

Program EVALPLOT  
(Version 2018-1)

by

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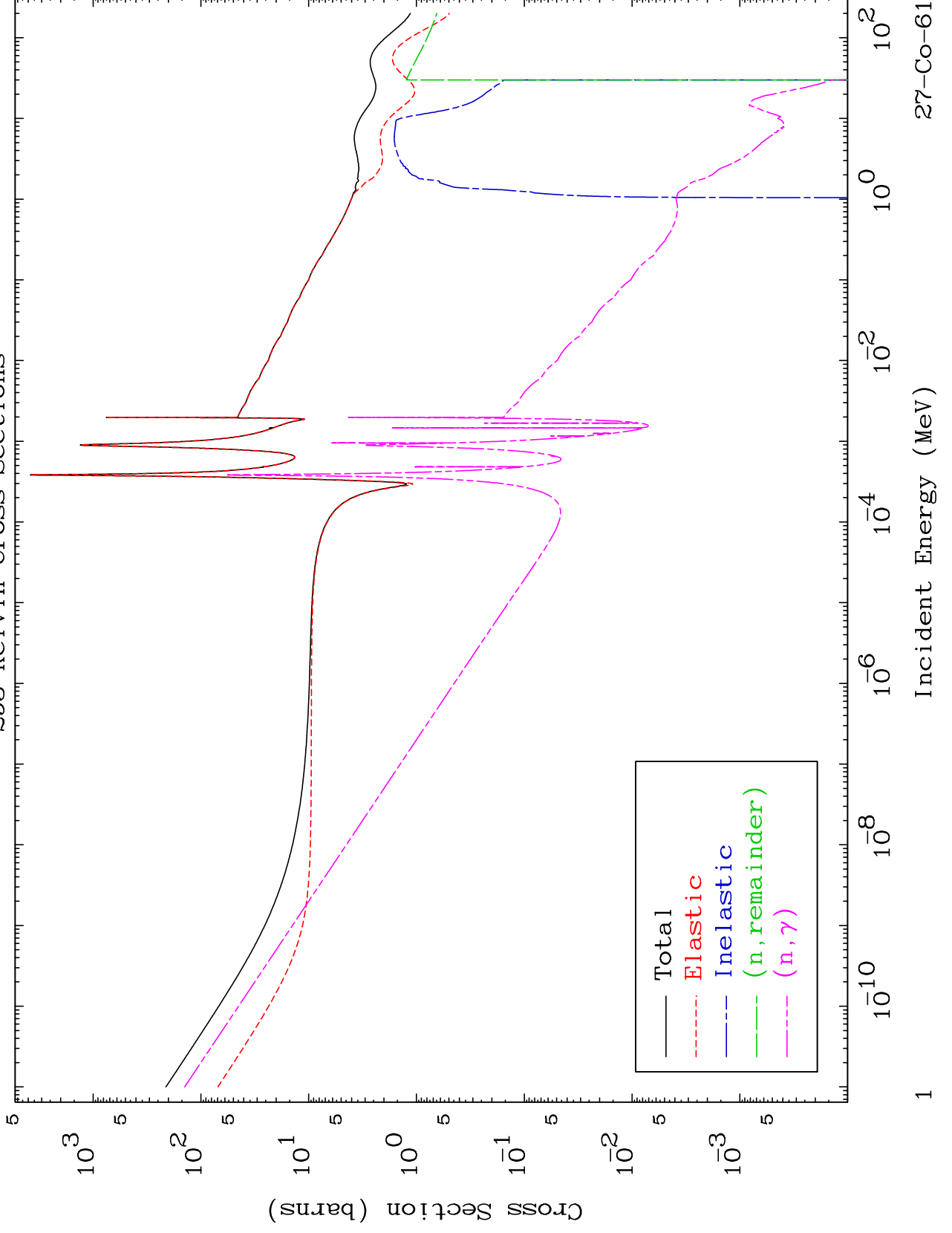
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Press Mouse Button to Start

MAT 2731

Major  
293 Kelvin Cross Sections

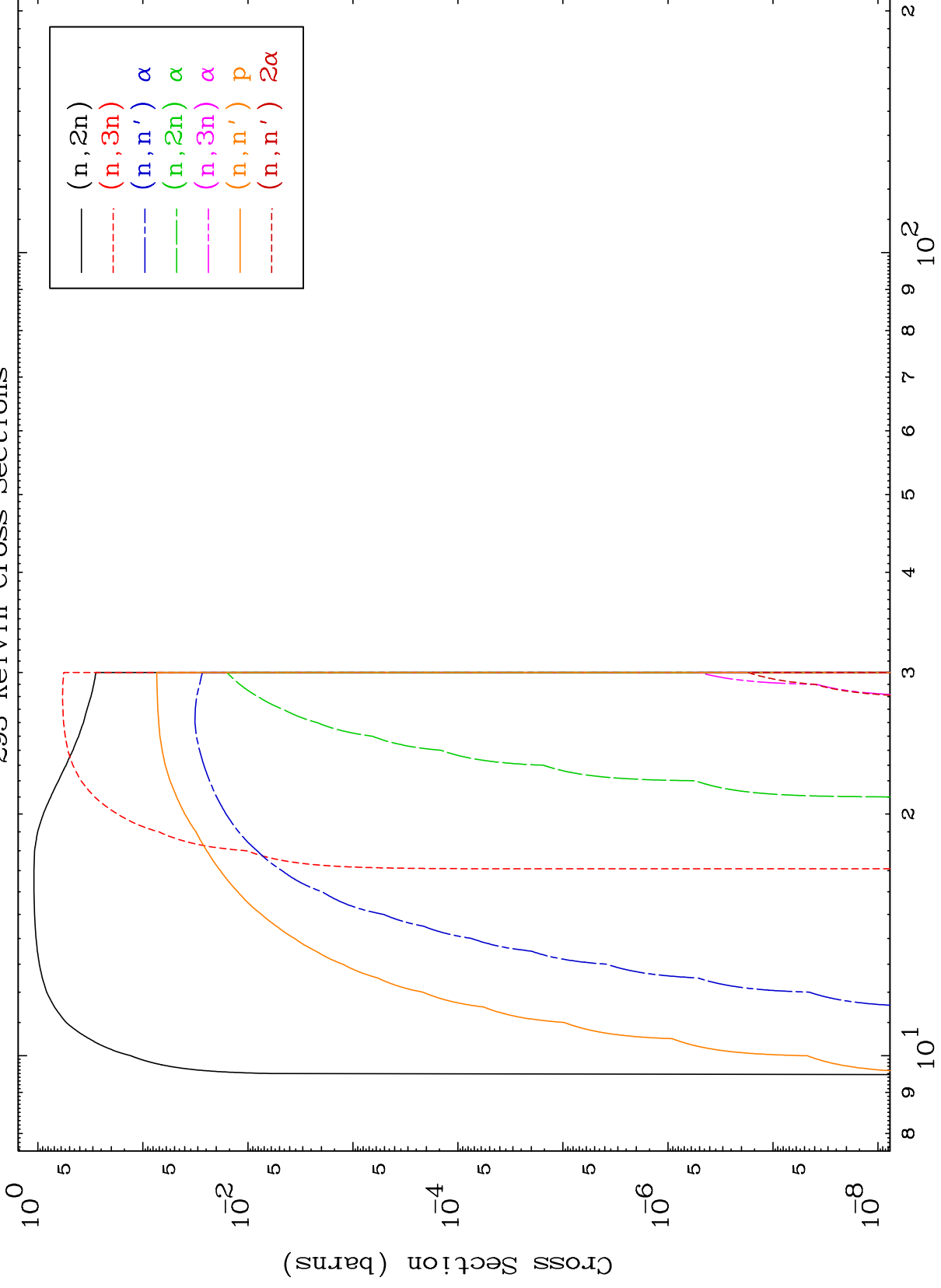
27-Co-61



MAT 2731

Neutron Production  
293 Kelvin Cross Sections

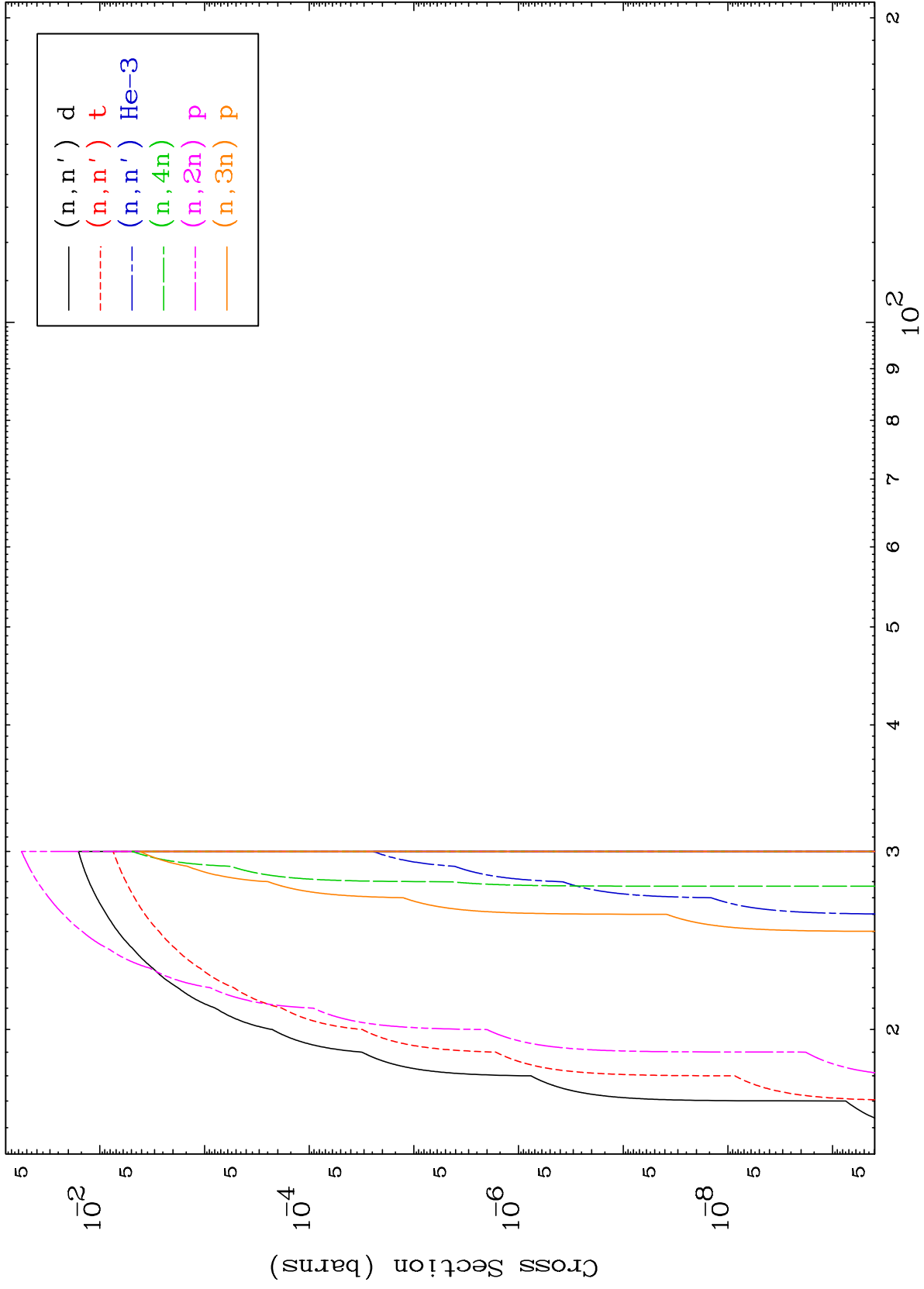
27-Co-61



2

Incident Energy (MeV)

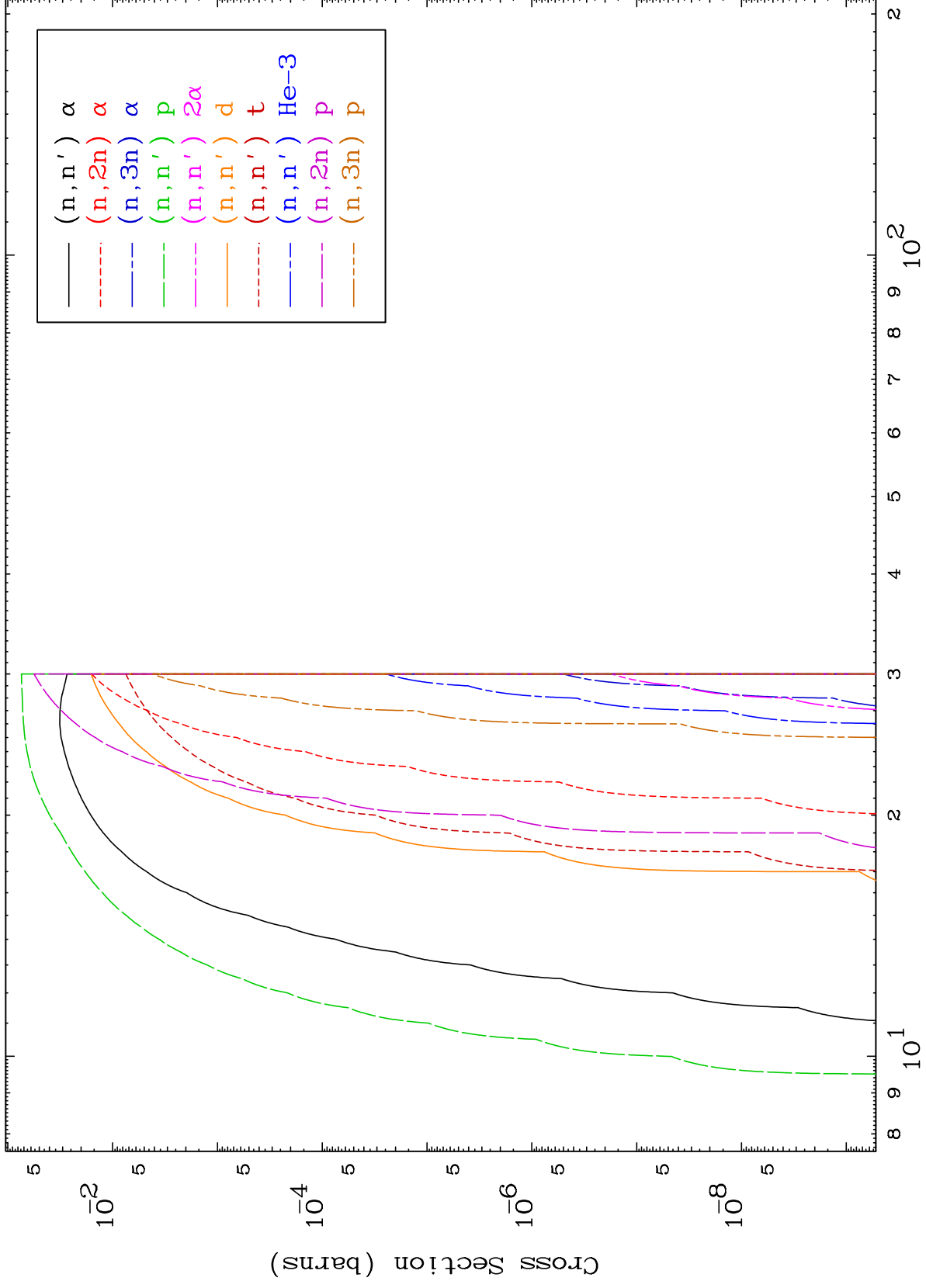
27-Co-61



MAT 2731

Charged Particle  
293 Kelvin Cross Sections

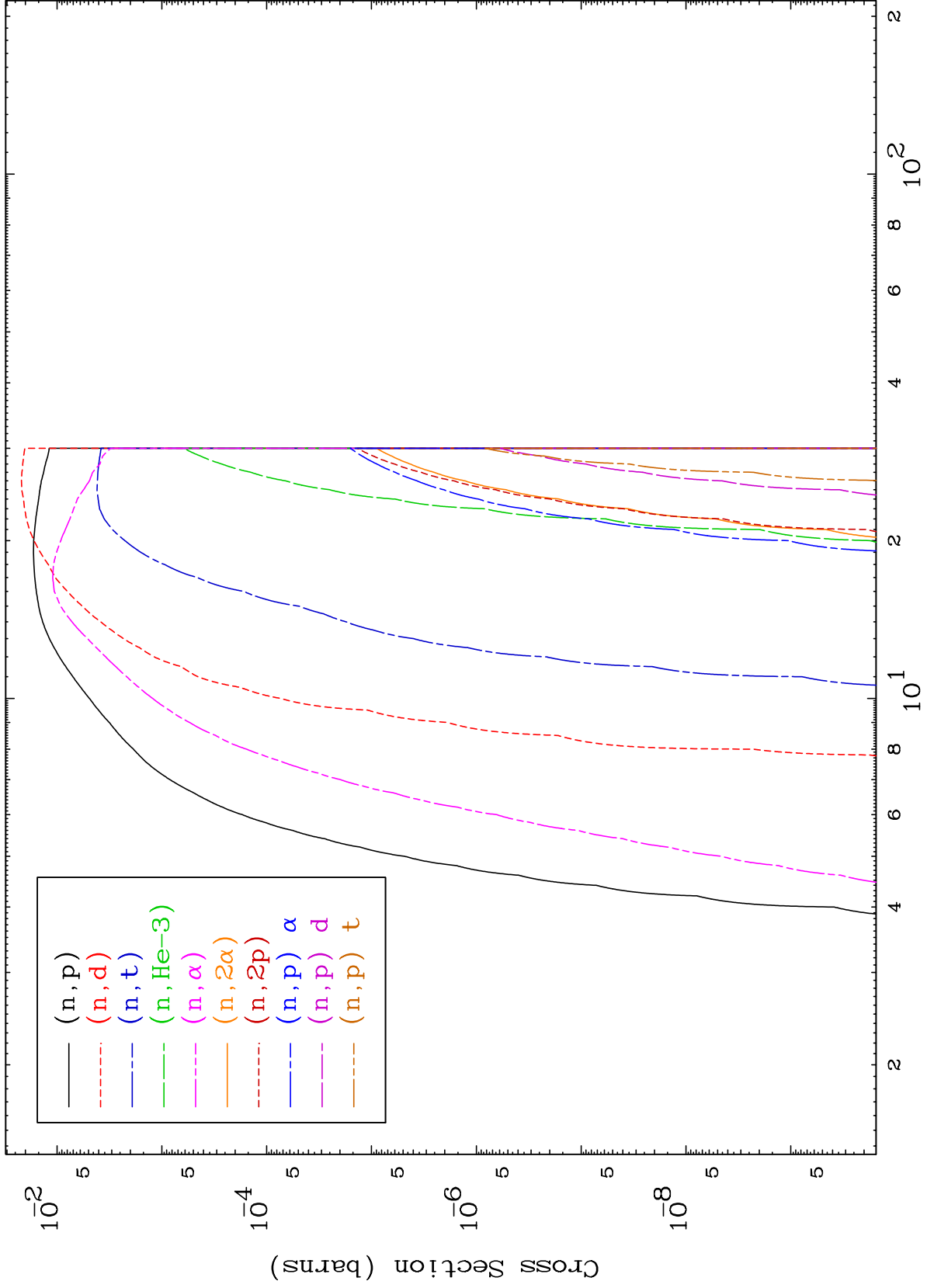
27-Co-61

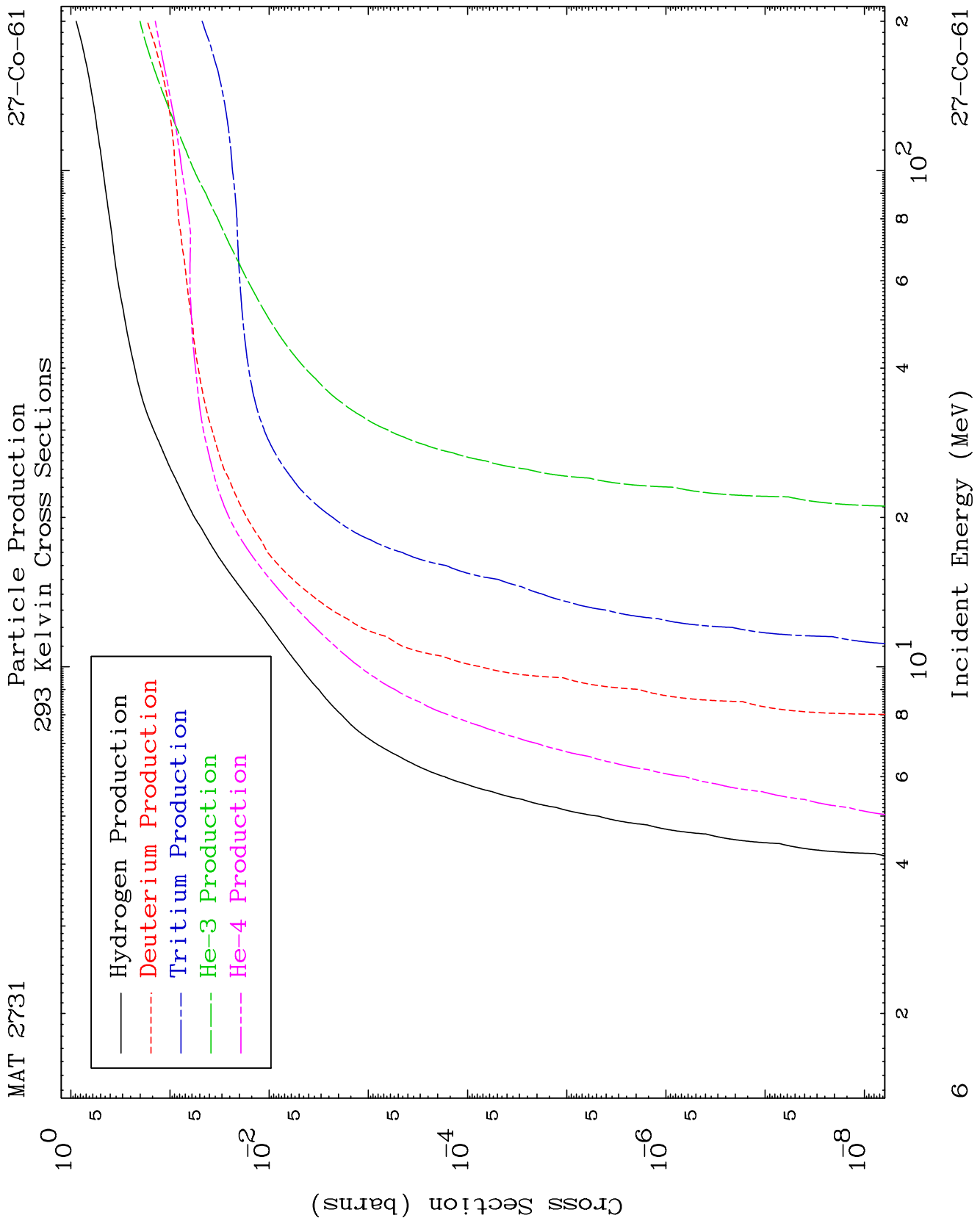


4

Incident Energy (MeV)

27-Co-61



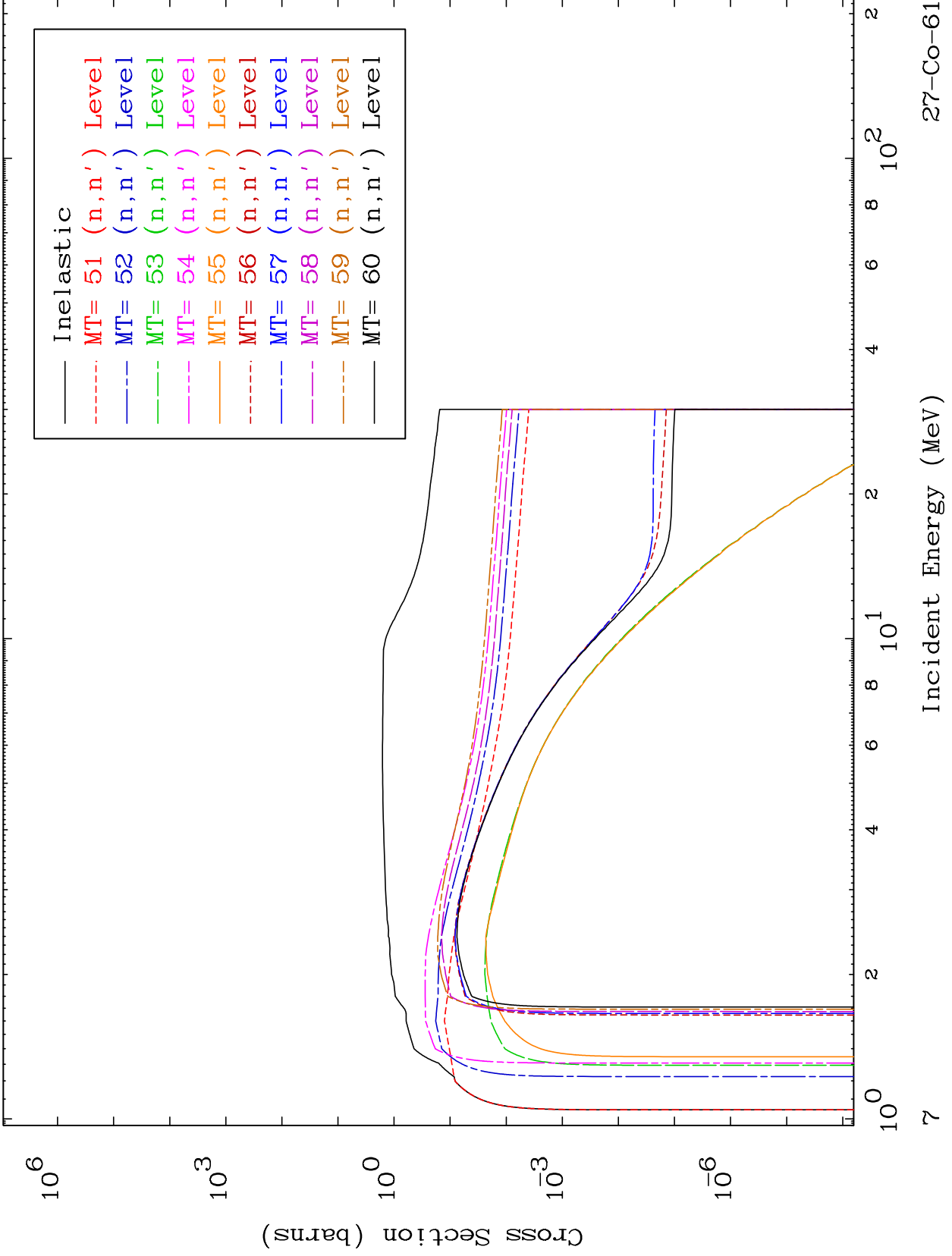


MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



Incident Energy (MeV)

27-Co-61

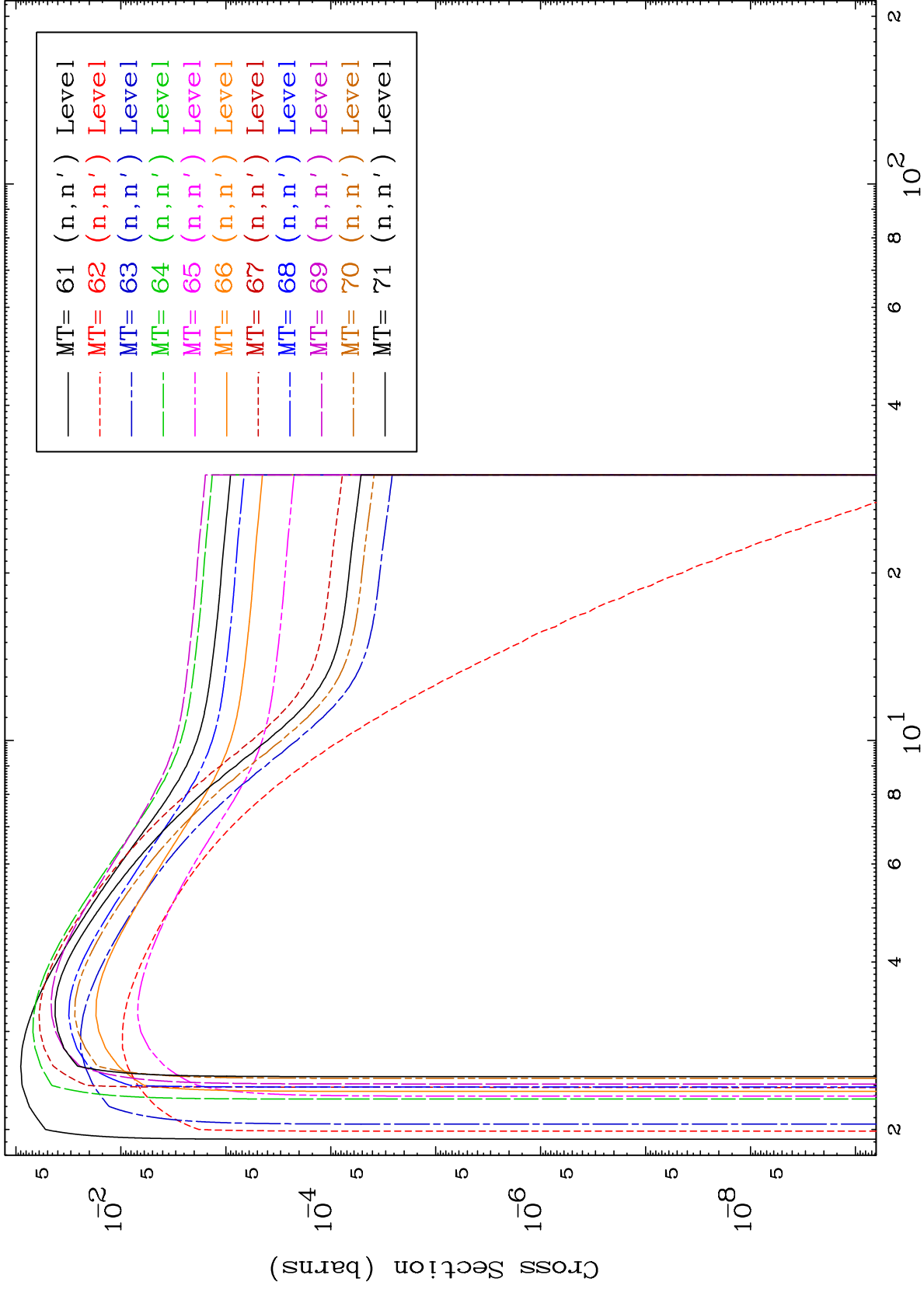


MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



8

Incident Energy (MeV)

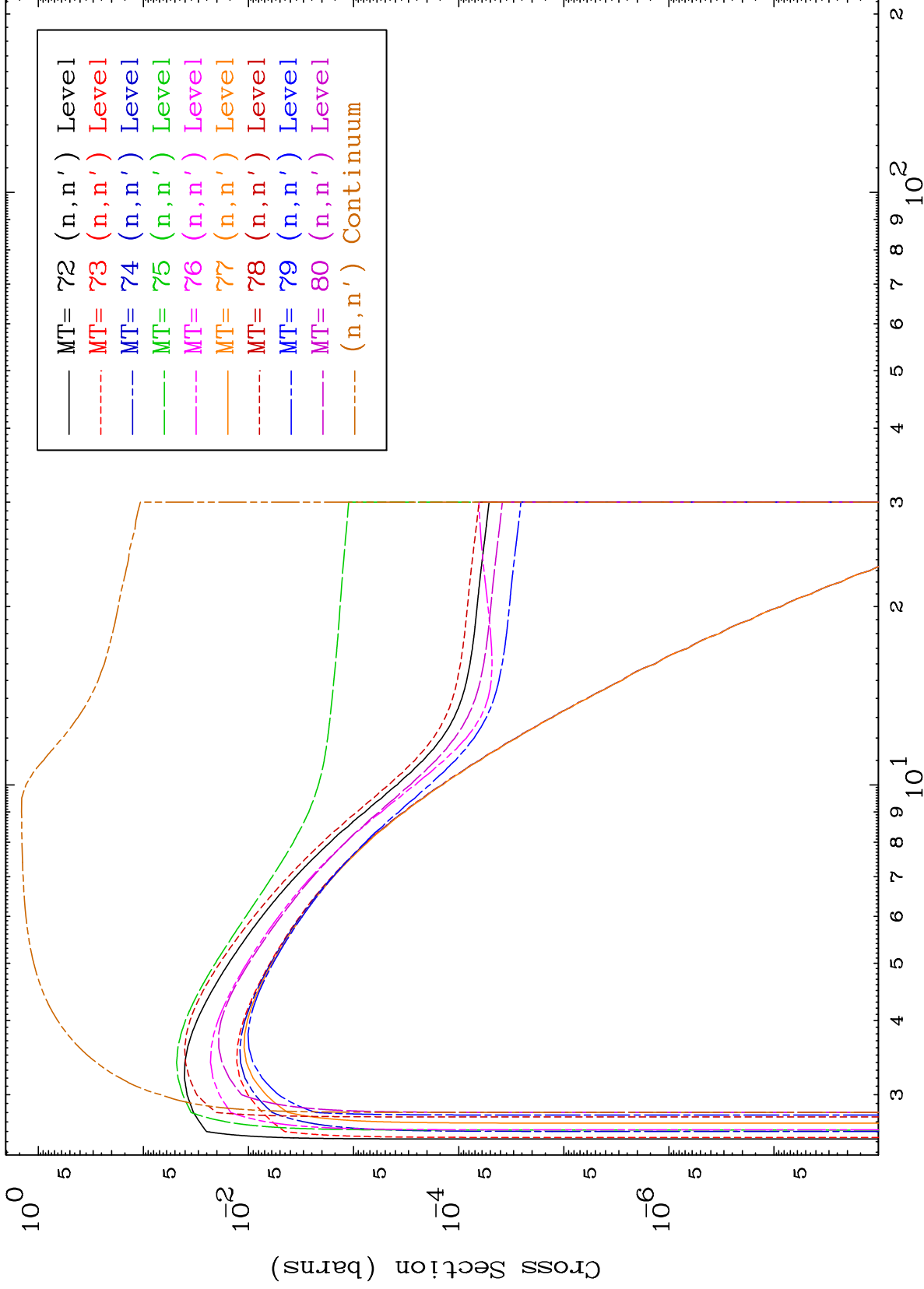
27-Co-61

MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



9

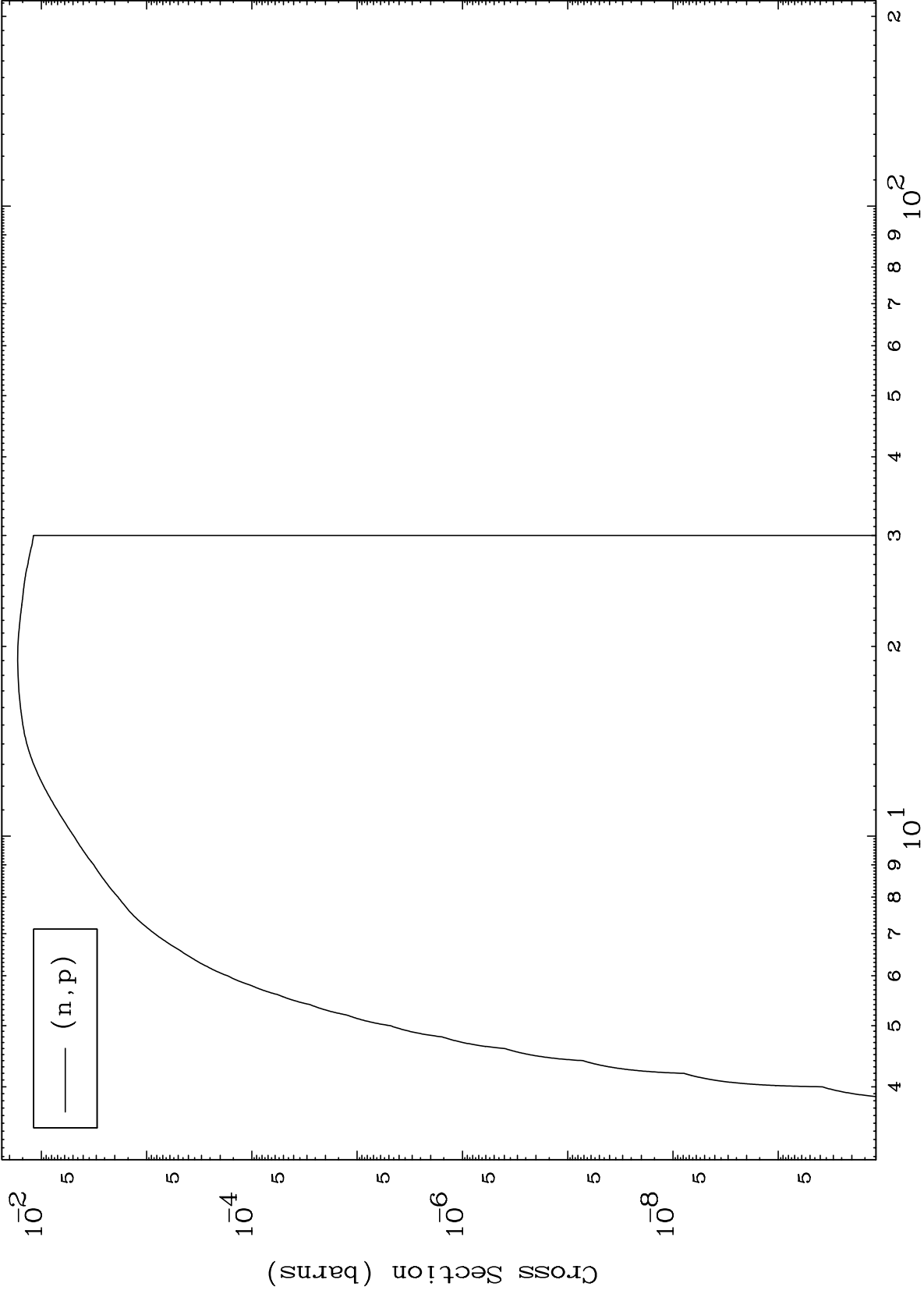
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,p) Levels  
293 Kelvin Cross Sections

27-Co-61



10

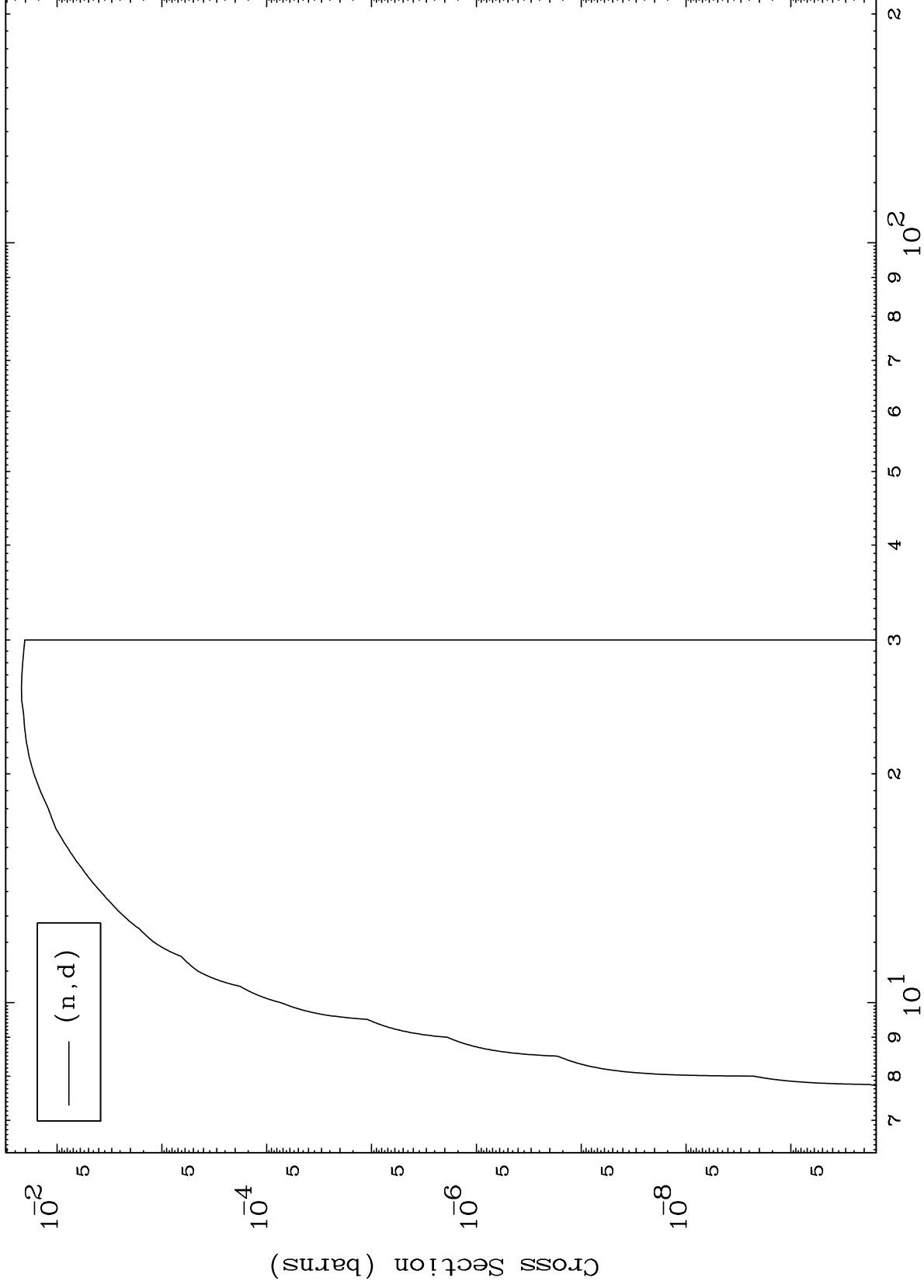
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-61



11

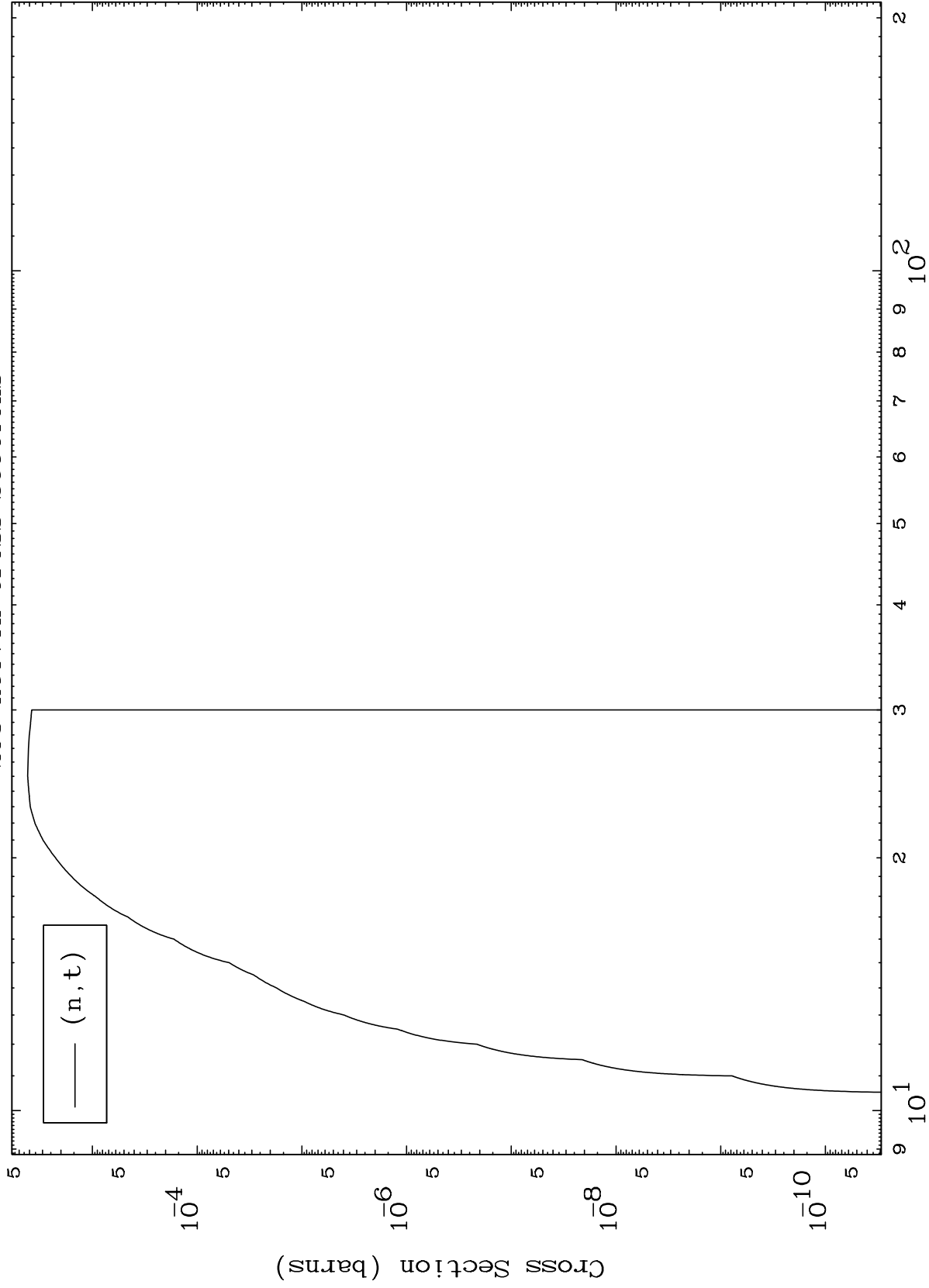
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-61



12

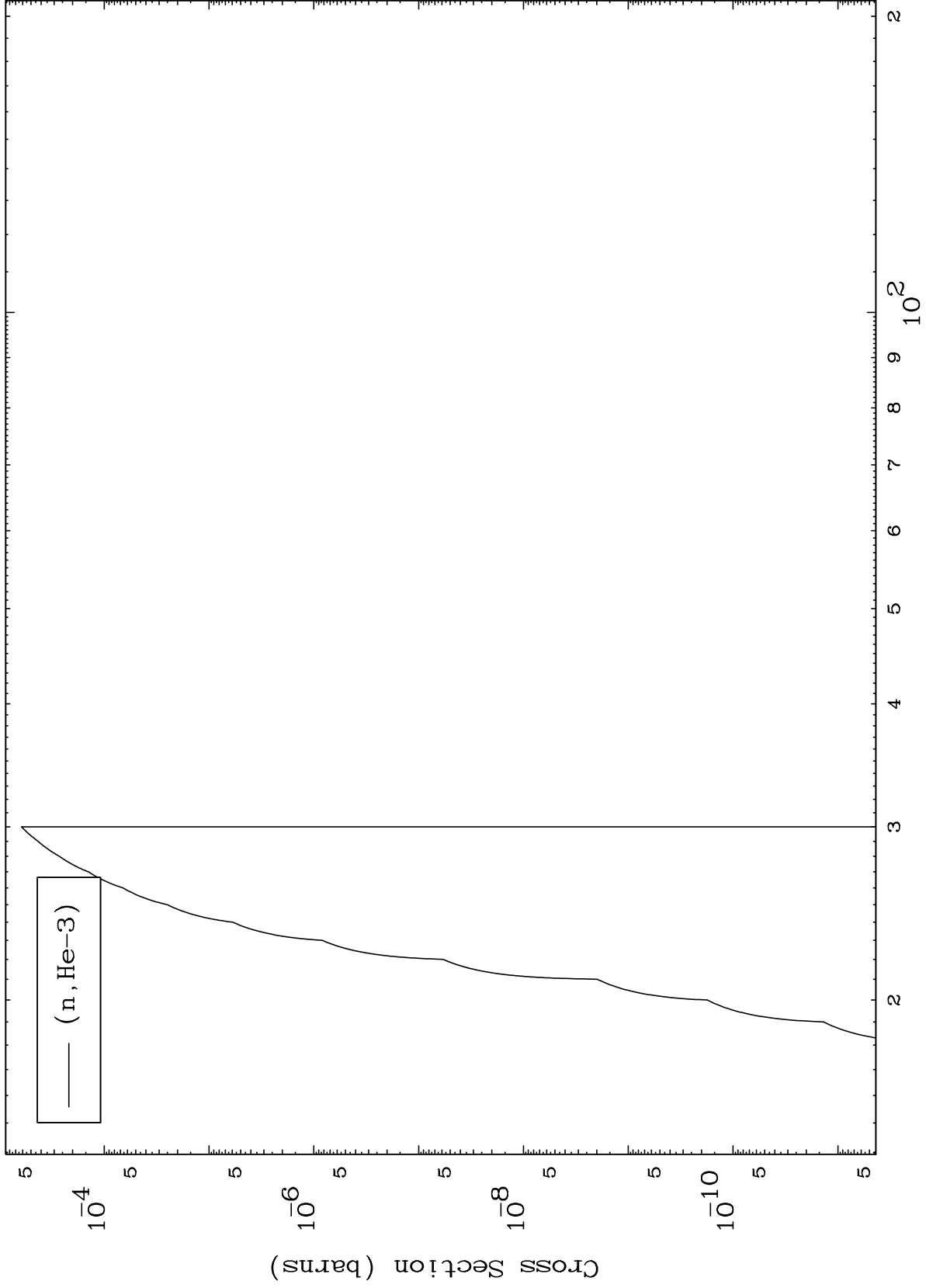
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-61



