

Program EVALPLOT
(Version 2021-1)

by

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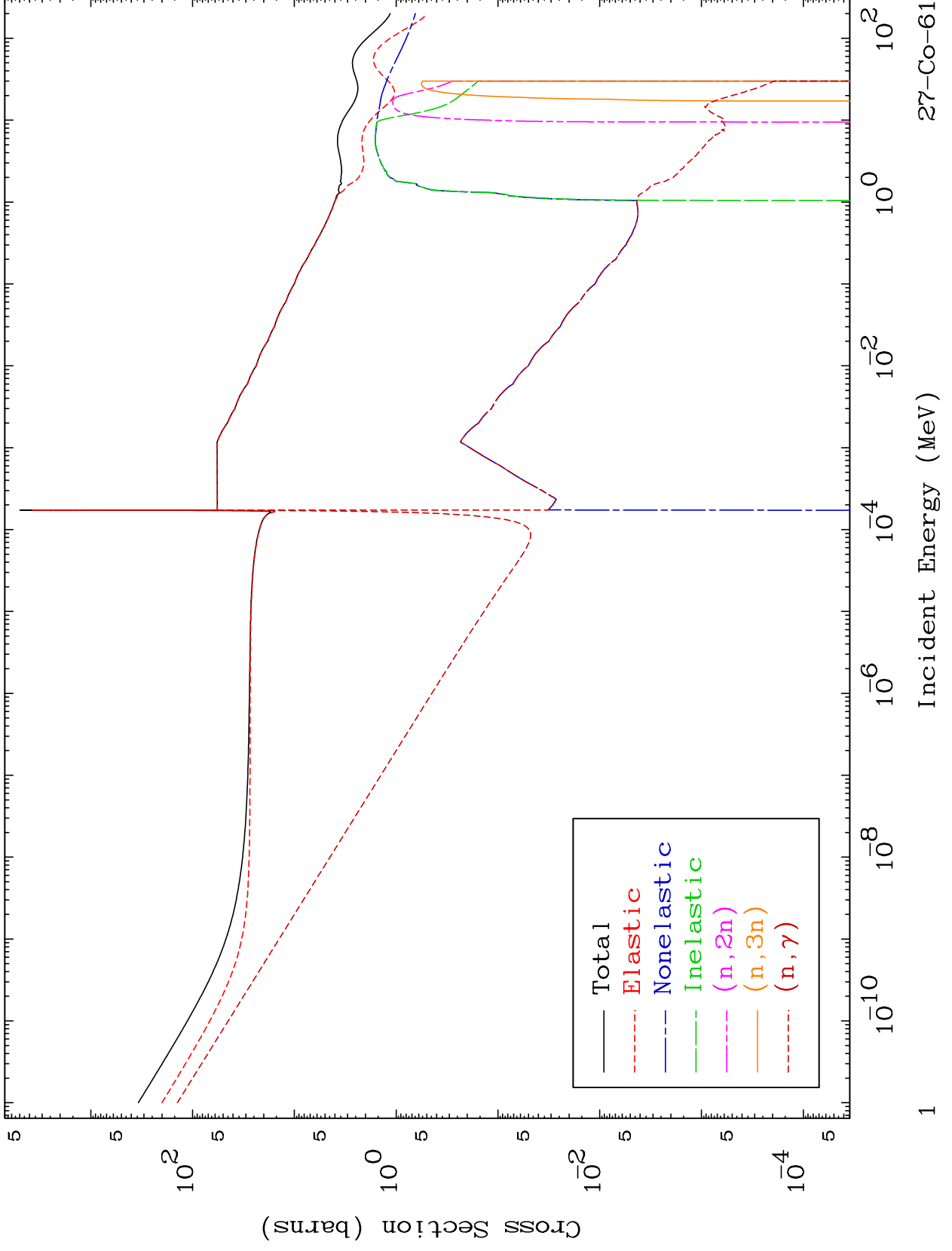
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Press Mouse Button to Start

MAT 2731

Neutron Major
293 Kelvin Cross Sections

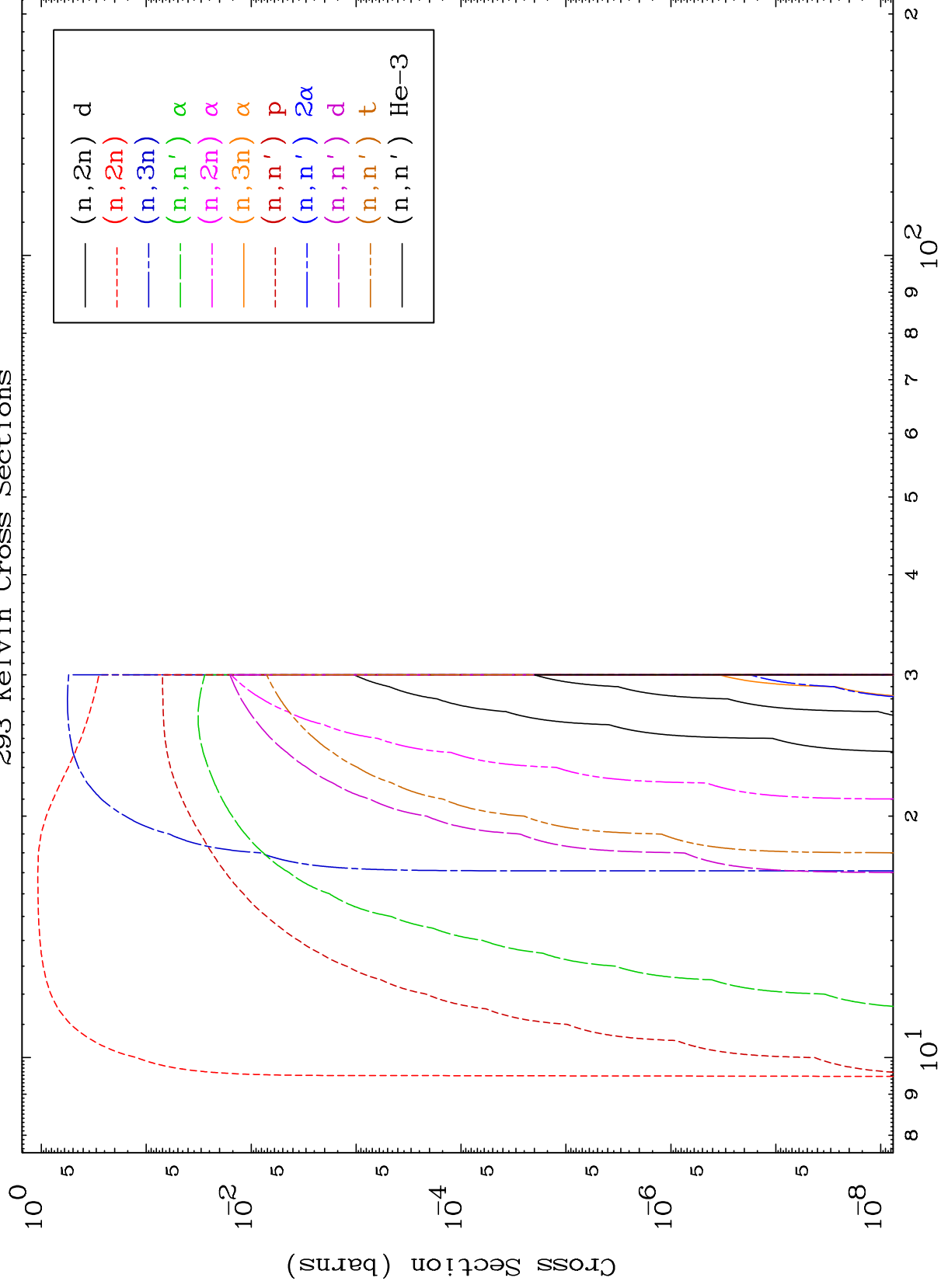
27-Co-61



MAT 2731

Neutron Absorption
293 Kelvin Cross Sections

27-Co-61



2

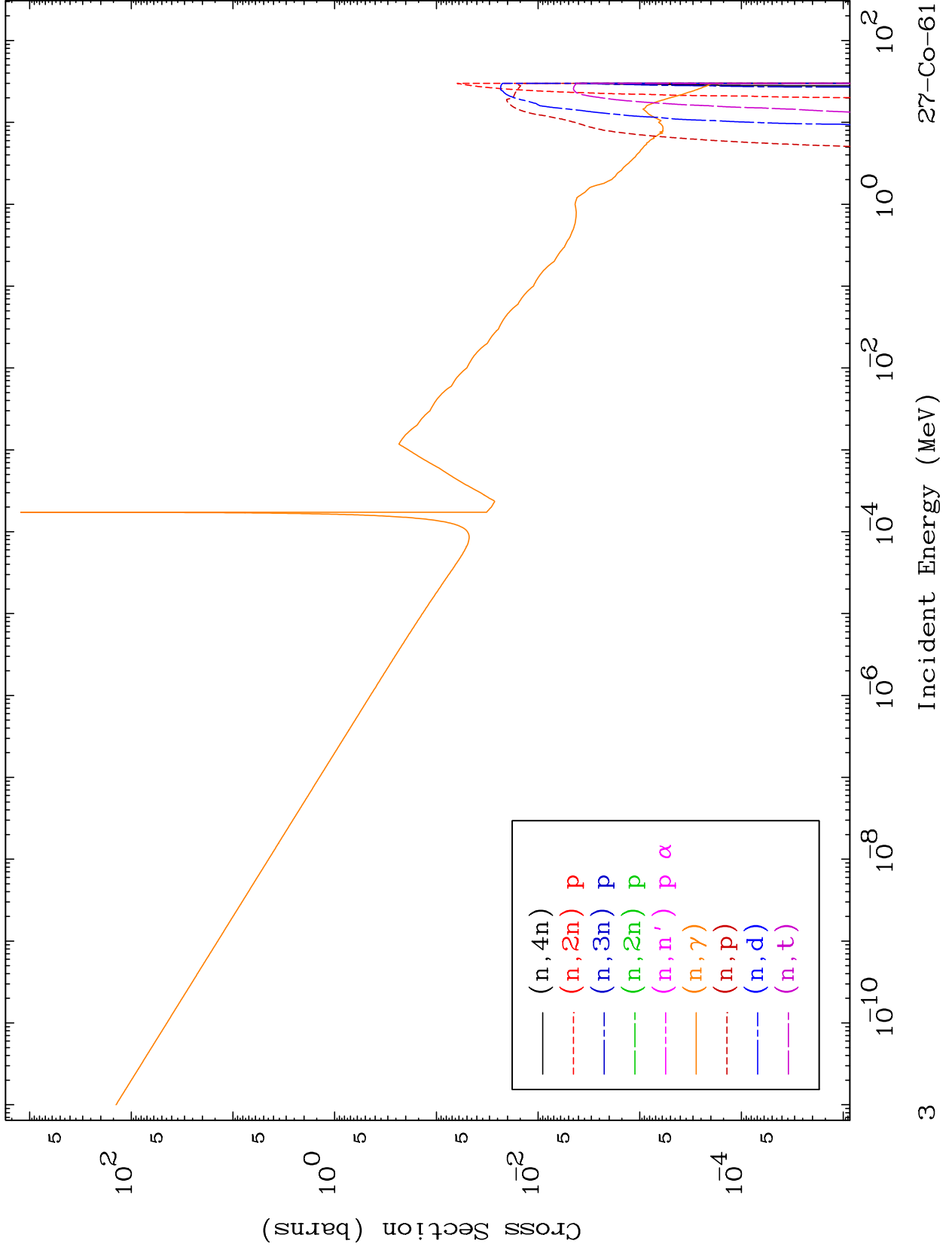
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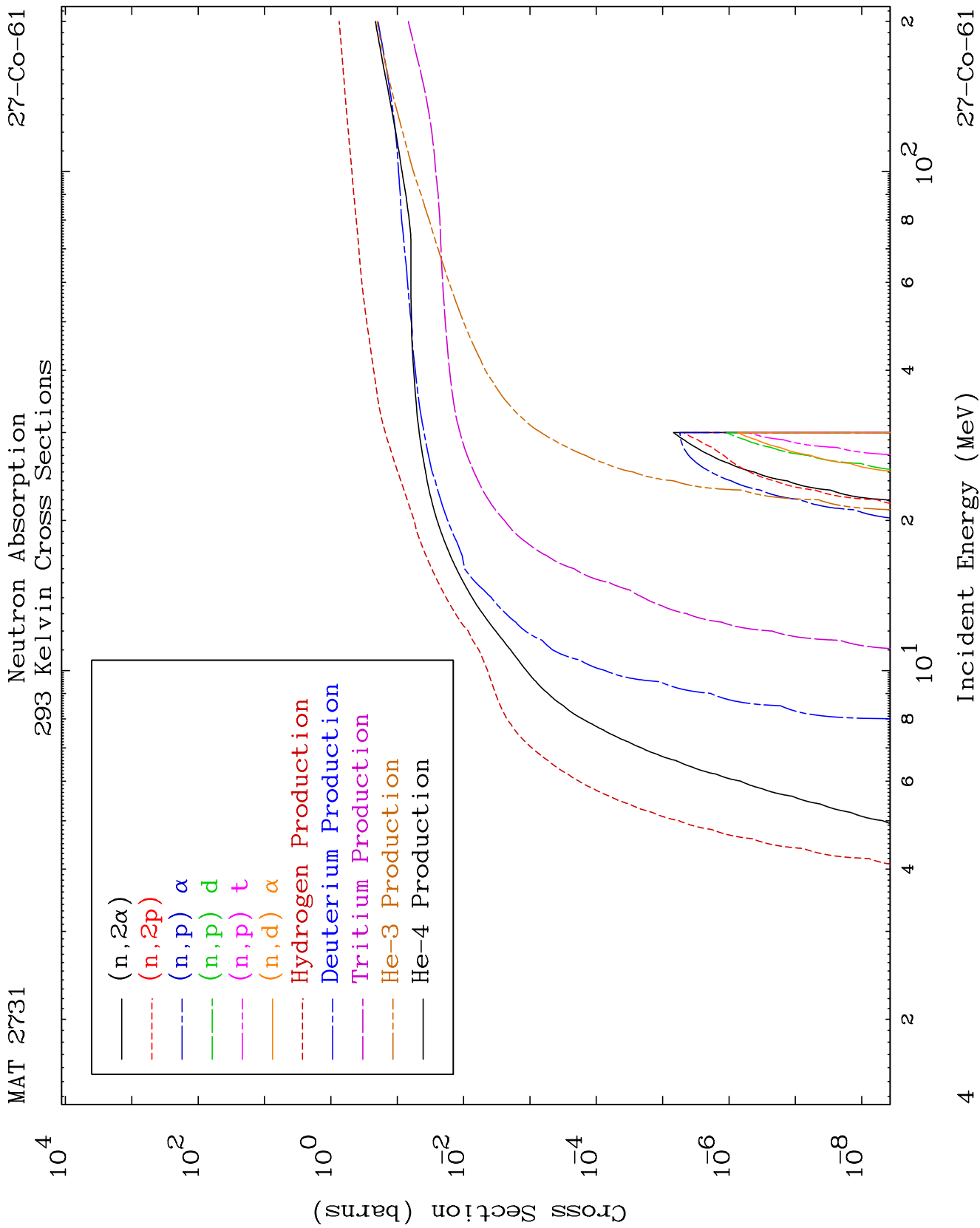
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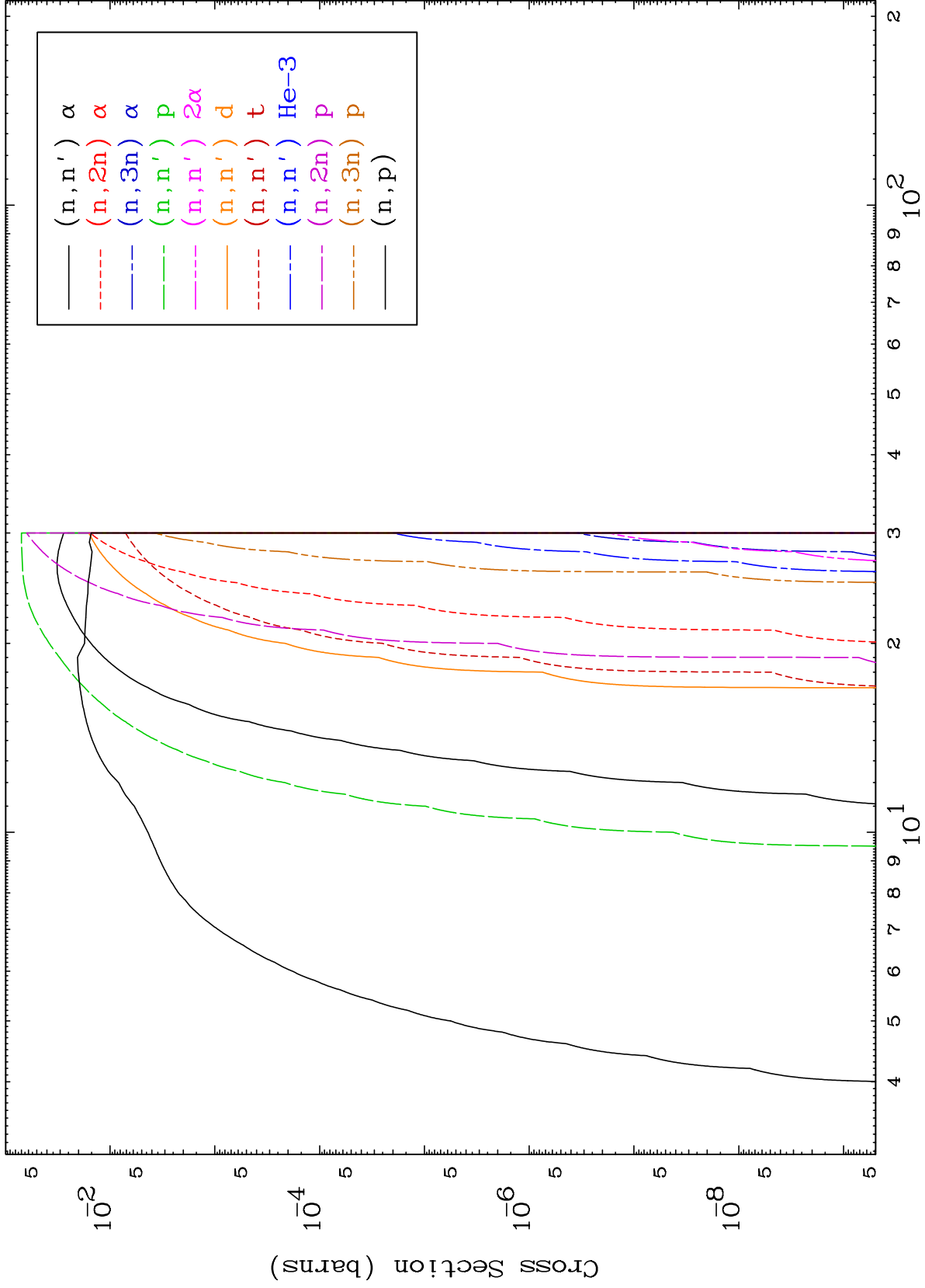
MAT 2731

Neutron Absorption
293 Kelvin Cross Sections

27-Co-61



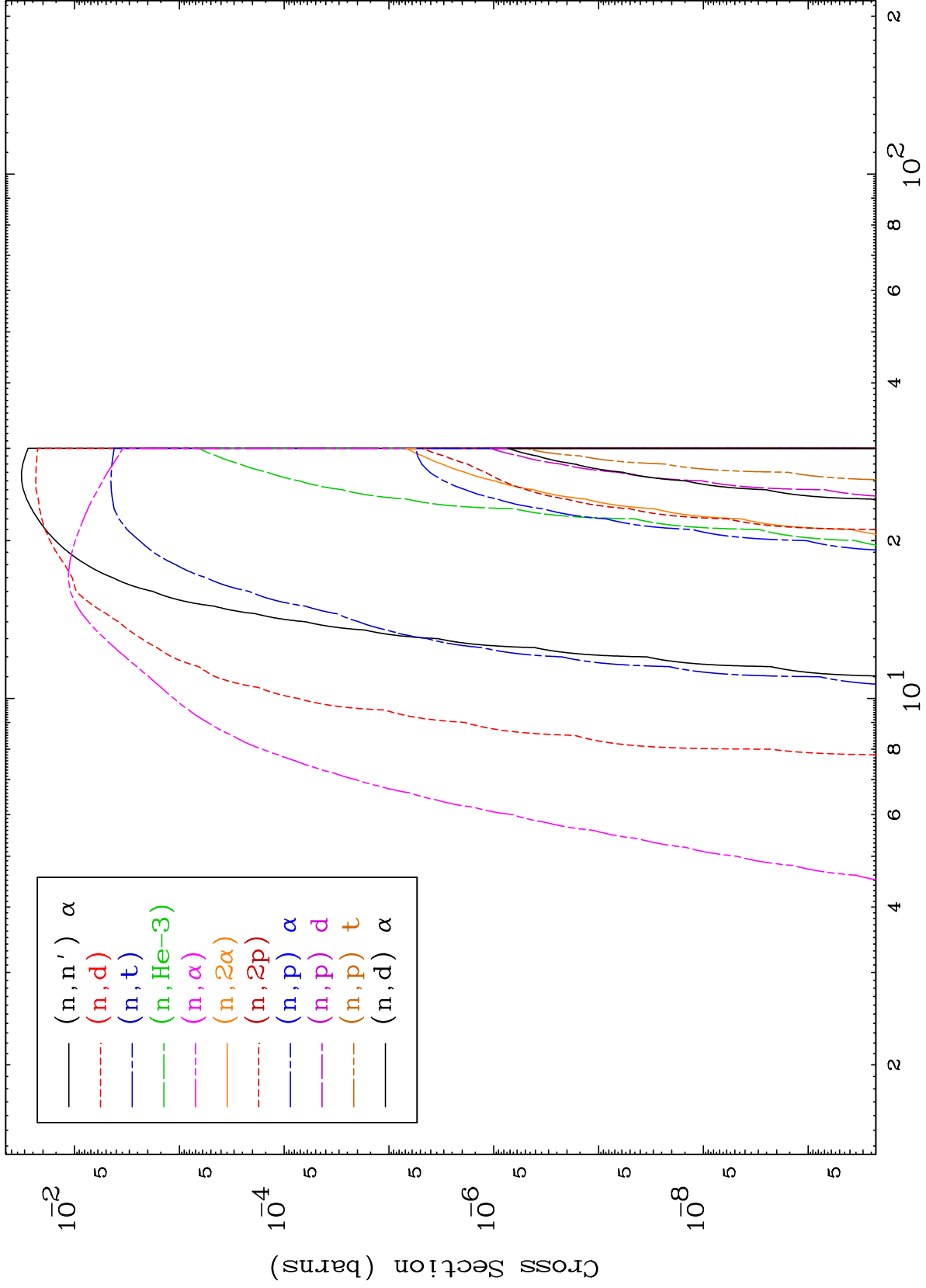




MAT 2731

Charged Particle
293 Kelvin Cross Sections

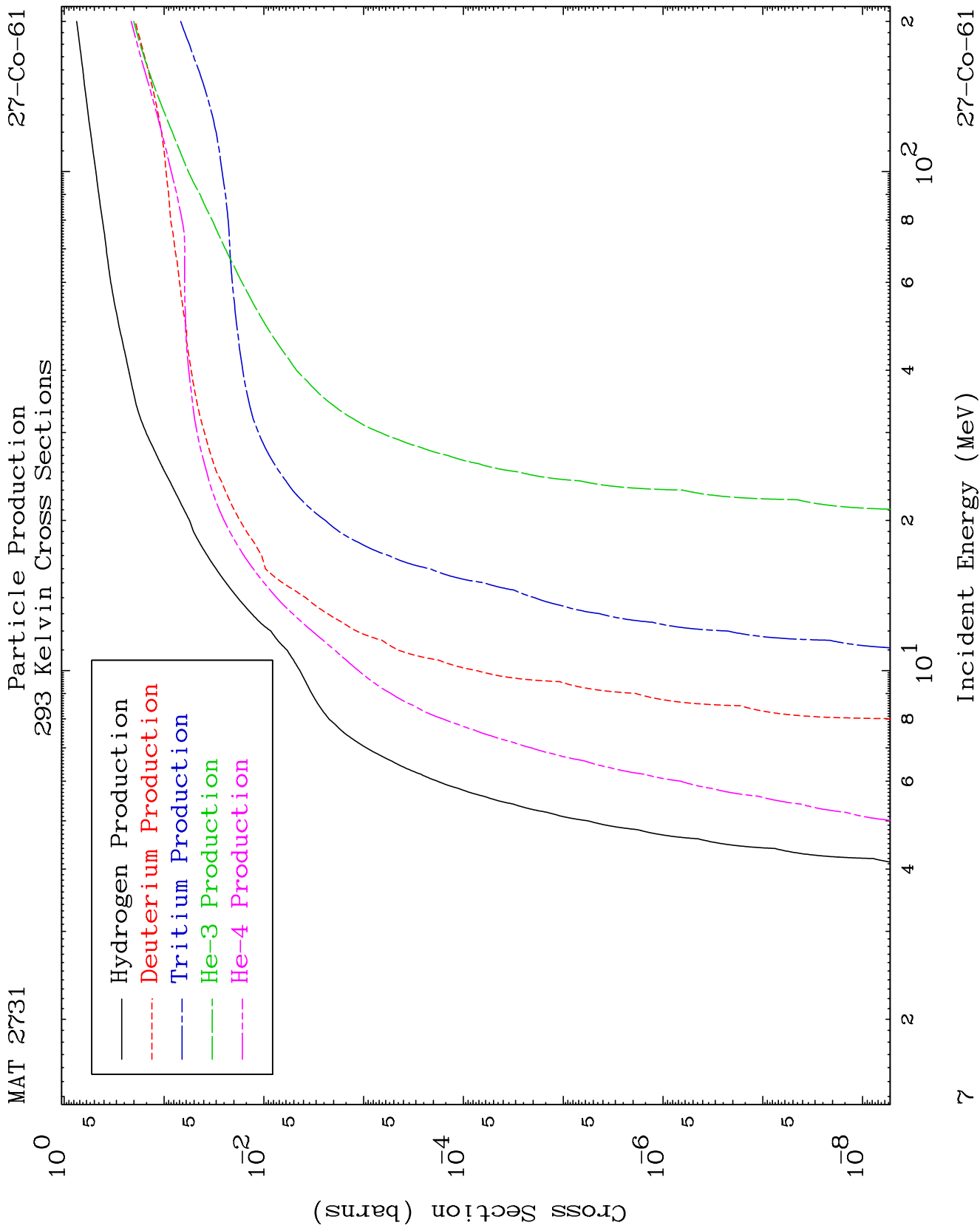
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Incident Energy (MeV)

27-Co-61

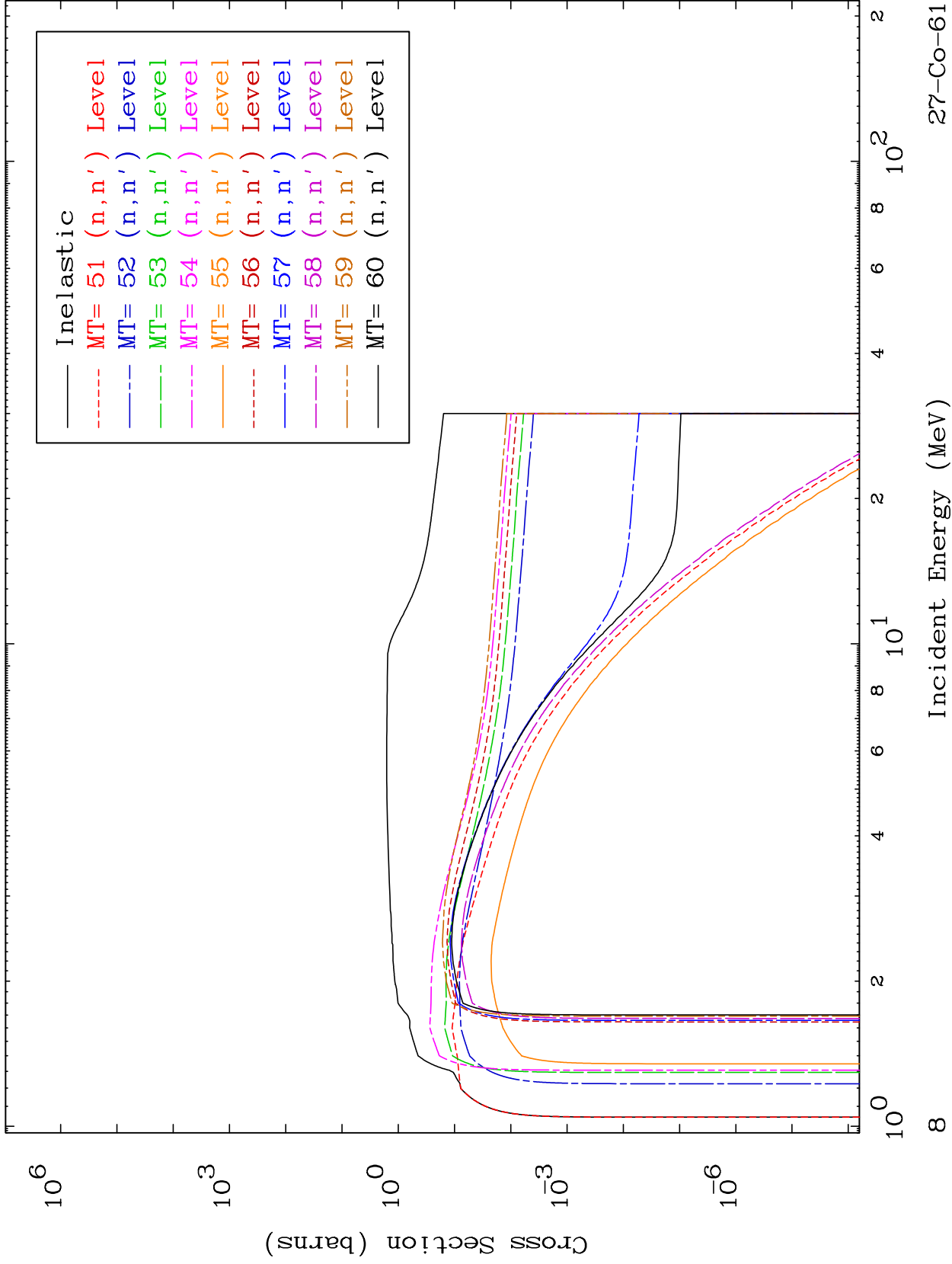


MAT 2731

(n,n') Levels

293 Kelvin Cross Sections

27-Co-61



Incident Energy (MeV)

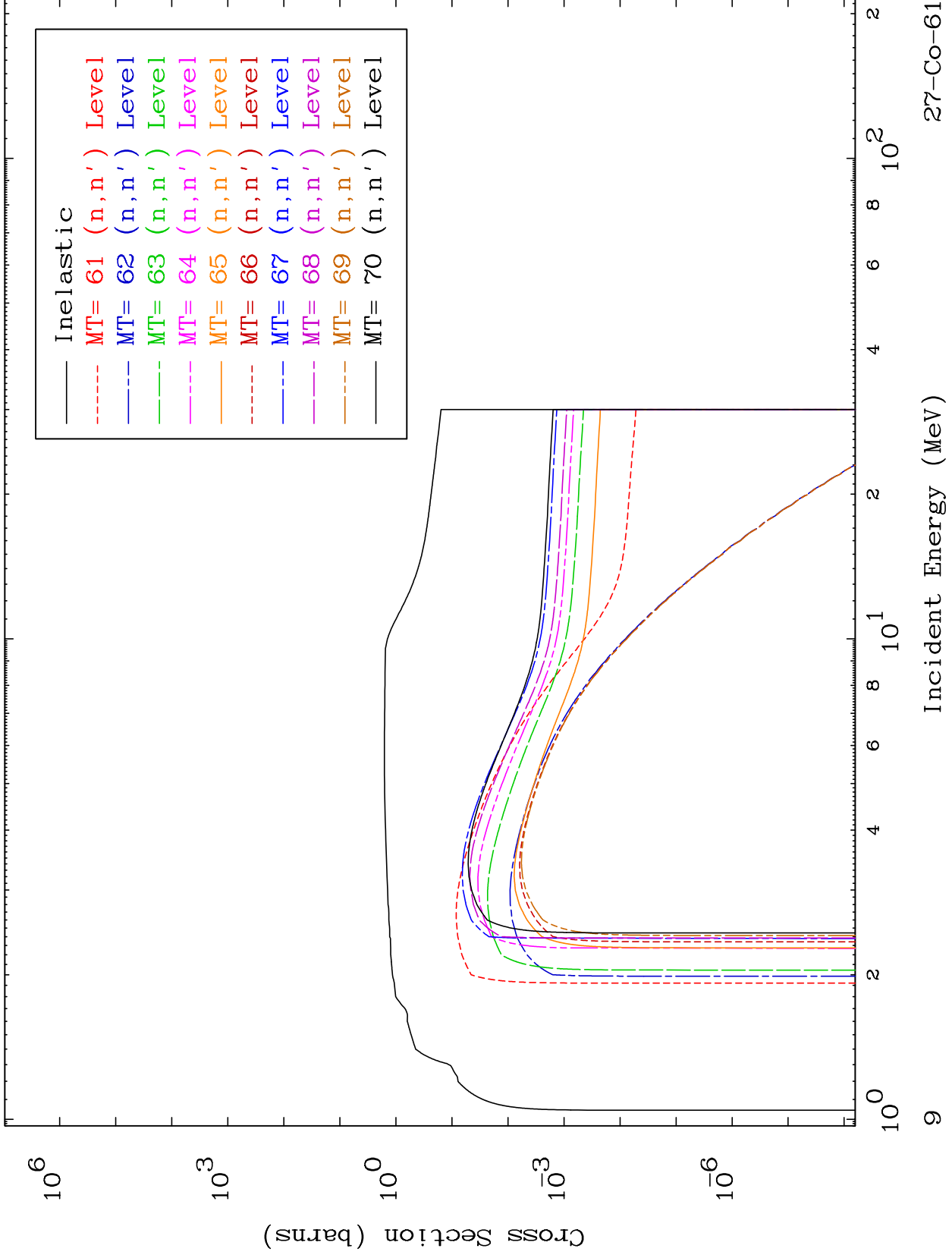
27-Co-61

MAT 2731

(n,n') Levels

27-Co-61

293 Kelvin Cross Sections



Incident Energy (MeV)

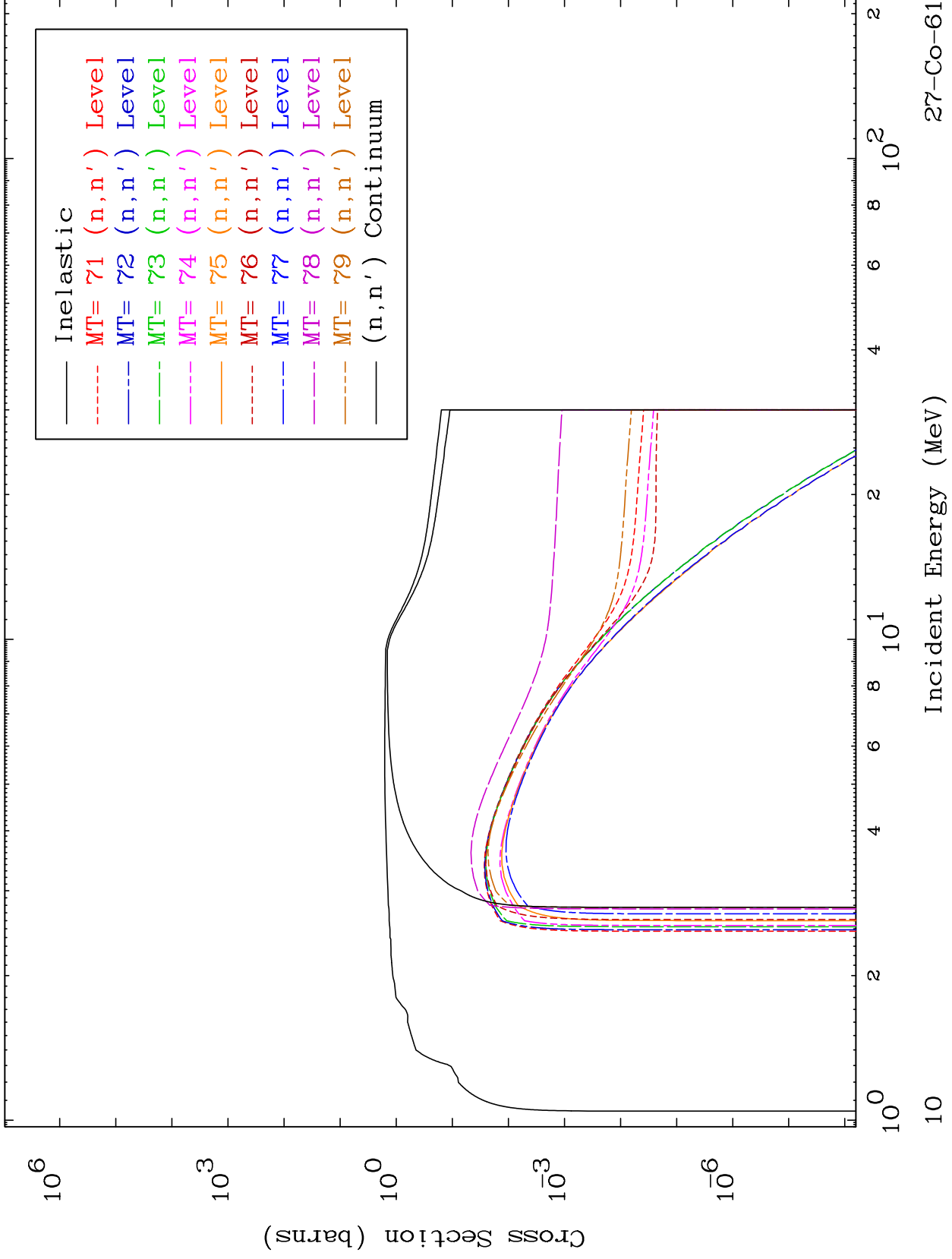
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MAT 2731

(n,n') Levels

27-Co-61

293 Kelvin Cross Sections

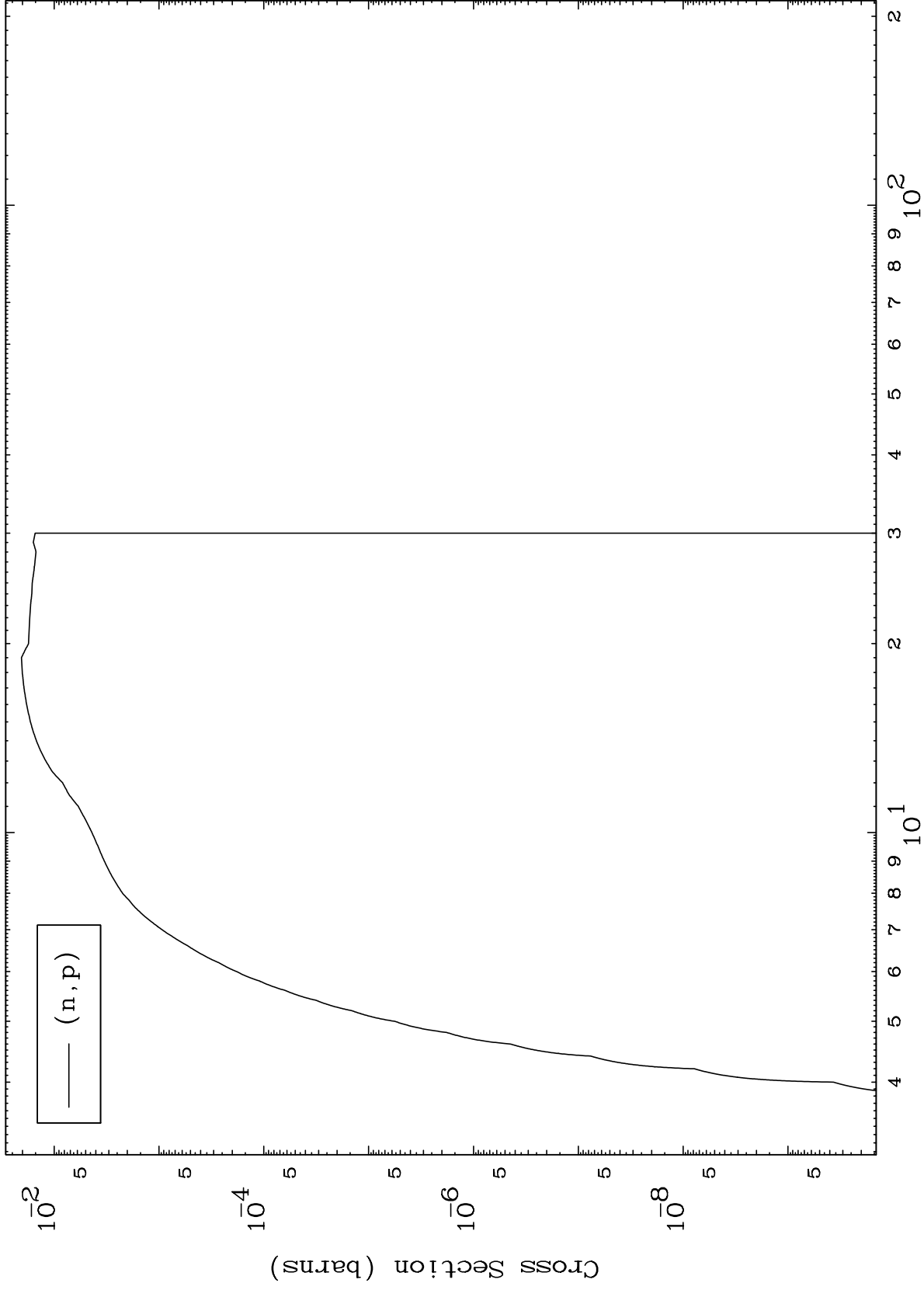


27-Co-61

MAT 2731

(n,p) Levels
293 Kelvin Cross Sections

²⁷Co-61



11

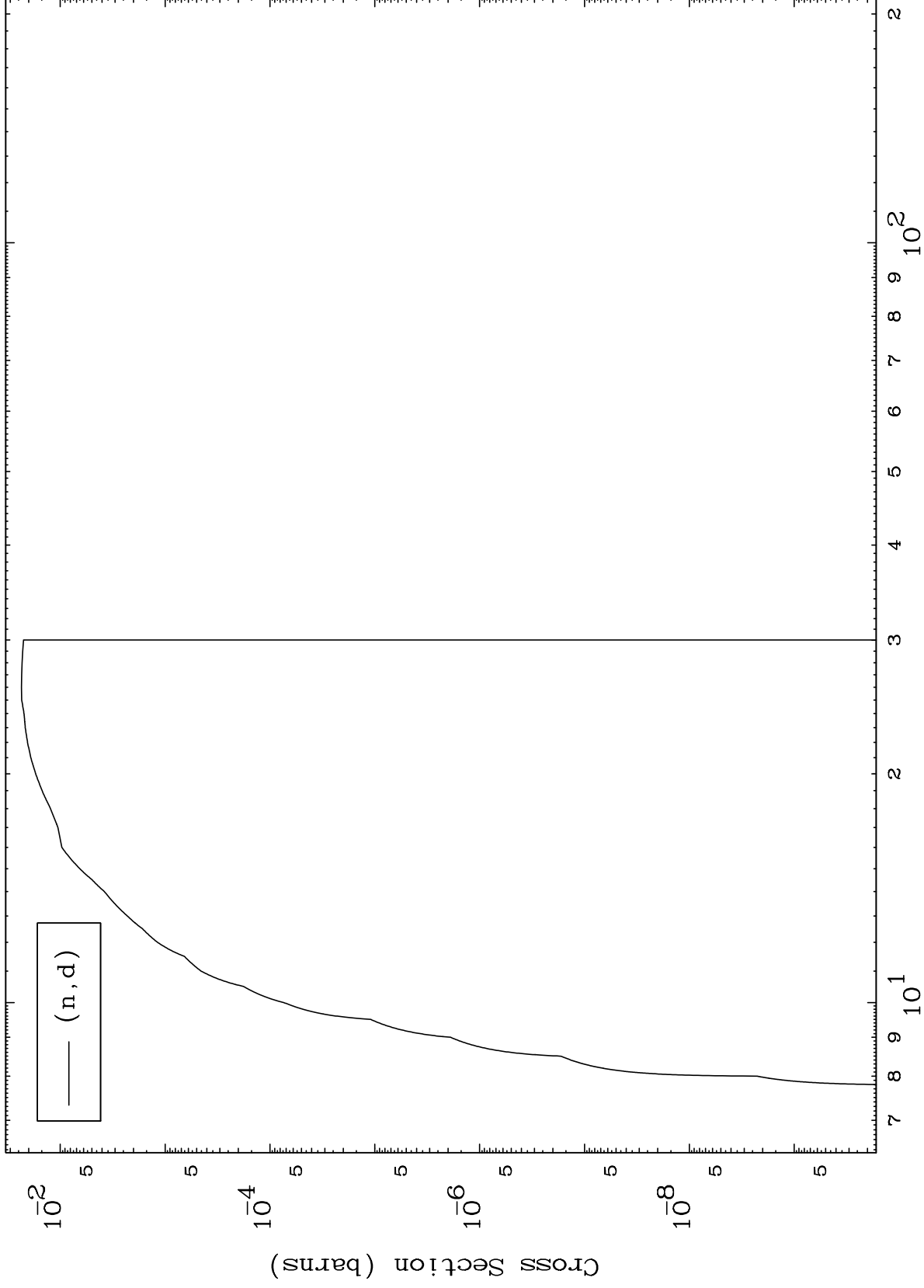
Incident Energy (MeV)

²⁷Co-61

MAT 2731

(n,d) Levels
293 Kelvin Cross Sections

27-Co-61



12

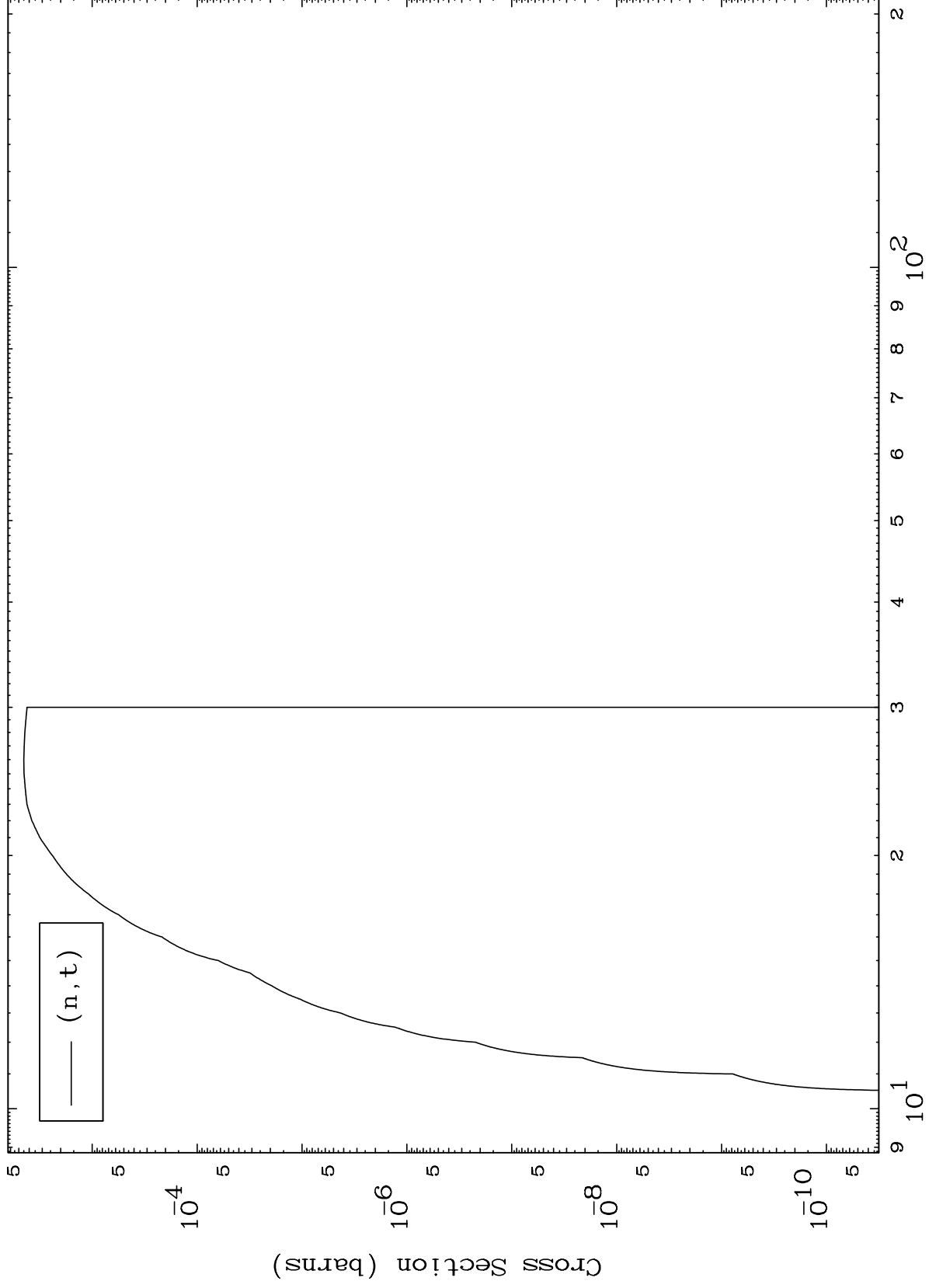
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,t) Levels
293 Kelvin Cross Sections

