

Program EVALPLOT
(Version 2018-1)

by

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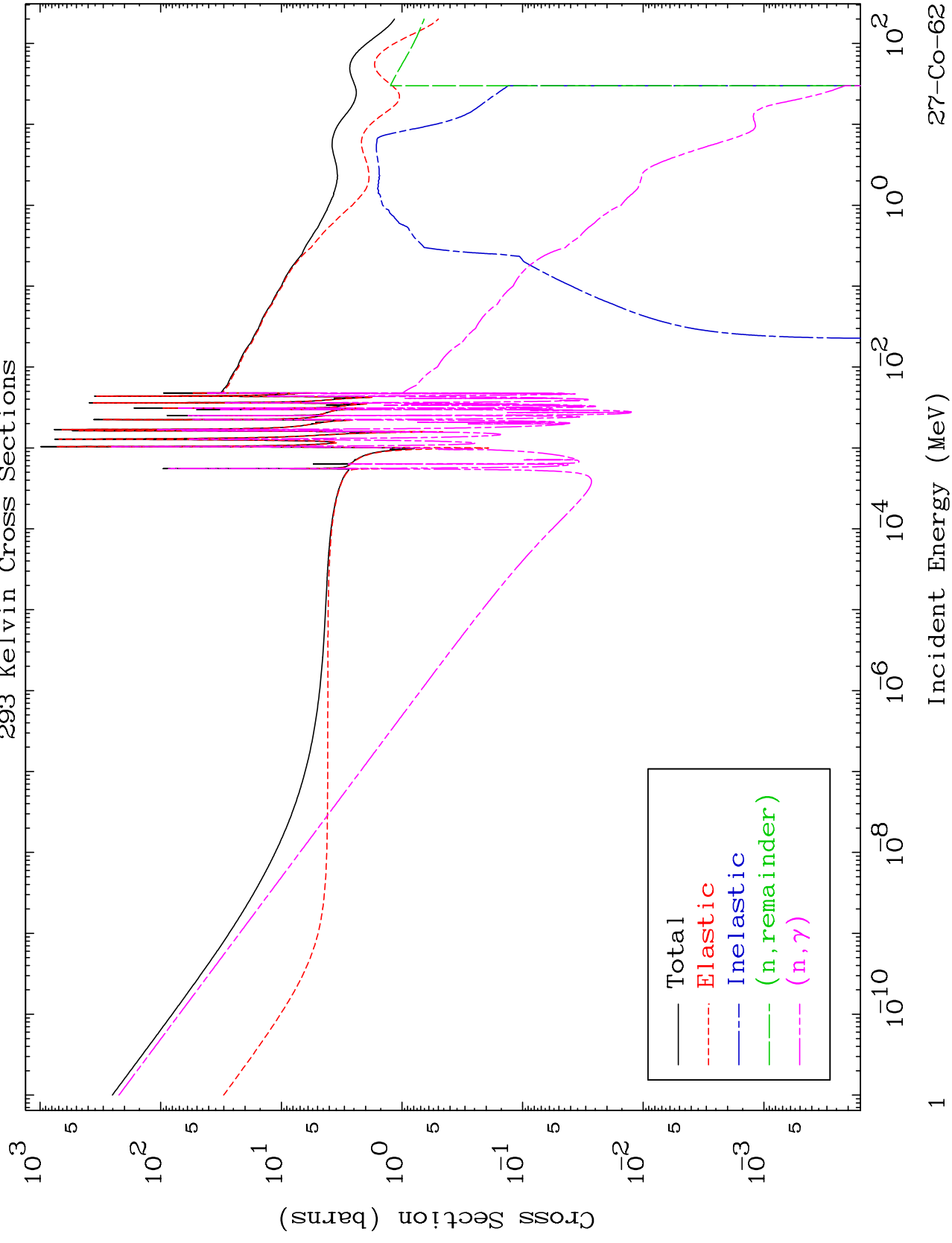
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2734

Major
293 Kelvin Cross Sections

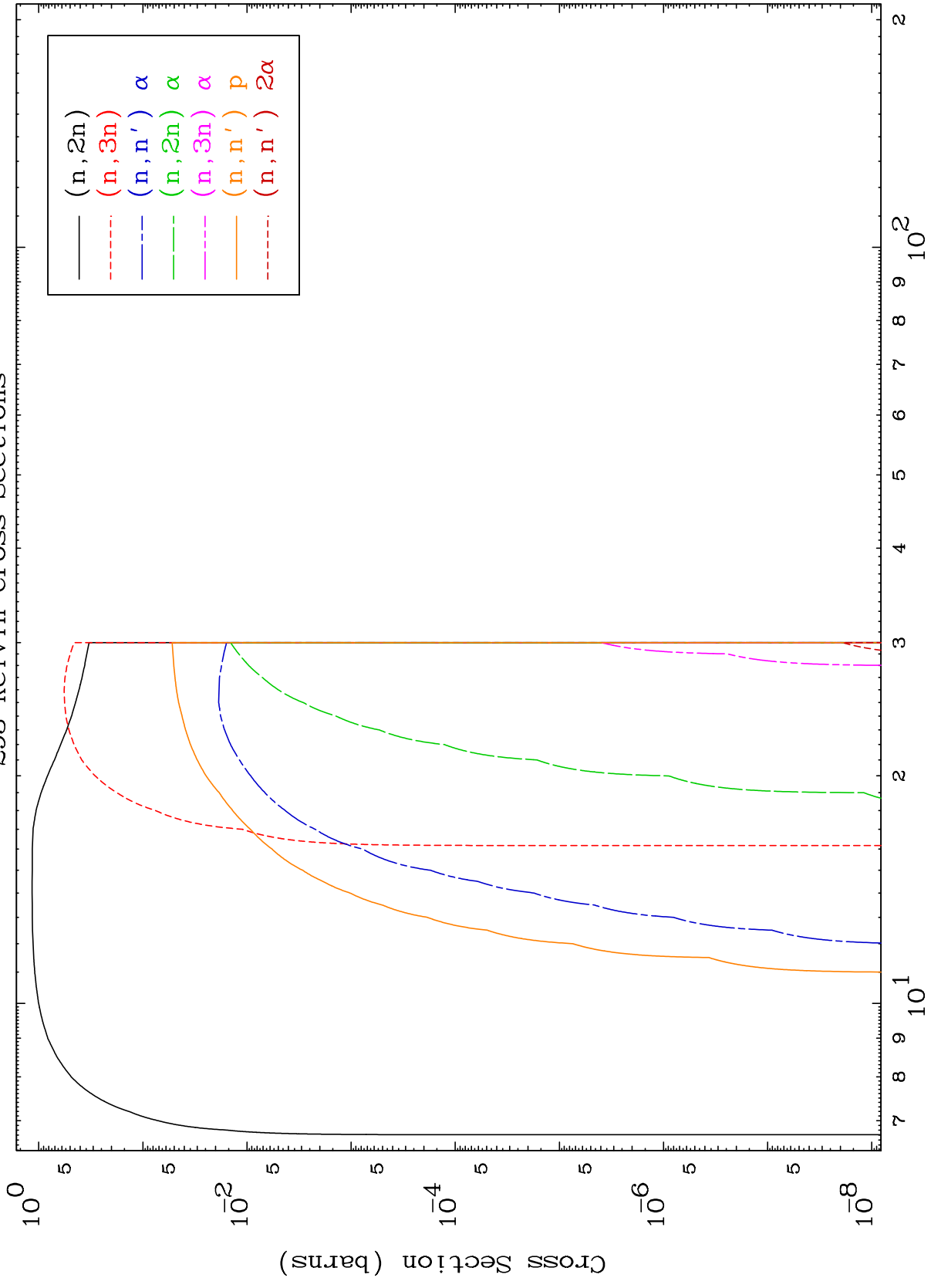
27-Co-62



MAT 2734

Neutron Production
293 Kelvin Cross Sections

27-Co-62



2

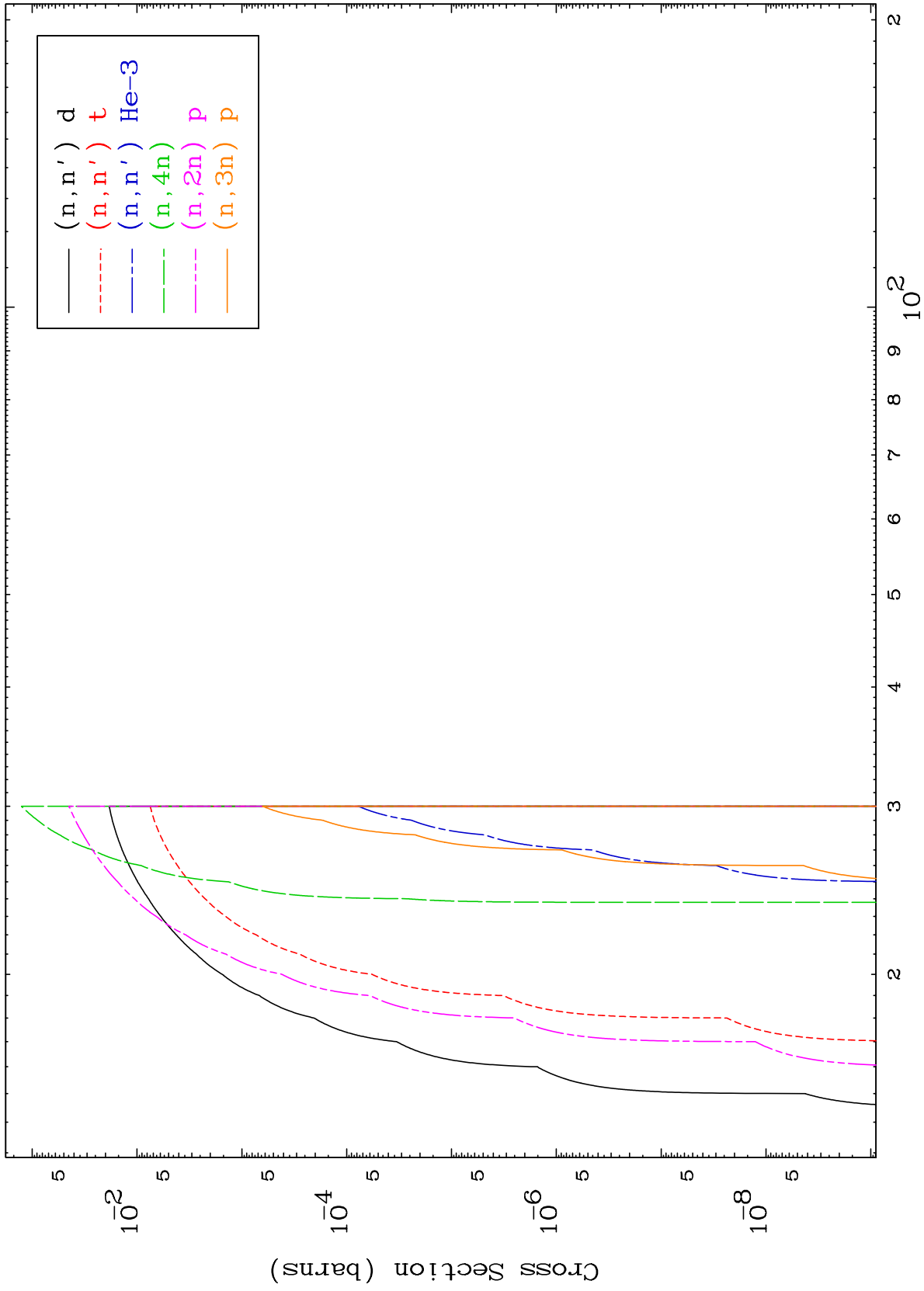
Incident Energy (MeV)

27-Co-62

MAT 2734

Neutron Production
293 Kelvin Cross Sections

27-Co-62



3

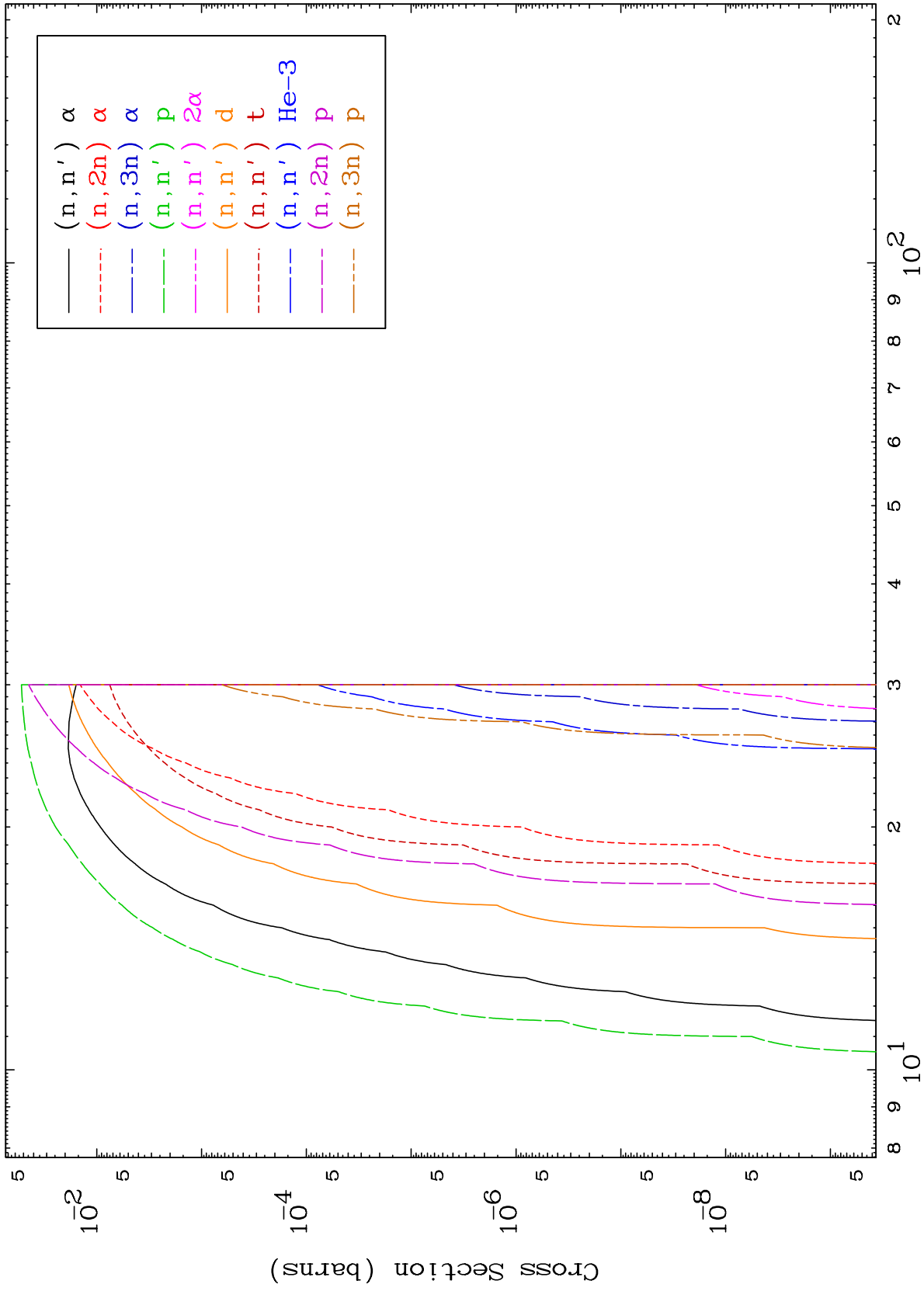
Incident Energy (MeV)

27-Co-62

MAT 2734

Charged Particle
293 Kelvin Cross Sections

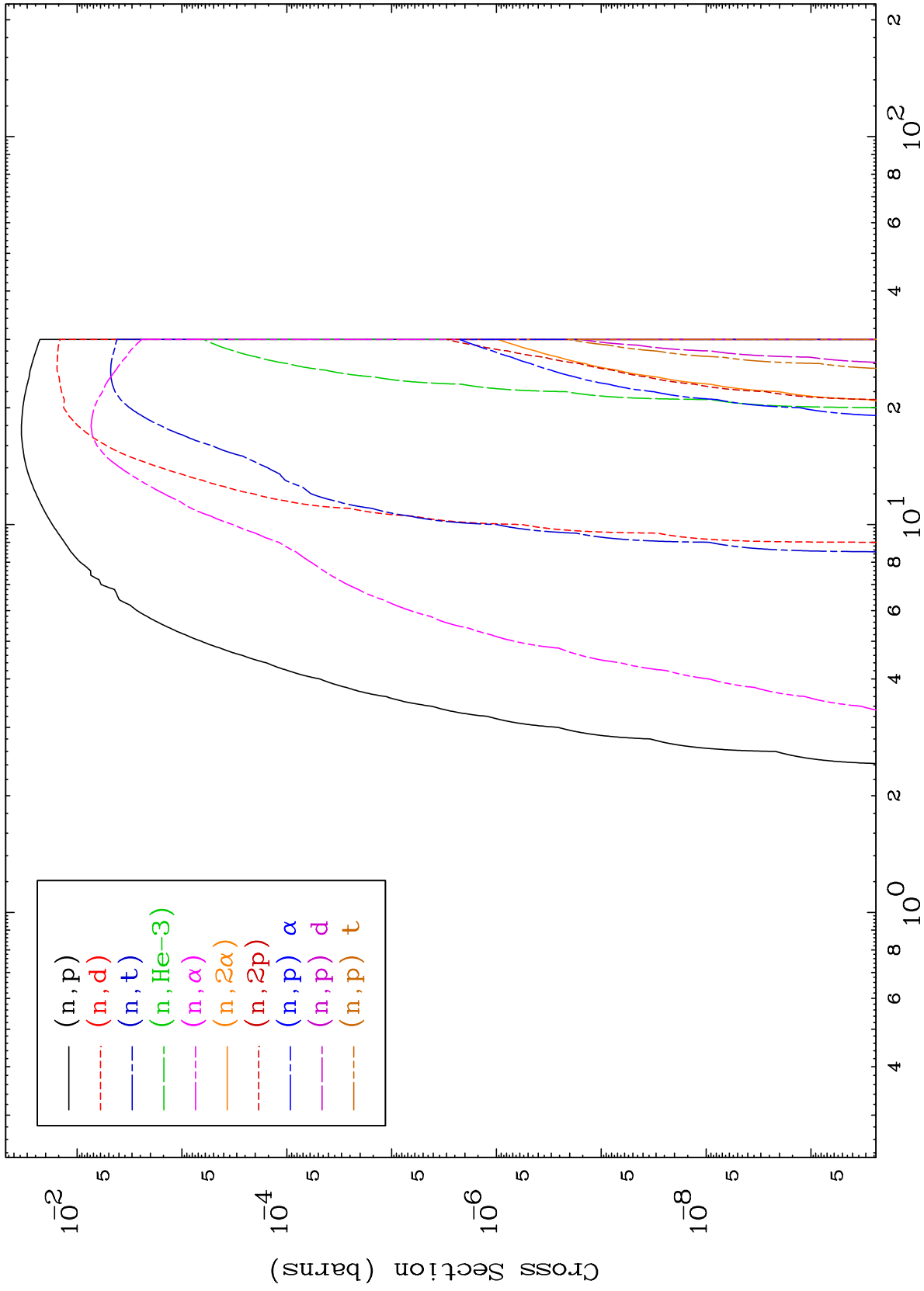
27-Co-62



4

Incident Energy (MeV)

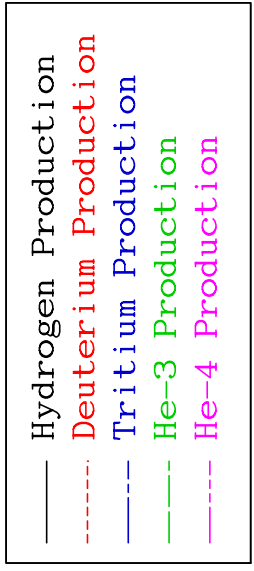
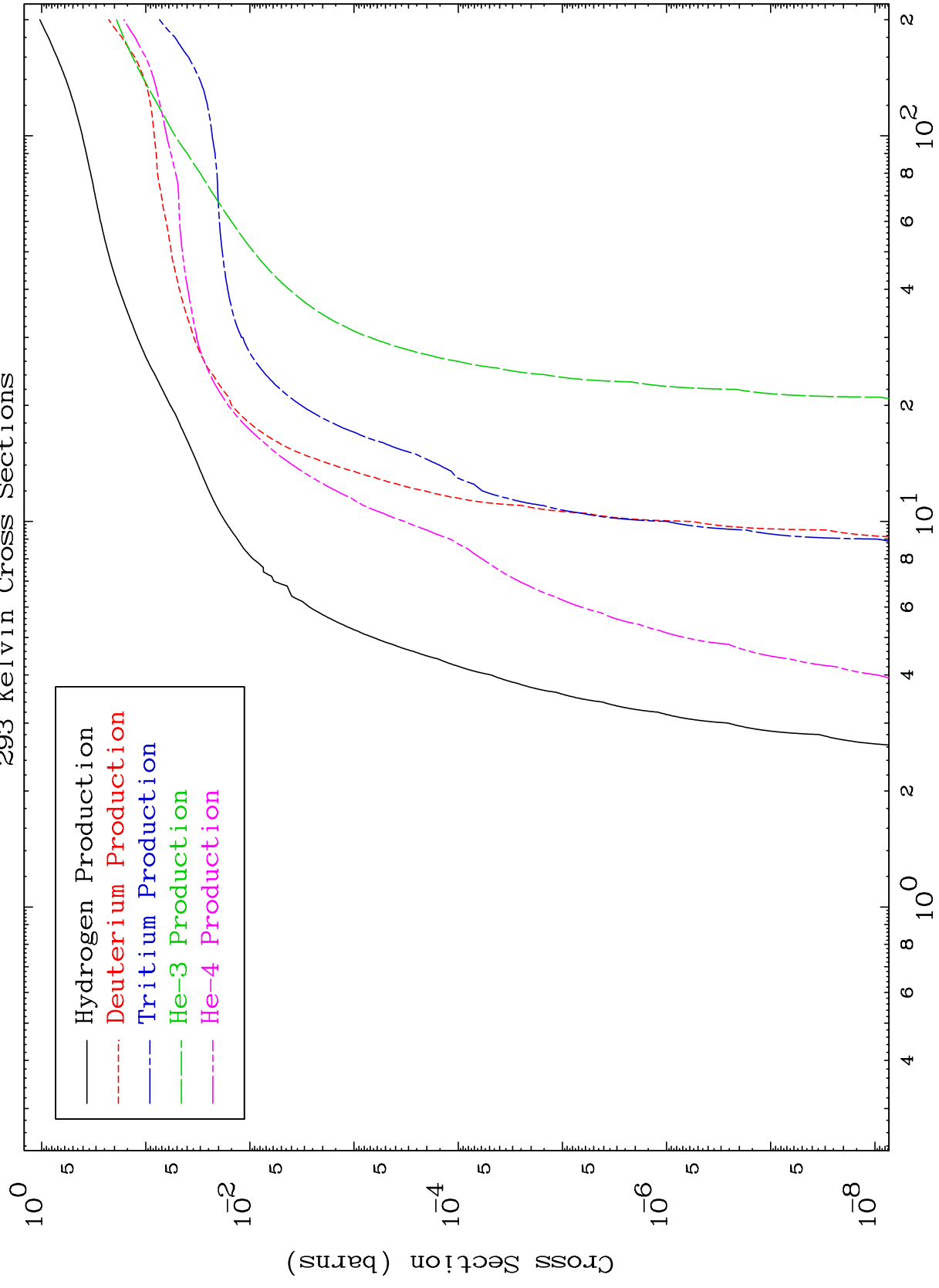
27-Co-62



MAT 2734

Particle Production
293 Kelvin Cross Sections

27-Co-62



6

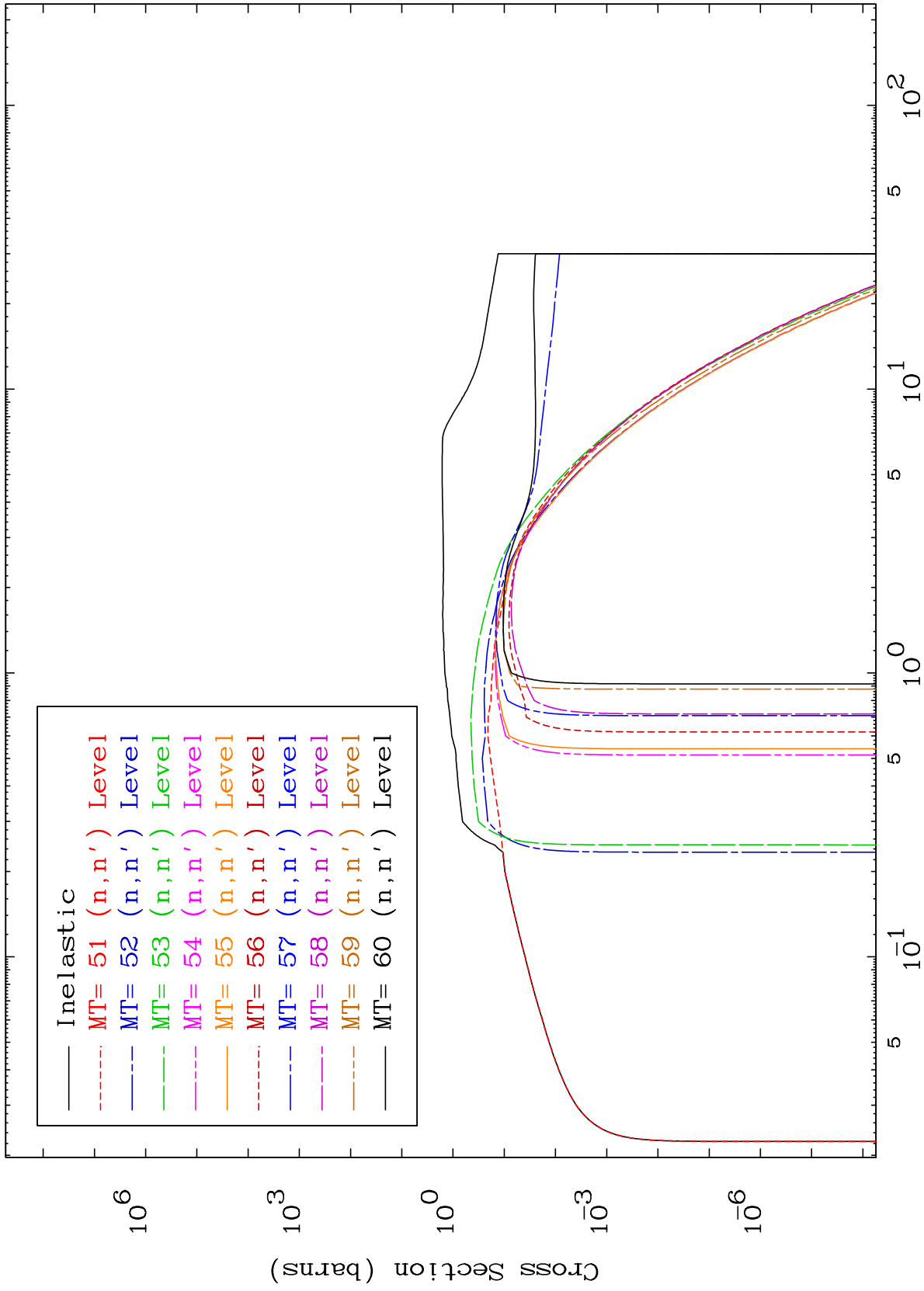
Incident Energy (MeV)

27-Co-62

MAT 2734

293 Kelvin Cross Sections

27-Co-62



7

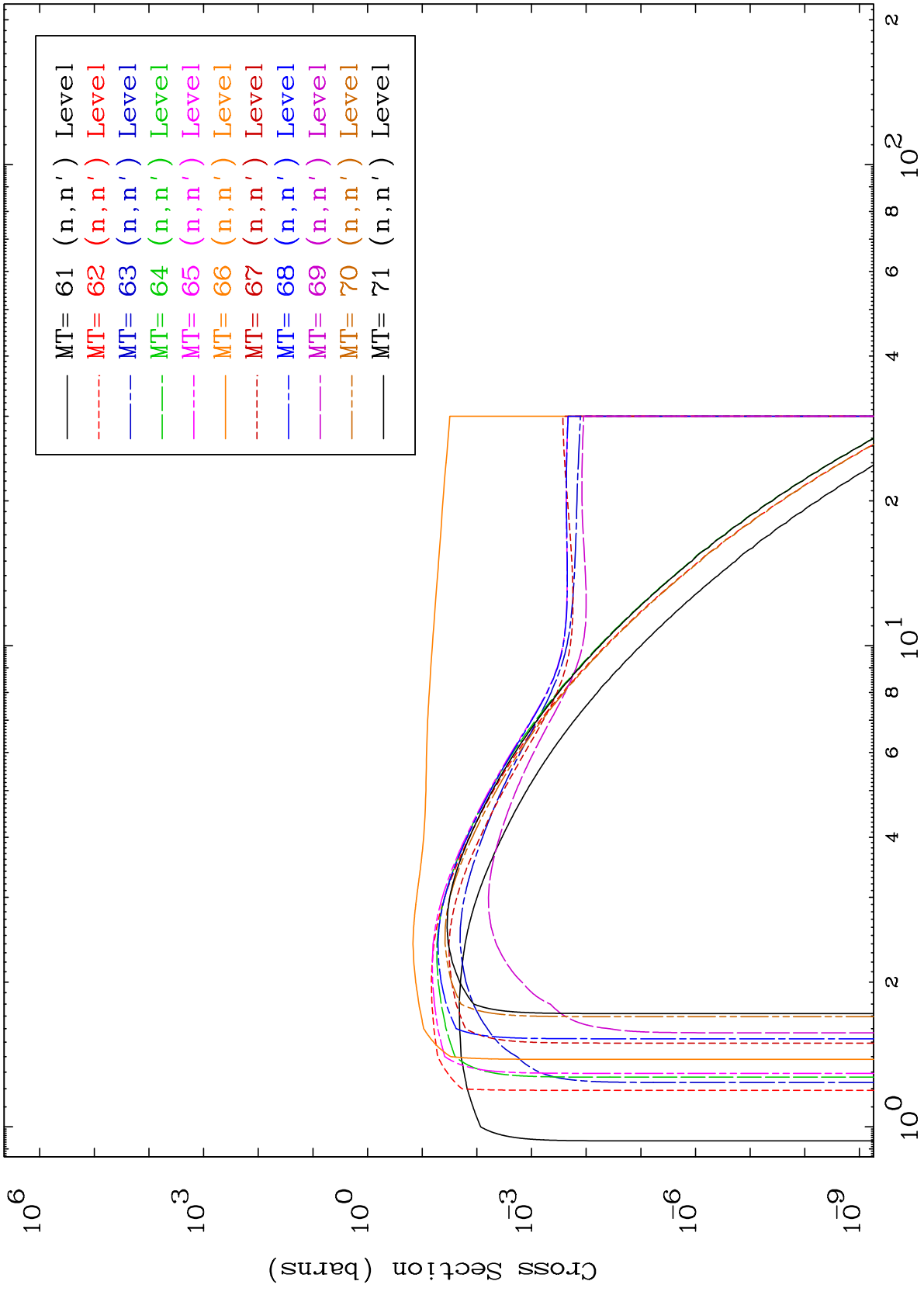
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MAT 2734

(n,n') Level

27-Co-62

293 Kelvin Cross Sections



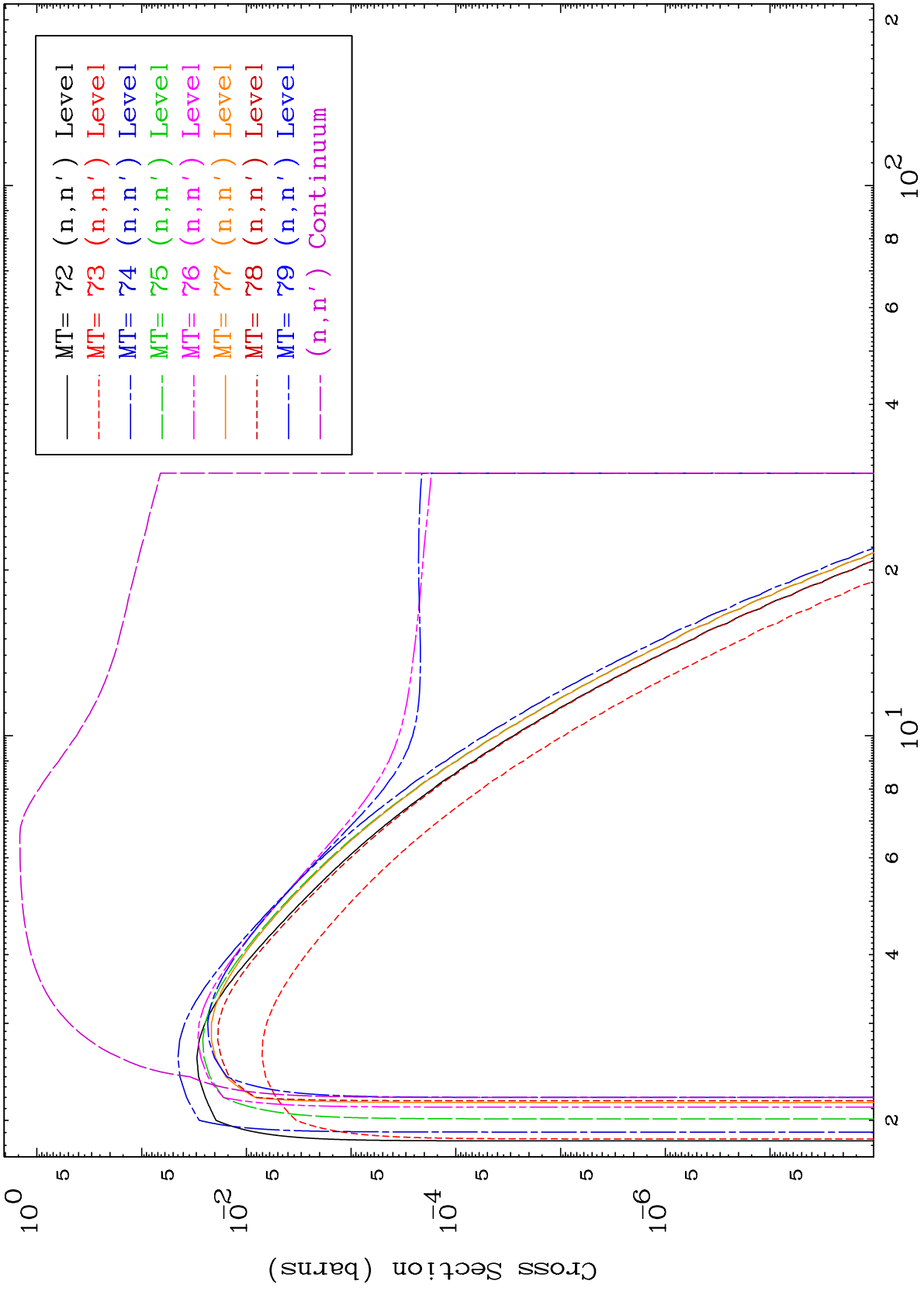
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,n') Level
293 Kelvin Cross Sections

27-Co-62



9

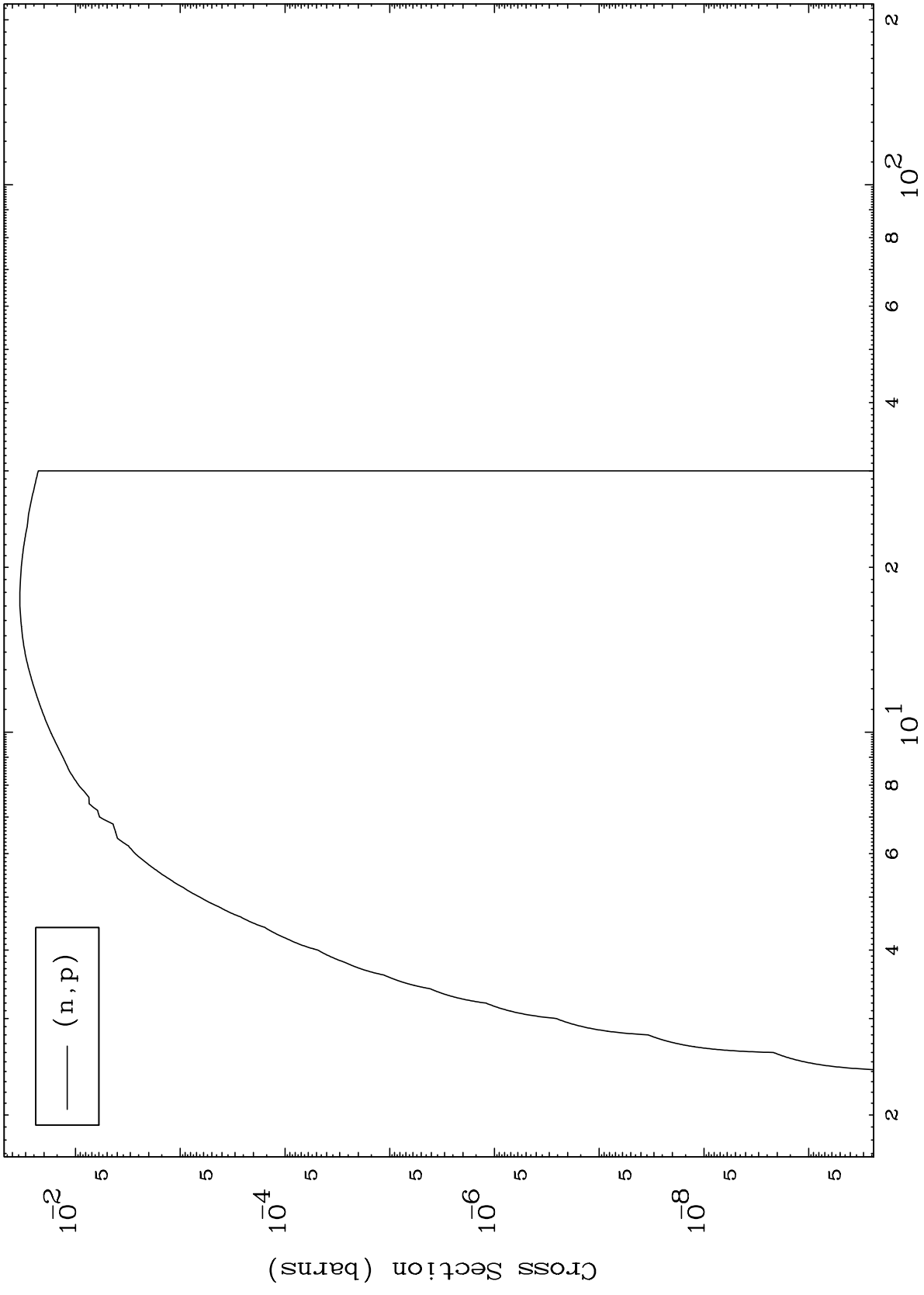
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,p) Levels
293 Kelvin Cross Sections

27-Co-62



10

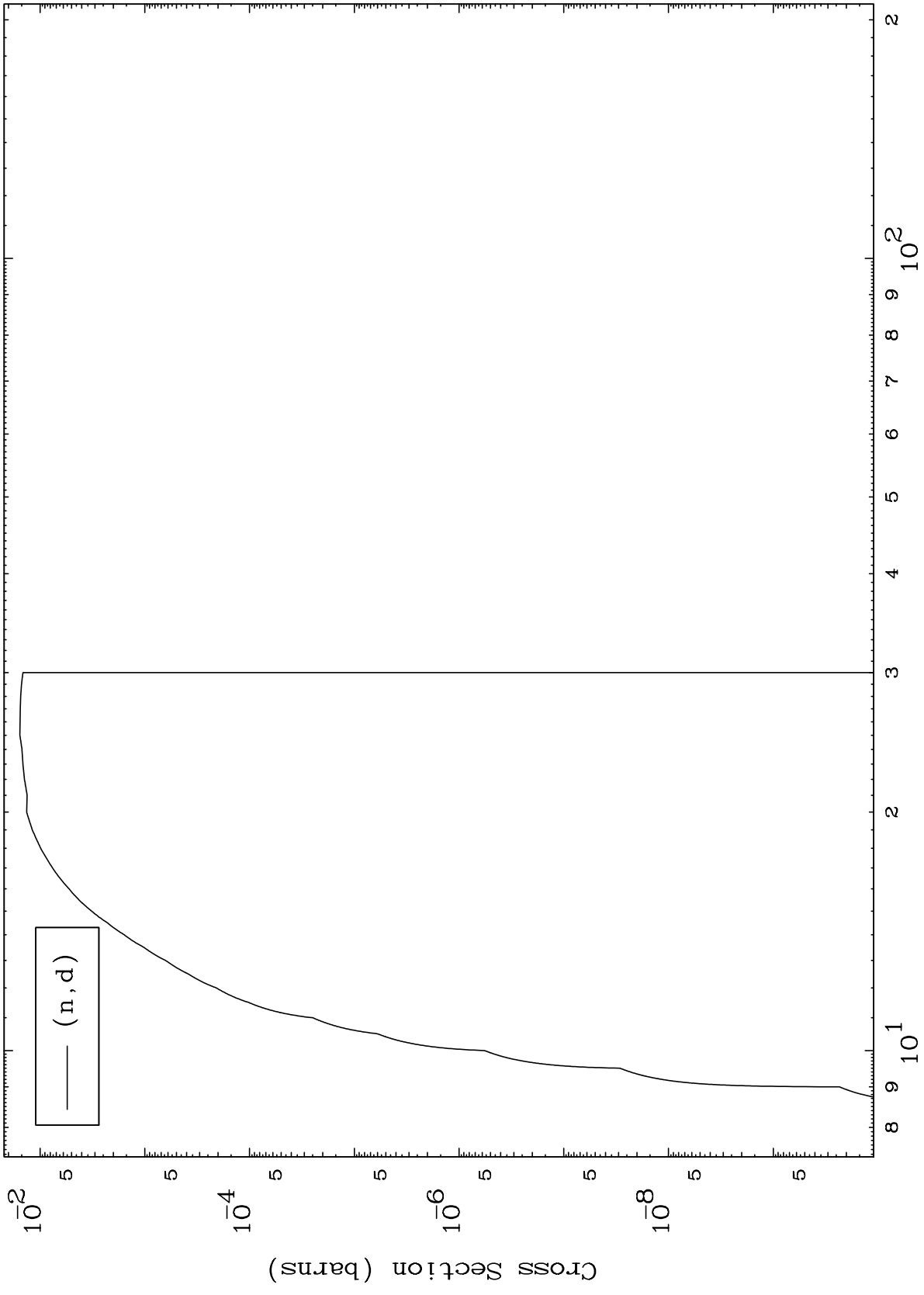
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,d) Levels
293 Kelvin Cross Sections

27-Co-62



11

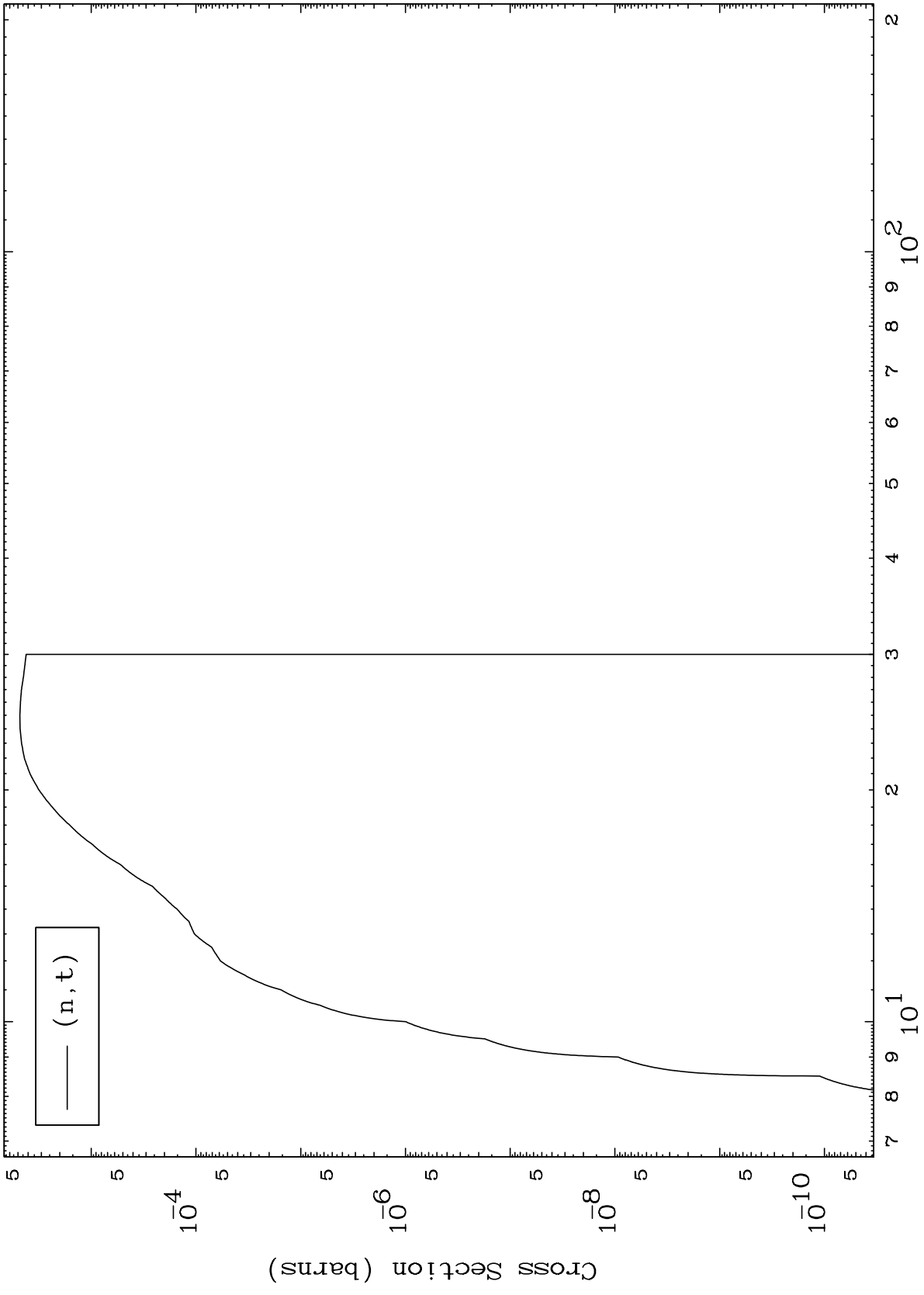
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,t) Levels
293 Kelvin Cross Sections

27-Co-62



12

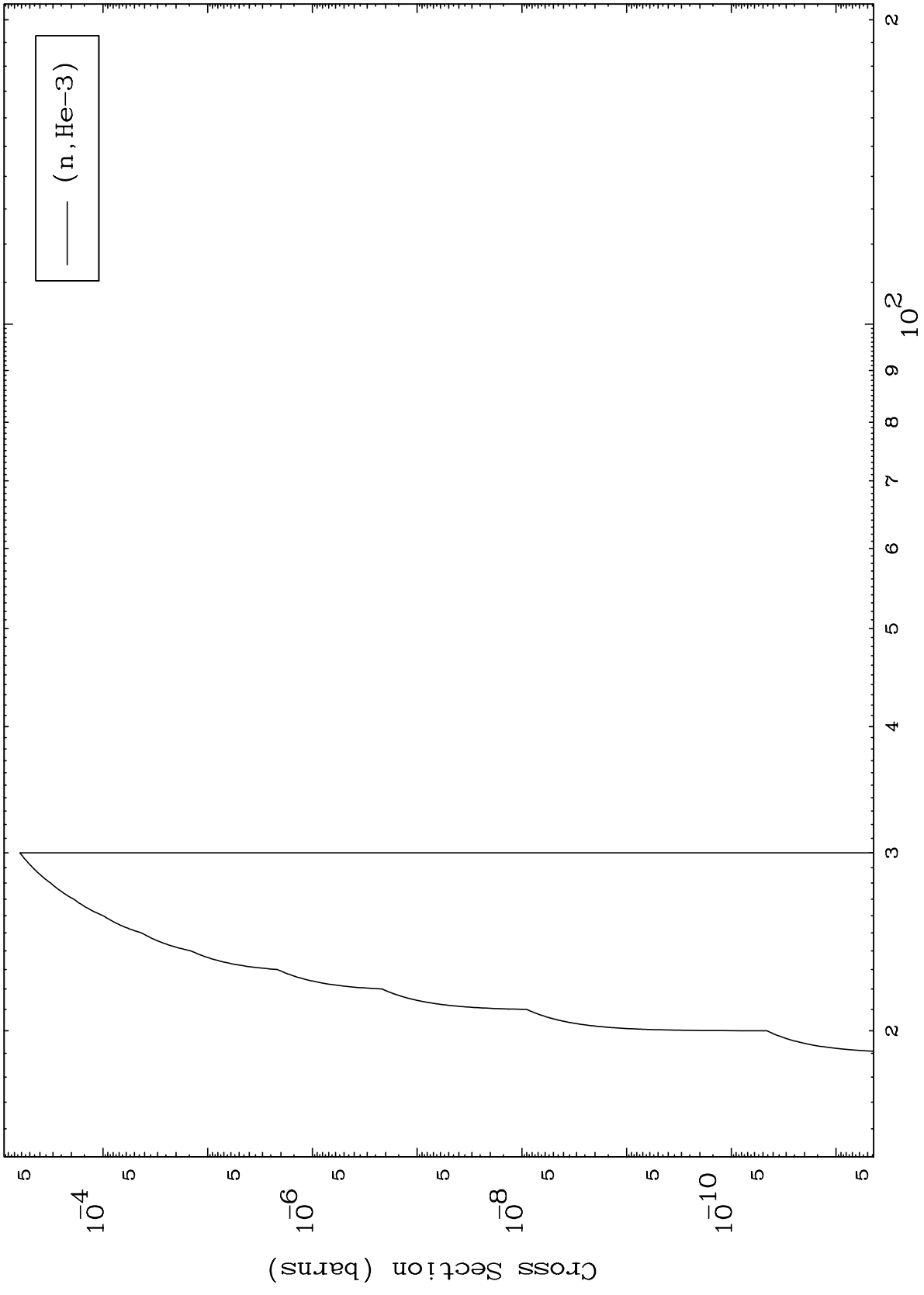
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27-Co-62

