

Program EVALPLOT
(Version 2015-2)

by

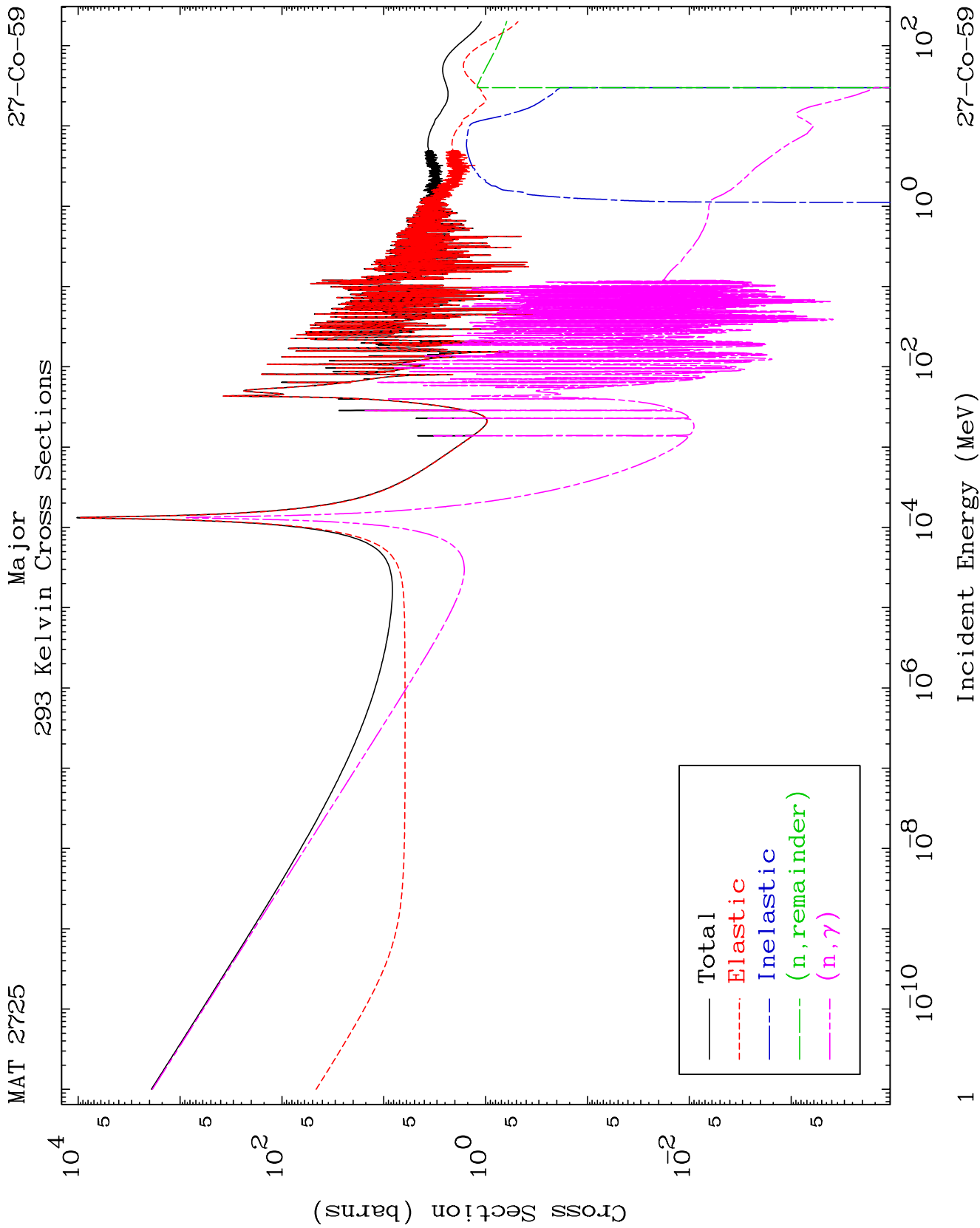
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(Present Contact Information)

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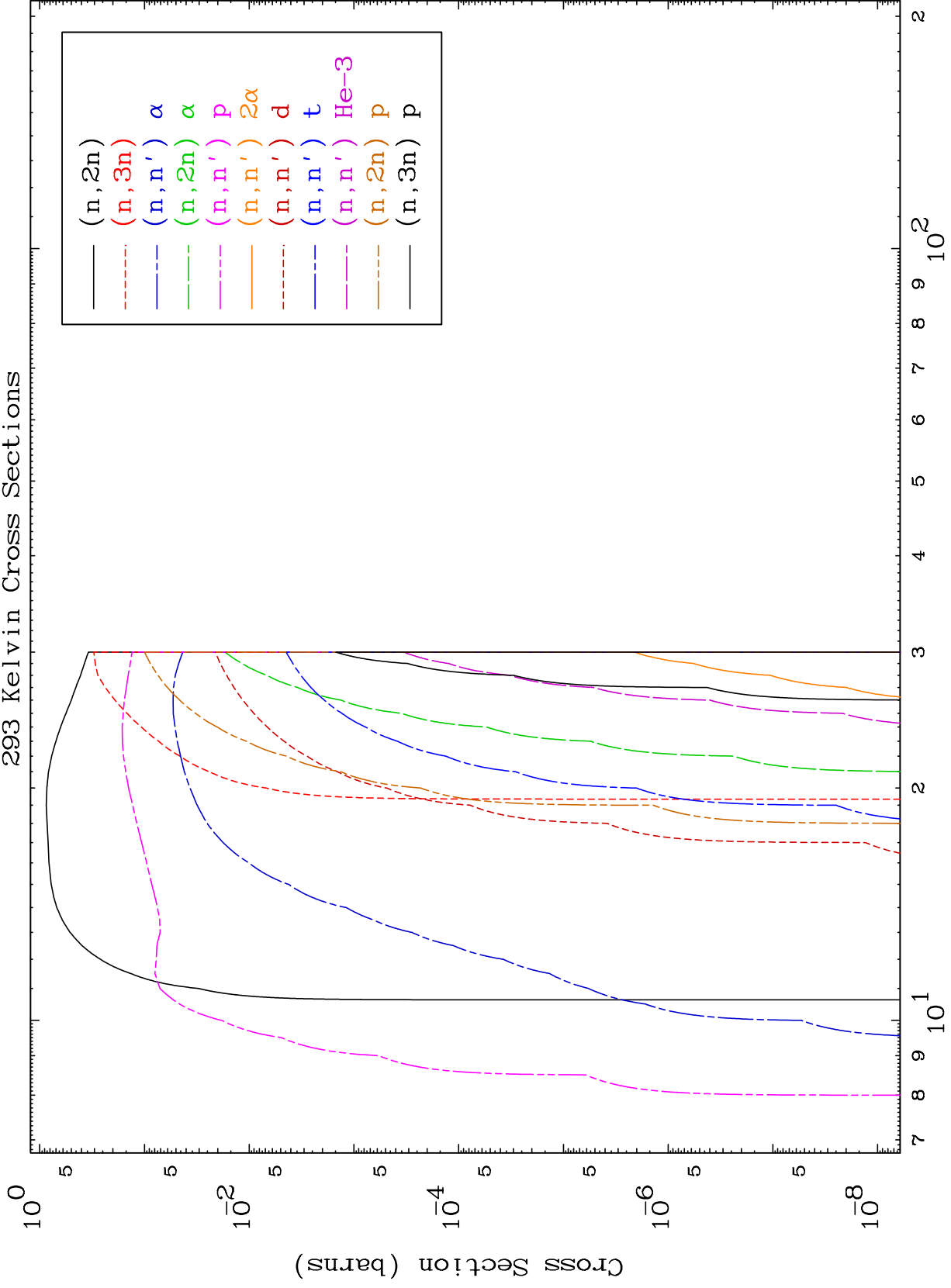
Press Mouse Button to Start



MAT 2725

Neutron Production
293 Kelvin Cross Sections

27-Co-59



2

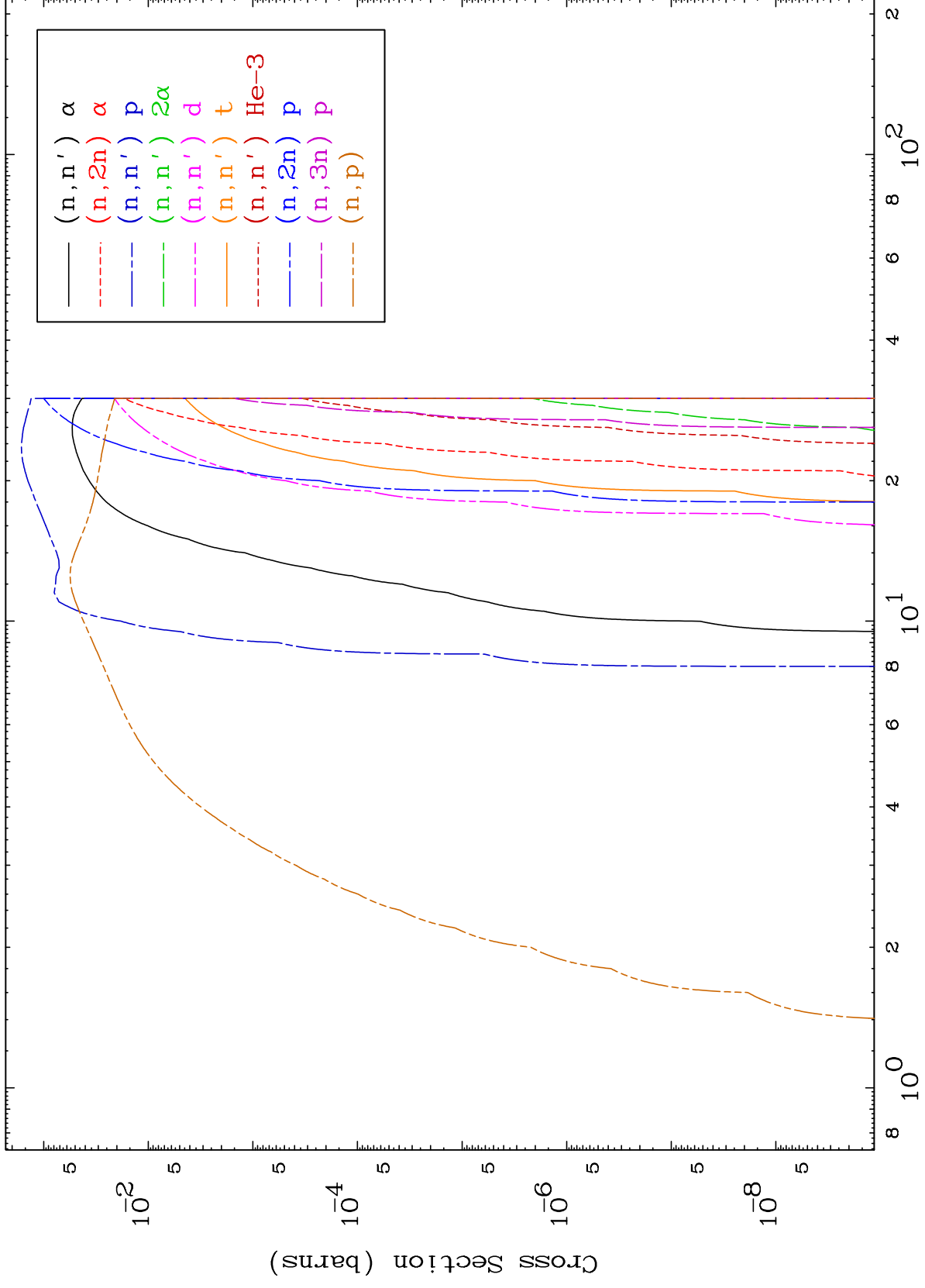
Incident Energy (MeV)

27-Co-59

MAT 2725

Charged Particle
293 Kelvin Cross Sections

27-Co-59



3

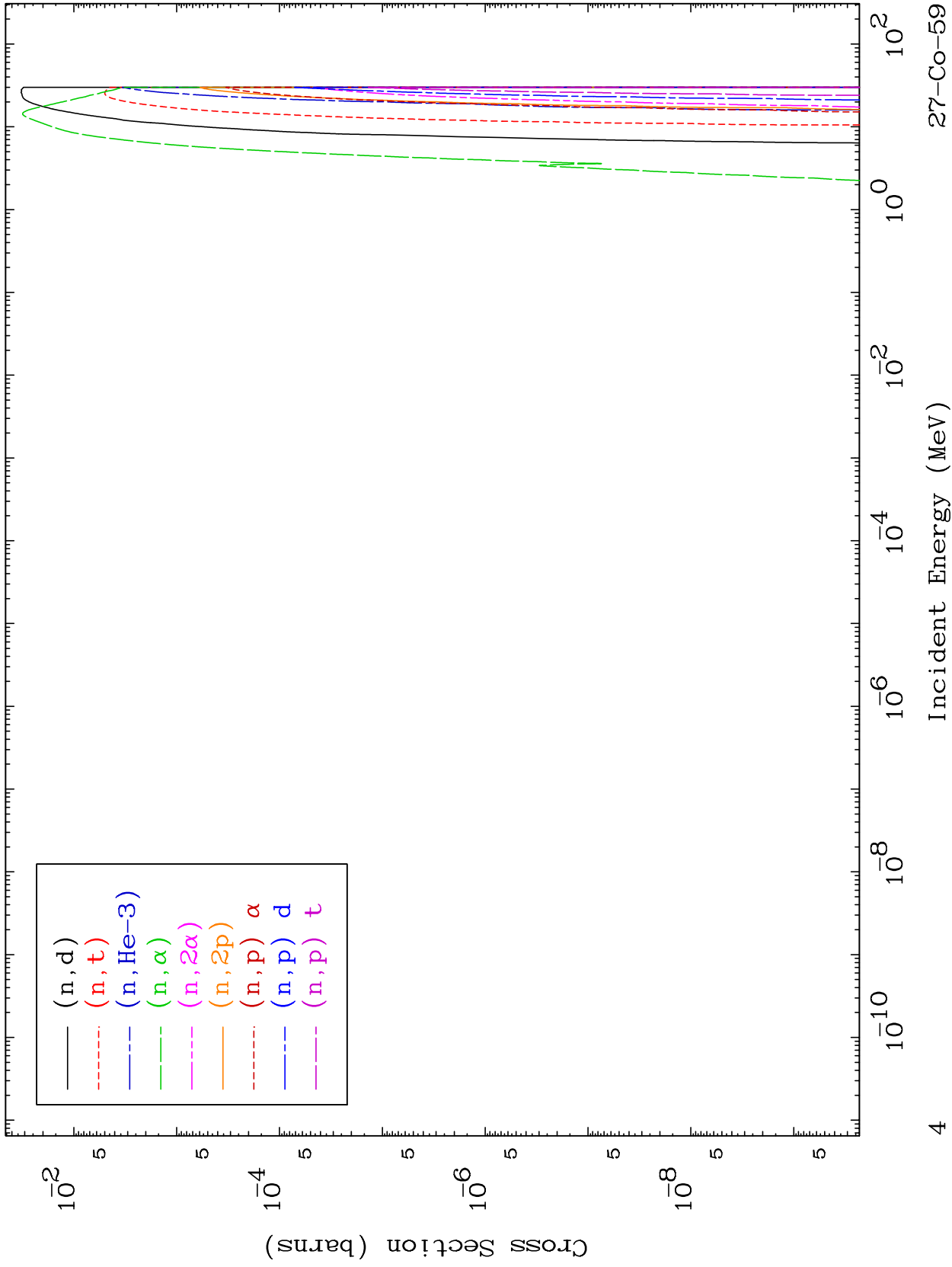
Incident Energy (MeV)

27-Co-59

MAT 2725

Charged Particle
293 Kelvin Cross Sections

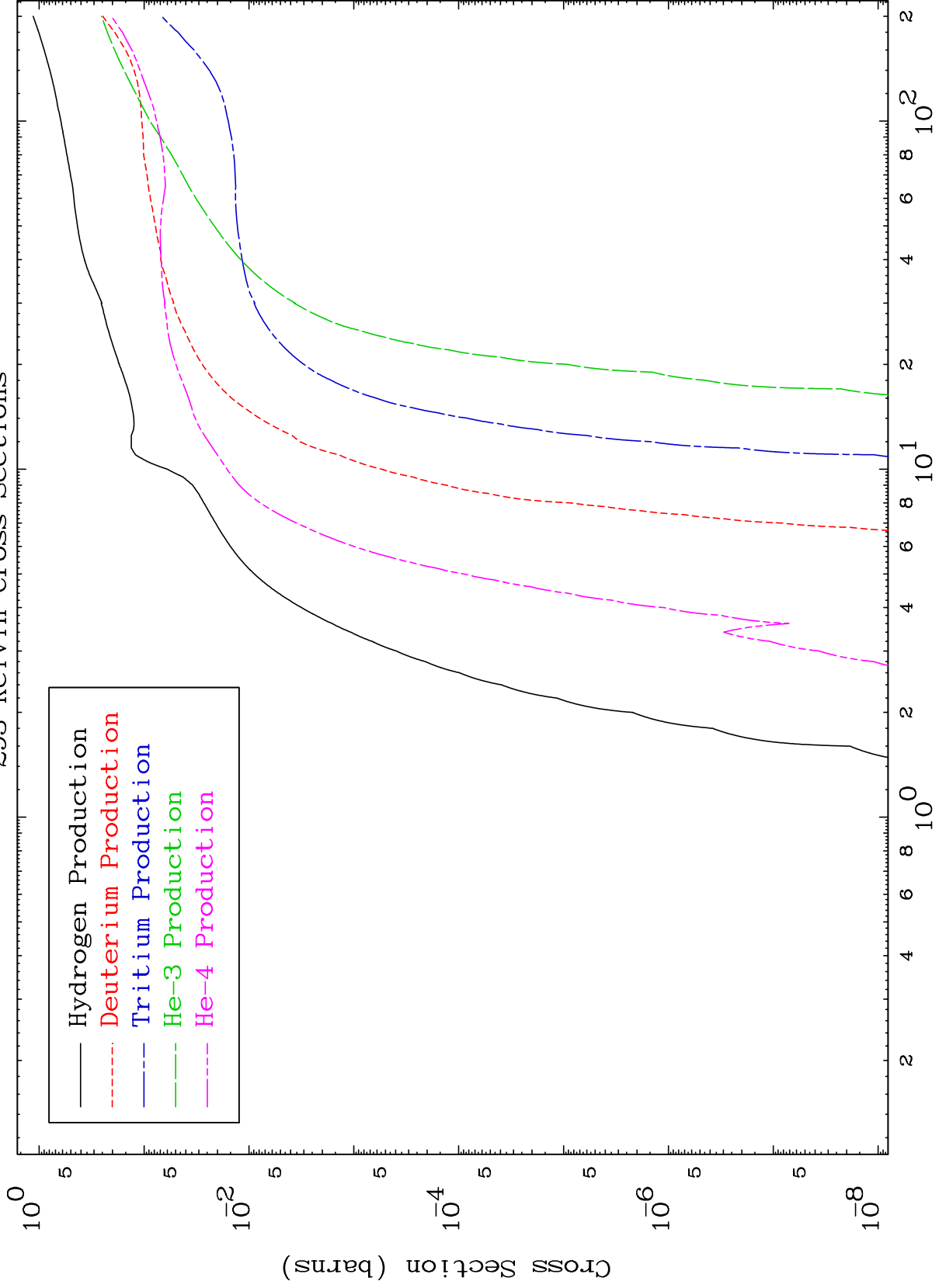
27-Co-59



MAT 2725

Particle Production
293 Kelvin Cross Sections

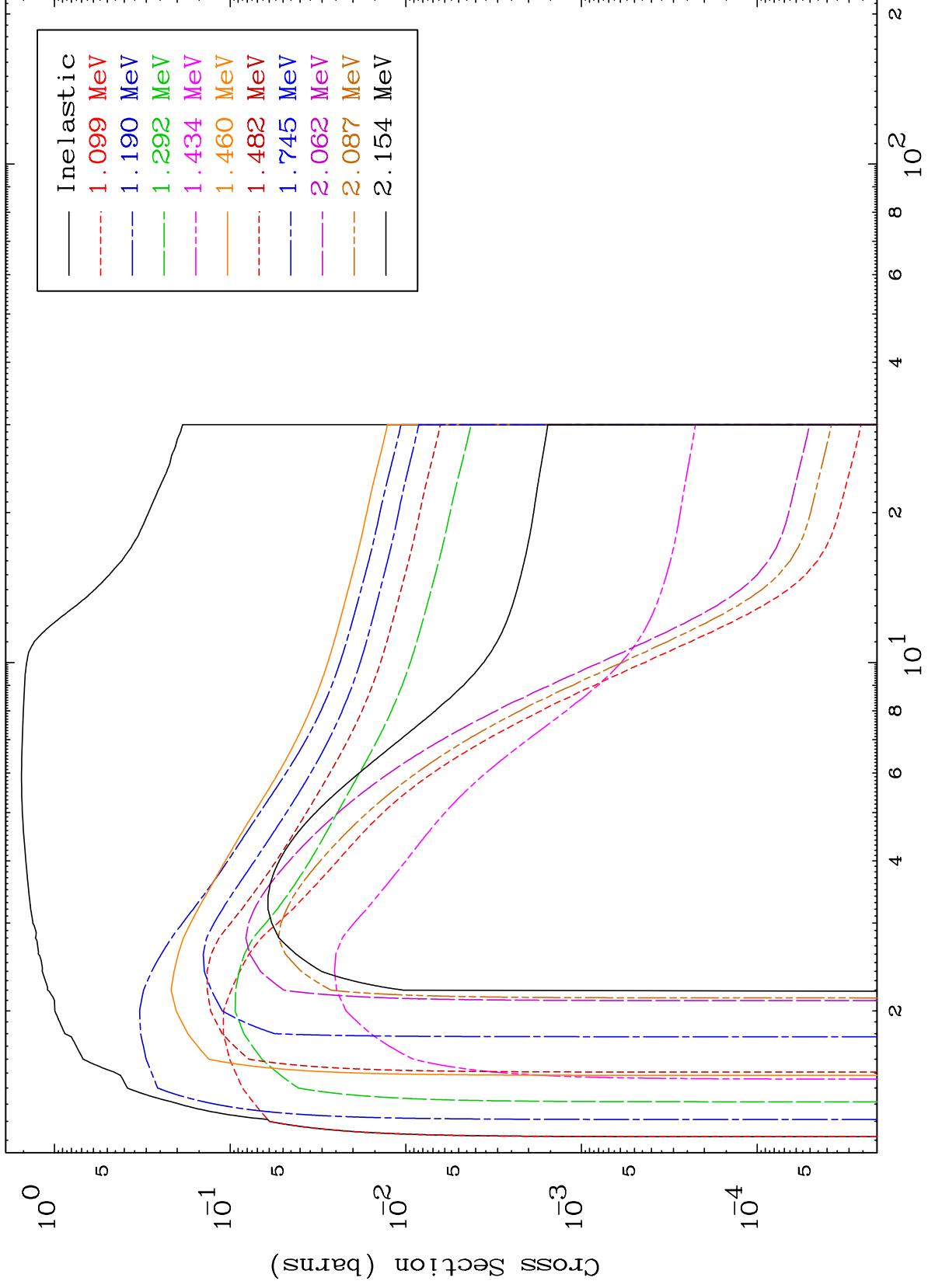
27-Co-59



MAT 2725

(n,n') Level
293 Kelvin Cross Sections

27-Co-59



6

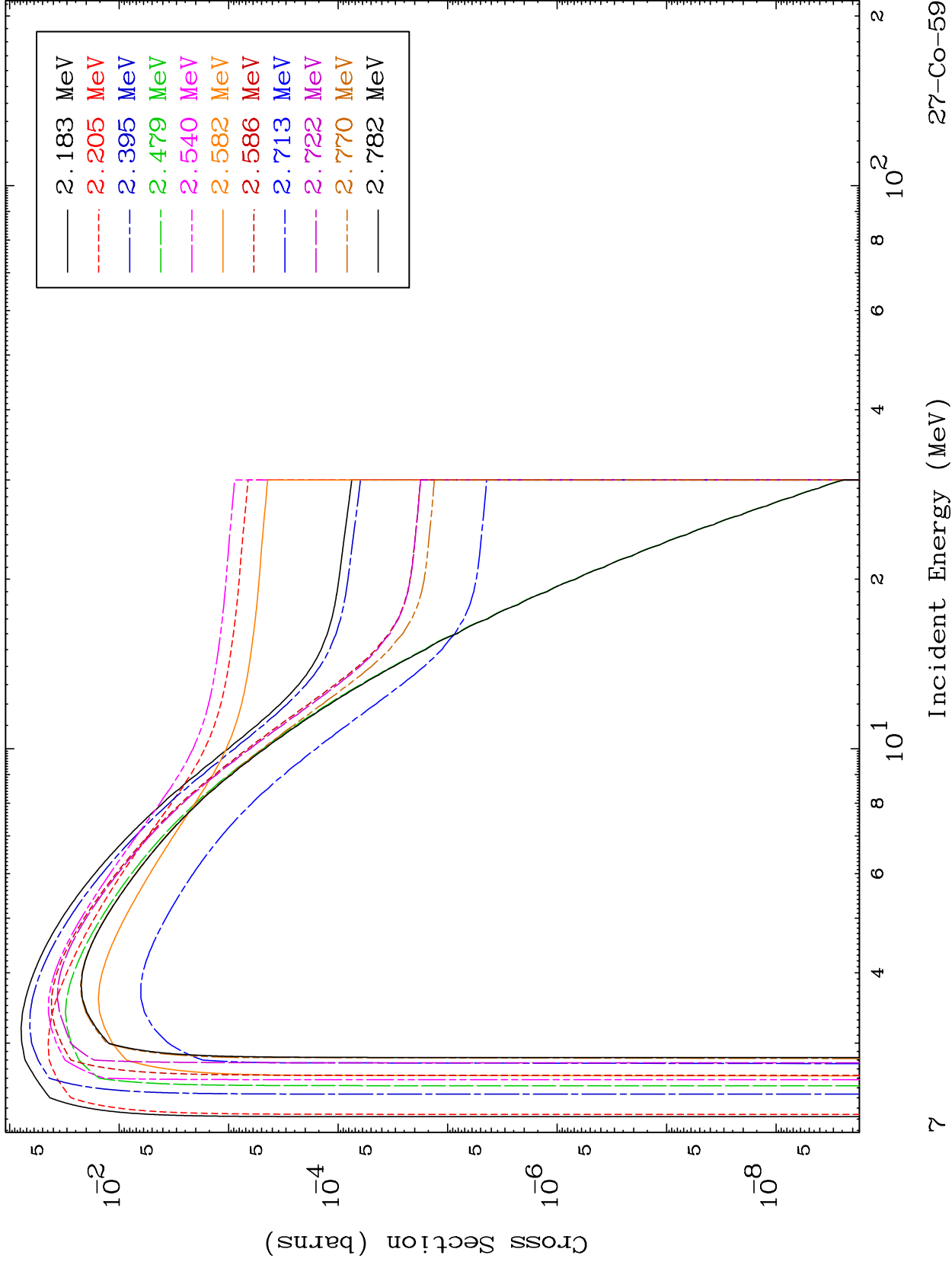
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,n') Level
293 Kelvin Cross Sections

27-Co-59

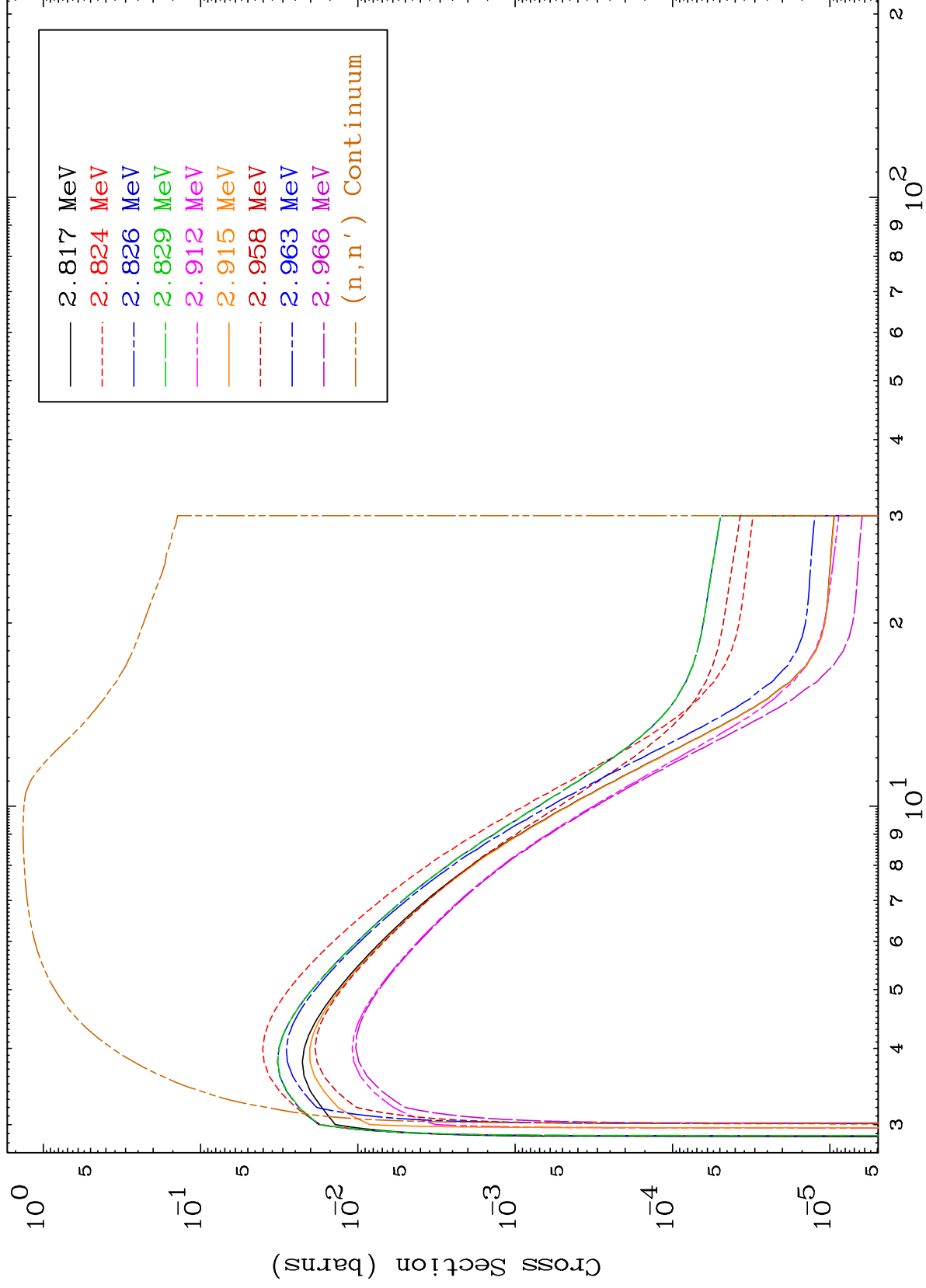


MAT 2725

(n,n') Level

27-Co-59

293 Kelvin Cross Sections



8

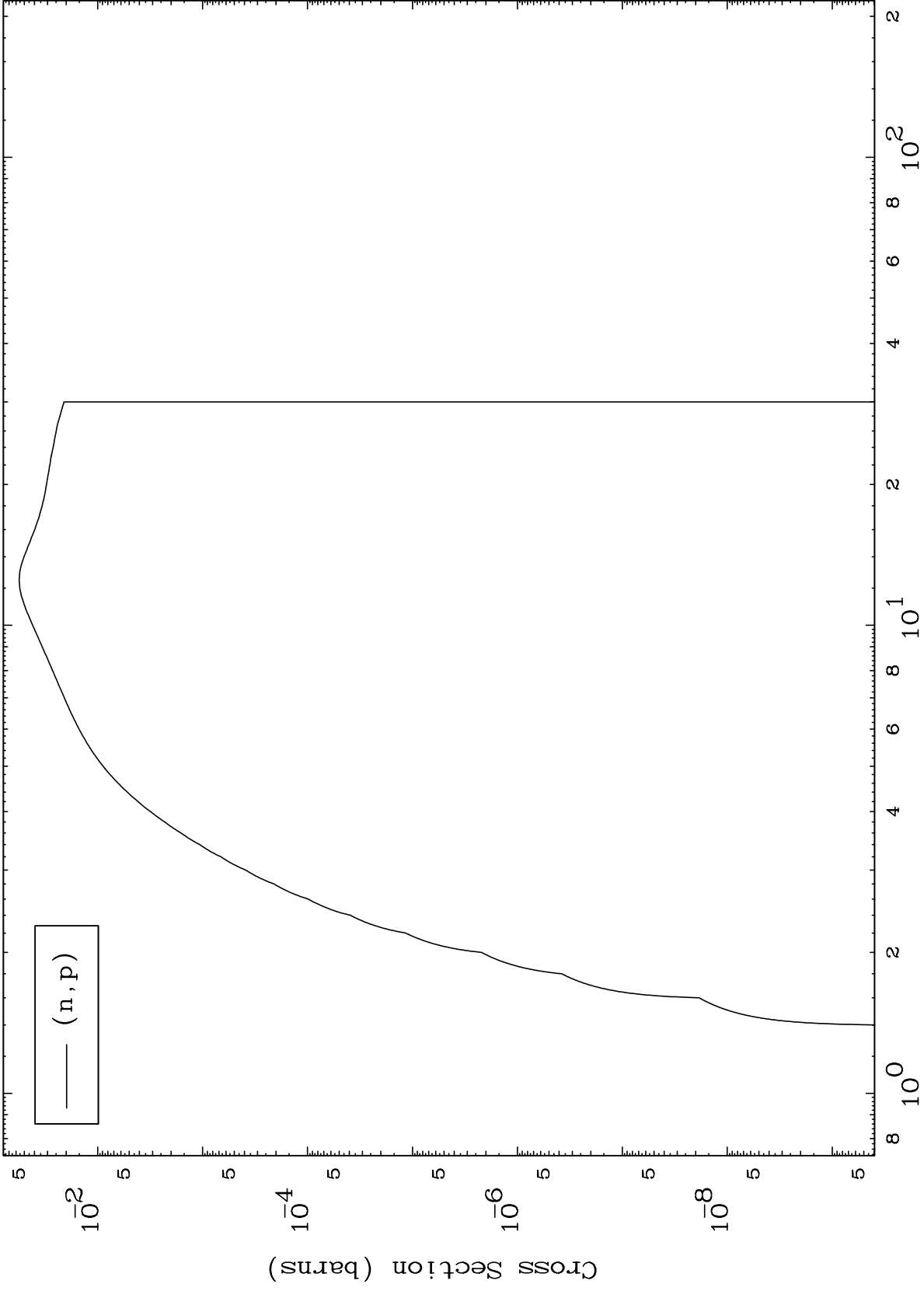
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,p) Levels
293 Kelvin Cross Sections

27-Co-59



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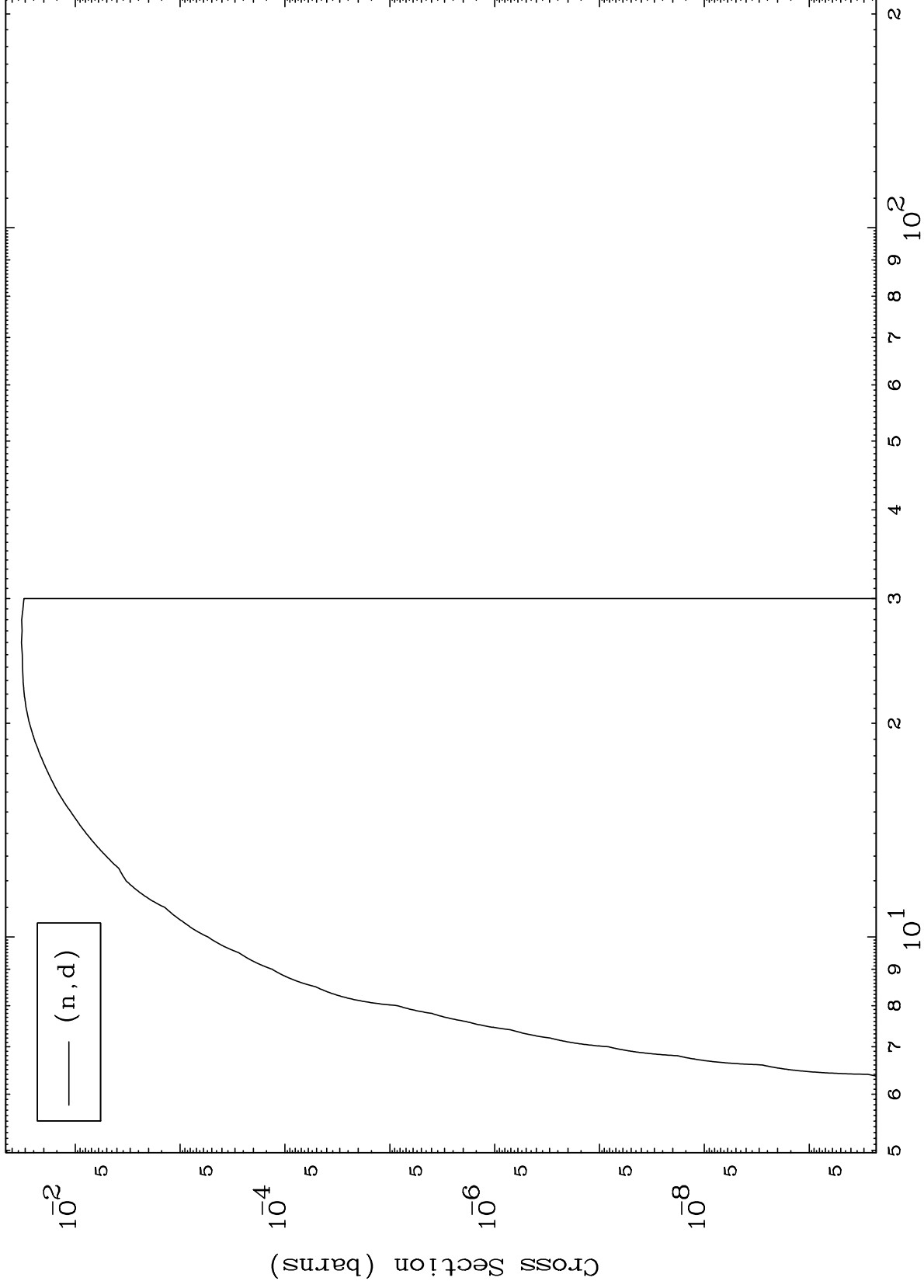
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,d) Levels
293 Kelvin Cross Sections

27-Co-59



10

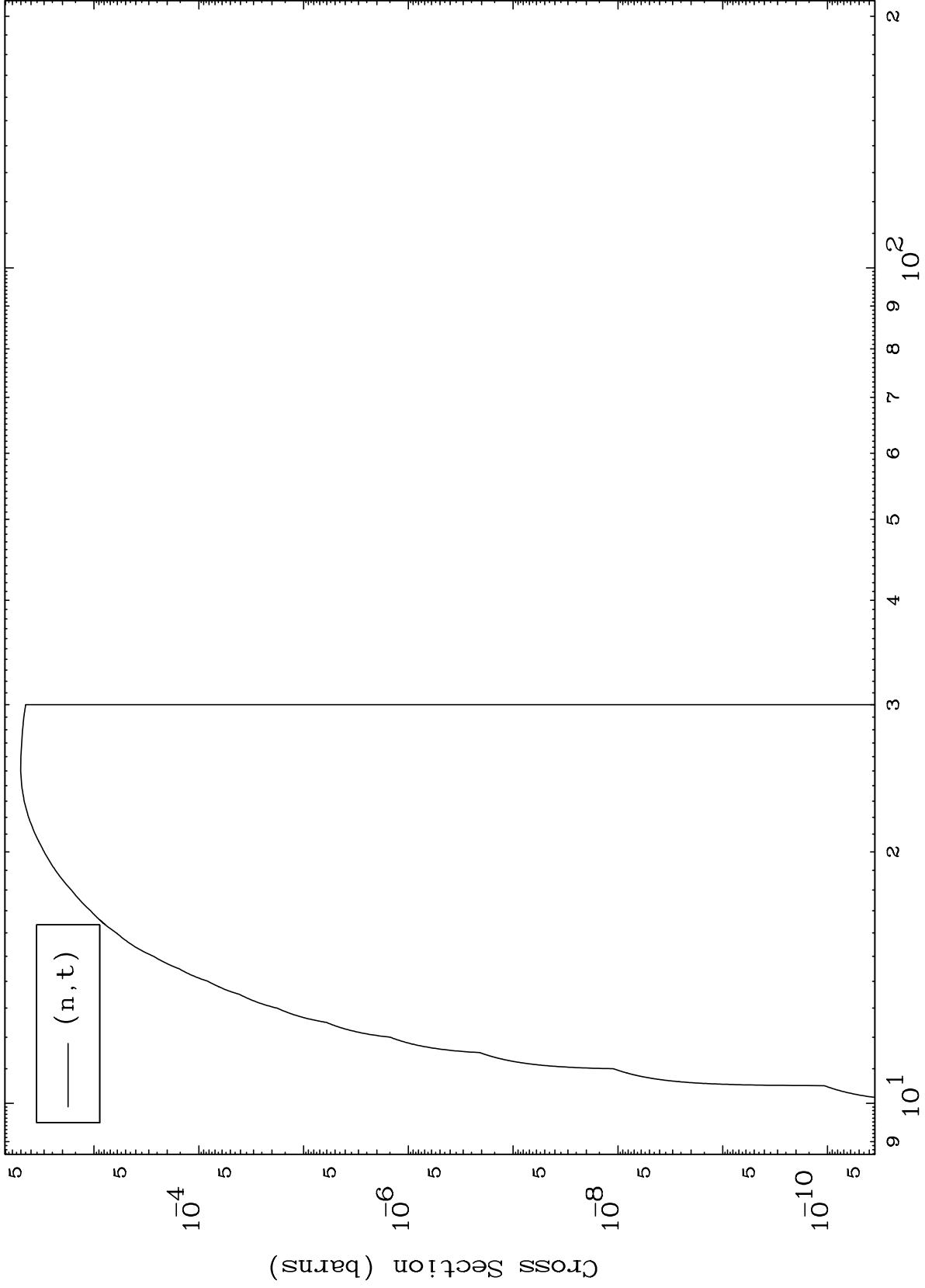
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,t) Levels
293 Kelvin Cross Sections

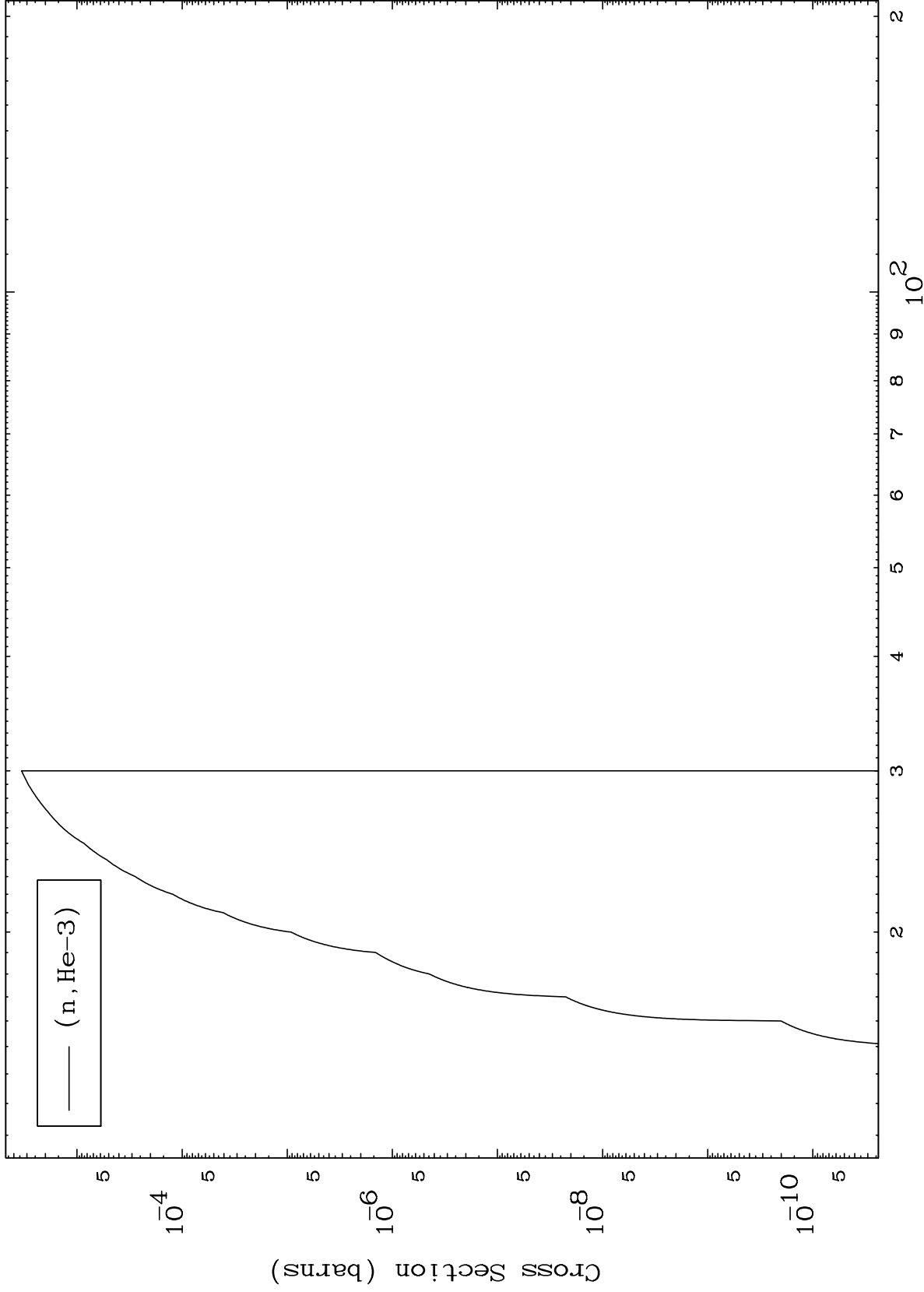
27-Co-59



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Incident Energy (MeV)