²⁷Co-61



13

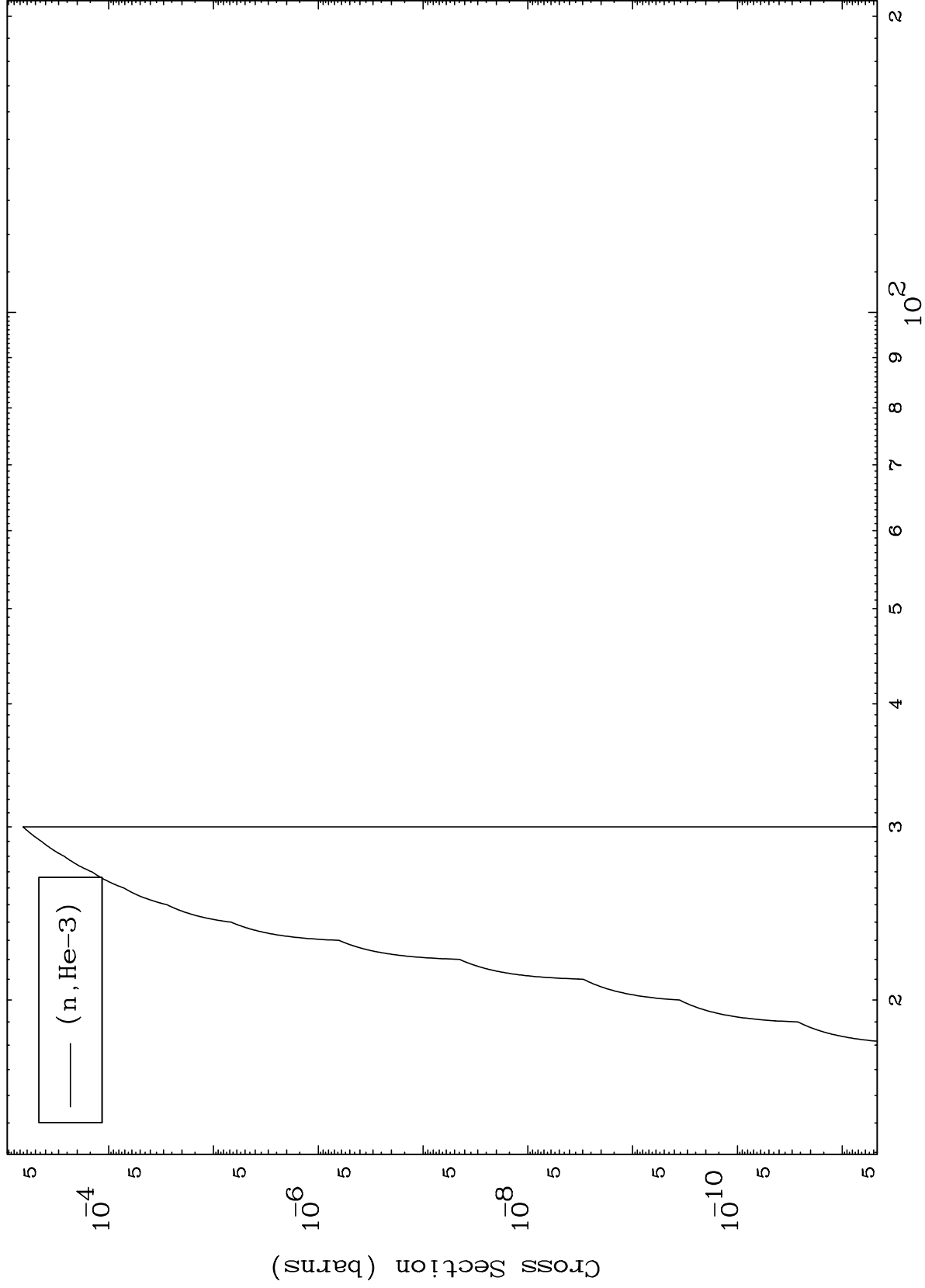
Incident Energy (MeV)

²⁷Co-61

MAT 2731

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-61



14

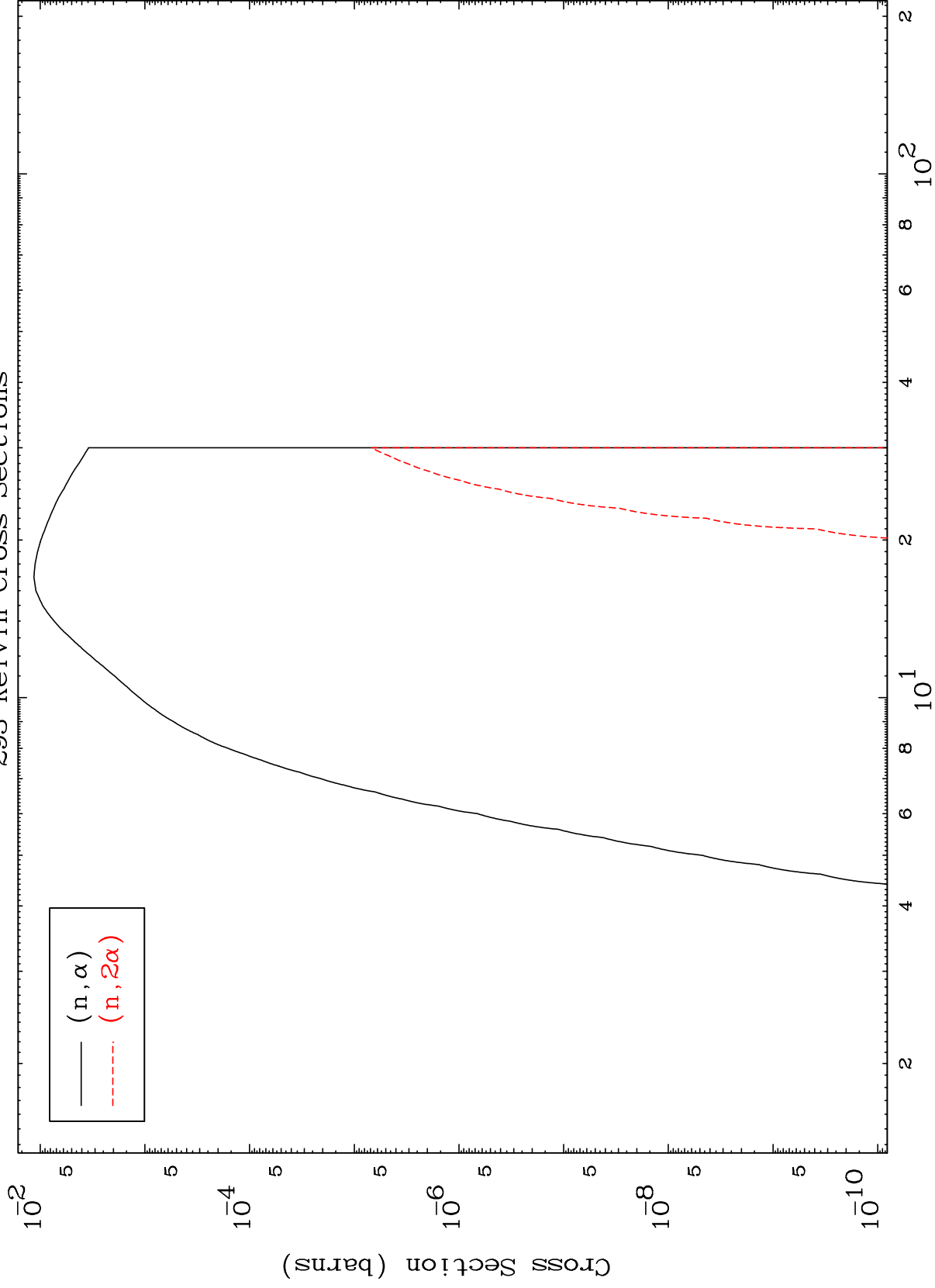
Incident Energy (MeV)

27-Co-61

MAT 2731

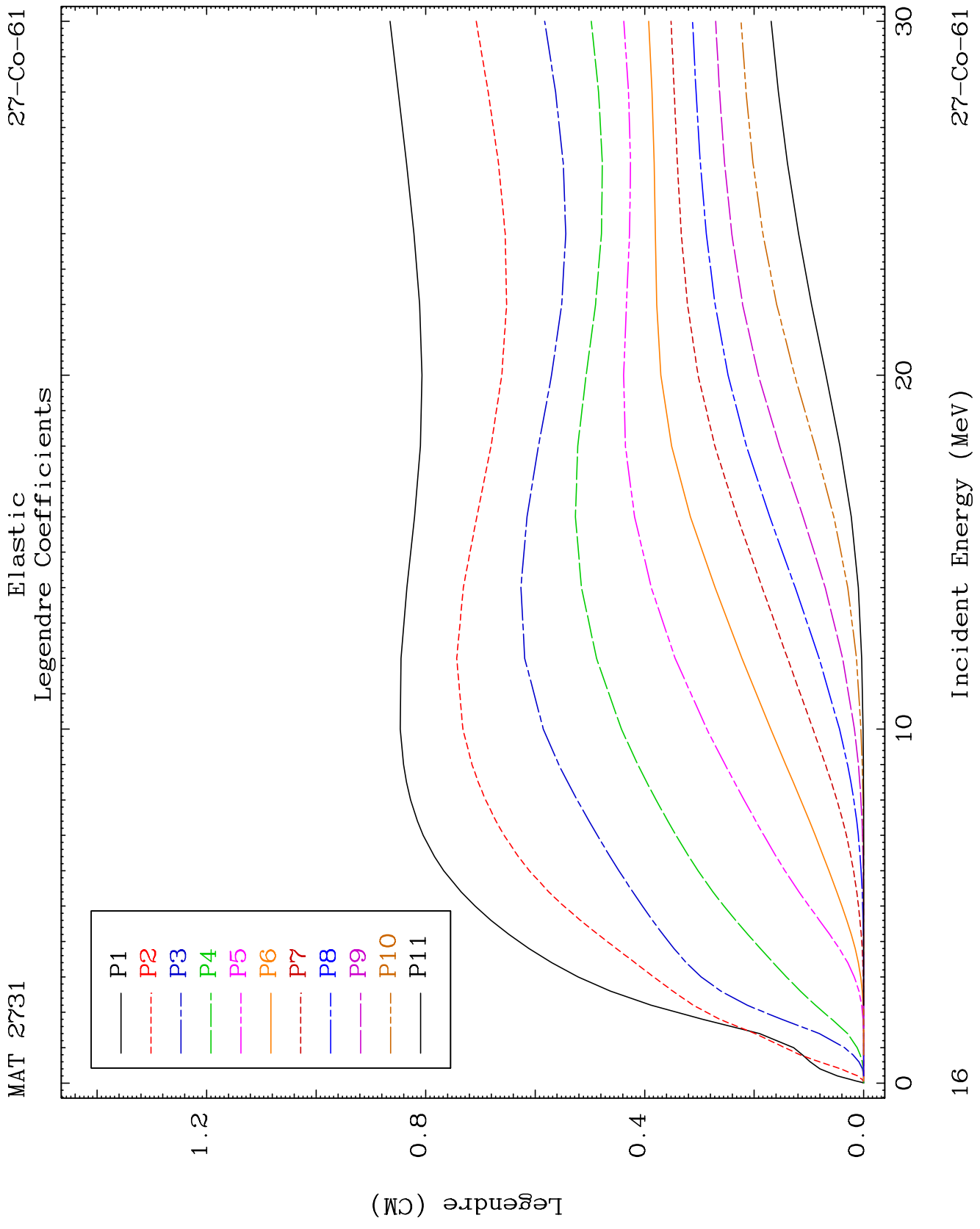
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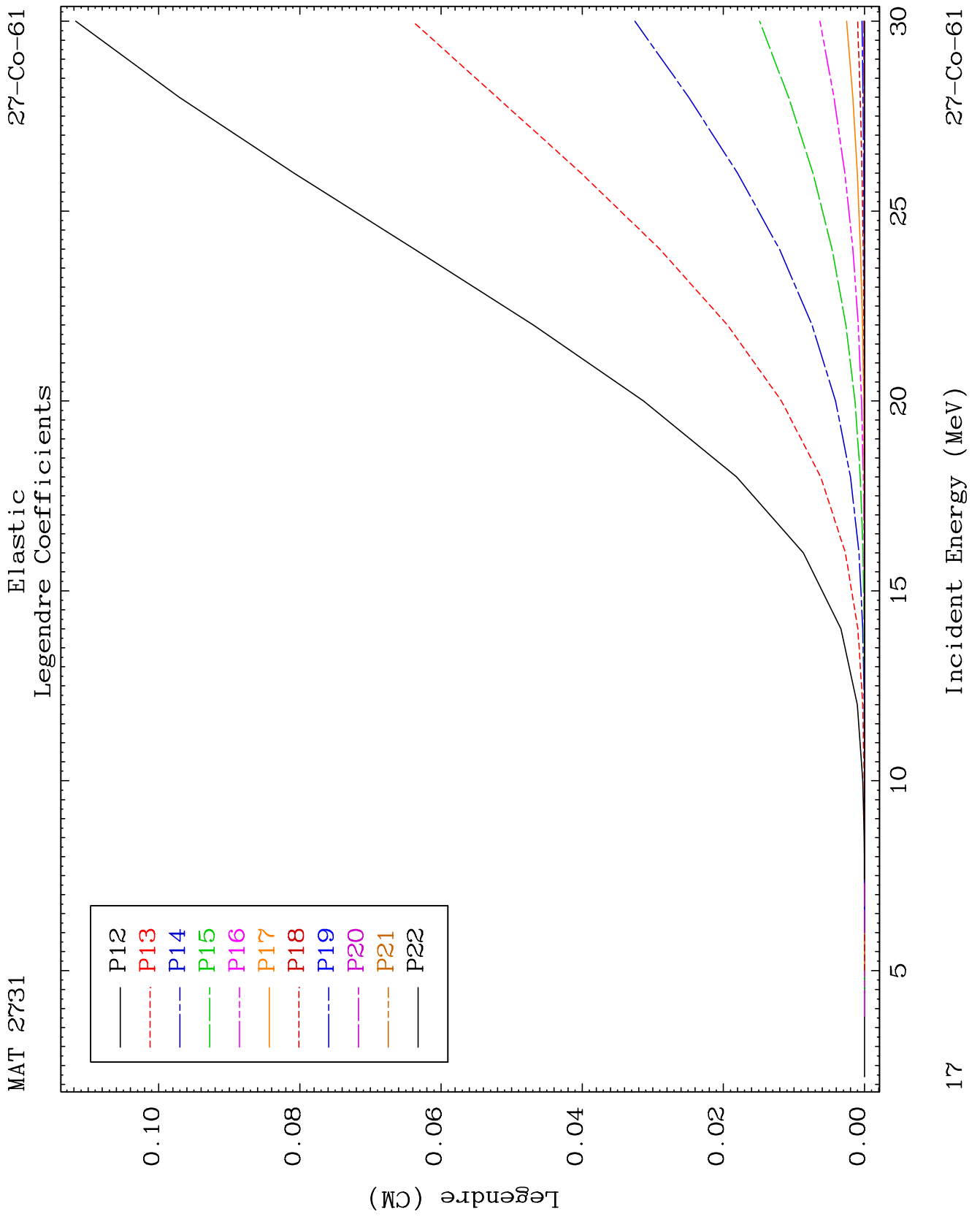
(n, α) Levels
293 Kelvin Cross Sections

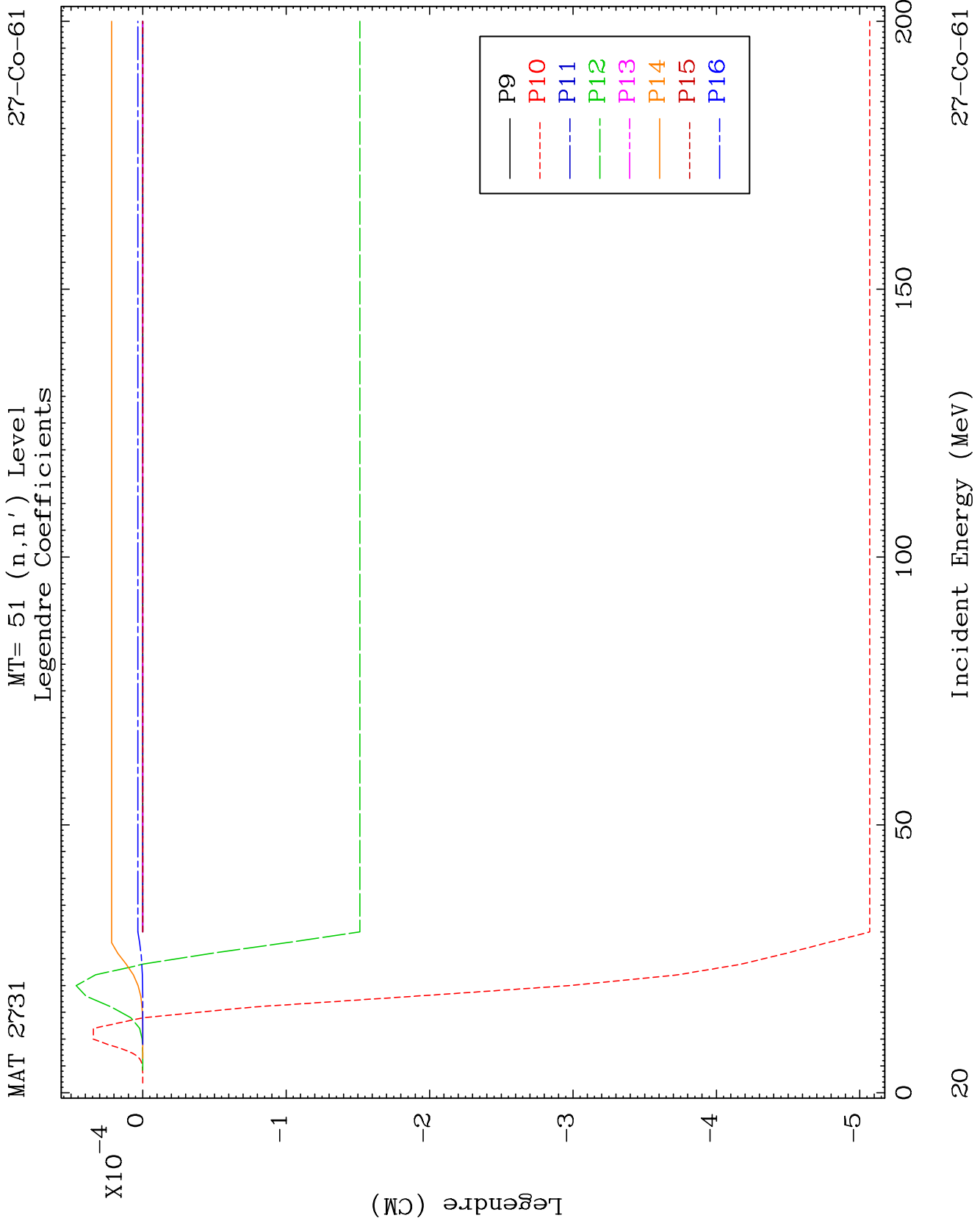


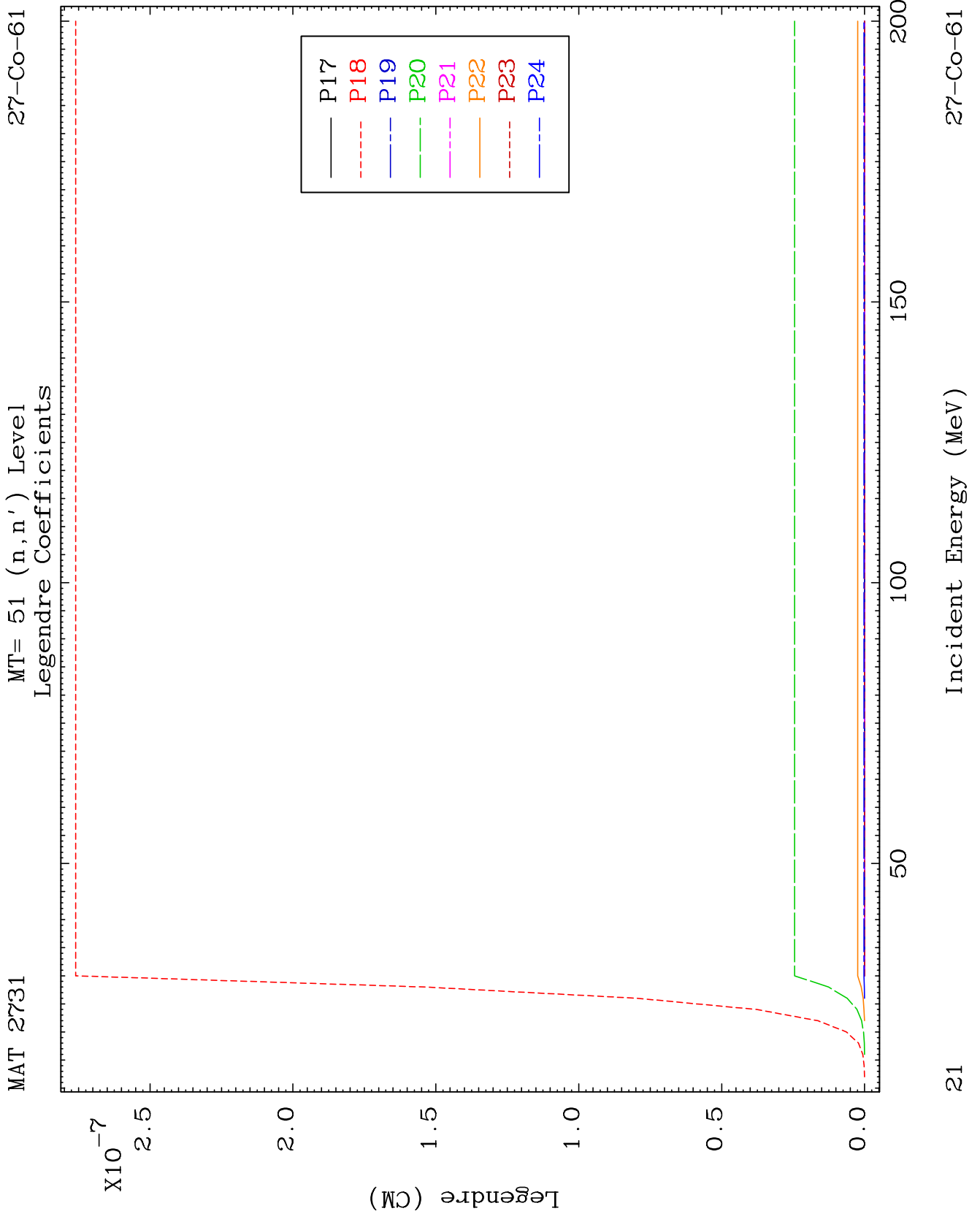
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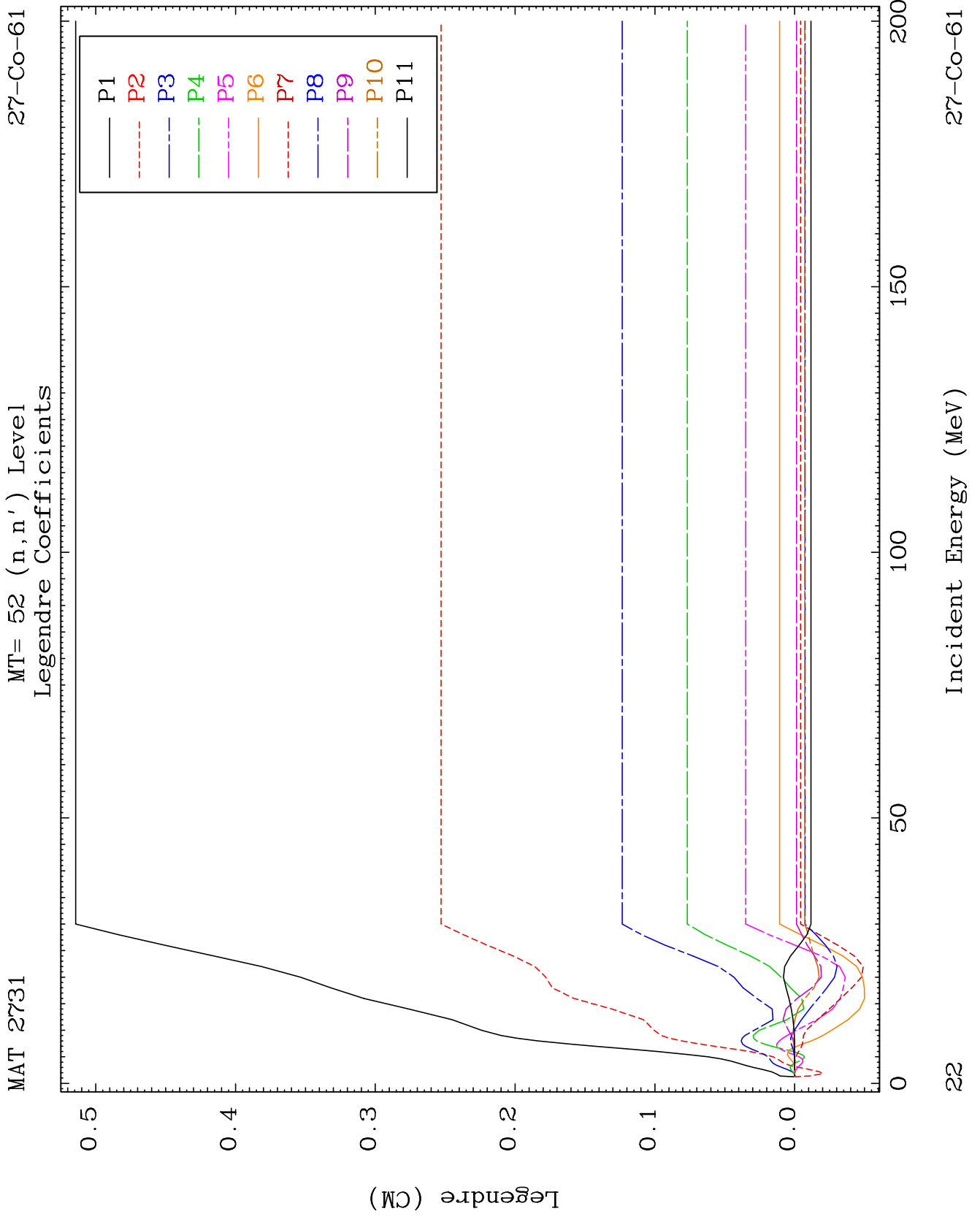
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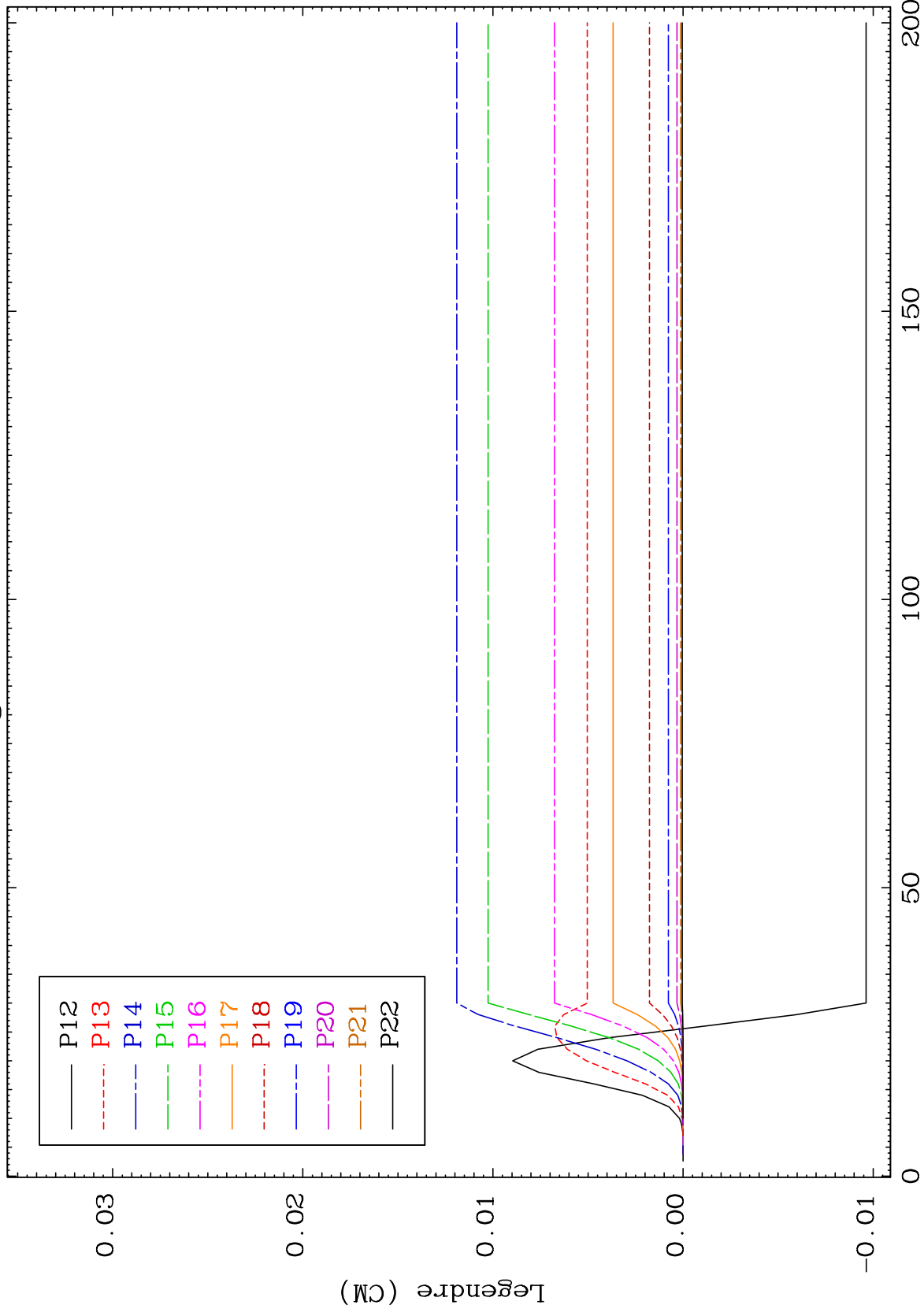




MAT 2731

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

27-Co-61



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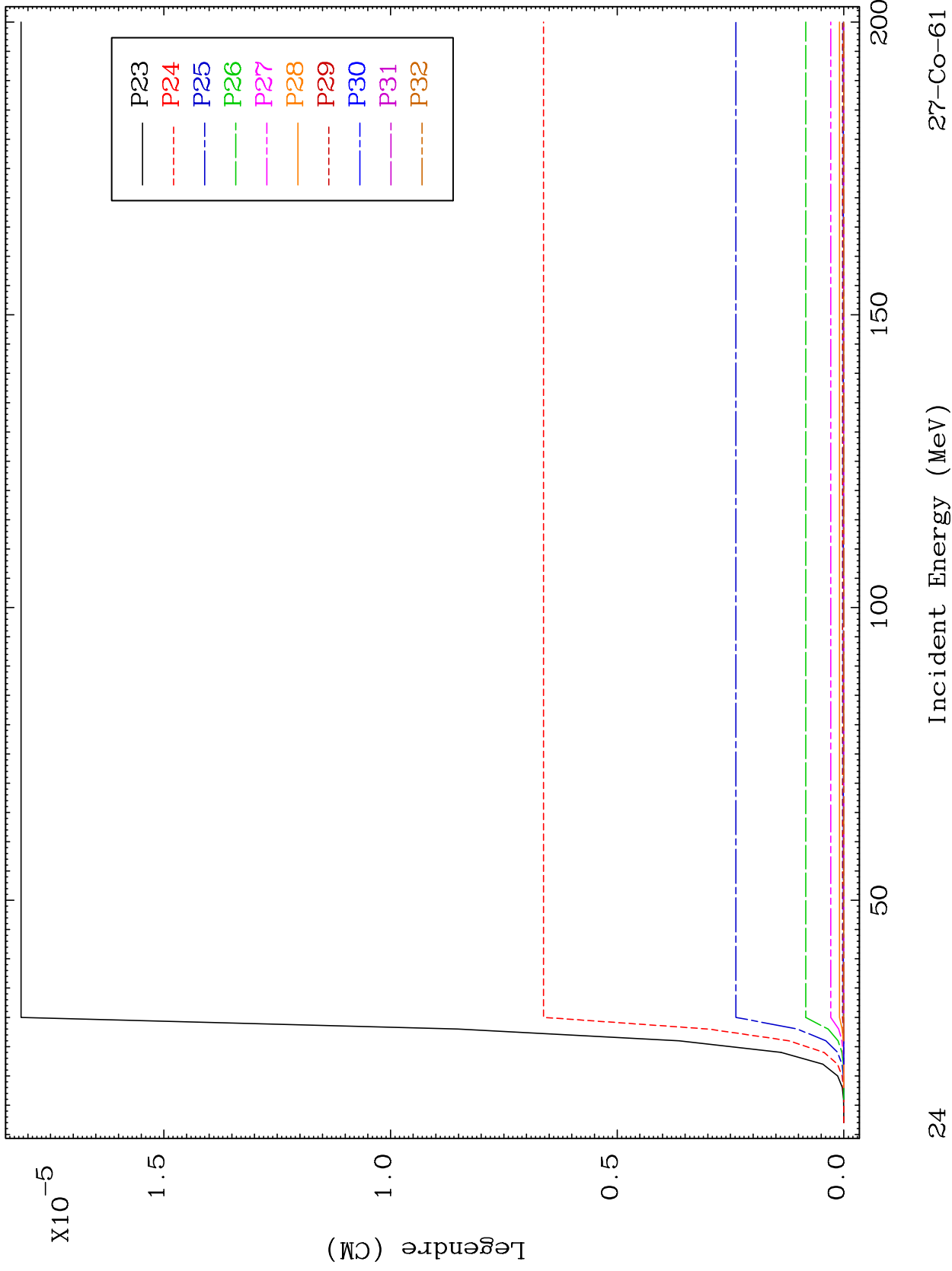
Incident Energy (MeV)

27-Co-61

MAT 2731

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

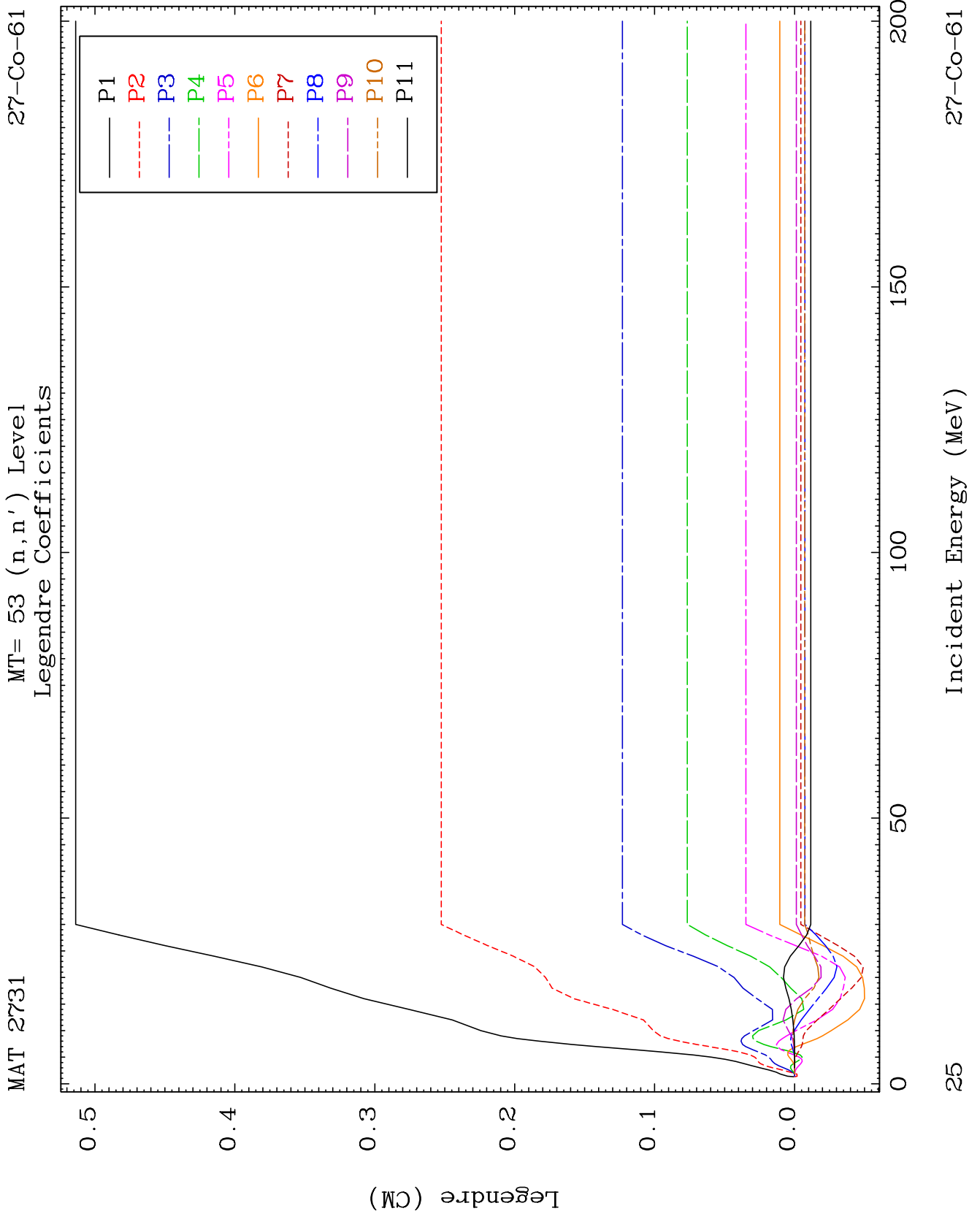
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Incident Energy (MeV)

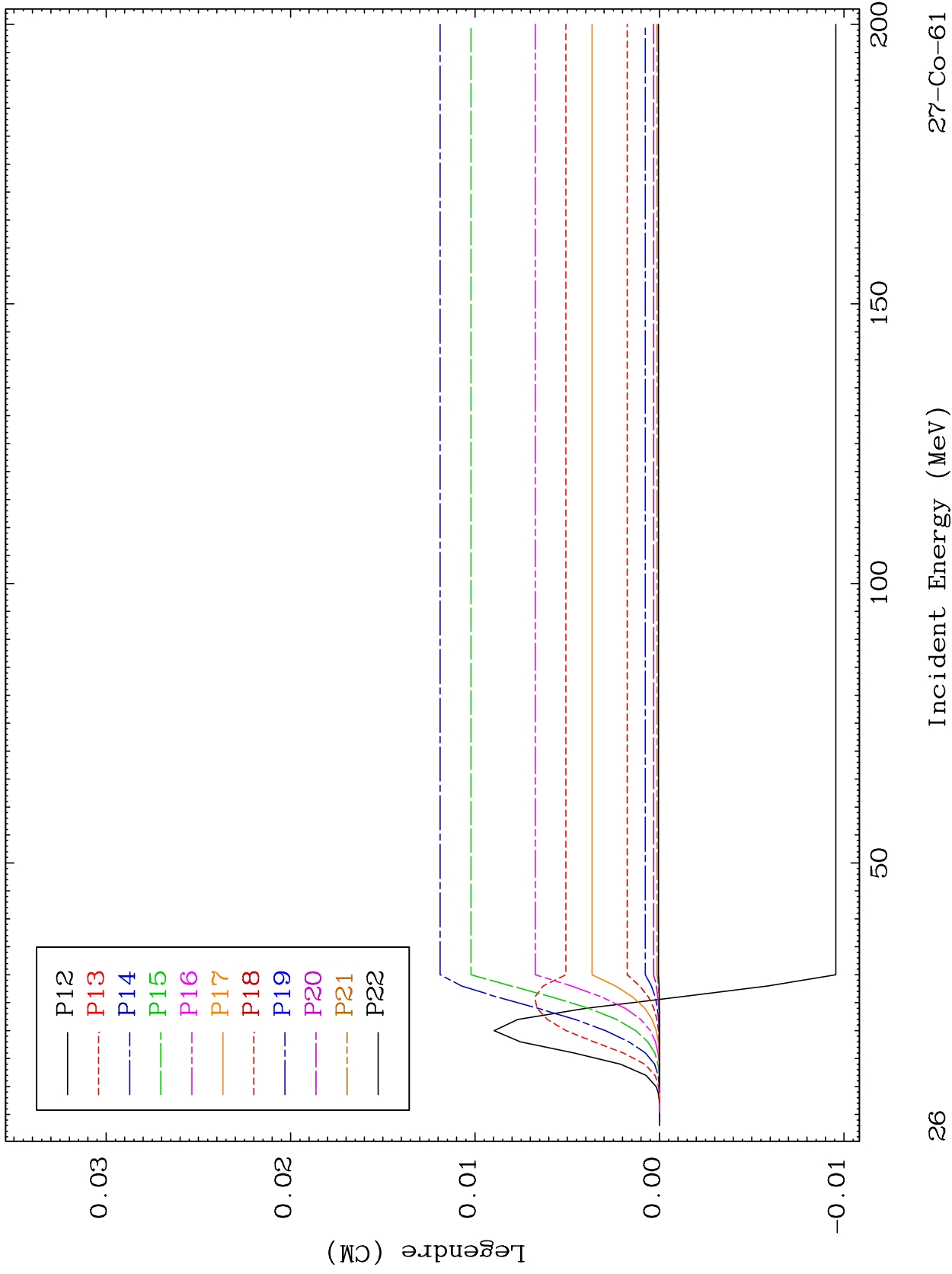
27-Co-61



MAT 2731

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

27-Co-61



26

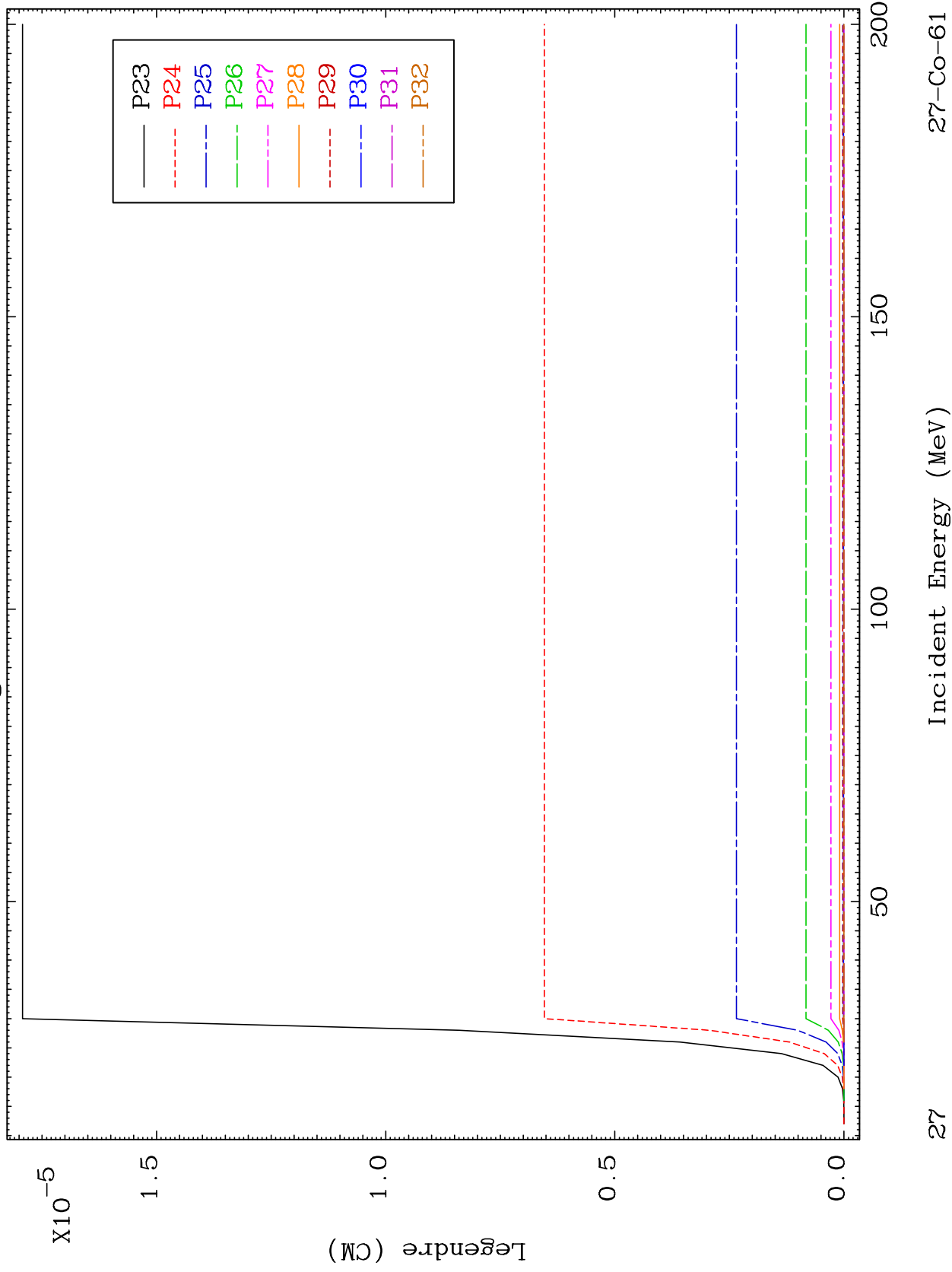
Incident Energy (MeV)

