

Program EVALPLOT
(Version 2017-1)

by

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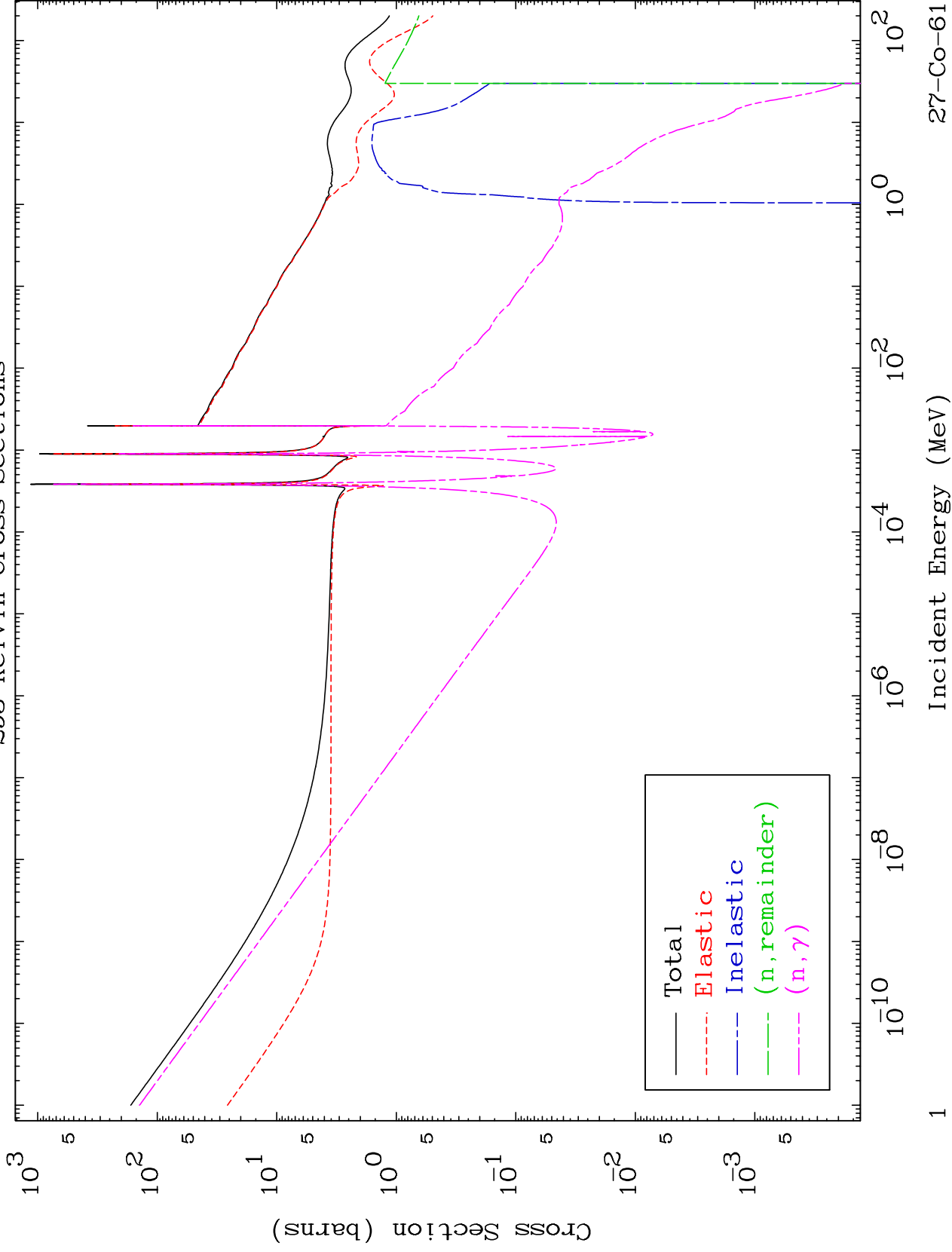
Press Mouse Button to Start

MAT 2731

Major

293 Kelvin Cross Sections

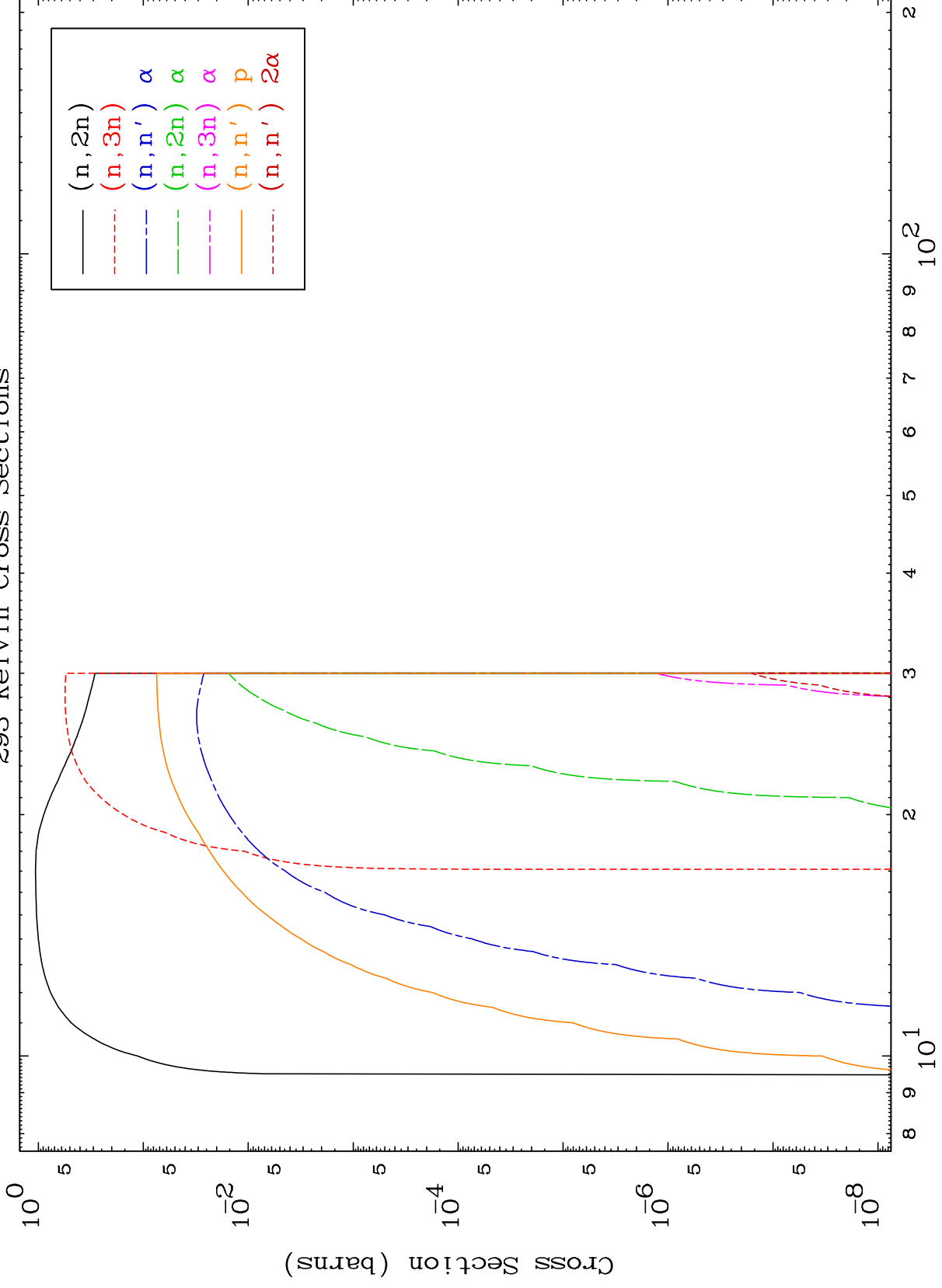
27-Co-61



MAT 2731

Neutron Production
293 Kelvin Cross Sections

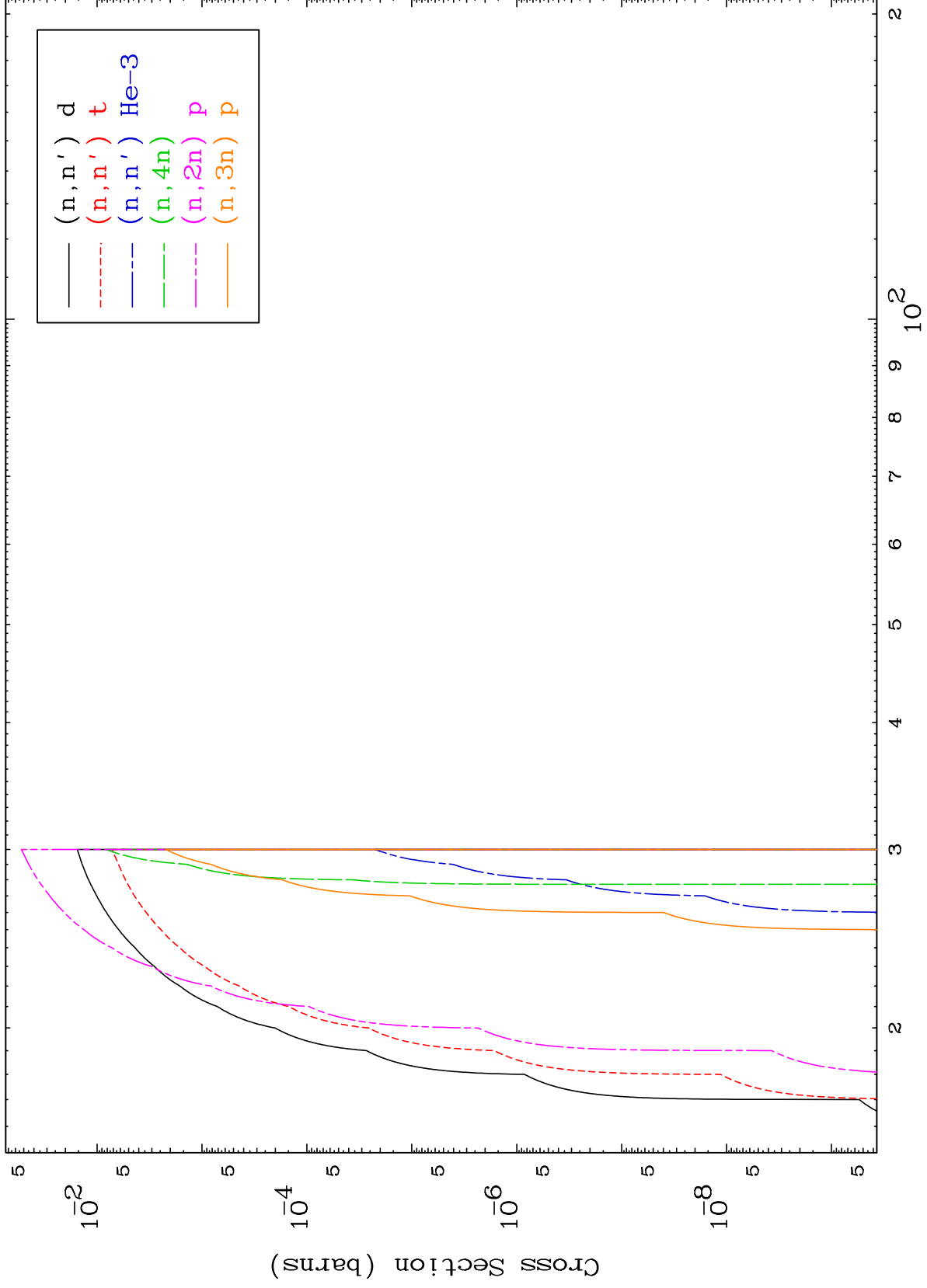
27-Co-61



2

Incident Energy (MeV)

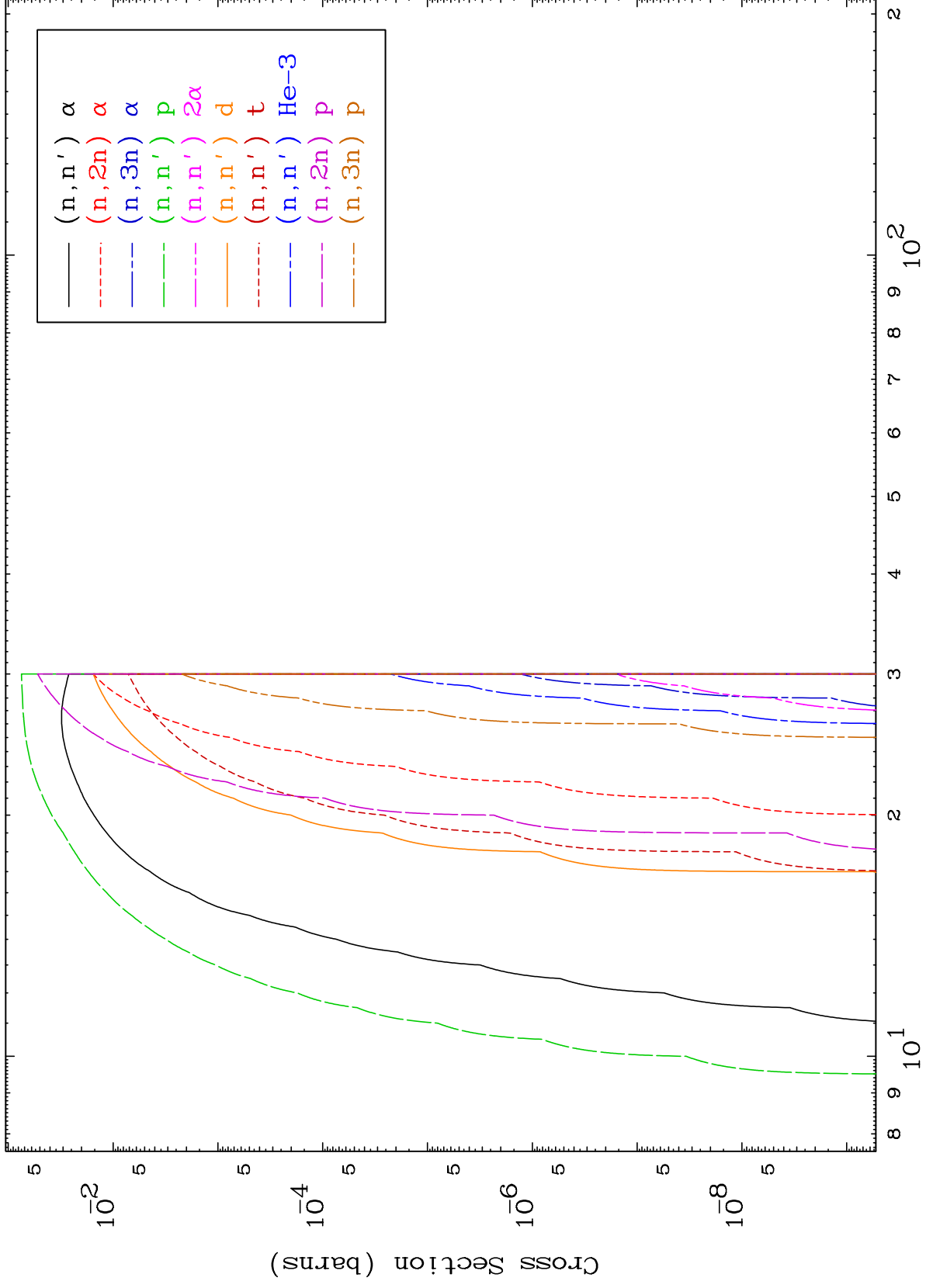
27-Co-61



MAT 2731

Charged Particle
293 Kelvin Cross Sections

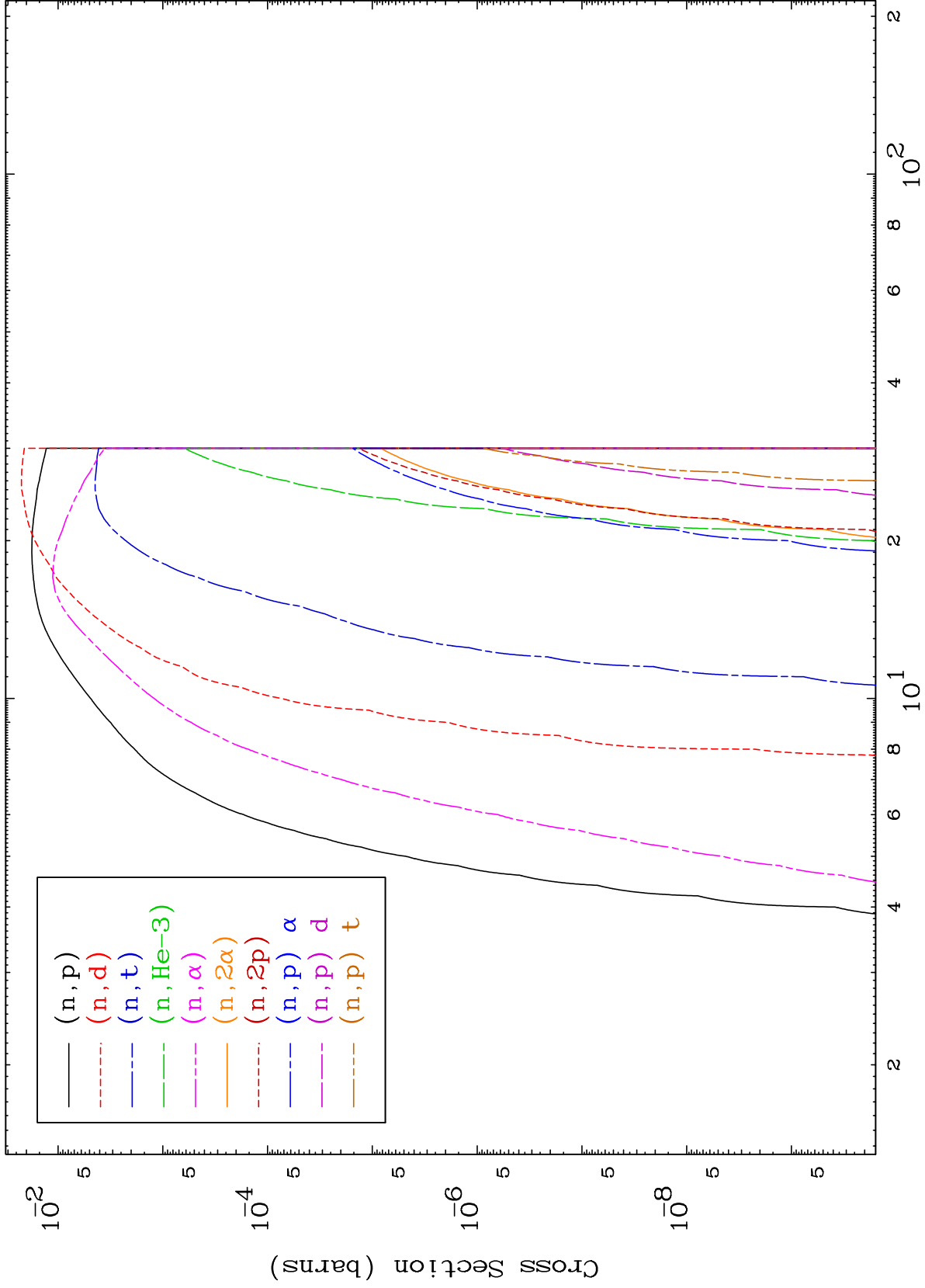
27-Co-61

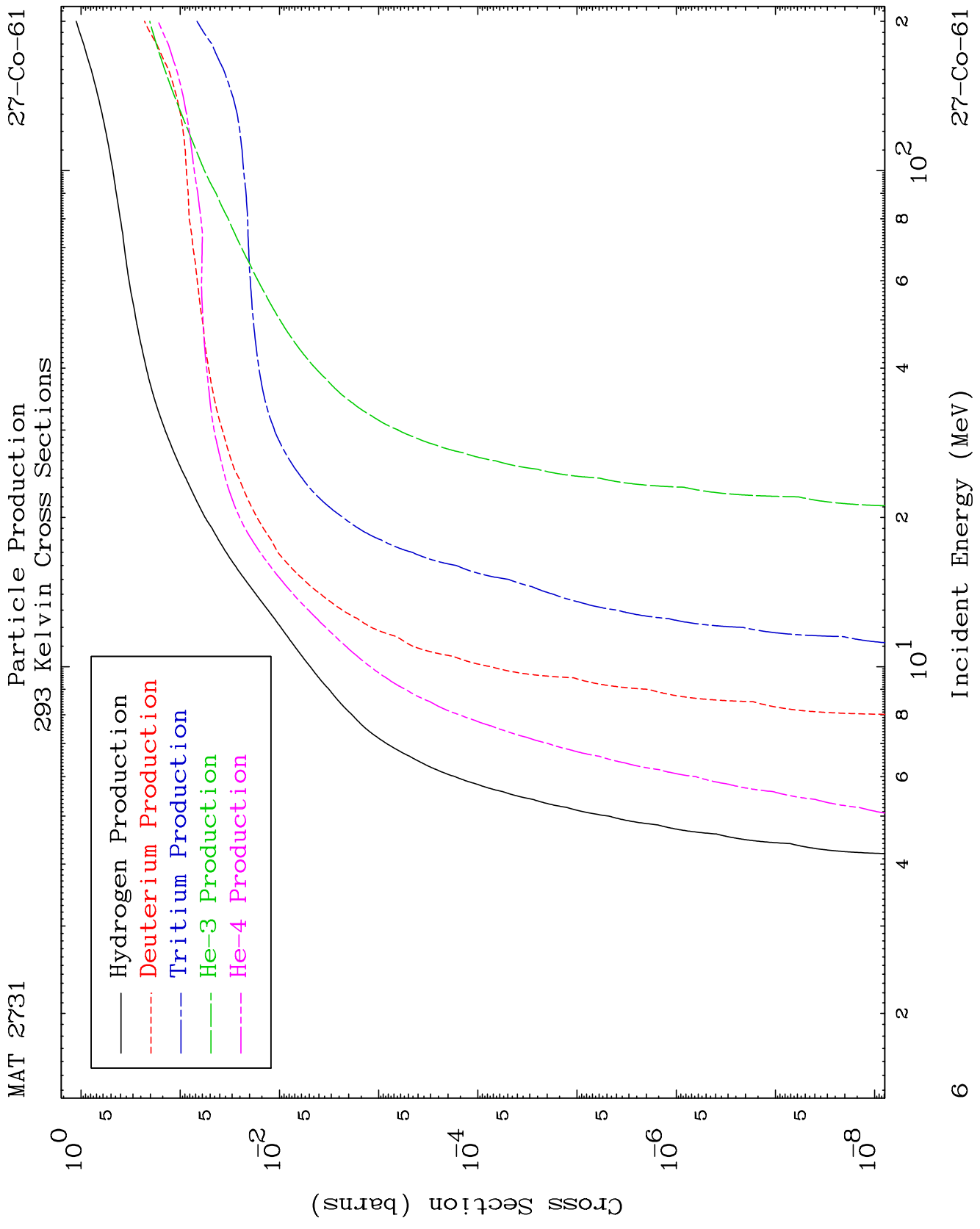


4

Incident Energy (MeV)

27-Co-61



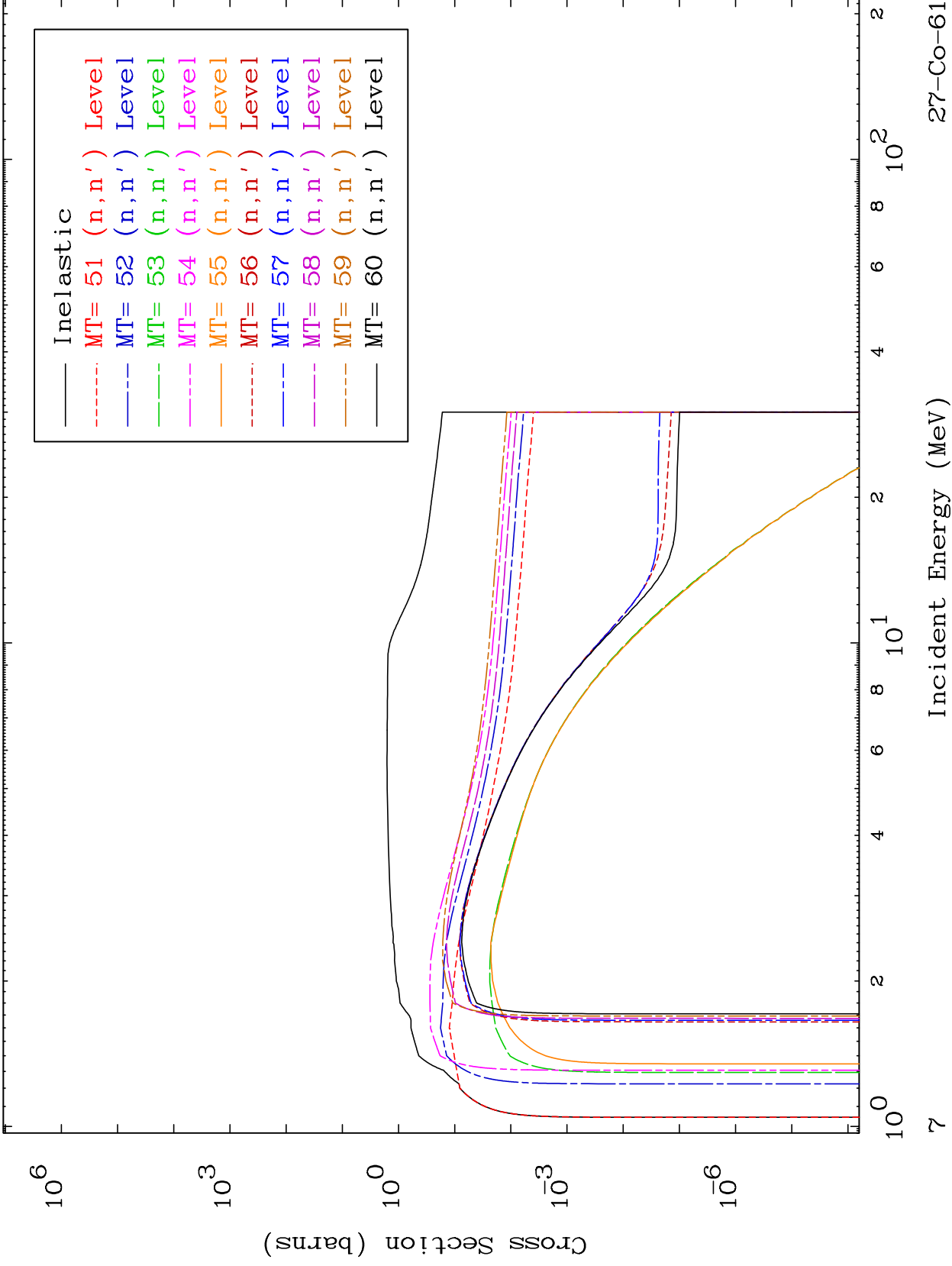


MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections

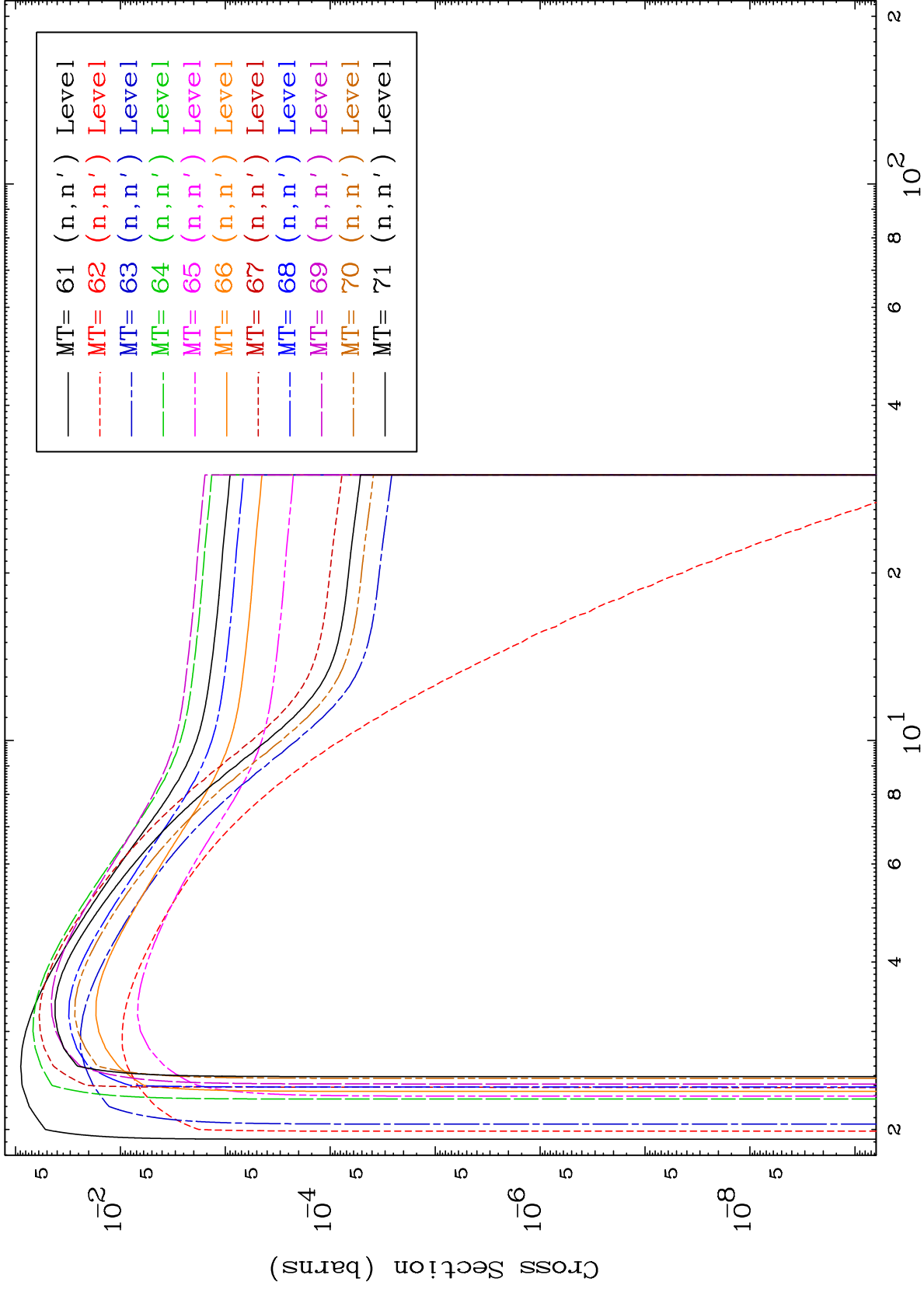


MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



8

Incident Energy (MeV)

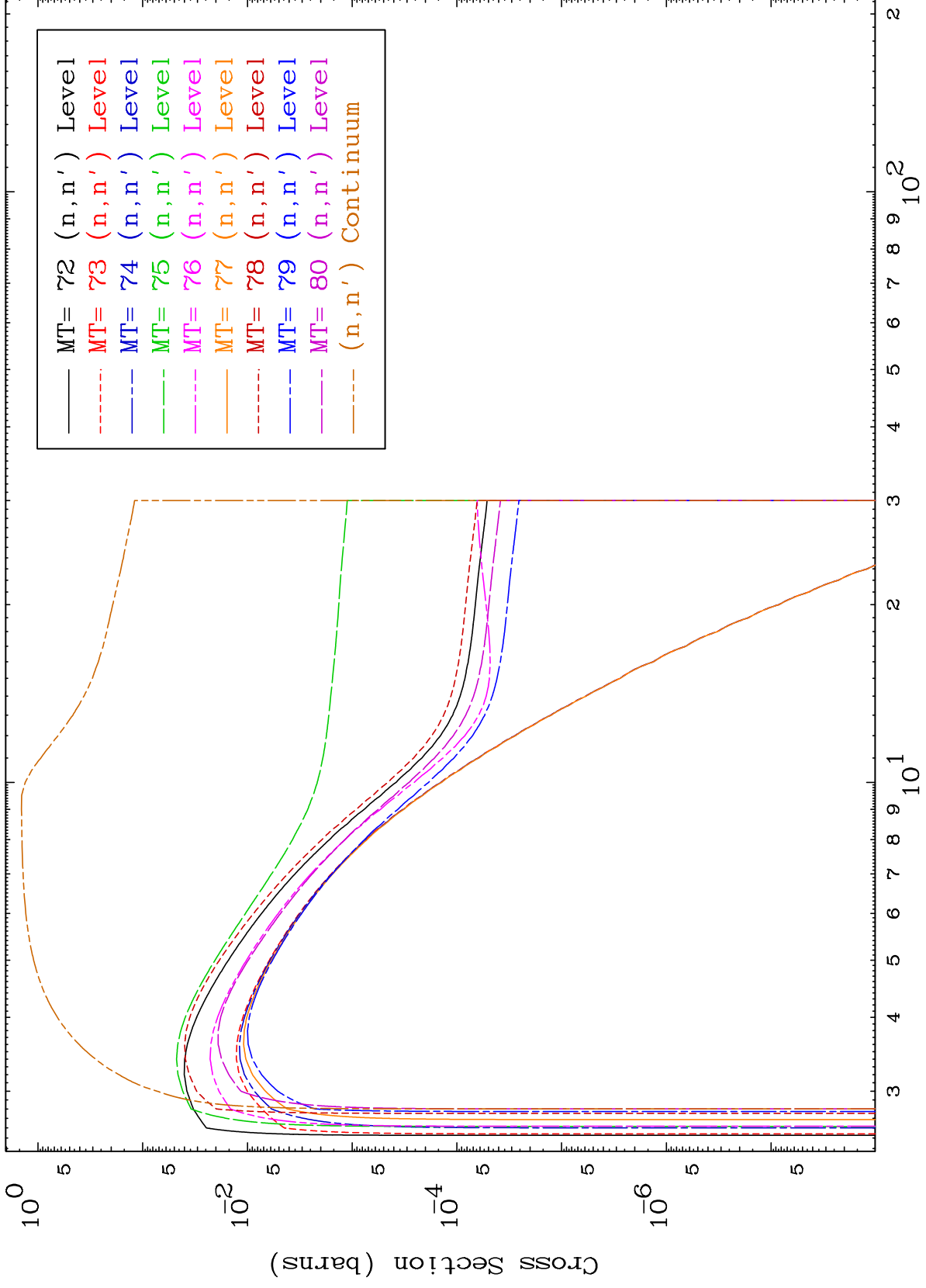
27-Co-61

MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



9

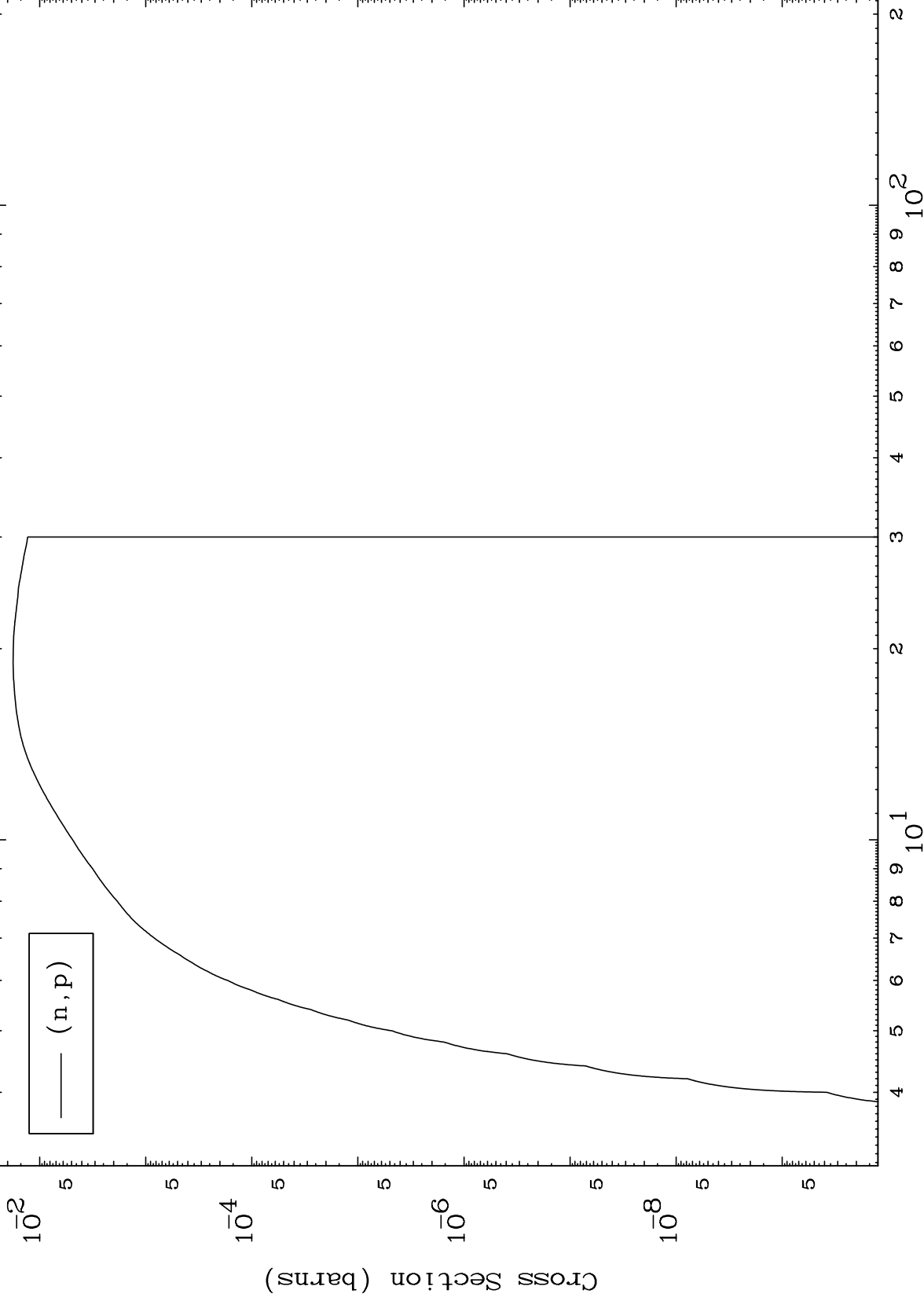
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,p) Levels
293 Kelvin Cross Sections

27-Co-61



10

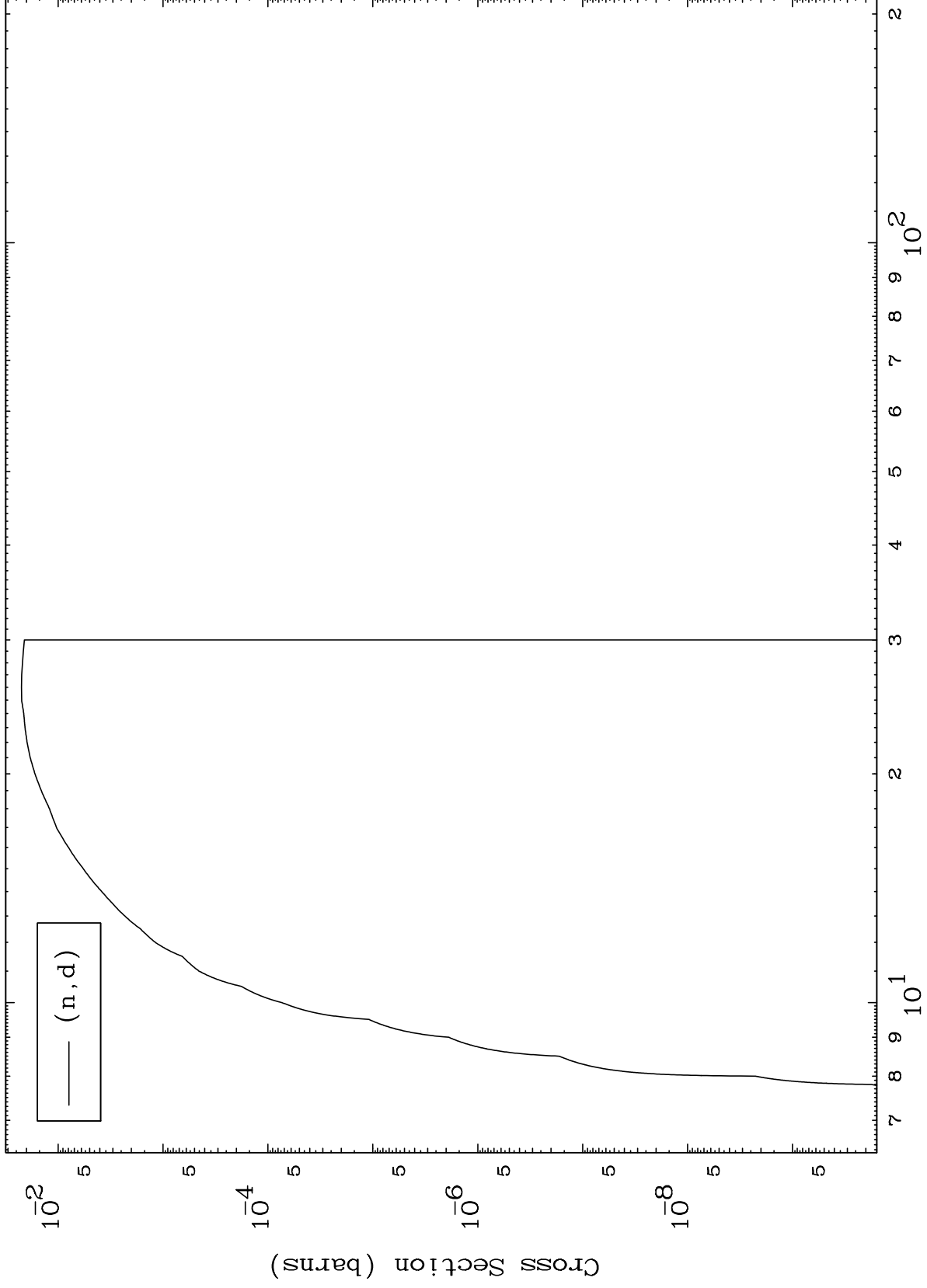
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,d) Levels
293 Kelvin Cross Sections

27-Co-61



11

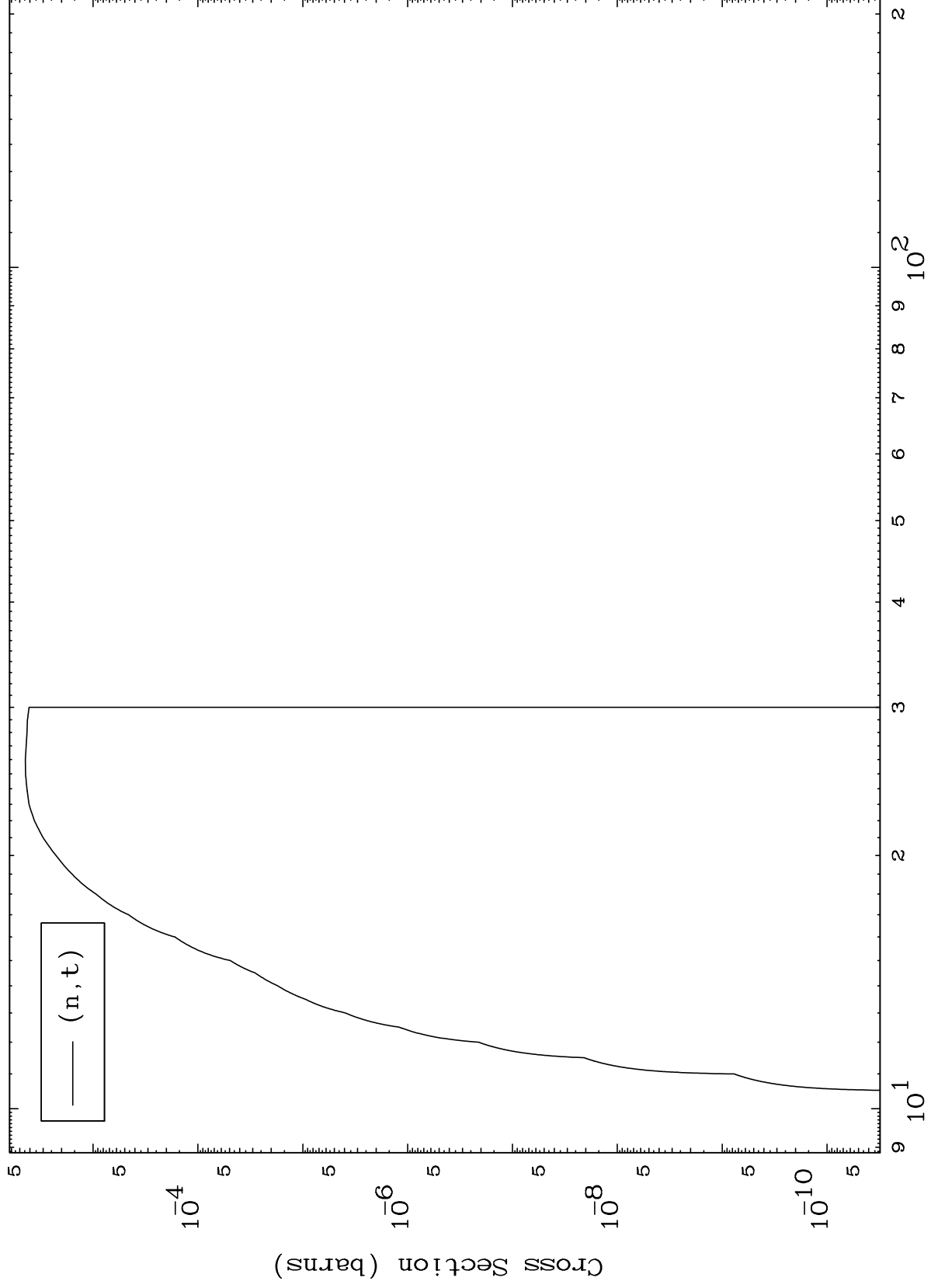
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,t) Levels
293 Kelvin Cross Sections

27-Co-61



(n,t)

Incident Energy (MeV)