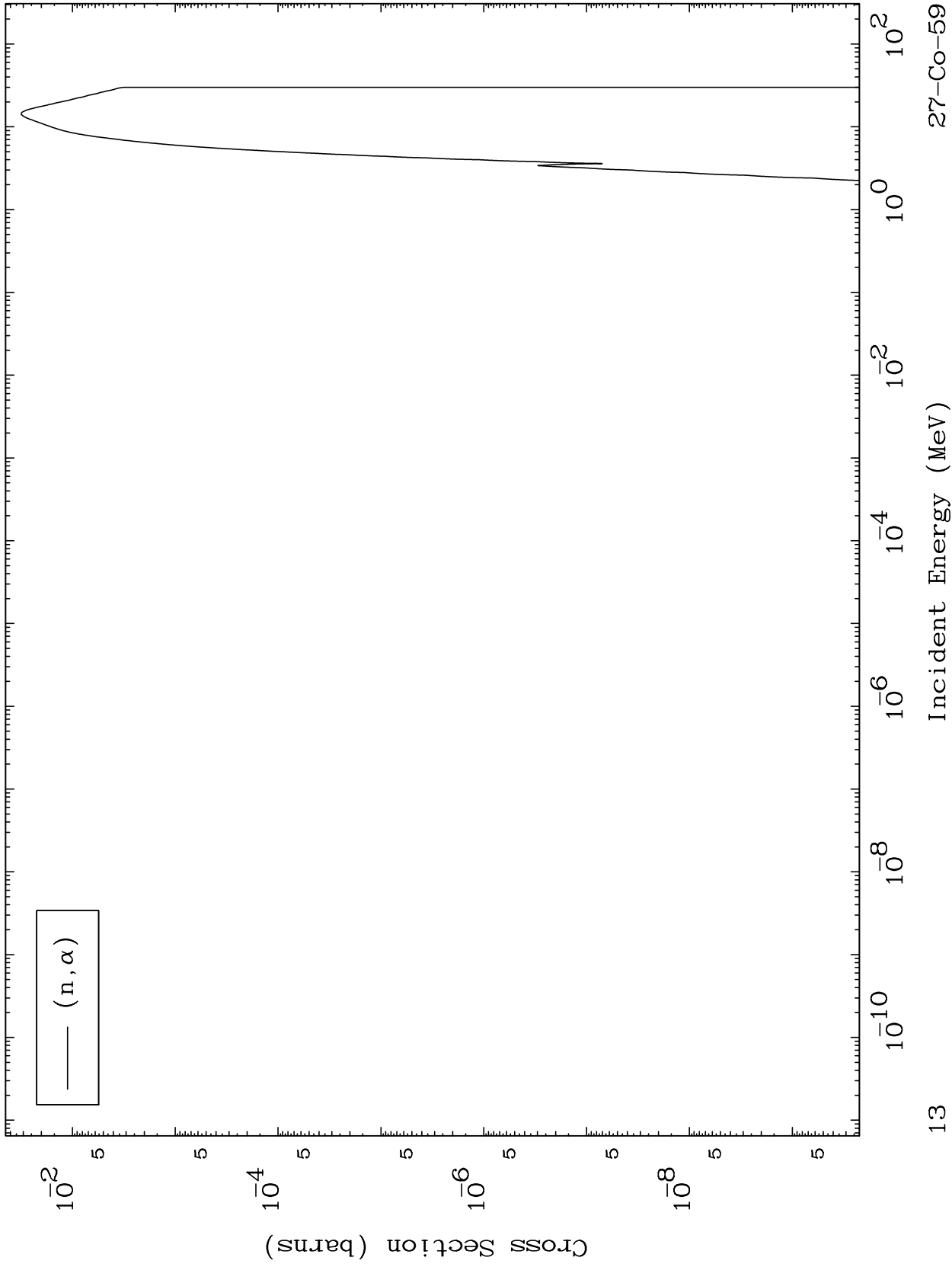
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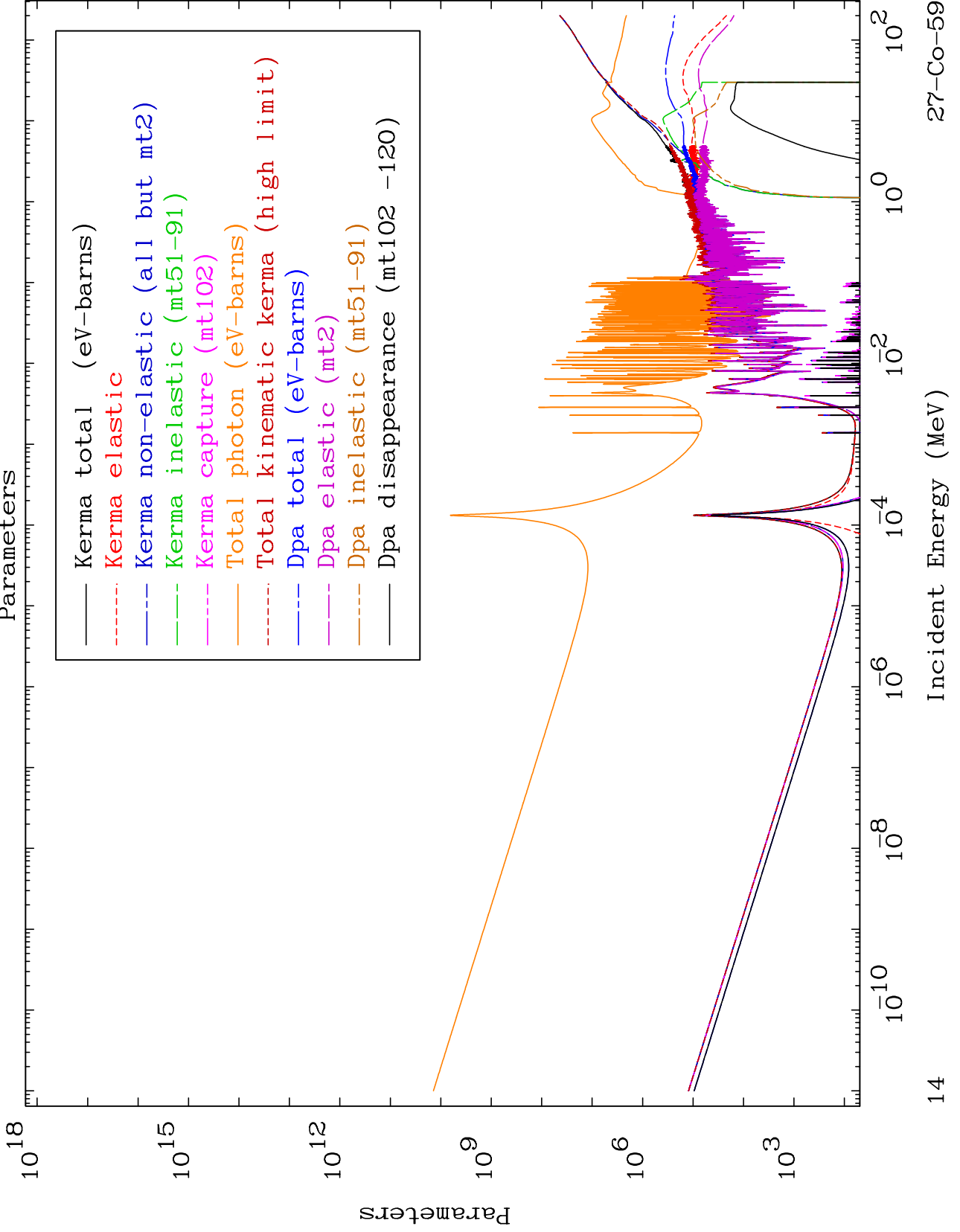


MAT 2725

(n, α) Levels
293 Kelvin Cross Sections

²⁷Co-59

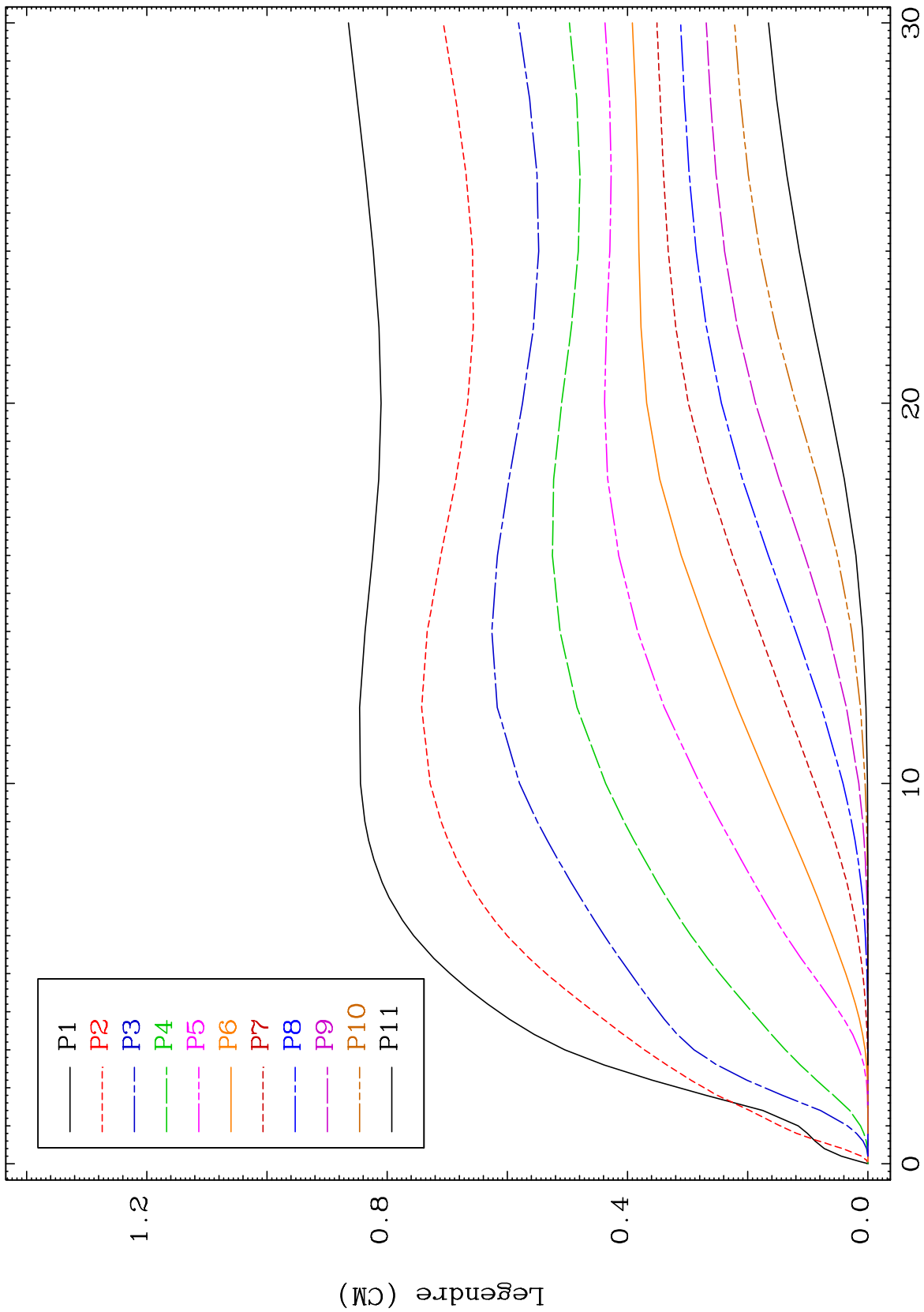




MAT 2725

Elastic Legendre Coefficients

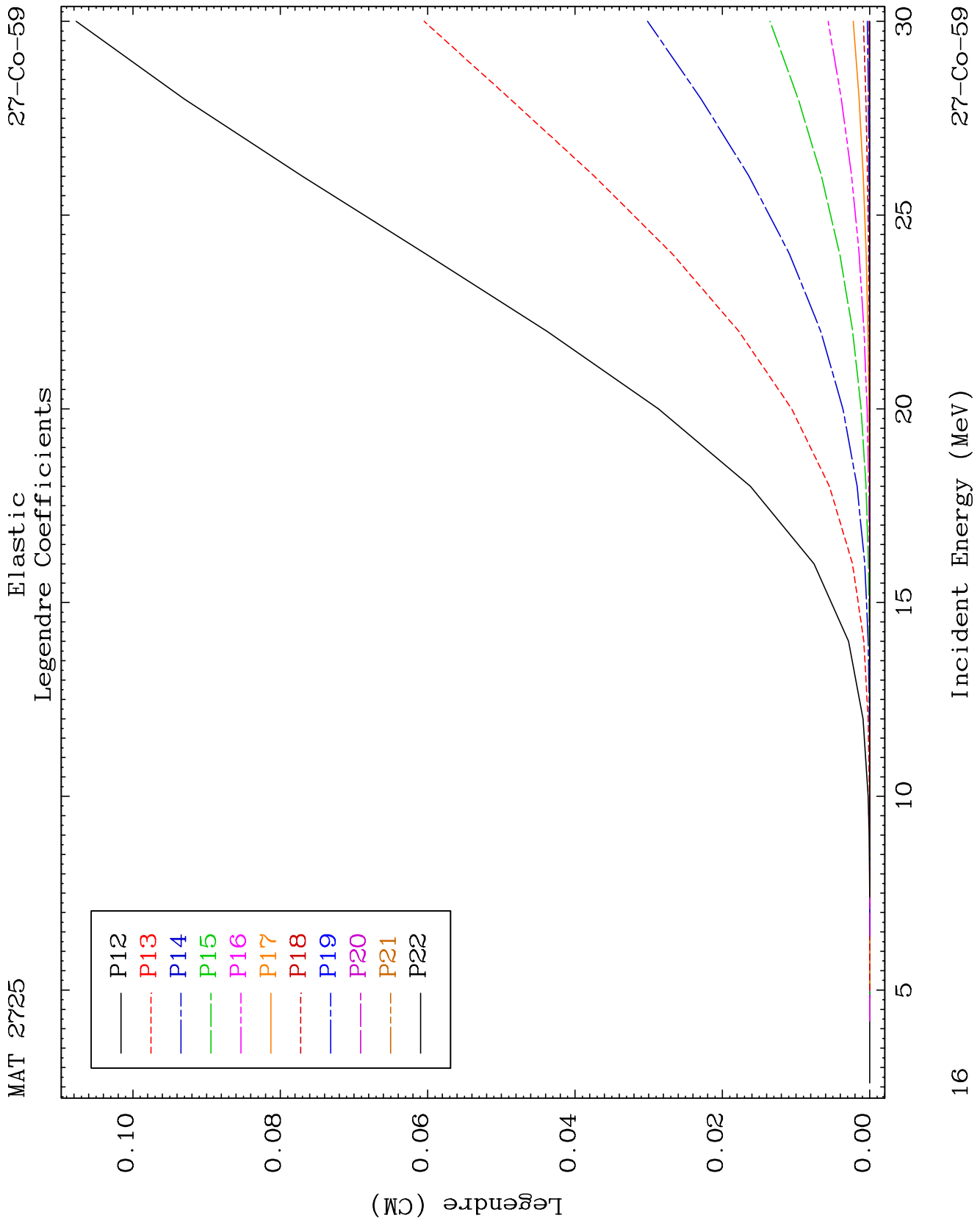
27-Co-59



27-Co-59

Incident Energy (MeV)

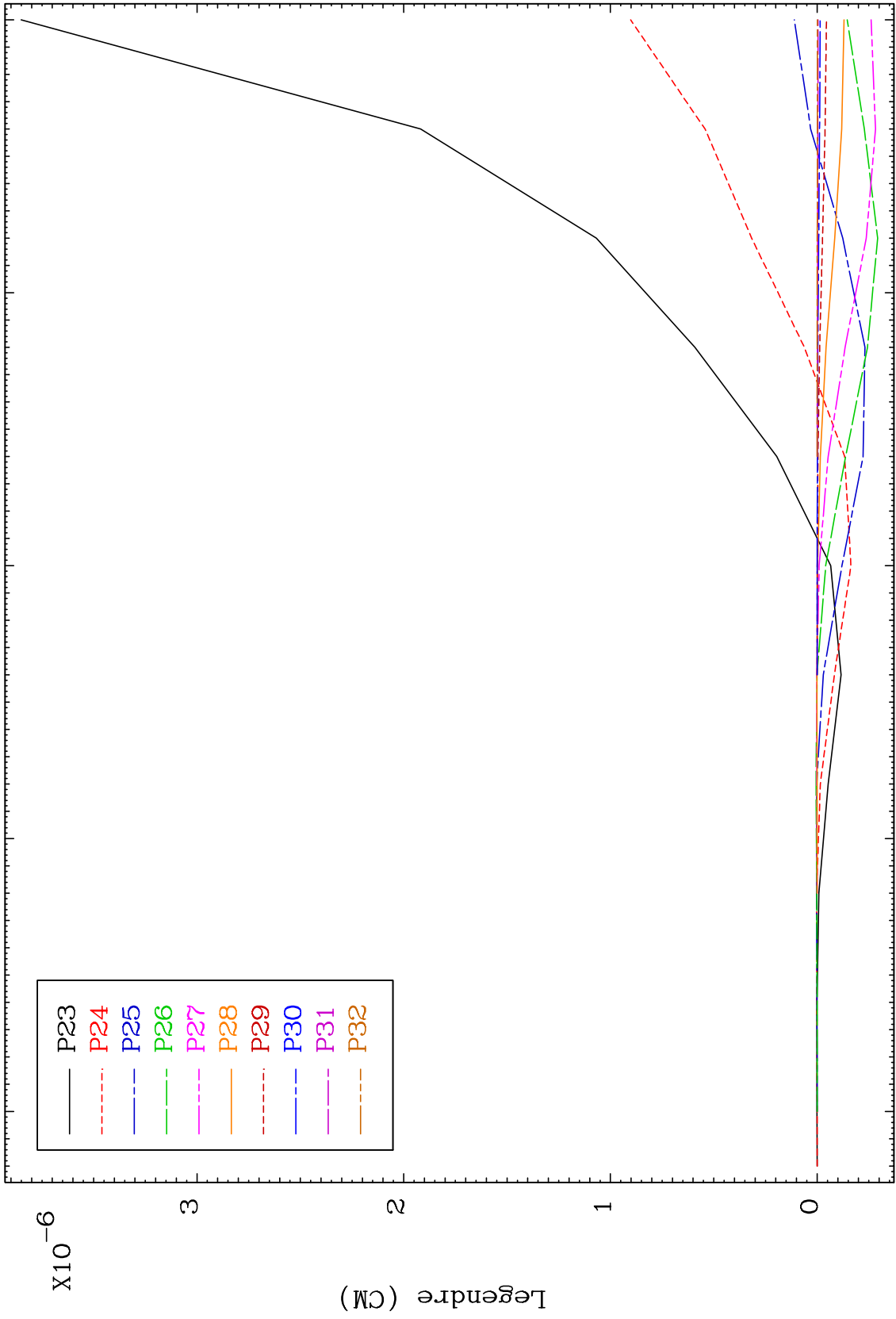
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MAT 2725

Elastic Legendre Coefficients

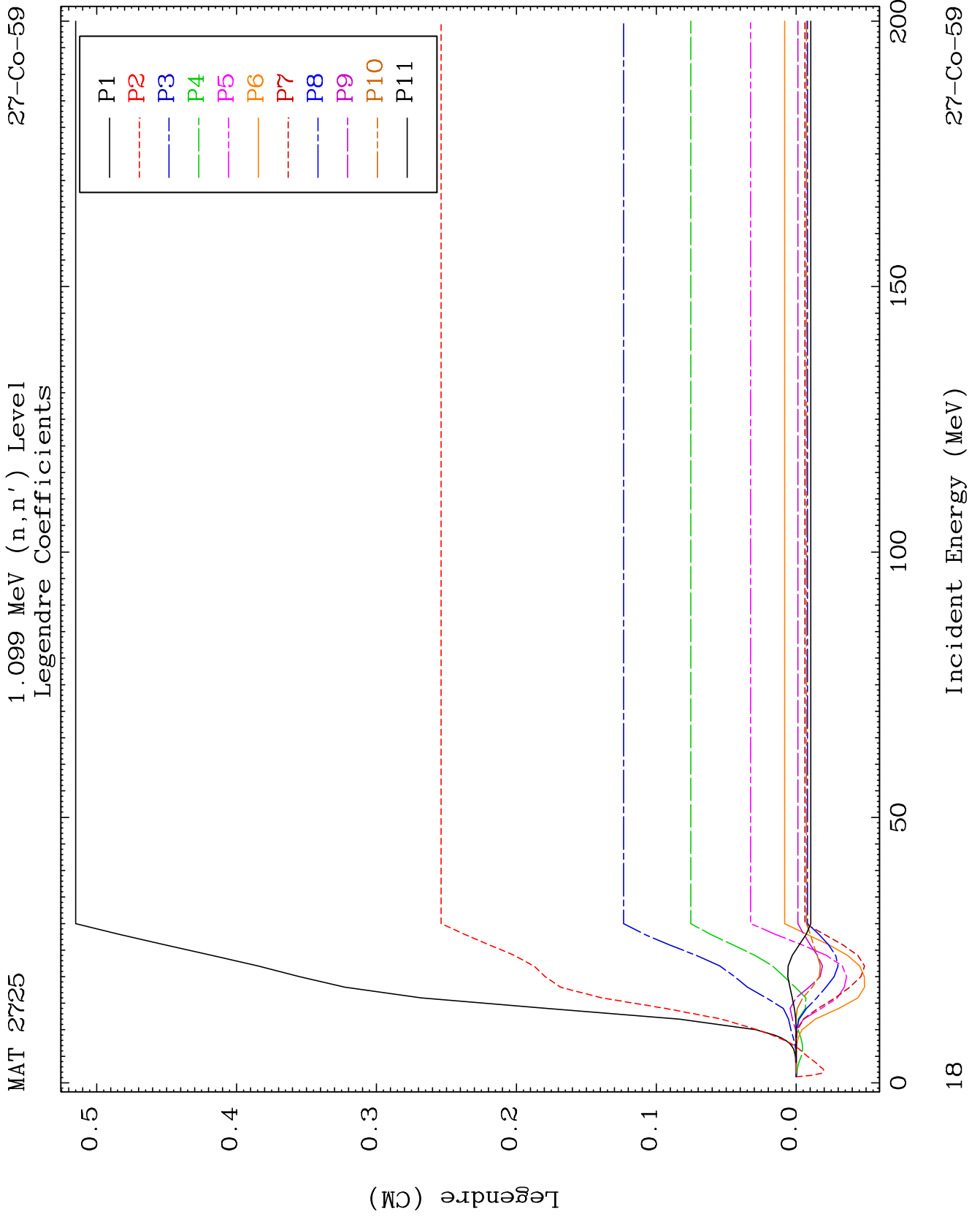
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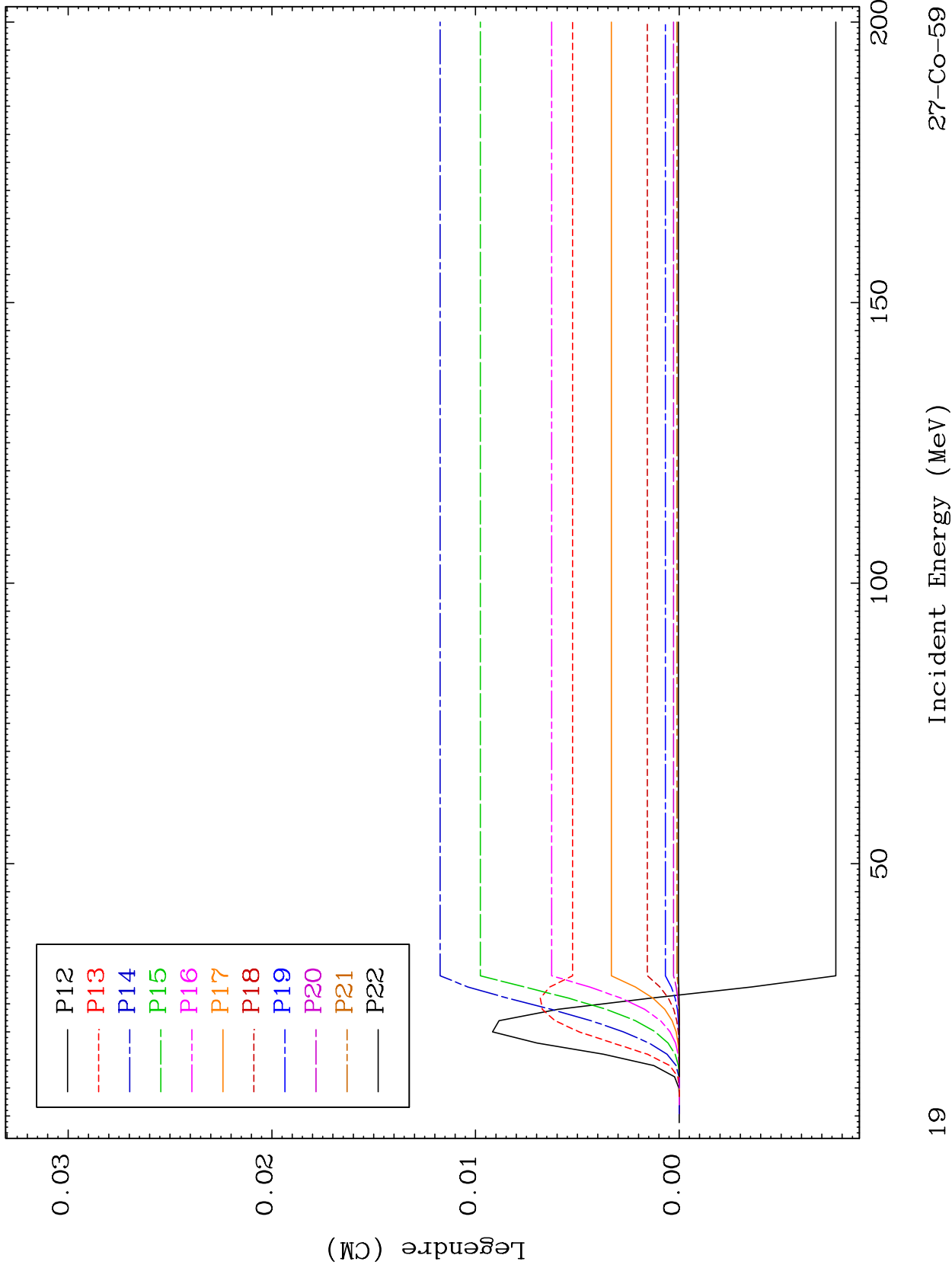


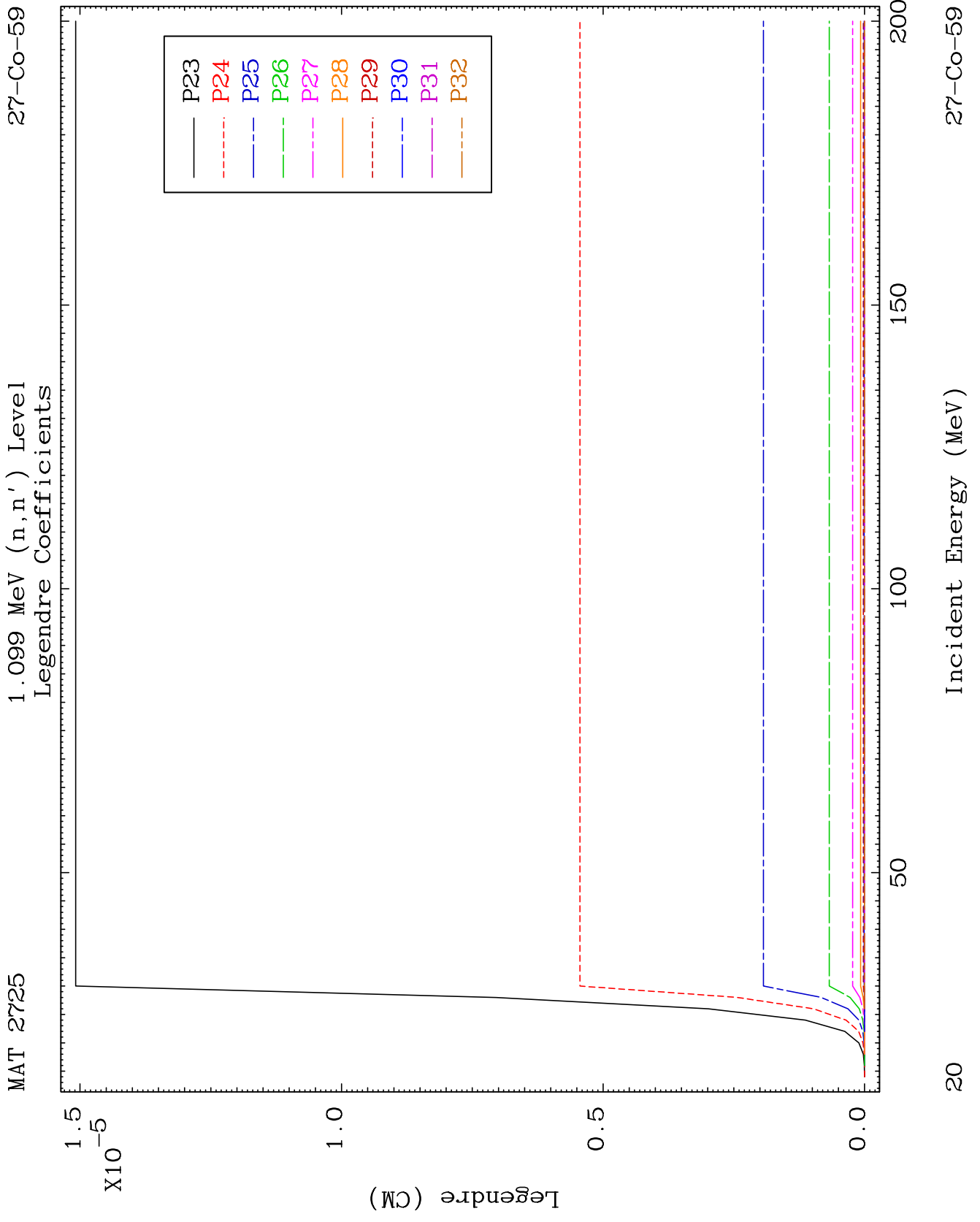
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Incident Energy (MeV)

27-Co-59



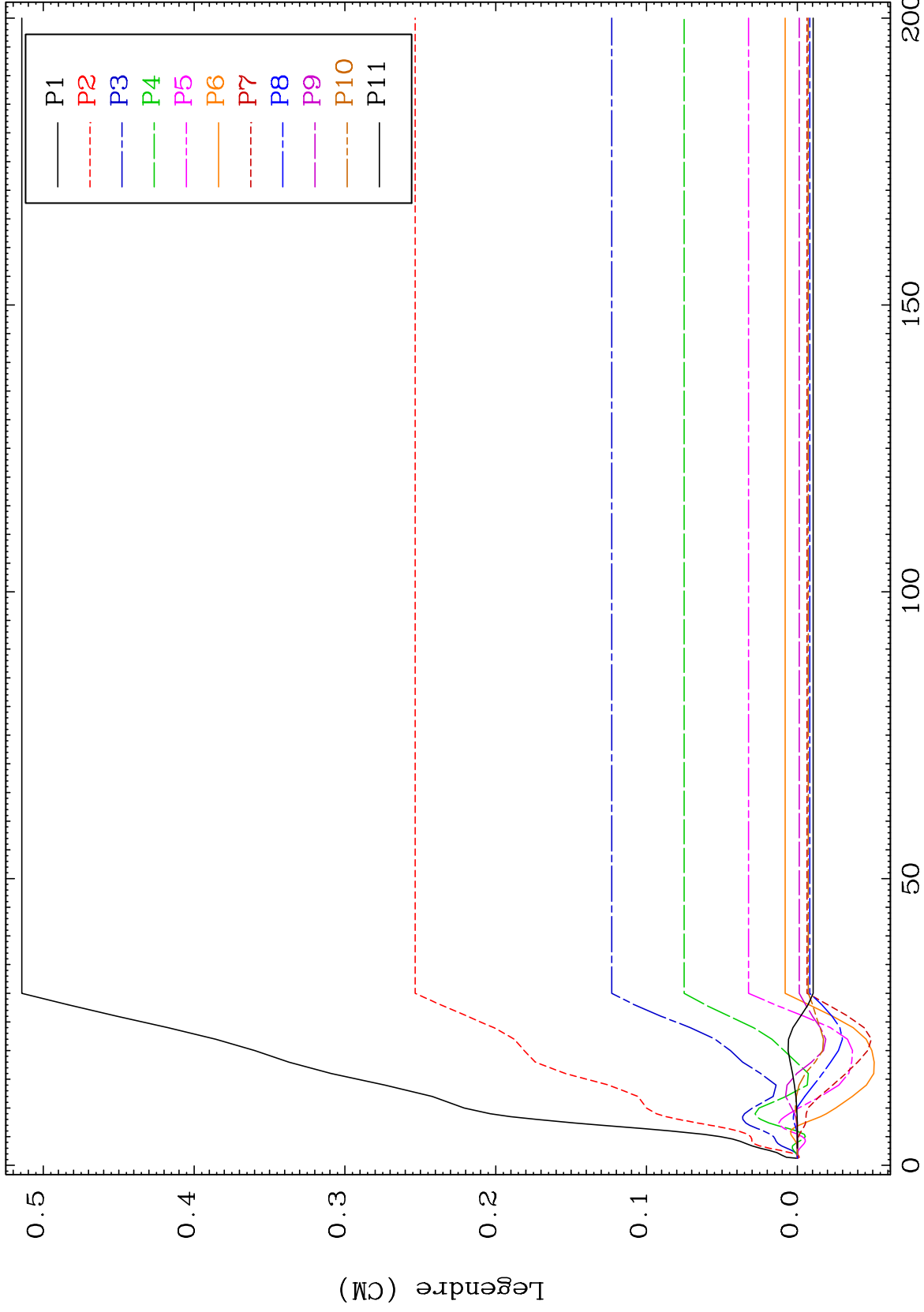




MAT 2725

1.190 MeV (n,n') Level
Legendre Coefficients

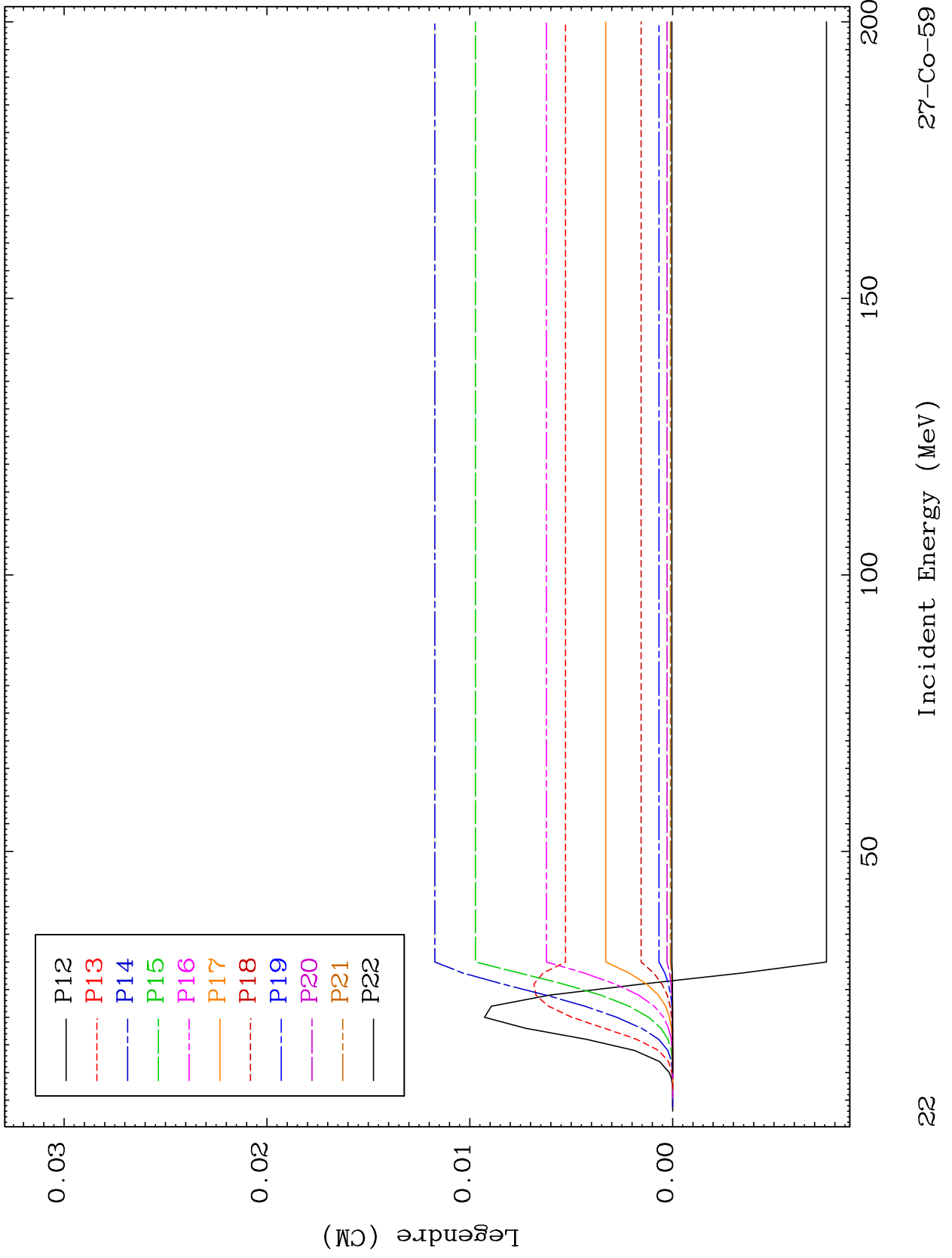
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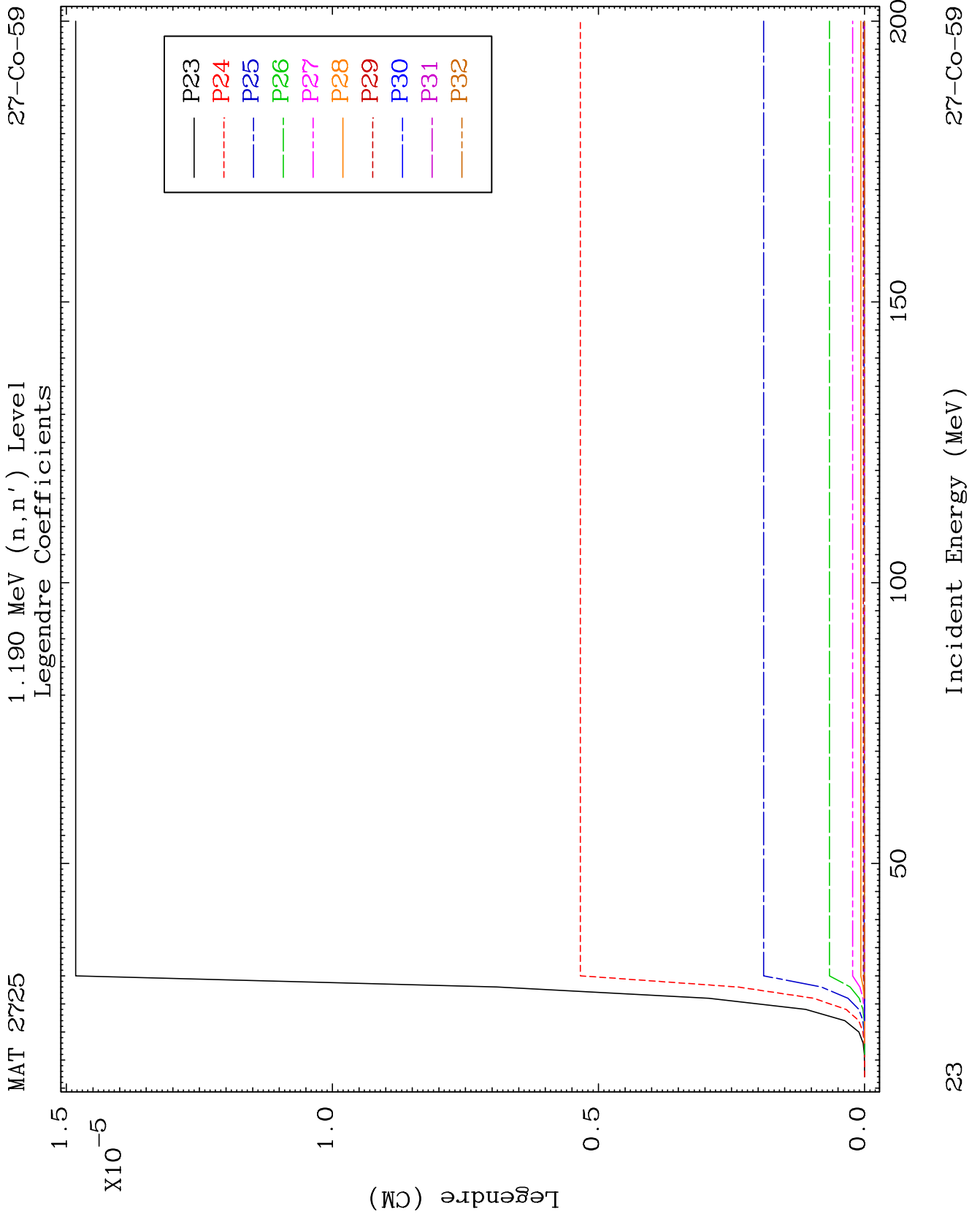


21

Incident Energy (MeV)

27-Co-59

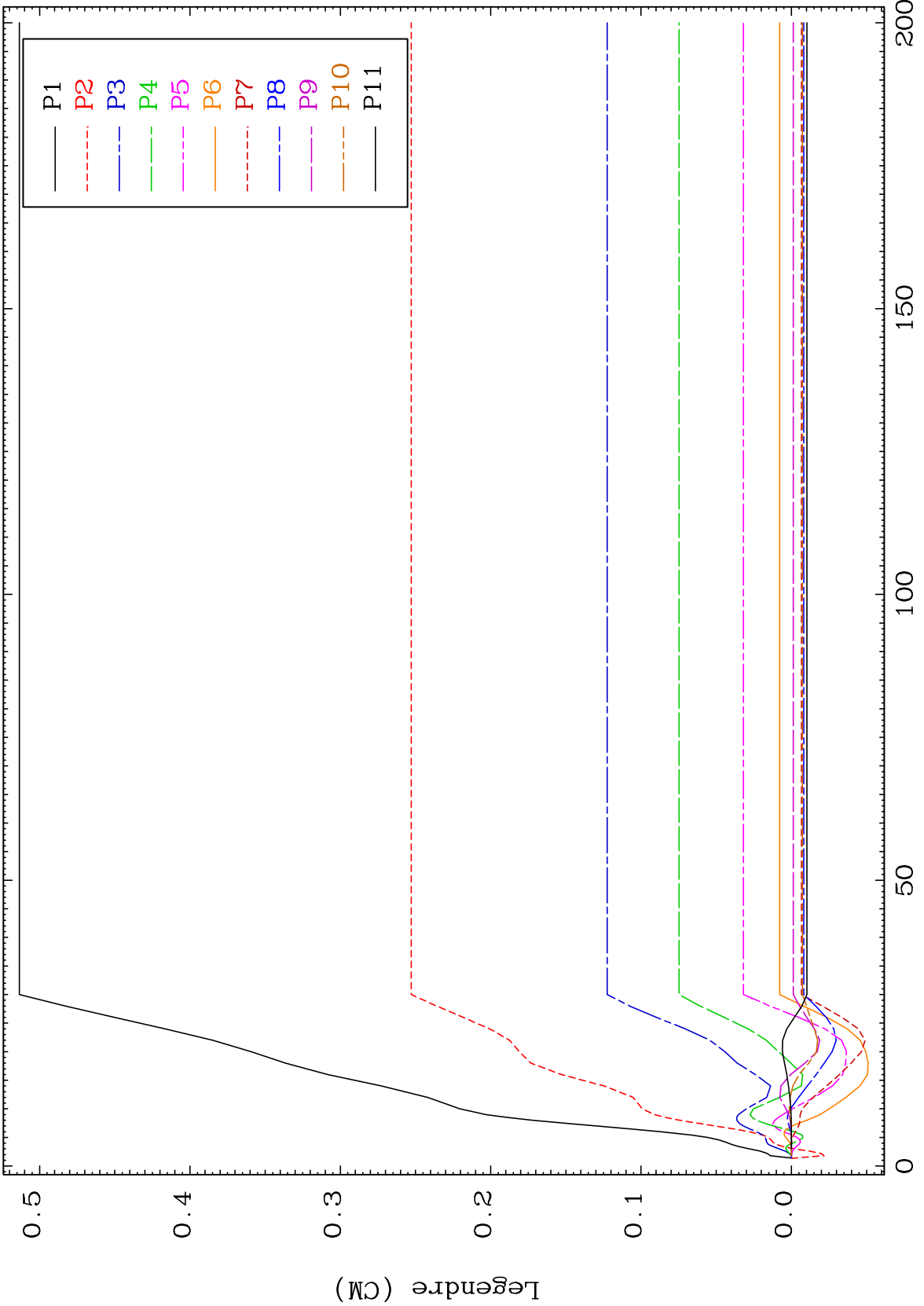




MAT 2725

1.292 MeV (n,n') Level
Legendre Coefficients

27-Co-59



24

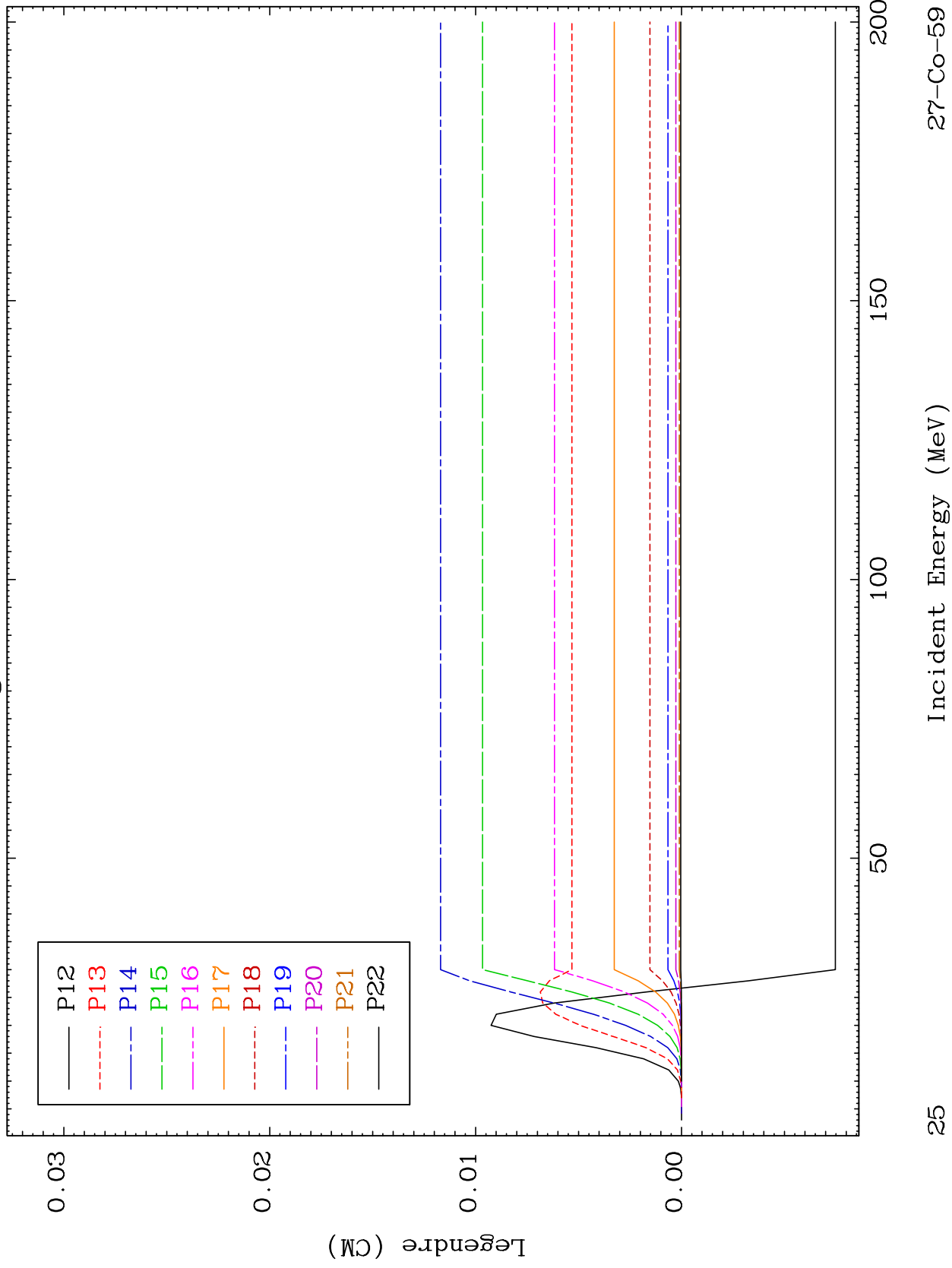
Incident Energy (MeV)