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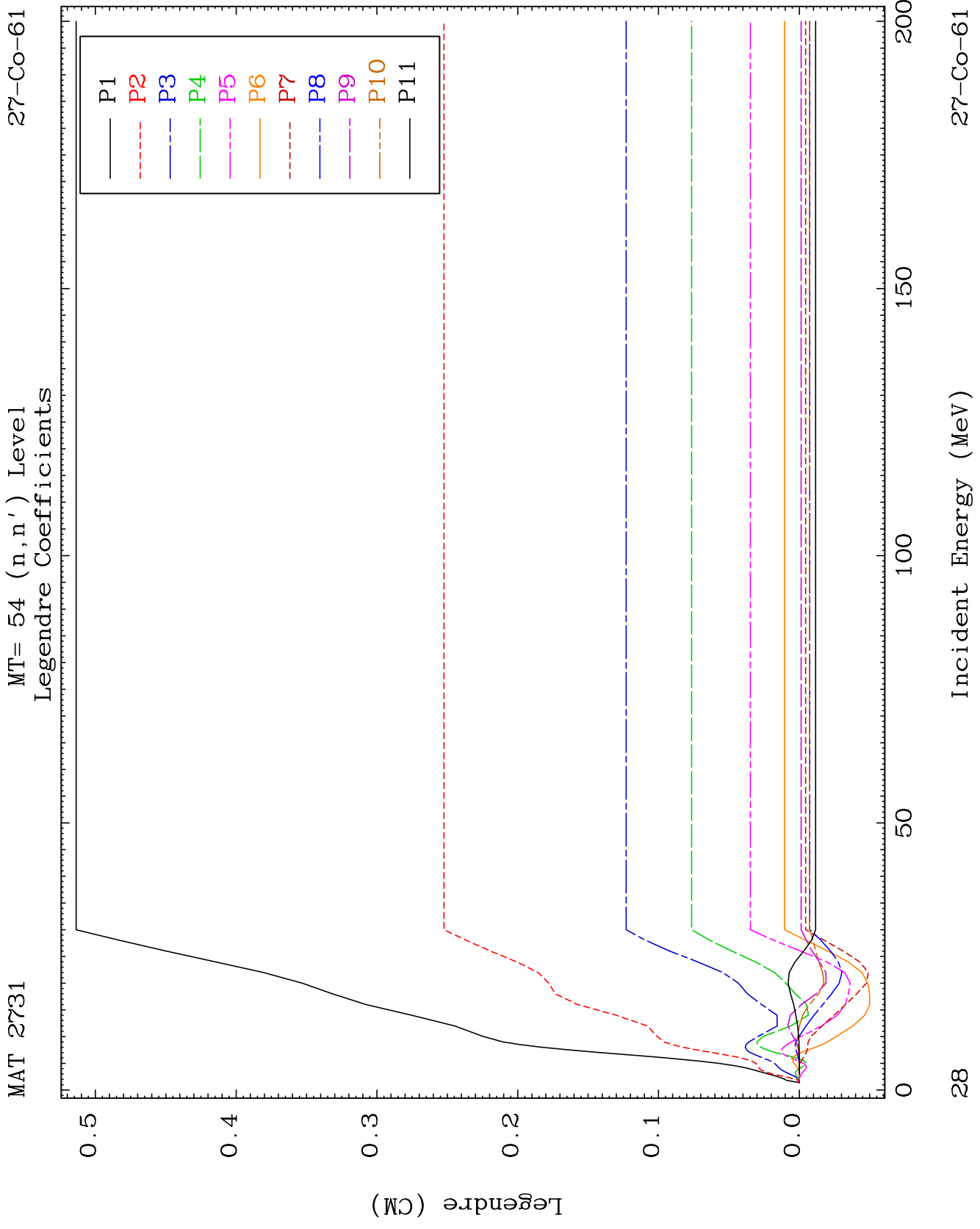
MAT 2731

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

27-Co-61



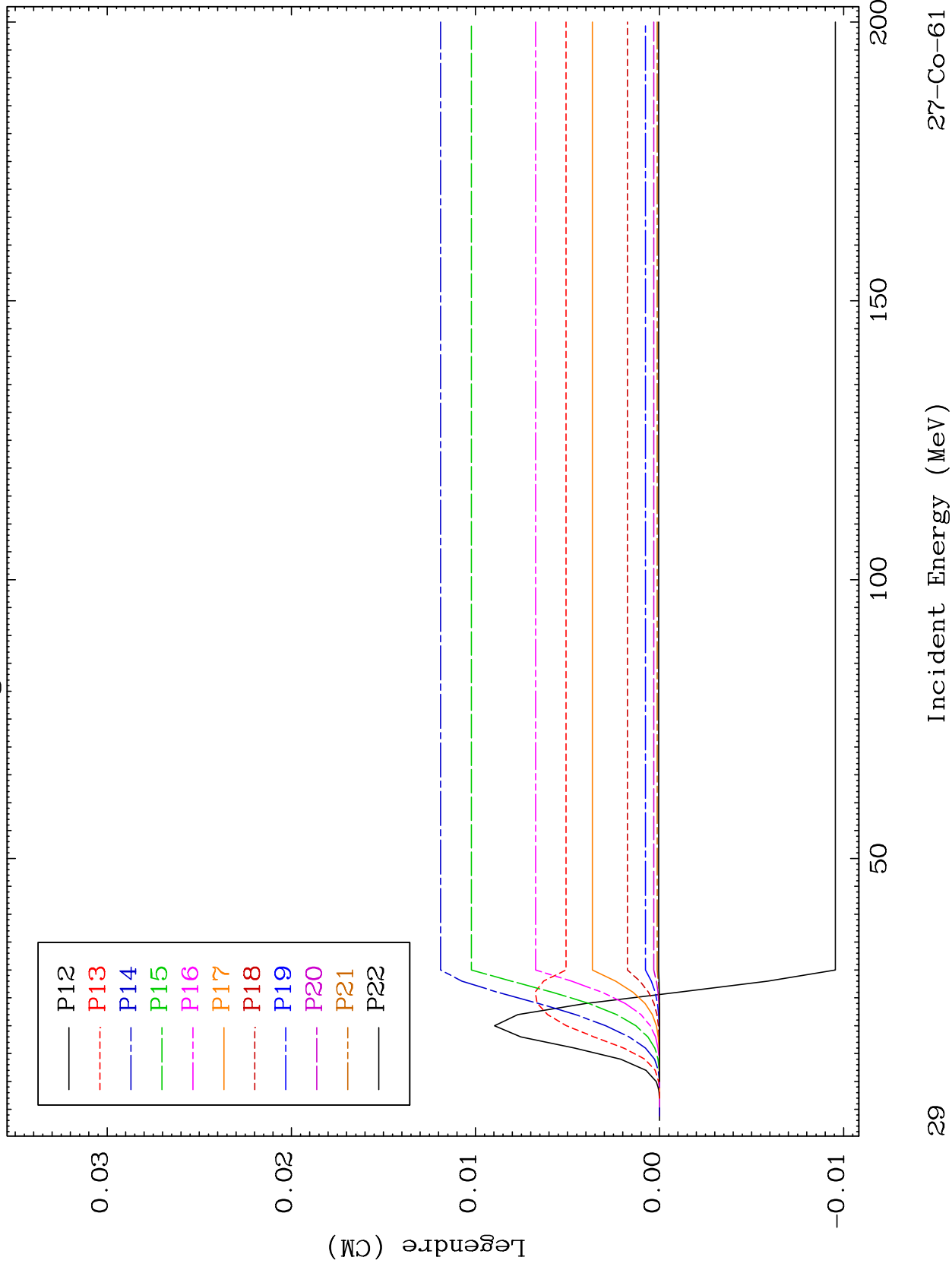
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MAT 2731

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

27-Co-61



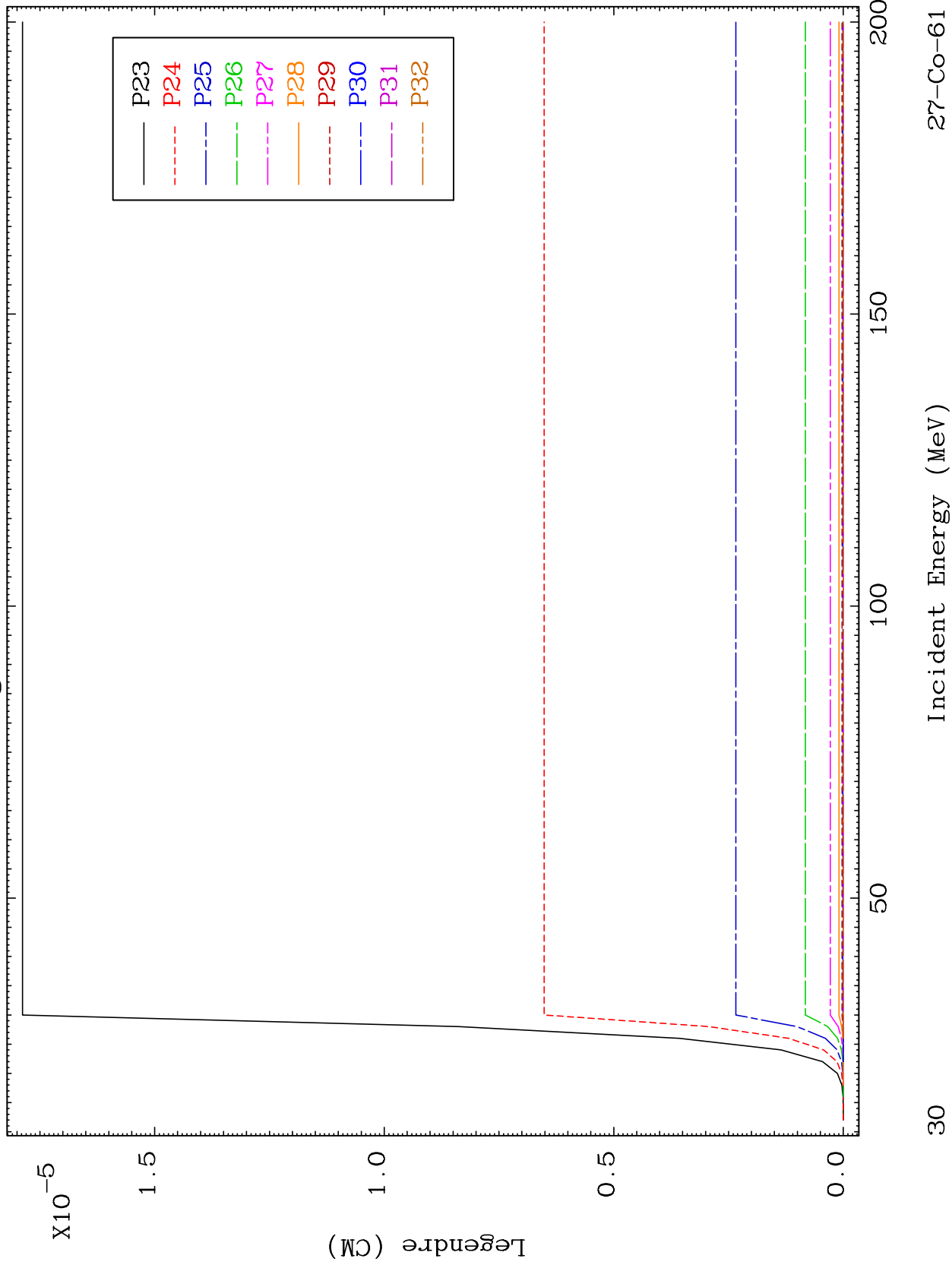
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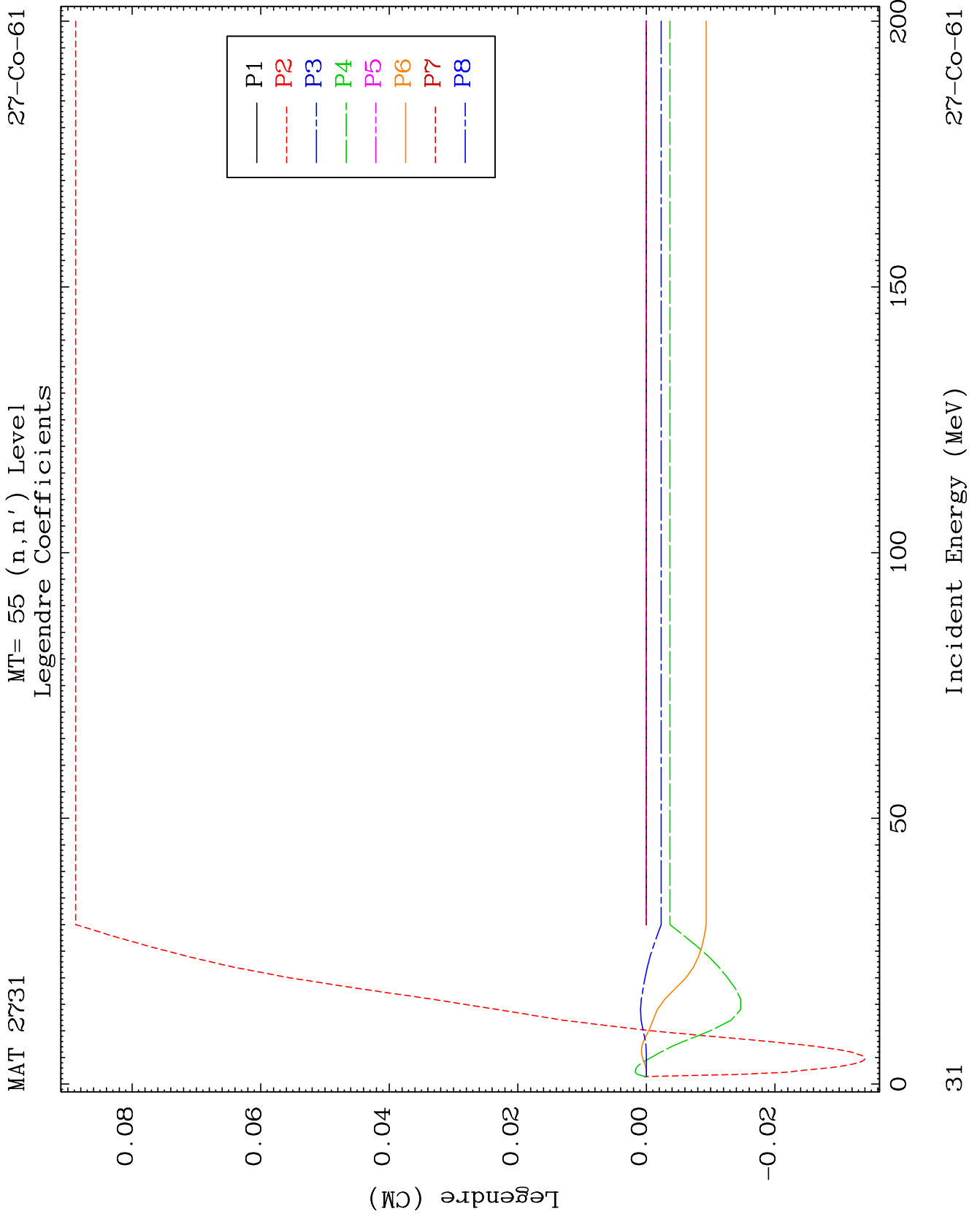
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MAT 2731

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

27-Co-61

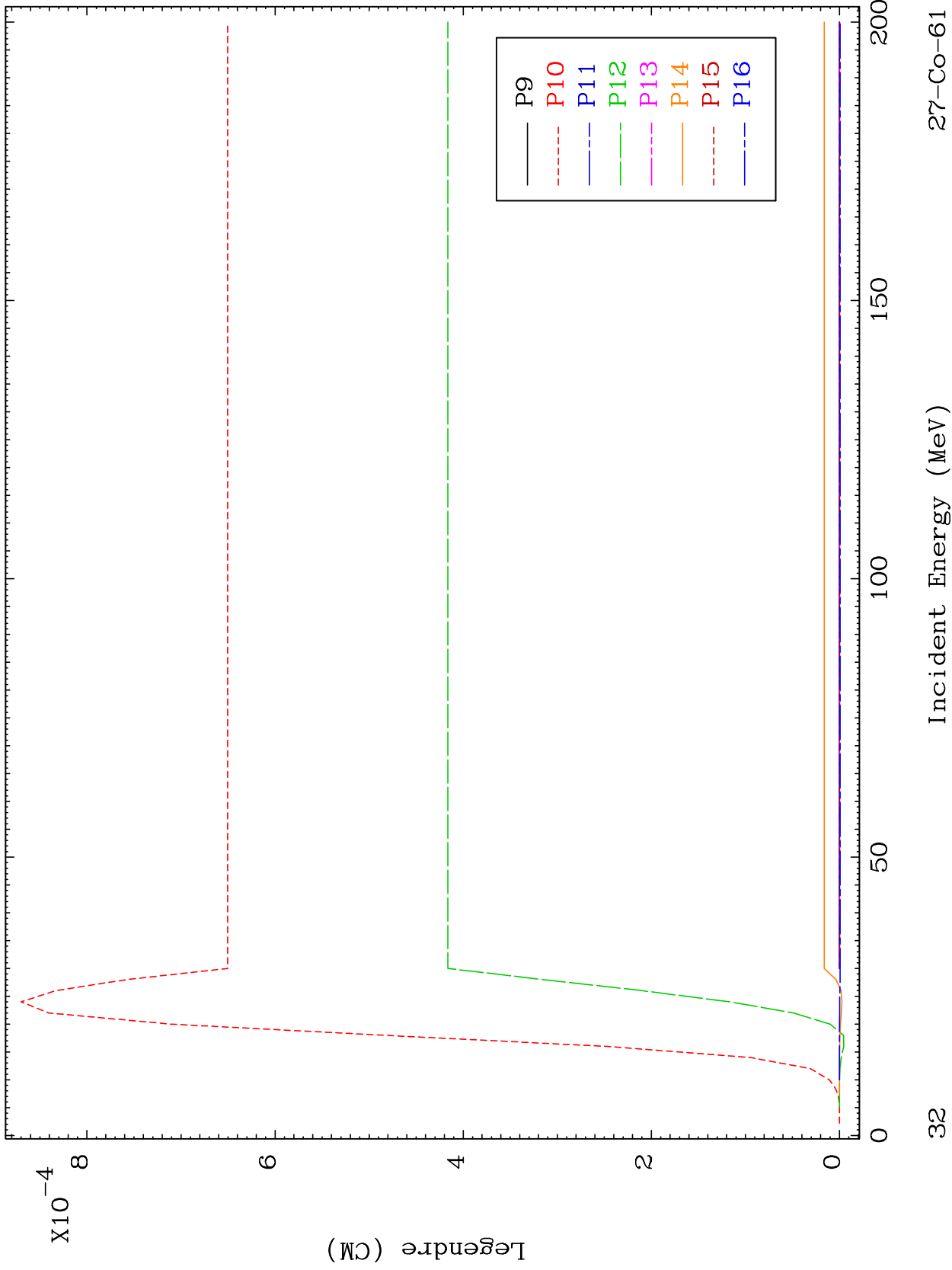




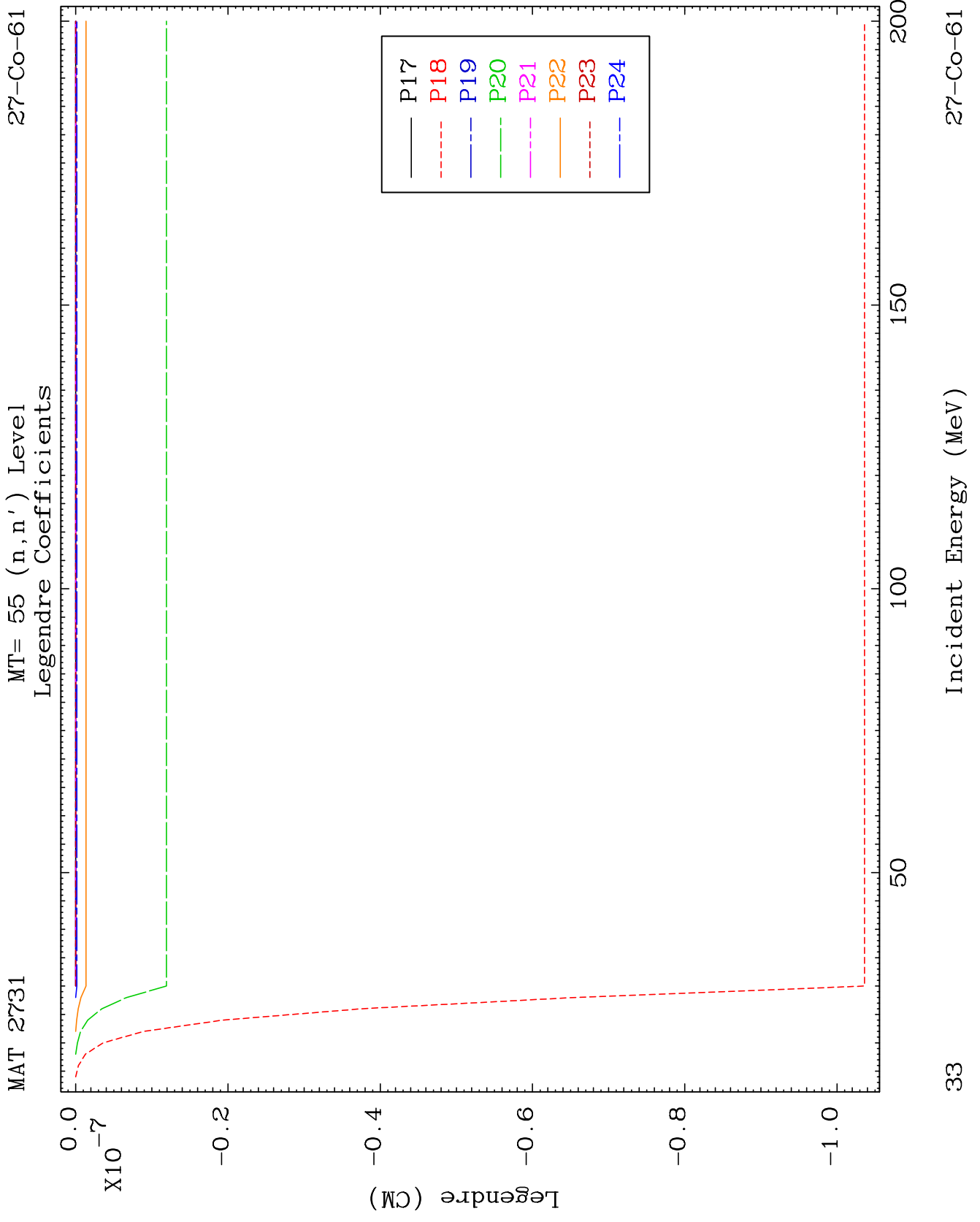
MAT 2731

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

27-Co-61



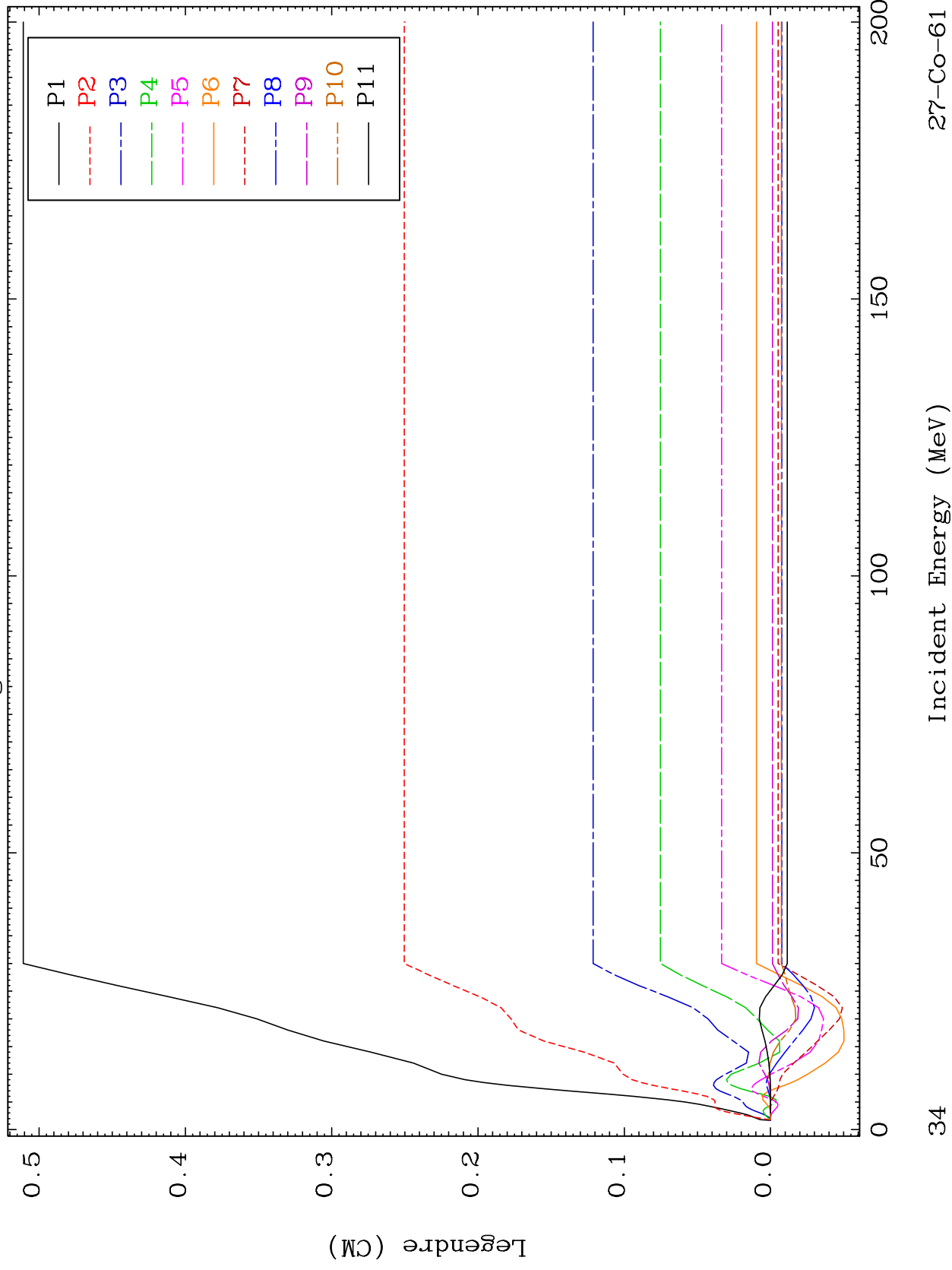
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MAT 2731

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

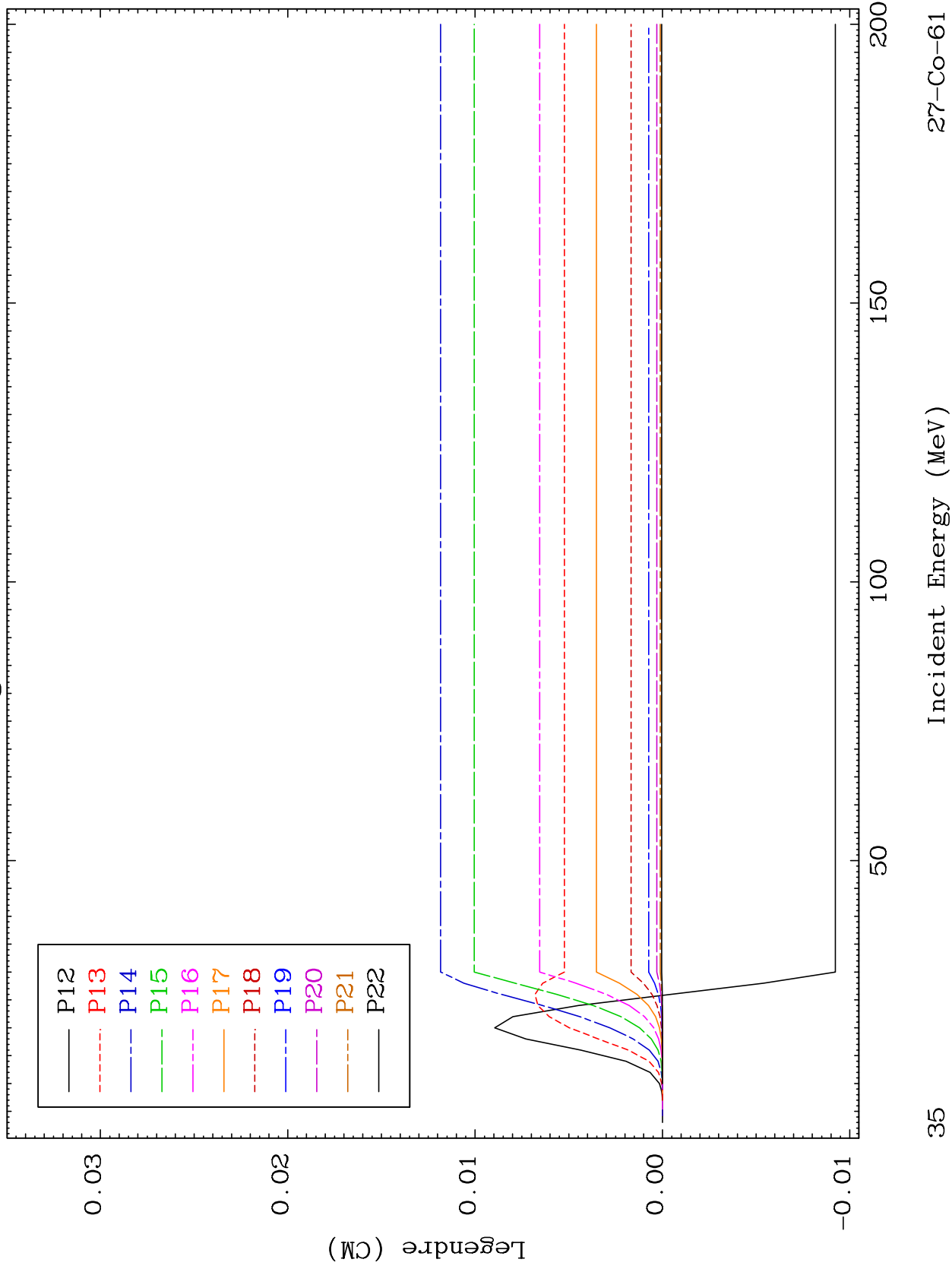
27-Co-61



MAT 2731

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

27-Co-61



35

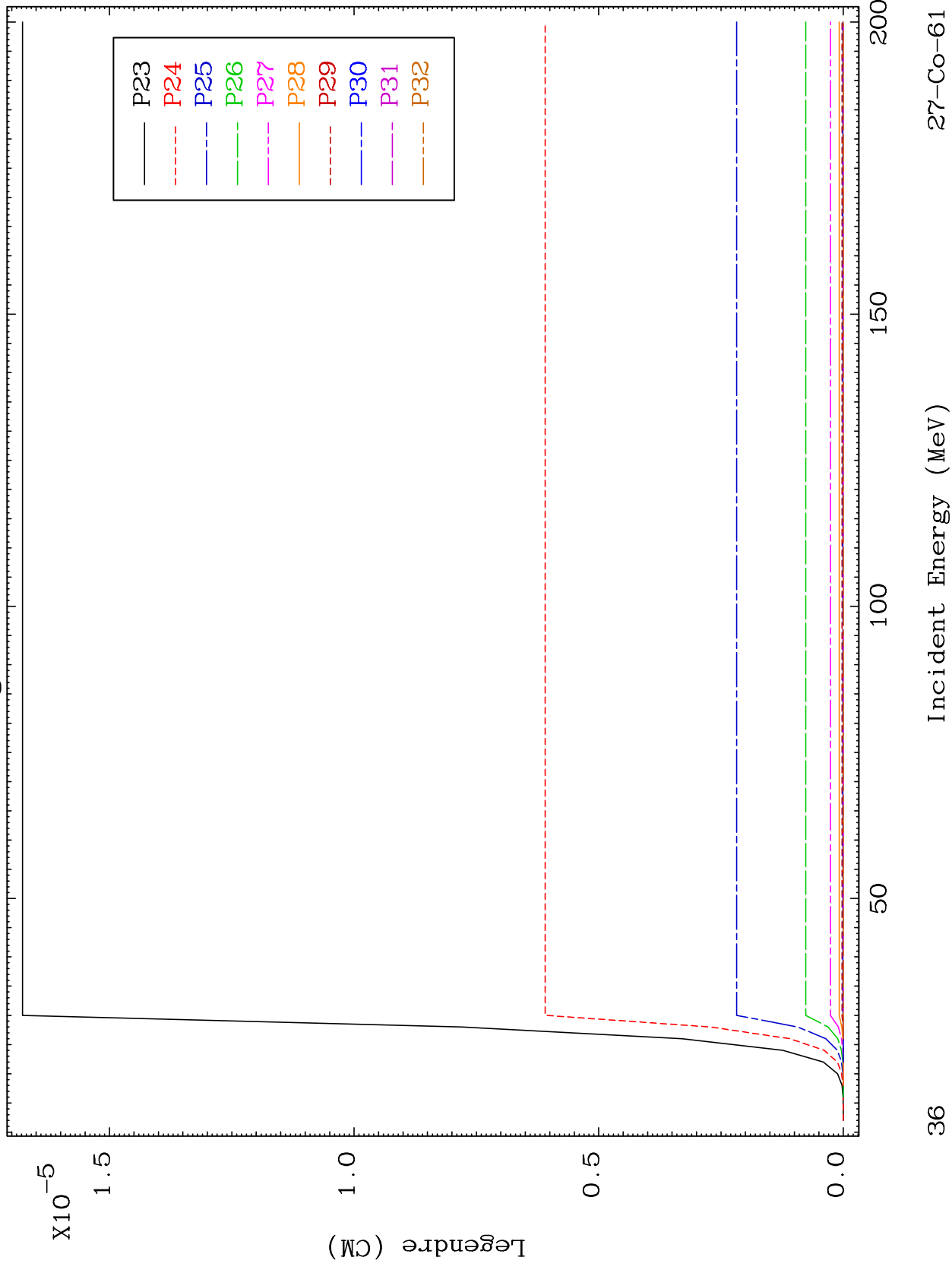
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



36

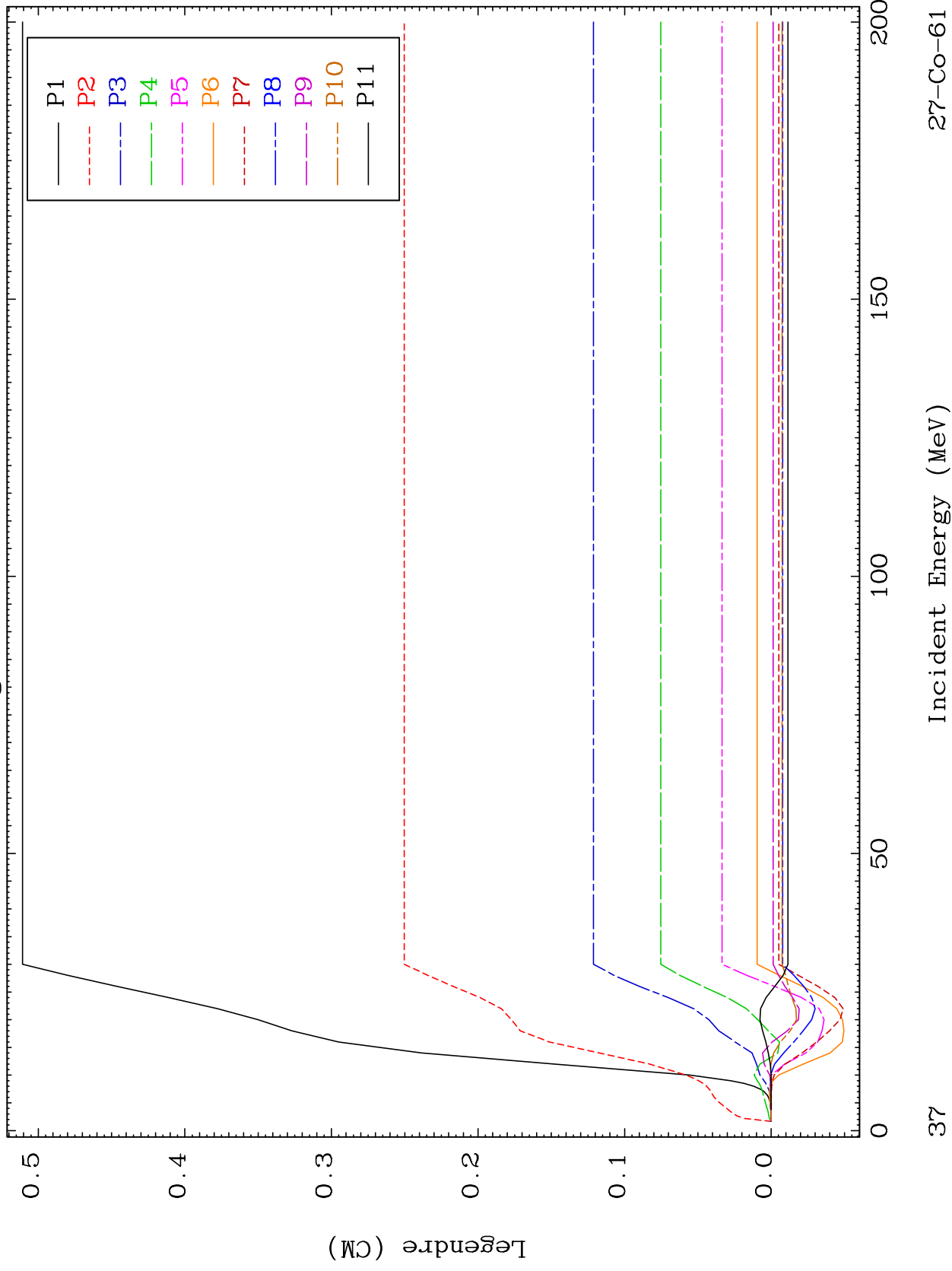
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



27-Co-61

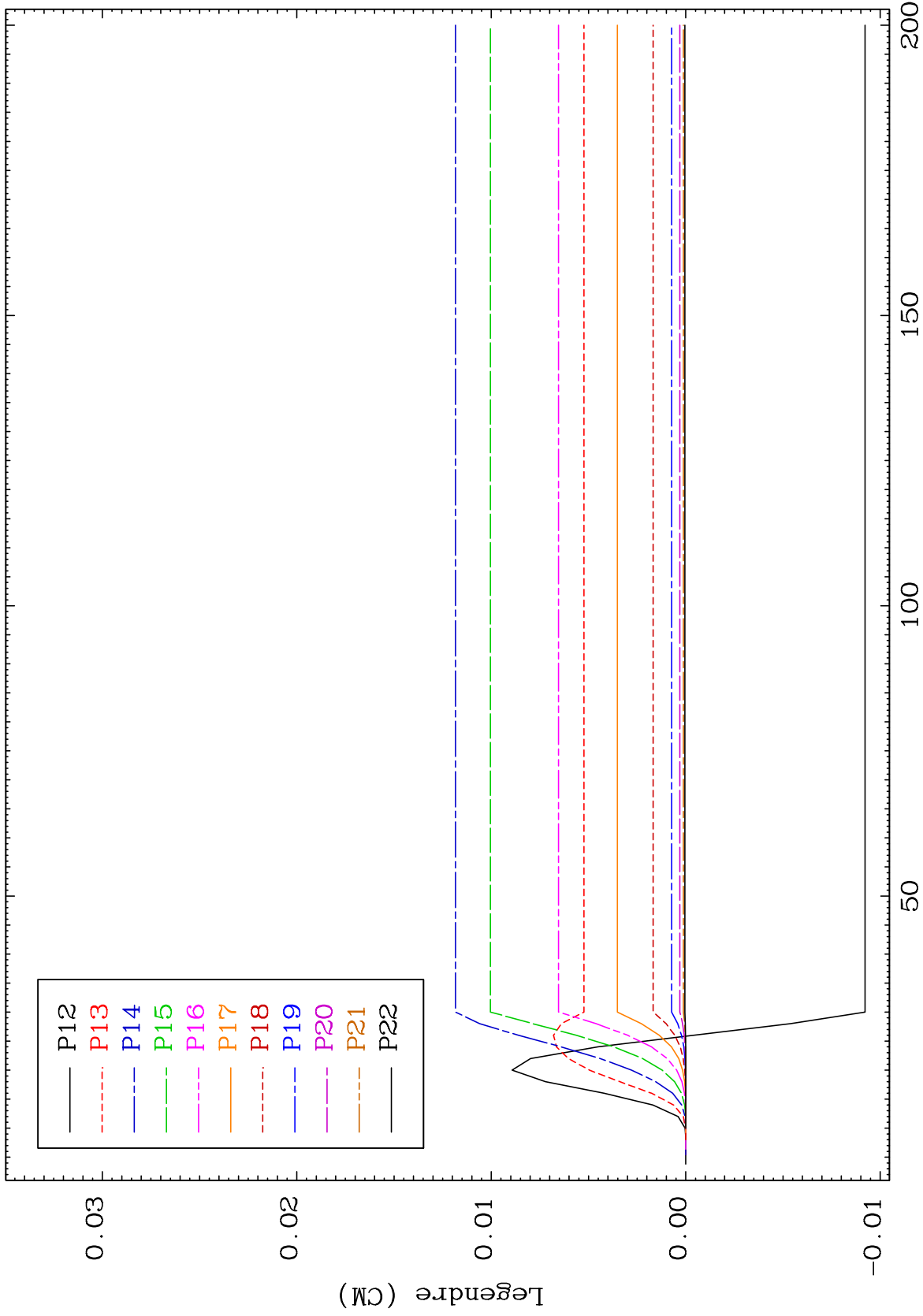
Incident Energy (MeV)

37

MAT 2731

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

27-Co-61



38

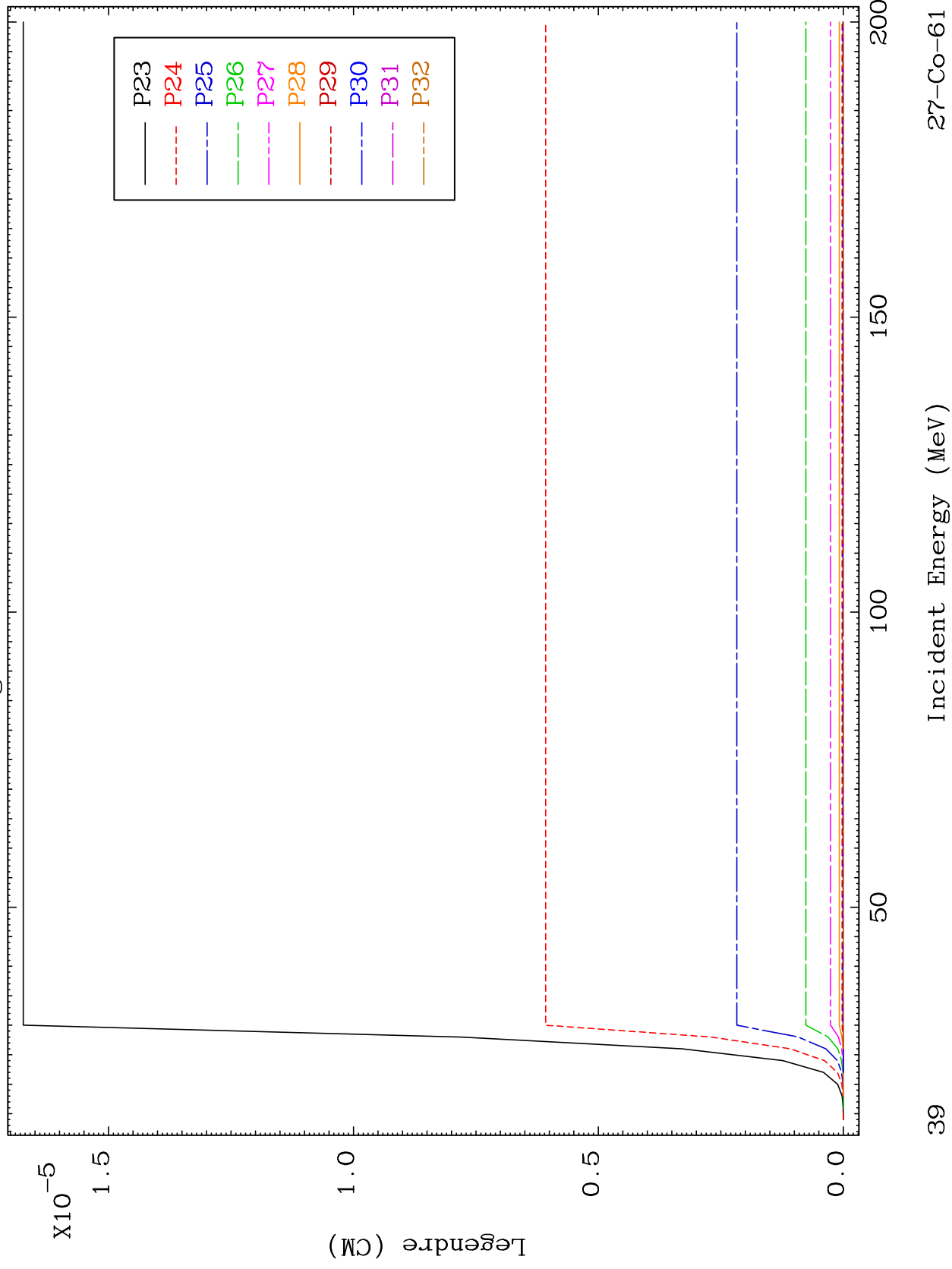
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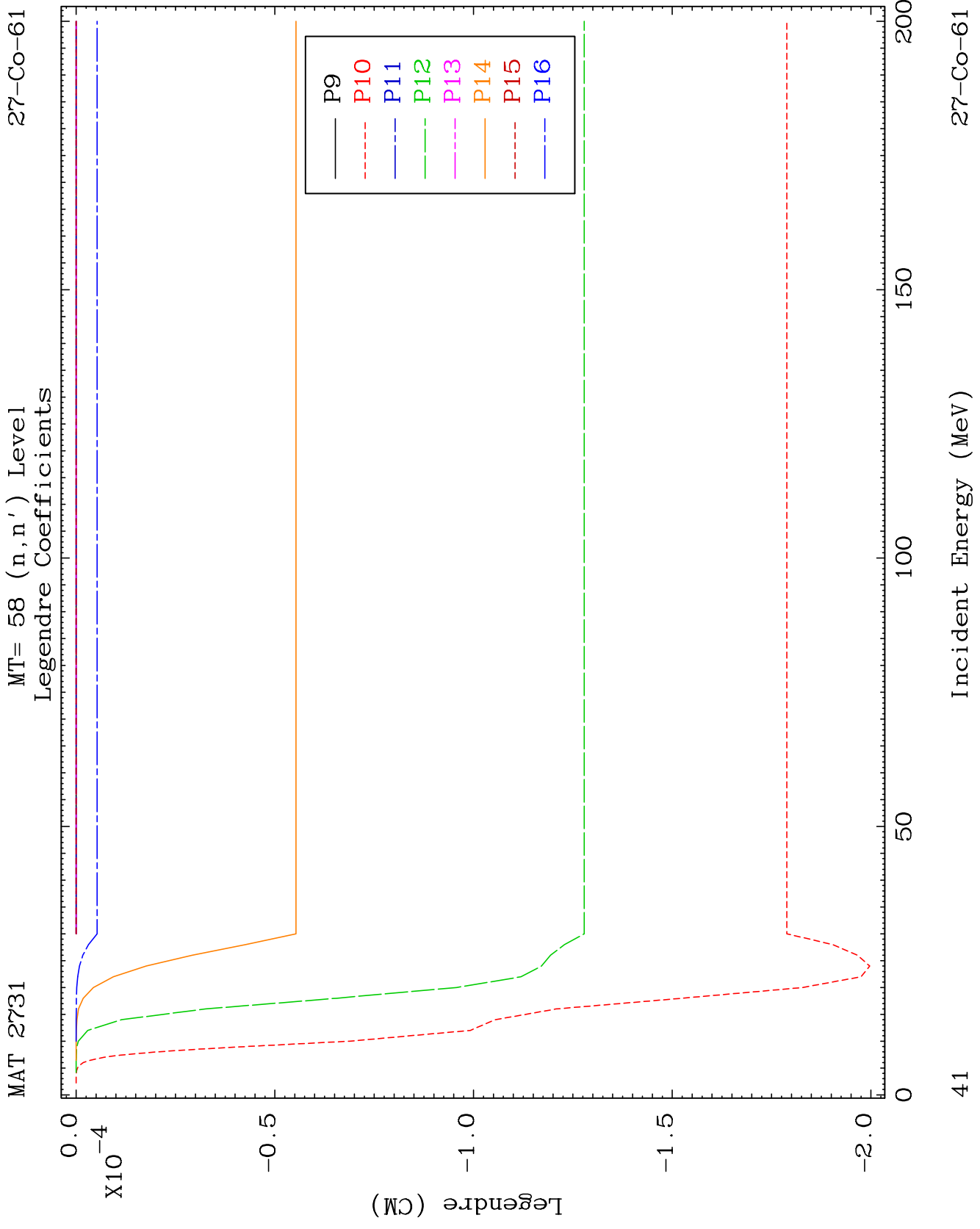
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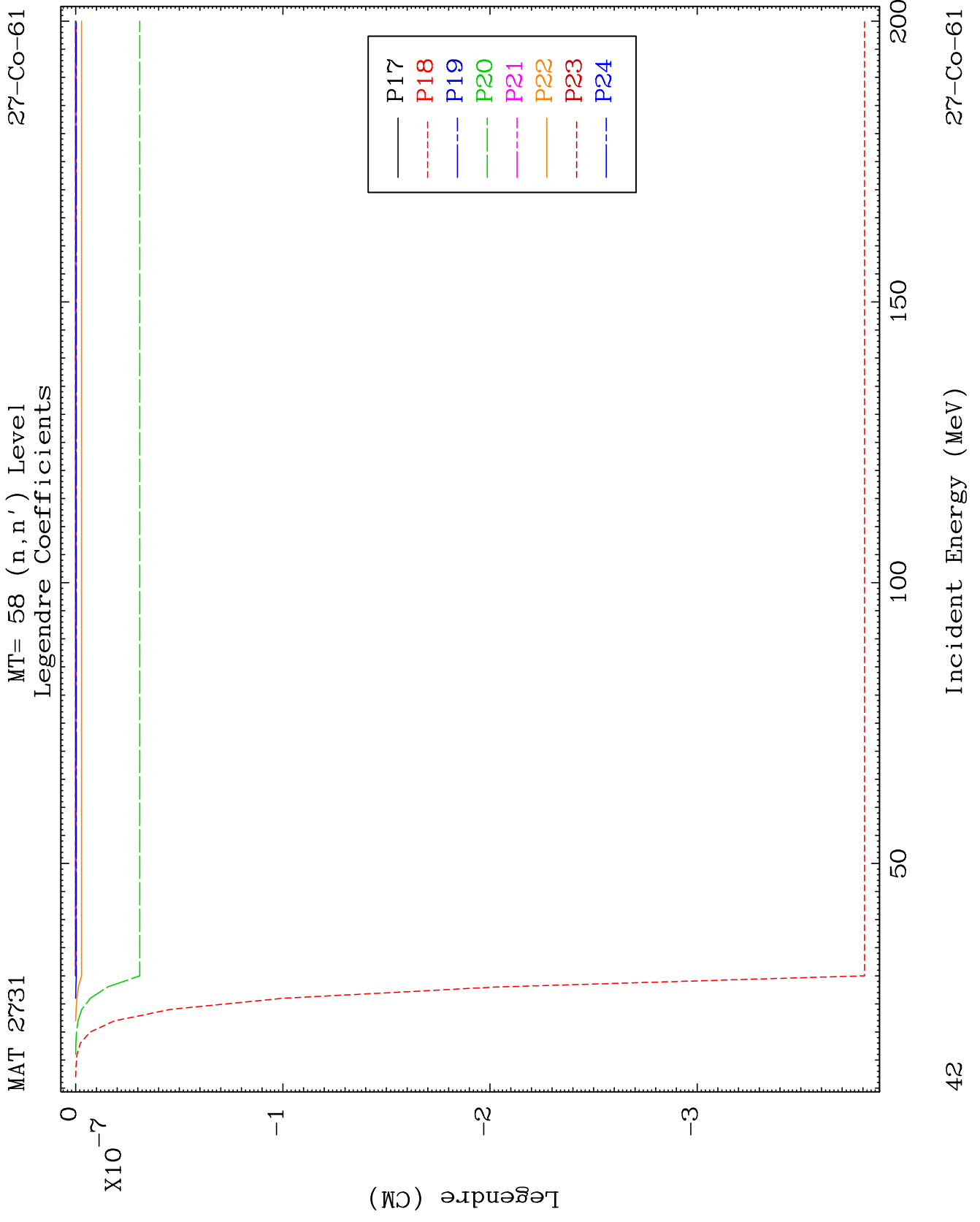
MAT 2731