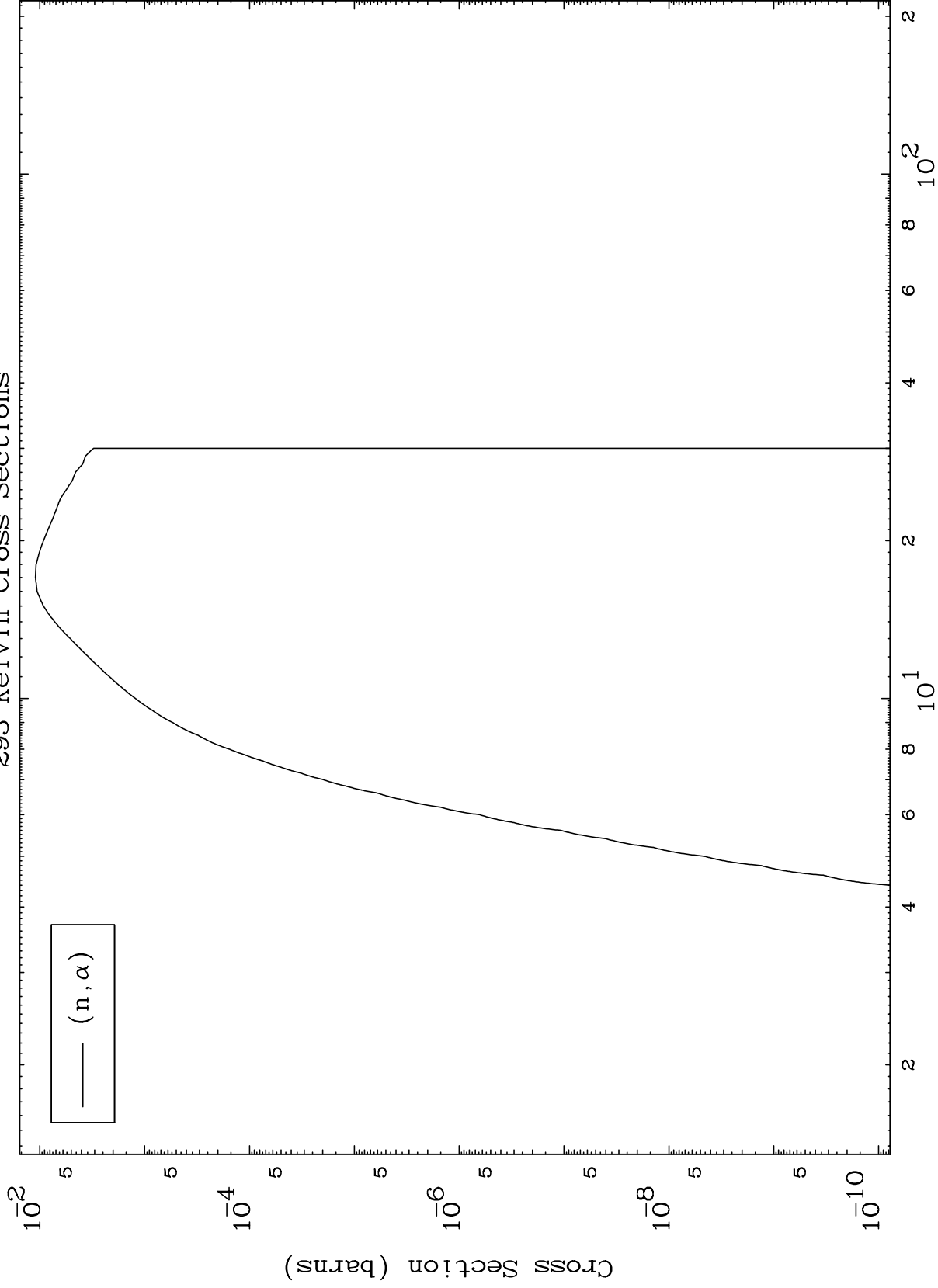
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27-Co-61

MAT 2731

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

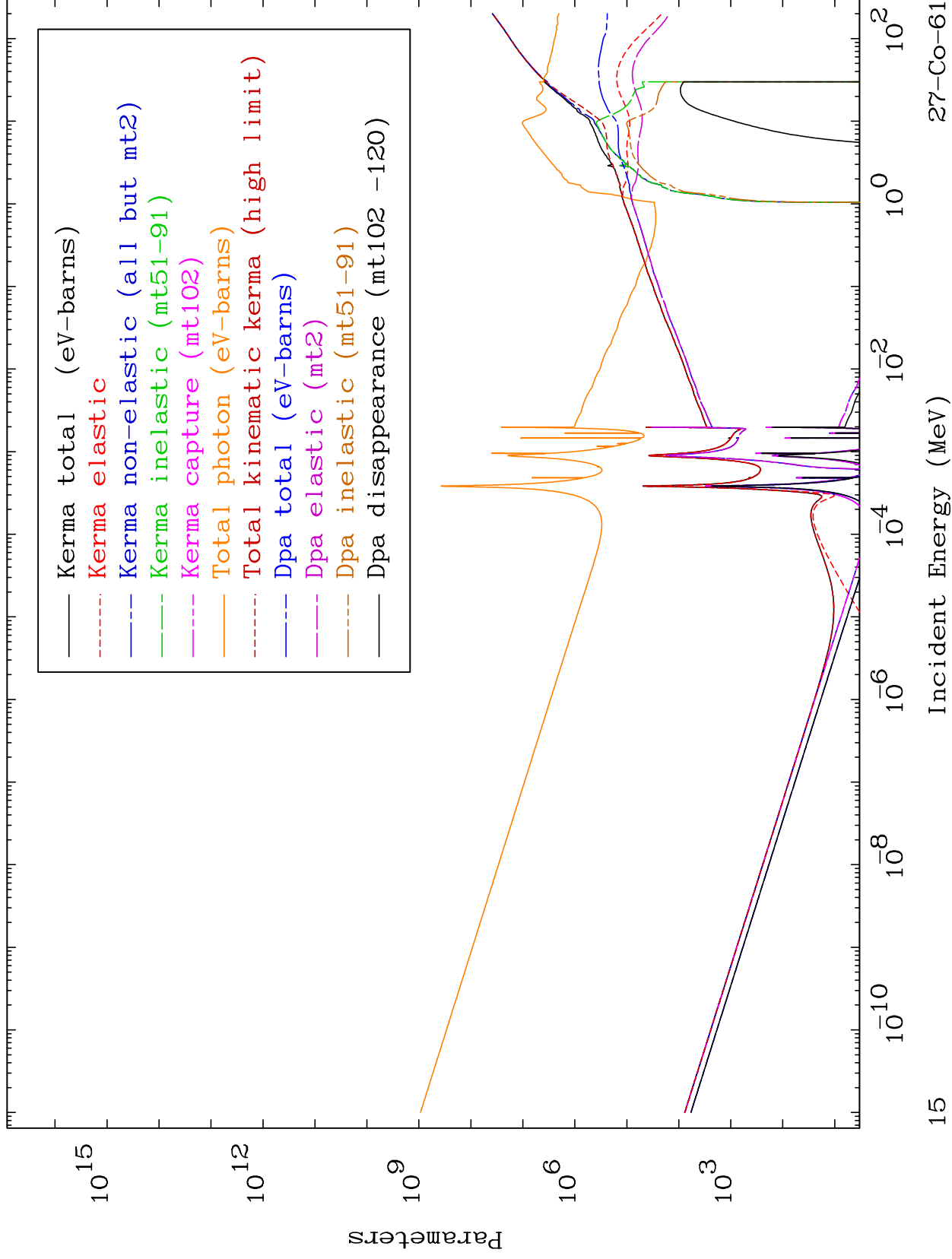
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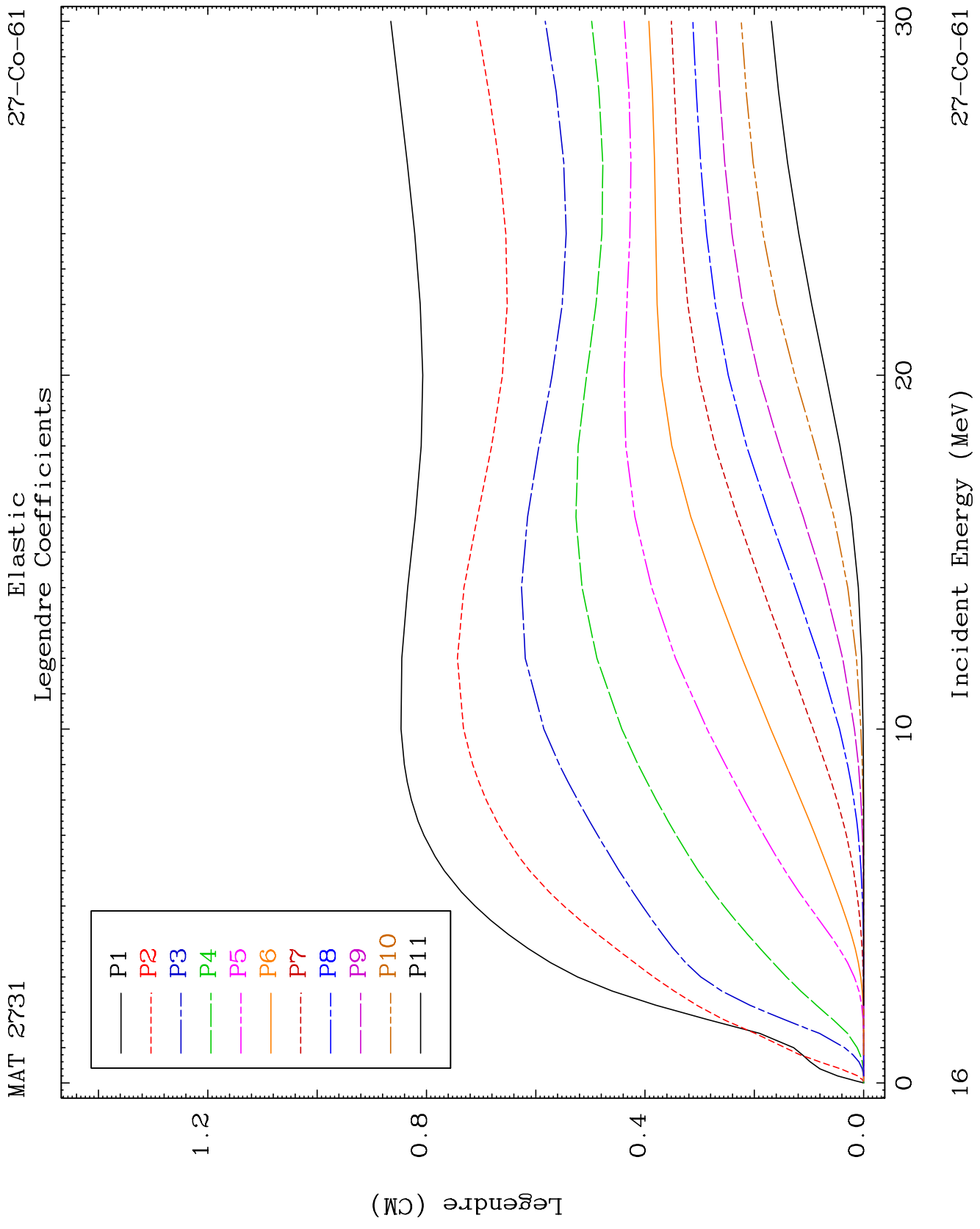
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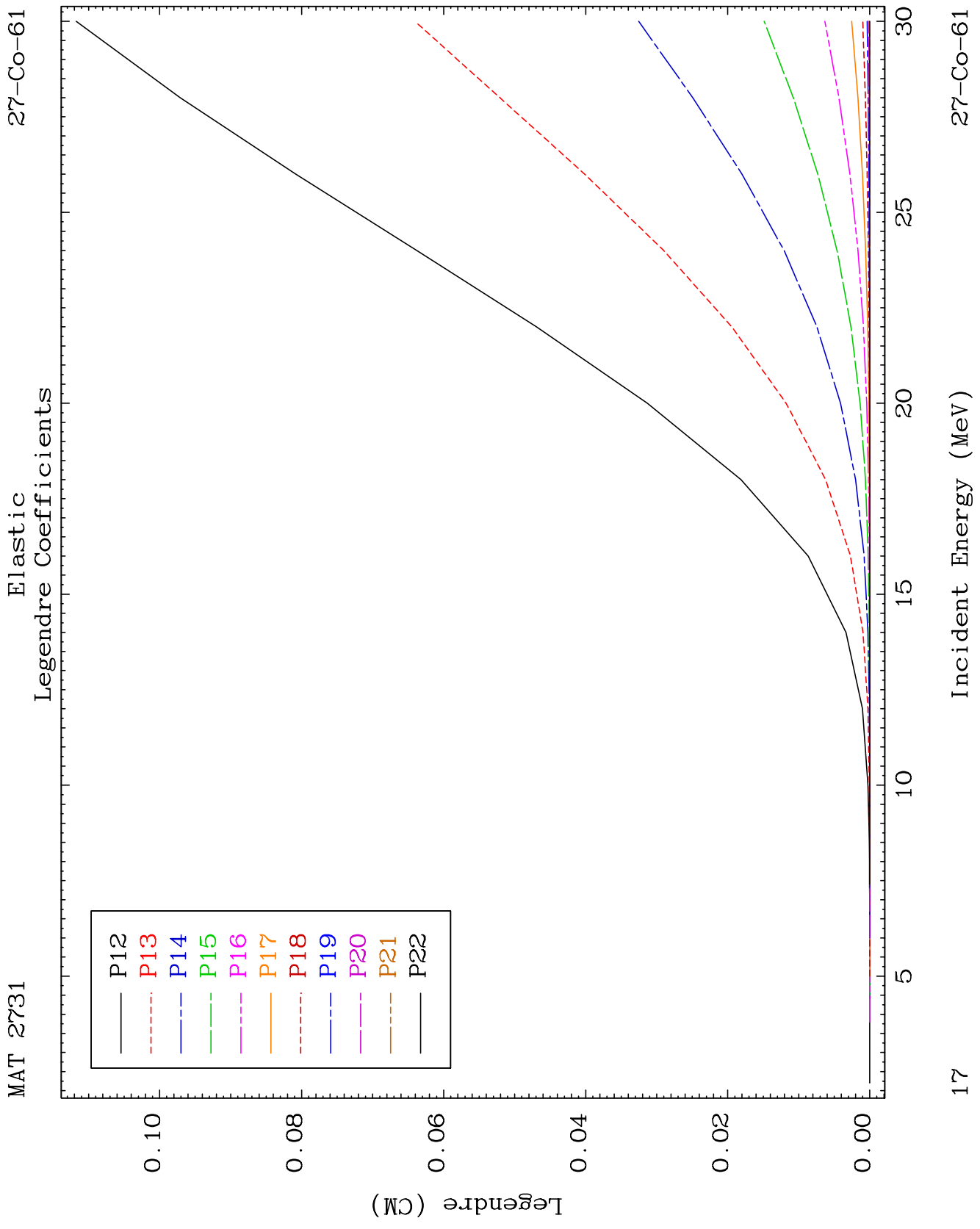
Incident Energy (MeV)

27-Co-61

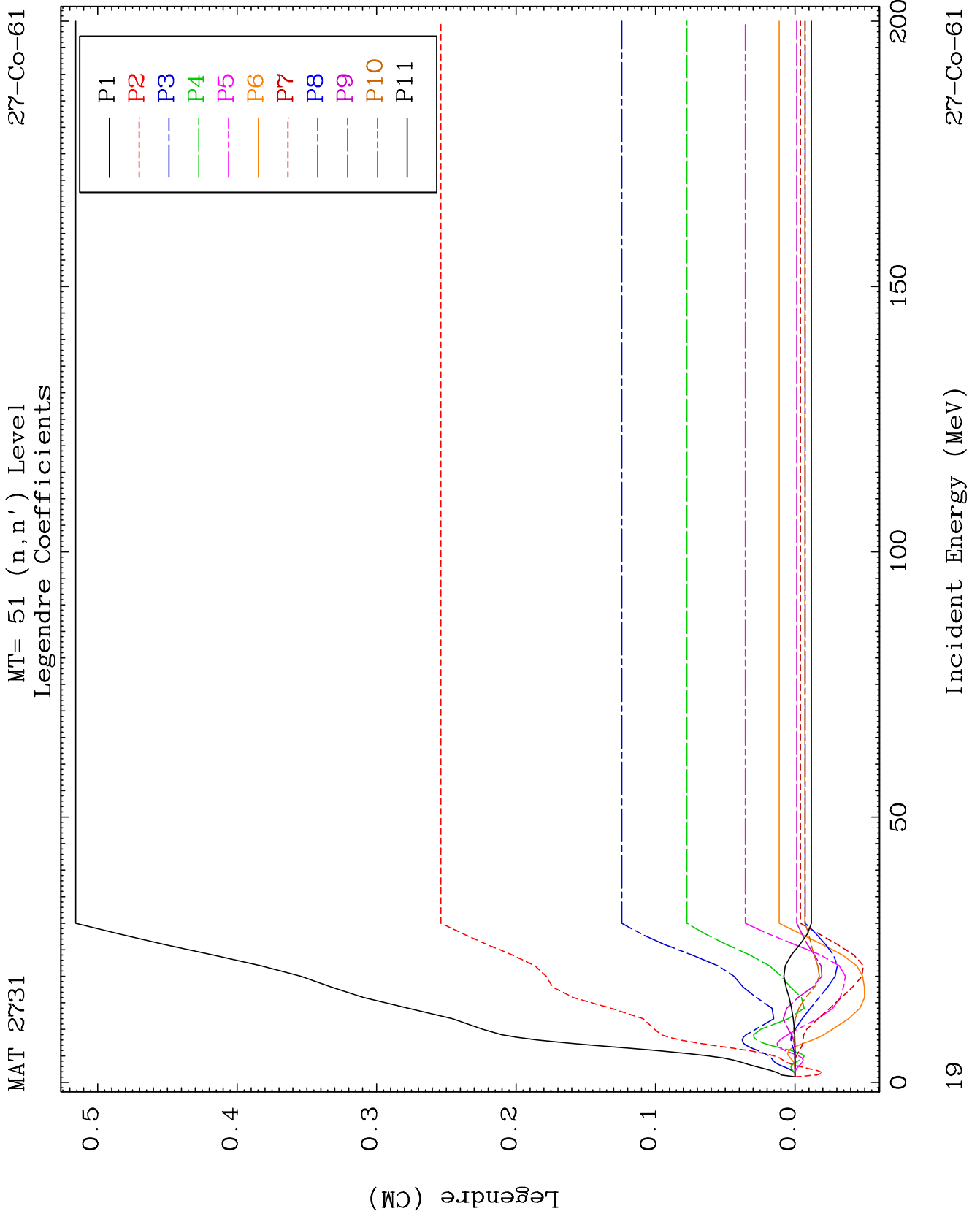


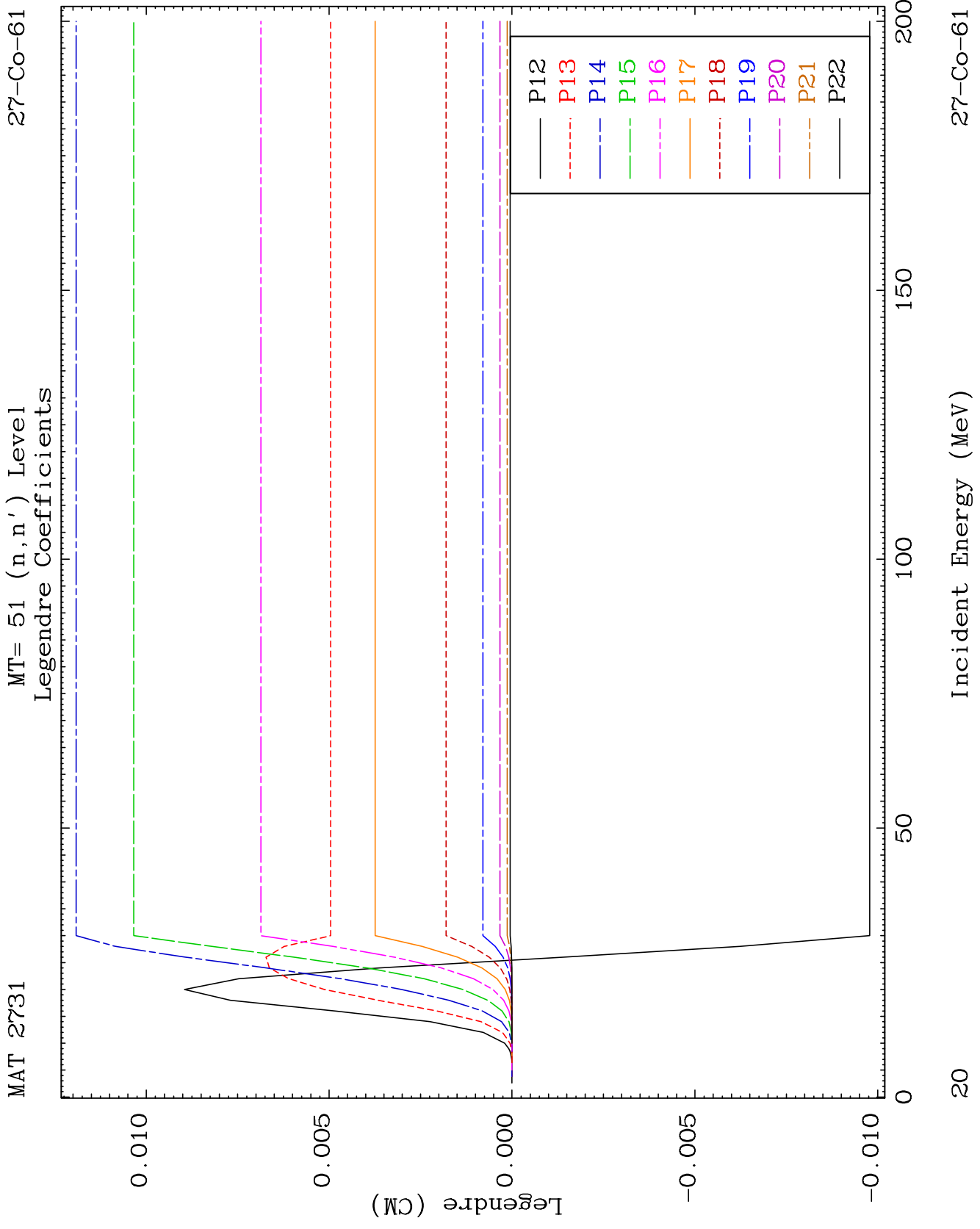








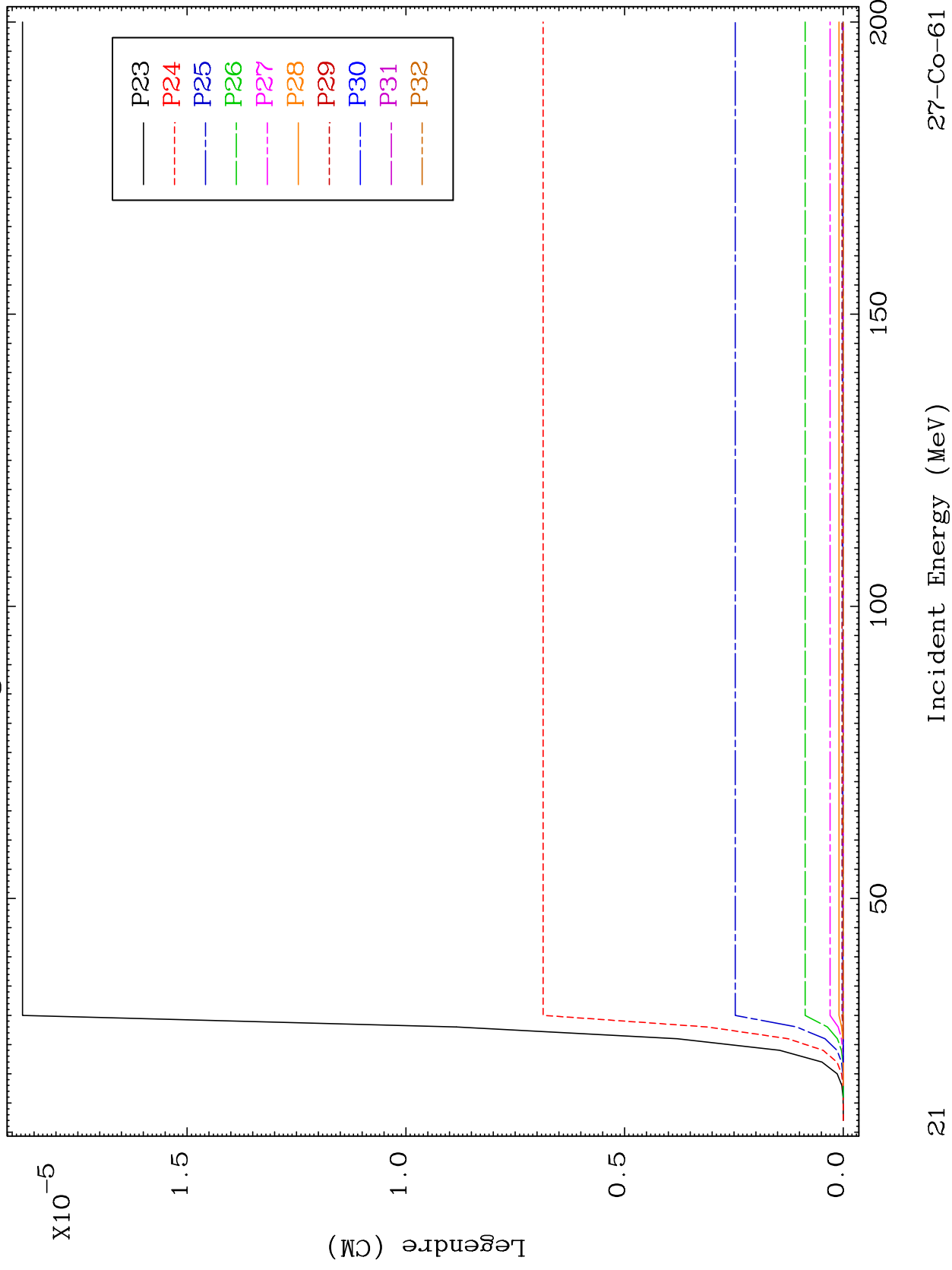




MAT 2731

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

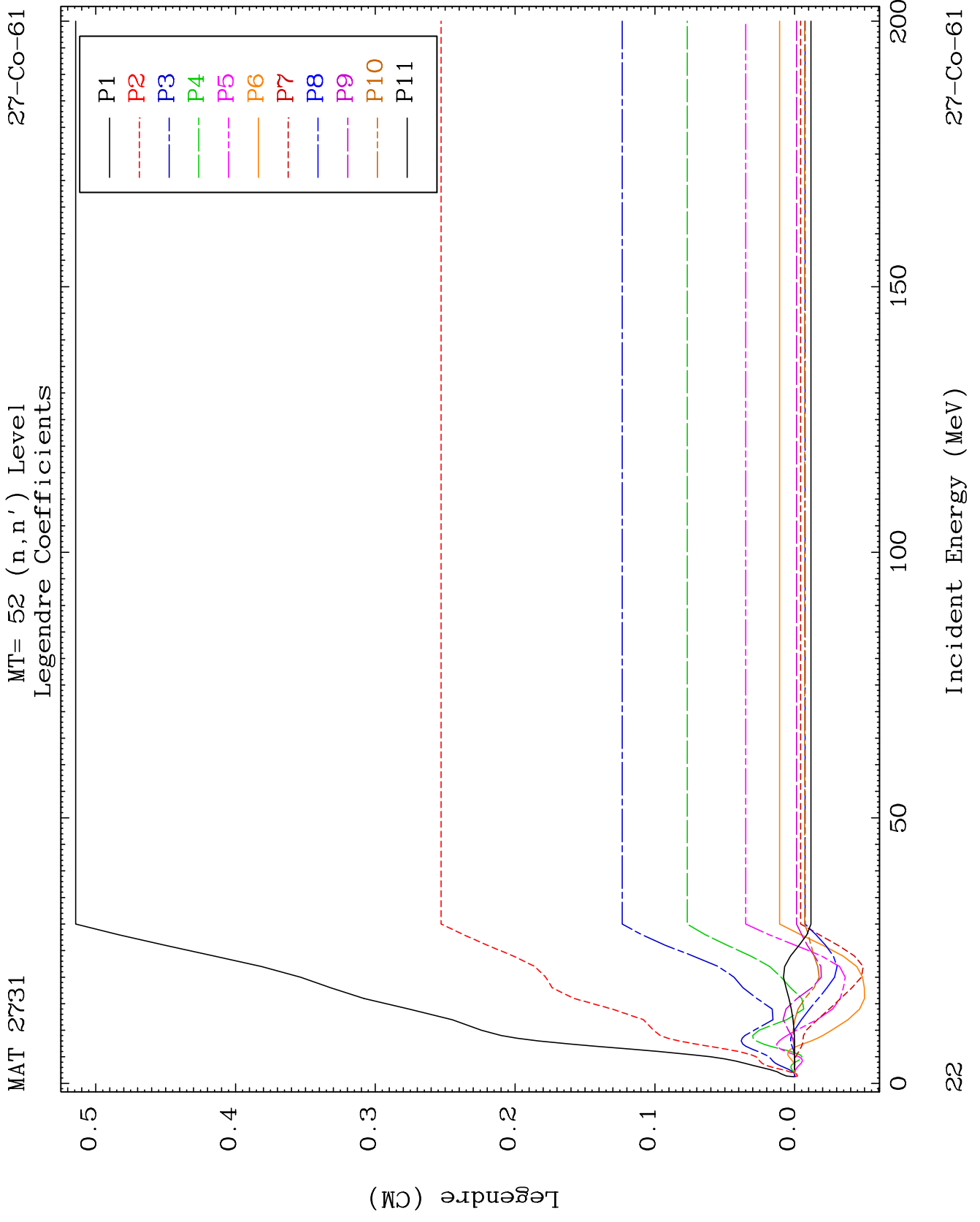
27-Co-61



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Incident Energy (MeV)

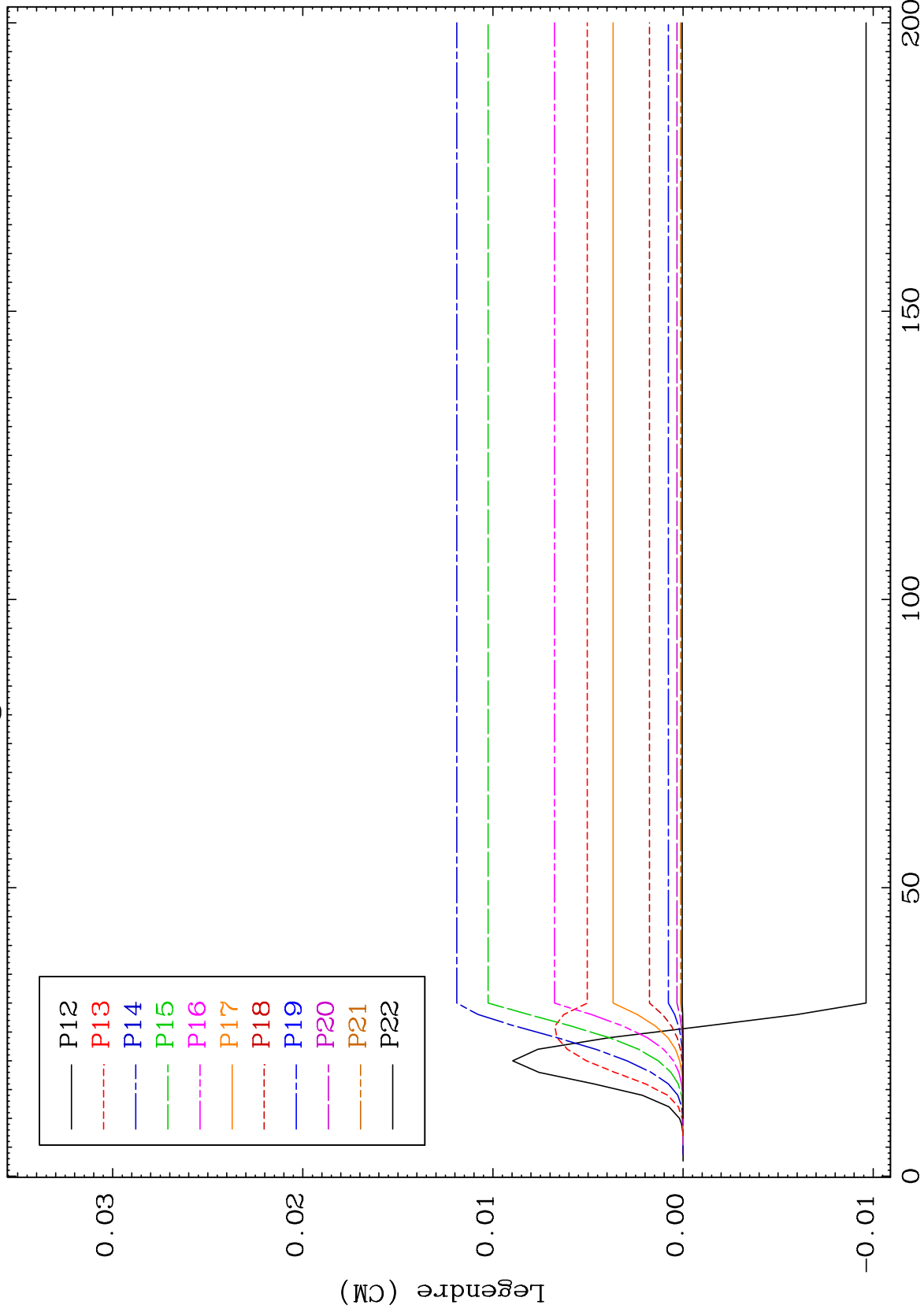
27-Co-61



MAT 2731

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

27-Co-61



23

Incident Energy (MeV)

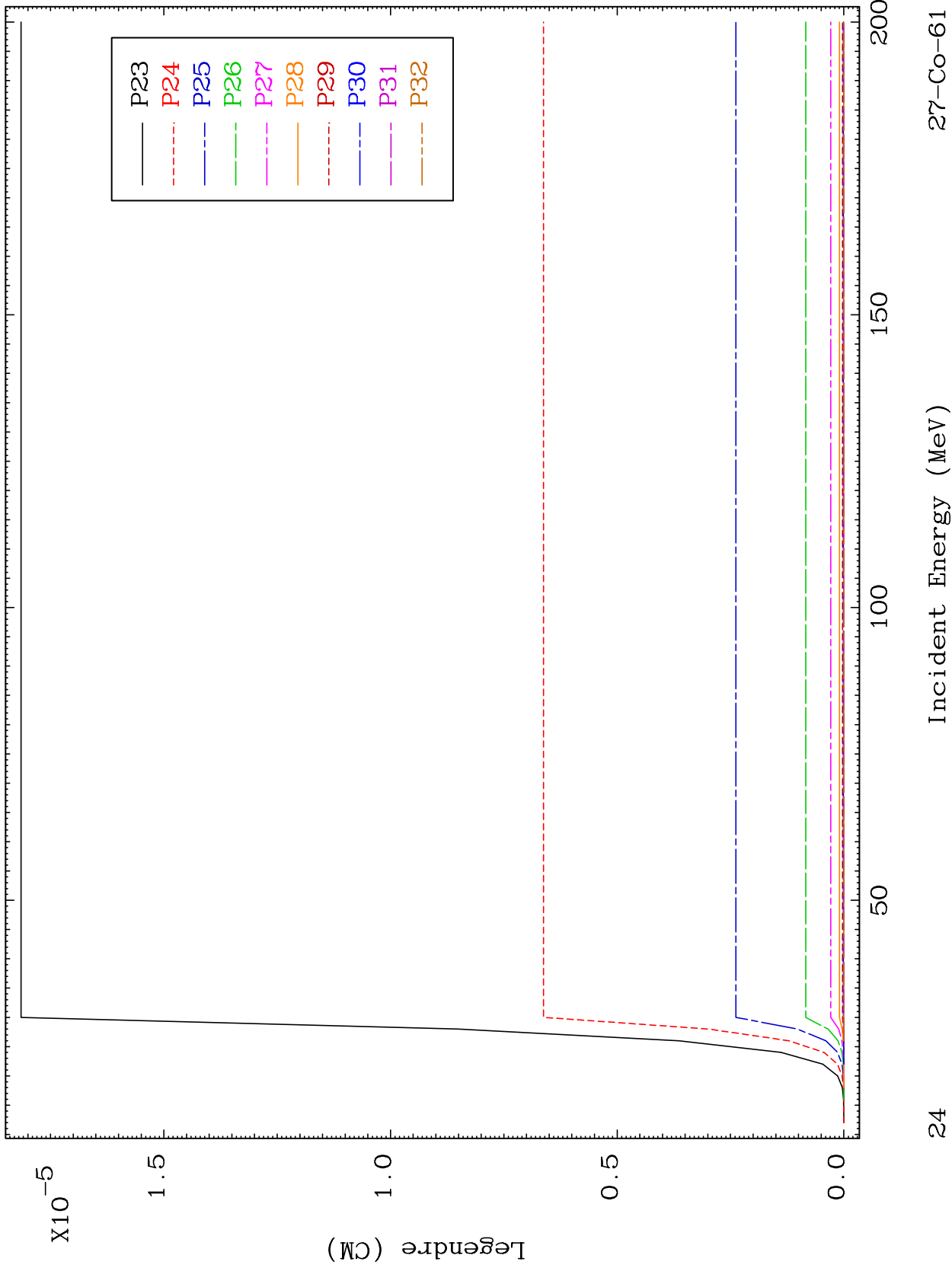
27-Co-61



MAT 2731

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

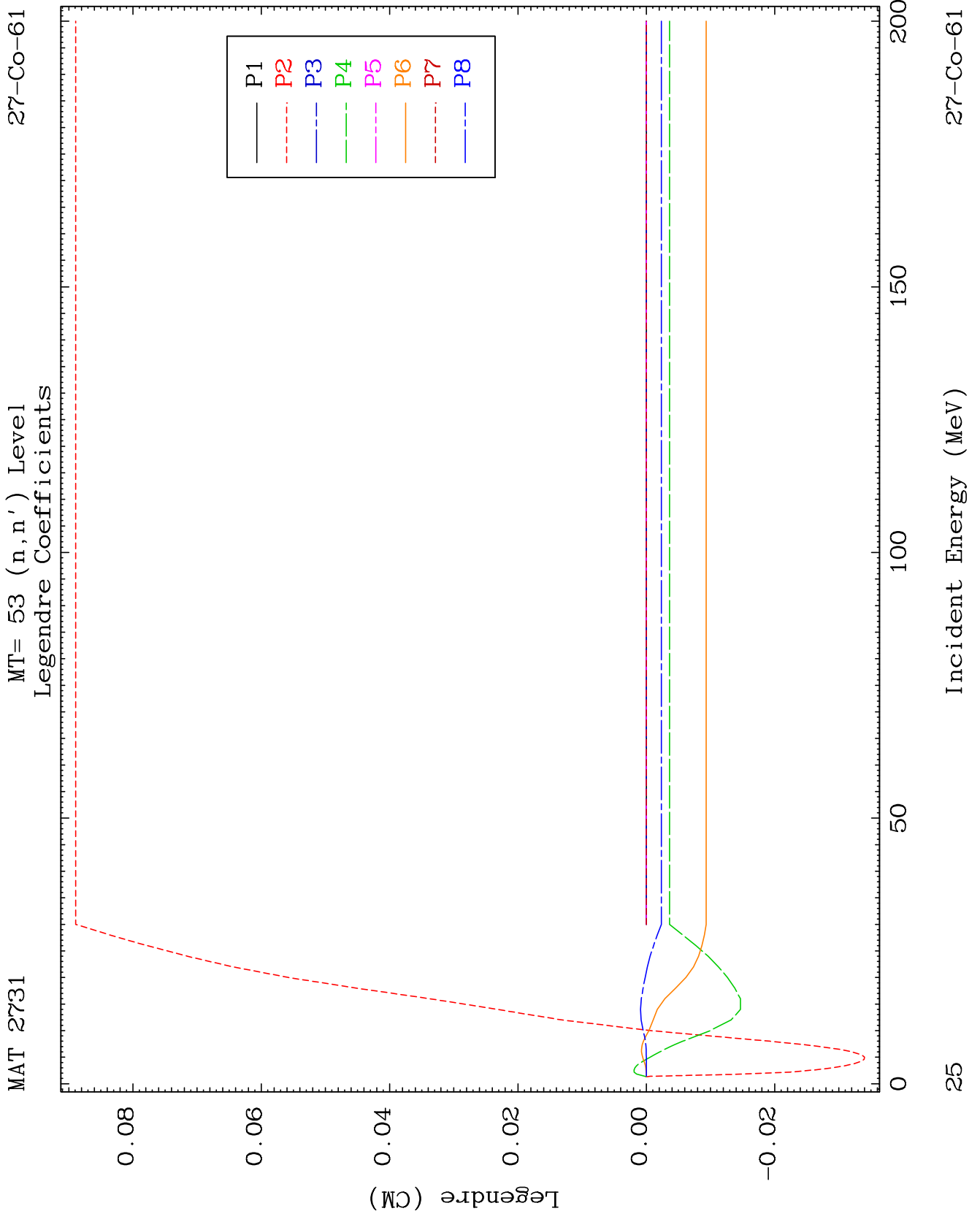
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24

Incident Energy (MeV)

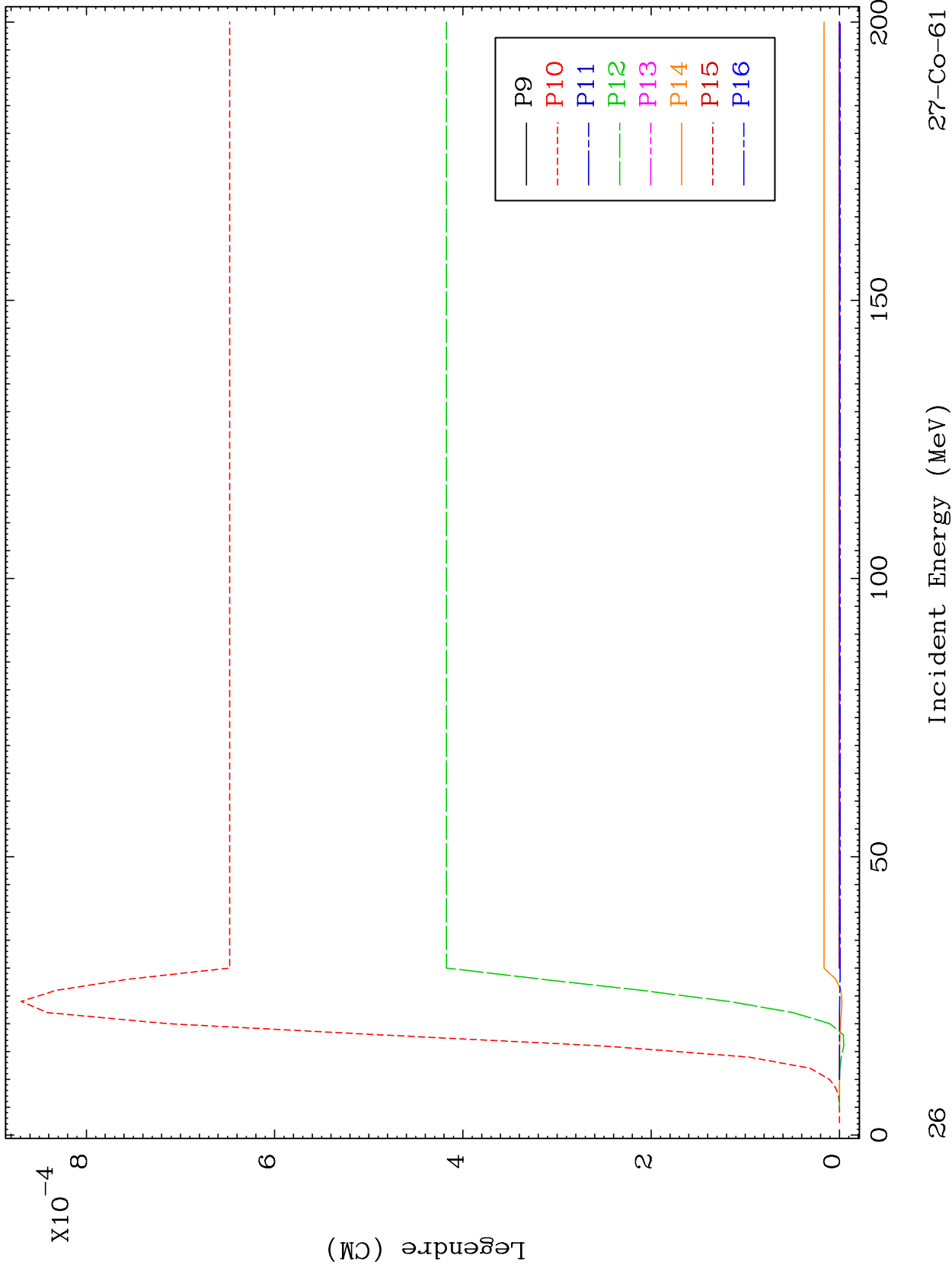
27-Co-61



MAT 2731

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

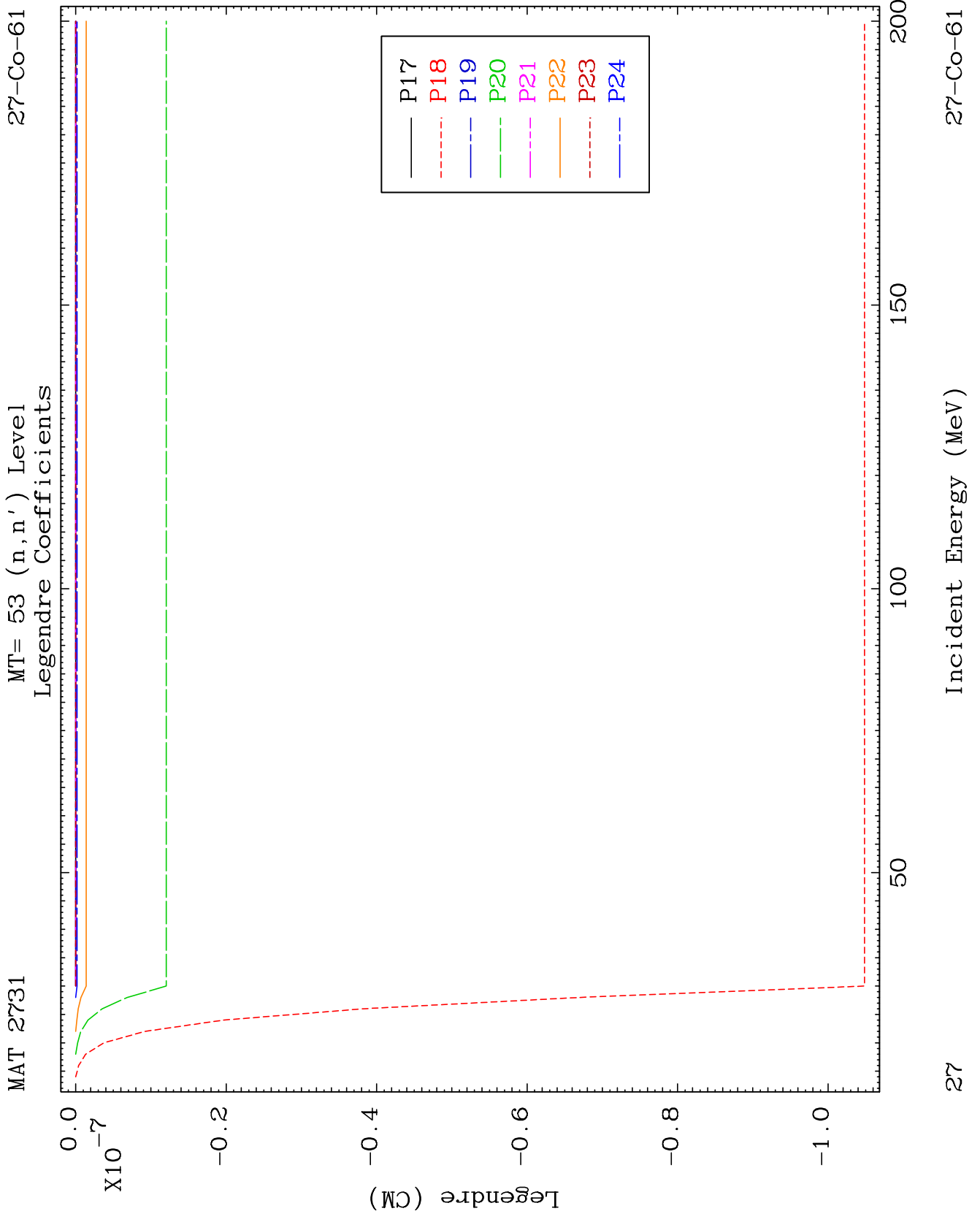
27-Co-61



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Incident Energy (MeV)