27-Co-59

MAT 2725

1.292 MeV (n,n') Level
Legendre Coefficients

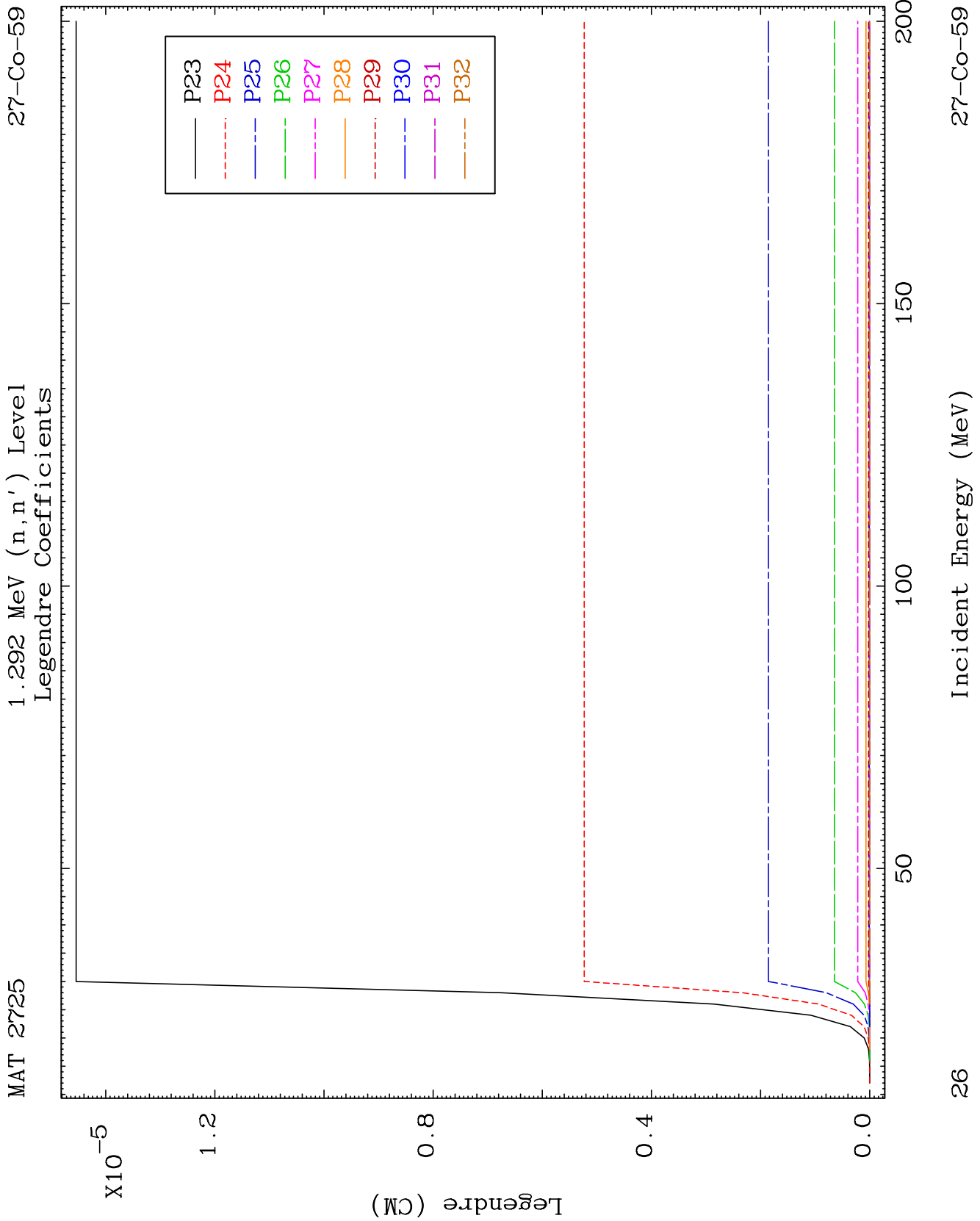
27-Co-59



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Incident Energy (MeV)

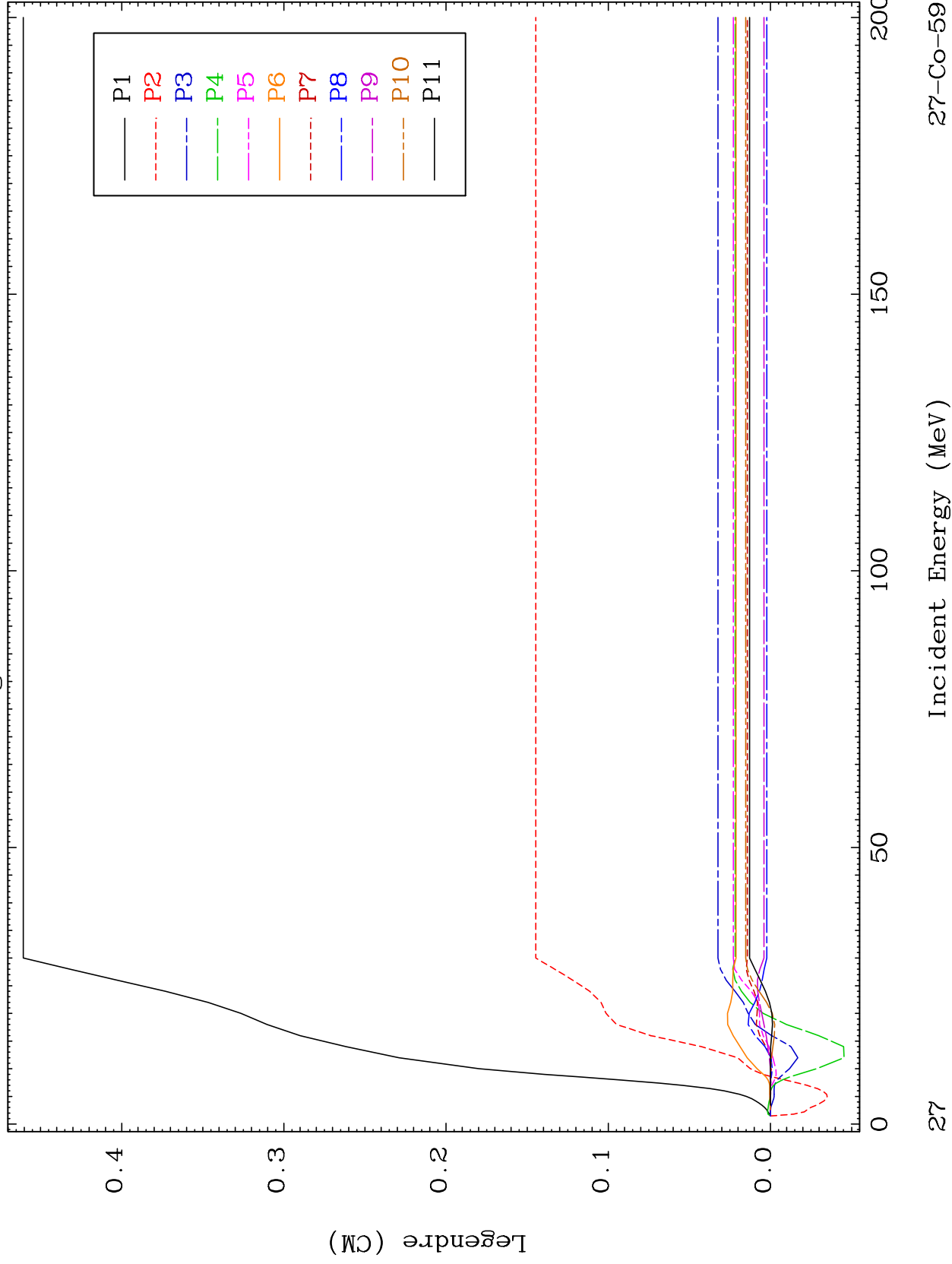
27-Co-59



MAT 2725

1.434 MeV (n,n') Level
Legendre Coefficients

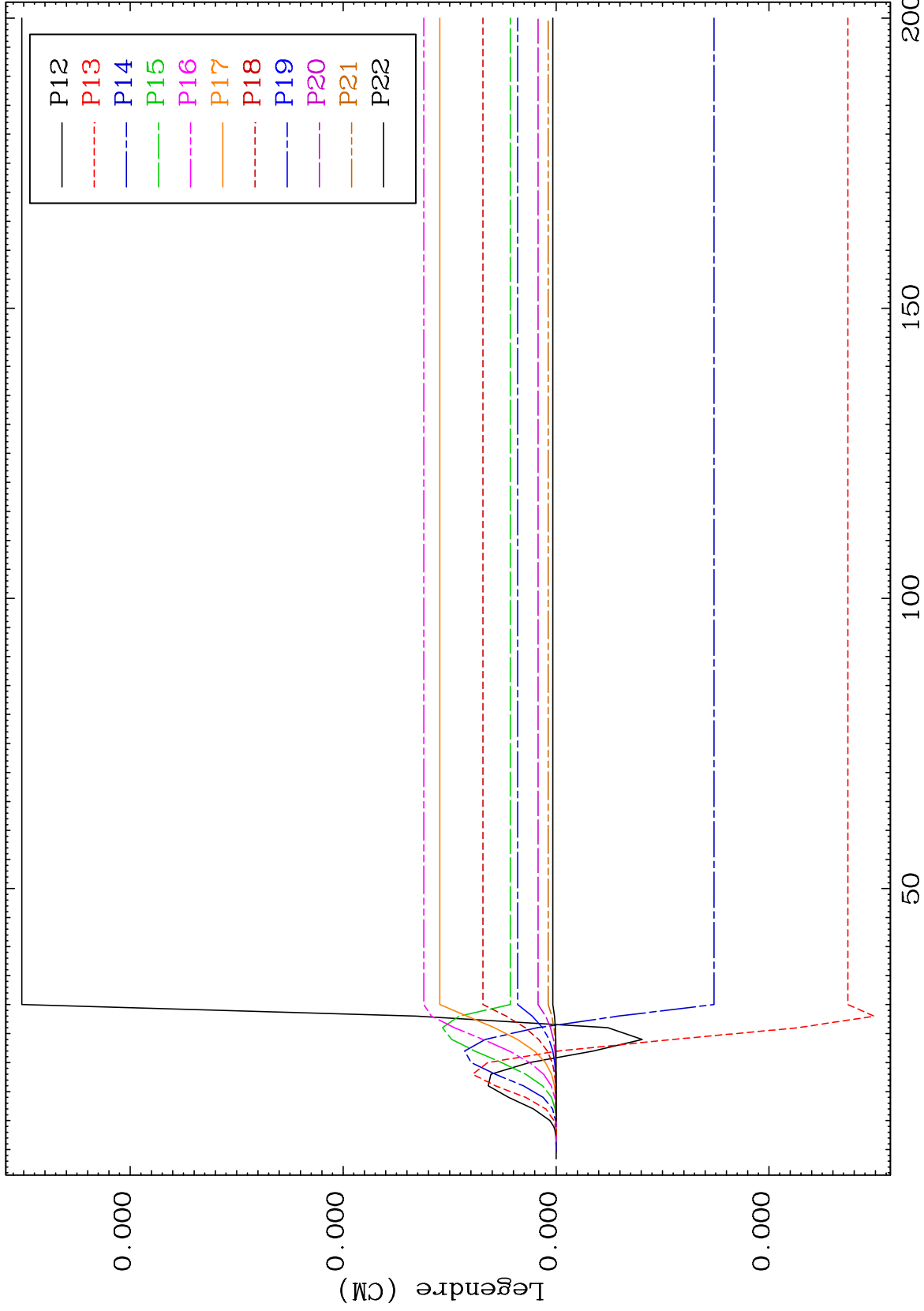
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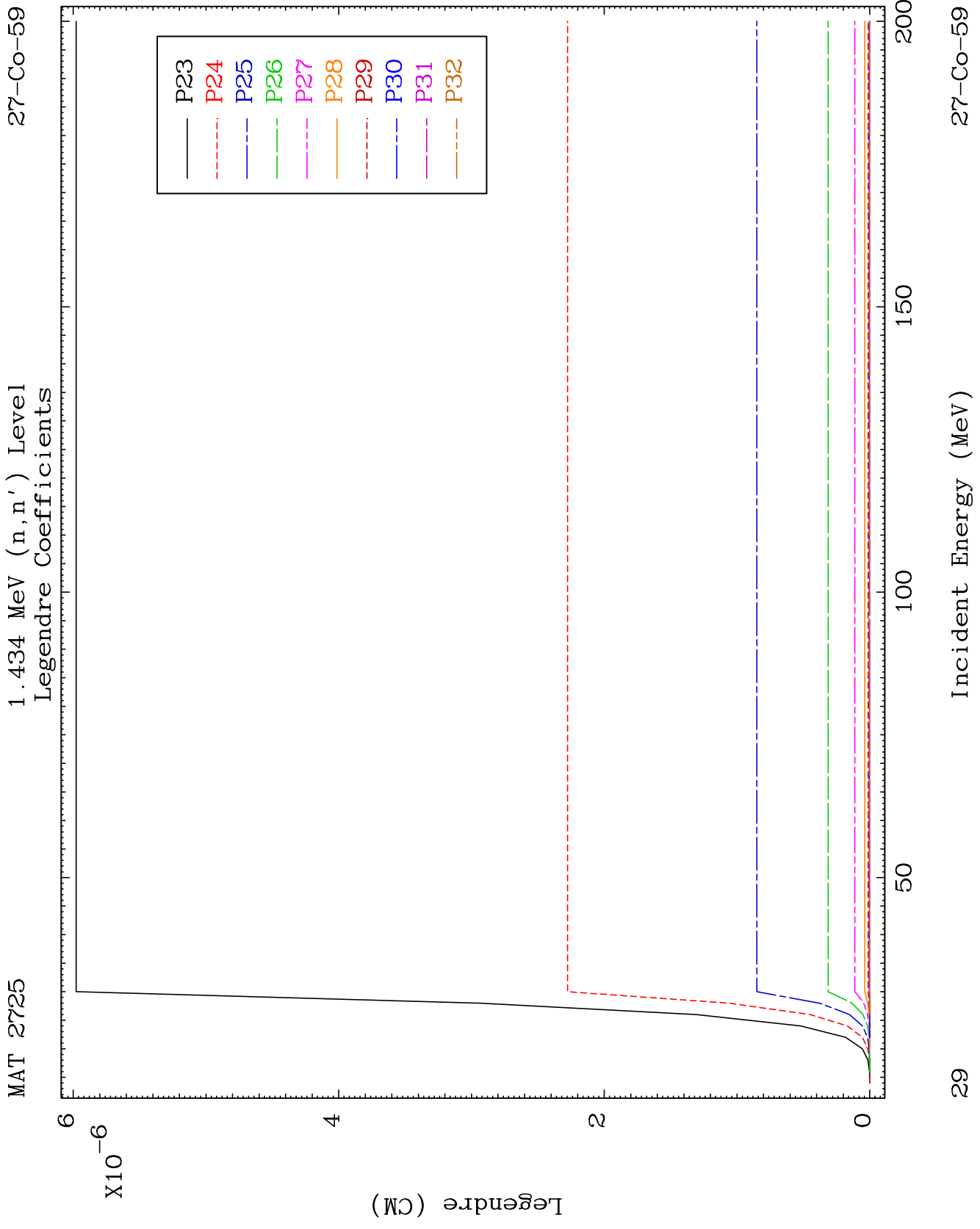


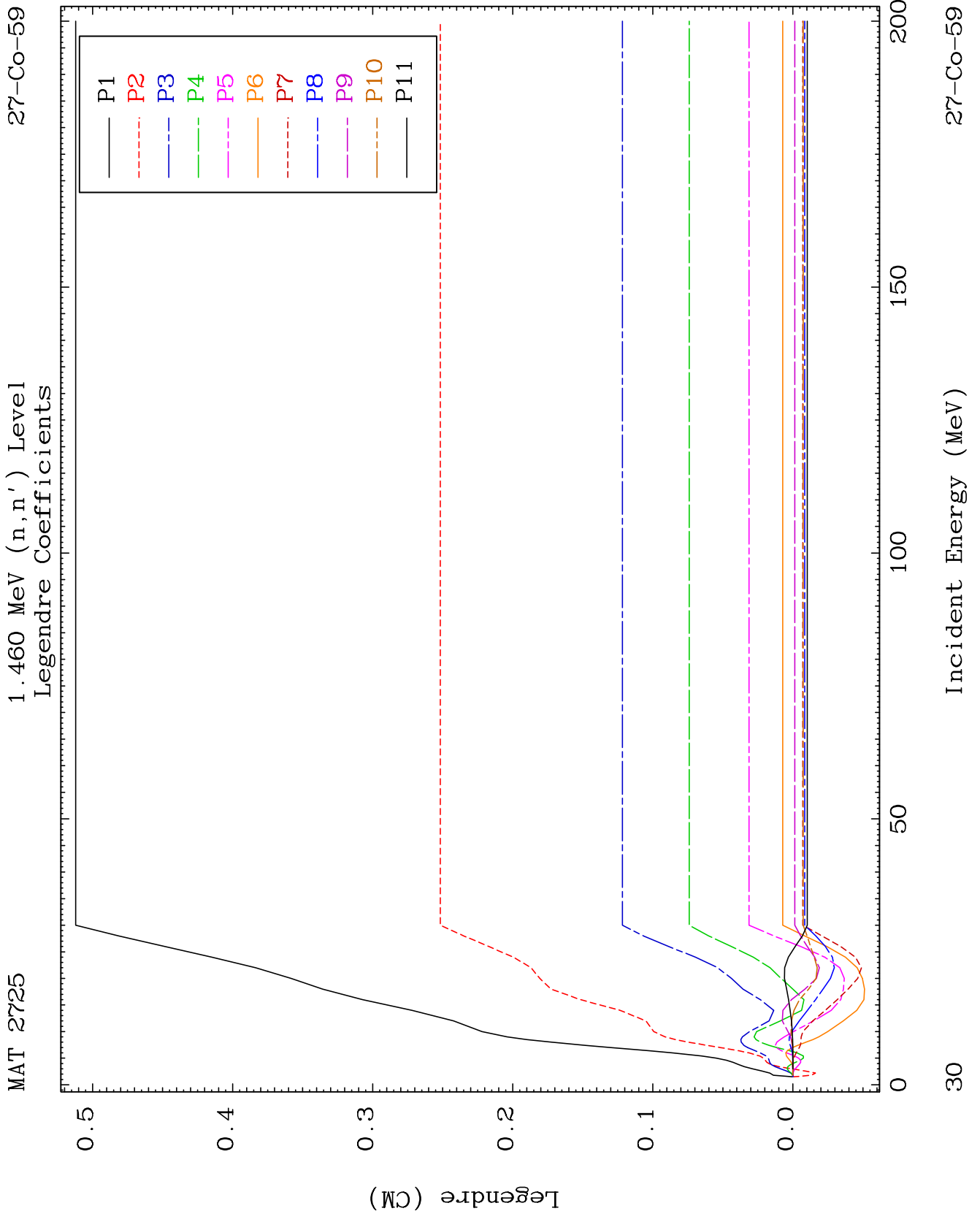
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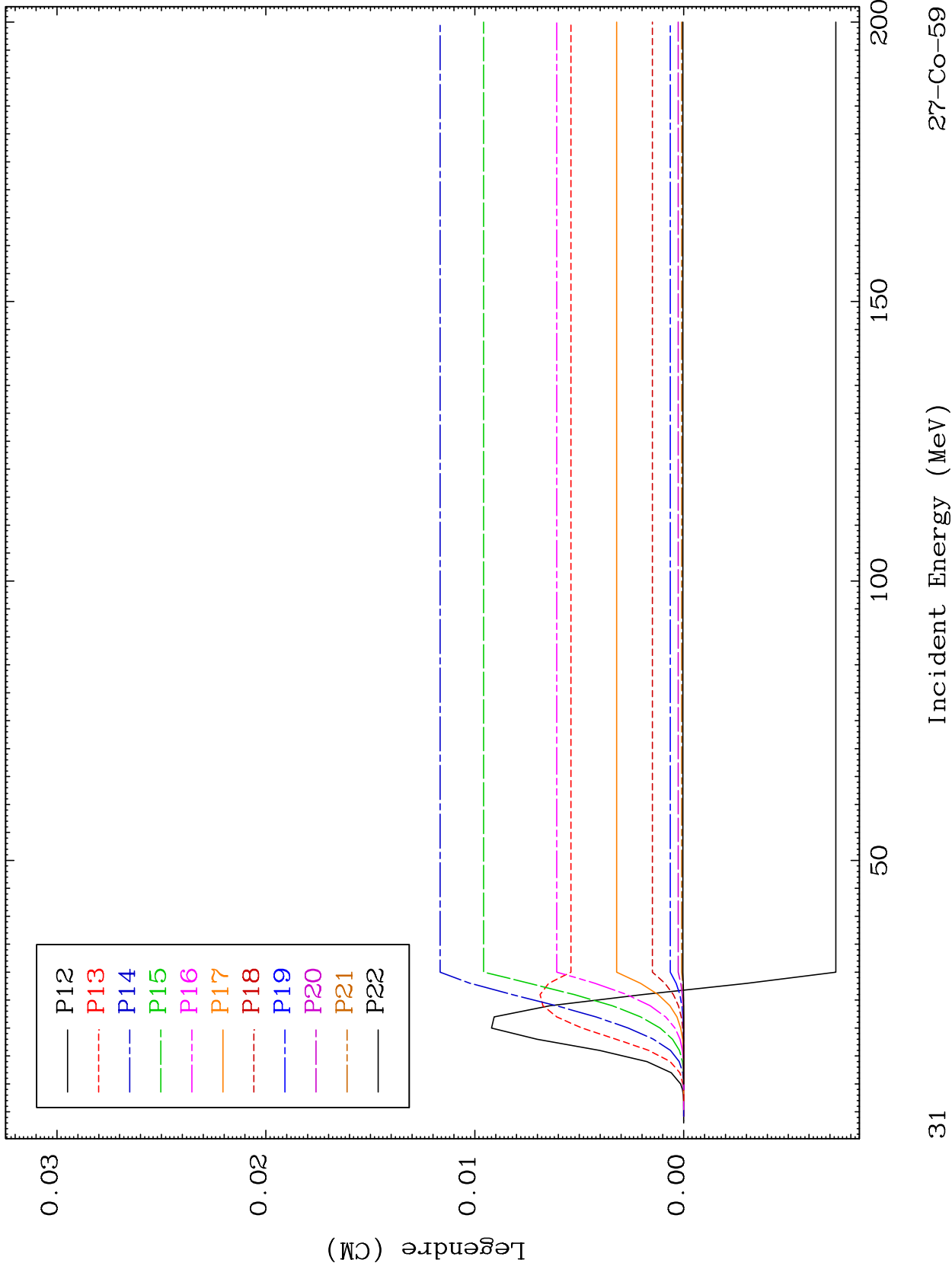
Incident Energy (MeV)

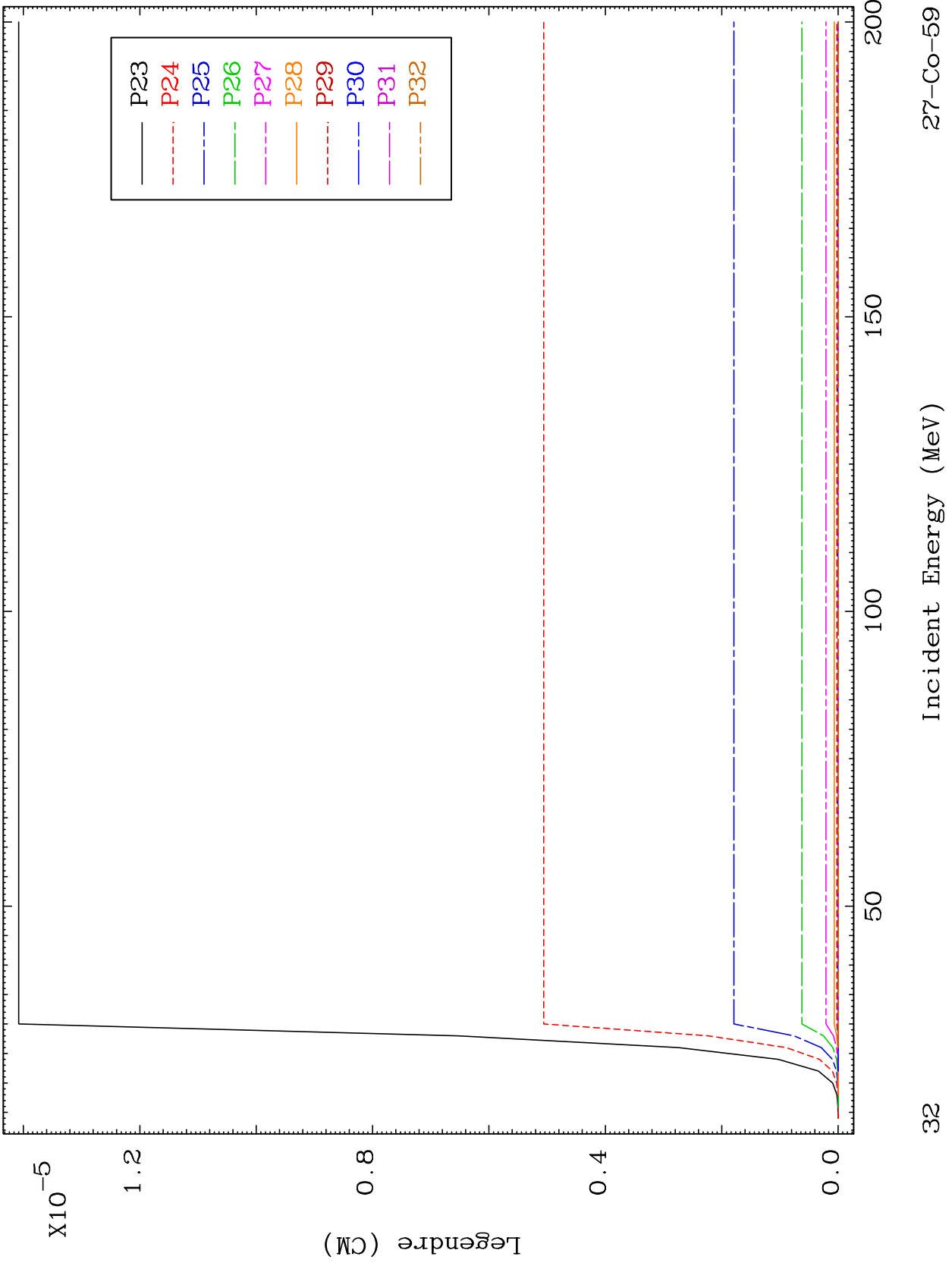
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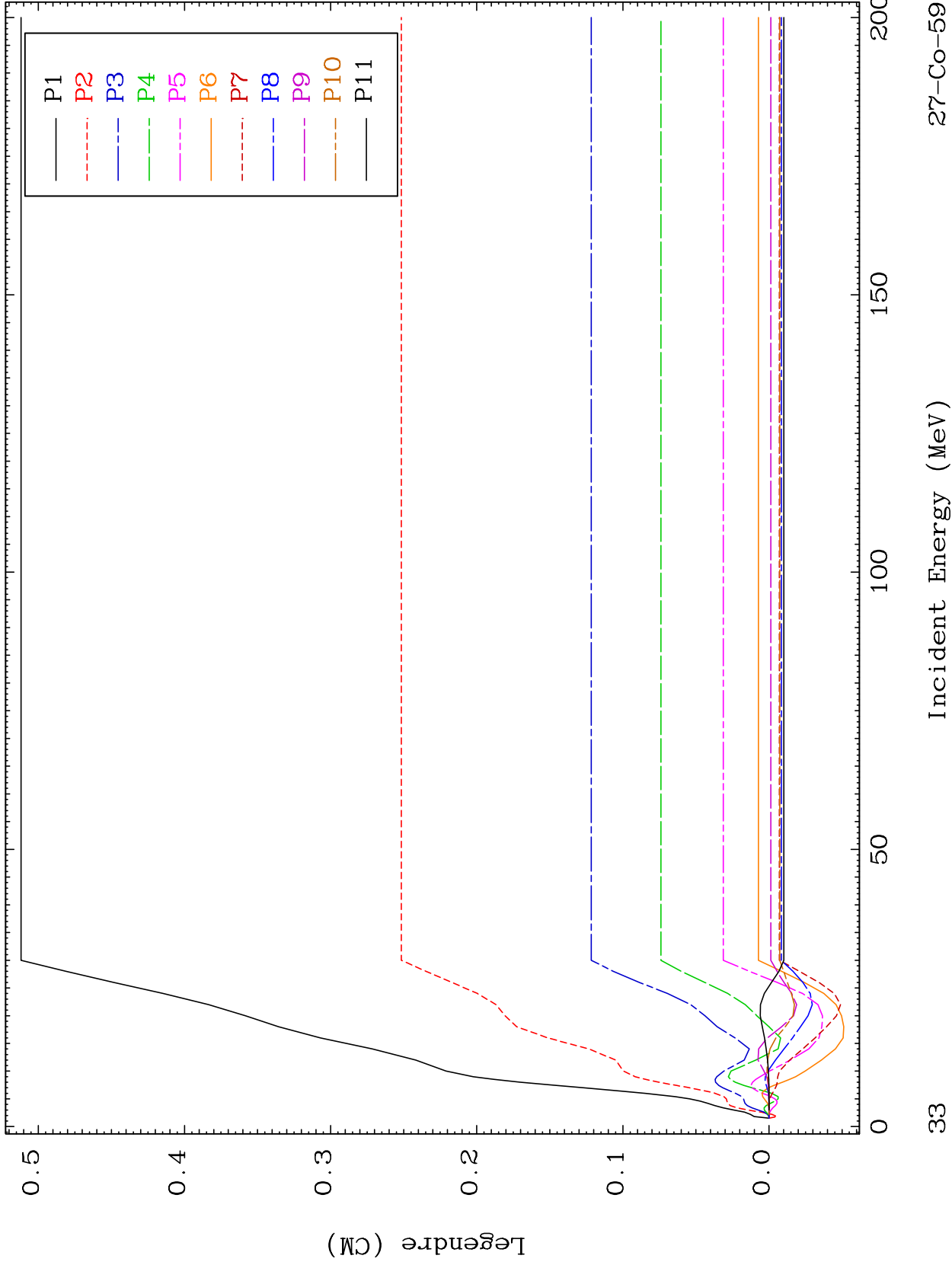




MAT 2725

1.482 MeV (n,n') Level
Legendre Coefficients

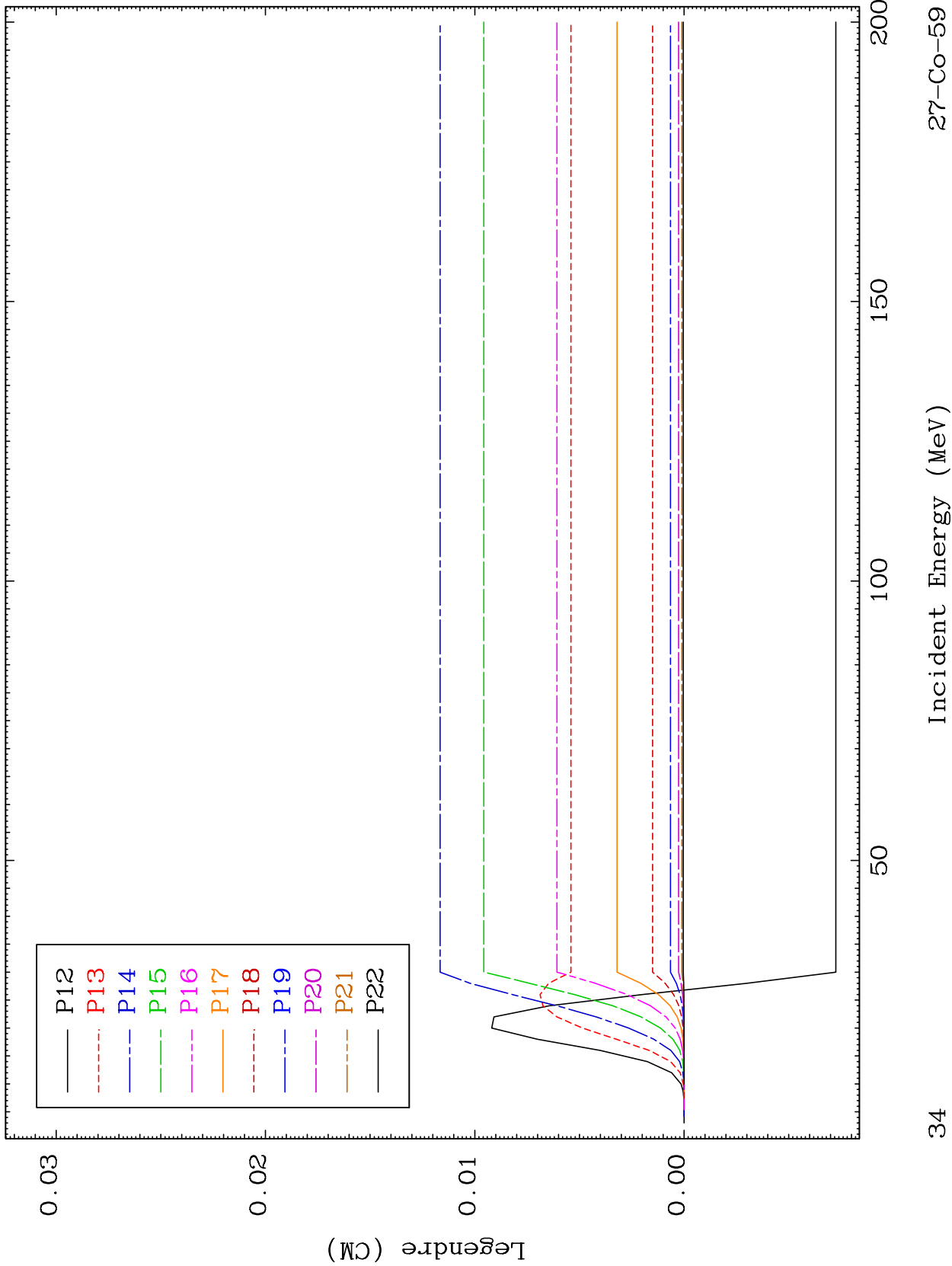
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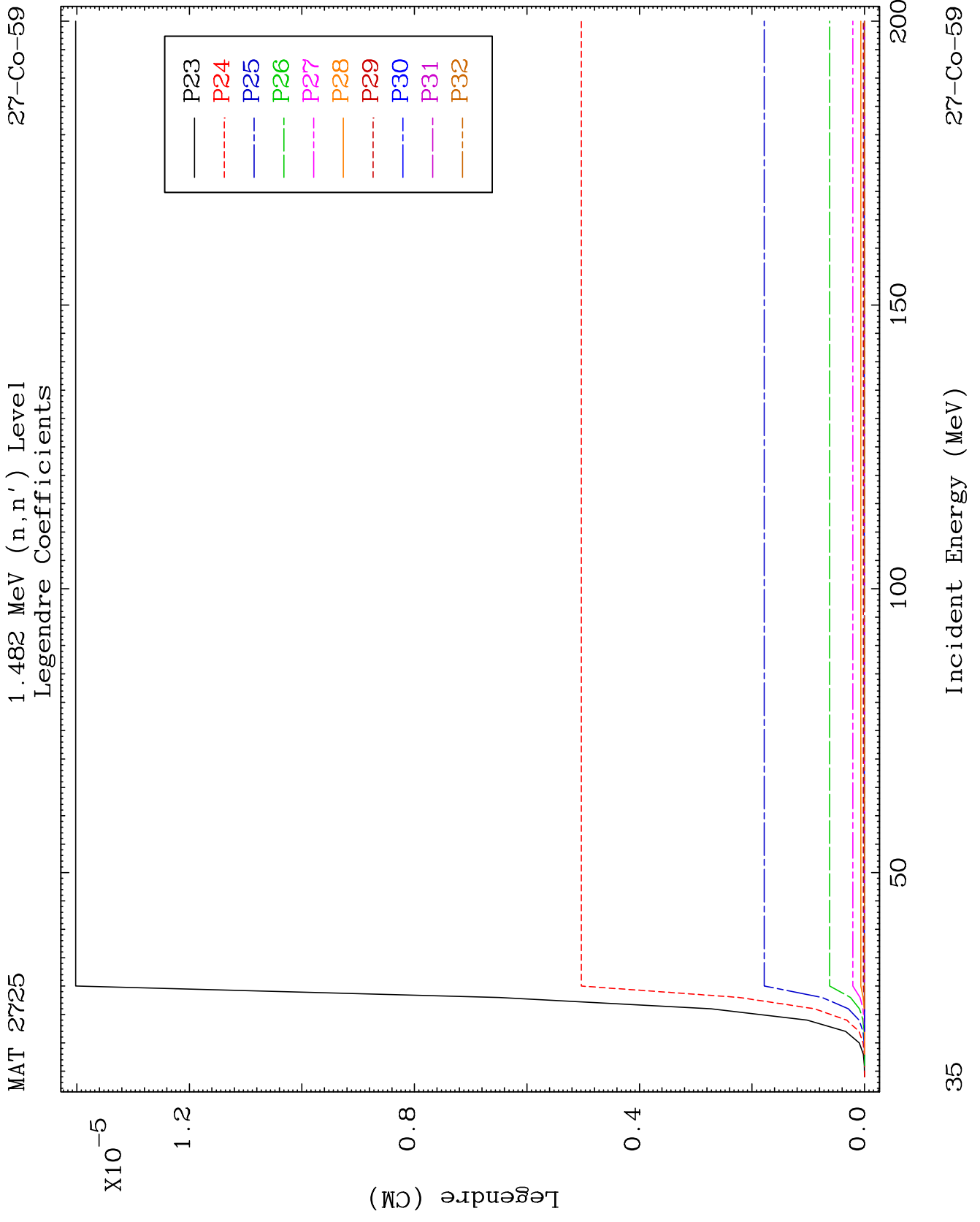


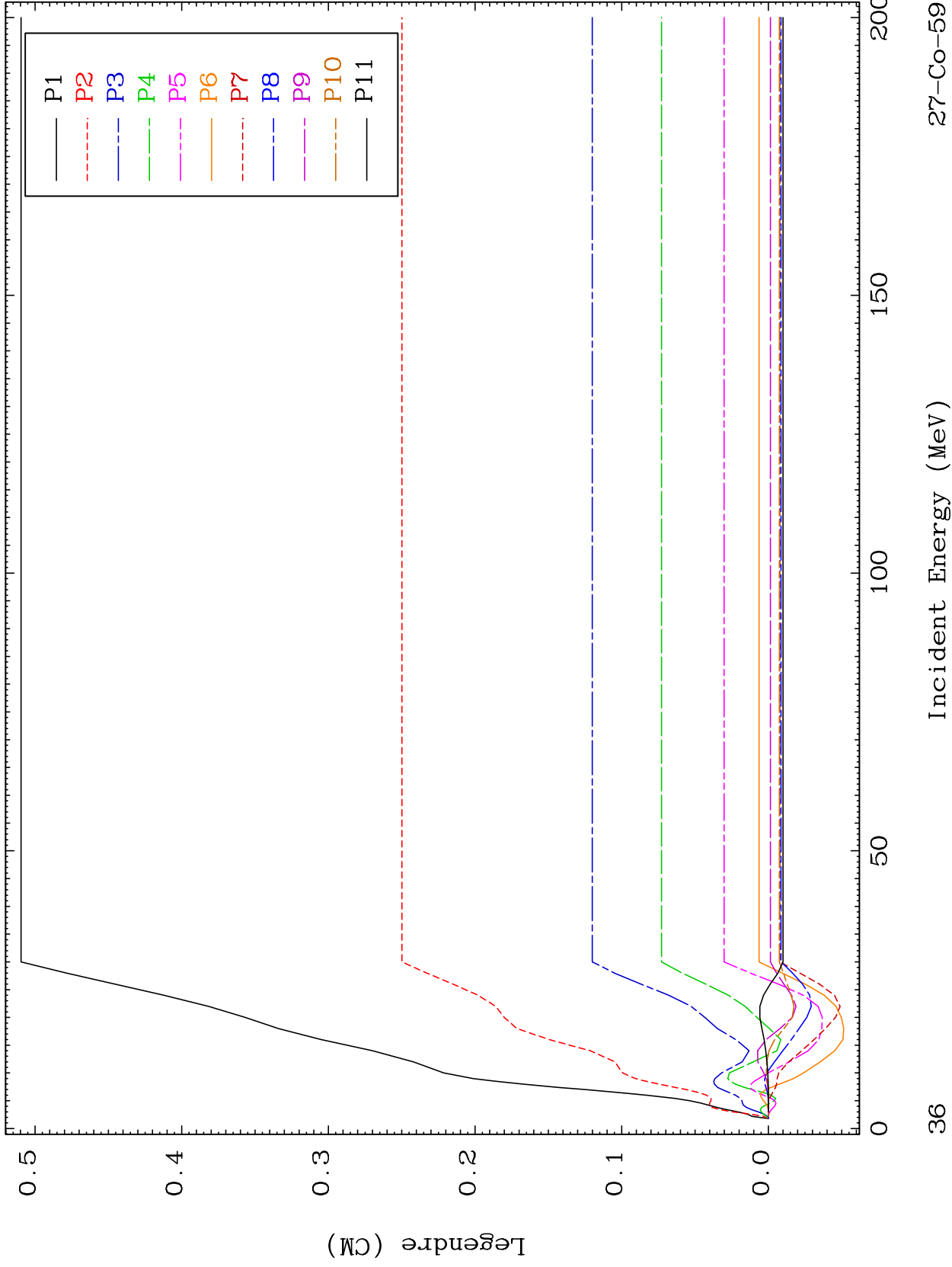
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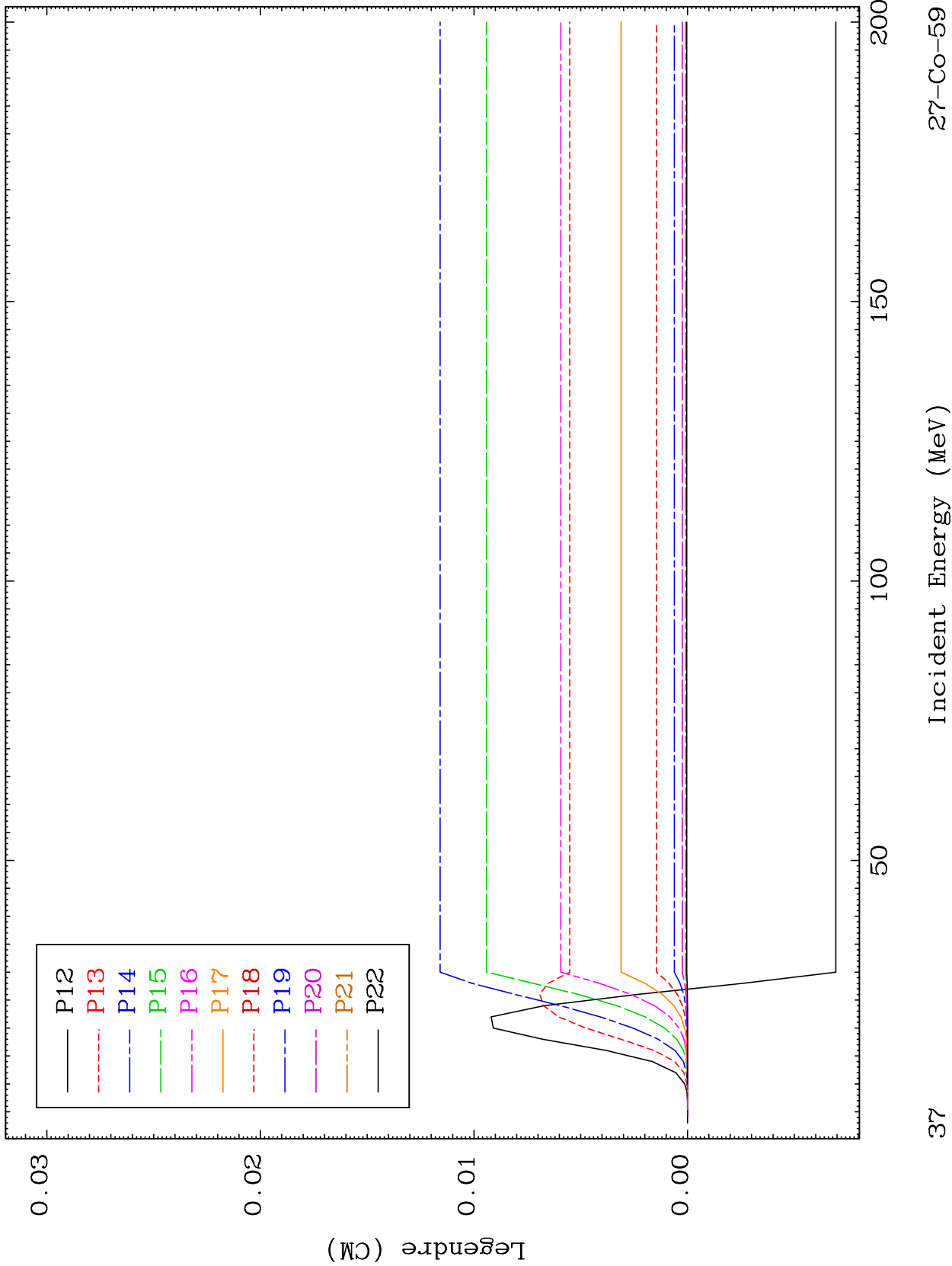
Incident Energy (MeV)

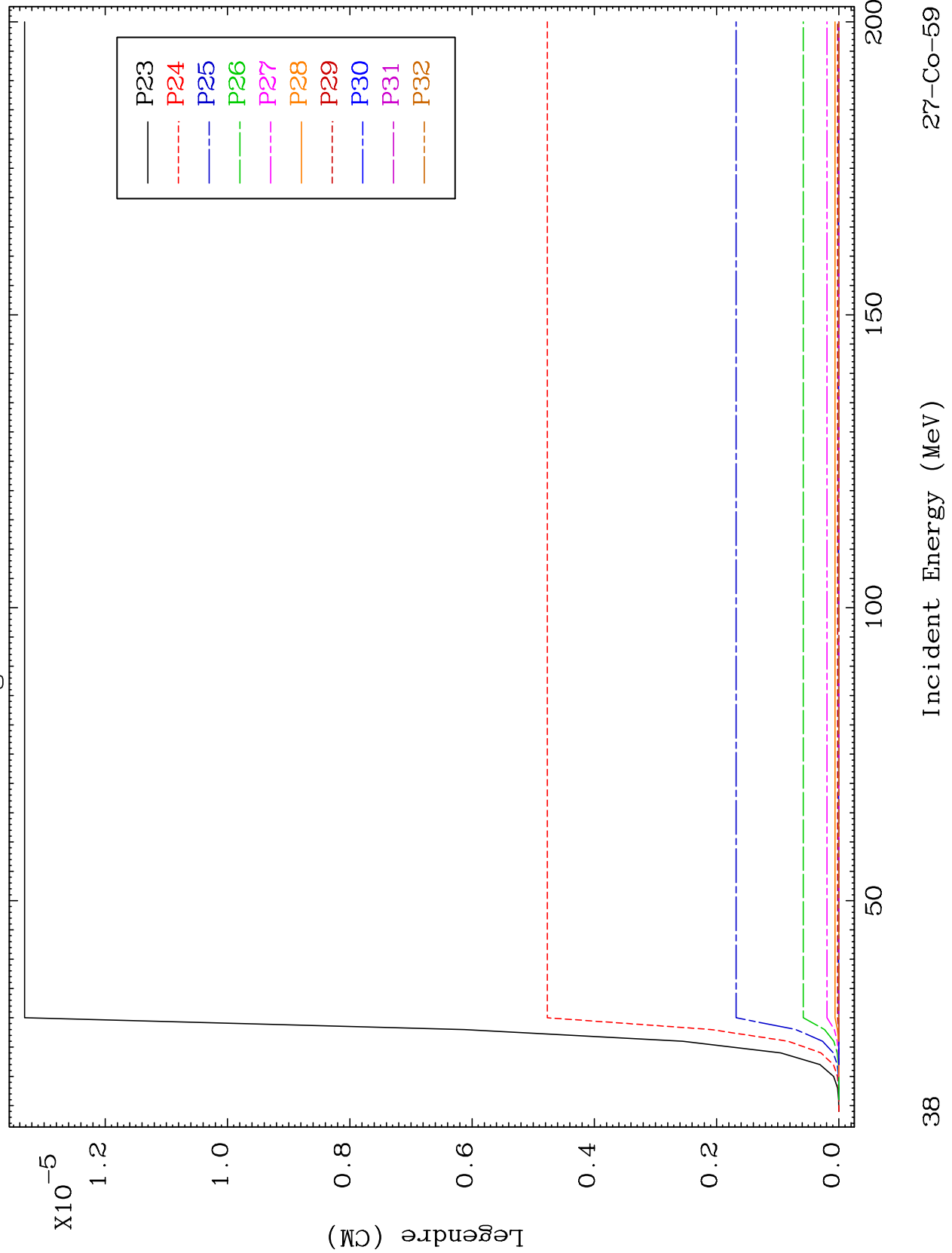
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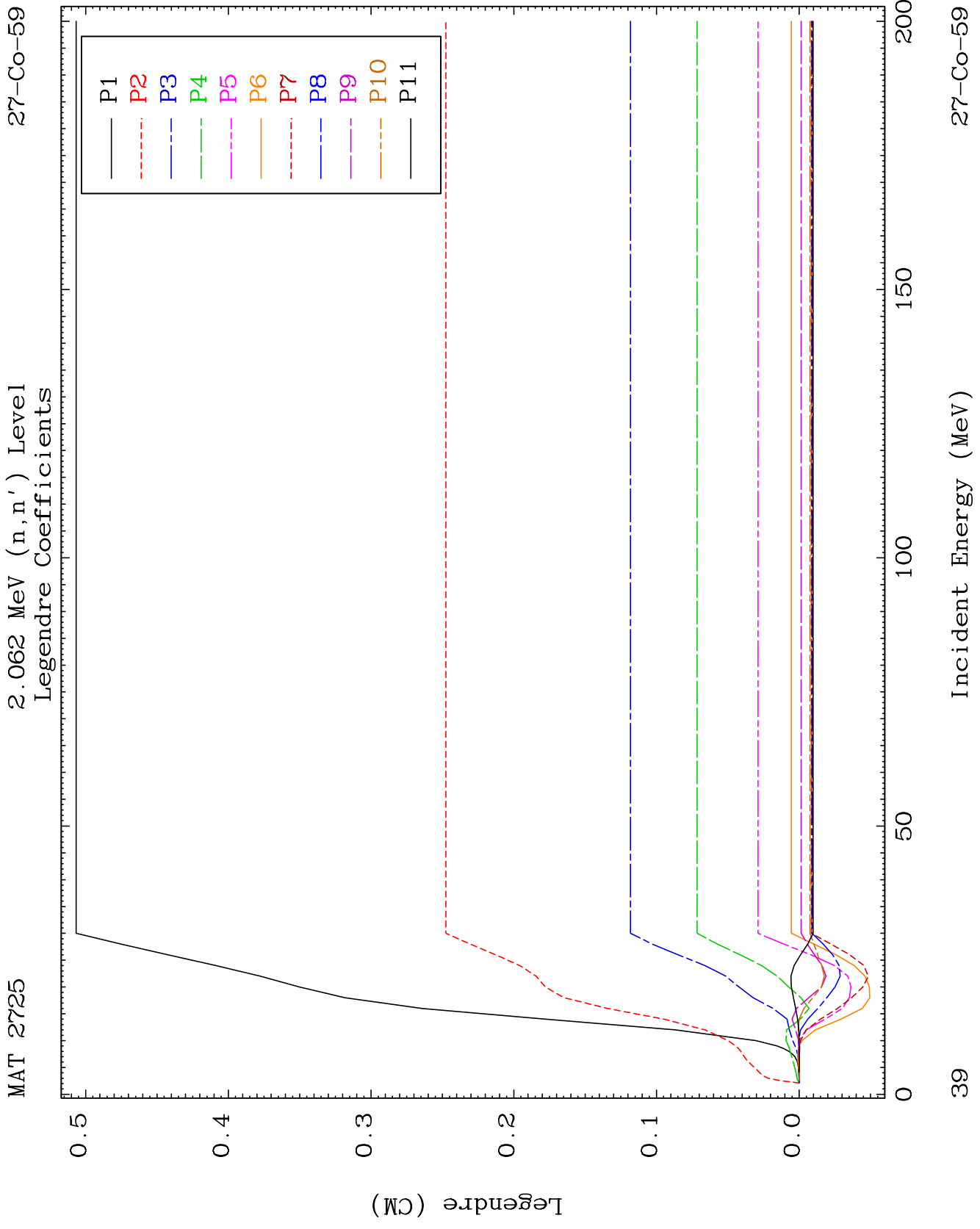