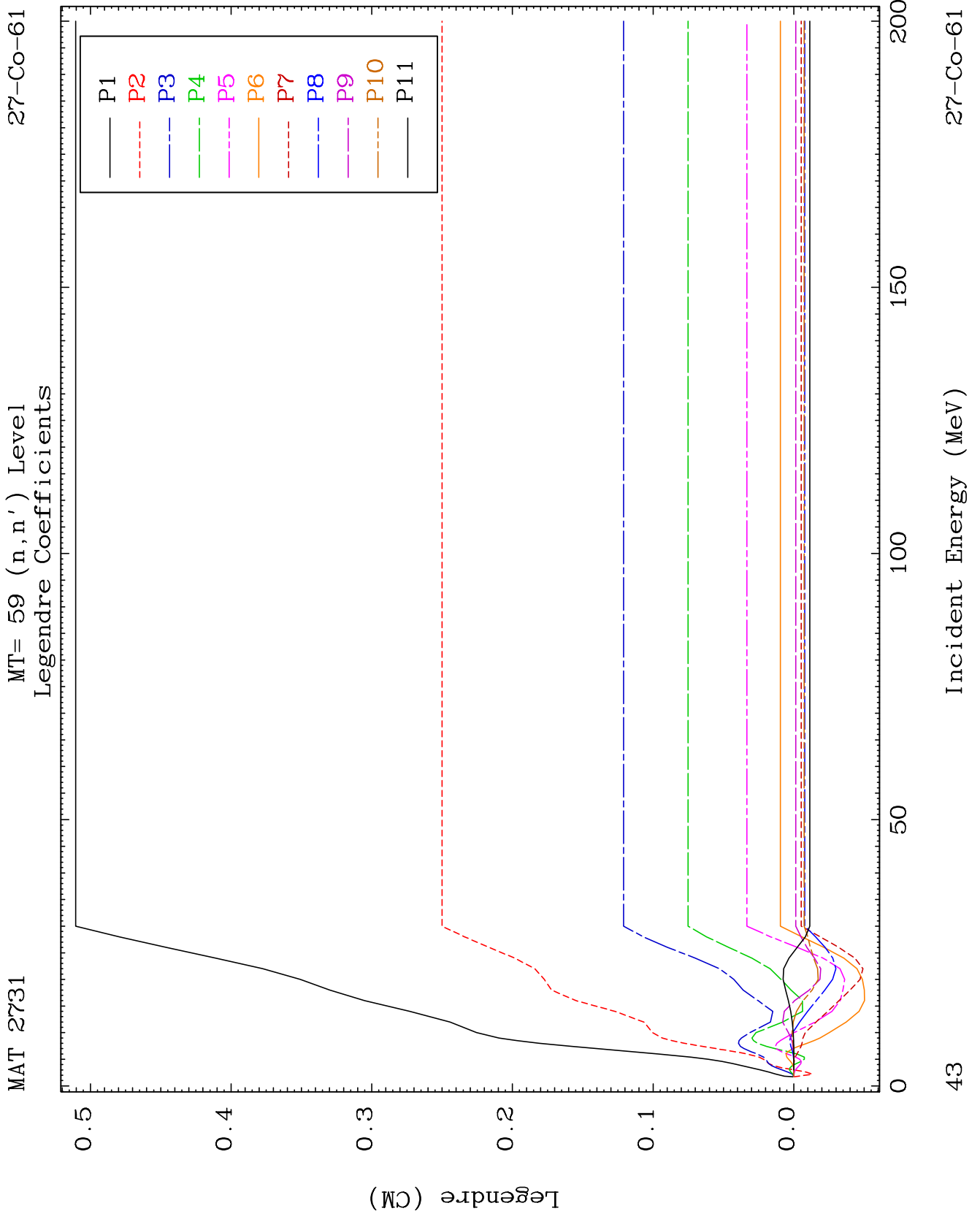
MT= 57 (n,n') Level
Legendre Coefficients

27-Co-61





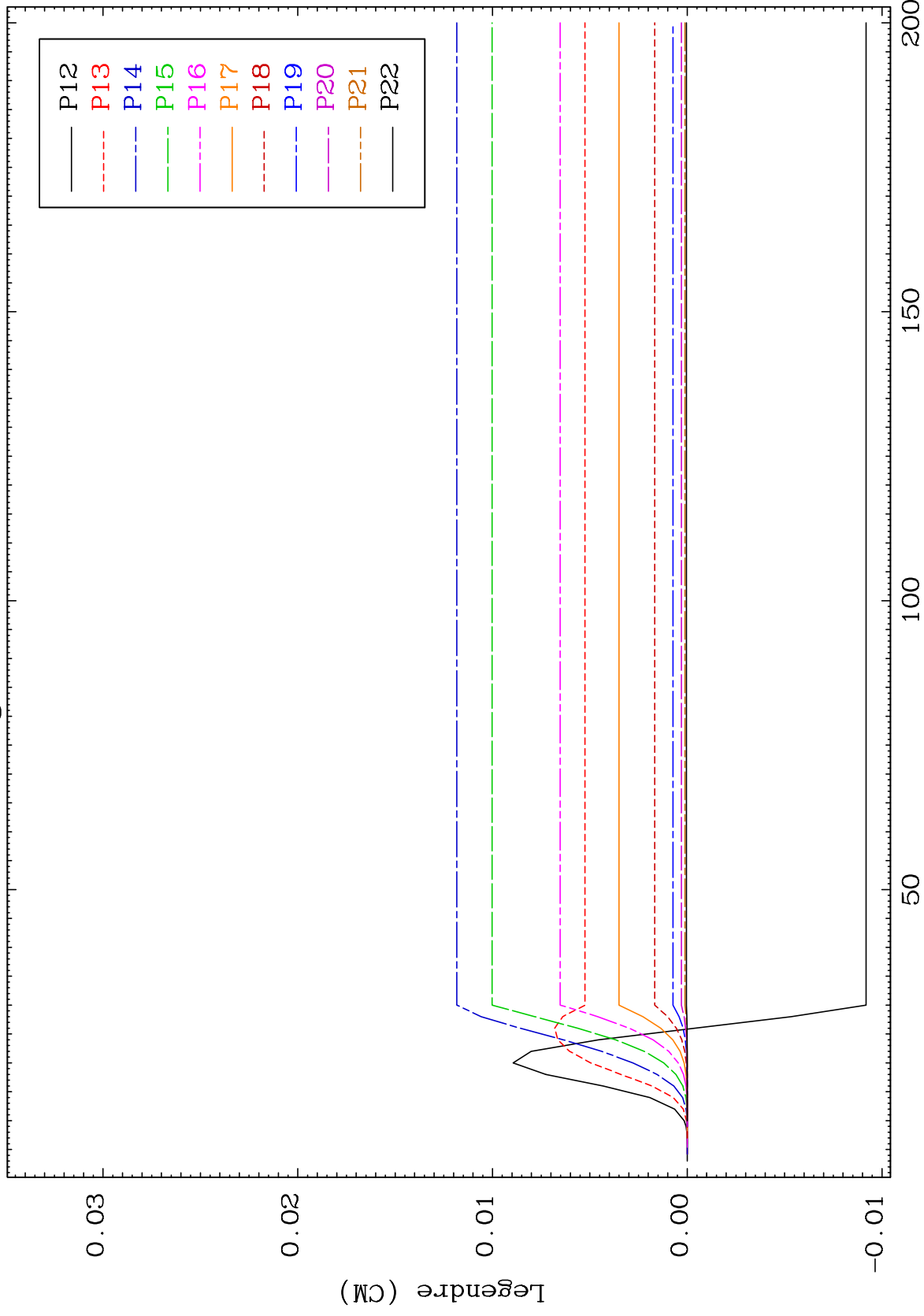




MAT 2731

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

27-Co-61



44

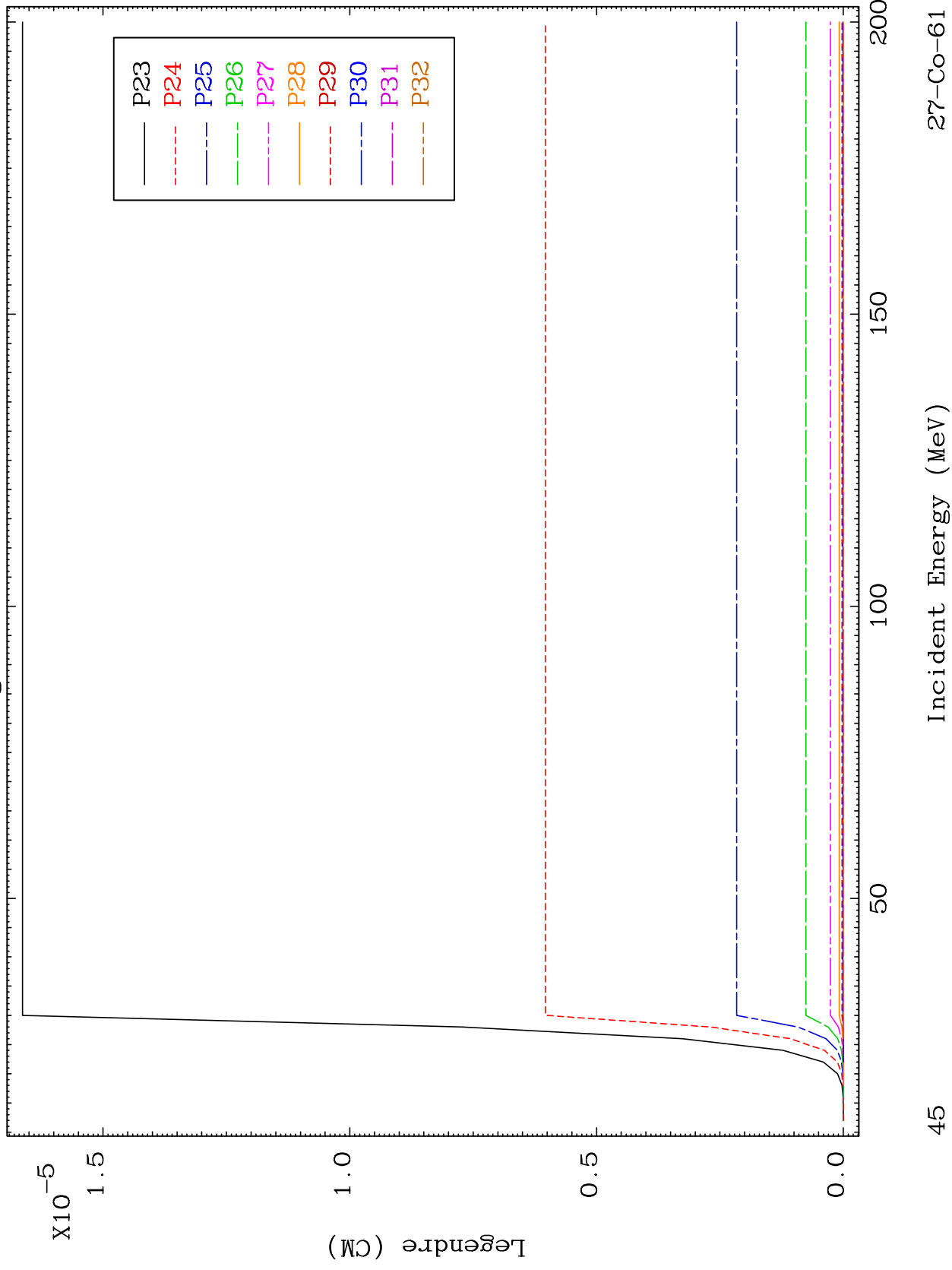
Incident Energy (MeV)

27-Co-61

MAT 2731

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

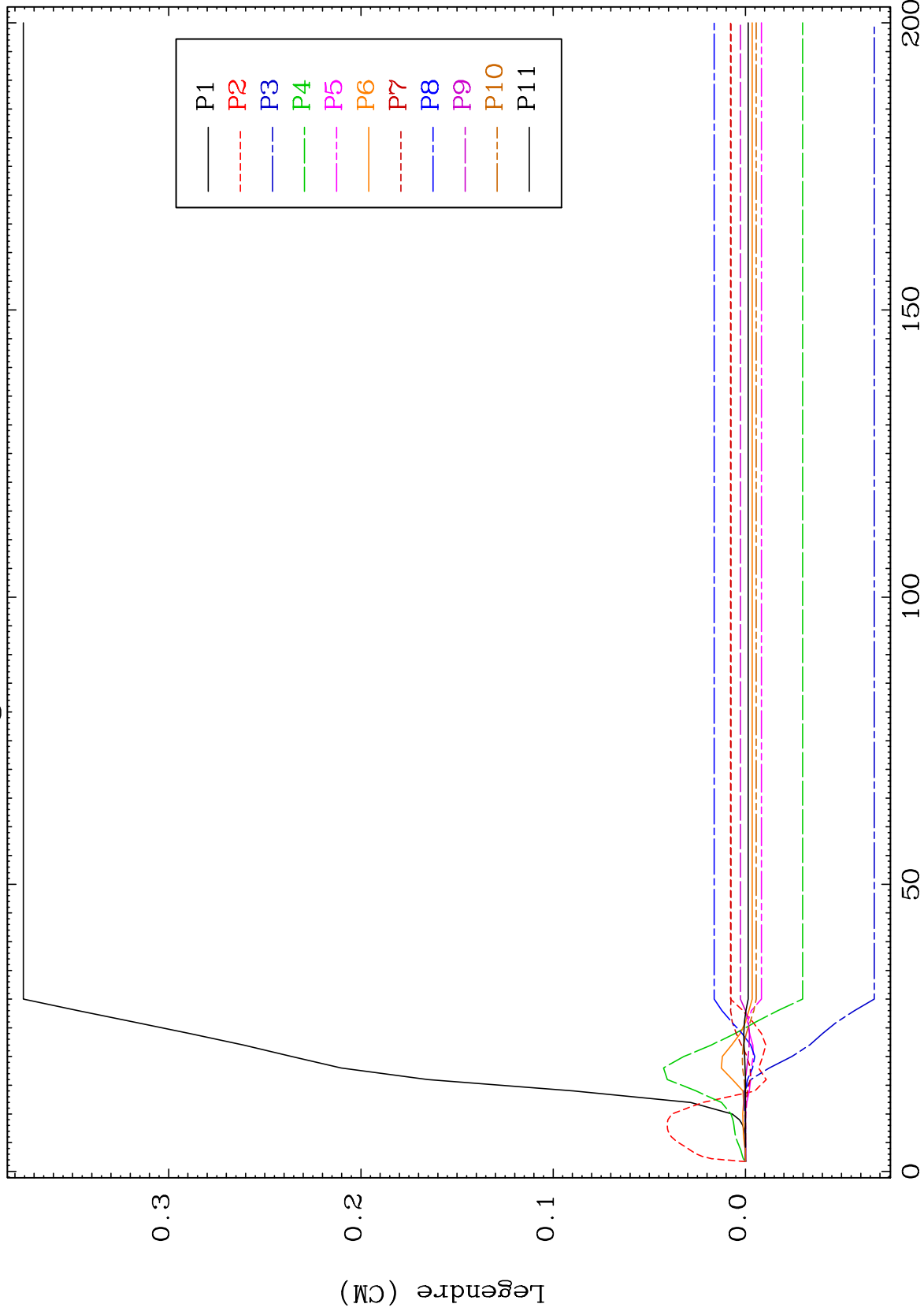
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MAT 2731

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

27-Co-61



46

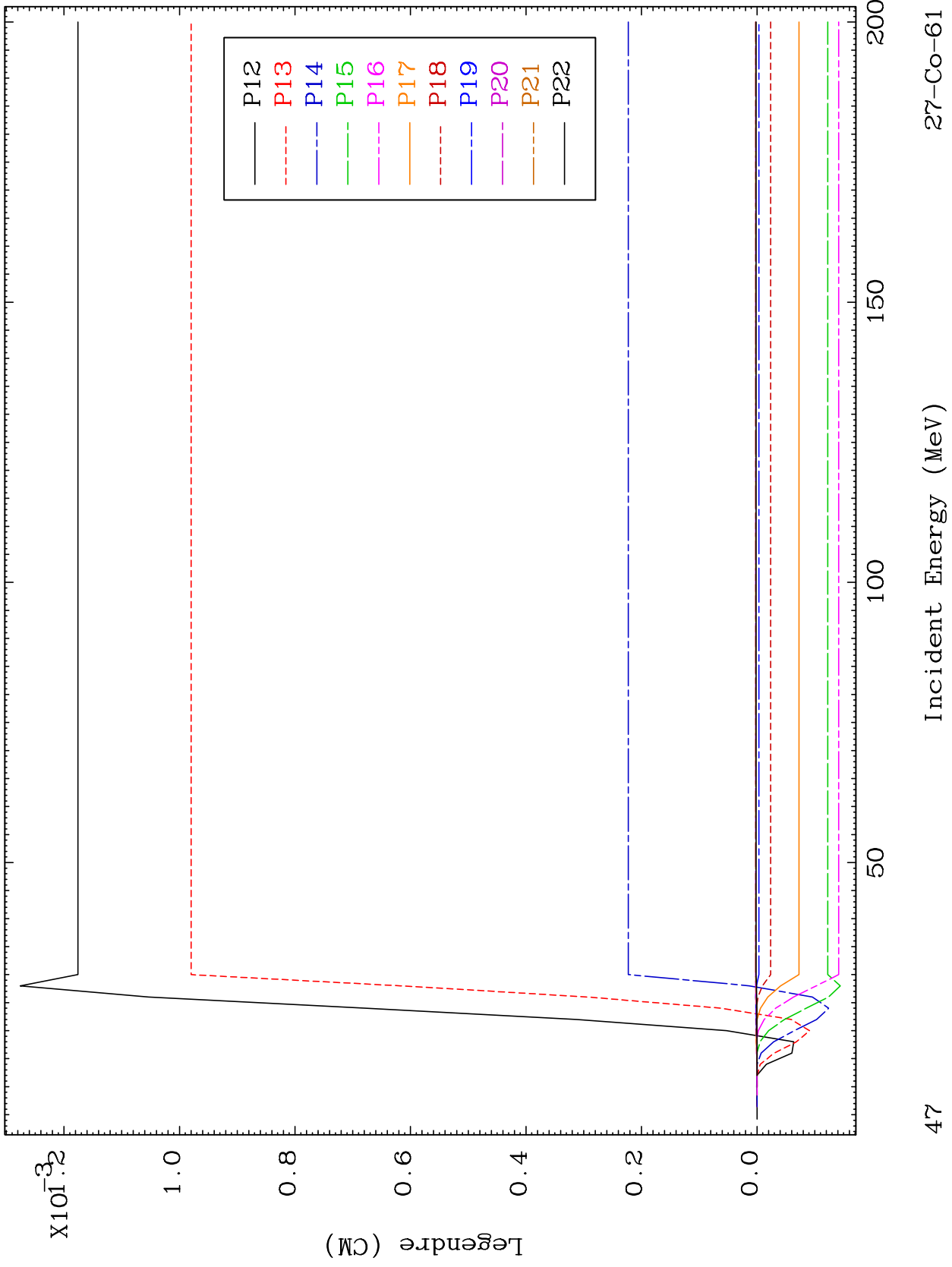
Incident Energy (MeV)

27-Co-61

MAT 2731

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

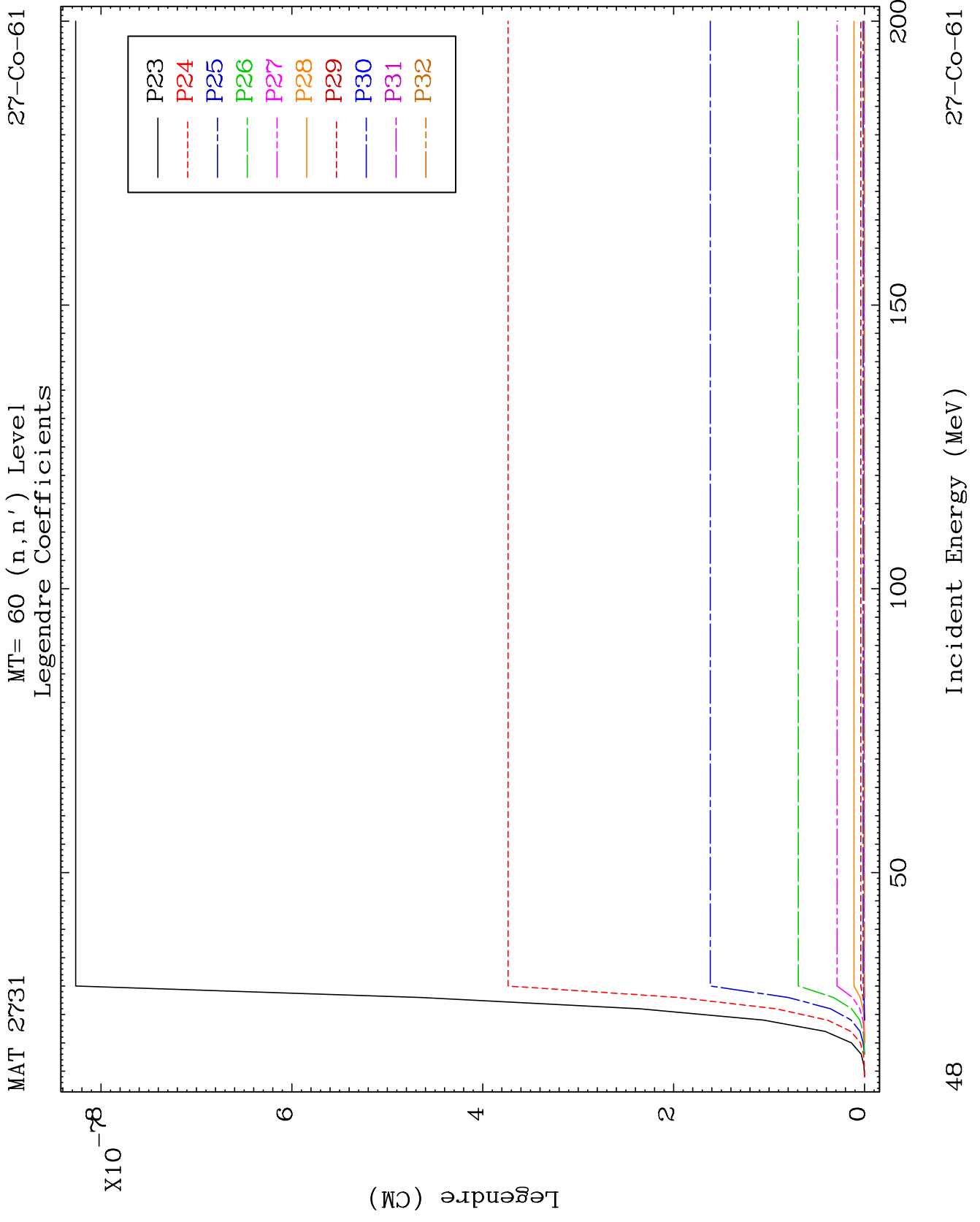
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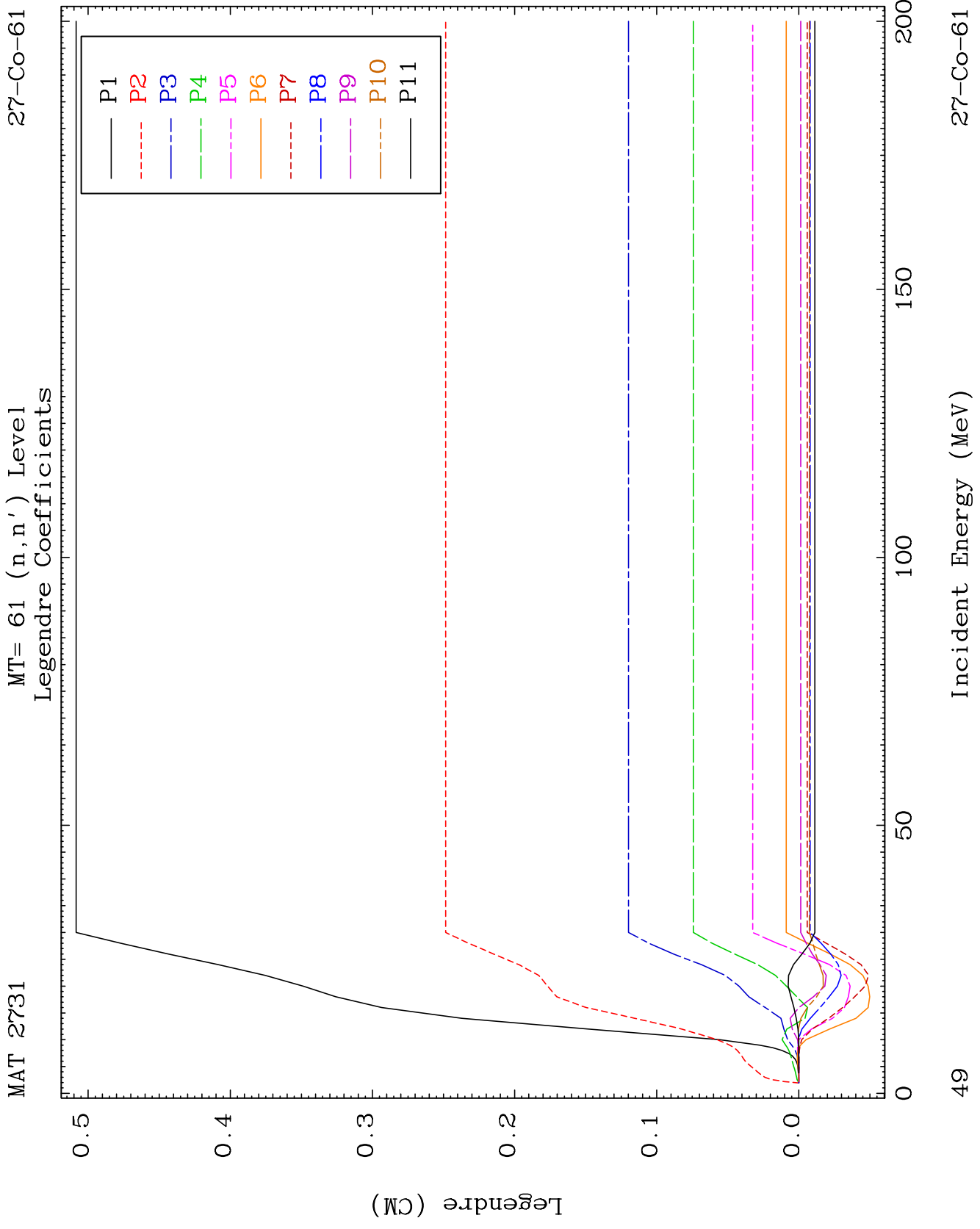


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Incident Energy (MeV)

27-Co-61

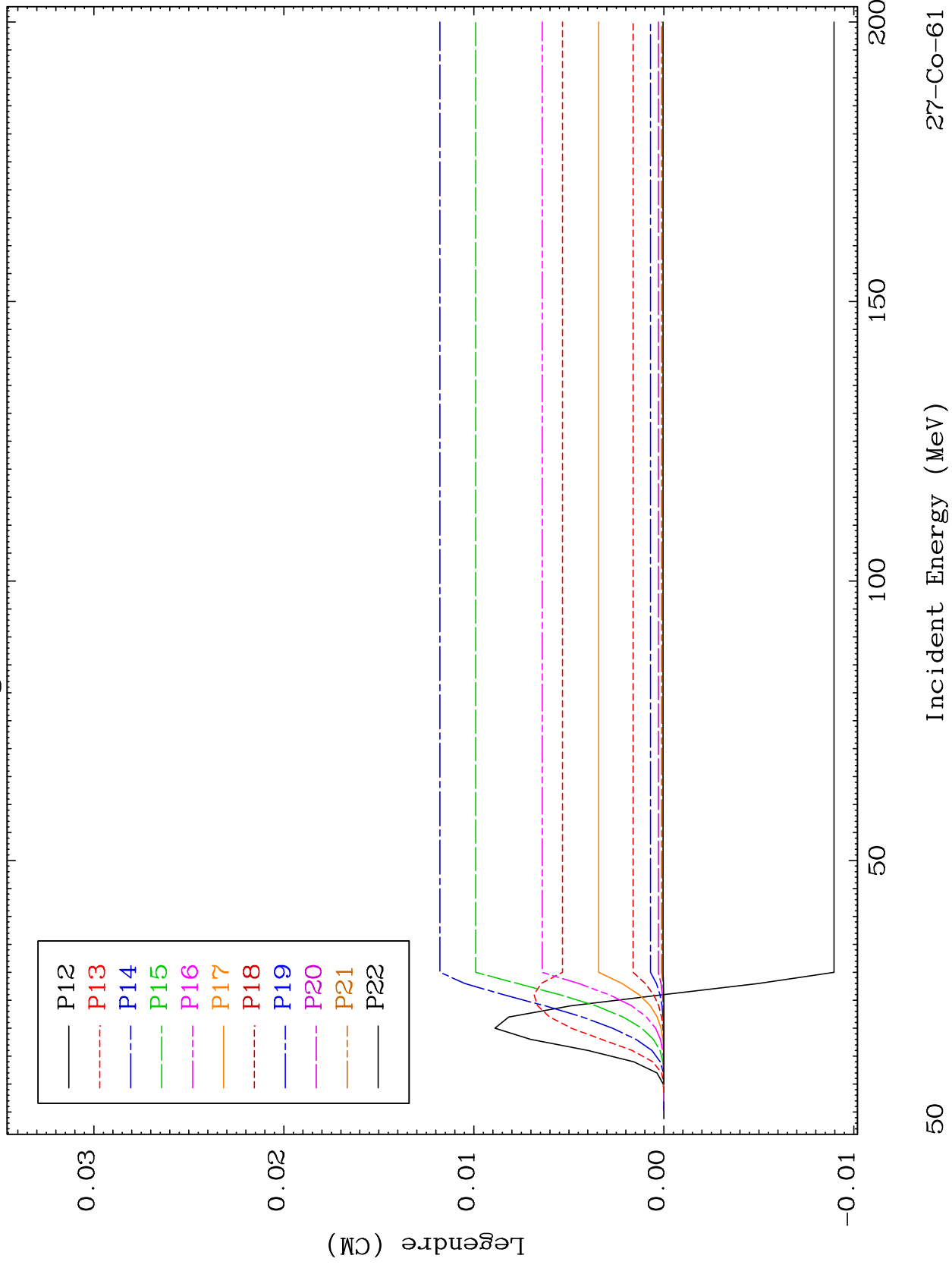




MAT 2731

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

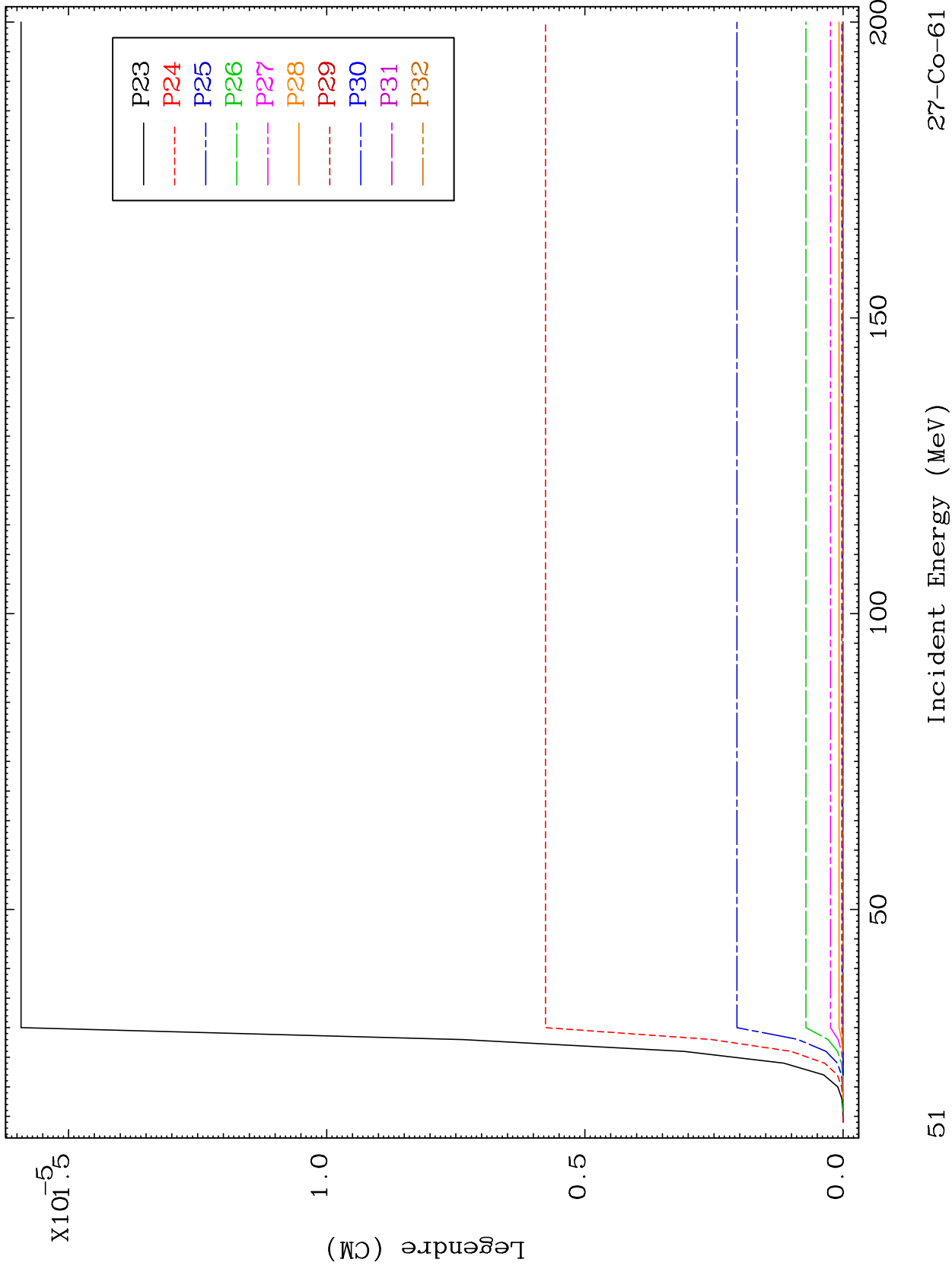
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MAT 2731

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

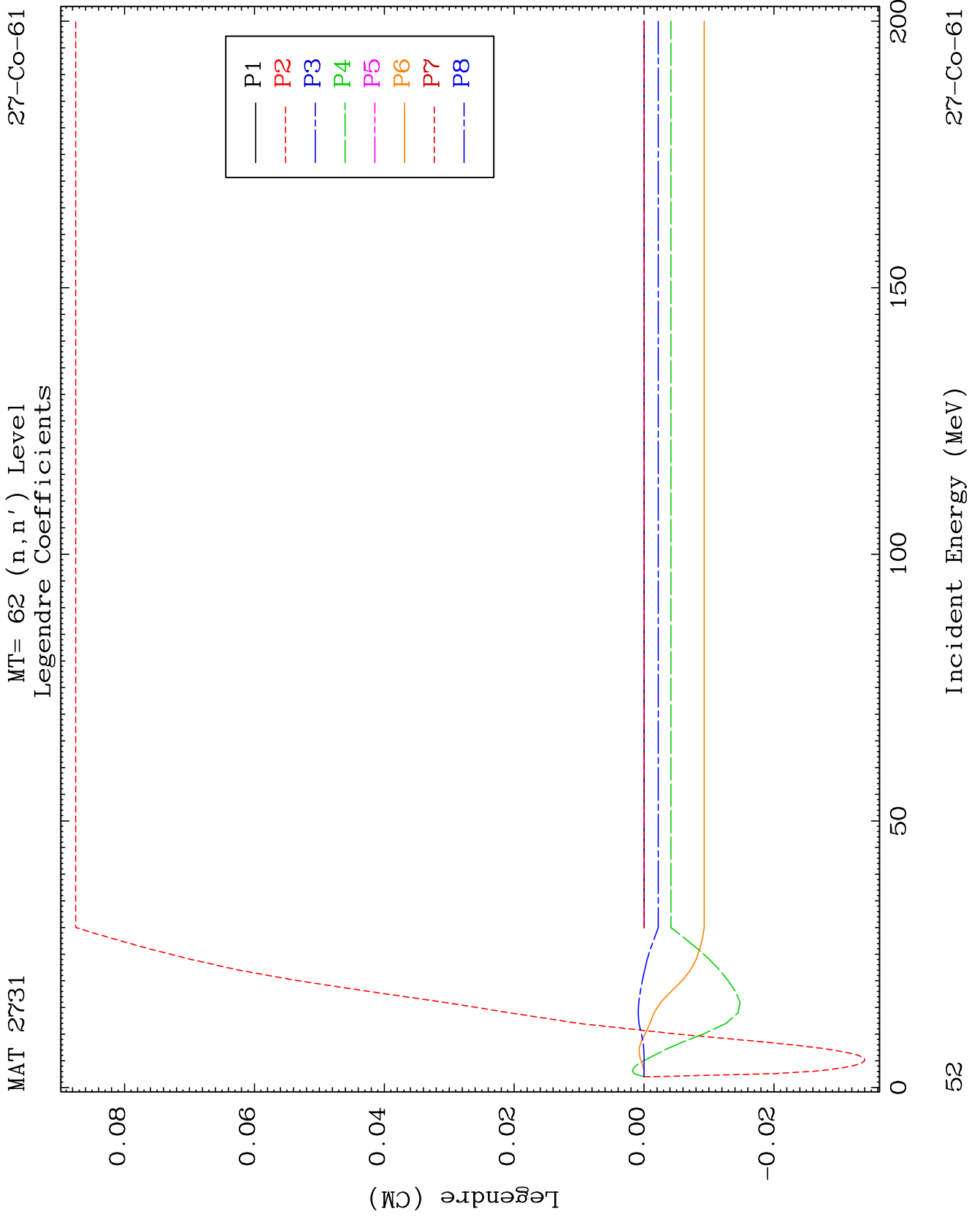
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Incident Energy (MeV)

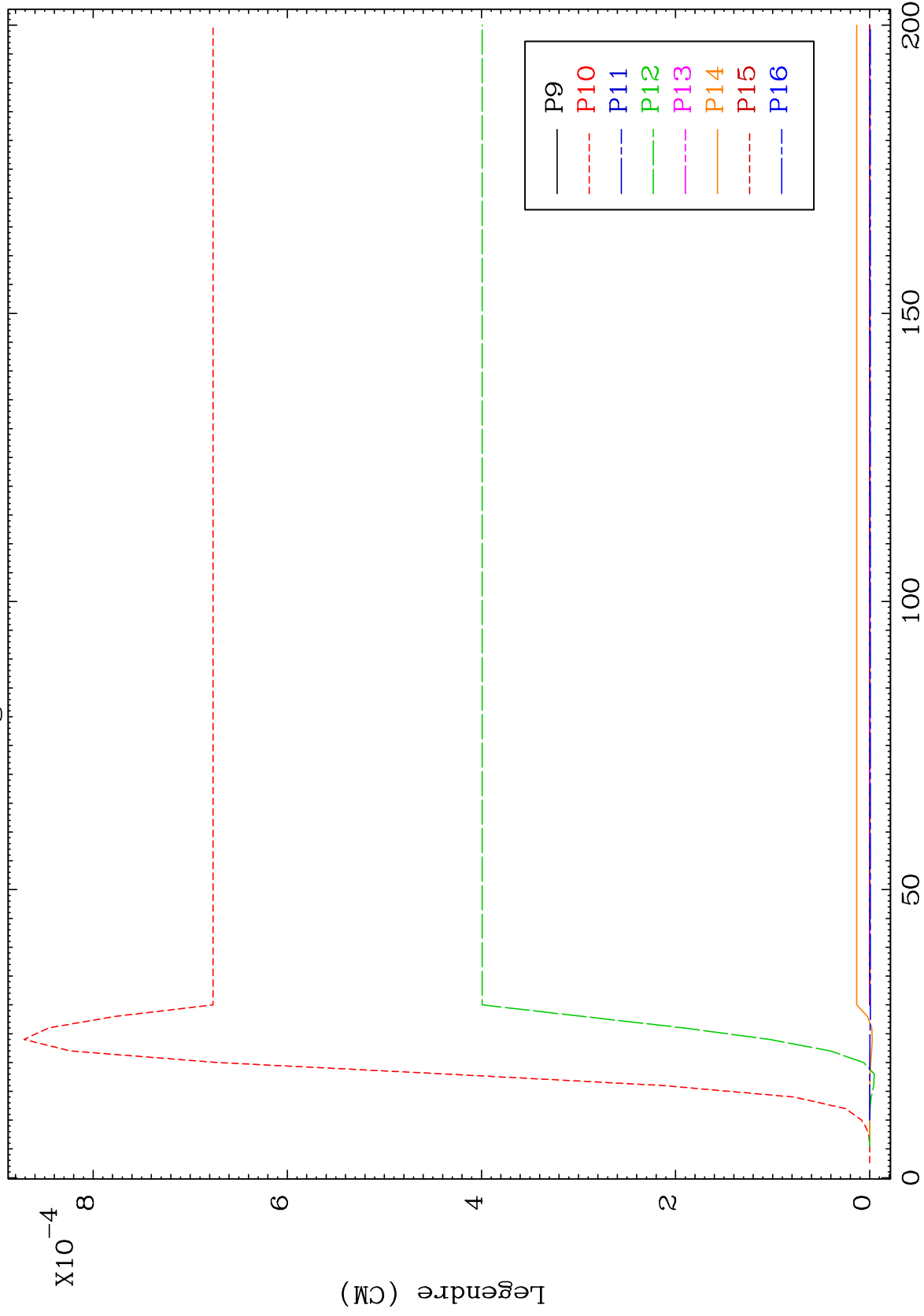
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MAT 2731

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

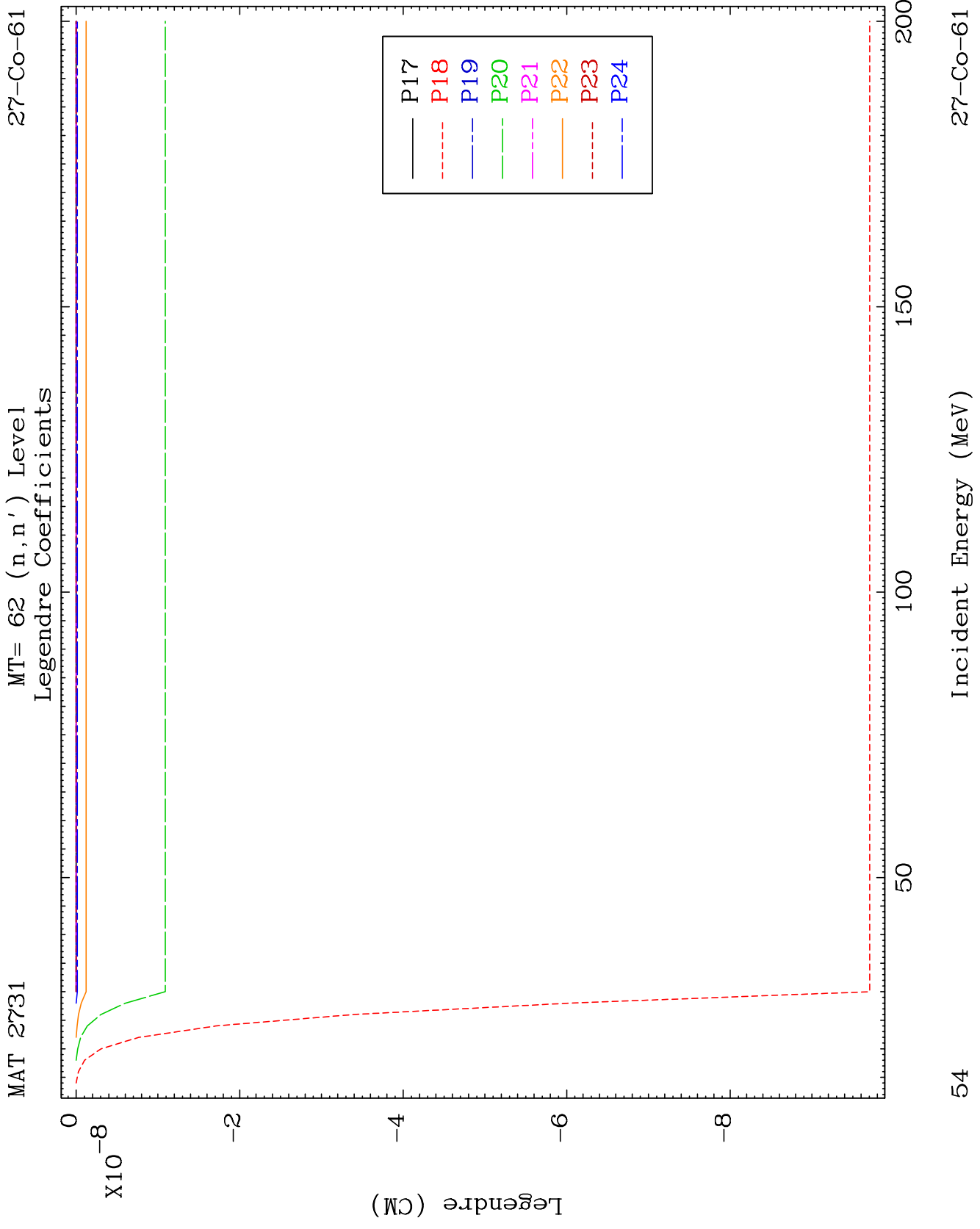
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53

