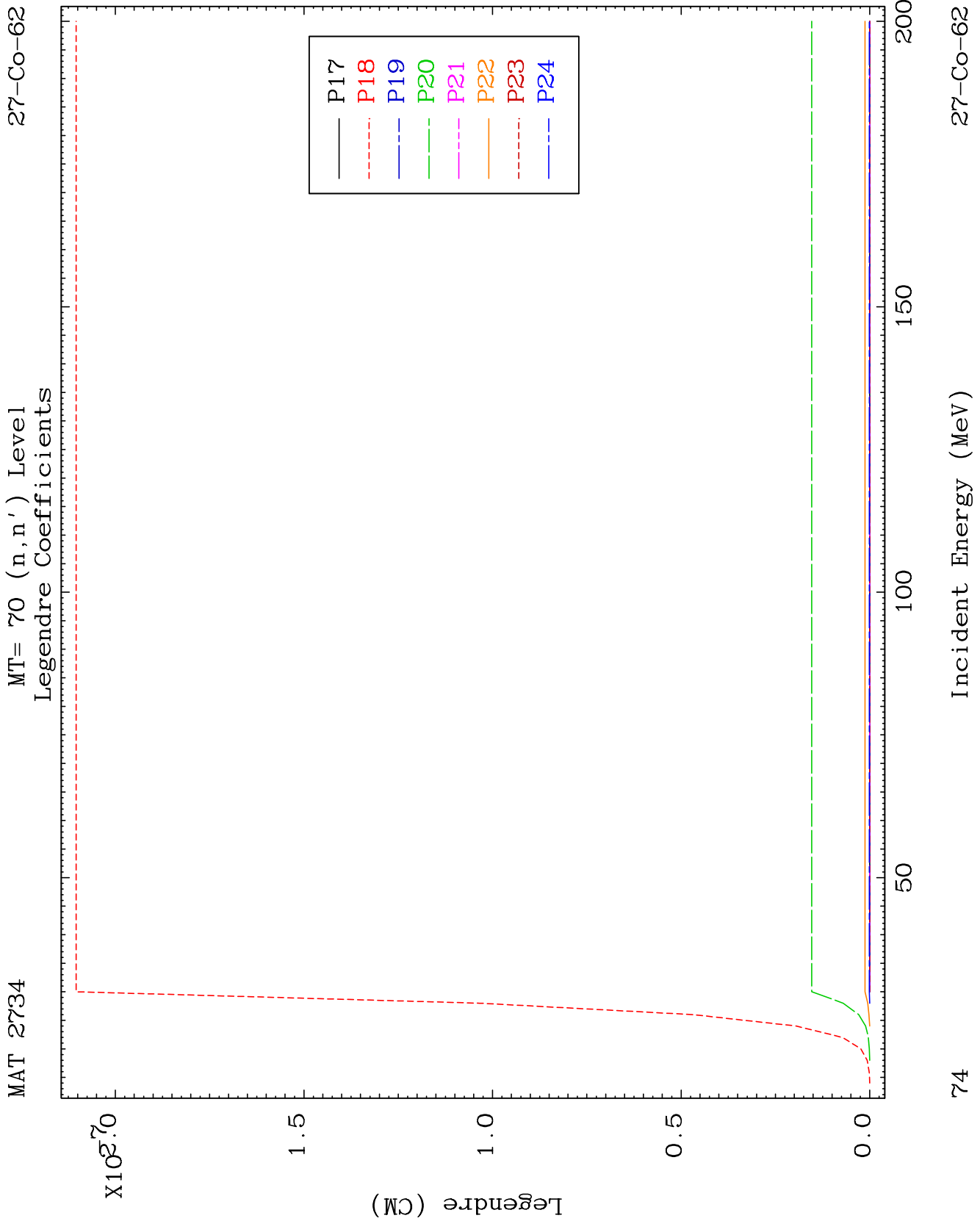
Incident Energy (MeV)

27-Co-62







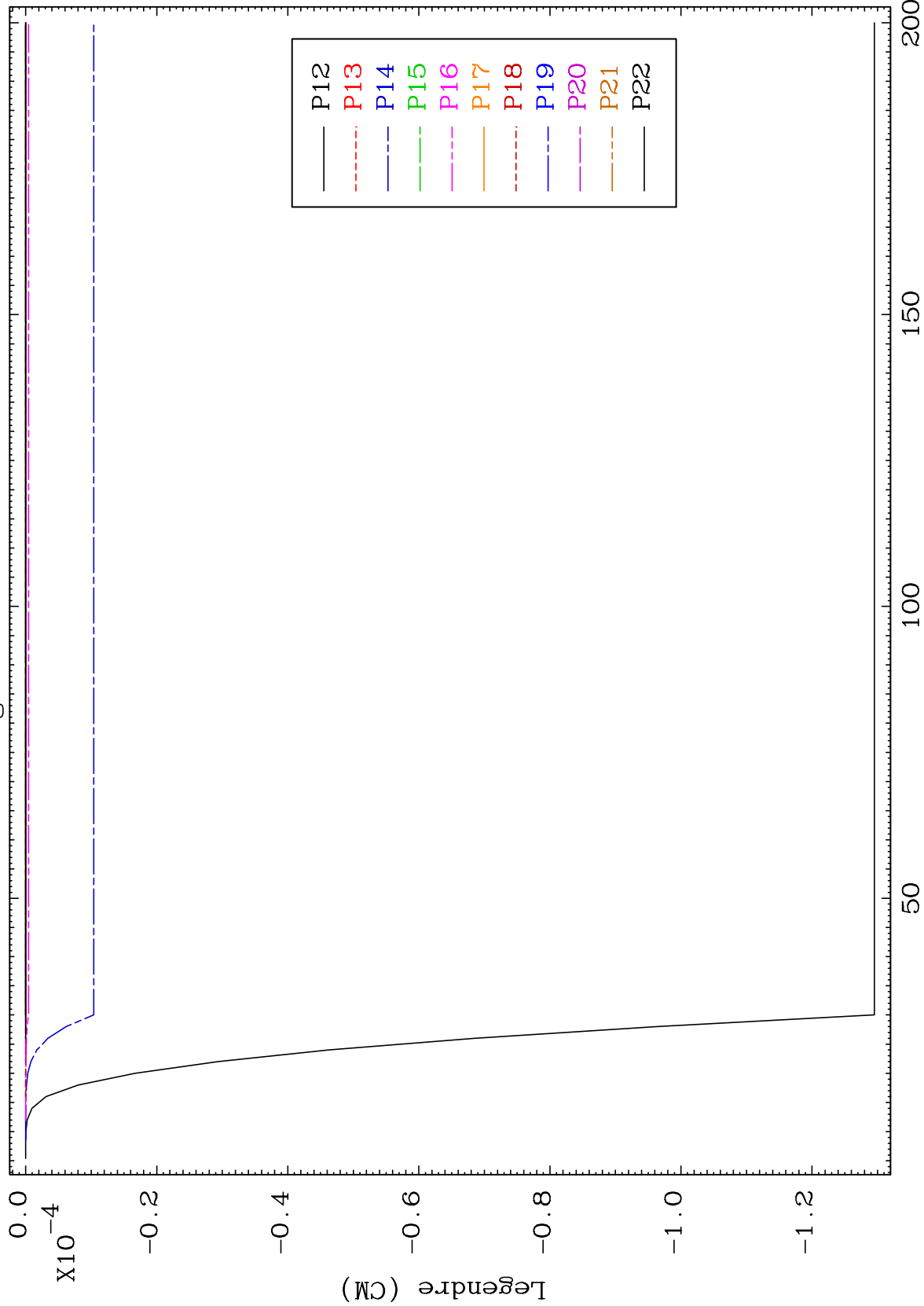




MAT 2734

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

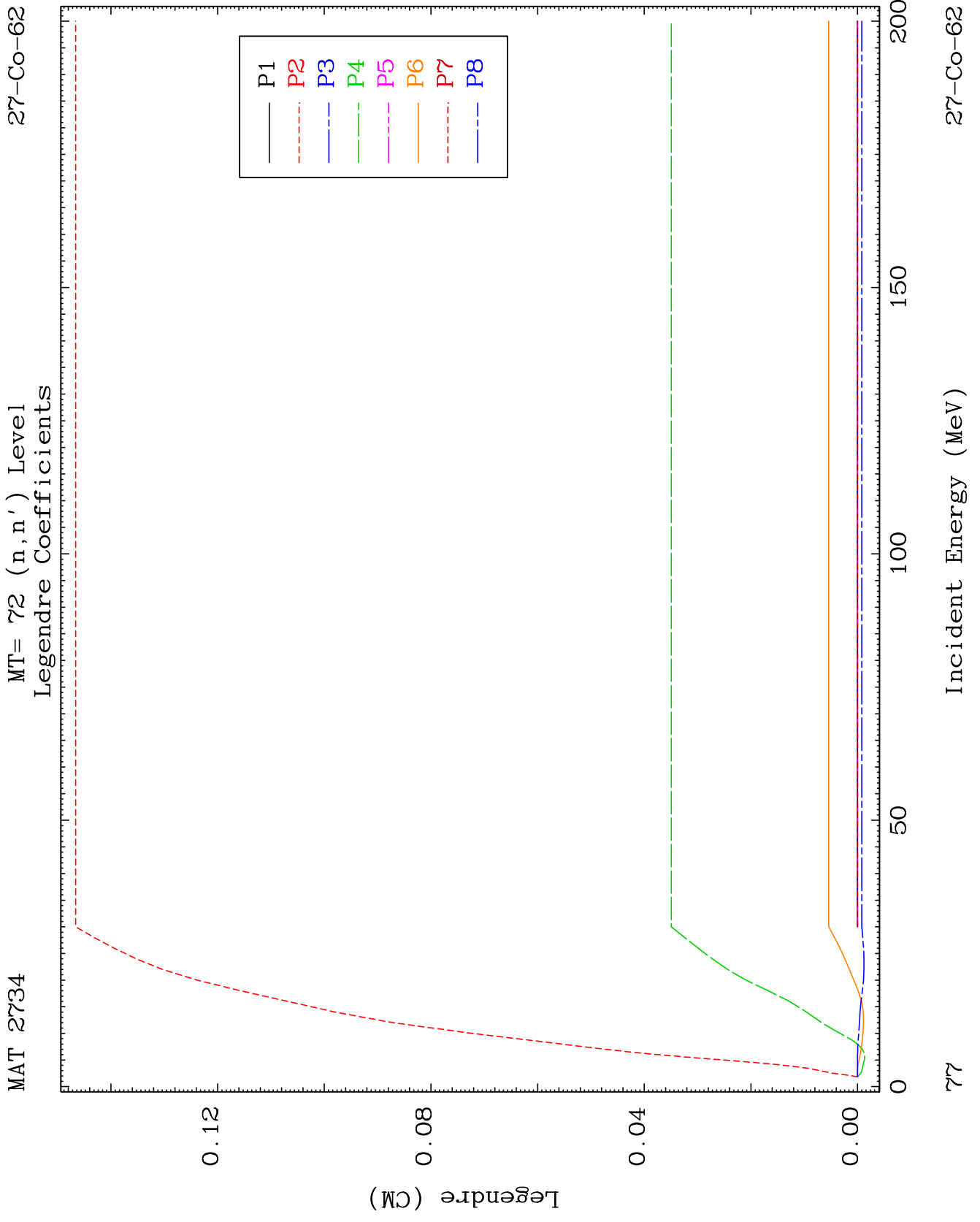
27-Co-62



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Incident Energy (MeV)