MAT 2734

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-62



13

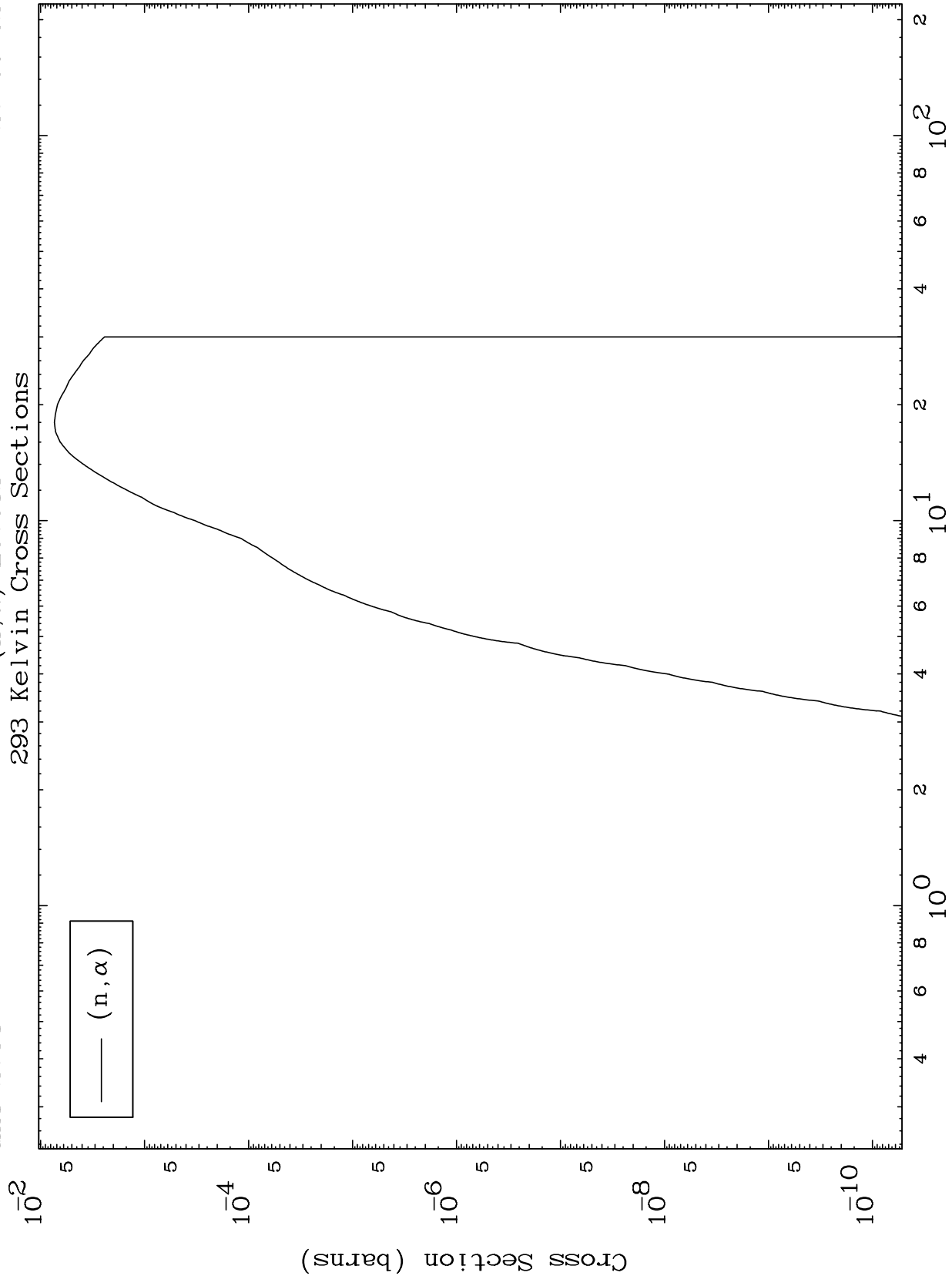
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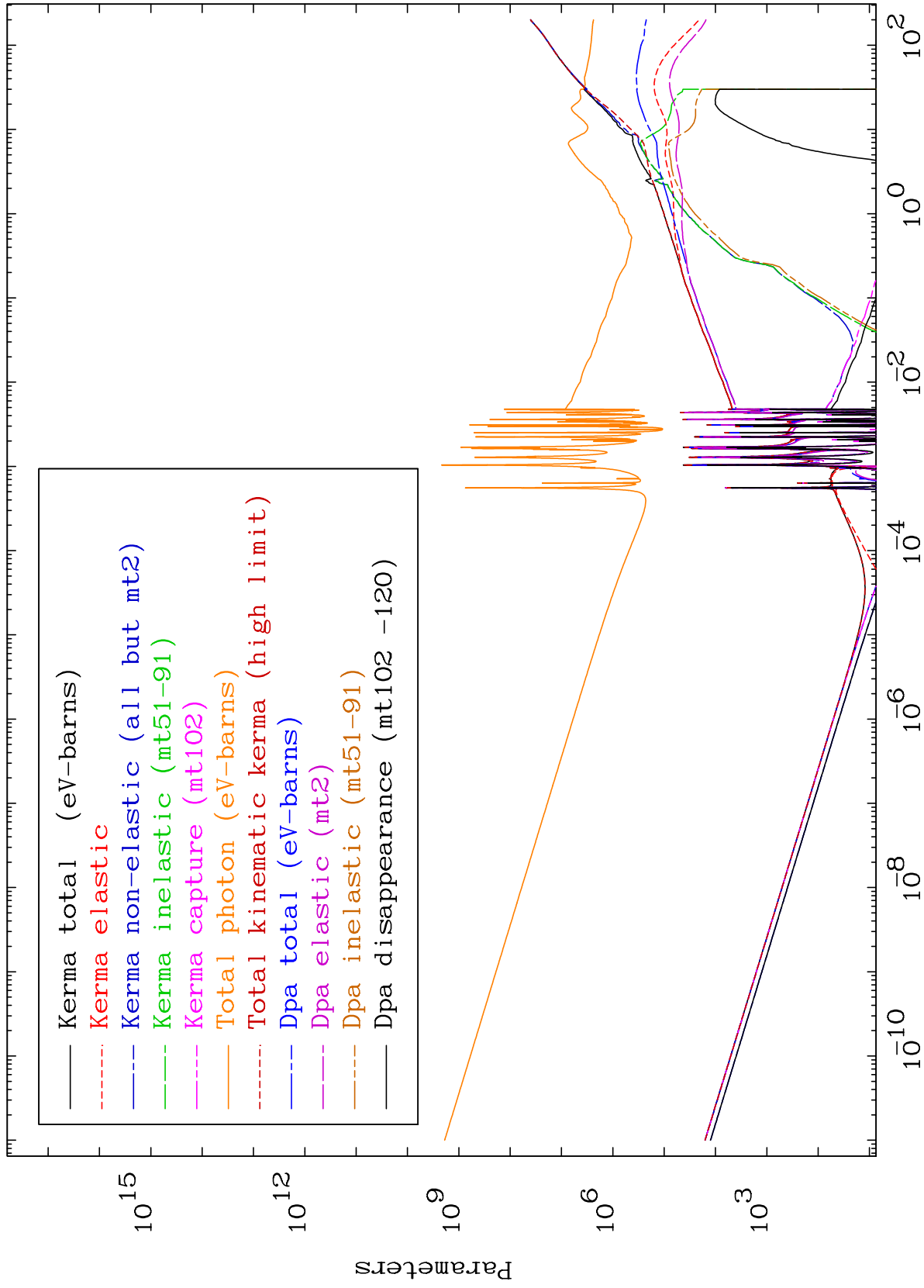
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MAT 2734

(n,α) Levels
293 Kelvin Cross Sections

27-Co-62

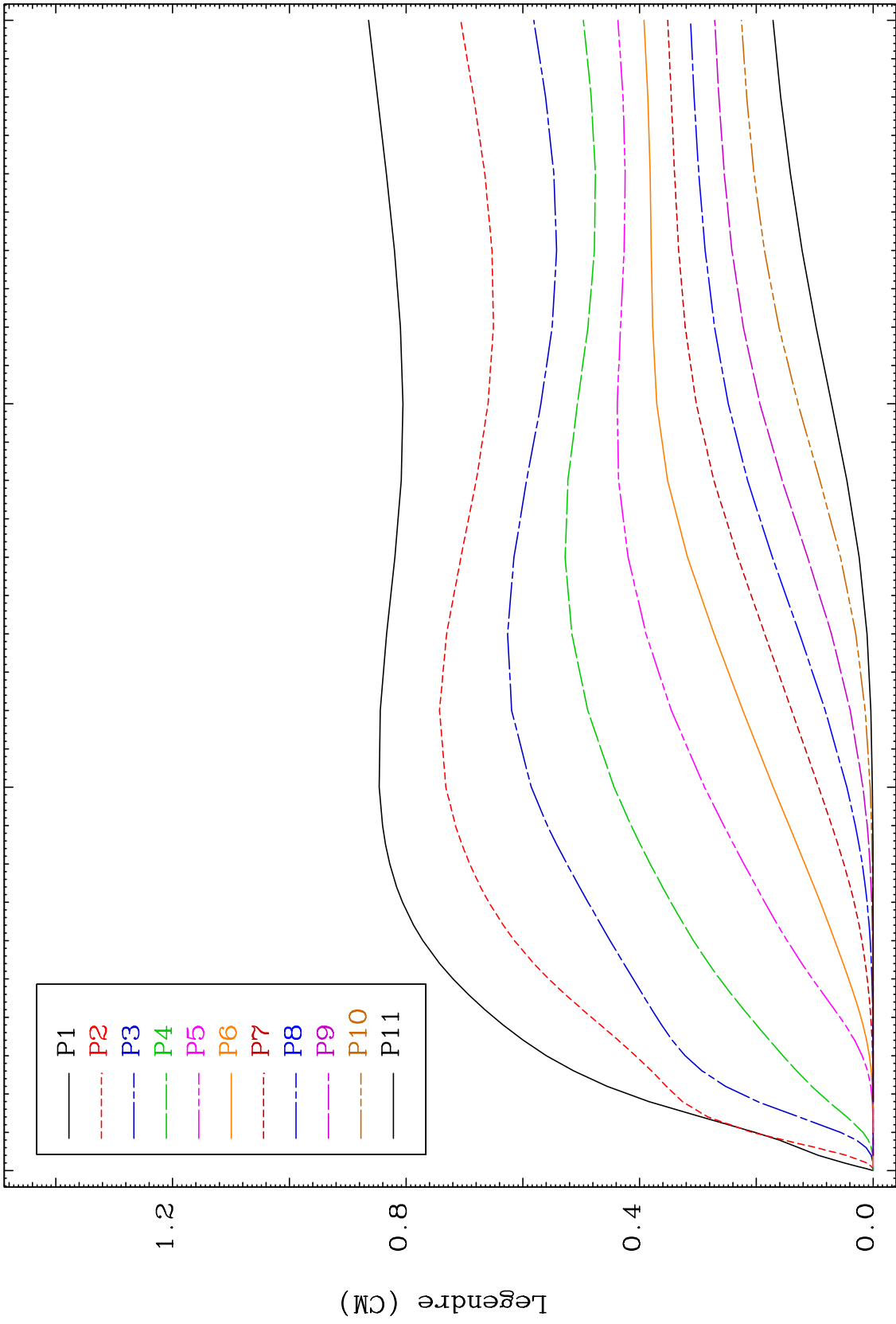




MAT 2734

Elastic Legendre Coefficients

27-Co-62



16

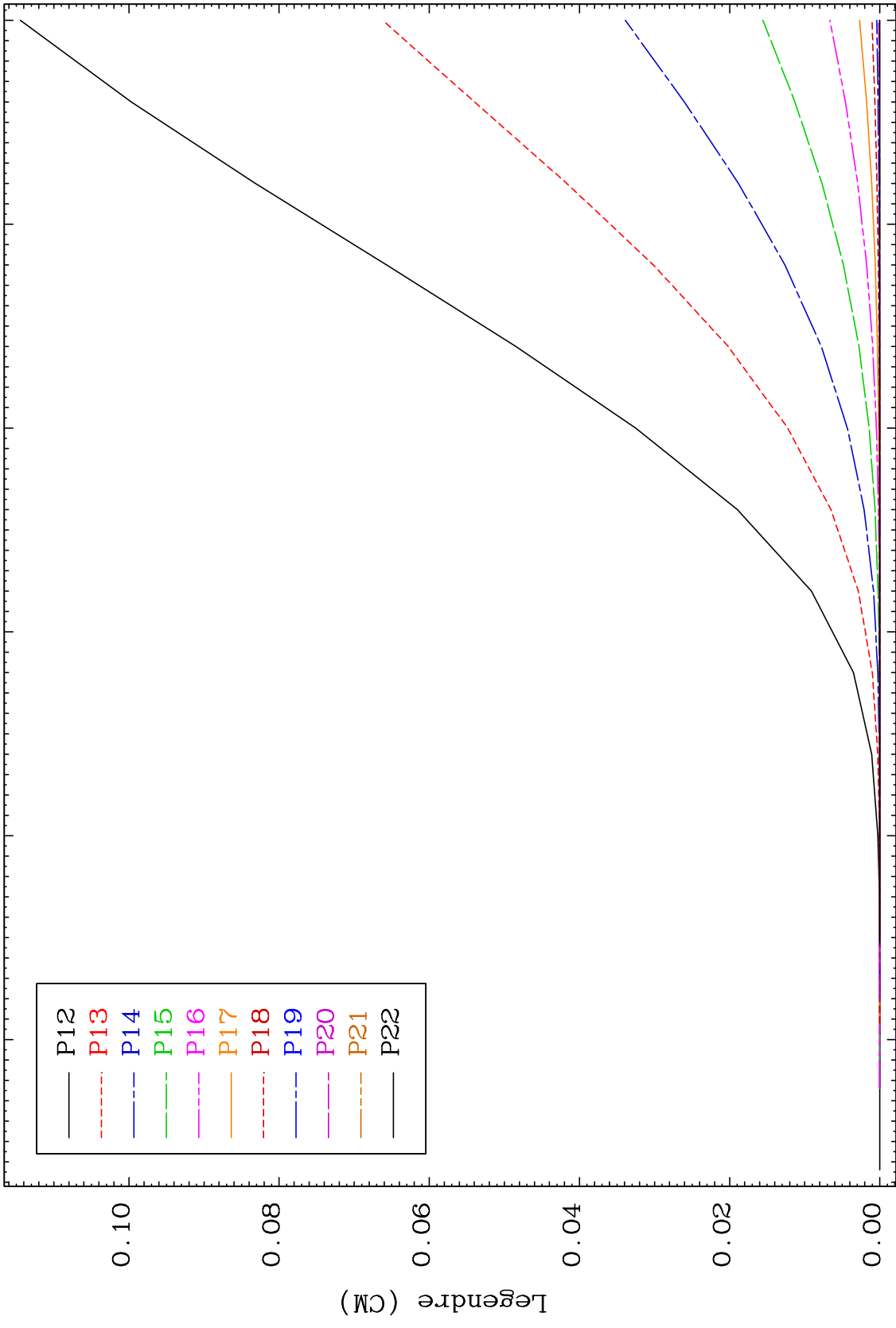
Incident Energy (MeV)

27-Co-62

MAT 2734

Elastic Legendre Coefficients

²⁷Co-62



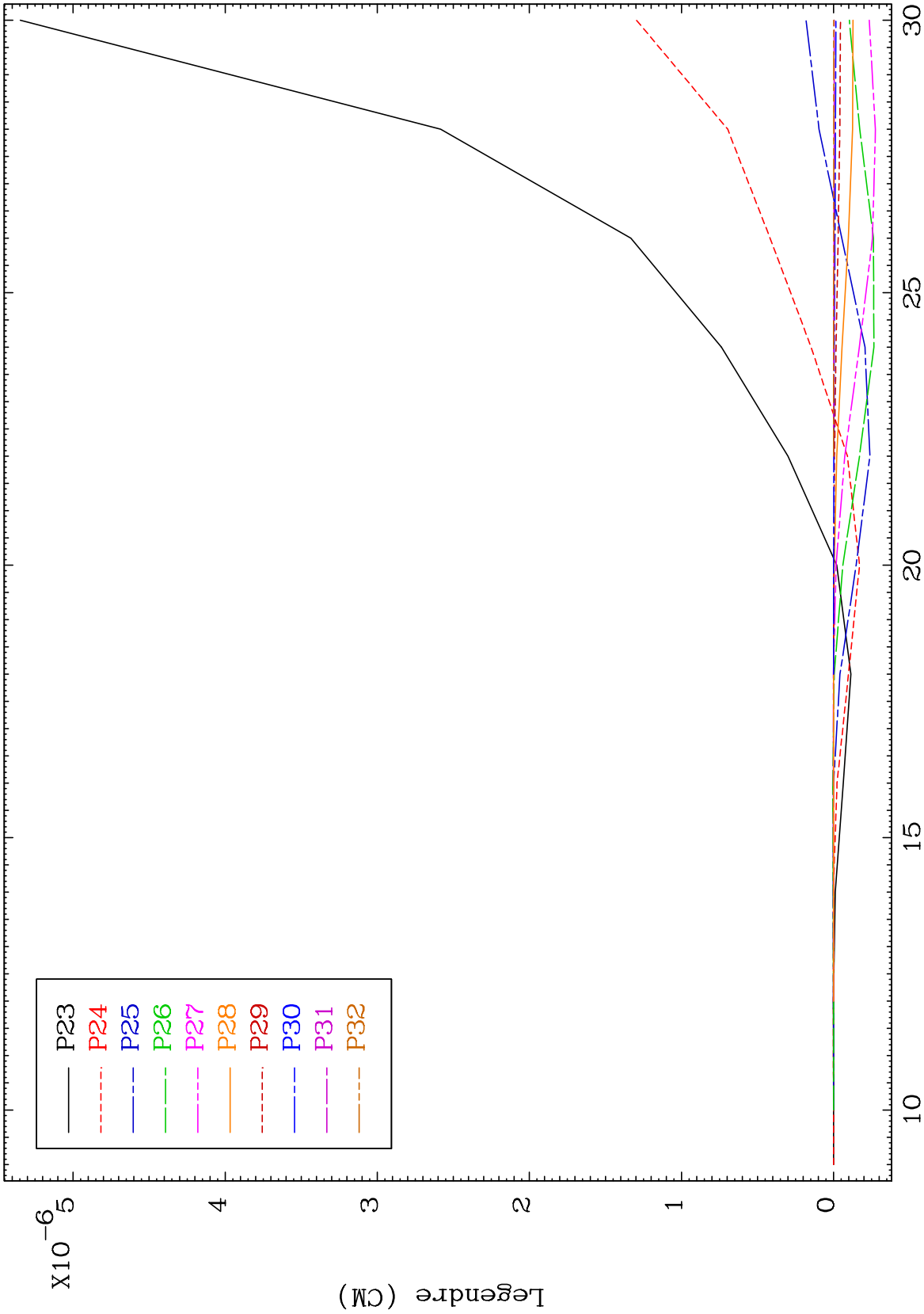
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²⁷Co-62

MAT 2734

Elastic Legendre Coefficients

27-Co-62



18

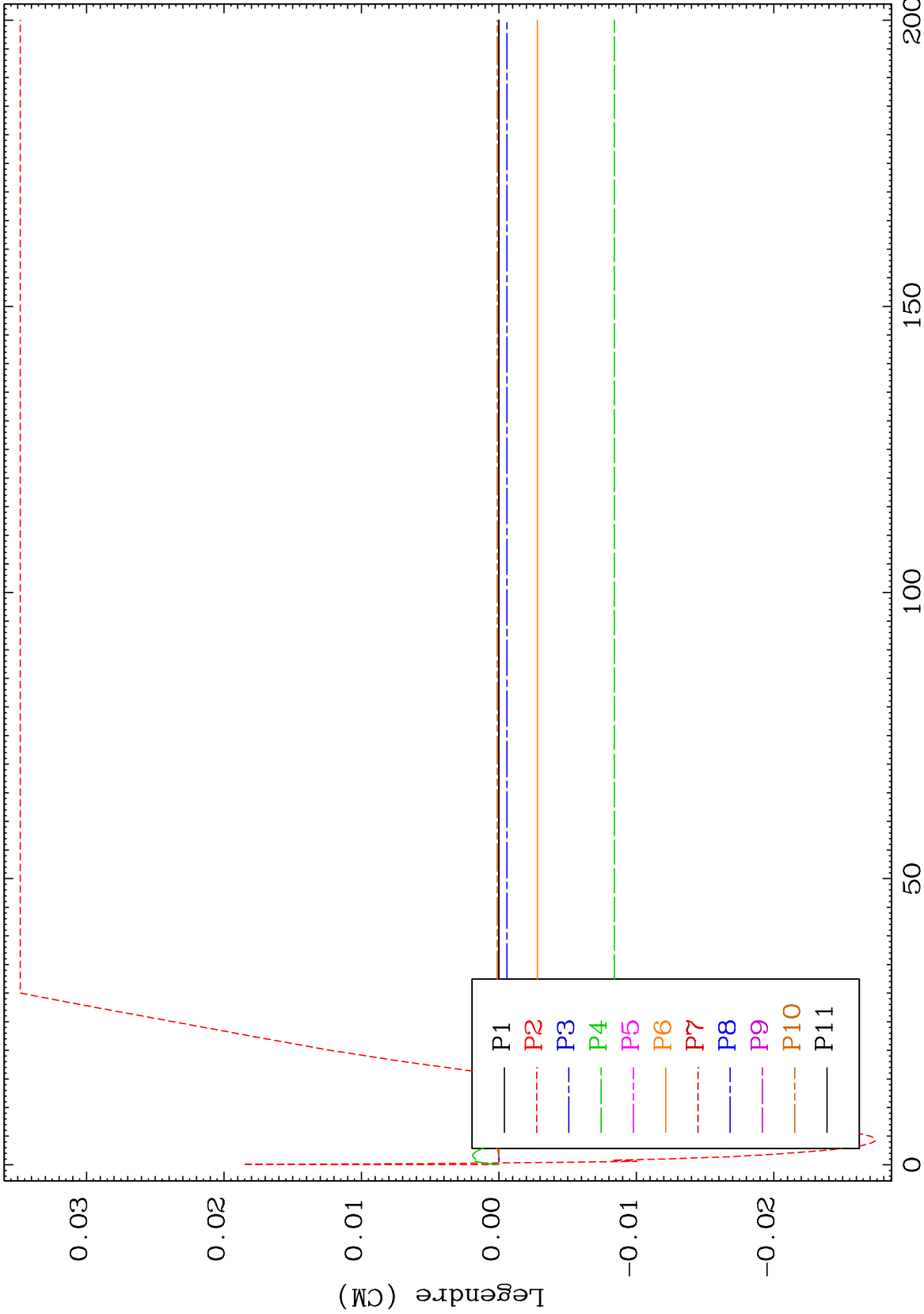
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



19

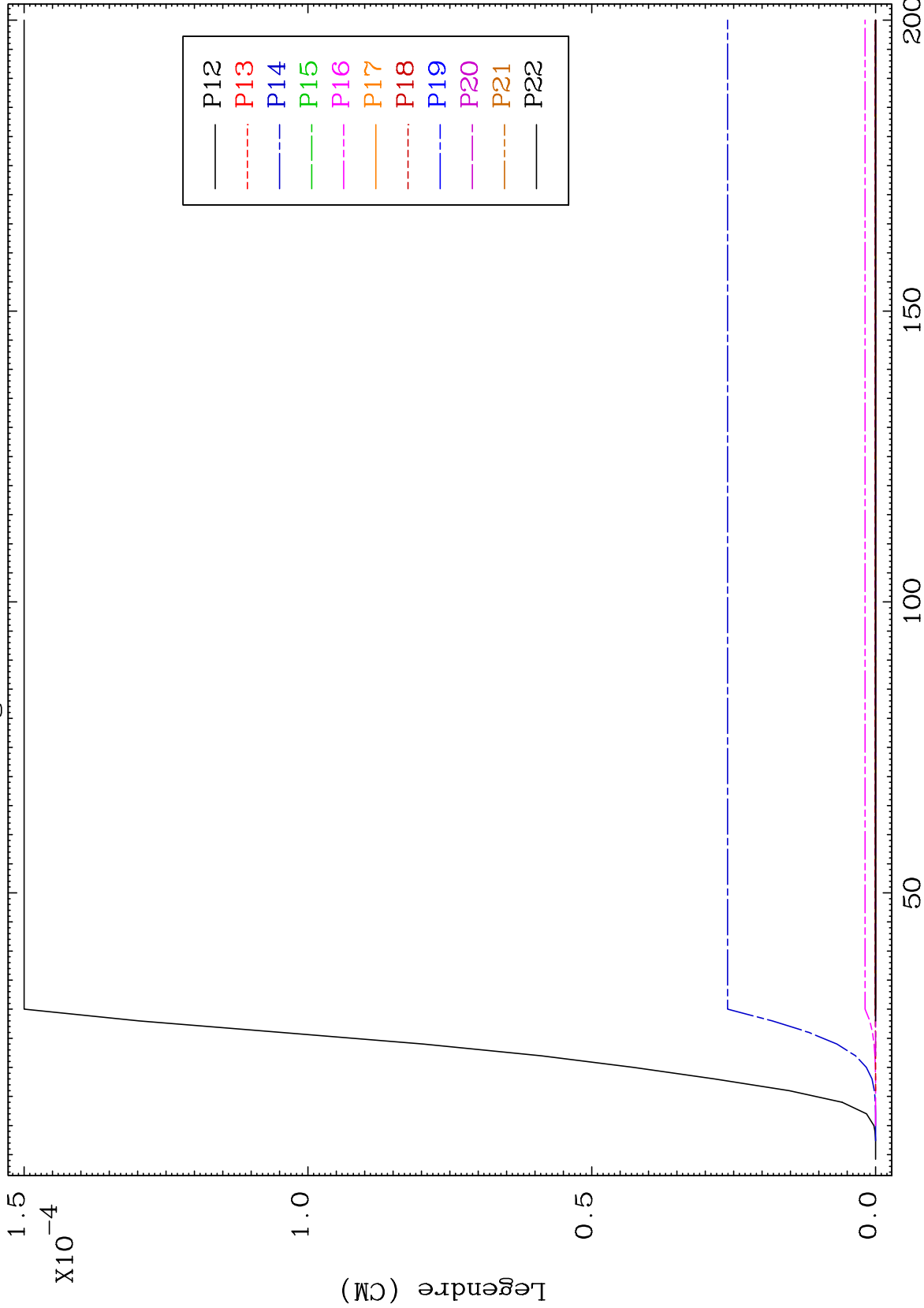
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



20

Incident Energy (MeV)

50

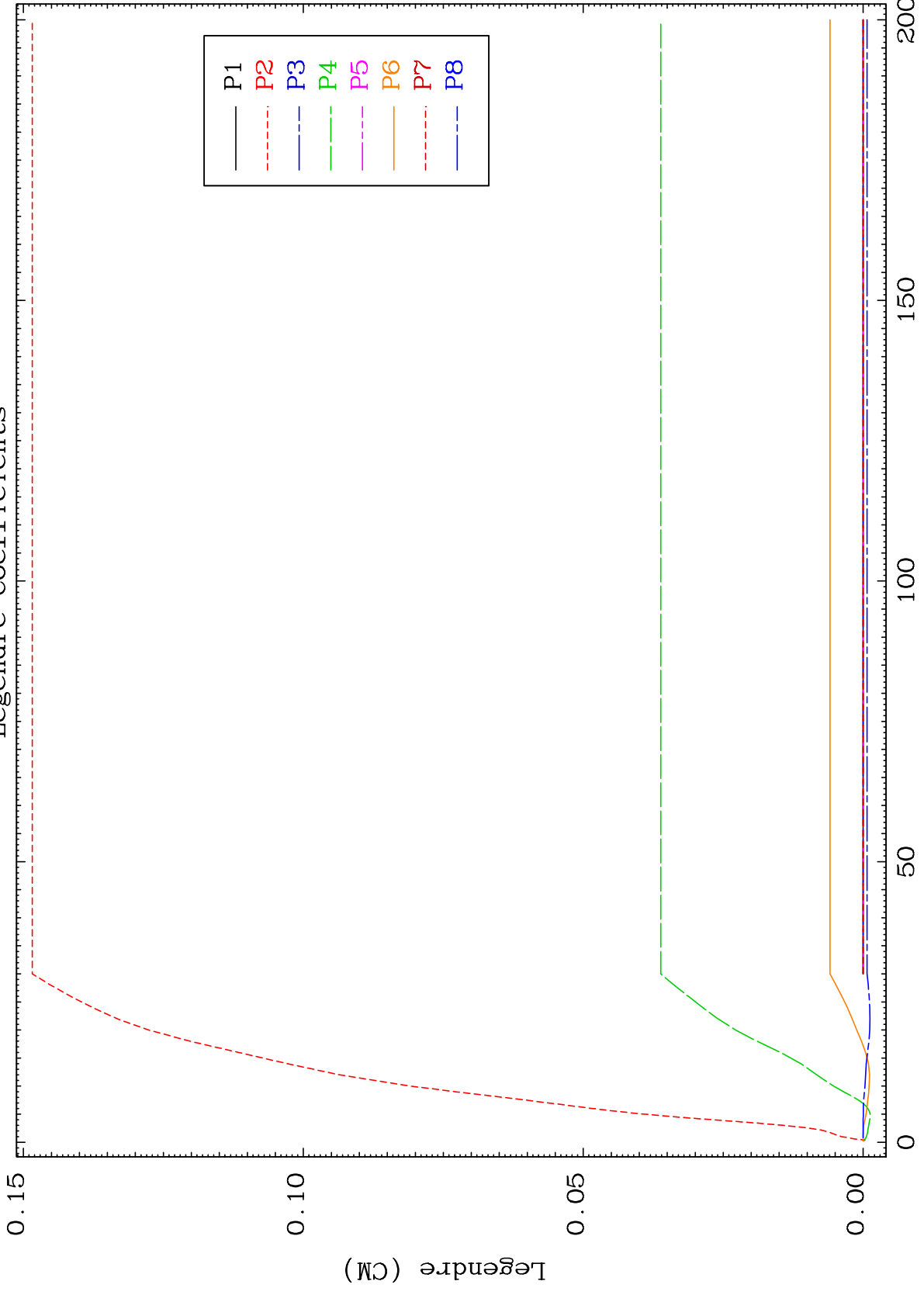
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150

200

27-Co-62

MAT 2734 MT= 52 (n,n') Level Legendre Coefficients 27-Co-62

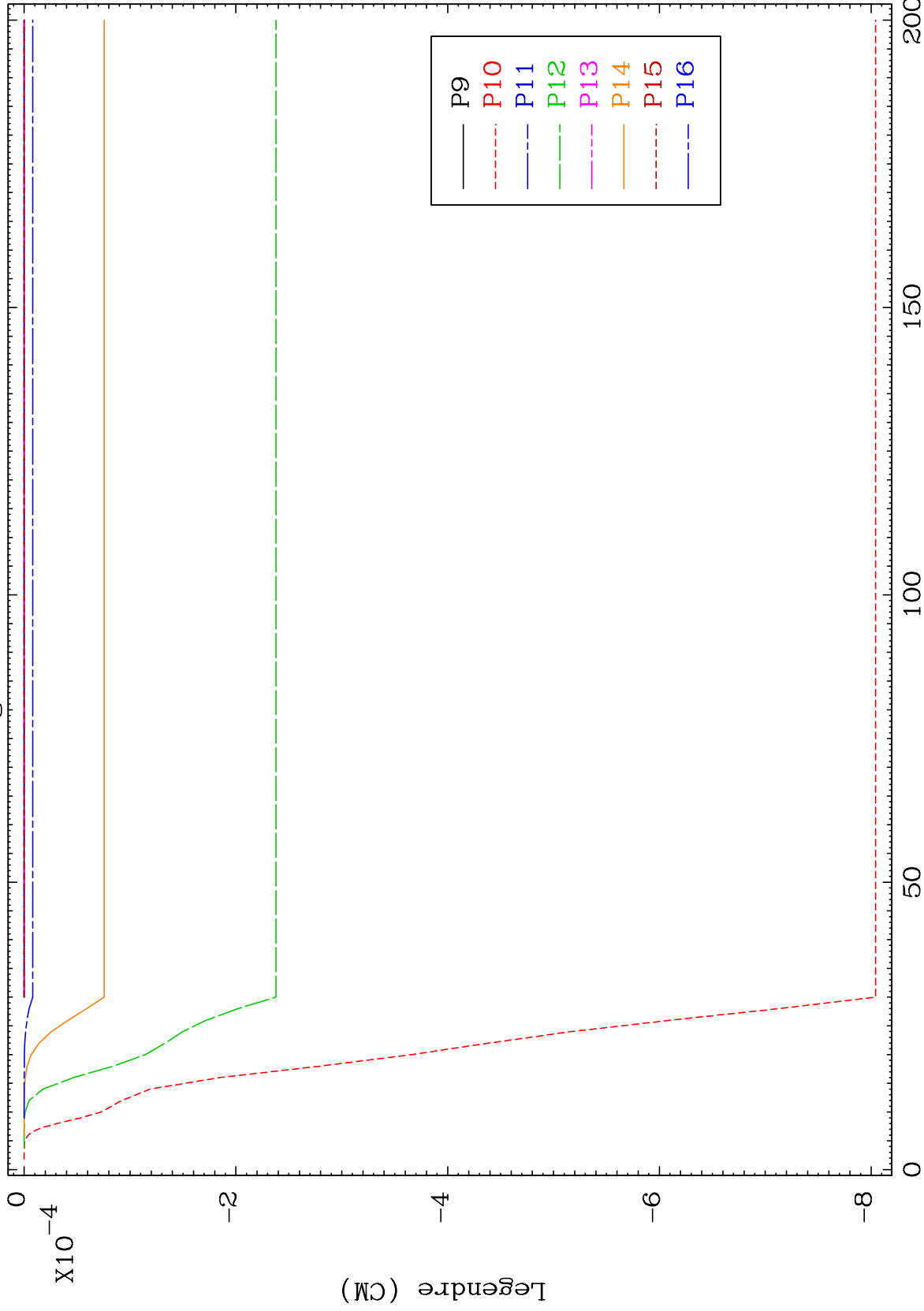


21 27-Co-62

MAT 2734

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

27-Co-62



22

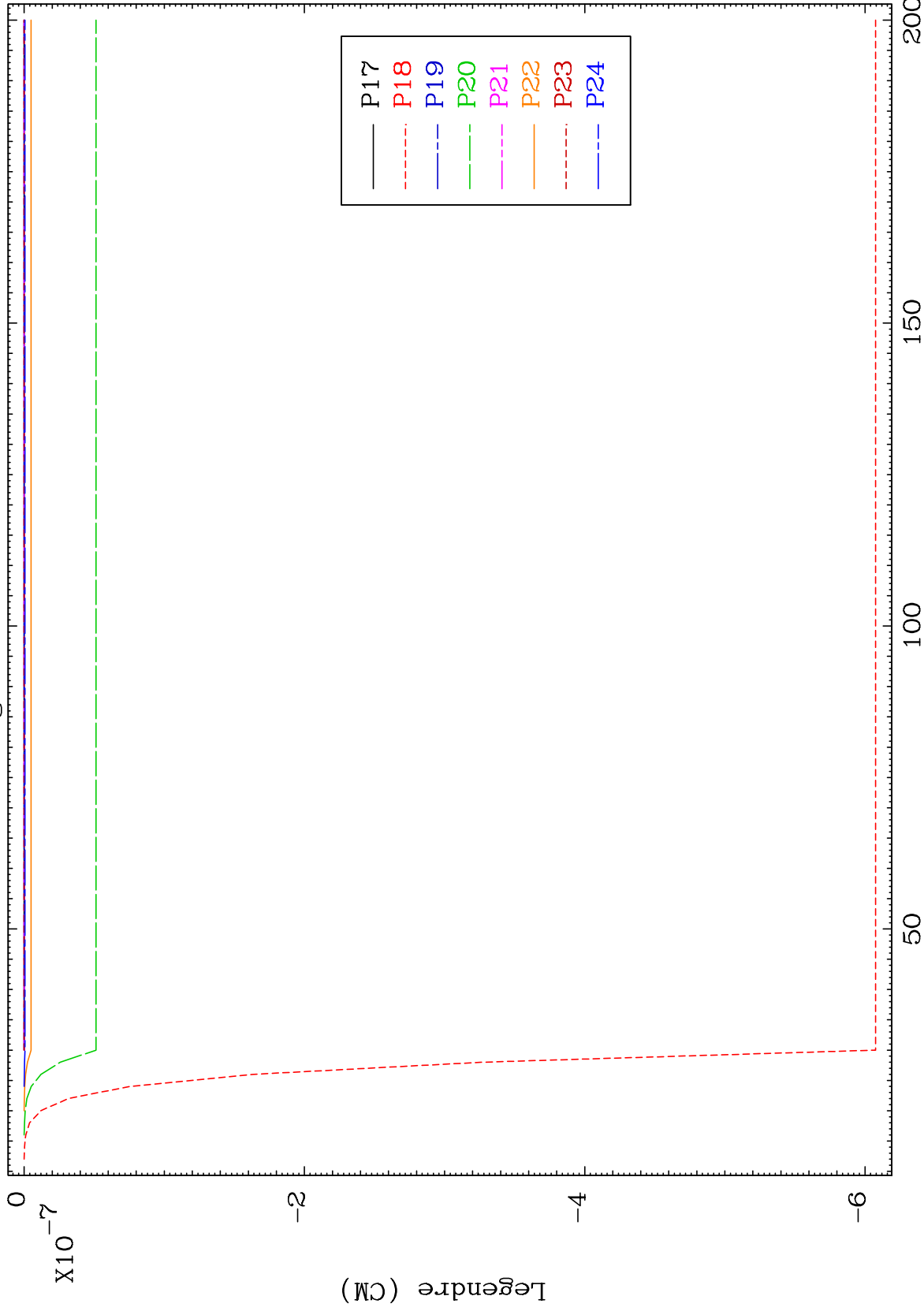
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62

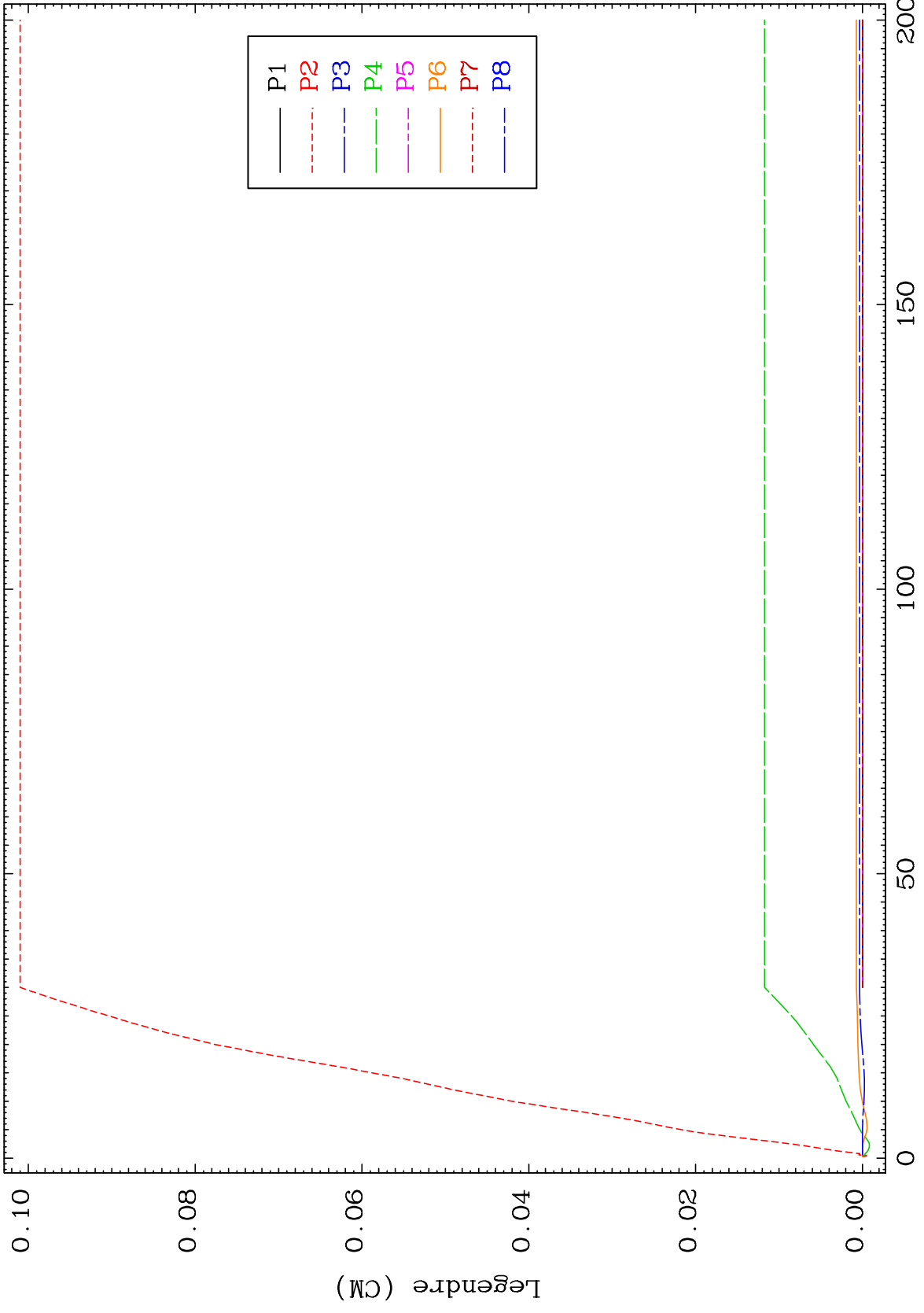


27-Co-62

Incident Energy (MeV)

23

MAT 2734 MT= 53 (n,n') Level Legendre Coefficients 27-Co-62

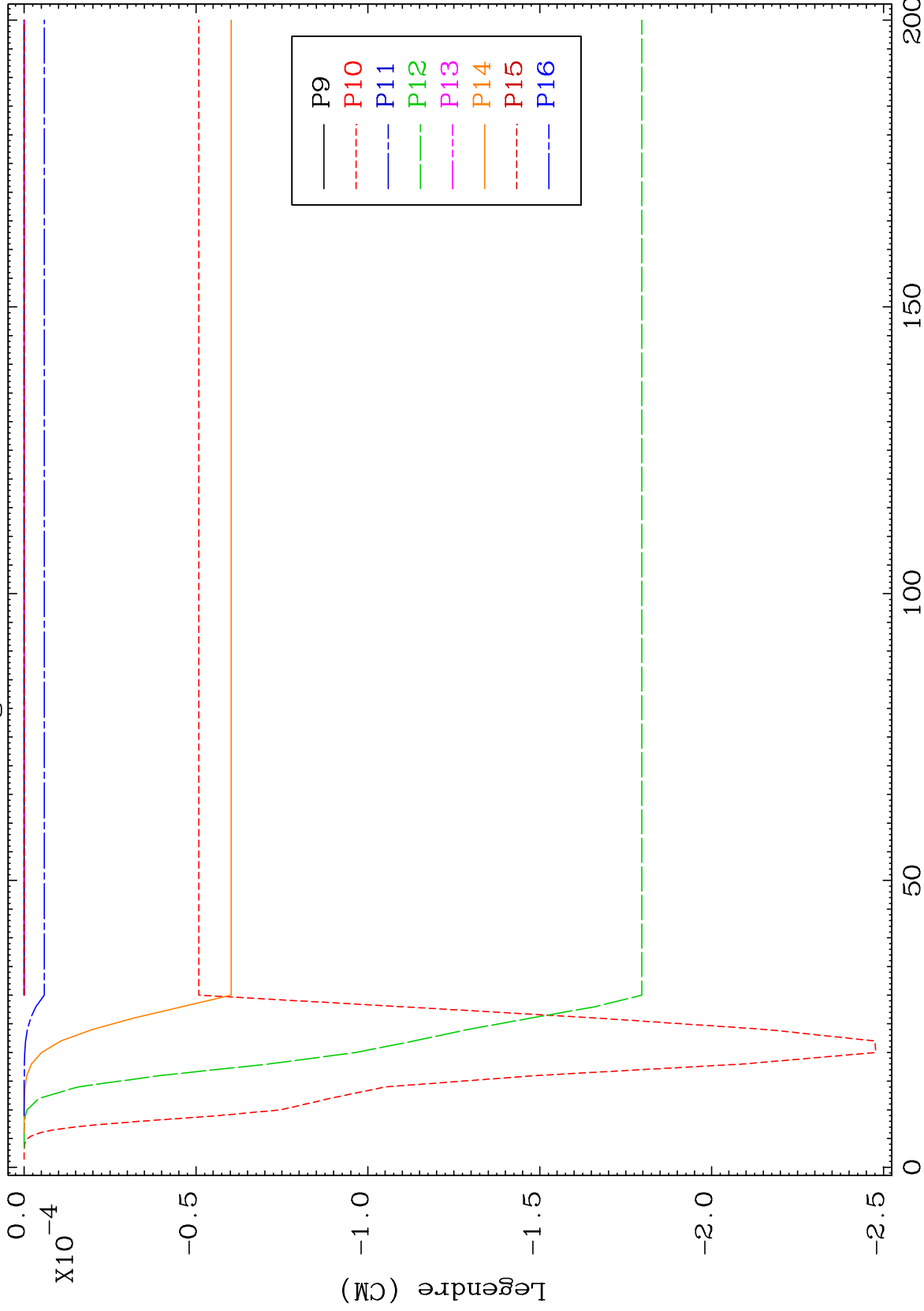


24 27-Co-62

MAT 2734

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

27-Co-62

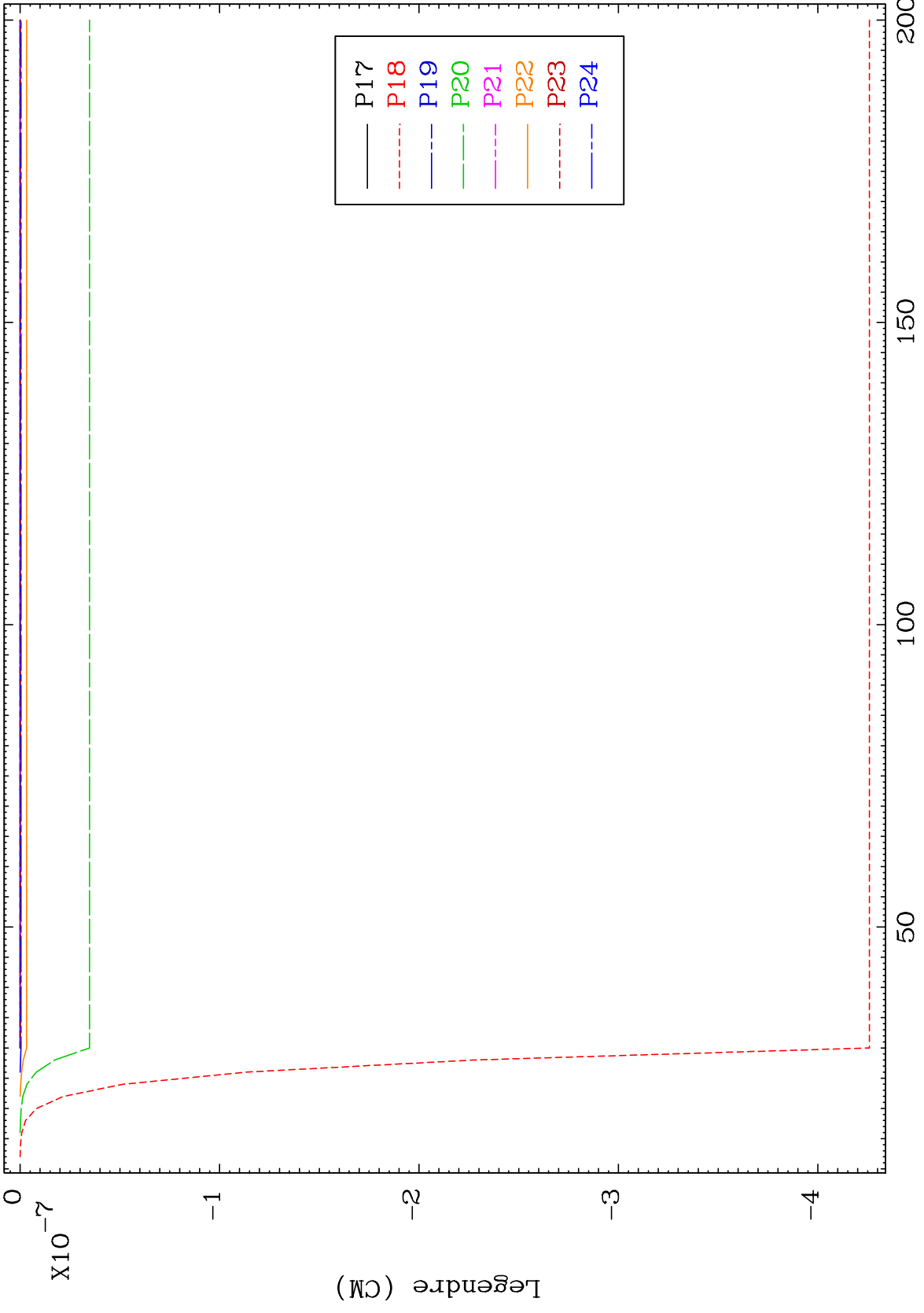


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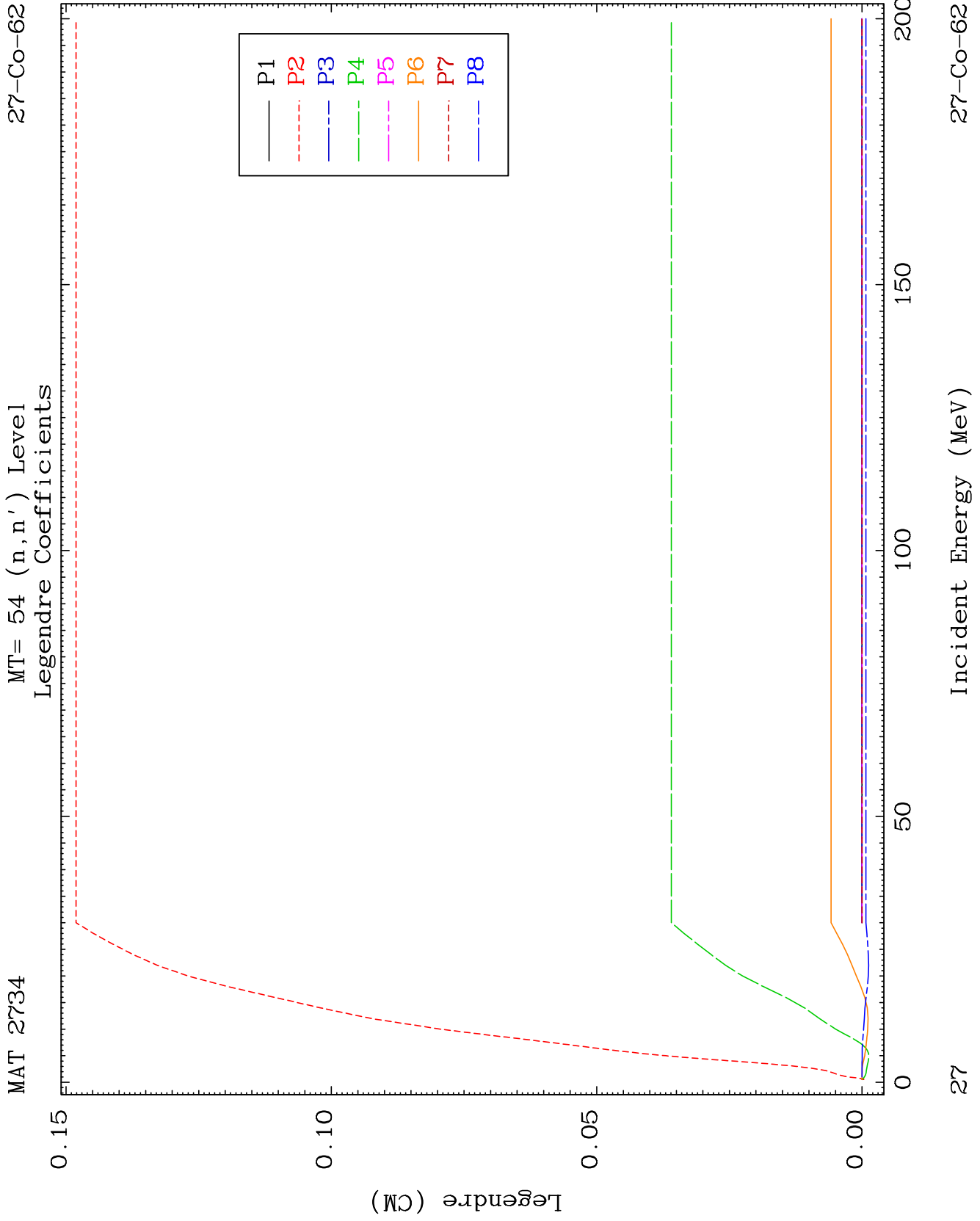
Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 53 (n,n') Level Legendre Coefficients 27-Co-62