Incident Energy (MeV)

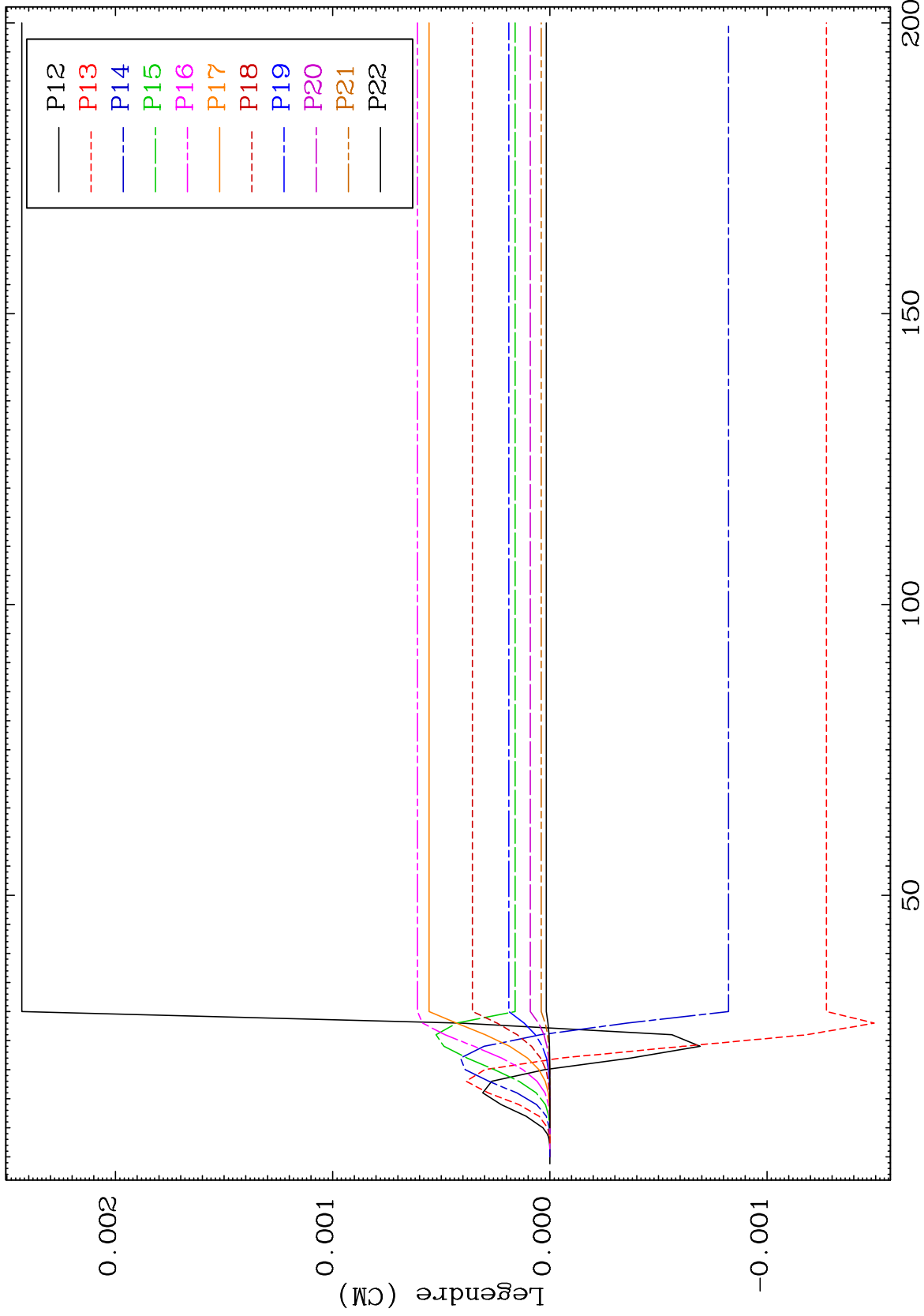
27-Co-61



MAT 2731

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

27-Co-61



56

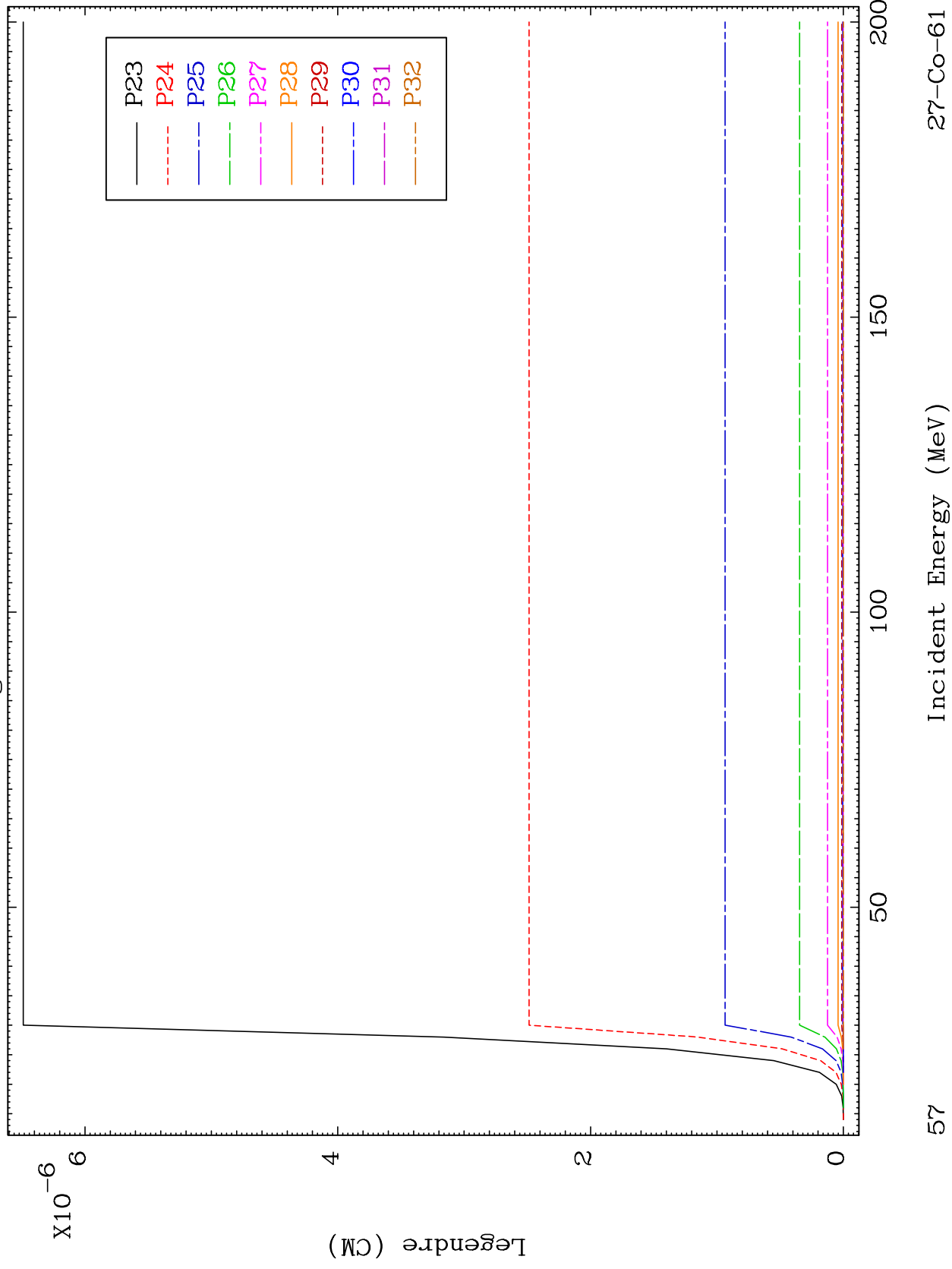
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



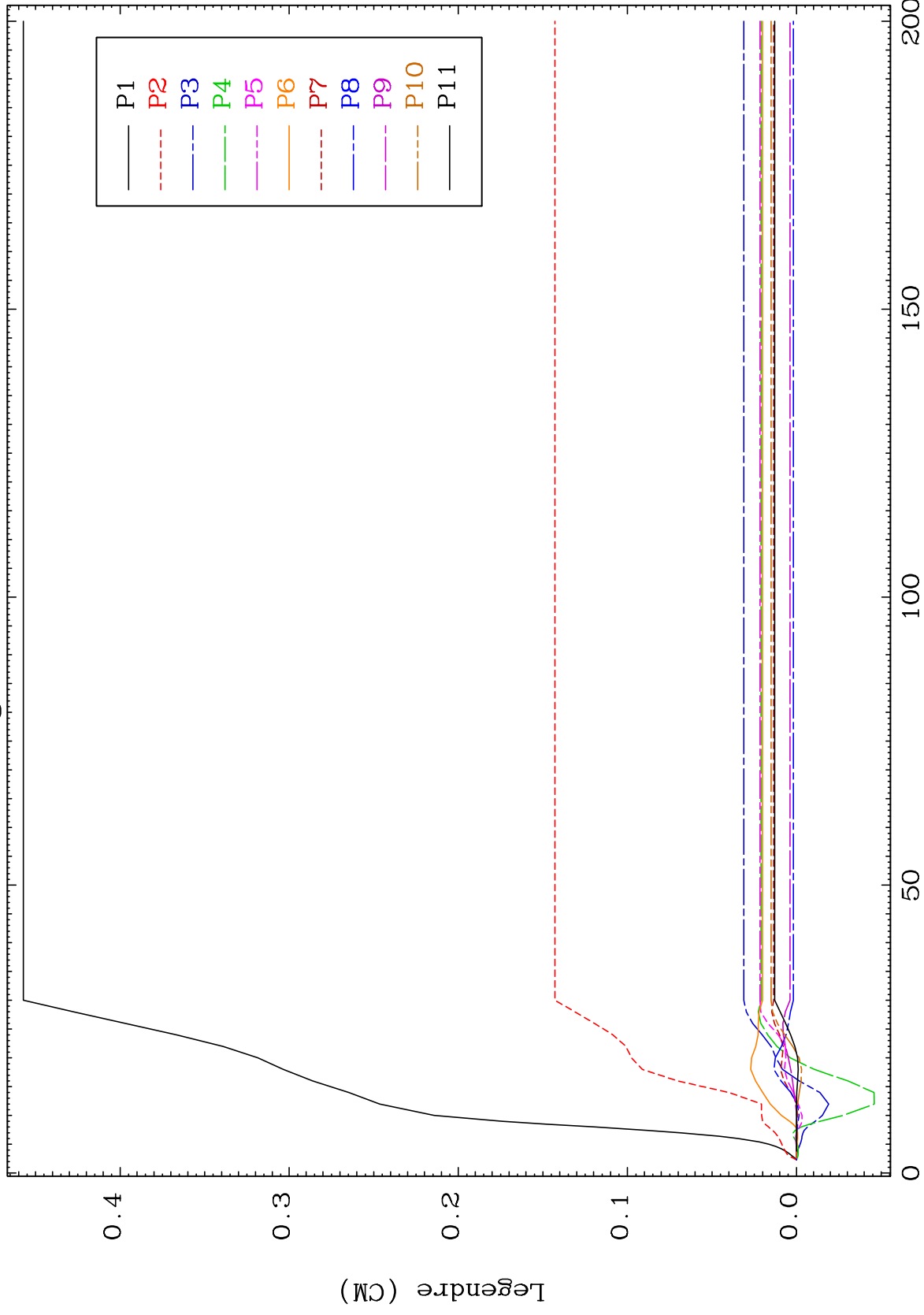
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27-Co-61

MAT 2731

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

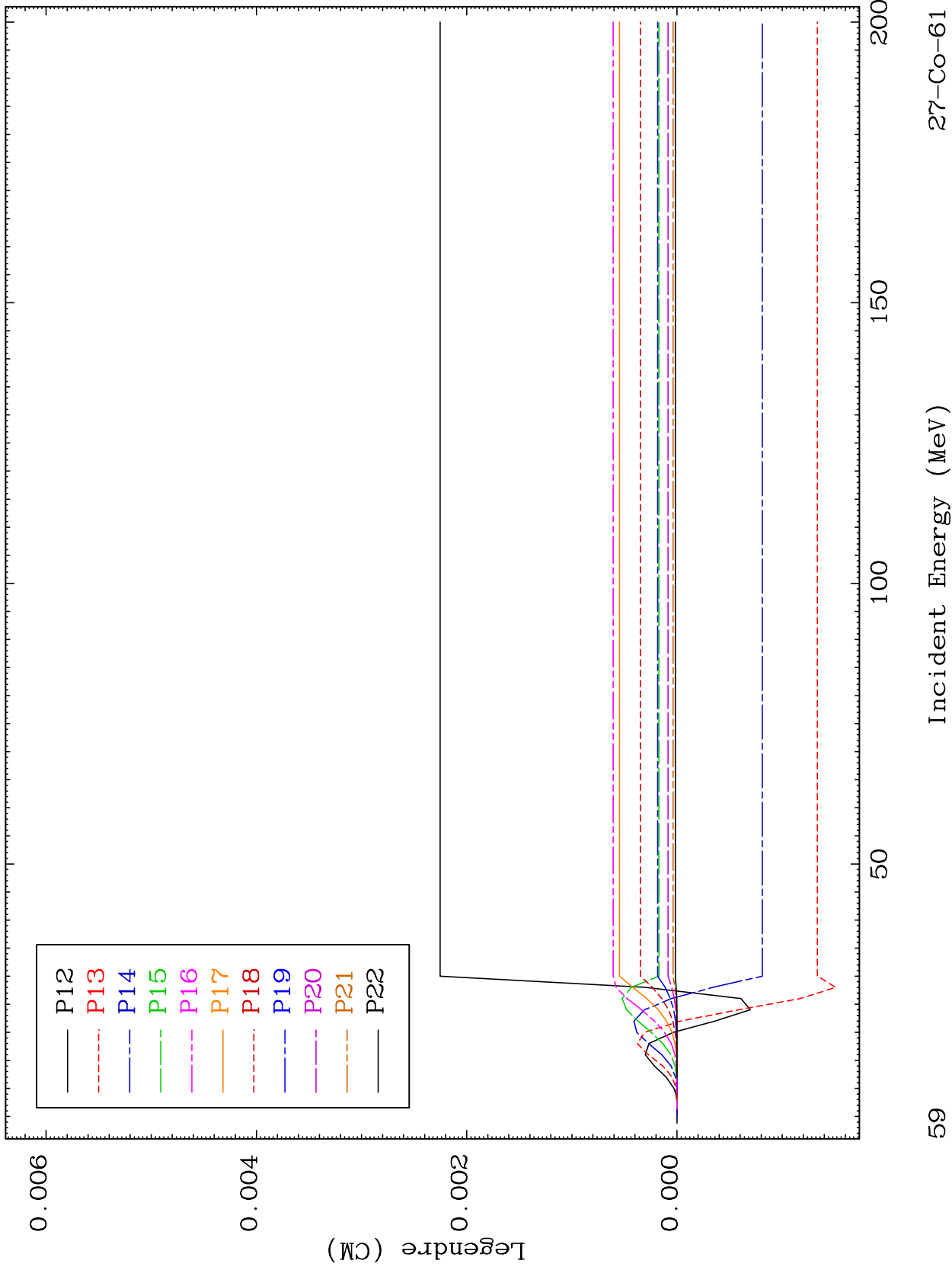
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58

Incident Energy (MeV)

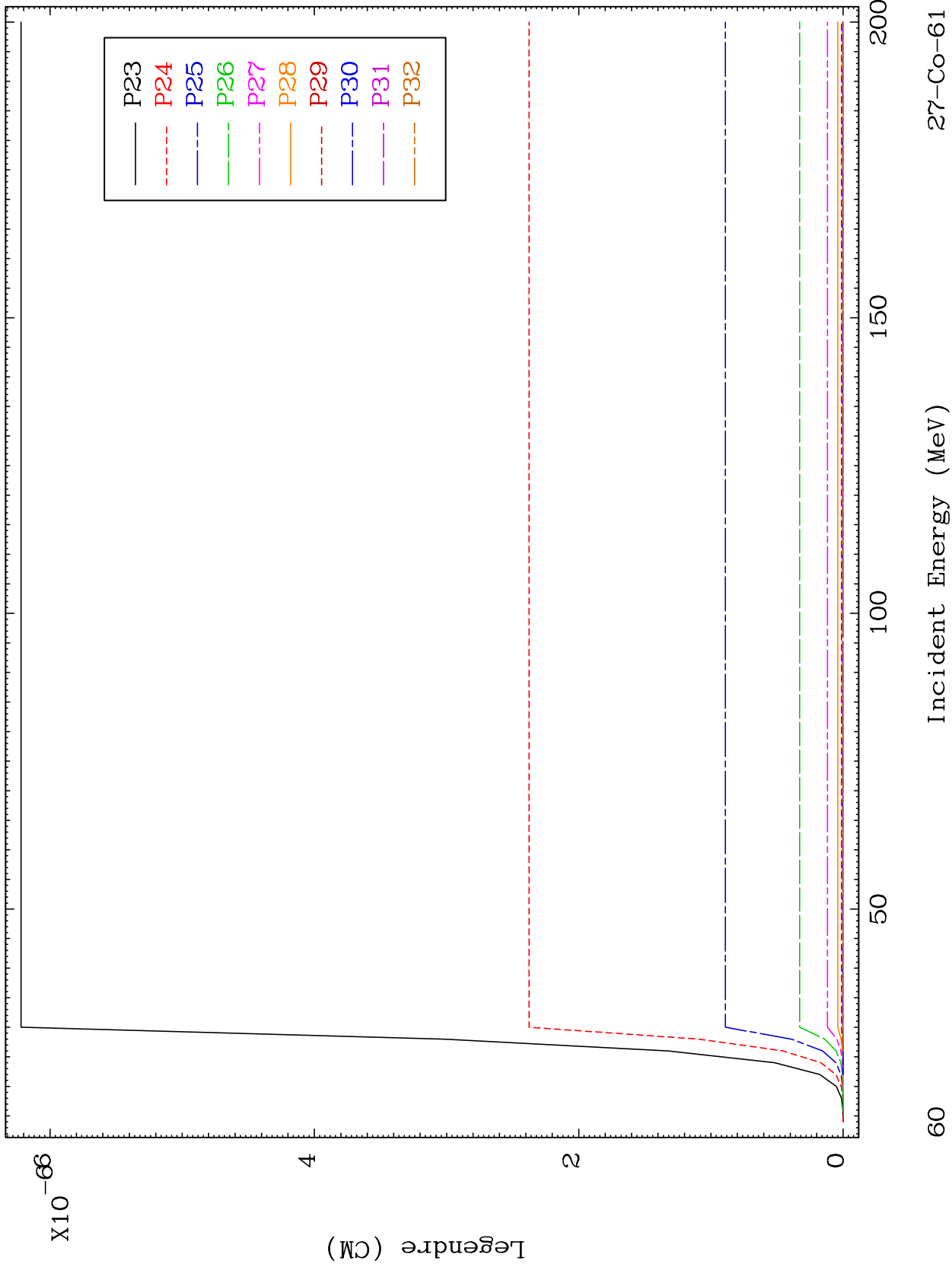
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MAT 2731

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

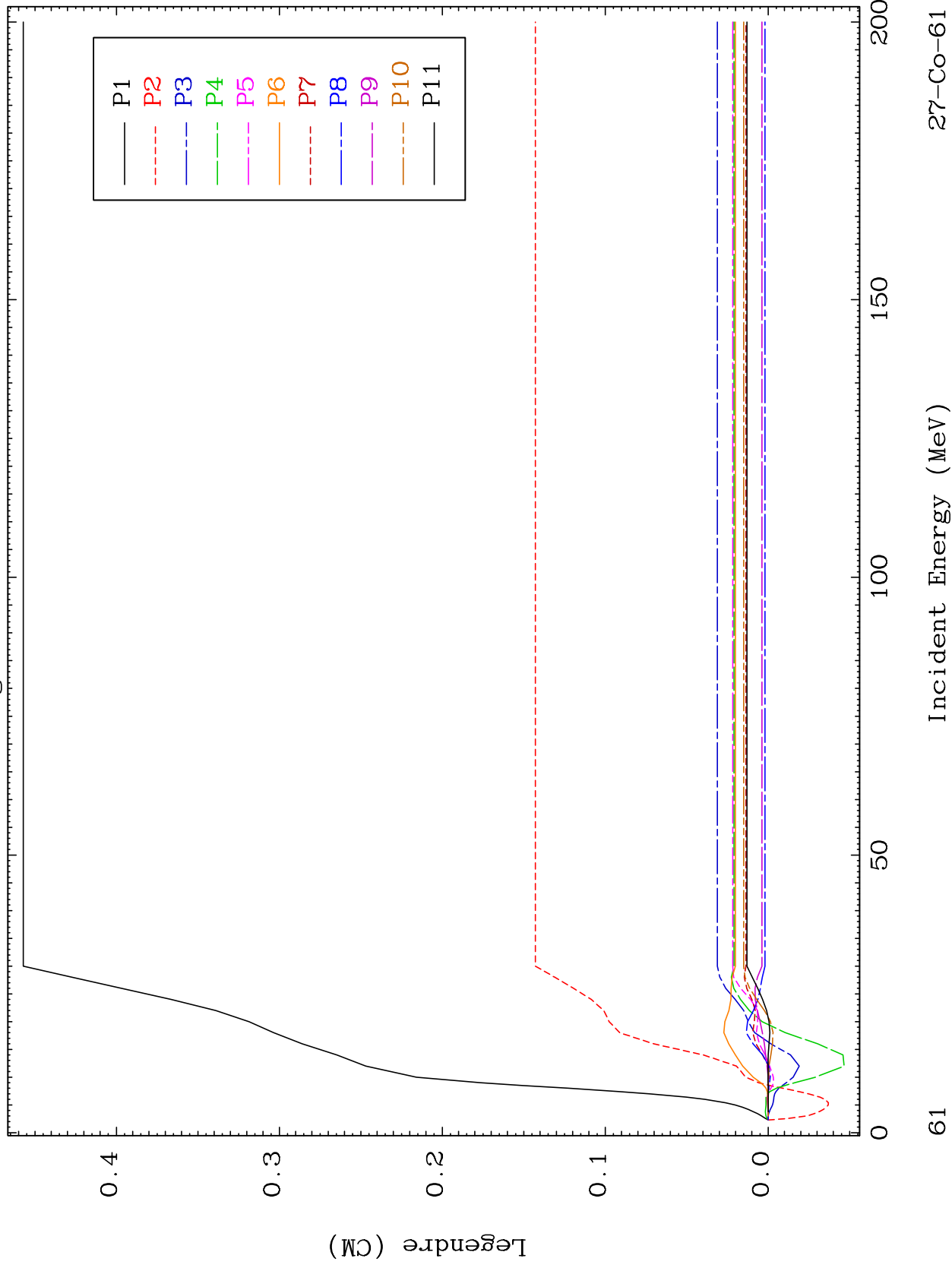
27-Co-61



MAT 2731

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

27-Co-61



27-Co-61

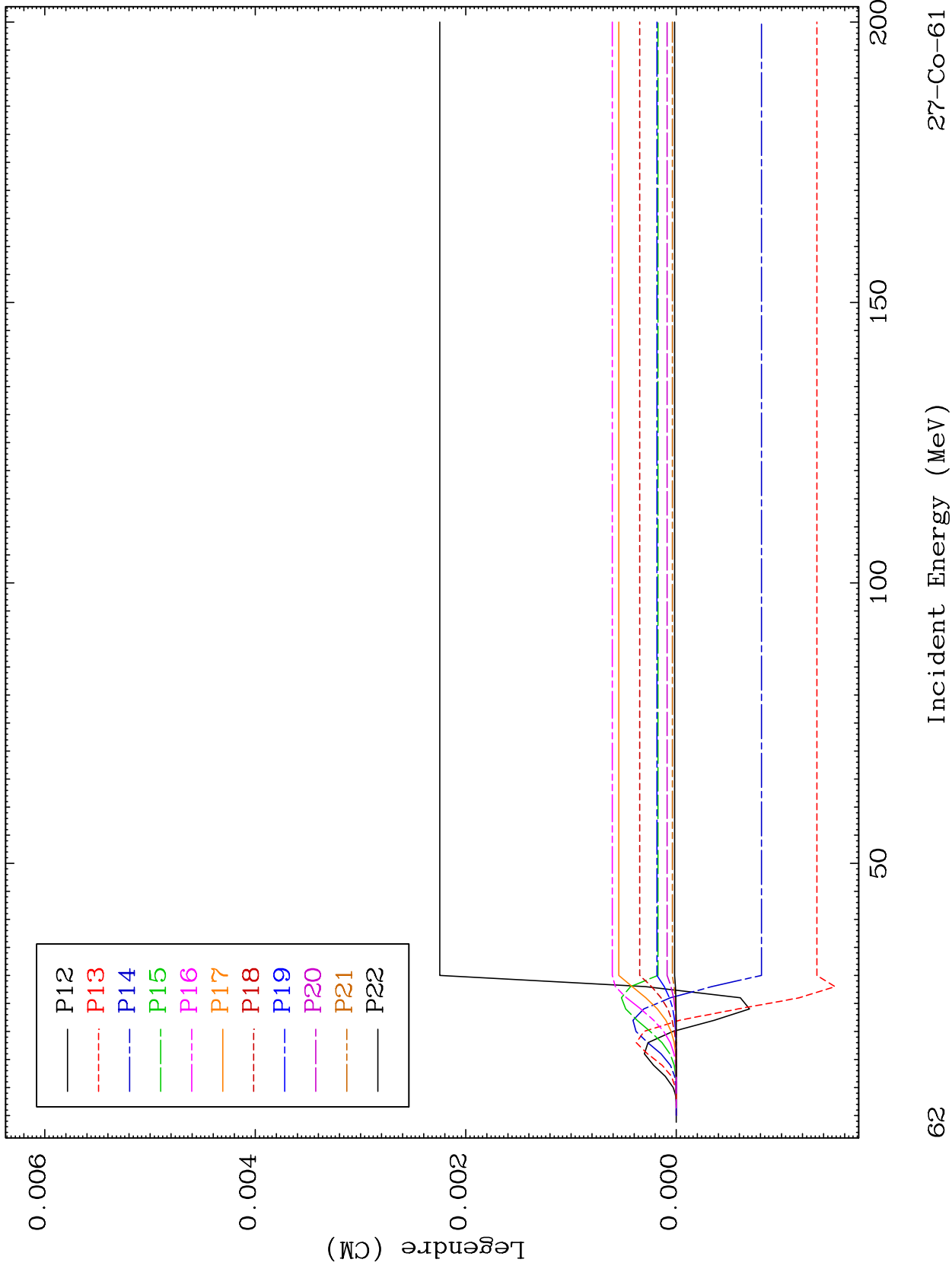
Incident Energy (MeV)

61

MAT 2731

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

27-Co-61



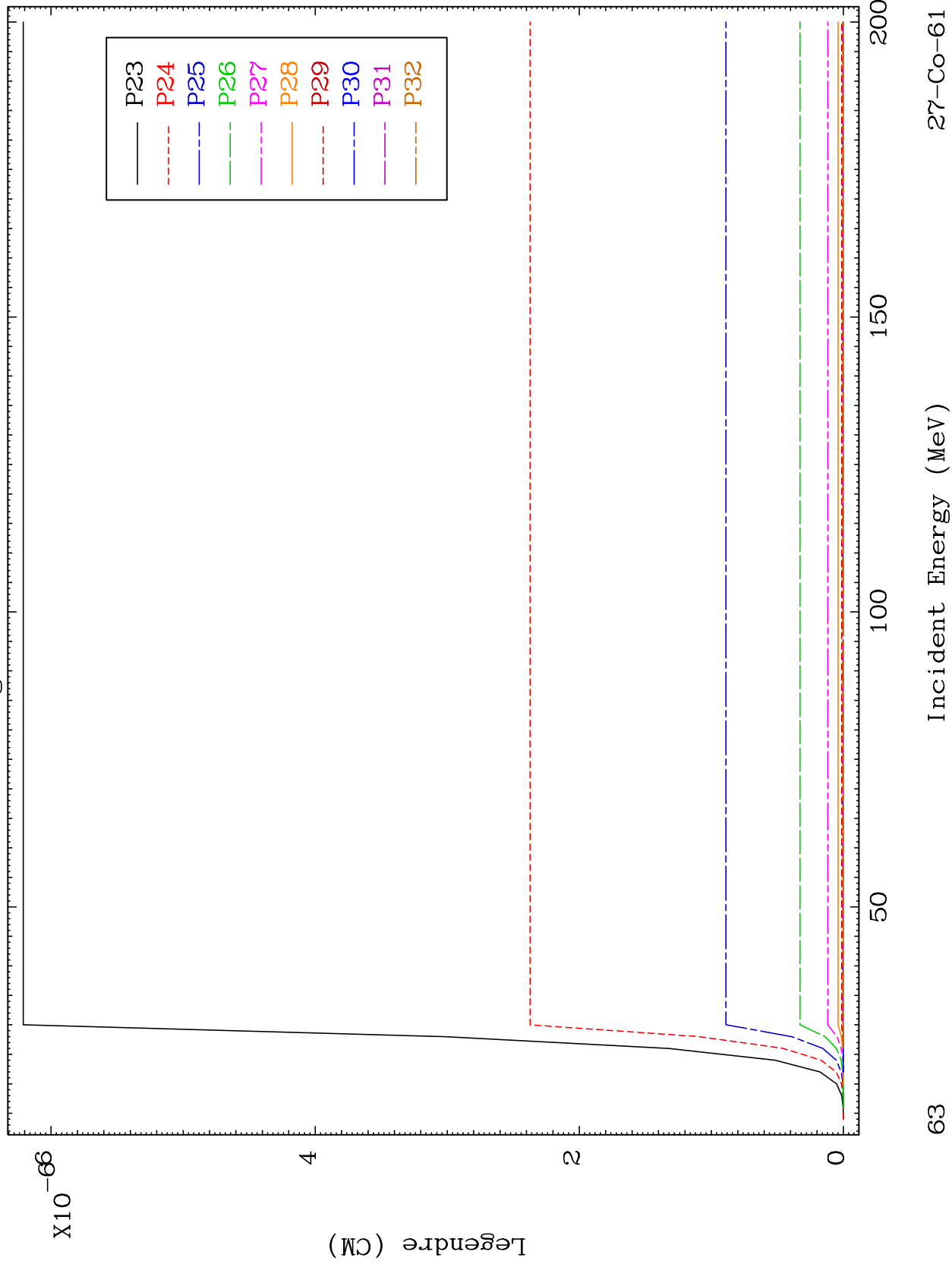
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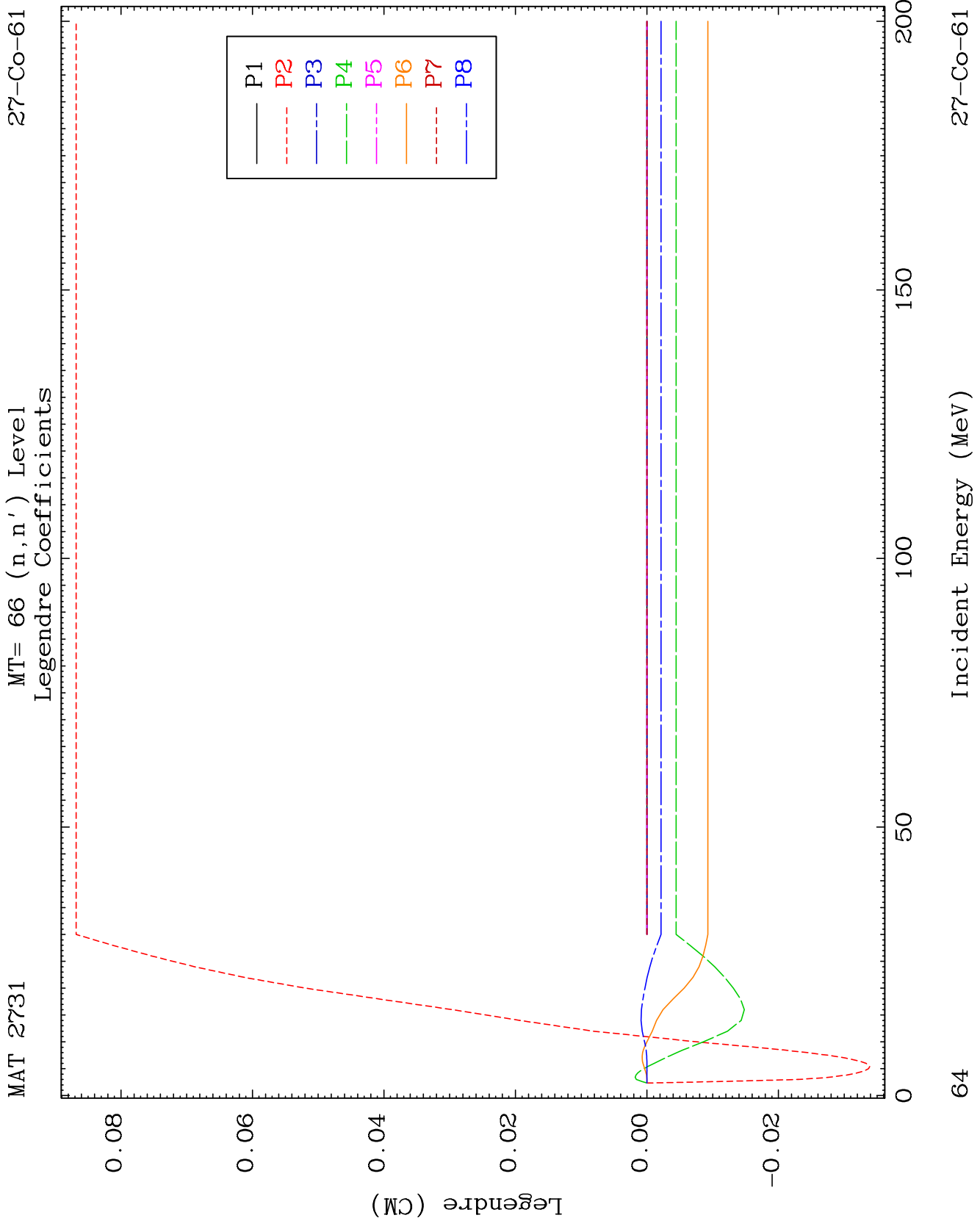
27-Co-61

MAT 2731

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

27-Co-61

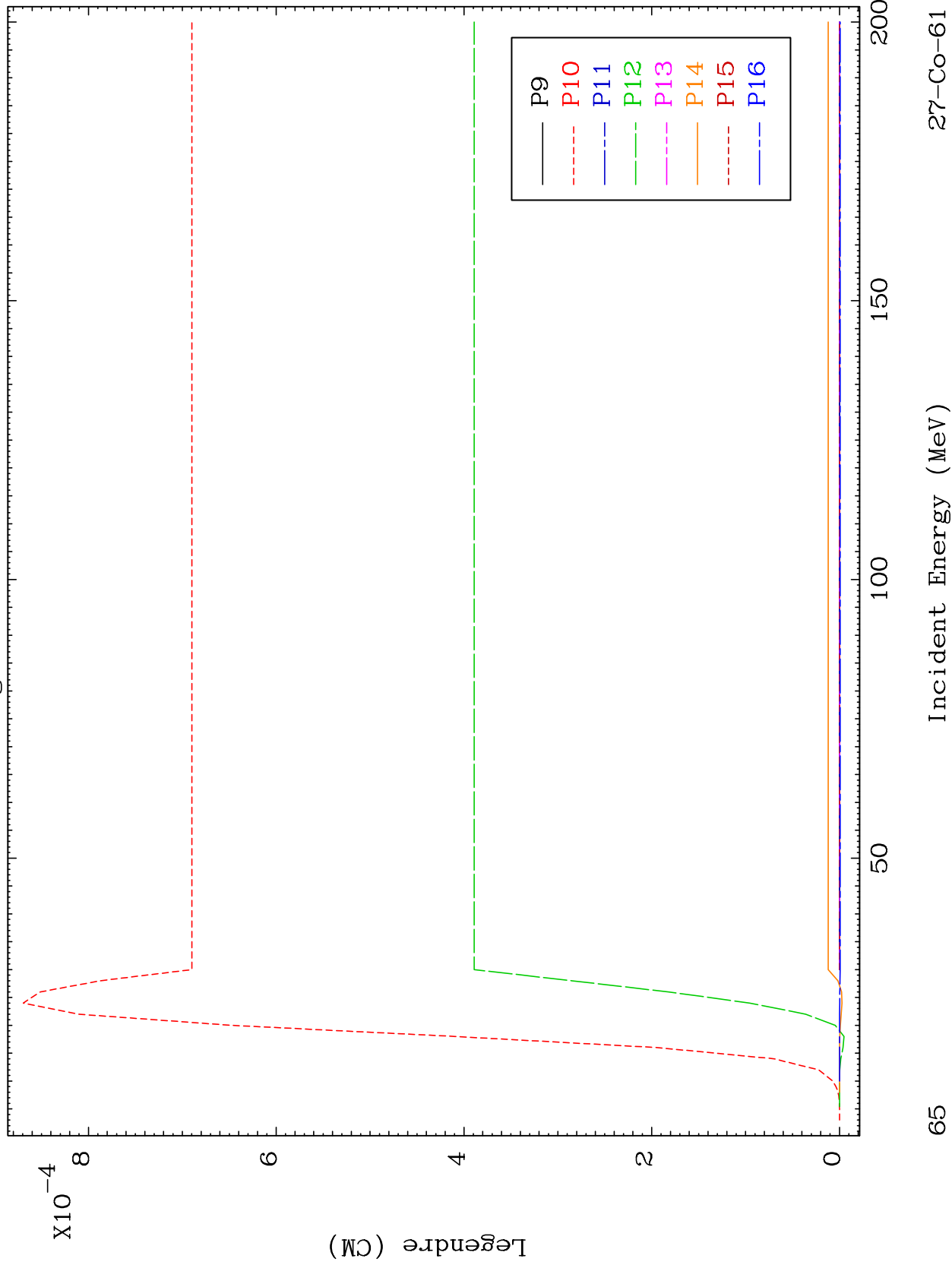




MAT 2731

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

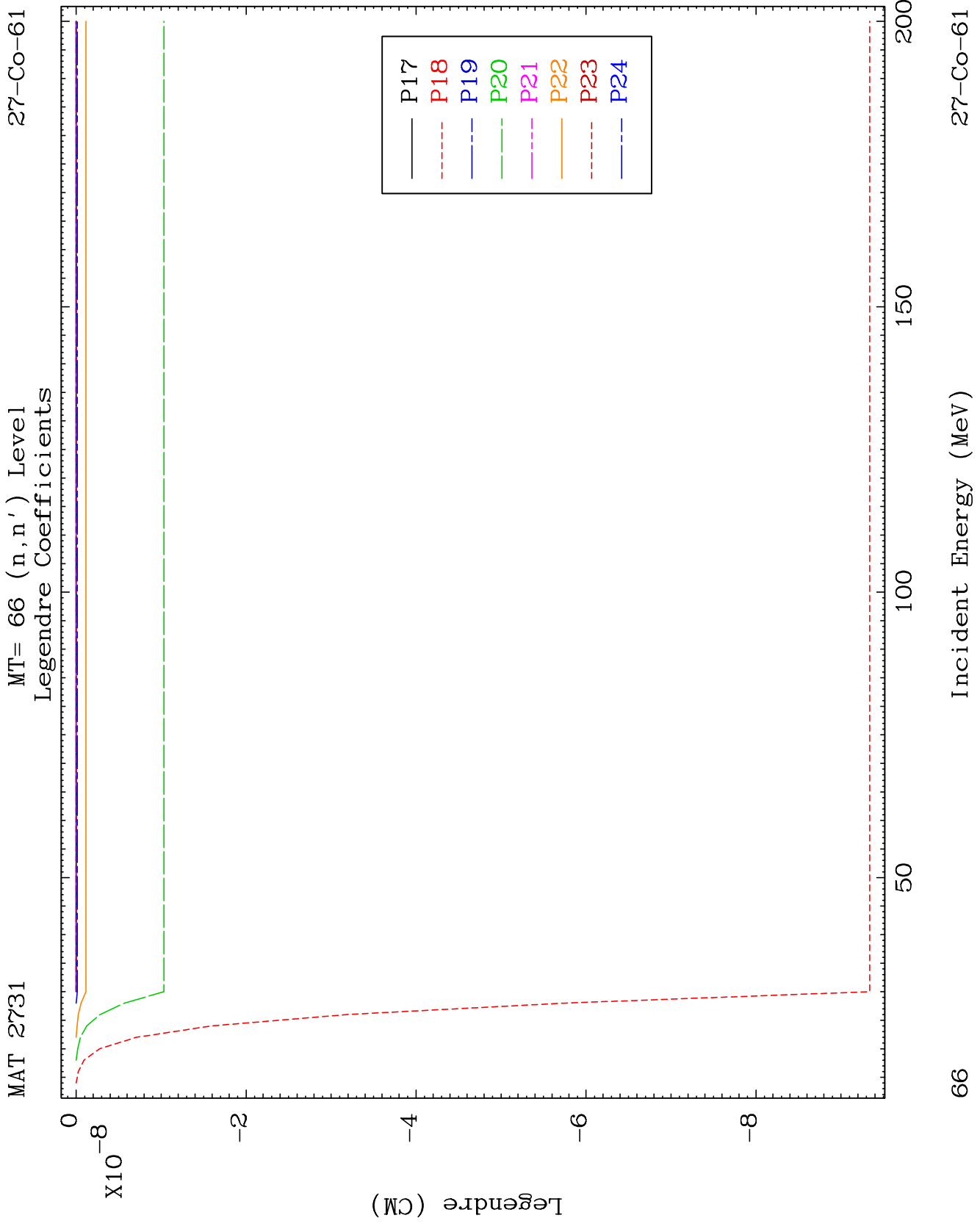
27-Co-61



65

Incident Energy (MeV)

