

Program EVALPLOT
(Version 2015-2)

by

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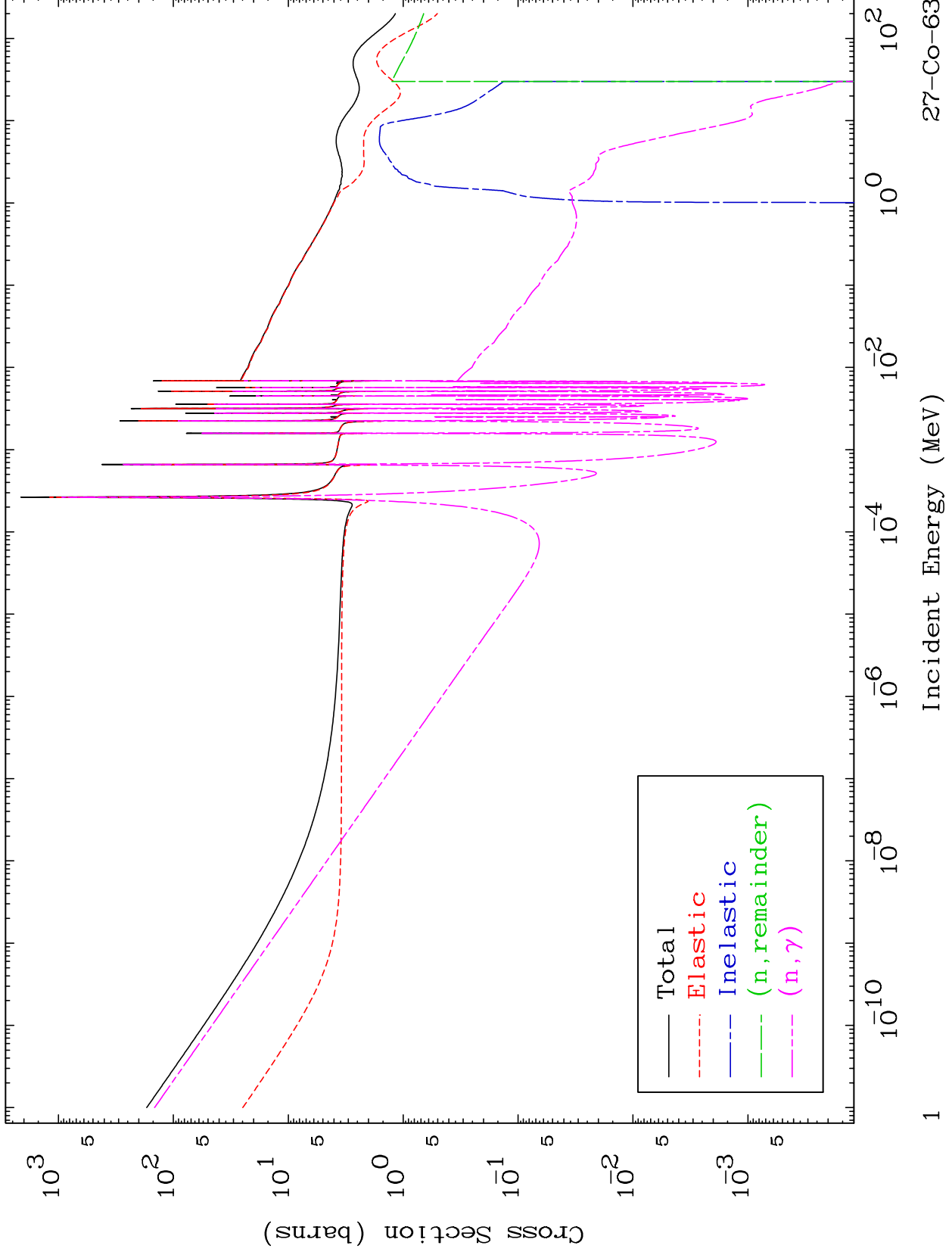
Press Mouse Button to Start

MAT 2737

Major

293 Kelvin Cross Sections

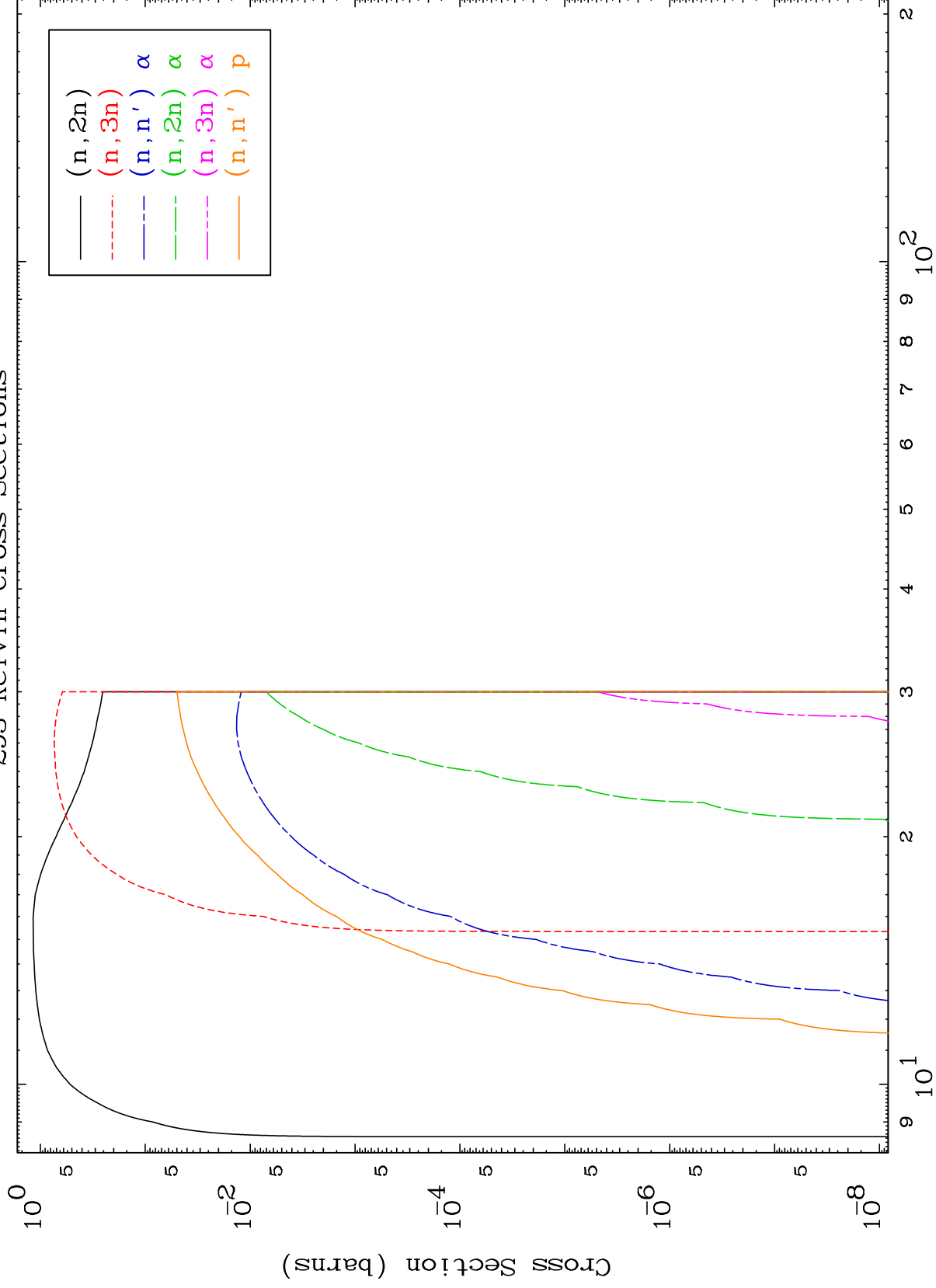
27-Co-63



MAT 2737

Neutron Production
293 Kelvin Cross Sections

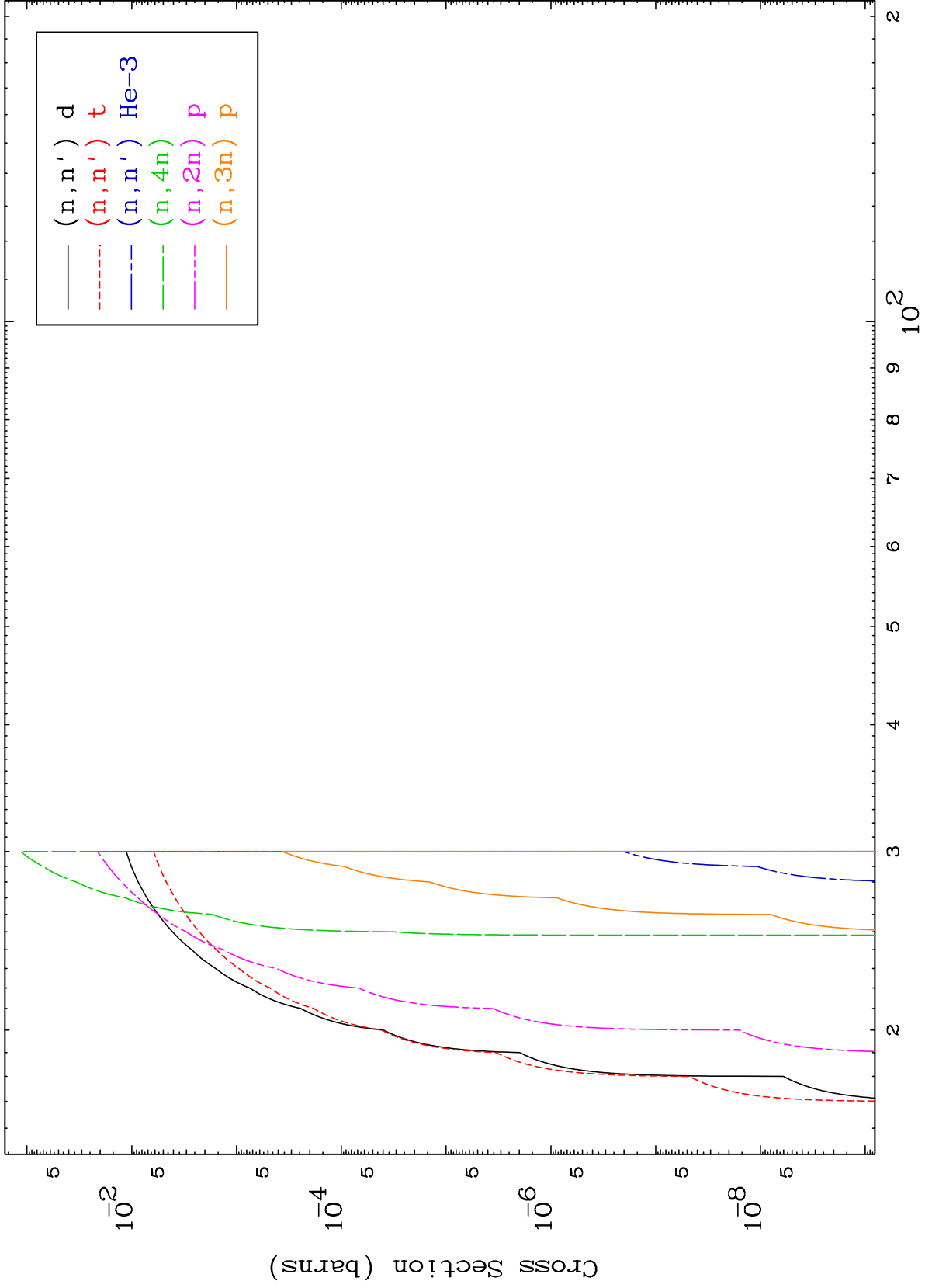
27-Co-63



2

Incident Energy (MeV)

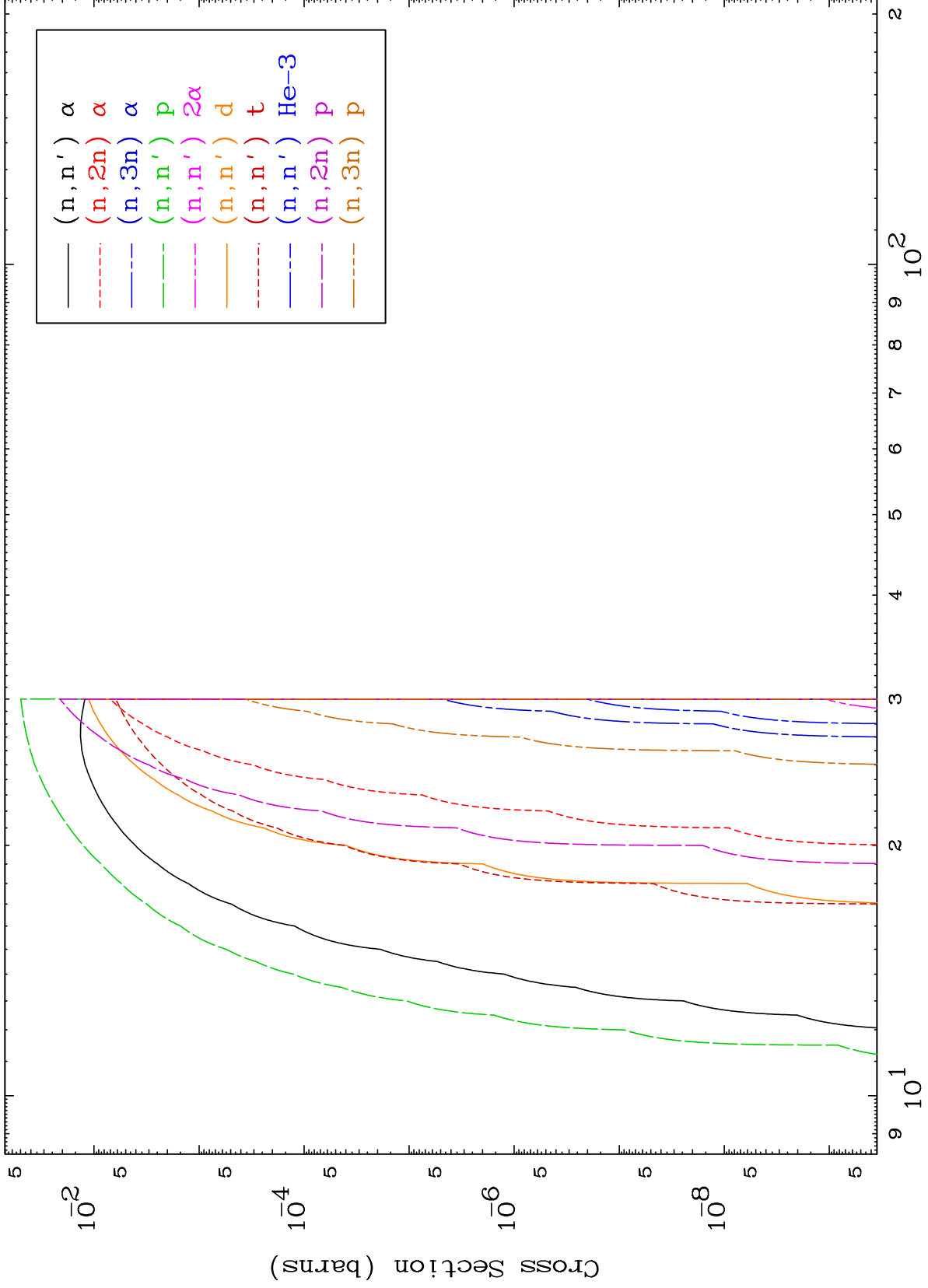
27-Co-63



MAT 2737

Charged Particle
293 Kelvin Cross Sections

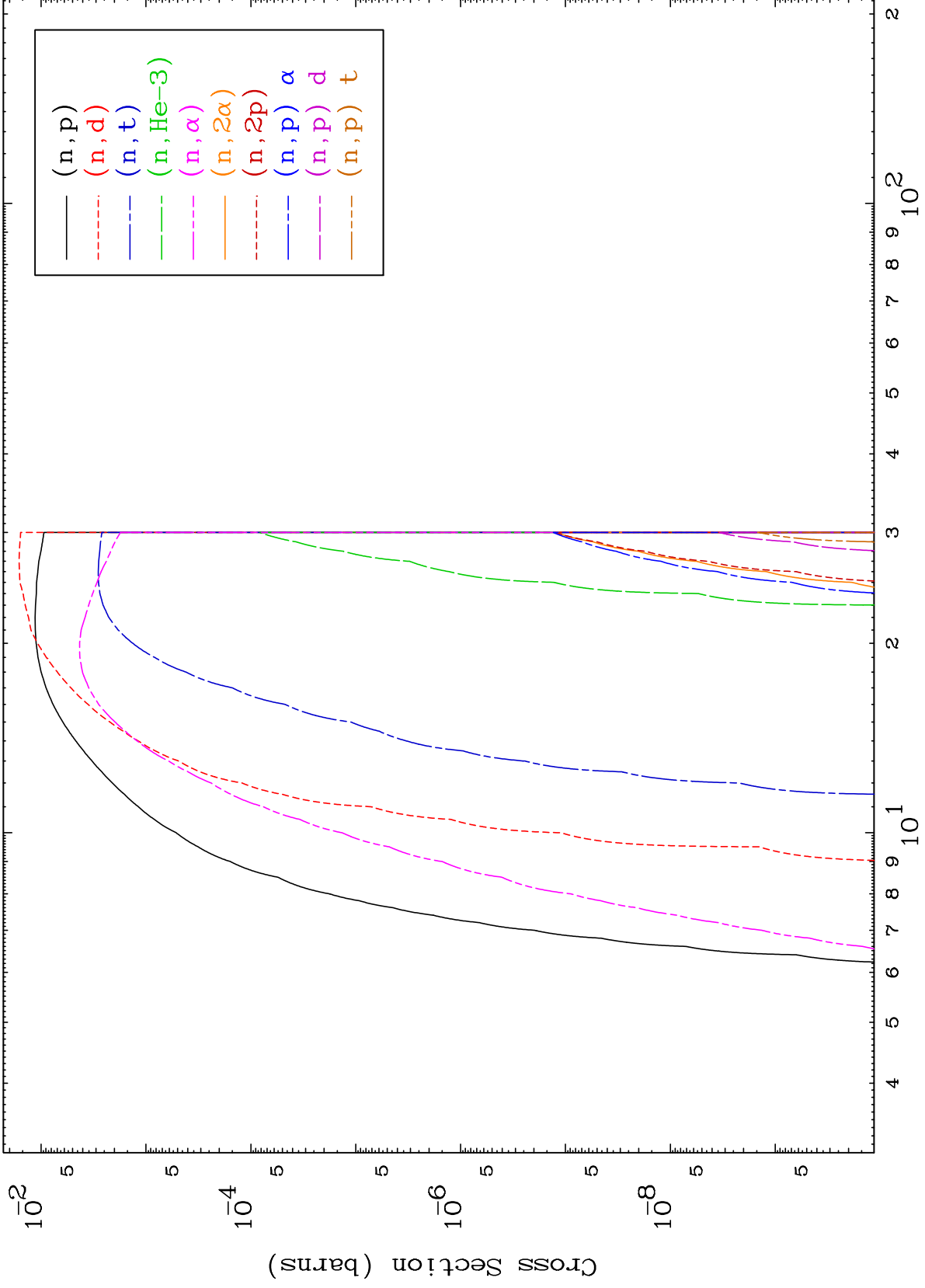
27-Co-63

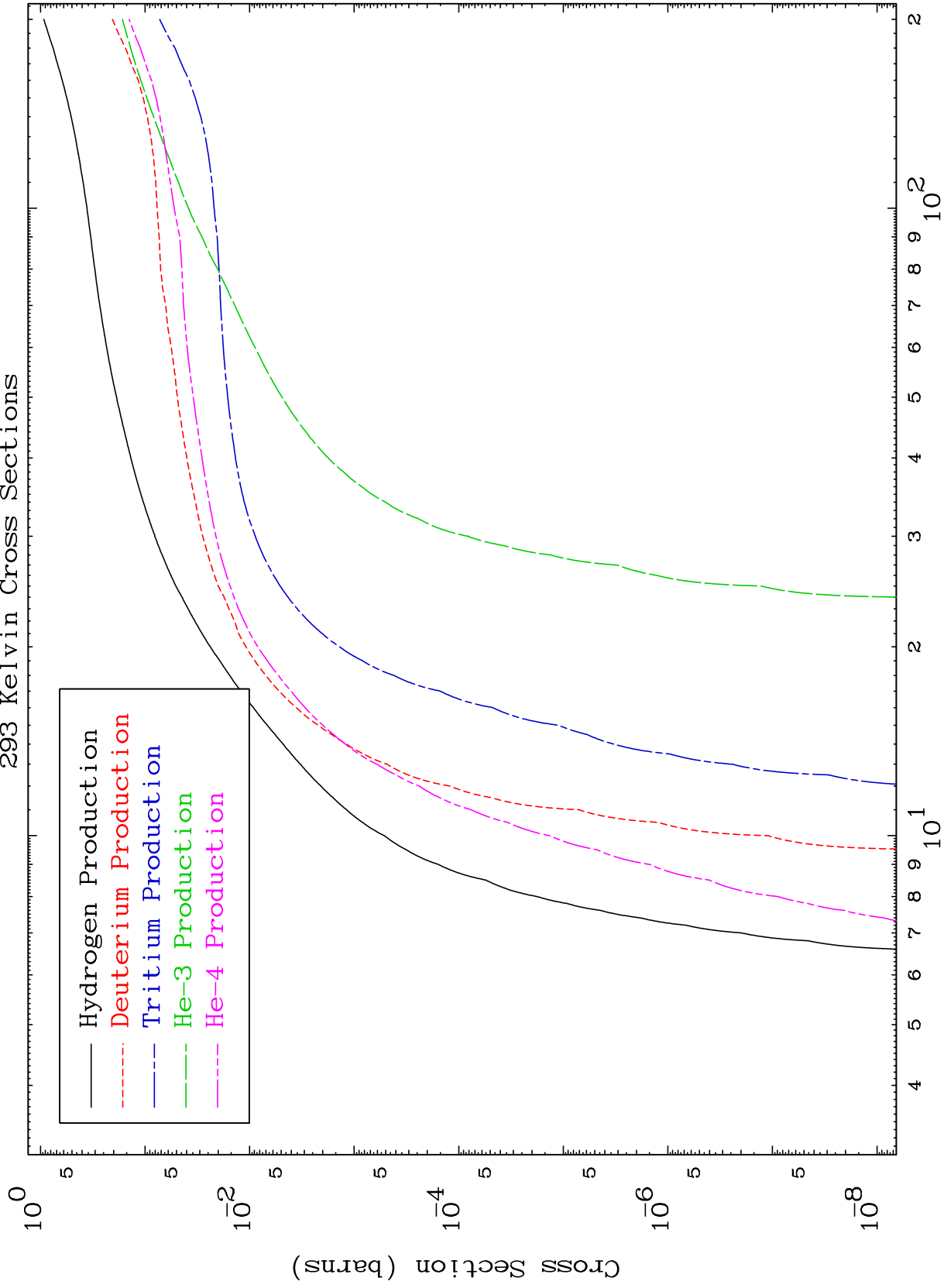


Incident Energy (MeV)

27-Co-63

4

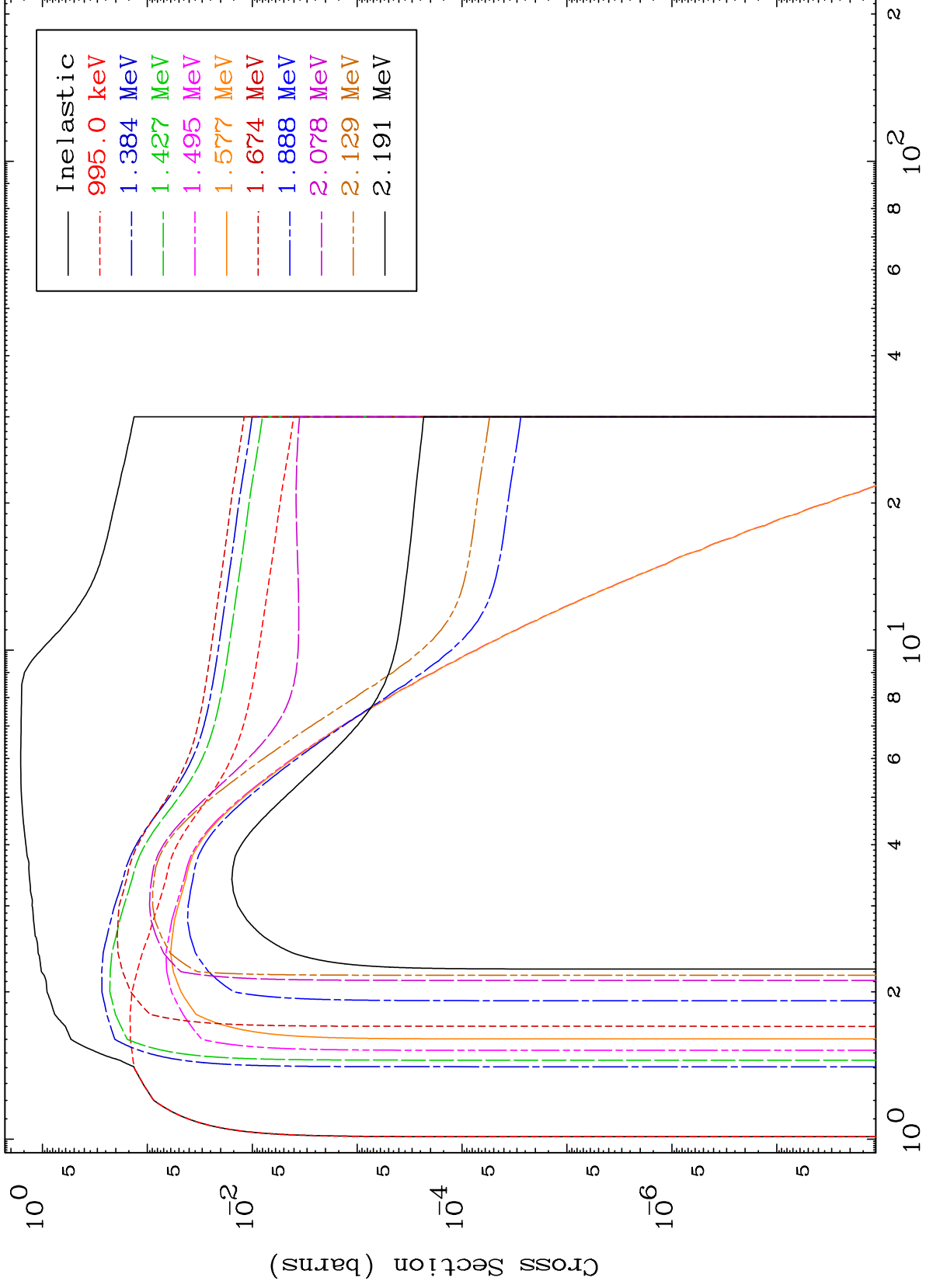




MAT 2737

(n,n') Level
293 Kelvin Cross Sections

27-Co-63



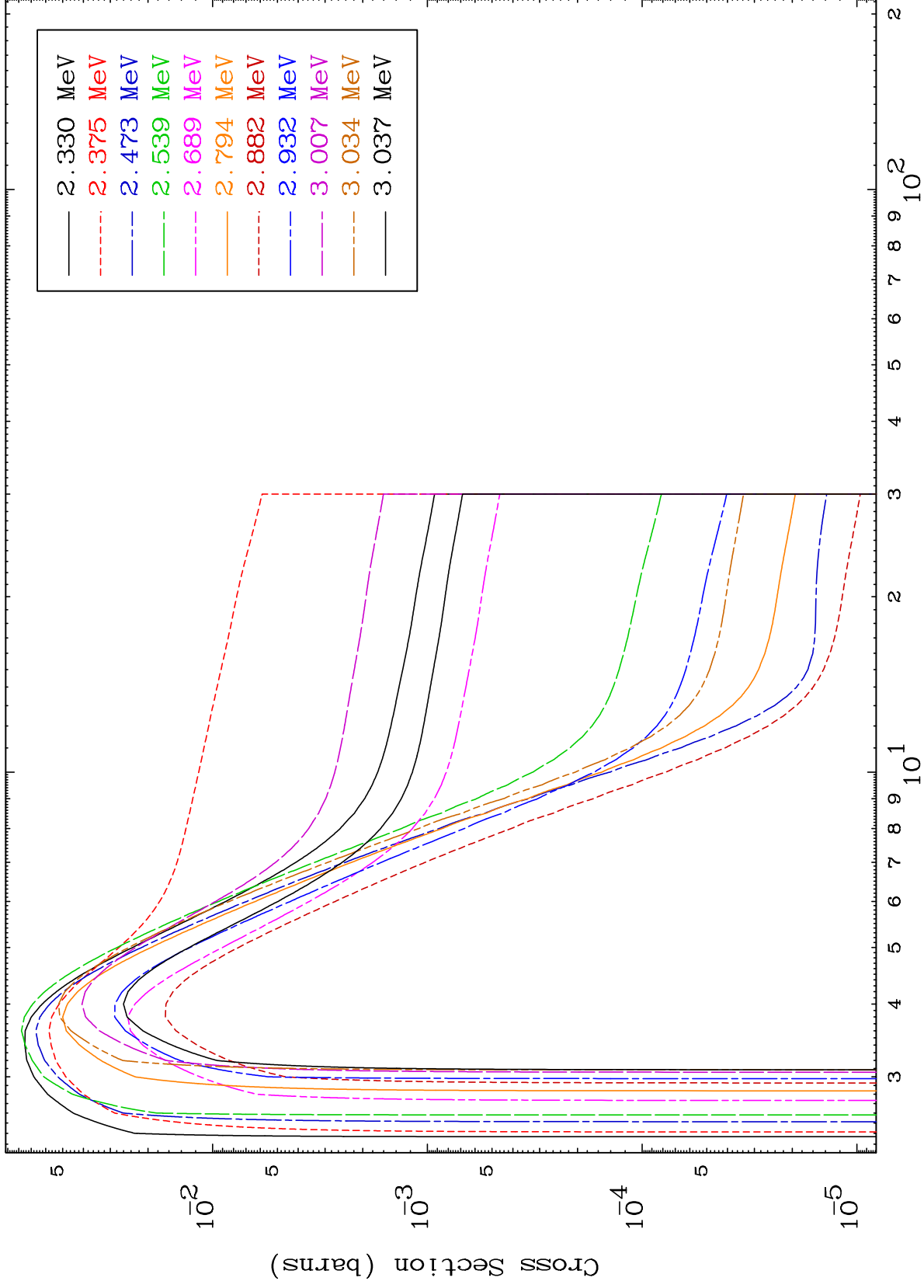
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,n') Level
293 Kelvin Cross Sections

27-Co-63



8

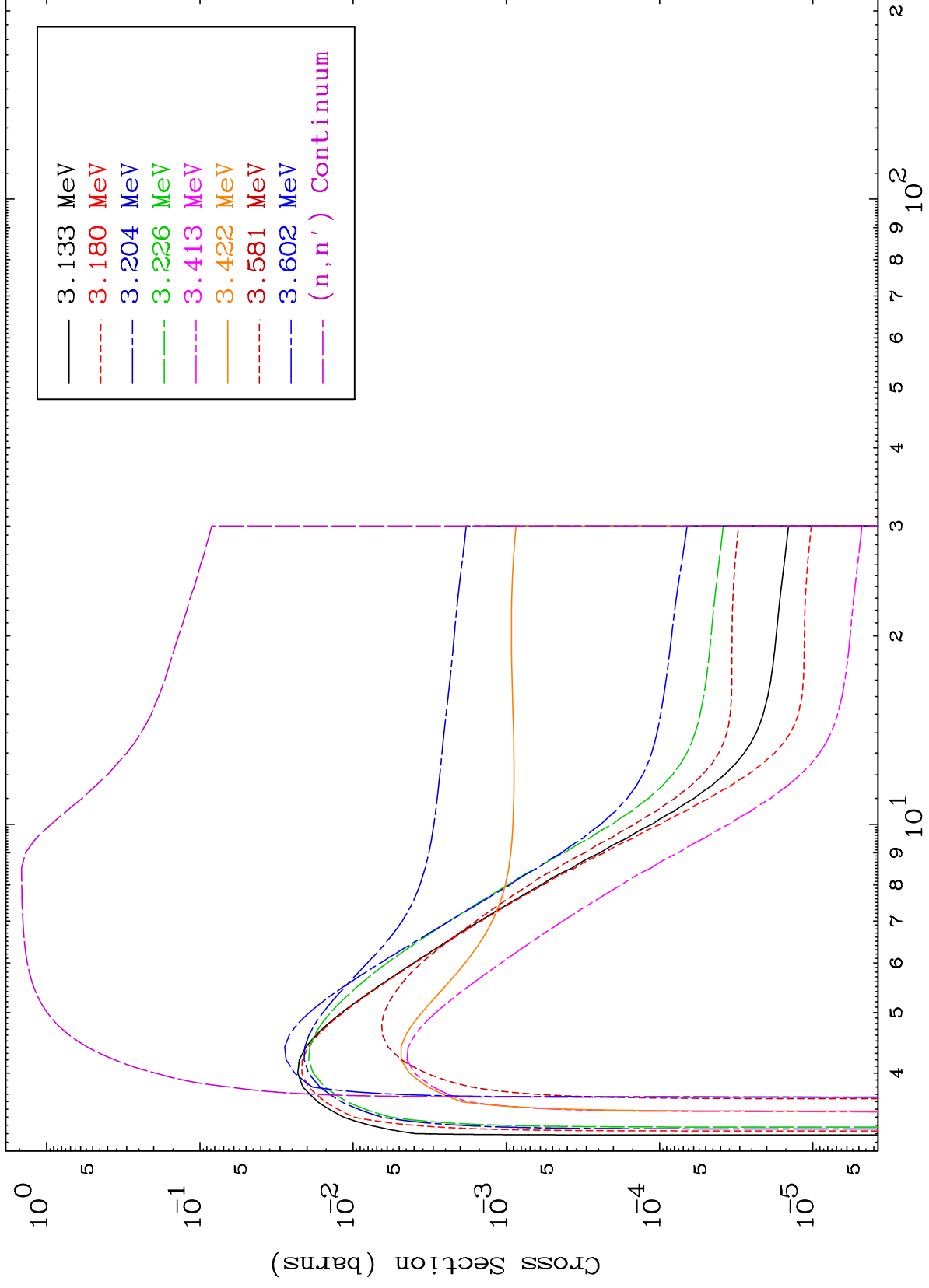
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,n') Level
293 Kelvin Cross Sections

27-Co-63



9

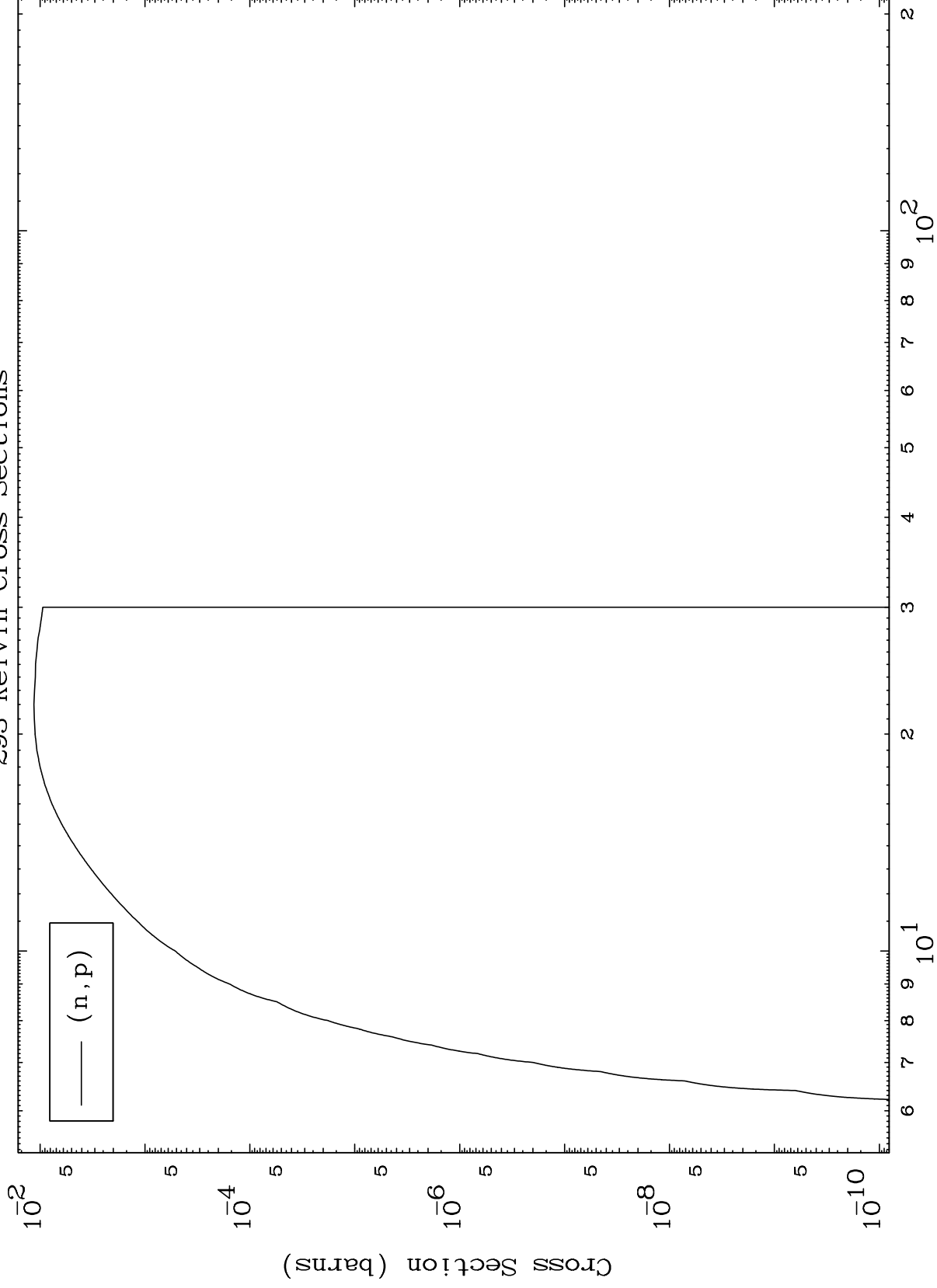
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,p) Levels
293 Kelvin Cross Sections

27-Co-63



10

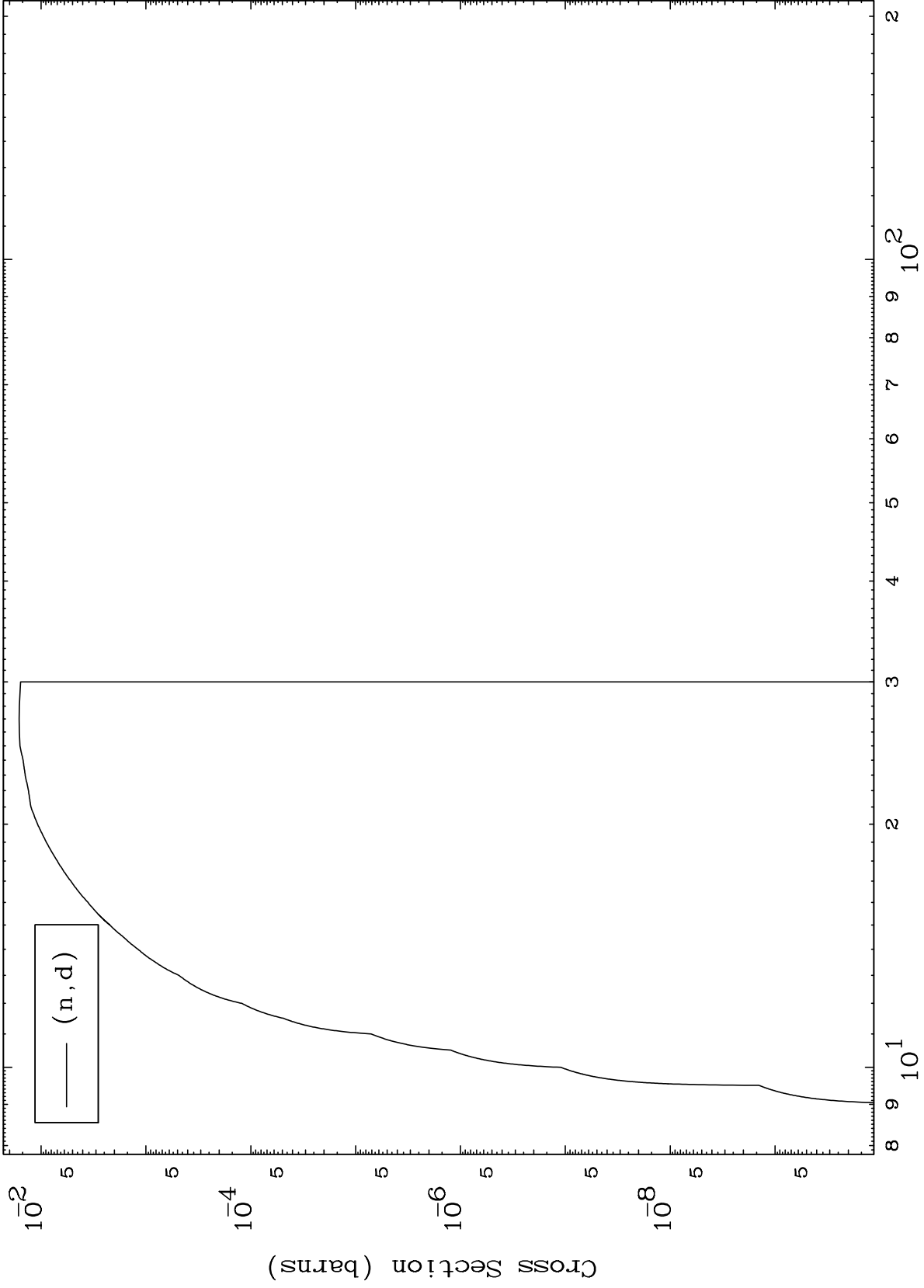
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,d) Levels
293 Kelvin Cross Sections

27-Co-63



11

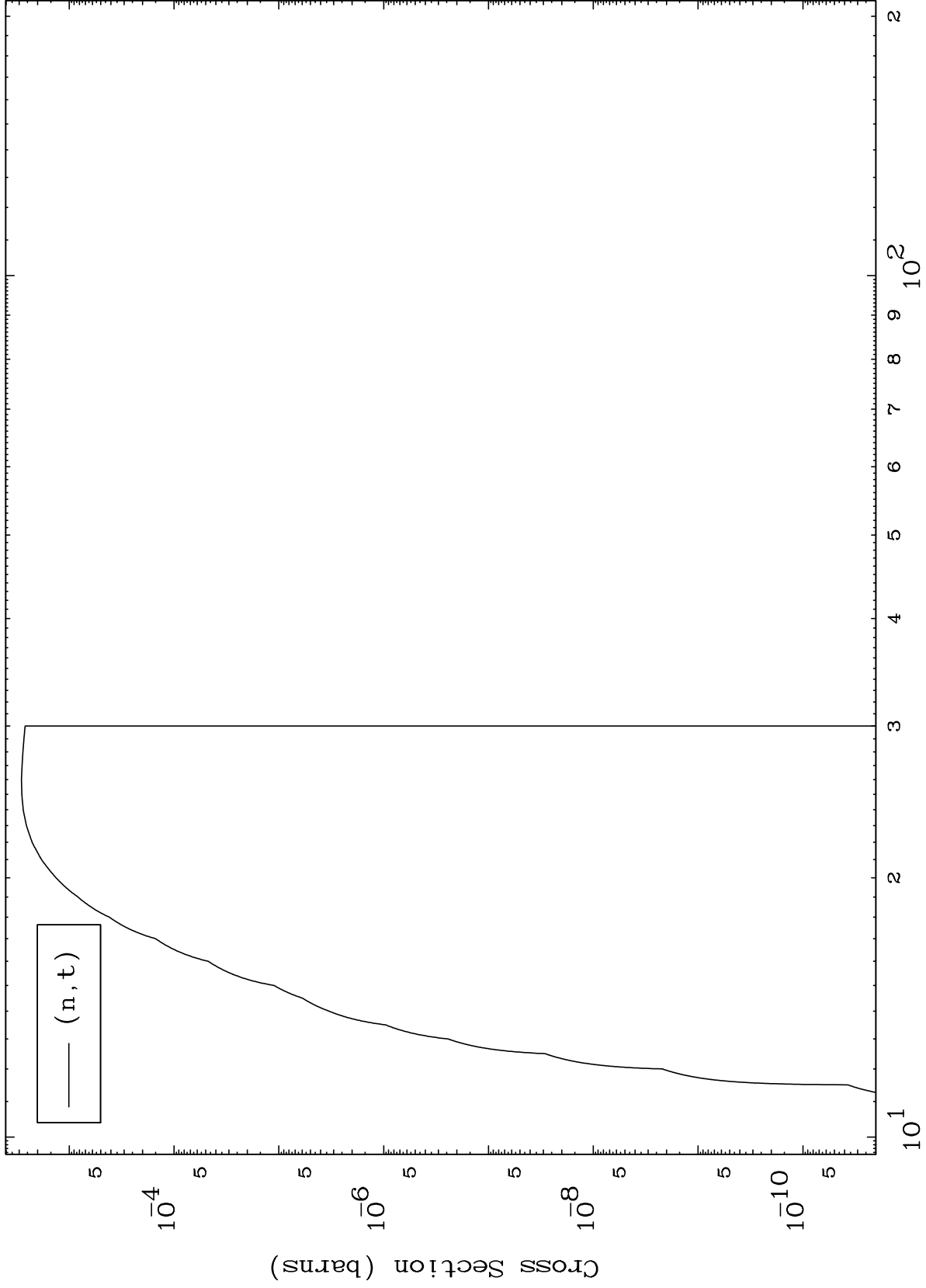
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27-Co-63

MAT 2737

(n,t) Levels
293 Kelvin Cross Sections

27-Co-63



Incident Energy (MeV)

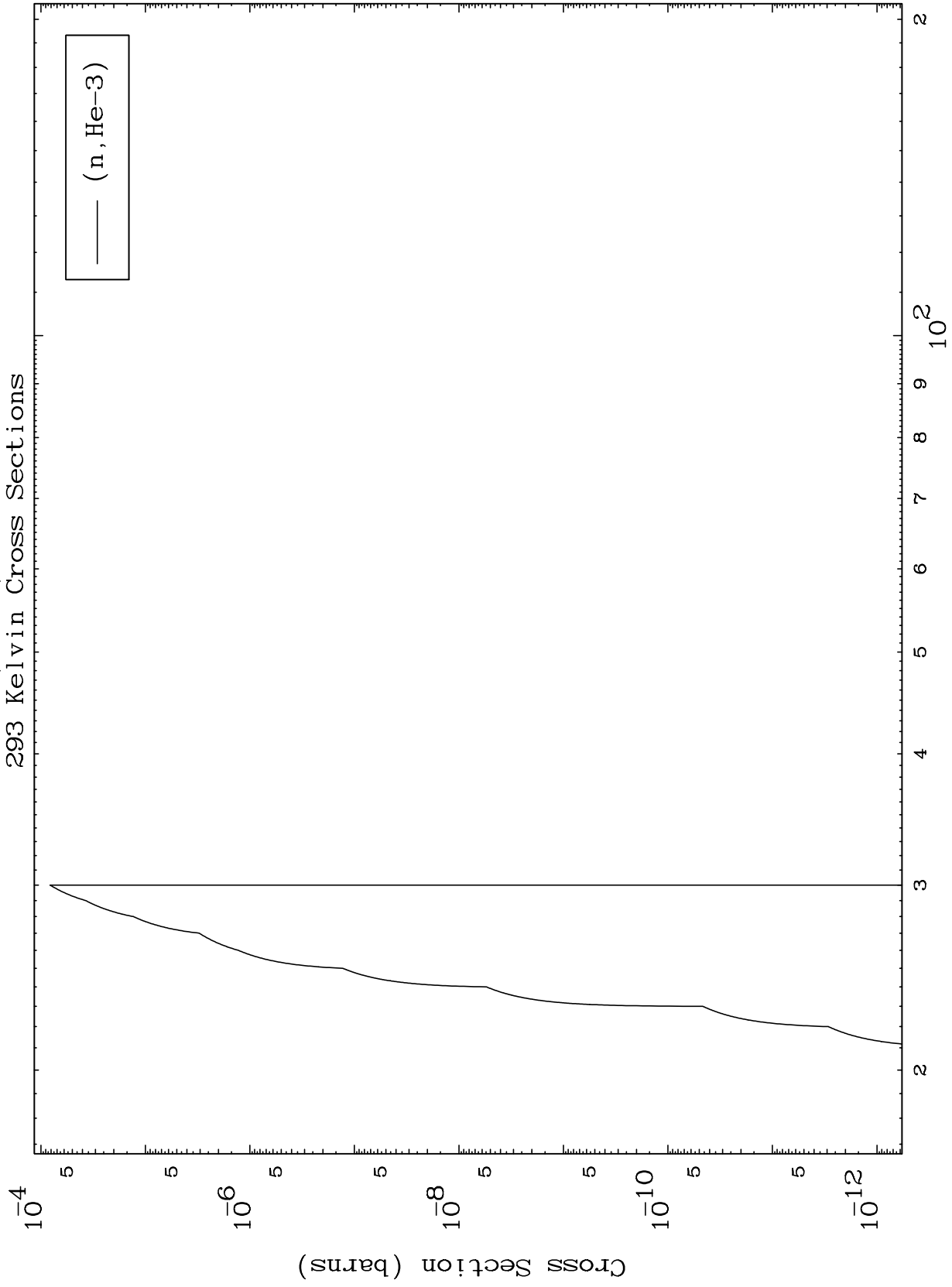
27-Co-63

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MAT 2737

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-63



13

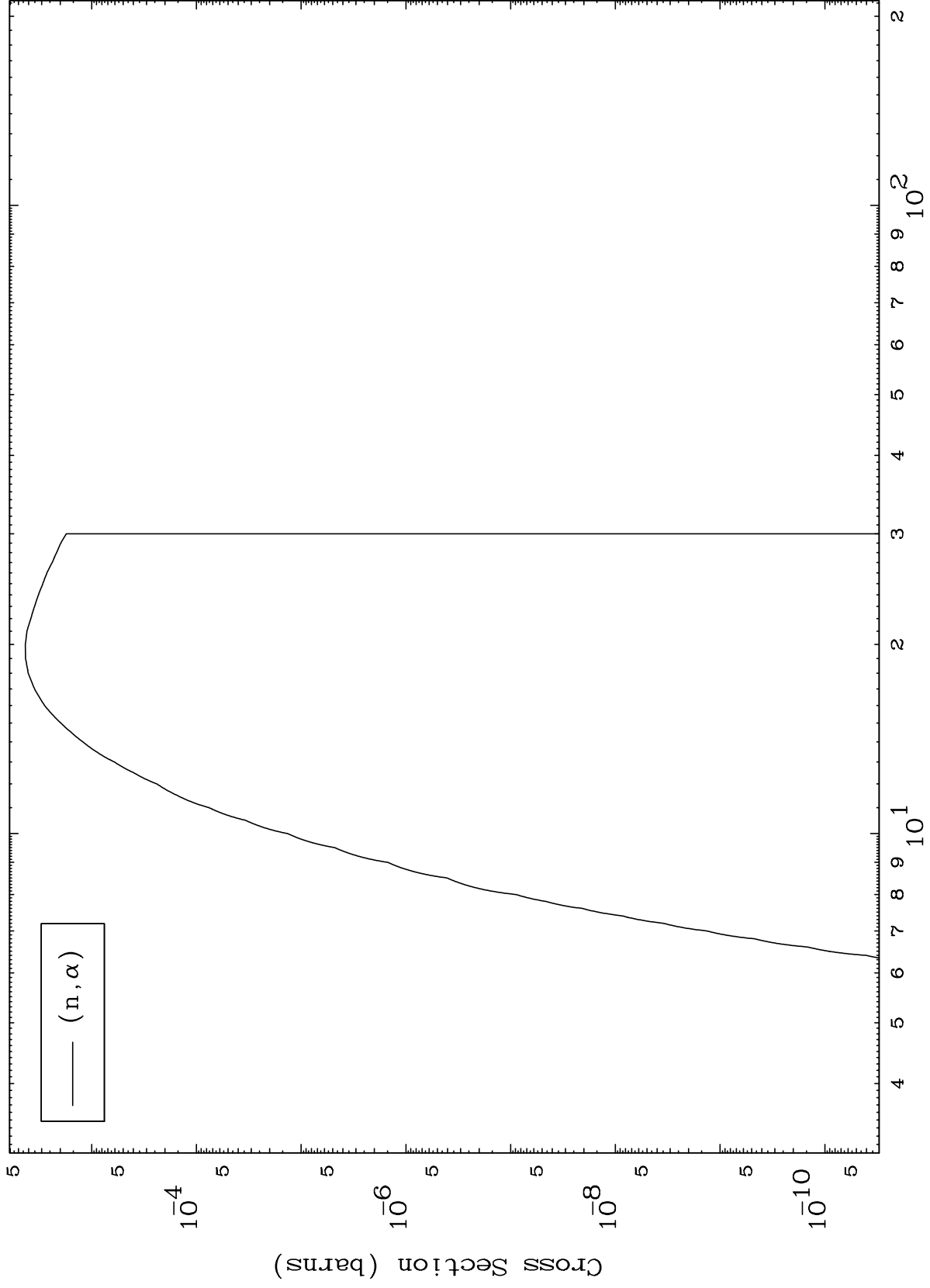
Incident Energy (MeV)

