

Program EVALPLOT
(Version 2018-1)

by

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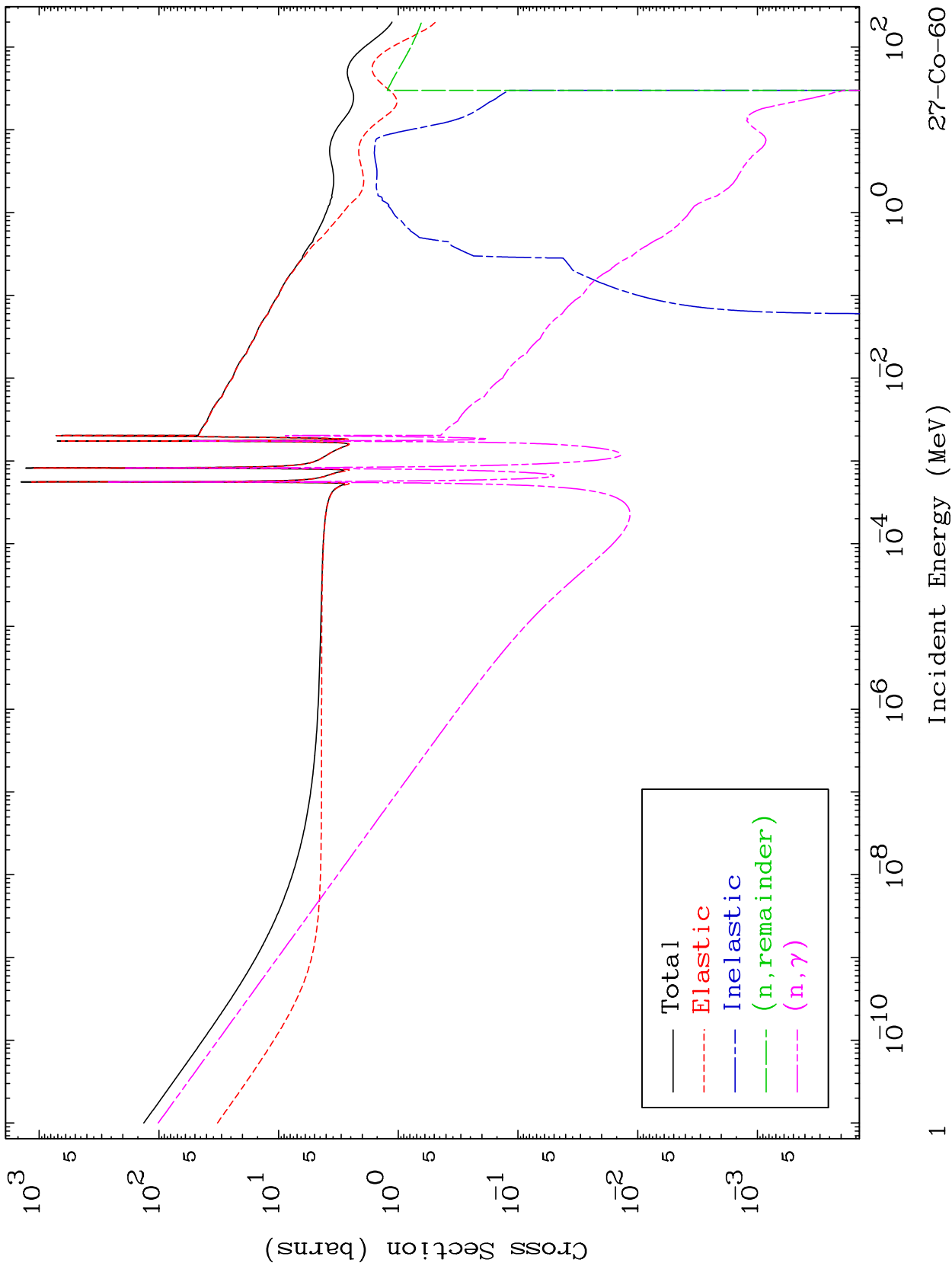
Press Mouse Button to Start

MAT 2728

Major

293 Kelvin Cross Sections

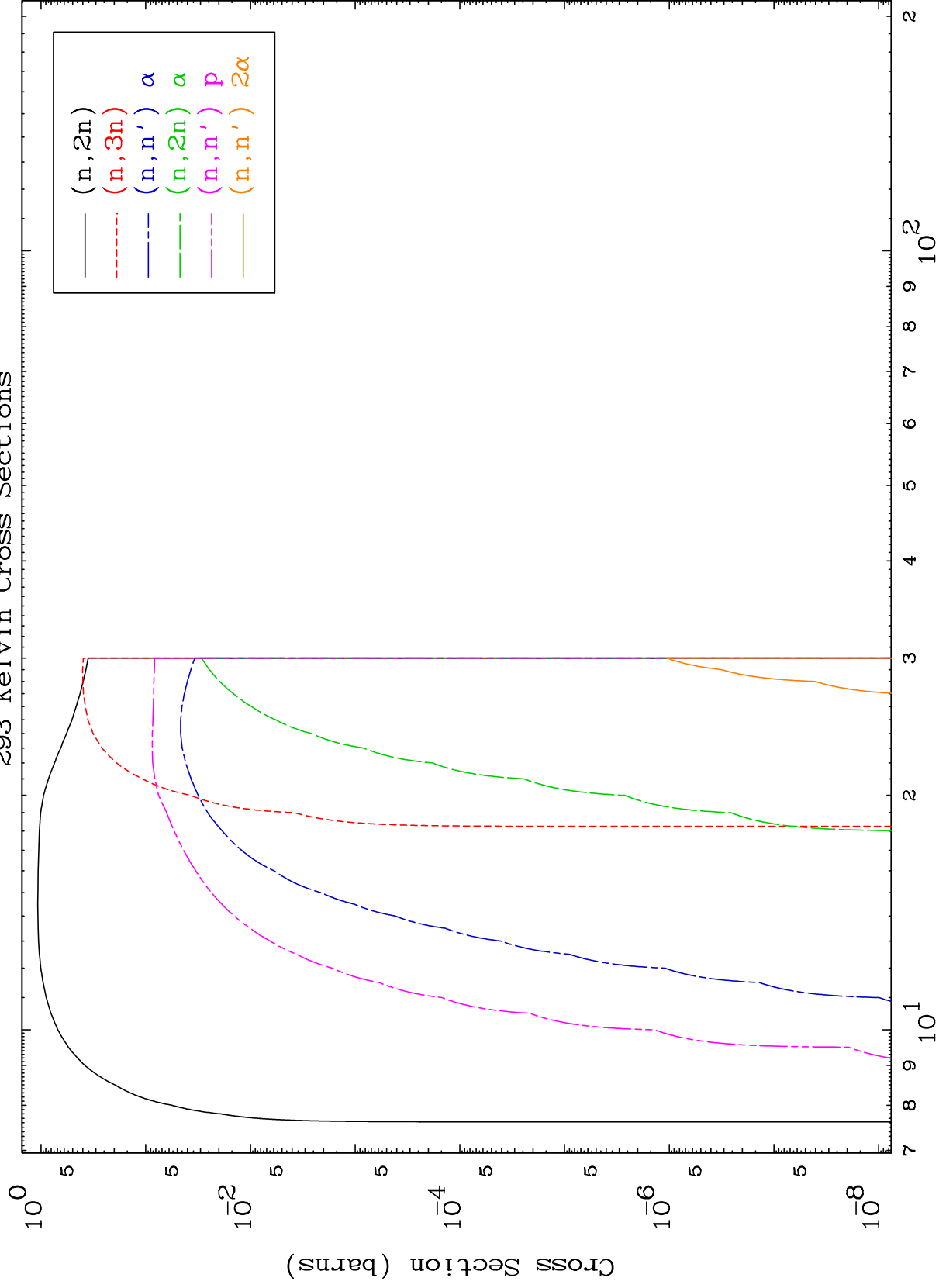
27-Co-60



MAT 2728

Neutron Production
293 Kelvin Cross Sections

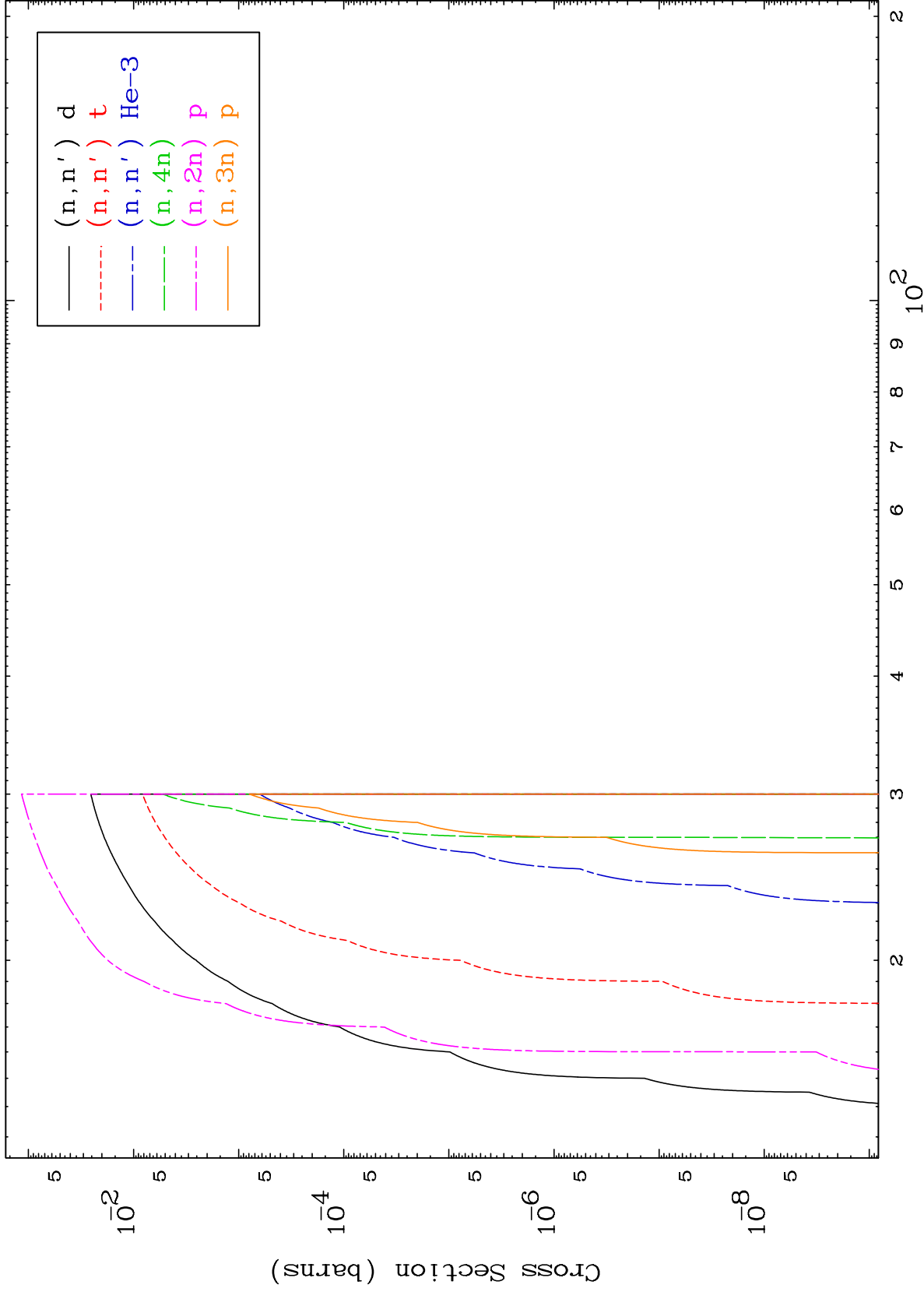
27-Co-60

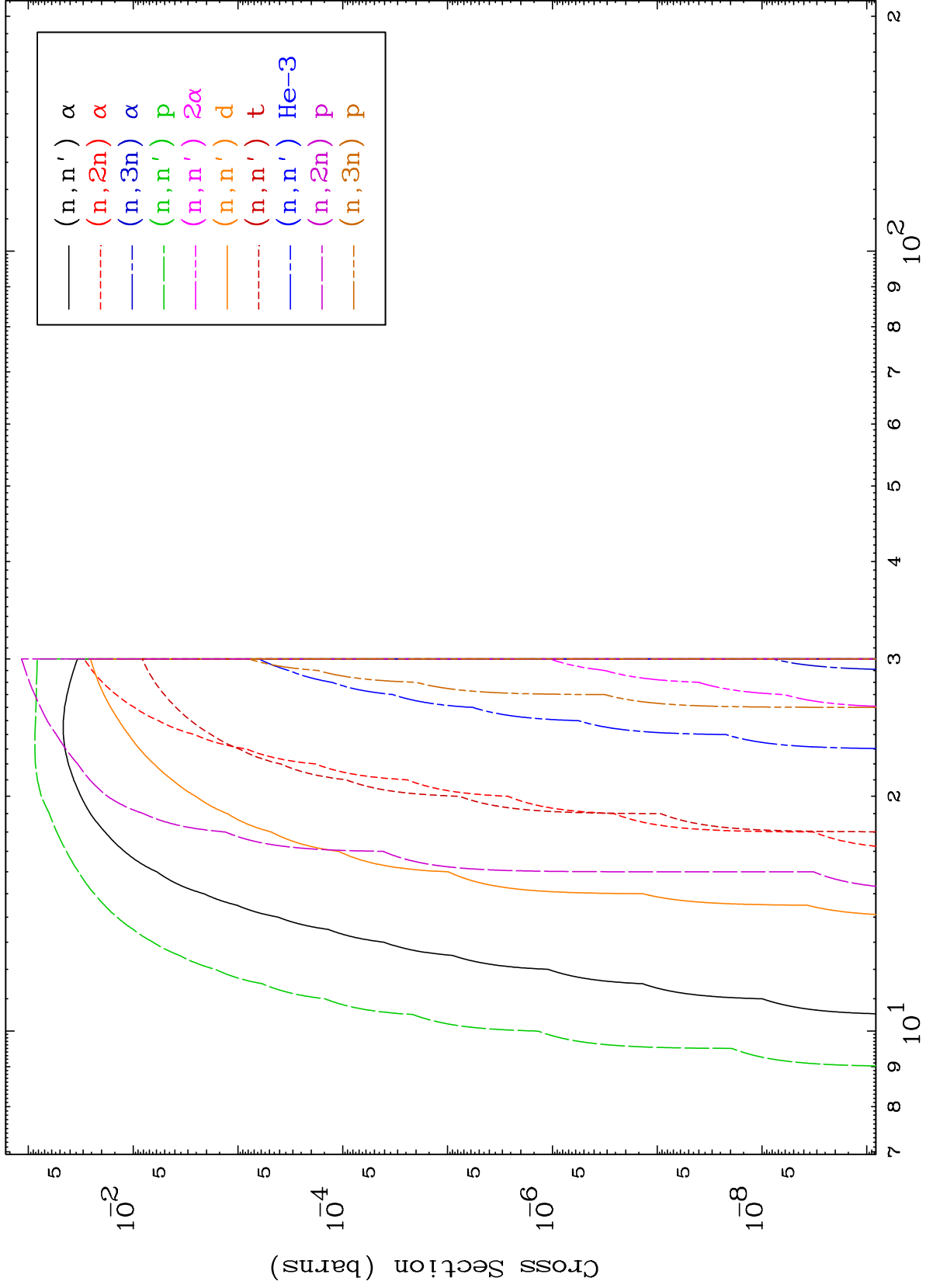


2

Incident Energy (MeV)

27-Co-60

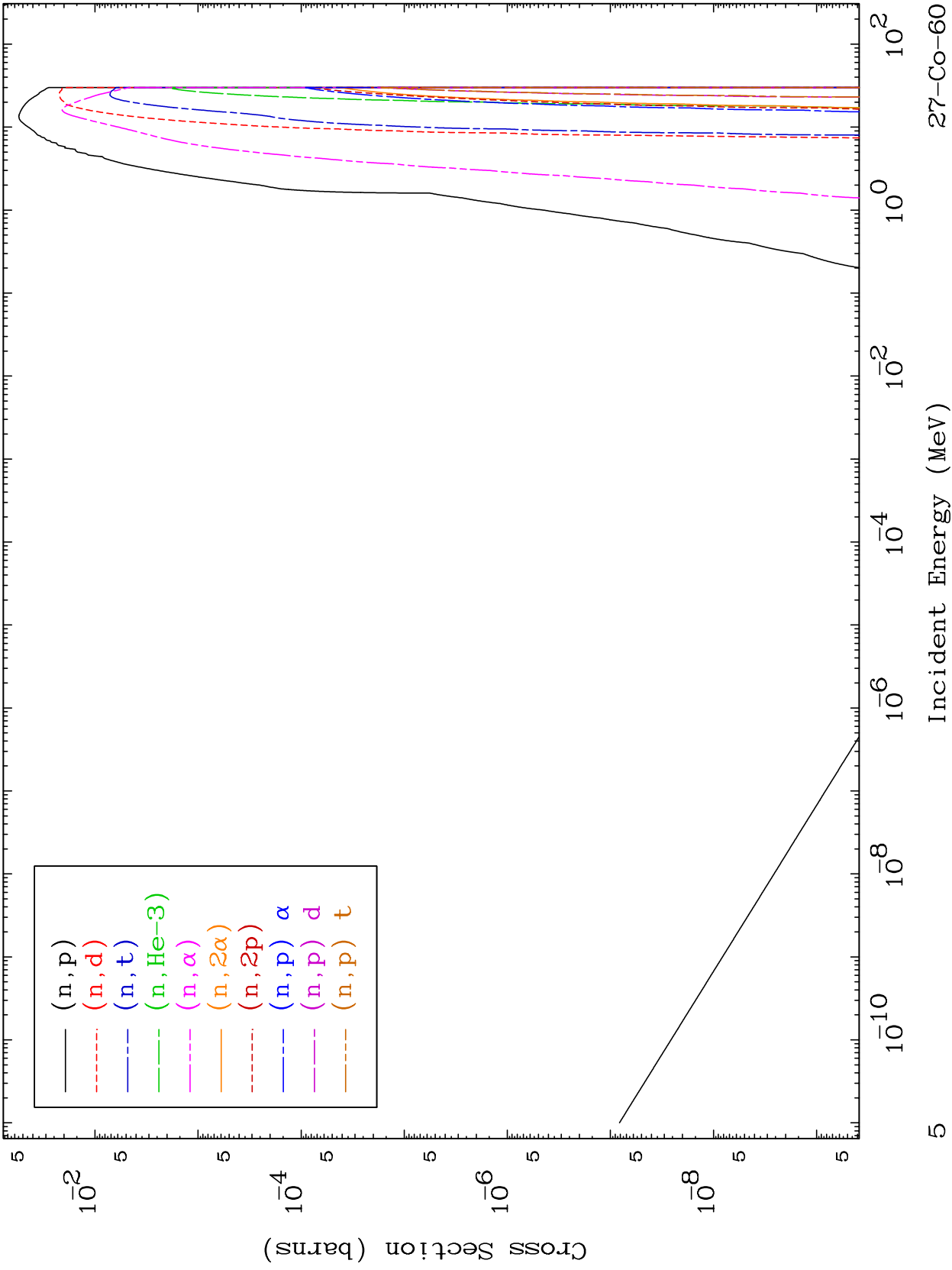




MAT 2728

Charged Particle
293 Kelvin Cross Sections

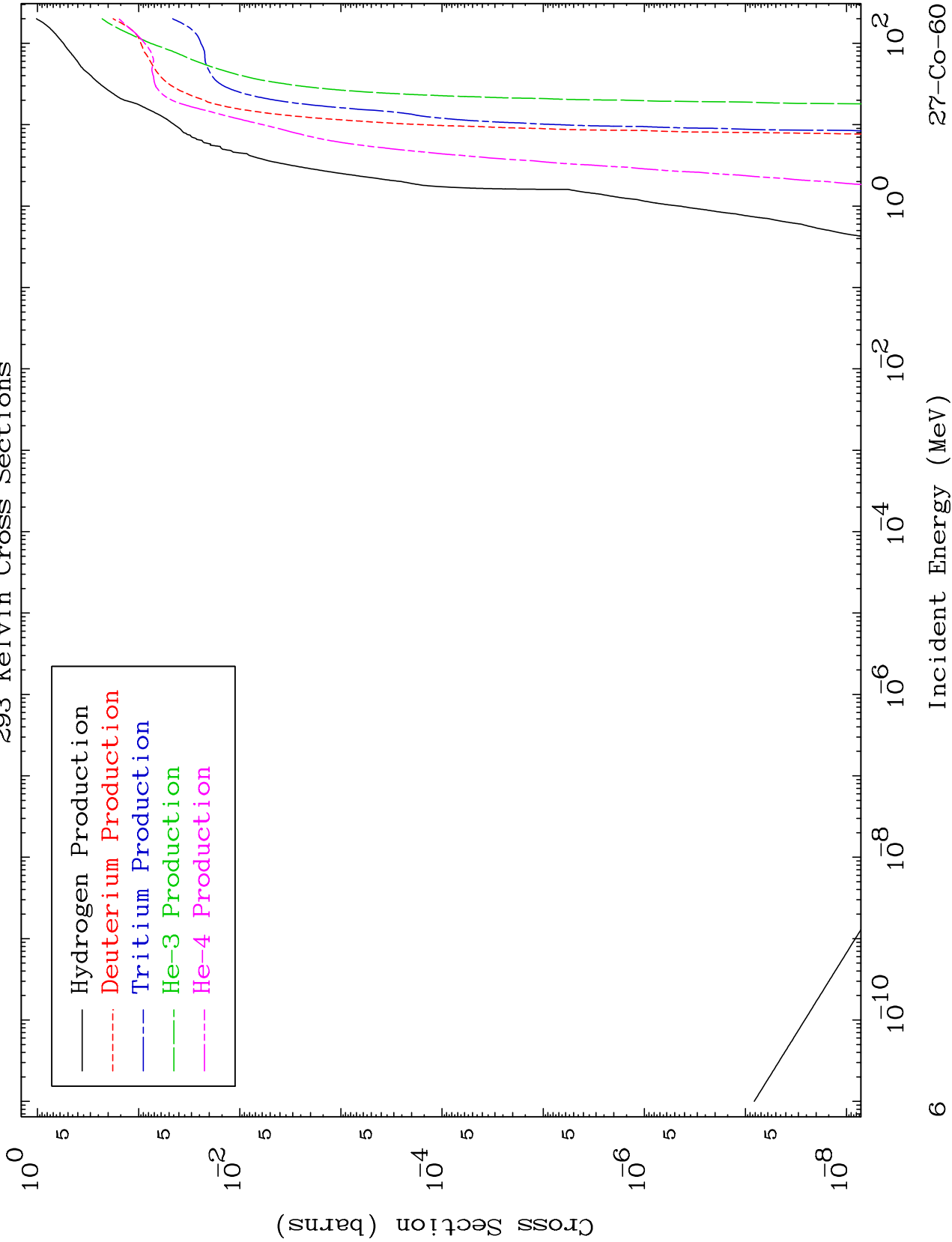
27-Co-60



MAT 2728

Particle Production
293 Kelvin Cross Sections

27-Co-60

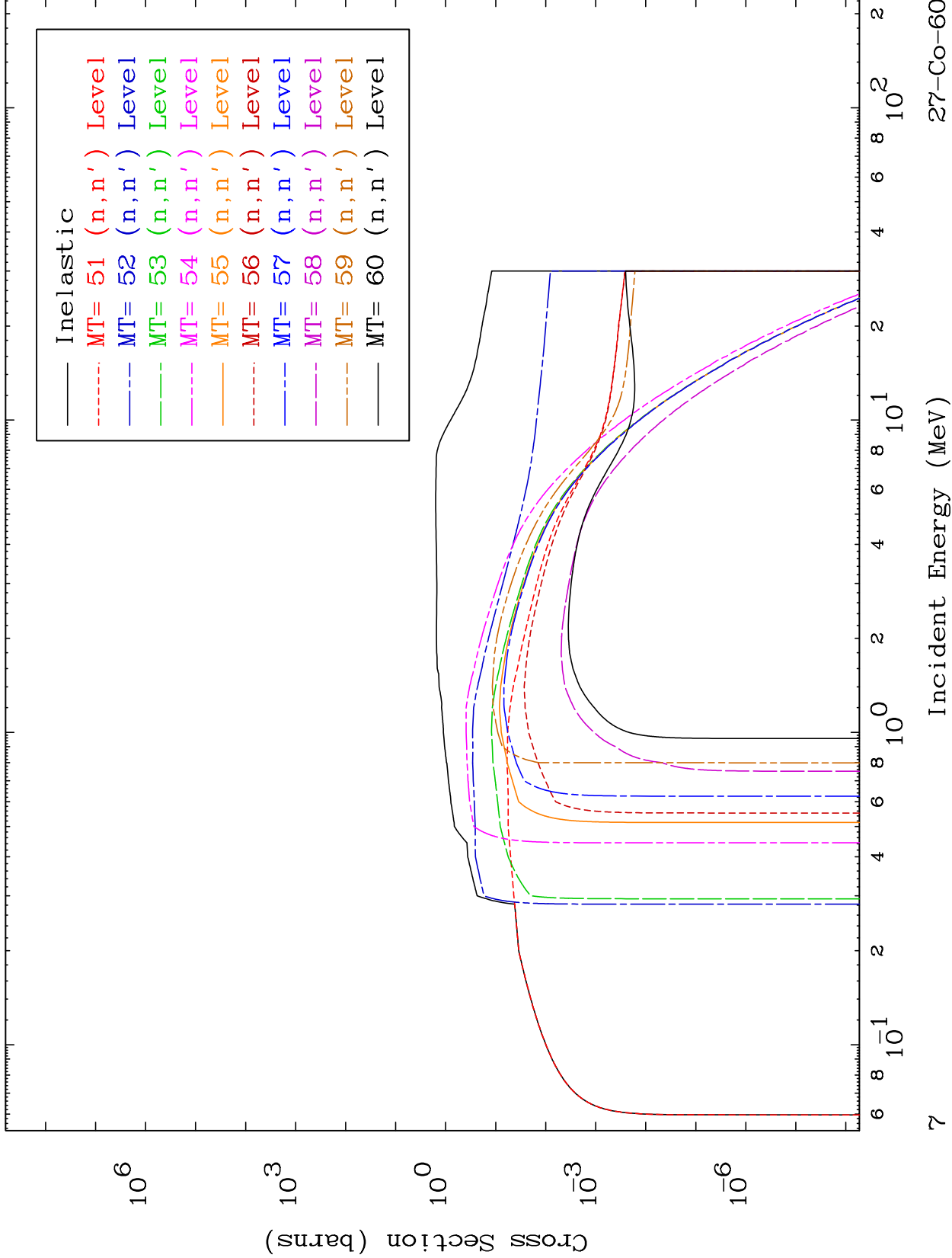


MAT 2728

(n,n') Level

27-Co-60

293 Kelvin Cross Sections

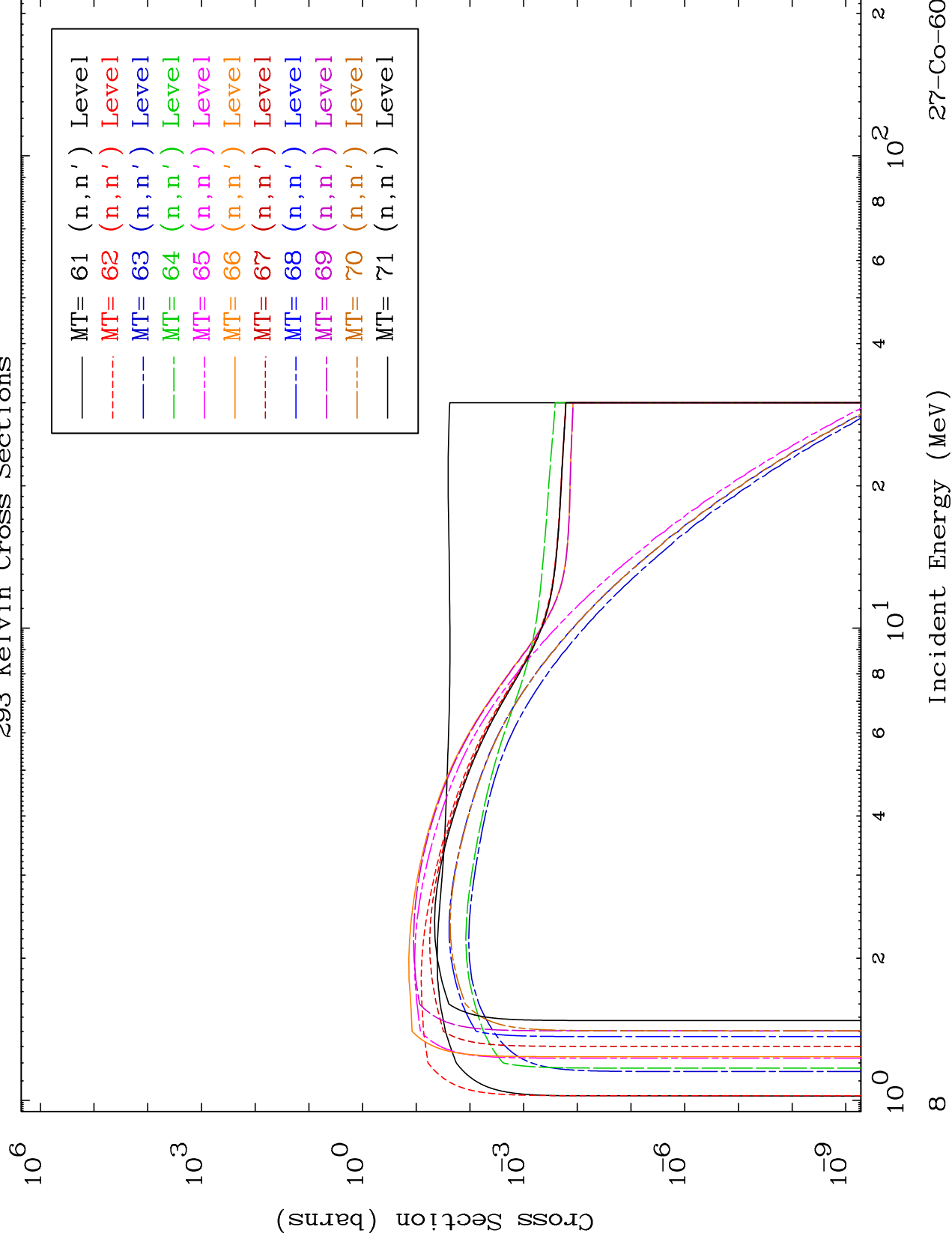


MAT 2728

(n,n') Level

27-Co-60

293 Kelvin Cross Sections



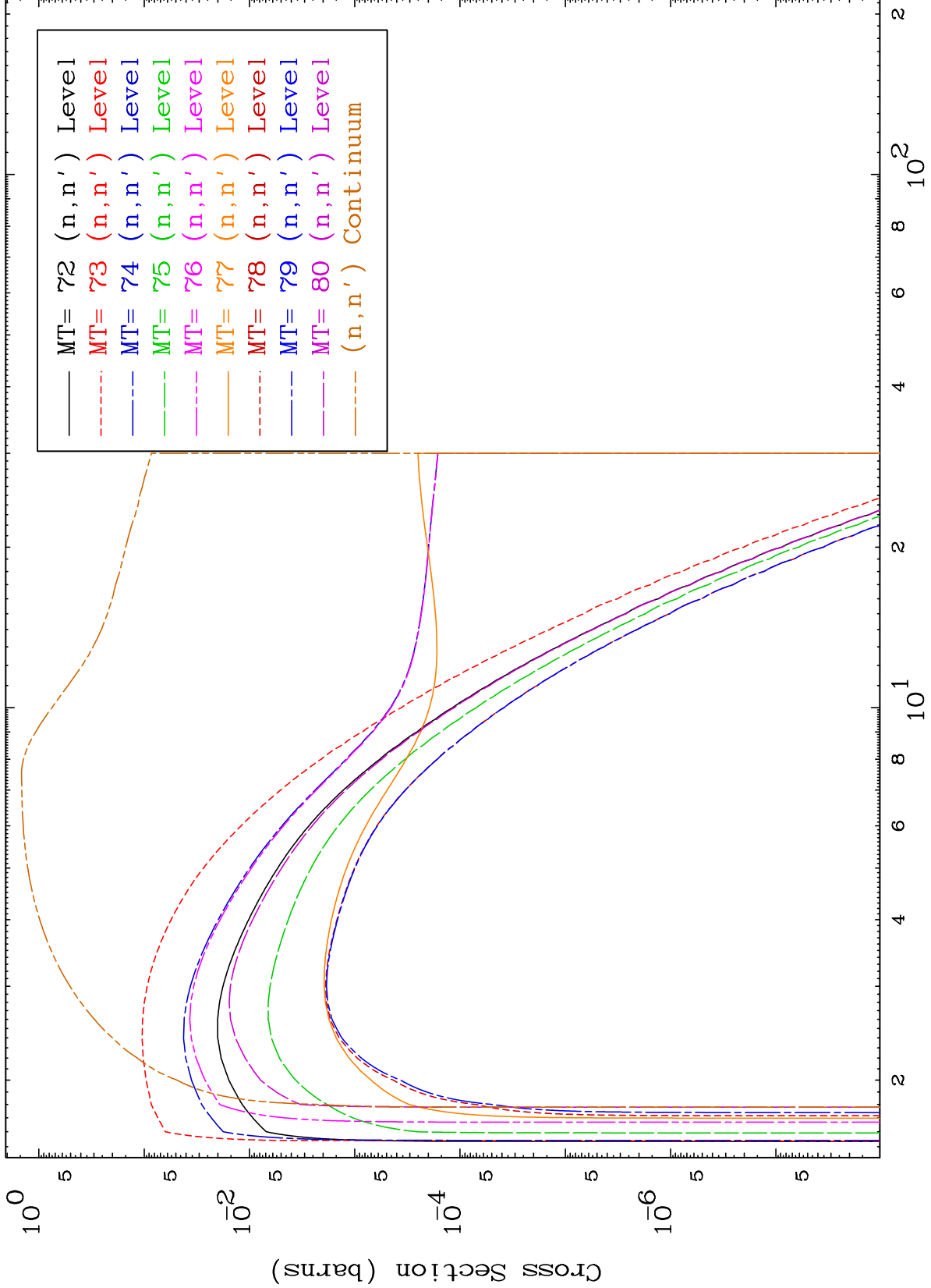
27-Co-60

MAT 2728

(n,n') Level

27-Co-60

293 Kelvin Cross Sections



9

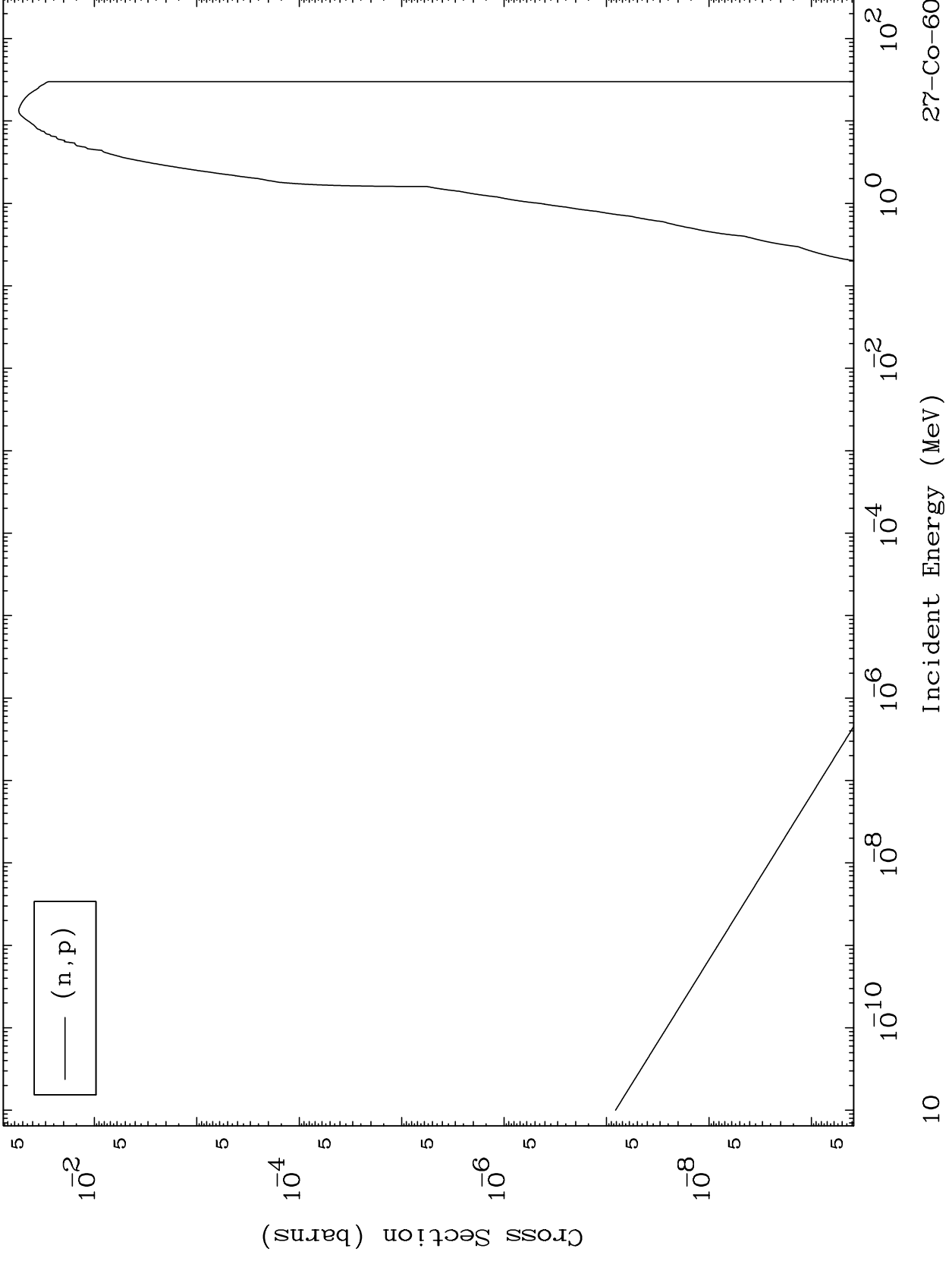
Incident Energy (MeV)

27-Co-60

MAT 2728

(n,p) Levels
293 Kelvin Cross Sections

²⁷Co-60



10

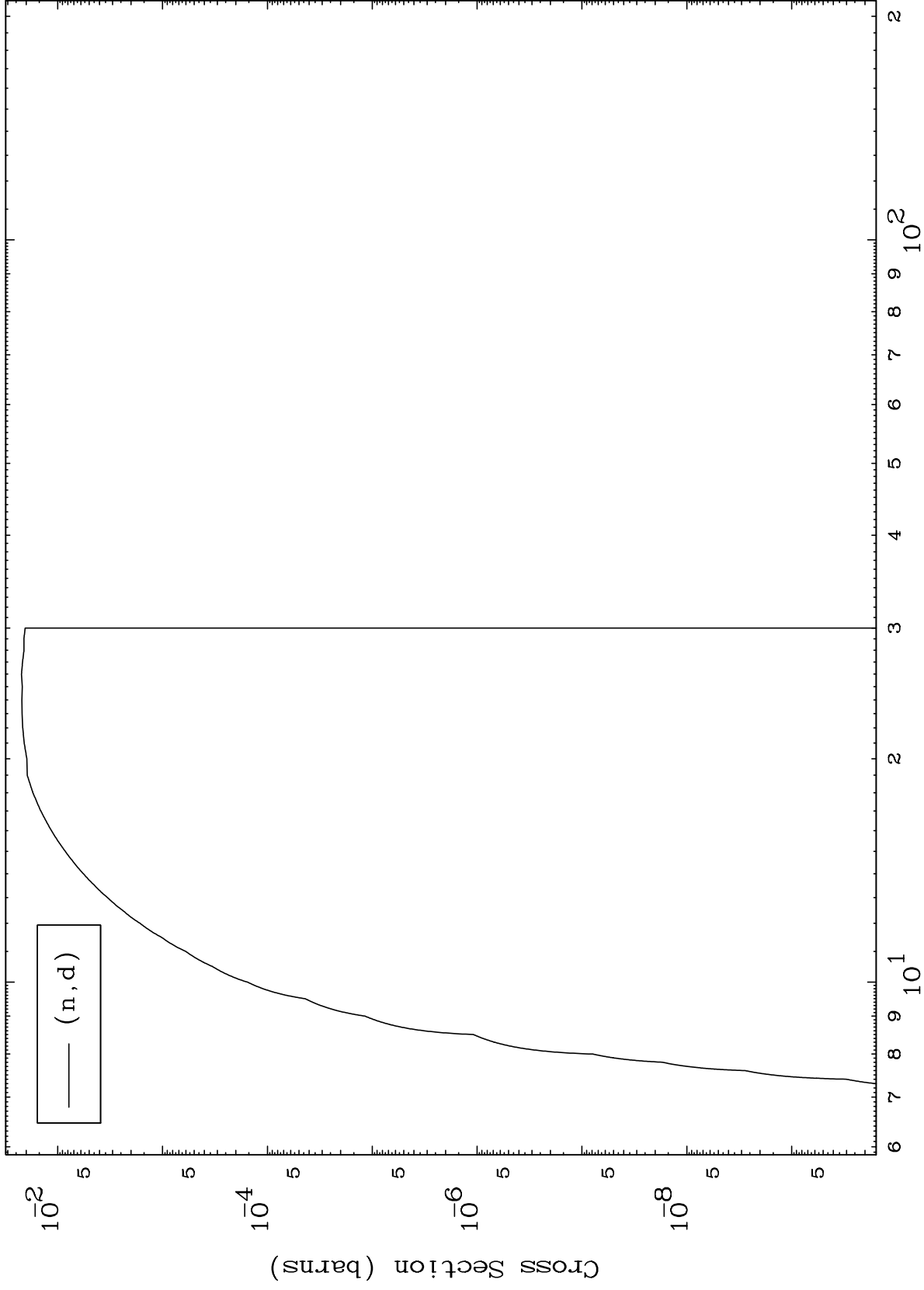
Incident Energy (MeV)