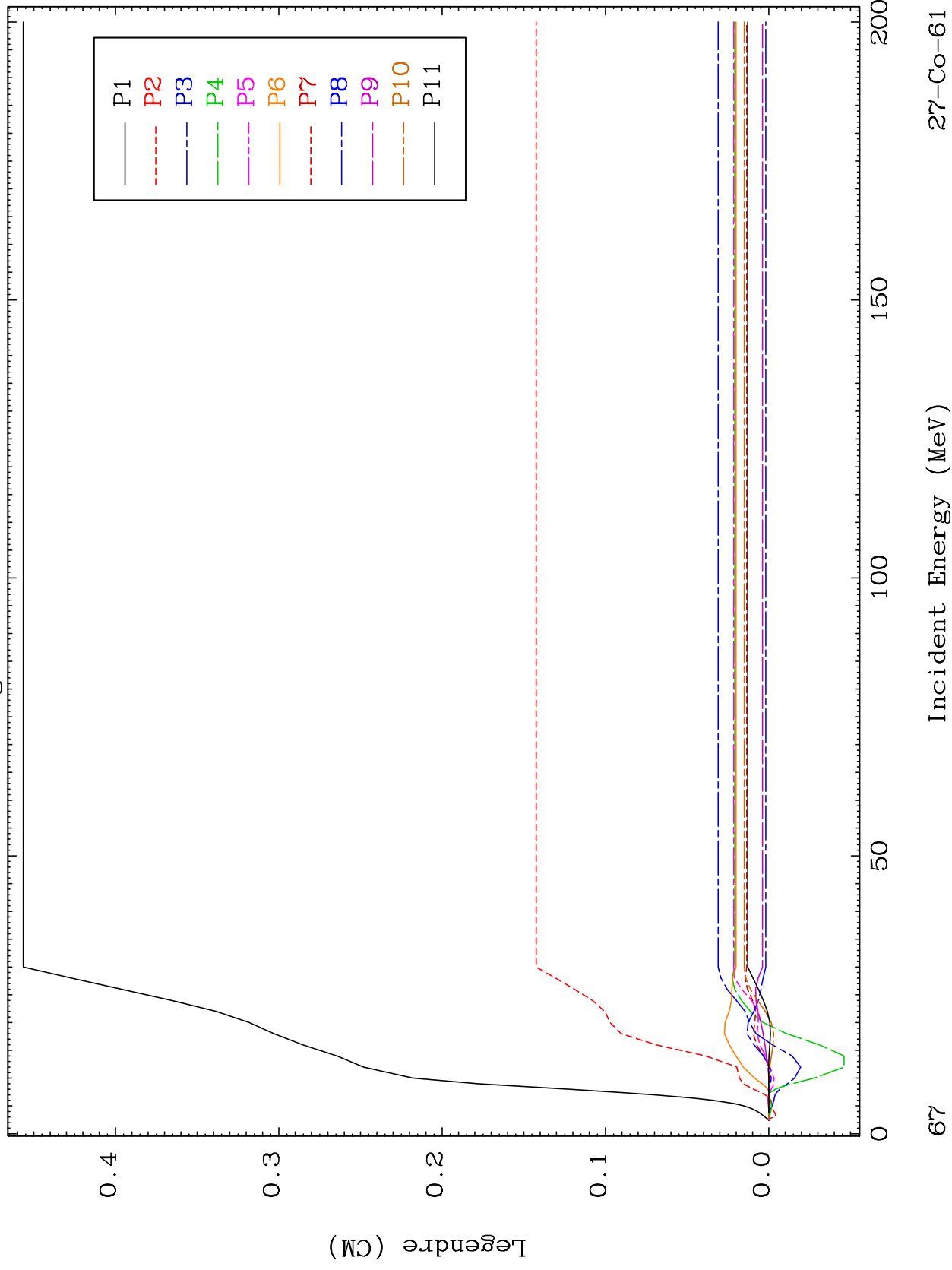
27-Co-61



MAT 2731

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

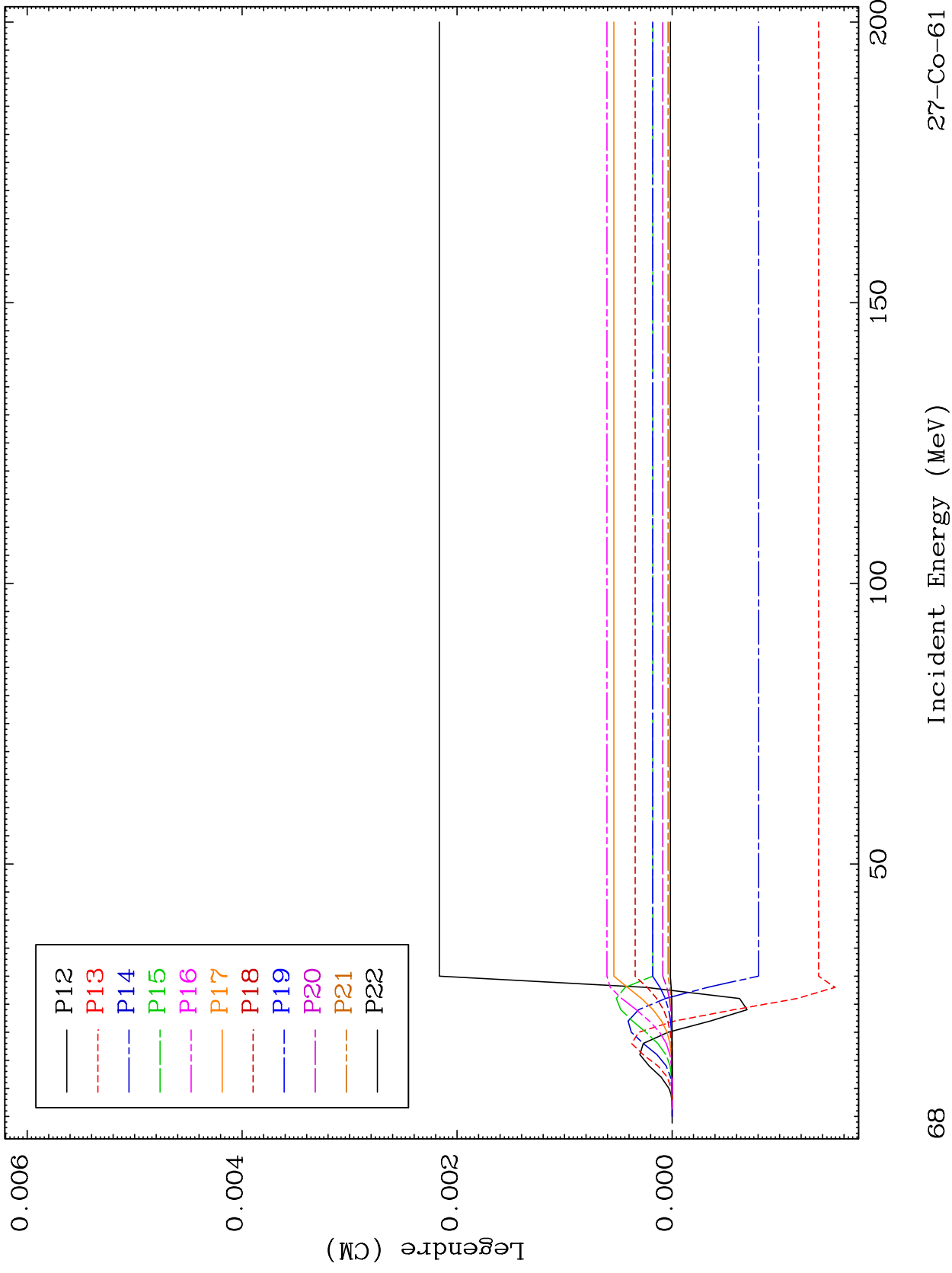
27-Co-61



MAT 2731

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

27-Co-61



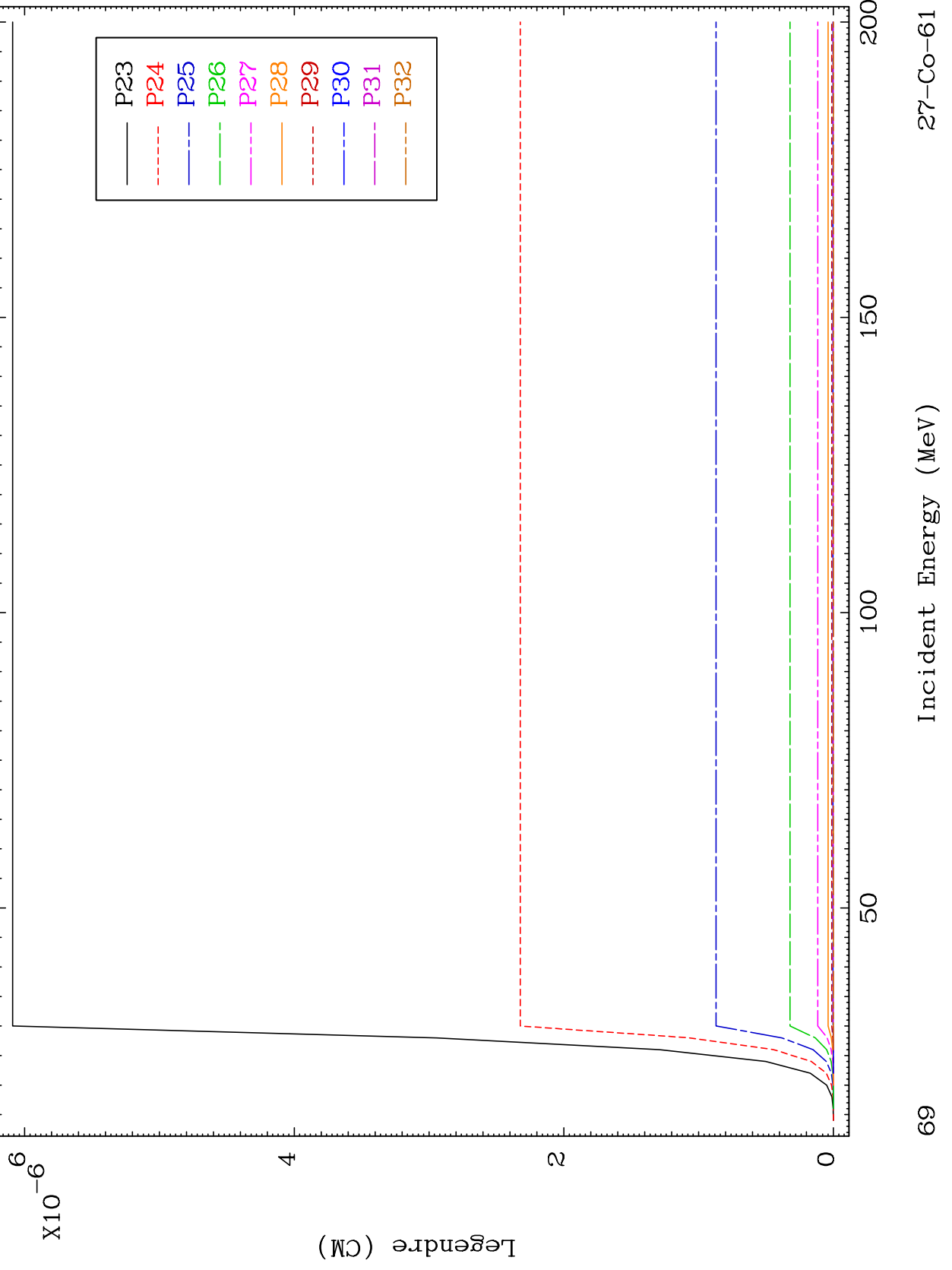
68

27-Co-61

MAT 2731

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

27-Co-61



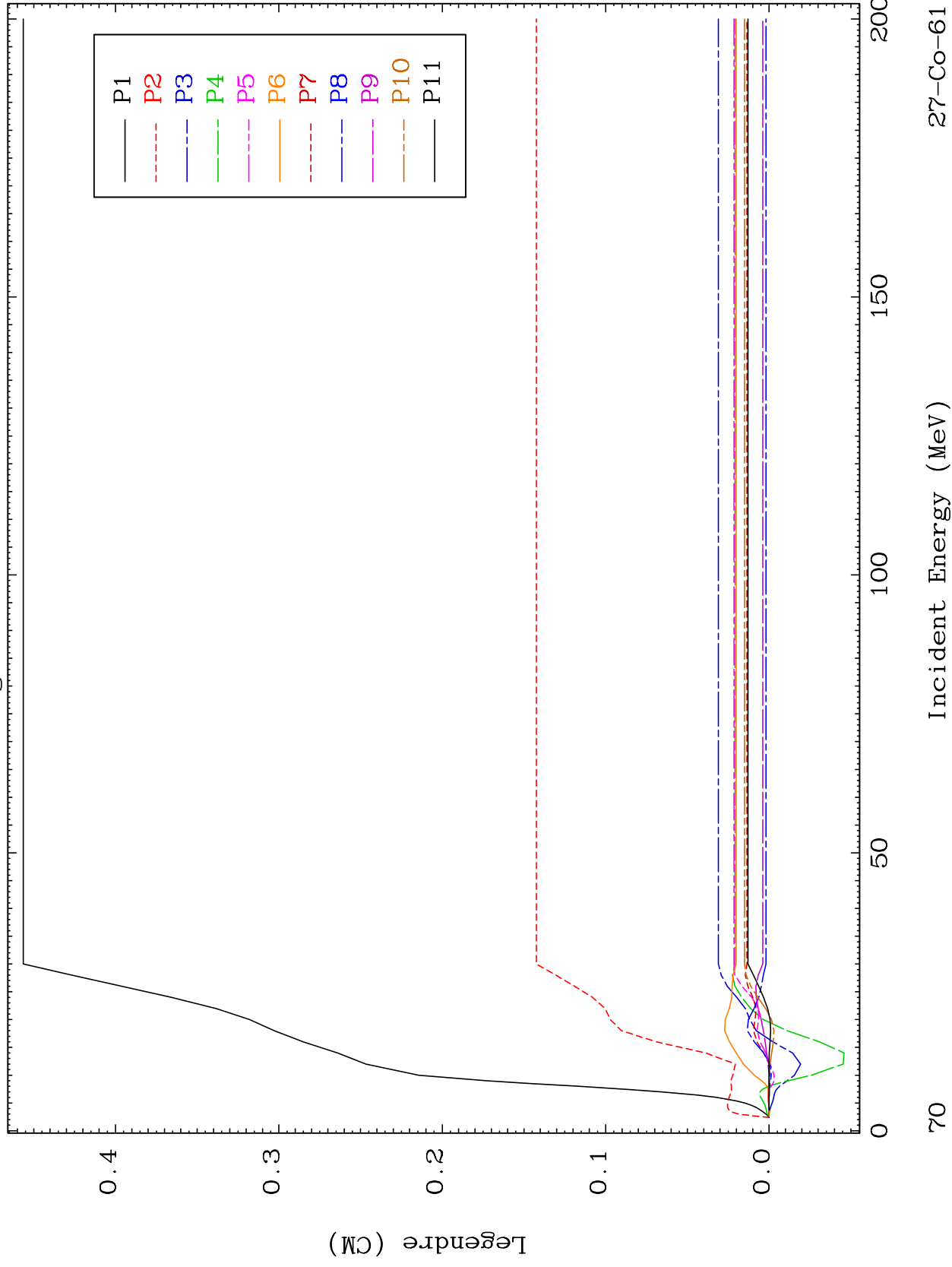
69

27-Co-61

MAT 2731

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

27-Co-61



27-Co-61

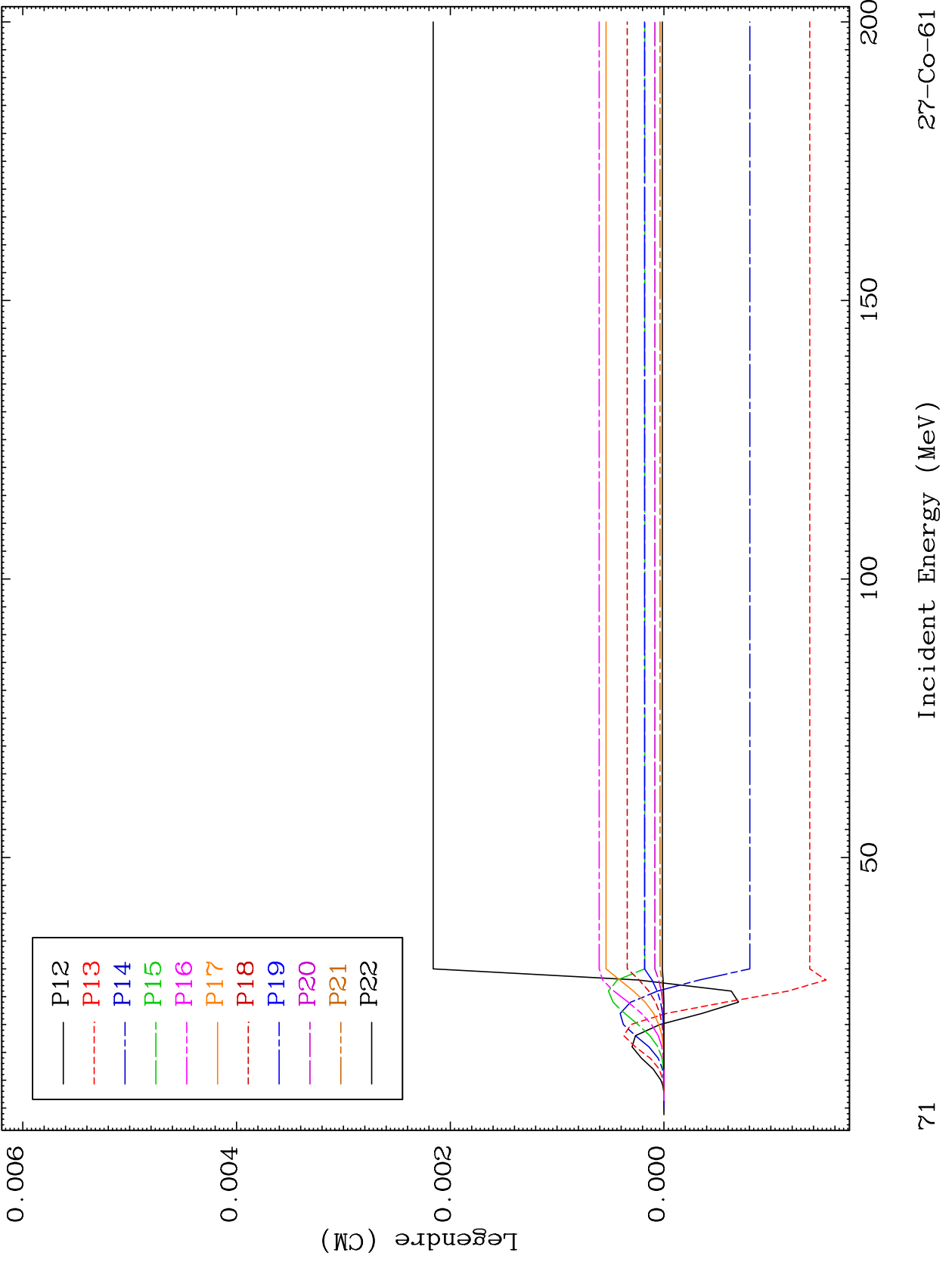
Incident Energy (MeV)

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MAT 2731

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

27-Co-61



71

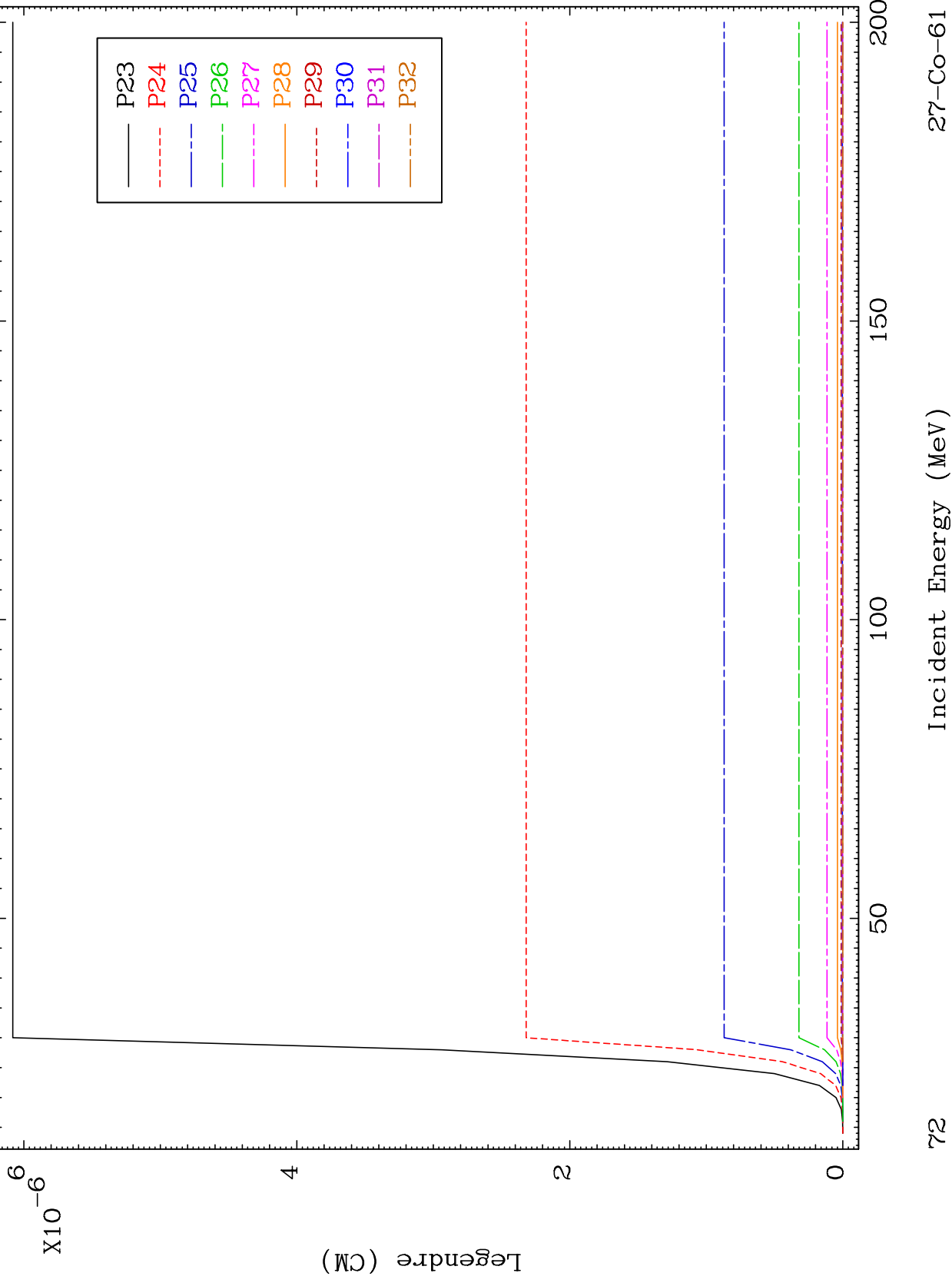
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



72

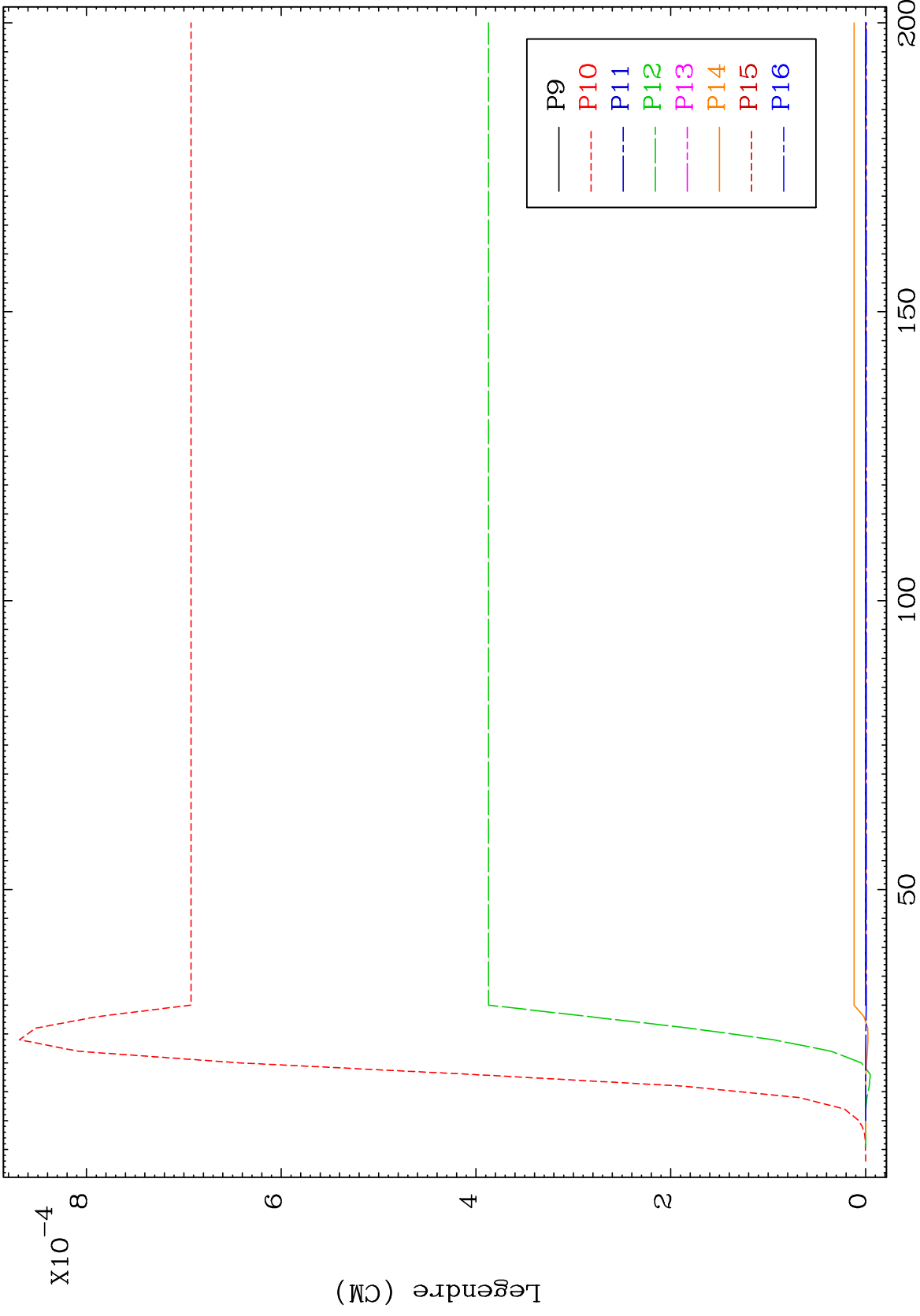
Incident Energy (MeV)

27-Co-61

MAT 2731

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

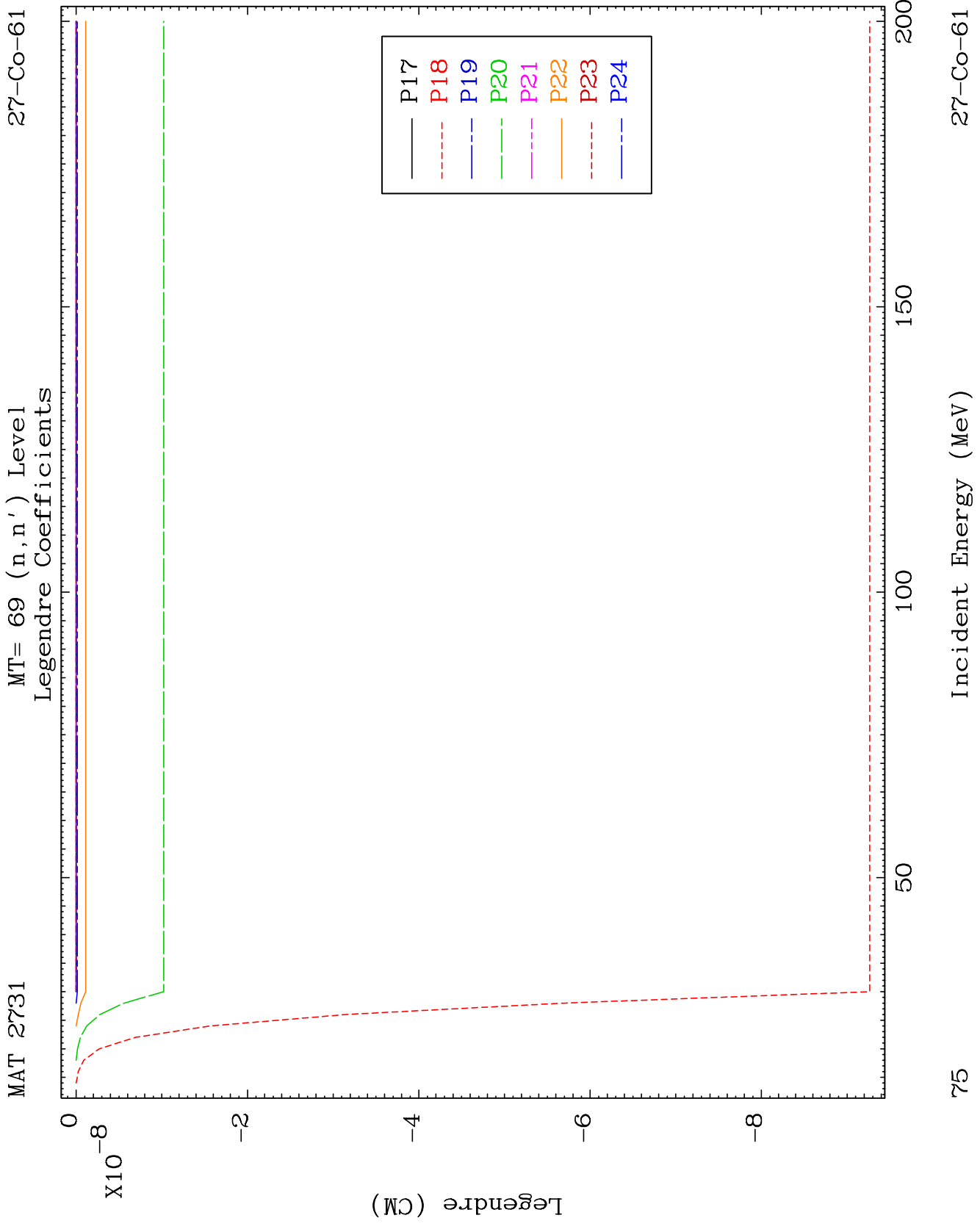
27-Co-61

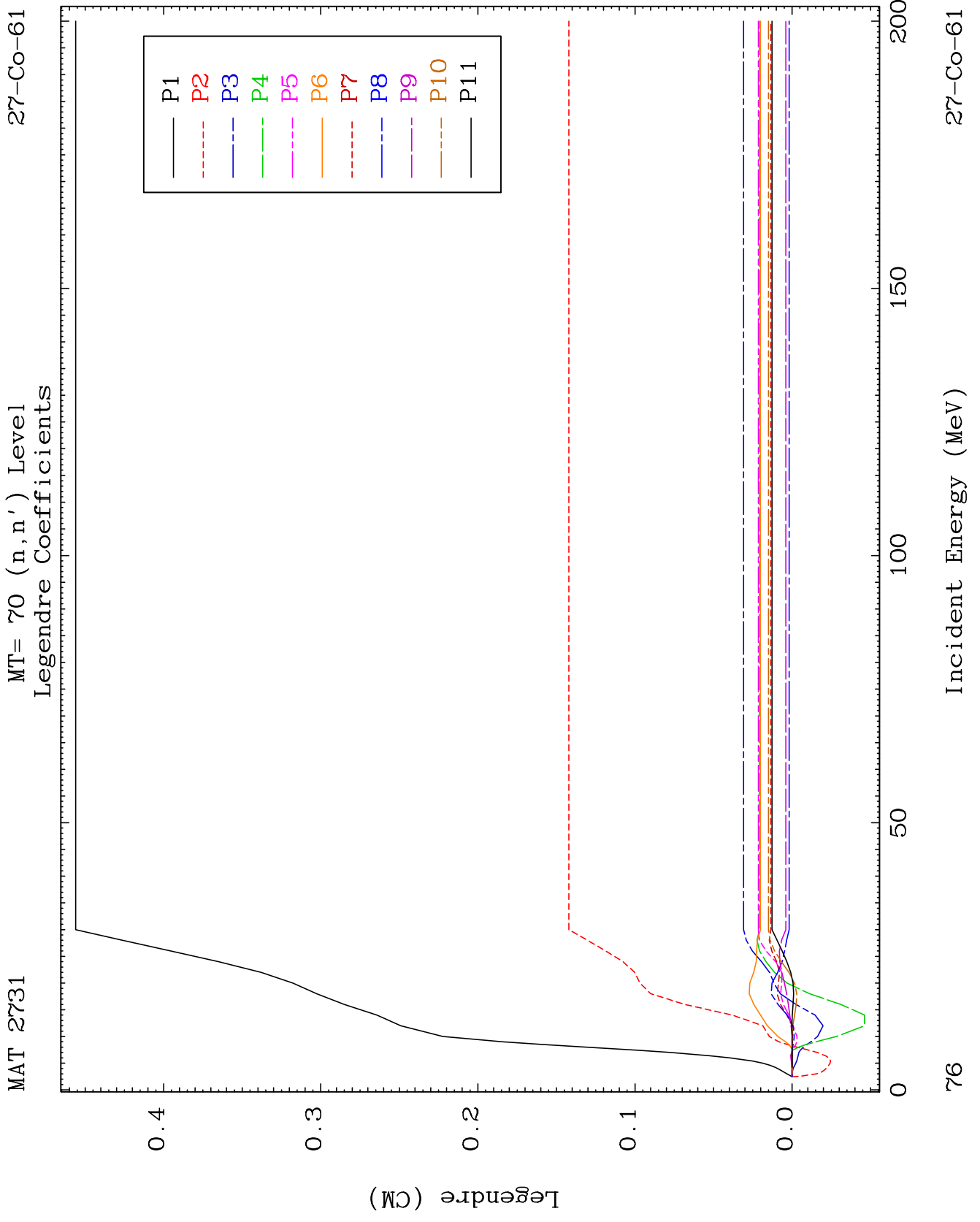


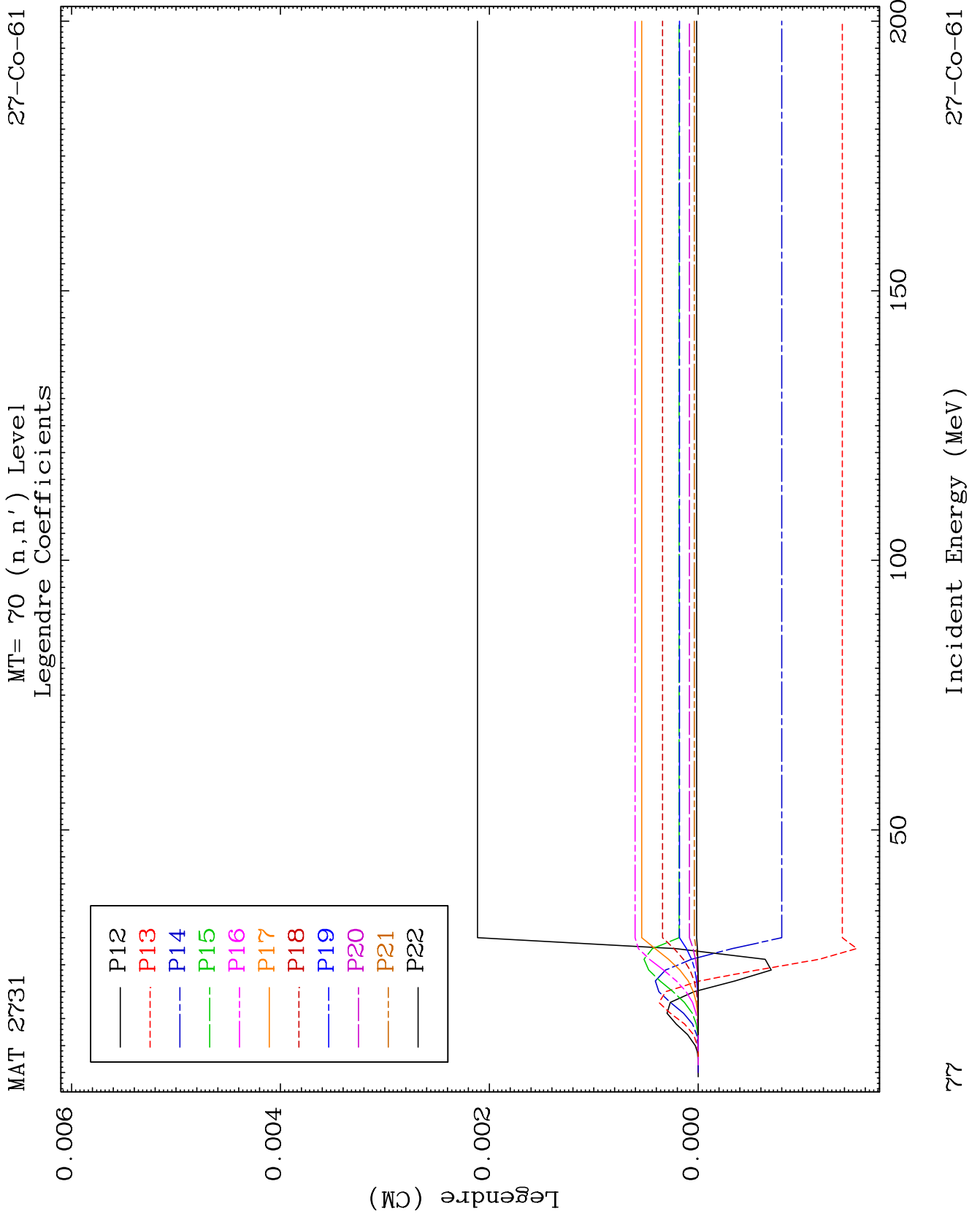
74

Incident Energy (MeV)

27-Co-61



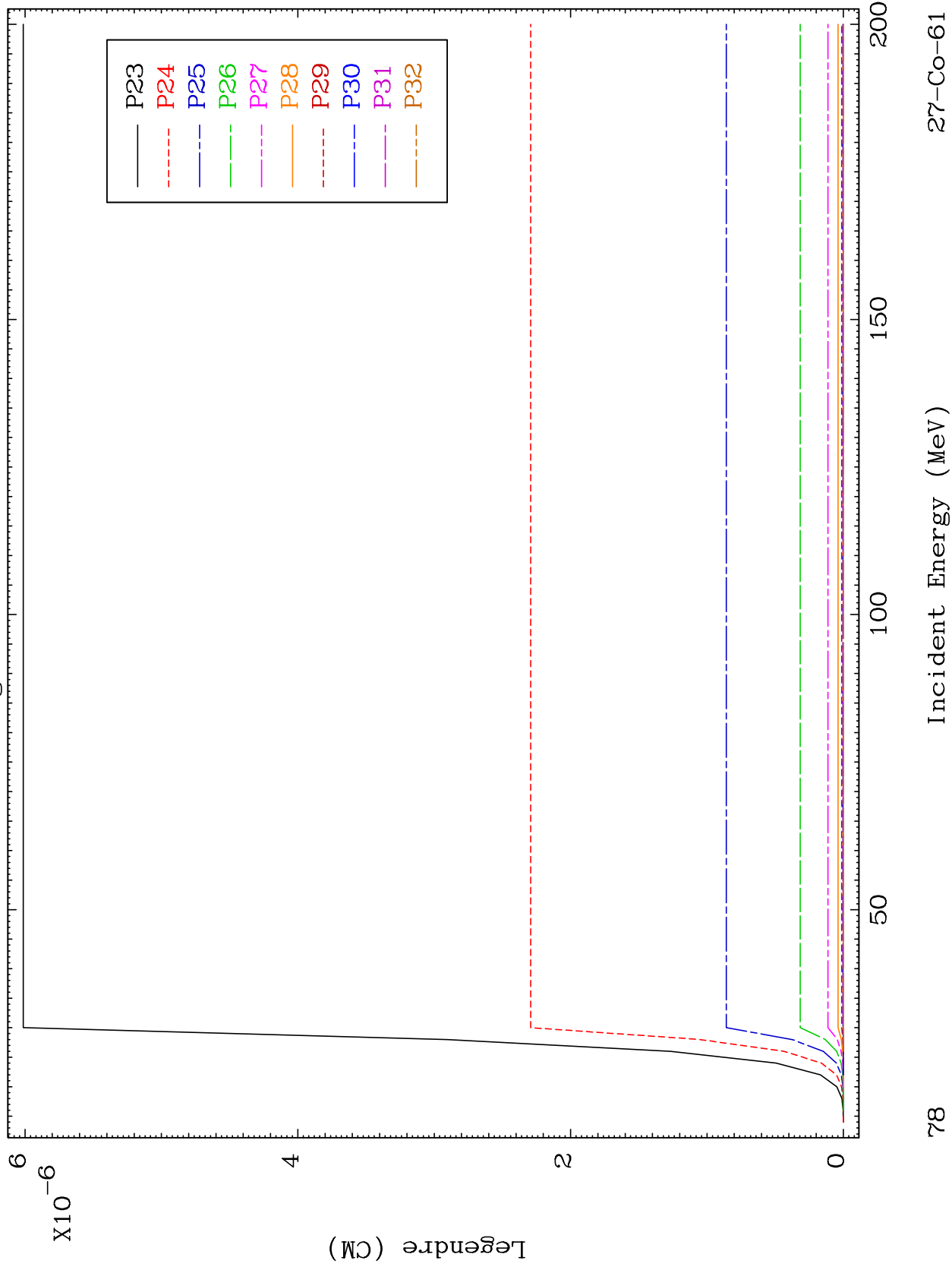




MAT 2731

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

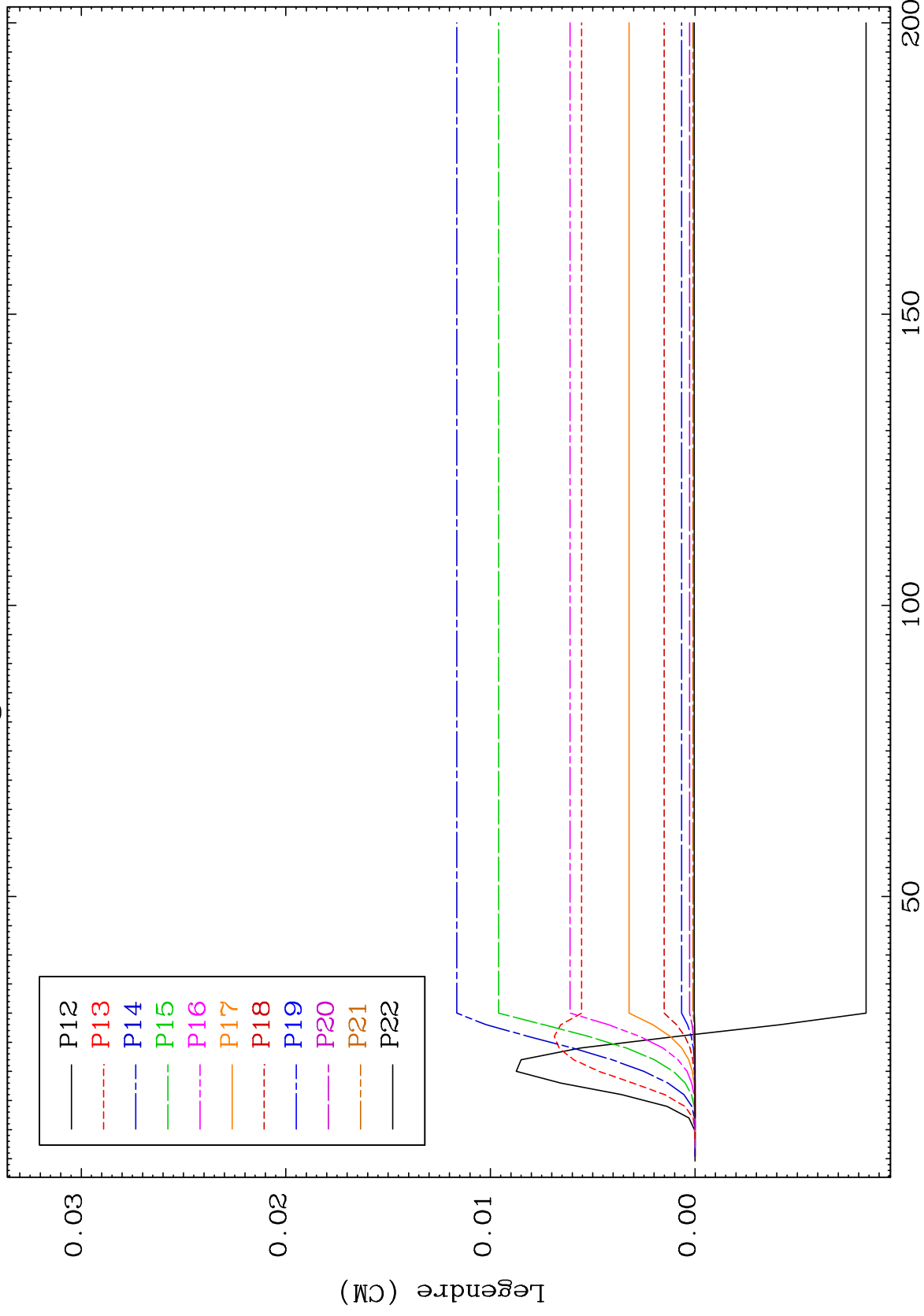
27-Co-61



MAT 2731

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

27-Co-61



80

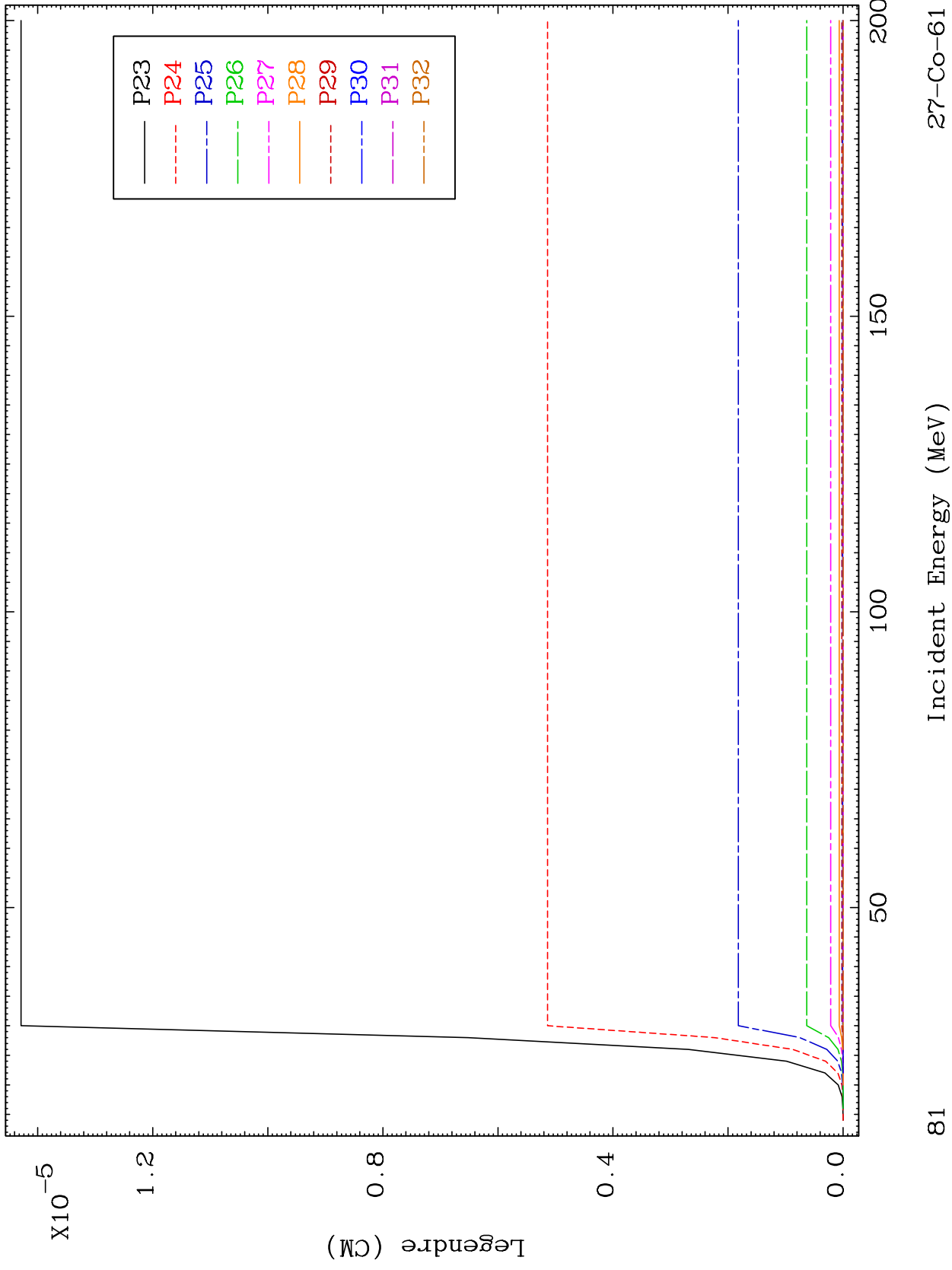
Incident Energy (MeV)