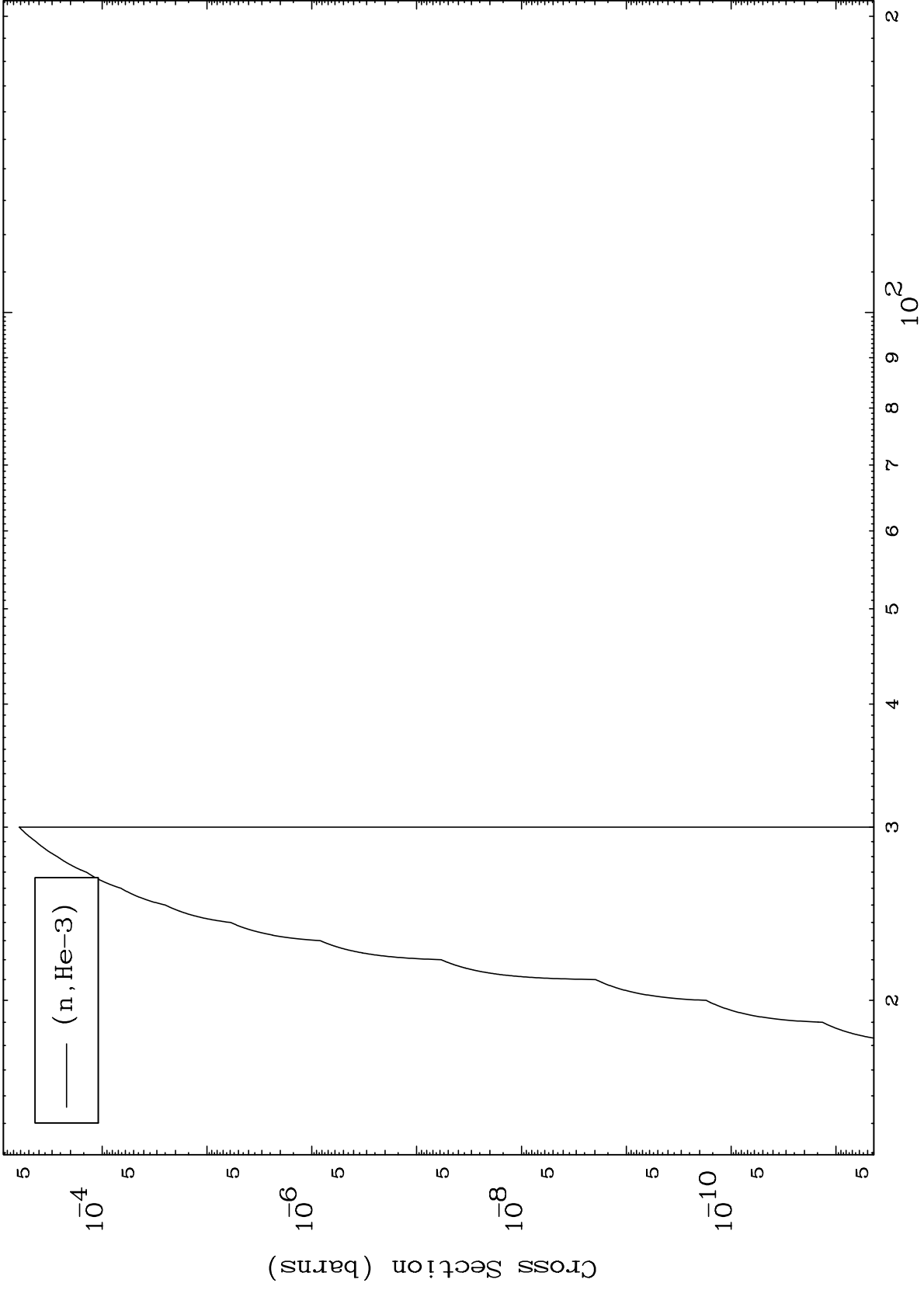
27-Co-61

12

MAT 2731

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-61



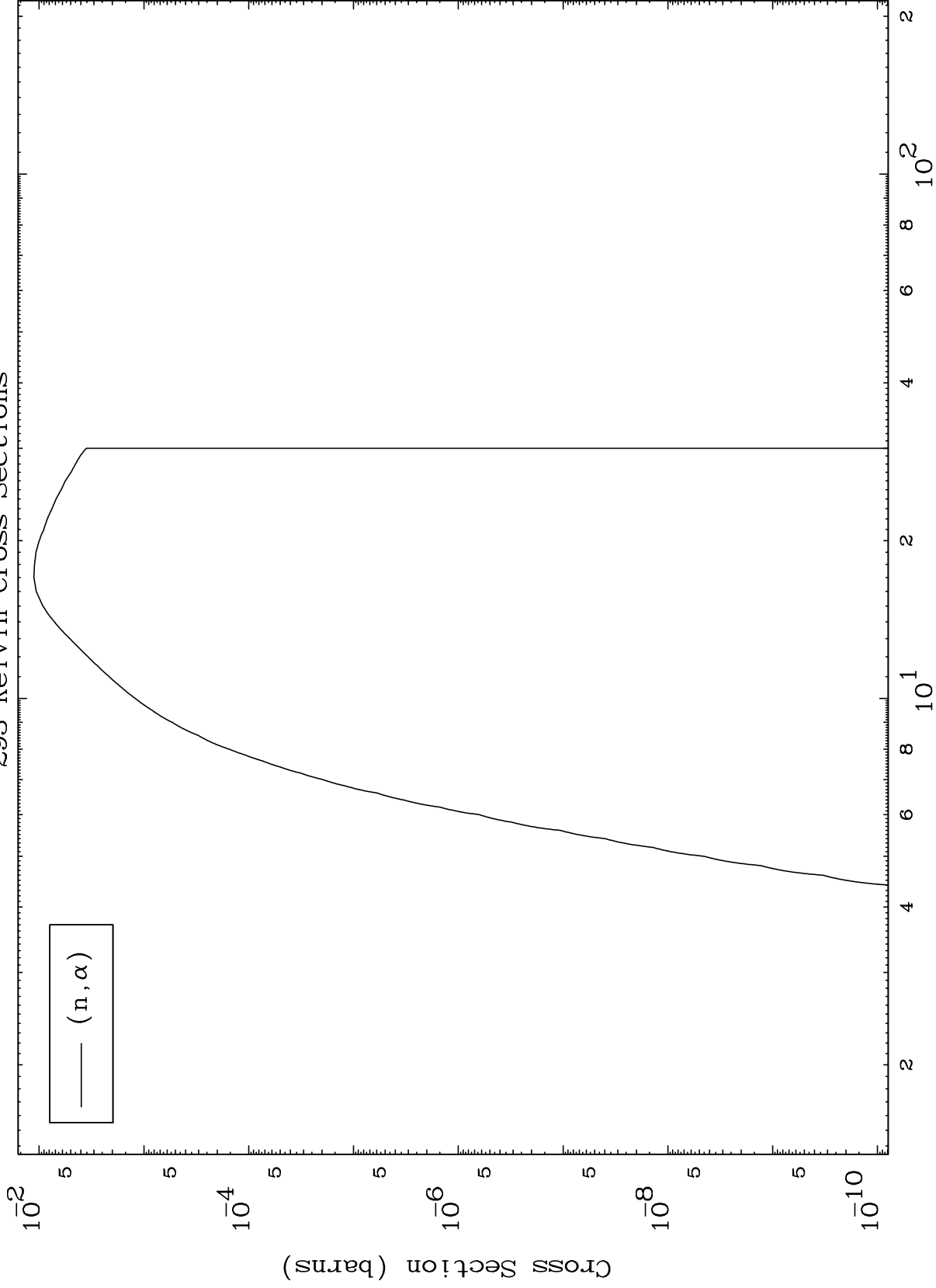
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27-Co-61

MAT 2731

(n, α) Levels
293 Kelvin Cross Sections

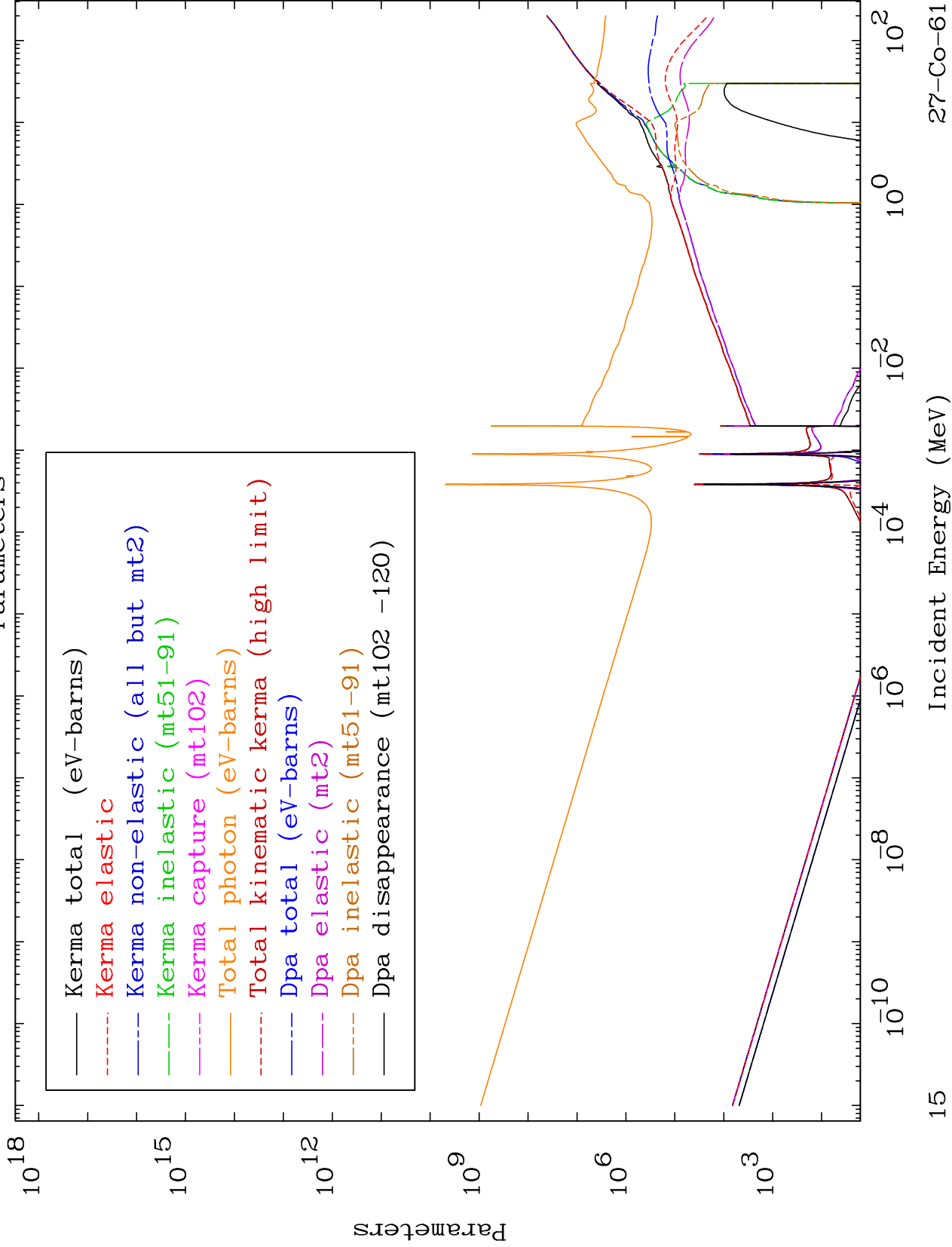
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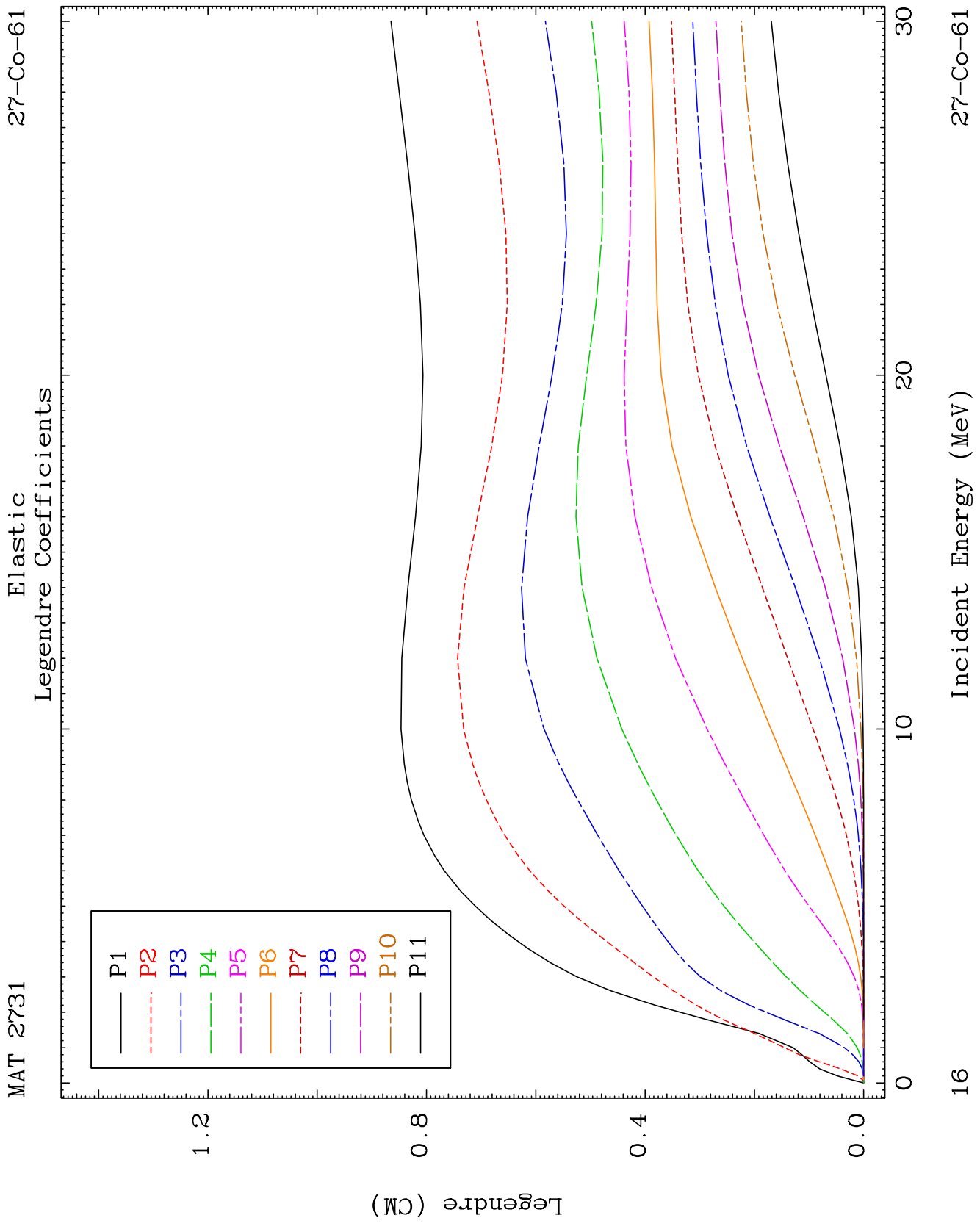


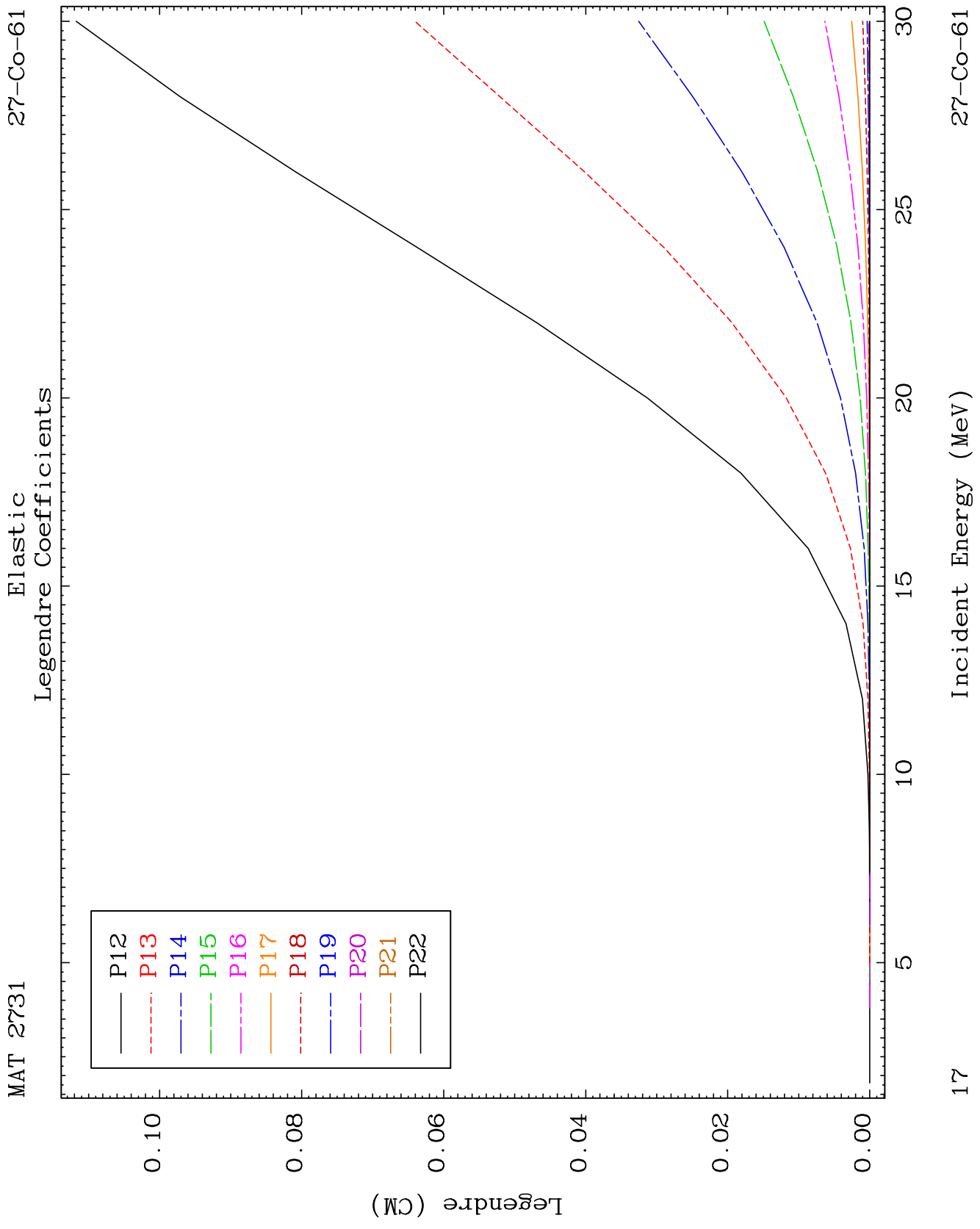
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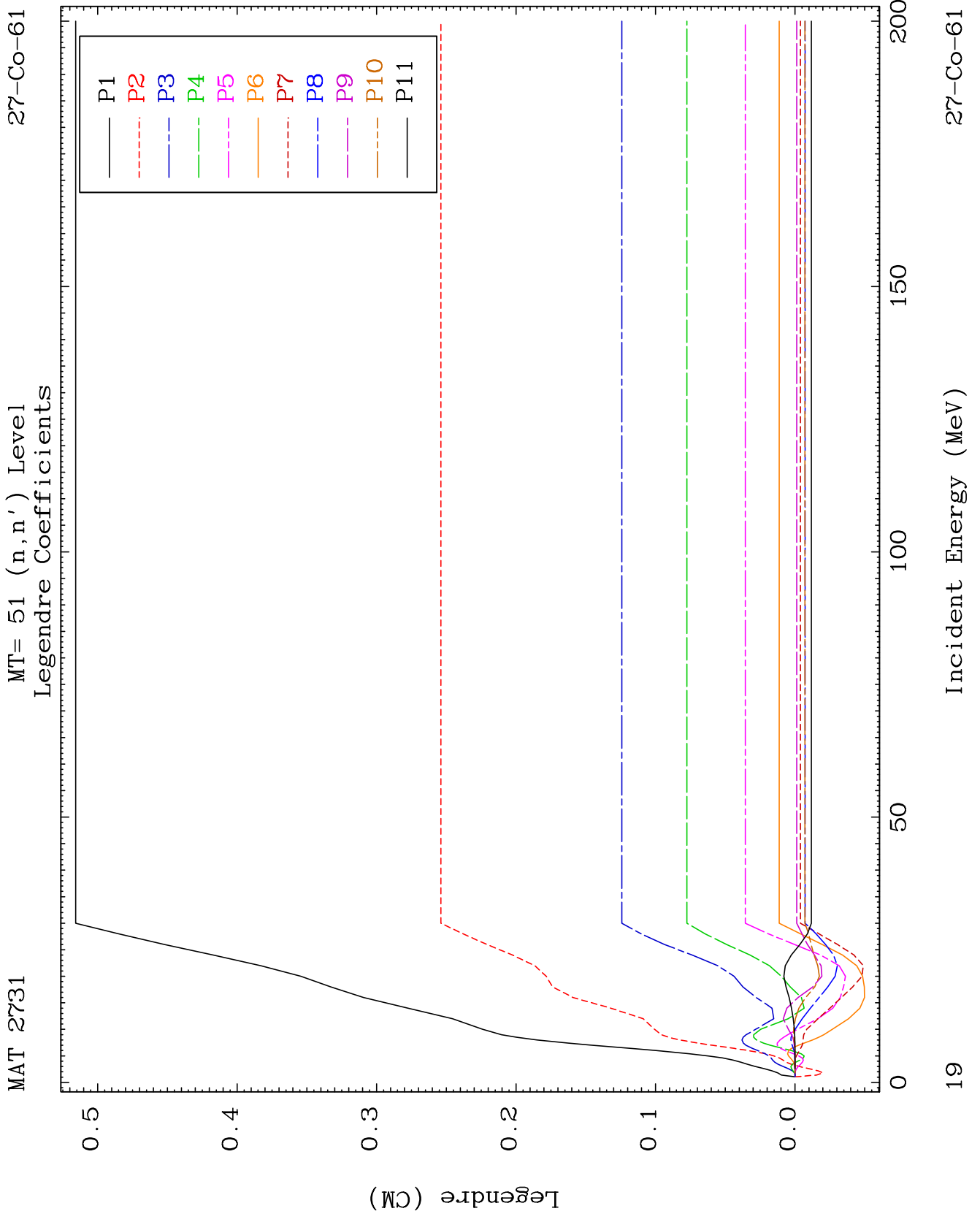
Incident Energy (MeV)

27-Co-61





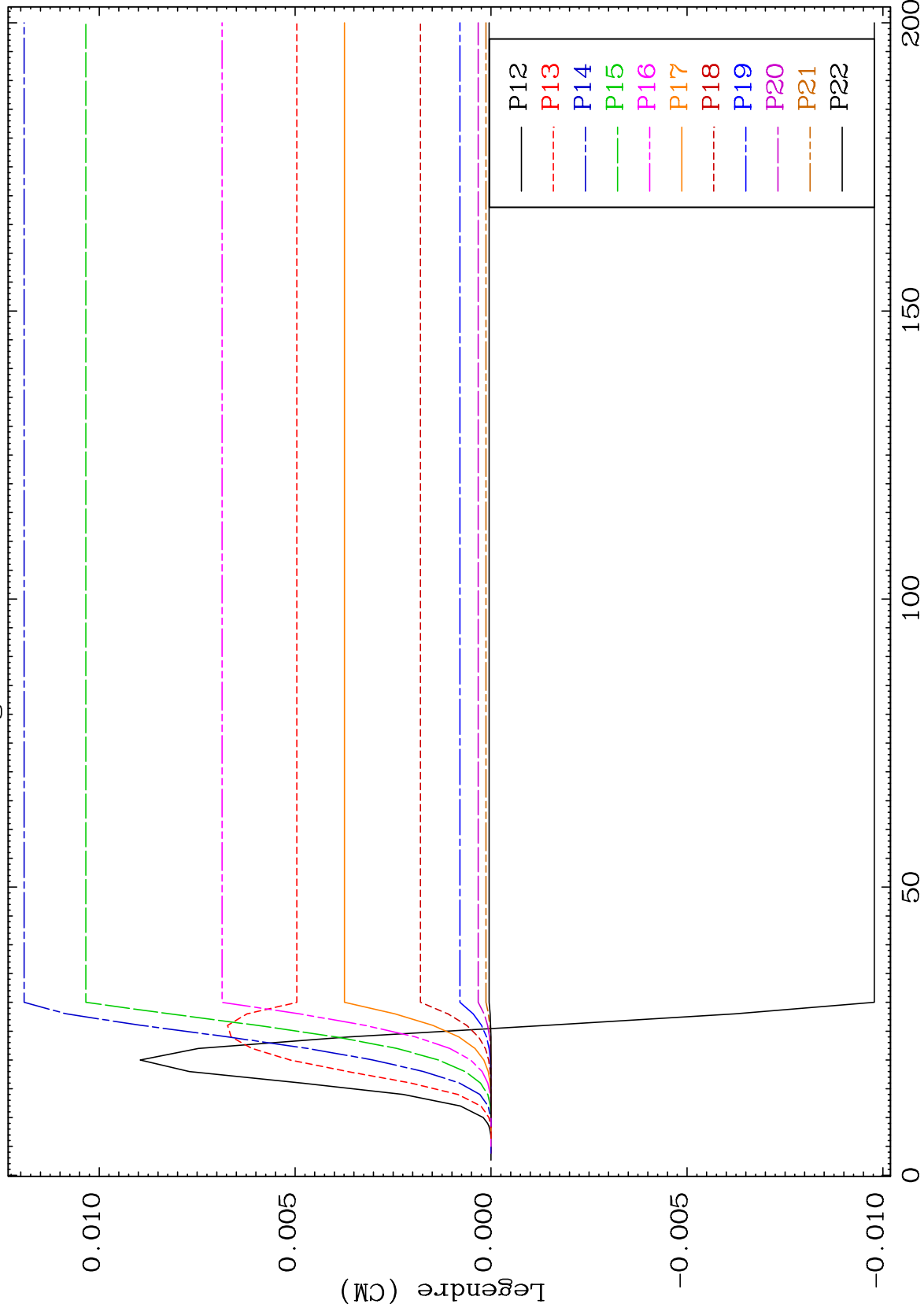




MAT 2731

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

27-Co-61



20

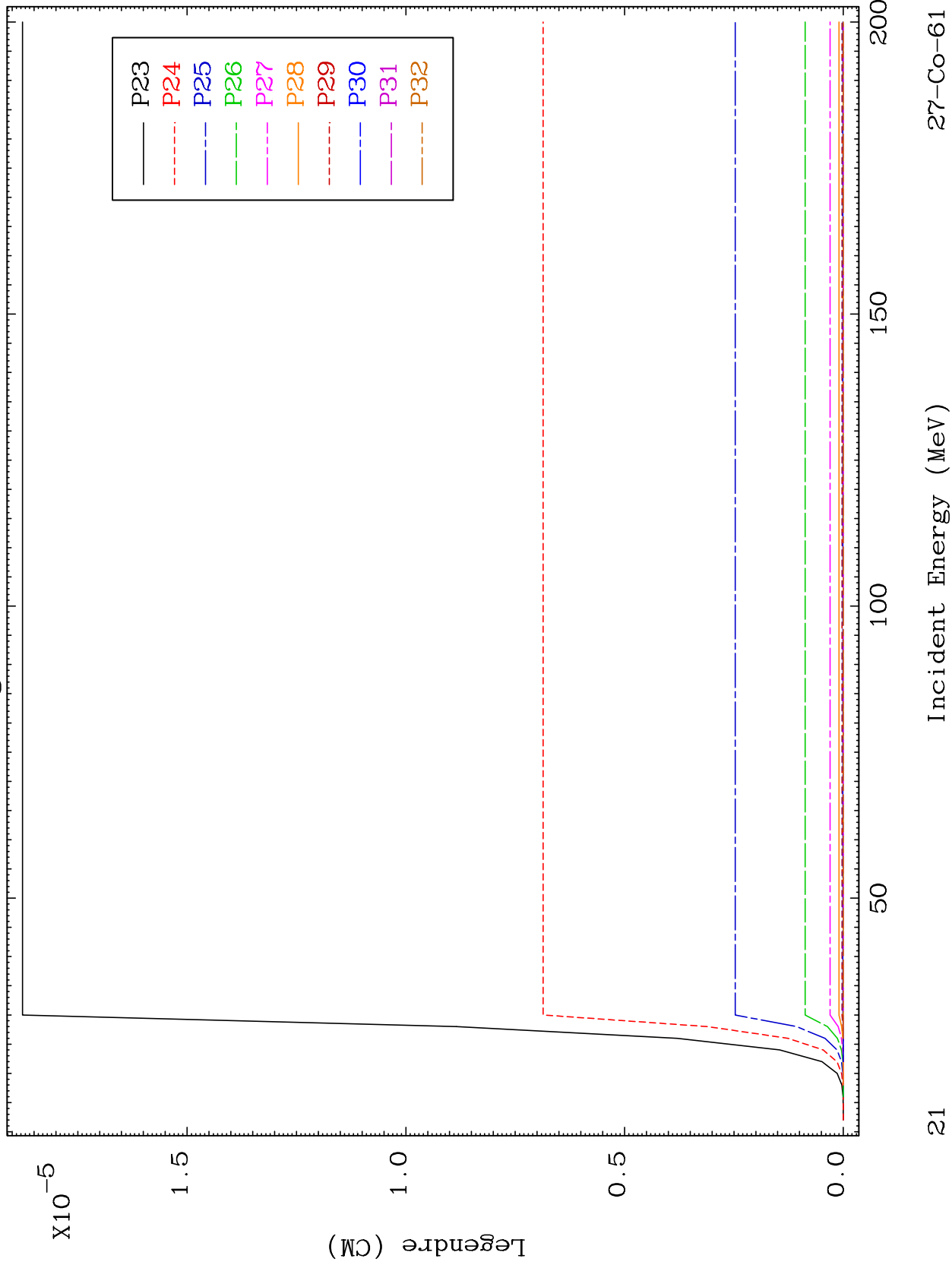
Incident Energy (MeV)

27-Co-61

MAT 2731

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

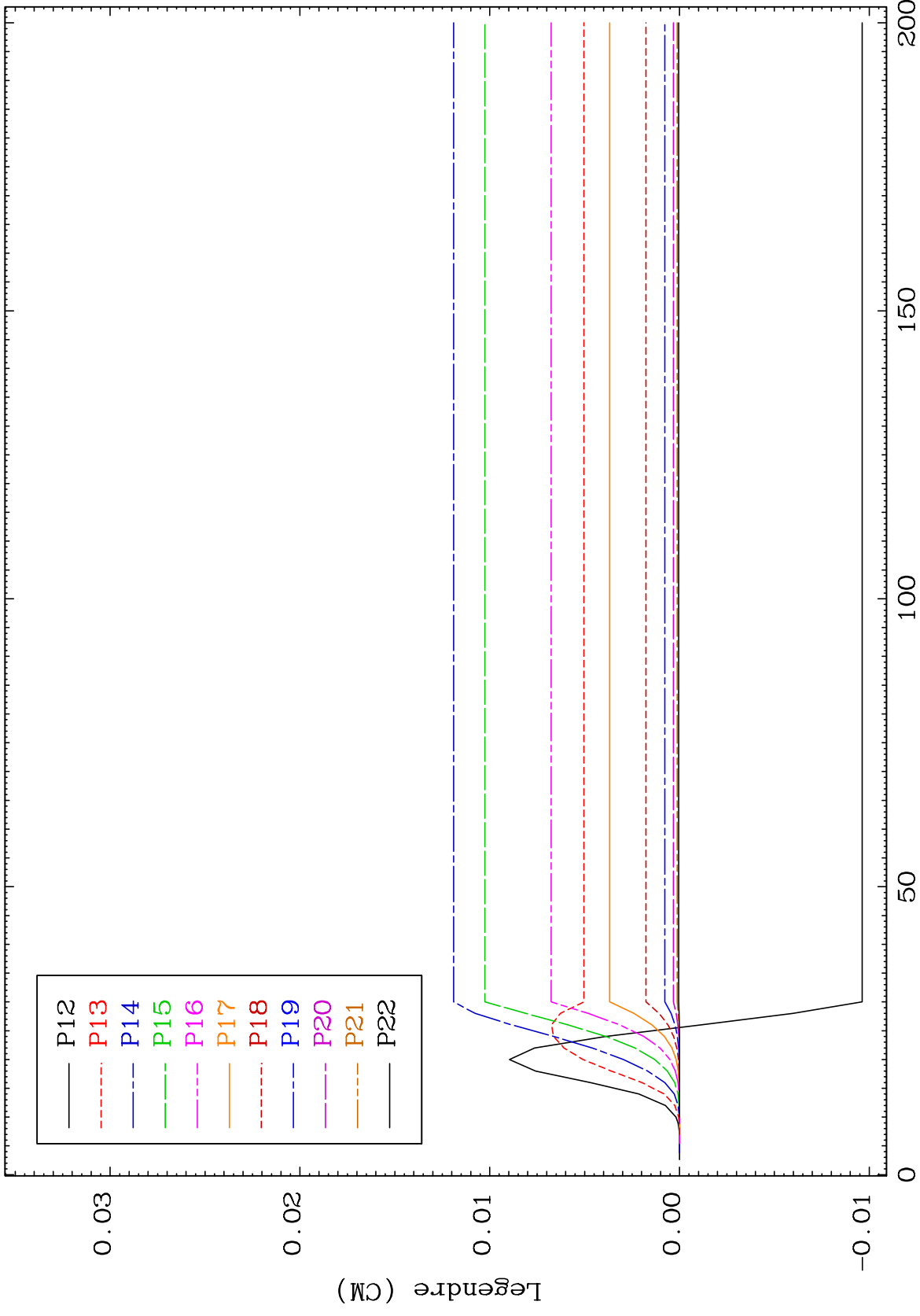
27-Co-61



MAT 2731

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

27-Co-61



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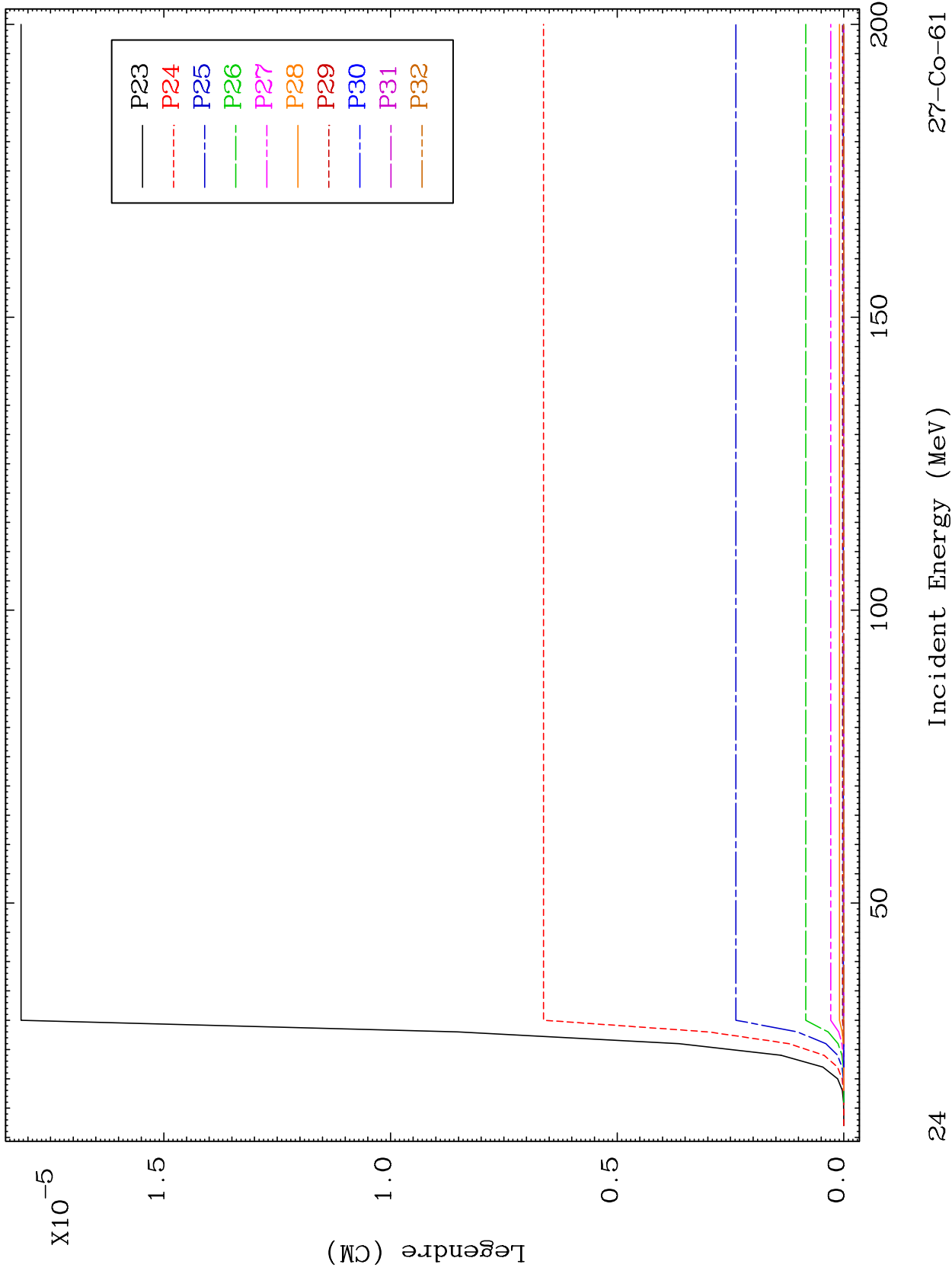
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



24

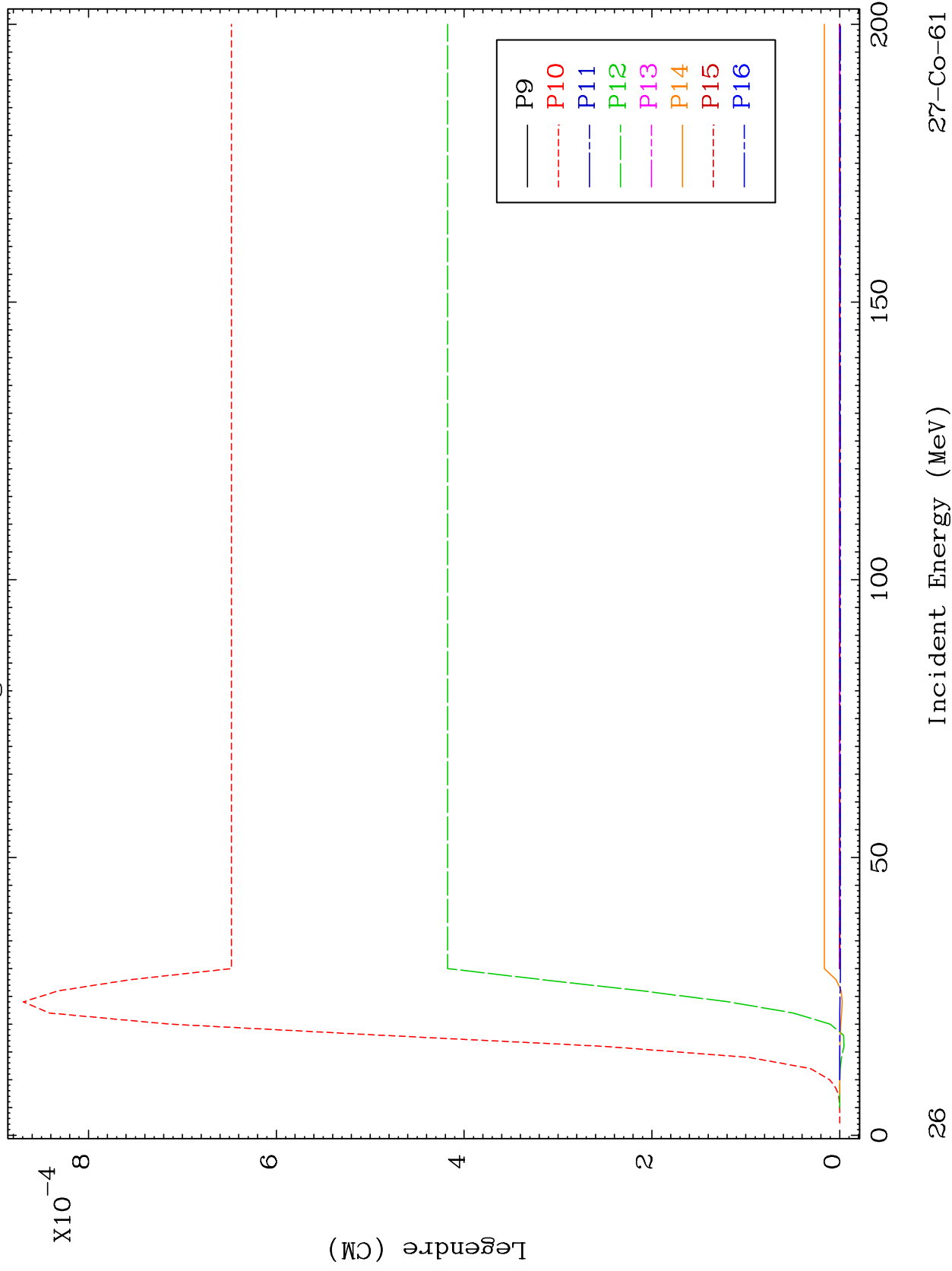
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



26

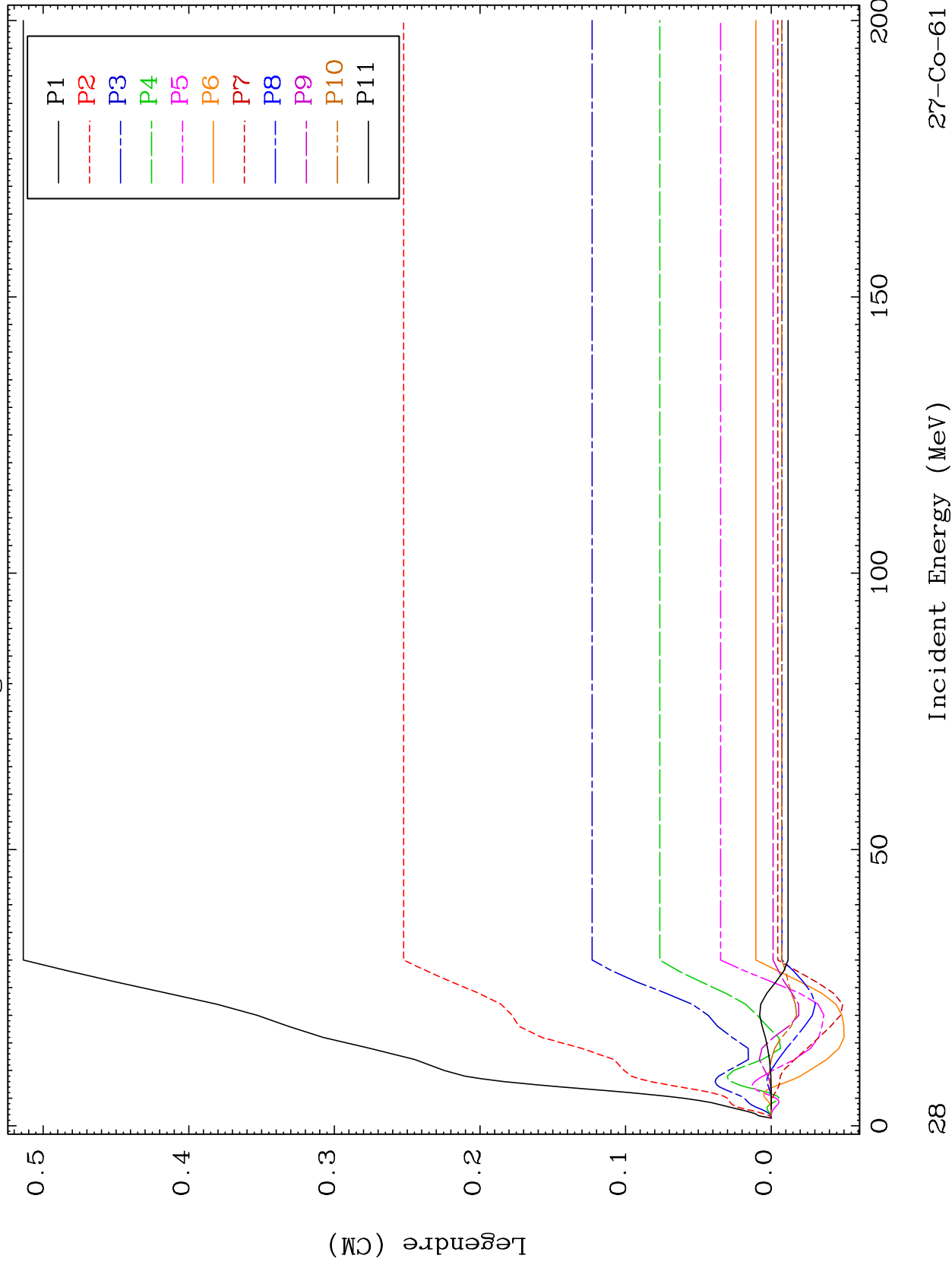
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



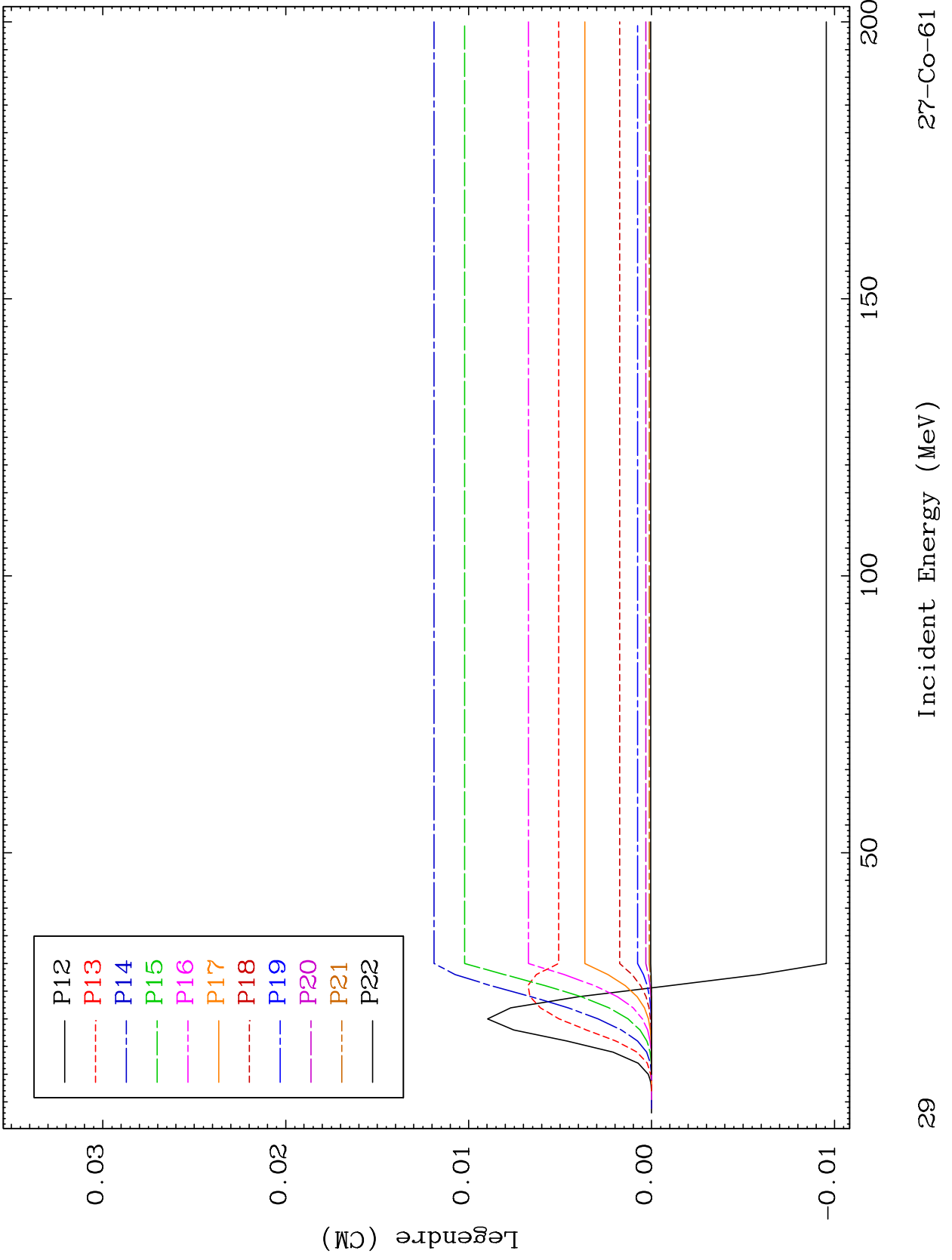
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27-Co-61

MAT 2731

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

27-Co-61



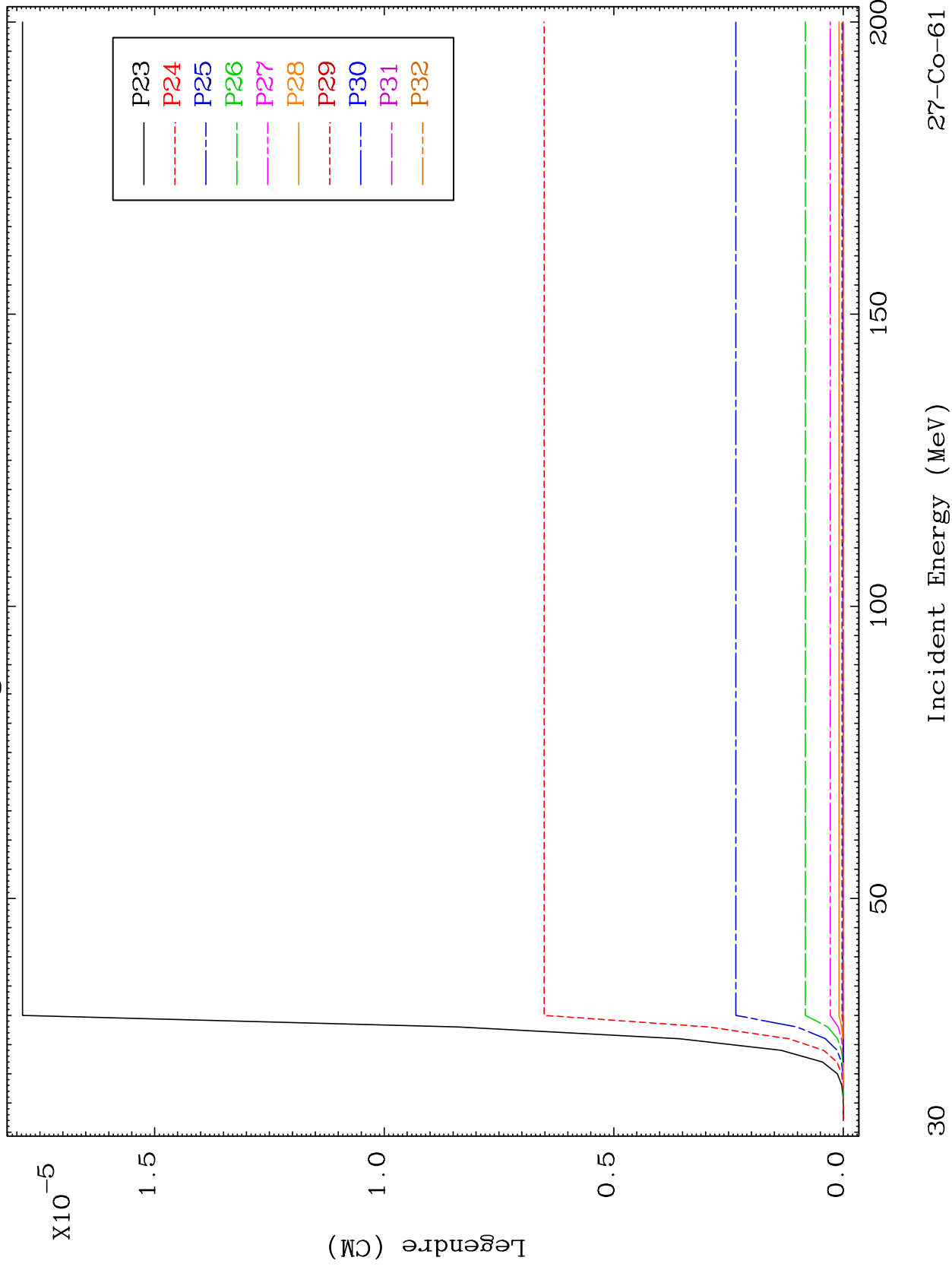
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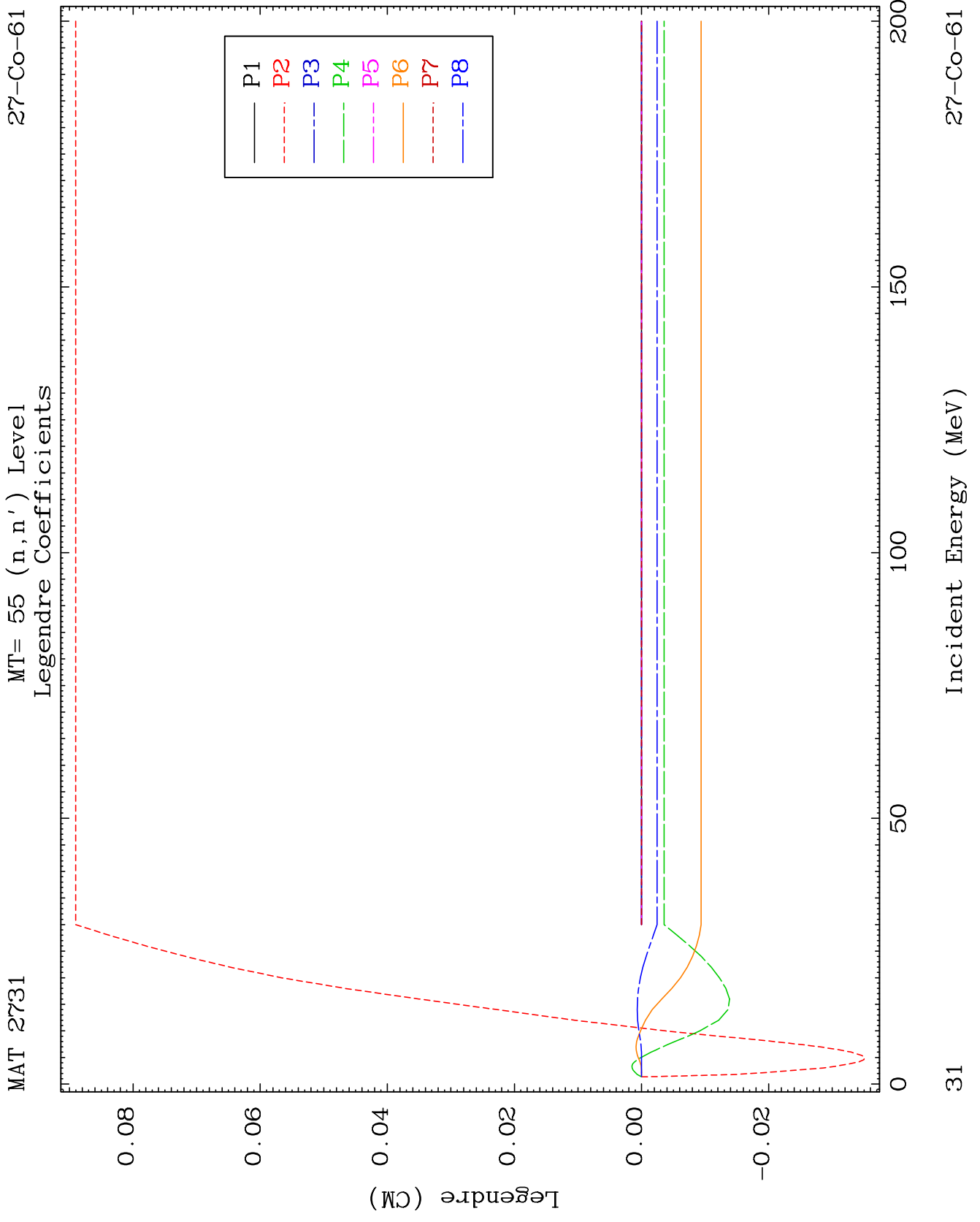
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MAT 2731