27-Co-61

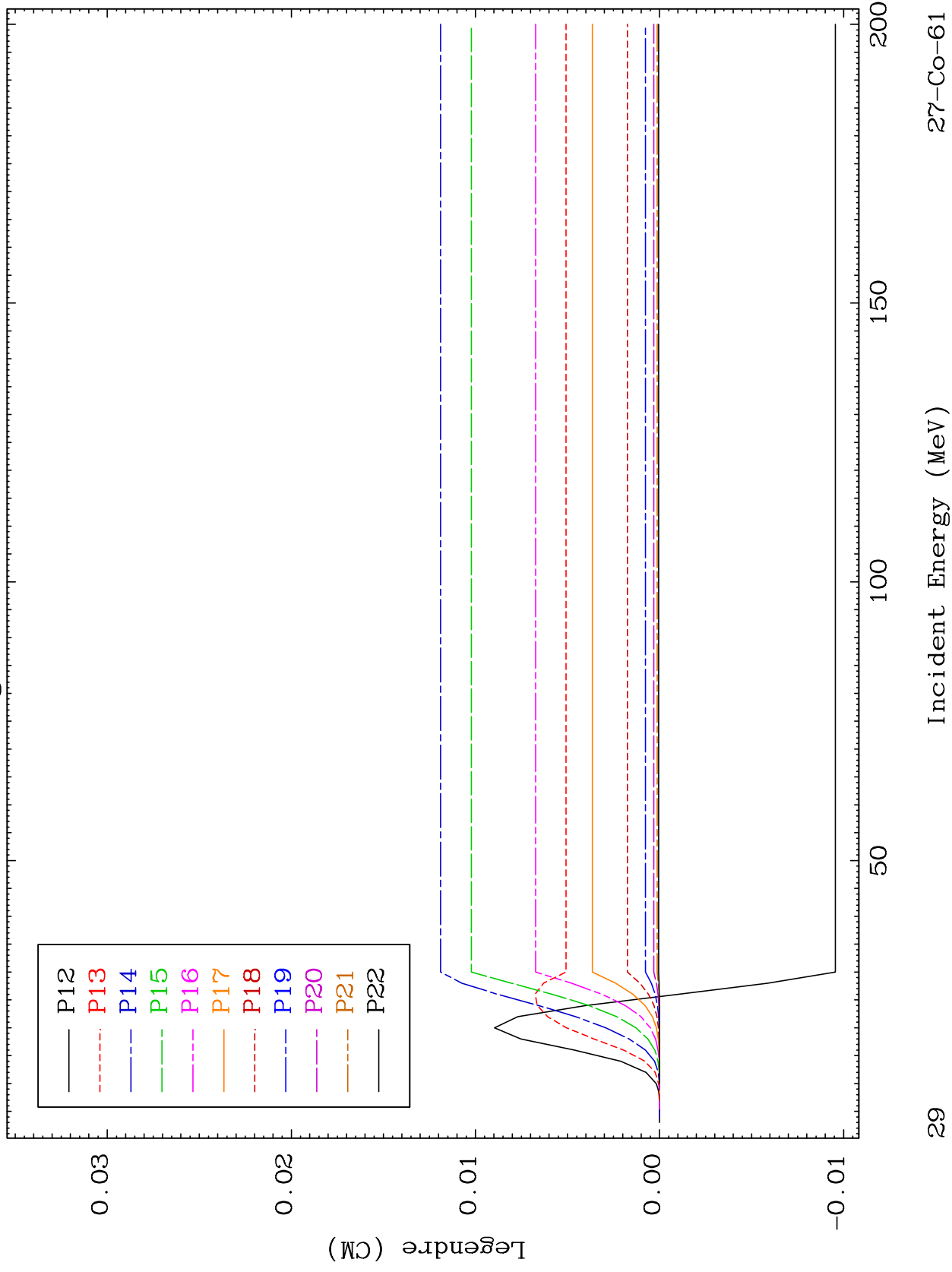




MAT 2731

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

27-Co-61



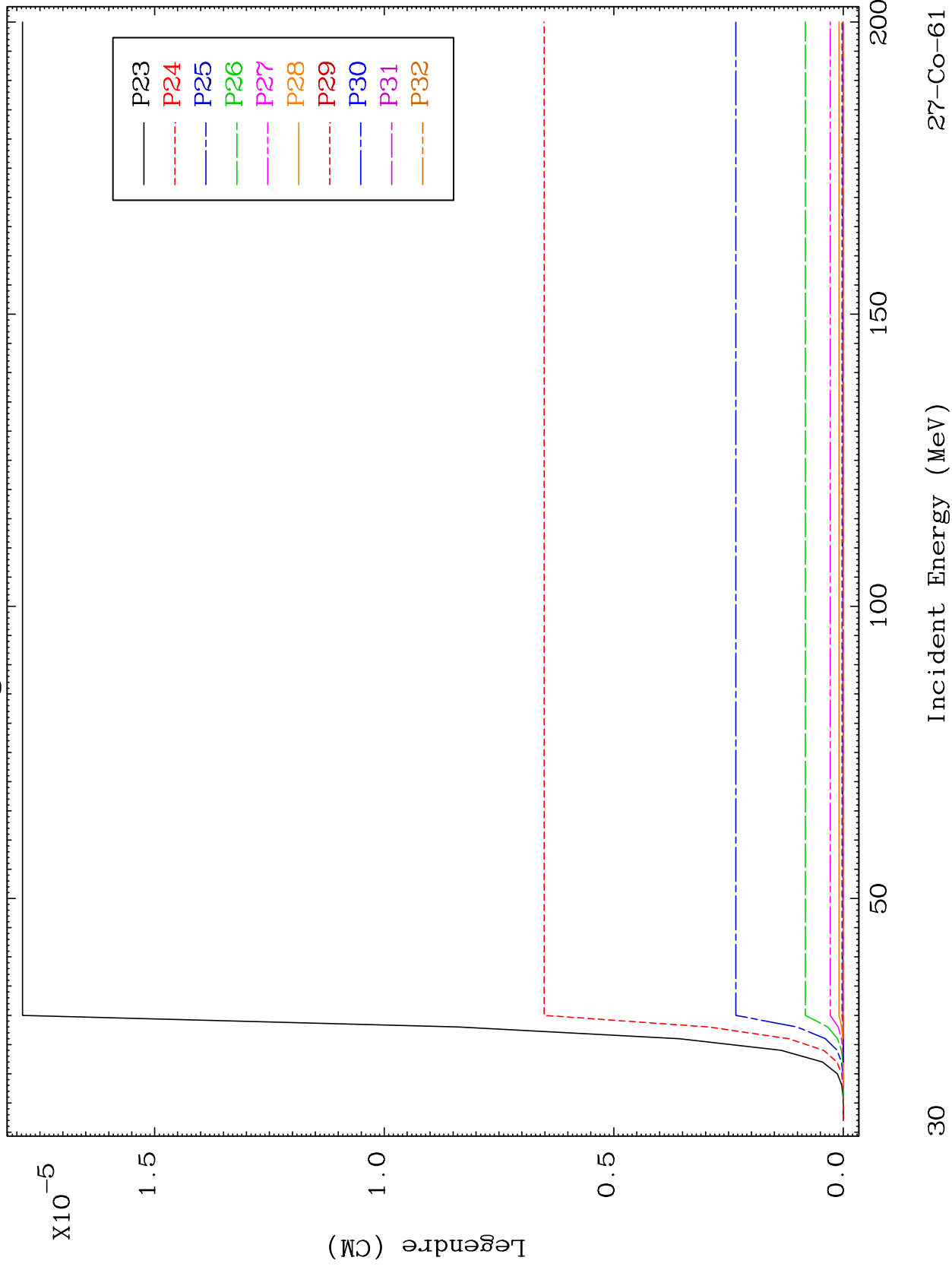
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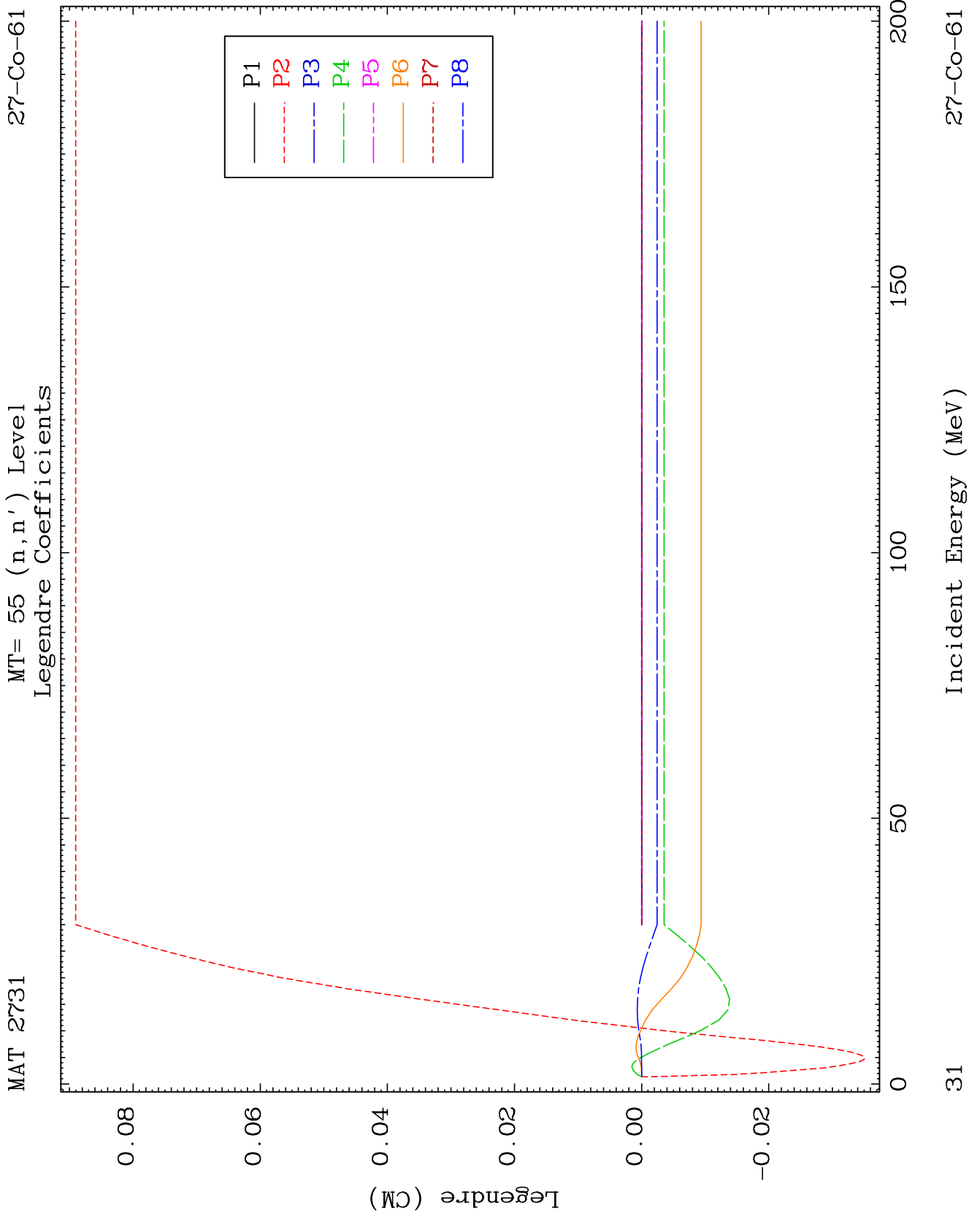
27-Co-61

MAT 2731

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

27-Co-61



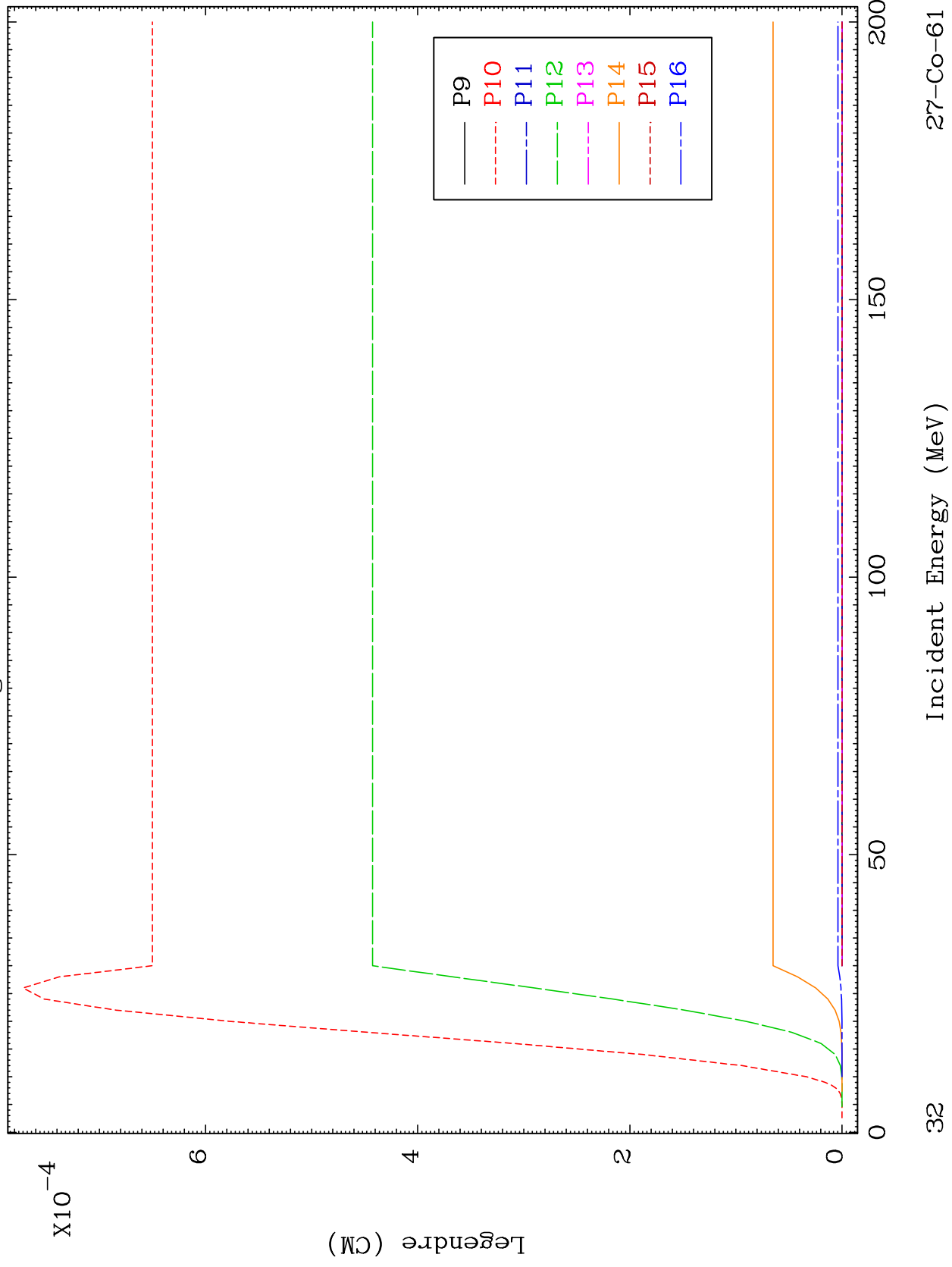




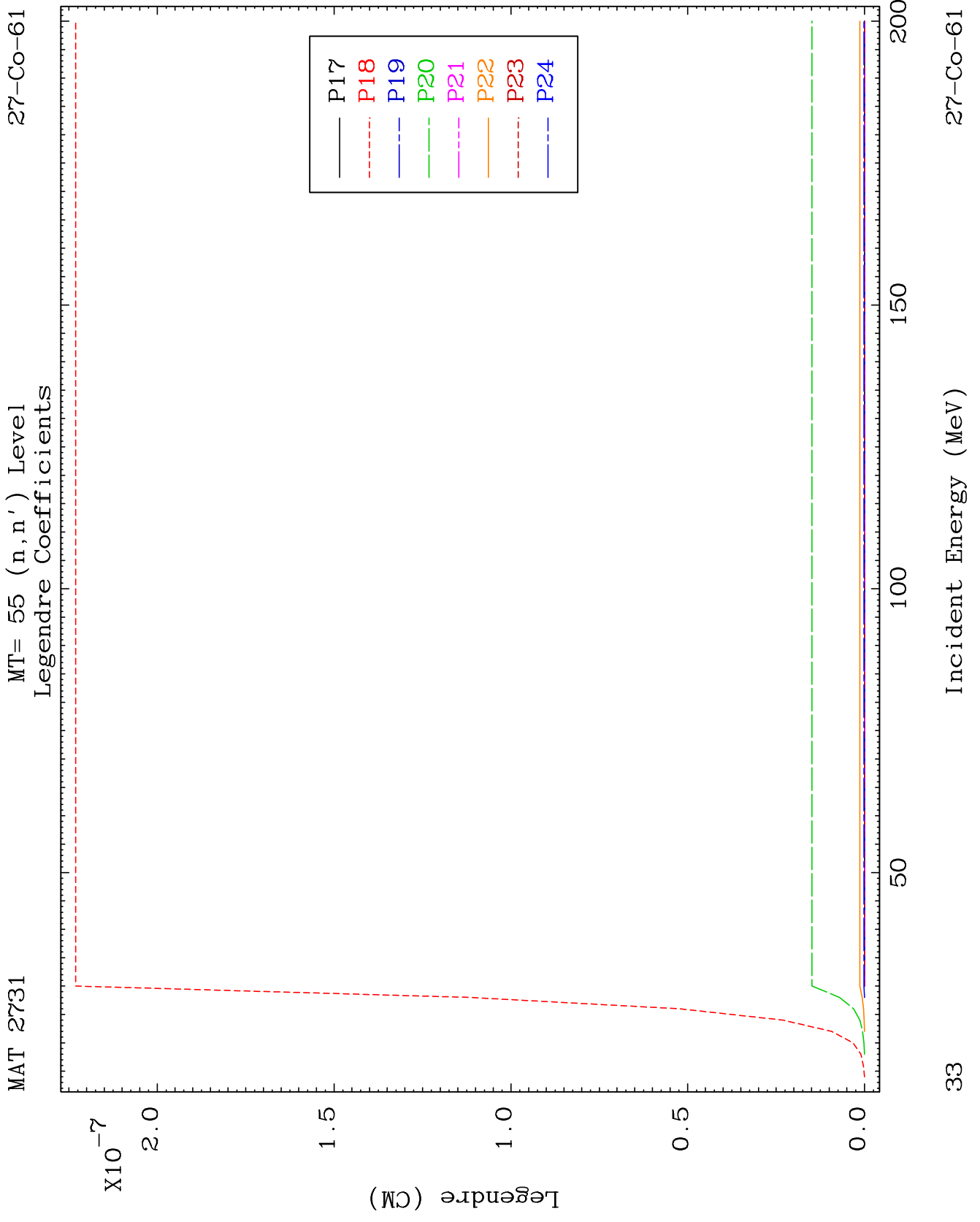
MAT 2731

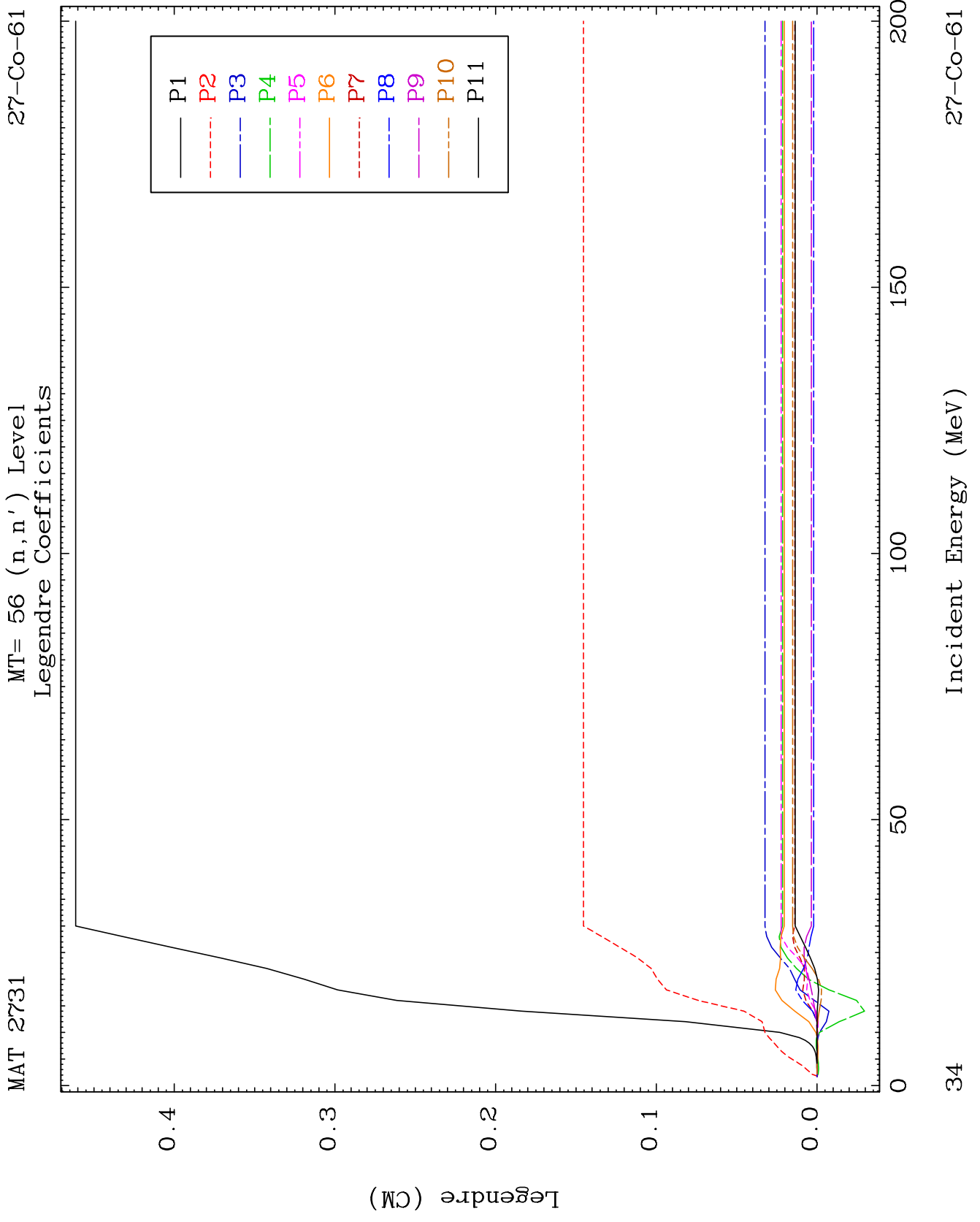
MT= 55 (n,n') Level  
Legendre Coefficients

27-Co-61



32

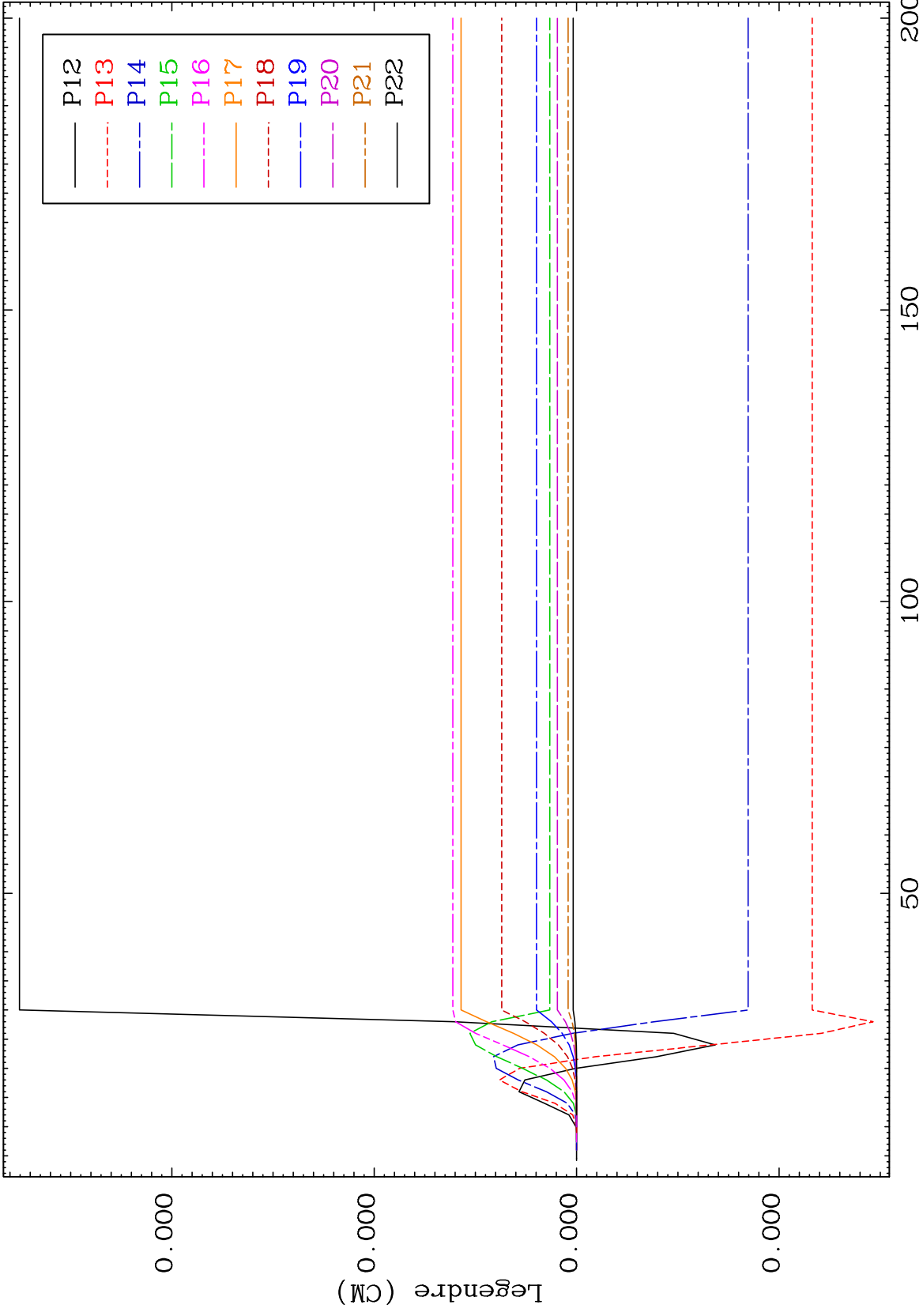




MAT 2731

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

27-Co-61



35

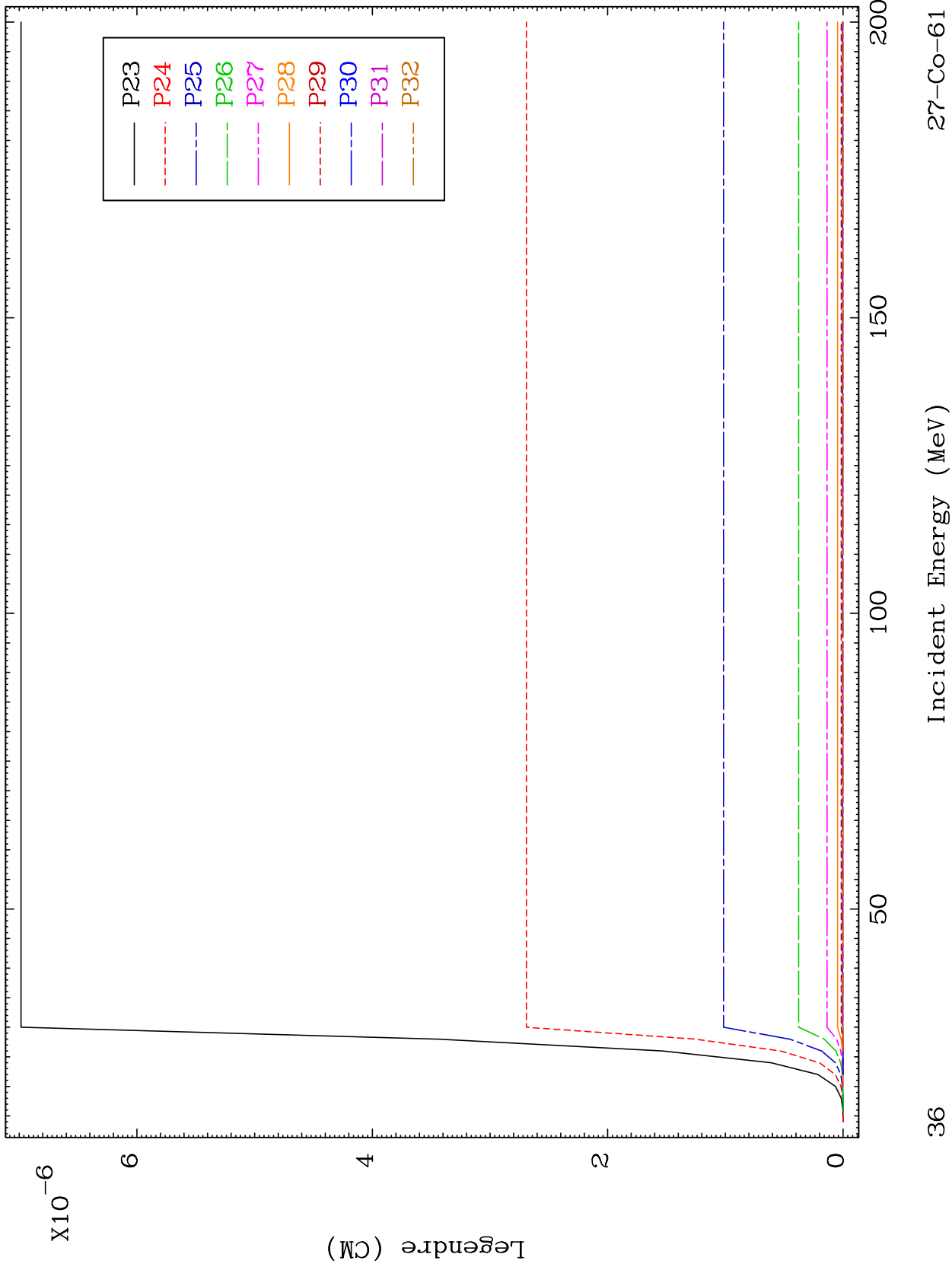
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



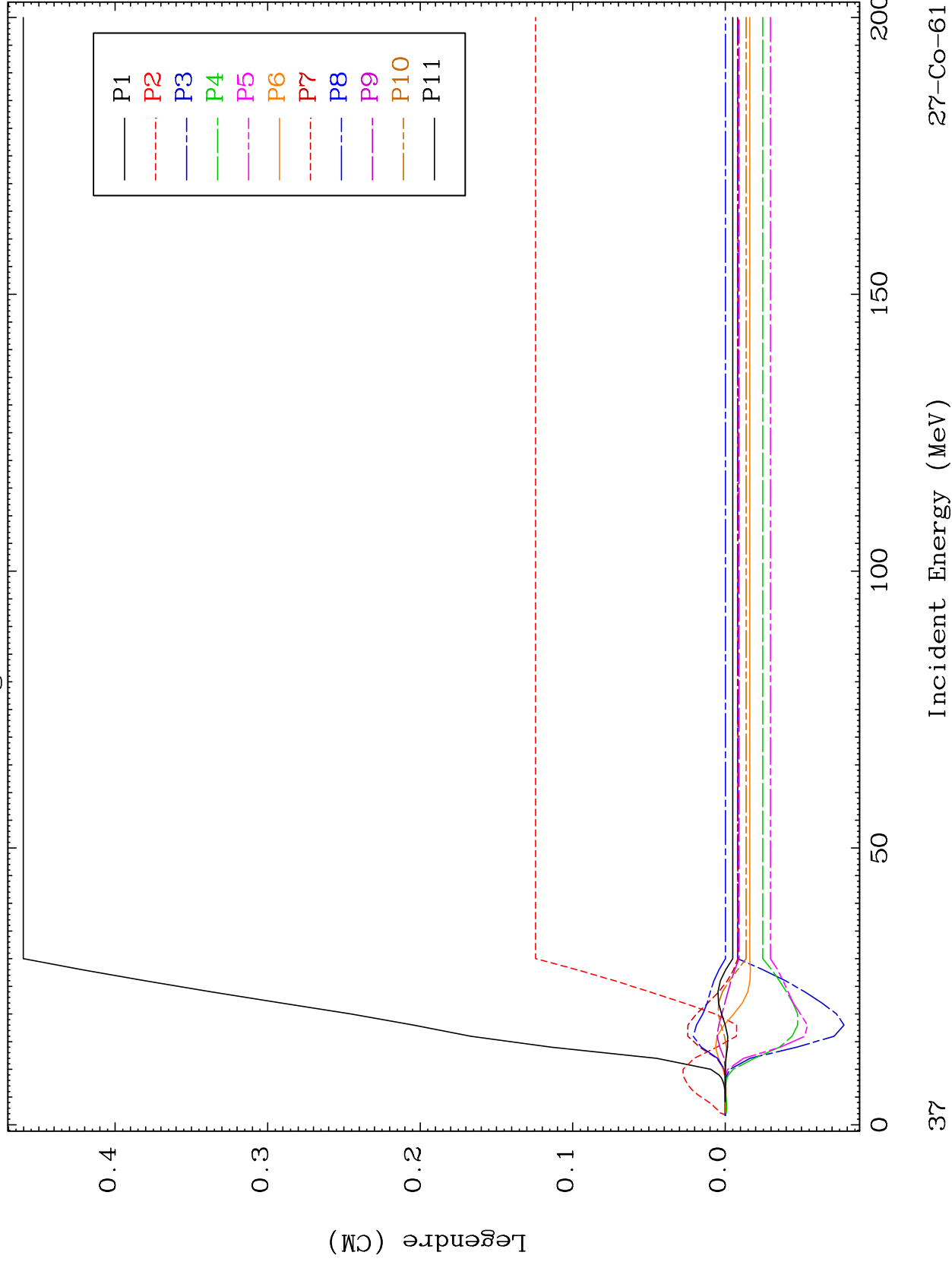
36

200

MAT 2731

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

27-Co-61



37

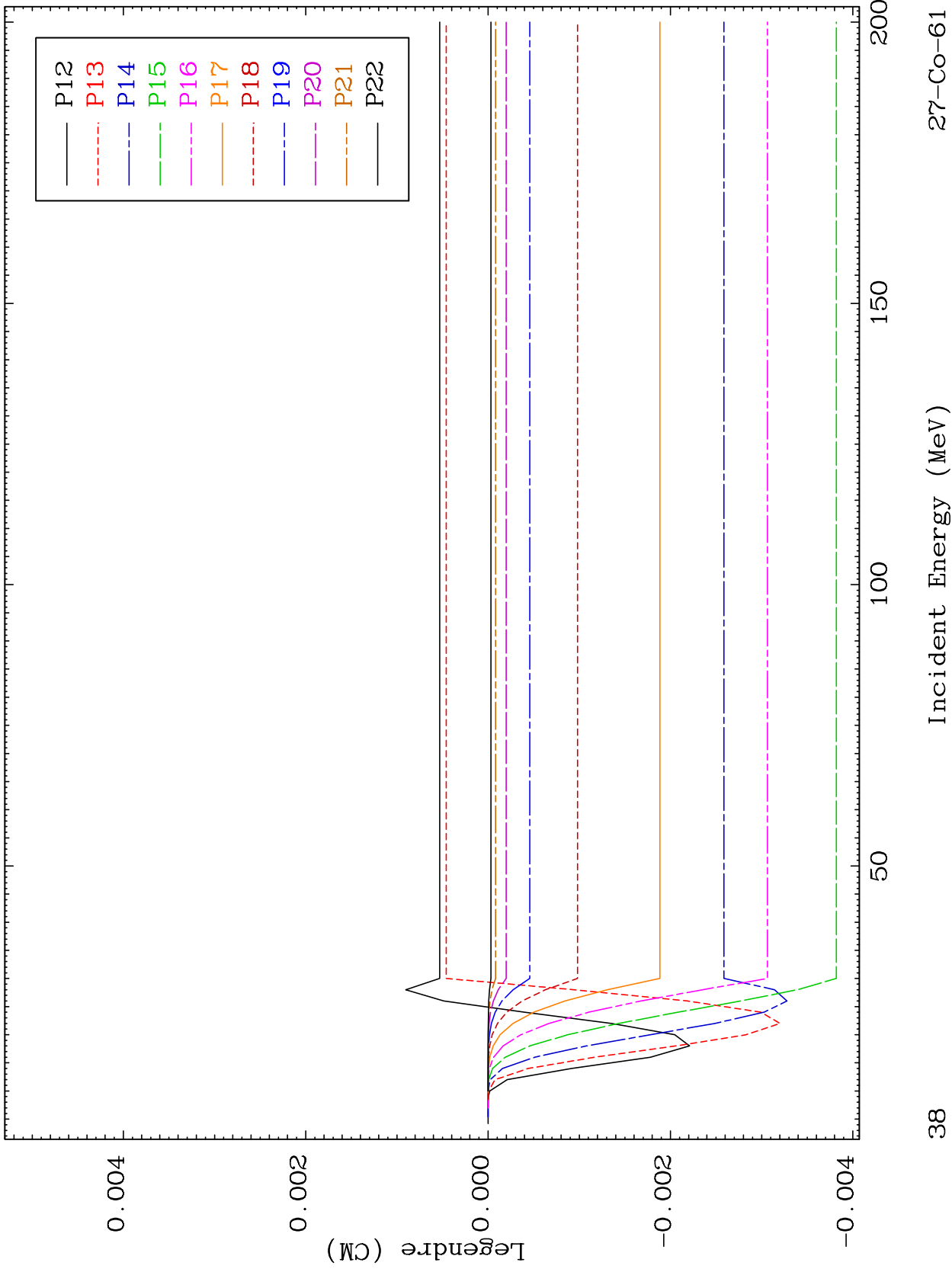
Incident Energy (MeV)

27-Co-61

MAT 2731

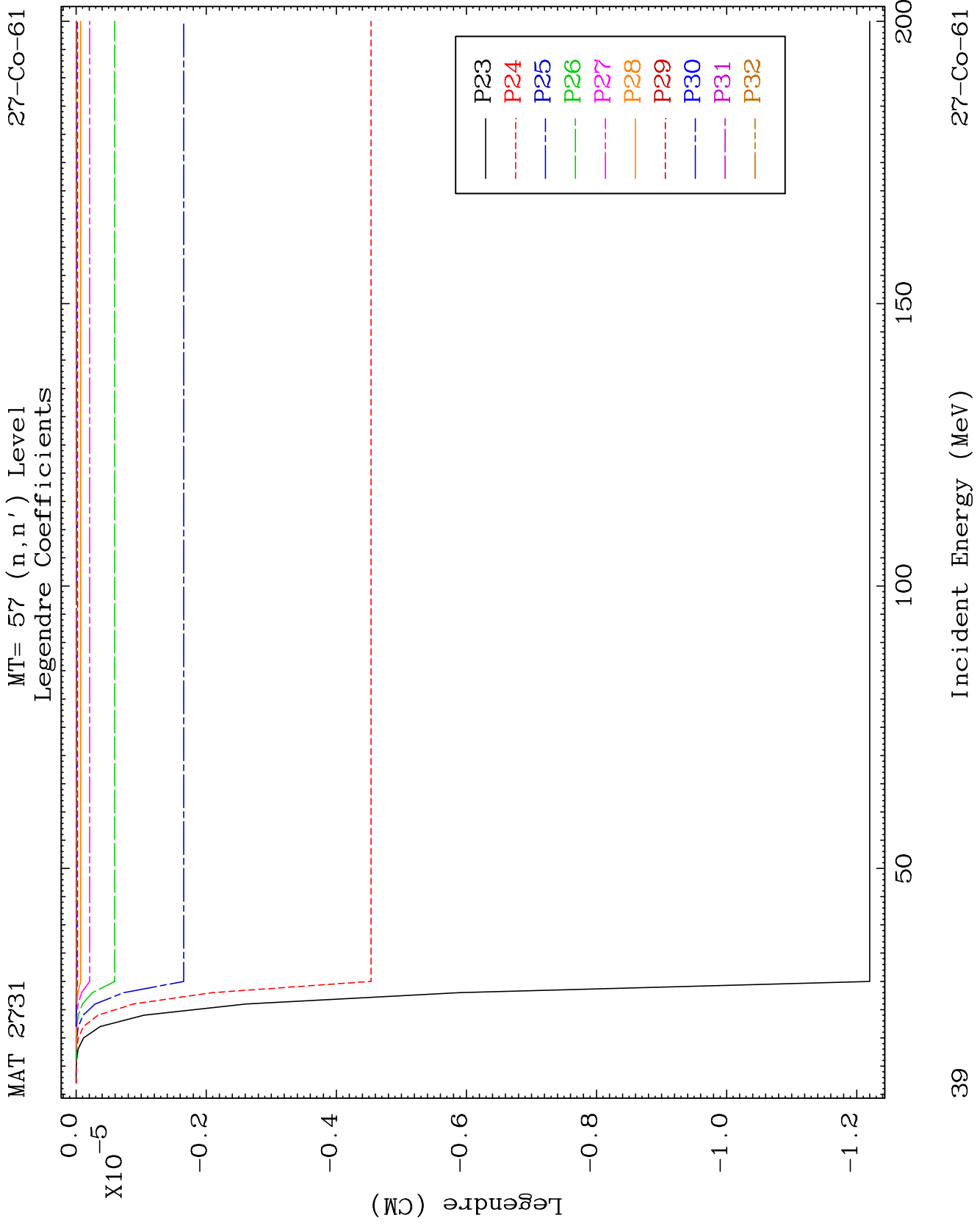
MT= 57 (n,n') Level  
Legendre Coefficients

27-Co-61

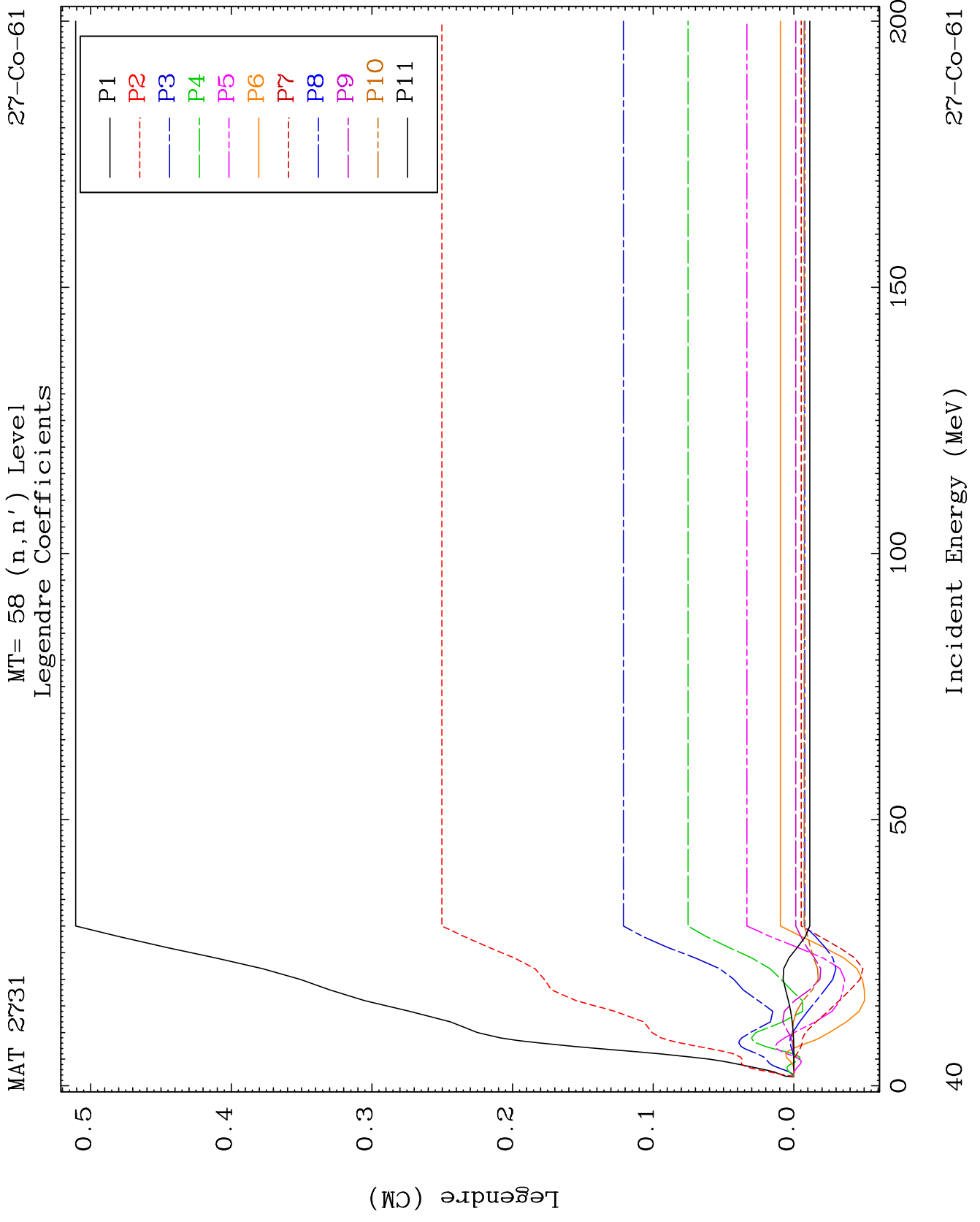


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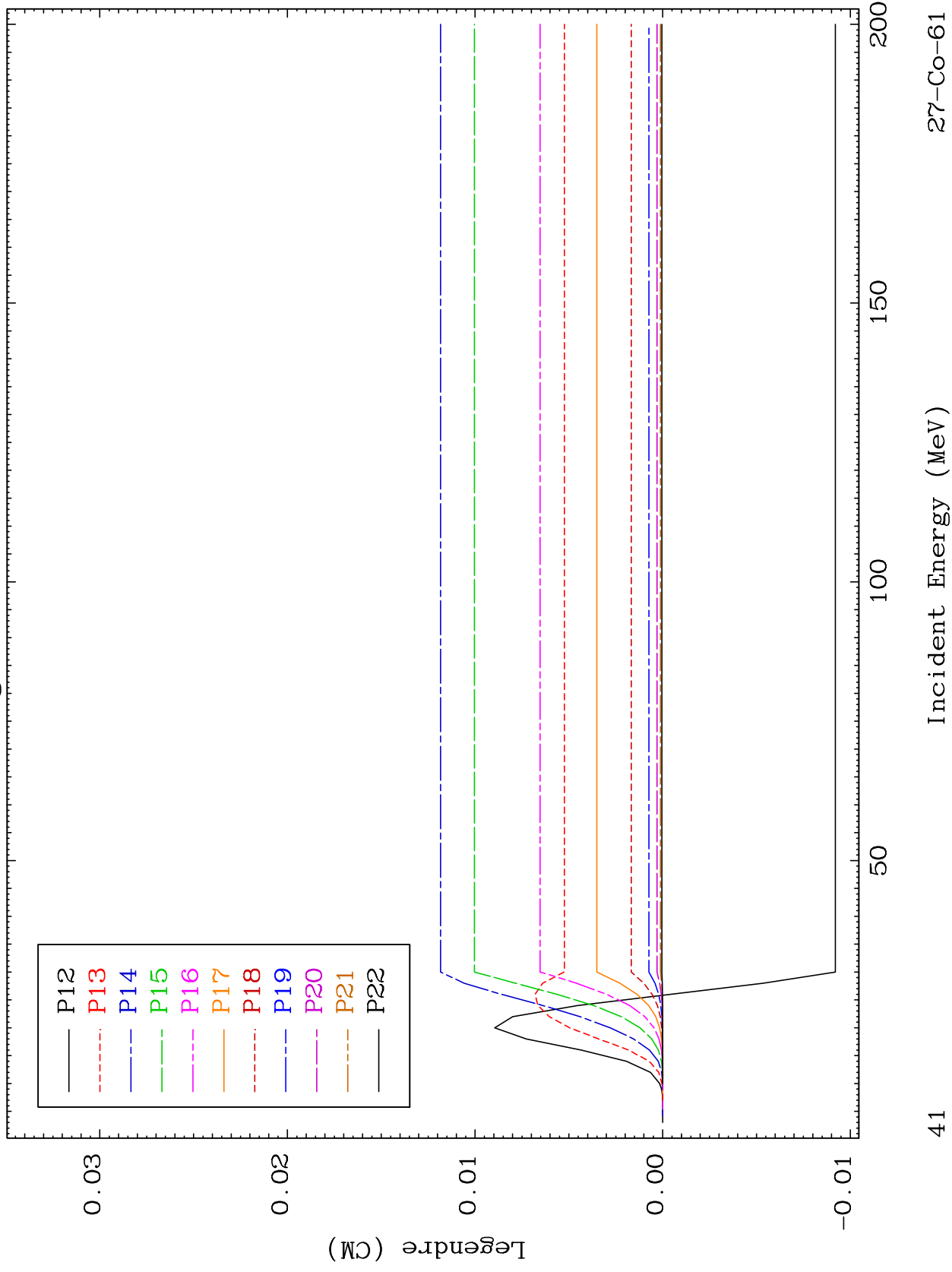