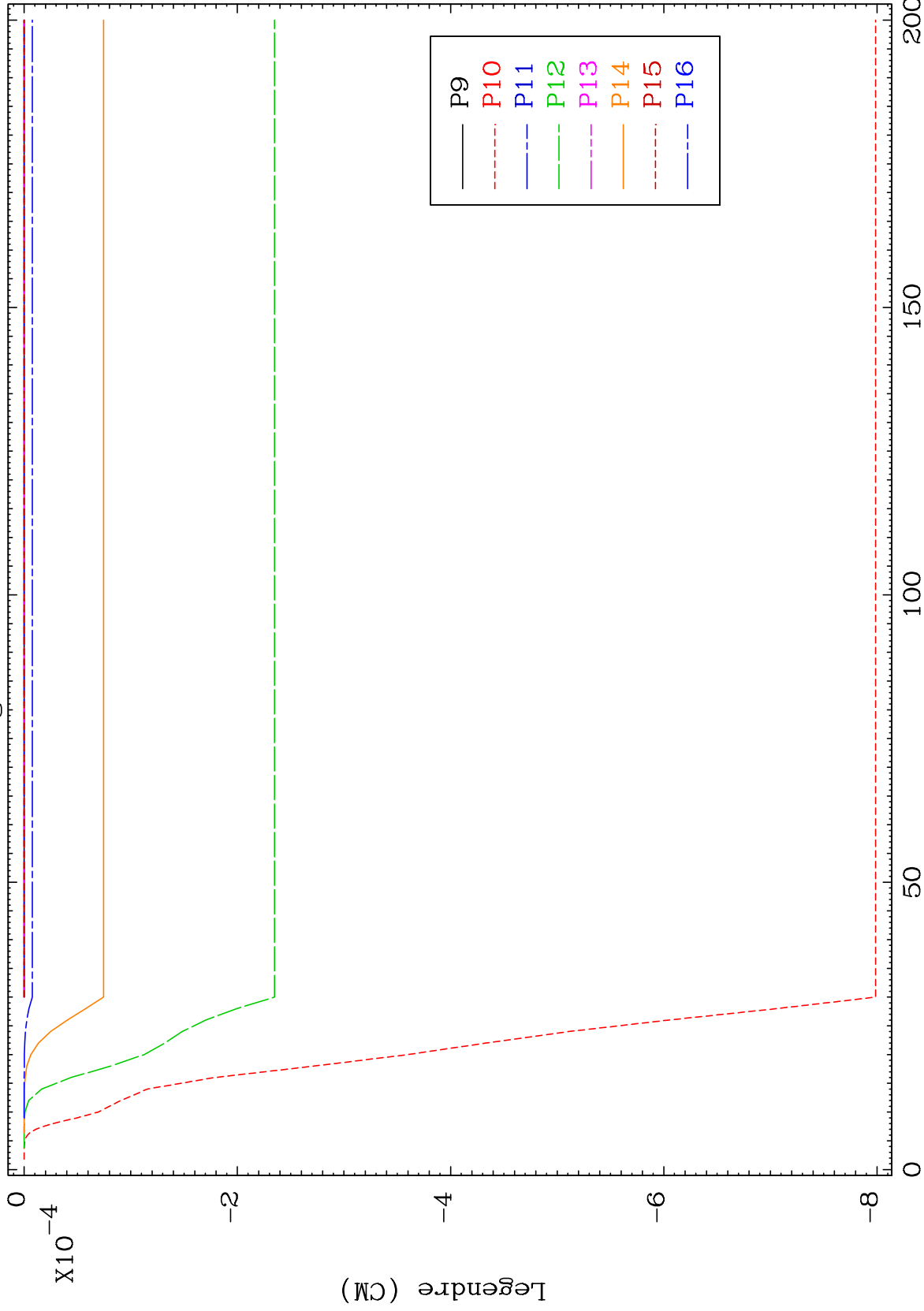
26 27-Co-62



MAT 2734

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

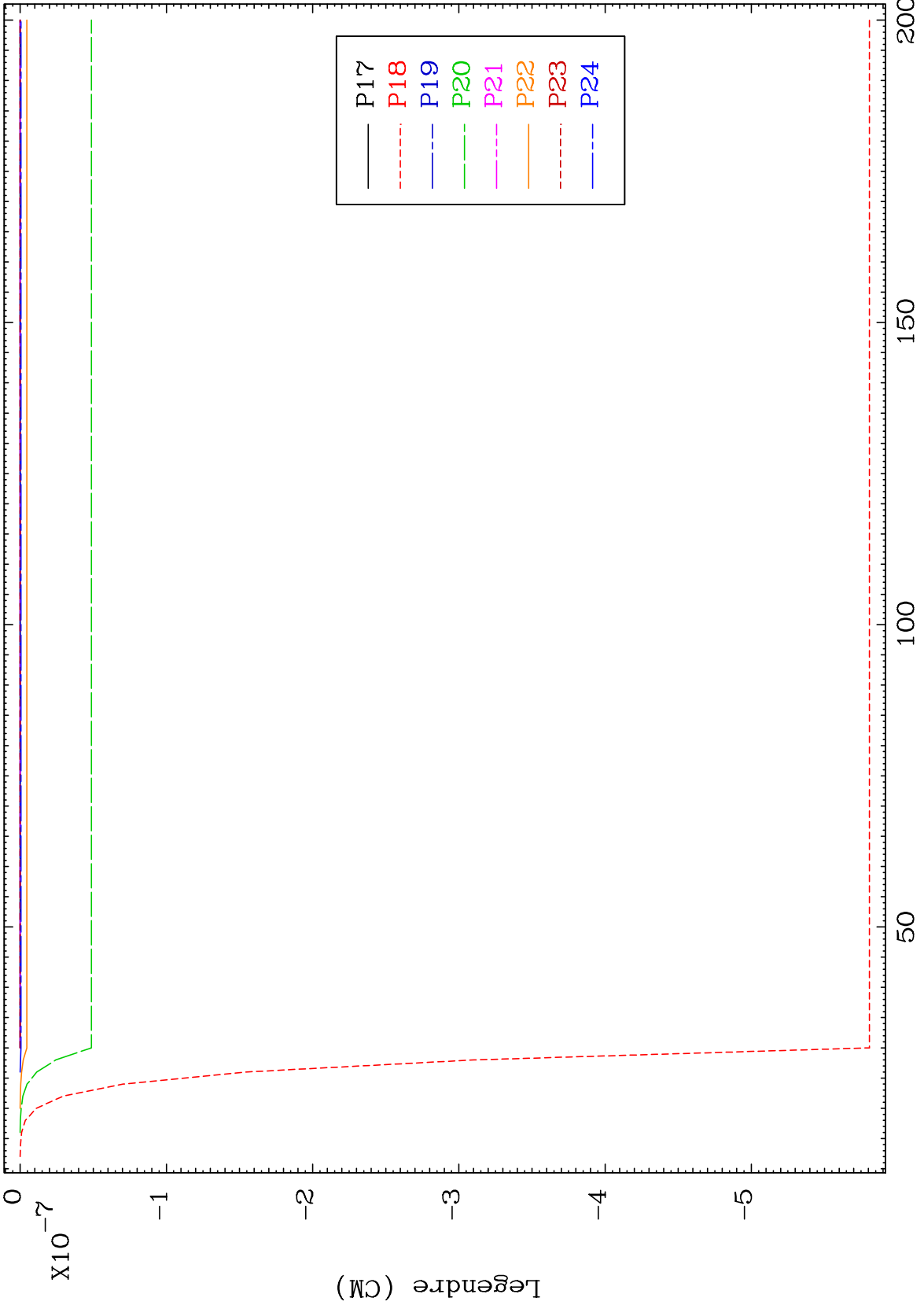
27-Co-62



27-Co-62

28

MAT 2734 MT= 54 (n,n') Level Legendre Coefficients 27-Co-62

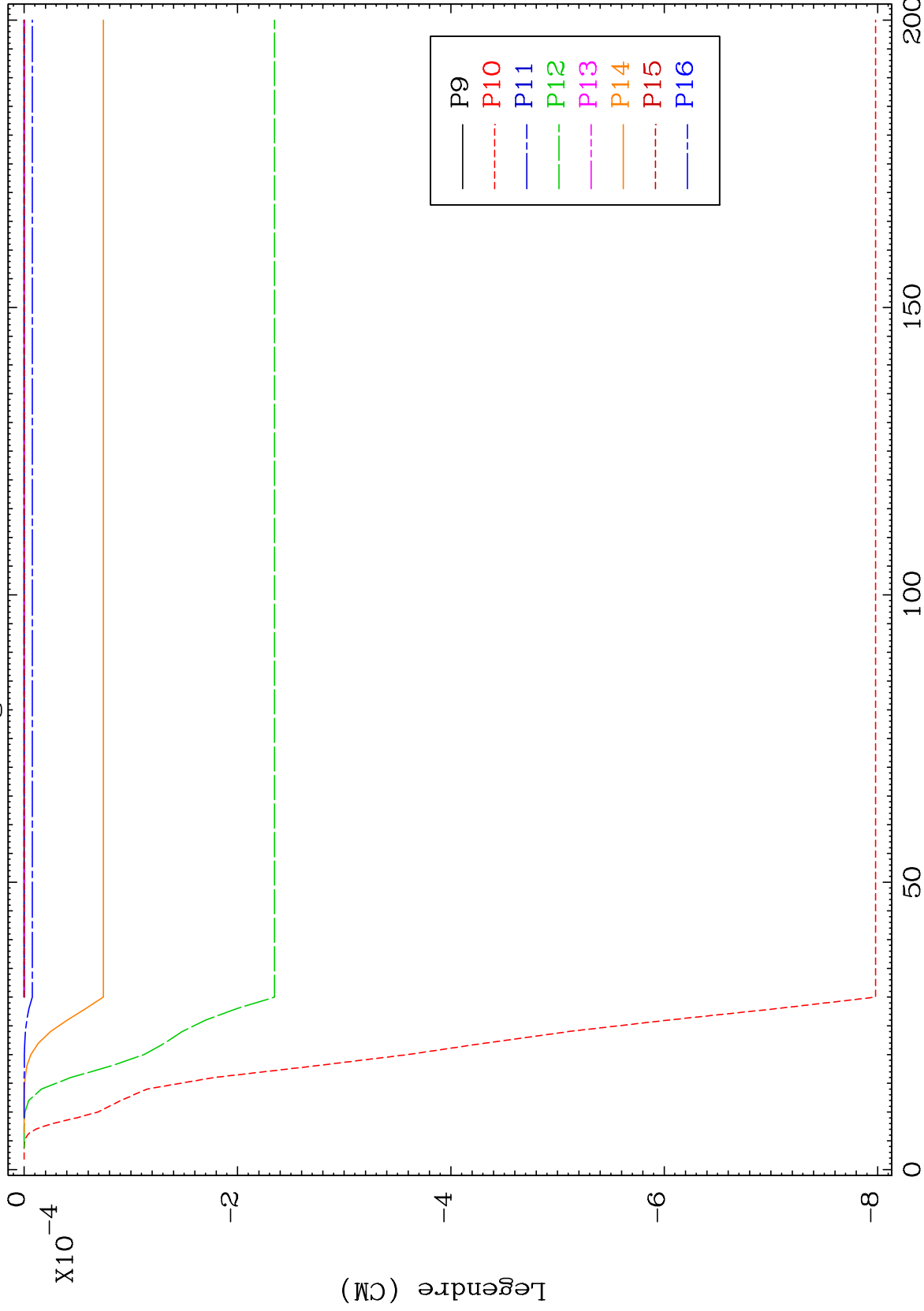


29 27-Co-62

MAT 2734

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

27-Co-62

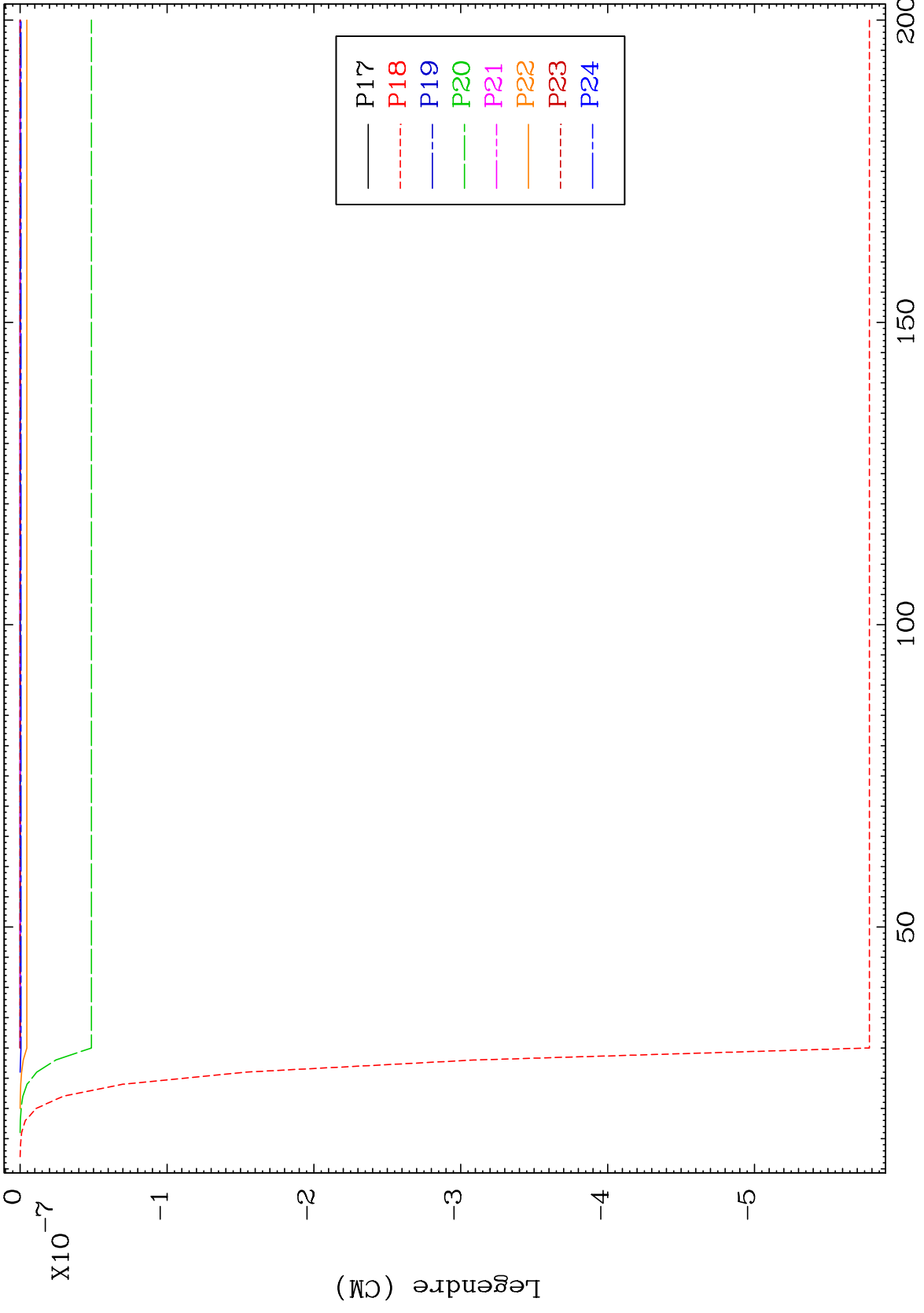


31

Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 55 (n,n') Level Legendre Coefficients 27-Co-62

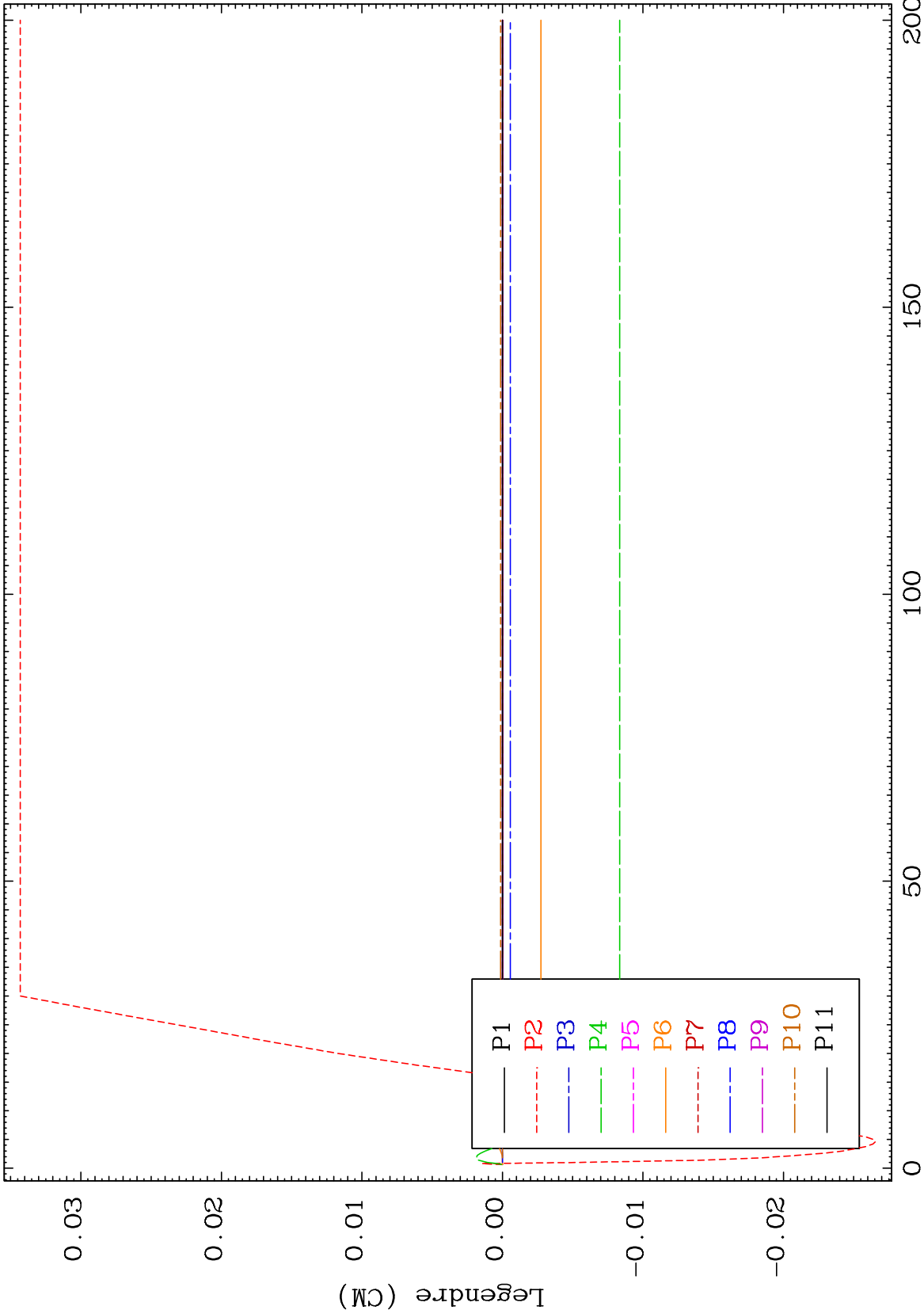


32 27-Co-62

MAT 2734

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

27-Co-62



33

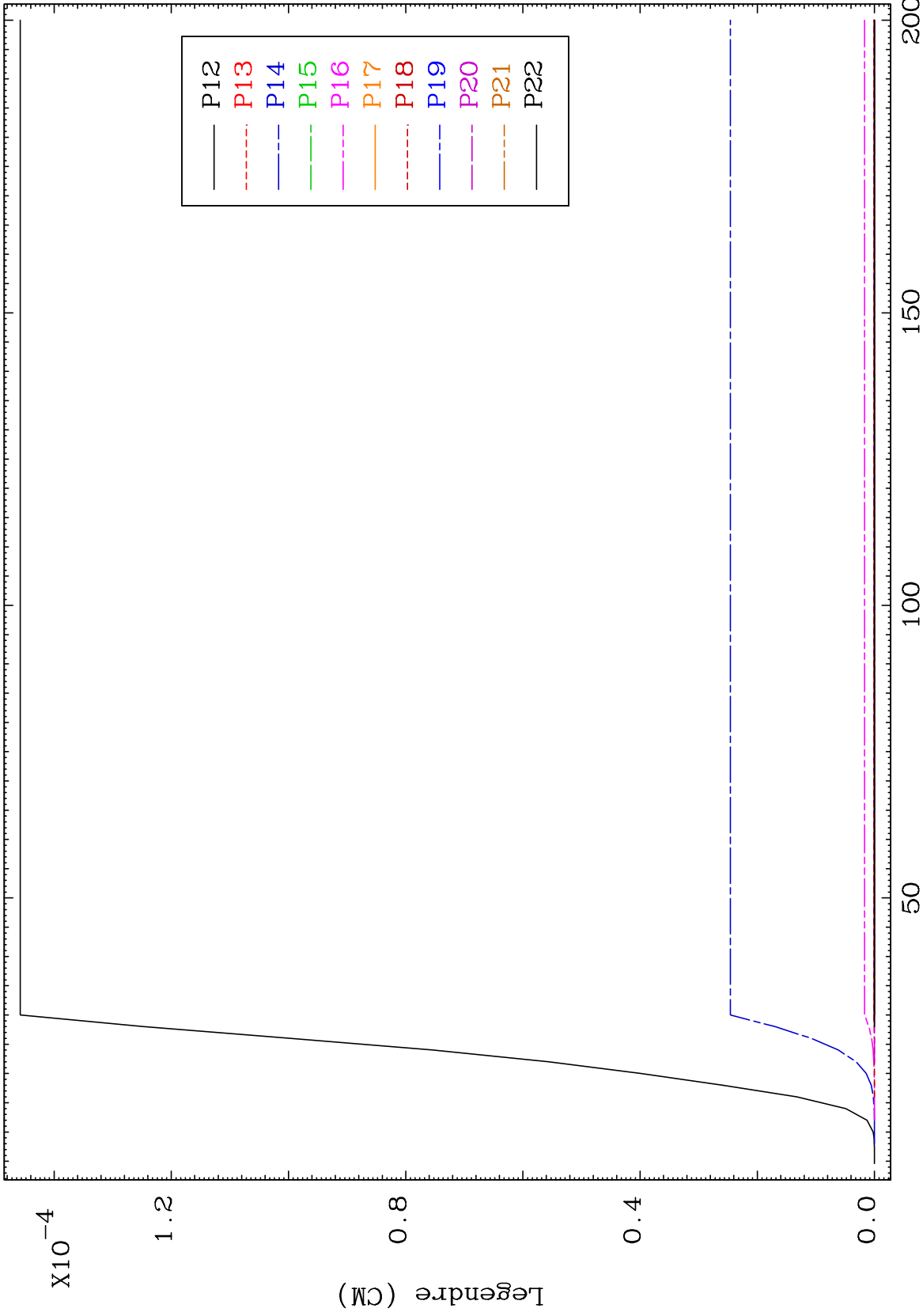
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



34

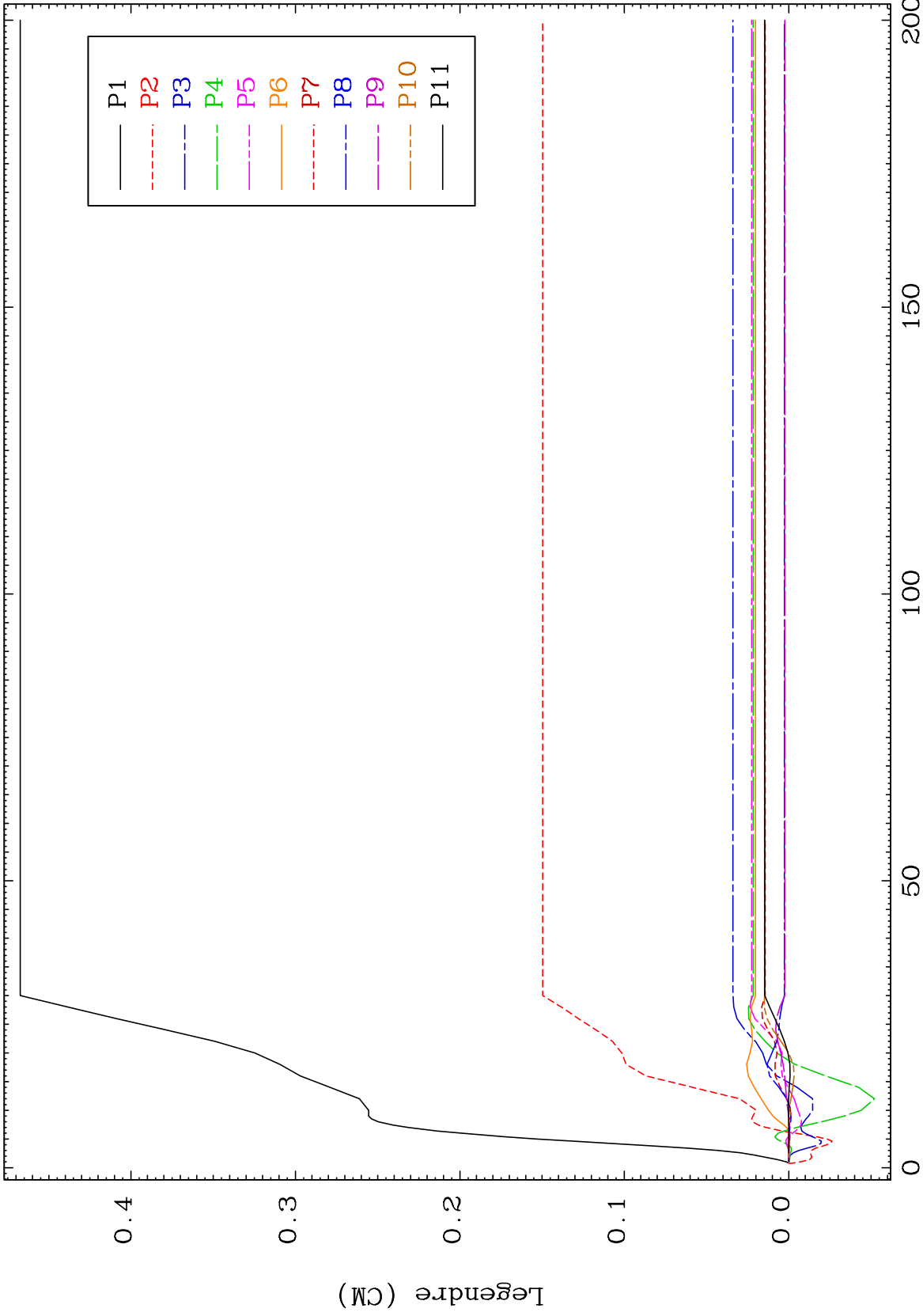
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



35

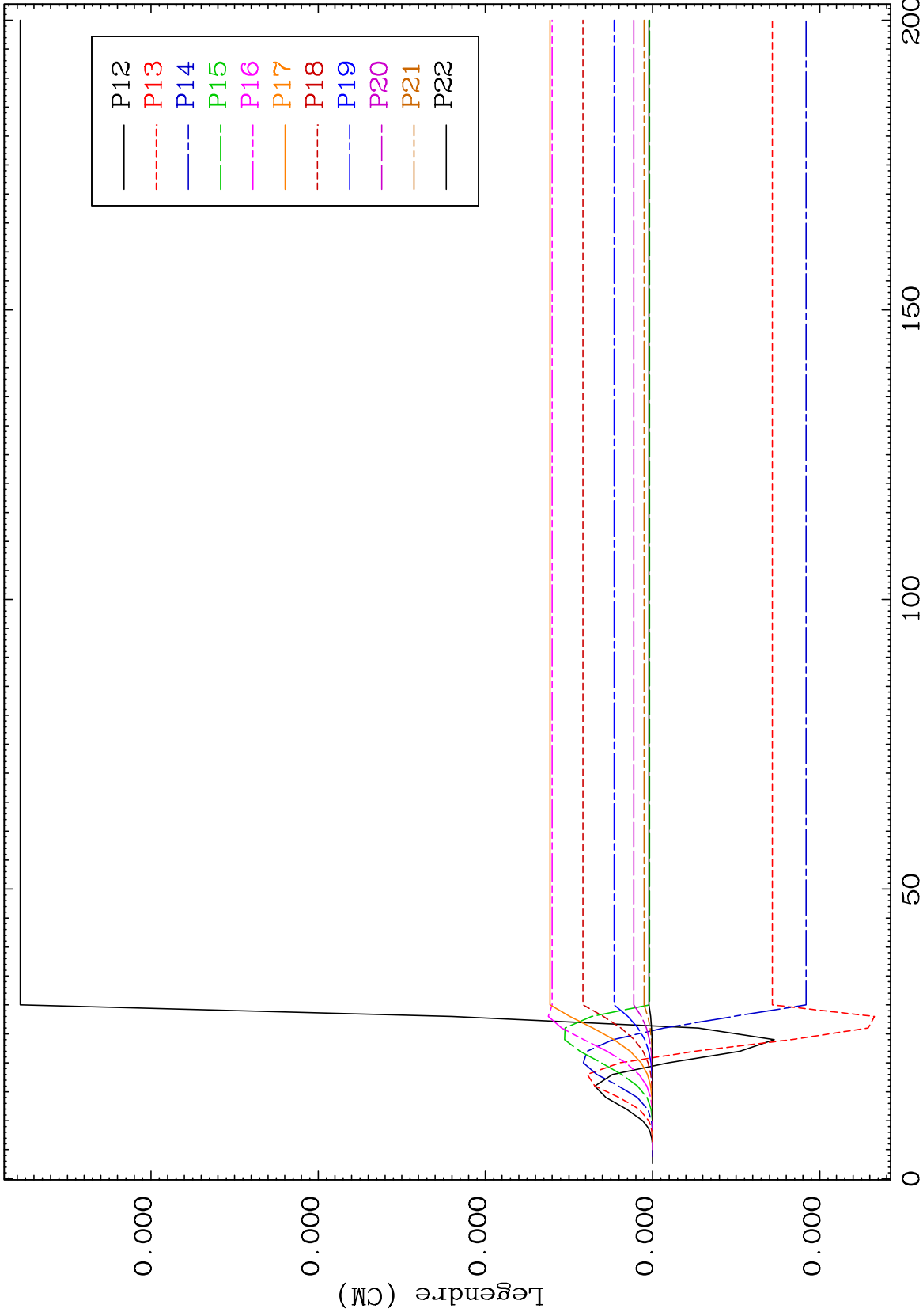
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



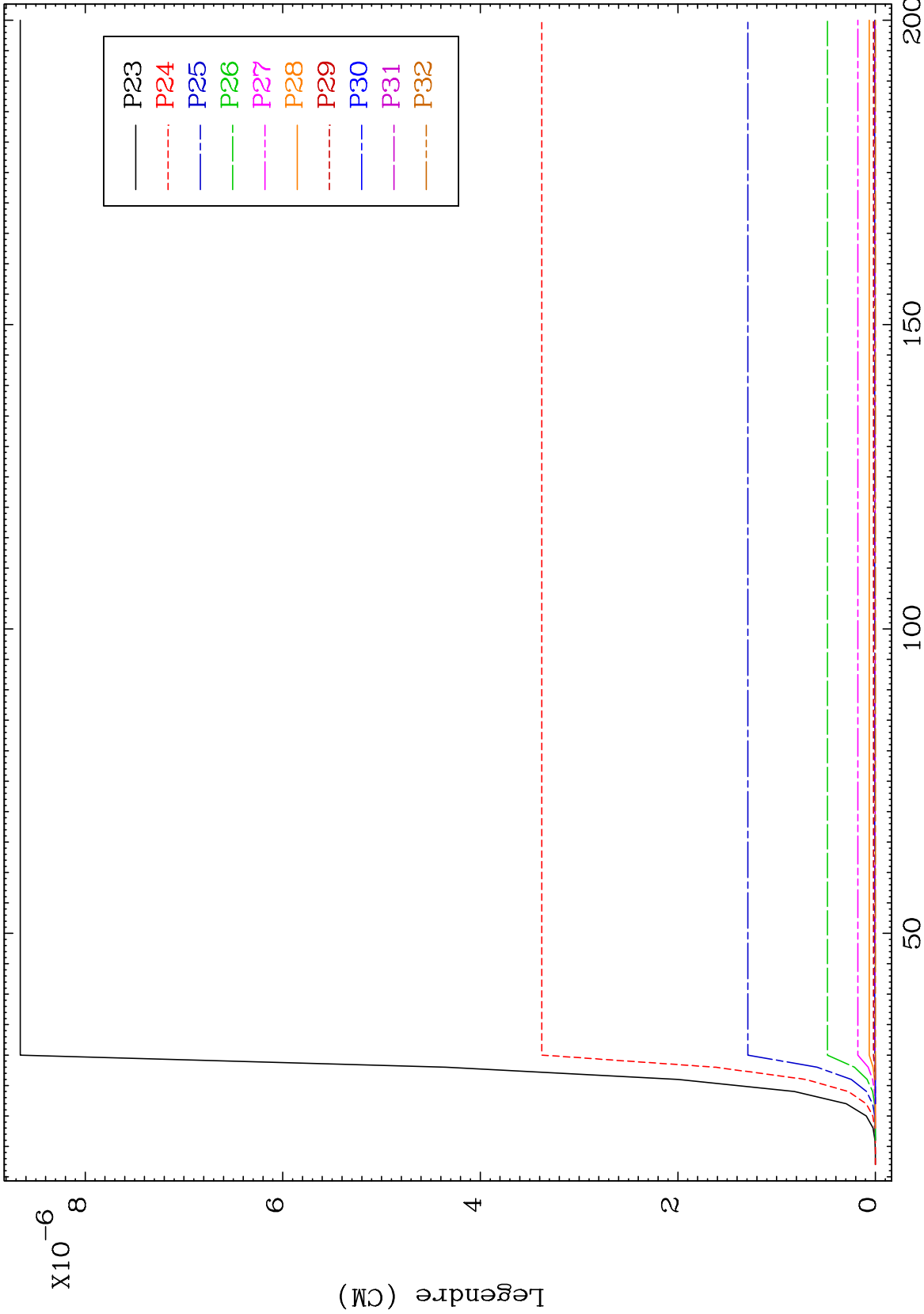
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27-Co-62

MAT 2734

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

27-Co-62



37

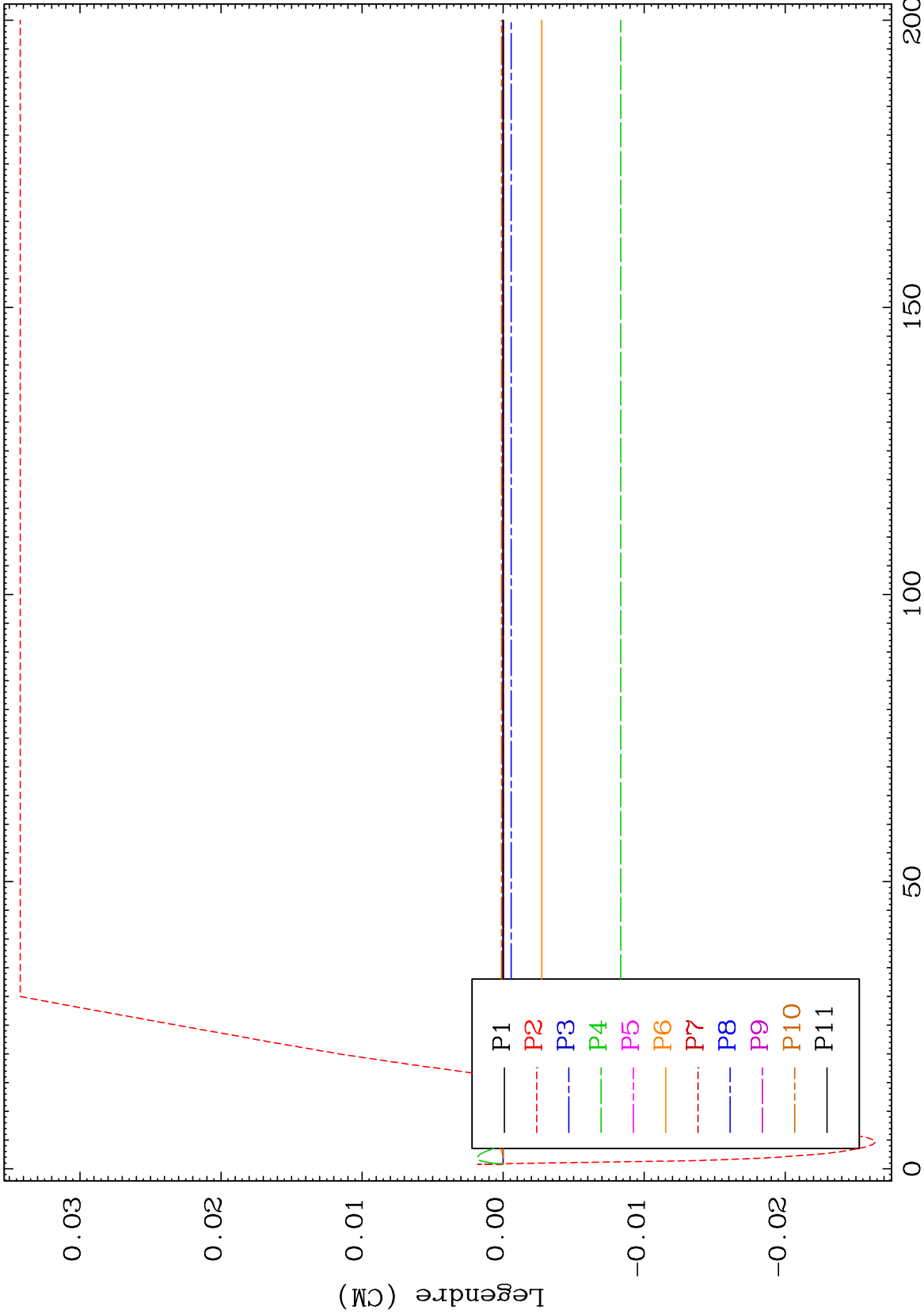
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



38

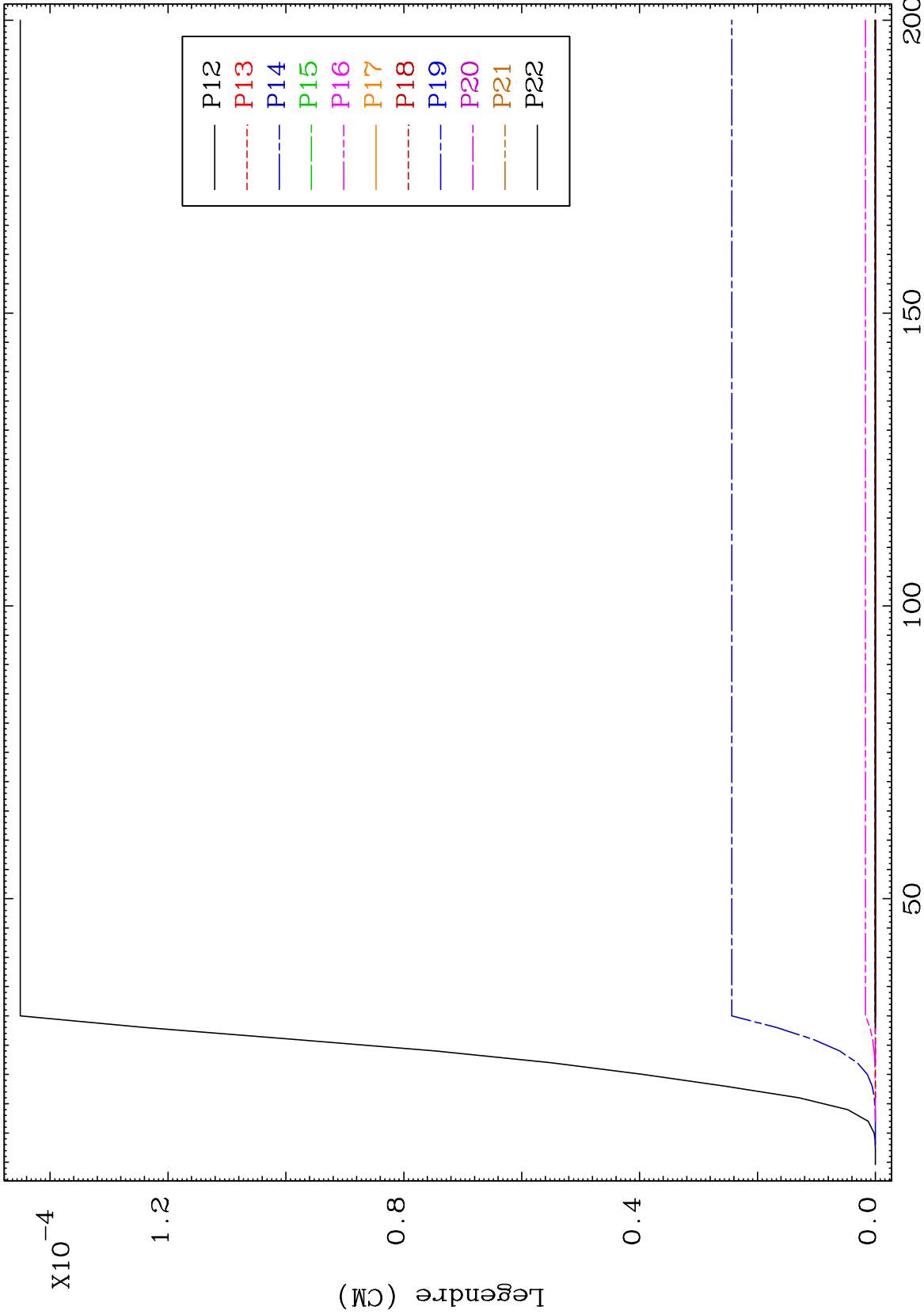
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62

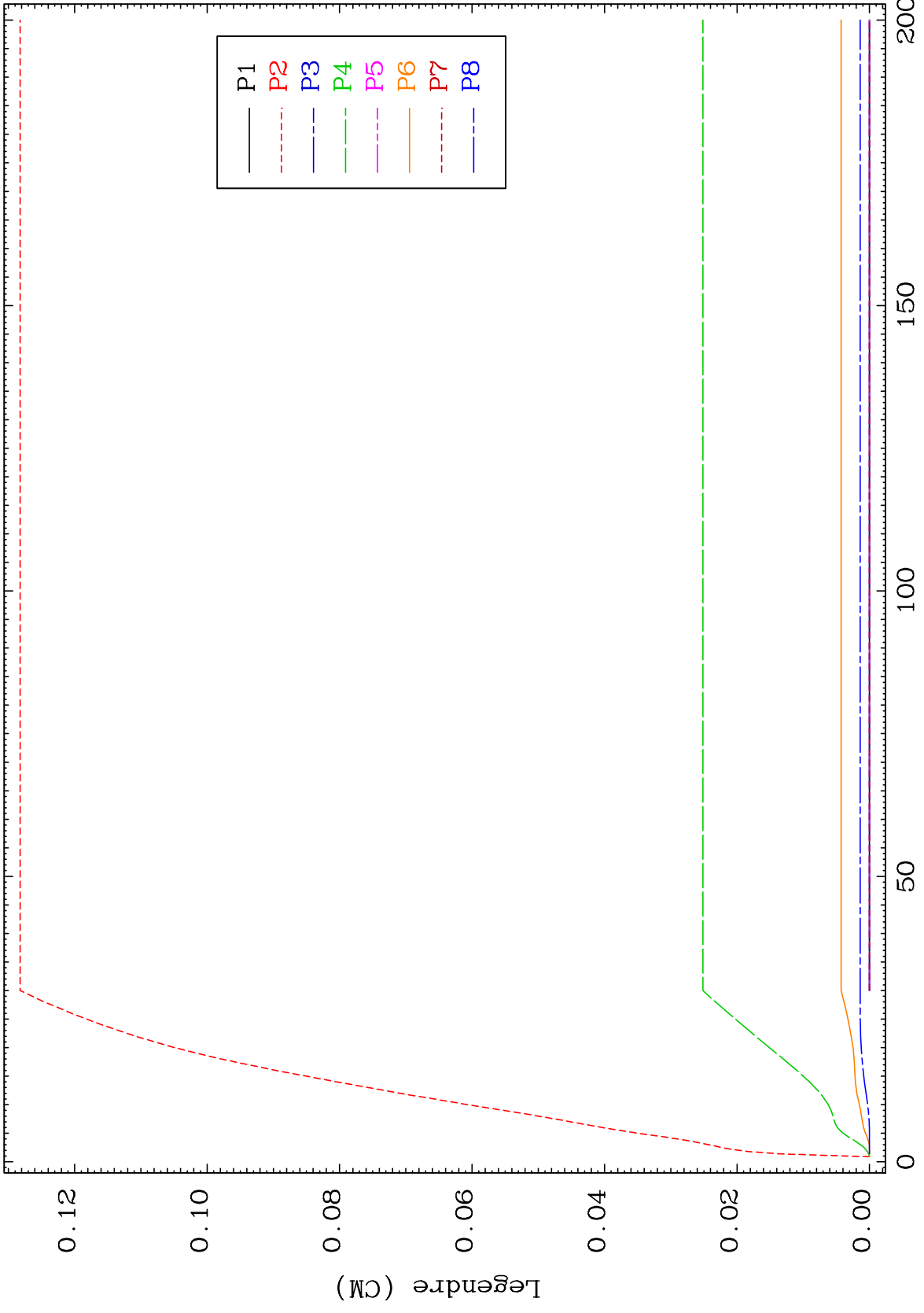


39

Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 59 (n,n') Level Legendre Coefficients 27-Co-62

