

Program EVALPLOT  
(Version 2018-1)

by

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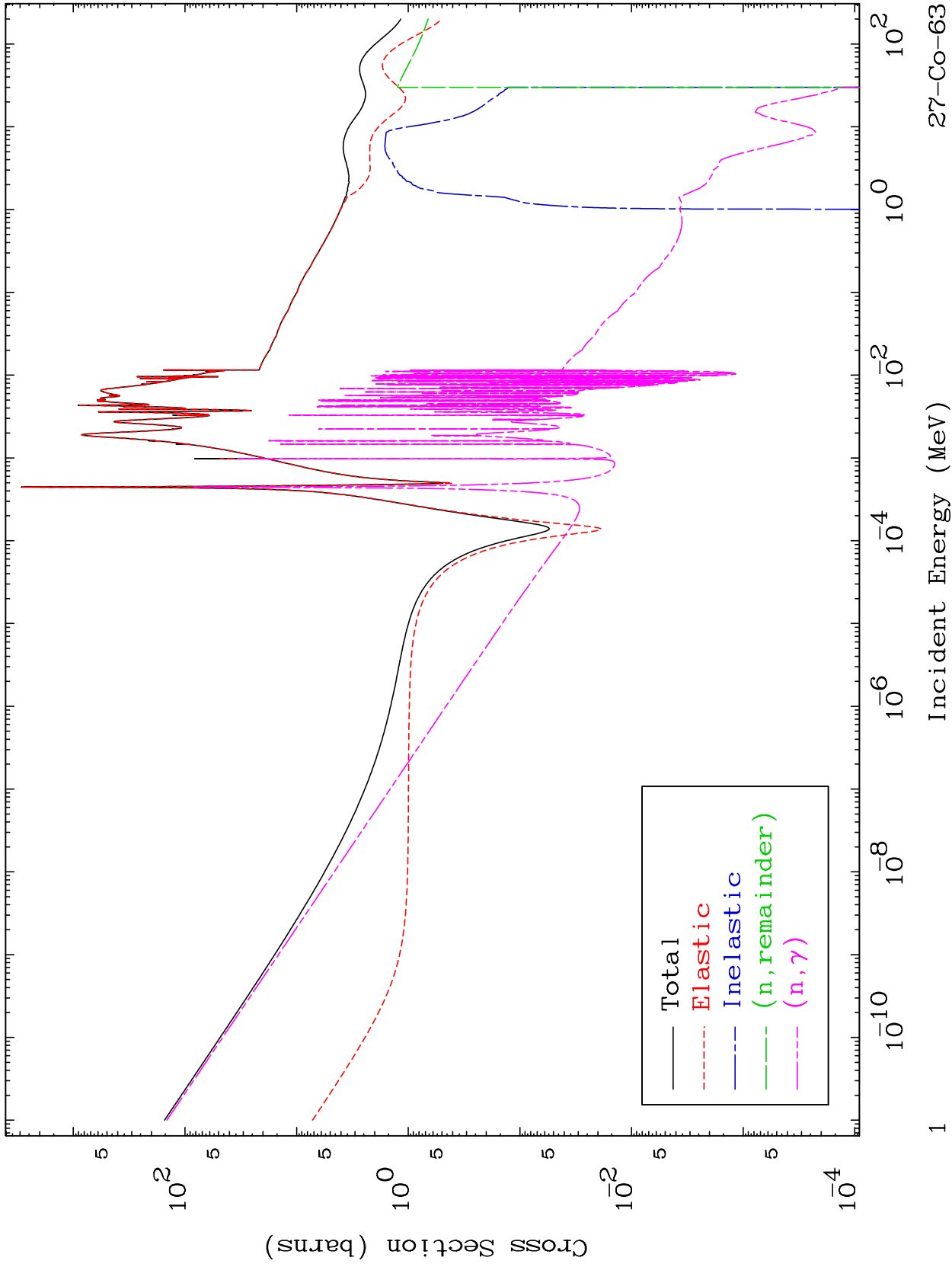
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2737

Major  
293 Kelvin Cross Sections

27-Co-63



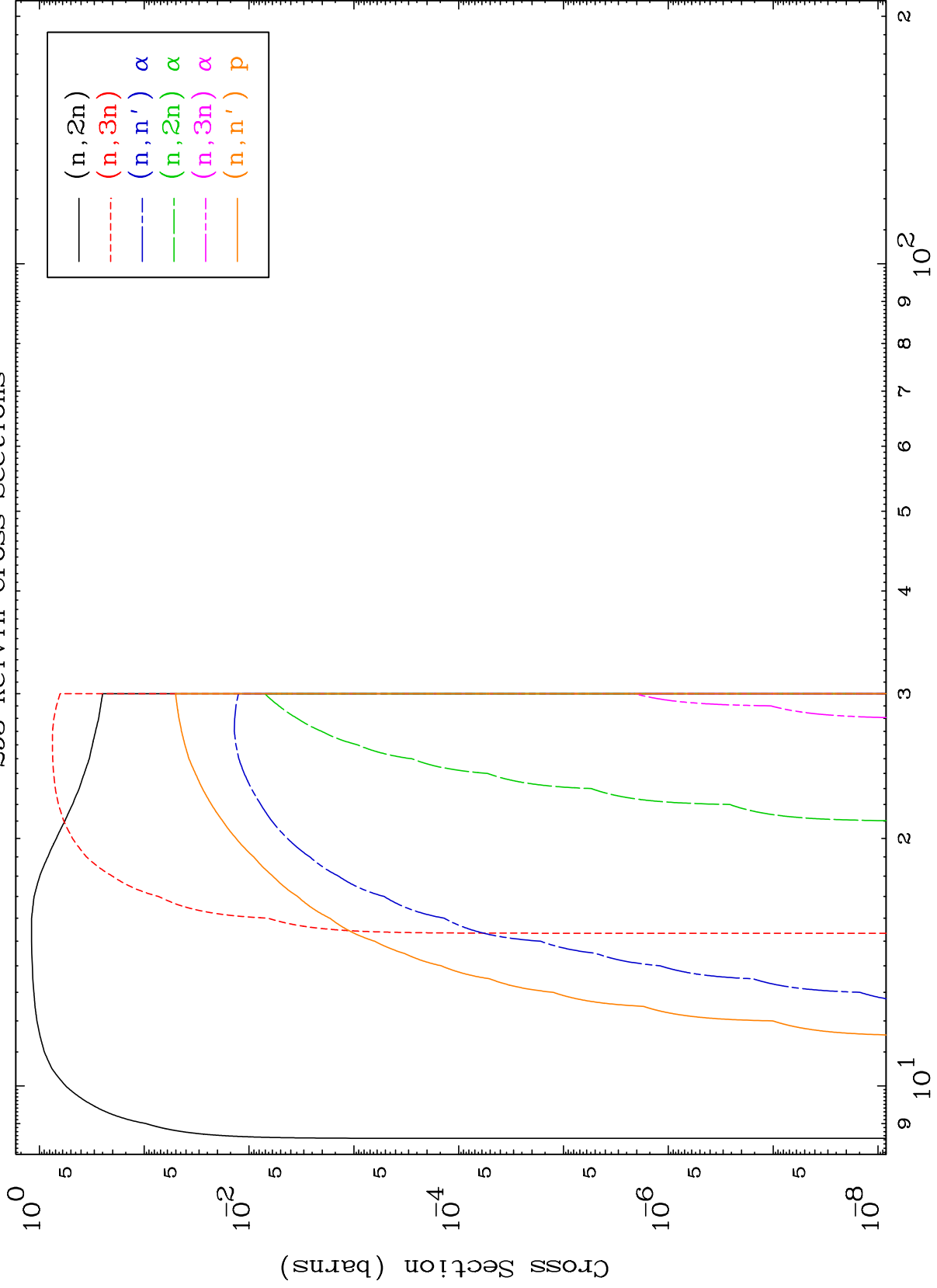
1

27-Co-63

MAT 2737

Neutron Production  
293 Kelvin Cross Sections

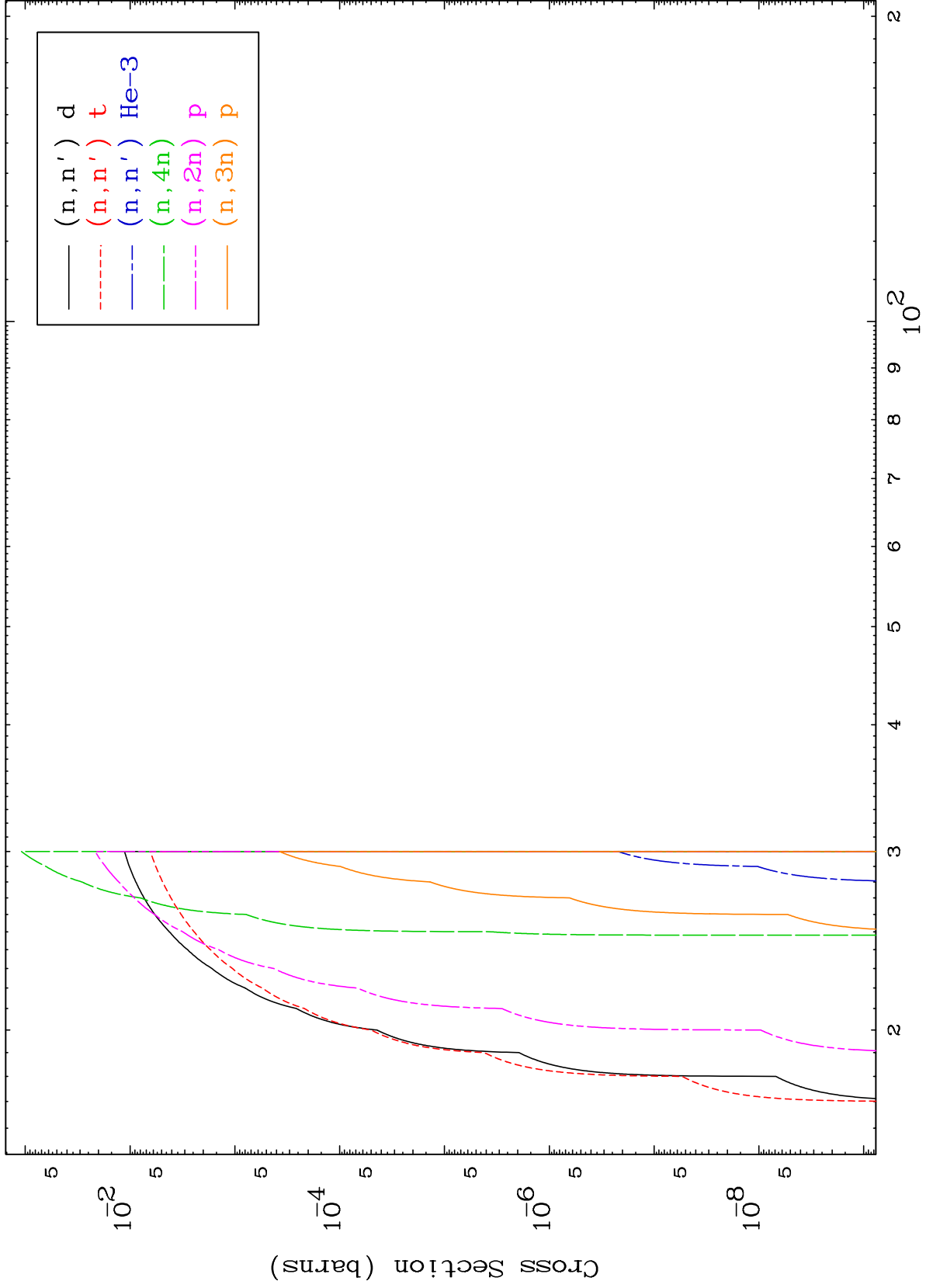
27-Co-63



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Incident Energy (MeV)

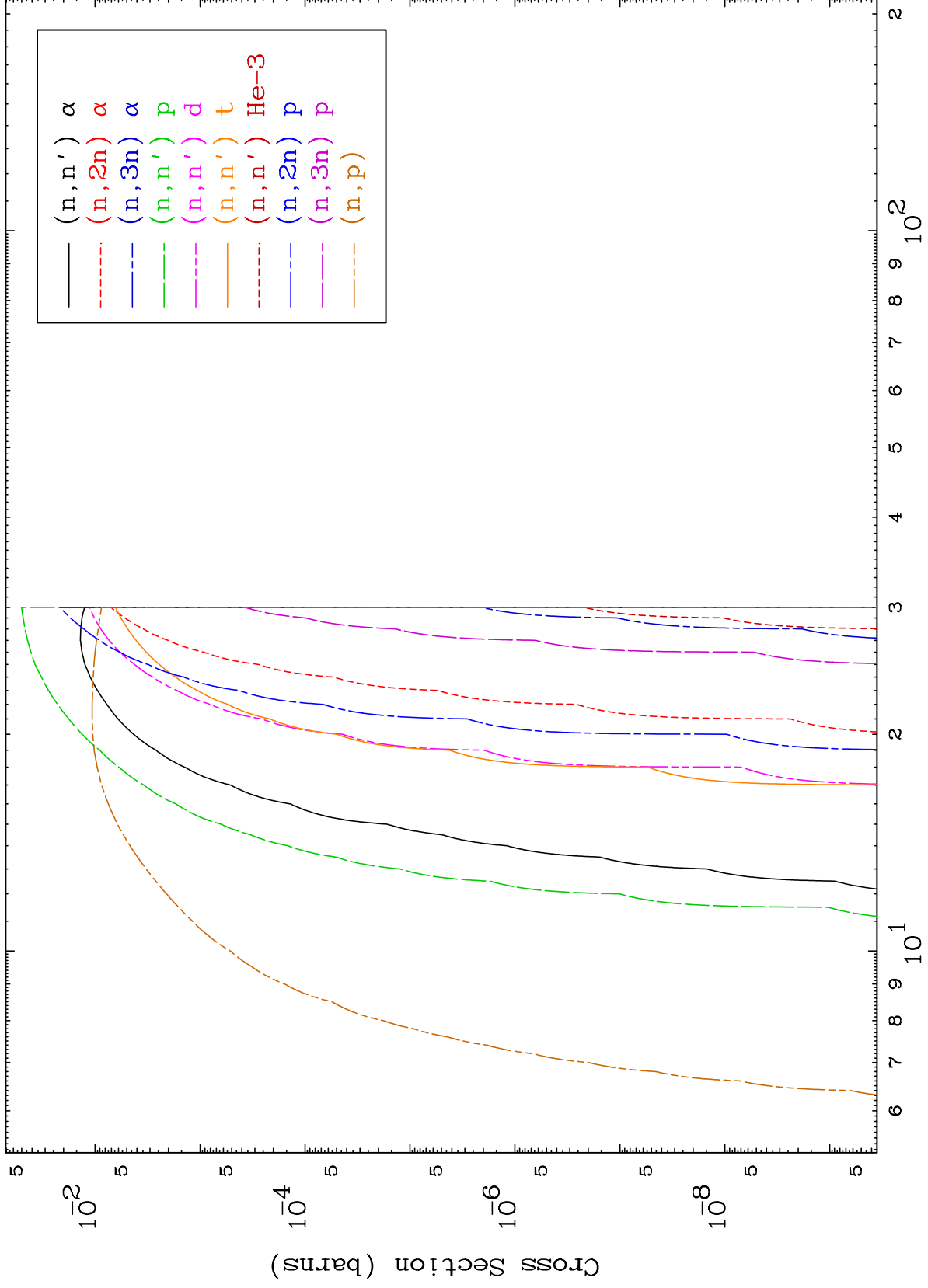
27-Co-63

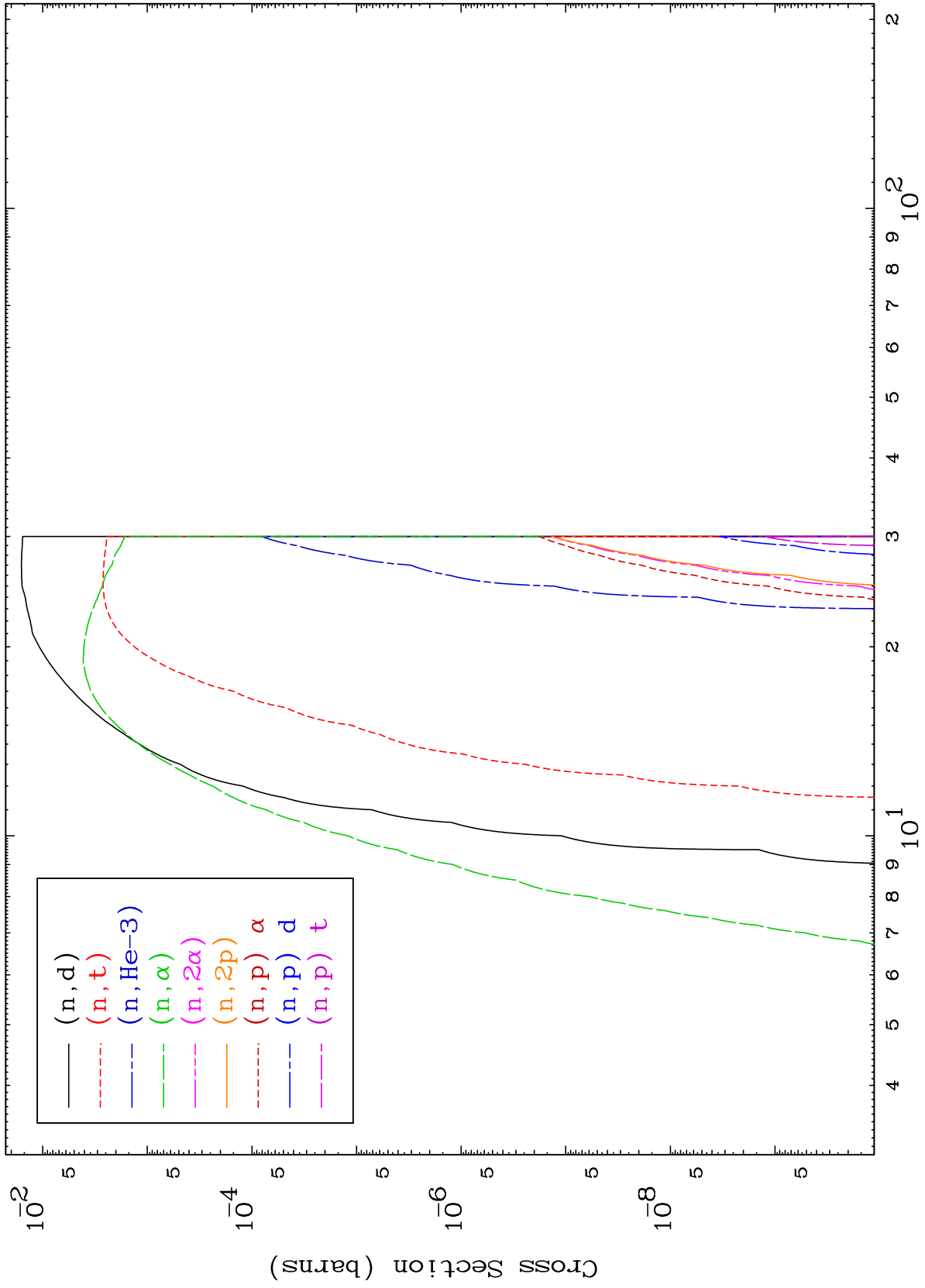


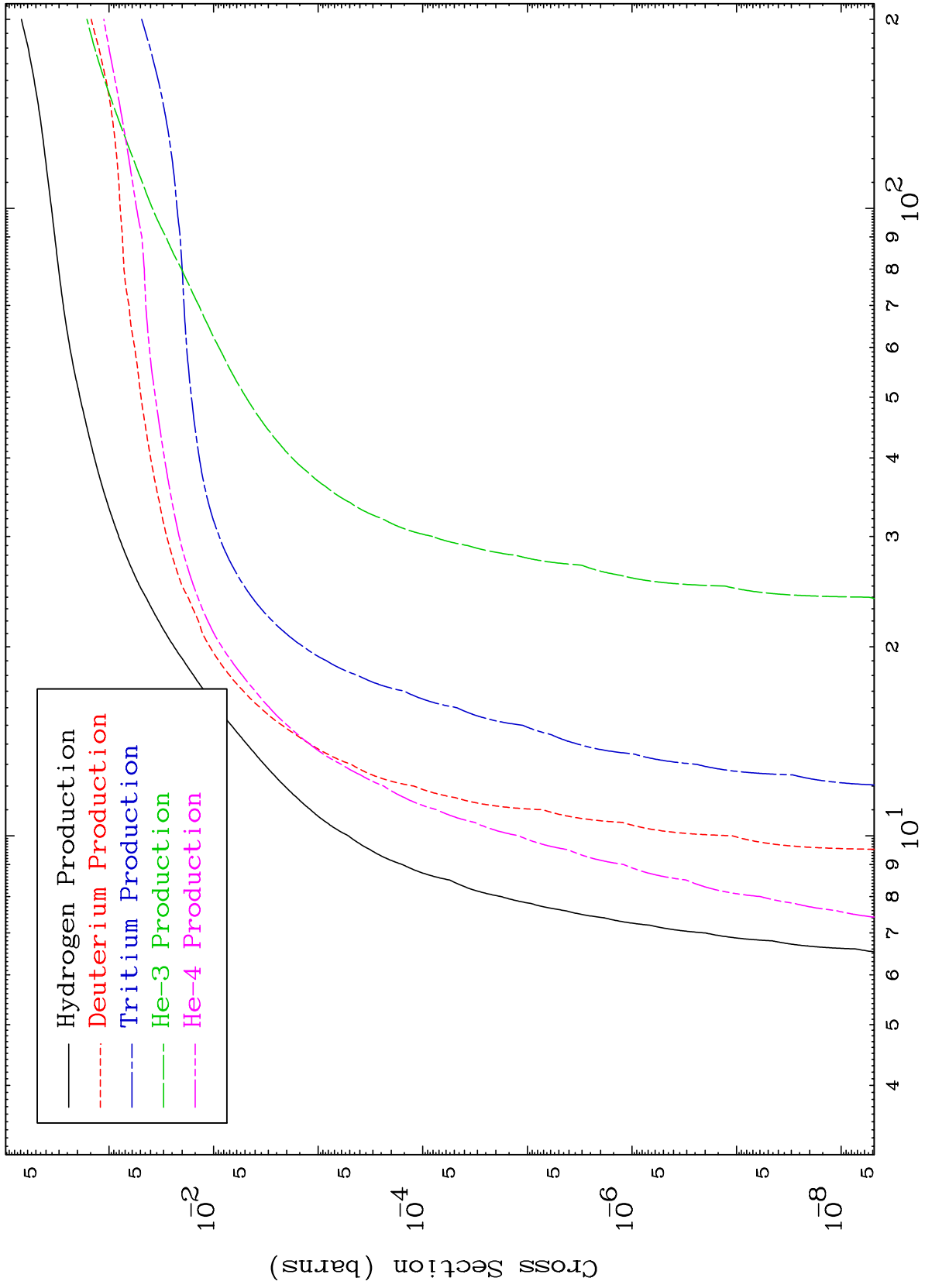
MAT 2737

Charged Particle  
293 Kelvin Cross Sections

27-Co-63





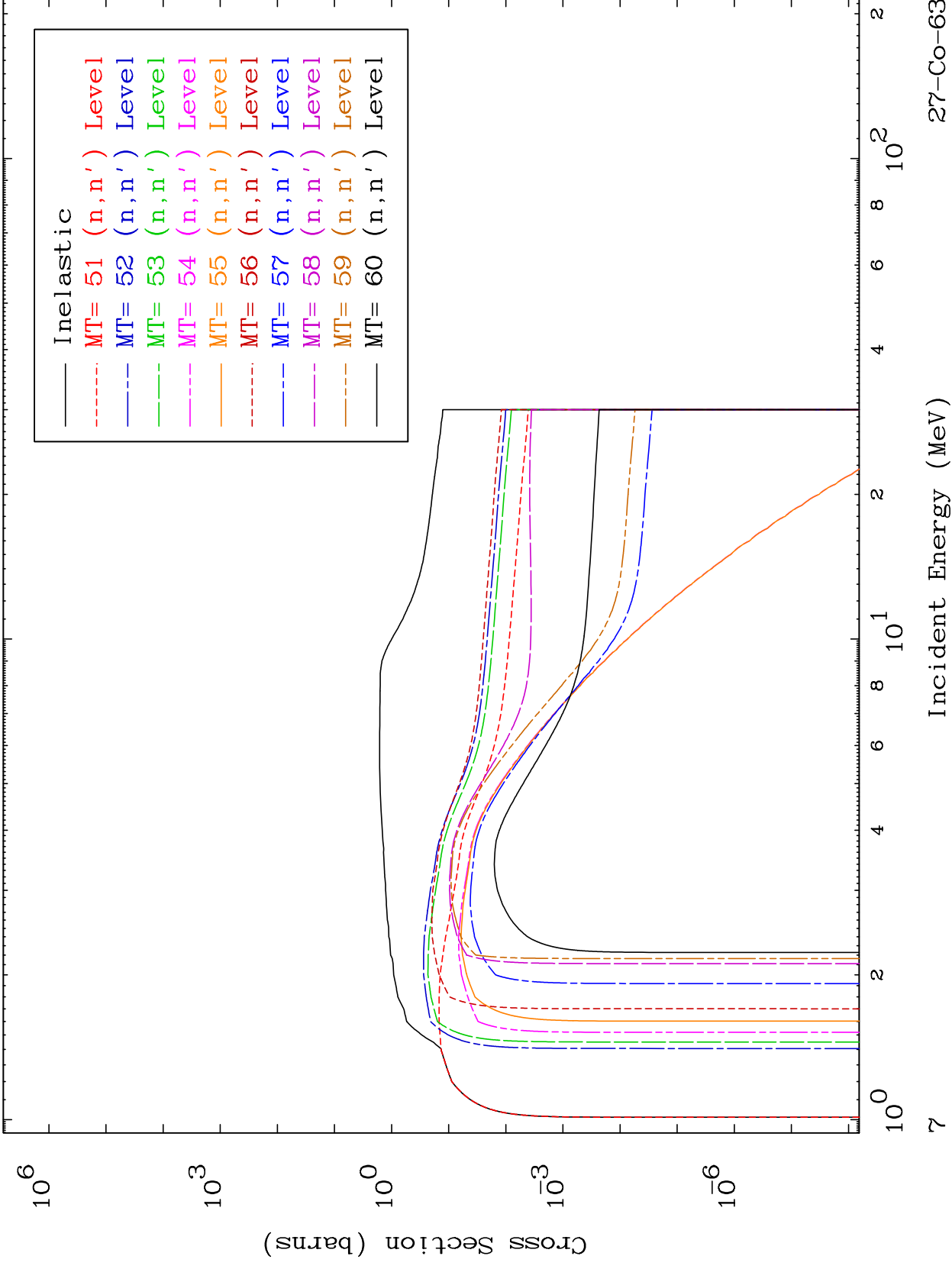


MAT 2737

(n,n') Level

27-Co-63

293 Kelvin Cross Sections



Incident Energy (MeV)

27-Co-63

7

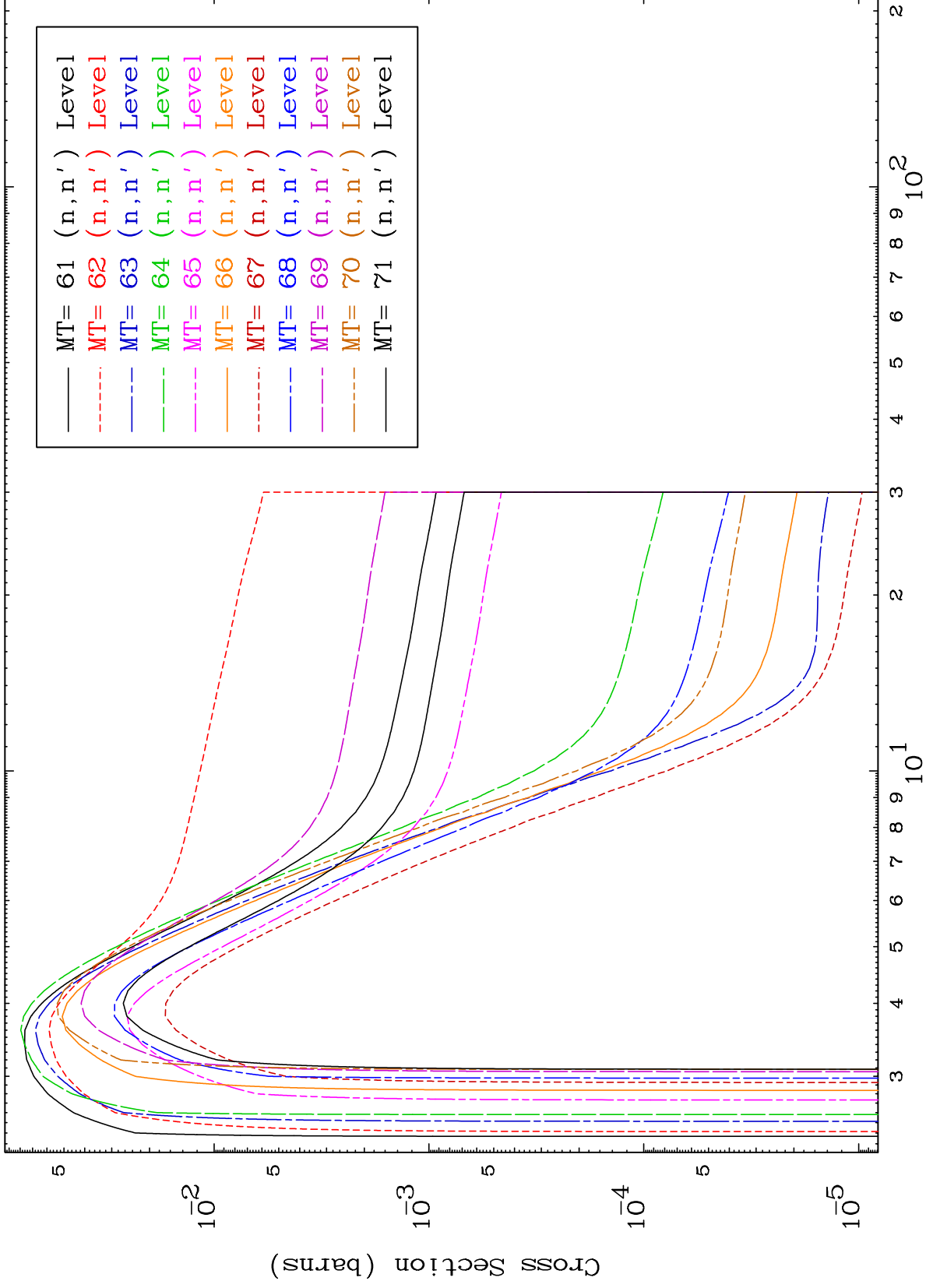


MAT 2737

(n,n') Level

27-Co-63

293 Kelvin Cross Sections

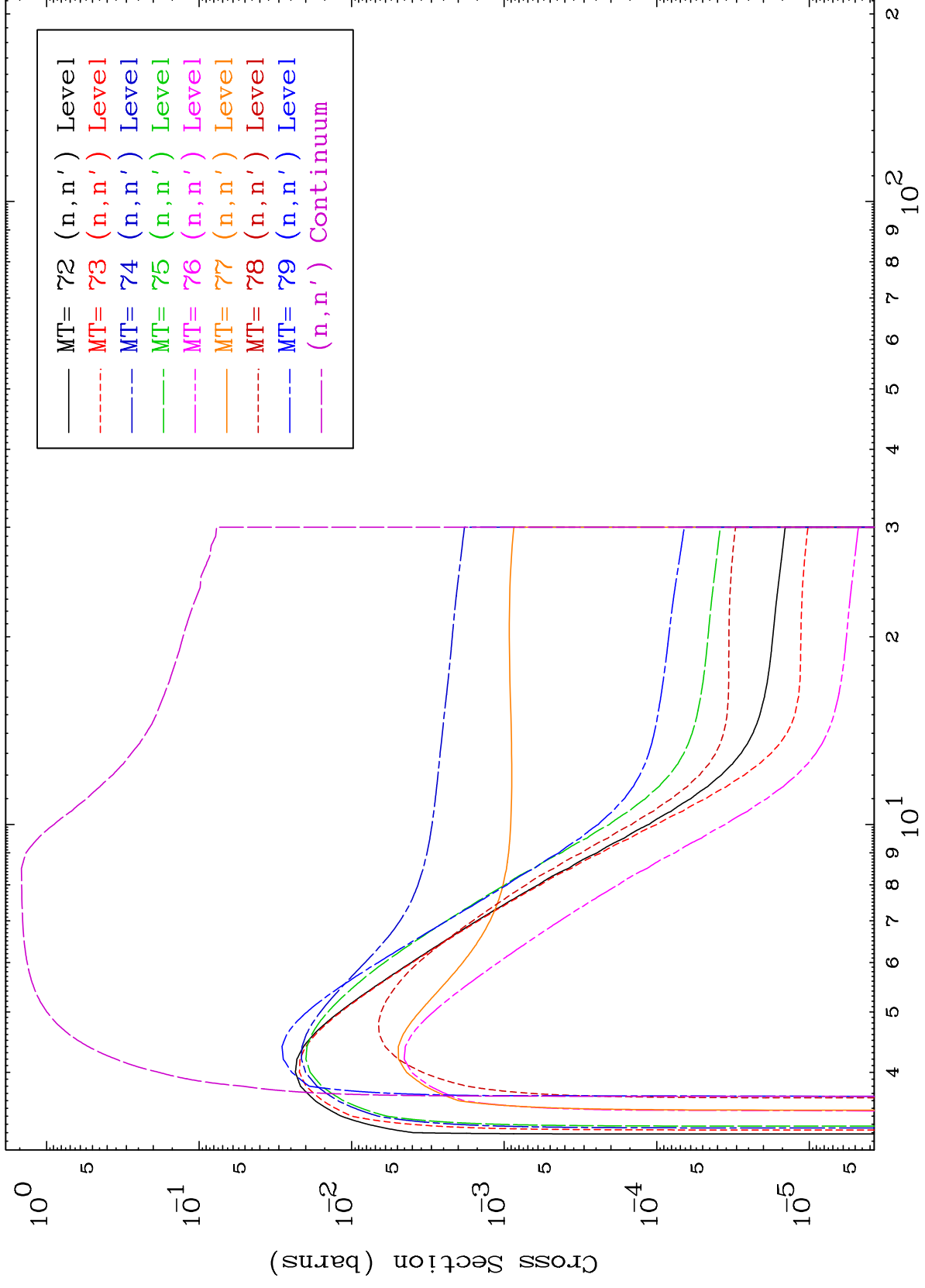


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Incident Energy (MeV)

27-Co-63

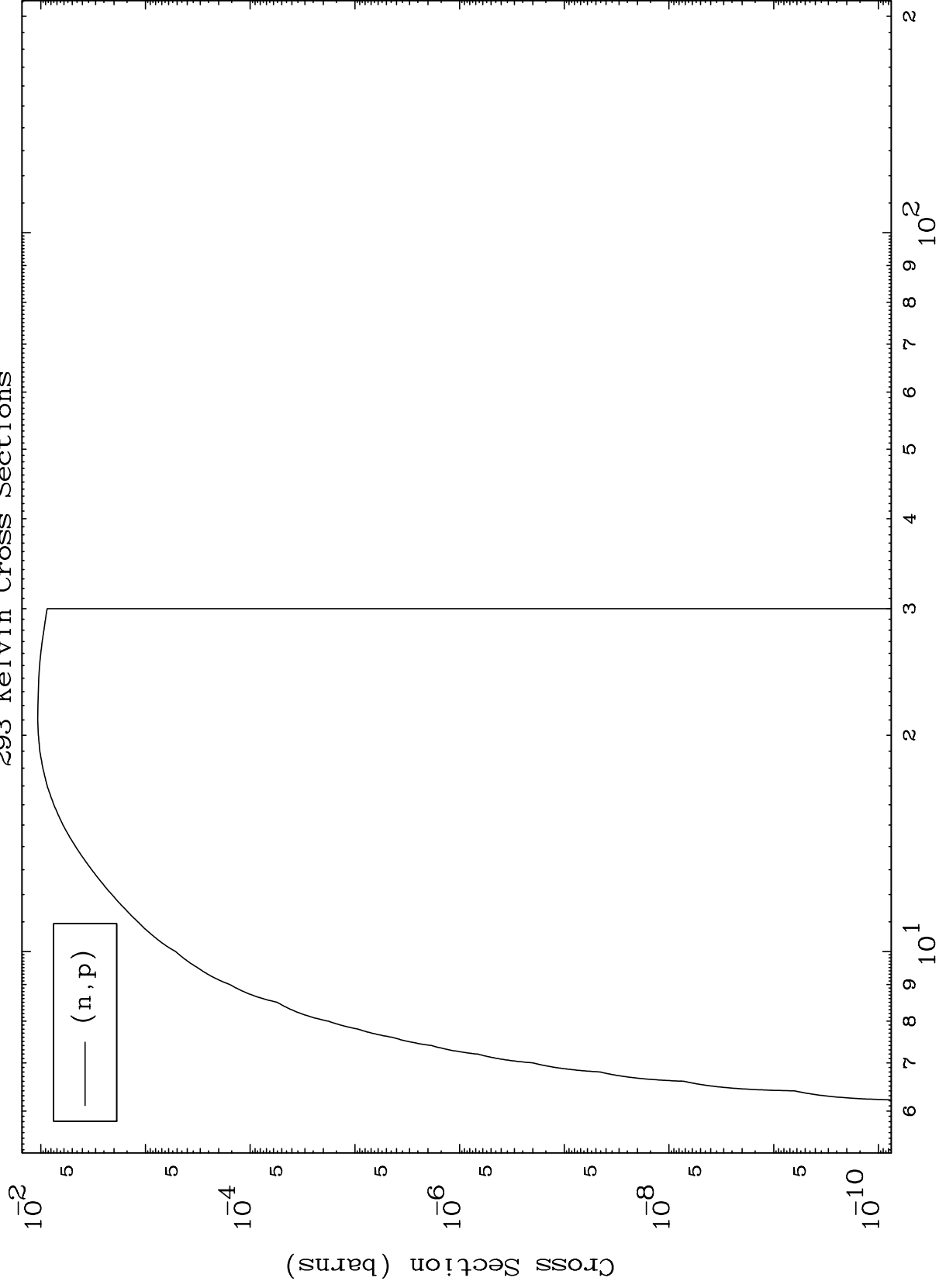
293 Kelvin Cross Sections



MAT 2737

(n,p) Levels  
293 Kelvin Cross Sections

27-Co-63



10

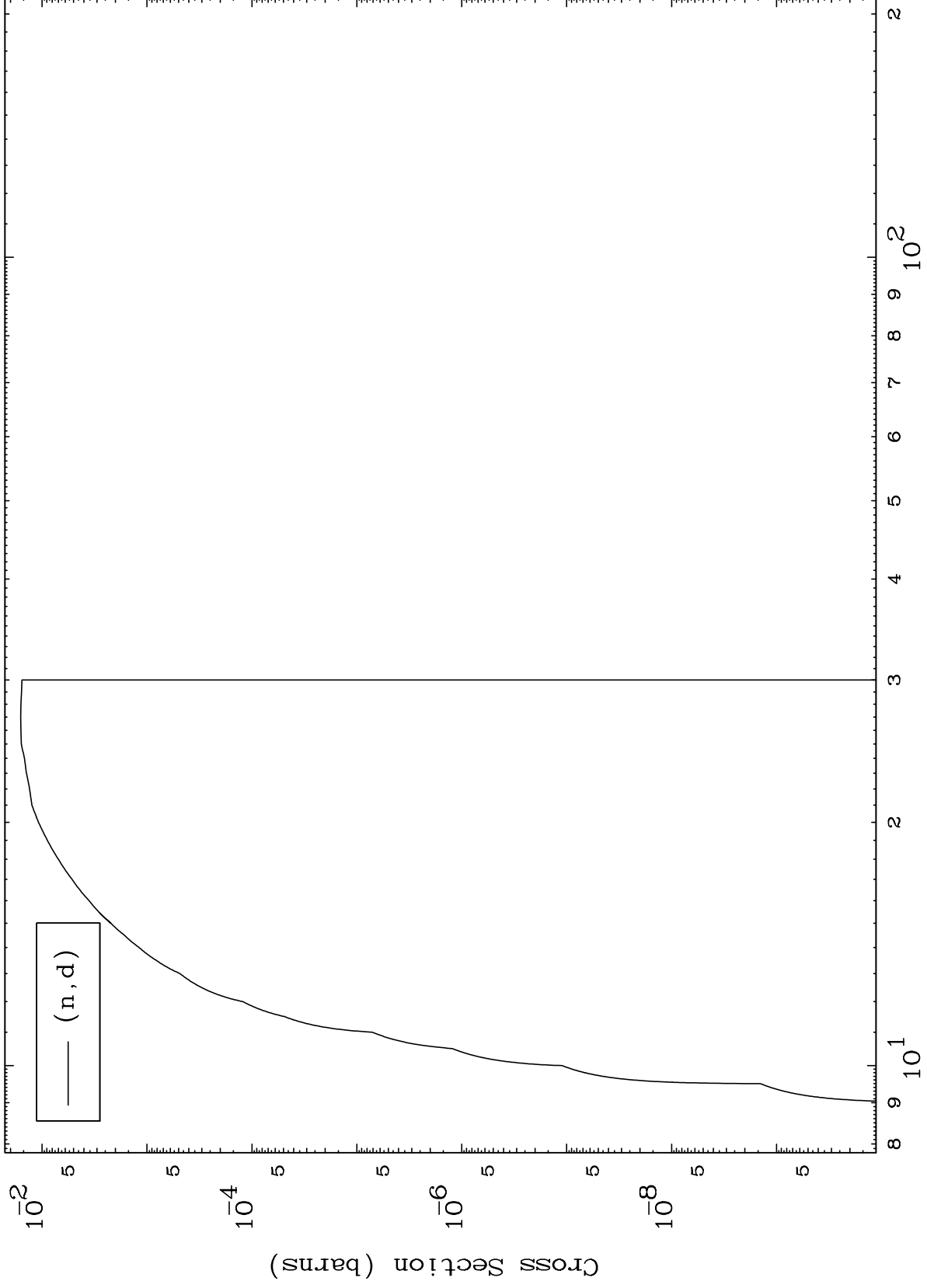
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-63



11

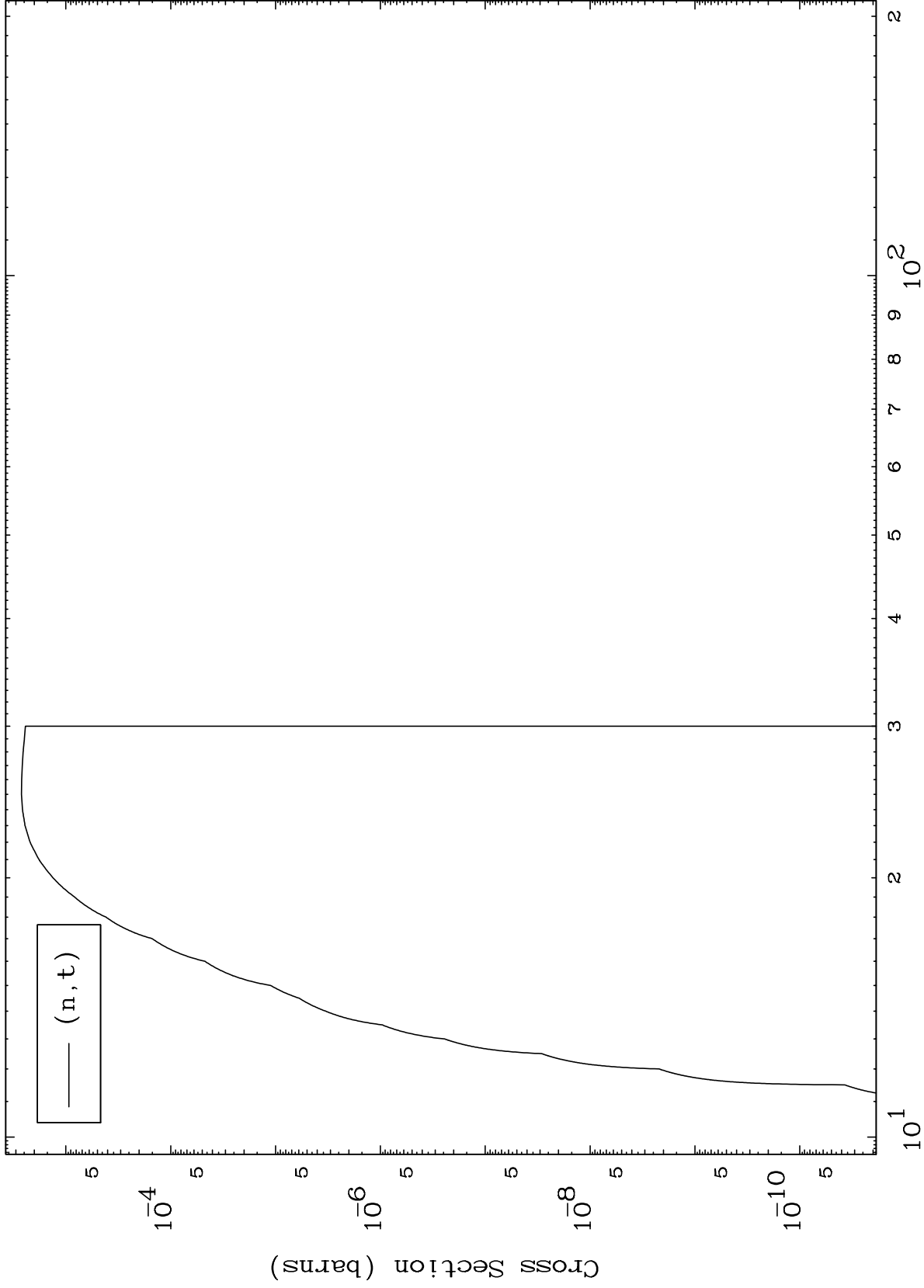
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-63



Incident Energy (MeV)

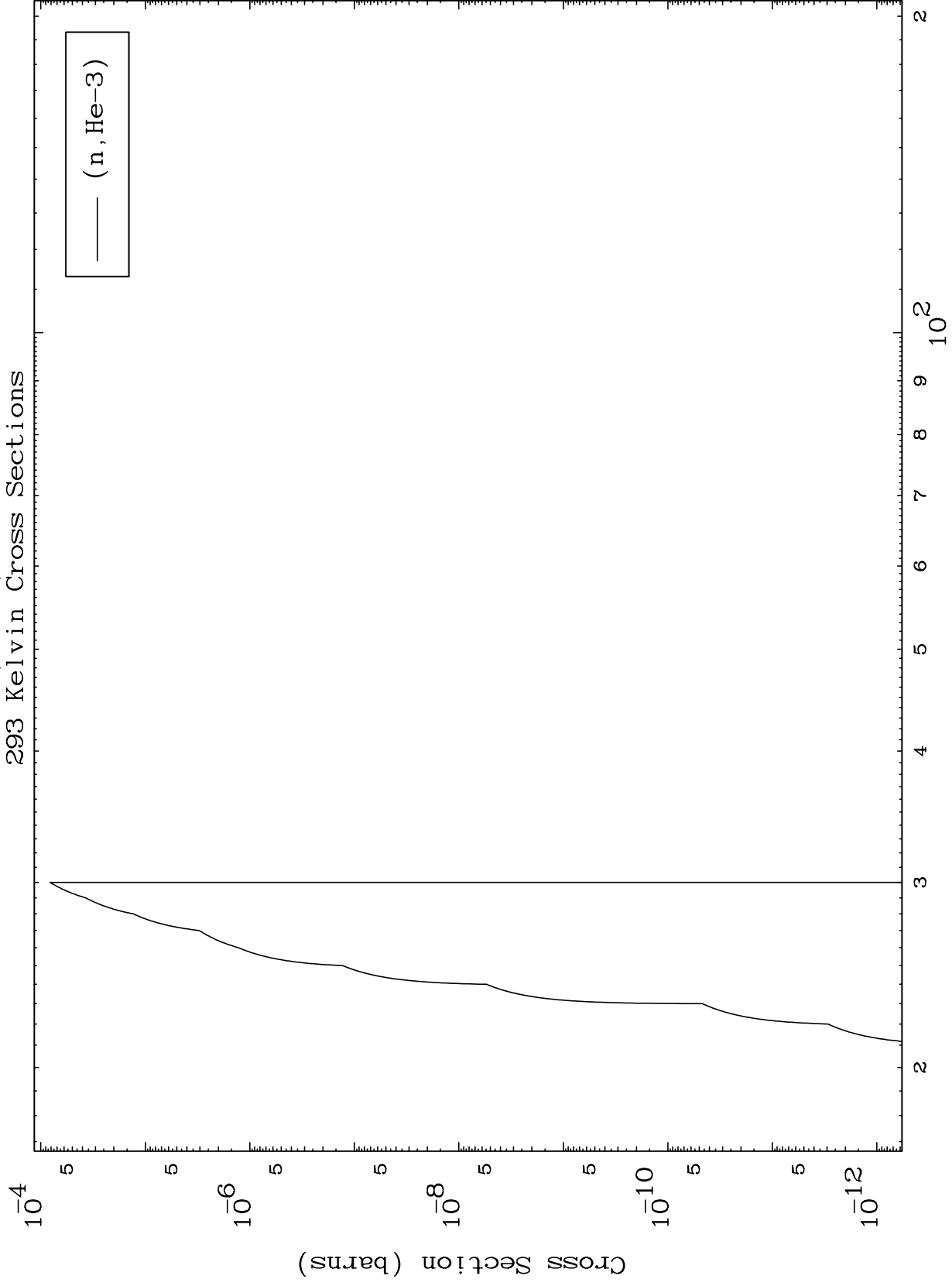
27-Co-63

12

MAT 2737

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-63



13

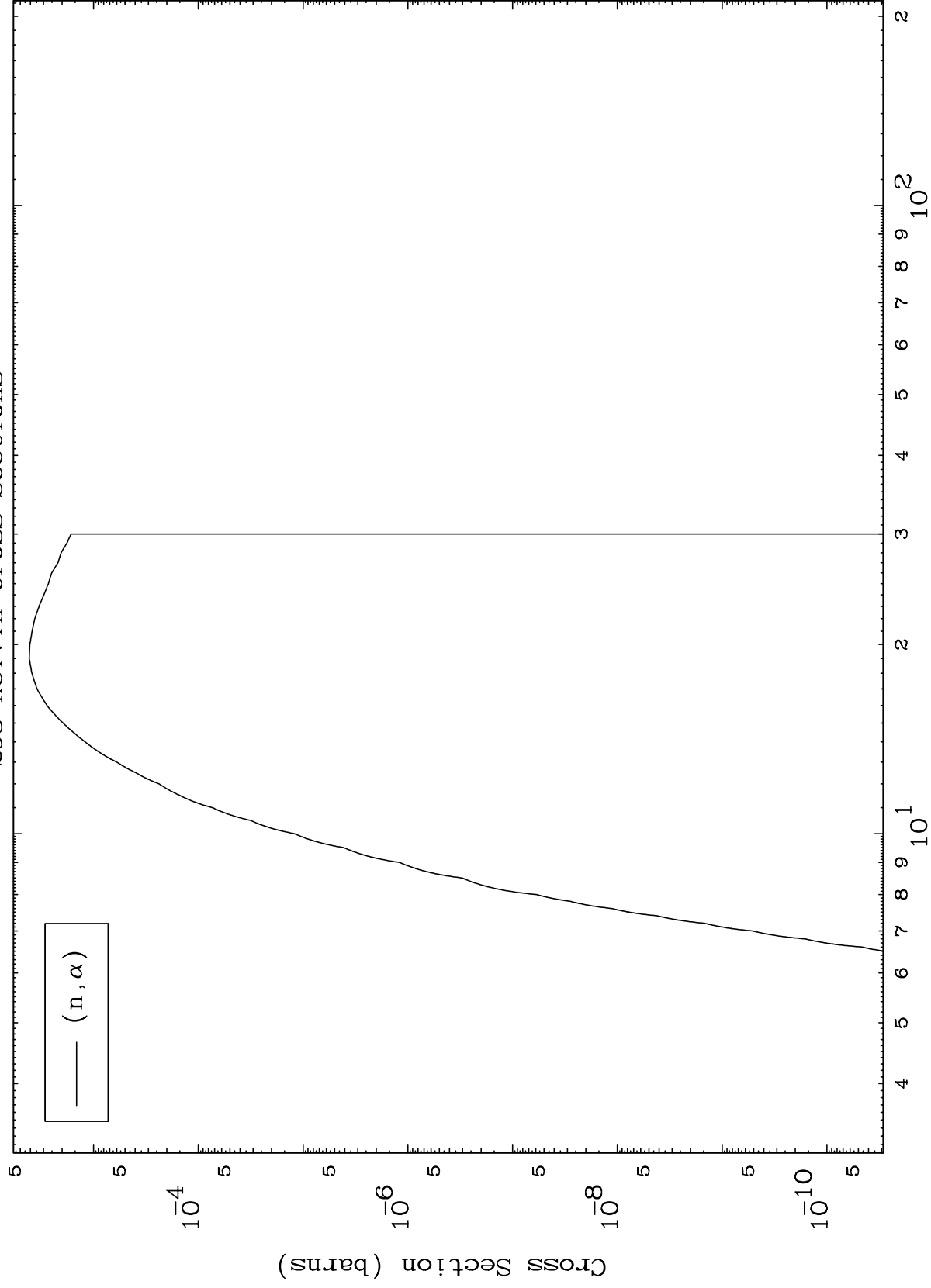
Incident Energy (MeV)