27-Co-63

MAT 2737

(n, α) Levels
293 Kelvin Cross Sections

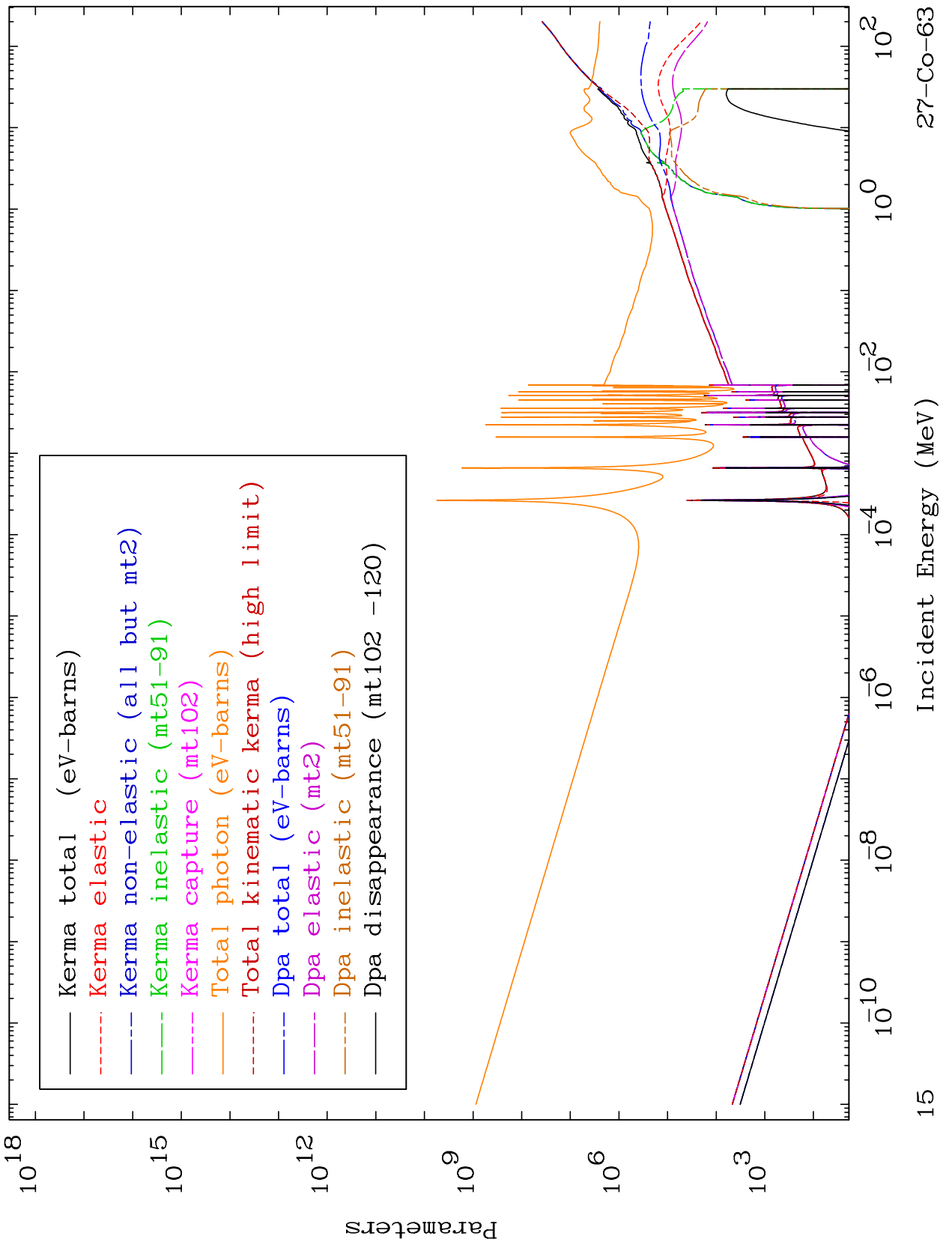
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Incident Energy (MeV)

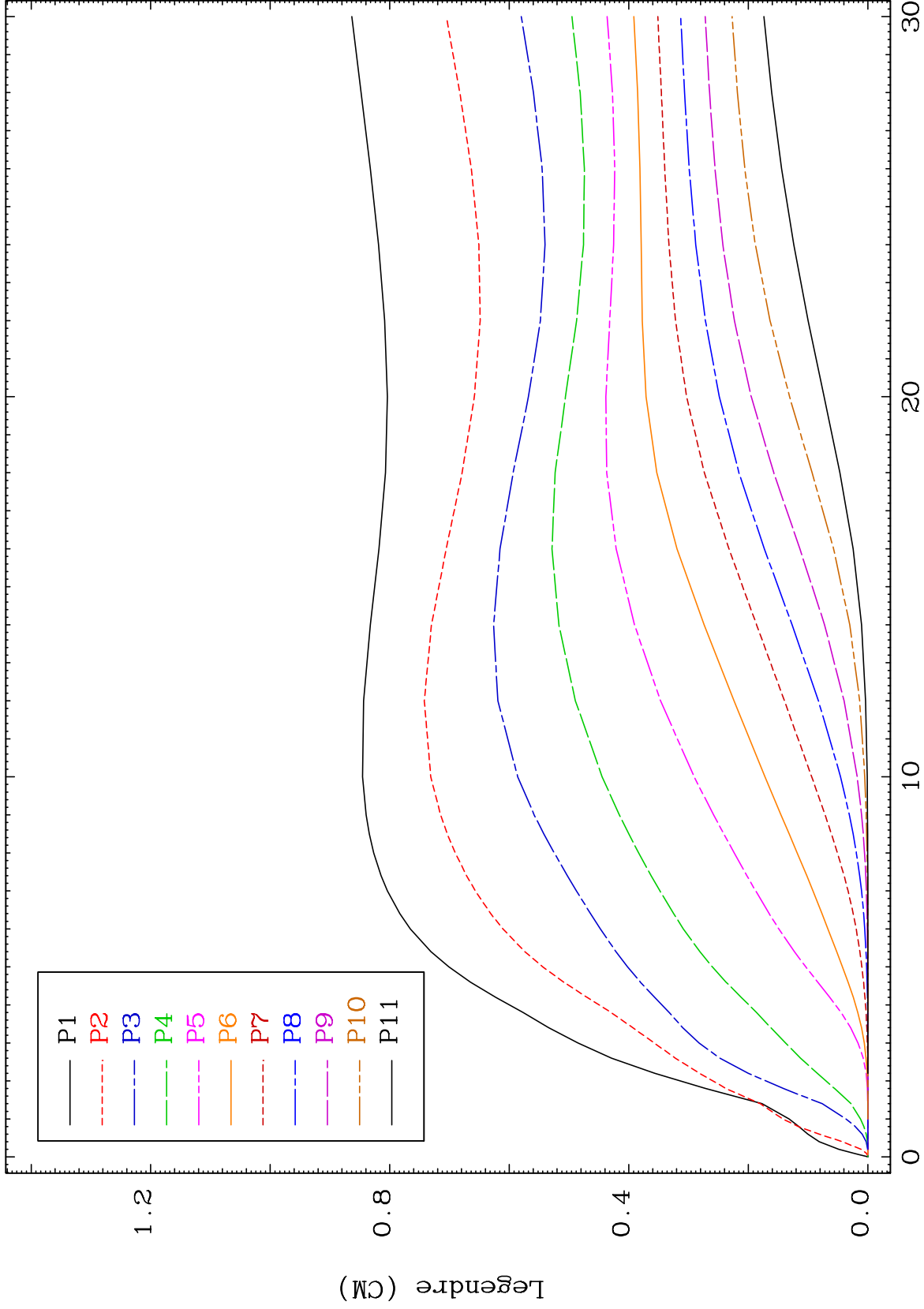
27-Co-63



MAT 2737

Elastic Legendre Coefficients

27-Co-63



27-Co-63

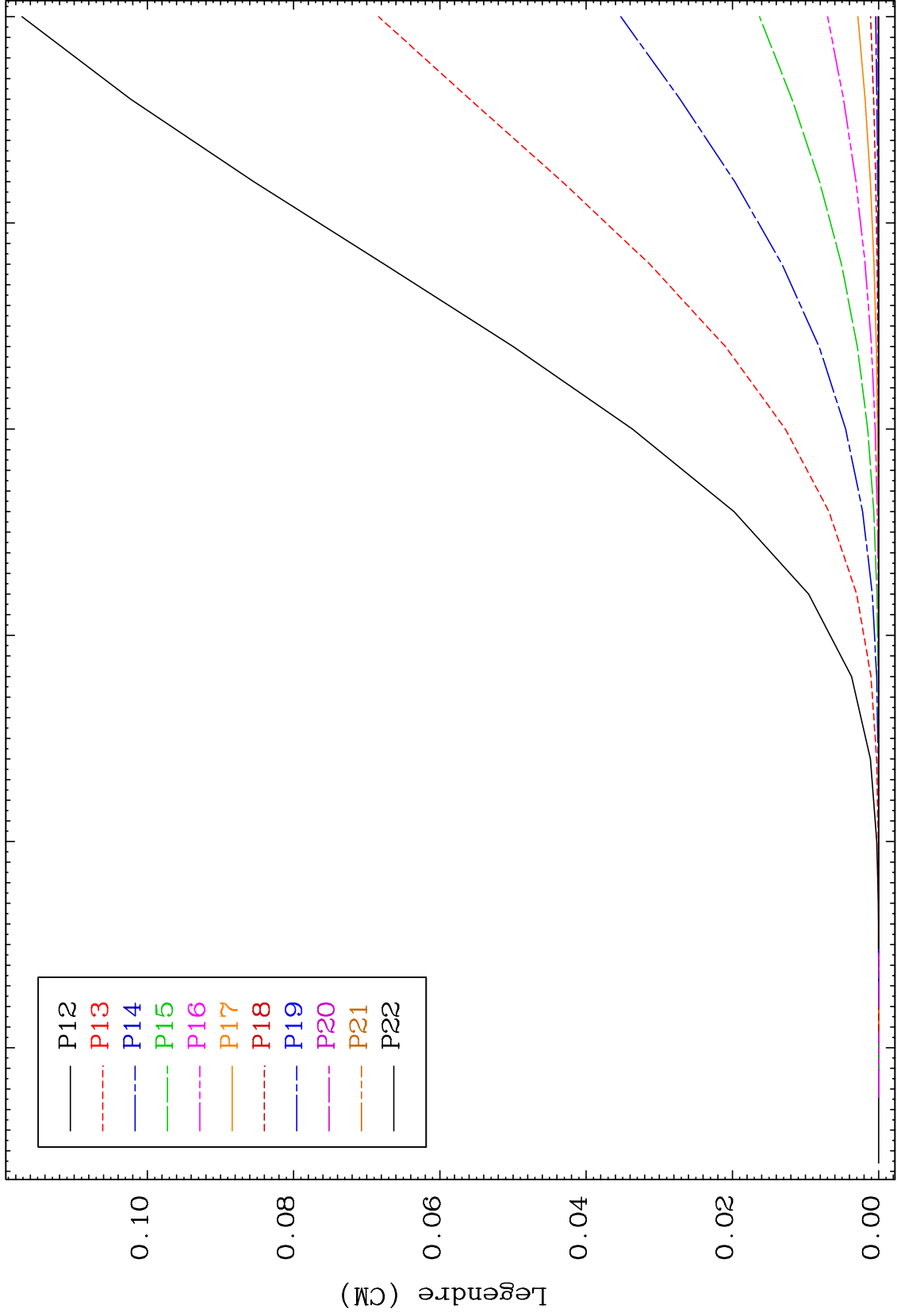
Incident Energy (MeV)

16

MAT 2737

Elastic
Legendre Coefficients

27-Co-63



17

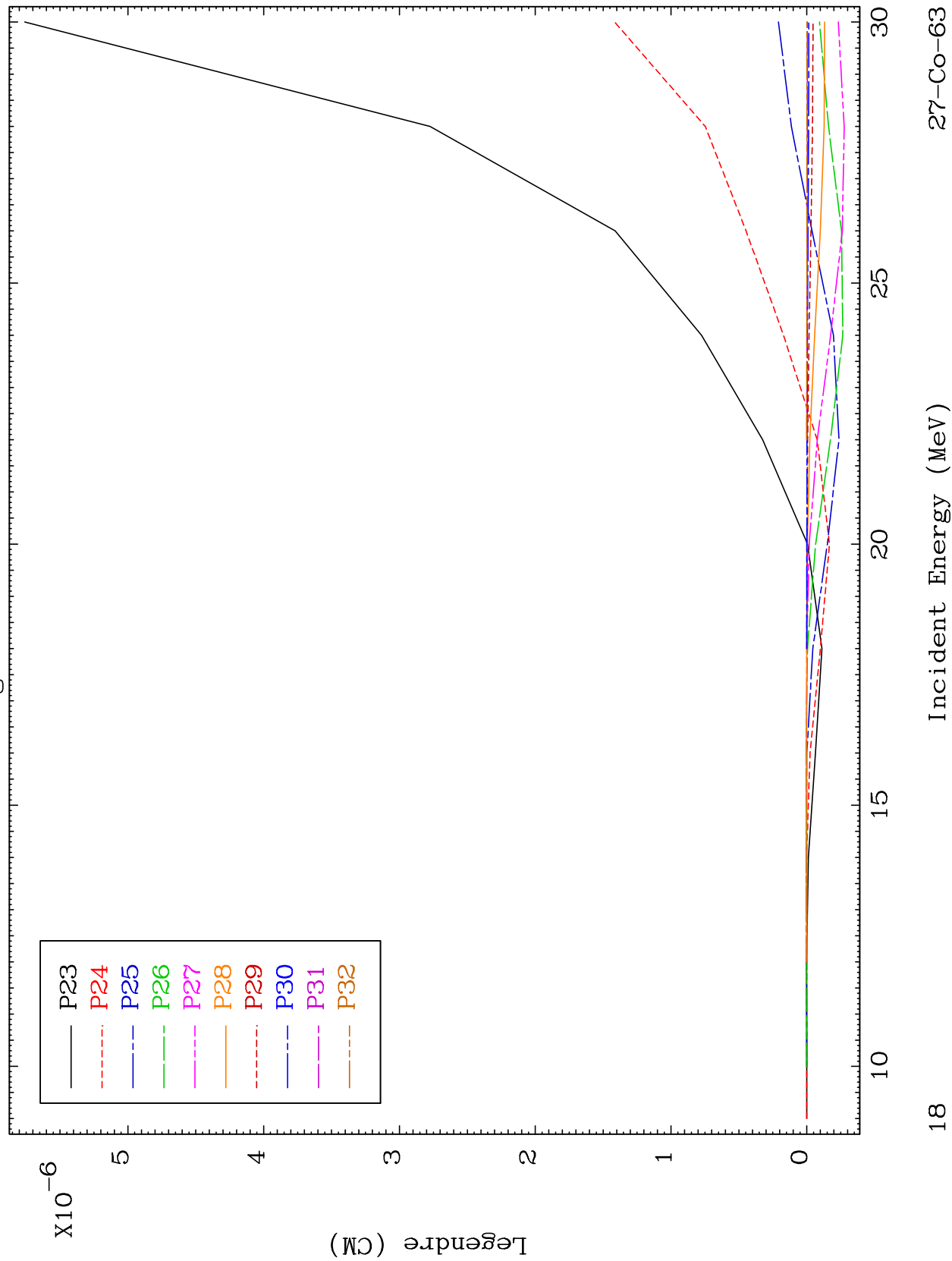
Incident Energy (MeV)

27-Co-63

MAT 2737

Elastic
Legendre Coefficients

27-Co-63



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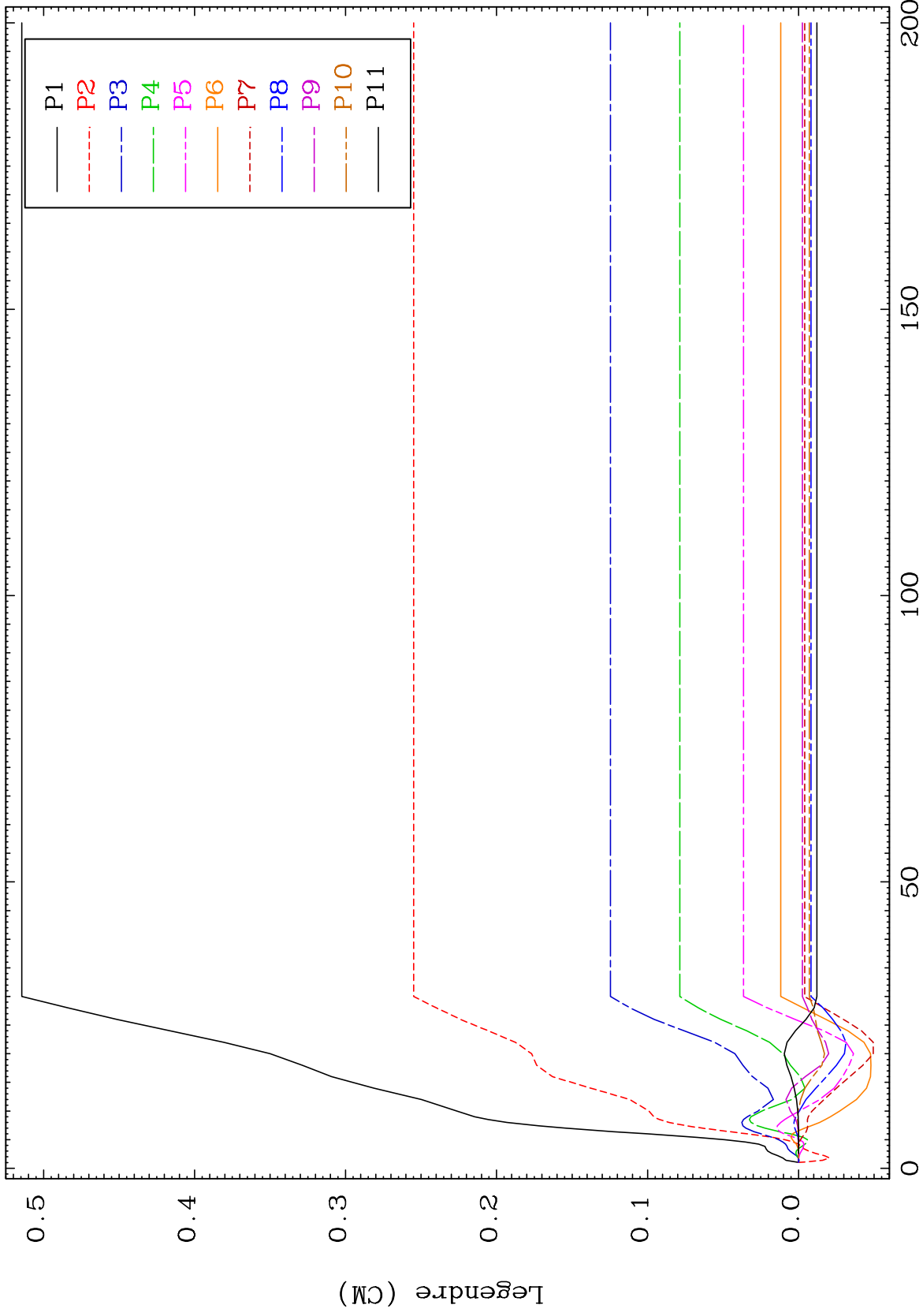
Incident Energy (MeV)

27-Co-63

MAT 2737

995.0 keV (n,n') Level
Legendre Coefficients

27-Co-63



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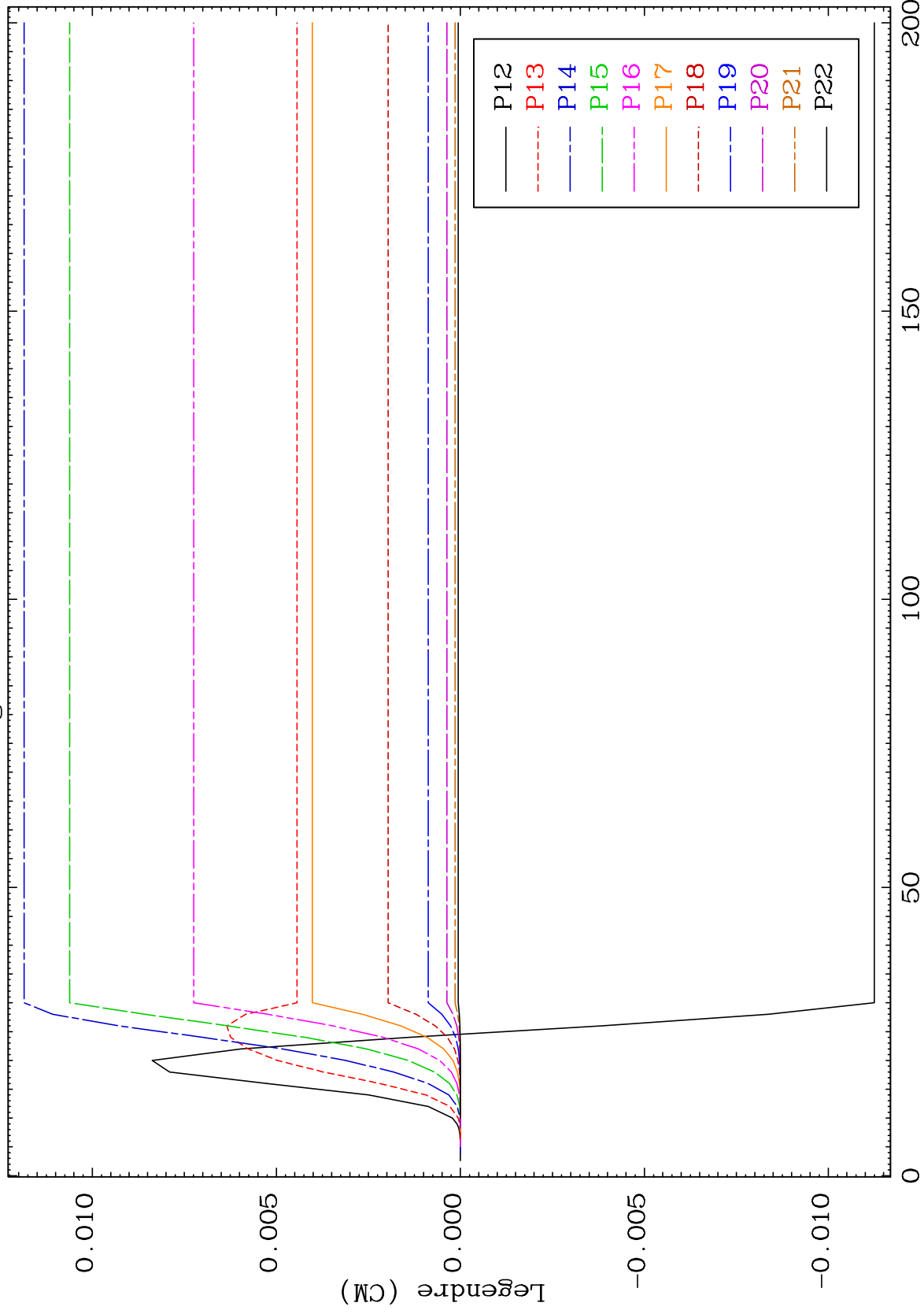
Incident Energy (MeV)

27-Co-63

MAT 2737

995.0 keV (n,n') Level
Legendre Coefficients

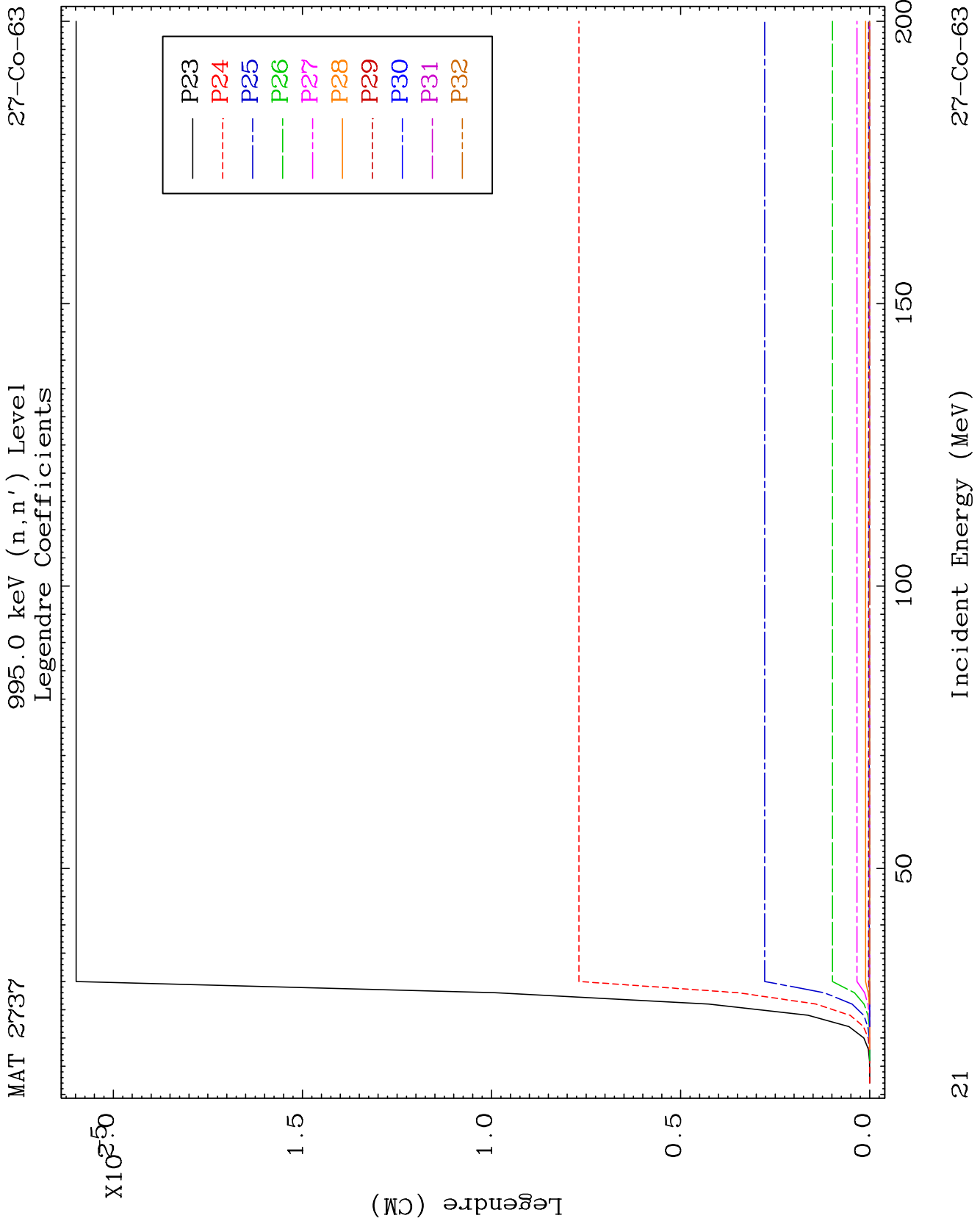
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Incident Energy (MeV)

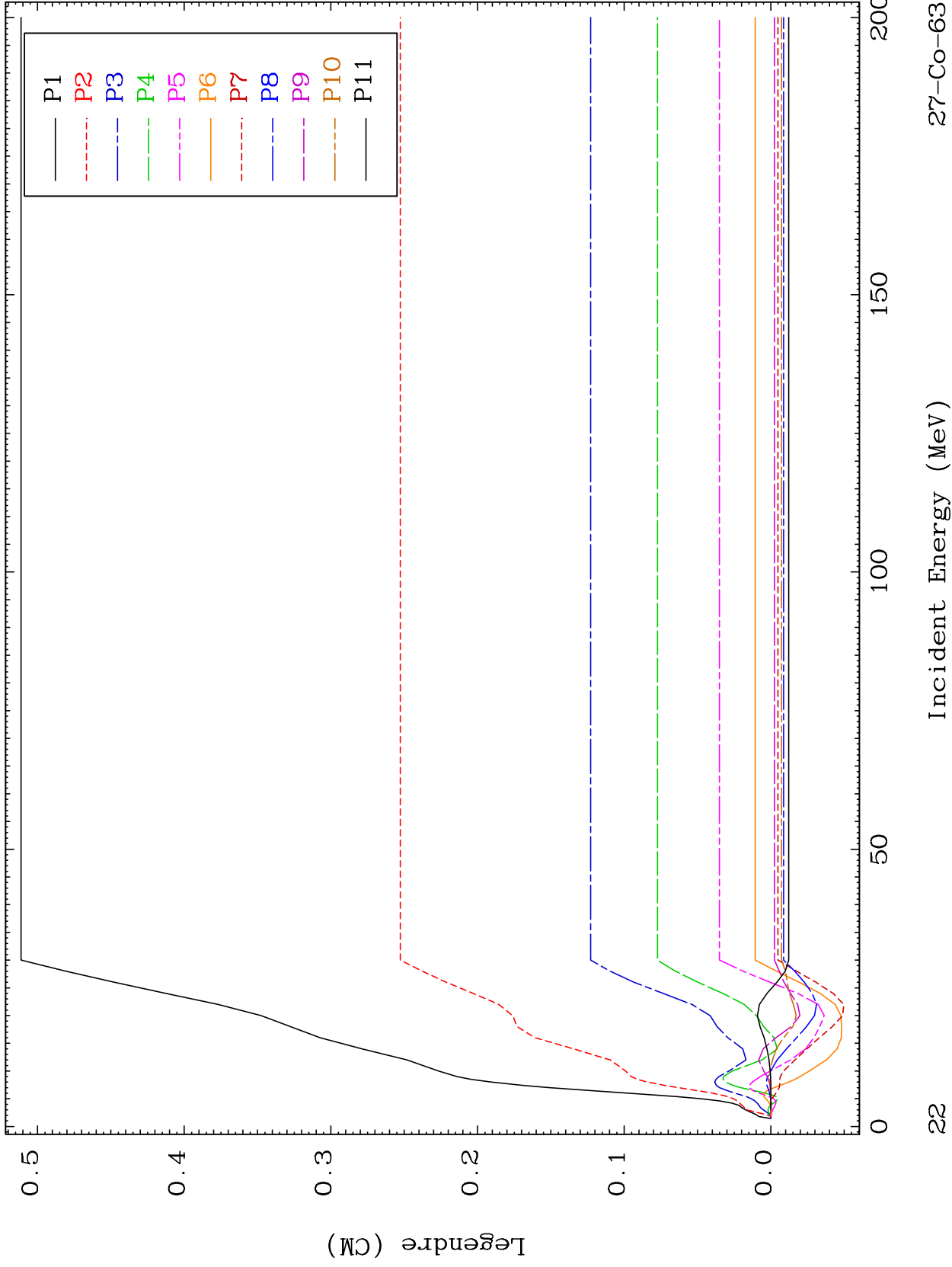
27-Co-63



MAT 2737

1.384 MeV (n,n') Level
Legendre Coefficients

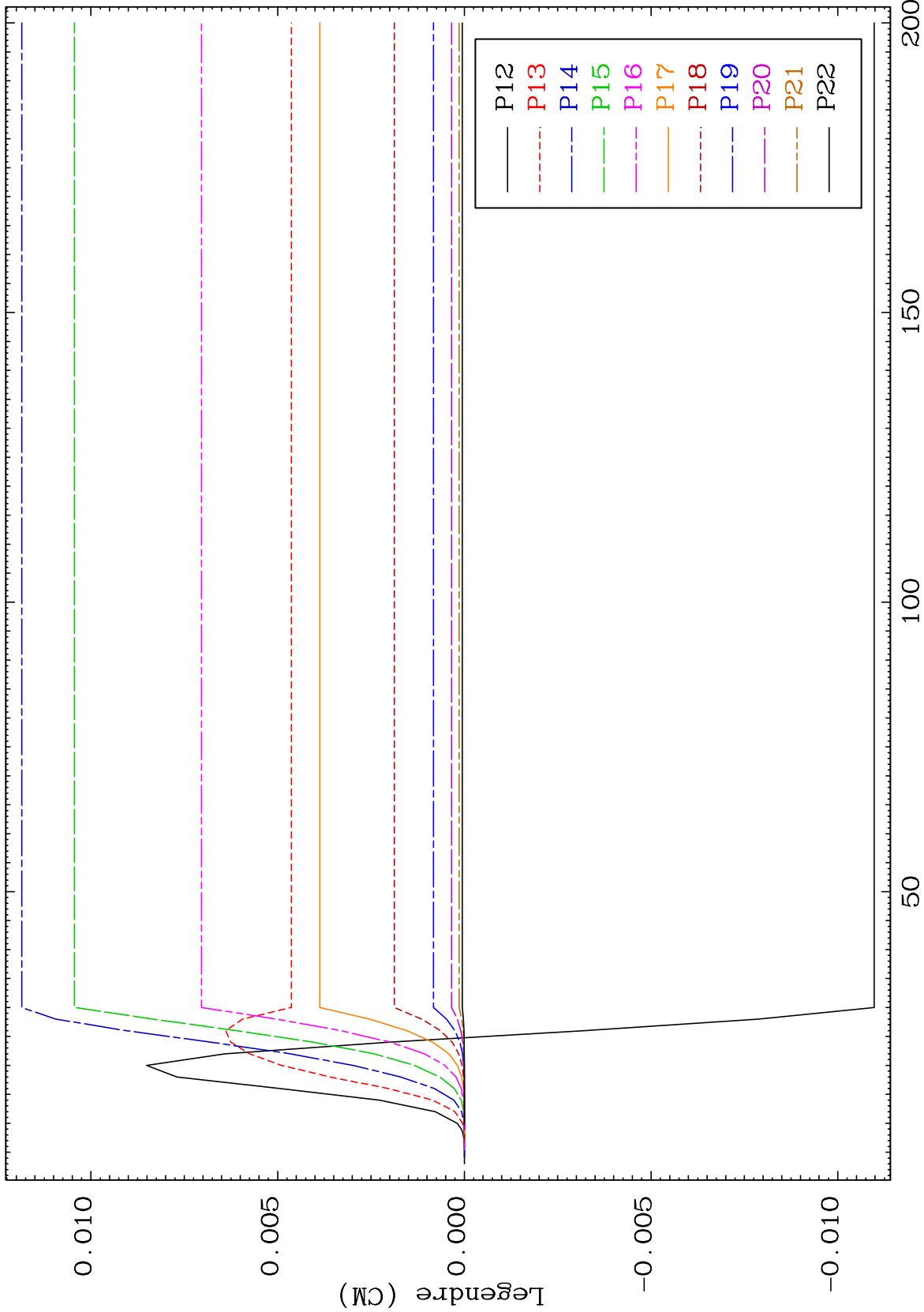
27-Co-63



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Incident Energy (MeV)

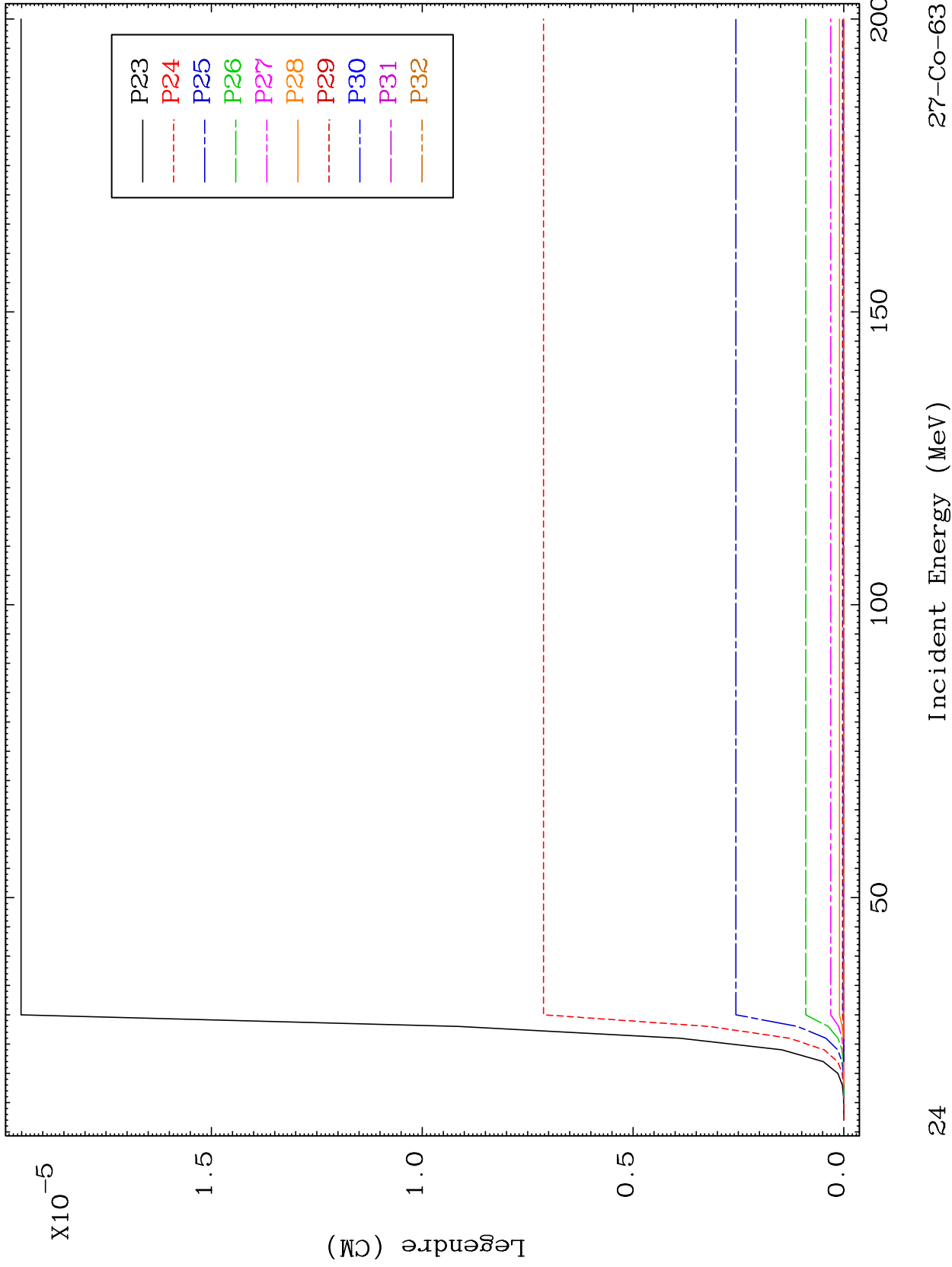
27-Co-63



MAT 2737

1.384 MeV (n,n') Level
Legendre Coefficients

27-Co-63



24

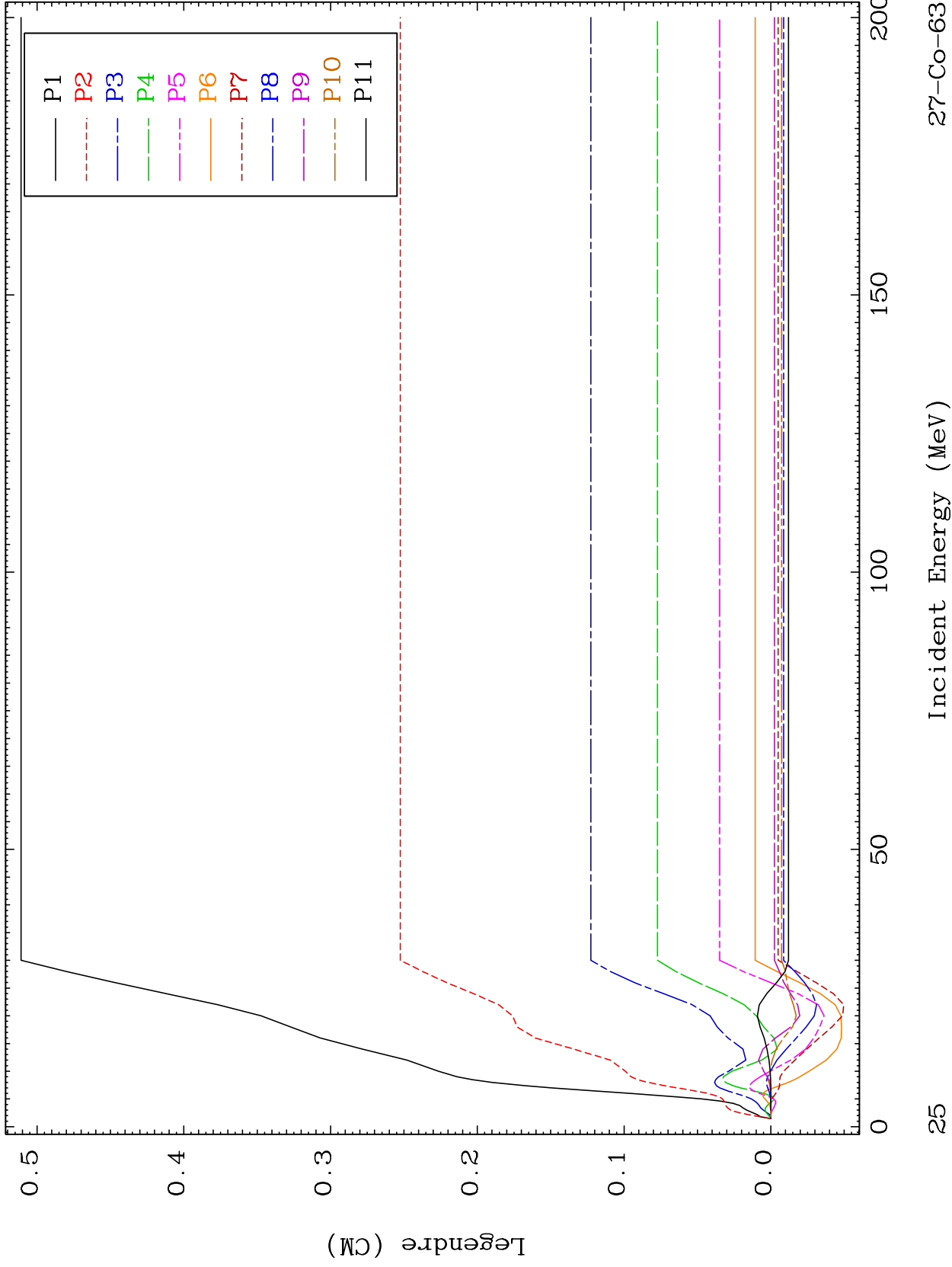
Incident Energy (MeV)

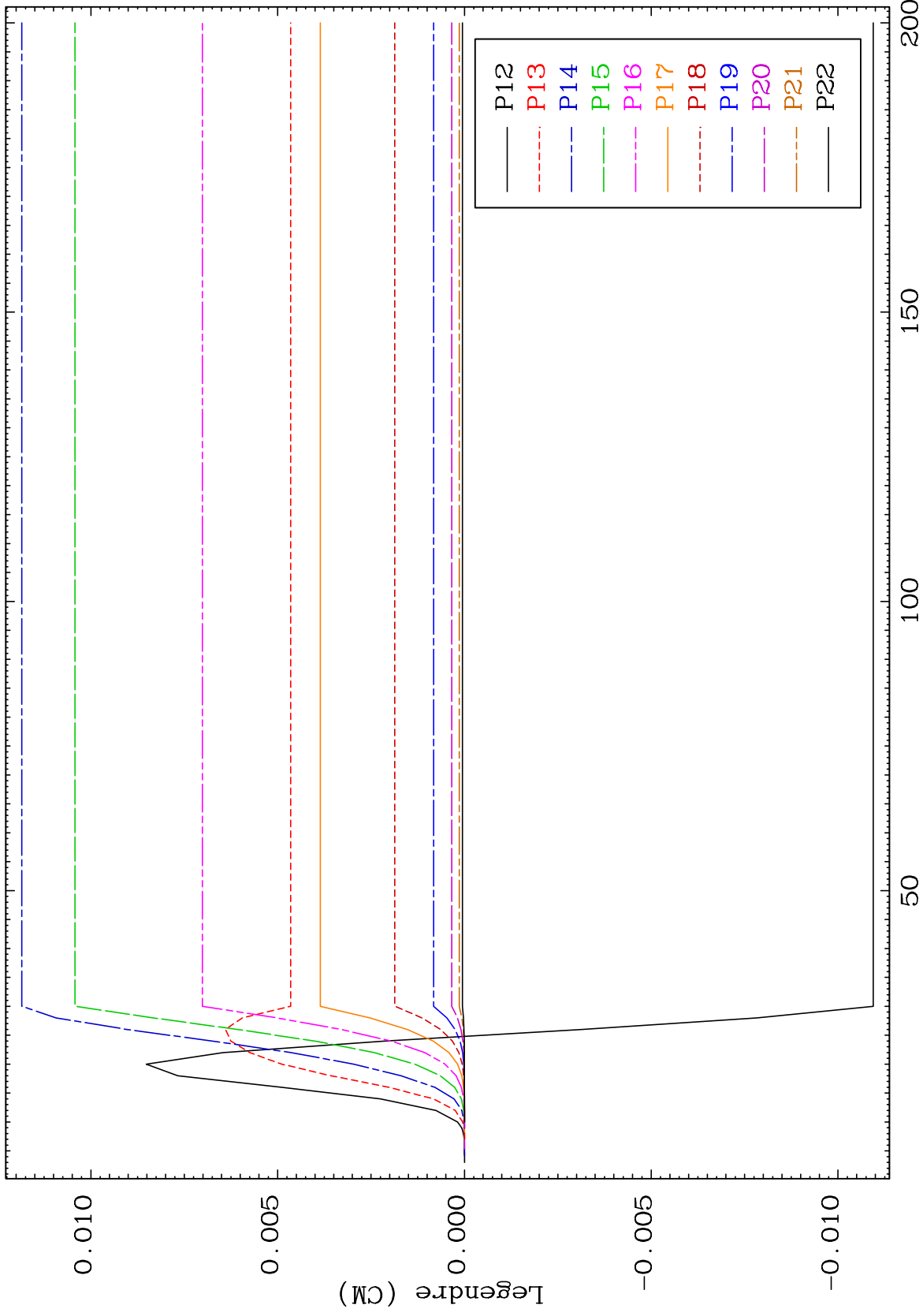
27-Co-63

MAT 2737

1.427 MeV (n,n') Level
Legendre Coefficients

27-Co-63

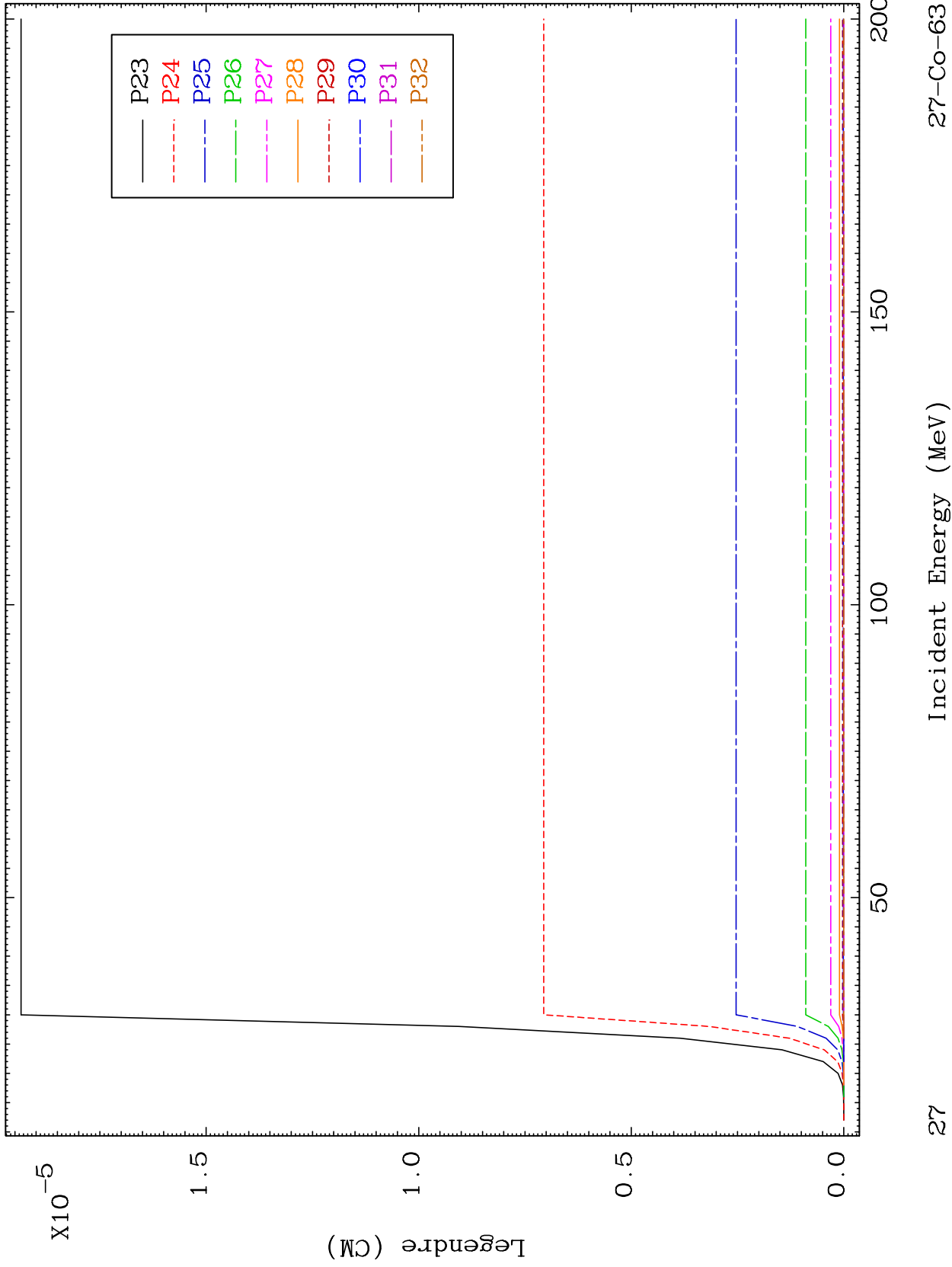




MAT 2737

1.427 MeV (n,n') Level
Legendre Coefficients

27-Co-63



27

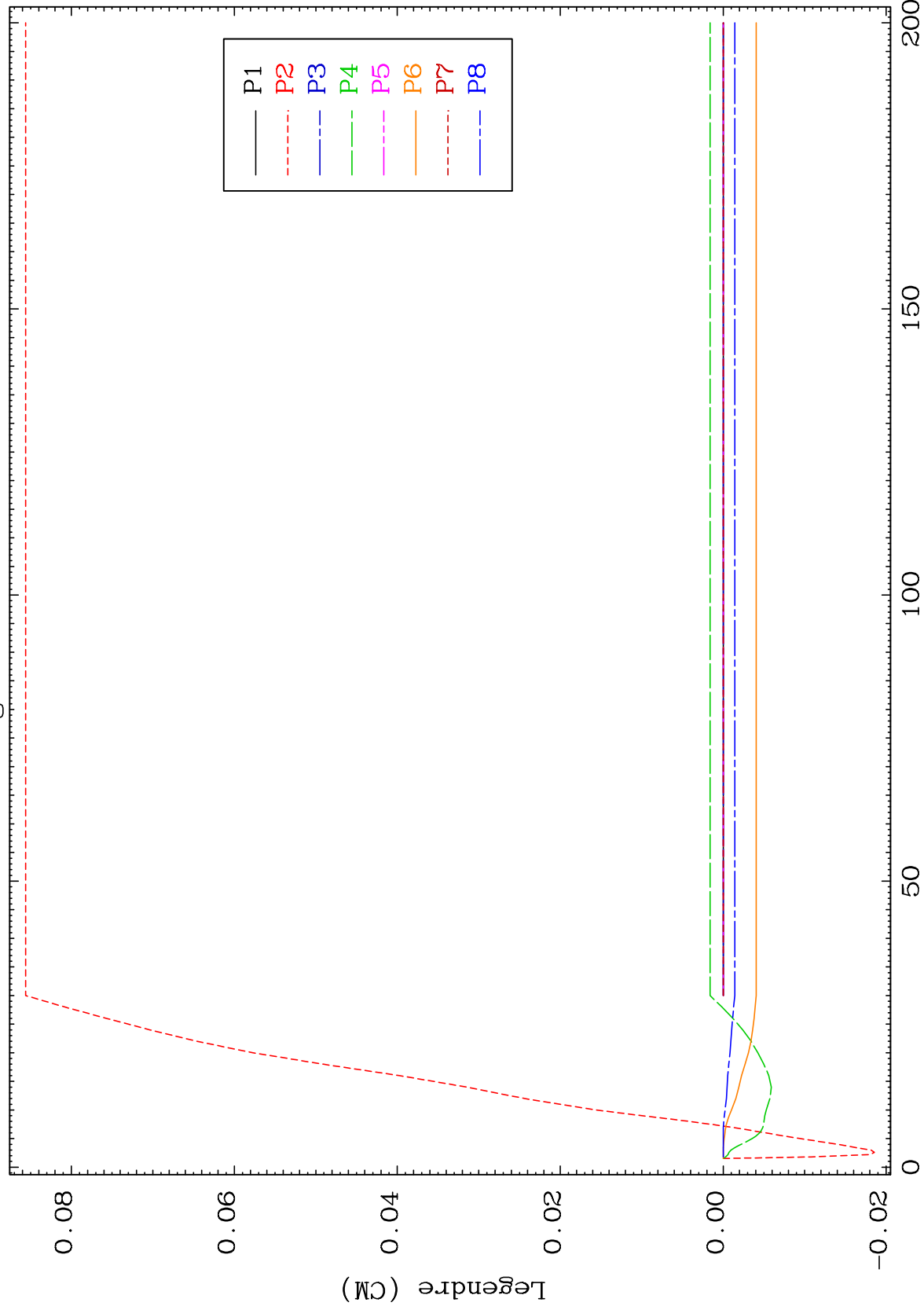
Incident Energy (MeV)