²⁷Co-60

MAT 2728

(n,d) Levels
293 Kelvin Cross Sections

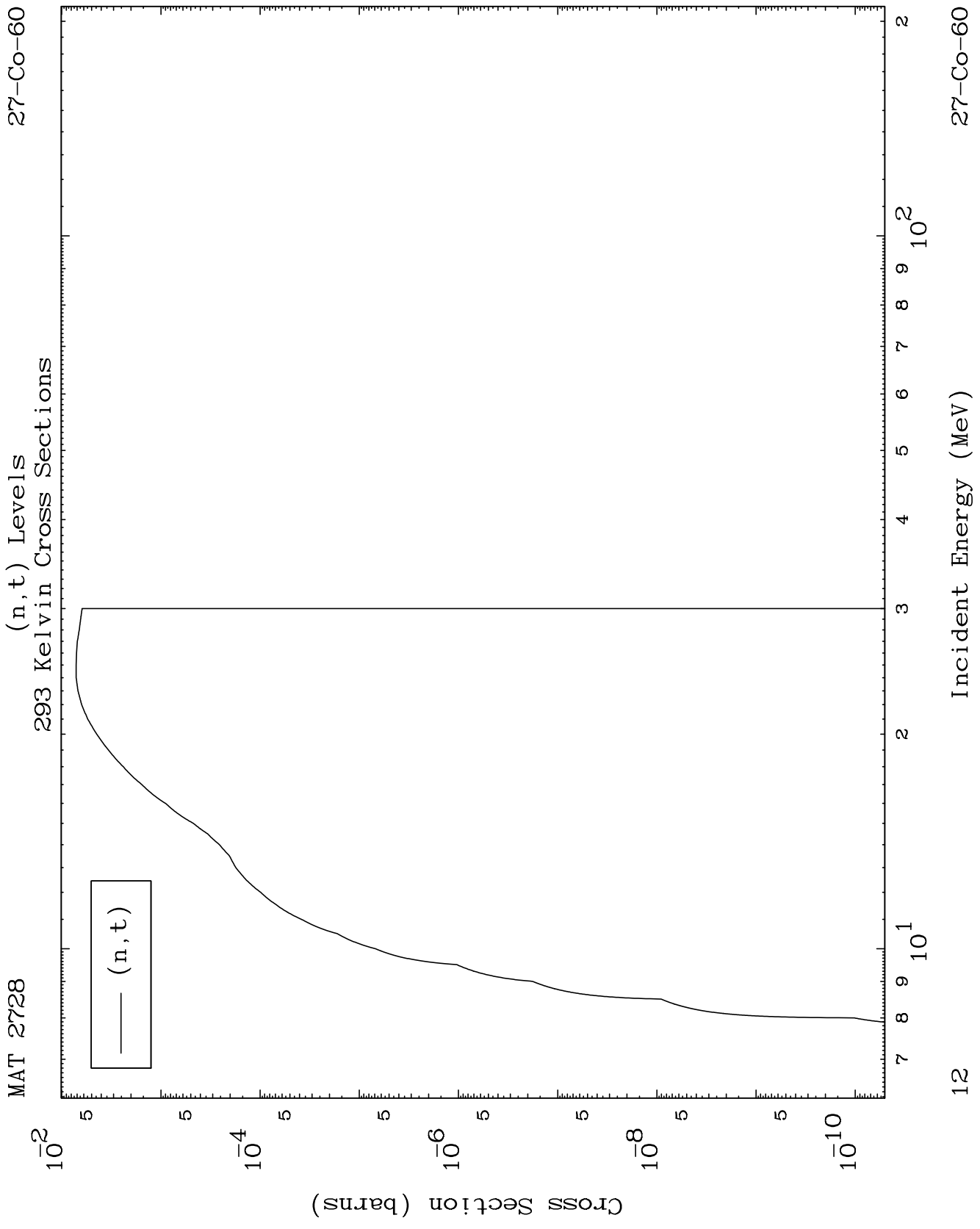
27-Co-60

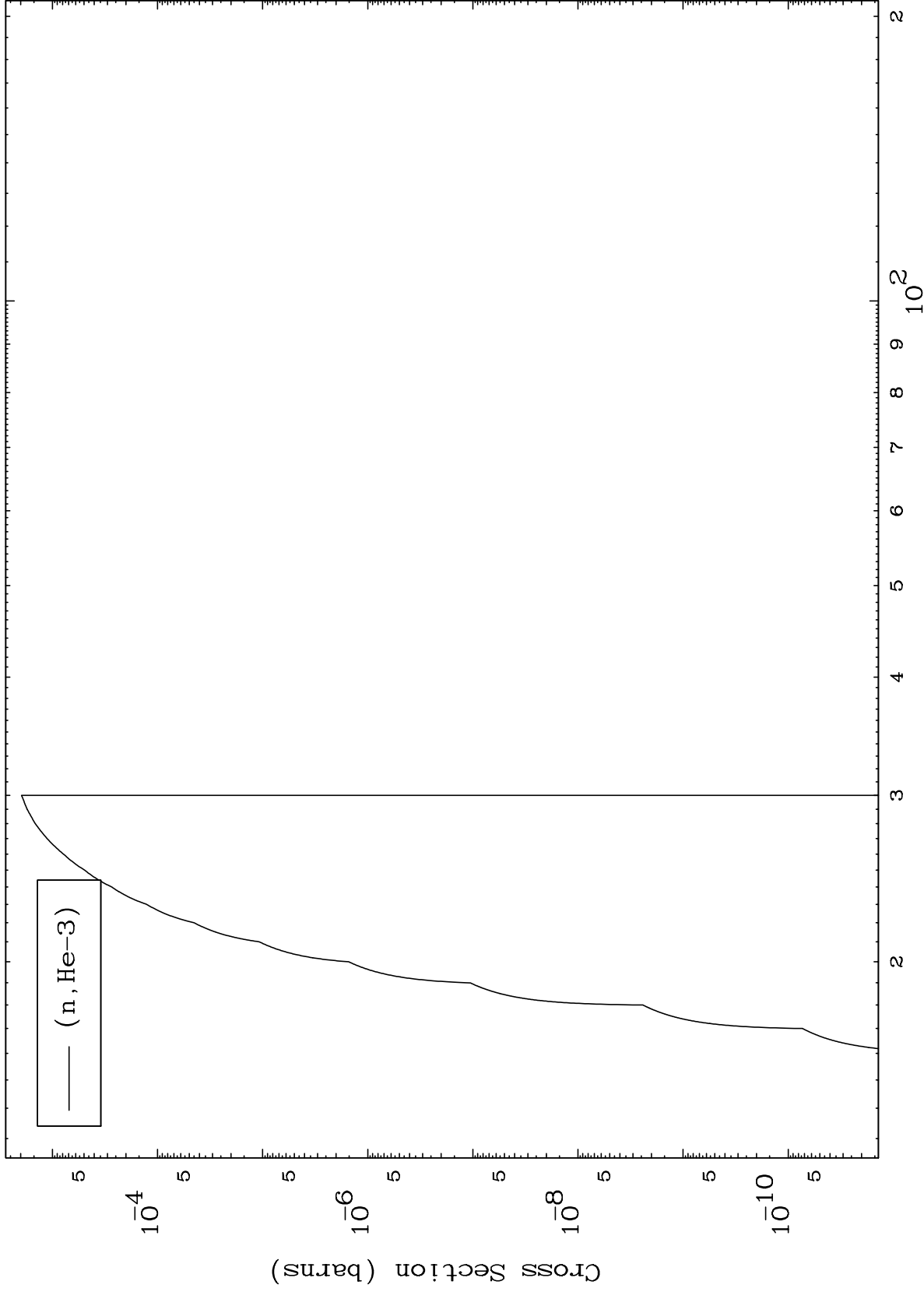


11

Incident Energy (MeV)

27-Co-60

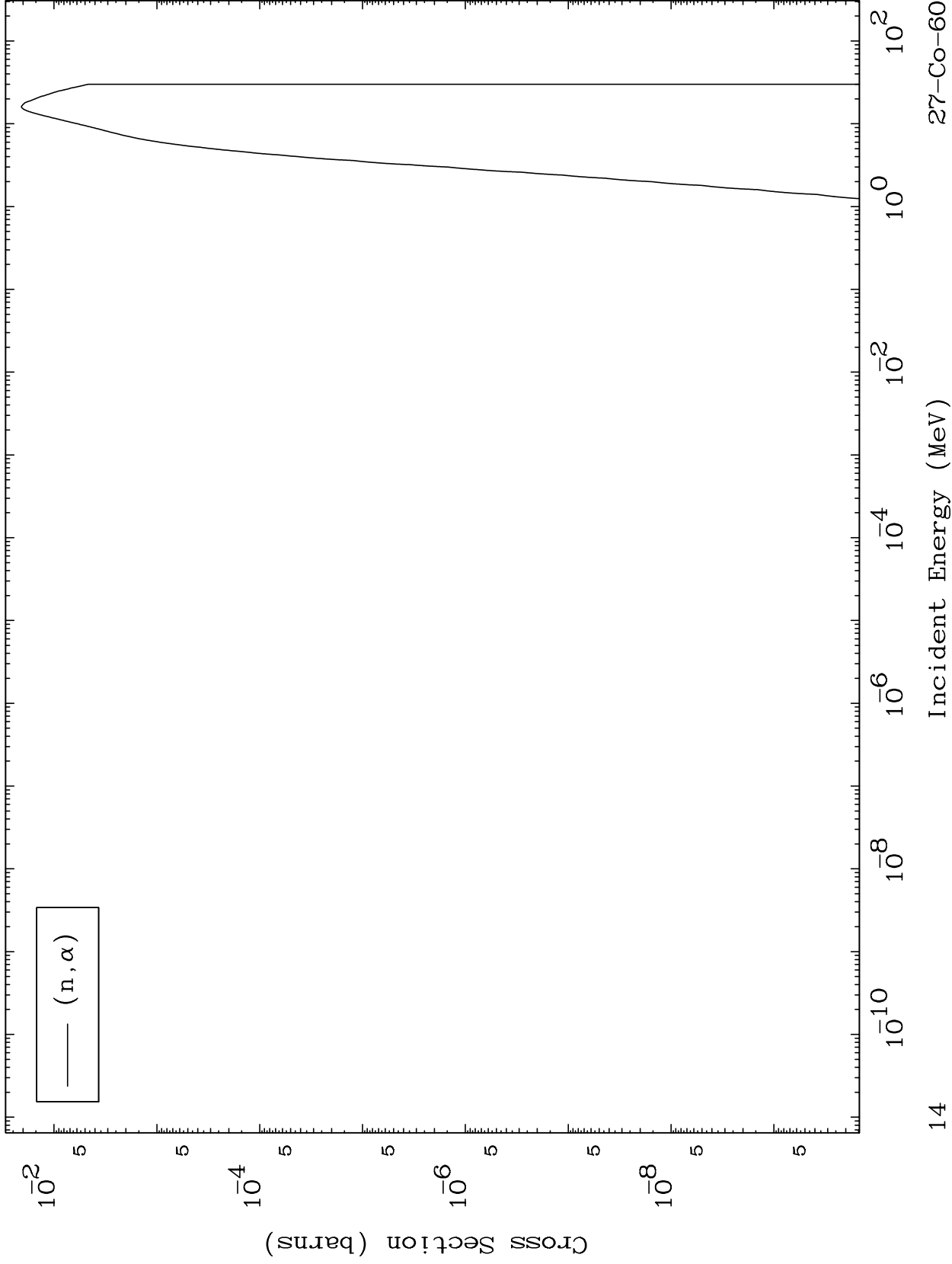


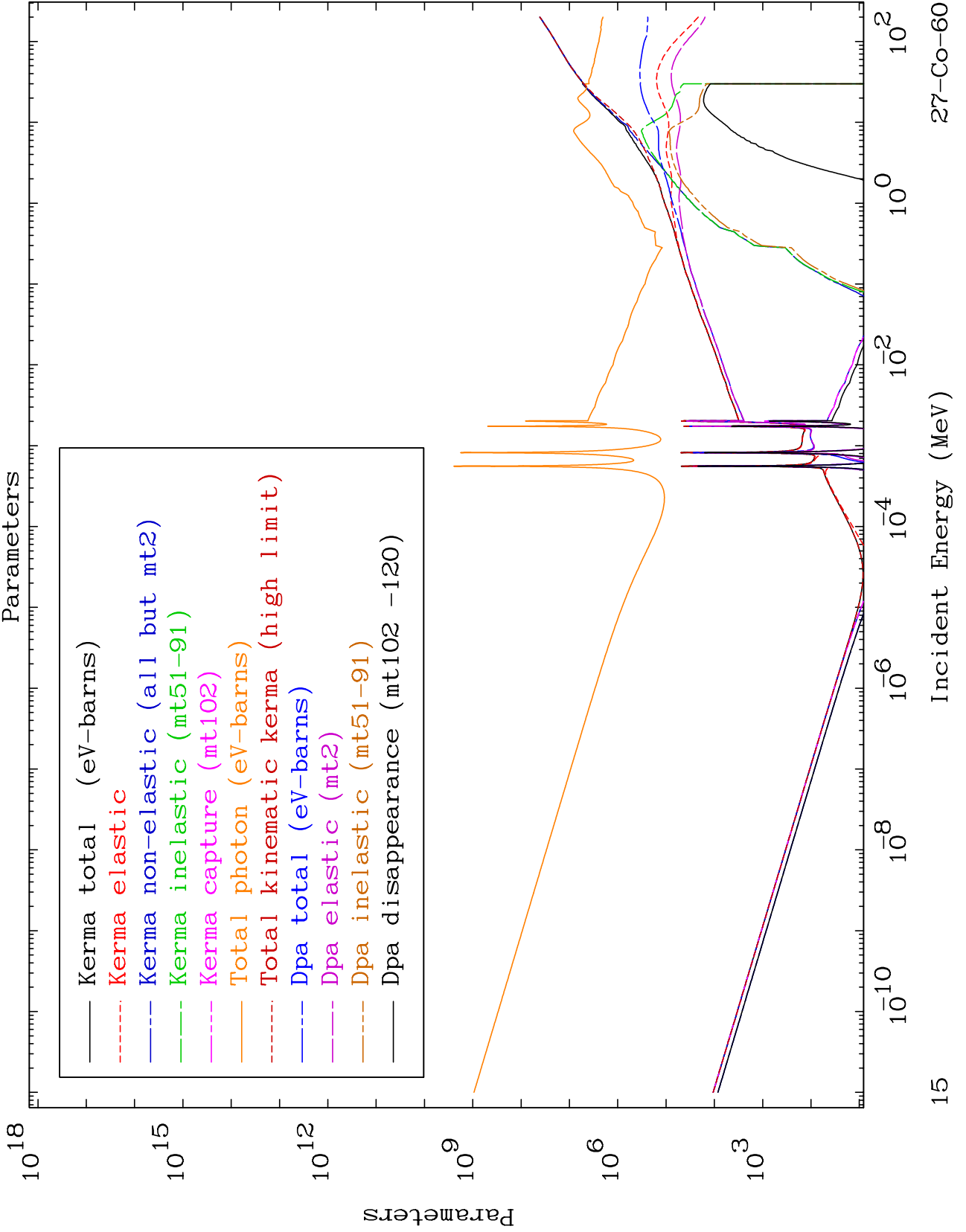


MAT 2728

(n, α) Levels
293 Kelvin Cross Sections

²⁷Co-60

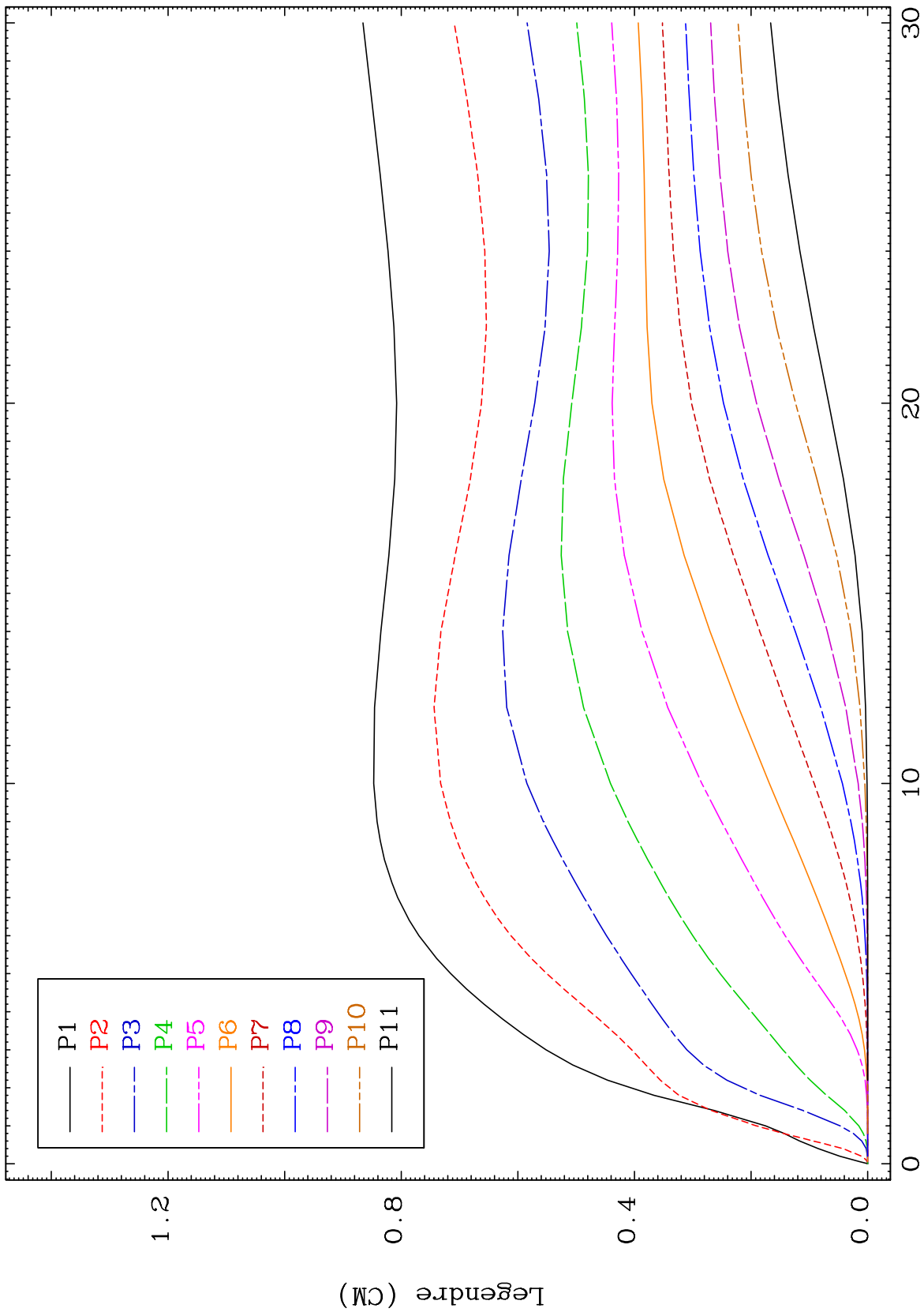




MAT 2728

Elastic Legendre Coefficients

27-Co-60



16

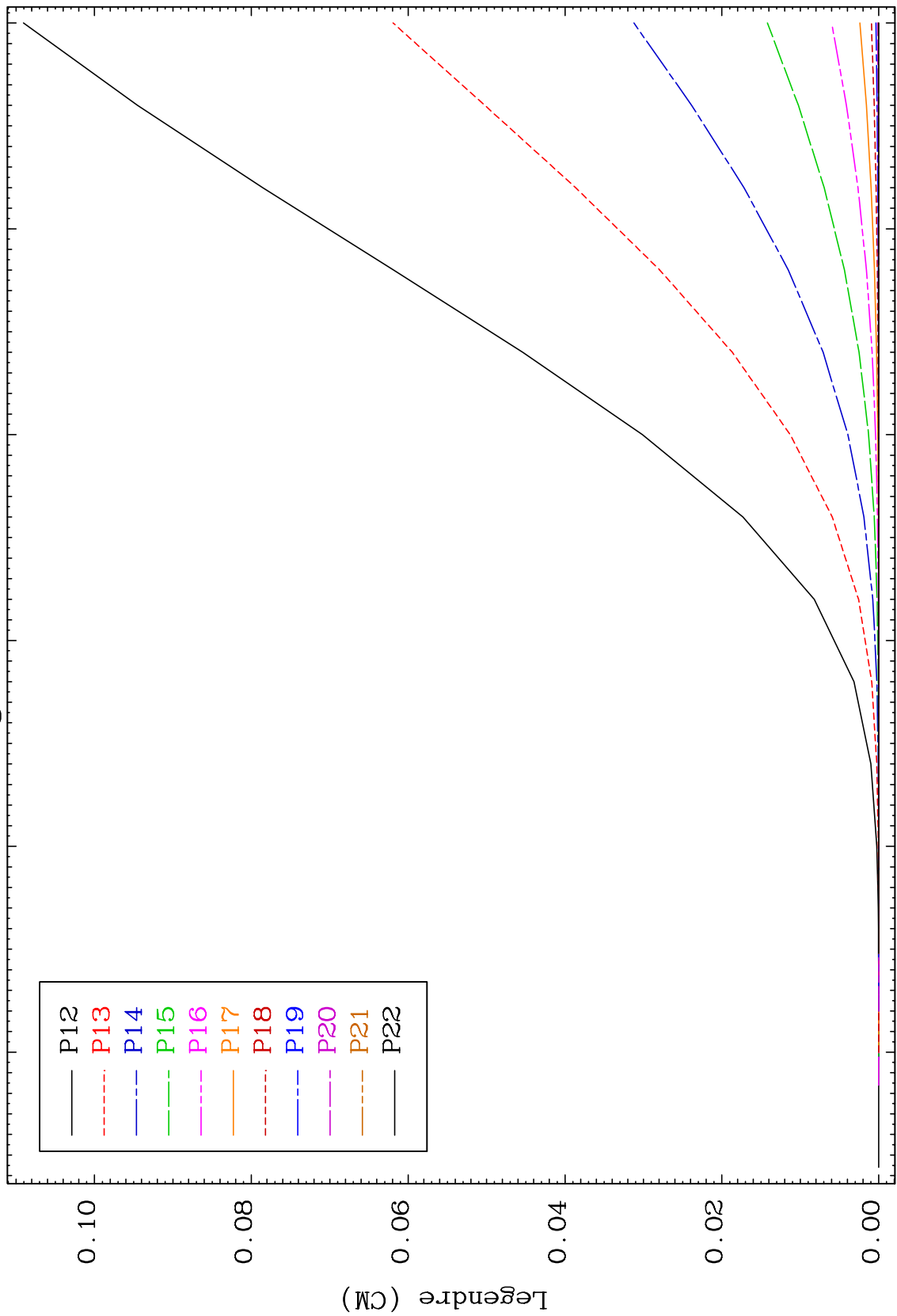
Incident Energy (MeV)

27-Co-60

MAT 2728

Elastic Legendre Coefficients

²⁷Co-60



17

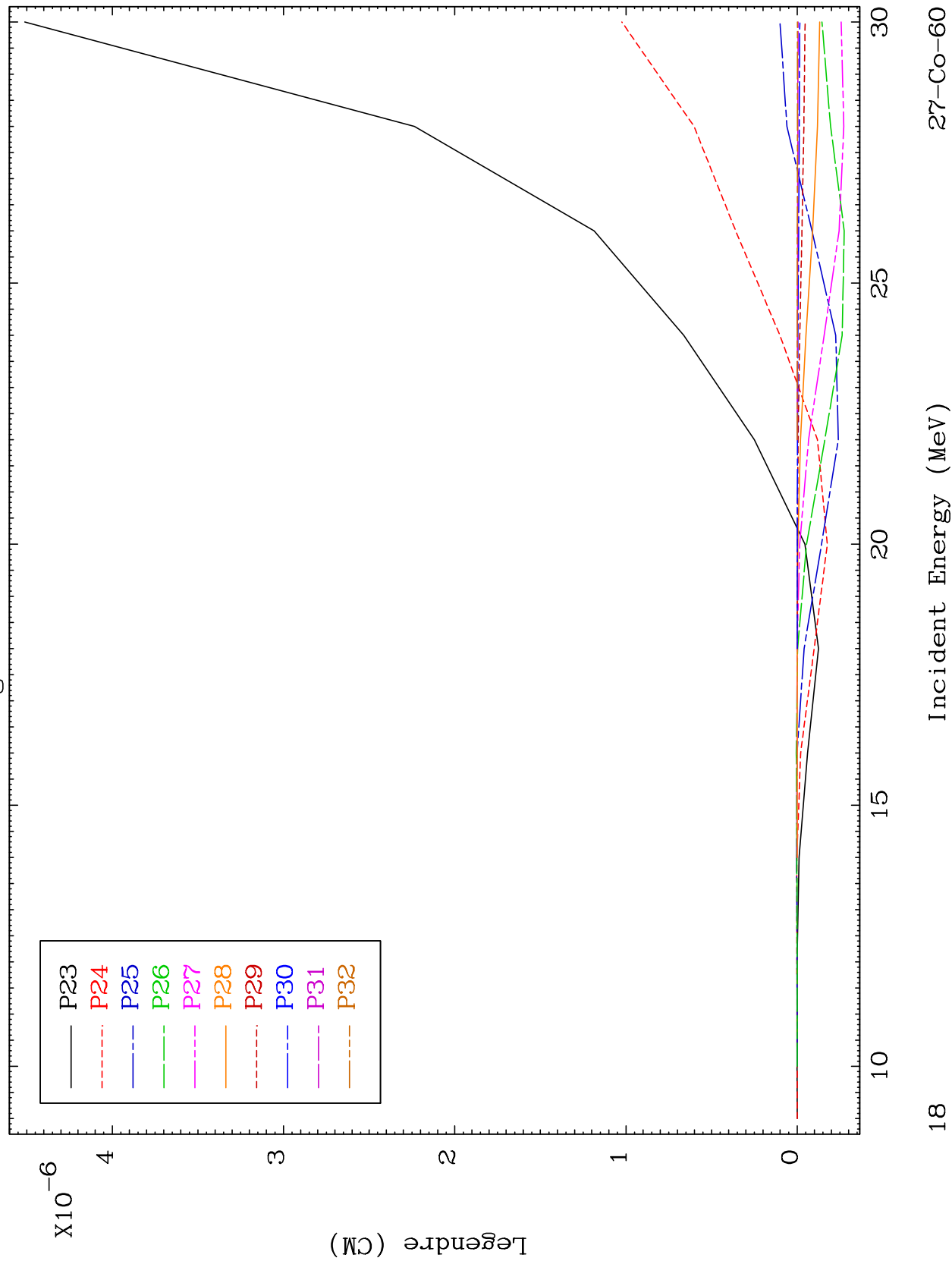
²⁷Co-60

Incident Energy (MeV)

MAT 2728

Elastic Legendre Coefficients

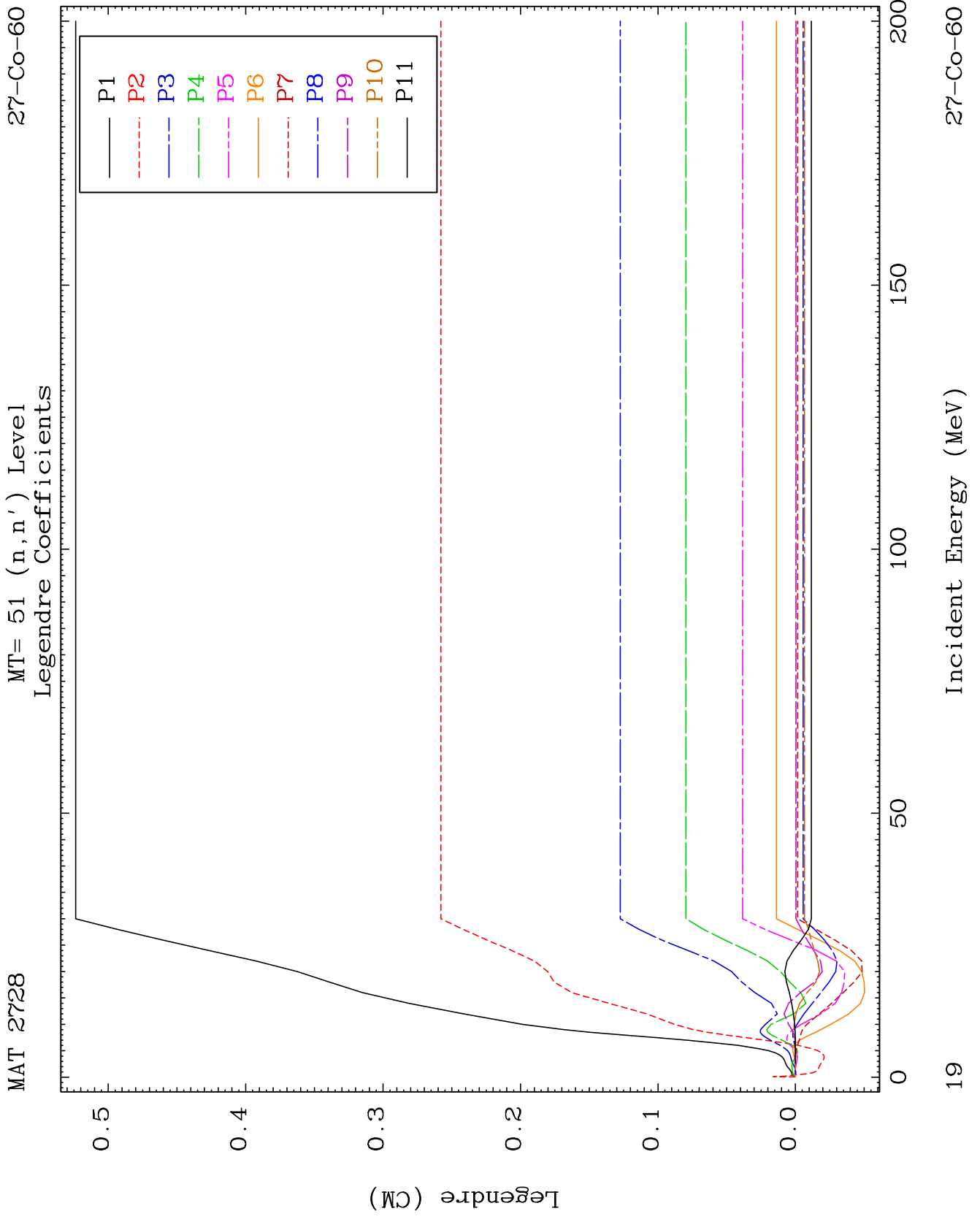
²⁷Co-60



18

Incident Energy (MeV)

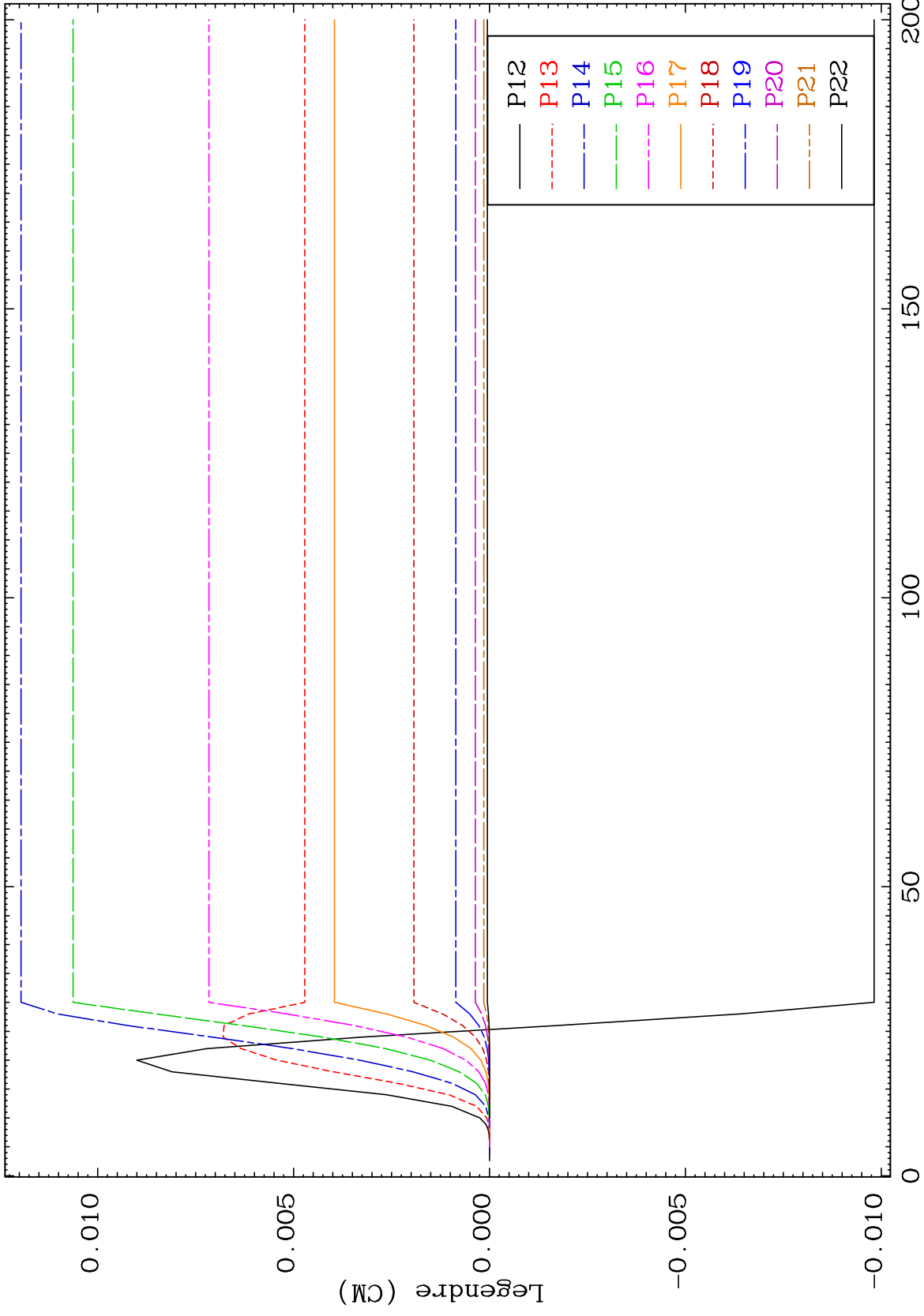
²⁷Co-60



MAT 2728

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

27-Co-60



20

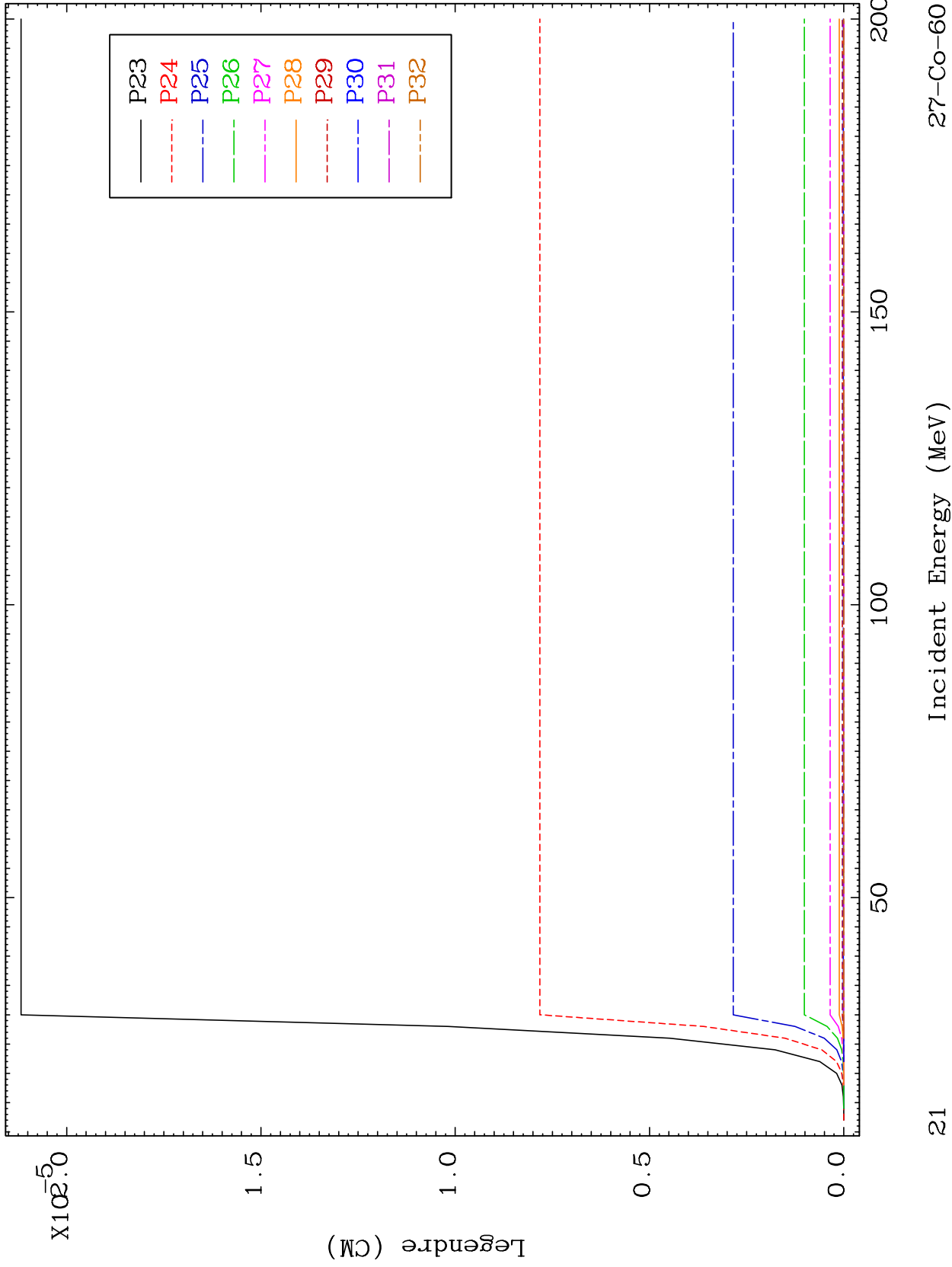
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



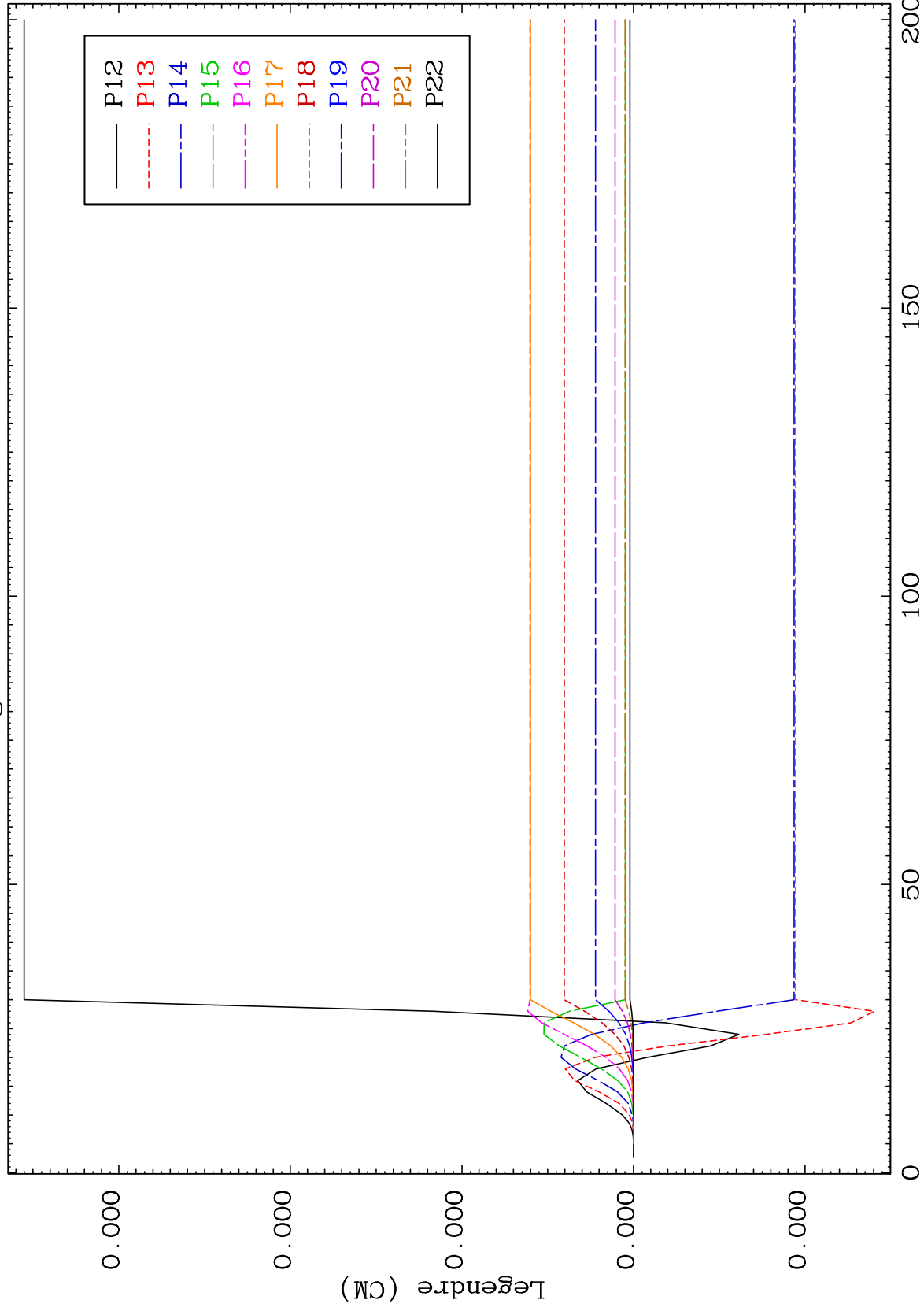
21

27-Co-60

MAT 2728

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

27-Co-60



23

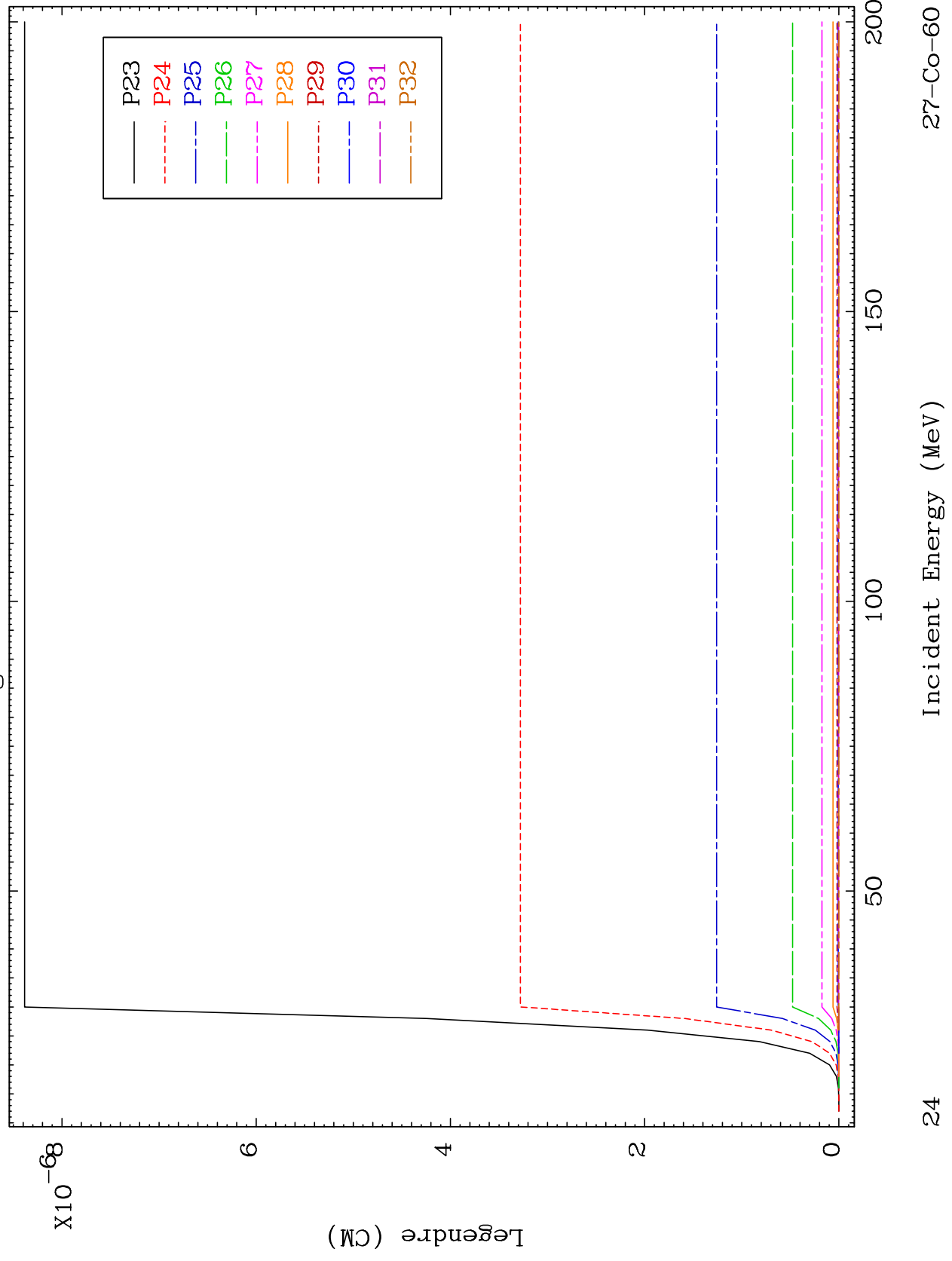
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