27-Co-63

MAT 2737

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

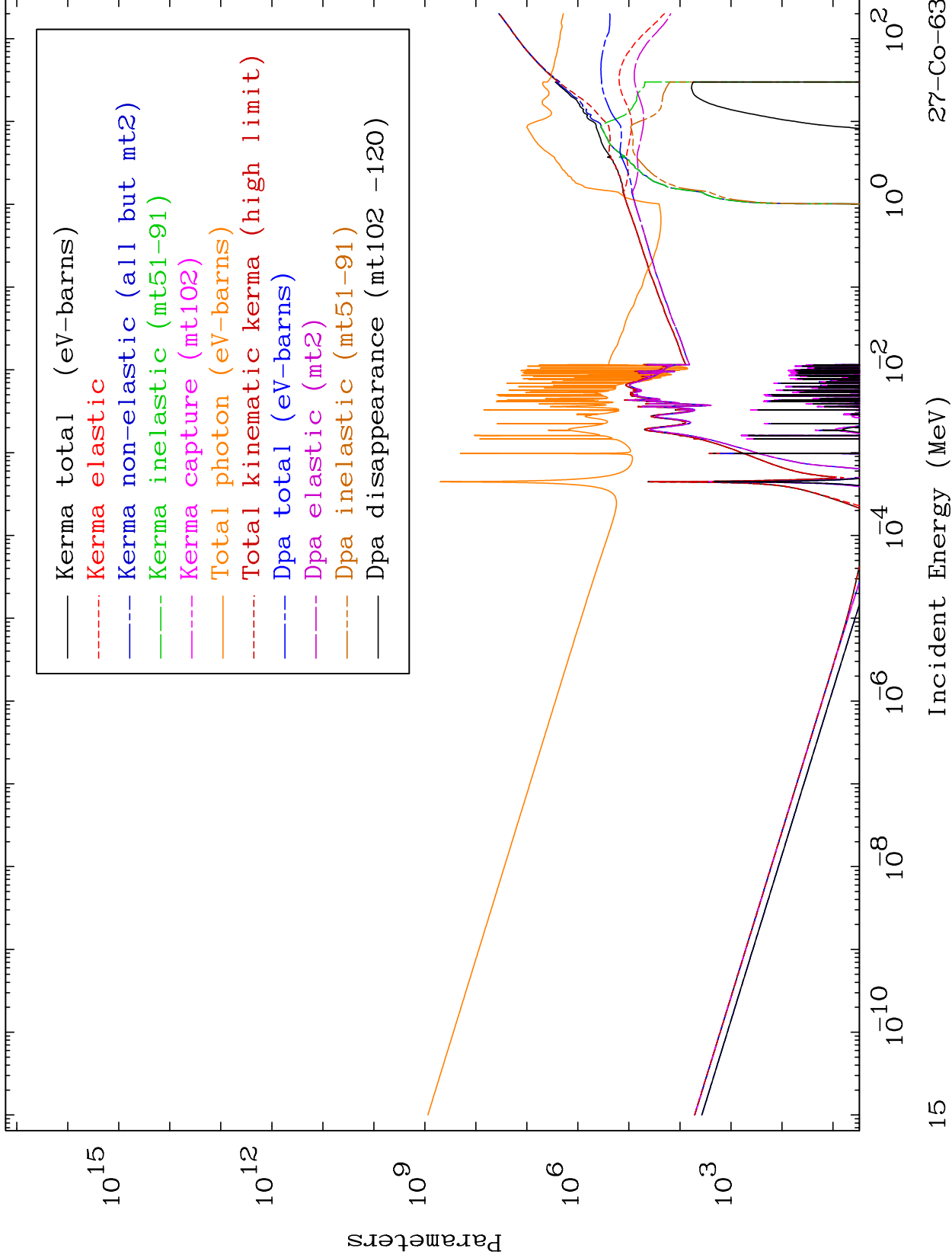
27-Co-63



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Incident Energy (MeV)

27-Co-63

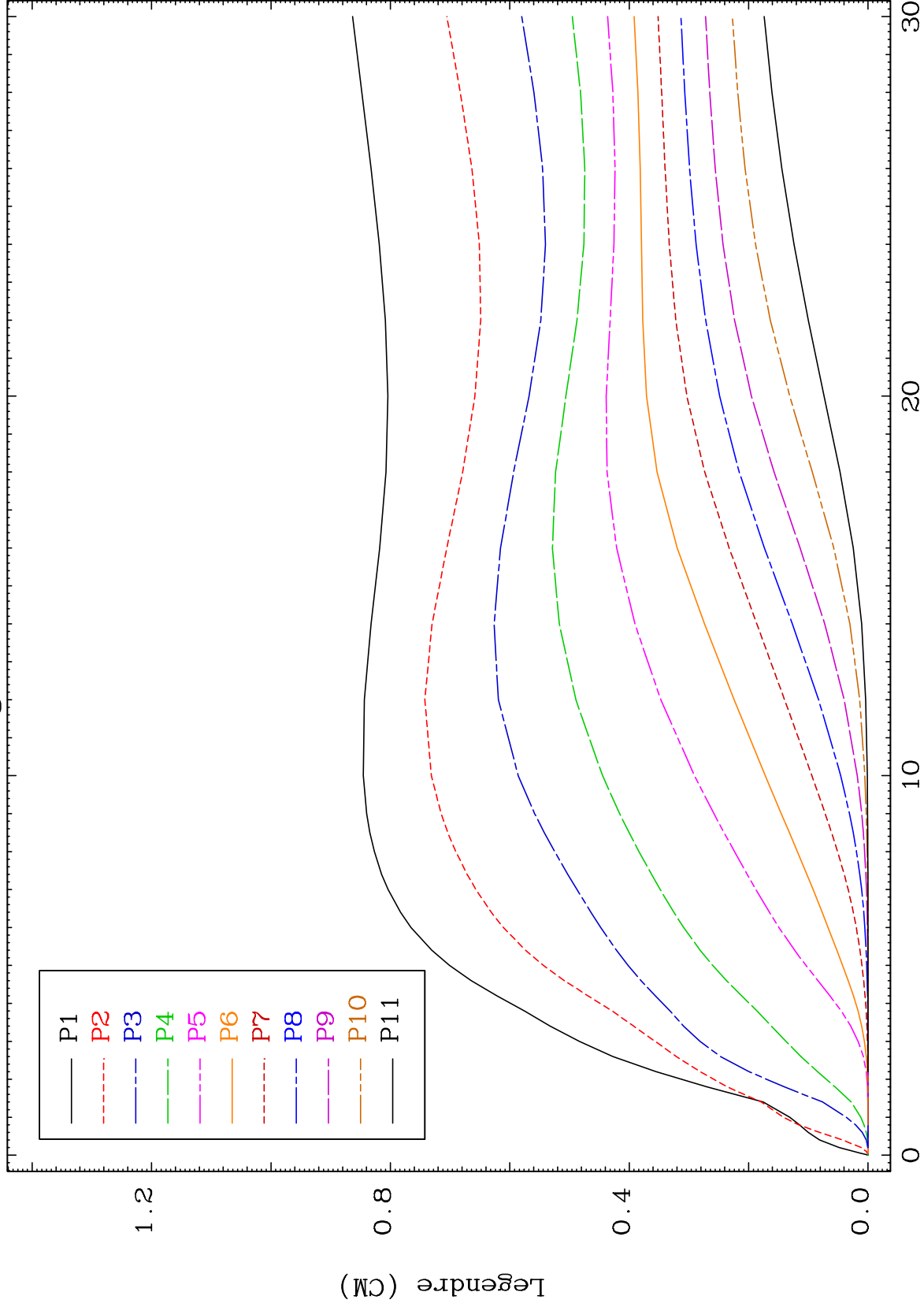




MAT 2737

Elastic Legendre Coefficients

27-Co-63



16

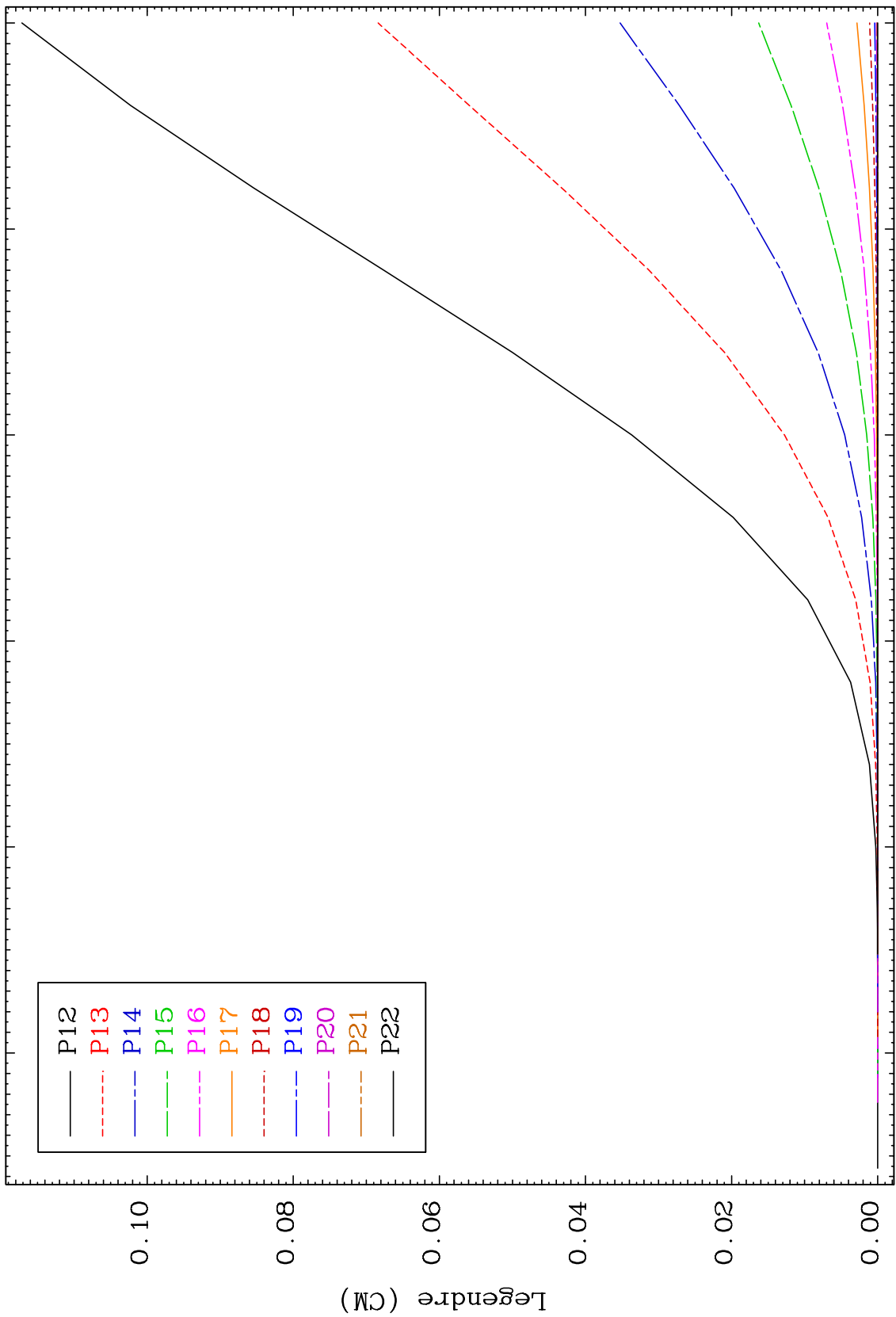
Incident Energy (MeV)

27-Co-63

MAT 2737

Elastic Legendre Coefficients

27-Co-63



17

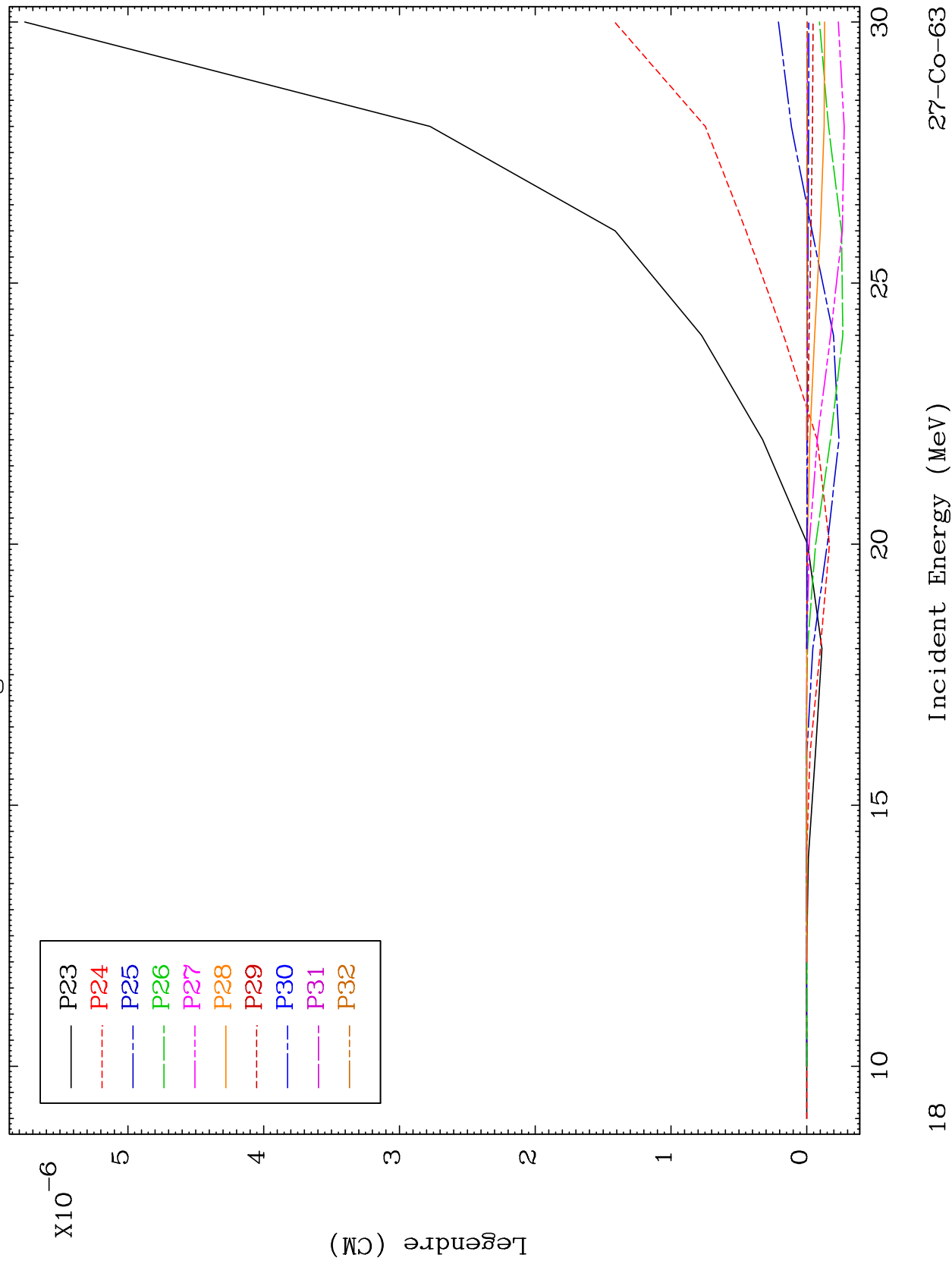
27-Co-63

Incident Energy (MeV)

MAT 2737

Elastic  
Legendre Coefficients

27-Co-63



18

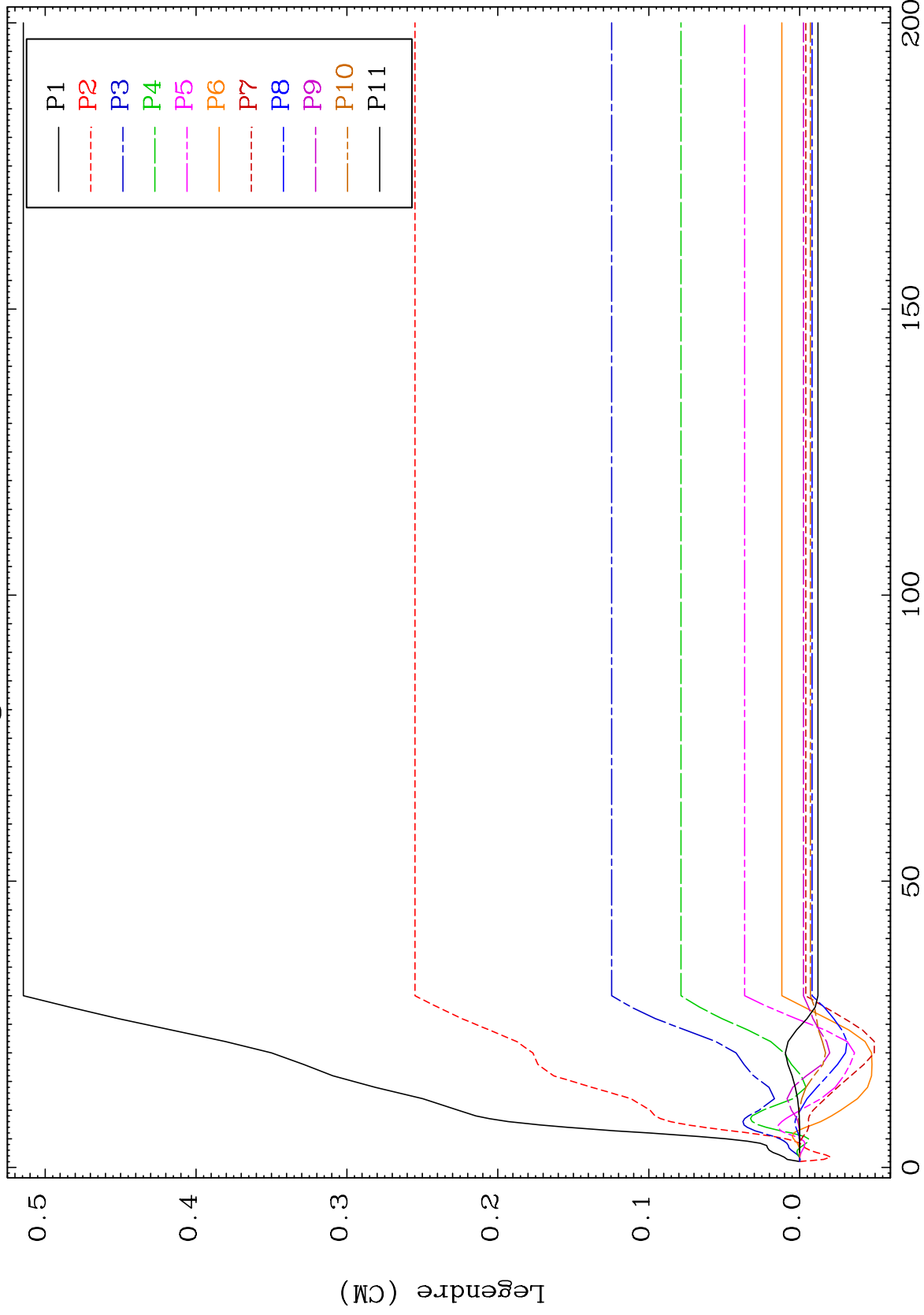
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



19

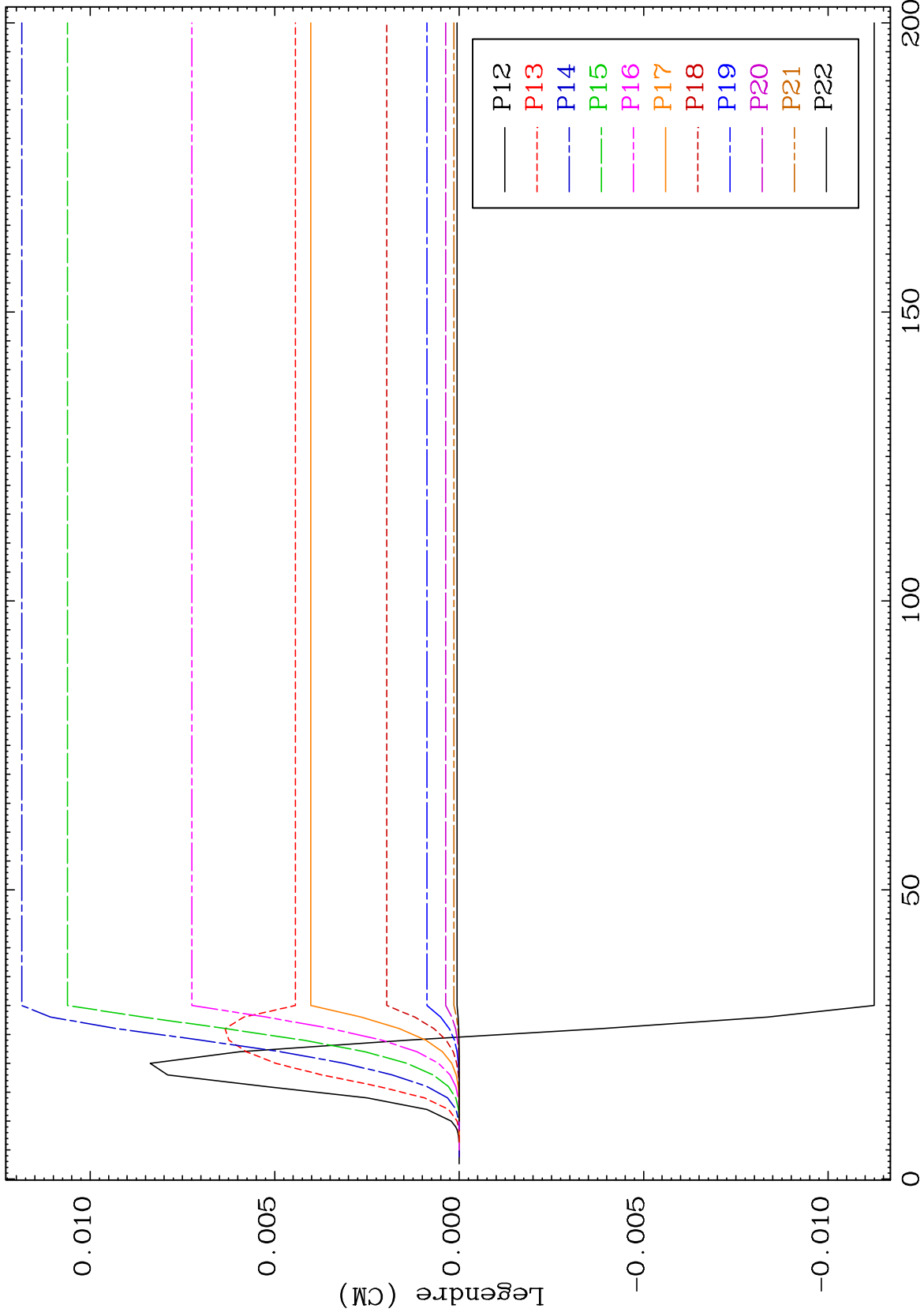
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



20

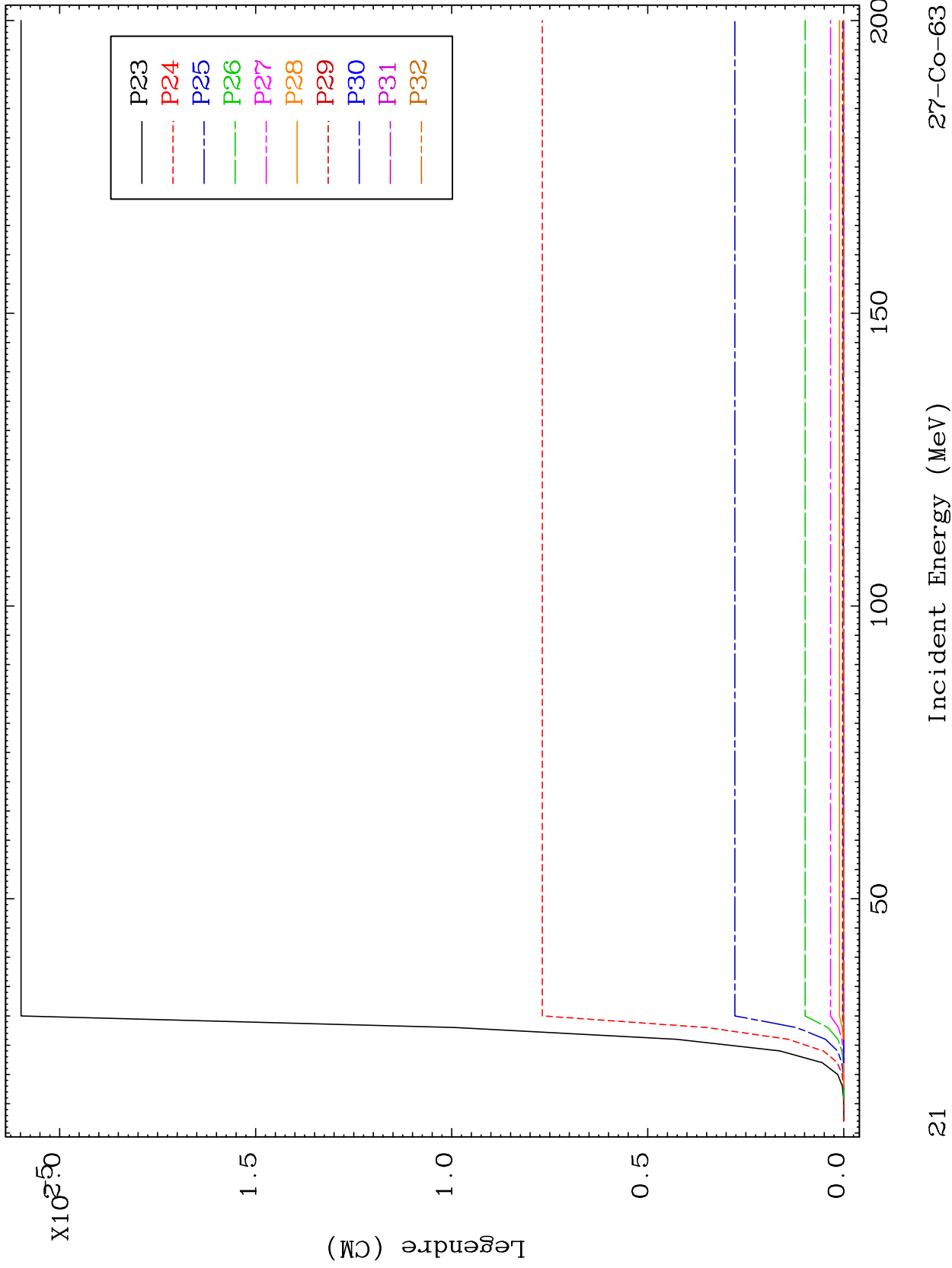
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



21

Incident Energy (MeV)

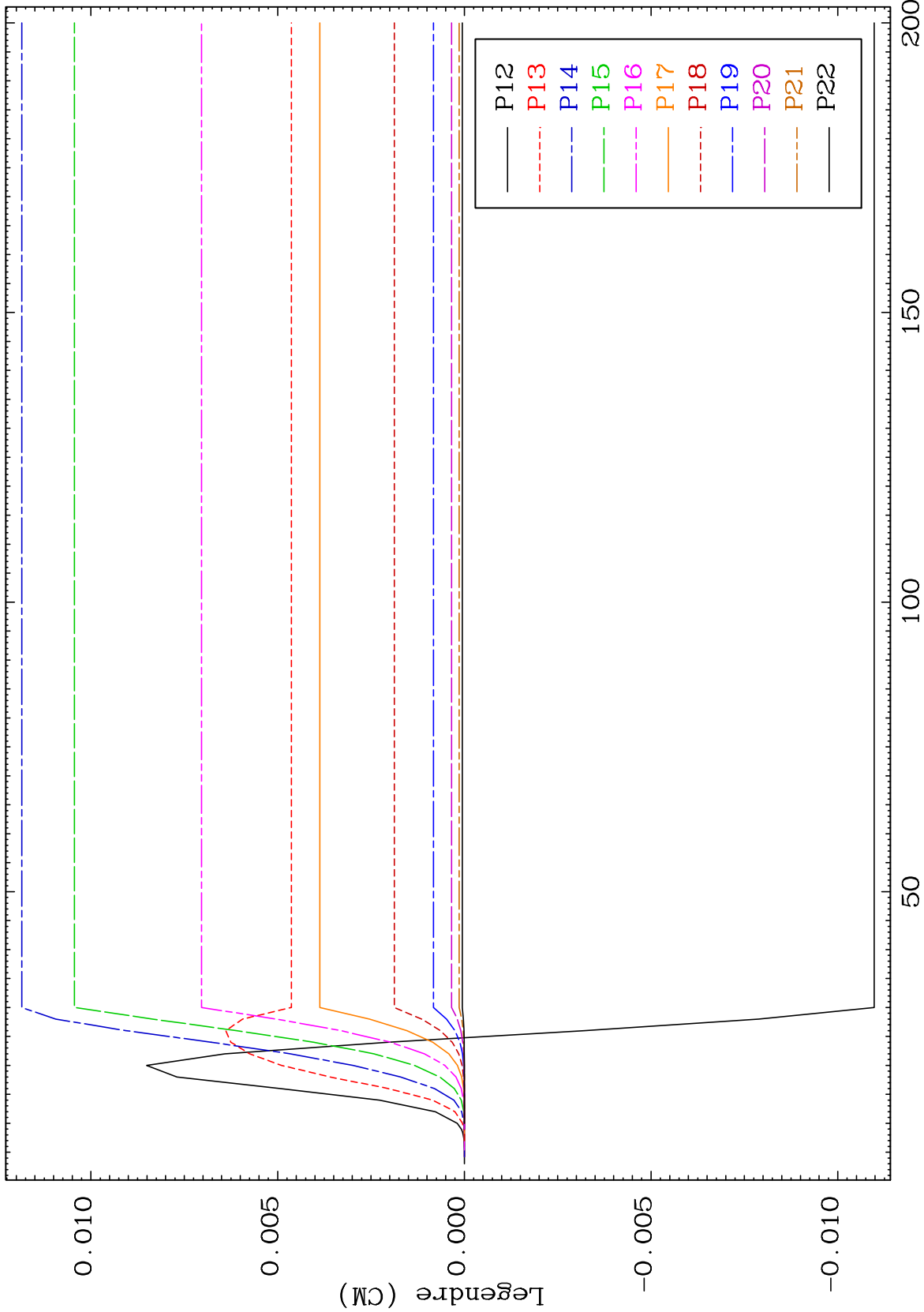
27-Co-63



MAT 2737

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

27-Co-63



23

Incident Energy (MeV)

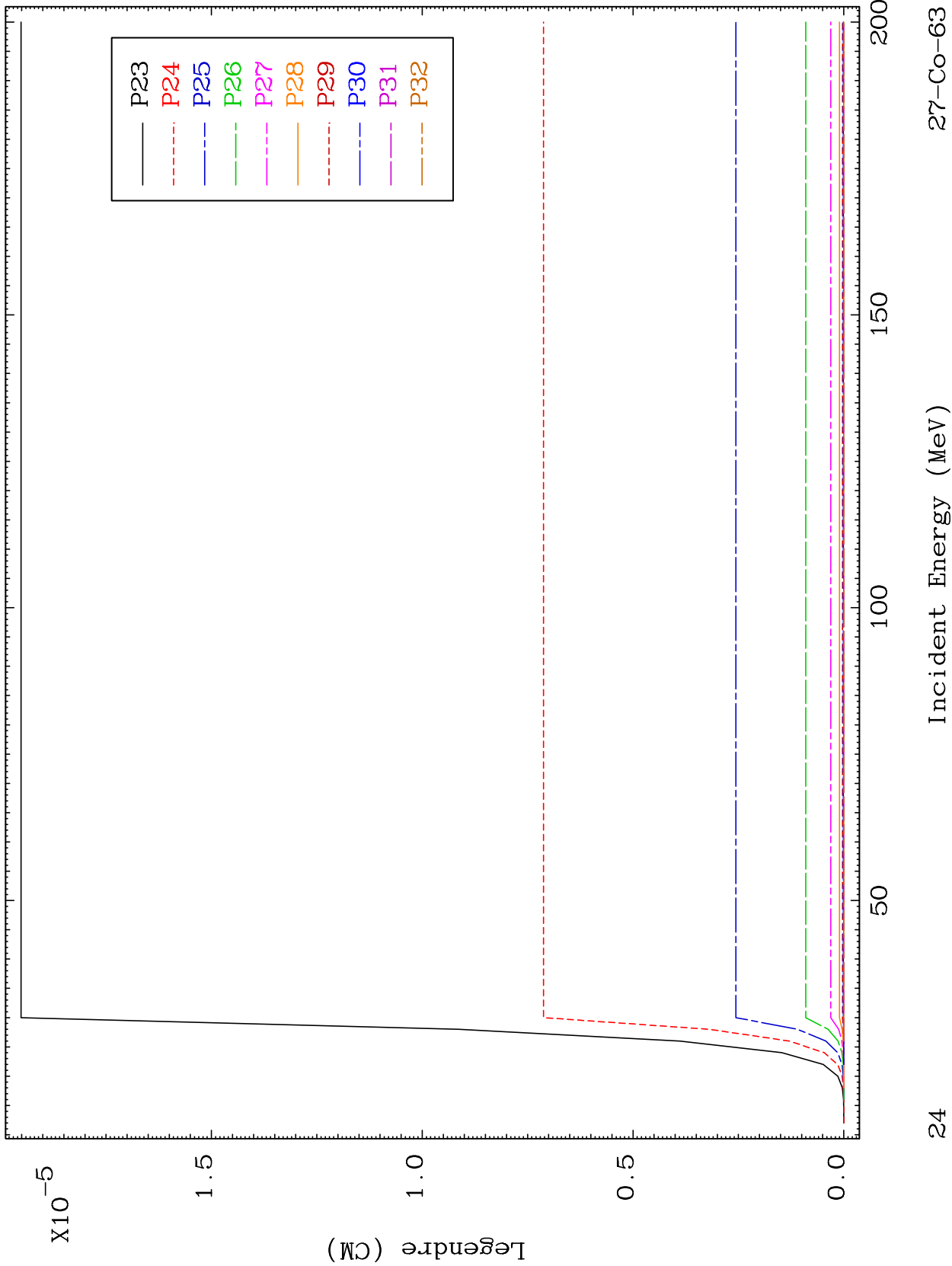
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MAT 2737

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

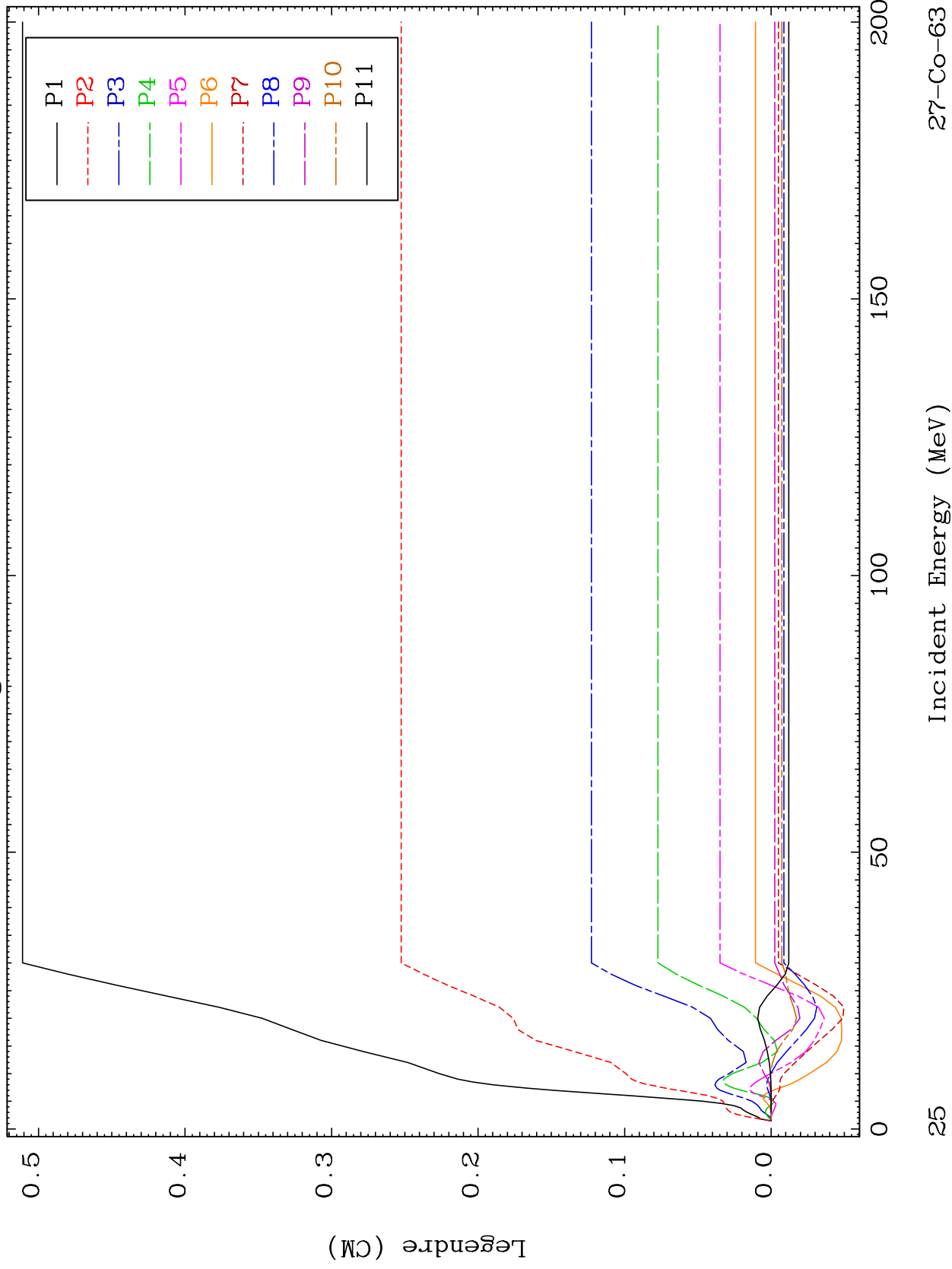
27-Co-63



MAT 2737

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

27-Co-63



27-Co-63

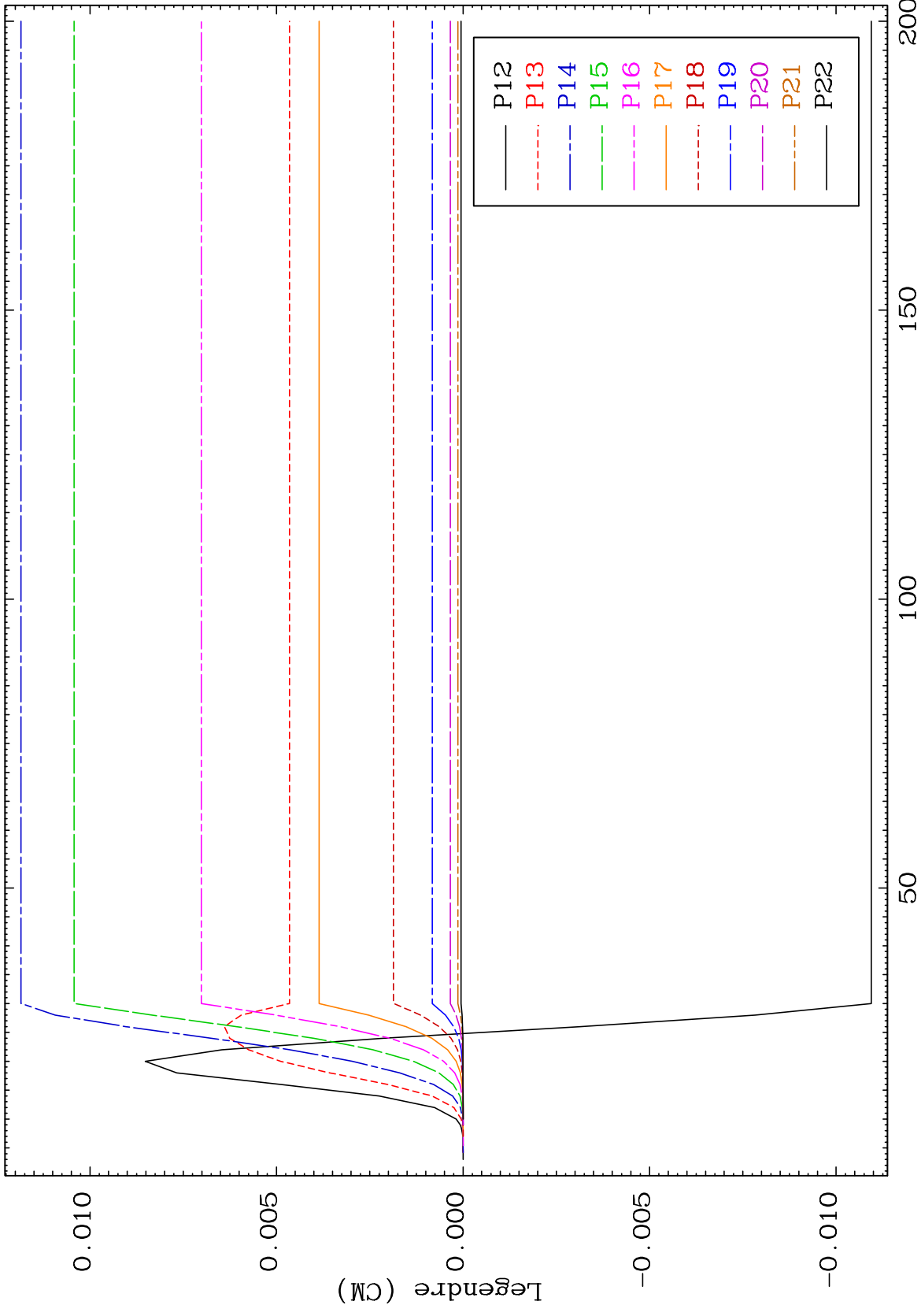
Incident Energy (MeV)

25

MAT 2737

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

27-Co-63



26

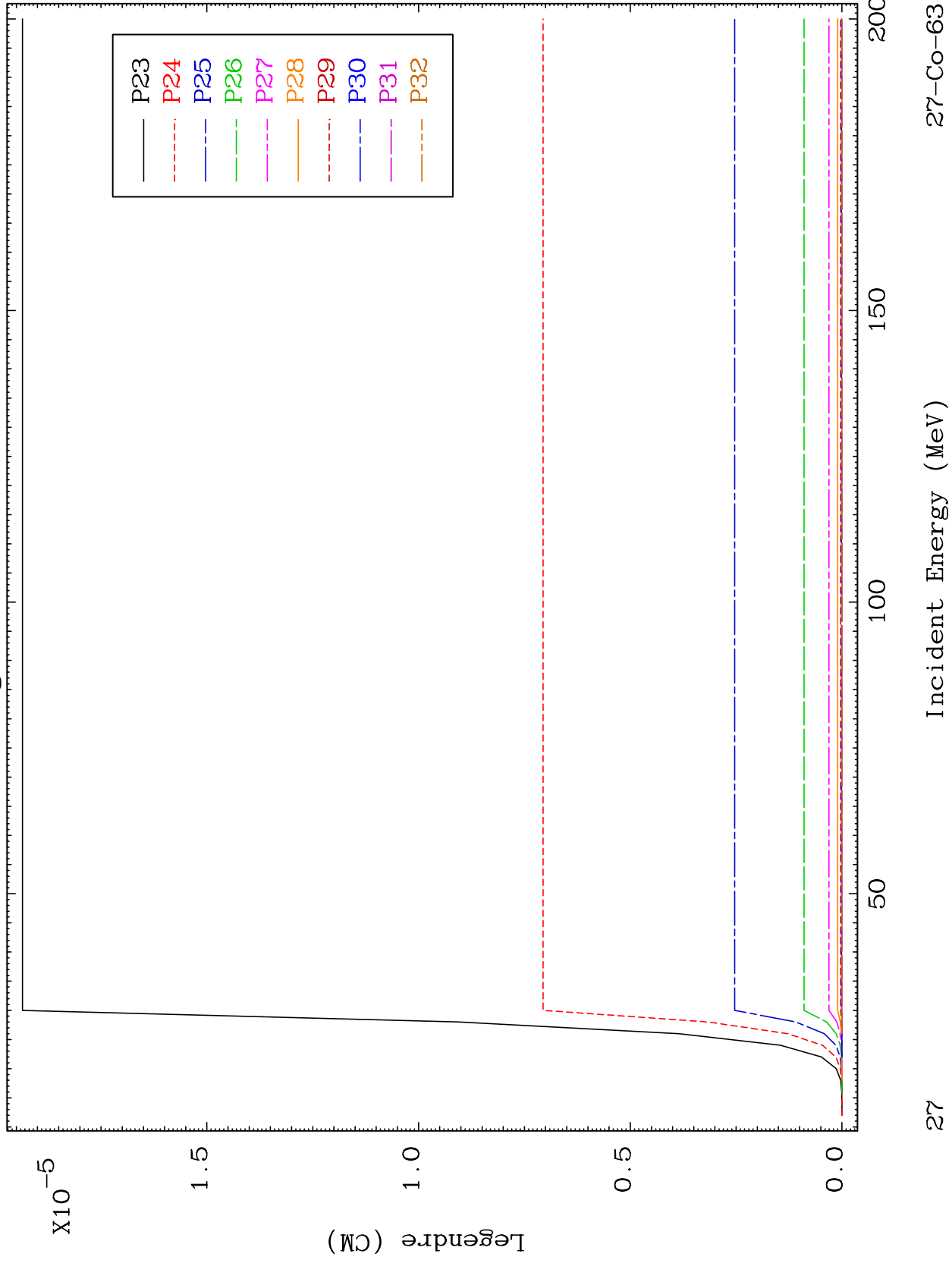
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