MAT 2731

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

27-Co-61



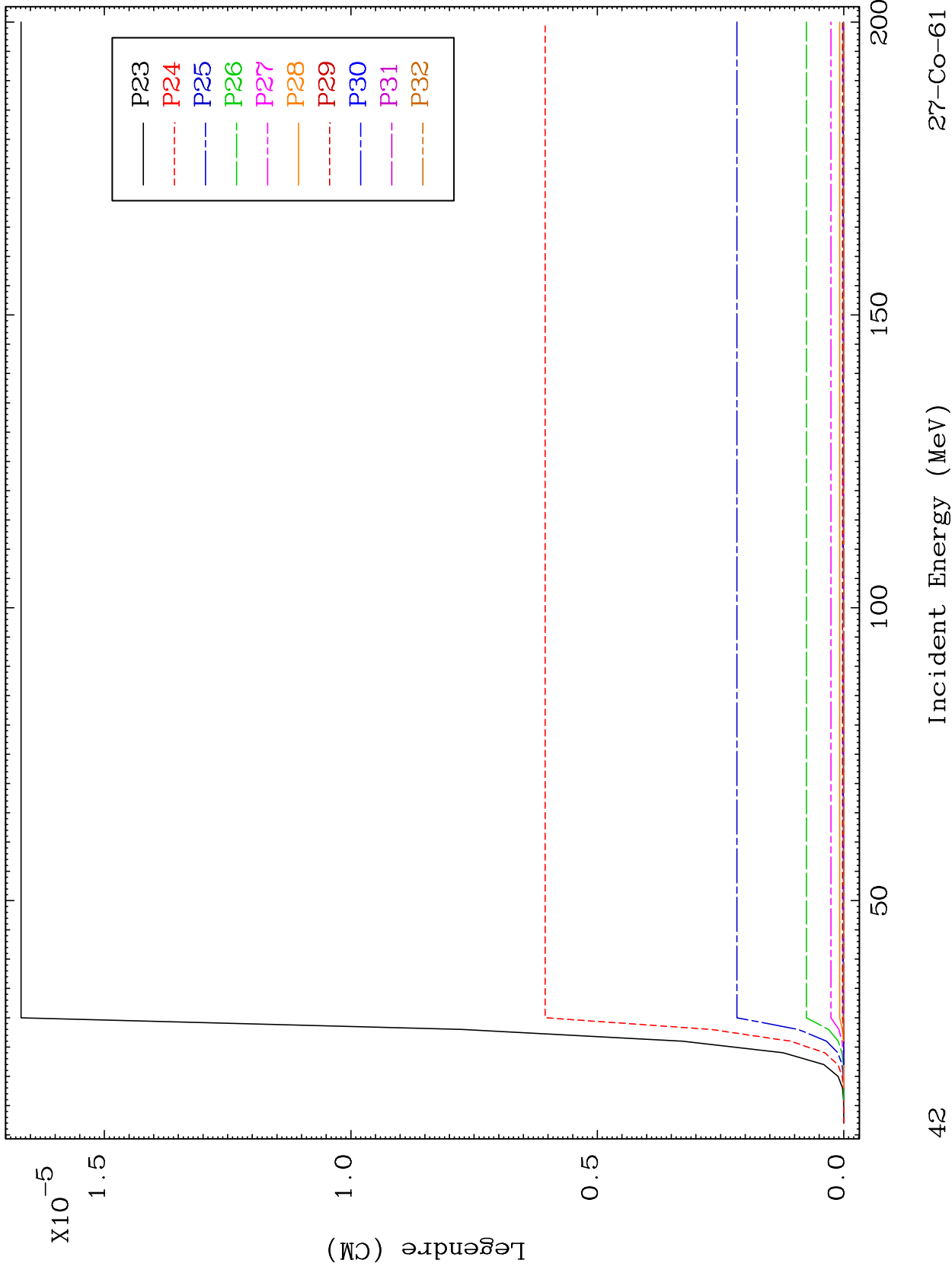
41

27-Co-61

MAT 2731

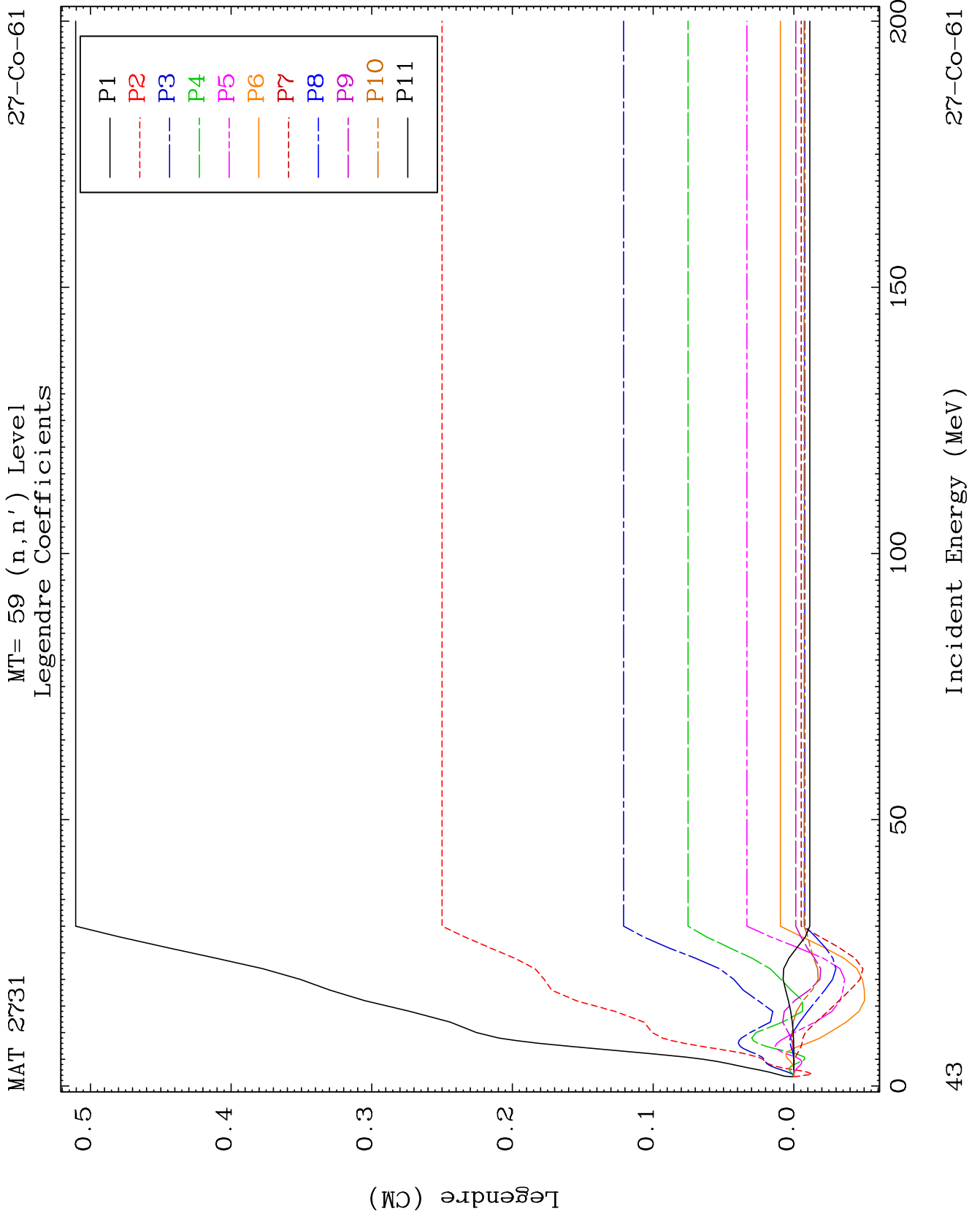
MT= 58 (n,n') Level  
Legendre Coefficients

27-Co-61



42

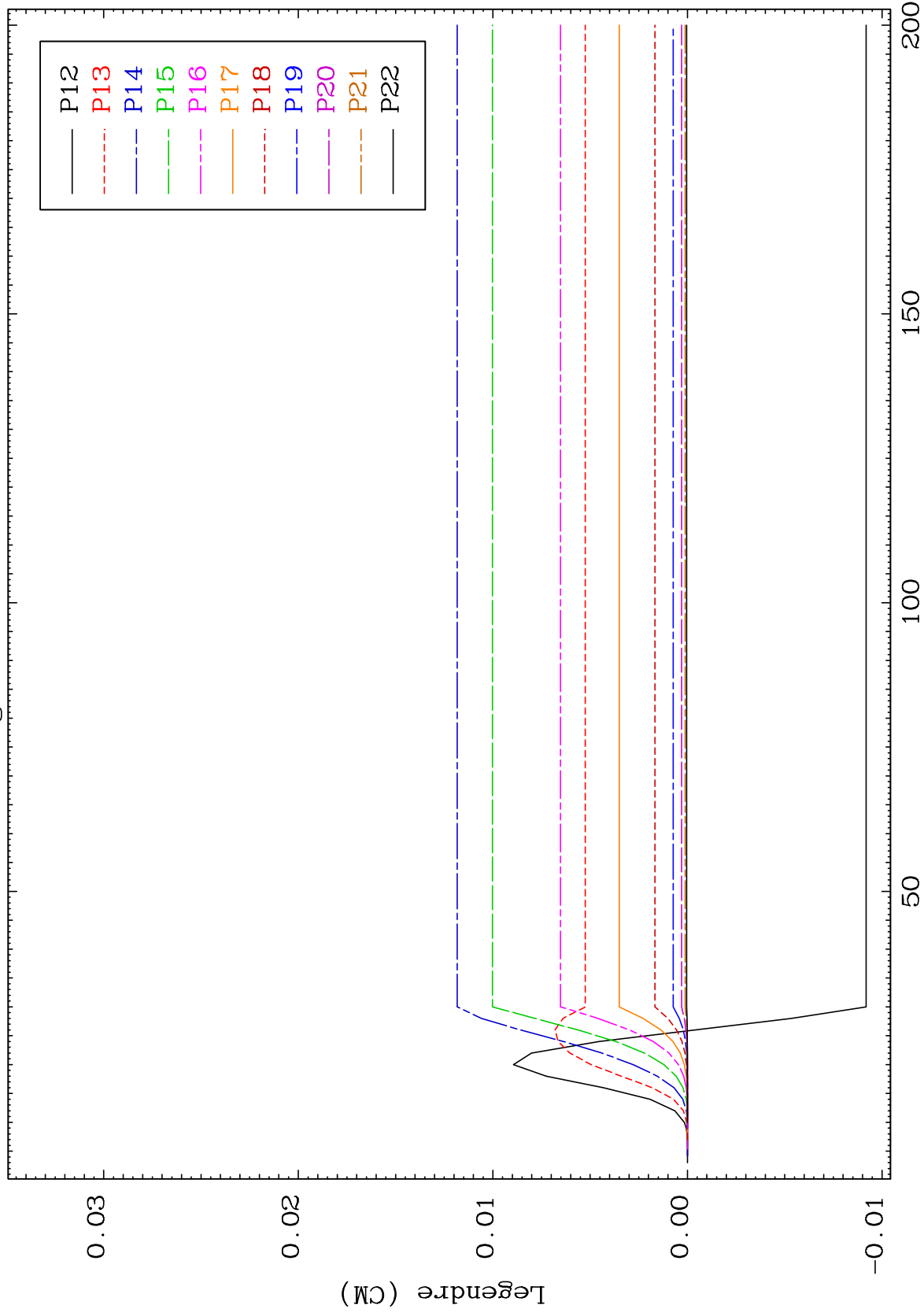
27-Co-61



MAT 2731

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

27-Co-61



44

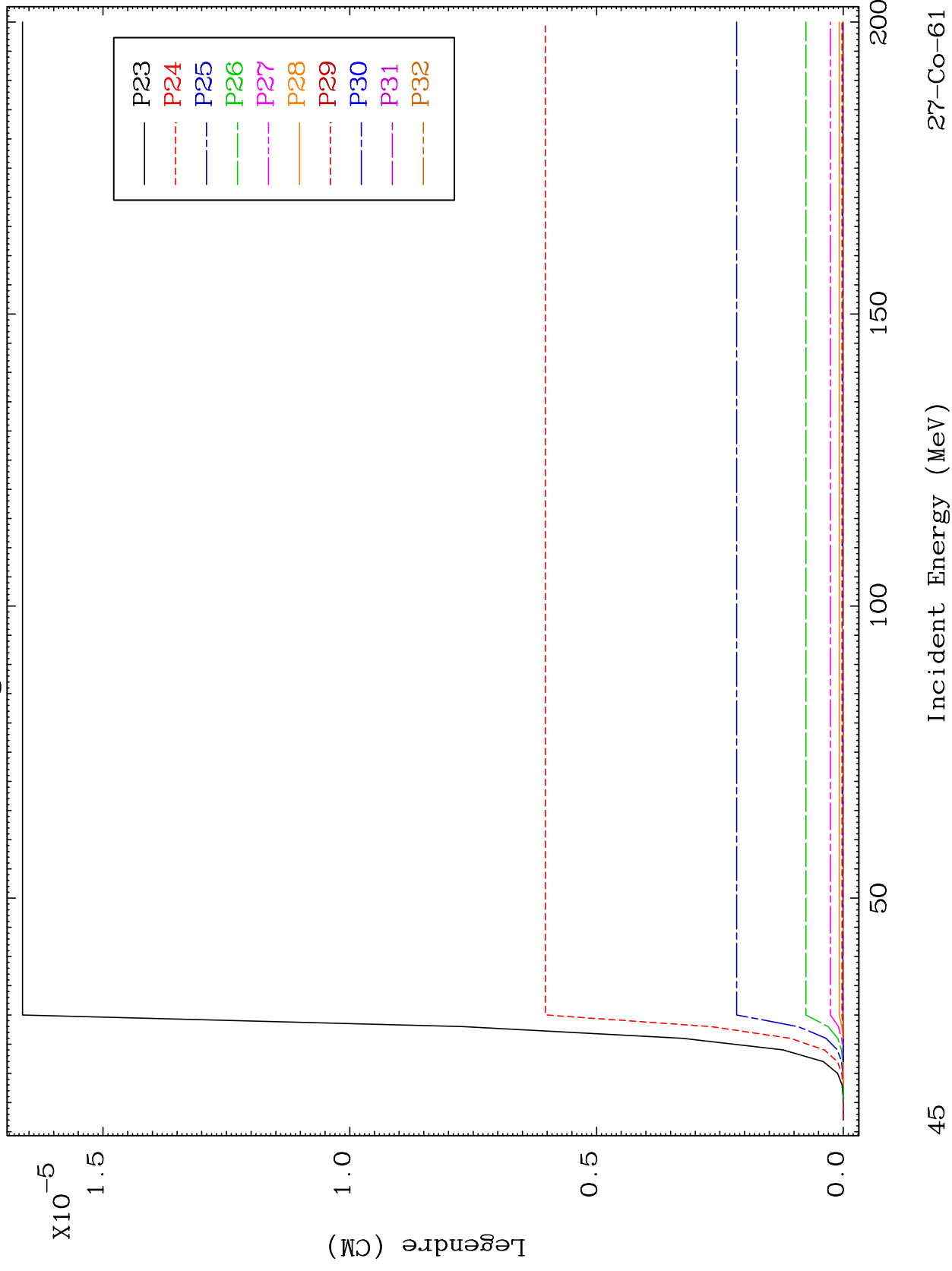
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61

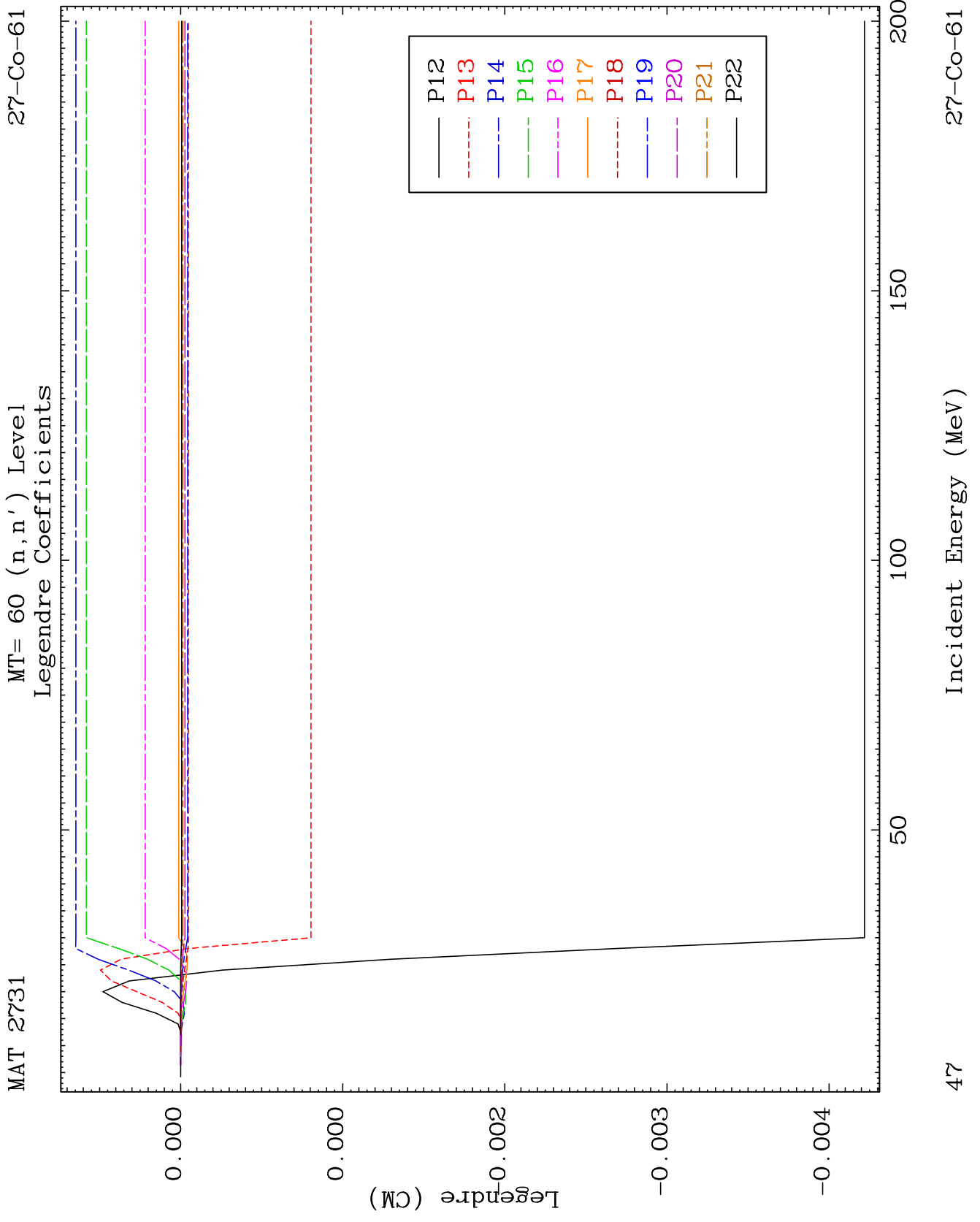


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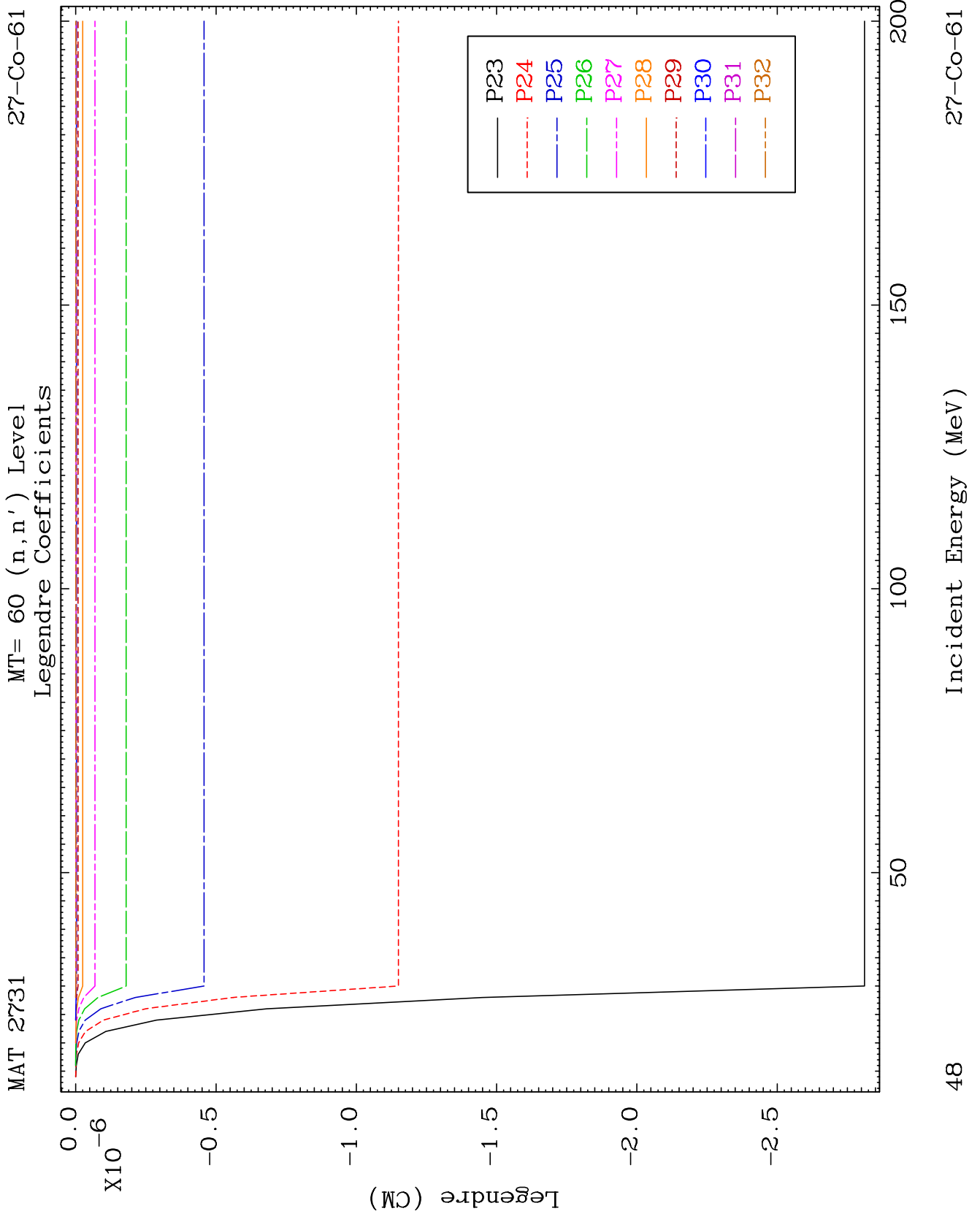
Incident Energy (MeV)

27-Co-61





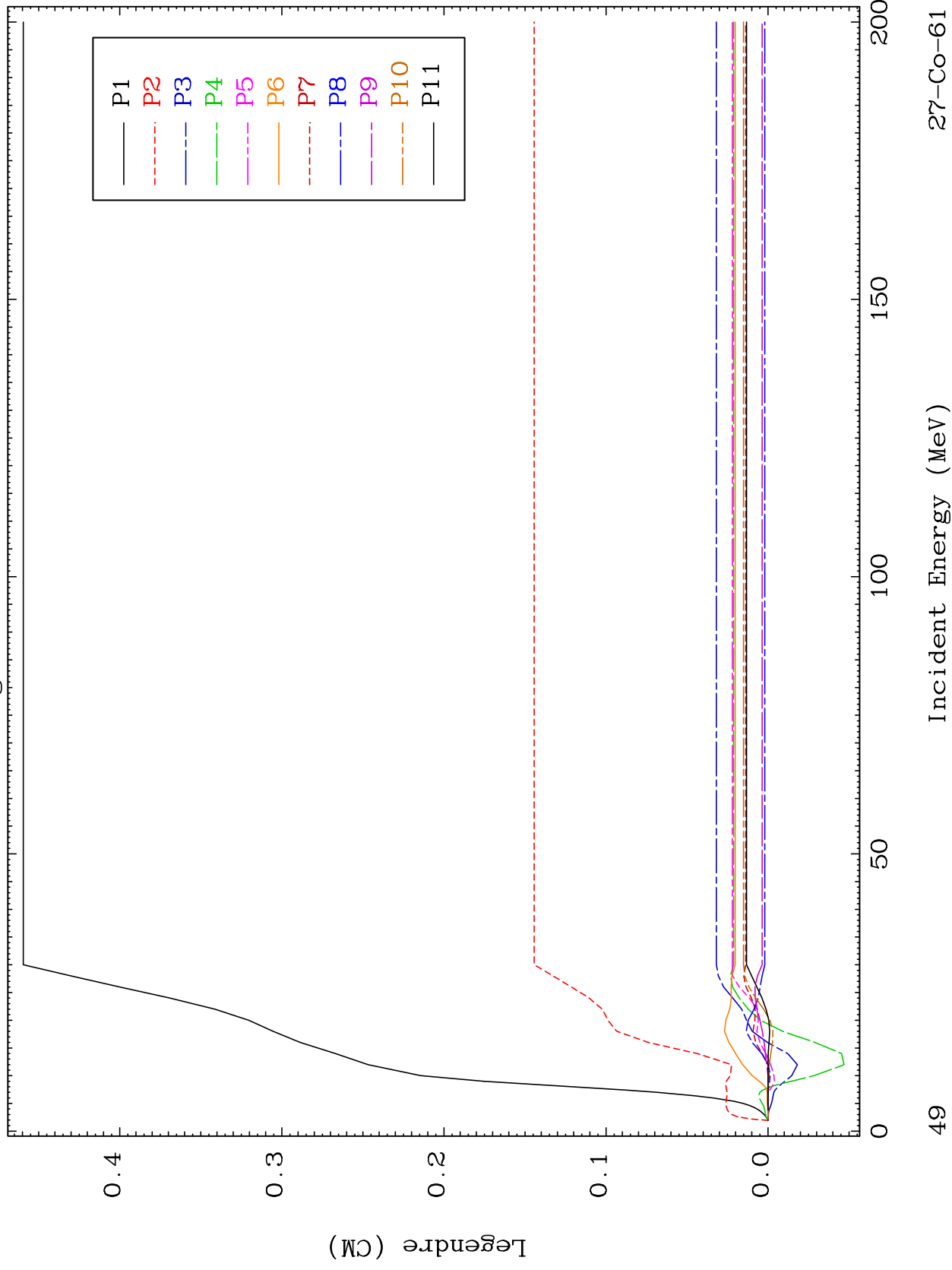




MAT 2731

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

27-Co-61



27-Co-61

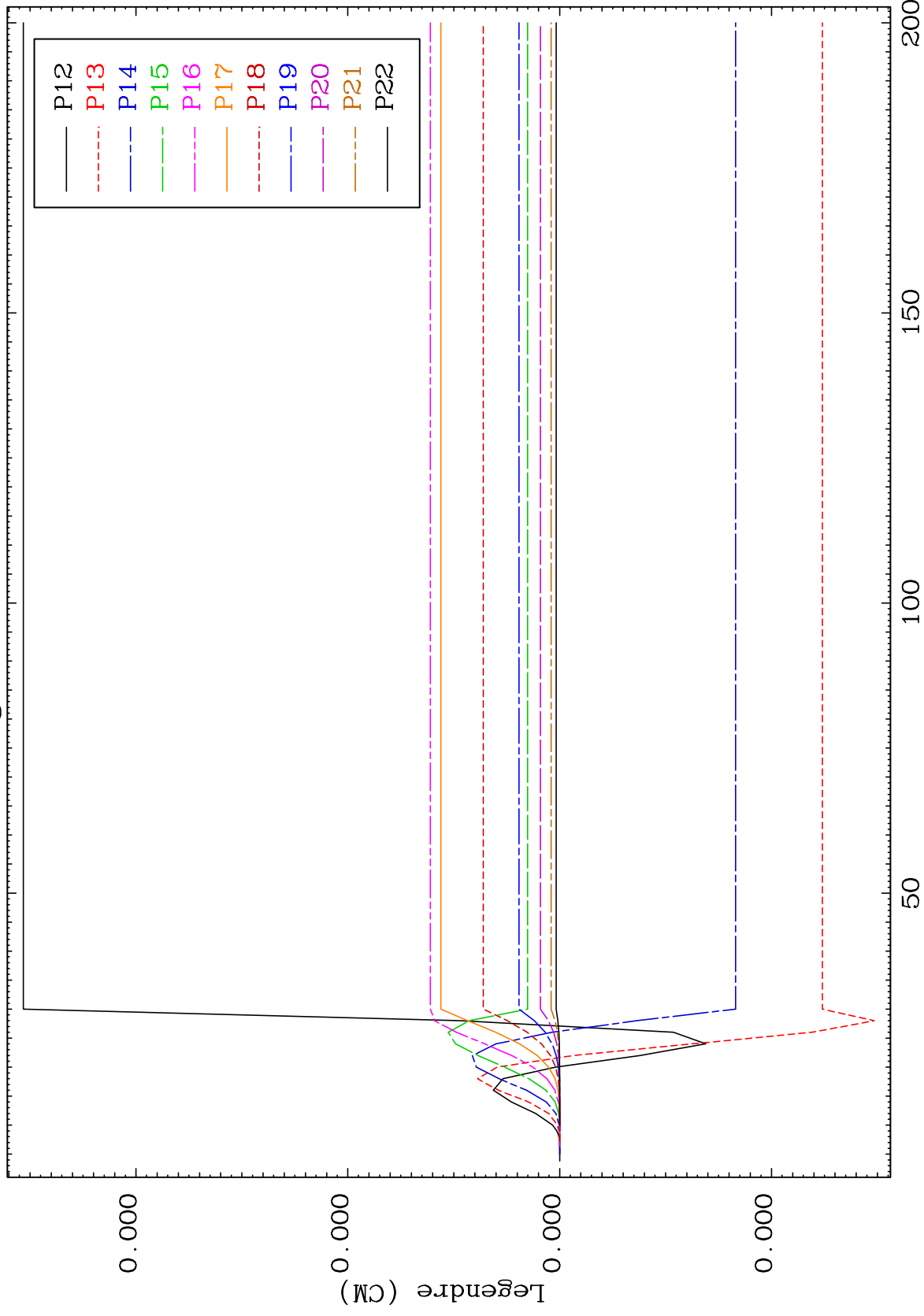
Incident Energy (MeV)

49

MAT 2731

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

27-Co-61



50

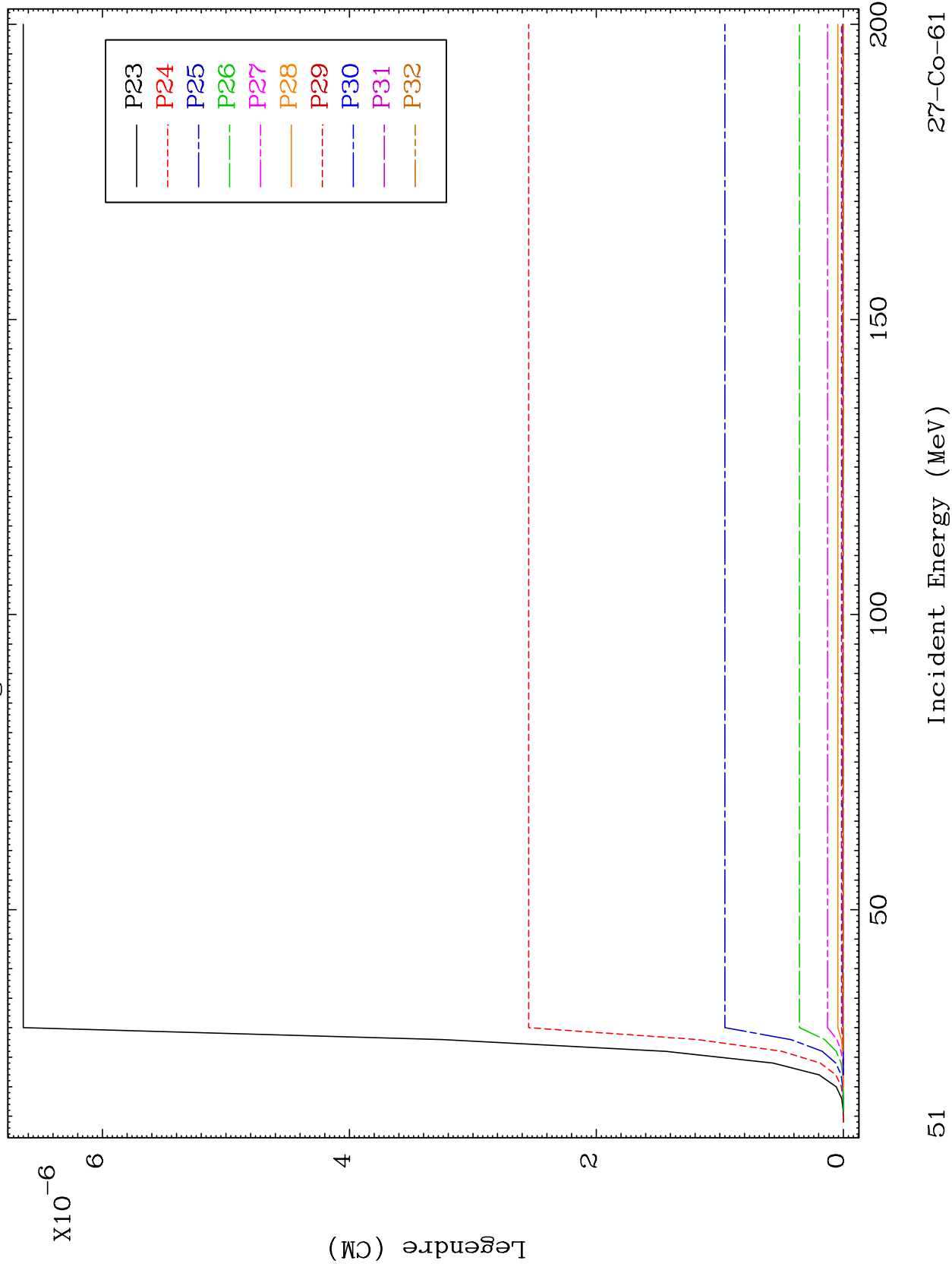
Incident Energy (MeV)

27-Co-61

MAT 2731

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

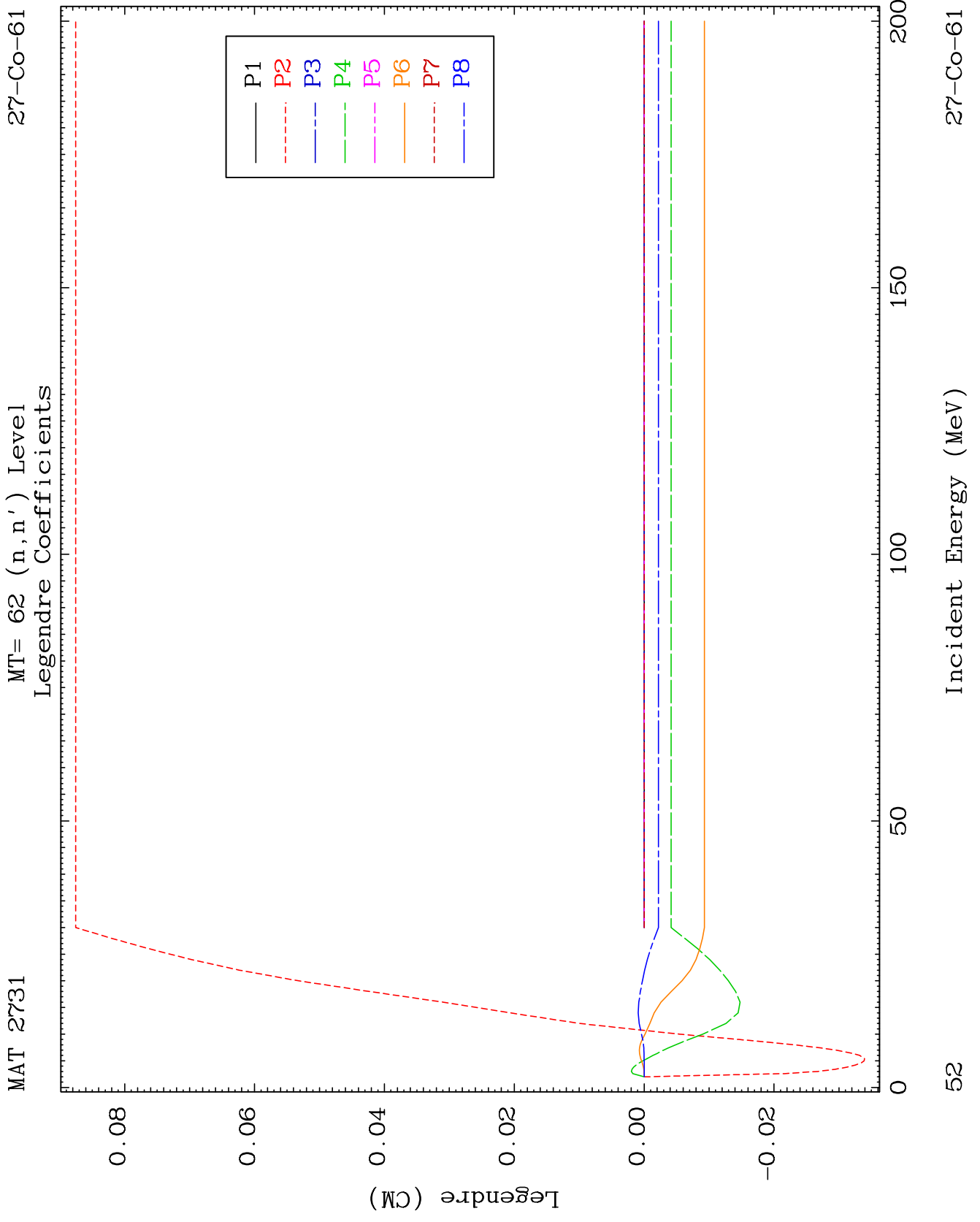
27-Co-61



51

Incident Energy (MeV)

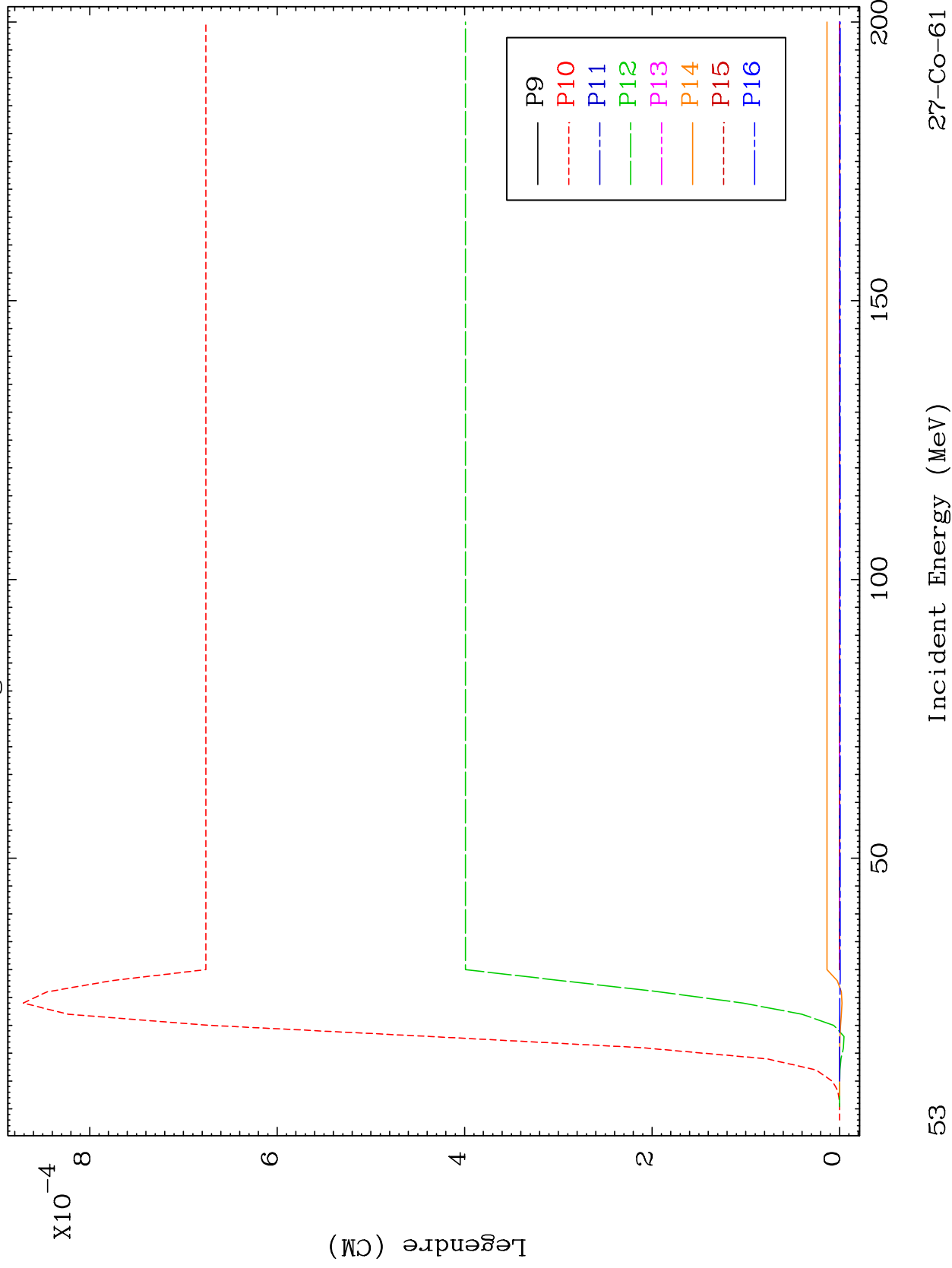
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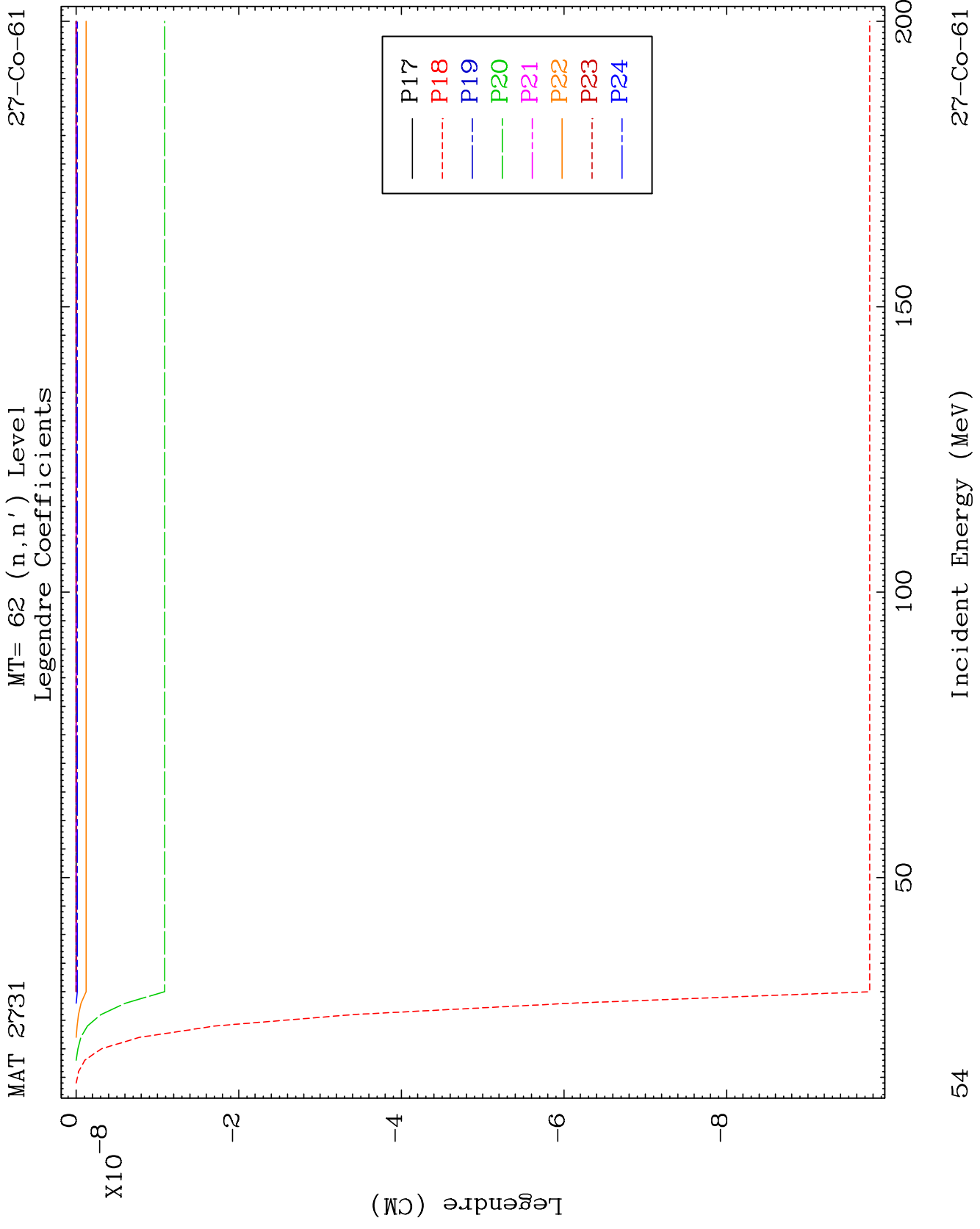


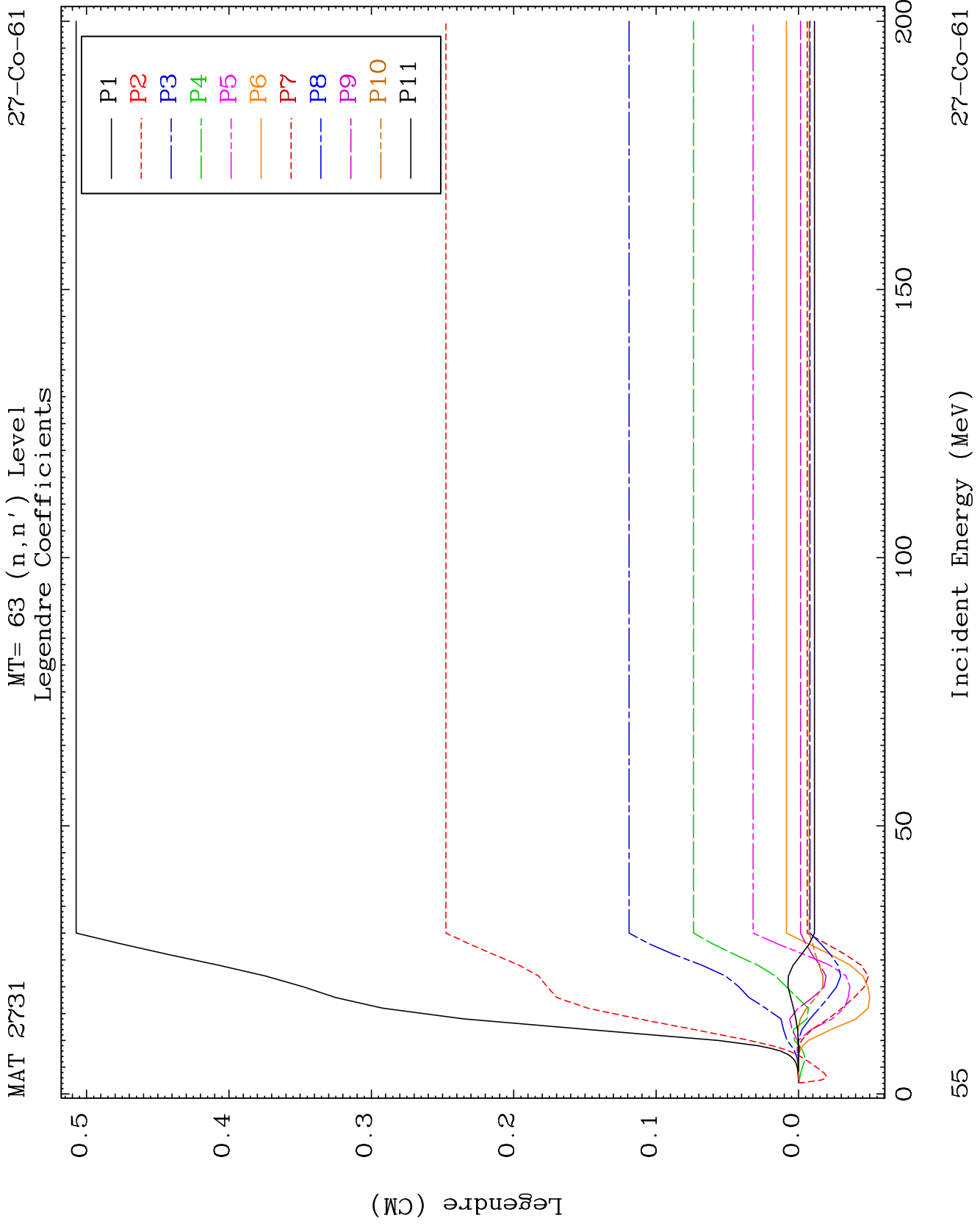
MAT 2731

27-Co-61

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





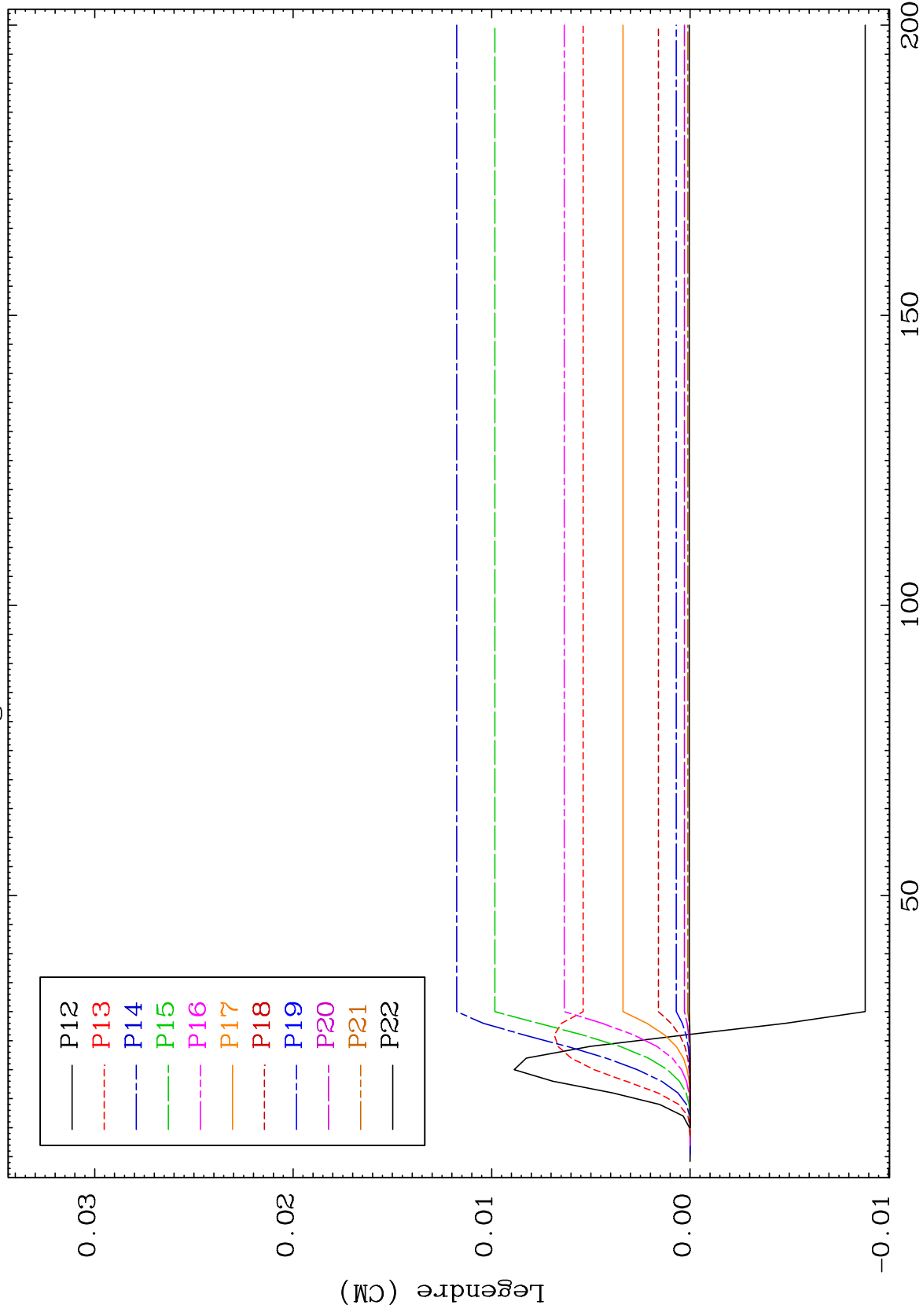




MAT 2731

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

27-Co-61



56

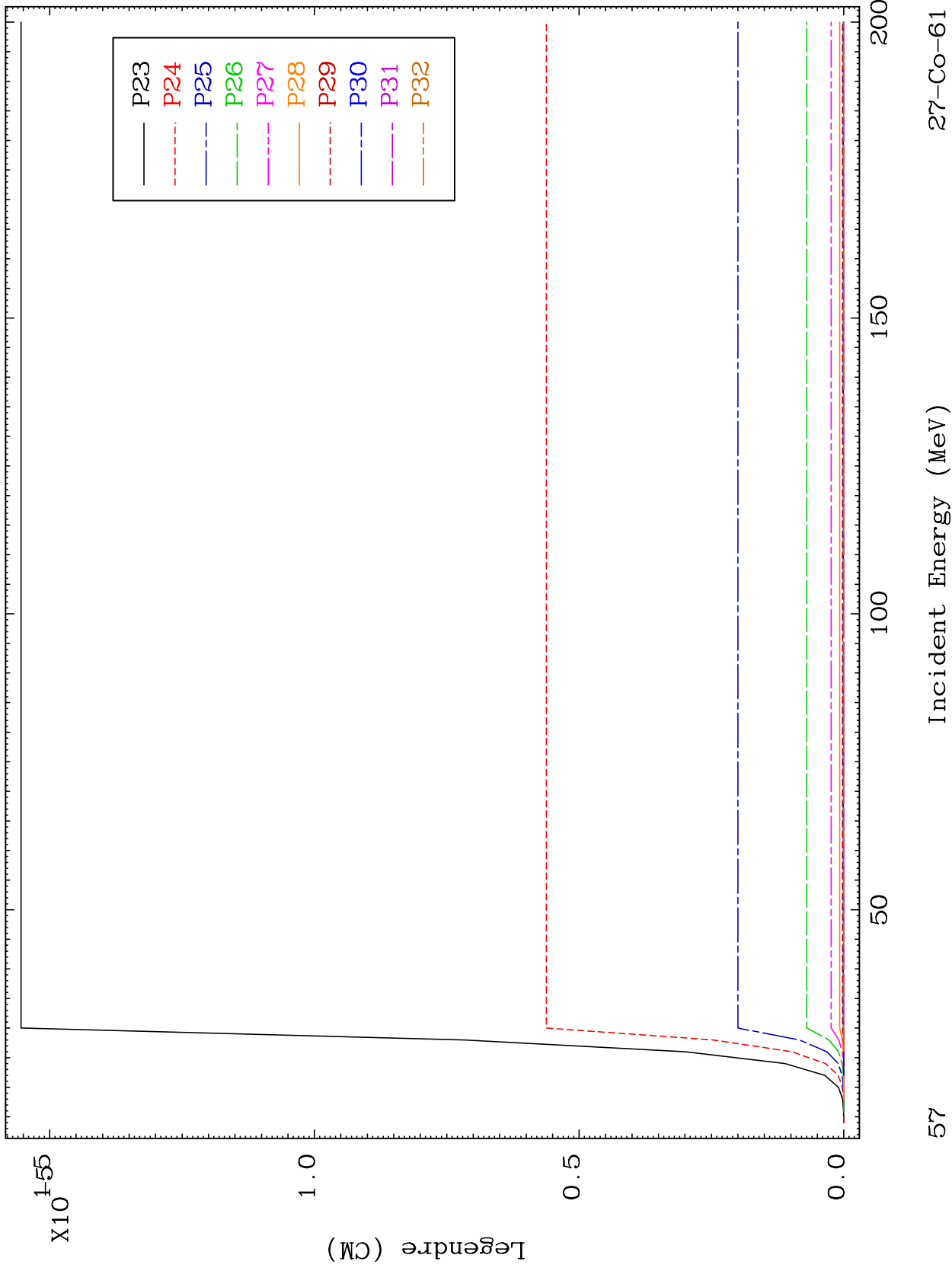
Incident Energy (MeV)

