

Program EVALPLOT  
(Version 2021-1)

by

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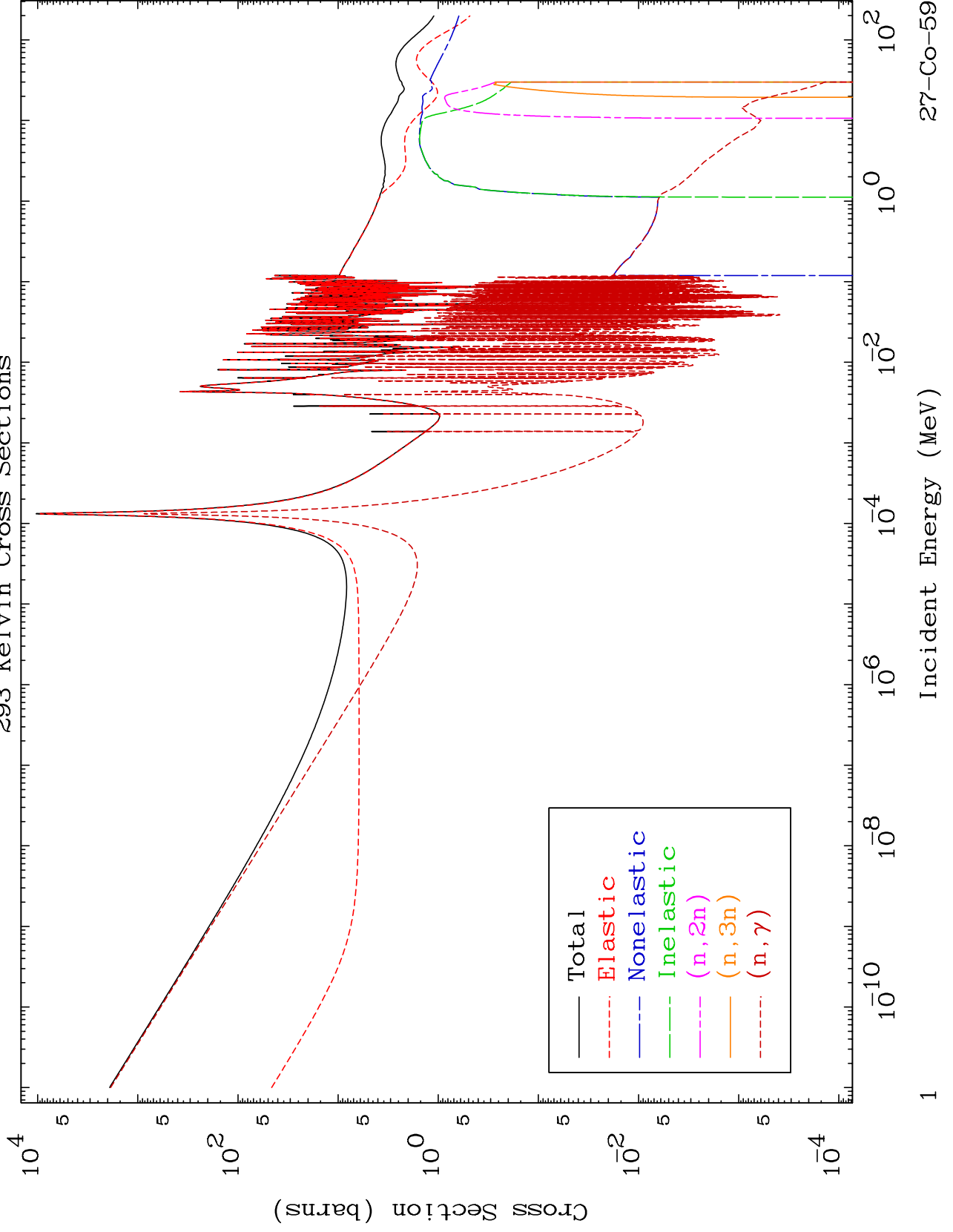
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2725

Neutron Major  
293 Kelvin Cross Sections

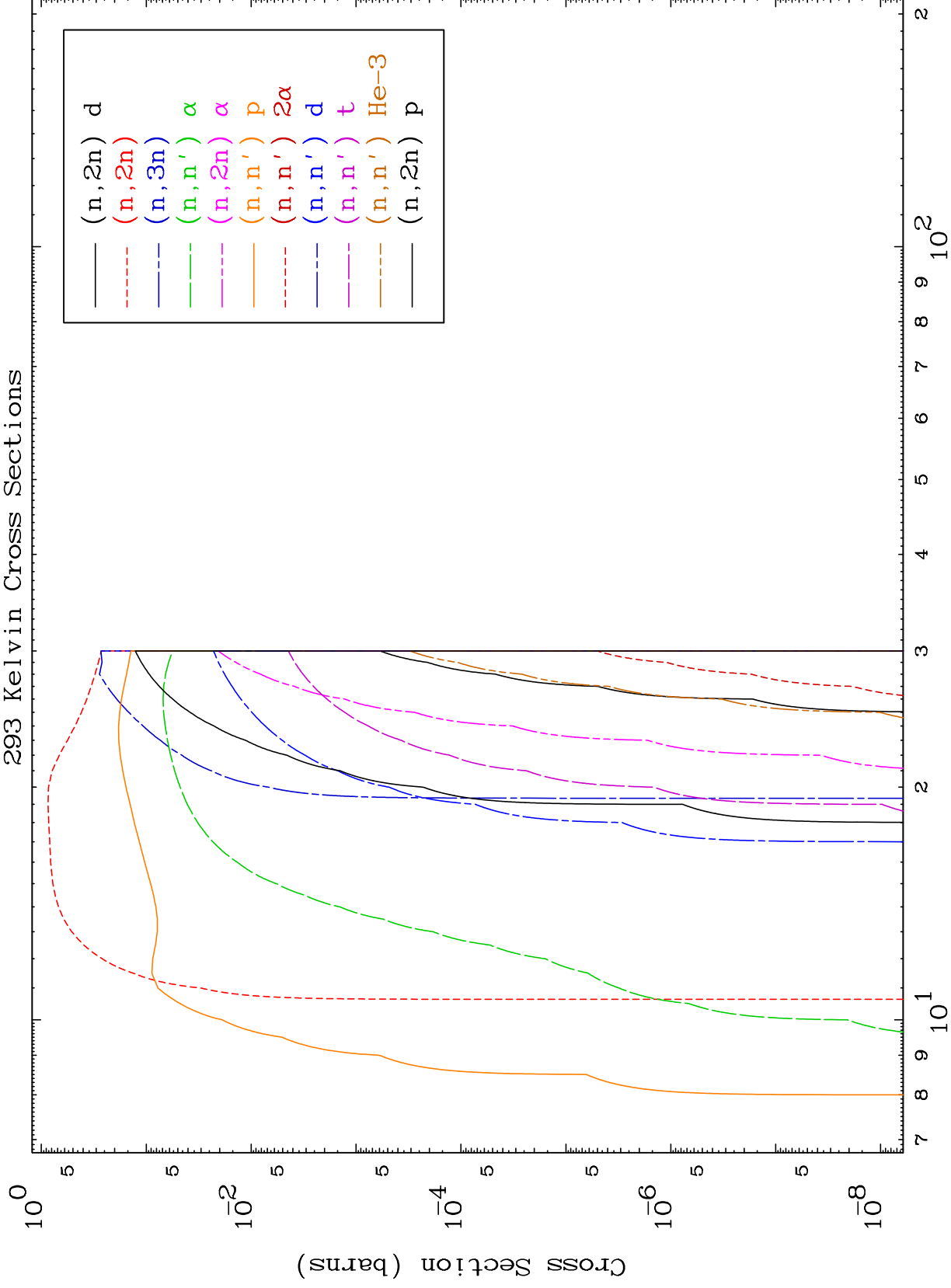
27-Co-59



MAT 2725

Neutron Absorption  
293 Kelvin Cross Sections

27-Co-59



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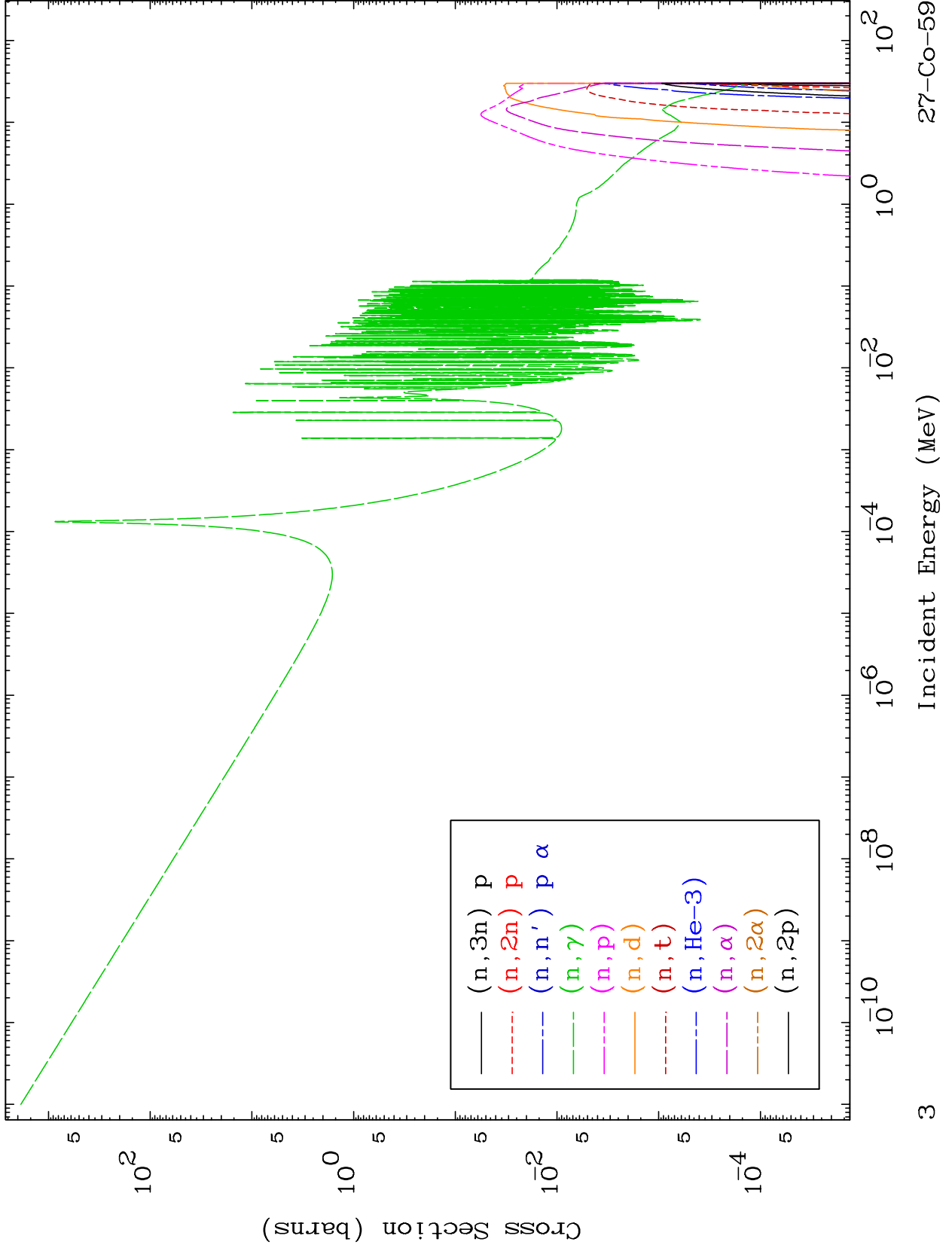
Incident Energy (MeV)

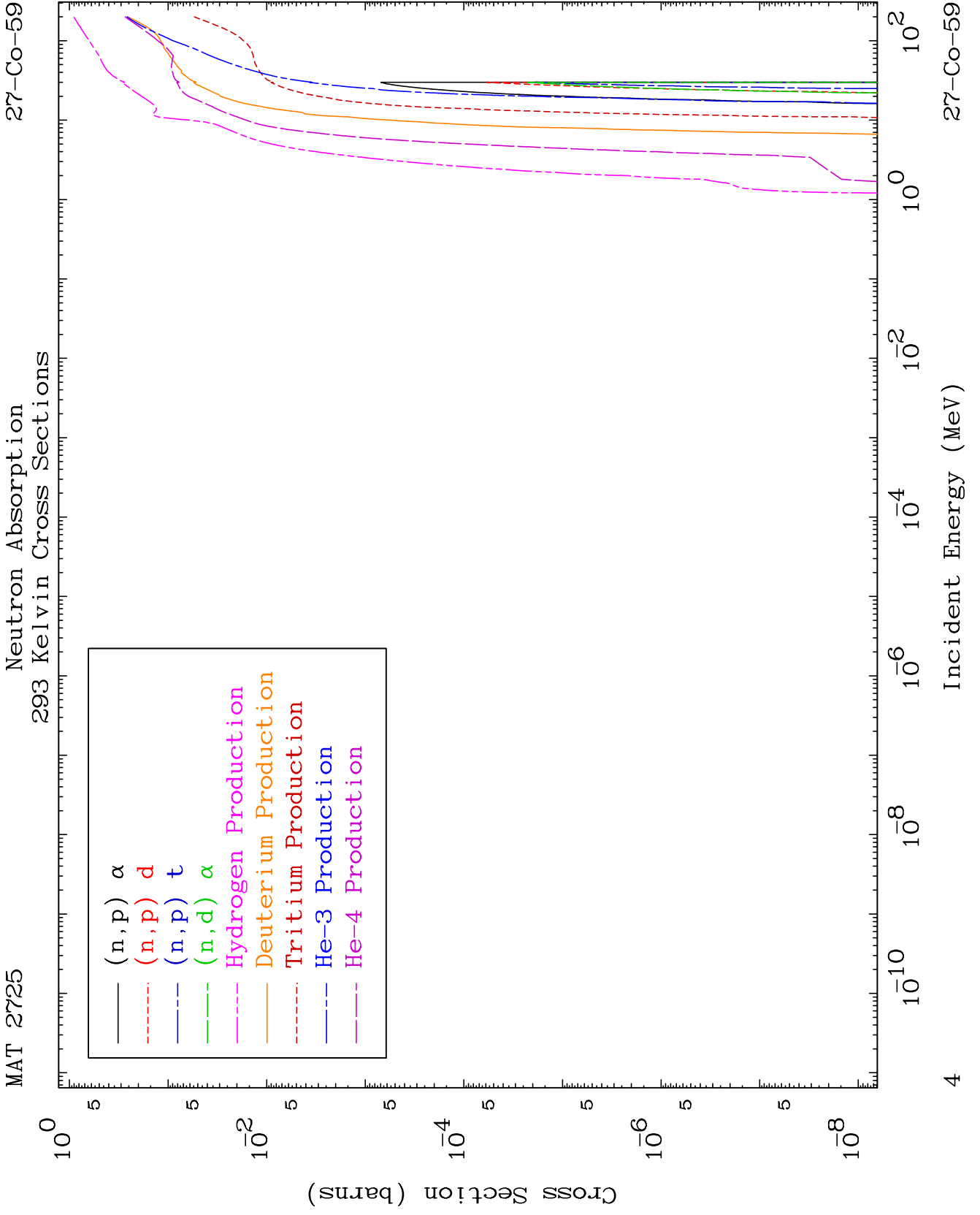
27-Co-59

MAT 2725

Neutron Absorption  
293 Kelvin Cross Sections

27-Co-59

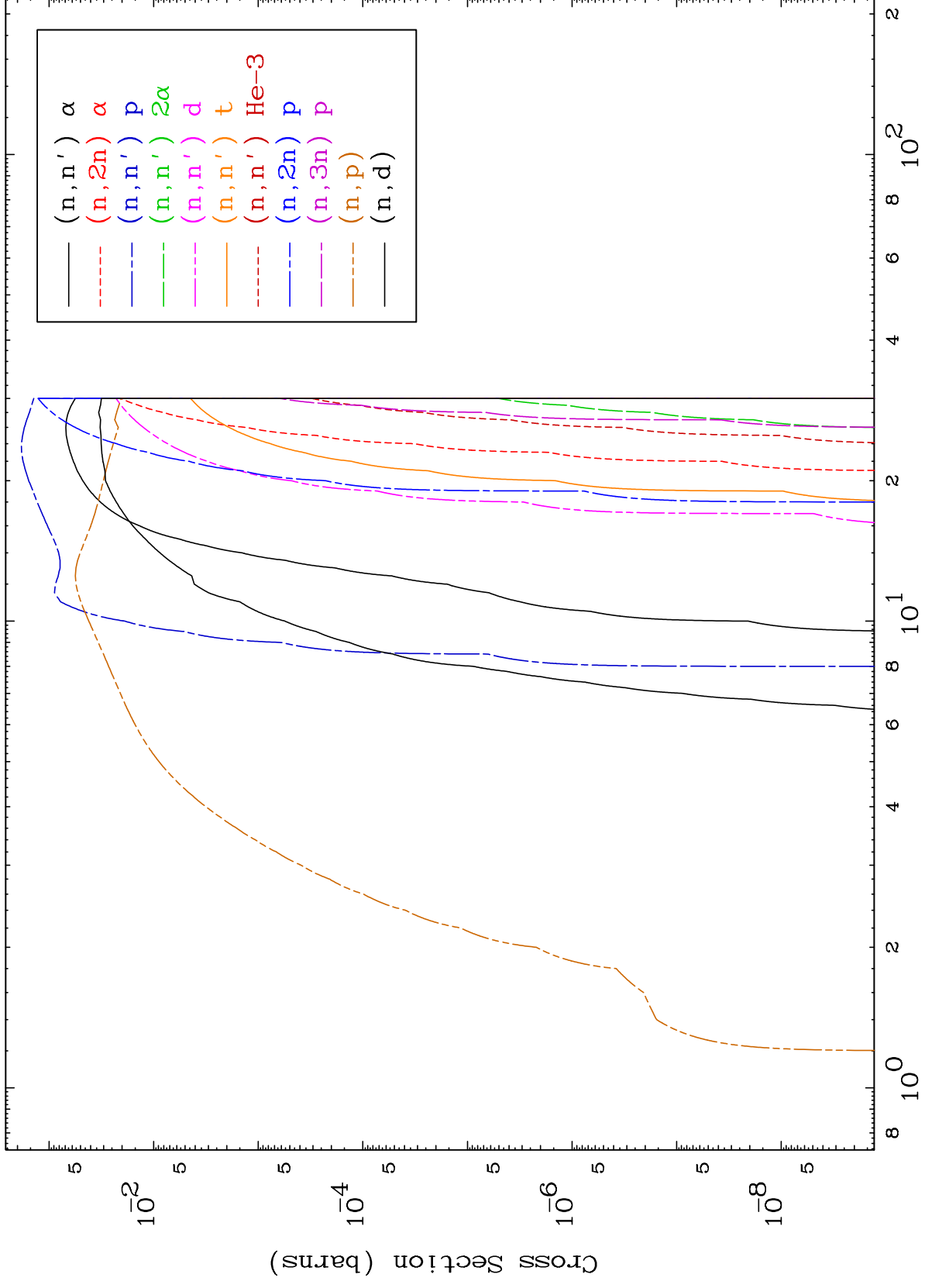




MAT 2725

Charged Particle  
293 Kelvin Cross Sections

27-Co-59



27-Co-59

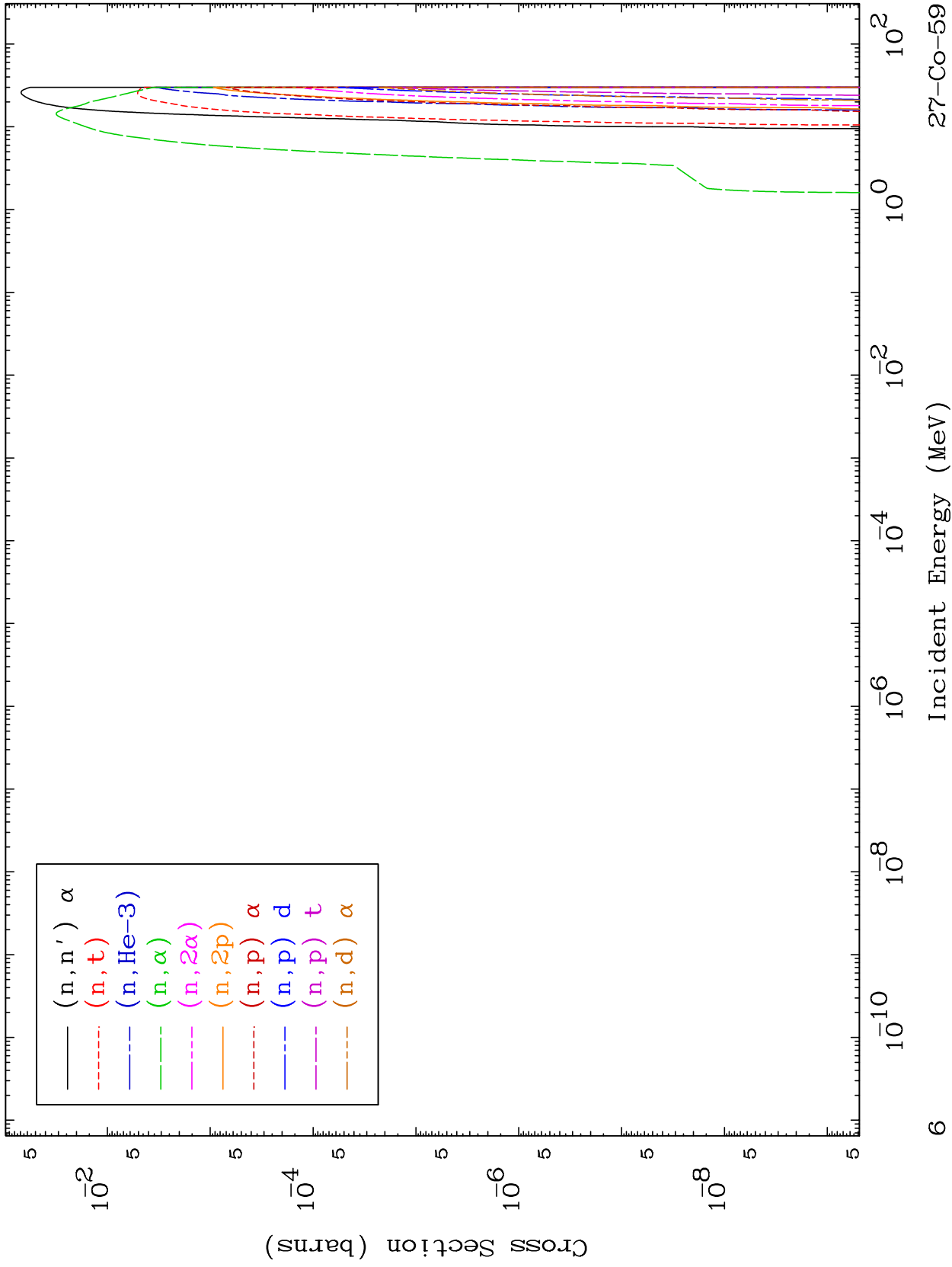
Incident Energy (MeV)

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MAT 2725

Charged Particle  
293 Kelvin Cross Sections

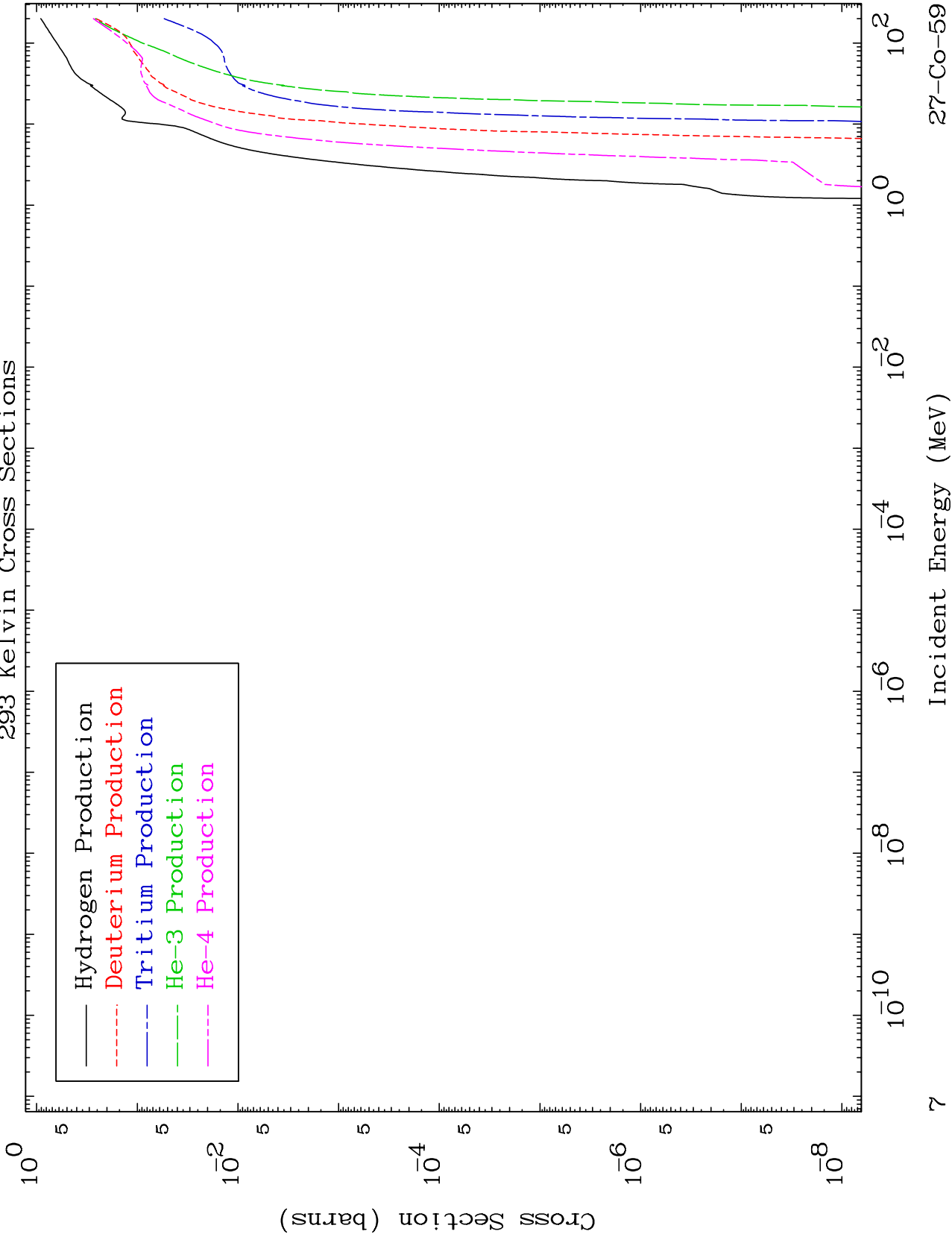
27-Co-59



MAT 2725

Particle Production  
293 Kelvin Cross Sections

27-Co-59

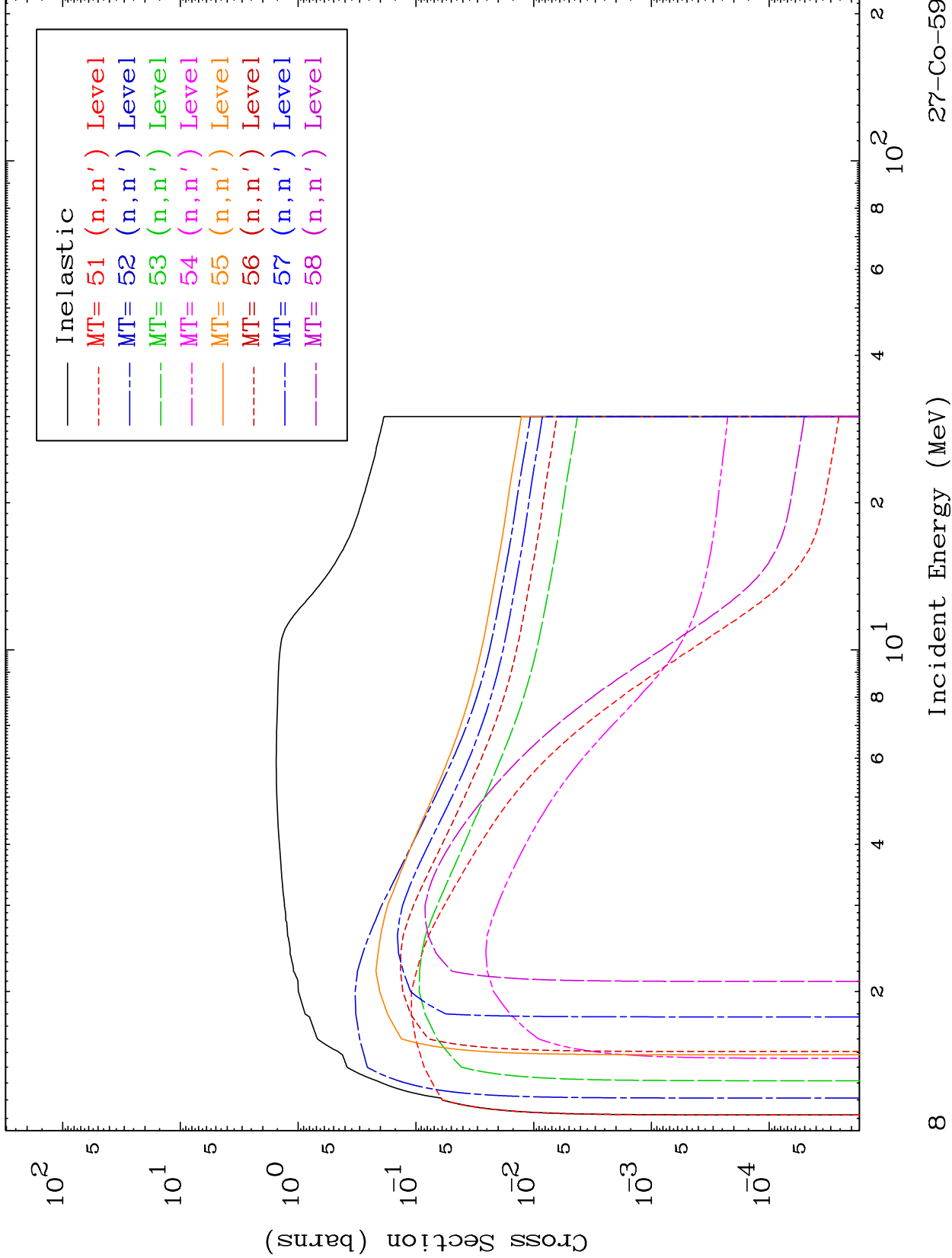




MAT 2725

(n,n') Levels  
293 Kelvin Cross Sections

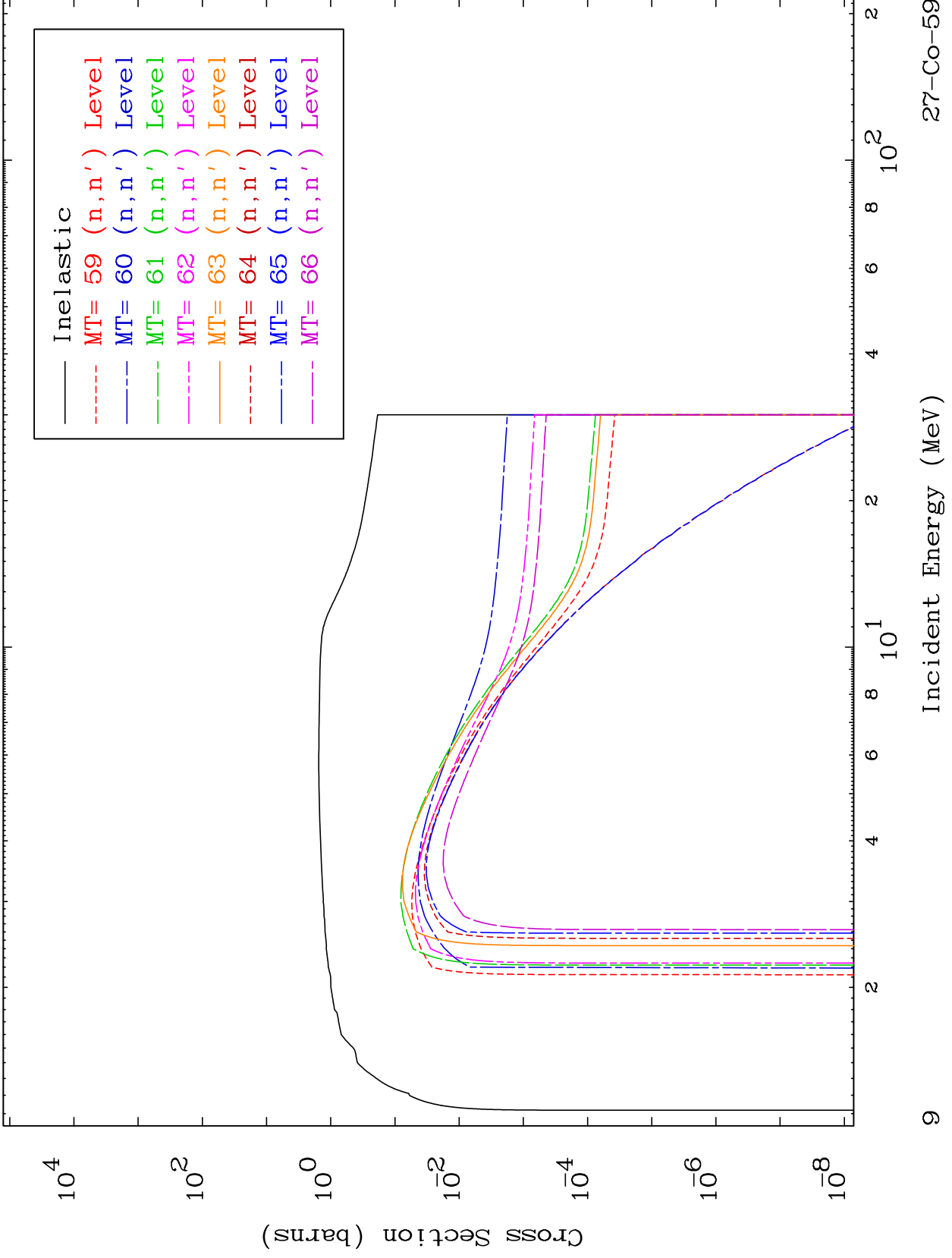
27-Co-59



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Incident Energy (MeV)

27-Co-59

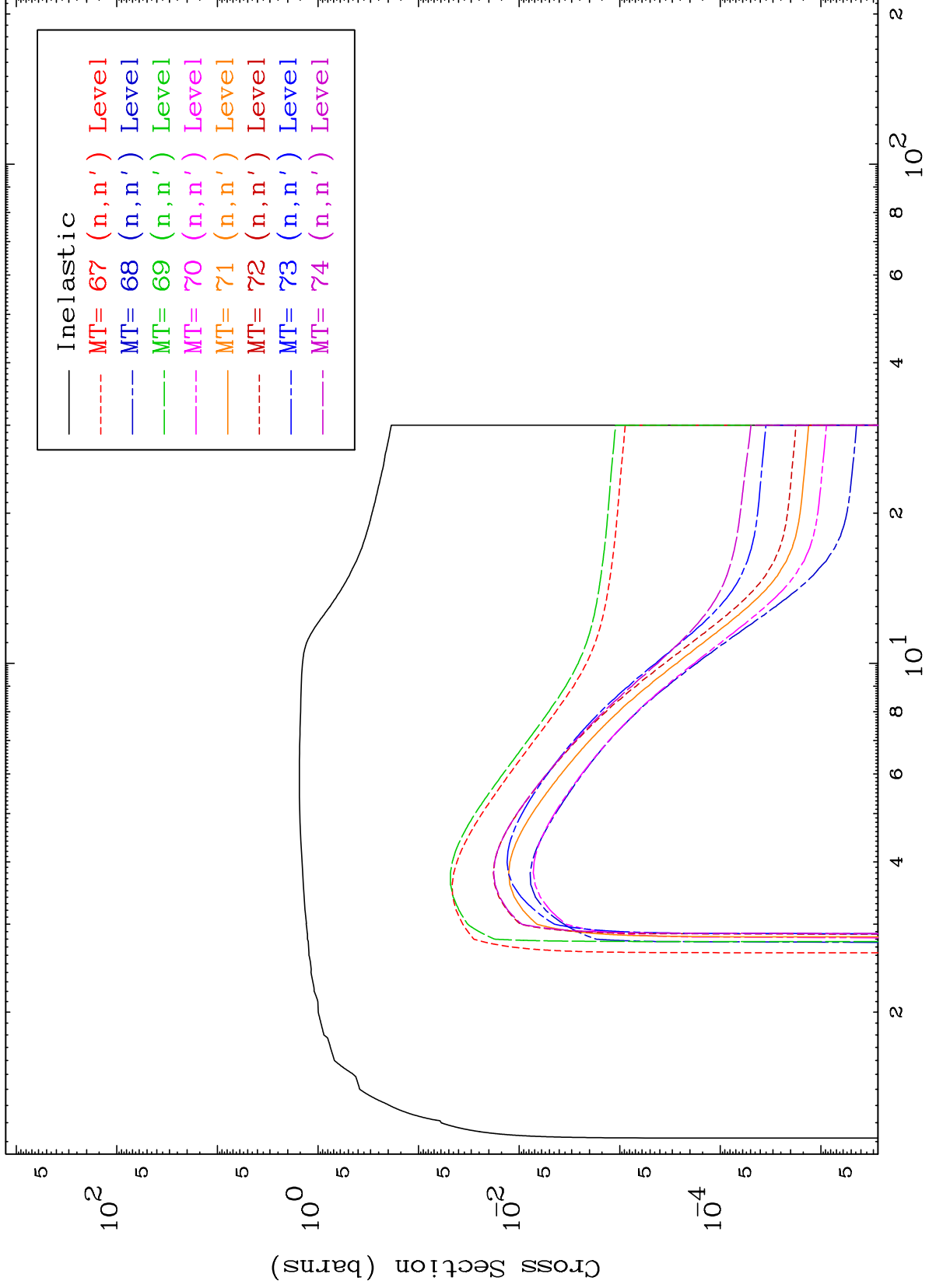


MAT 2725

(n,n') Levels

27-Co-59

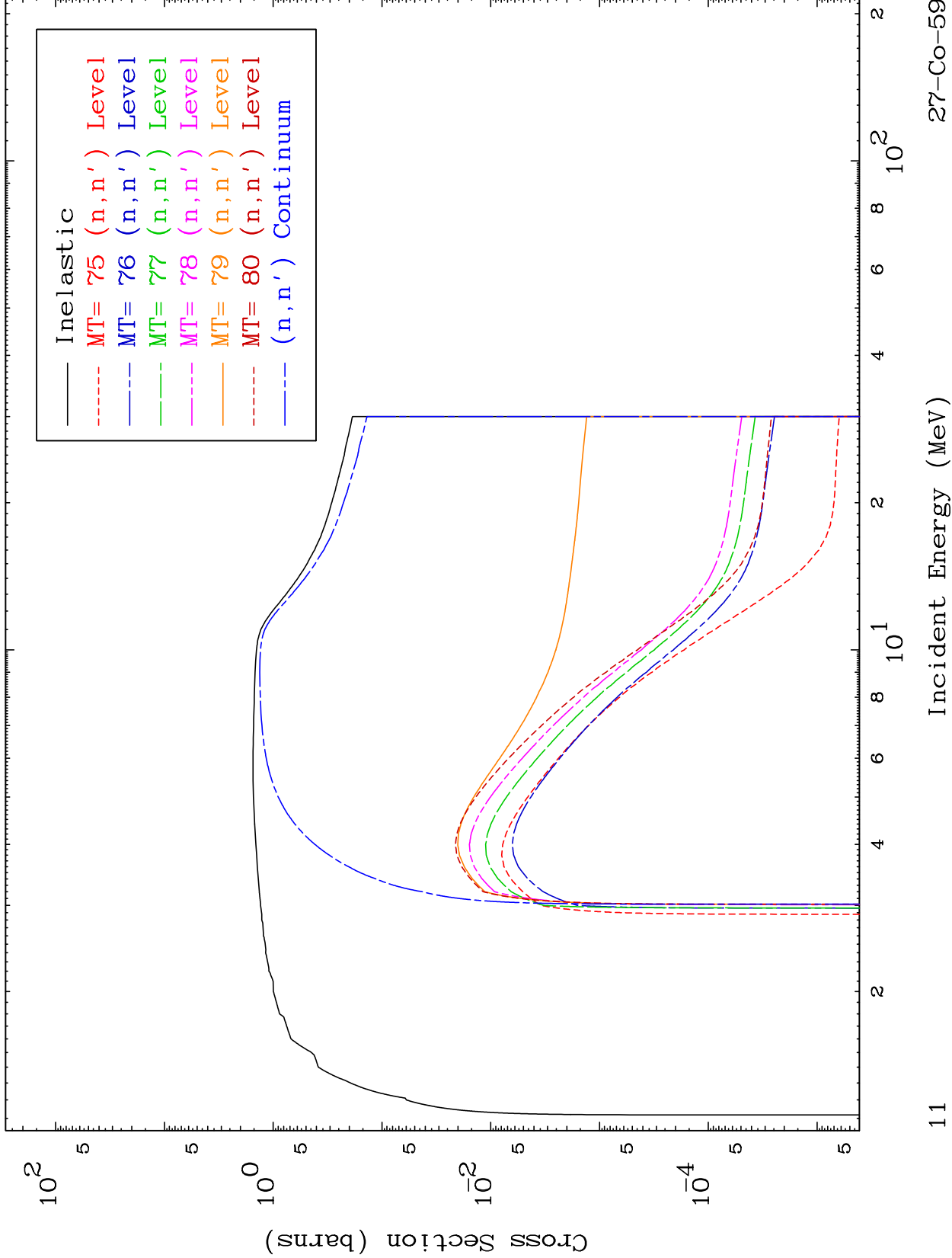
293 Kelvin Cross Sections



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Incident Energy (MeV)

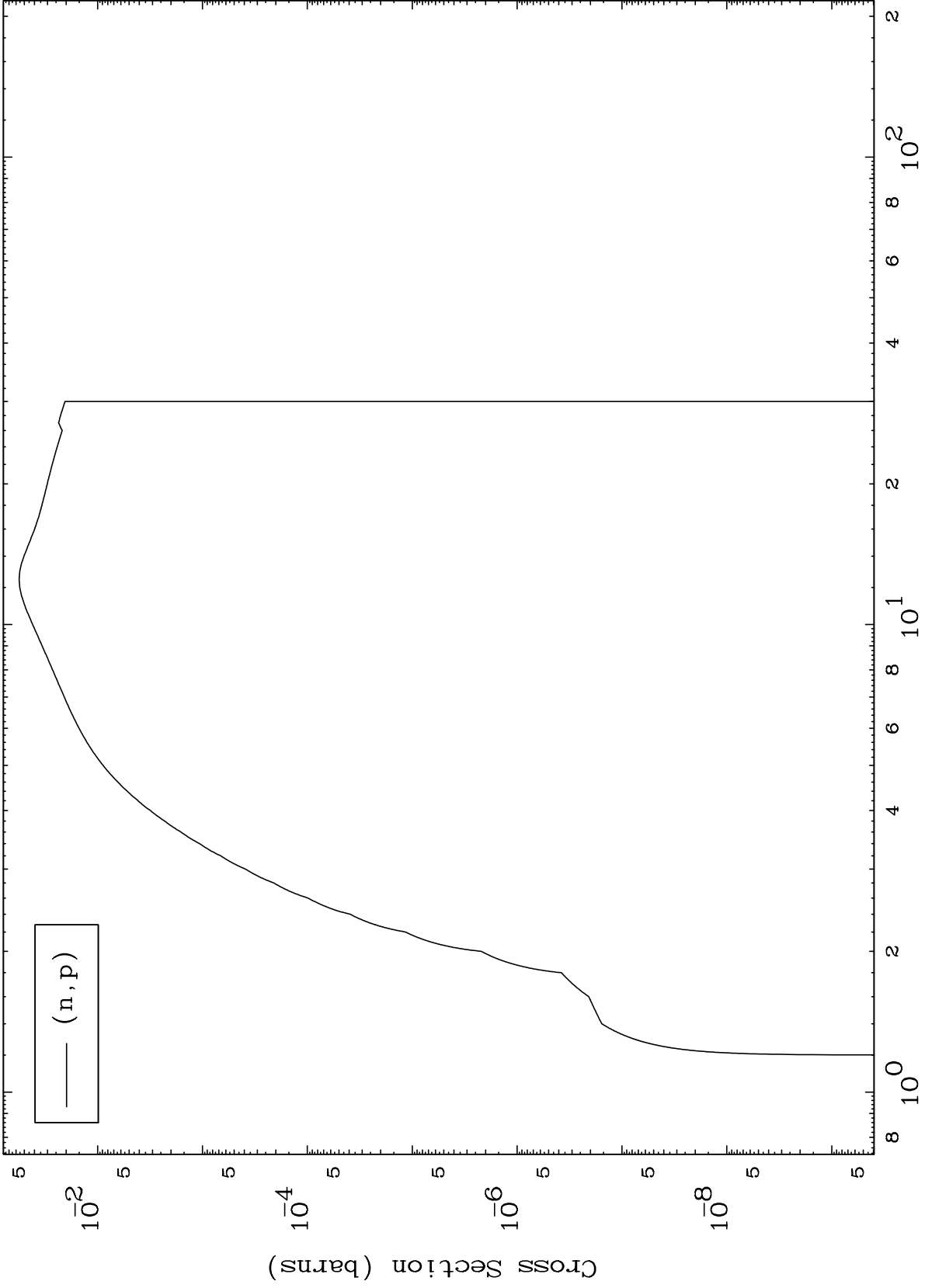
27-Co-59



MAT 2725

(n,p) Levels  
293 Kelvin Cross Sections

27-Co-59



12

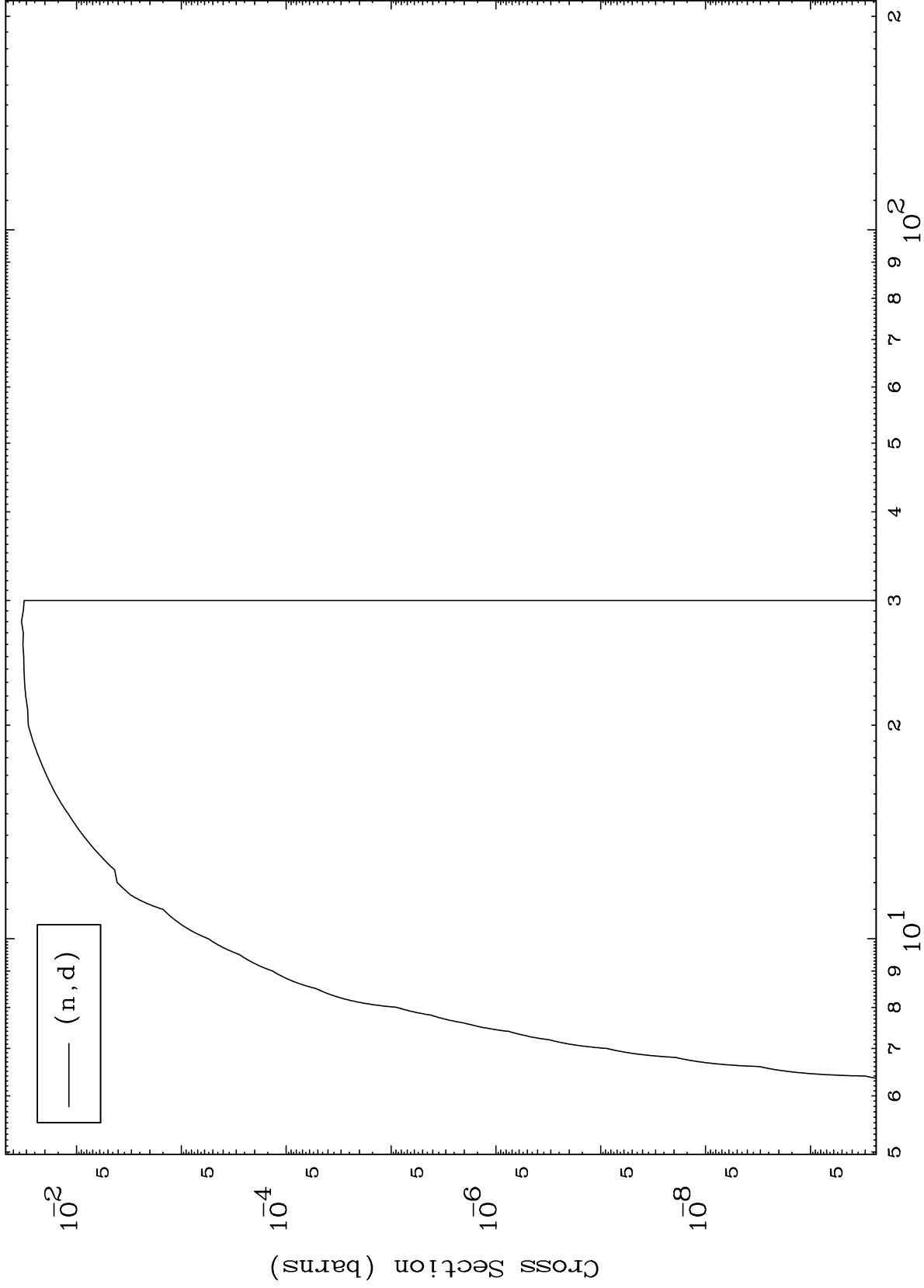
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-59