24

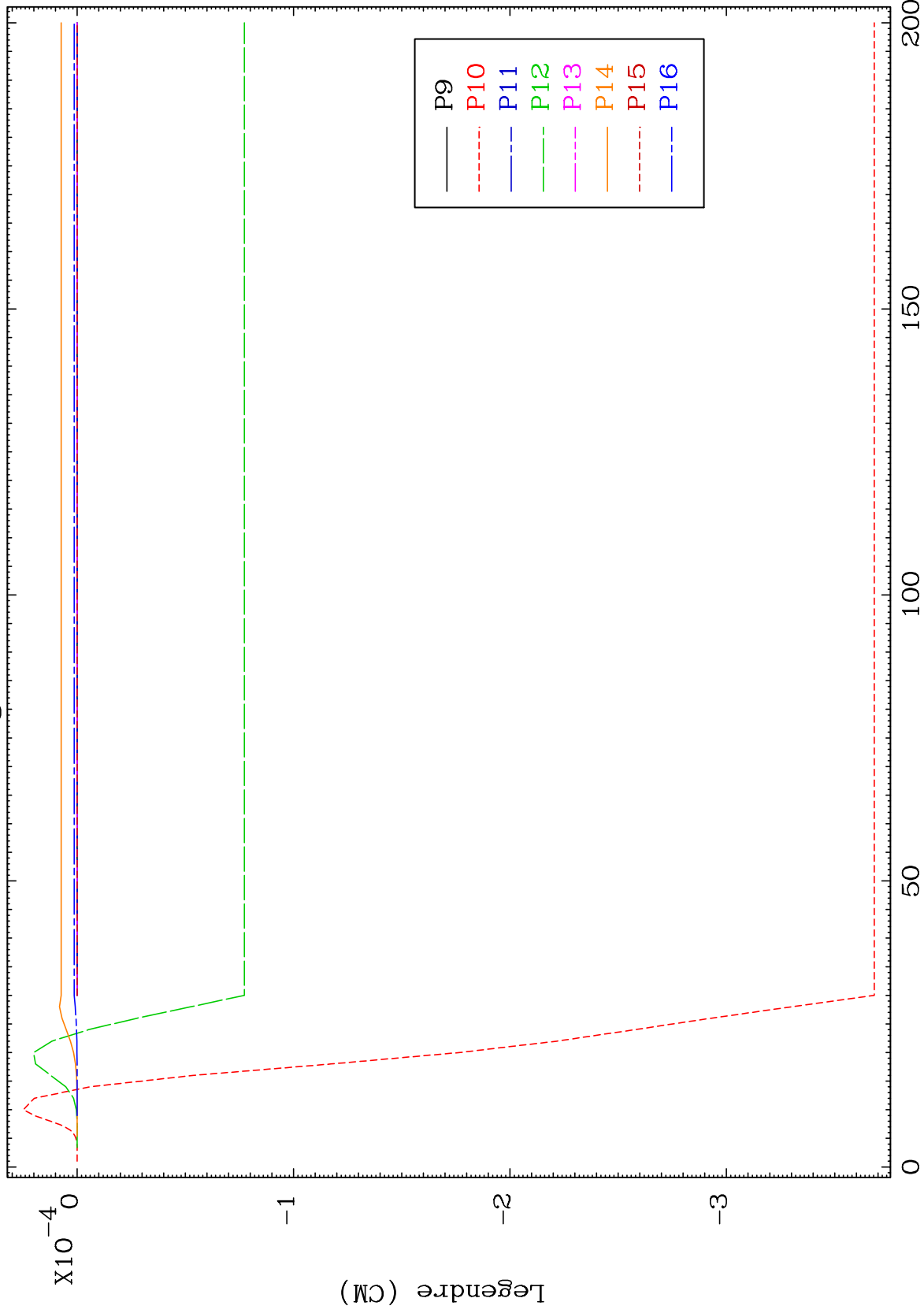
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



26

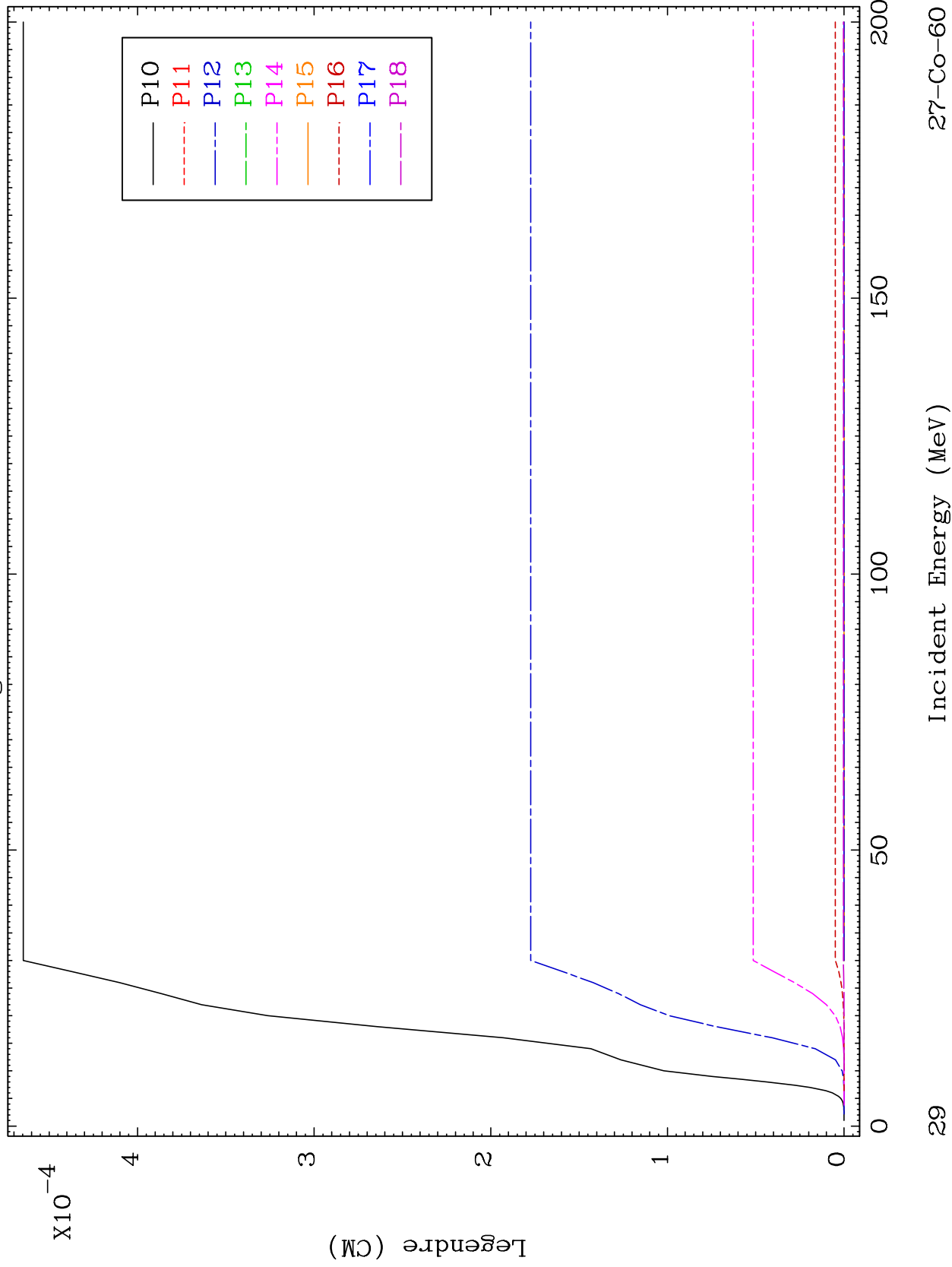
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



27-Co-60

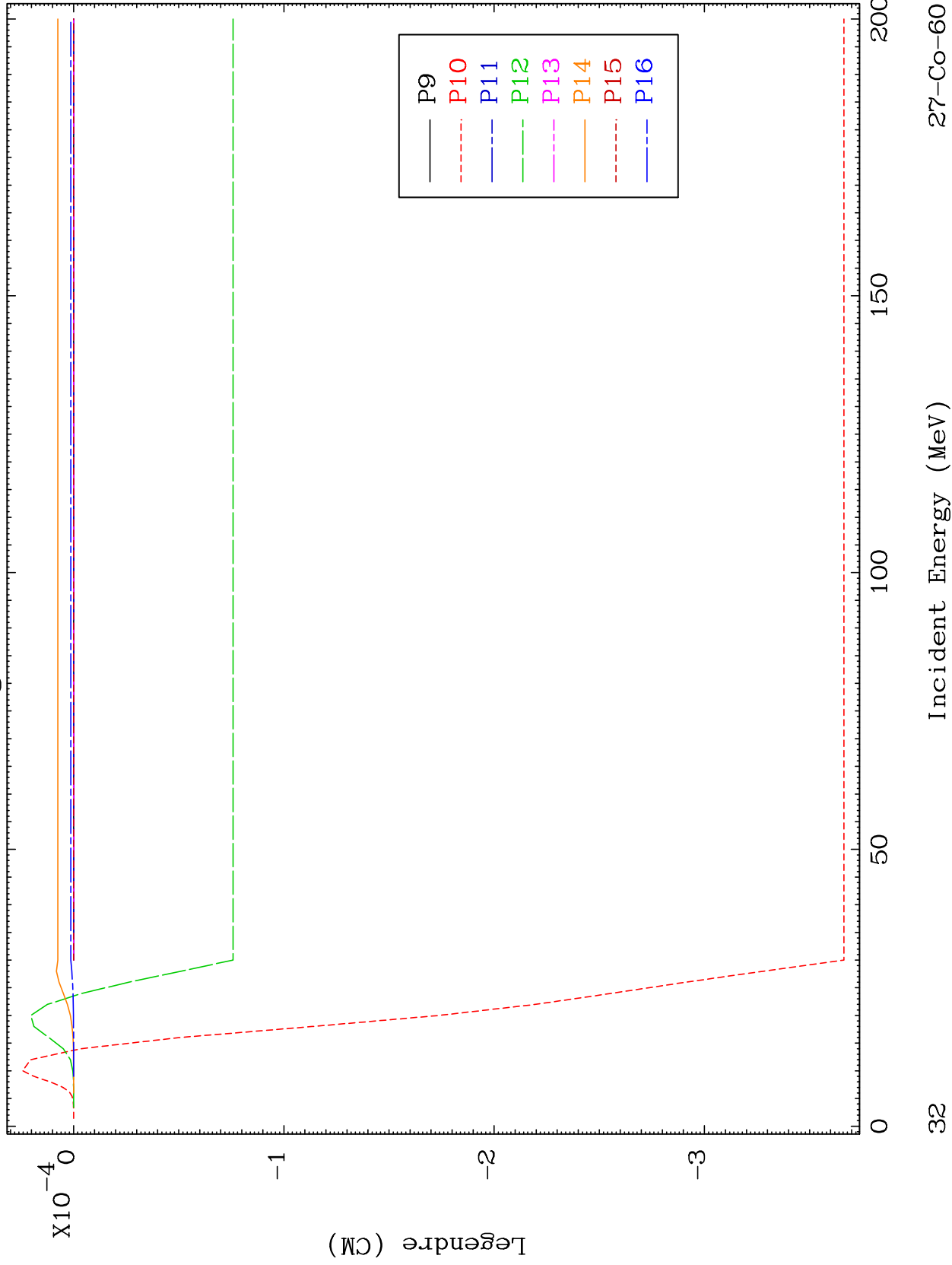
Incident Energy (MeV)

29

MAT 2728

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

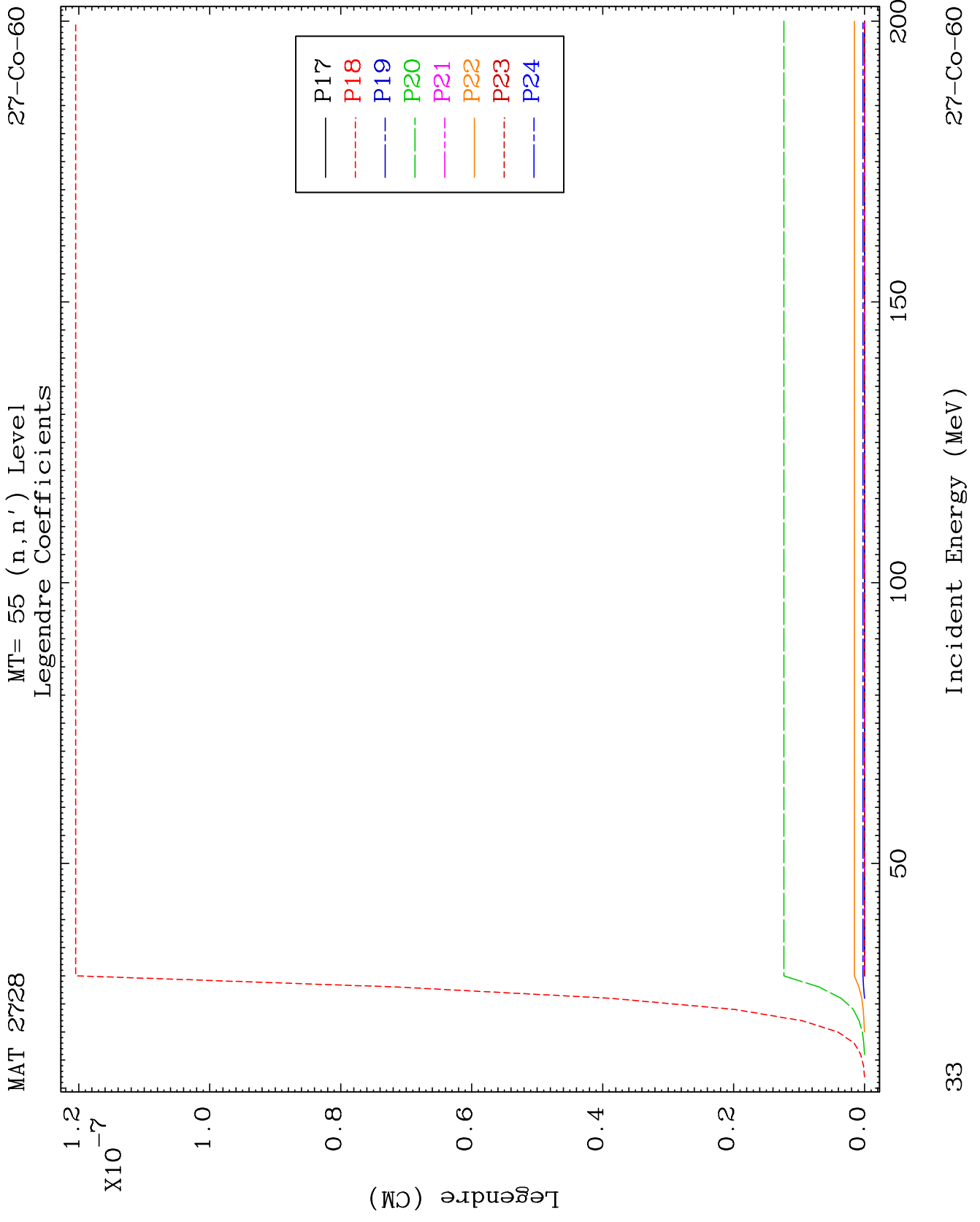
27-Co-60



32

Incident Energy (MeV)

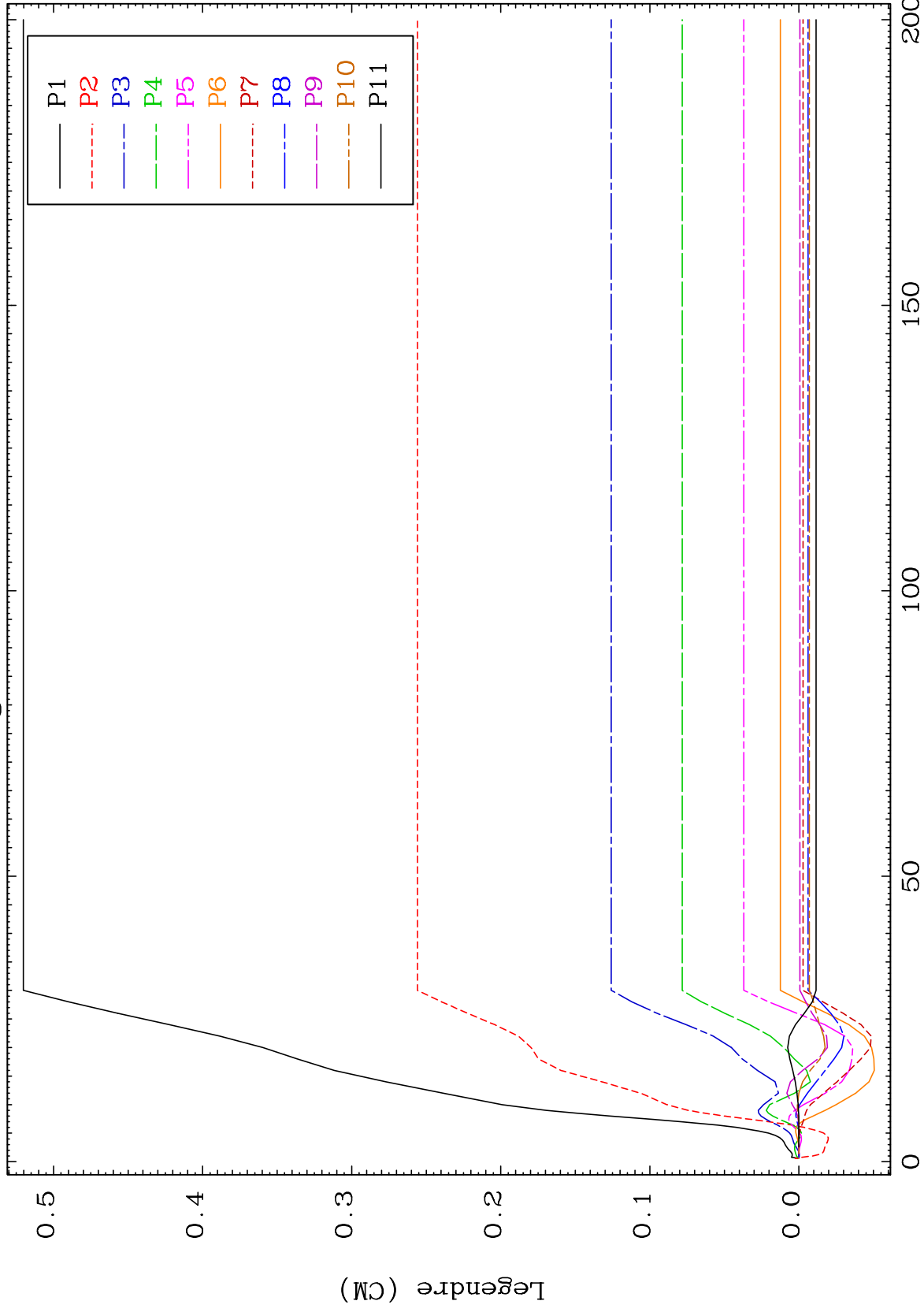
27-Co-60



MAT 2728

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

27-Co-60



34

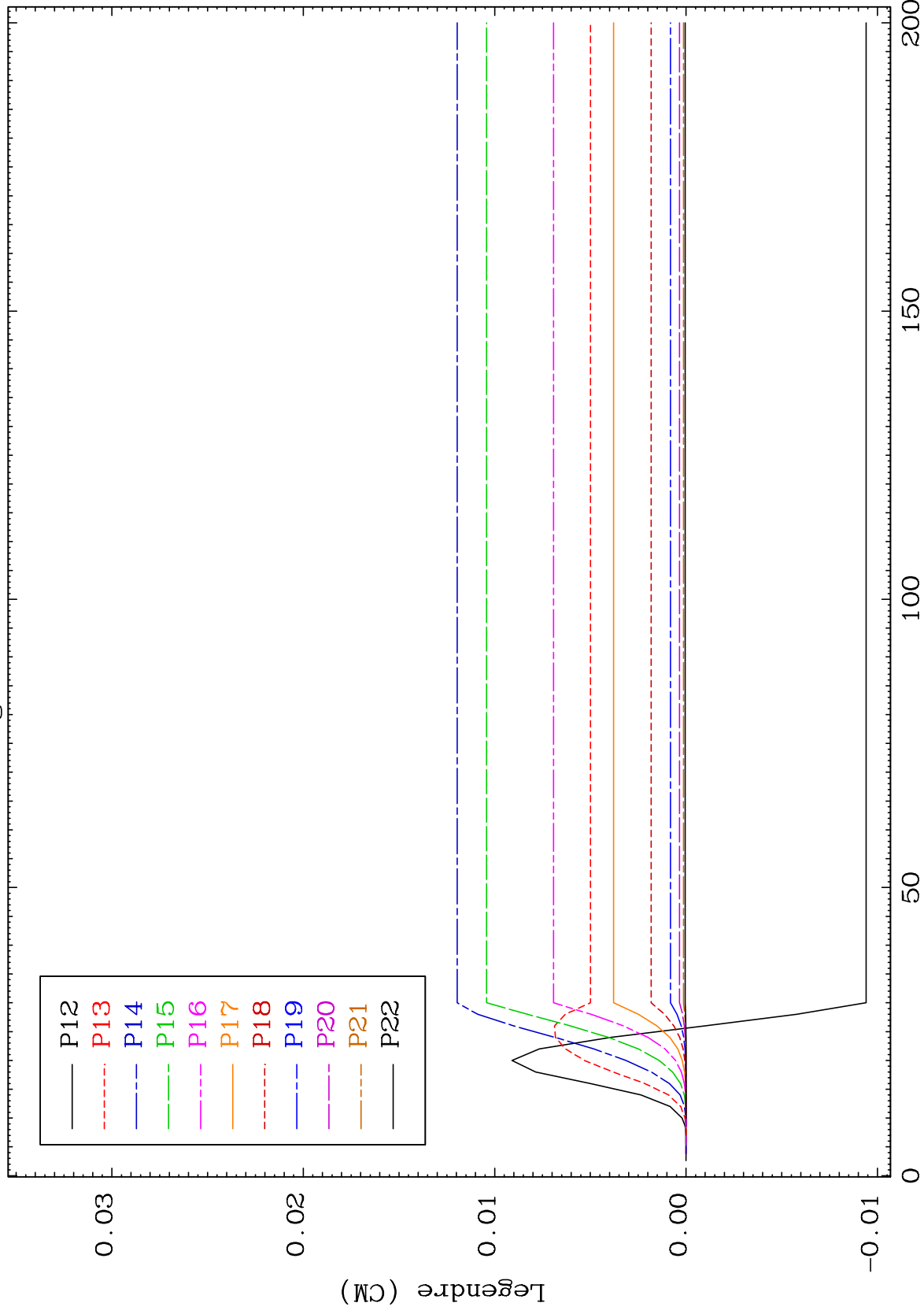
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



35

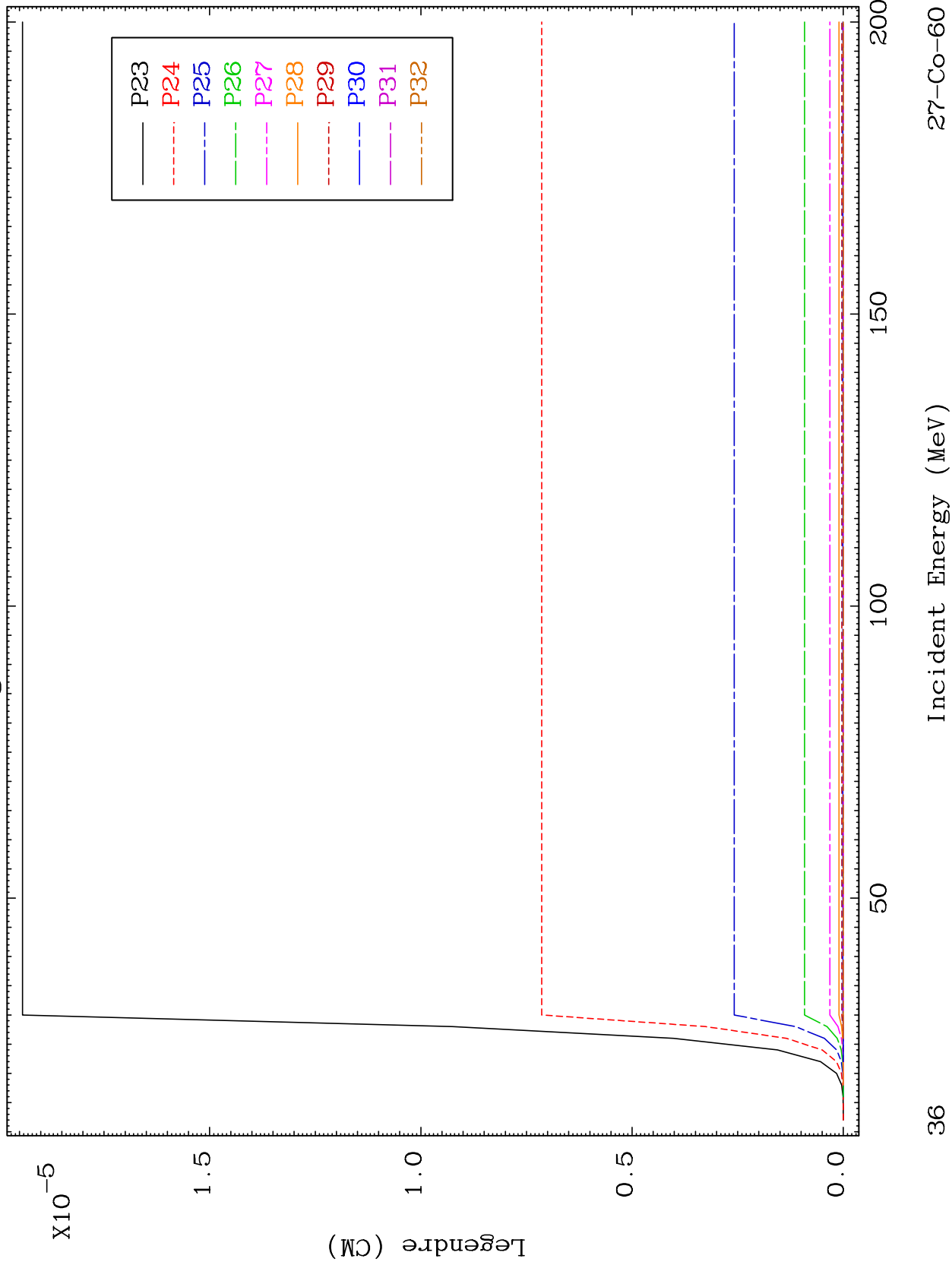
Incident Energy (MeV)

27-Co-60

MAT 2728

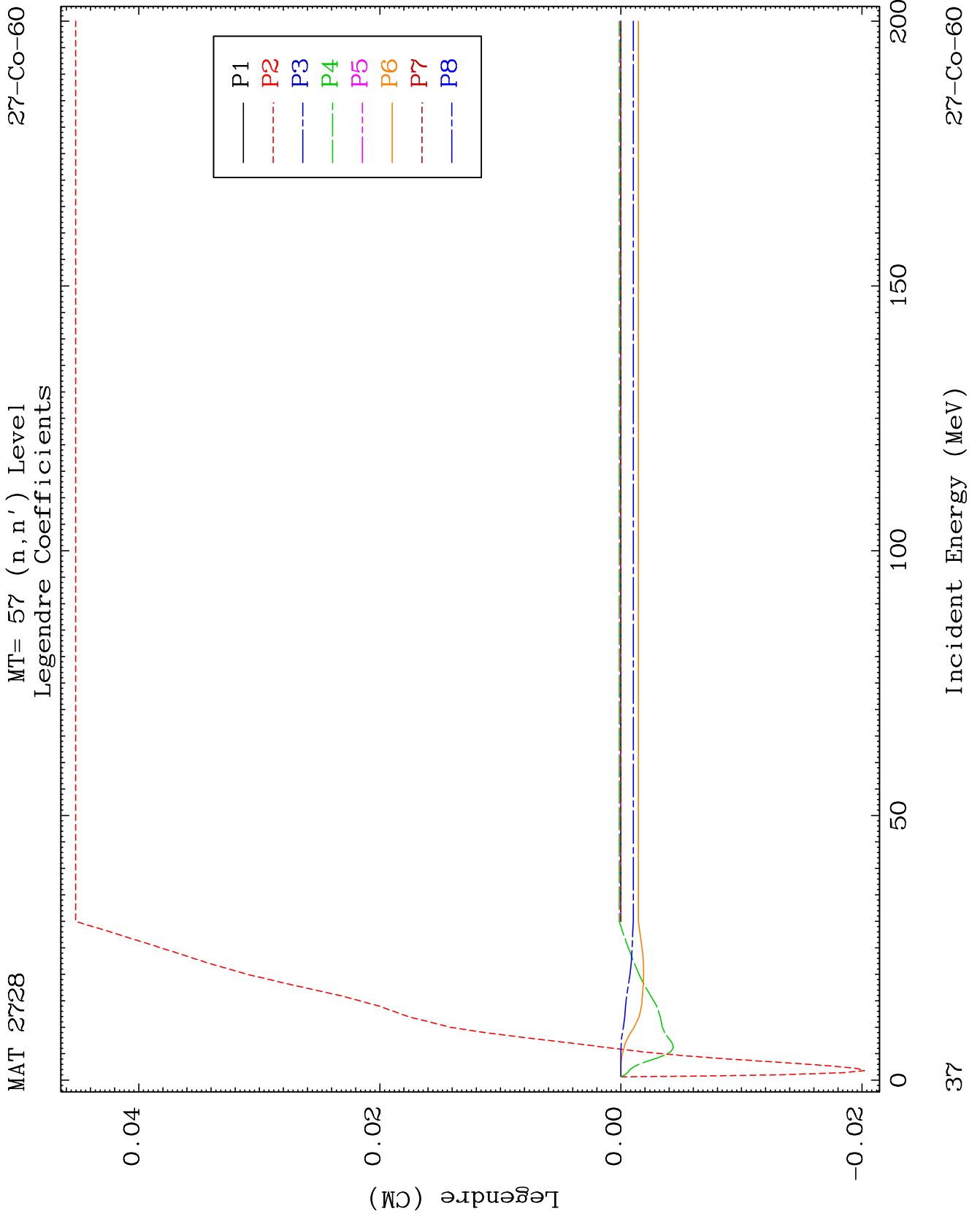
MT= 56 (n,n') Level
Legendre Coefficients

27-Co-60



36

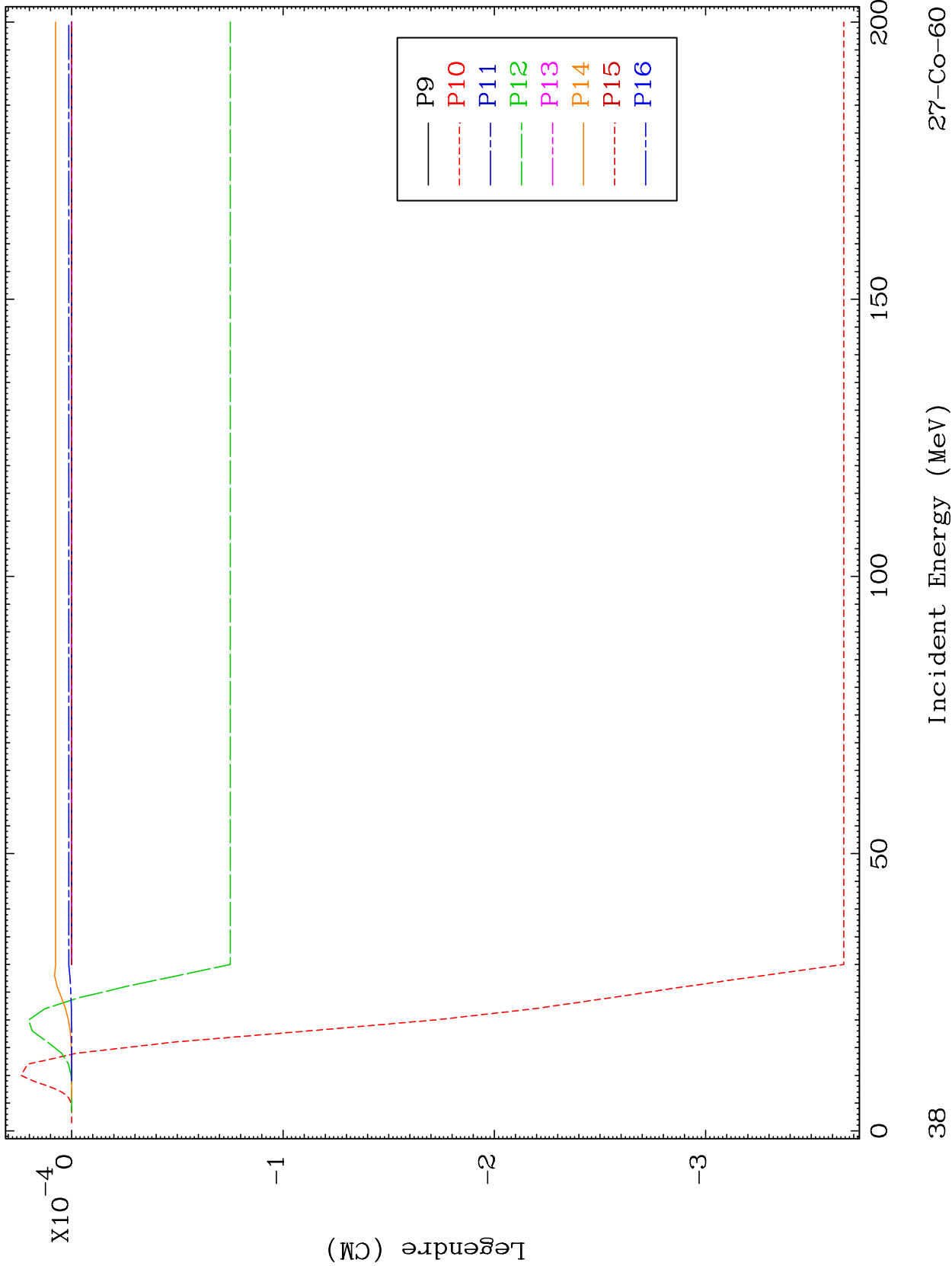
27-Co-60



MAT 2728

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

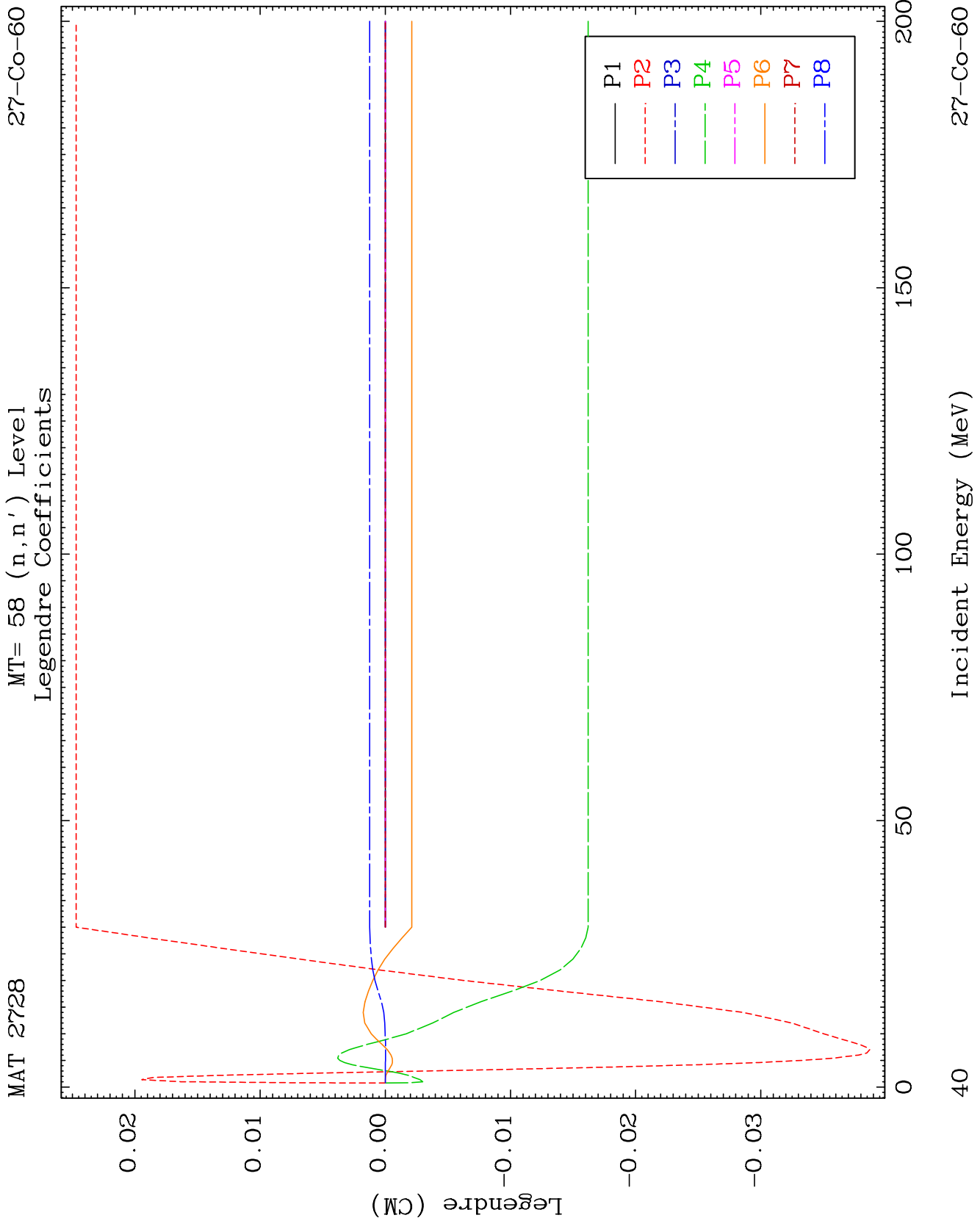
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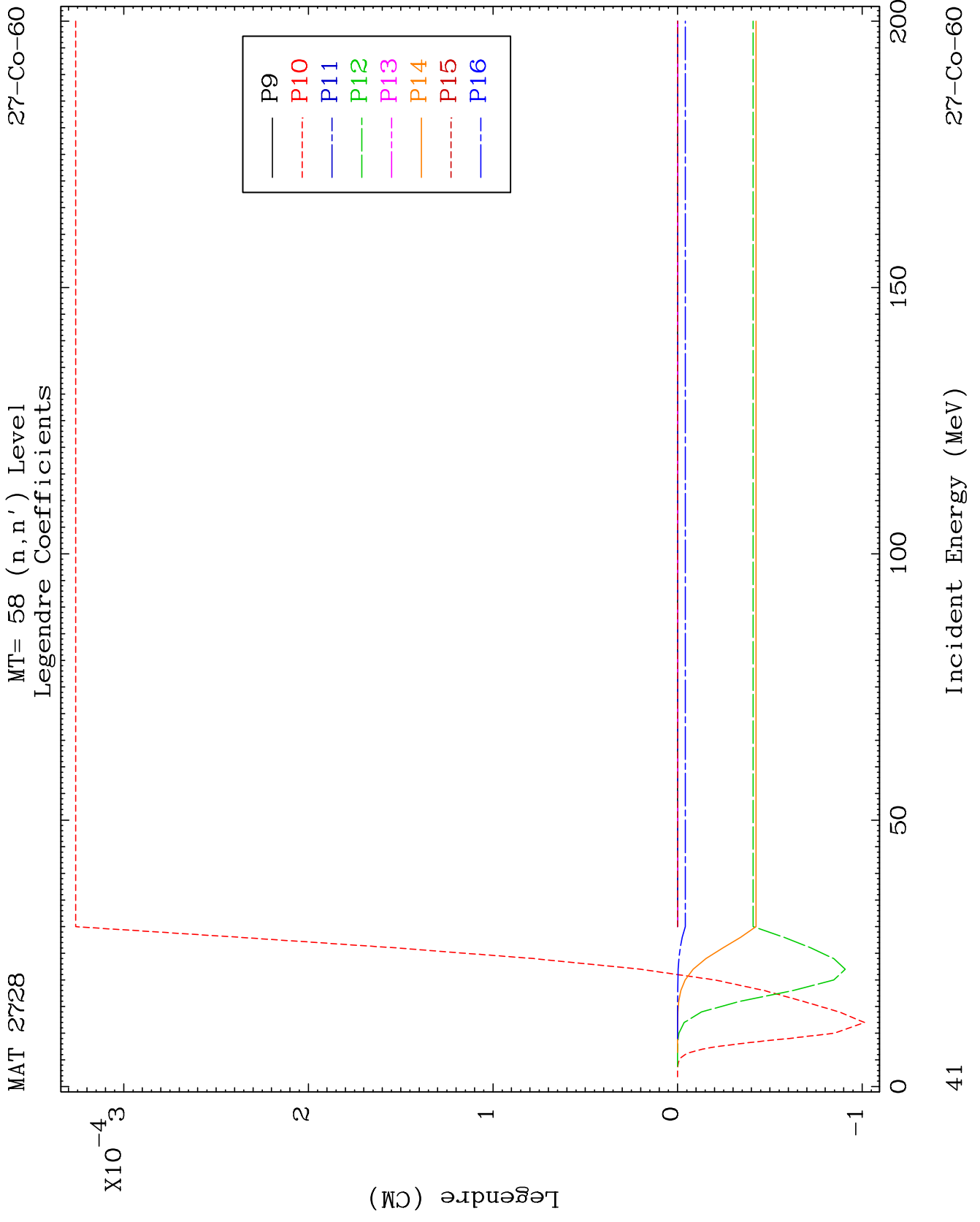


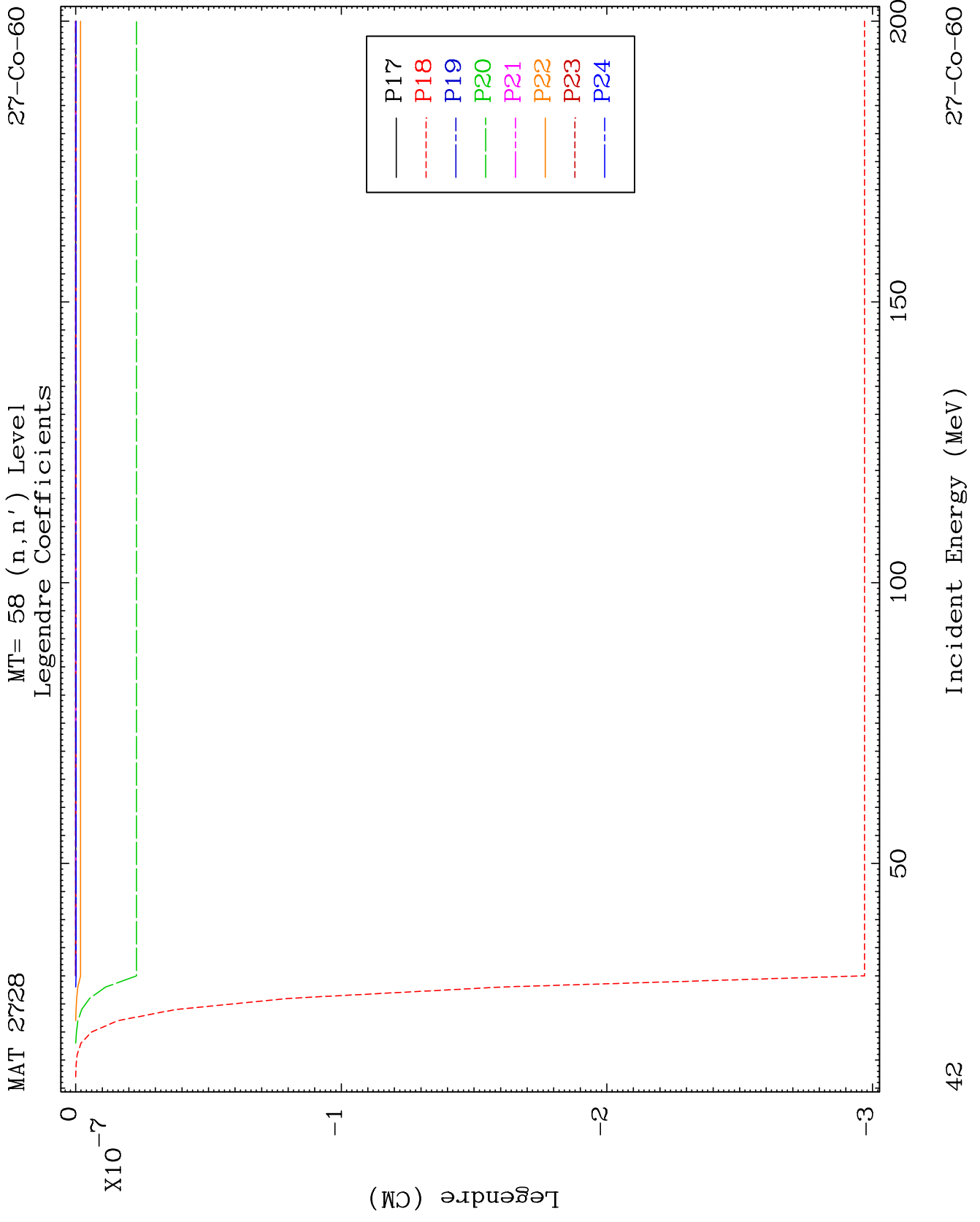
27-Co-60

Incident Energy (MeV)