27-Co-63

MAT 2737

1.495 MeV (n,n') Level
Legendre Coefficients

27-Co-63



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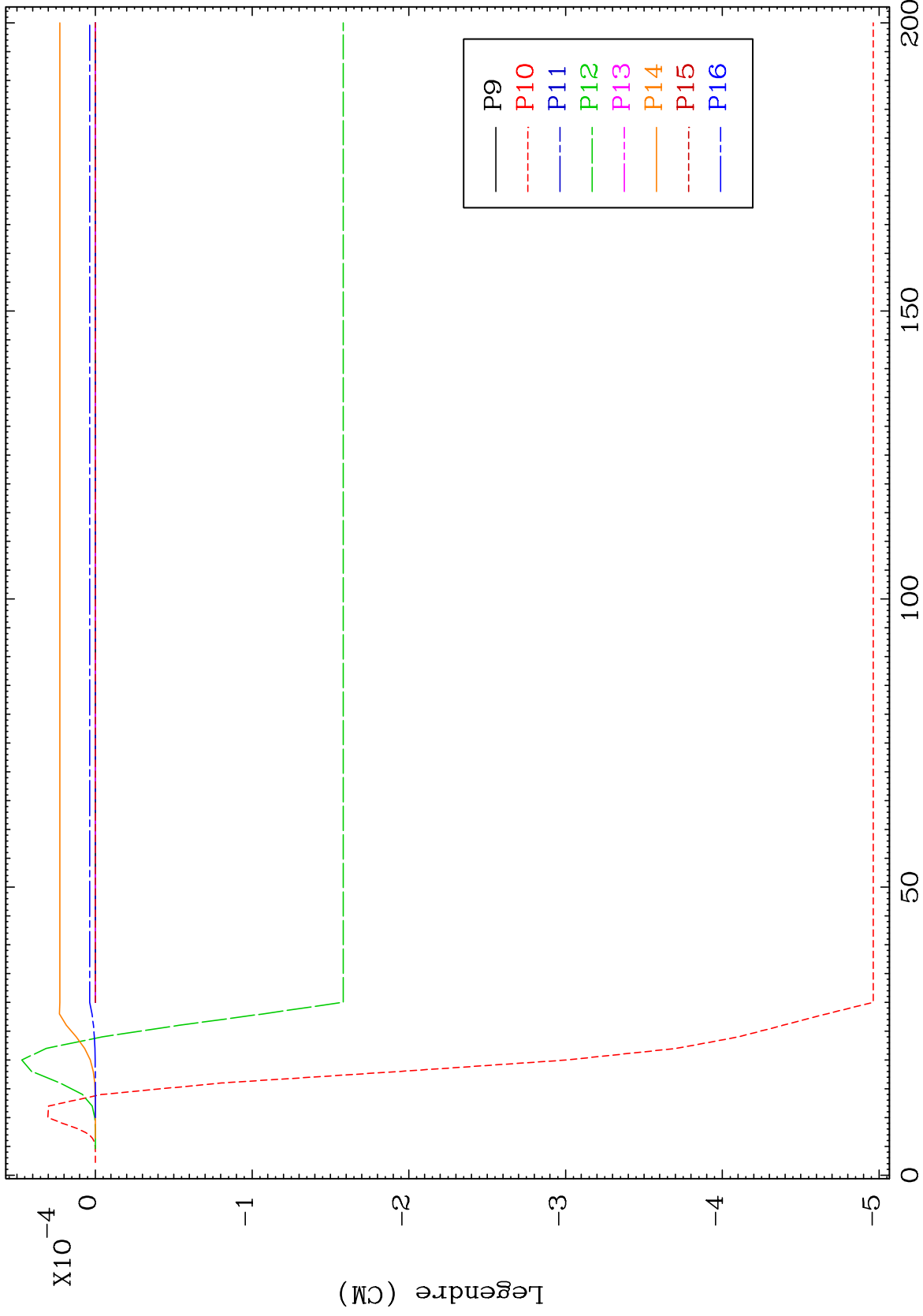
Incident Energy (MeV)

27-Co-63

MAT 2737

1.495 MeV (n,n') Level
Legendre Coefficients

27-Co-63



29

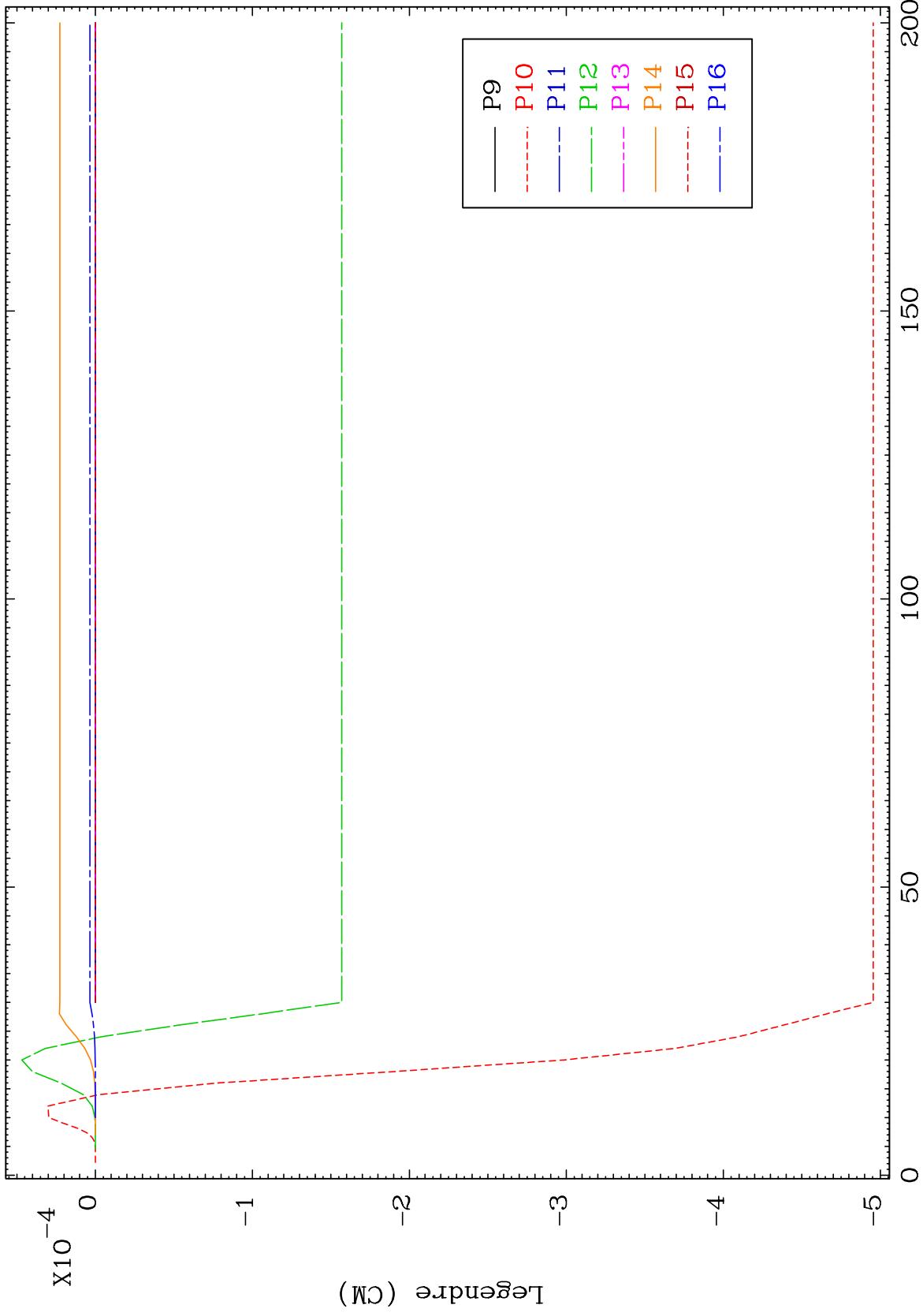
Incident Energy (MeV)

27-Co-63

MAT 2737

1.577 MeV (n,n') Level
Legendre Coefficients

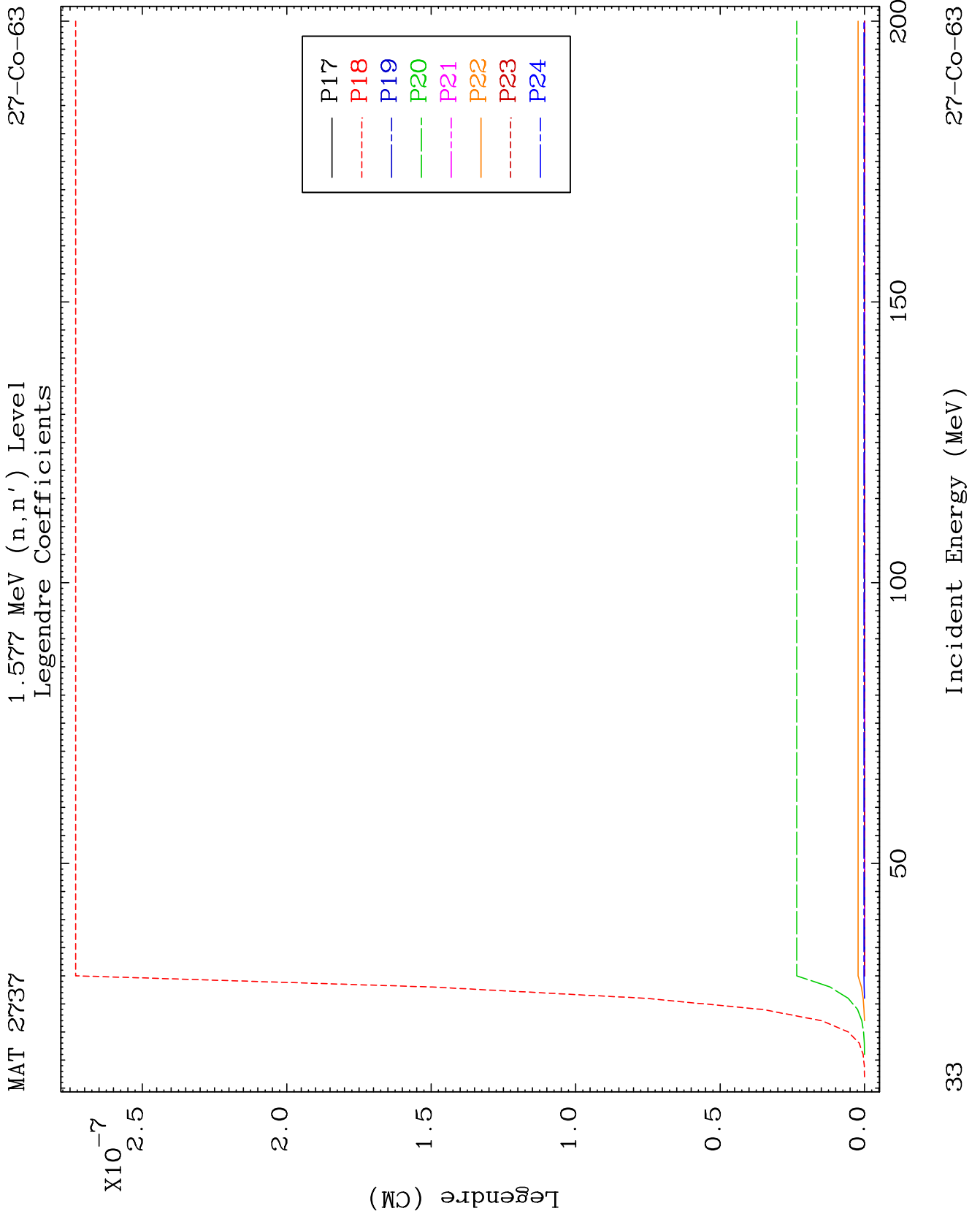
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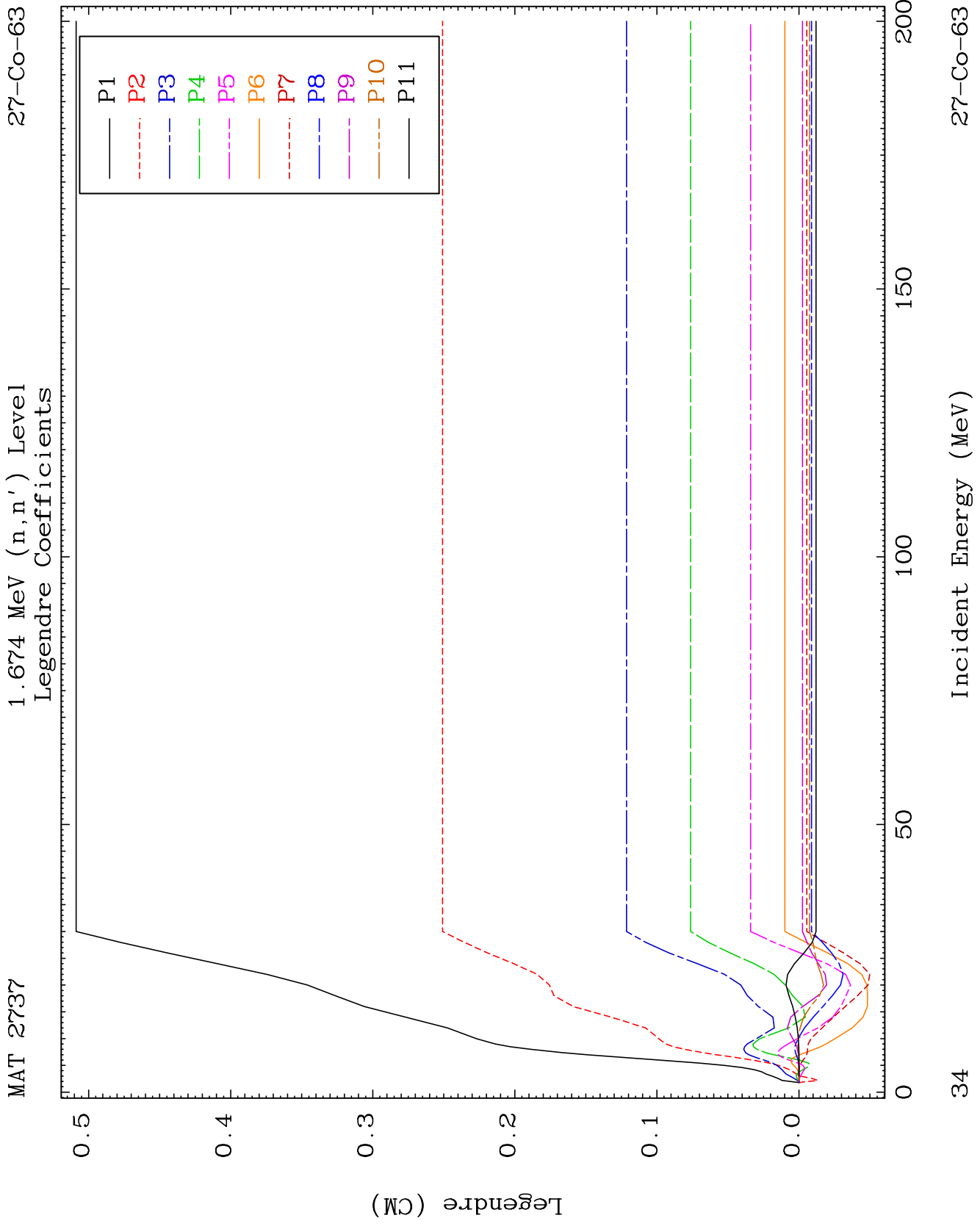


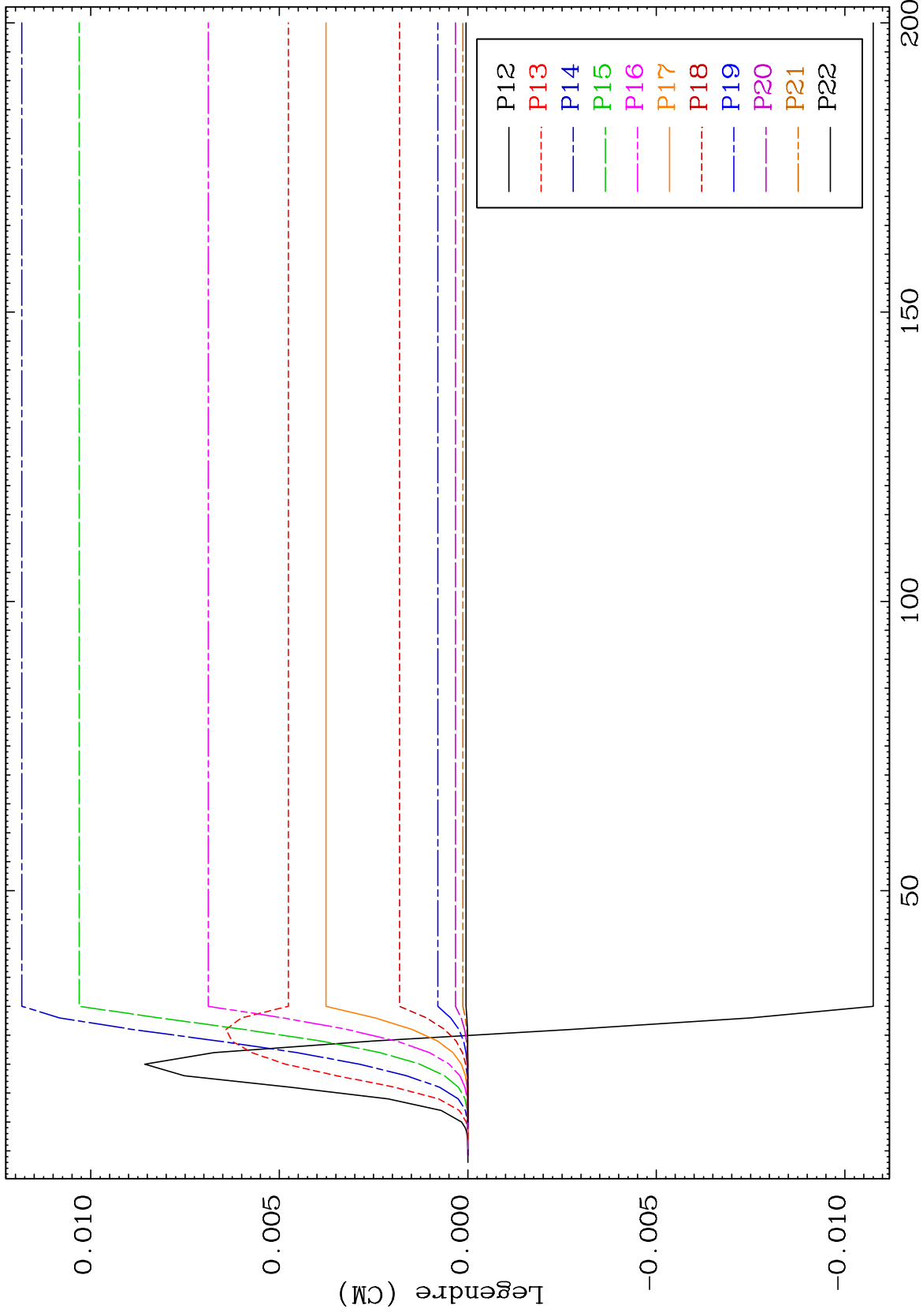
32

Incident Energy (MeV)

27-Co-63



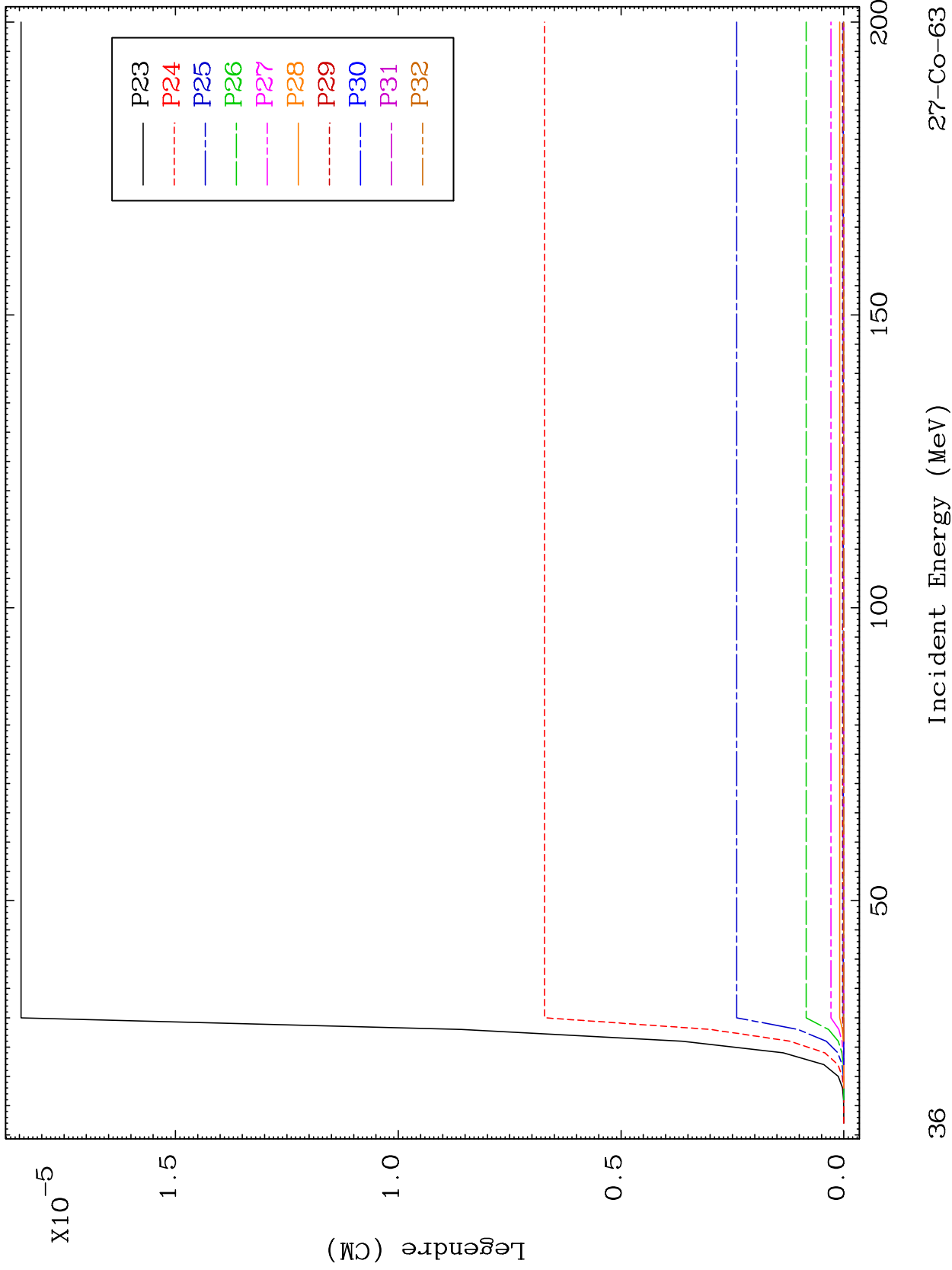




MAT 2737

1.674 MeV (n,n') Level
Legendre Coefficients

27-Co-63



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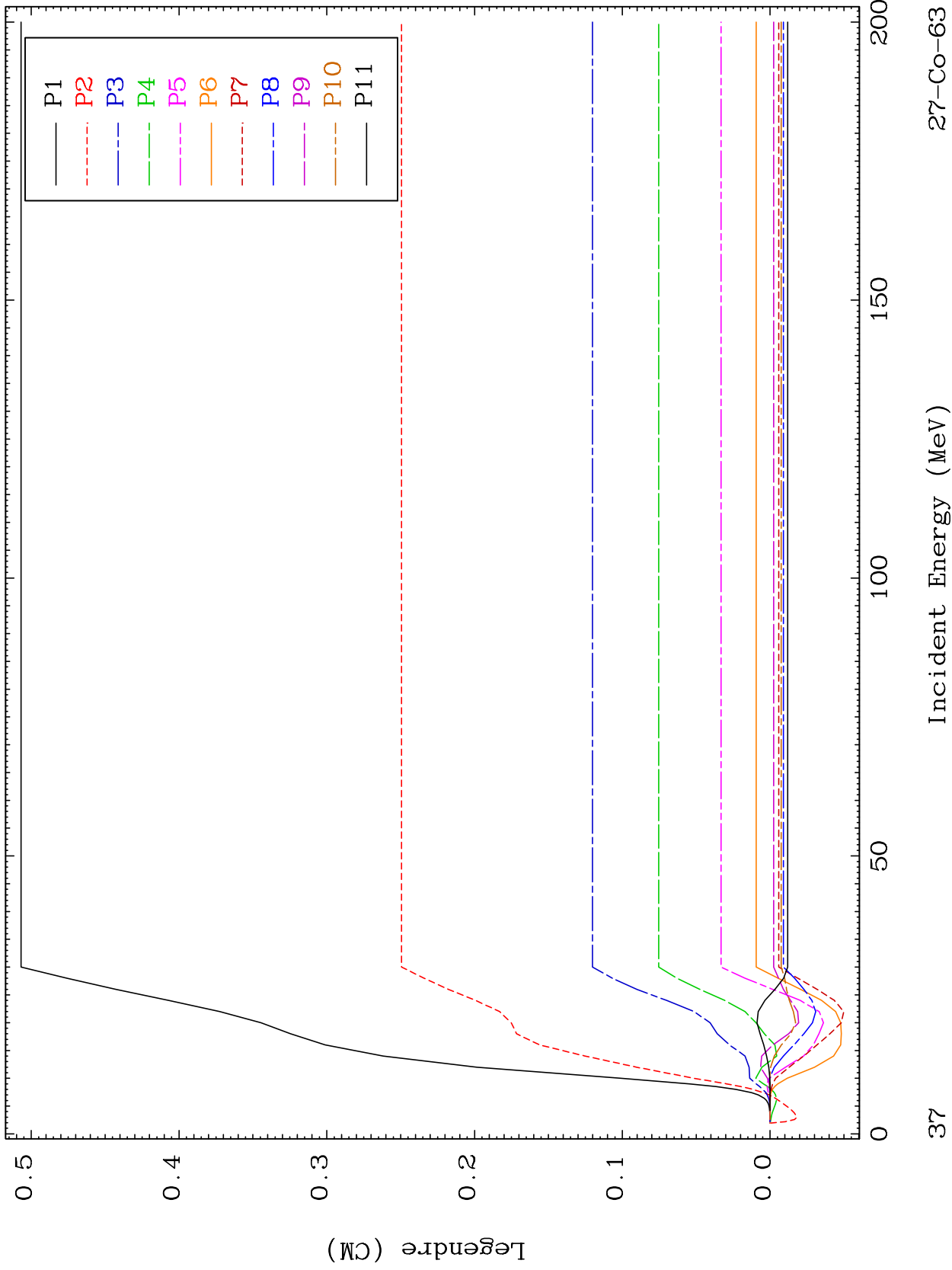
Incident Energy (MeV)

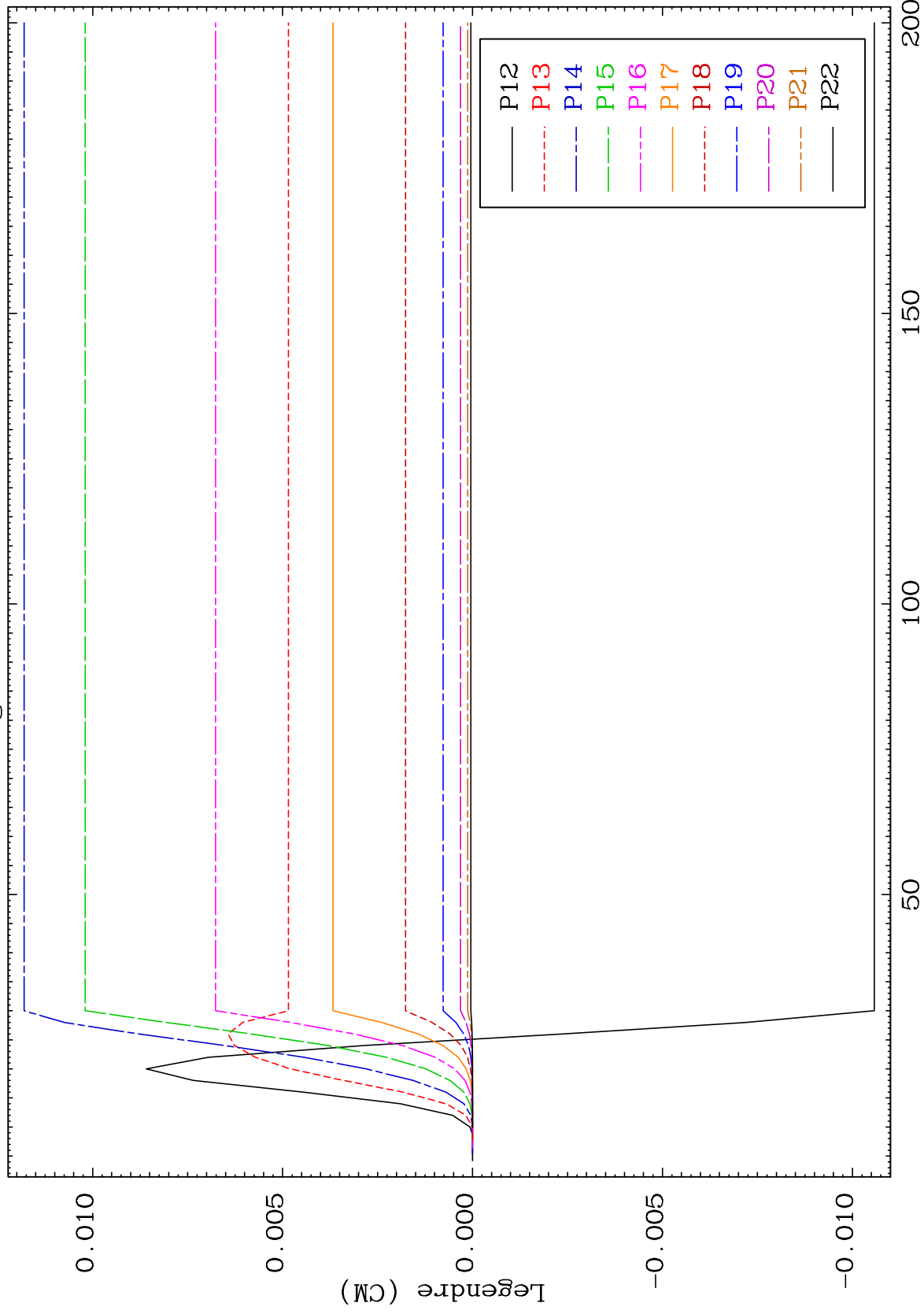
27-Co-63

MAT 2737

1.888 MeV (n,n') Level
Legendre Coefficients

27-Co-63

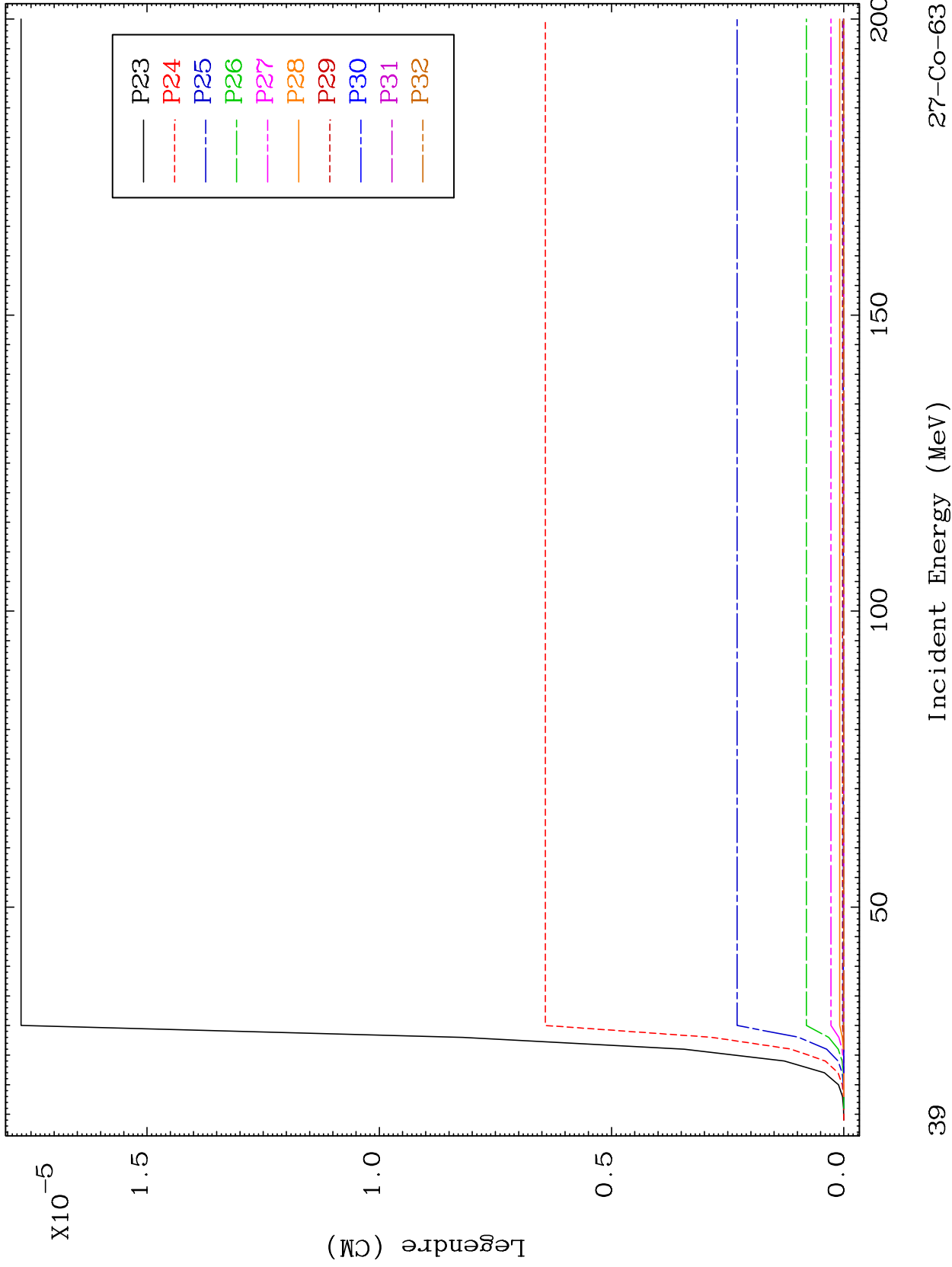




MAT 2737

1.888 MeV (n,n') Level
Legendre Coefficients

27-Co-63



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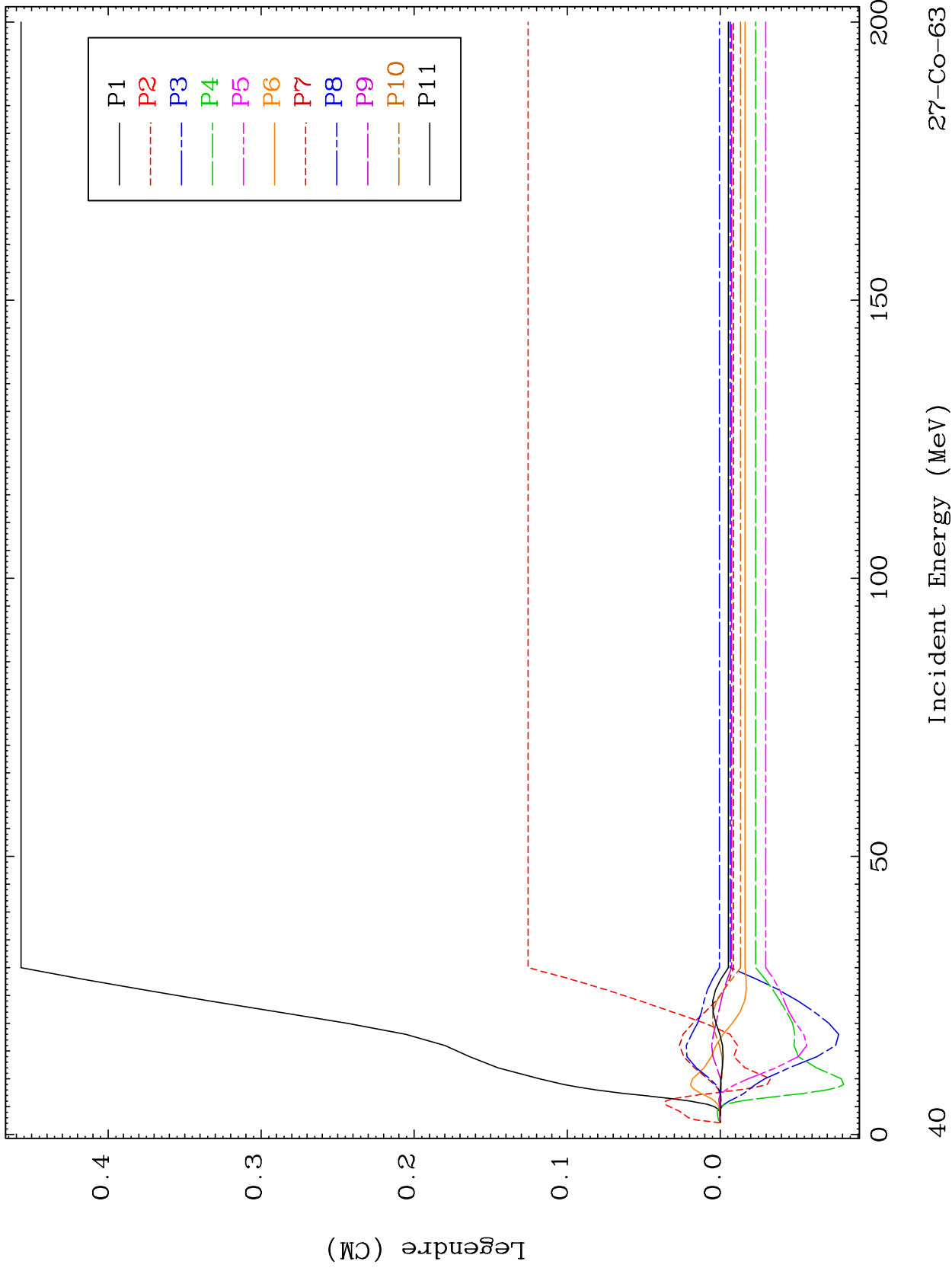
Incident Energy (MeV)

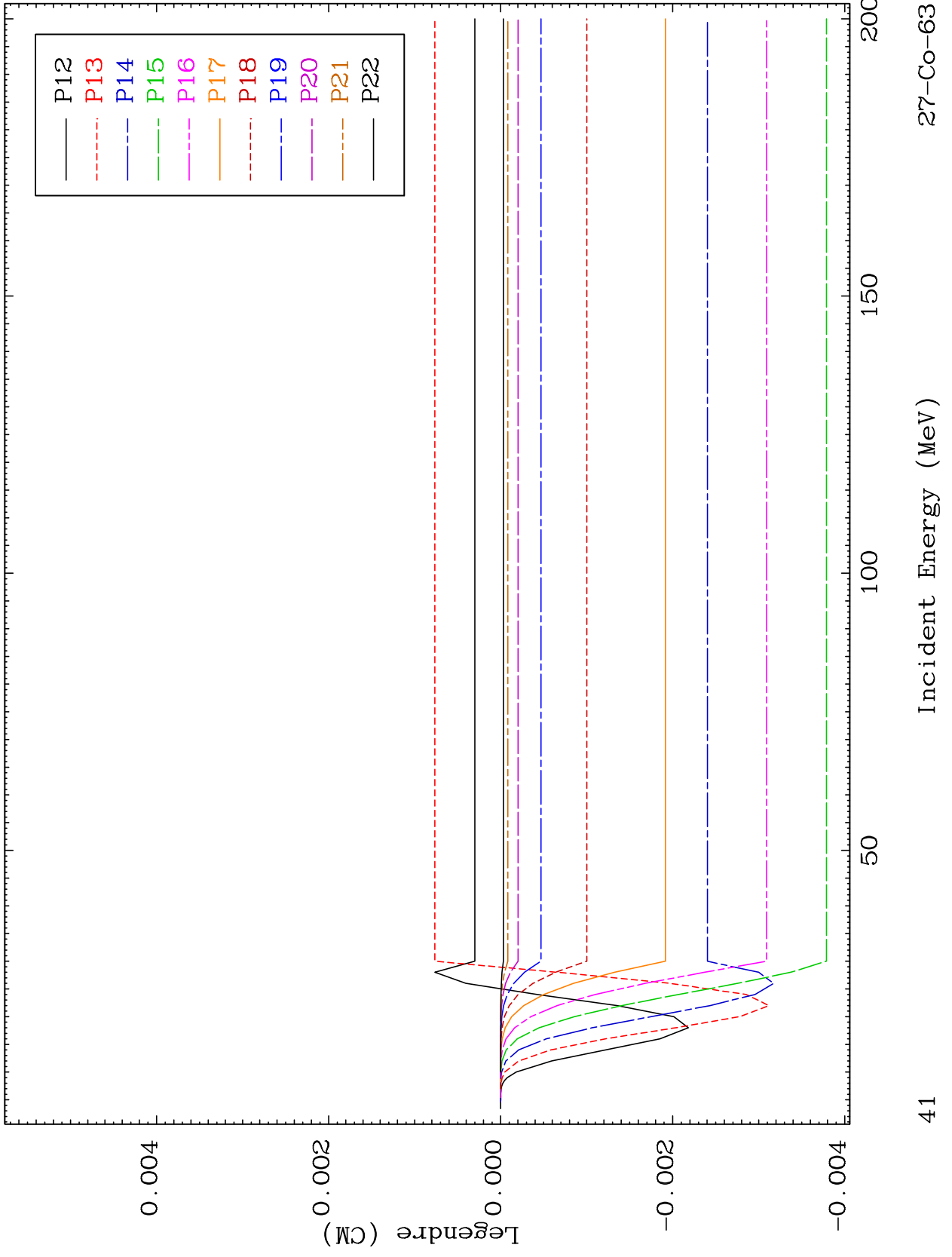
27-Co-63

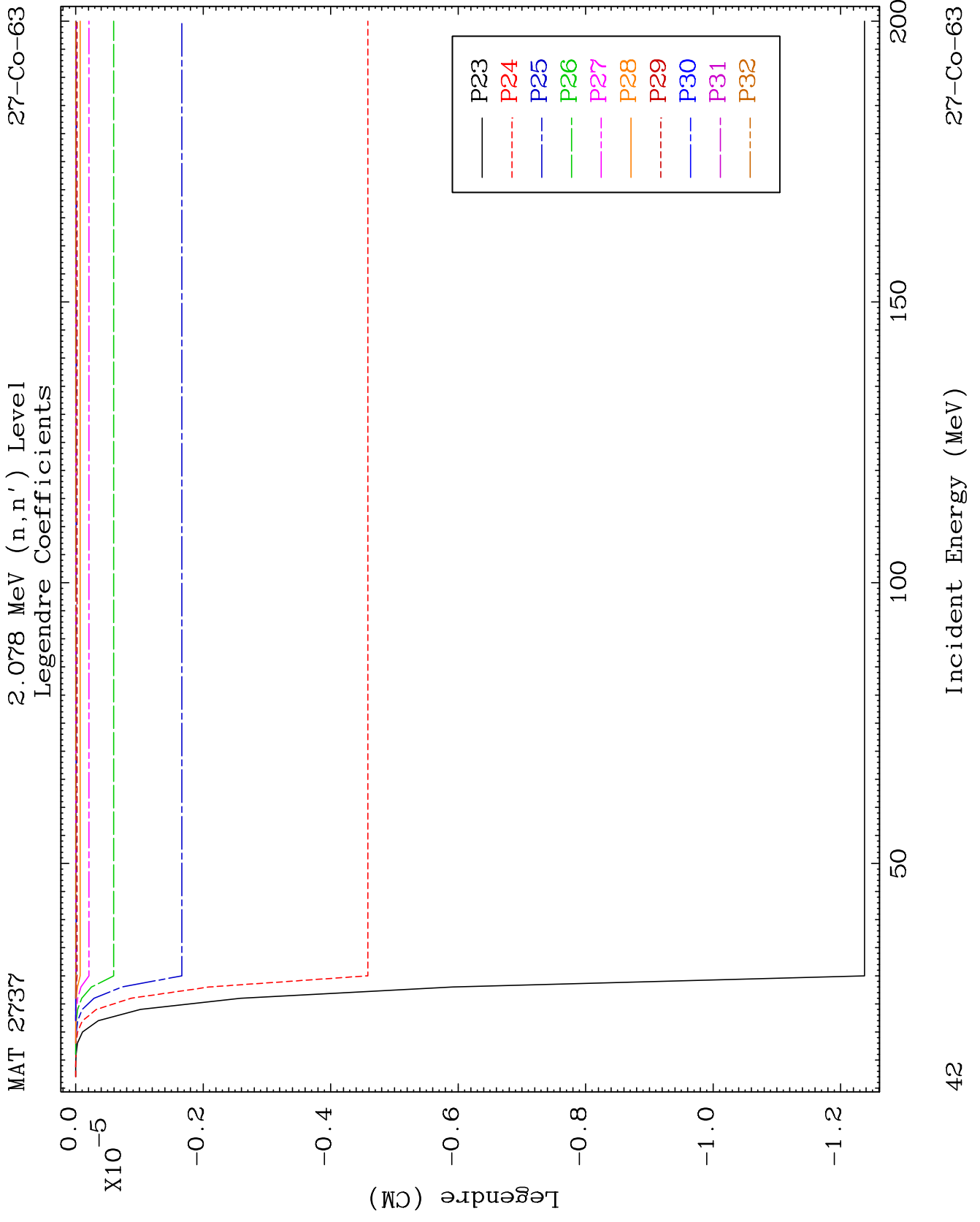
MAT 2737

2.078 MeV (n,n') Level
Legendre Coefficients

27-Co-63



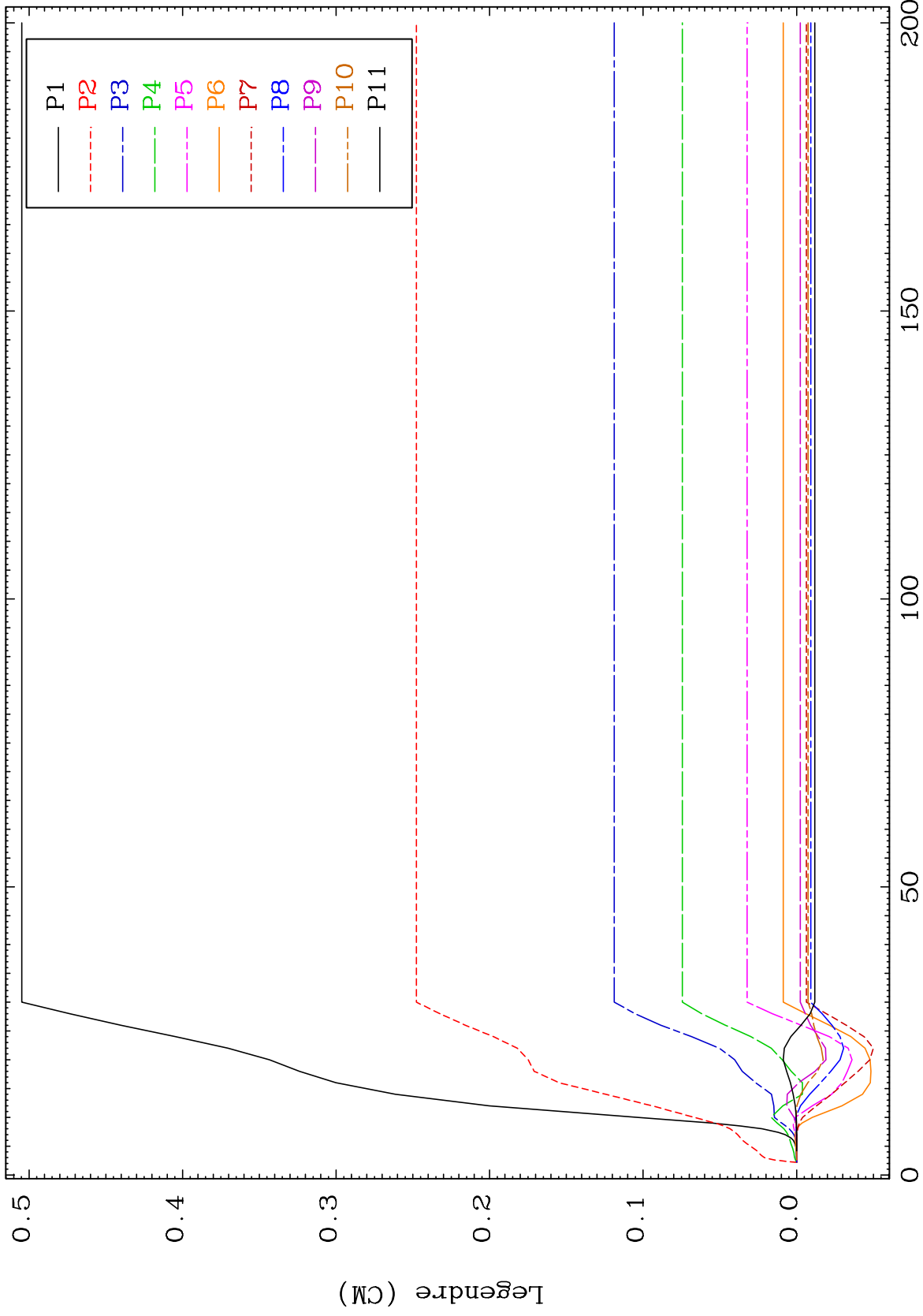




MAT 2737

2.129 MeV (n, n') Level
Legendre Coefficients

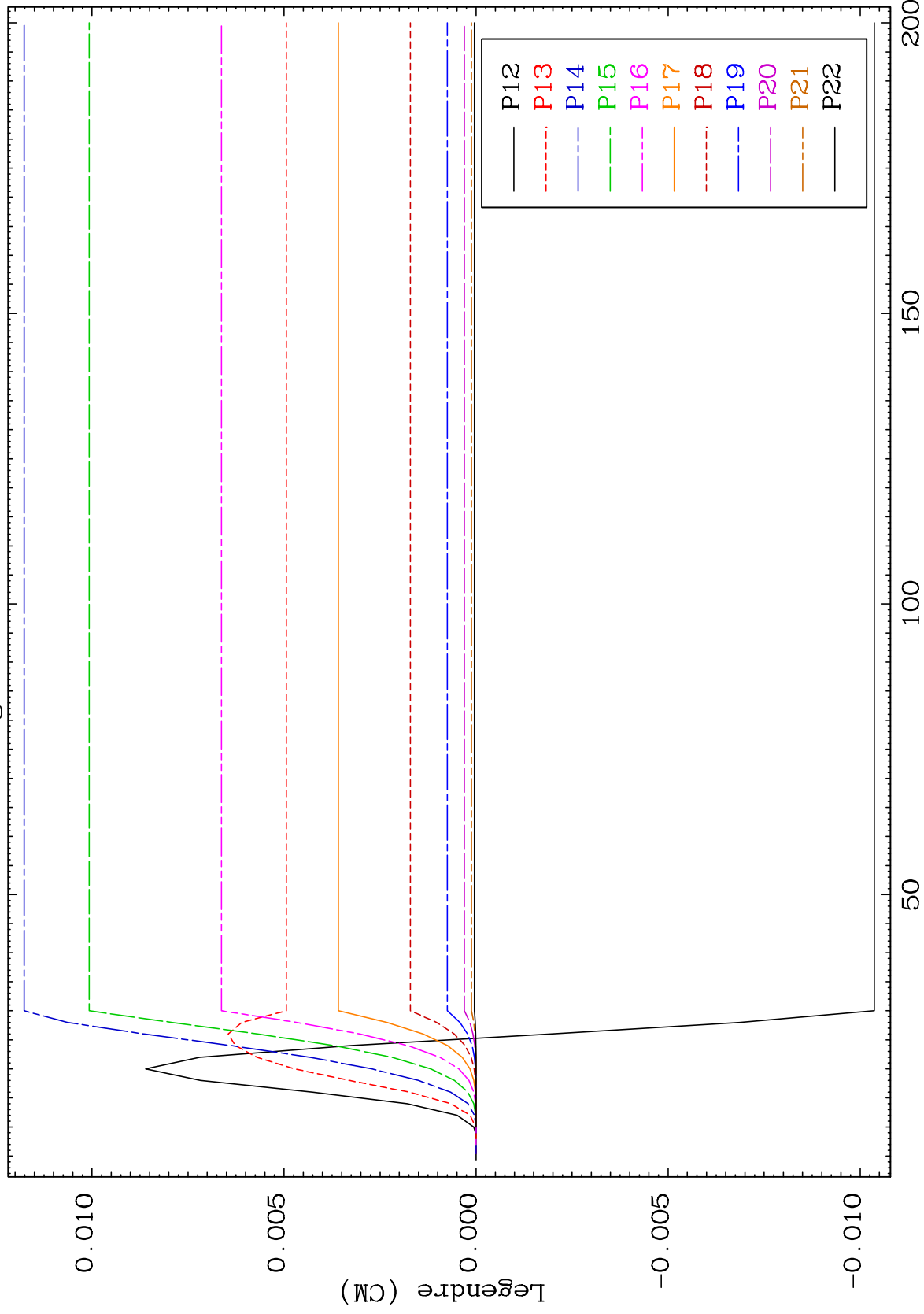
27-Co-63



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Incident Energy (MeV)