13

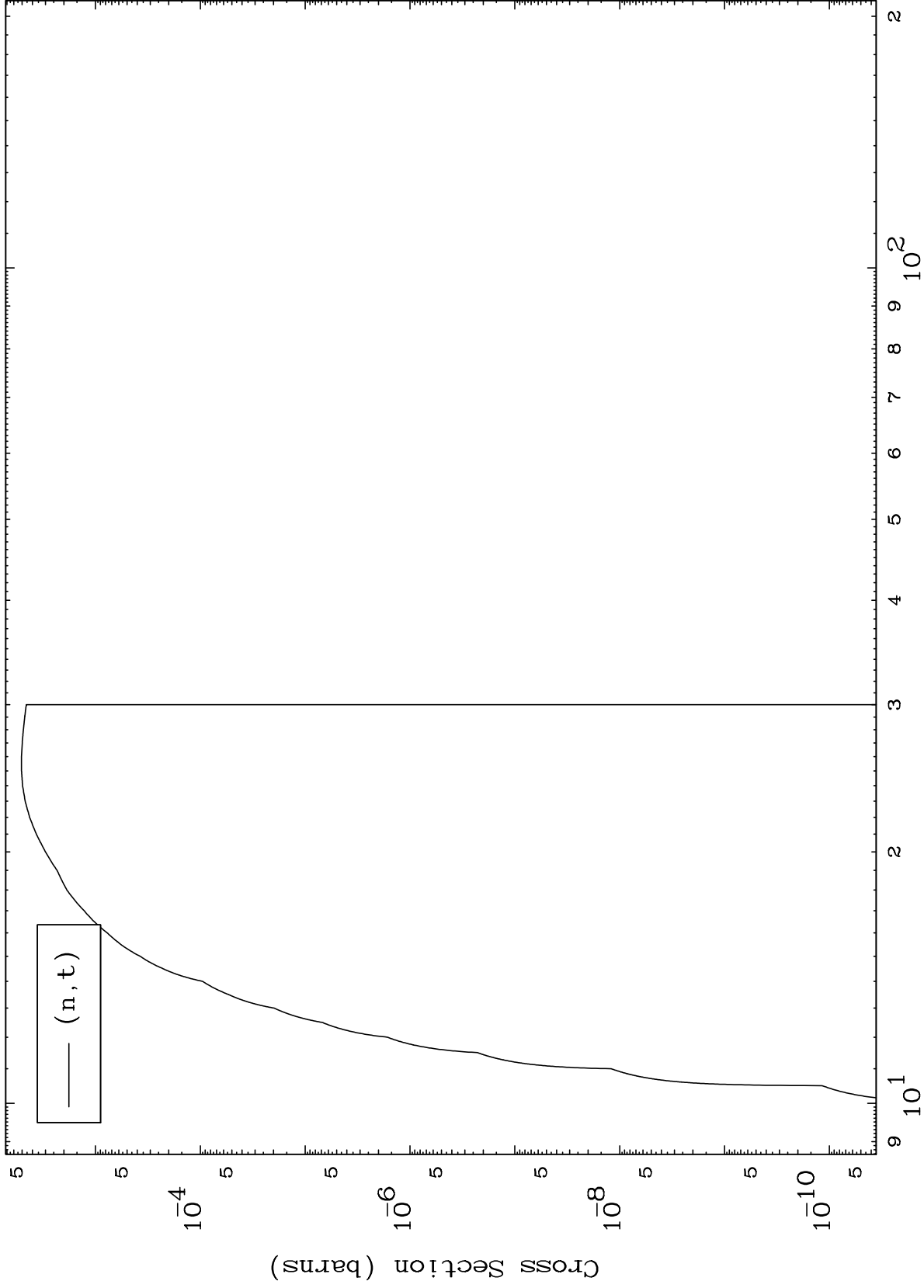
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,t) Levels  
293 Kelvin Cross Sections

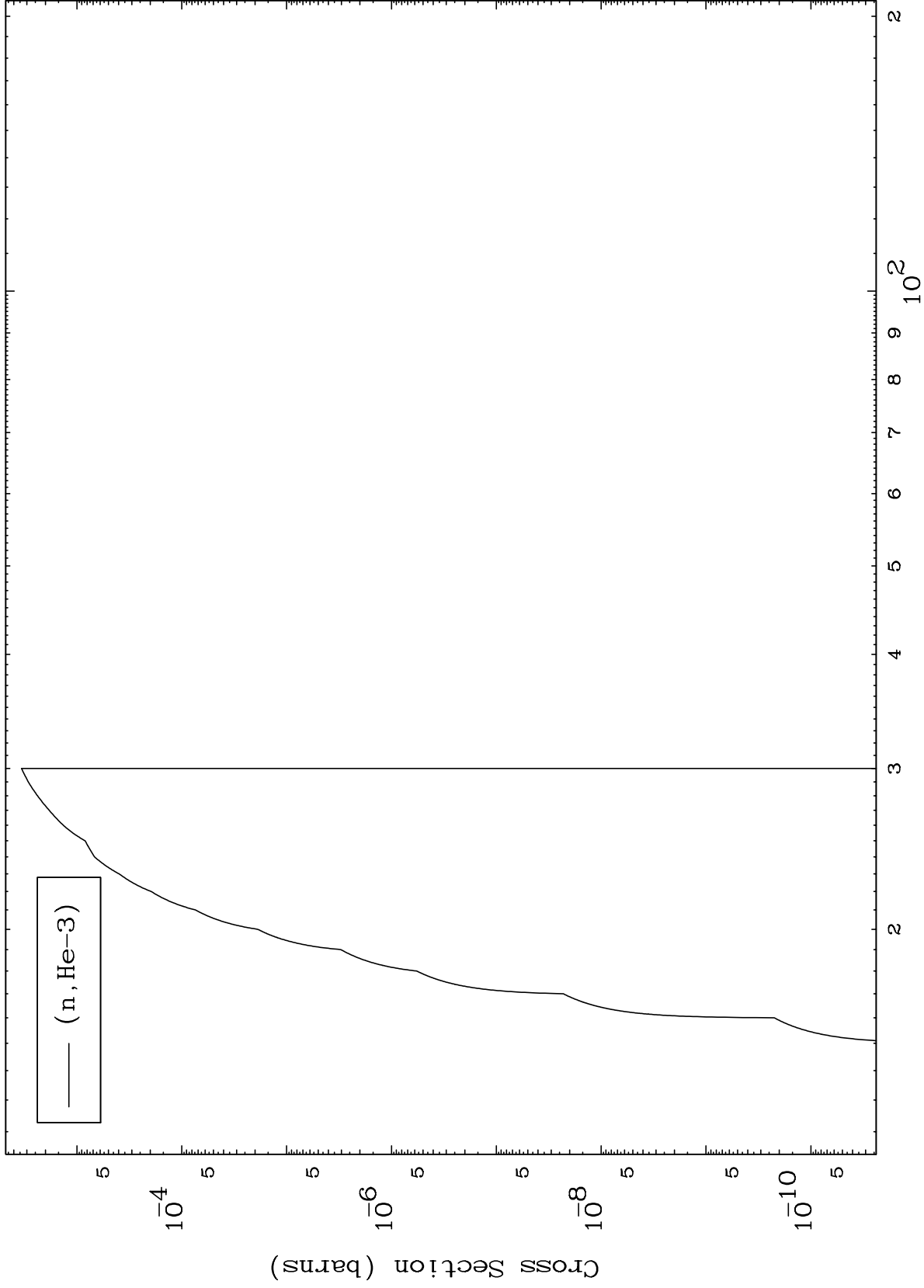
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Incident Energy (MeV)

27-Co-59

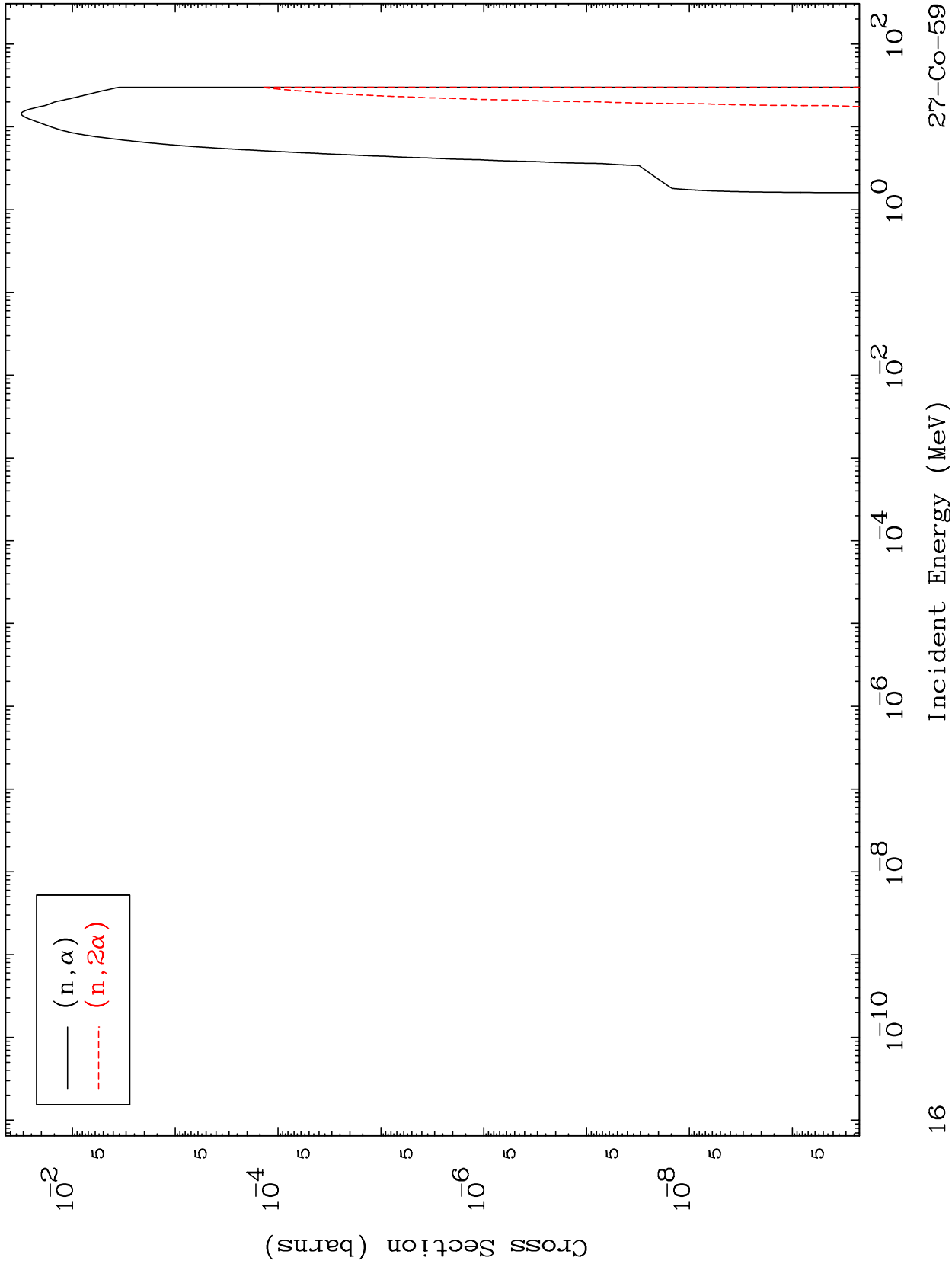




MAT 2725

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

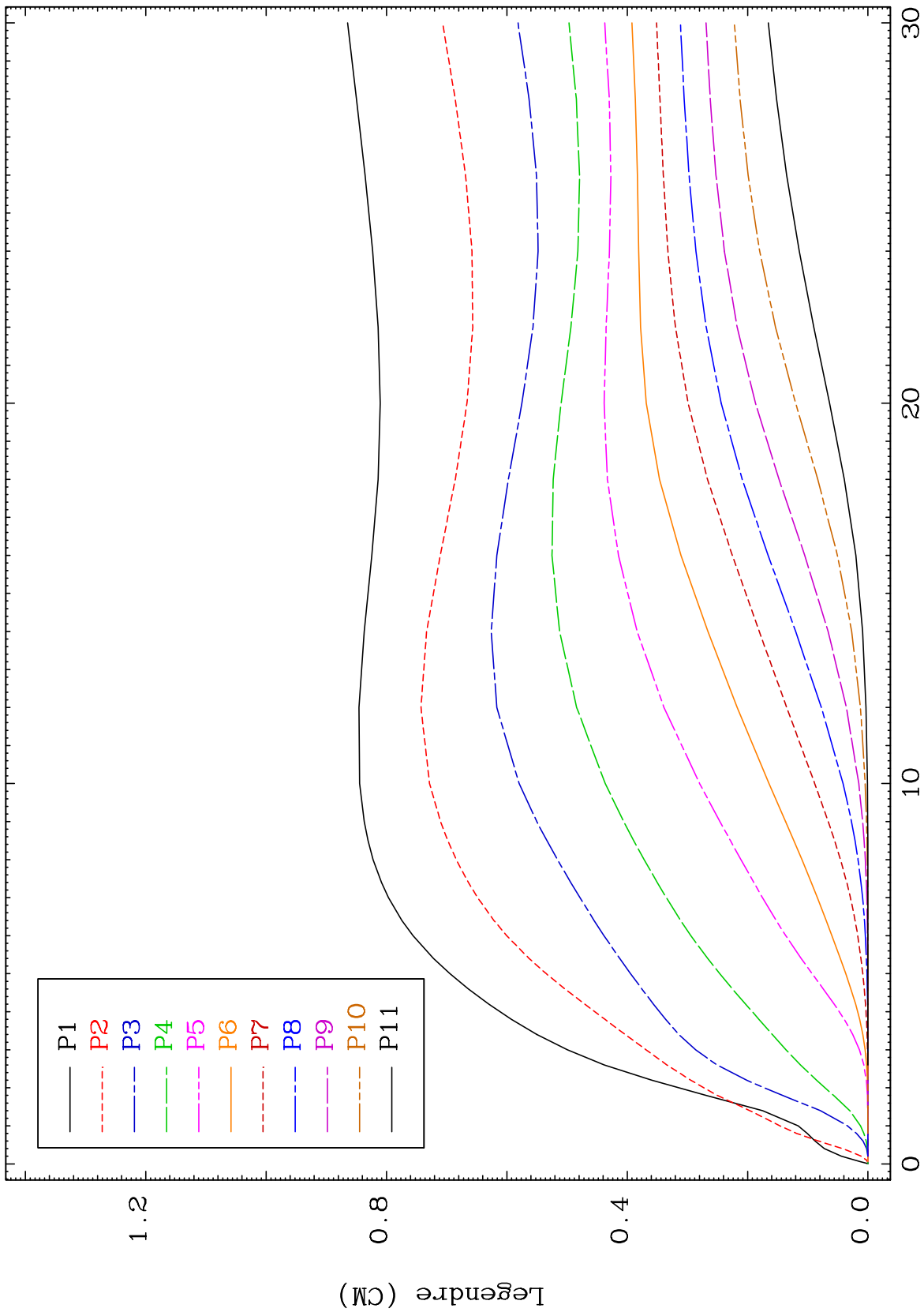
27-Co-59



MAT 2725

Elastic Legendre Coefficients

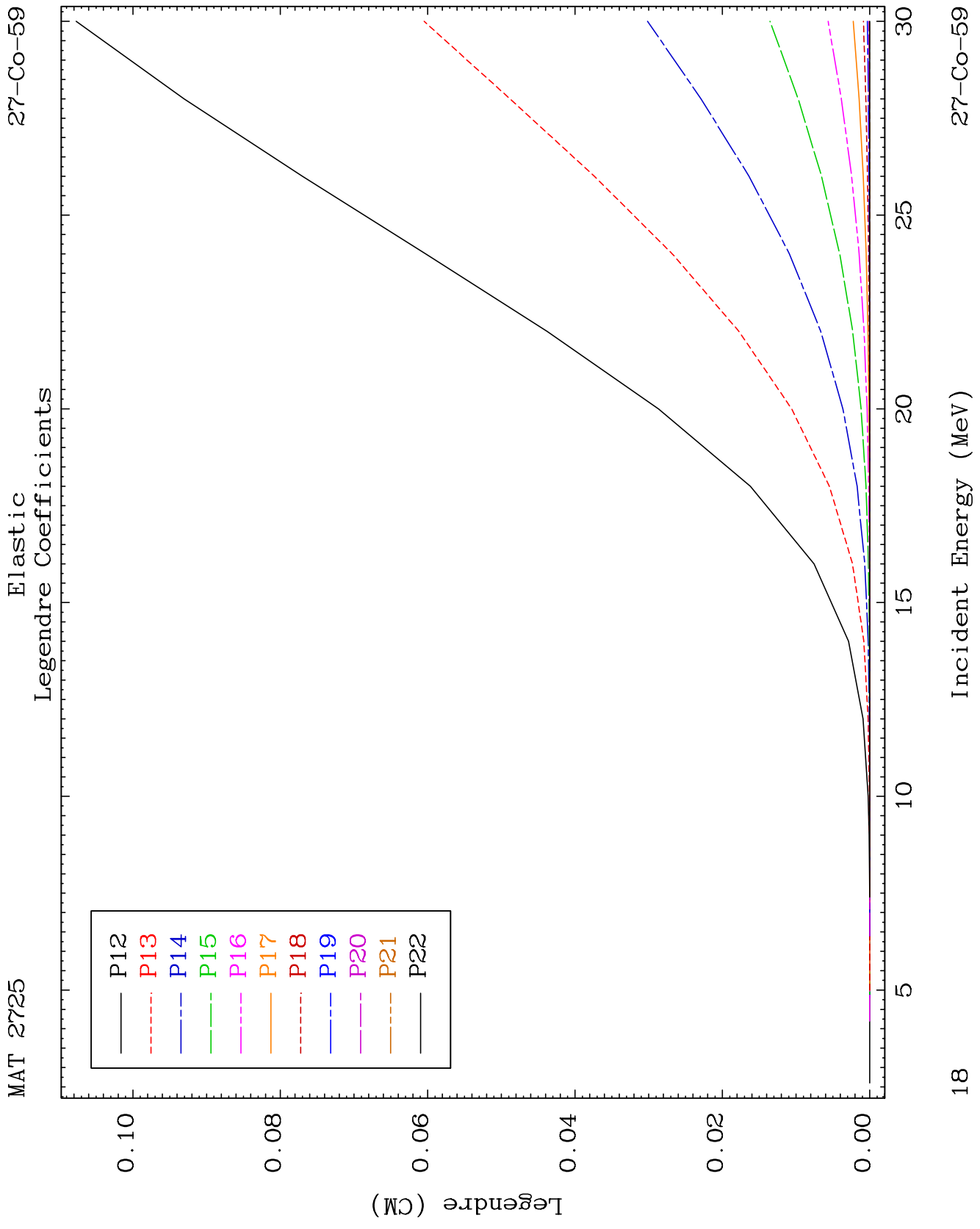
27-Co-59



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Incident Energy (MeV)

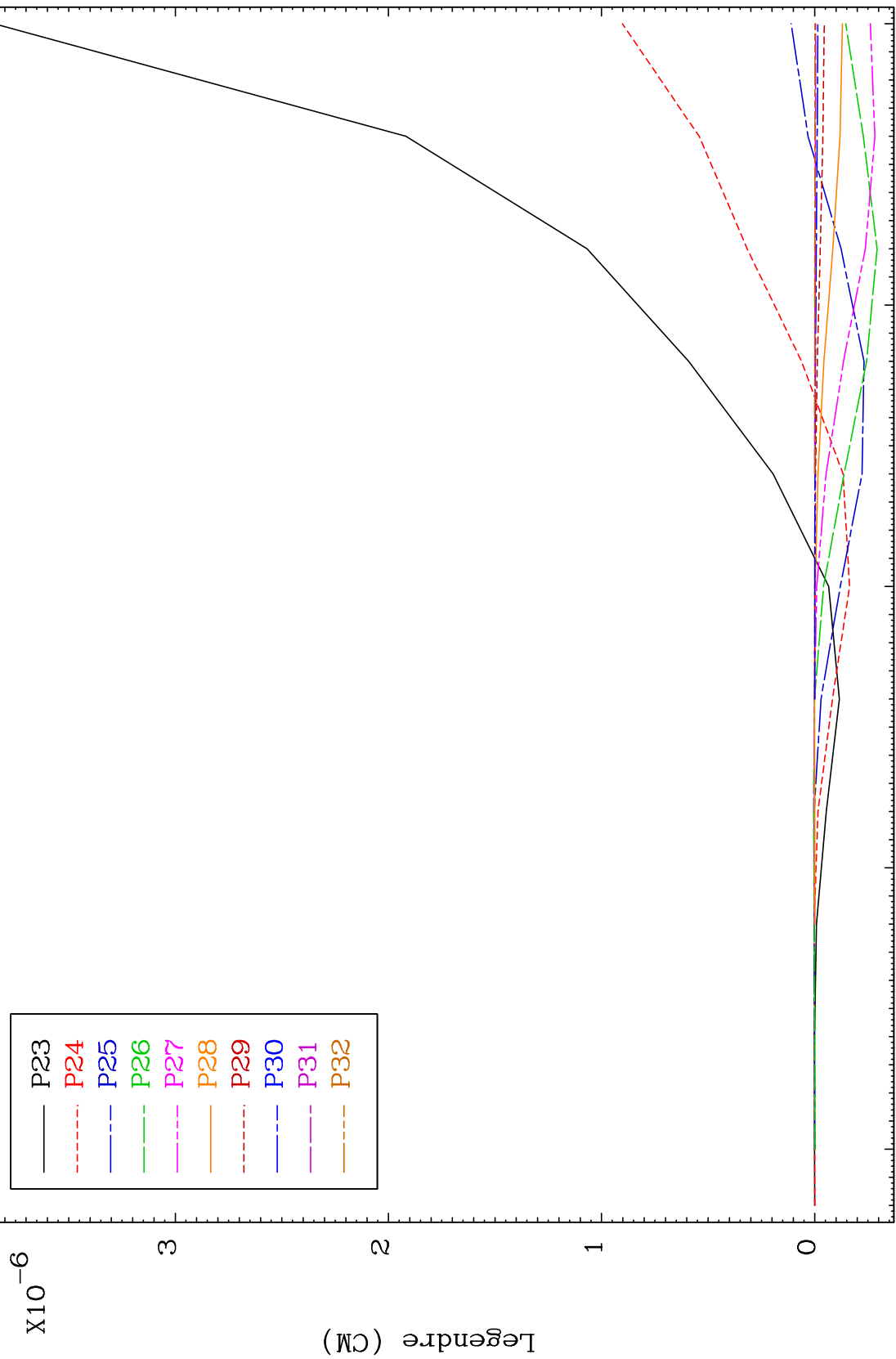
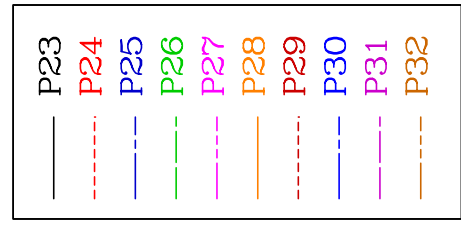
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MAT 2725

Elastic Legendre Coefficients

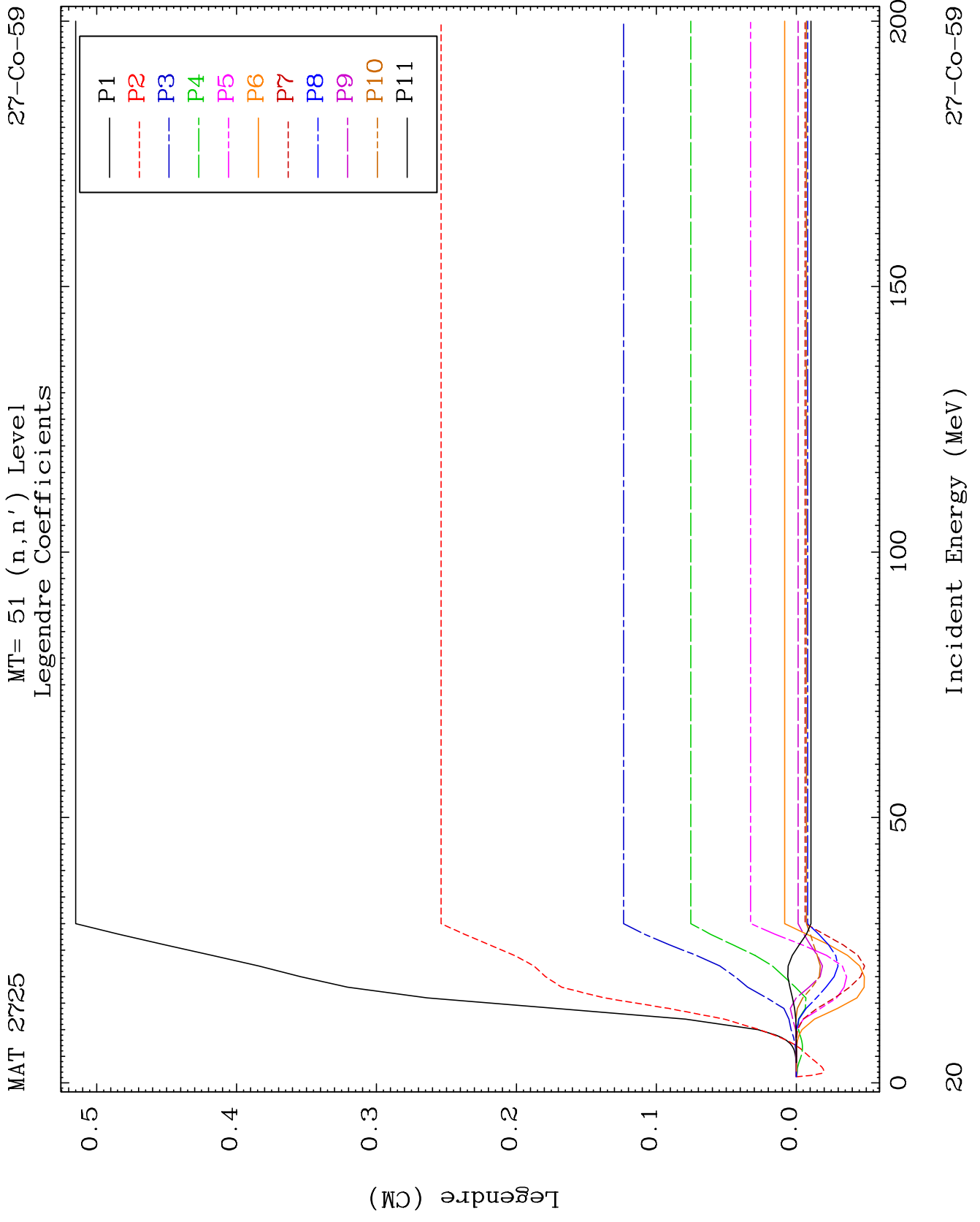
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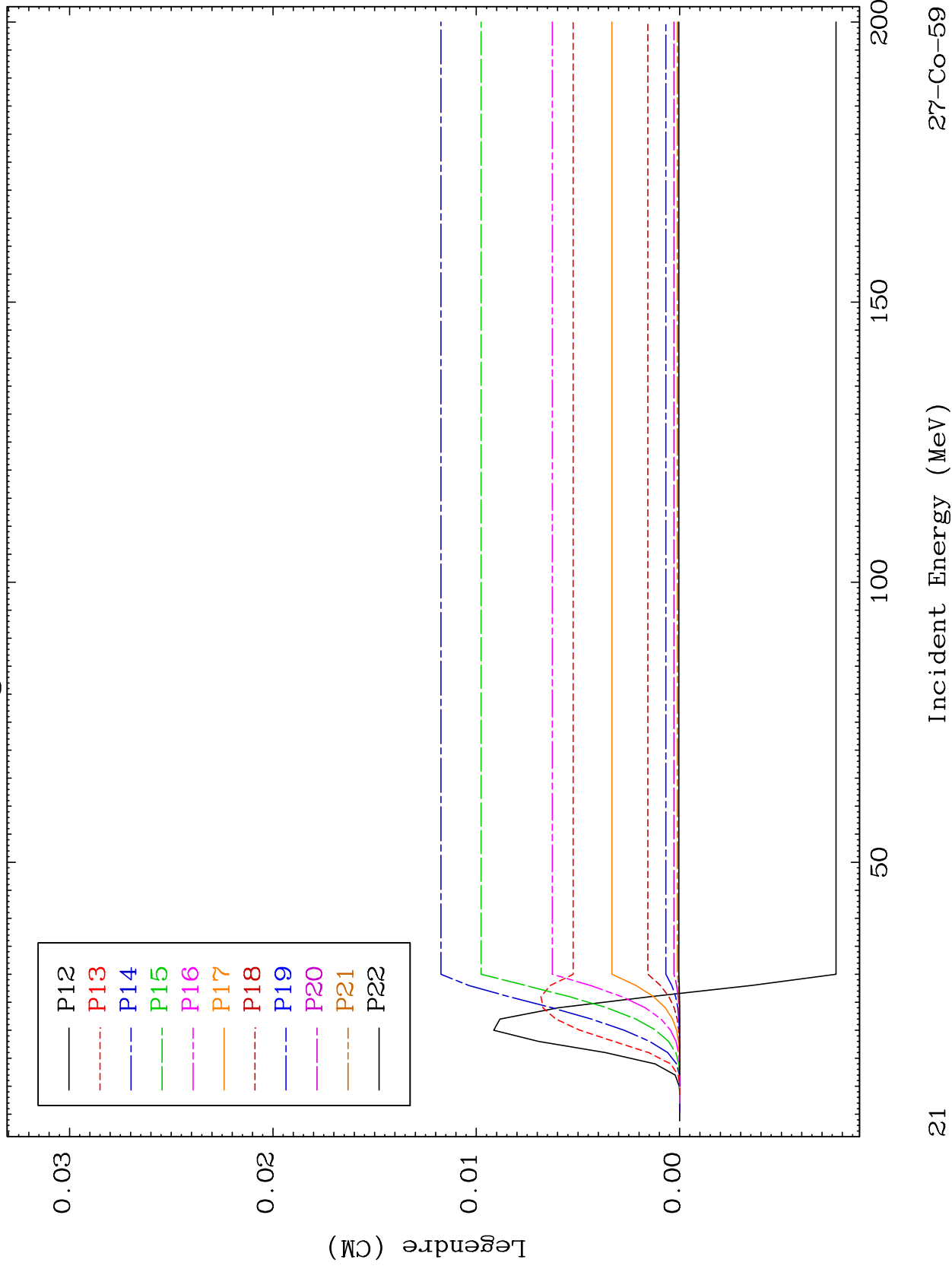


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Incident Energy (MeV)

27-Co-59

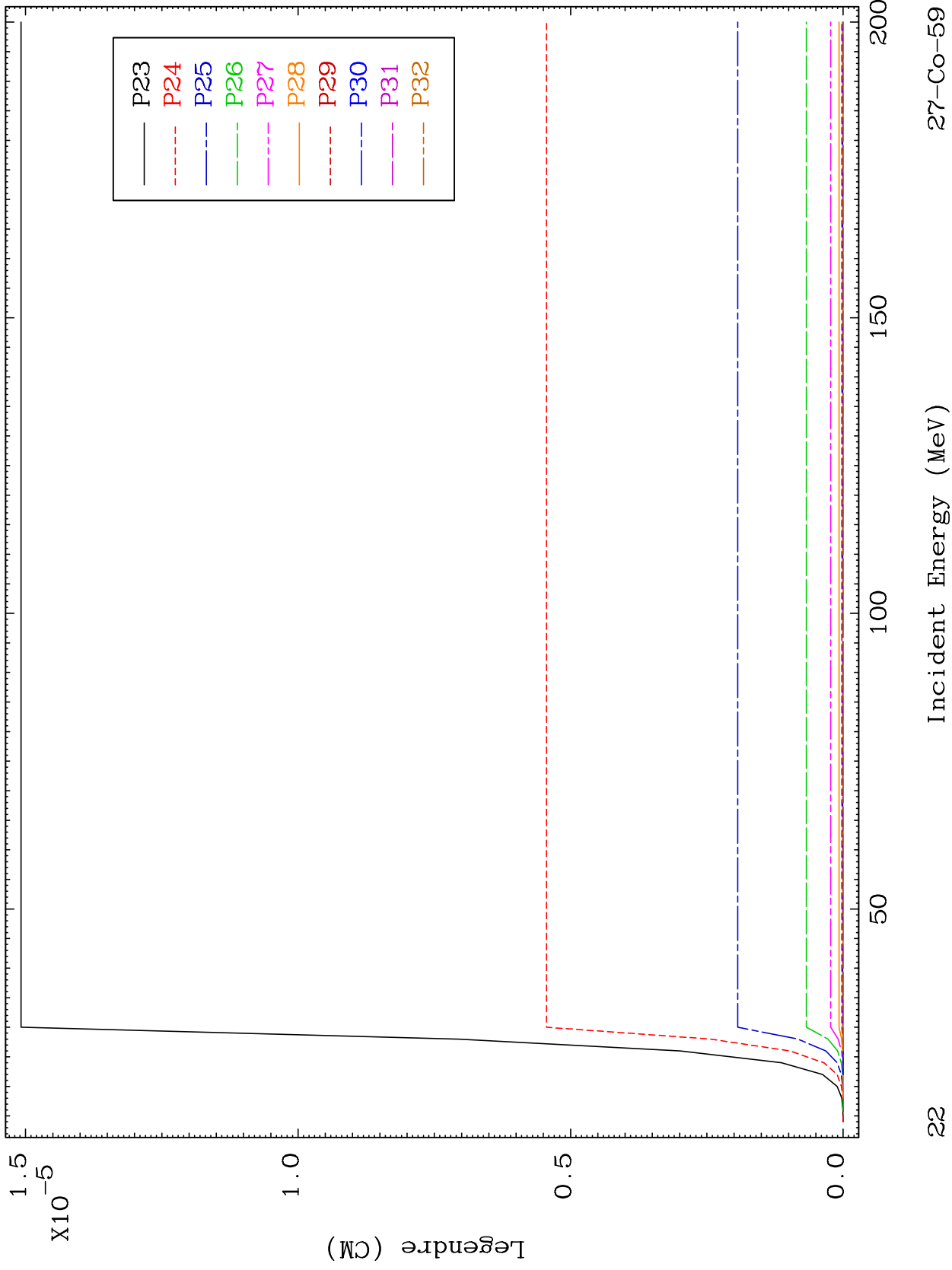




MAT 2725

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

27-Co-59



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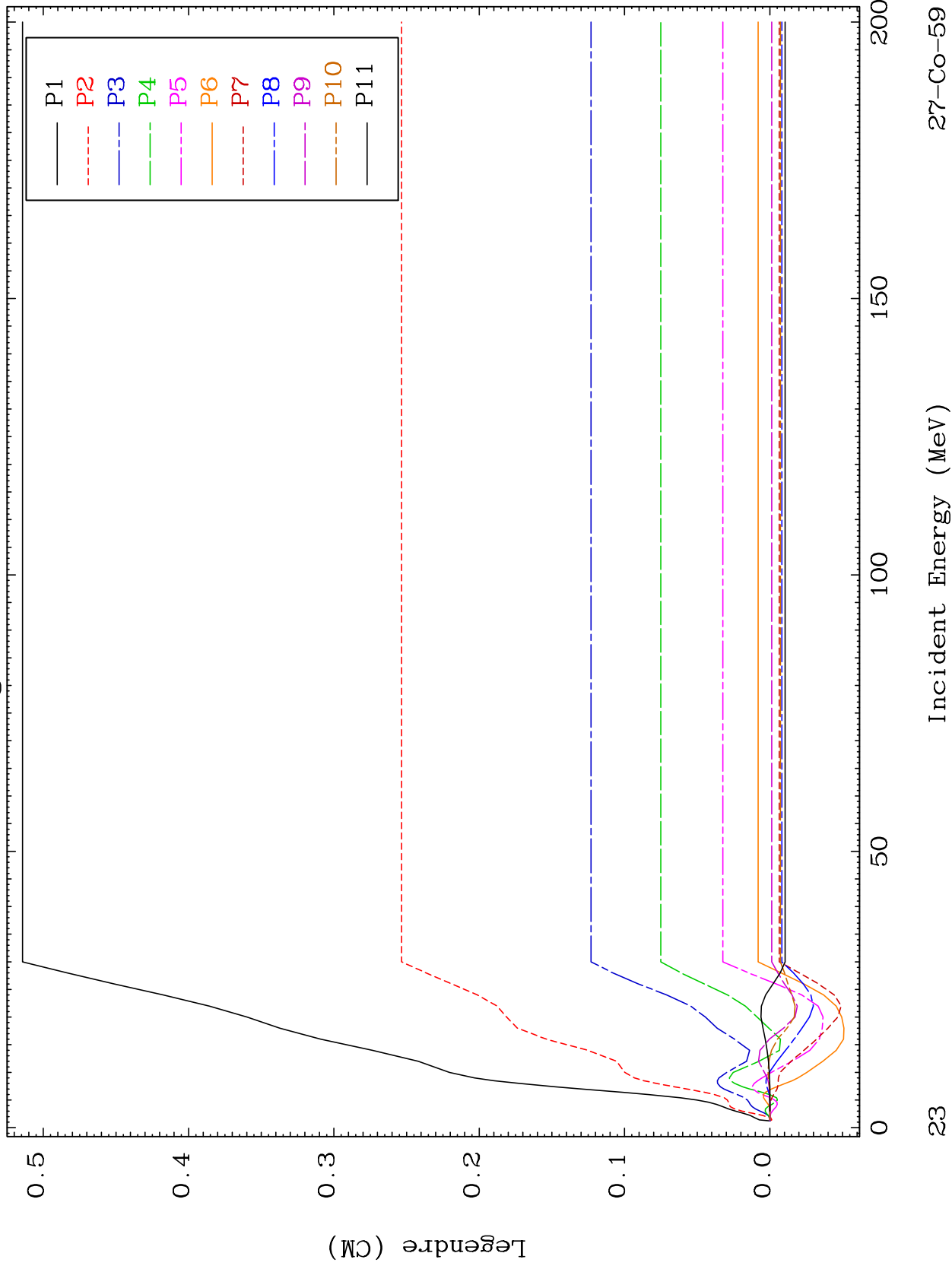
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



27-Co-59

Incident Energy (MeV)

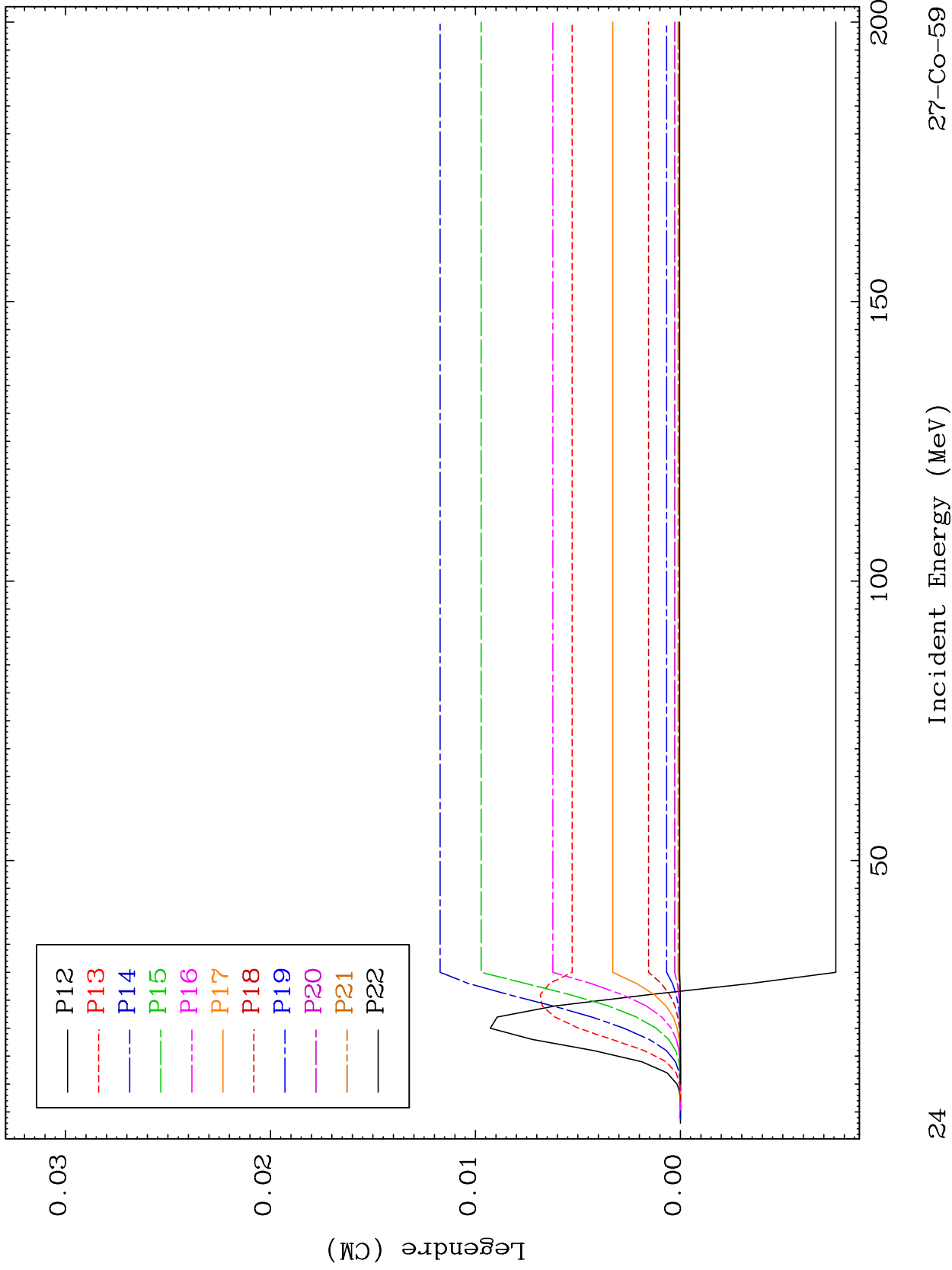
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MAT 2725

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

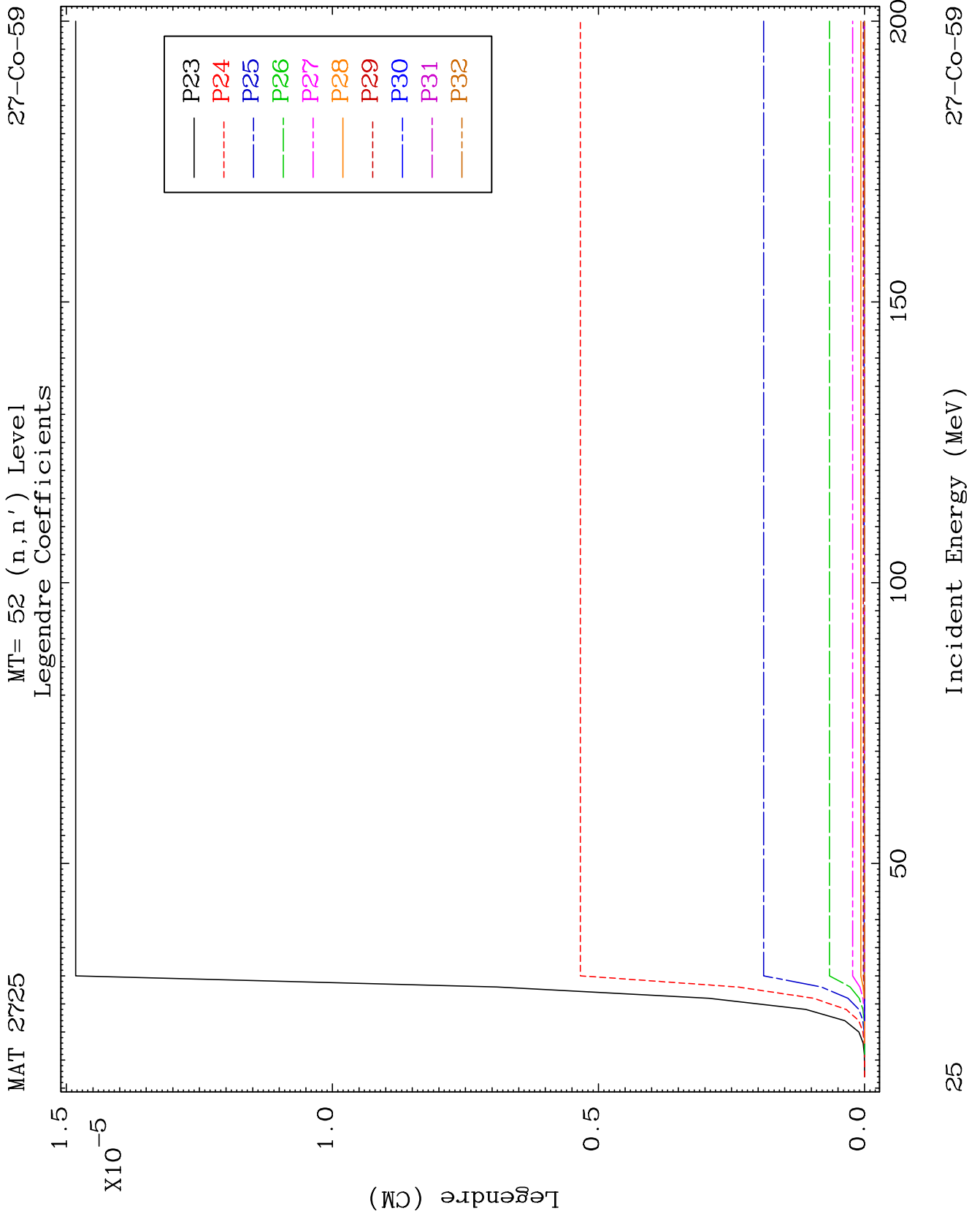
27-Co-59



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Incident Energy (MeV)

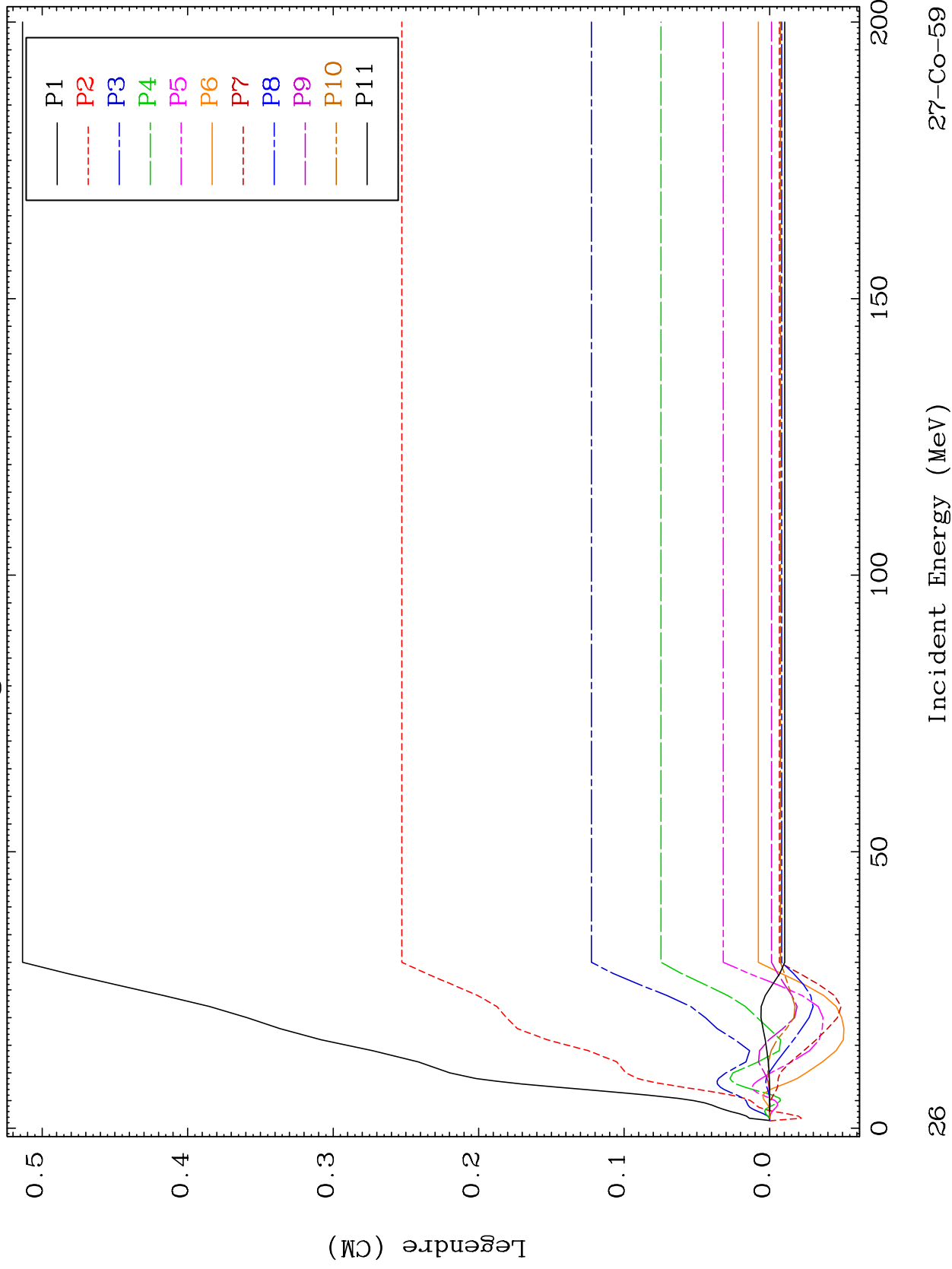
27-Co-59



MAT 2725

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

27-Co-59



27-Co-59

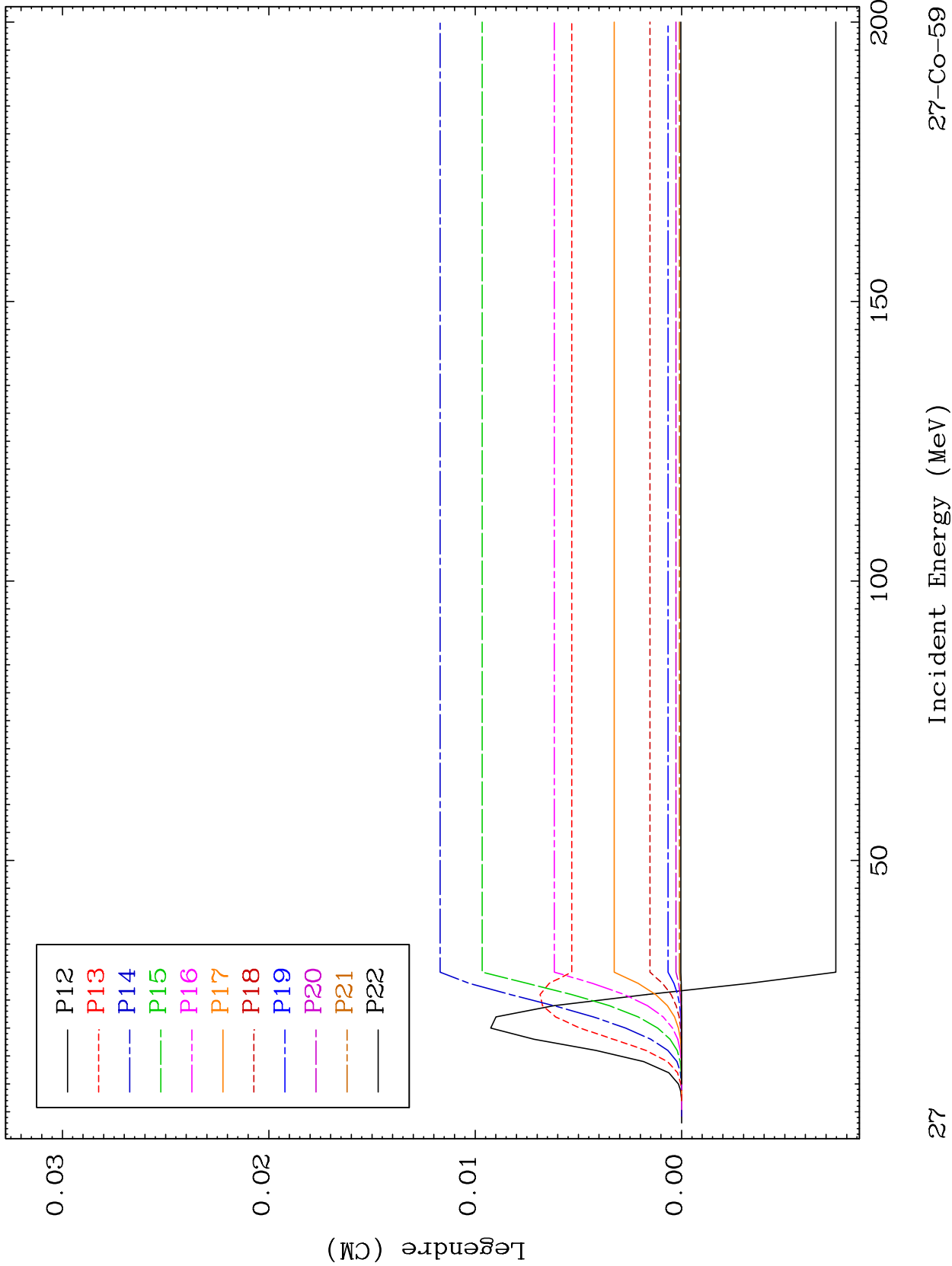
Incident Energy (MeV)