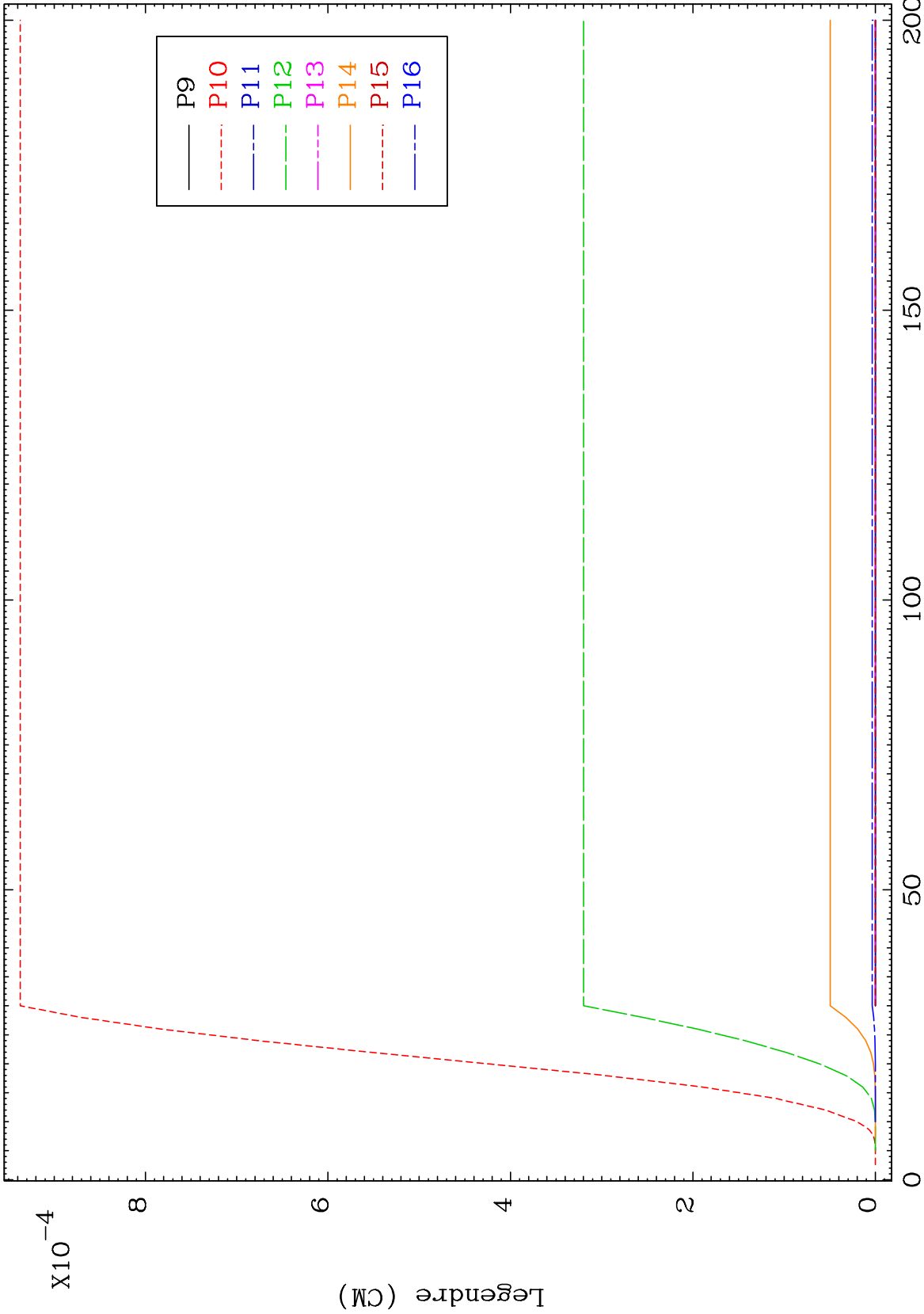


Legendre (CM) Incident Energy (MeV) 27-Co-62

MAT 2734

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

27-Co-62



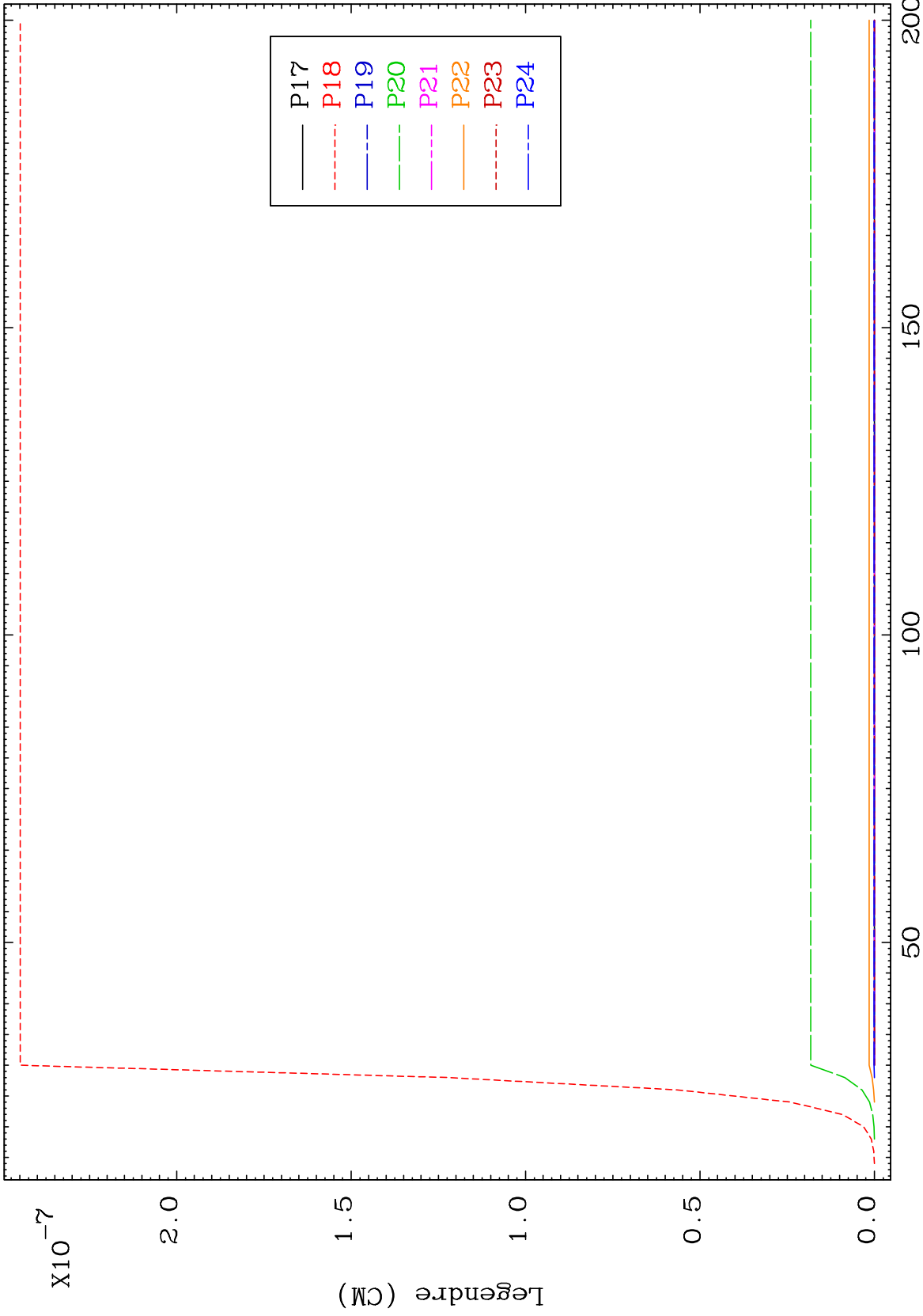
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27-Co-62

MAT 2734

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

27-Co-62



42

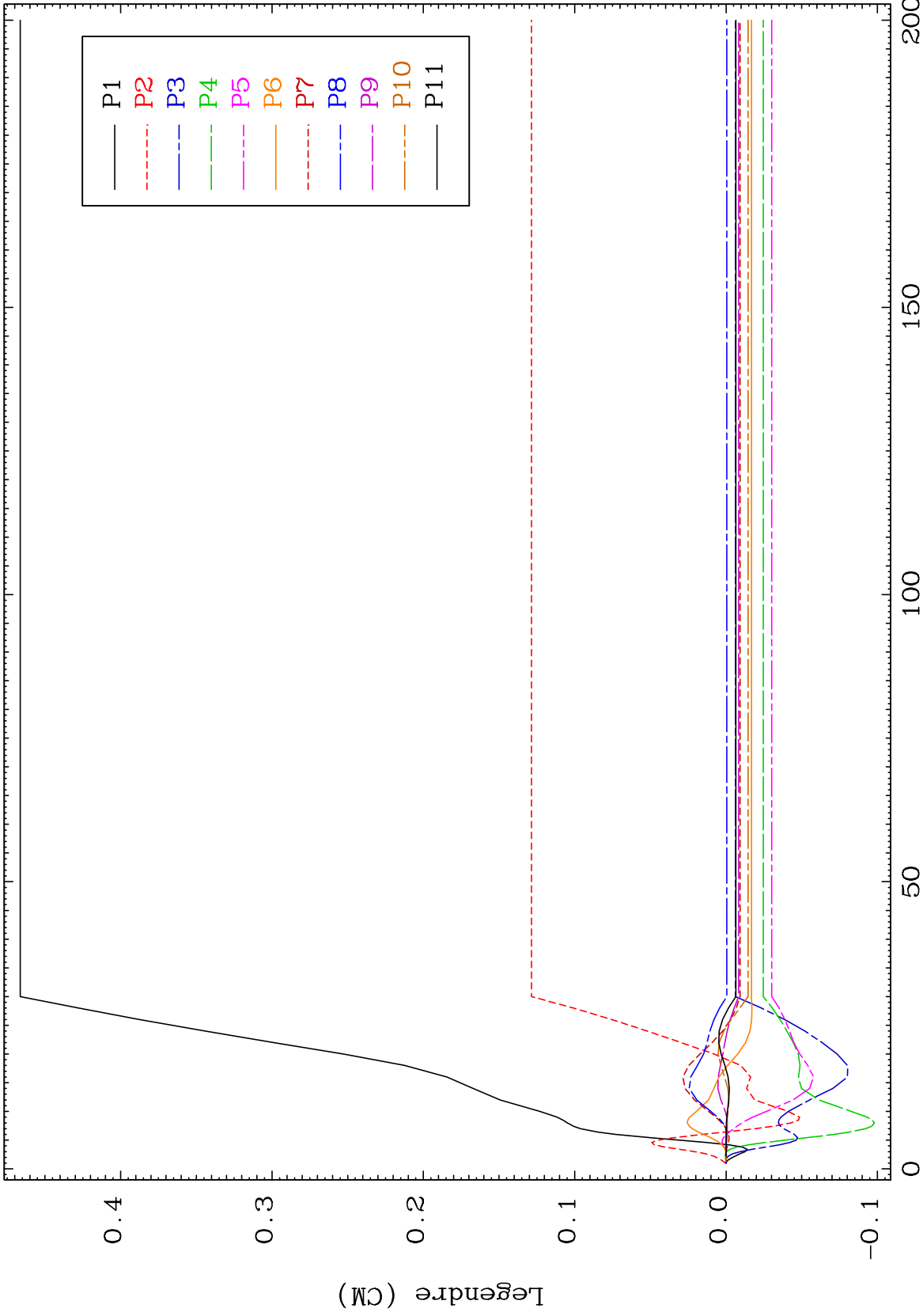
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



43

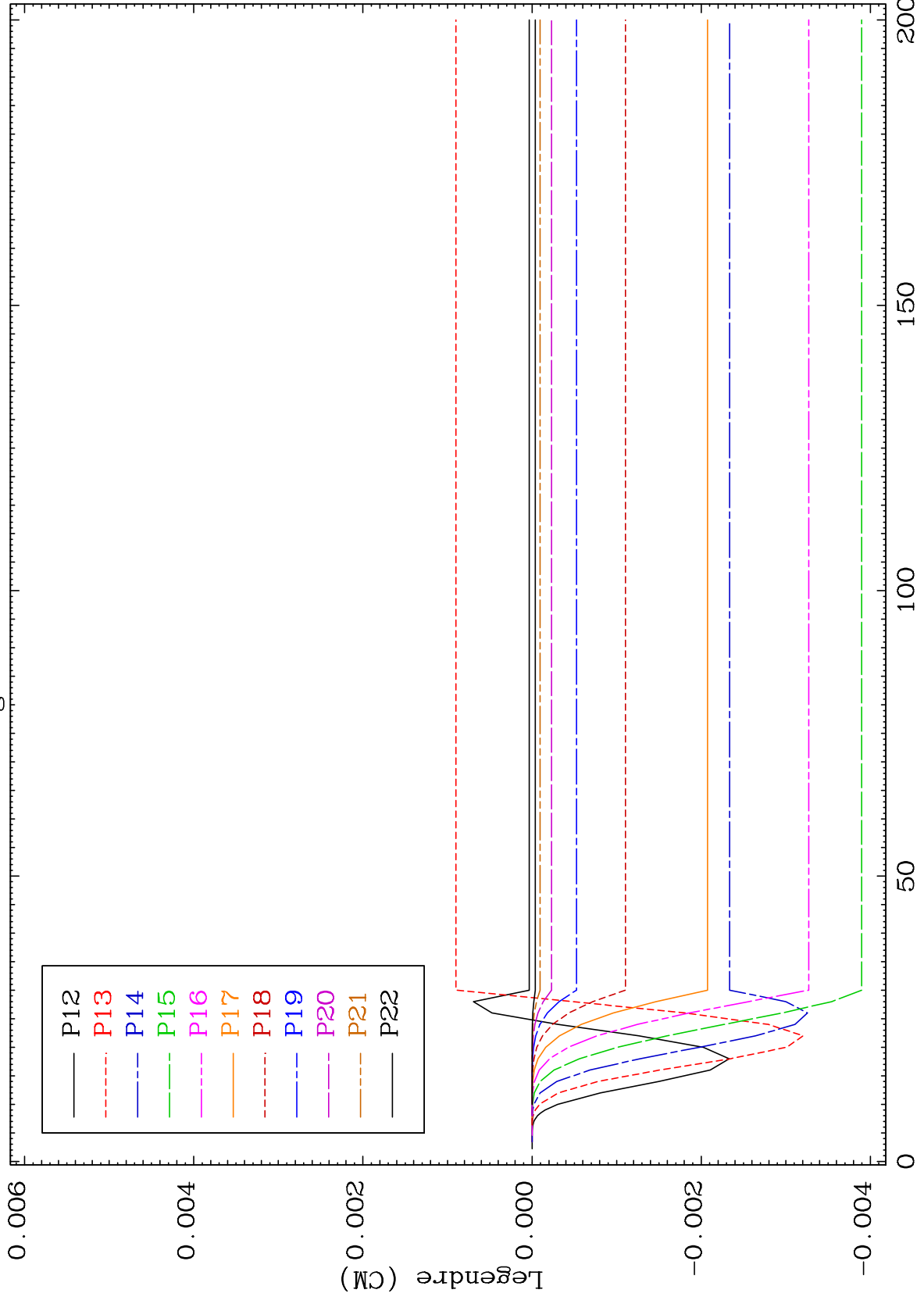
Incident Energy (MeV)

27-Co-62

MAT 2734

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

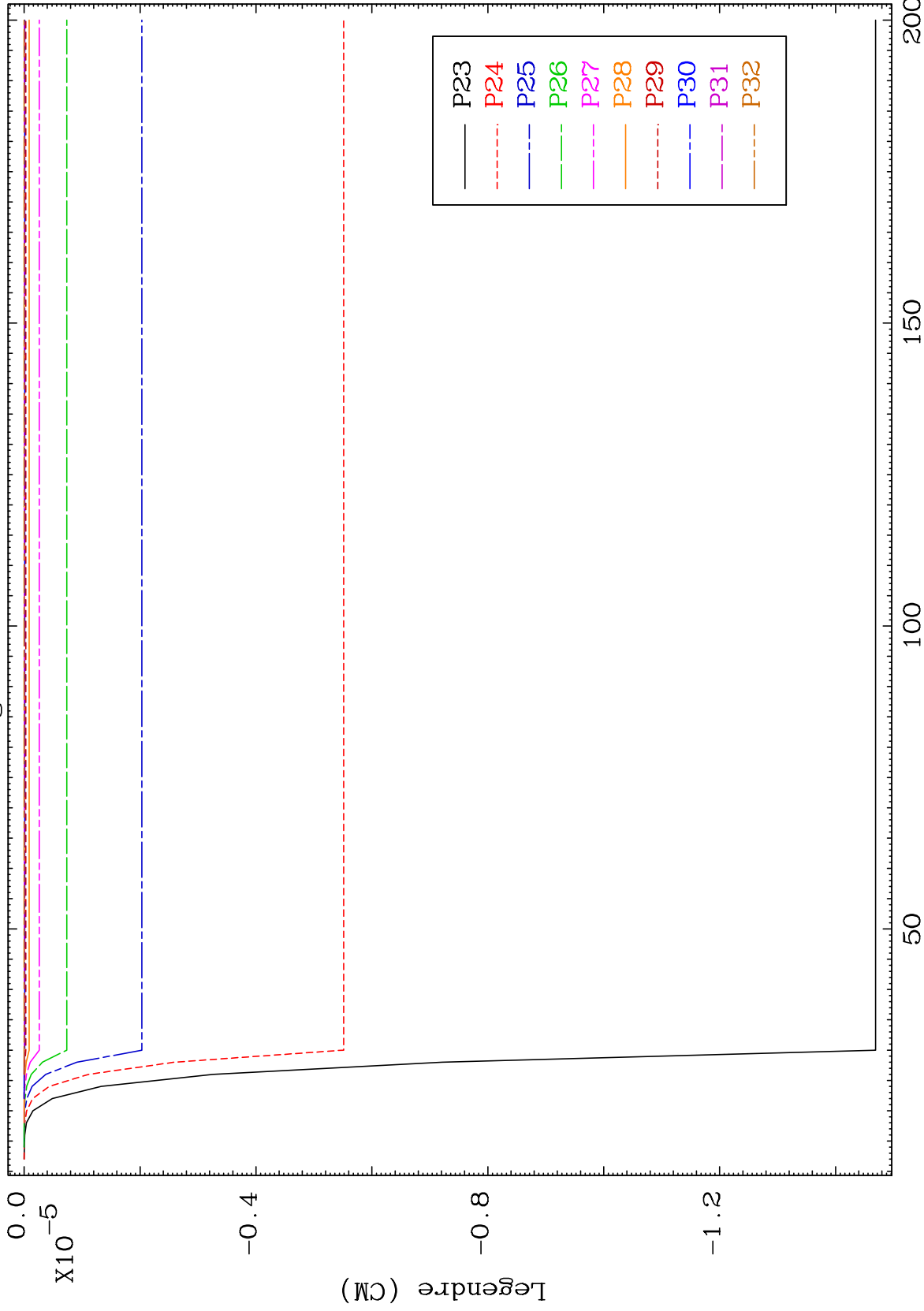
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MAT 2734

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

27-Co-62

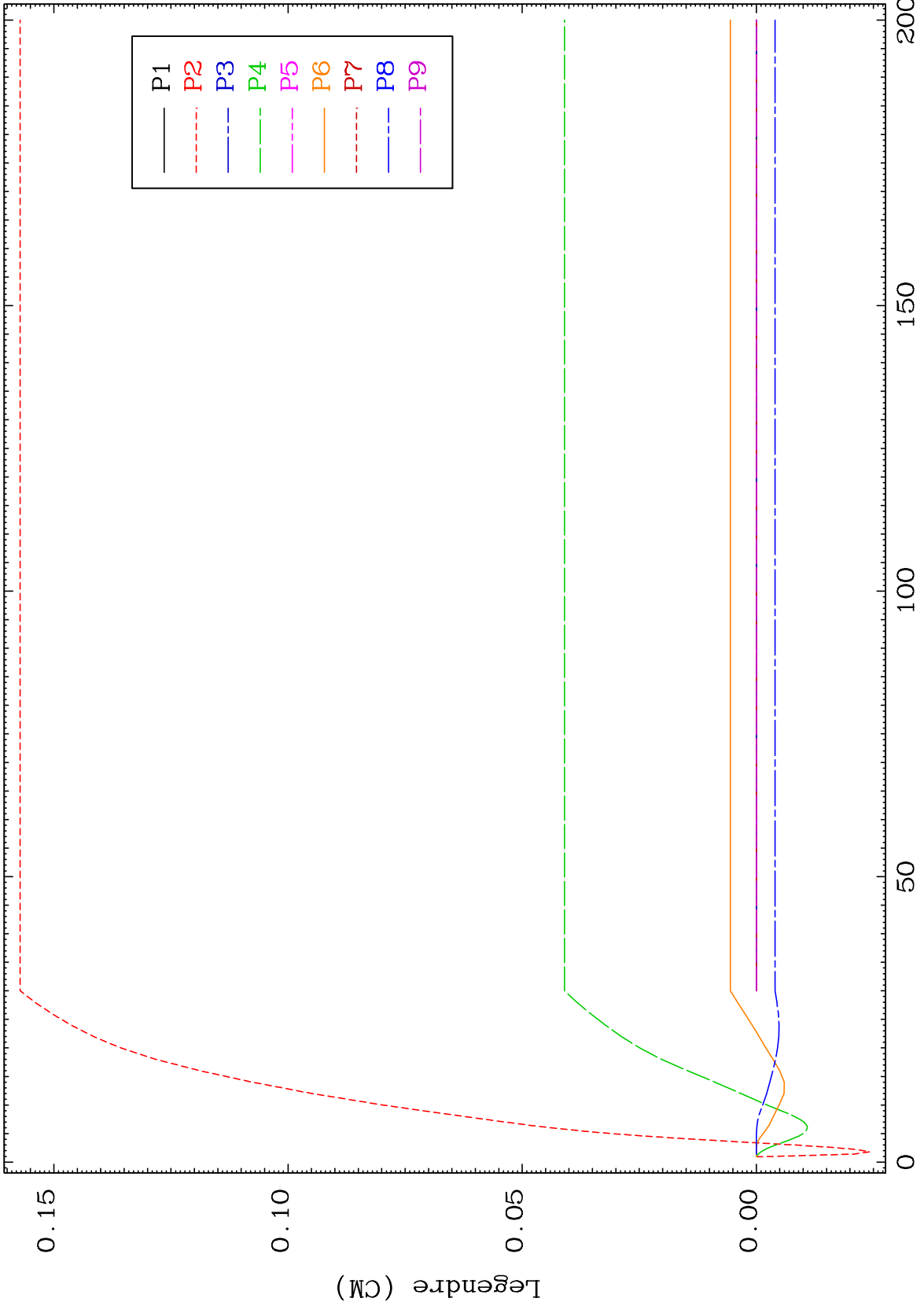


27-Co-62

Incident Energy (MeV)

45

MAT 2734 MT= 61 (n,n') Level Legendre Coefficients 27-Co-62

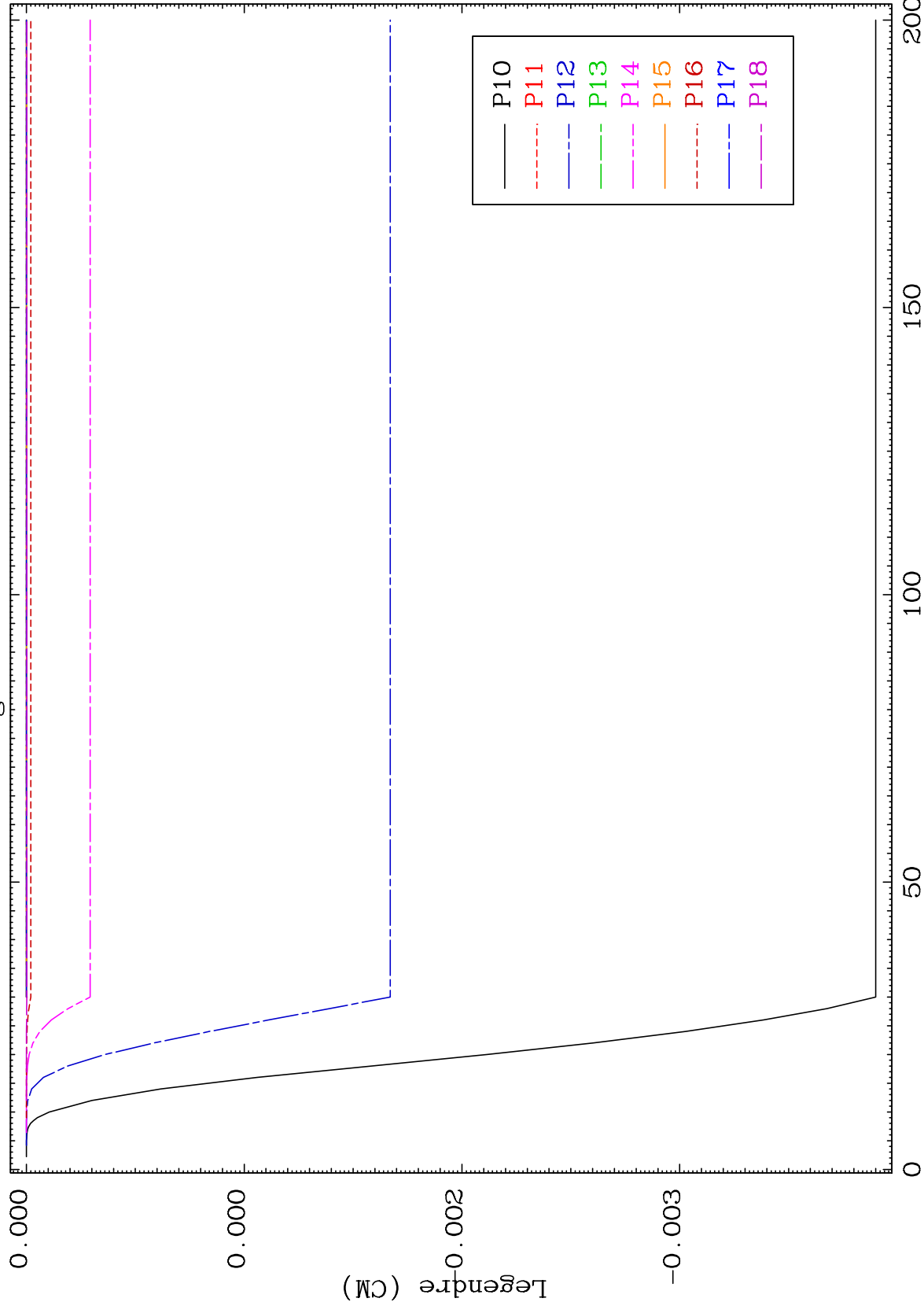


46 27-Co-62

MAT 2734

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

27-Co-62



47

Incident Energy (MeV)

27-Co-62

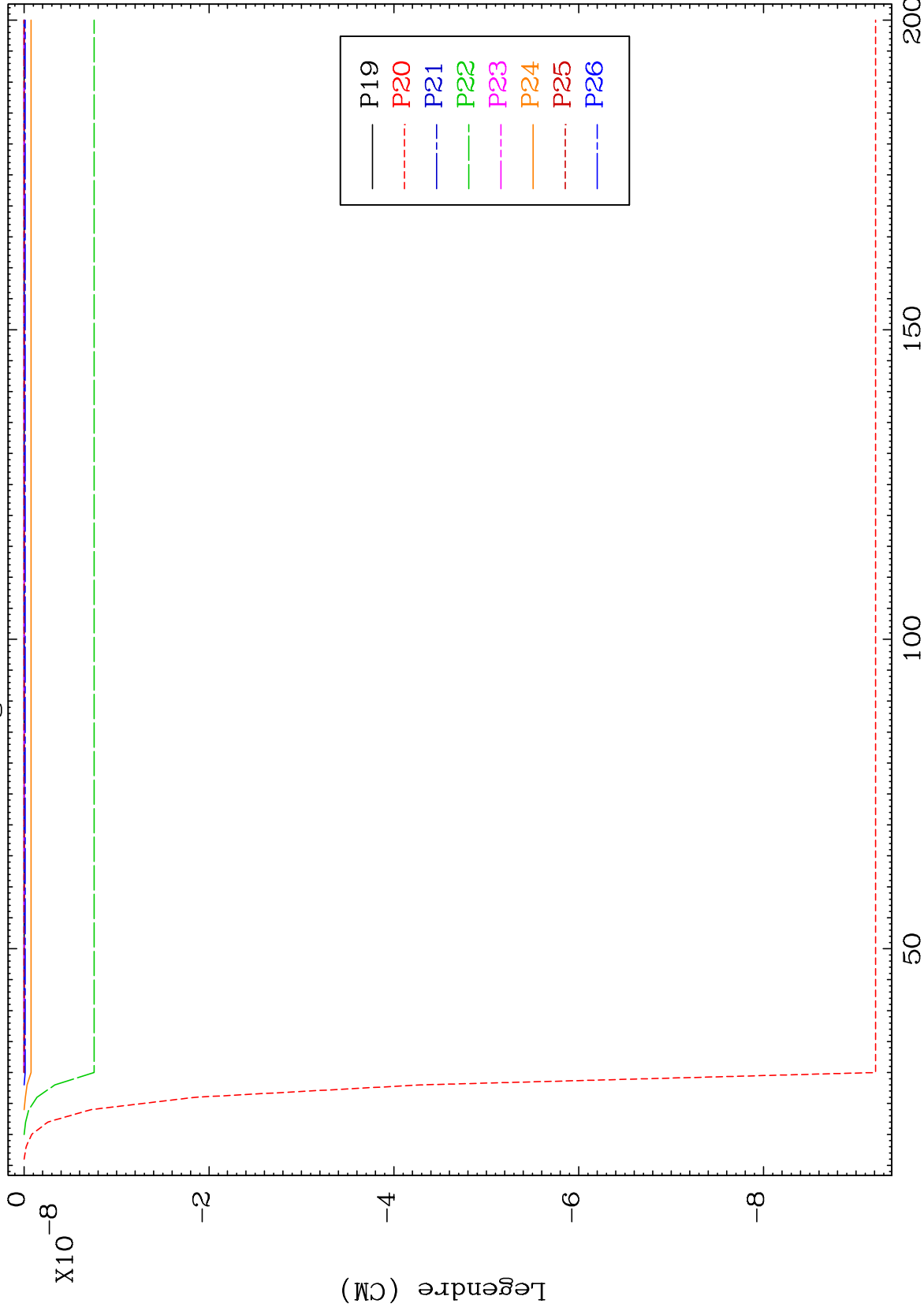
MAT 2734

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

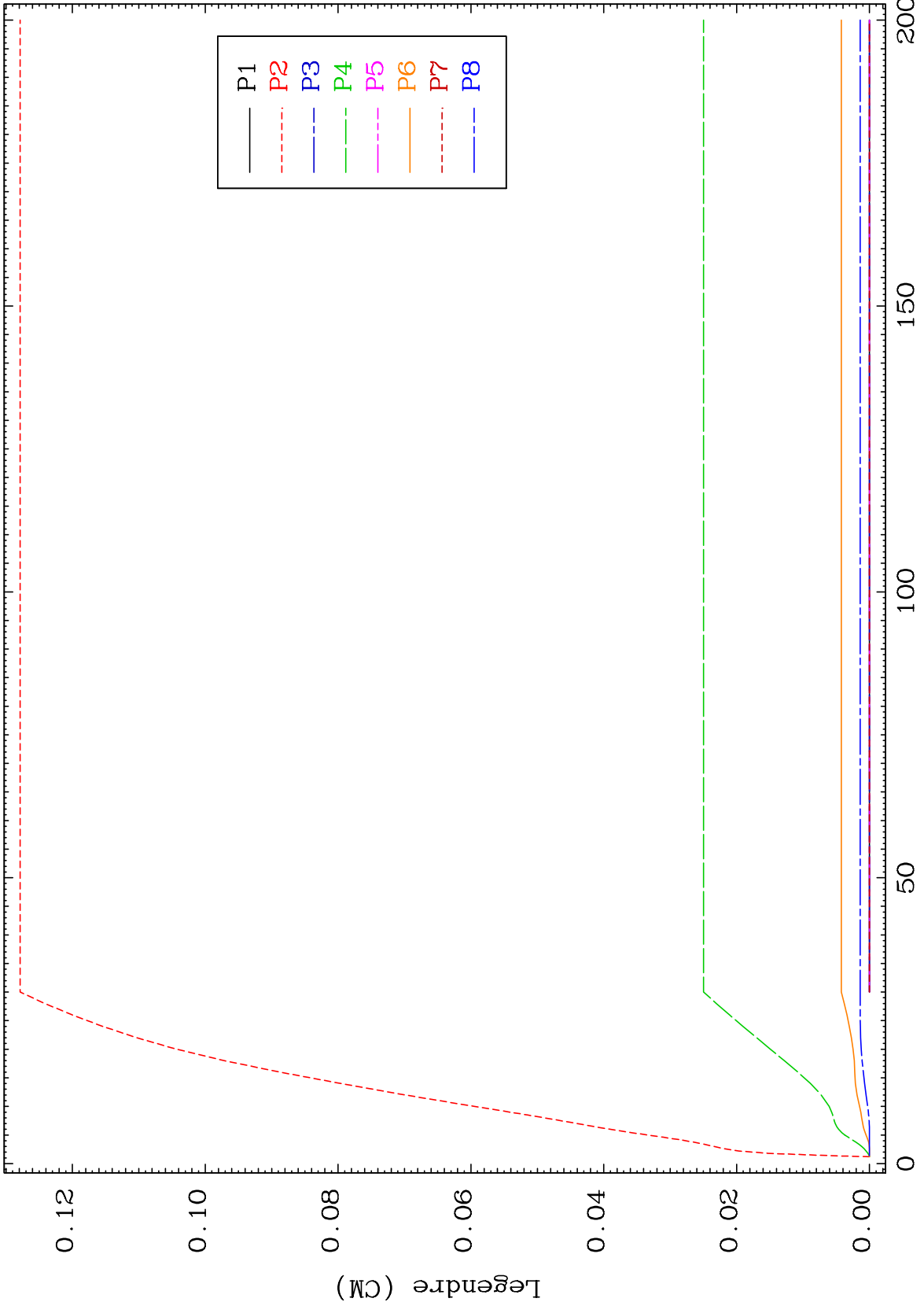
27-Co-62

Incident Energy (MeV)

48



MAT 2734 MT= 62 (n,n') Level Legendre Coefficients 27-Co-62

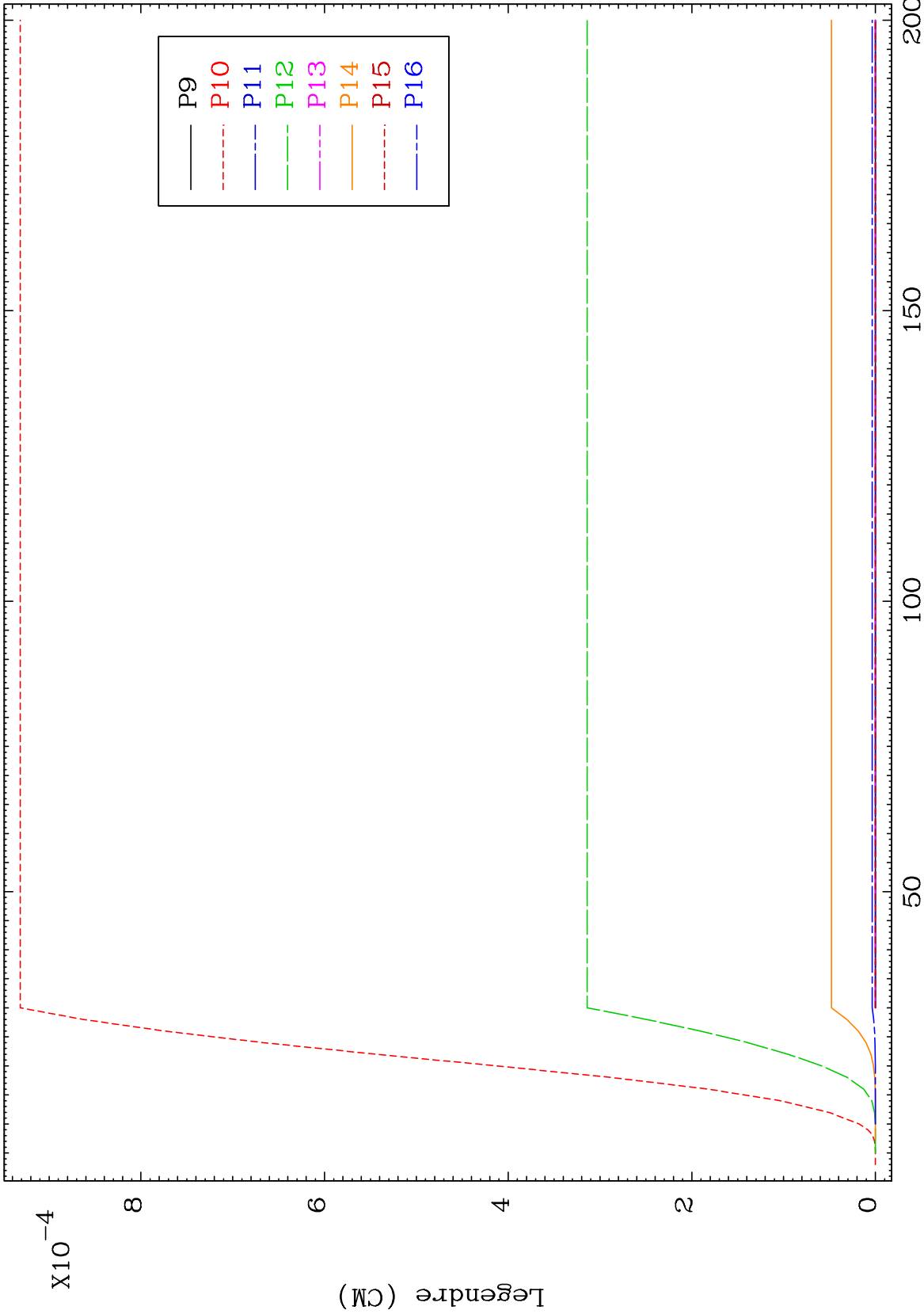


49 27-Co-62

MAT 2734

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

27-Co-62



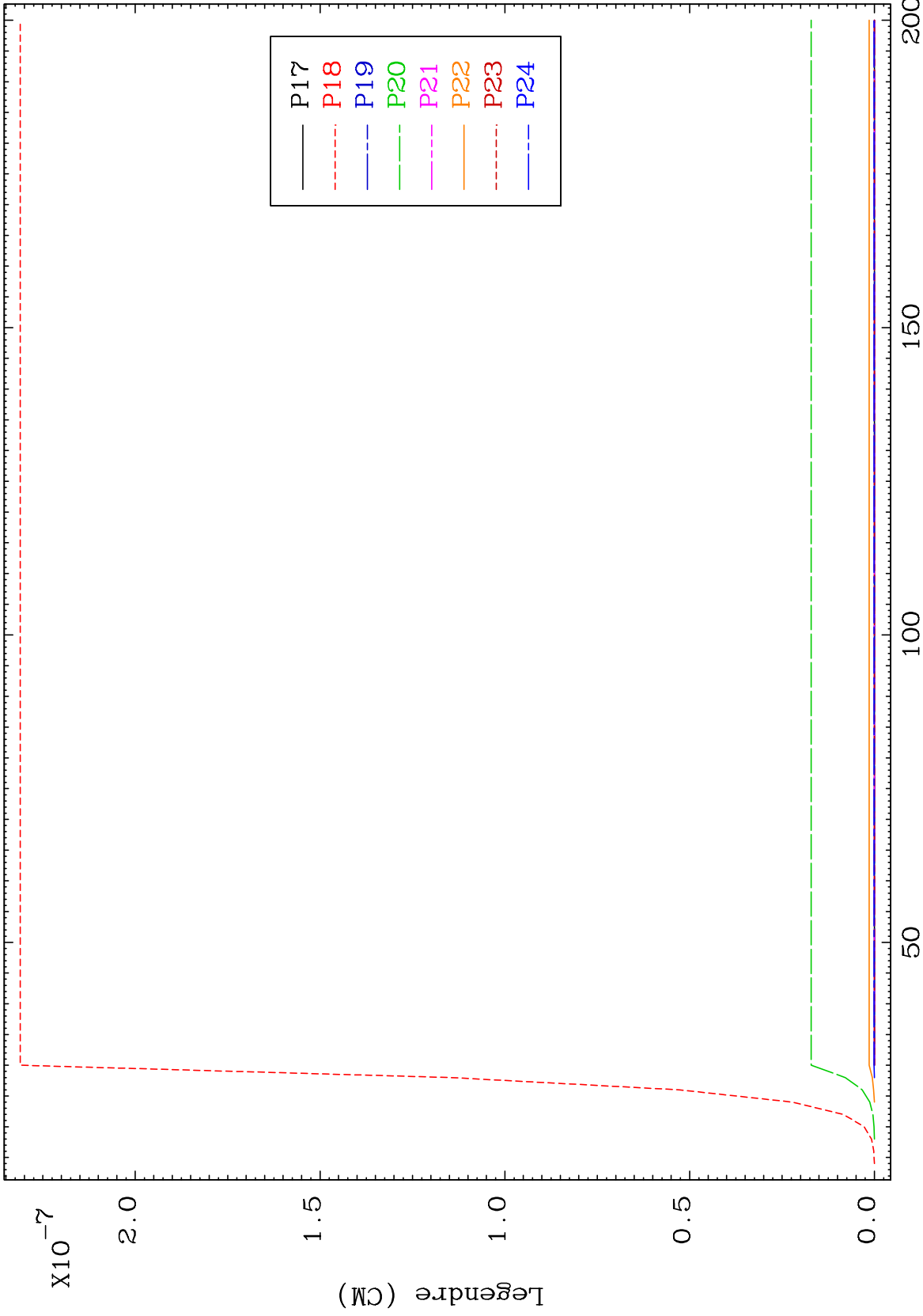
27-Co-62

Incident Energy (MeV)

MAT 2734

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

27-Co-62



51

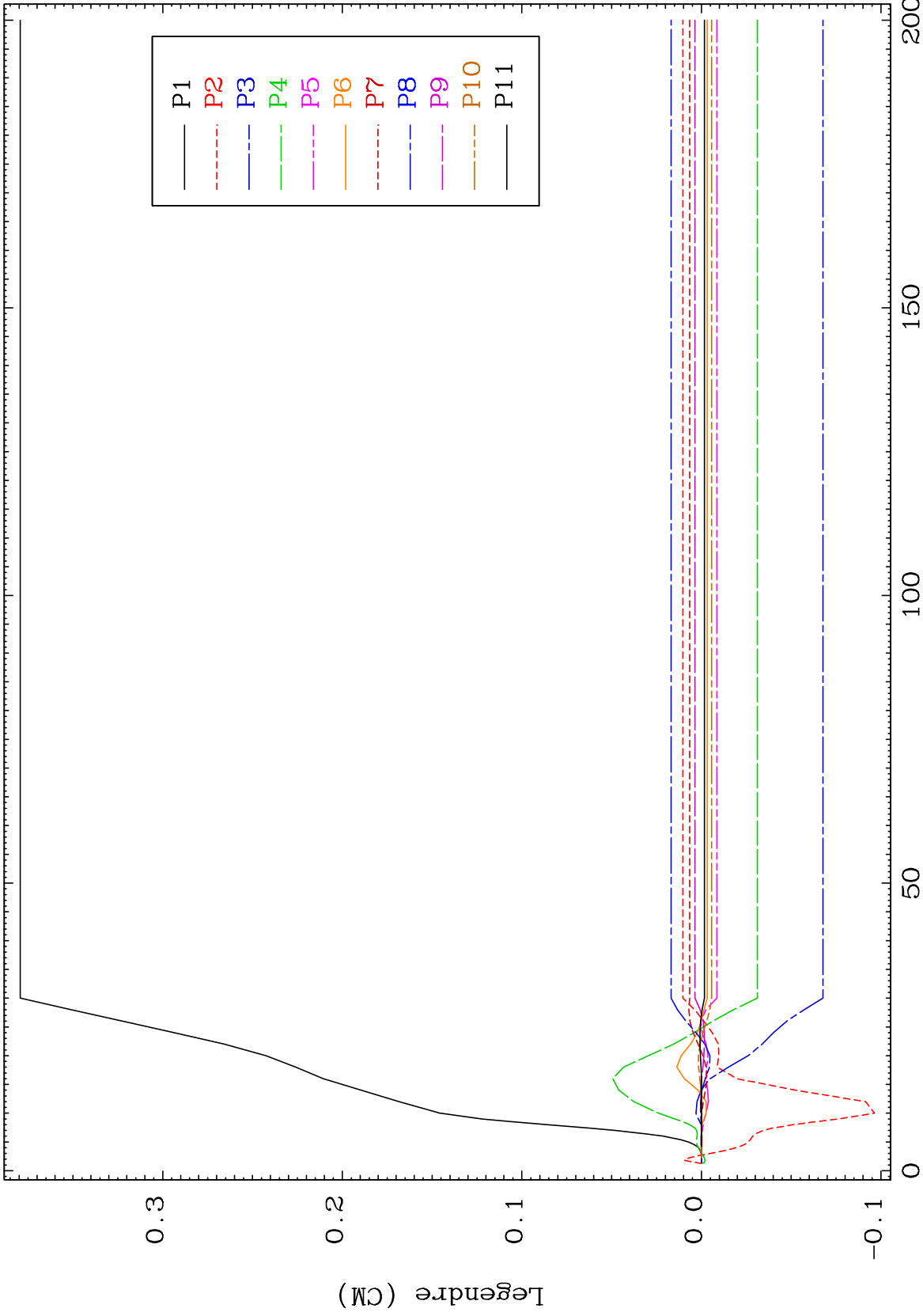
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



52

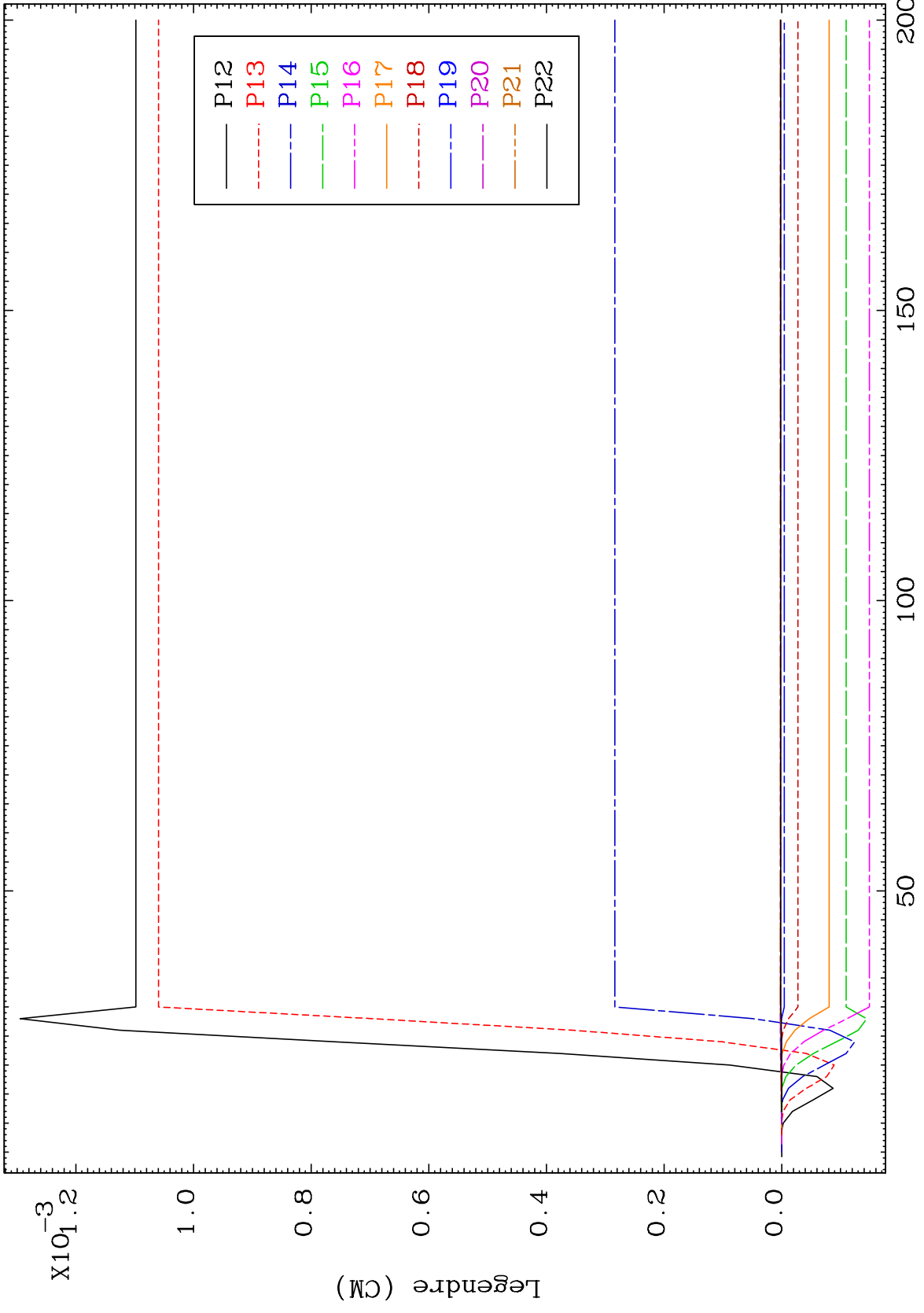
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