27-Co-62

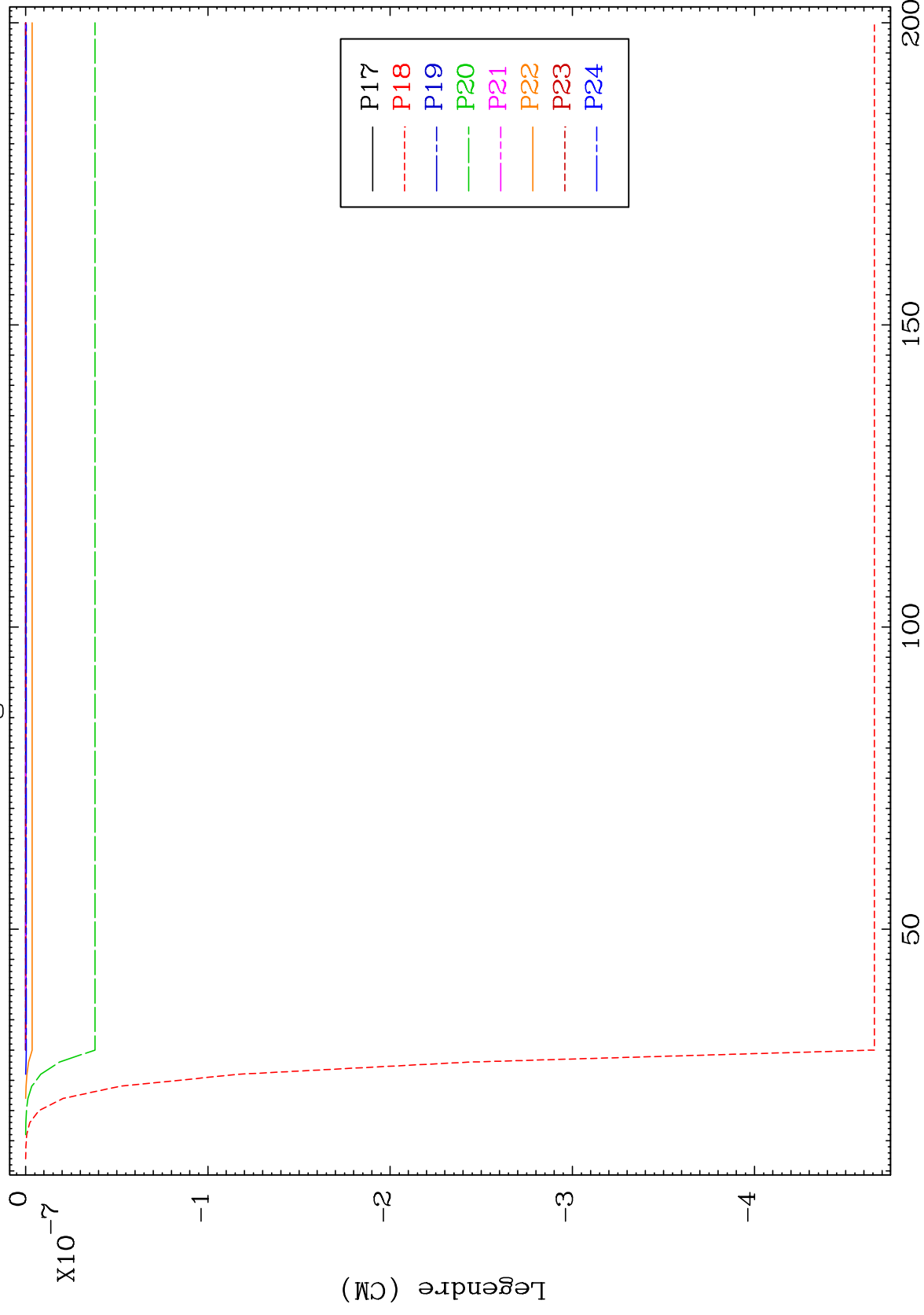




MAT 2734

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

27-Co-62

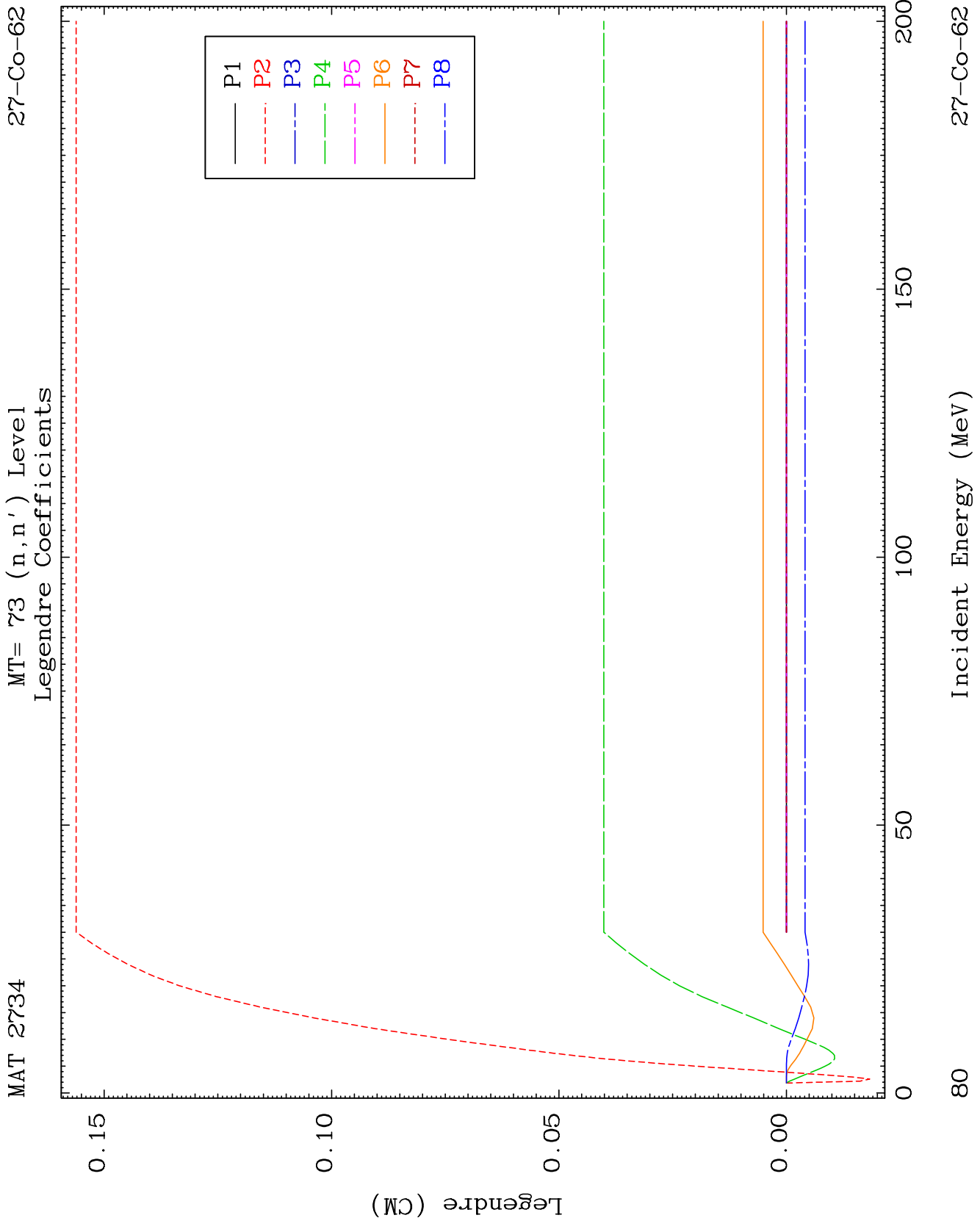


27-Co-62

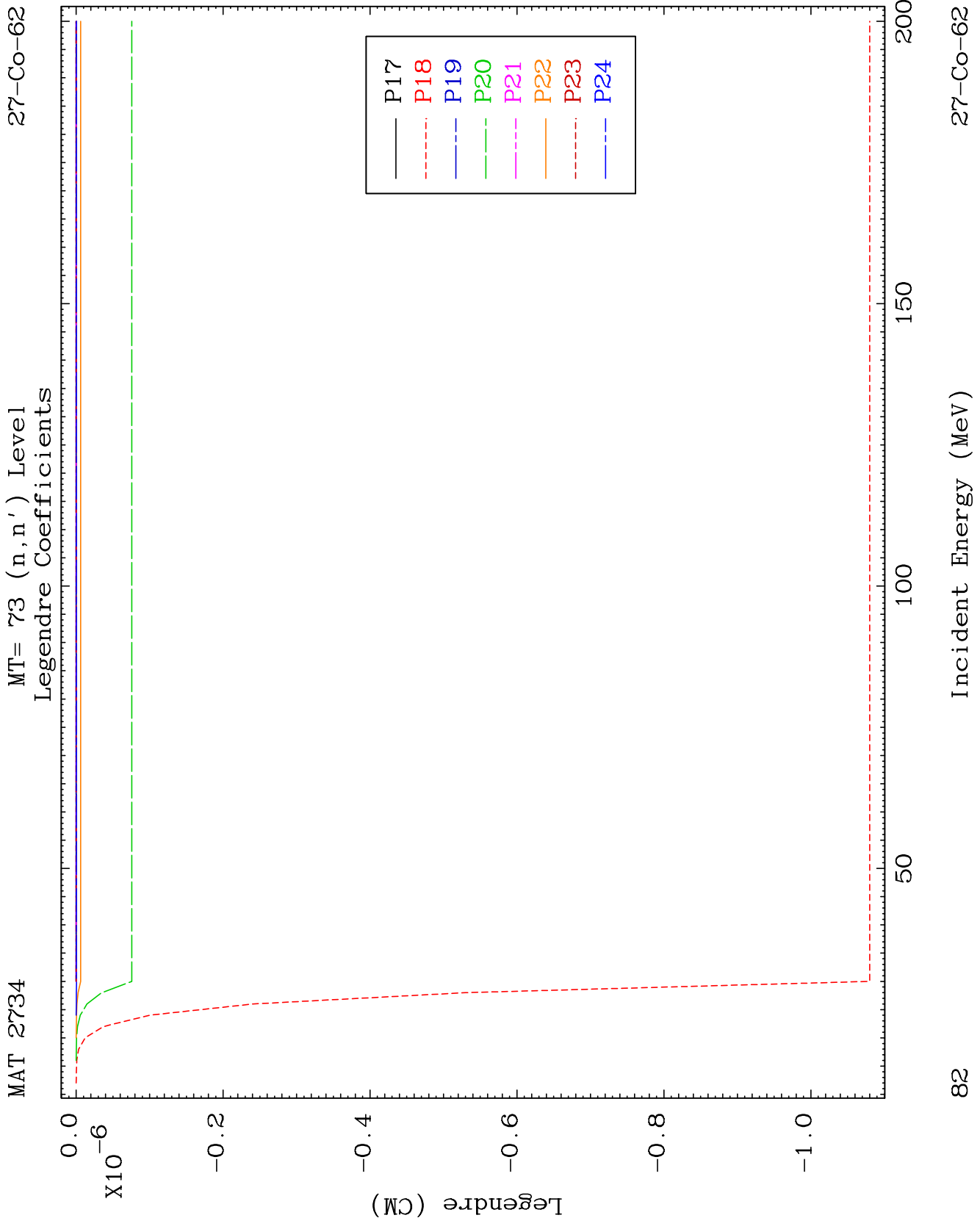
Incident Energy (MeV)