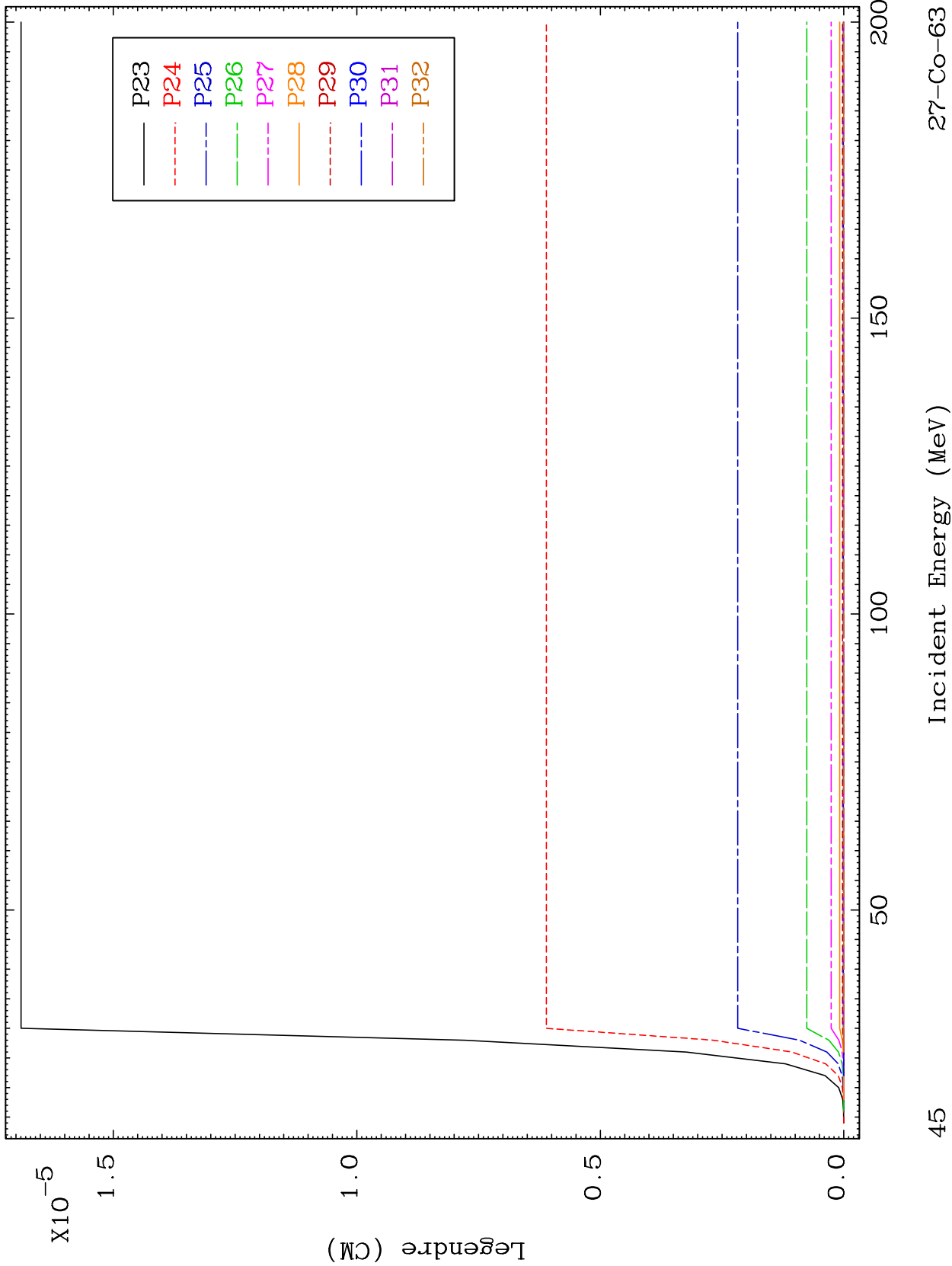
27-Co-63



MAT 2737

2.129 MeV (n,n') Level
Legendre Coefficients

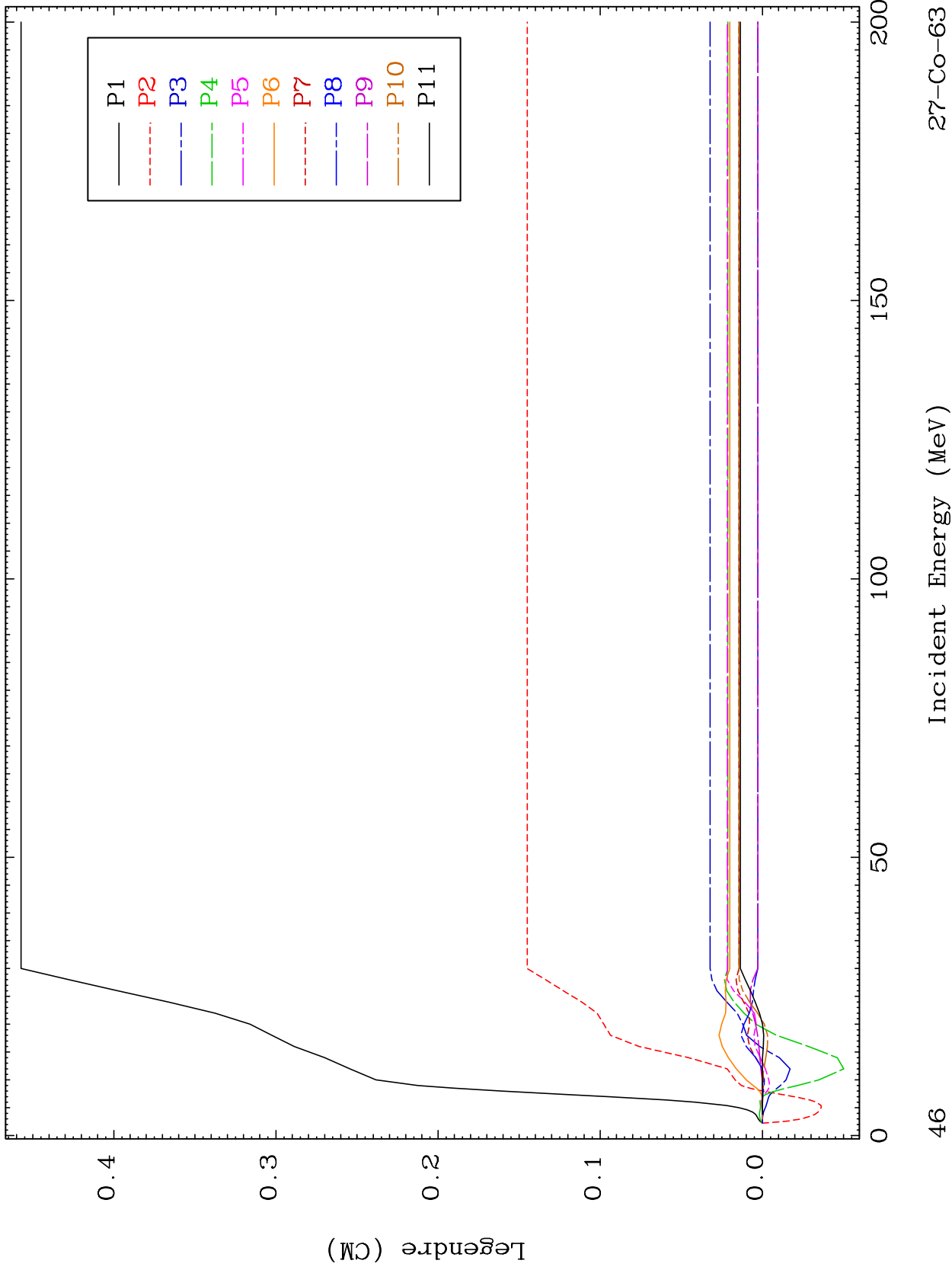
27-Co-63



MAT 2737

2.191 MeV (n,n') Level
Legendre Coefficients

27-Co-63



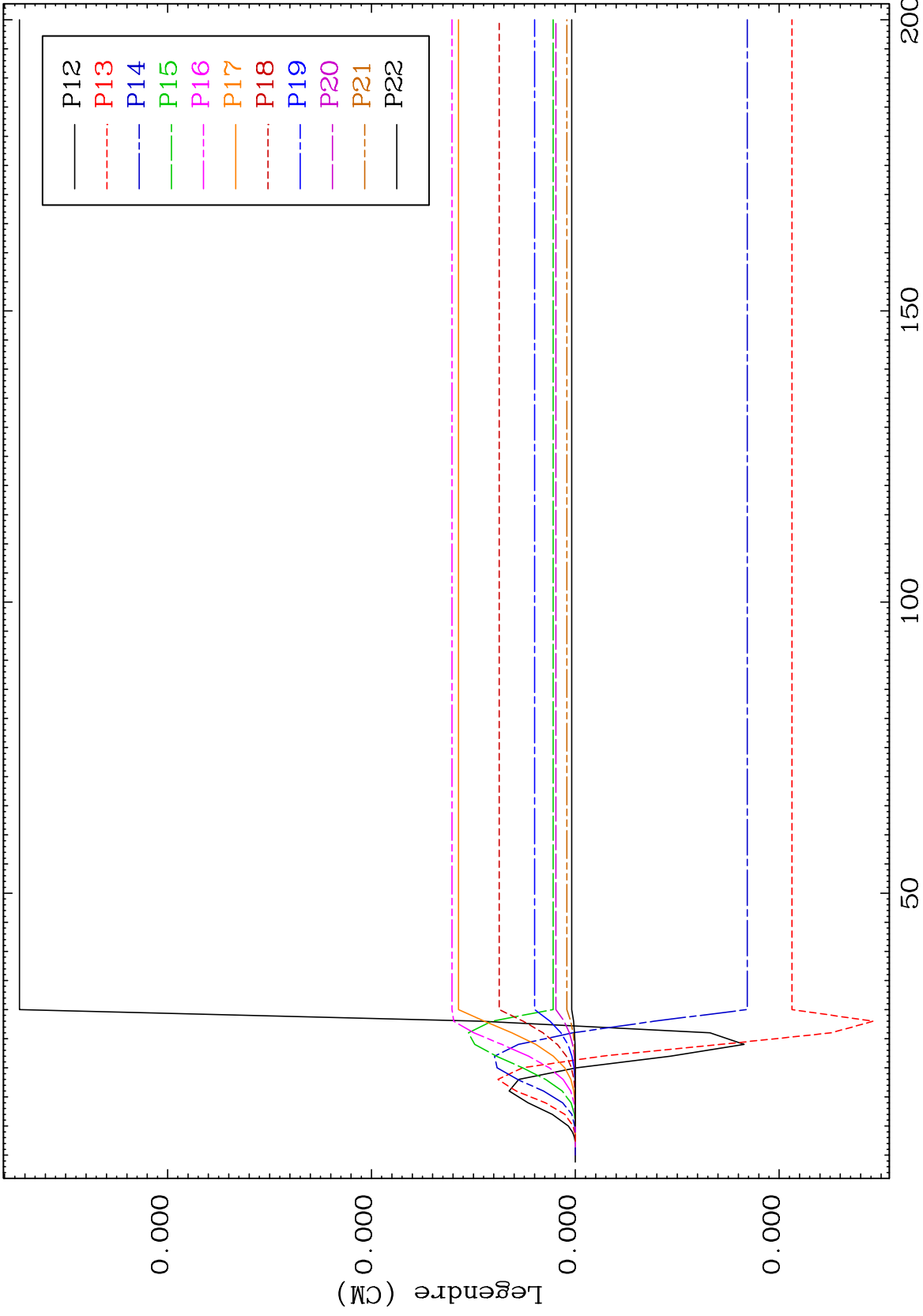
46

27-Co-63

MAT 2737

2.191 MeV (n,n') Level
Legendre Coefficients

27-Co-63



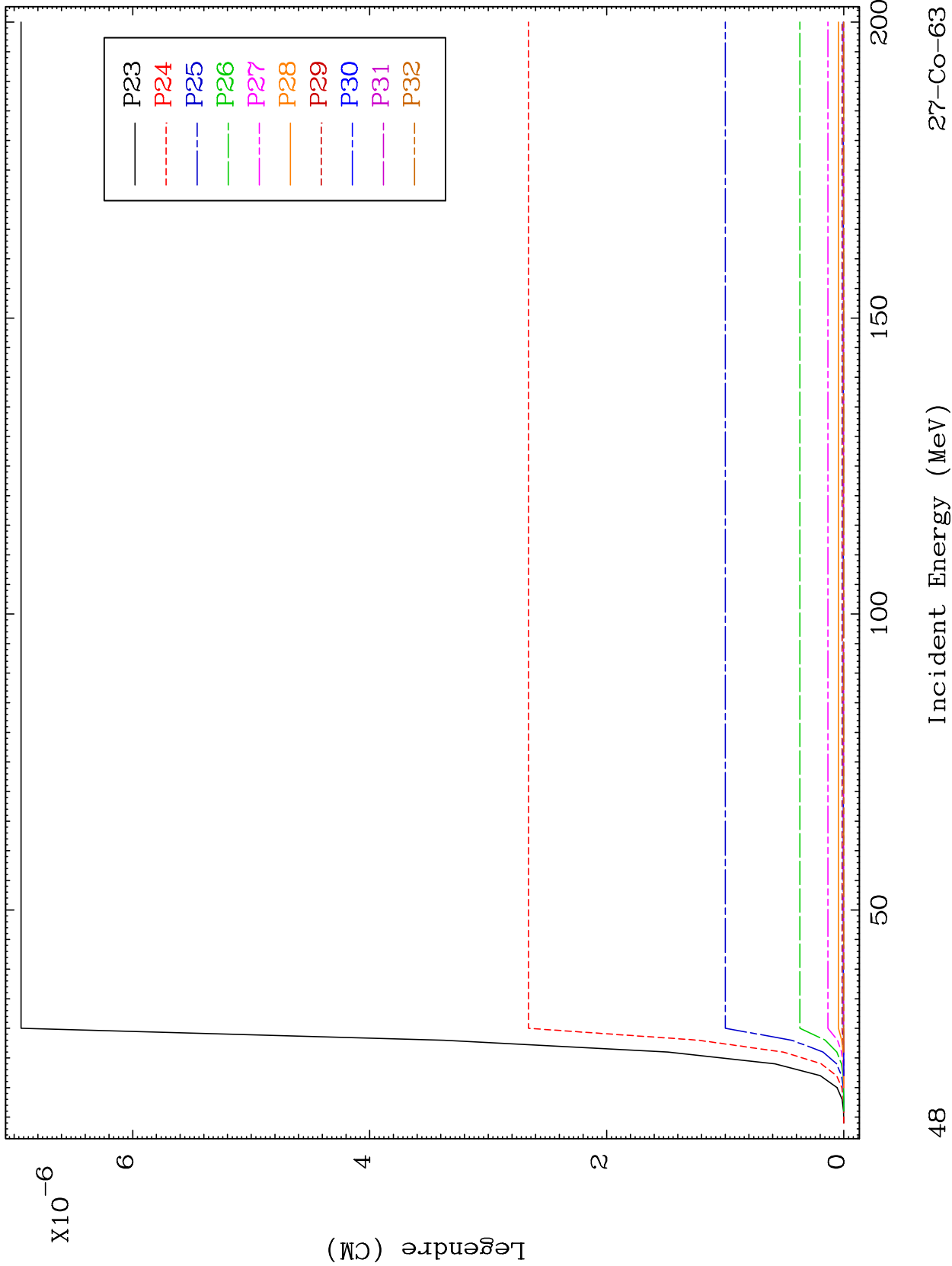
47

27-Co-63

MAT 2737

2.191 MeV (n,n') Level
Legendre Coefficients

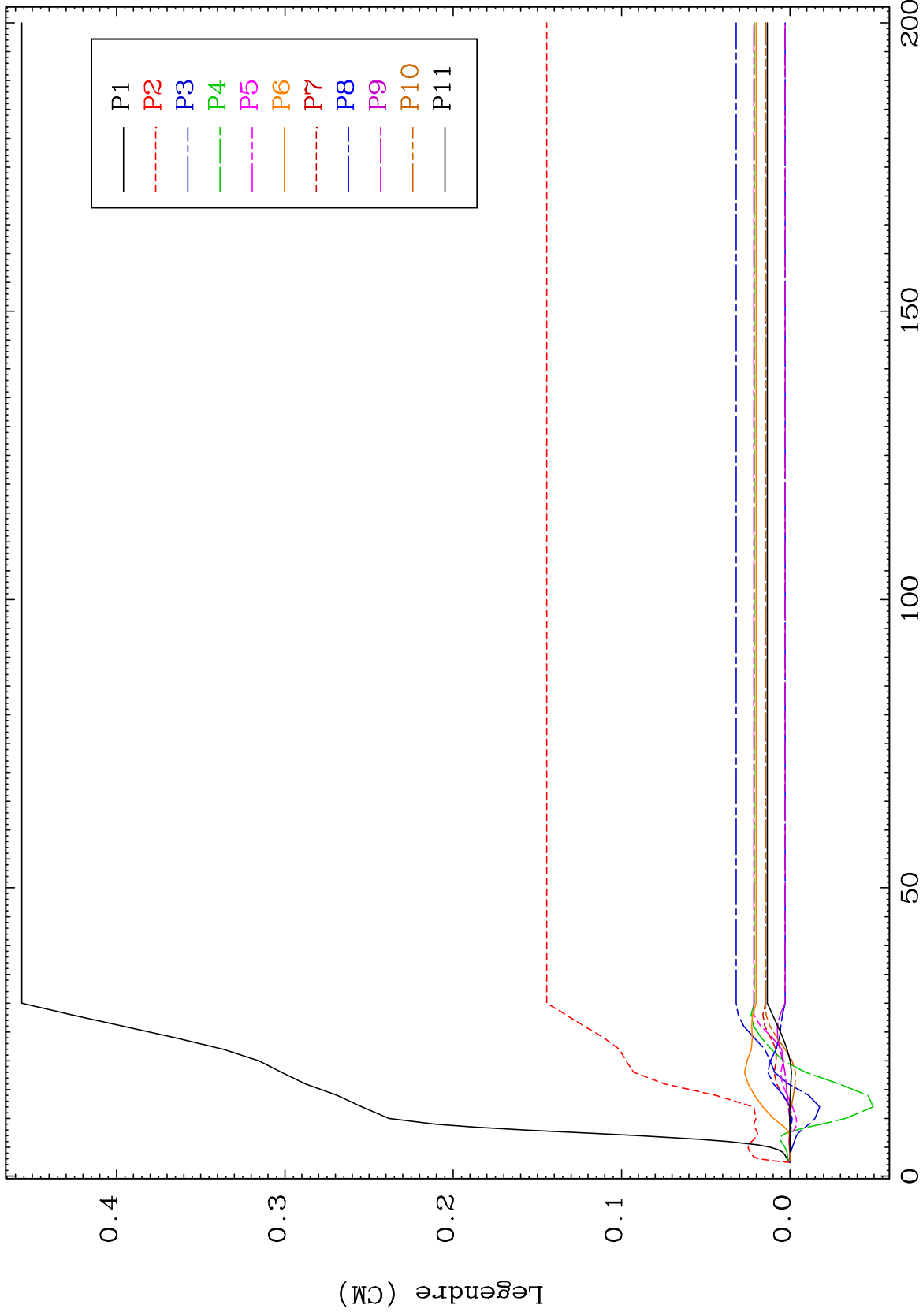
27-Co-63



MAT 2737

2.330 MeV (n,n') Level
Legendre Coefficients

27-Co-63



49

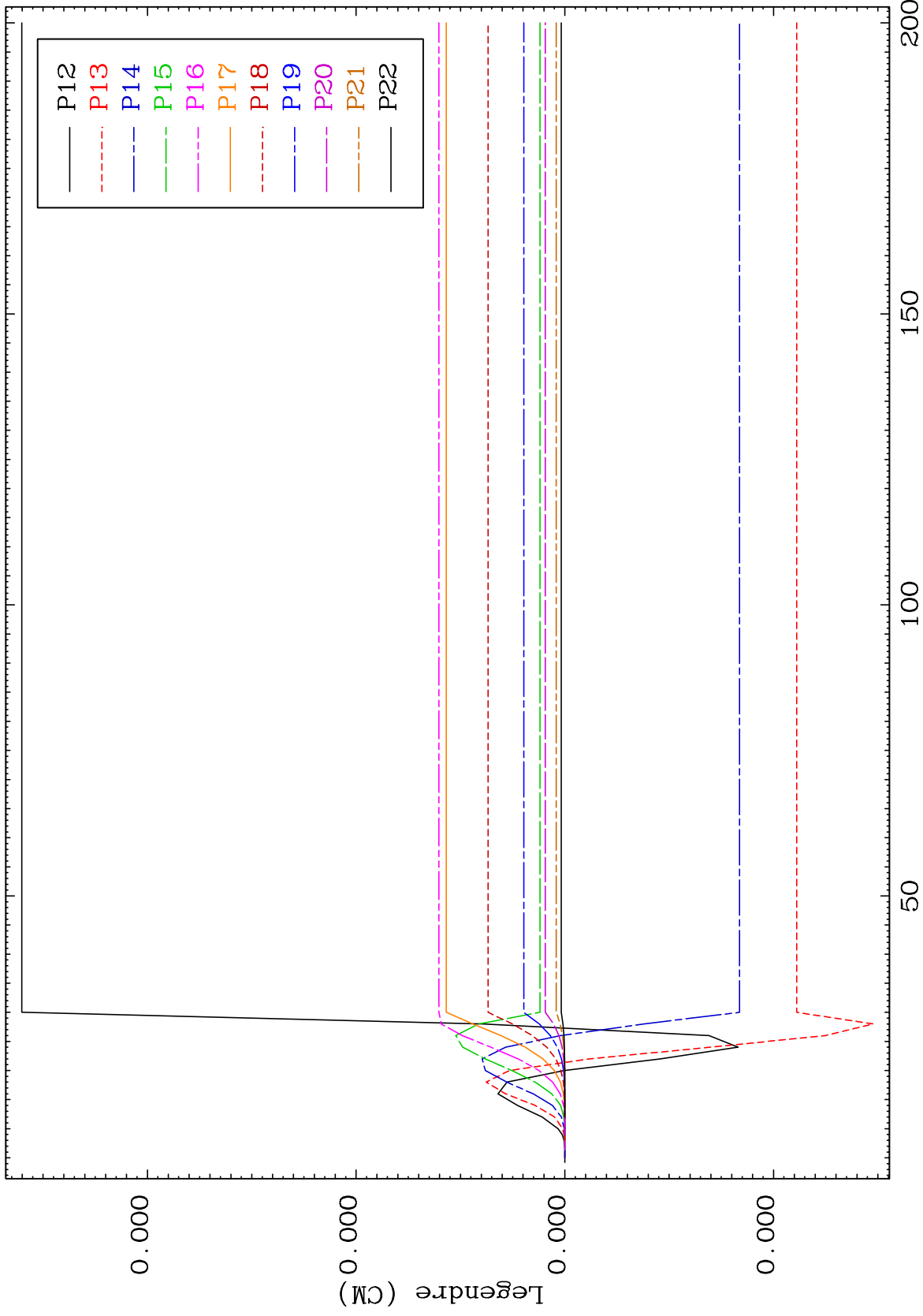
Incident Energy (MeV)

27-Co-63

MAT 2737

2.330 MeV (n,n') Level
Legendre Coefficients

27-Co-63



50

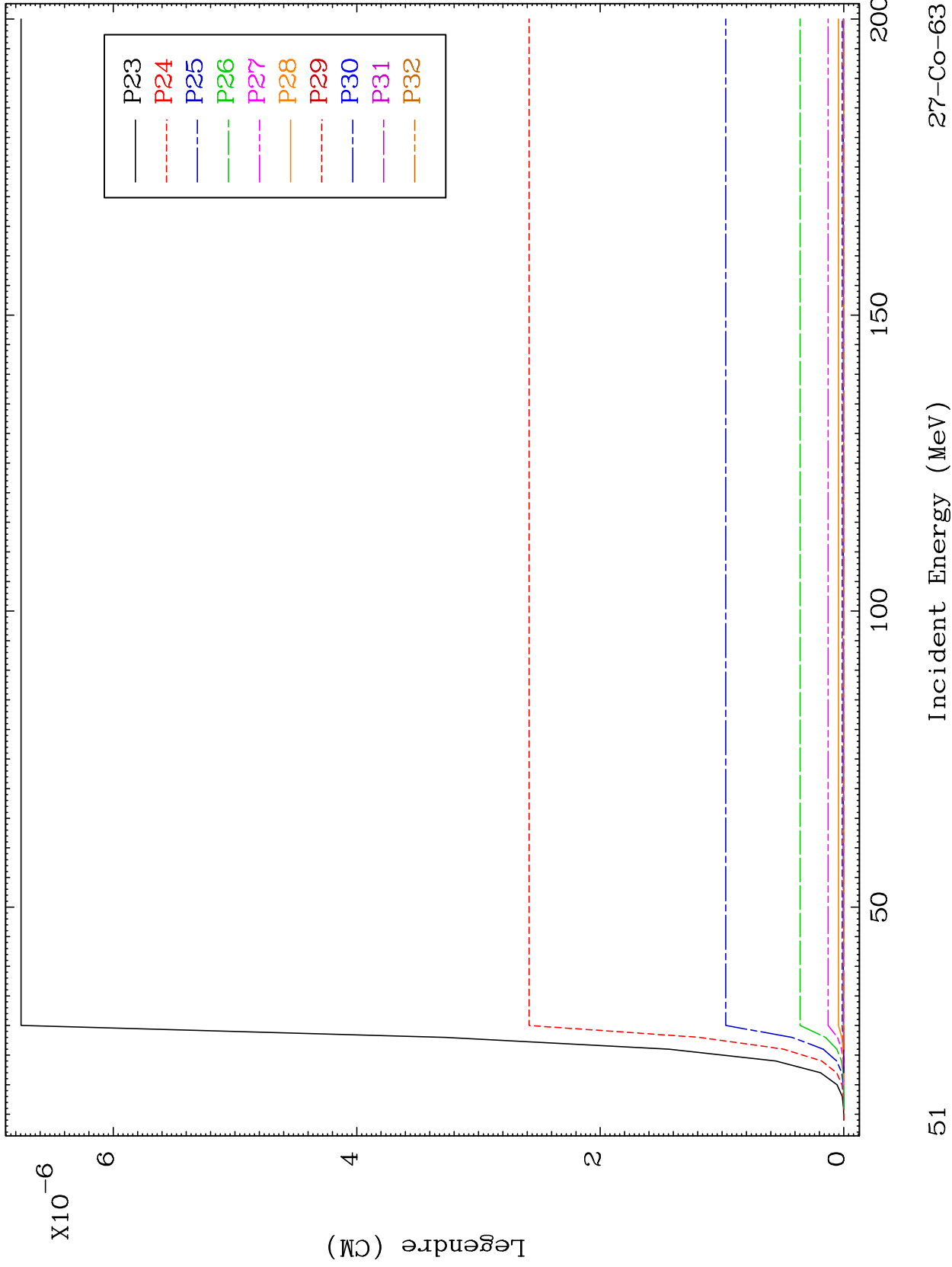
Incident Energy (MeV)

27-Co-63

MAT 2737

2.330 MeV (n,n') Level
Legendre Coefficients

27-Co-63



51

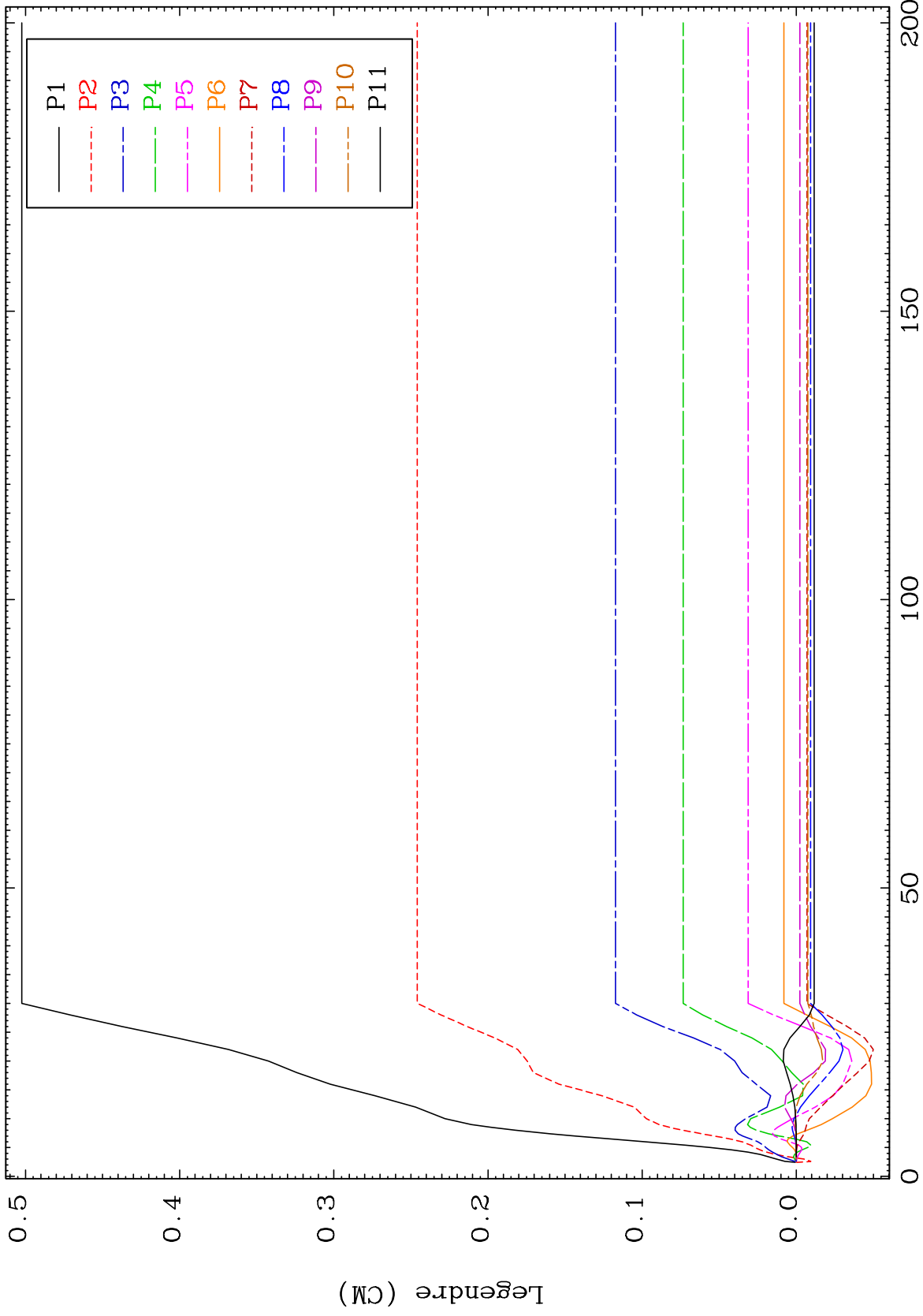
Incident Energy (MeV)

27-Co-63

MAT 2737

2.375 MeV (n,n') Level
Legendre Coefficients

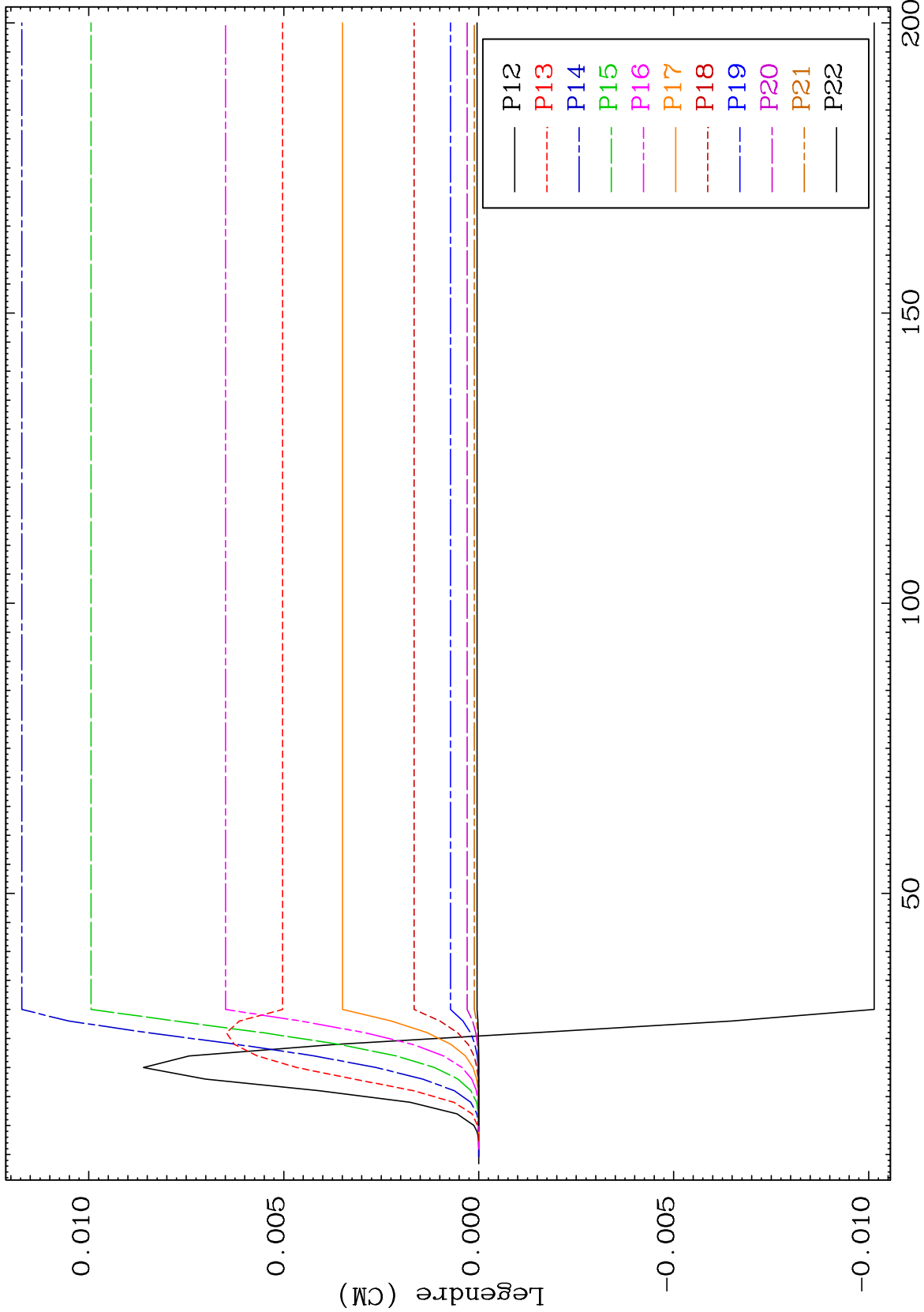
27-Co-63



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Incident Energy (MeV)

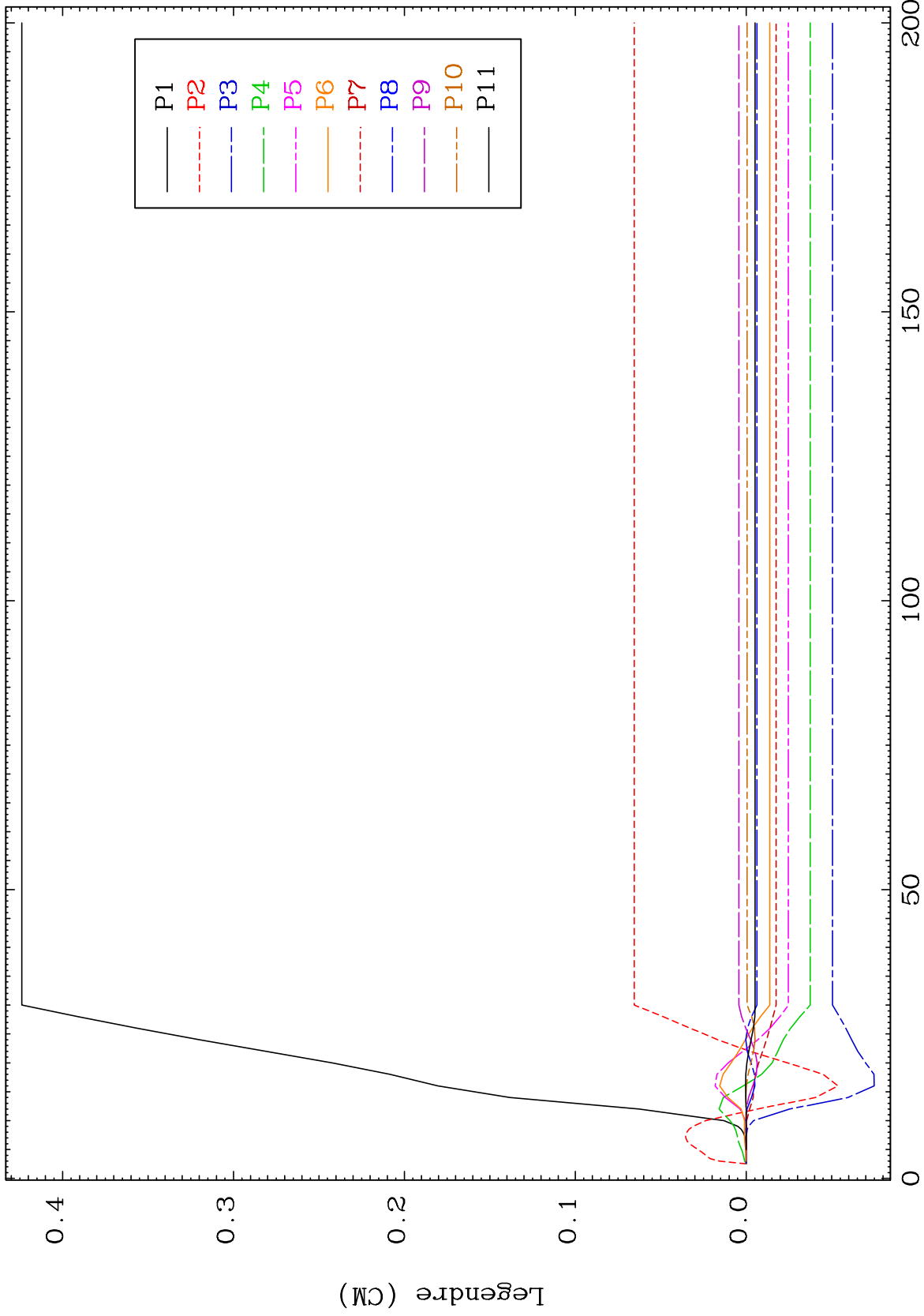
27-Co-63



MAT 2737

2.473 MeV (n,n') Level
Legendre Coefficients

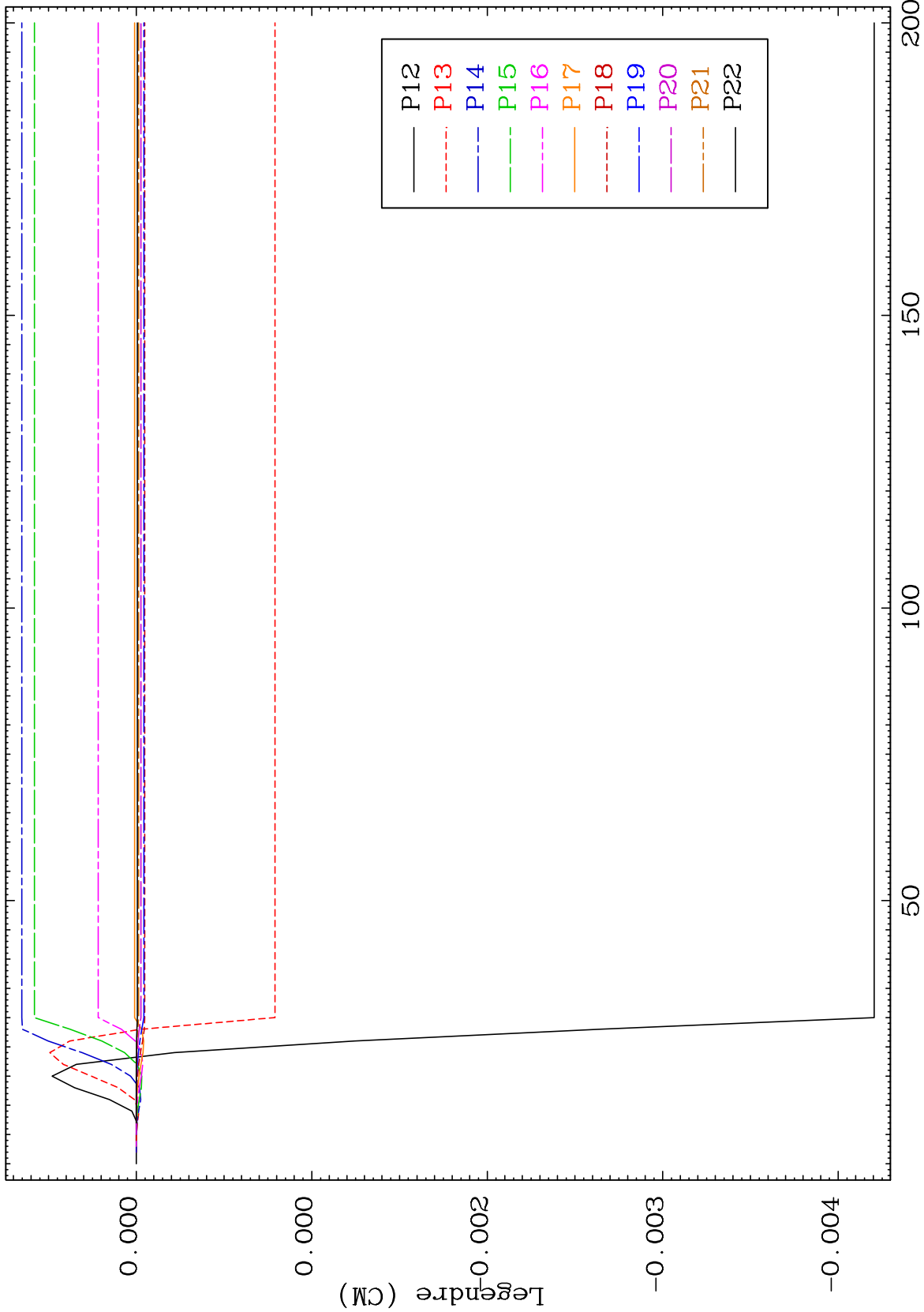
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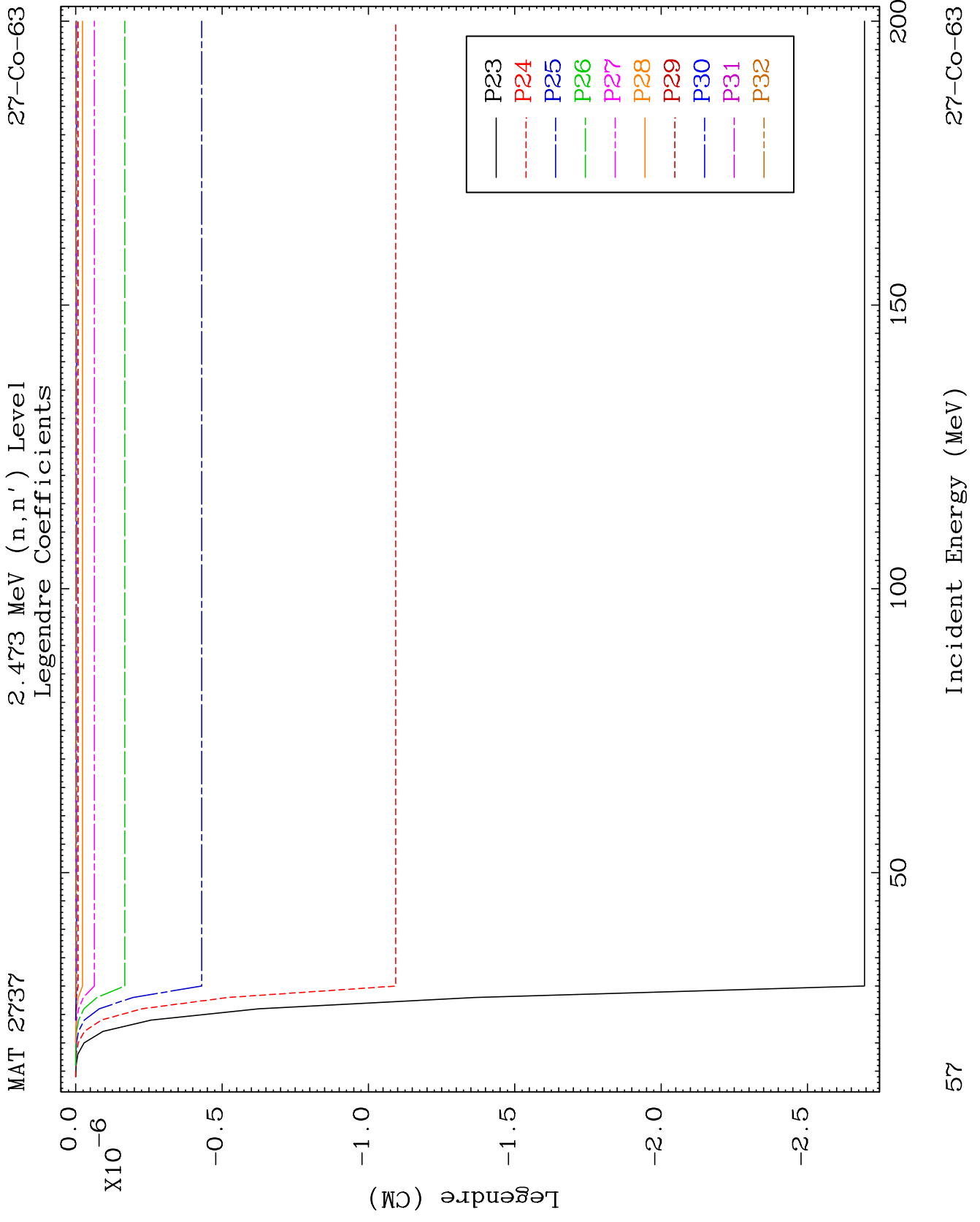