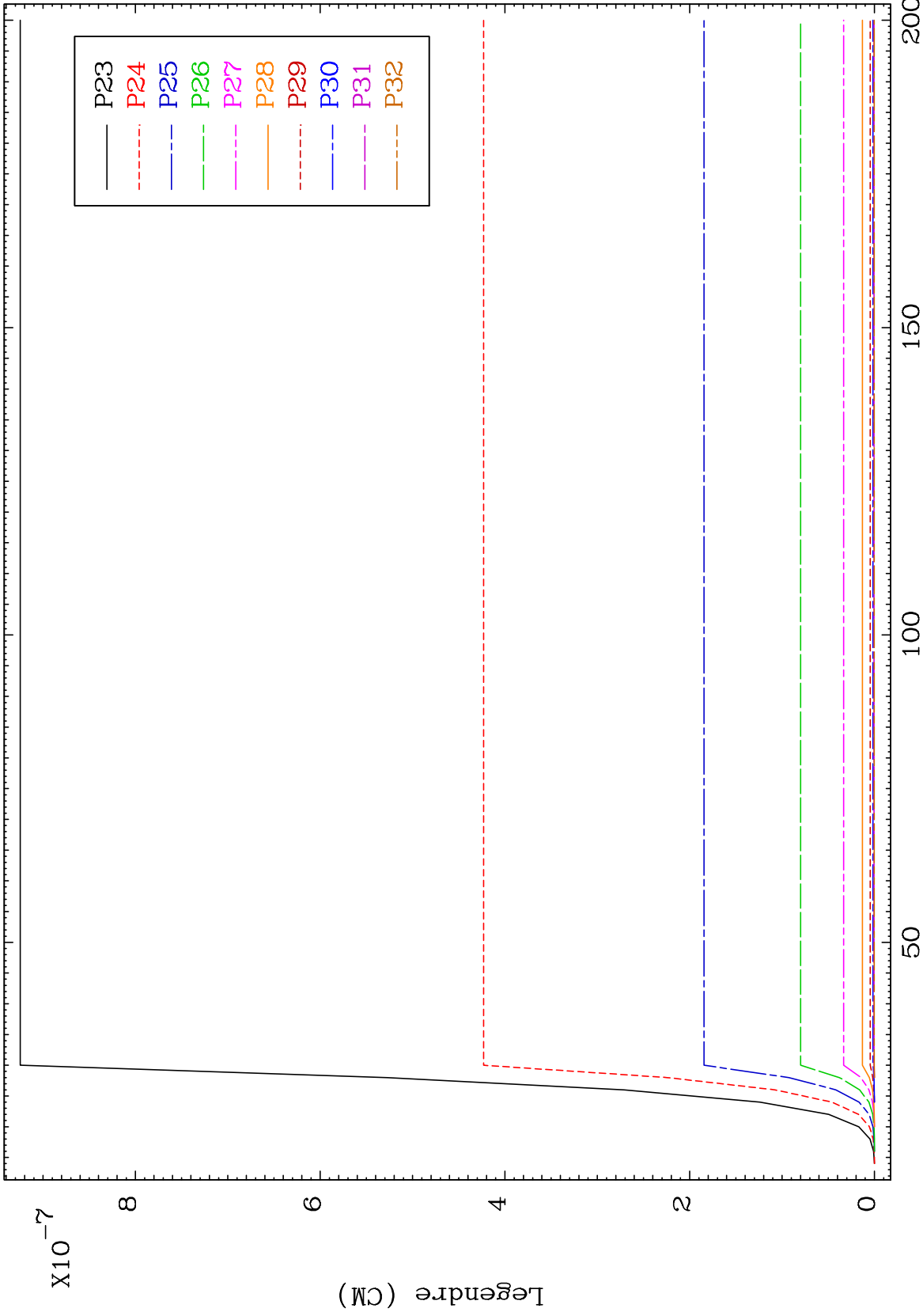
53

27-Co-62

MAT 2734

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

27-Co-62



54

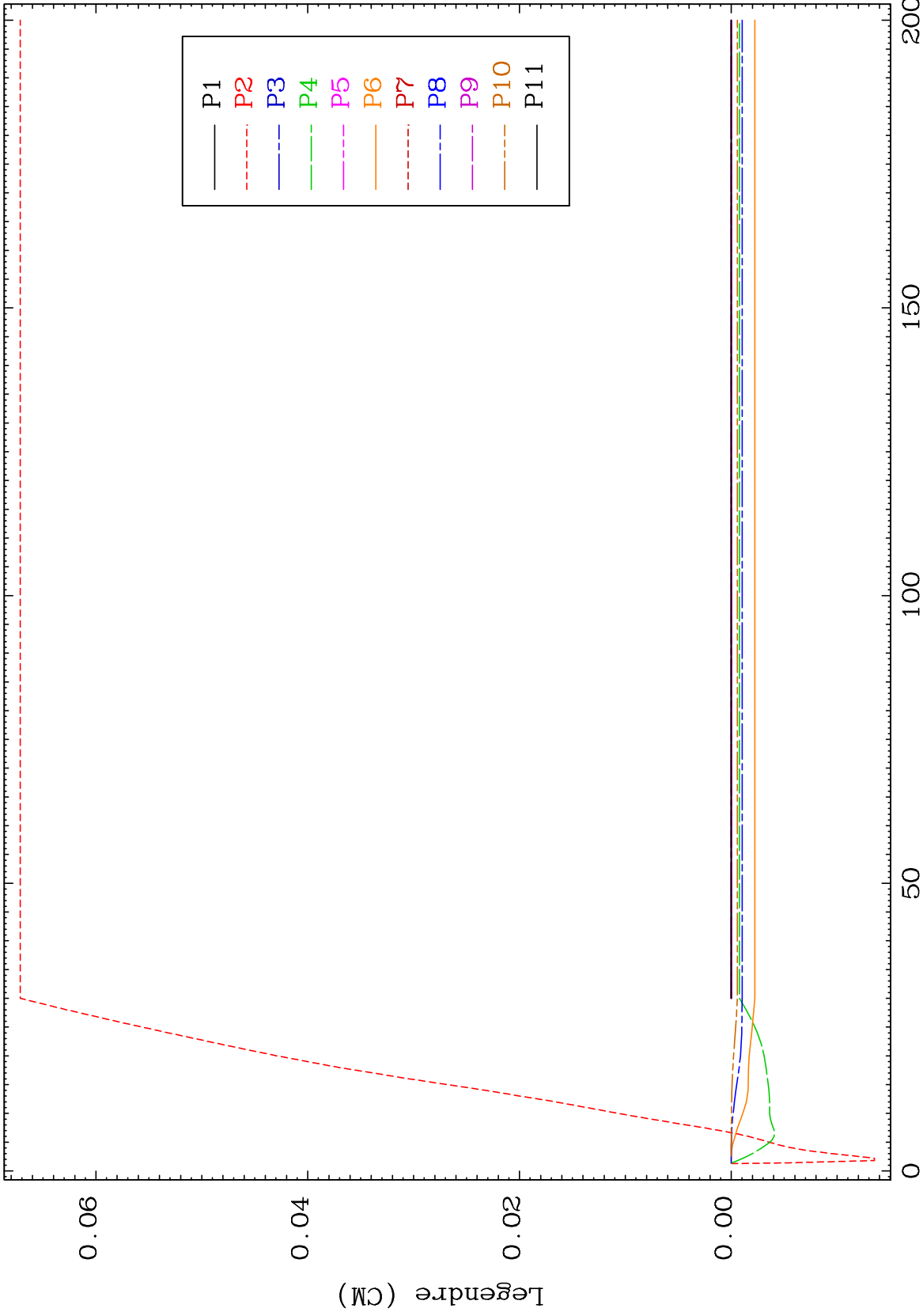
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



55

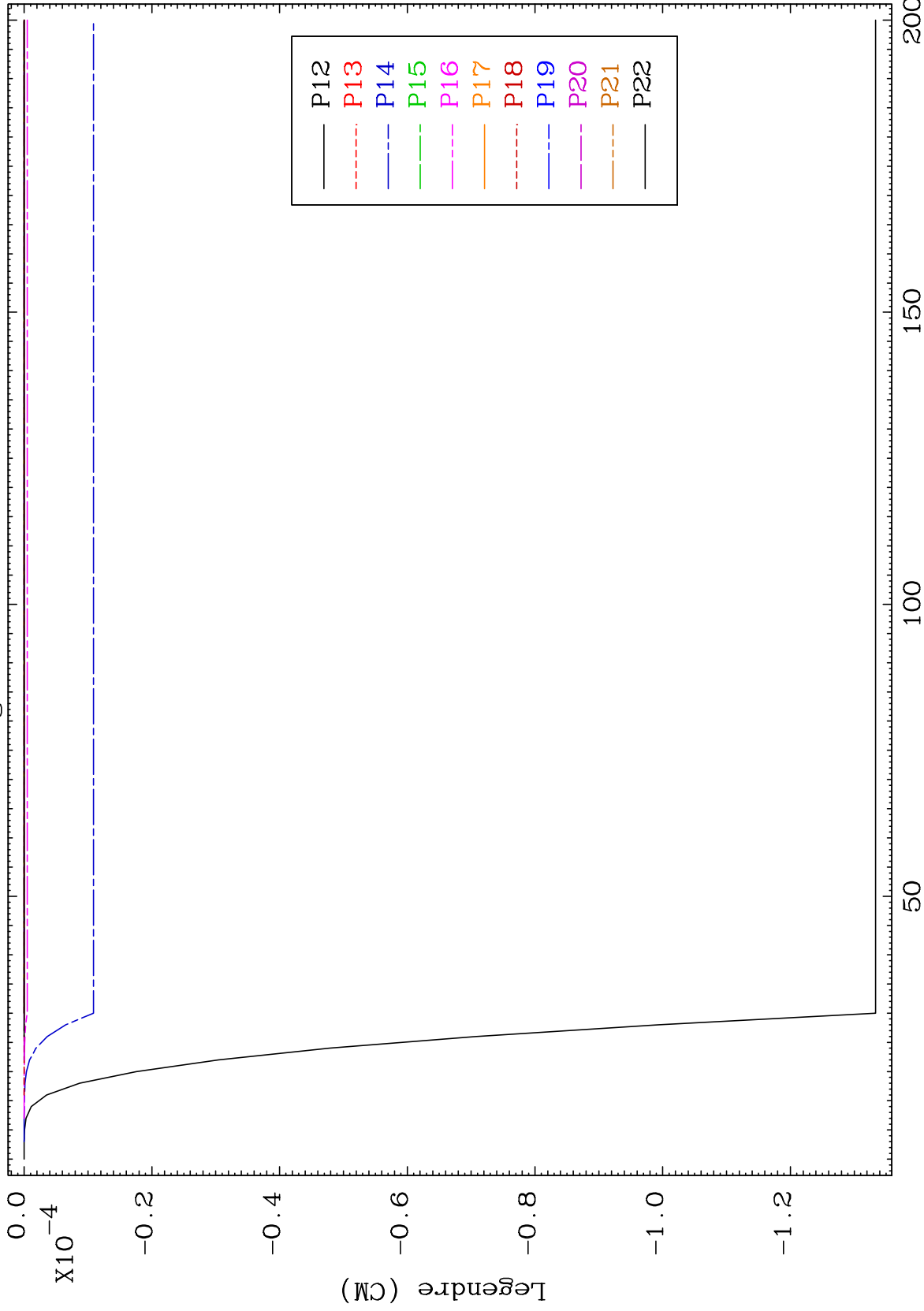
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



56

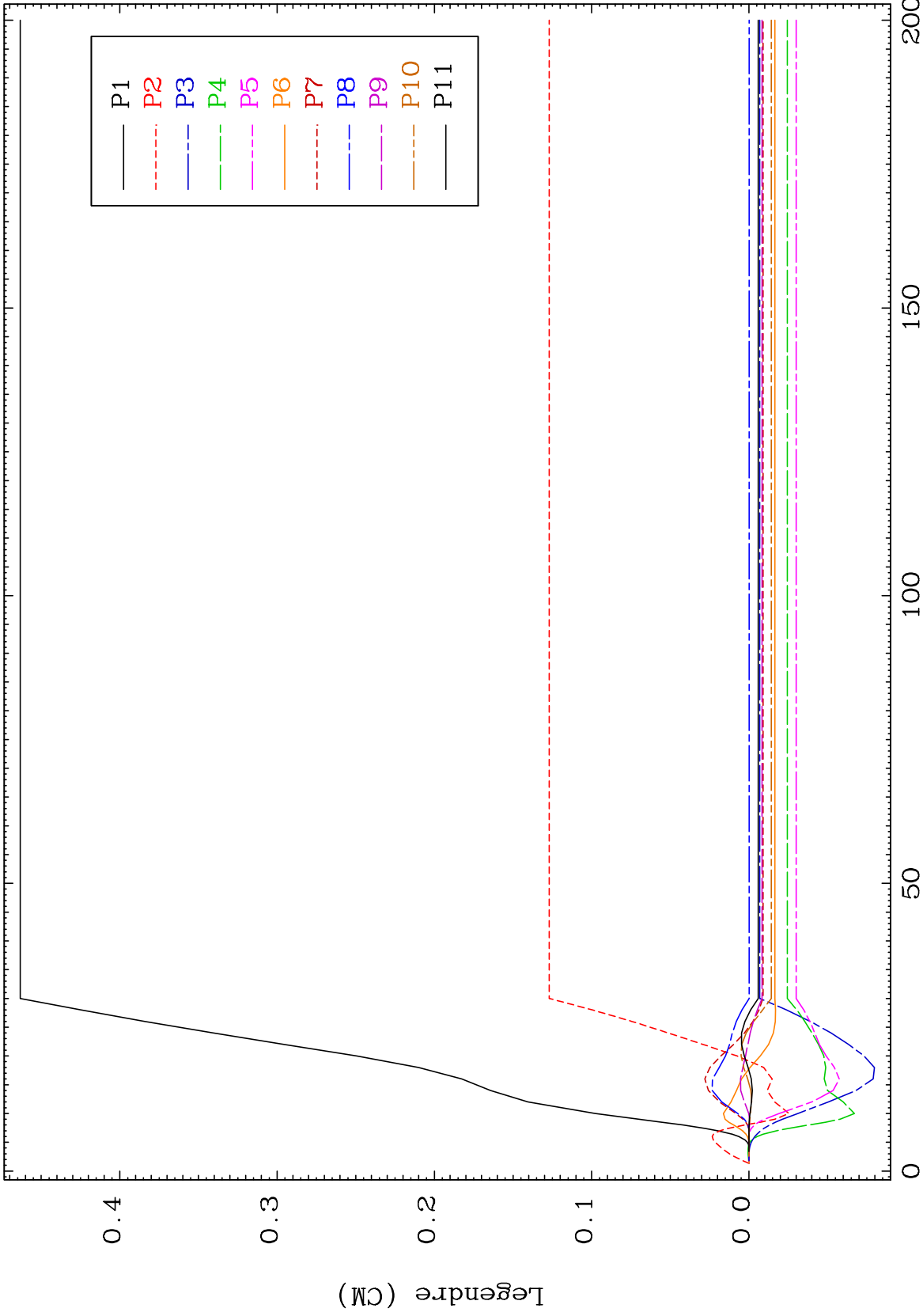
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



57

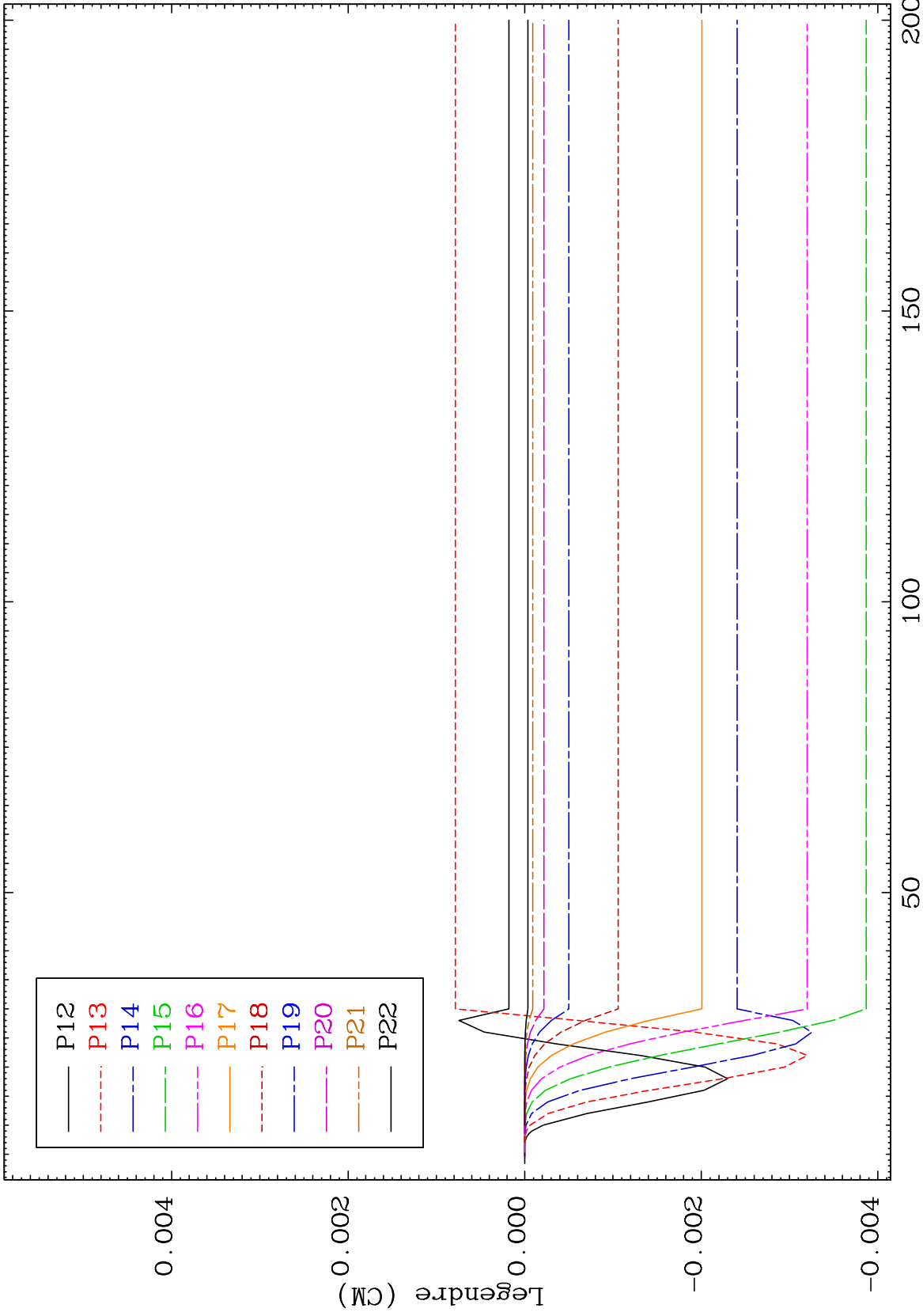
Incident Energy (MeV)

27-Co-62

MAT 2734

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

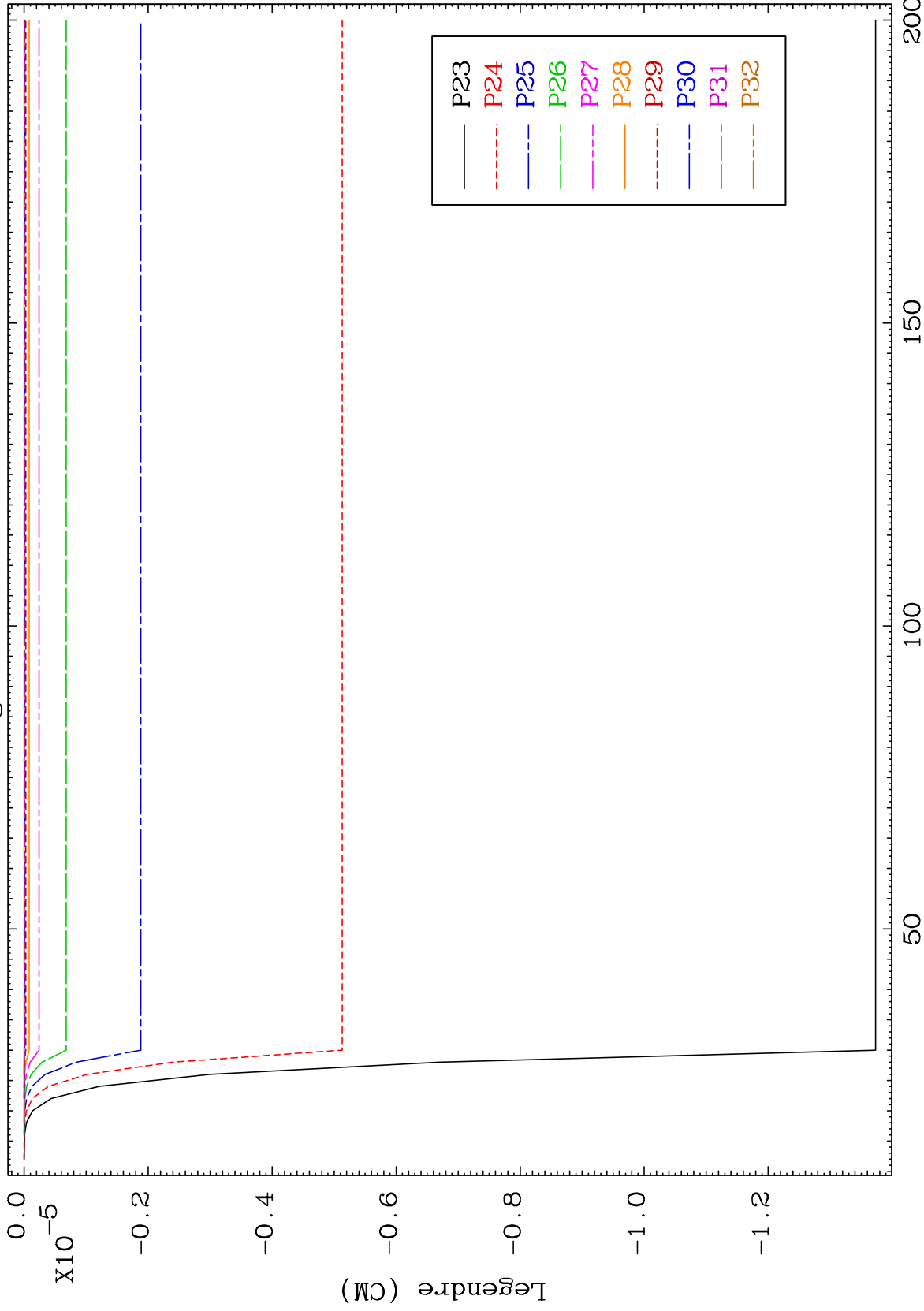
27-Co-62



58

Incident Energy (MeV)

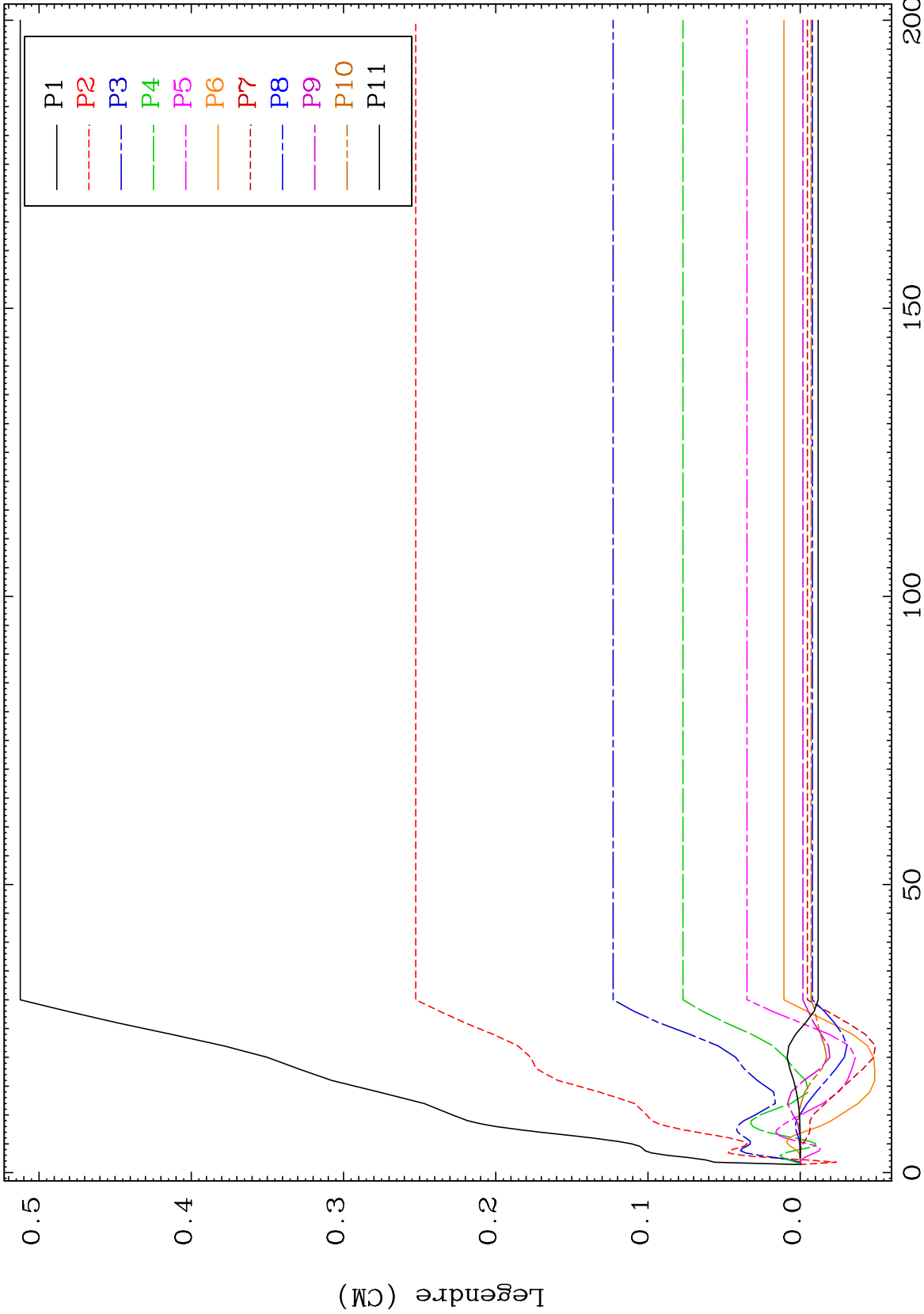
27-Co-62



MAT 2734

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

27-Co-62



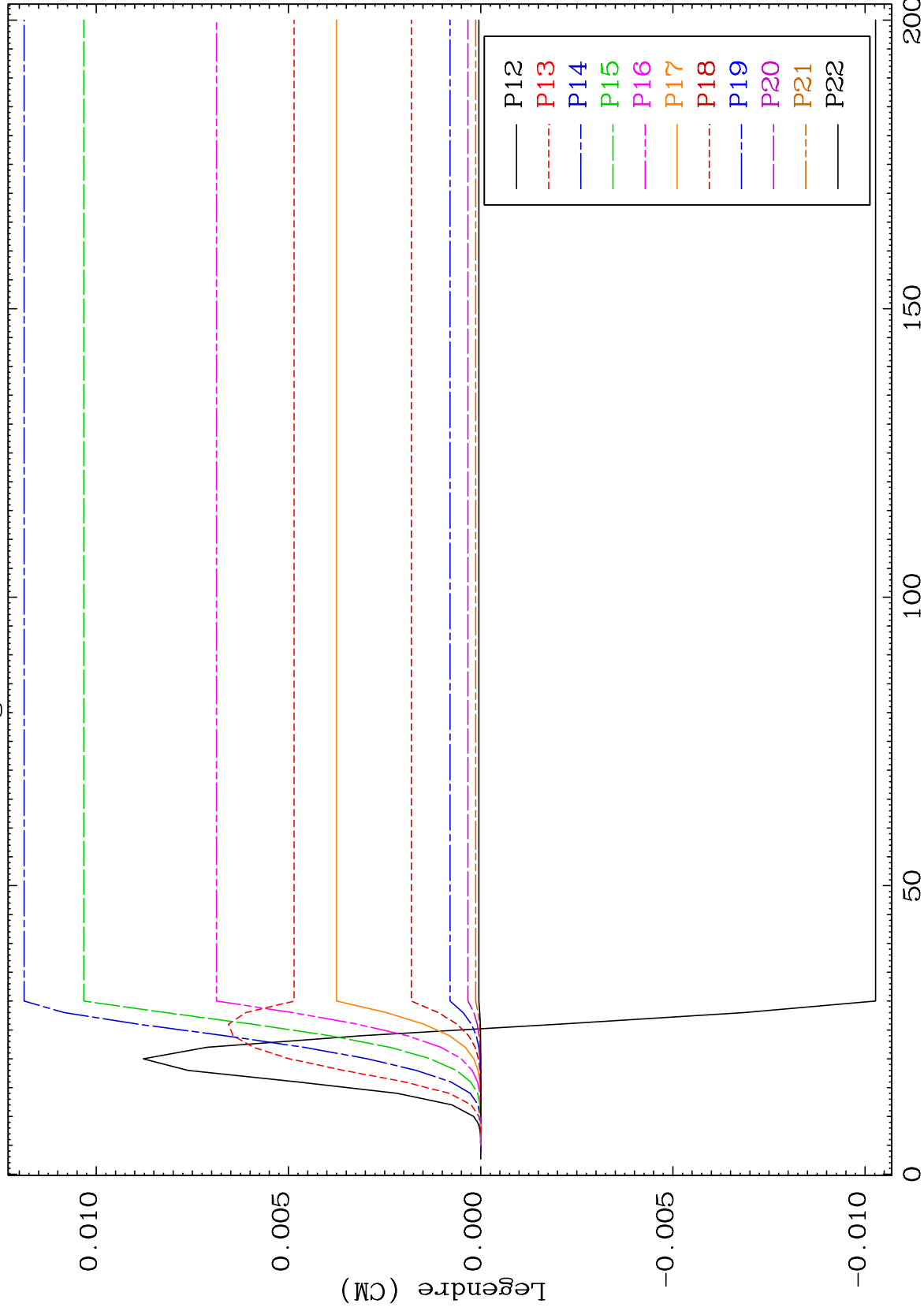
27-Co-62

Incident Energy (MeV)

MAT 2734

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

27-Co-62



61

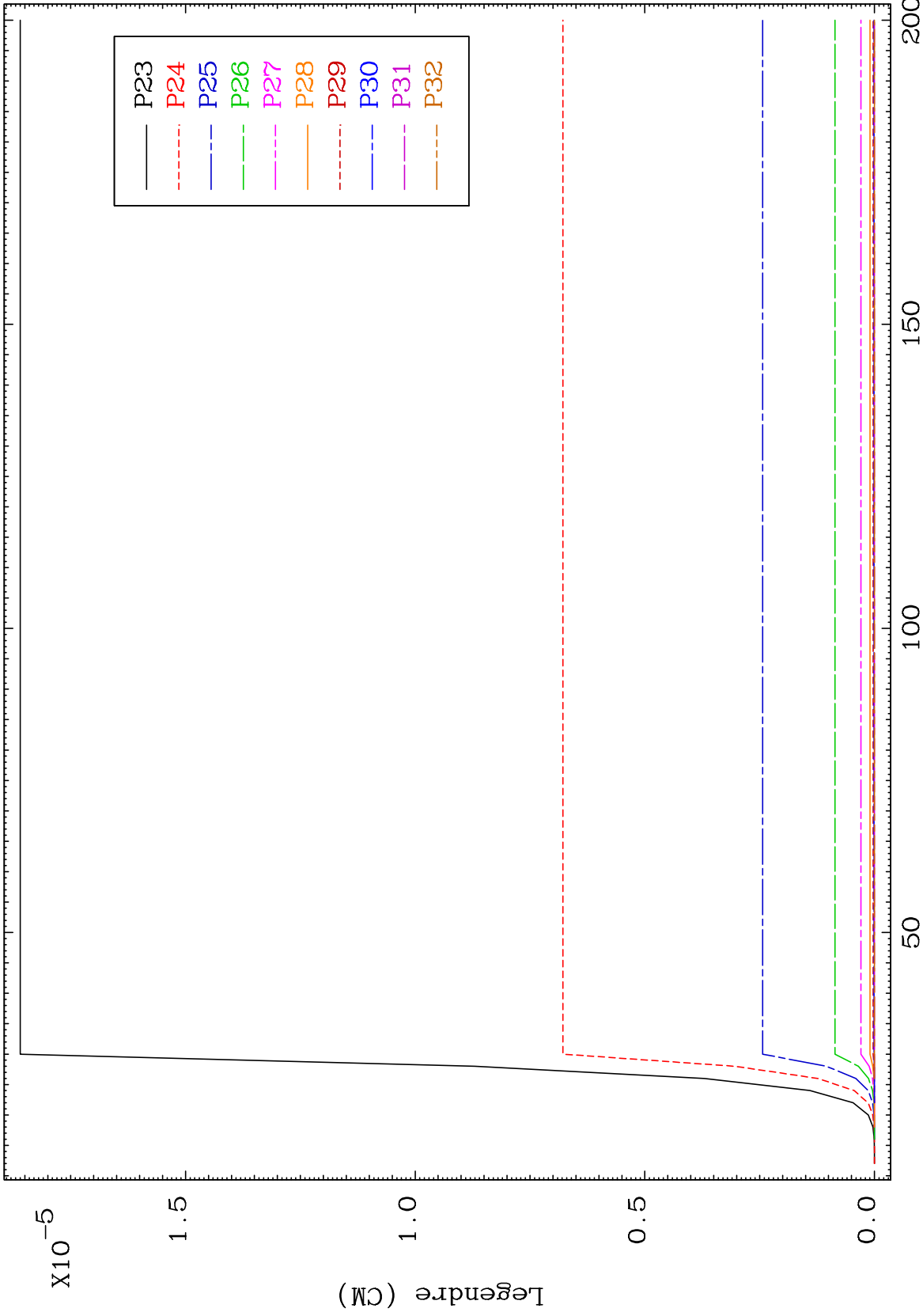
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



62

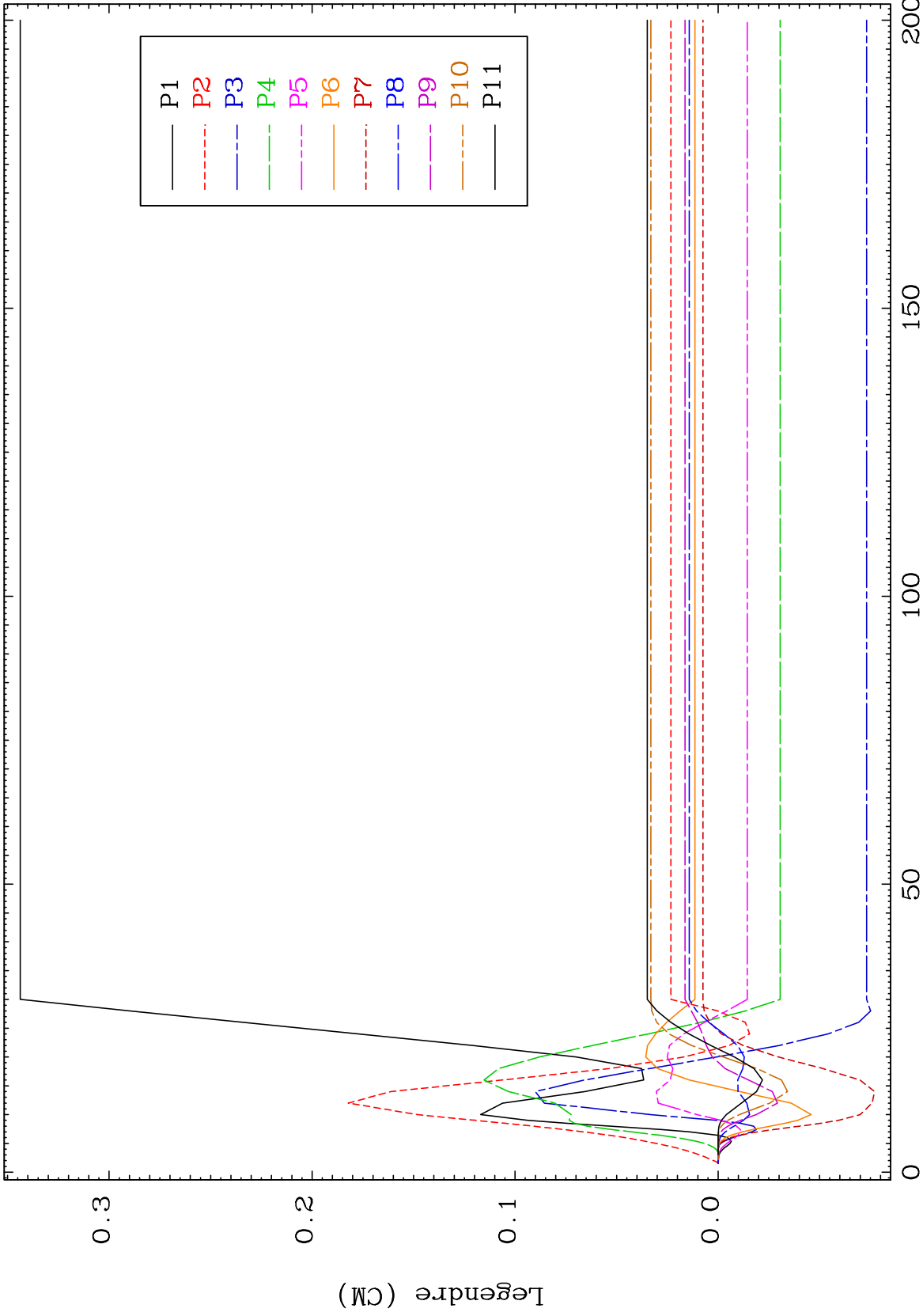
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



63

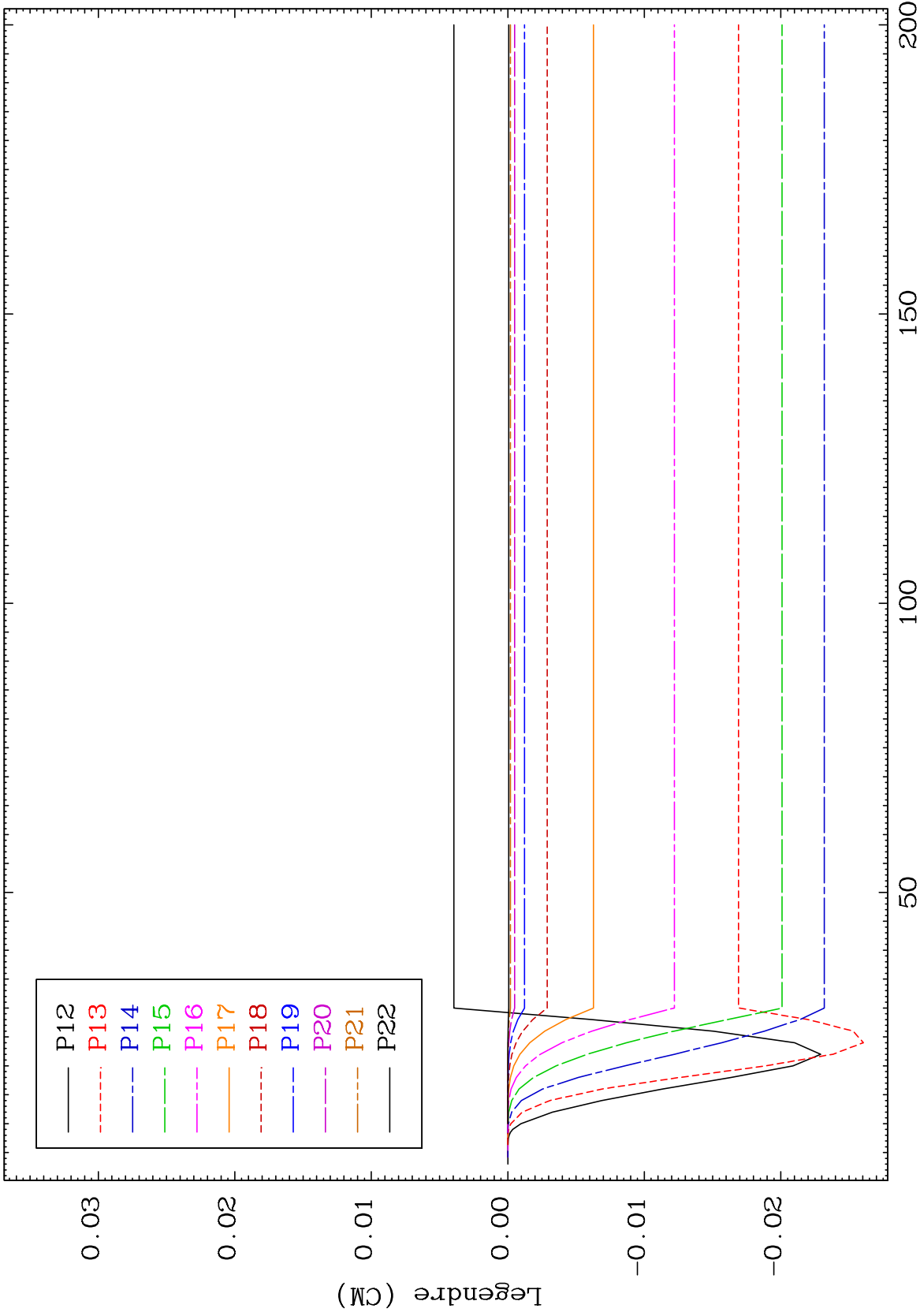
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



64

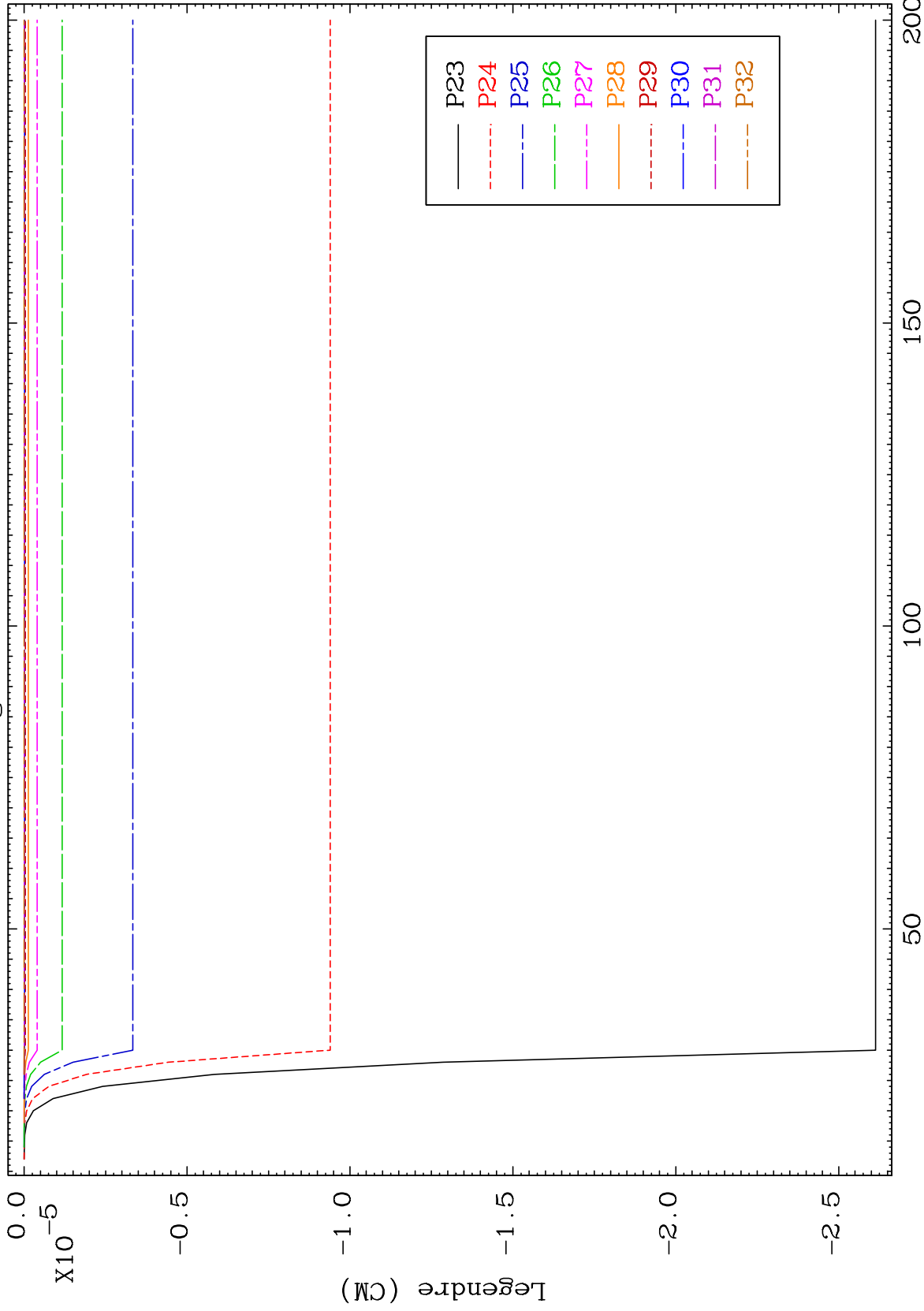
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



65

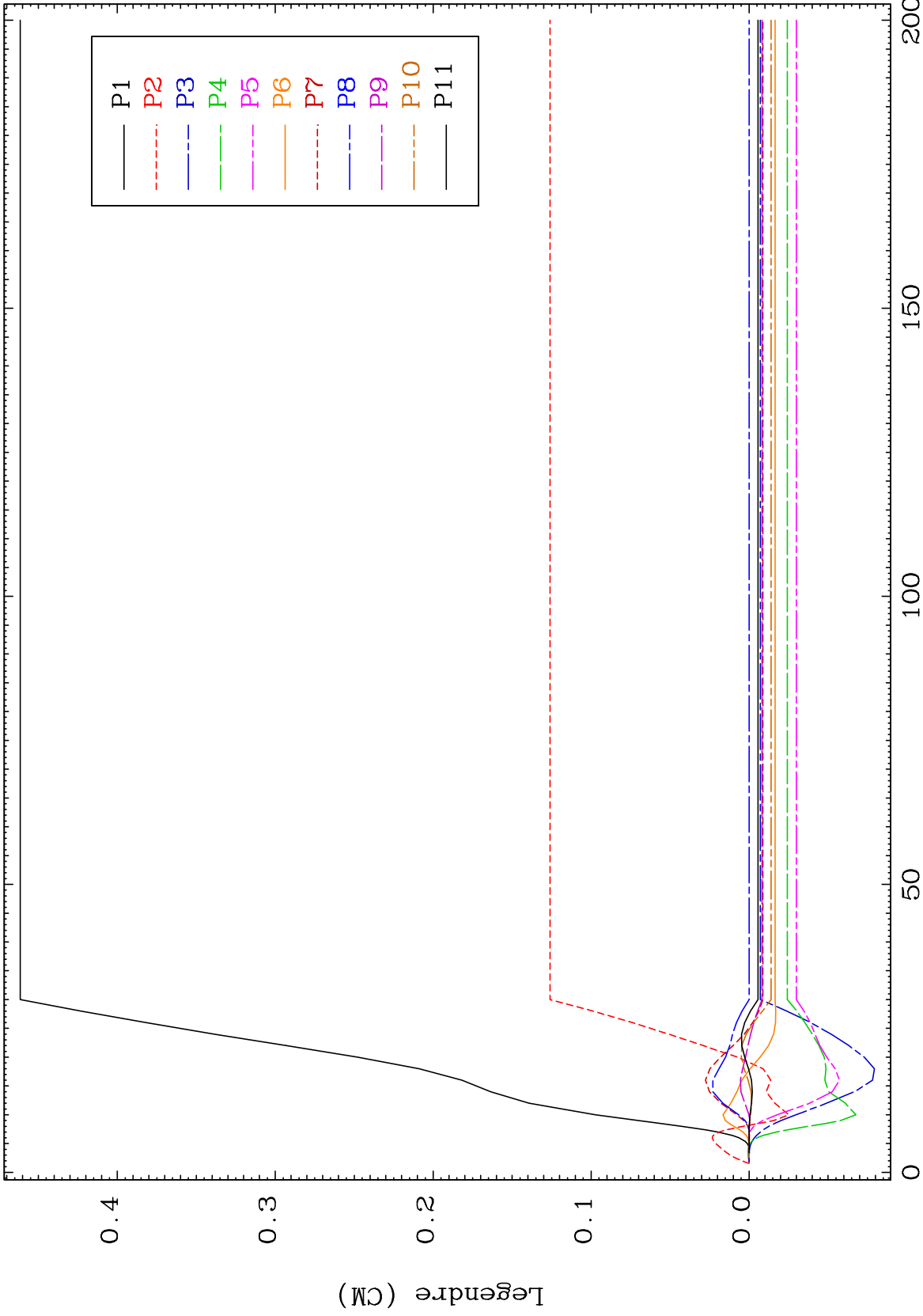
27-Co-62

200

MAT 2734

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

27-Co-62



66

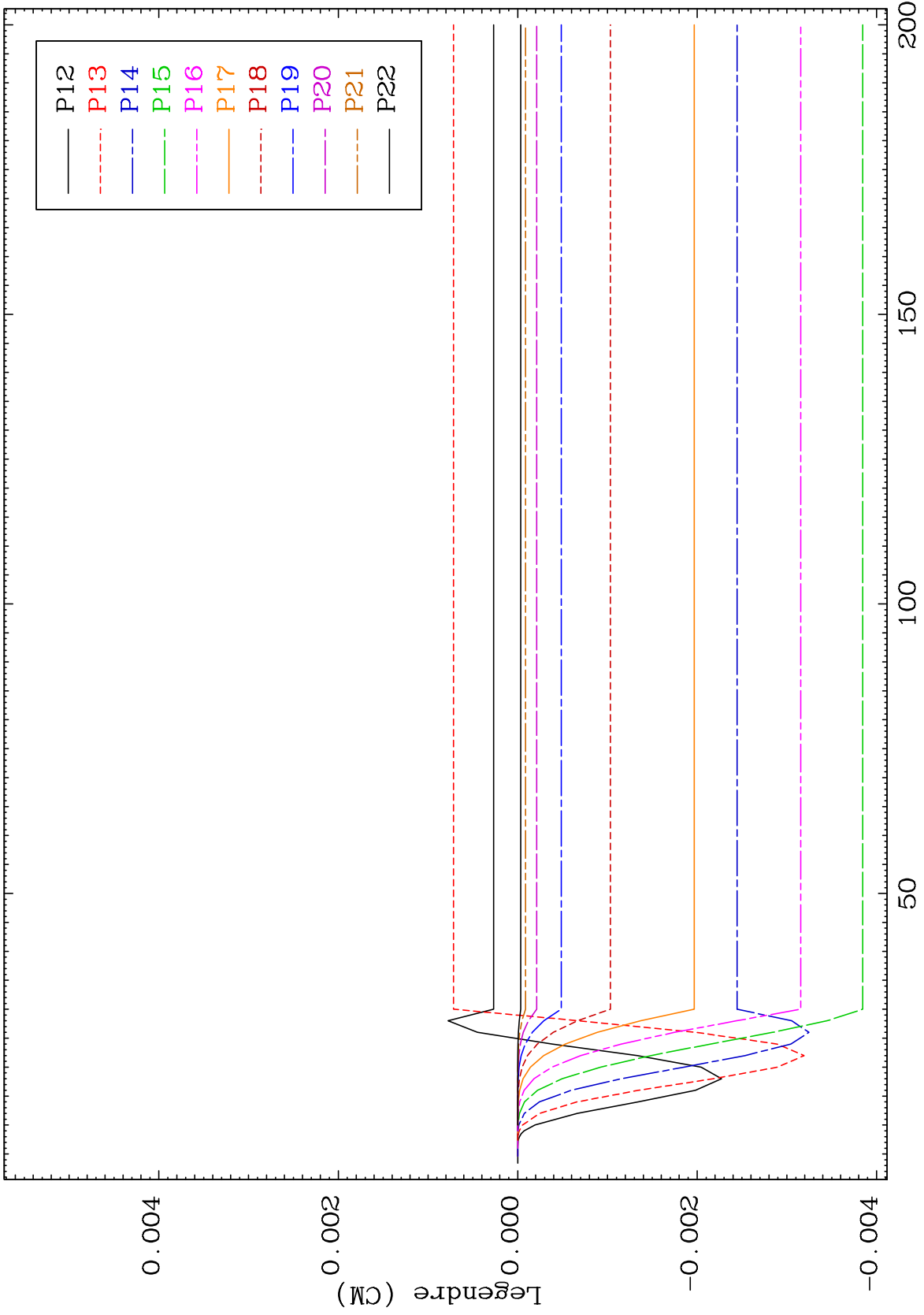
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