79







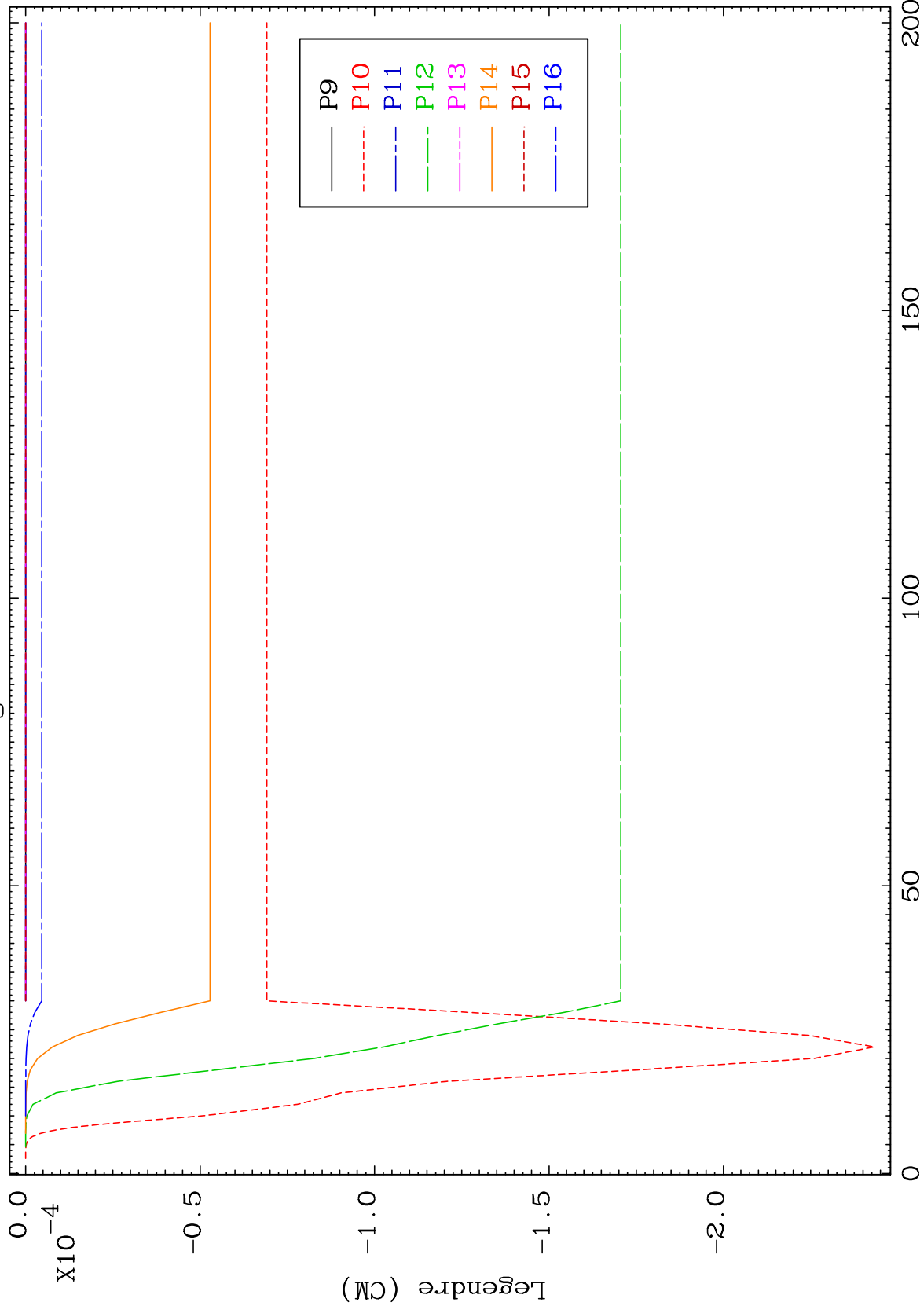




MAT 2734

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

27-Co-62



27-Co-62

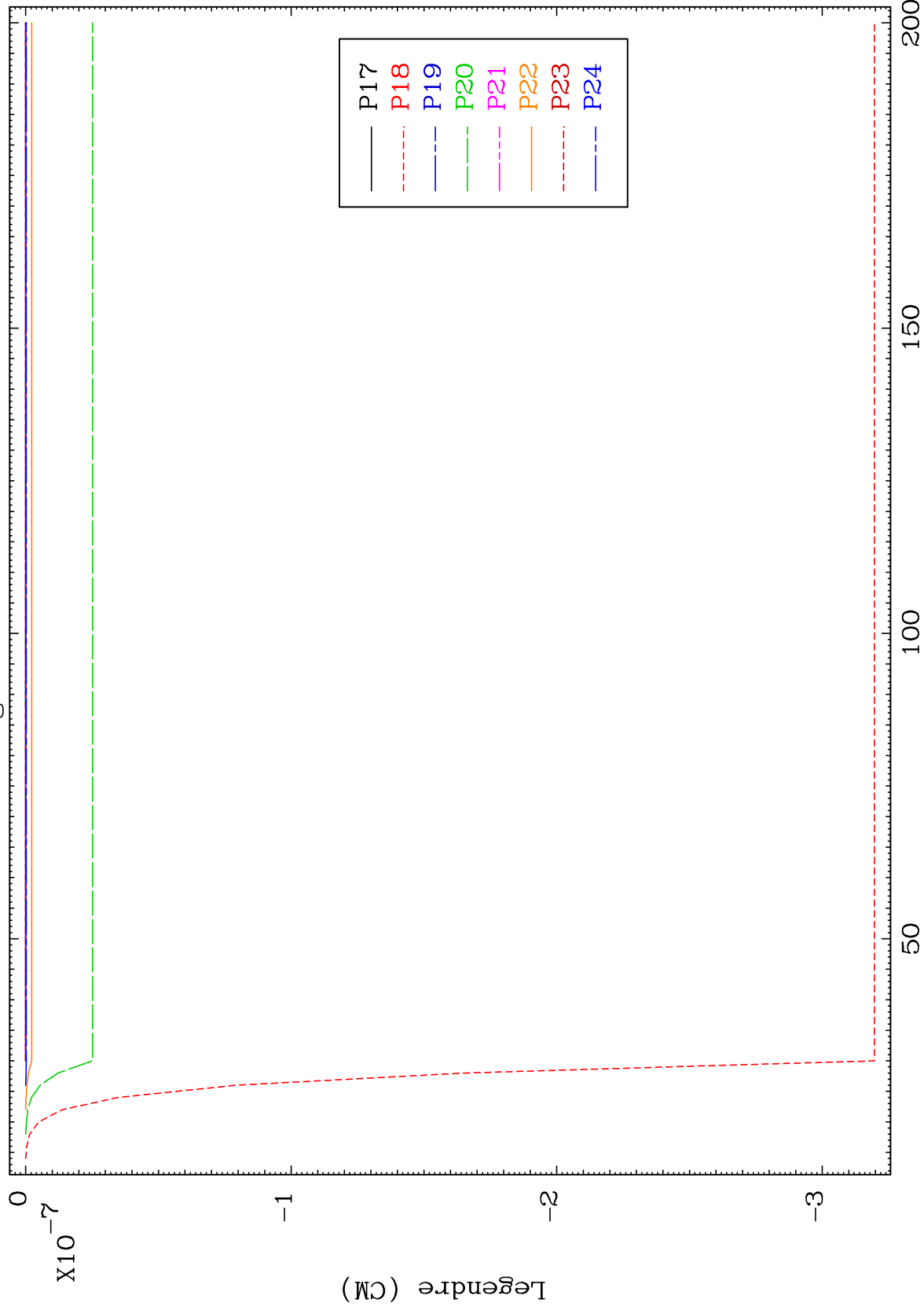
Incident Energy (MeV)