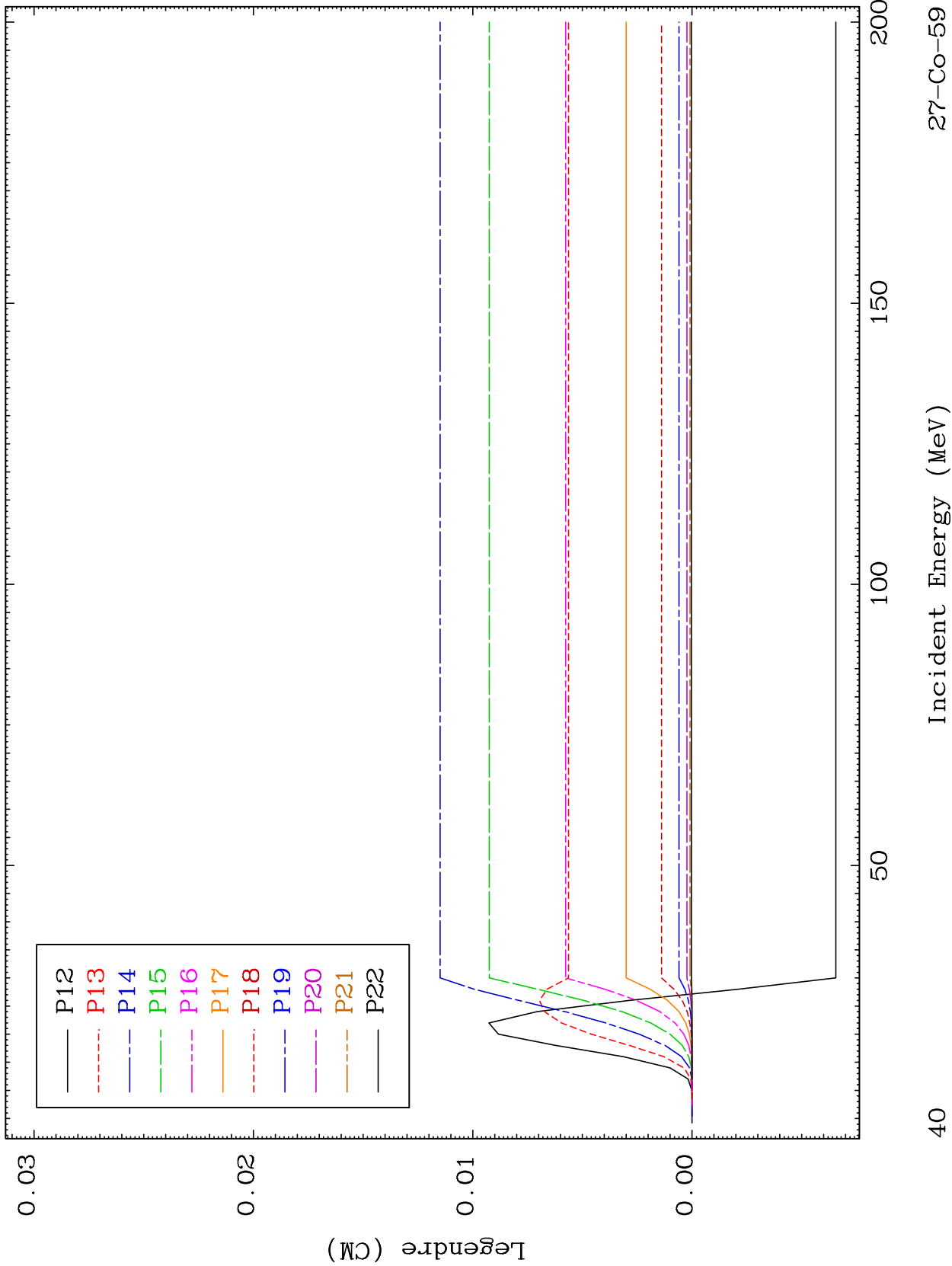


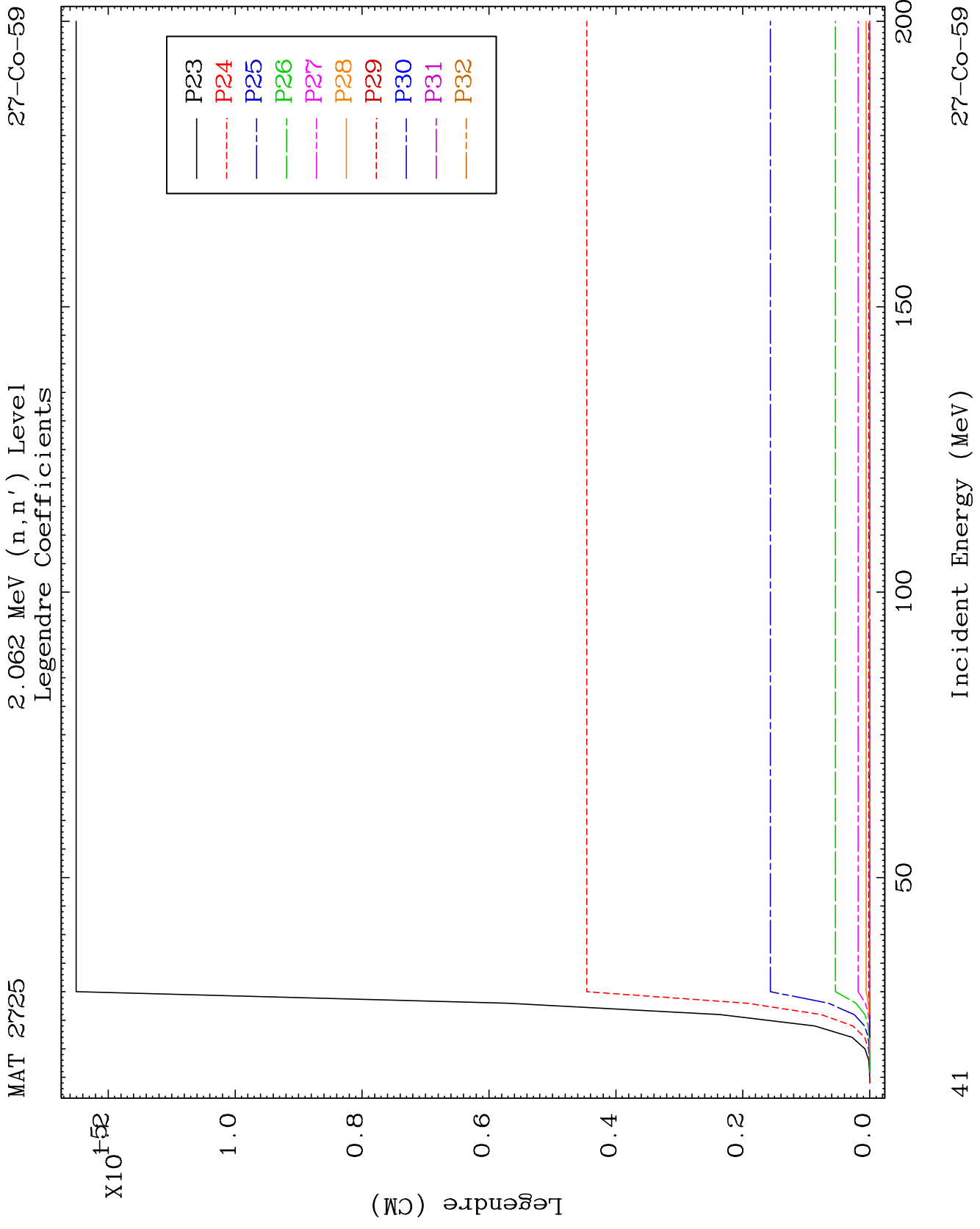


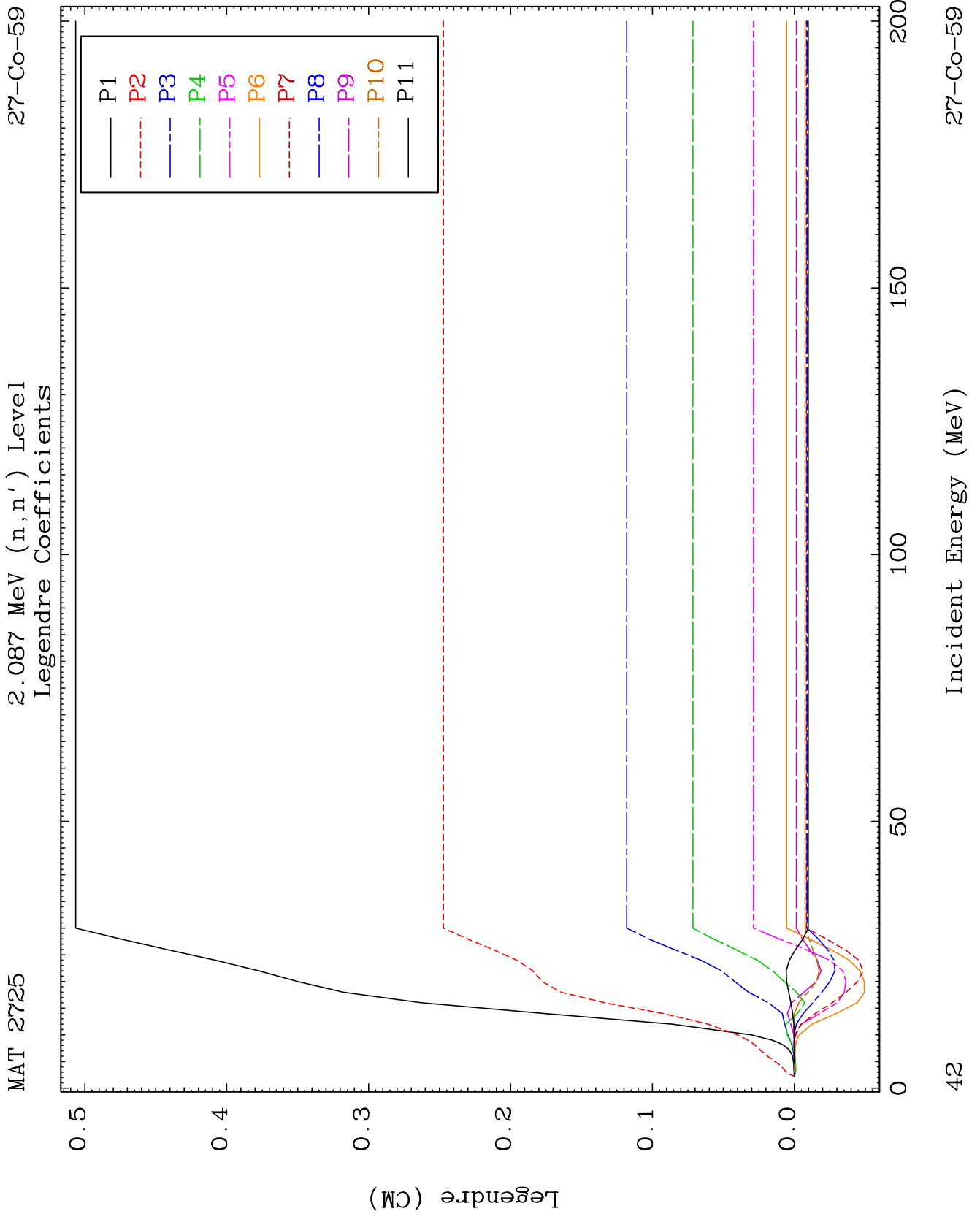
MAT 2725

2.062 MeV (n,n') Level
Legendre Coefficients

27-Co-59



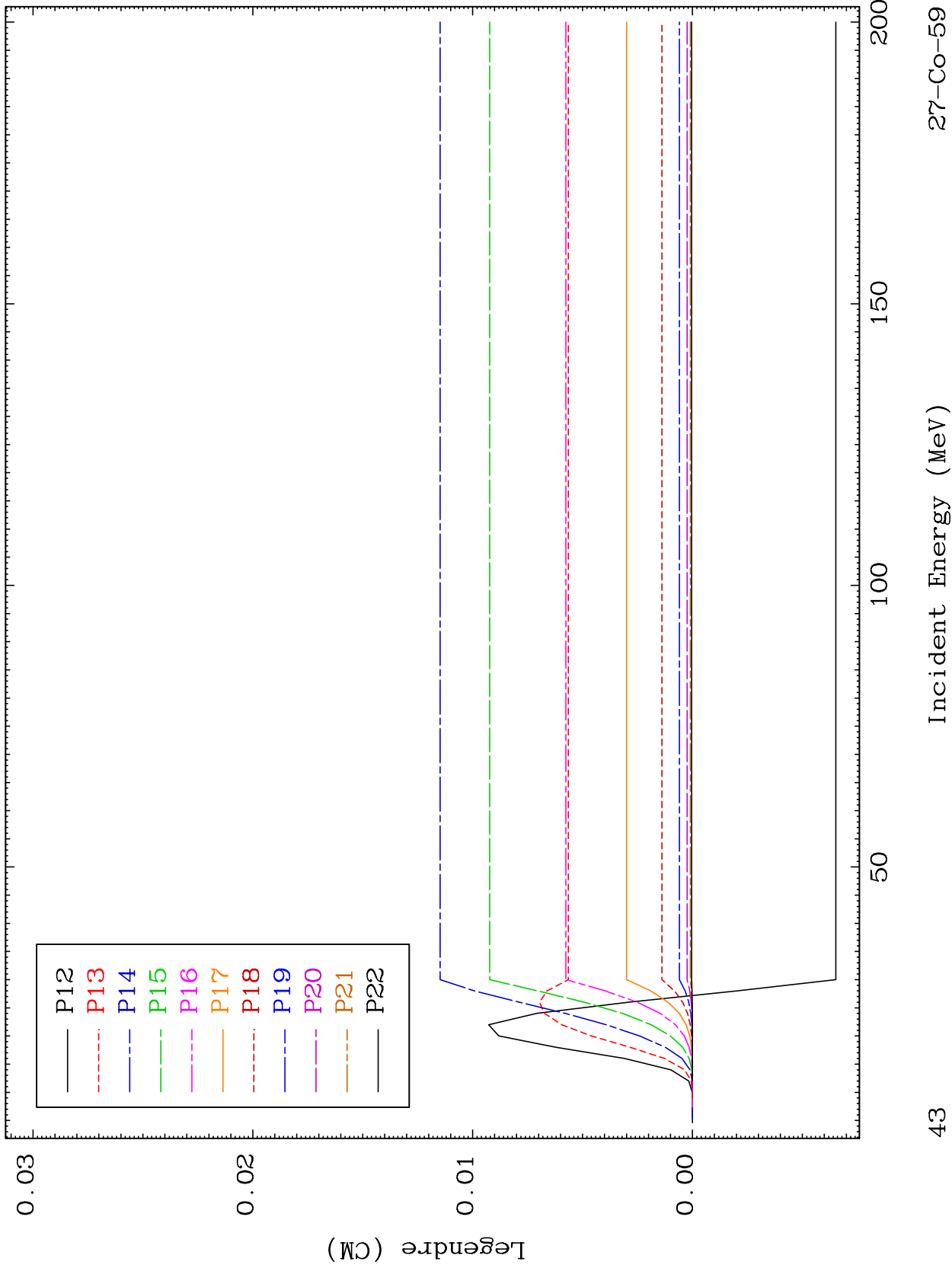




MAT 2725

2.087 MeV (n,n') Level
Legendre Coefficients

27-Co-59



43

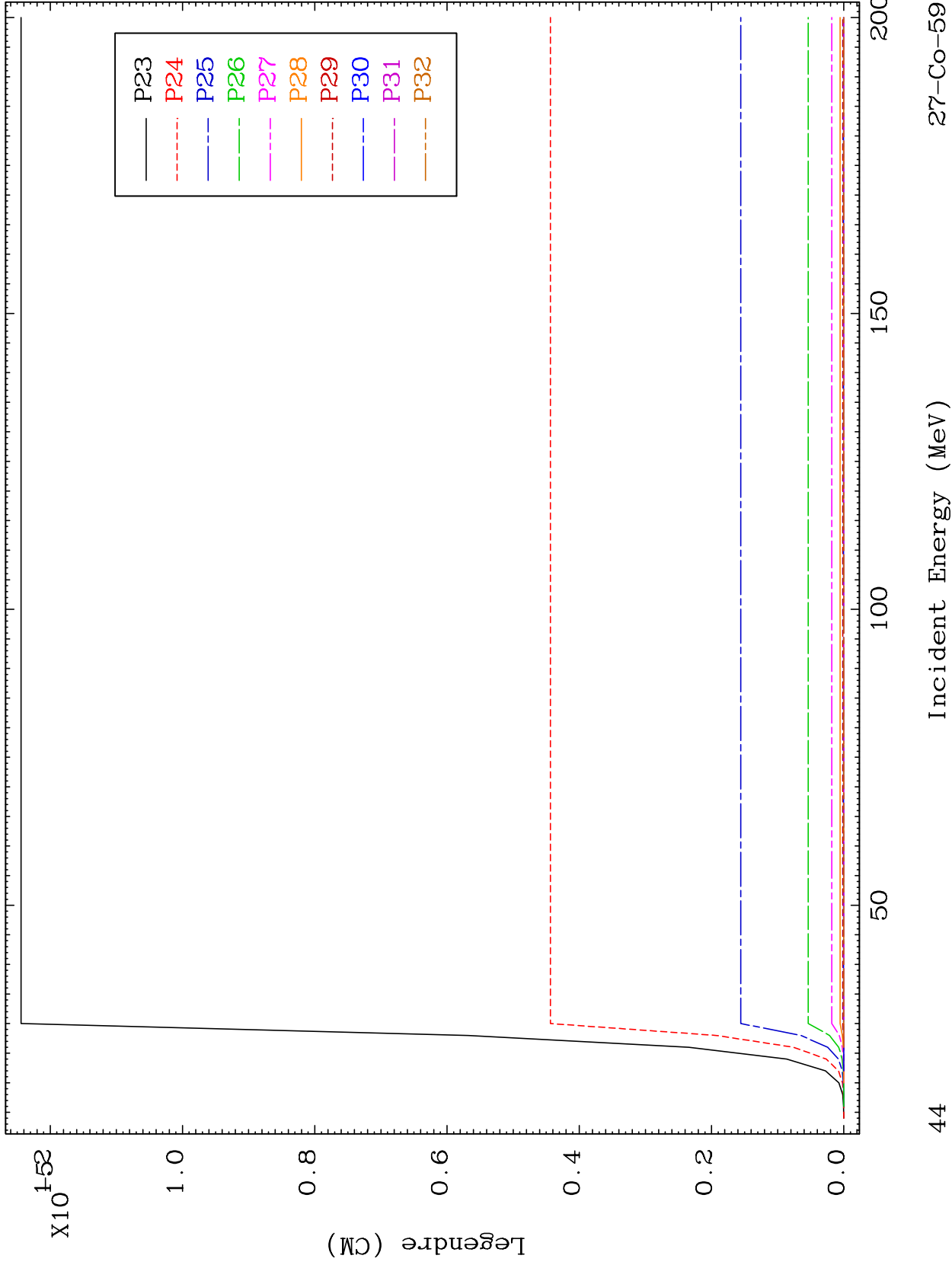
Incident Energy (MeV)

27-Co-59

MAT 2725

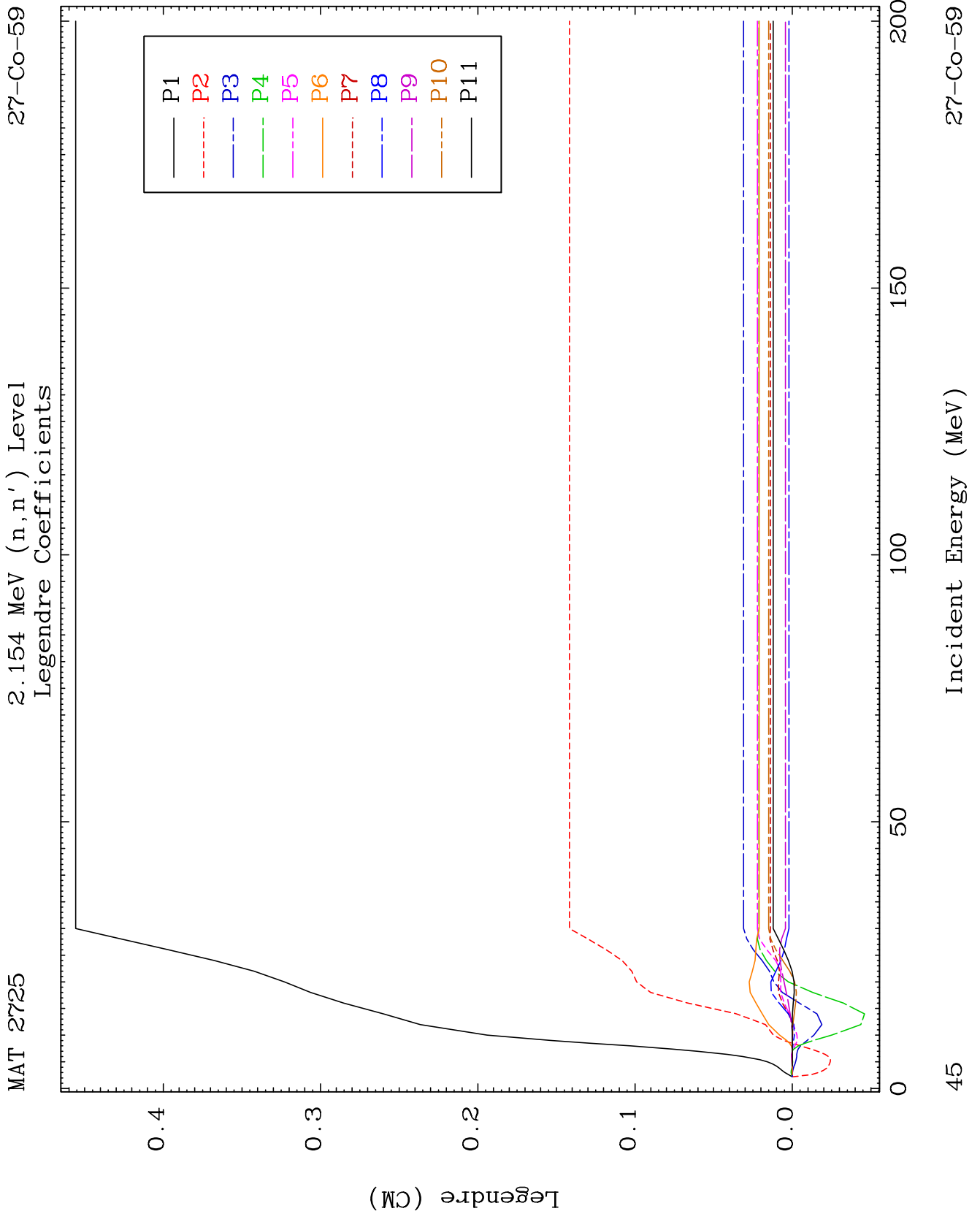
2.087 MeV (n,n') Level
Legendre Coefficients

27-Co-59



44

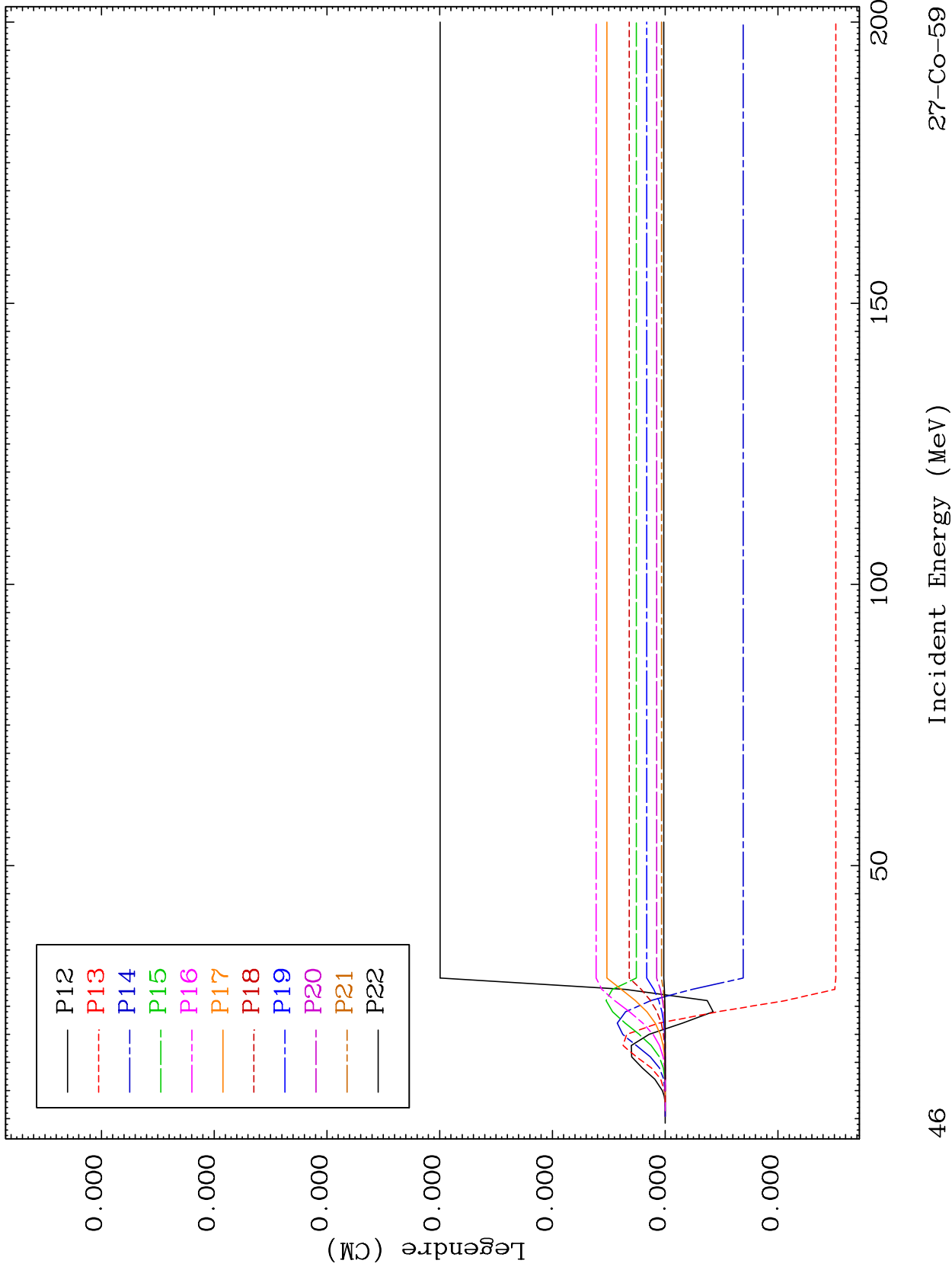
27-Co-59



MAT 2725

2.154 MeV (n,n') Level
Legendre Coefficients

27-Co-59



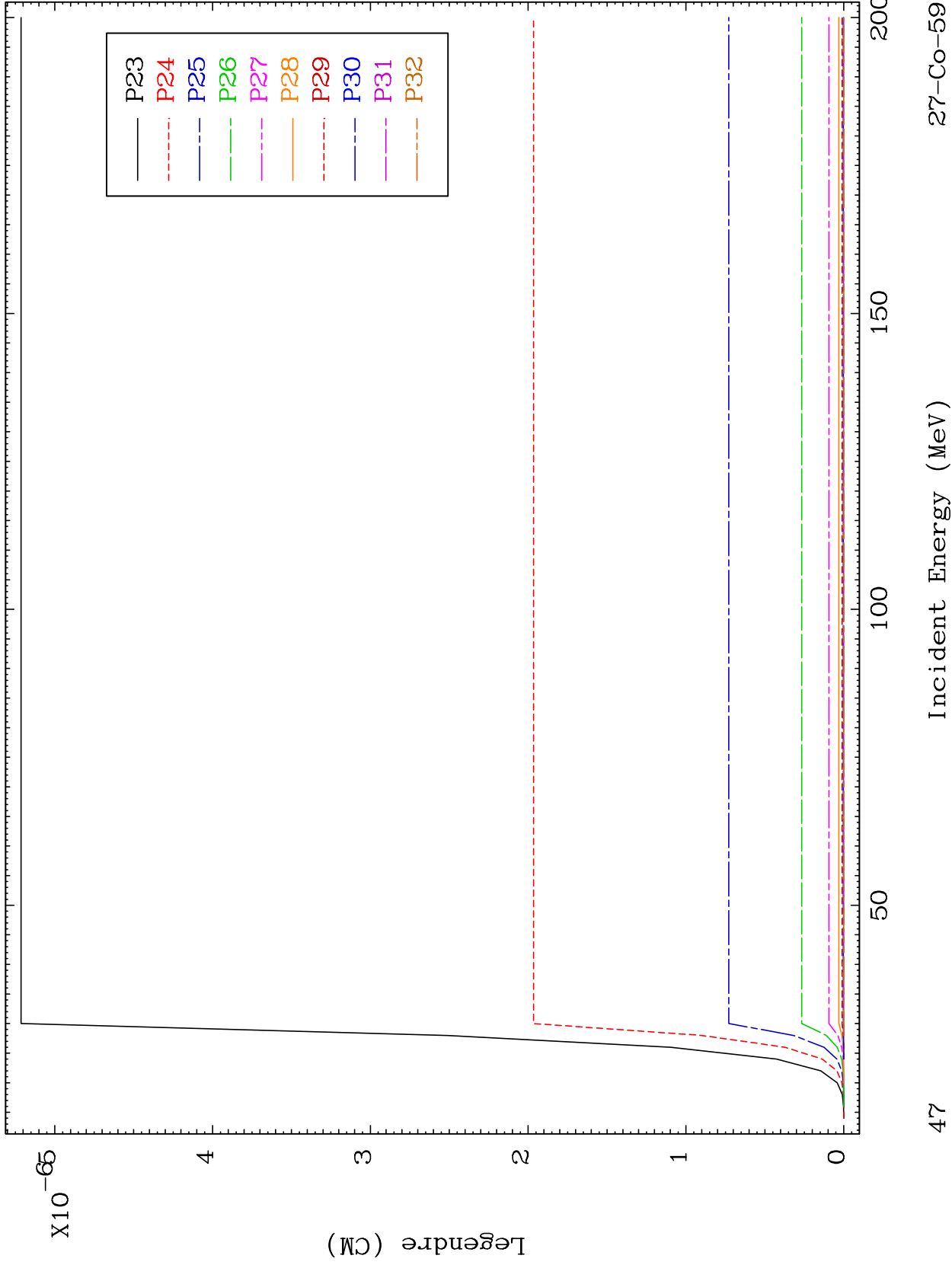
46

27-Co-59

MAT 2725

2.154 MeV (n,n') Level
Legendre Coefficients

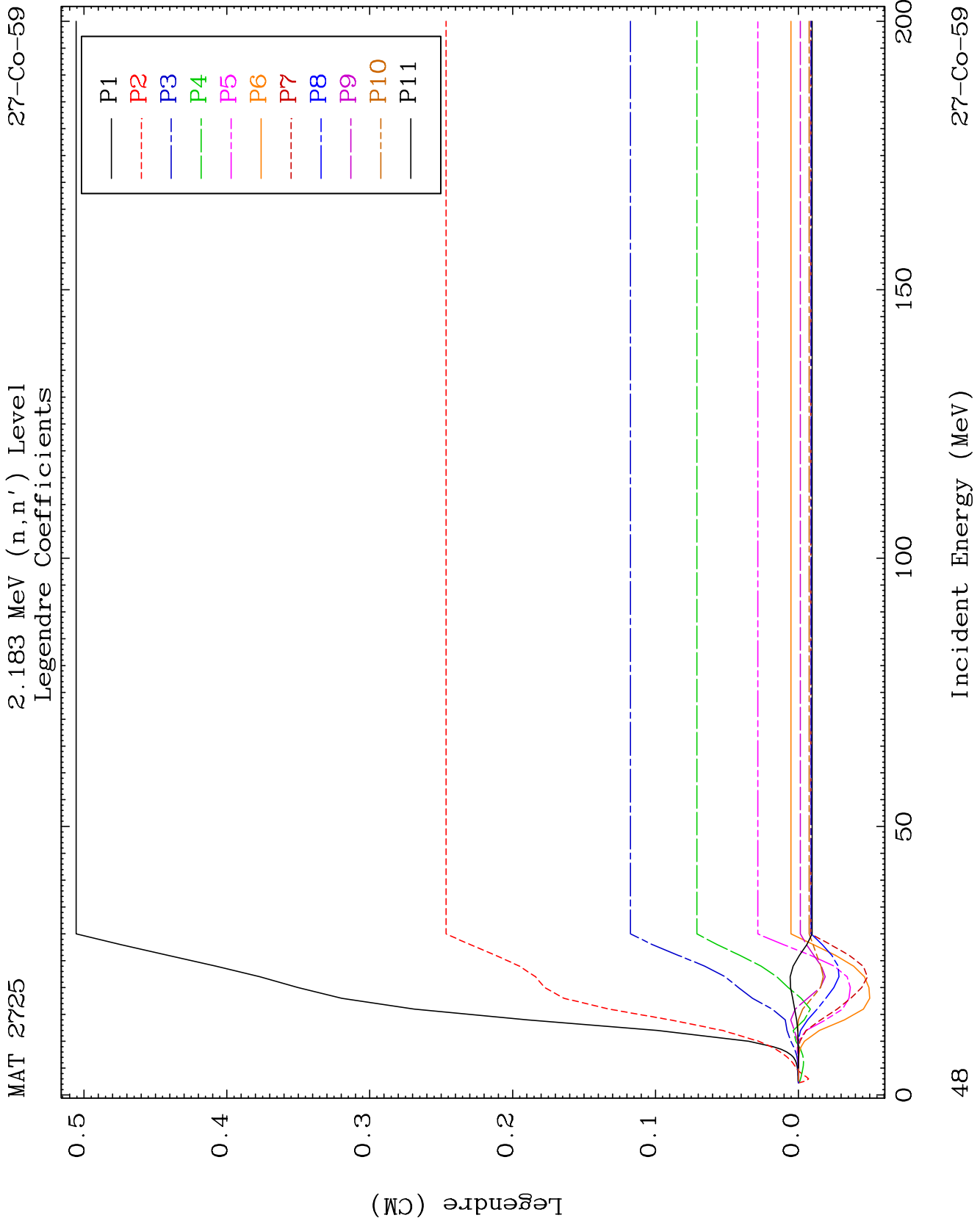
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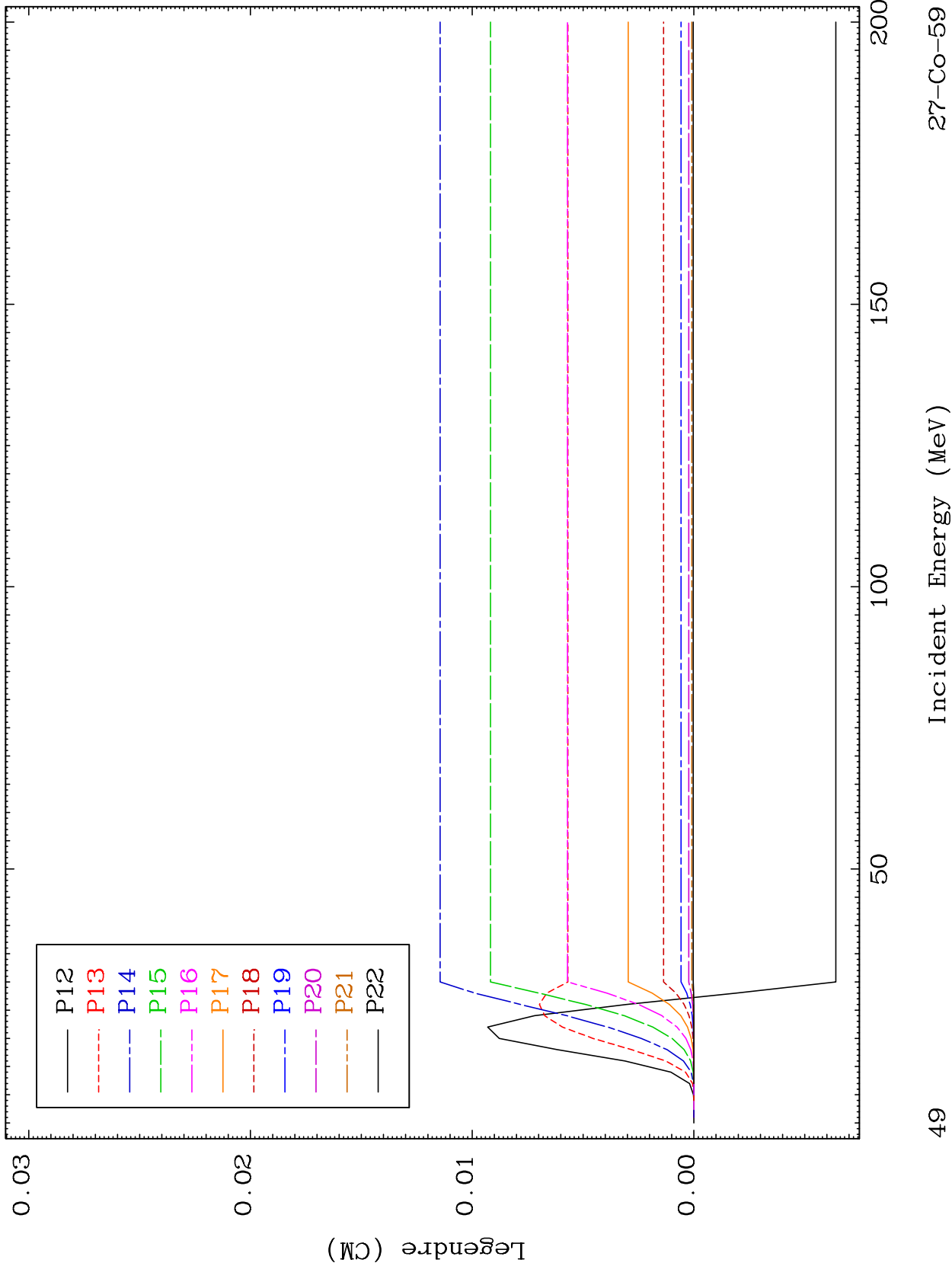


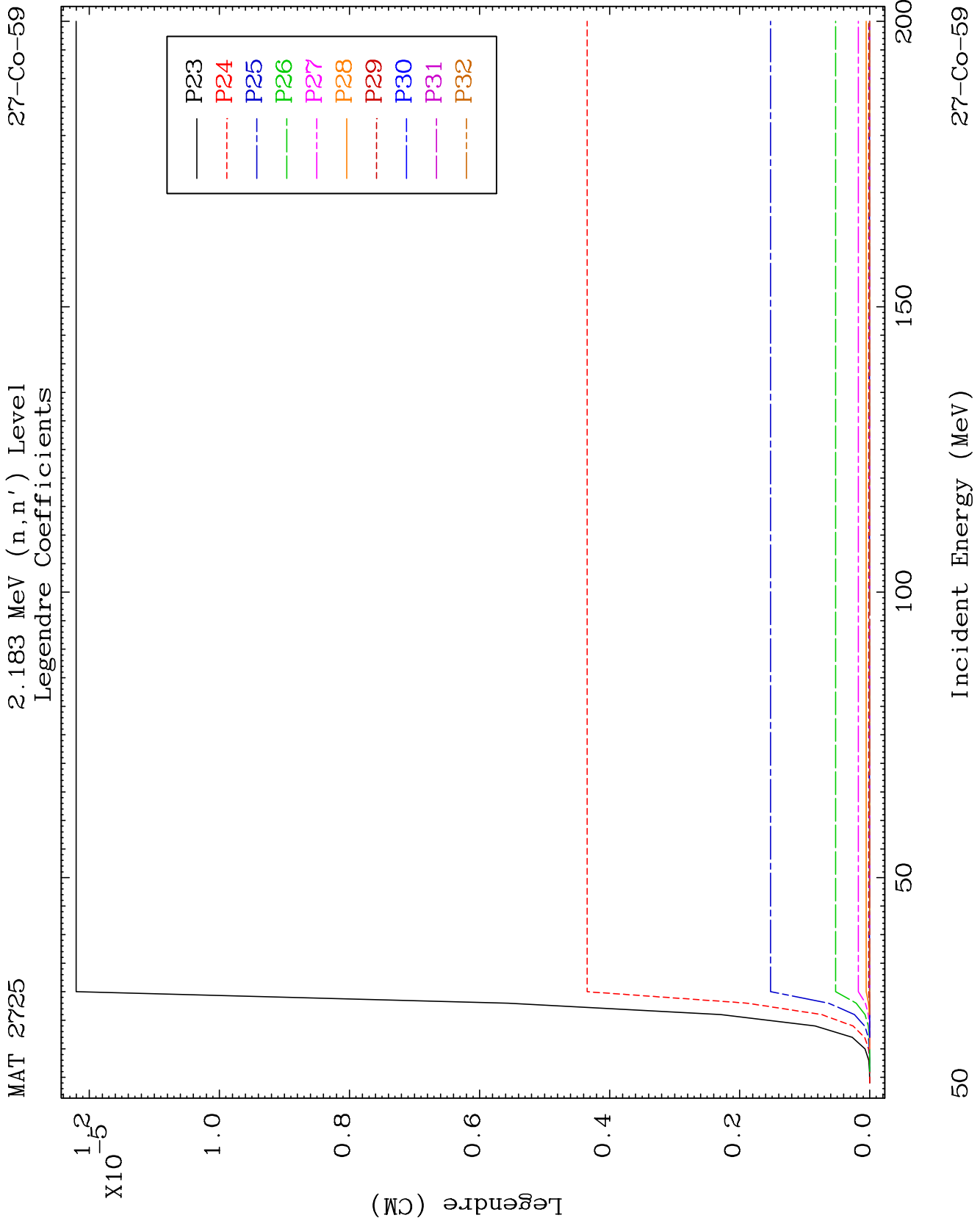
47

Incident Energy (MeV)