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MAT 2725

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

27-Co-59



27

Incident Energy (MeV)

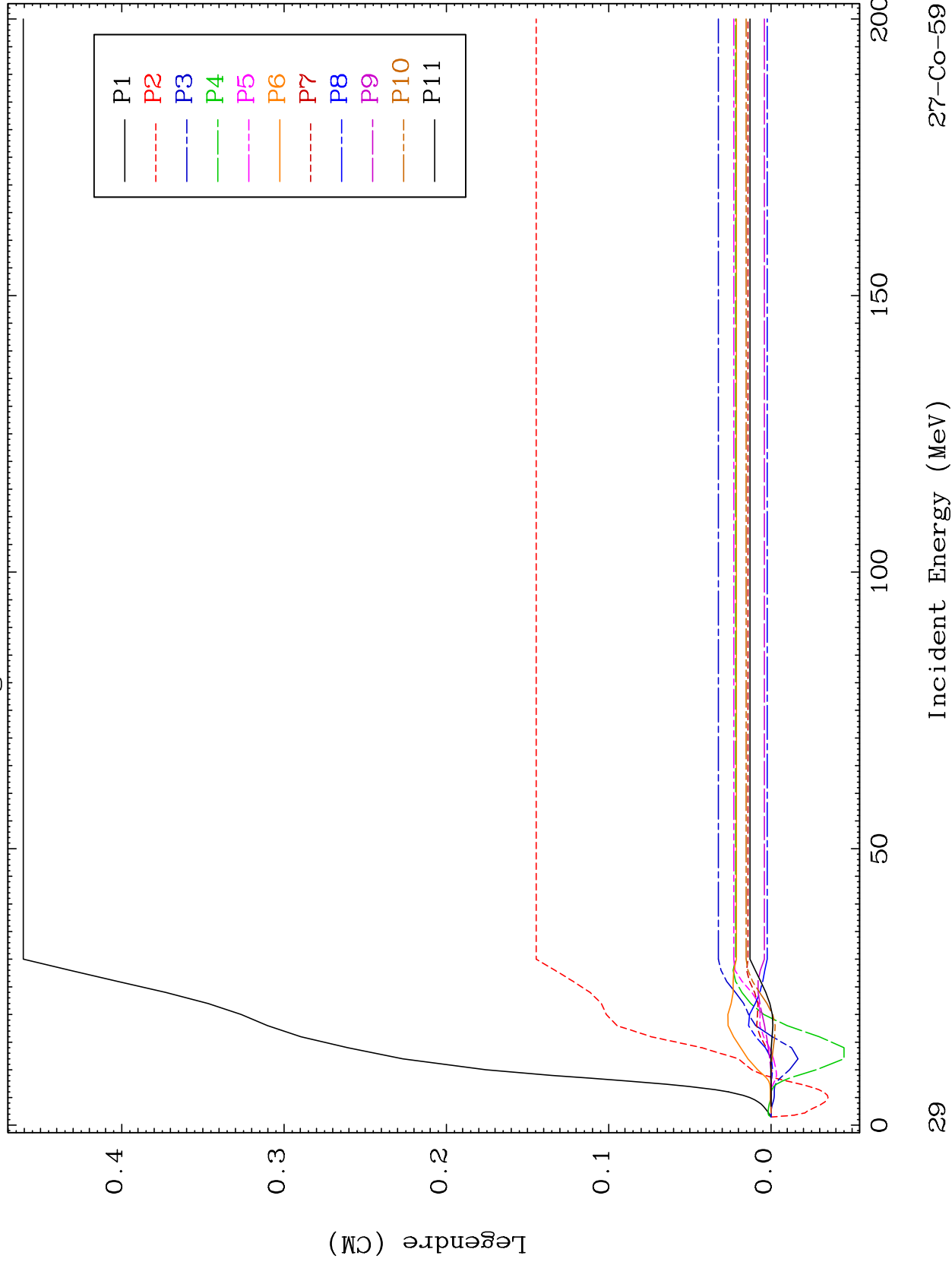
27-Co-59



MAT 2725

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

27-Co-59



27-Co-59

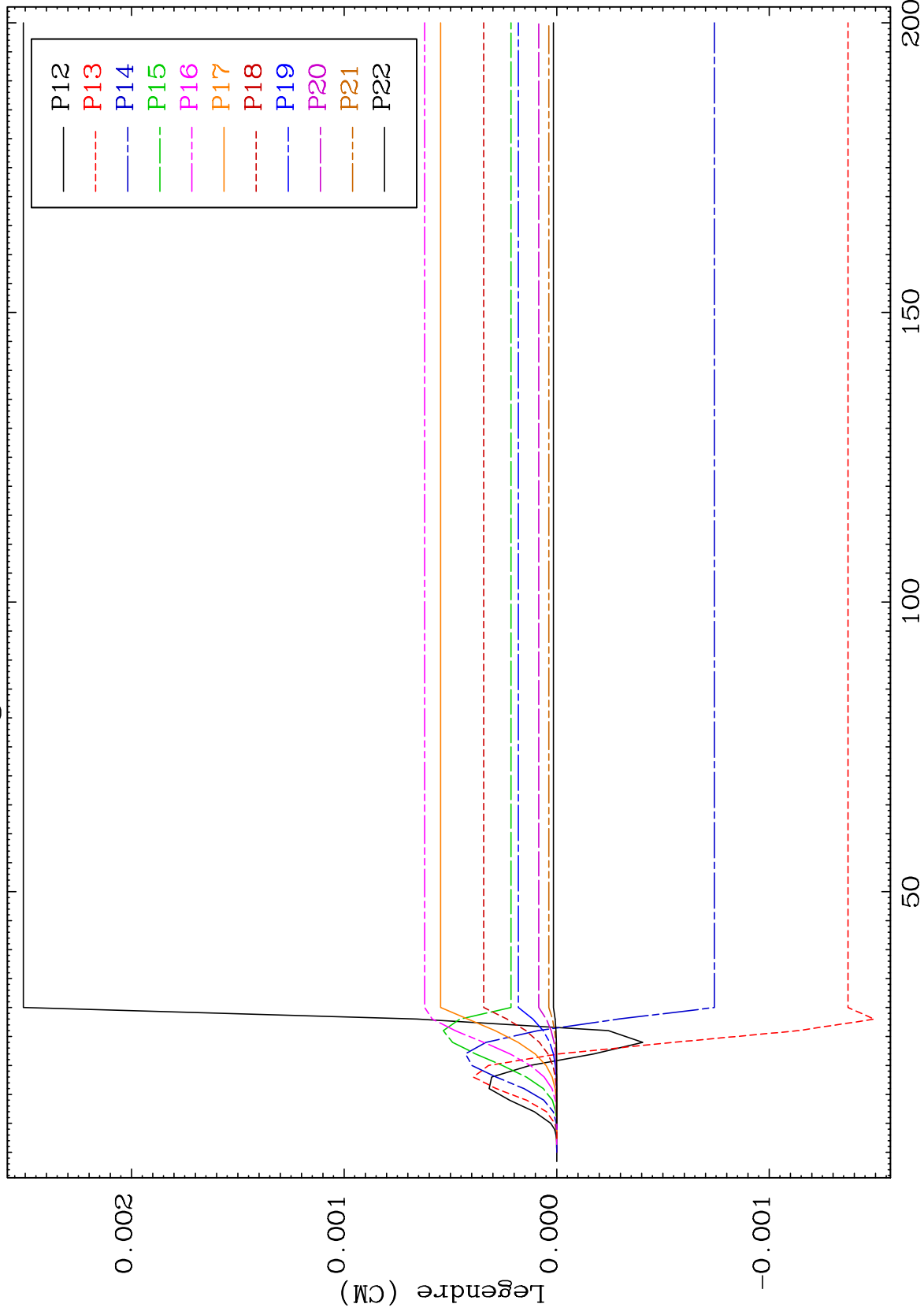
Incident Energy (MeV)

29

MAT 2725

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

27-Co-59



30

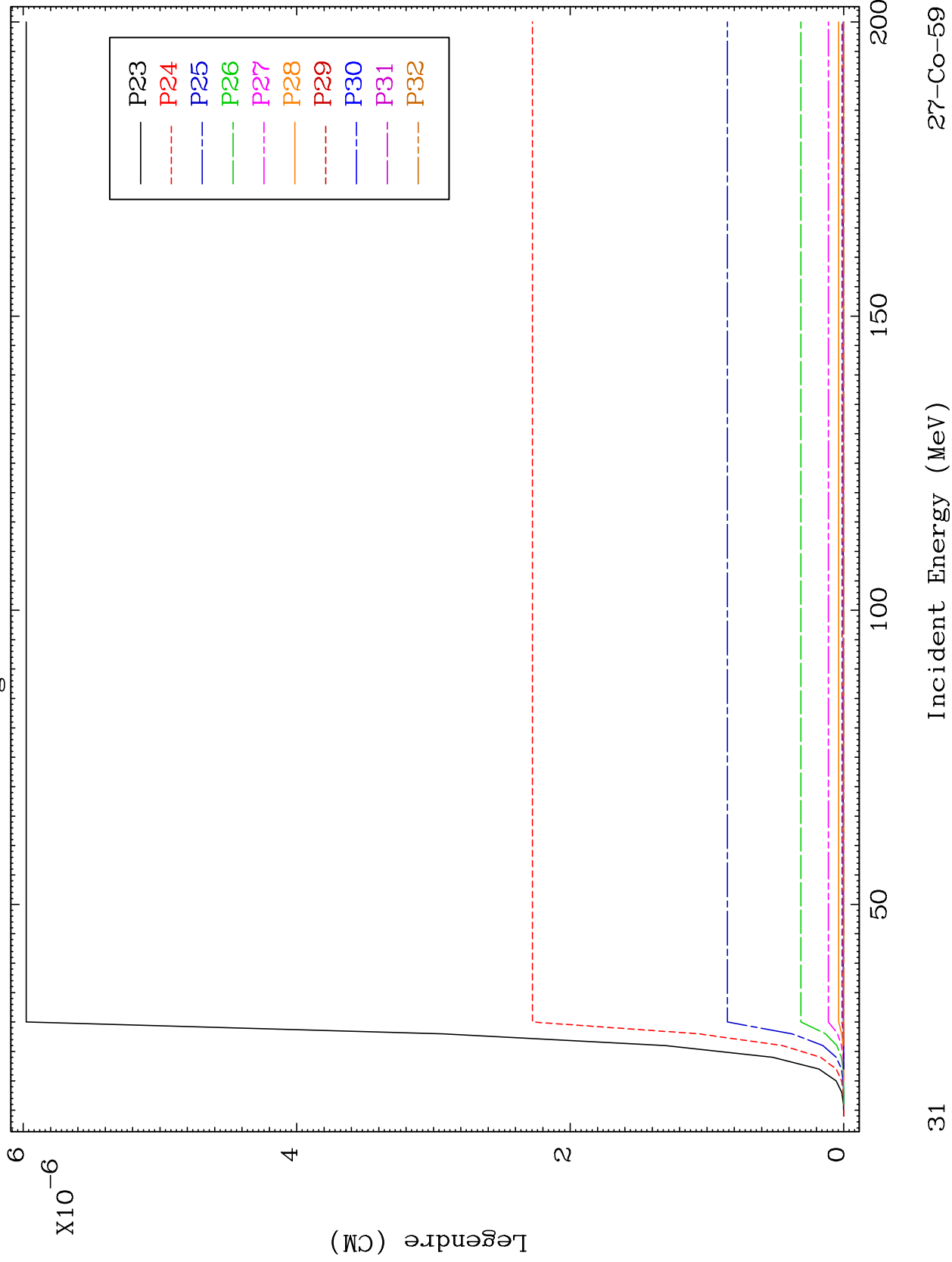
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



31

Incident Energy (MeV)

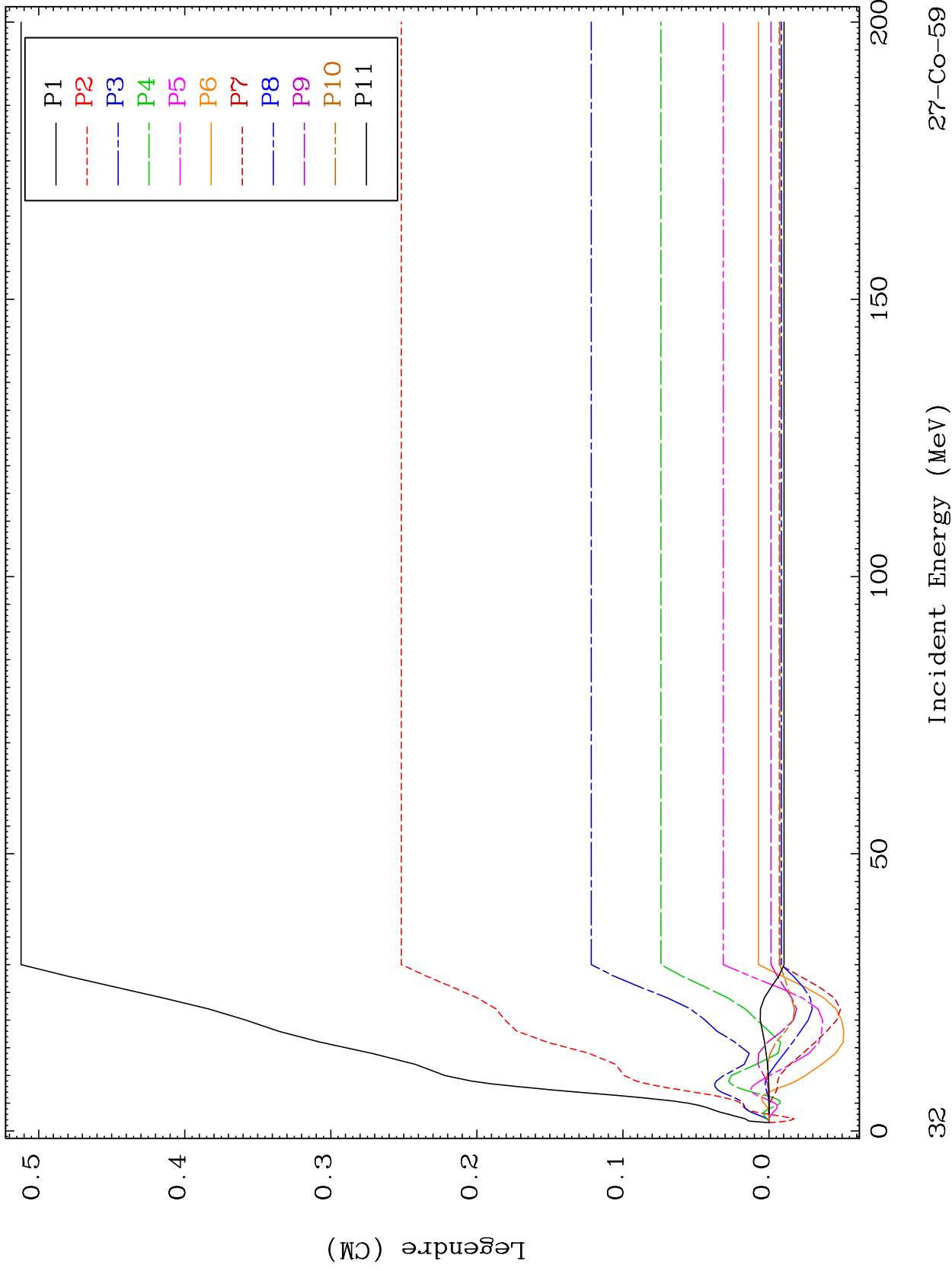
27-Co-59



MAT 2725

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

27-Co-59



27-Co-59

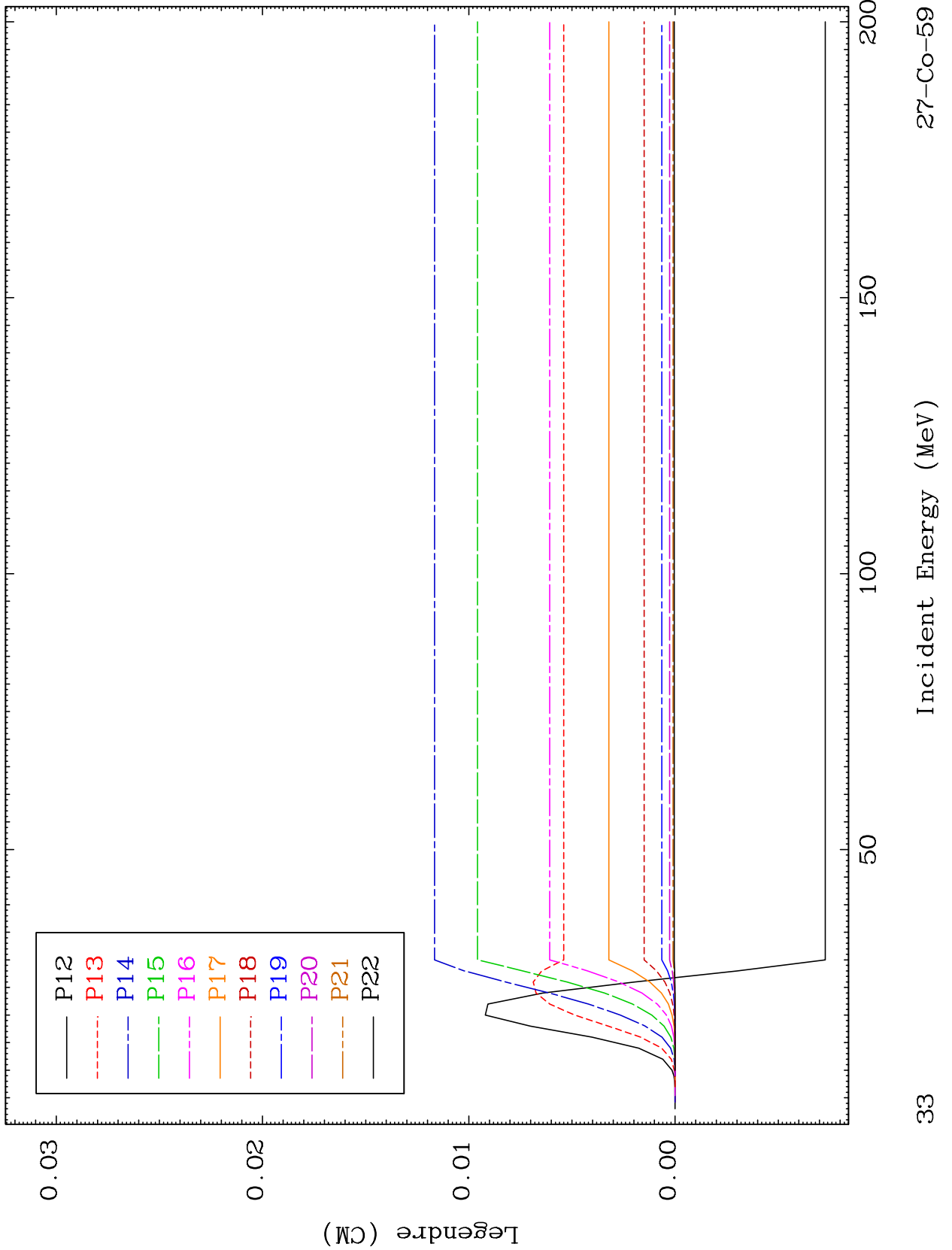
Incident Energy (MeV)

32

MAT 2725

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

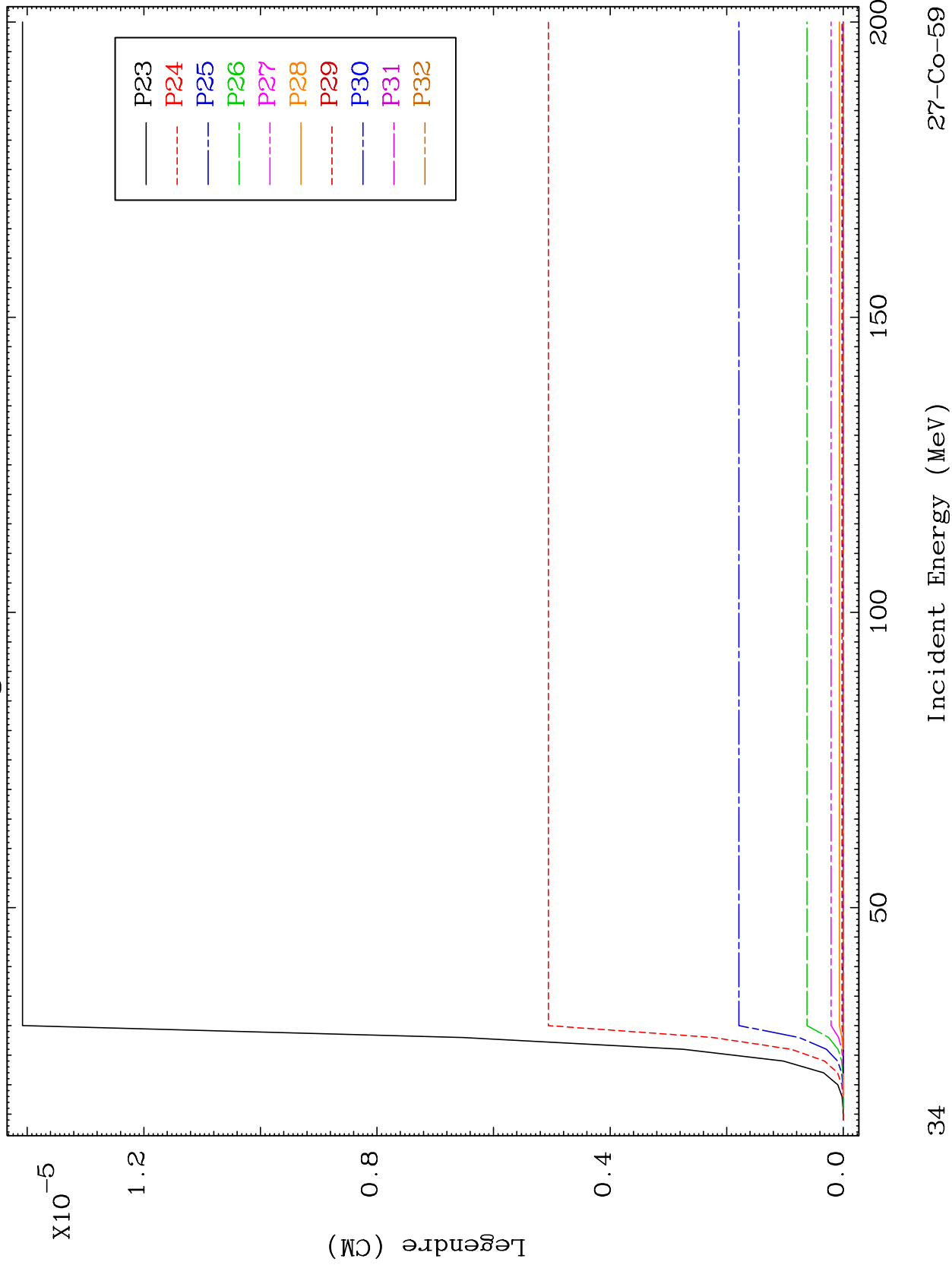
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MAT 2725

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

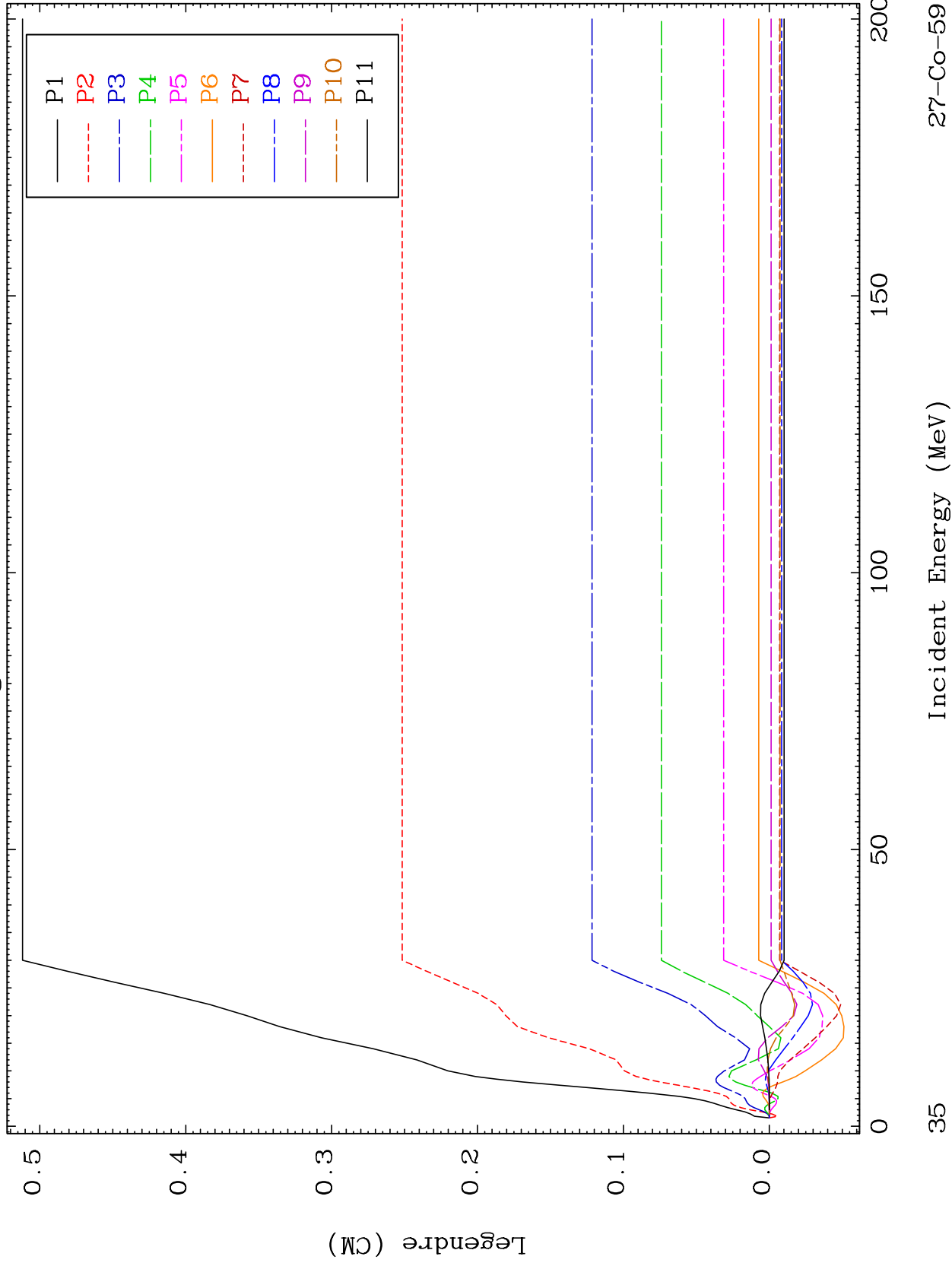
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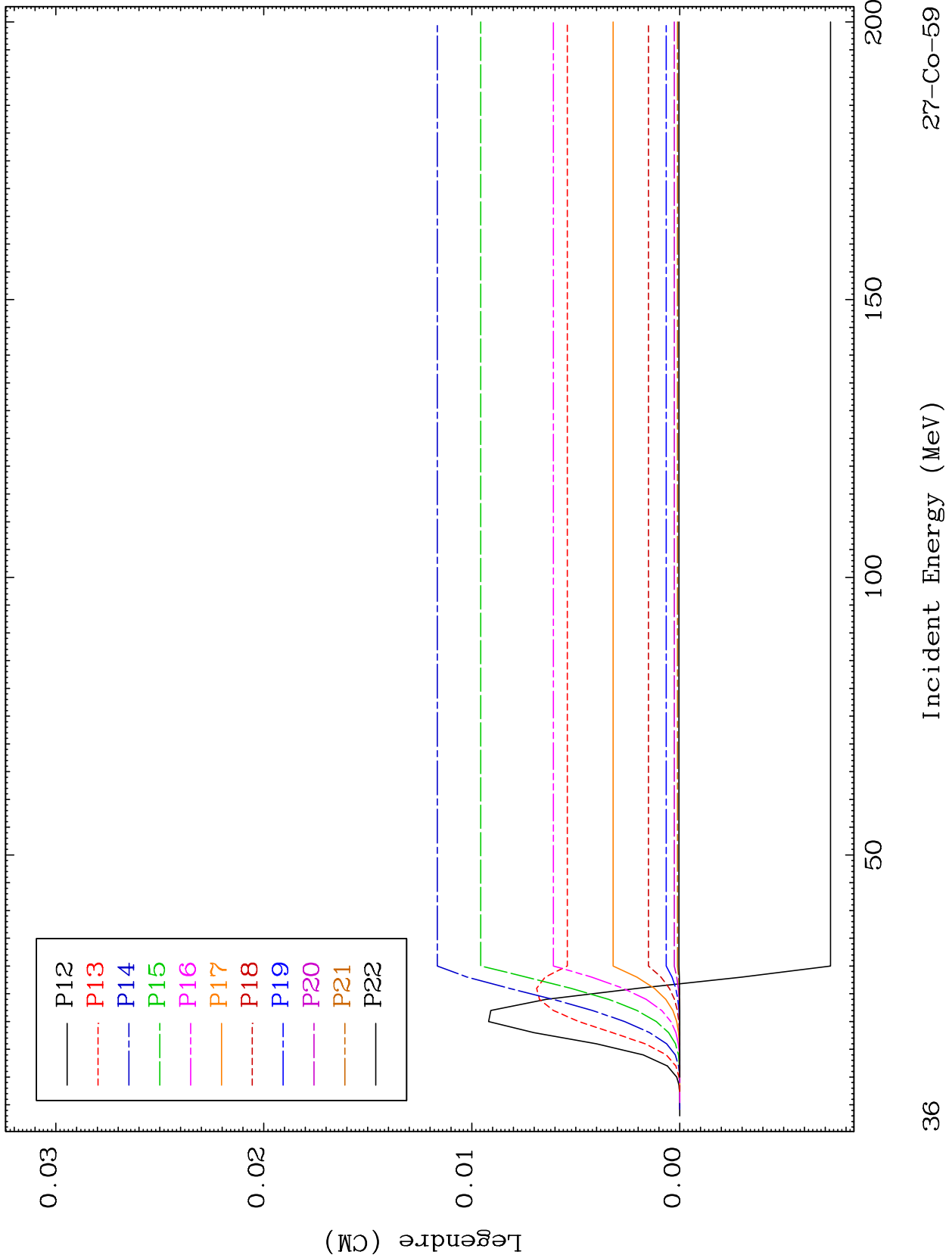
MAT 2725

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

27-Co-59



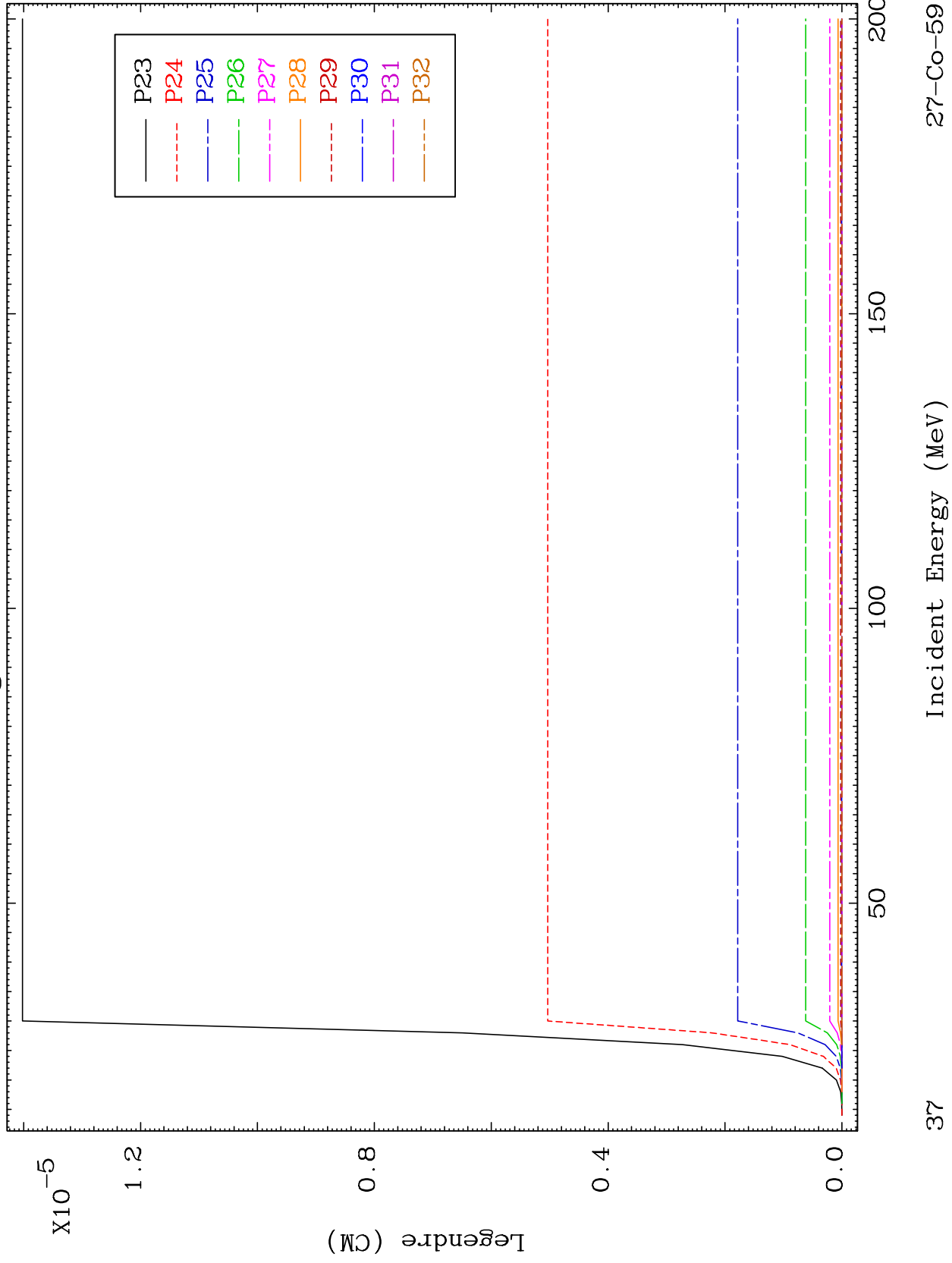
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MAT 2725

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

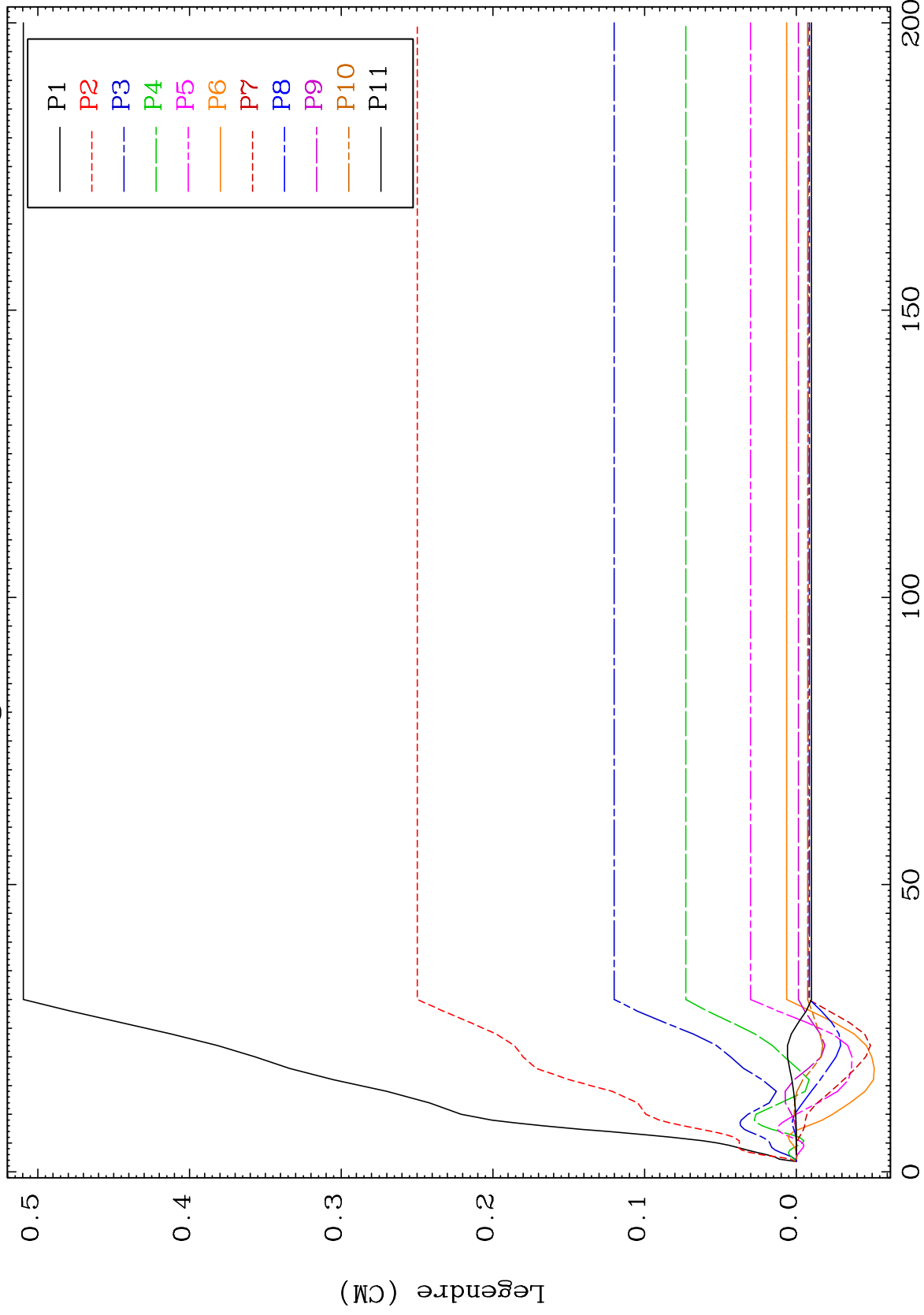
27-Co-59



MAT 2725

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

27-Co-59



27-Co-59

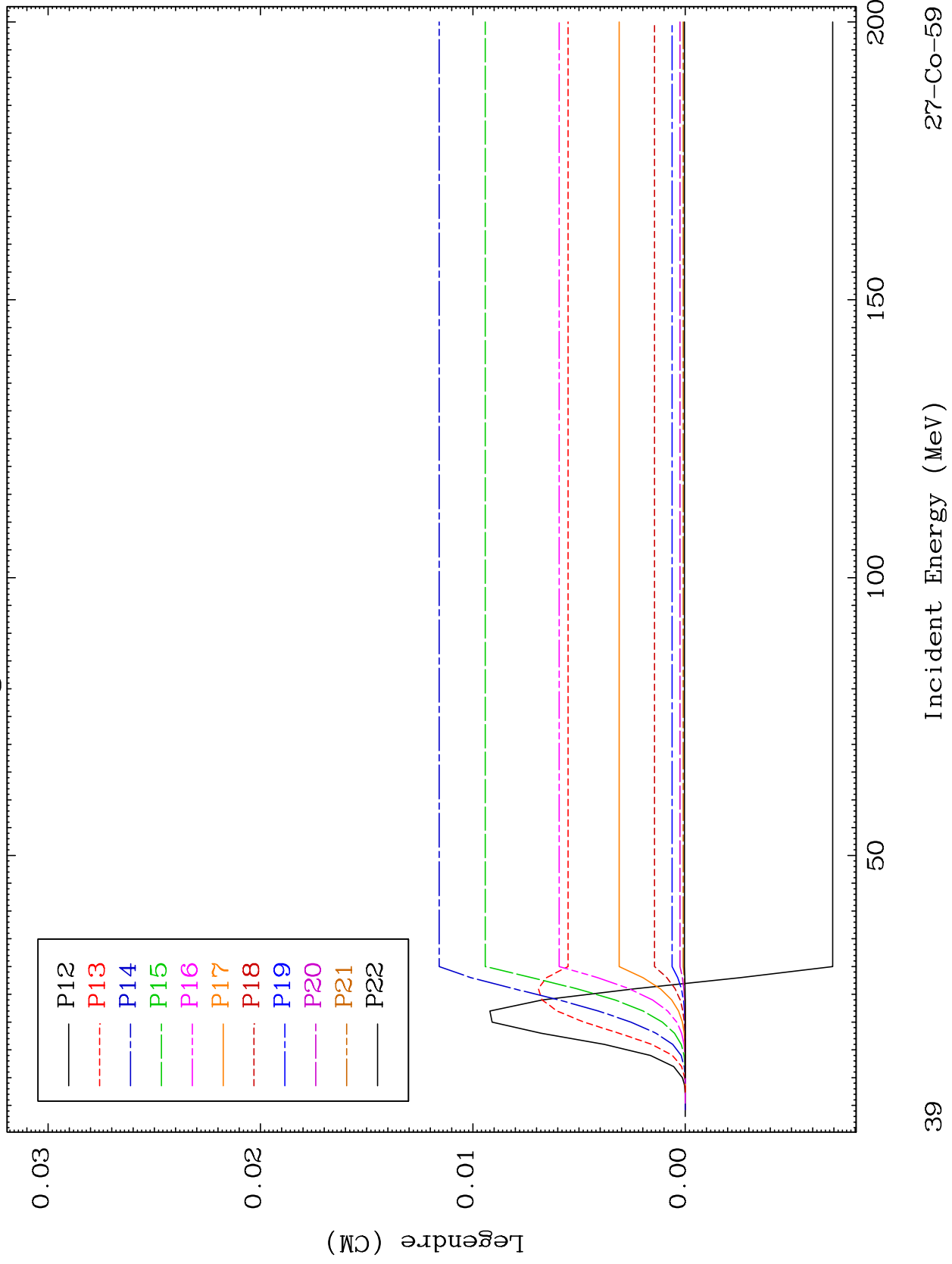
Incident Energy (MeV)

38

MAT 2725

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

27-Co-59



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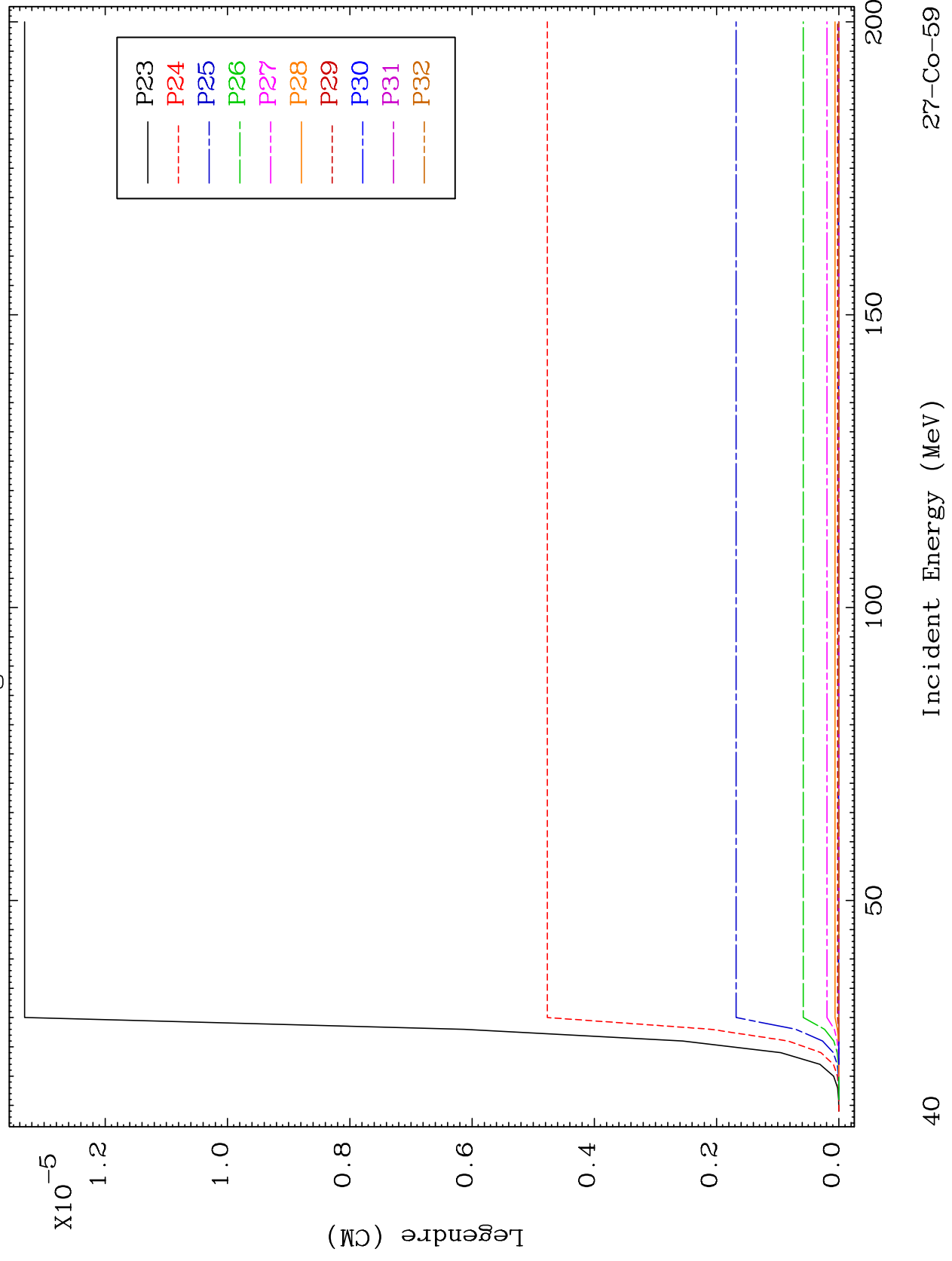
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MAT 2725

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

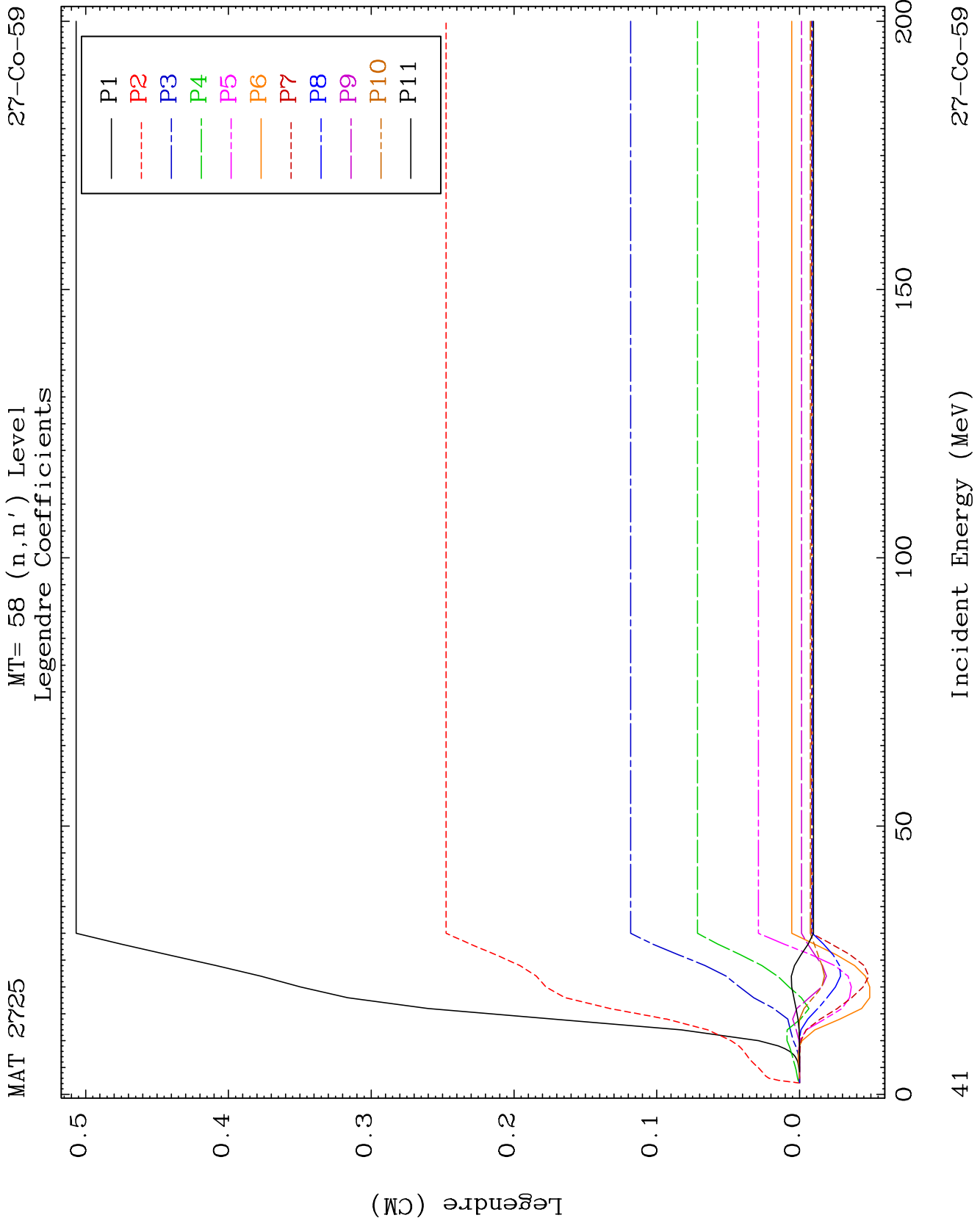
27-Co-59



27-Co-59

Incident Energy (MeV)