84

MAT 2734

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

27-Co-62

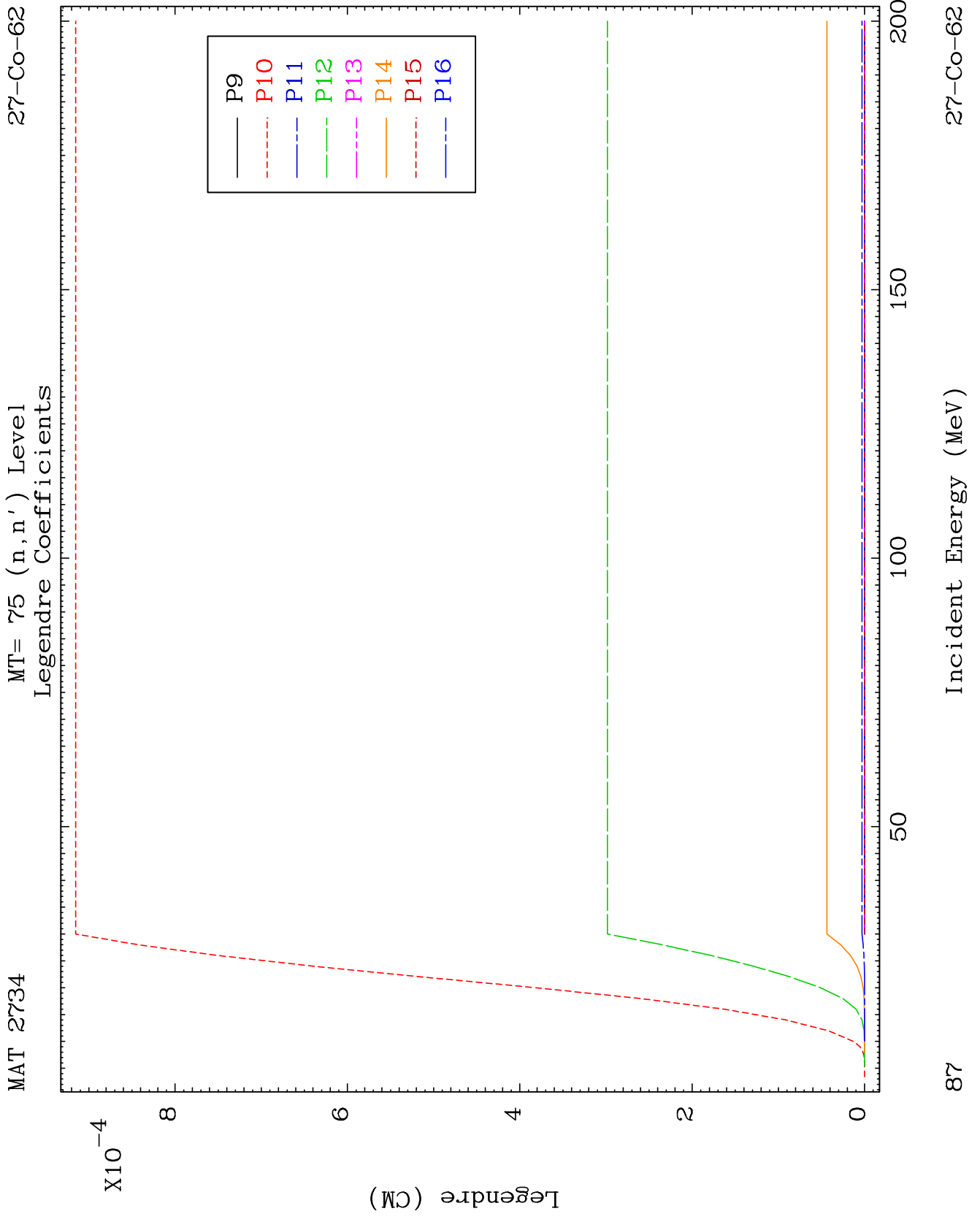


27-Co-62

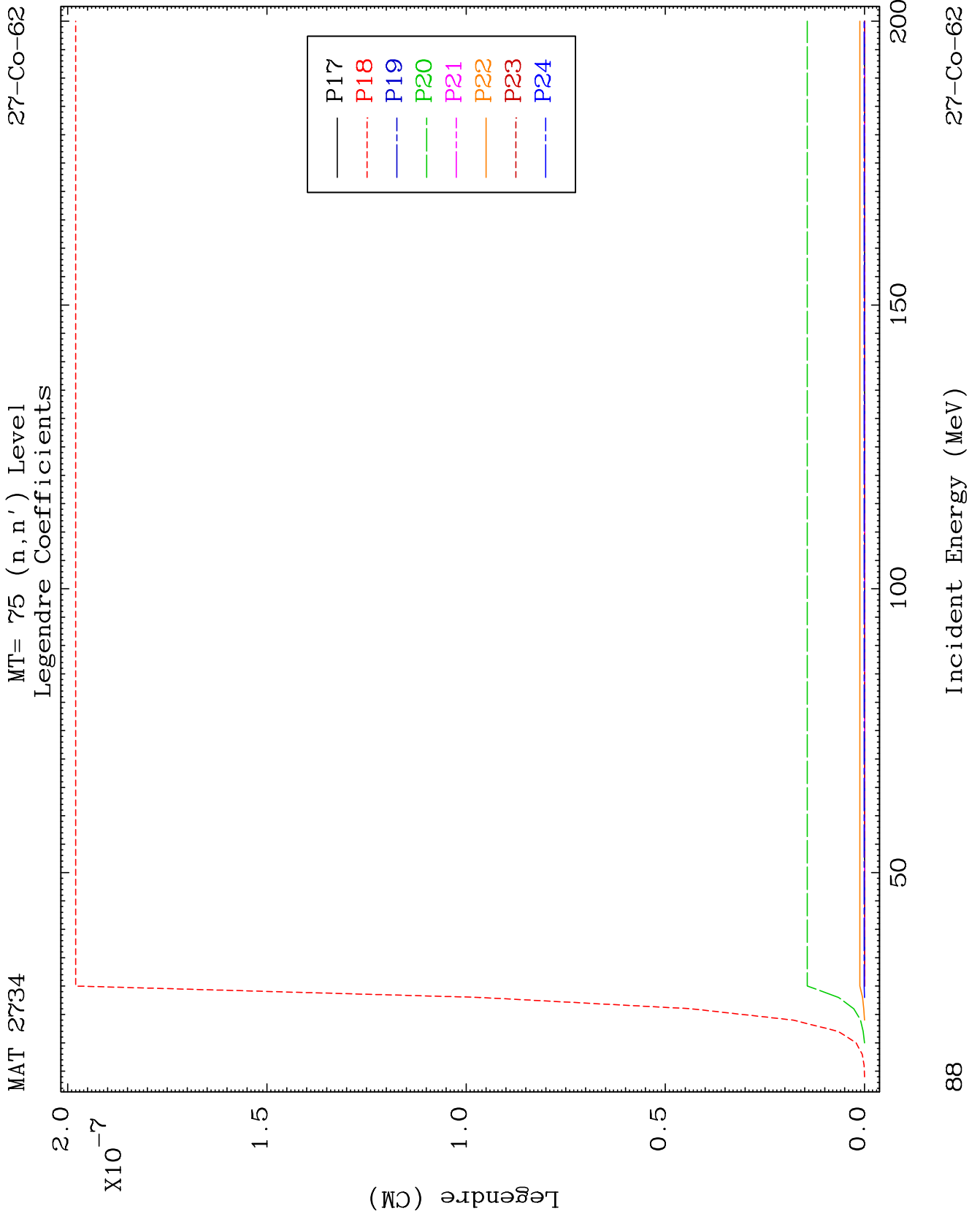
Incident Energy (MeV)

85





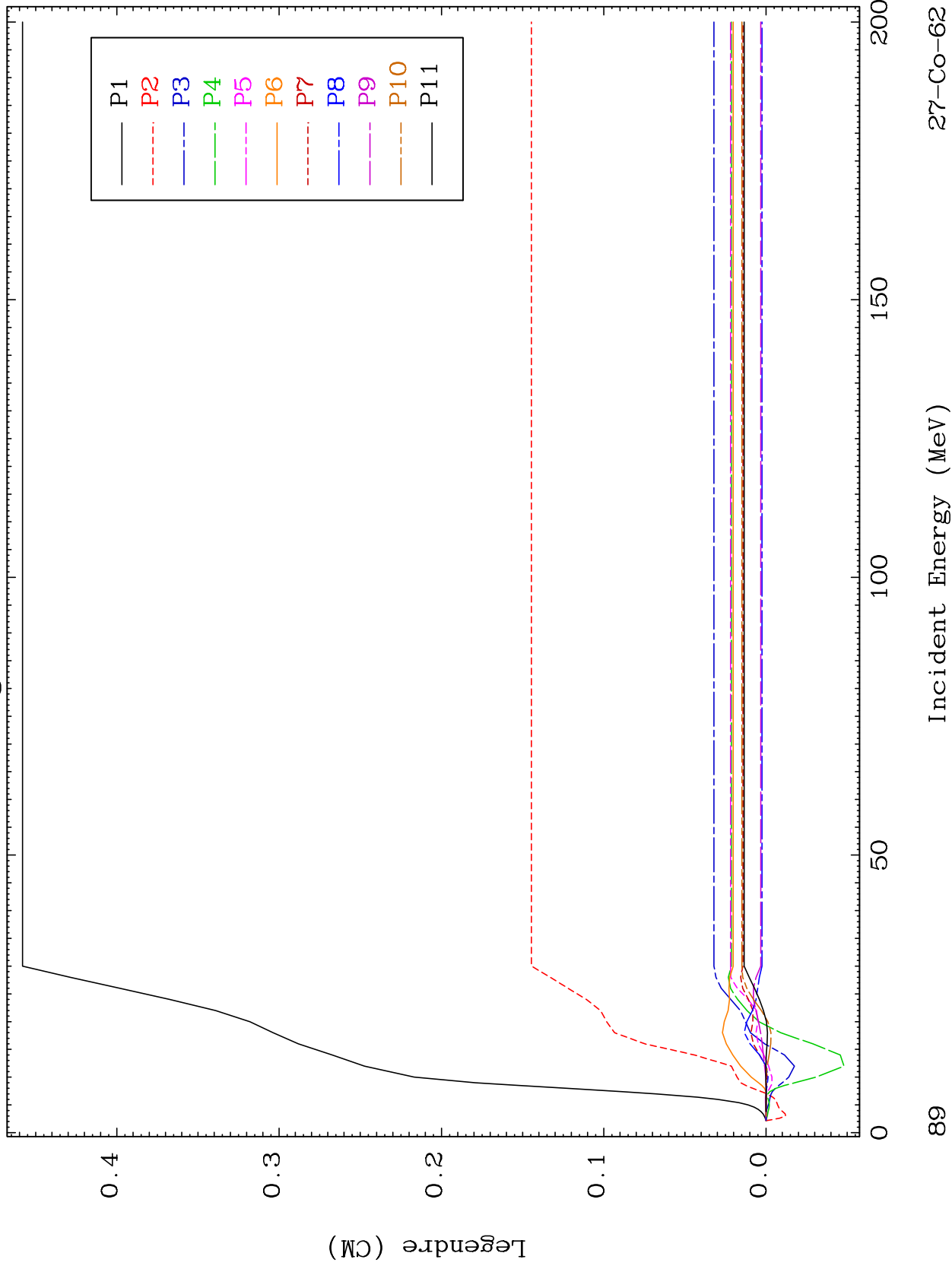




MAT 2734

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

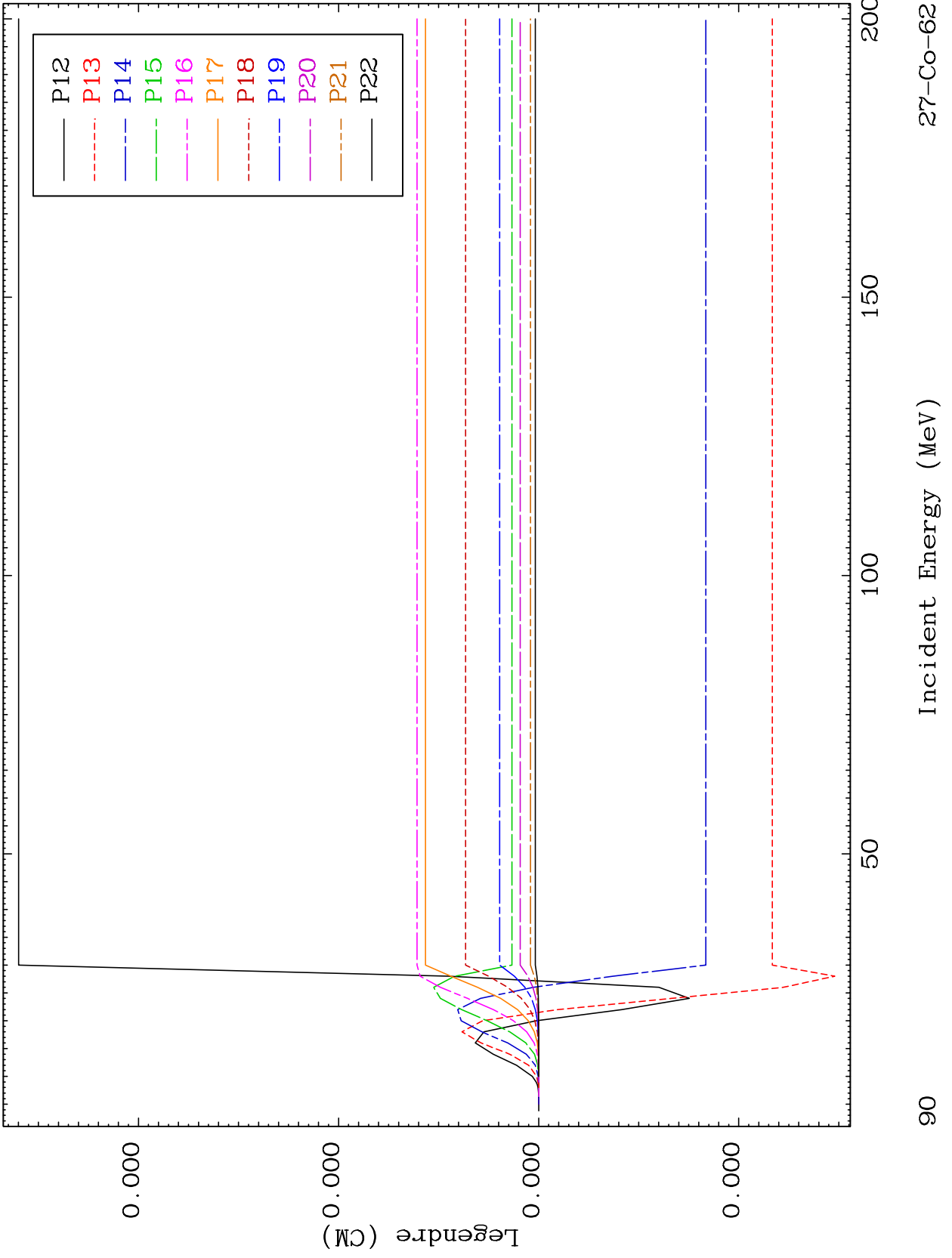
27-Co-62



MAT 2734

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

27-Co-62



90

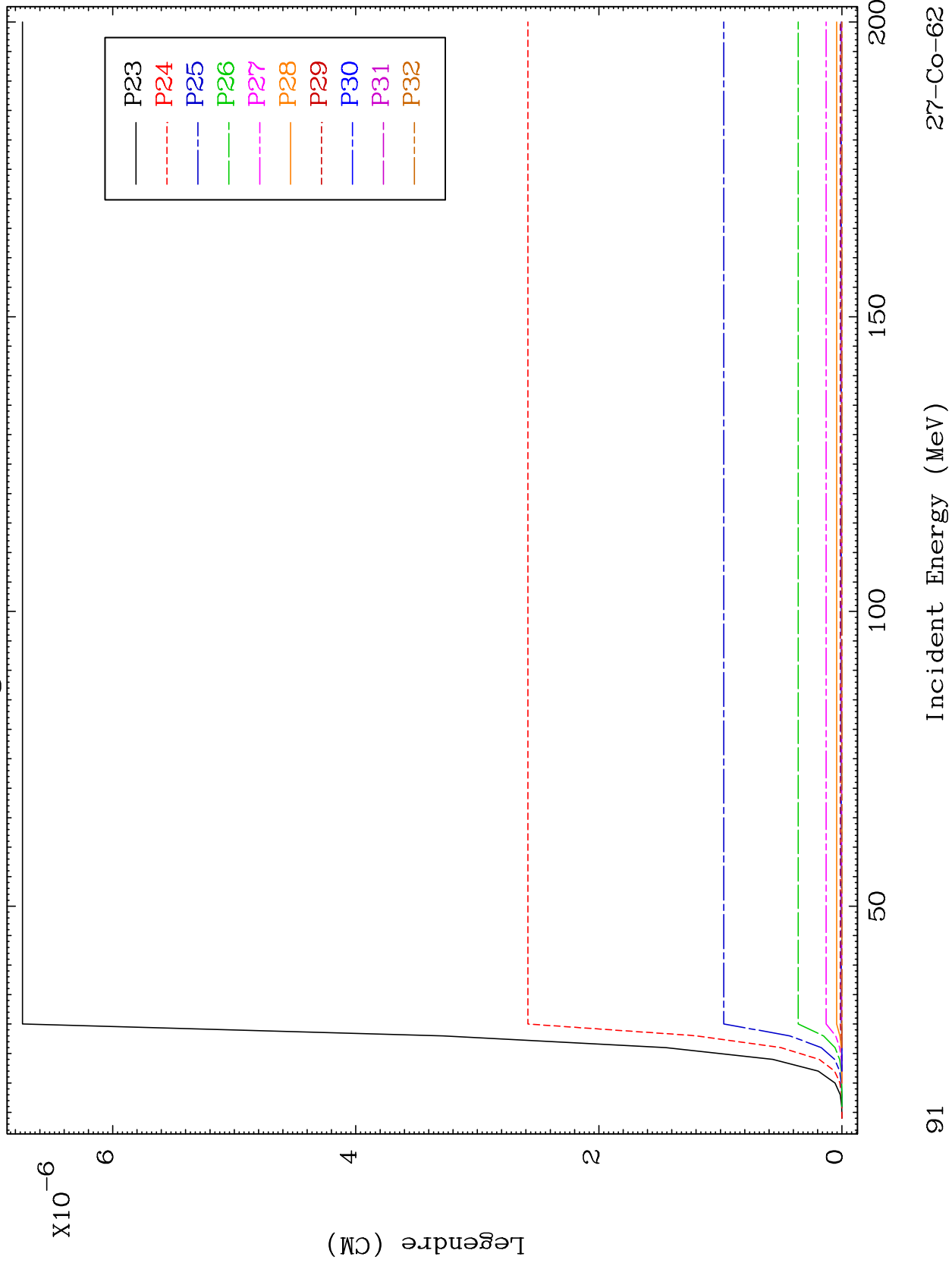
Incident Energy (MeV)