27-Co-61

MAT 2731

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

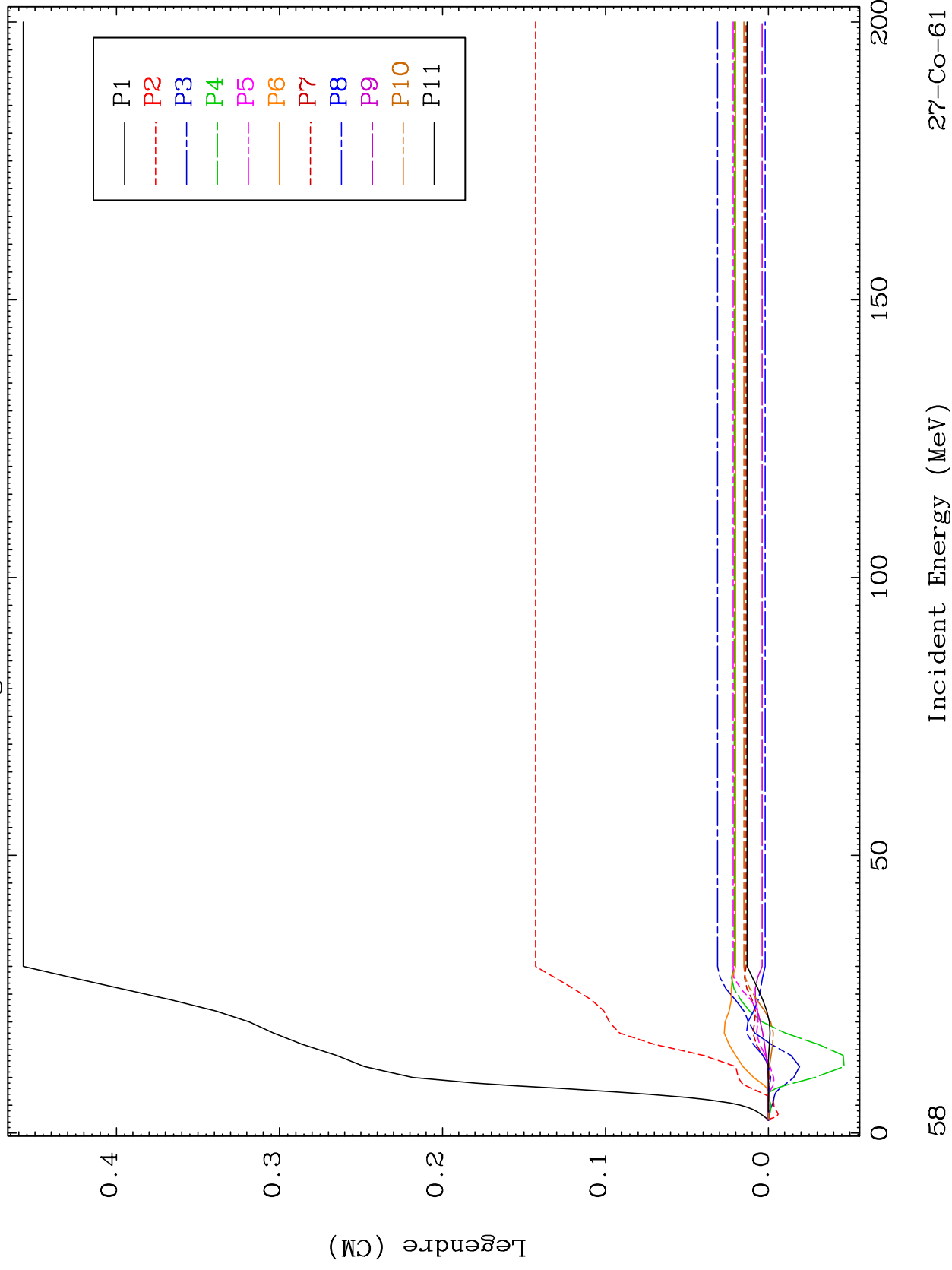
27-Co-61



MAT 2731

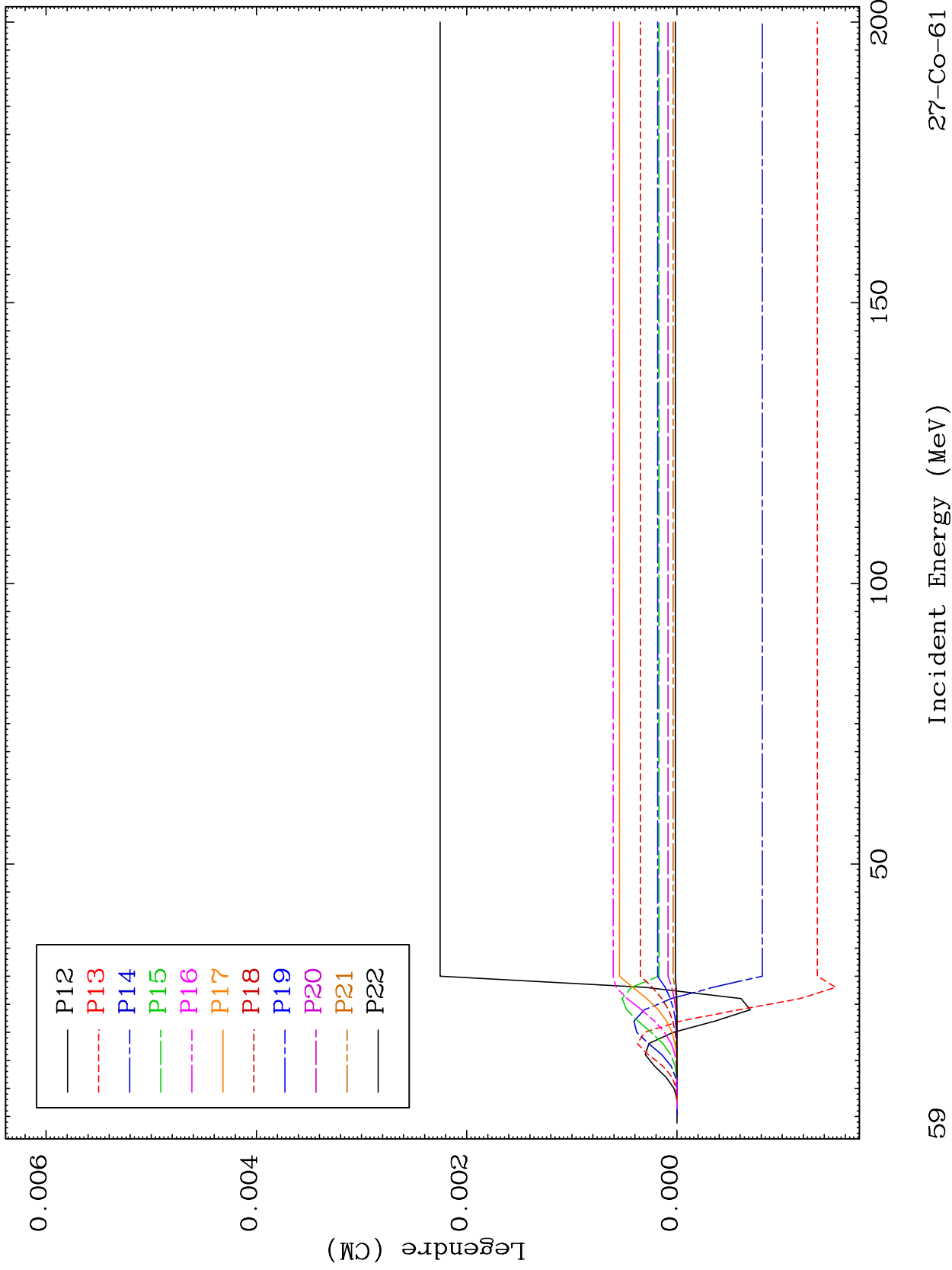
MT= 64 (n,n') Level  
Legendre Coefficients

27-Co-61



58

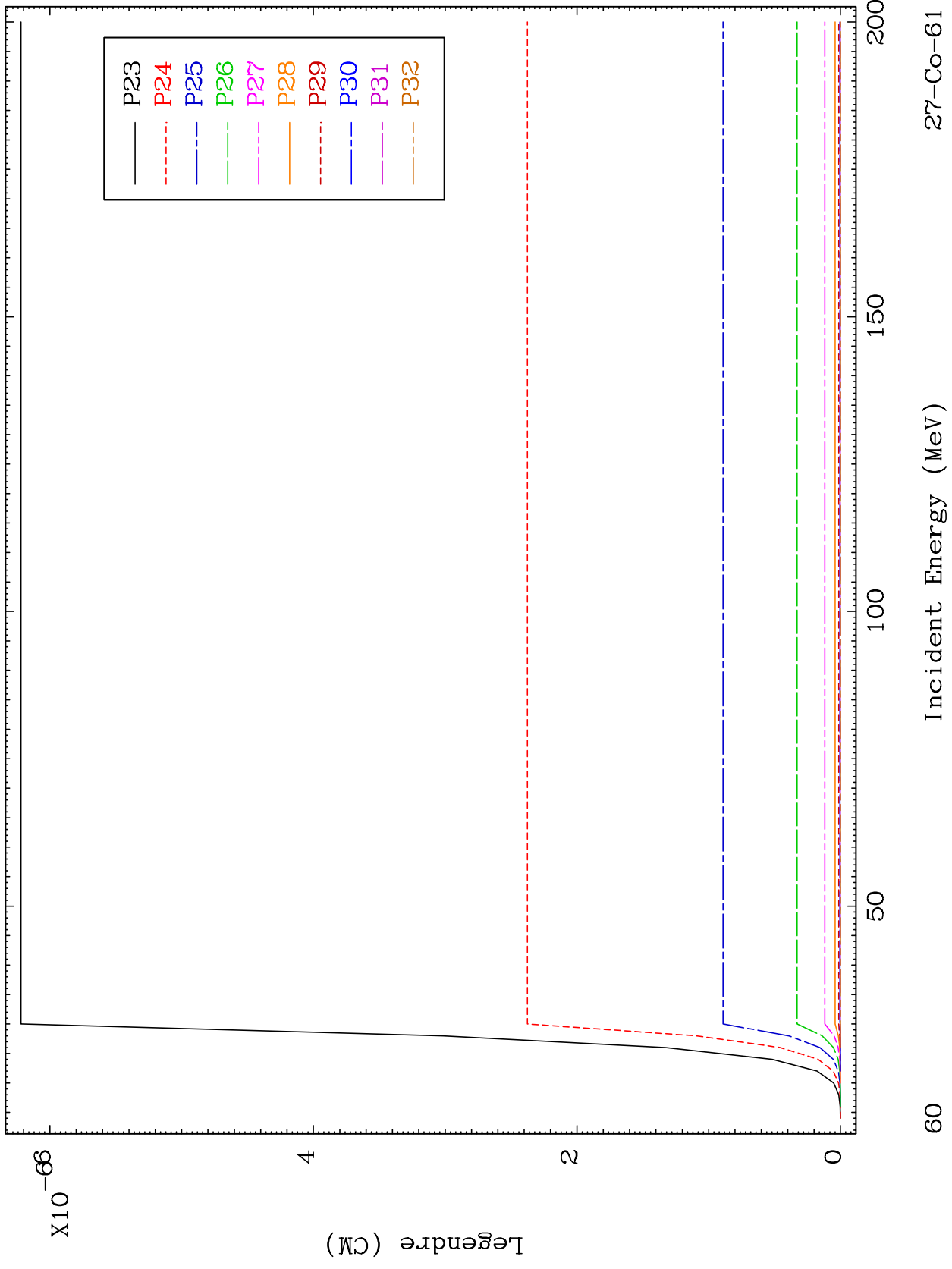
27-Co-61



MAT 2731

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

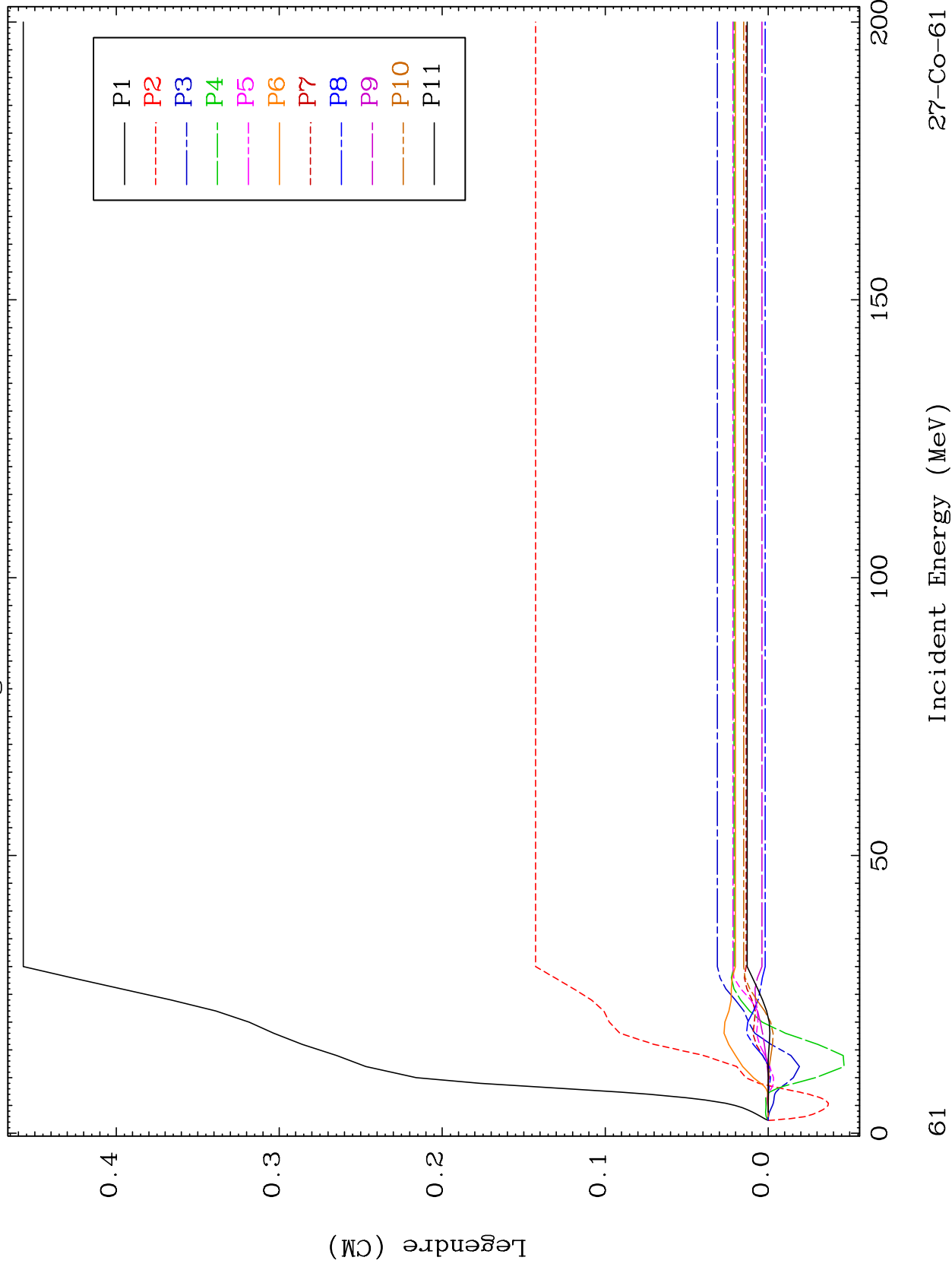
27-Co-61



MAT 2731

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

27-Co-61



27-Co-61

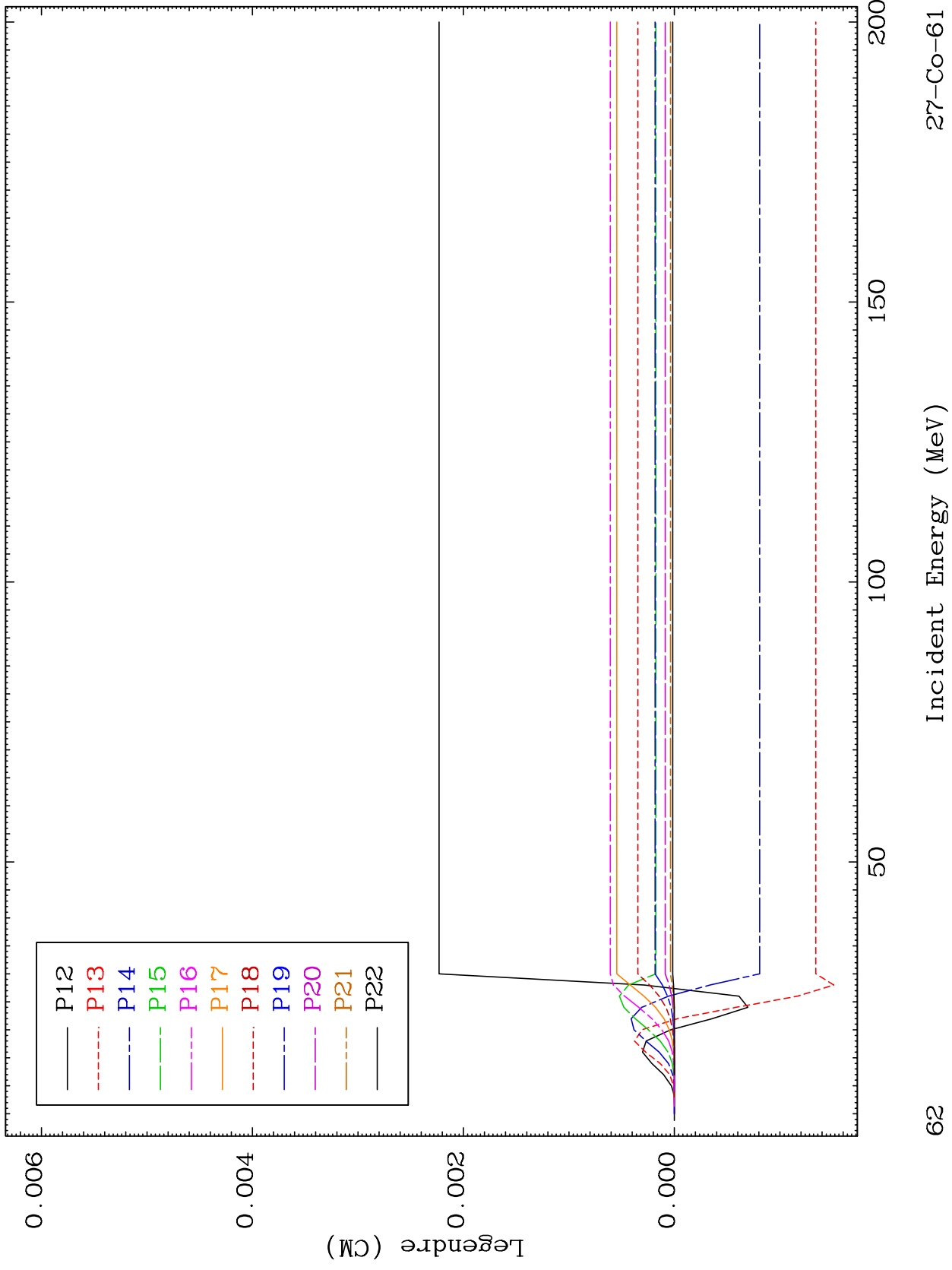
Incident Energy (MeV)

61

MAT 2731

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

27-Co-61



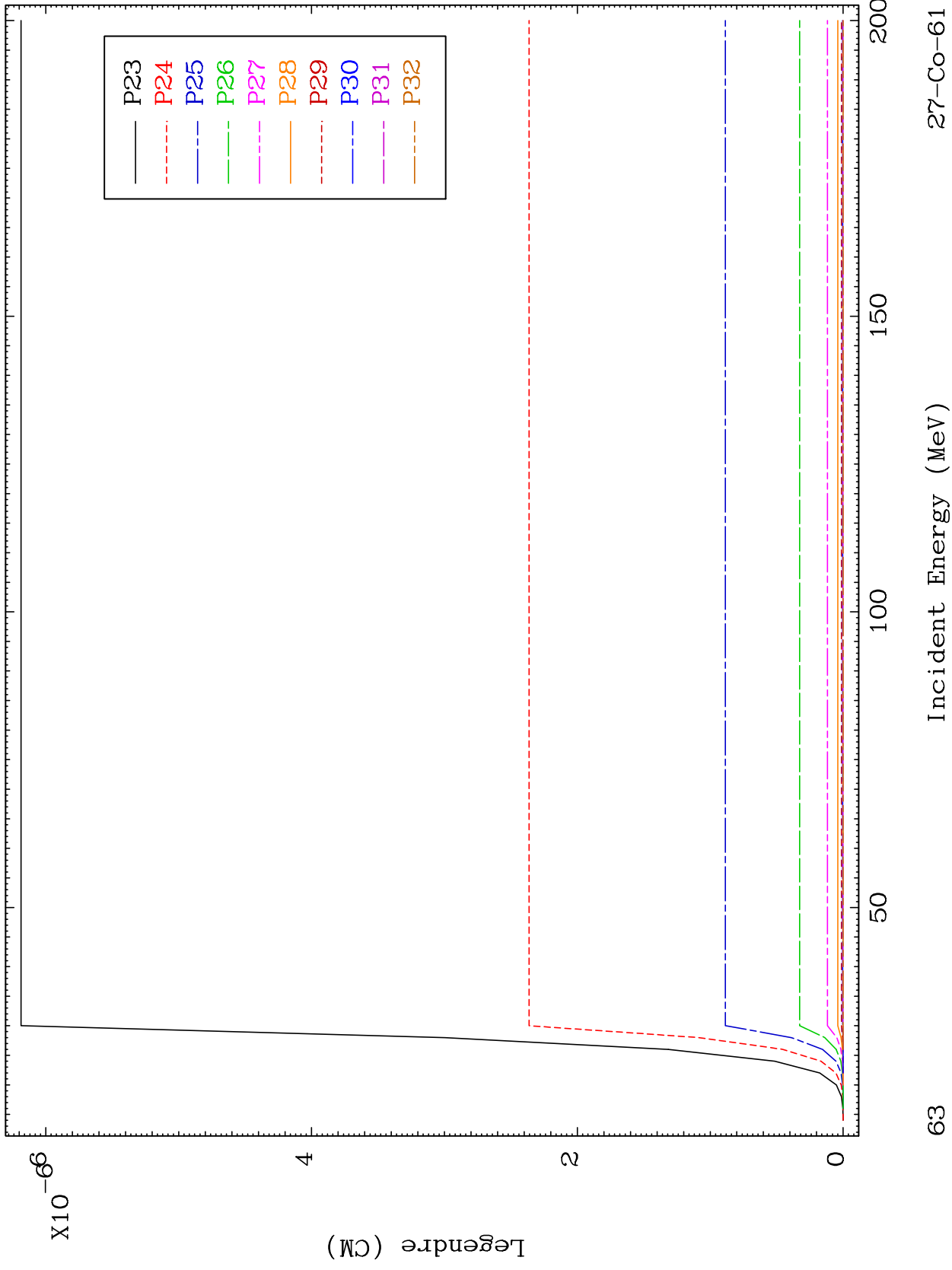
62

27-Co-61

MAT 2731

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

27-Co-61



63

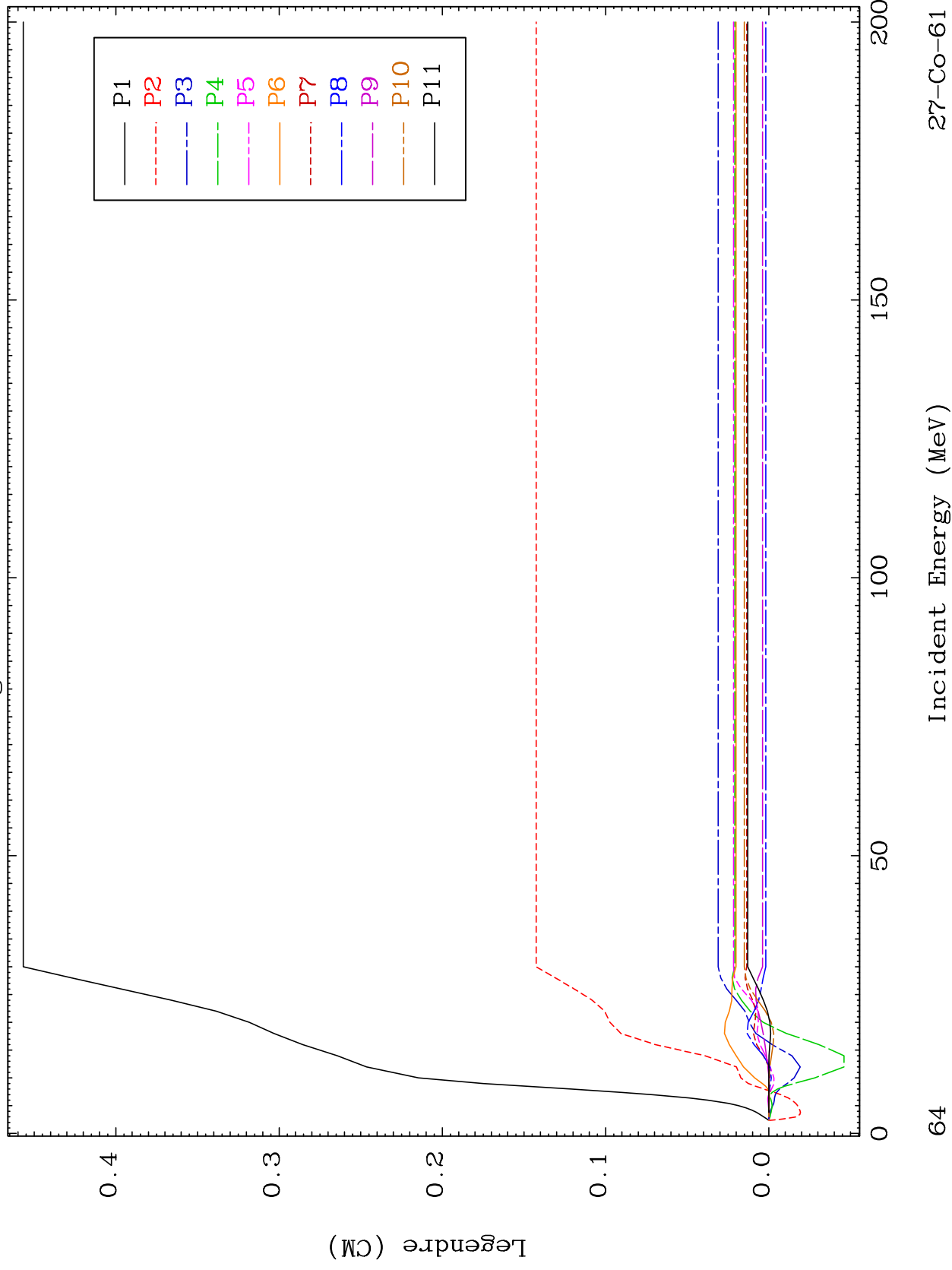
27-Co-61



MAT 2731

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

27-Co-61



27-Co-61

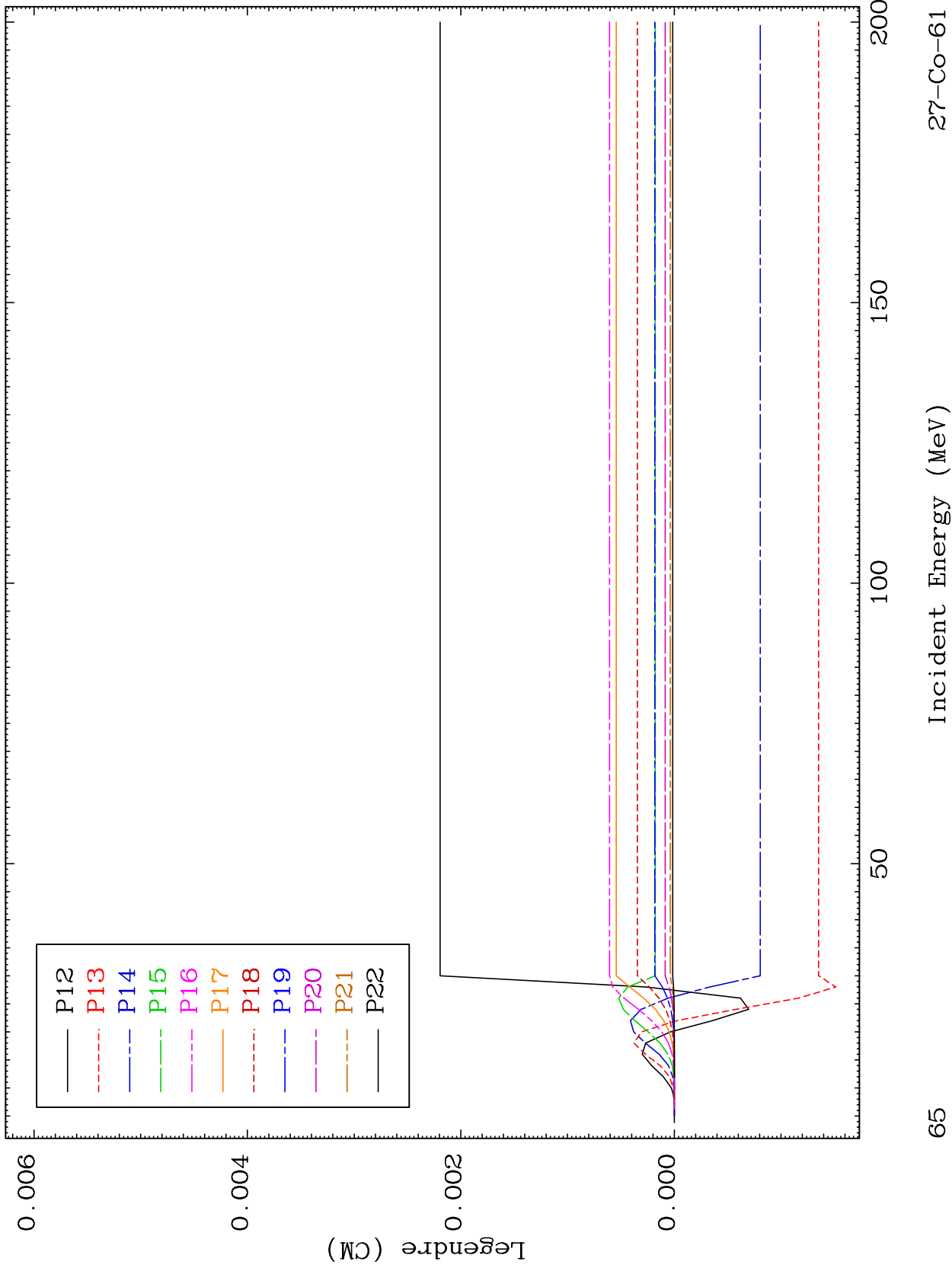
Incident Energy (MeV)

64

MAT 2731

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

27-Co-61



65

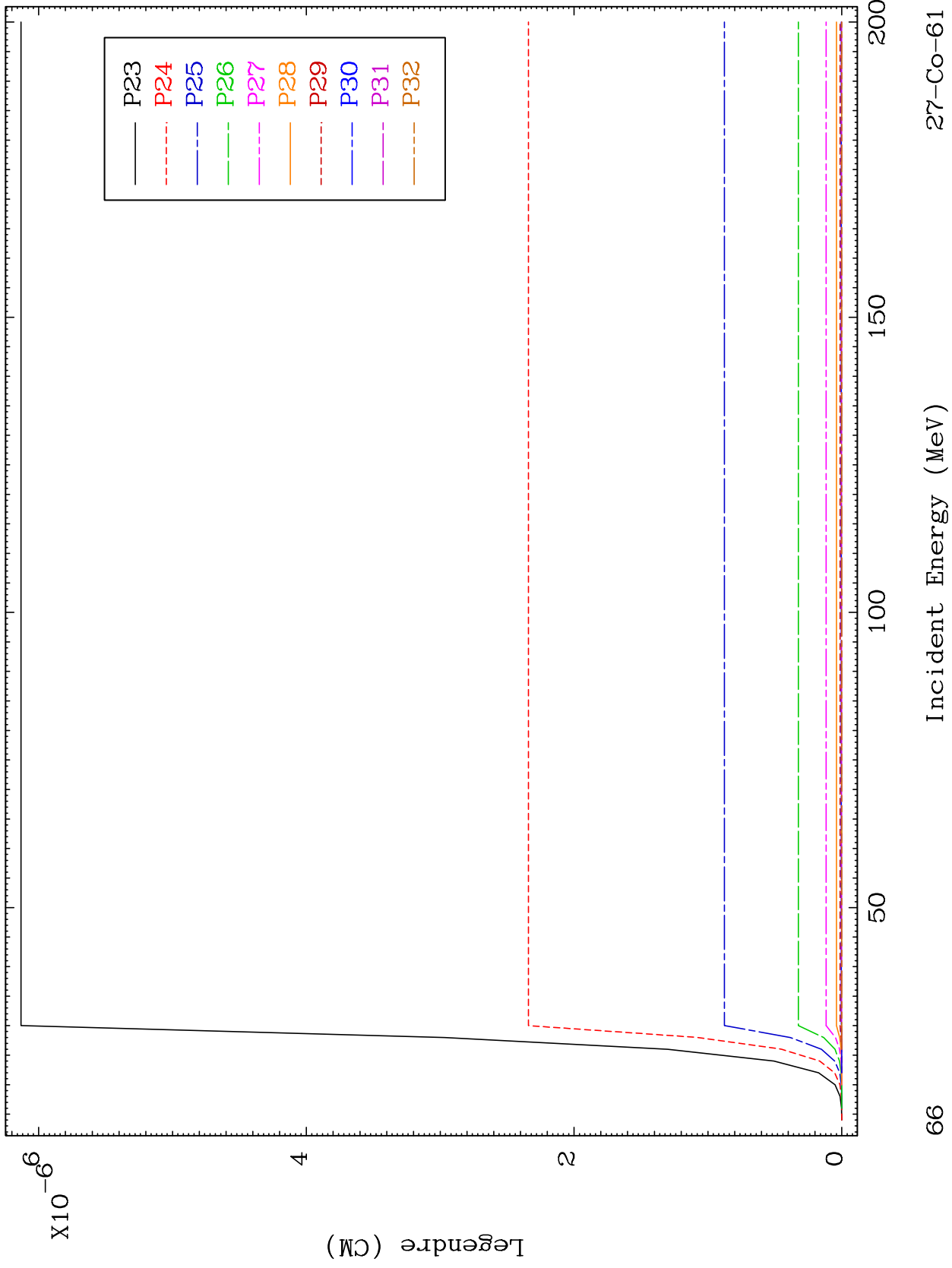
Incident Energy (MeV)