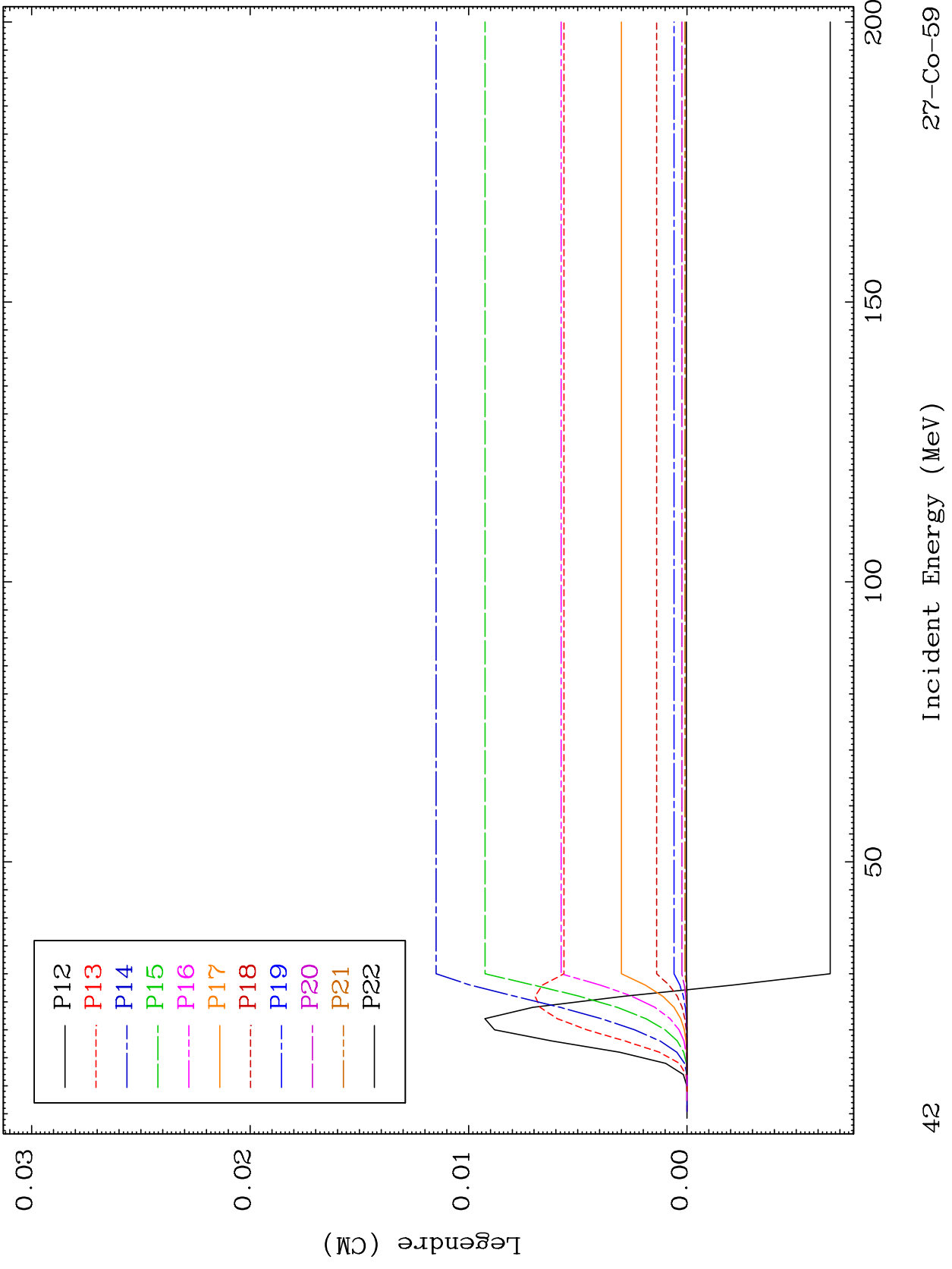
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MAT 2725

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

27-Co-59



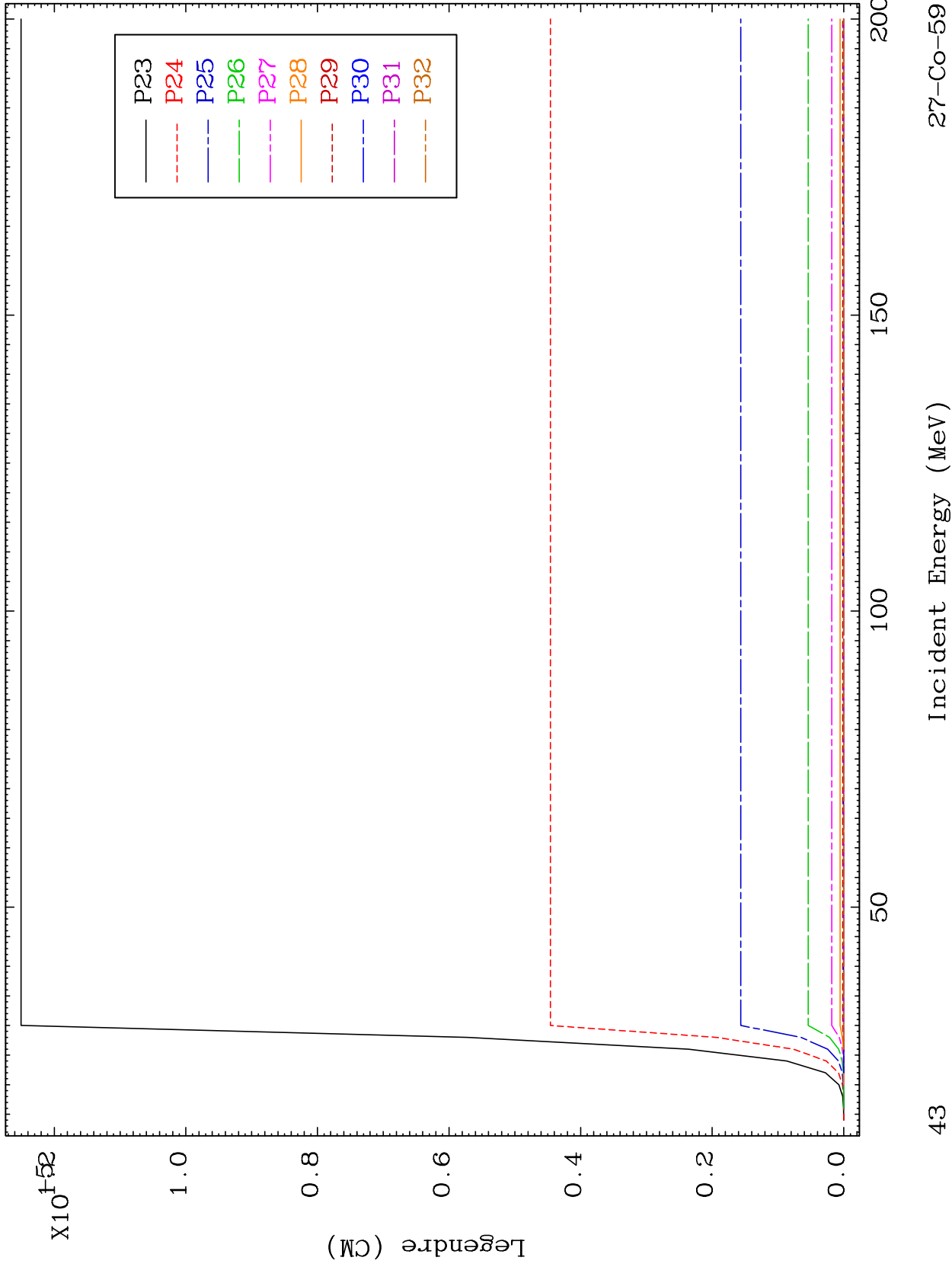
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27-Co-59

MAT 2725

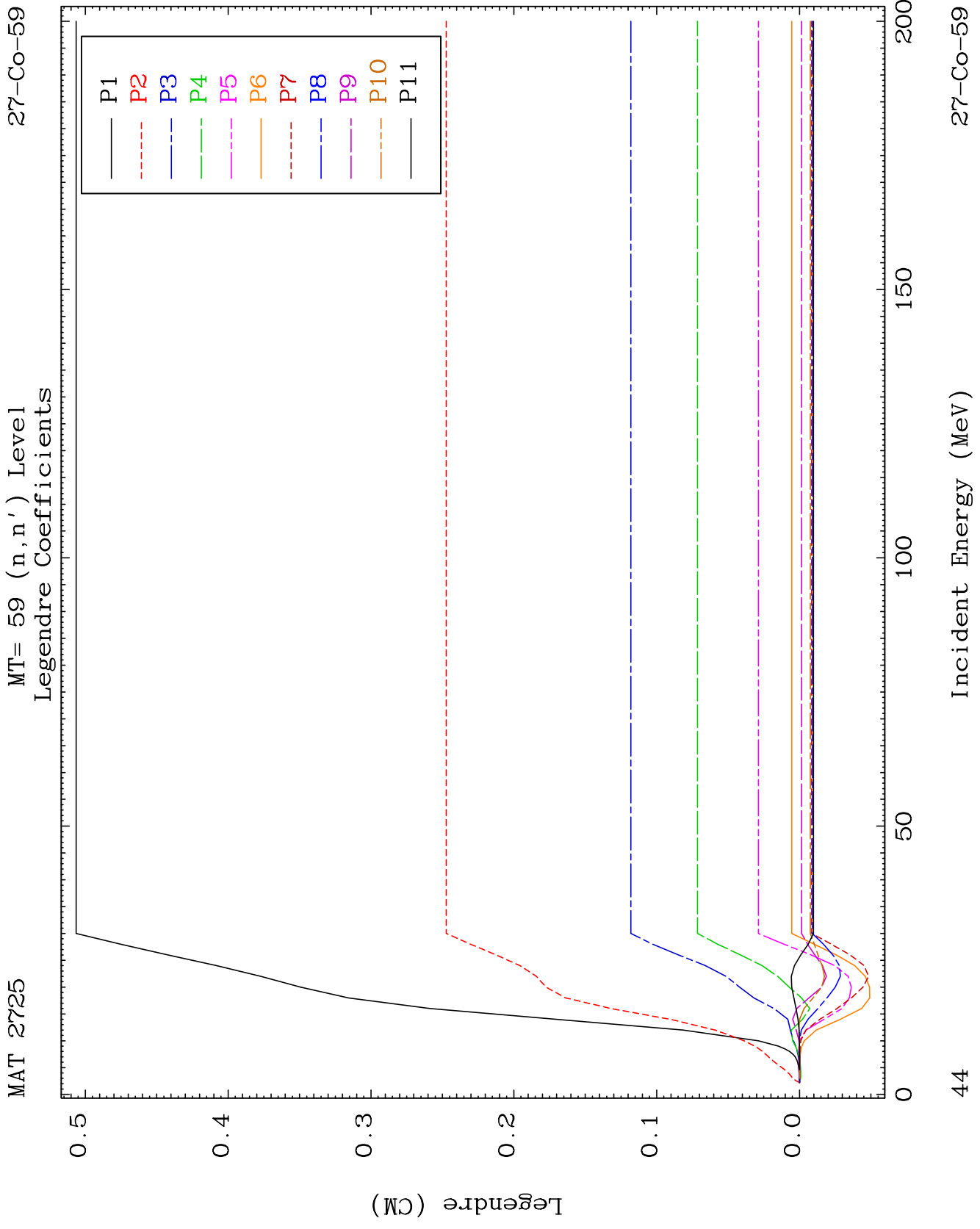
MT= 58 (n,n') Level  
Legendre Coefficients

27-Co-59



43

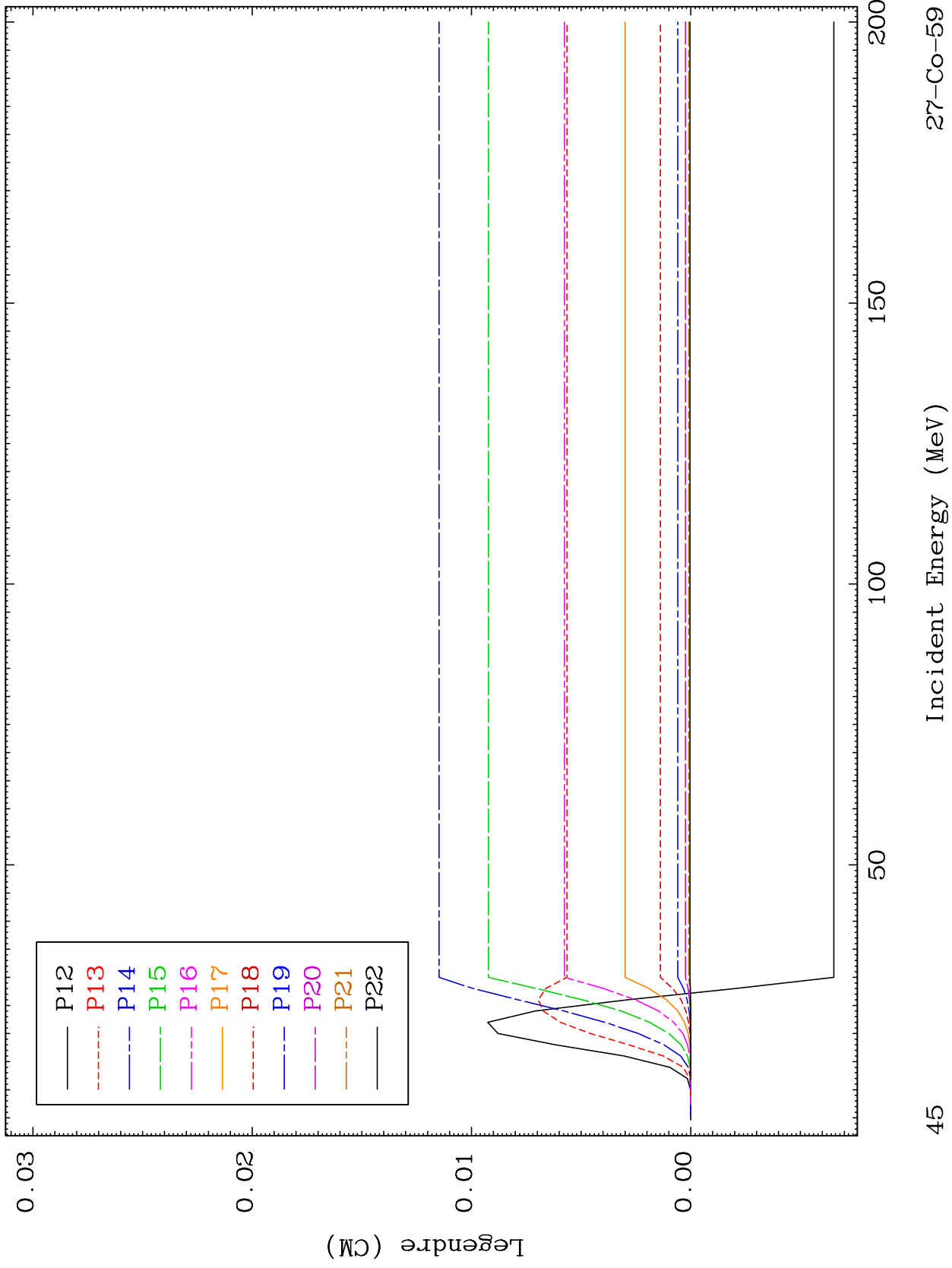
27-Co-59



MAT 2725

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

27-Co-59



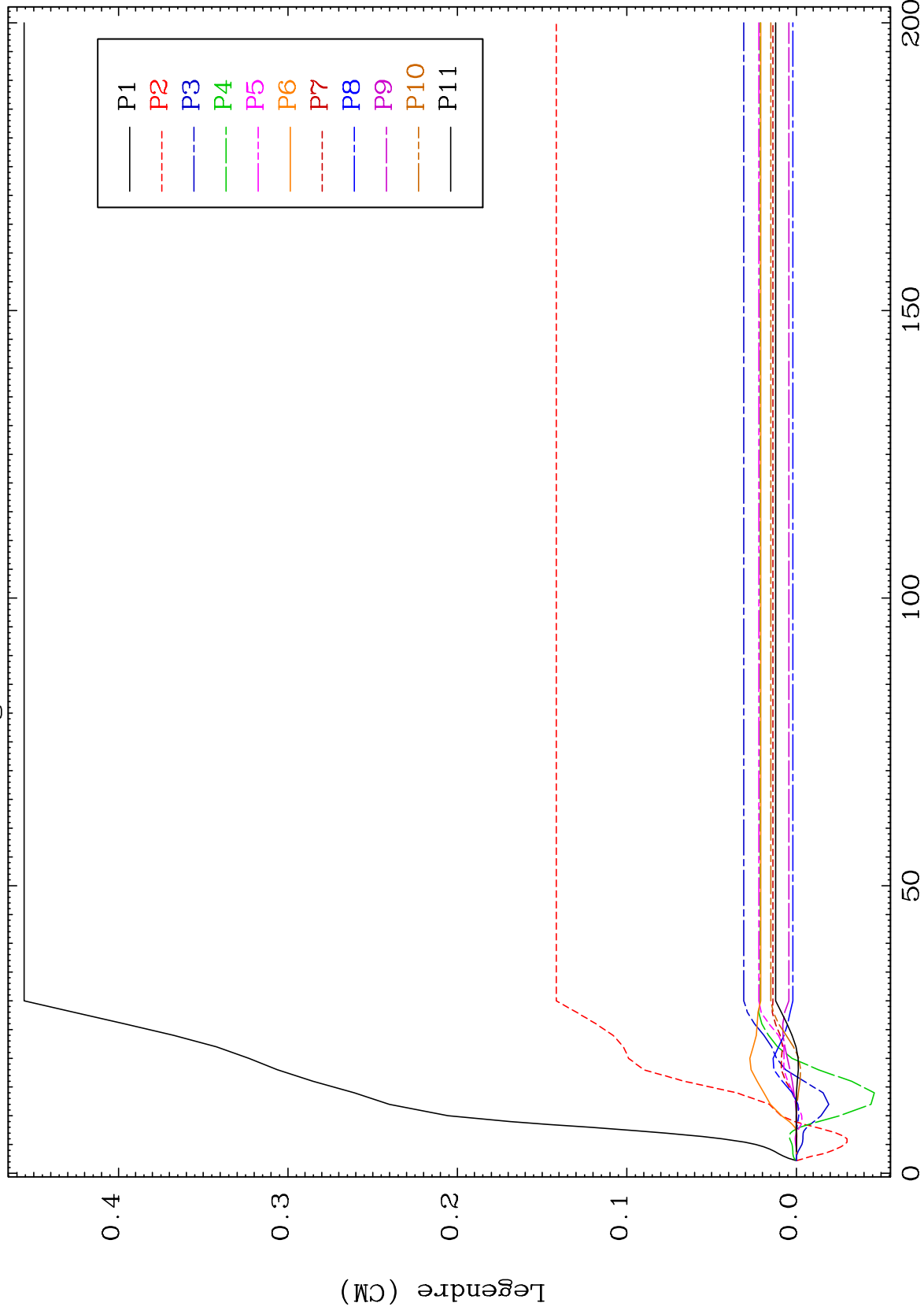
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MAT 2725

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

27-Co-59



47

Incident Energy (MeV)

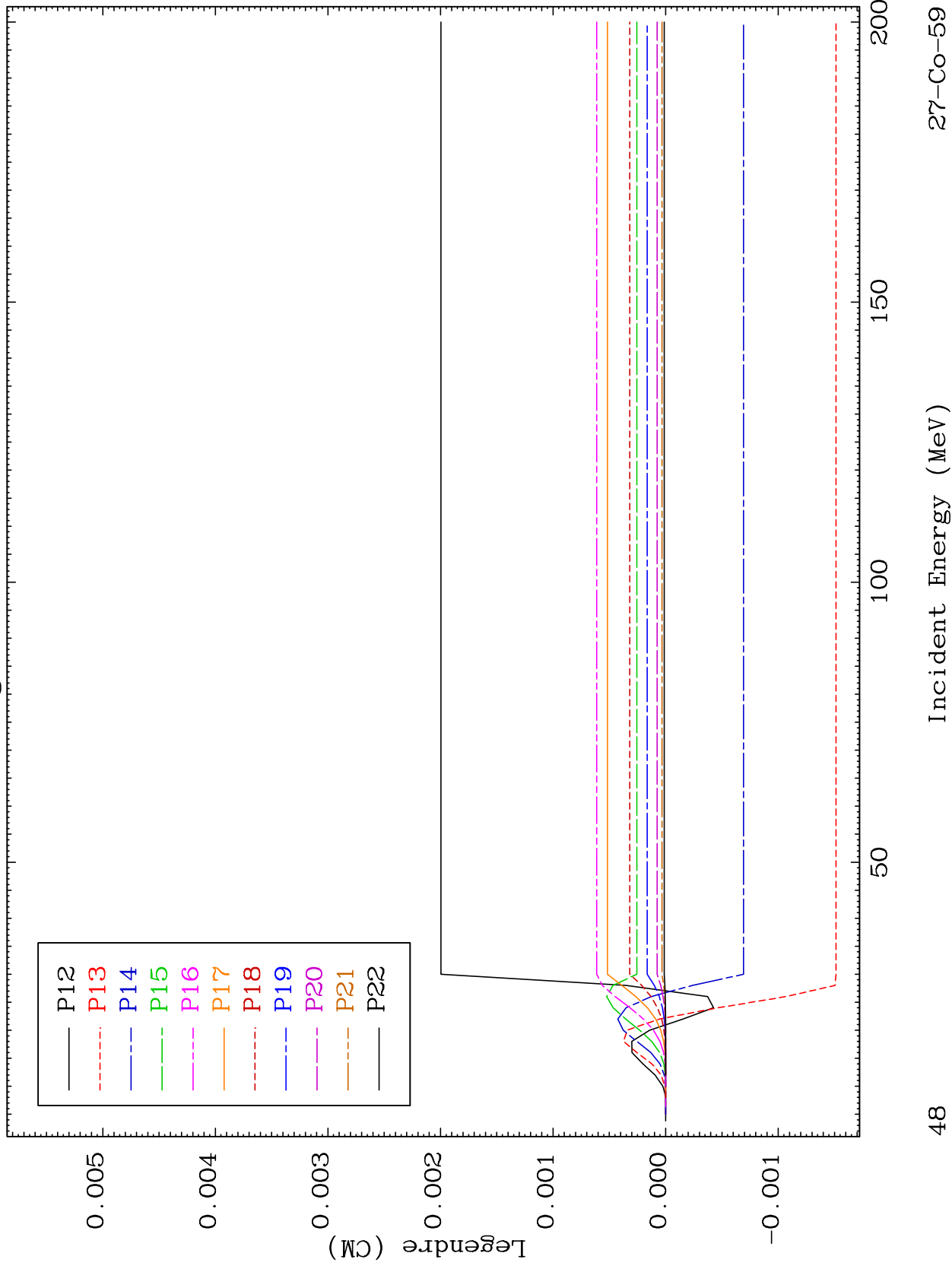
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MAT 2725

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

27-Co-59



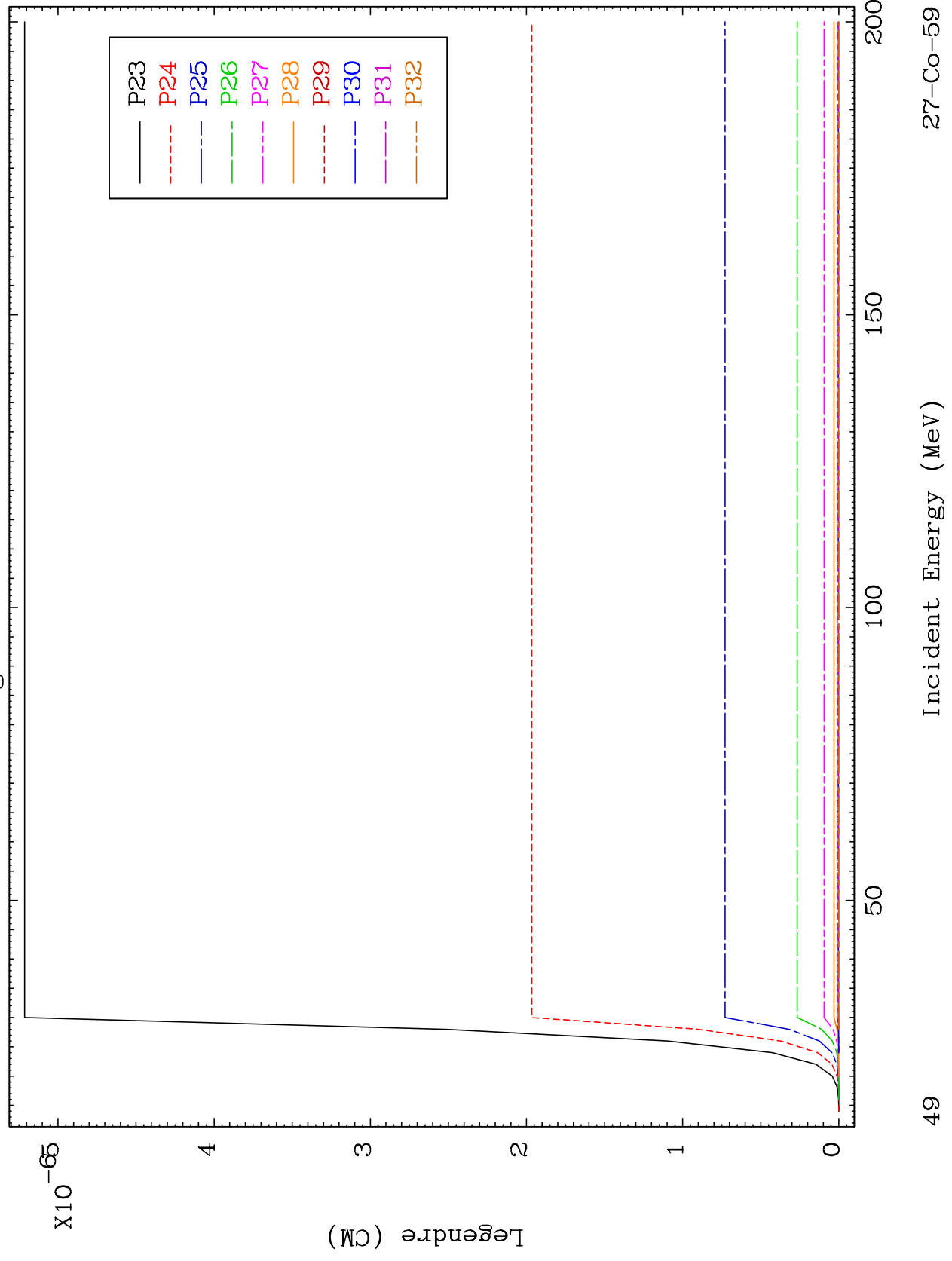
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27-Co-59

MAT 2725

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

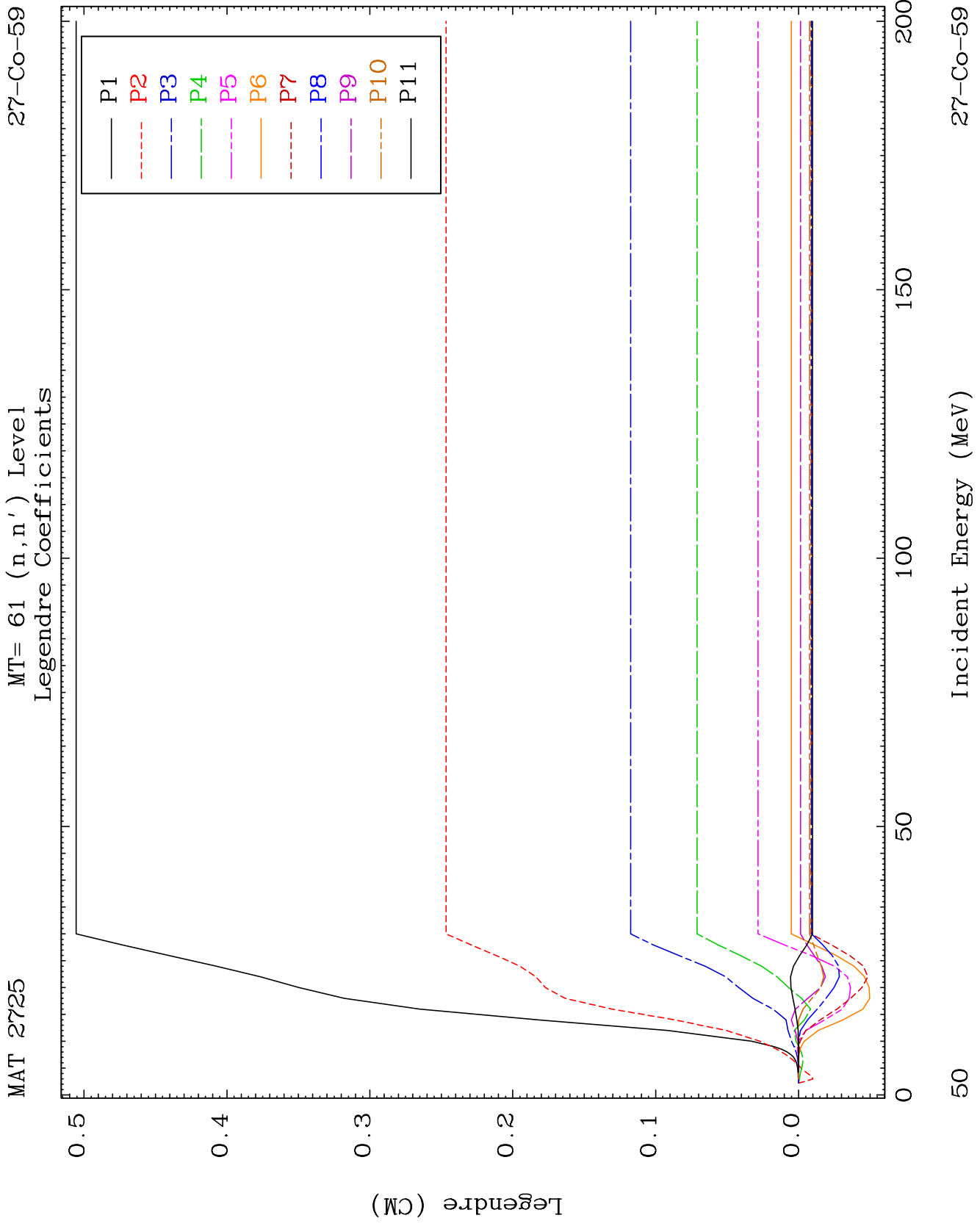
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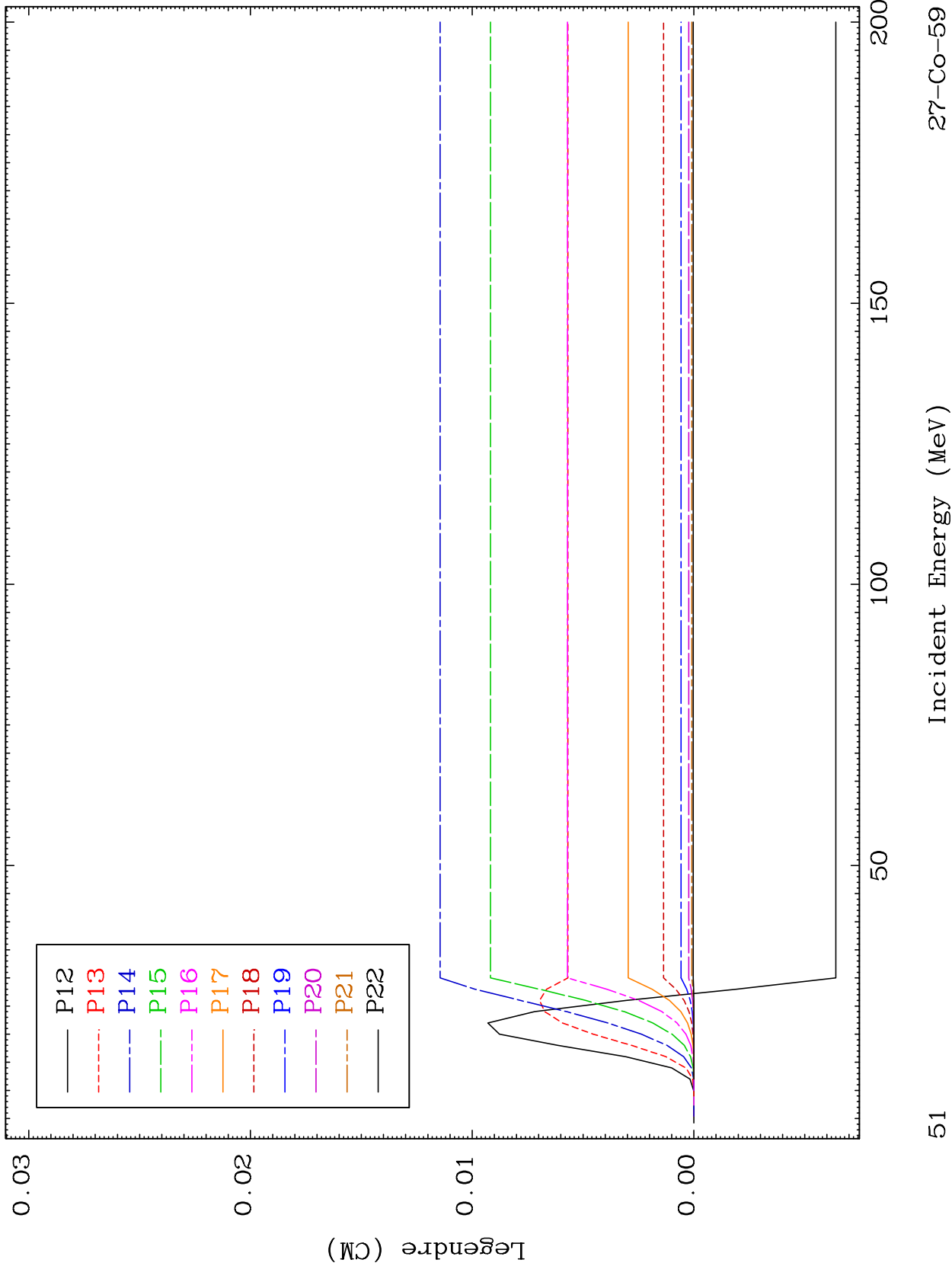


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Incident Energy (MeV)

27-Co-59

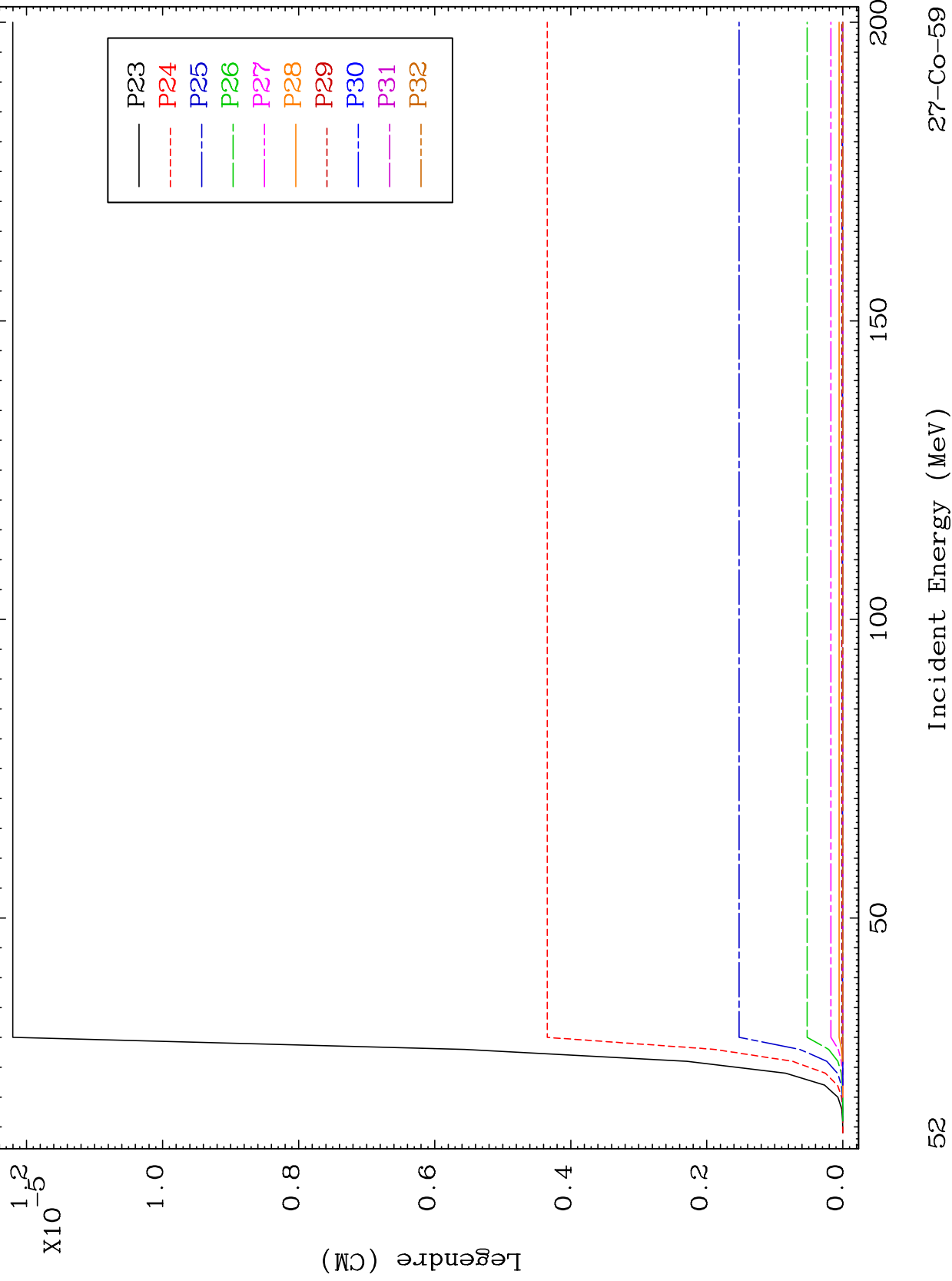




MAT 2725

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

27-Co-59



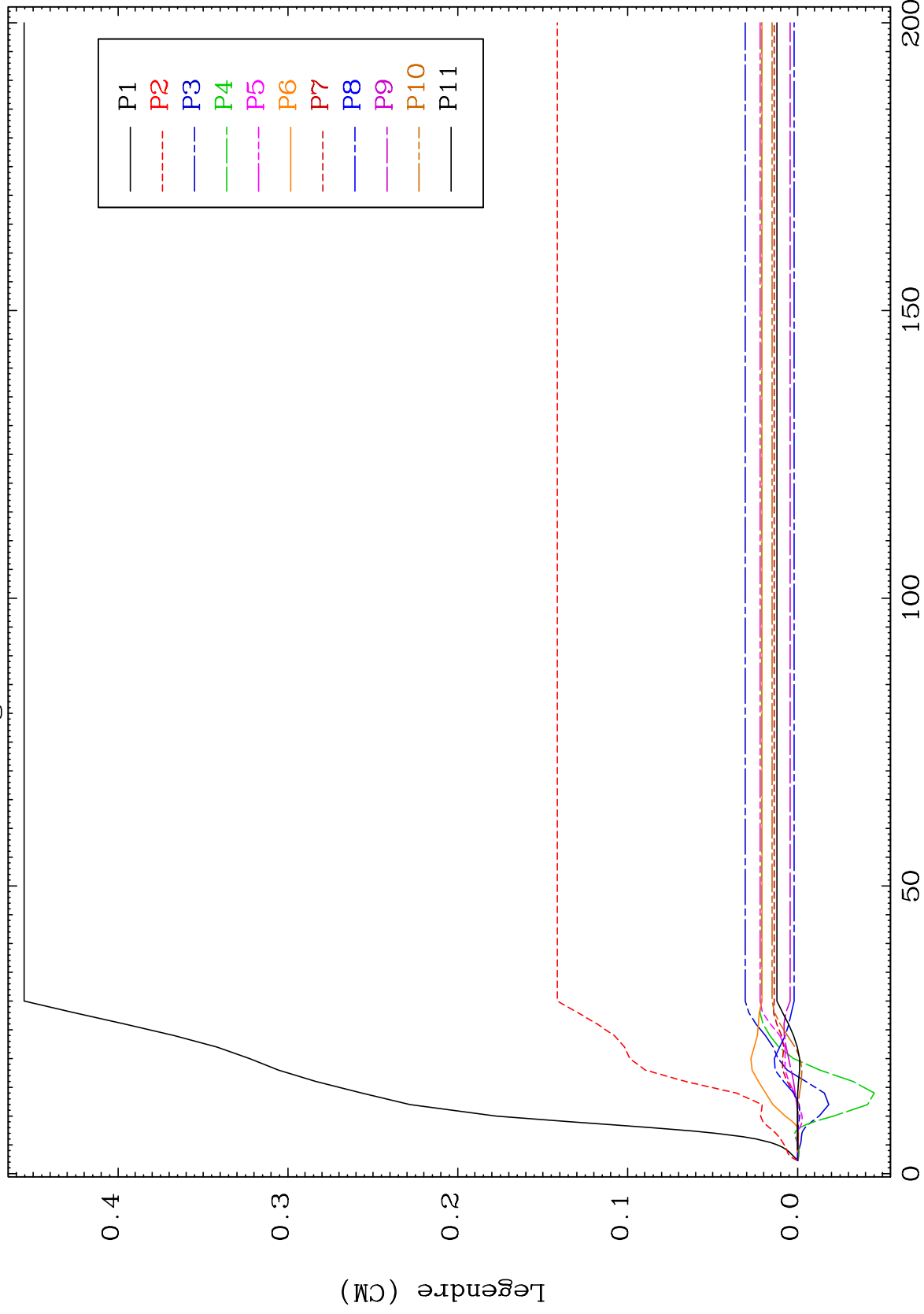
52

27-Co-59

MAT 2725

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

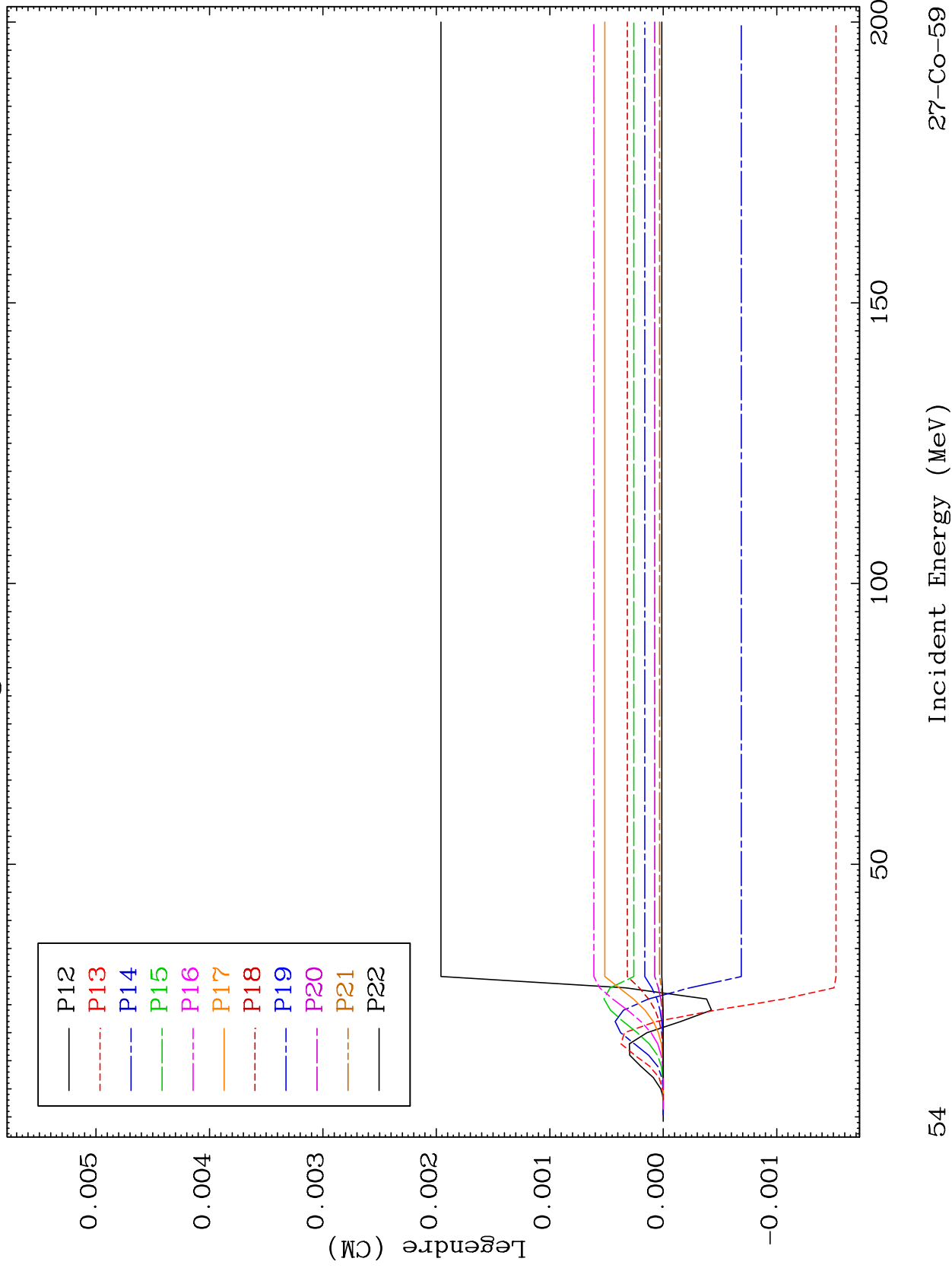
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53

Incident Energy (MeV)

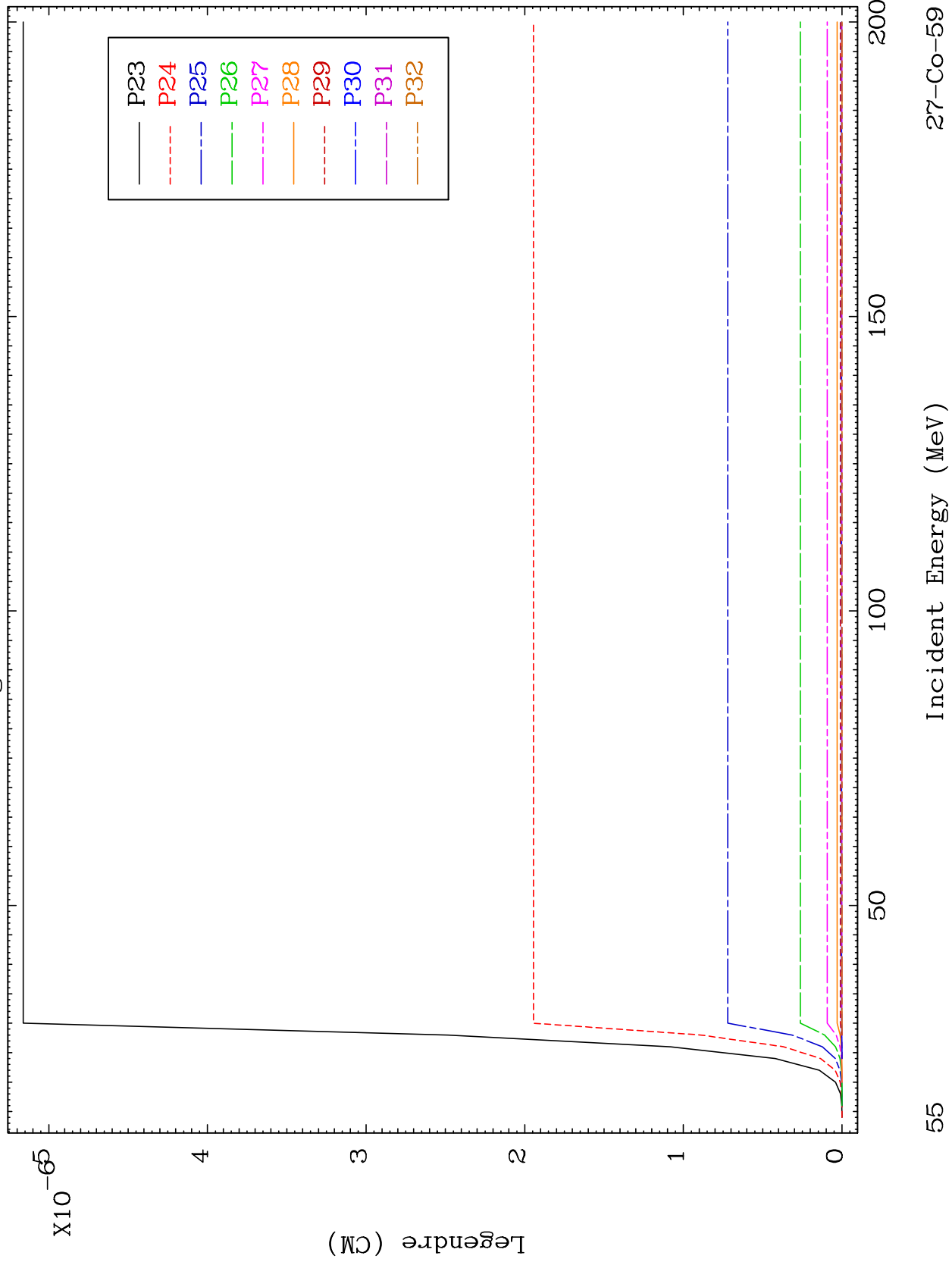
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MAT 2725