27

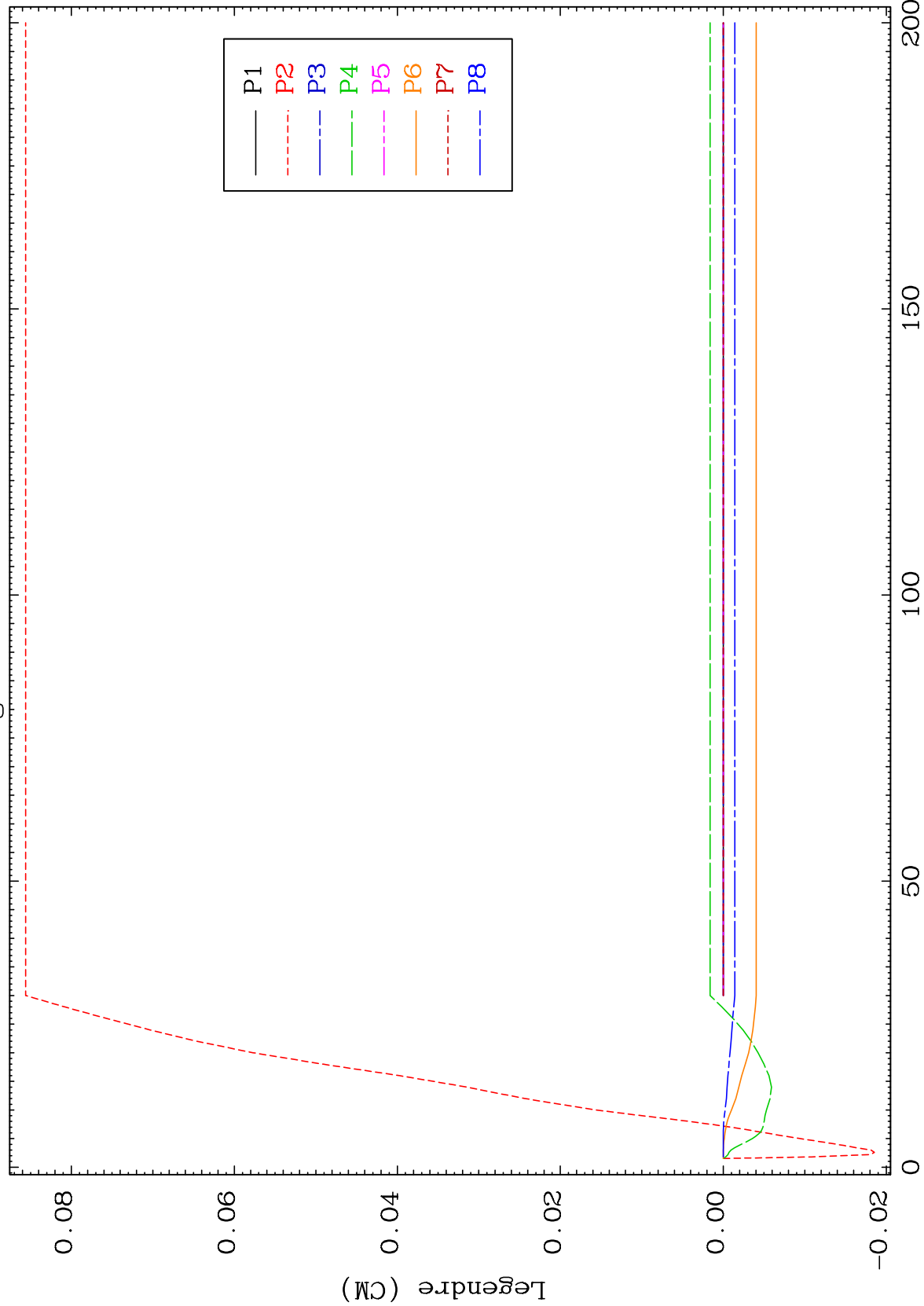
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



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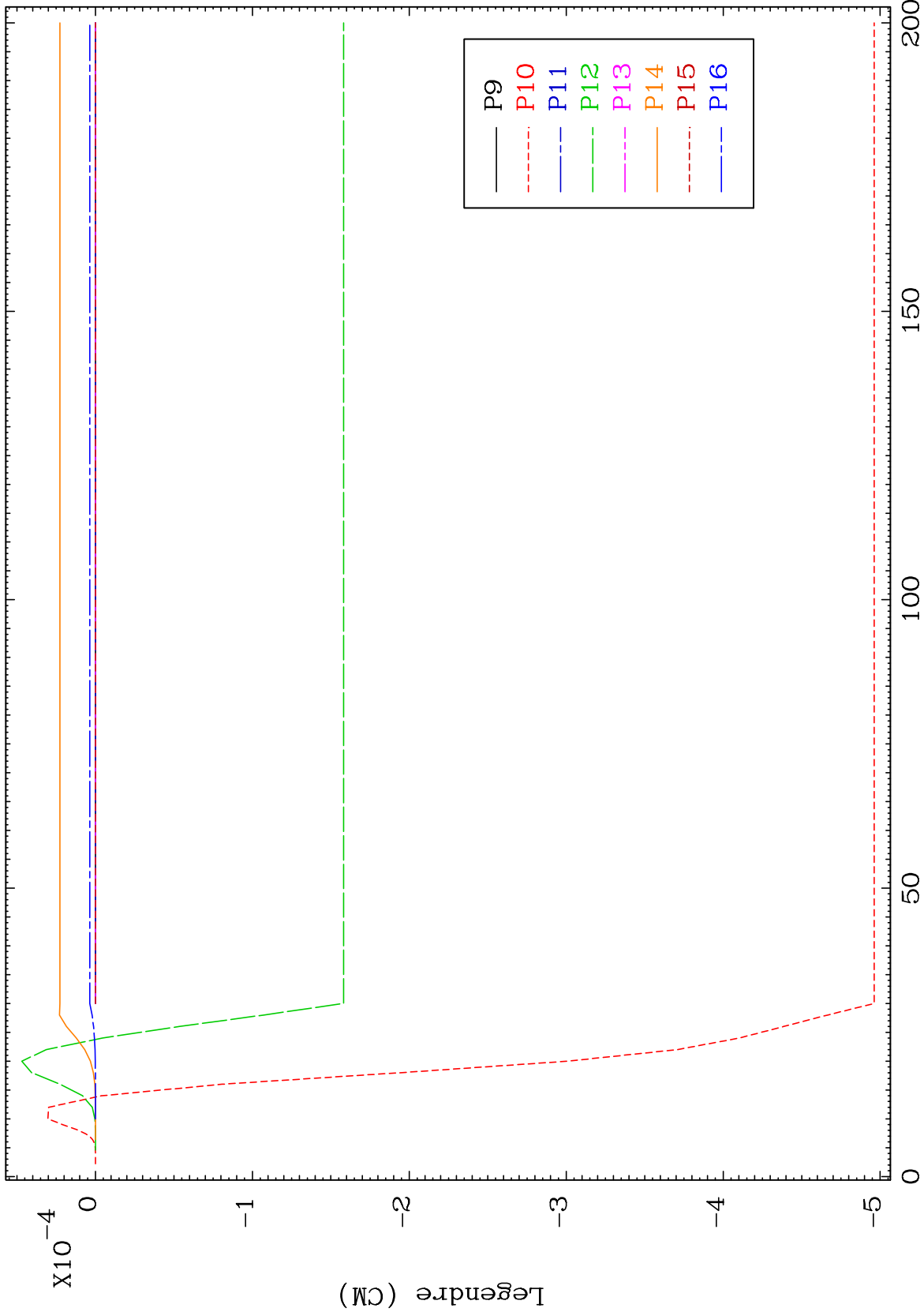
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



29

Incident Energy (MeV)

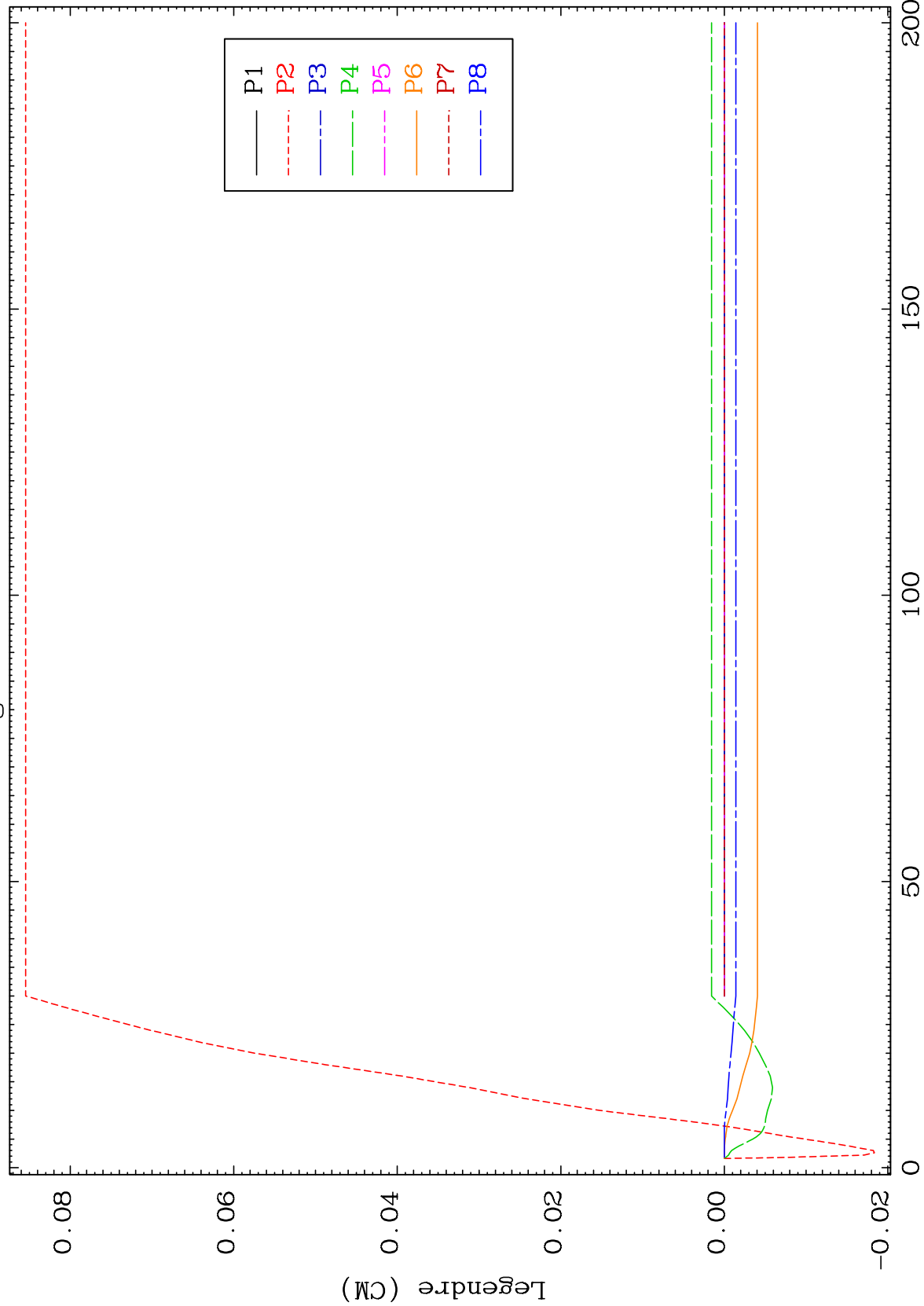
27-Co-63



MAT 2737

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

27-Co-63



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Incident Energy (MeV)

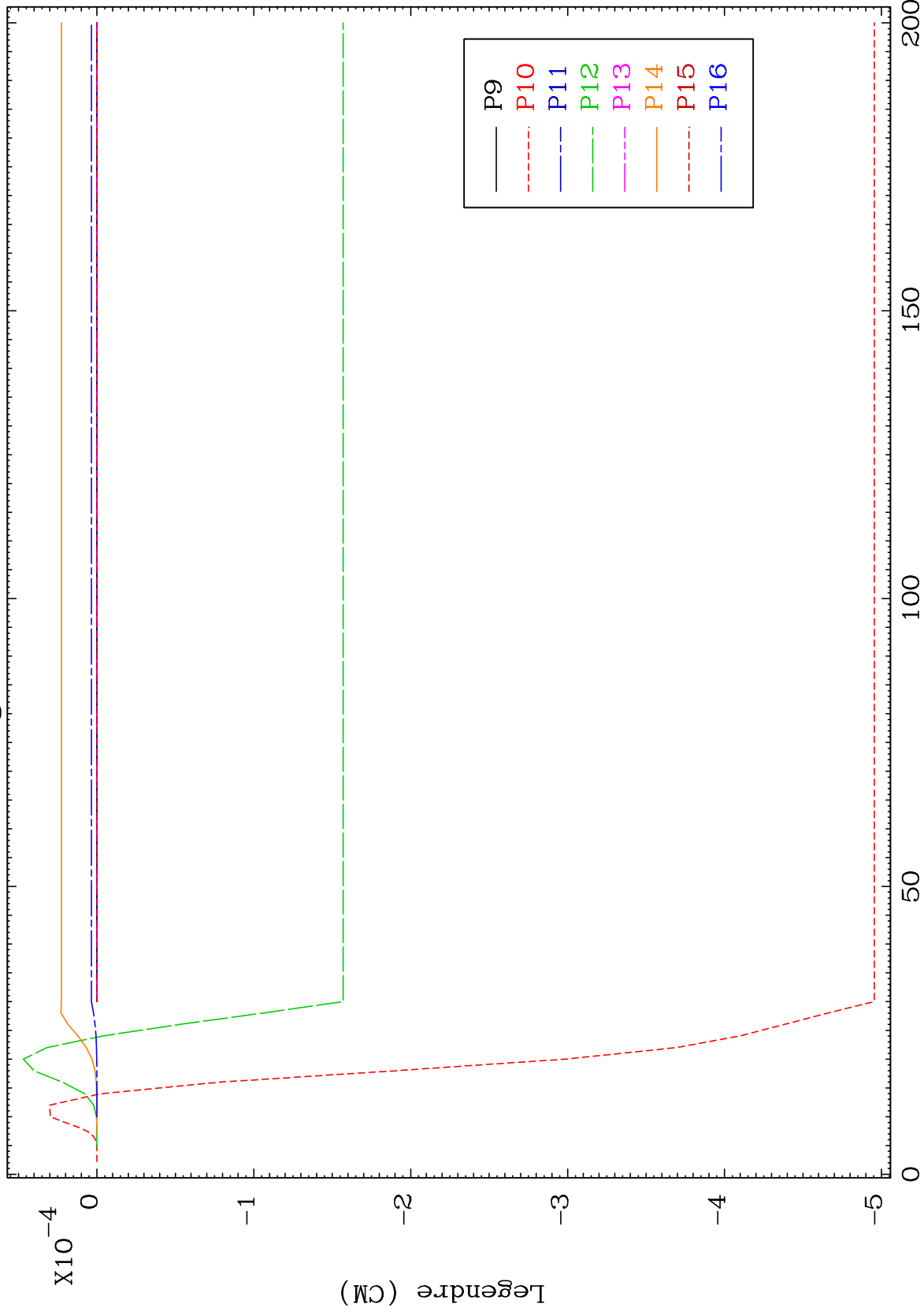
27-Co-63



MAT 2737

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

27-Co-63



32

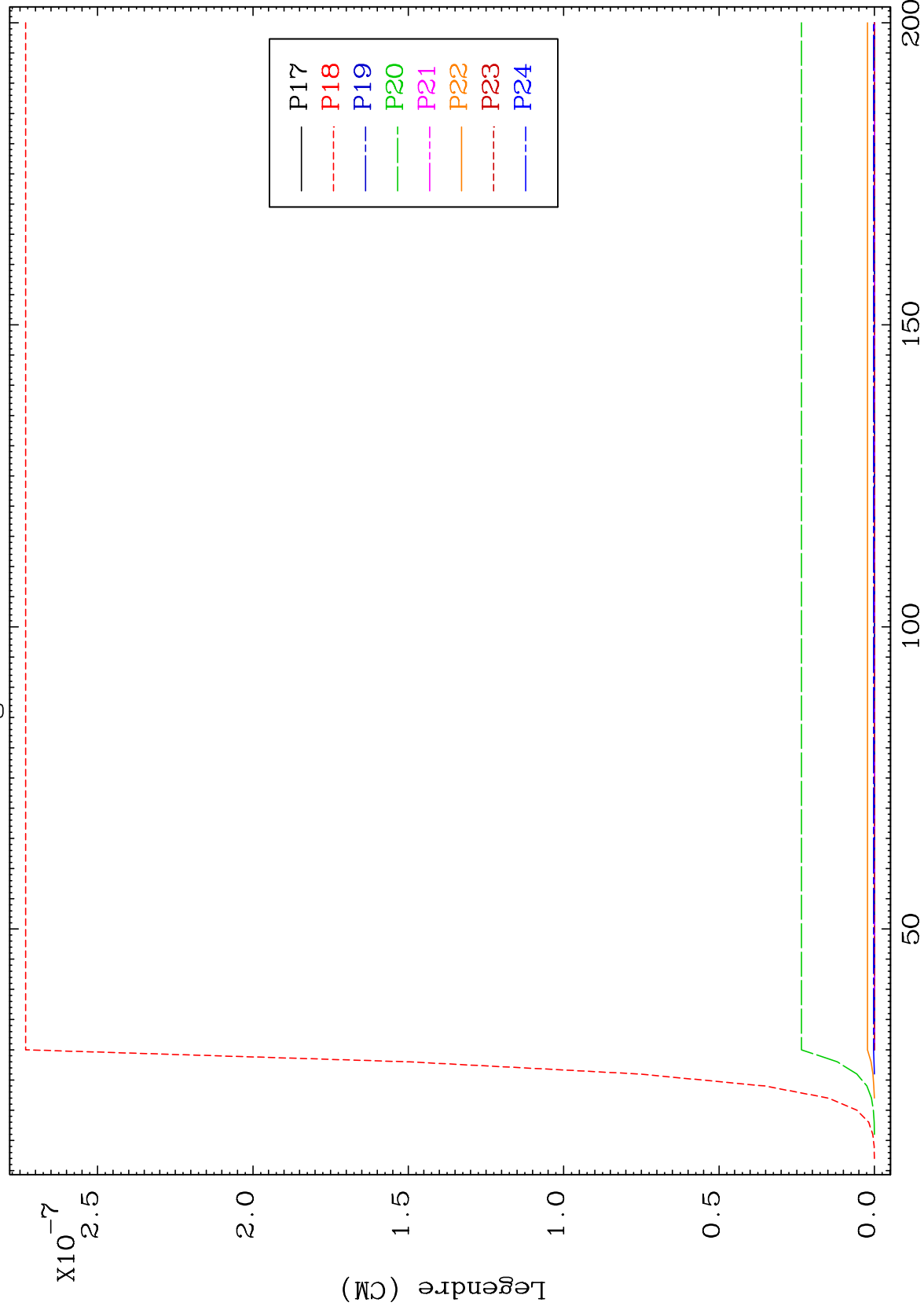
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



33

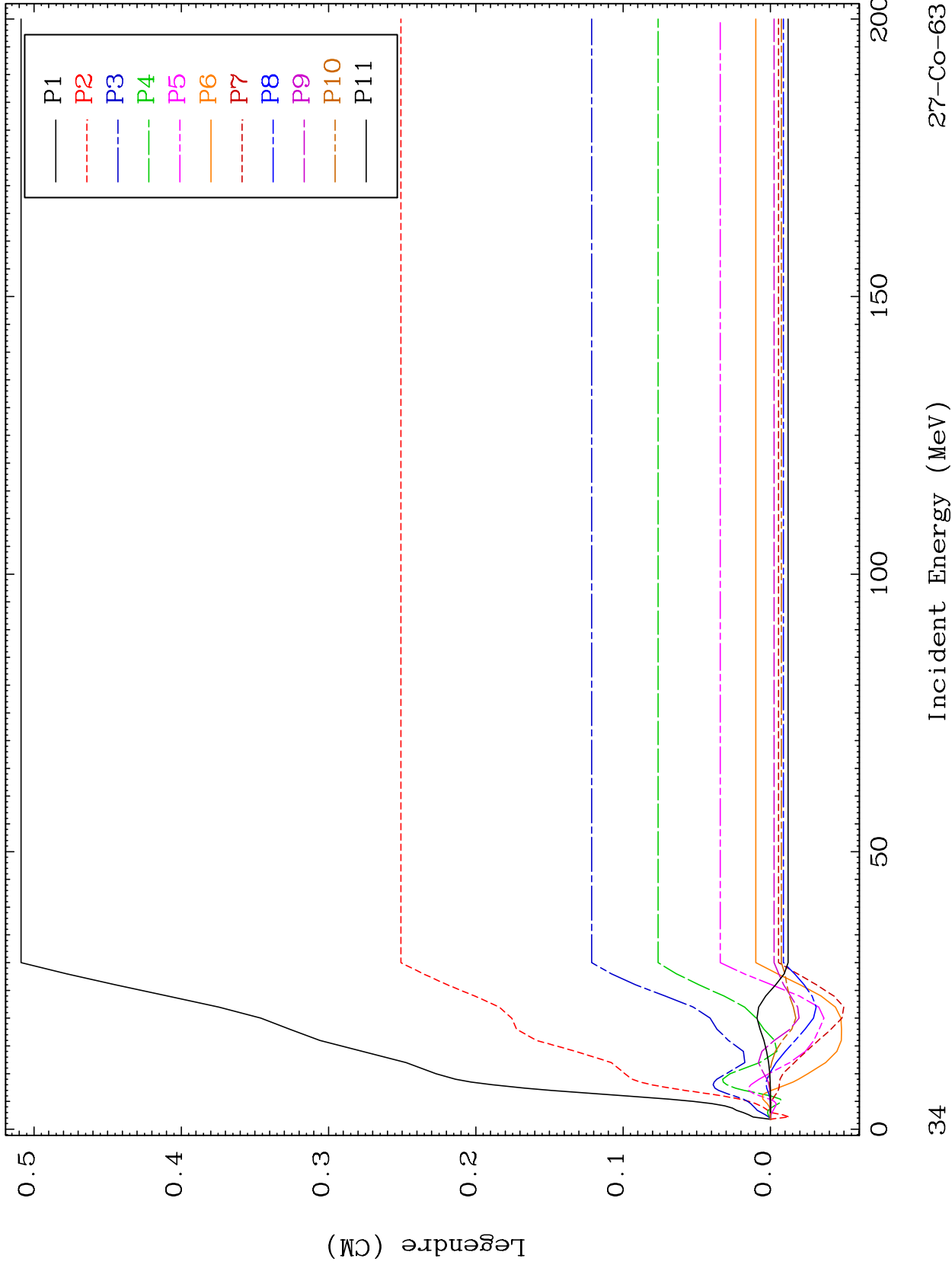
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



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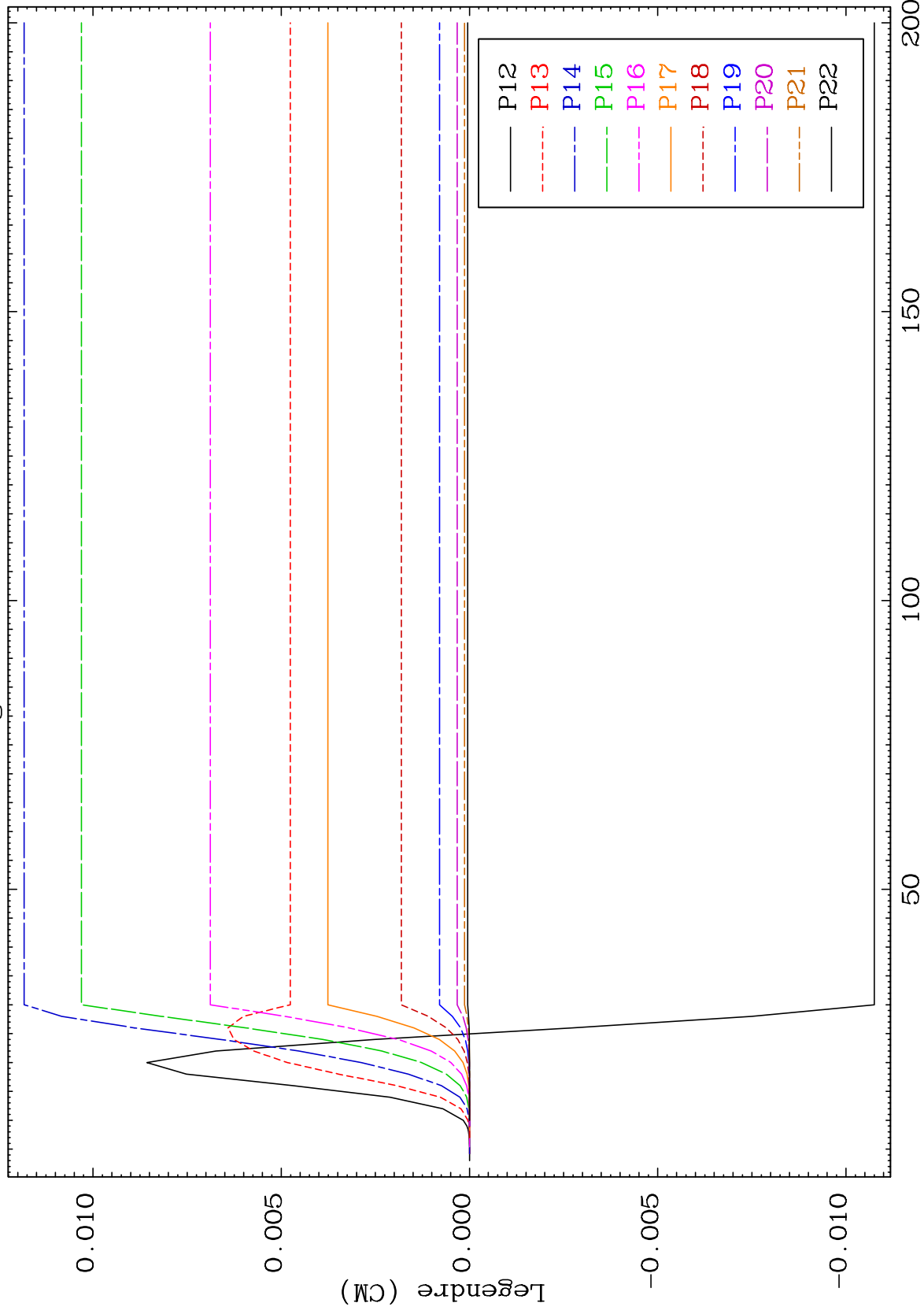
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



35

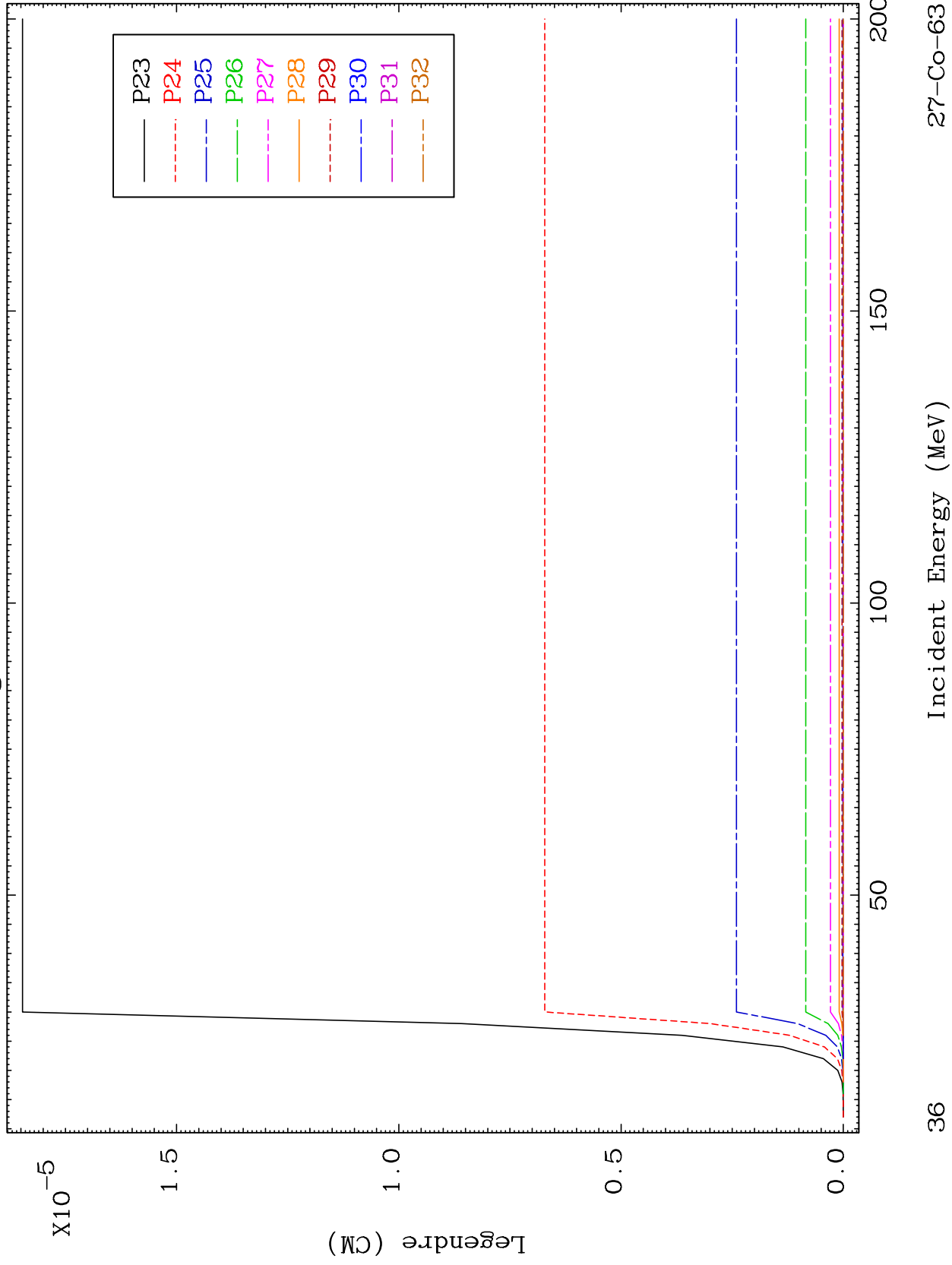
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



36

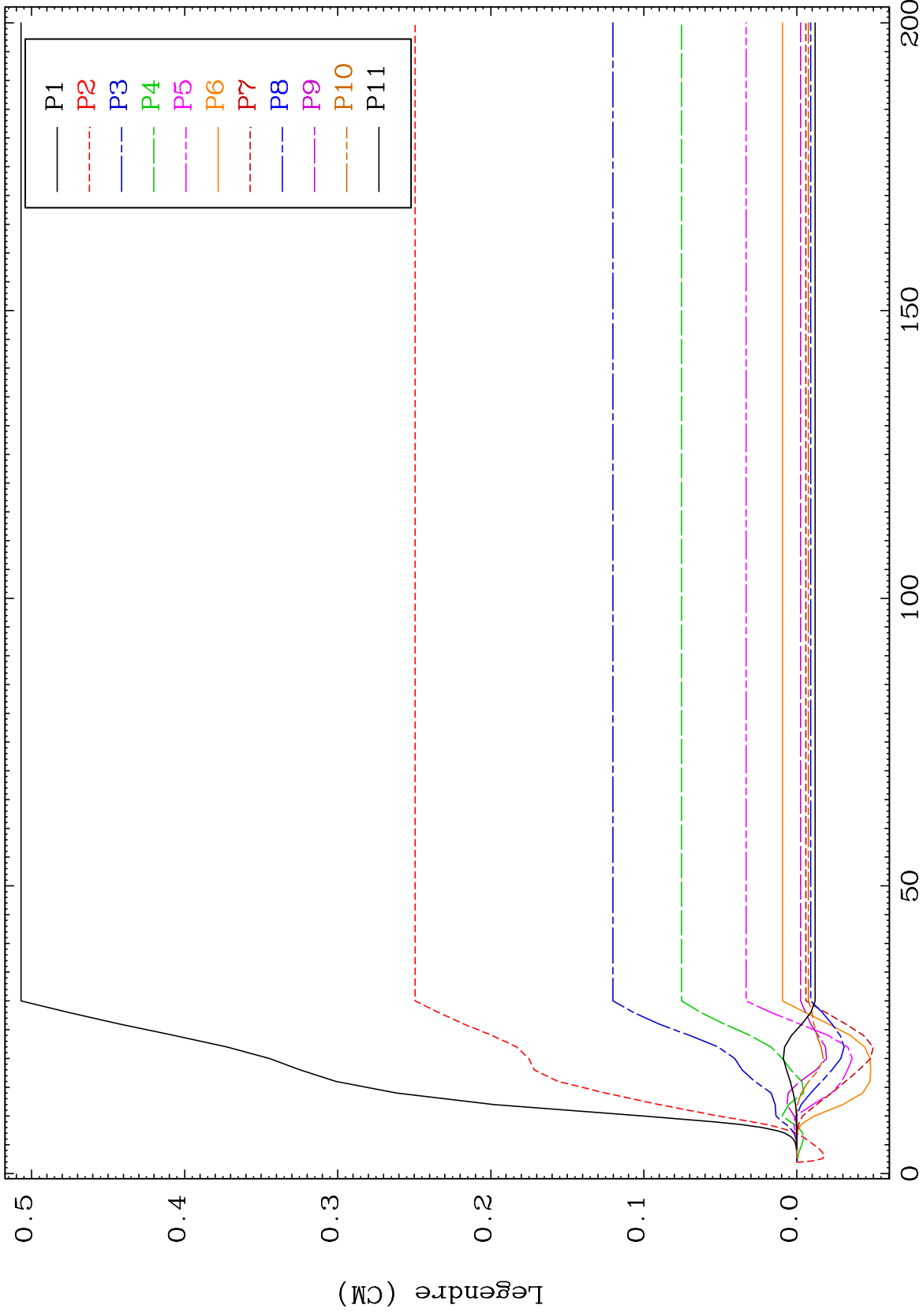
Incident Energy (MeV)

27-Co-63

MAT 2737

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

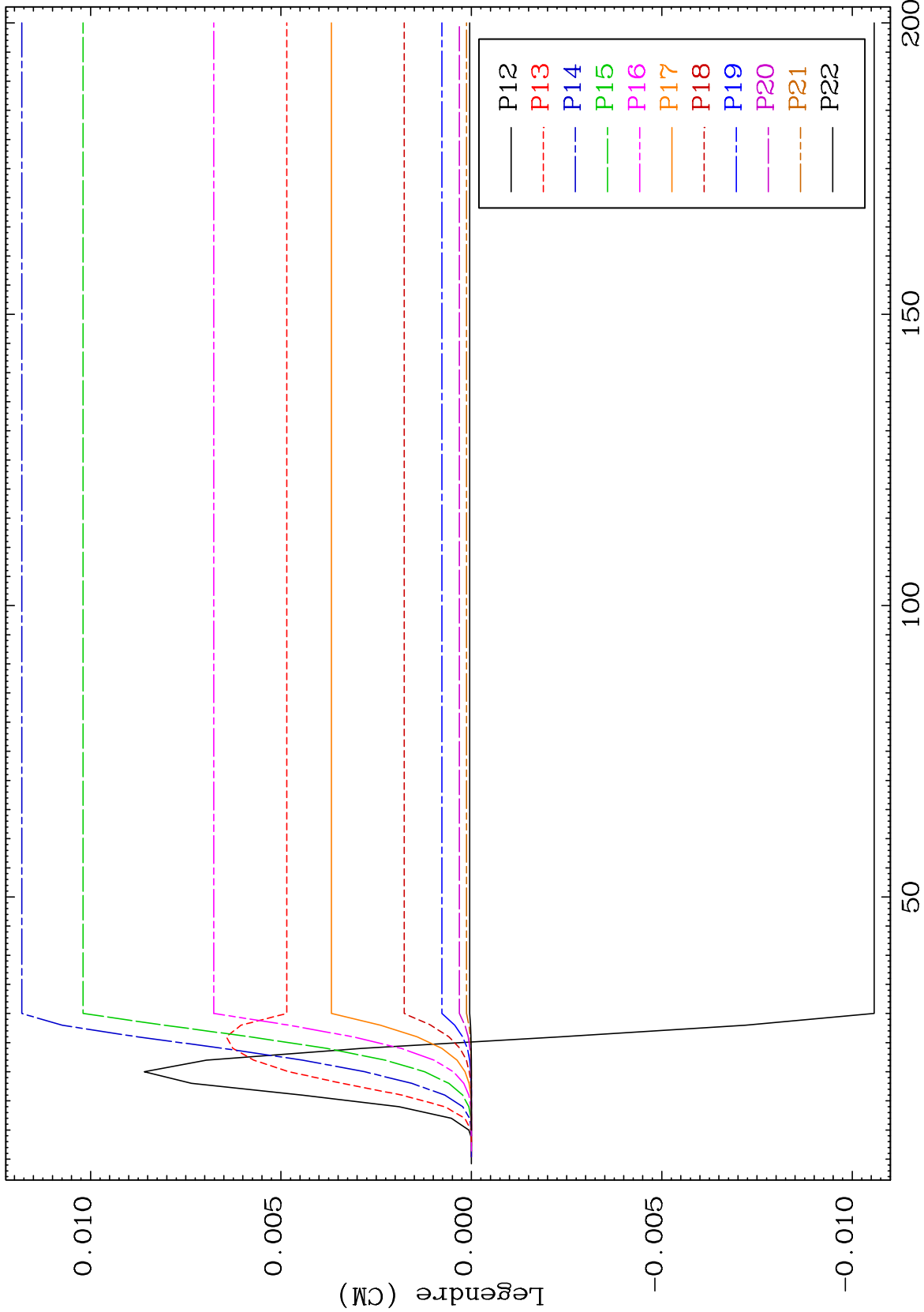
27-Co-63



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Incident Energy (MeV)

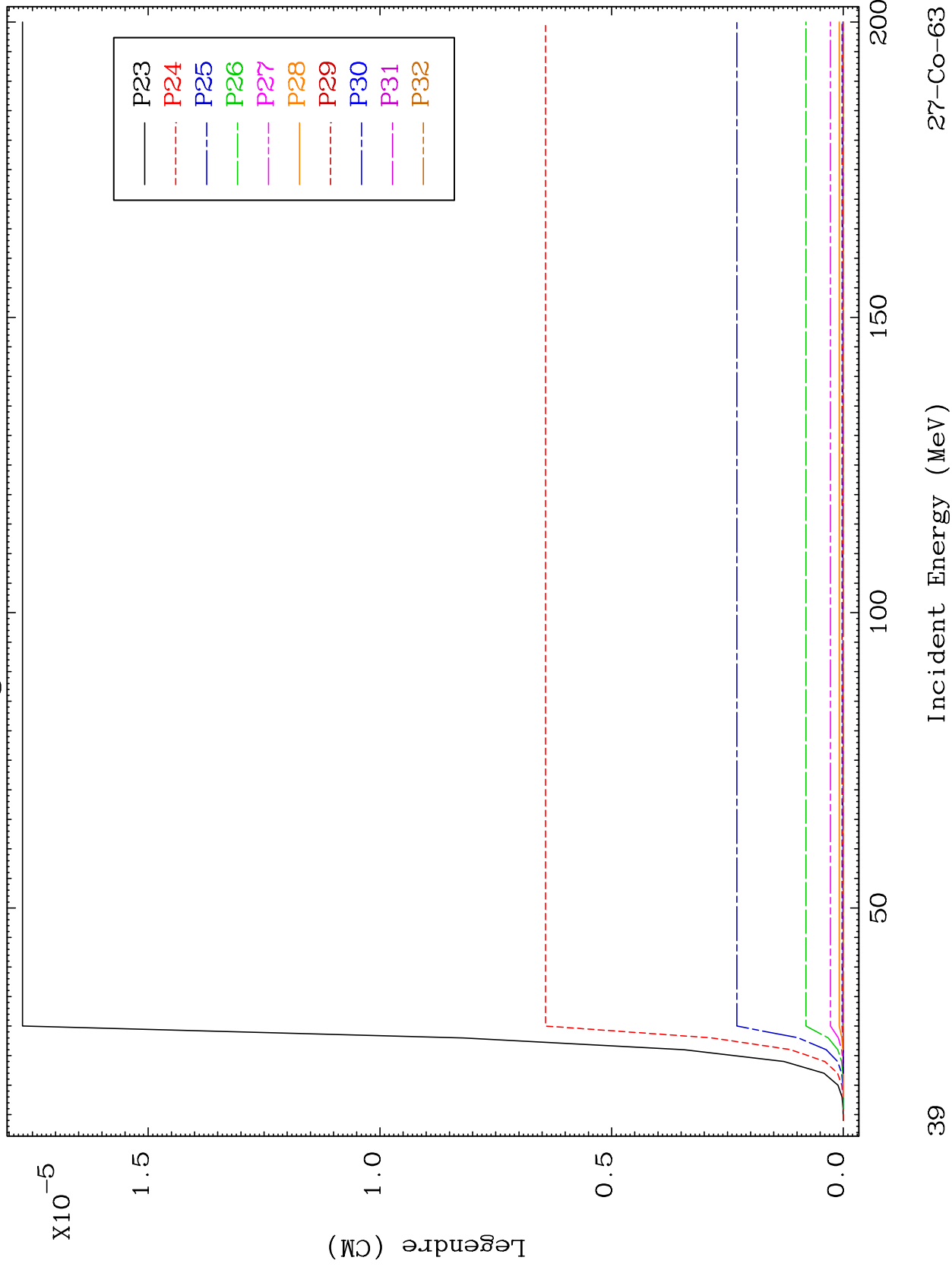
27-Co-63



MAT 2737

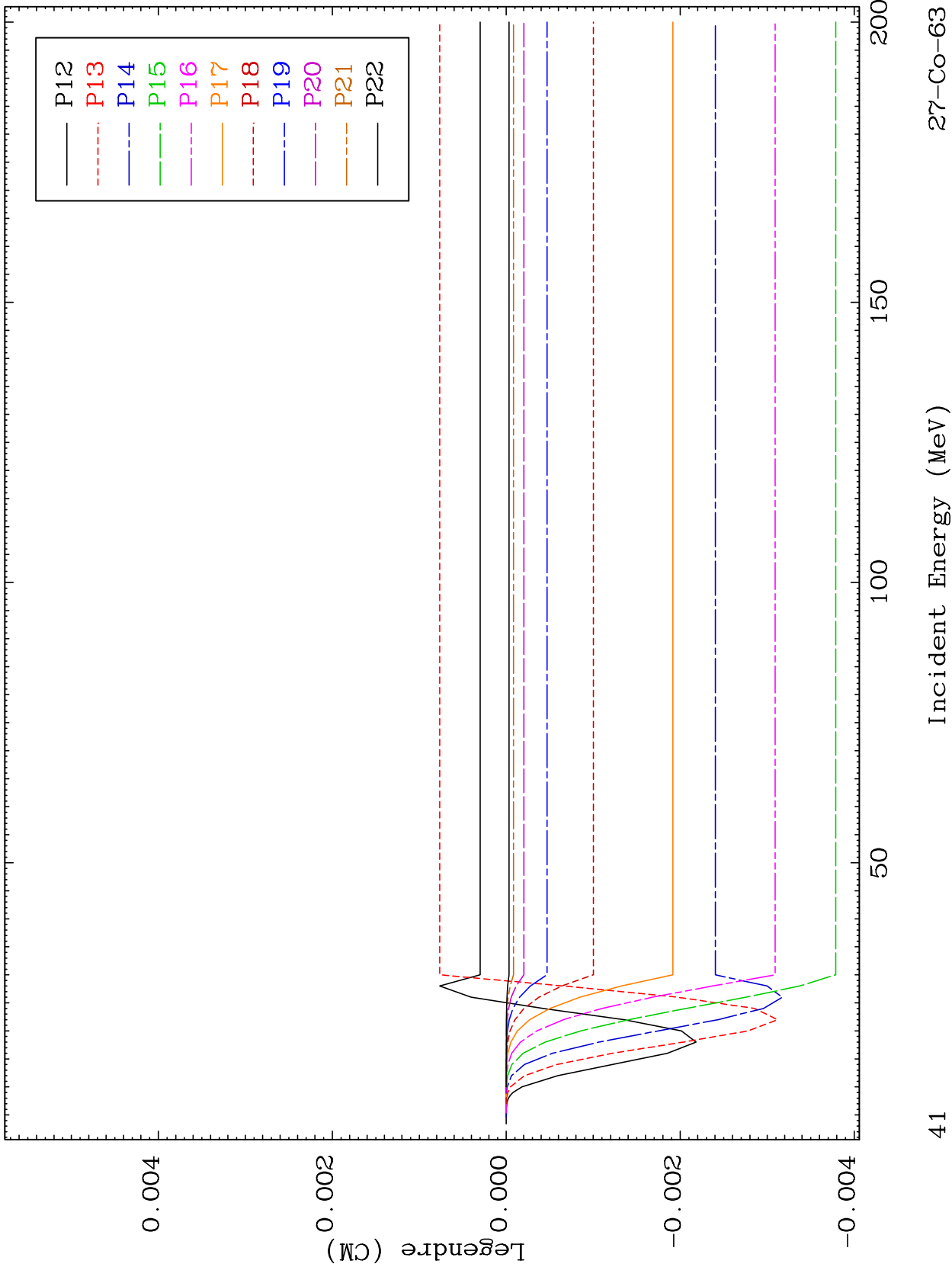
MT= 57 (n,n') Level  
Legendre Coefficients

27-Co-63





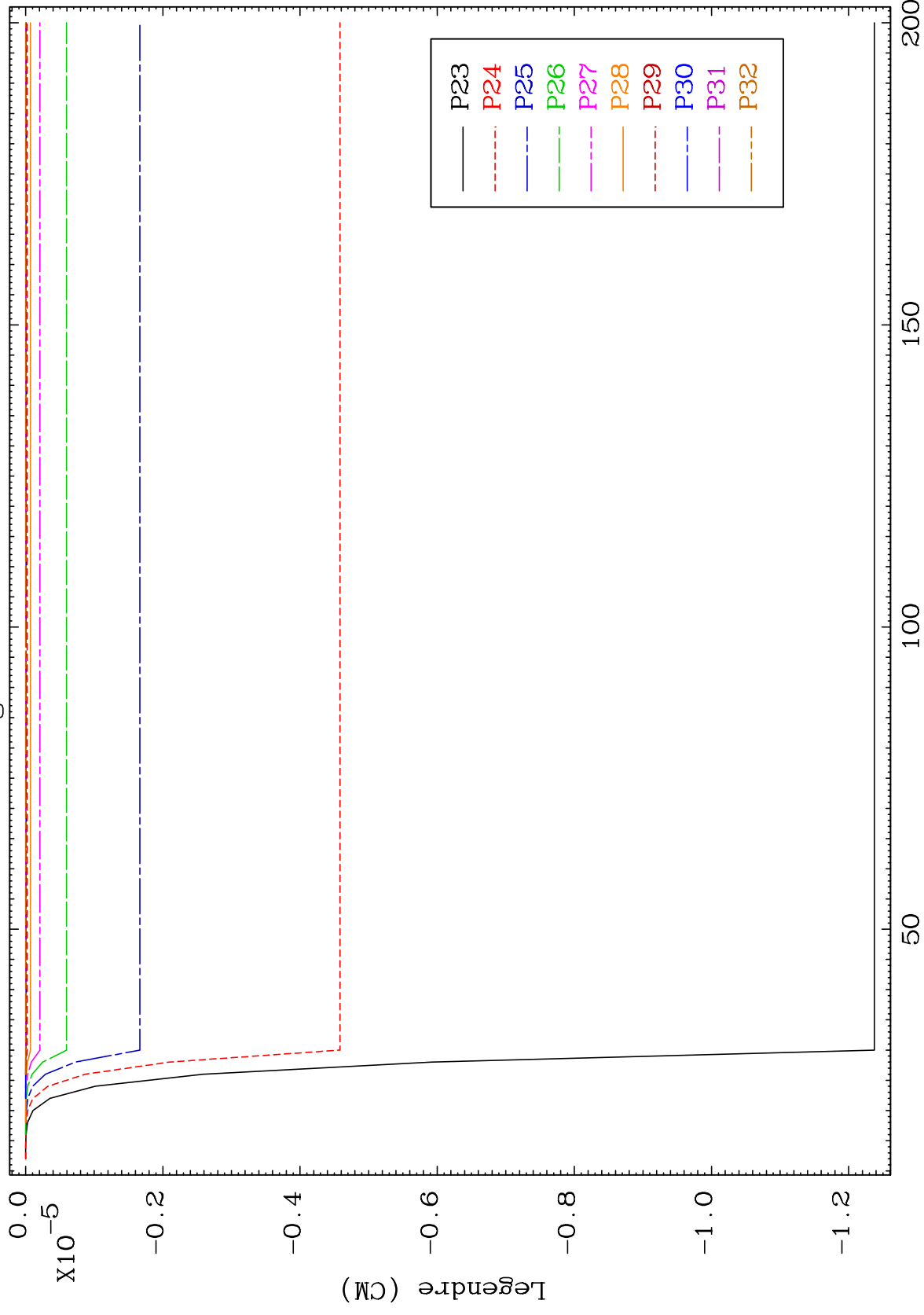




MAT 2737

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

27-Co-63



27-Co-63

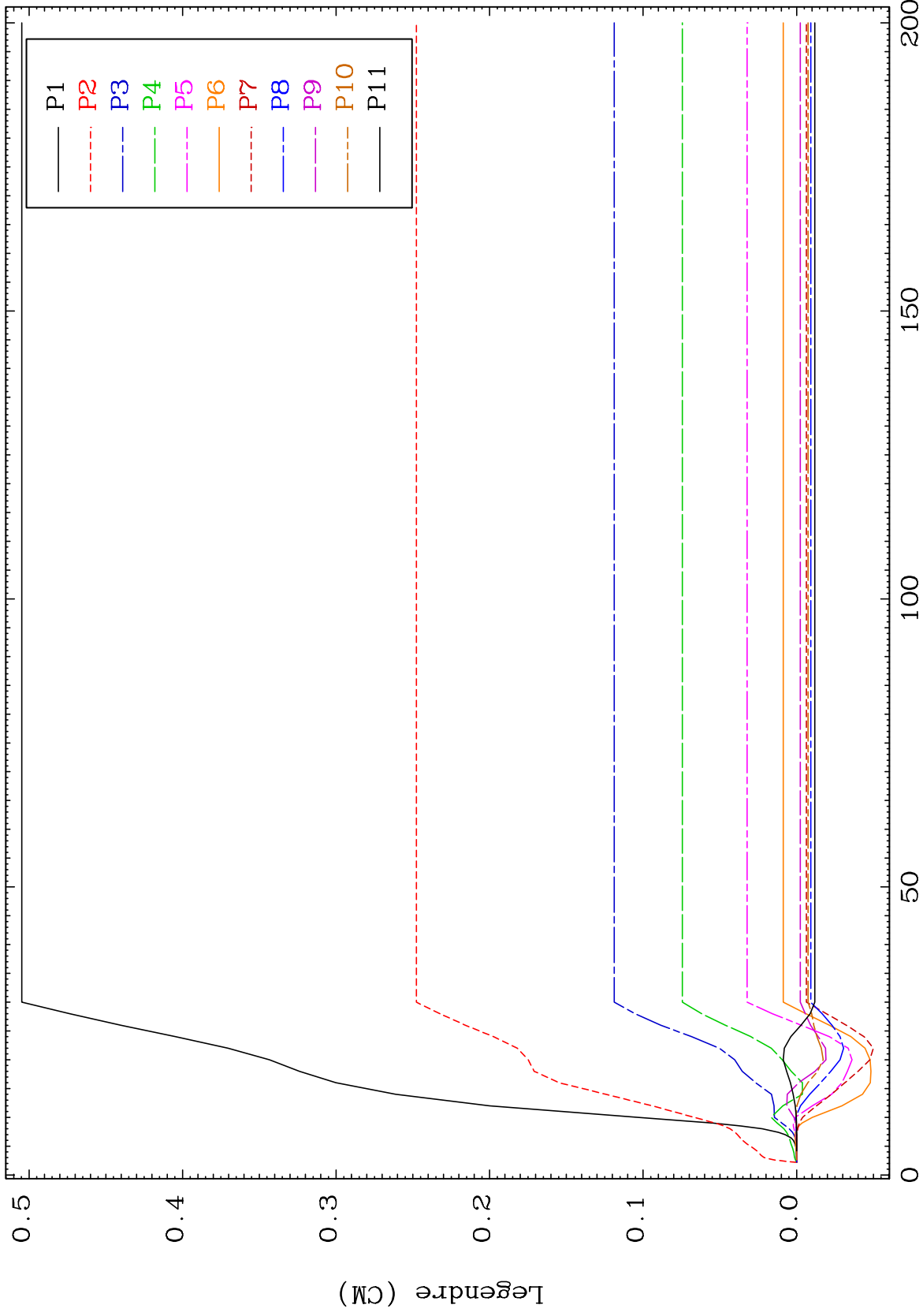
Incident Energy (MeV)