27-Co-59



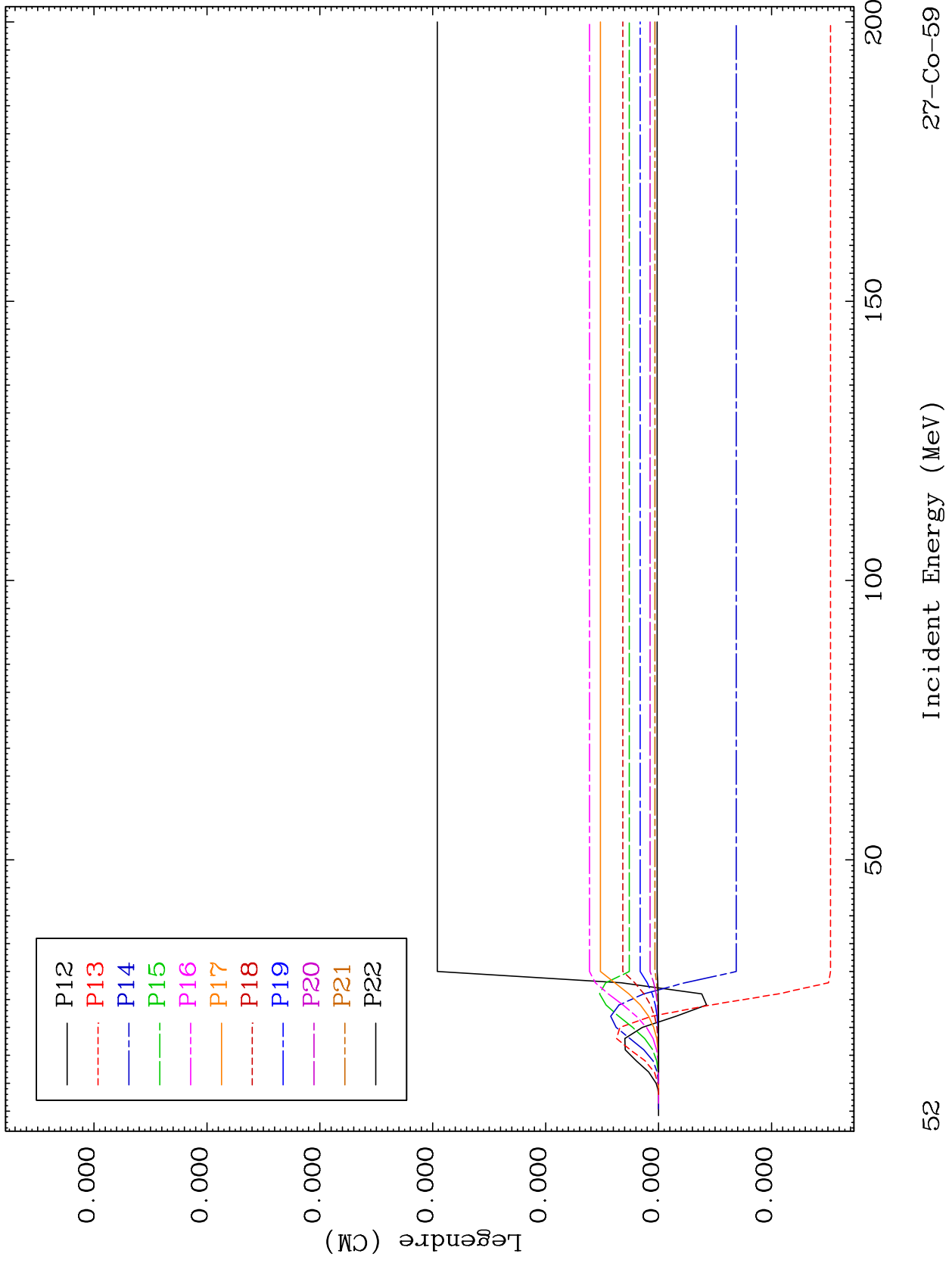


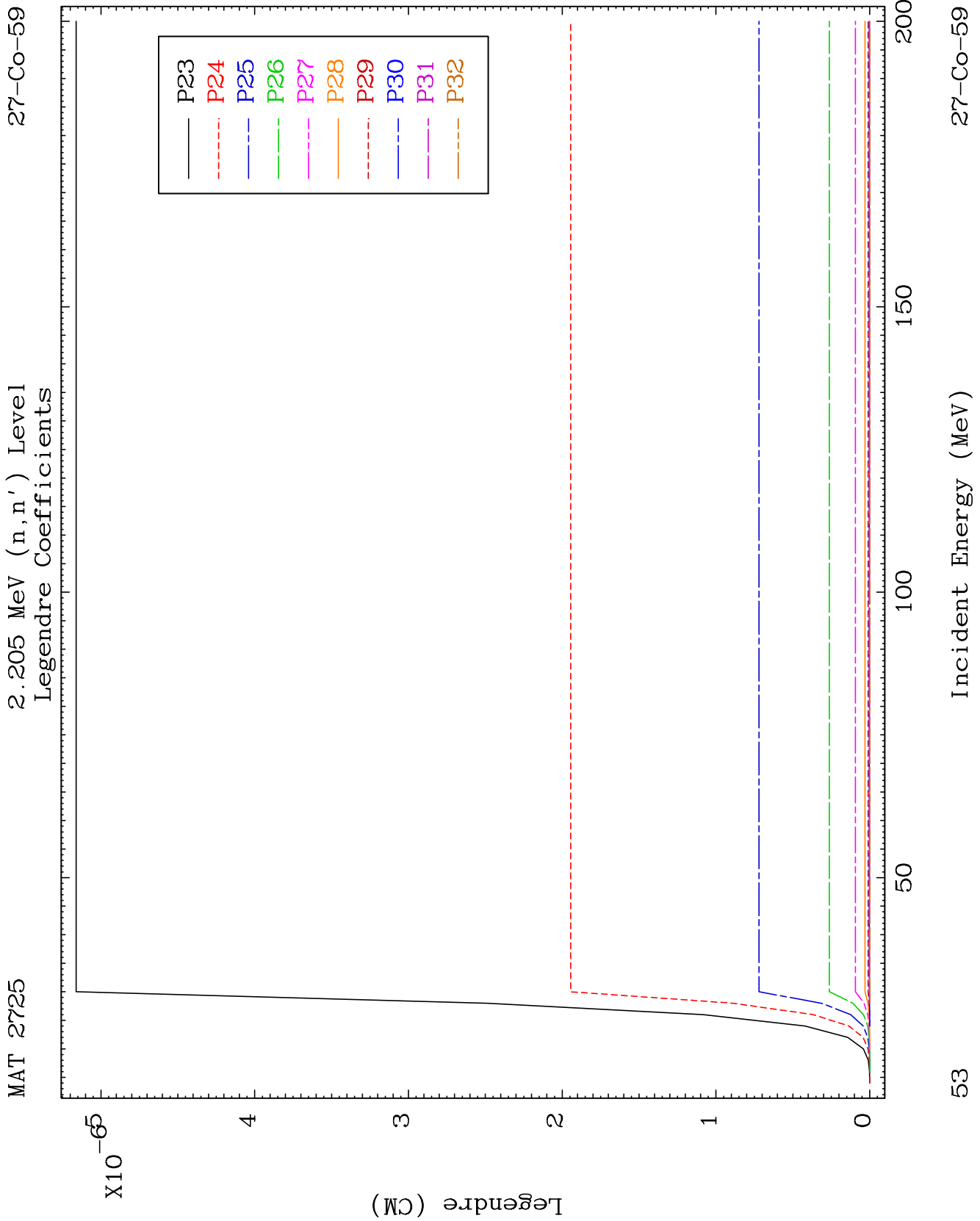


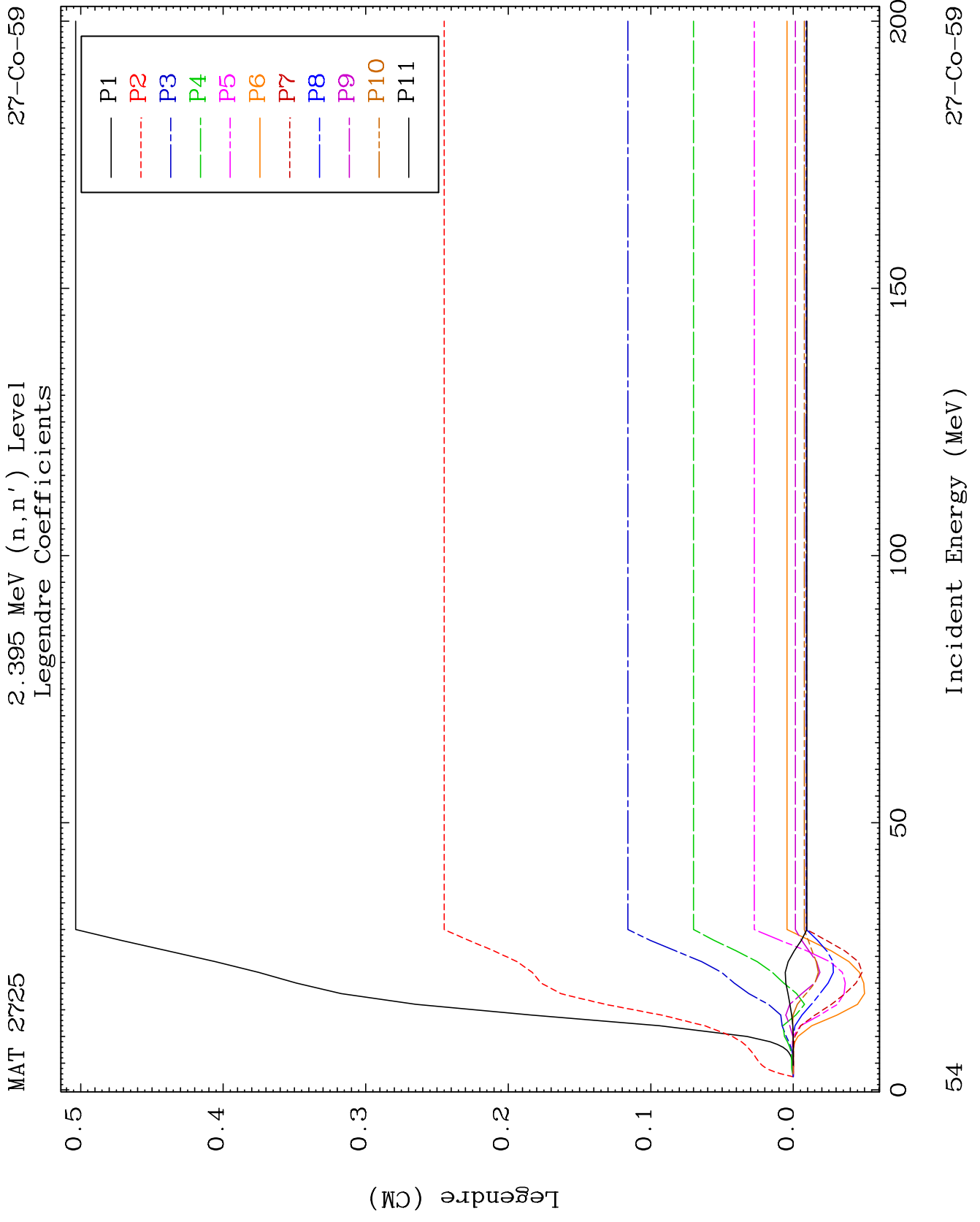
MAT 2725

2.205 MeV (n,n') Level
Legendre Coefficients

27-Co-59



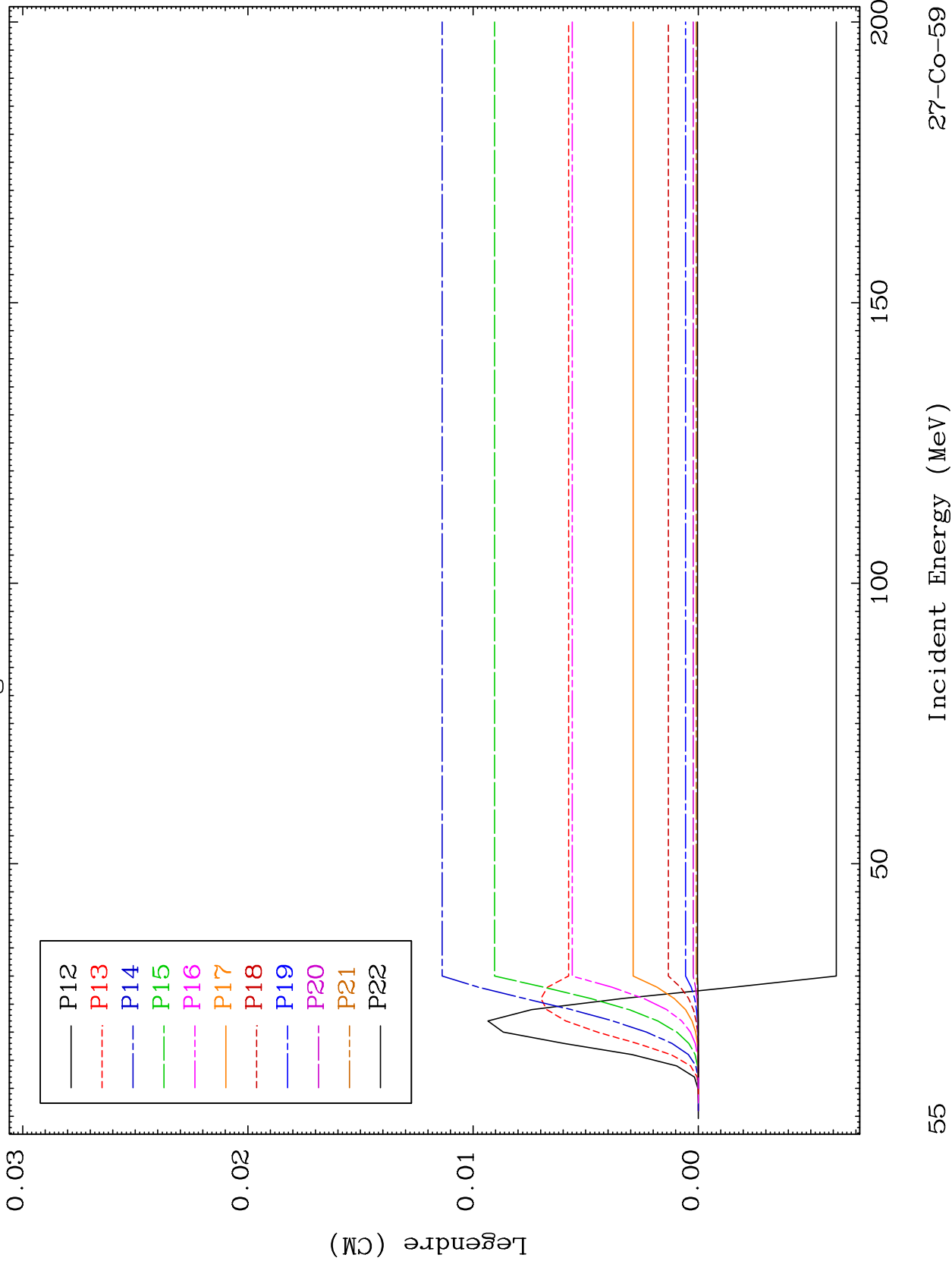




MAT 2725

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Legendre Coefficients

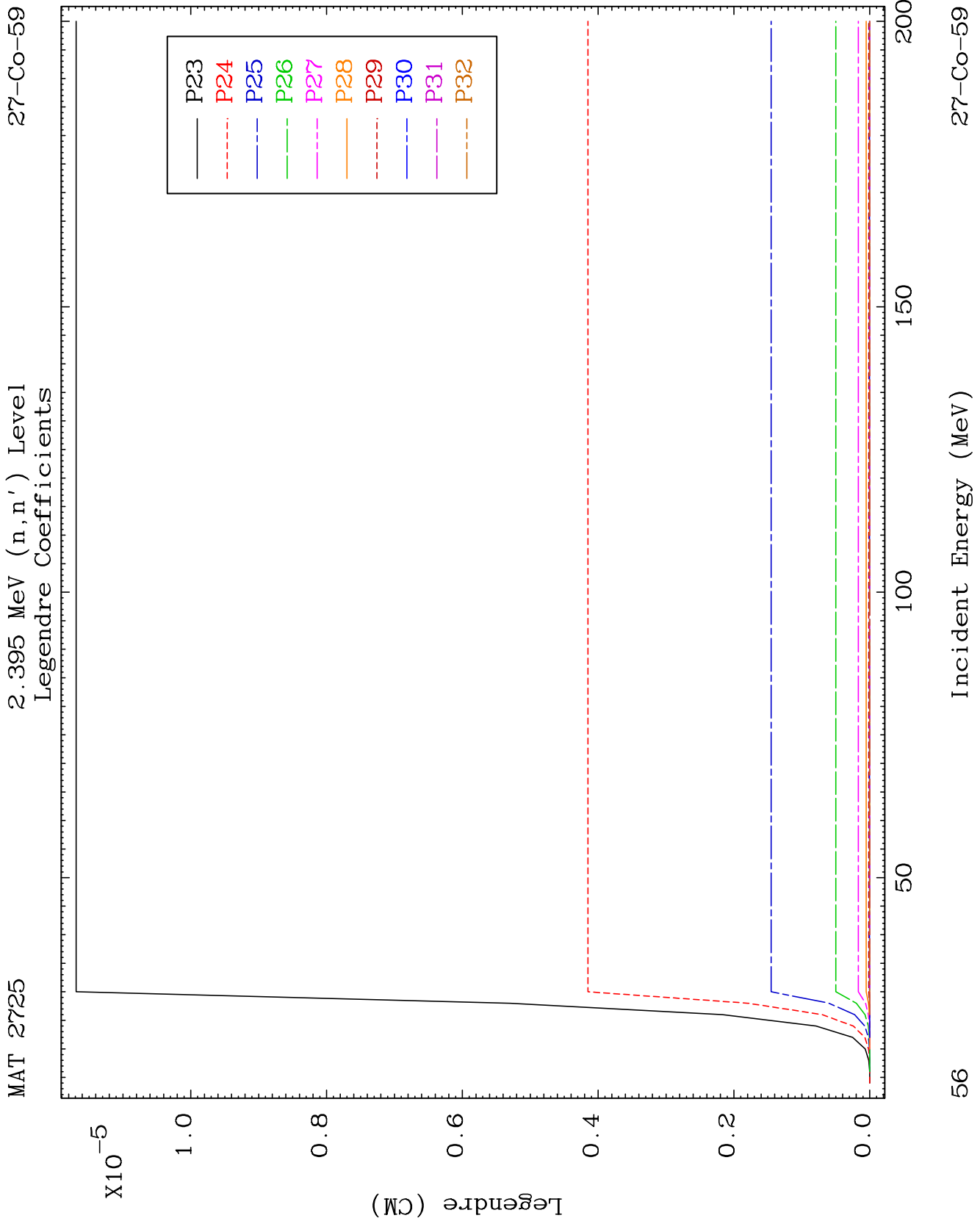
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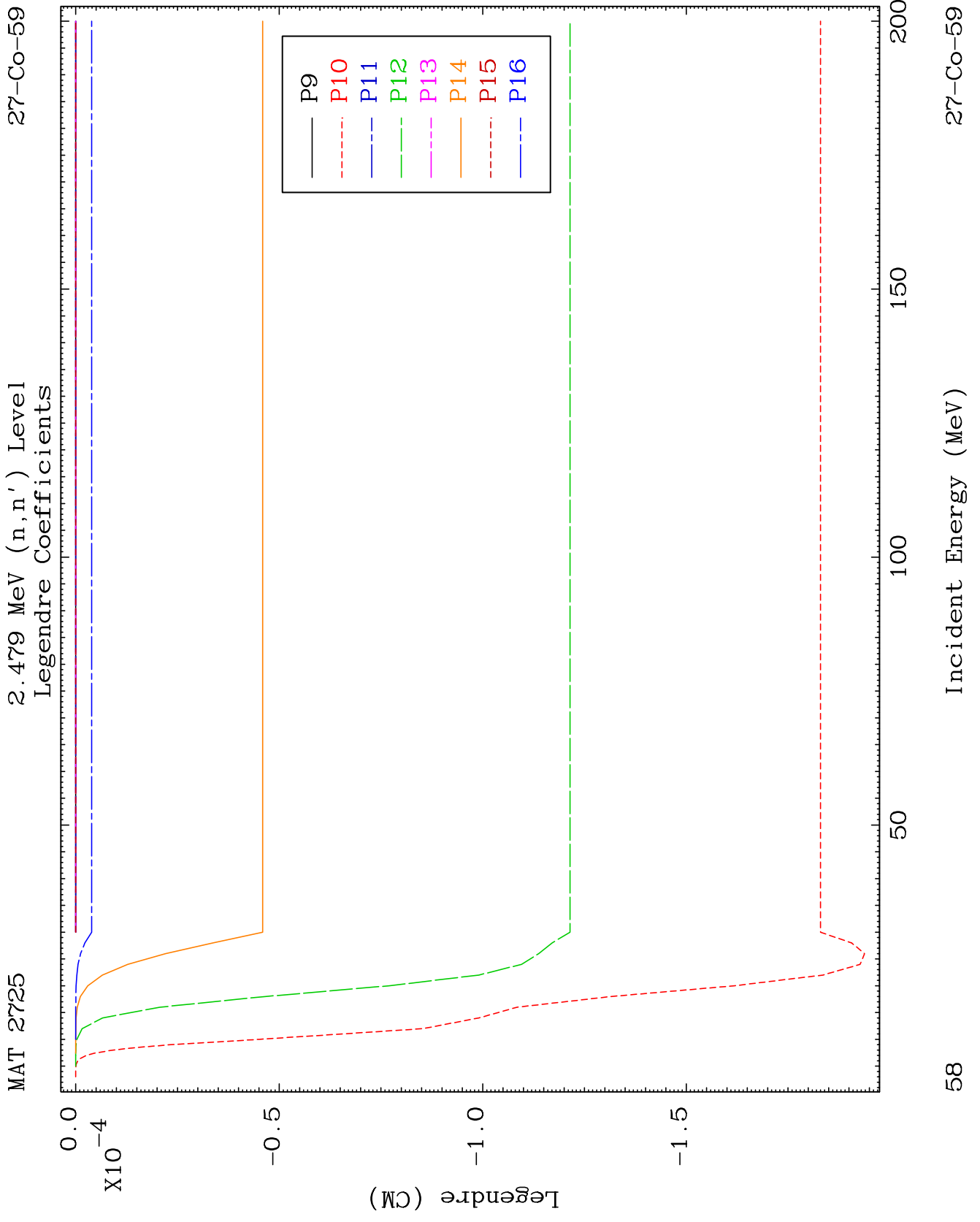


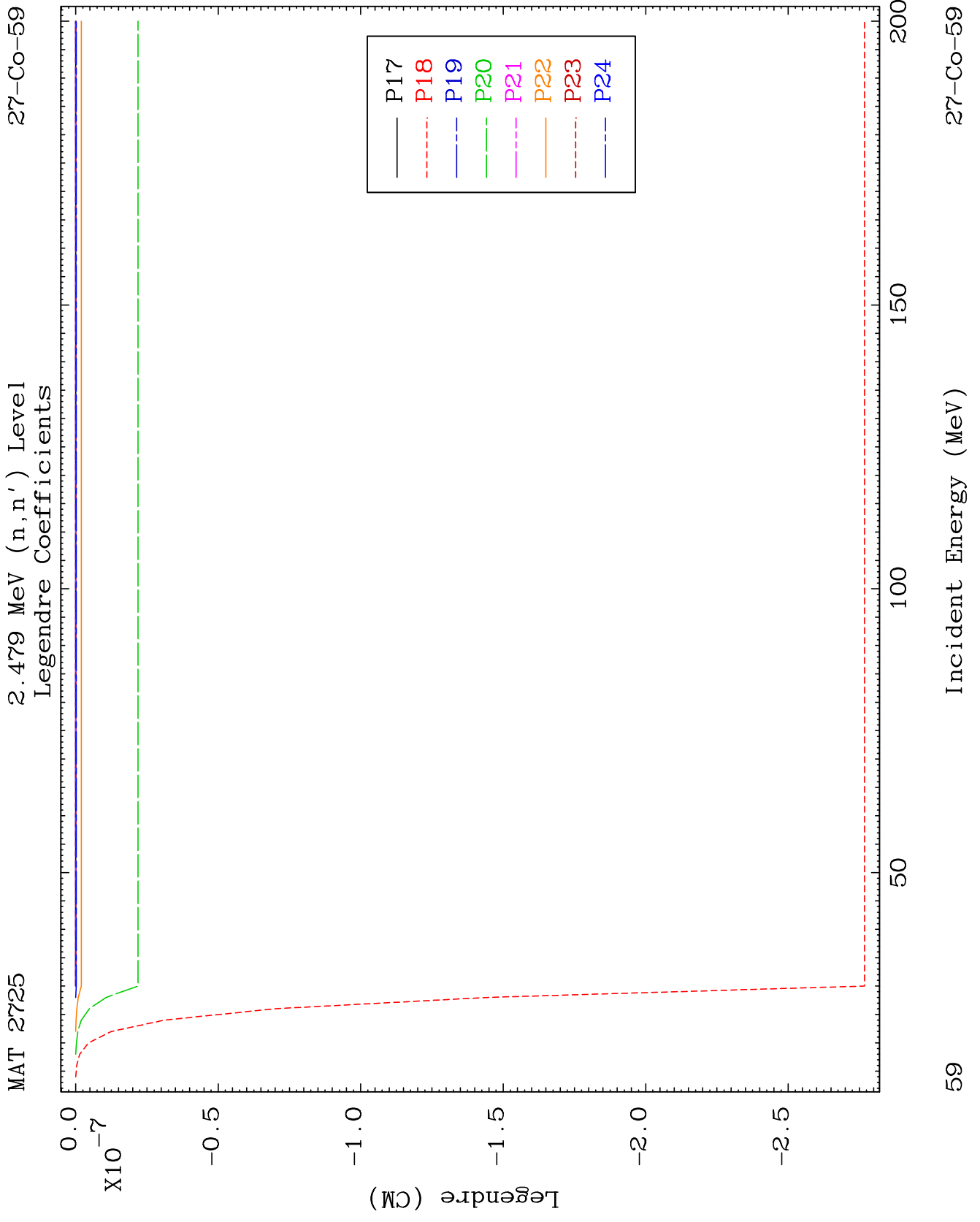
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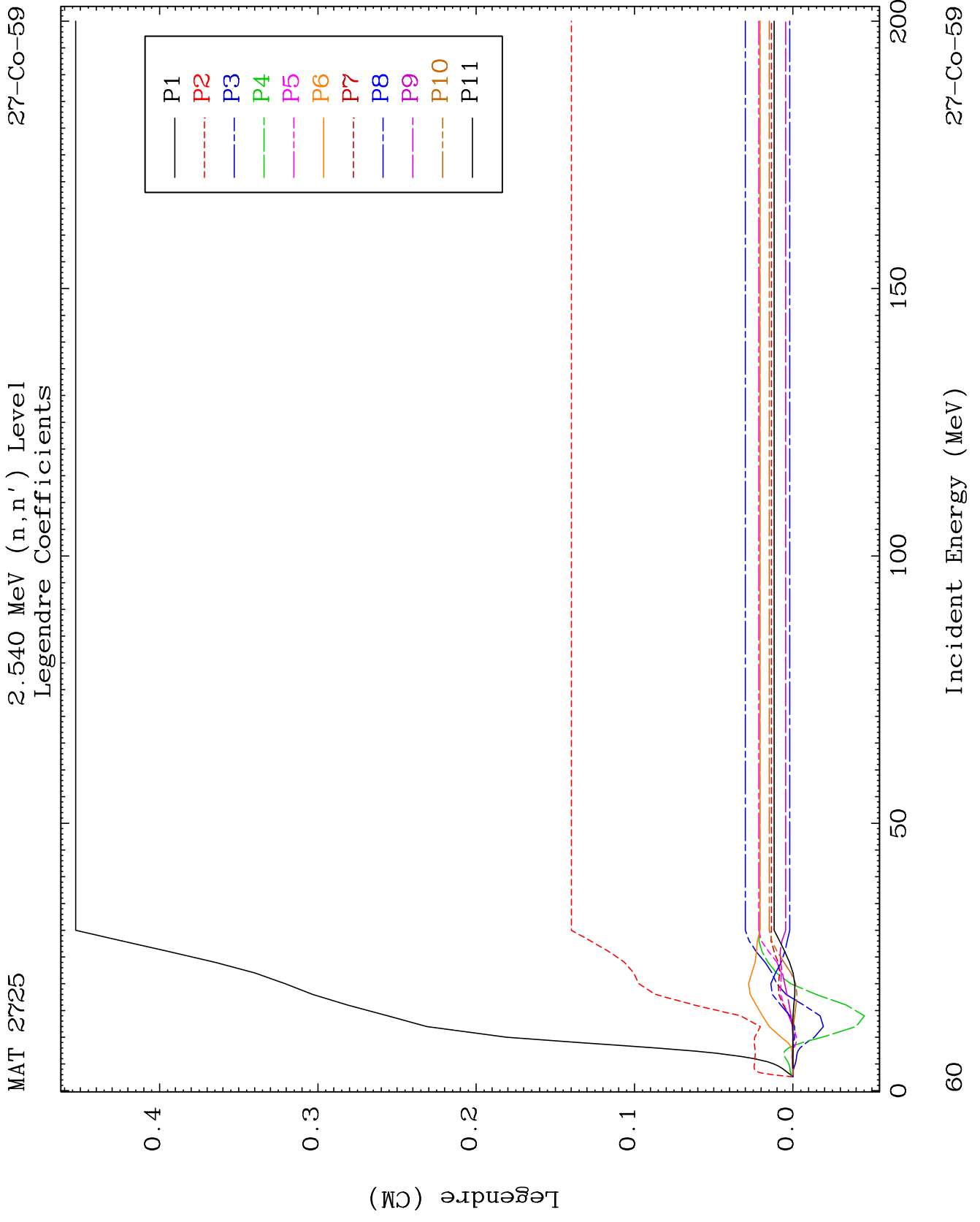
Incident Energy (MeV)

27-Co-59





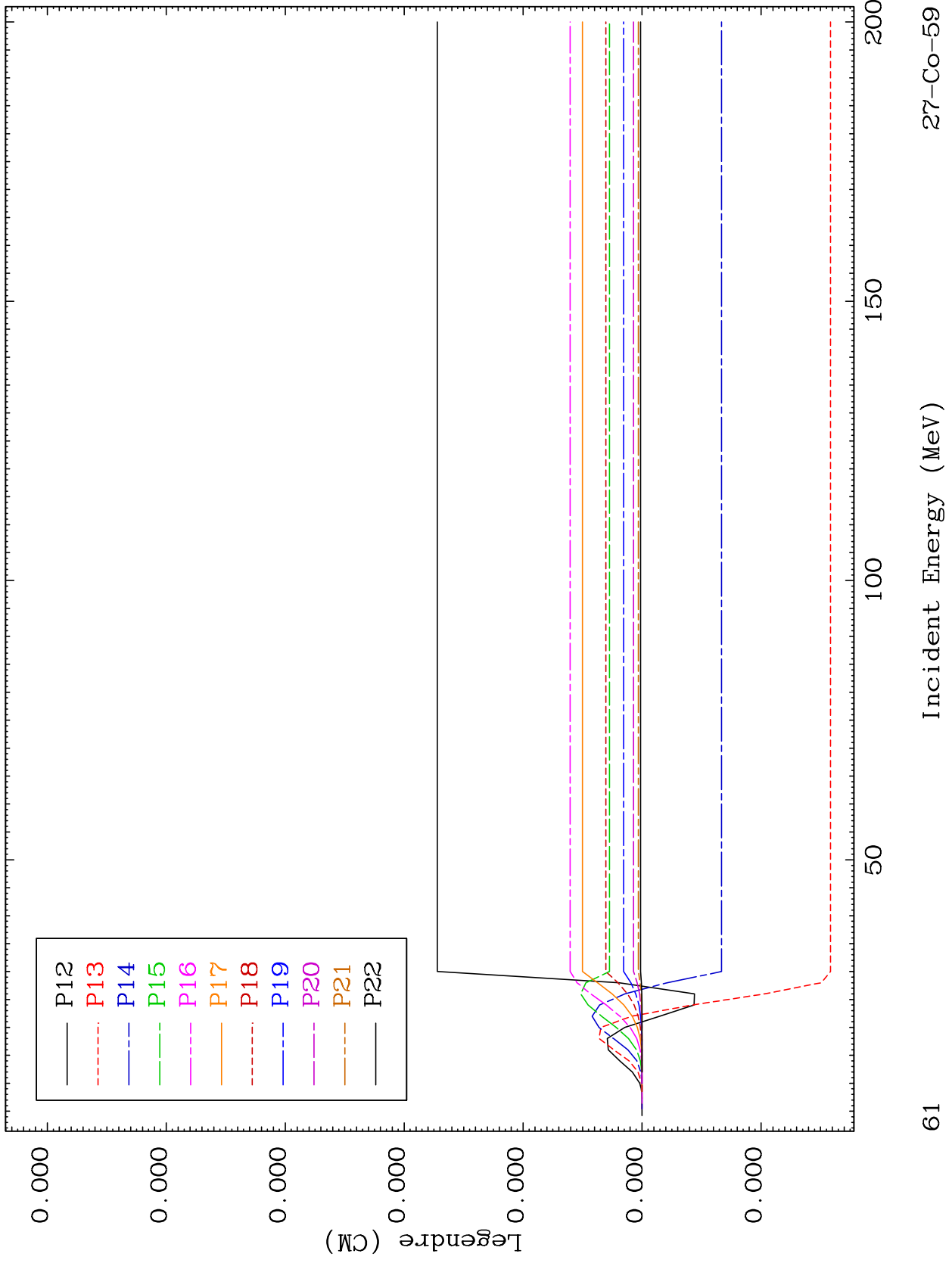


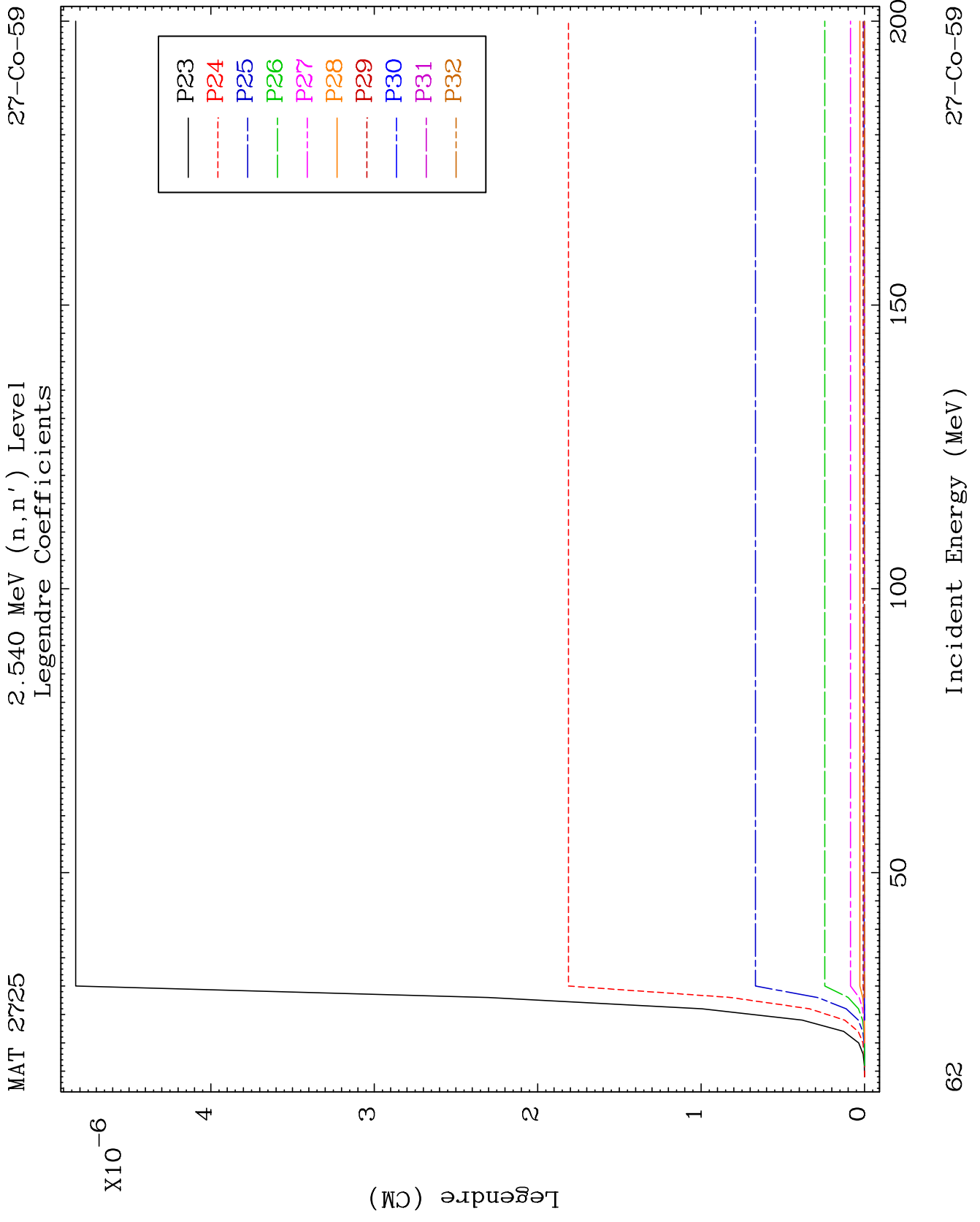


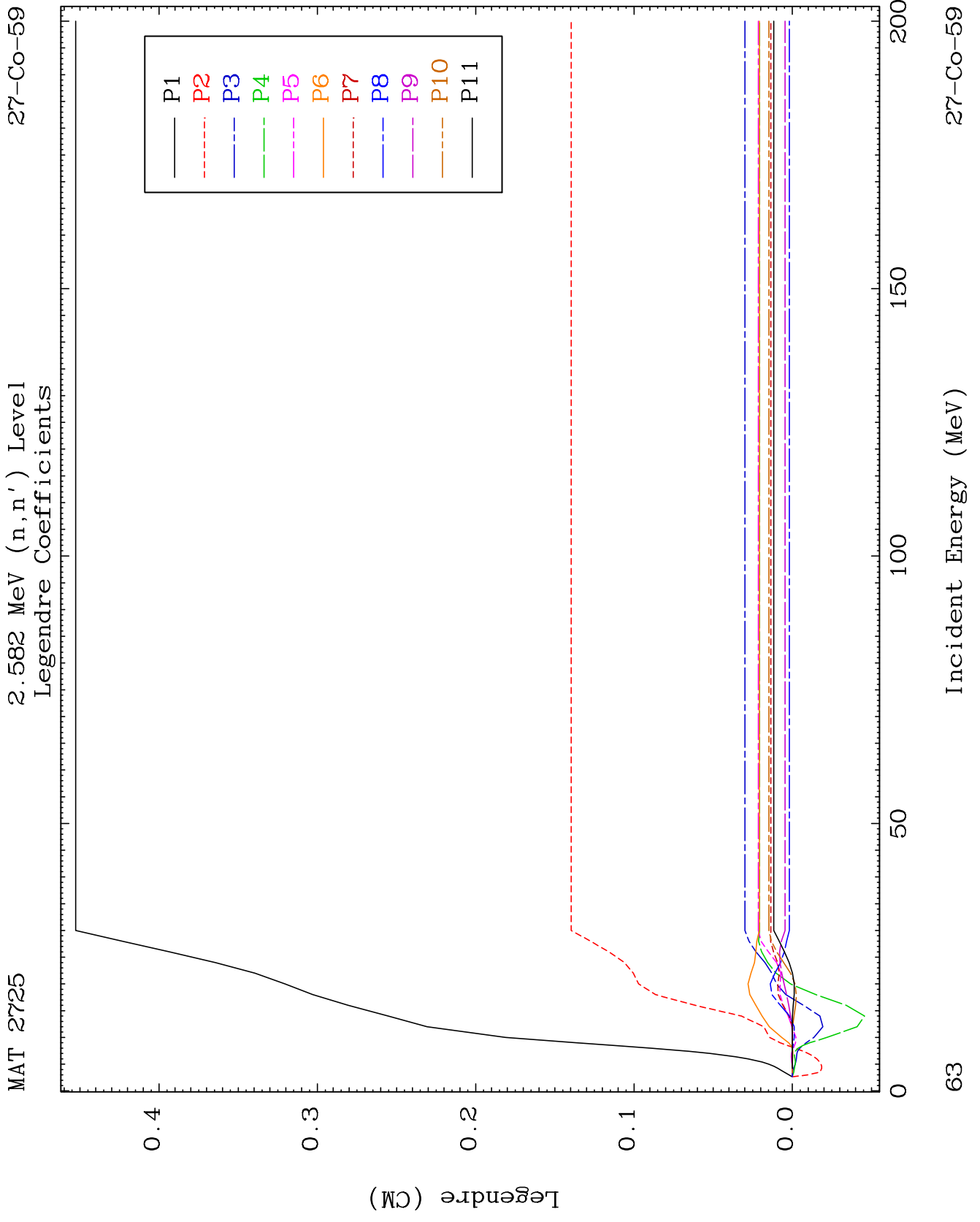
MAT 2725

2.540 MeV (n,n') Level
Legendre Coefficients

27-Co-59



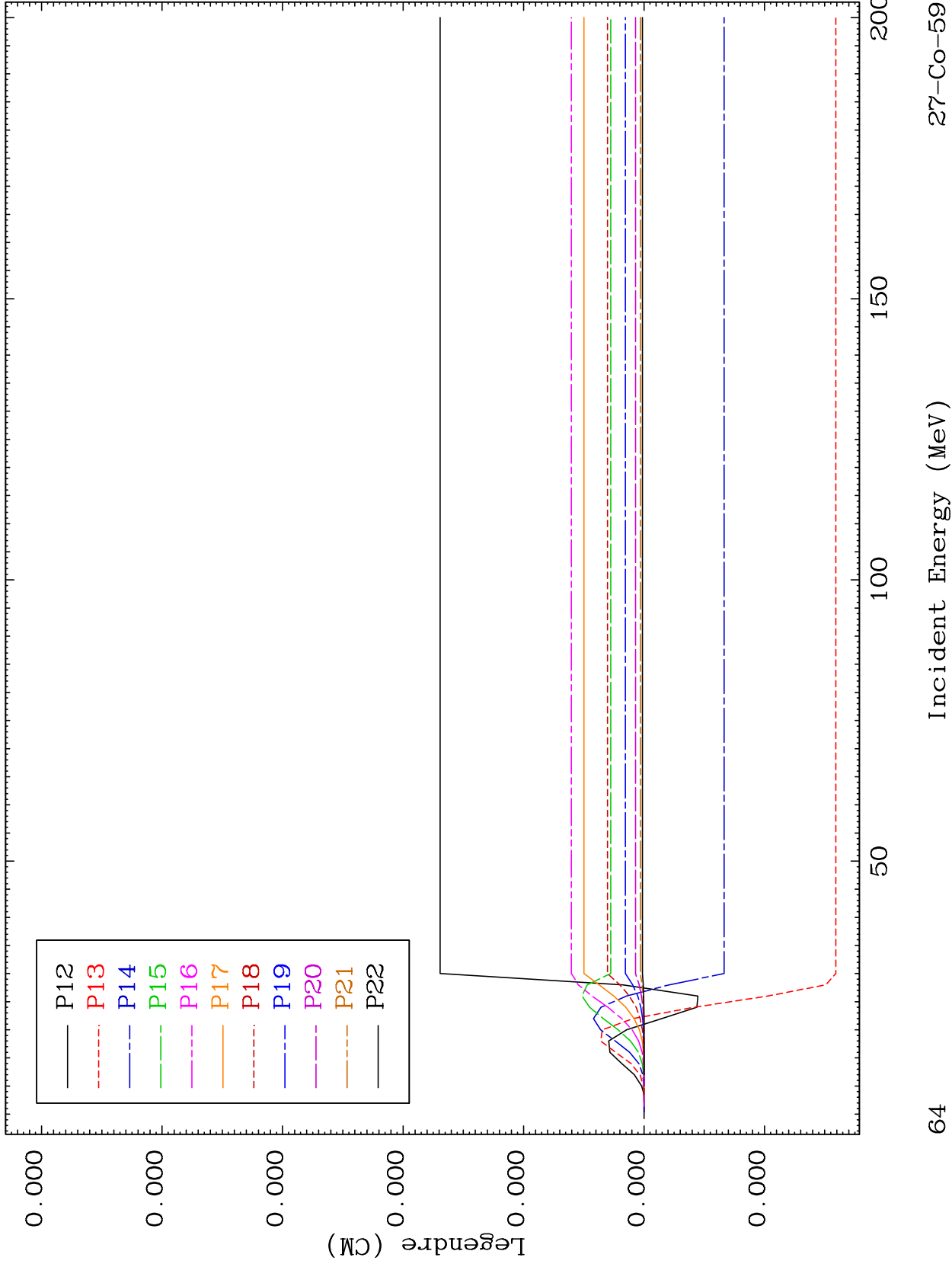


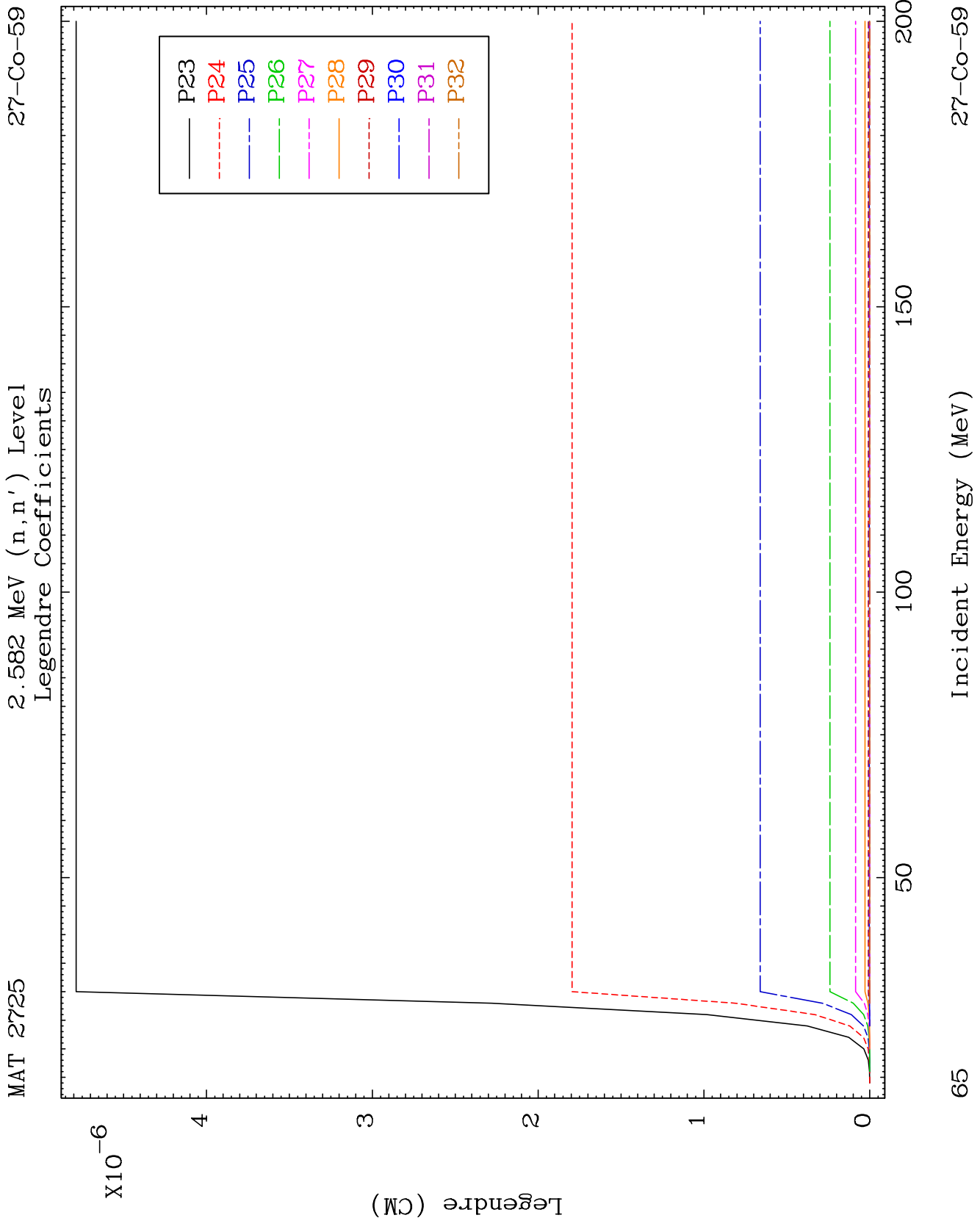


MAT 2725

2.582 MeV (n,n') Level
Legendre Coefficients

27-Co-59

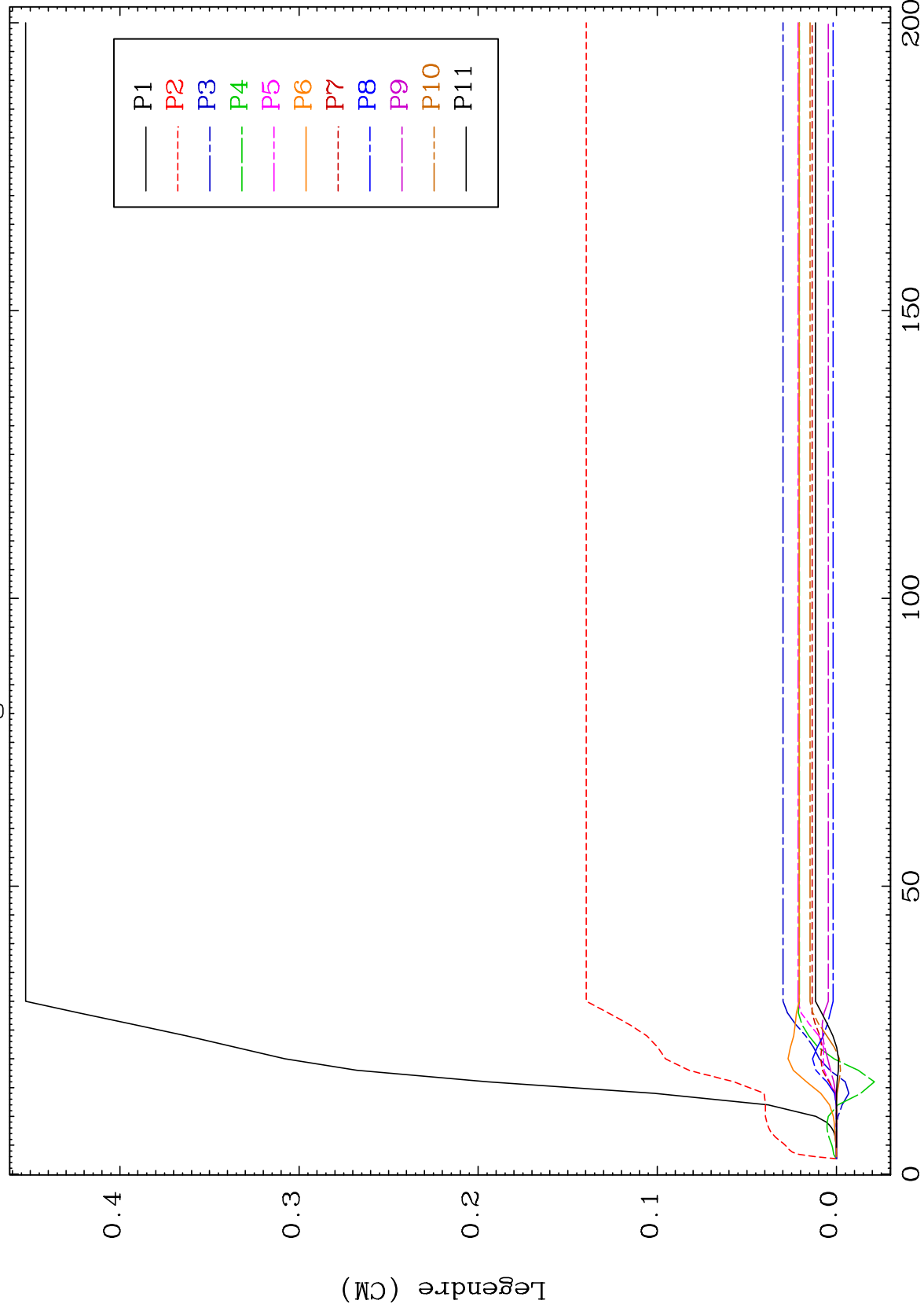




MAT 2725

2.586 MeV (n,n') Level
Legendre Coefficients

27-Co-59



66

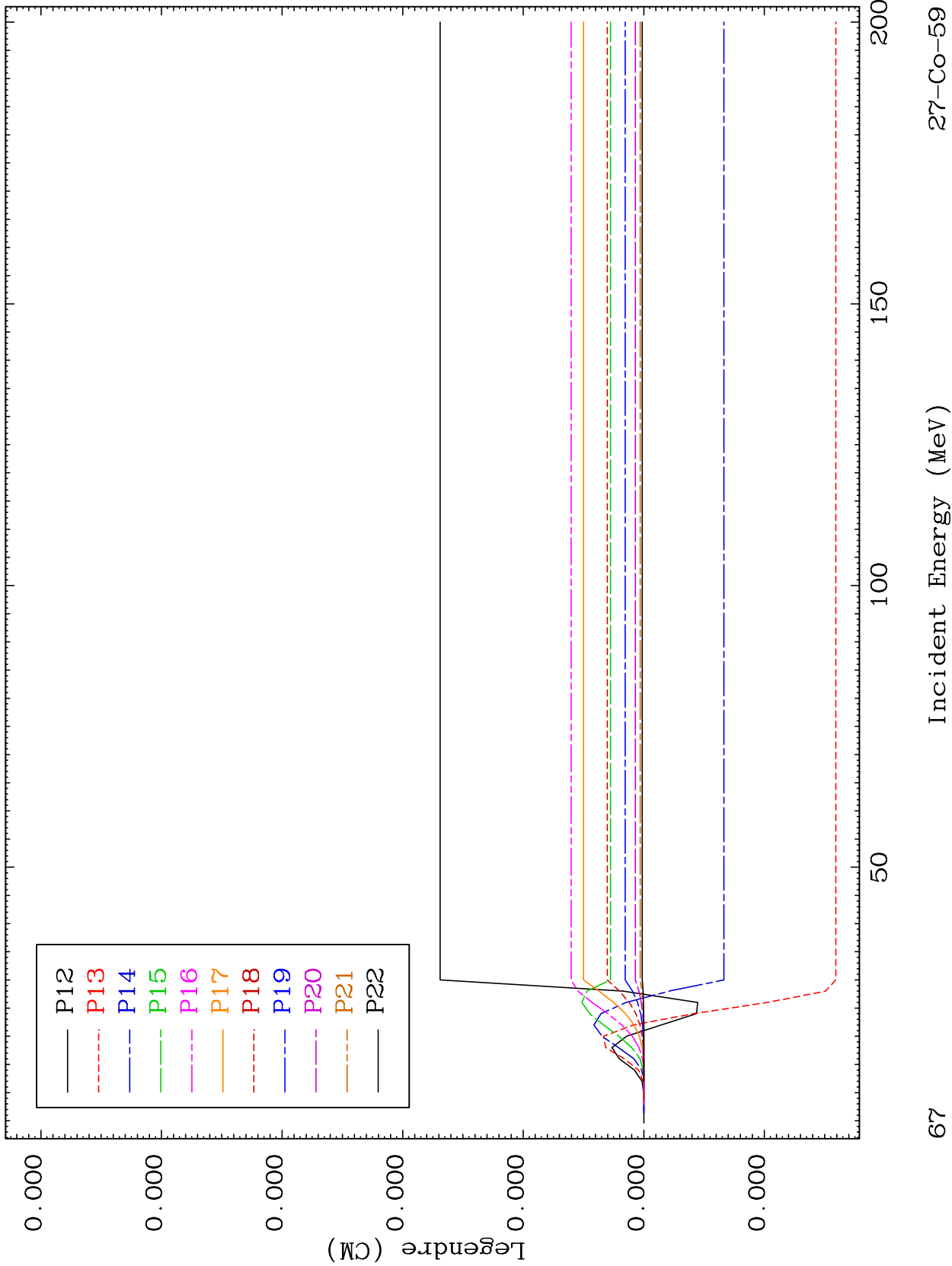
Incident Energy (MeV)