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

27-Co-59

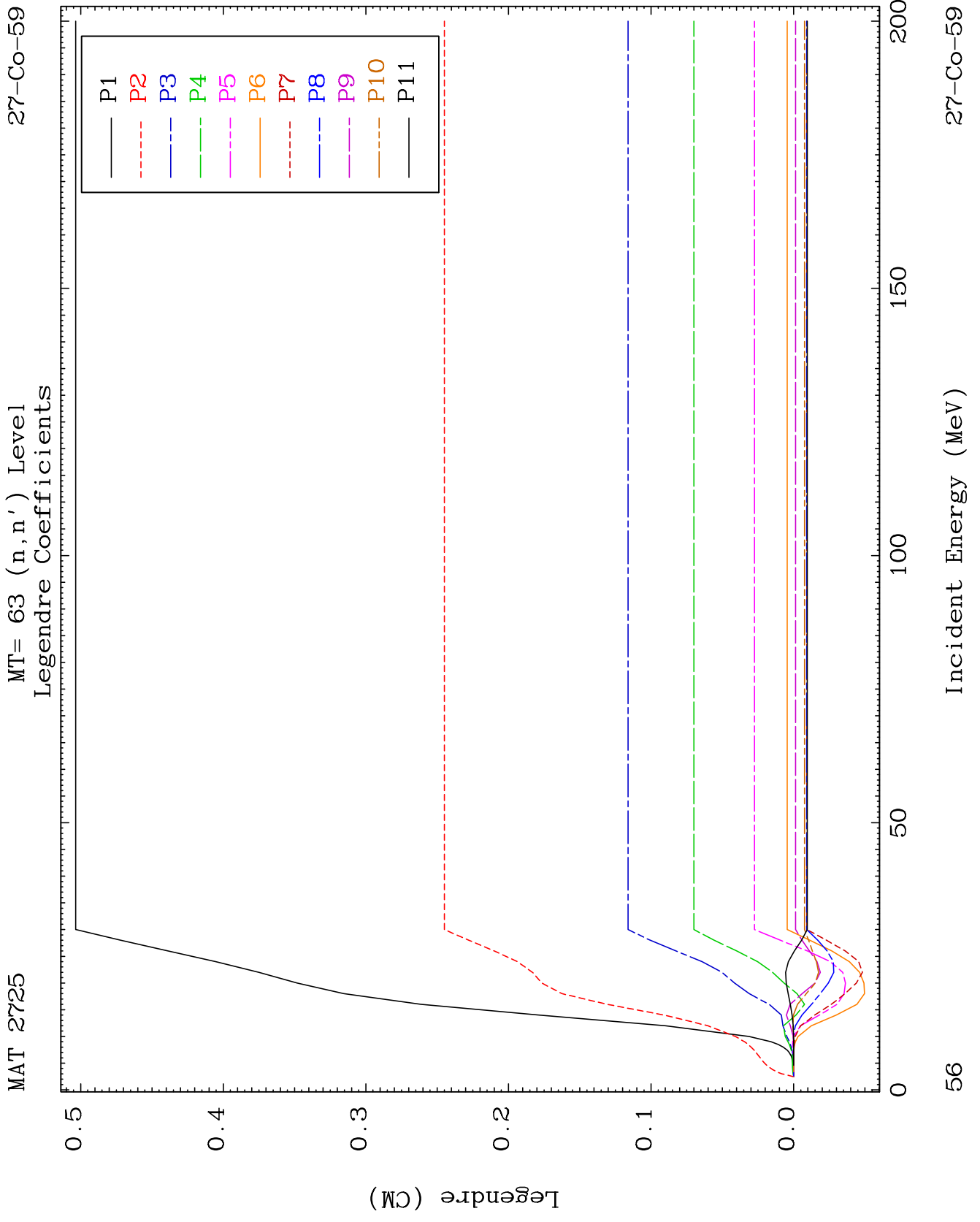


55

Incident Energy (MeV)

27-Co-59

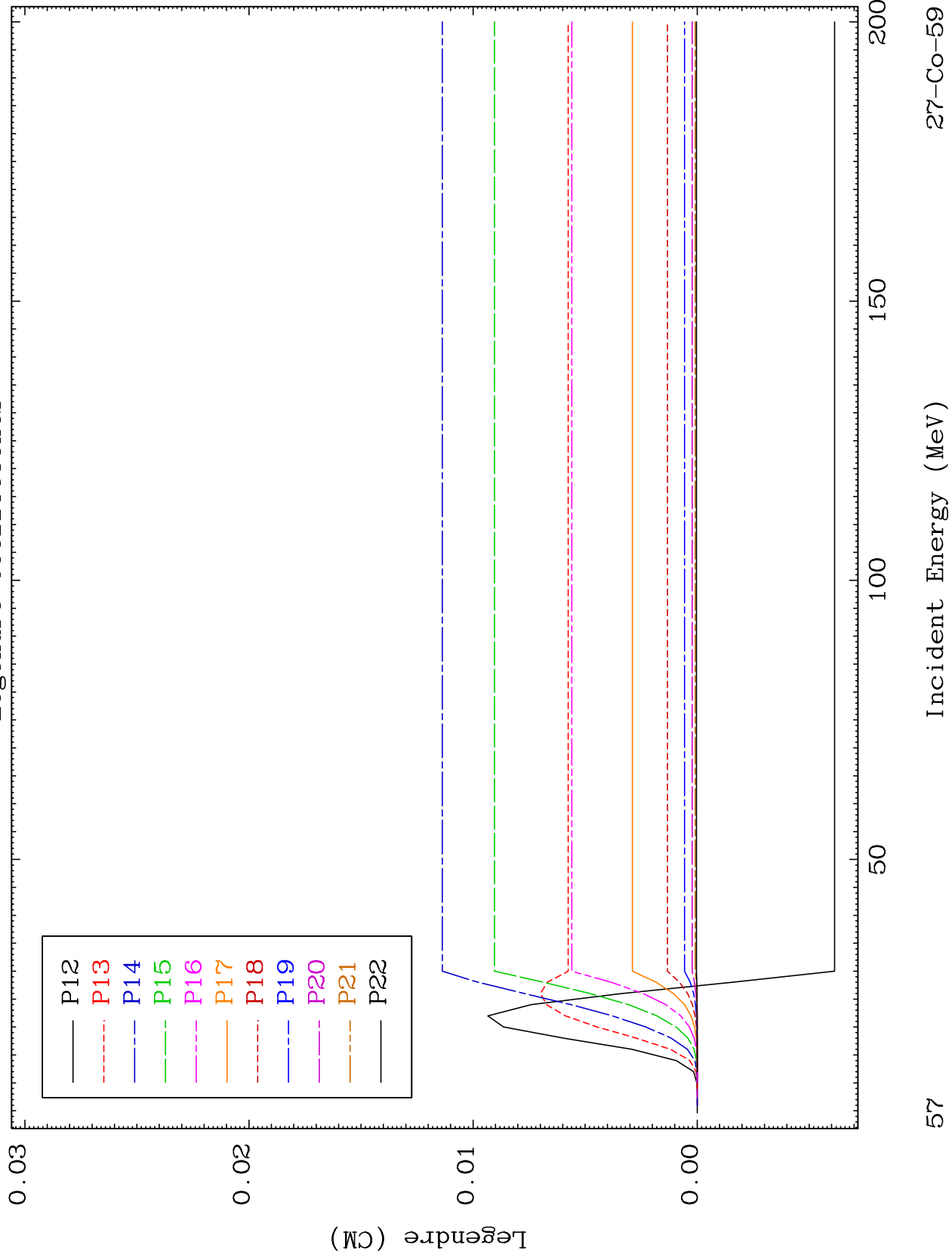




MAT 2725

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

27-Co-59



57

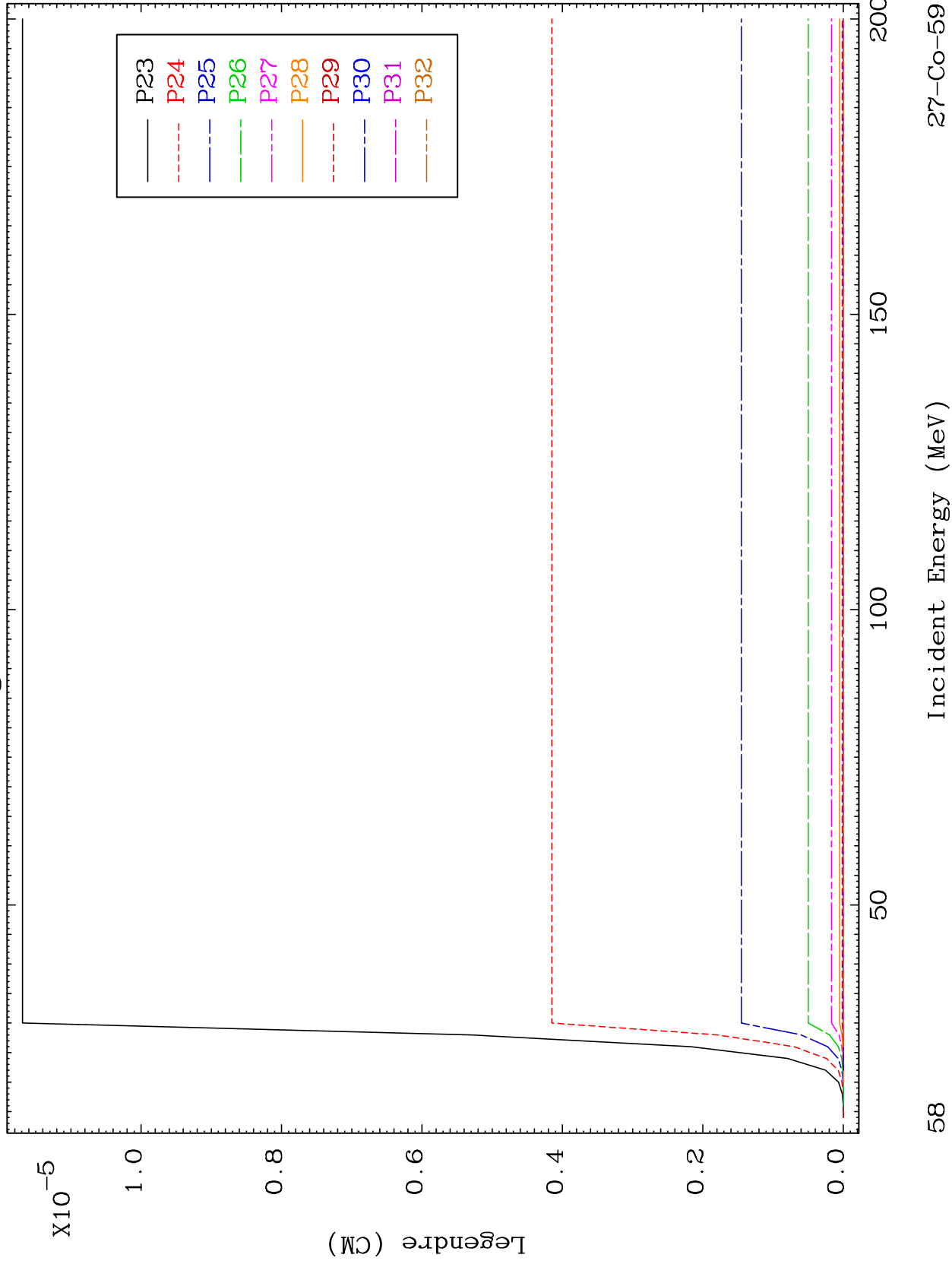
Incident Energy (MeV)

27-Co-59

MAT 2725

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

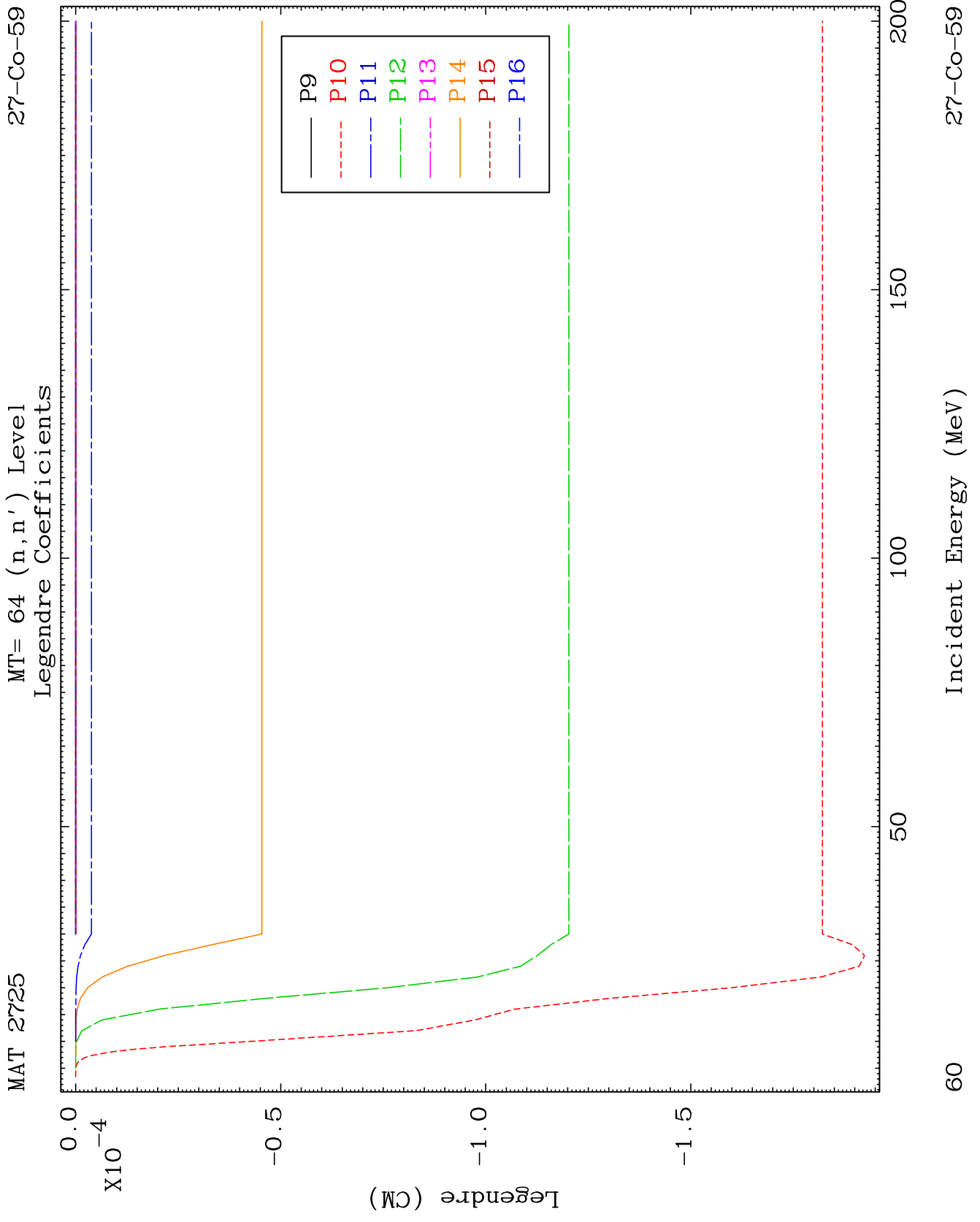
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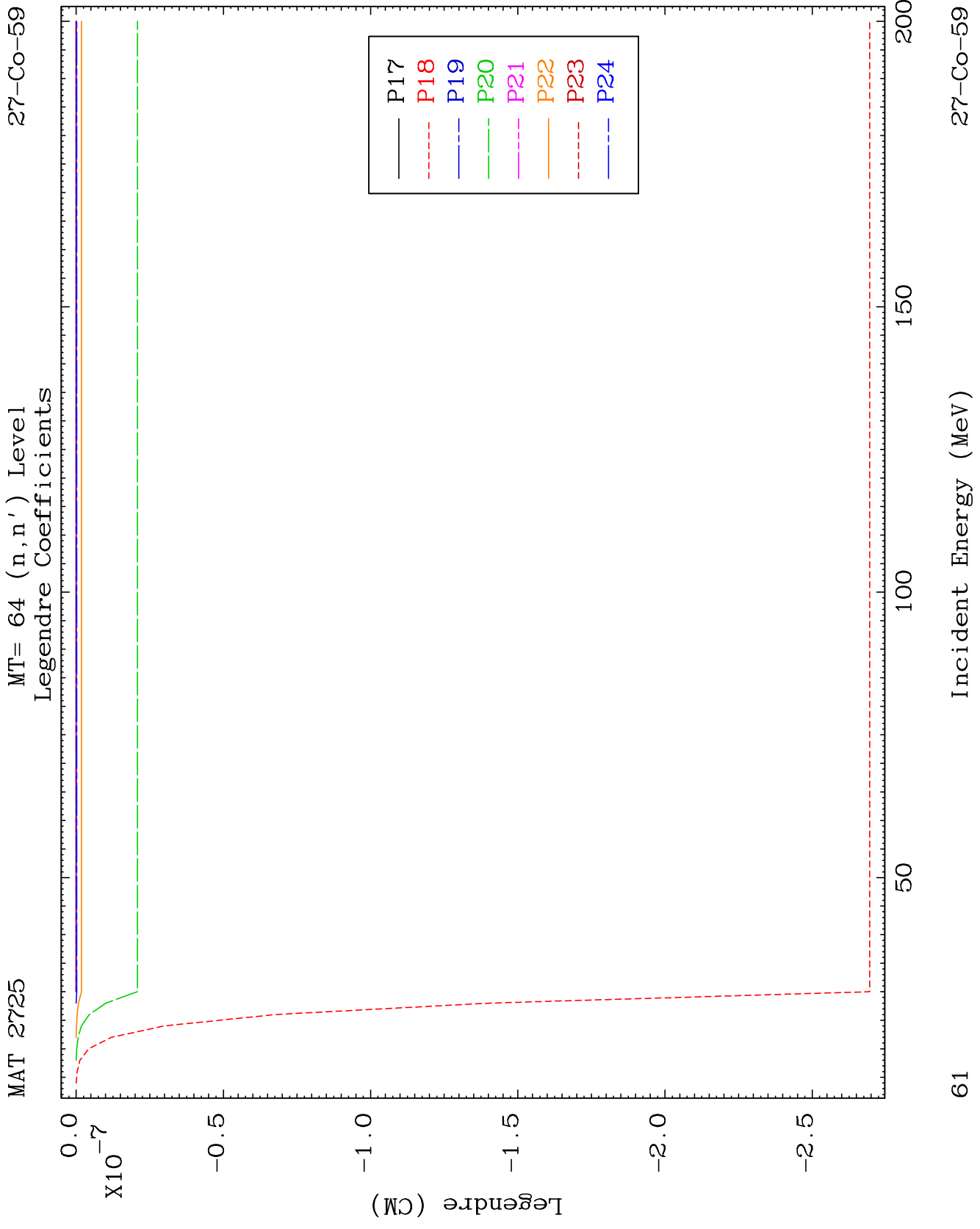


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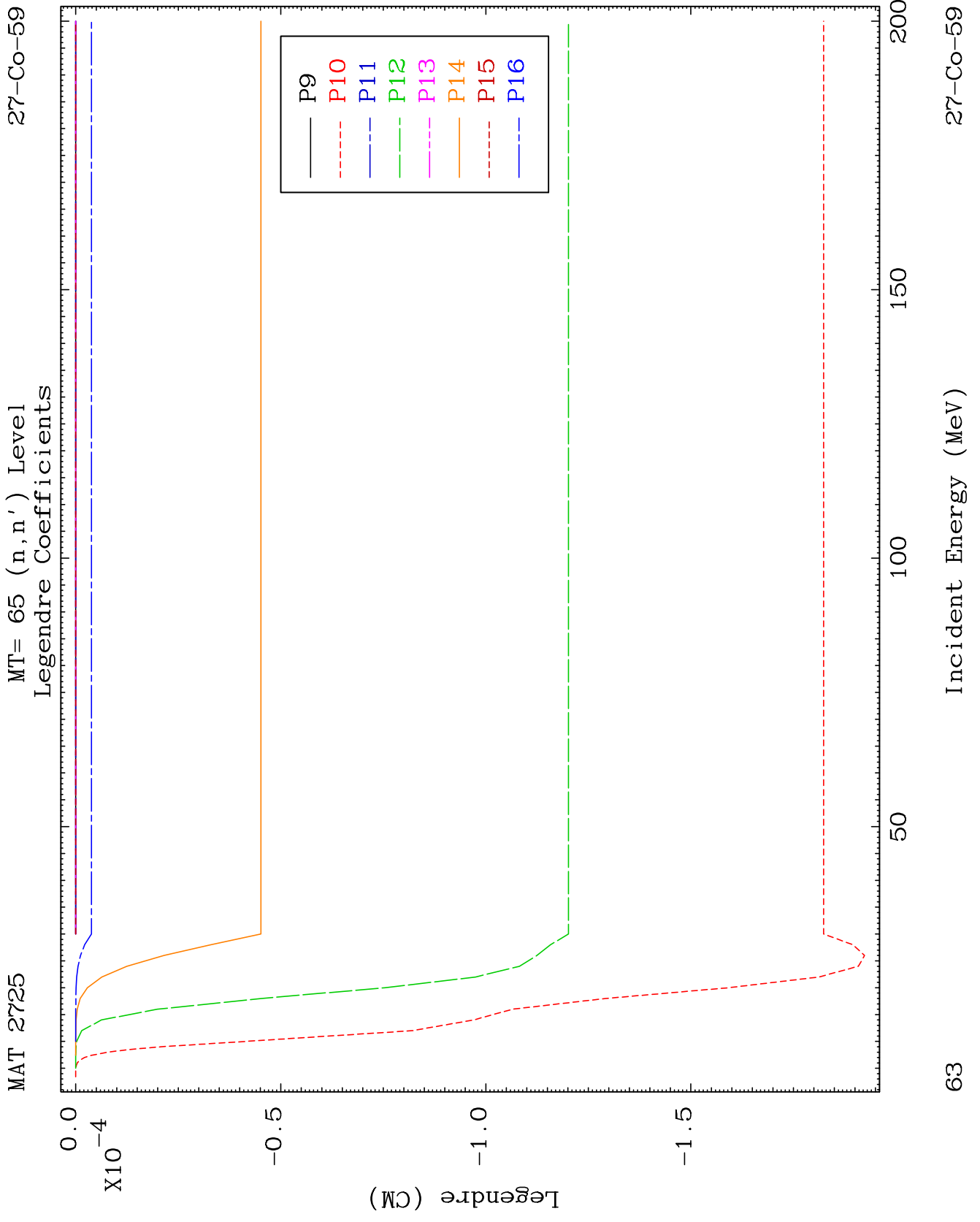
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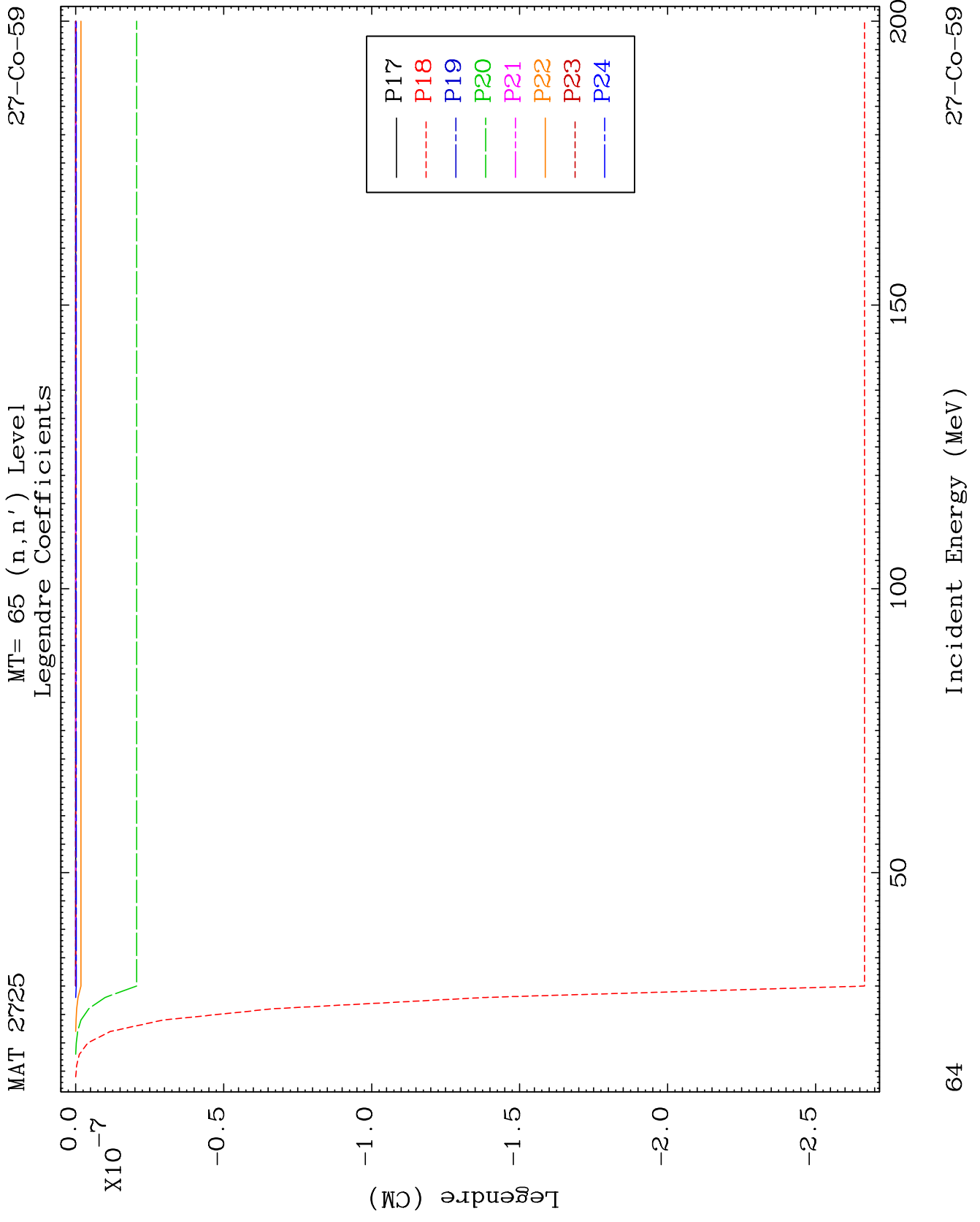








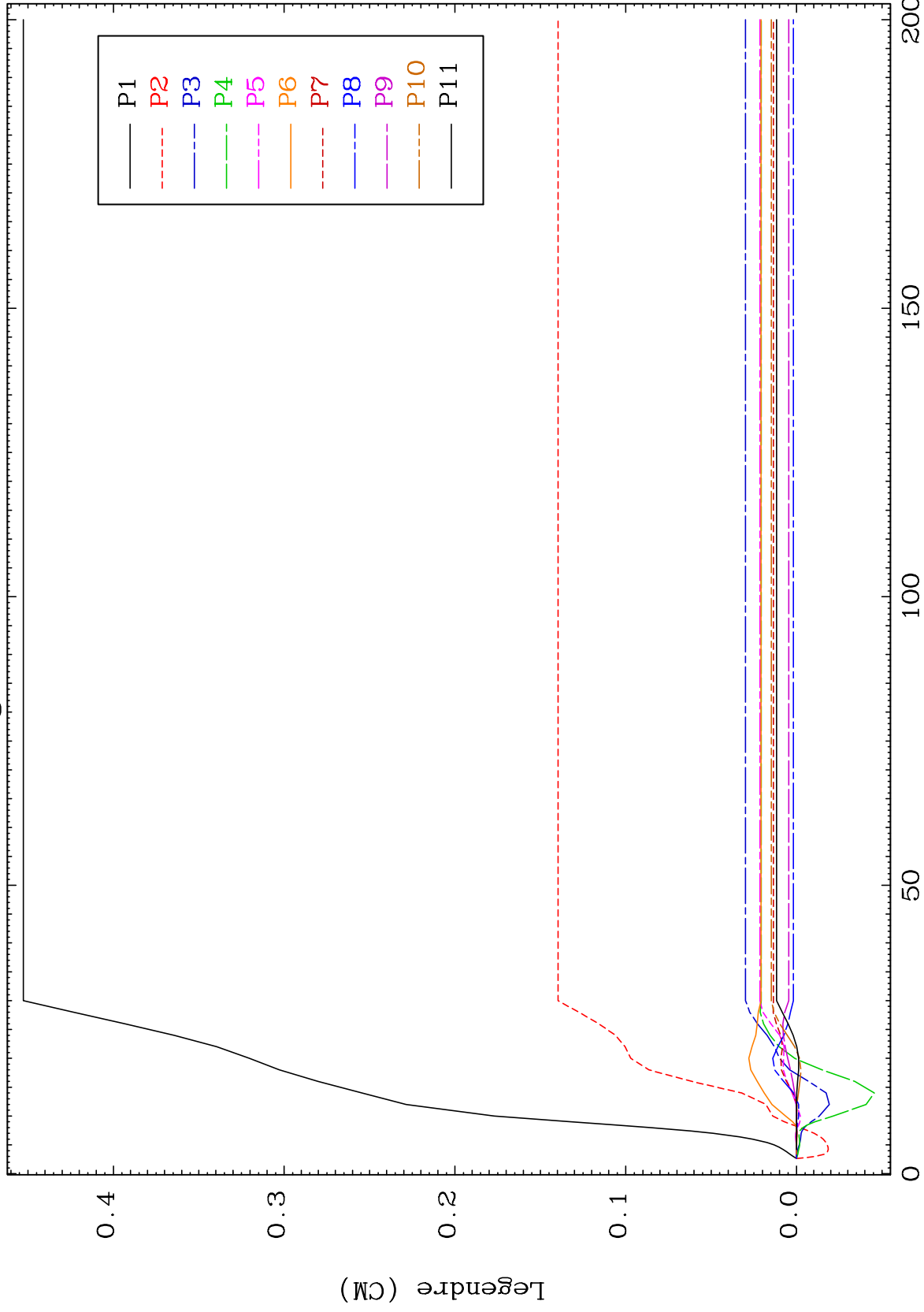




MAT 2725

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

27-Co-59



27-Co-59

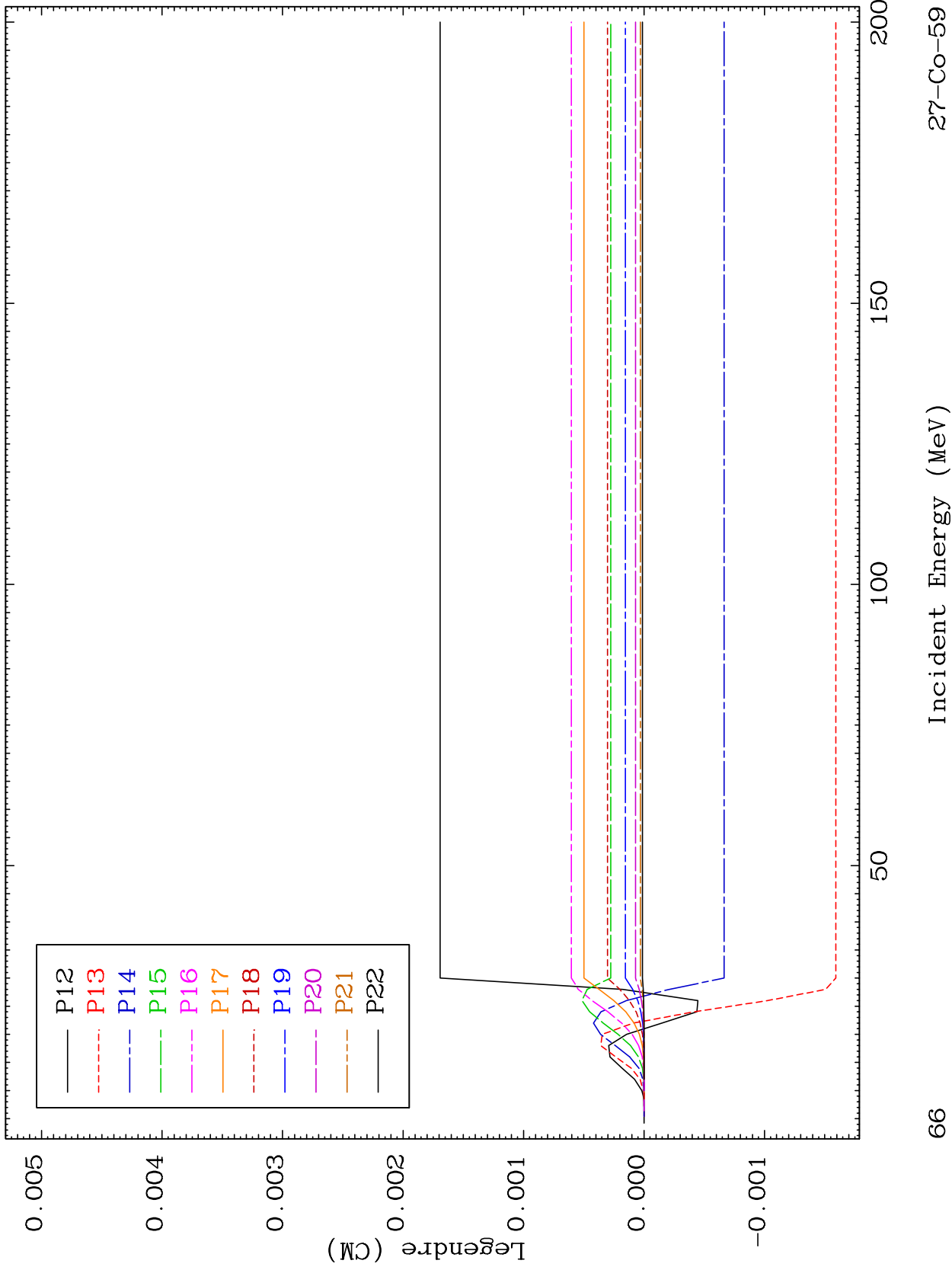
Incident Energy (MeV)

65

MAT 2725

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

27-Co-59



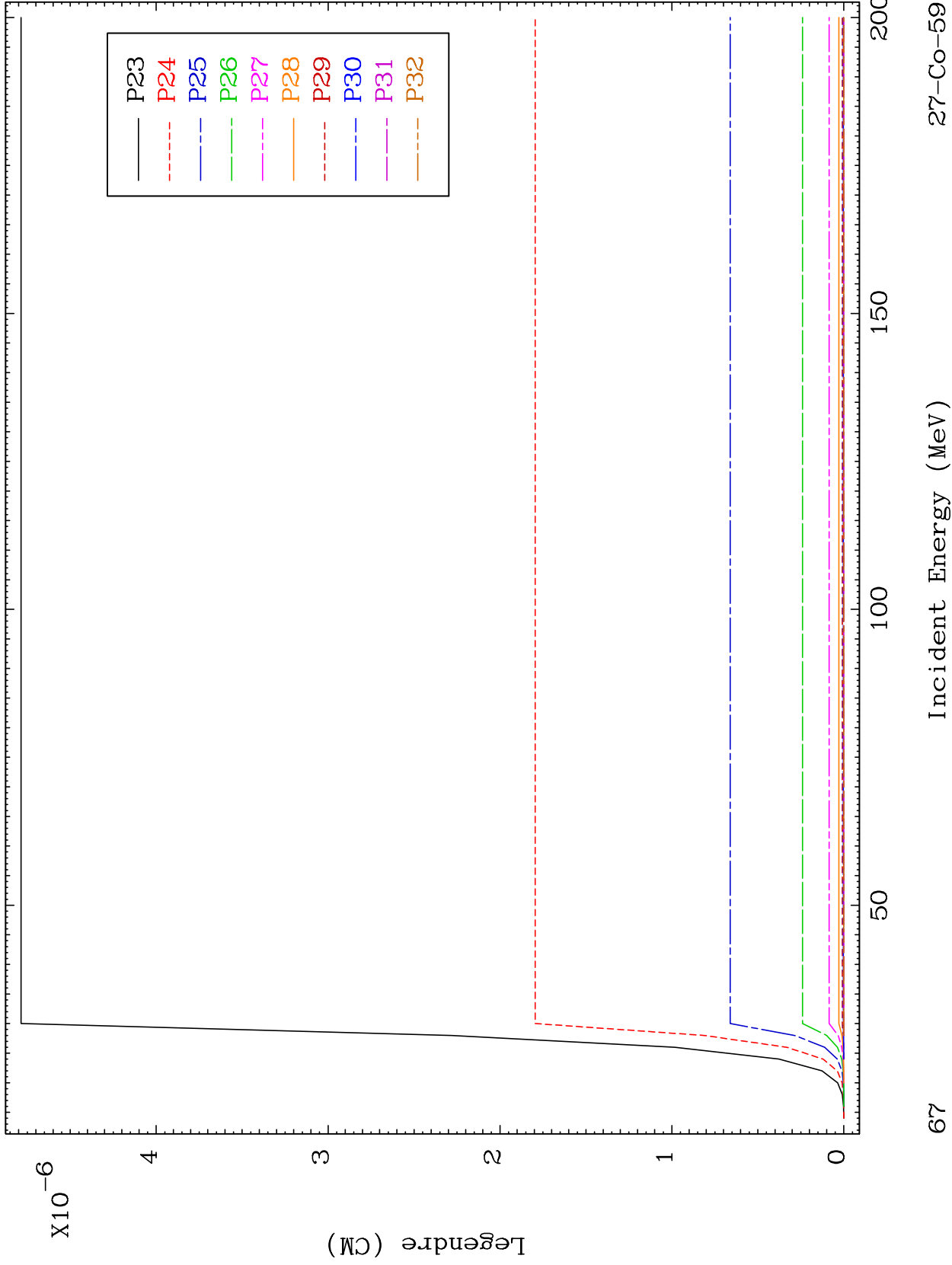
66

27-Co-59

MAT 2725

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

27-Co-59



67

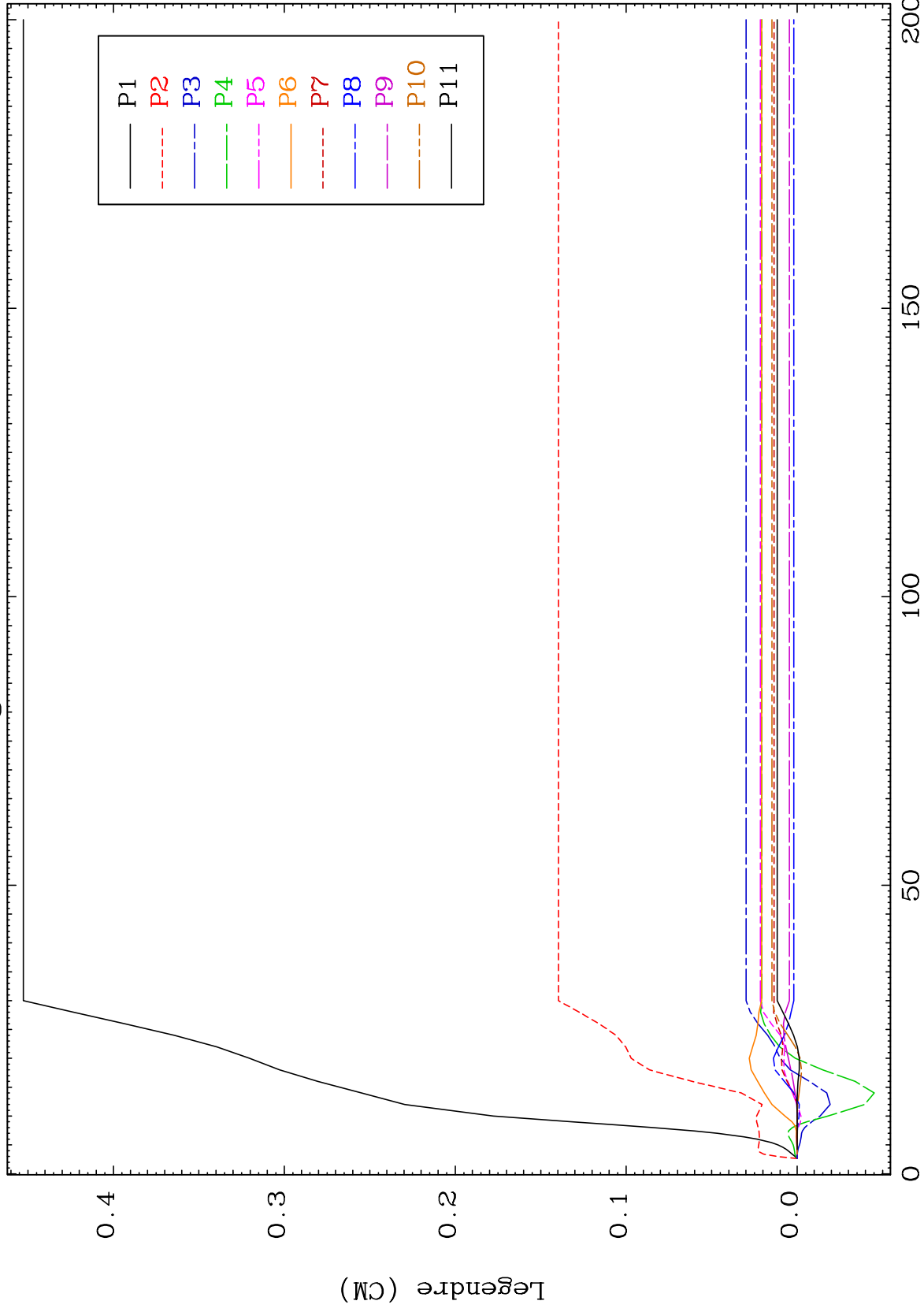
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



68

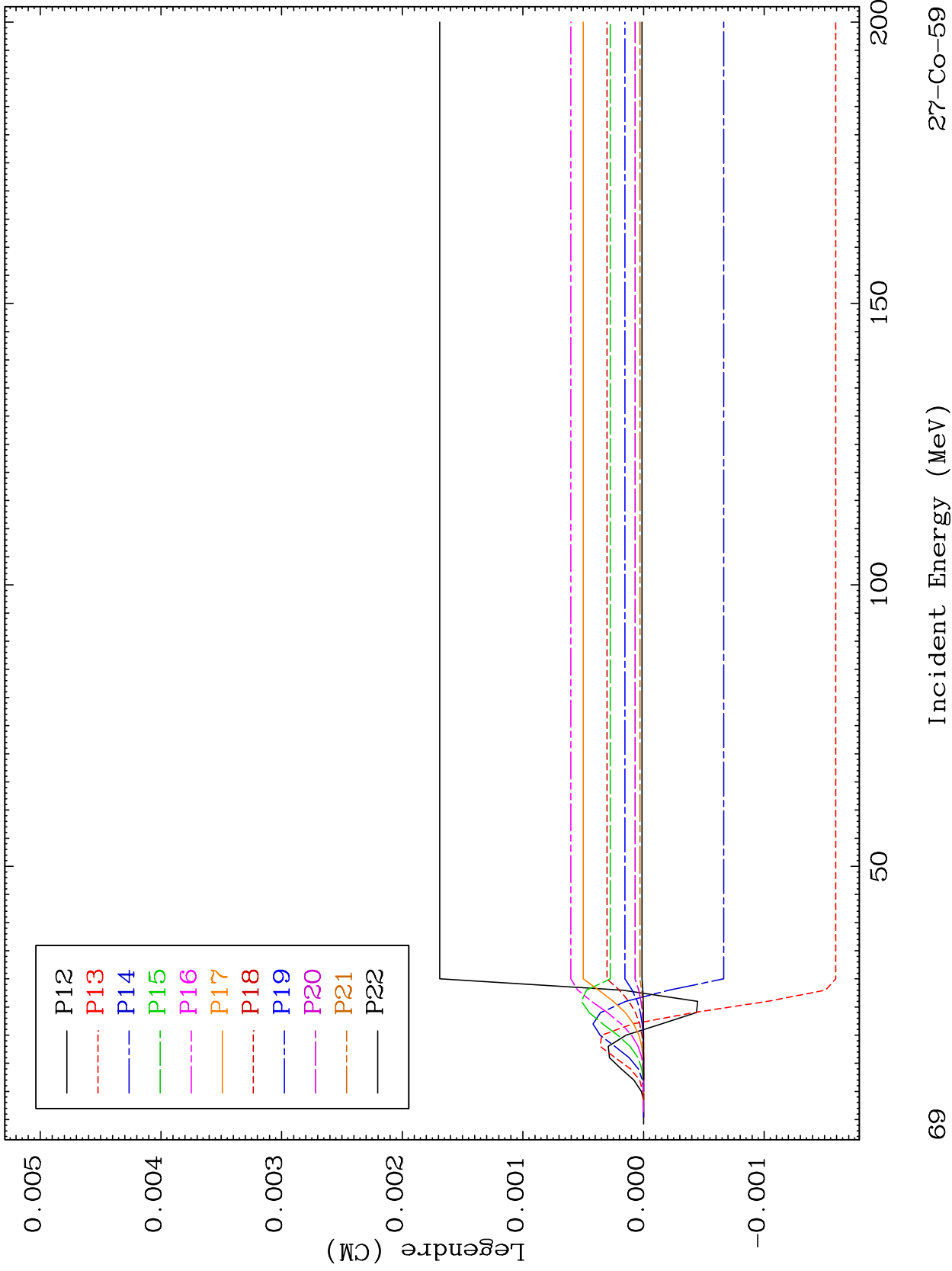
Incident Energy (MeV)

27-Co-59

MAT 2725

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

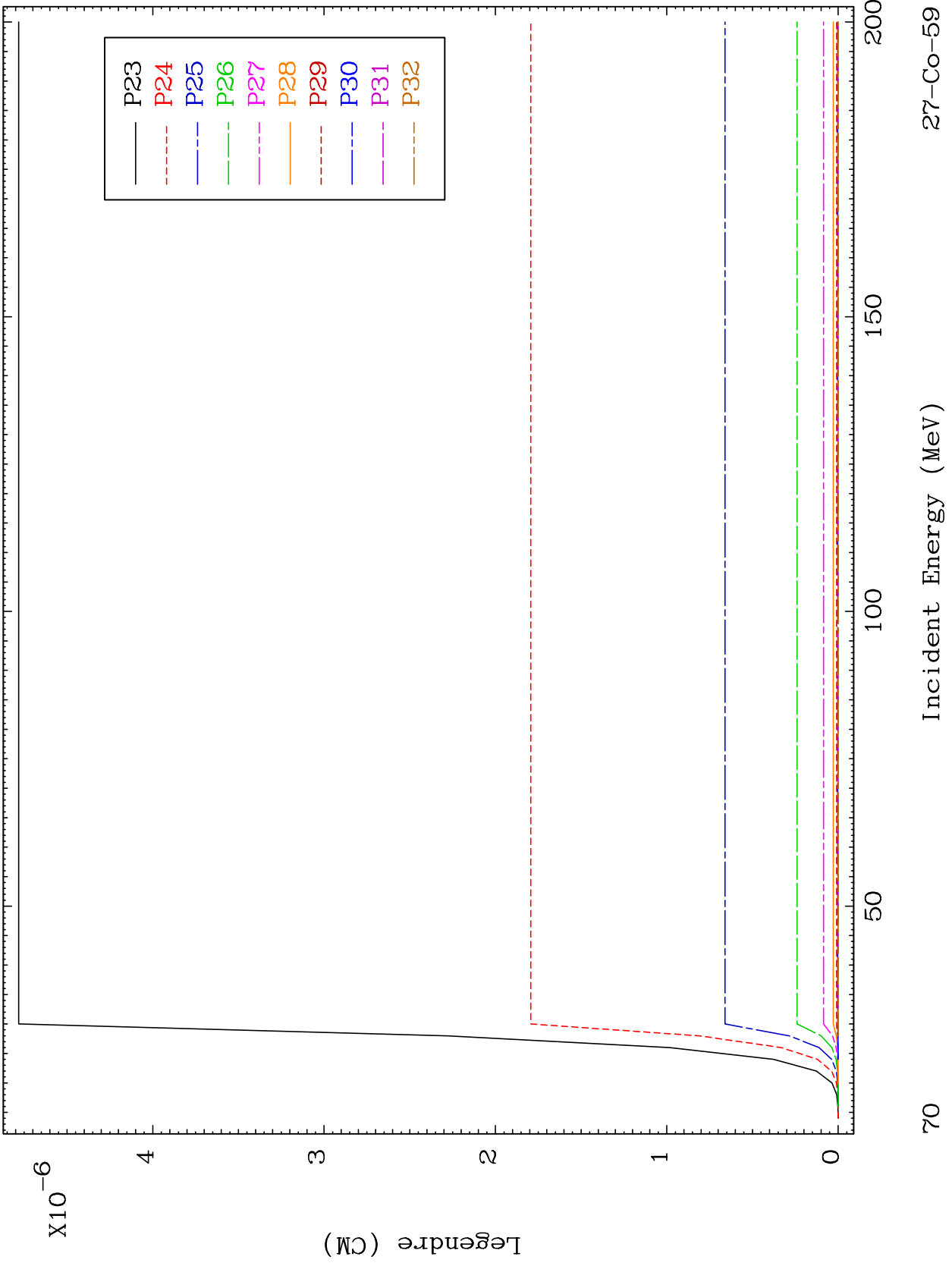
27-Co-59



MAT 2725

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

27-Co-59



70

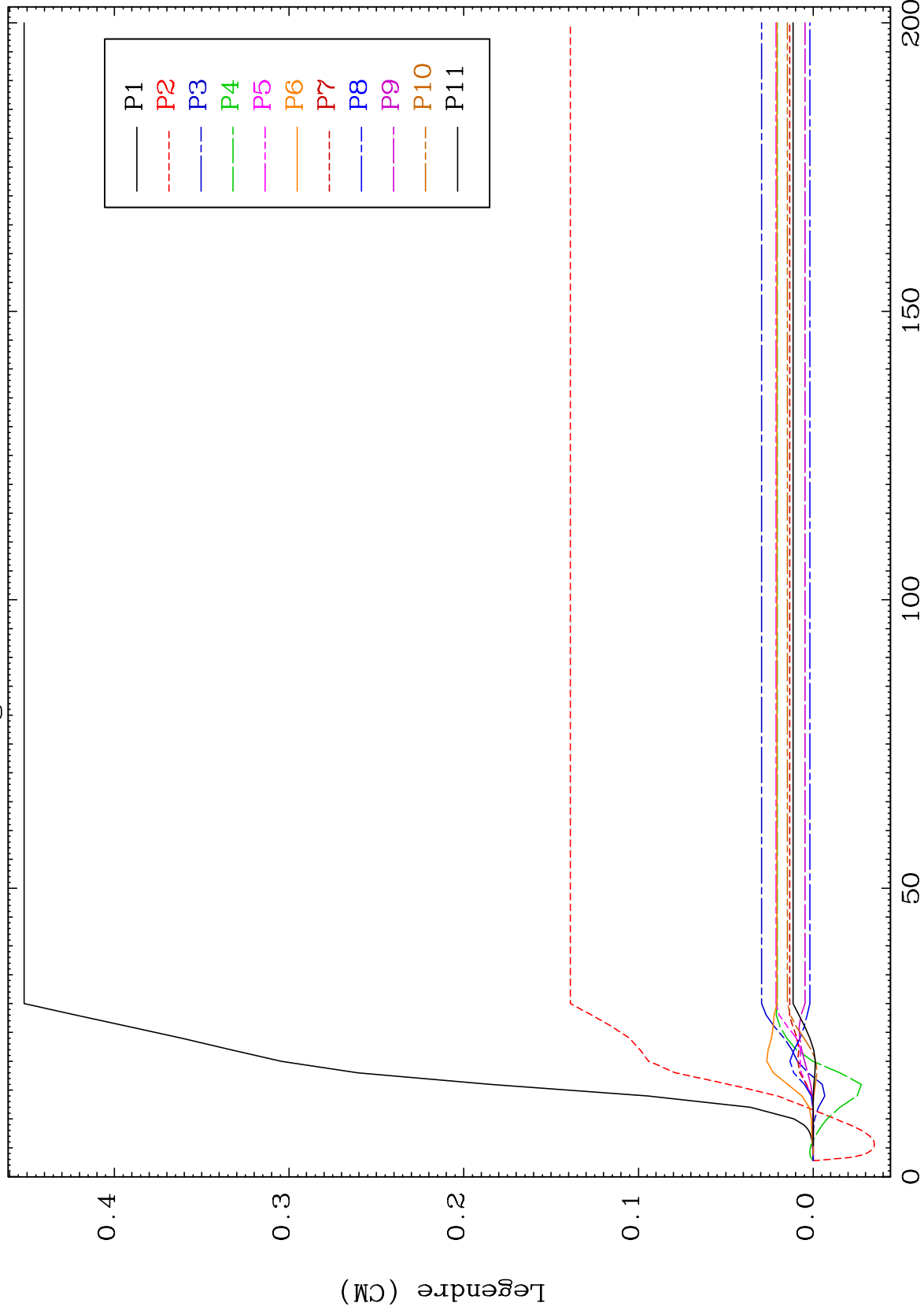
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