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

27-Co-61

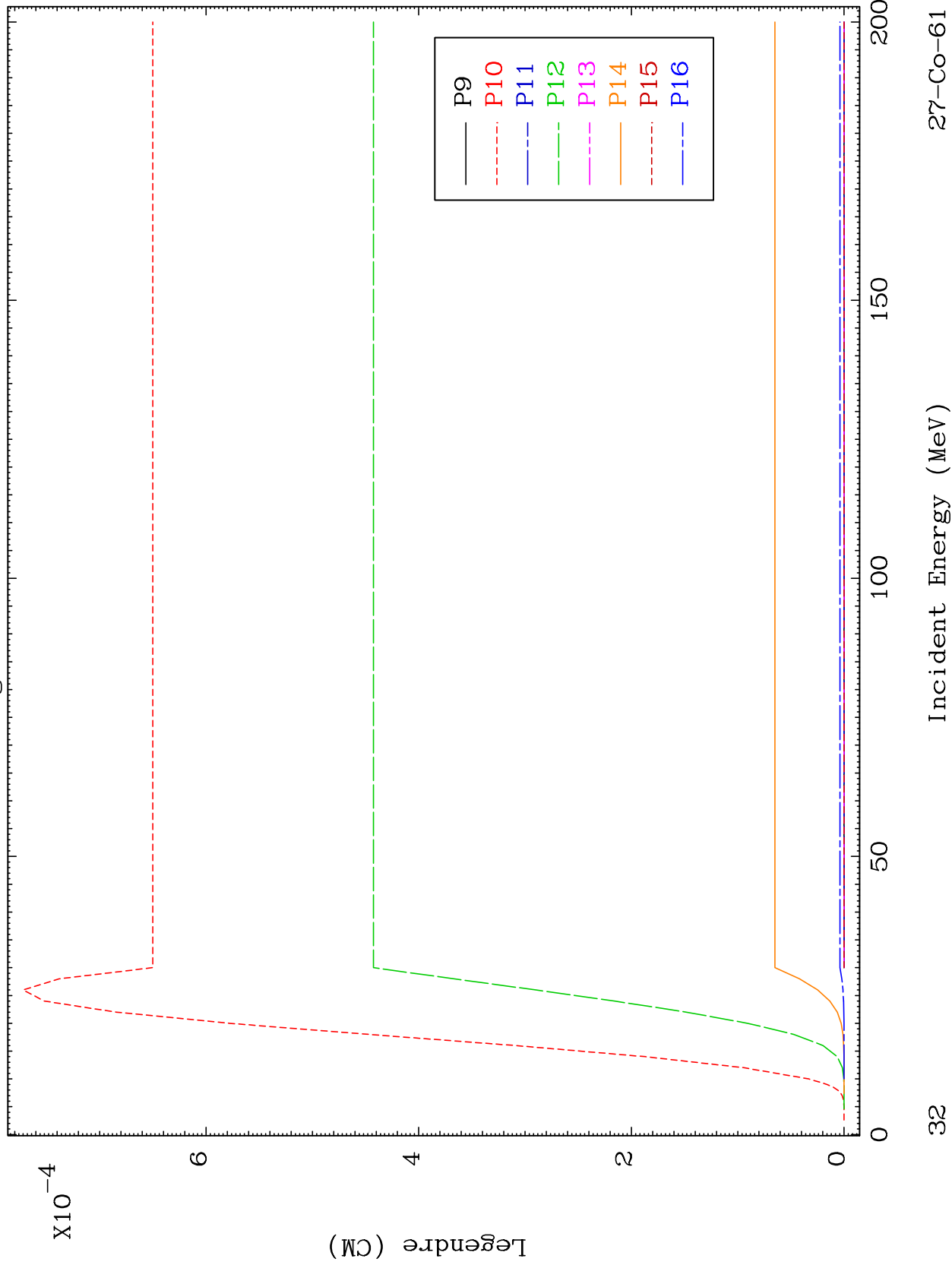




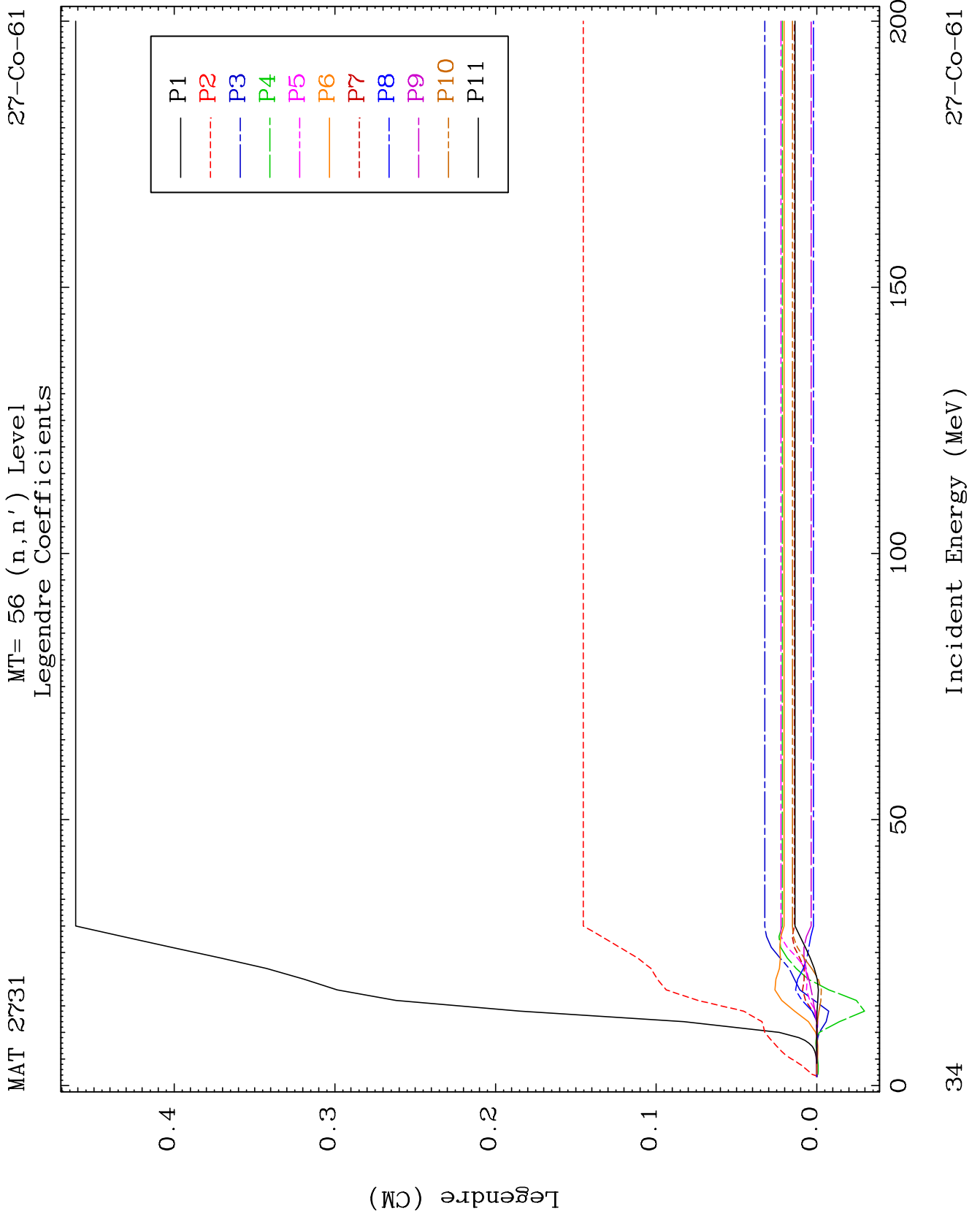
MAT 2731

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

27-Co-61



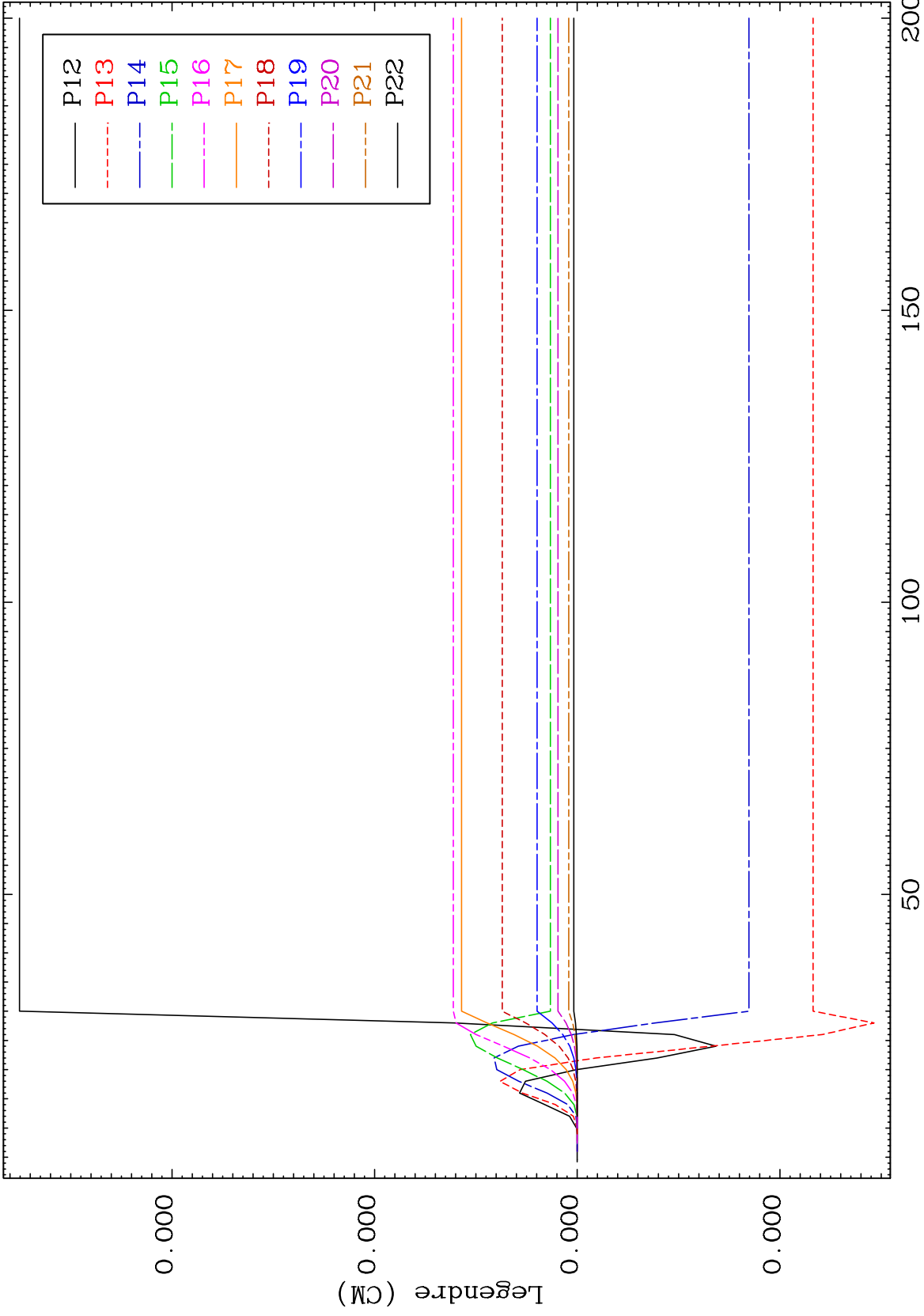
32



MAT 2731

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

27-Co-61



35

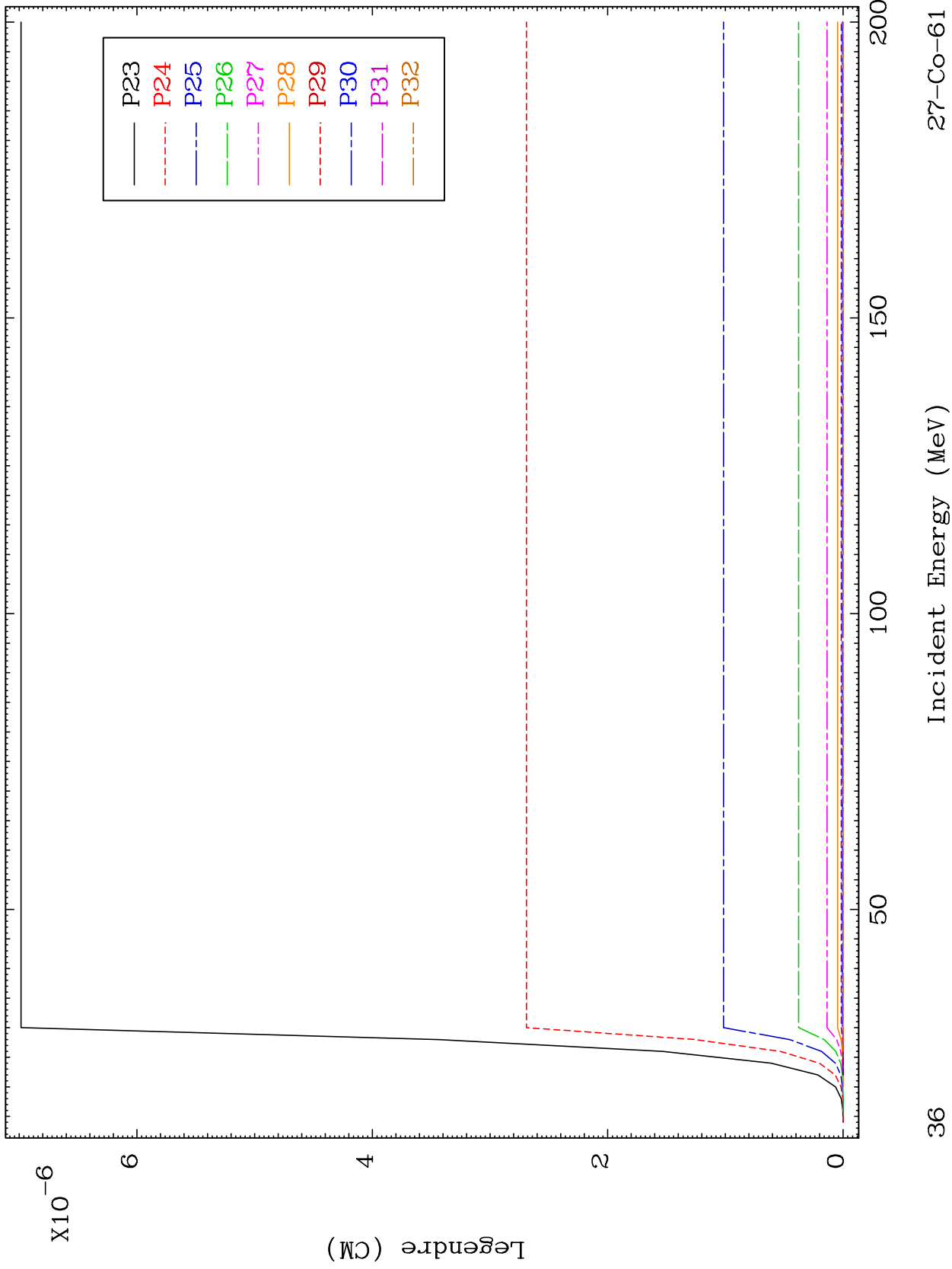
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



36

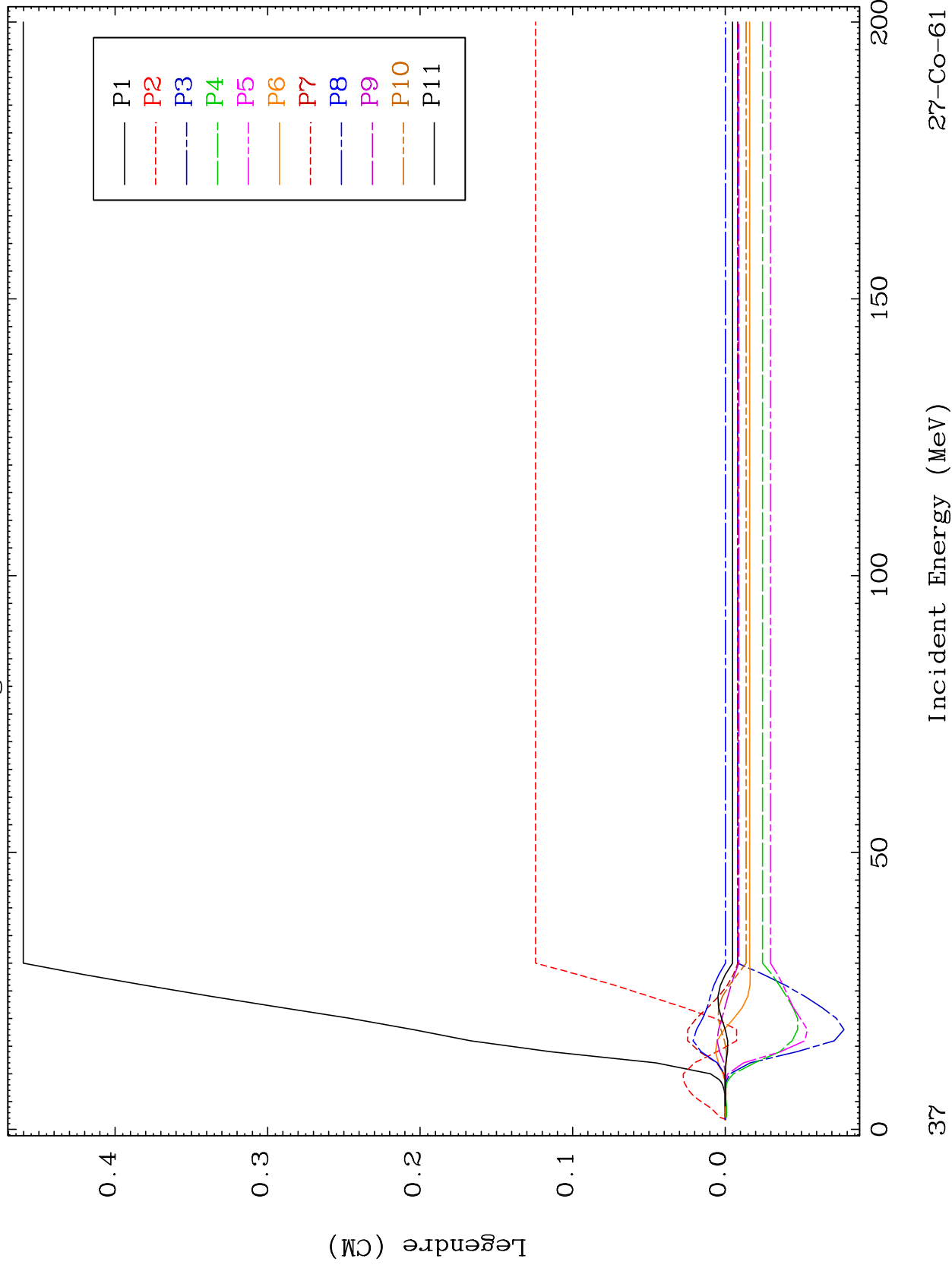
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



37

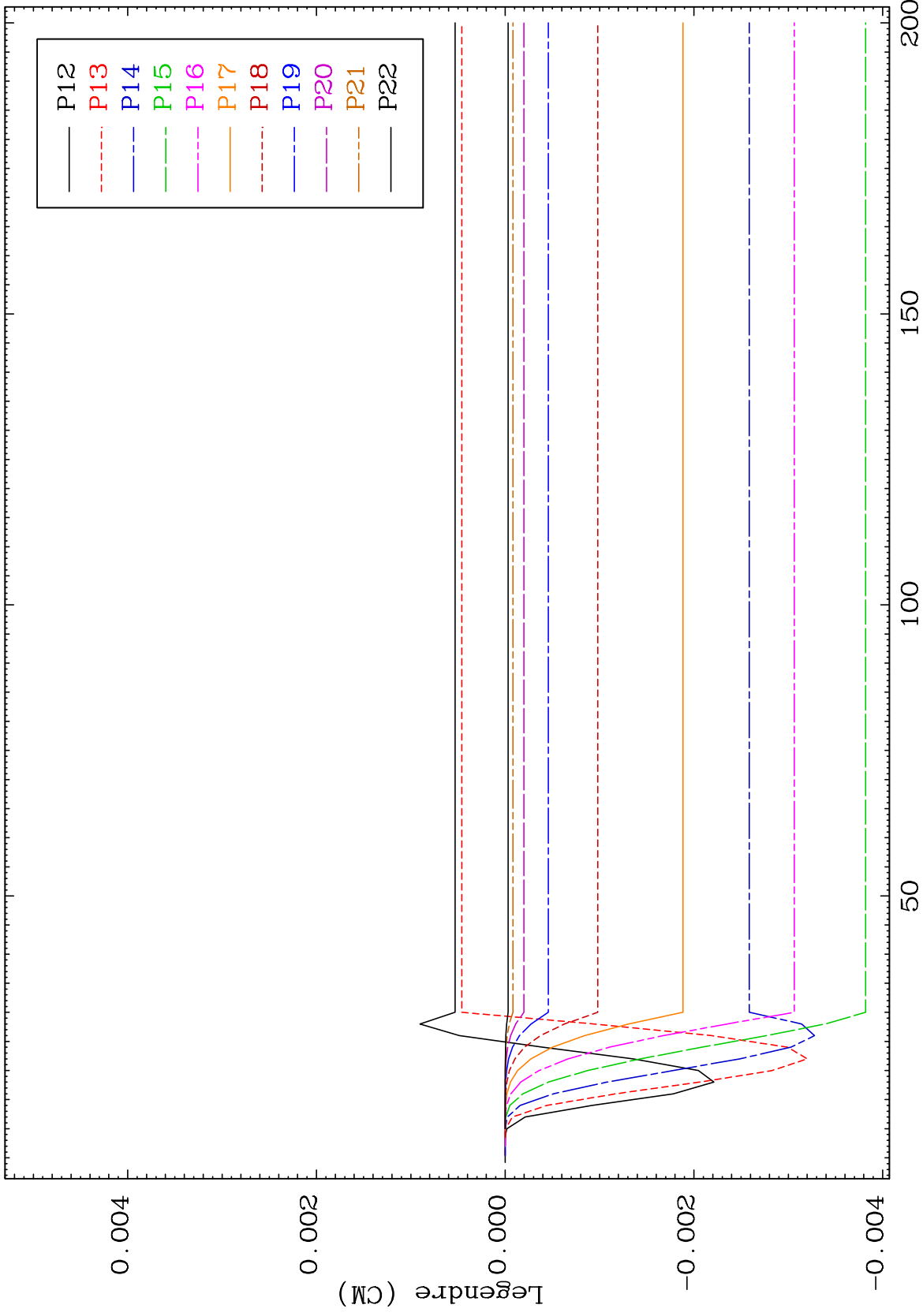
Incident Energy (MeV)

27-Co-61

MAT 2731

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

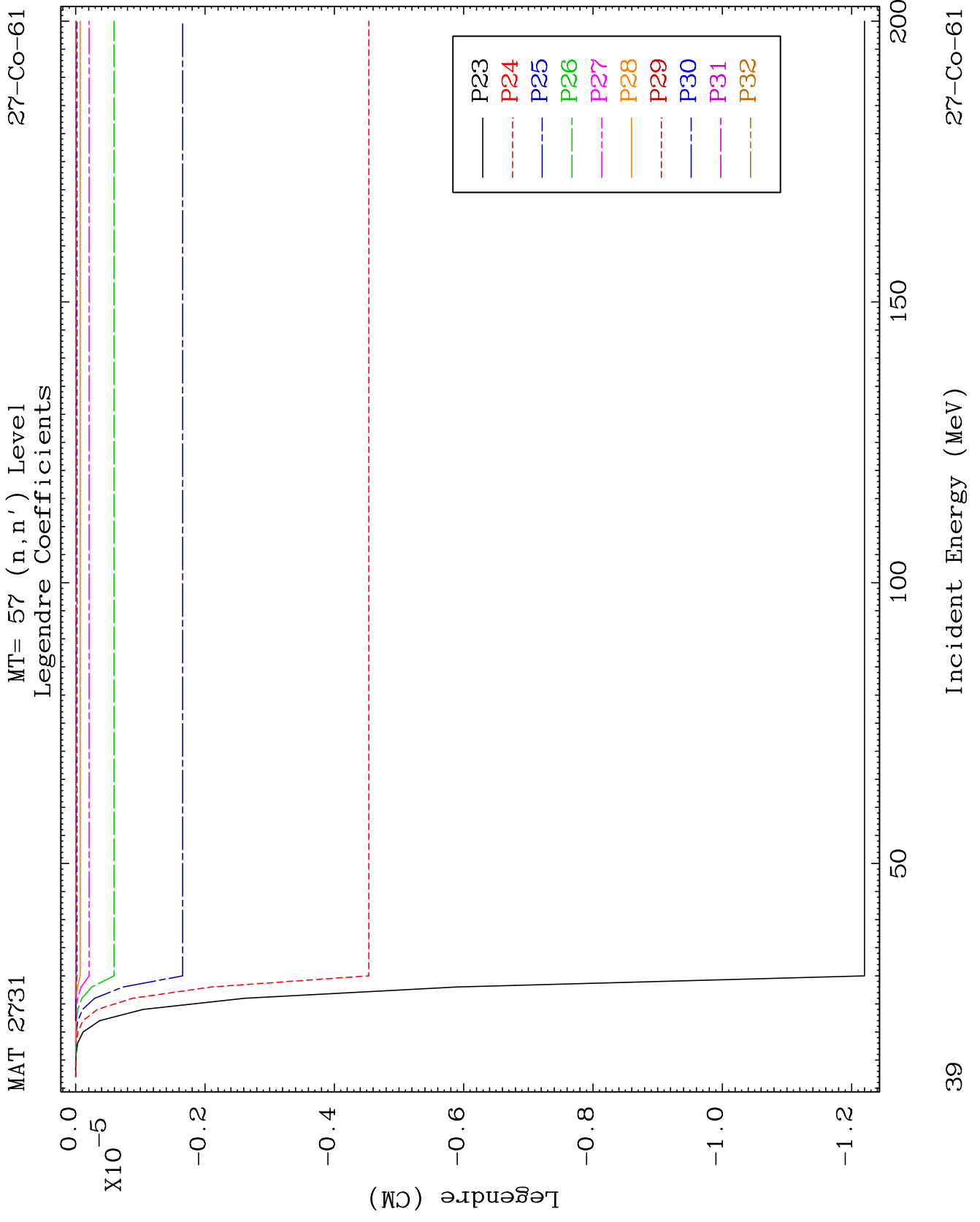
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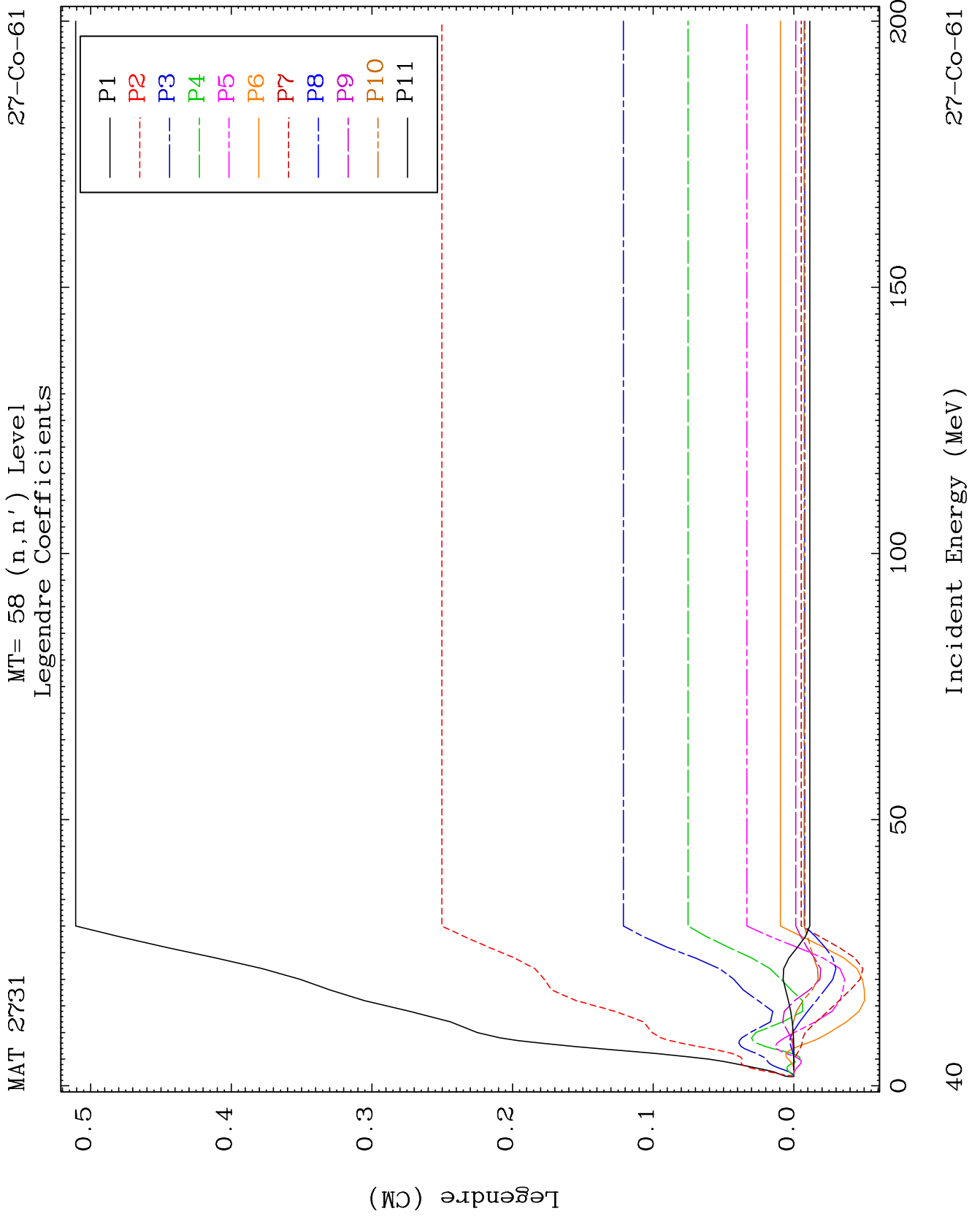


38

Incident Energy (MeV)

27-Co-61

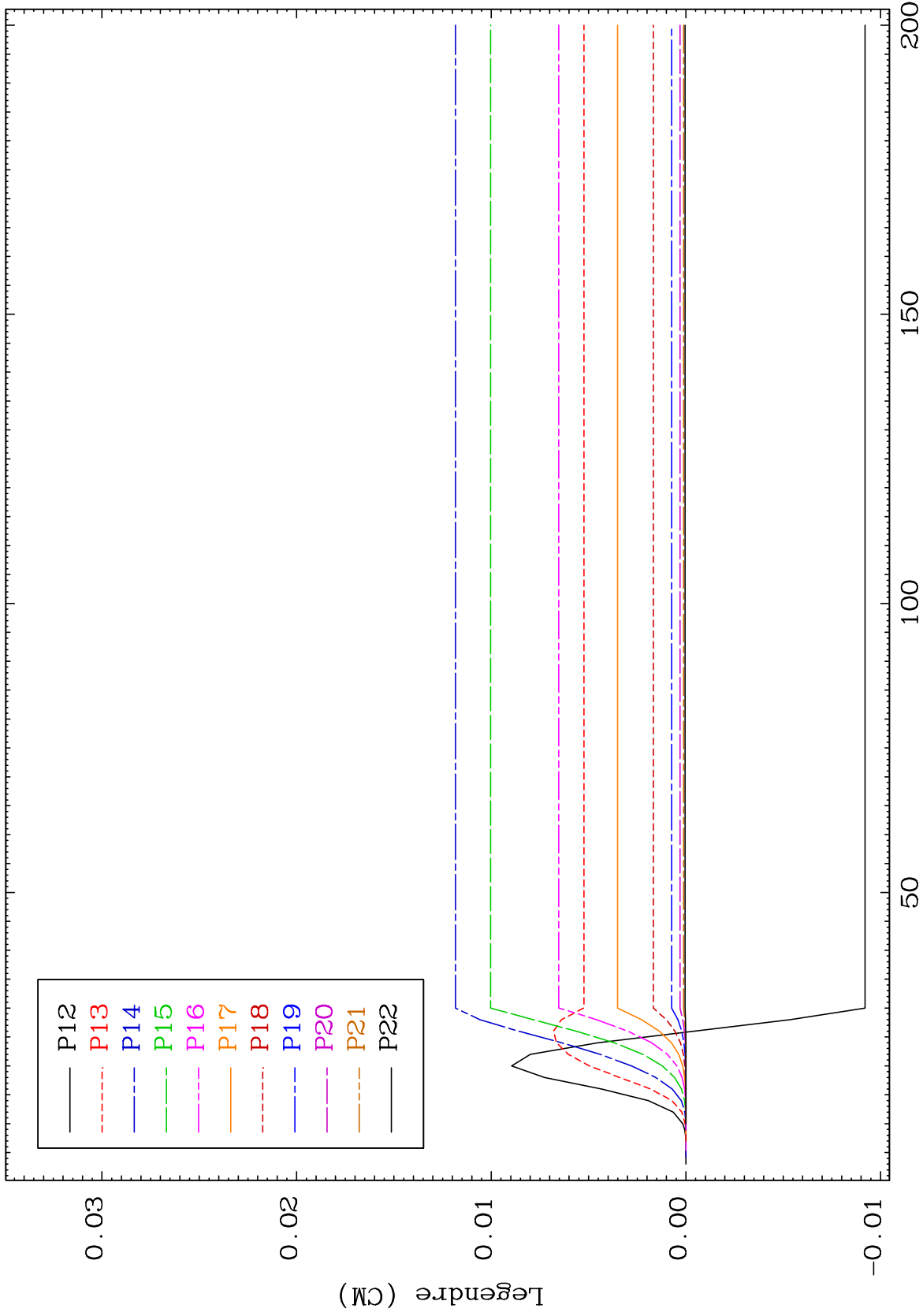




MAT 2731

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

27-Co-61



41

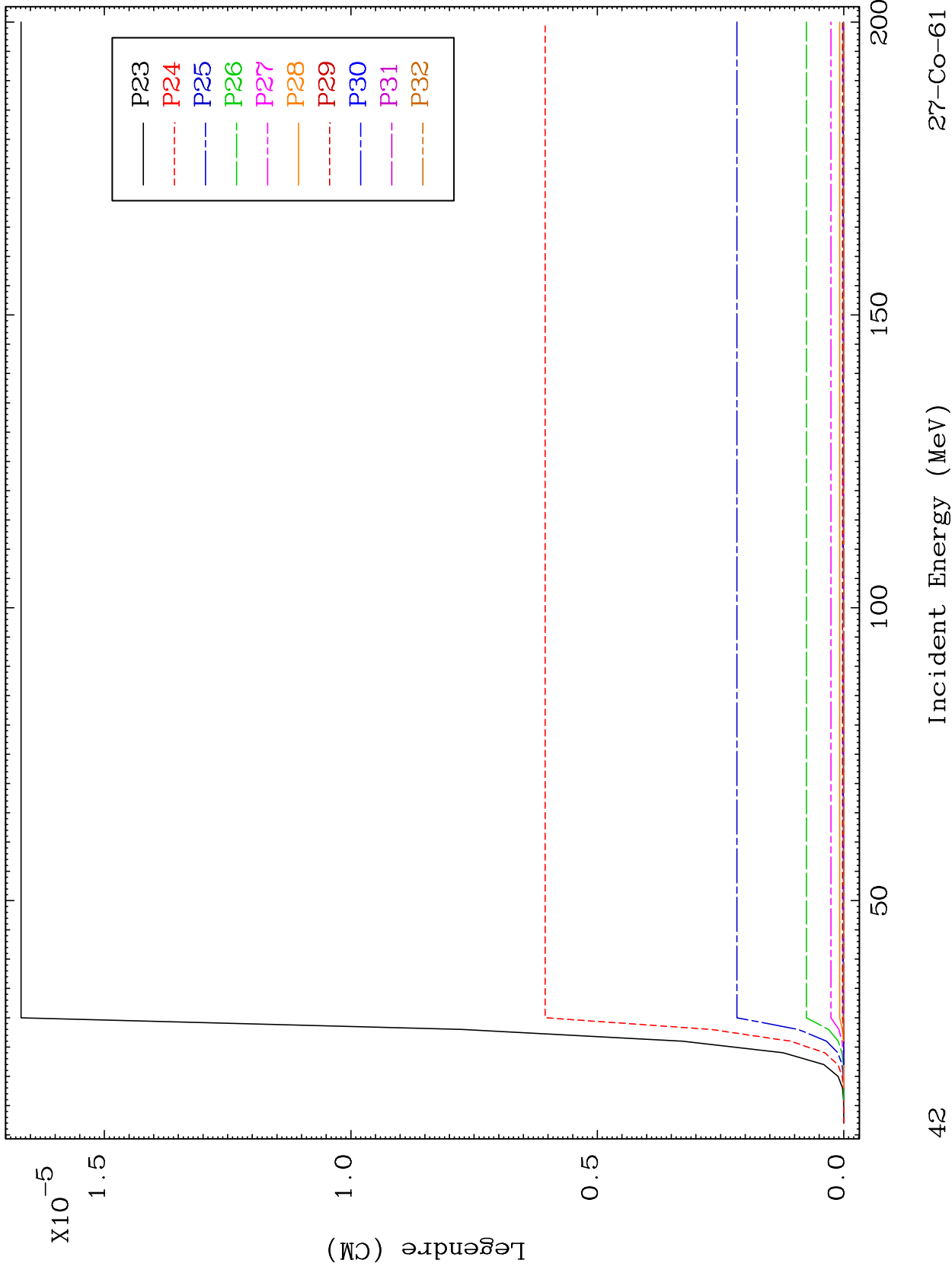
Incident Energy (MeV)

27-Co-61

MAT 2731

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

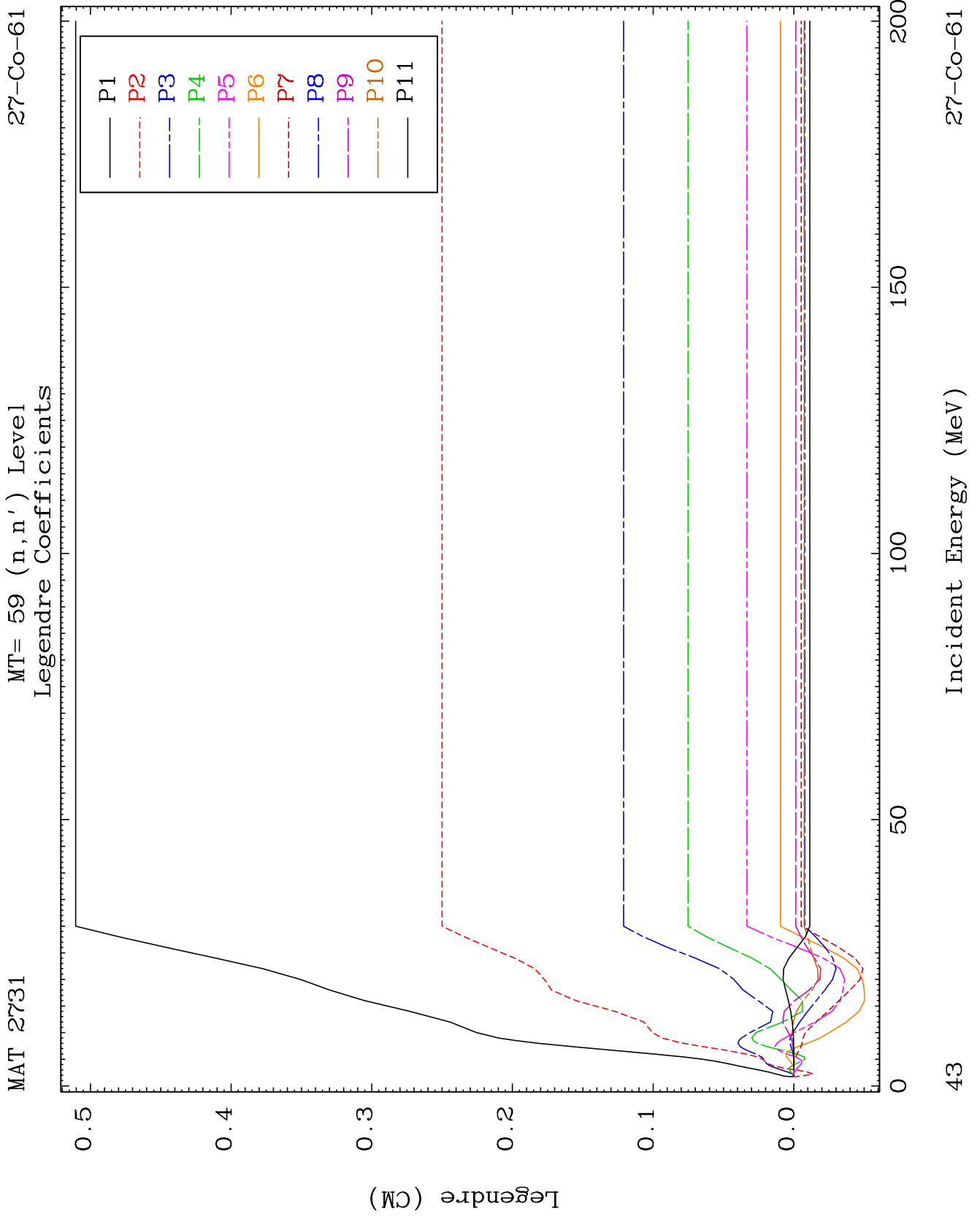
27-Co-61



42

Incident Energy (MeV)

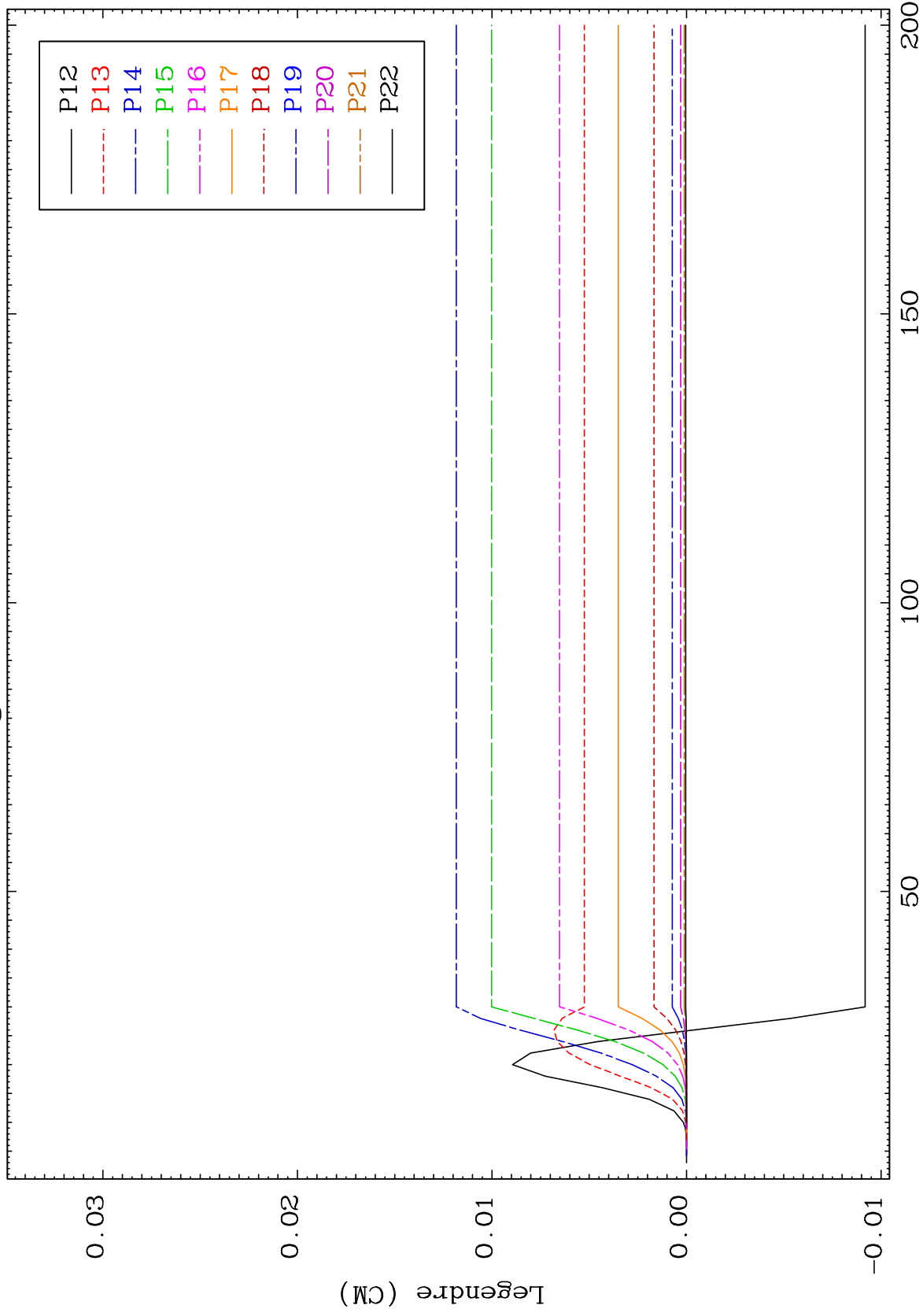
27-Co-61



MAT 2731

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

27-Co-61



44

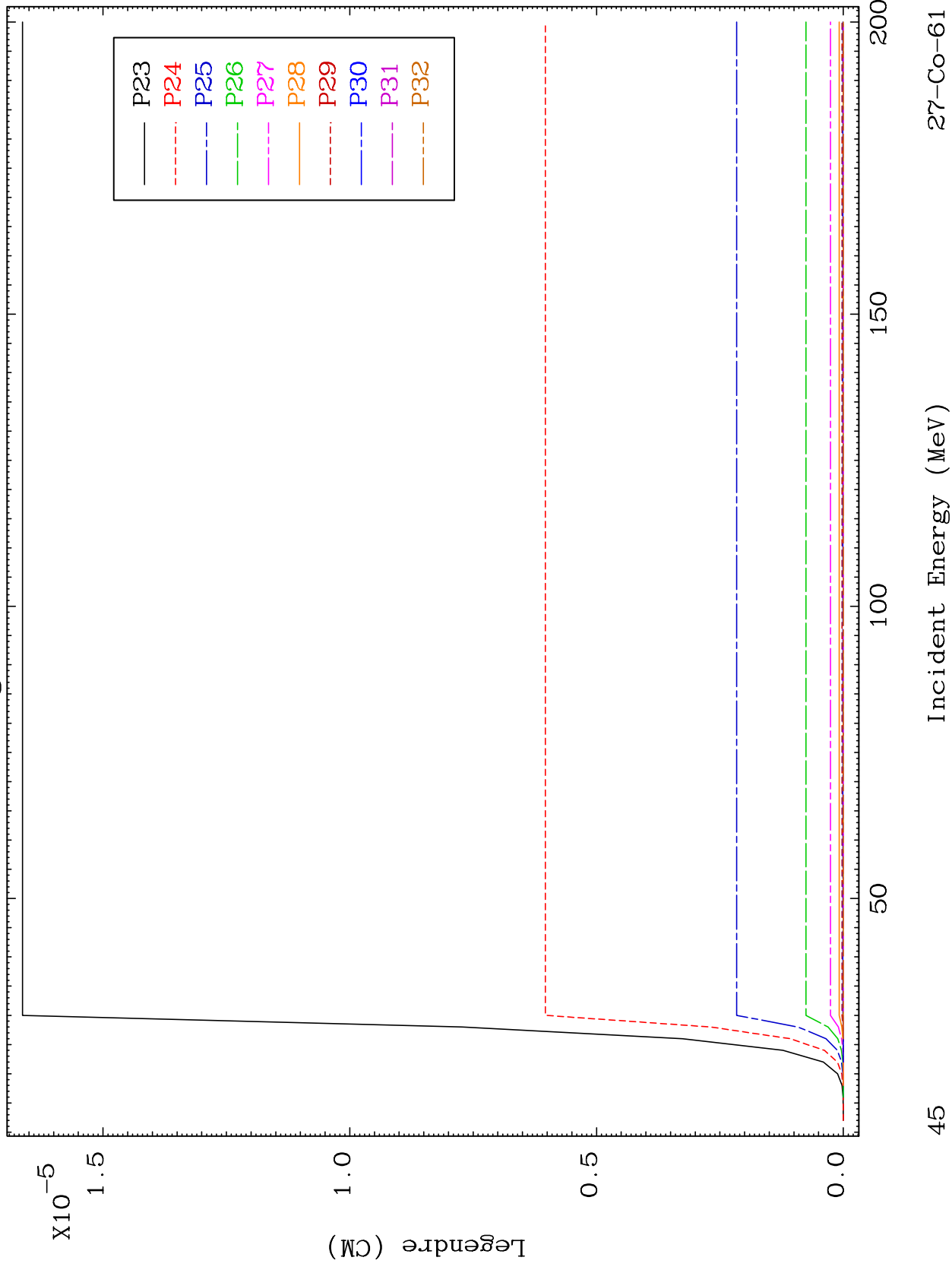
Incident Energy (MeV)