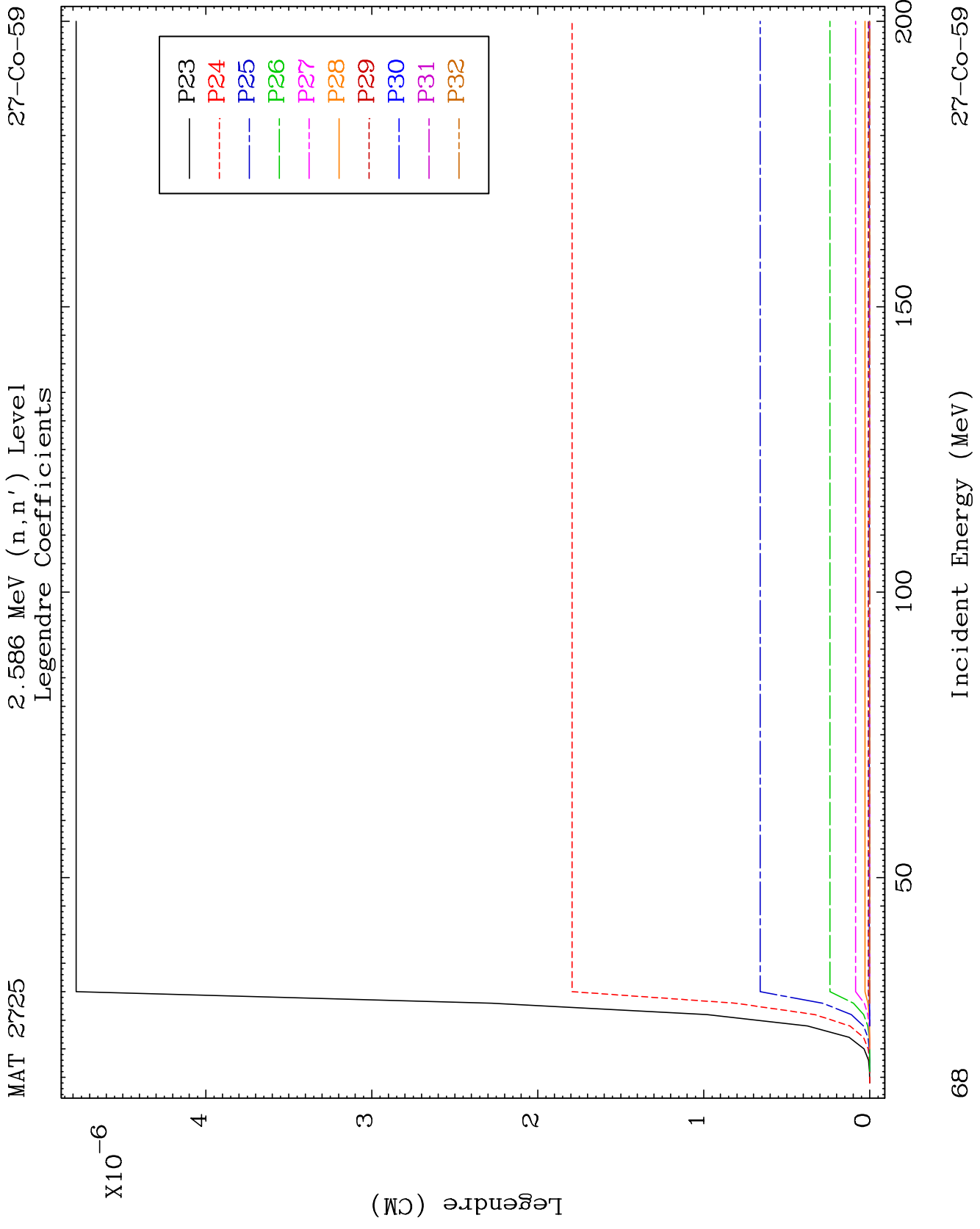
27-Co-59

MAT 2725

2.586 MeV (n,n') Level
Legendre Coefficients

27-Co-59

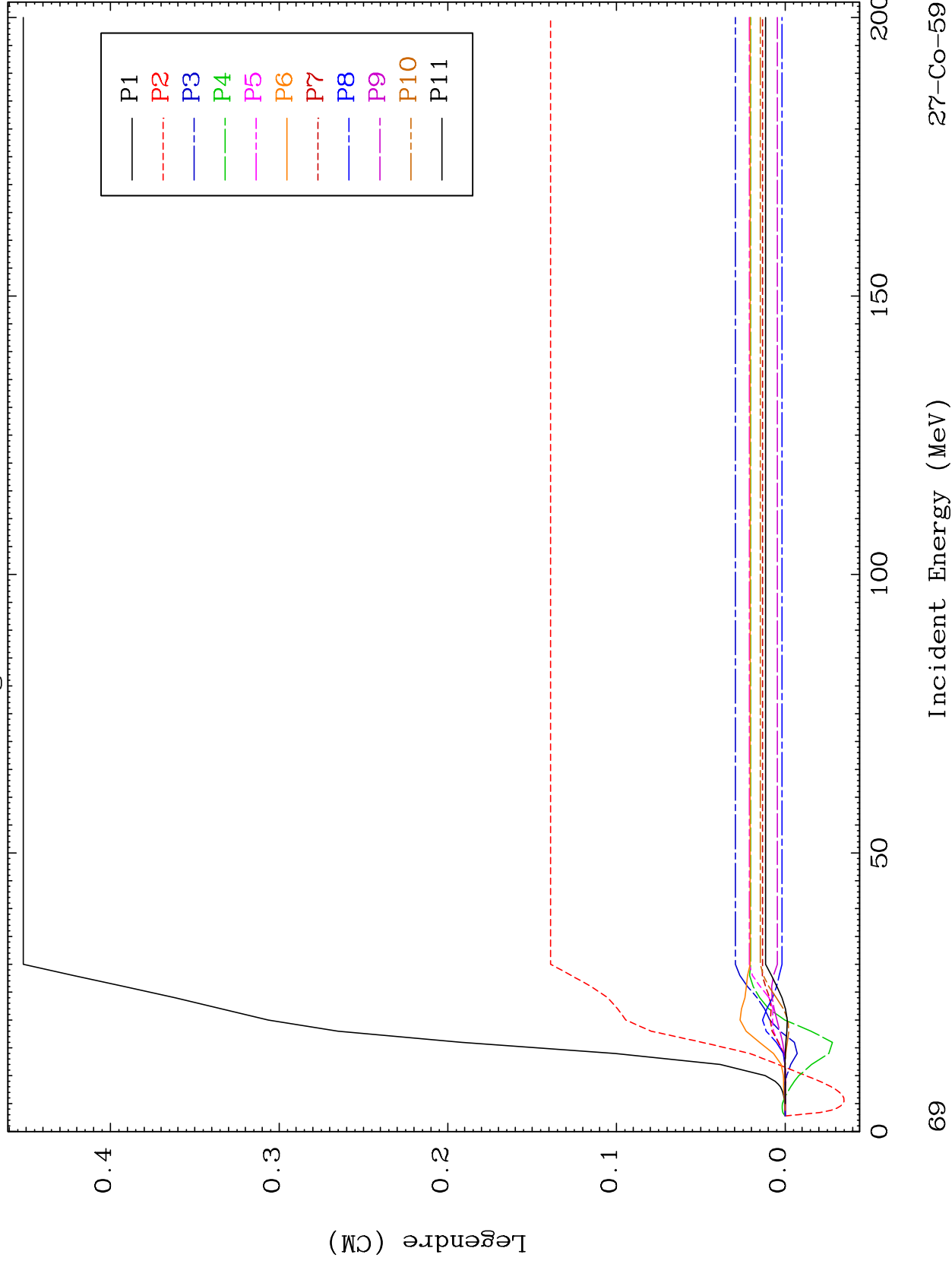




MAT 2725

2.713 MeV (n,n') Level
Legendre Coefficients

27-Co-59



27-Co-59

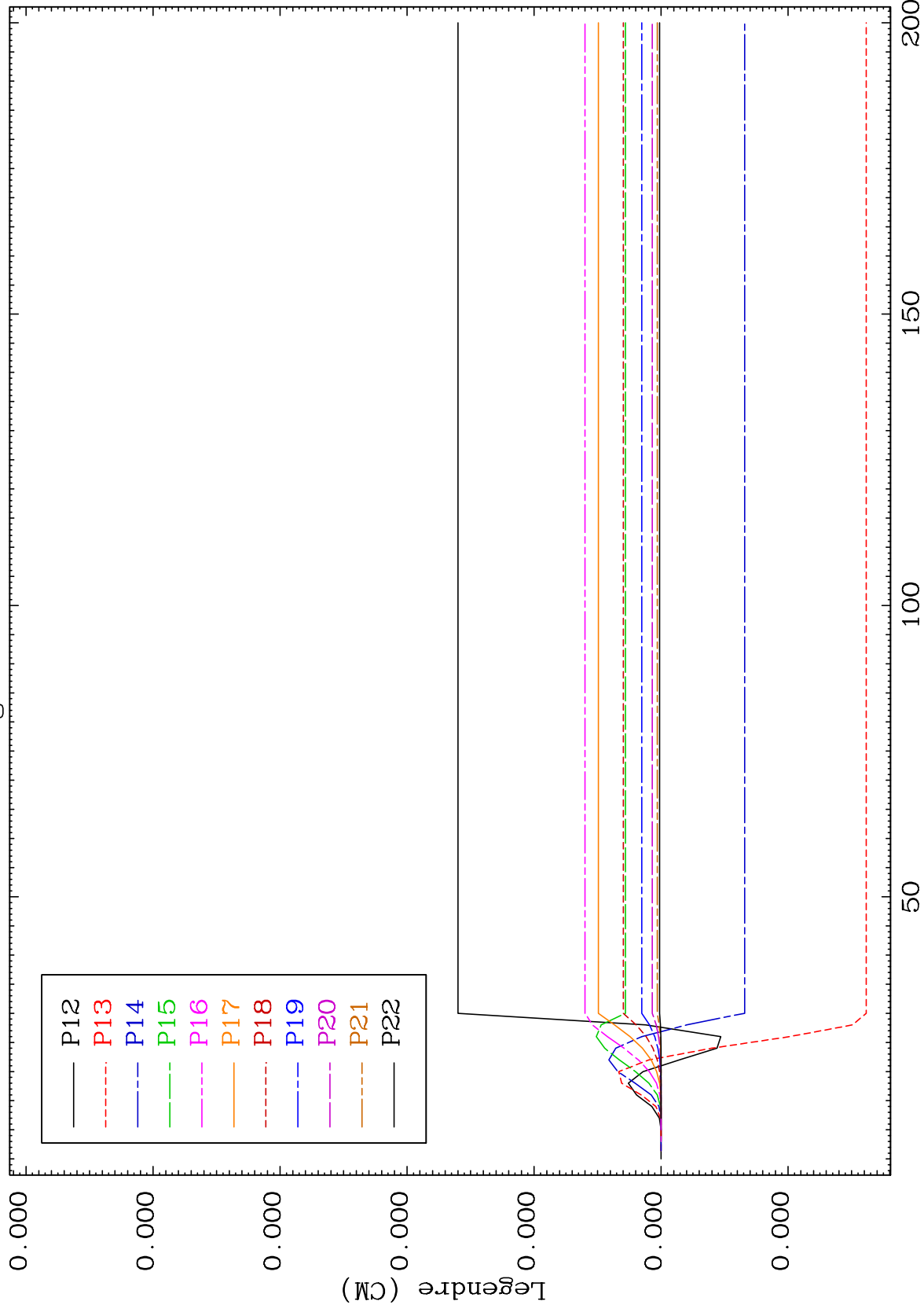
Incident Energy (MeV)

69

MAT 2725

2.713 MeV (n,n') Level
Legendre Coefficients

27-Co-59



70

Incident Energy (MeV)

50

100

150

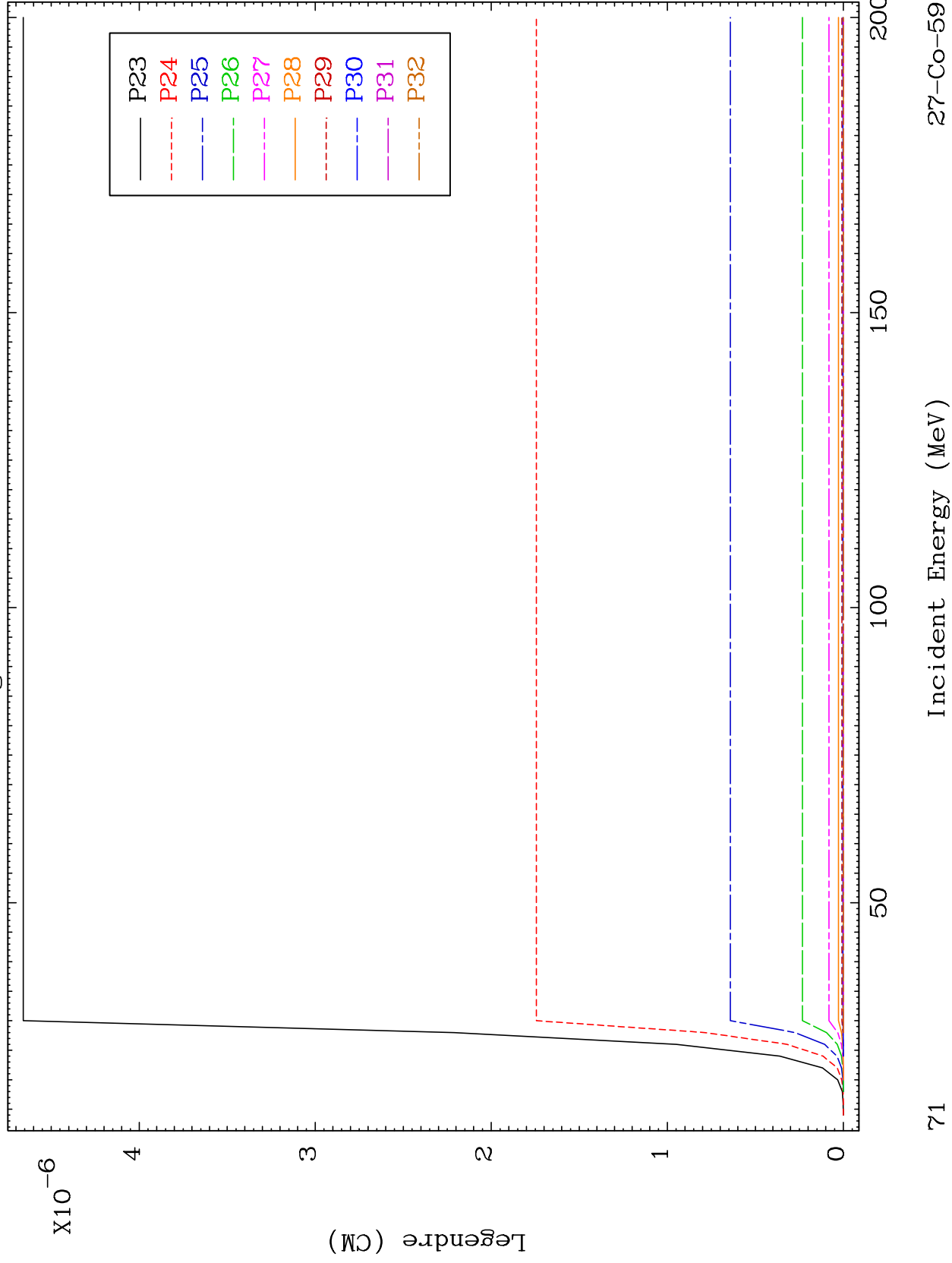
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27-Co-59

MAT 2725

2.713 MeV (n,n') Level
Legendre Coefficients

27-Co-59



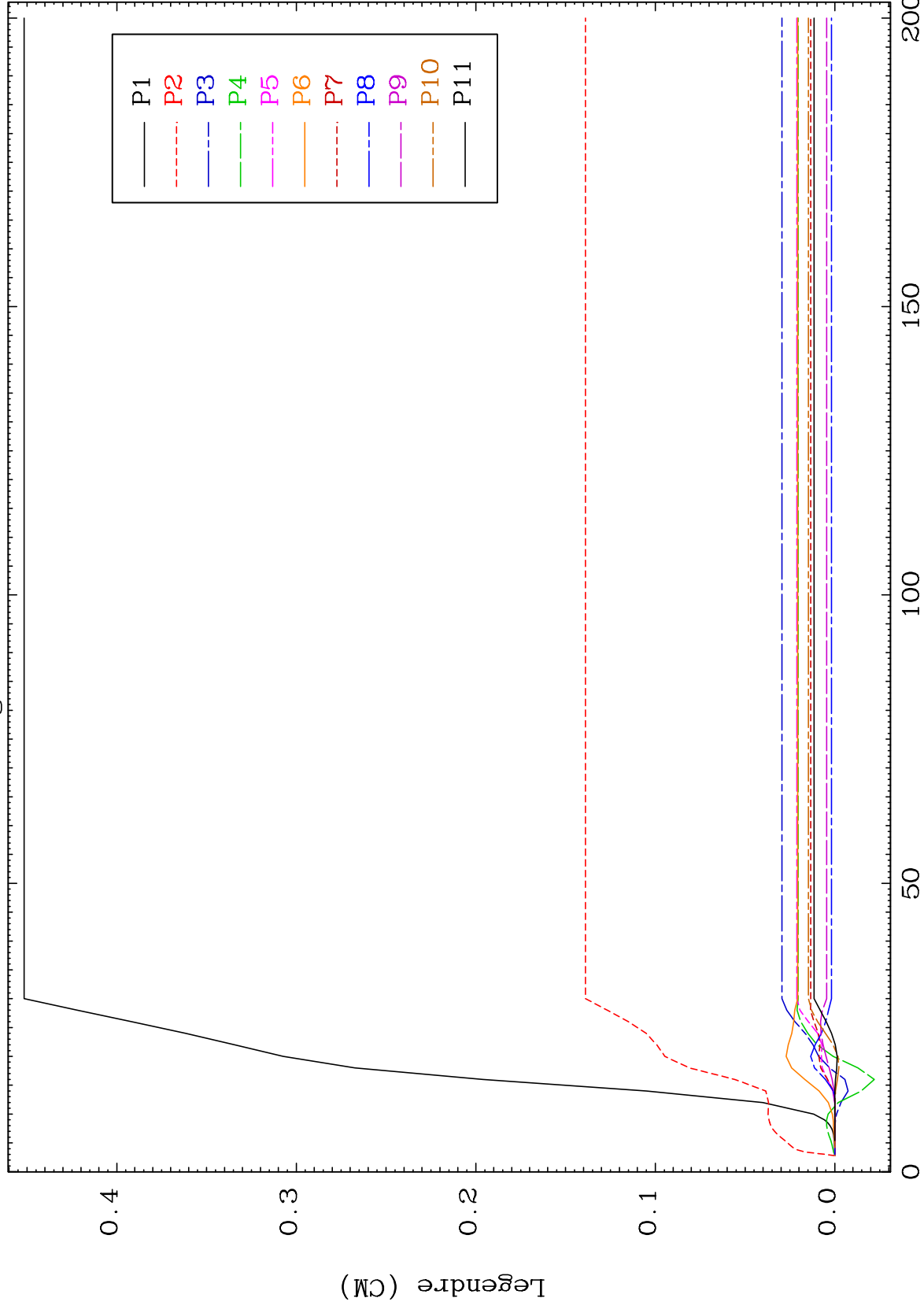
71

27-Co-59

MAT 2725

2.722 MeV (n,n') Level
Legendre Coefficients

27-Co-59



72

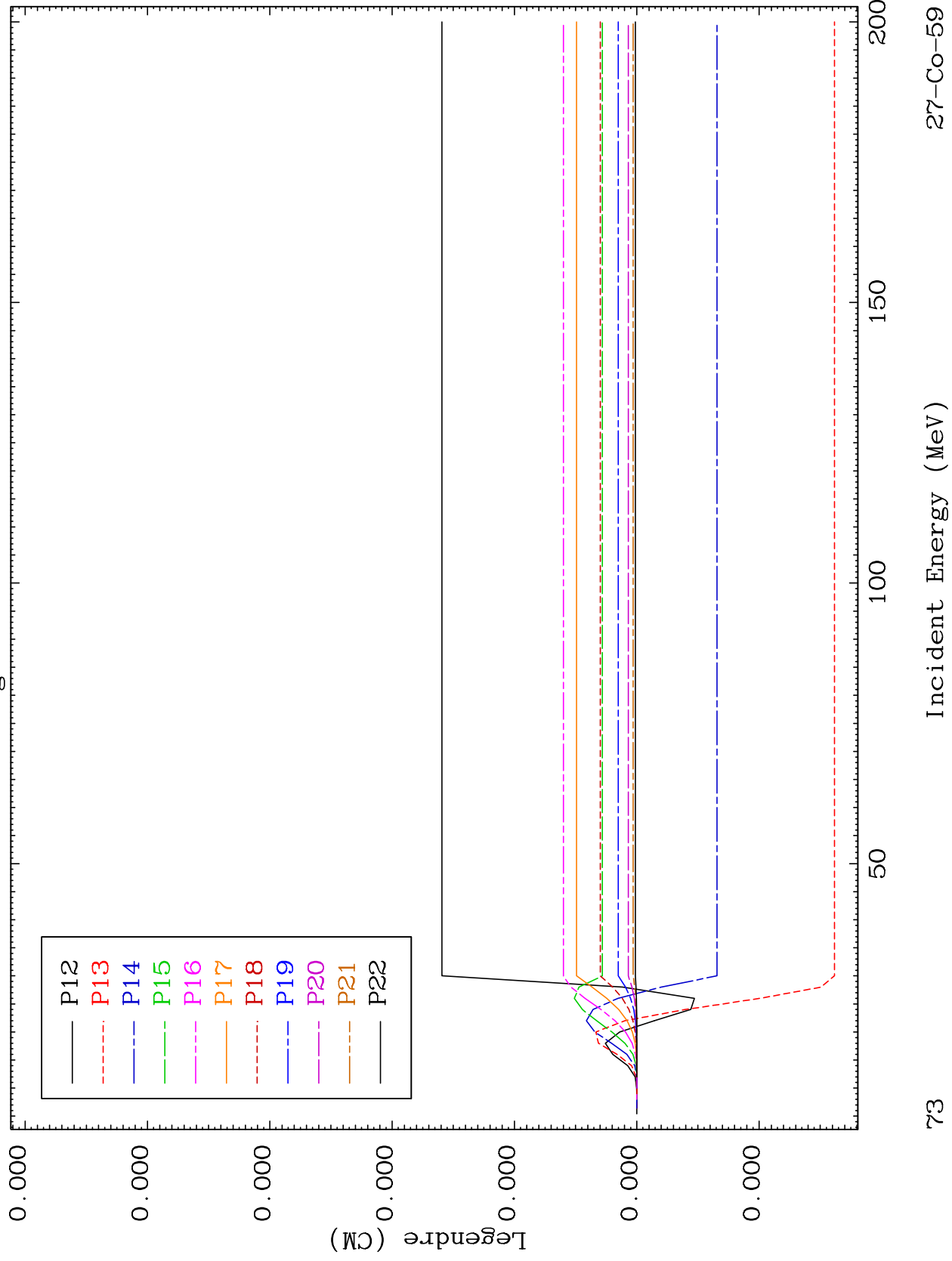
Incident Energy (MeV)

27-Co-59

MAT 2725

2.722 MeV (n,n') Level
Legendre Coefficients

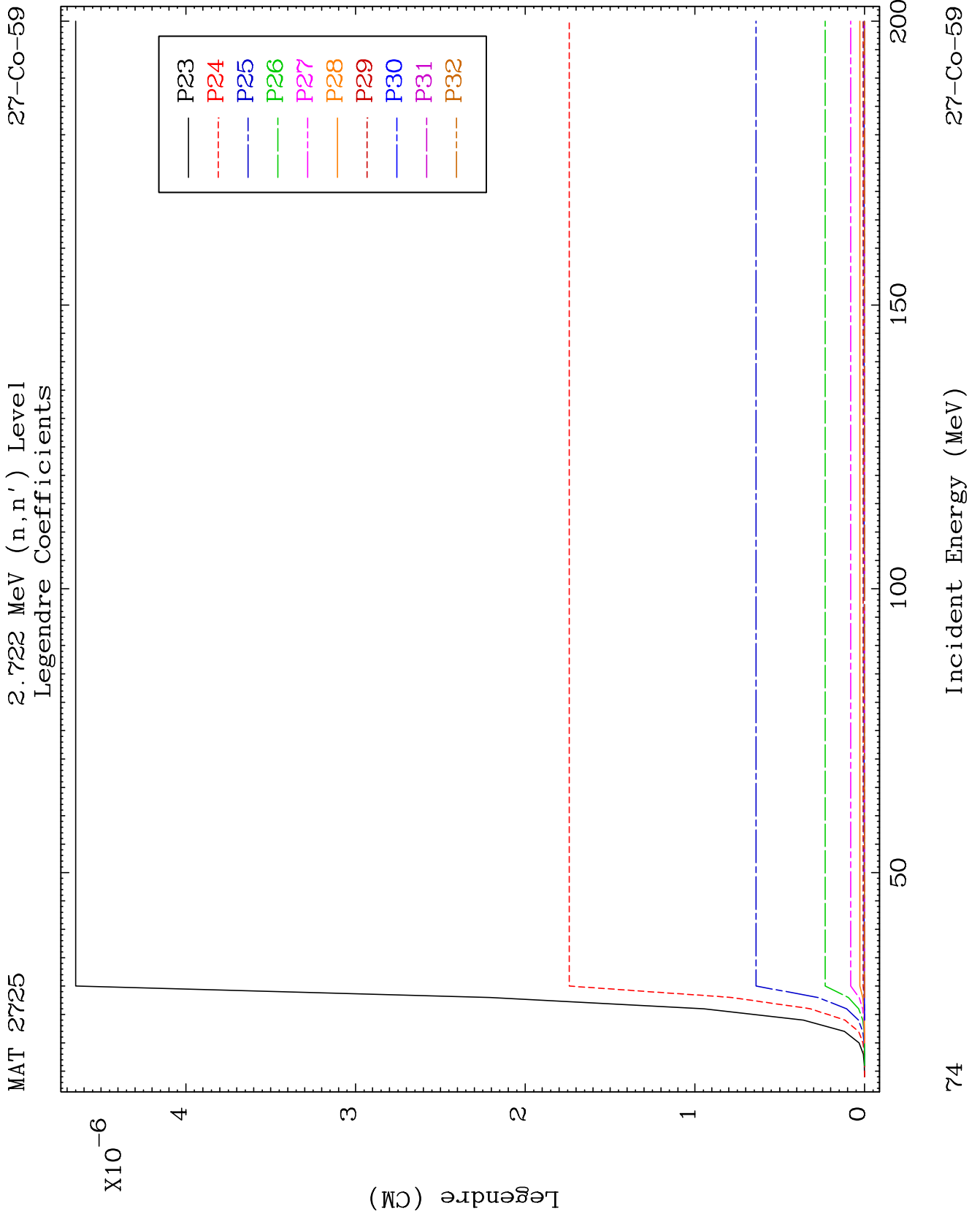
27-Co-59



73

Incident Energy (MeV)

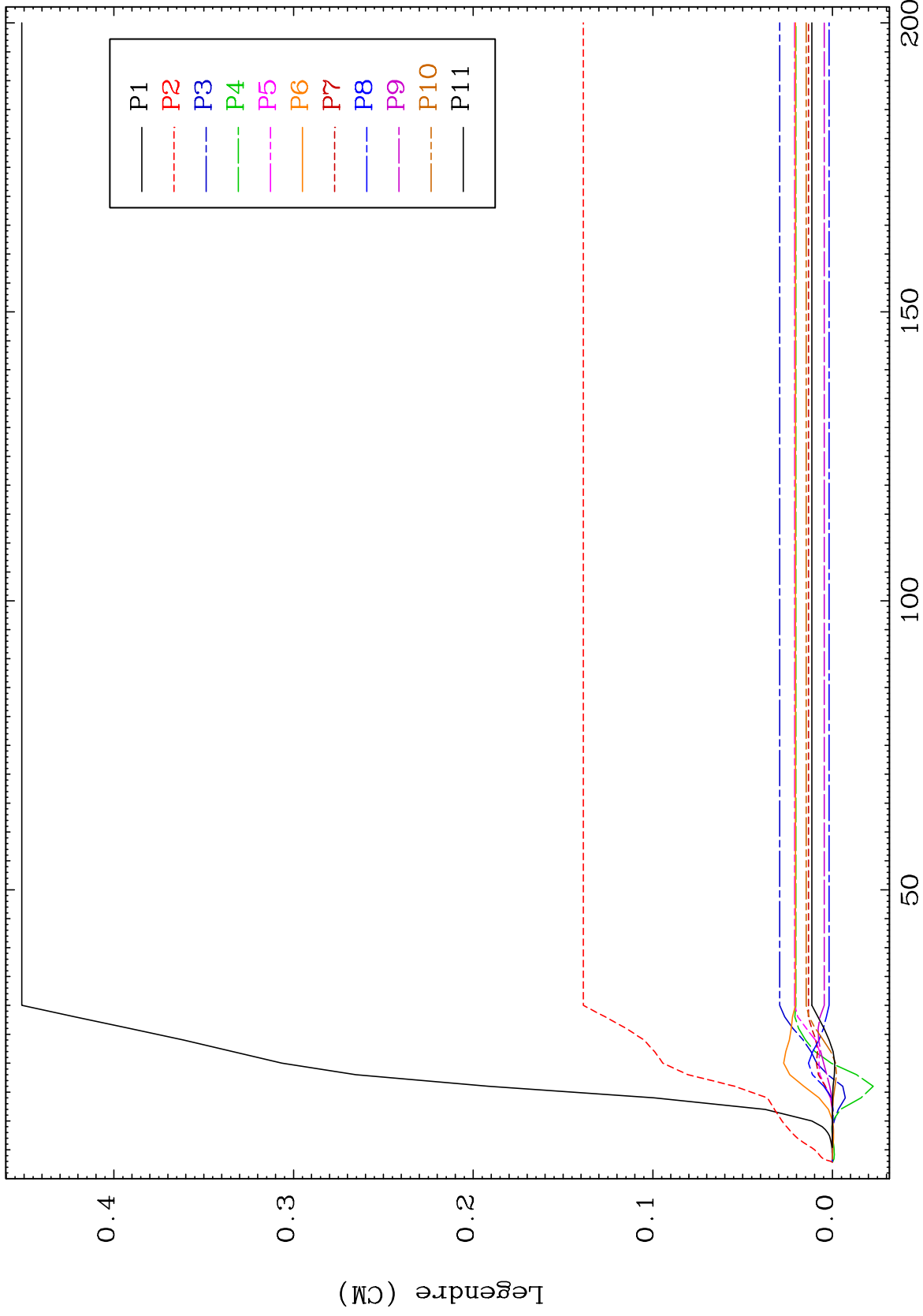
27-Co-59



MAT 2725

2.770 MeV (n,n') Level
Legendre Coefficients

27-Co-59



75

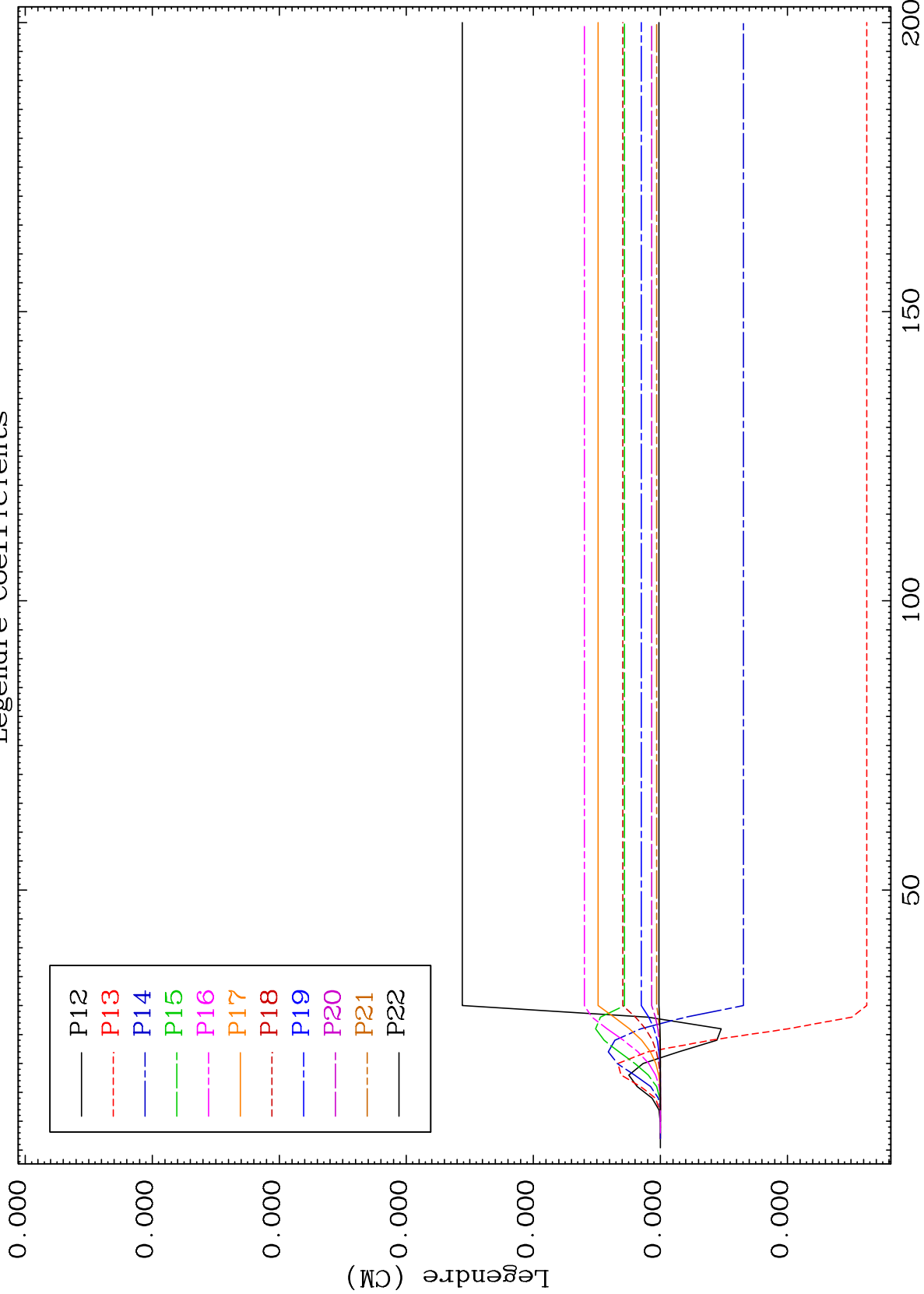
Incident Energy (MeV)

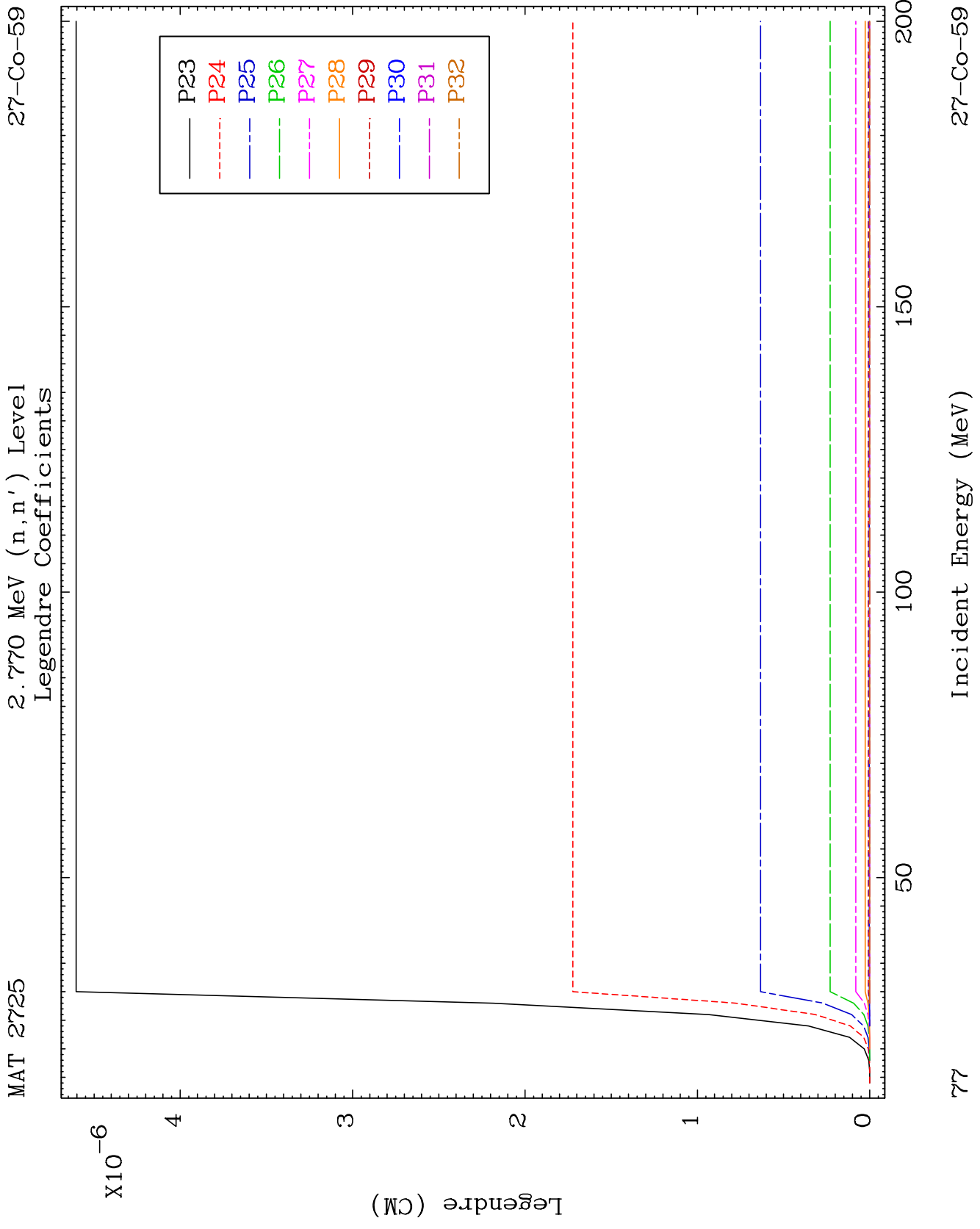
27-Co-59

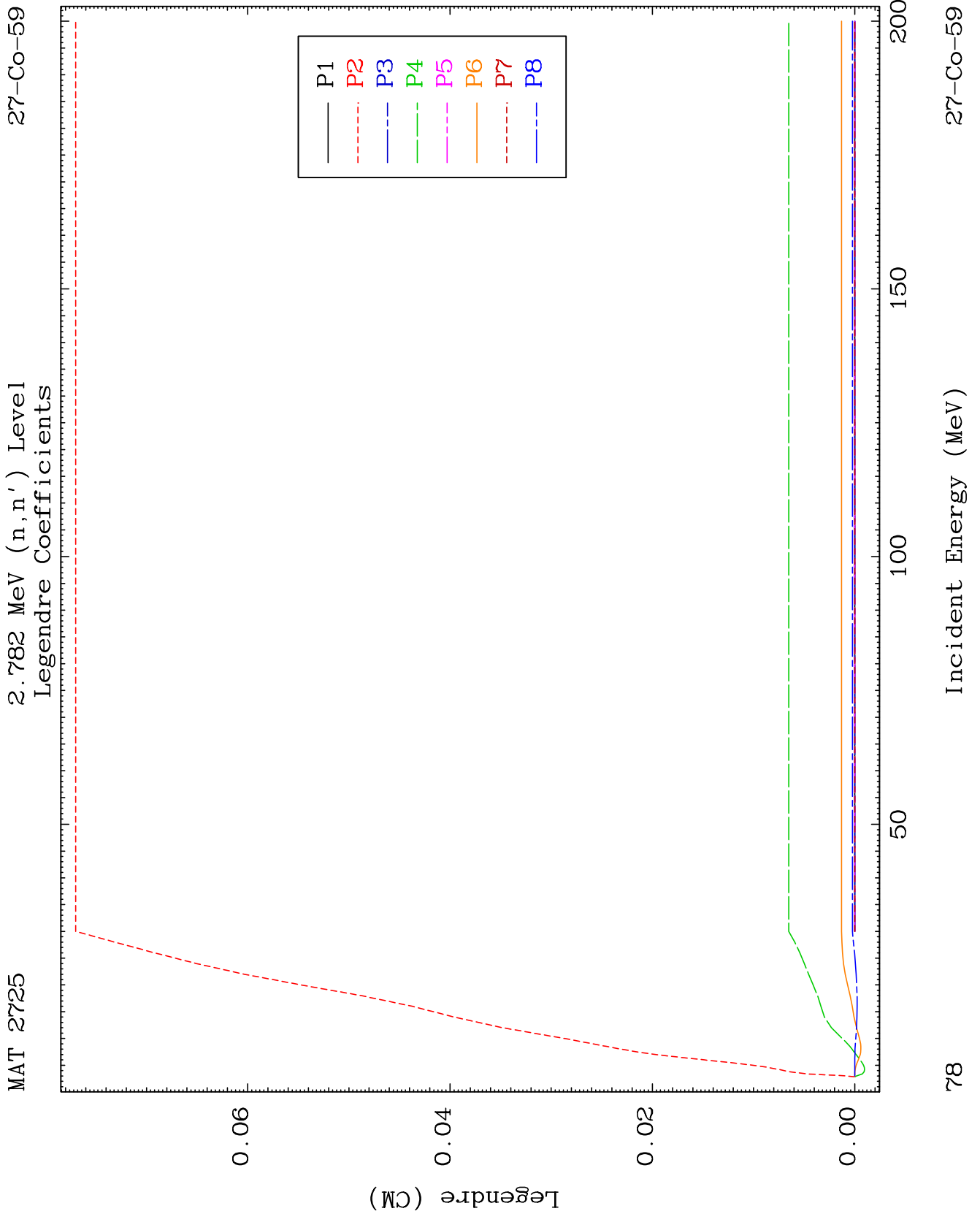
MAT 2725

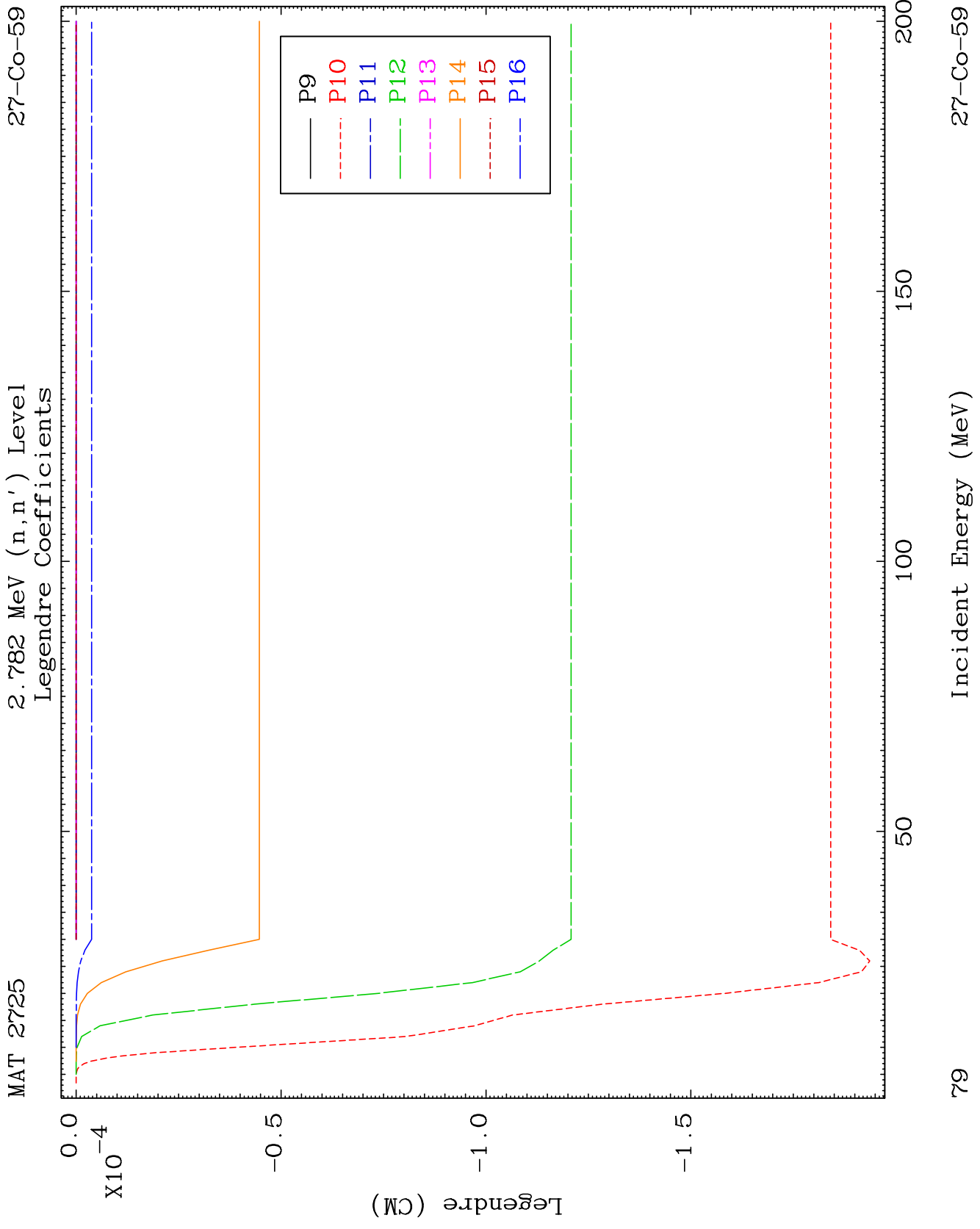
2.770 MeV (n,n') Level
Legendre Coefficients