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Incident Energy (MeV)

27-Co-63

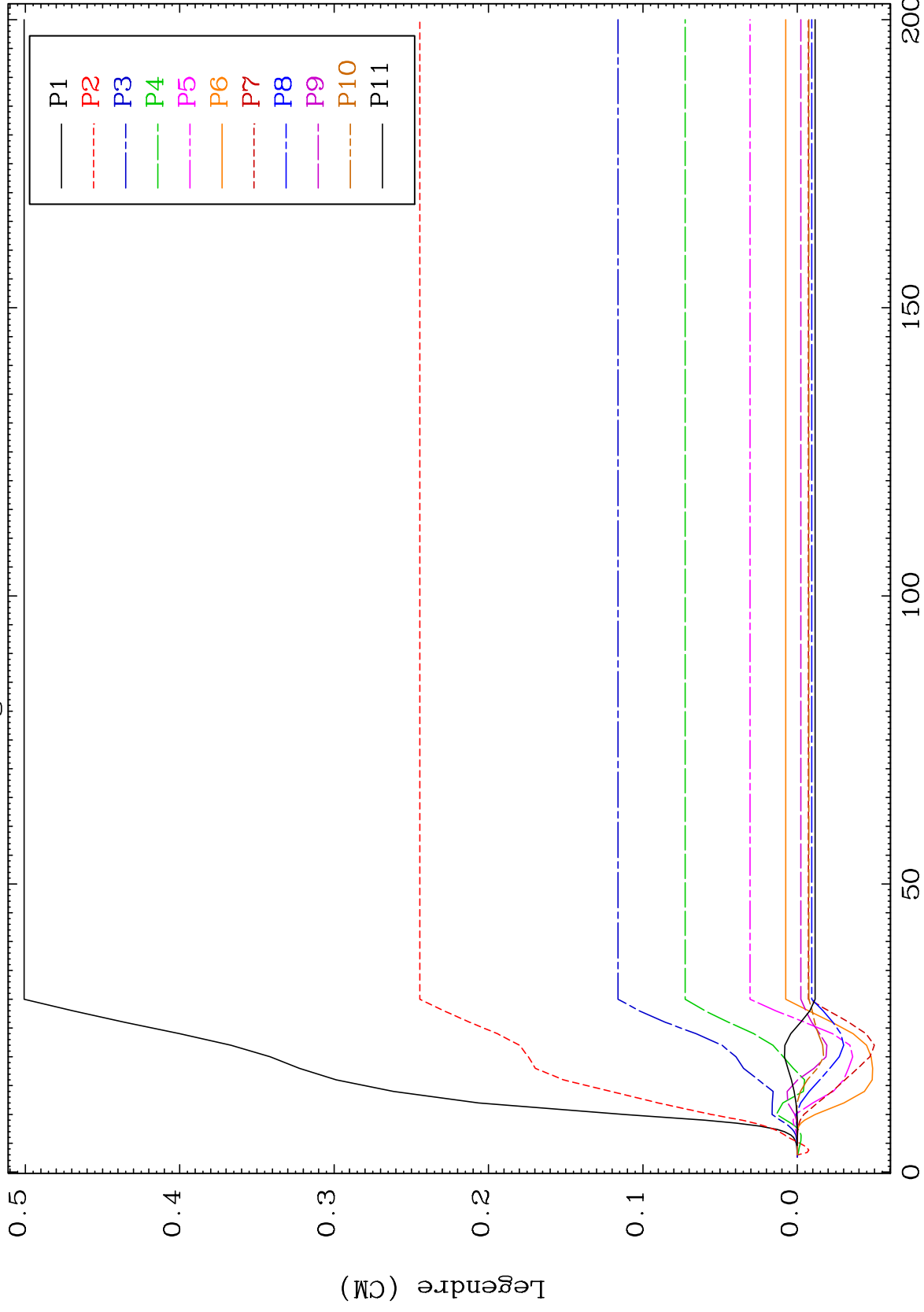




MAT 2737

2.539 MeV (n,n') Level
Legendre Coefficients

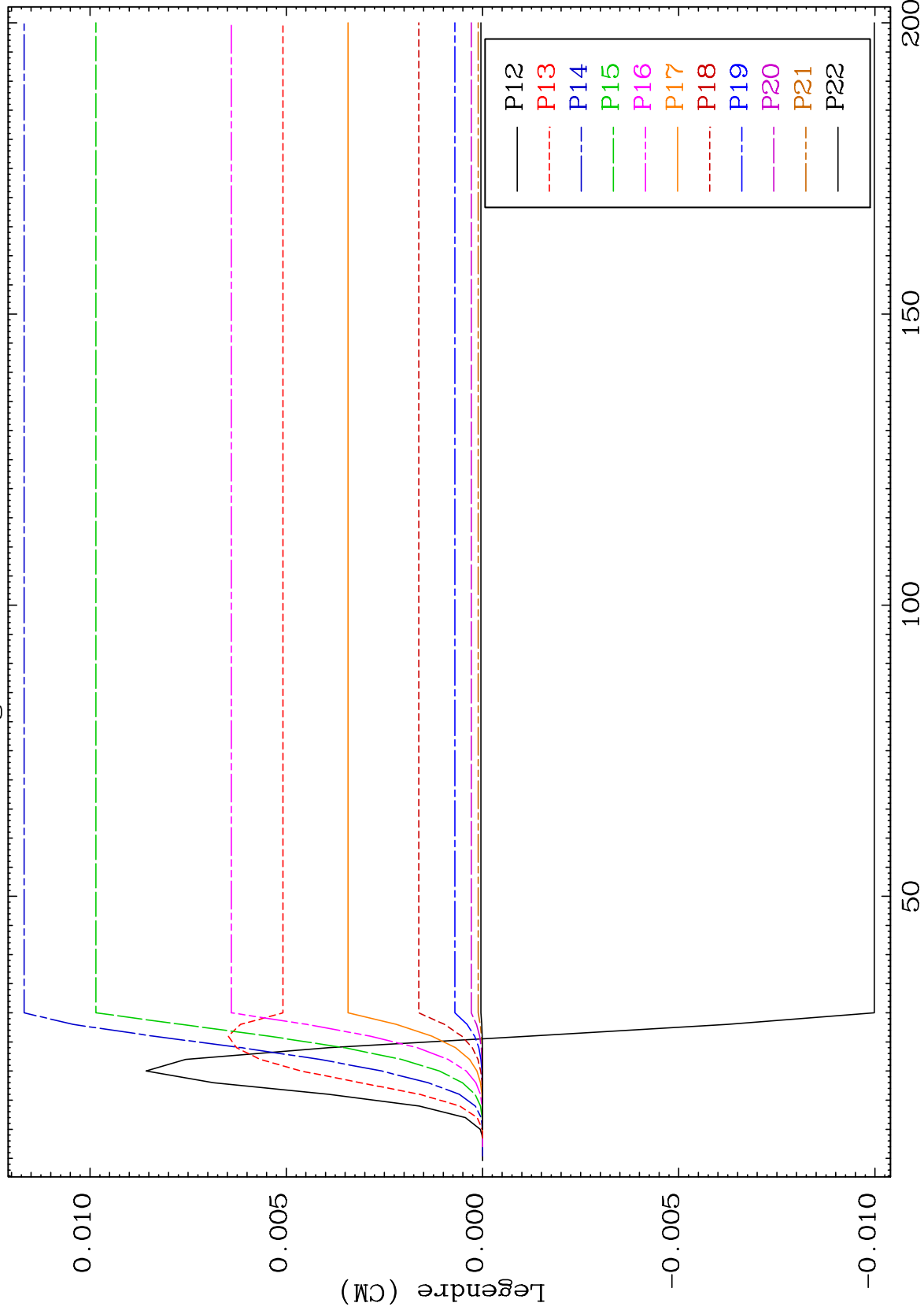
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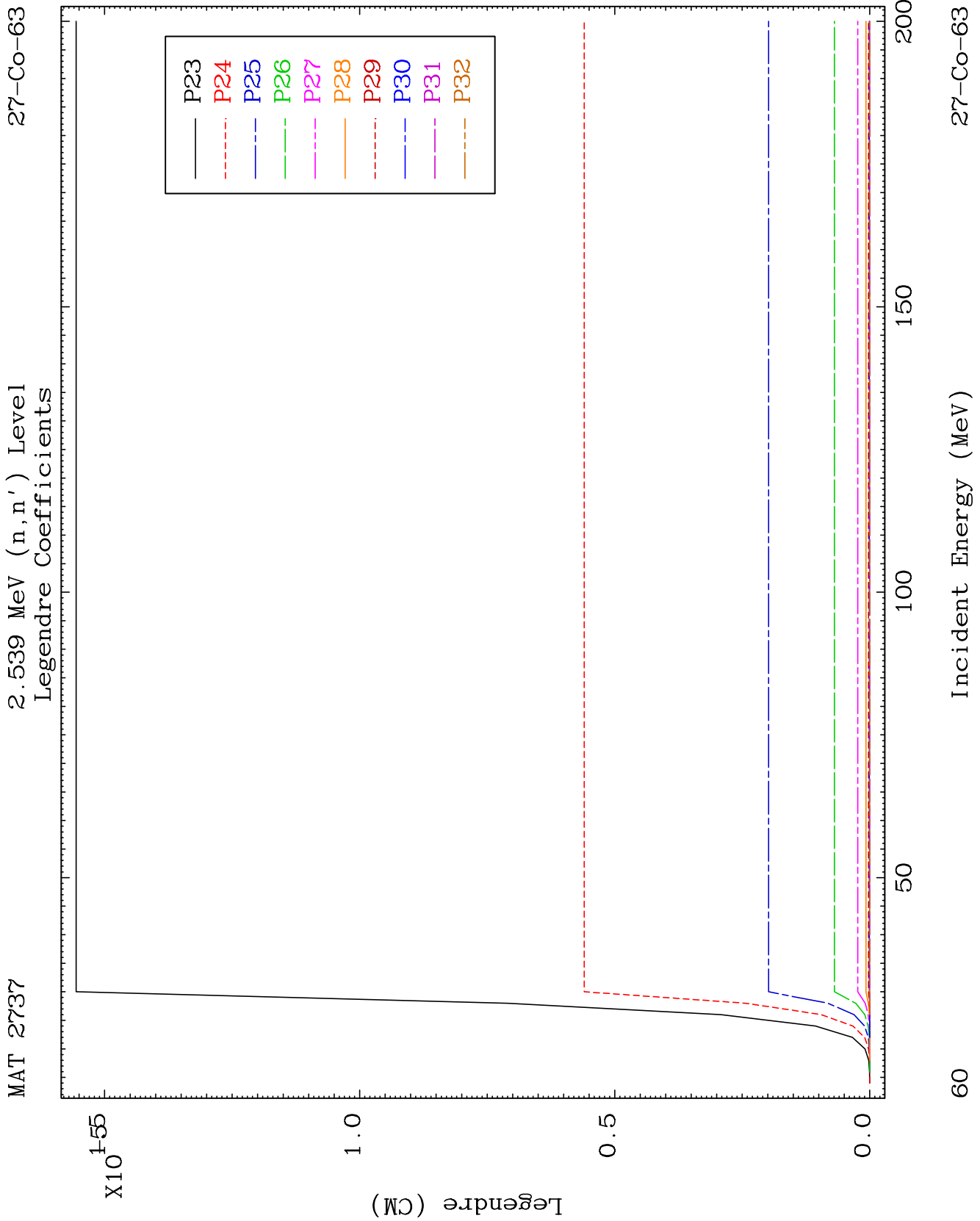


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Incident Energy (MeV)

27-Co-63

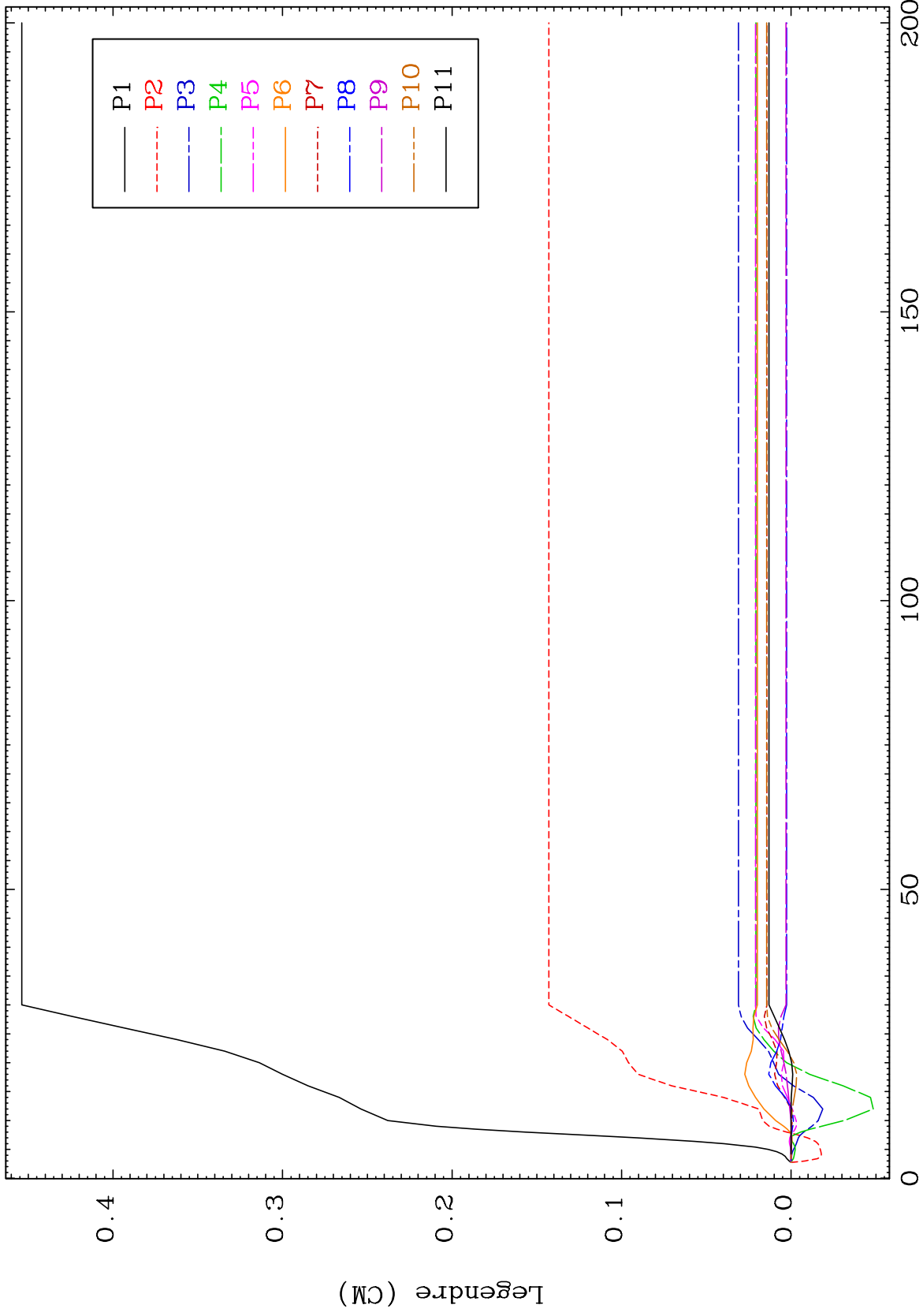




MAT 2737

2.689 MeV (n,n') Level
Legendre Coefficients

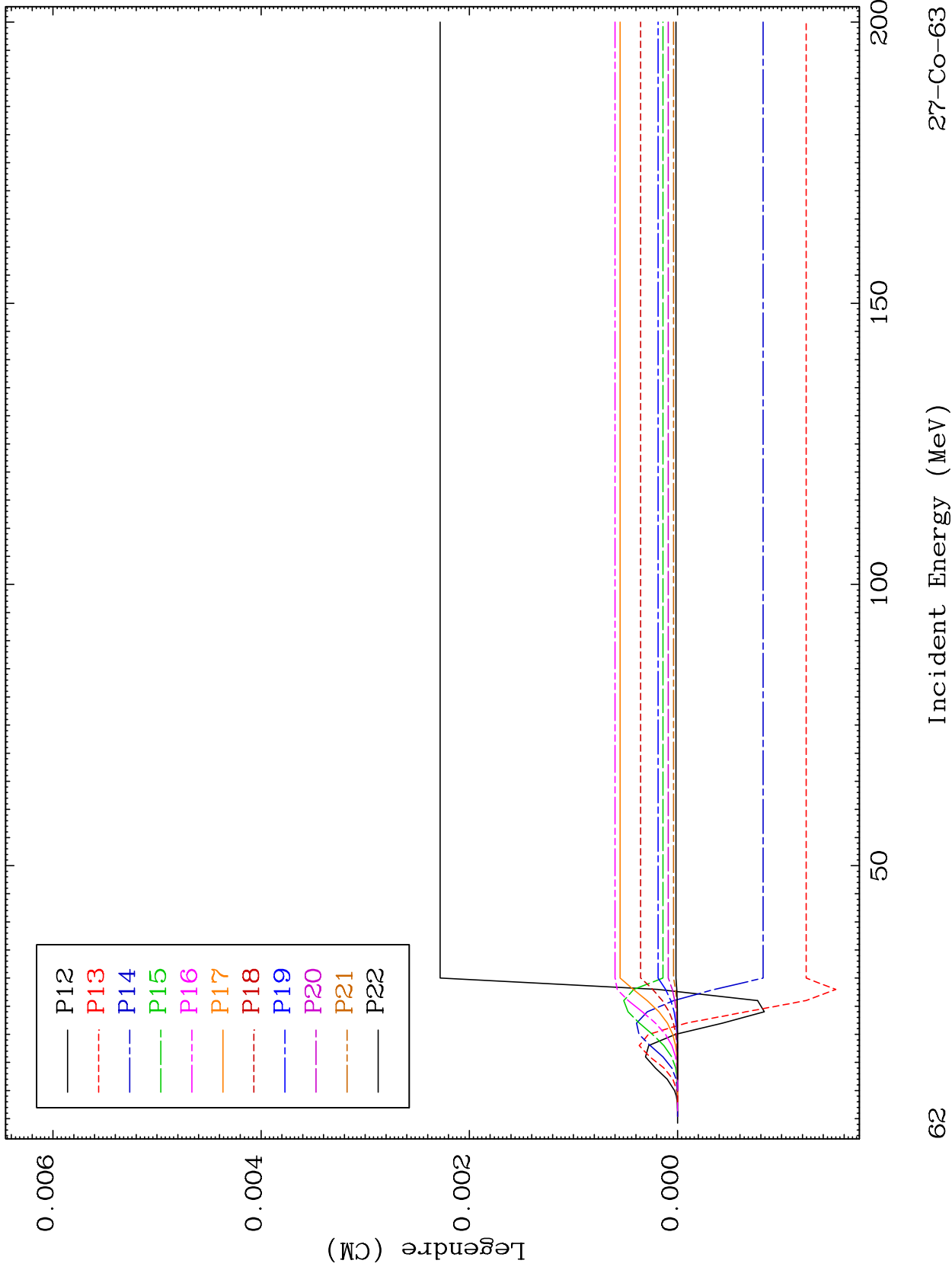
27-Co-63



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Incident Energy (MeV)

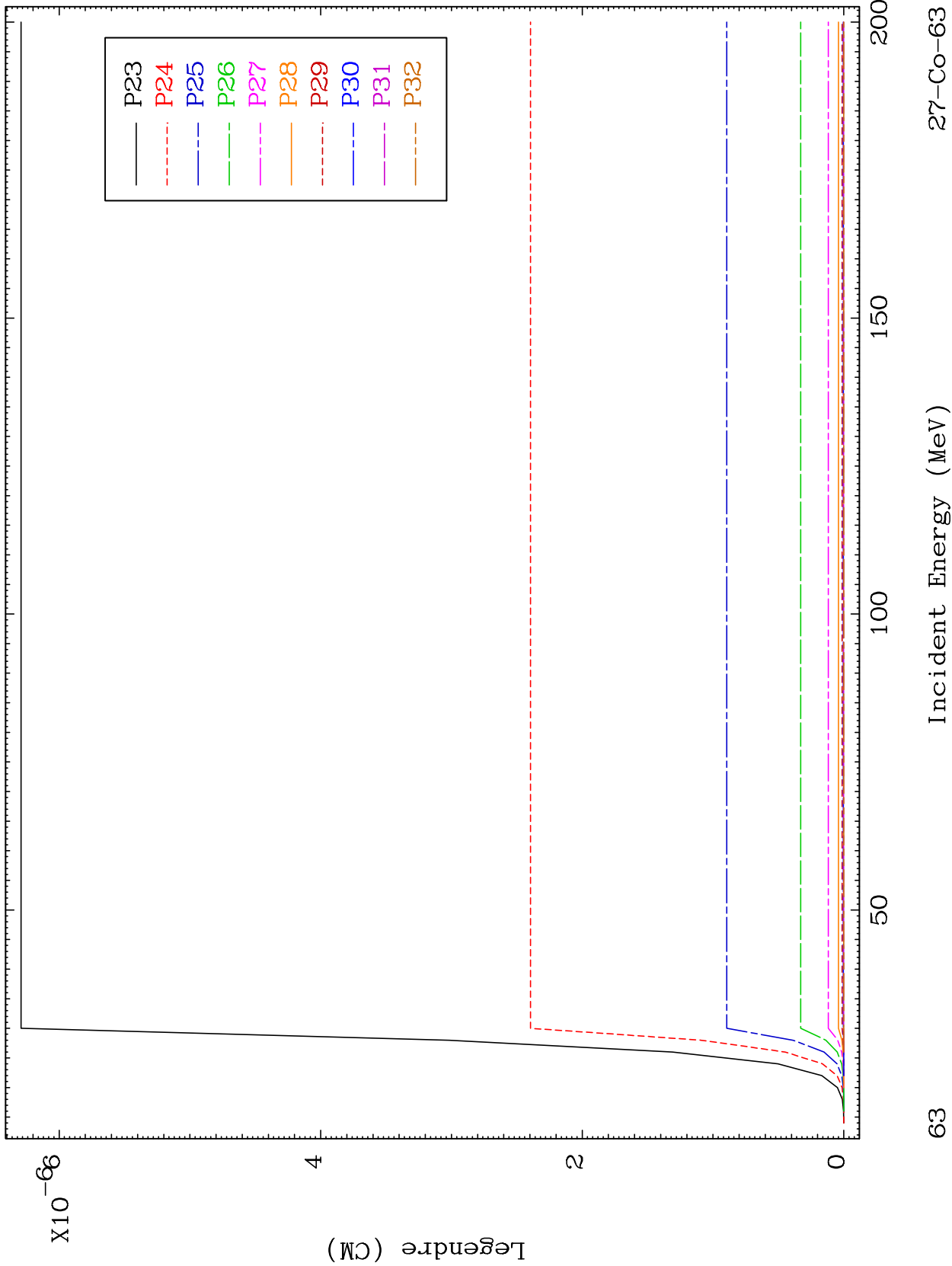
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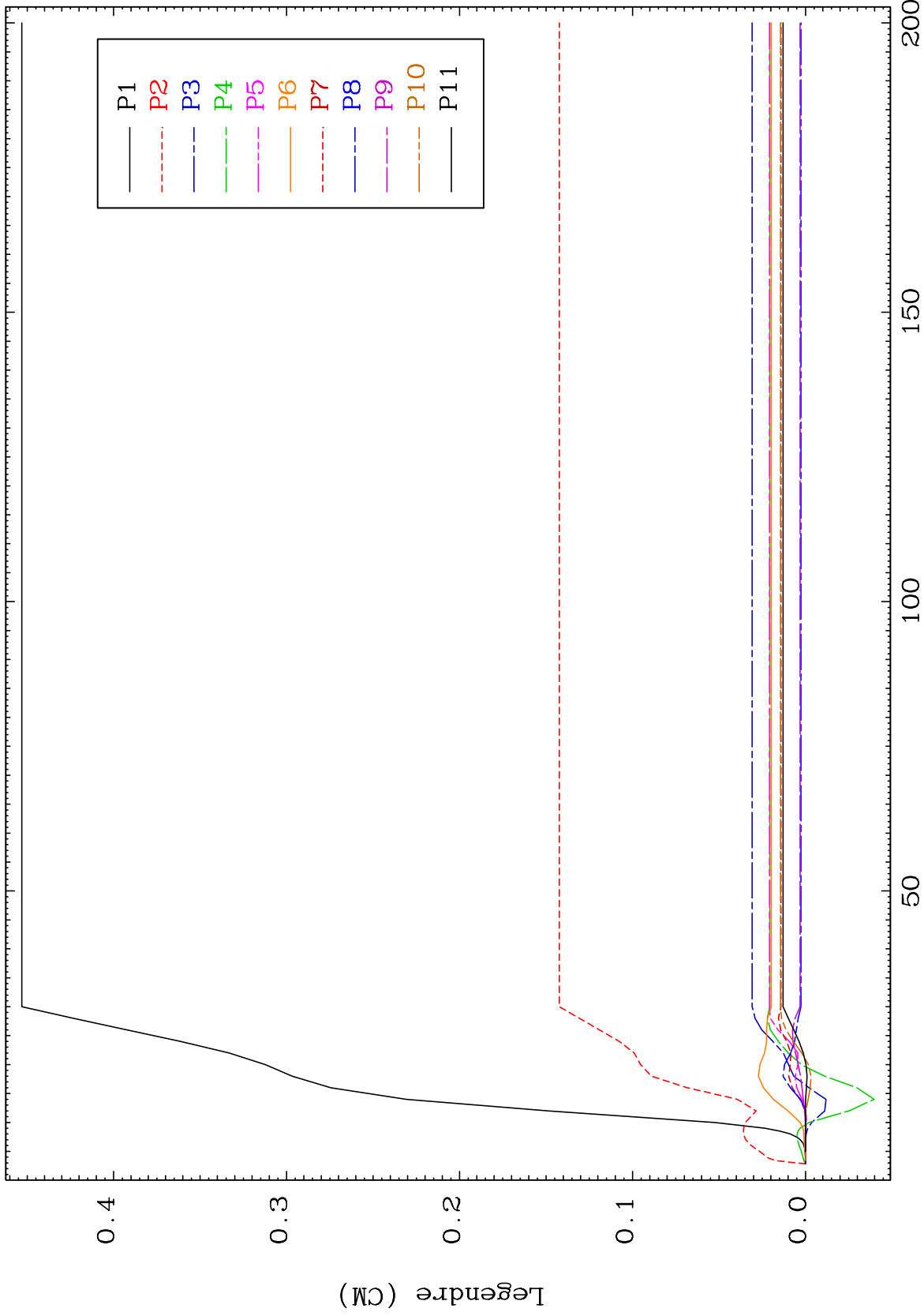


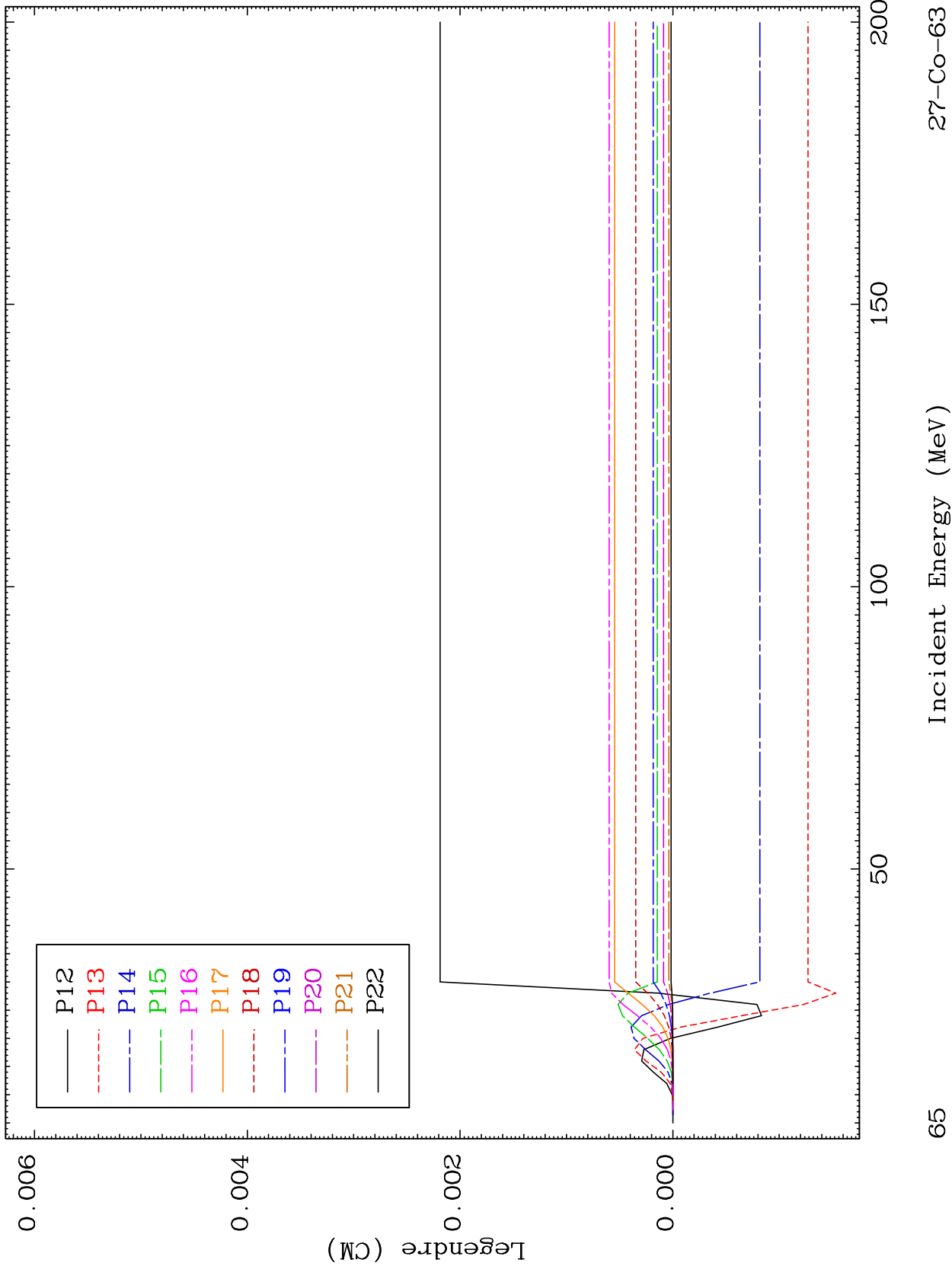
MAT 2737

2.689 MeV (n,n') Level
Legendre Coefficients

27-Co-63



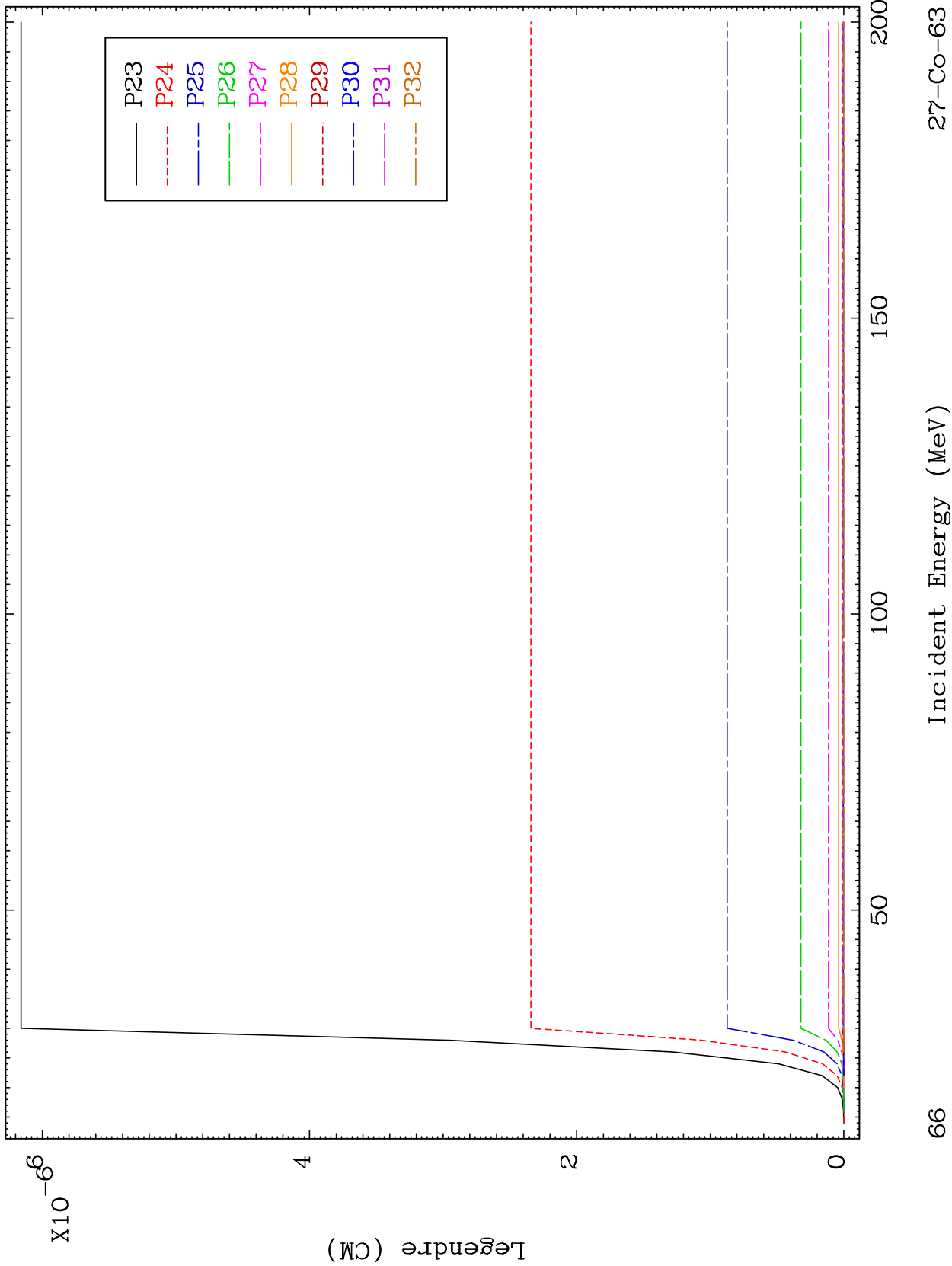




MAT 2737

2.794 MeV (n,n') Level
Legendre Coefficients

27-Co-63



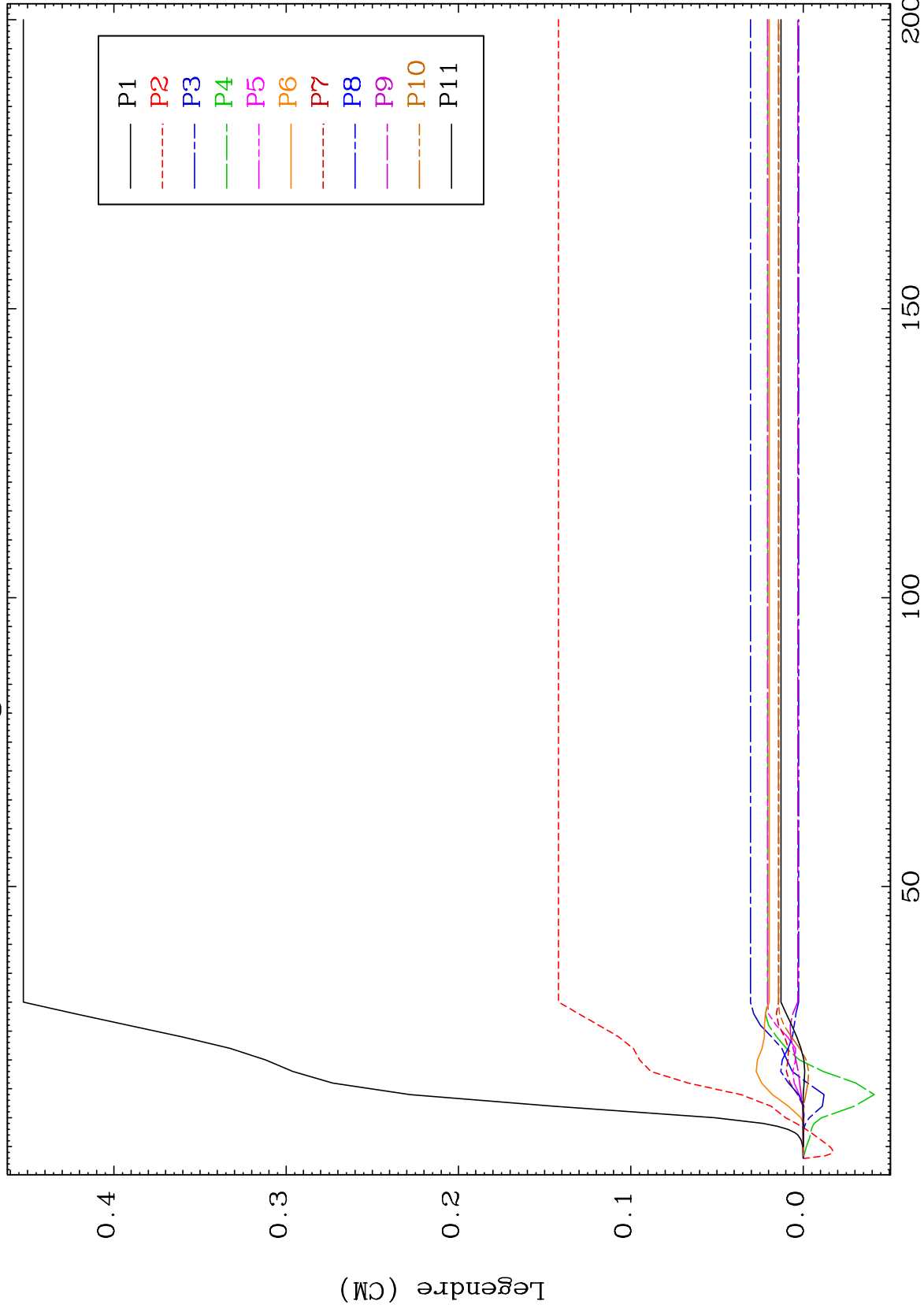
66

27-Co-63

MAT 2737

2.882 MeV (n,n') Level
Legendre Coefficients

27-Co-63



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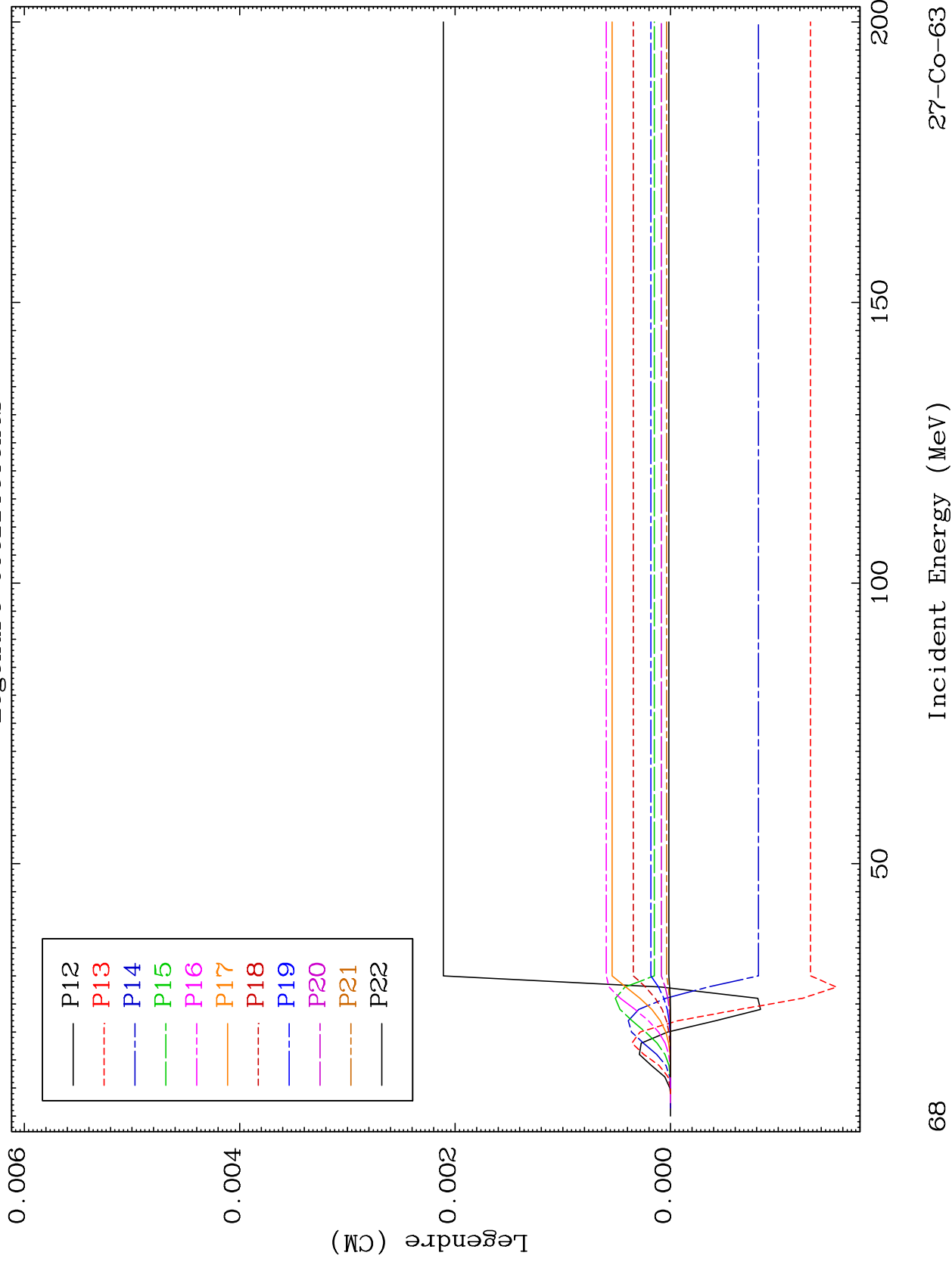
Incident Energy (MeV)

27-Co-63

MAT 2737

2.882 MeV (n,n') Level
Legendre Coefficients

27-Co-63



68

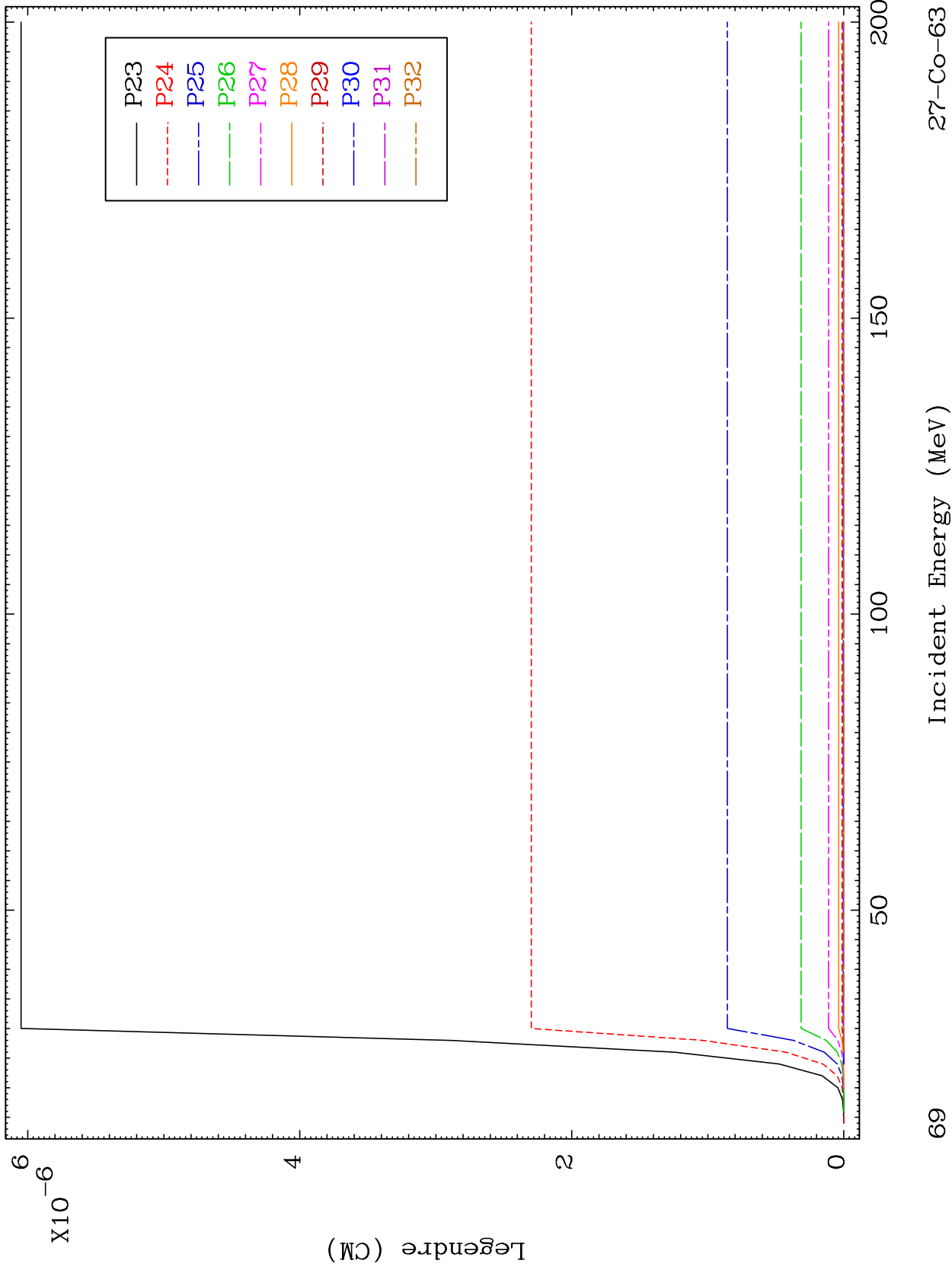
Incident Energy (MeV)