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Incident Energy (MeV)

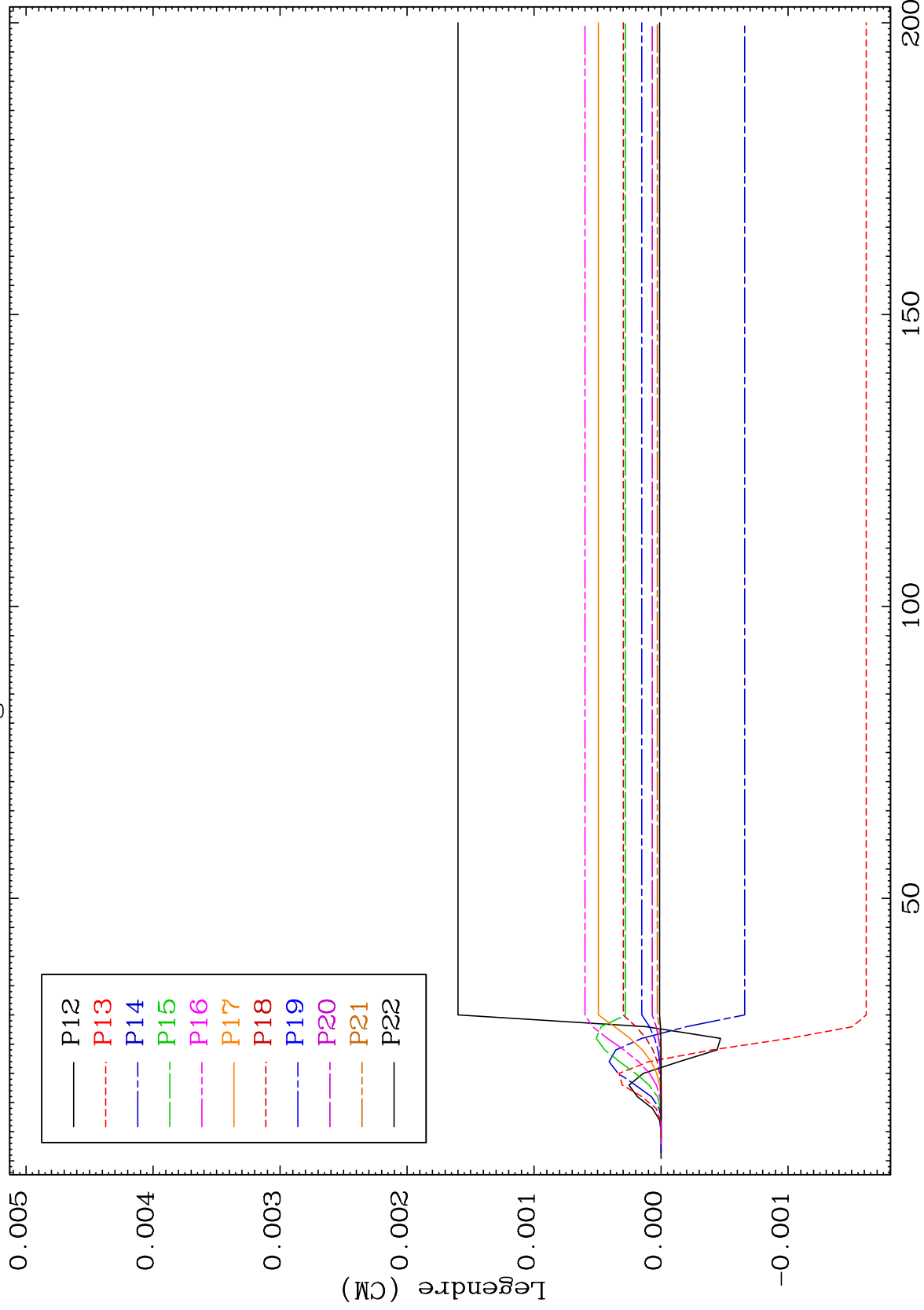
27-Co-59



MAT 2725

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

27-Co-59



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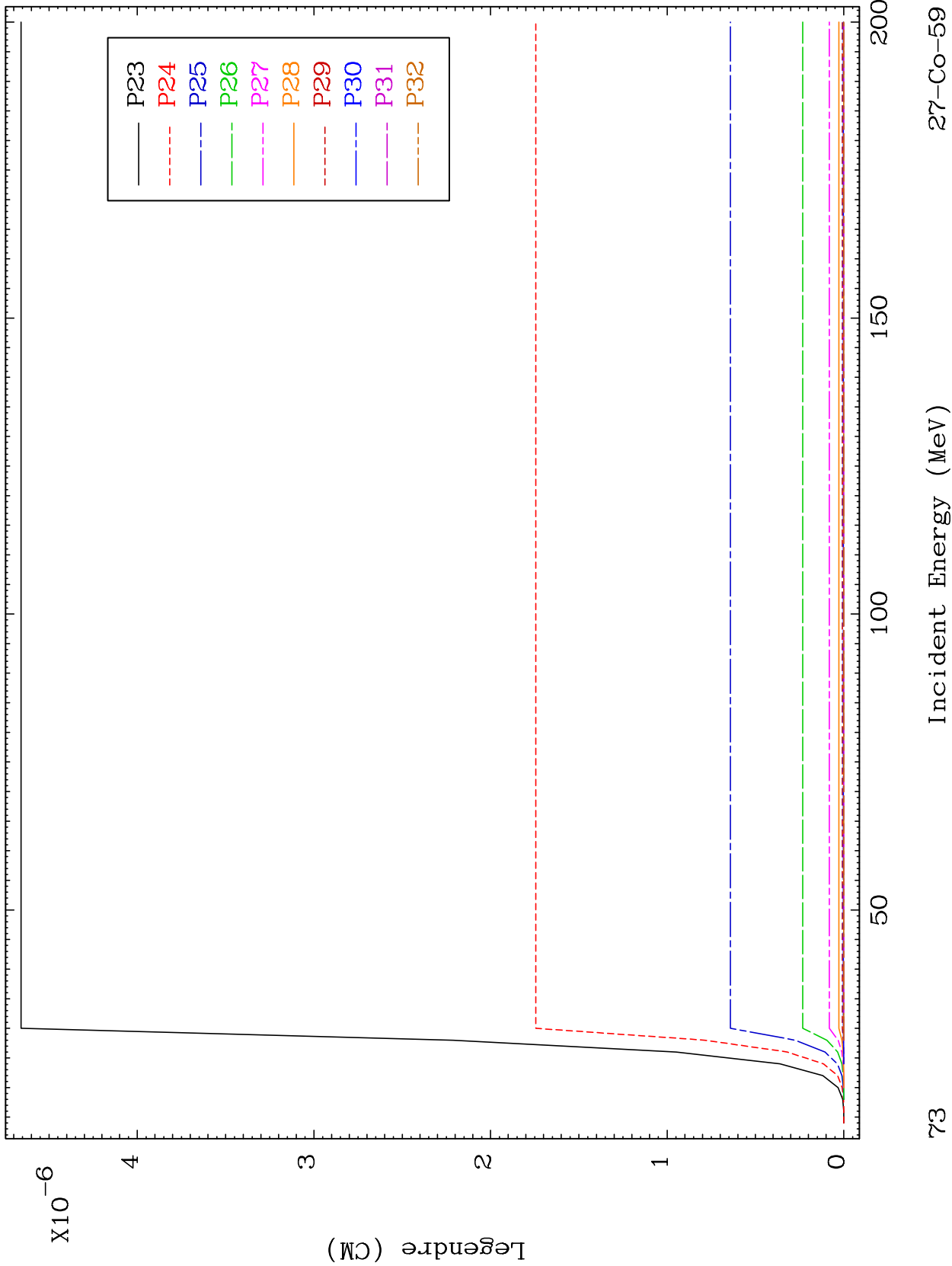
Incident Energy (MeV)

27-Co-59

MAT 2725

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

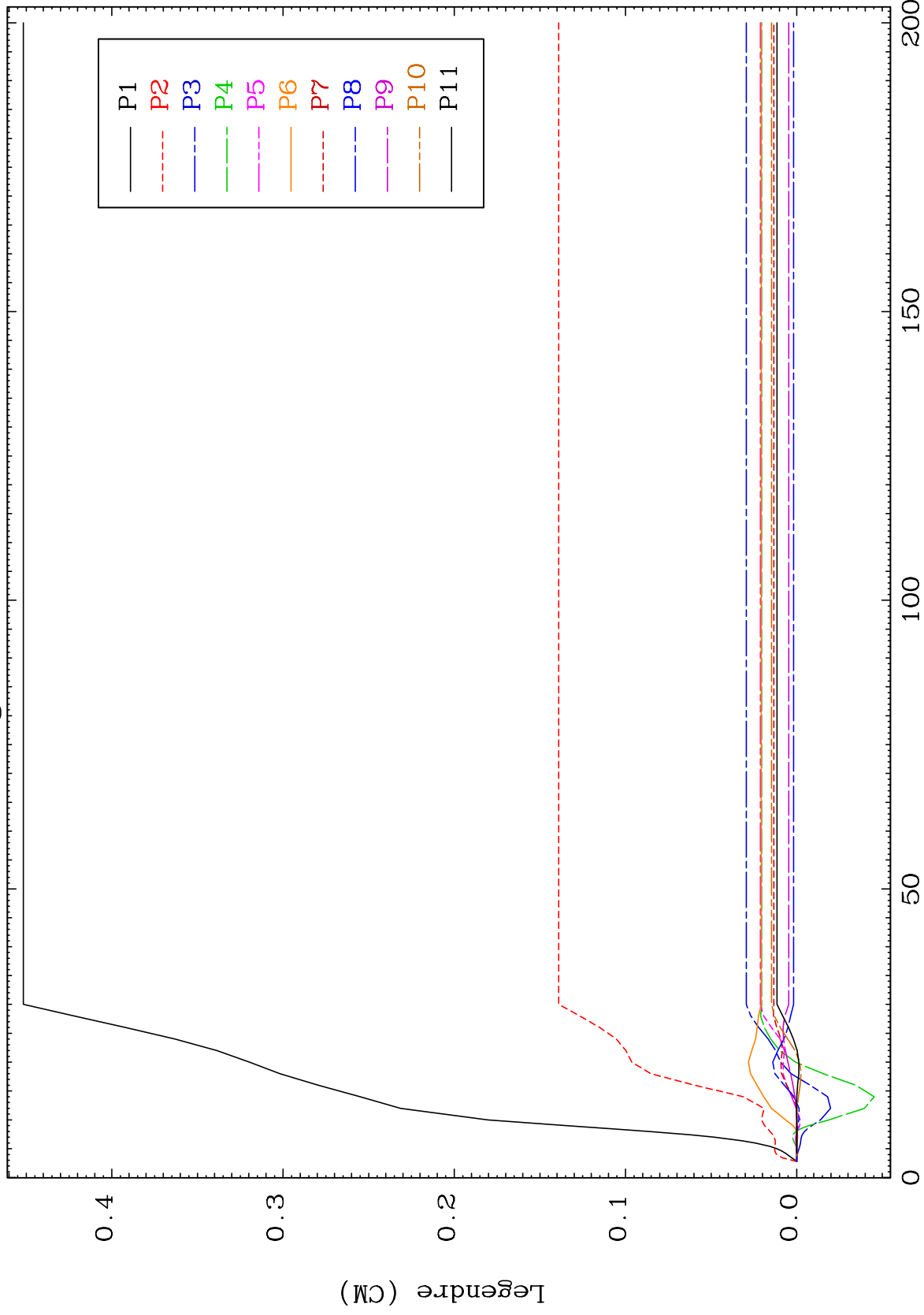
27-Co-59



MAT 2725

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

27-Co-59



74

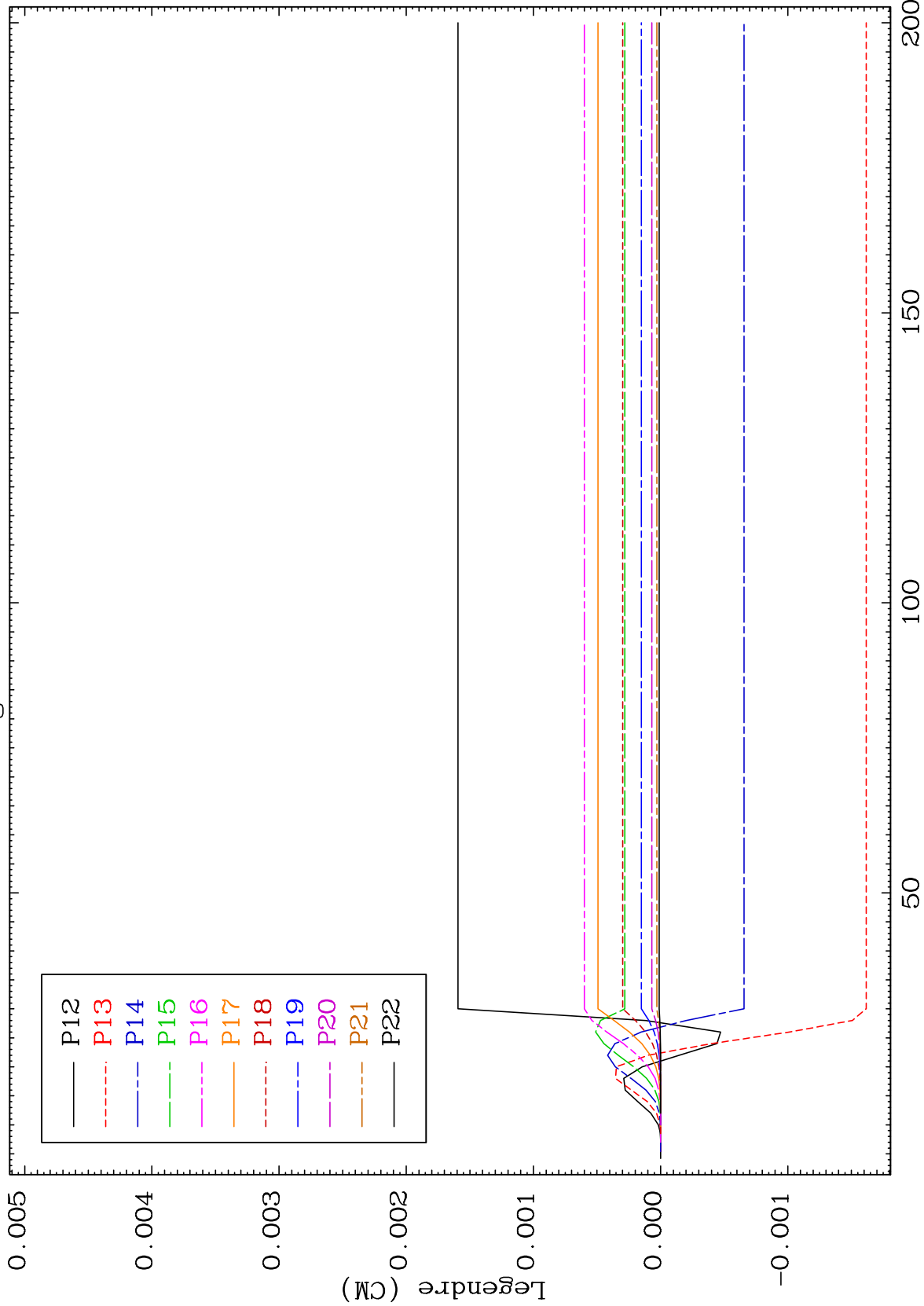
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



75

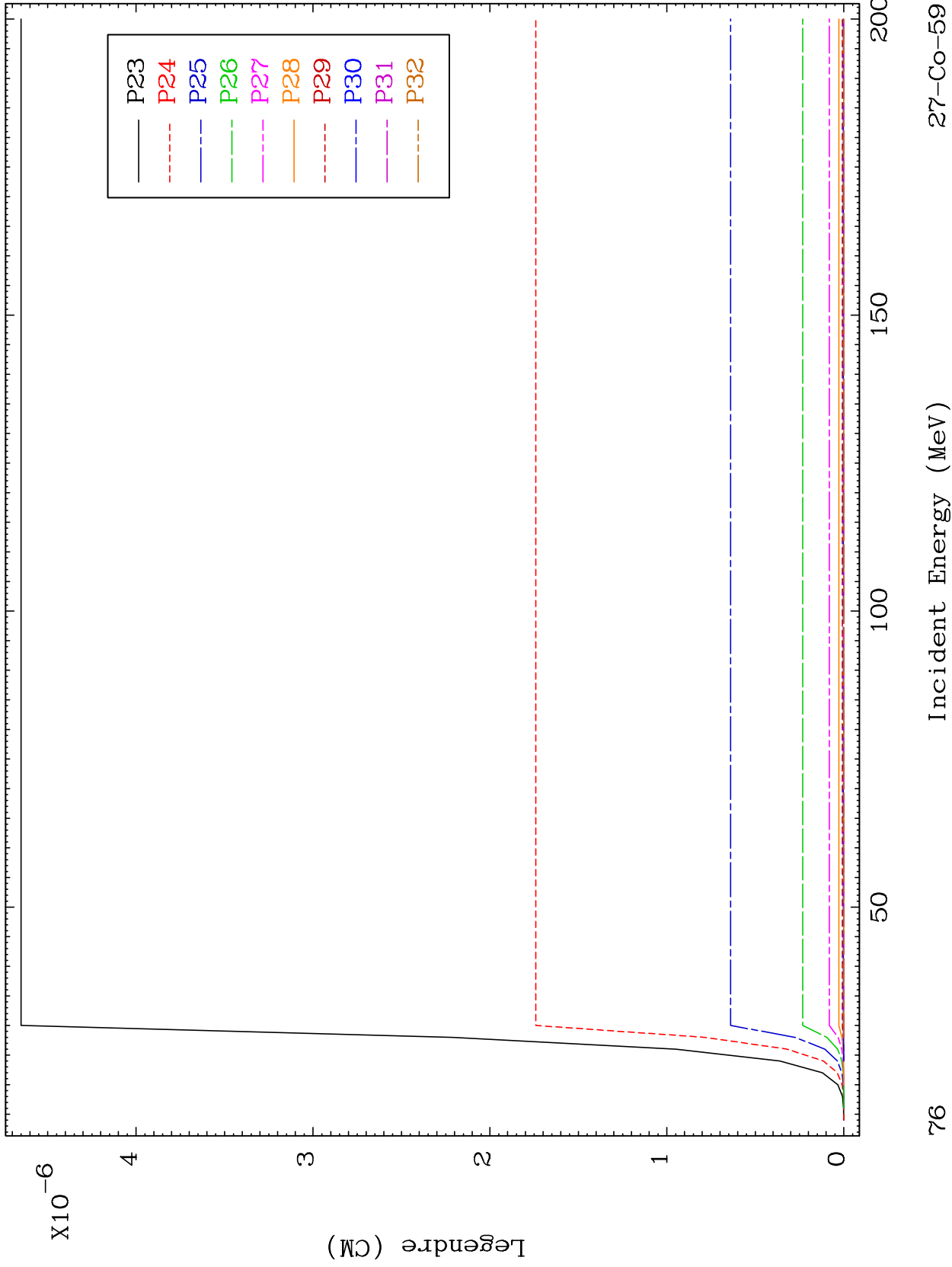
Incident Energy (MeV)

27-Co-59

MAT 2725

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

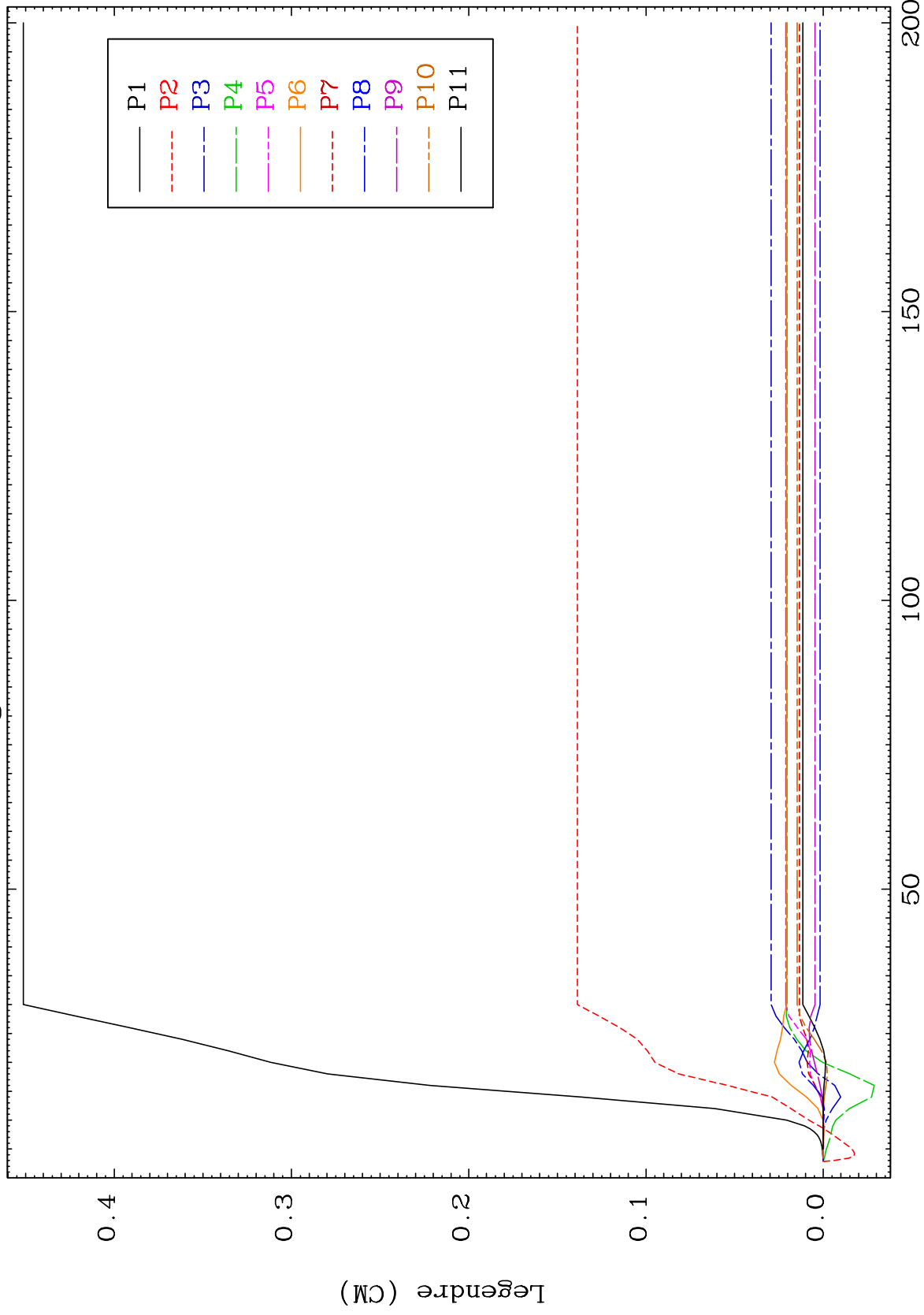
27-Co-59



MAT 2725

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

27-Co-59



77

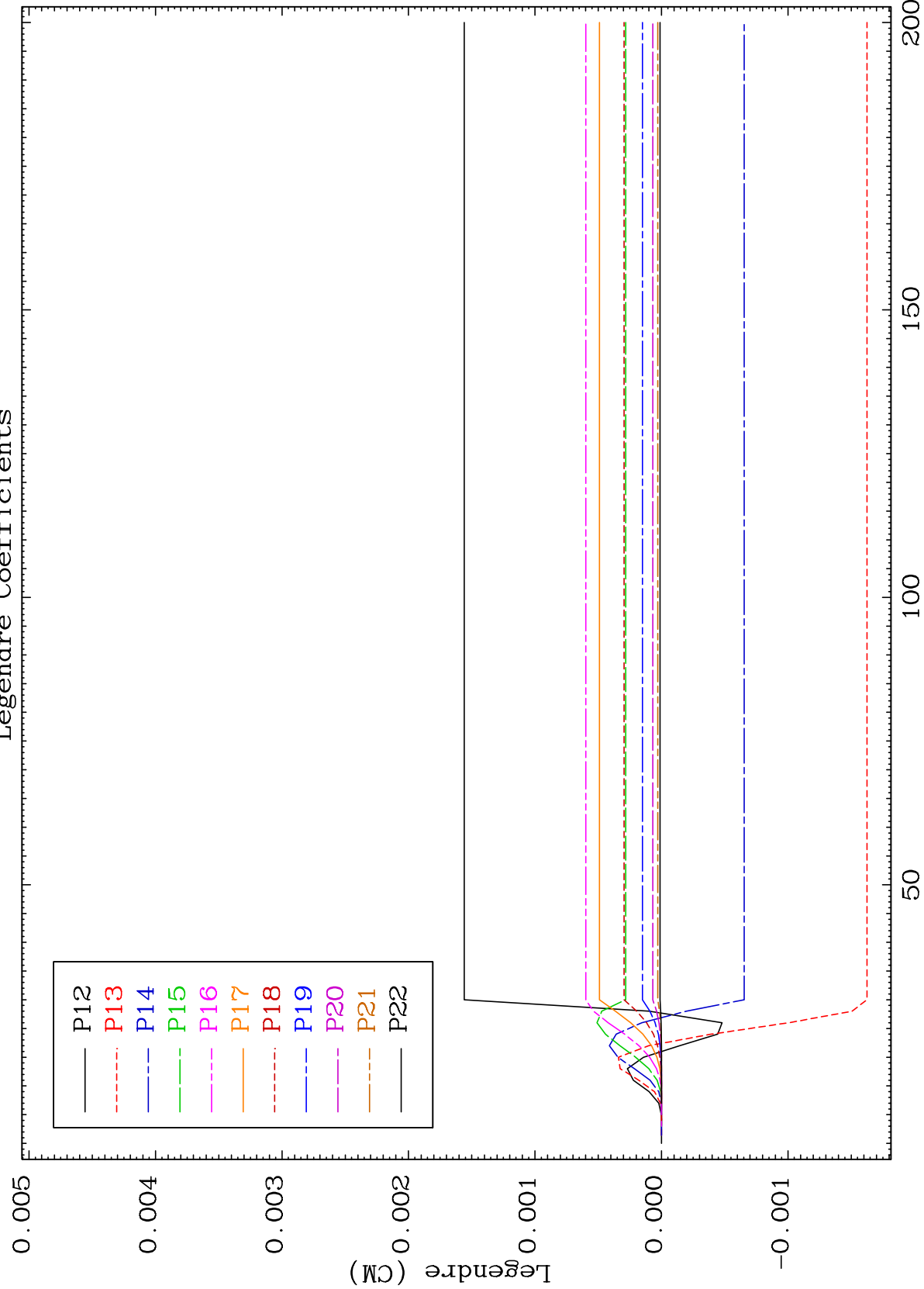
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



78

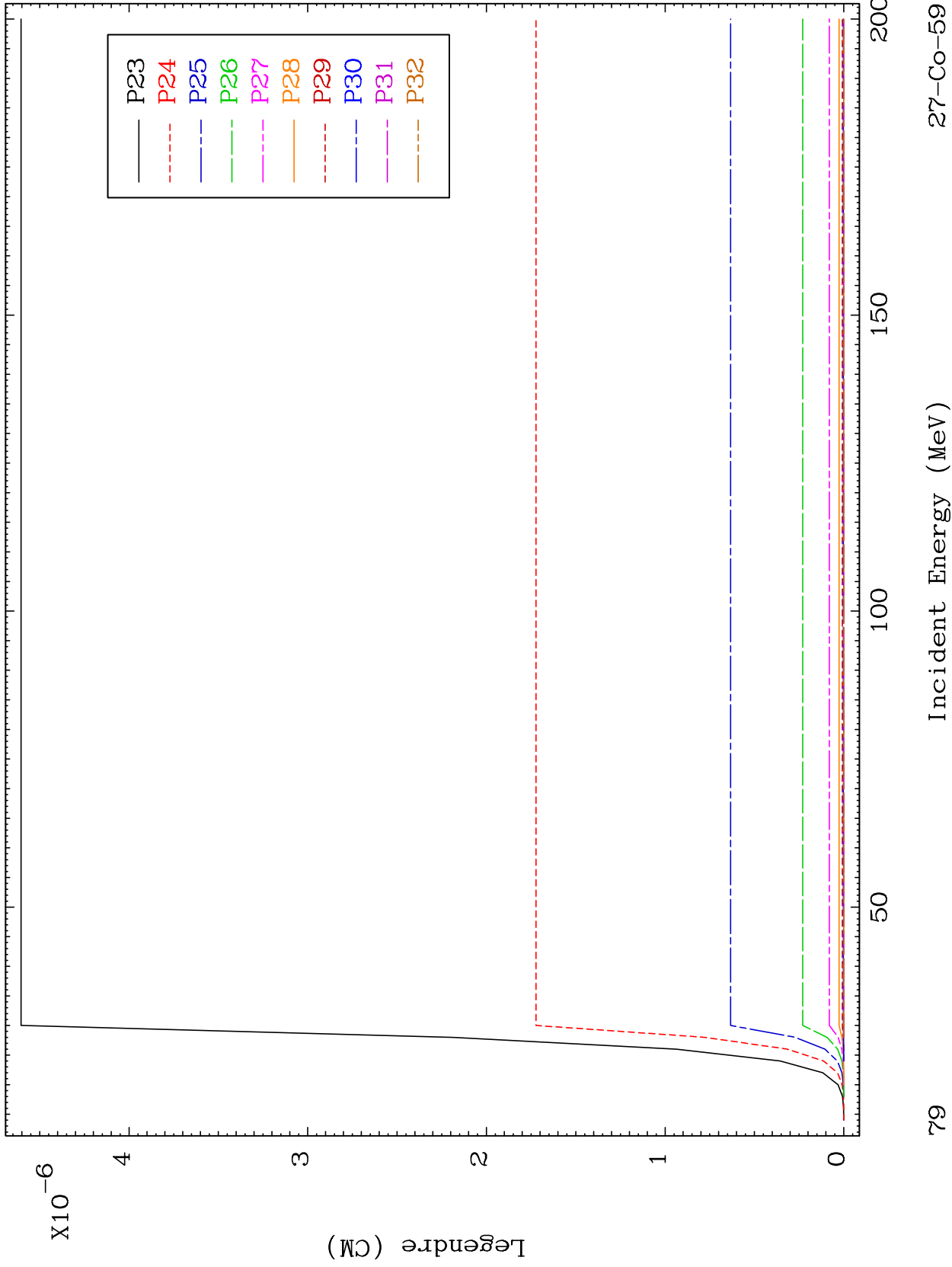
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