38



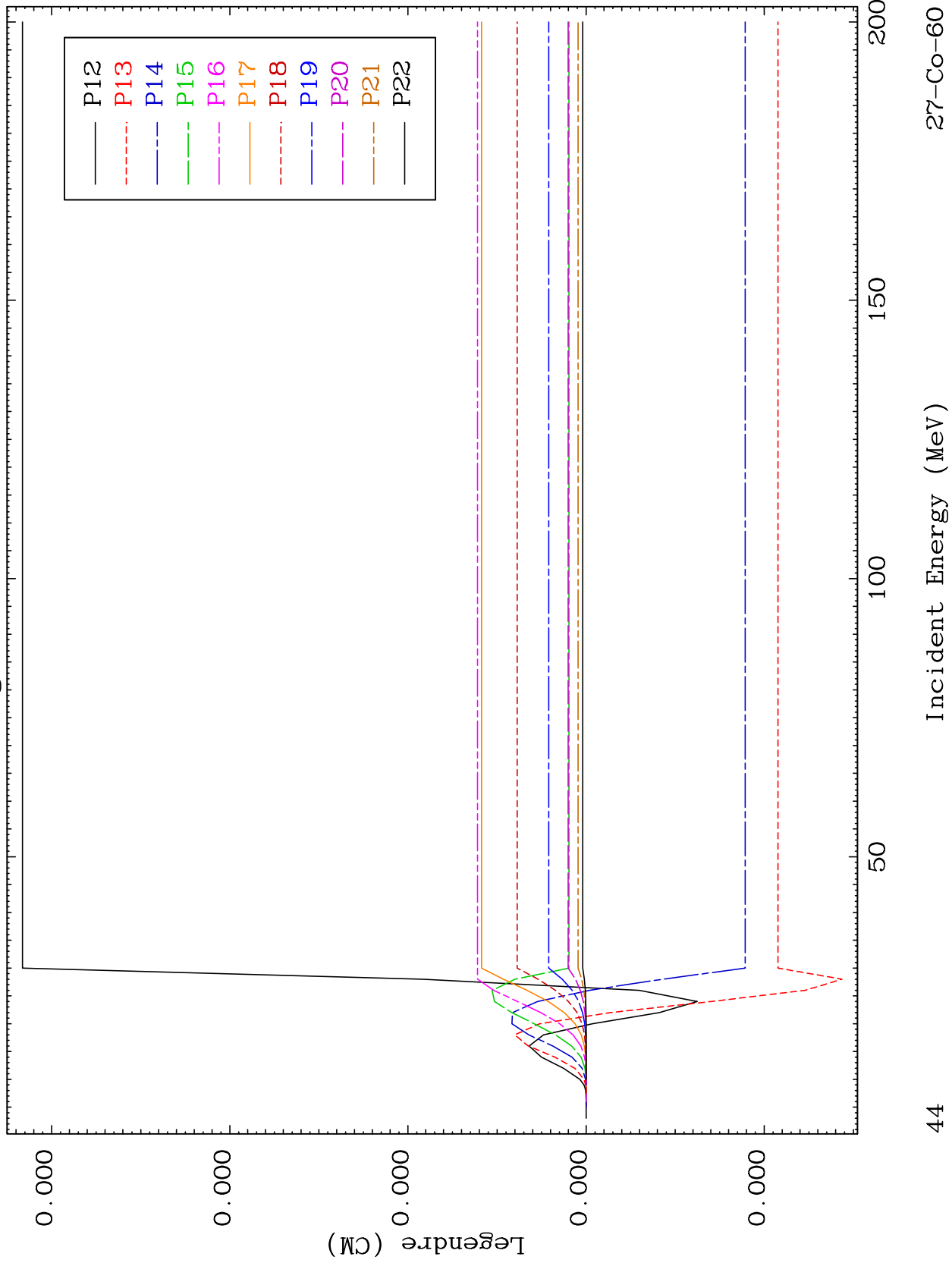




MAT 2728

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

27-Co-60



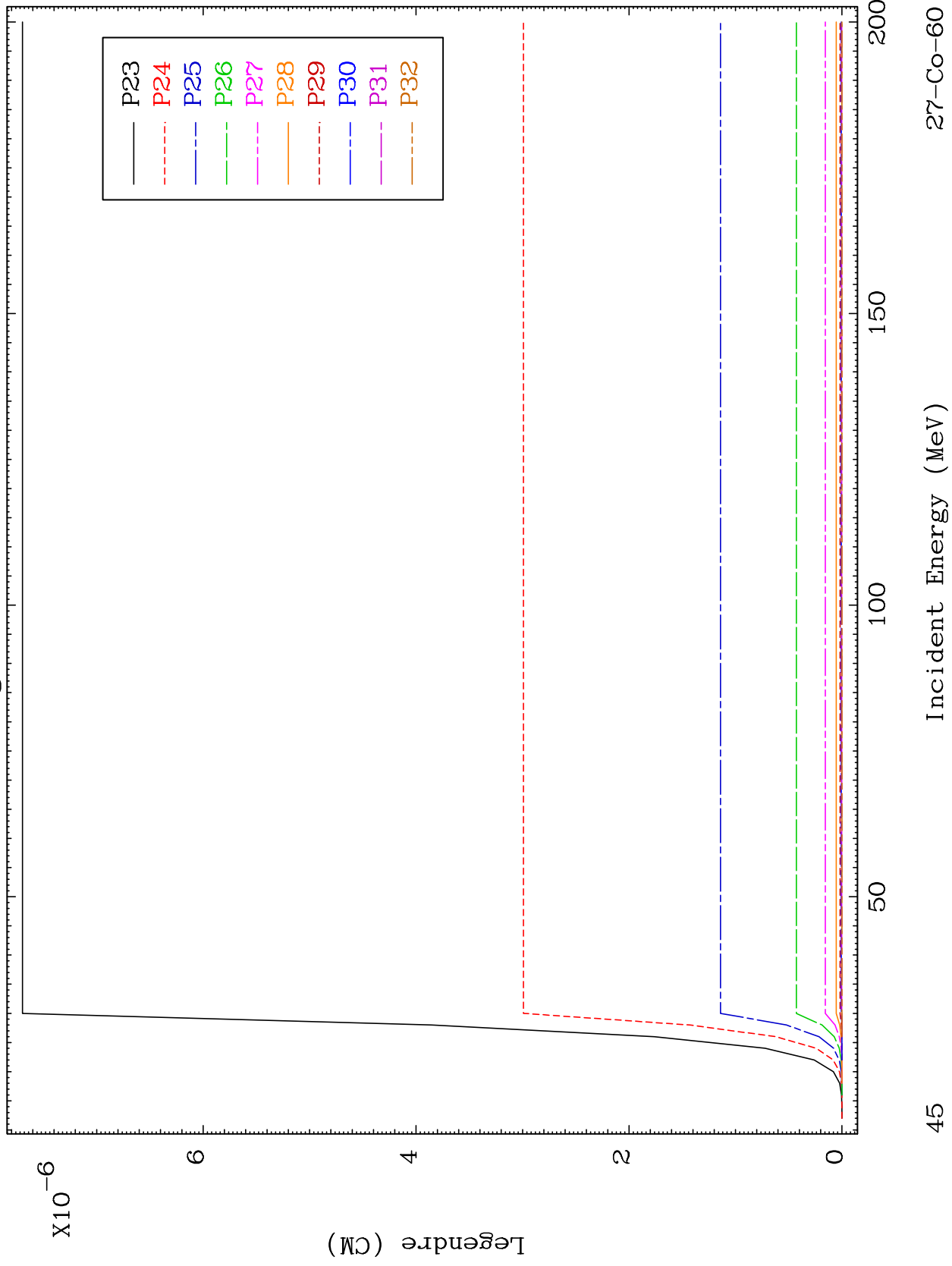
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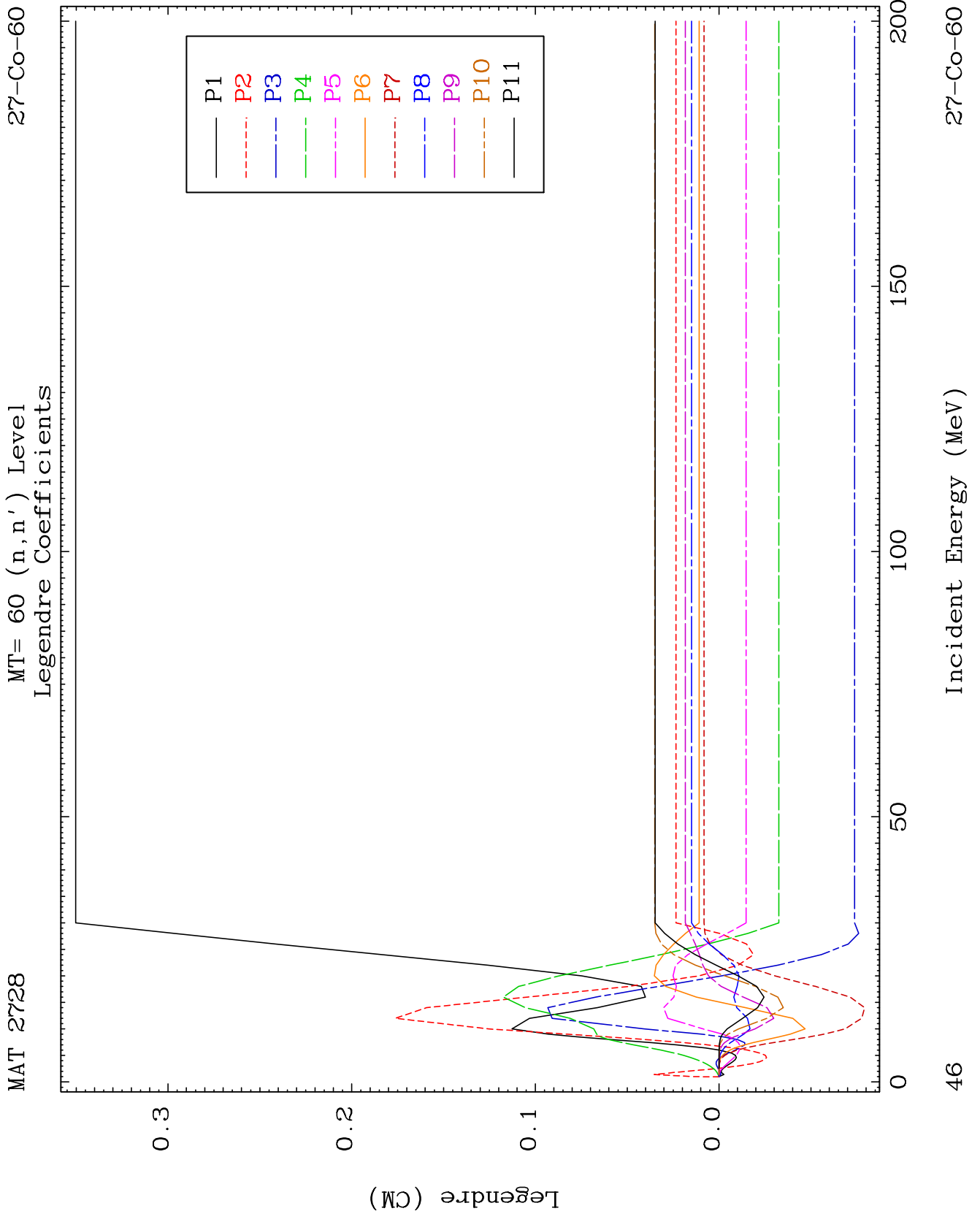
27-Co-60

MAT 2728

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

27-Co-60

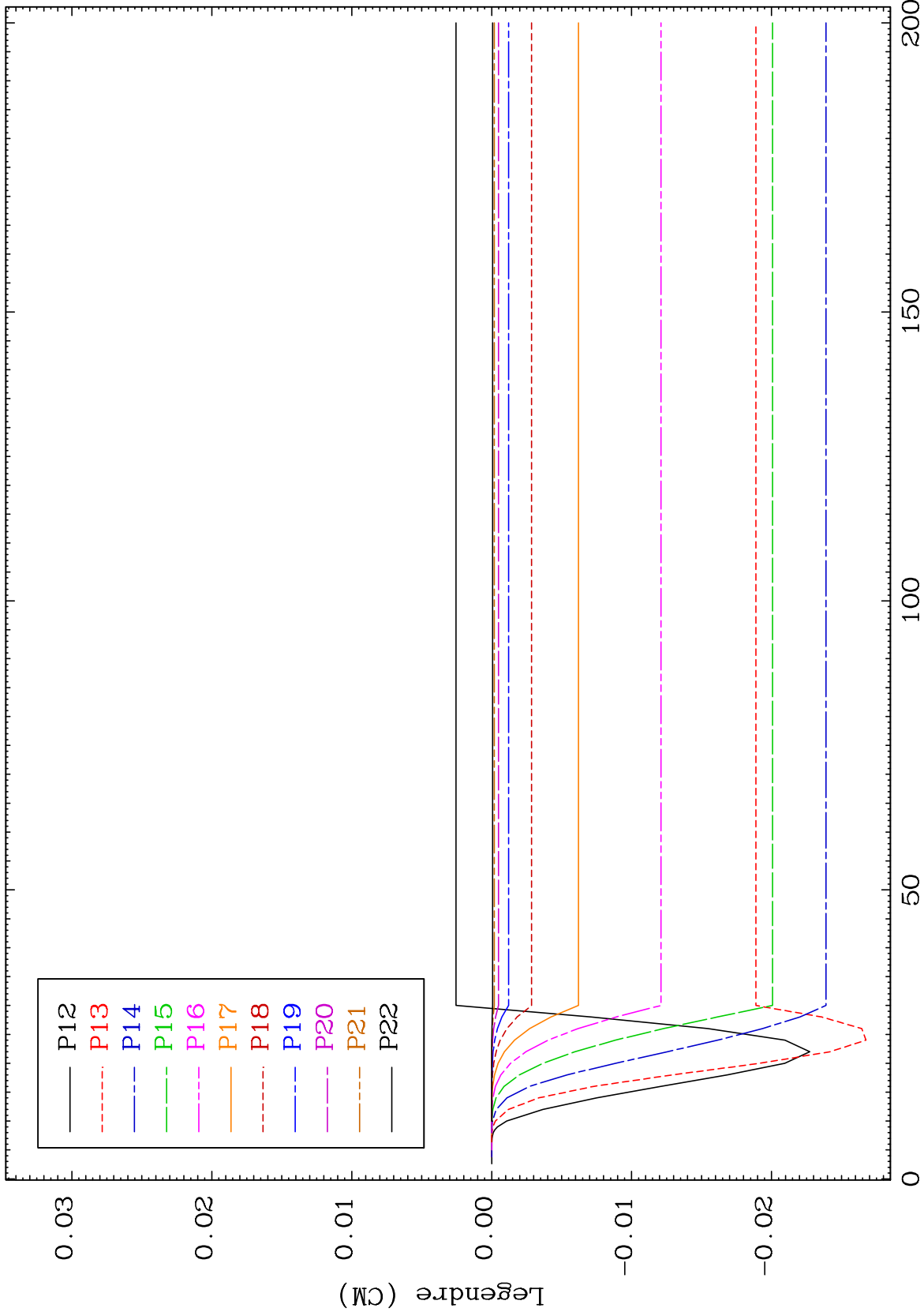




MAT 2728

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

27-Co-60



47

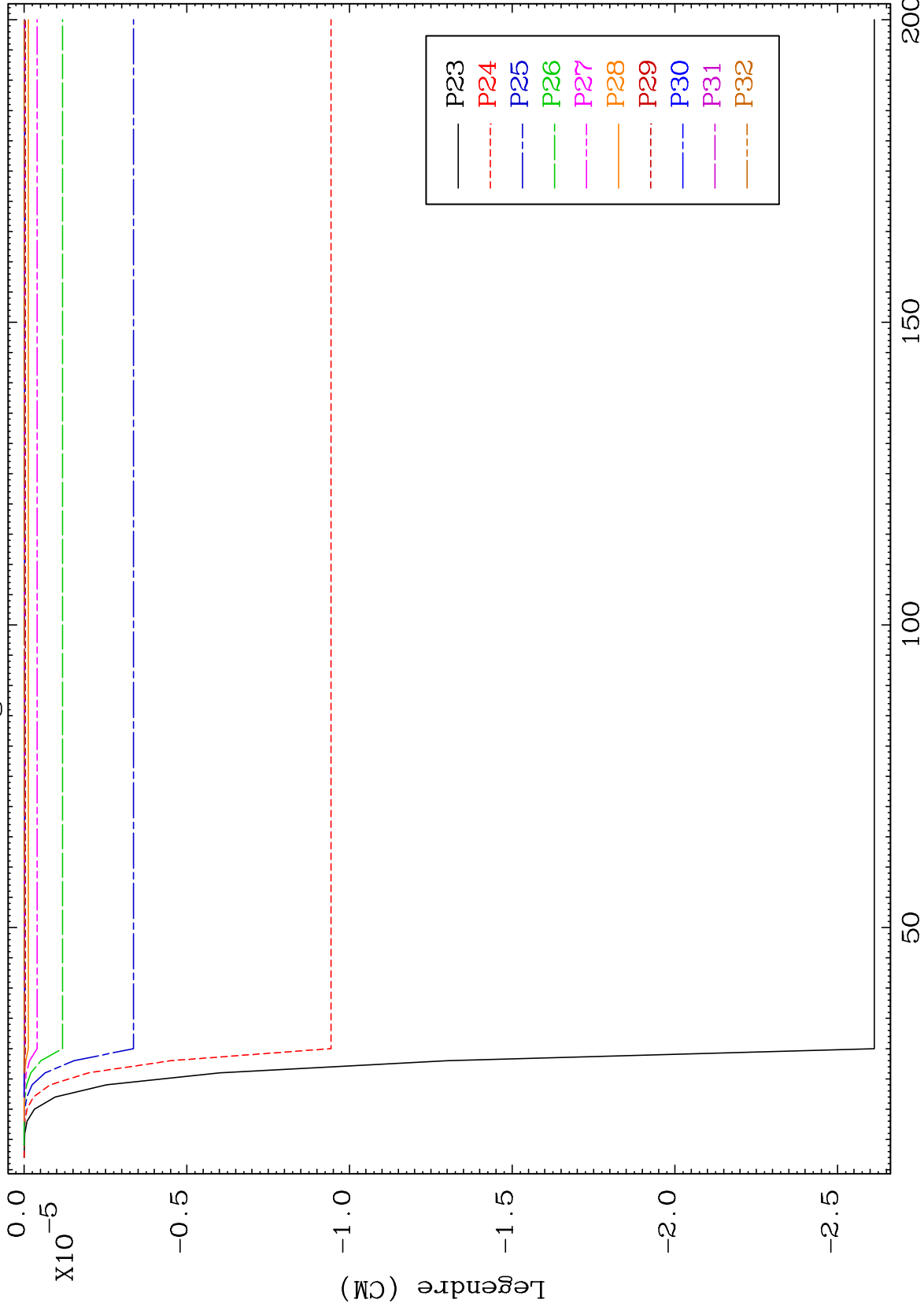
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



27-Co-60

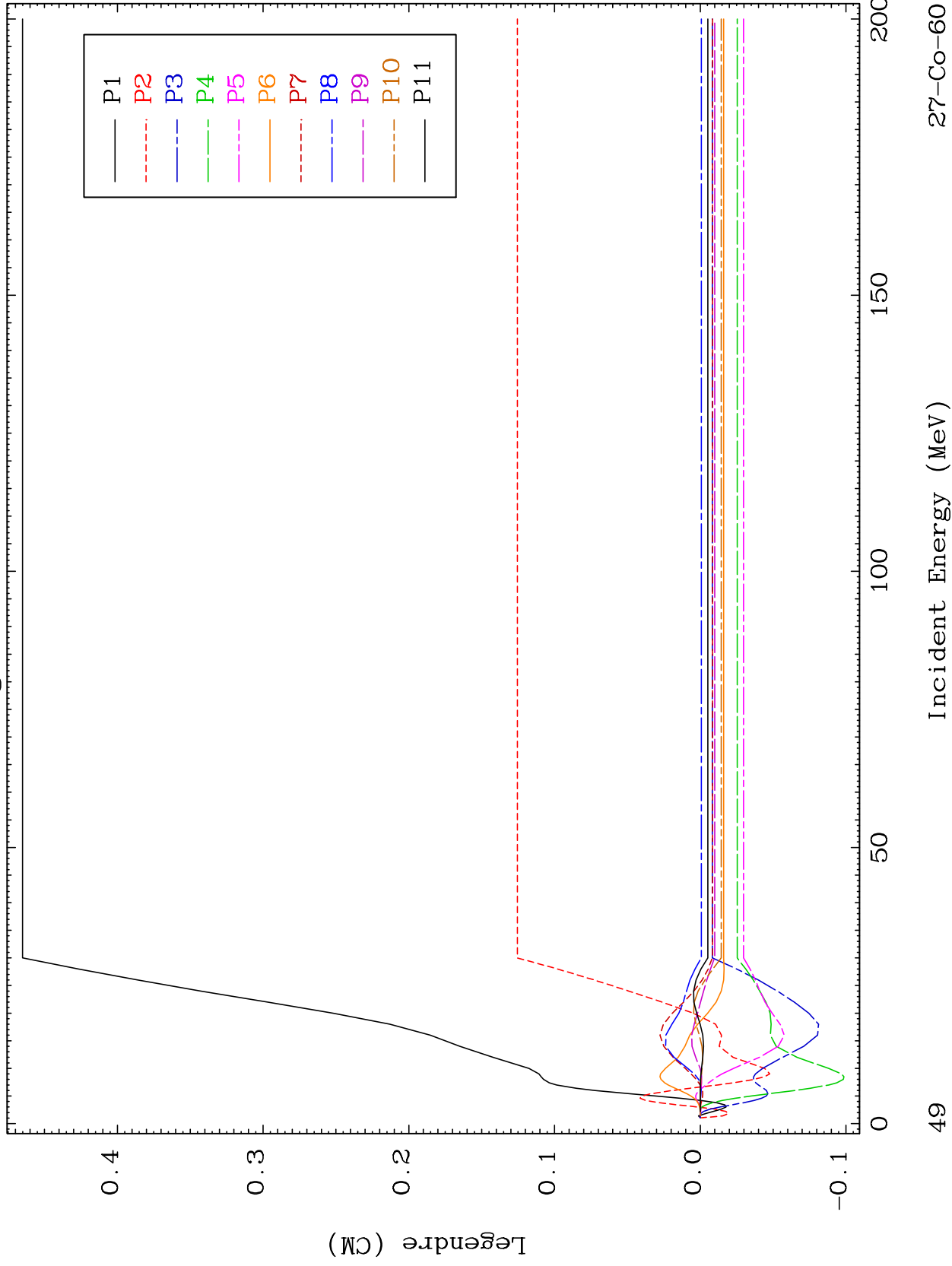
Incident Energy (MeV)

48

MAT 2728

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

27-Co-60



27-Co-60

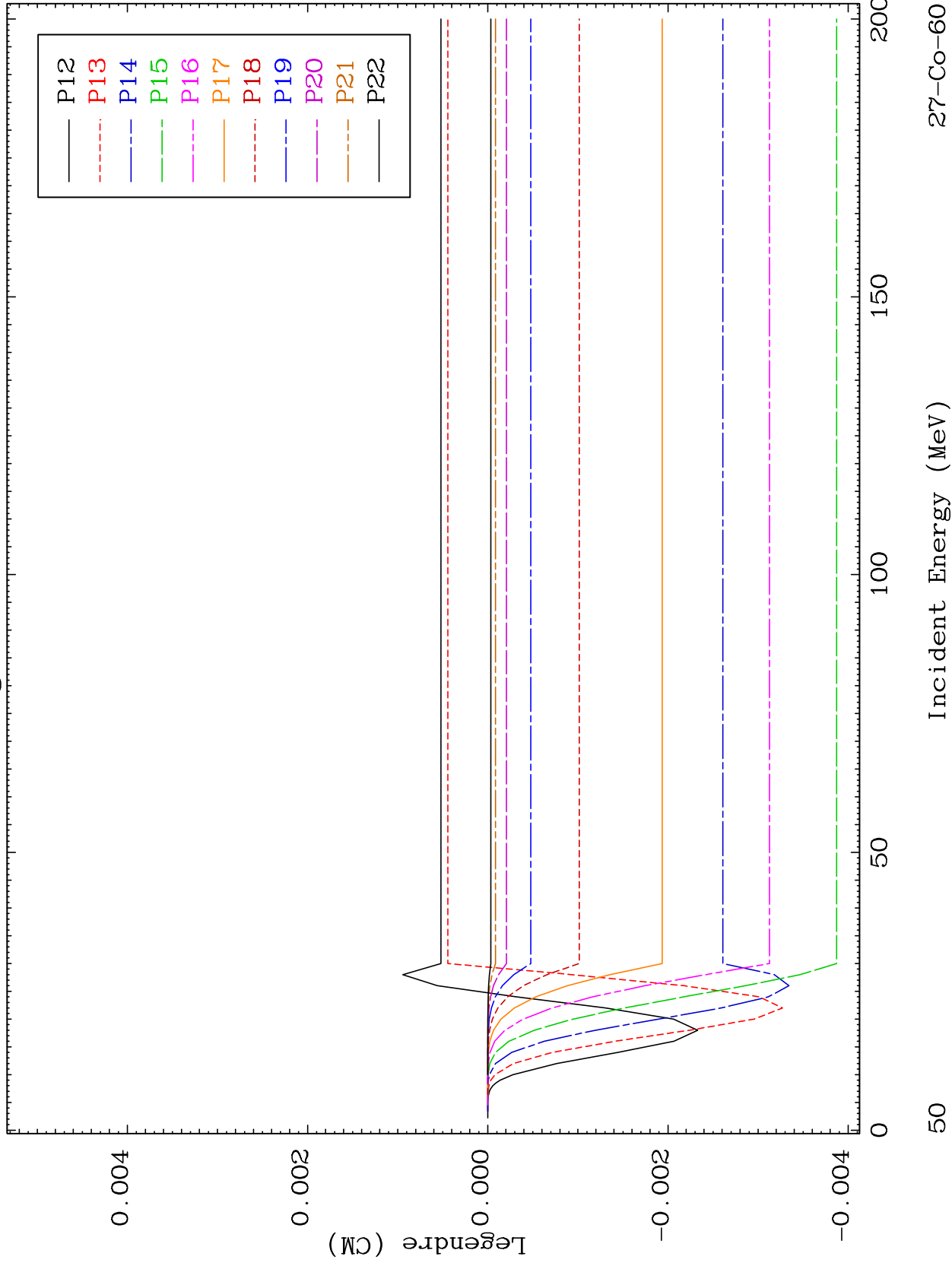
Incident Energy (MeV)

49

MAT 2728

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

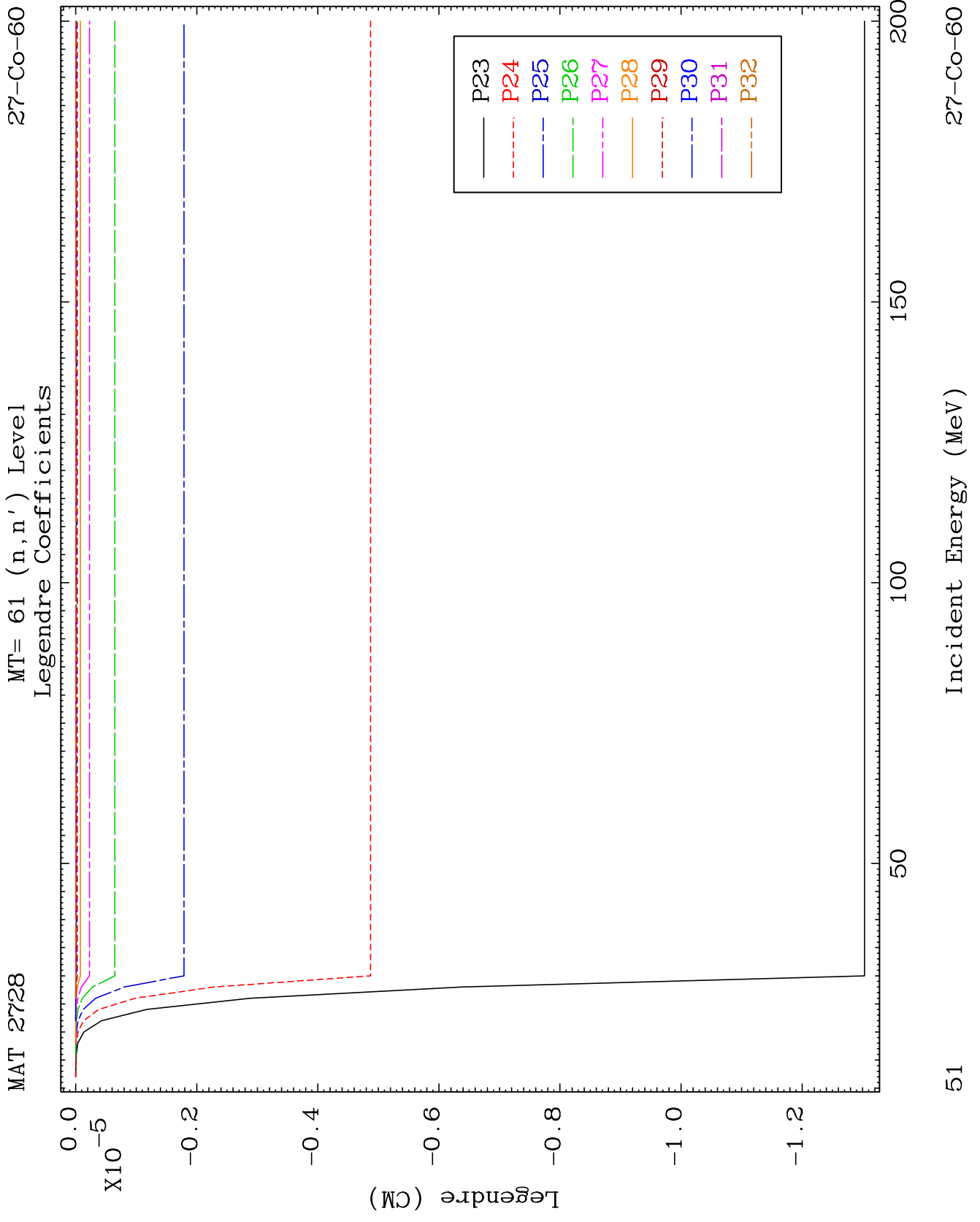
27-Co-60



27-Co-60

Incident Energy (MeV)

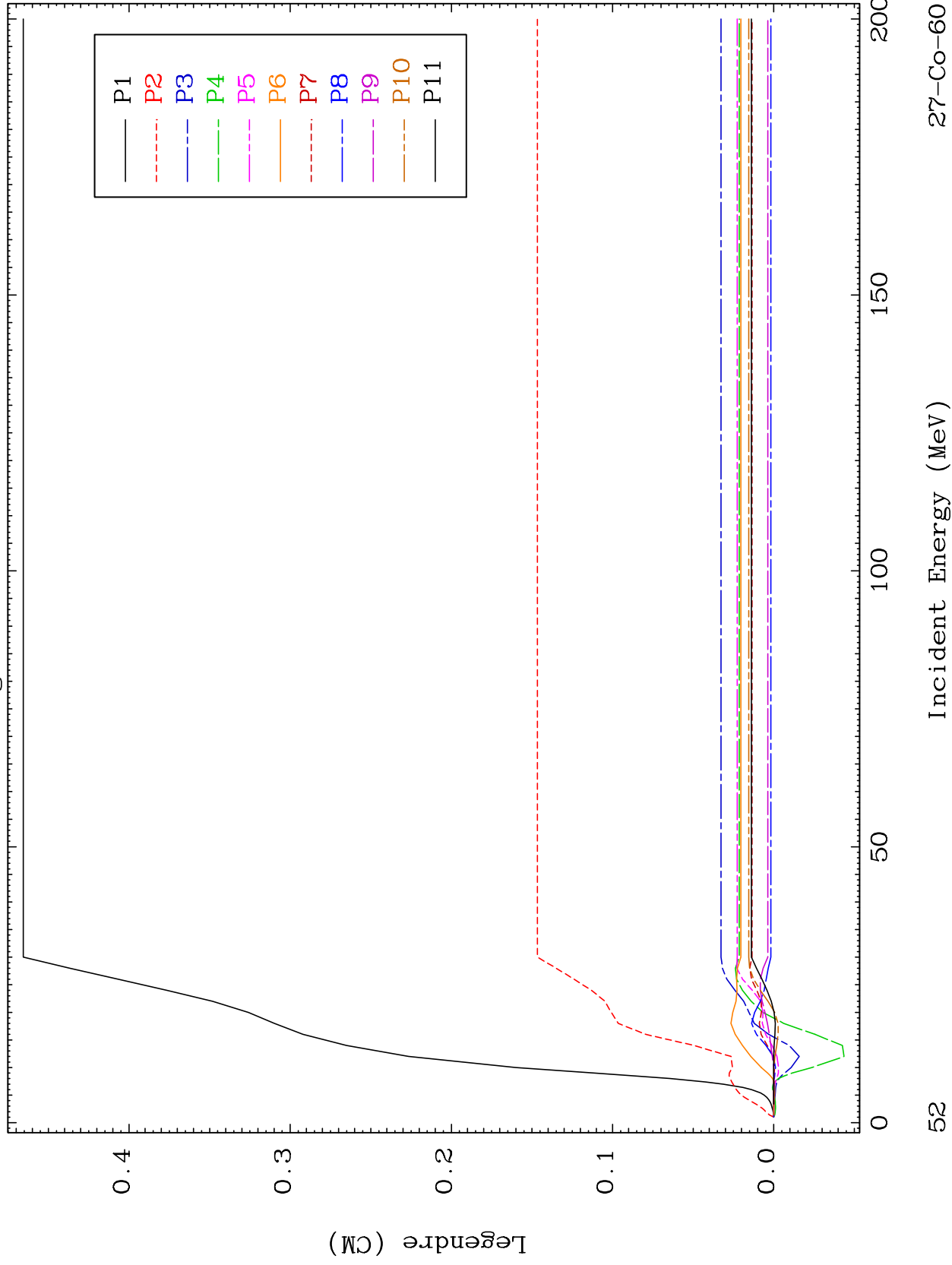
50



MAT 2728

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

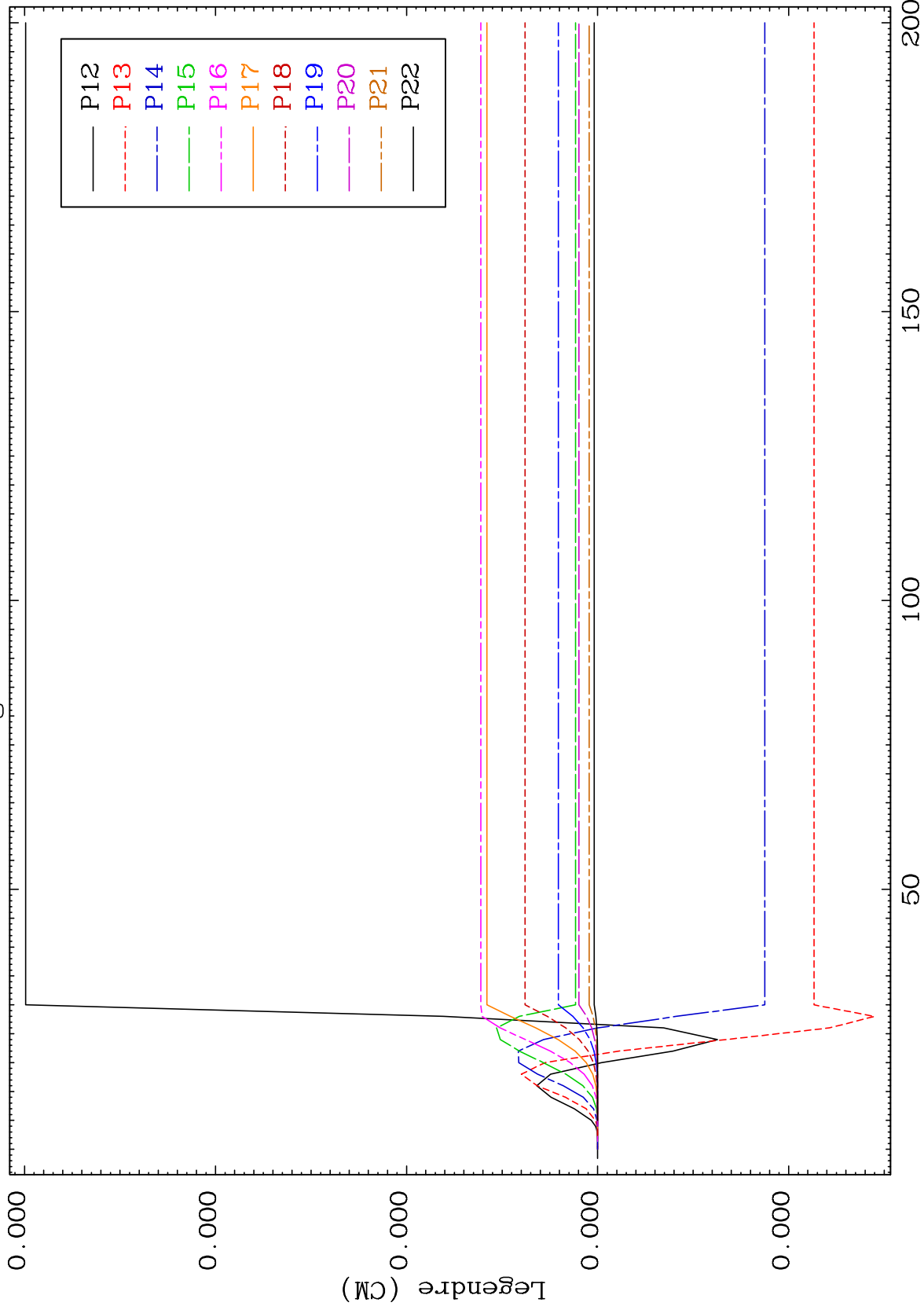
27-Co-60



MAT 2728

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

27-Co-60



53

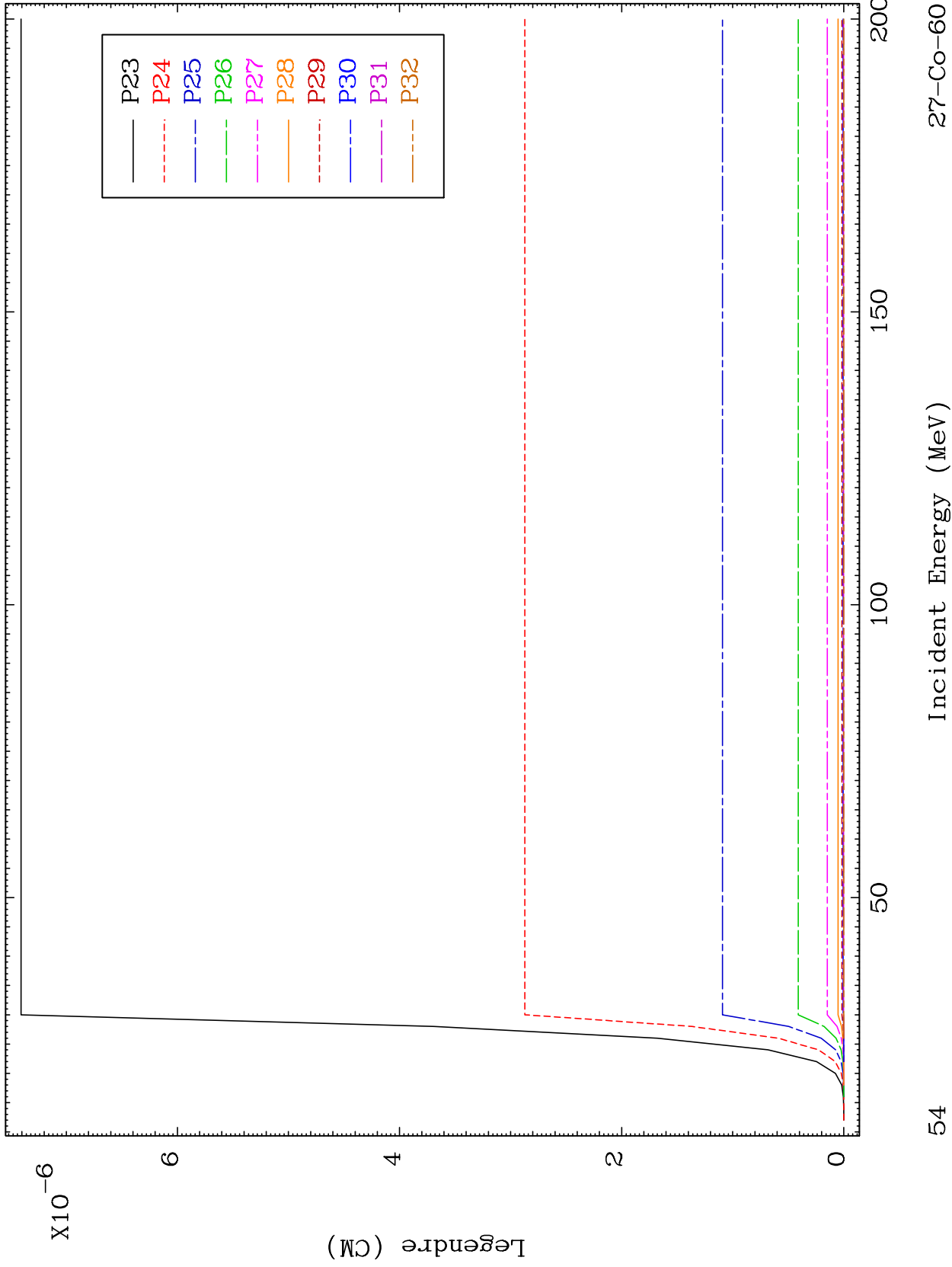
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



54

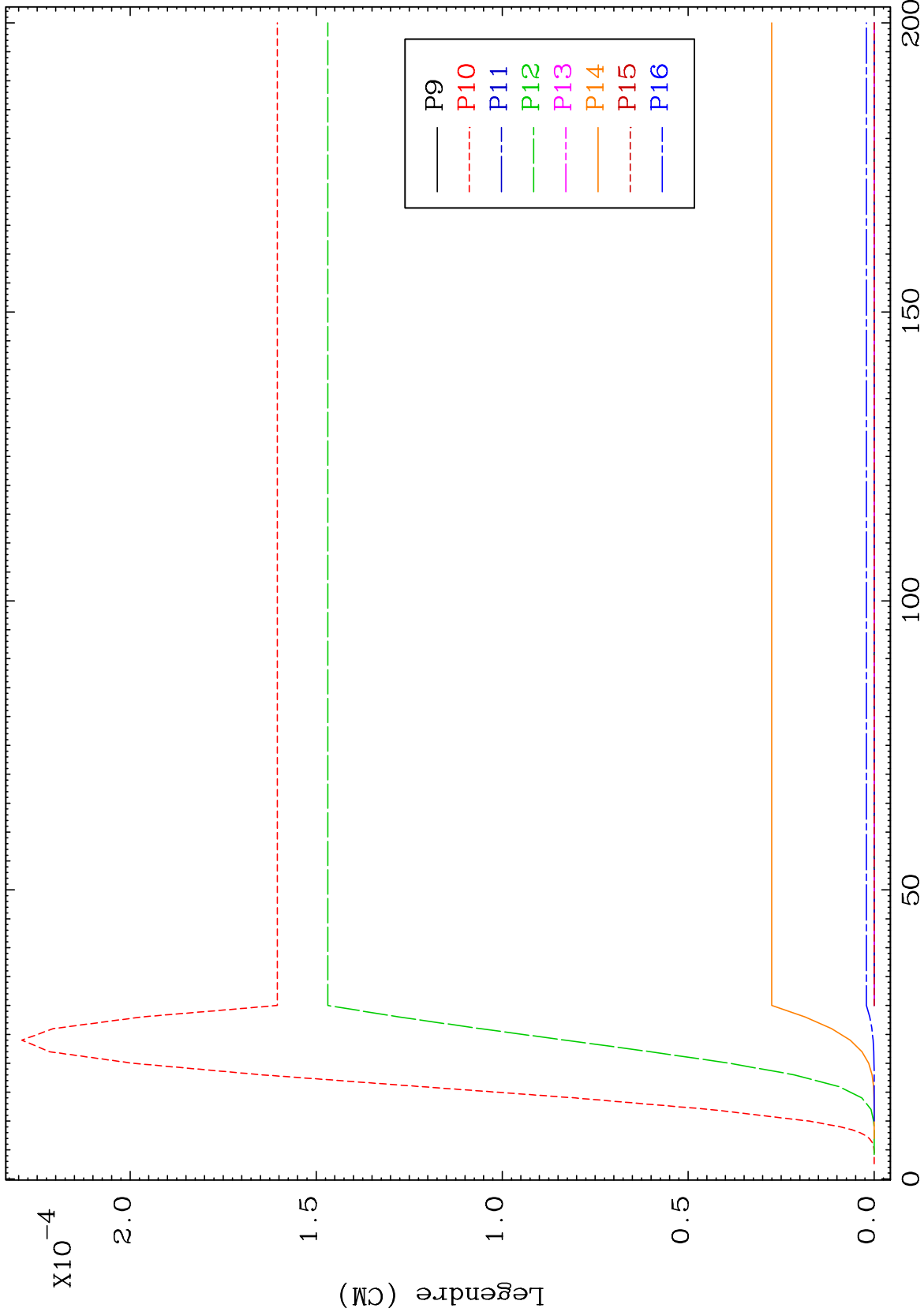
Incident Energy (MeV)