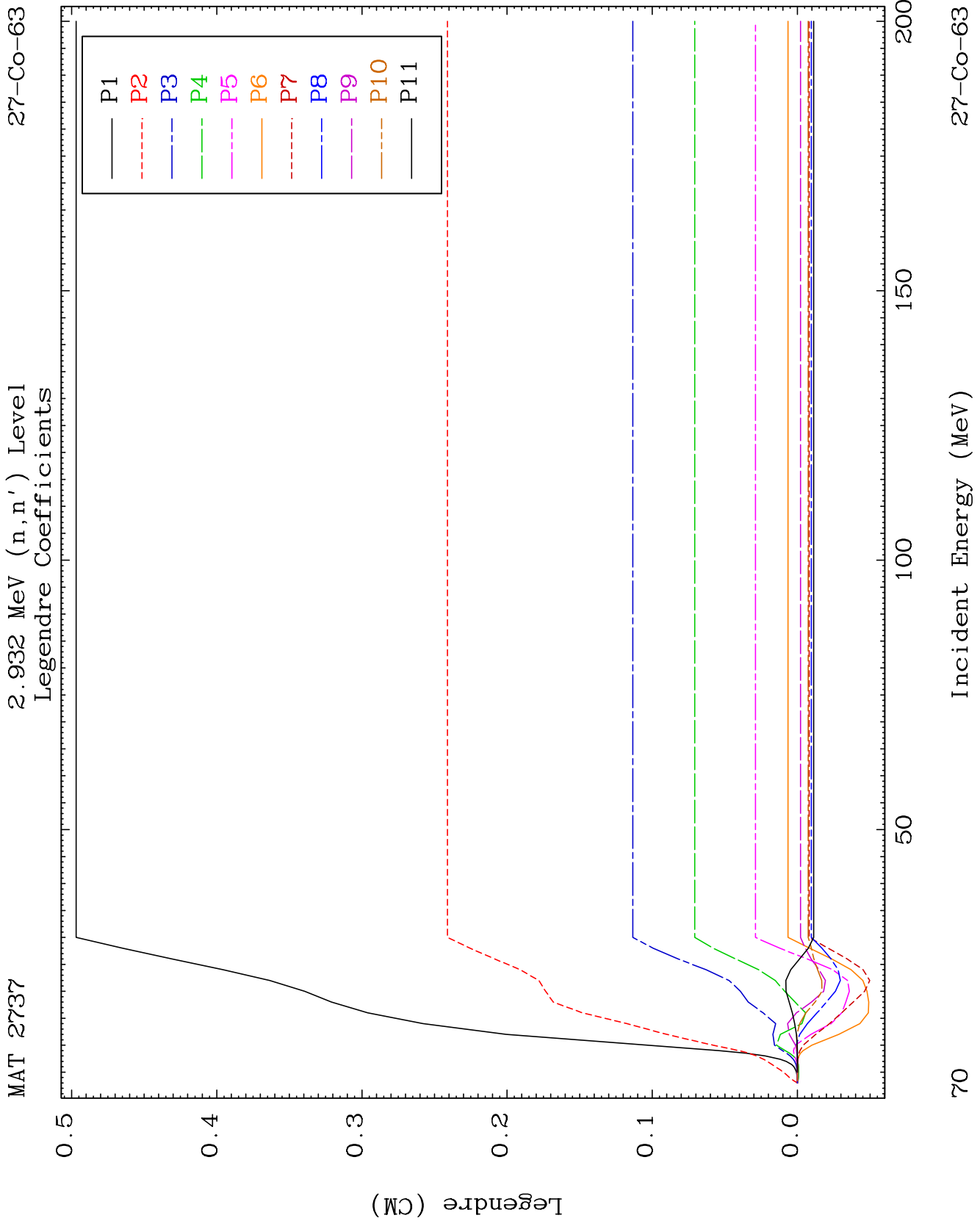
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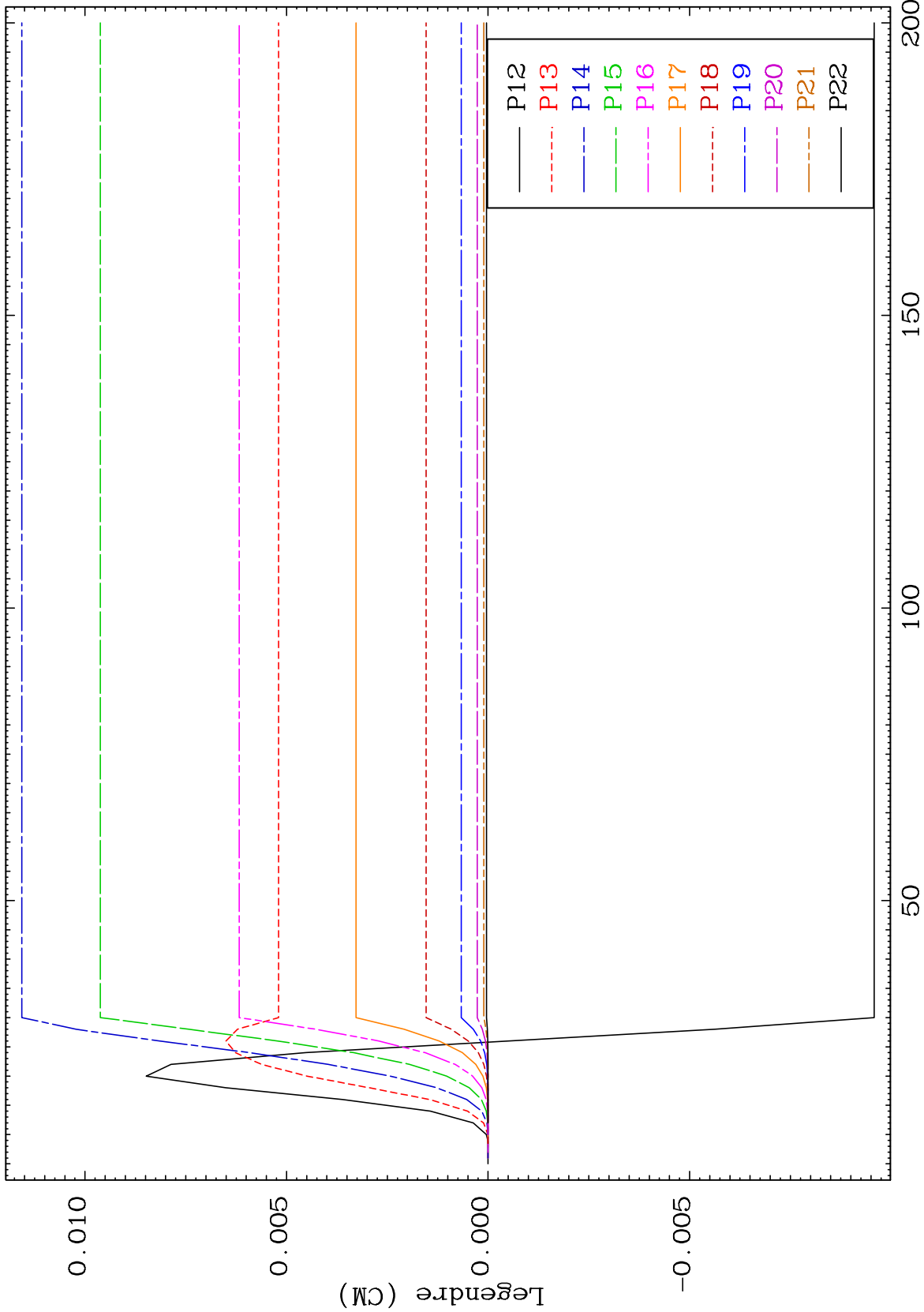
MAT 2737

2.882 MeV (n,n') Level
Legendre Coefficients

27-Co-63



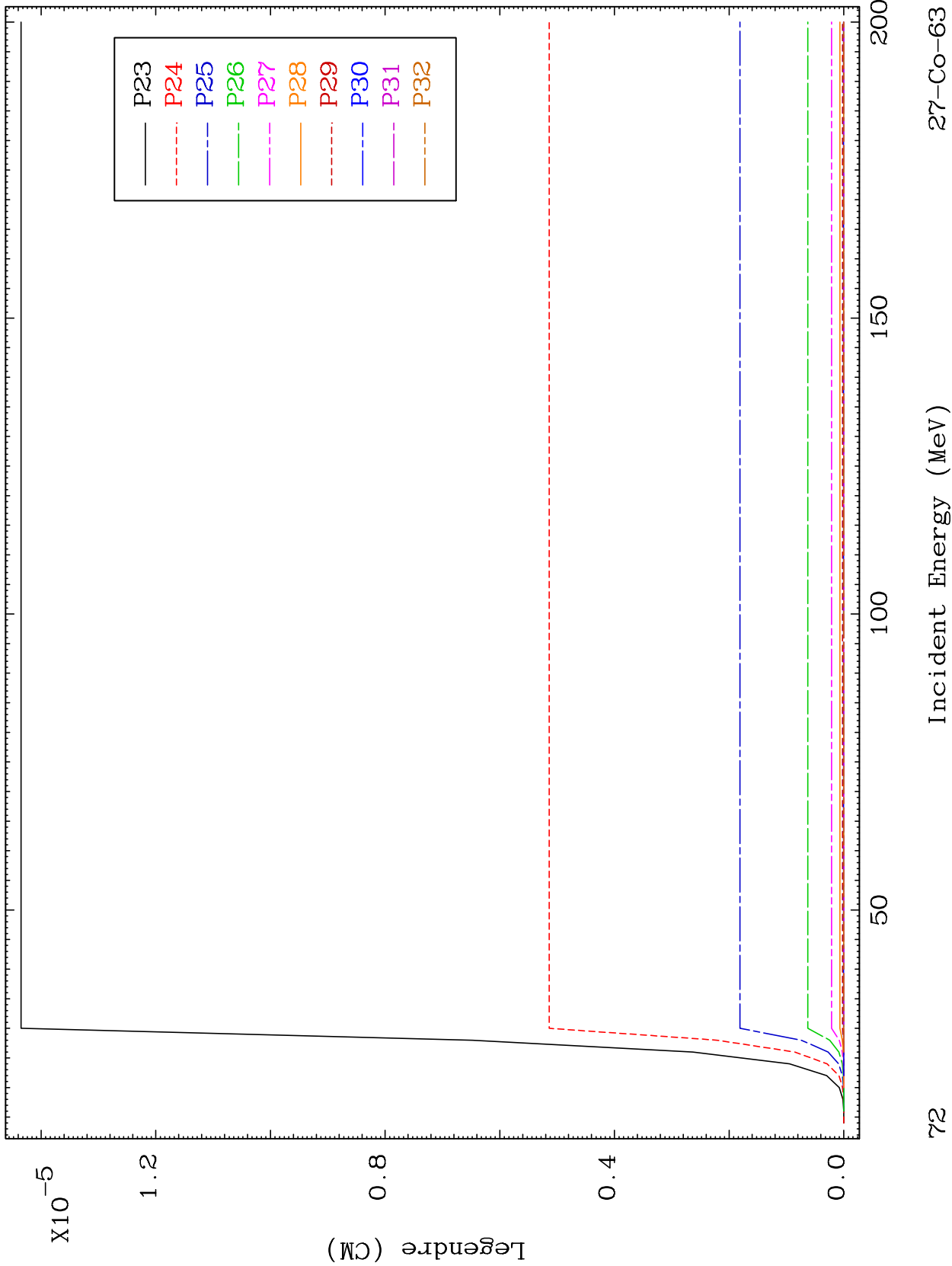




MAT 2737

2.932 MeV (n,n') Level
Legendre Coefficients

27-Co-63



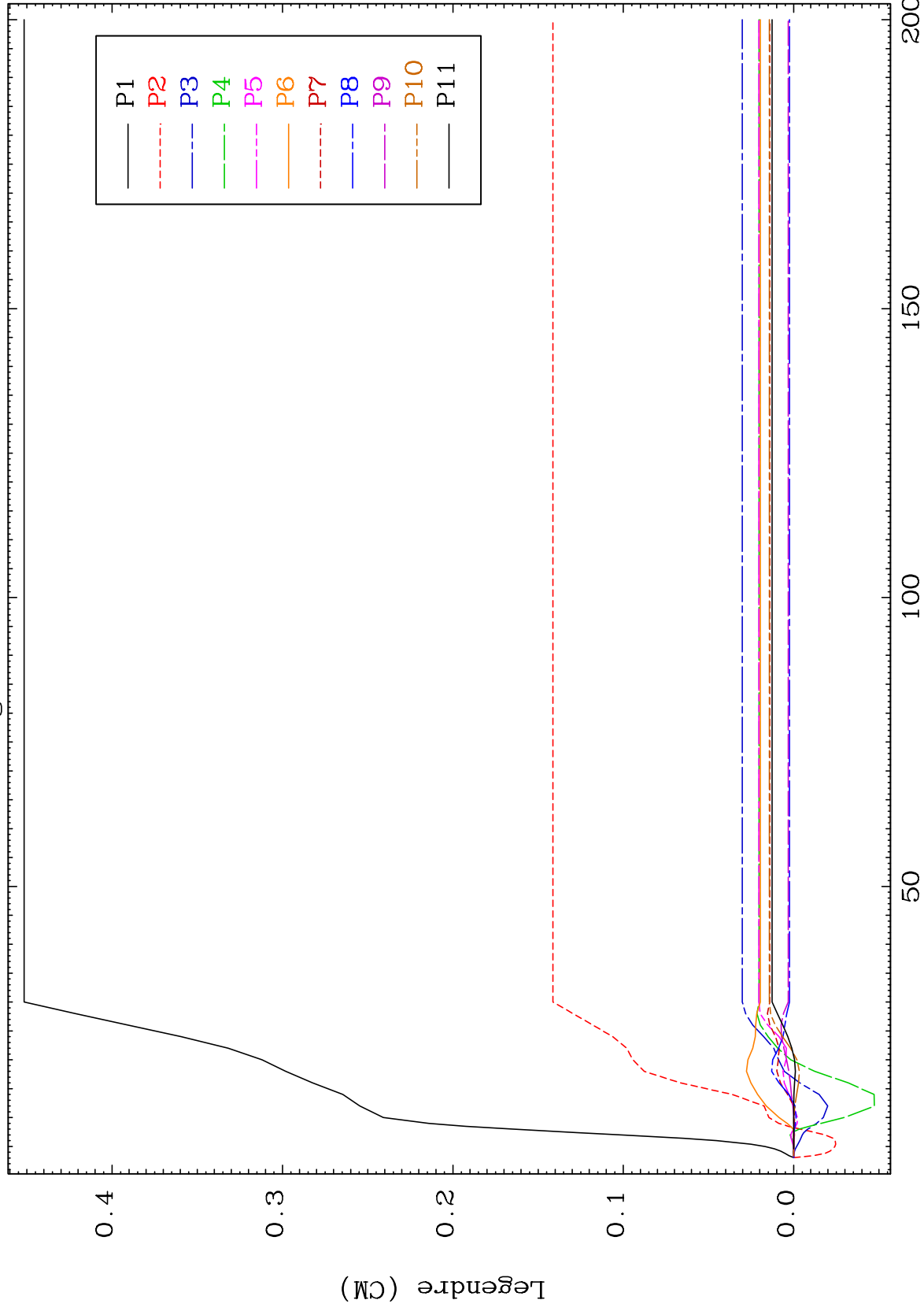
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27-Co-63

MAT 2737

3.007 MeV (n,n') Level
Legendre Coefficients

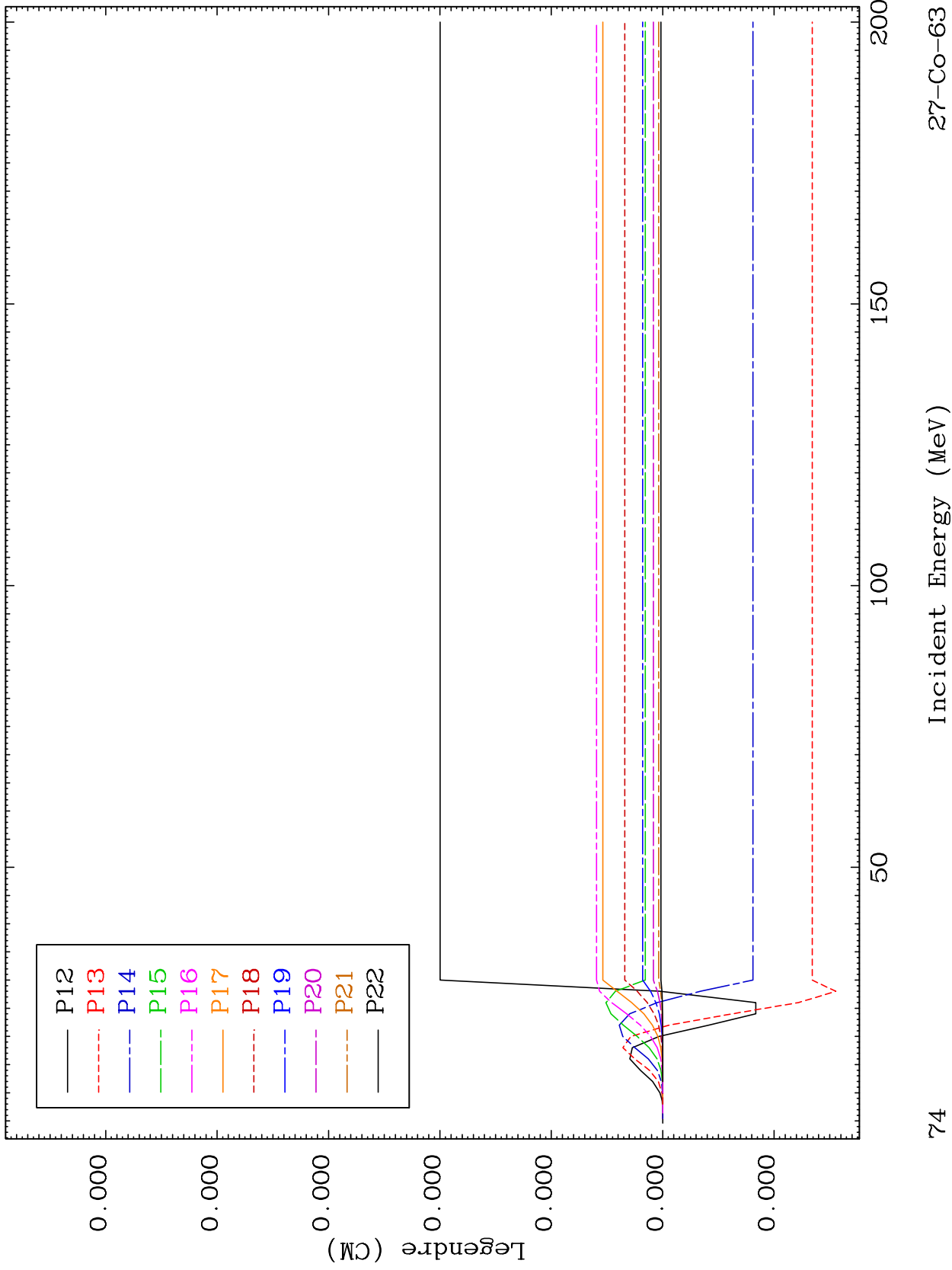
27-Co-63

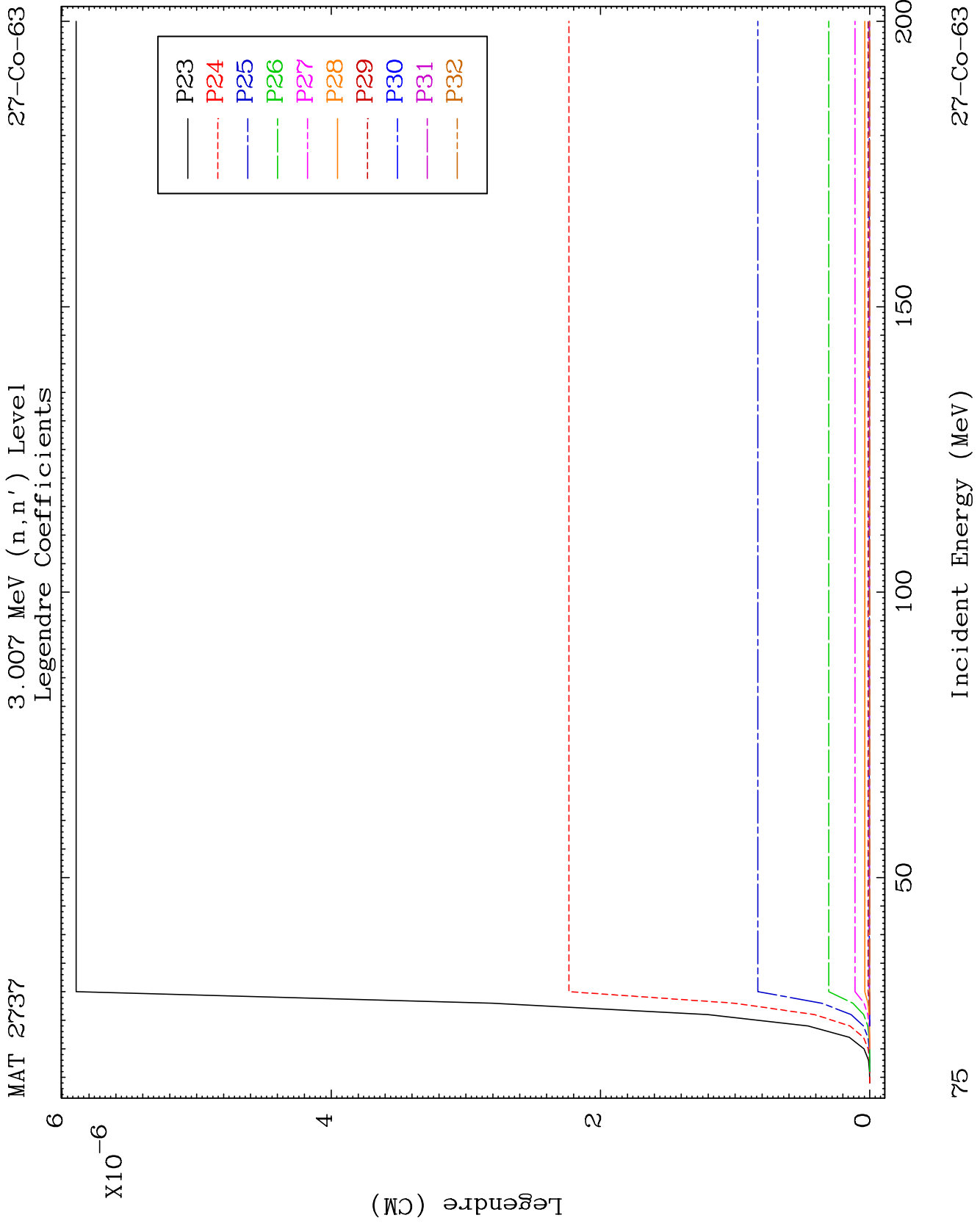


73

Incident Energy (MeV)

27-Co-63

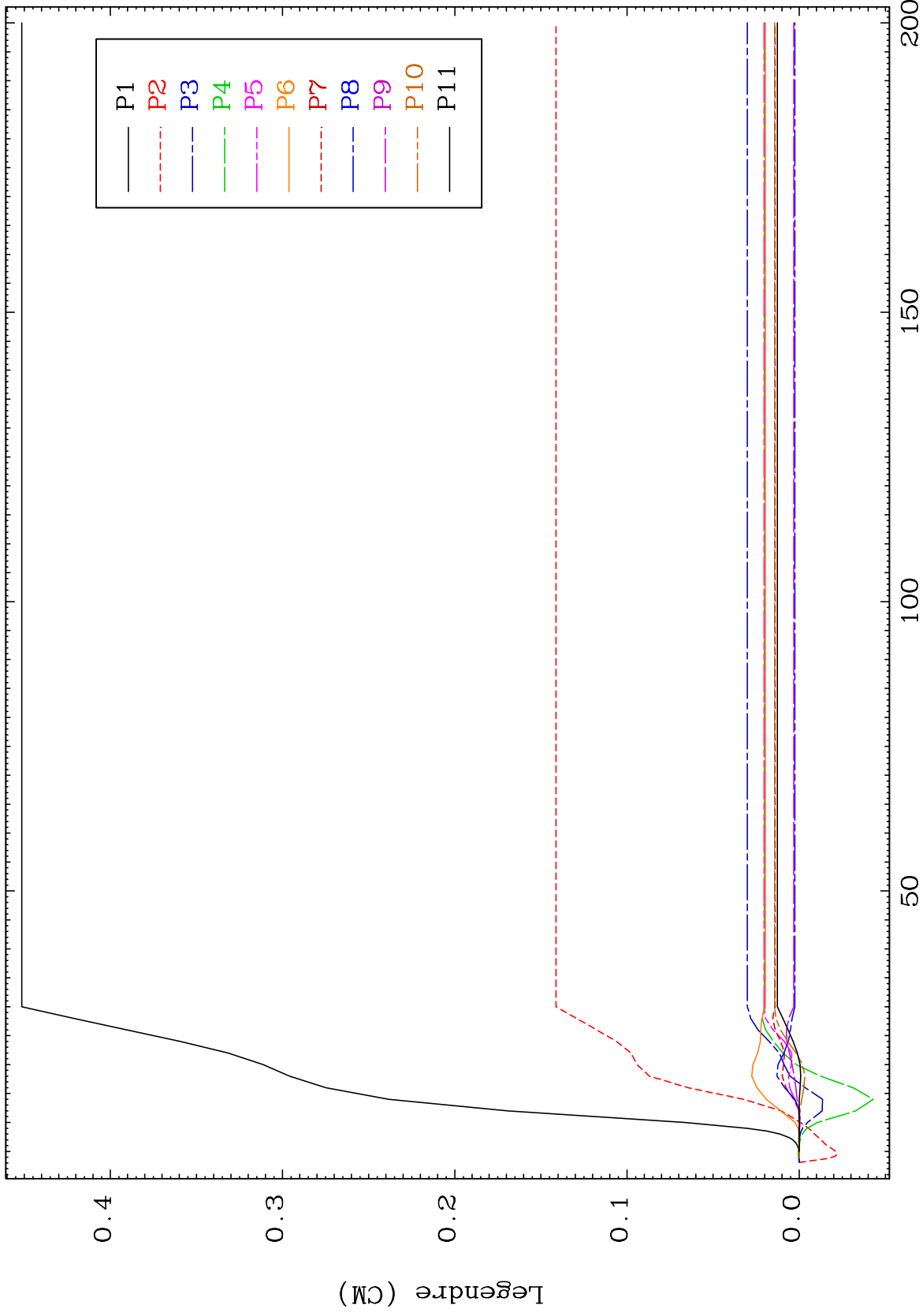




MAT 2737

3.034 MeV (n,n') Level
Legendre Coefficients

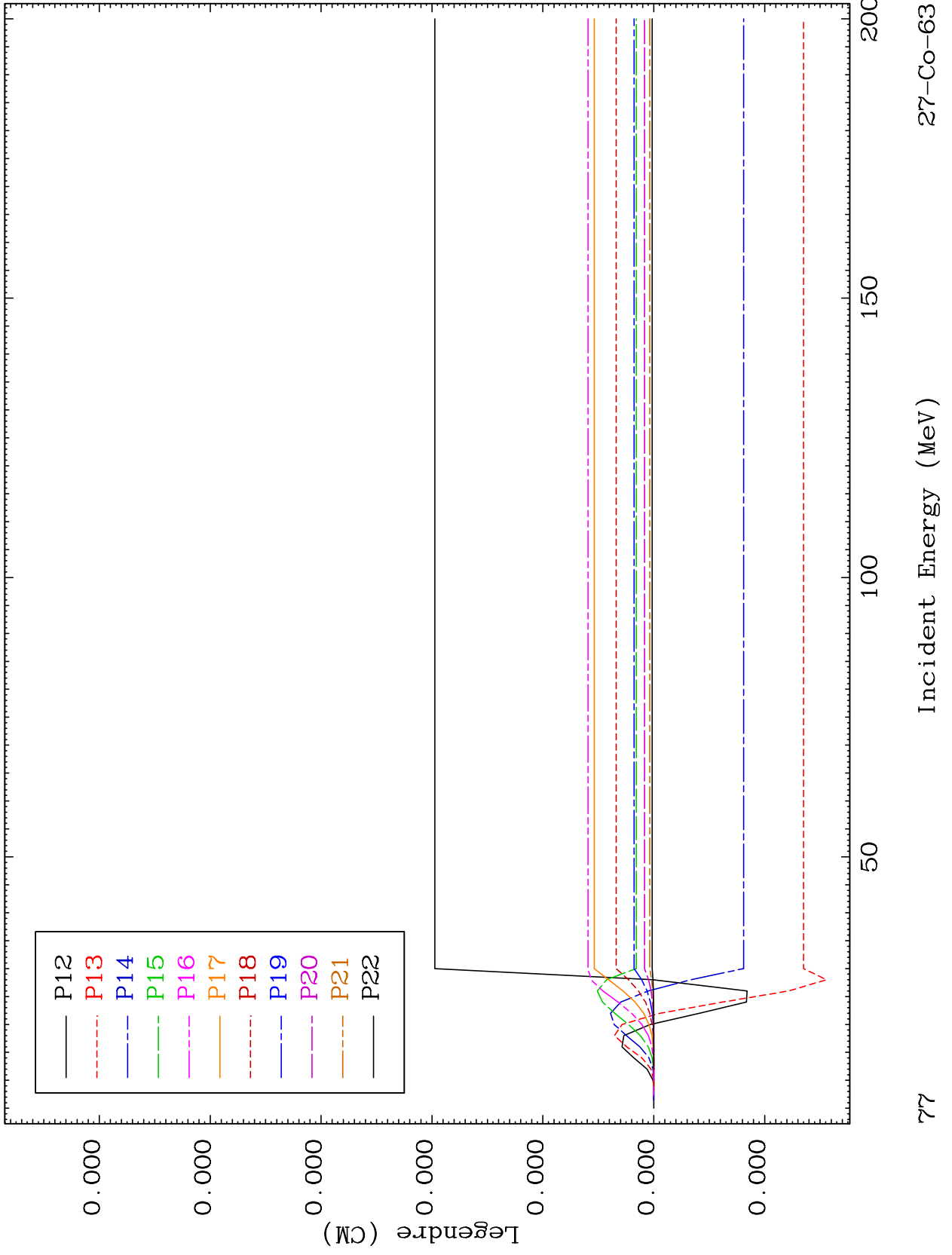
27-Co-63



76

Incident Energy (MeV)

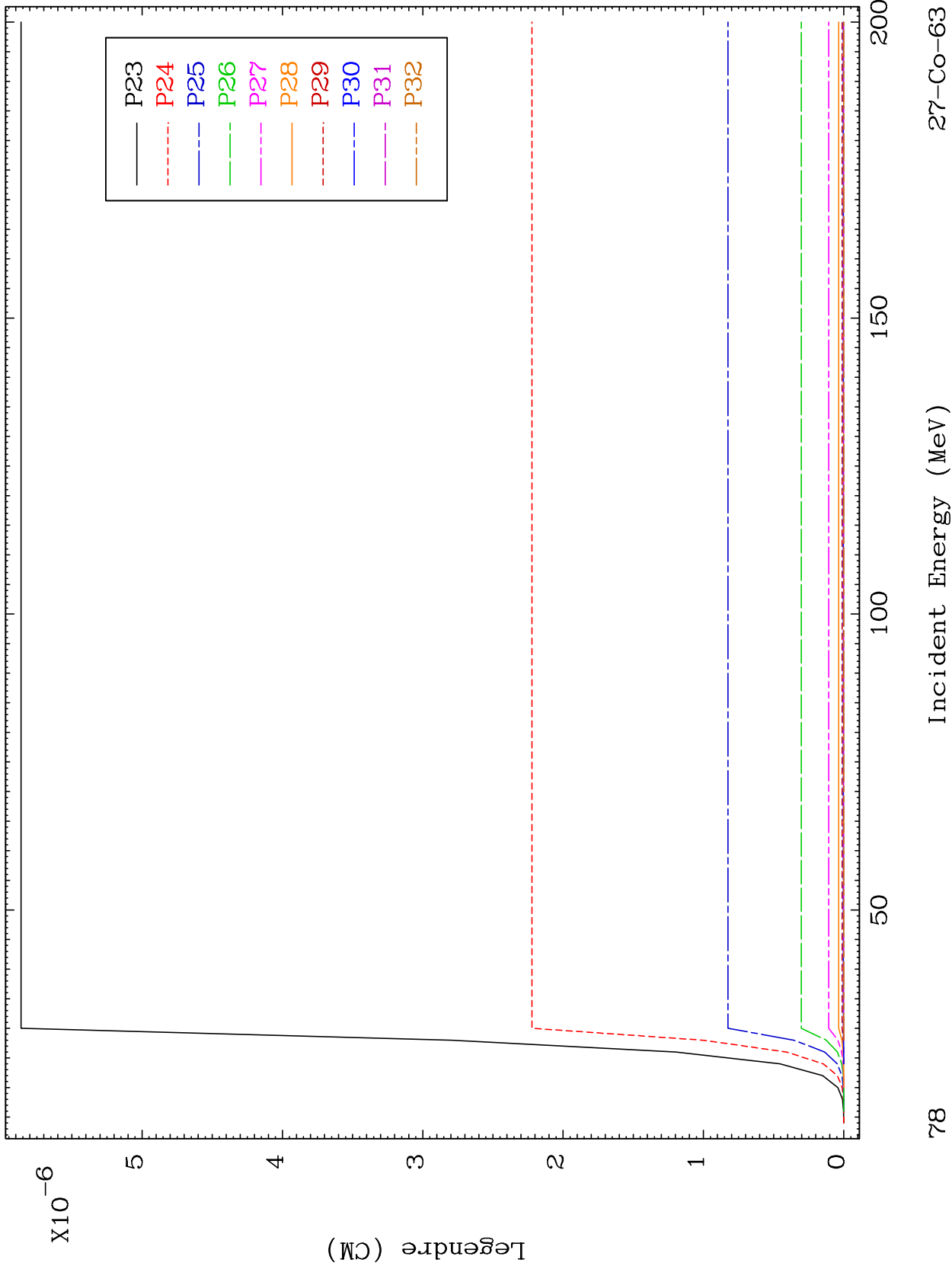
27-Co-63



MAT 2737

3.034 MeV (n,n') Level
Legendre Coefficients

27-Co-63



78

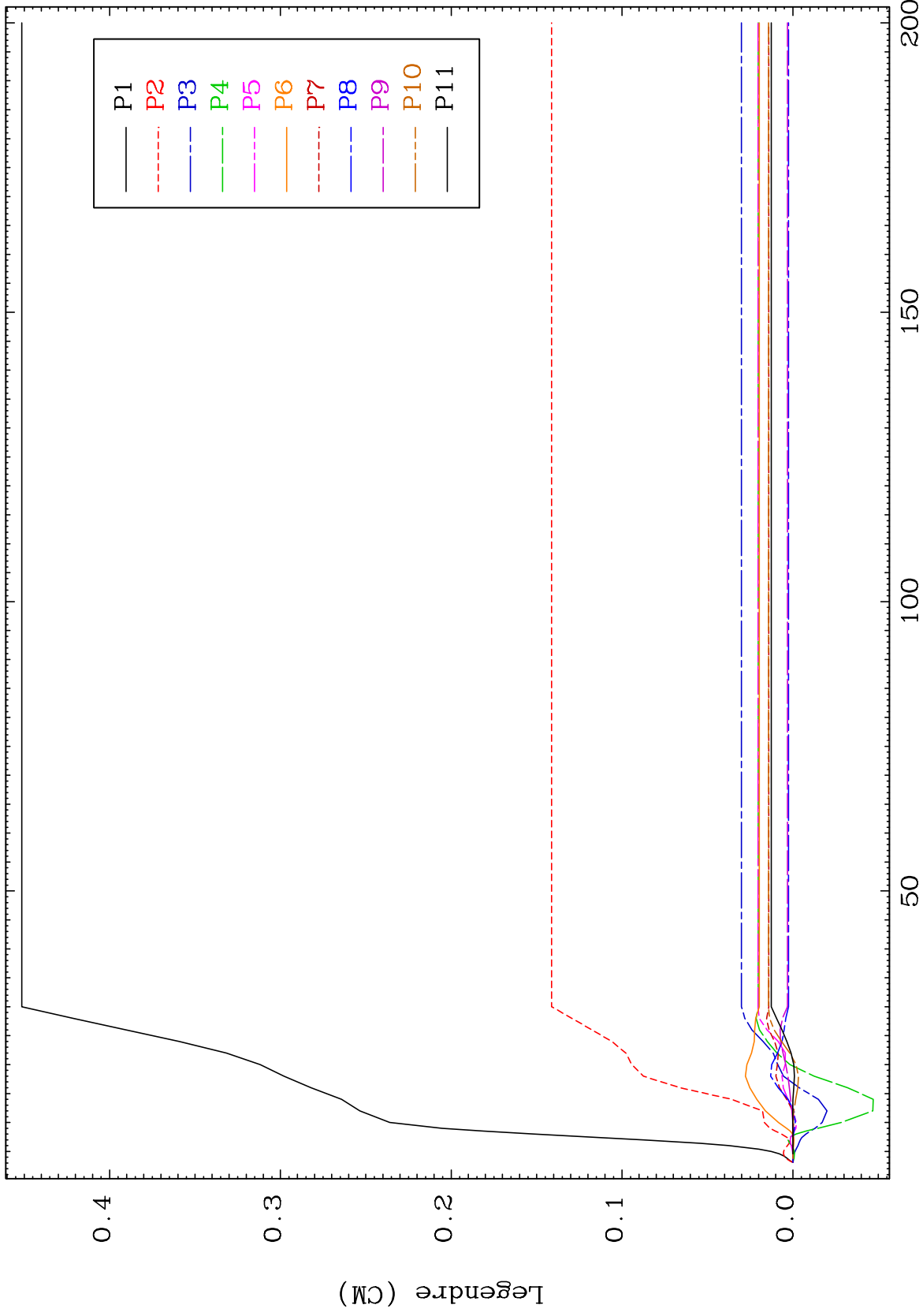
Incident Energy (MeV)

27-Co-63

MAT 2737

3.037 MeV (n,n') Level
Legendre Coefficients

27-Co-63



79

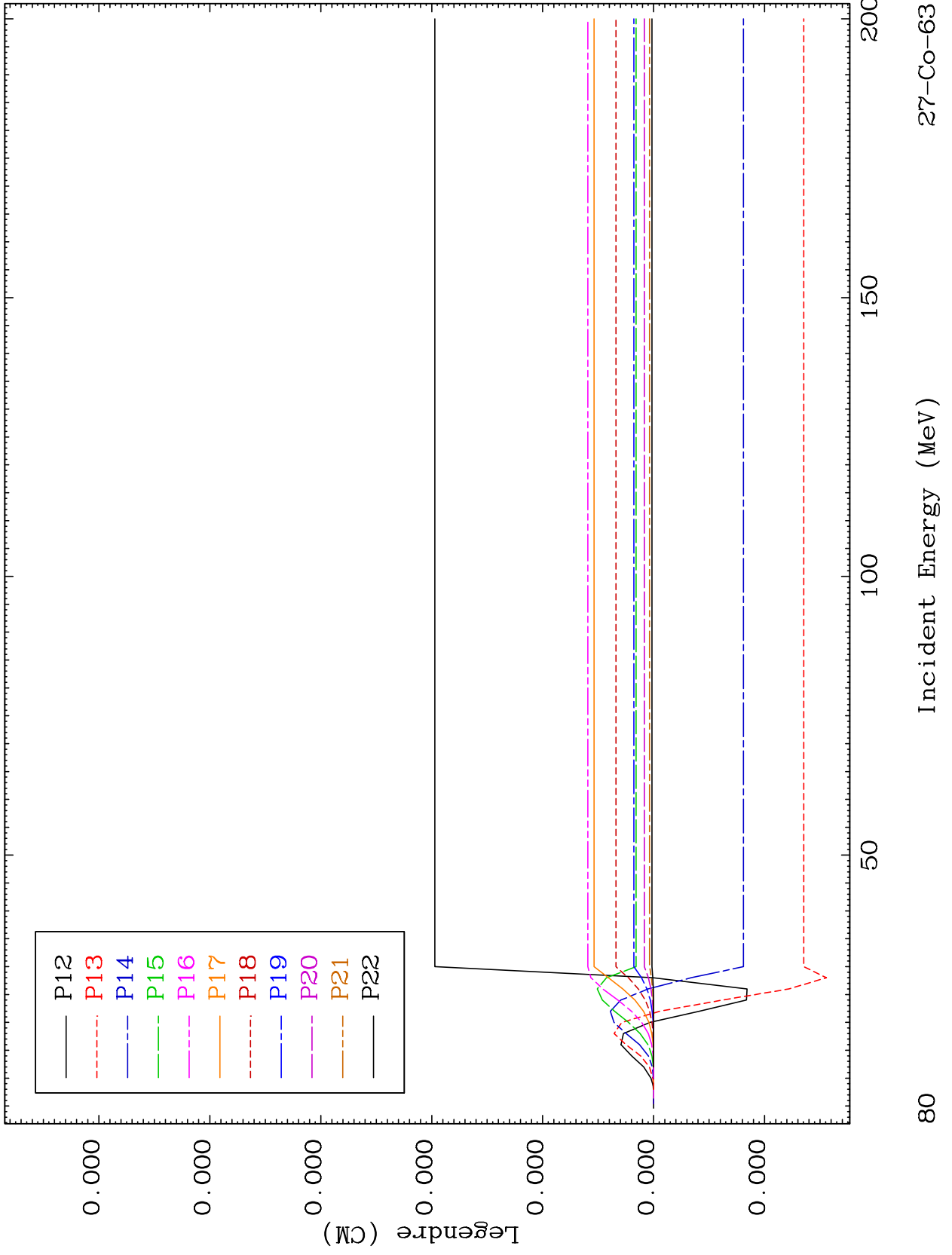
Incident Energy (MeV)

27-Co-63

MAT 2737

3.037 MeV (n, n') Level
Legendre Coefficients

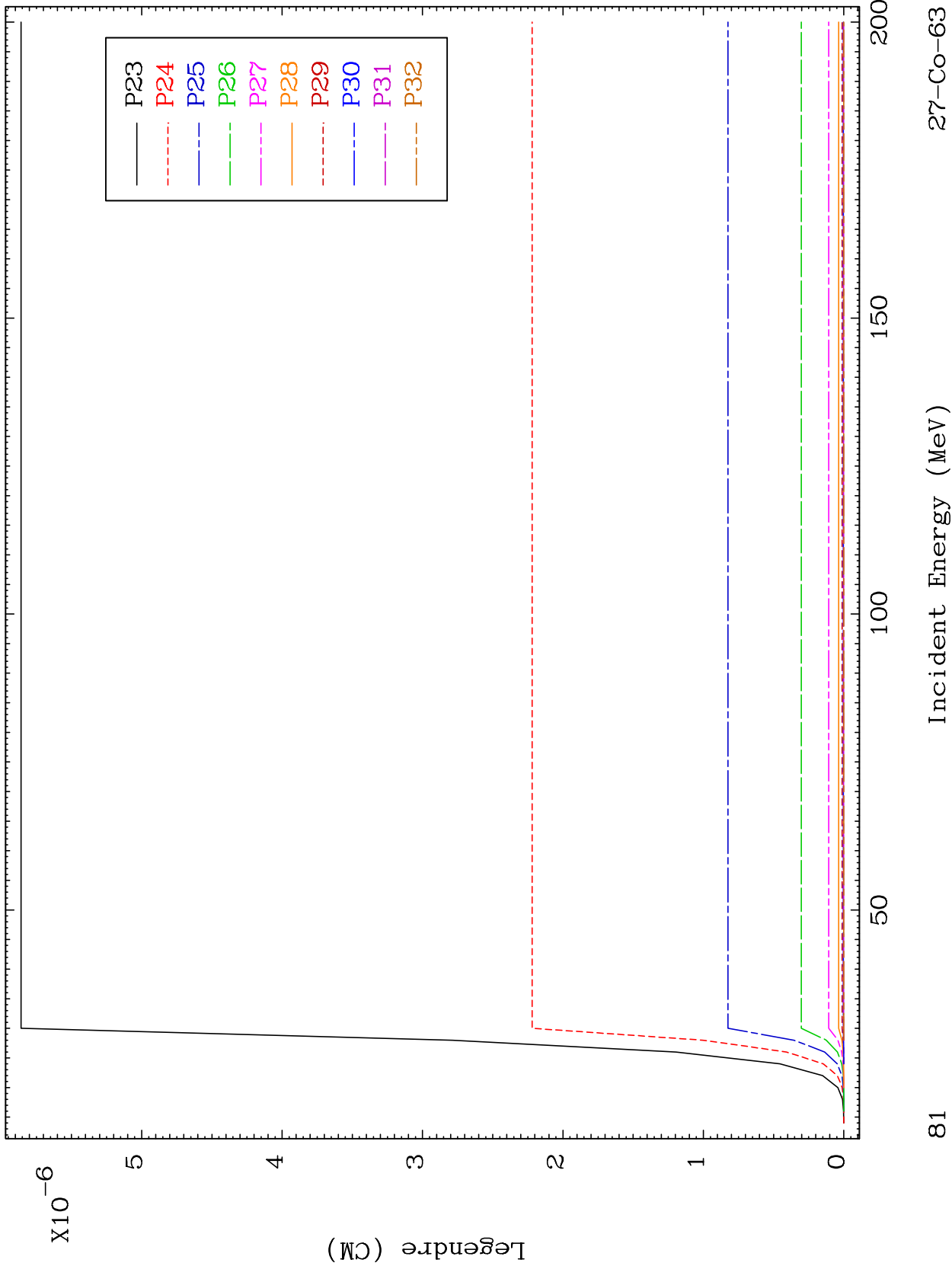
27-Co-63

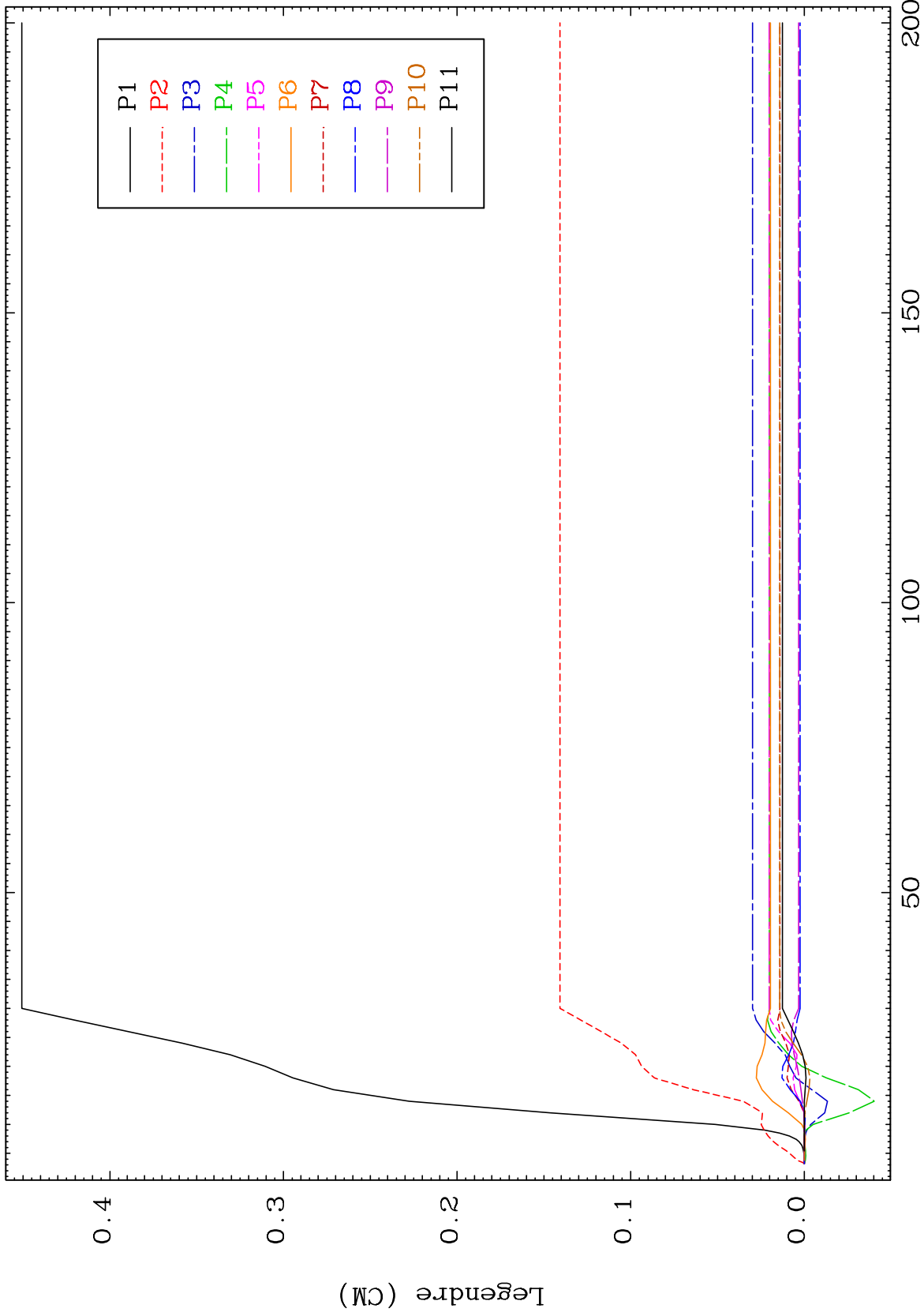


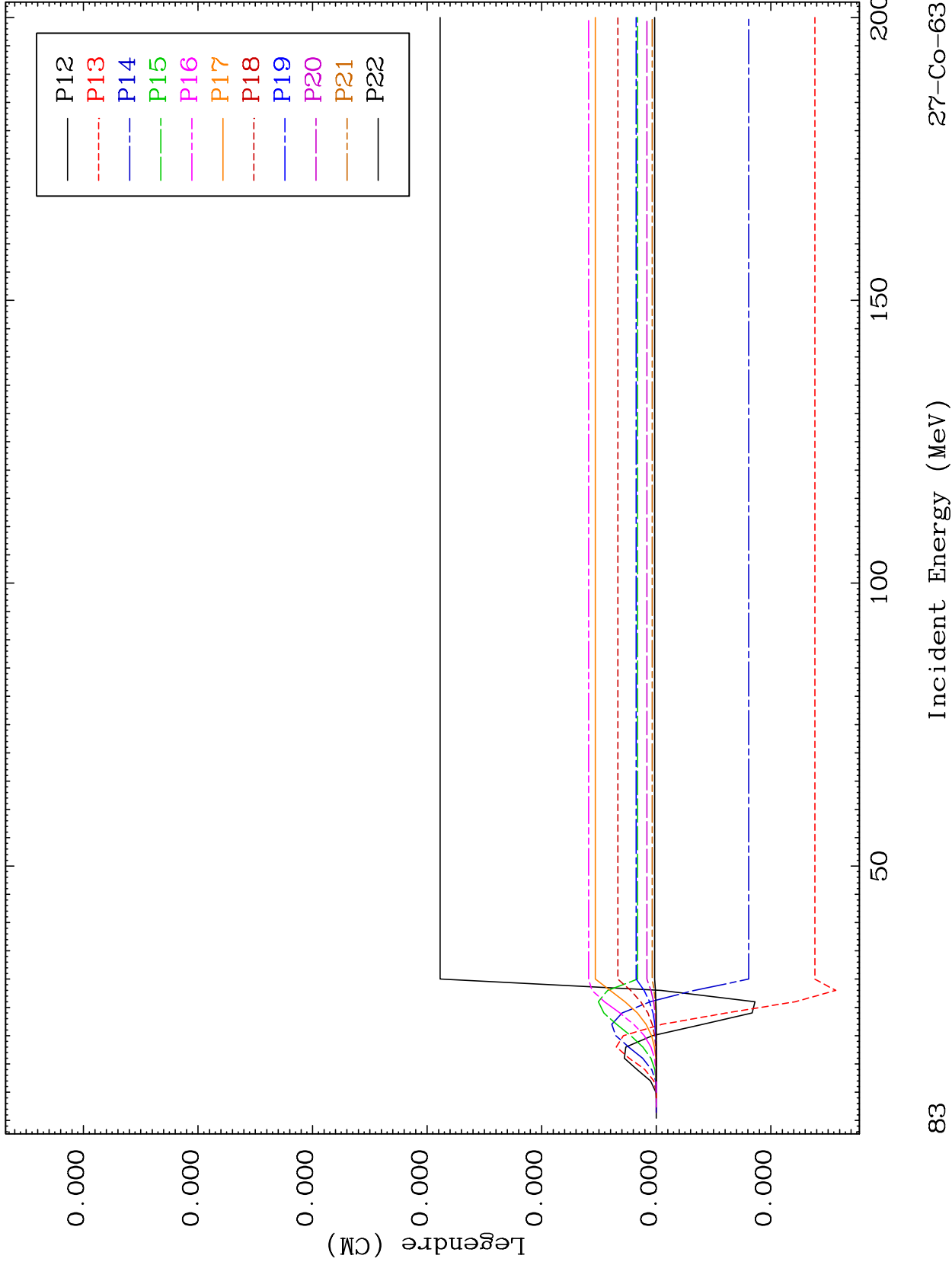
80

Incident Energy (MeV)