27-Co-61

MAT 2731

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

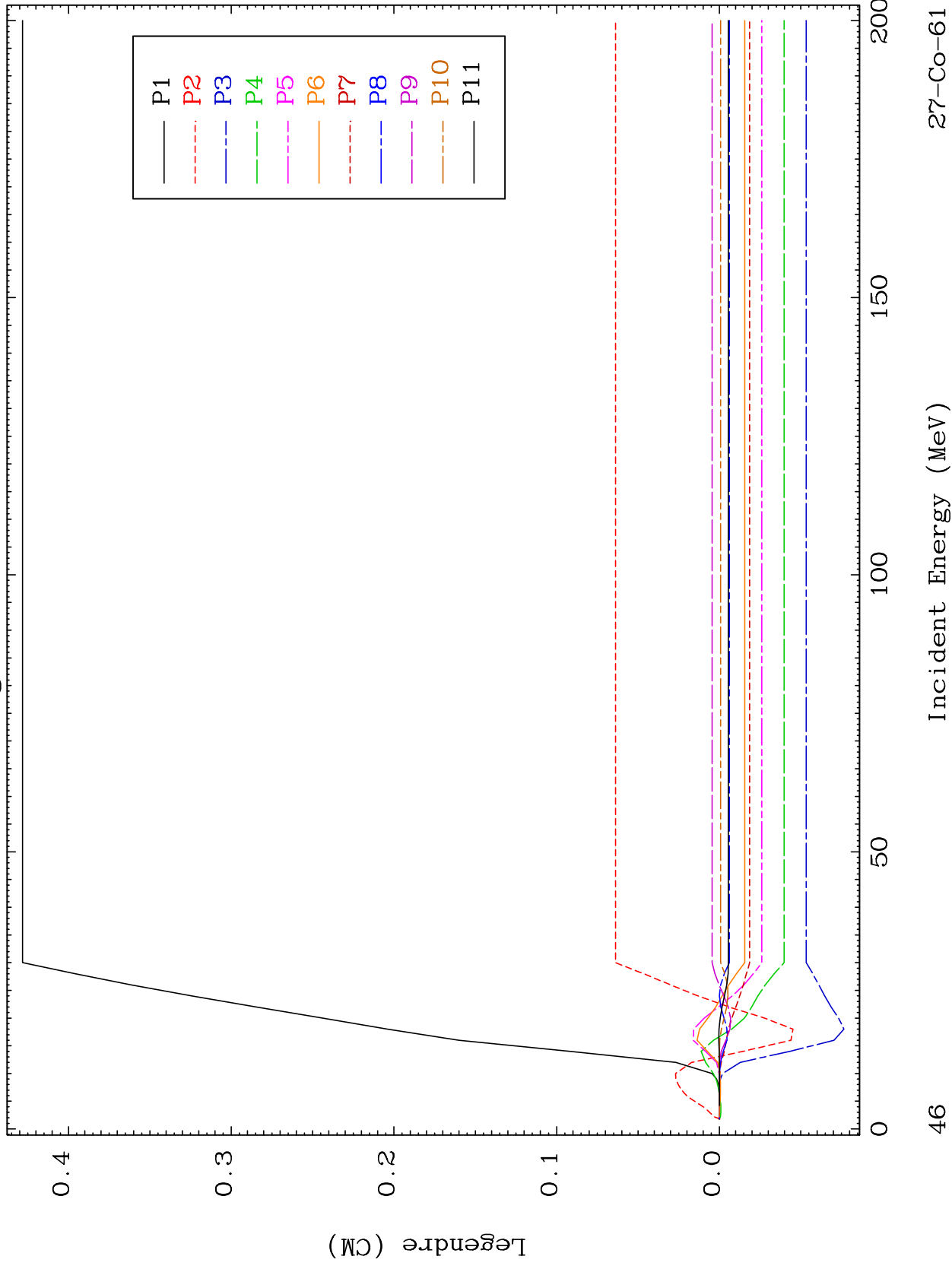
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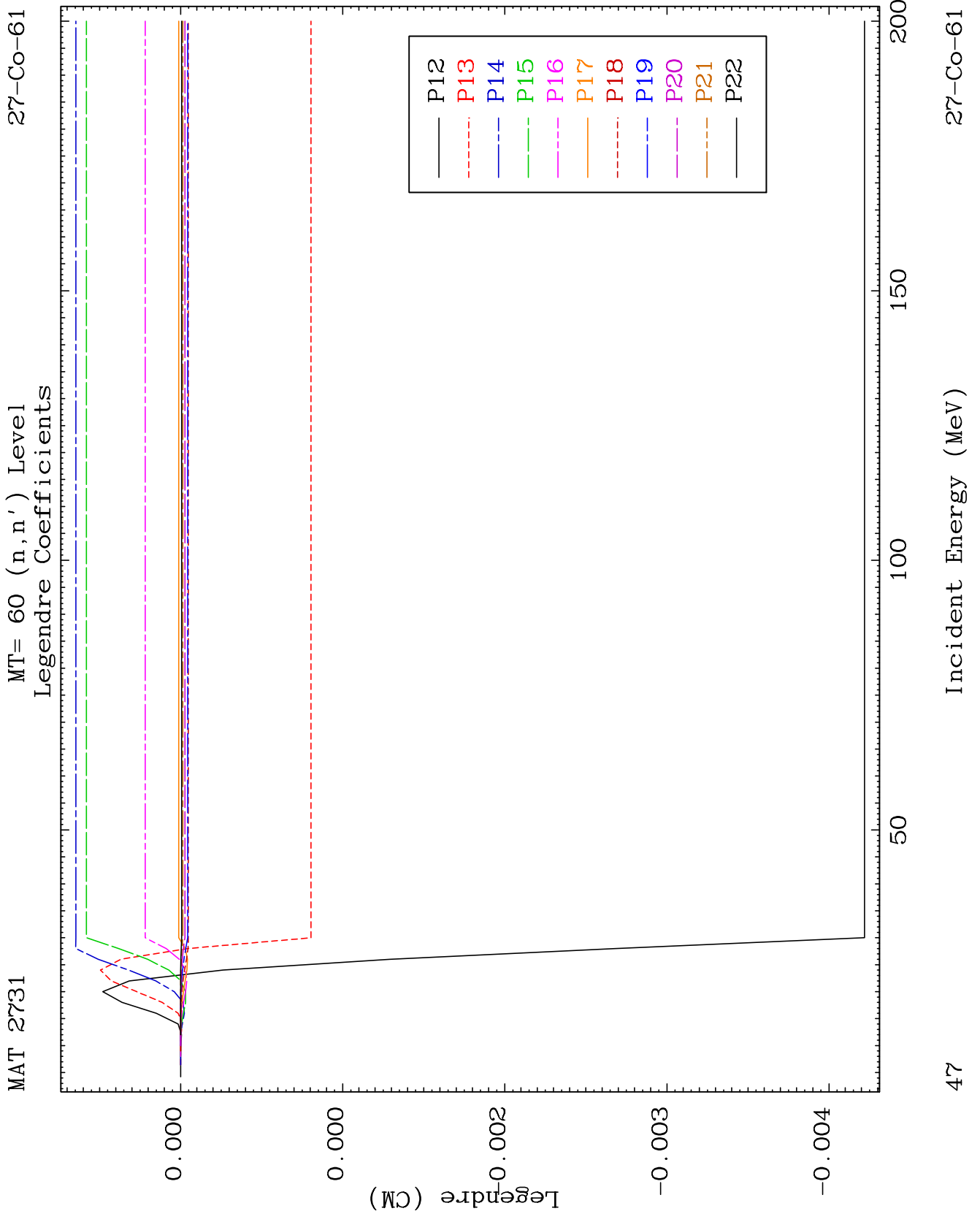


MAT 2731

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

27-Co-61

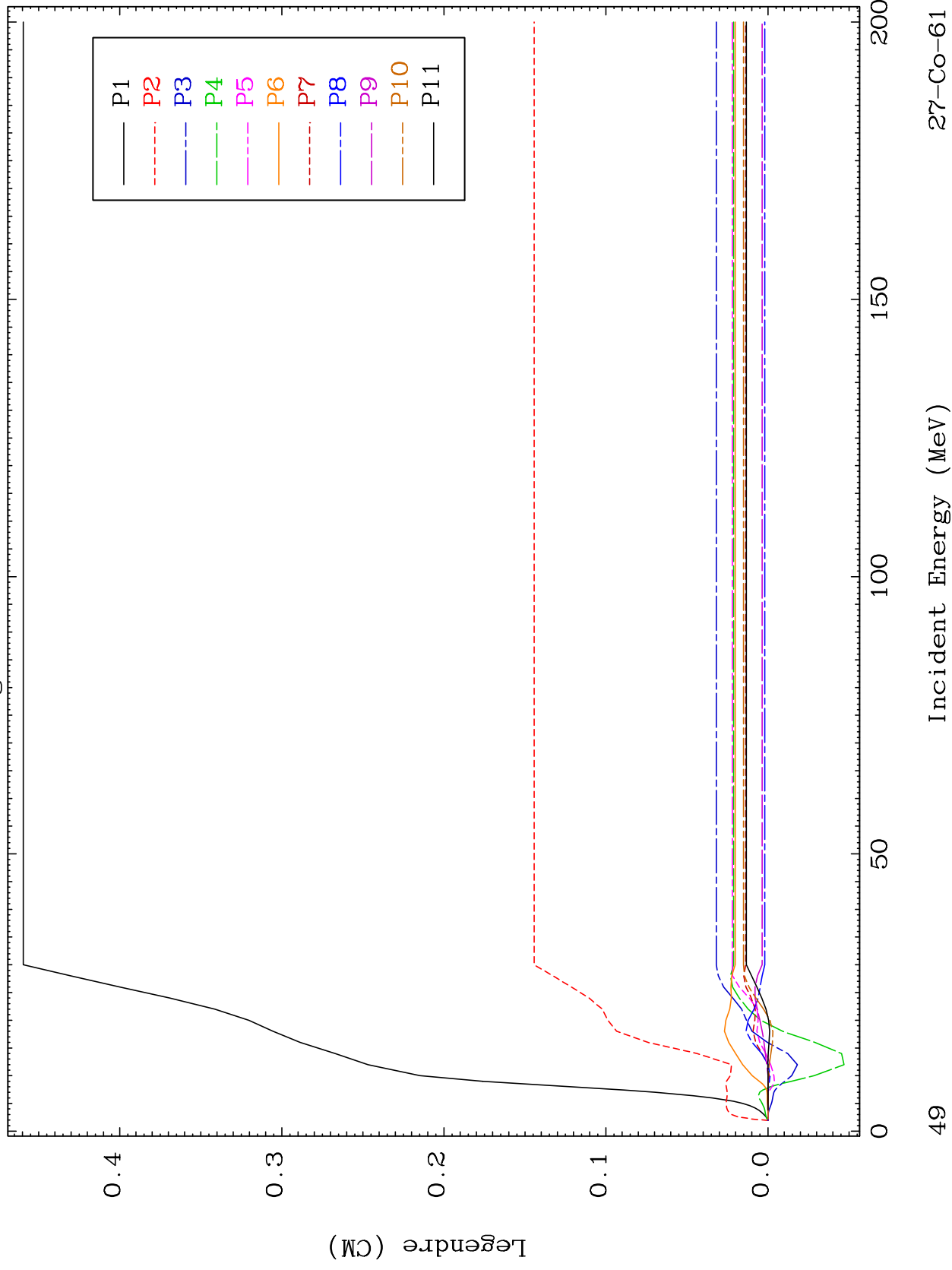




MAT 2731

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

27-Co-61



27-Co-61

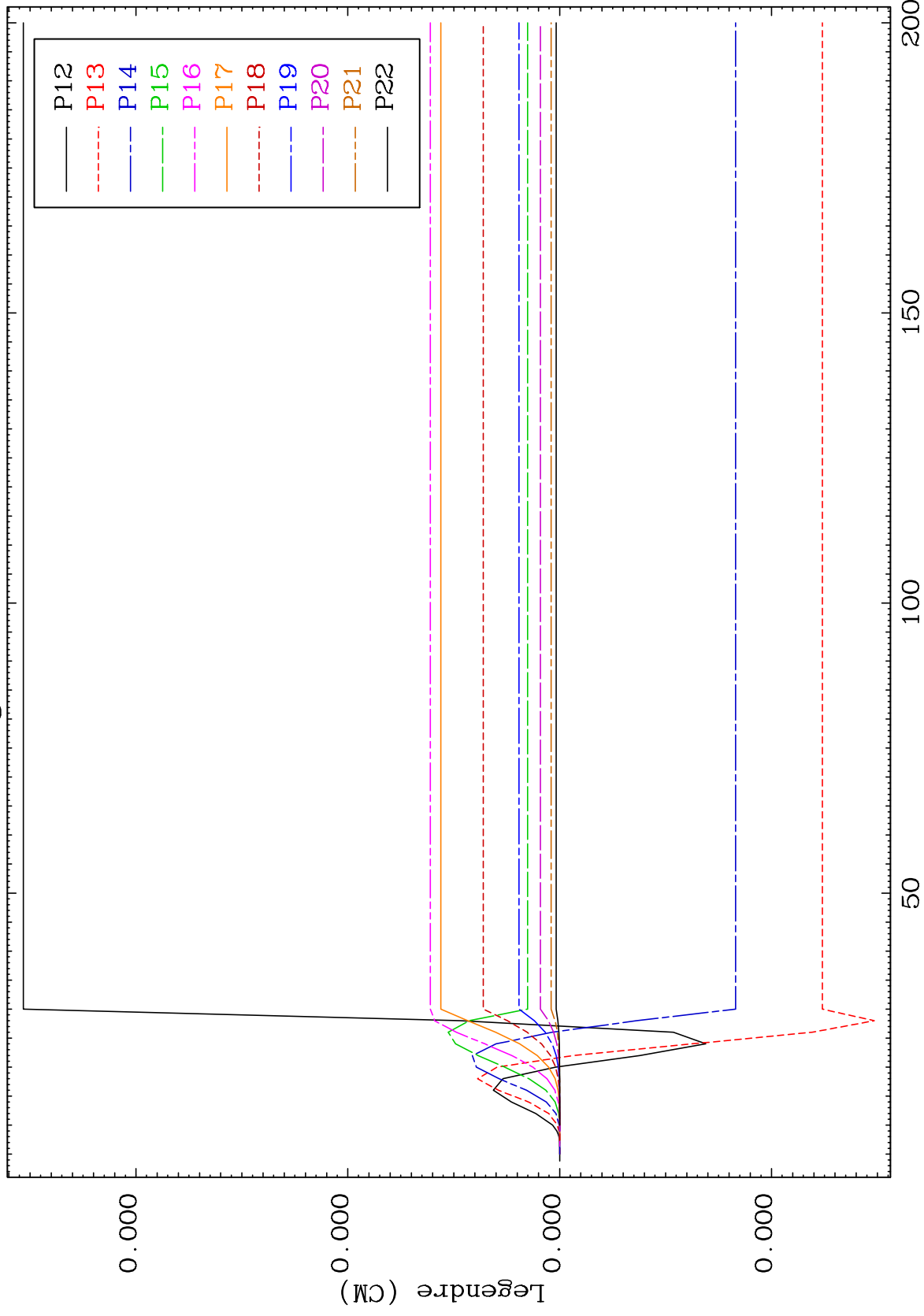
Incident Energy (MeV)

49

MAT 2731

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

27-Co-61



50

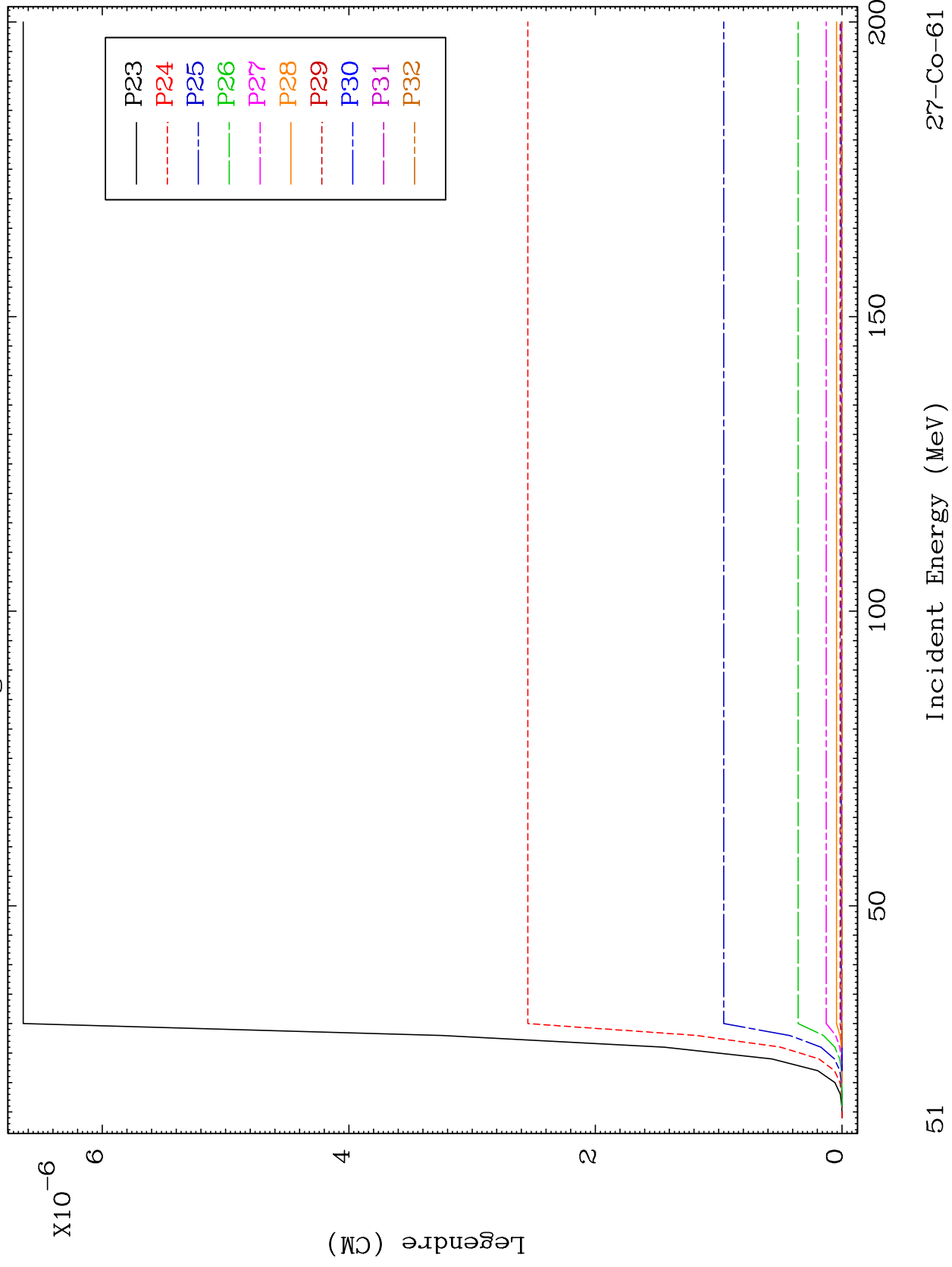
Incident Energy (MeV)

27-Co-61

MAT 2731

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

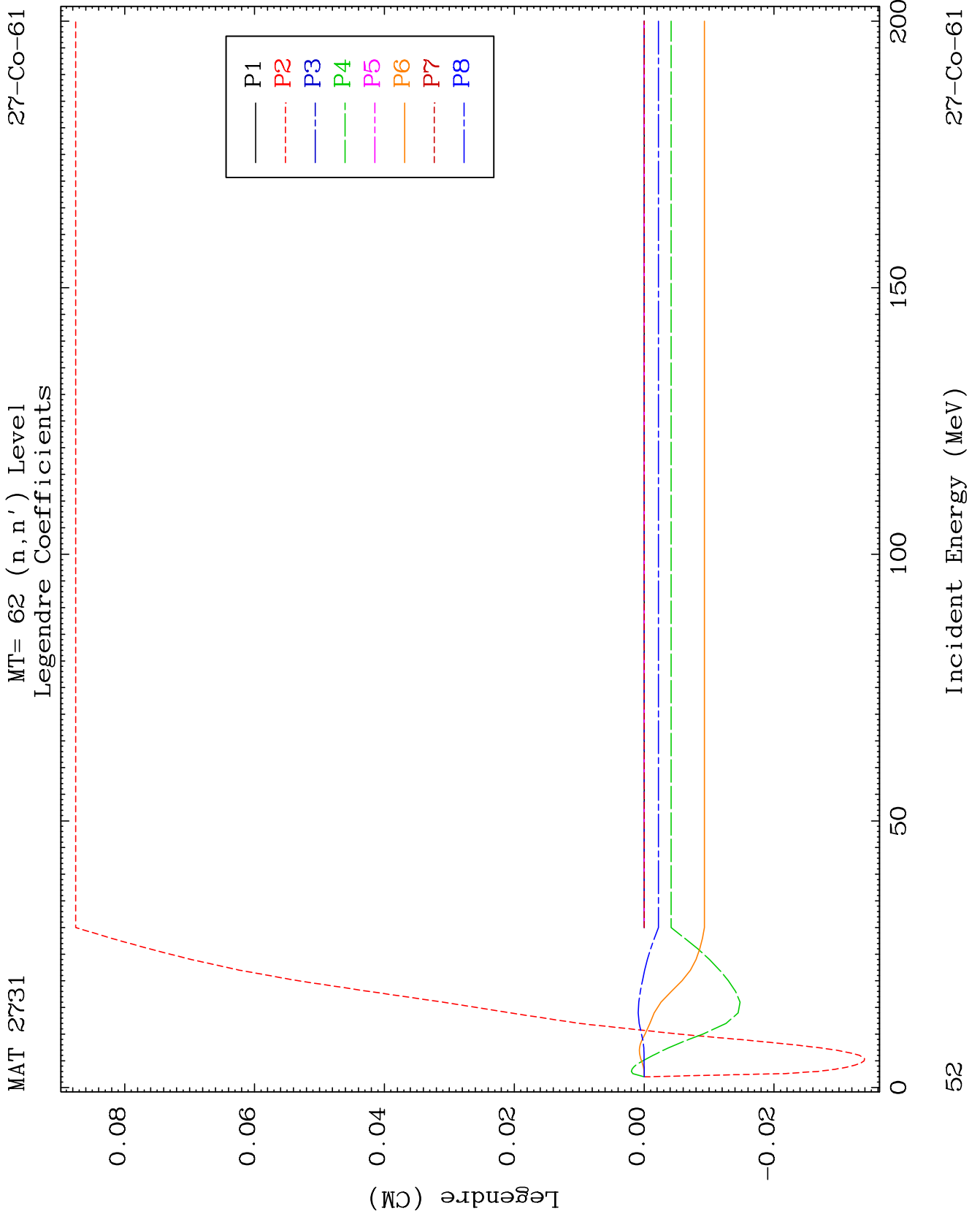
27-Co-61



51

Incident Energy (MeV)

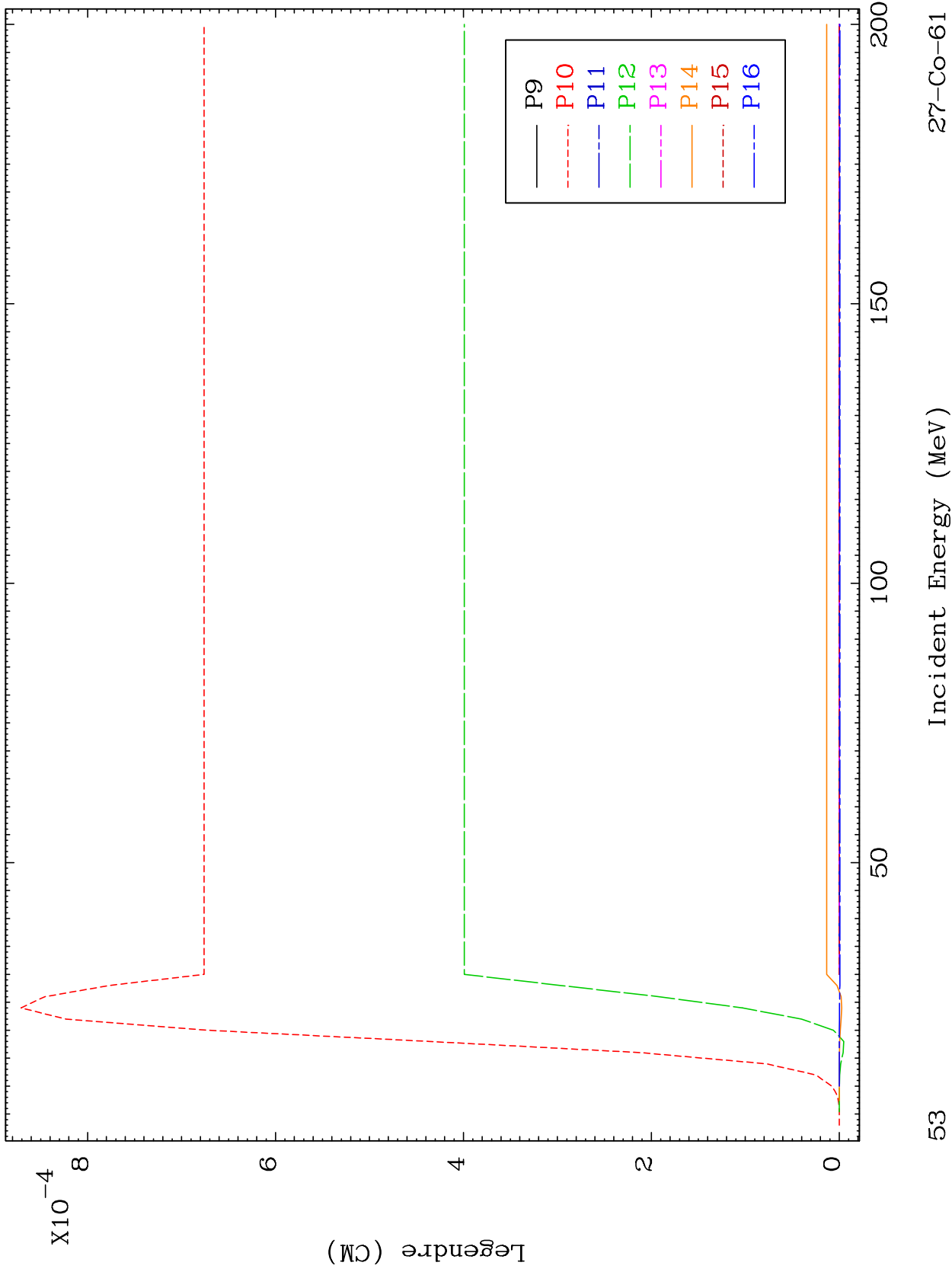
27-Co-61



MAT 2731

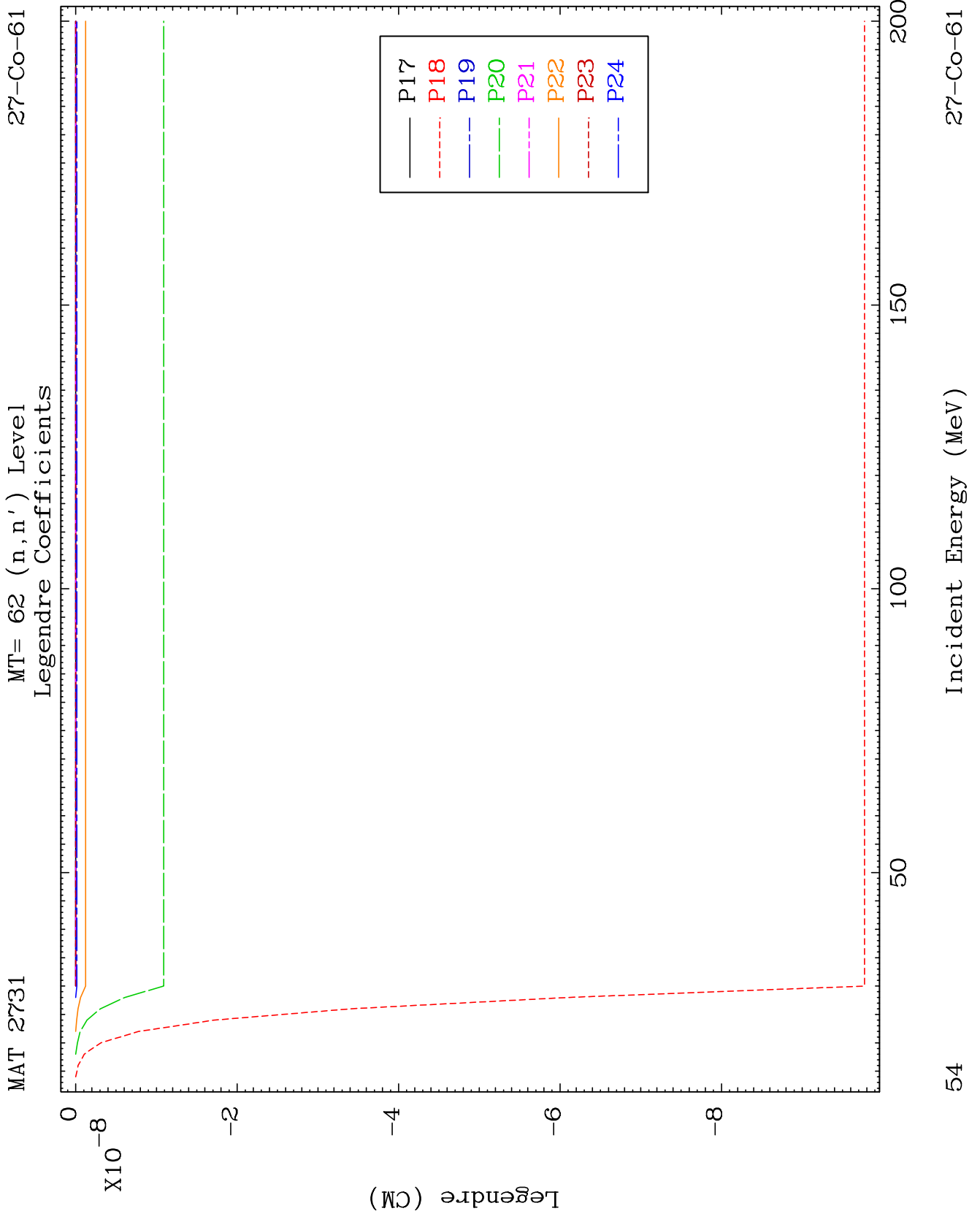
MT= 62 (n,n') Level
Legendre Coefficients

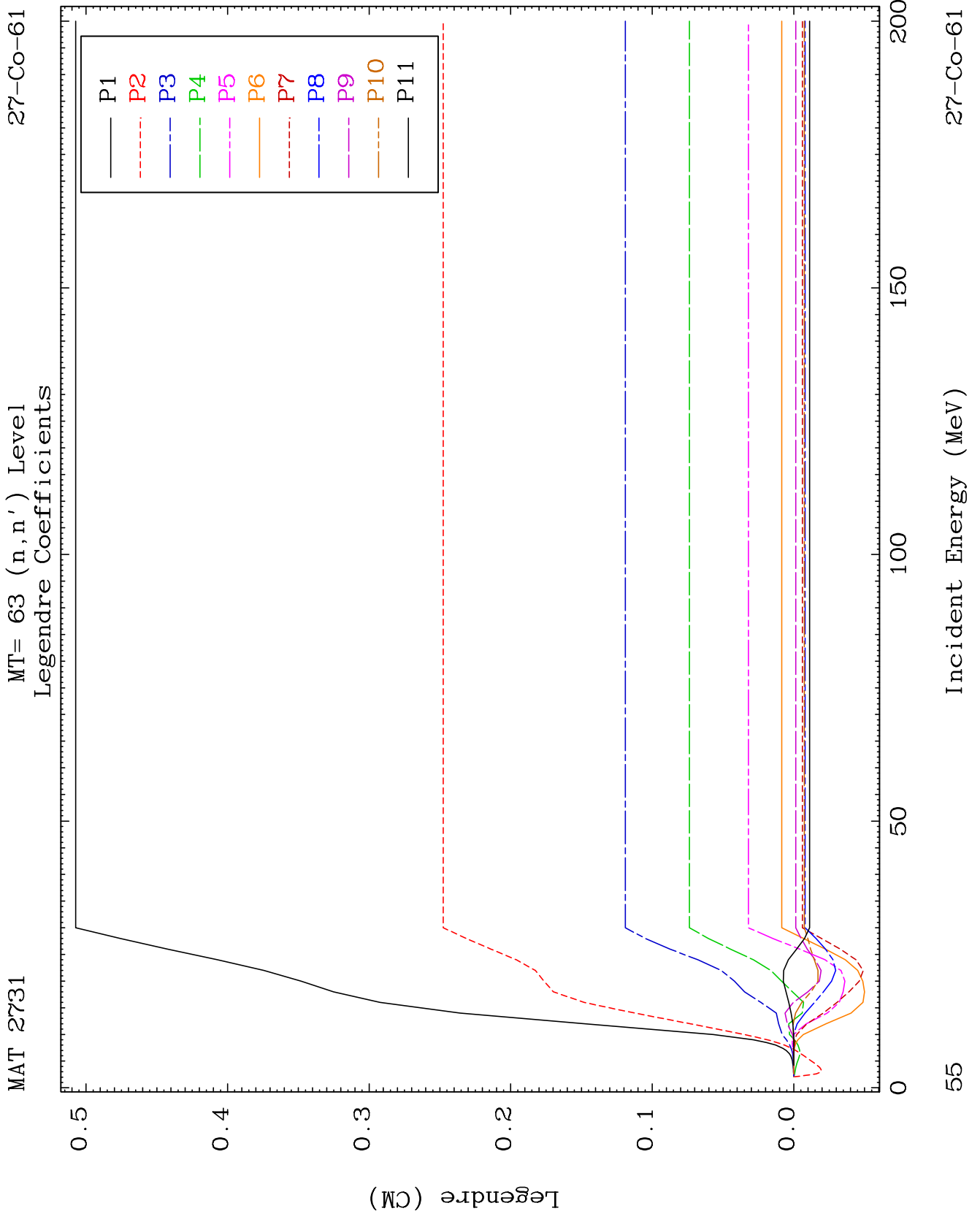
27-Co-61



53

27-Co-61

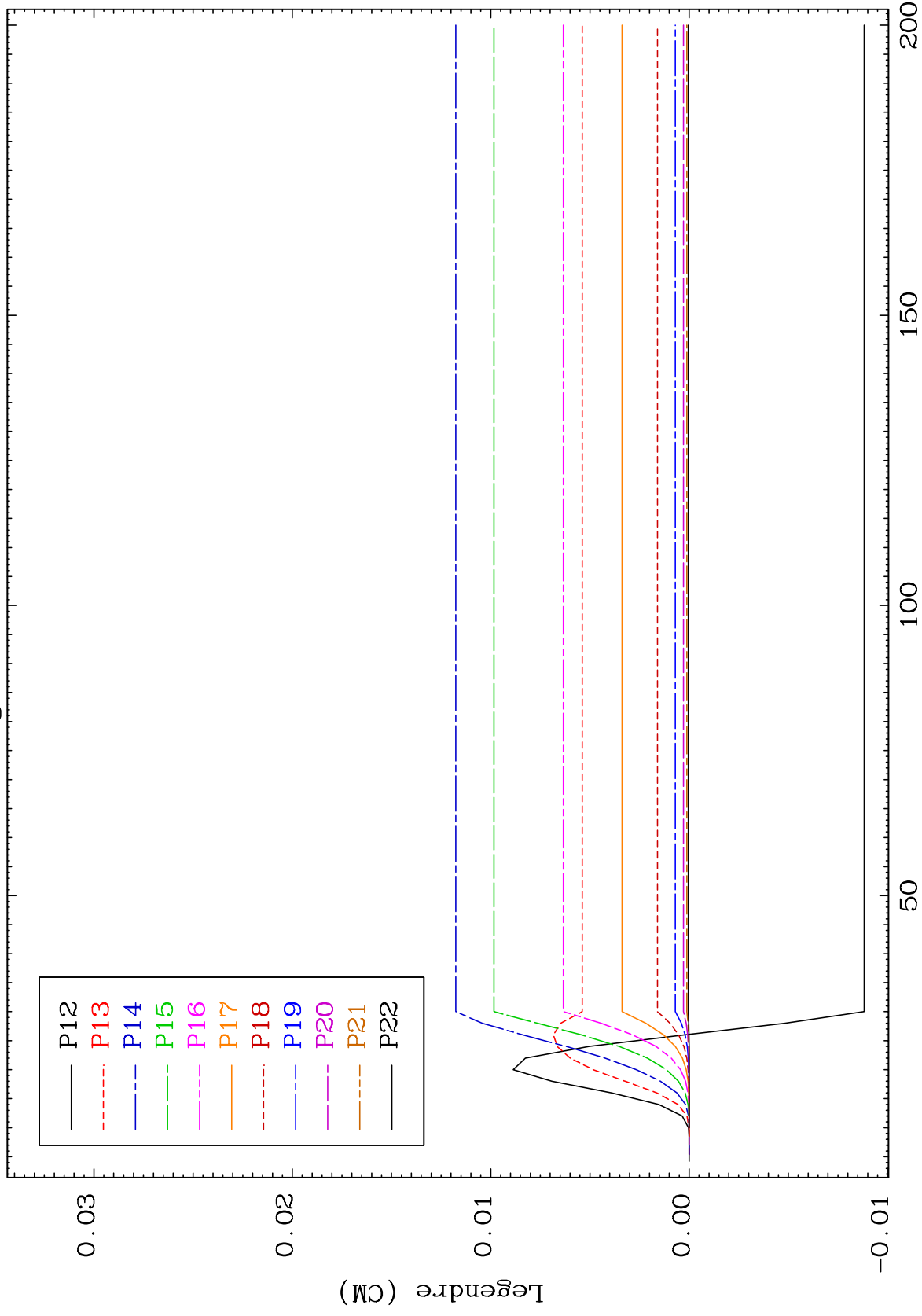




MAT 2731

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

27-Co-61



56

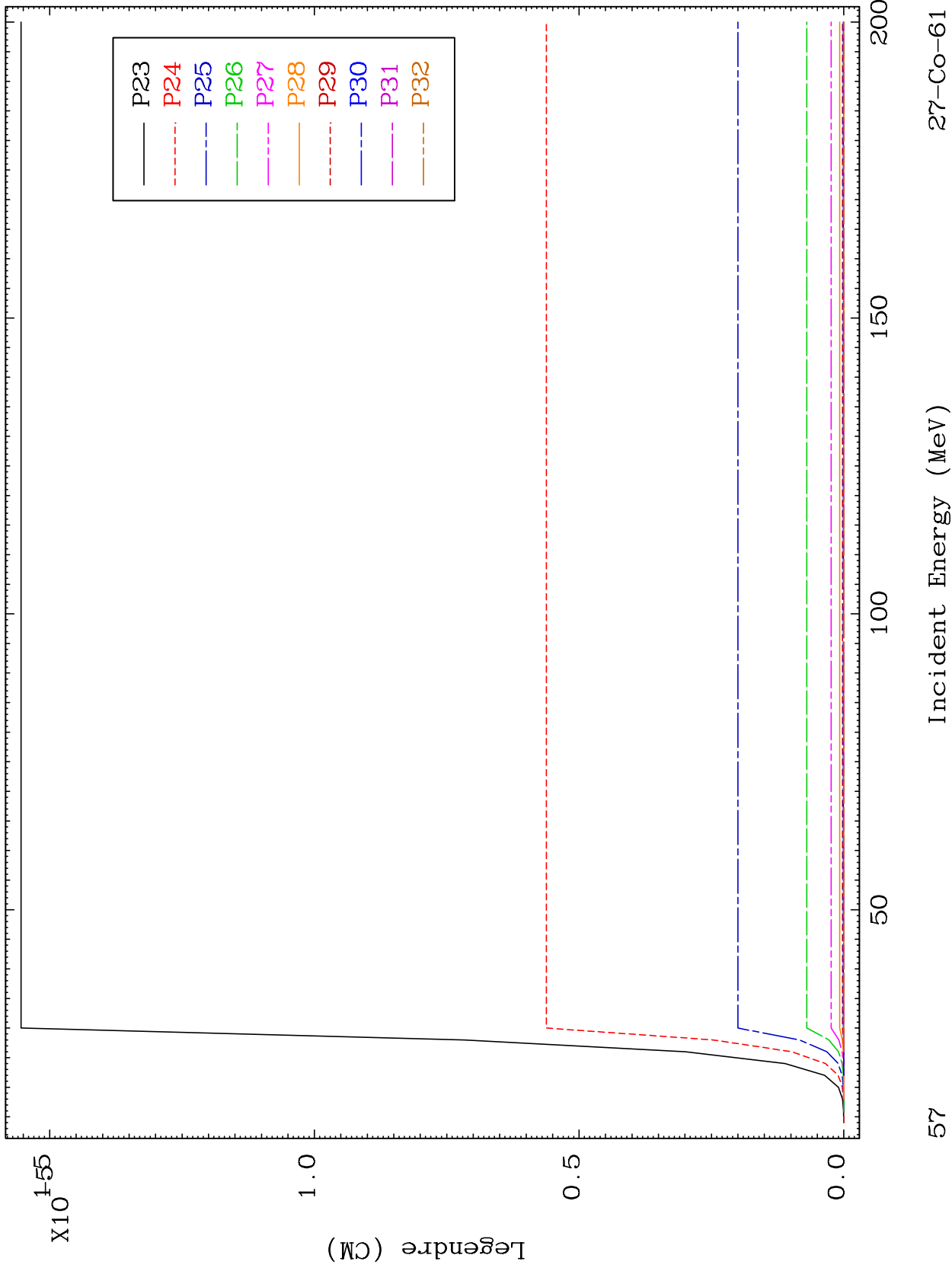
Incident Energy (MeV)

27-Co-61

MAT 2731

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

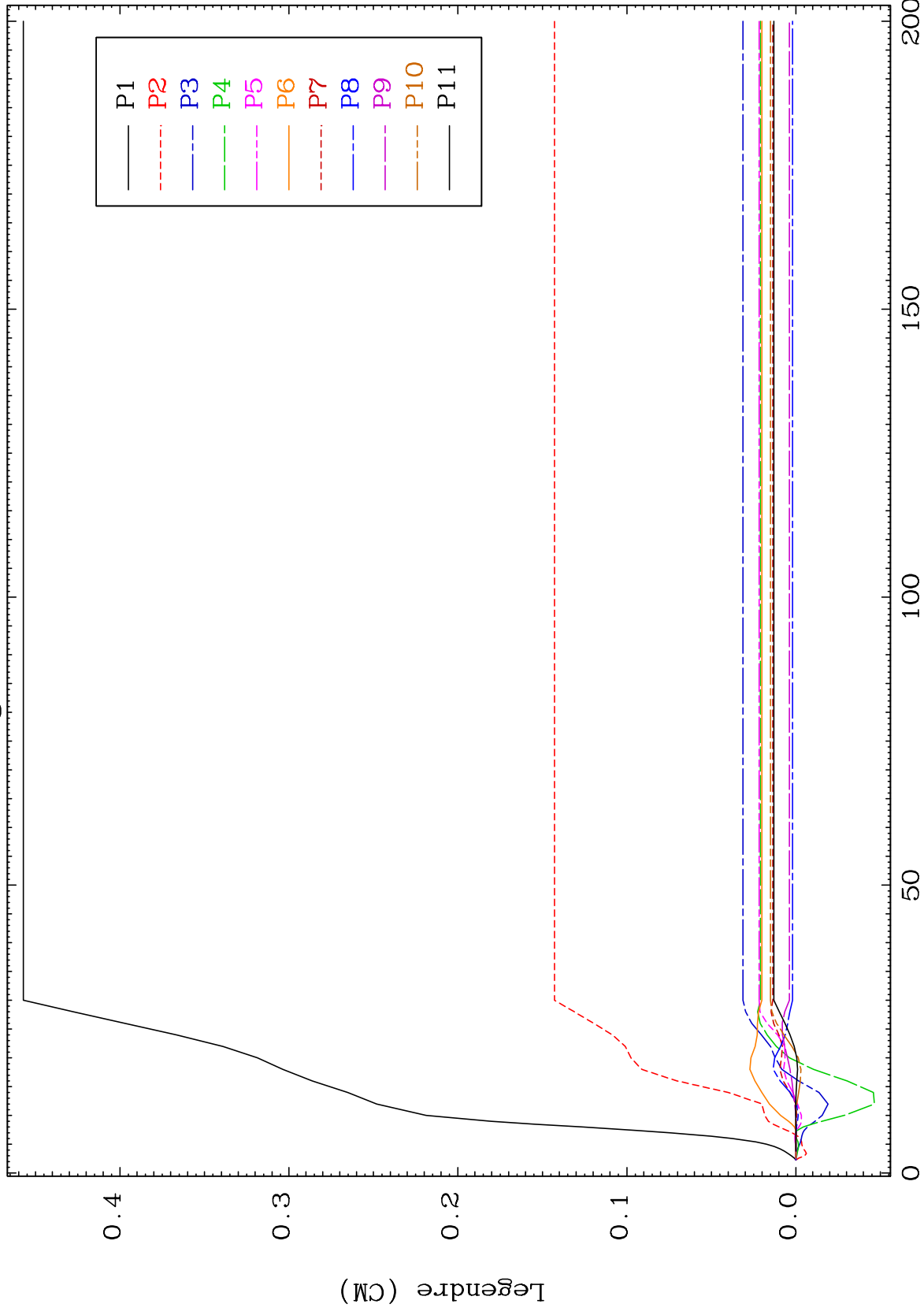
27-Co-61



MAT 2731

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

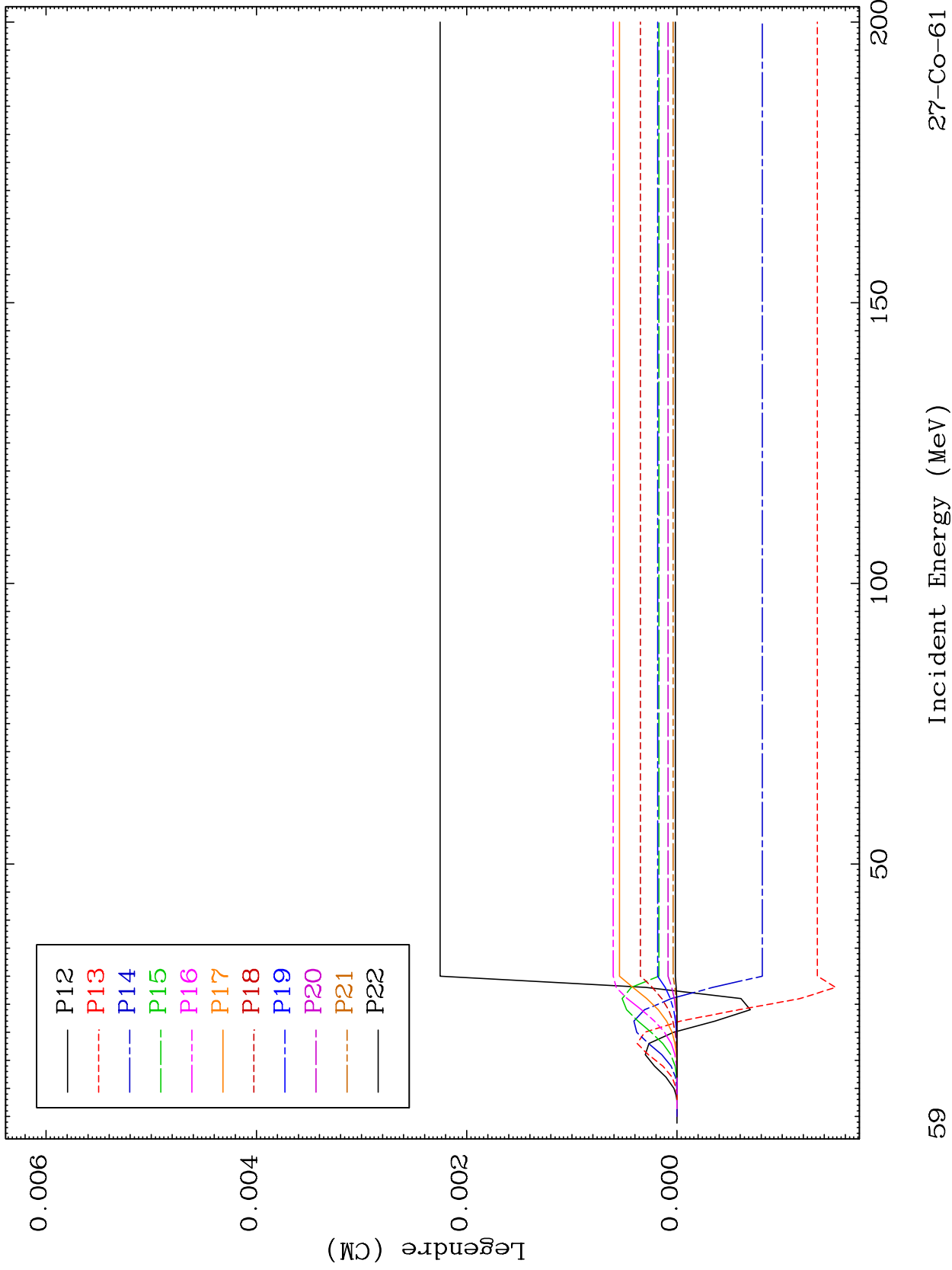
27-Co-61



58

Incident Energy (MeV)