42

MAT 2737

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

27-Co-63



43

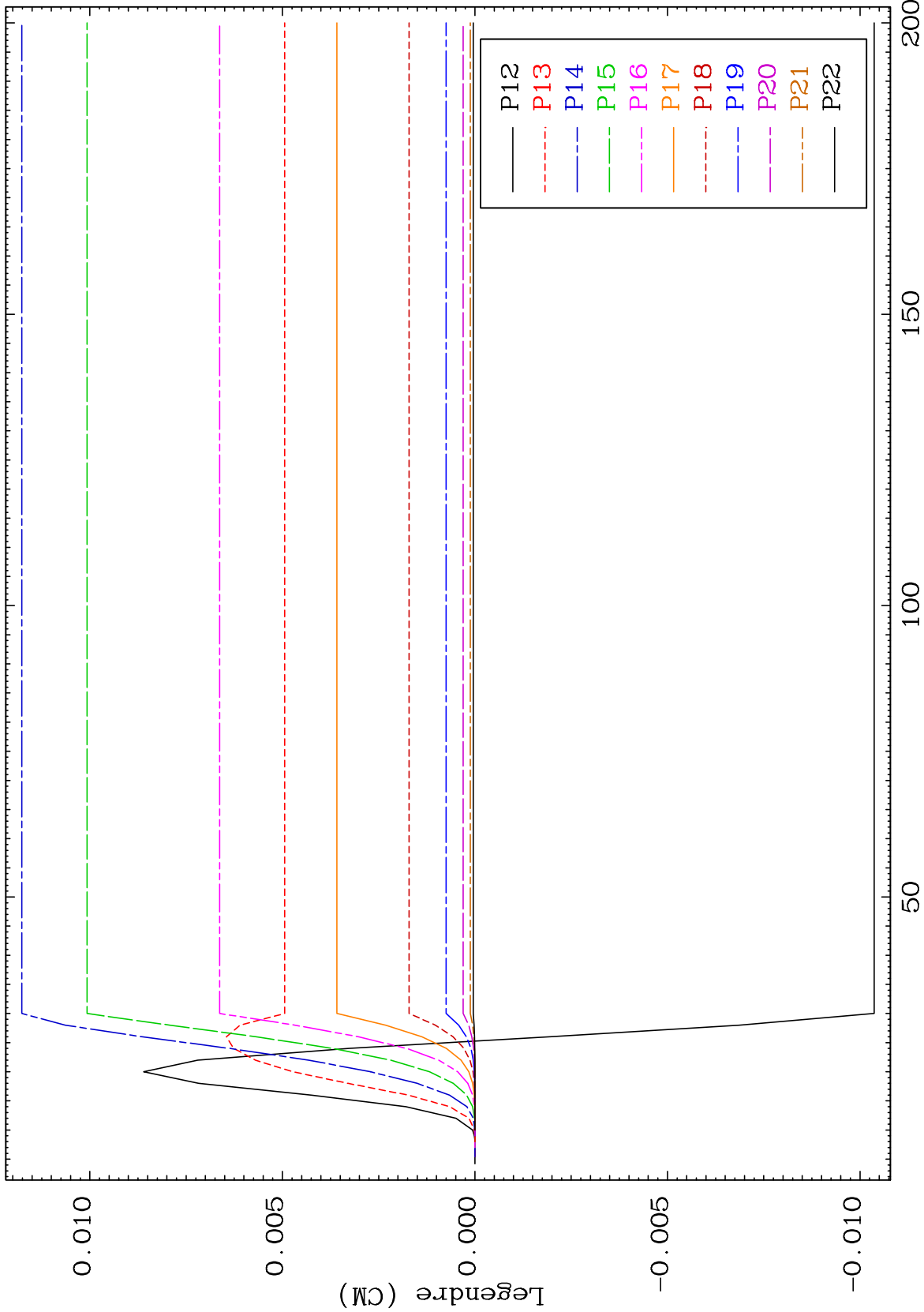
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63

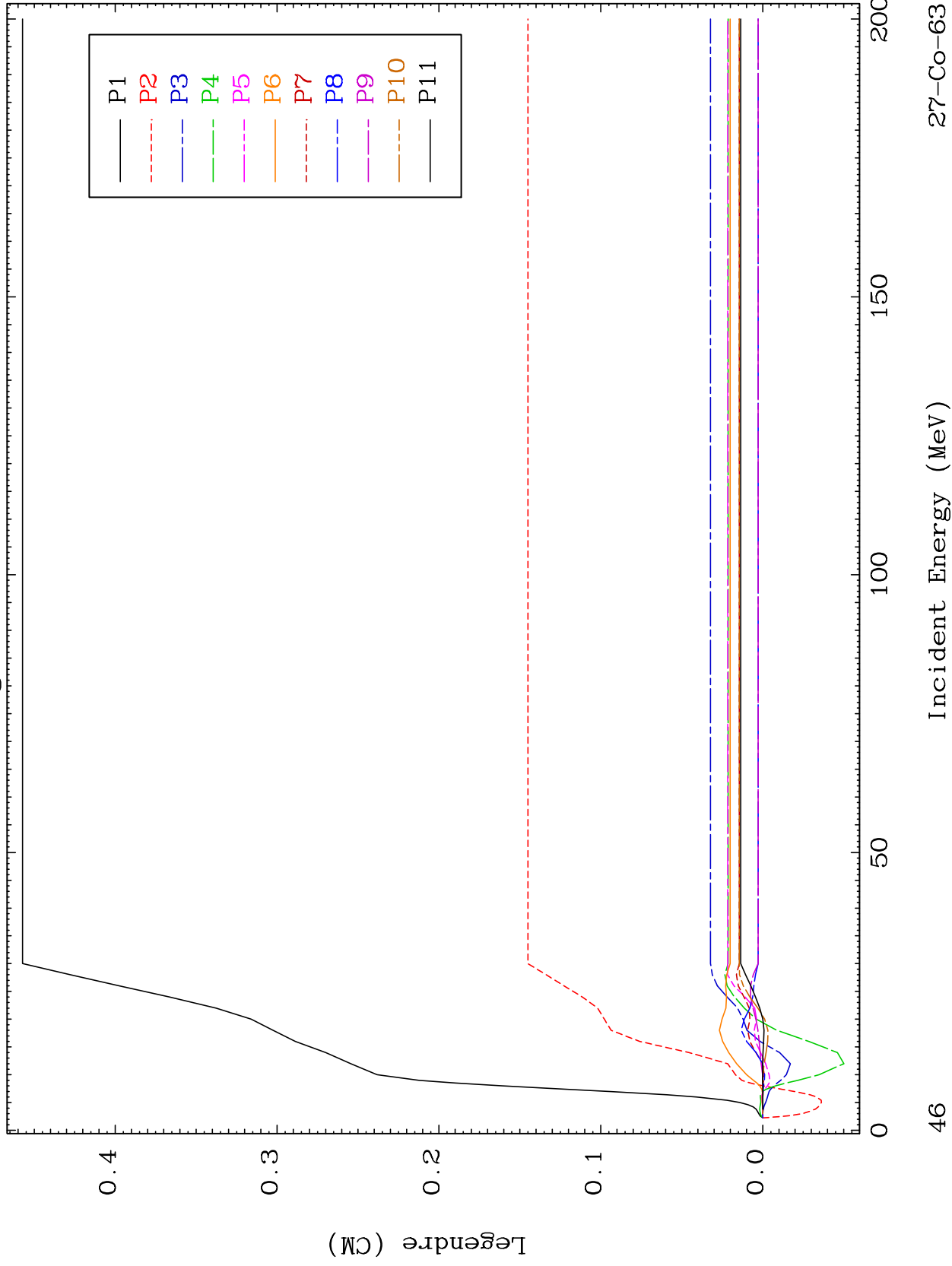




MAT 2737

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

27-Co-63



46

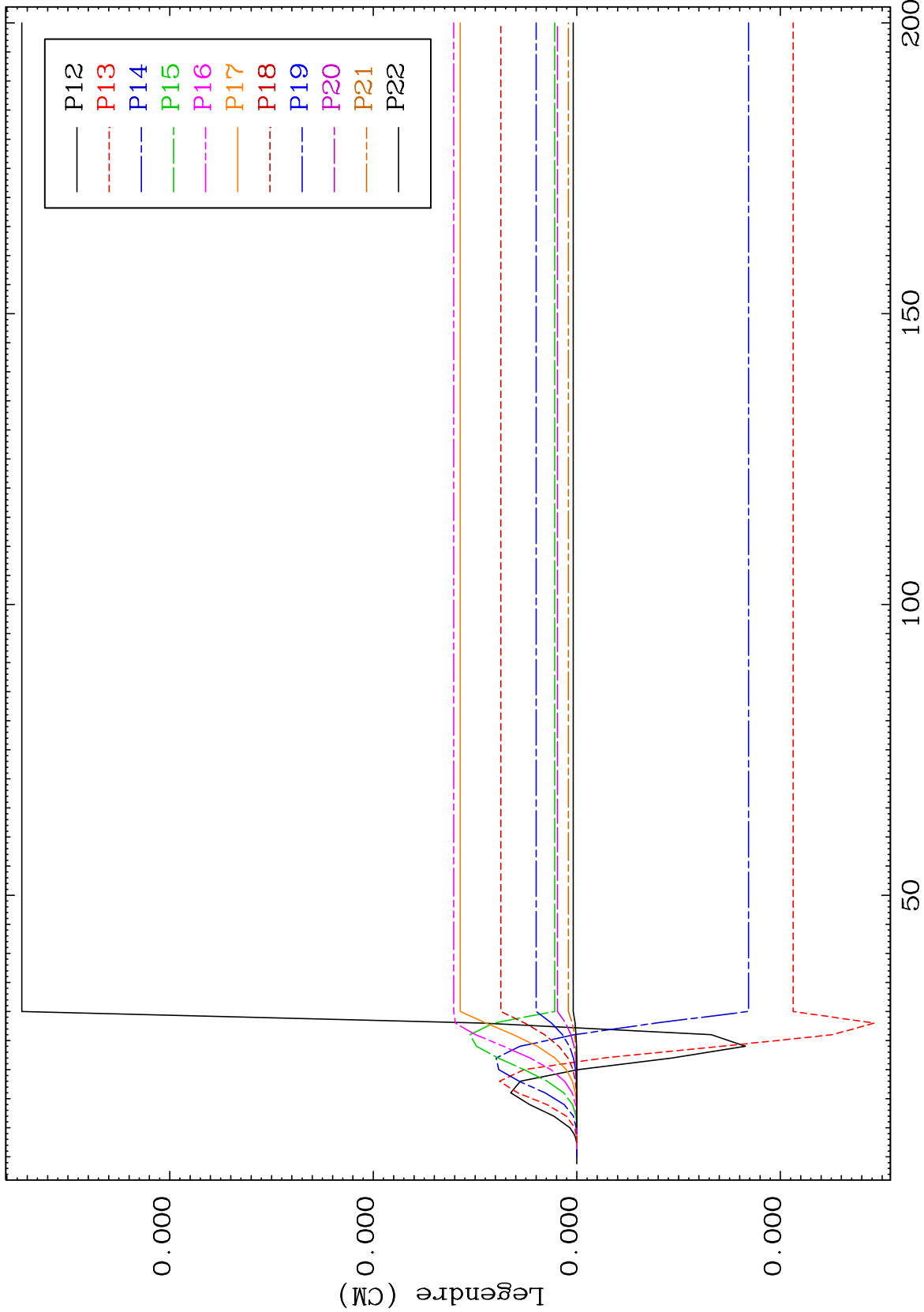
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



47

Incident Energy (MeV)

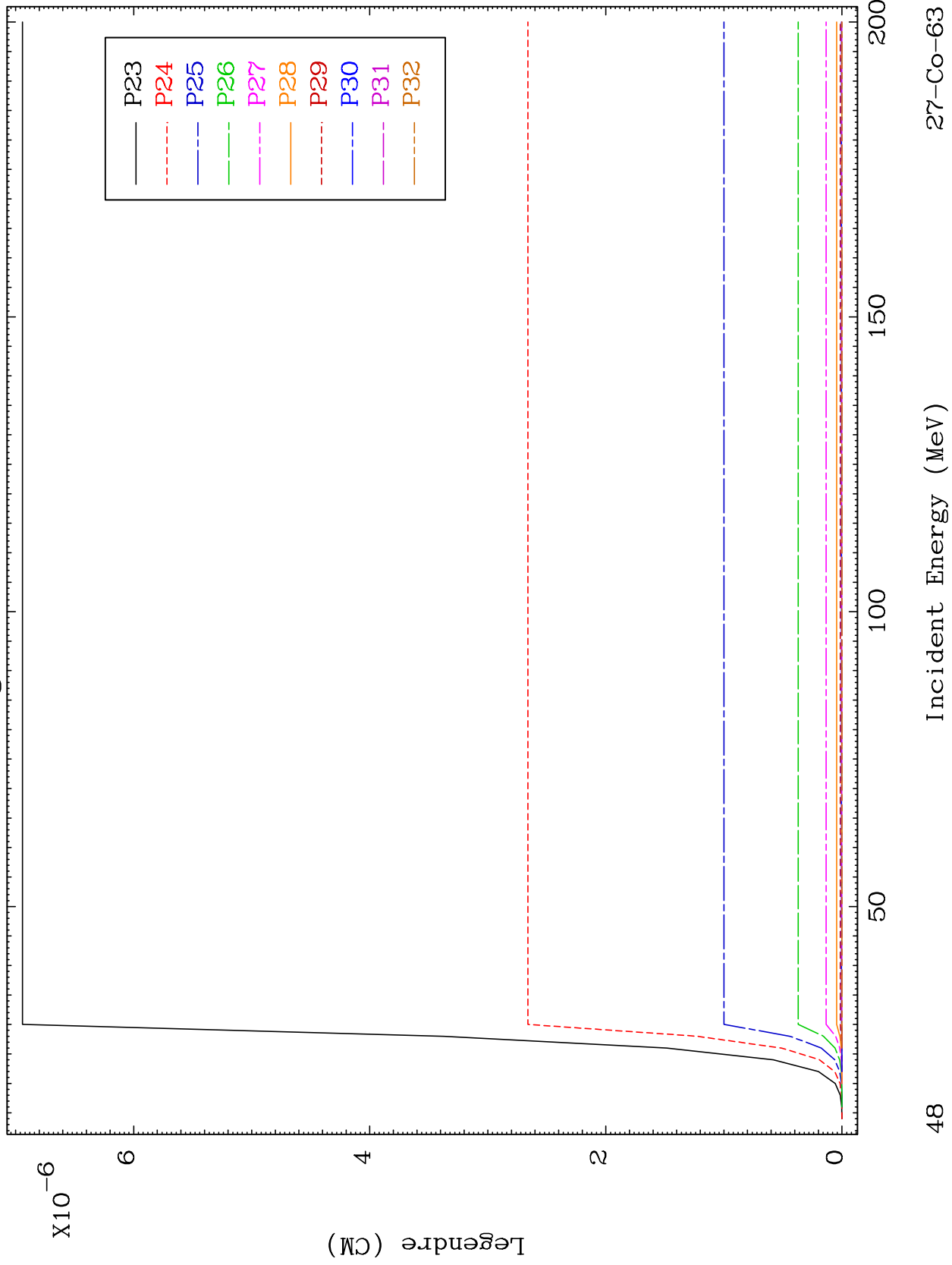
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MAT 2737

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

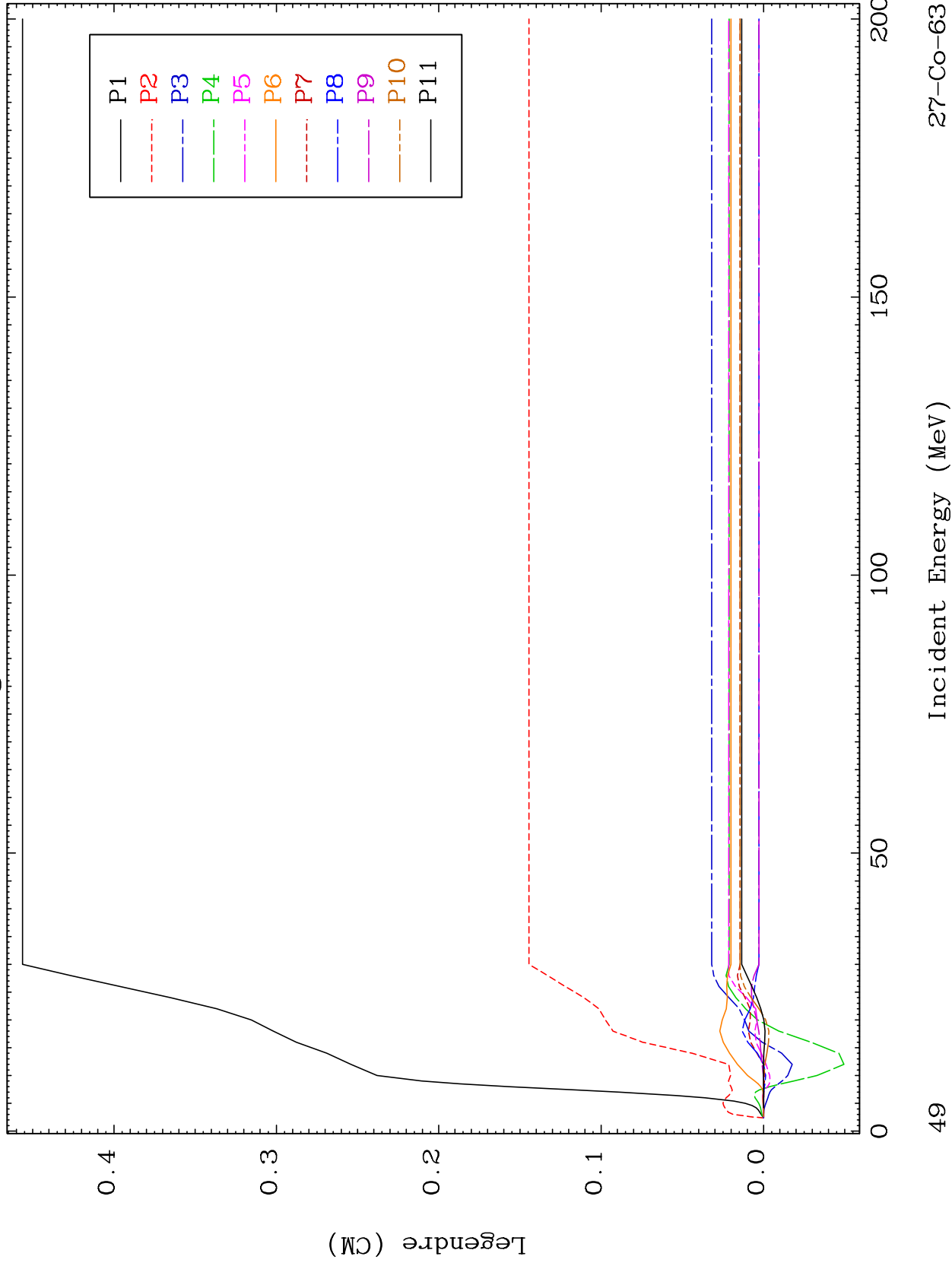
27-Co-63



MAT 2737

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

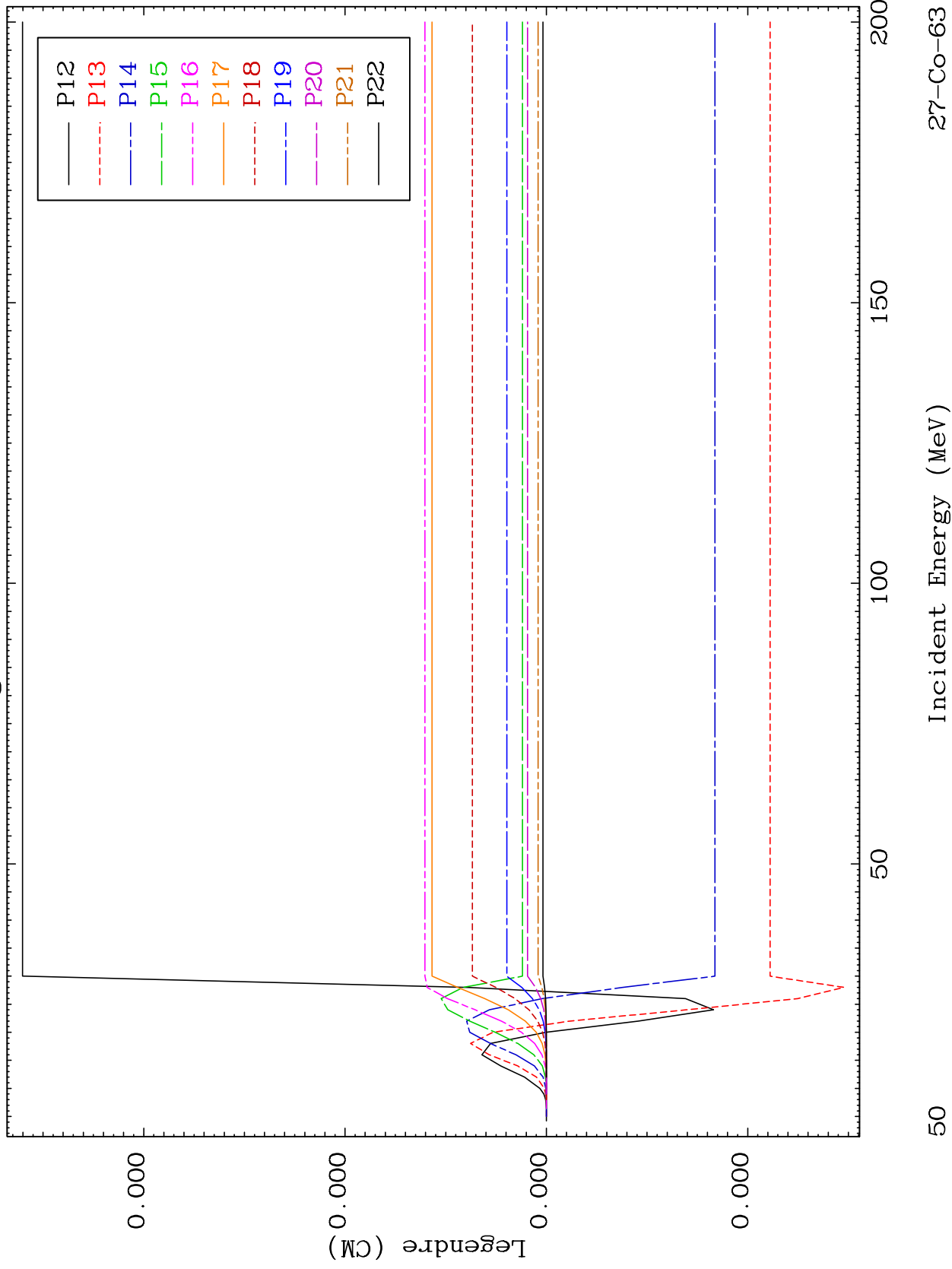
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MAT 2737

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

27-Co-63



50

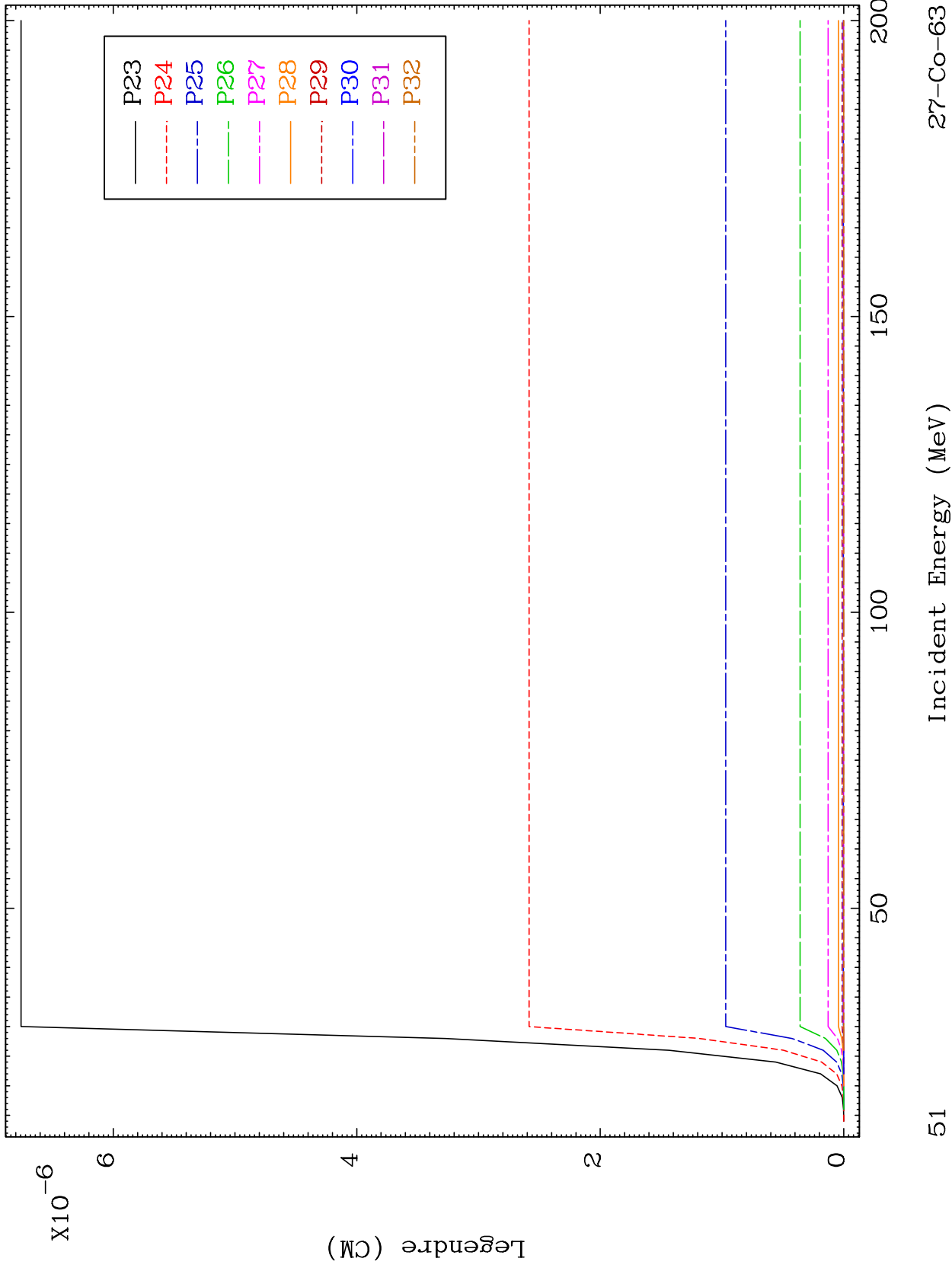
Incident Energy (MeV)

27-Co-63

MAT 2737

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

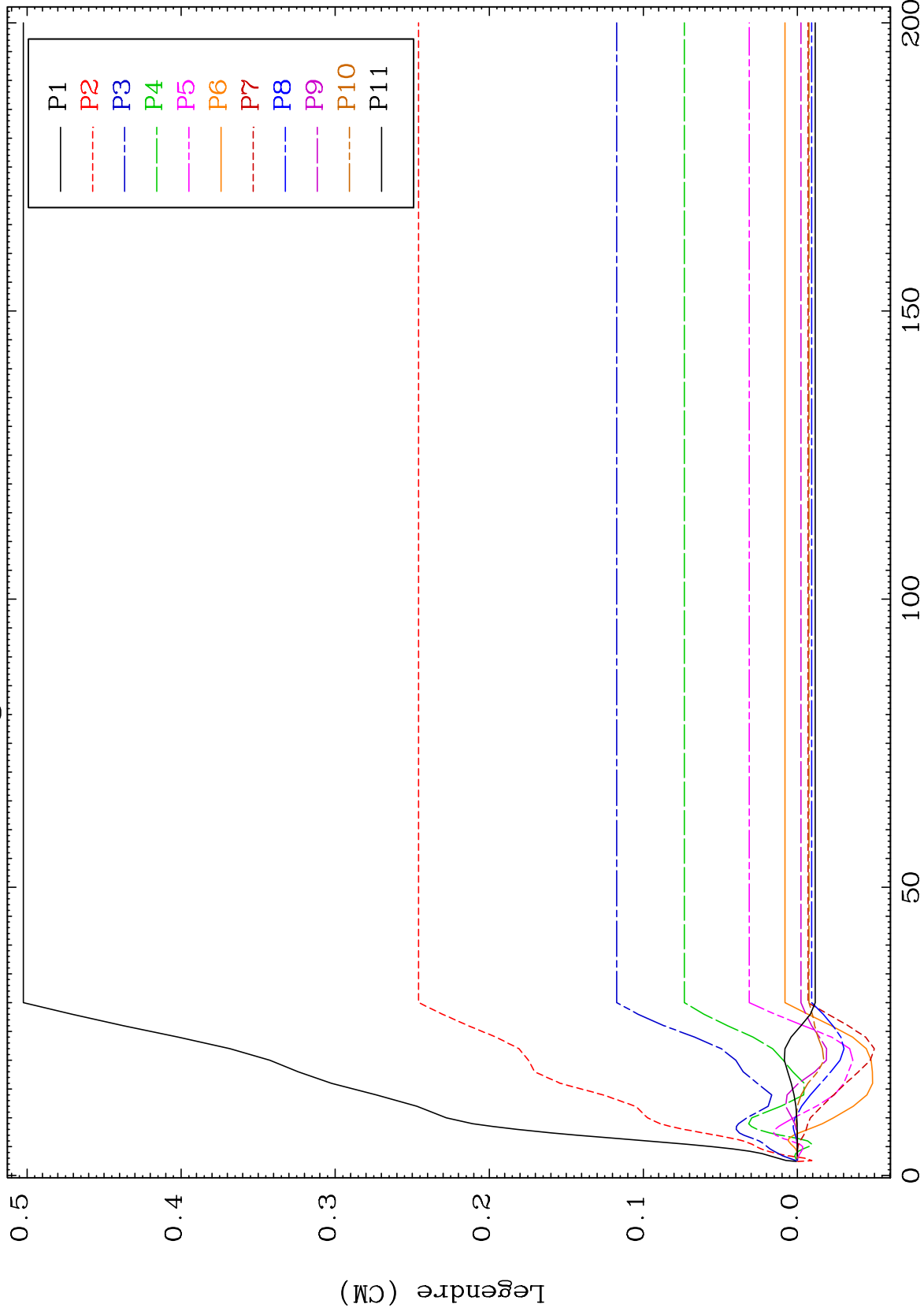
27-Co-63



MAT 2737

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

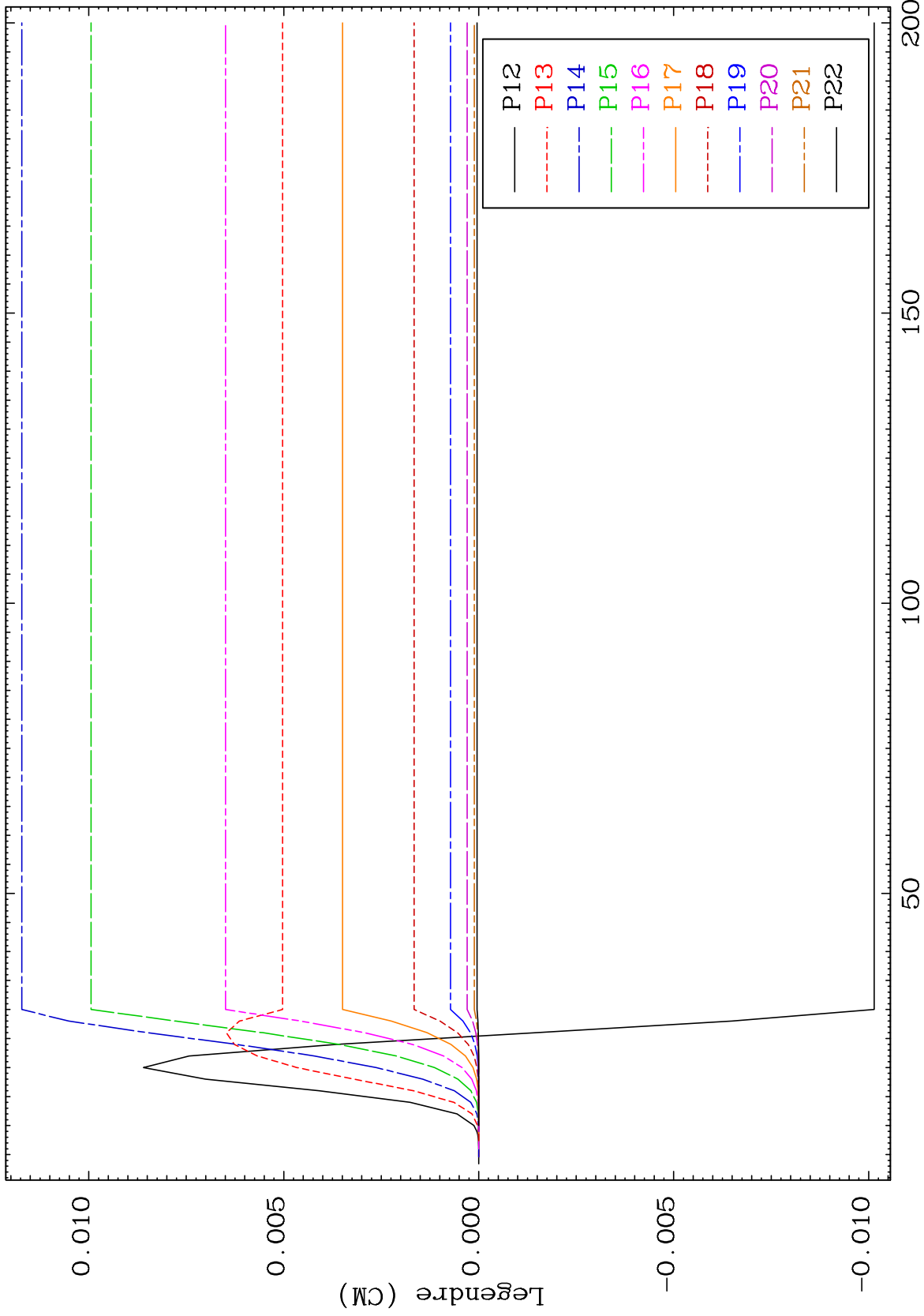
27-Co-63



52

Incident Energy (MeV)

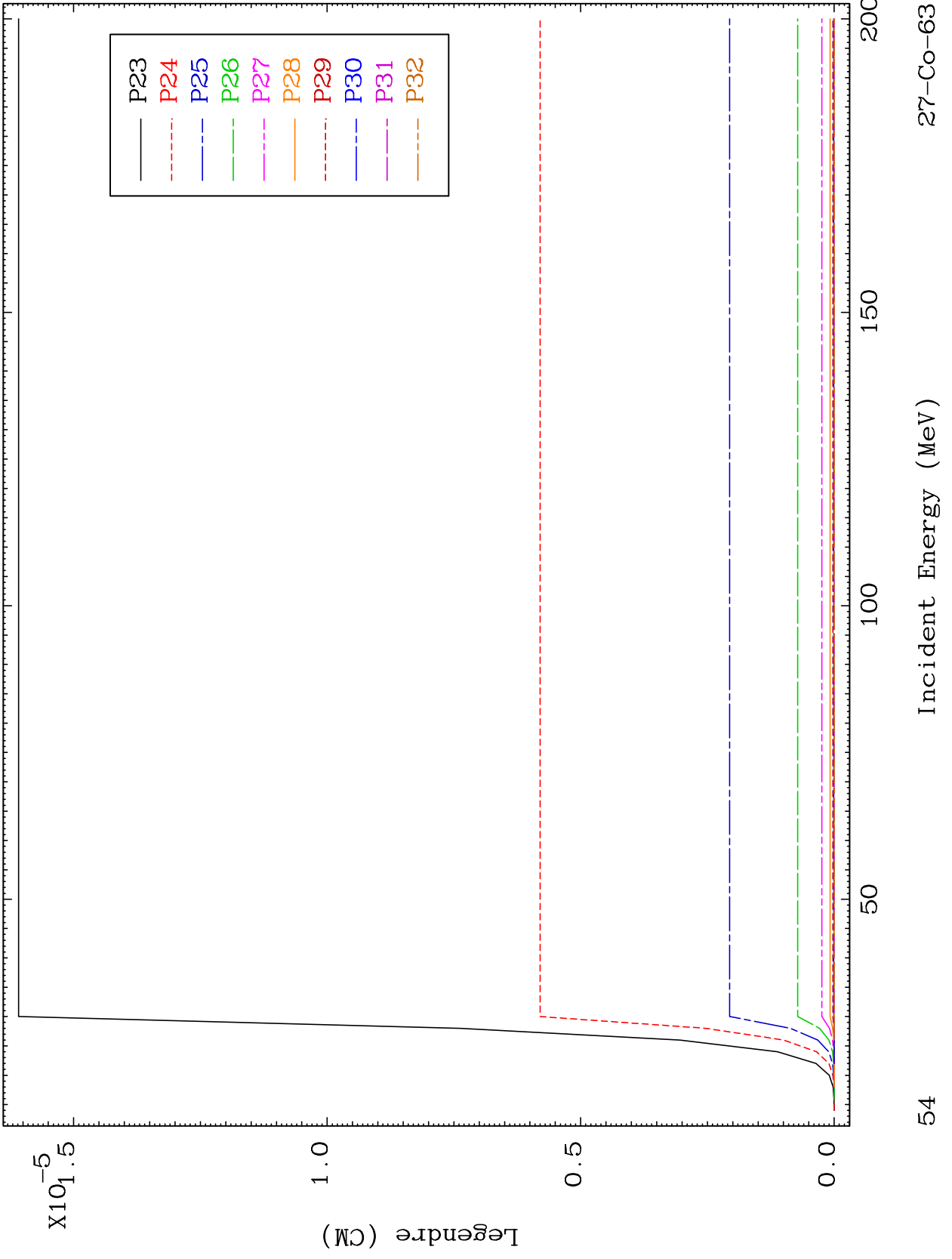
27-Co-63



MAT 2737

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

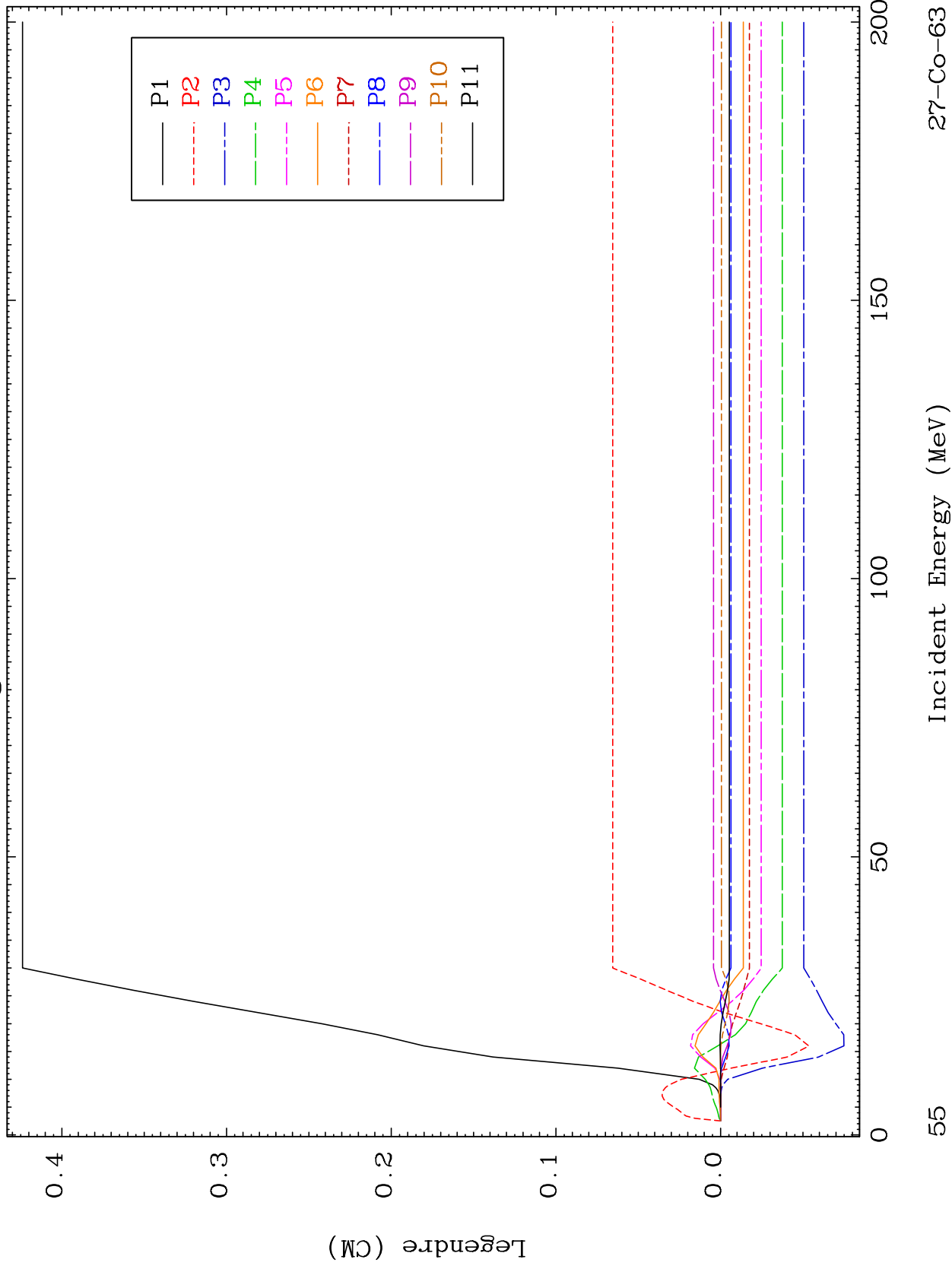
27-Co-63



MAT 2737

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

27-Co-63



27-Co-63

Incident Energy (MeV)

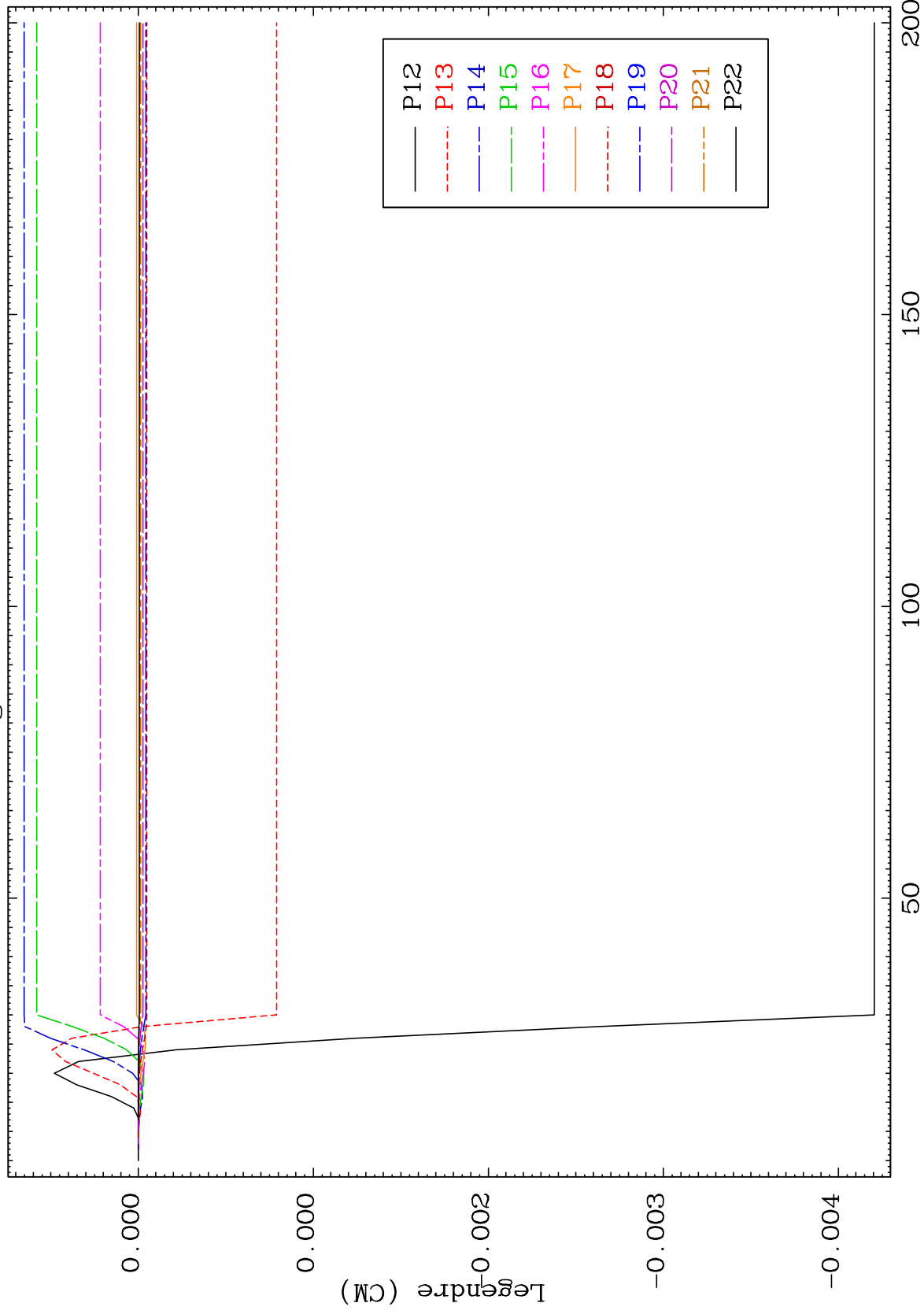
55



MAT 2737

27-Co-63

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



56

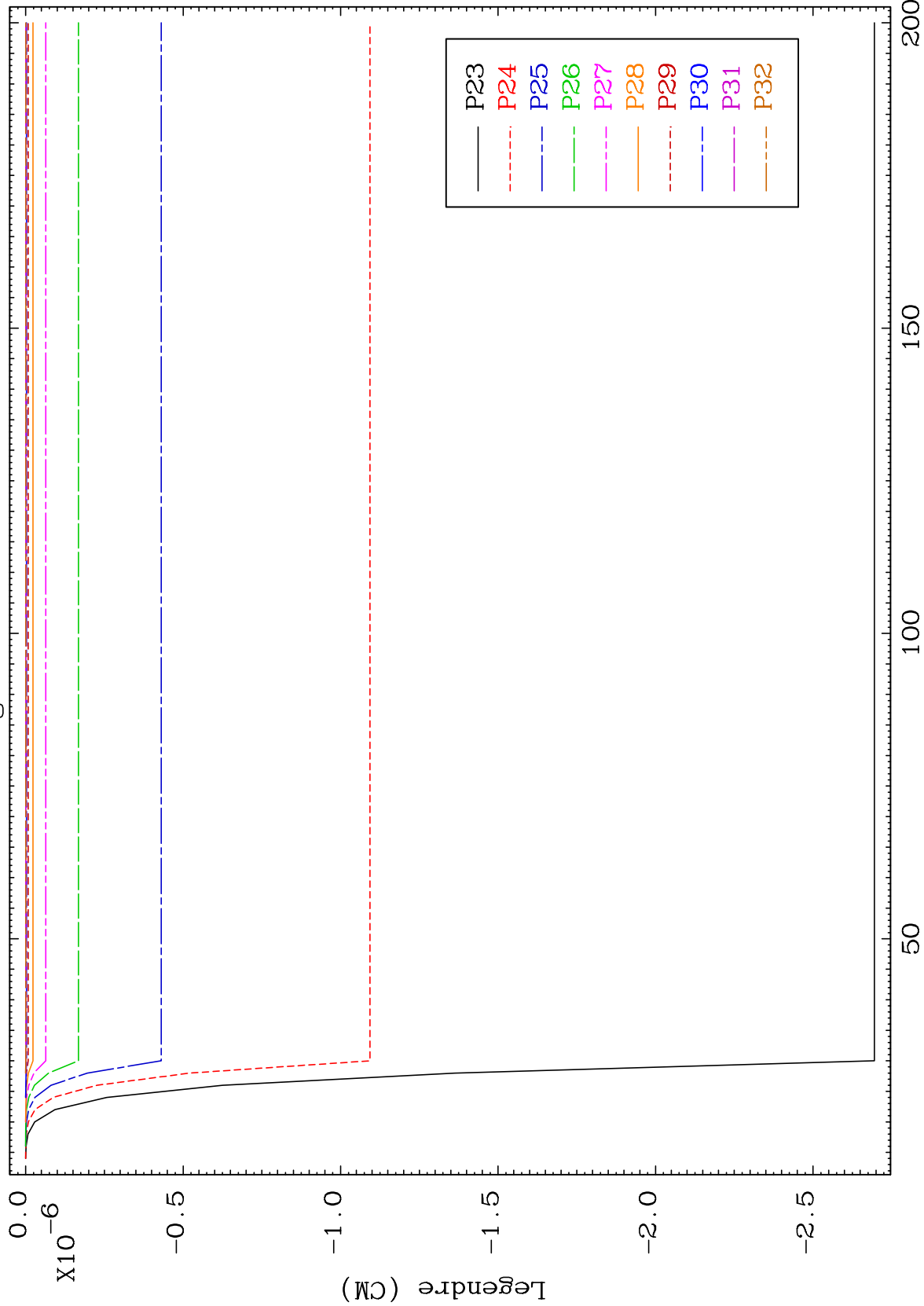
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