27-Co-63



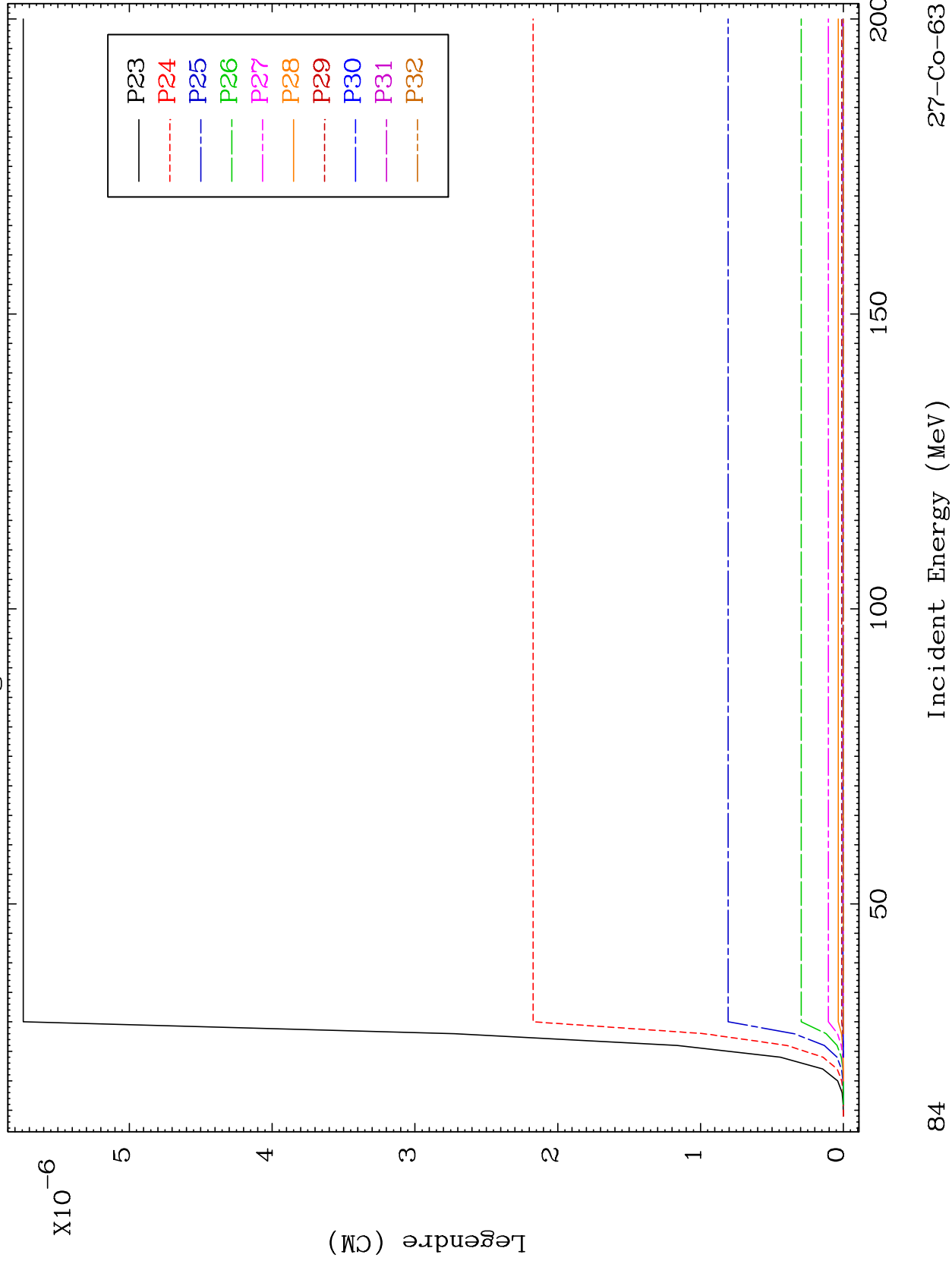




MAT 2737

3.133 MeV (n,n') Level
Legendre Coefficients

27-Co-63



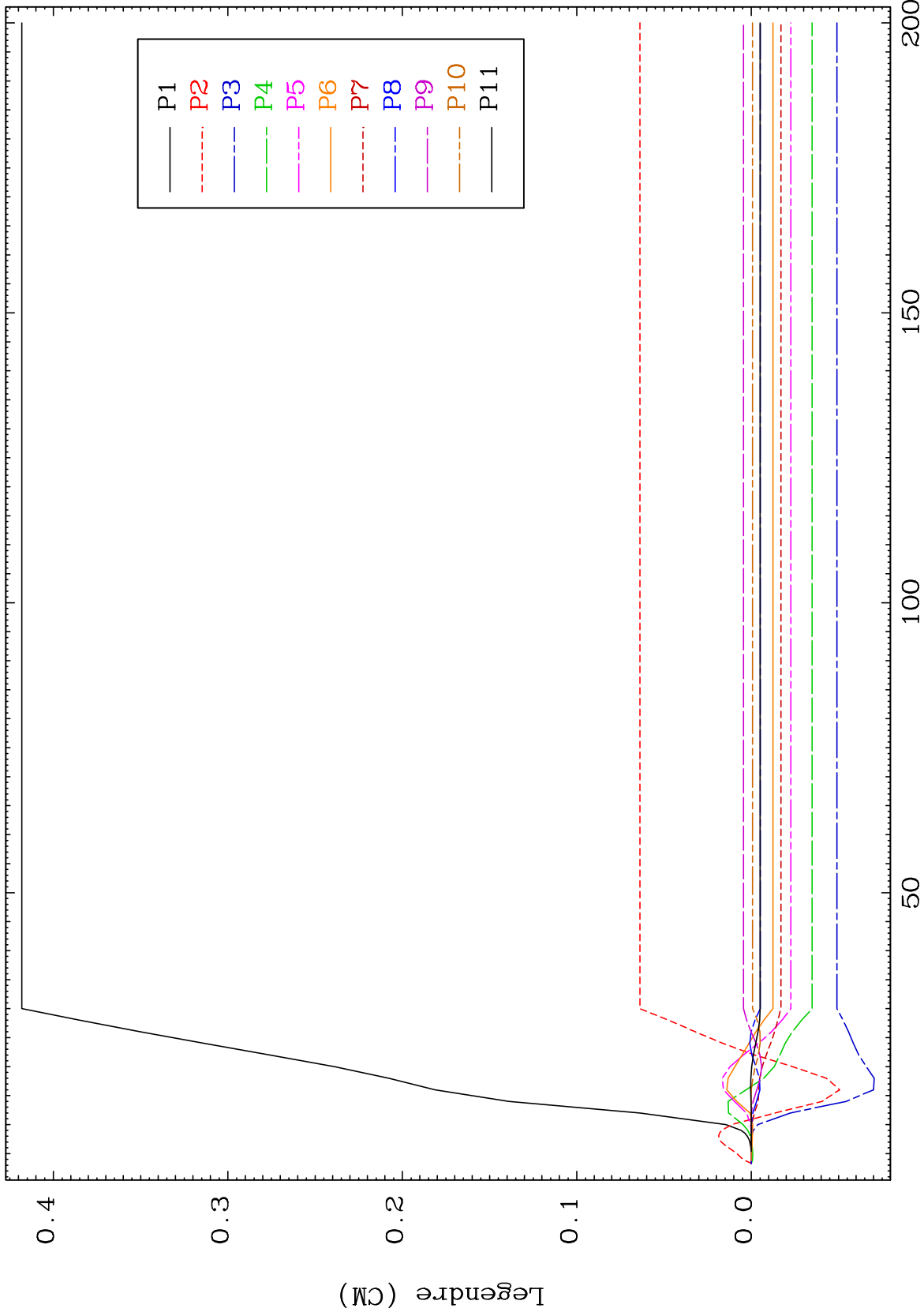
84

27-Co-63

MAT 2737

3.180 MeV (n,n') Level
Legendre Coefficients

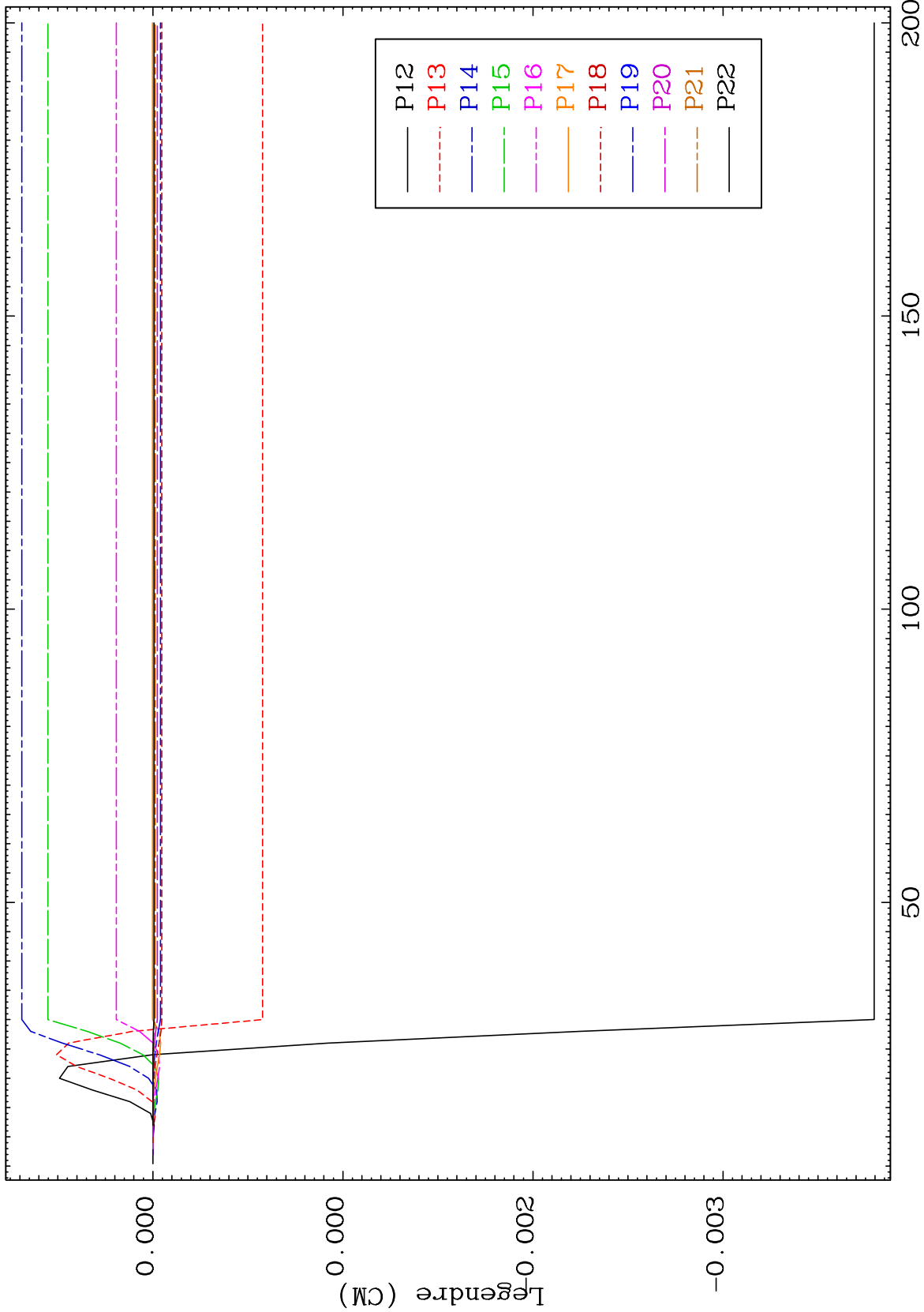
27-Co-63

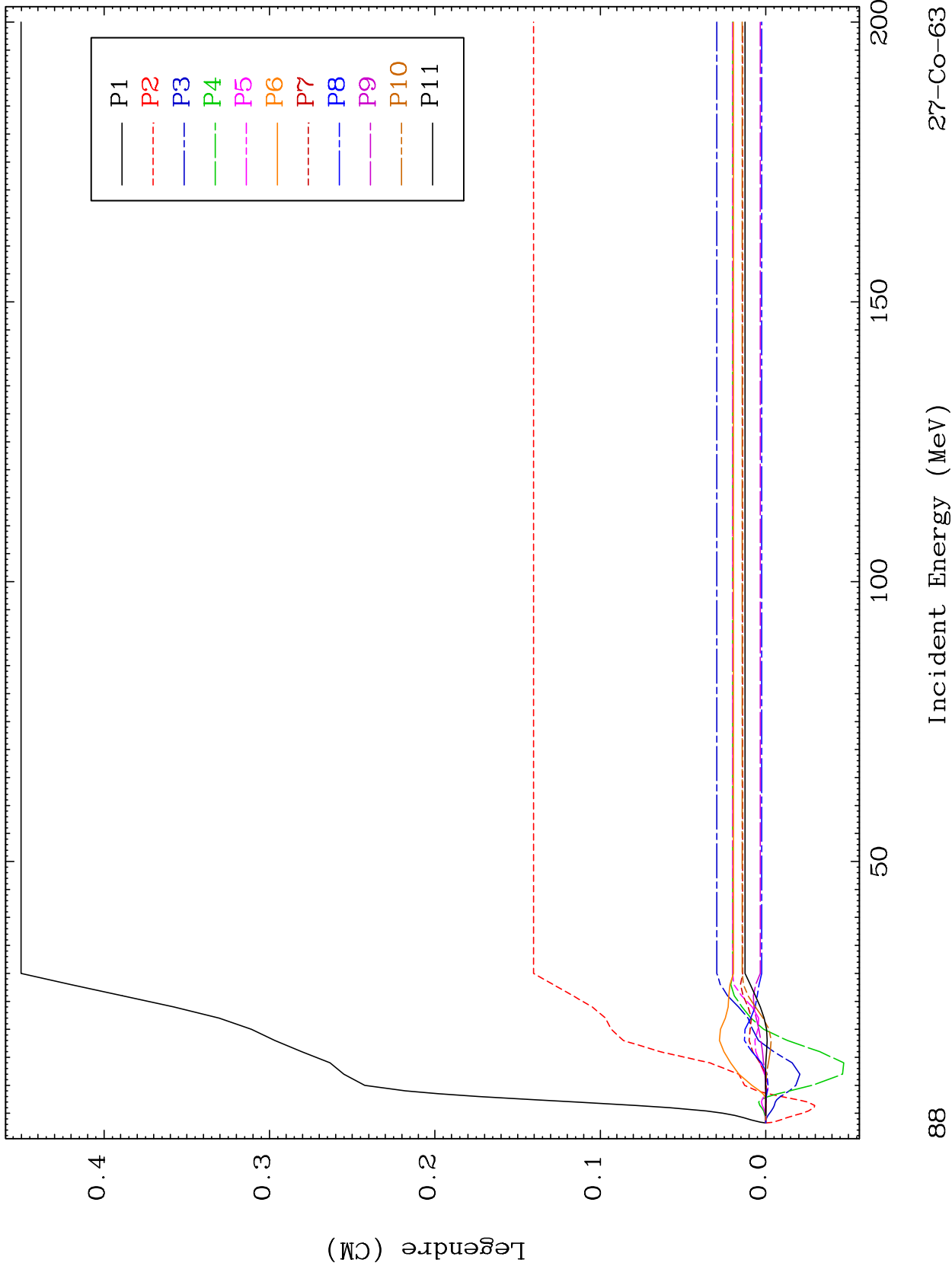


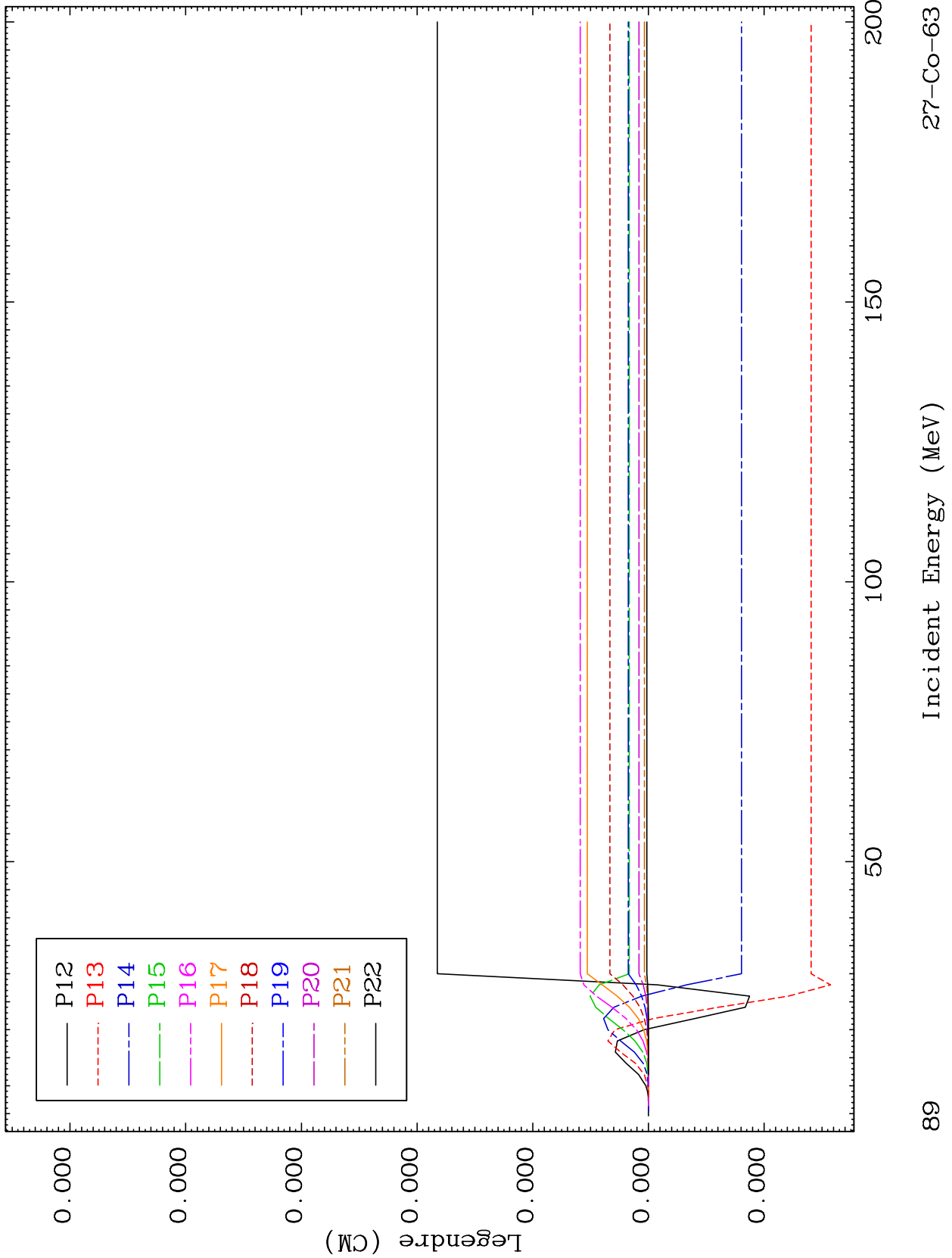
85

Incident Energy (MeV)

27-Co-63



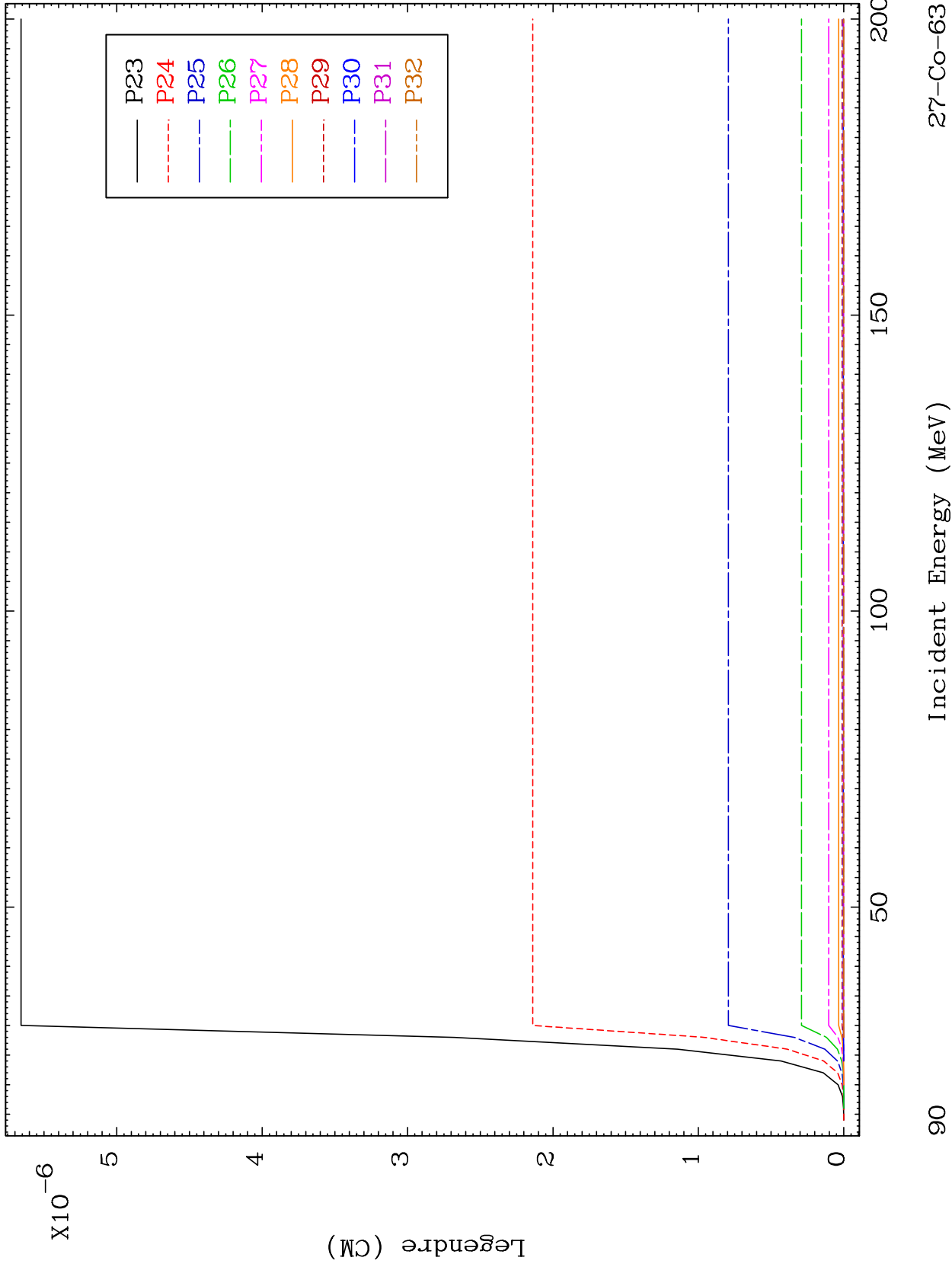




MAT 2737

3.204 MeV (n,n') Level
Legendre Coefficients

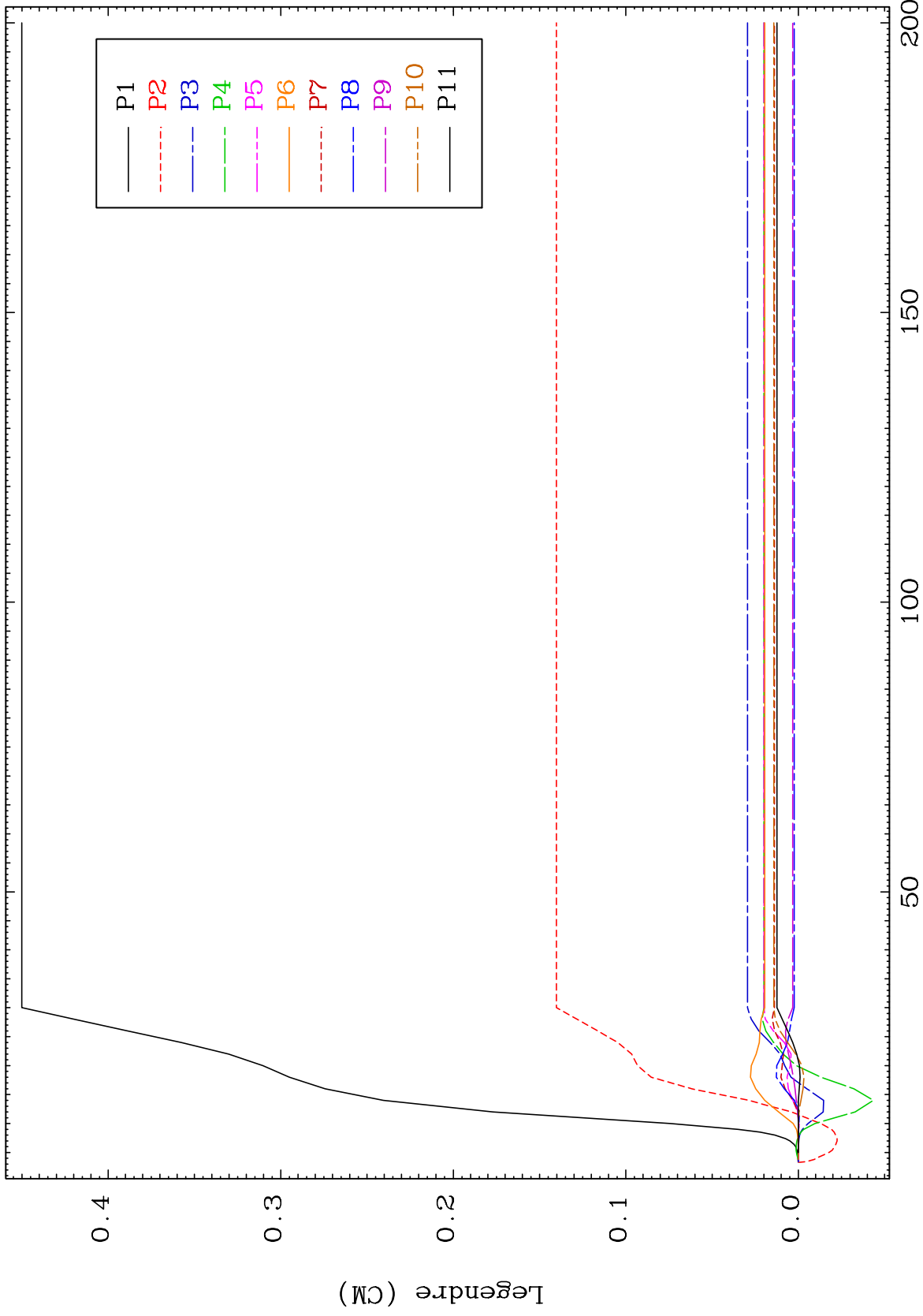
27-Co-63



MAT 2737

3.226 MeV (n,n') Level
Legendre Coefficients

27-Co-63



91

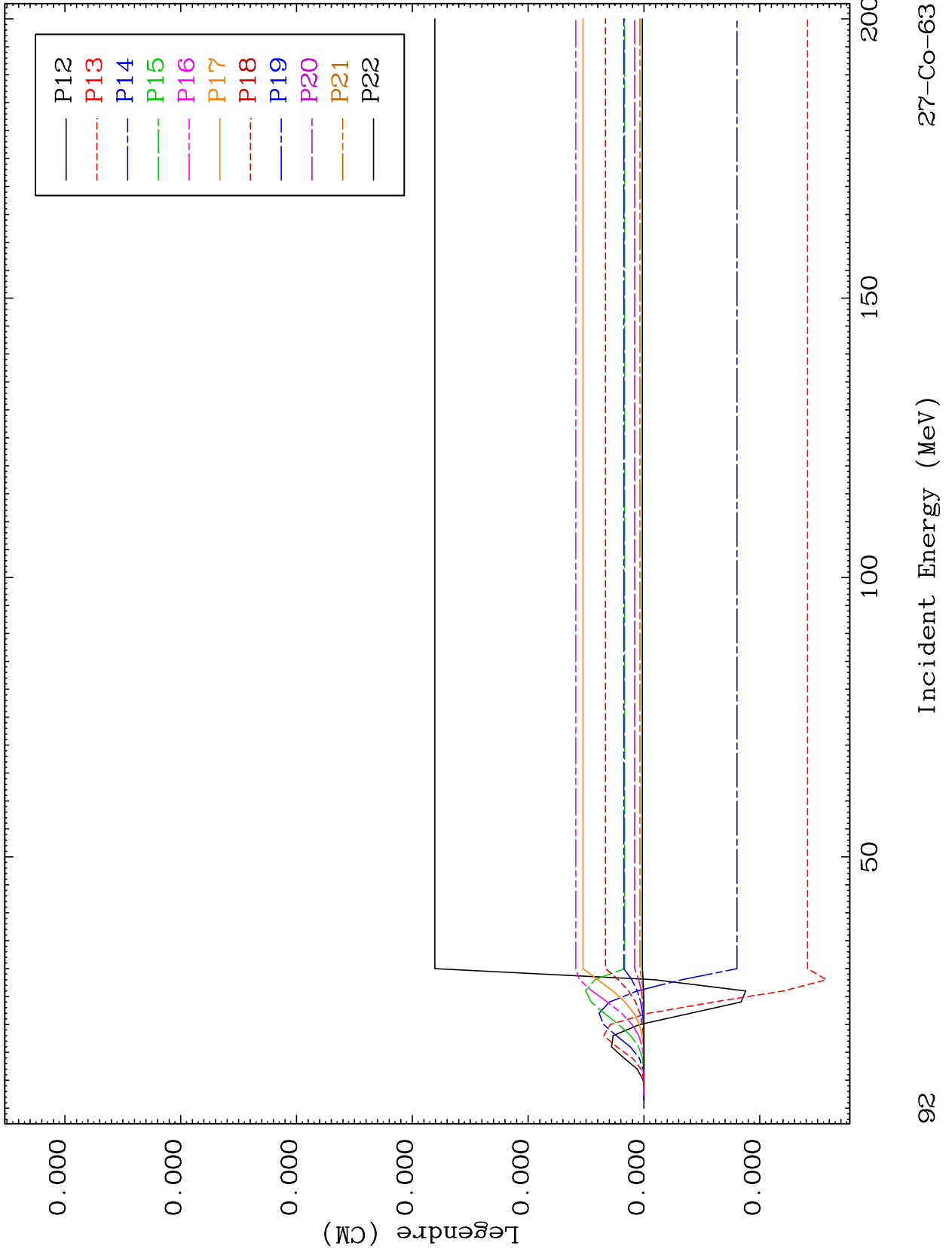
Incident Energy (MeV)

27-Co-63

MAT 2737

3.226 MeV (n,n') Level
Legendre Coefficients

27-Co-63



92

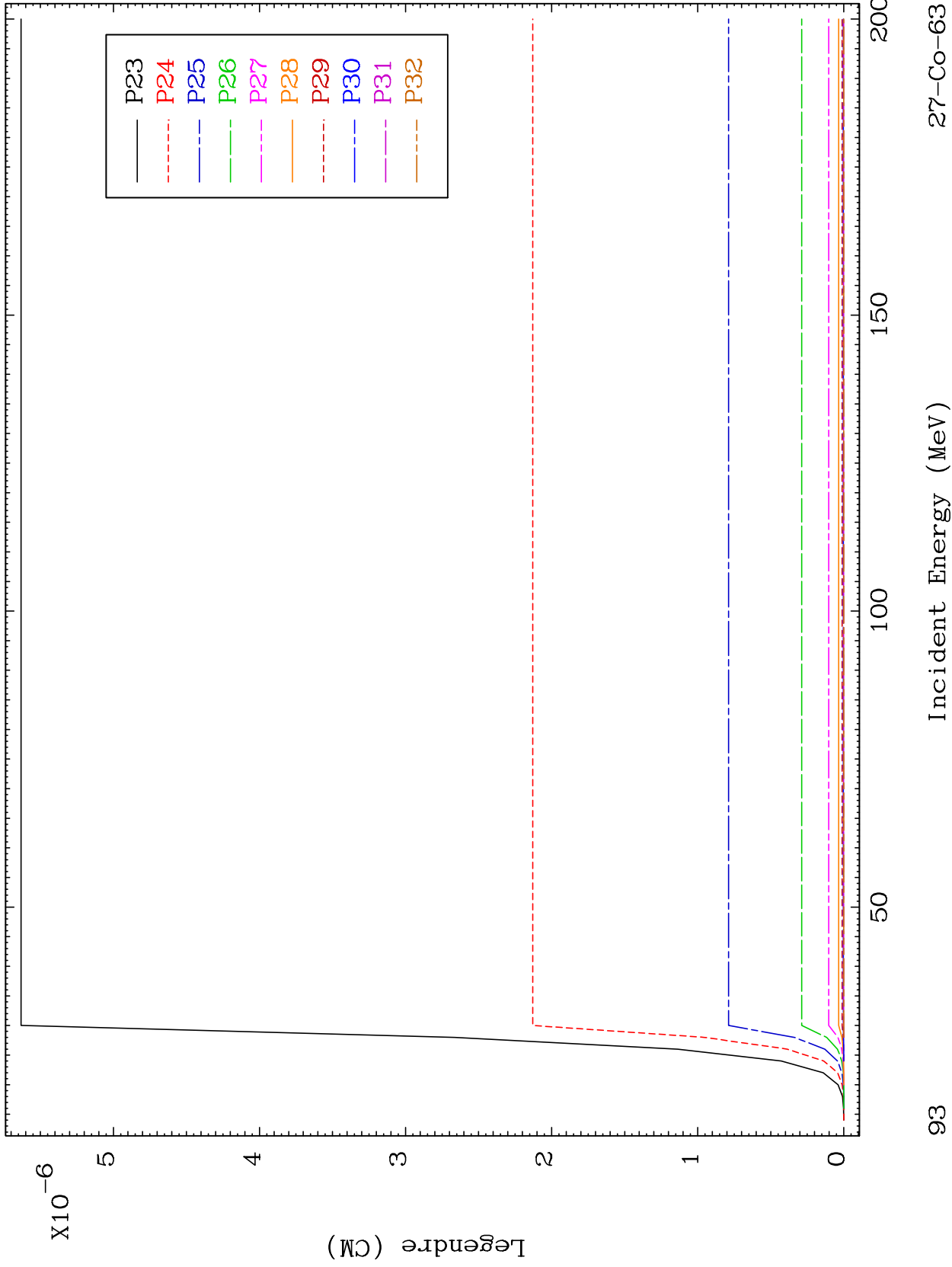
Incident Energy (MeV)

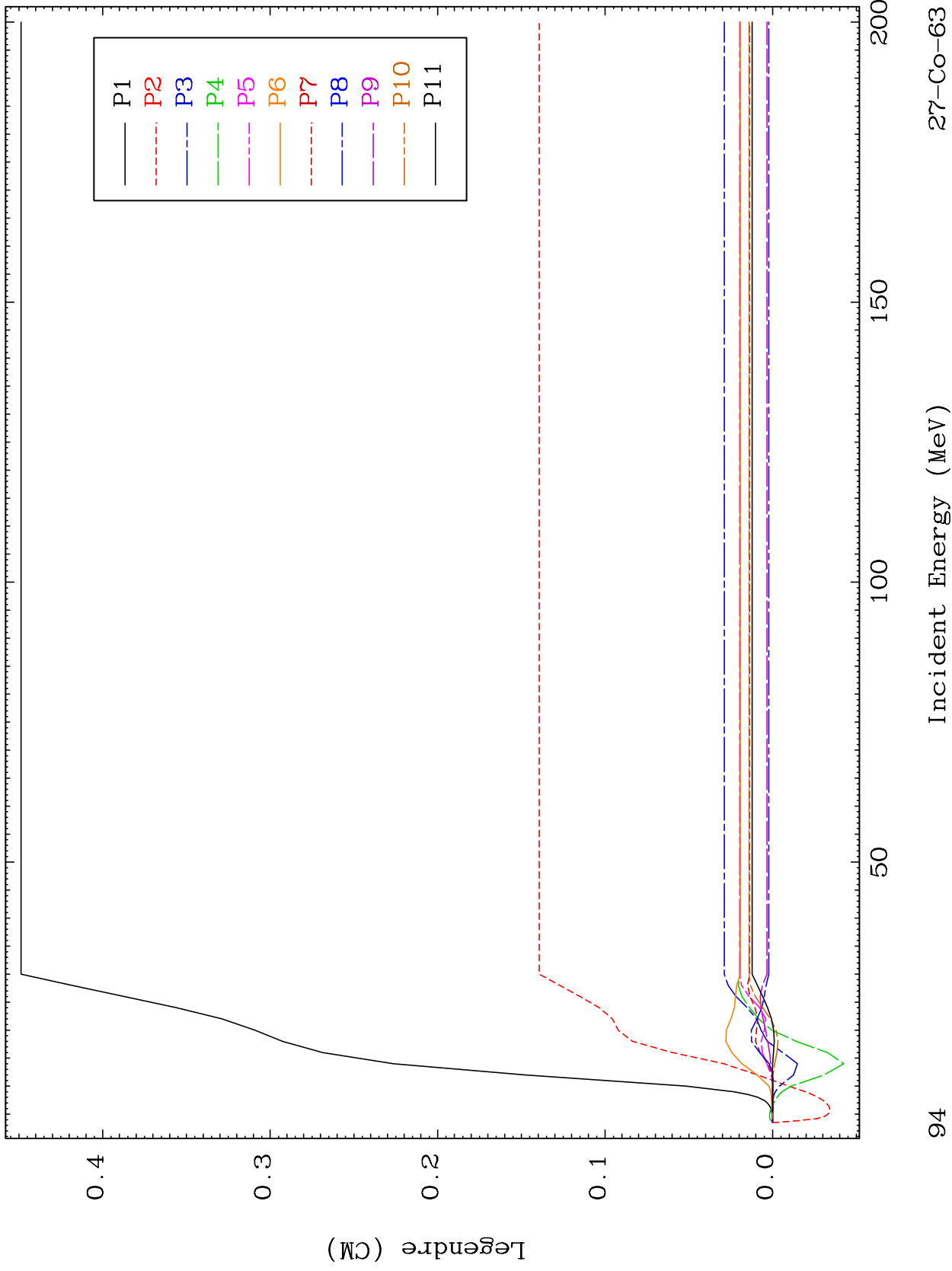
27-Co-63

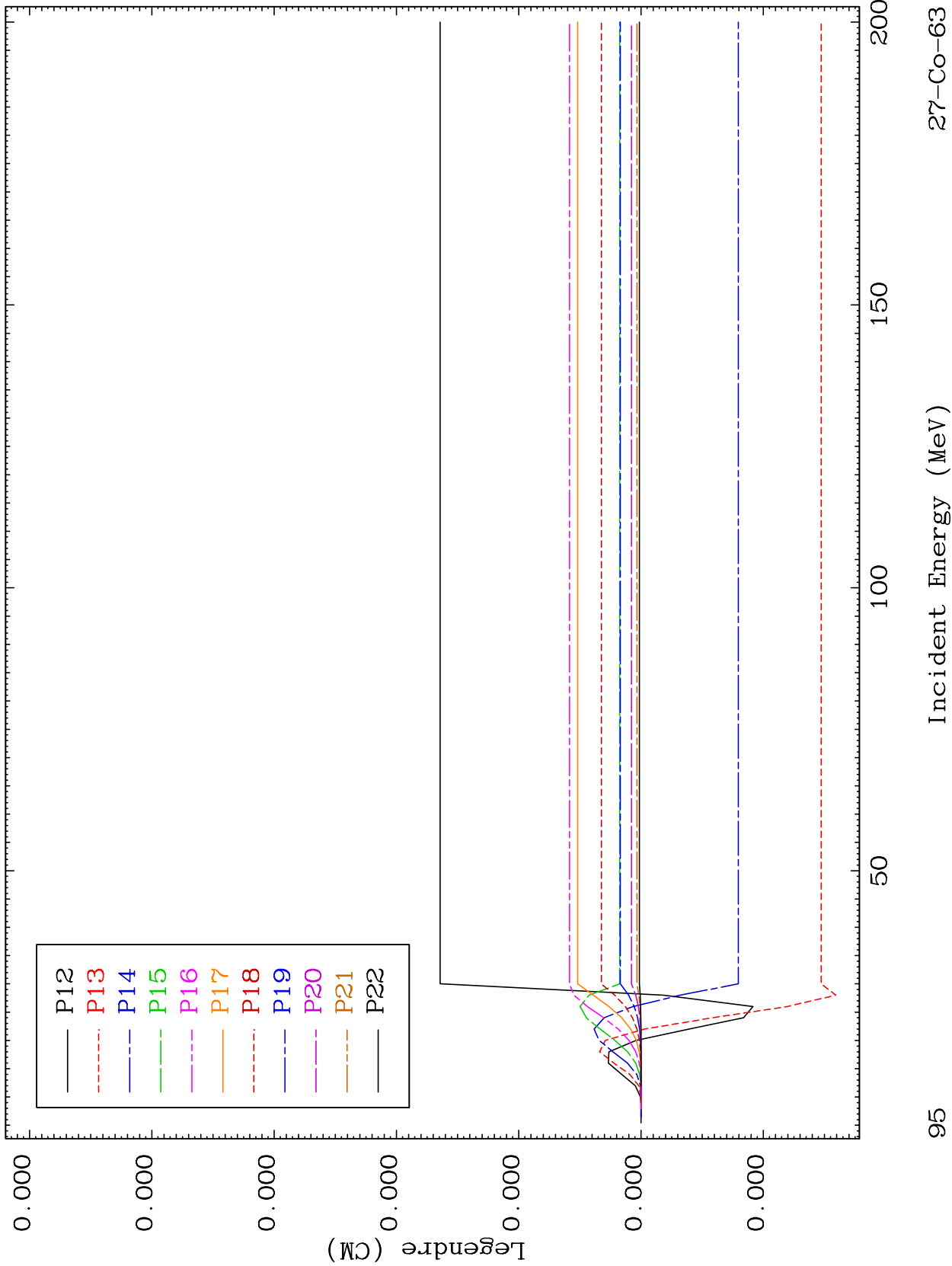
MAT 2737

3.226 MeV (n,n') Level
Legendre Coefficients

27-Co-63



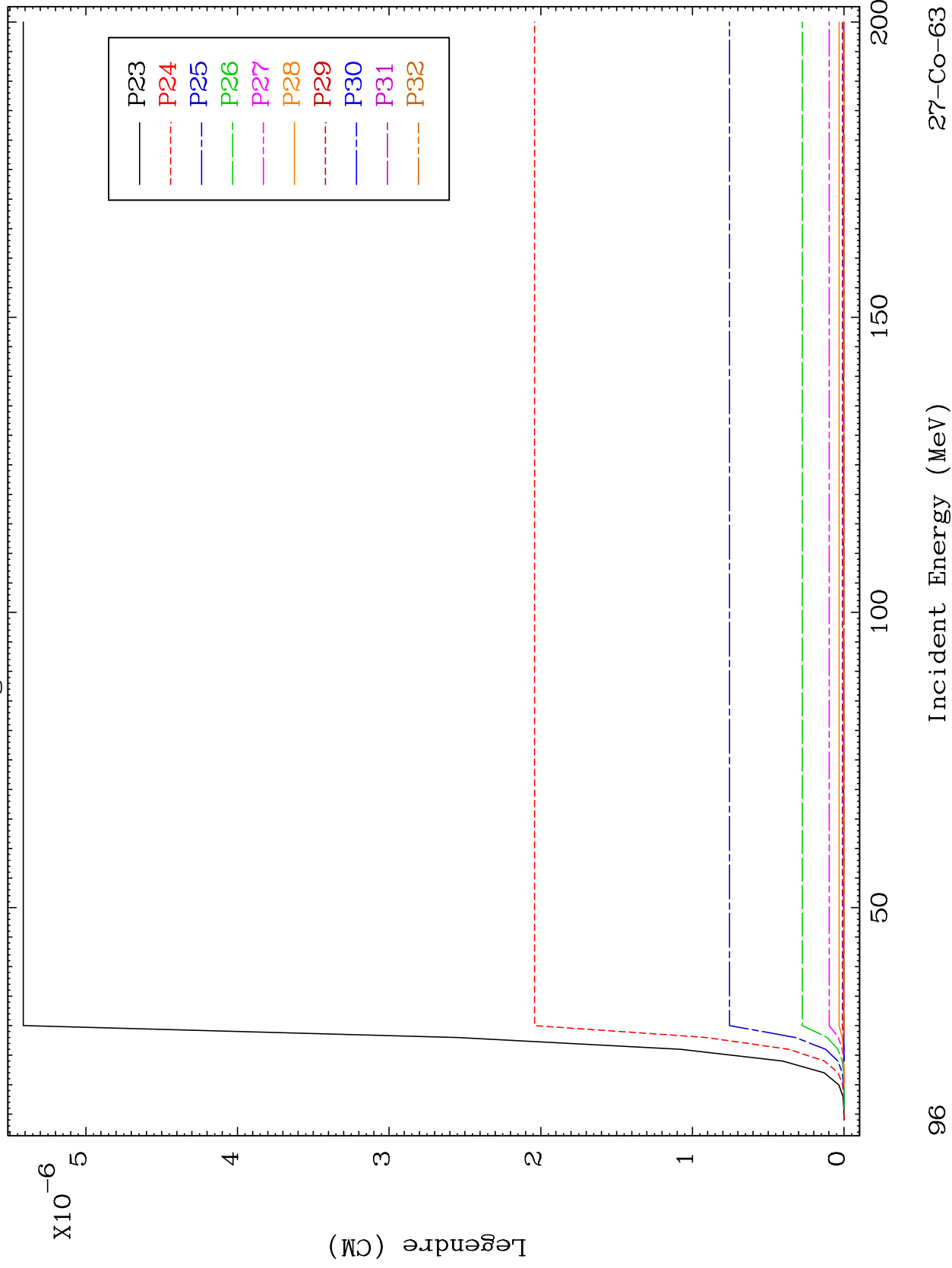




MAT 2737

3.413 MeV (n,n') Level
Legendre Coefficients

27-Co-63



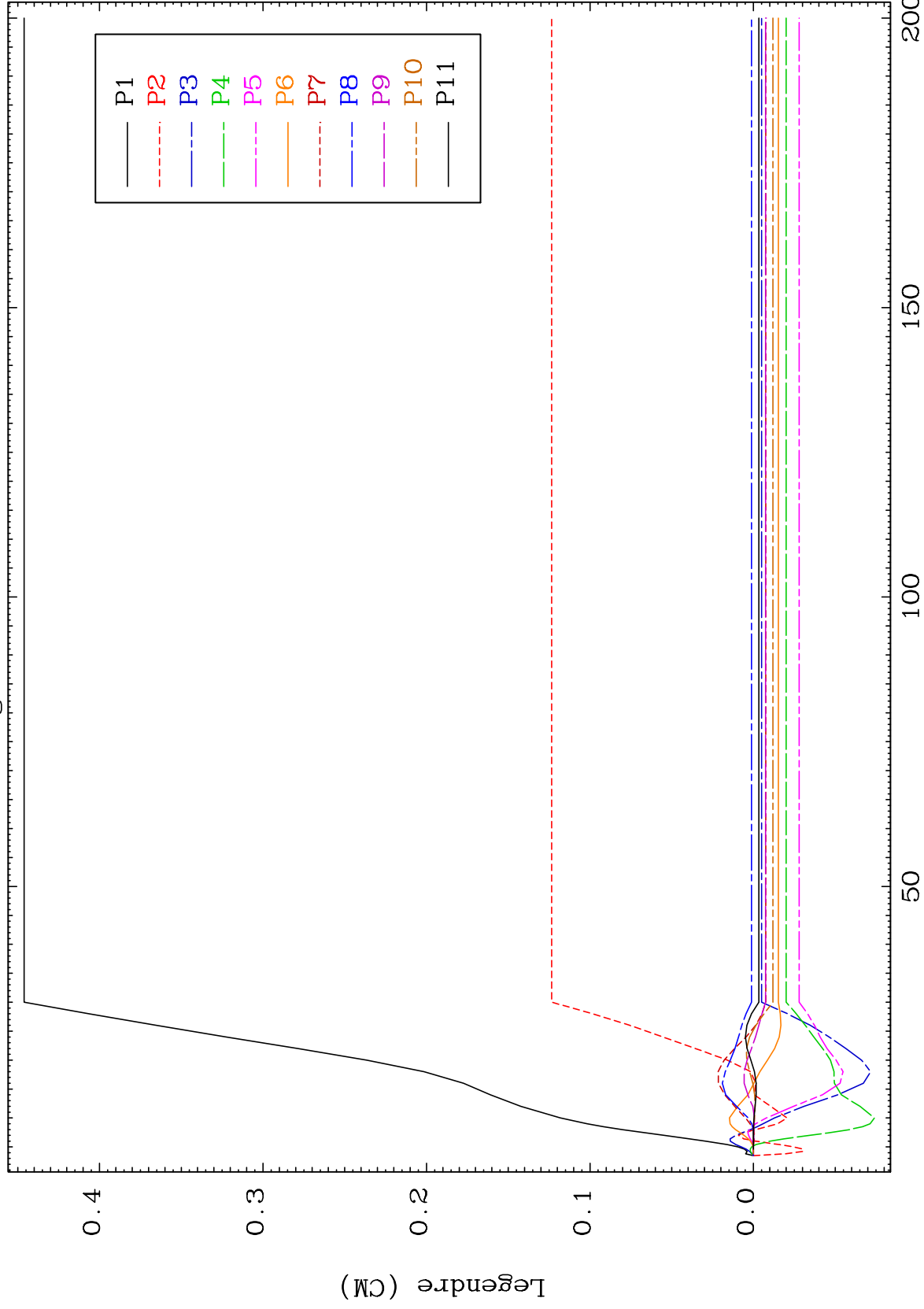
96

27-Co-63

MAT 2737

3.422 MeV (n,n') Level
Legendre Coefficients

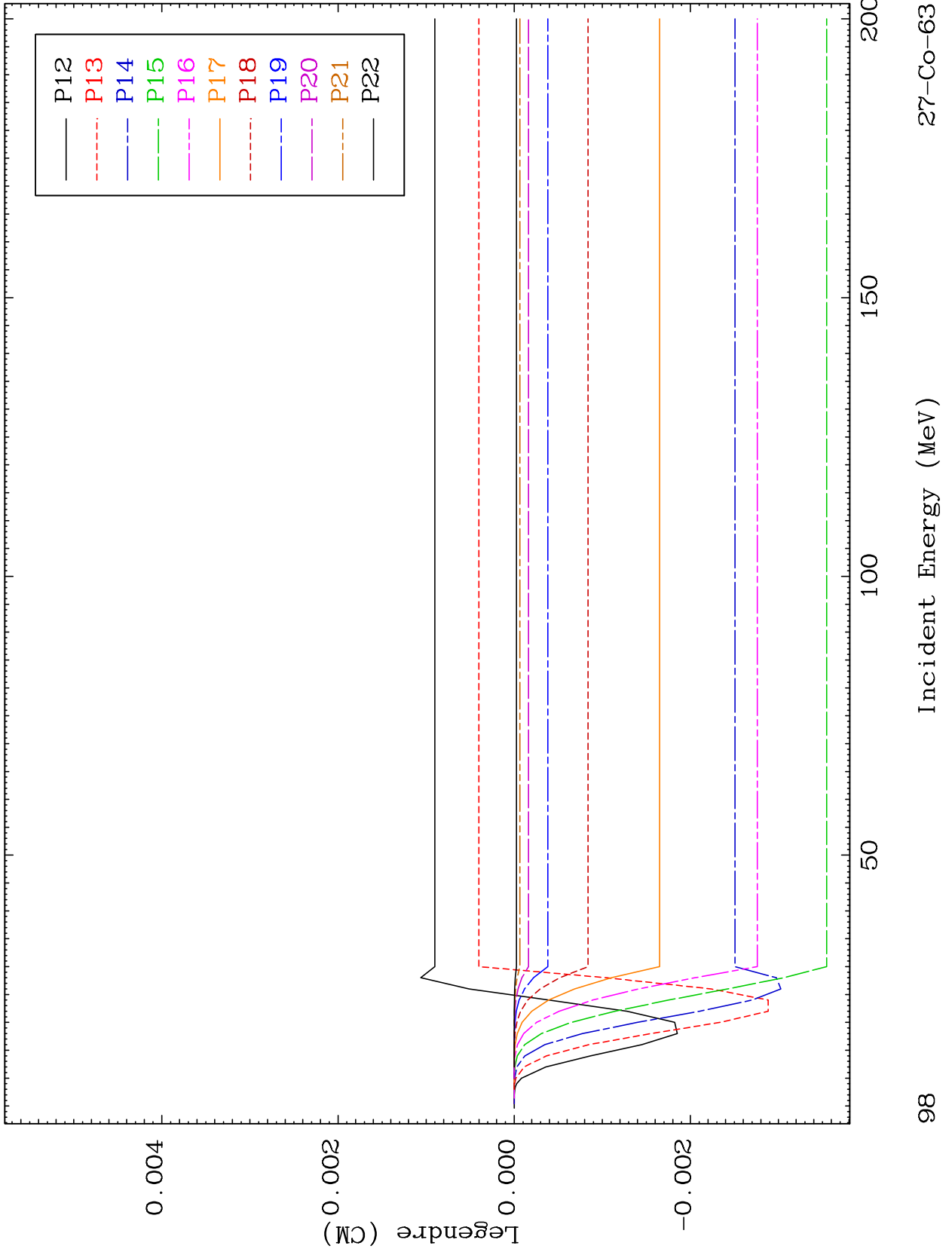
27-Co-63

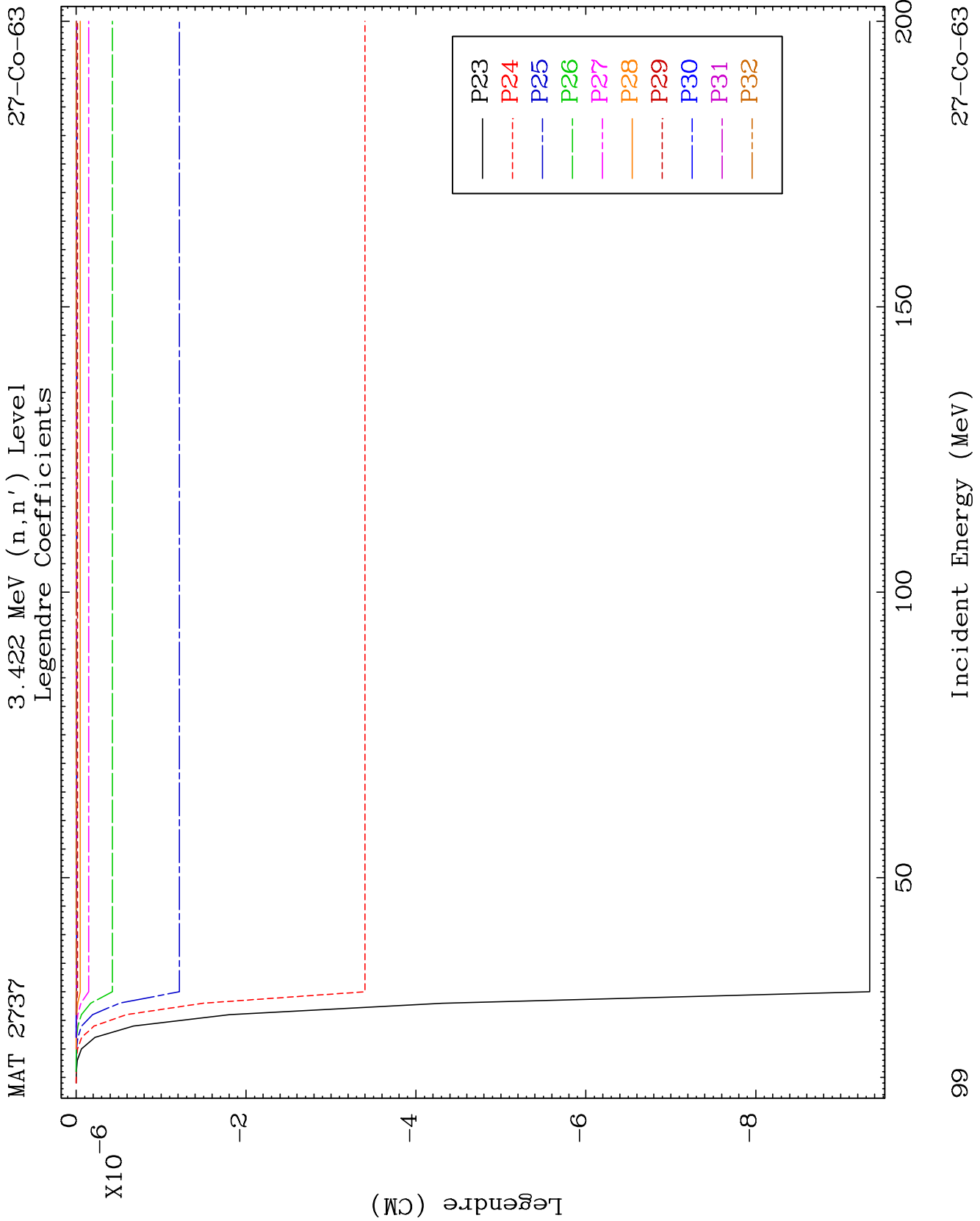


97

Incident Energy (MeV)