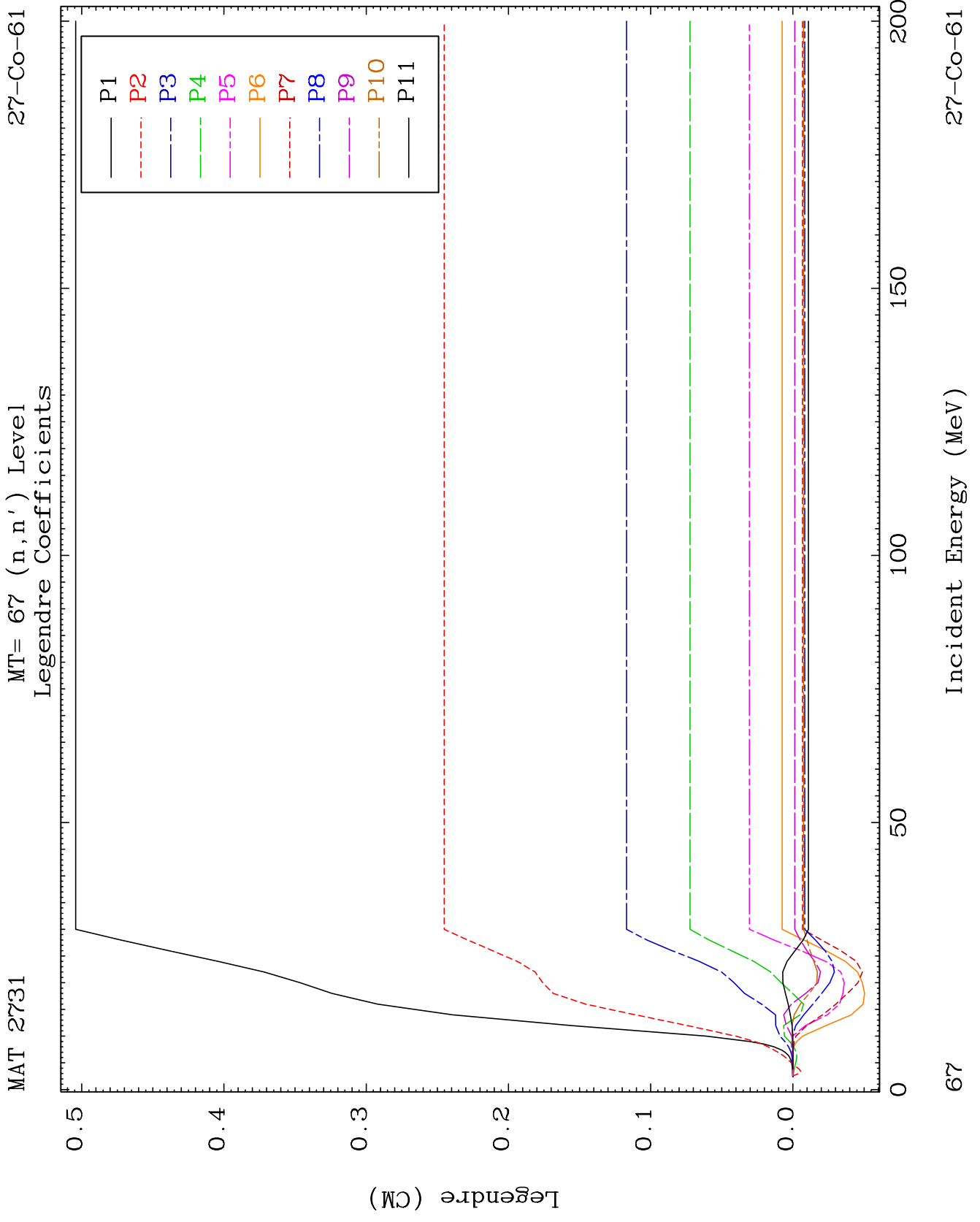
27-Co-61

MAT 2731

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

27-Co-61

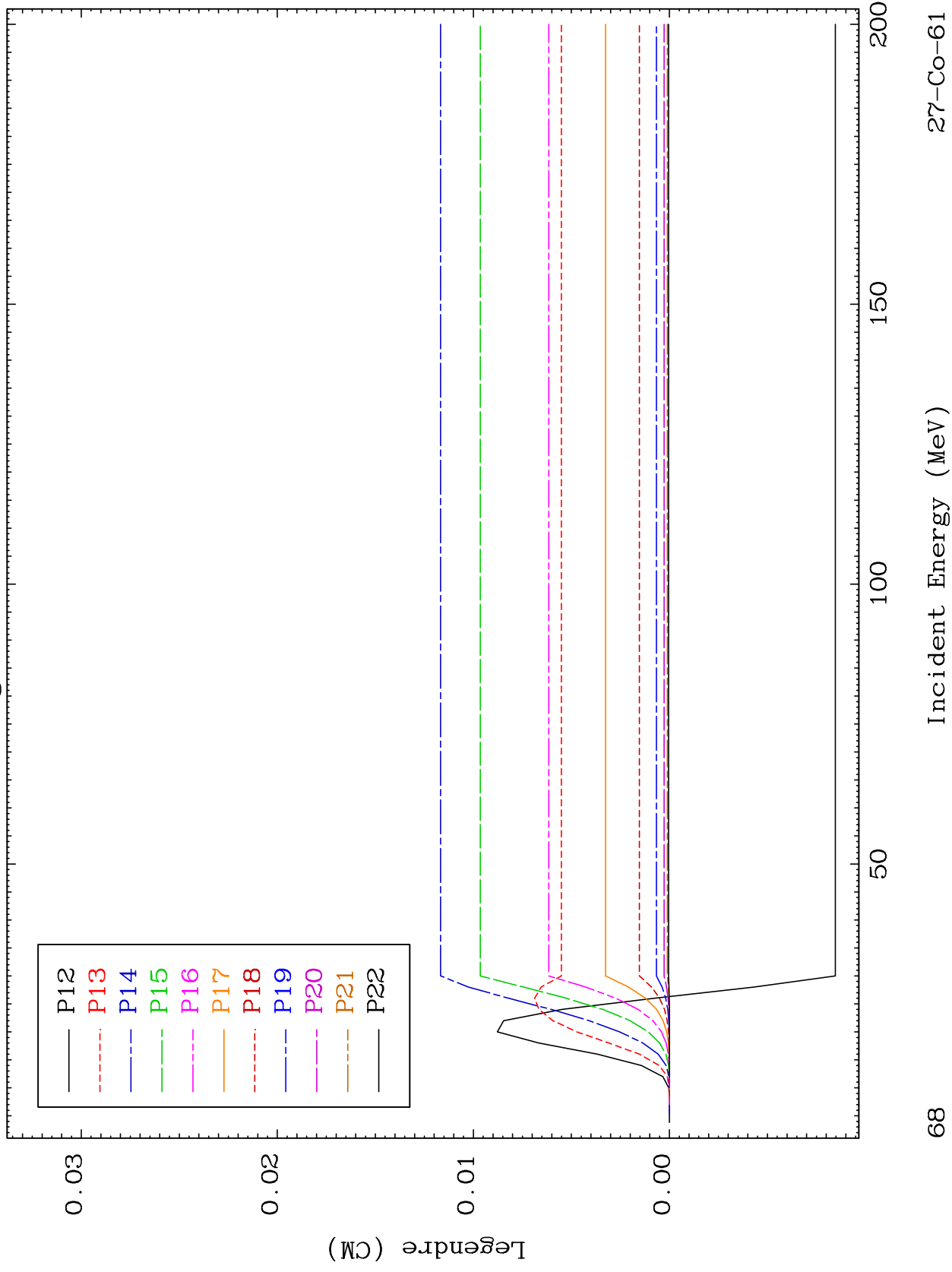




MAT 2731

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

27-Co-61



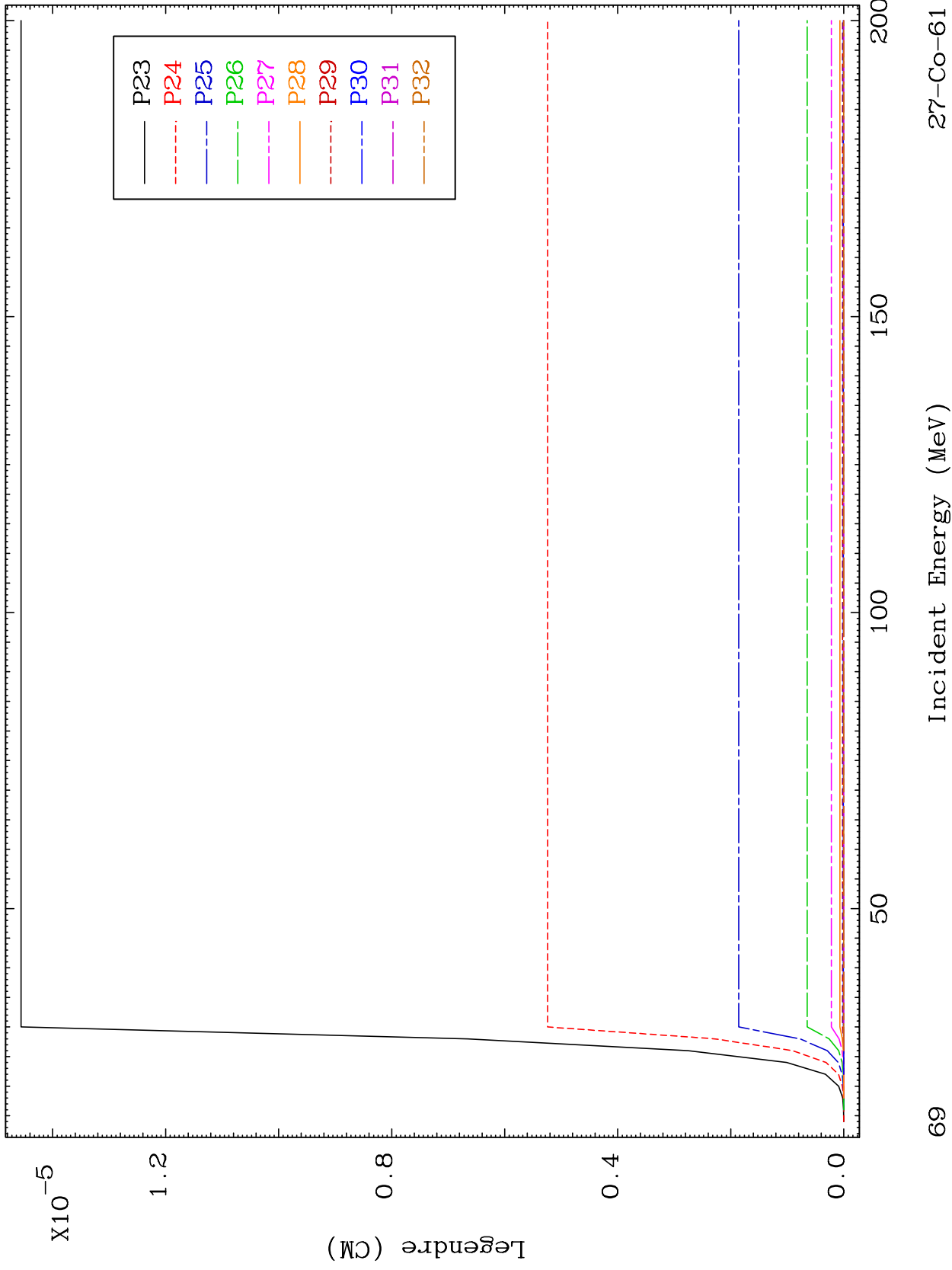
68

27-Co-61

MAT 2731

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

27-Co-61



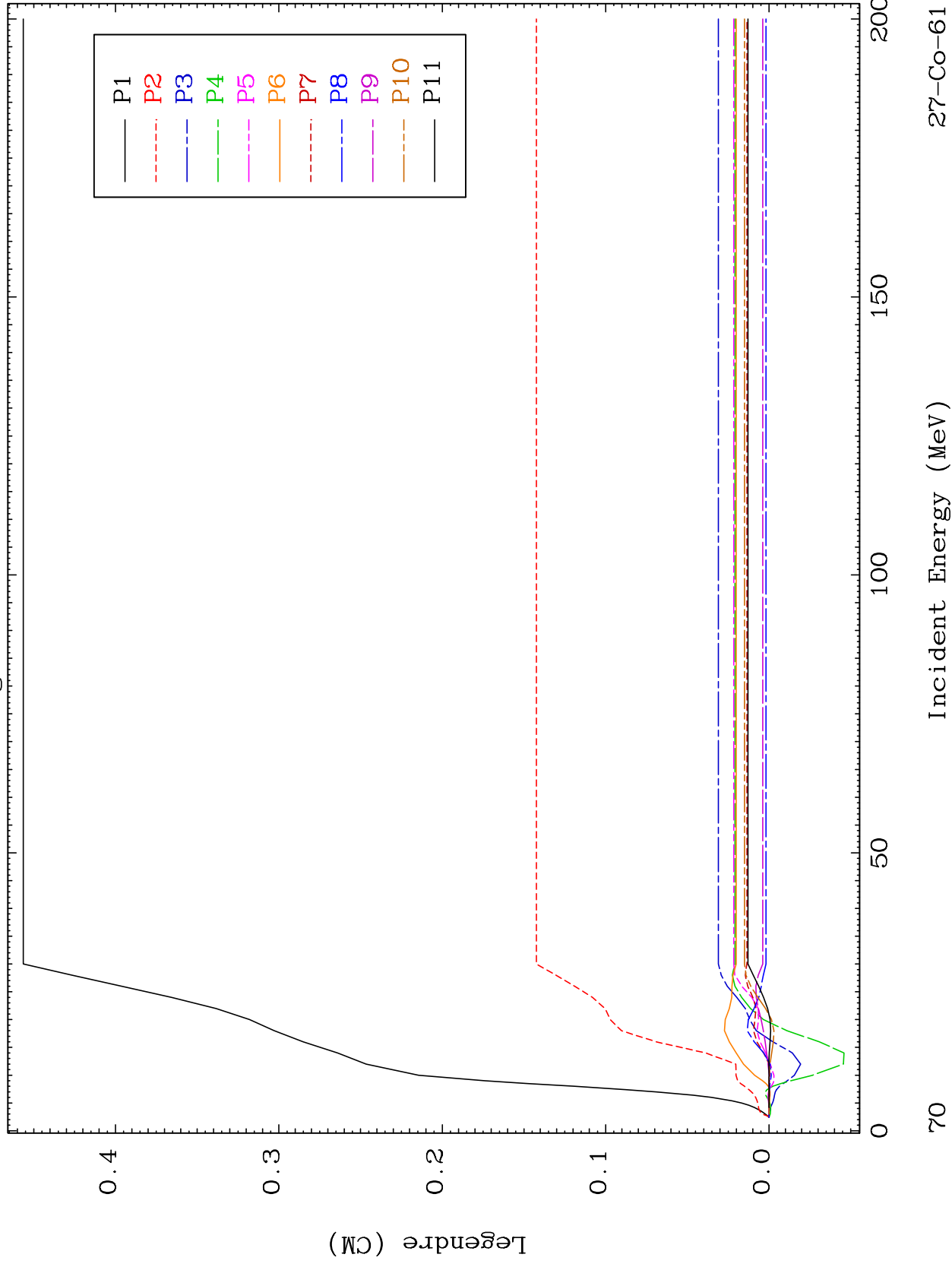
69

27-Co-61

MAT 2731

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

27-Co-61



27-Co-61

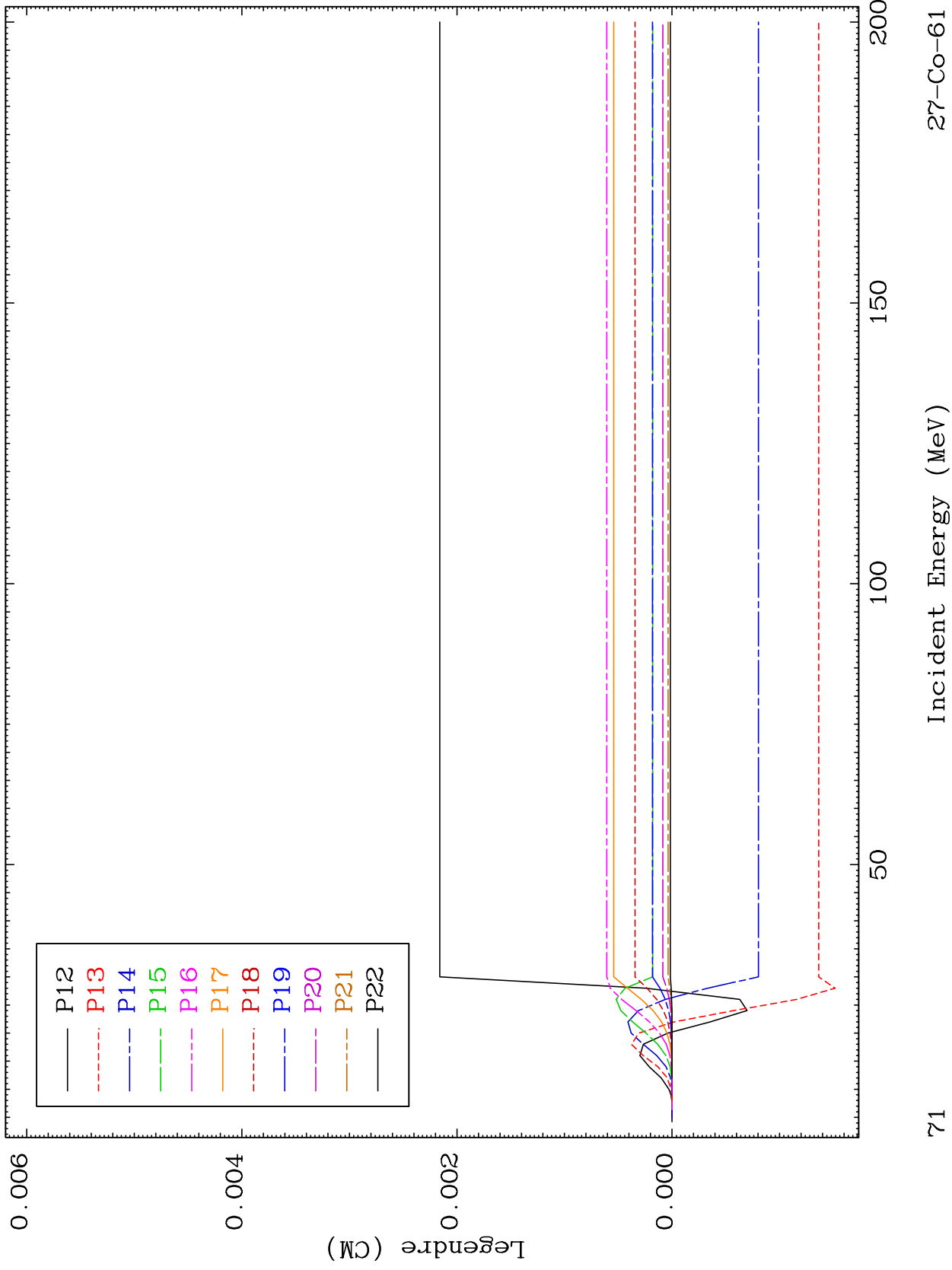
Incident Energy (MeV)

70

MAT 2731

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

27-Co-61



71

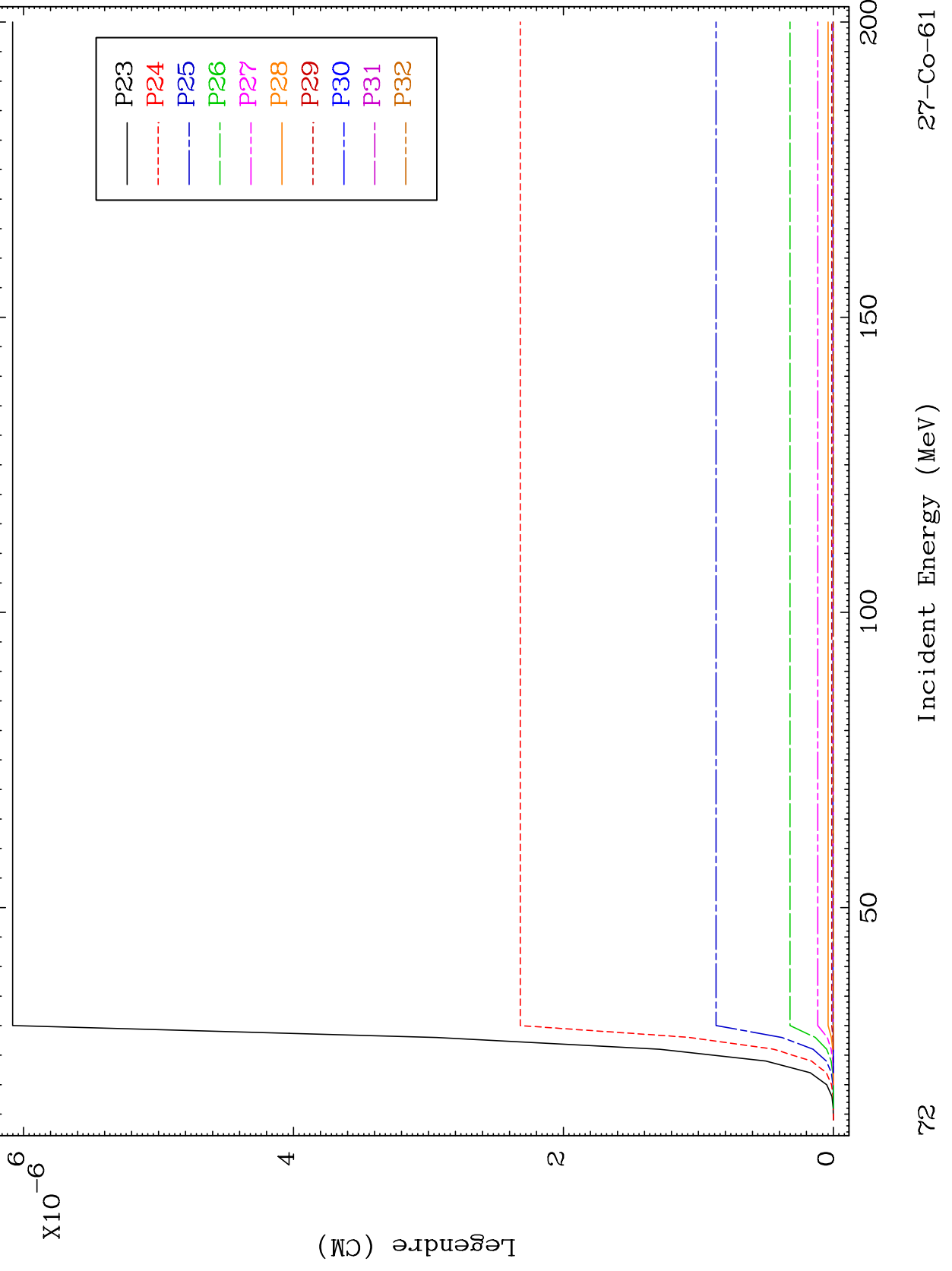
27-Co-61



MAT 2731

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

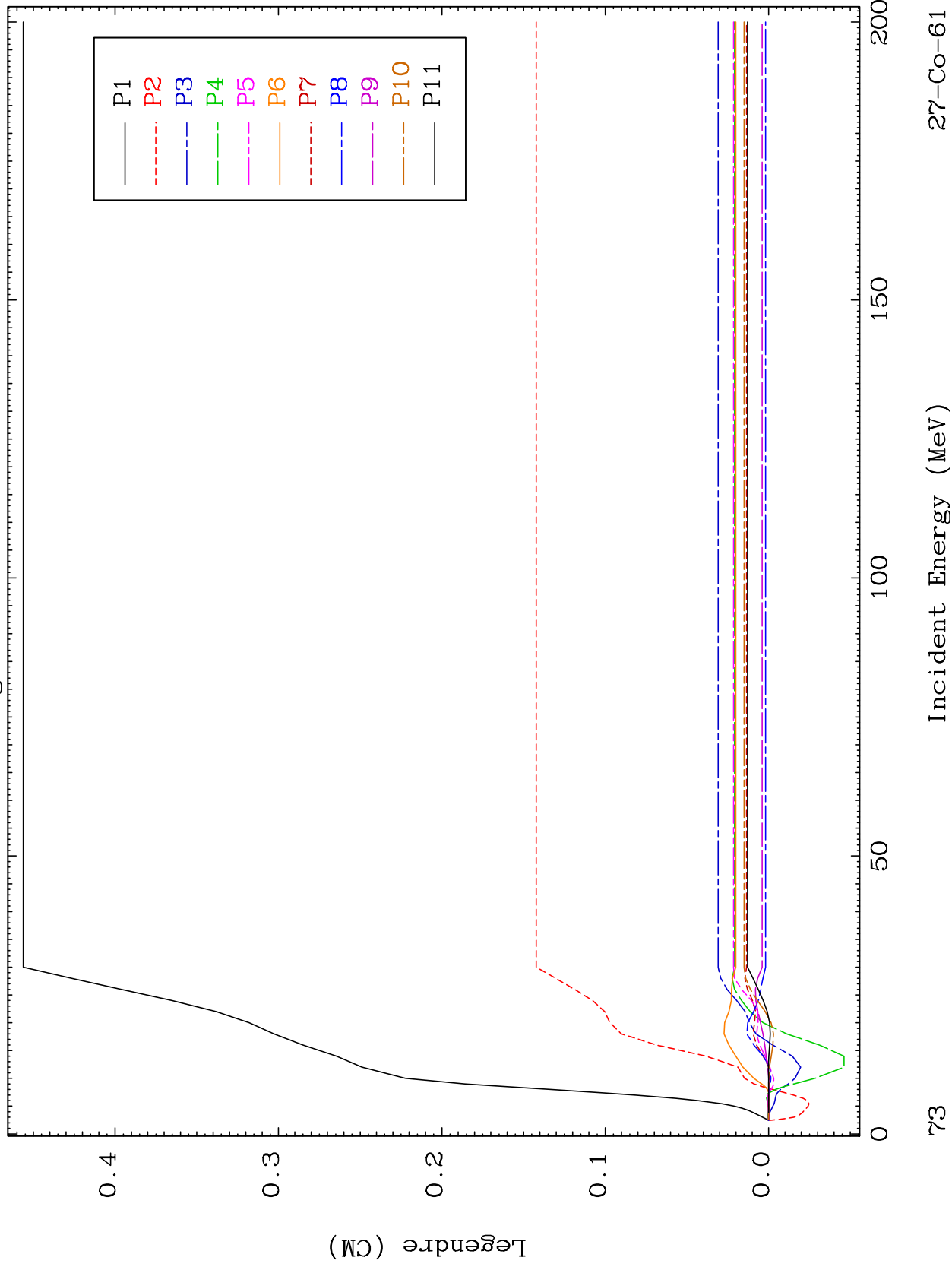
27-Co-61



MAT 2731

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

27-Co-61



27-Co-61

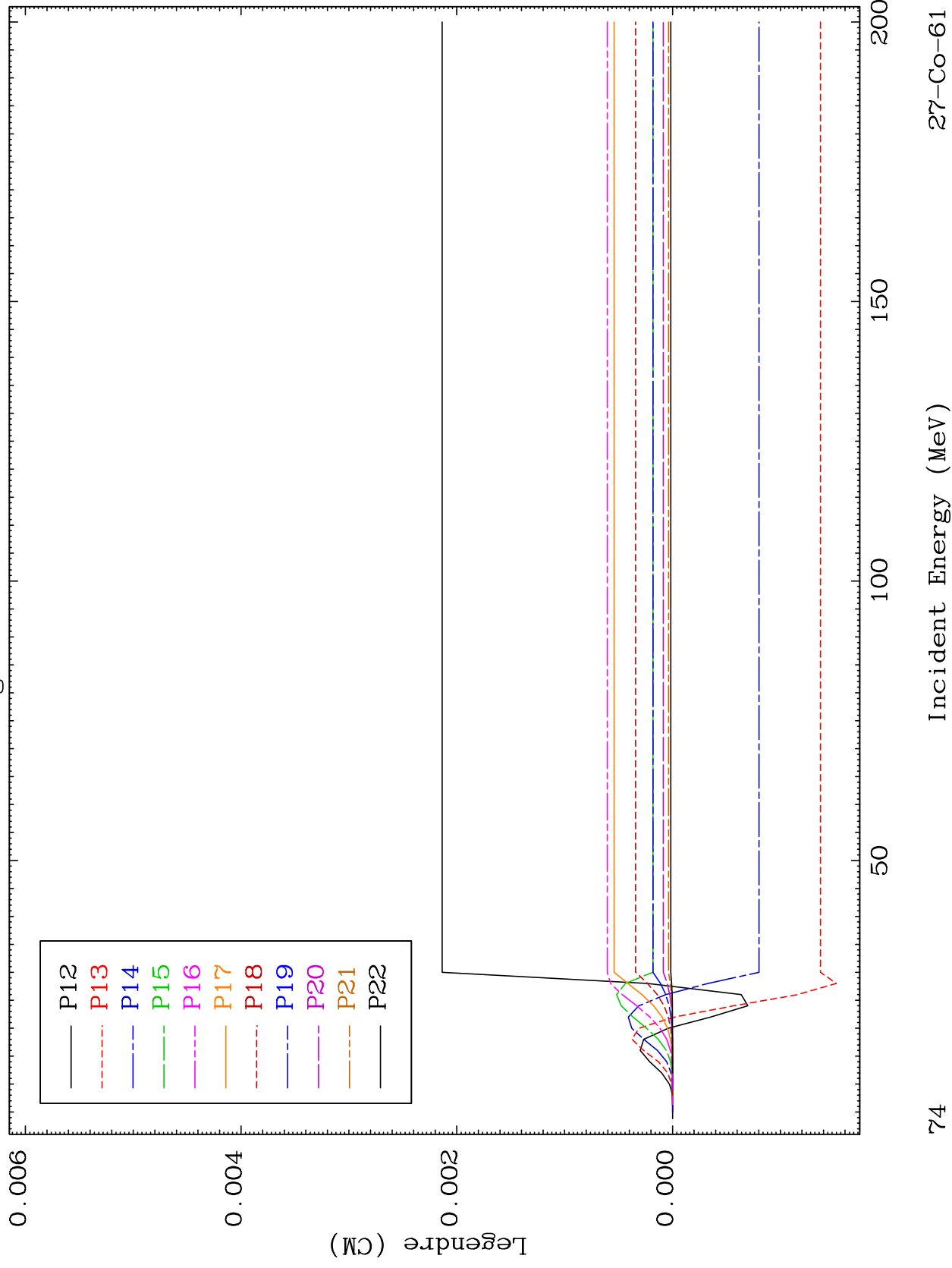
Incident Energy (MeV)

73

MAT 2731

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

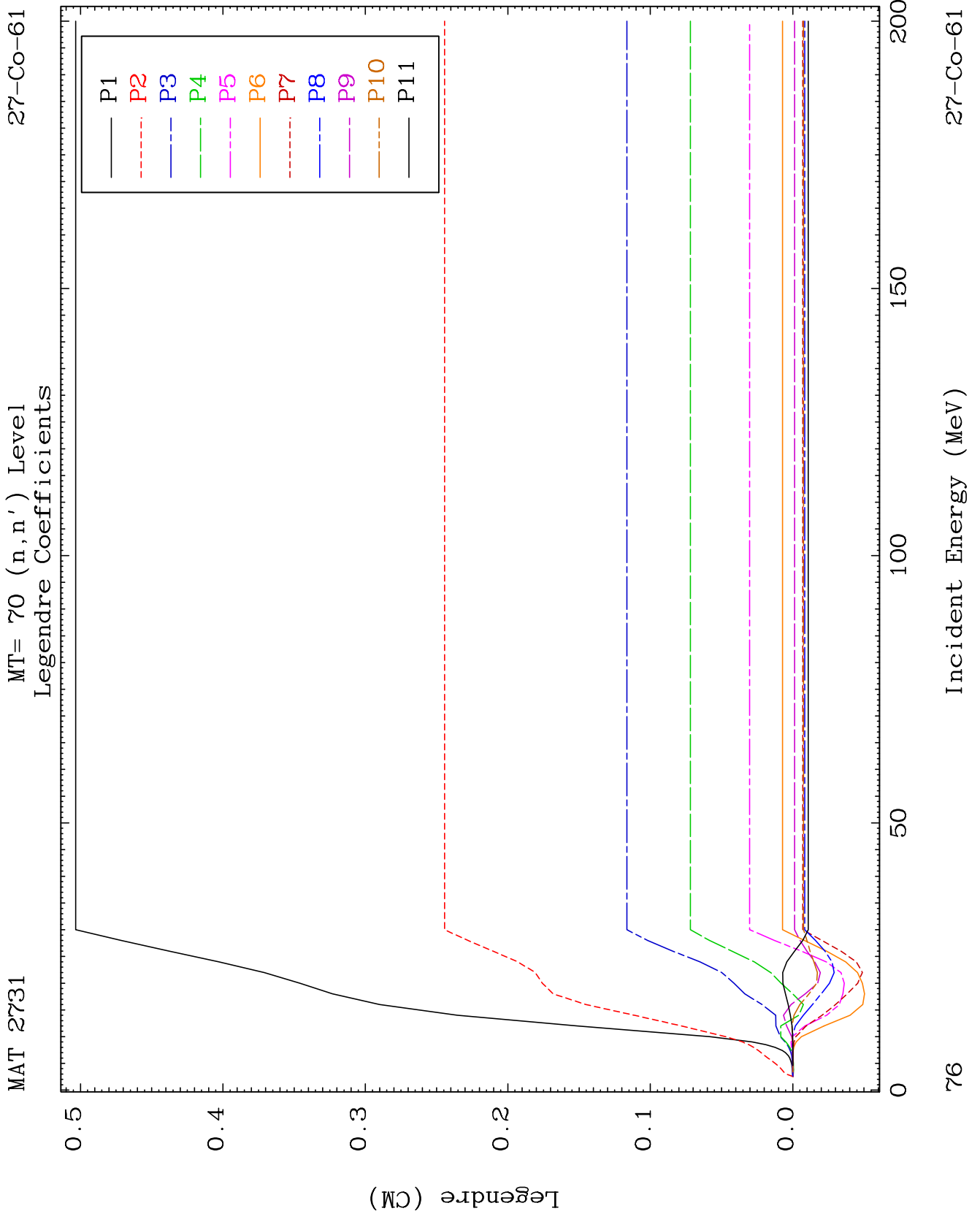
27-Co-61



74

27-Co-61

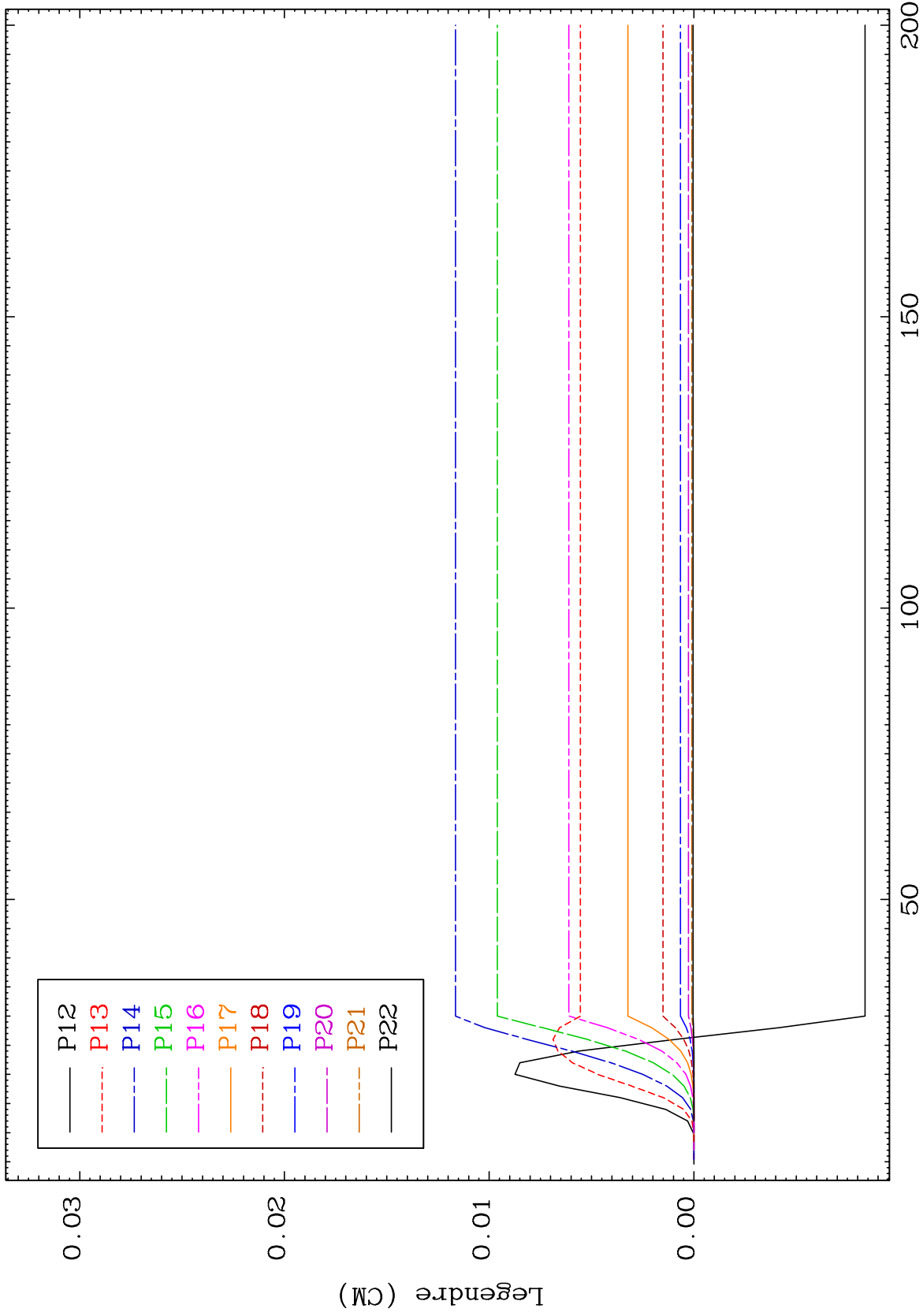




MAT 2731

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

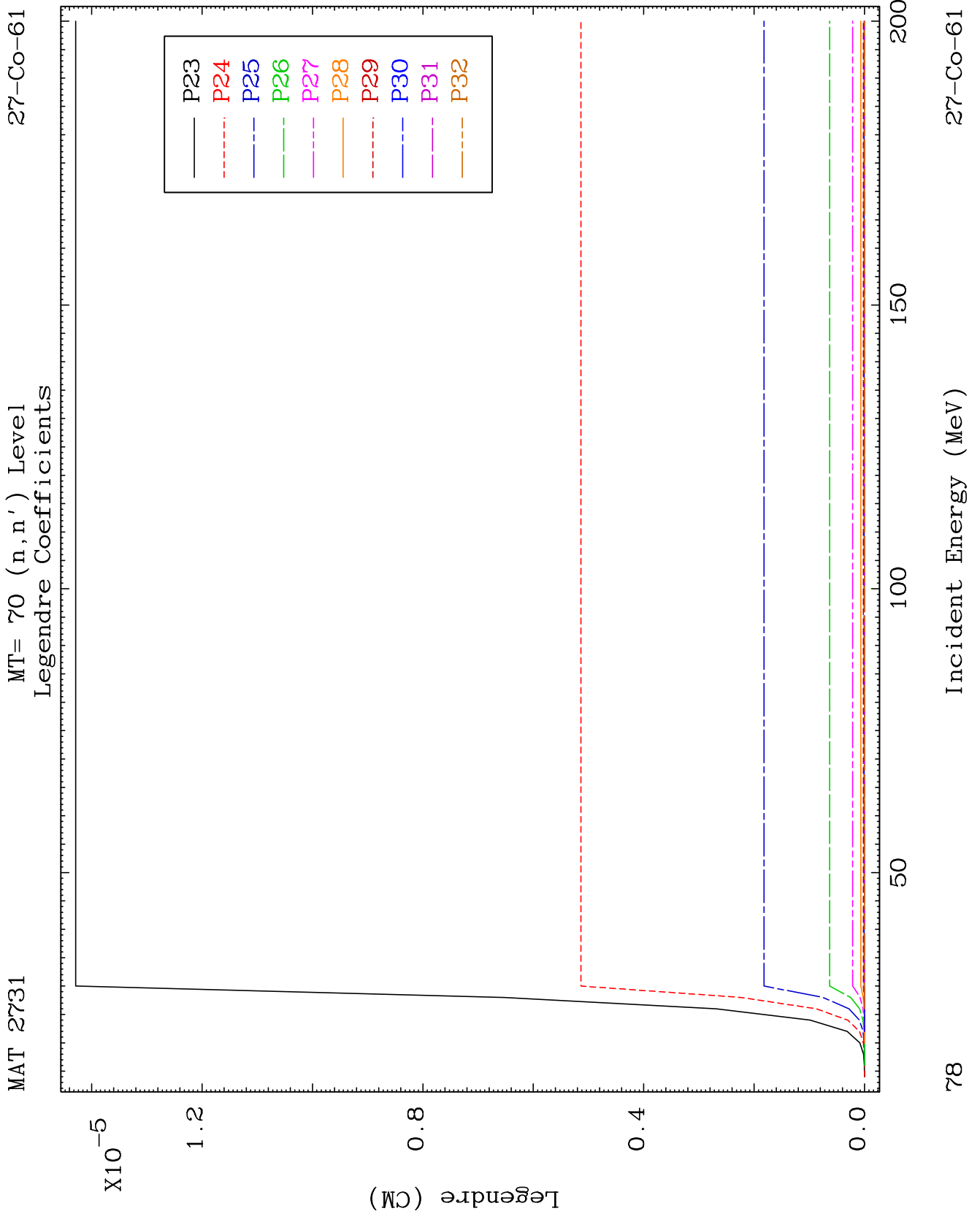
27-Co-61

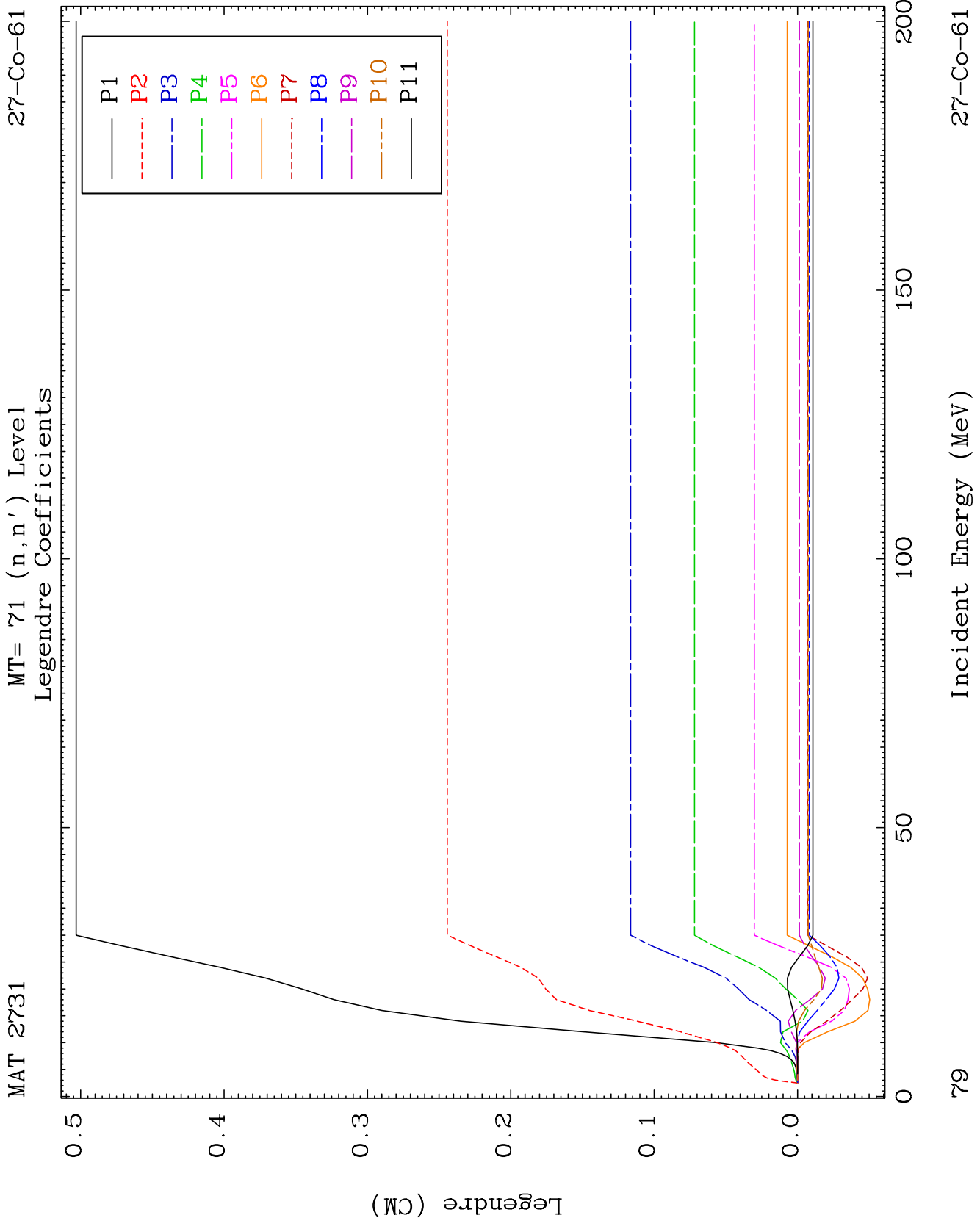


77

Incident Energy (MeV)

27-Co-61



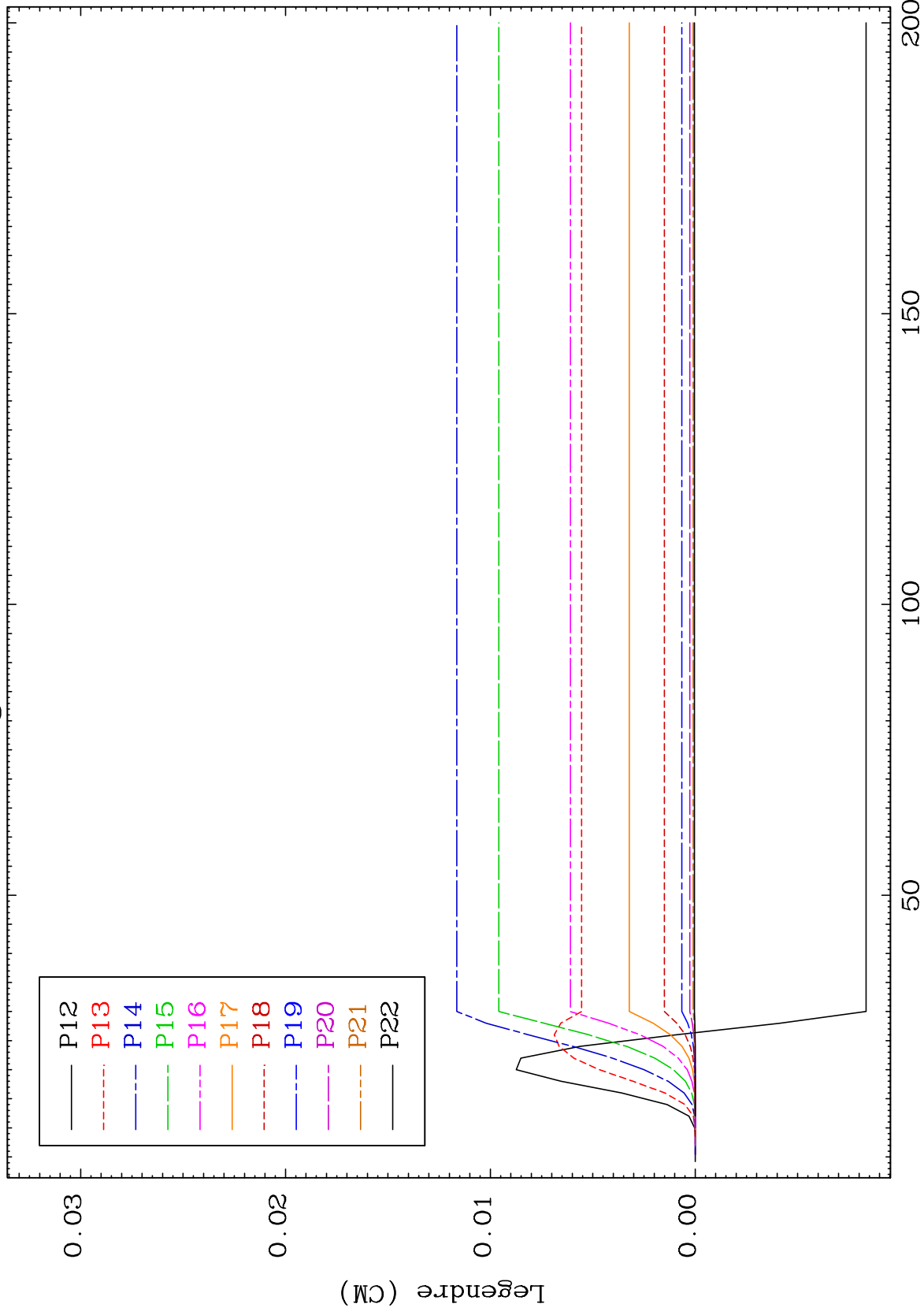




MAT 2731

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

27-Co-61



80

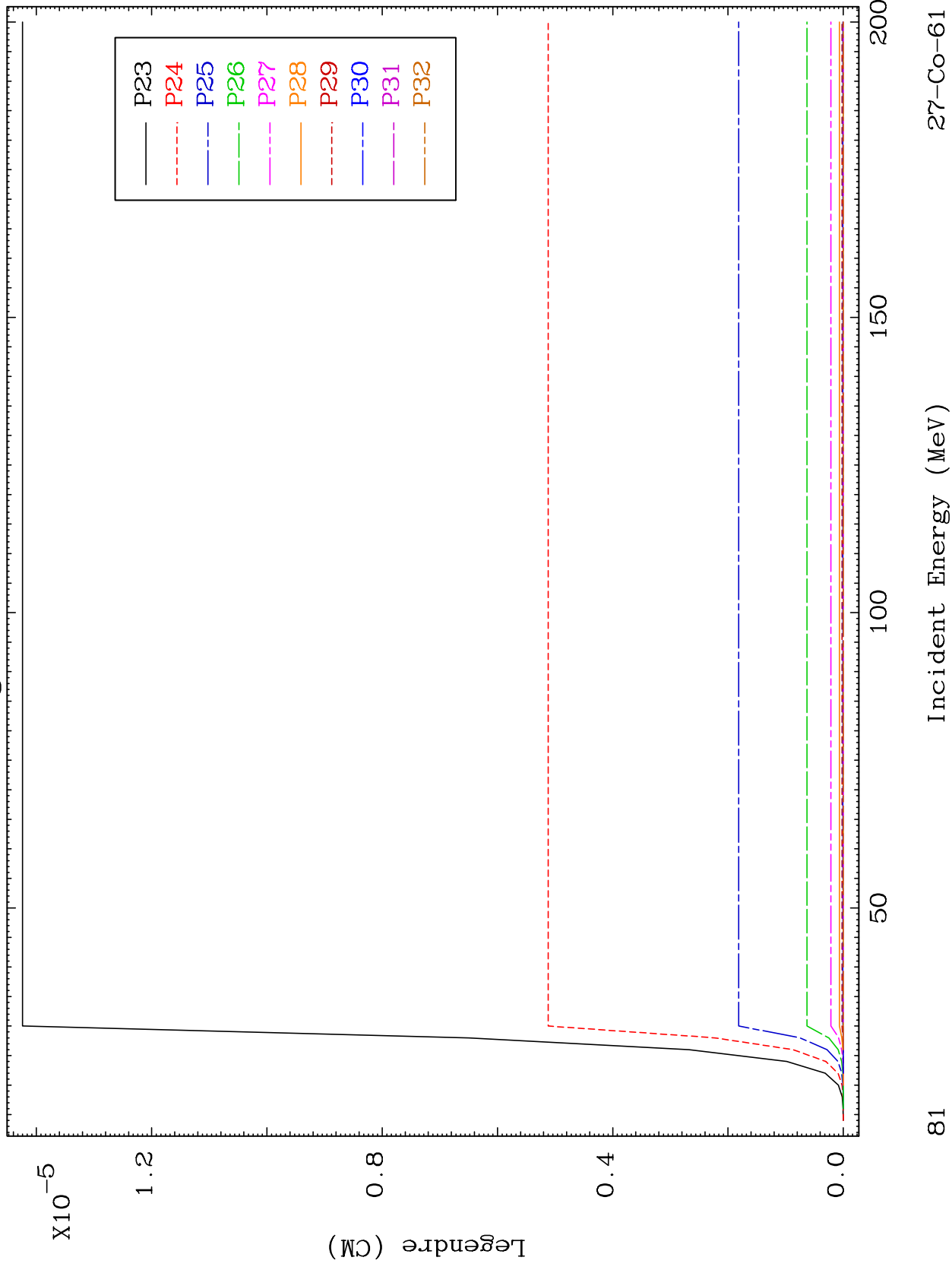
Incident Energy (MeV)