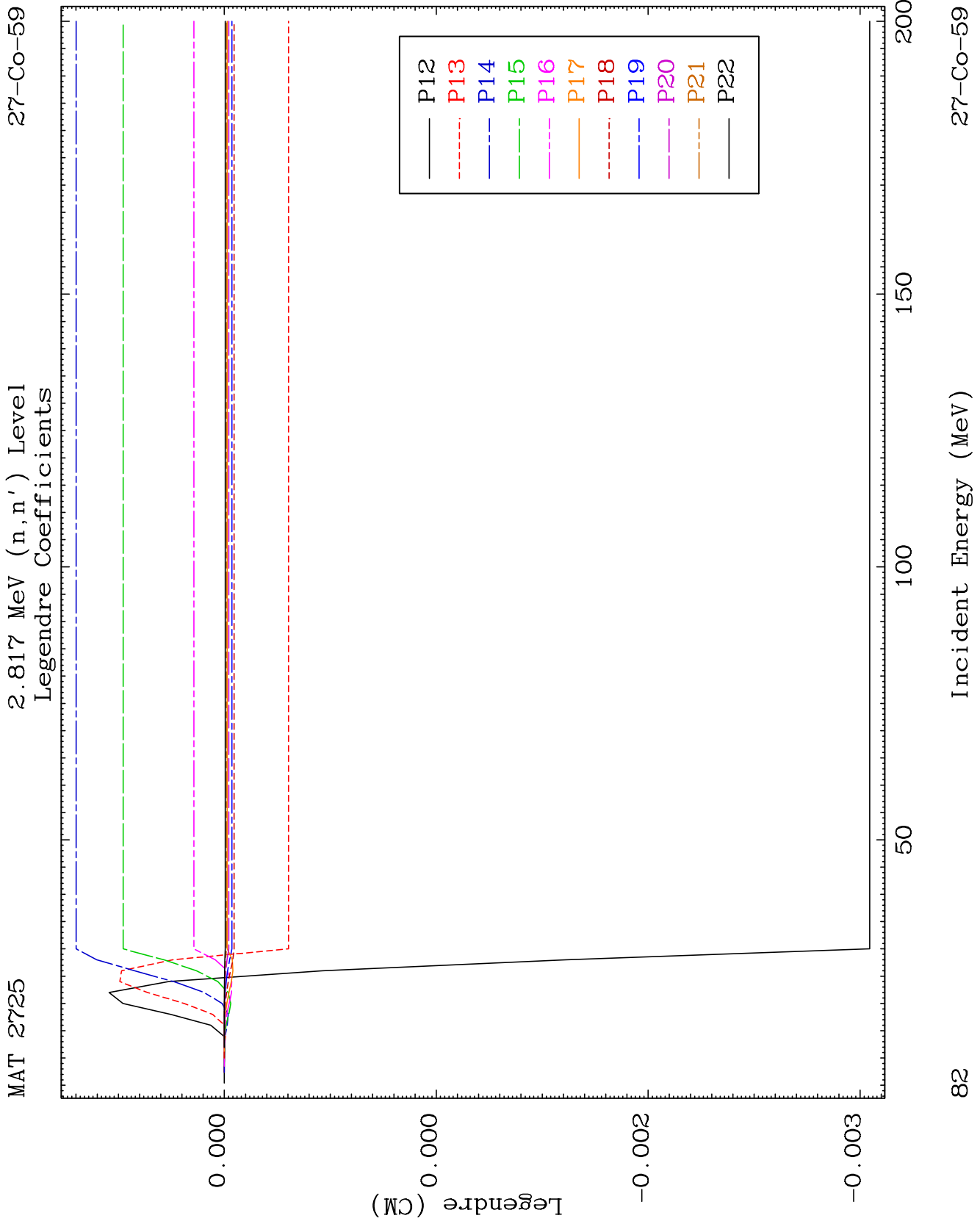
27-Co-59

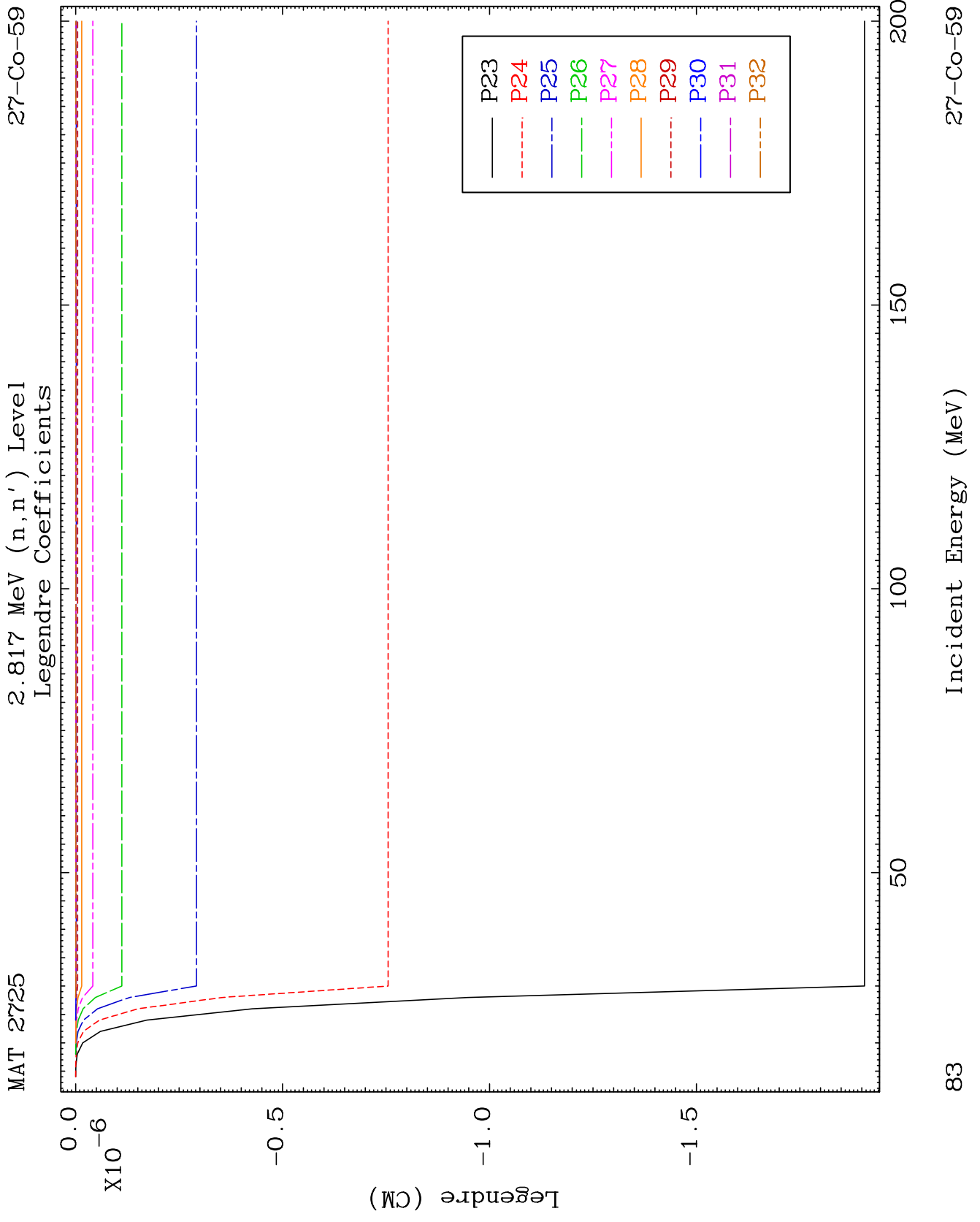


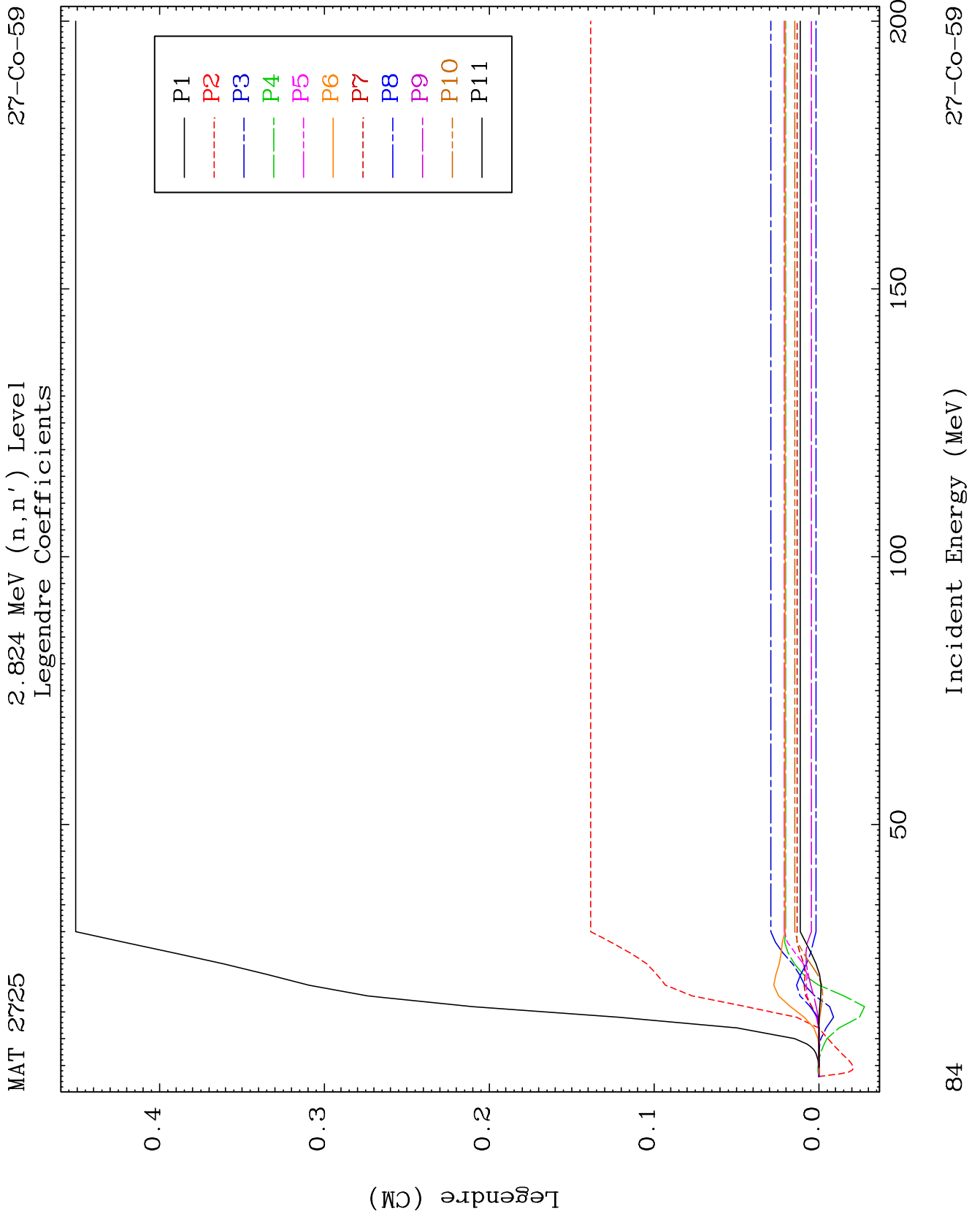


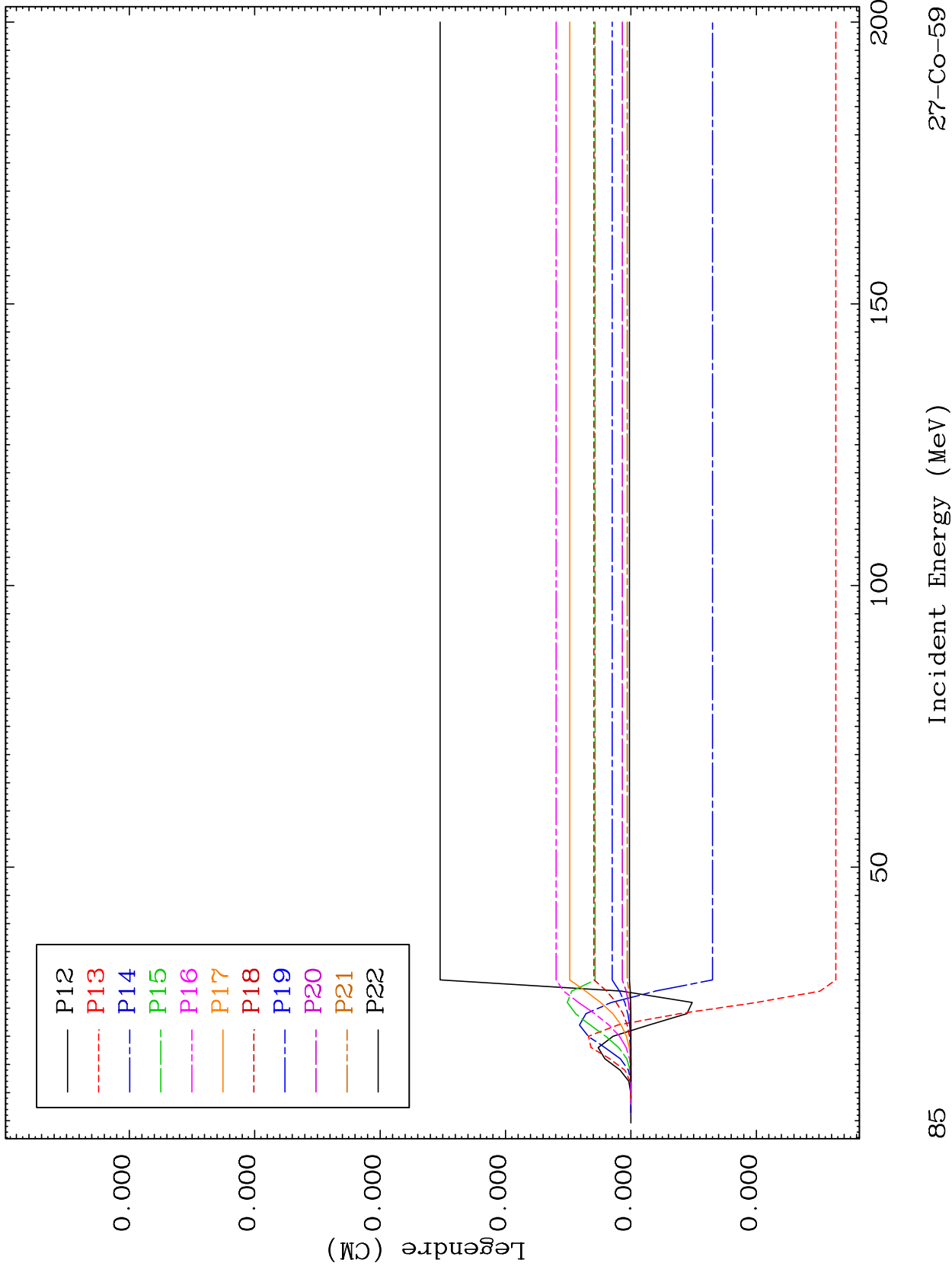


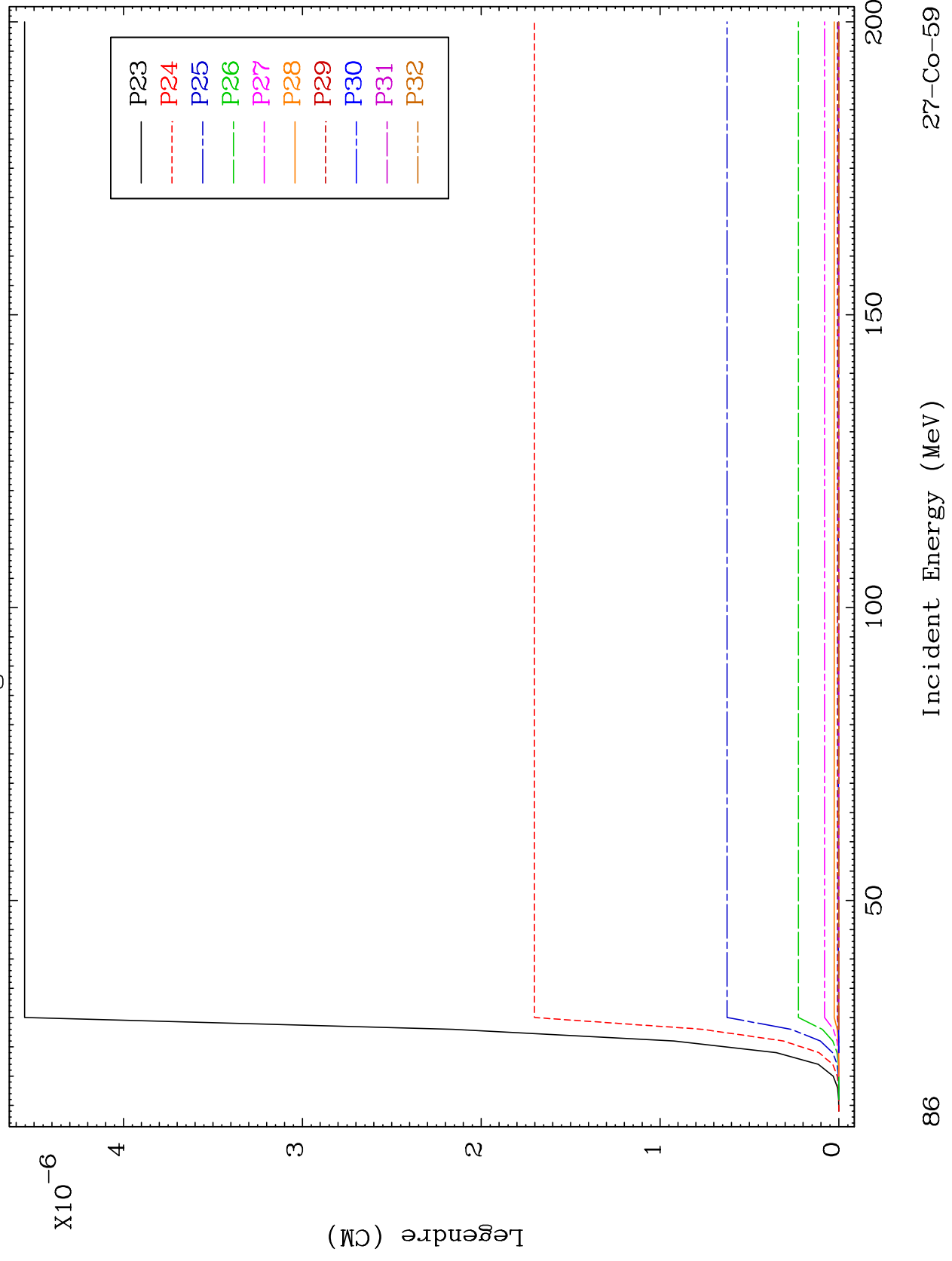


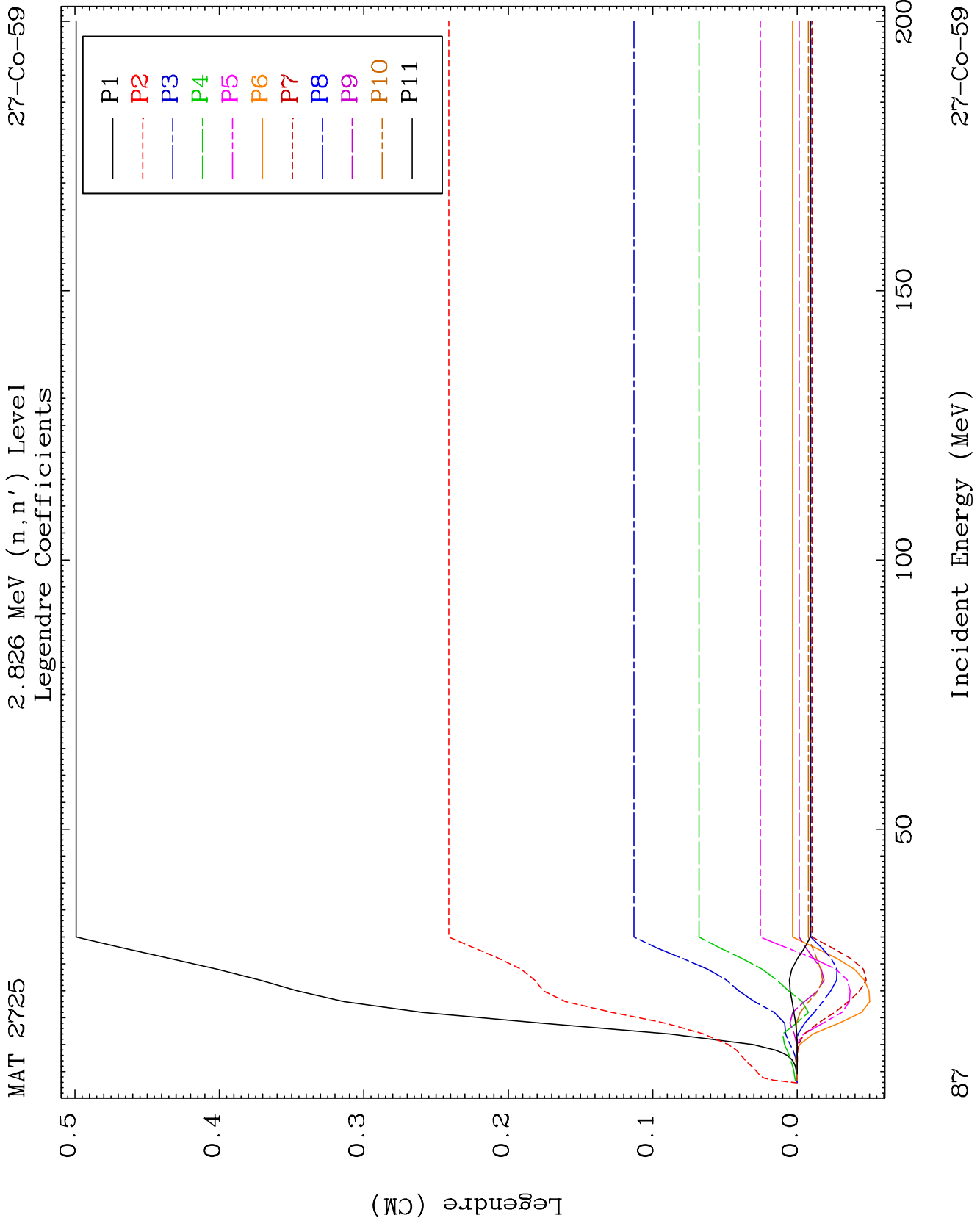


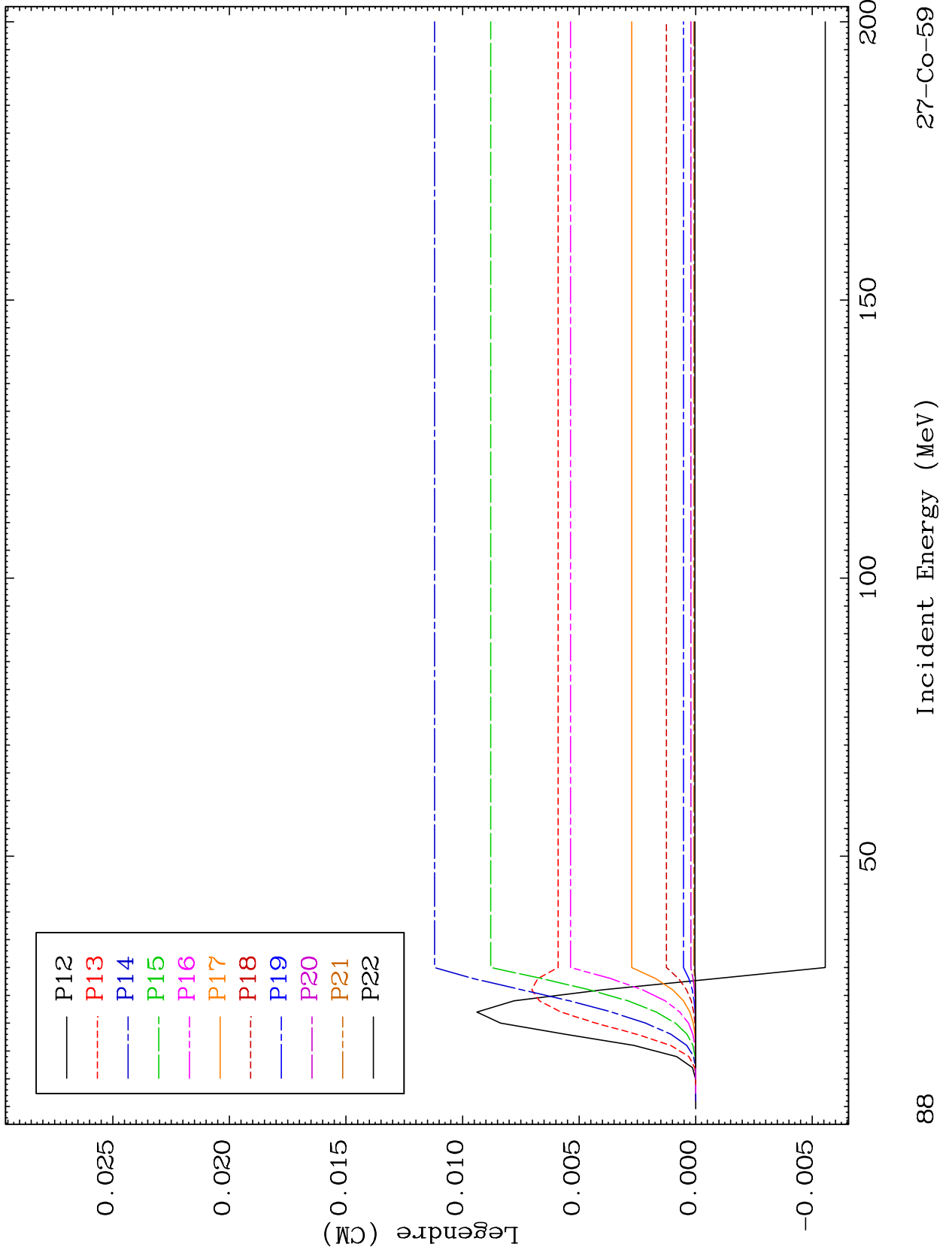


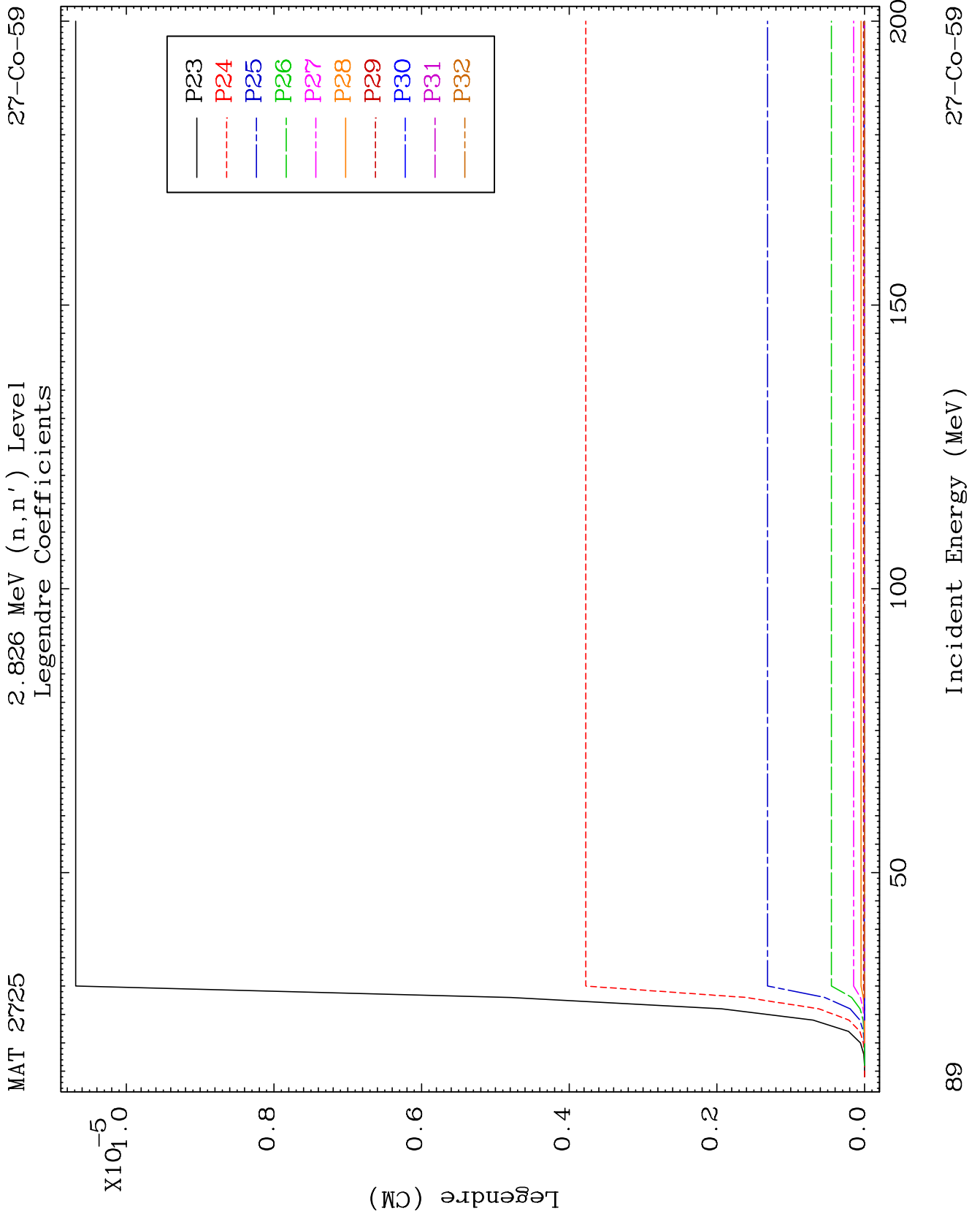


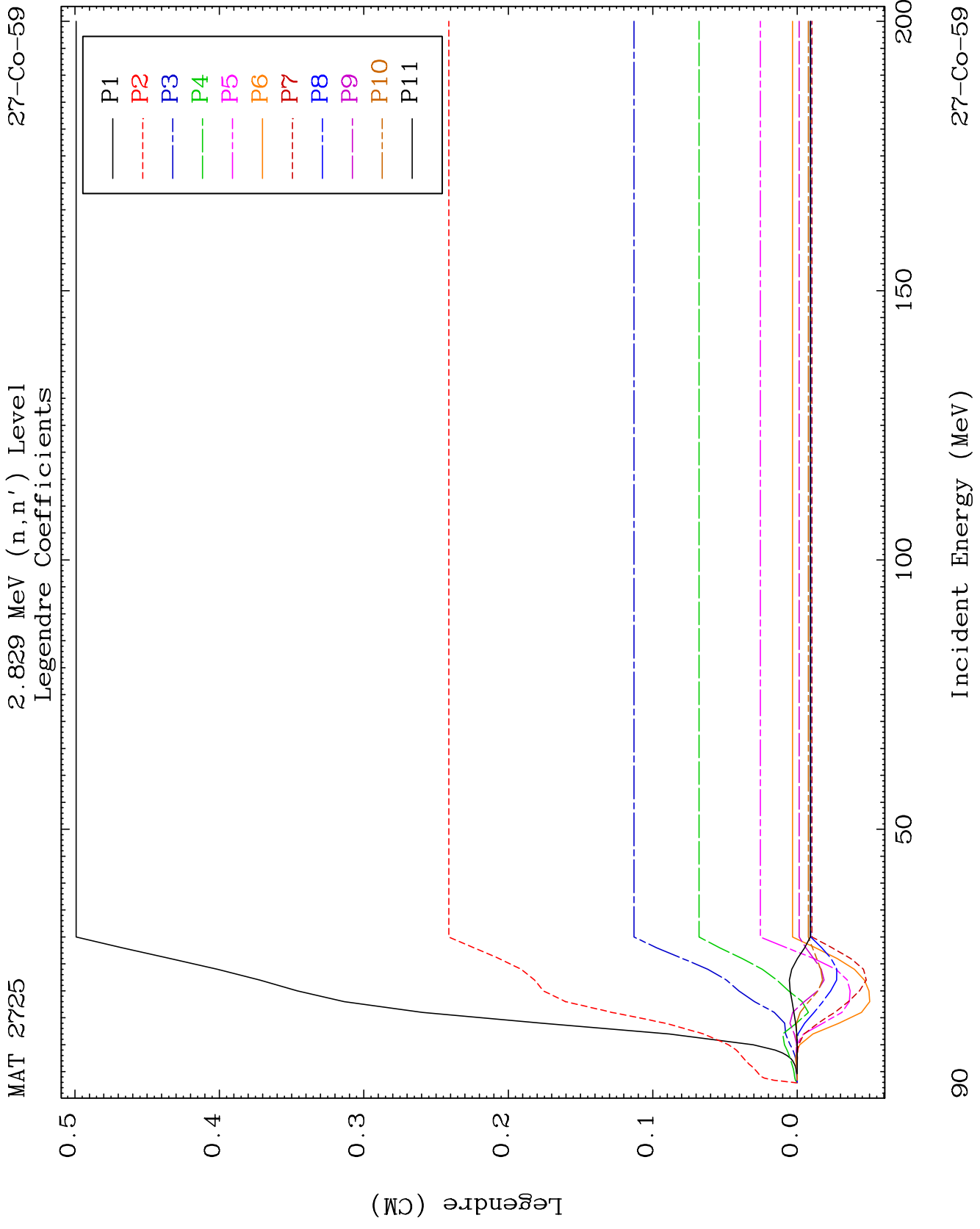


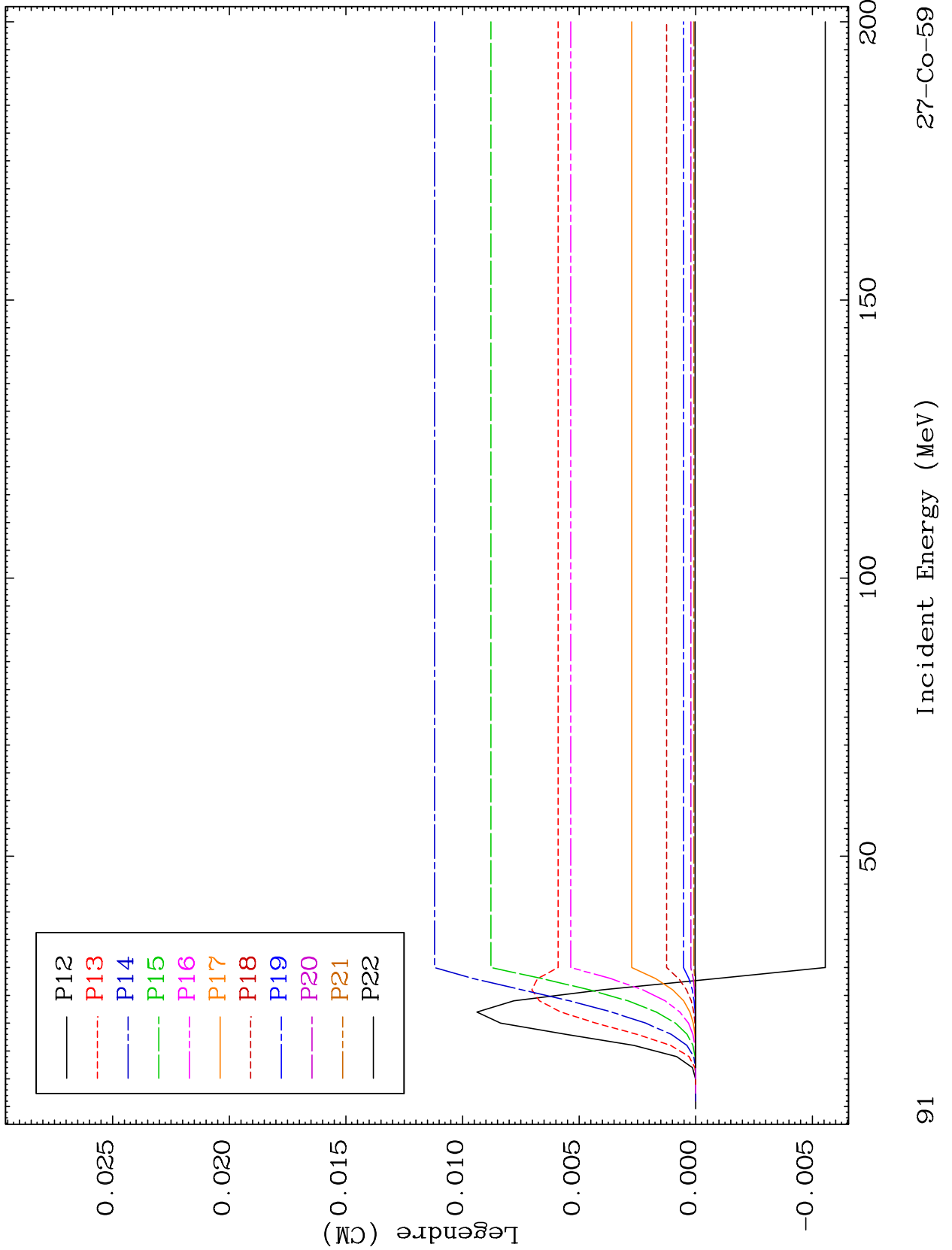


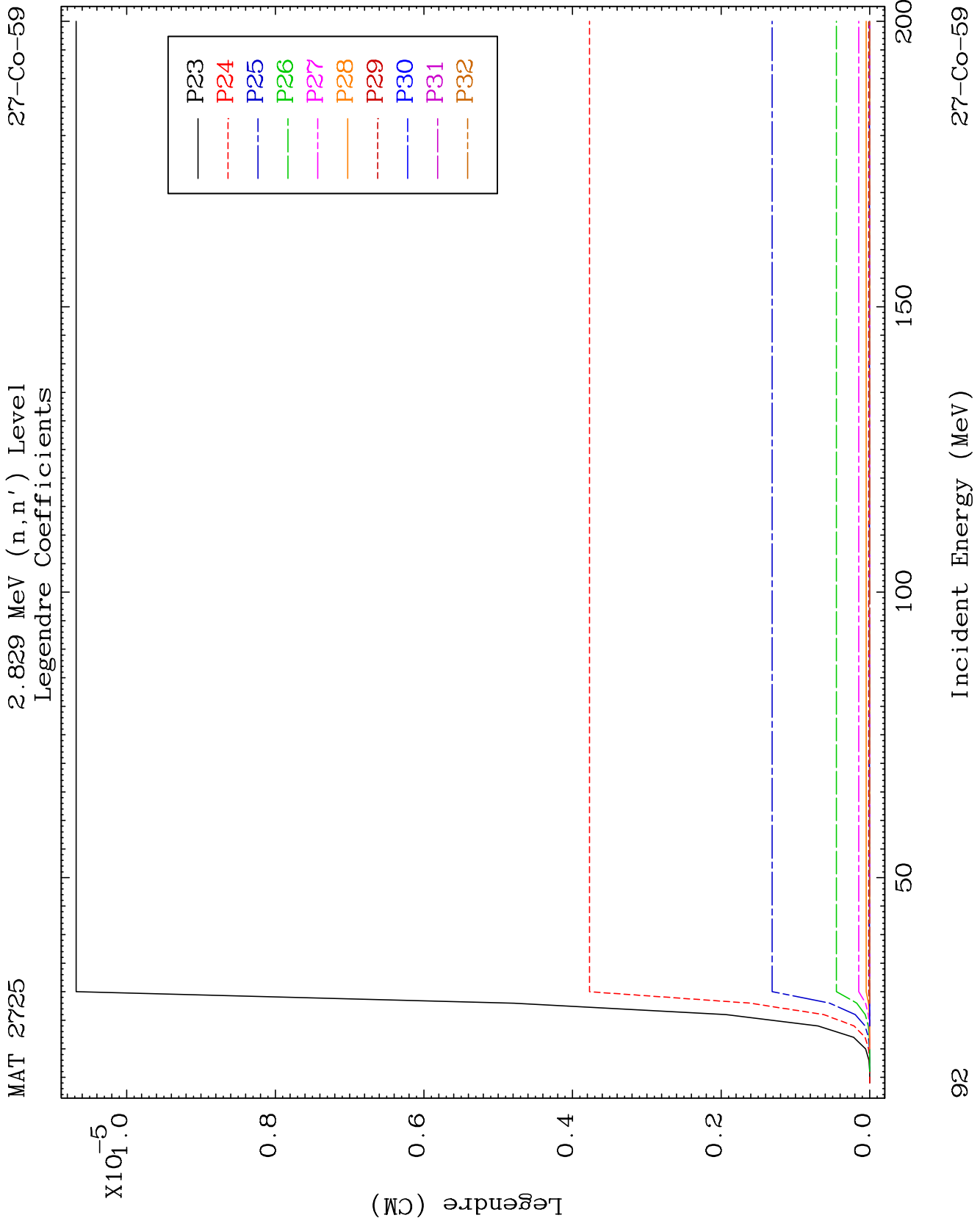


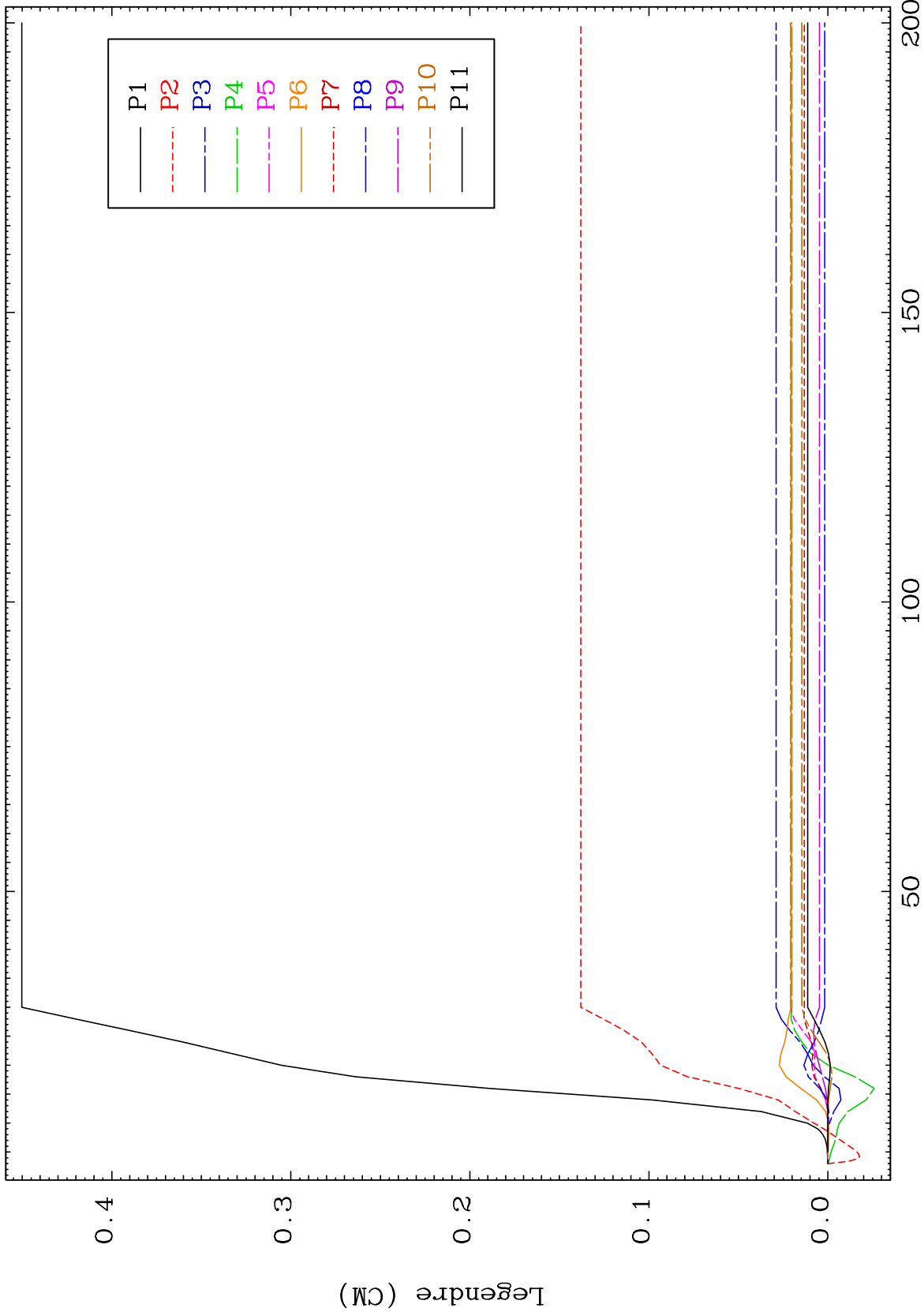


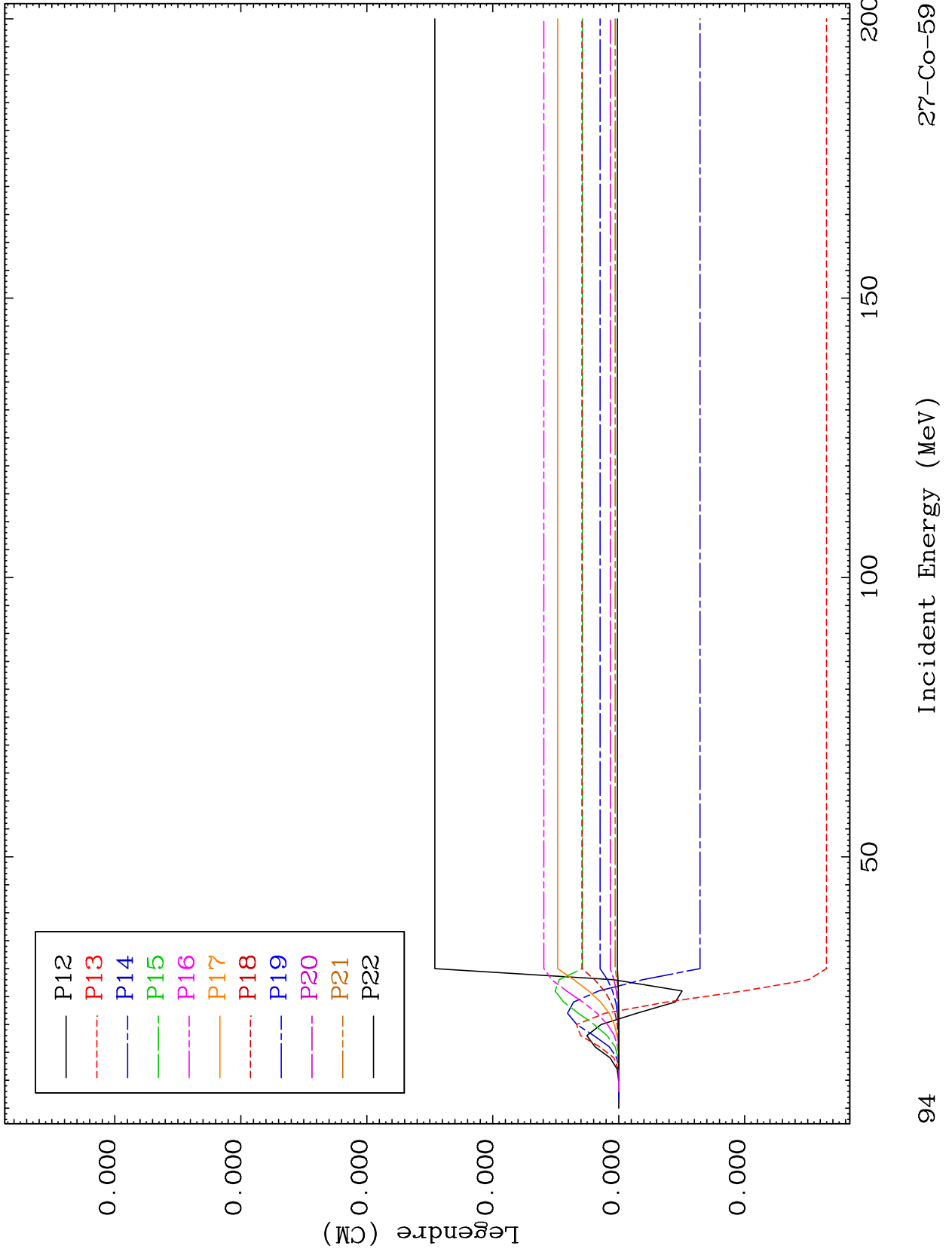








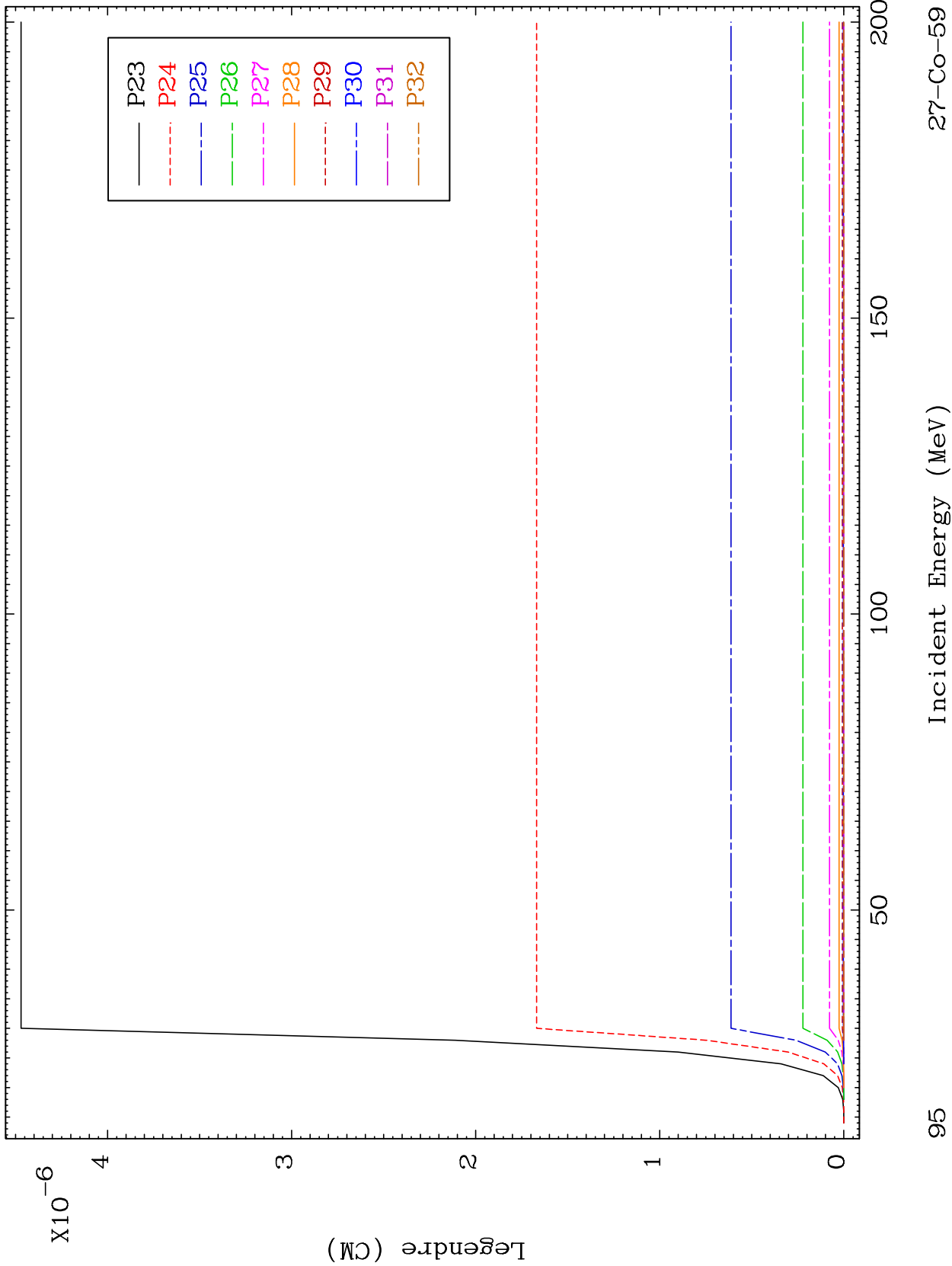




MAT 2725

2.912 MeV (n,n') Level
Legendre Coefficients

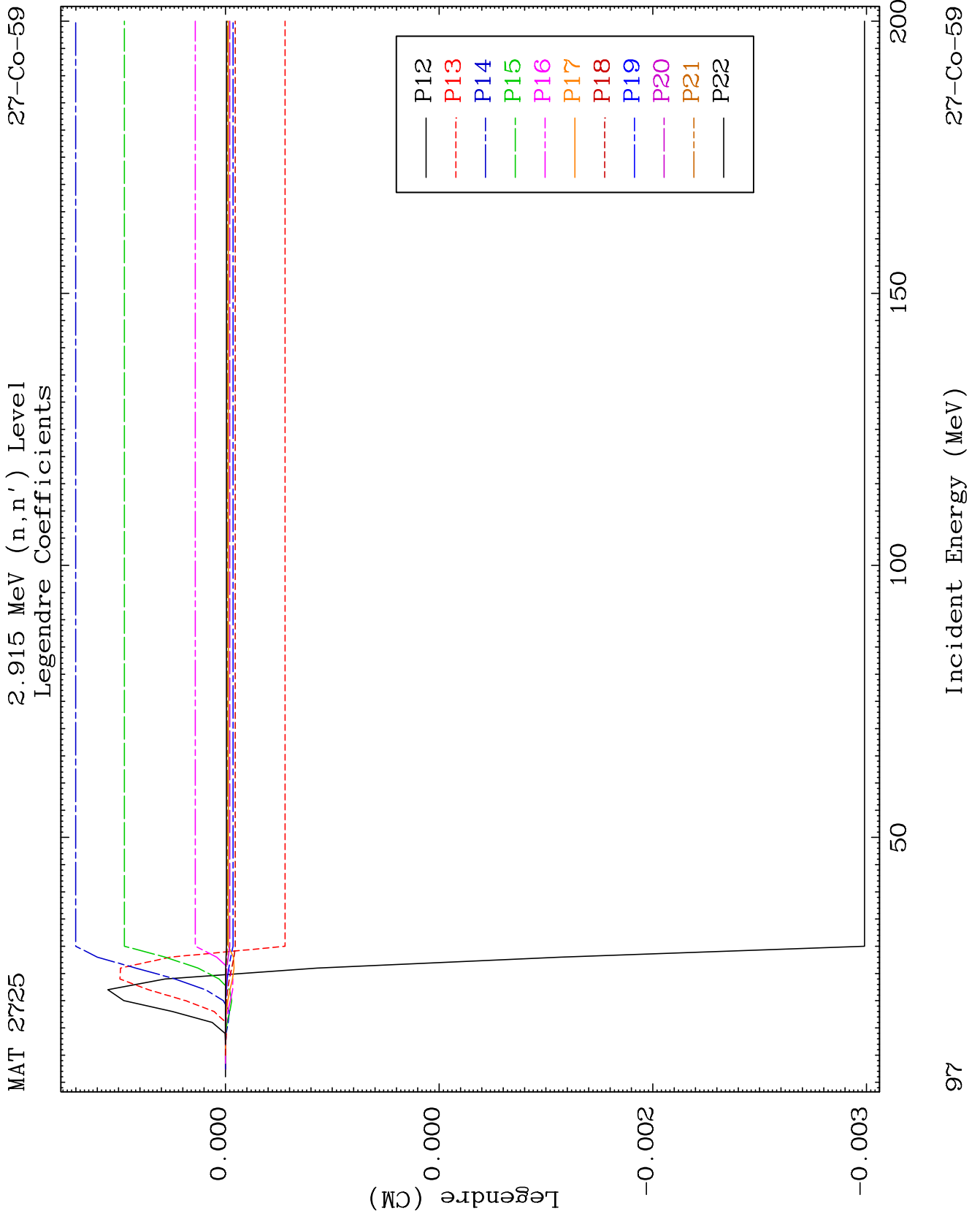
27-Co-59

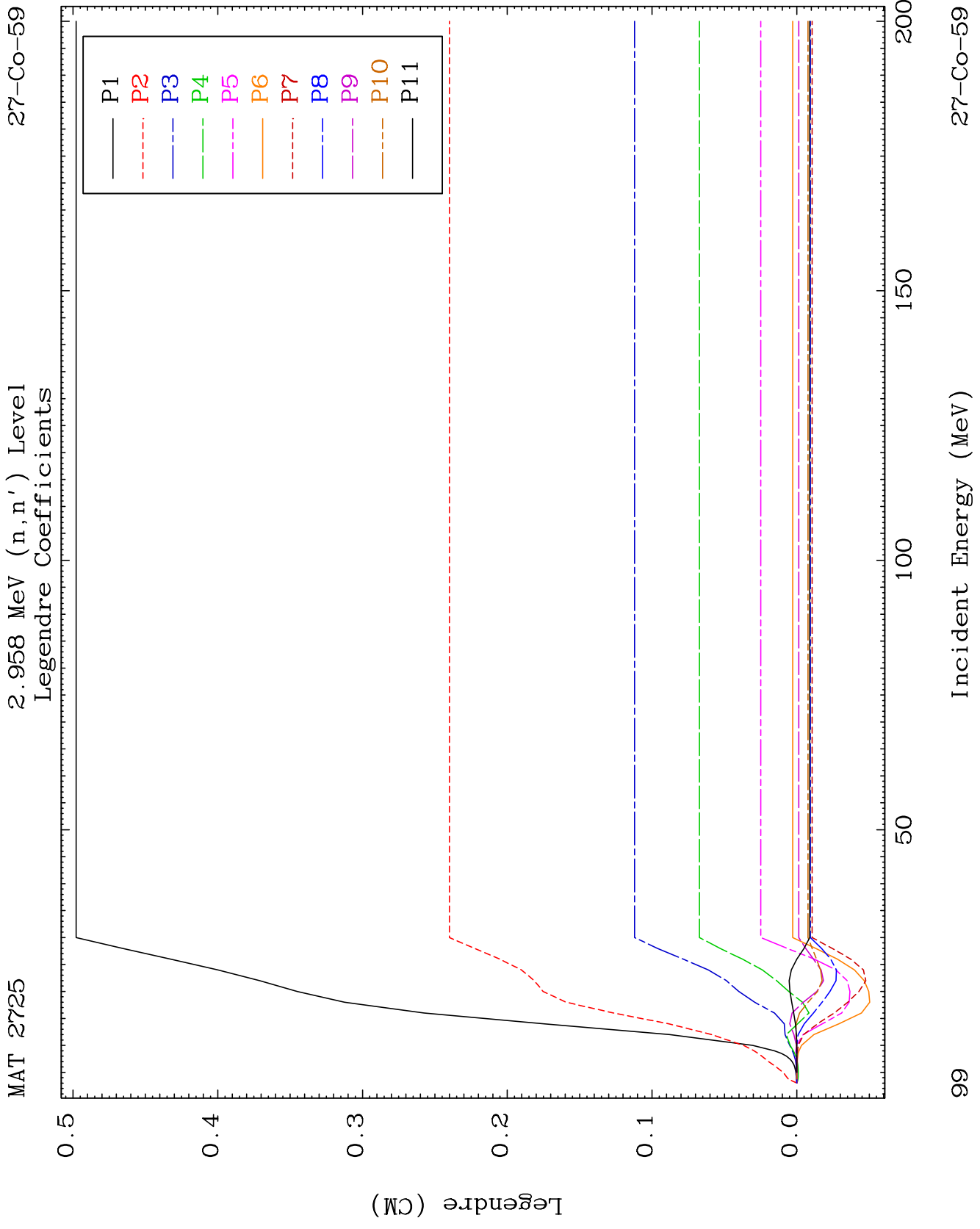


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Incident Energy (MeV)

27-Co-59

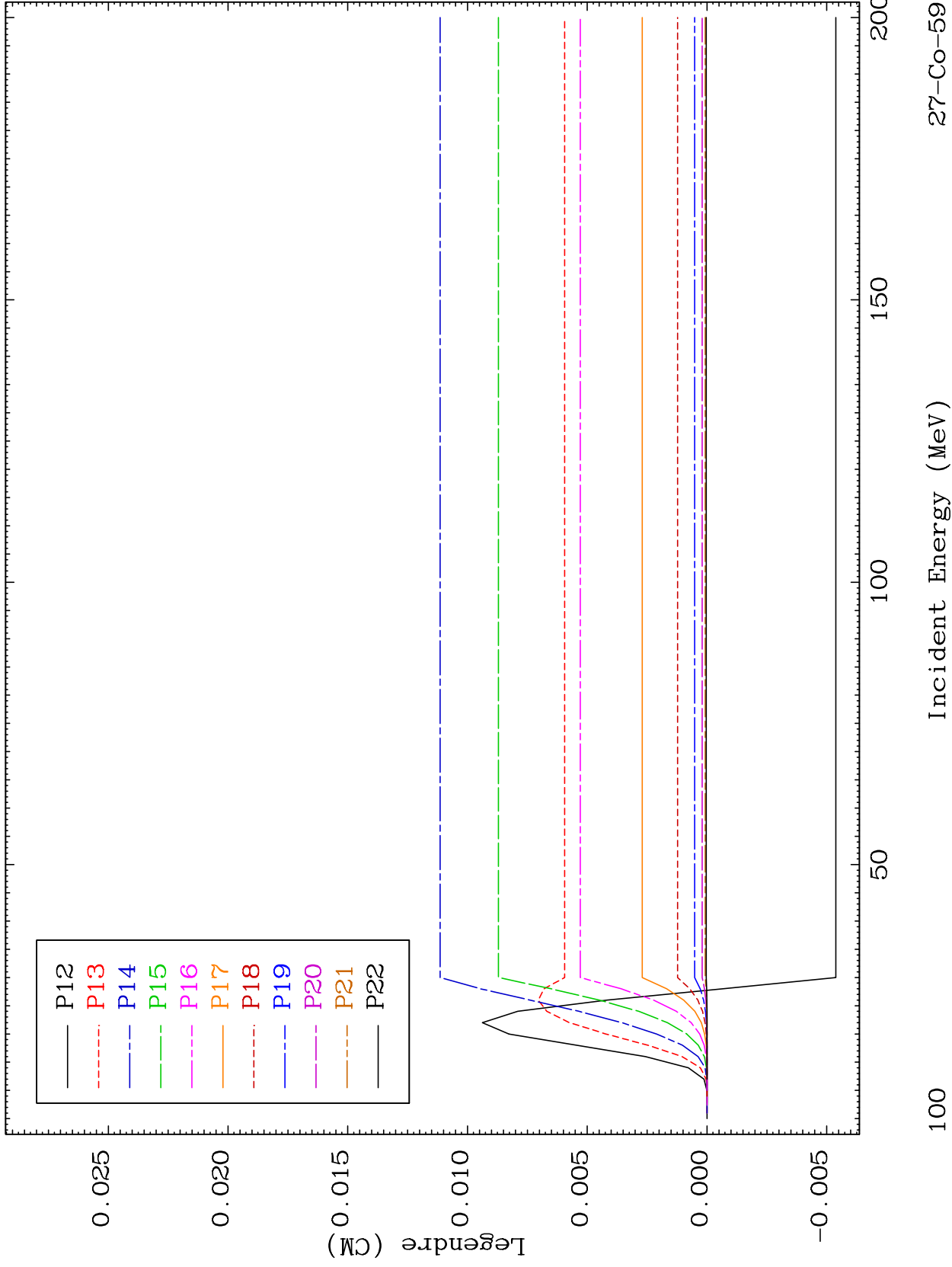




MAT 2725

2.958 MeV (n,n') Level