27-Co-60

MAT 2728

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

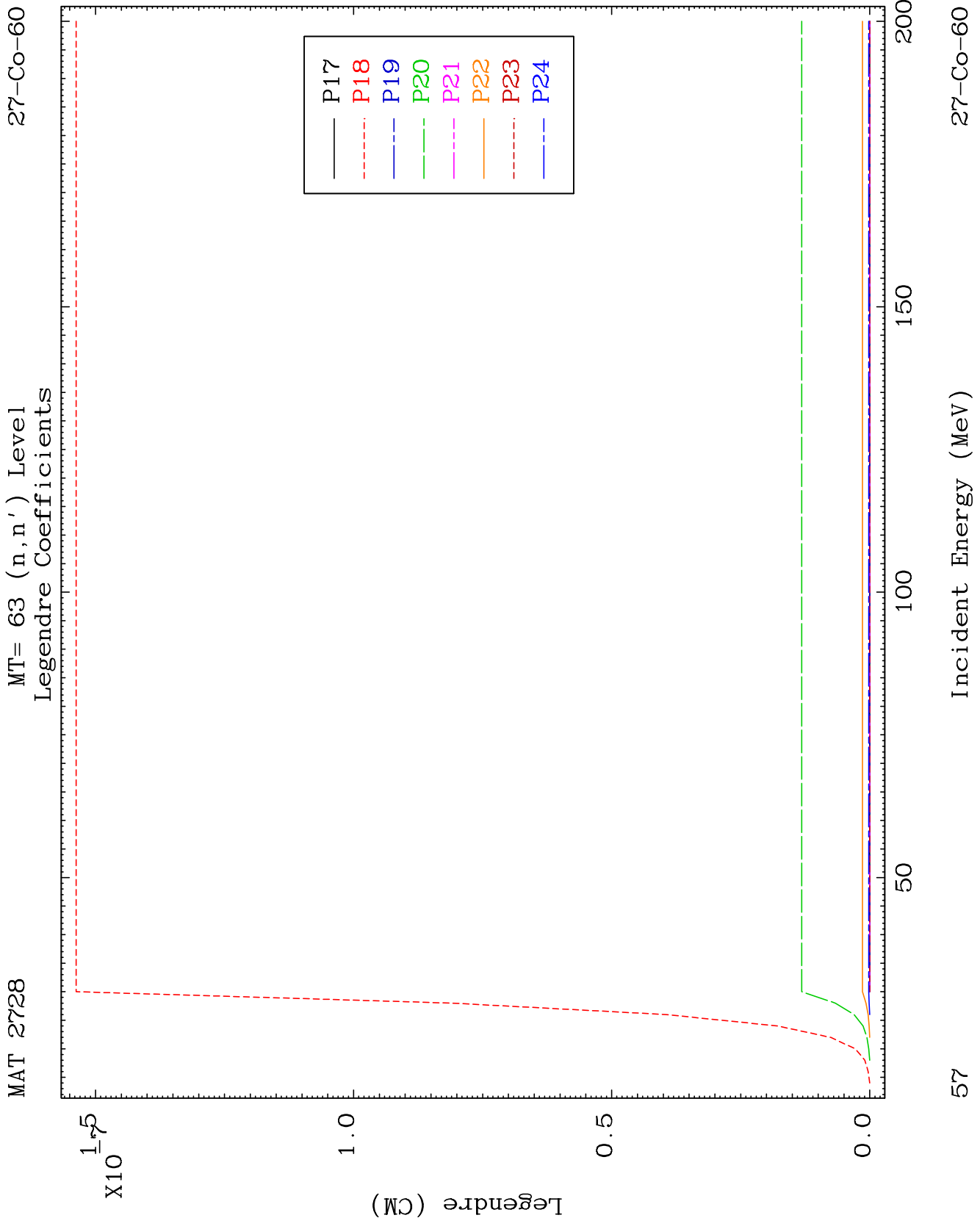
27-Co-60



27-Co-60

Incident Energy (MeV)

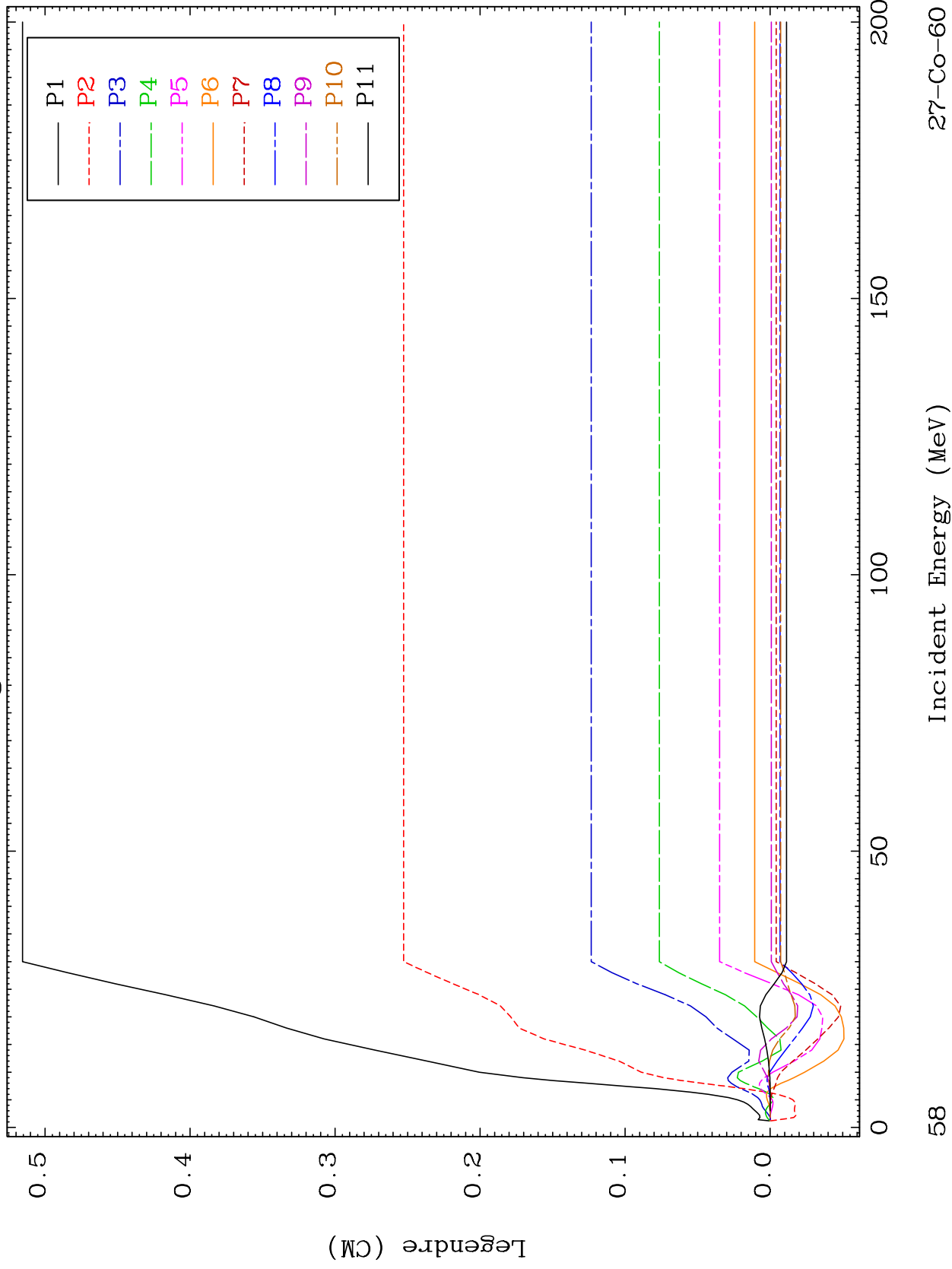
56



MAT 2728

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

27-Co-60



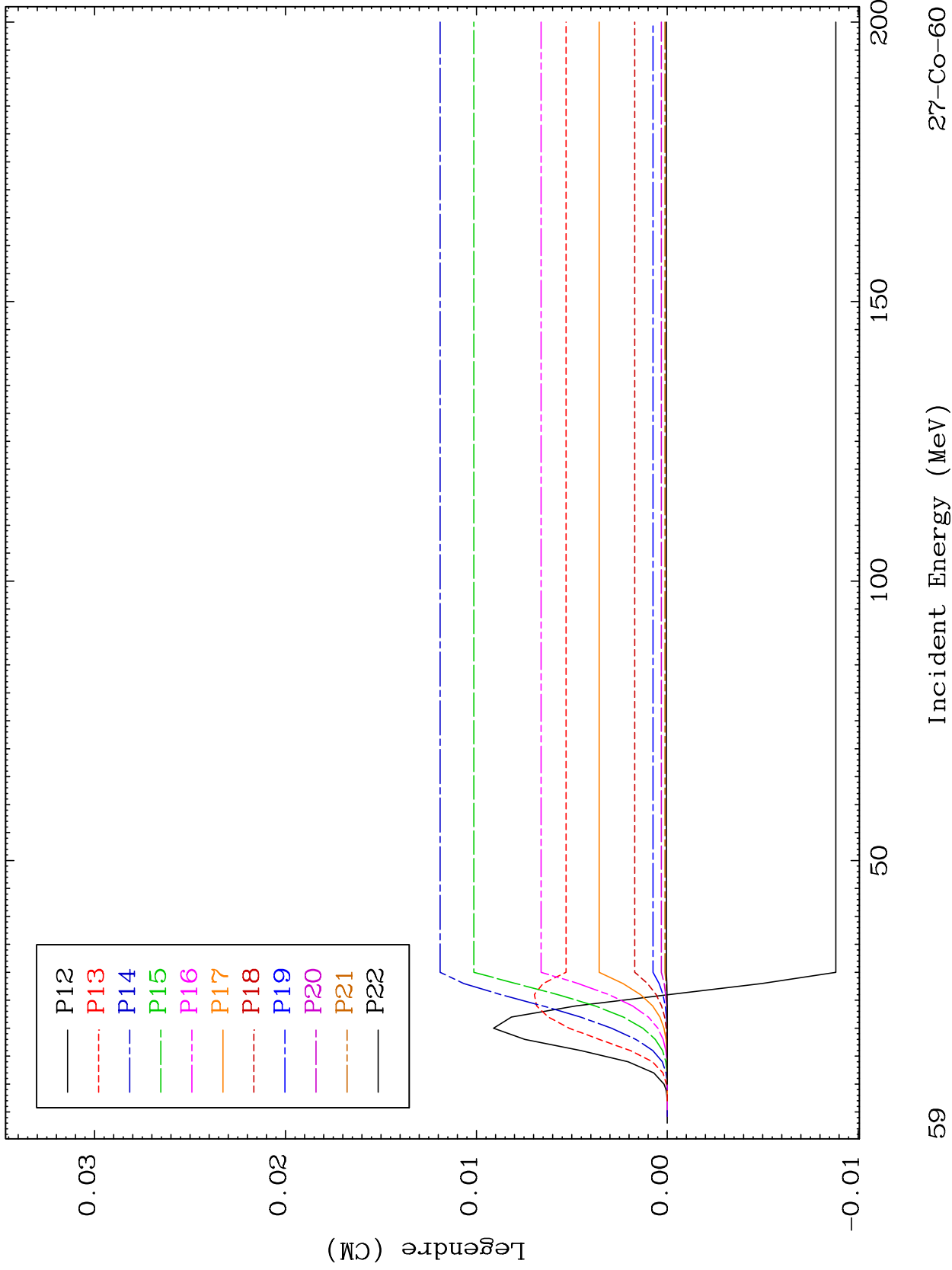
58

27-Co-60

MAT 2728

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

27-Co-60



59

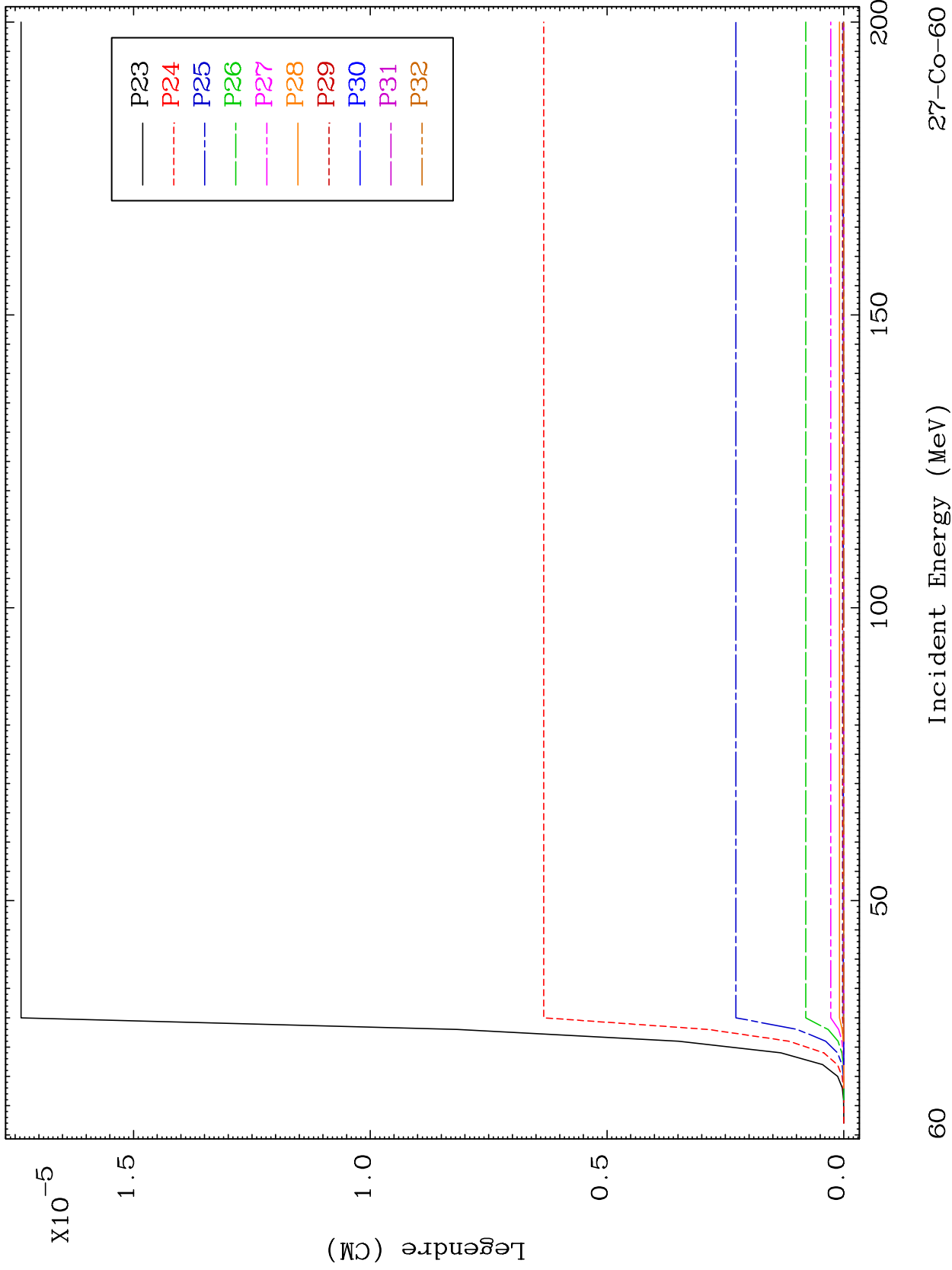
Incident Energy (MeV)

27-Co-60

MAT 2728

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

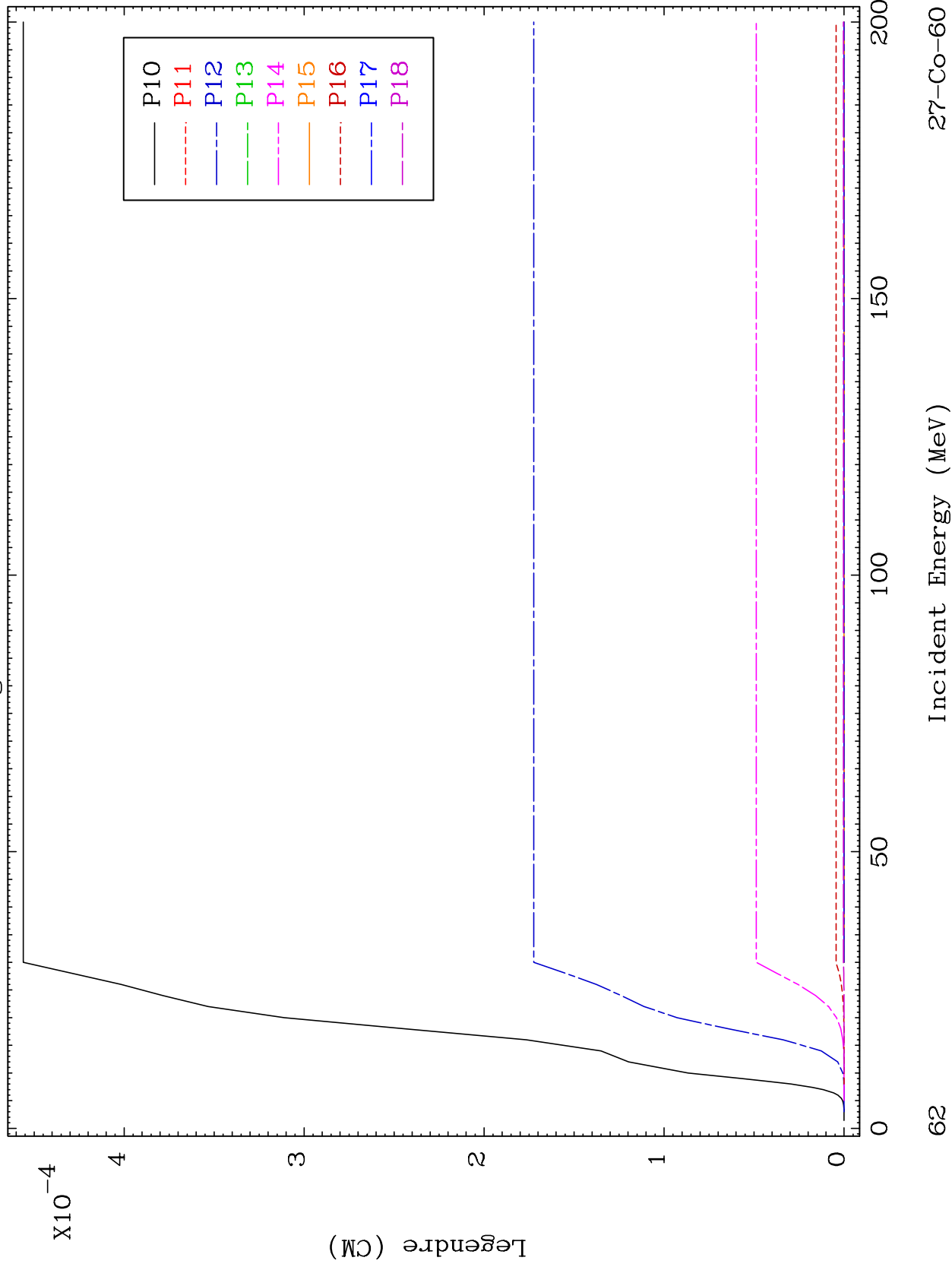
27-Co-60



MAT 2728

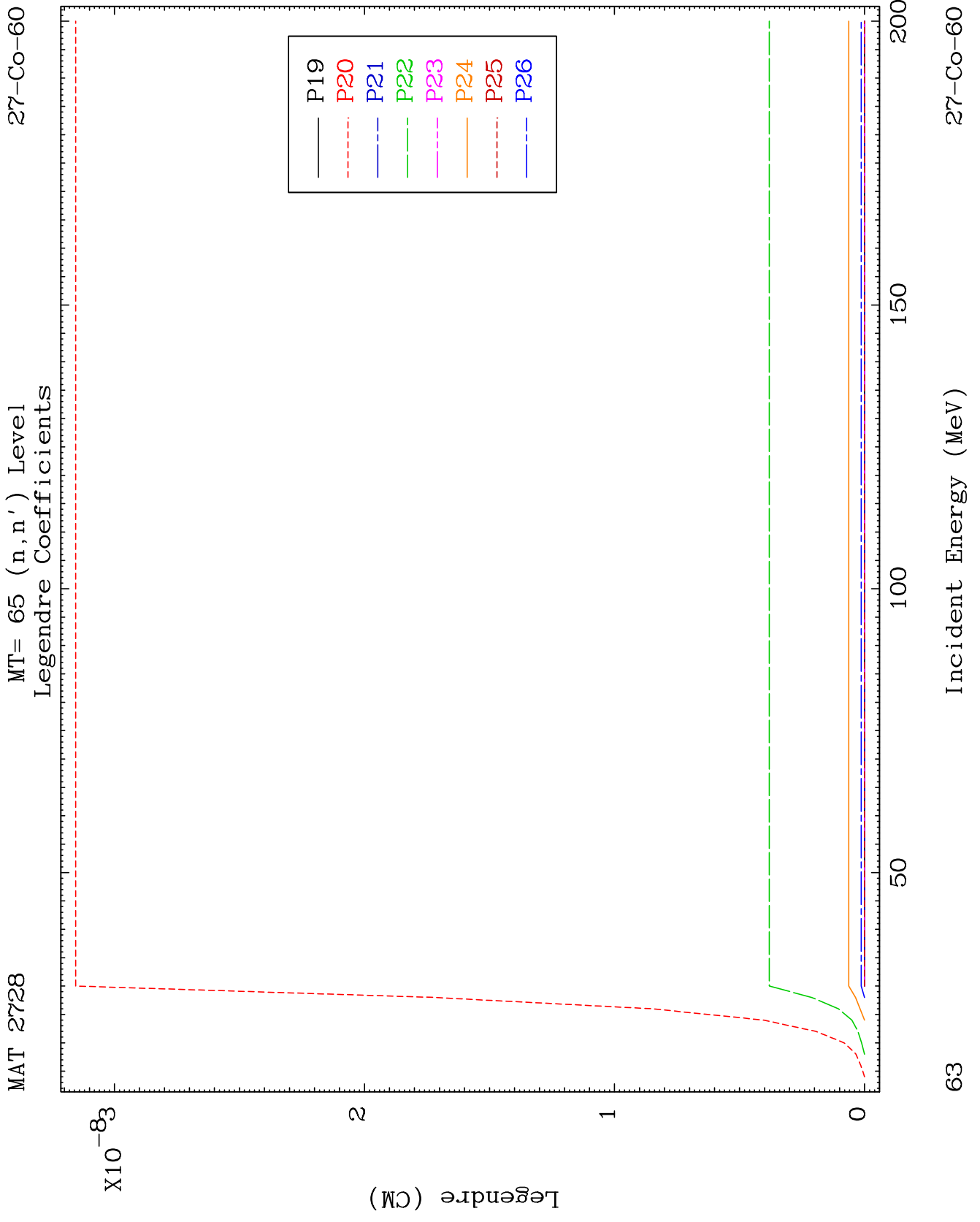
MT= 65 (n,n') Level
Legendre Coefficients

27-Co-60



62

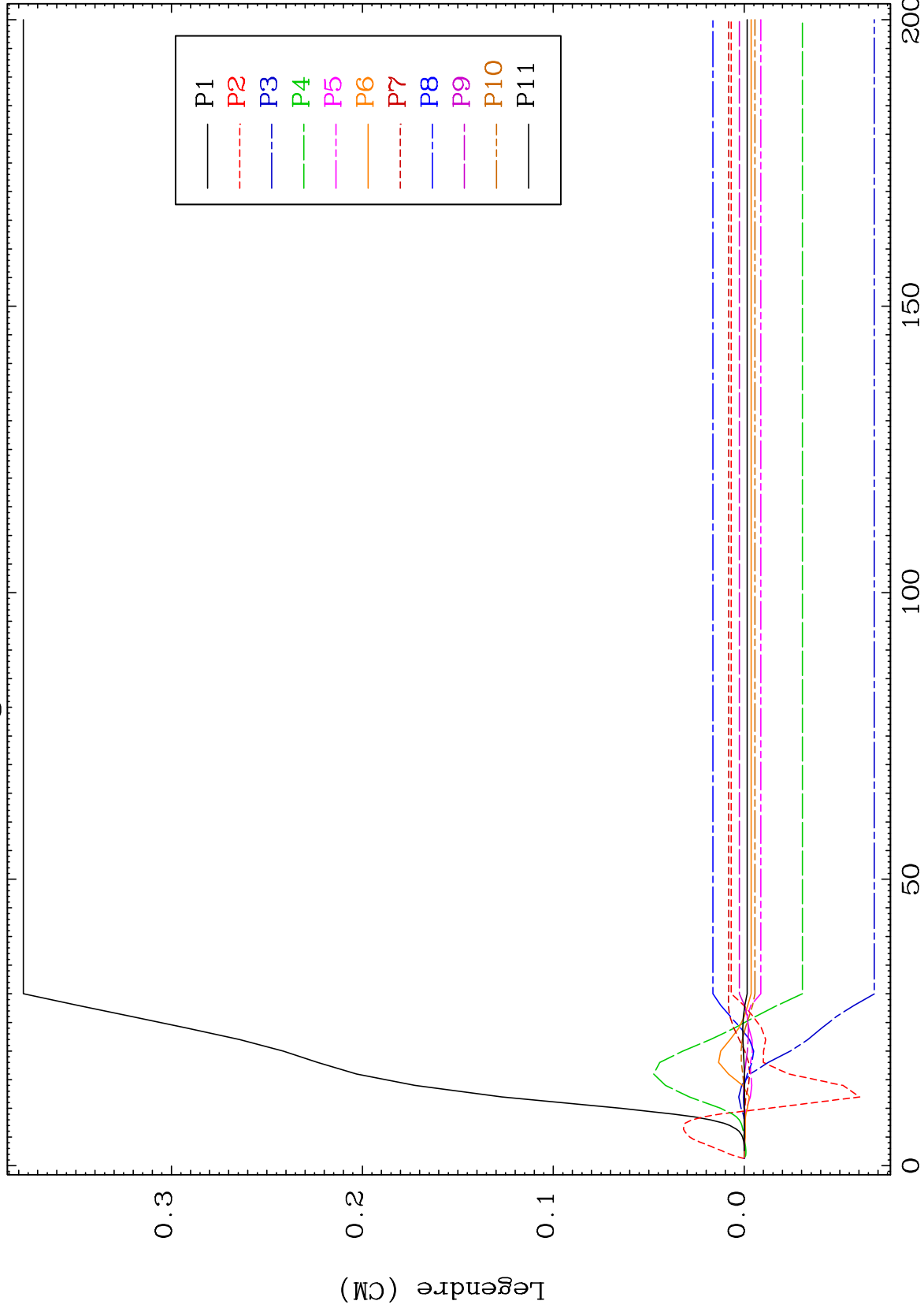
27-Co-60



MAT 2728

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

27-Co-60



64

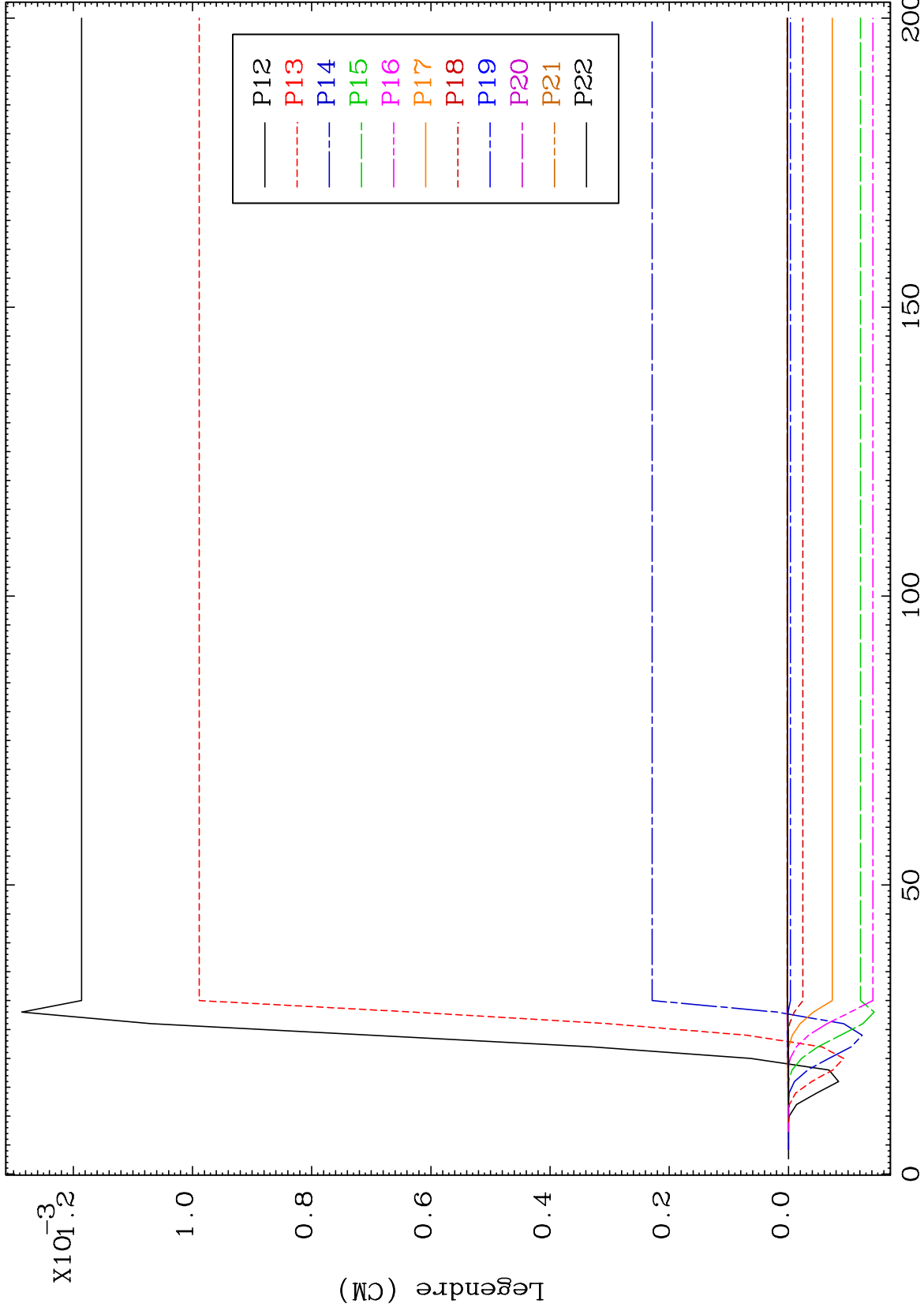
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



65

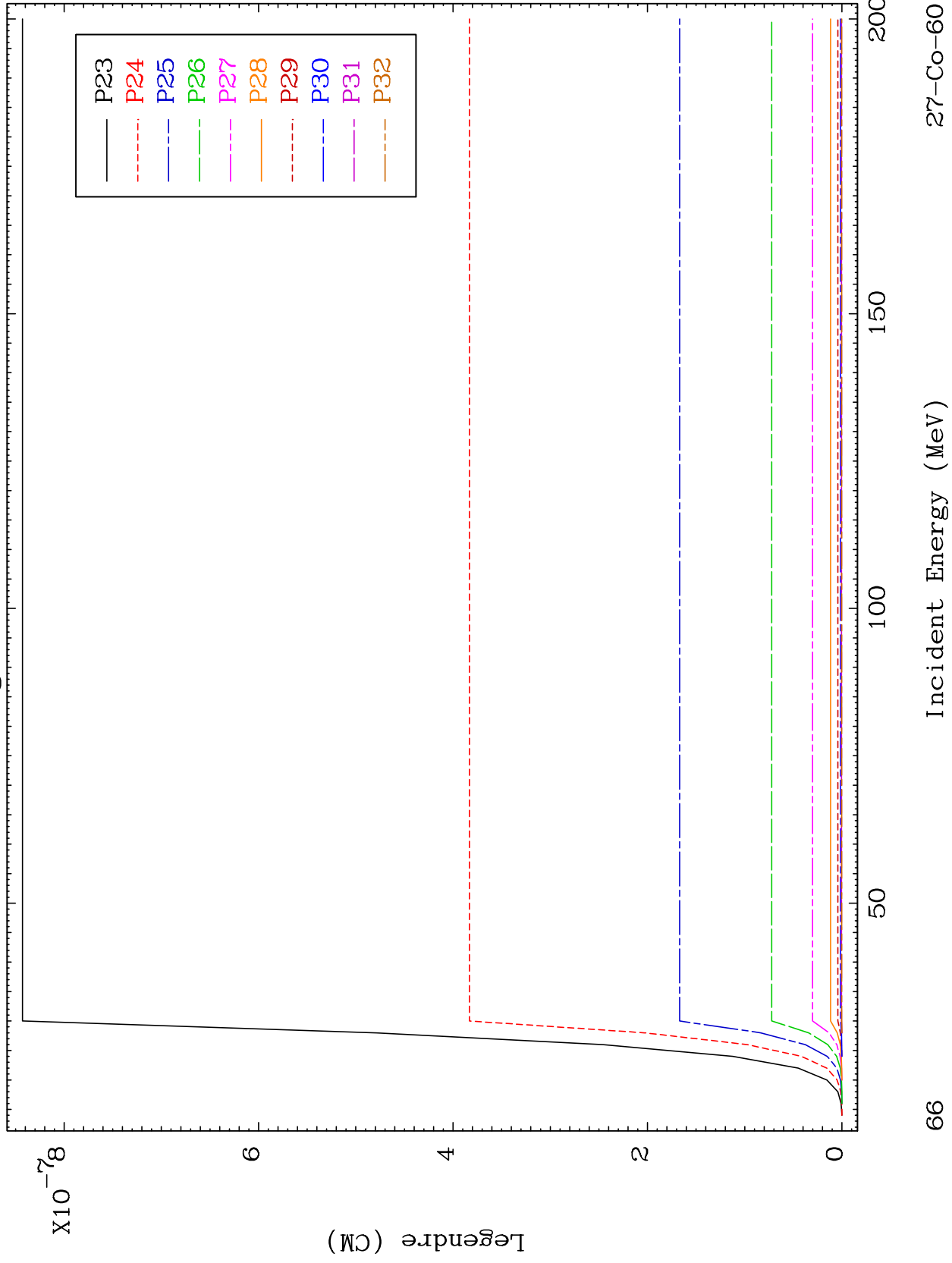
Incident Energy (MeV)

27-Co-60

MAT 2728

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

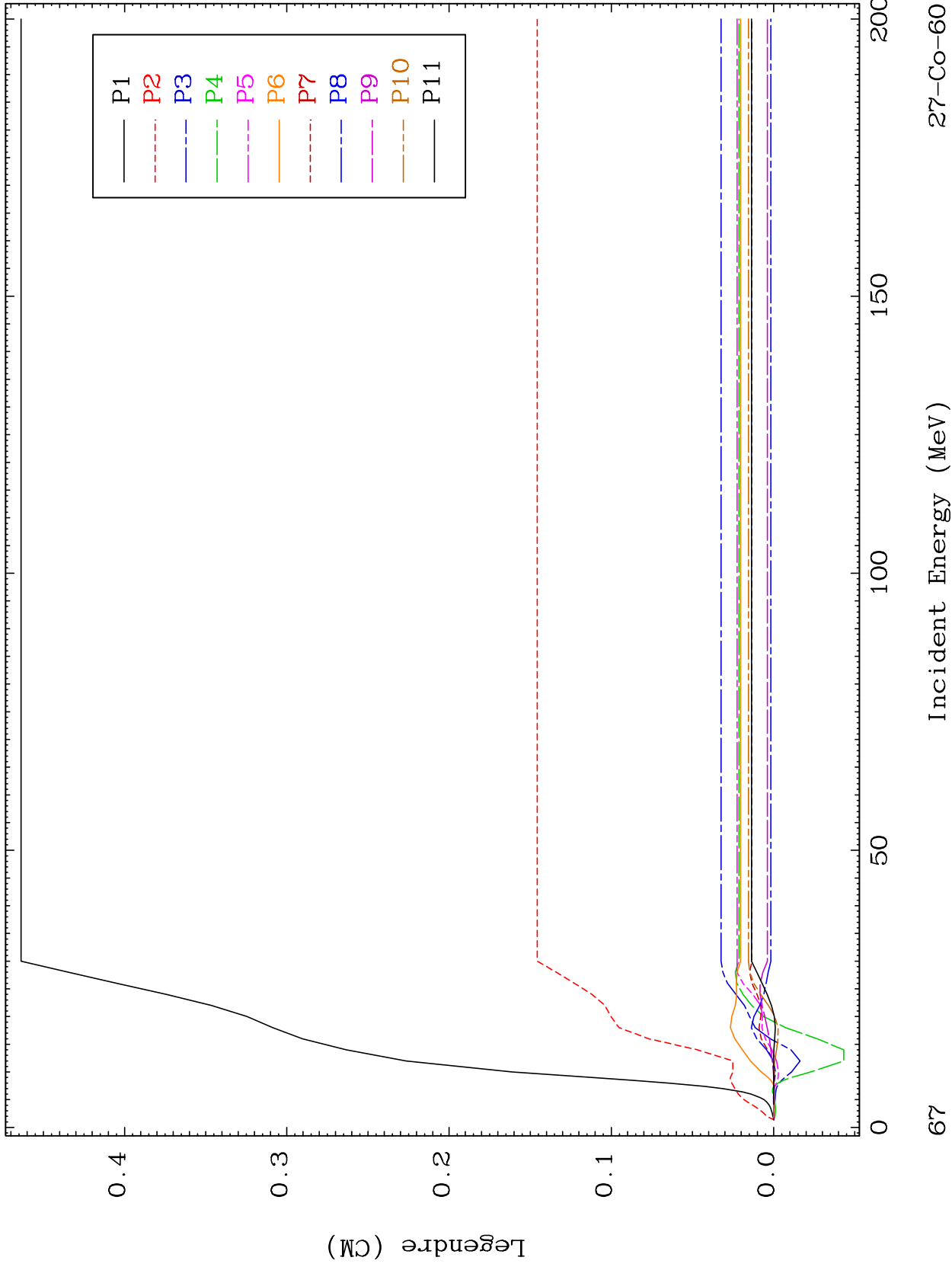
27-Co-60



MAT 2728

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

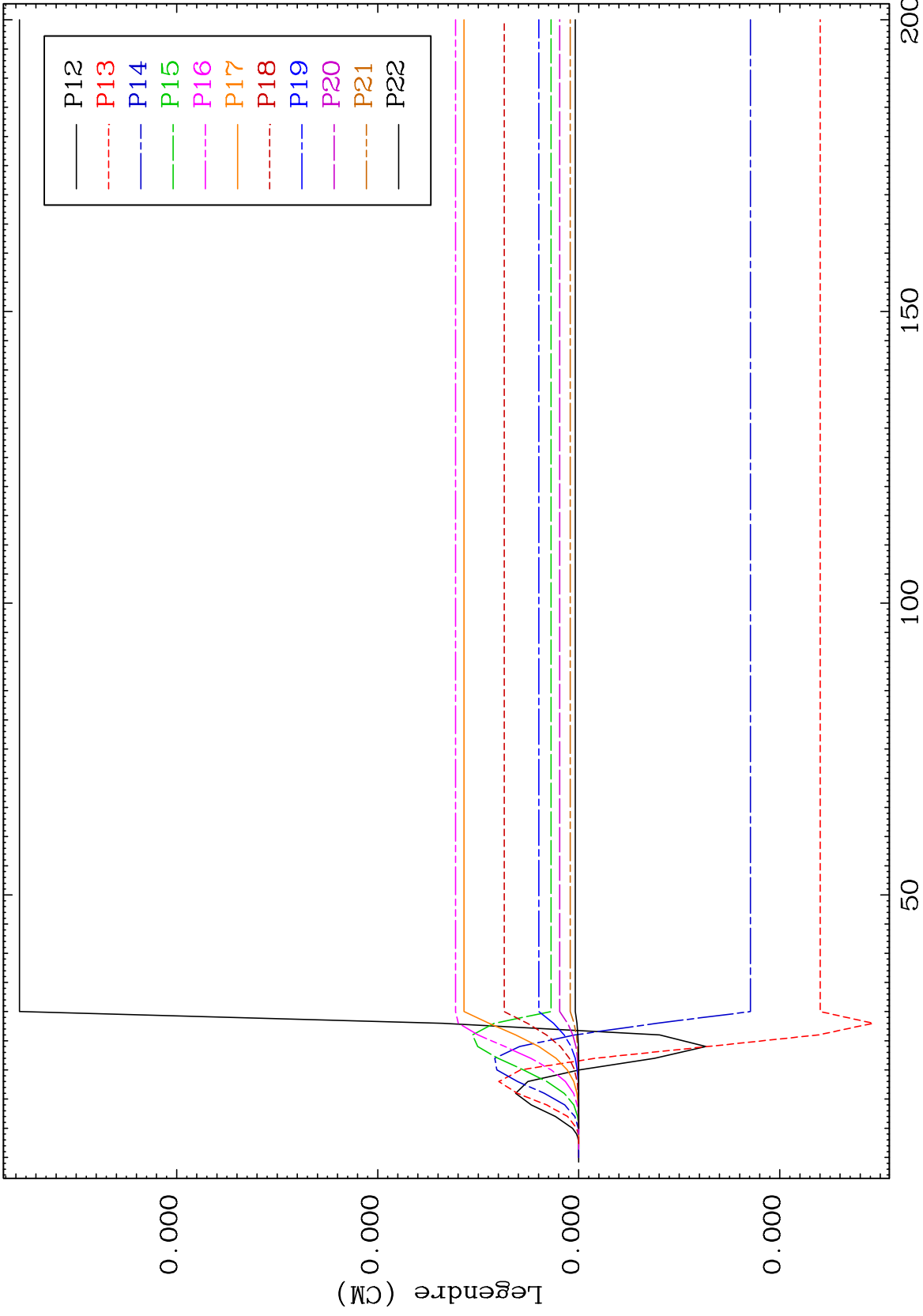
27-Co-60



MAT 2728

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

27-Co-60



68

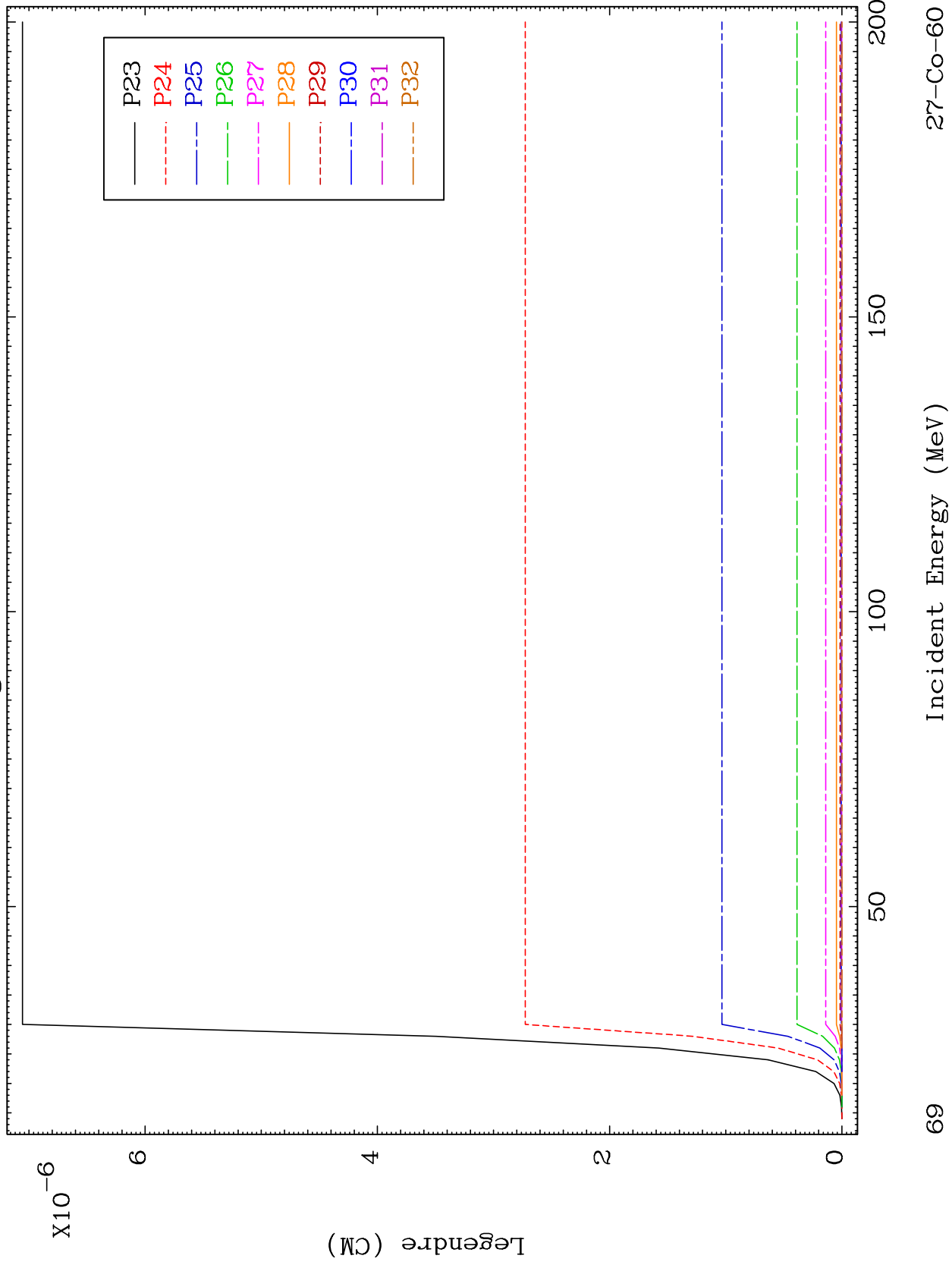
Incident Energy (MeV)