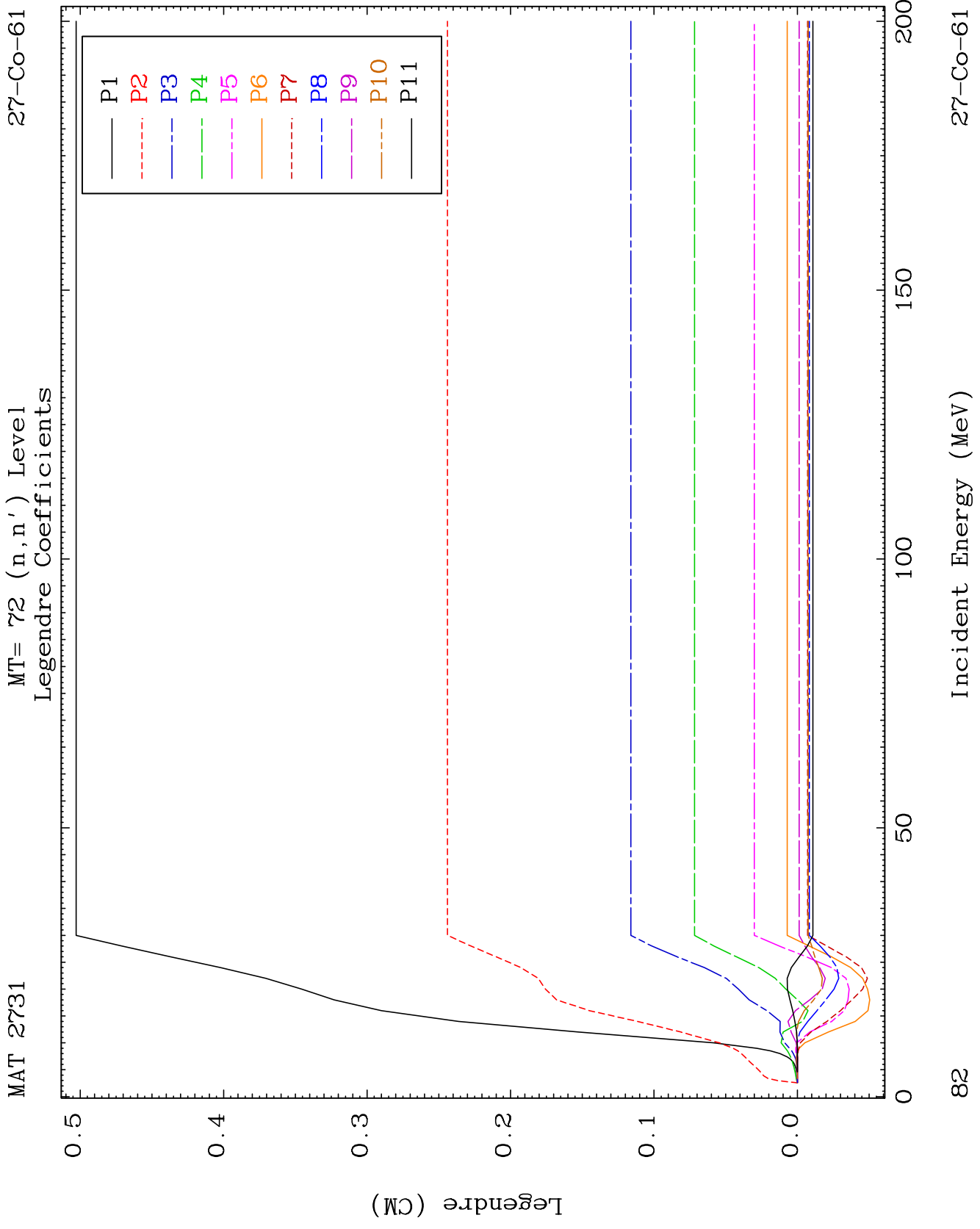
27-Co-61

MAT 2731

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

27-Co-61

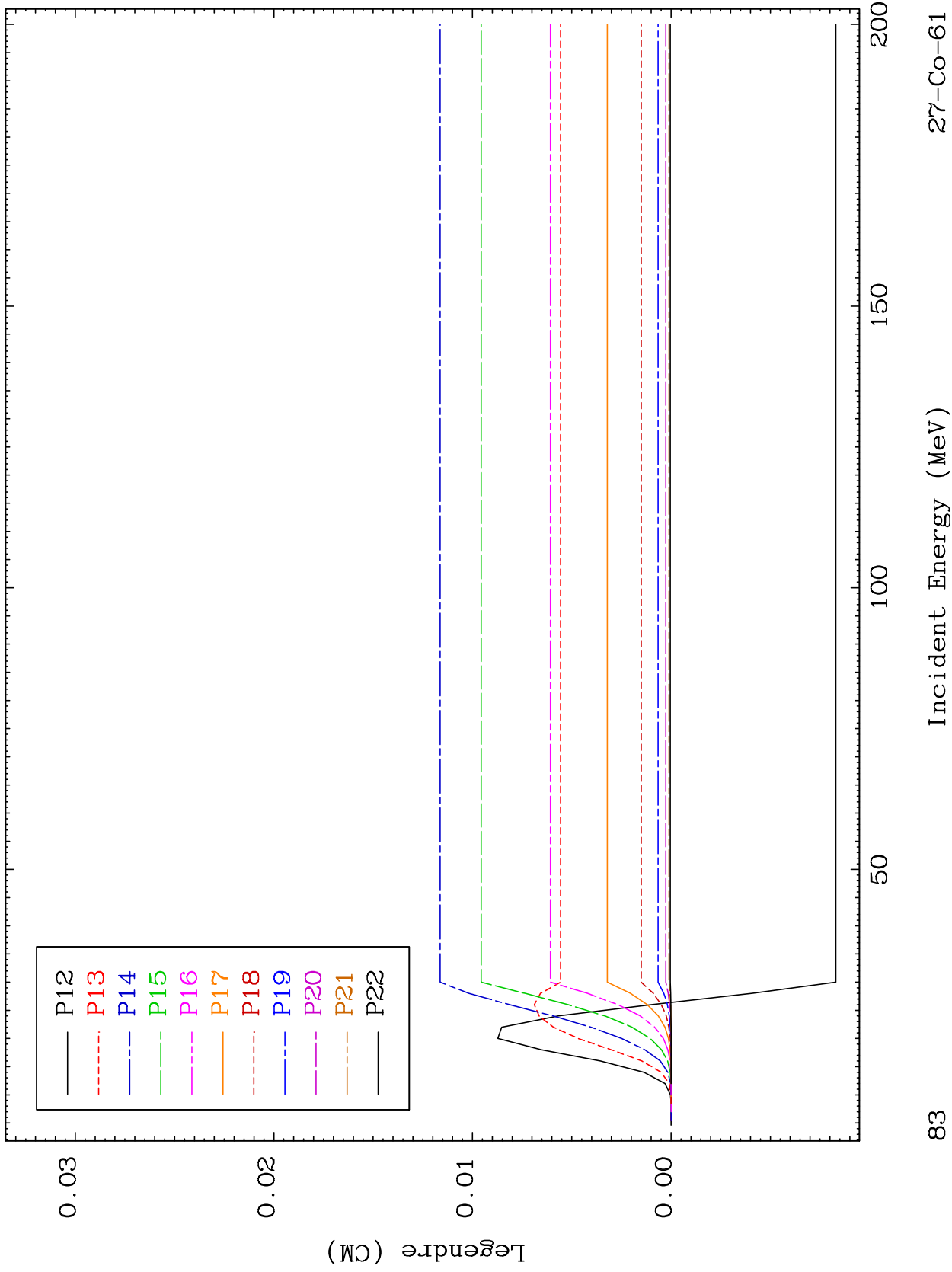




MAT 2731

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

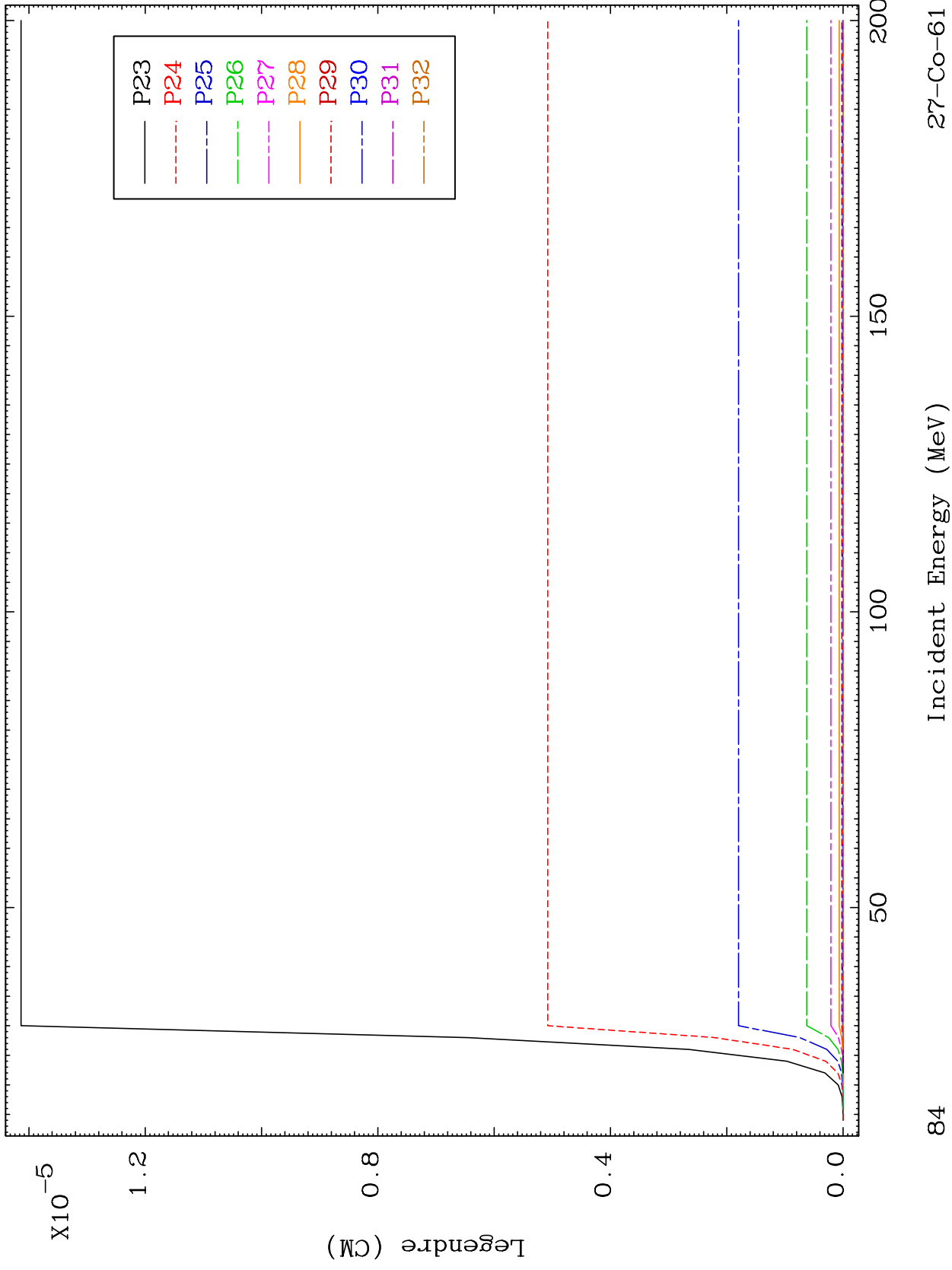
27-Co-61



MAT 2731

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

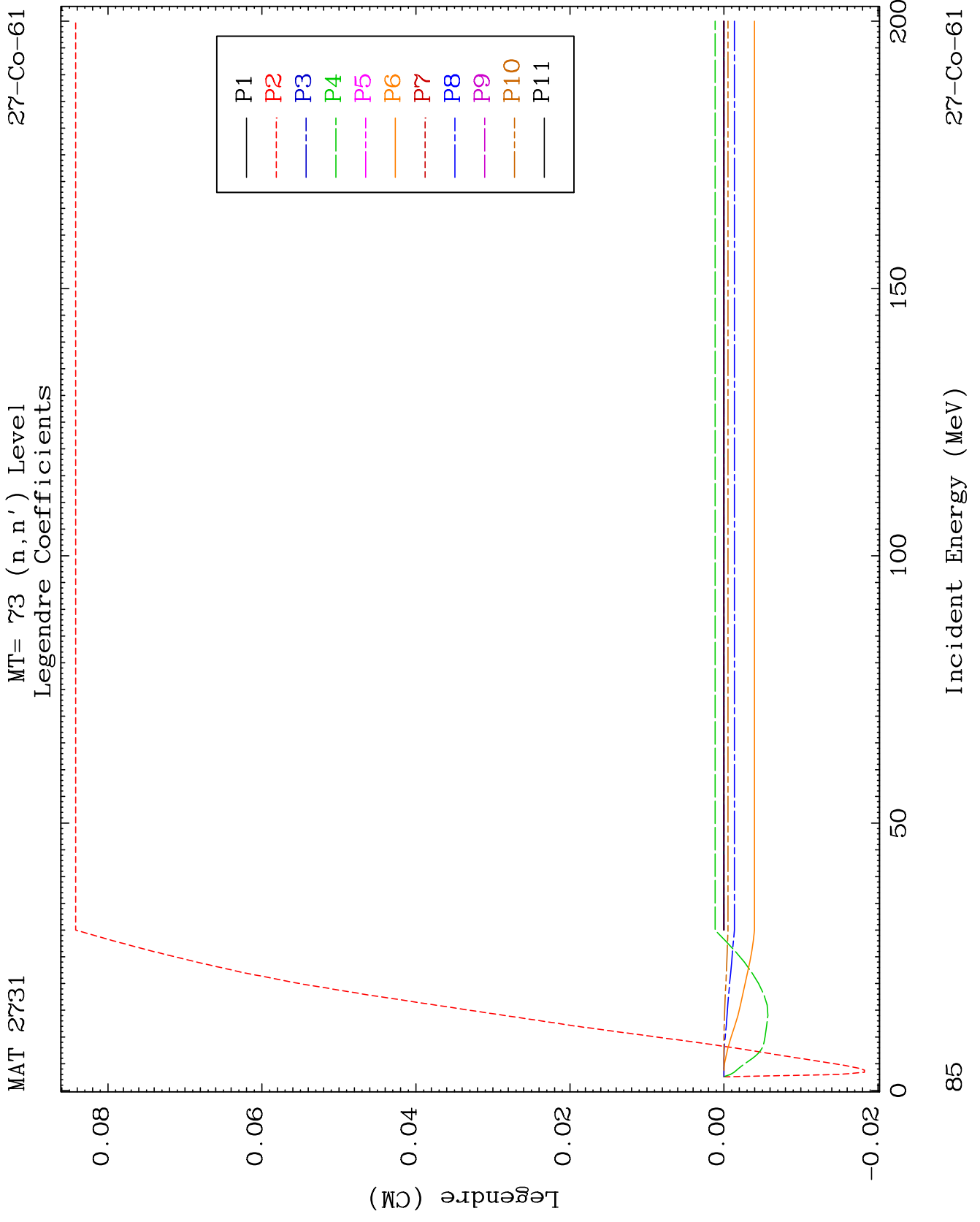
27-Co-61

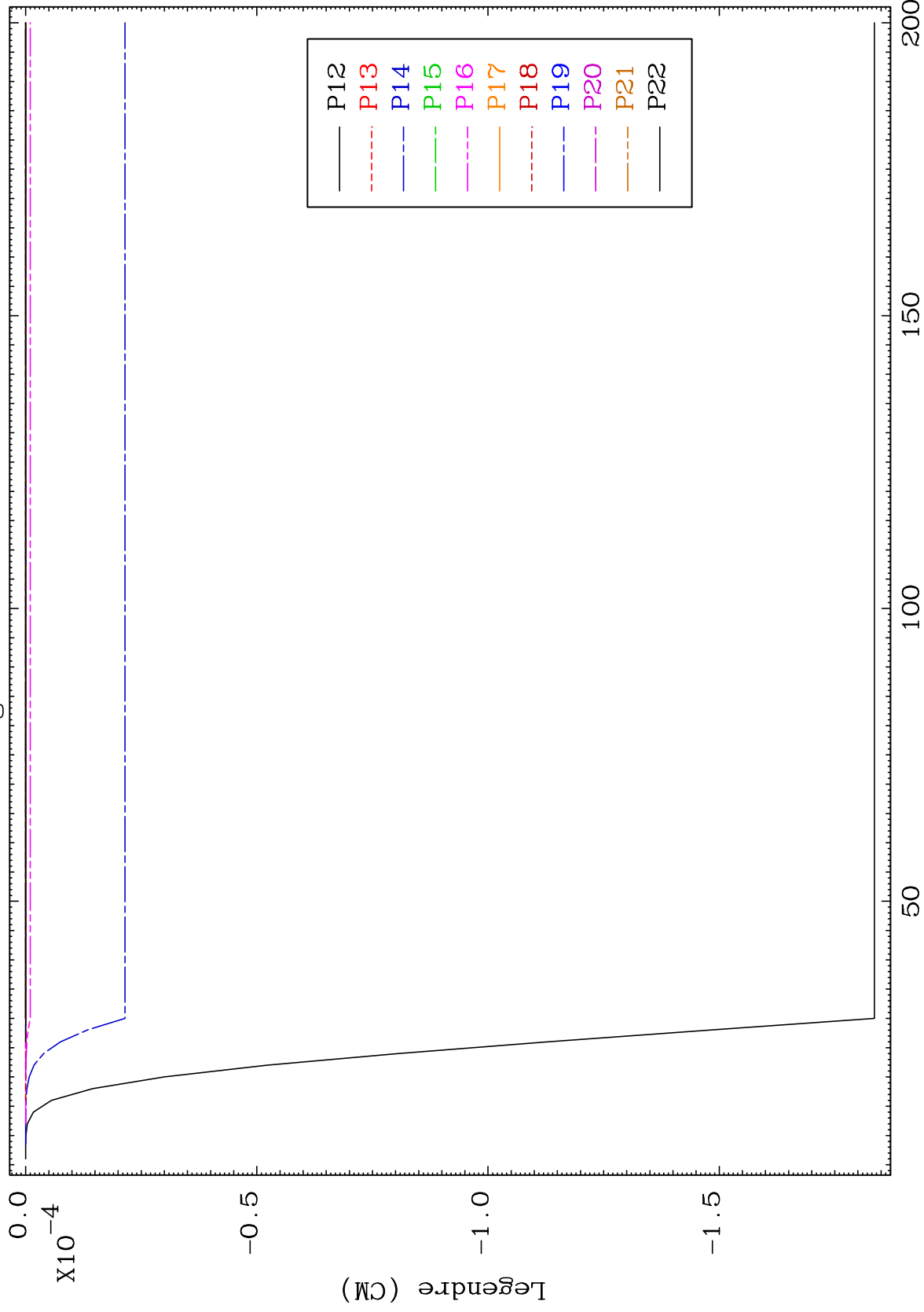


84

Incident Energy (MeV)

27-Co-61





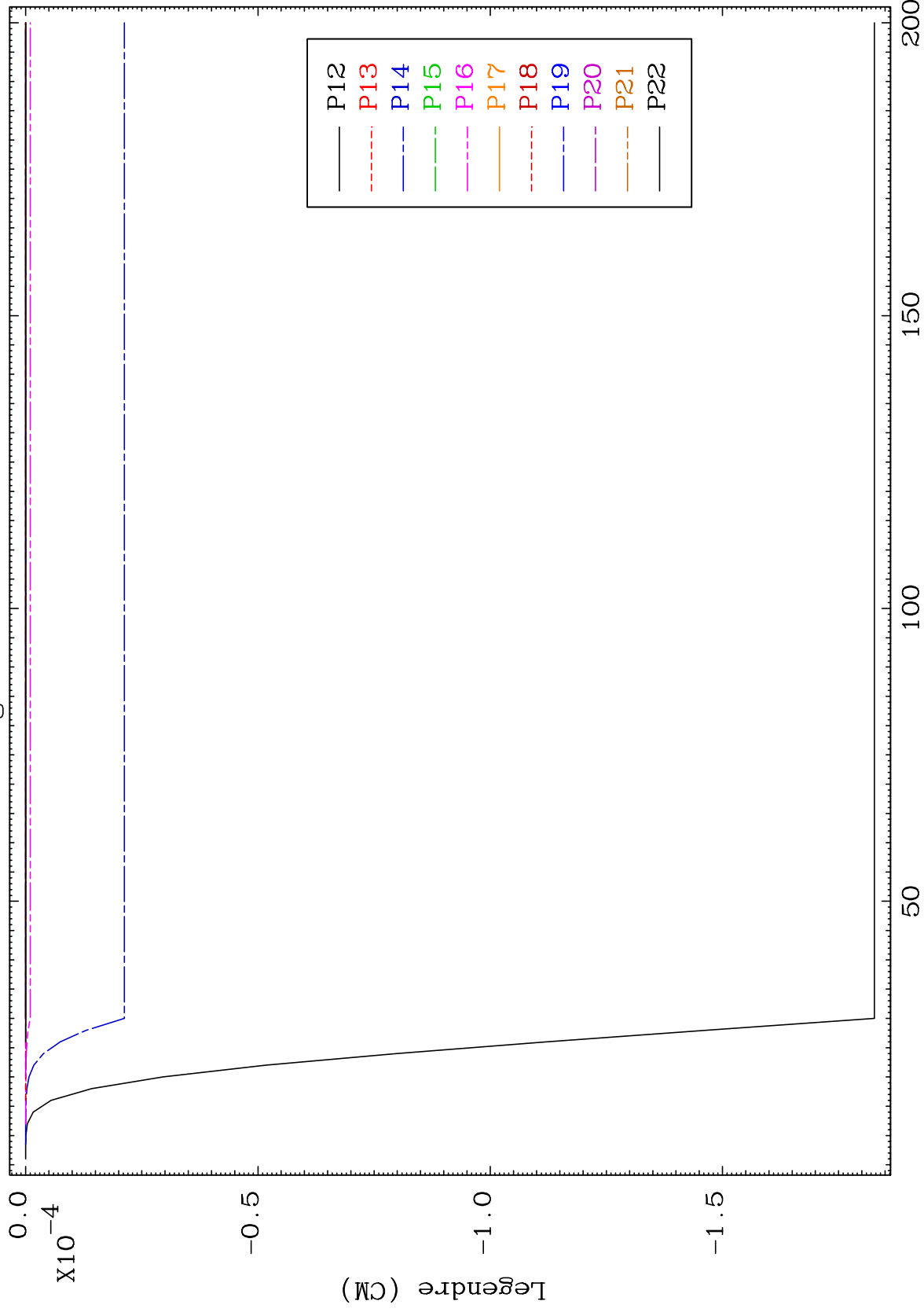




MAT 2731

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

27-Co-61



88

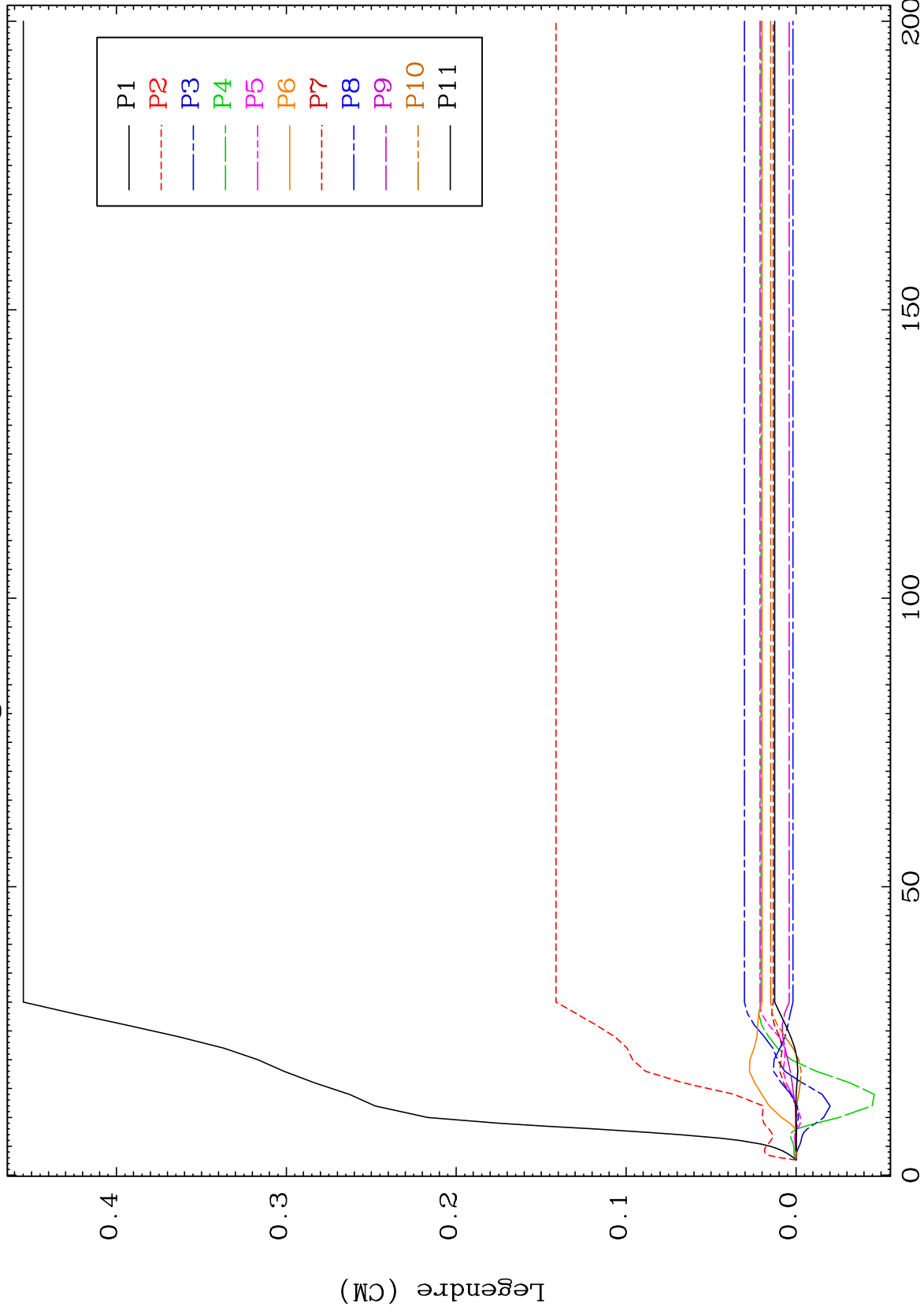
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



89

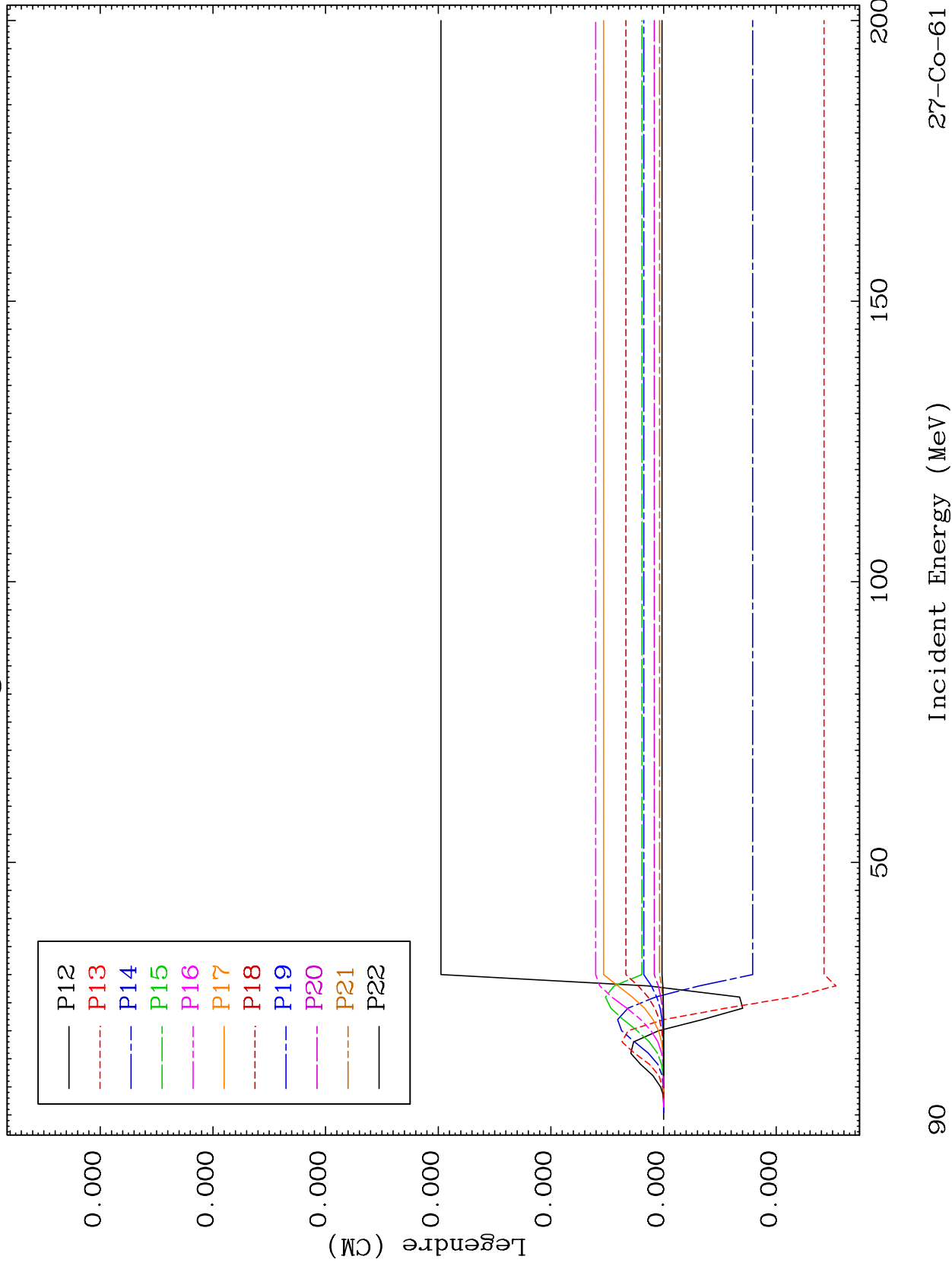
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



90

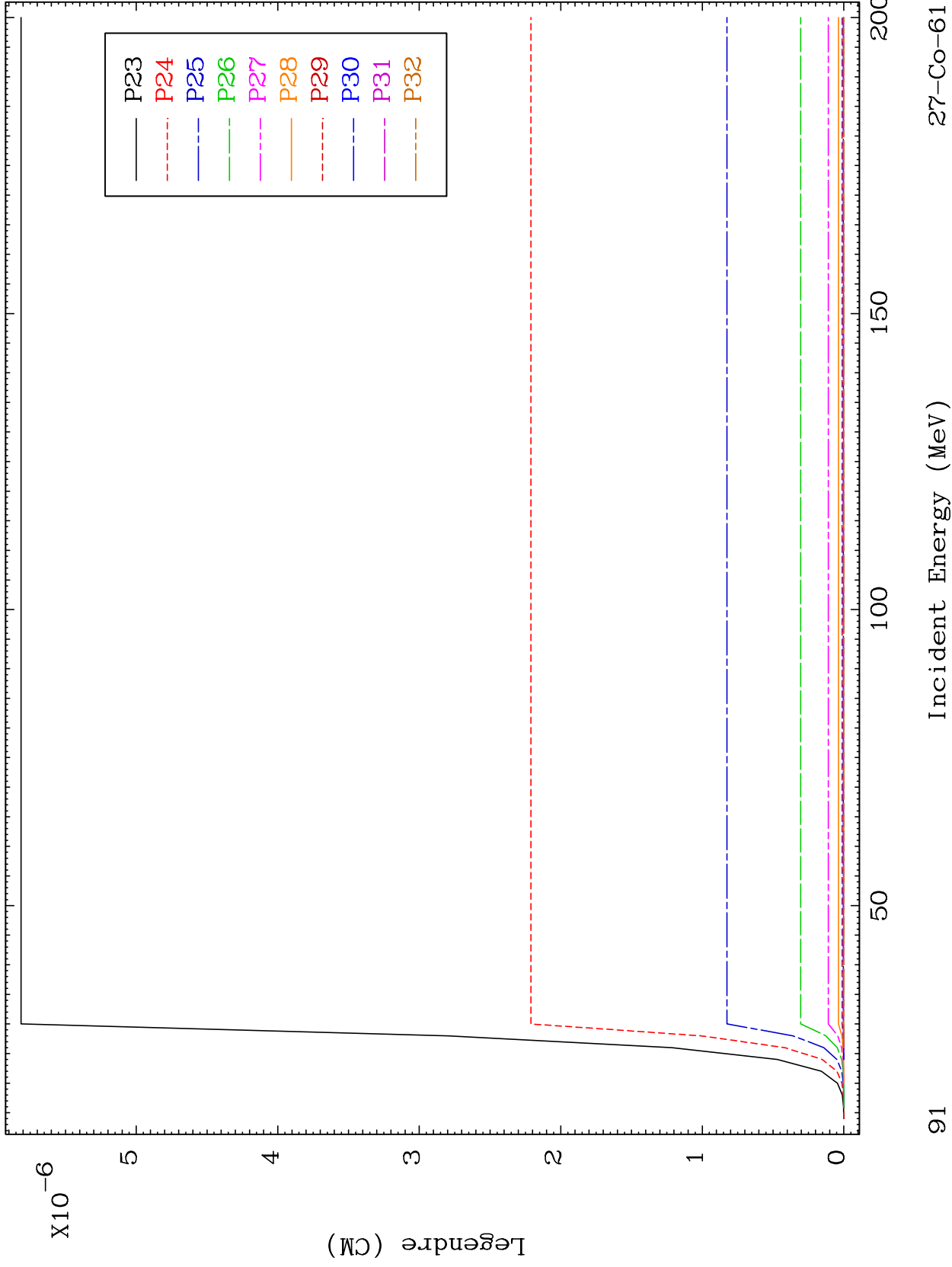
Incident Energy (MeV)

27-Co-61

MAT 2731

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

27-Co-61



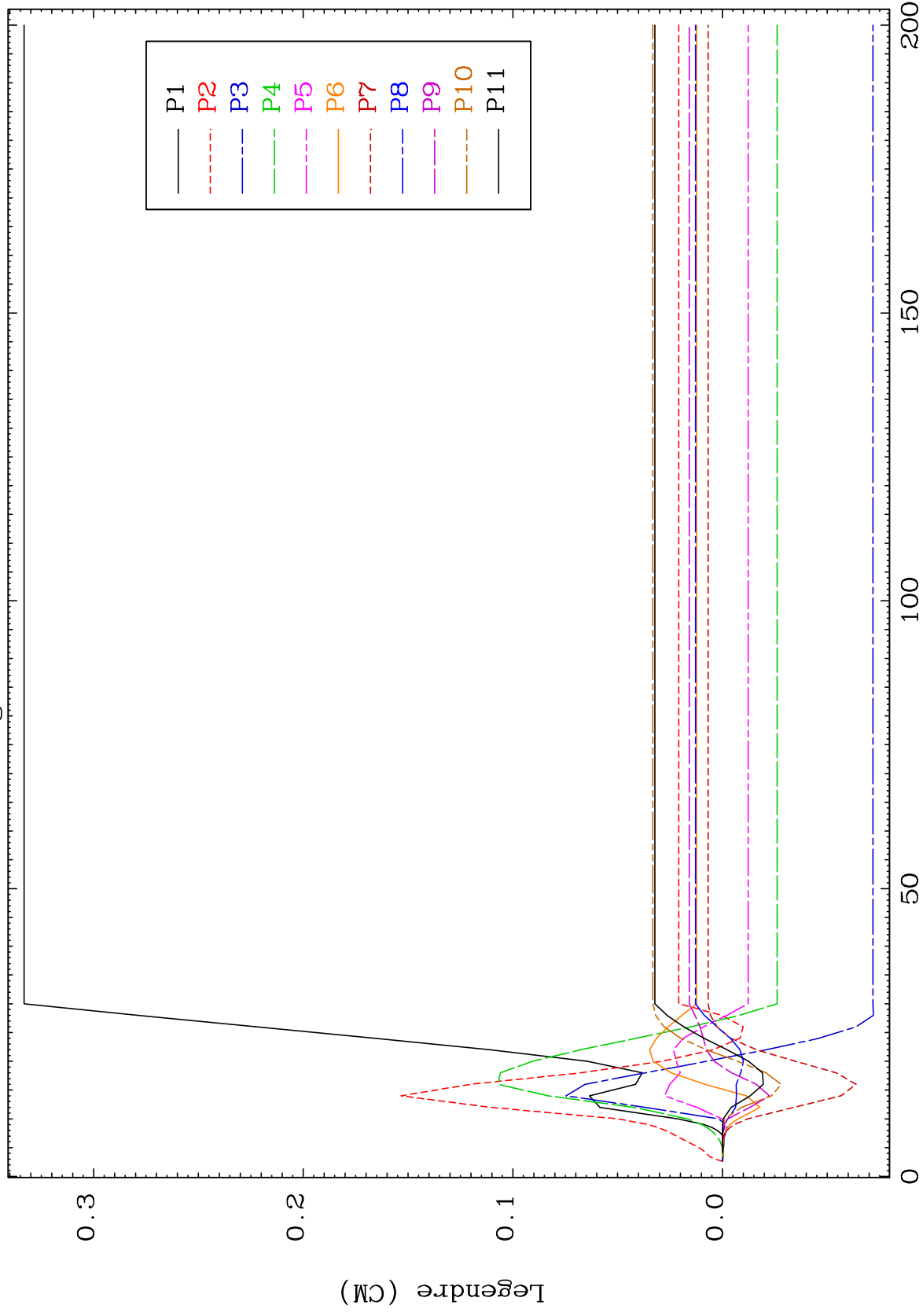
91

27-Co-61

MAT 2731

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

27-Co-61



92

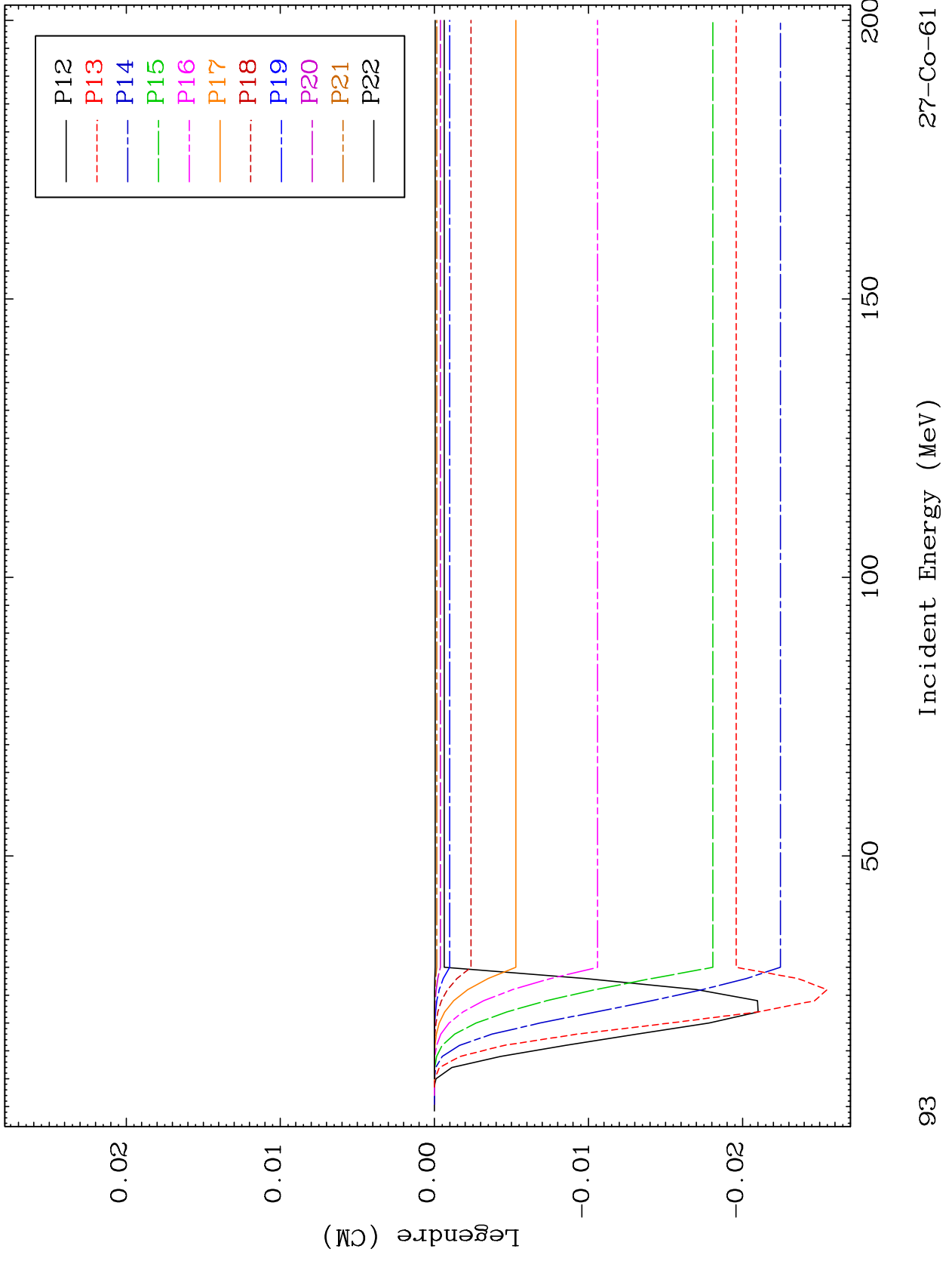
Incident Energy (MeV)

27-Co-61

MAT 2731

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

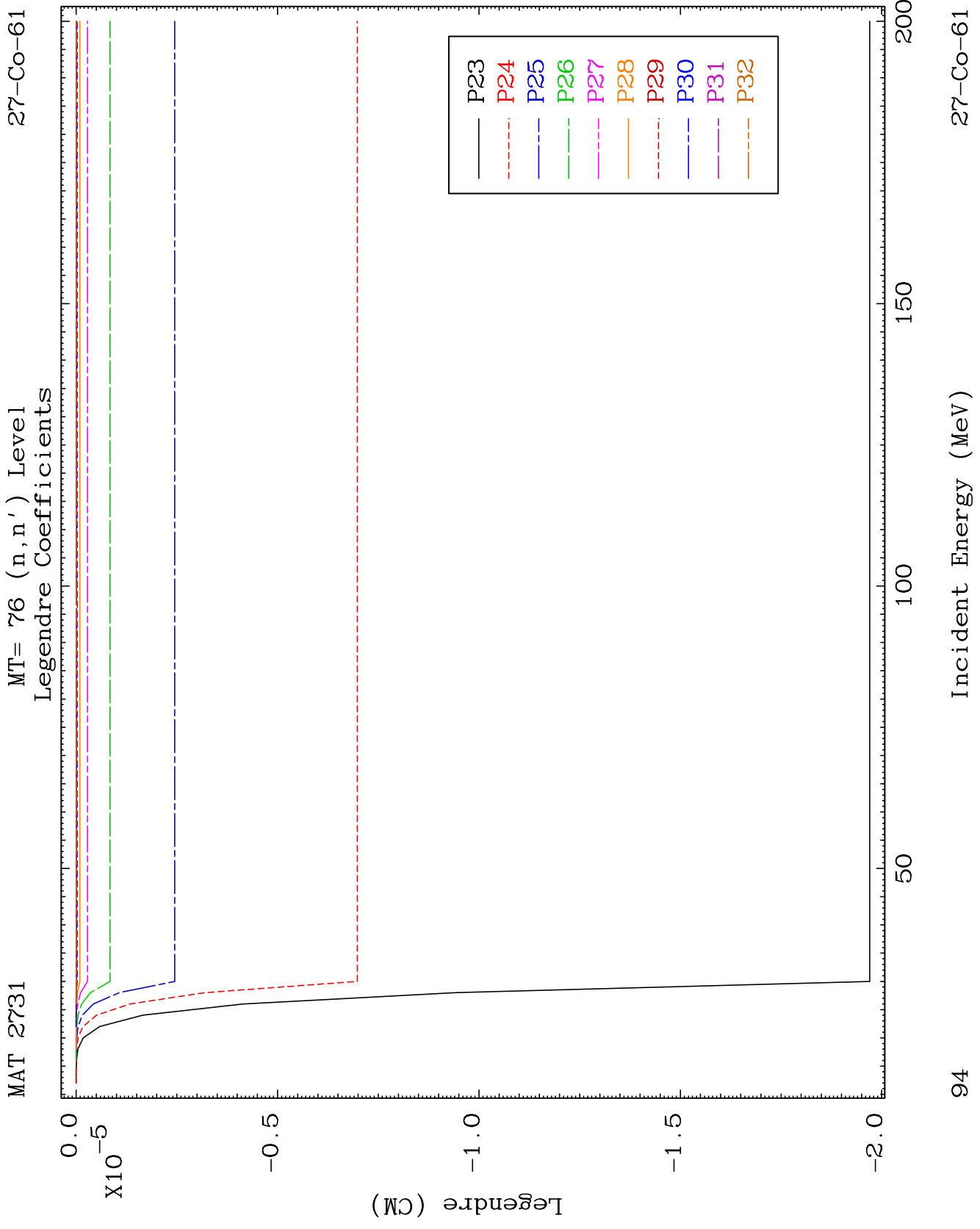
27-Co-61

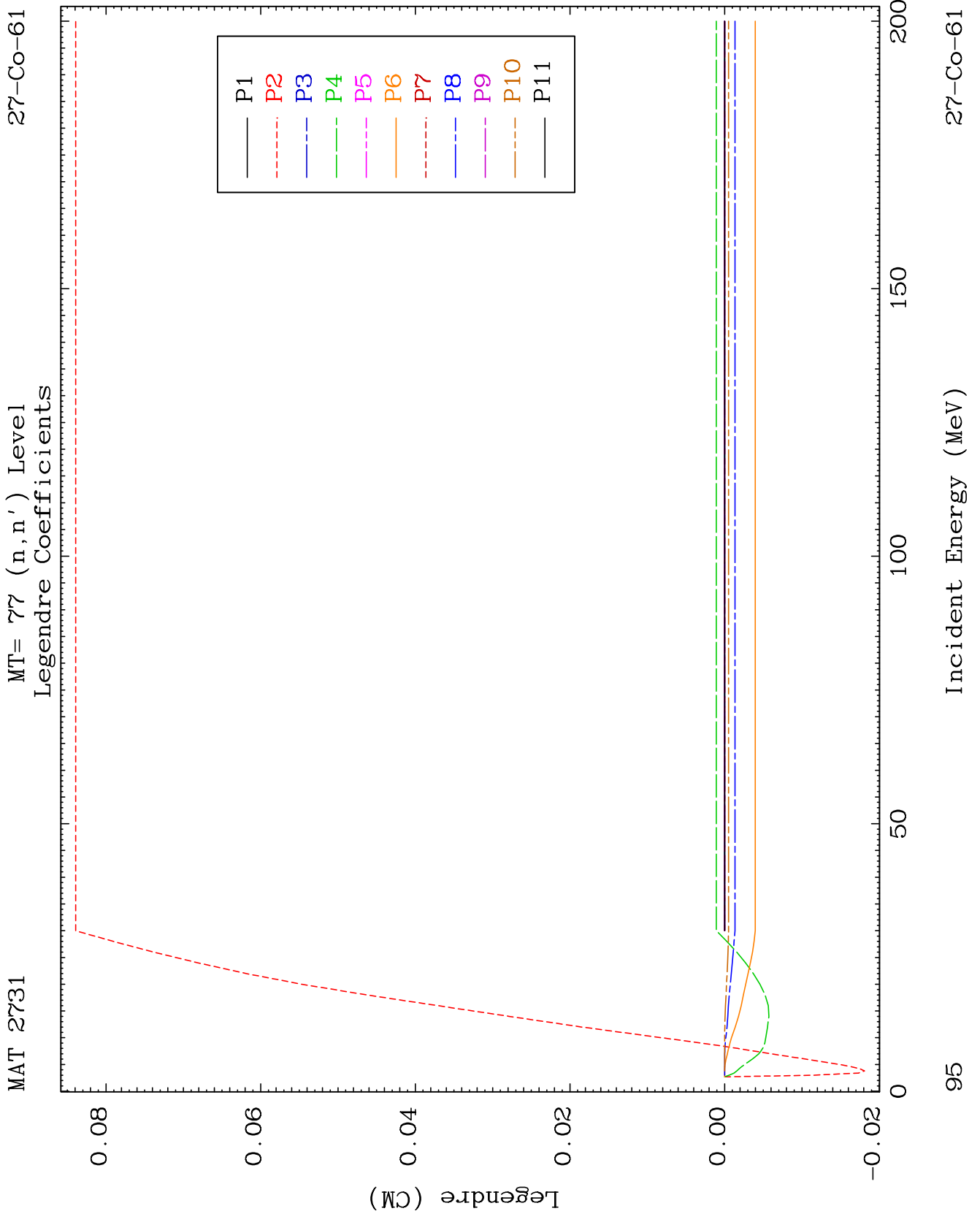


93

Incident Energy (MeV)

27-Co-61



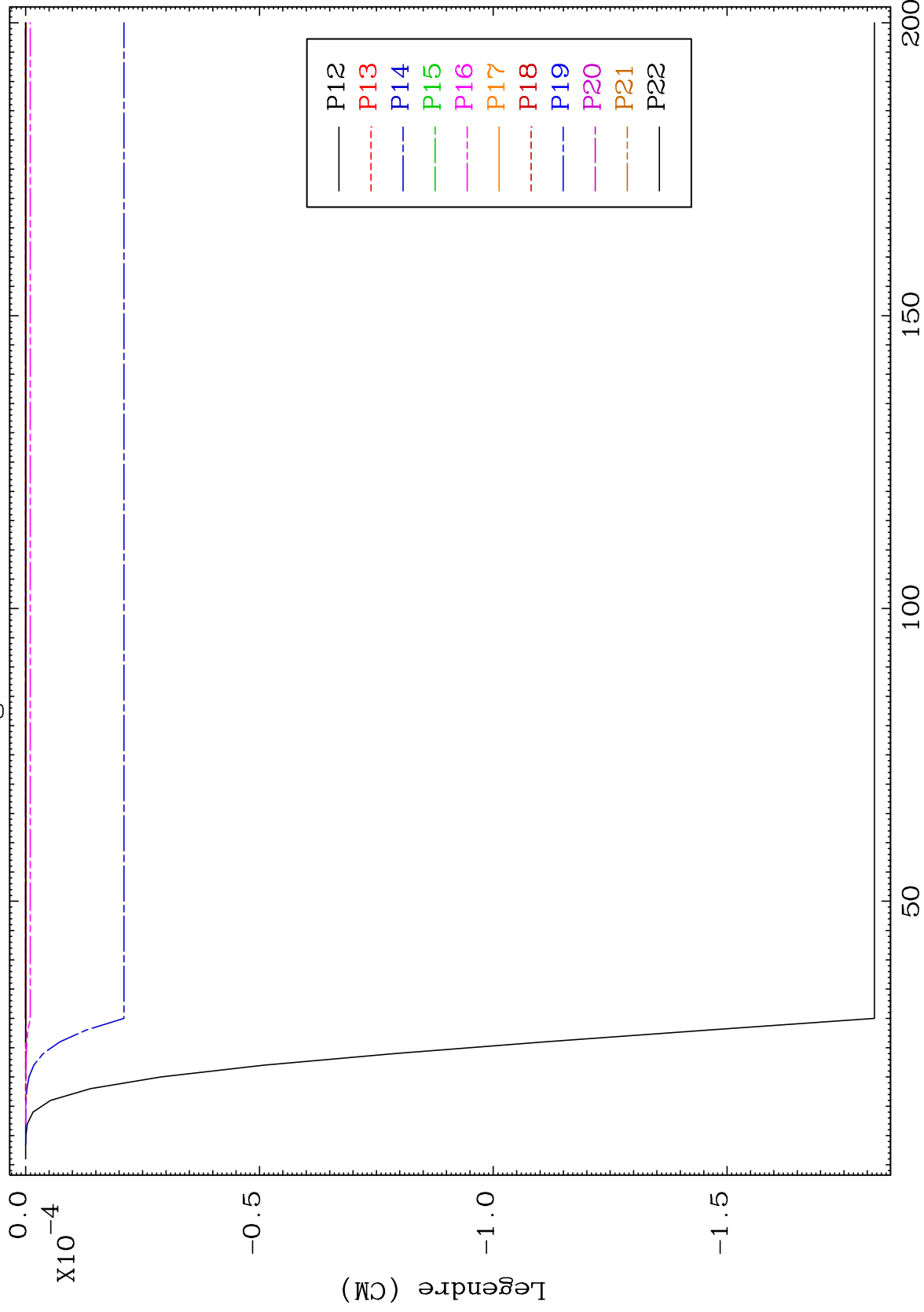




MAT 2731

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

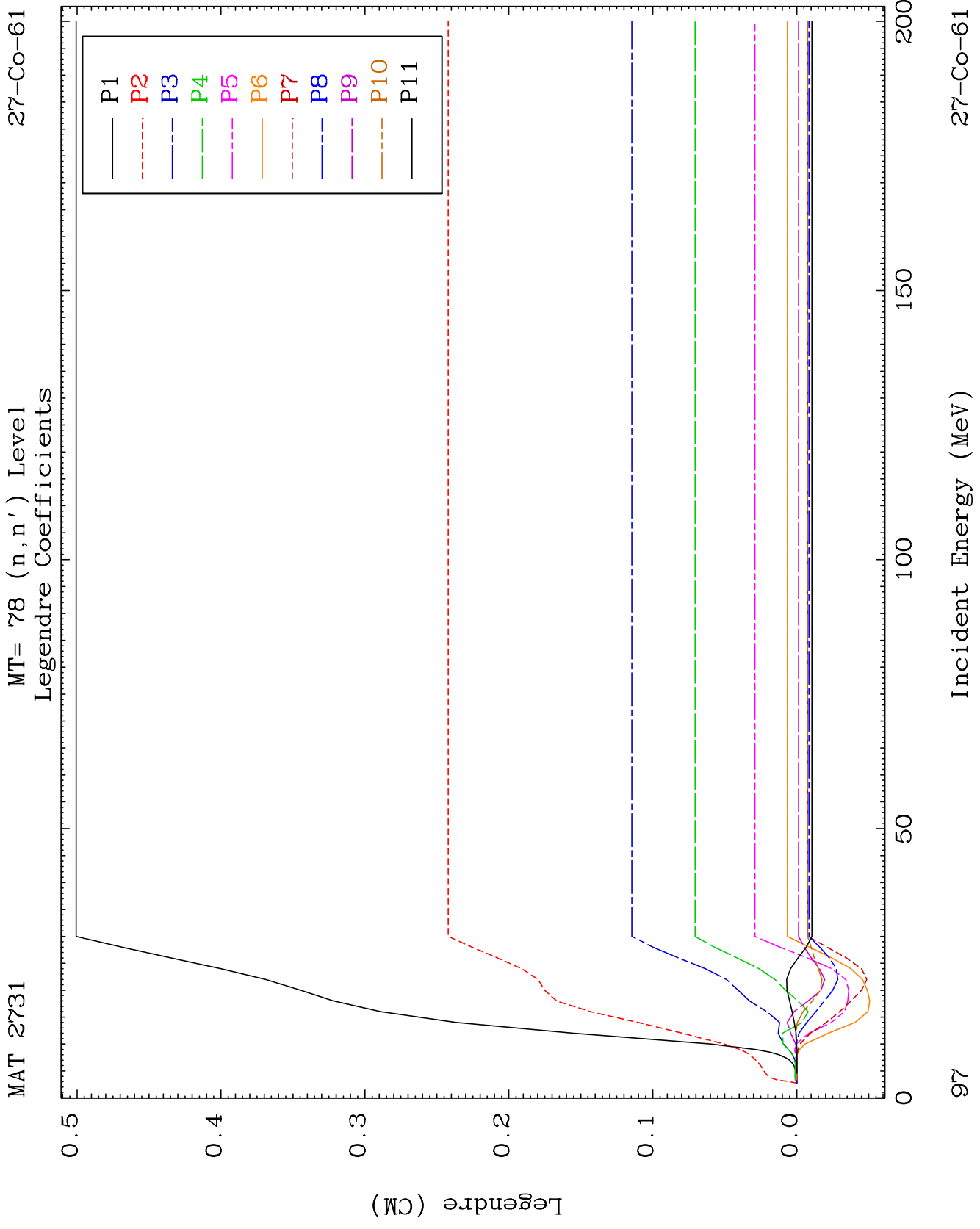
27-Co-61



96

Incident Energy (MeV)