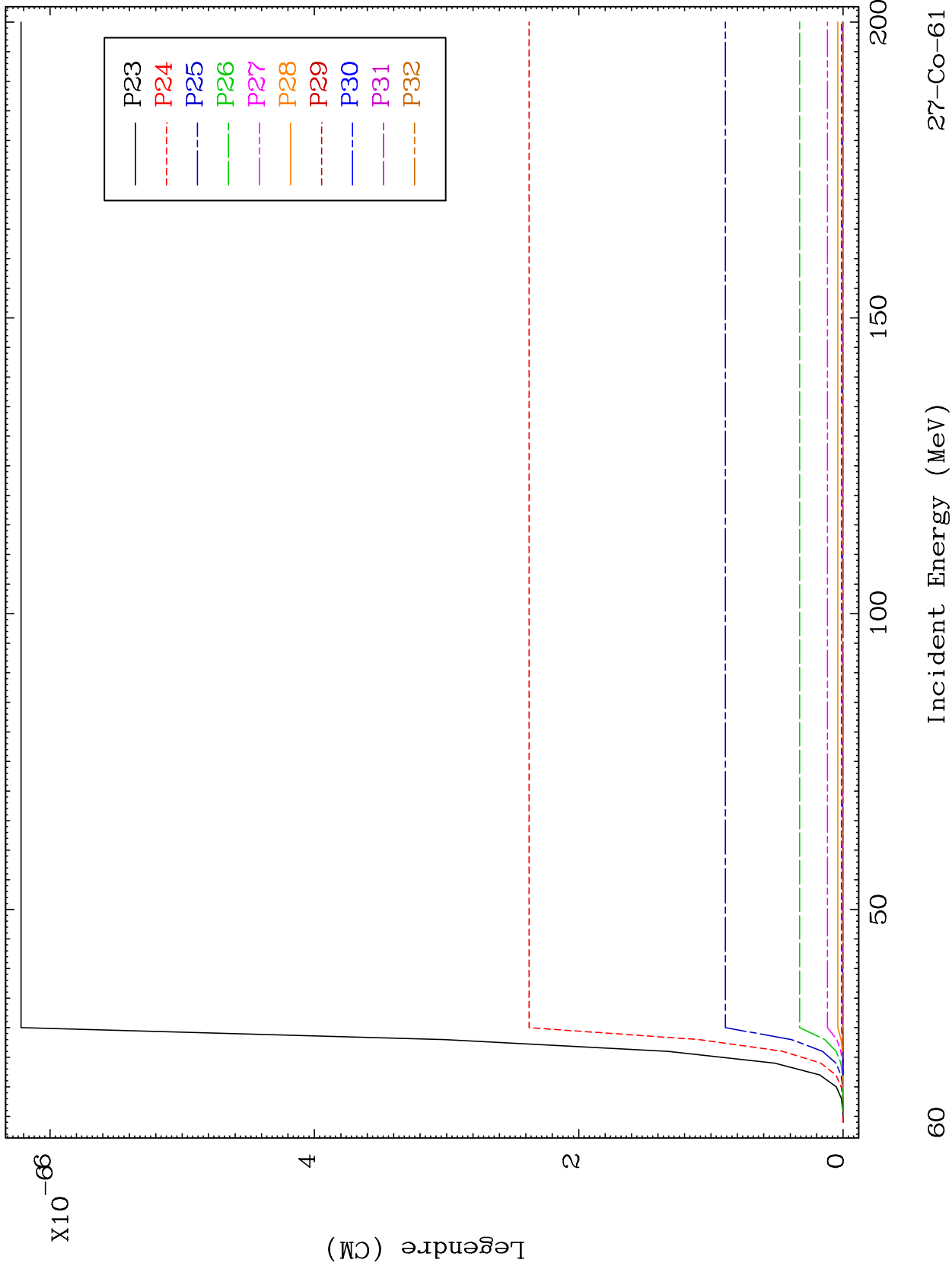
27-Co-61



MAT 2731

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

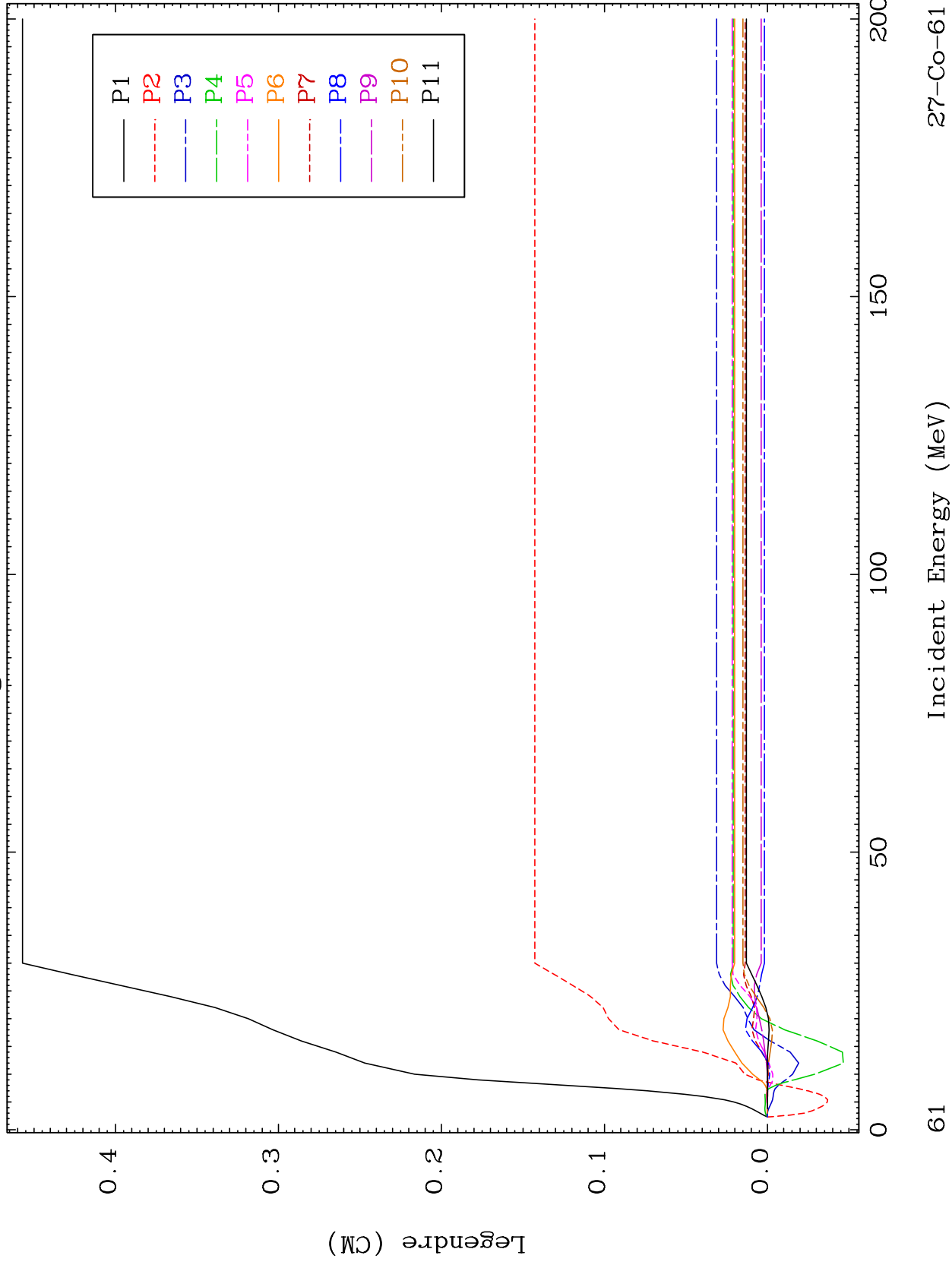
27-Co-61



MAT 2731

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

27-Co-61



27-Co-61

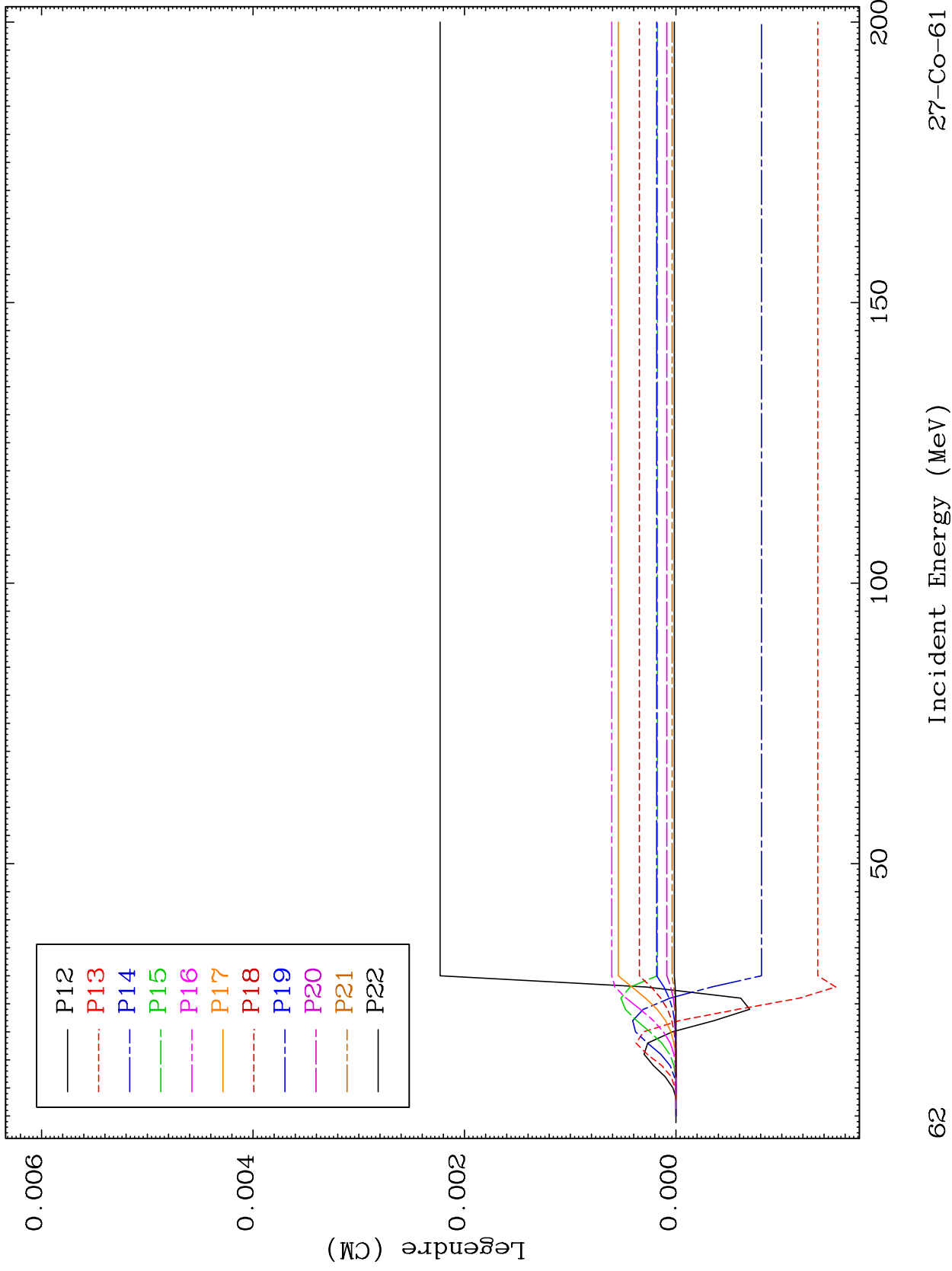
Incident Energy (MeV)

61

MAT 2731

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

27-Co-61



62

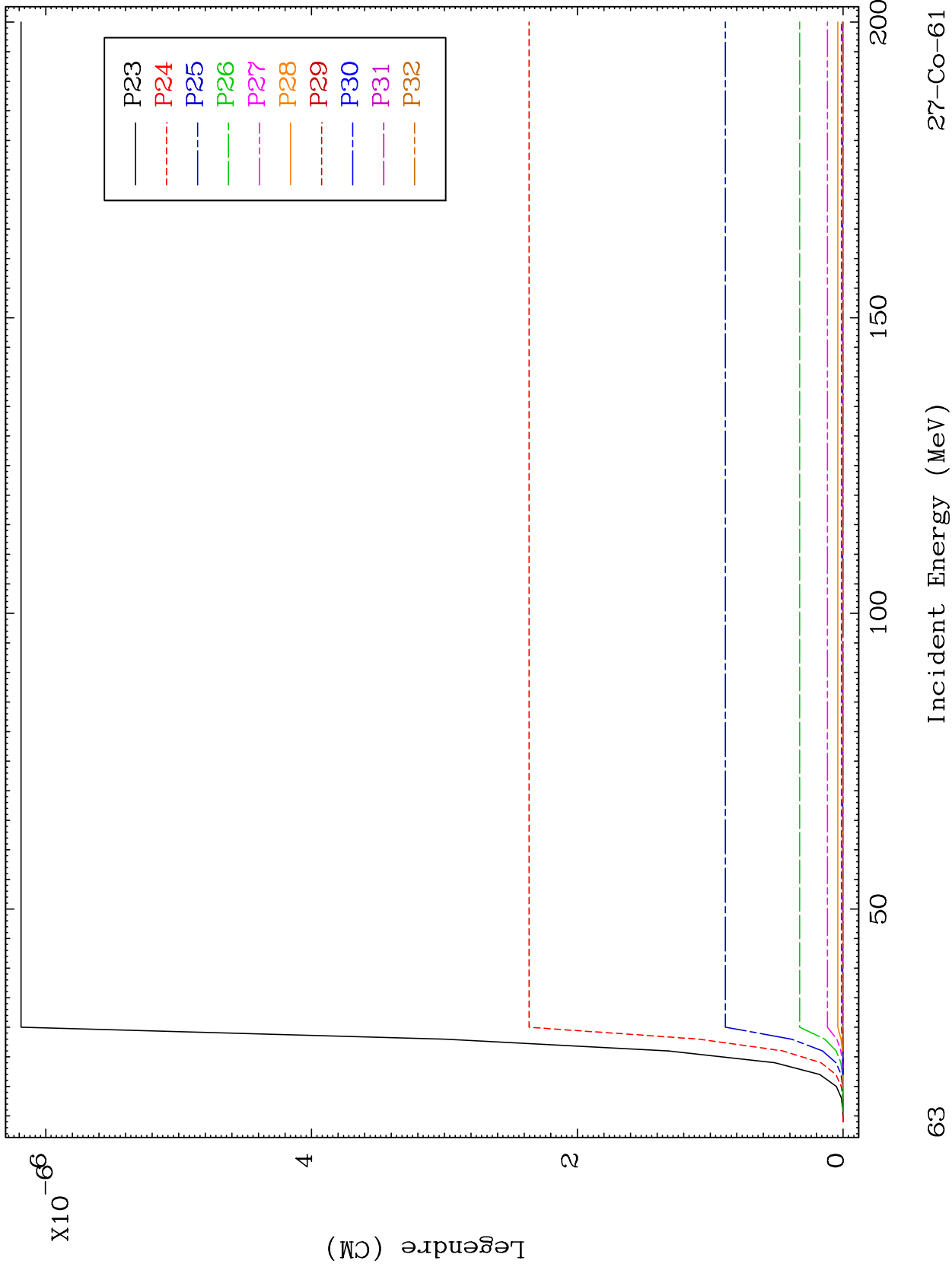
Incident Energy (MeV)

27-Co-61

MAT 2731

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

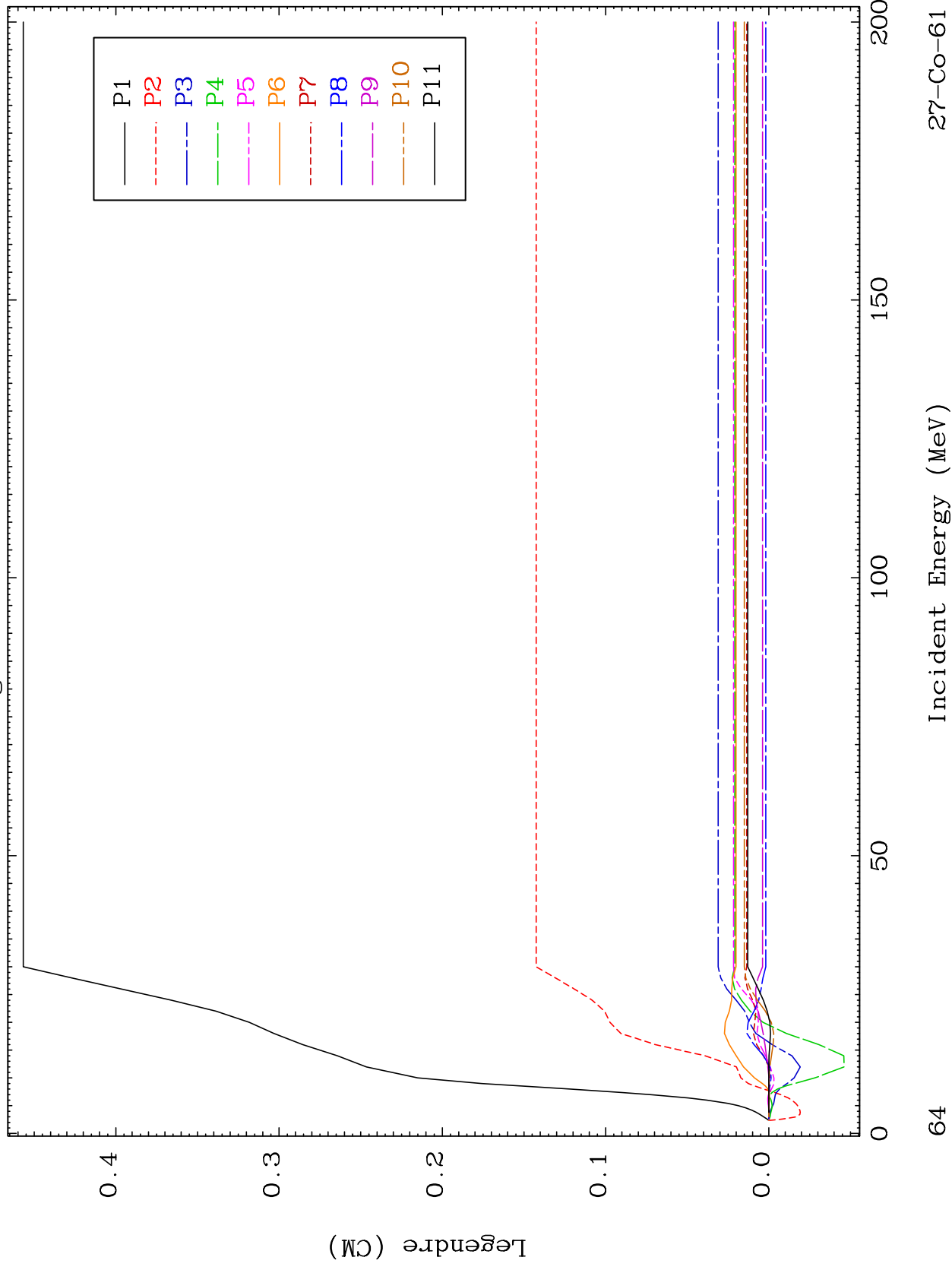
27-Co-61



MAT 2731

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

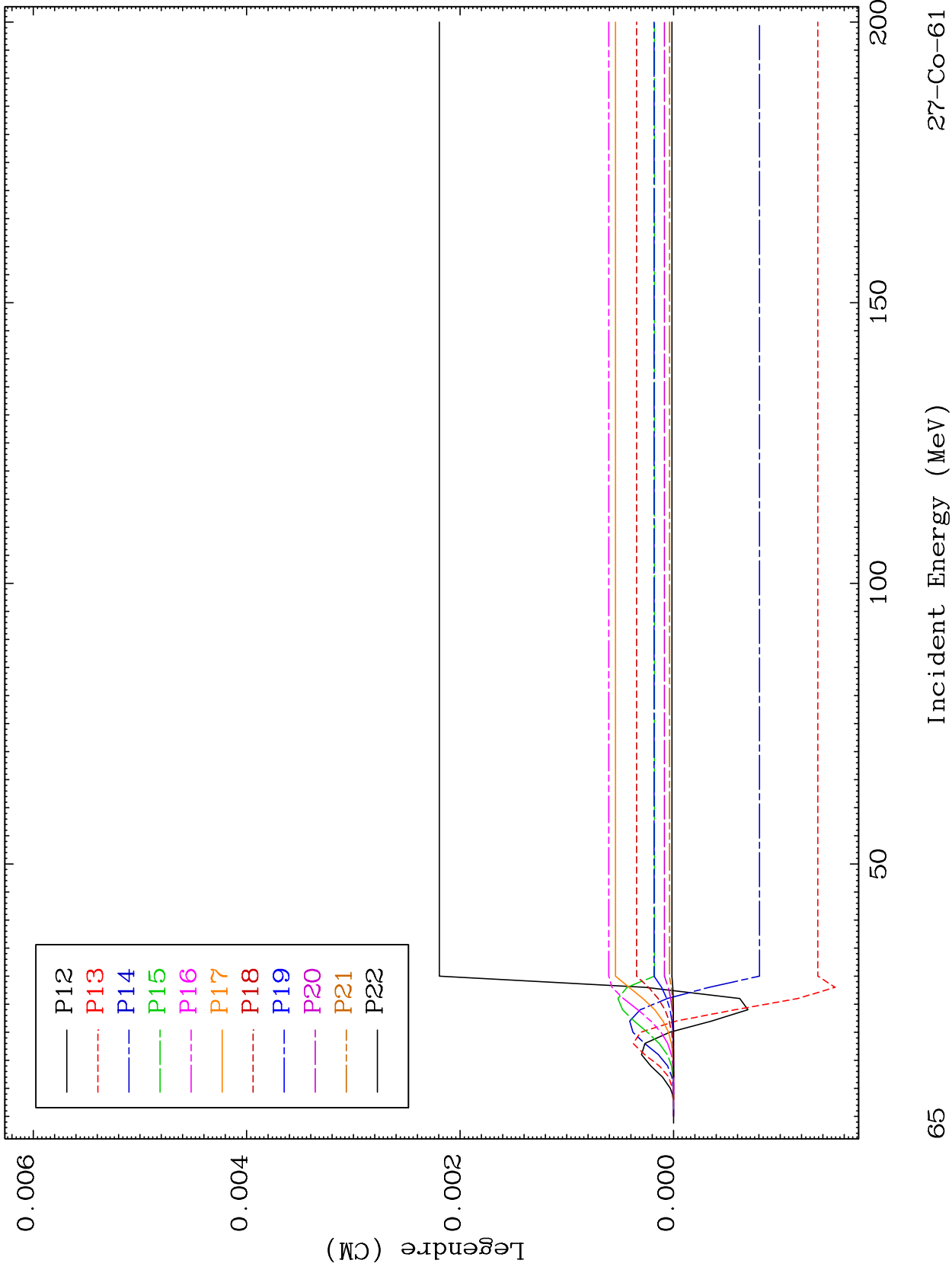
27-Co-61



MAT 2731

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

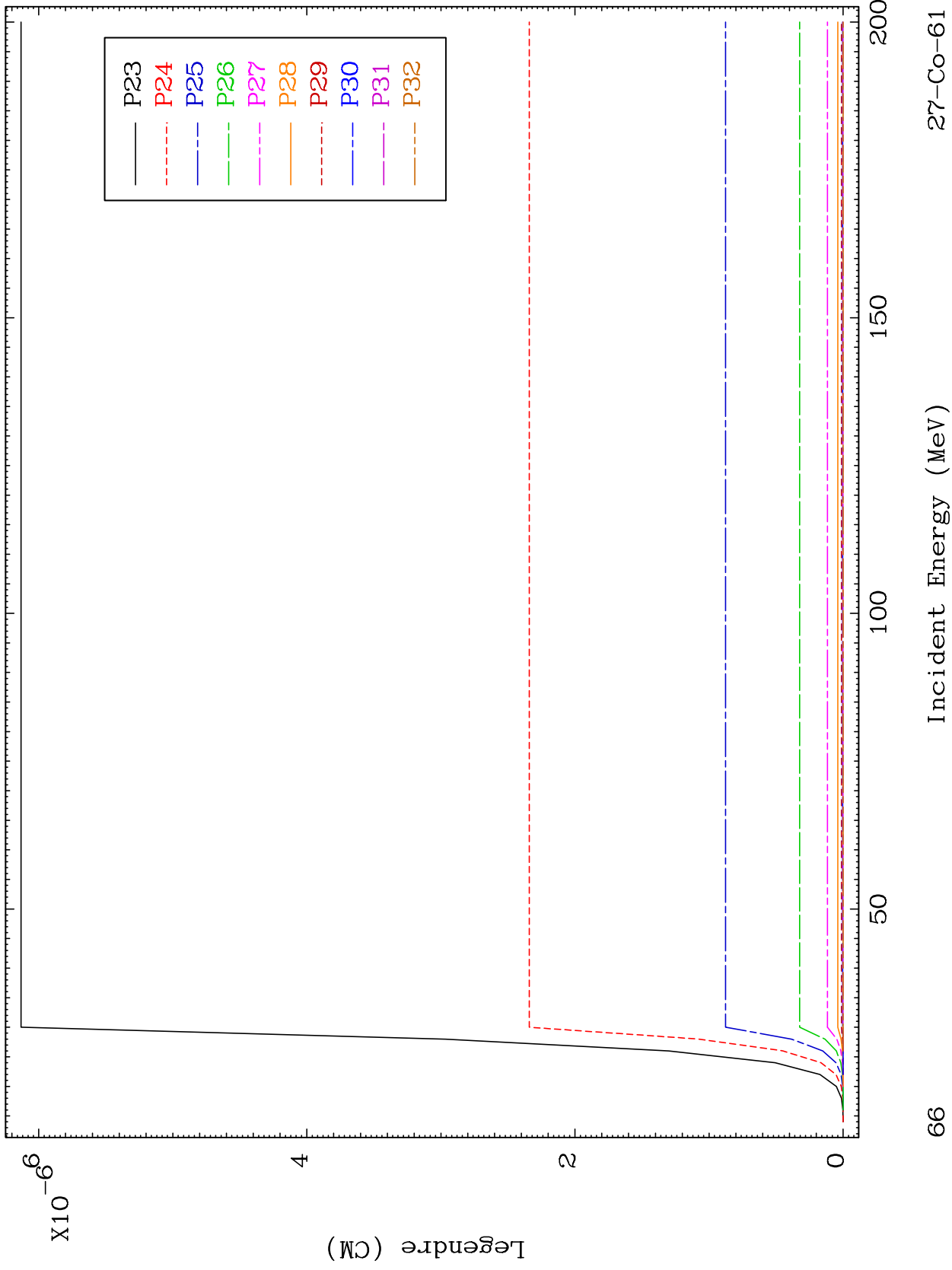
27-Co-61



MAT 2731

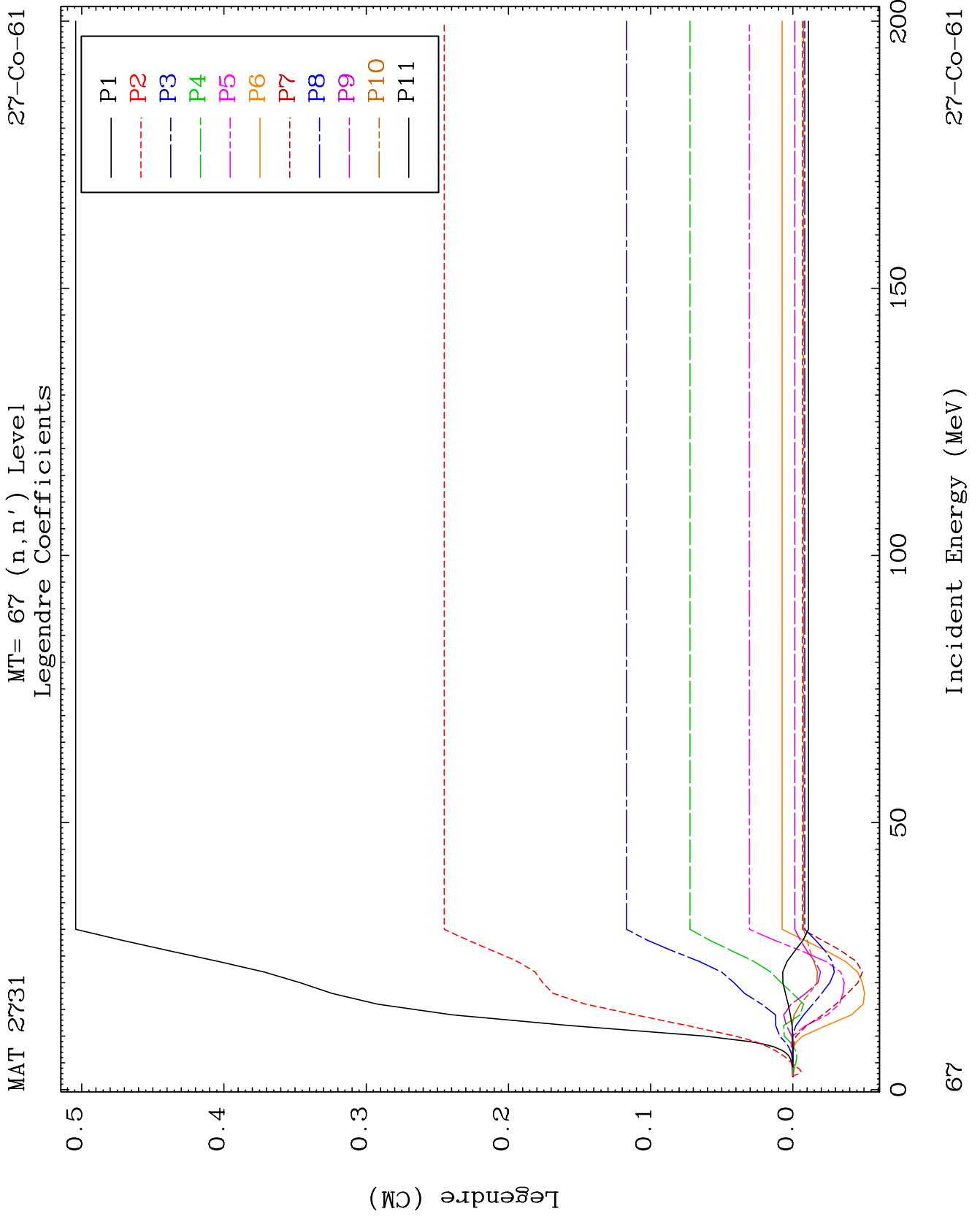
MT= 66 (n,n') Level
Legendre Coefficients