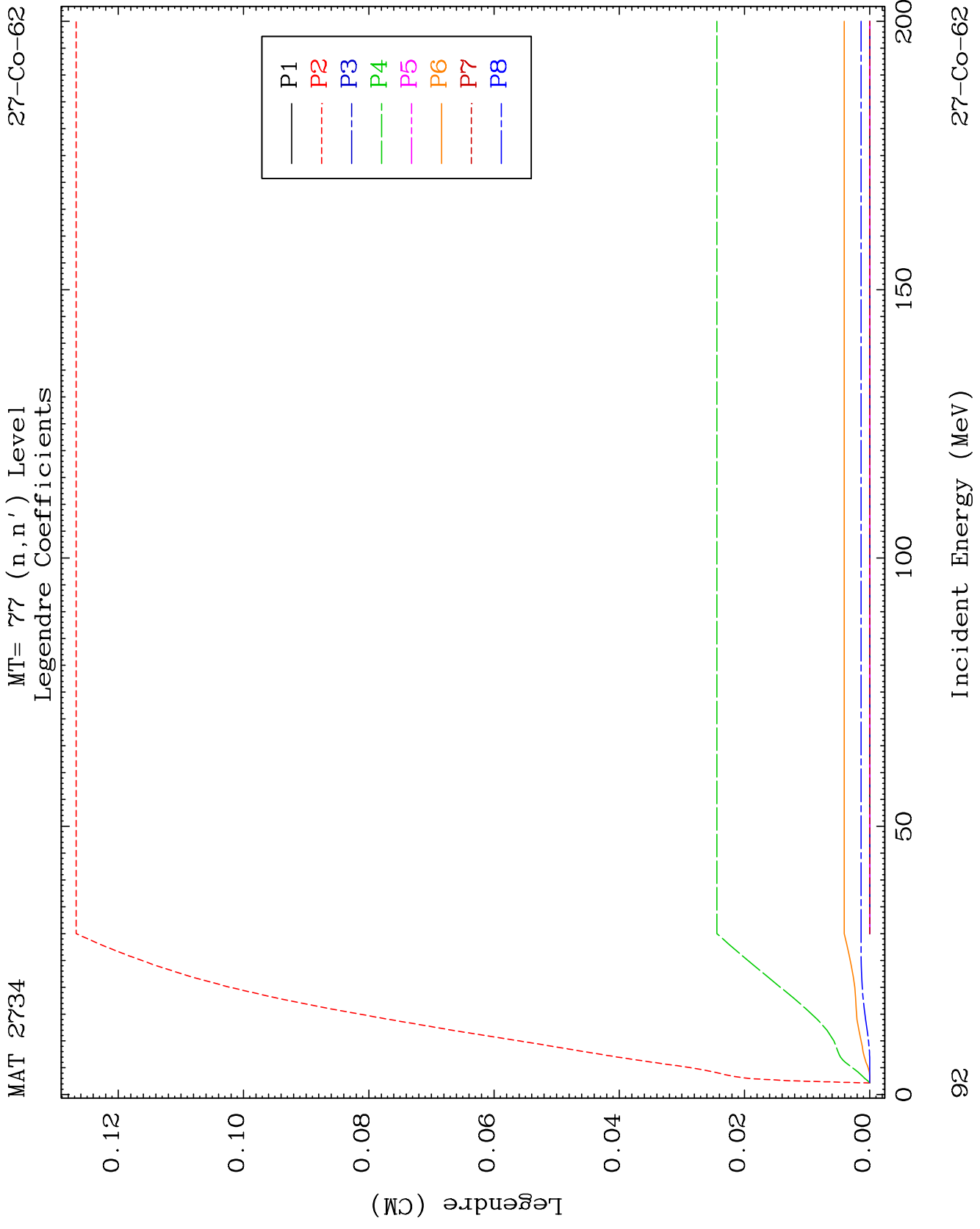
27-Co-62

MAT 2734

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

27-Co-62

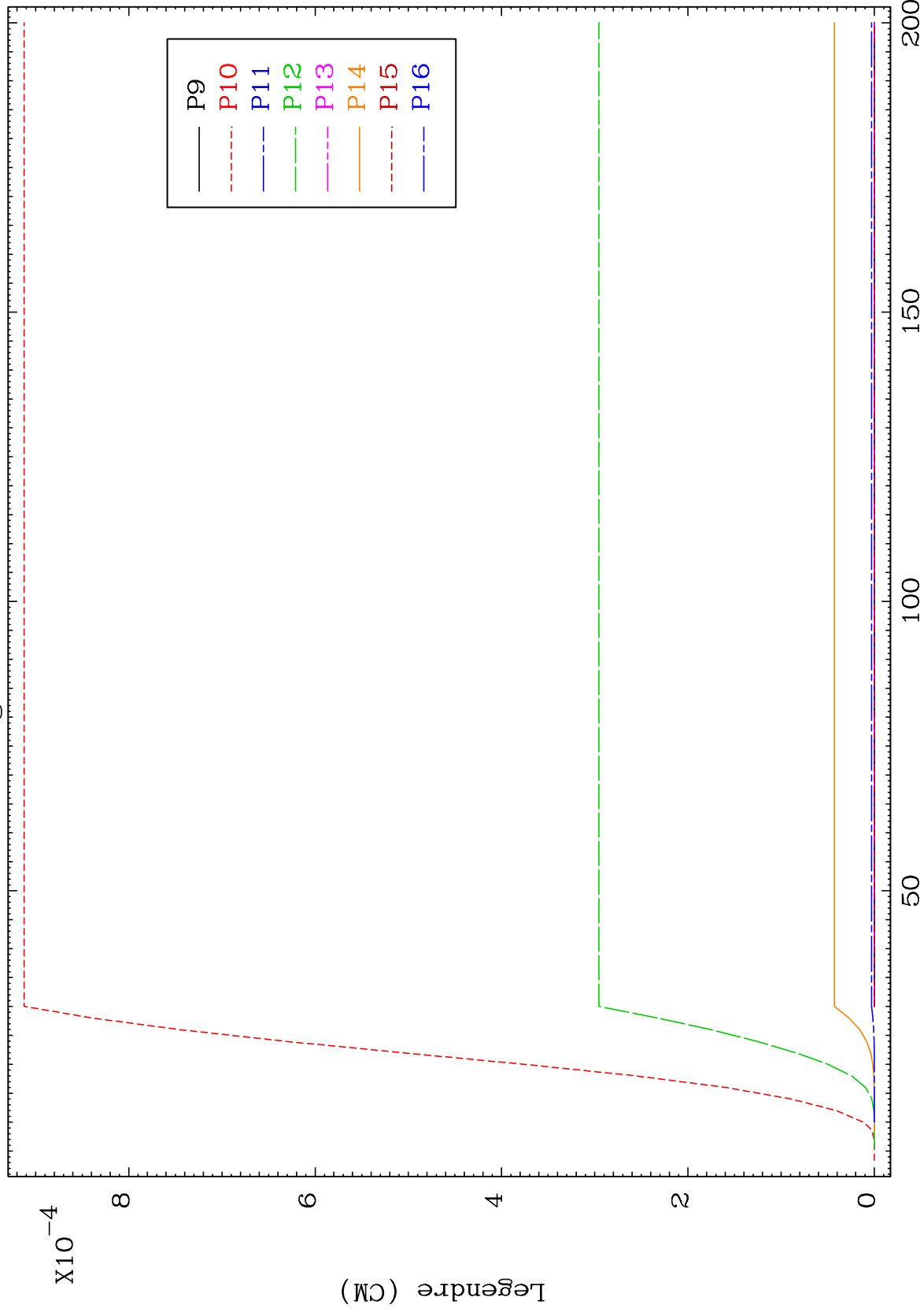




MAT 2734

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

27-Co-62

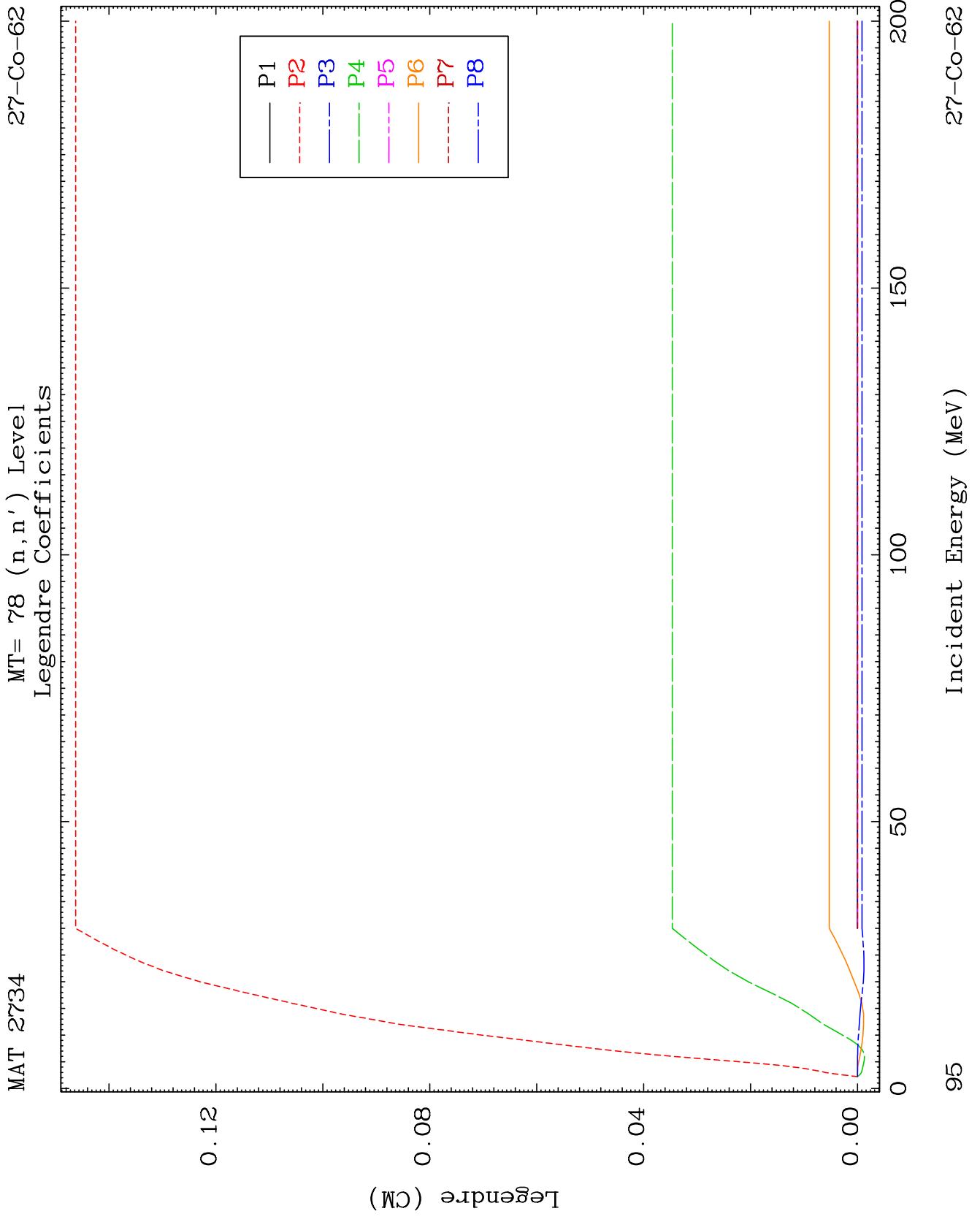