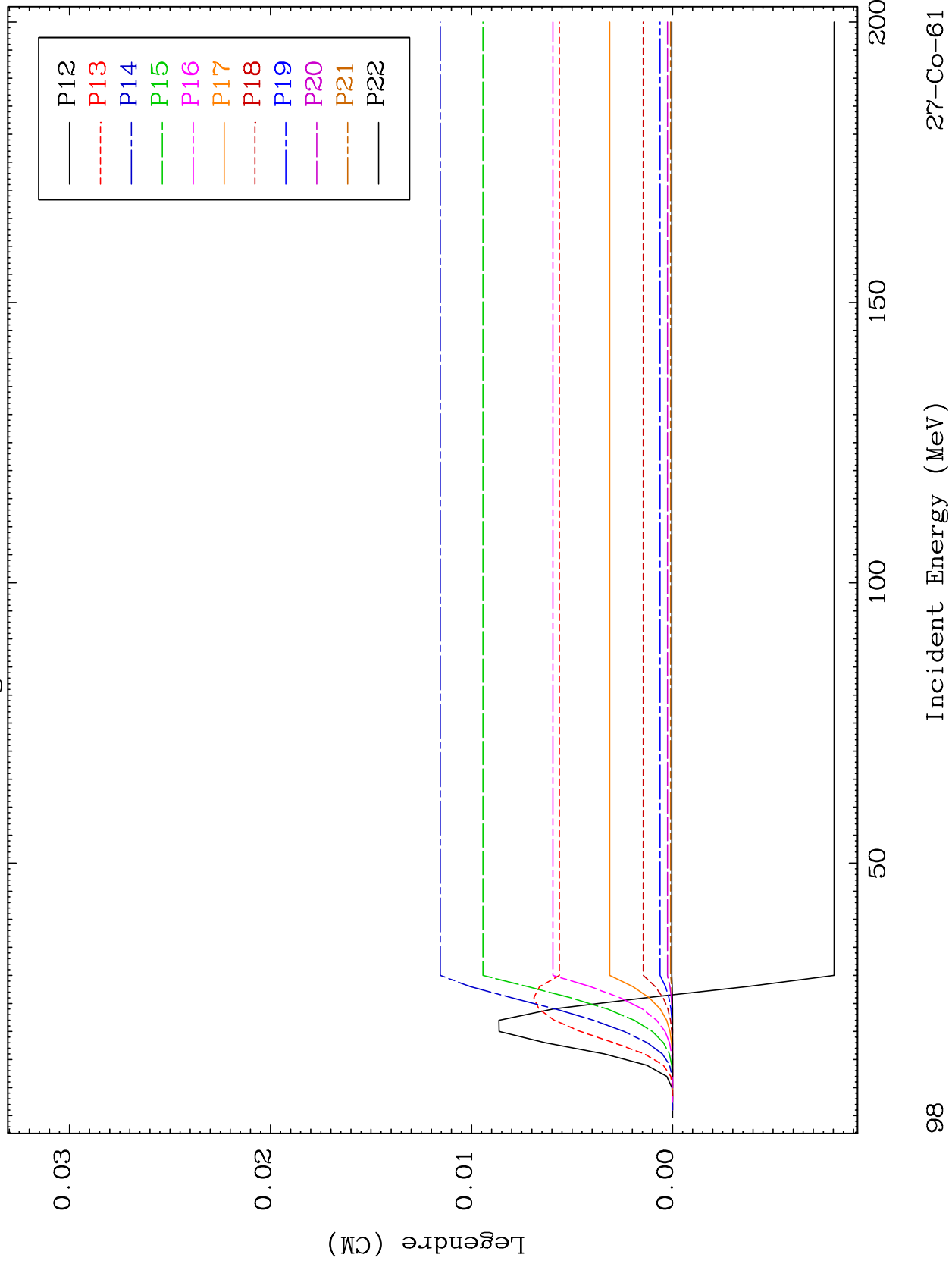
27-Co-61



MAT 2731

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

27-Co-61



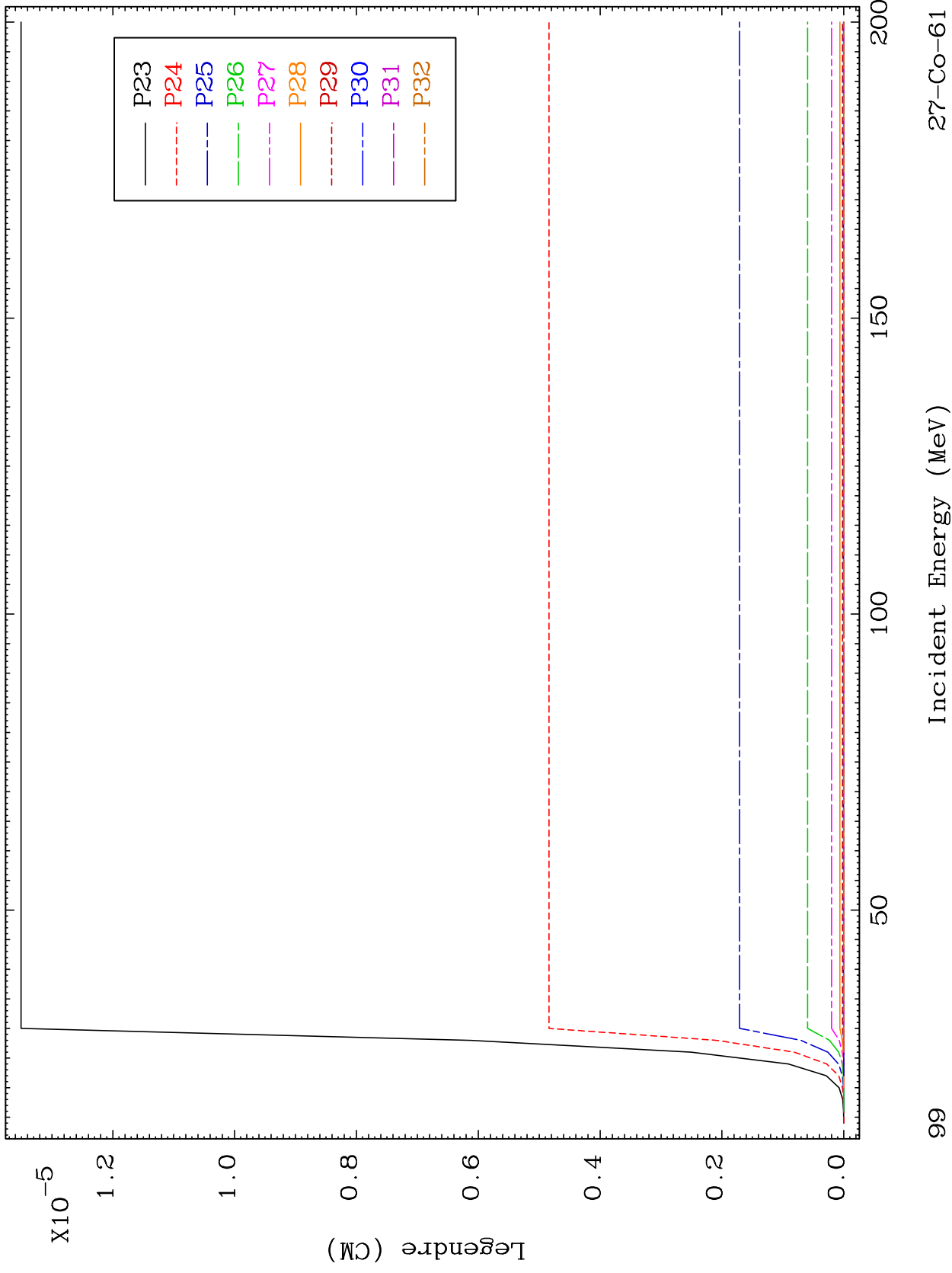
98

27-Co-61

MAT 2731

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

27-Co-61



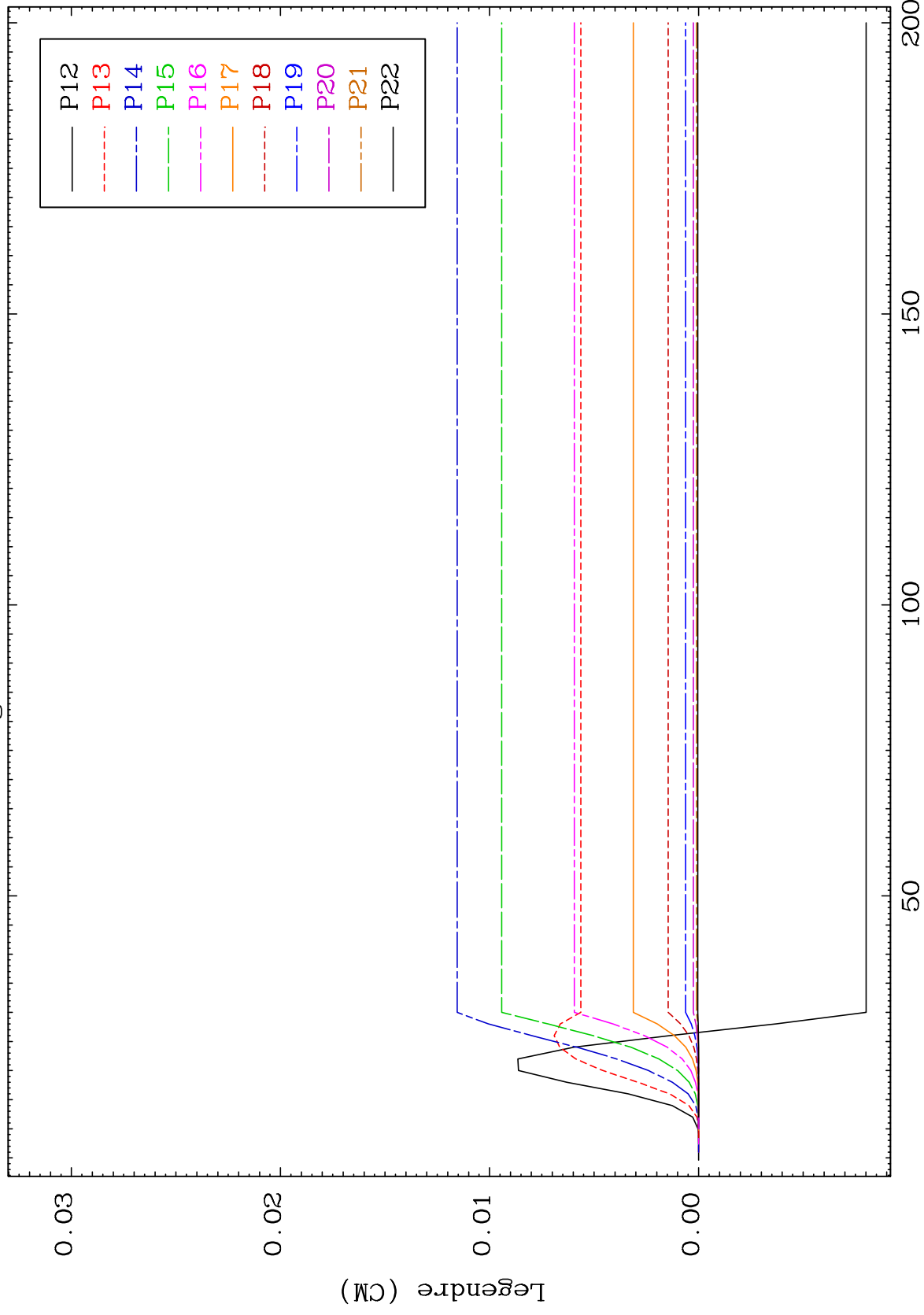
99



MAT 2731

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

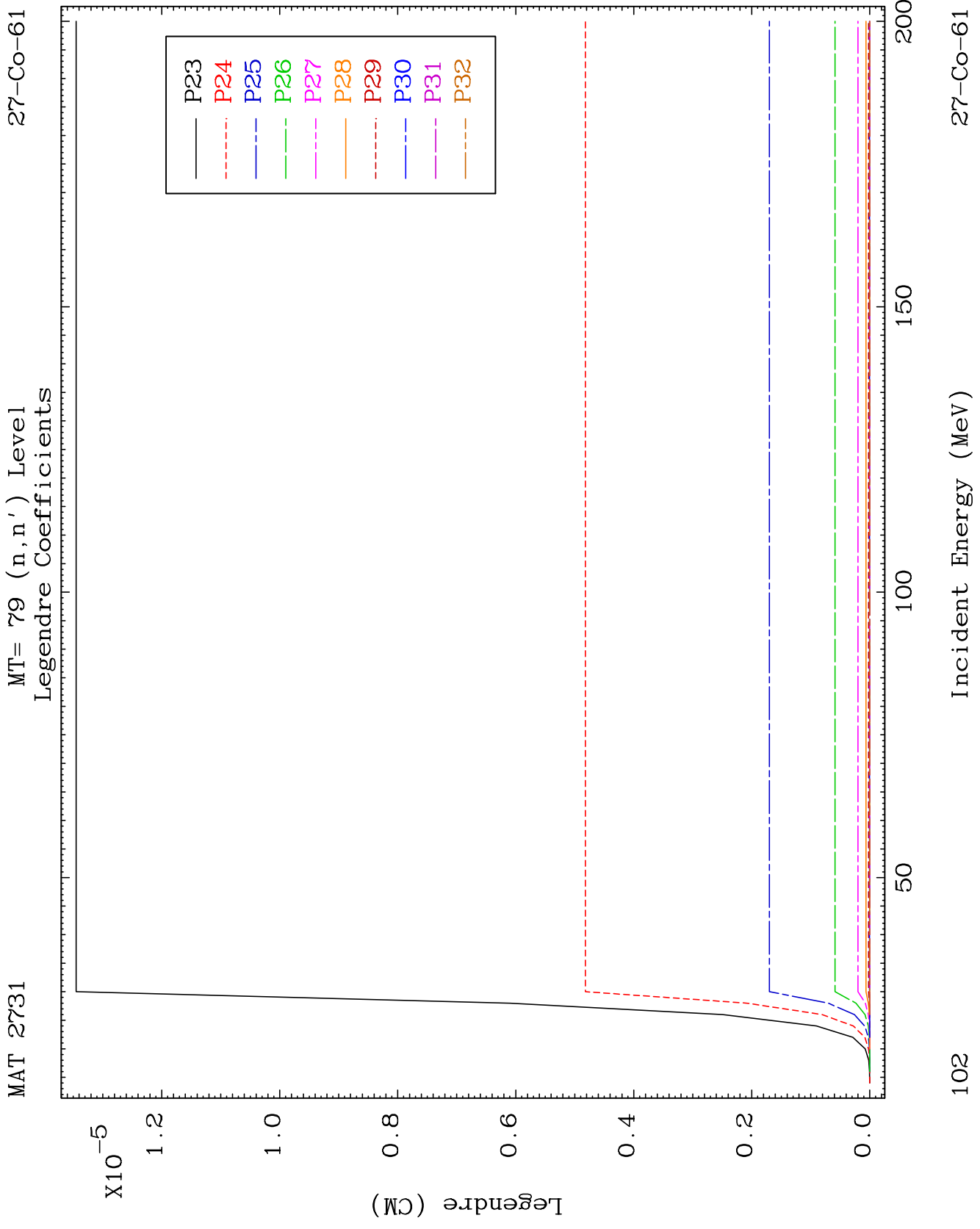
27-Co-61

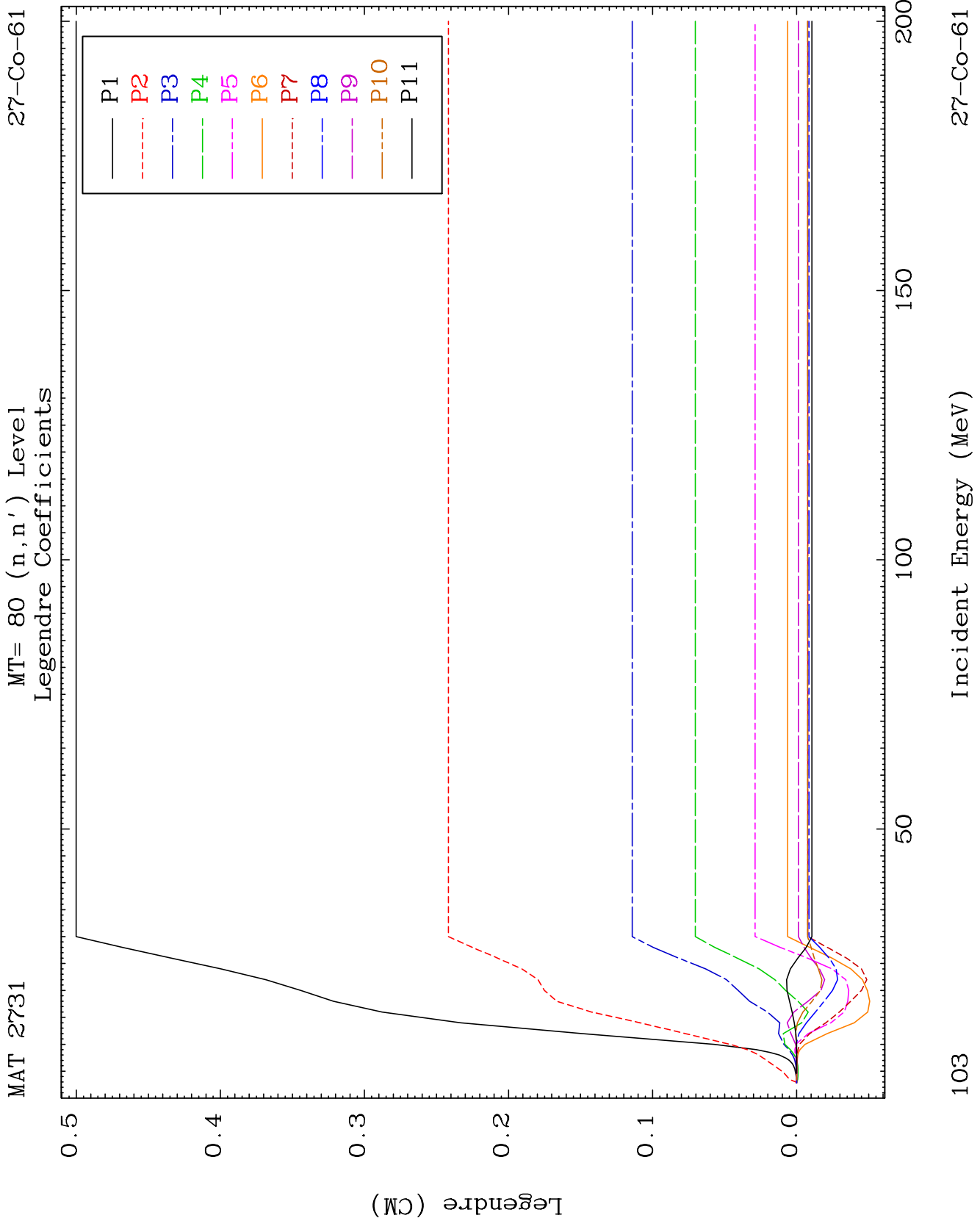


101

Incident Energy (MeV)

27-Co-61



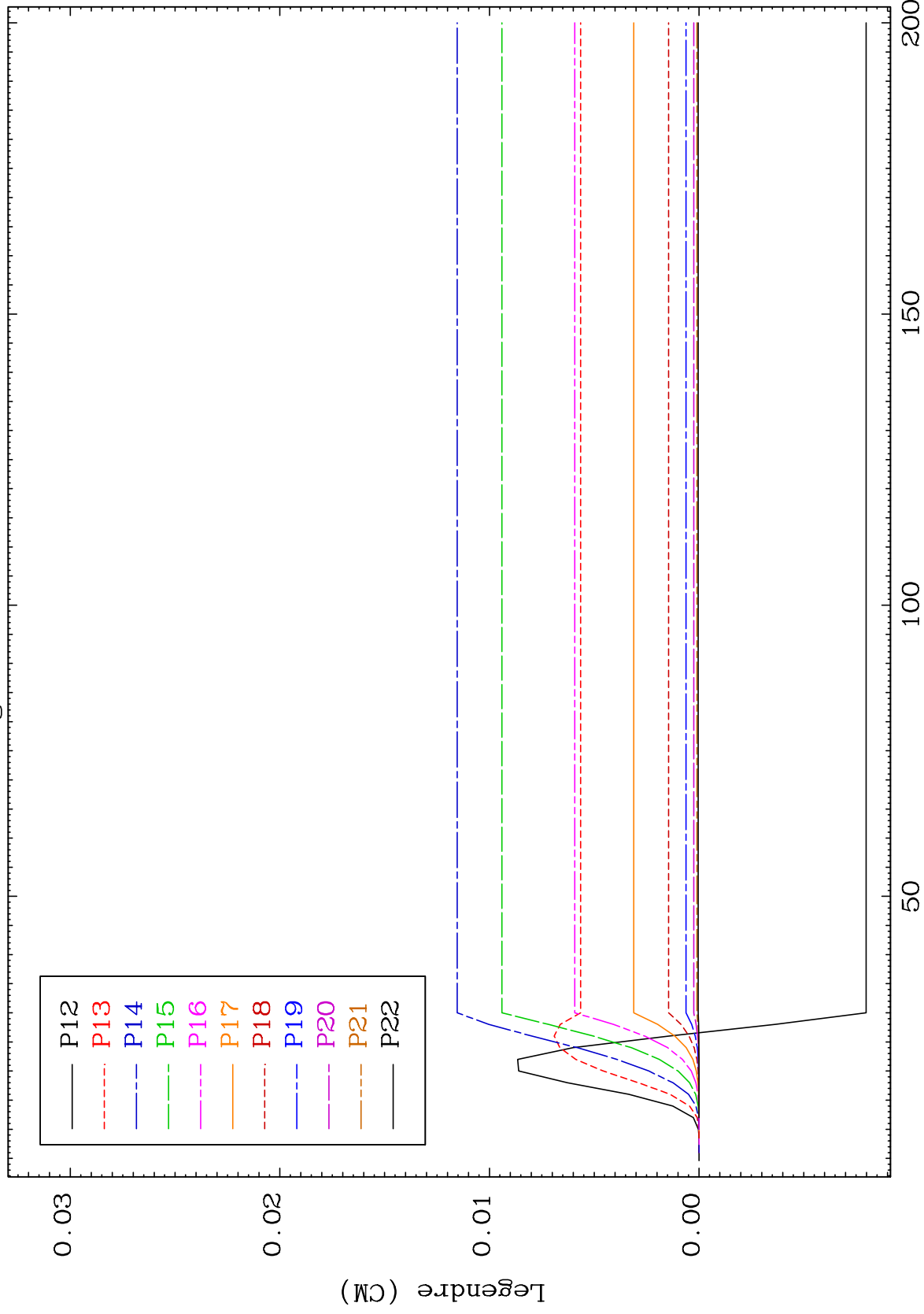




MAT 2731

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

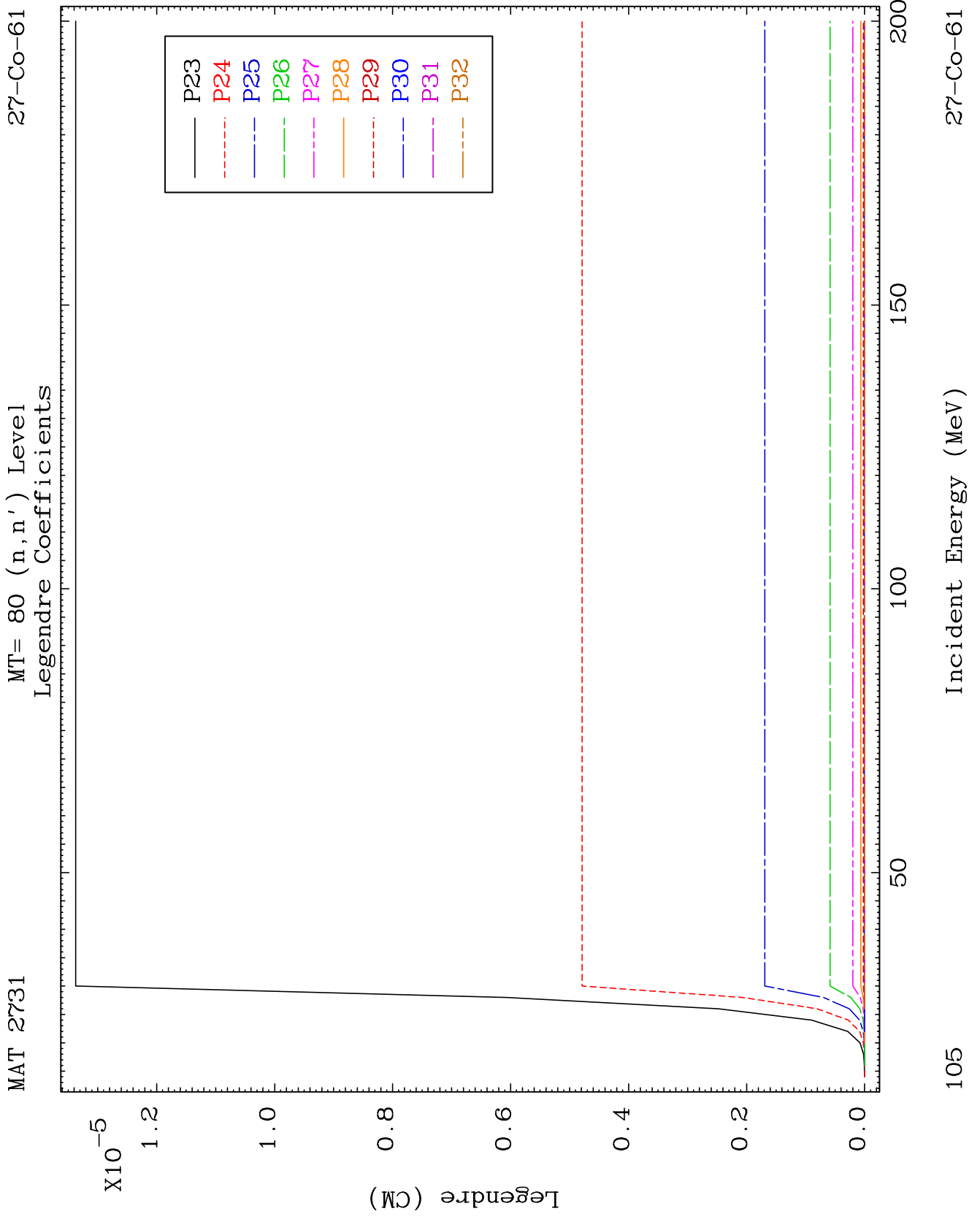
27-Co-61



104

Incident Energy (MeV)

27-Co-61

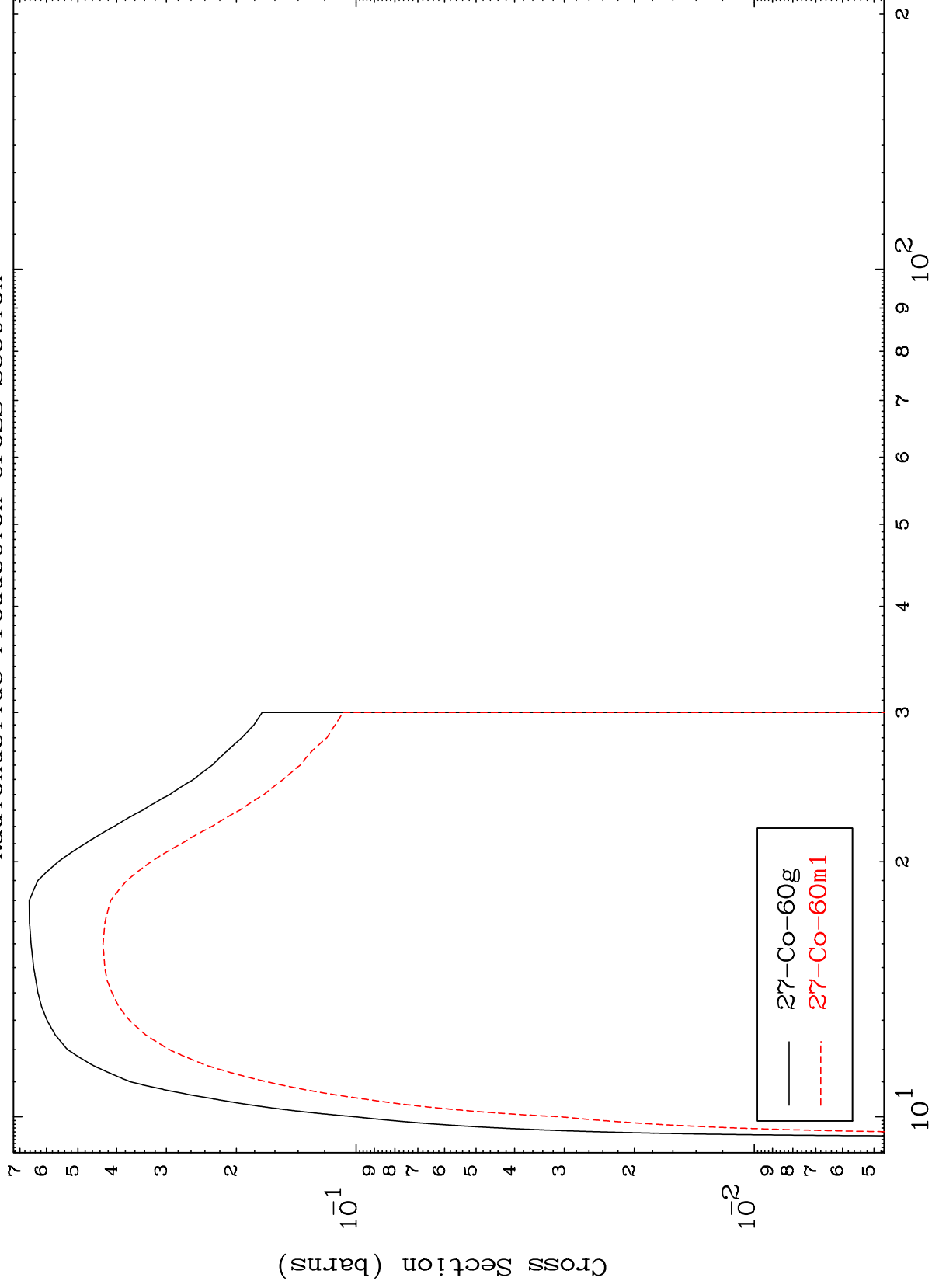


MAT 2731

<sup>27</sup>Co-61

Radionuclide Production Cross Section

(n,2n)



<sup>27</sup>Co-61

Incident Energy (MeV)

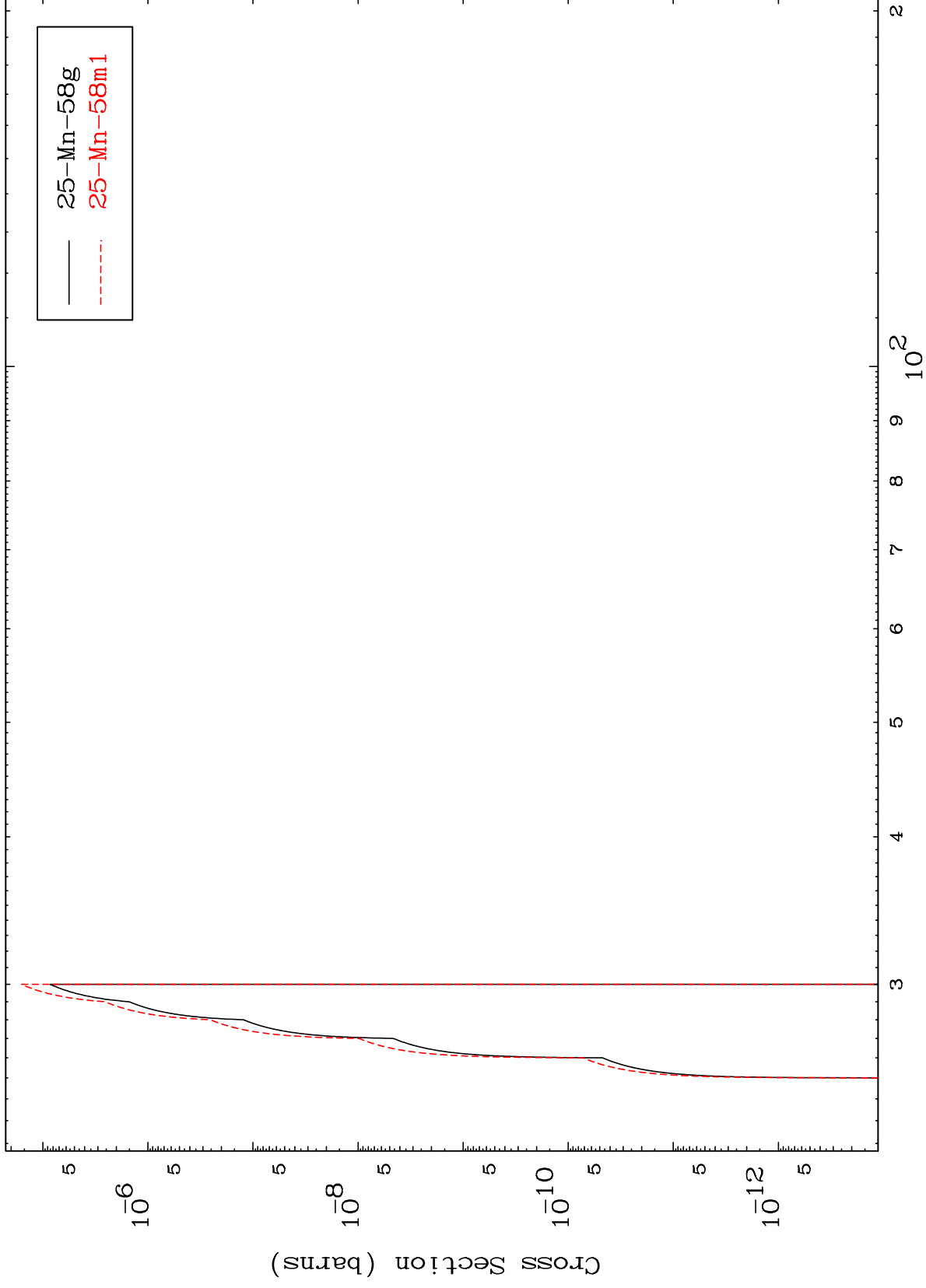
106

MAT 2731

(n,n') He-3

27-Co-61

Radionuclide Production Cross Section



107

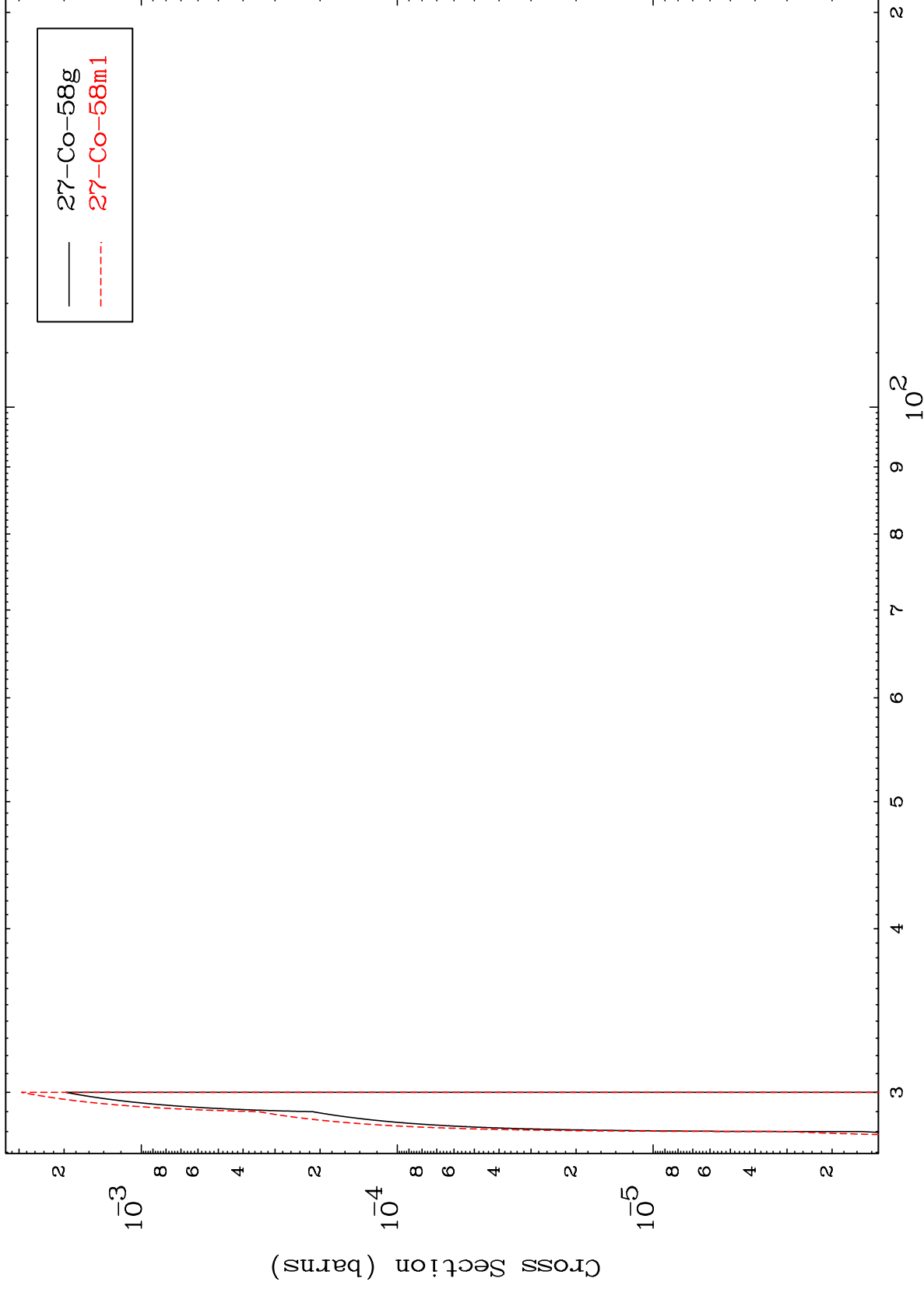
Incident Energy (MeV)

27-Co-61

MAT 2731

<sup>27</sup>Co-61

(n,4n)  
Radionuclide Production Cross Section



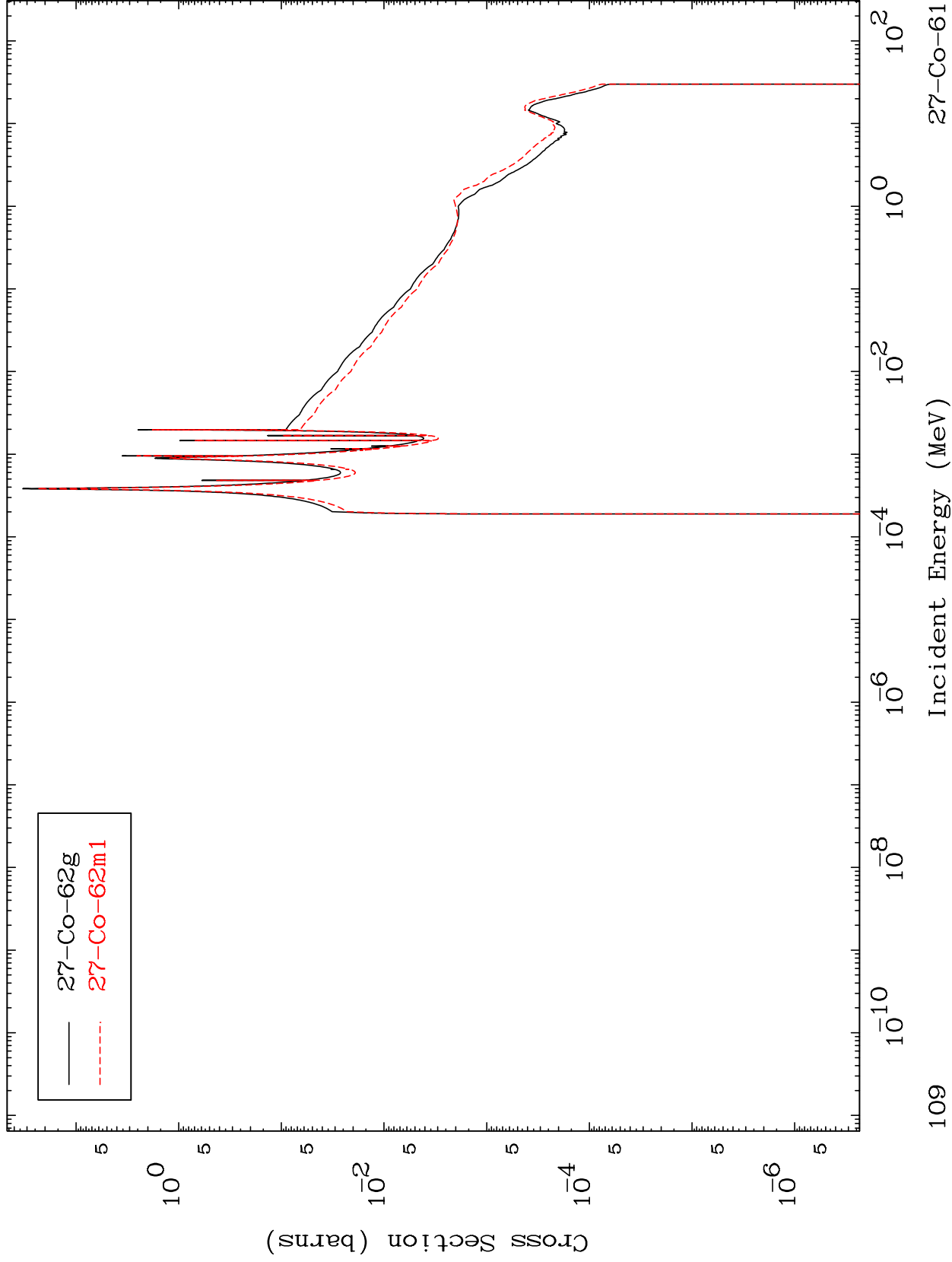
108

<sup>27</sup>Co-61

MAT 2731

27-Co-61

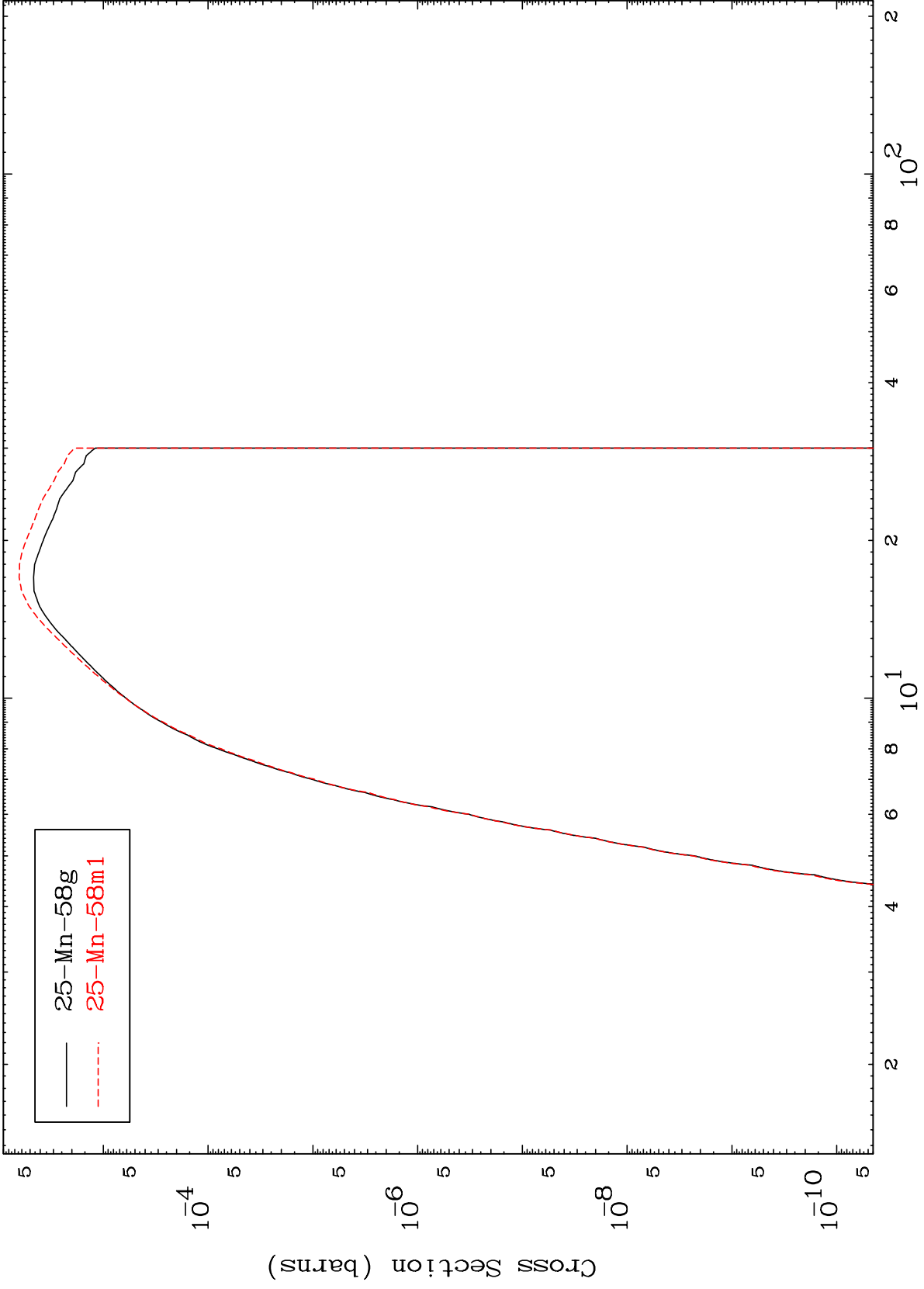
(n,γ)  
Radionuclide Production Cross Section



MAT 2731

27-Co-61

(n,  $\alpha$ )  
Radionuclide Production Cross Section



— 25-Mn-58g  
- - - 25-Mn-58m1

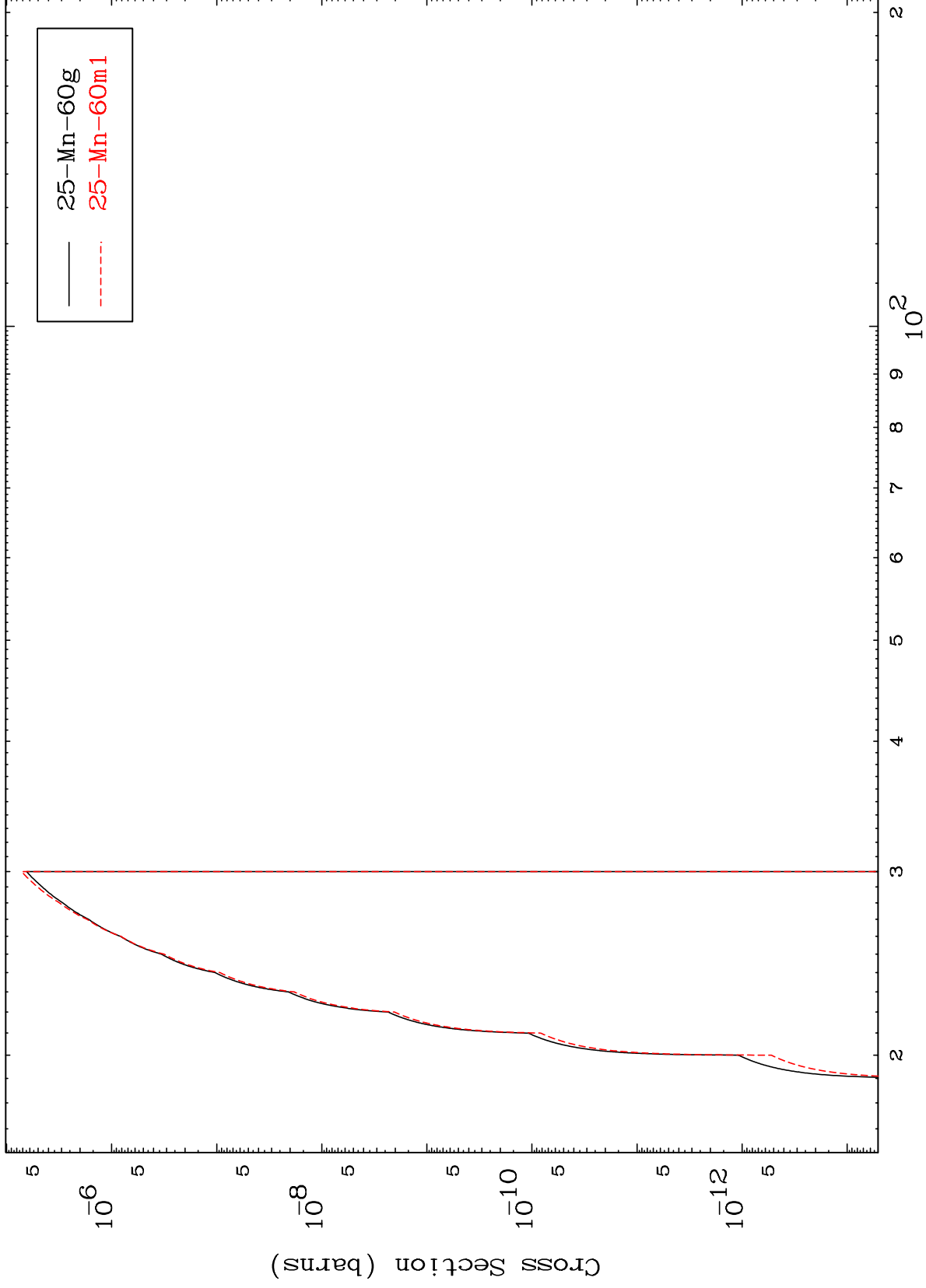
110

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