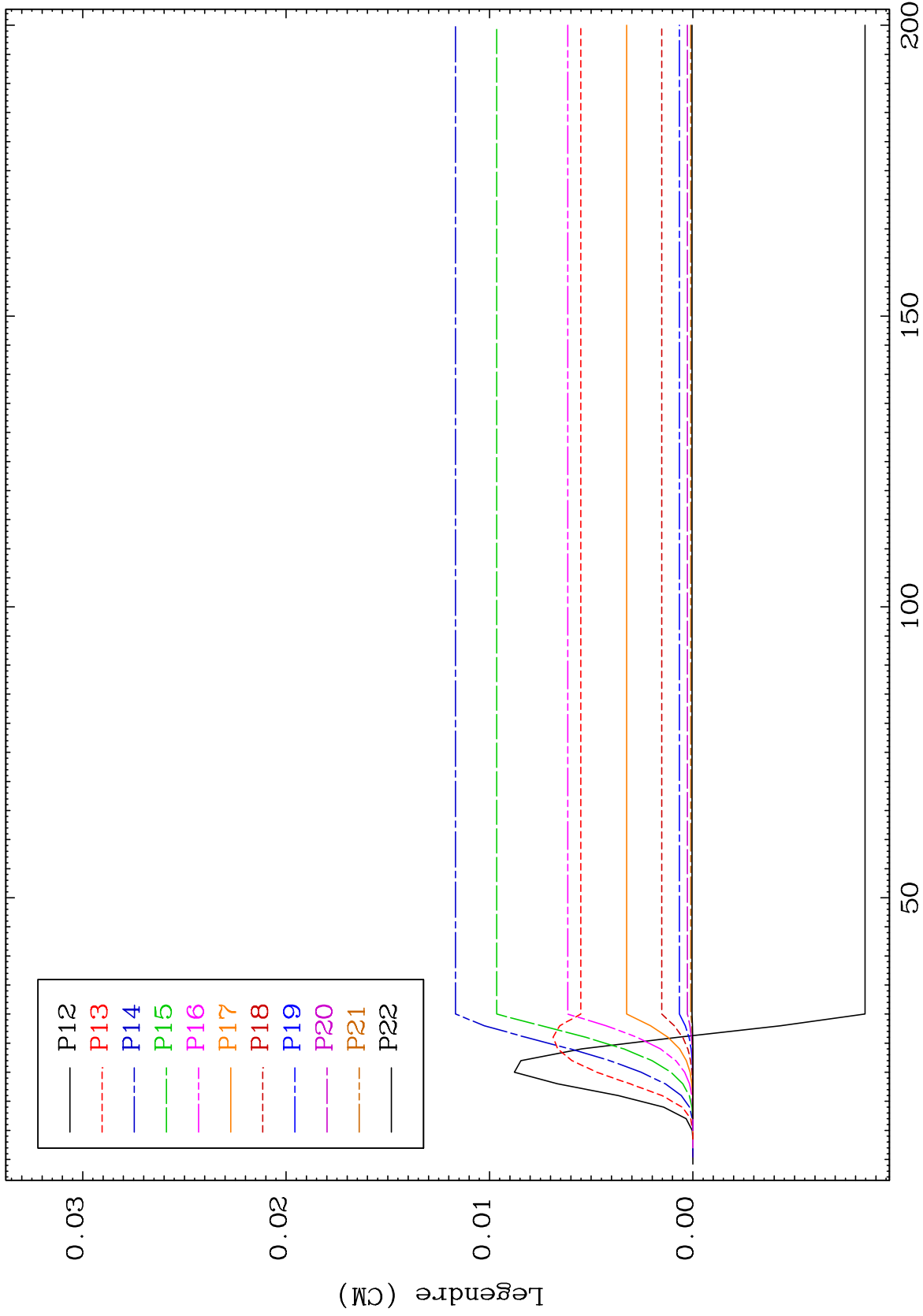
27-Co-61



66

27-Co-61

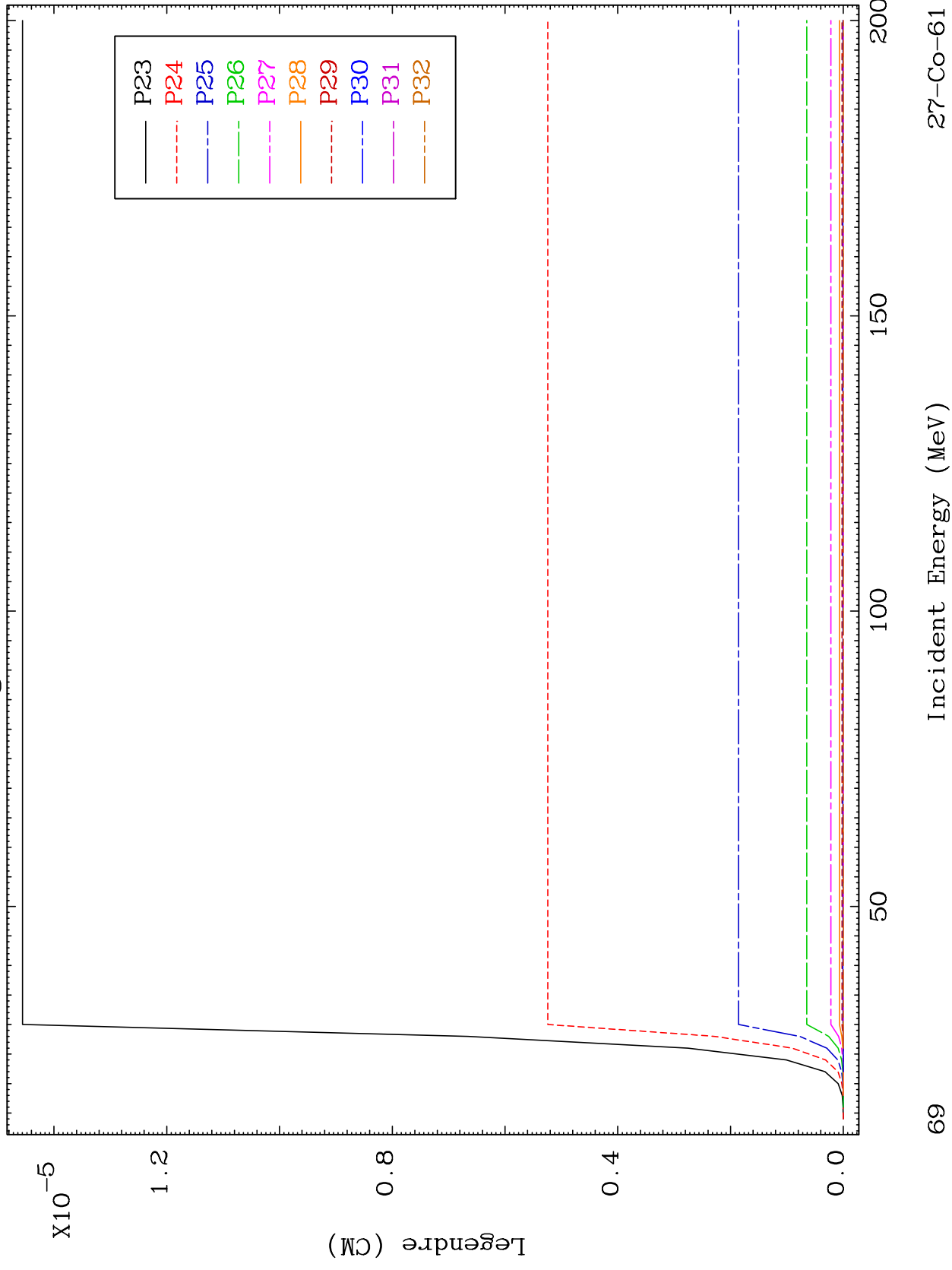




MAT 2731

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

27-Co-61



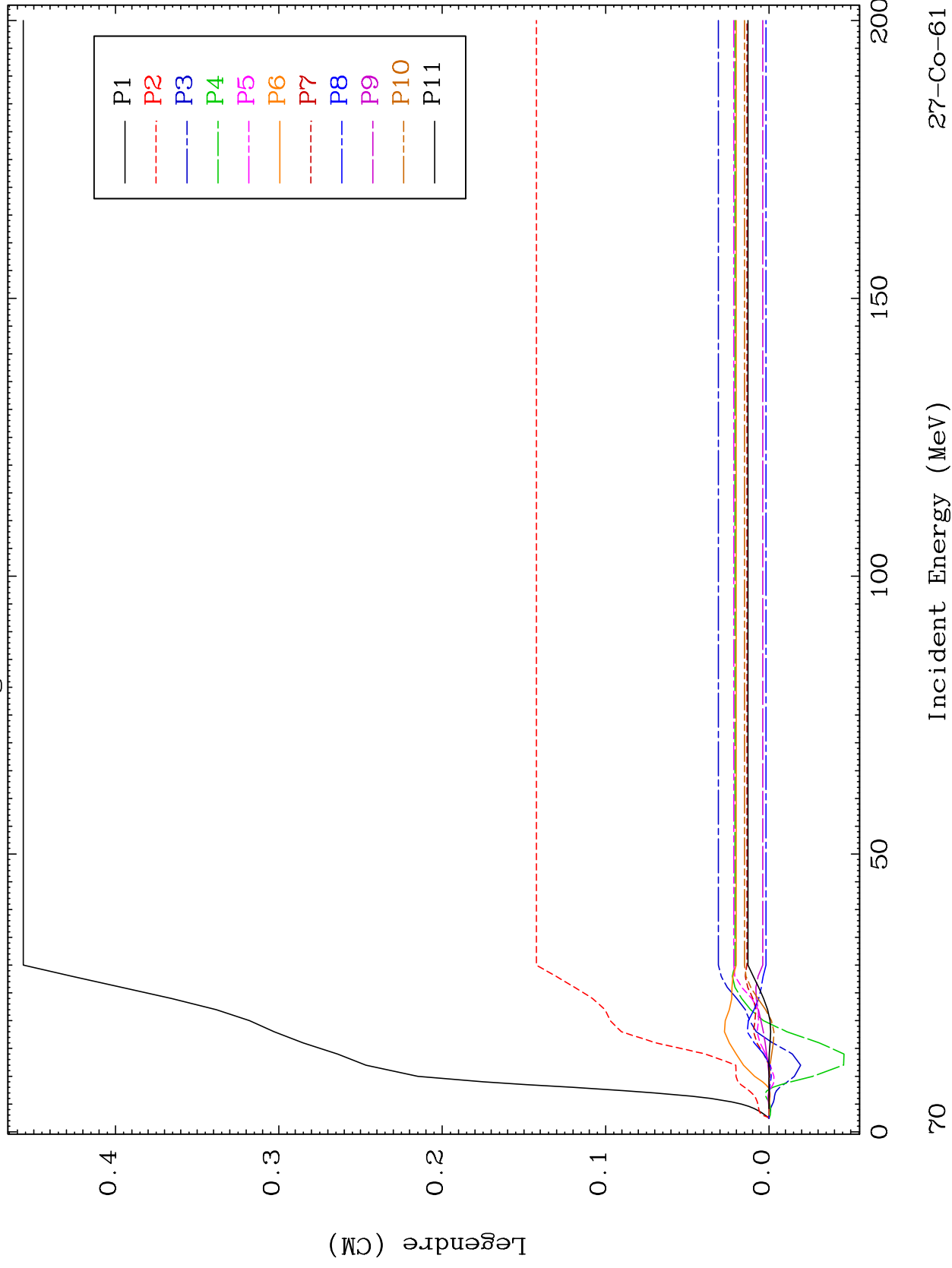
69

27-Co-61

MAT 2731

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

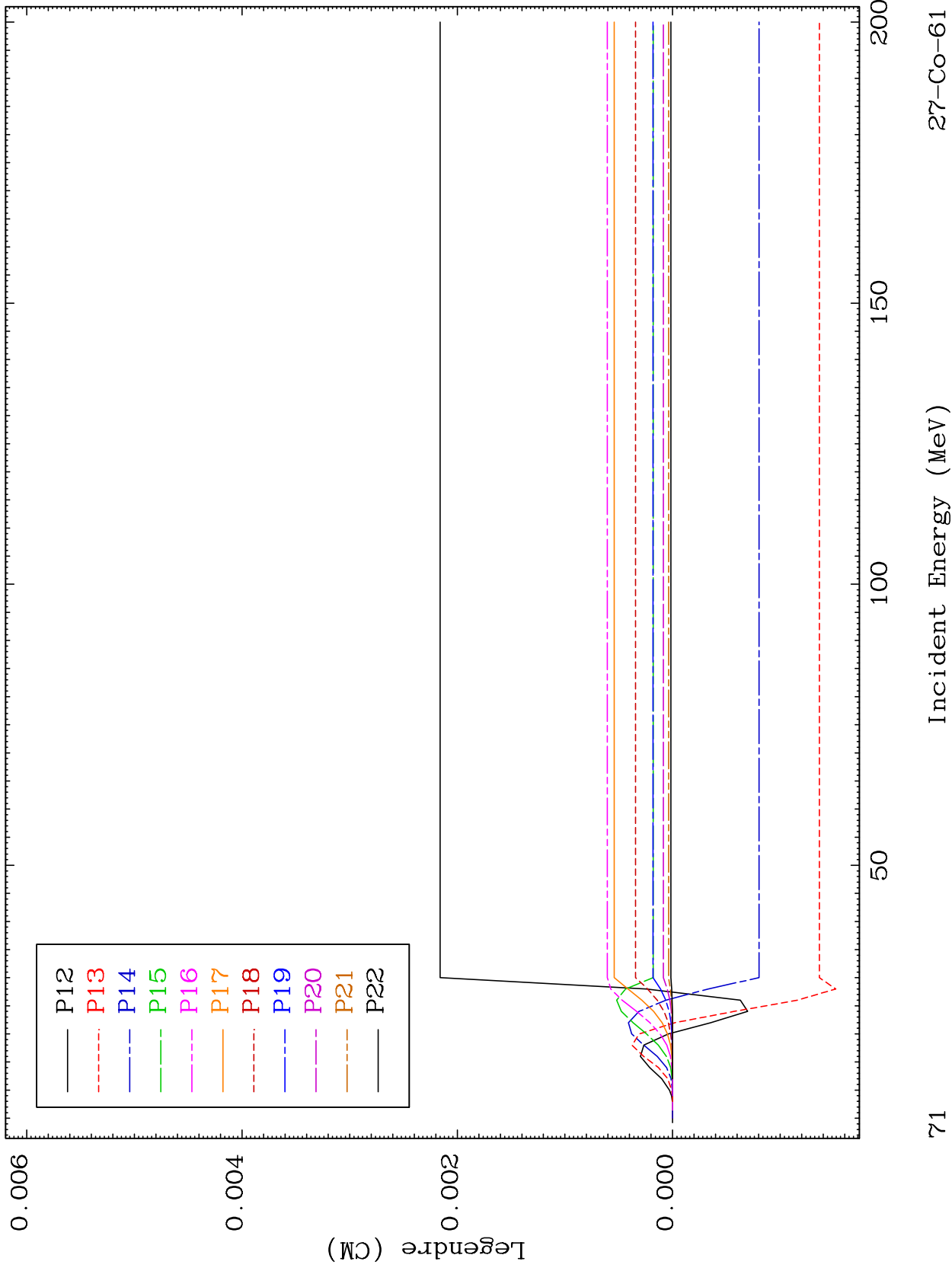
27-Co-61



MAT 2731

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

27-Co-61



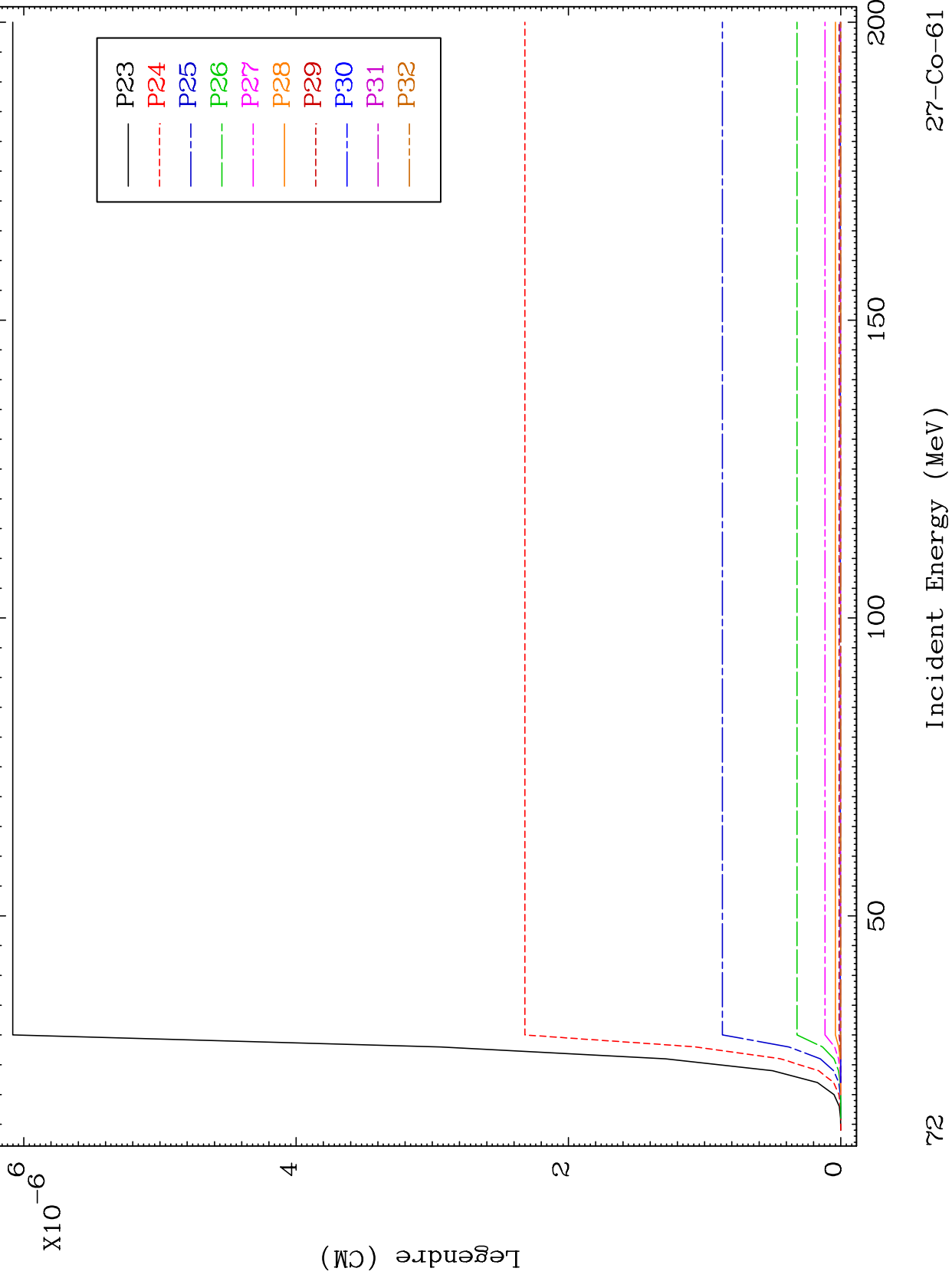
71

27-Co-61

MAT 2731

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

27-Co-61



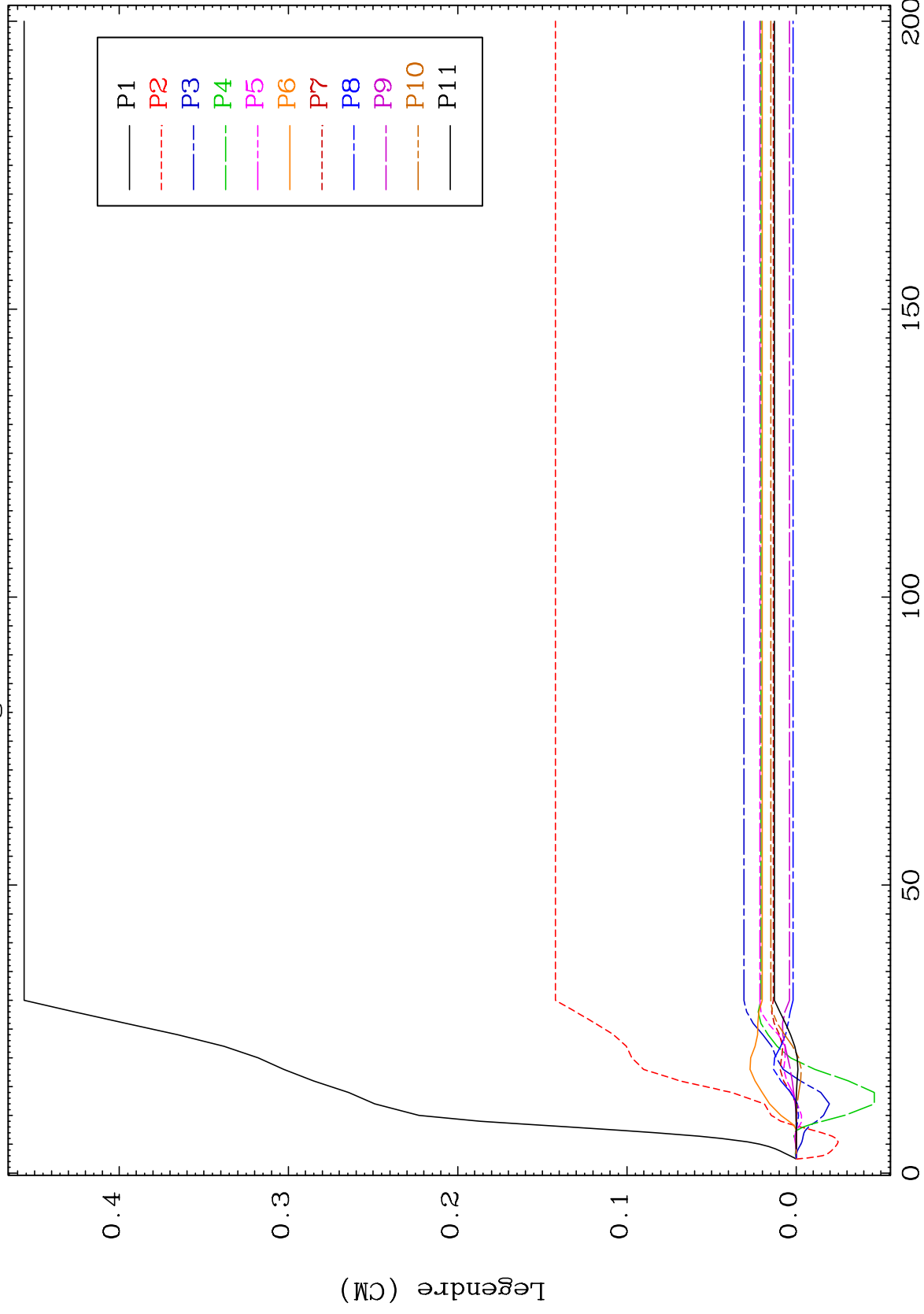
72

27-Co-61

MAT 2731

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

27-Co-61



73

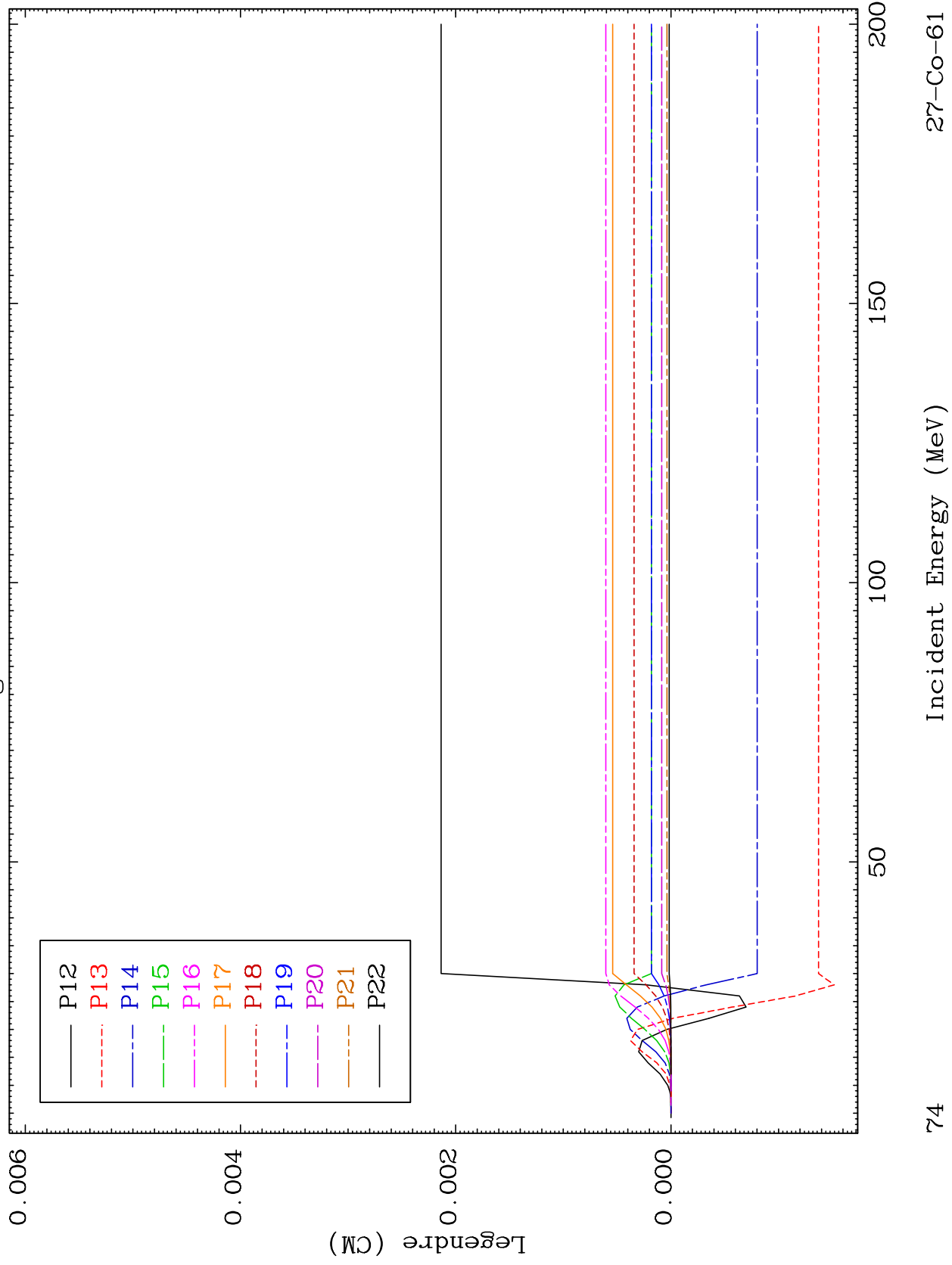
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61

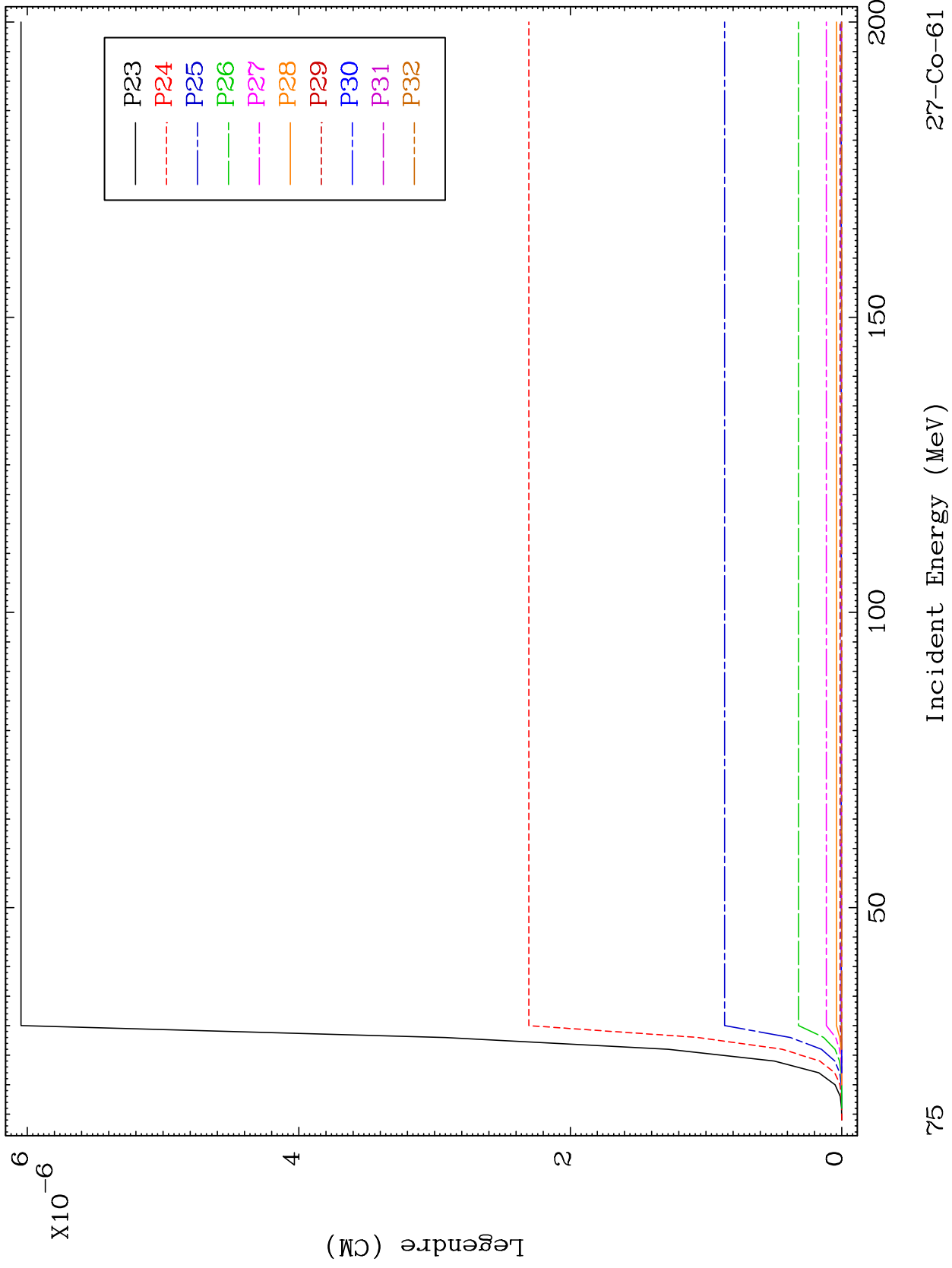


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MAT 2731

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

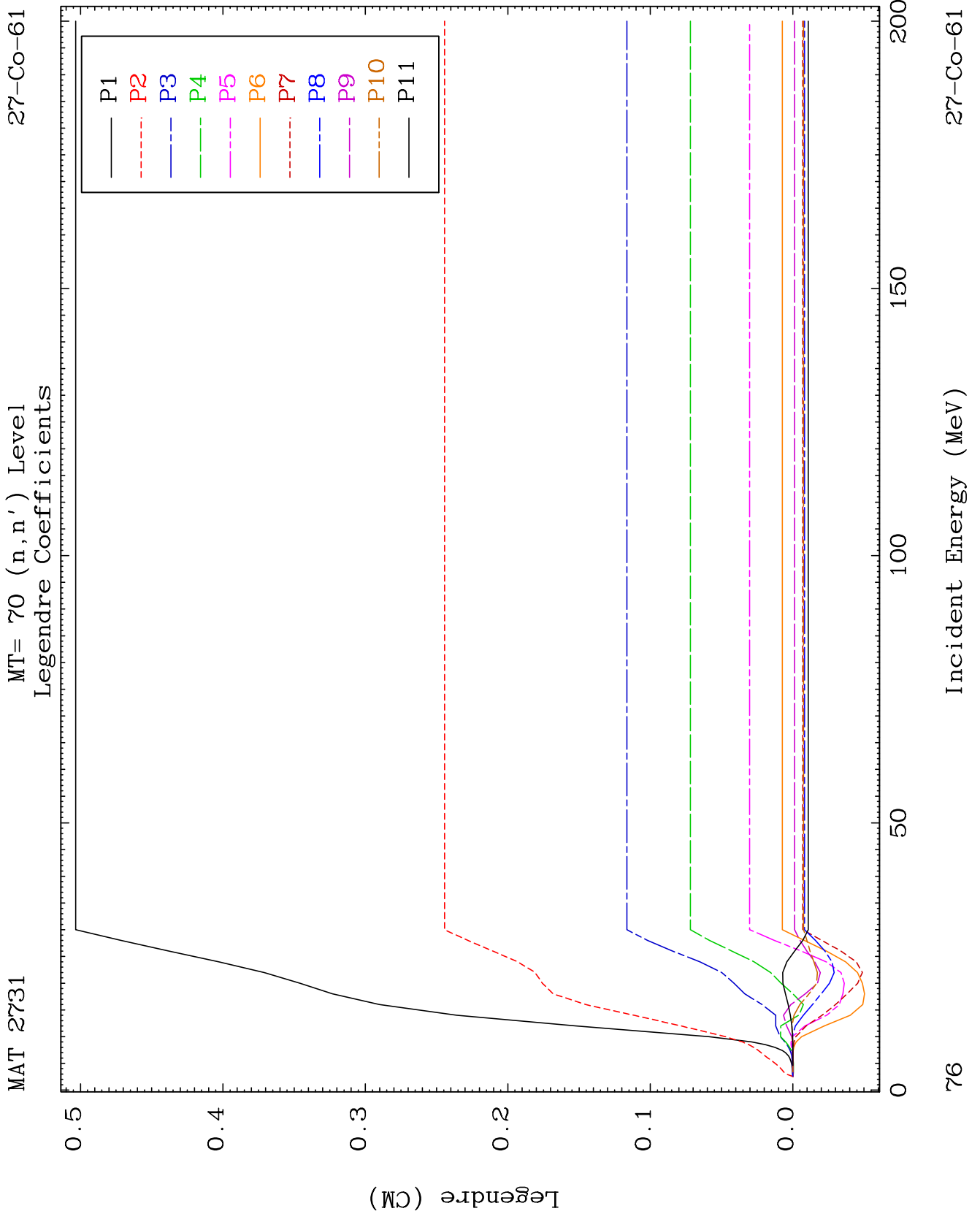
27-Co-61



75

Incident Energy (MeV)

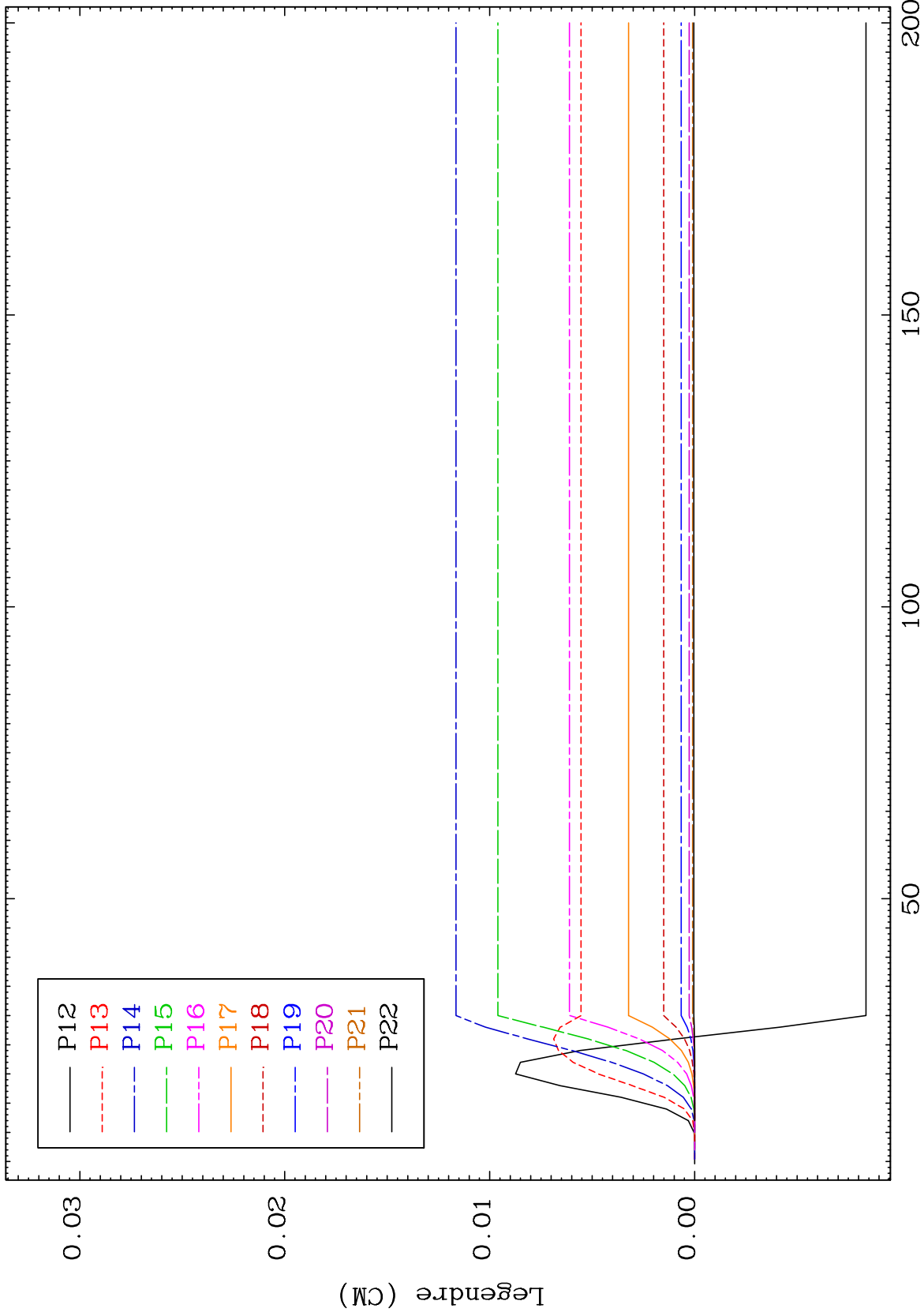
27-Co-61

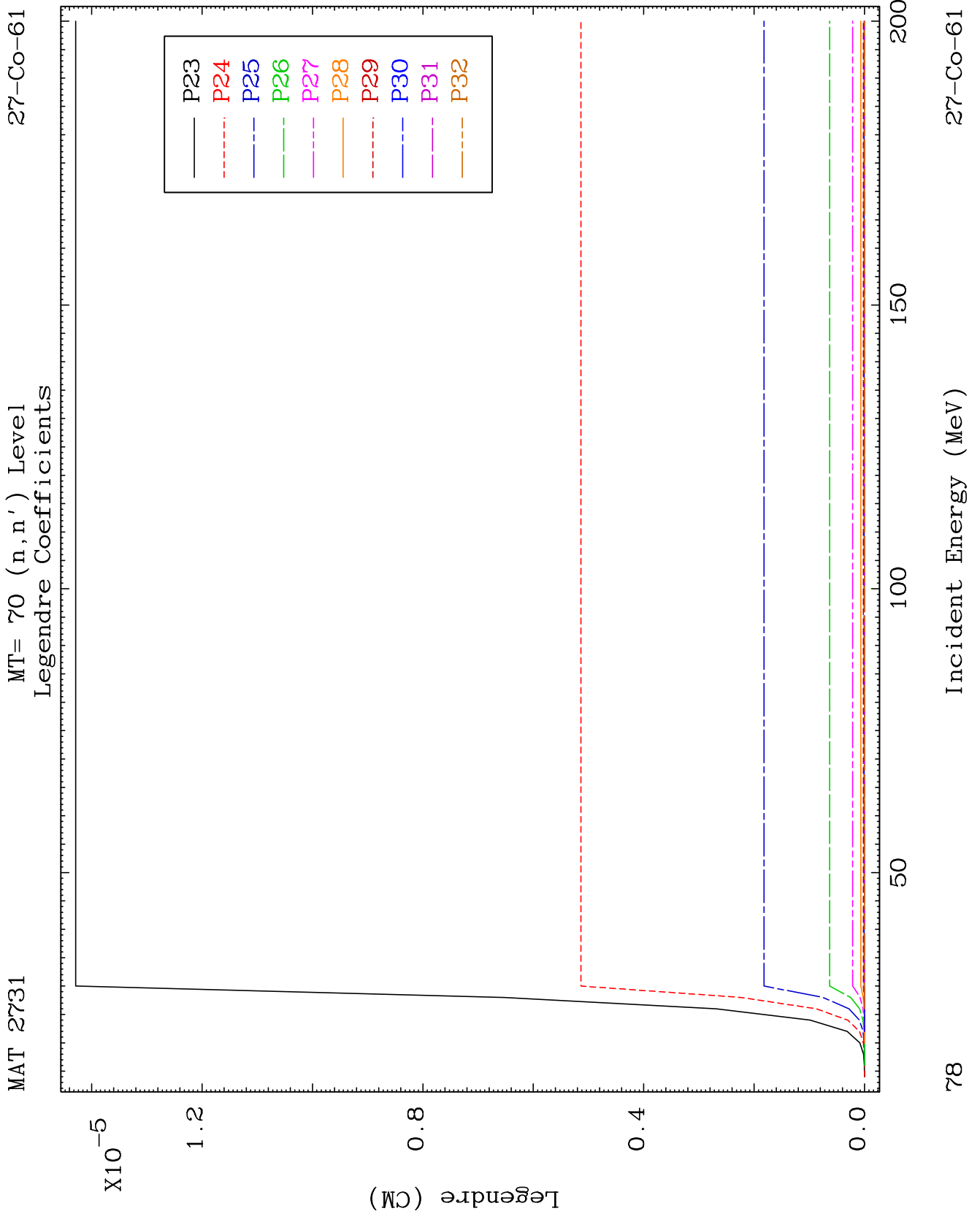


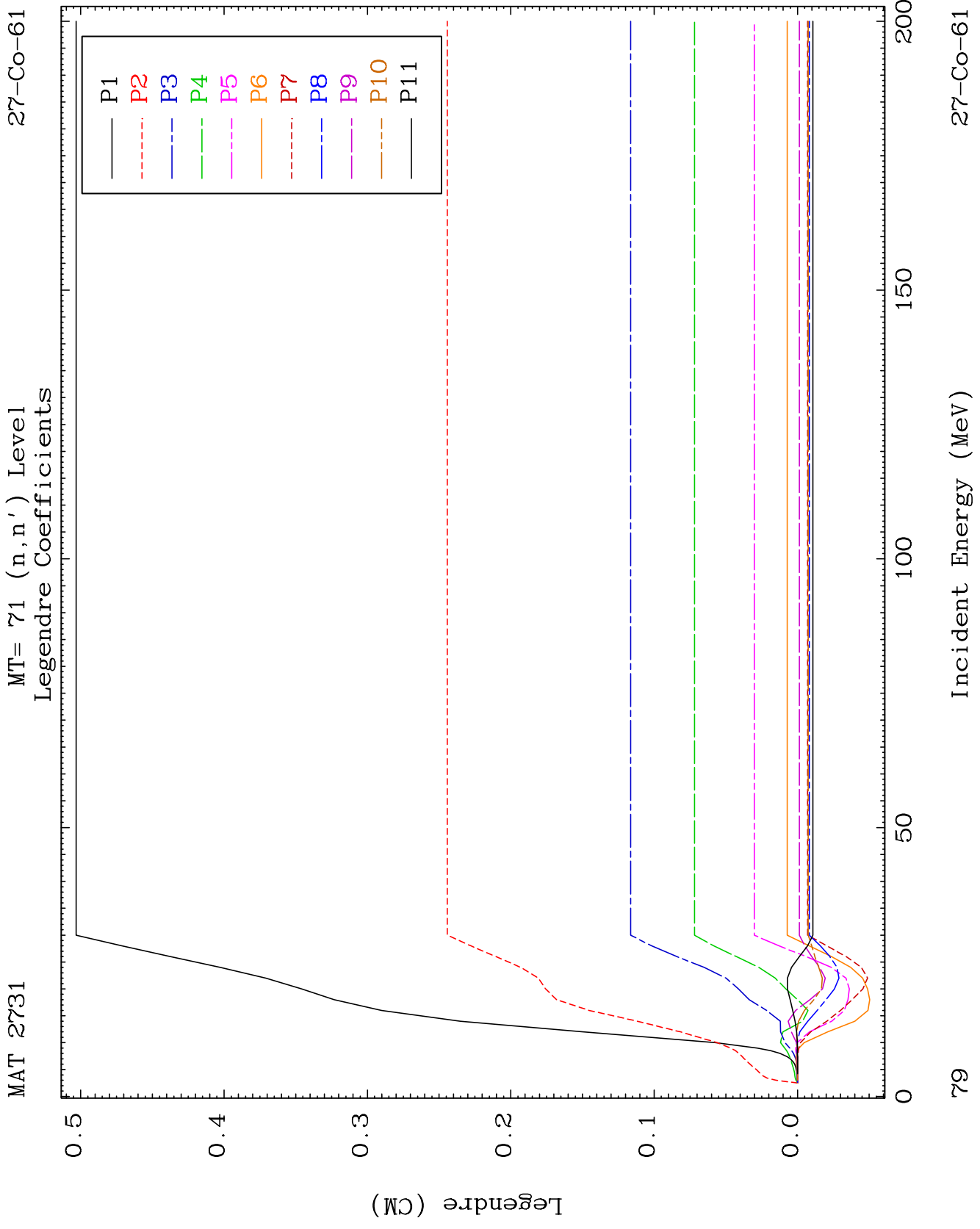
MAT 2731

27-Co-61

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



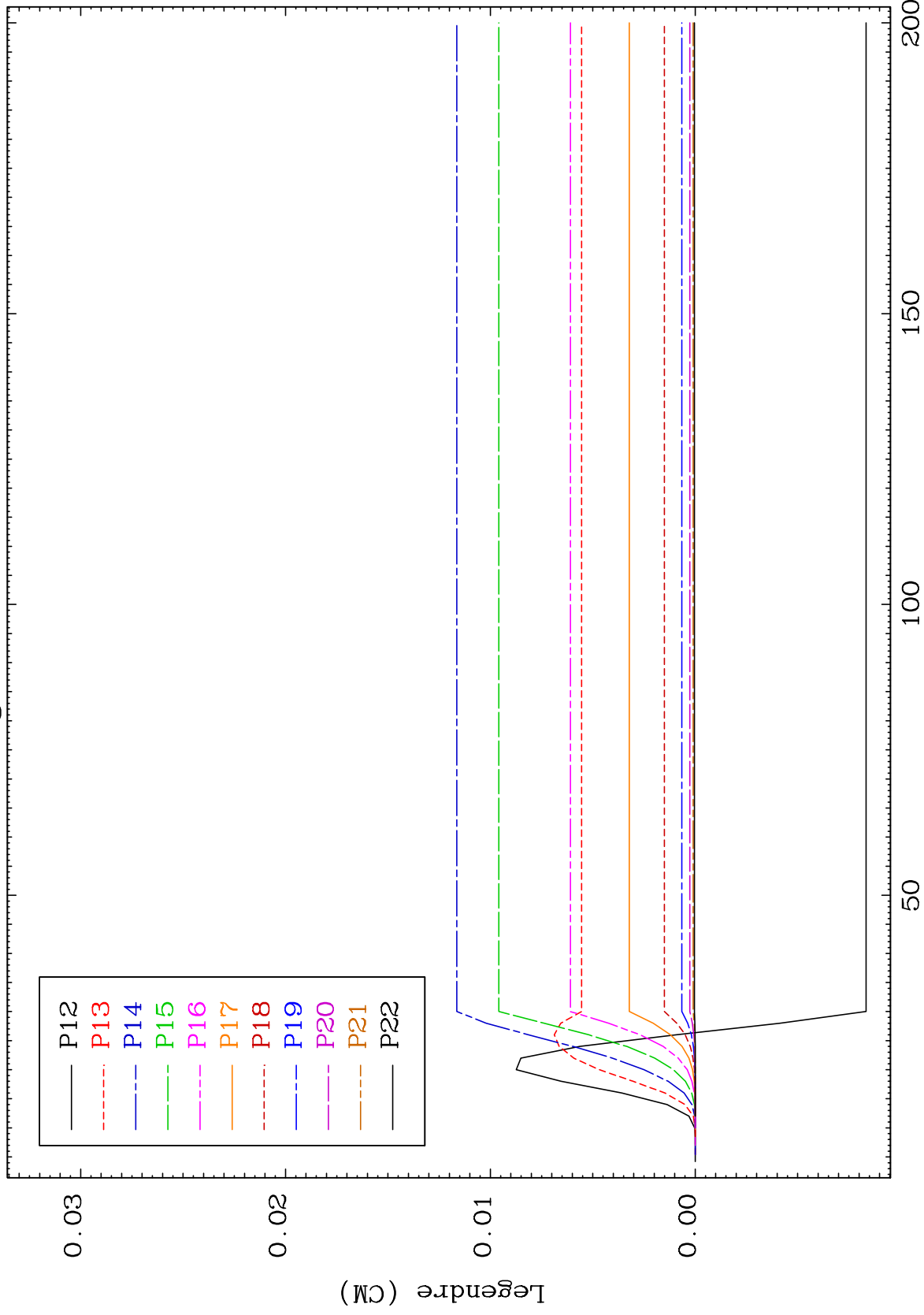




MAT 2731

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

27-Co-61



80

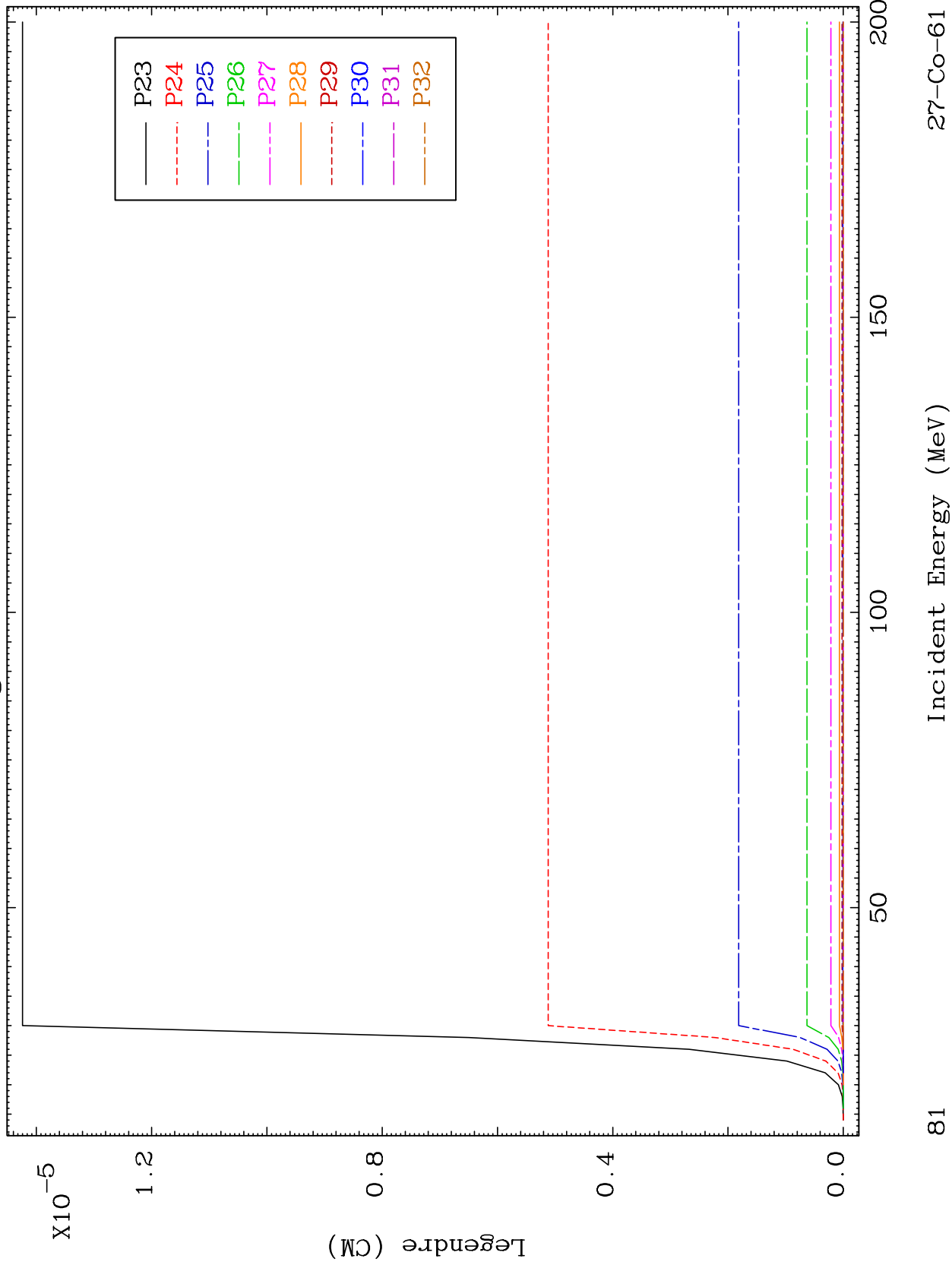
Incident Energy (MeV)

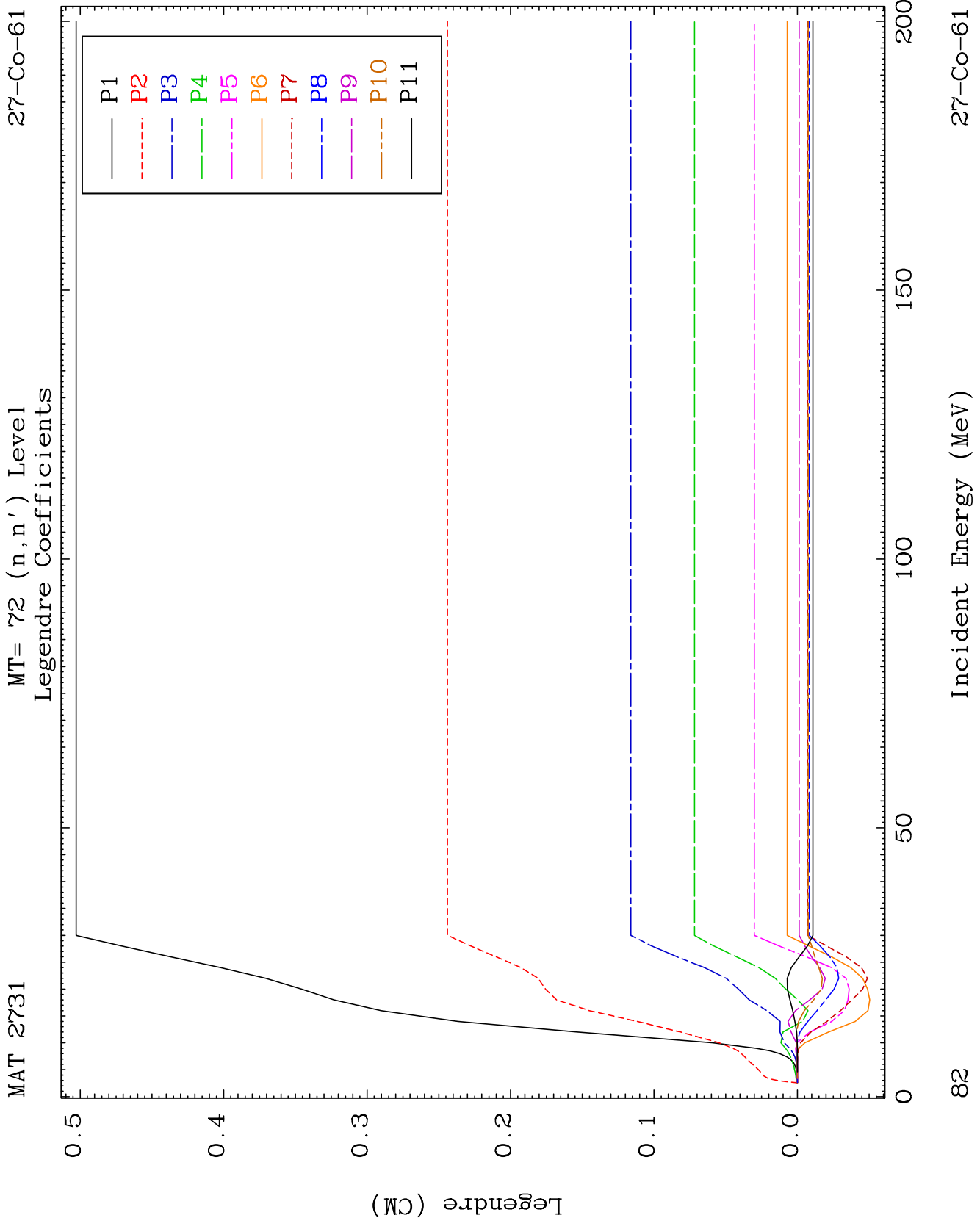
27-Co-61

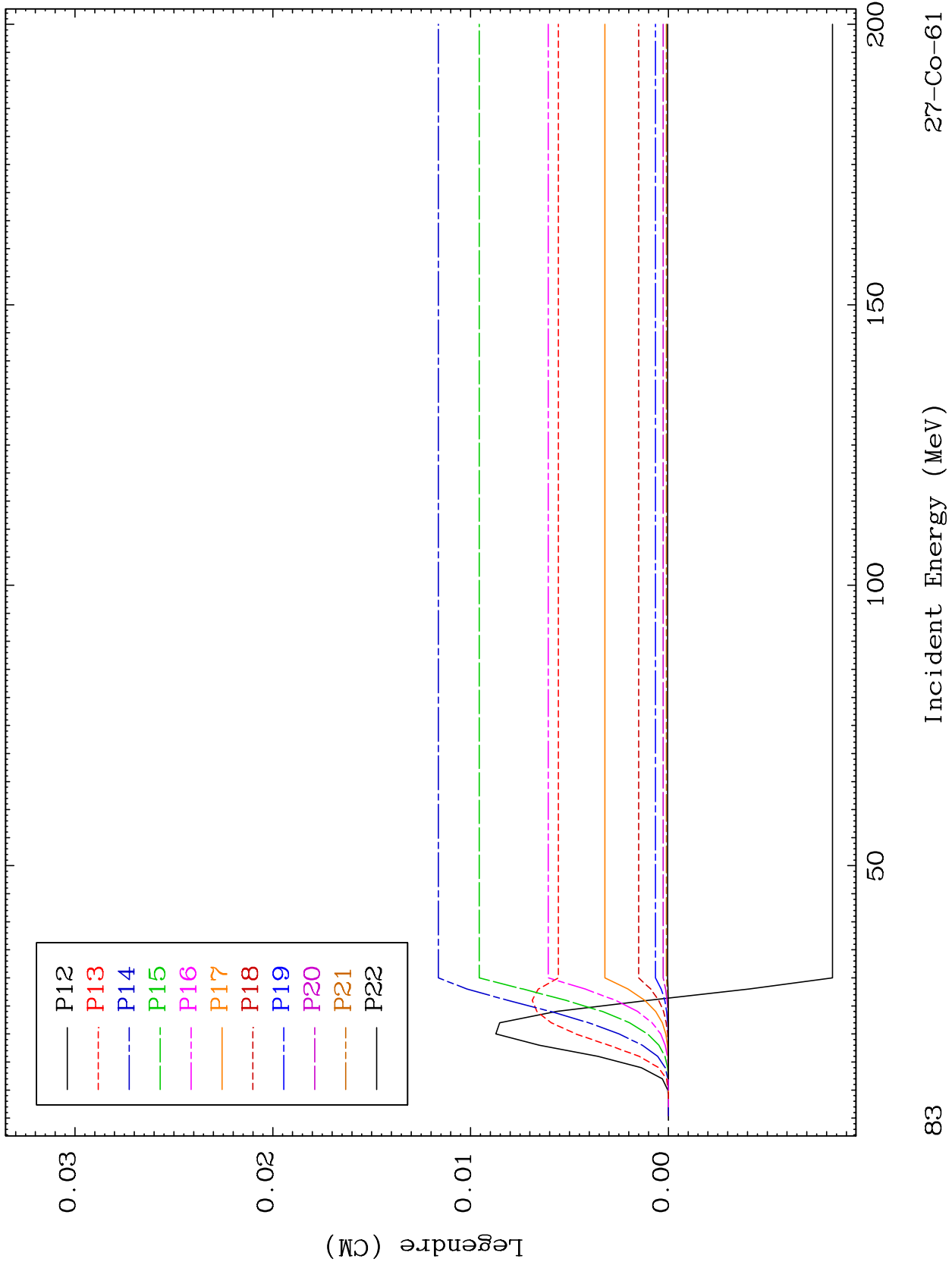
MAT 2731

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

27-Co-61



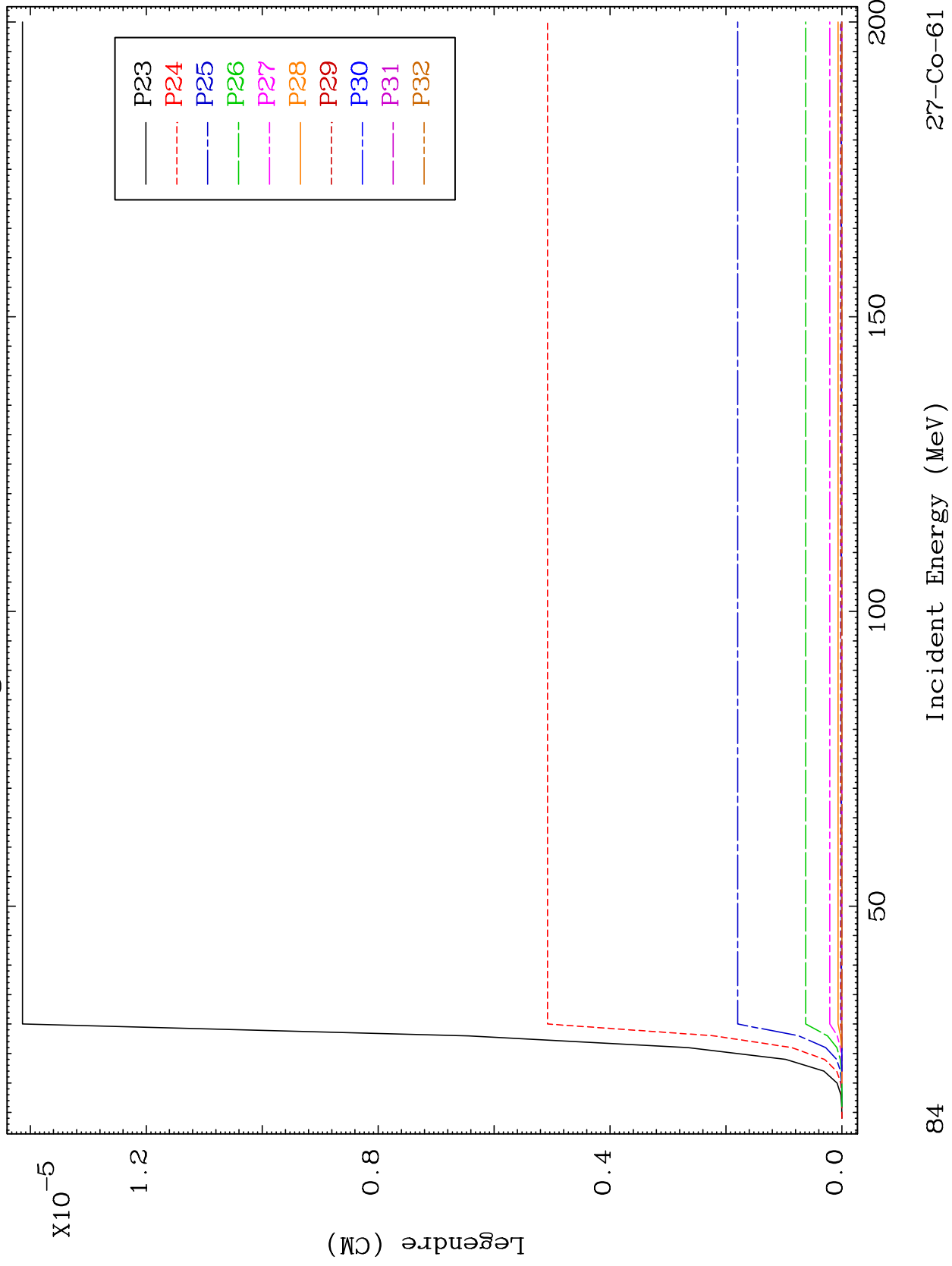




MAT 2731

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

27-Co-61



84

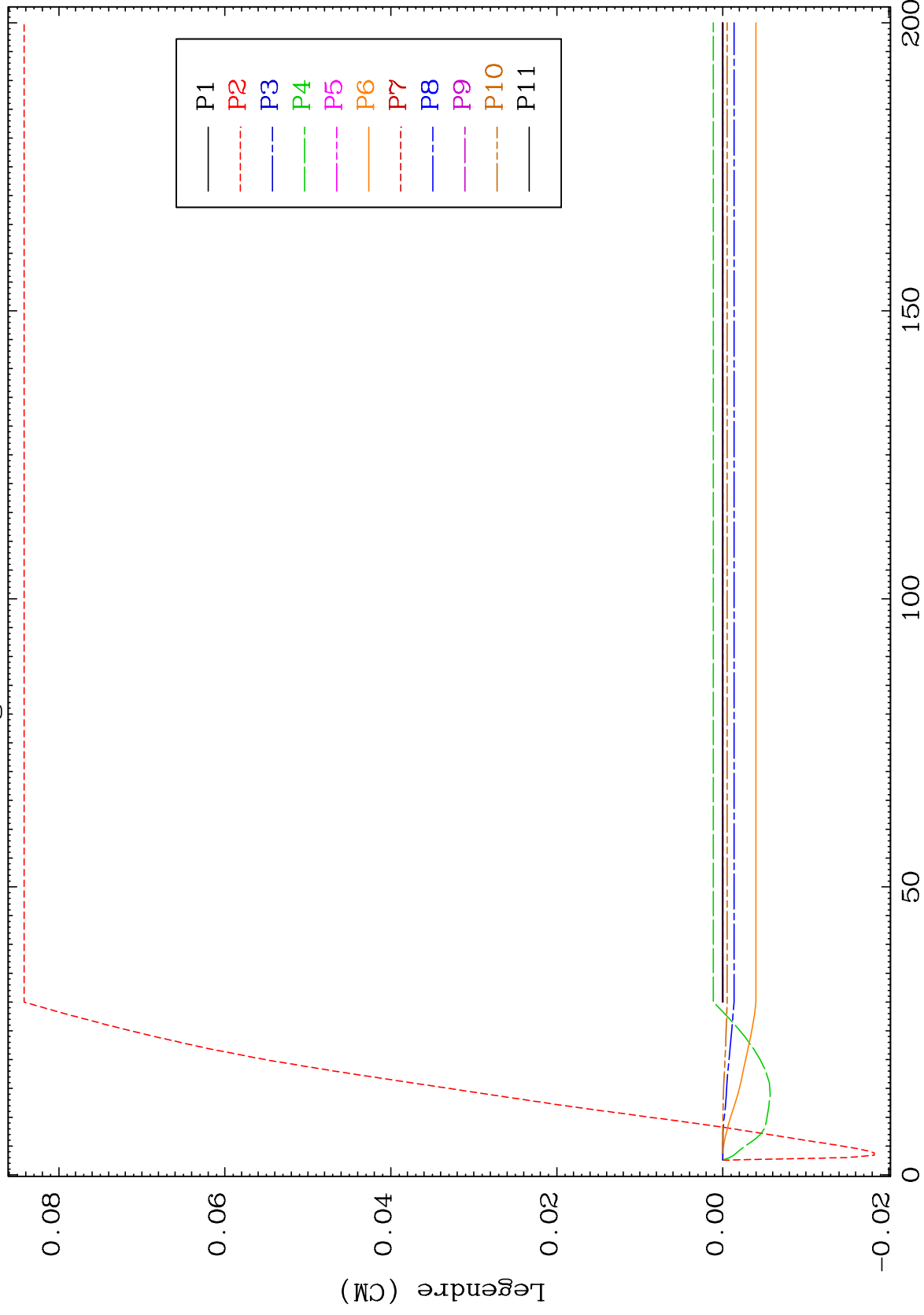
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