93

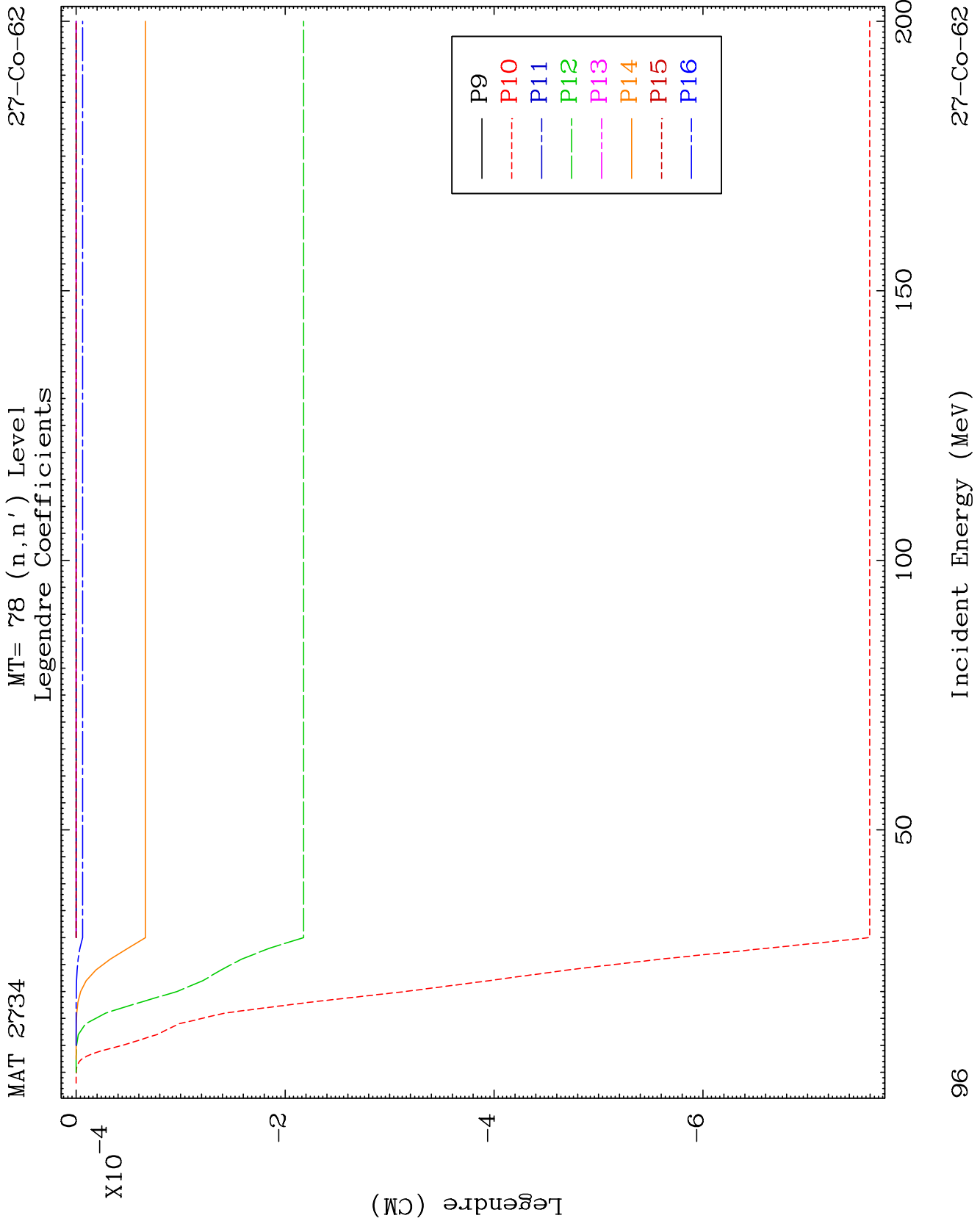
Incident Energy (MeV)

27-Co-62









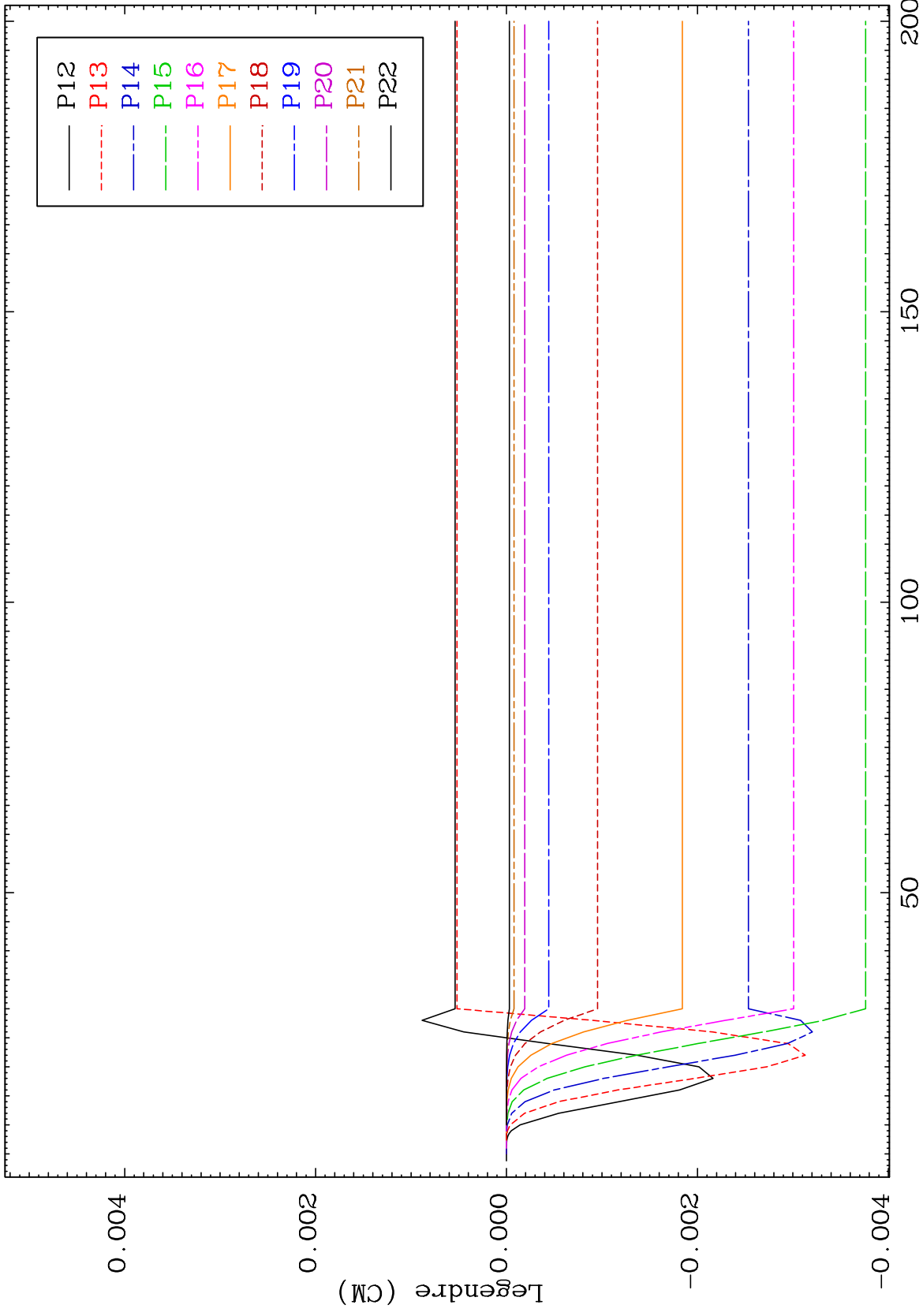




MAT 2734

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

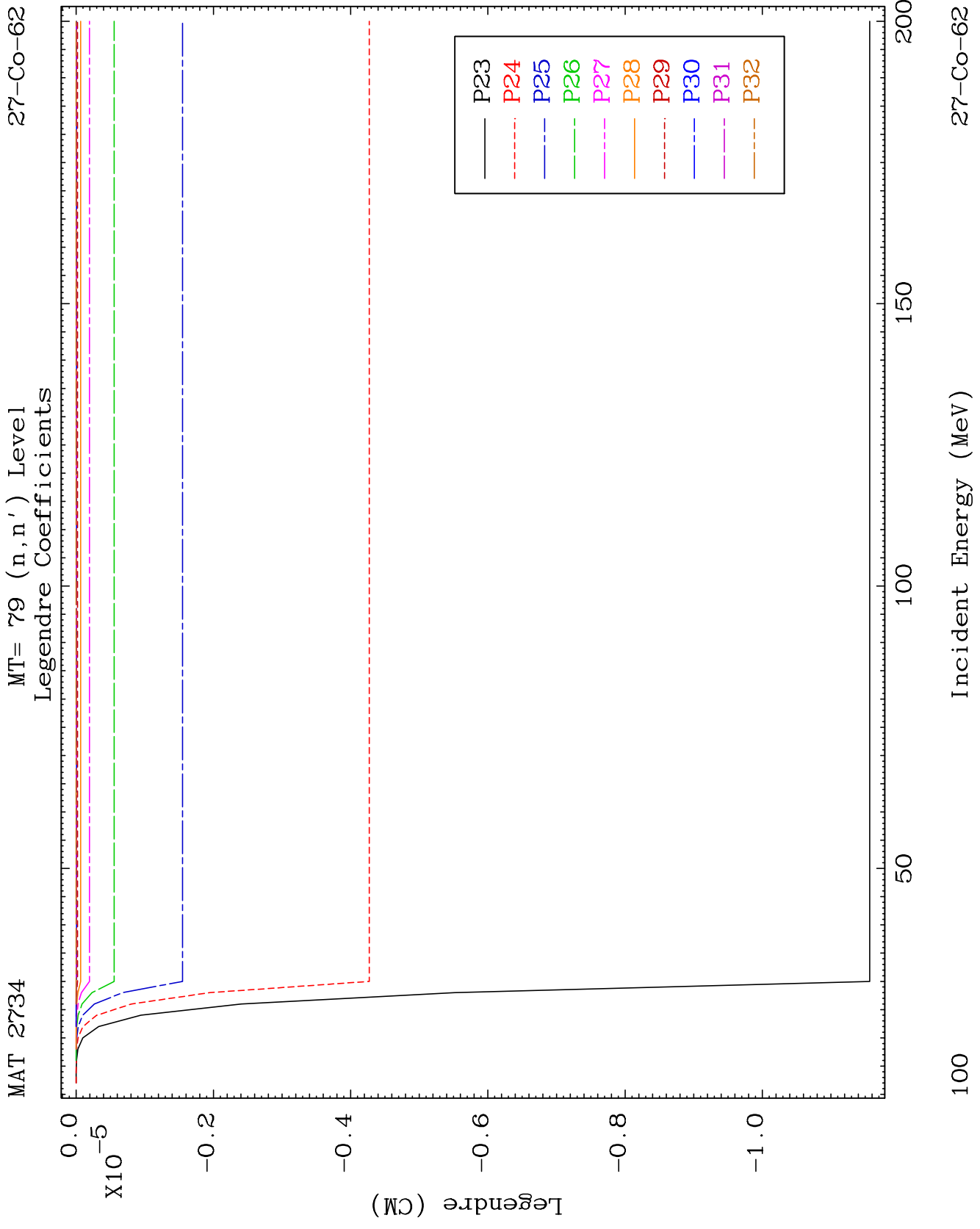
27-Co-62



99

Incident Energy (MeV)