57

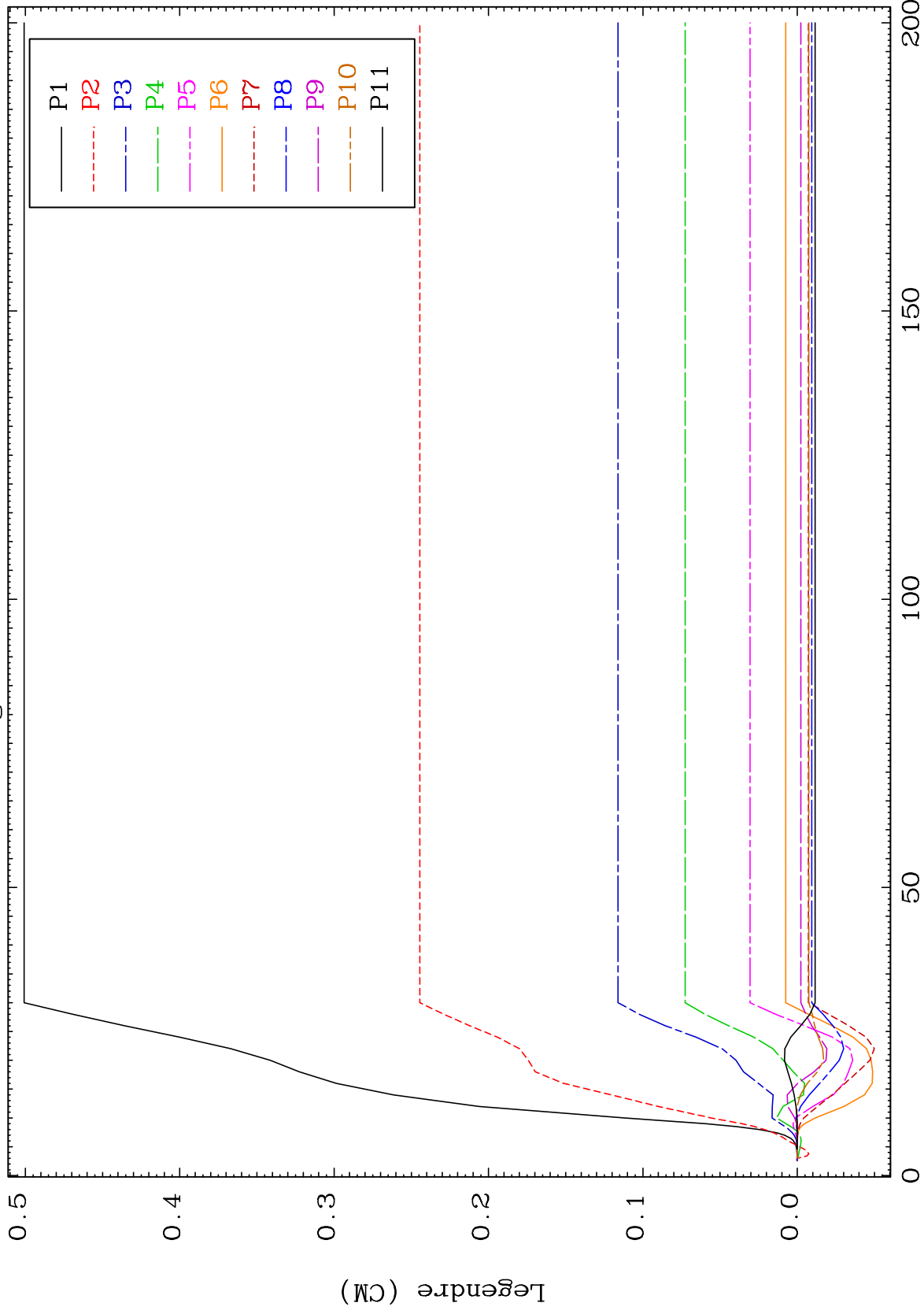
Incident Energy (MeV)

27-Co-63

MAT 2737

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

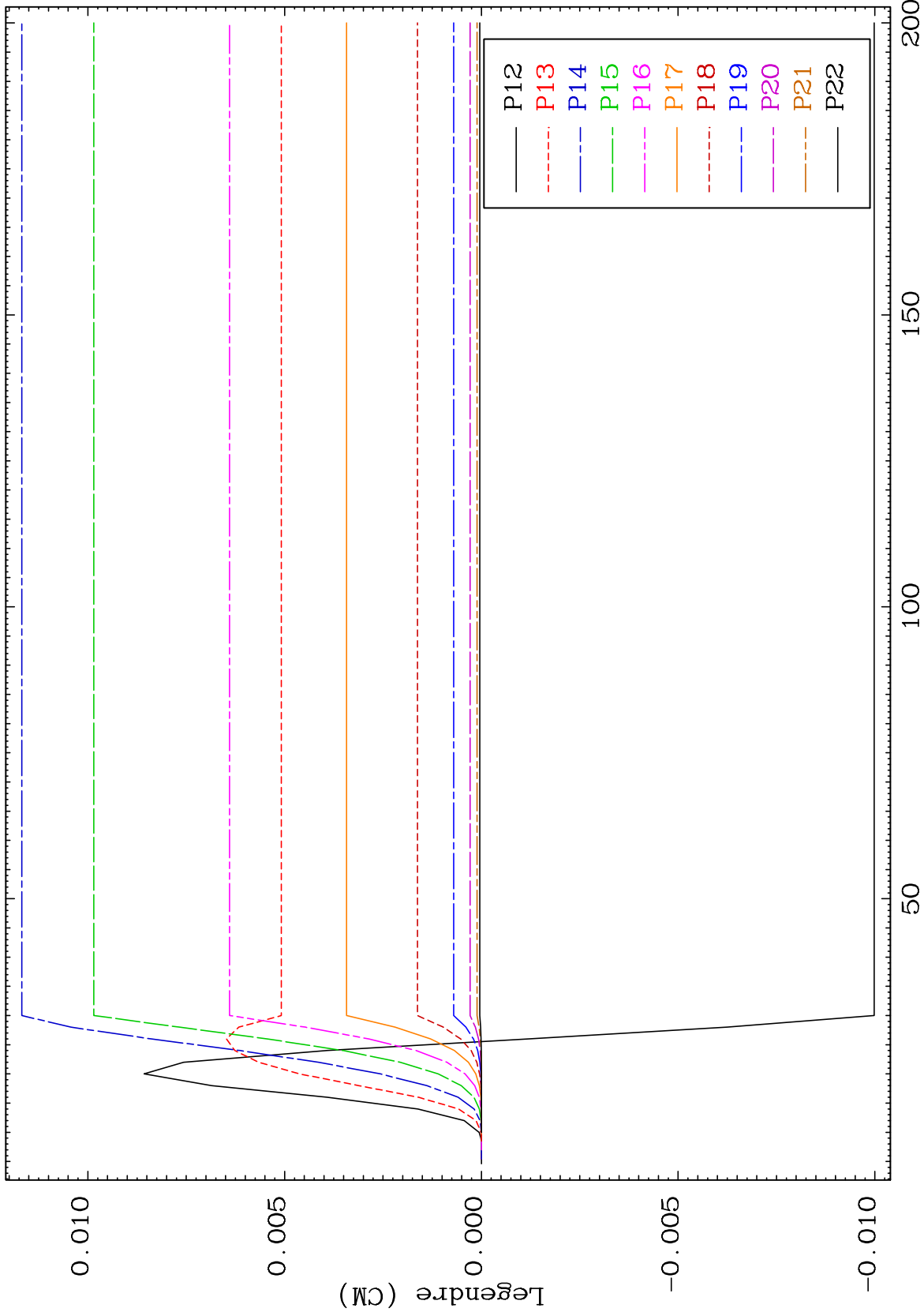
27-Co-63



58

Incident Energy (MeV)

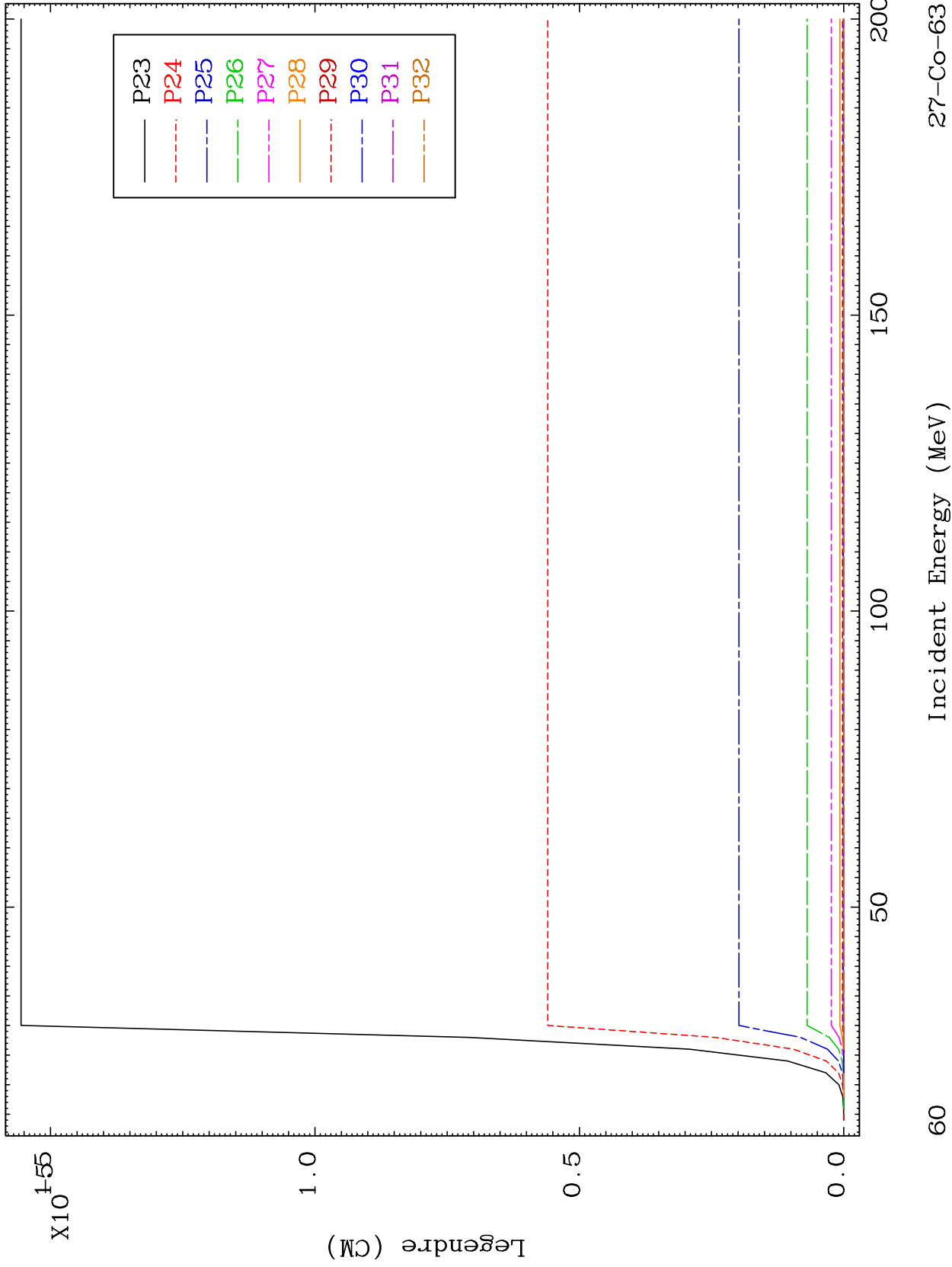
27-Co-63



MAT 2737

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

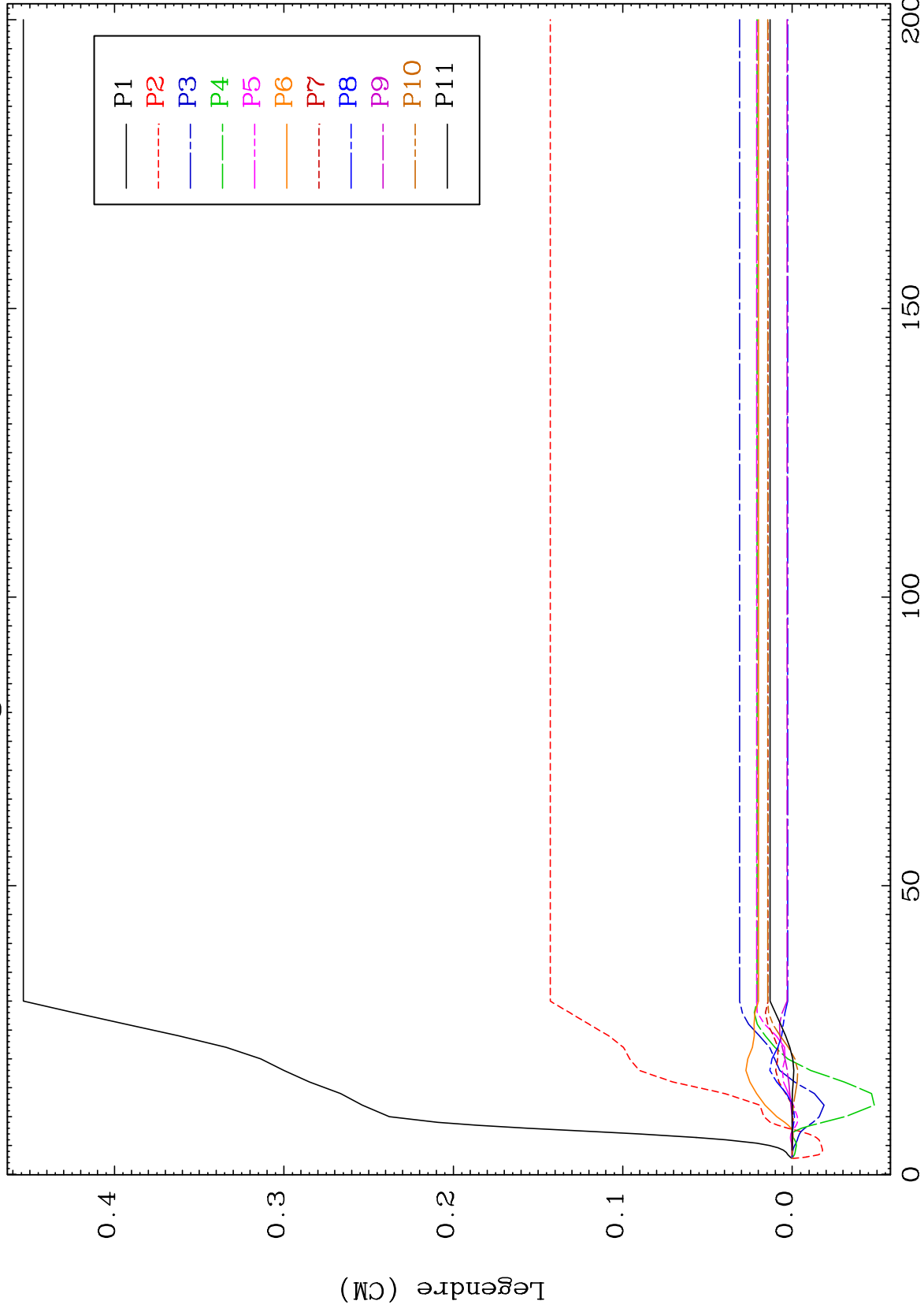
27-Co-63



MAT 2737

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

27-Co-63



61

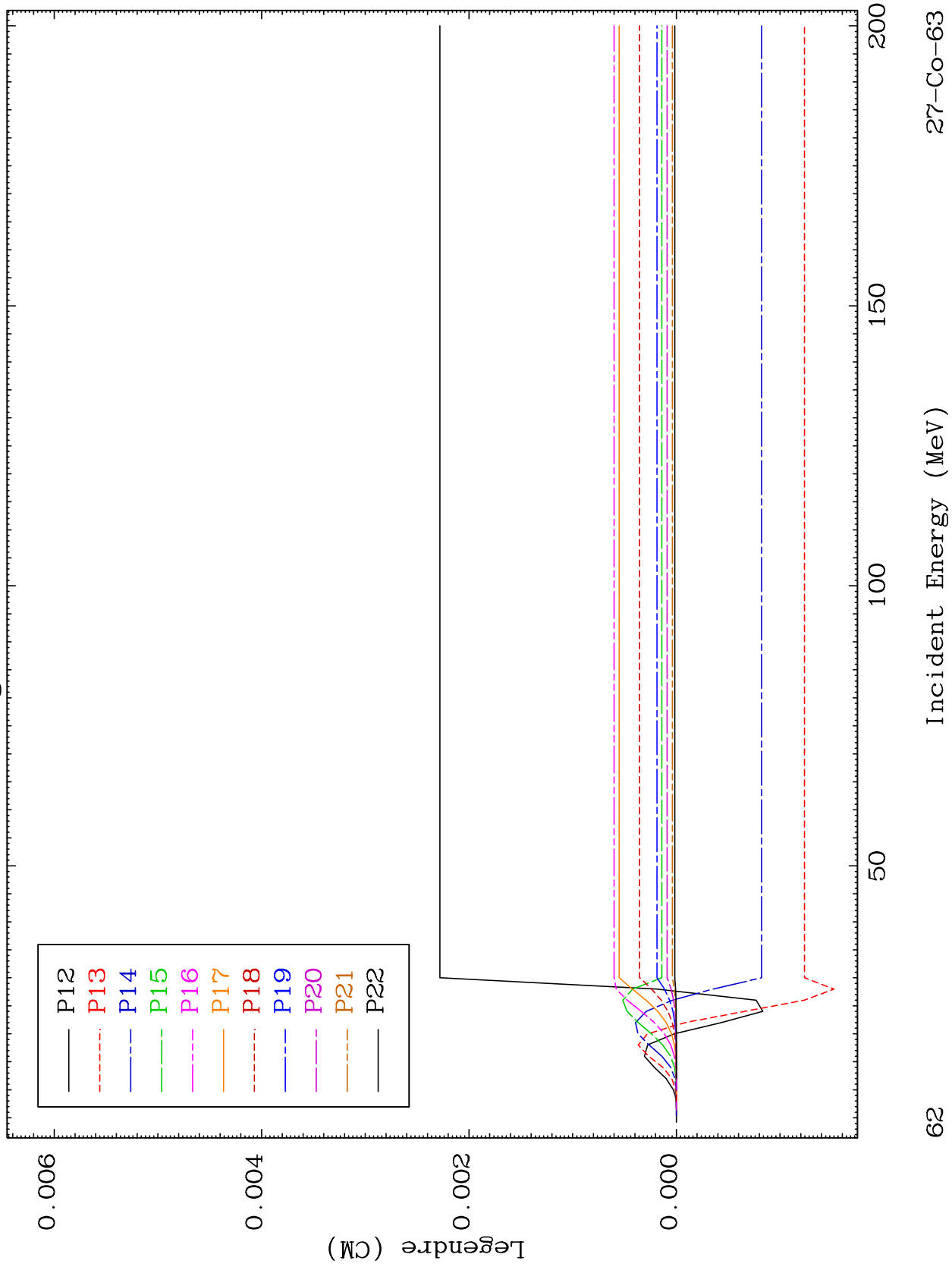
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



62

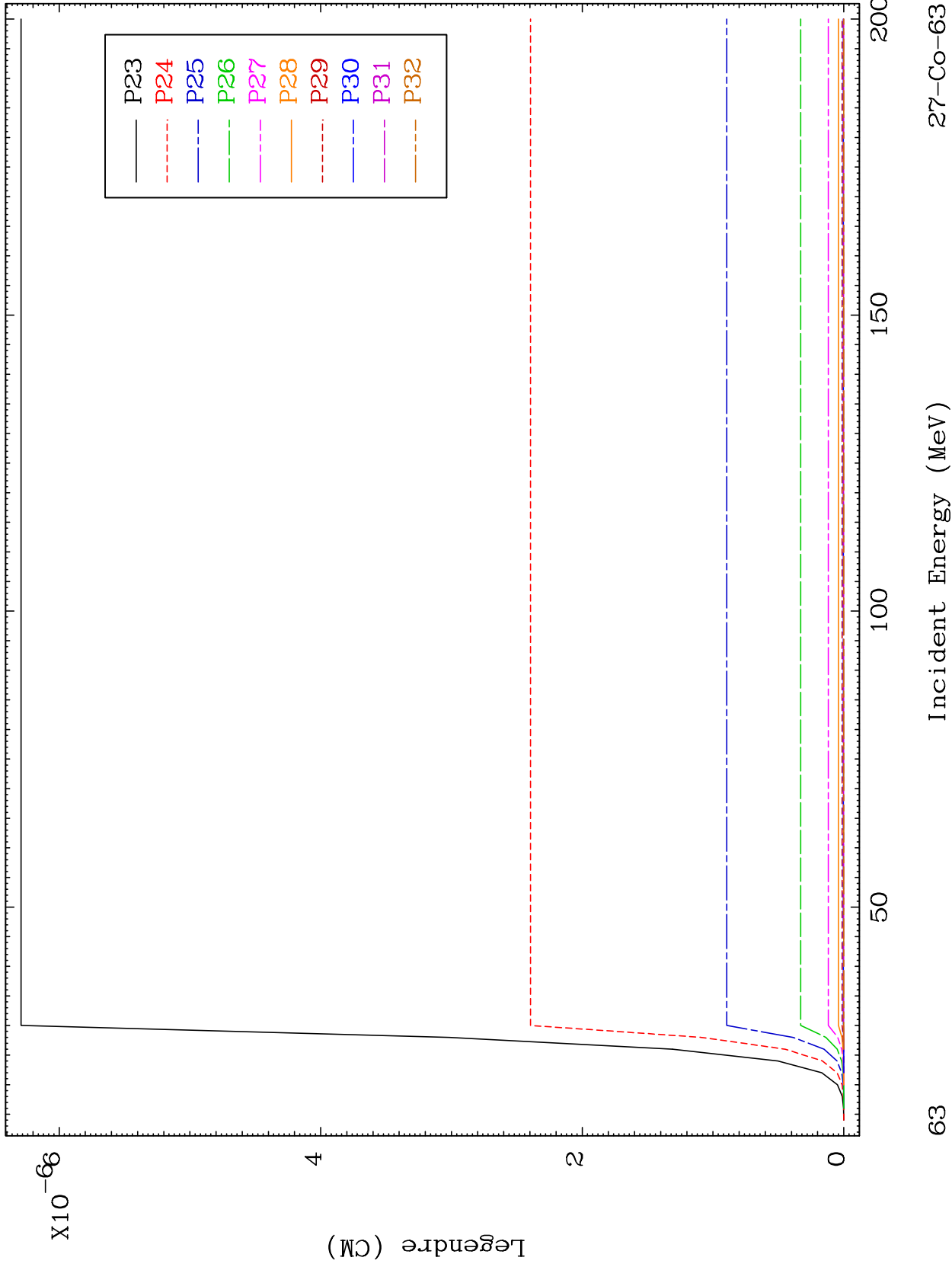
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



63

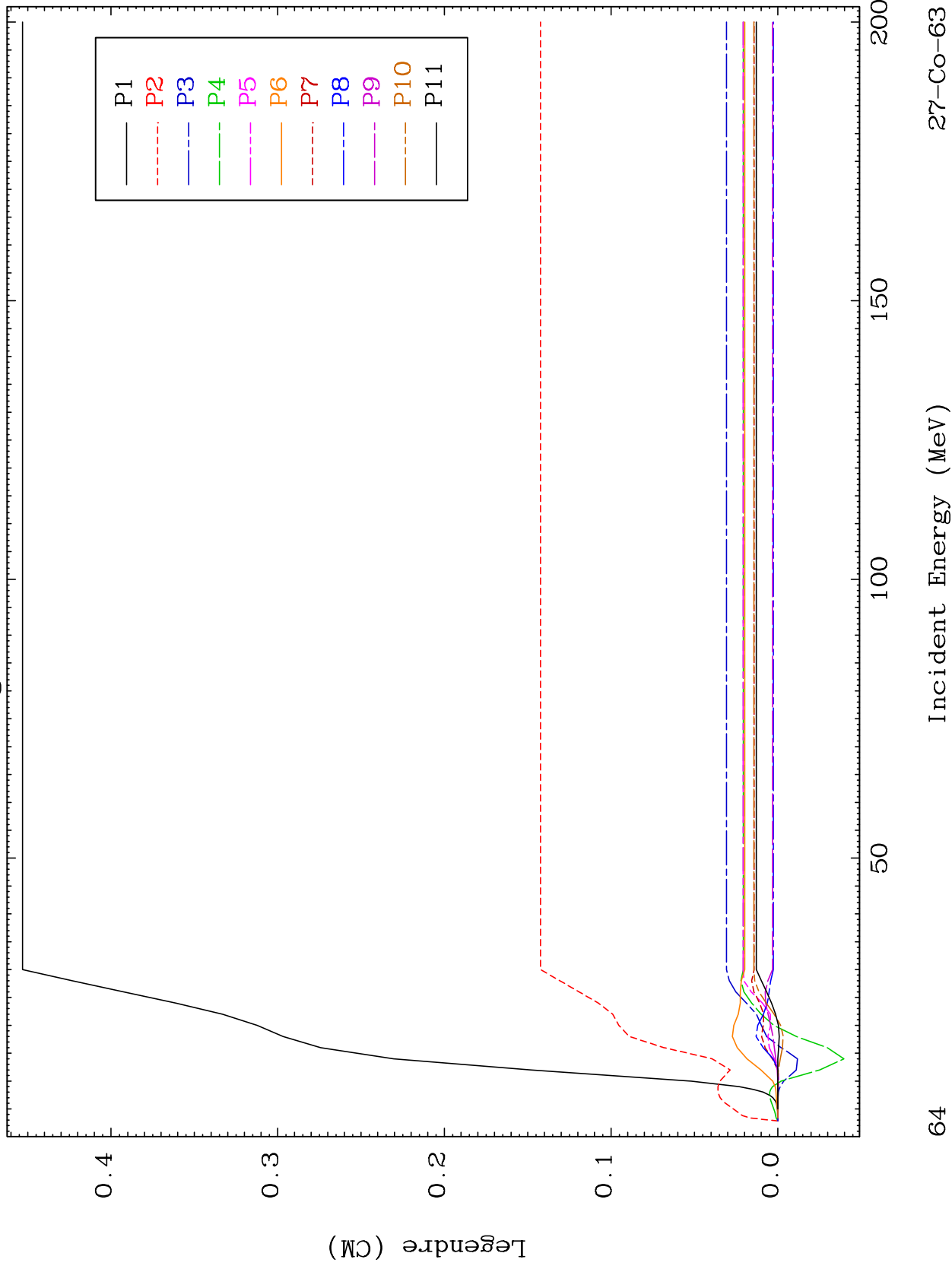
27-Co-63



MAT 2737

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

27-Co-63



64

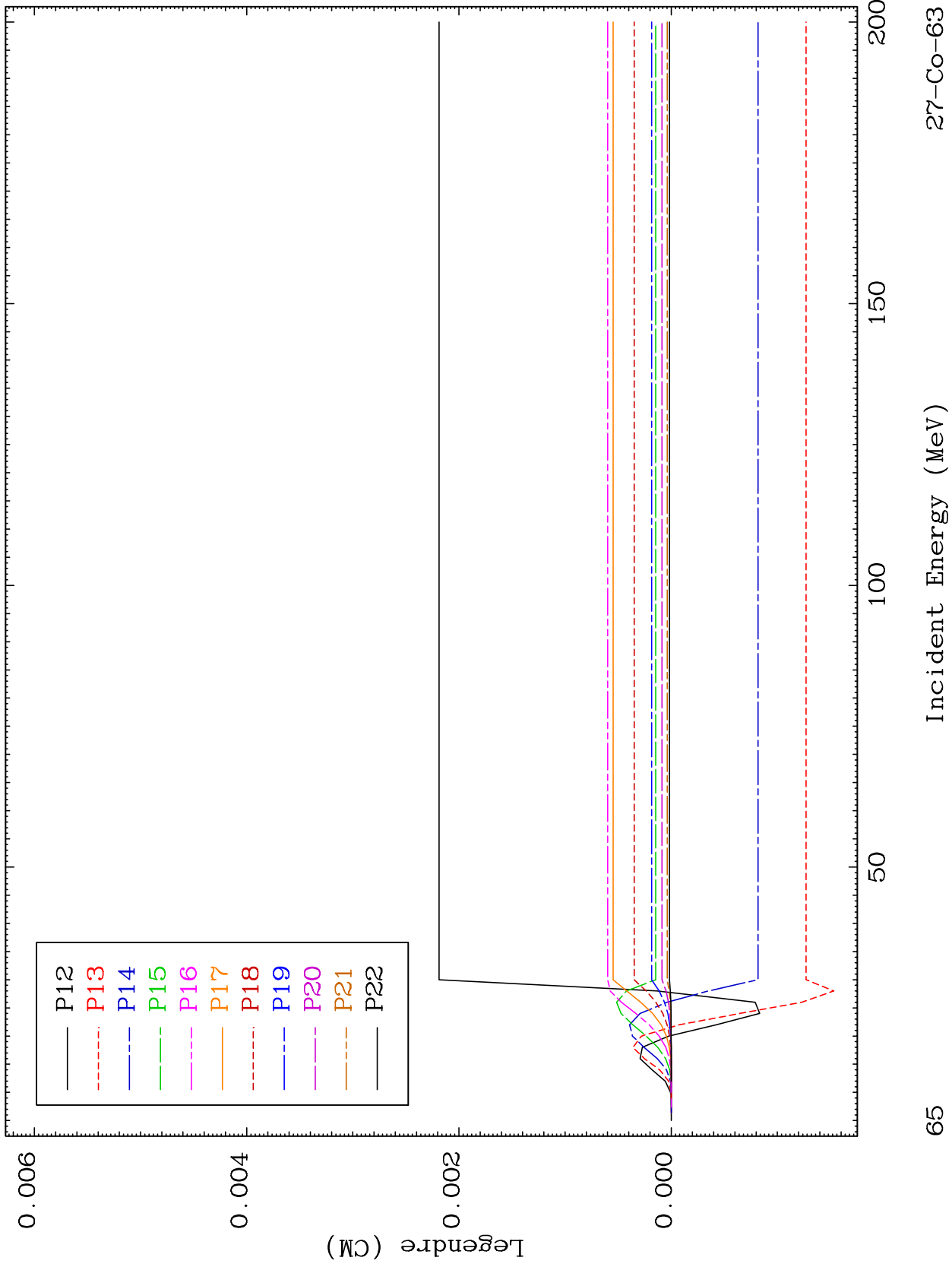
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



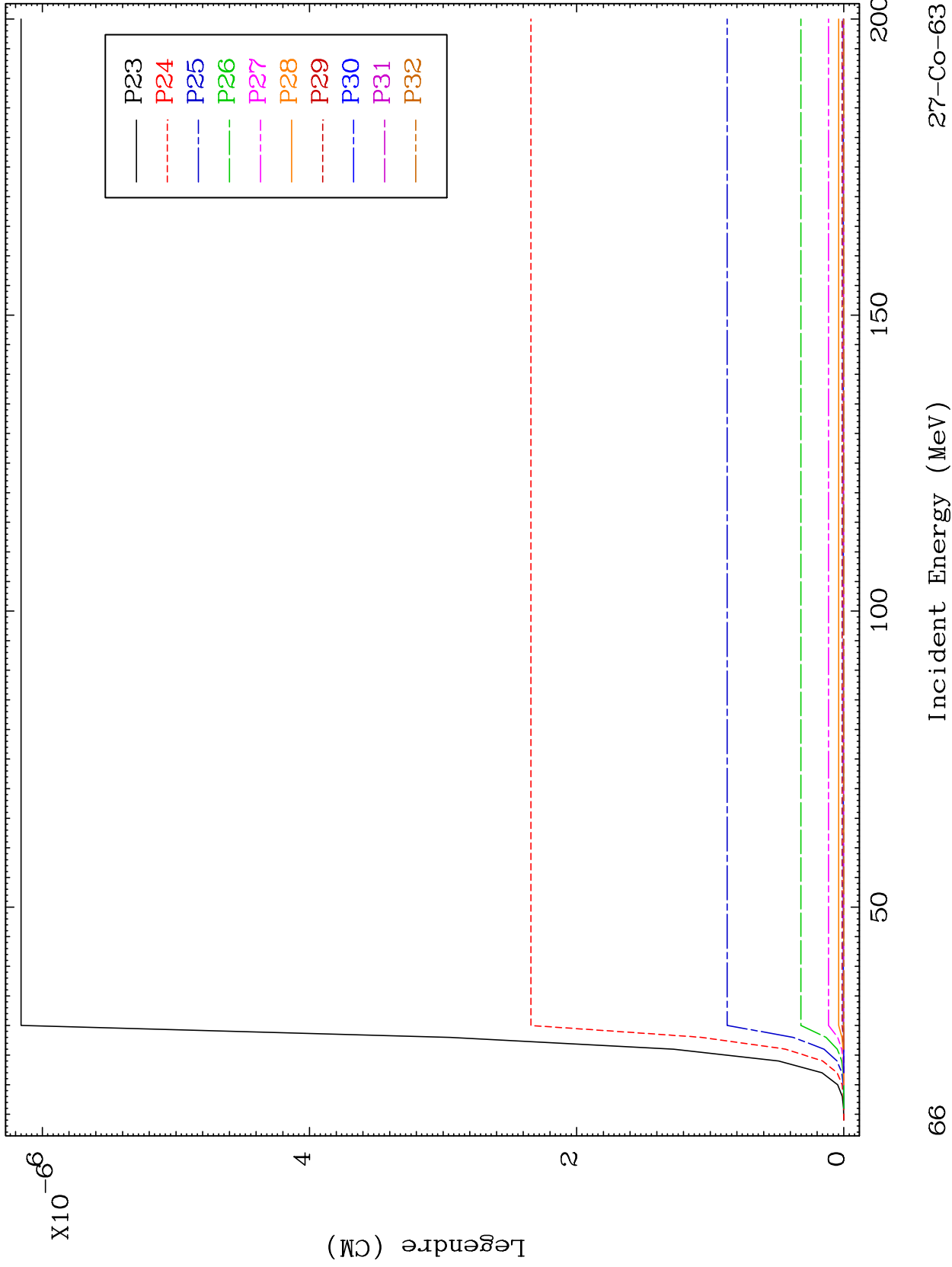
65

27-Co-63

MAT 2737

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

27-Co-63



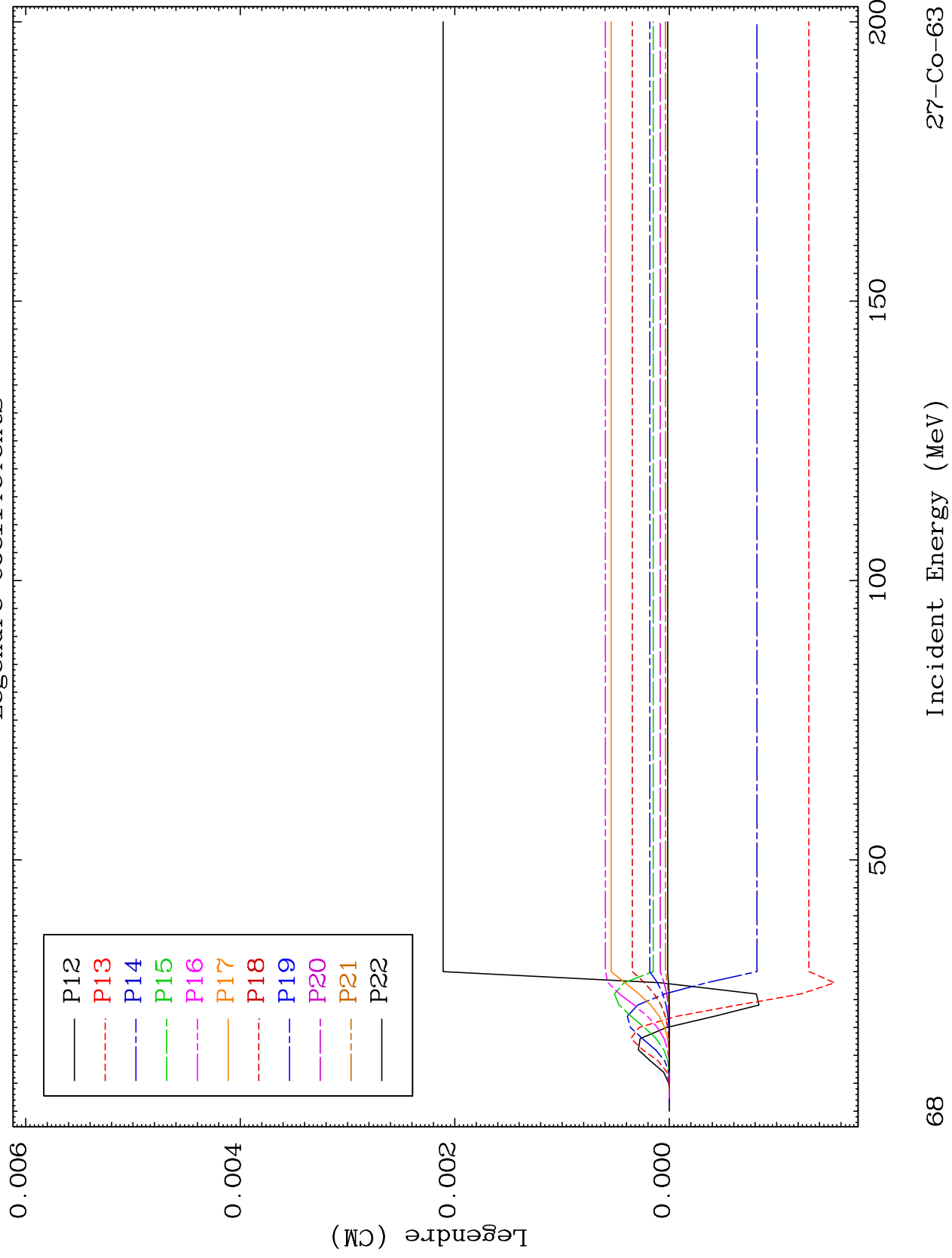
66



MAT 2737

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

27-Co-63

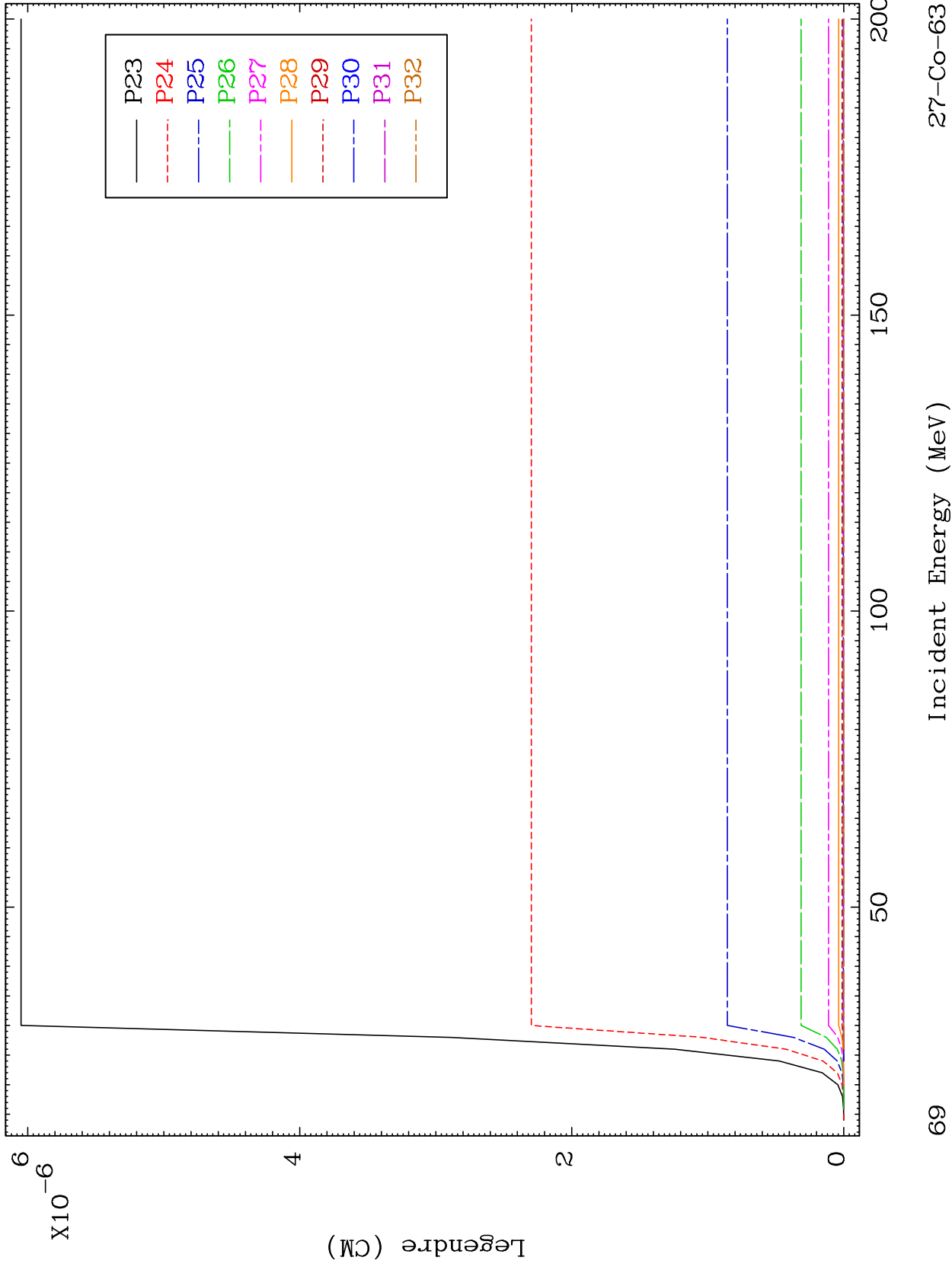


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MAT 2737

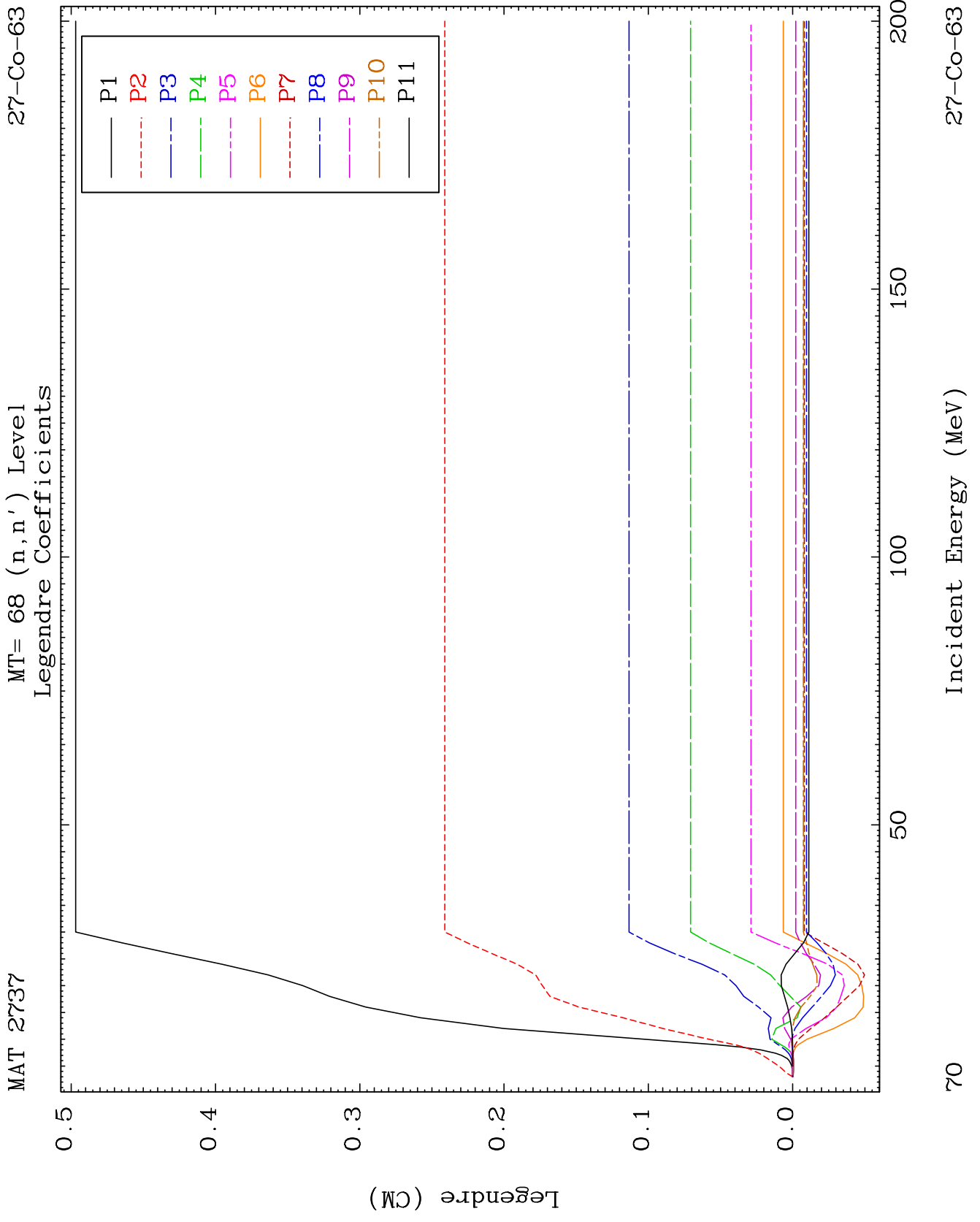
MT= 67 (n,n') Level  
Legendre Coefficients