27-Co-60

MAT 2728

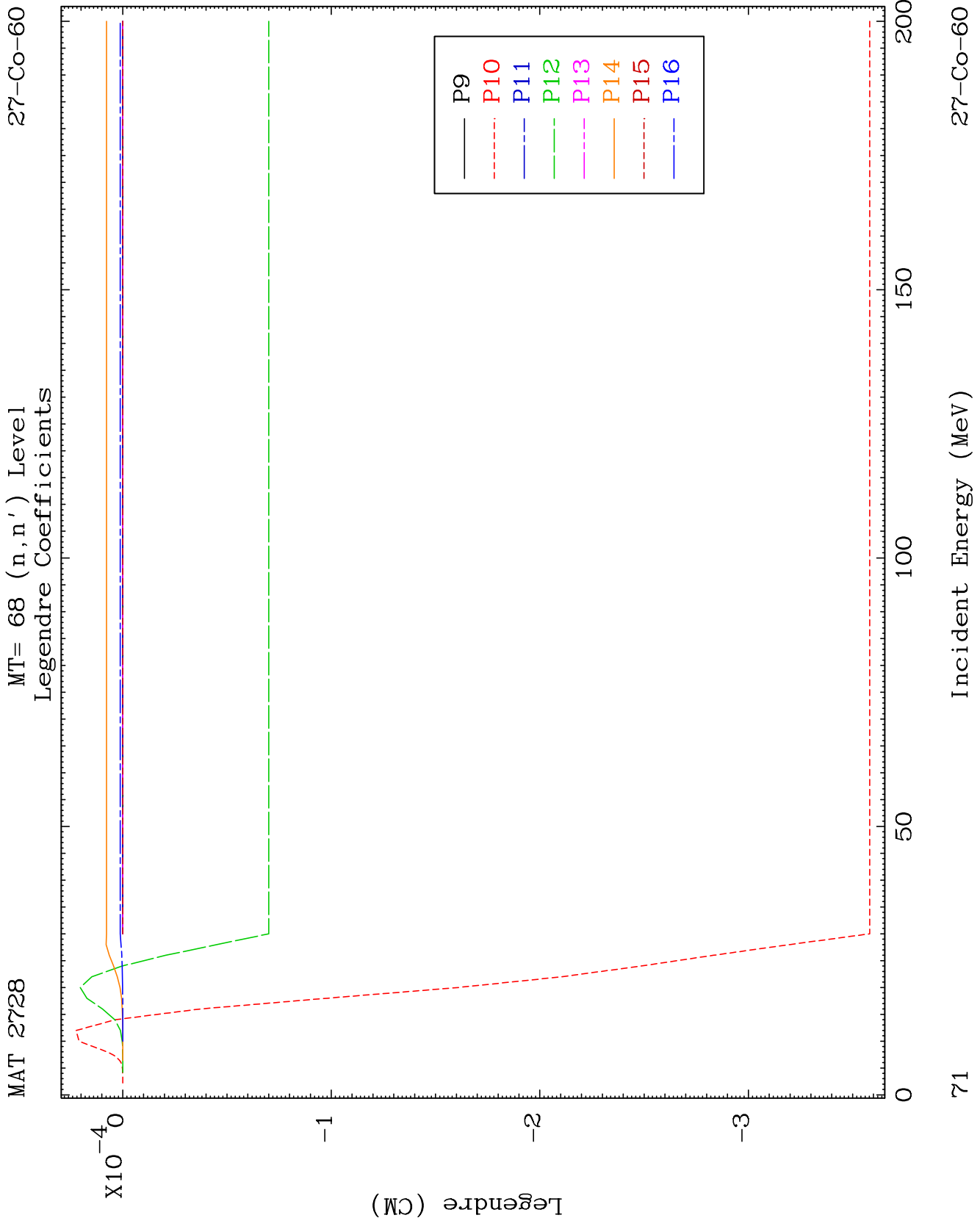
MT= 67 (n,n') Level
Legendre Coefficients

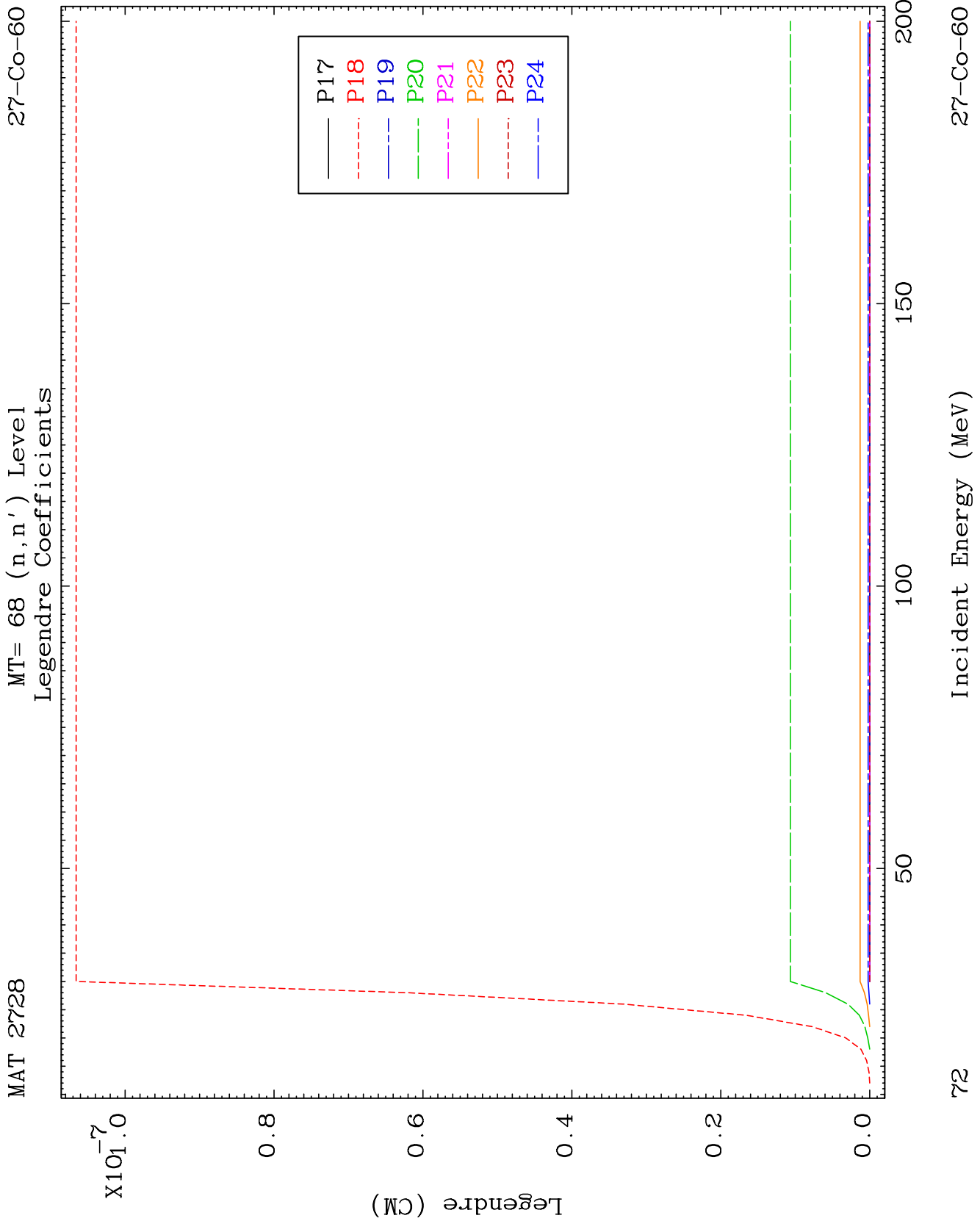
27-Co-60



69

27-Co-60

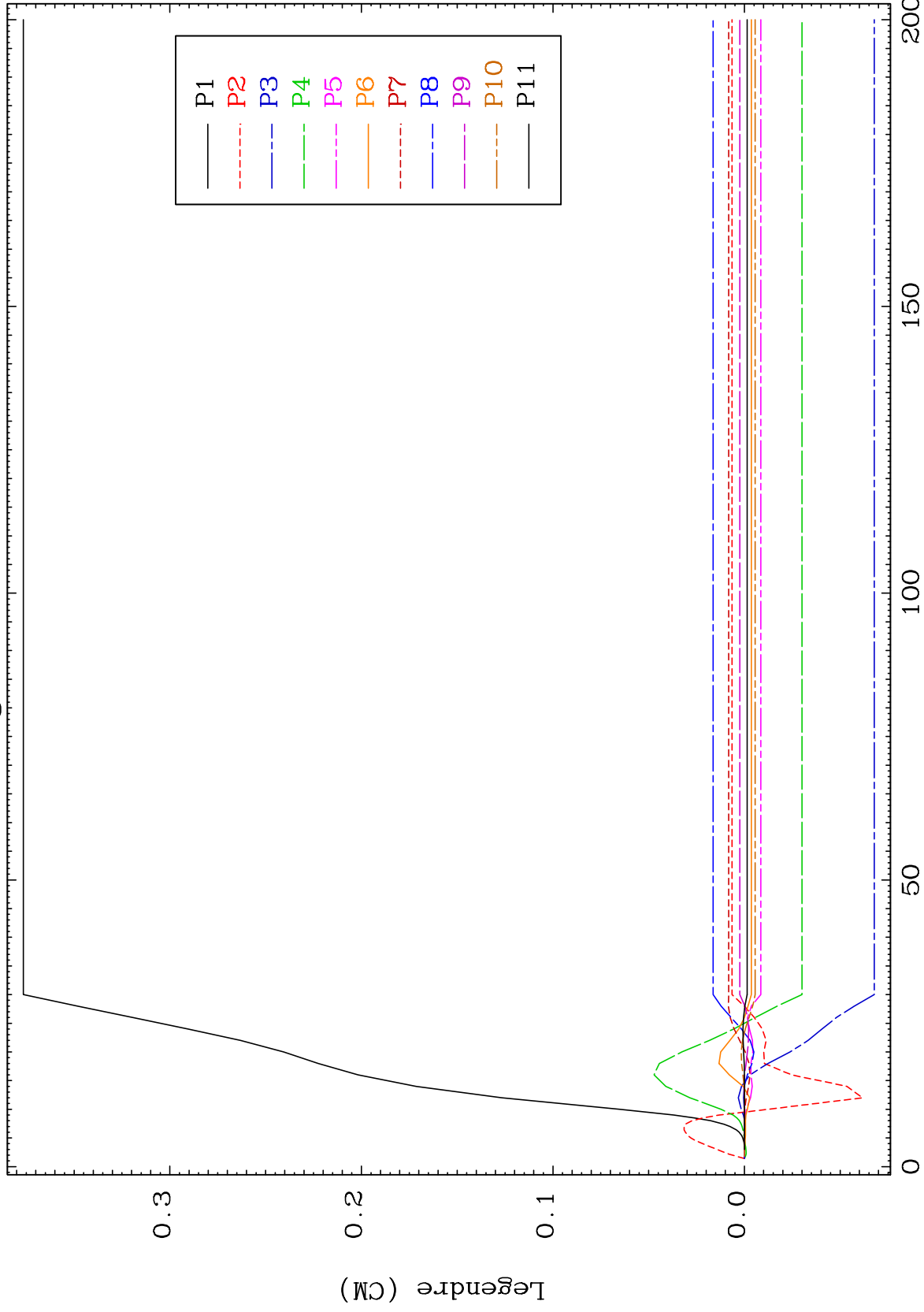




MAT 2728

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

27-Co-60



73

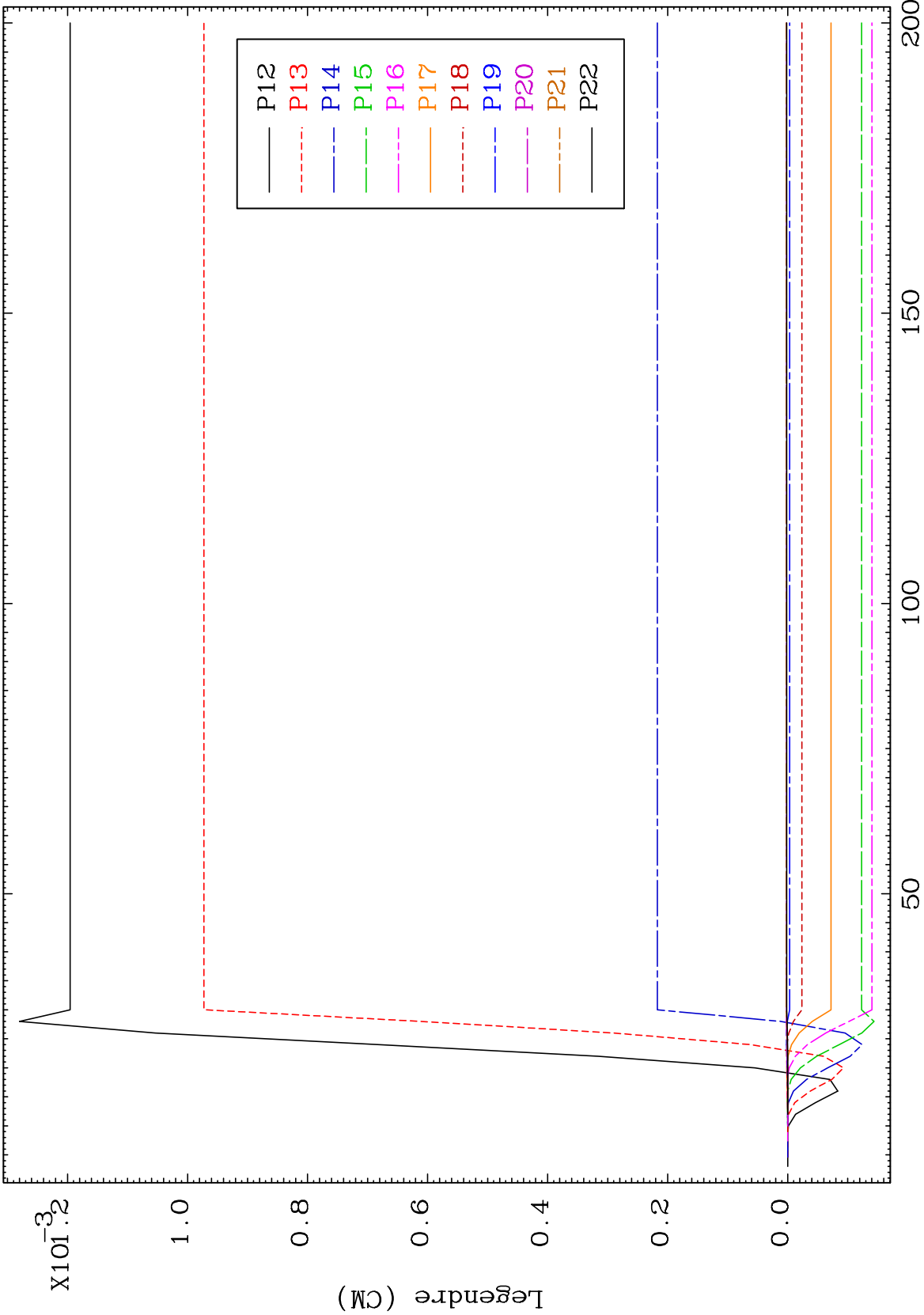
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



74

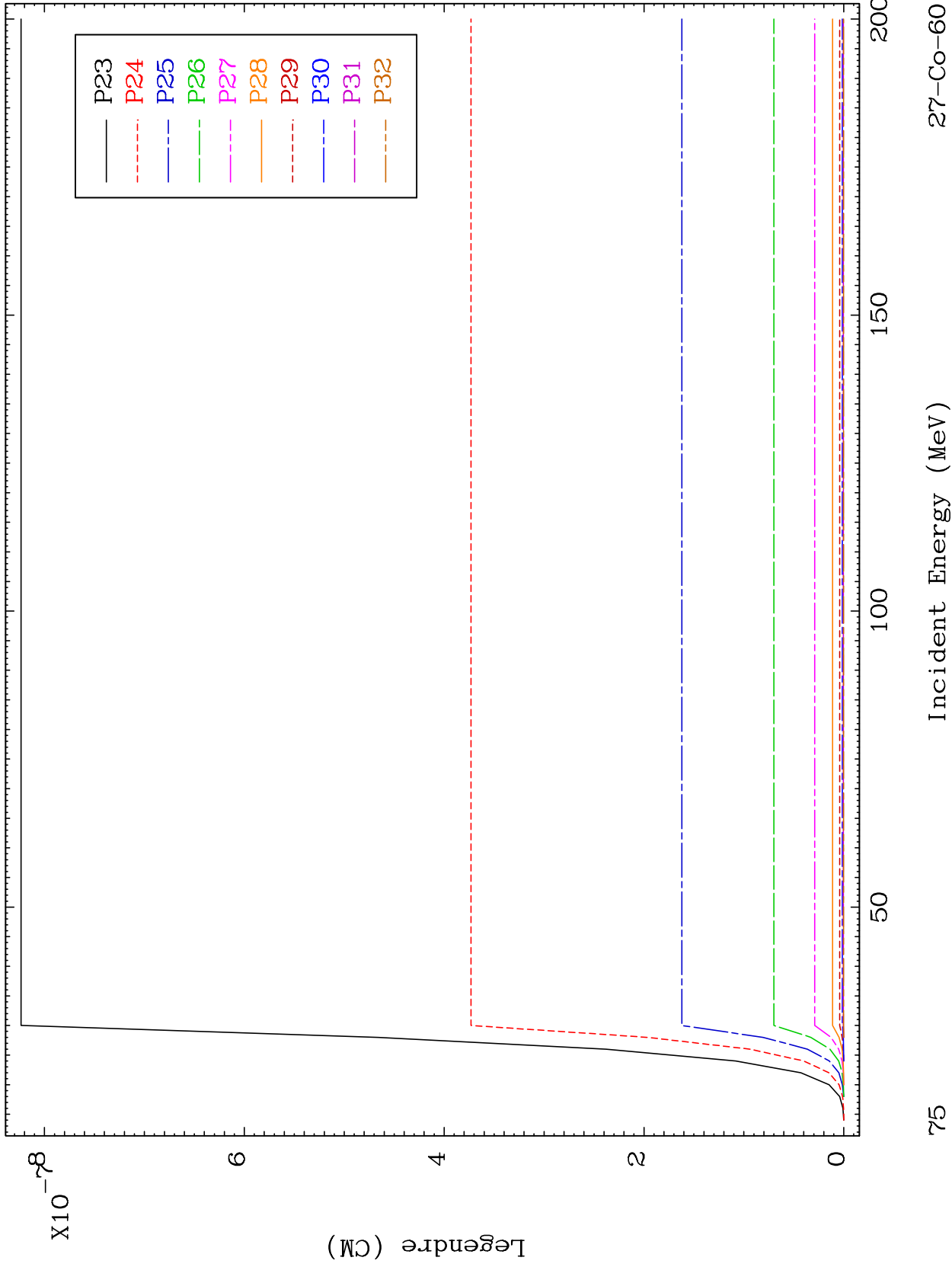
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60

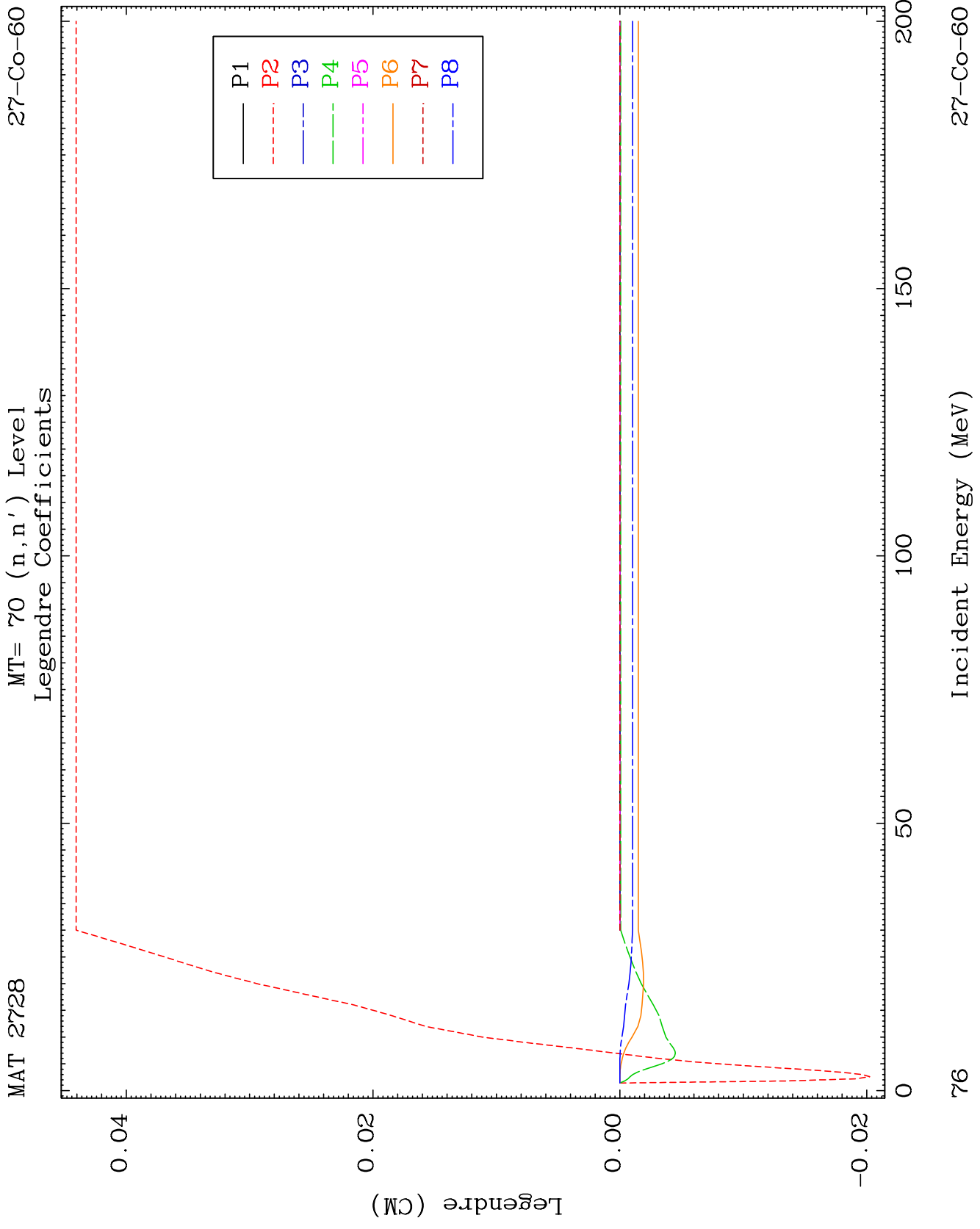


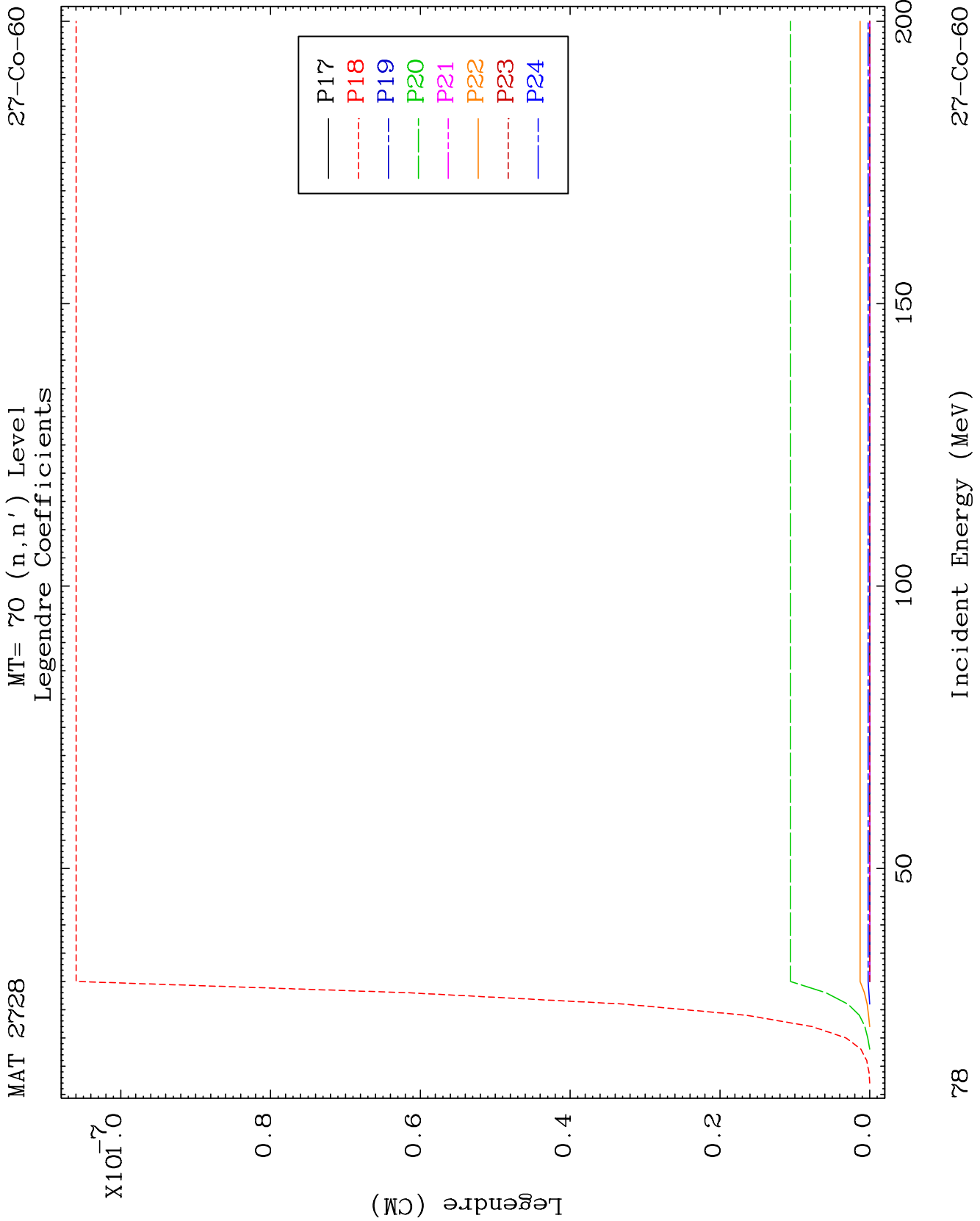
75

Incident Energy (MeV)

150

27-Co-60

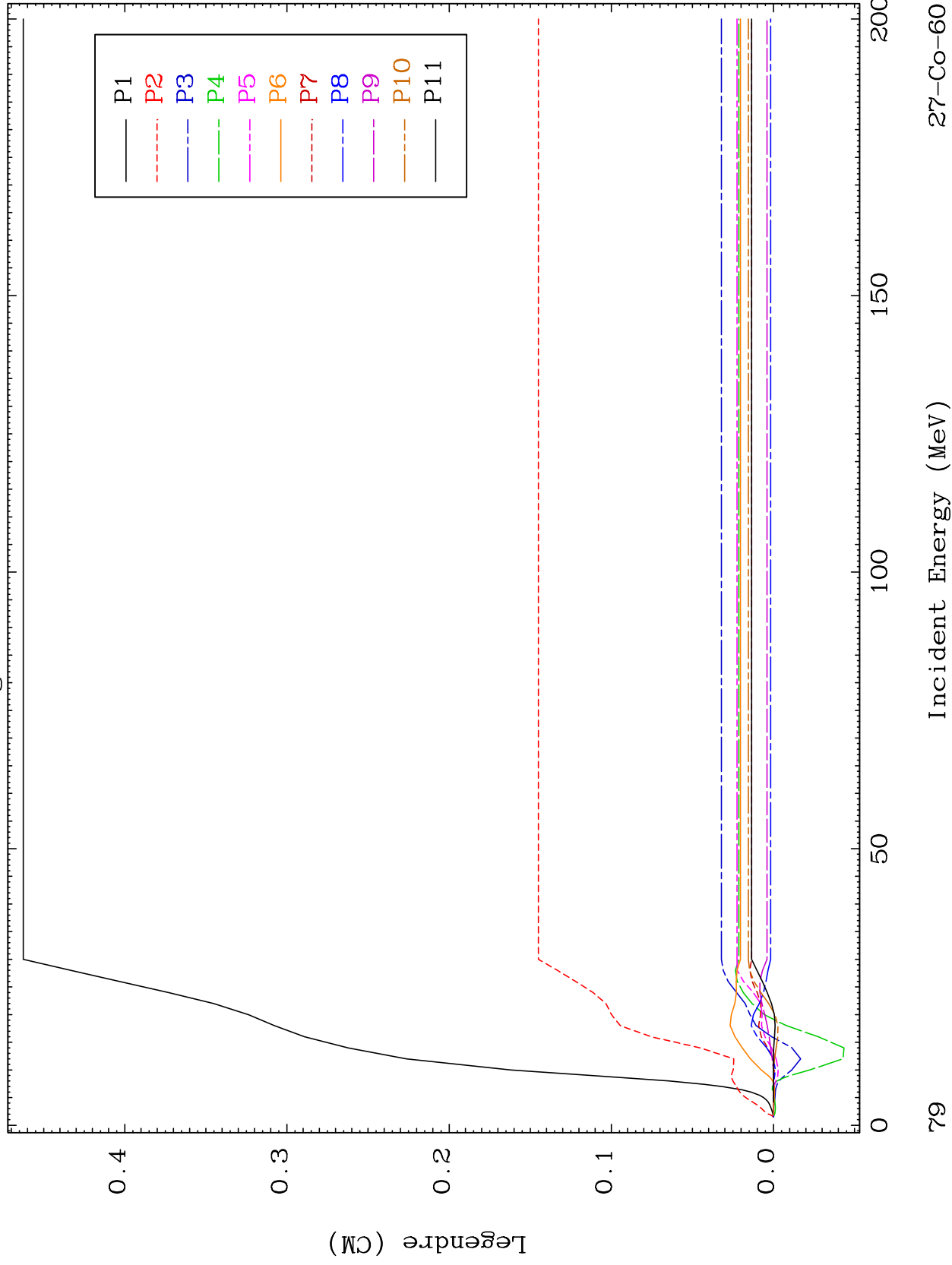




MAT 2728

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

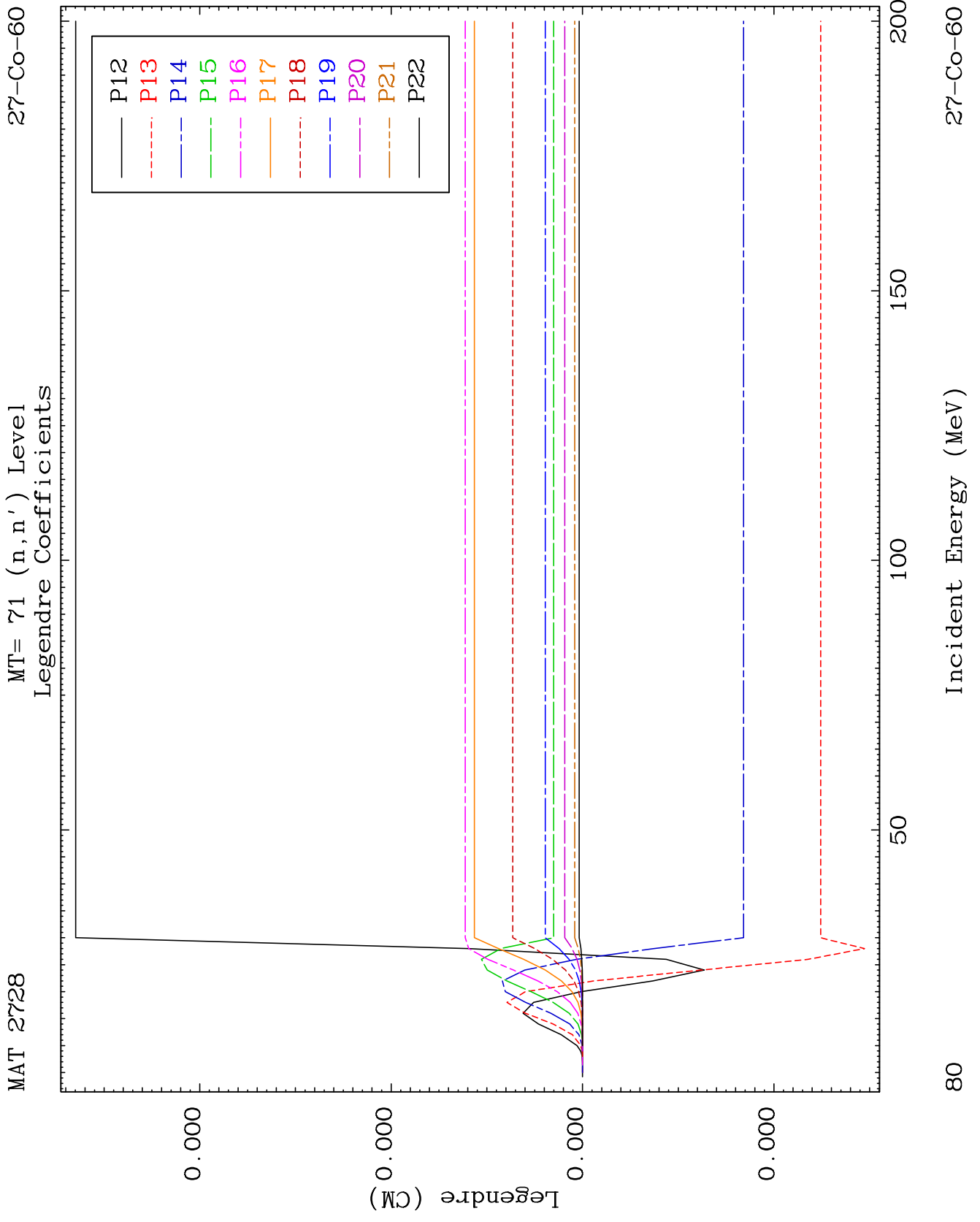
27-Co-60



27-Co-60

Incident Energy (MeV)

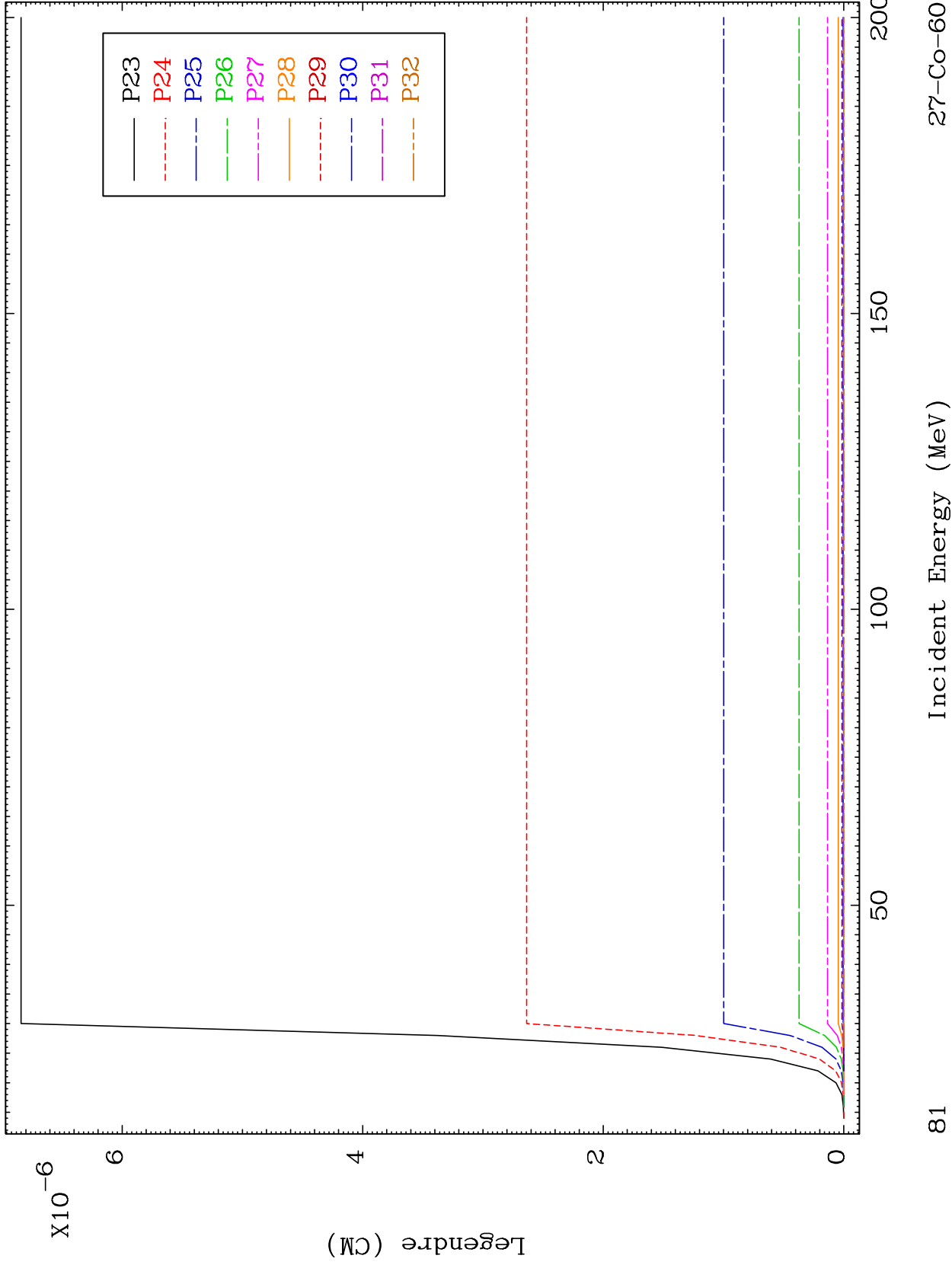
79



MAT 2728

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

27-Co-60



81

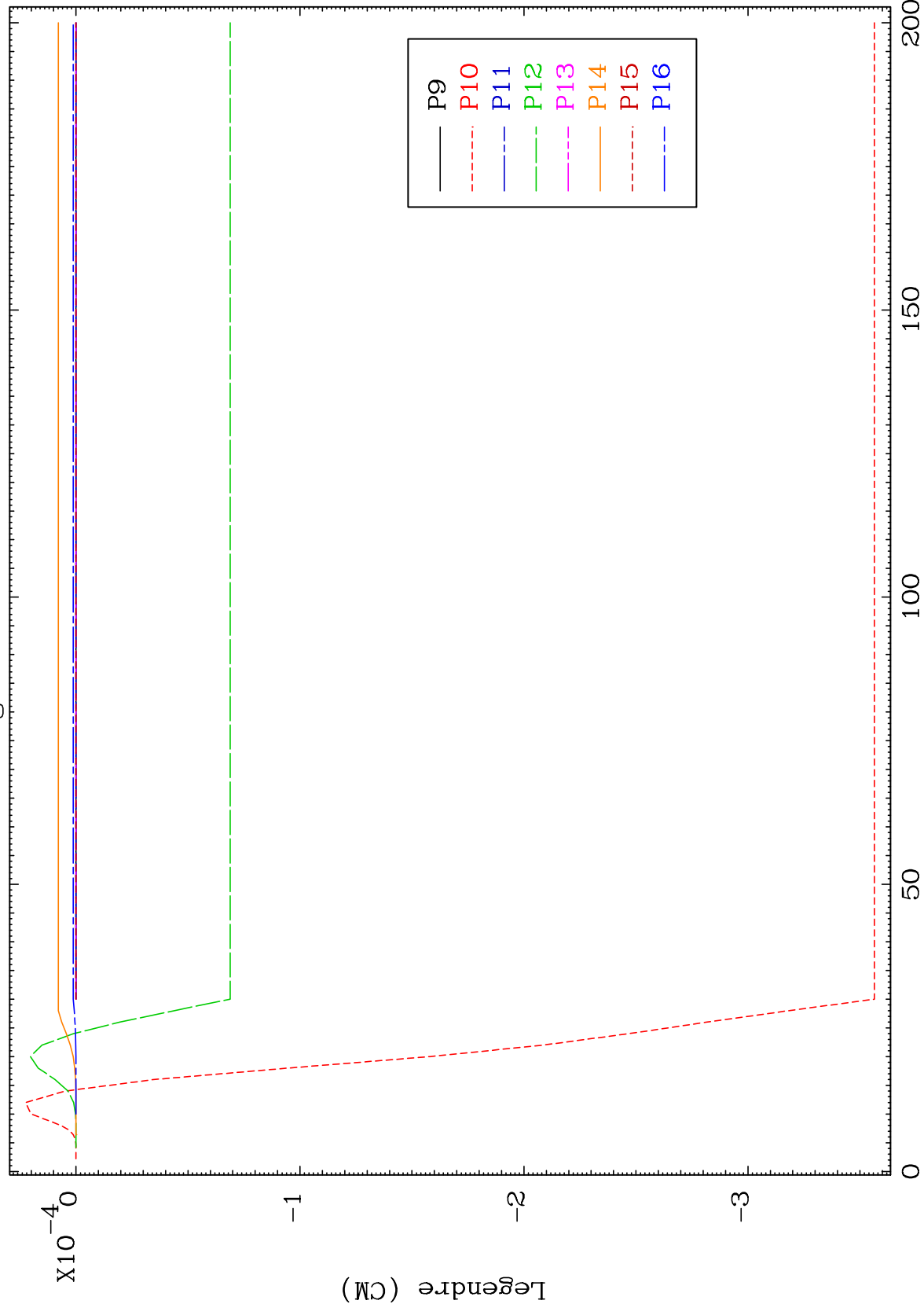
Incident Energy (MeV)