Legendre Coefficients

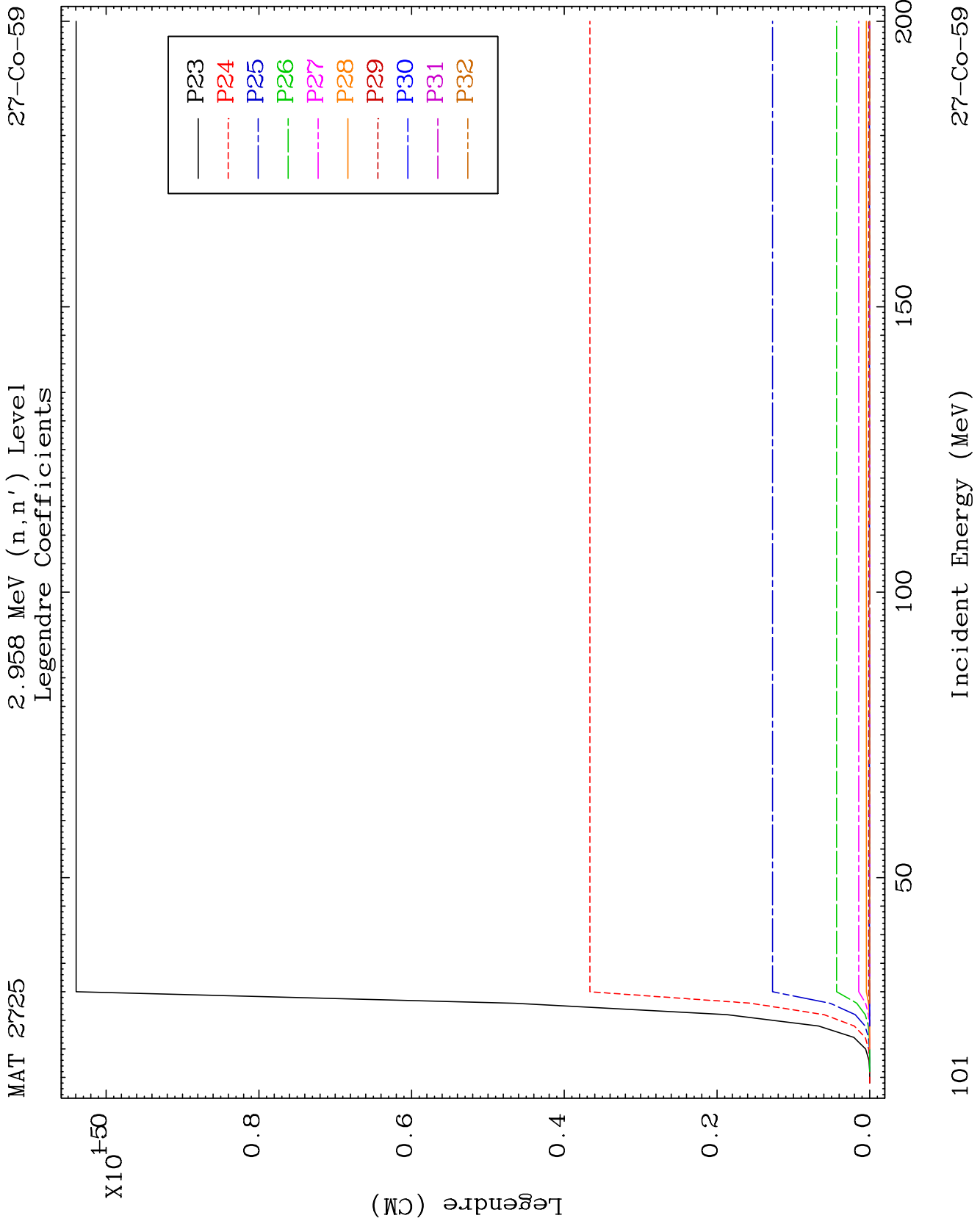
27-Co-59

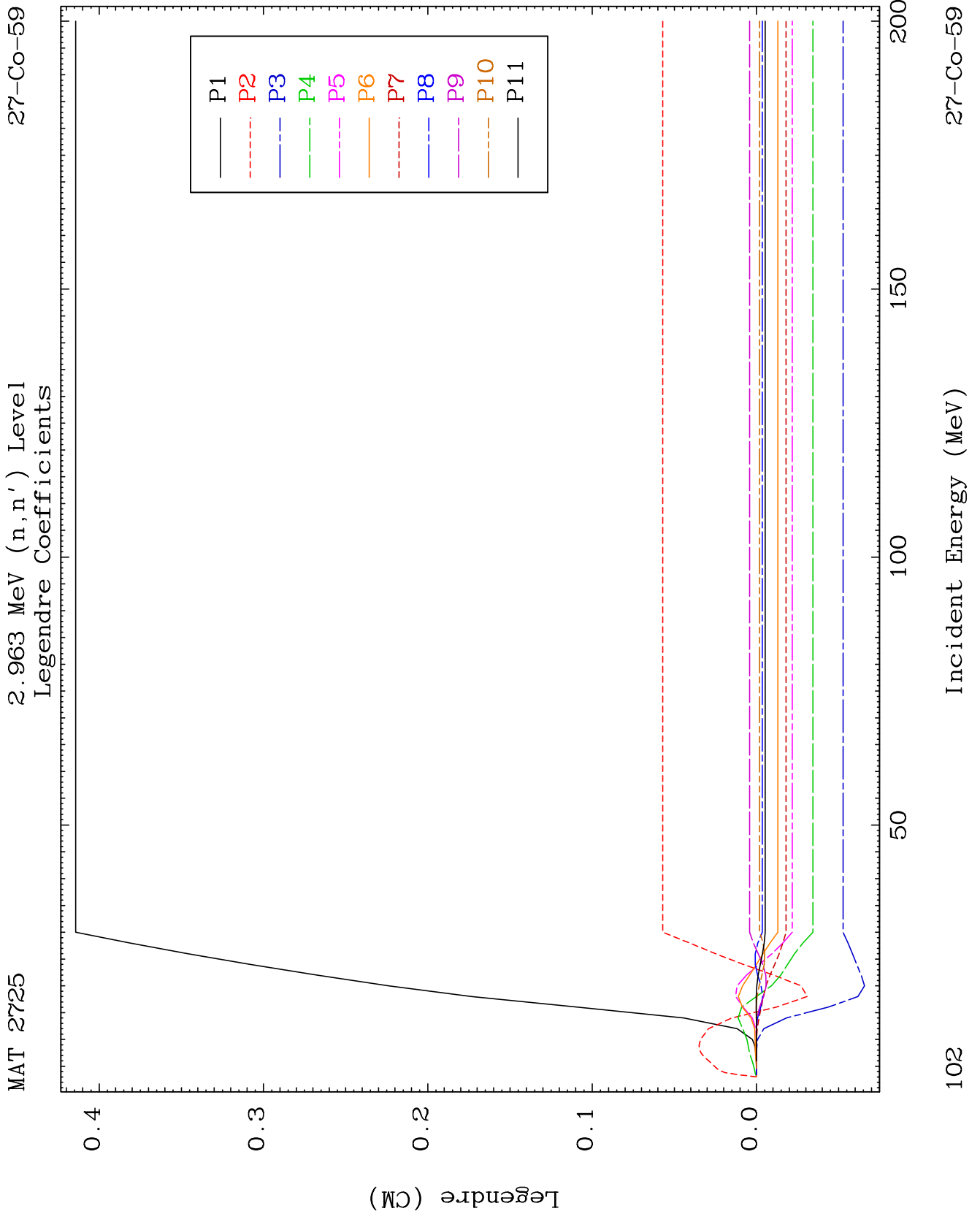


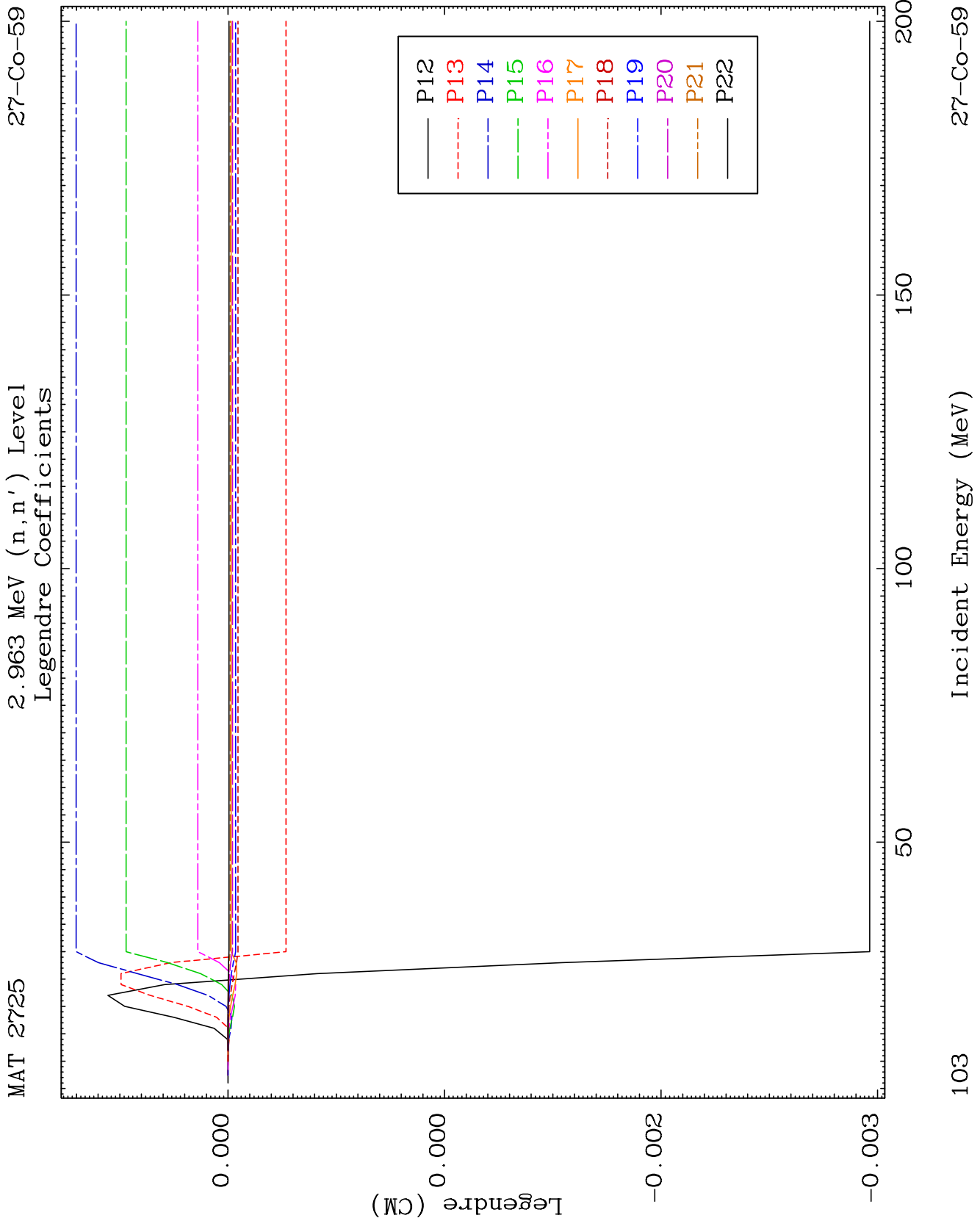
100

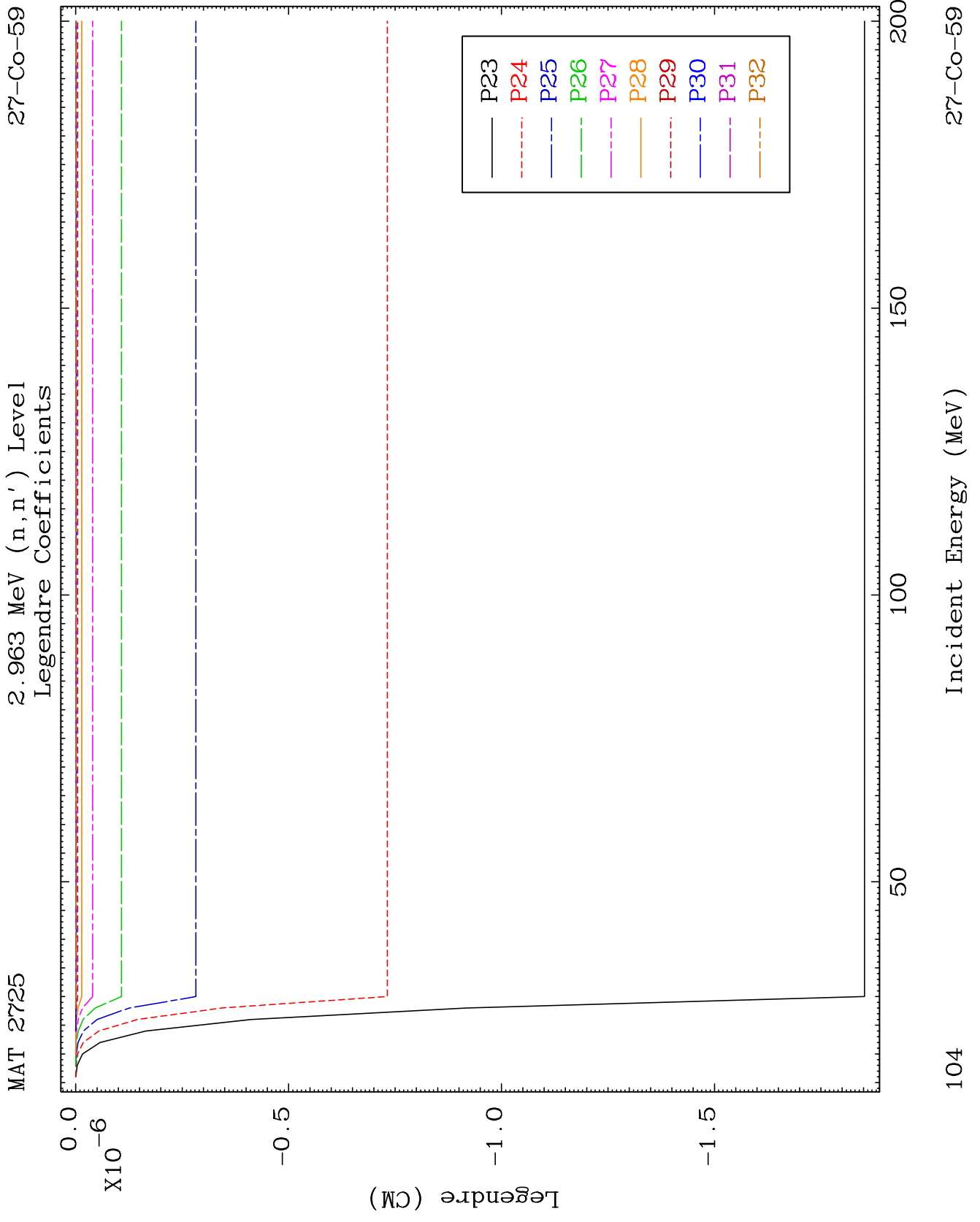
Incident Energy (MeV)

27-Co-59





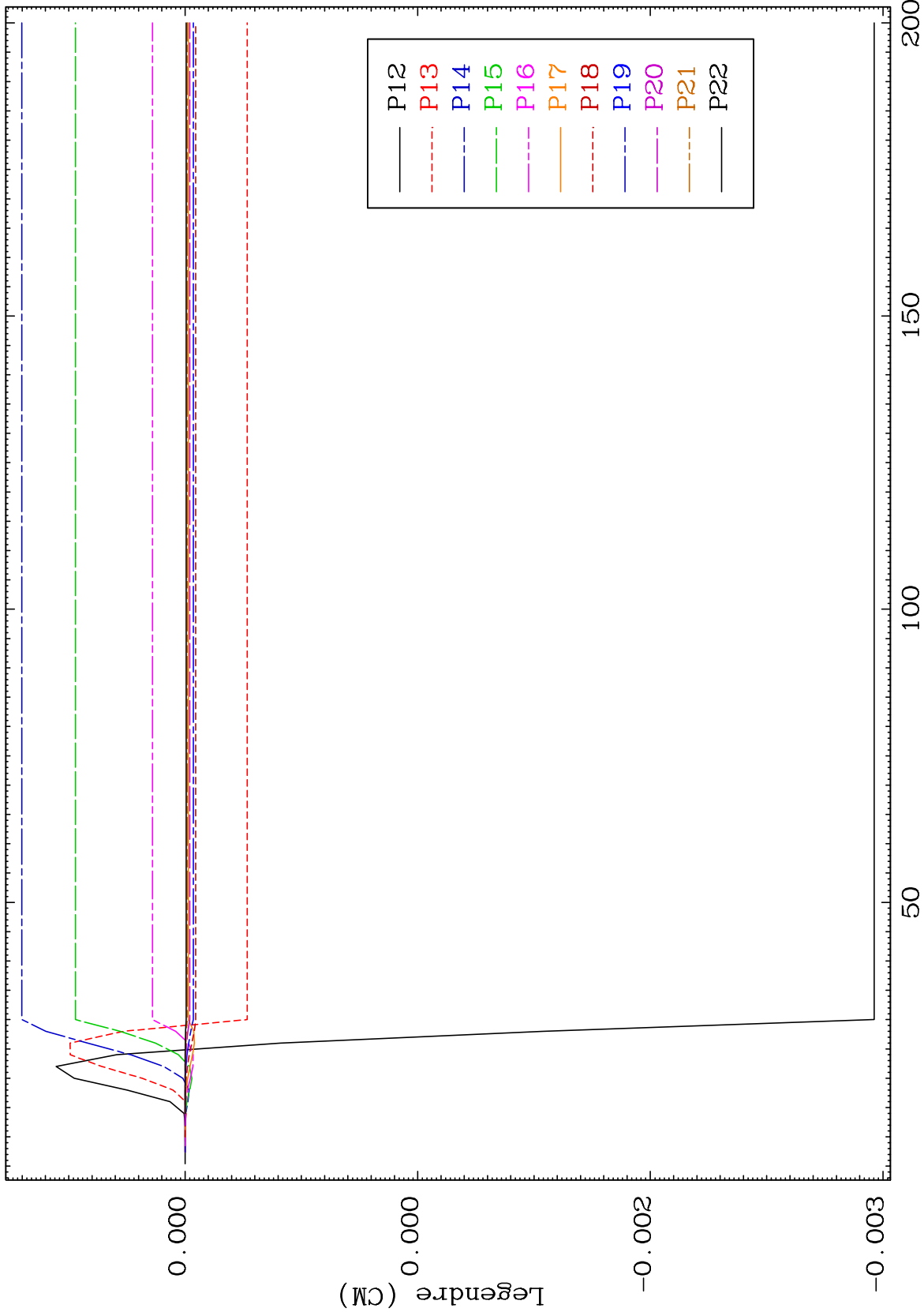




MAT 2725

2.966 MeV (n,n') Level
Legendre Coefficients

27-Co-59



106

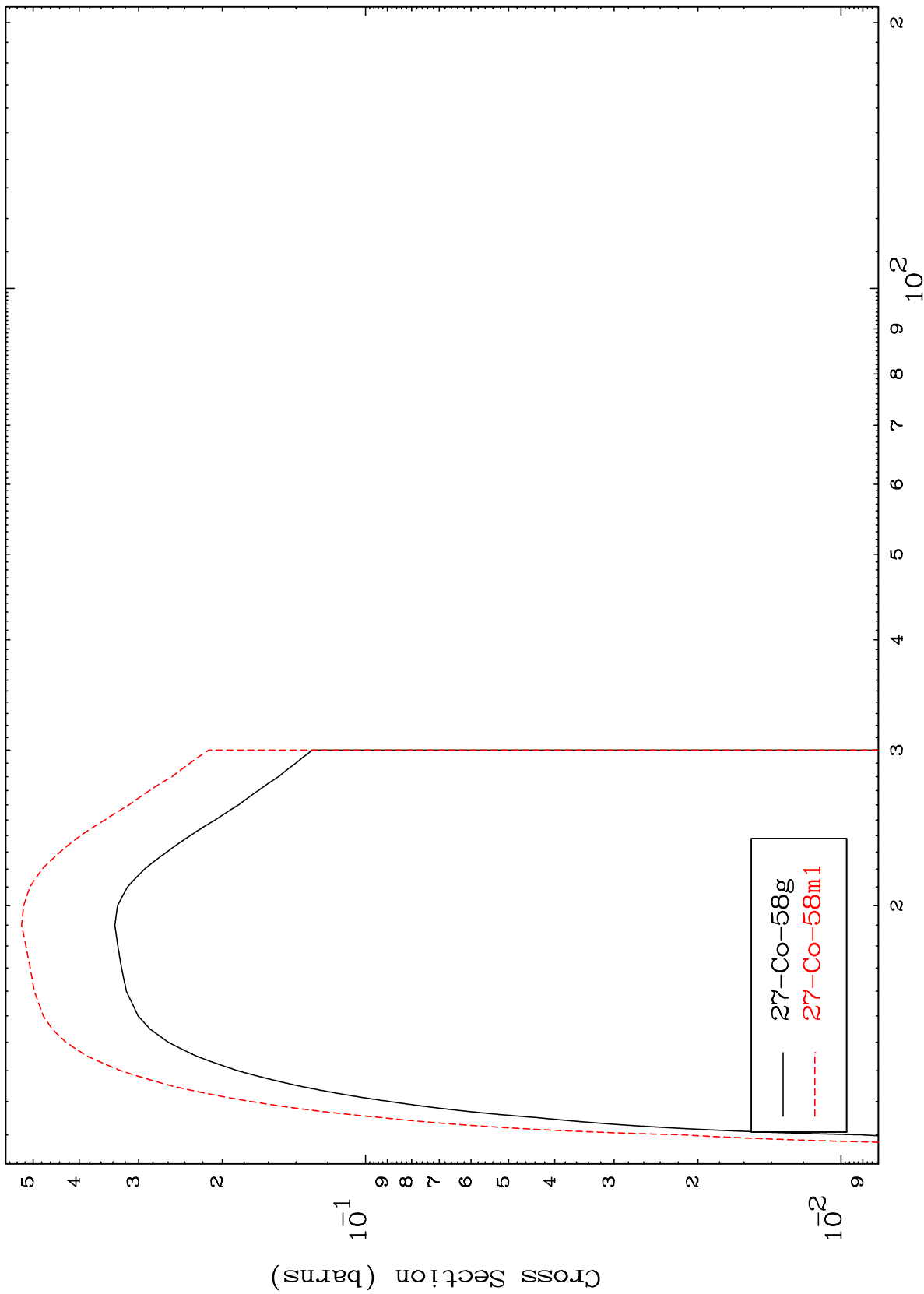
Incident Energy (MeV)

27-Co-59

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27-Co-59

(n,2n)
Radionuclide Production Cross Section



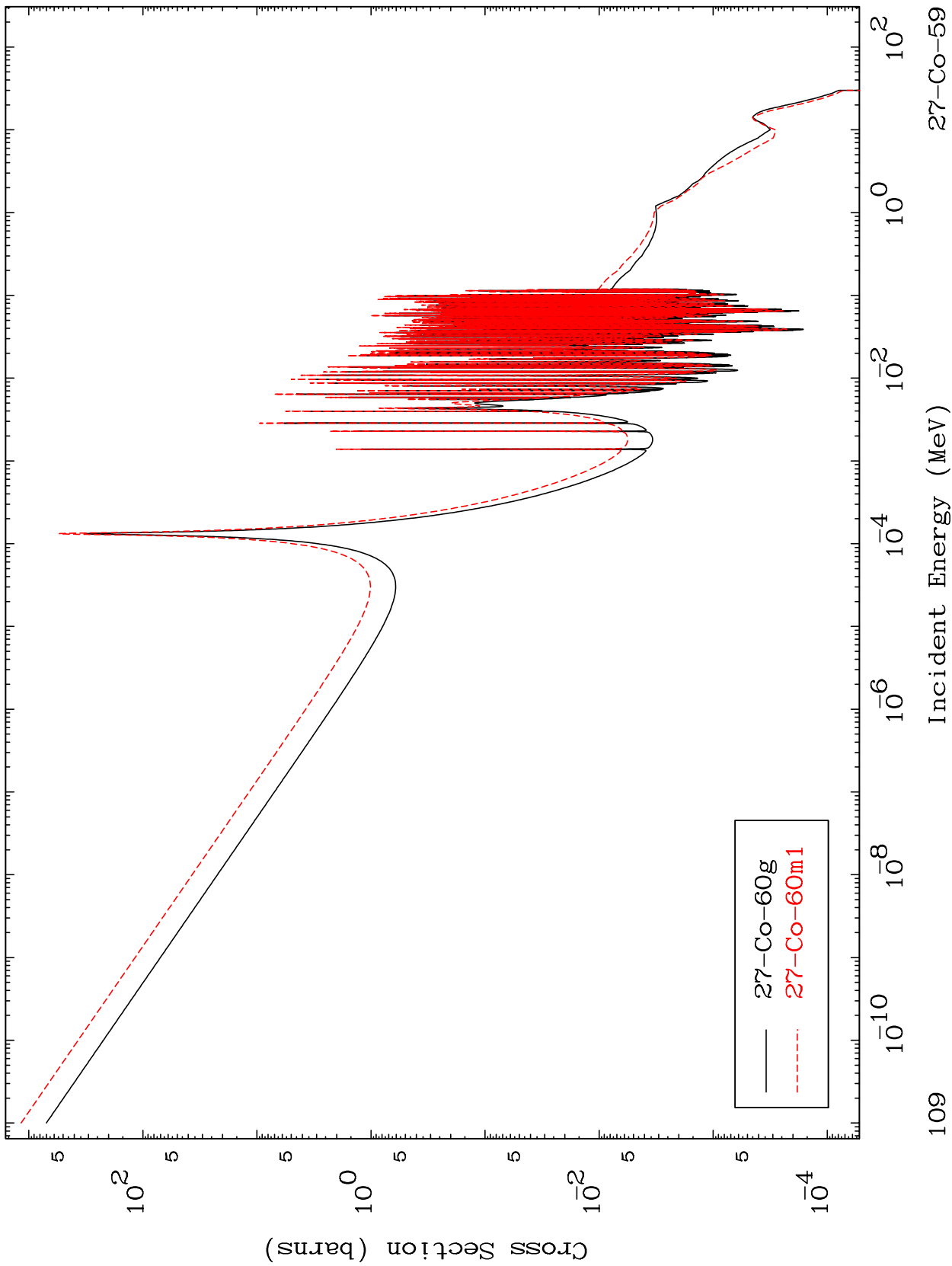
108

27-Co-59

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27-Co-59

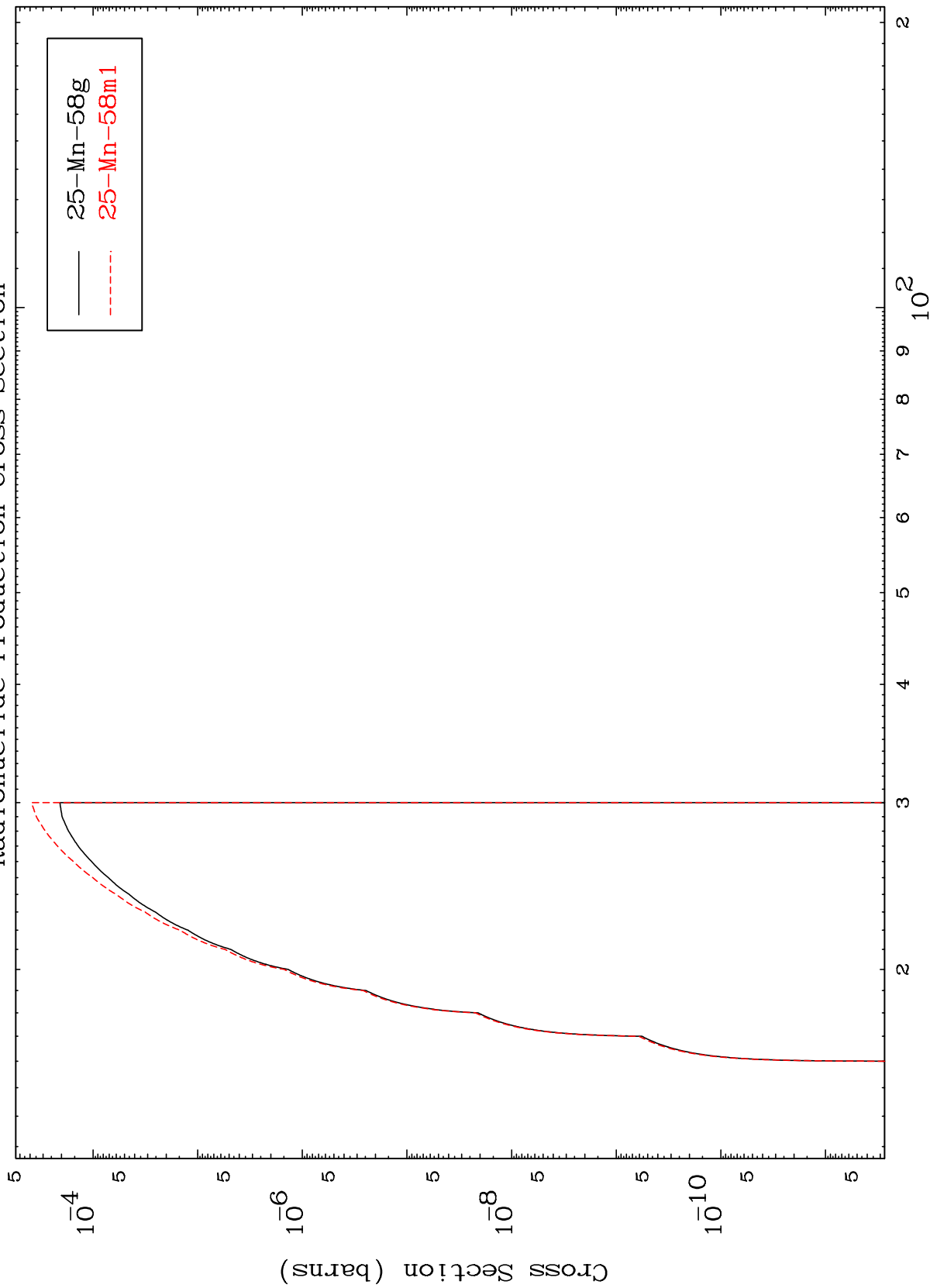
(n, γ)
Radionuclide Production Cross Section



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27-Co-59

(n,2p)
Radionuclide Production Cross Section



25-Mn-58g
25-Mn-58m1

110

Incident Energy (MeV)

27-Co-59