27-Co-61

MAT 2731

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

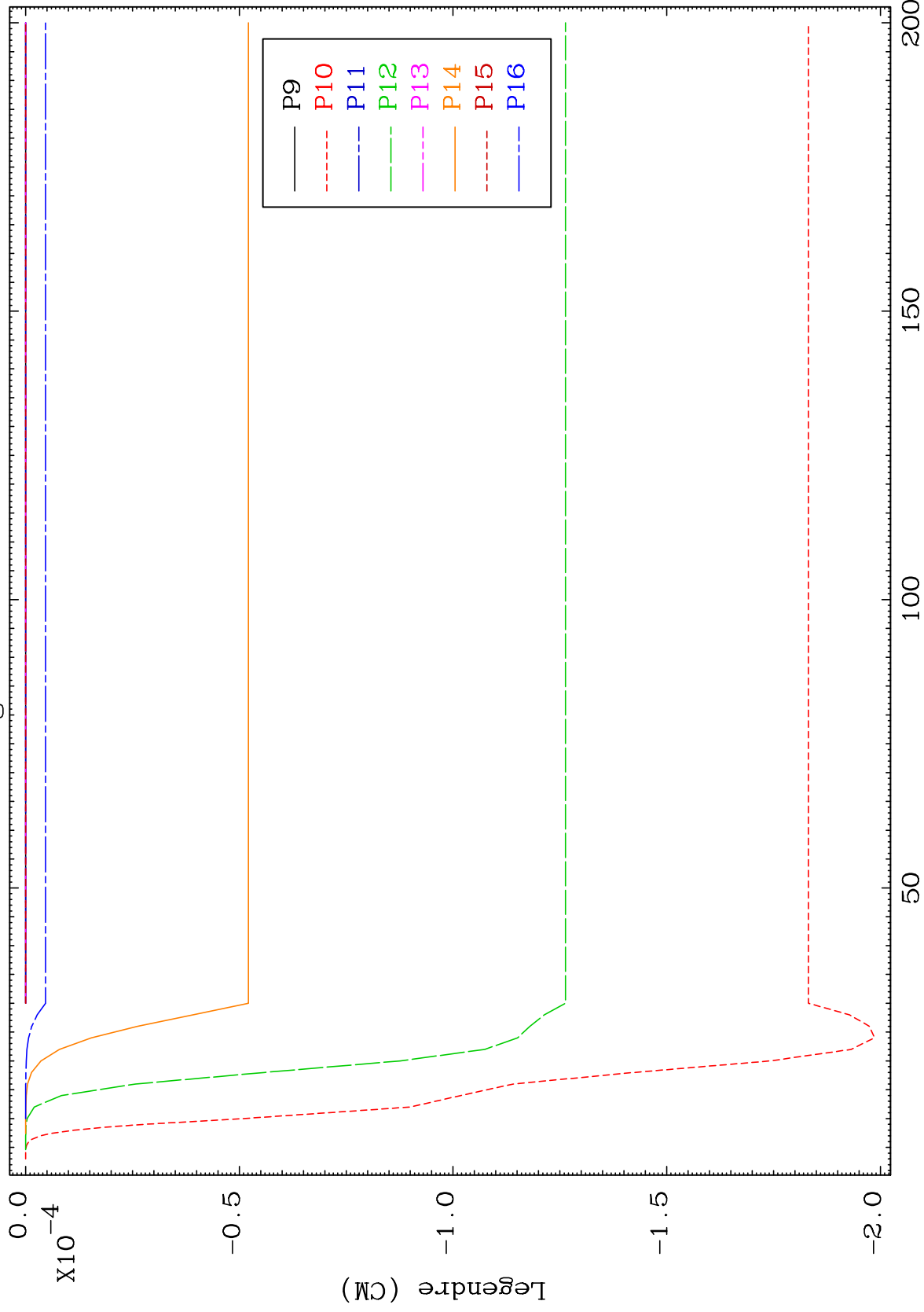
27-Co-61



MAT 2731

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

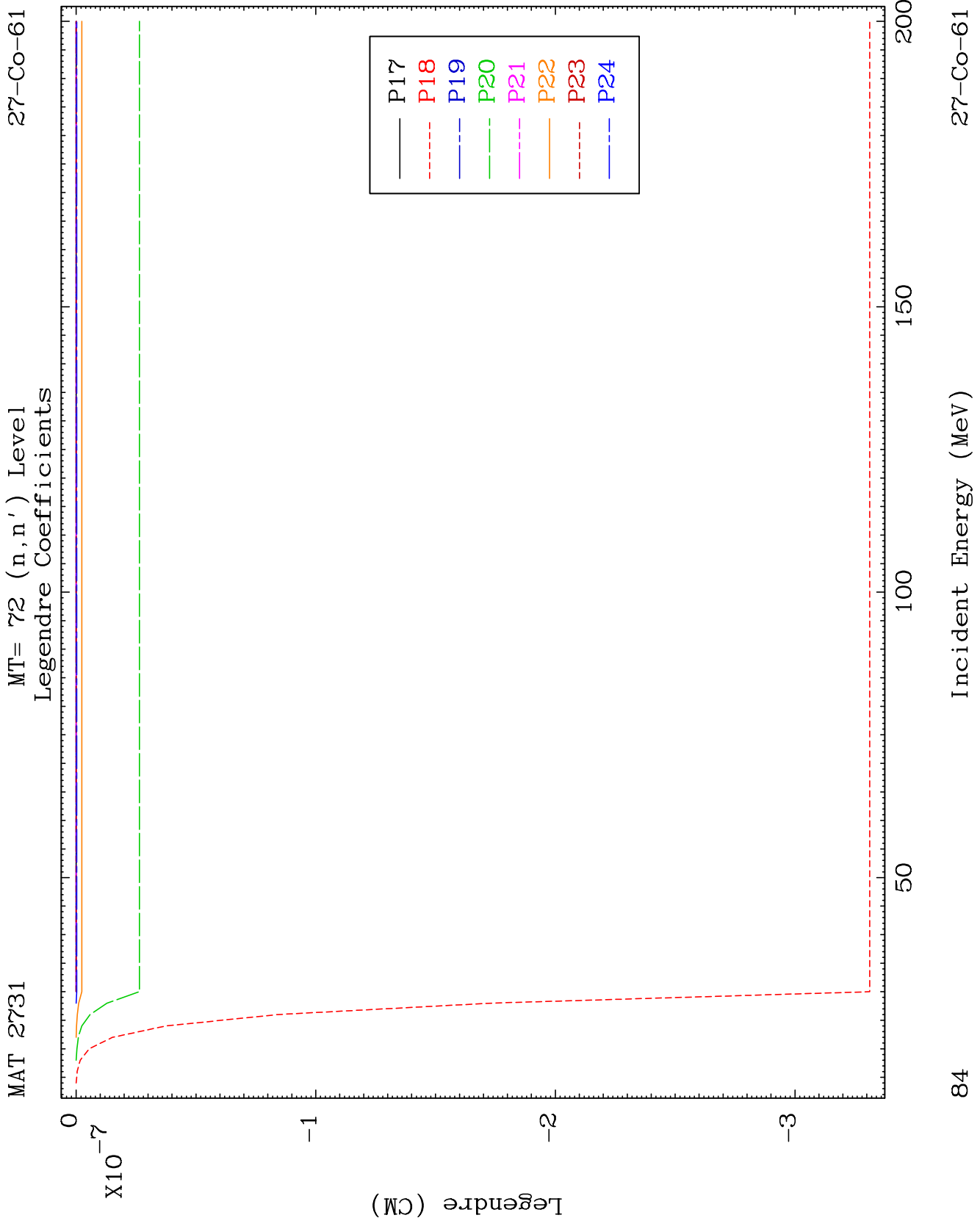
27-Co-61

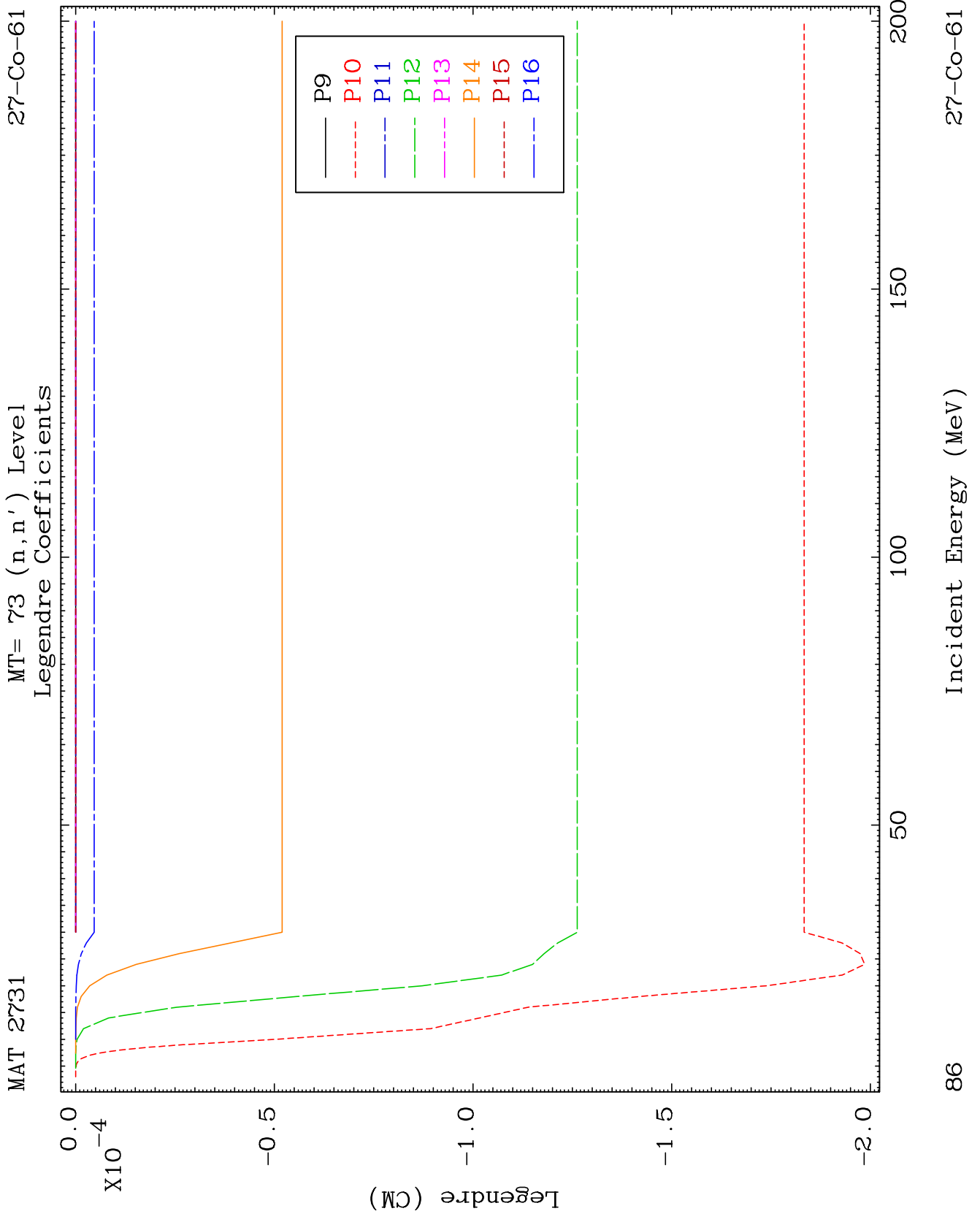


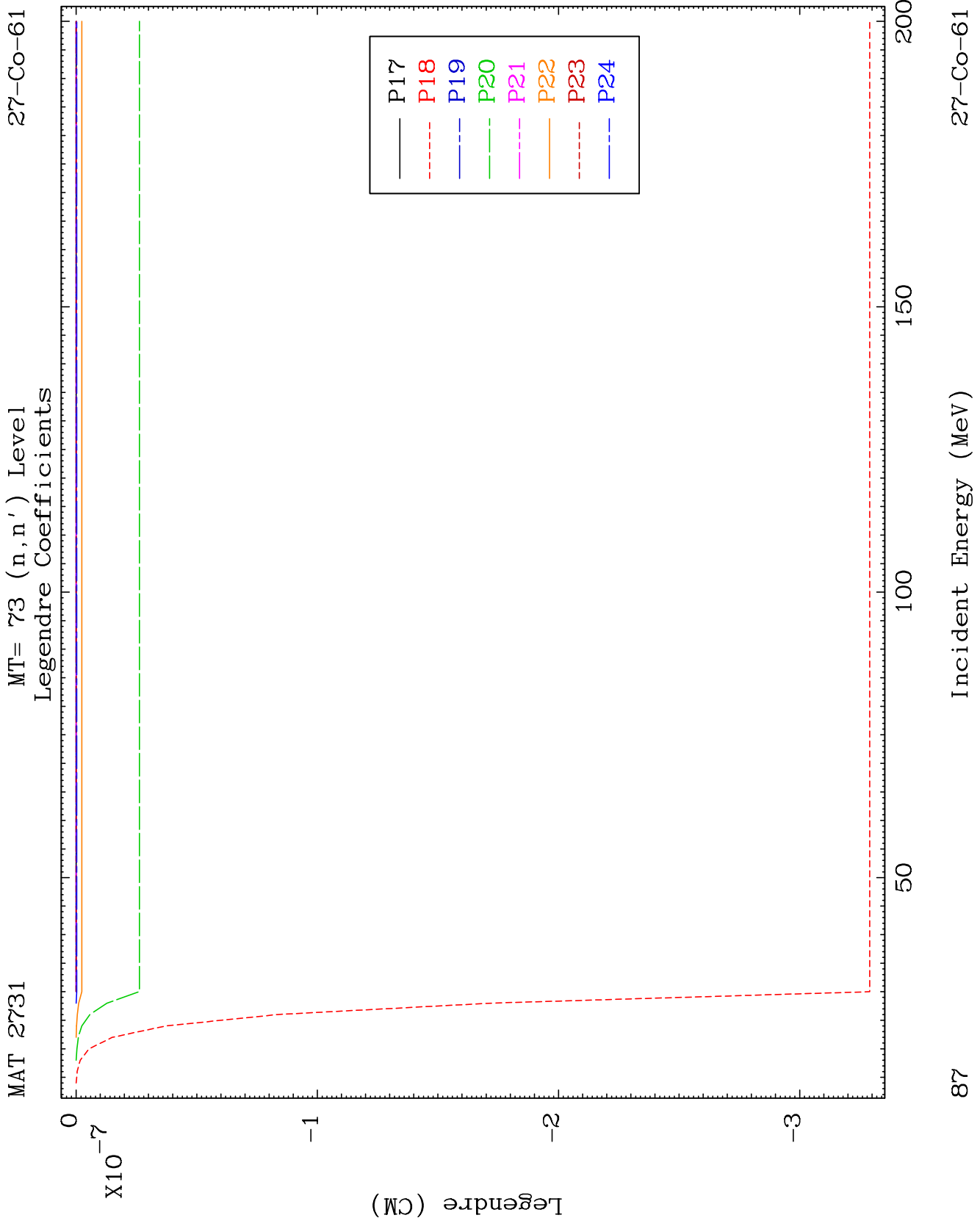
83

Incident Energy (MeV)

27-Co-61



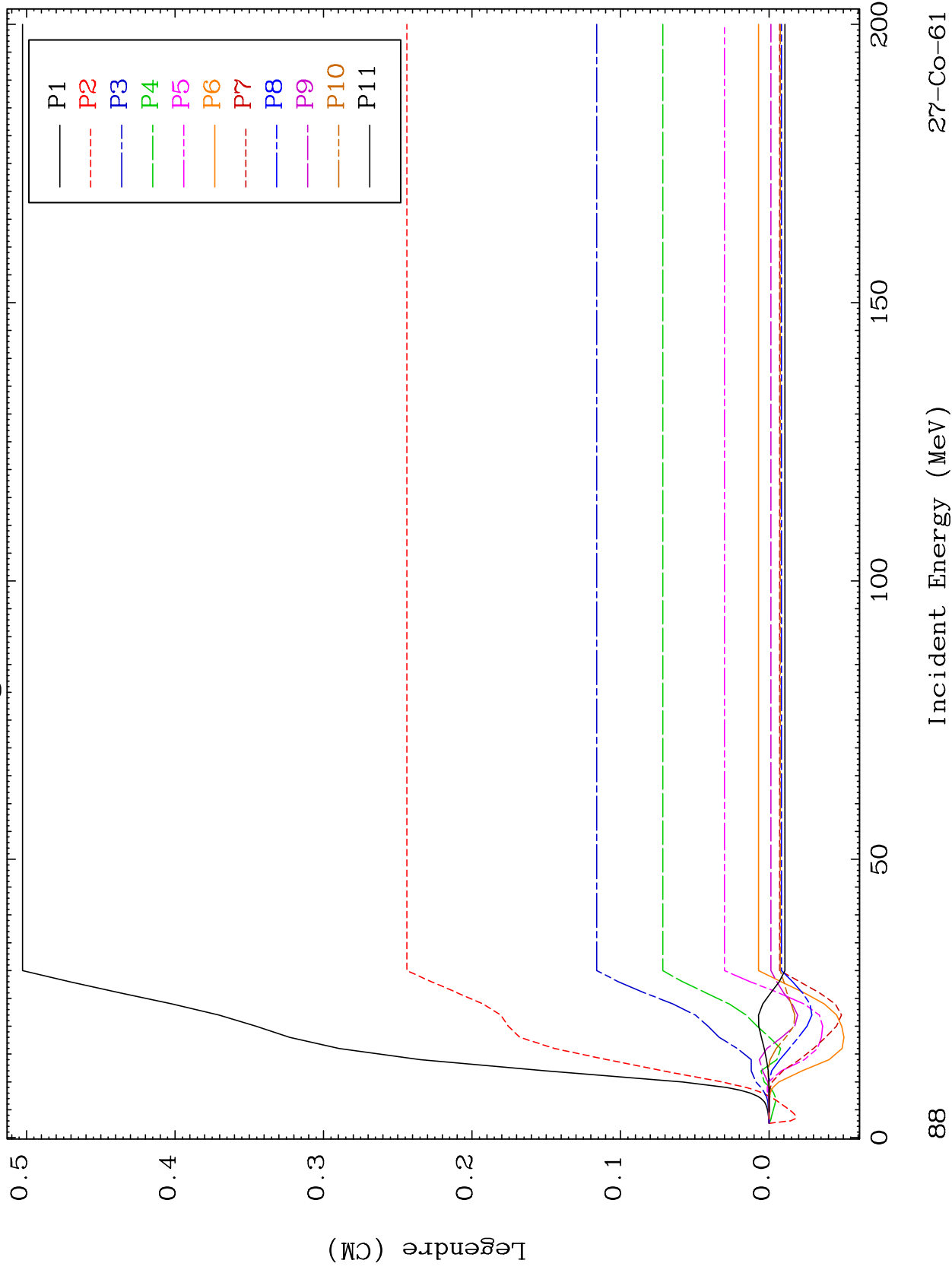




MAT 2731

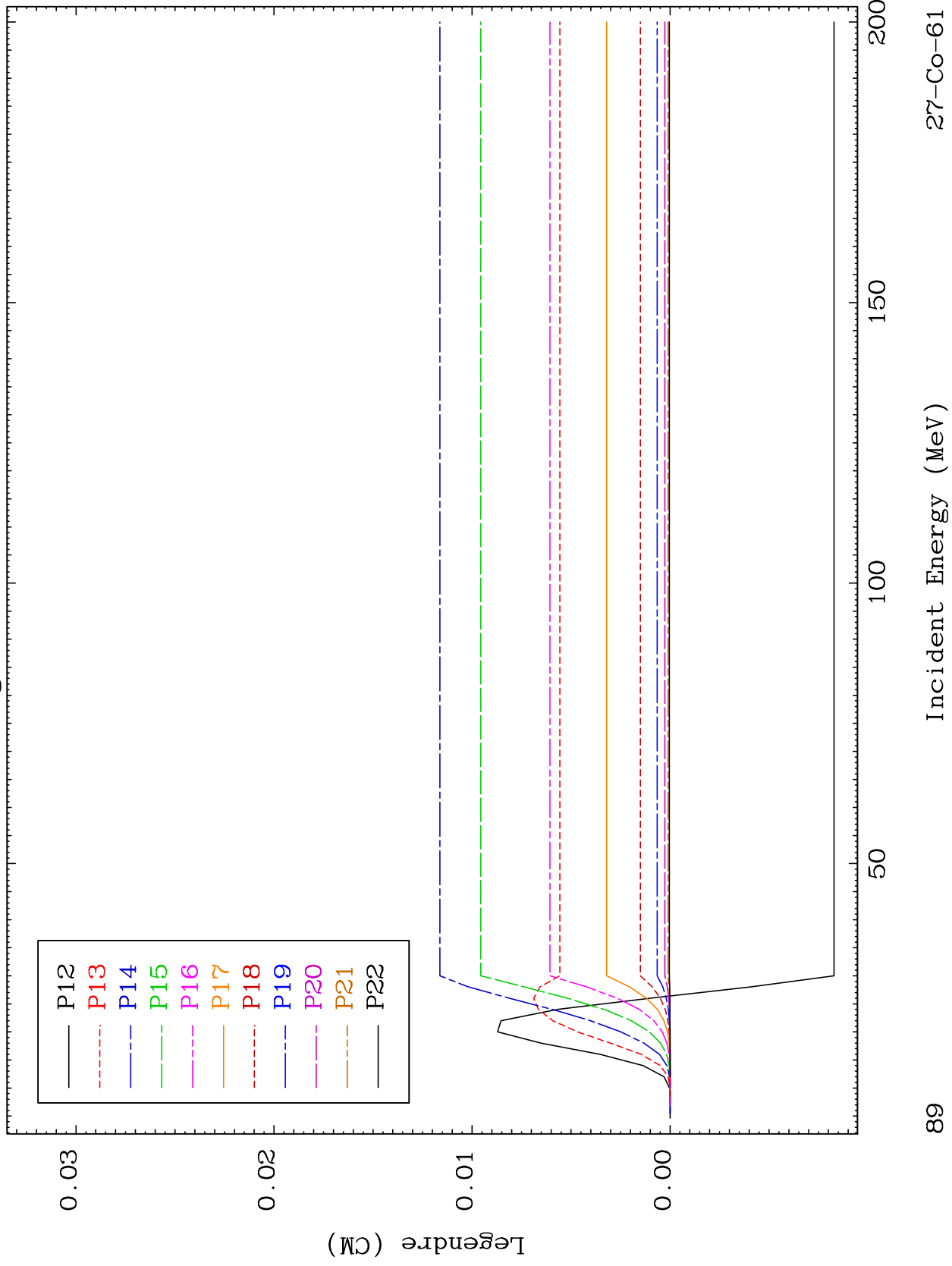
MT= 74 (n,n') Level
Legendre Coefficients

27-Co-61



88

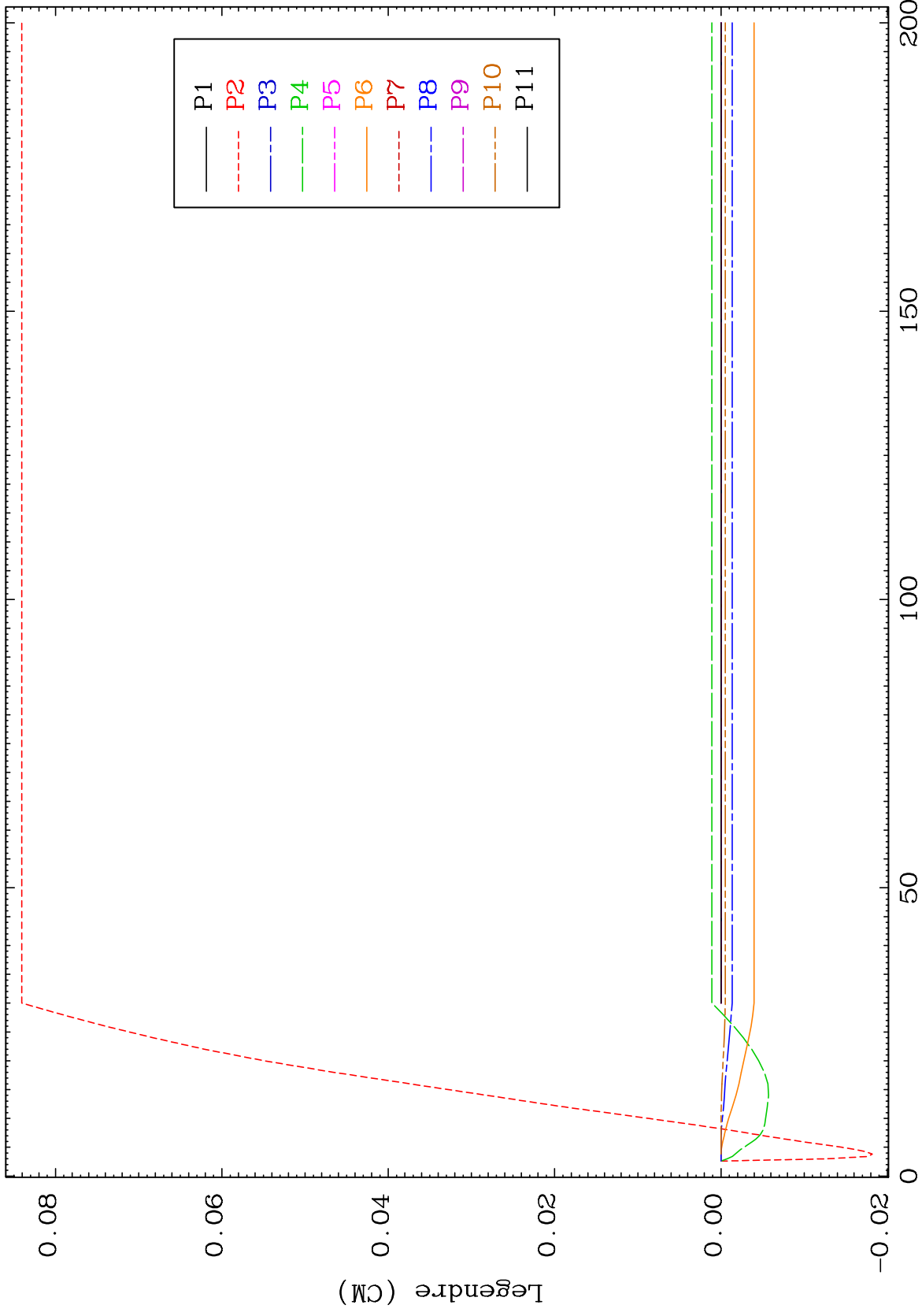
27-Co-61



MAT 2731

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

27-Co-61



91

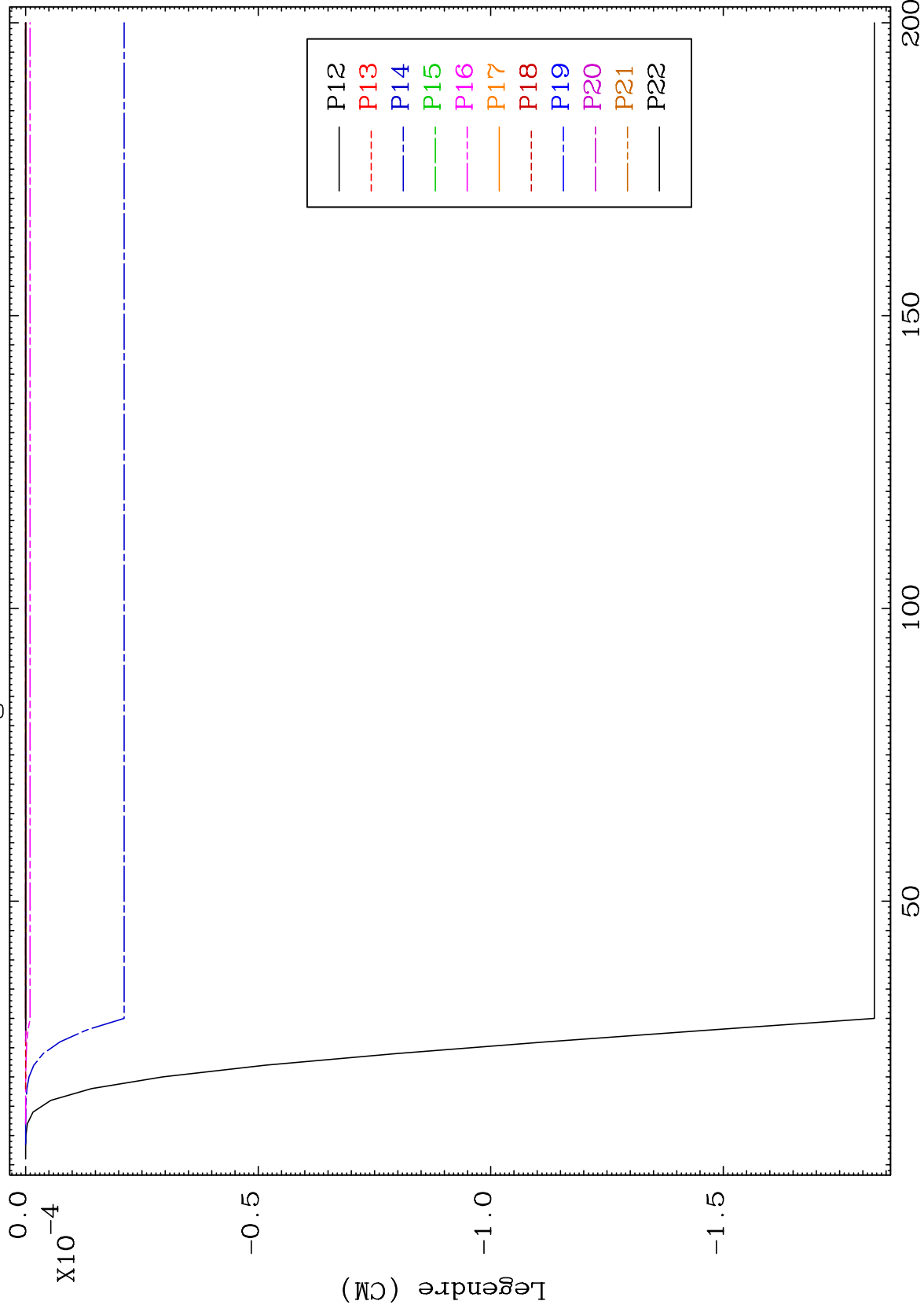
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



92

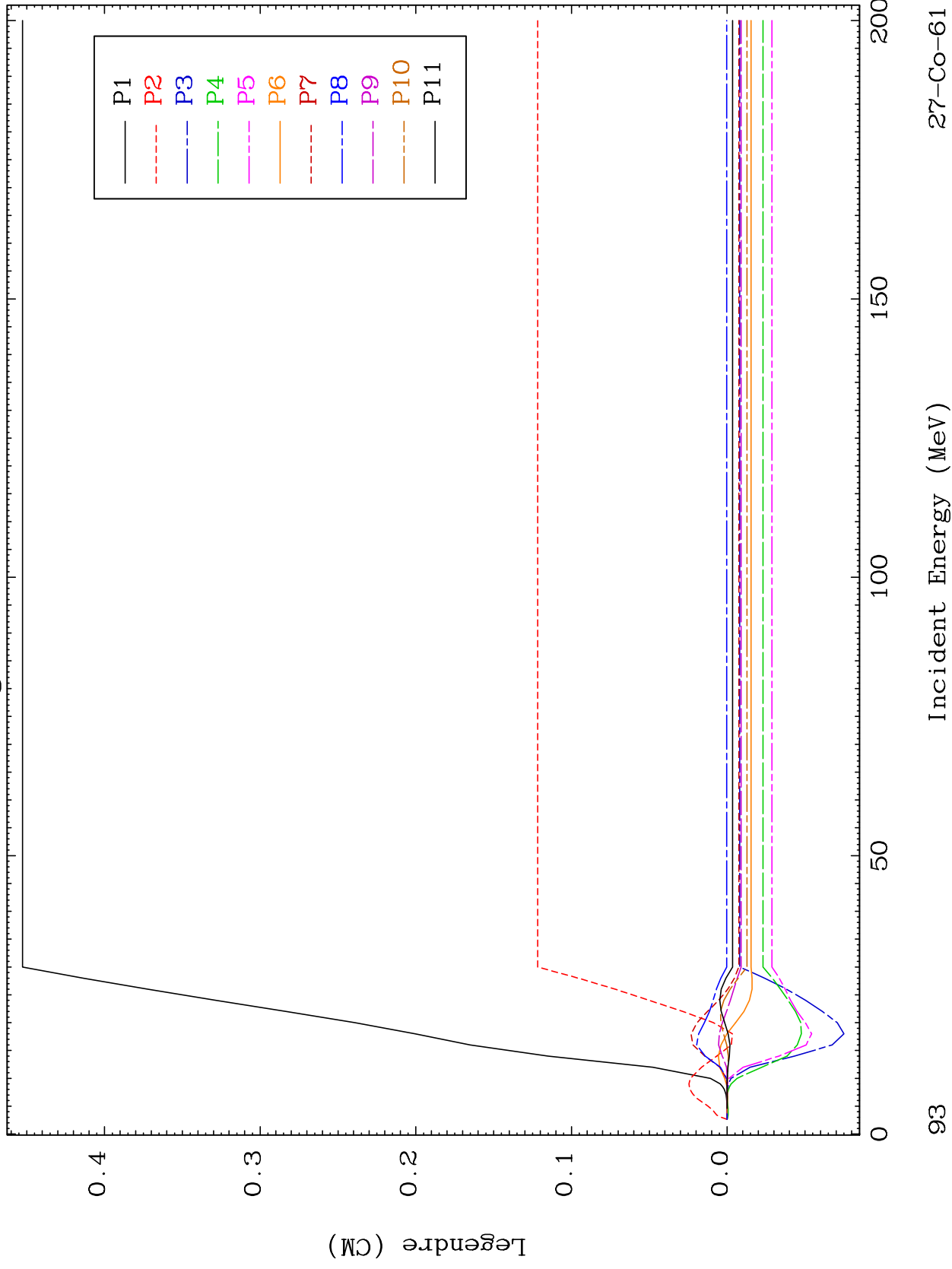
Incident Energy (MeV)

27-Co-61

MAT 2731

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

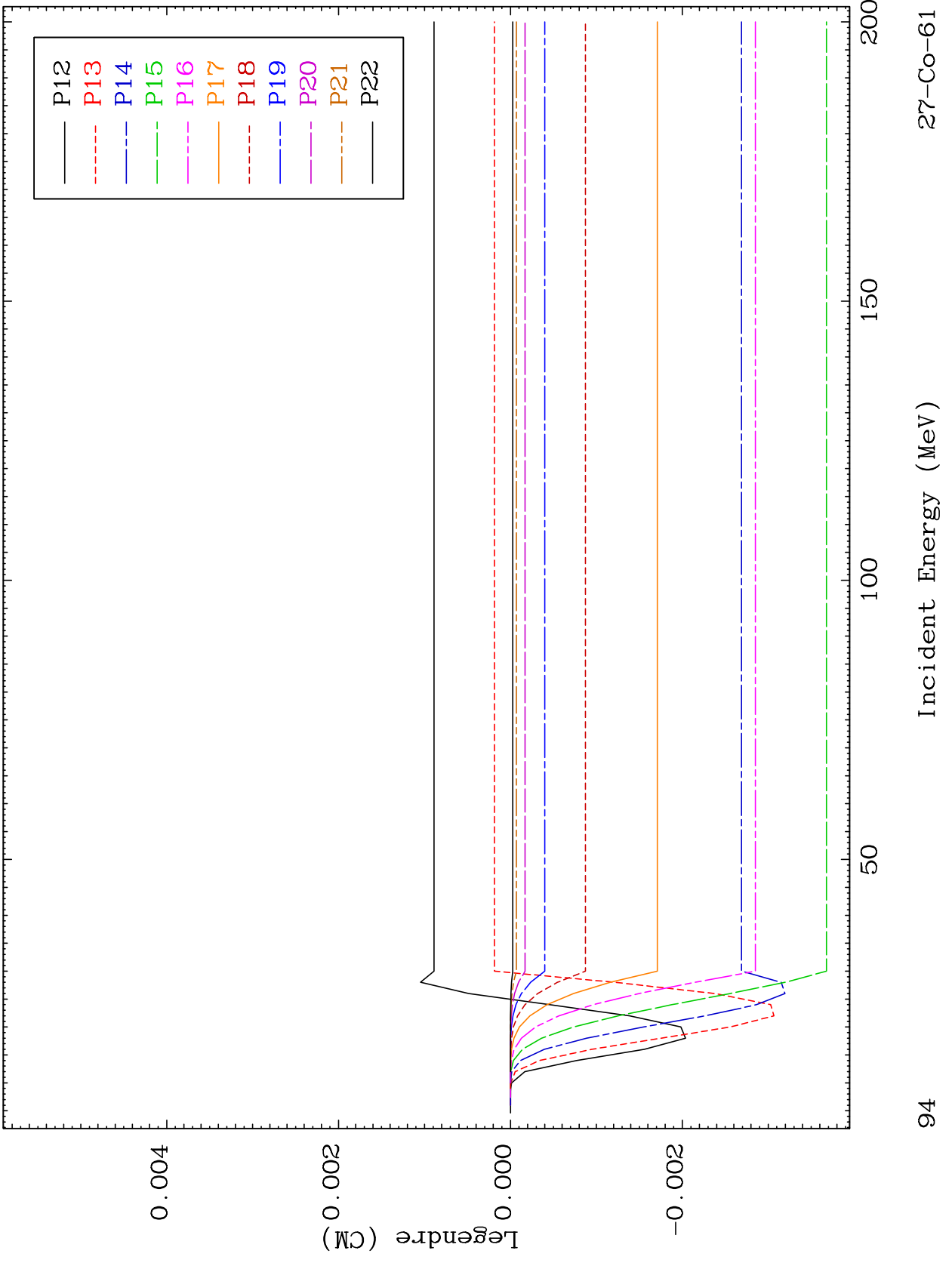
27-Co-61

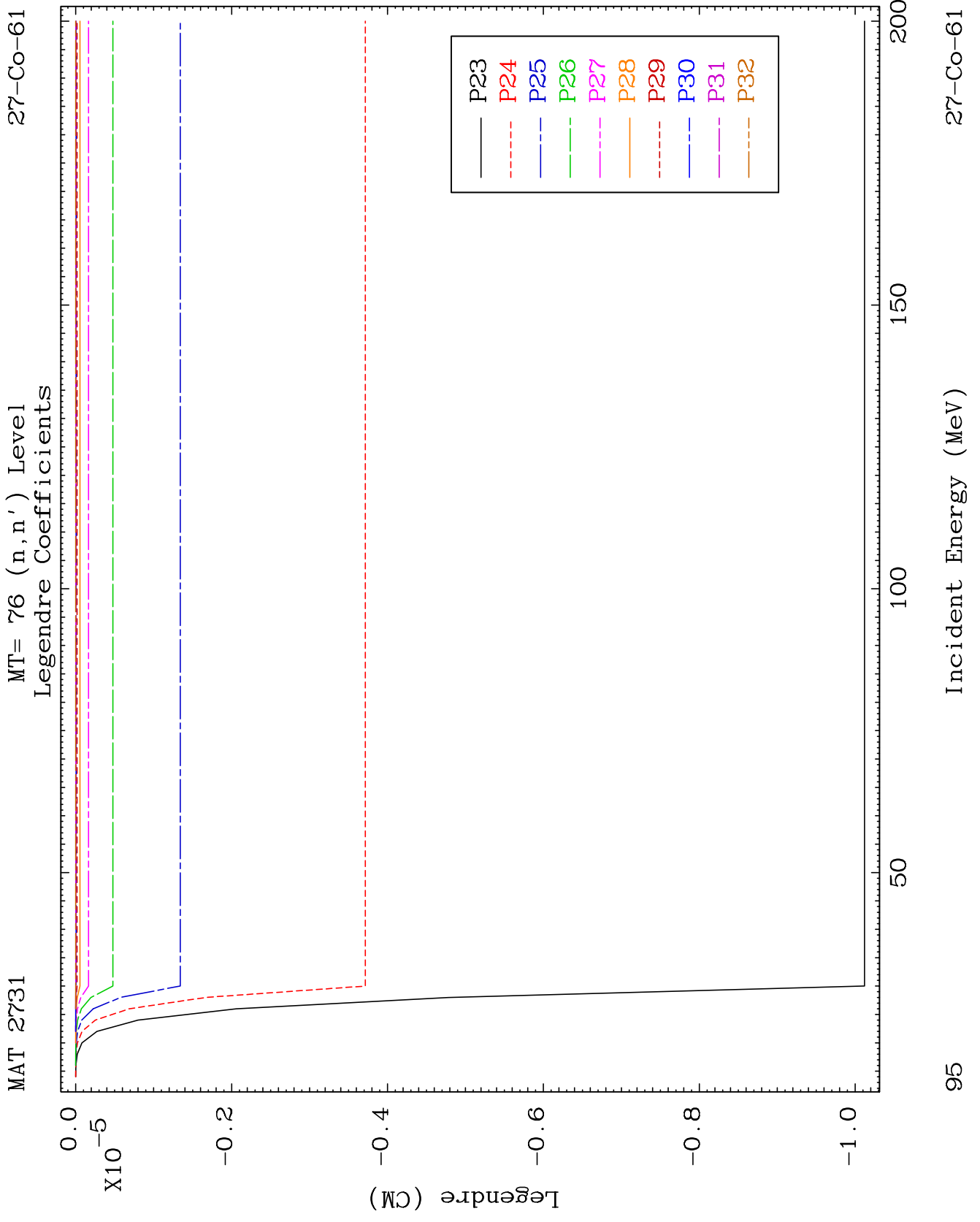


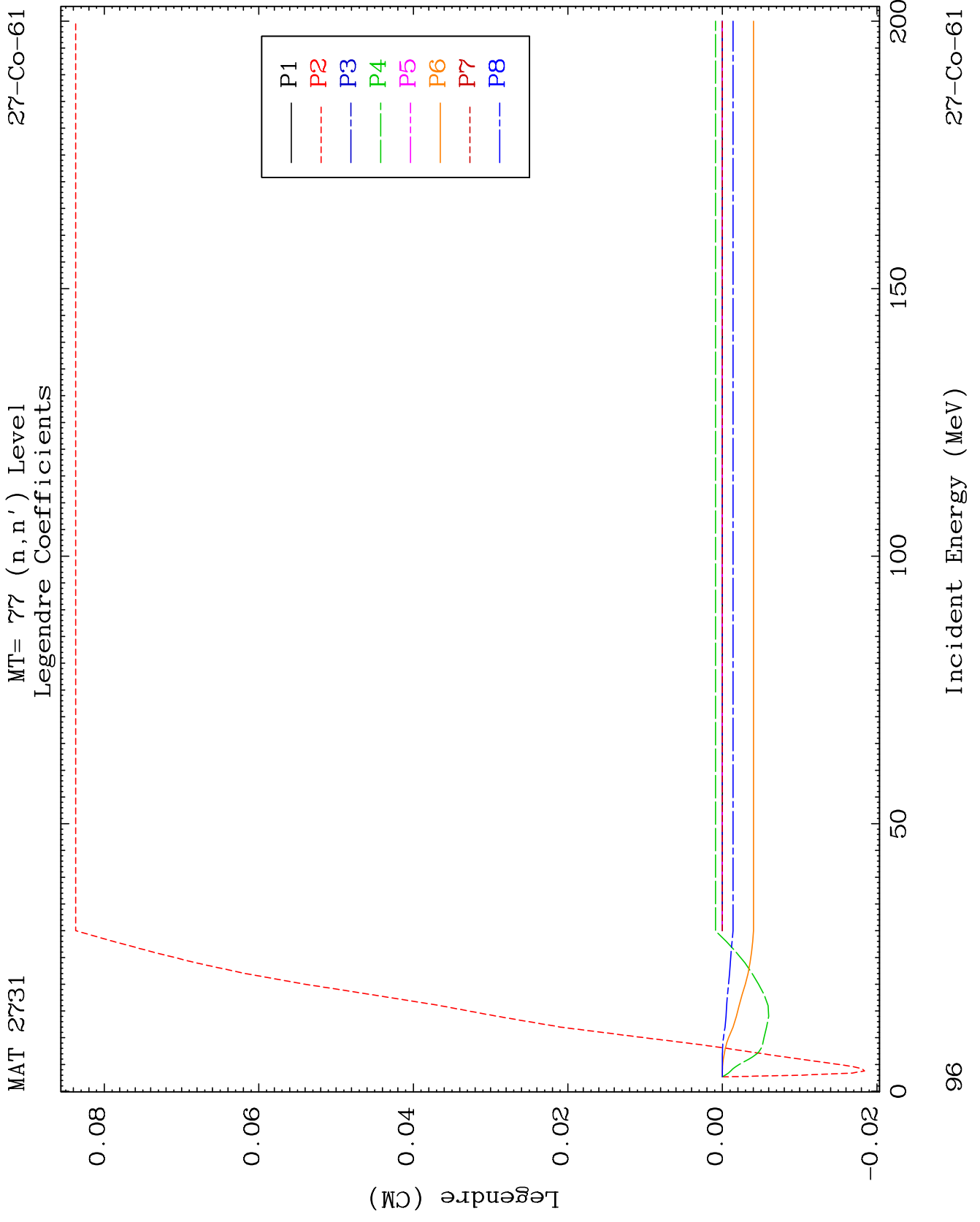
MAT 2731

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

27-Co-61



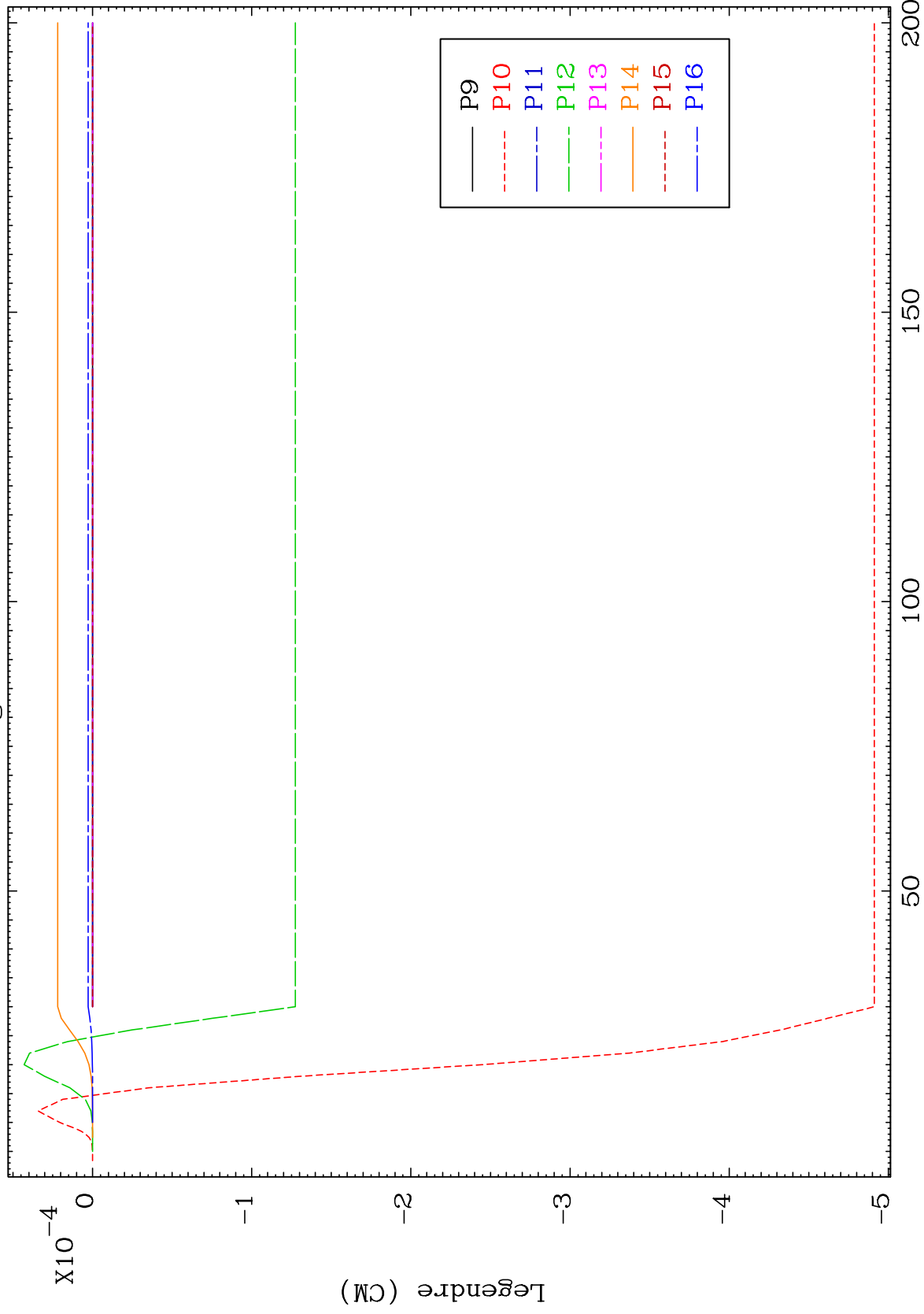




MAT 2731

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

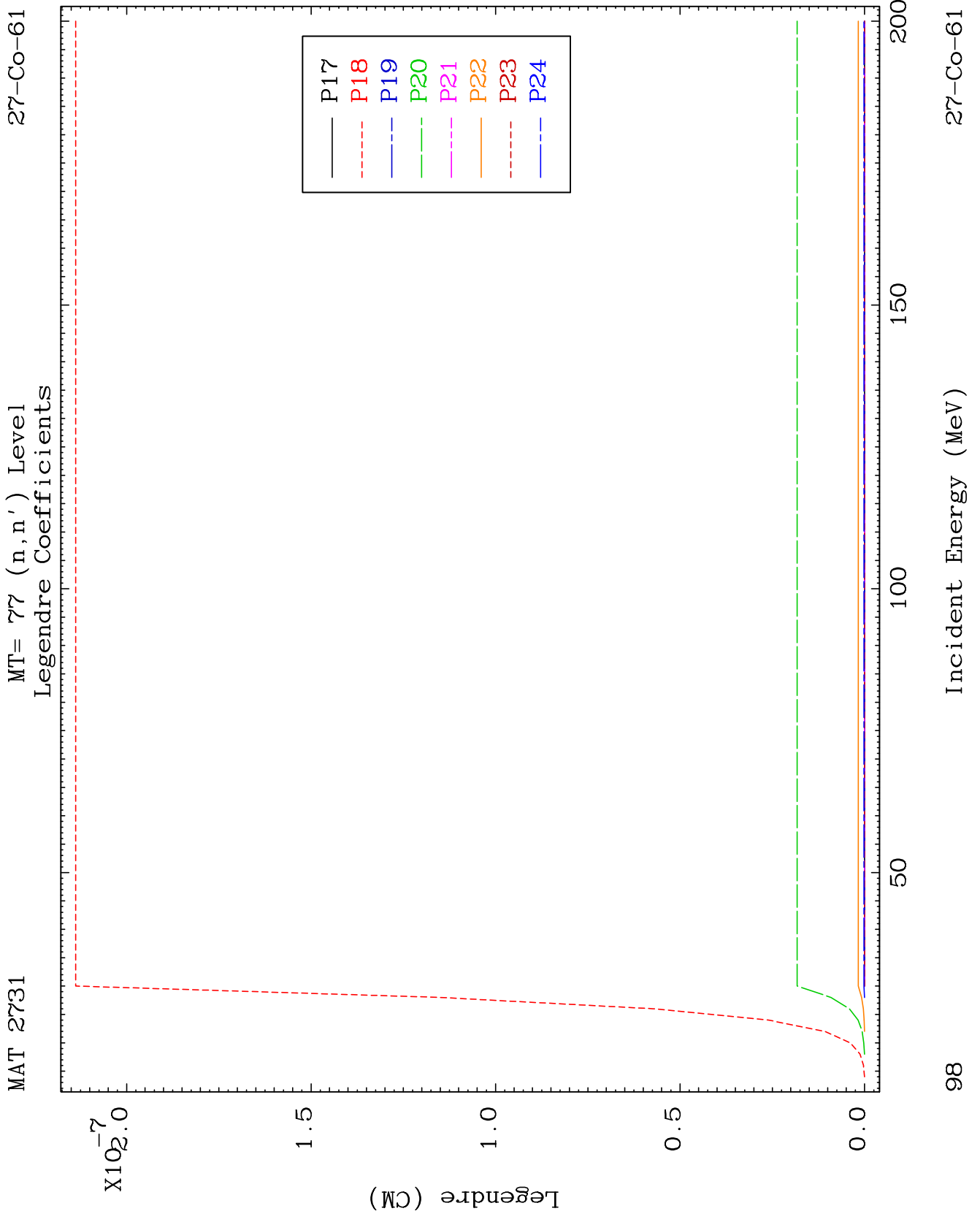
27-Co-61



97

Incident Energy (MeV)