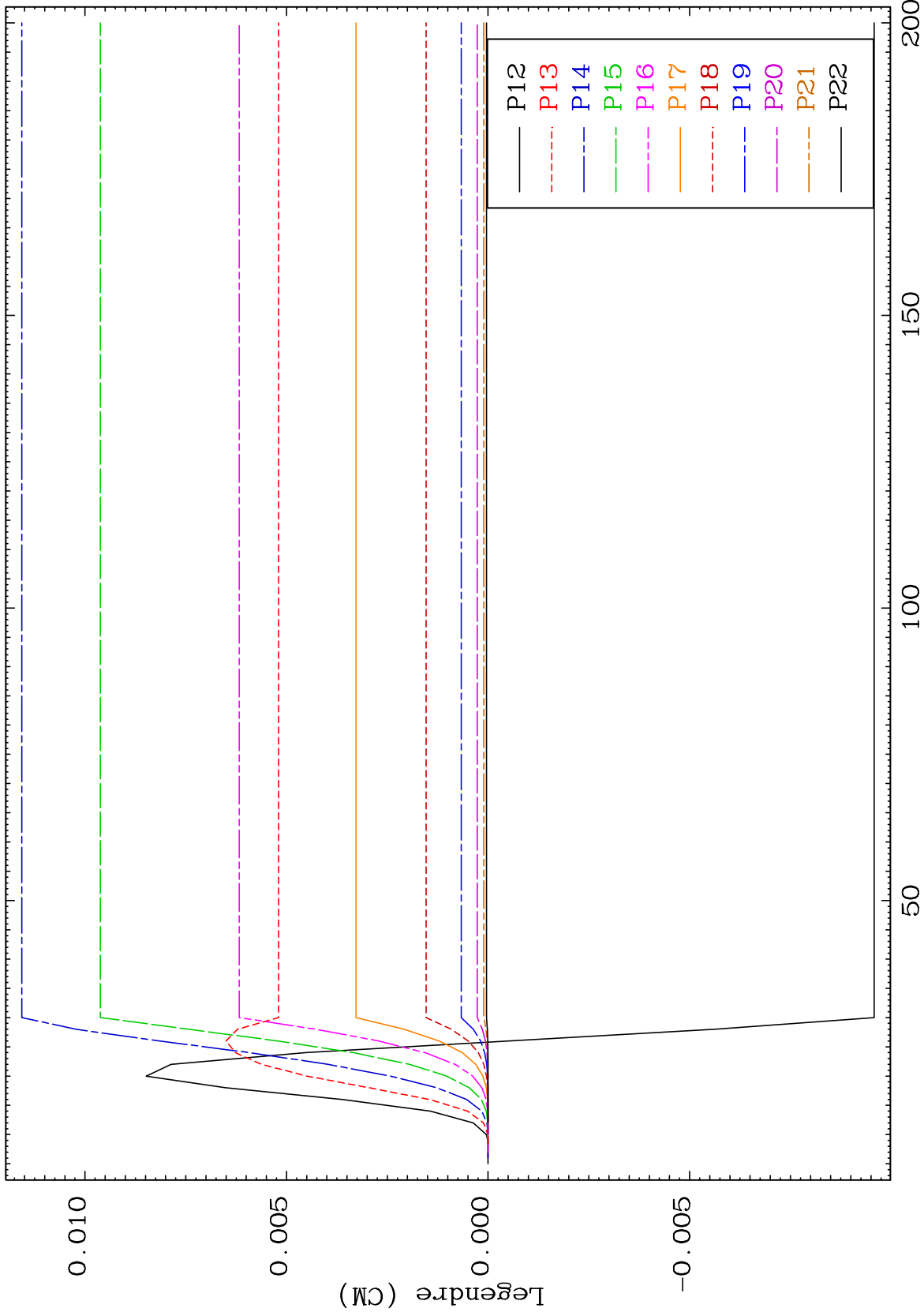
27-Co-63



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27-Co-63



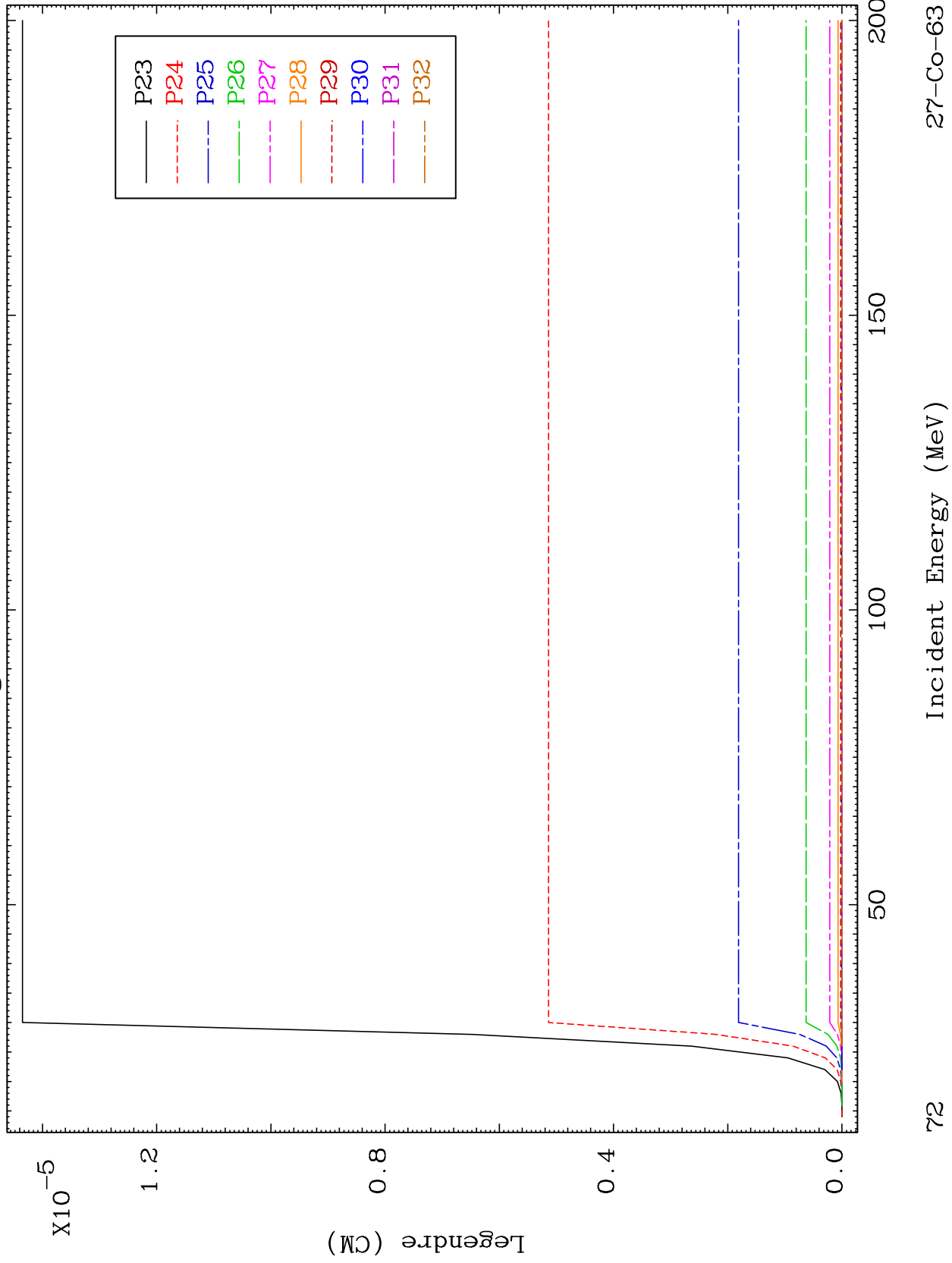




MAT 2737

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

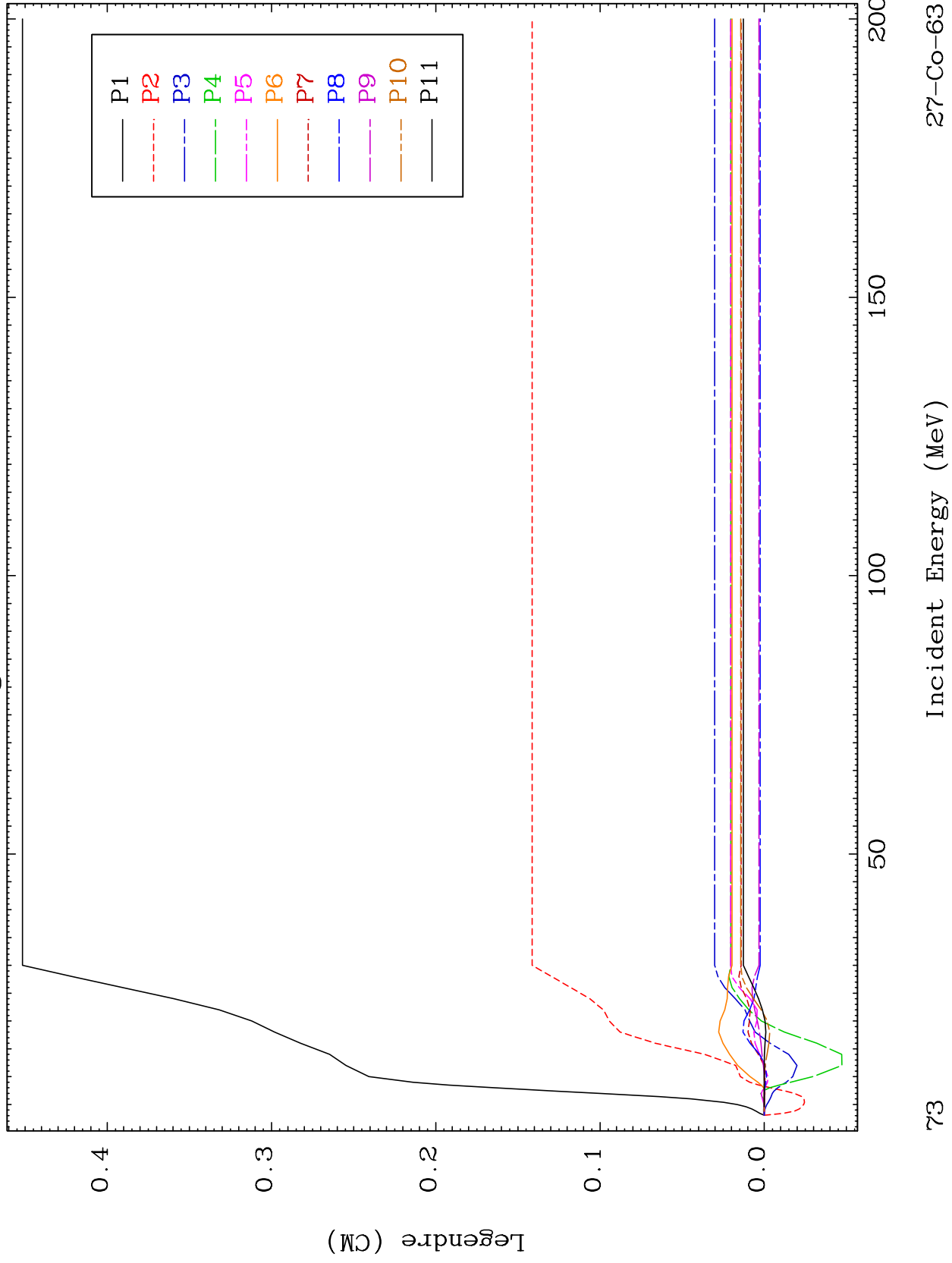
27-Co-63

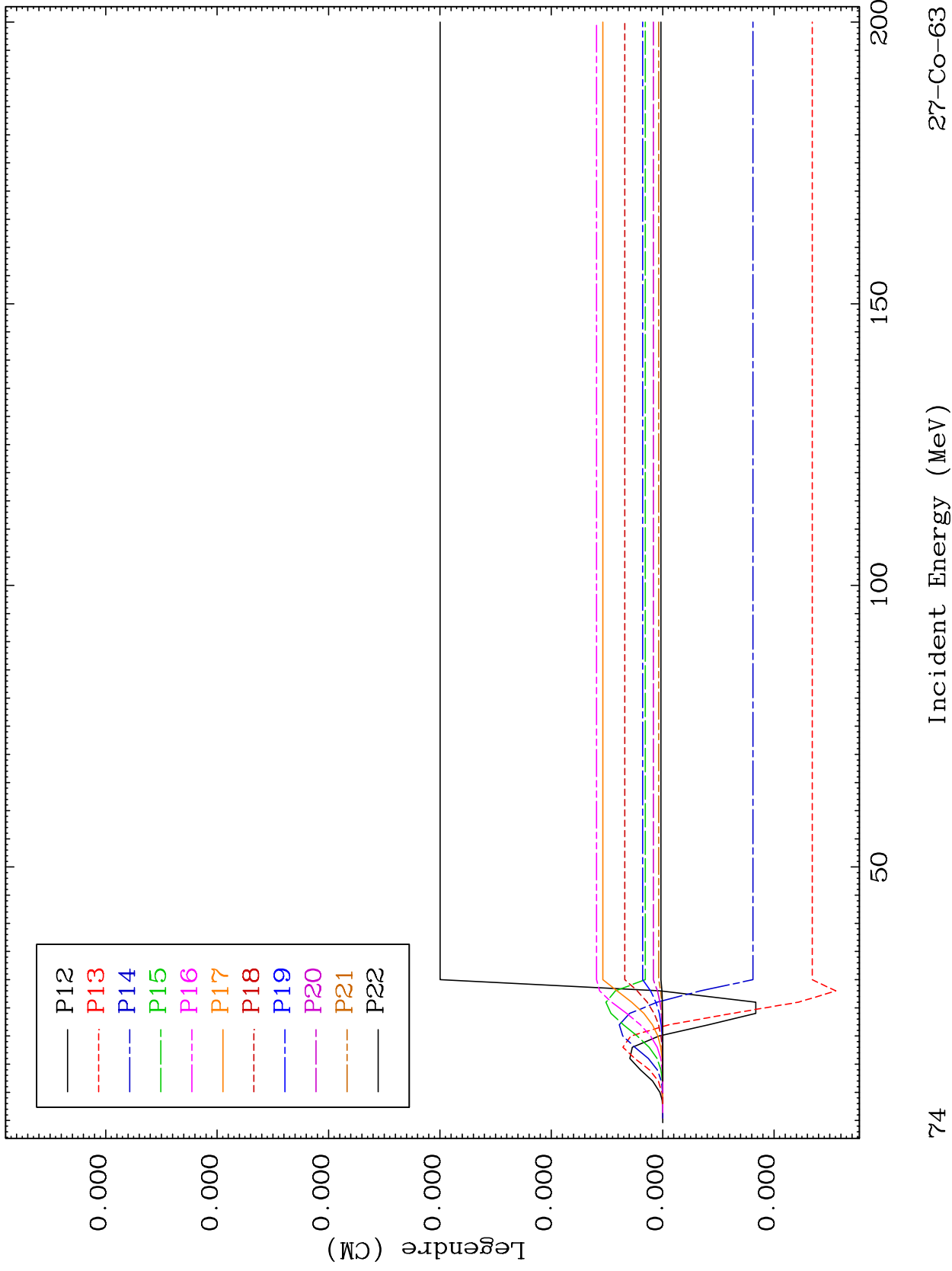


MAT 2737

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

27-Co-63

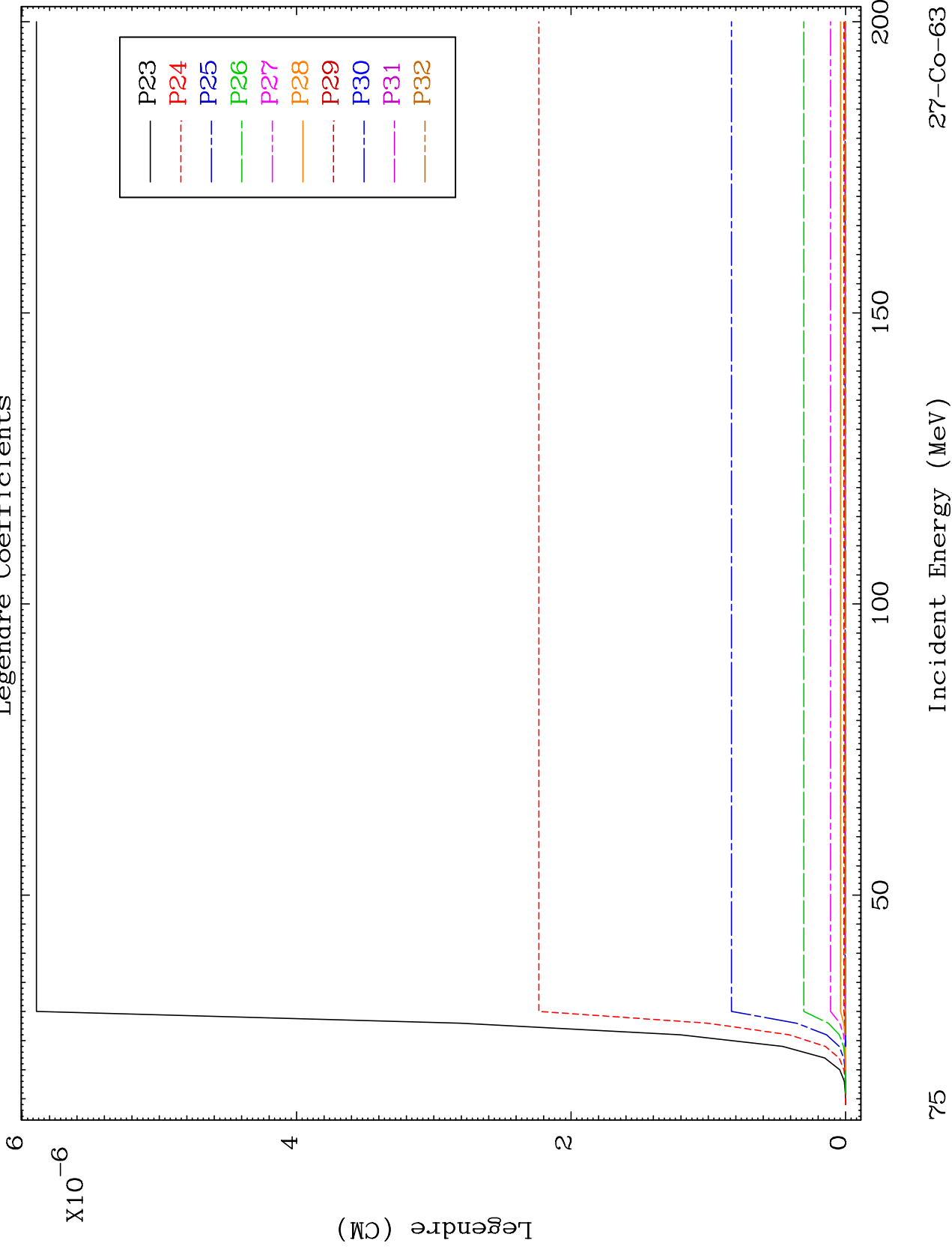




MAT 2737

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

27-Co-63



75

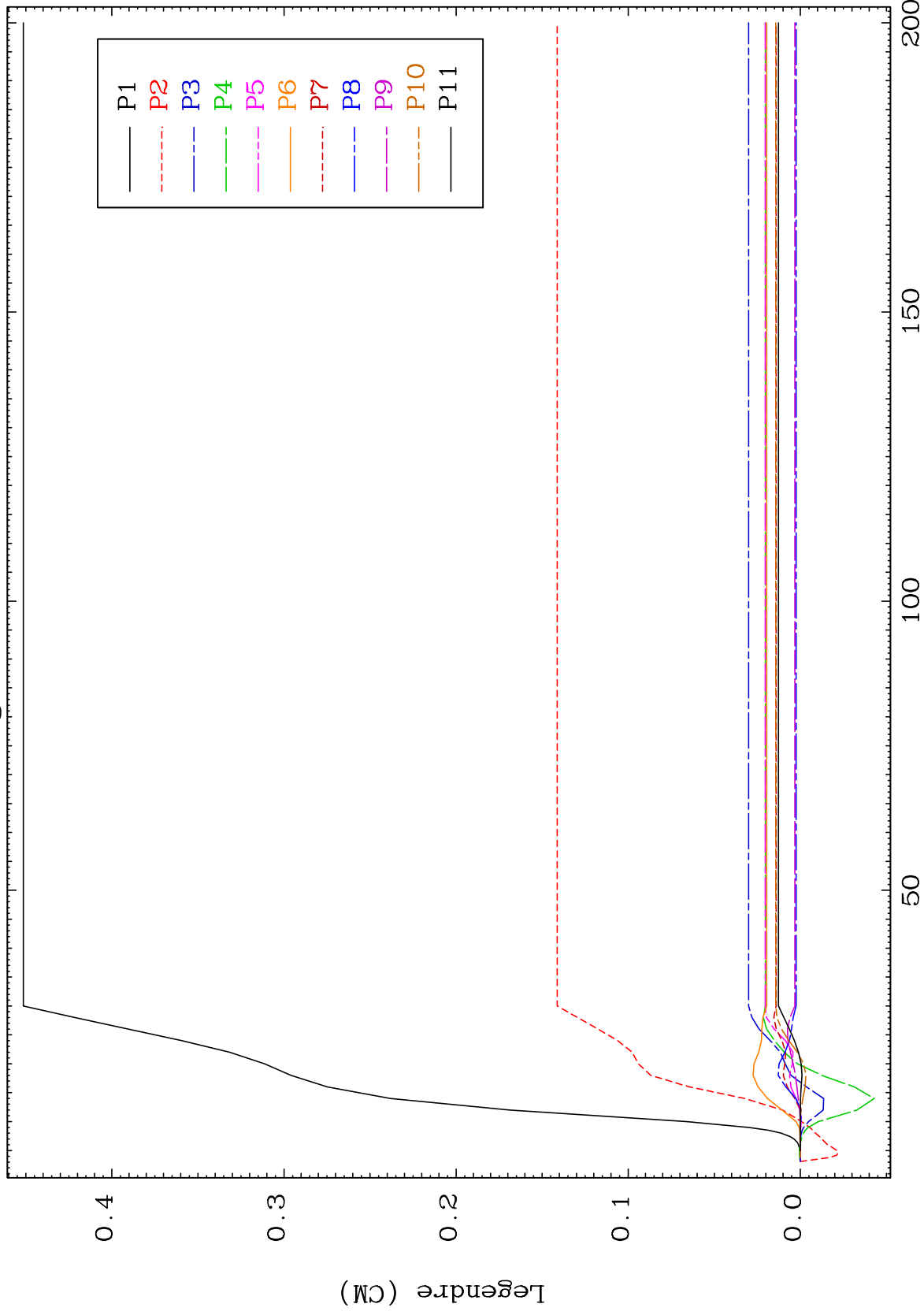
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



76

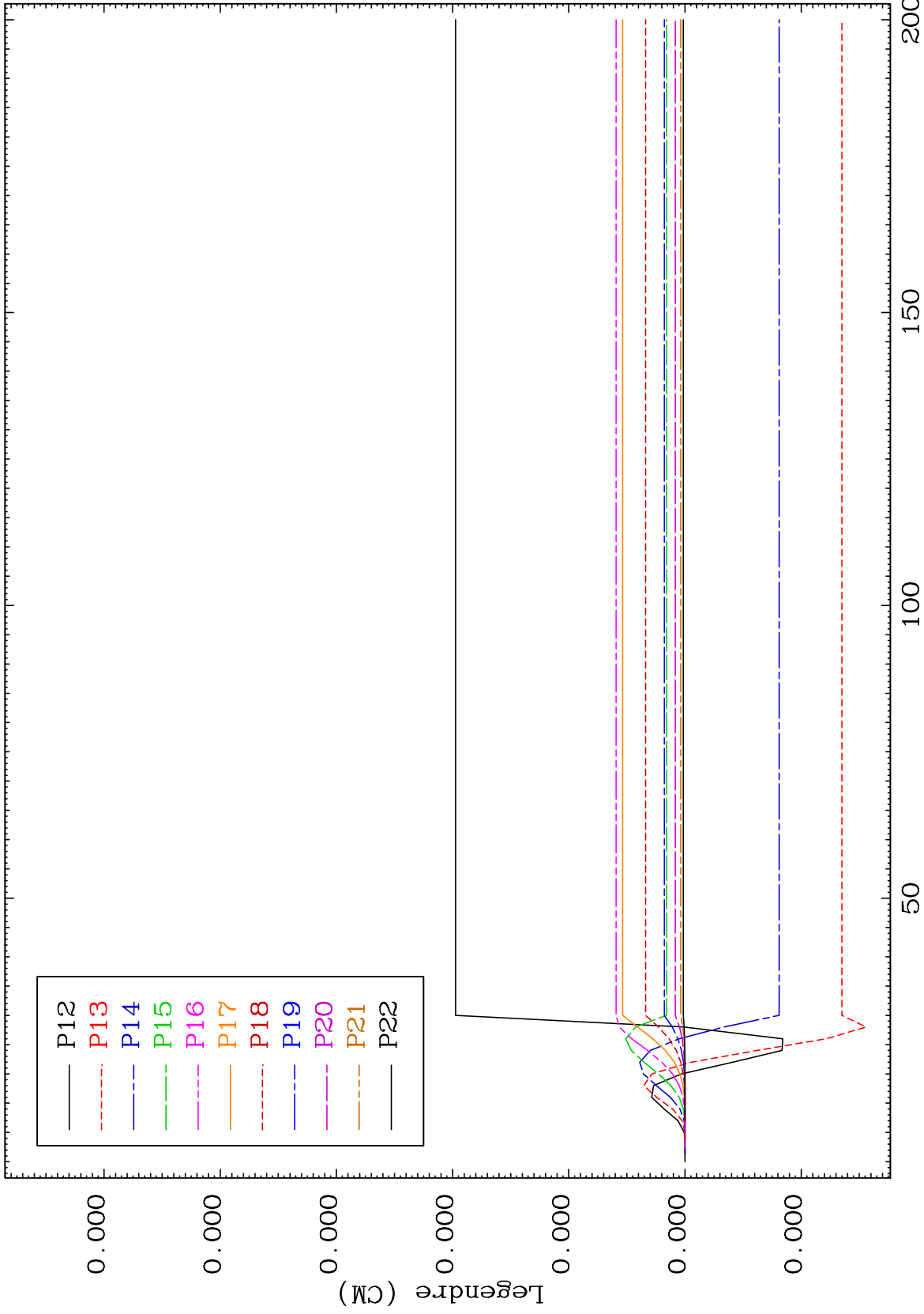
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



77

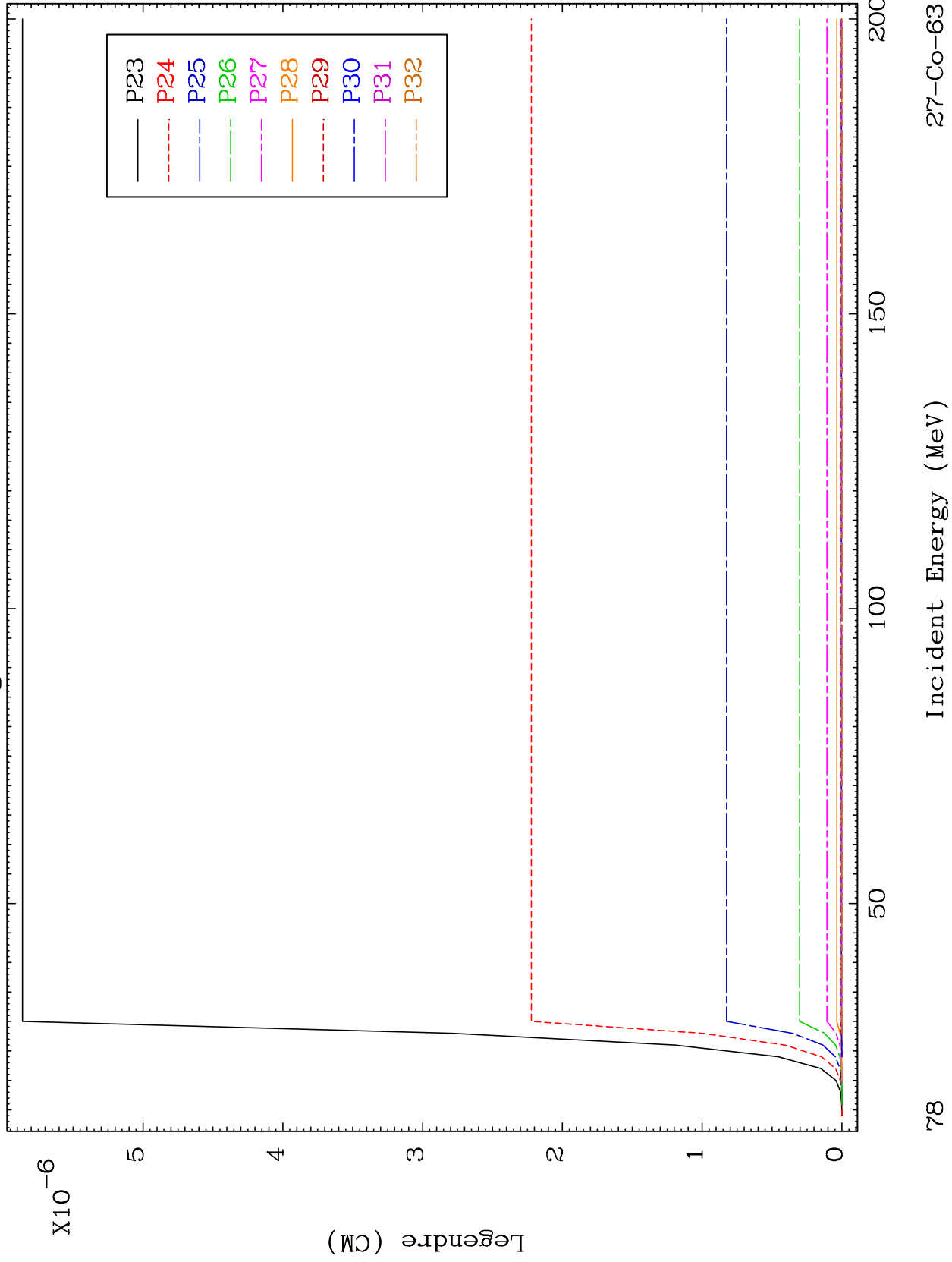
Incident Energy (MeV)

27-Co-63

MAT 2737

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

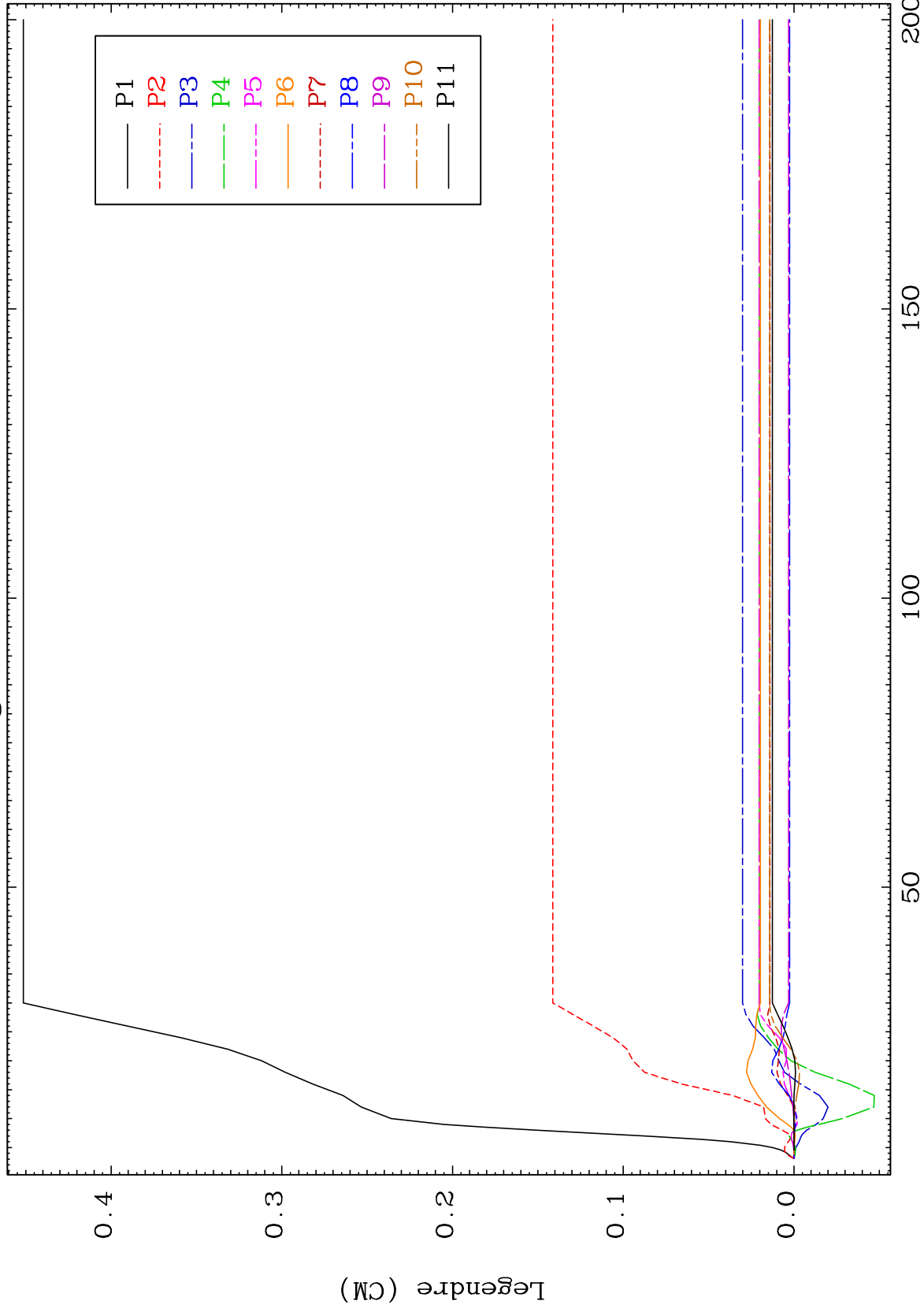
27-Co-63



MAT 2737

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

27-Co-63



79

Incident Energy (MeV)

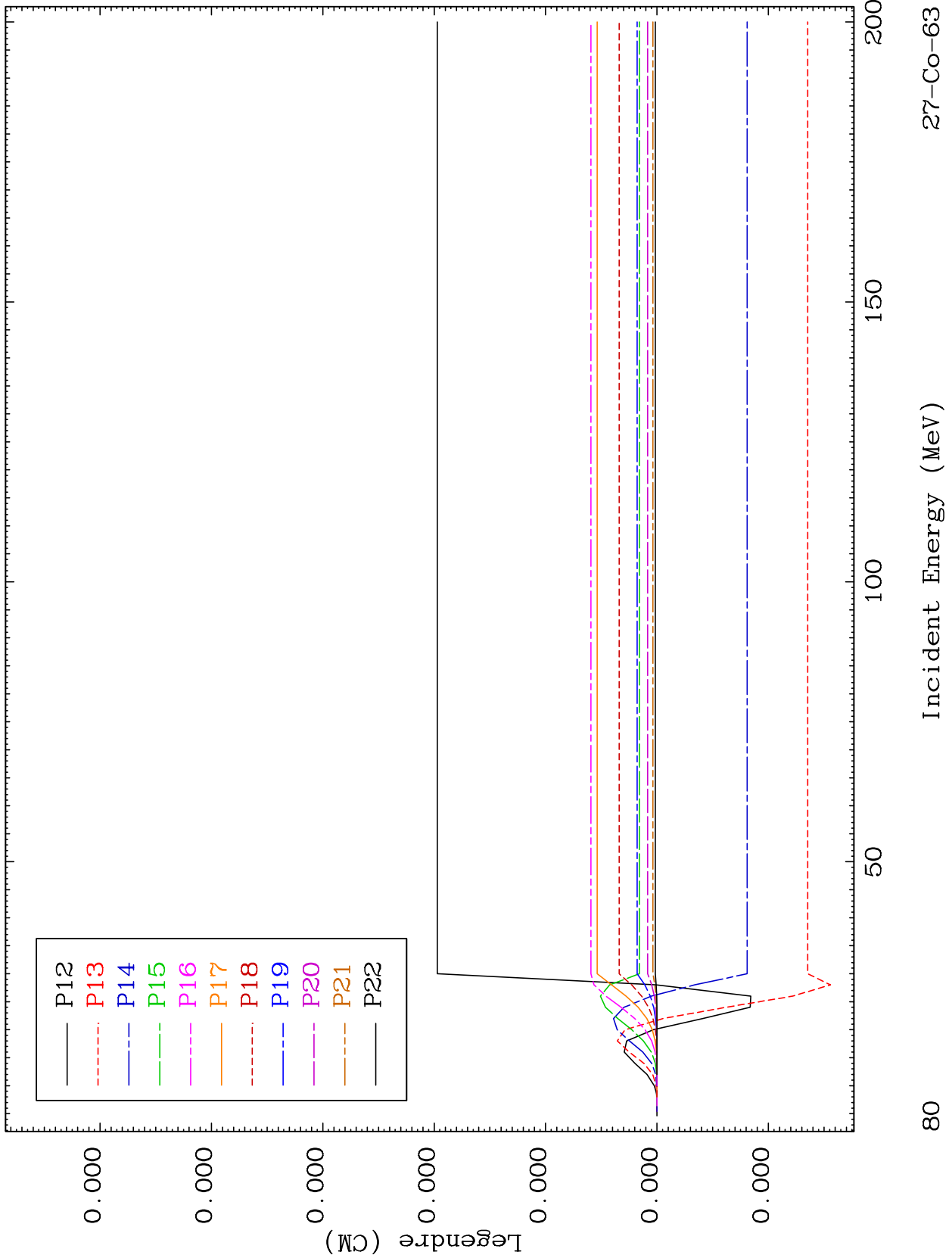
27-Co-63



MAT 2737

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

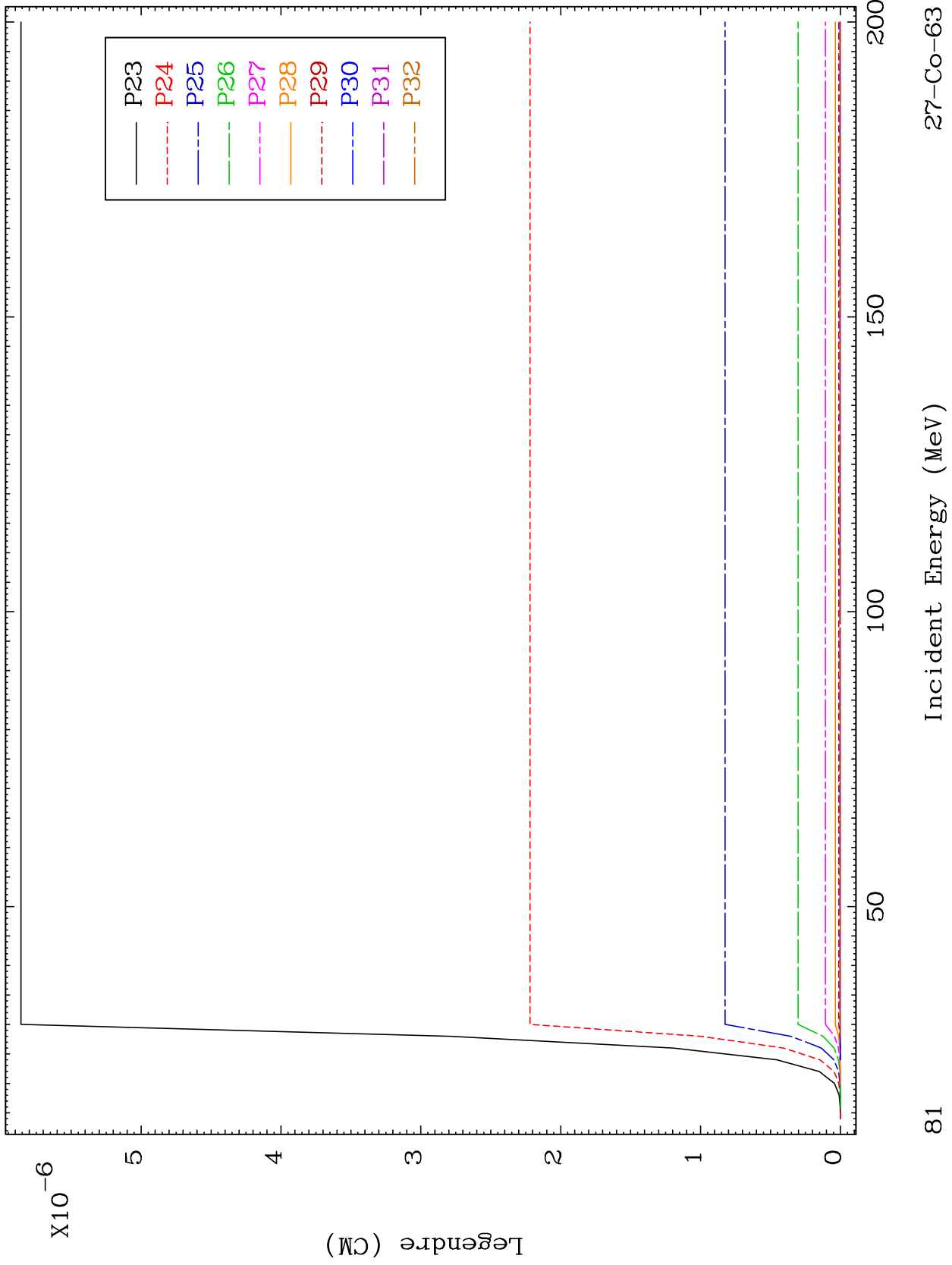
27-Co-63



MAT 2737

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

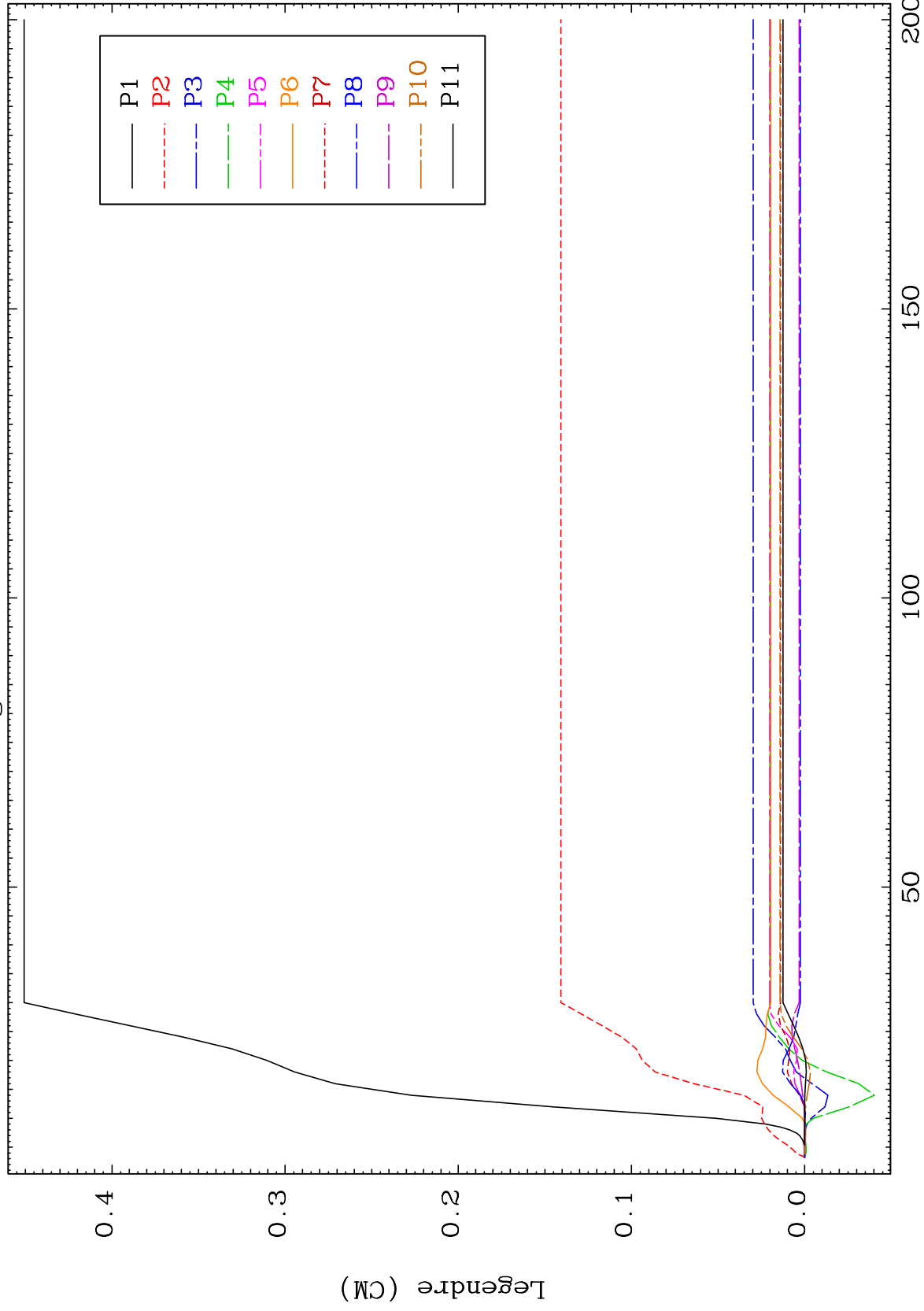
27-Co-63



MAT 2737

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

27-Co-63



82

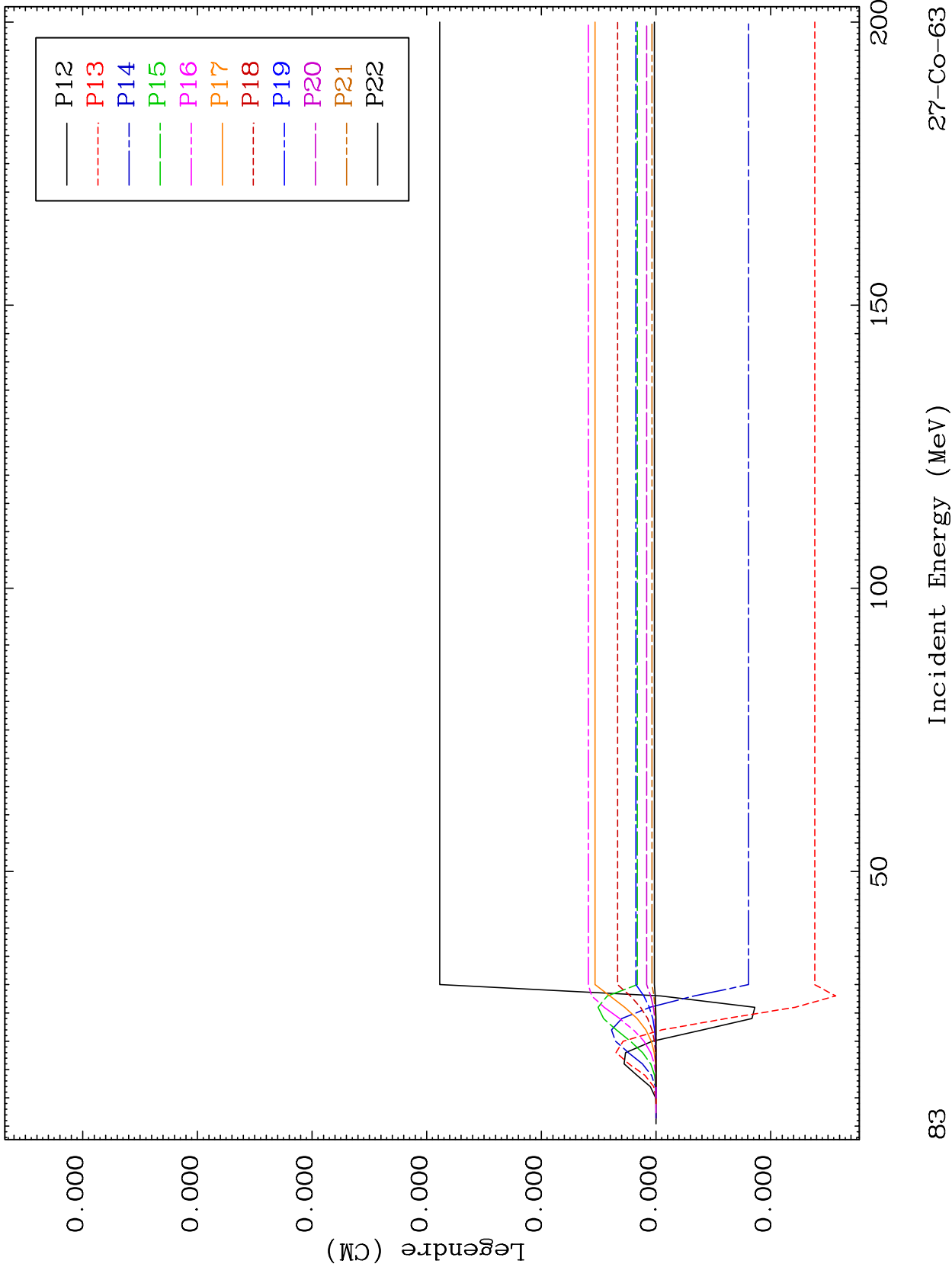
Incident Energy (MeV)

27-Co-63

MAT 2737

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

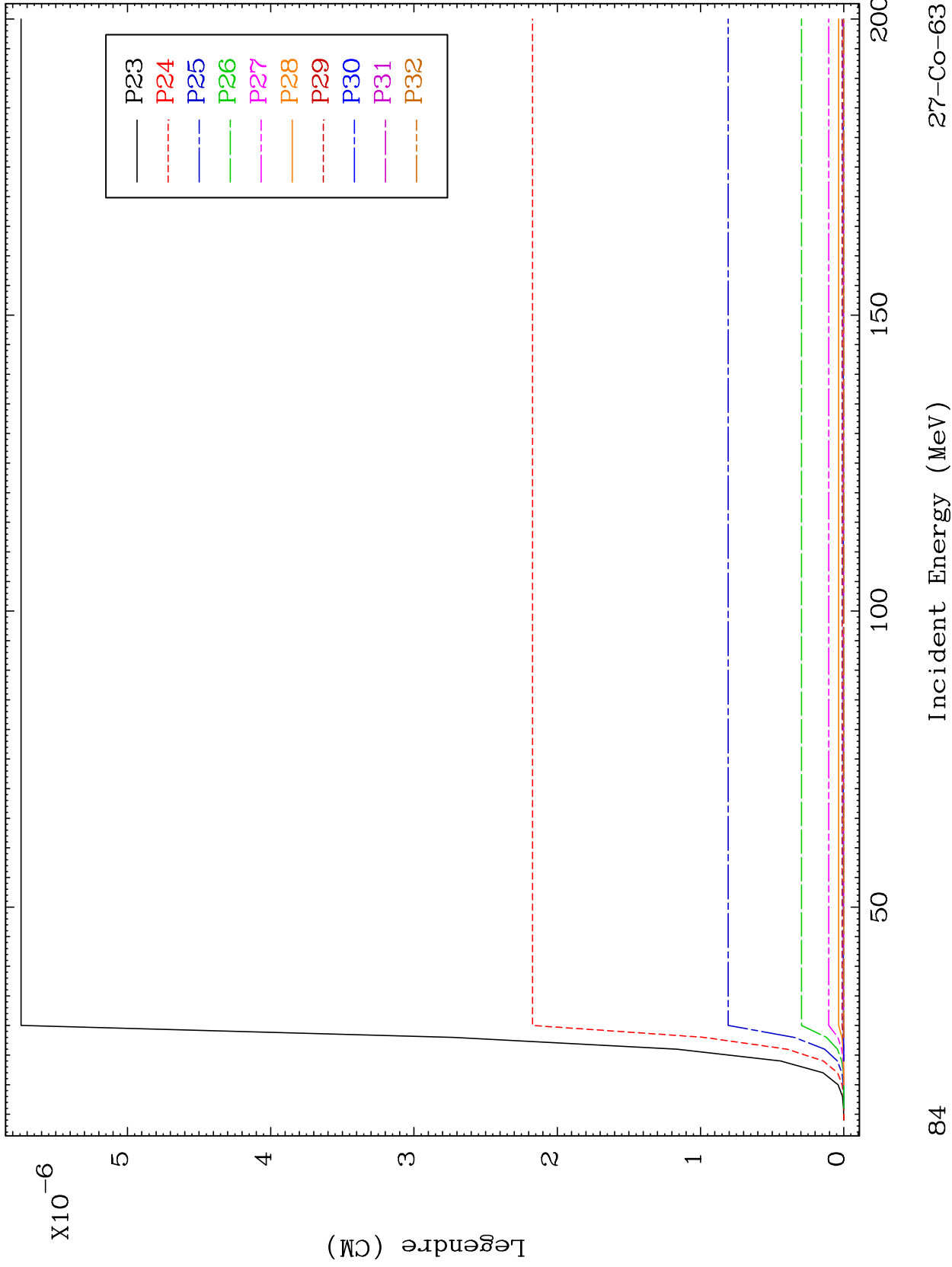
27-Co-63



MAT 2737

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

27-Co-63



84

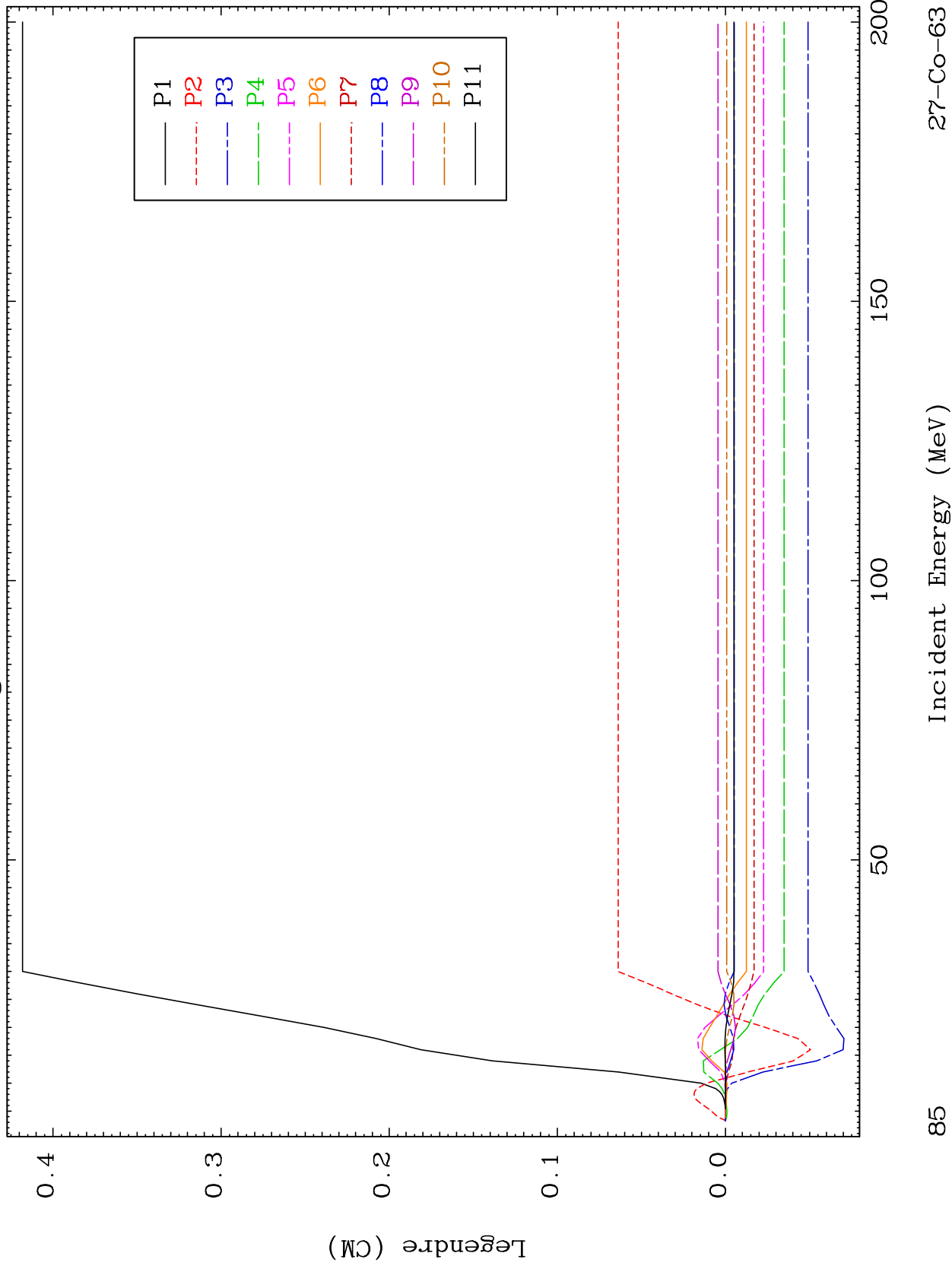
Incident Energy (MeV)