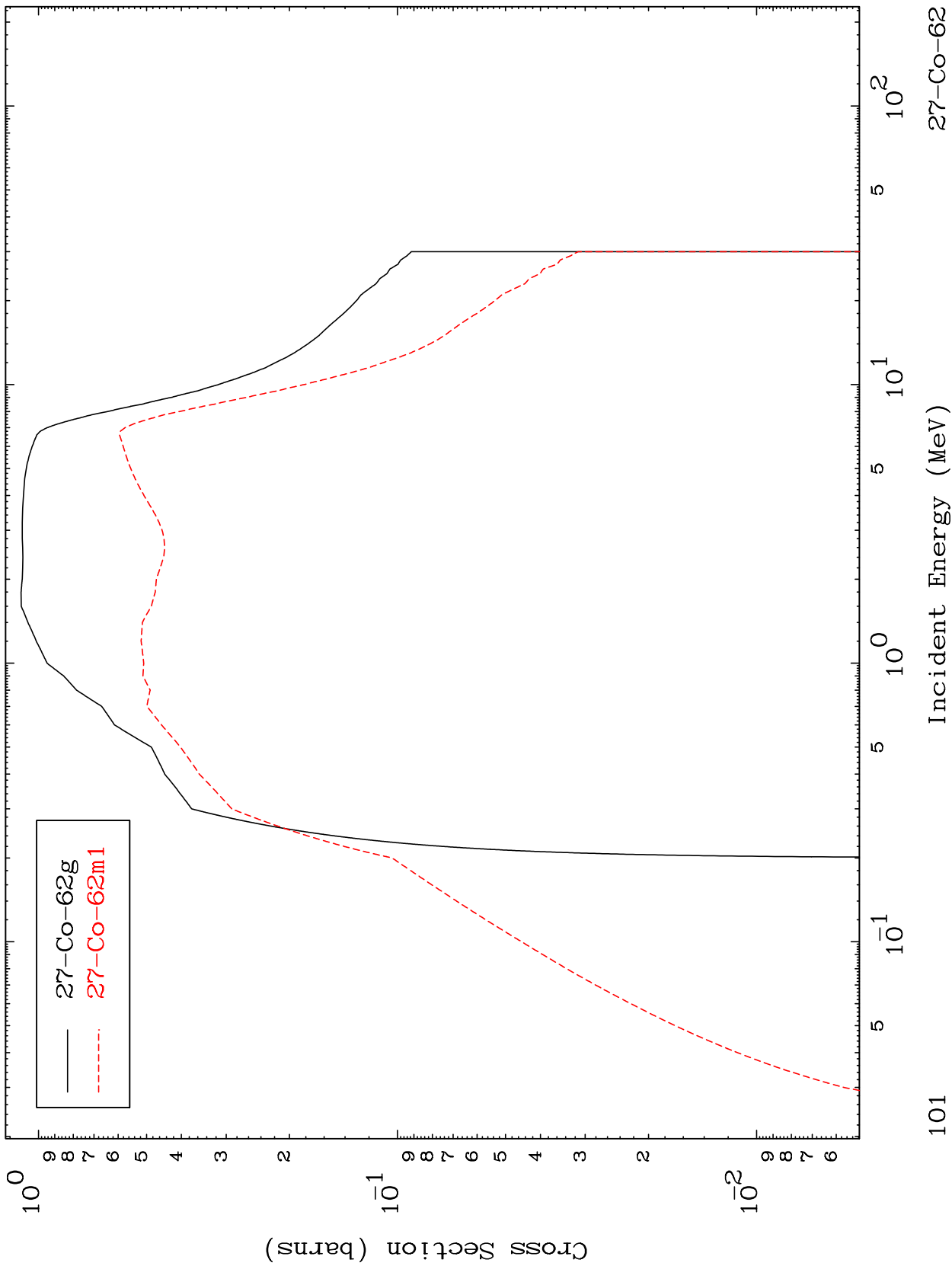
27-Co-62



MAT 2734

27-Co-62

Inelastic  
Radionuclide Production Cross Section



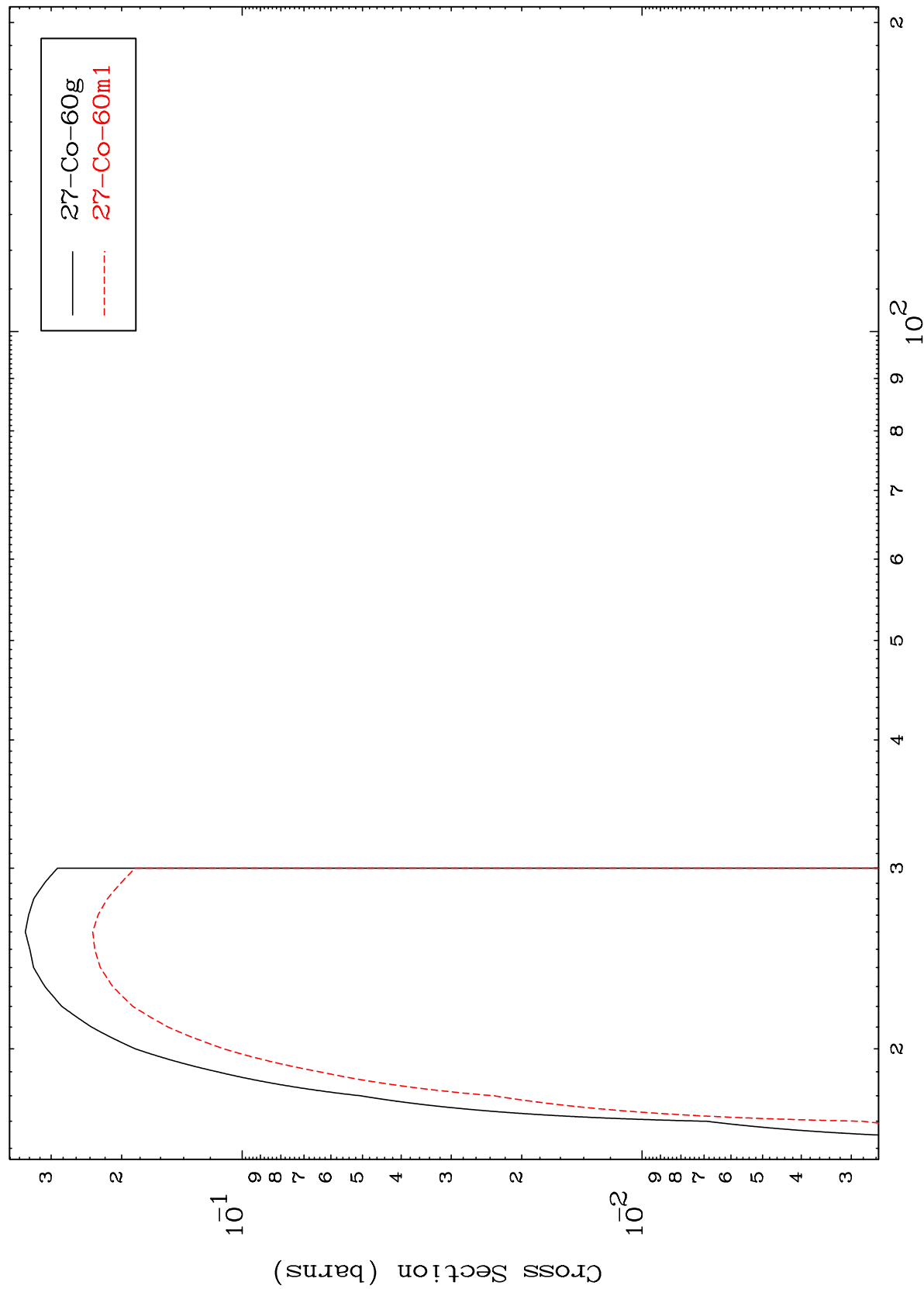
101

27-Co-62

MAT 2734

<sup>27</sup>Co-62

(n,3n)  
Radionuclide Production Cross Section



102

Incident Energy (MeV)

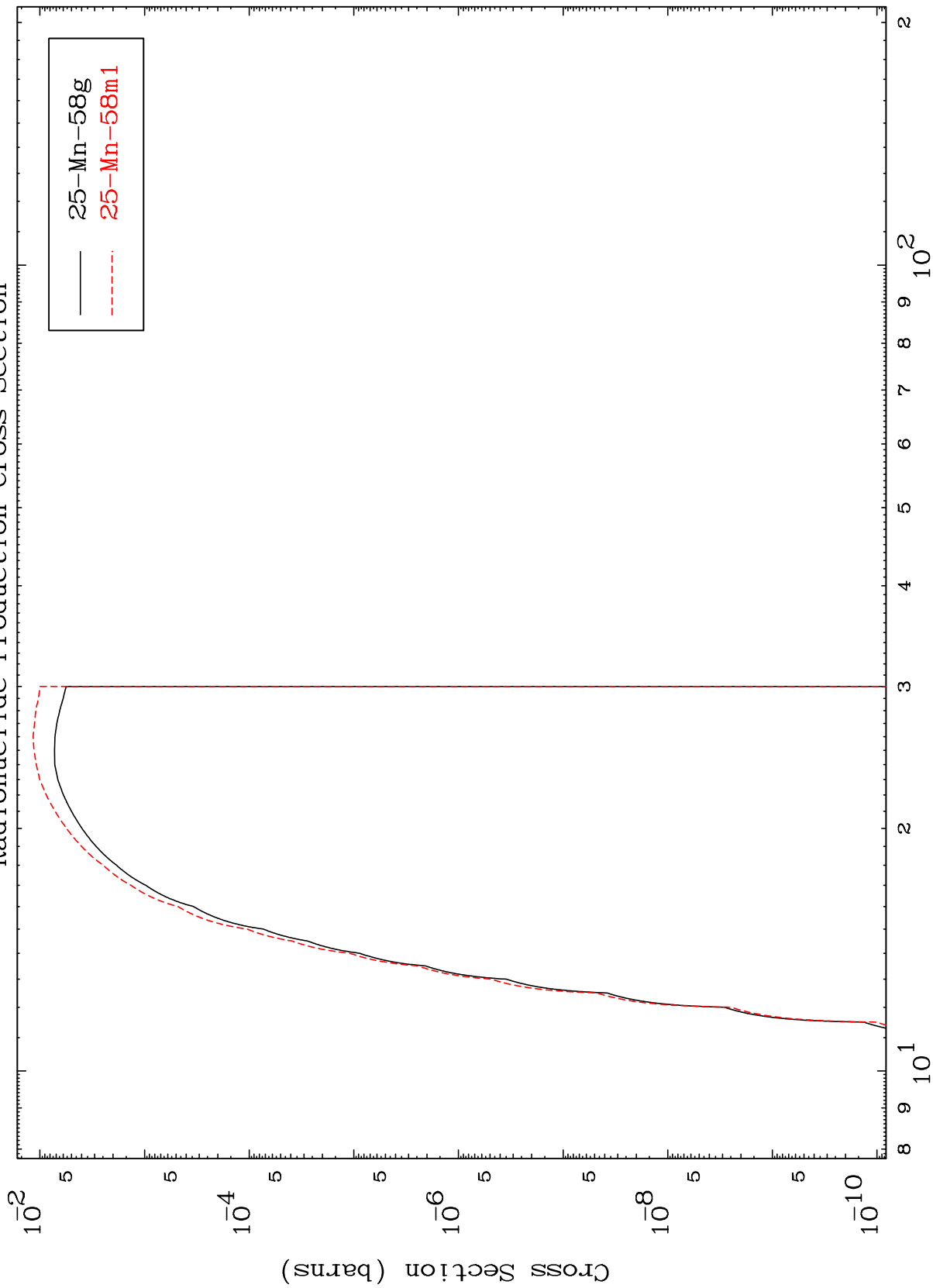
<sup>27</sup>Co-62

MAT 2734

$(n, n') \alpha$

27-Co-62

Radionuclide Production Cross Section



103

Incident Energy (MeV)