67

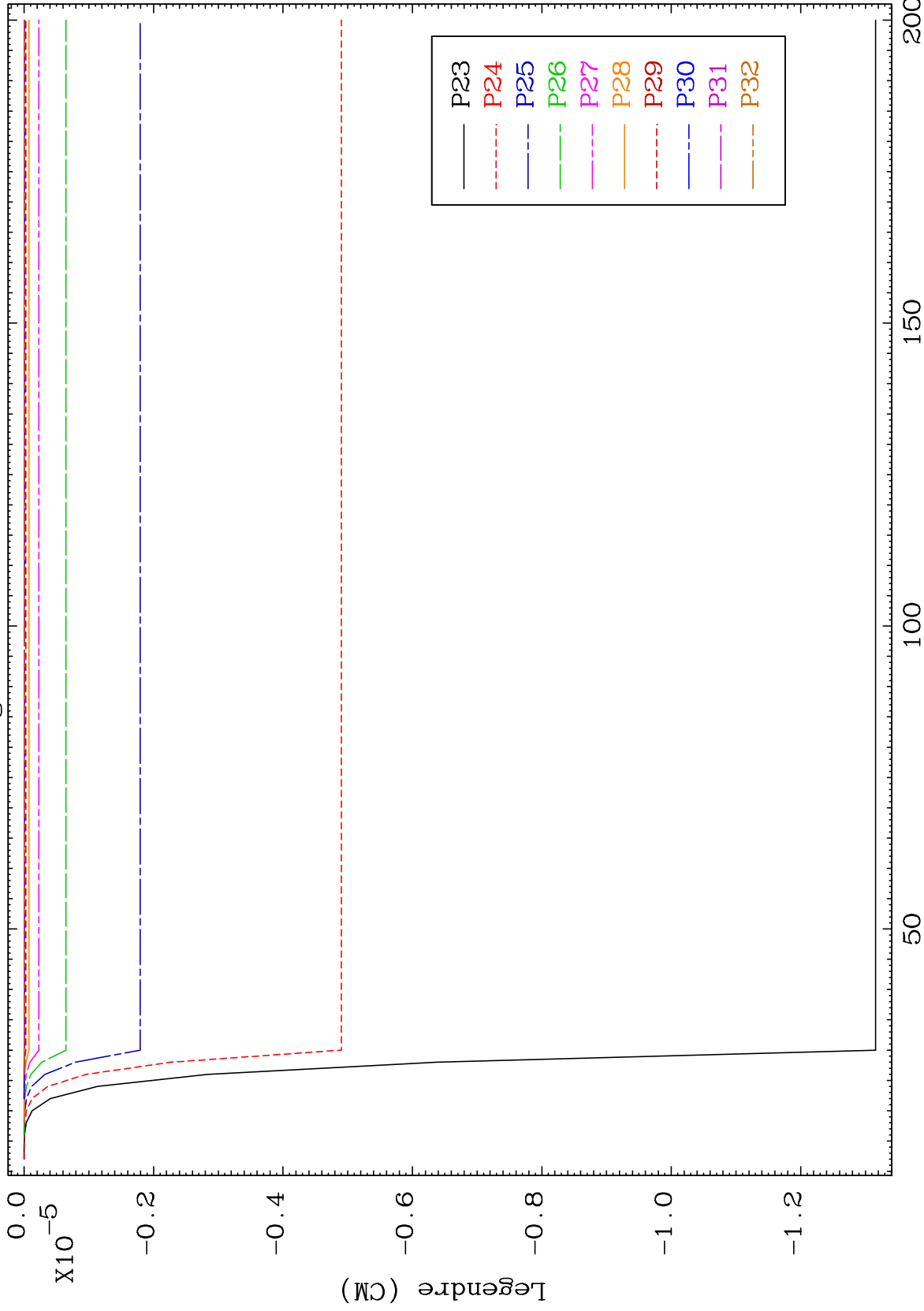
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

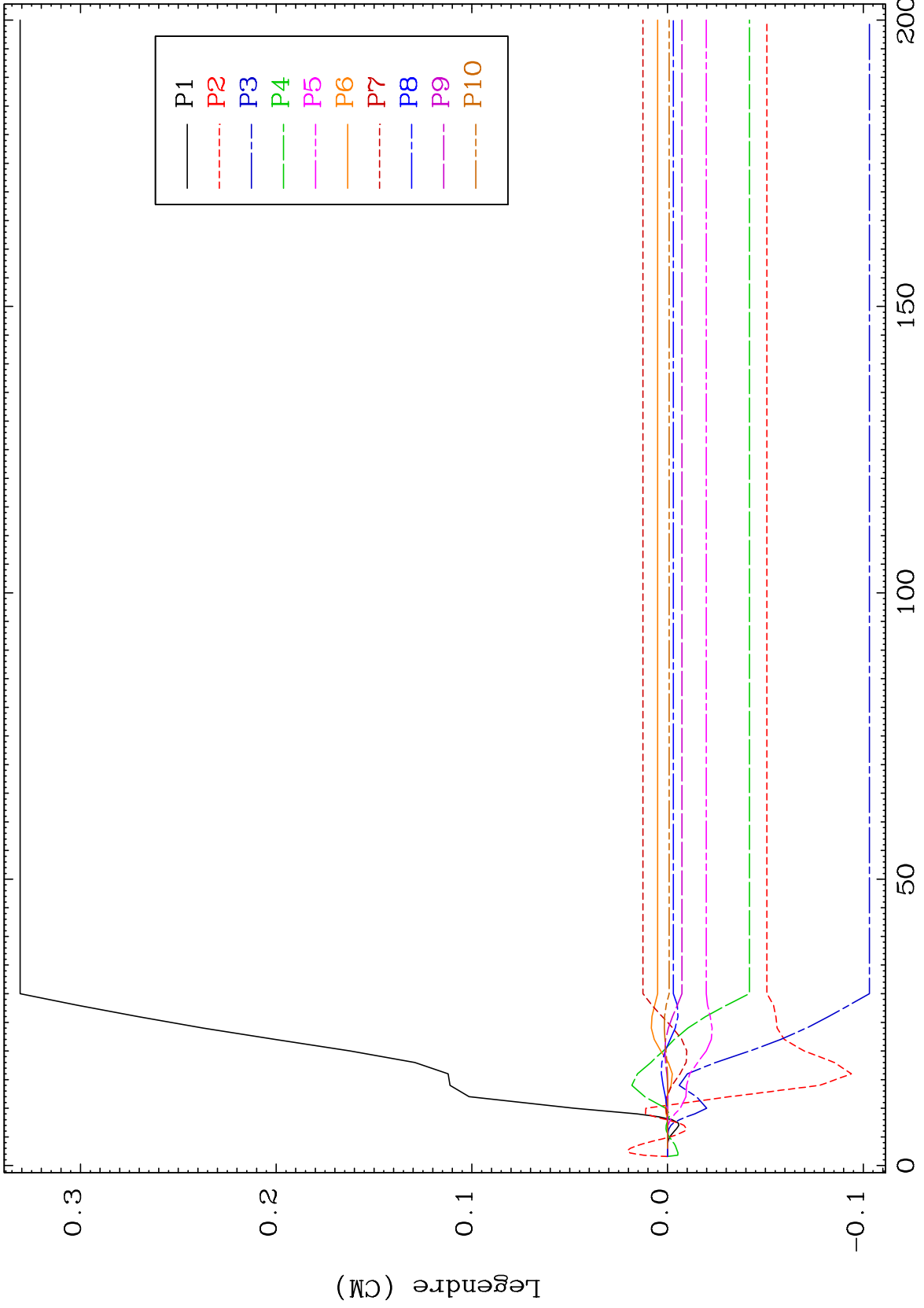
Incident Energy (MeV)

68

MAT 2734

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

27-Co-62



69

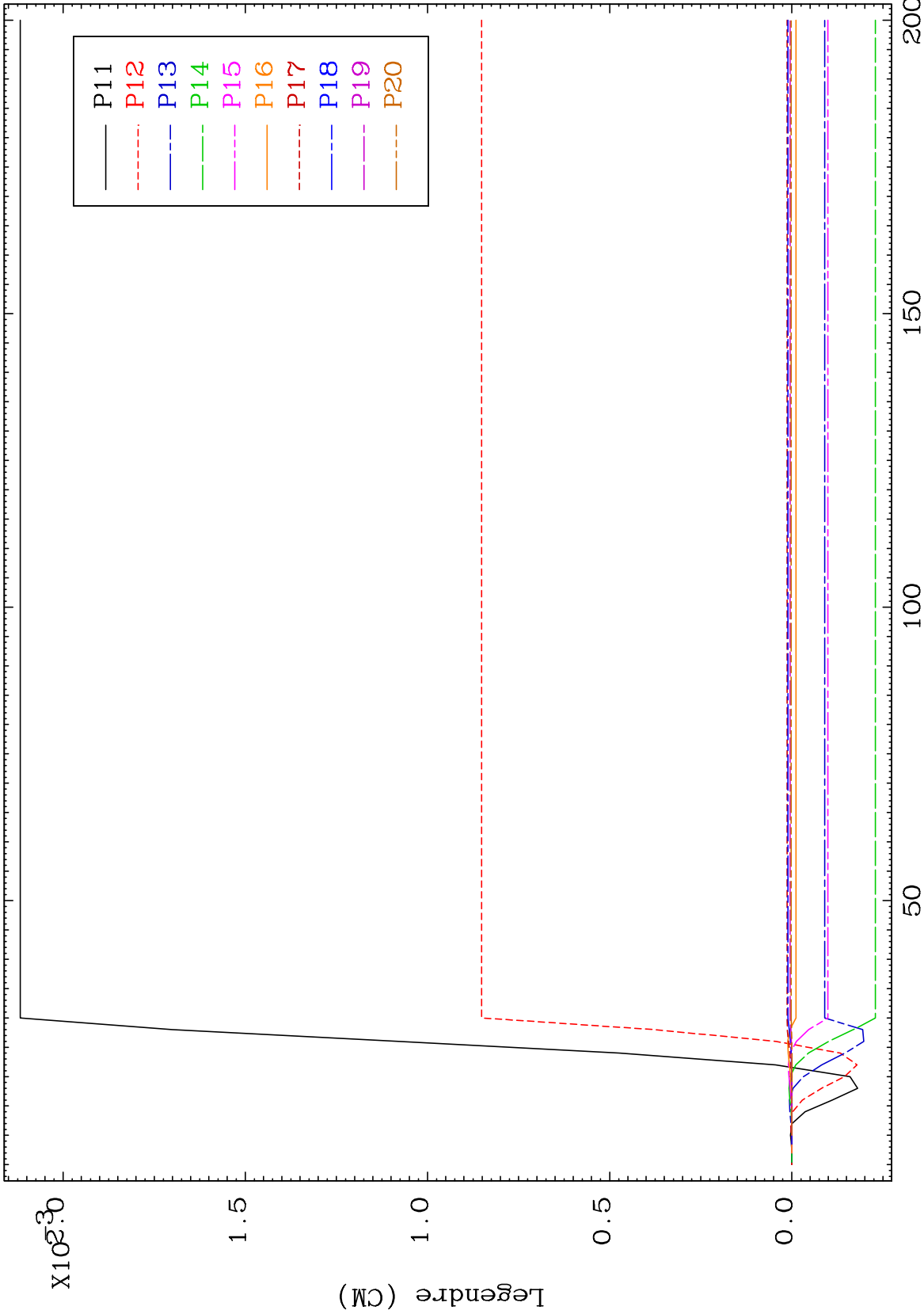
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



70

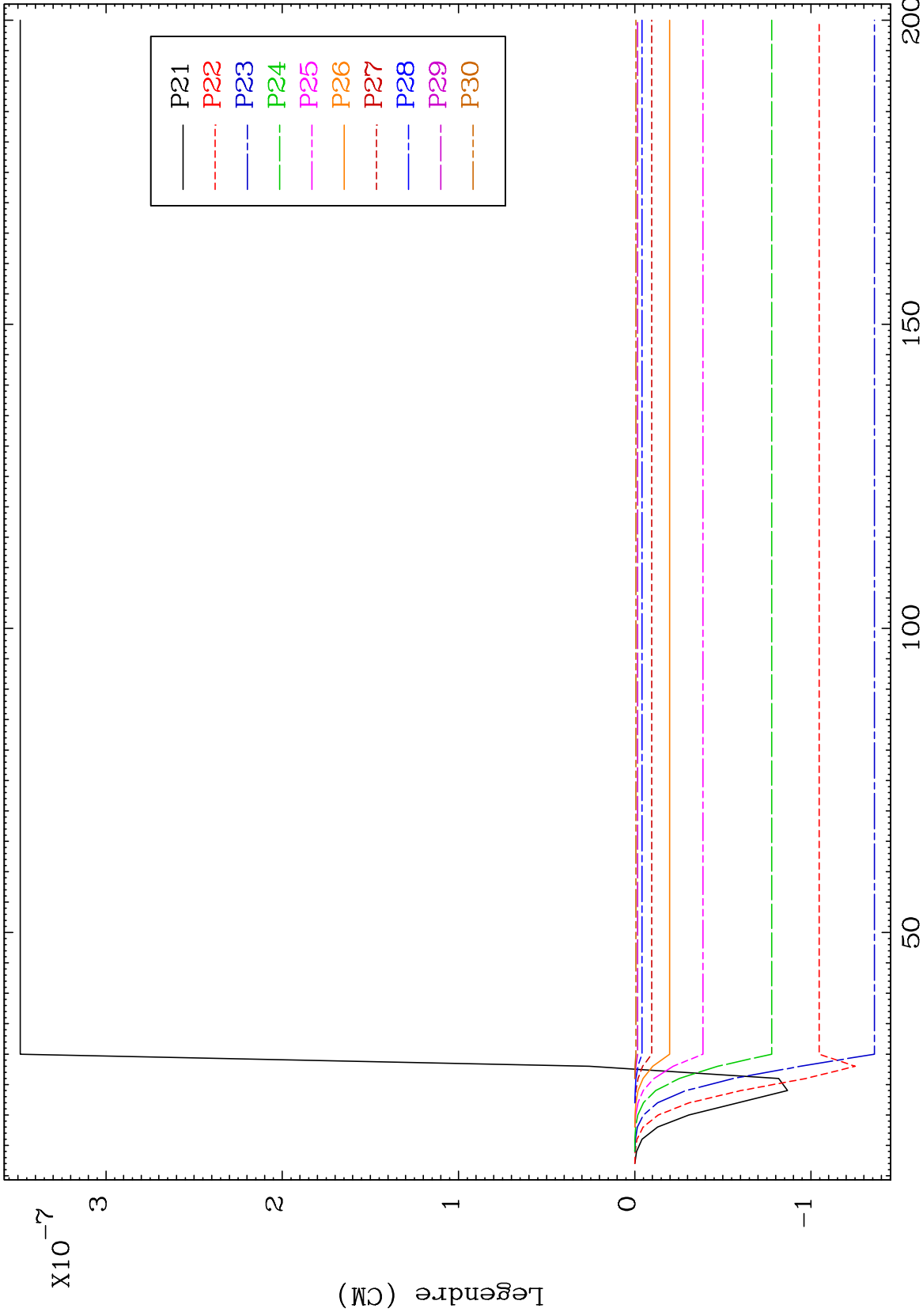
Incident Energy (MeV)

27-Co-62

MAT 2734

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

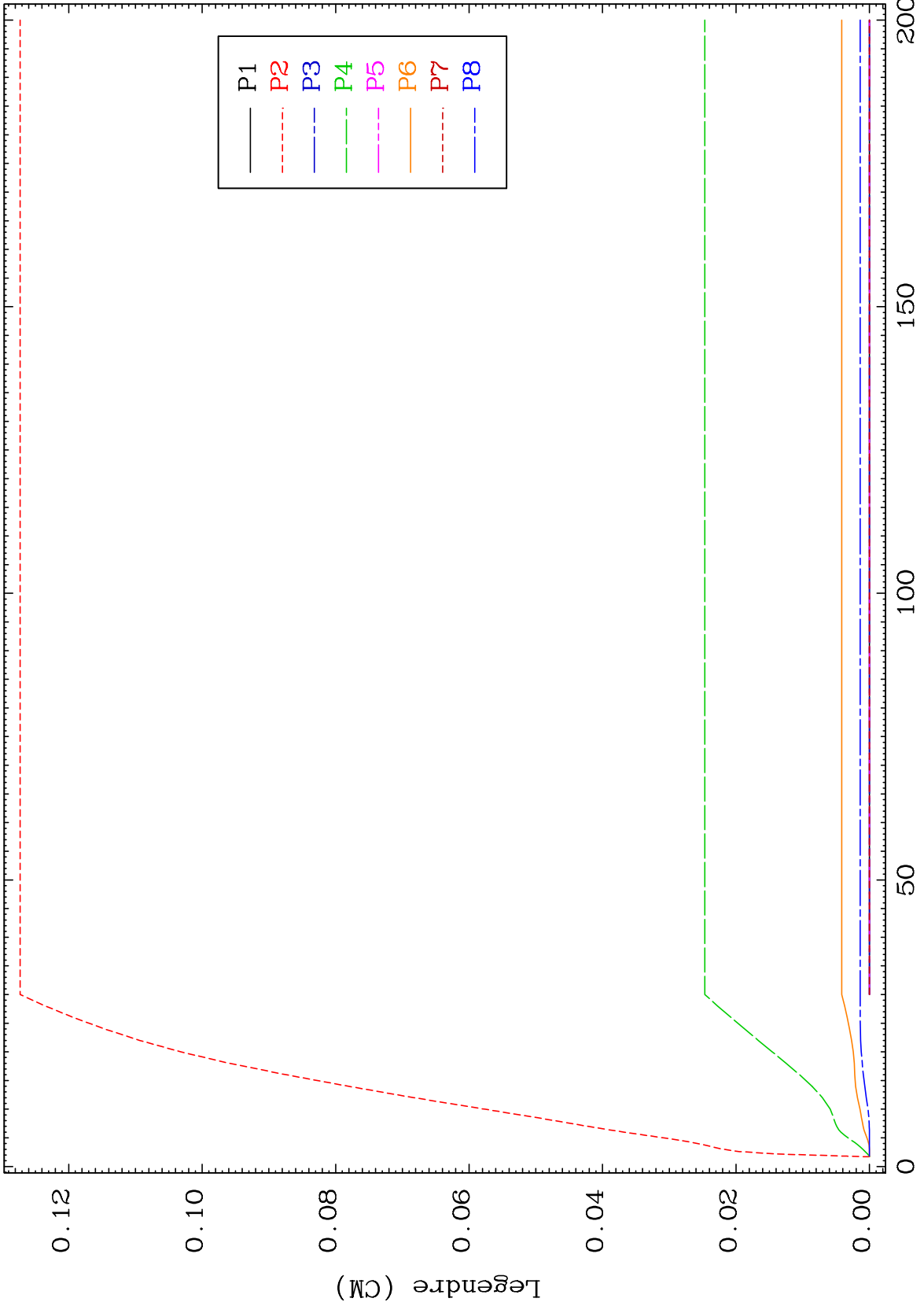
27-Co-62



71

27-Co-62

MAT 2734 MT= 70 (n,n') Level Legendre Coefficients 27-Co-62

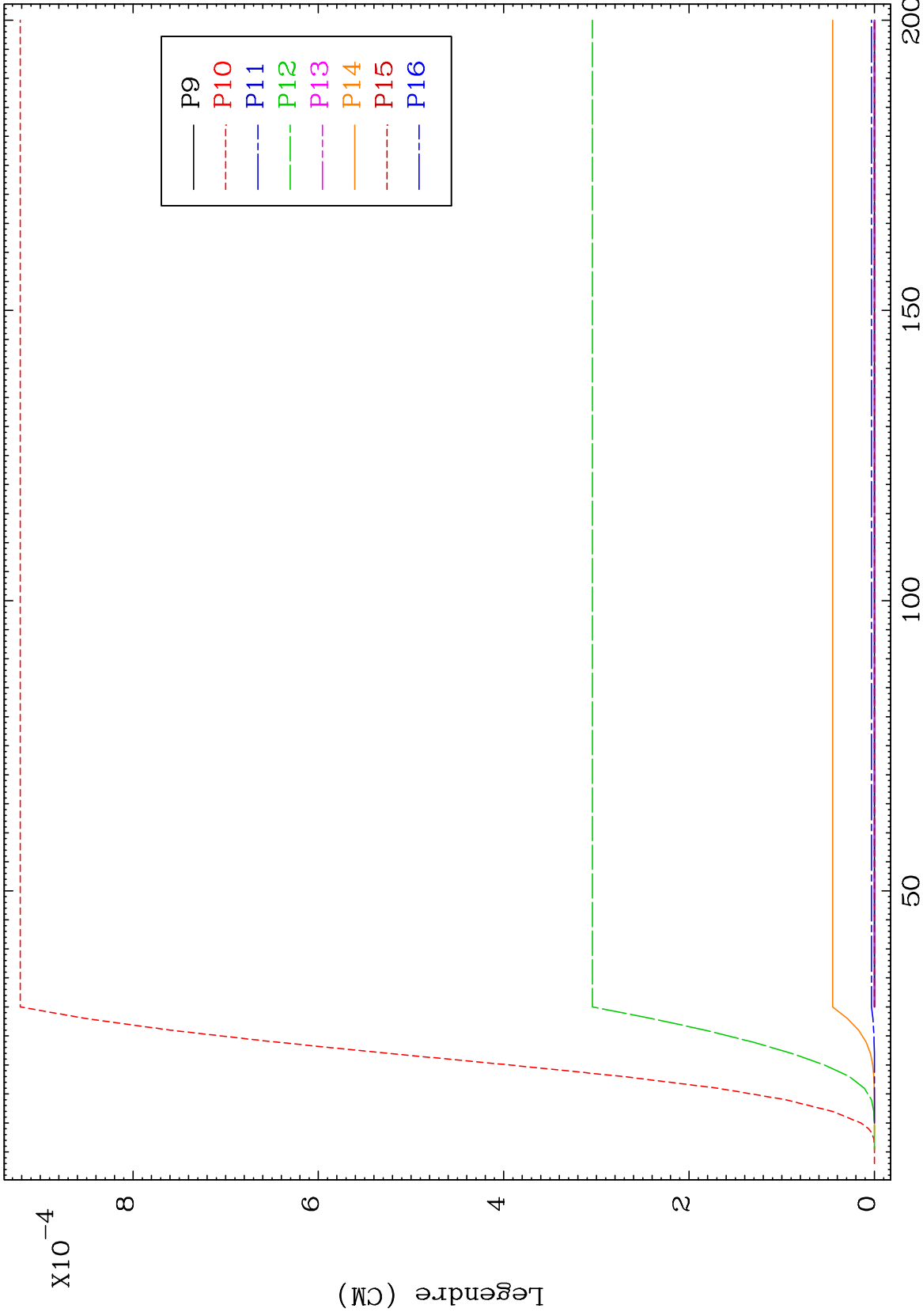


72 Incident Energy (MeV) 27-Co-62

MAT 2734

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

27-Co-62

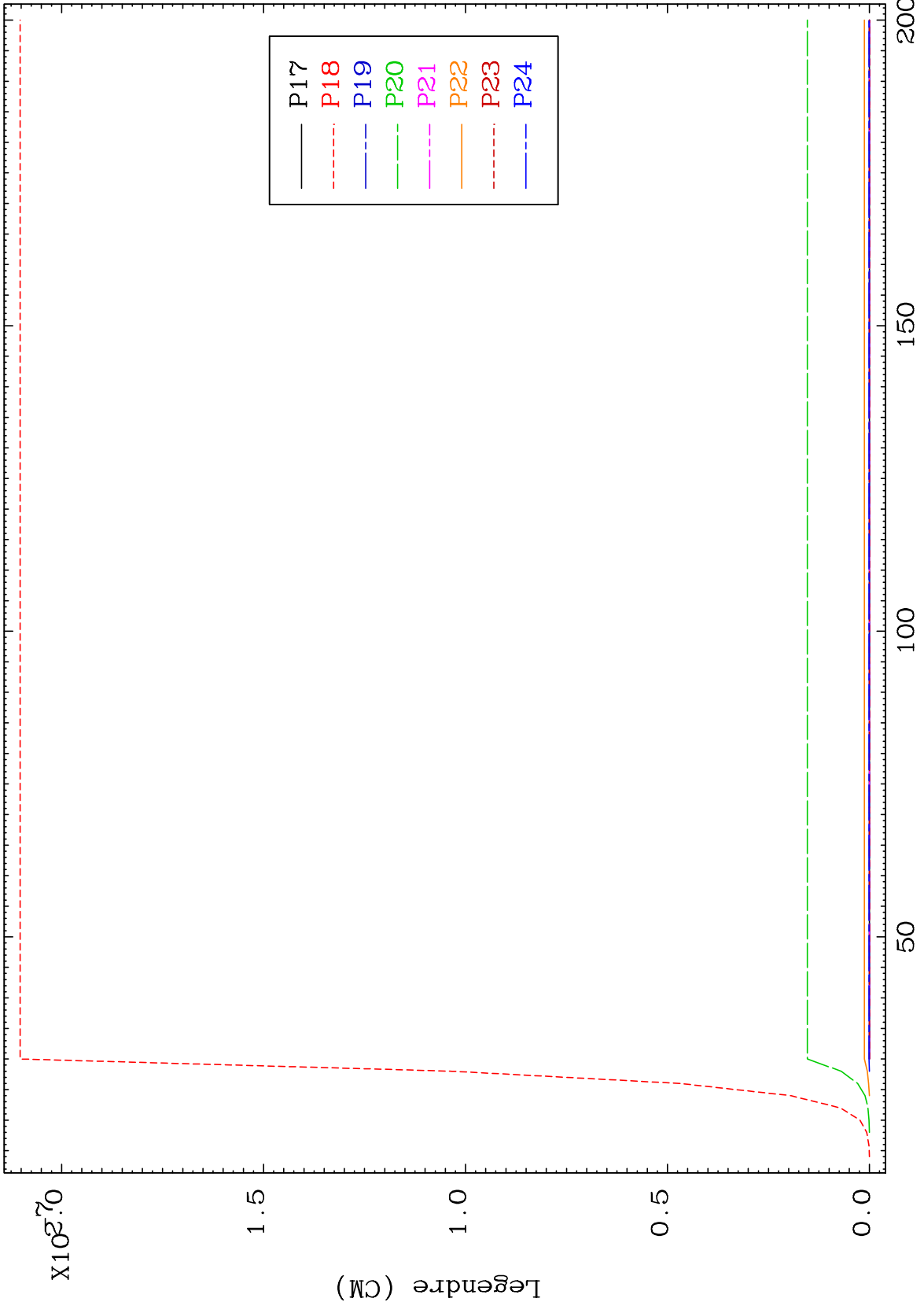


73

Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 70 (n,n') Level Legendre Coefficients 27-Co-62

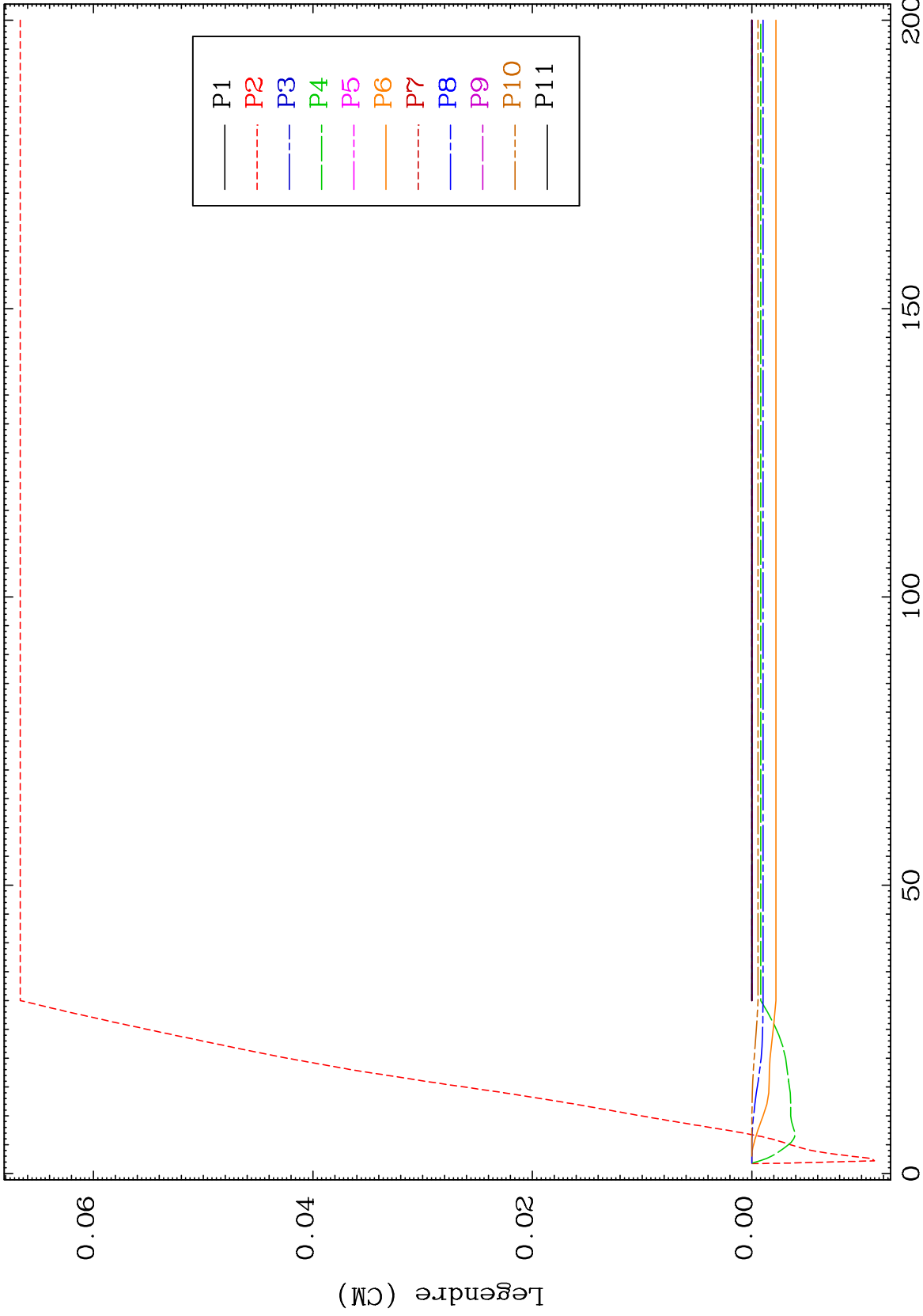


74 27-Co-62

MAT 2734

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

27-Co-62



75

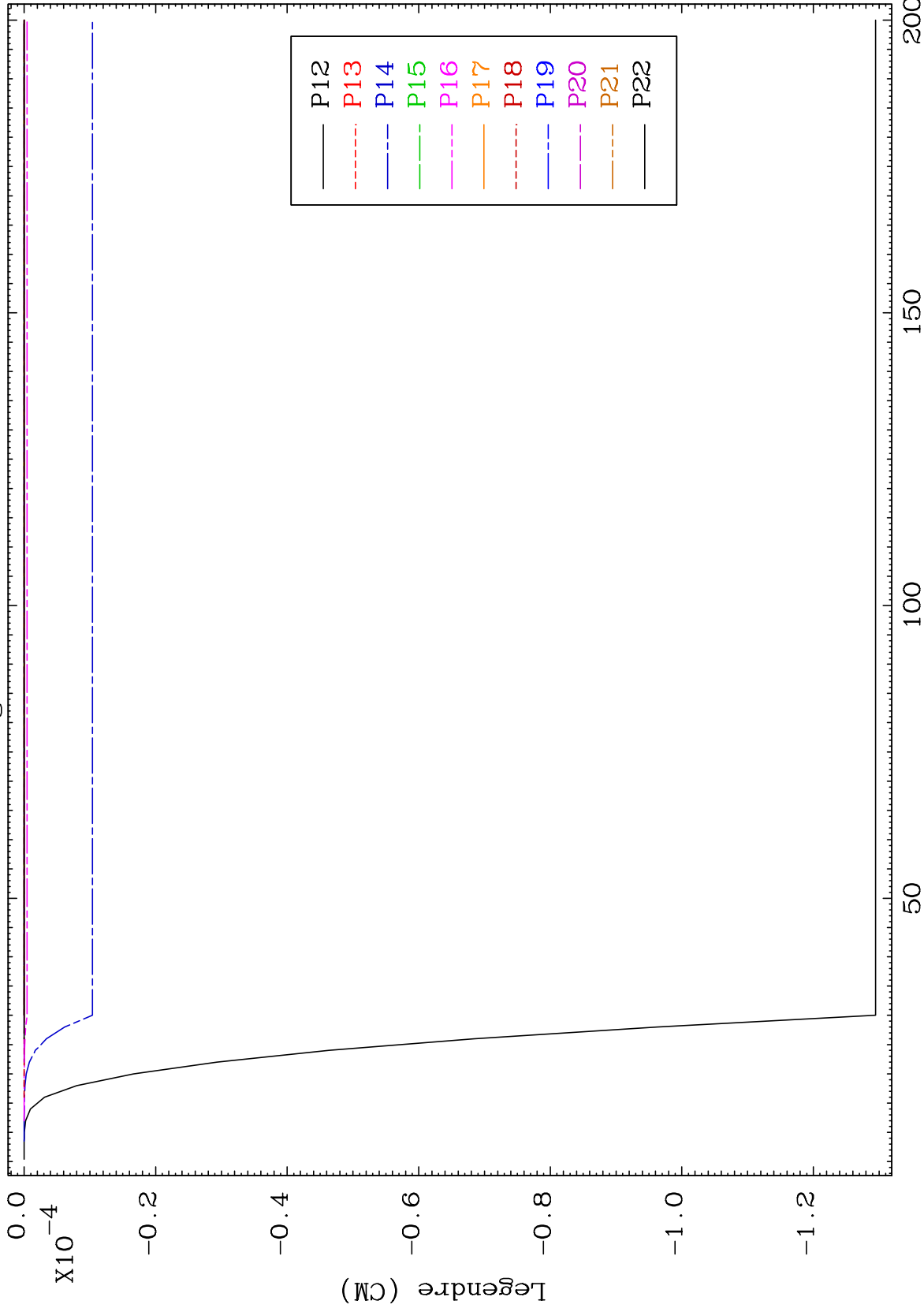
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62

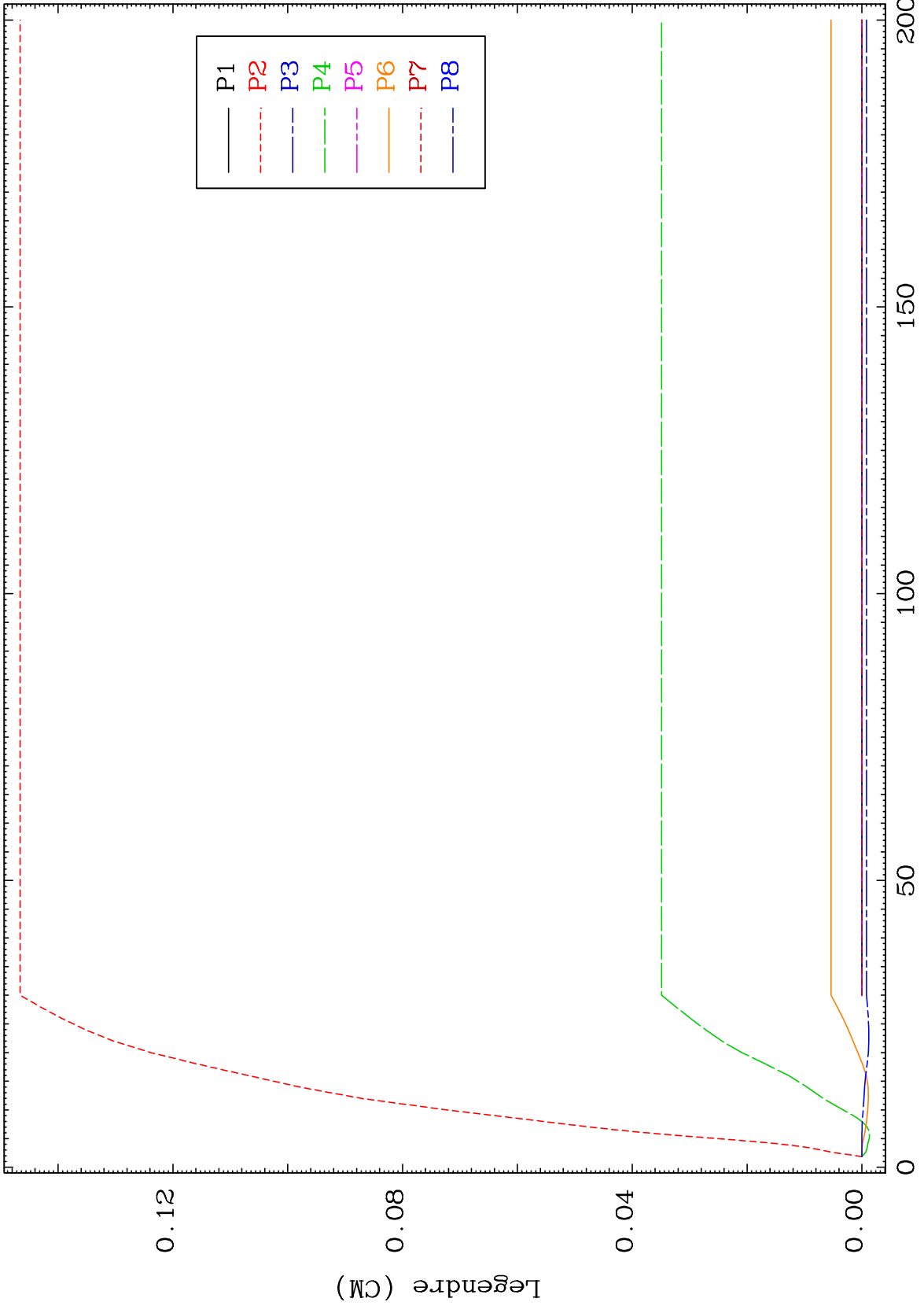


76

Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 72 (n,n') Level Legendre Coefficients 27-Co-62

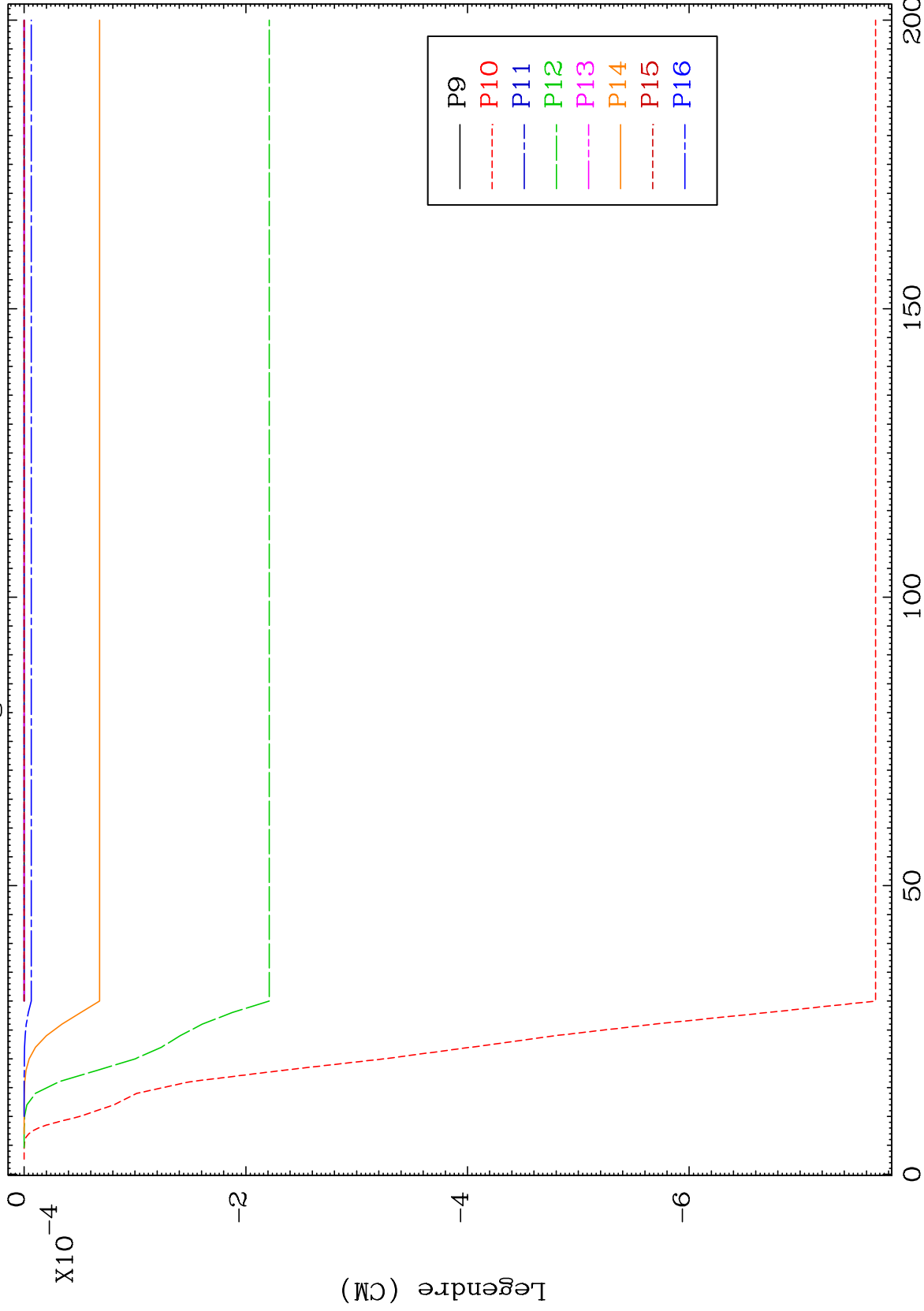


77 27-Co-62

MAT 2734

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

27-Co-62



78

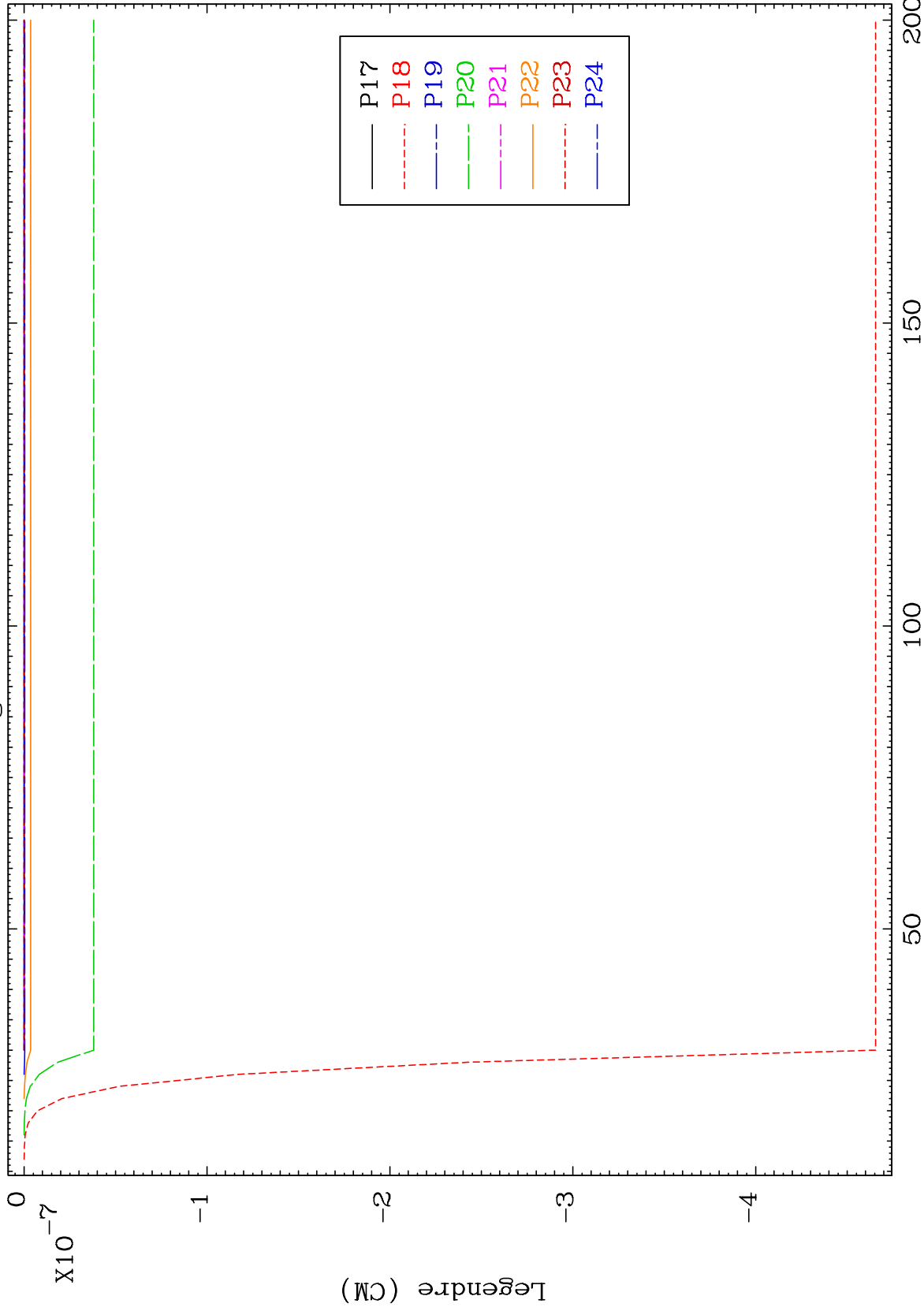
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62

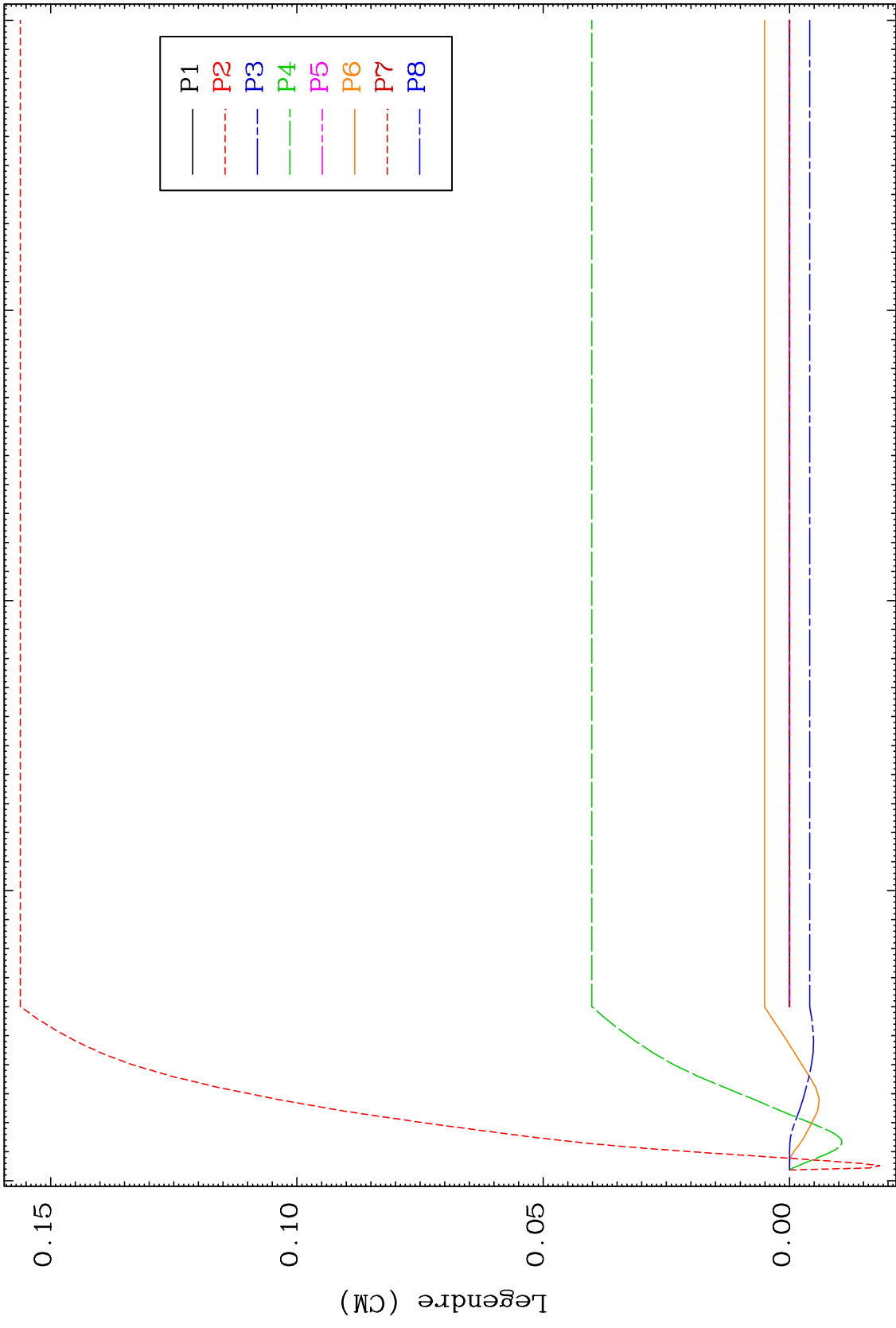


79

Incident Energy (MeV)