27-Co-60

MAT 2728

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

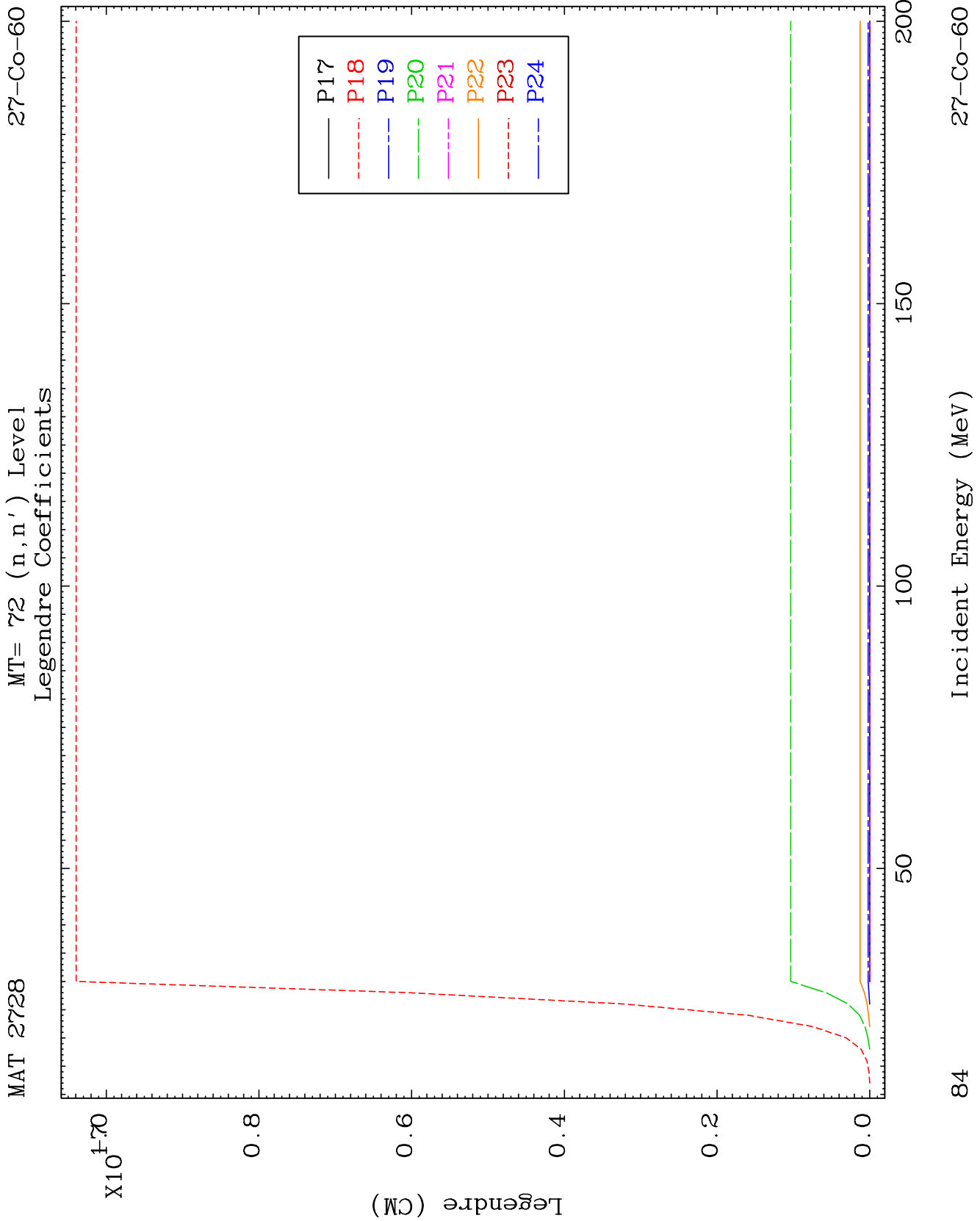
27-Co-60

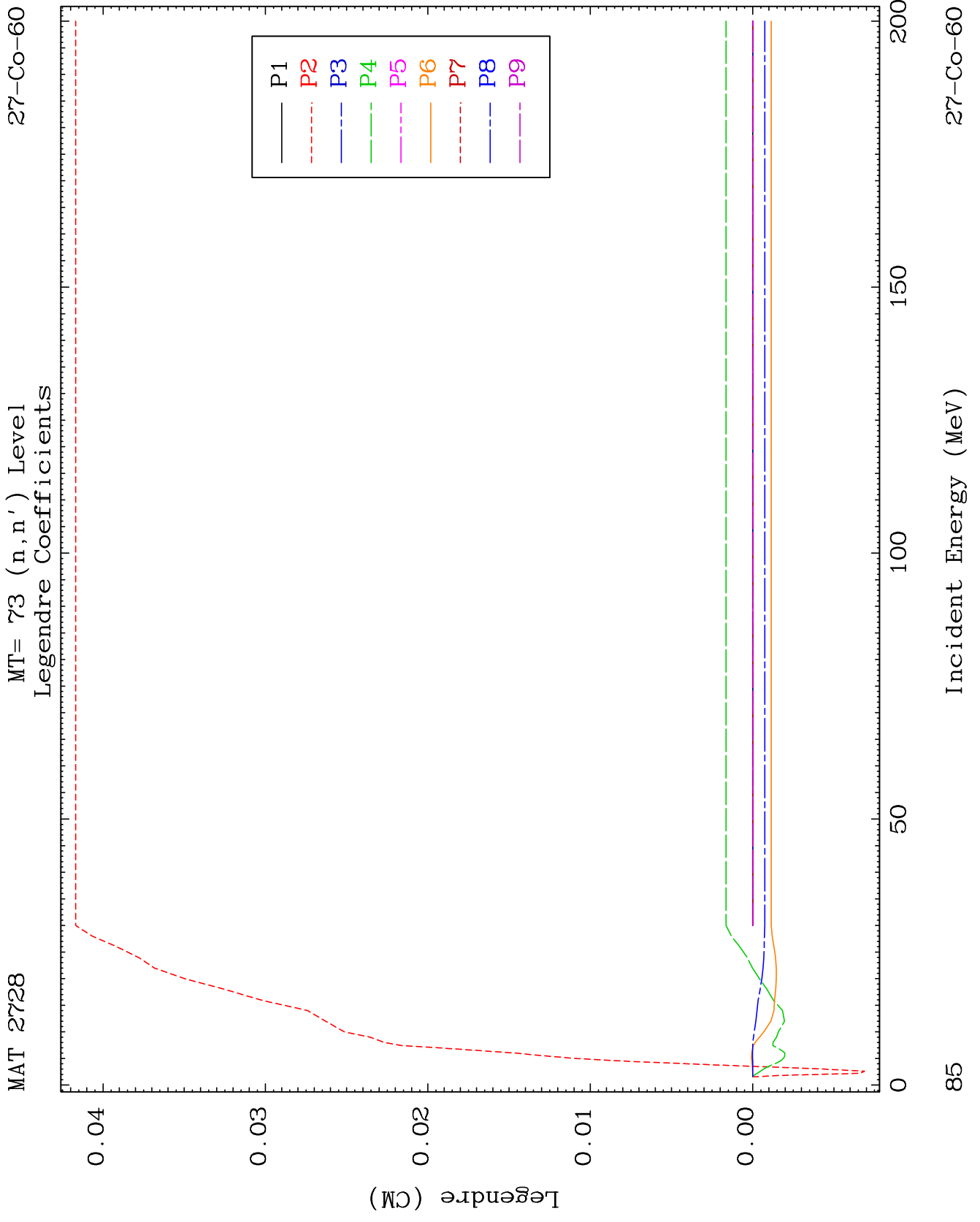


83

Incident Energy (MeV)

27-Co-60

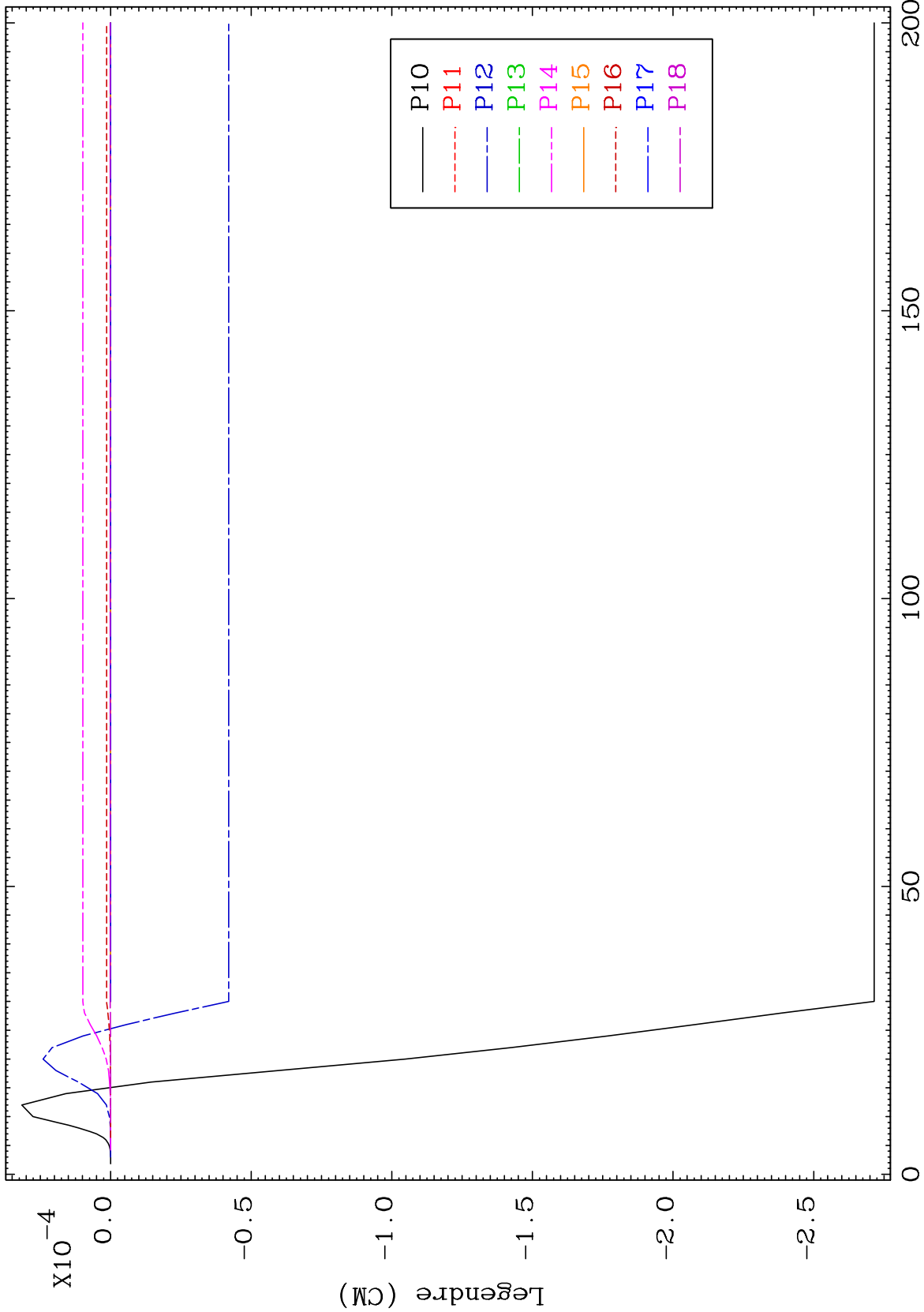




MAT 2728

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

27-Co-60



86

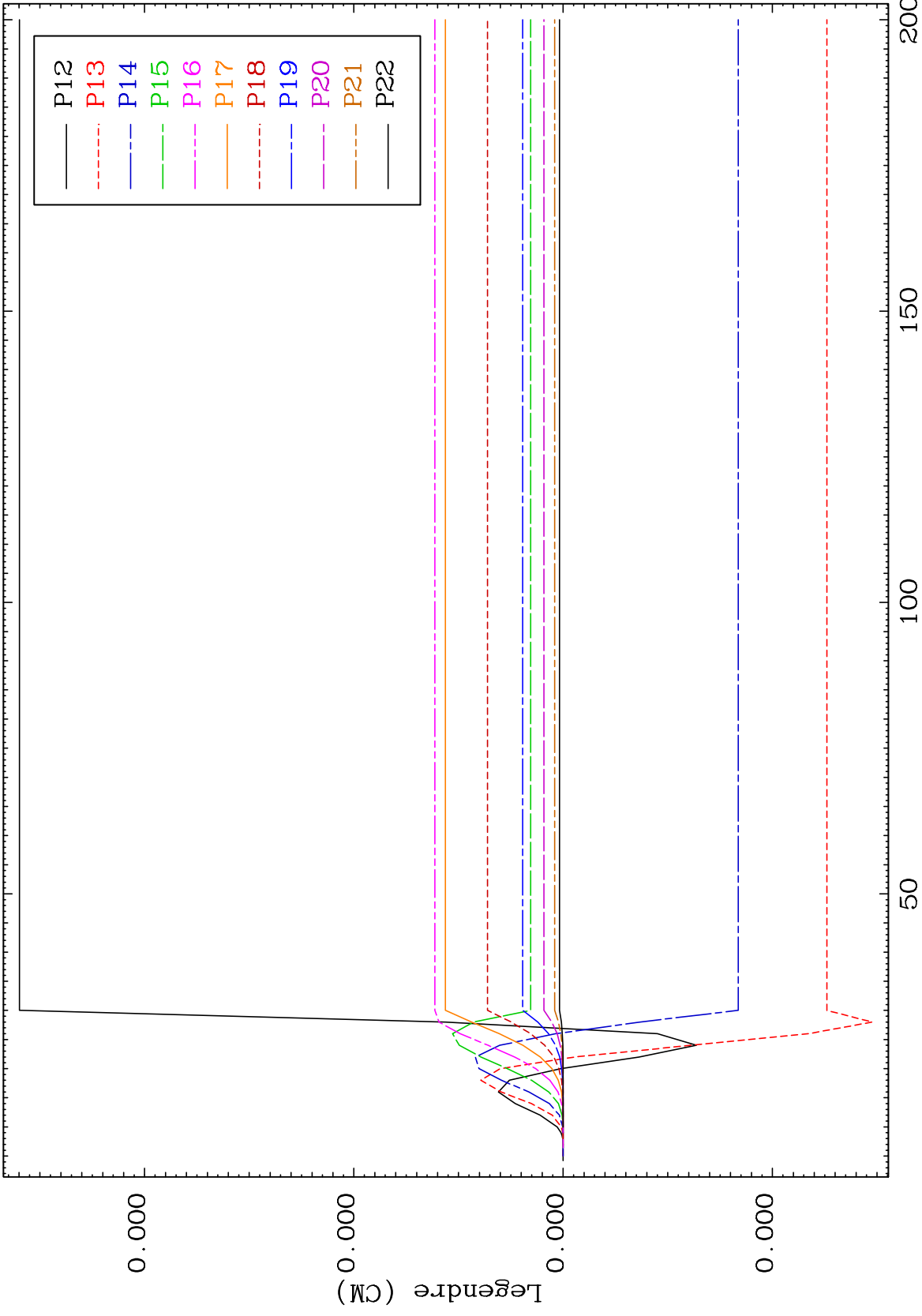
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



89

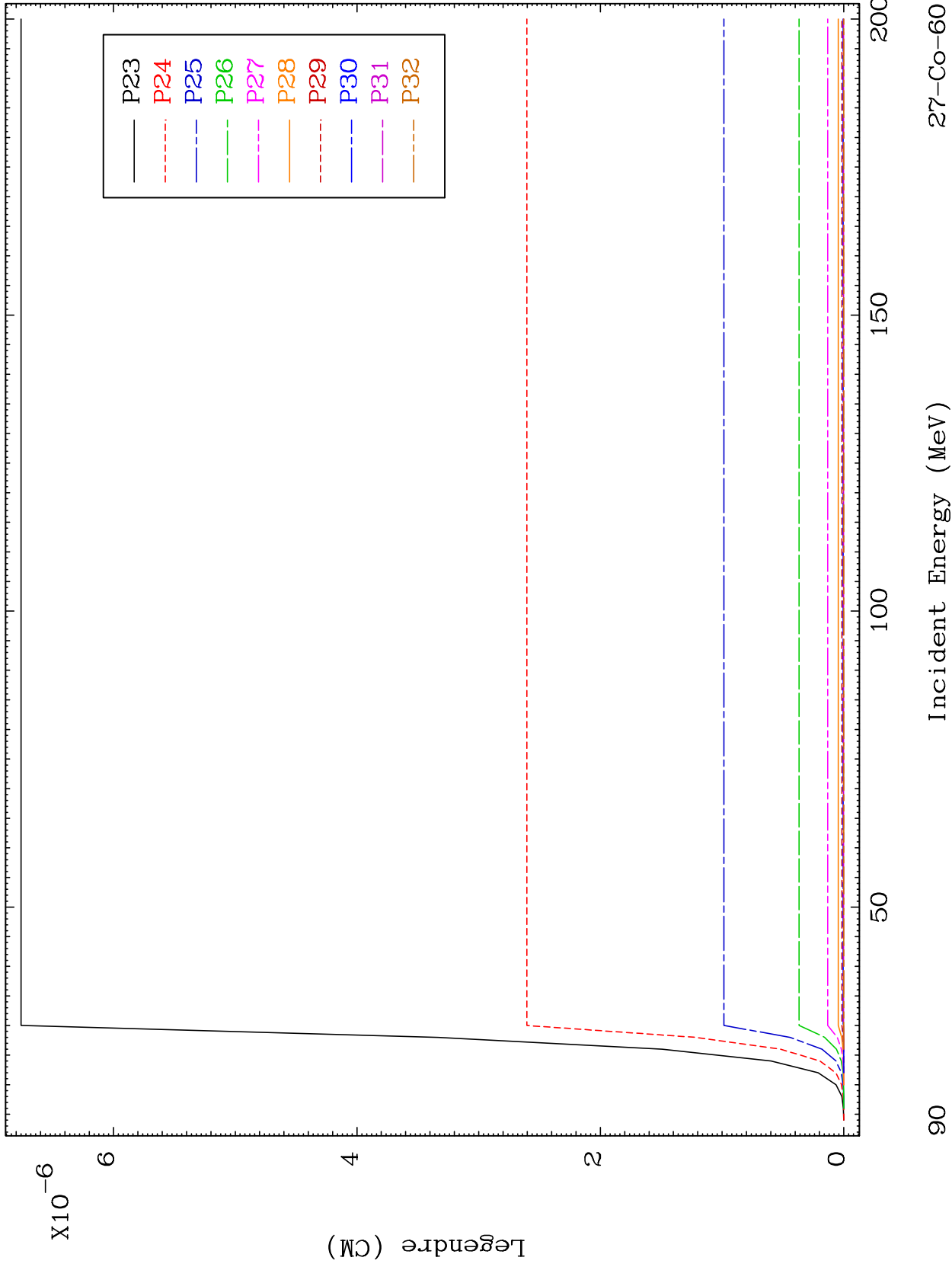
Incident Energy (MeV)

27-Co-60

MAT 2728

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

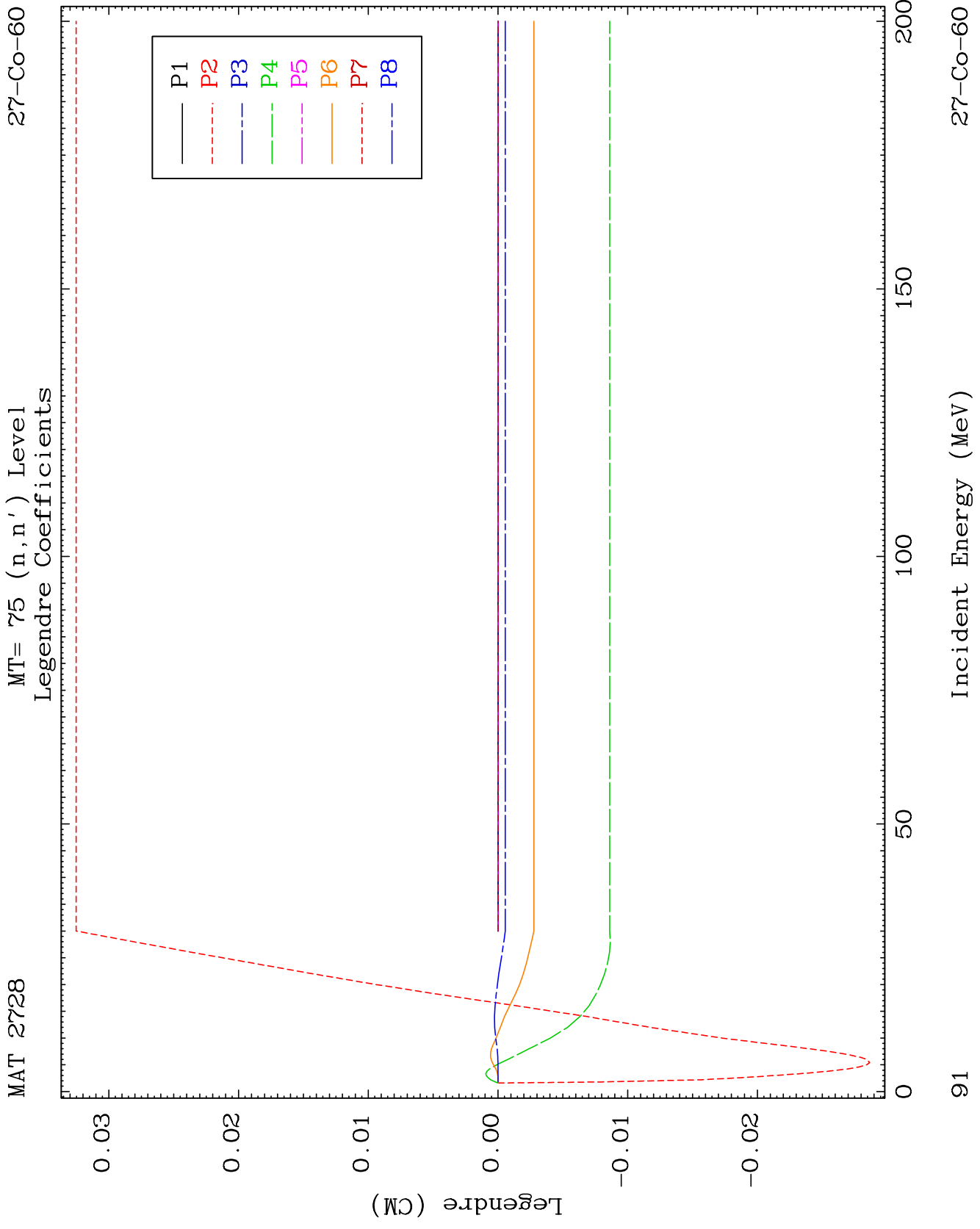
27-Co-60



90

Incident Energy (MeV)

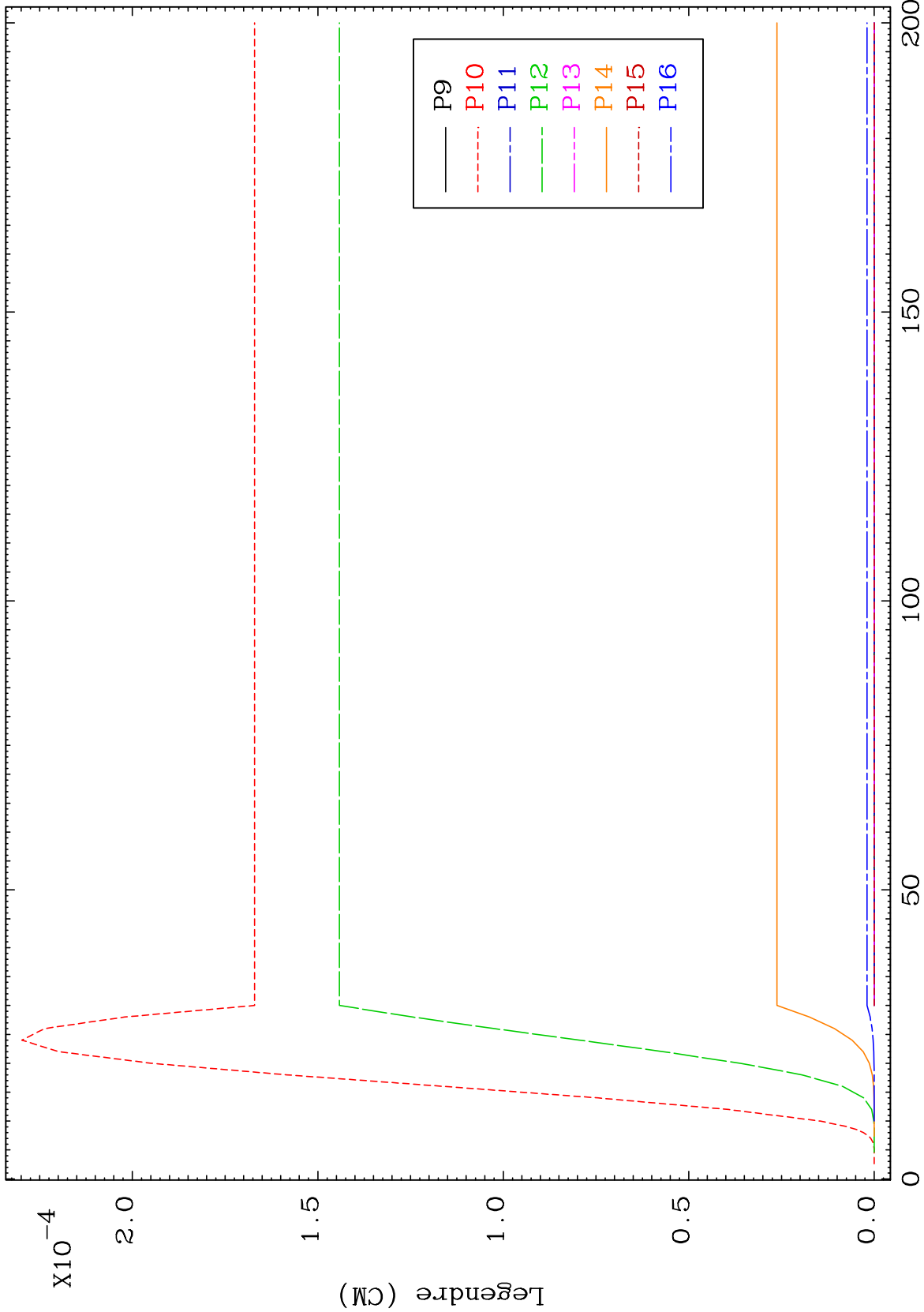
27-Co-60



MAT 2728

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

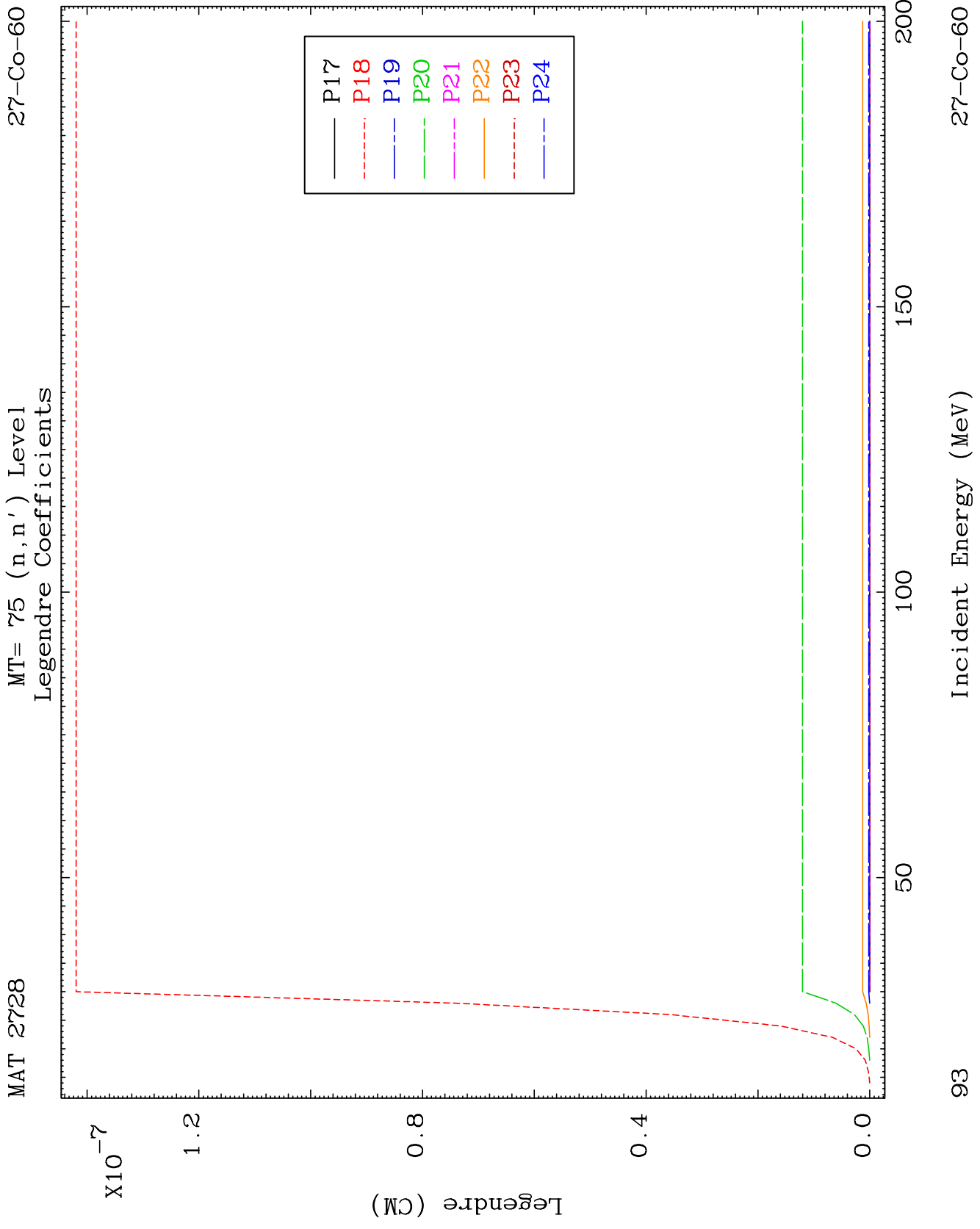
27-Co-60



92

Incident Energy (MeV)

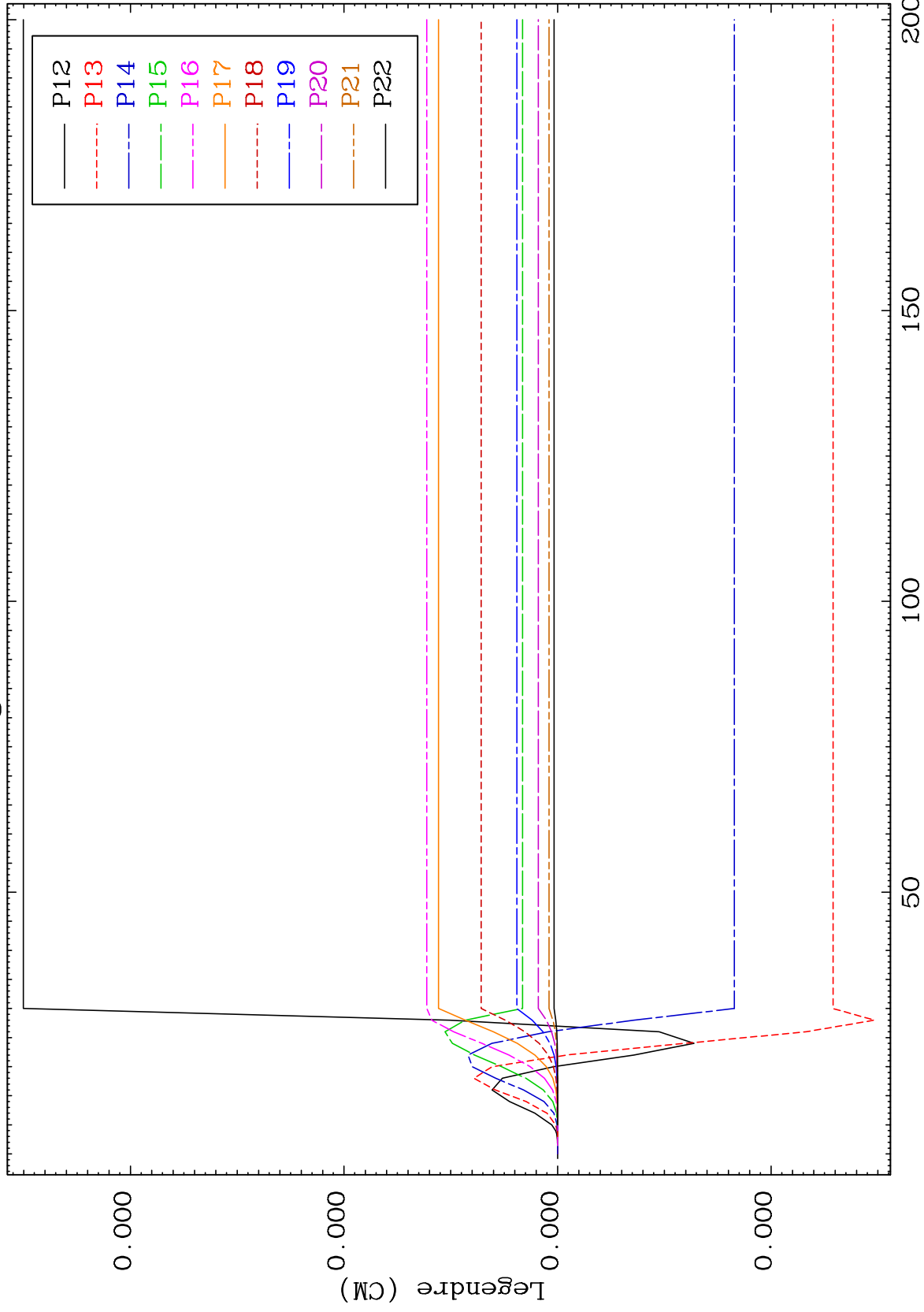
27-Co-60



MAT 2728

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

27-Co-60



95

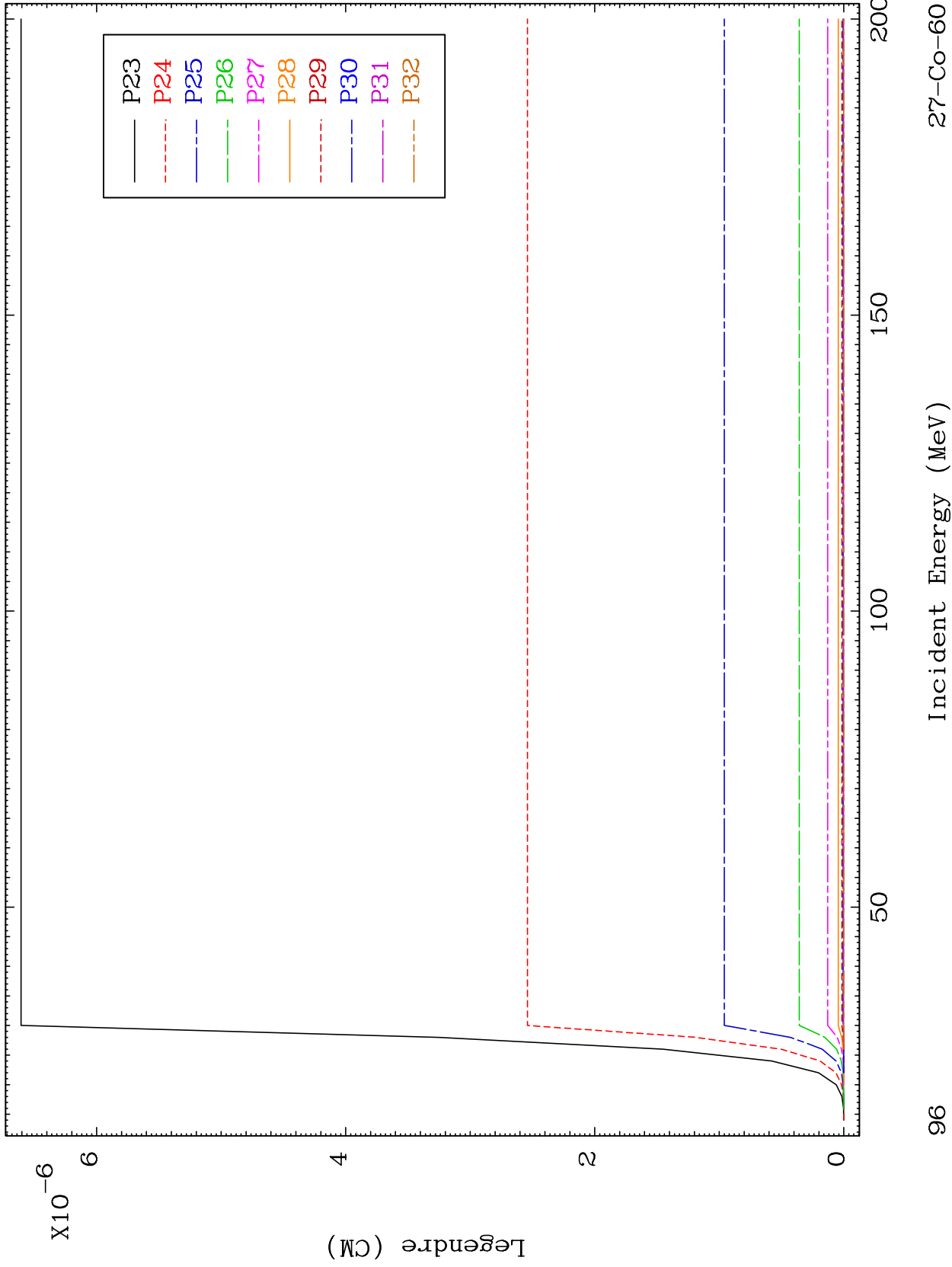
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



96

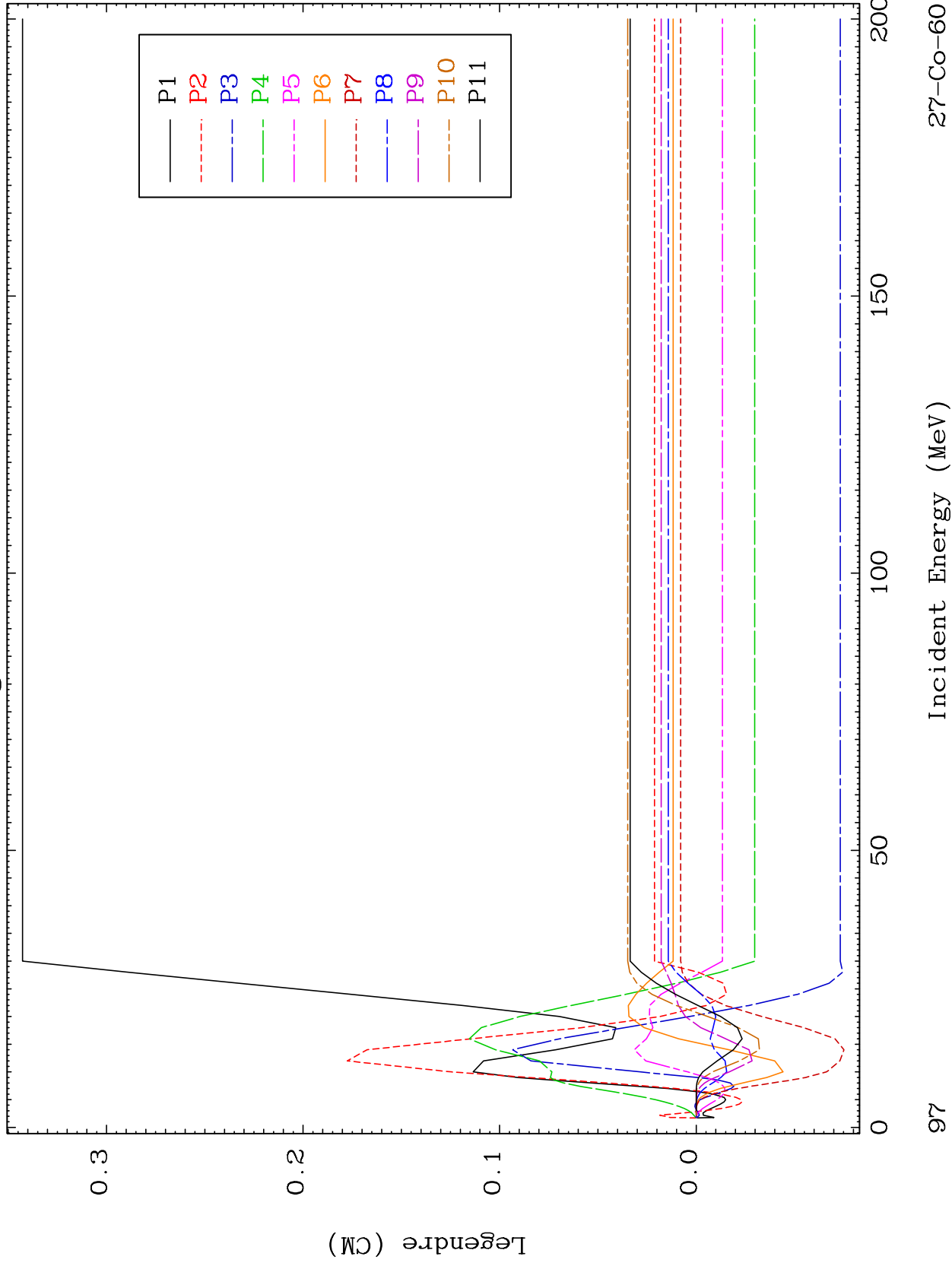
Incident Energy (MeV)