85

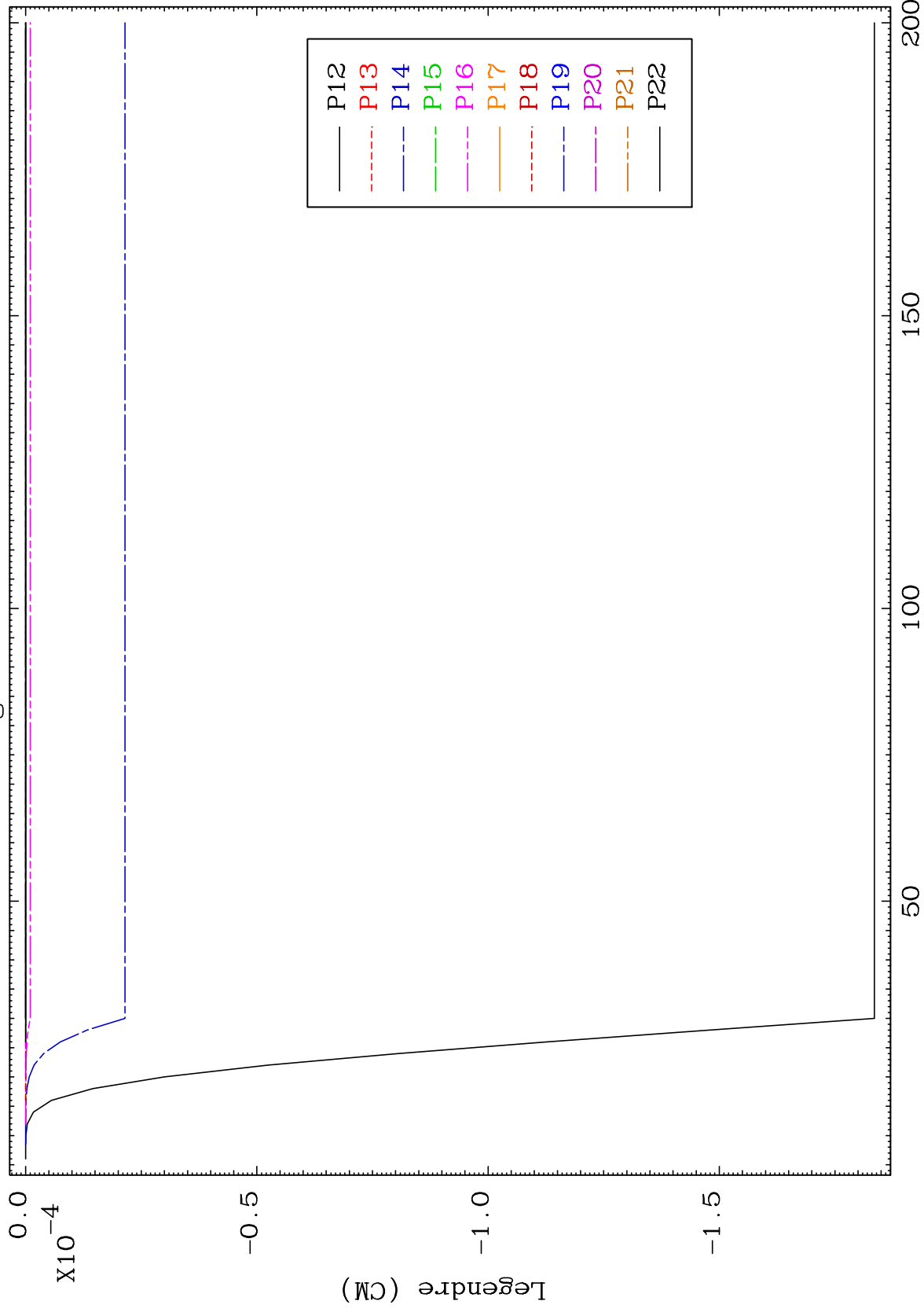
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



86

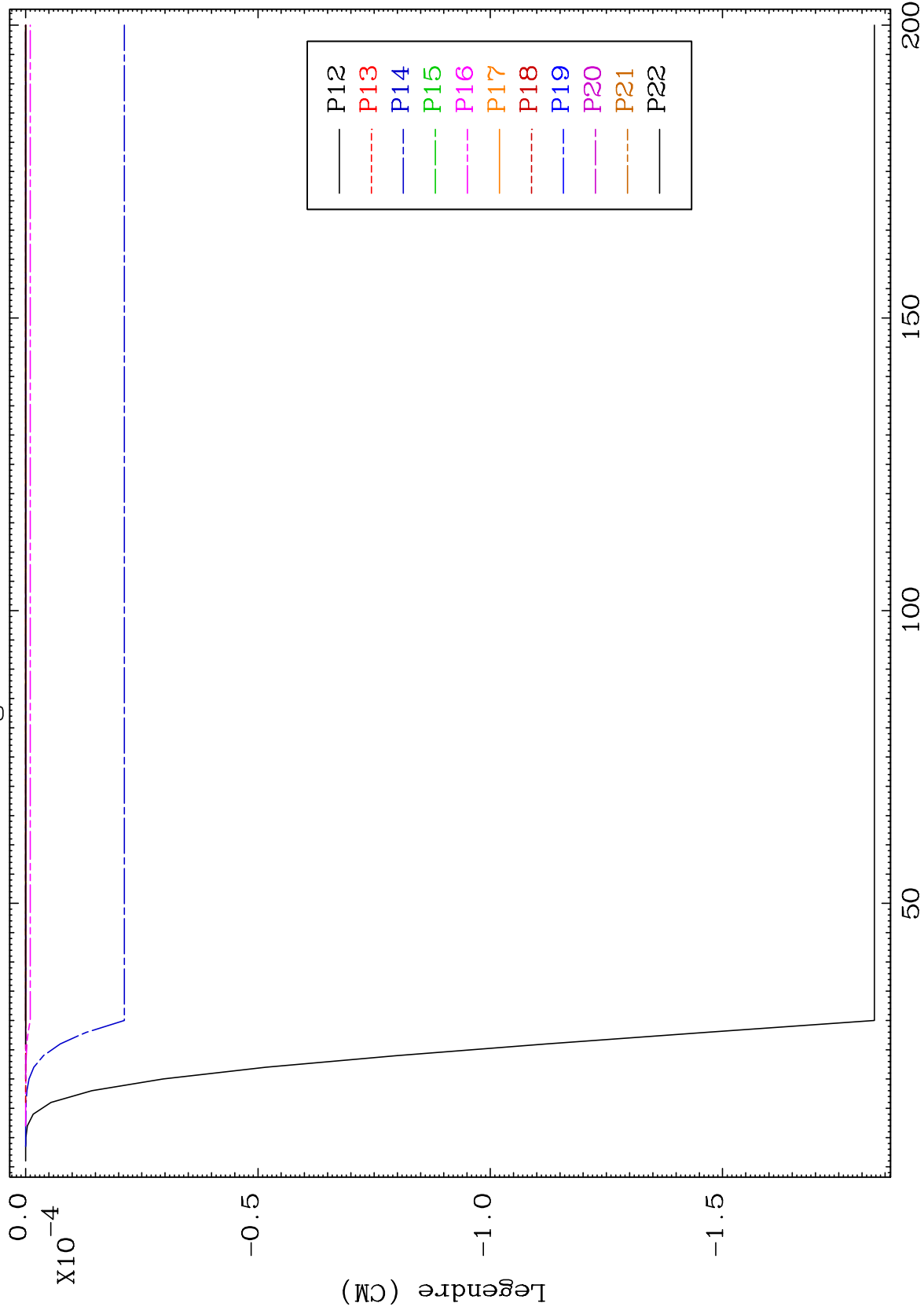
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



88

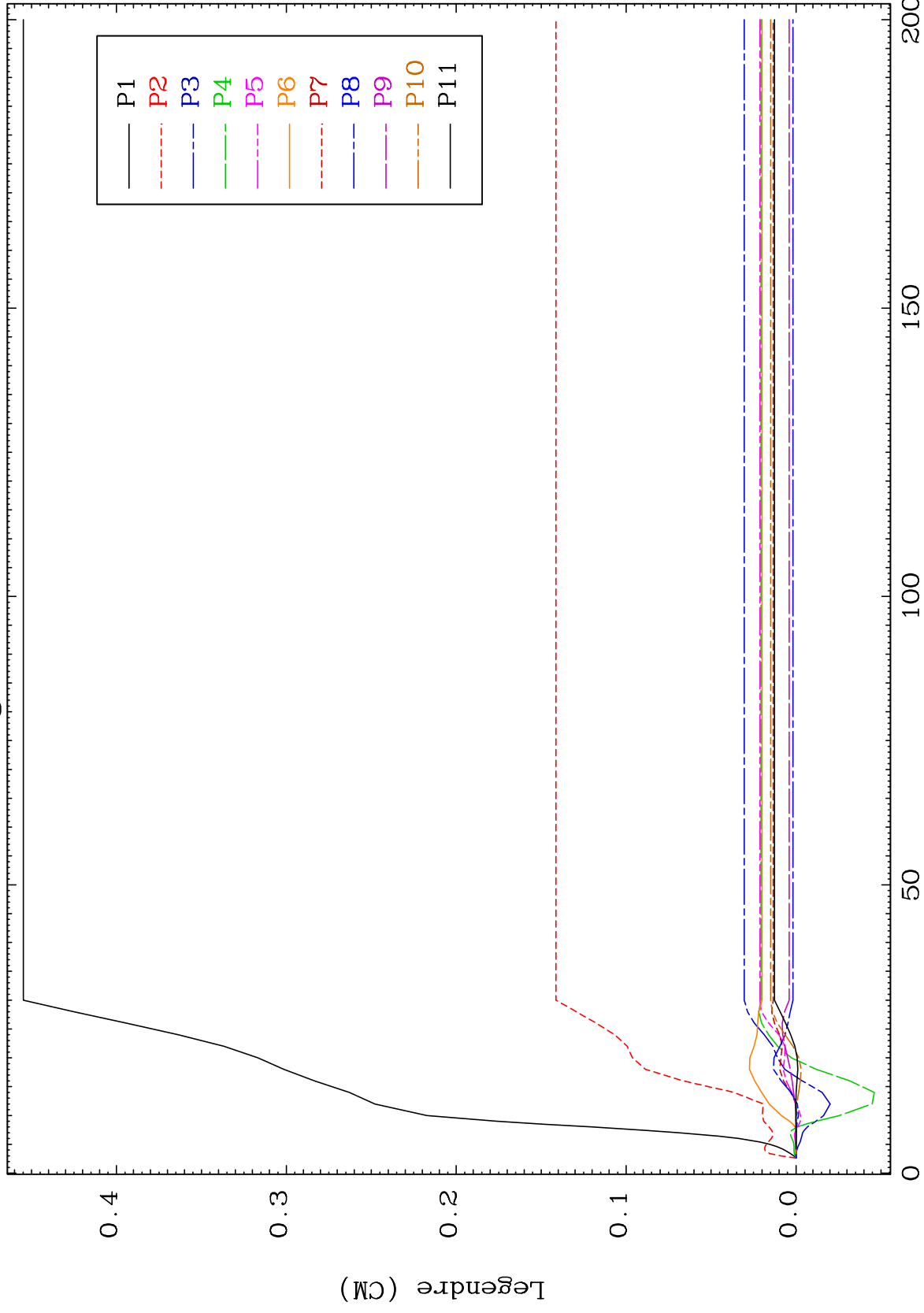
Incident Energy (MeV)

27-Co-61

MAT 2731

27-Co-61

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



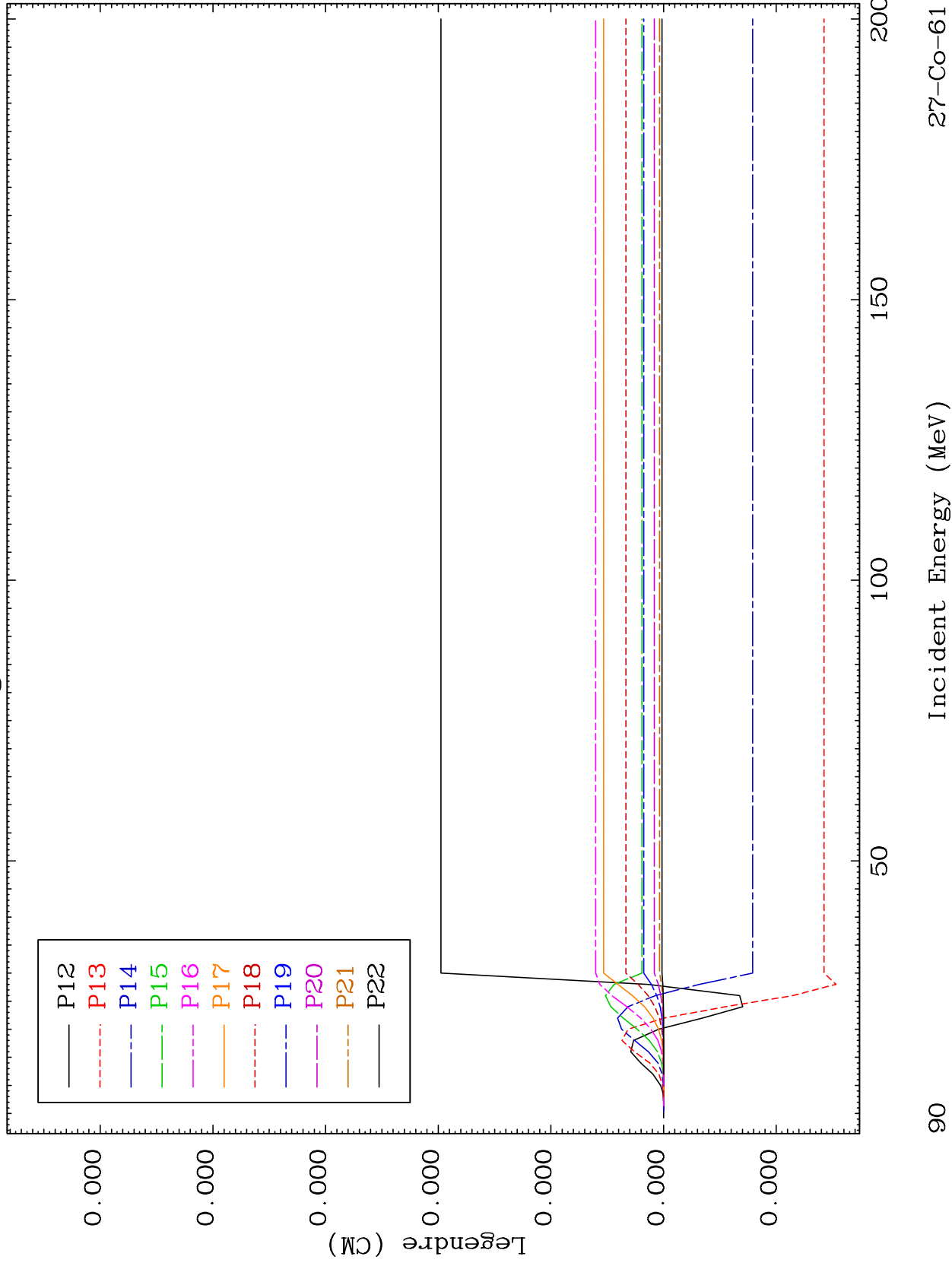
89

27-Co-61

MAT 2731

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

27-Co-61



90

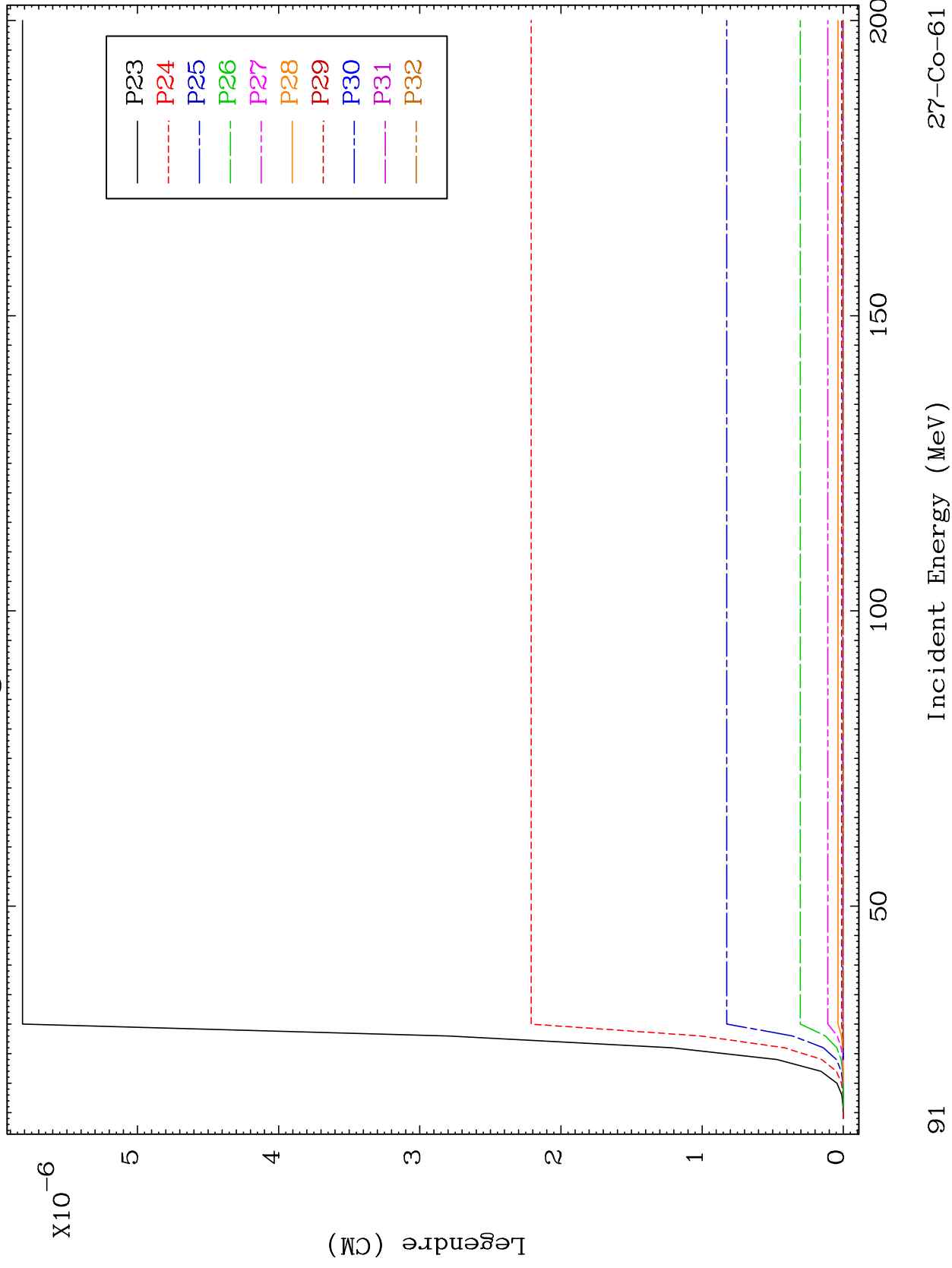
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



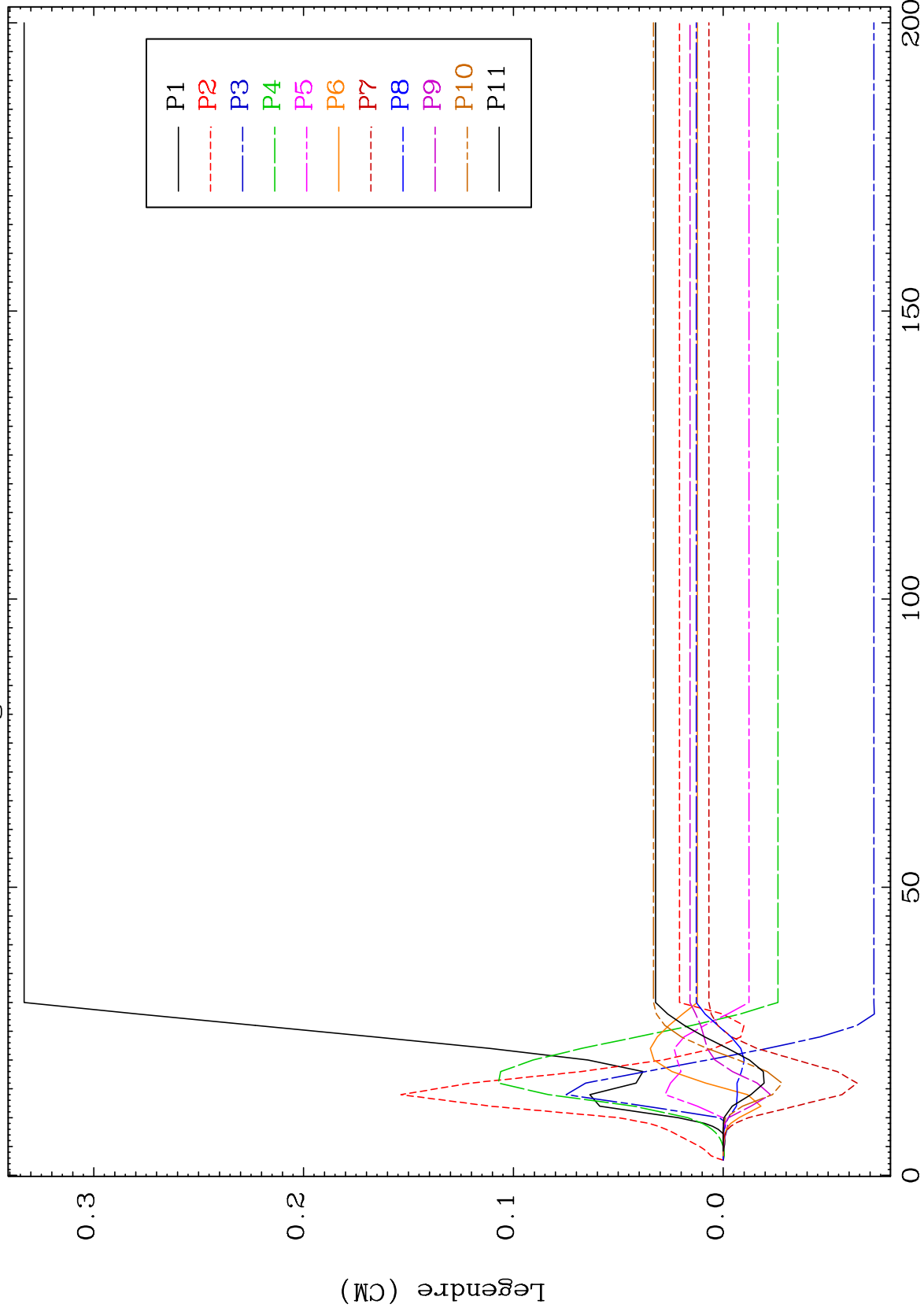
91

27-Co-61

MAT 2731

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

27-Co-61



92

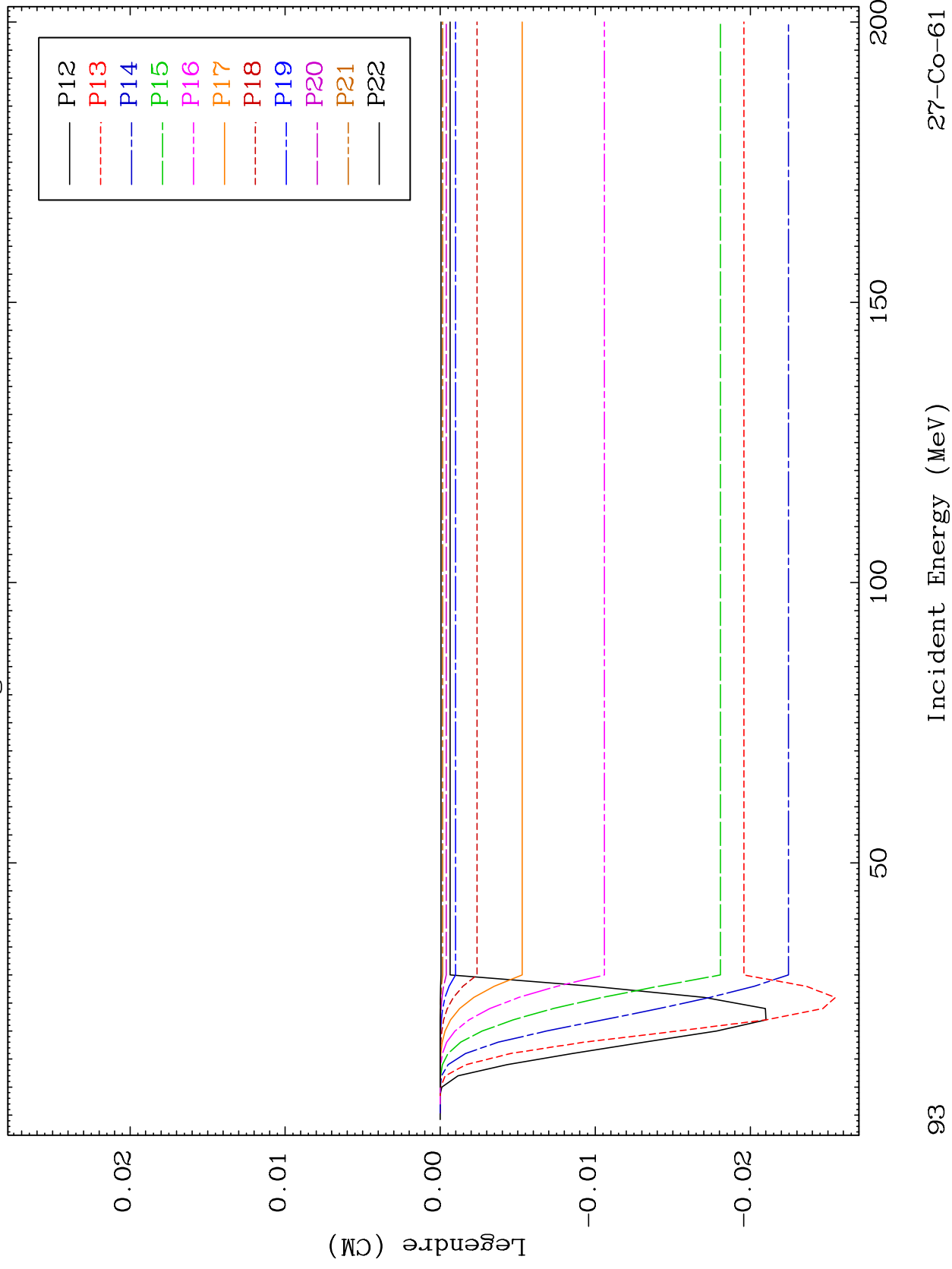
Incident Energy (MeV)

27-Co-61

MAT 2731

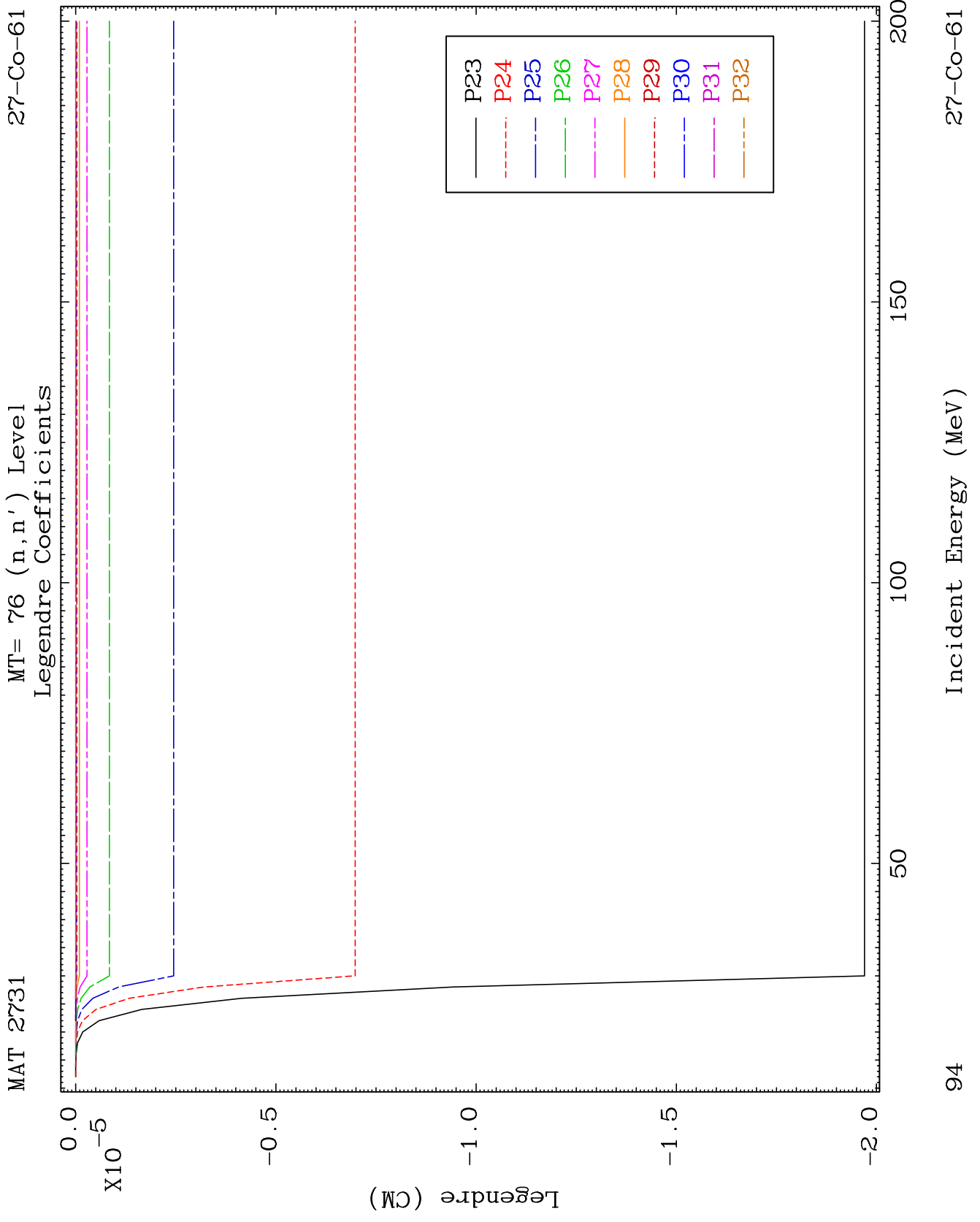
MT= 76 (n,n') Level
Legendre Coefficients

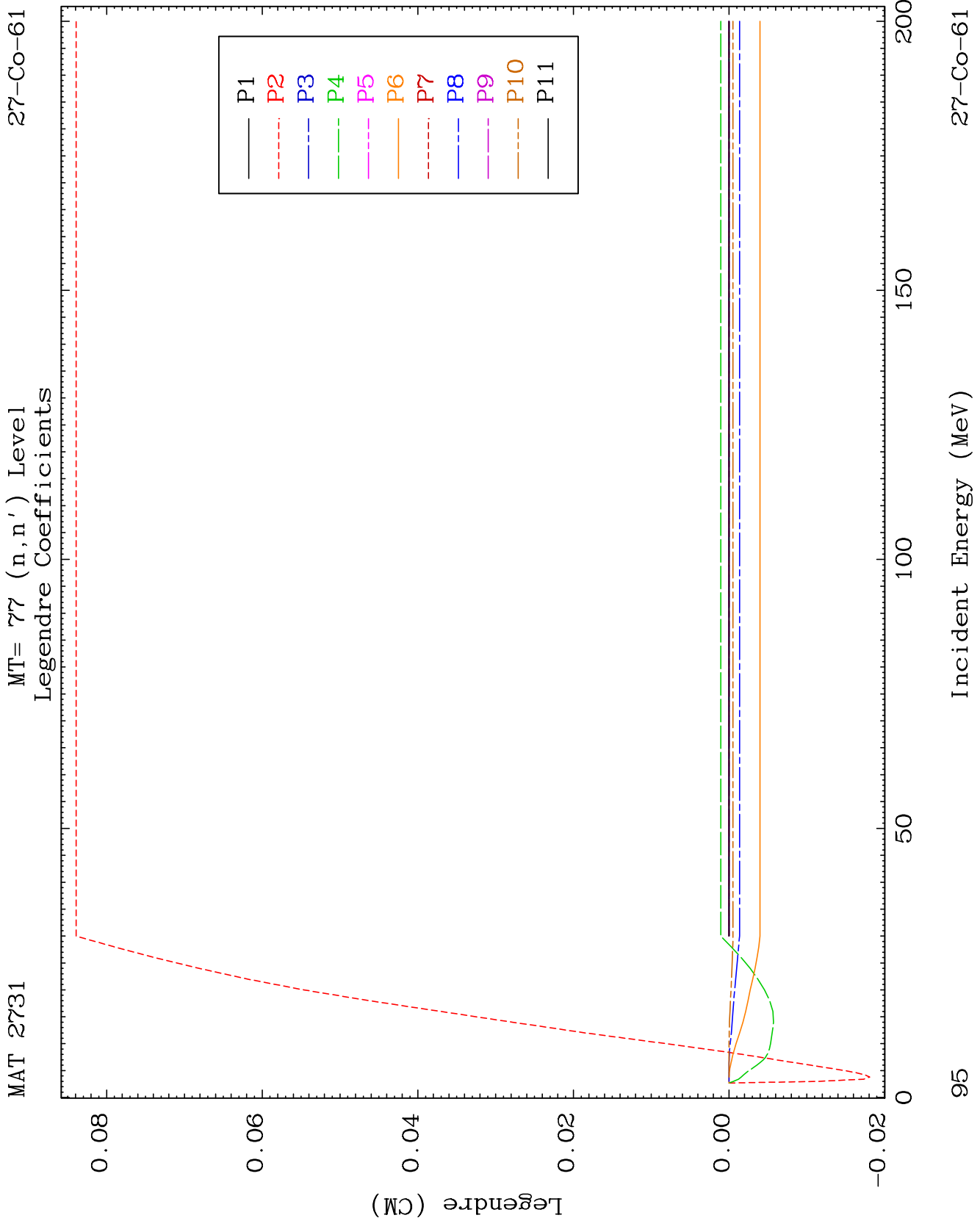
27-Co-61



93

27-Co-61

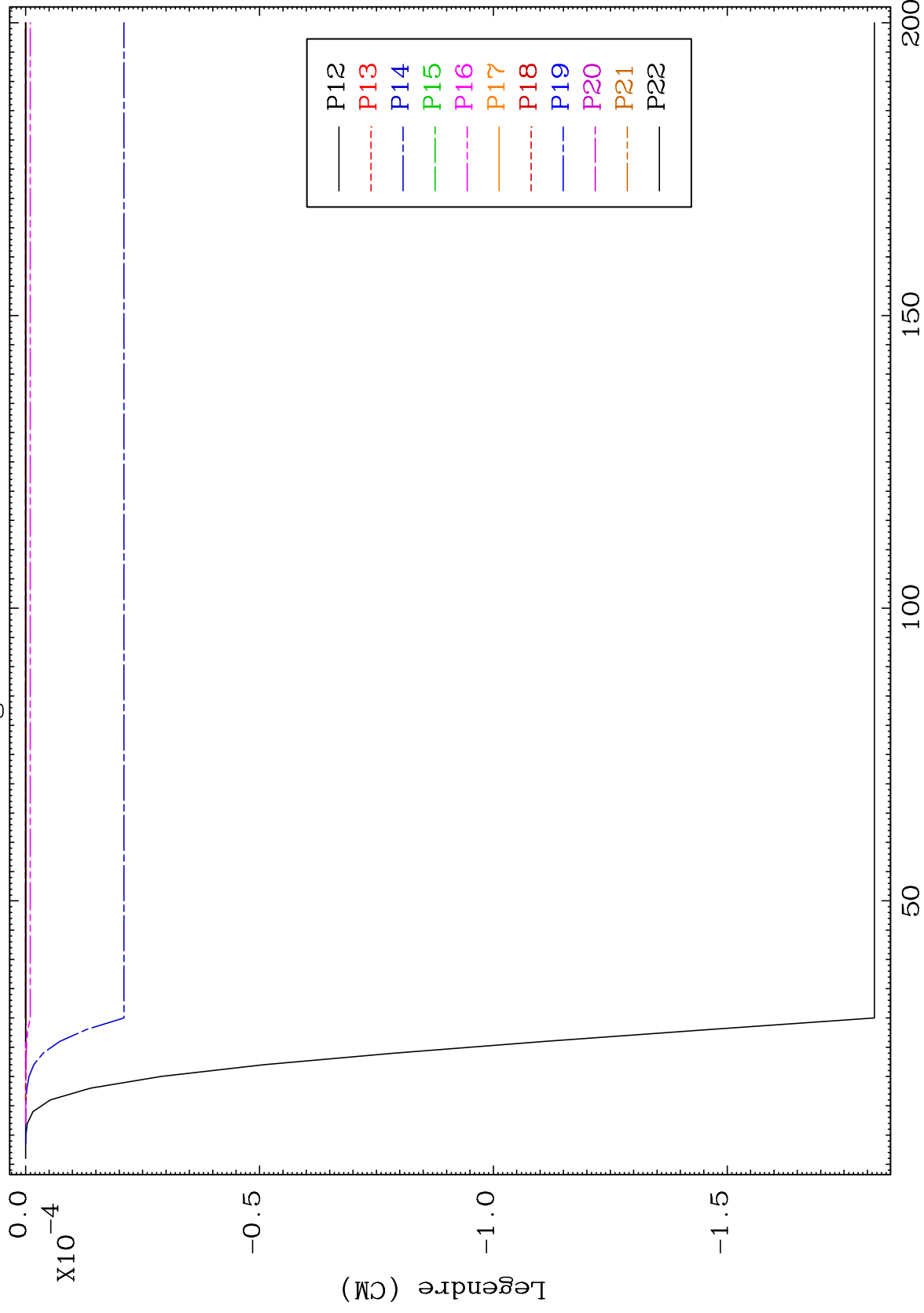




MAT 2731

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

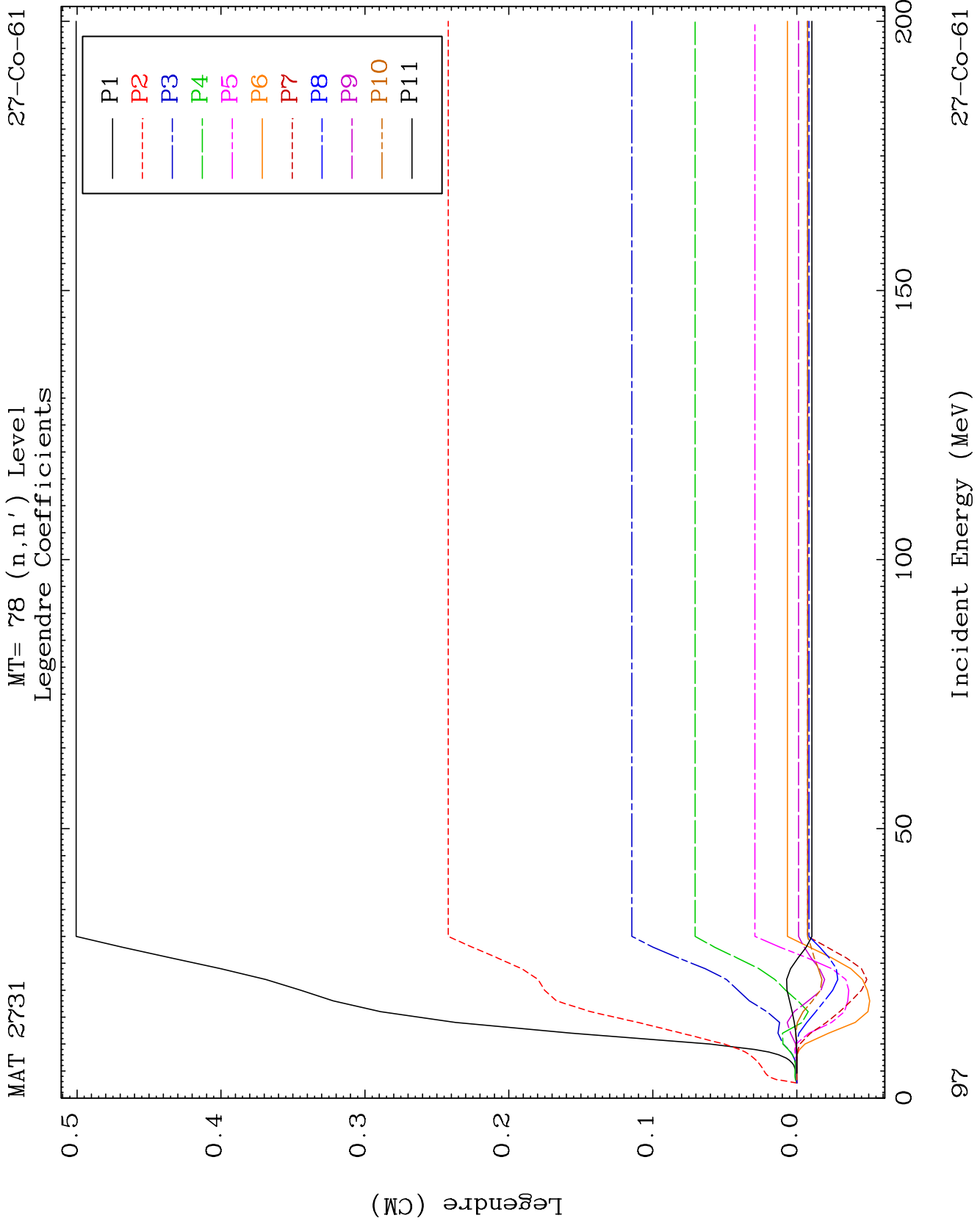
27-Co-61



96

Incident Energy (MeV)