79

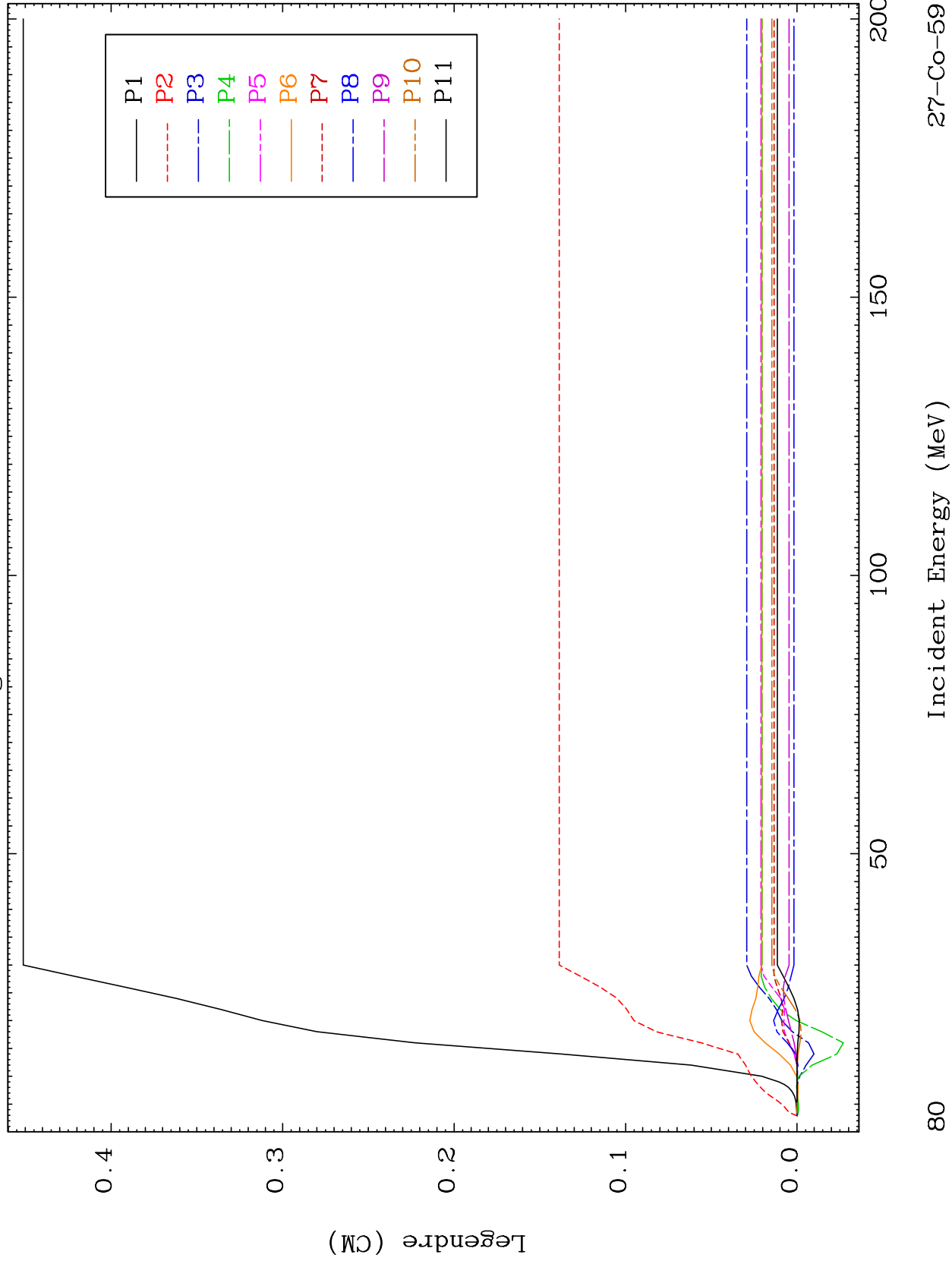
27-Co-59



MAT 2725

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

27-Co-59

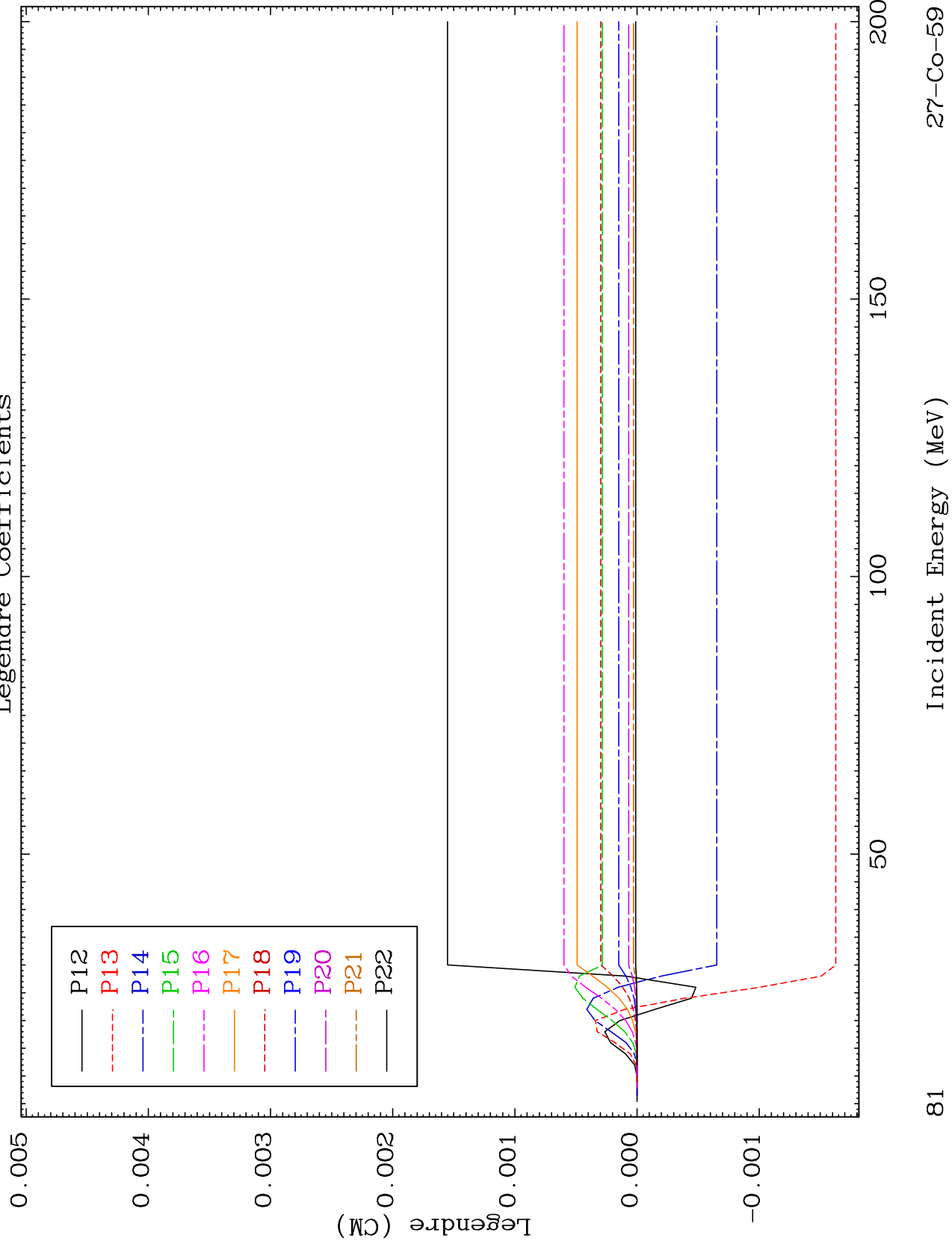


27-Co-59

MAT 2725

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

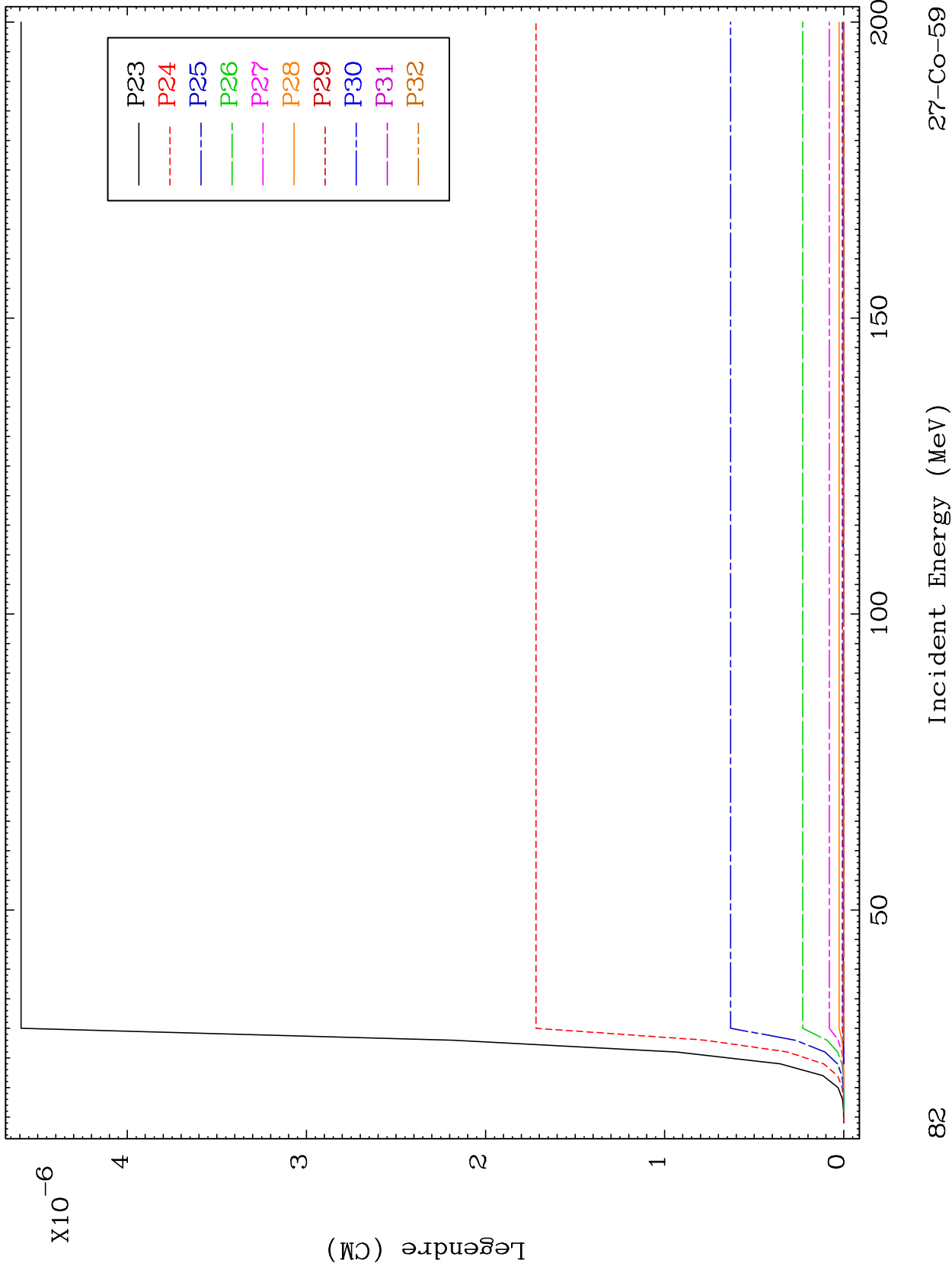
27-Co-59



MAT 2725

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

27-Co-59



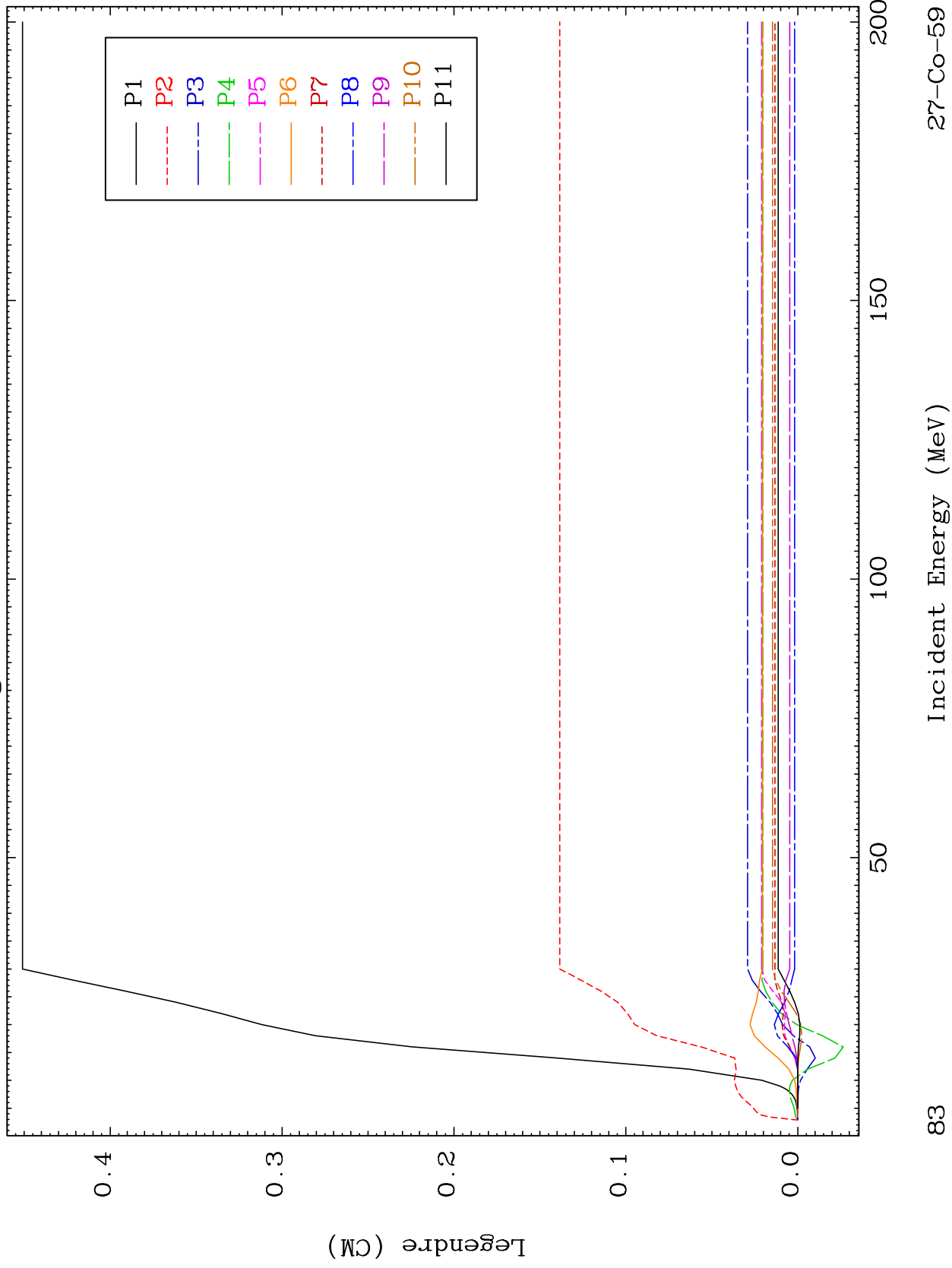
82

27-Co-59

MAT 2725

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

27-Co-59



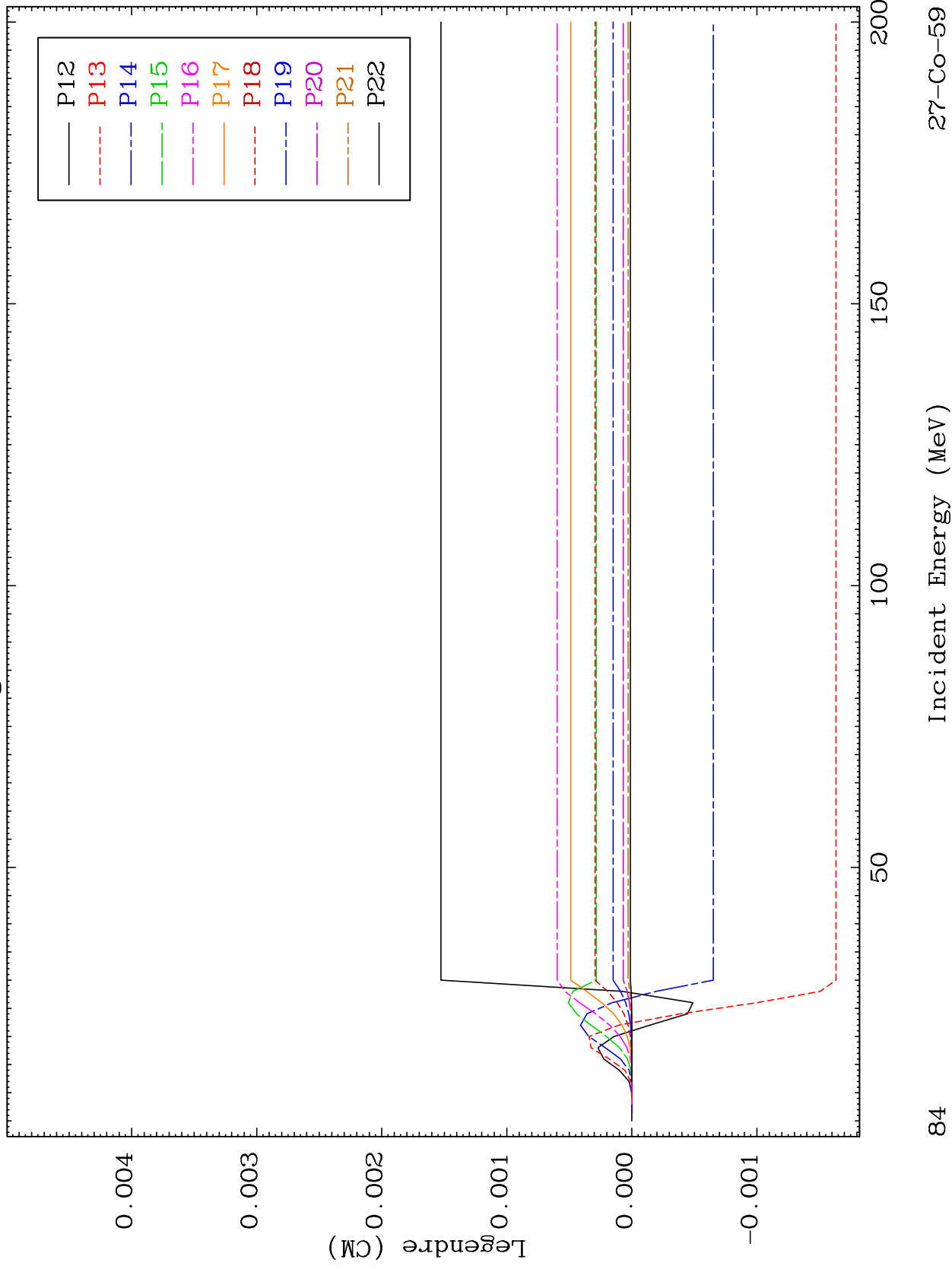
83

27-Co-59

MAT 2725

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

27-Co-59



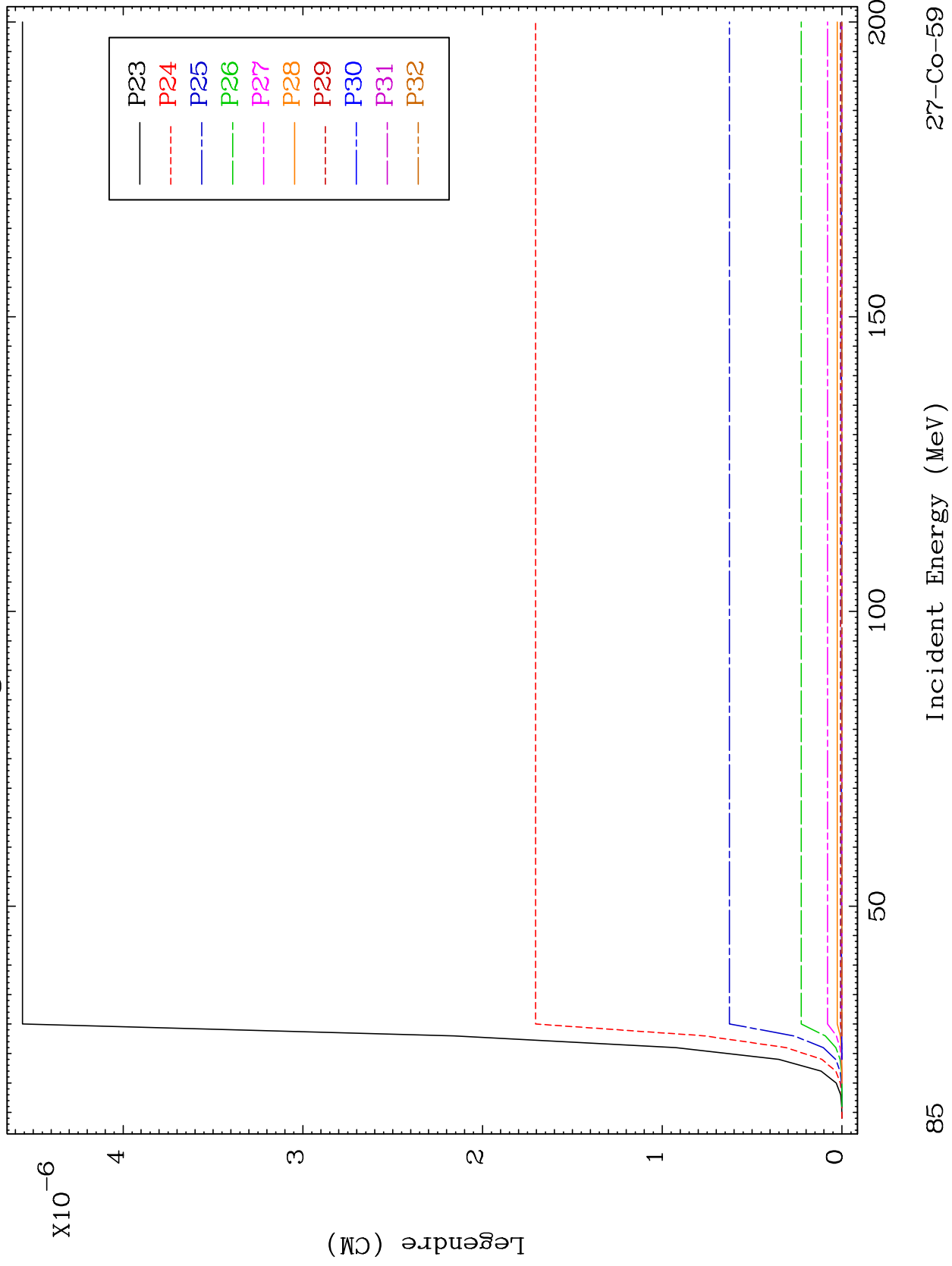
84

27-Co-59

MAT 2725

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

27-Co-59



85

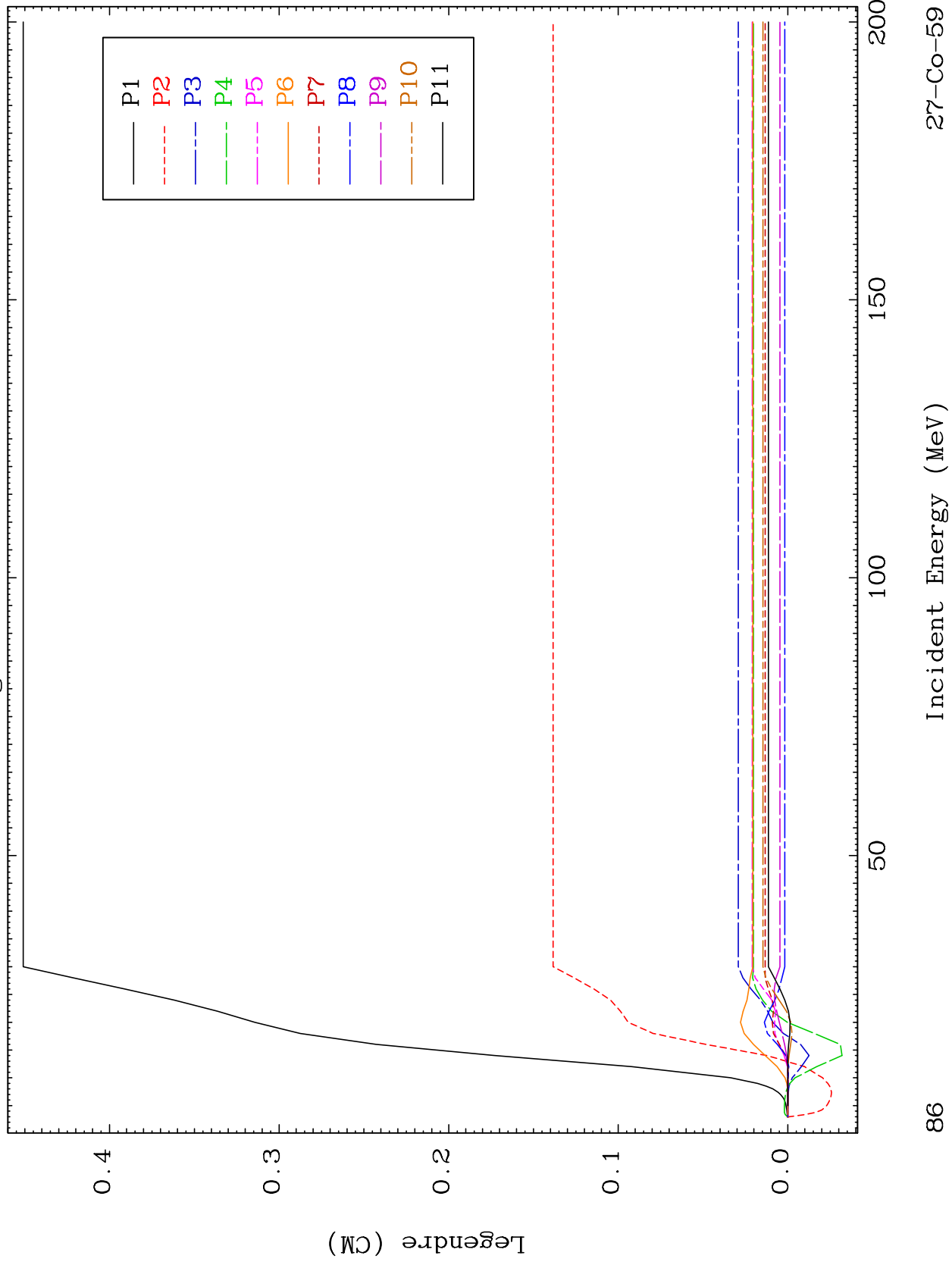
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



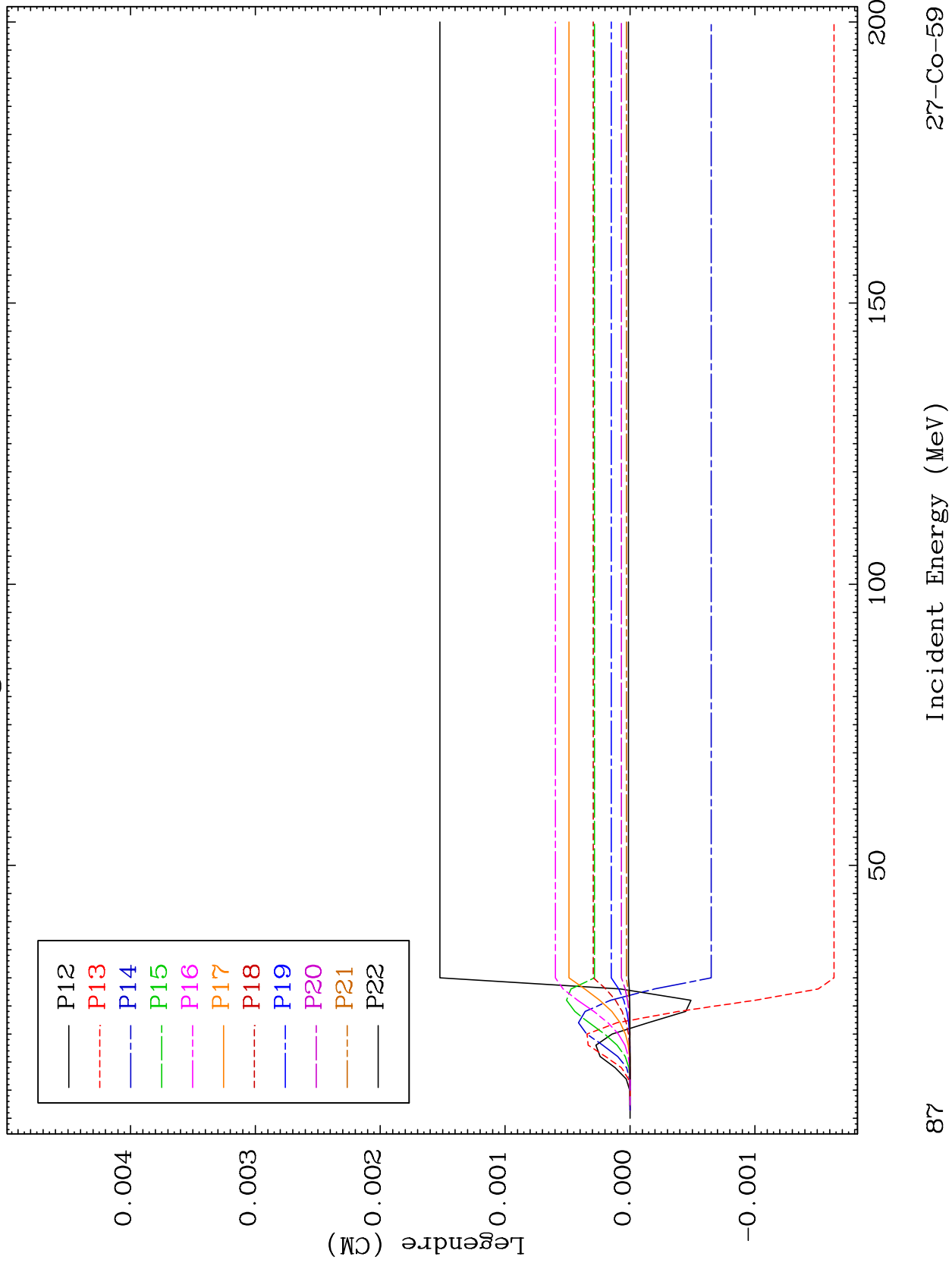
86

27-Co-59

MAT 2725

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

27-Co-59



87

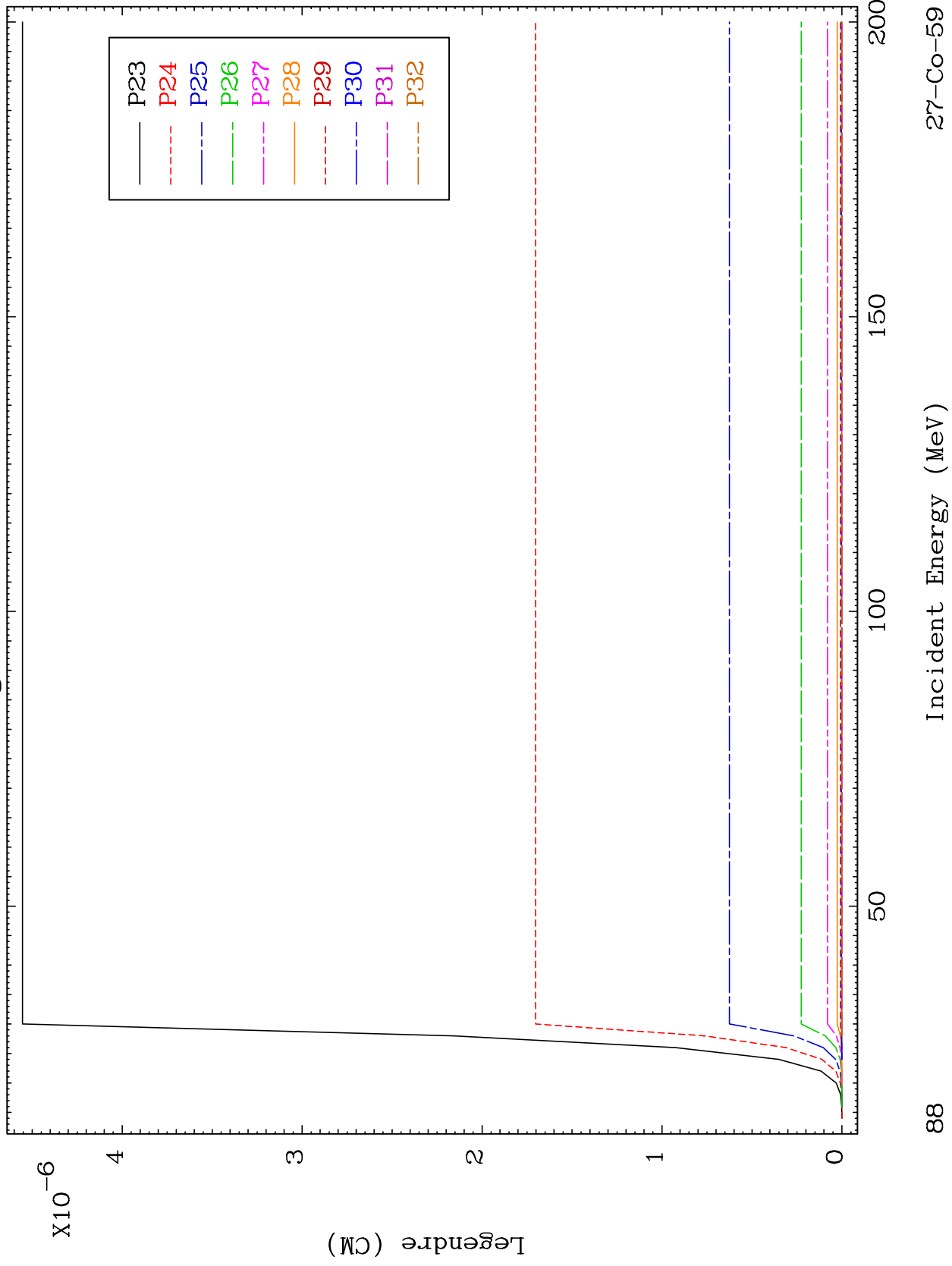
27-Co-59



MAT 2725

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

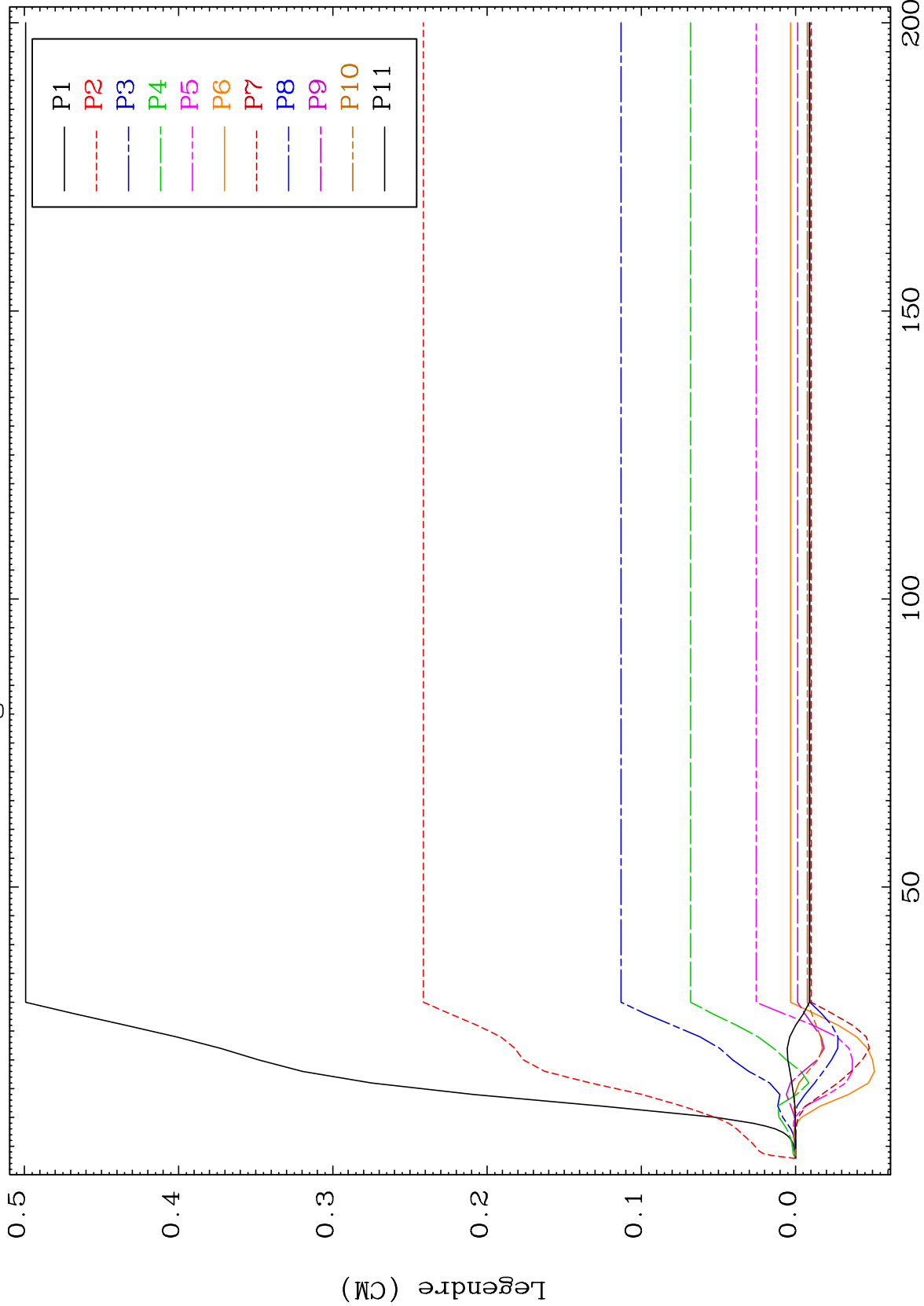
27-Co-59



MAT 2725

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

27-Co-59



89

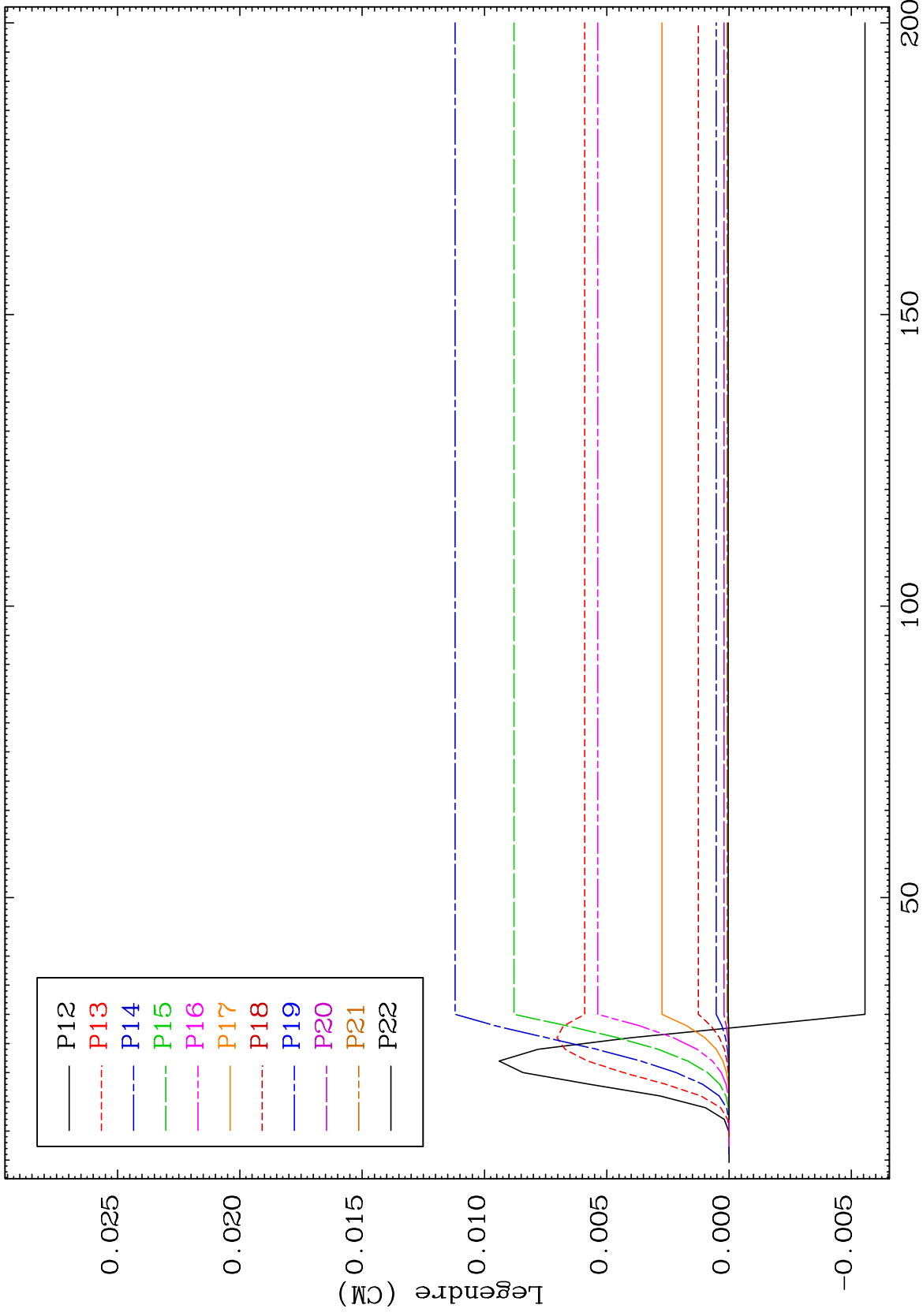
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



90

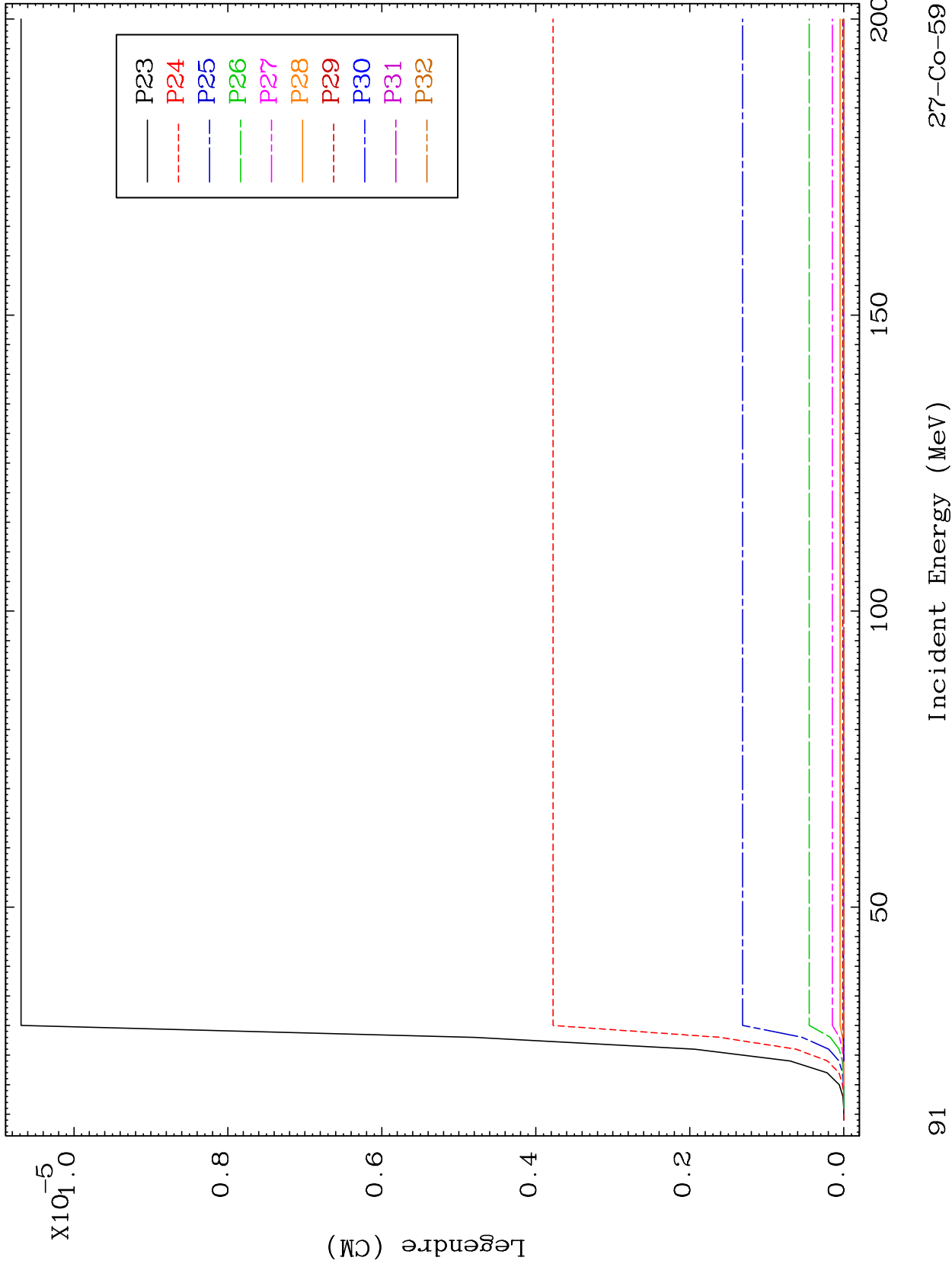
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



91

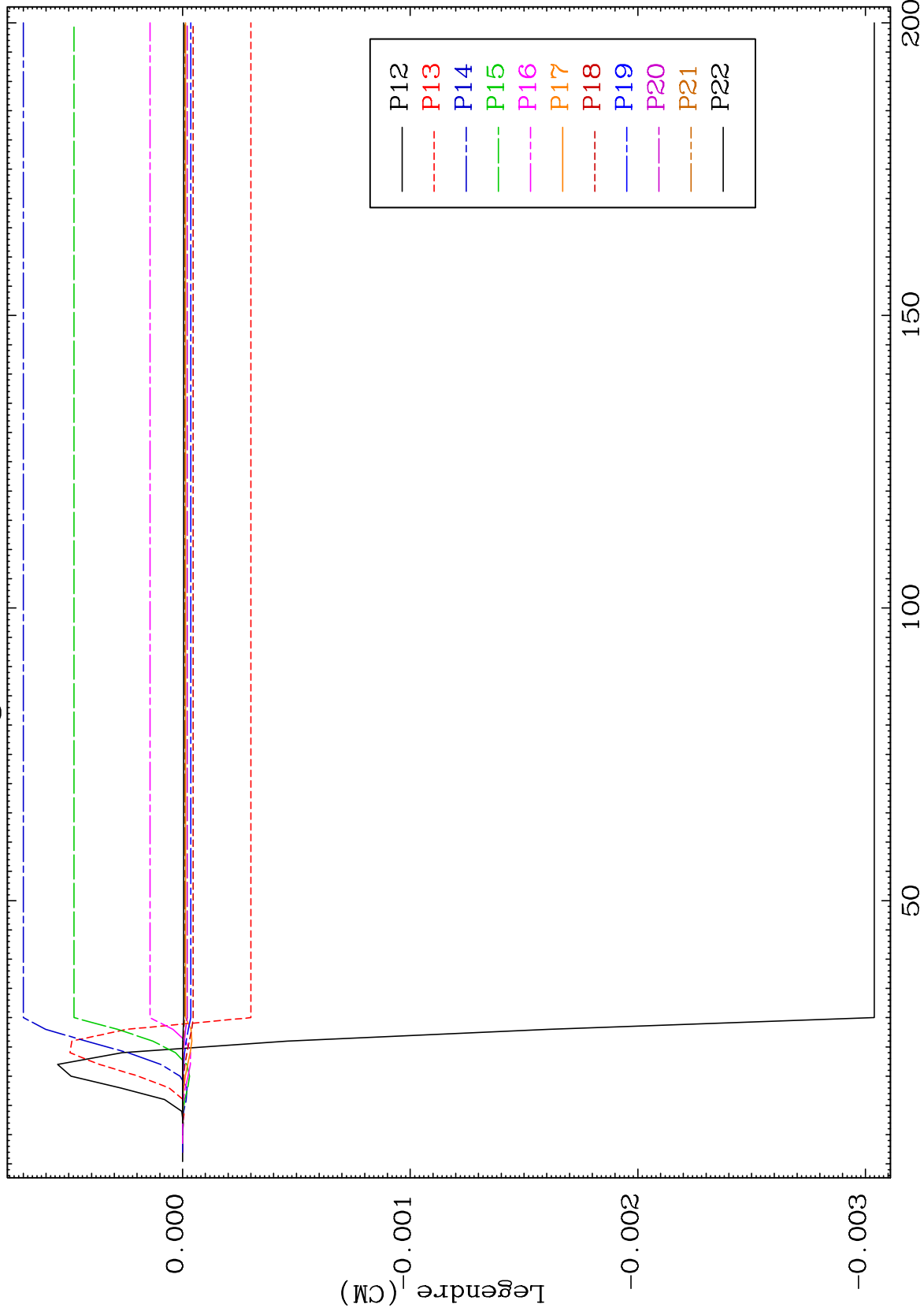
27-Co-59



MAT 2725

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

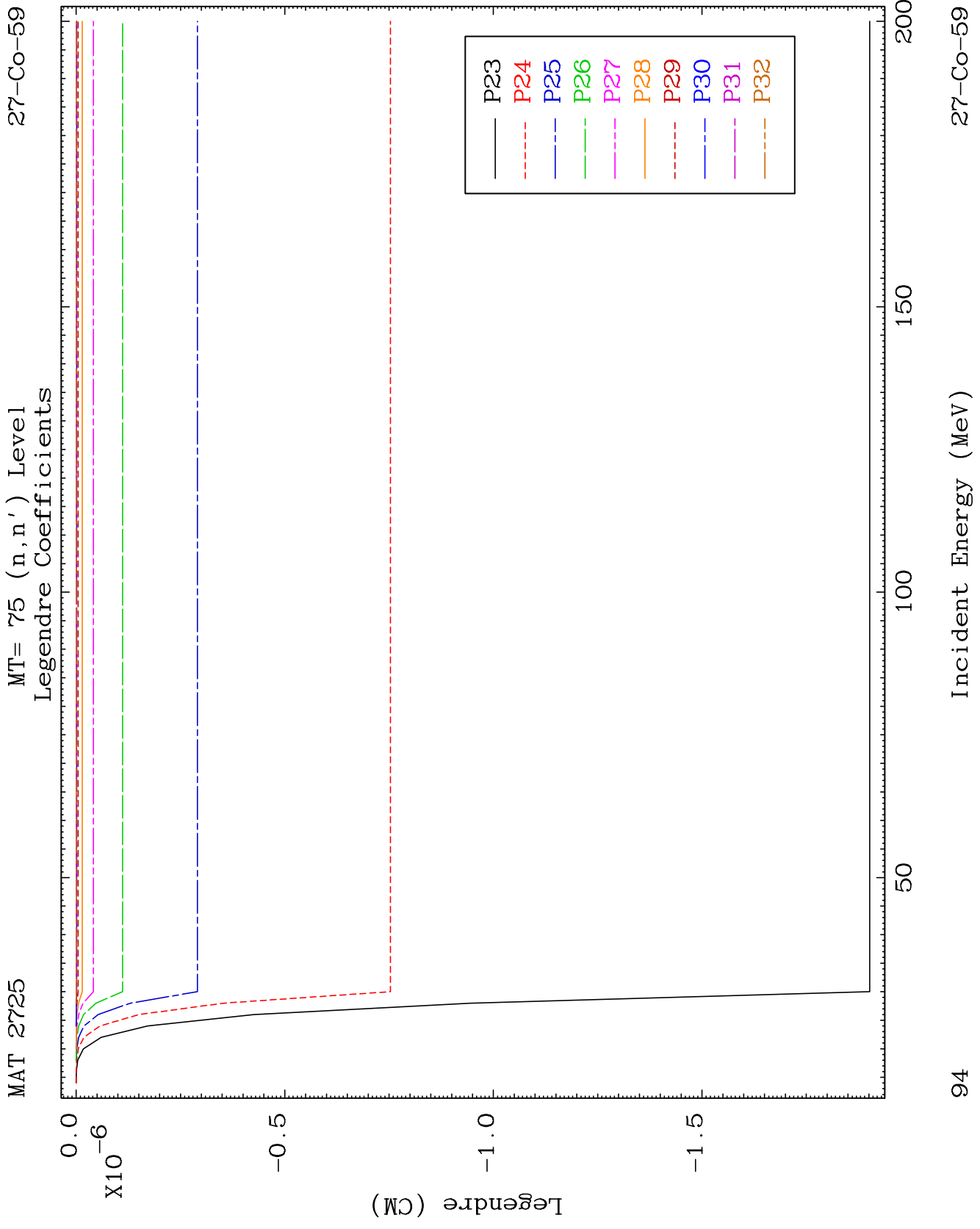
27-Co-59

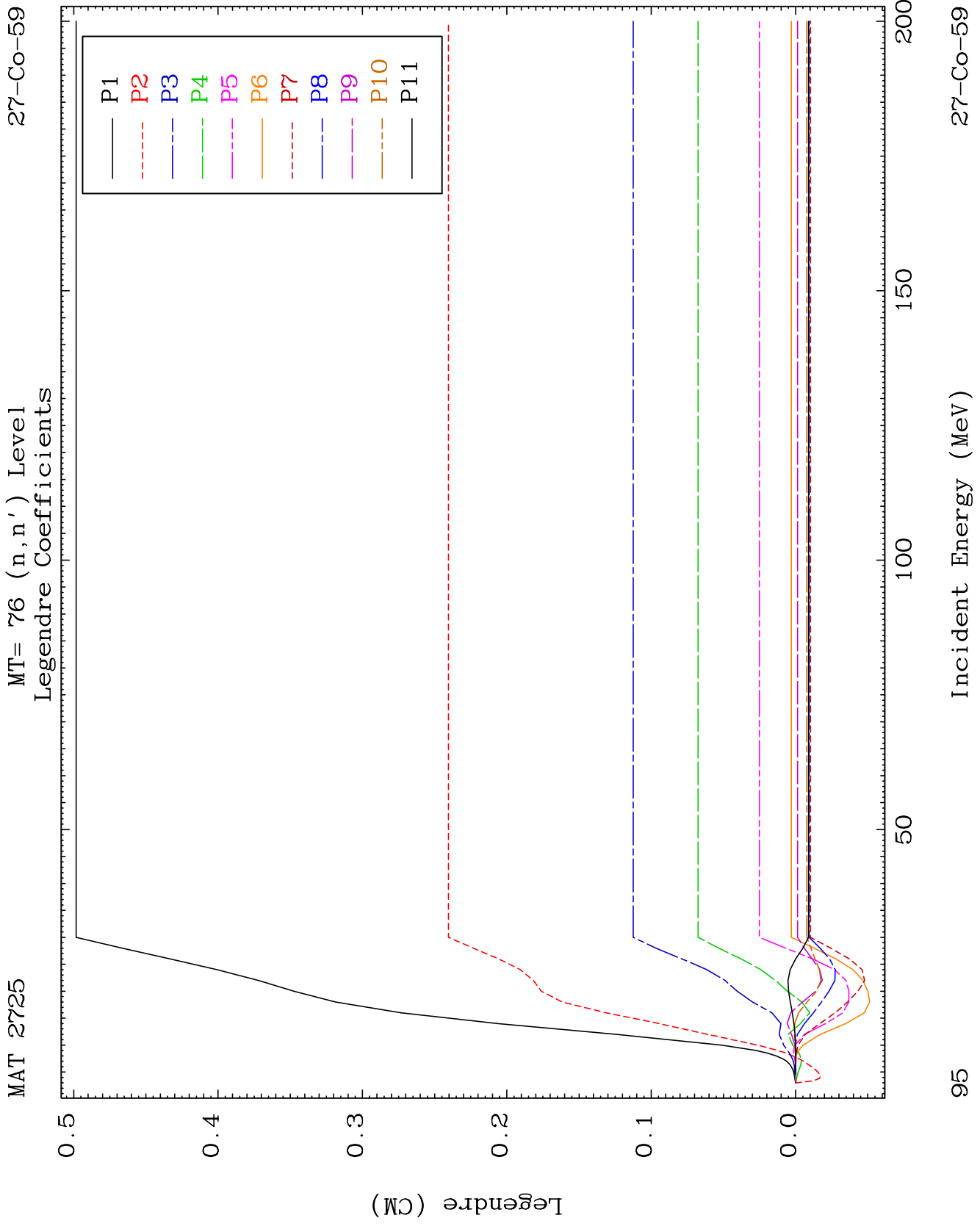


93

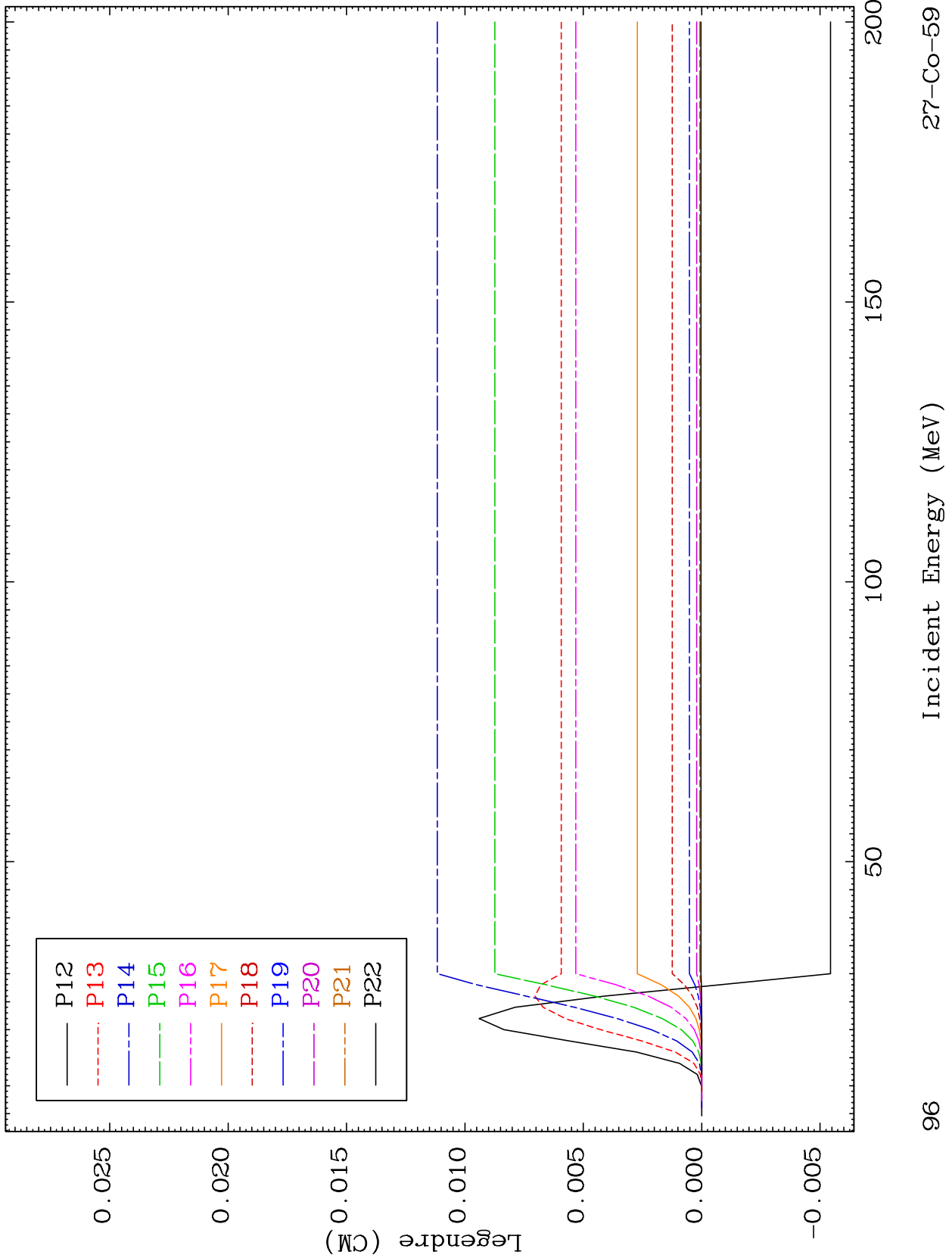
Incident Energy (MeV)