27-Co-63

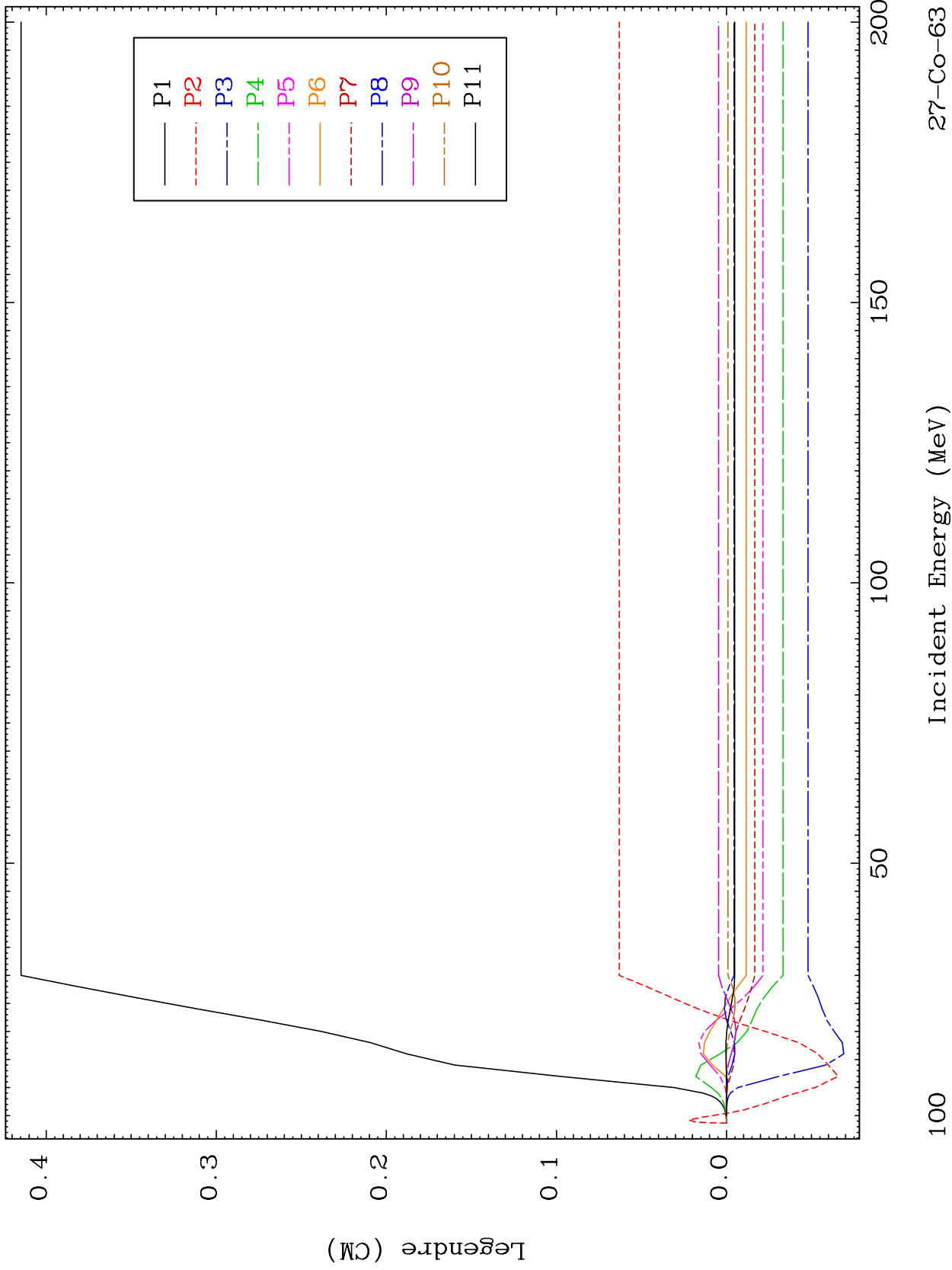




MAT 2737

3.581 MeV (n,n') Level
Legendre Coefficients

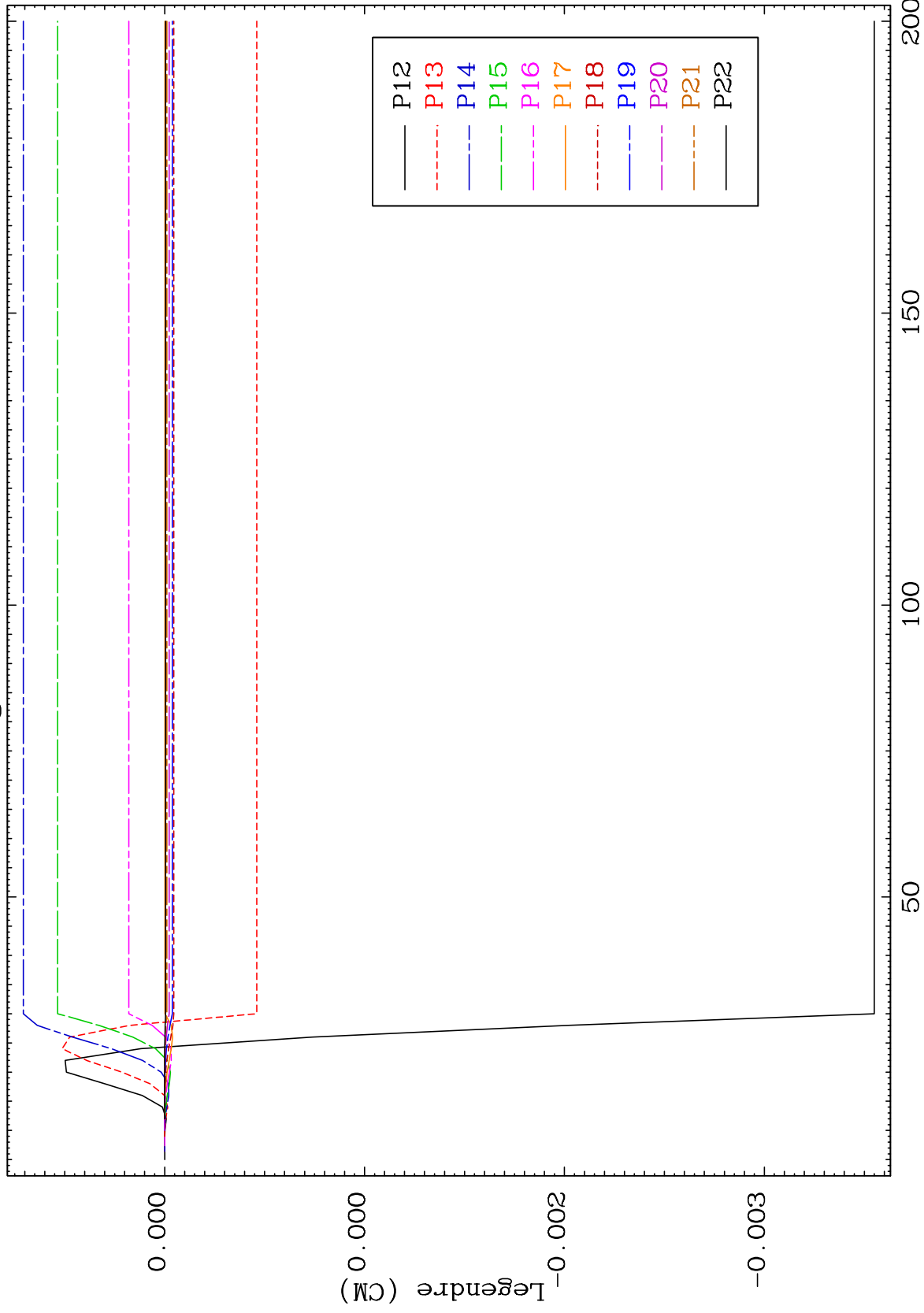
27-Co-63



MAT 2737

3.581 MeV (n,n') Level
Legendre Coefficients

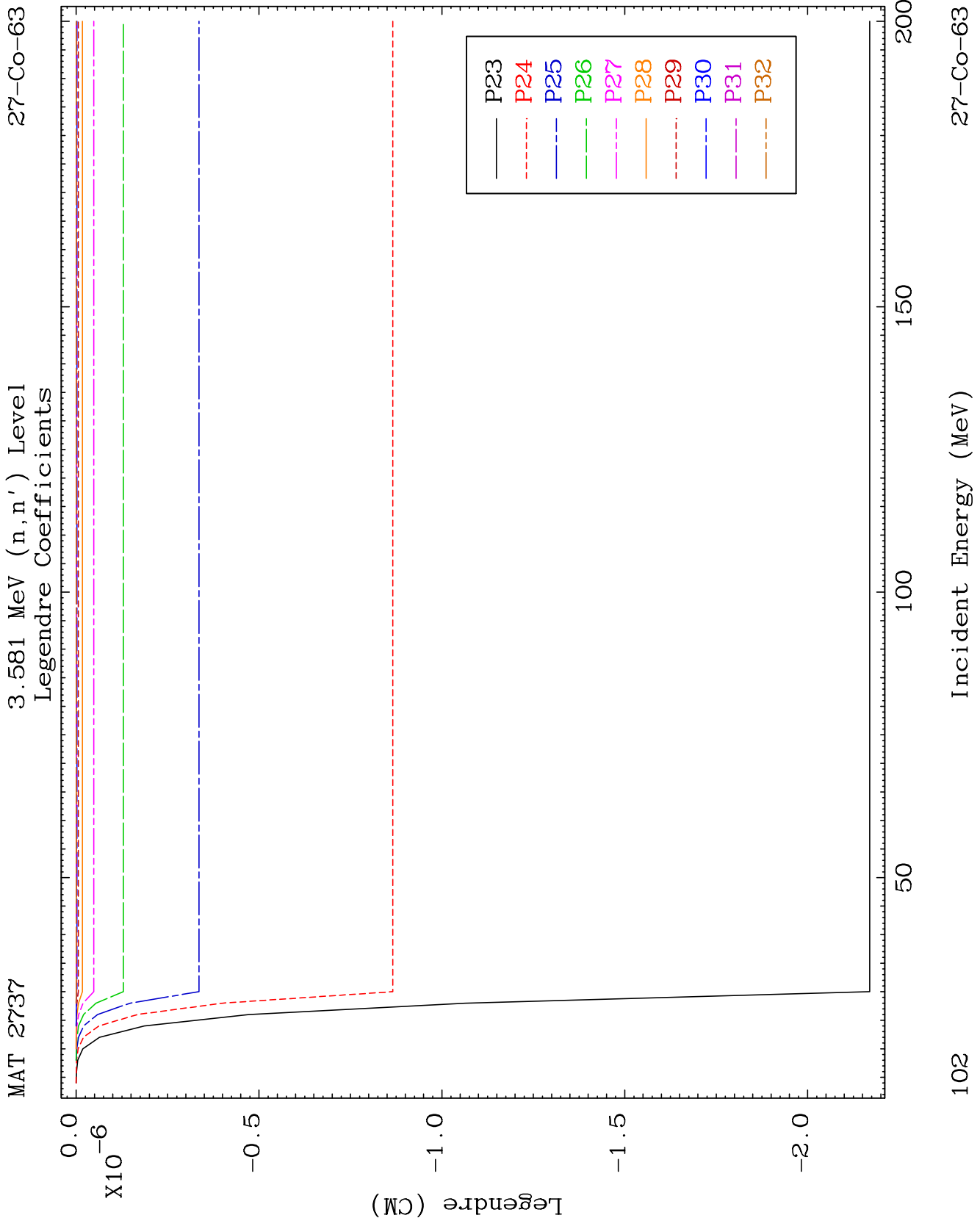
27-Co-63



101

Incident Energy (MeV)

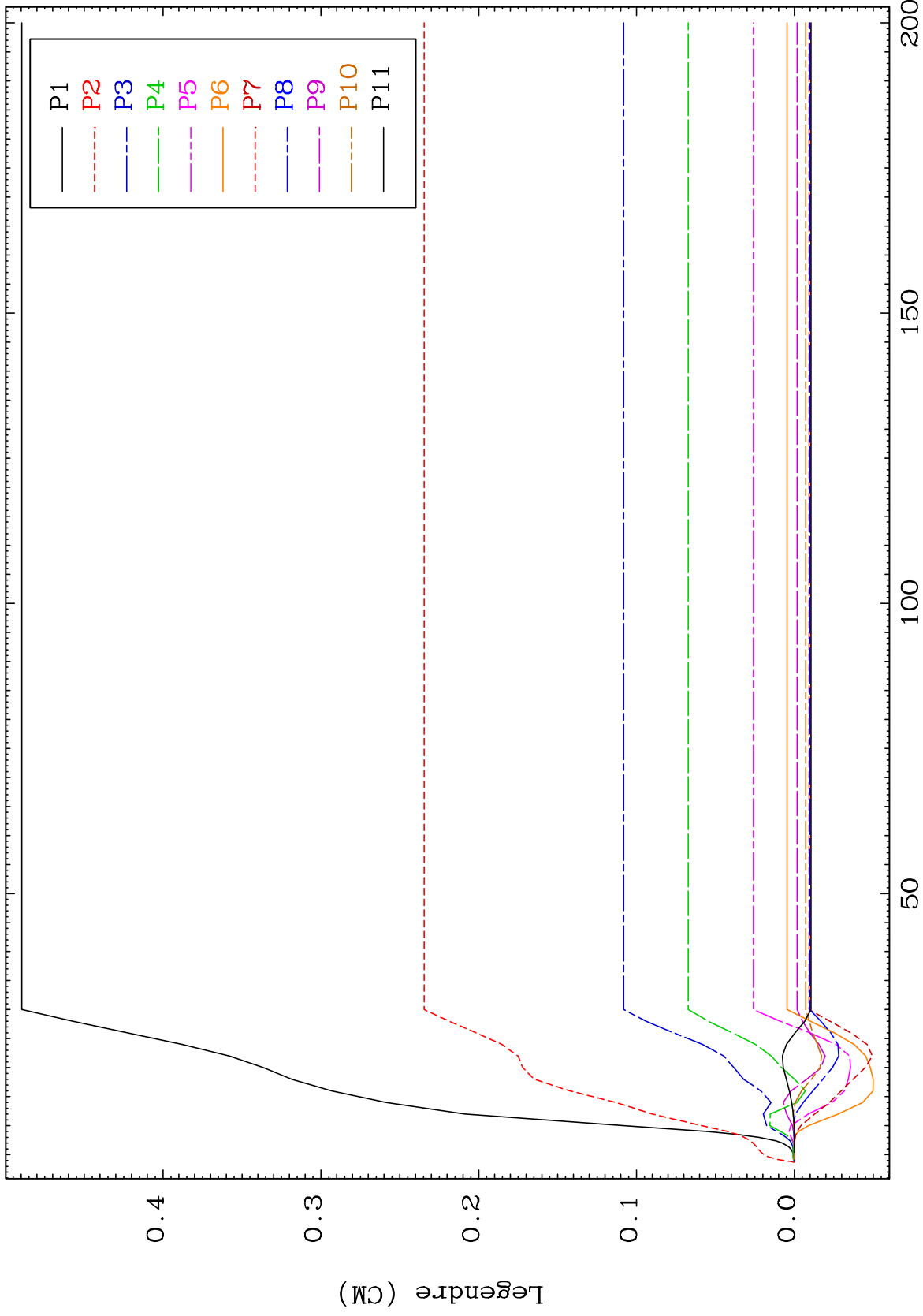
27-Co-63



MAT 2737

3.602 MeV (n,n') Level
Legendre Coefficients

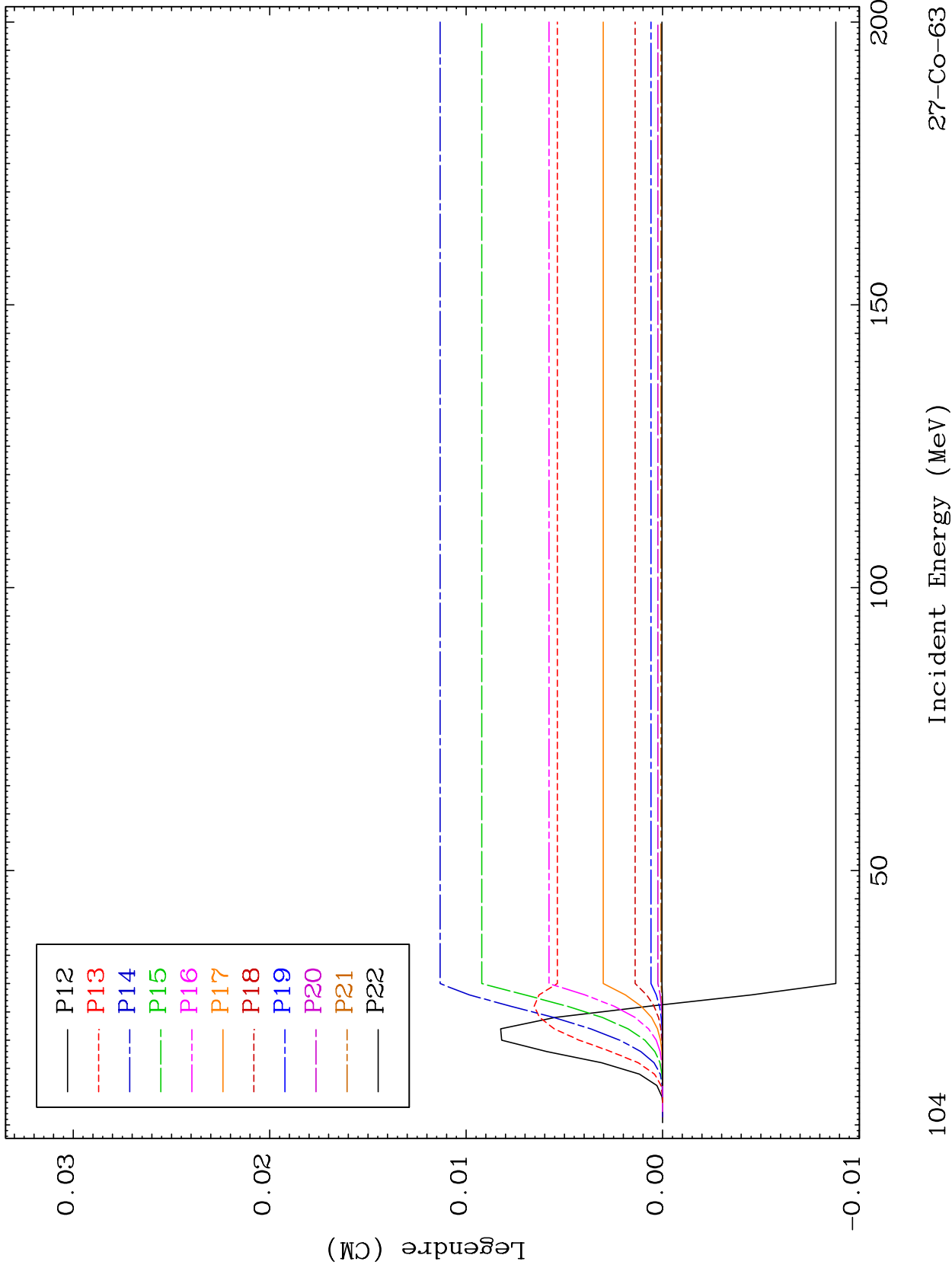
27-Co-63



103

Incident Energy (MeV)

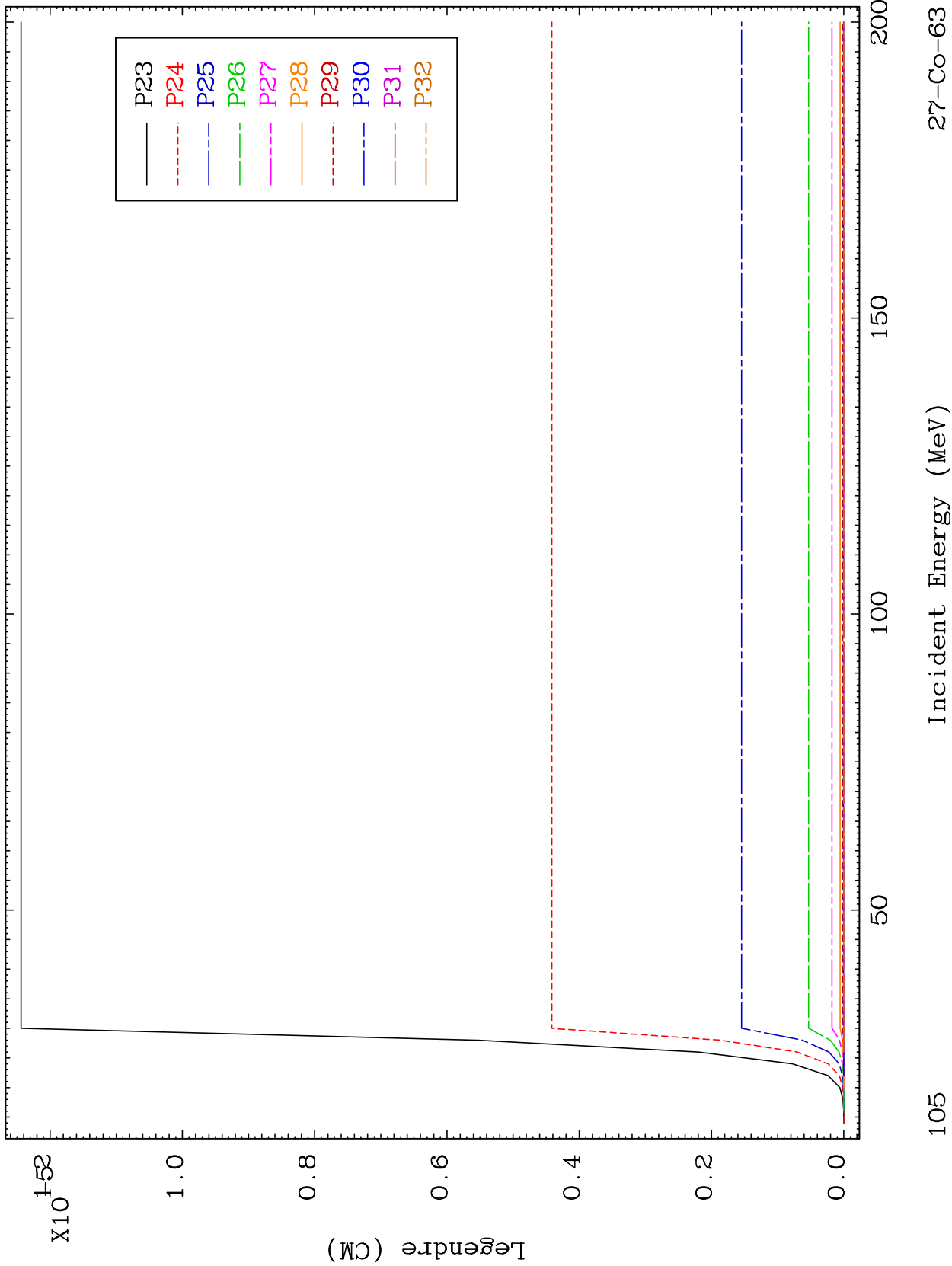
27-Co-63



MAT 2737

3.602 MeV (n,n') Level
Legendre Coefficients

27-Co-63

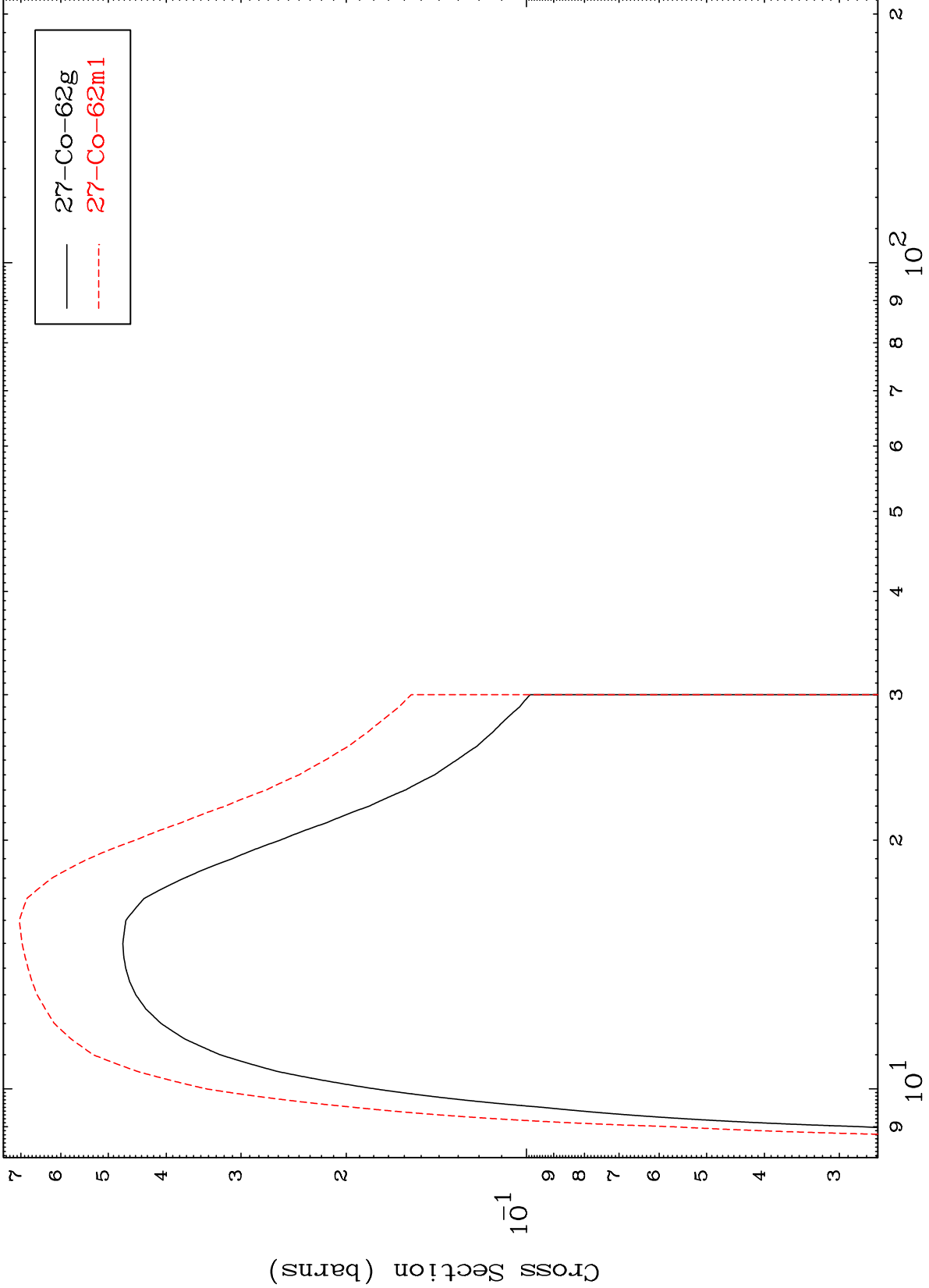


MAT 2737

²⁷Co-63

(n,2n)

Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

106

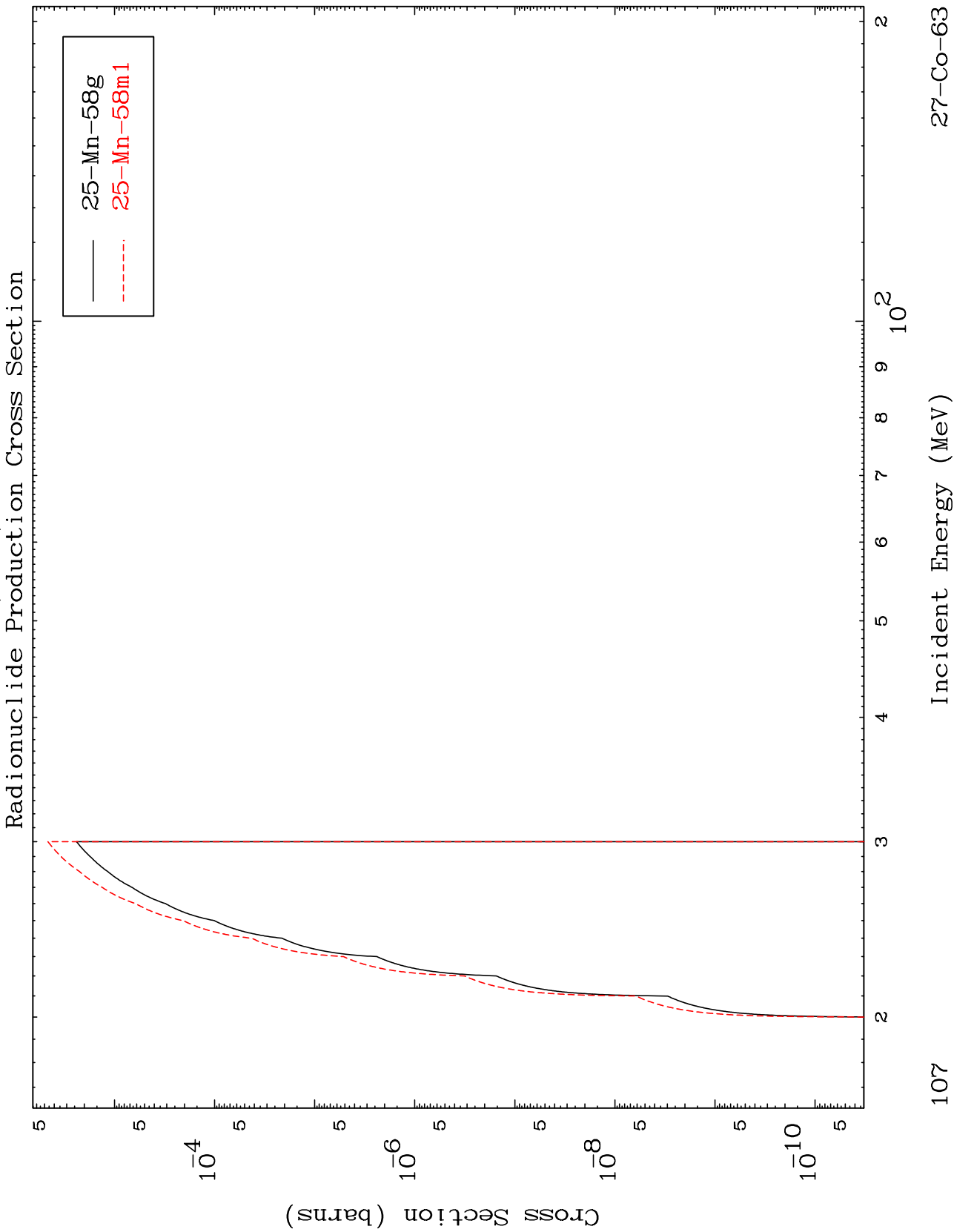
Incident Energy (MeV)

²⁷Co-63

MAT 2737

(n,2n) α

27-Co-63



107

Incident Energy (MeV)

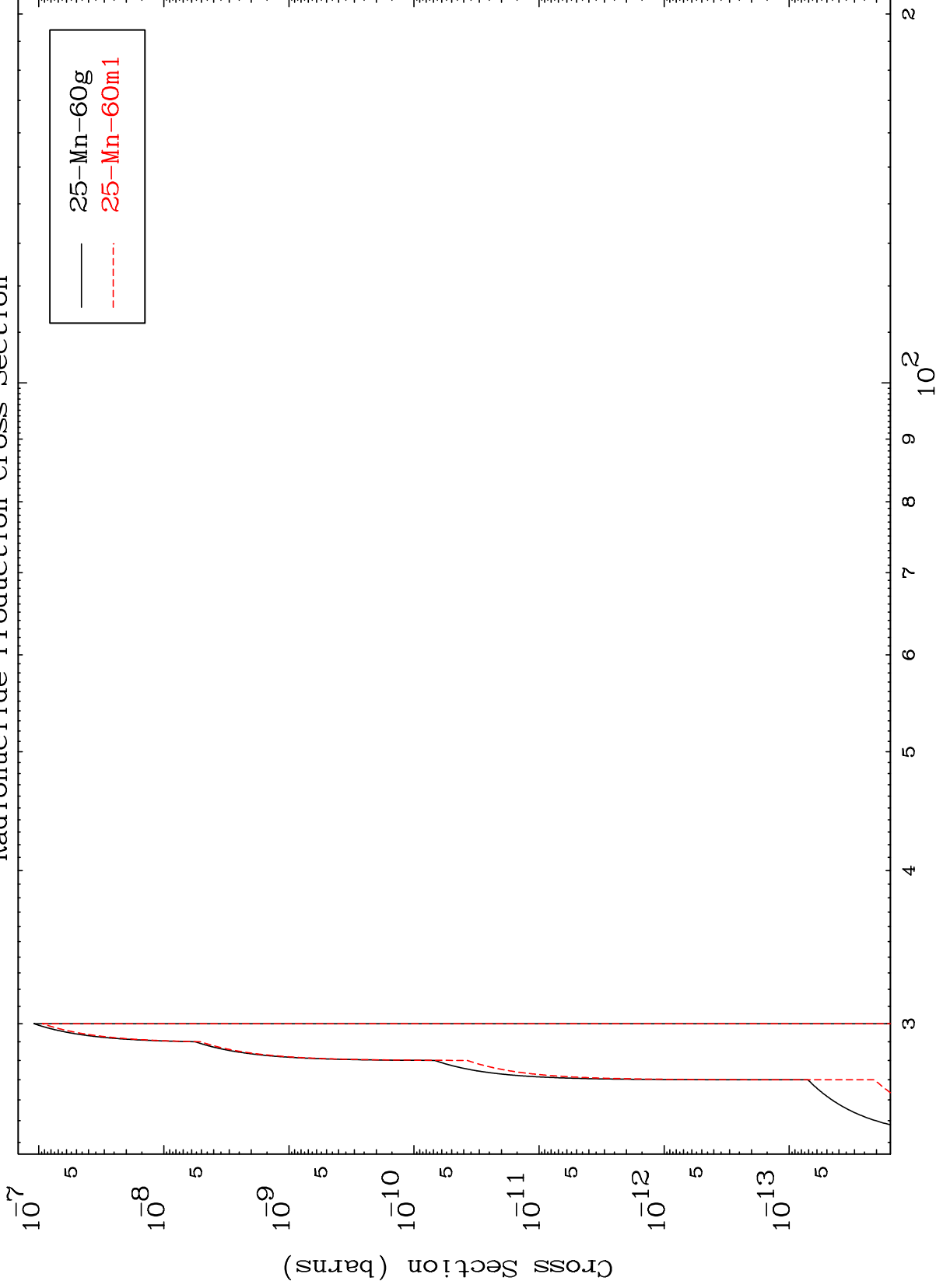
27-Co-63

MAT 2737

(n,n') He-3

27-Co-63

Radionuclide Production Cross Section



108

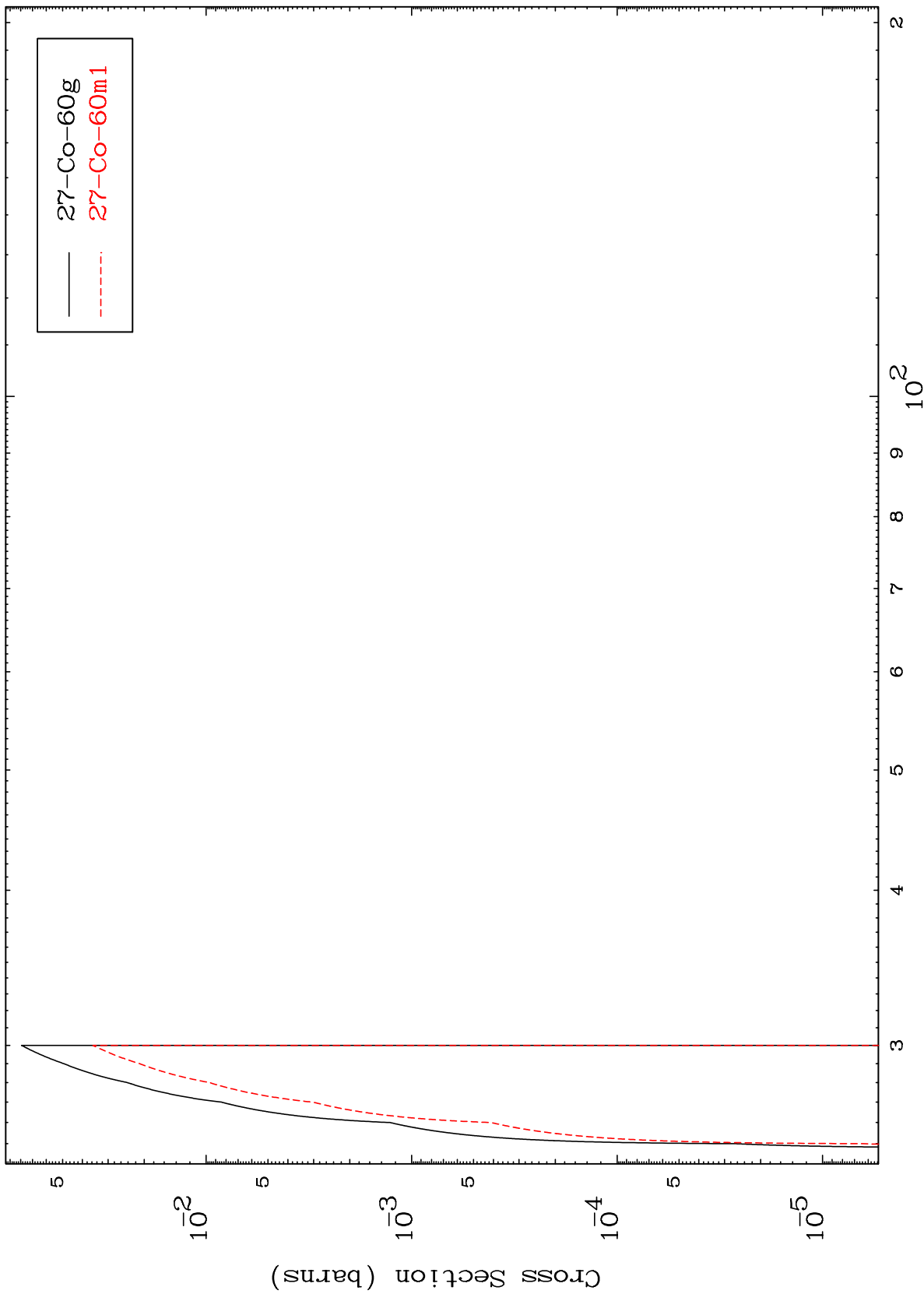
Incident Energy (MeV)

27-Co-63

MAT 2737

27-Co-63

(n,4n)
Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

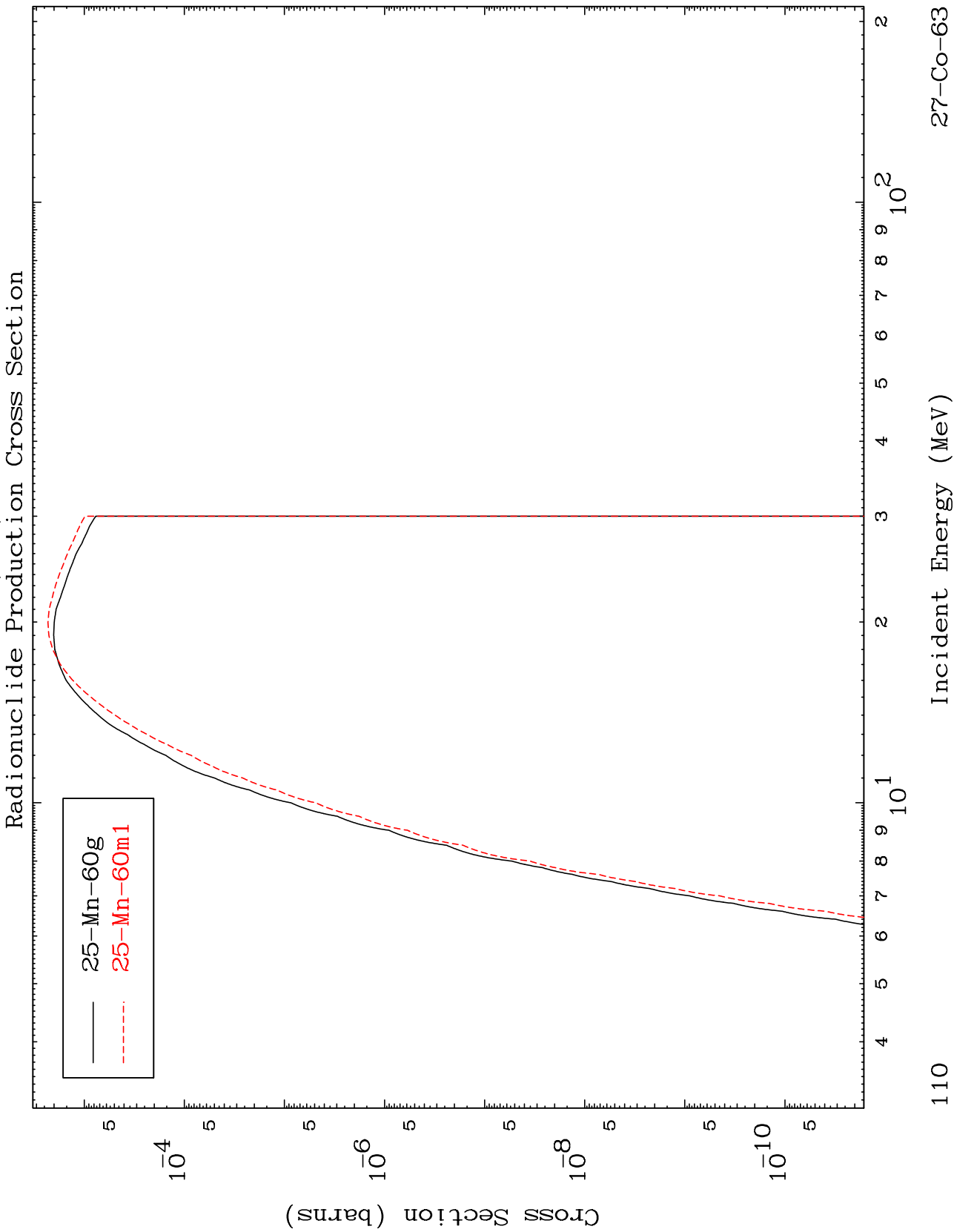
109

Incident Energy (MeV)

27-Co-63

MAT 2737

27-Co-63



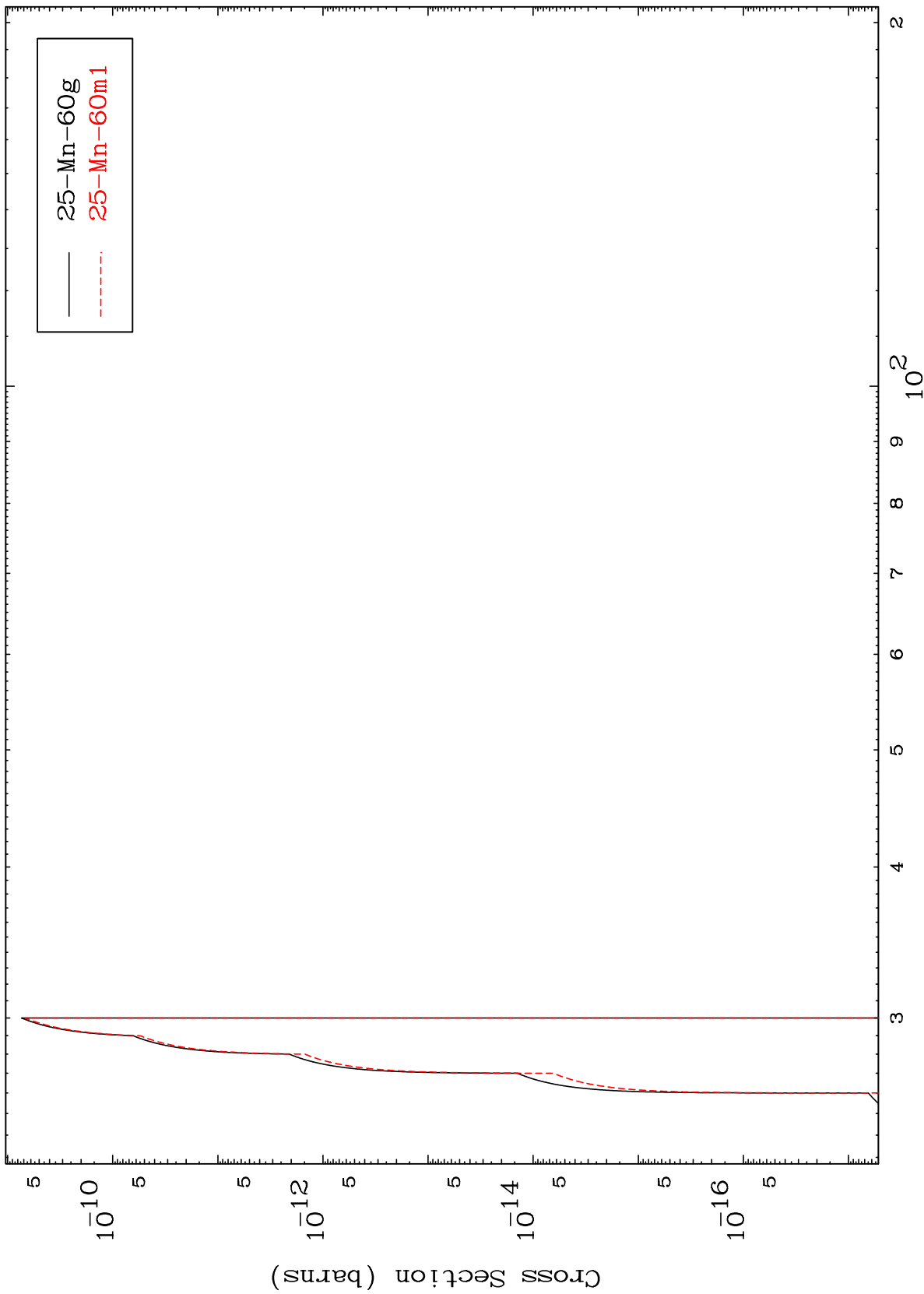
110

MAT 2737

(n,p) t

27-Co-63

Radionuclide Production Cross Section



25-Mn-60g
25-Mn-60m1

111

Incident Energy (MeV)

27-Co-63