27-Co-62

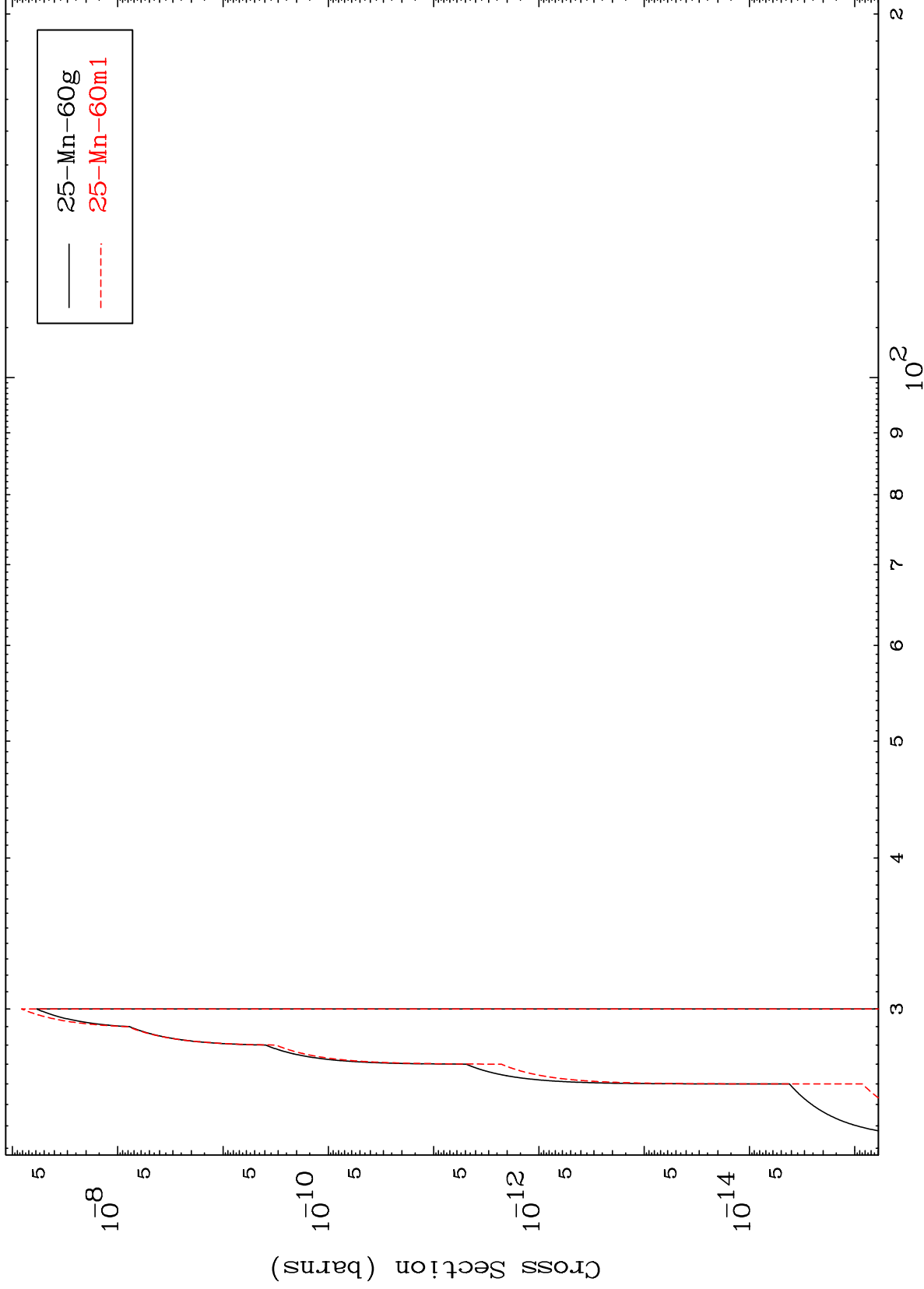


MAT 2734

(n,2n) p

27-Co-62

Radionuclide Production Cross Section



104

Incident Energy (MeV)

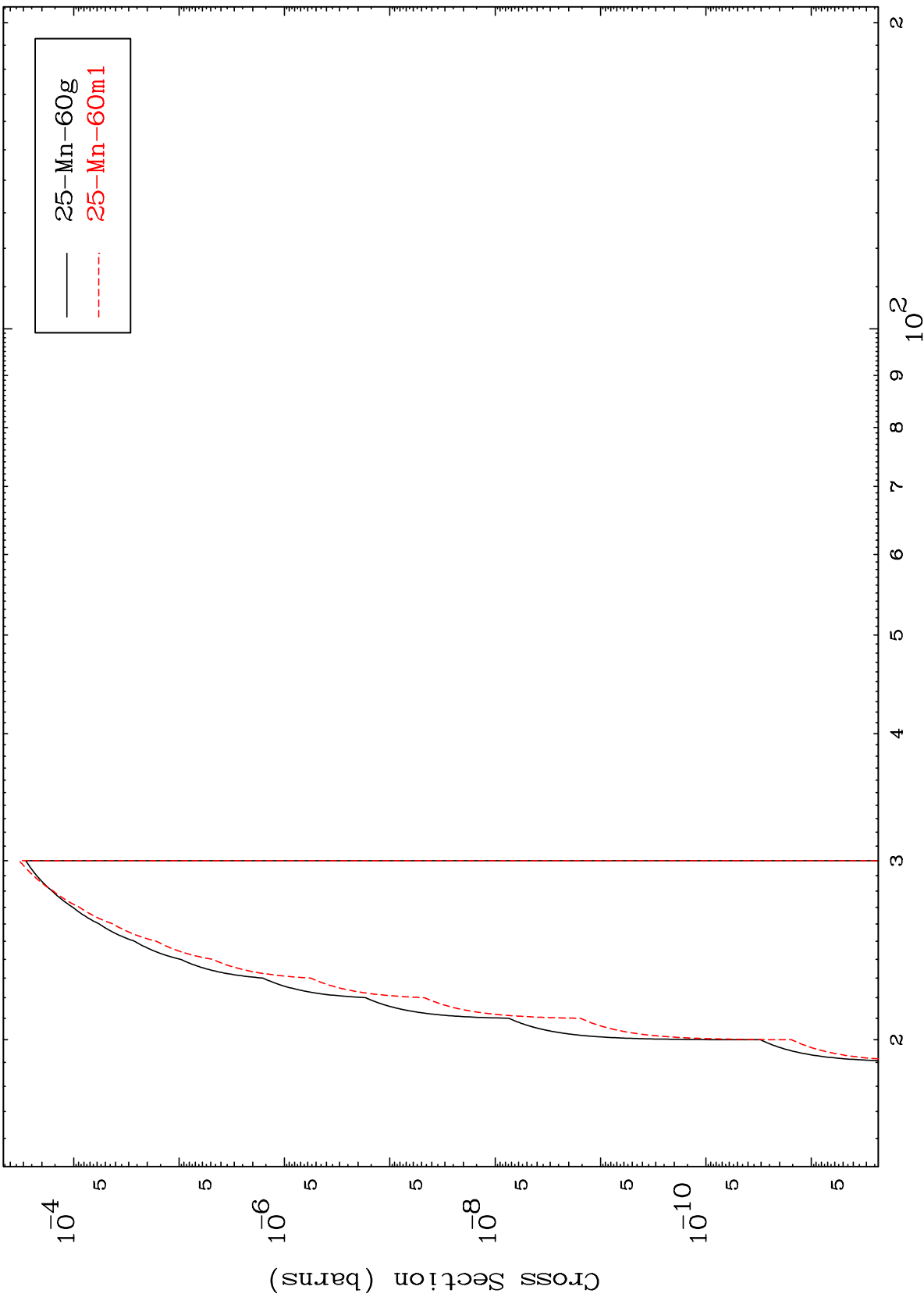
27-Co-62

MAT 2734

(n,He-3)

27-Co-62

Radionuclide Production Cross Section



105

Incident Energy (MeV)

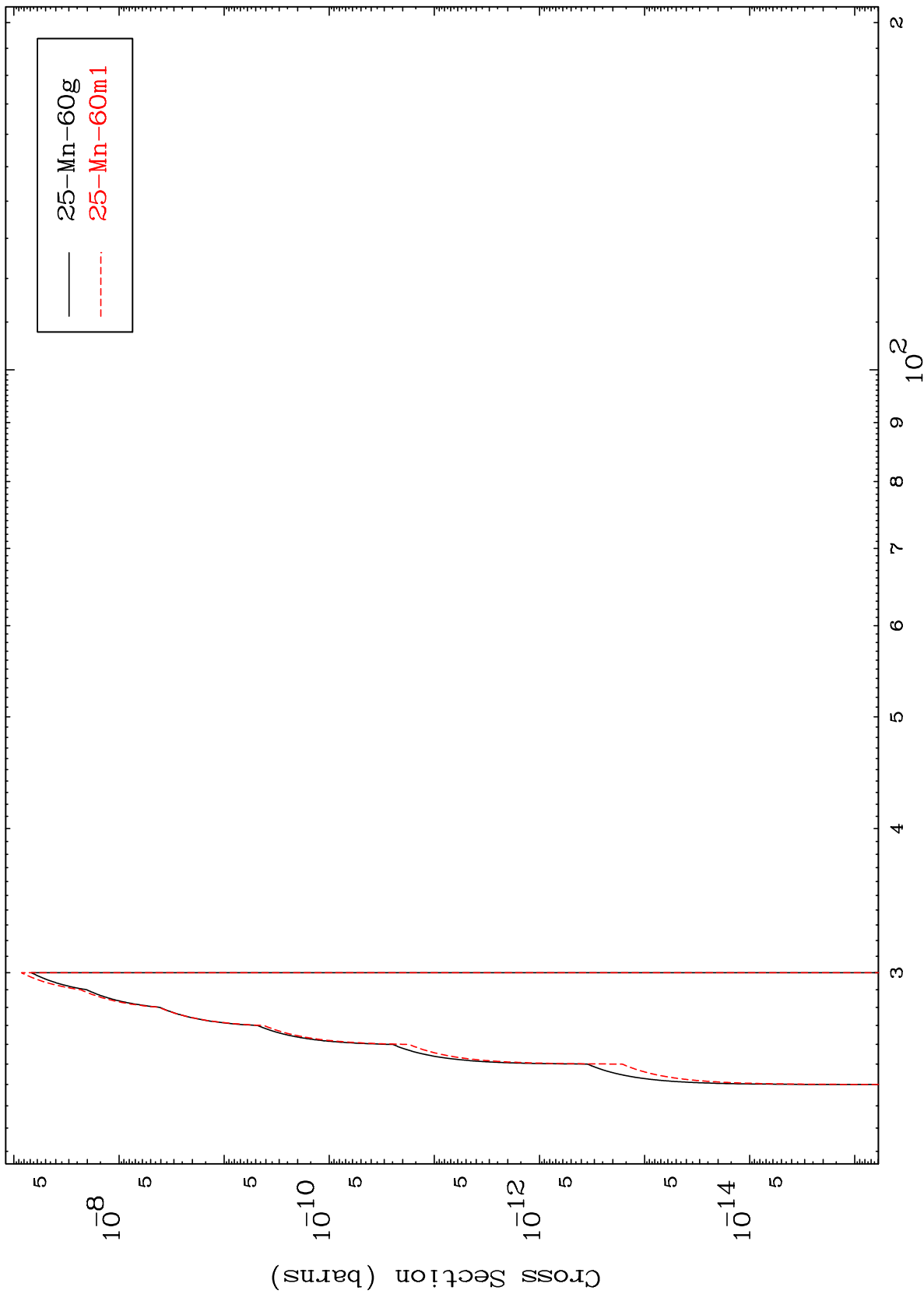
27-Co-62

MAT 2734

(n,p) d

27-Co-62

Radionuclide Production Cross Section



106

Incident Energy (MeV)

27-Co-62