27-Co-59





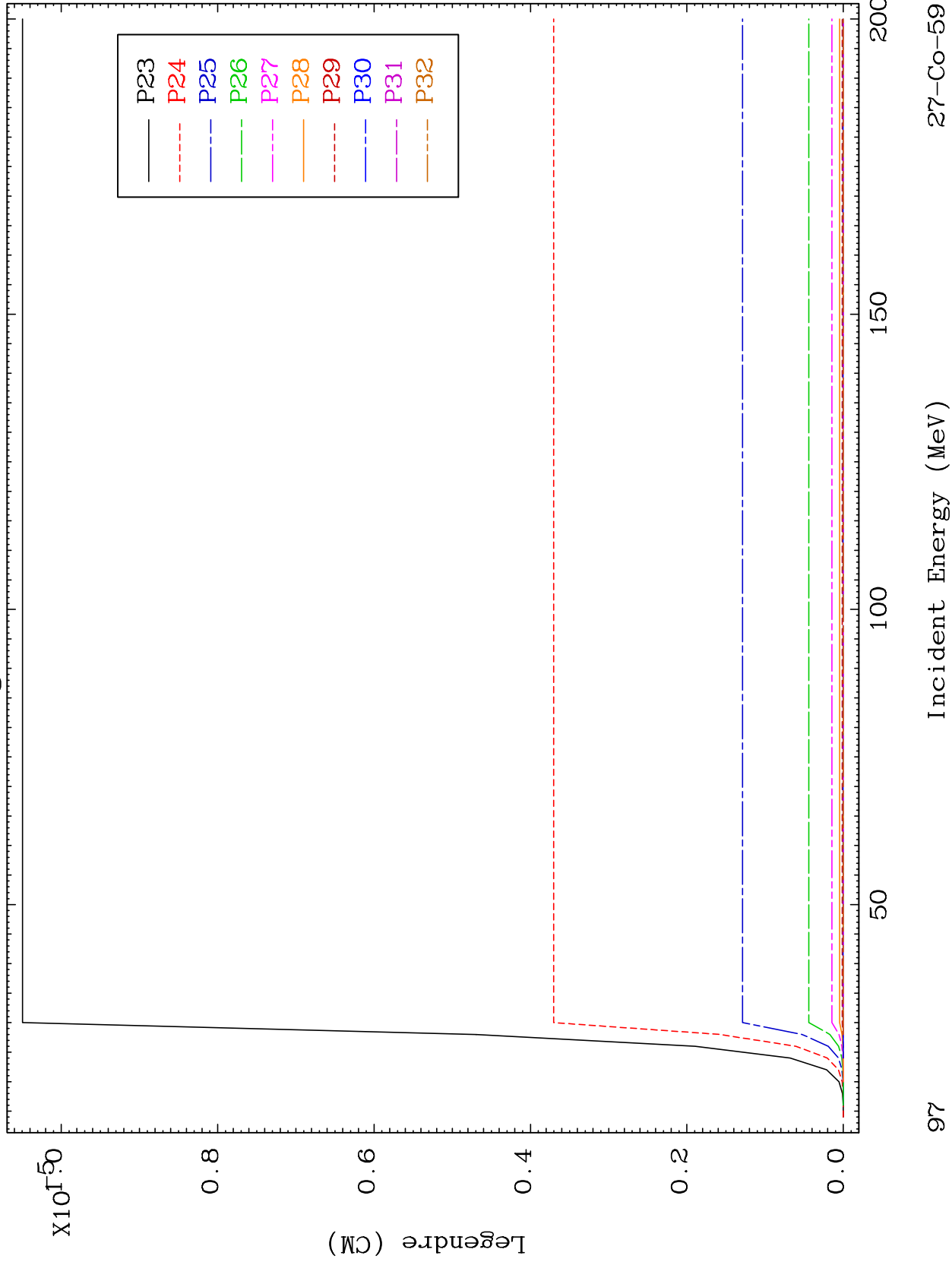




MAT 2725

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

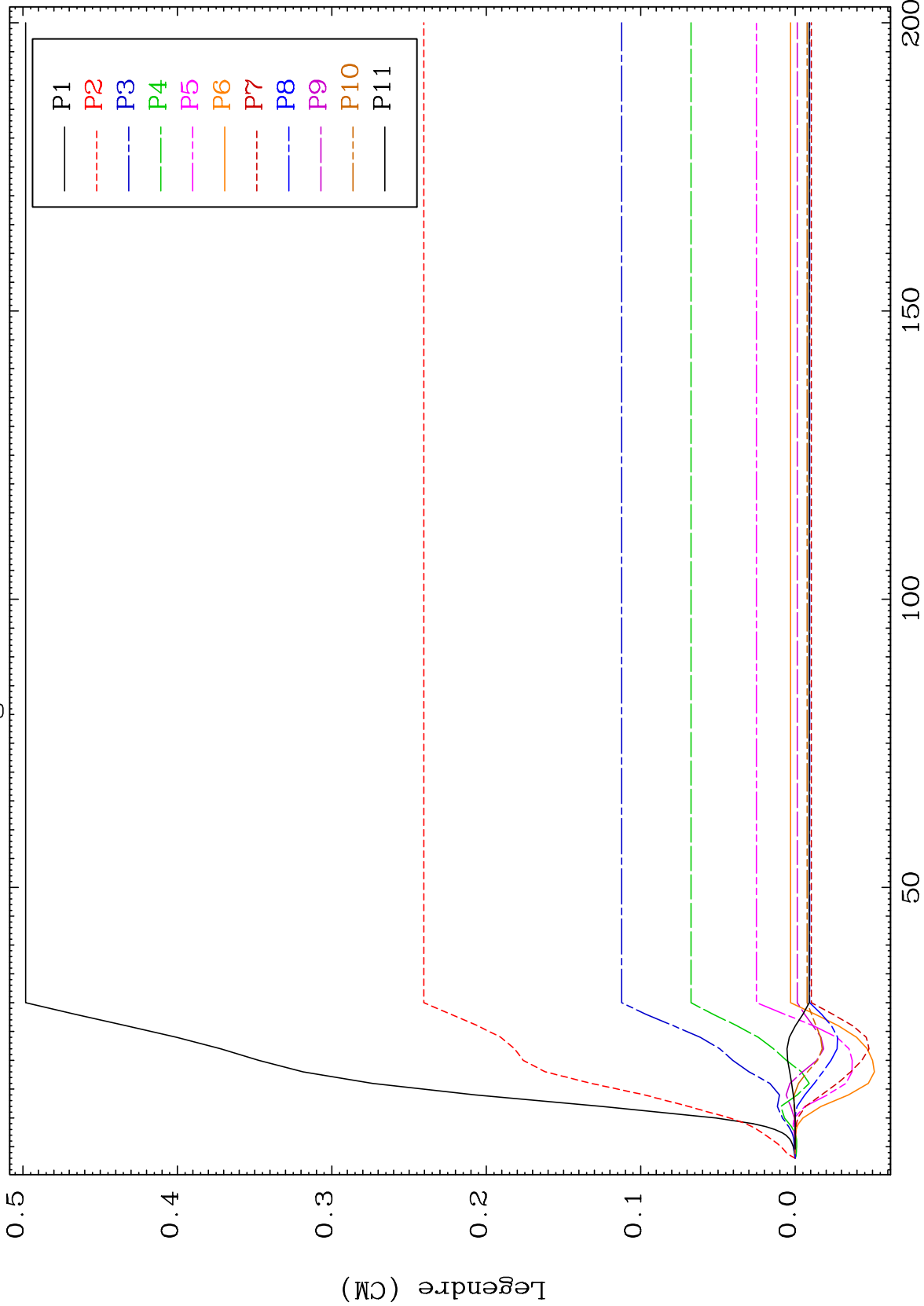
27-Co-59



MAT 2725

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

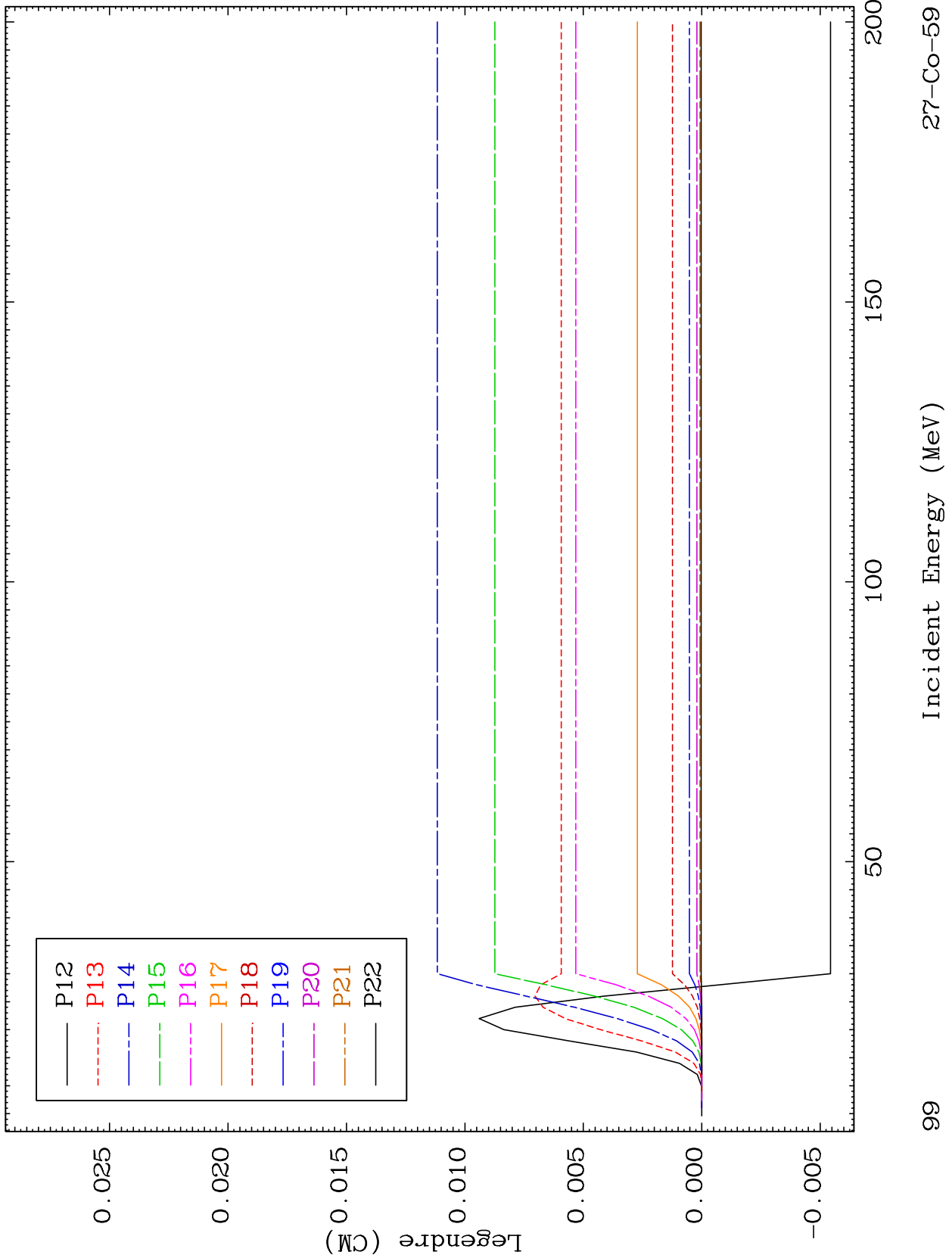
27-Co-59



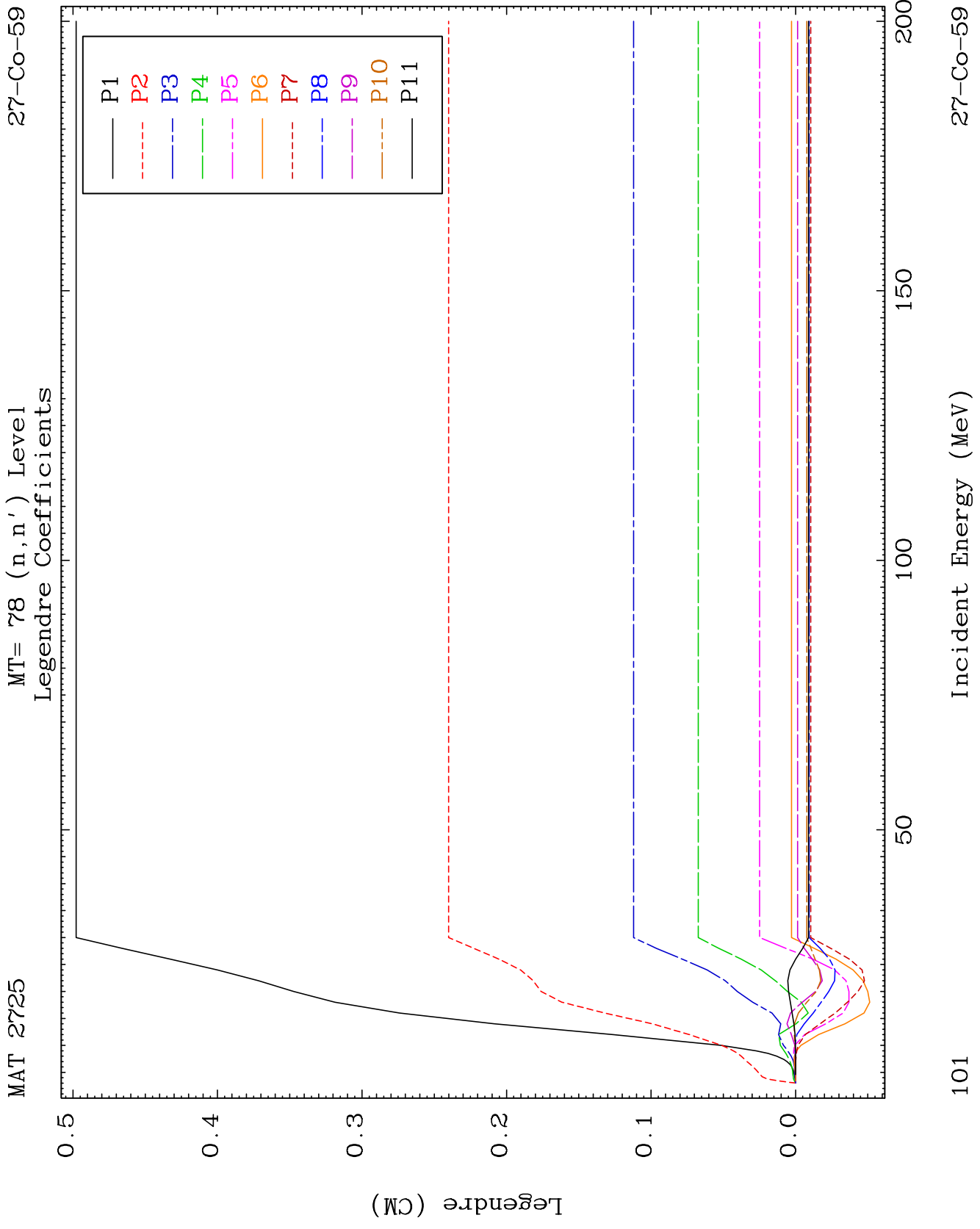
98

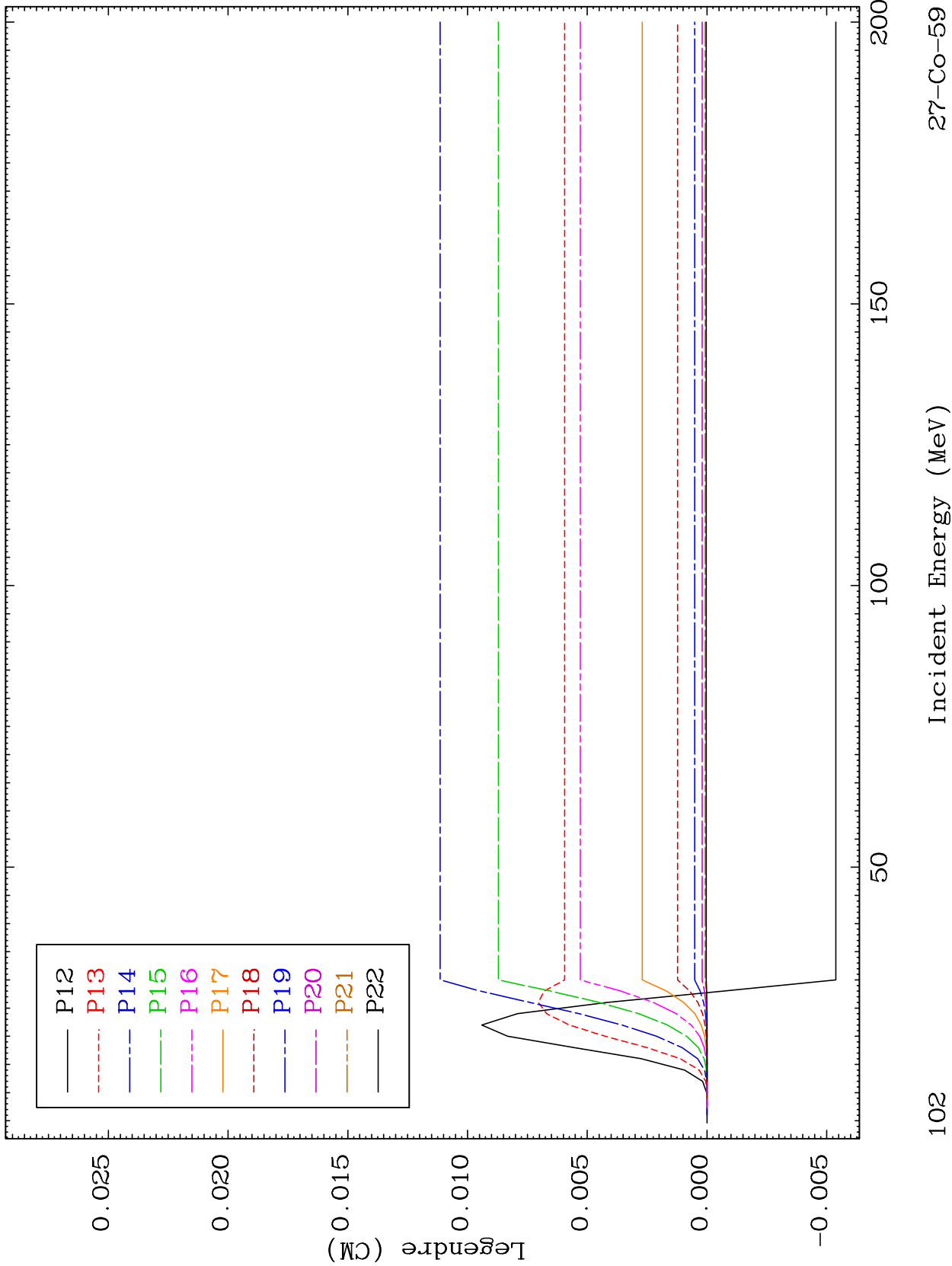
Incident Energy (MeV)

27-Co-59





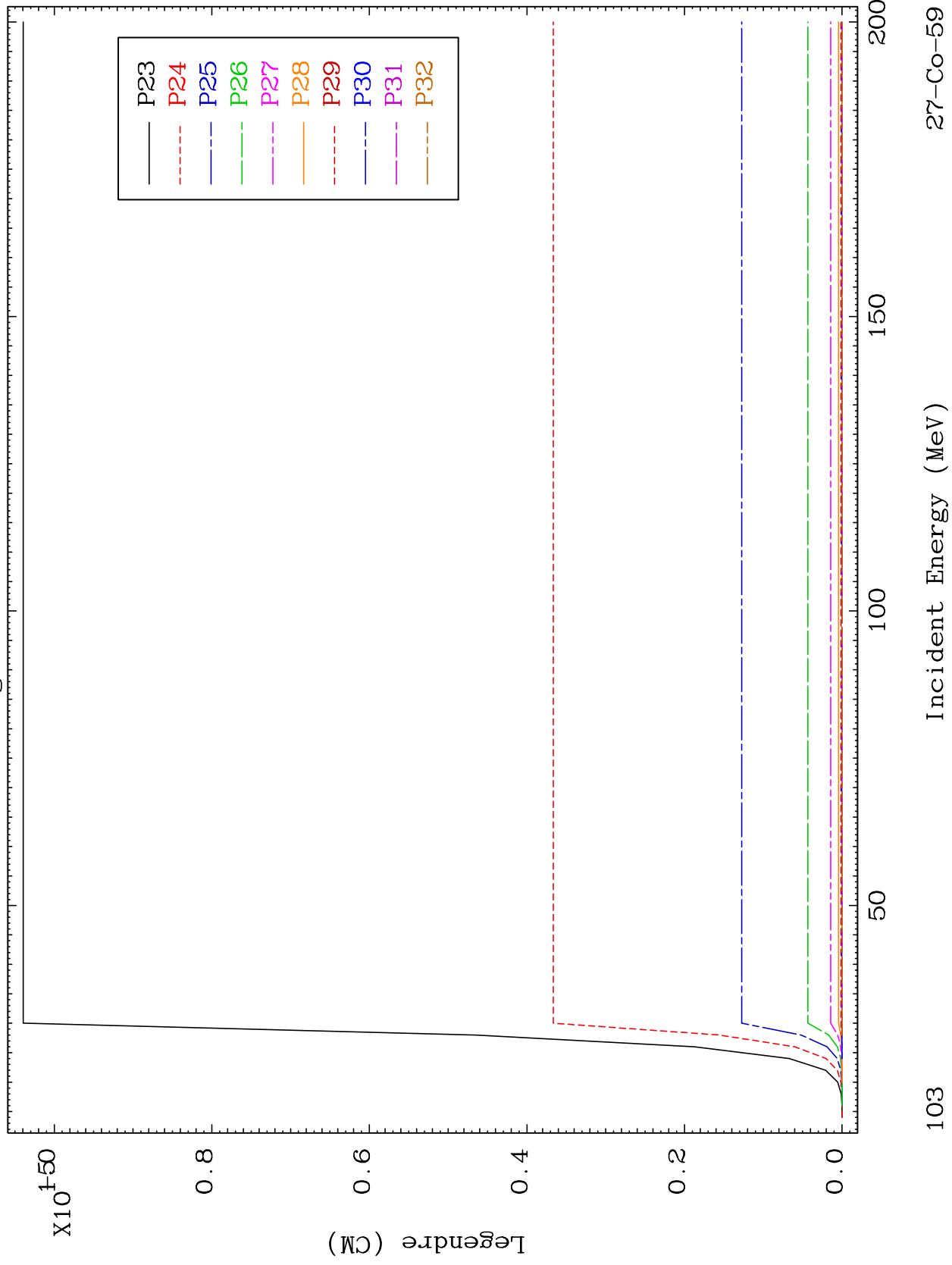




MAT 2725

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

27-Co-59

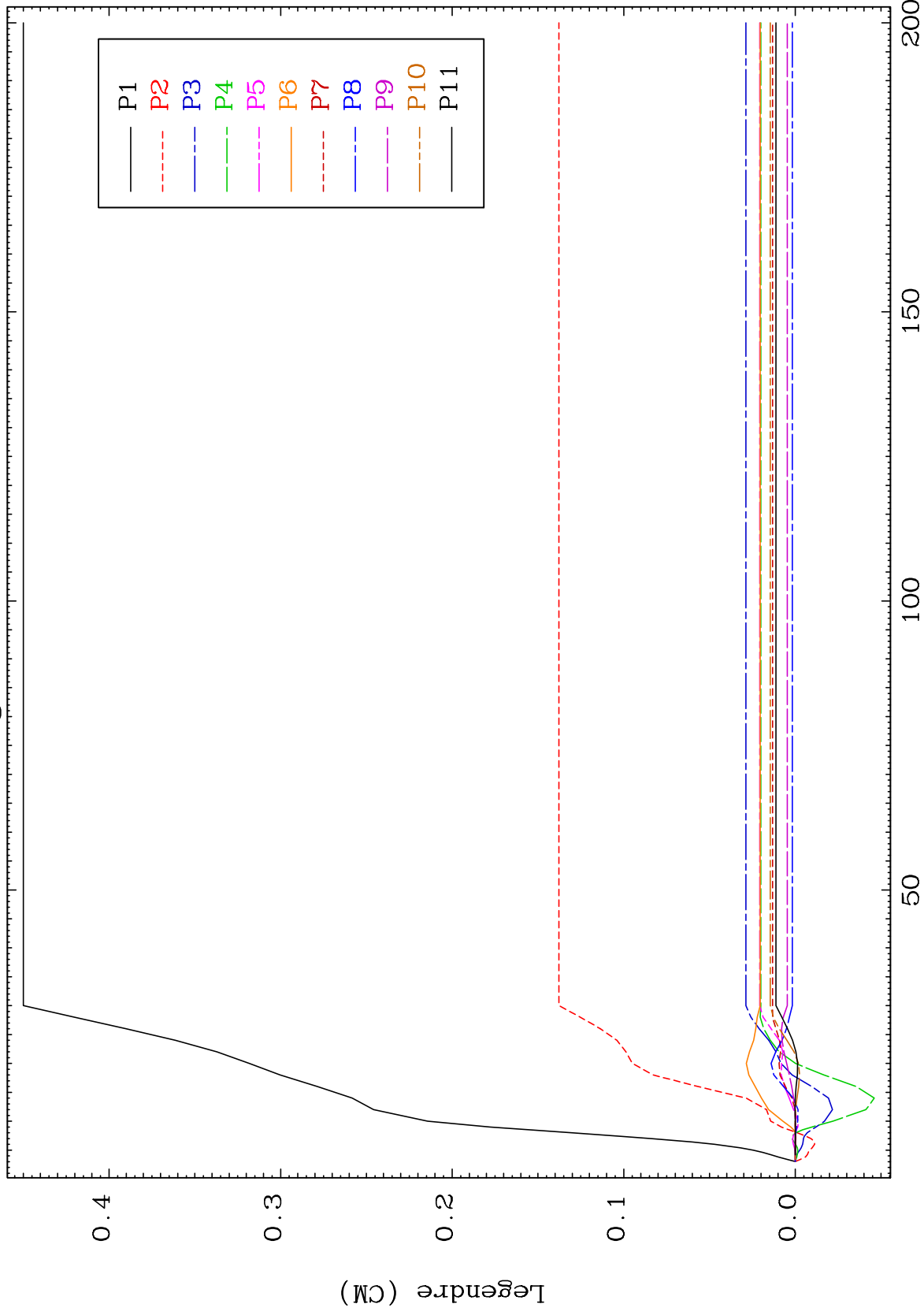




MAT 2725

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

27-Co-59



104

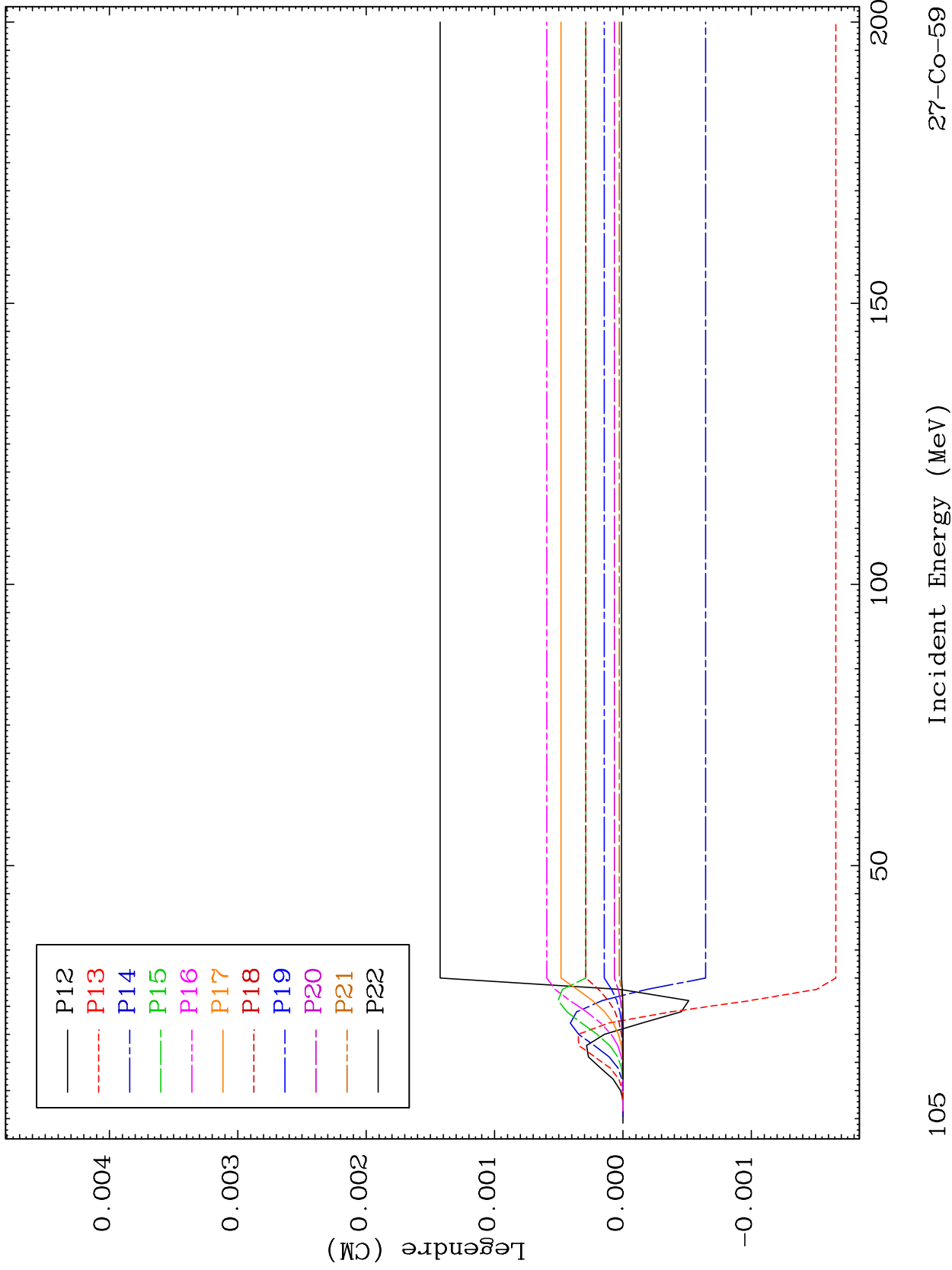
Incident Energy (MeV)

27-Co-59

MAT 2725

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

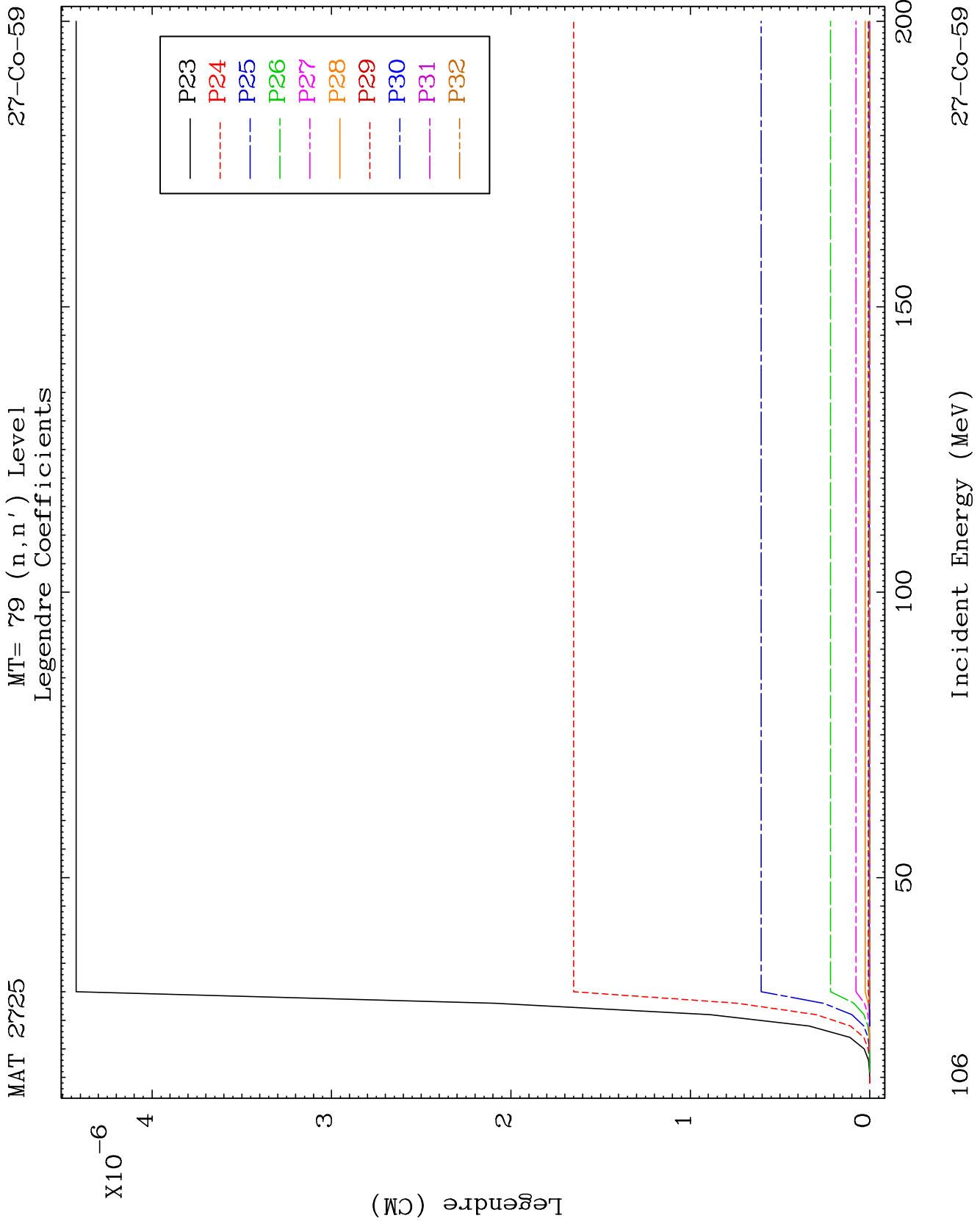
27-Co-59

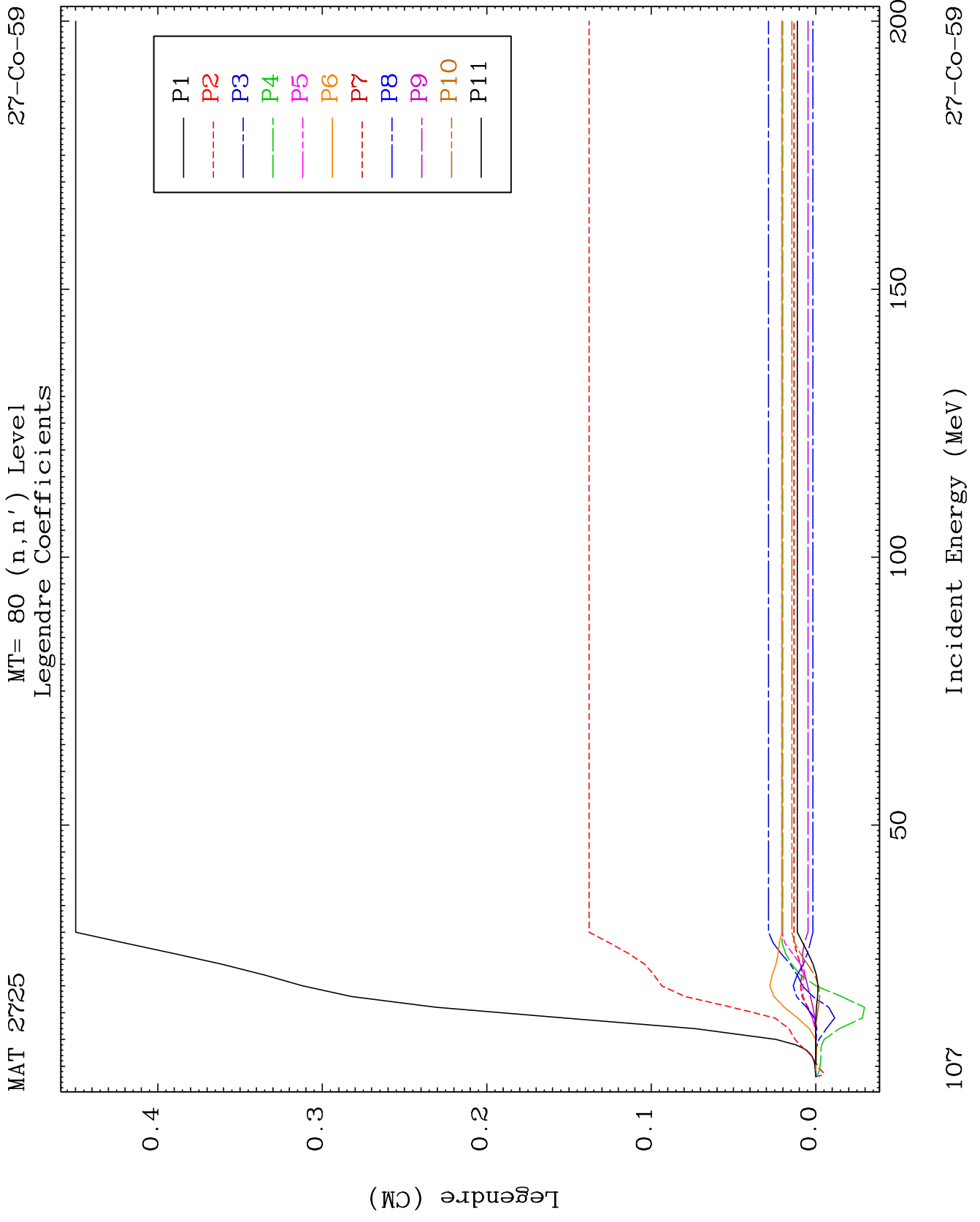


105

Incident Energy (MeV)

27-Co-59

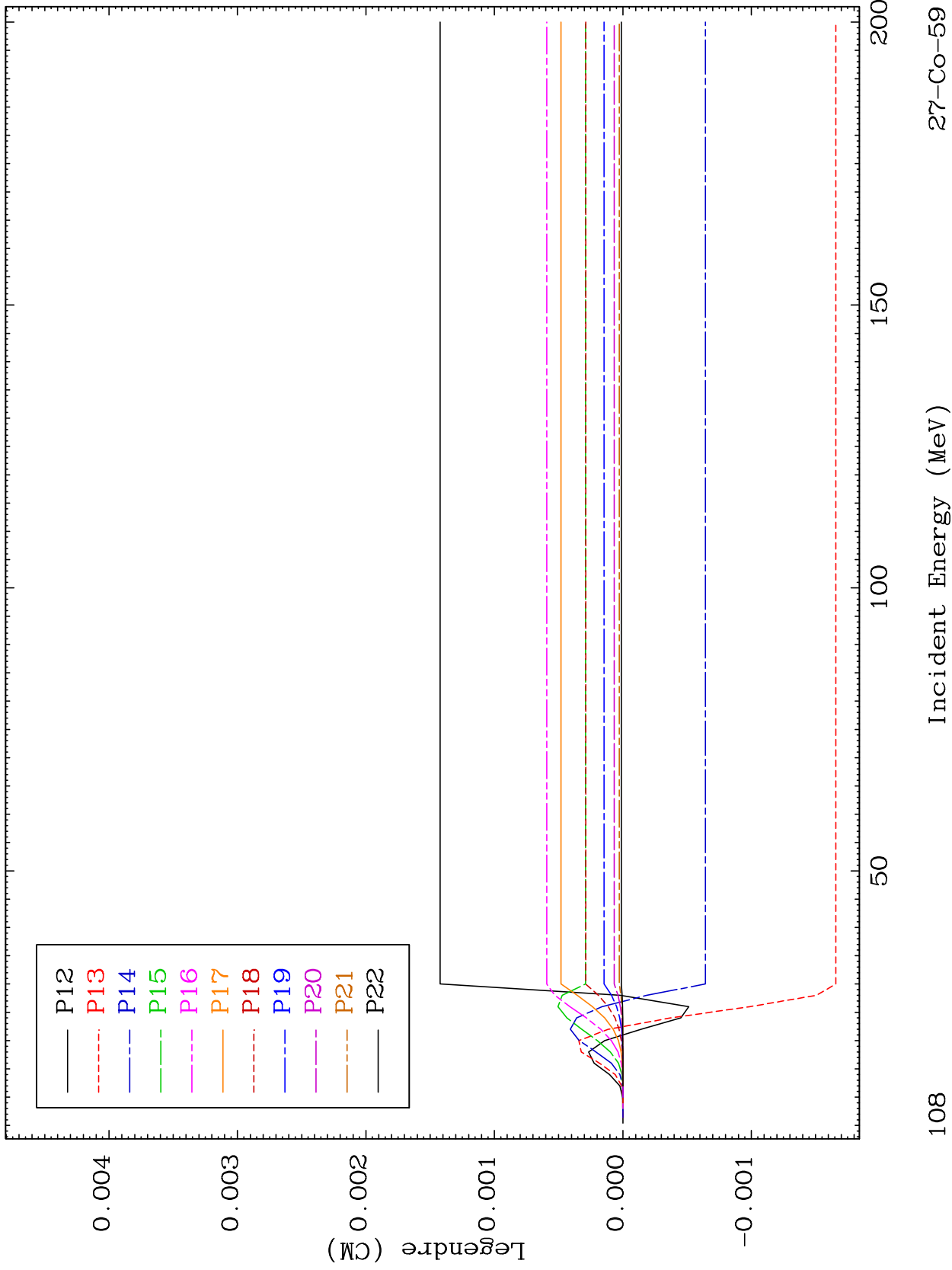




MAT 2725

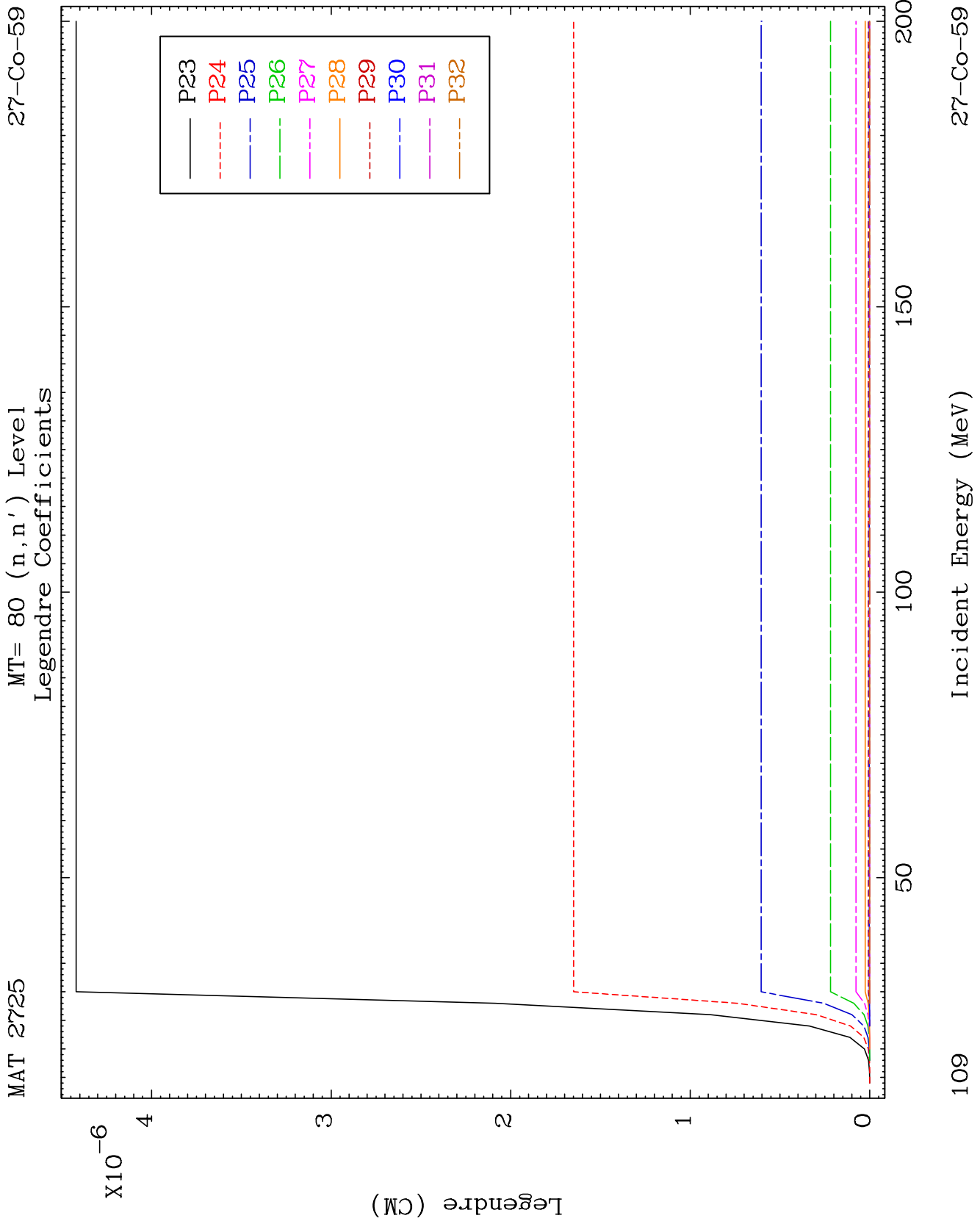
MT= 80 (n,n') Level  
Legendre Coefficients

27-Co-59



108

27-Co-59

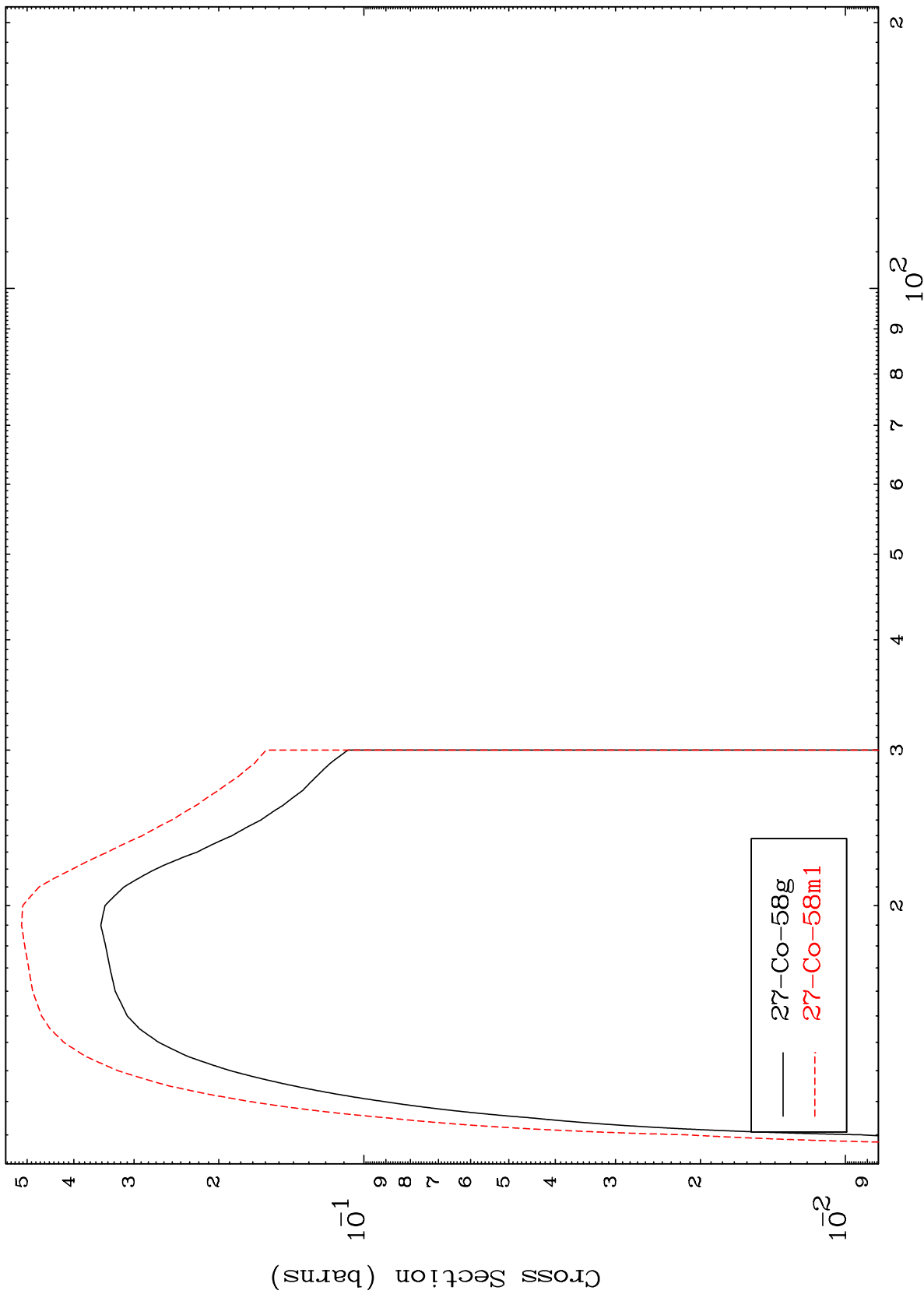


MAT 2725

<sup>27</sup>Co-59

Radionuclide Production Cross Section

(n,2n)



110

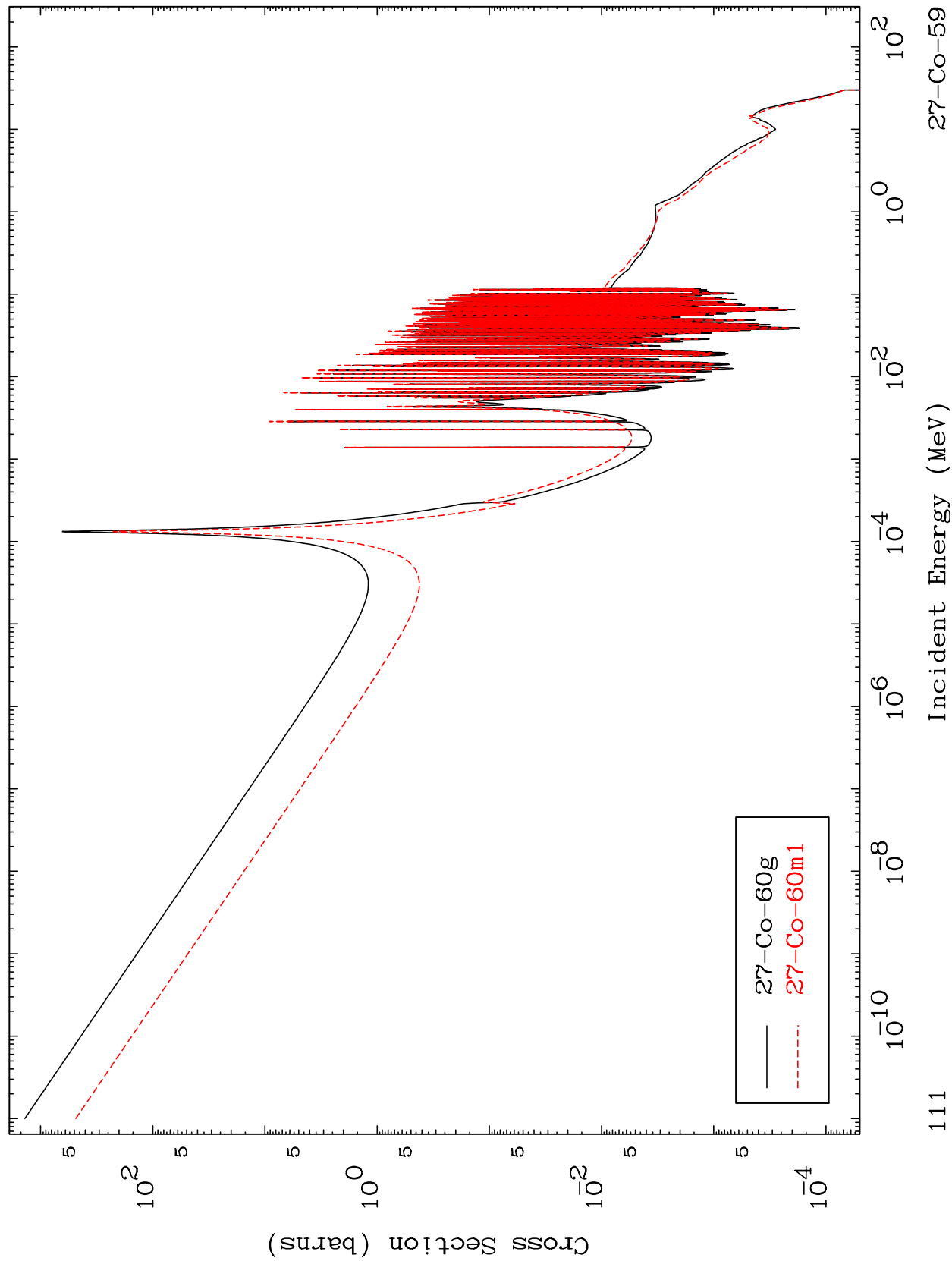
Incident Energy (MeV)

<sup>27</sup>Co-59

MAT 2725

27-Co-59

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



27-Co-59

Incident Energy (MeV)

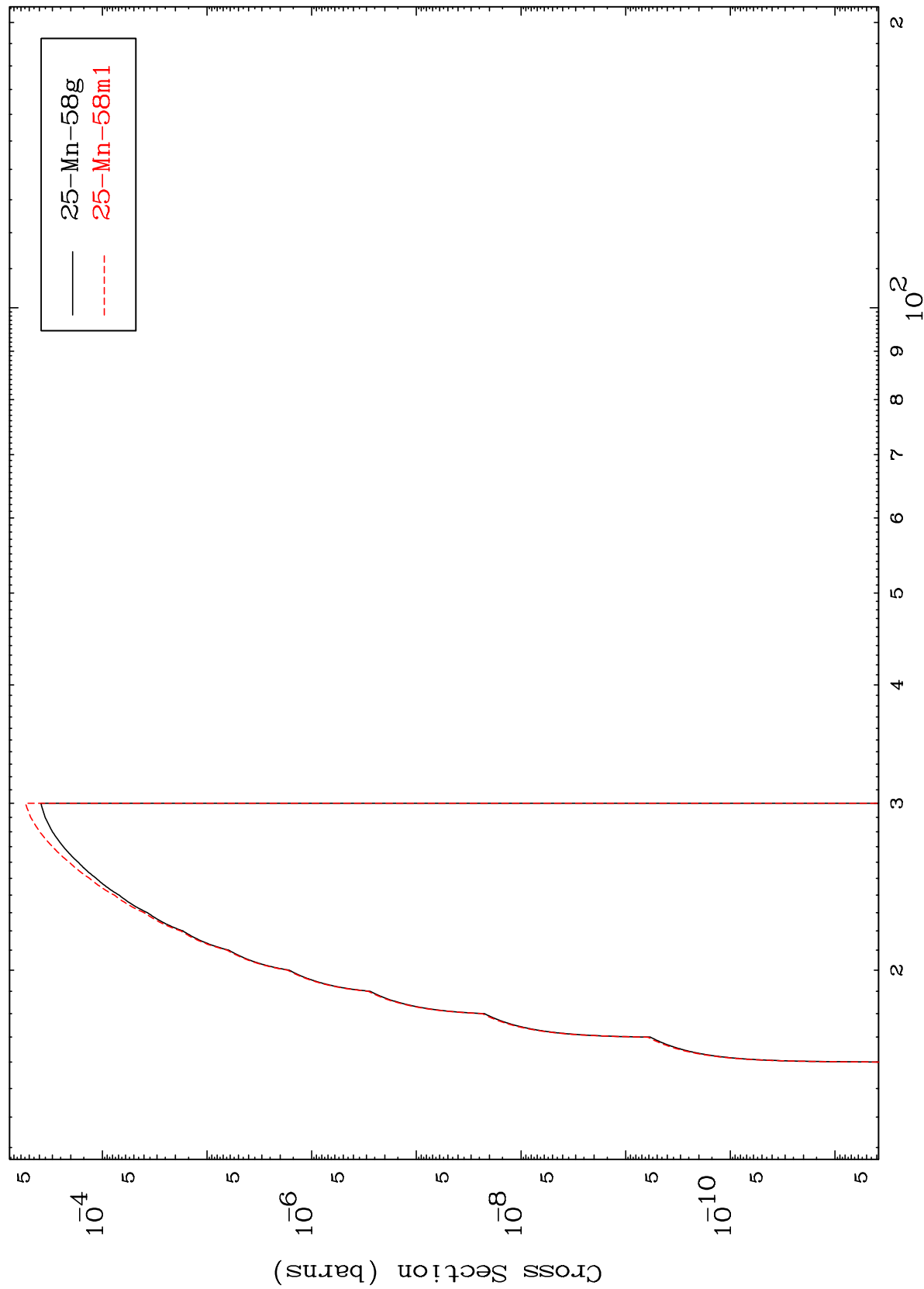
111



MAT 2725

27-Co-59

(n,2p)  
Radionuclide Production Cross Section



112

Incident Energy (MeV)

27-Co-59