27-Co-60

MAT 2728

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

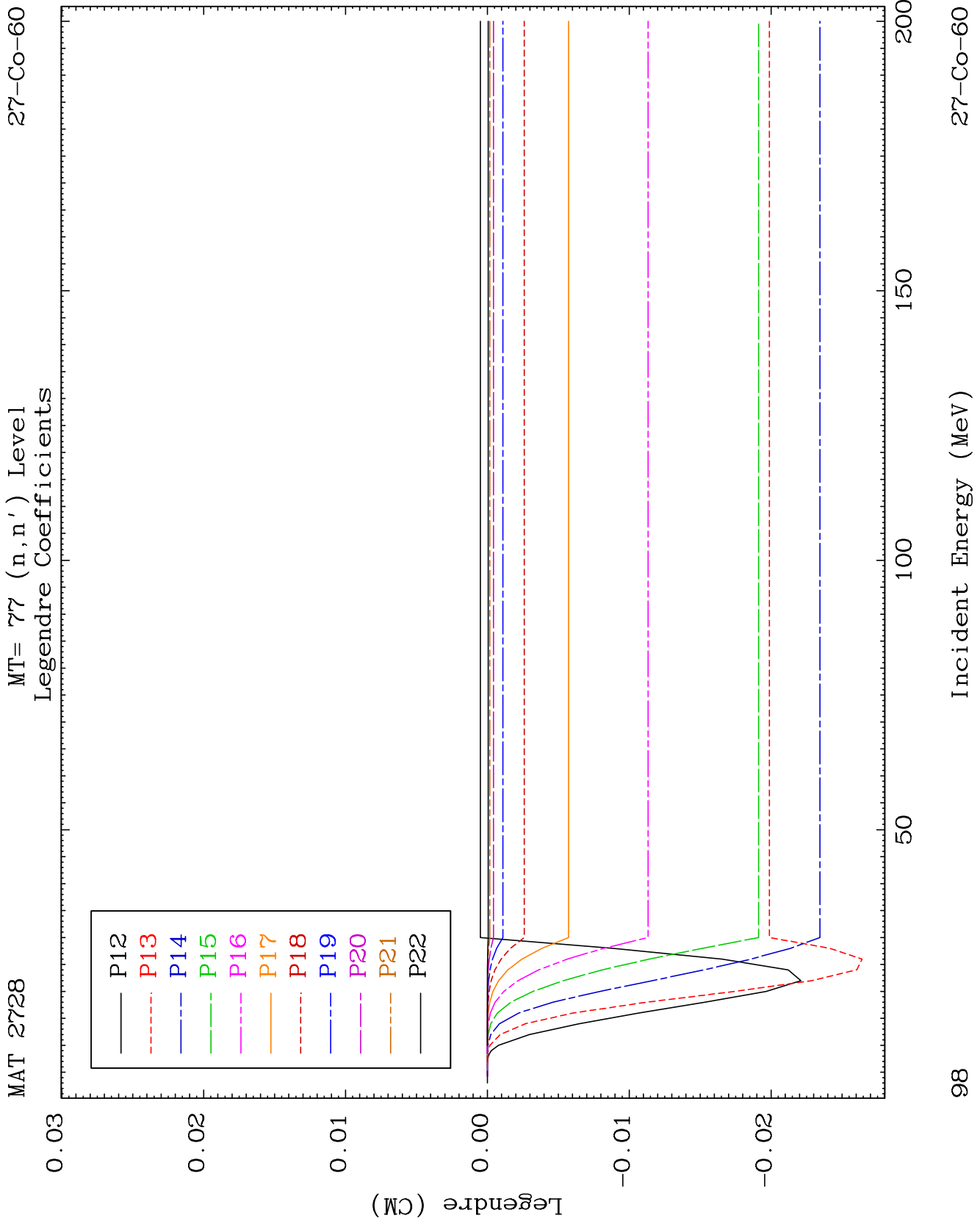
27-Co-60

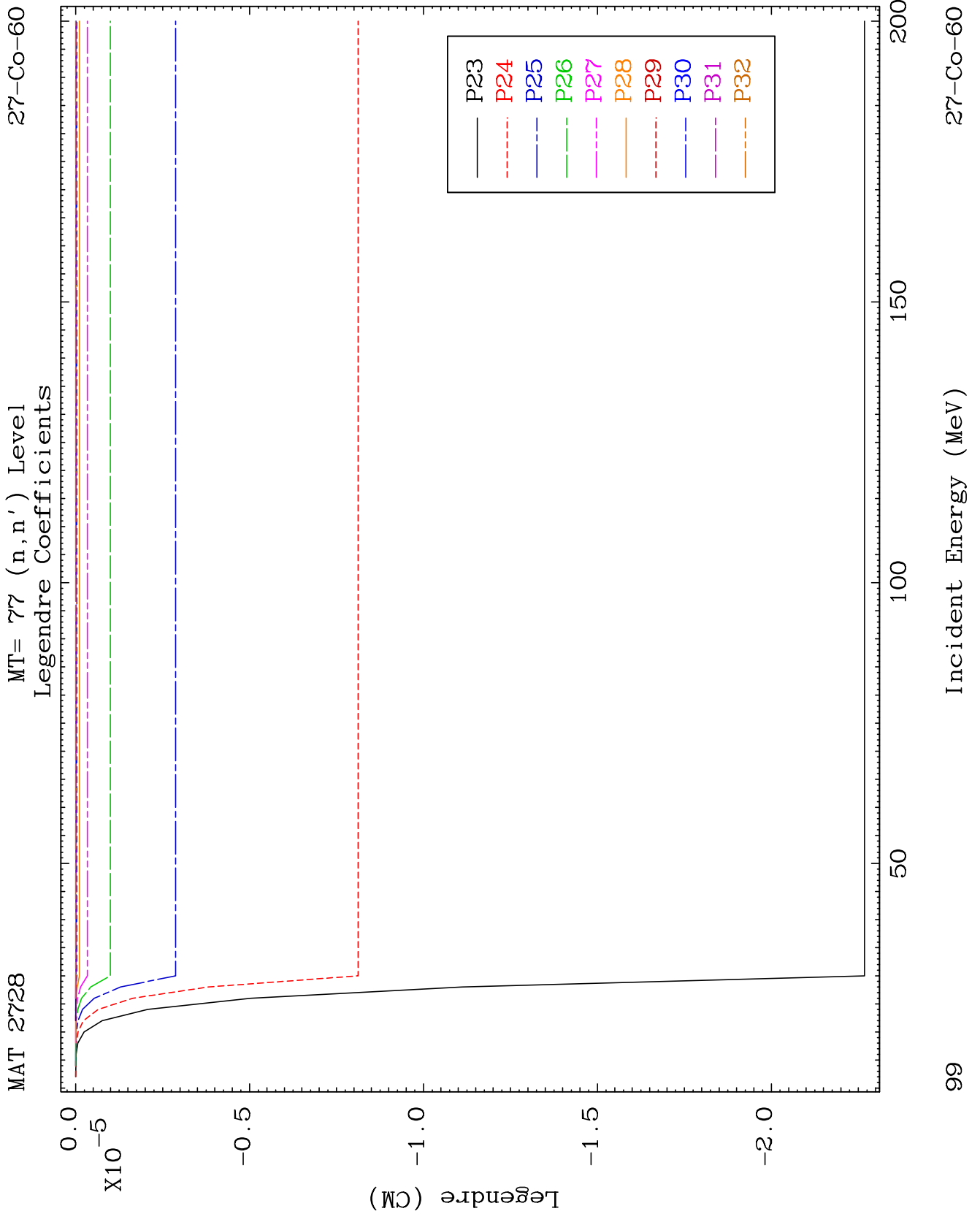


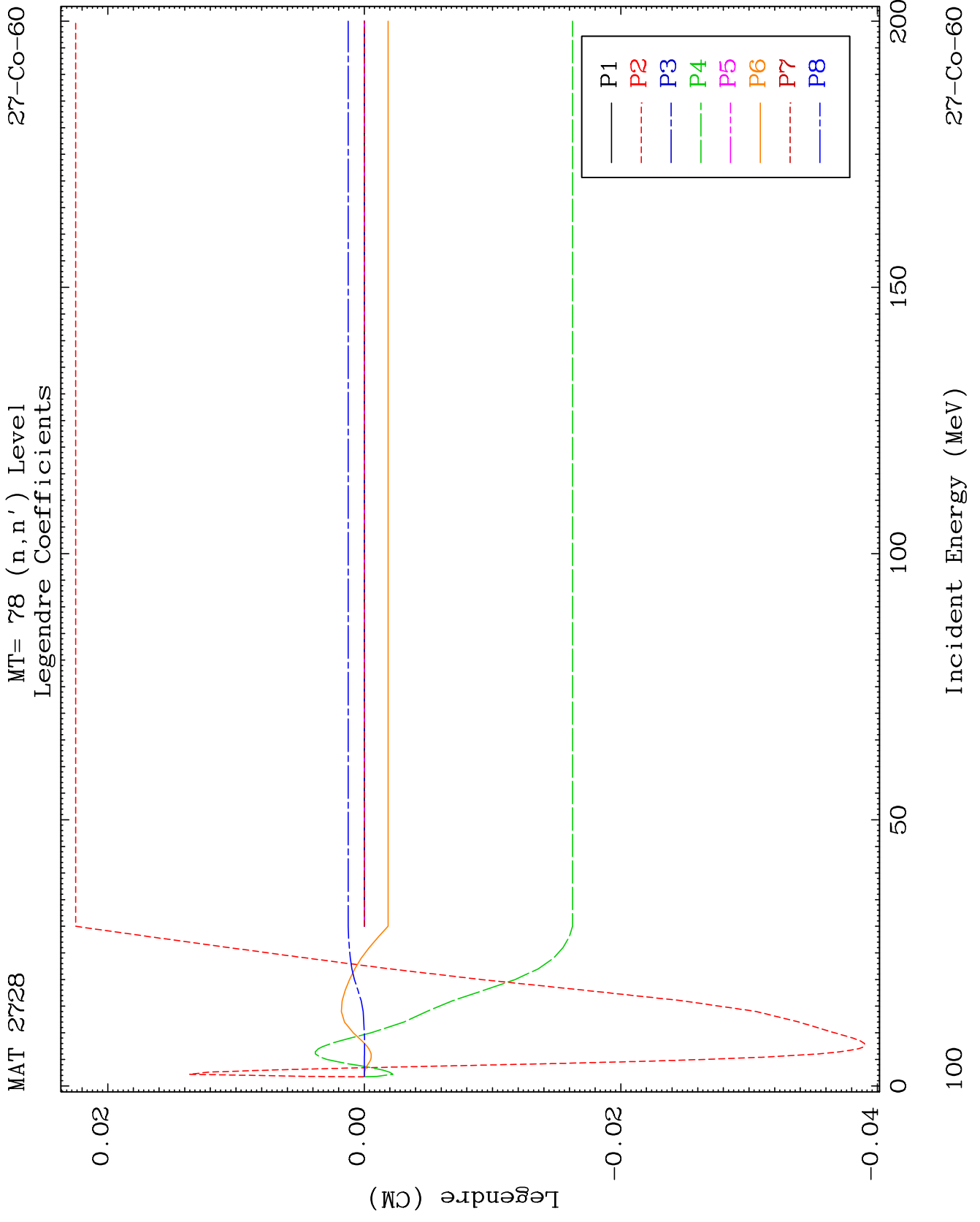
27-Co-60

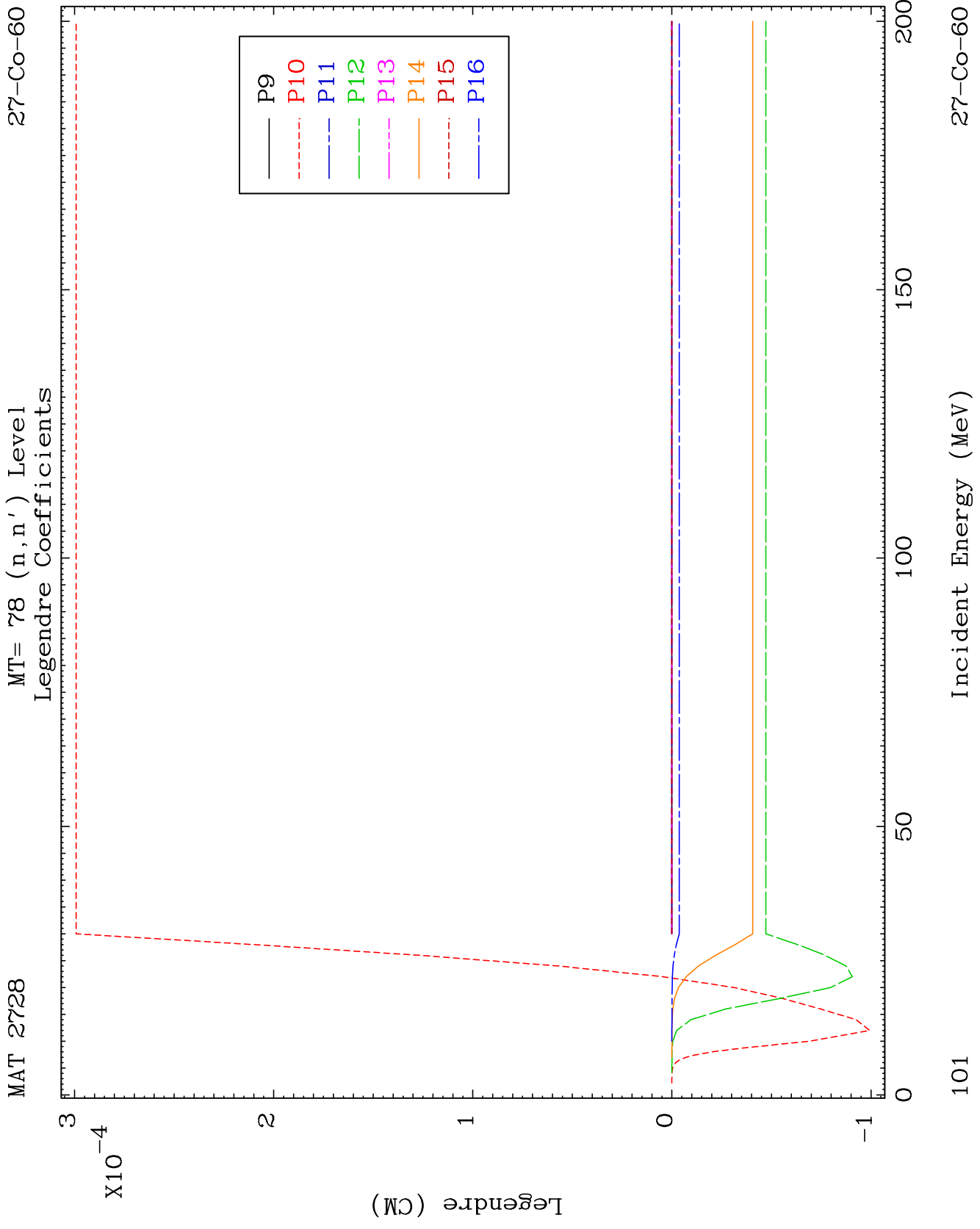
Incident Energy (MeV)

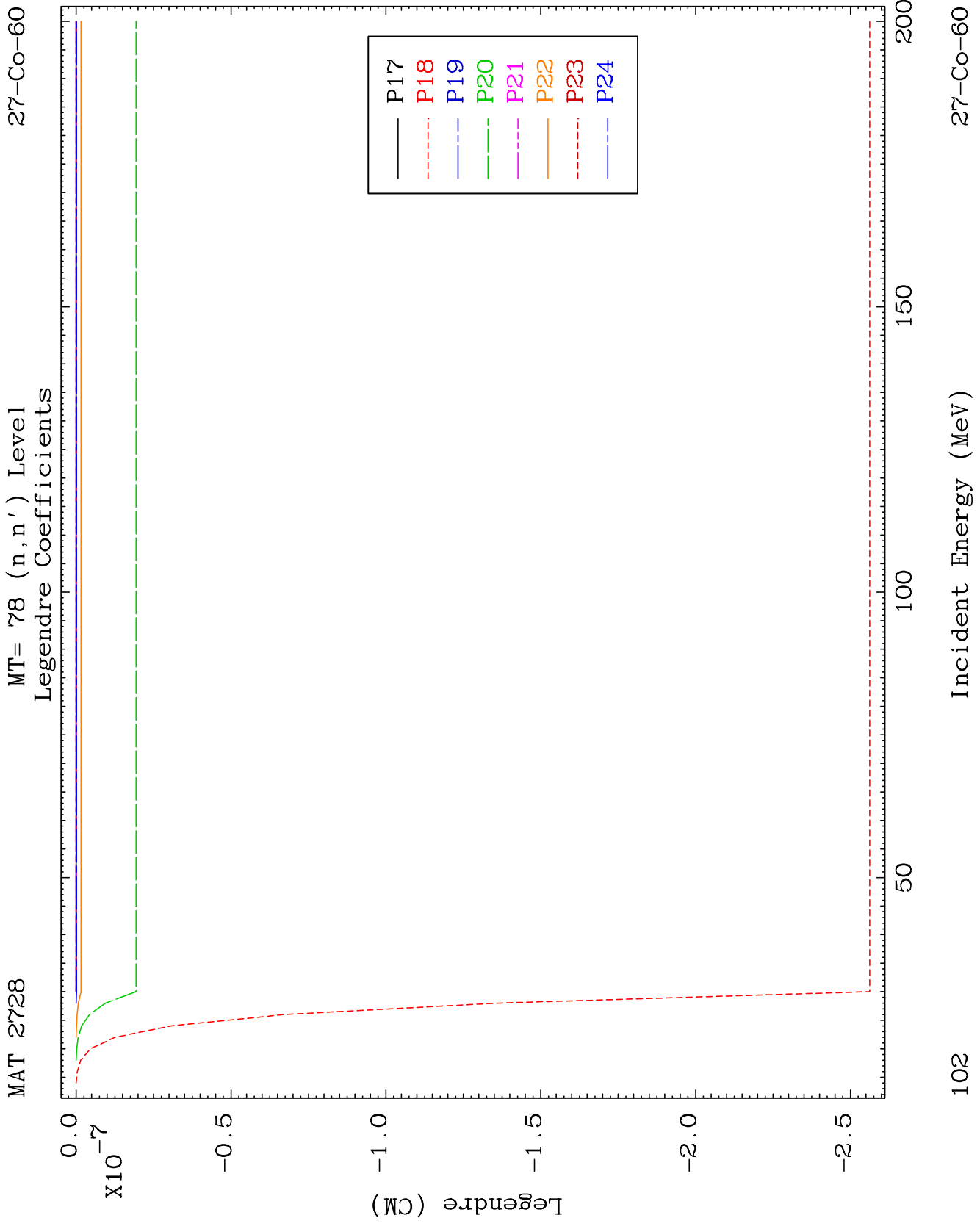
97

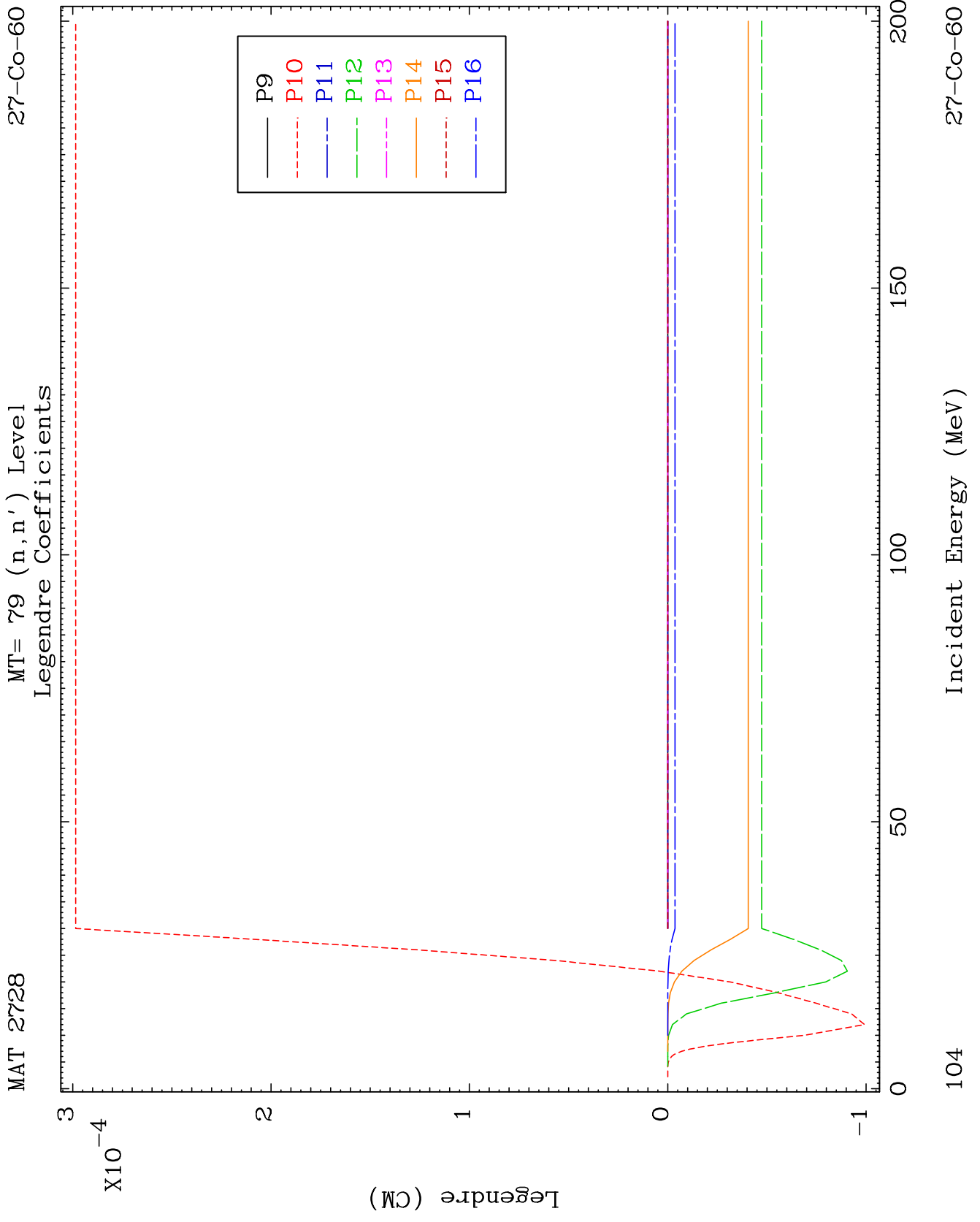


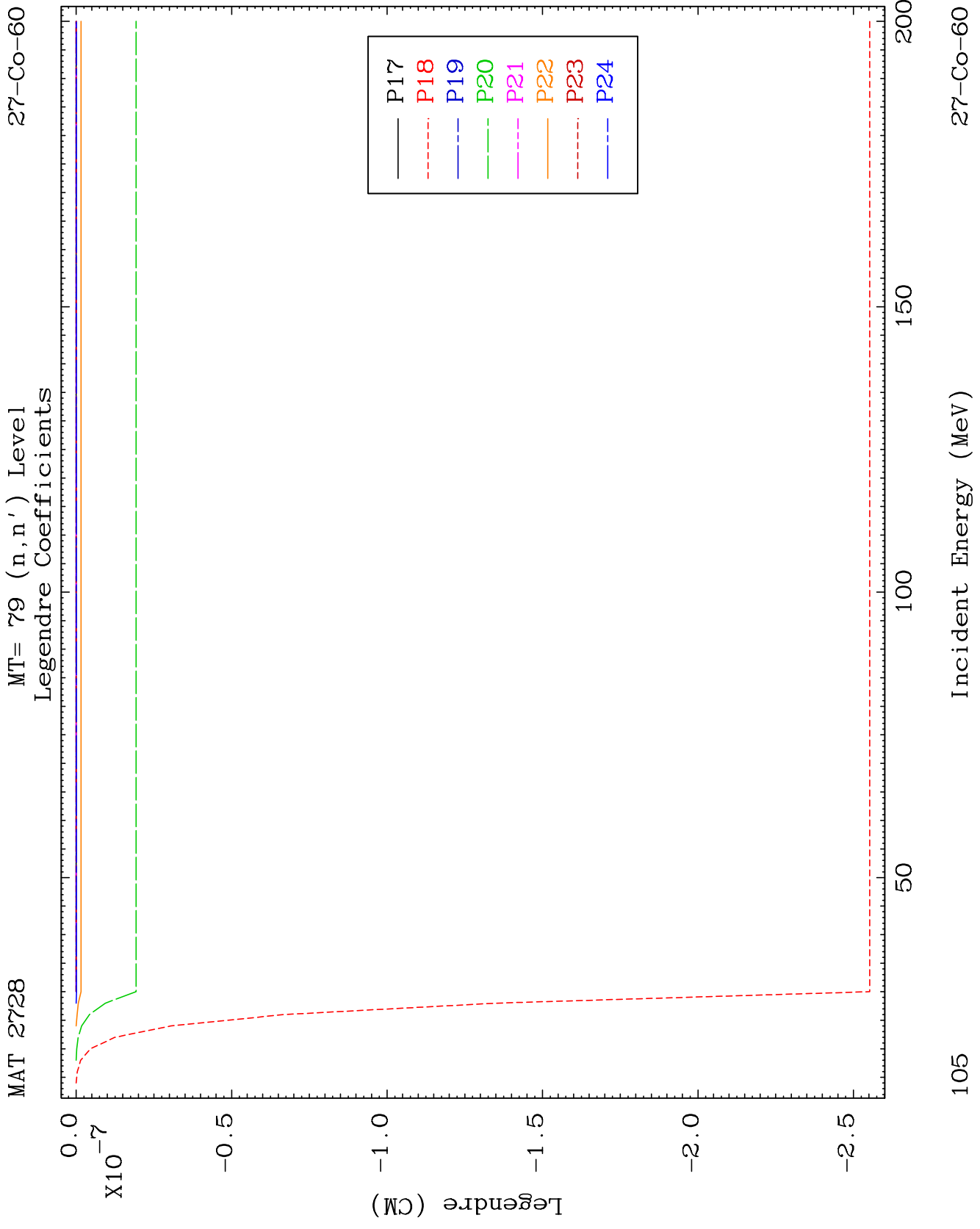


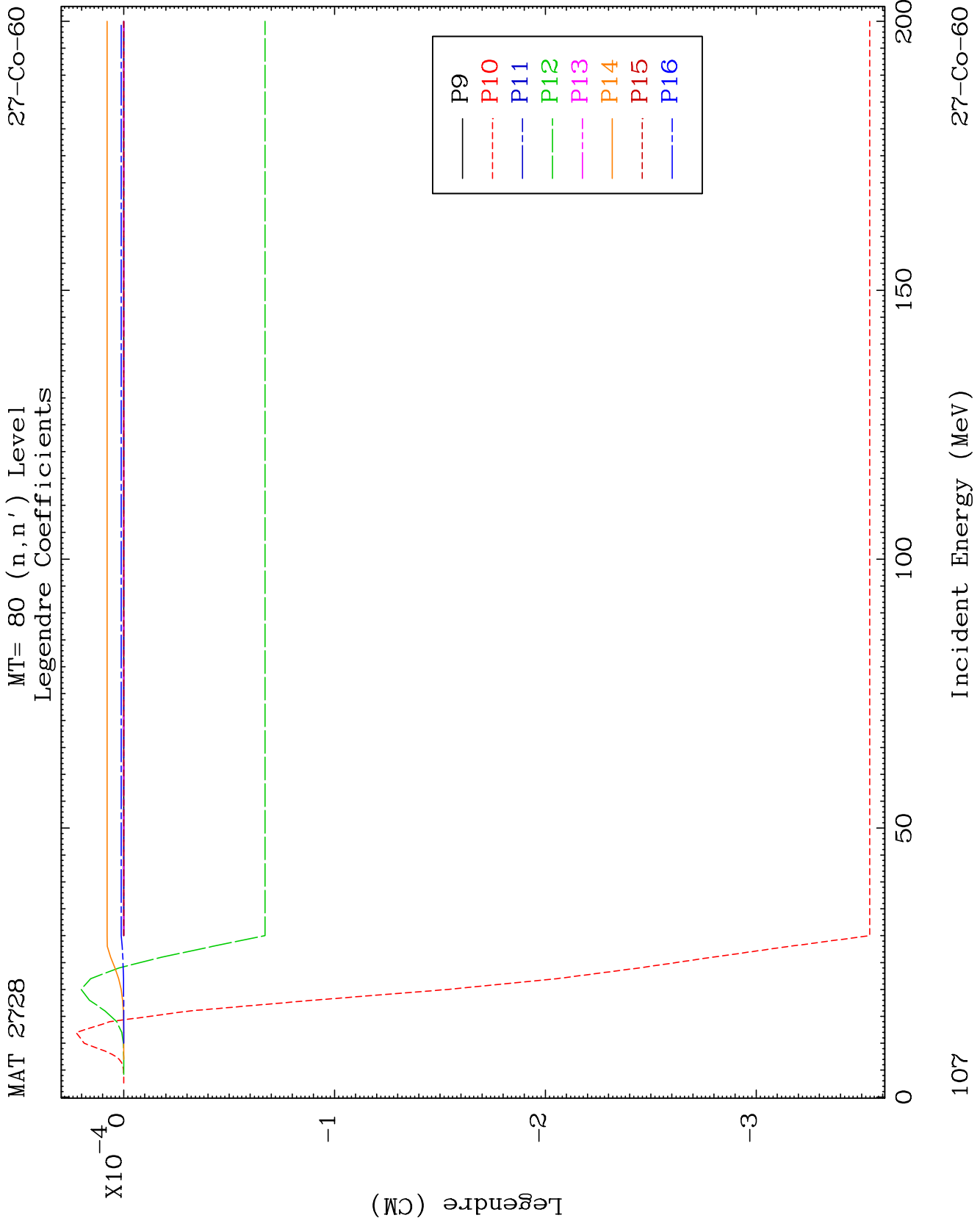


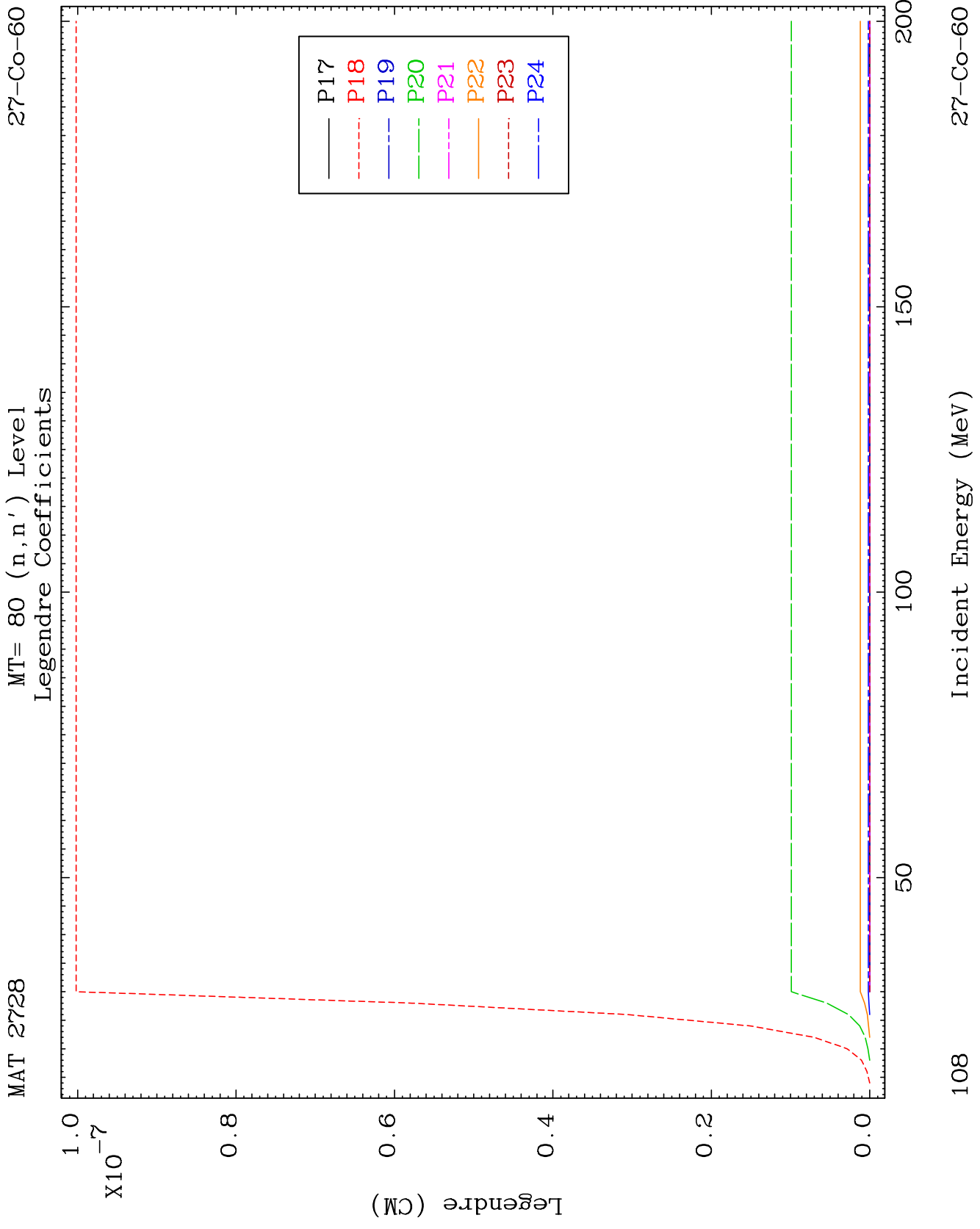








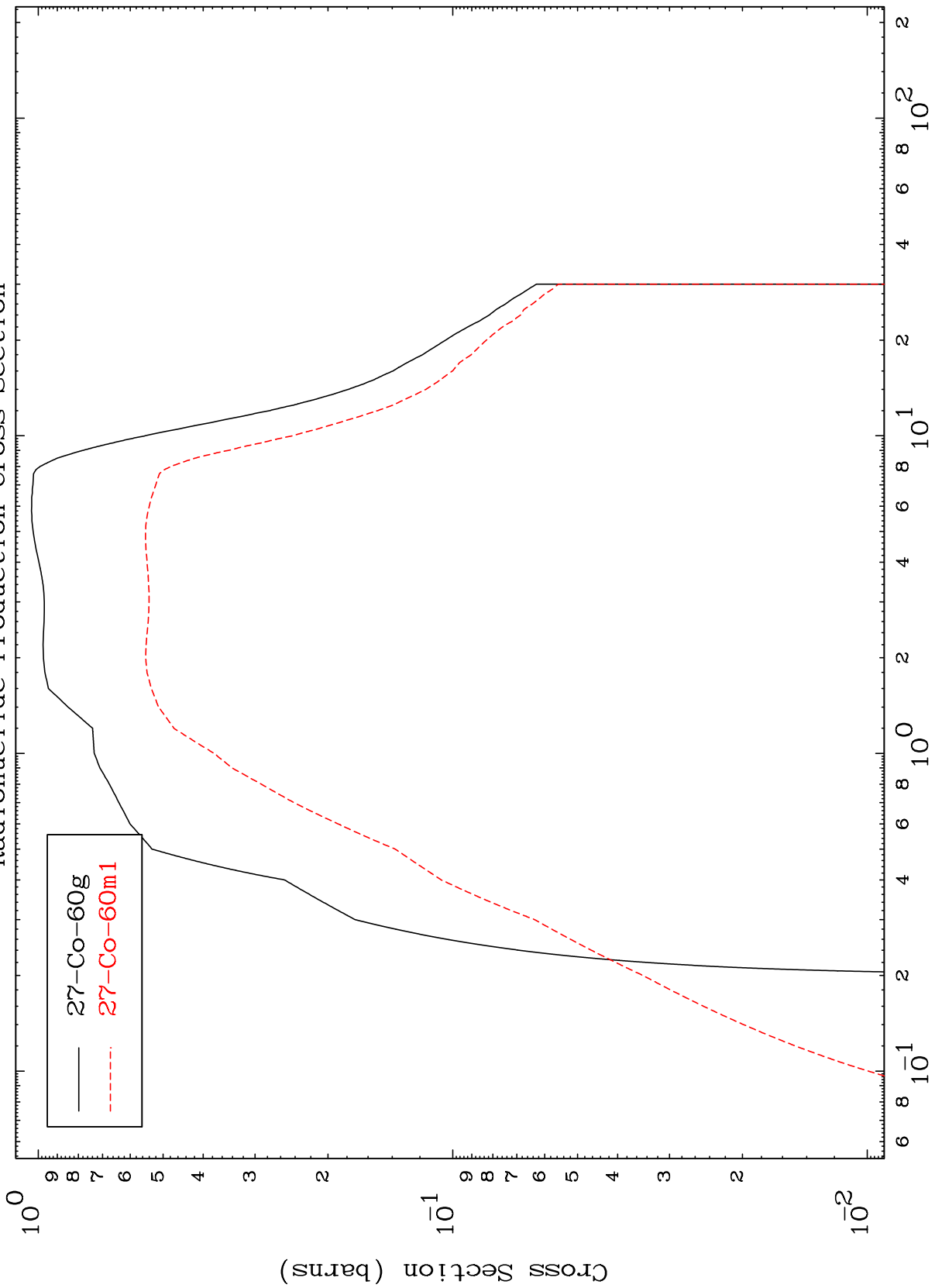




MAT 2728

²⁷Co-60

Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

109

Incident Energy (MeV)

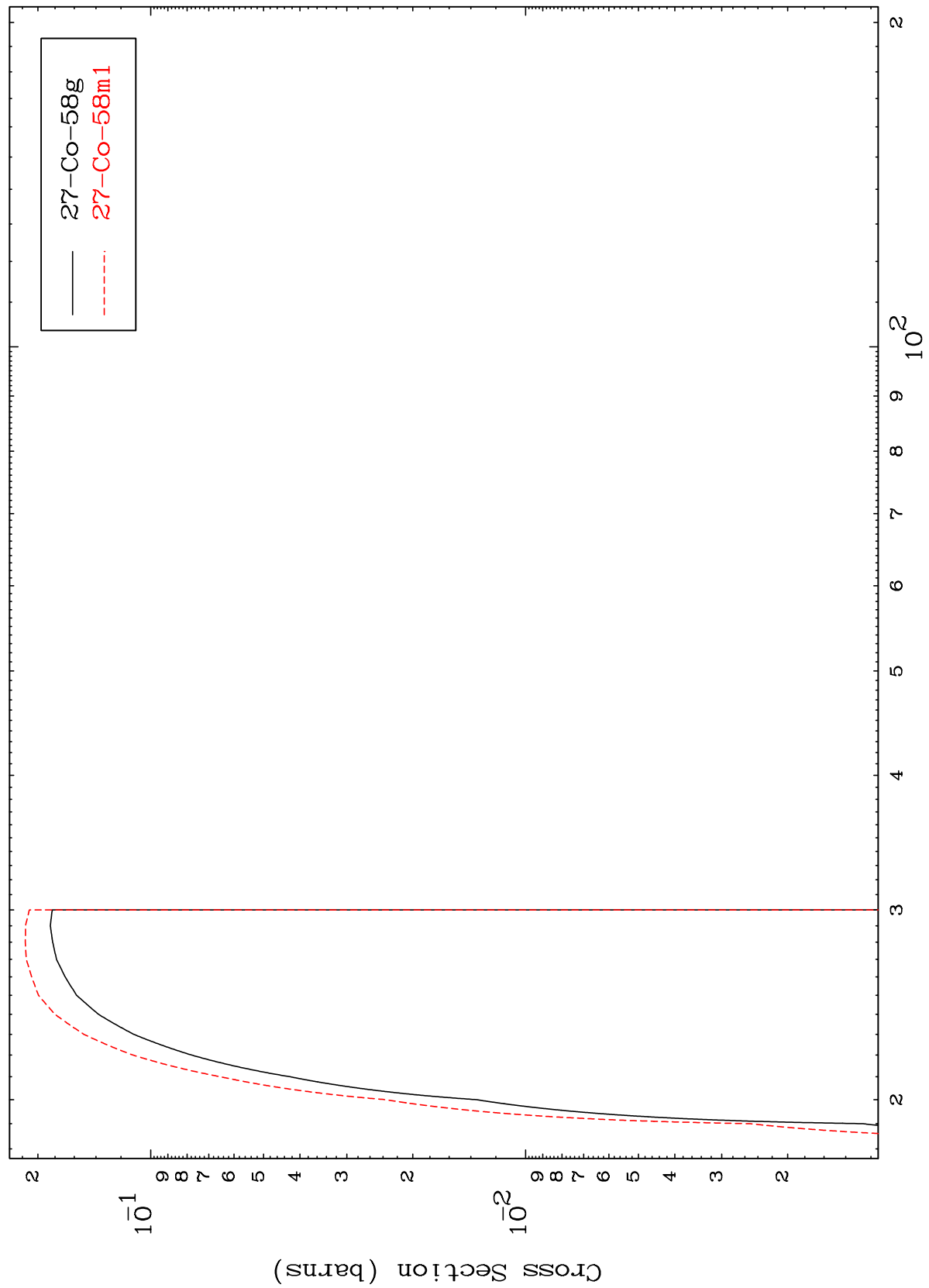
²⁷Co-60

MAT 2728

²⁷Co-60

(n,3n)

Radionuclide Production Cross Section



110

Incident Energy (MeV)

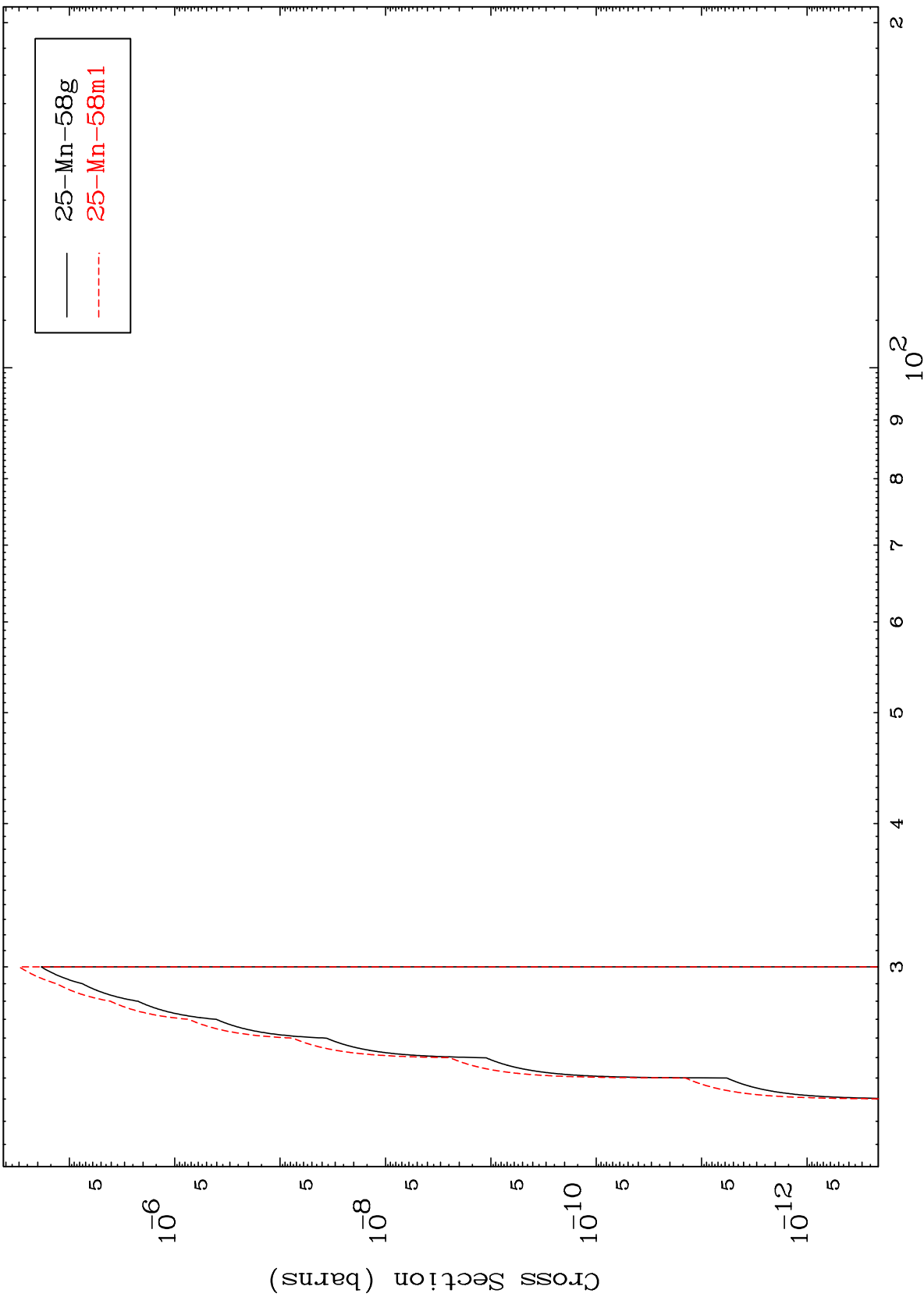
²⁷Co-60

MAT 2728

(n,2n) p

27-Co-60

Radionuclide Production Cross Section



111

Incident Energy (MeV)

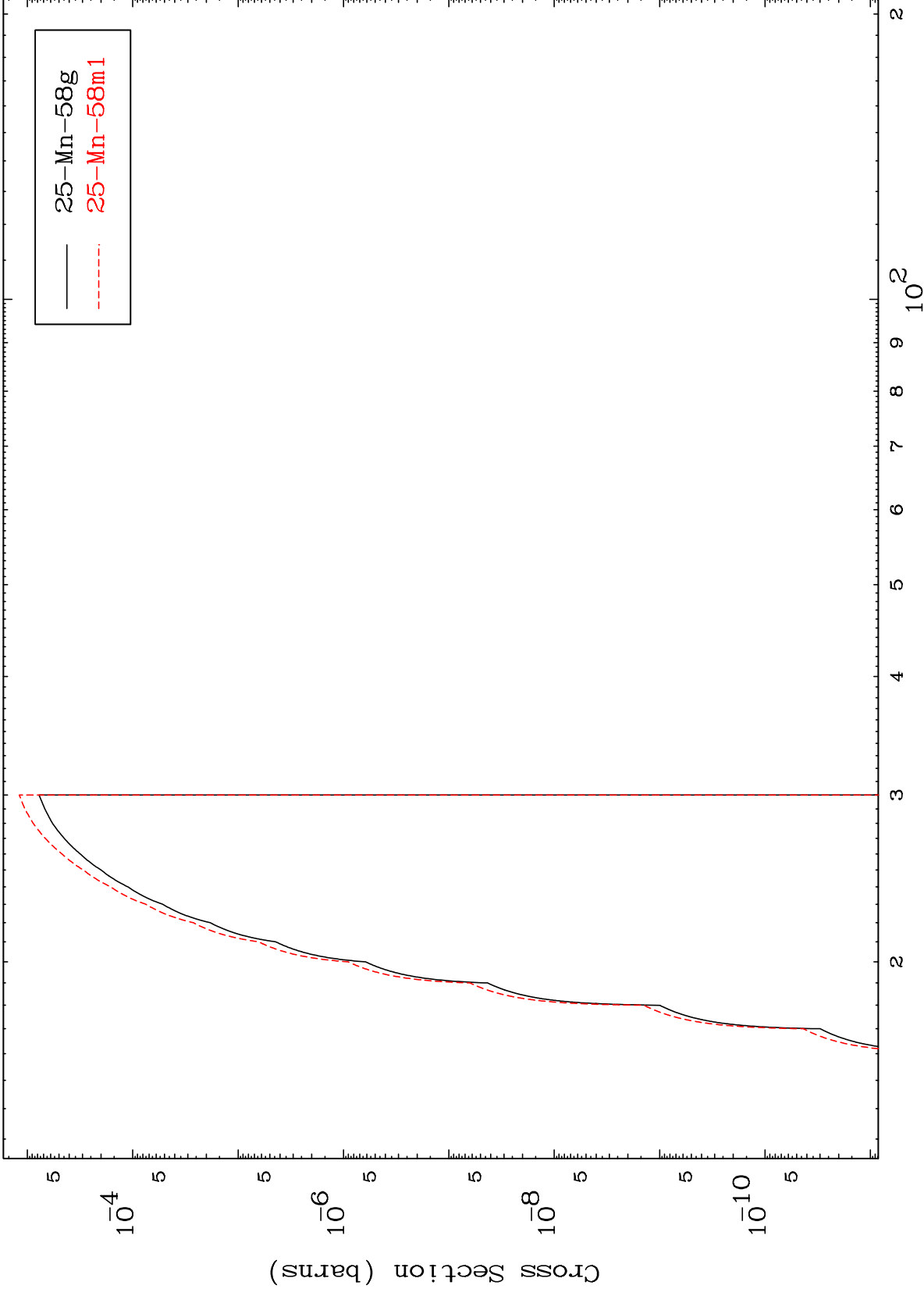
27-Co-60

MAT 2728

(n,He-3)

27-Co-60

Radionuclide Production Cross Section



112

Incident Energy (MeV)

27-Co-60

Radionuclide Production Cross Section