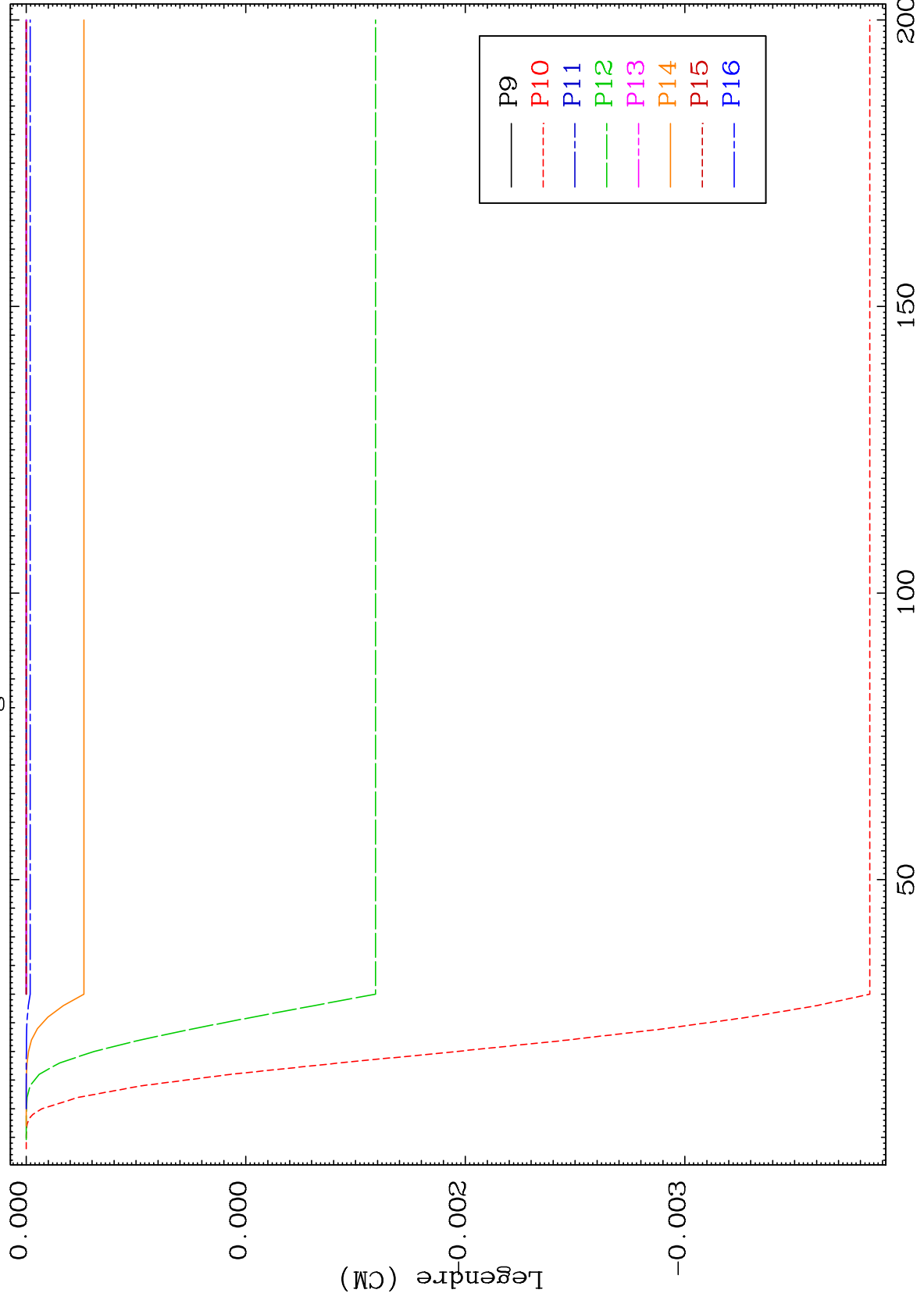
27-Co-62

MAT 2734 MT= 73 (n,n') Level Legendre Coefficients 27-Co-62



27-Co-62

MAT 2734 MT= 73 (n,n') Level Legendre Coefficients 27-Co-62



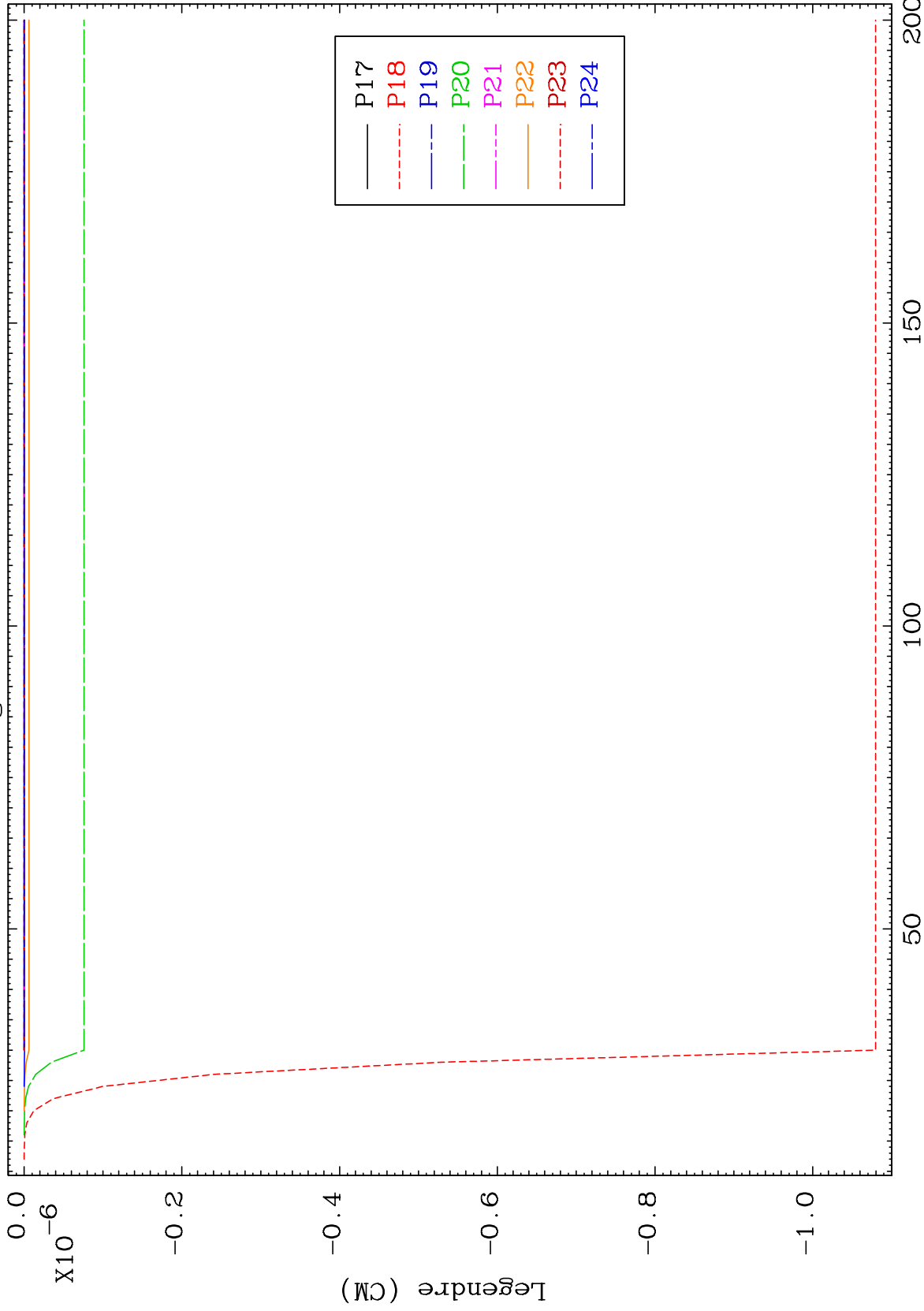
MAT 2734

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

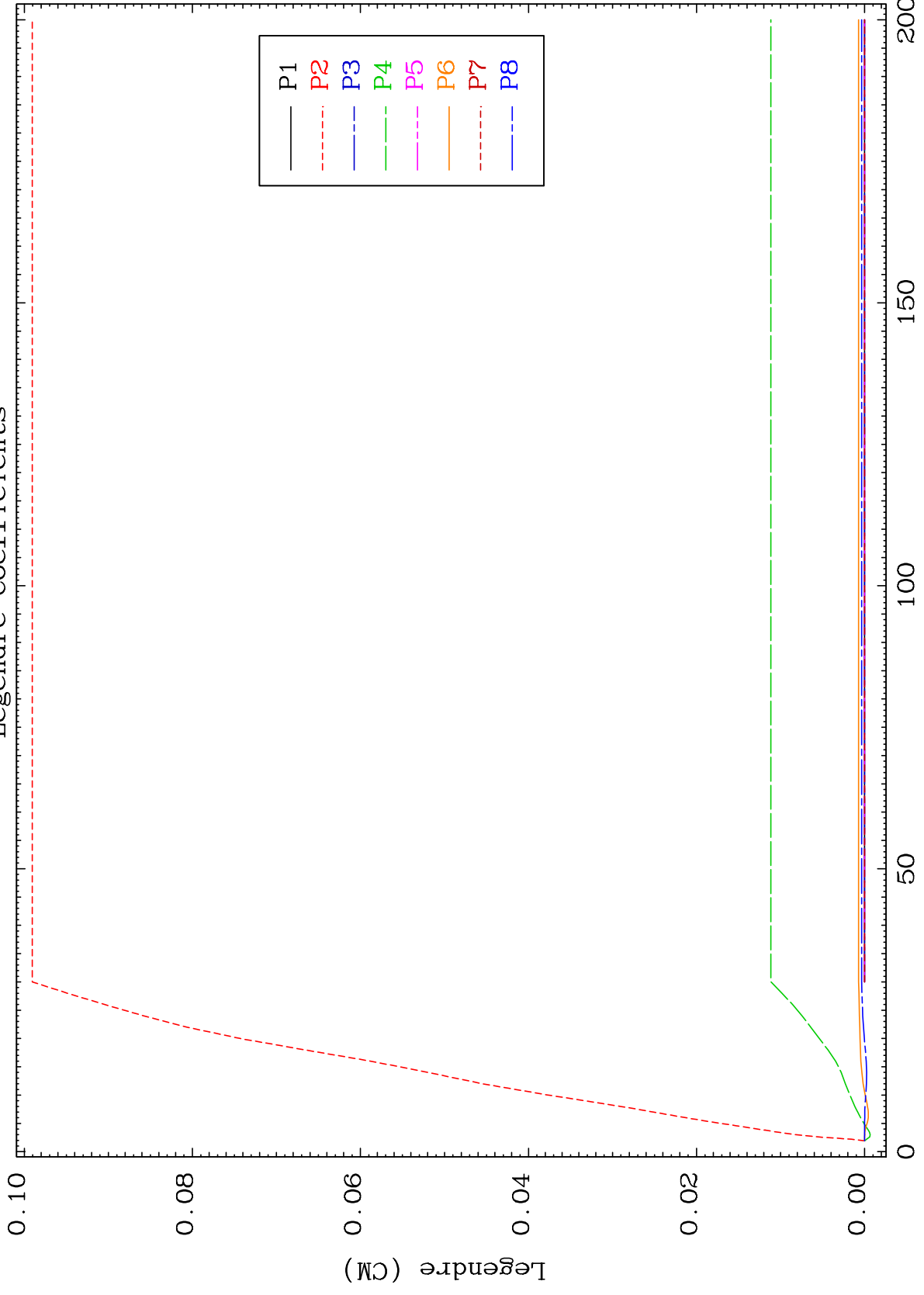
27-Co-62

Incident Energy (MeV)

82



MAT 2734 MT= 74 (n,n') Level Legendre Coefficients 27-Co-62

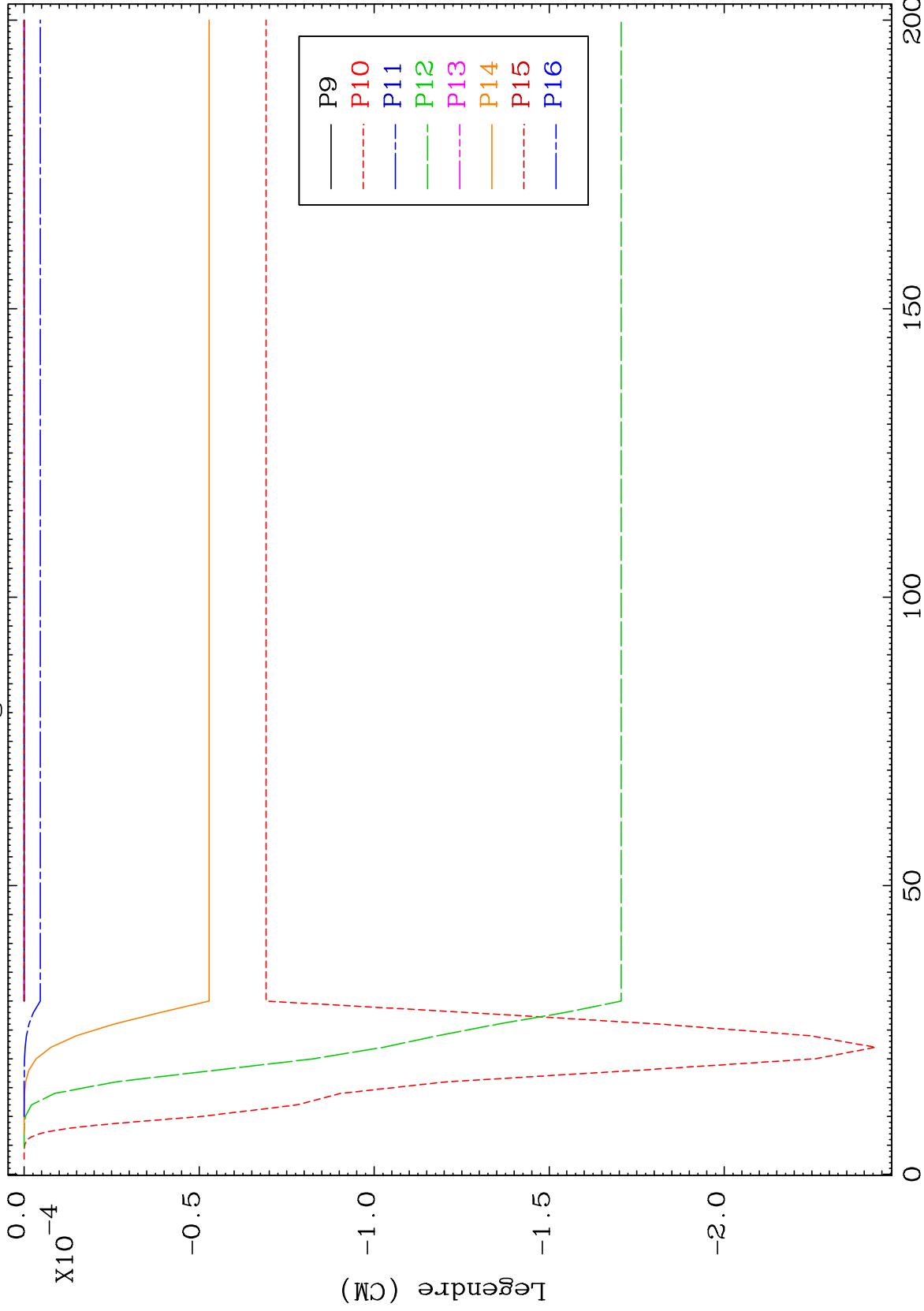


83 Incident Energy (MeV) 27-Co-62

MAT 2734

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

27-Co-62



84

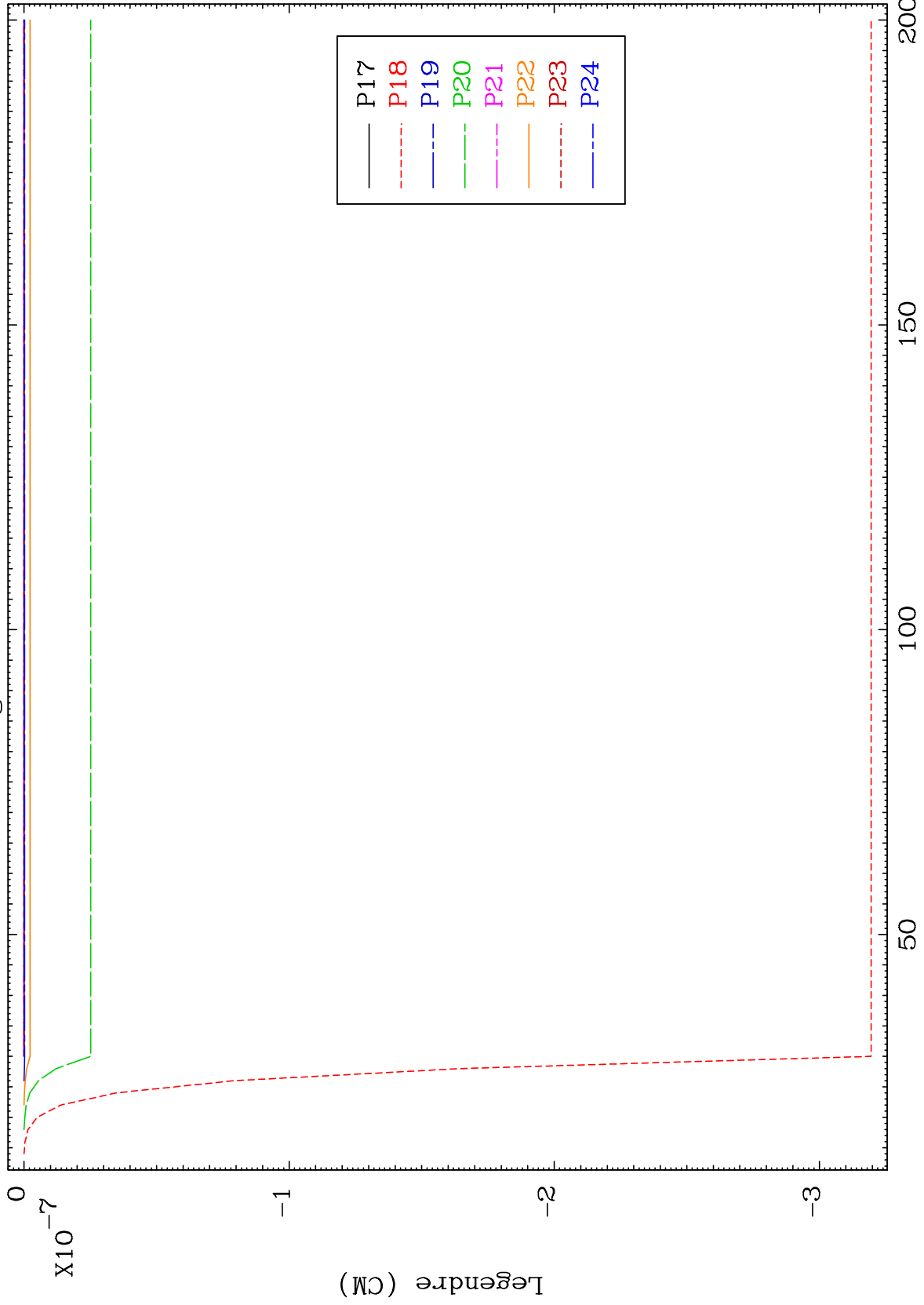
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

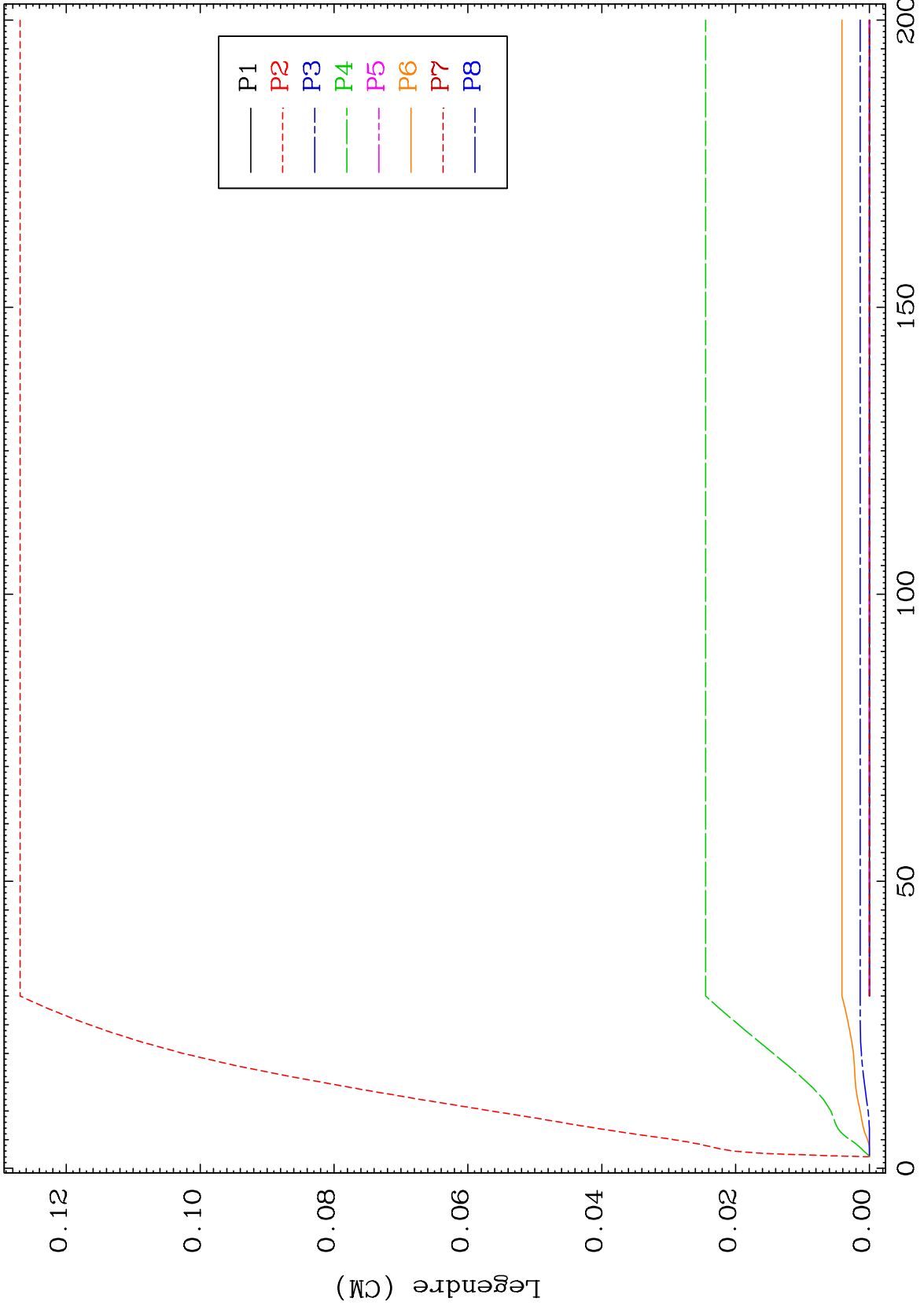
Incident Energy (MeV)

85

MAT 2734

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

27-Co-62



86

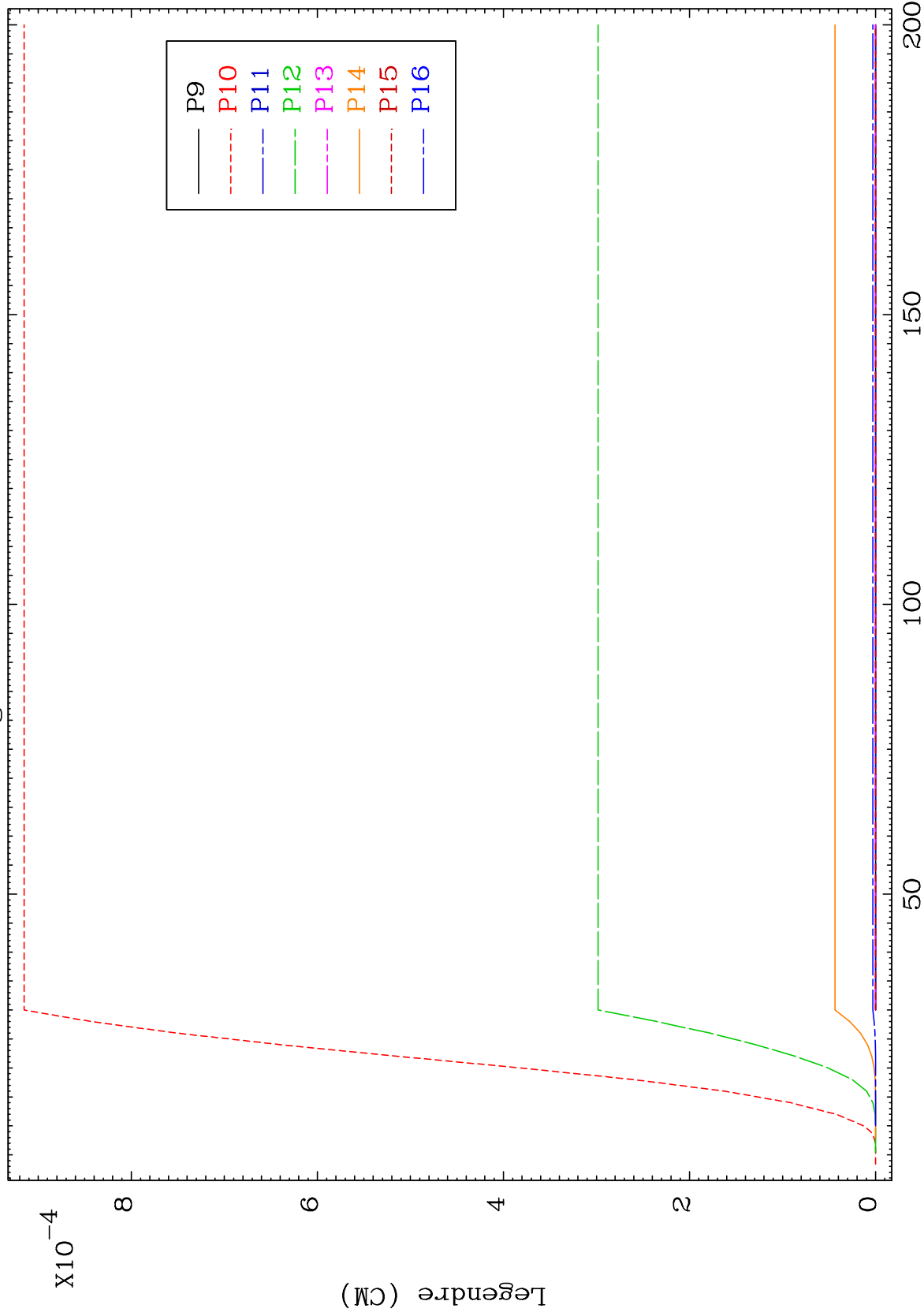
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62

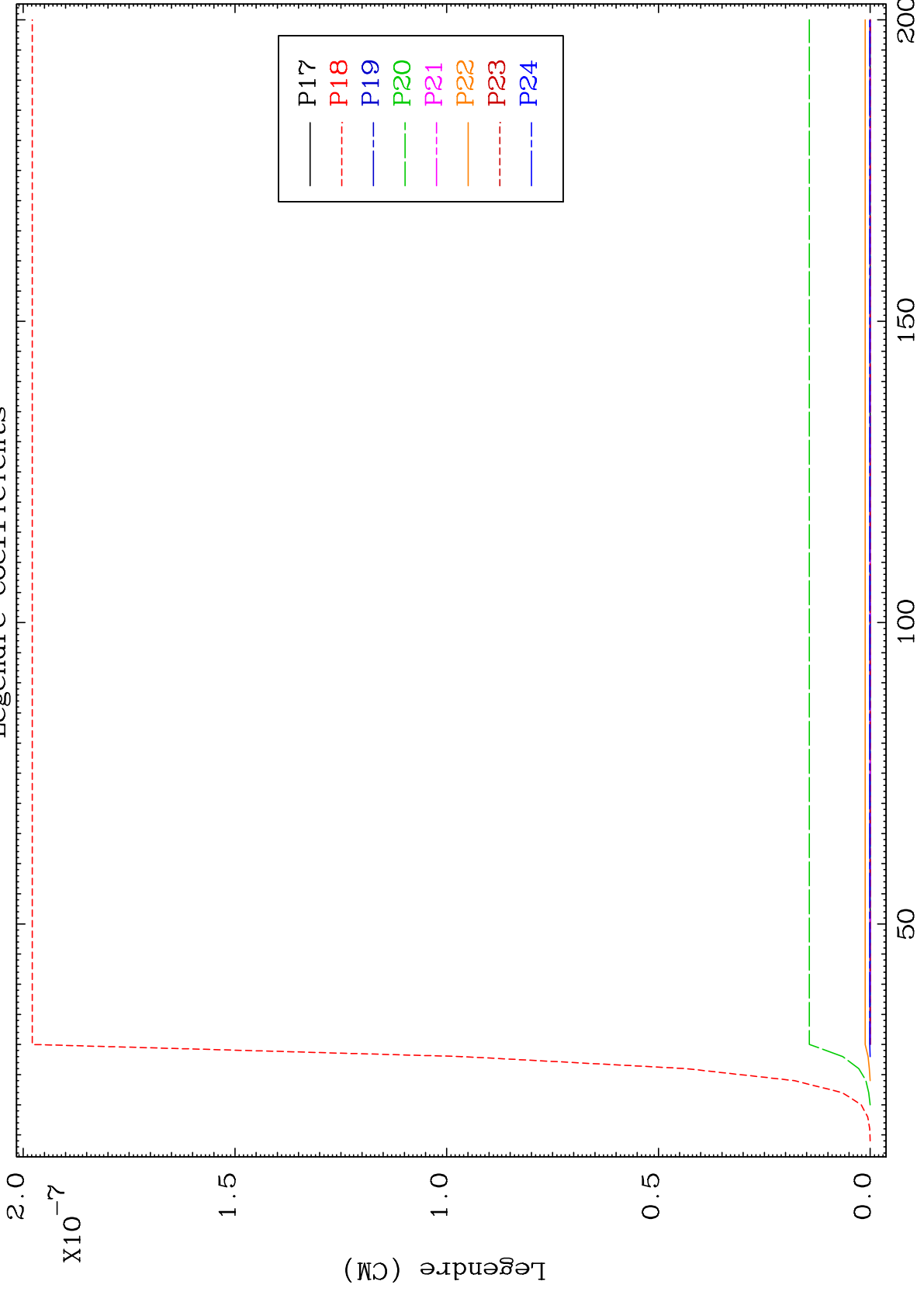


87

Incident Energy (MeV)

27-Co-62

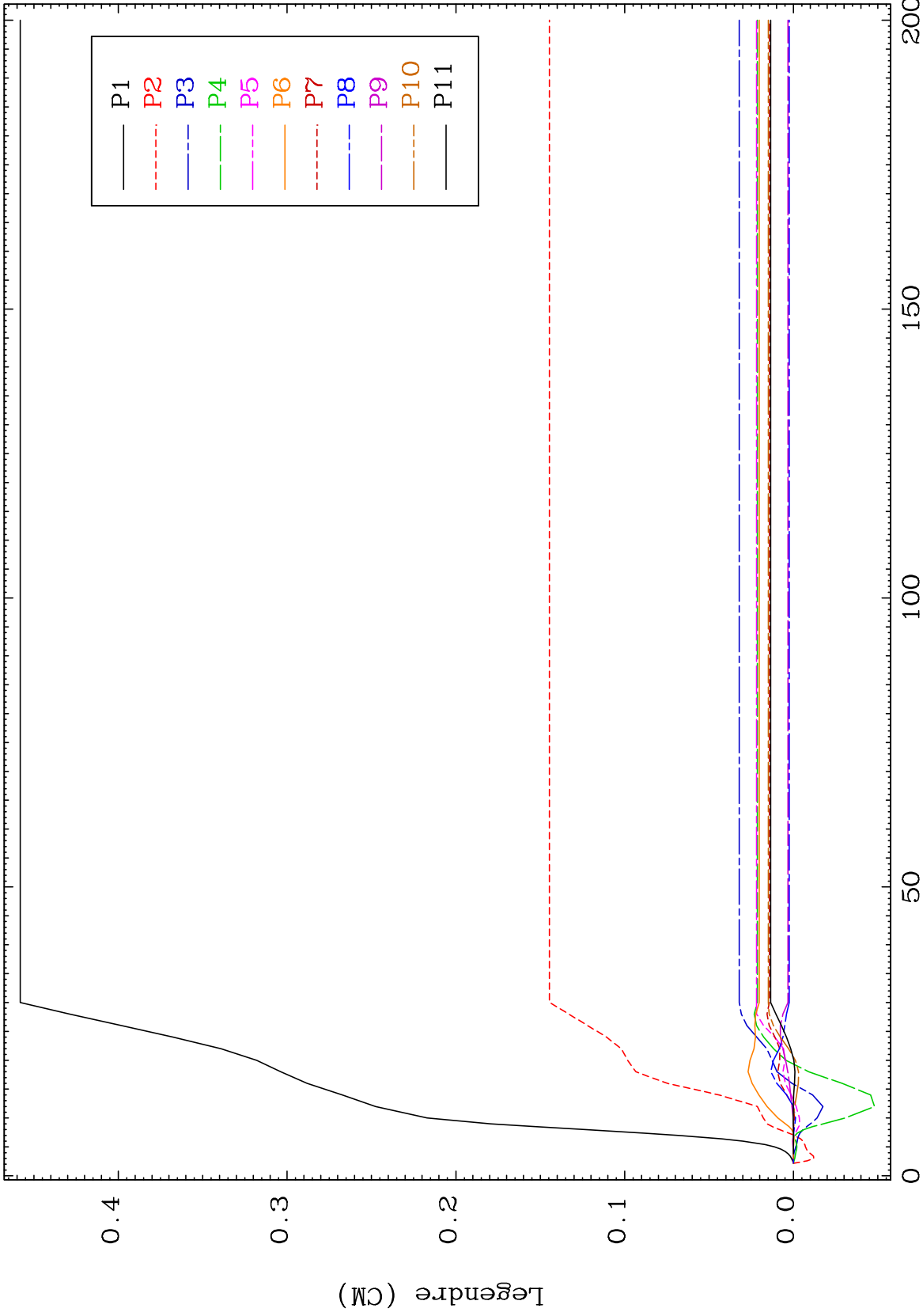
MAT 2734 MT= 75 (n,n') Level Legendre Coefficients 27-Co-62



MAT 2734

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

27-Co-62



89

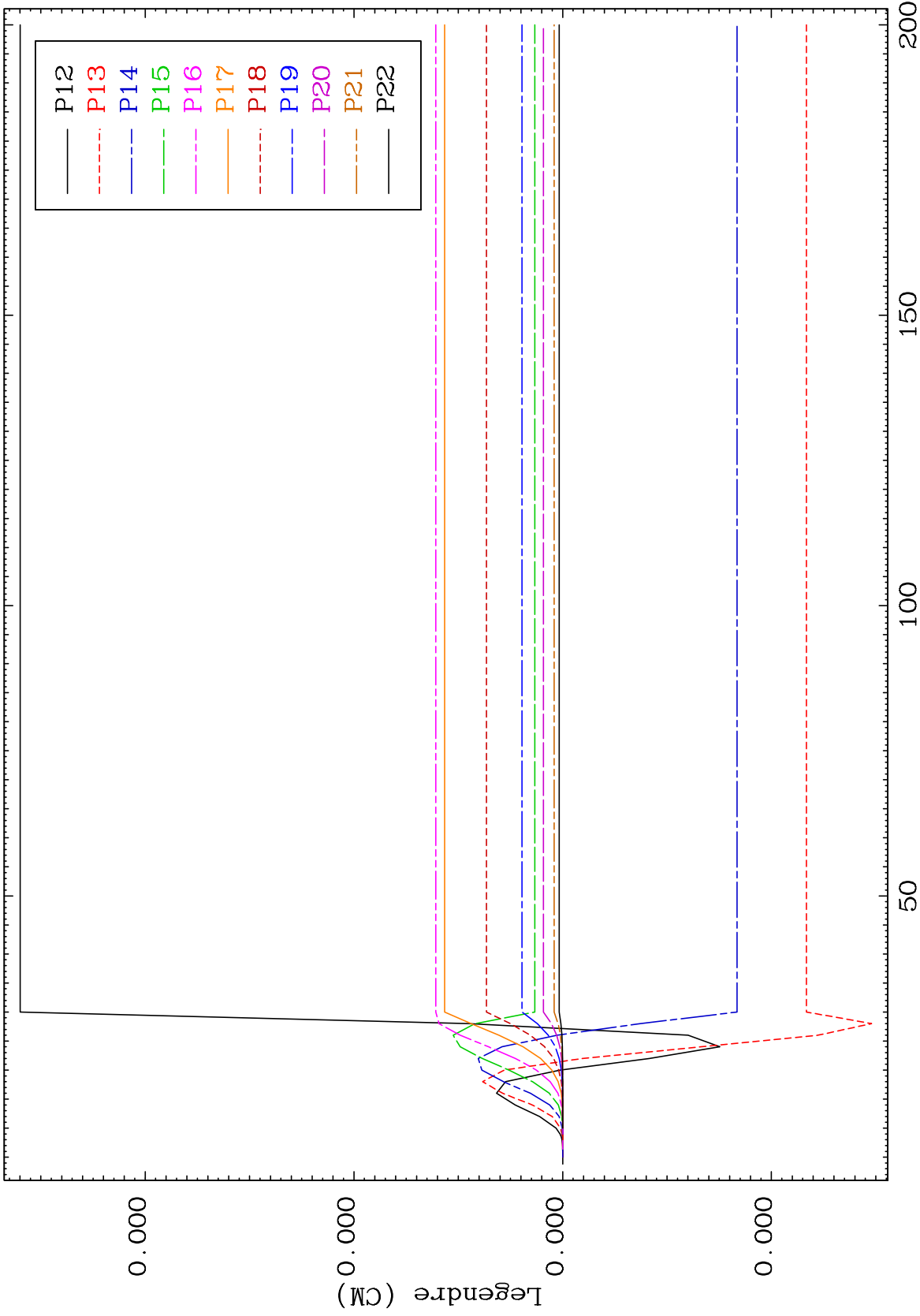
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



90

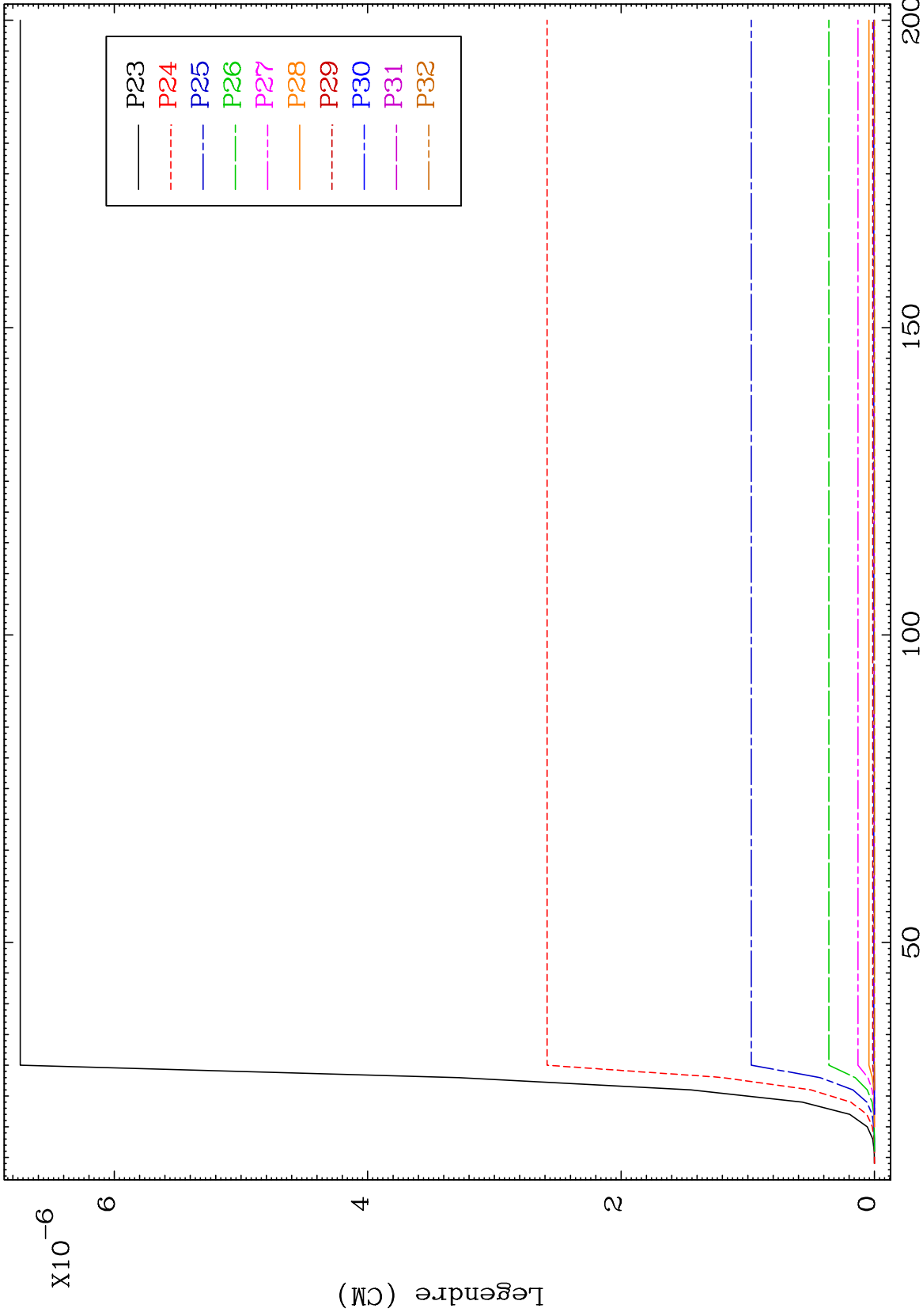
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



91

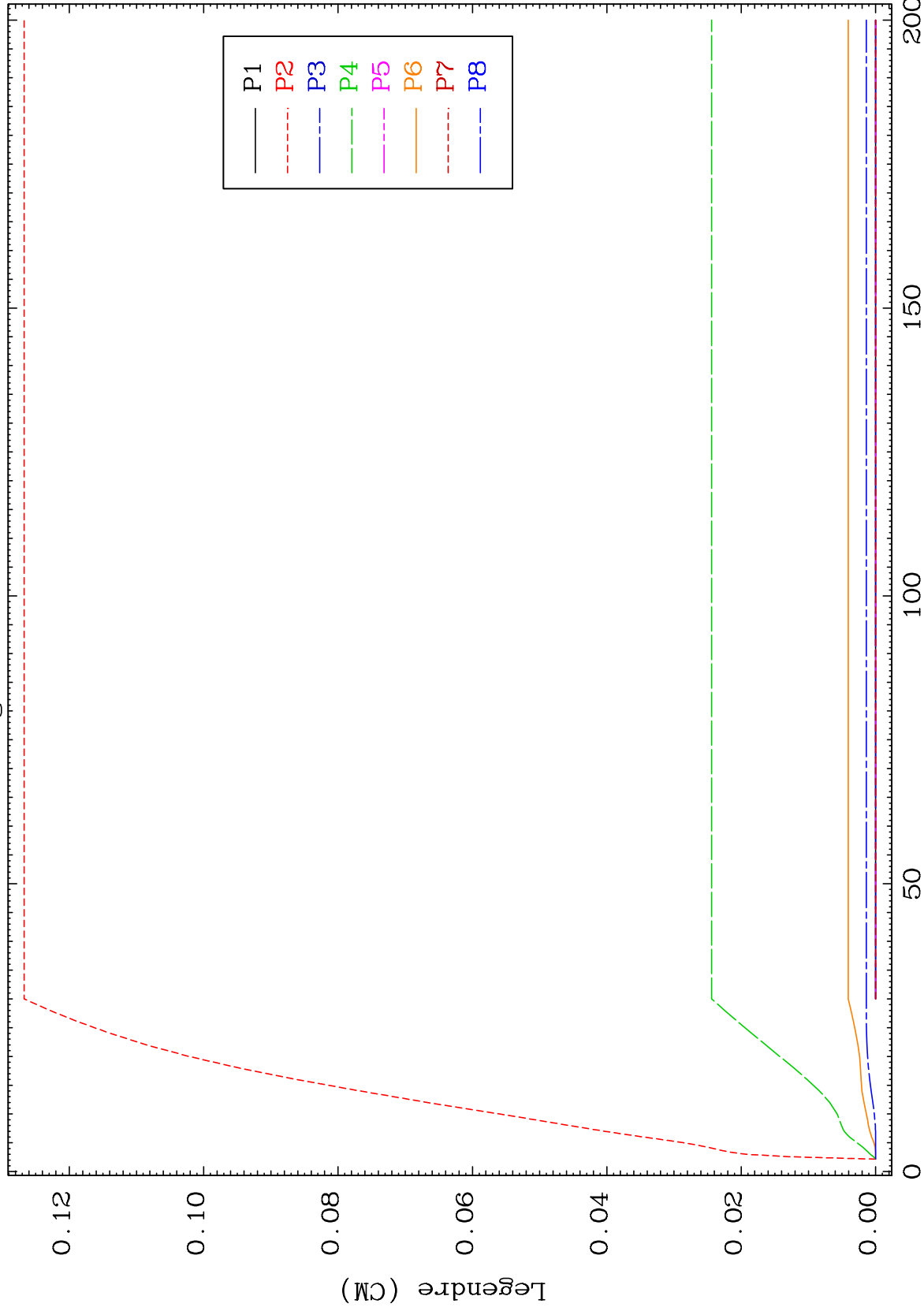
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



92

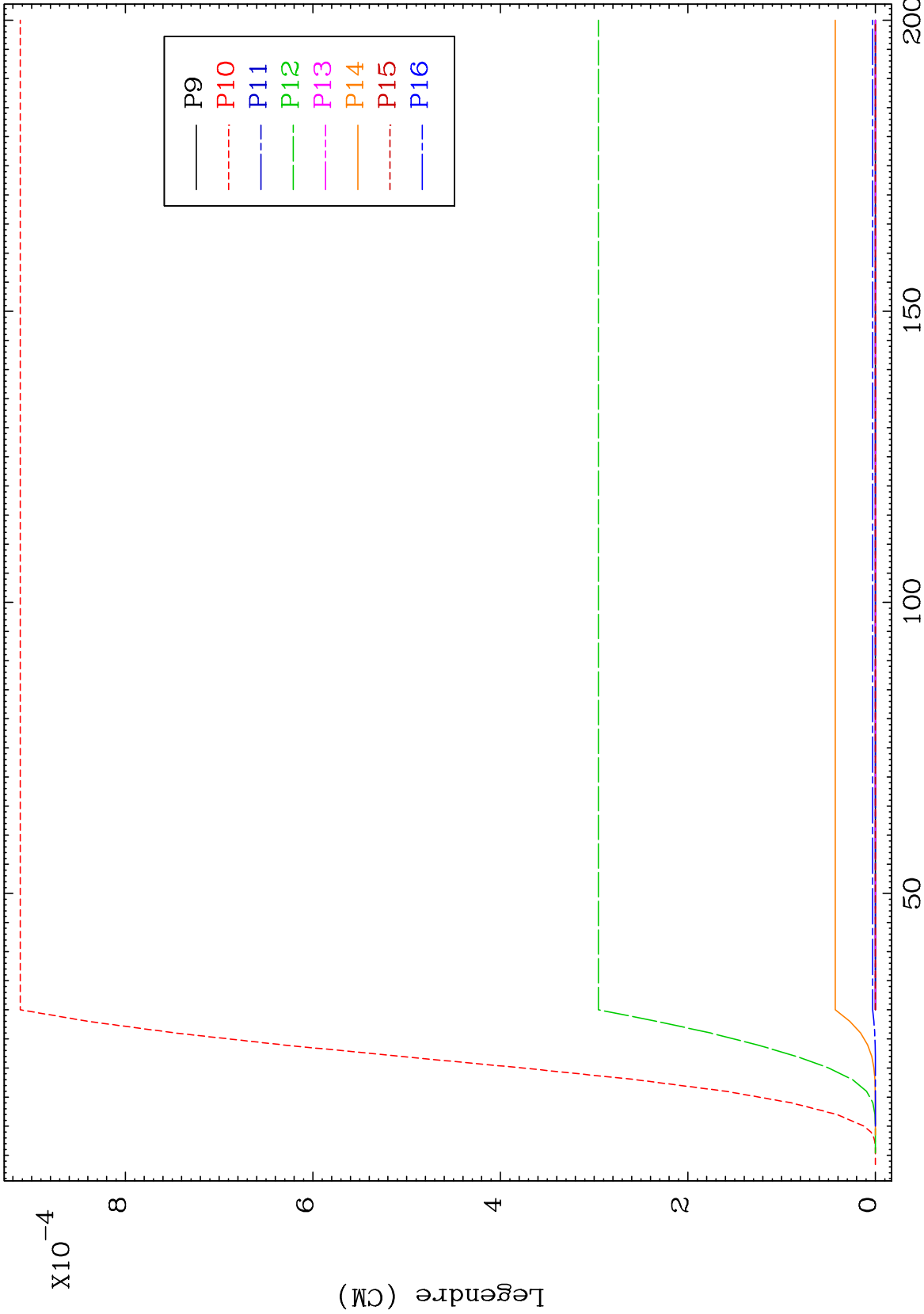
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