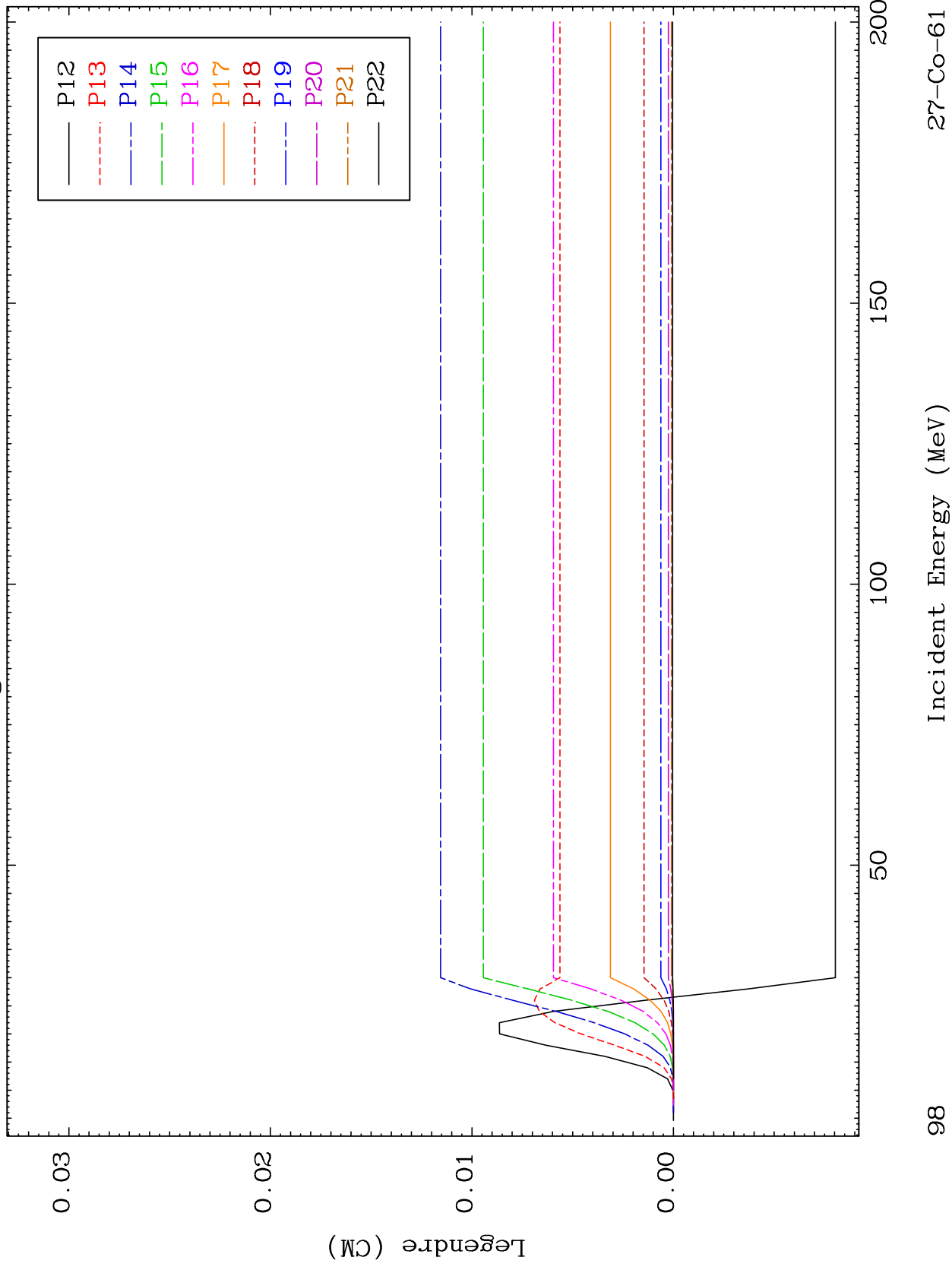
27-Co-61



MAT 2731

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

27-Co-61



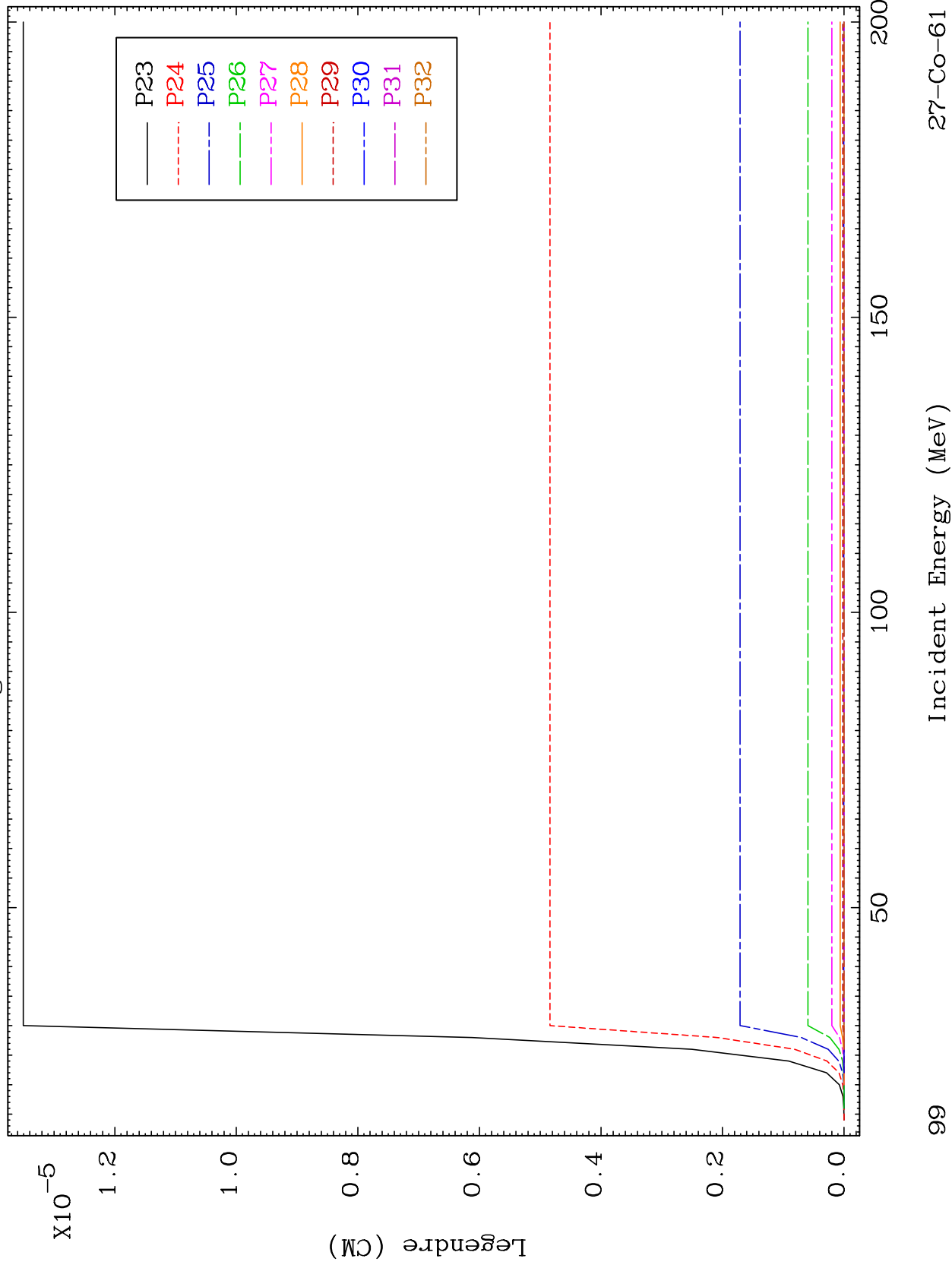
98

27-Co-61

MAT 2731

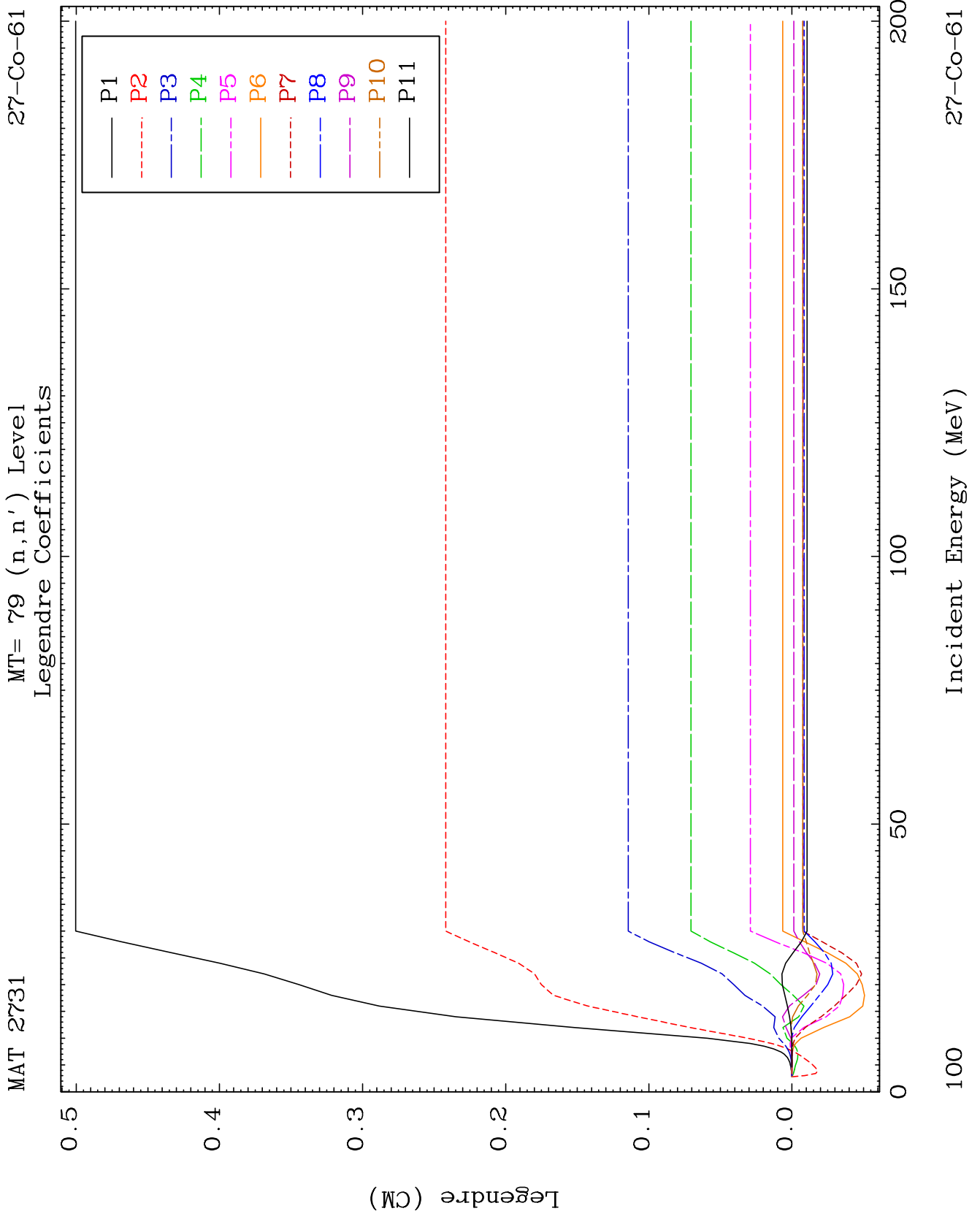
MT= 78 (n,n') Level
Legendre Coefficients

27-Co-61



99

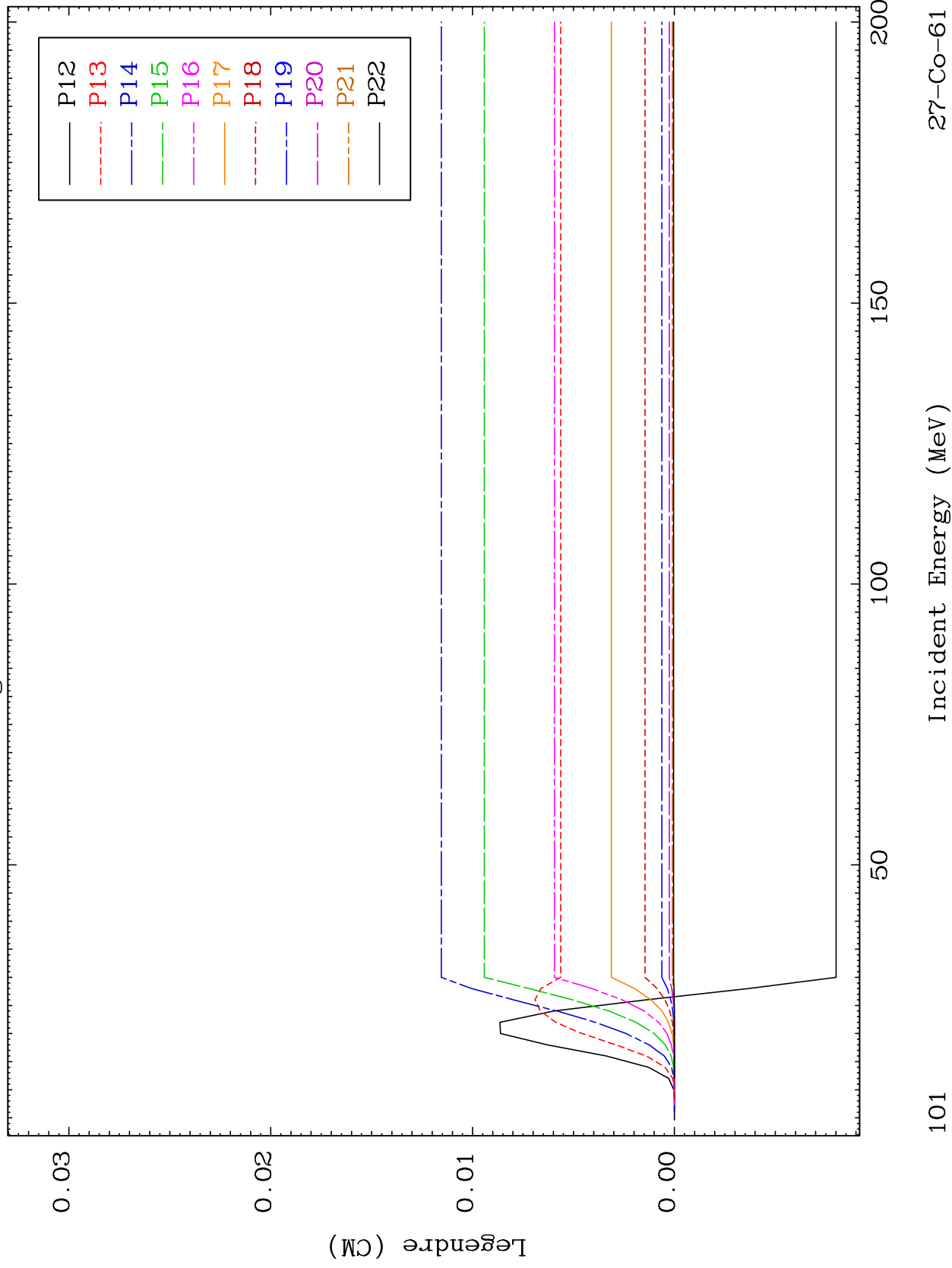
27-Co-61



MAT 2731

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

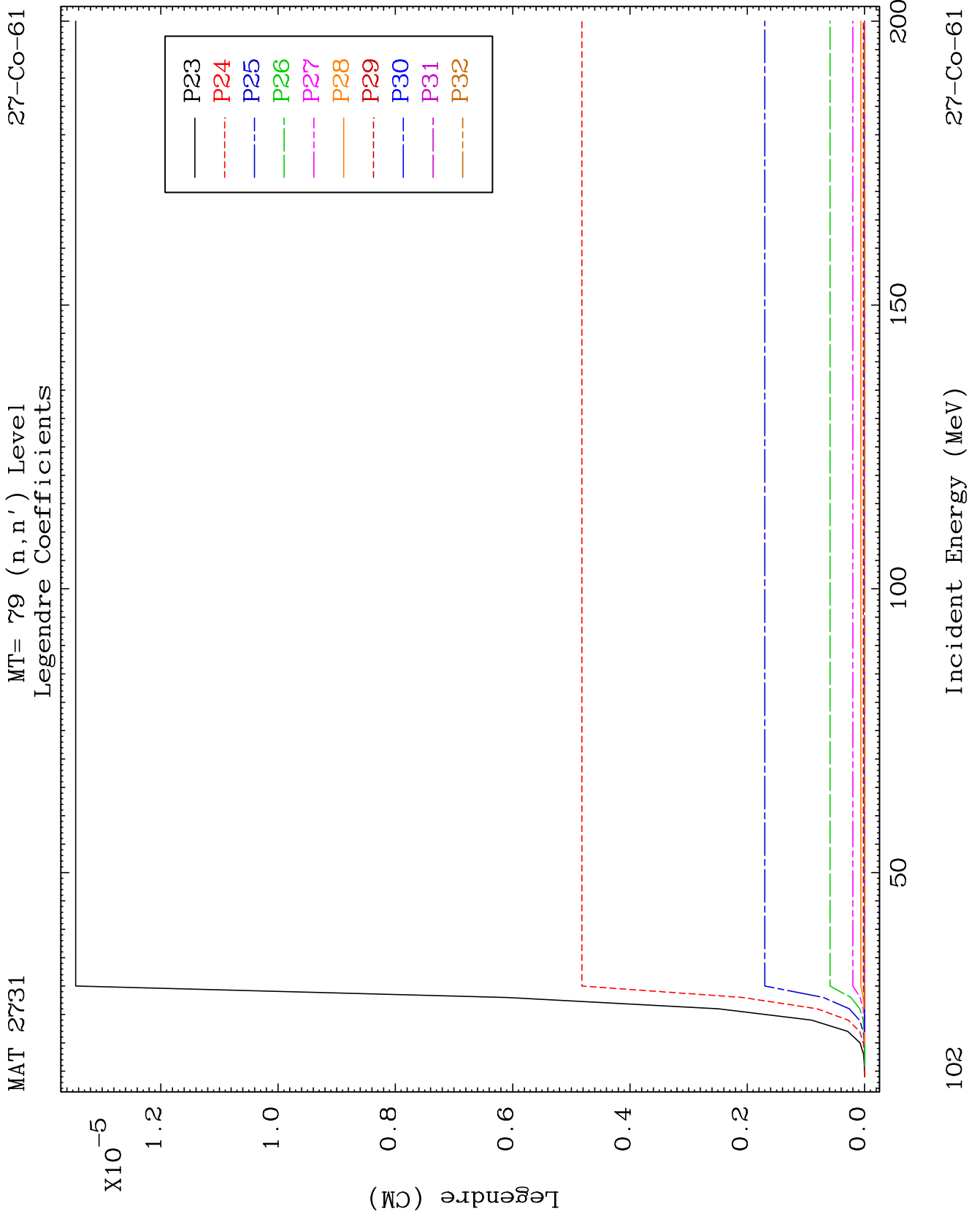
27-Co-61

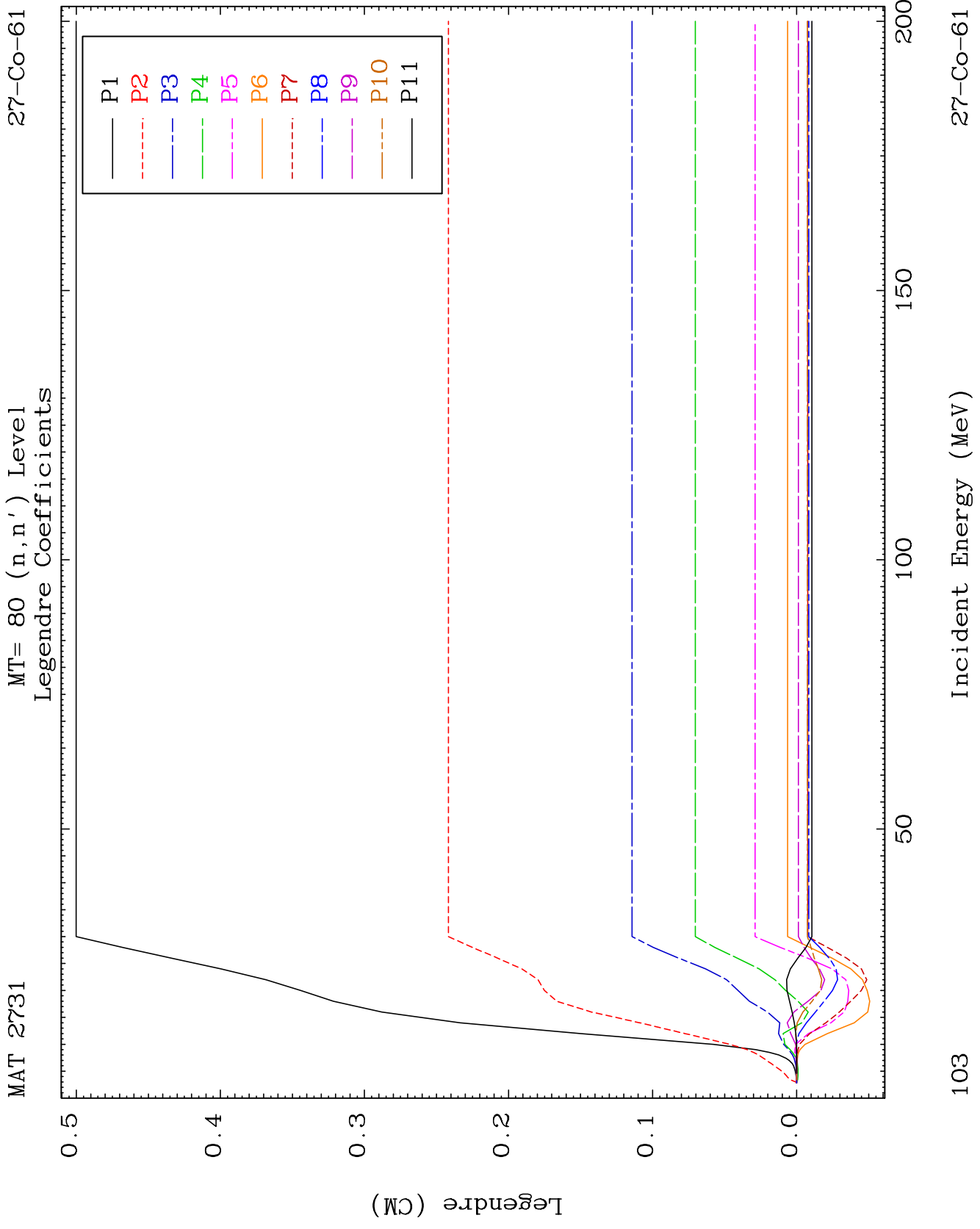


101

Incident Energy (MeV)

27-Co-61

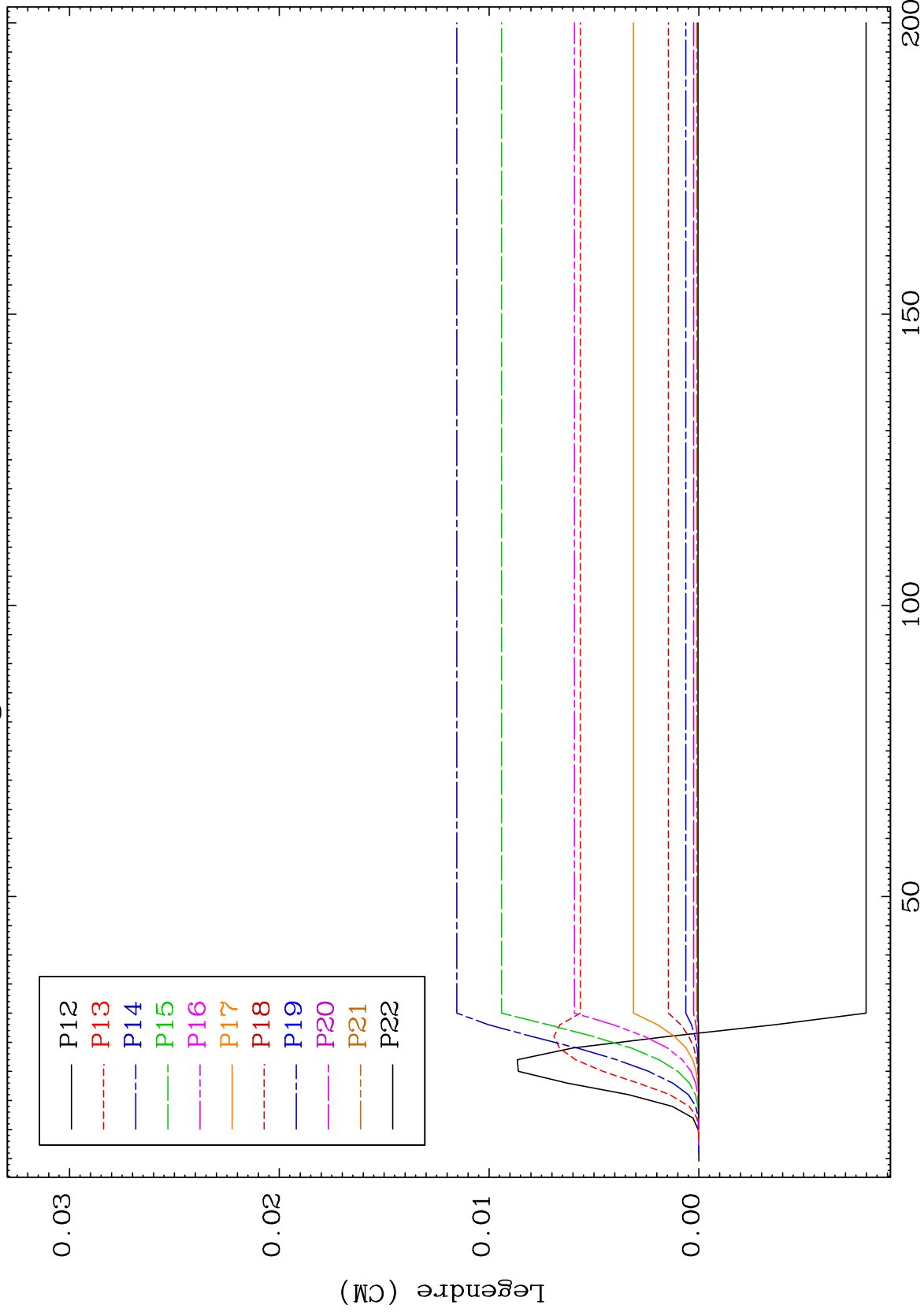




MAT 2731

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

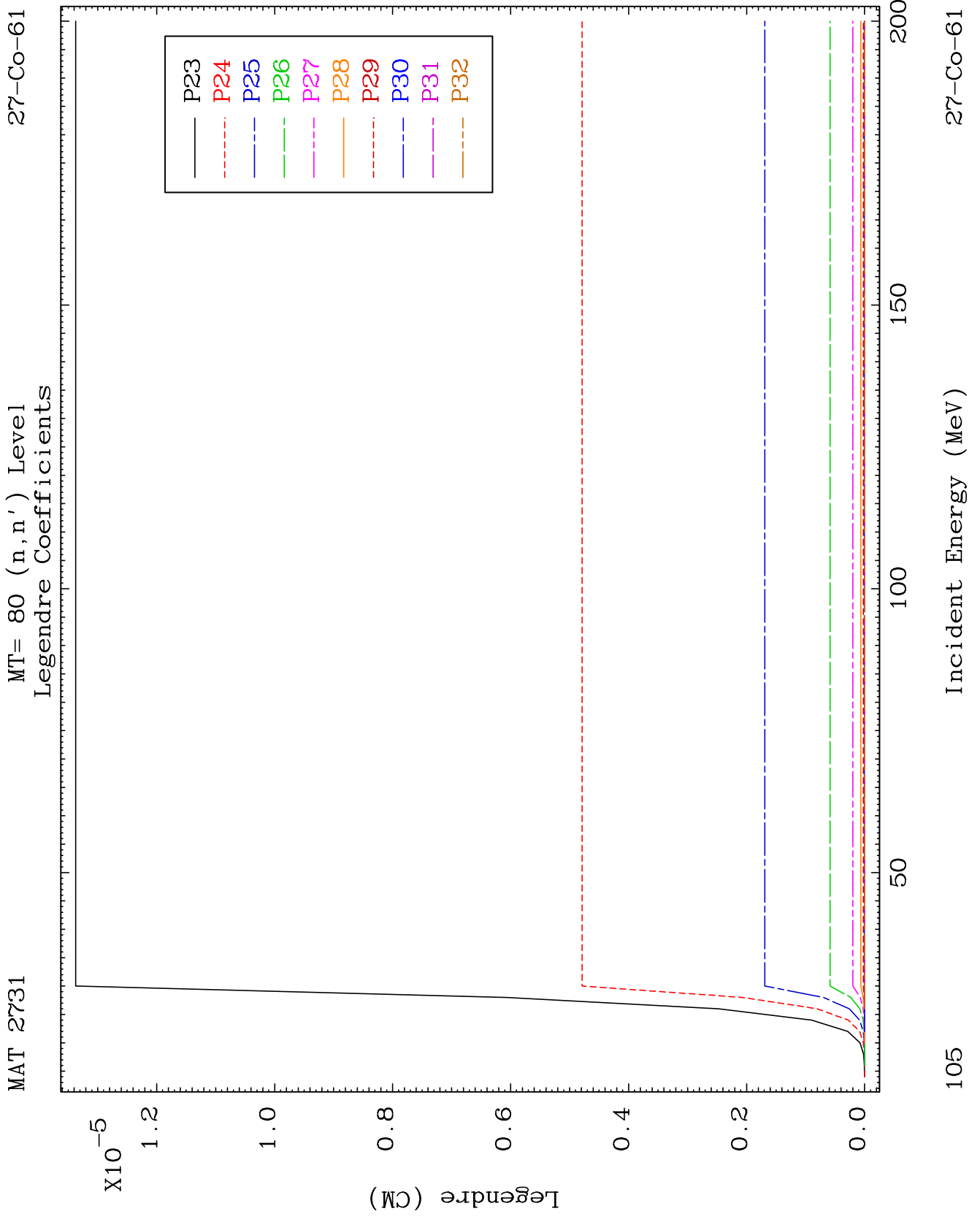
27-Co-61



104

Incident Energy (MeV)

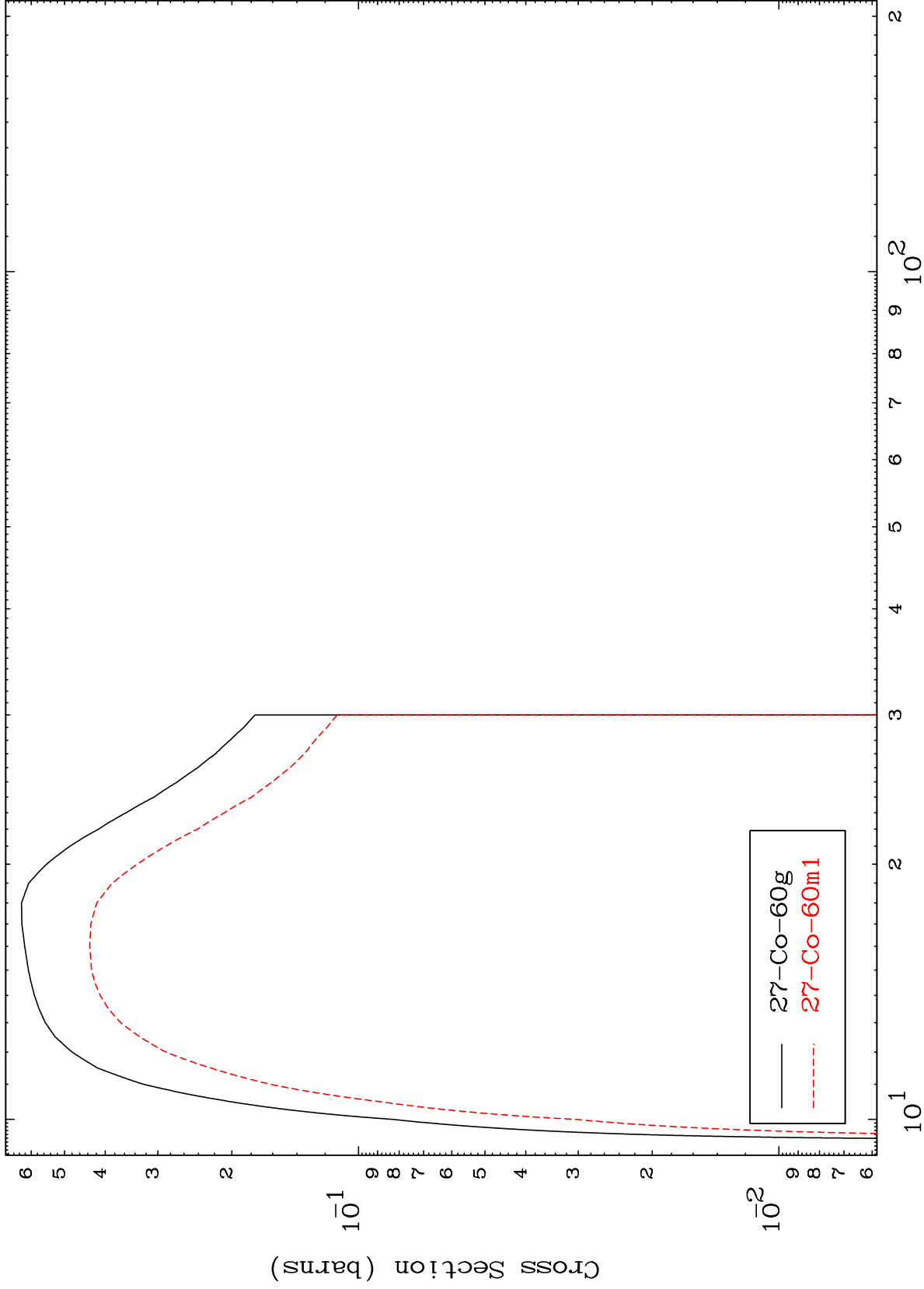
27-Co-61



MAT 2731

²⁷Co-61

Radionuclide Production Cross Section



²⁷Co-61

Incident Energy (MeV)

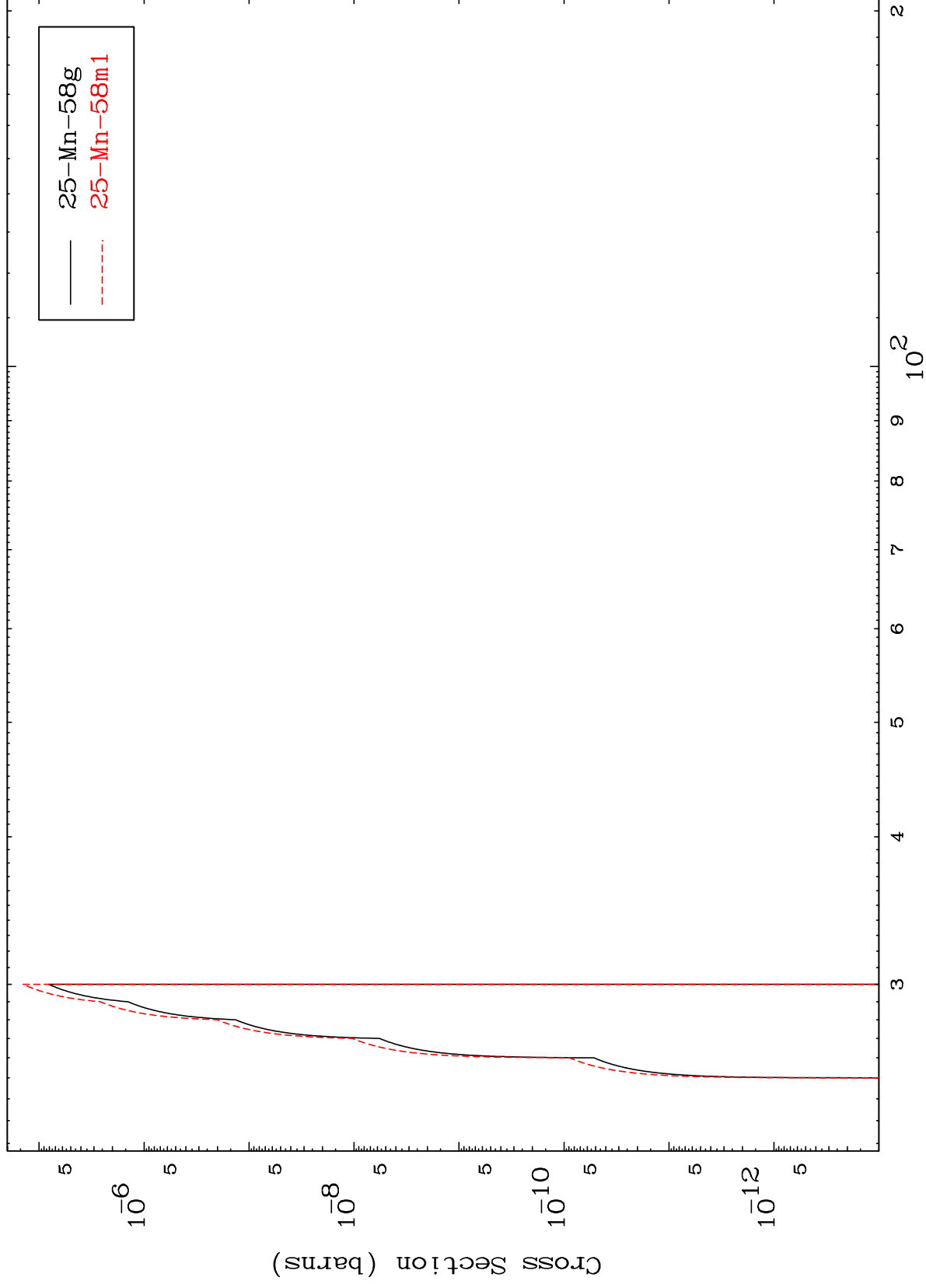
106

MAT 2731

(n,n') He-3

27-Co-61

Radionuclide Production Cross Section



107

Incident Energy (MeV)

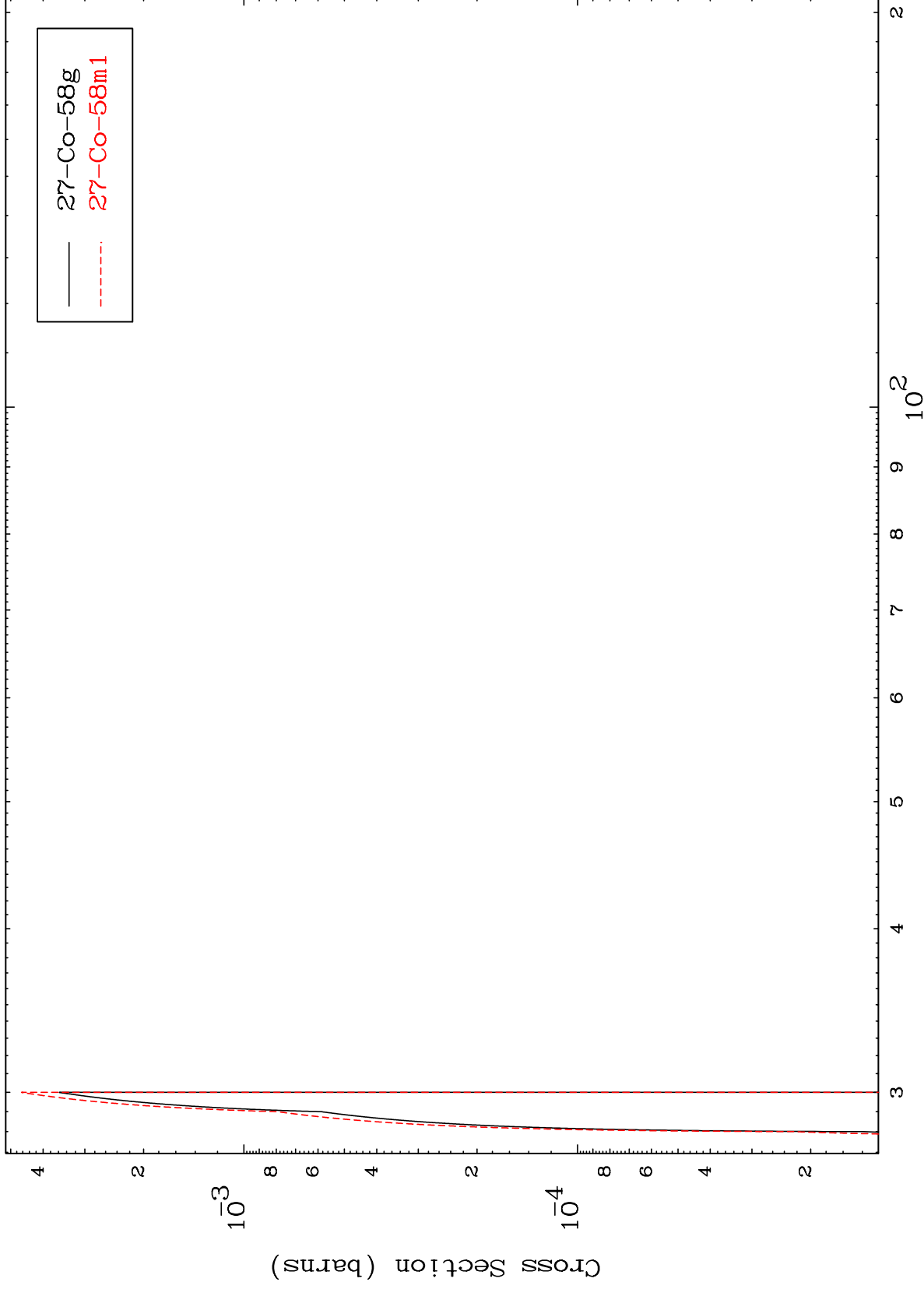
27-Co-61

MAT 2731

(n,4n)

²⁷Co-61

Radionuclide Production Cross Section



108

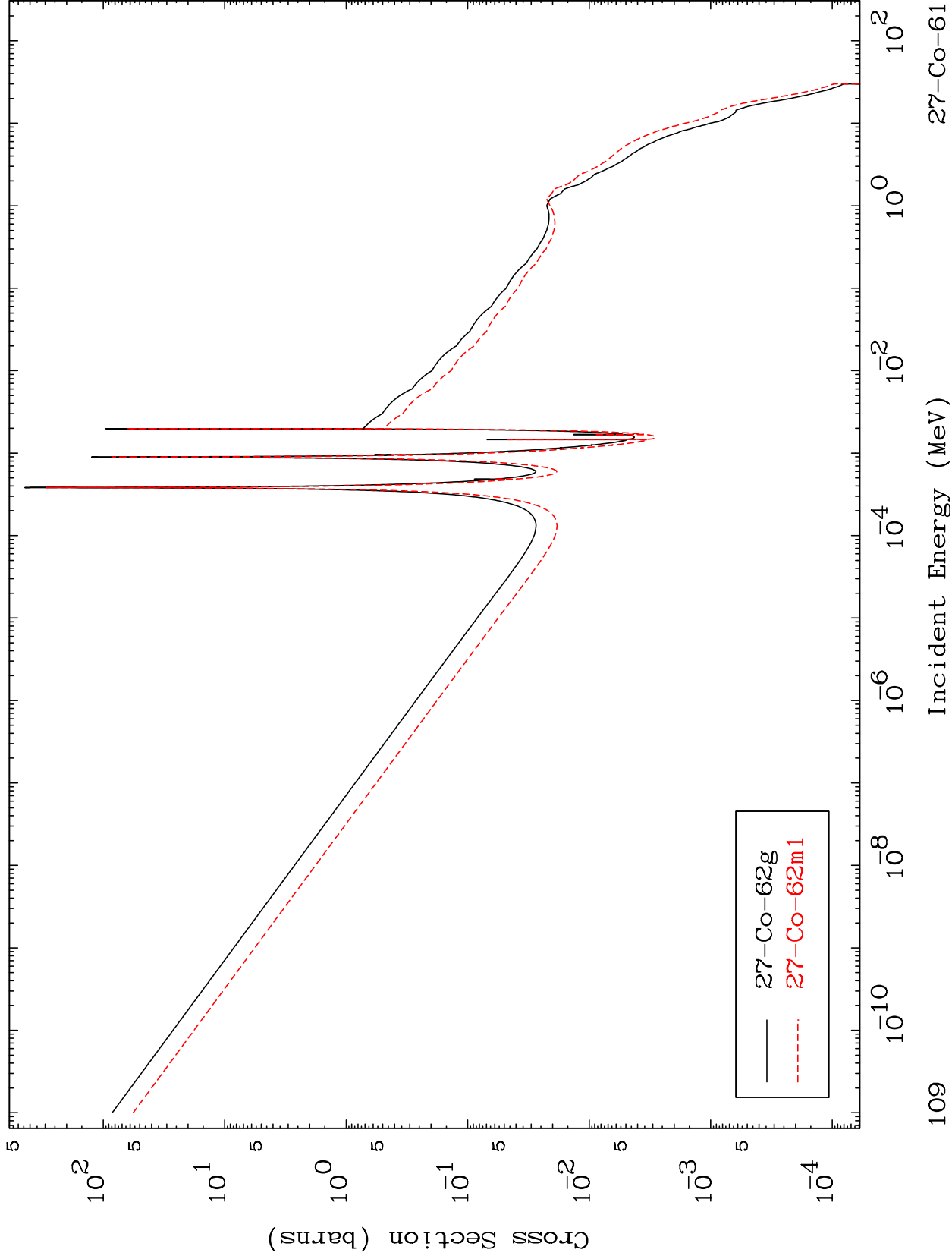
Incident Energy (MeV)

²⁷Co-61

MAT 2731

²⁷Co-61

^(n,γ)
Radionuclide Production Cross Section

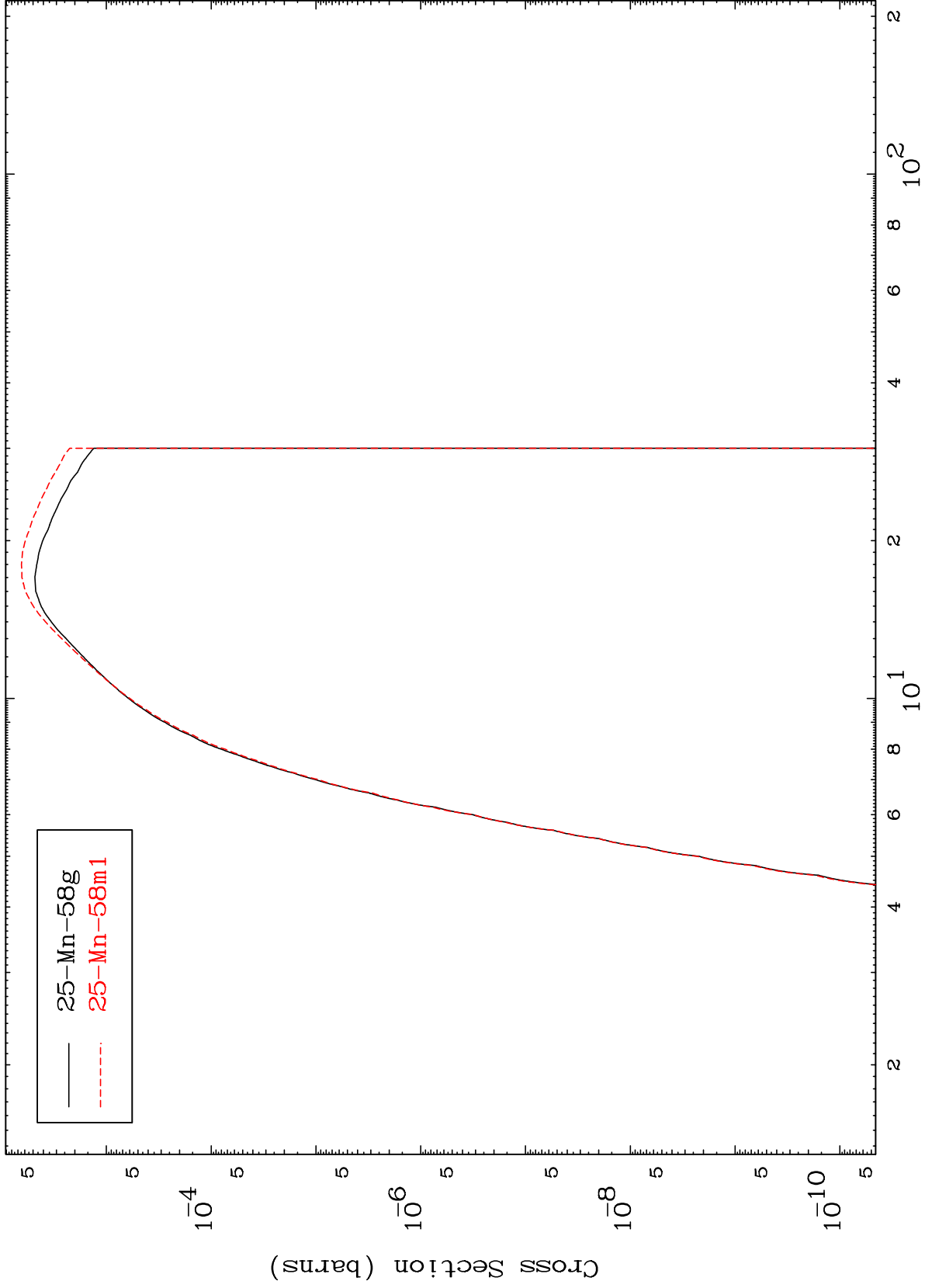


109

MAT 2731

27-Co-61

Radionuclide Production Cross Section



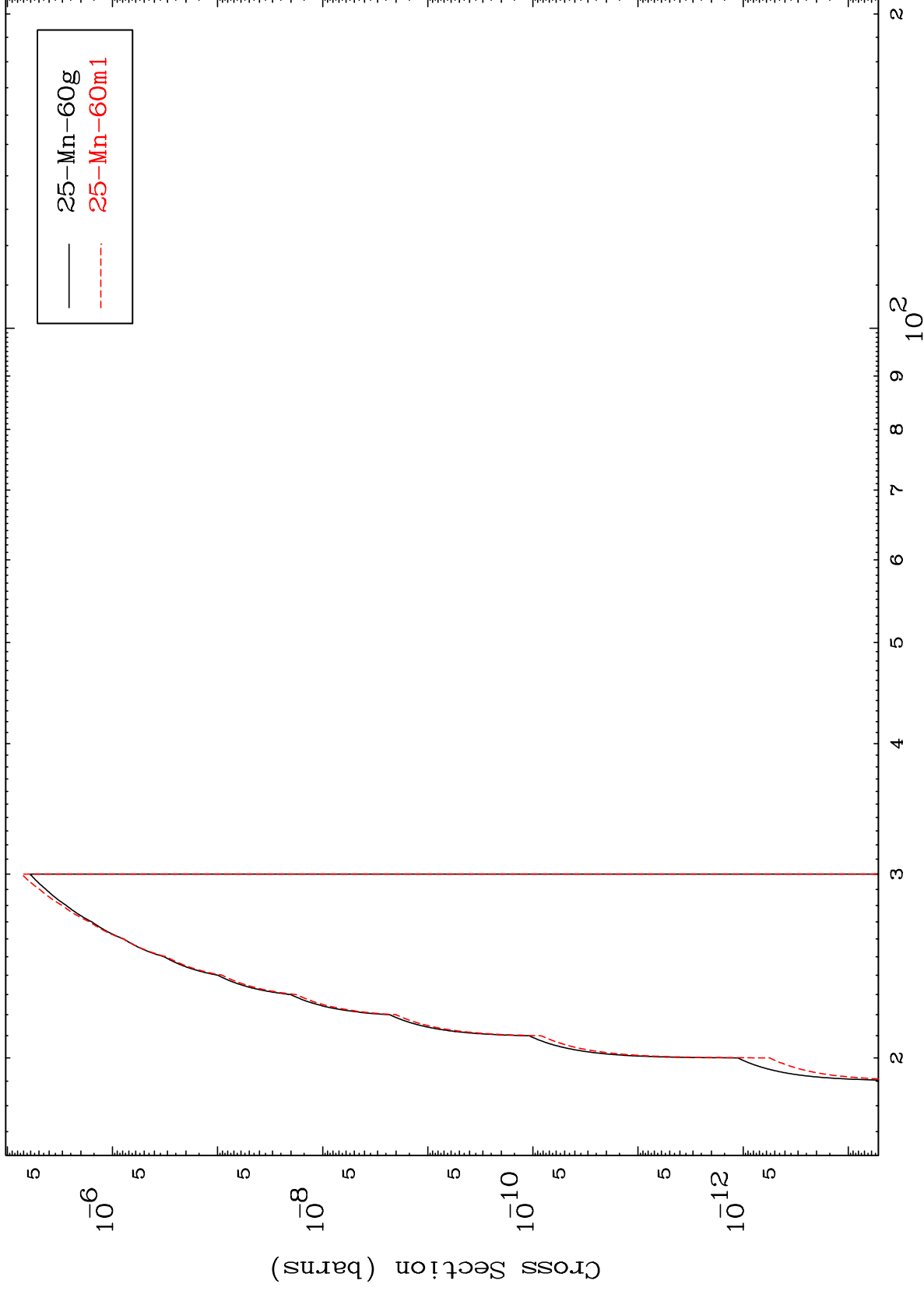
110

27-Co-61

MAT 2731

27-Co-61

(n,2p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

27-Co-61

Radionuclide Production Cross Section