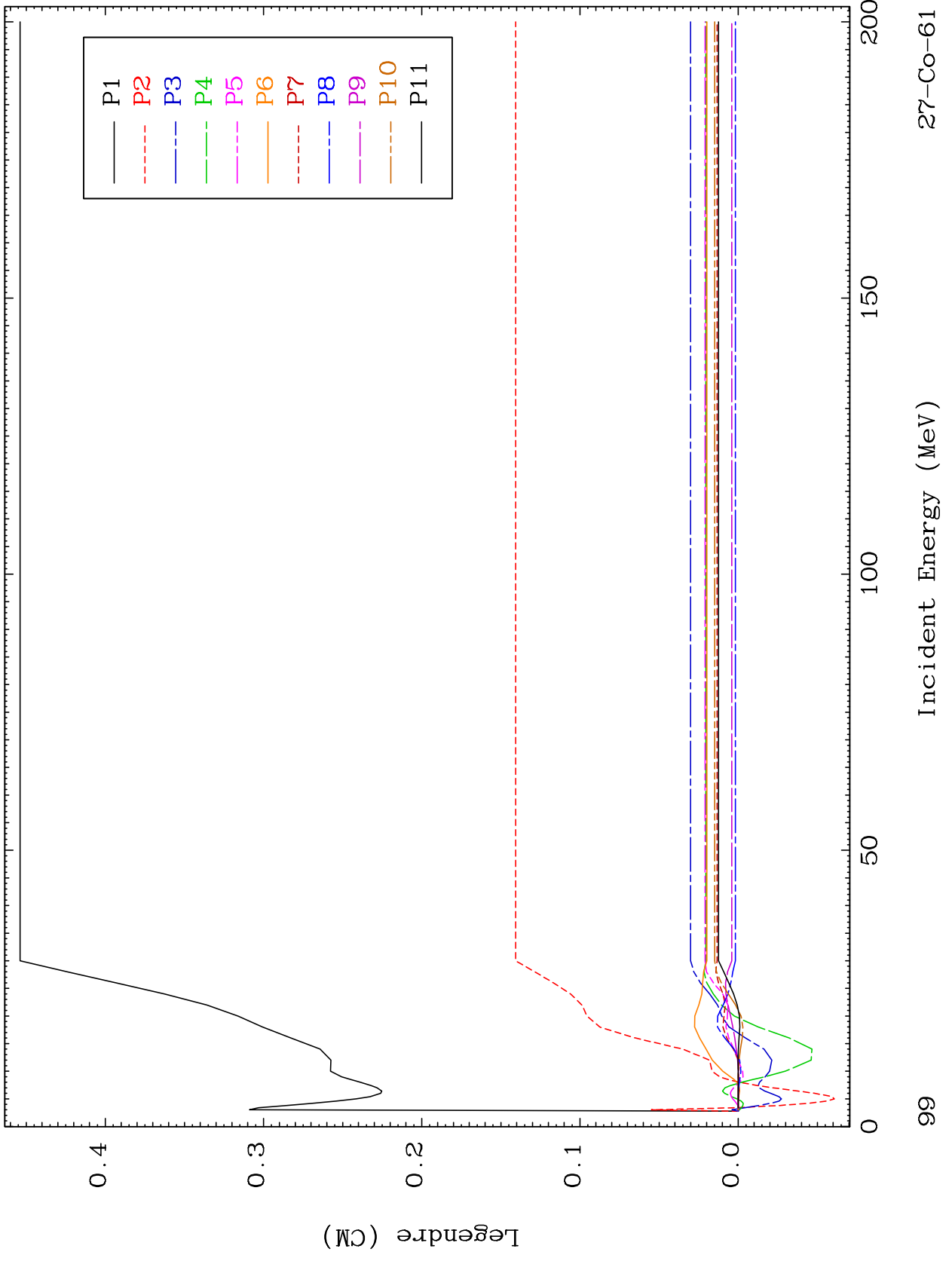
27-Co-61



MAT 2731

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

27-Co-61

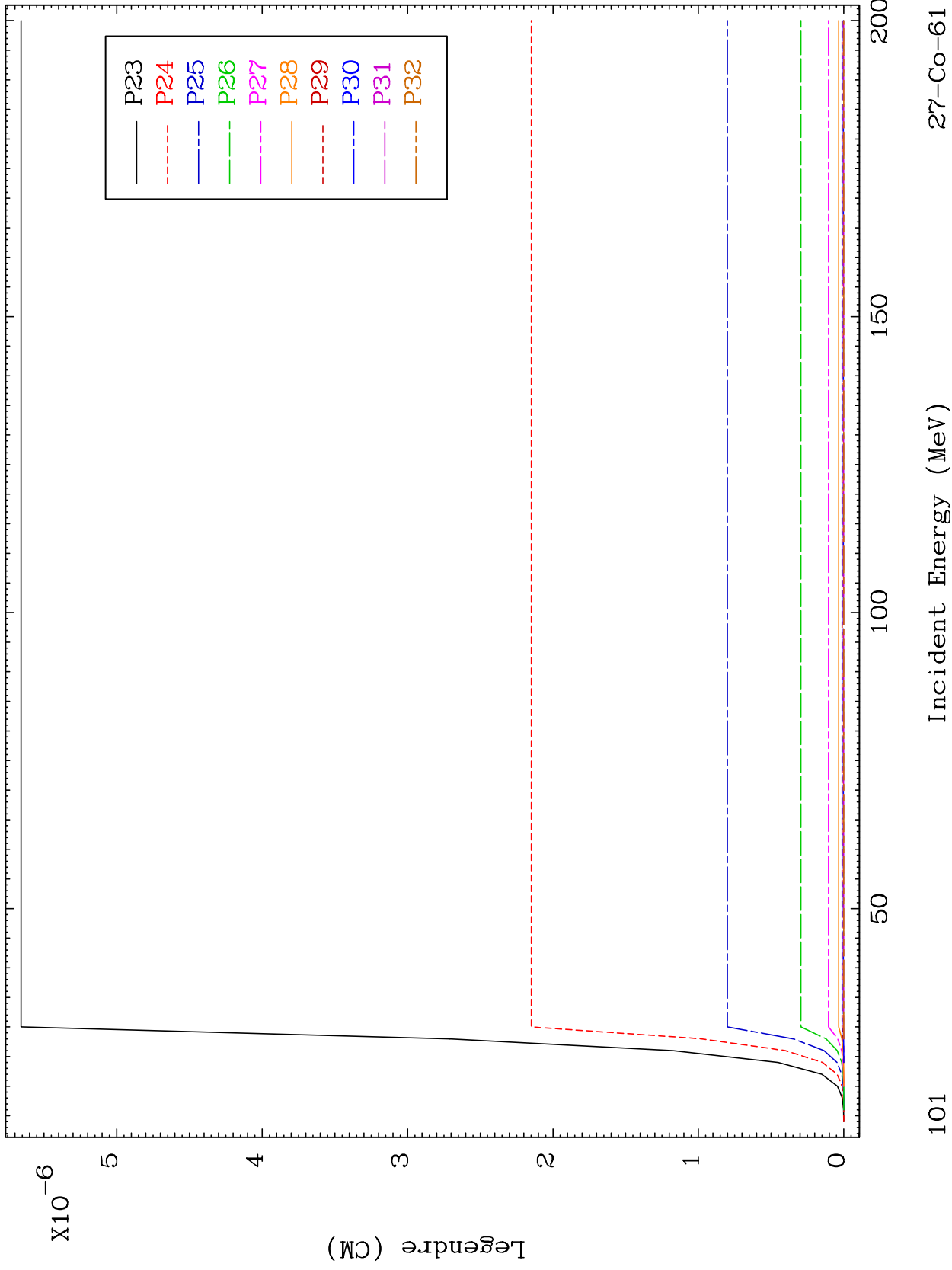


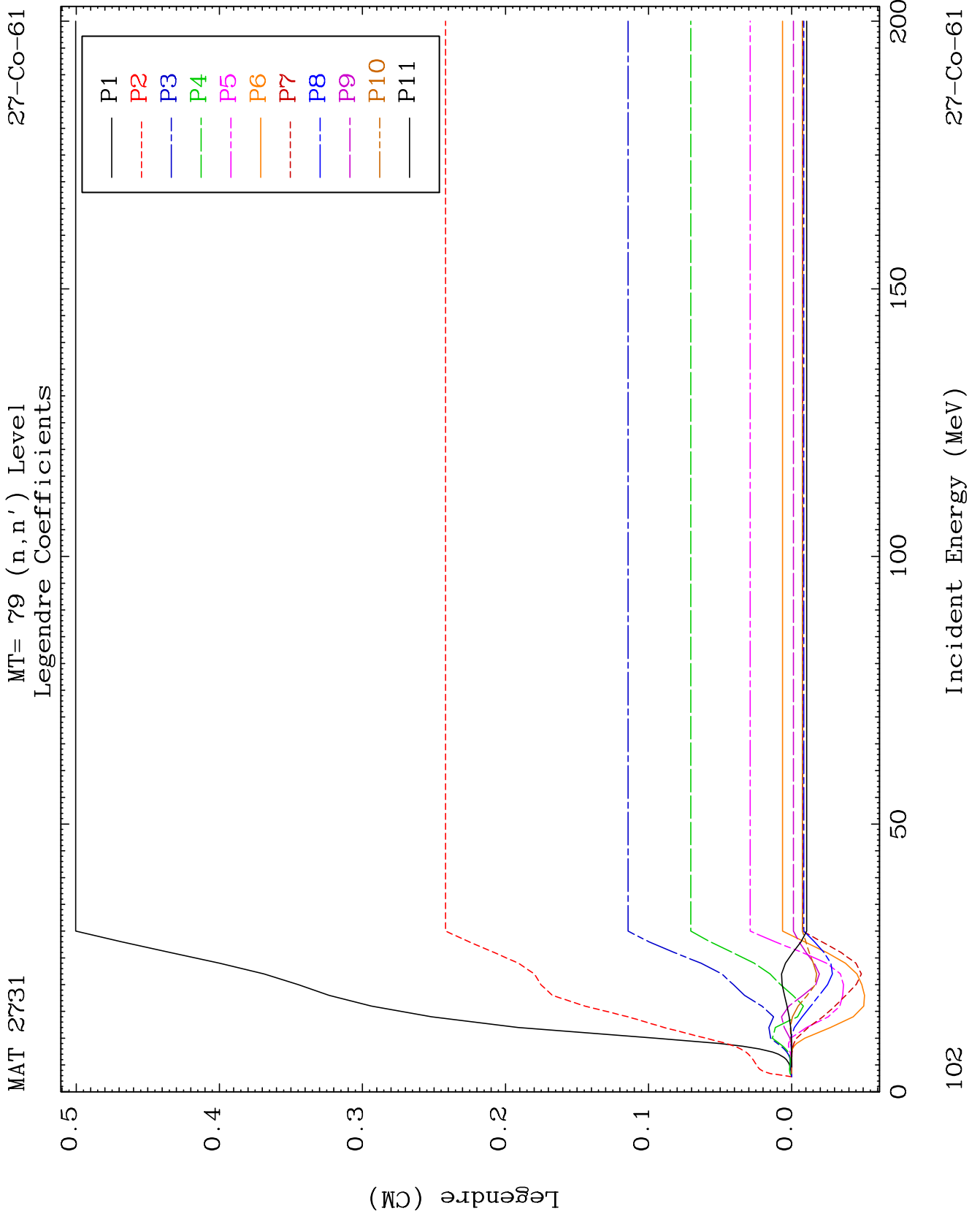
27-Co-61

MAT 2731

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

27-Co-61

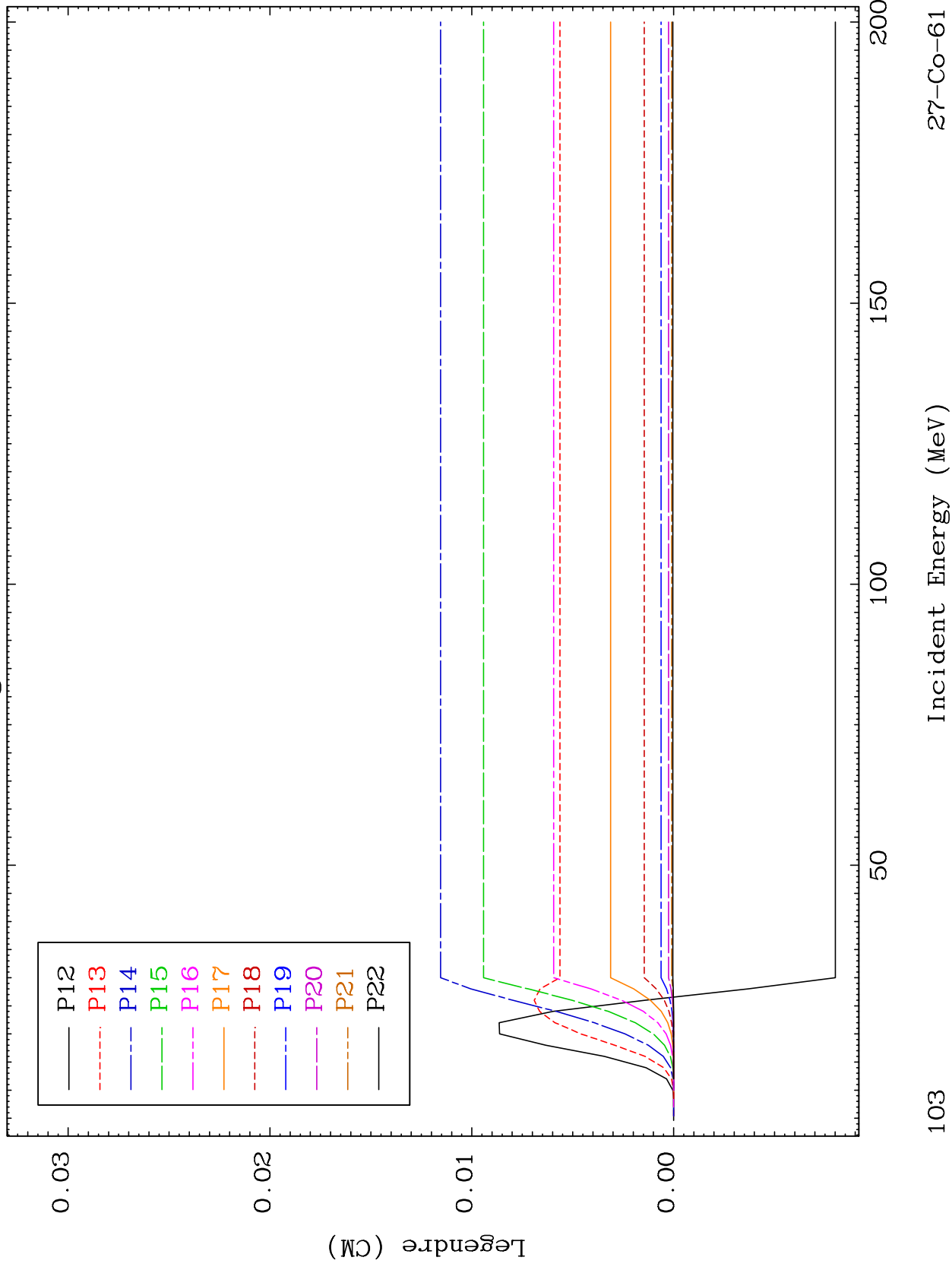




MAT 2731

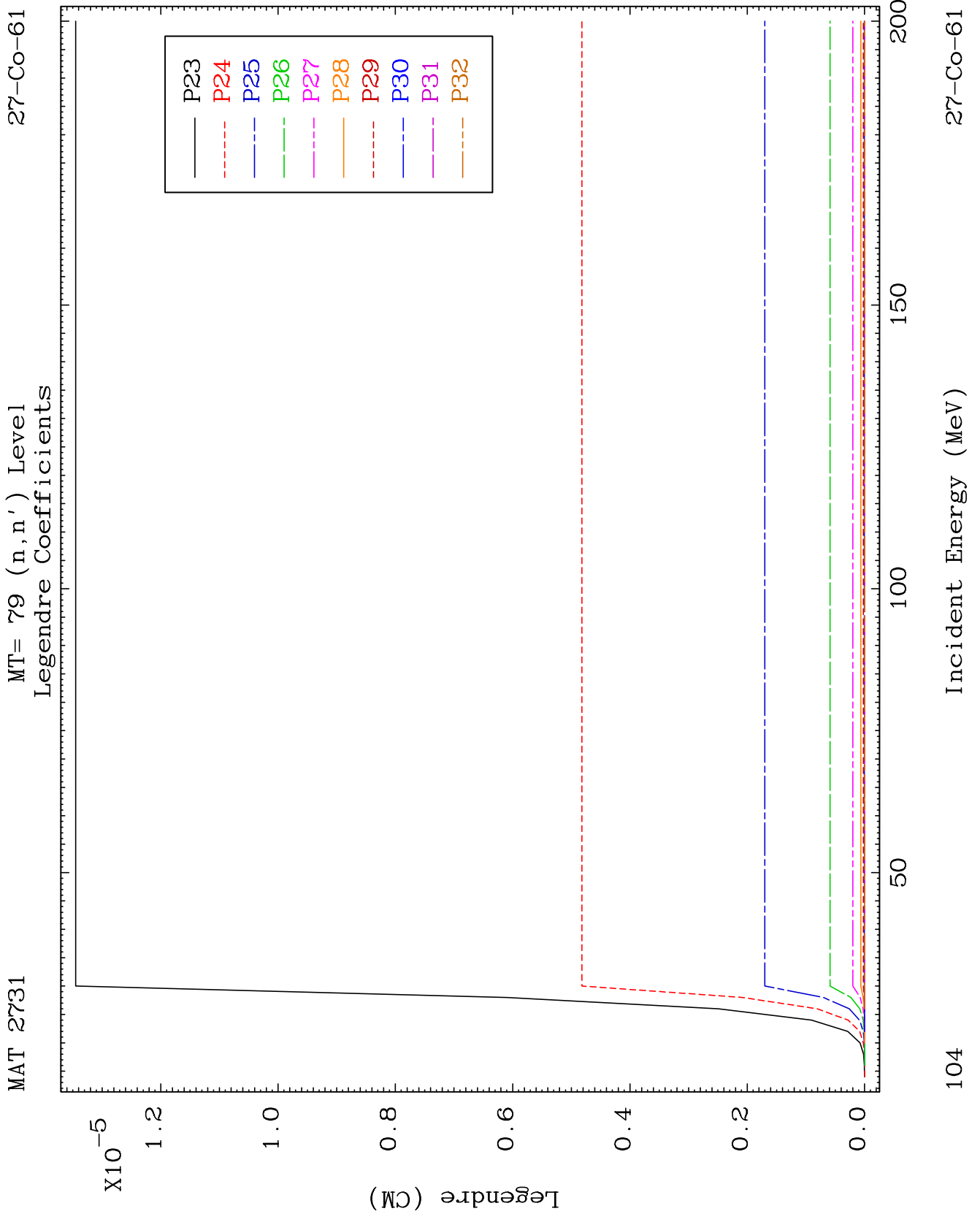
MT= 79 (n,n') Level
Legendre Coefficients

27-Co-61



103

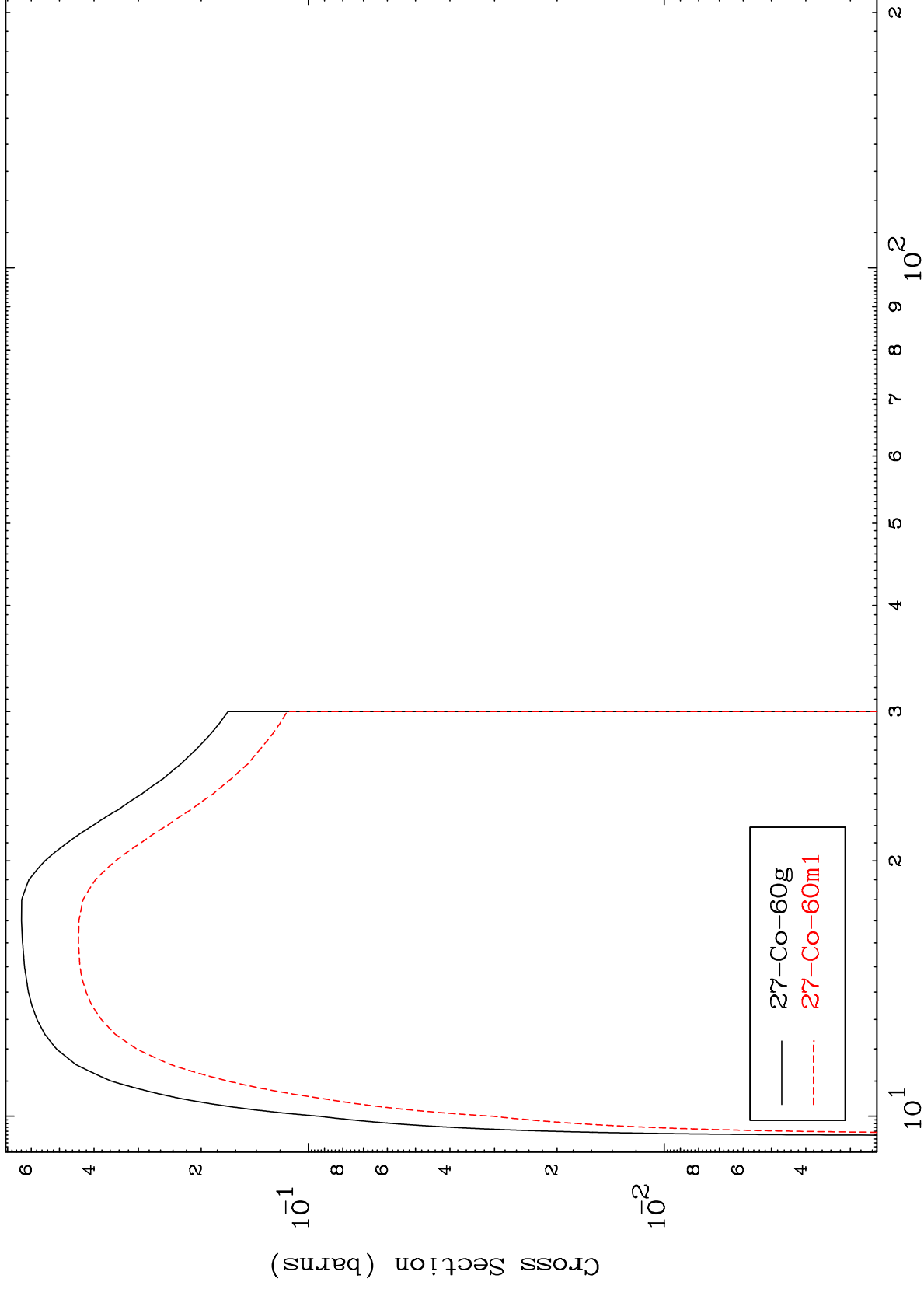
27-Co-61



MAT 2731

27-Co-61

(n,2n)
Radionuclide Production Cross Section



27-Co-61

Incident Energy (MeV)

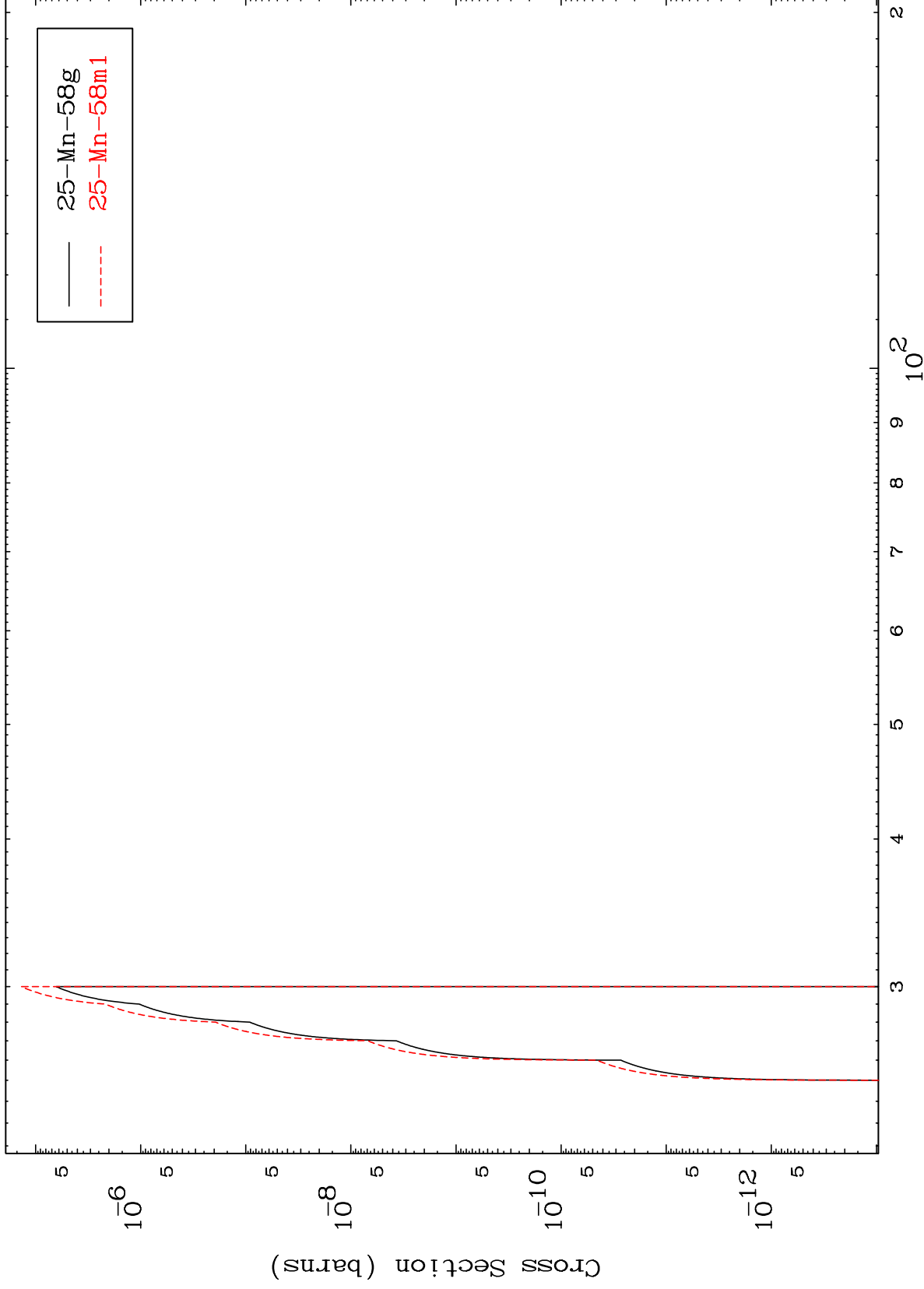
105

MAT 2731

(n,n') He-3

27-Co-61

Radionuclide Production Cross Section



106

Incident Energy (MeV)

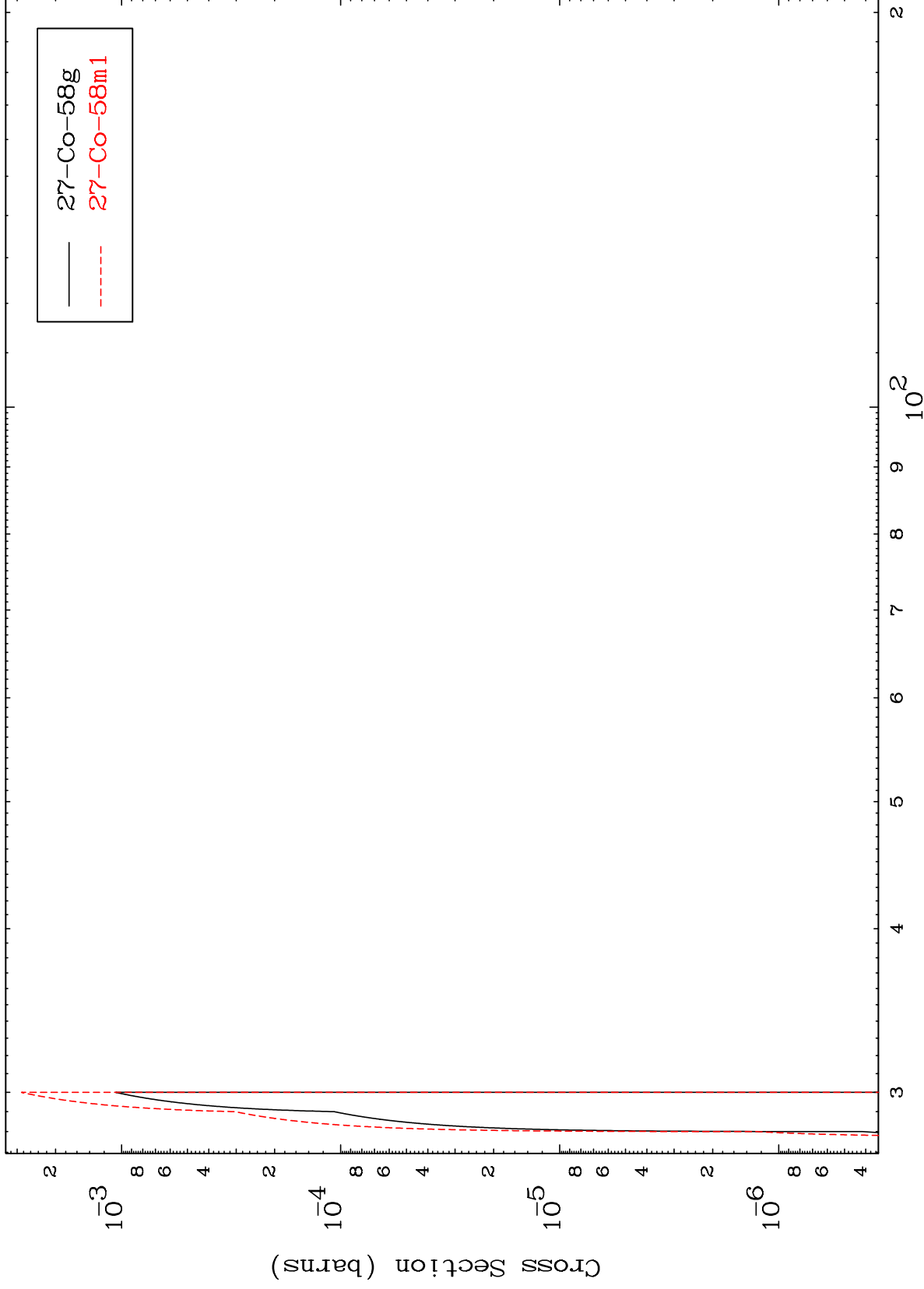
27-Co-61

MAT 2731

(n,4n)

²⁷Co-61

Radionuclide Production Cross Section



107

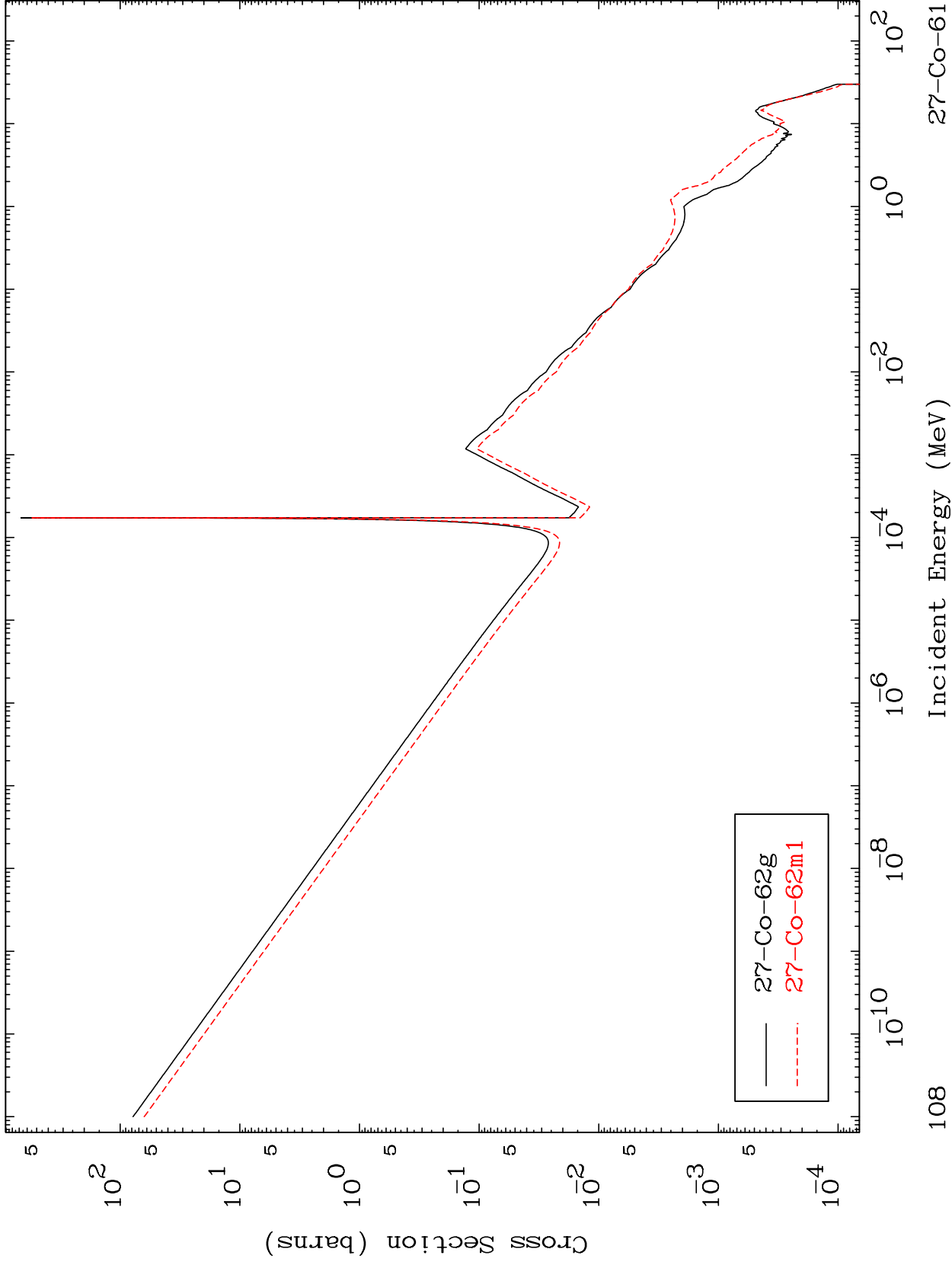
Incident Energy (MeV)

²⁷Co-61

MAT 2731

²⁷Co-61

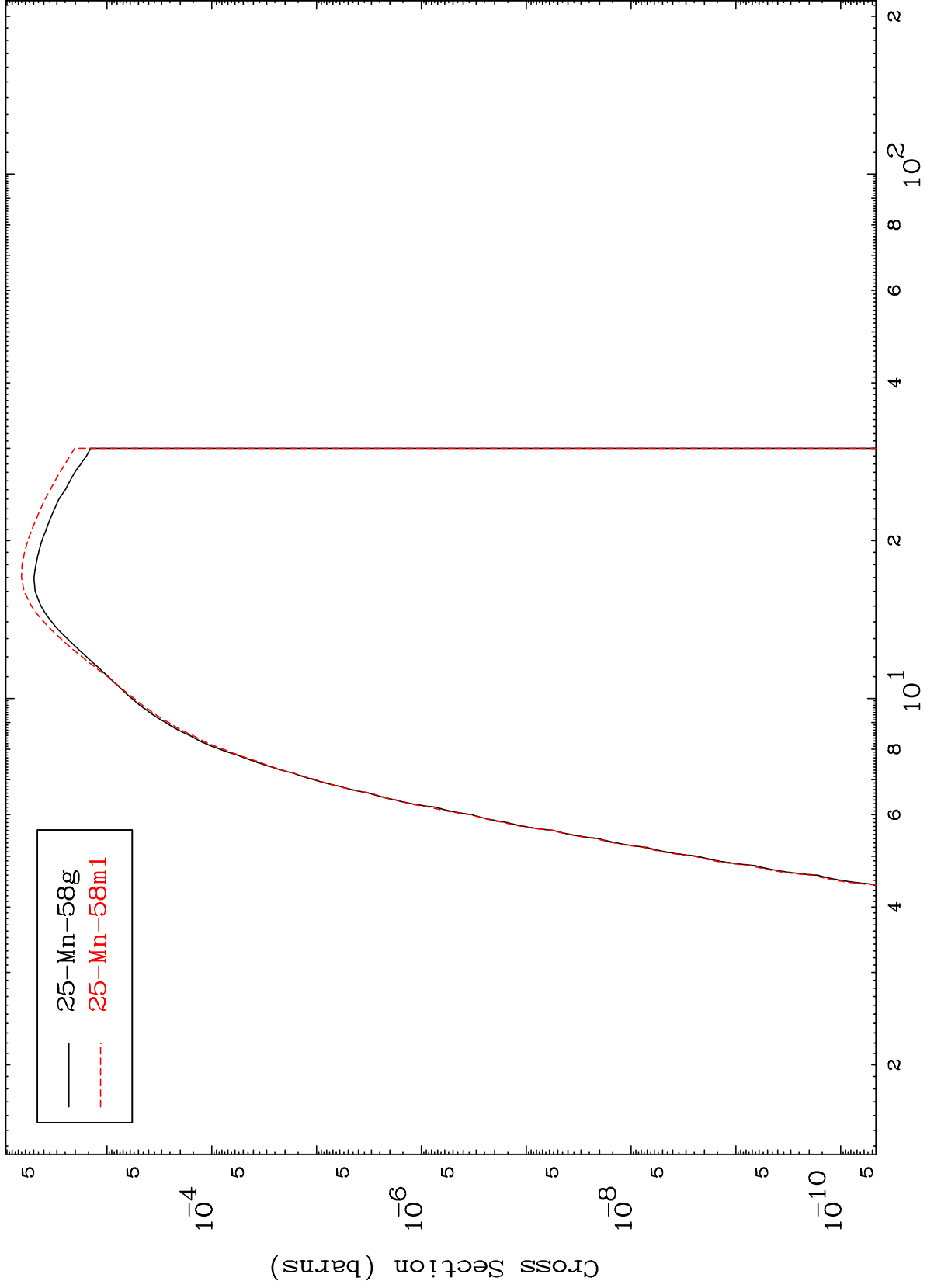
(n,γ)
Radionuclide Production Cross Section



MAT 2731

27-Co-61

Radionuclide Production Cross Section
(n, α)



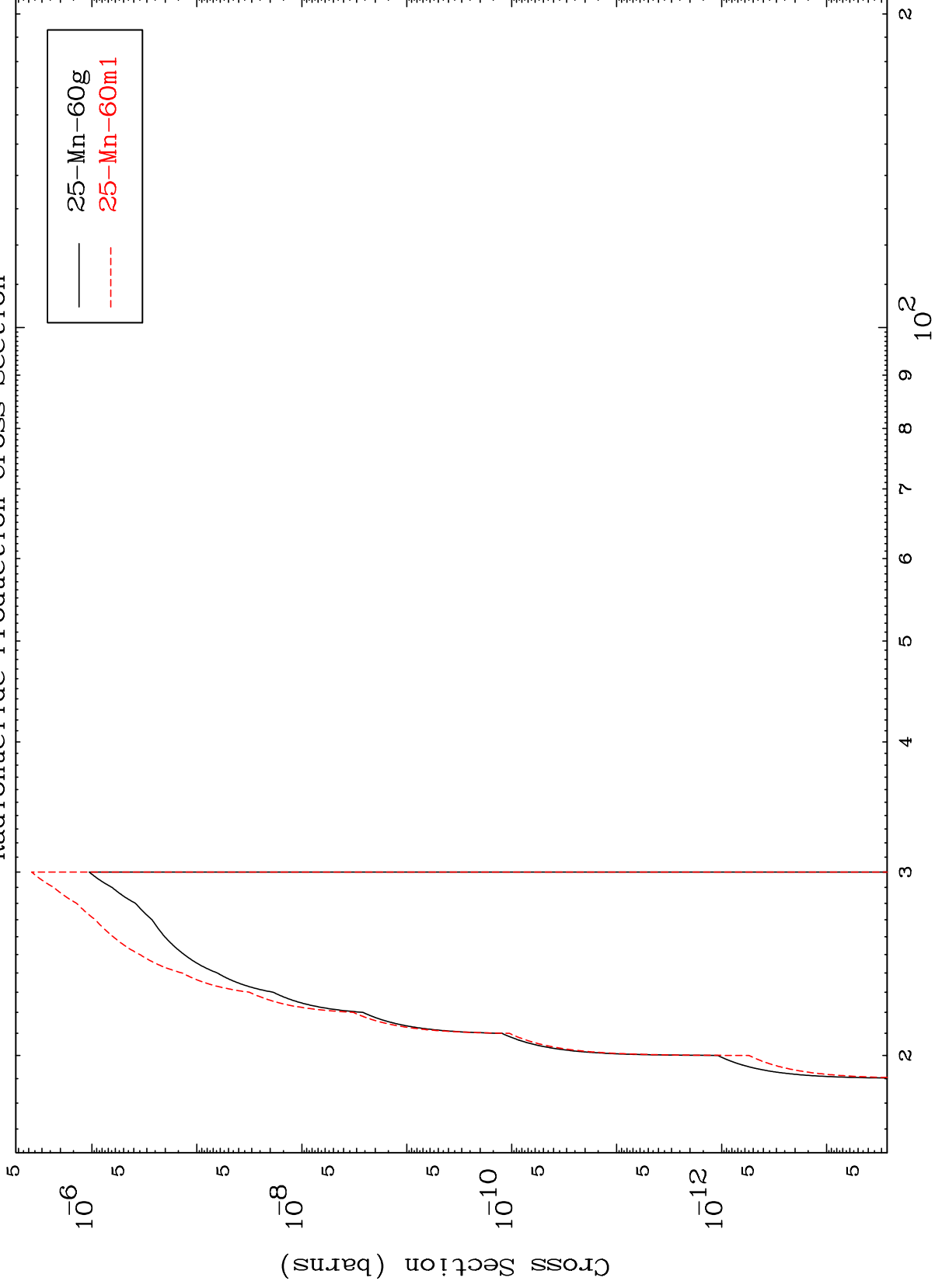
109

27-Co-61

MAT 2731

27-Co-61

(n,2p)
Radionuclide Production Cross Section



110

Incident Energy (MeV)

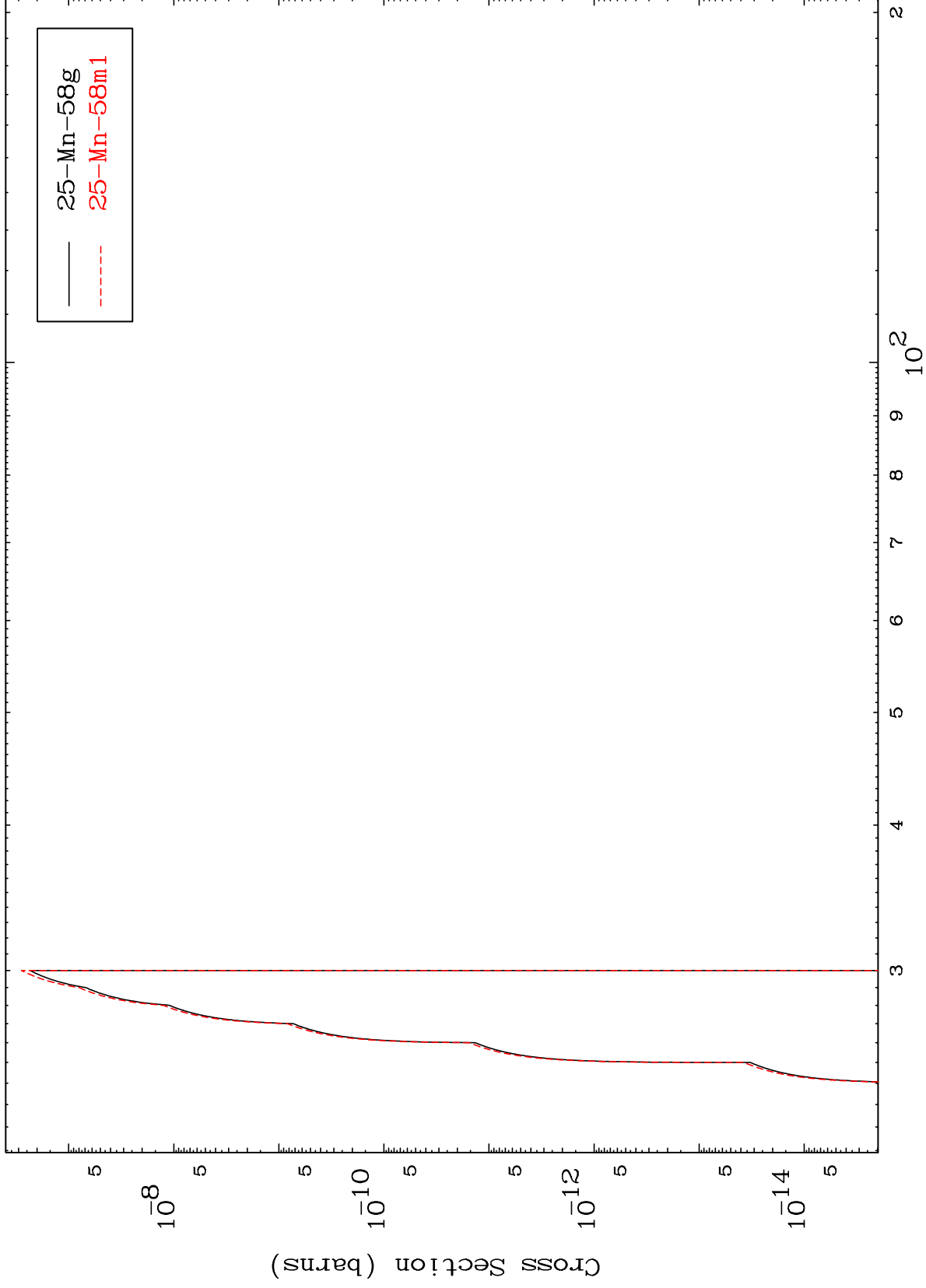
27-Co-61

MAT 2731

(n,p) t

27-Co-61

Radionuclide Production Cross Section



111

Incident Energy (MeV)

27-Co-61