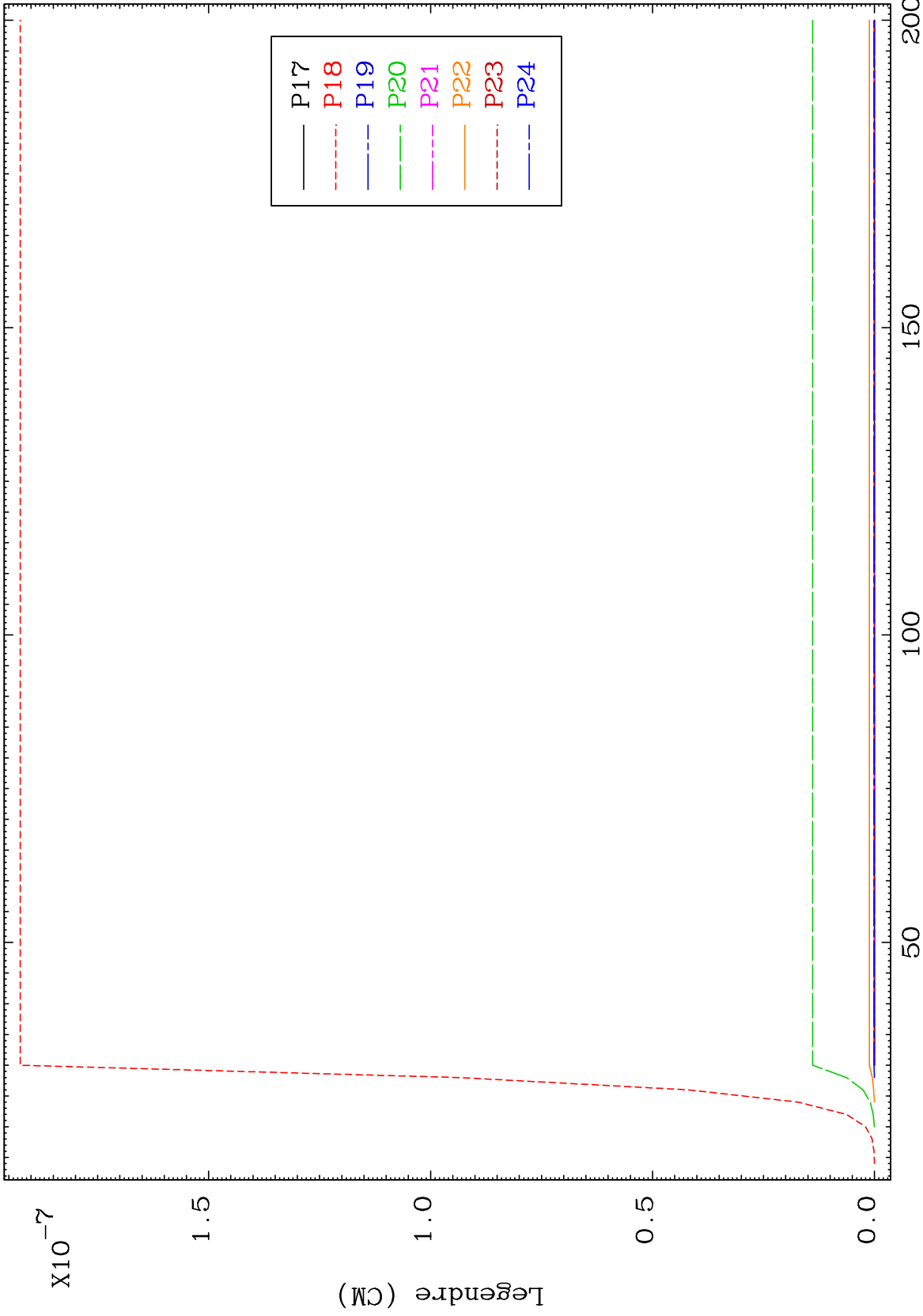
93

27-Co-62

MAT 2734

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

27-Co-62

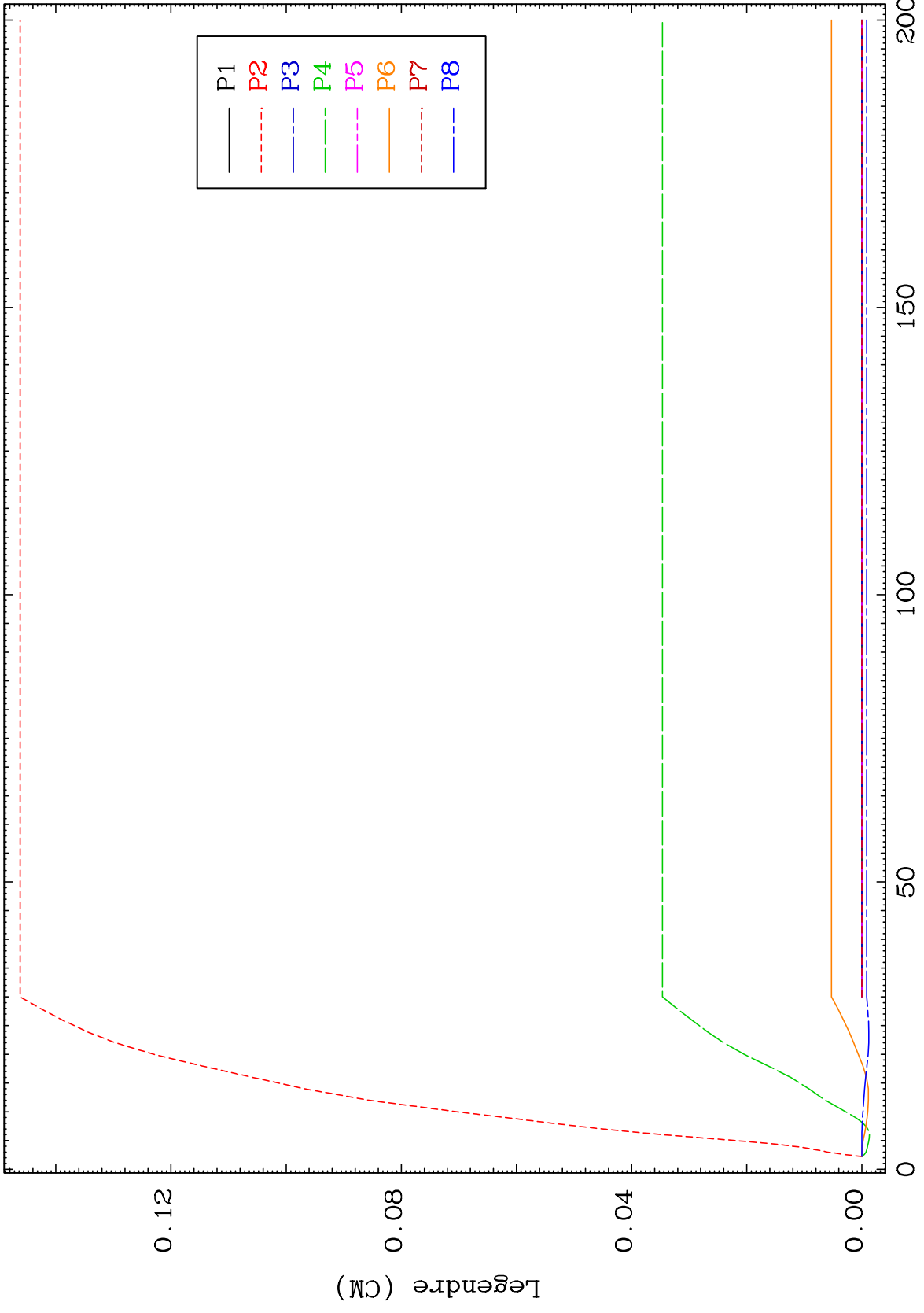


94

Incident Energy (MeV)

27-Co-62

MAT 2734 MT= 78 (n,n') Level Legendre Coefficients 27-Co-62

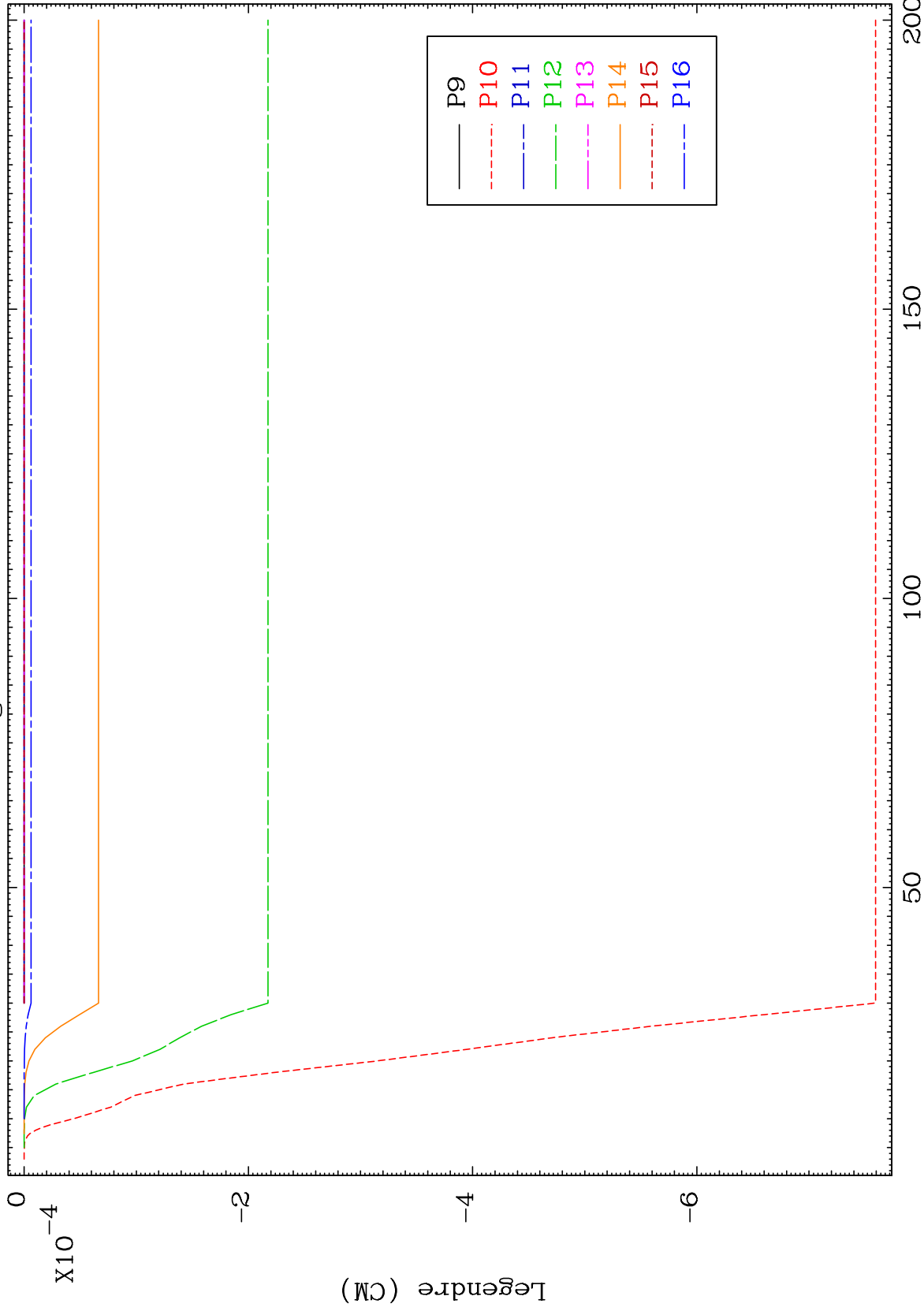


95 Incident Energy (MeV) 27-Co-62

MAT 2734

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

27-Co-62



96

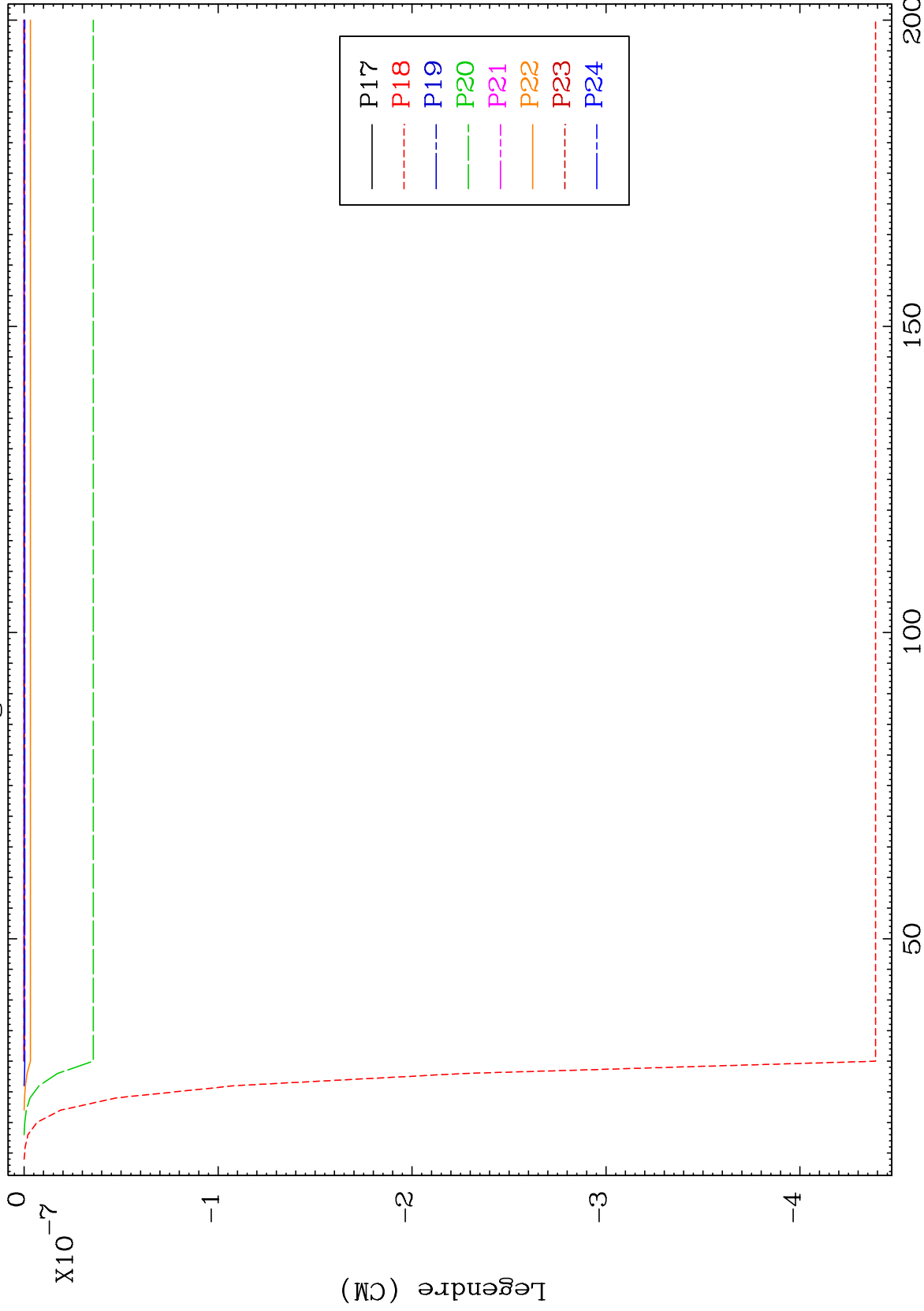
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

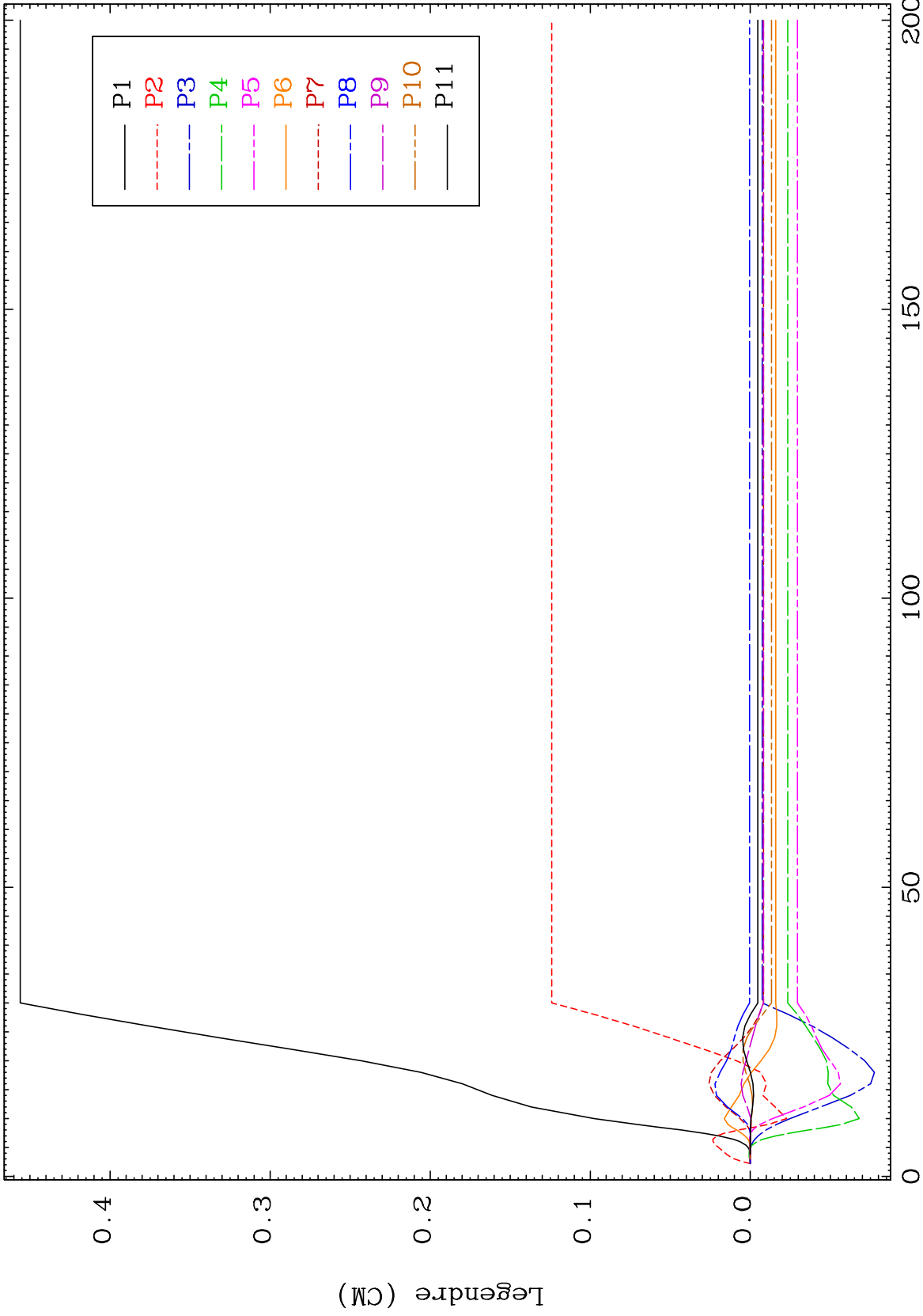
Incident Energy (MeV)

97

MAT 2734

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

27-Co-62



98

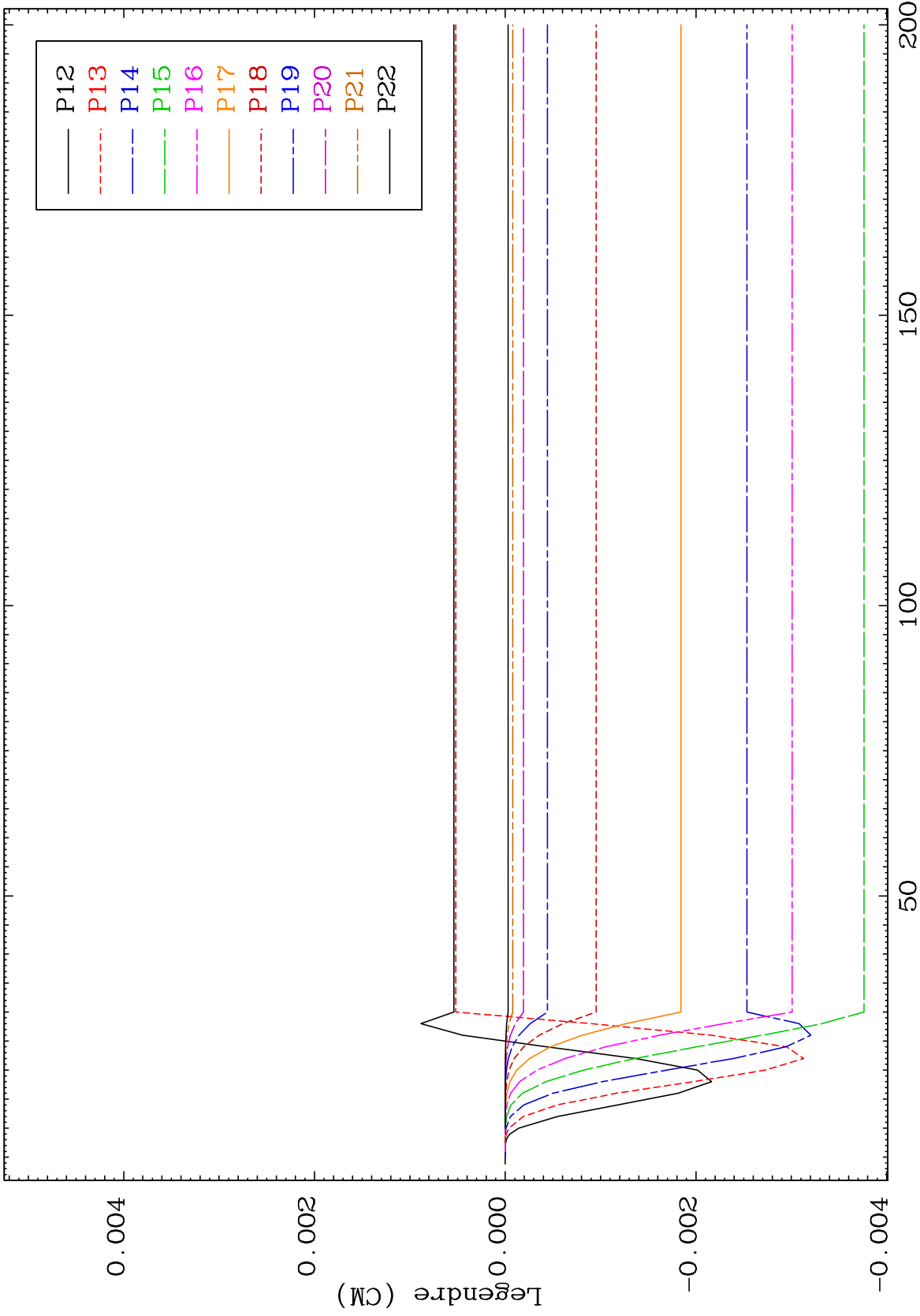
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



99

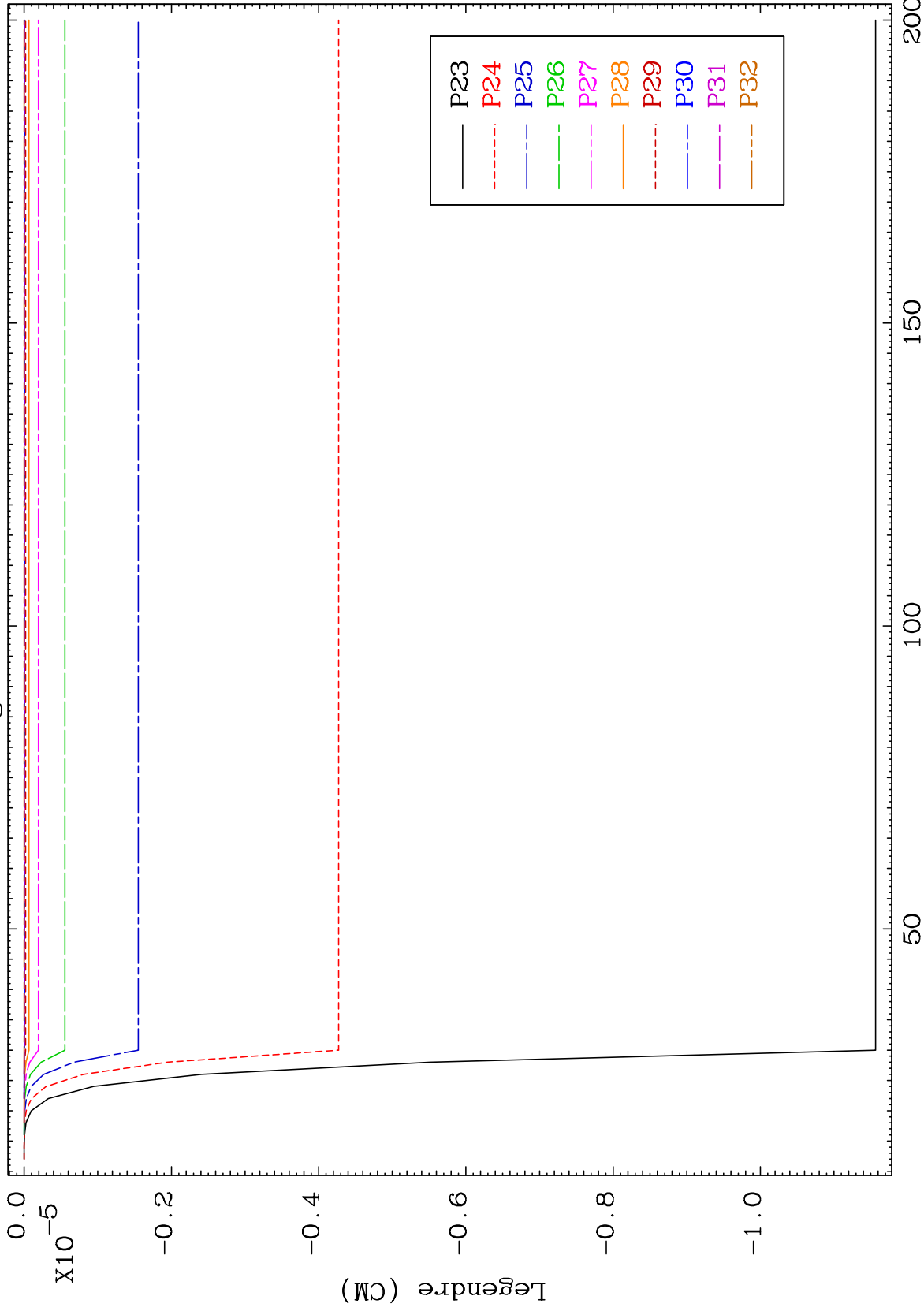
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

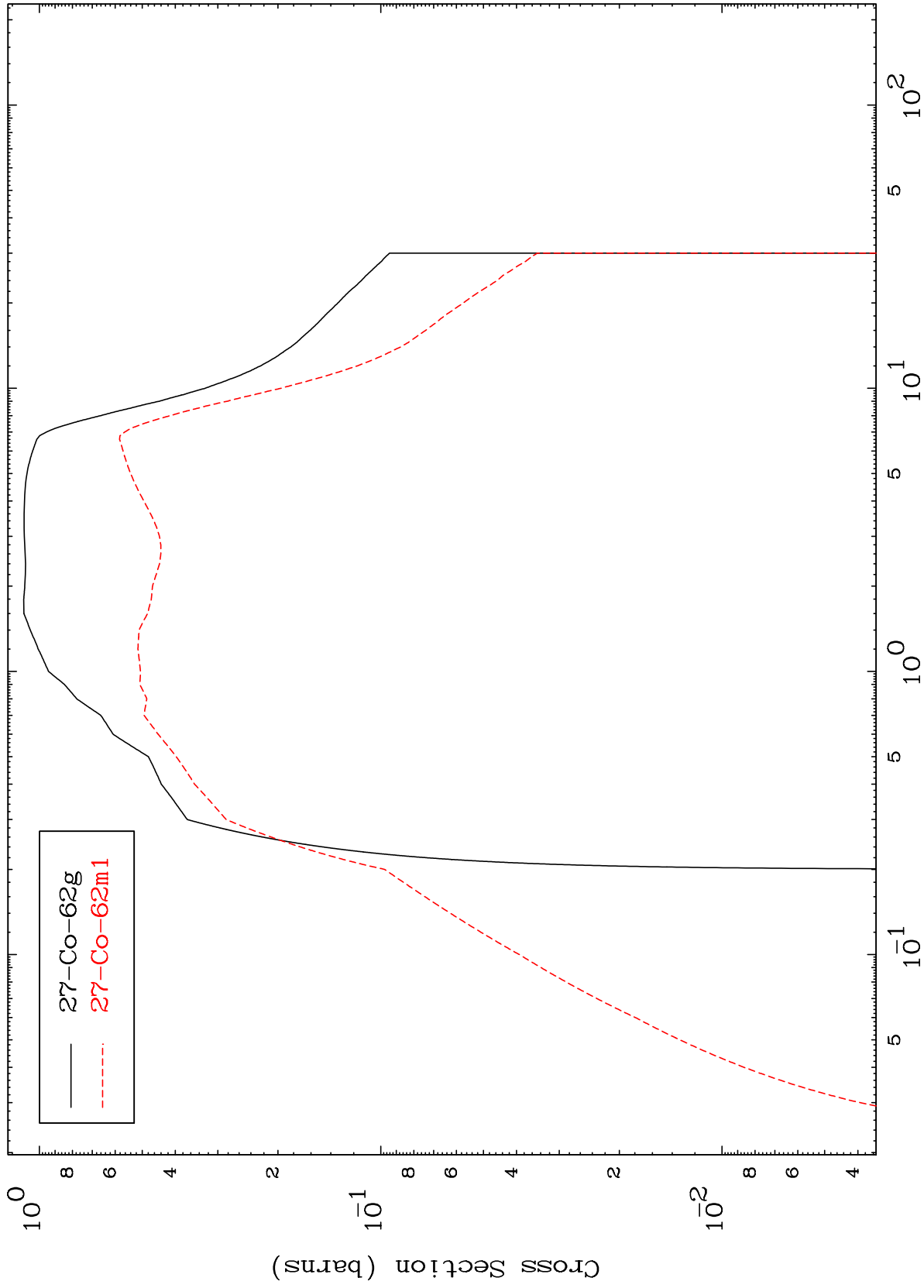
Incident Energy (MeV)

100

MAT 2734

27-Co-62

Inelastic Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

101

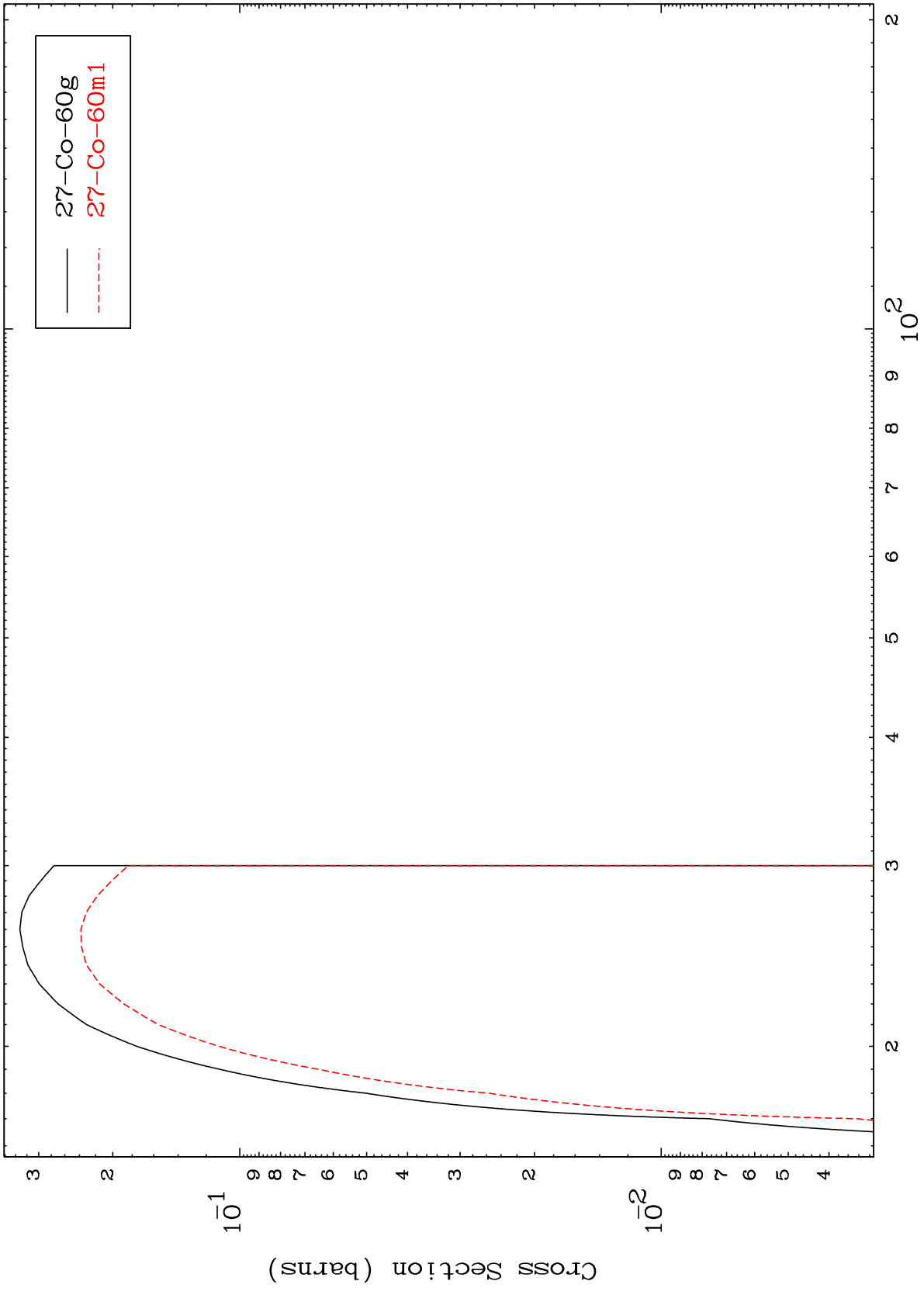
27-Co-62

MAT 2734

(n,3n)

²⁷Co-62

Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

102

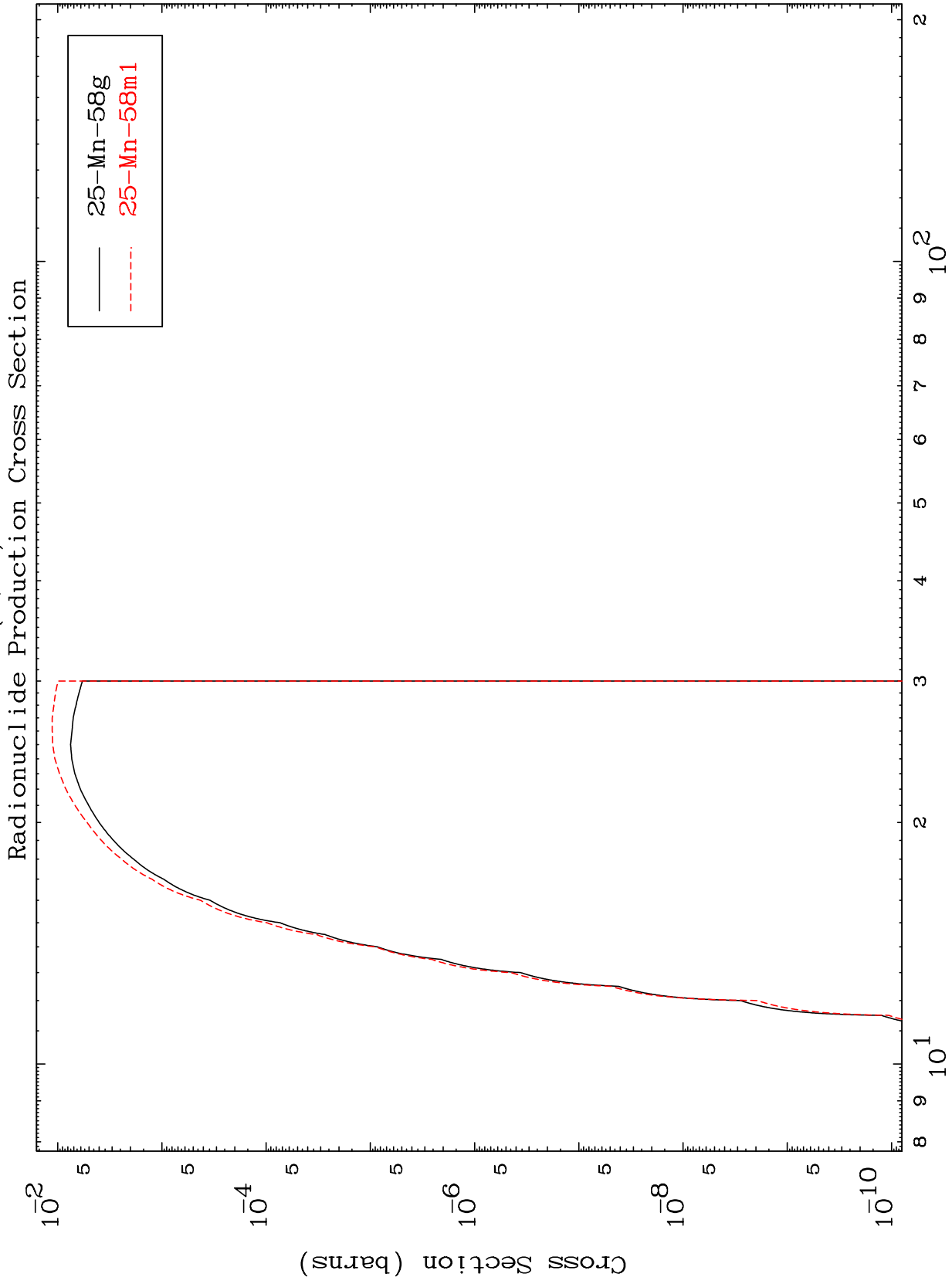
Incident Energy (MeV)

²⁷Co-62

MAT 2734

(n,n') α

27-Co-62



103

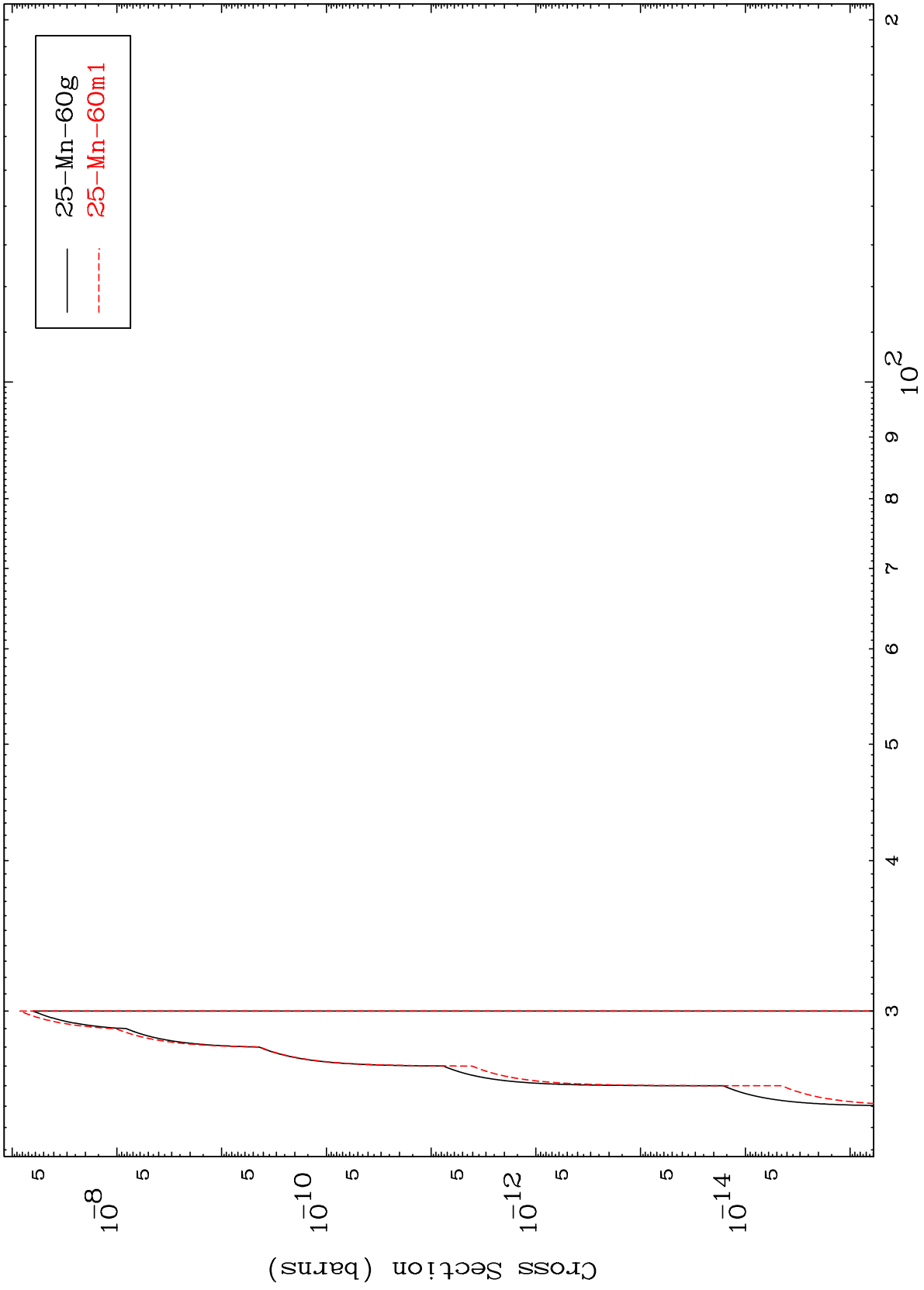
Incident Energy (MeV)

27-Co-62

MAT 2734

27-Co-62

(n,2n) p
Radionuclide Production Cross Section



104

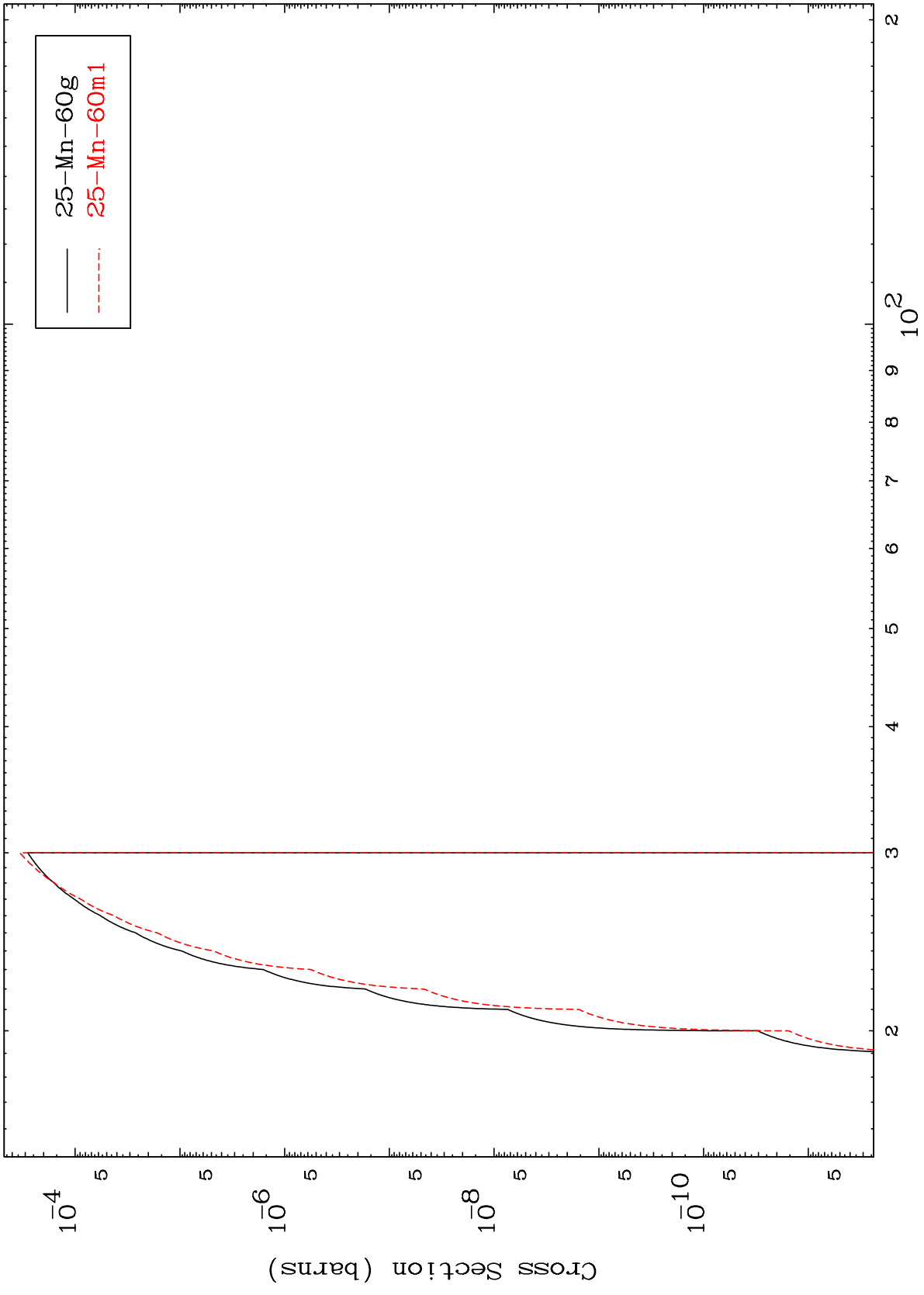
27-Co-62

MAT 2734

(n,He-3)

27-Co-62

Radionuclide Production Cross Section



105

Incident Energy (MeV)

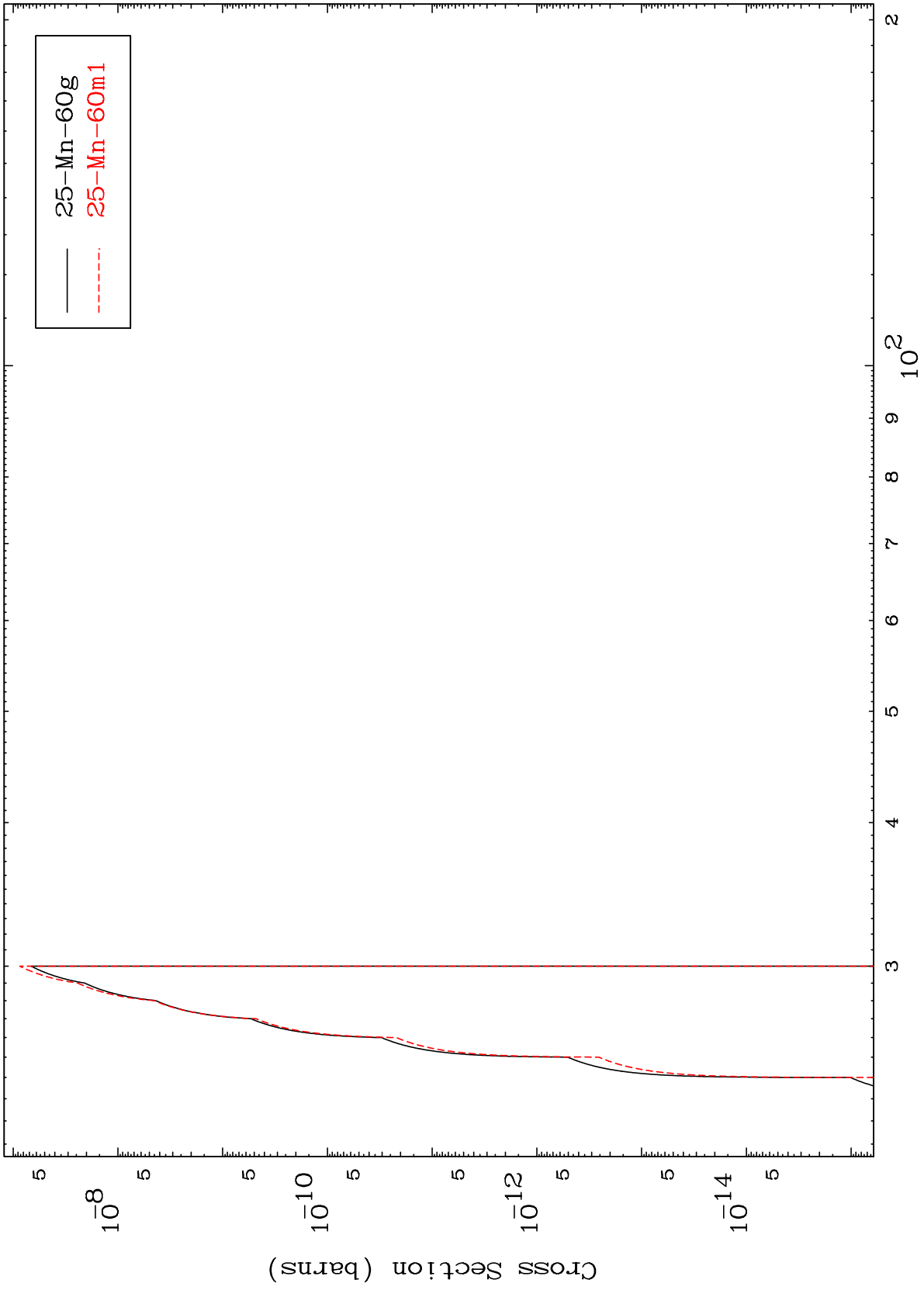
27-Co-62

MAT 2734

(n,p) d

27-Co-62

Radionuclide Production Cross Section



106

Incident Energy (MeV)

27-Co-62