27-Co-63

MAT 2737

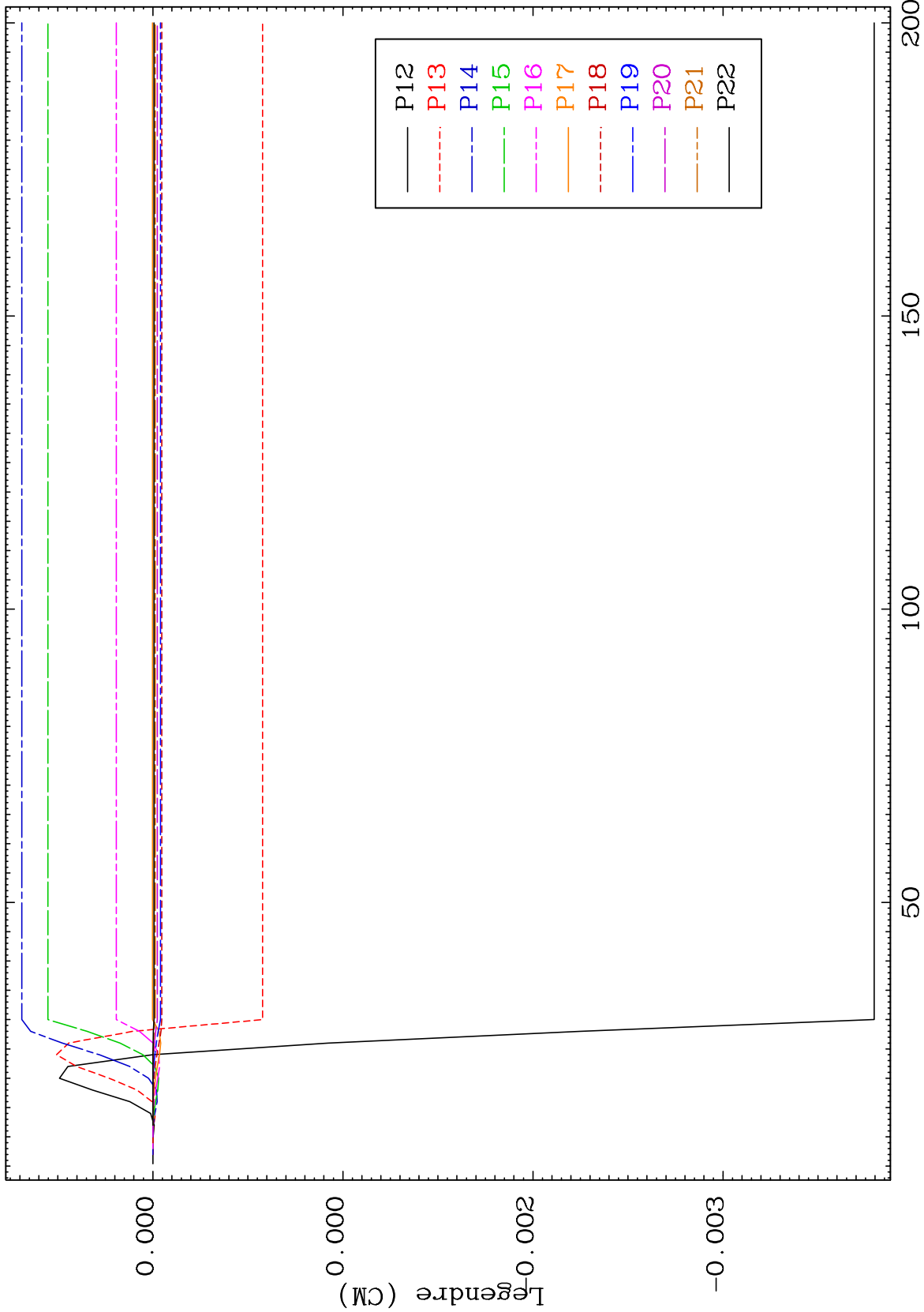
MT= 73 (n,n') Level  
Legendre Coefficients

27-Co-63



85

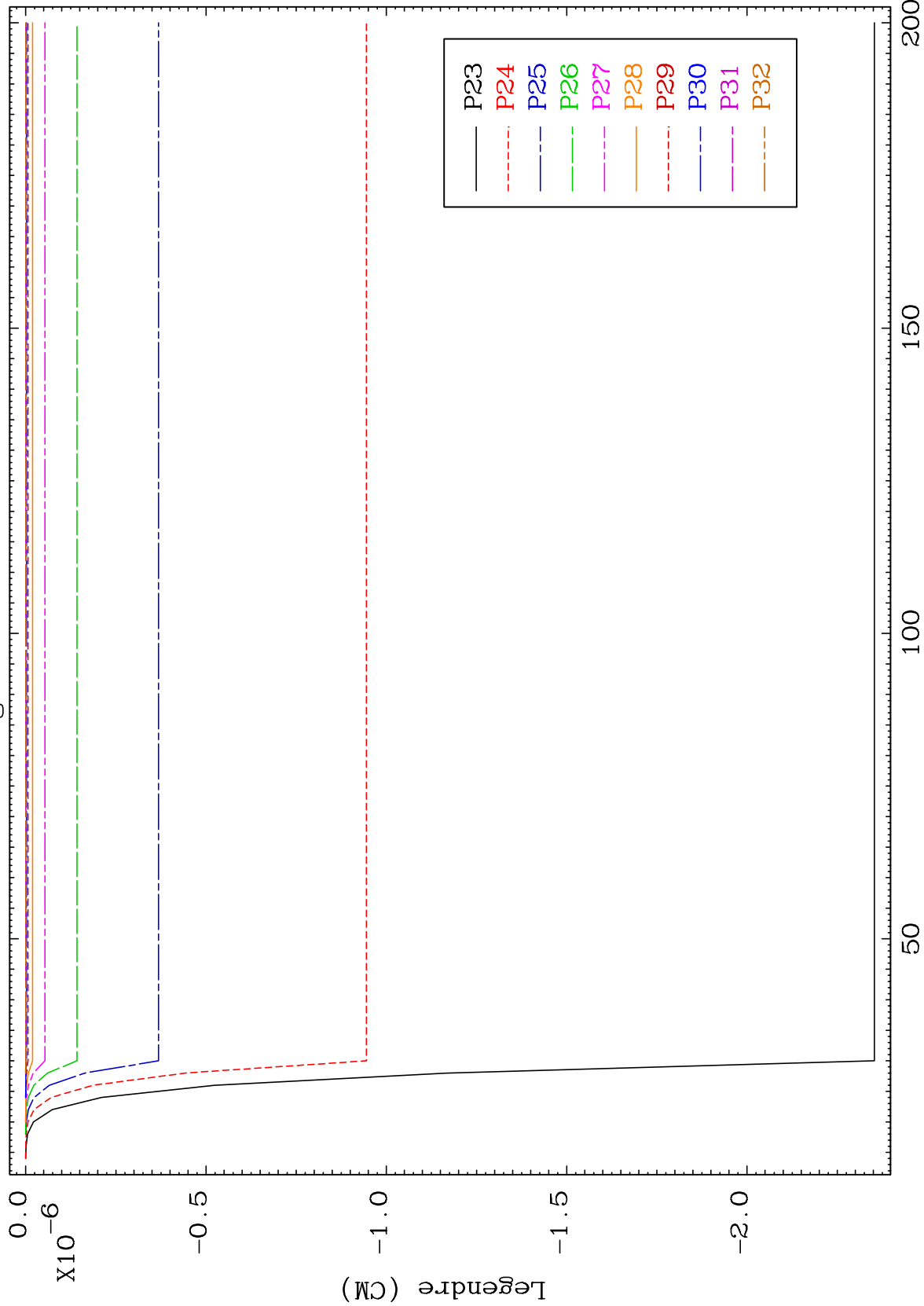
27-Co-63



MAT 2737

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

27-Co-63

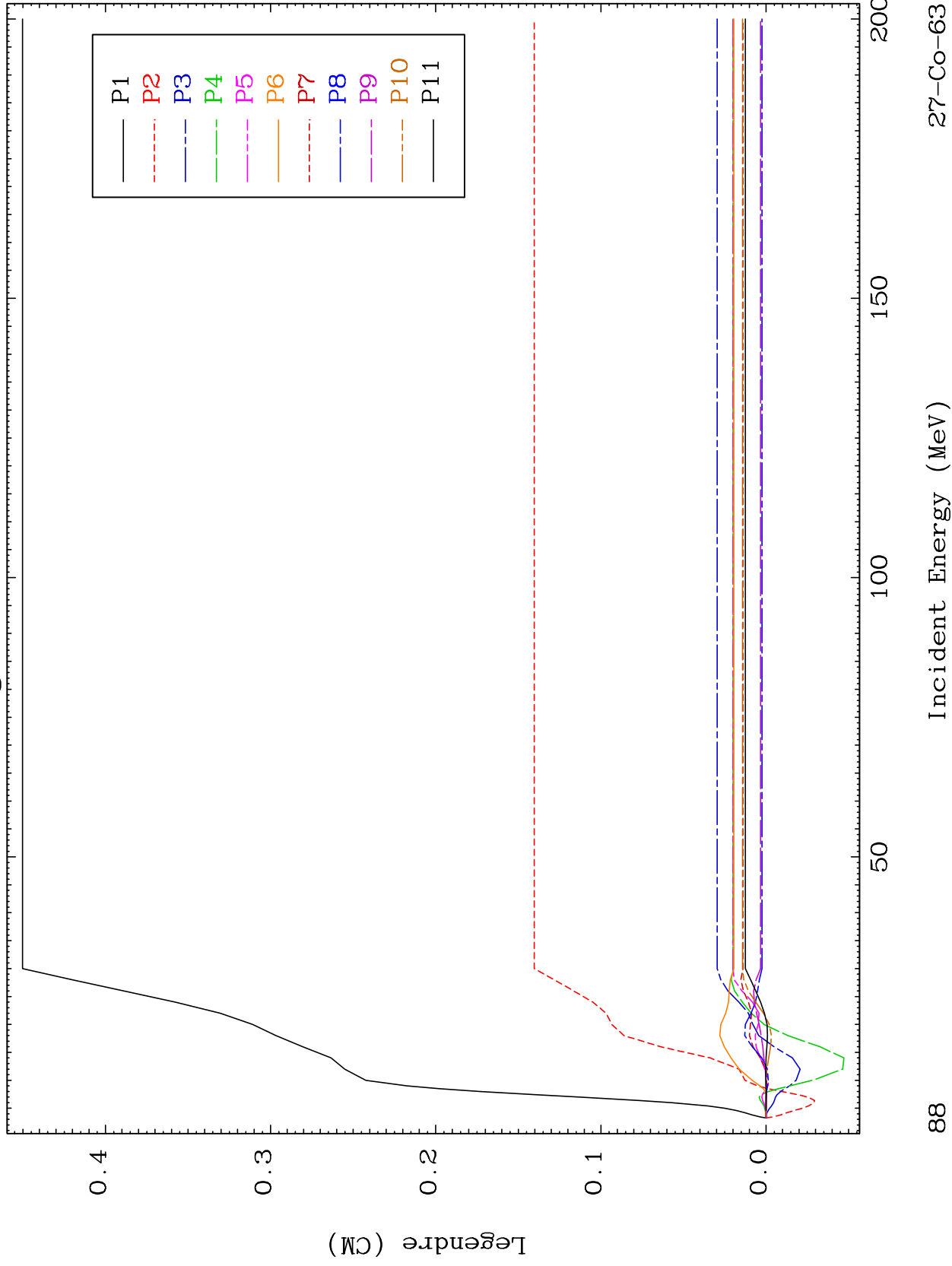


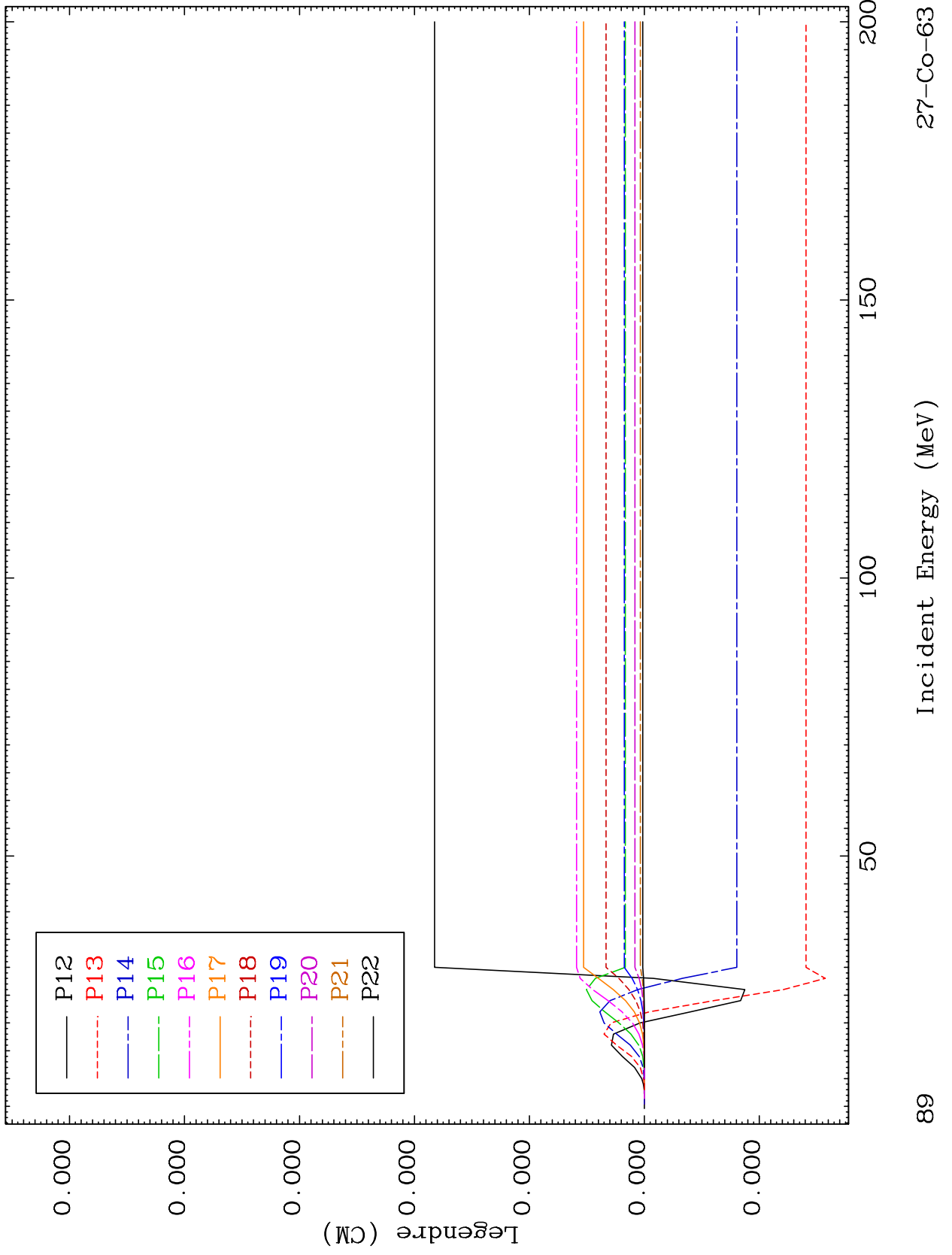
87

Incident Energy (MeV)

27-Co-63



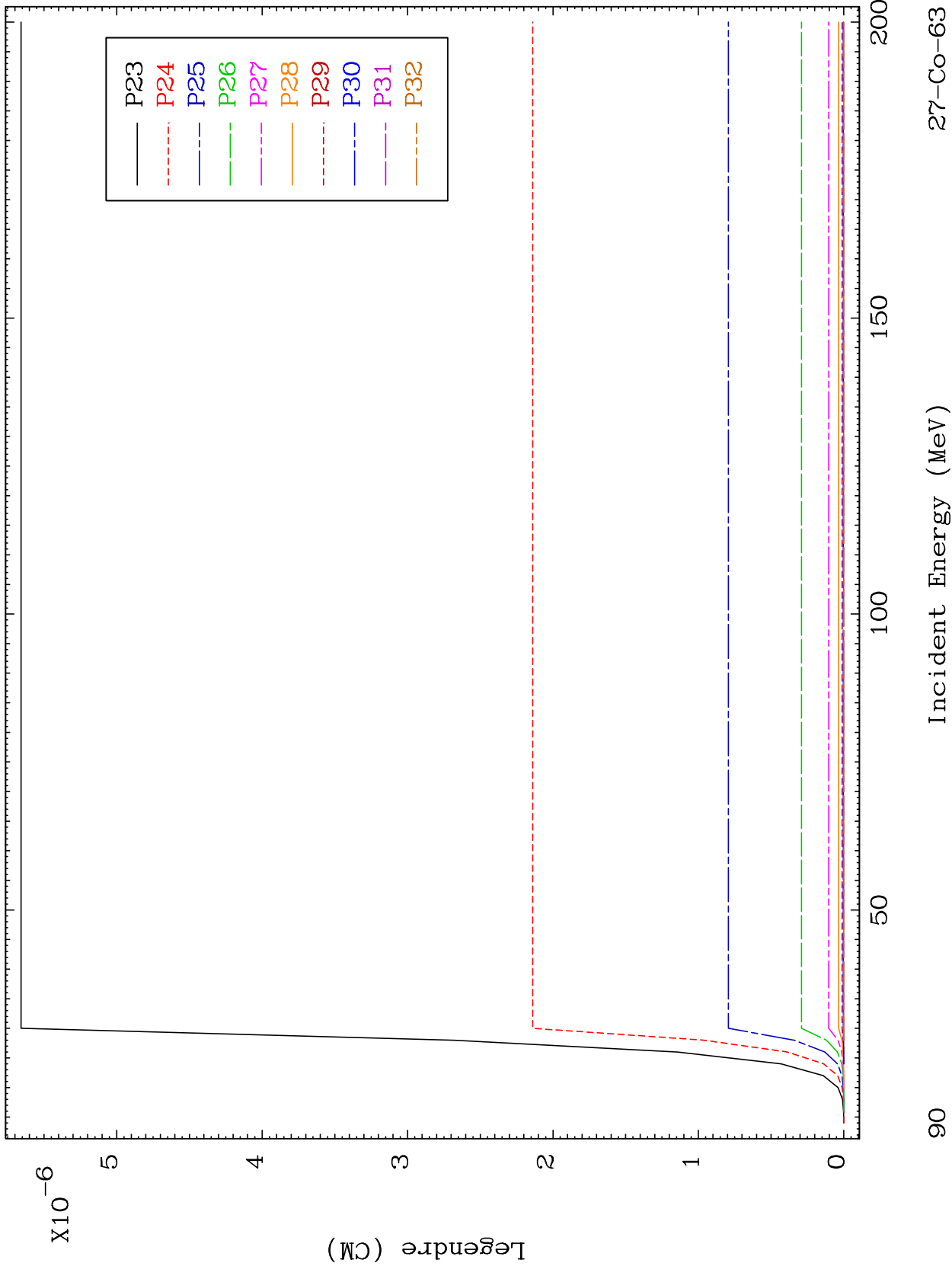




MAT 2737

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

27-Co-63



90

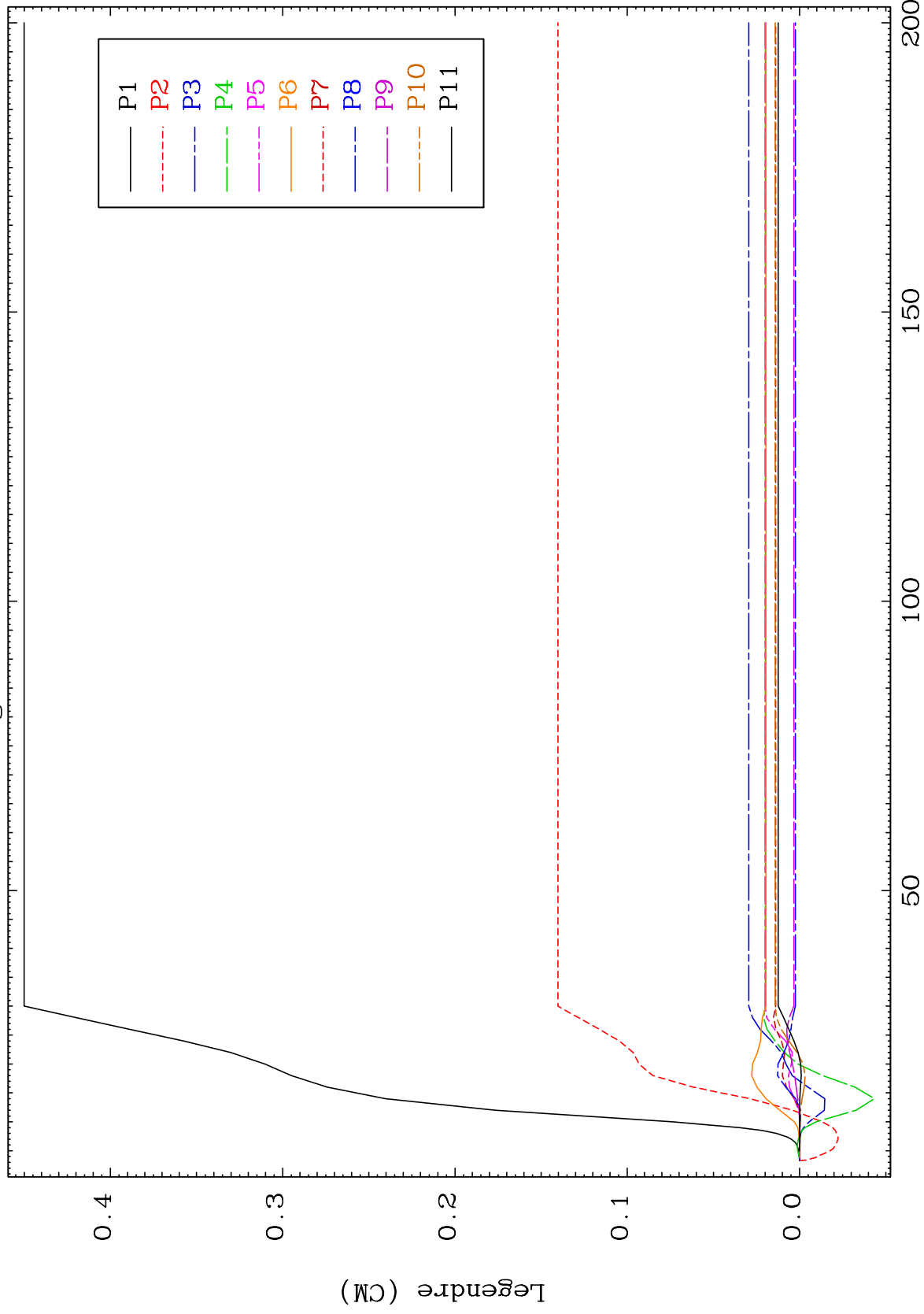
Incident Energy (MeV)

27-Co-63

MAT 2737

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

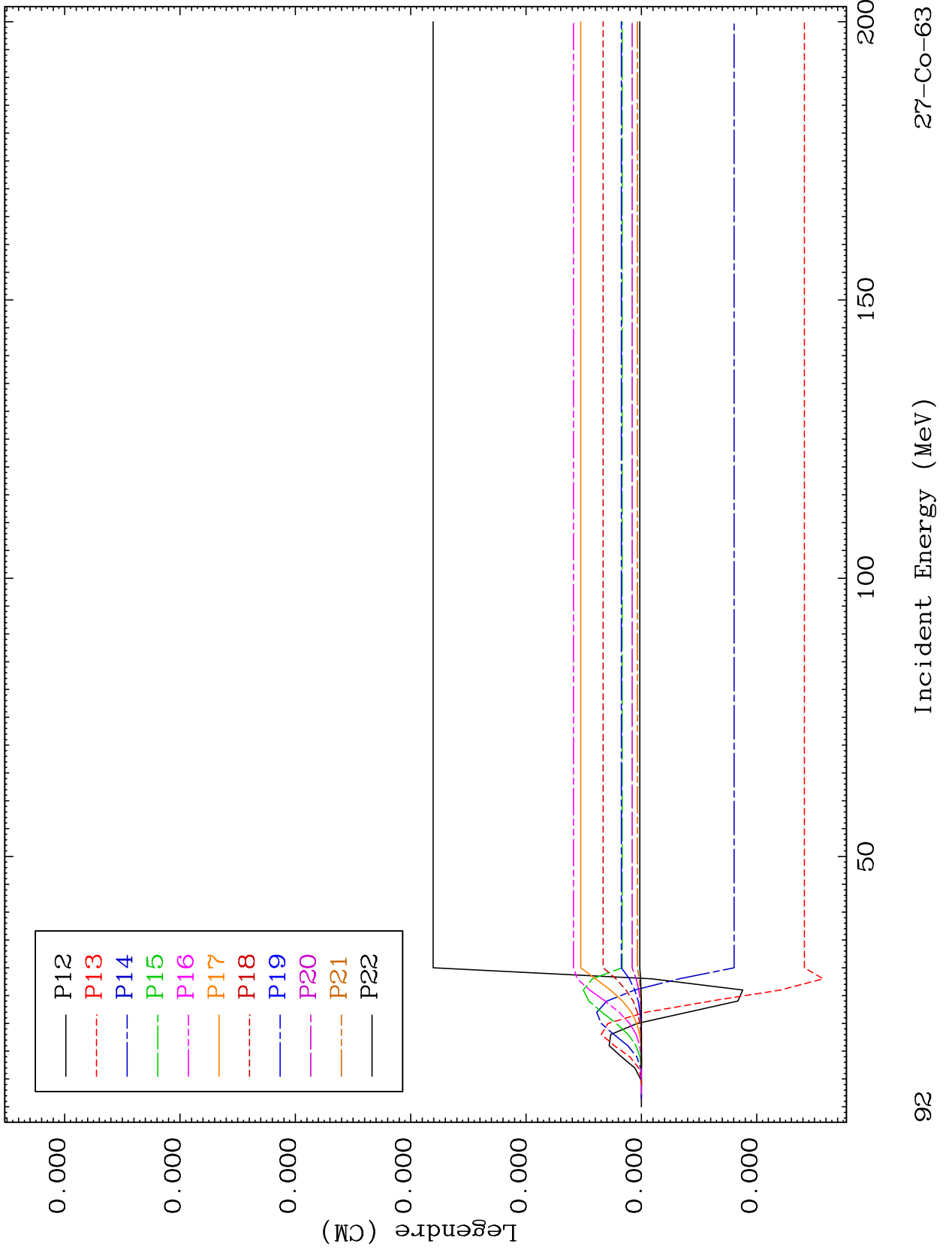
27-Co-63



91

Incident Energy (MeV)

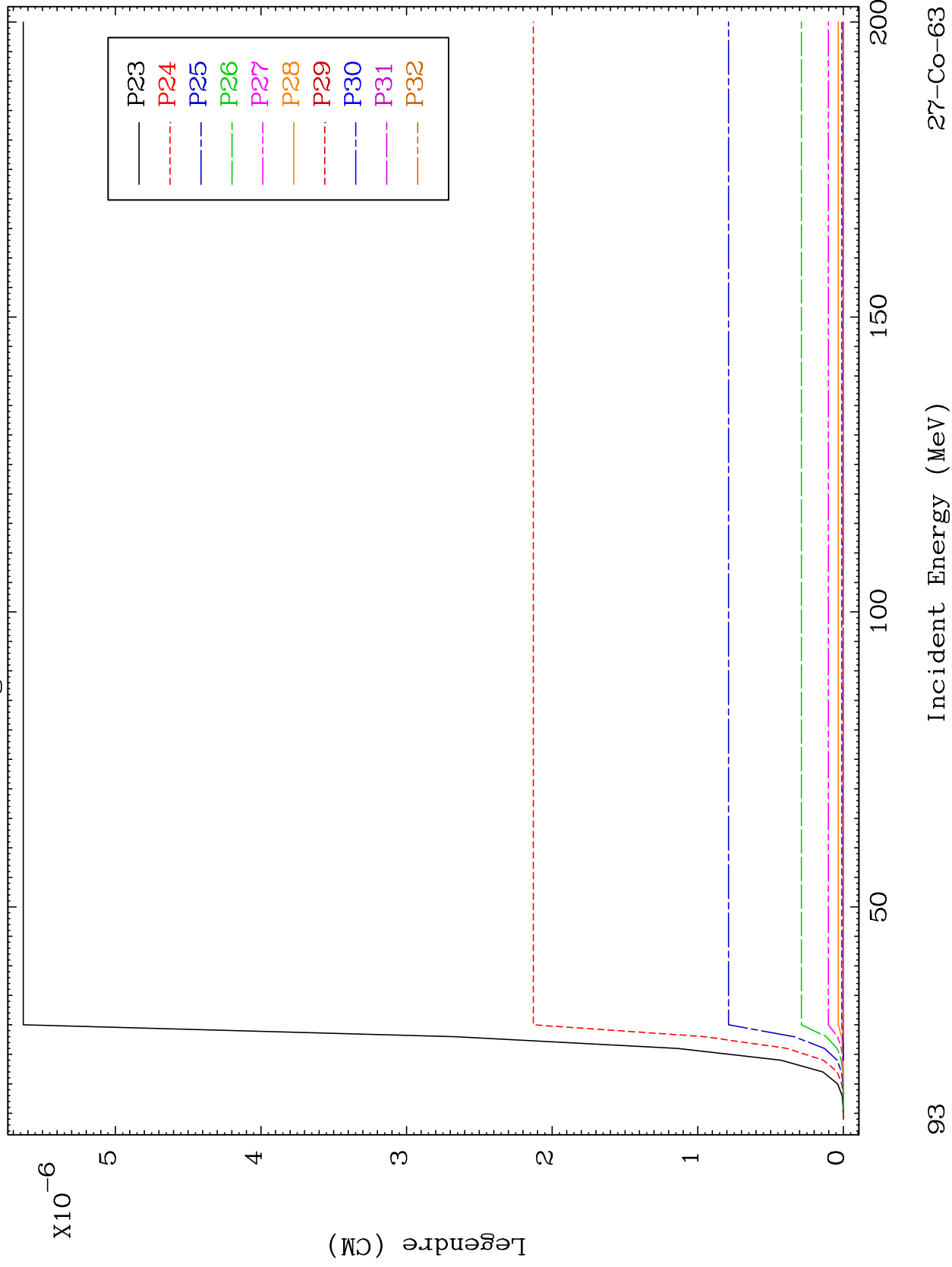
27-Co-63



MAT 2737

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

27-Co-63



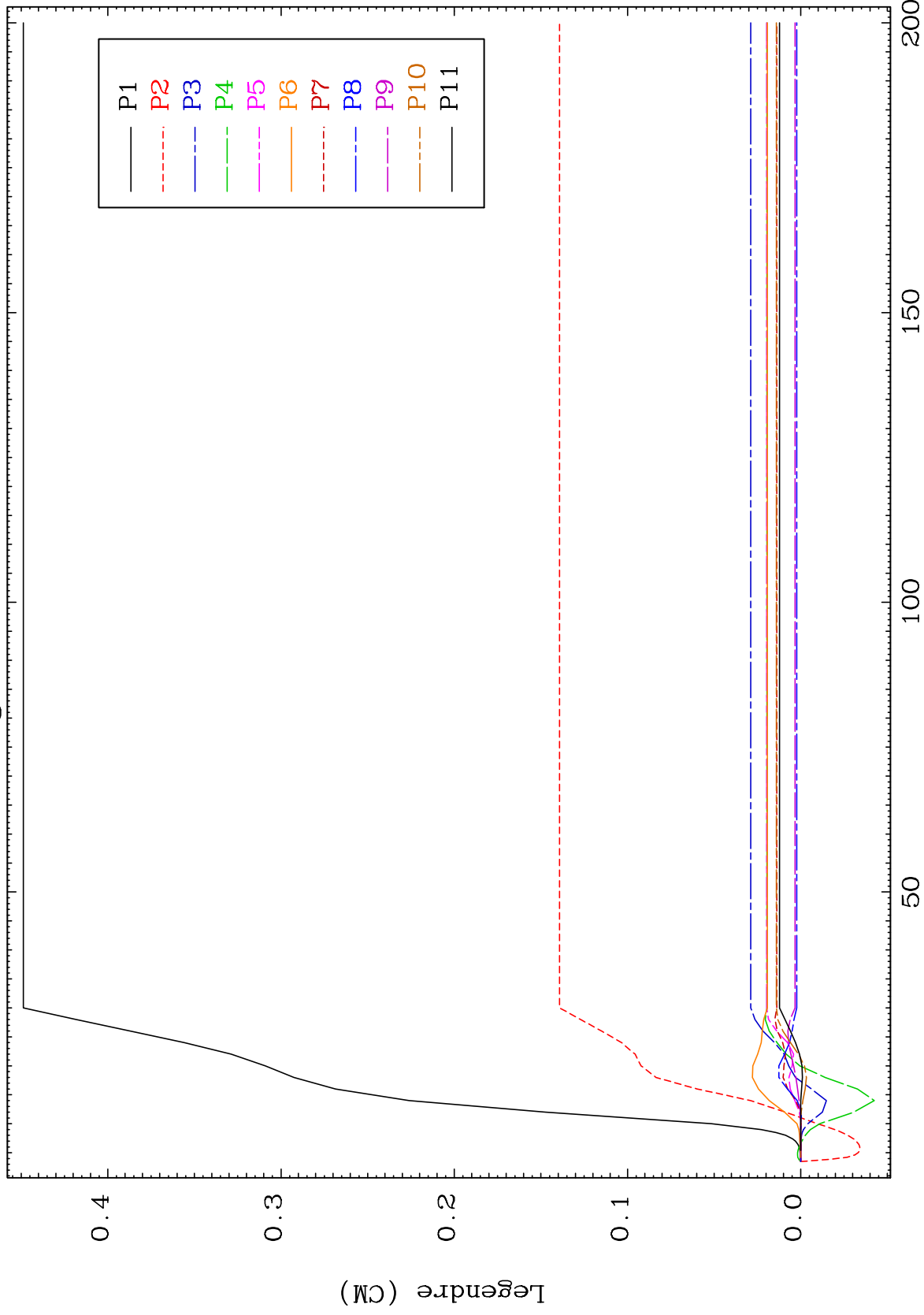
93

27-Co-63

MAT 2737

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

27-Co-63



94

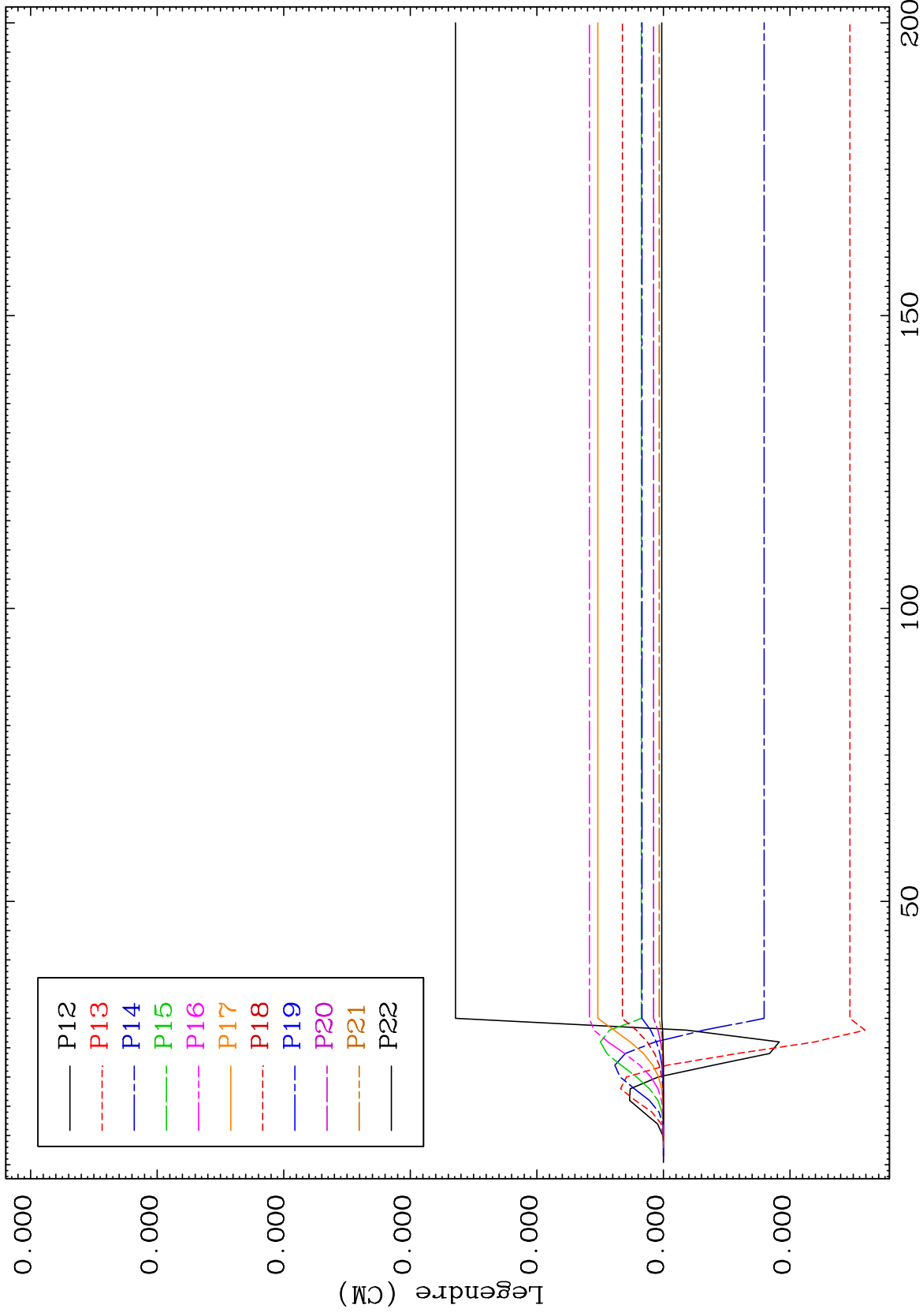
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



95

Incident Energy (MeV)

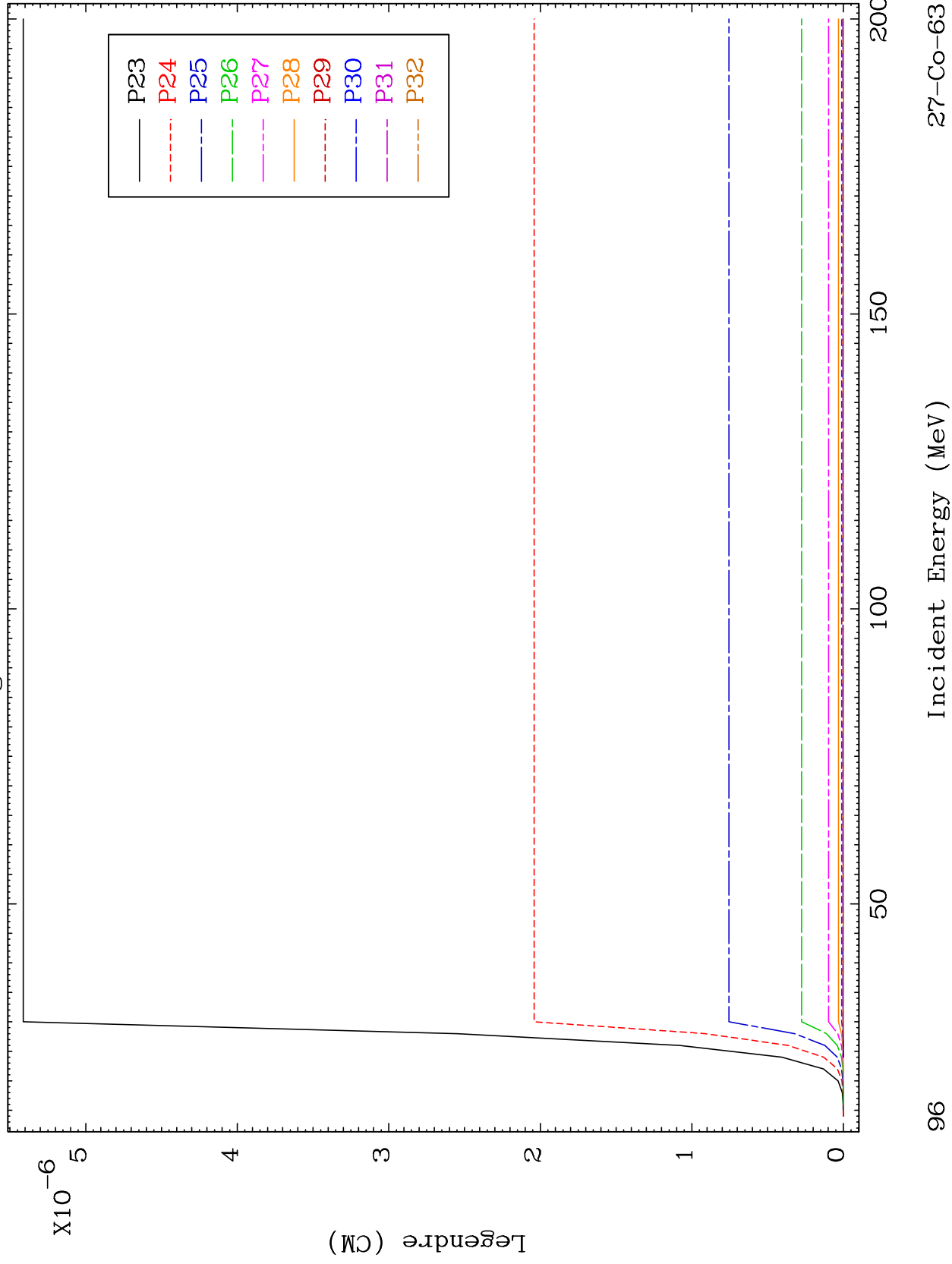
27-Co-63



MAT 2737

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

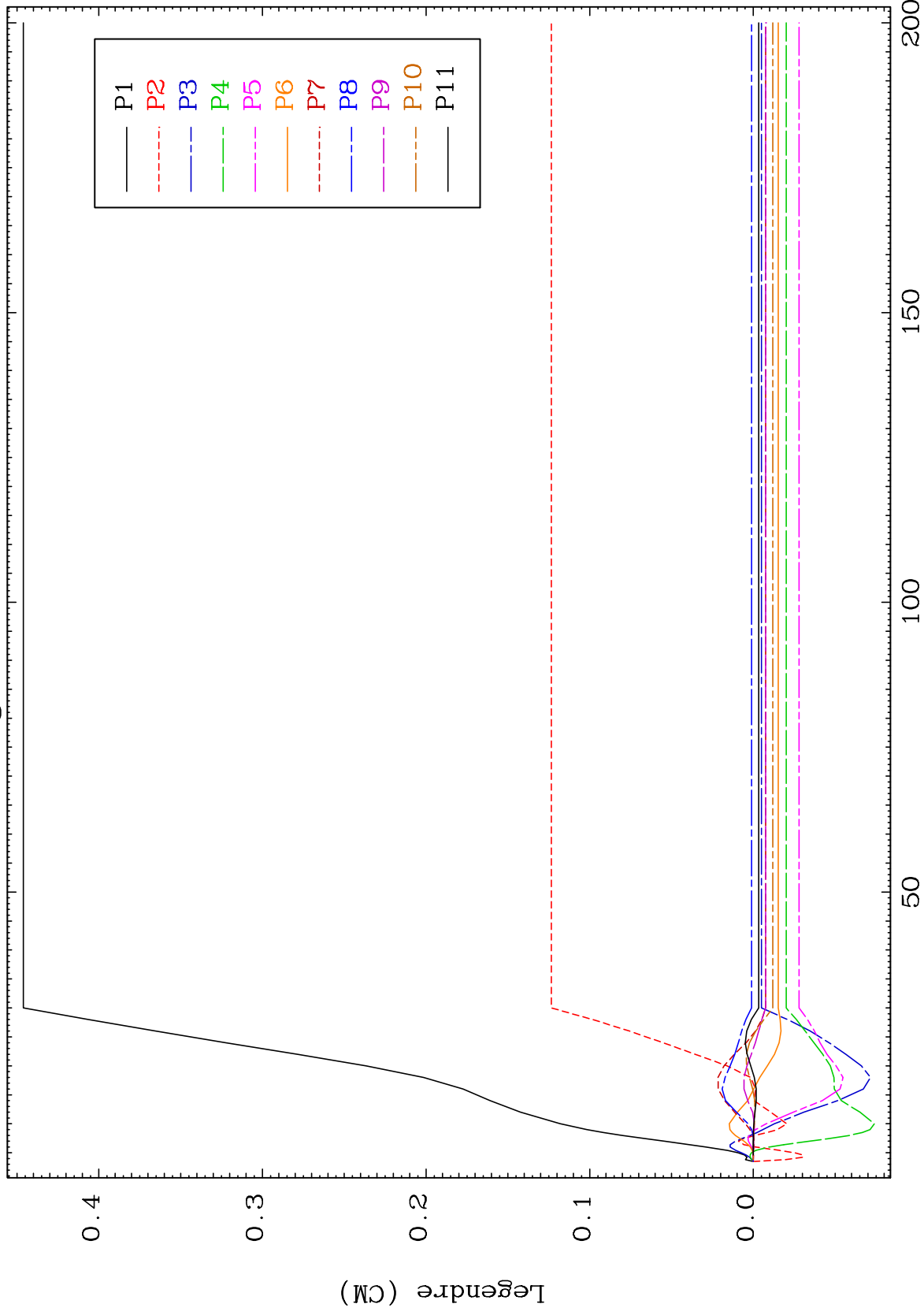
27-Co-63



MAT 2737

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

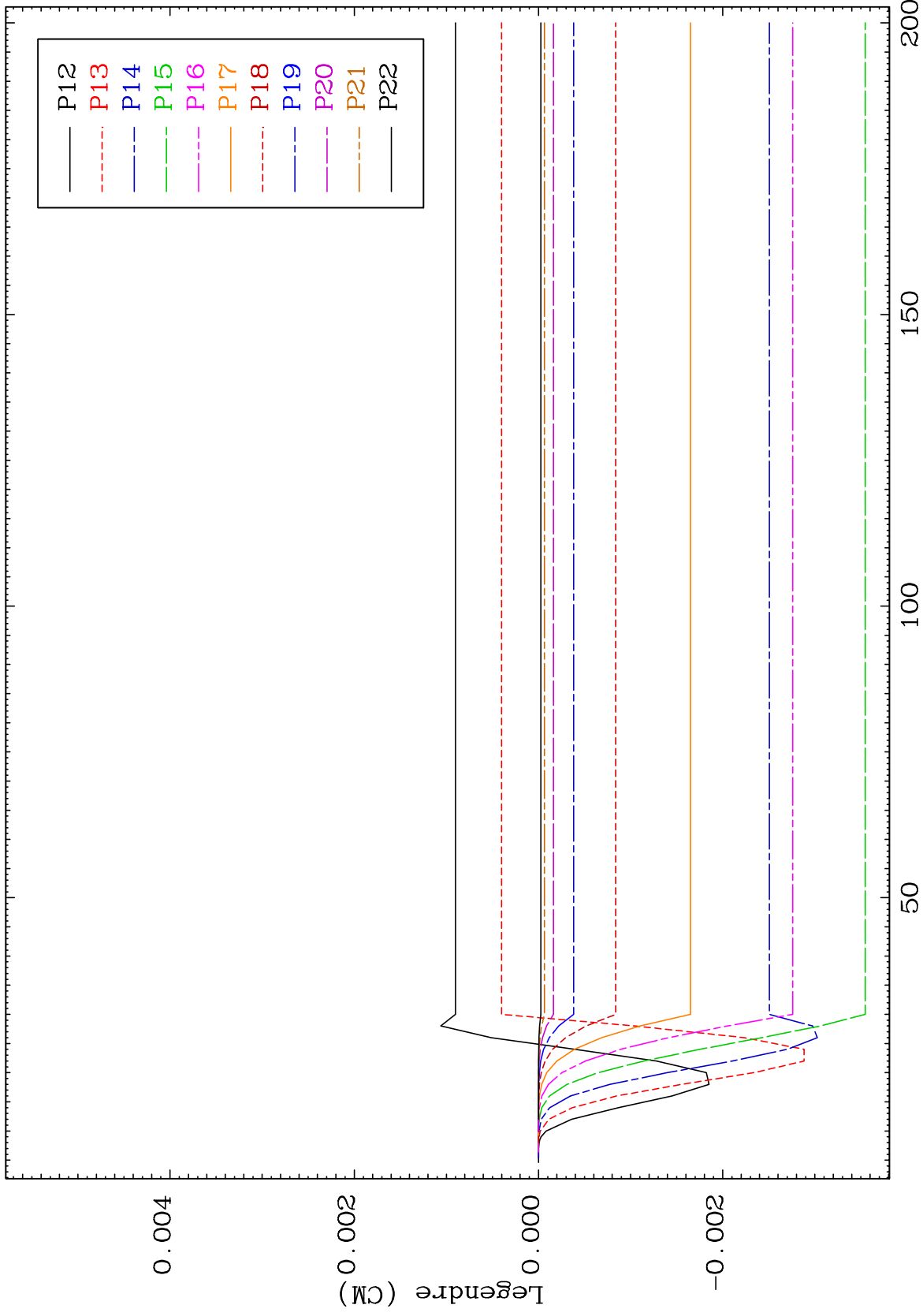
27-Co-63

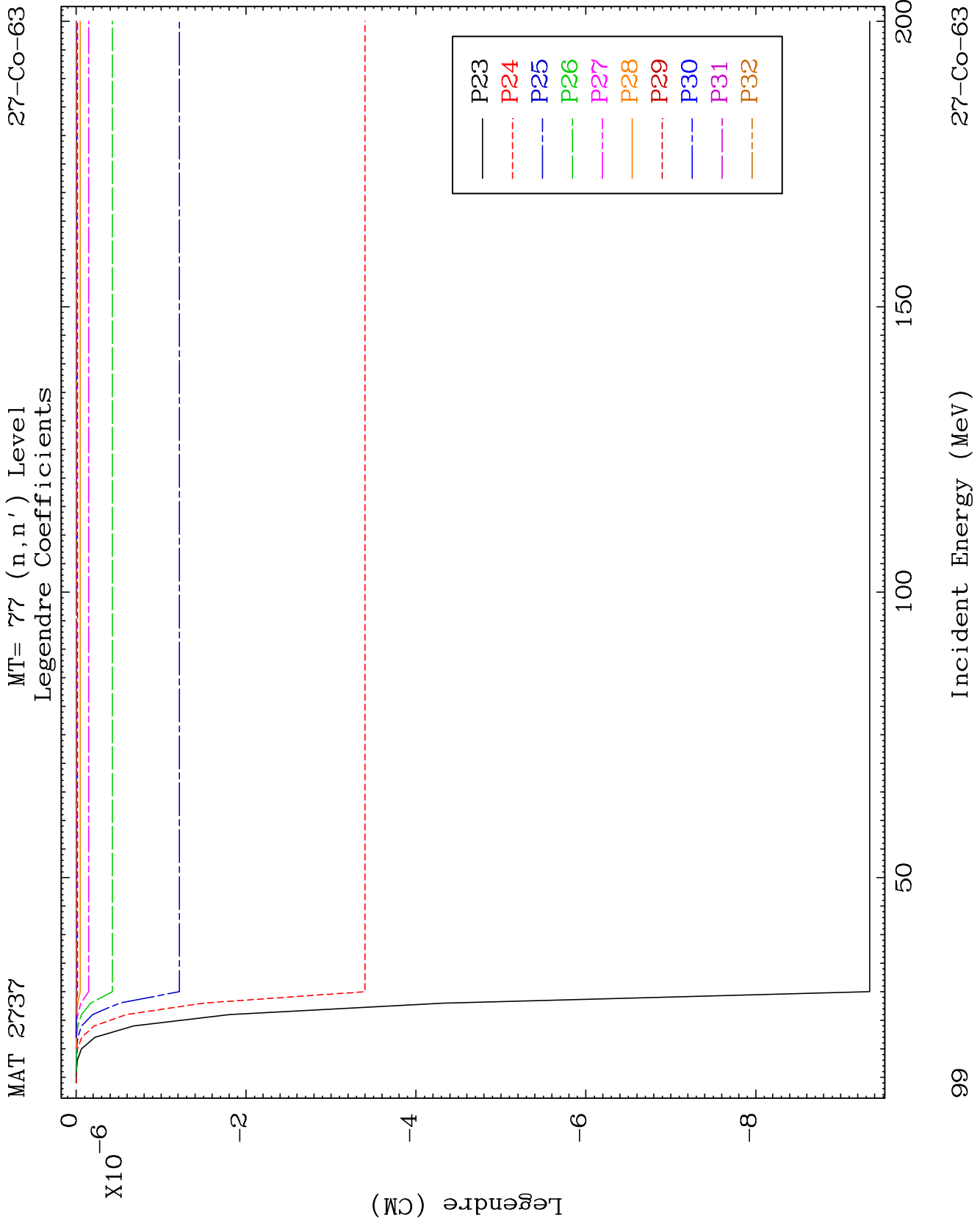


97

Incident Energy (MeV)

27-Co-63

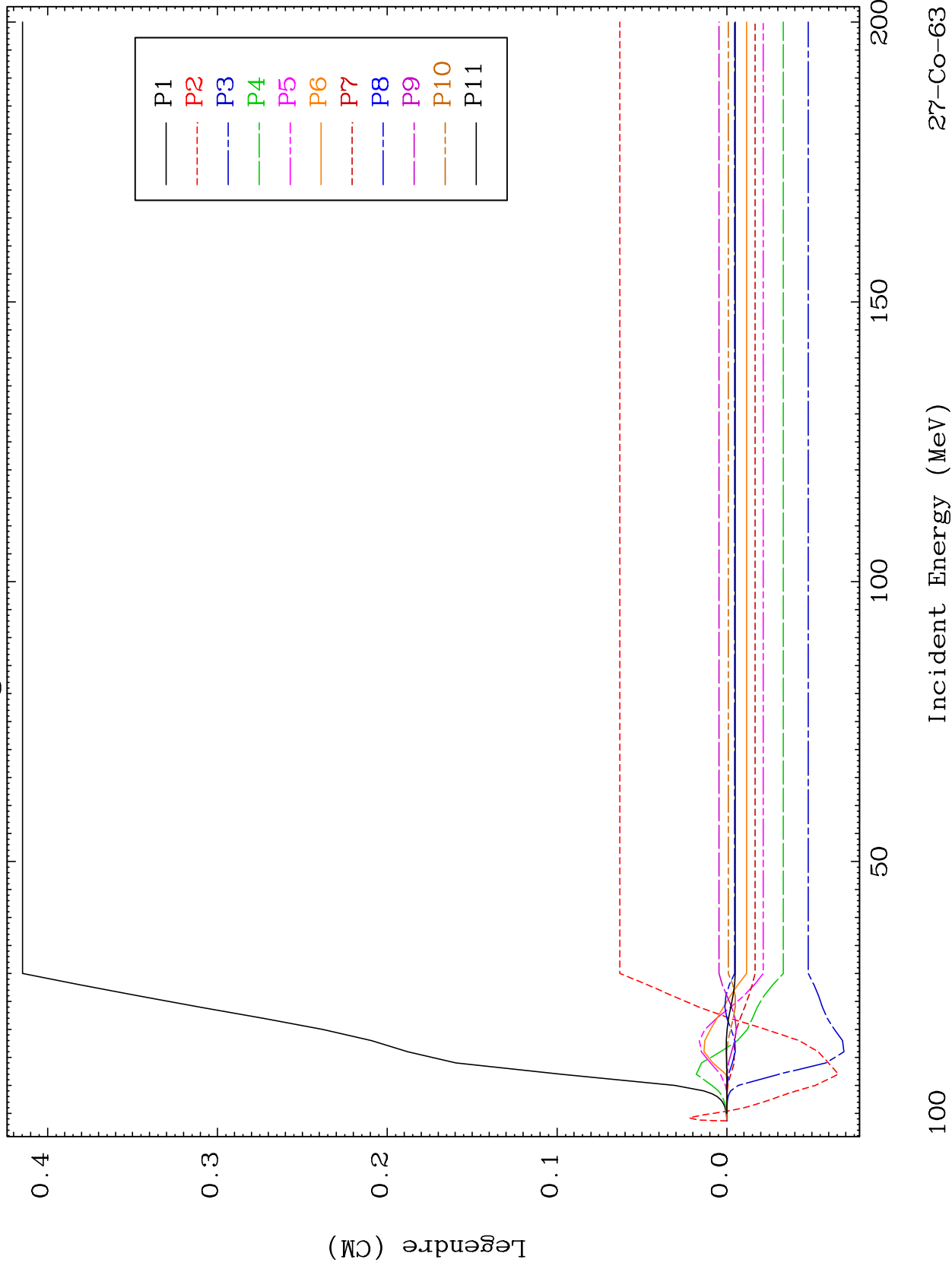




MAT 2737

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

27-Co-63



27-Co-63

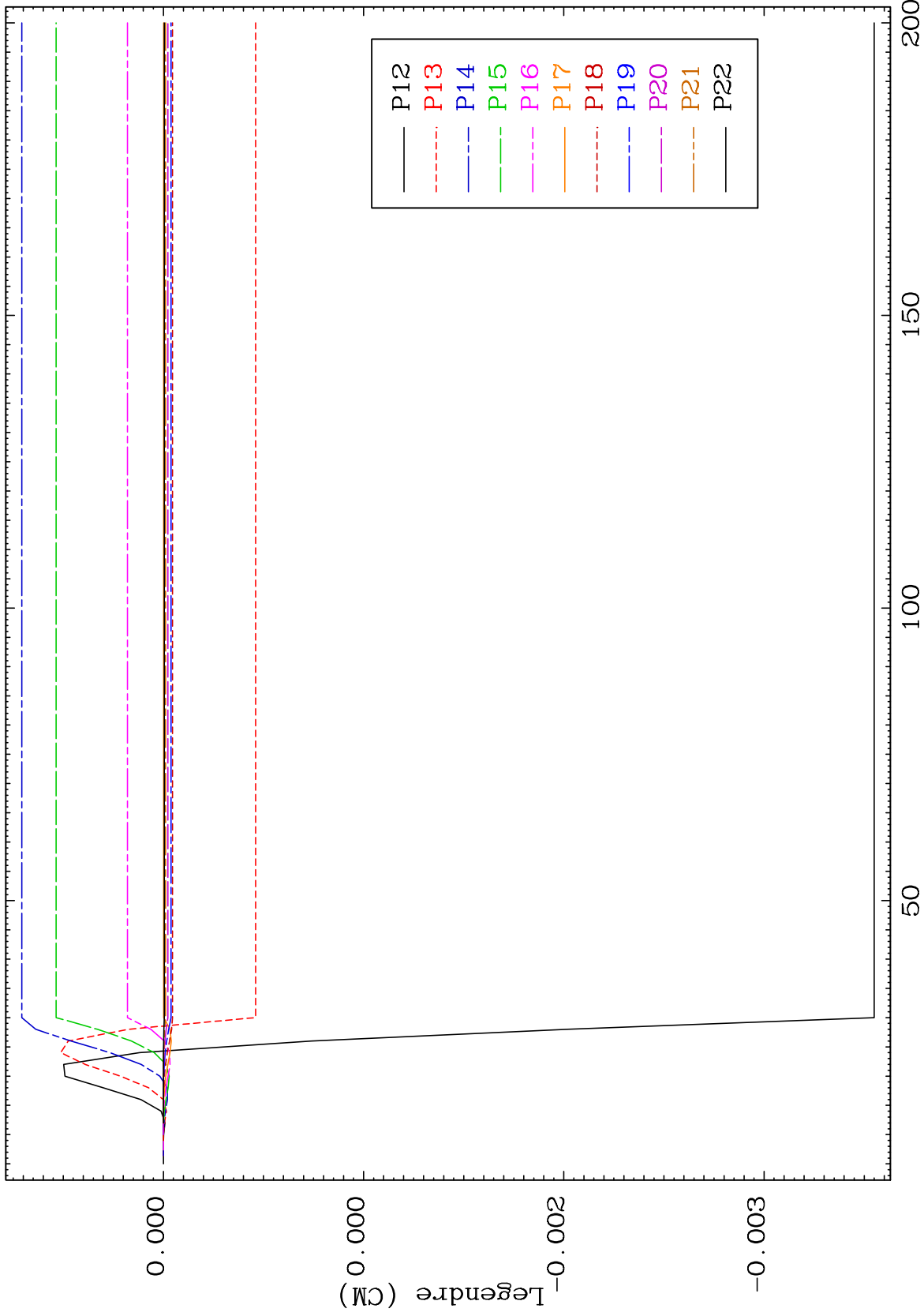
Incident Energy (MeV)

100

MAT 2737

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

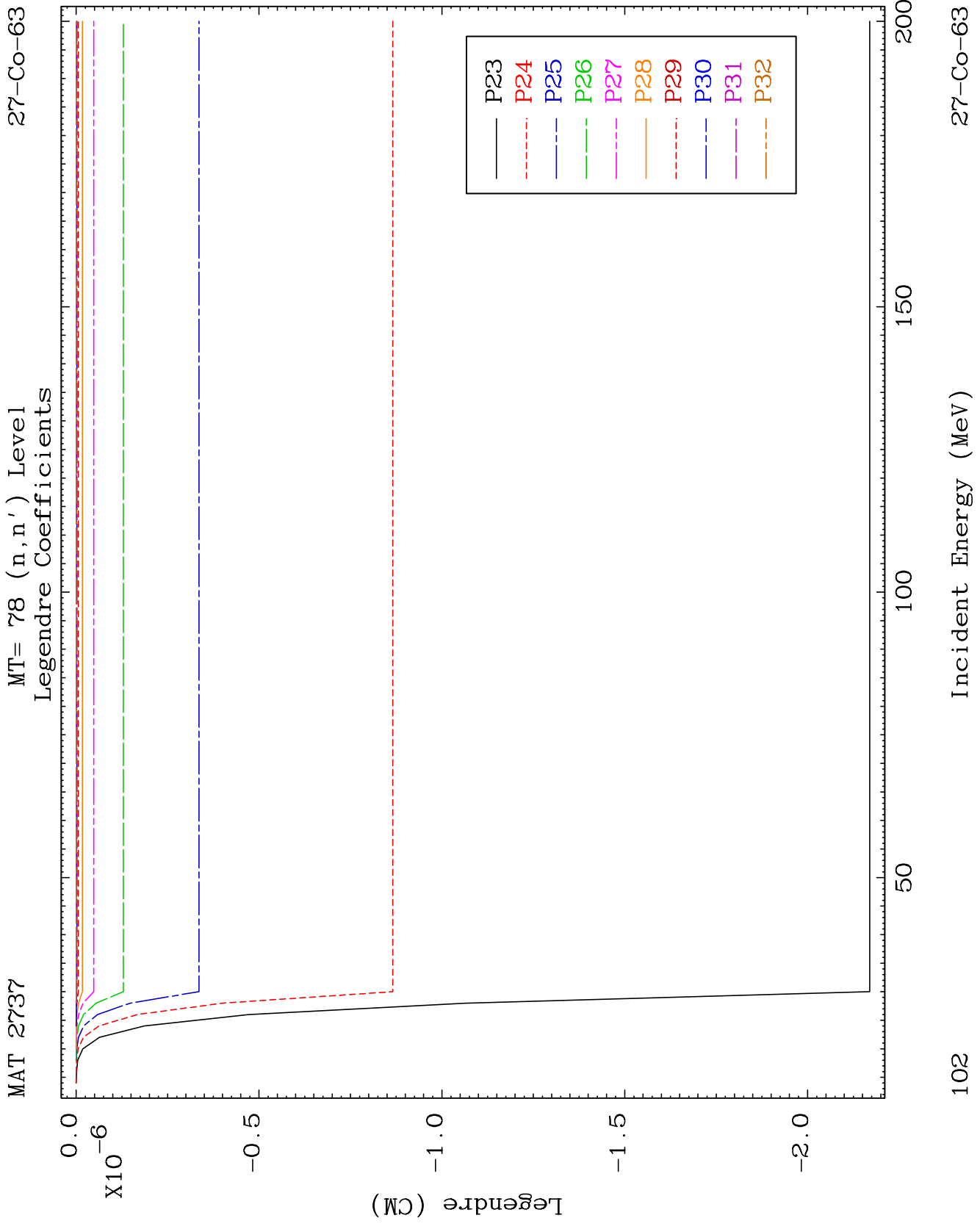
27-Co-63



101

Incident Energy (MeV)

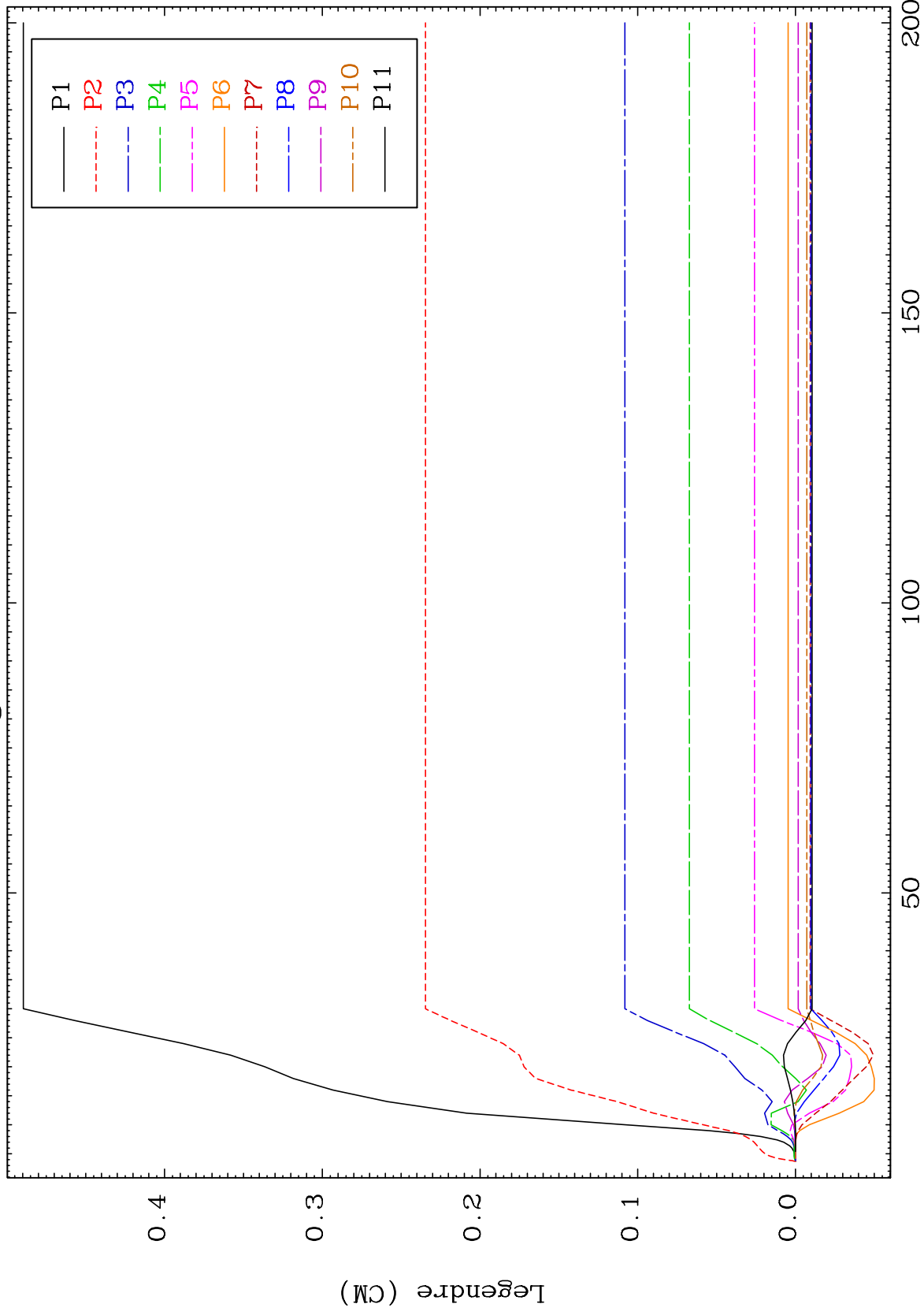
27-Co-63



MAT 2737

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

27-Co-63

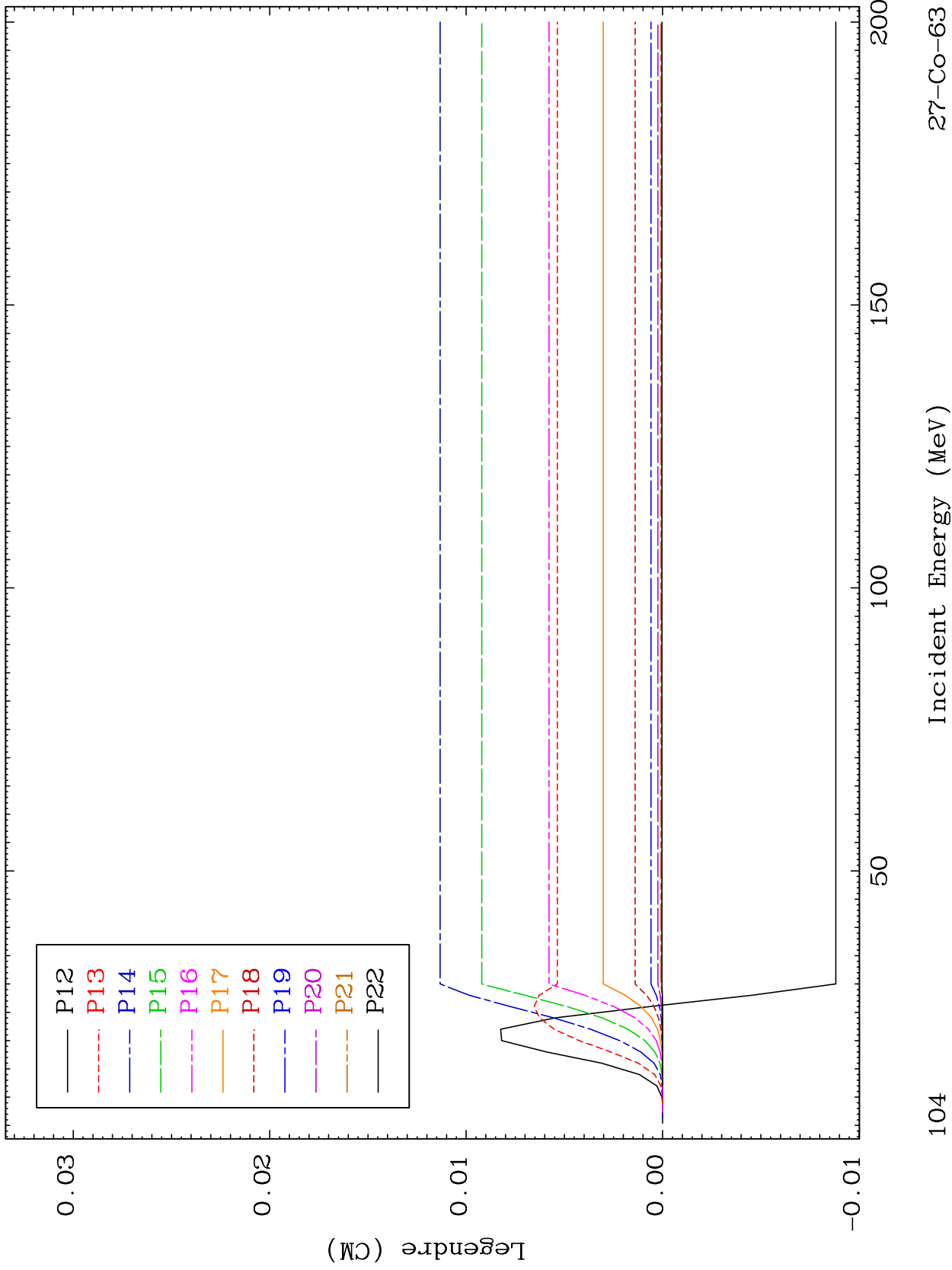


103

Incident Energy (MeV)

27-Co-63

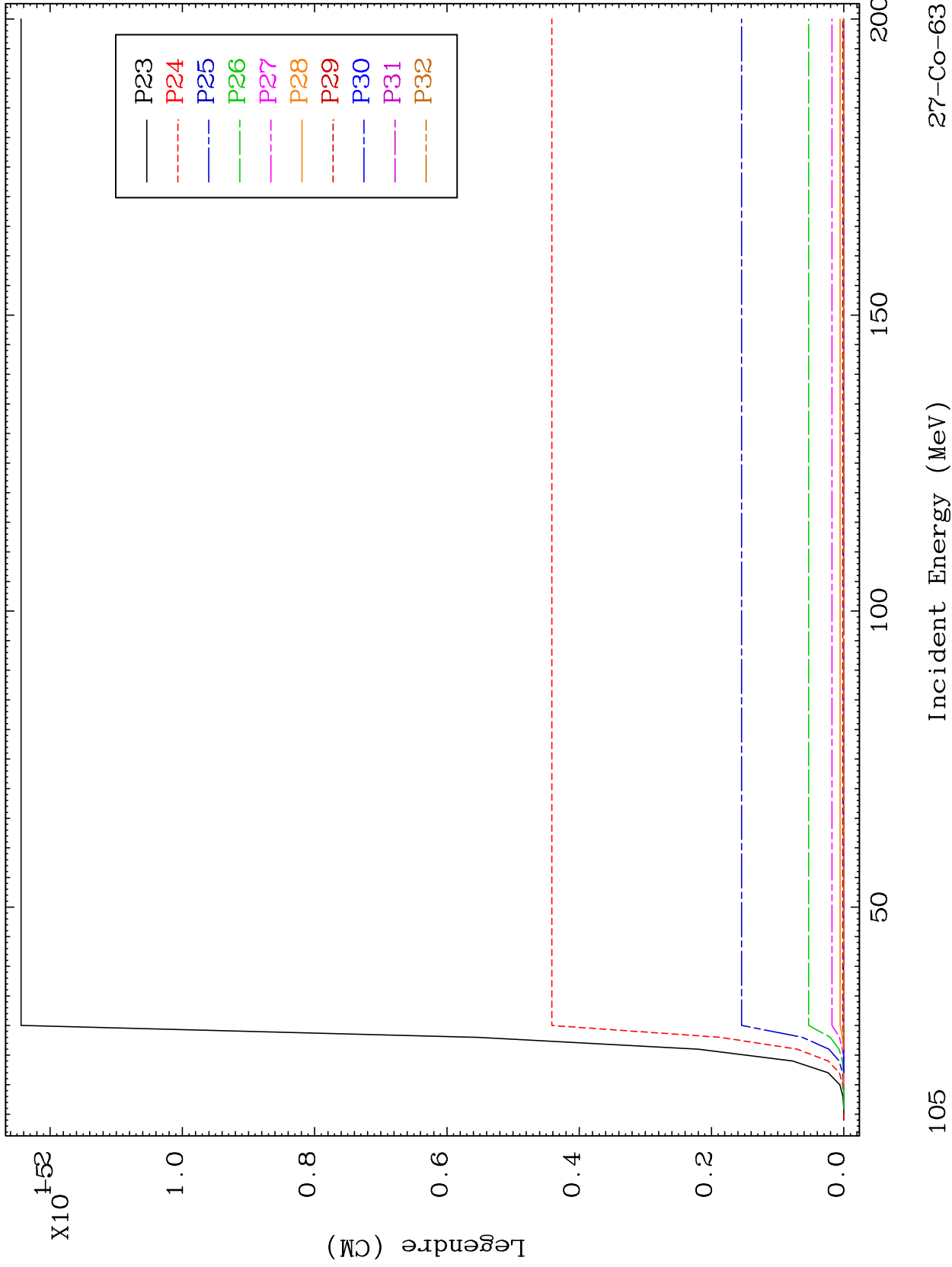




MAT 2737

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

27-Co-63



105

Incident Energy (MeV)

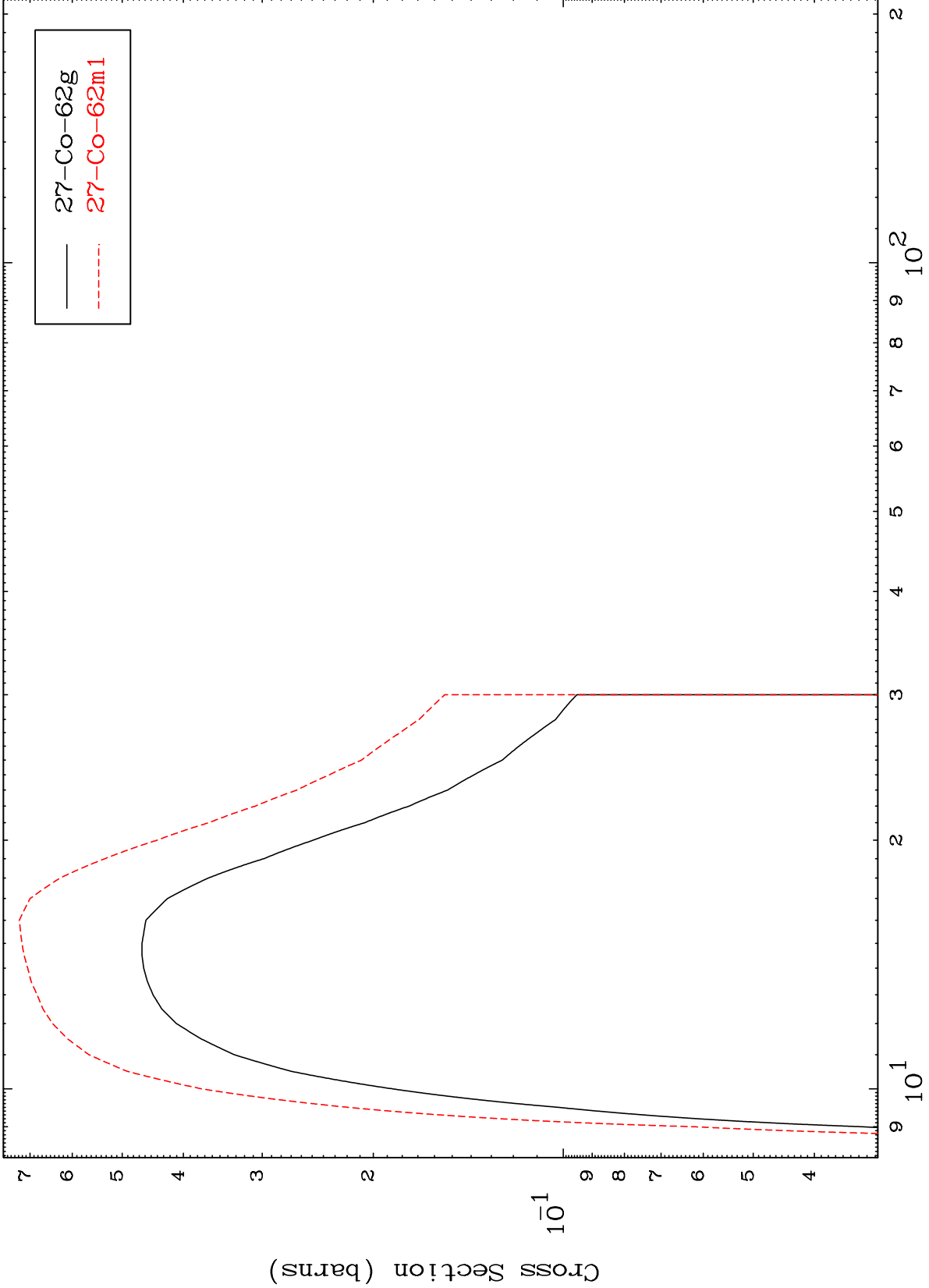
27-Co-63

MAT 2737

<sup>27</sup>Co-63

(n,2n)

Radionuclide Production Cross Section



— 27-Co-62g  
- - - 27-Co-62m1

106

Incident Energy (MeV)

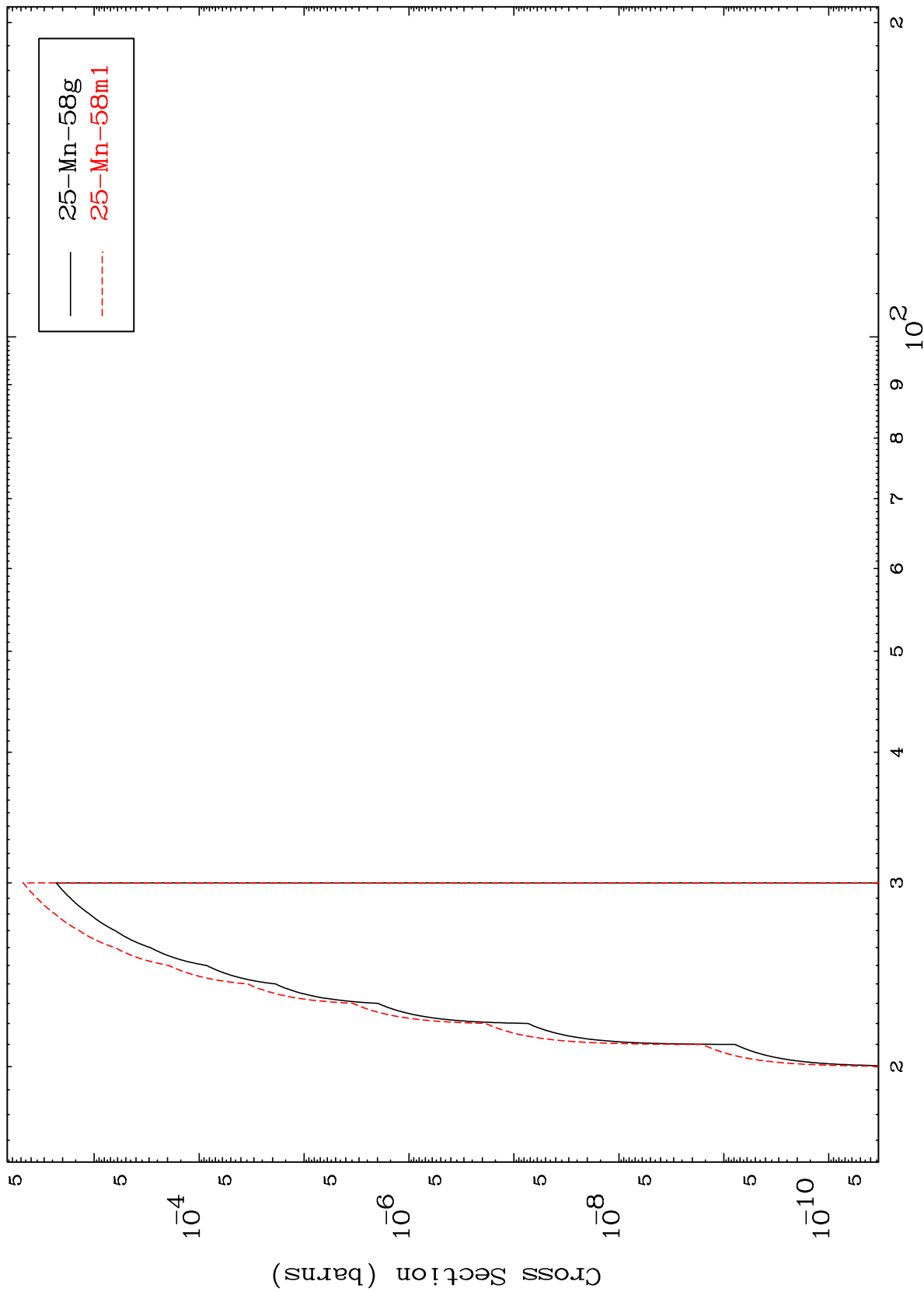
<sup>27</sup>Co-63

MAT 2737

(n,2n)  $\alpha$

27-Co-63

Radionuclide Production Cross Section



107

Incident Energy (MeV)

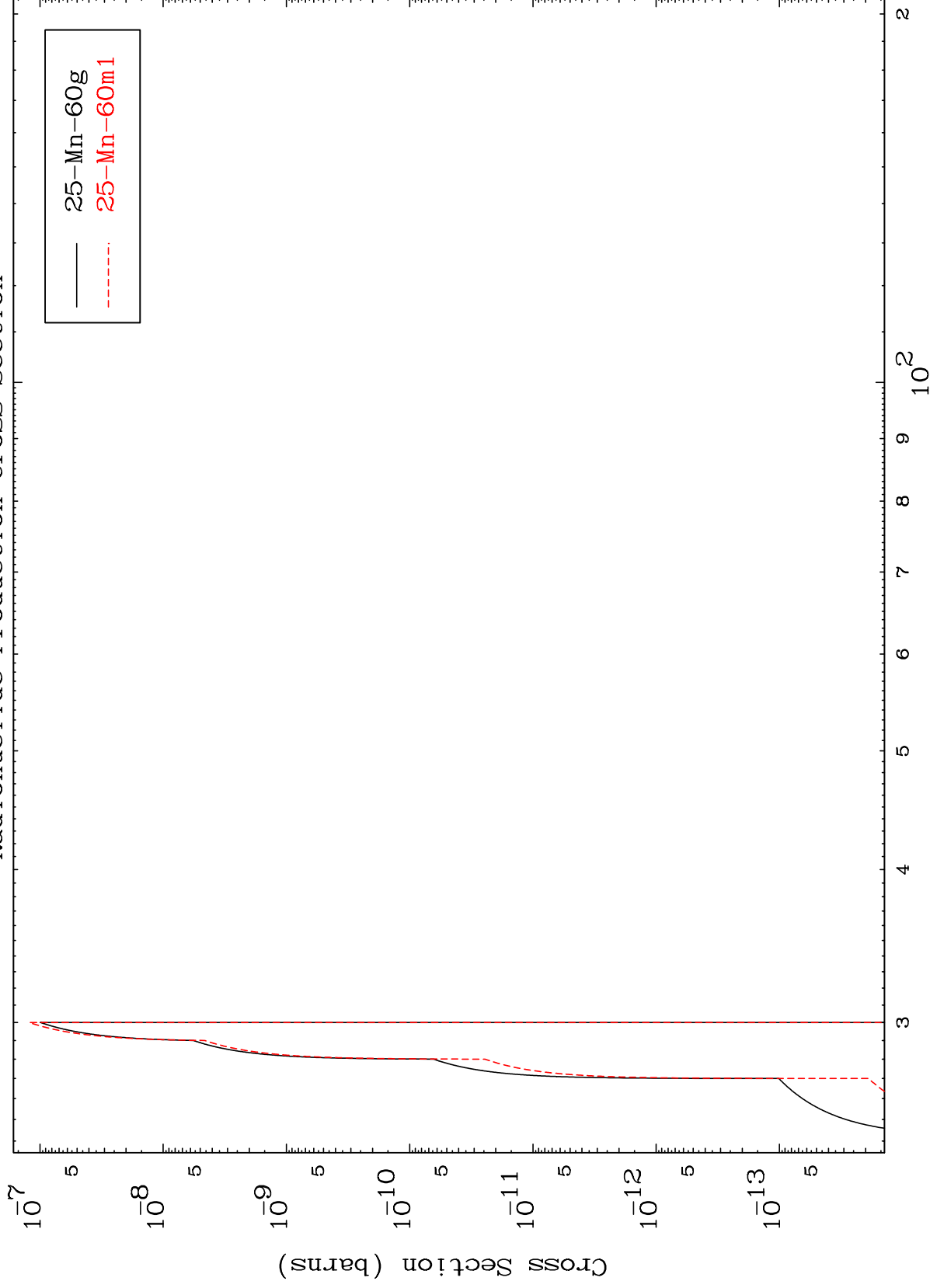
27-Co-63

MAT 2737

(n,n') He-3

27-Co-63

Radionuclide Production Cross Section

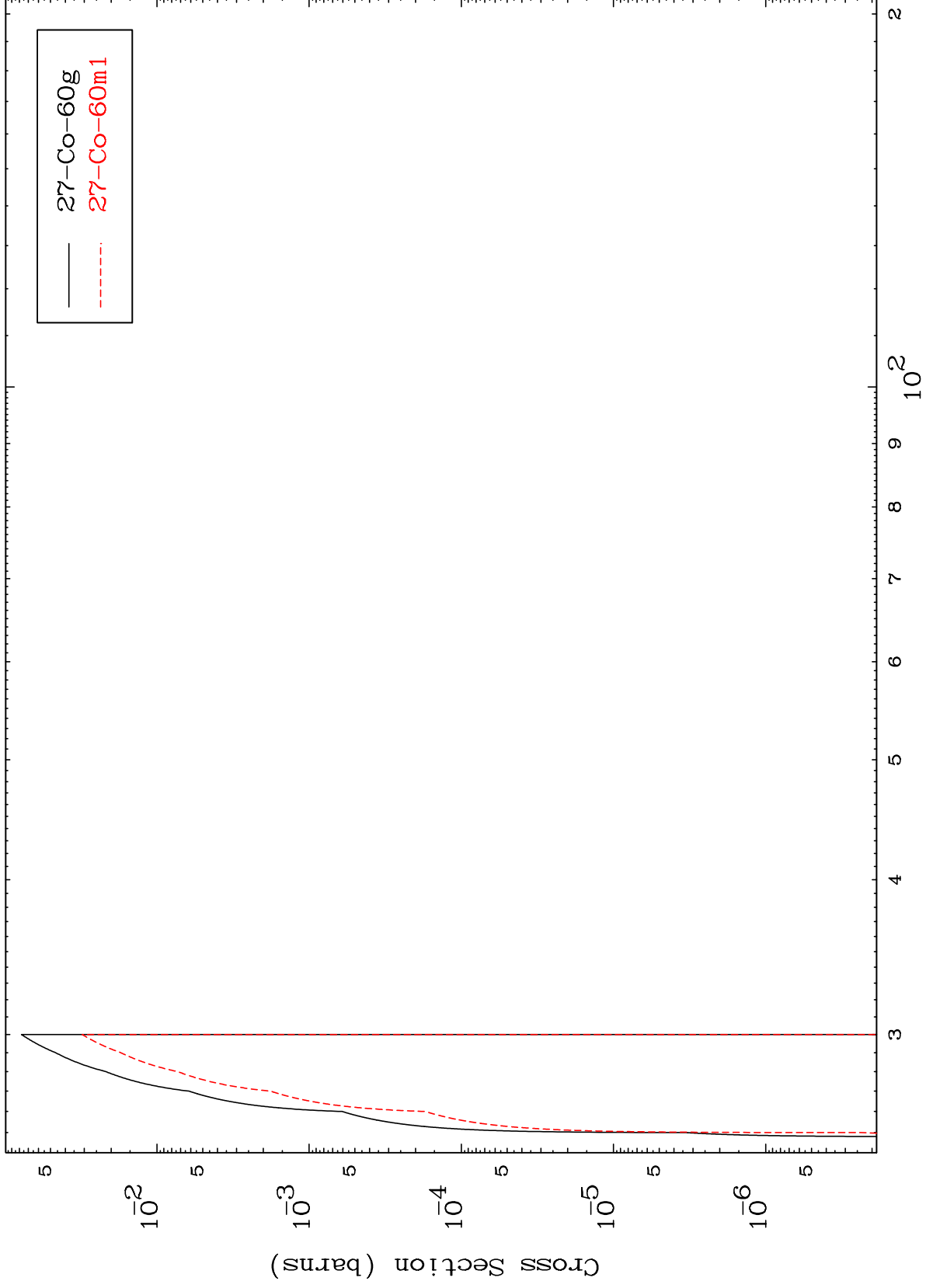


108

Incident Energy (MeV)

27-Co-63

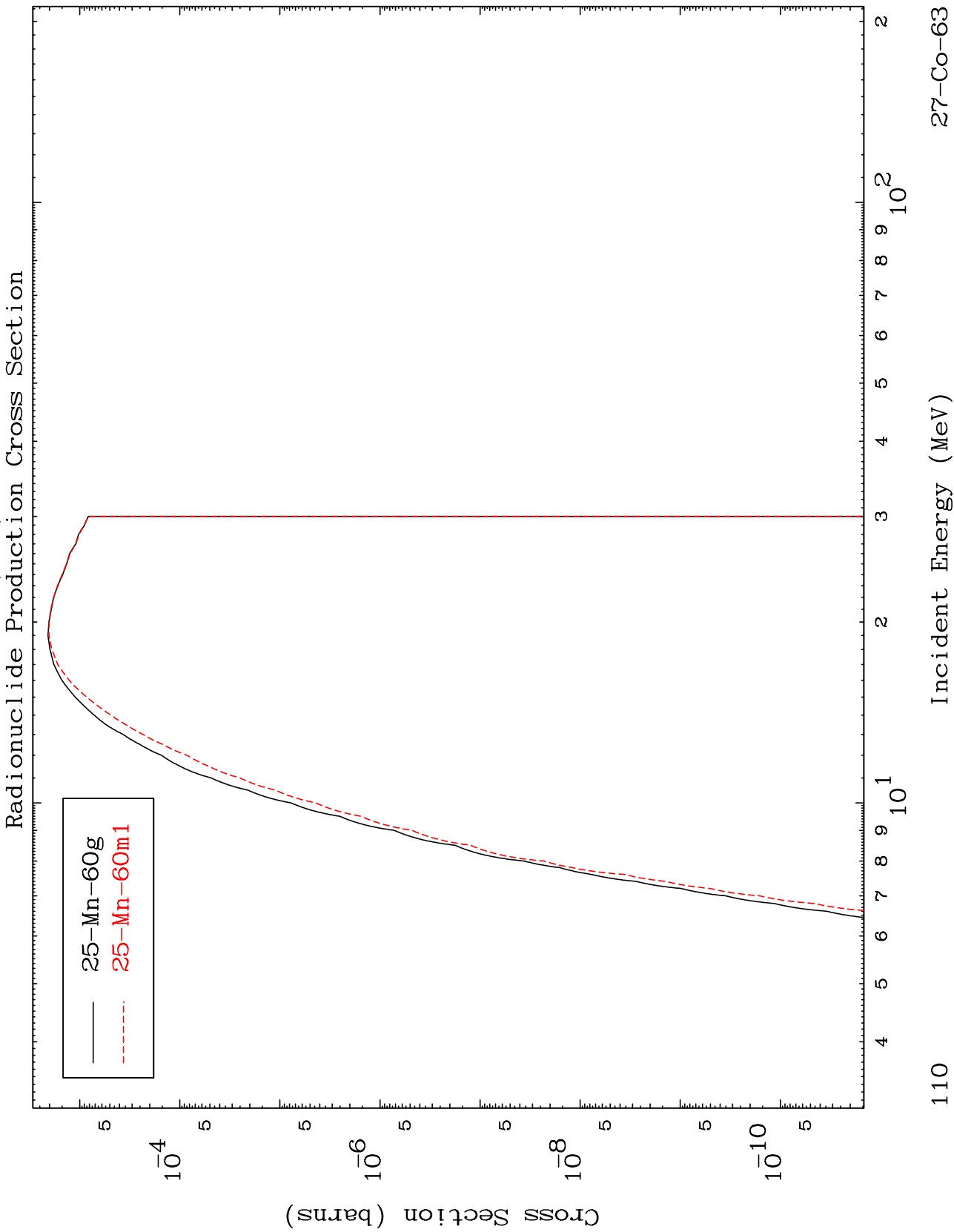
(n,4n)  
Radionuclide Production Cross Section



— 27-Co-60g  
- - - 27-Co-60m1

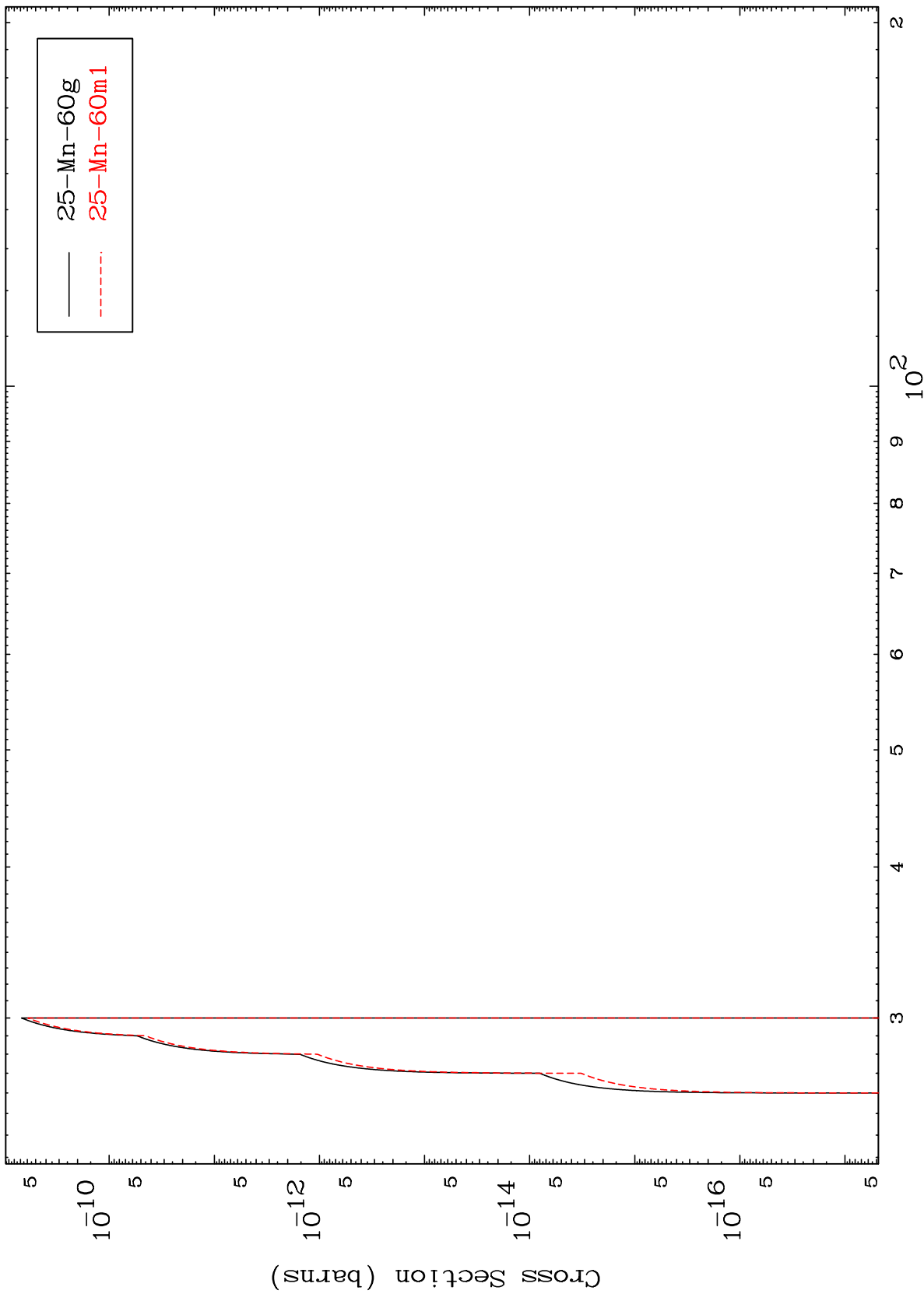
MAT 2737

27-Co-63



— 25-Mn-60g  
- - - 25-Mn-60m1

Radionuclide Production Cross Section



— 25-Mn-60g  
- - - 25-Mn-60m1