

Program EVALPLOT
(Version 2015-2)

by

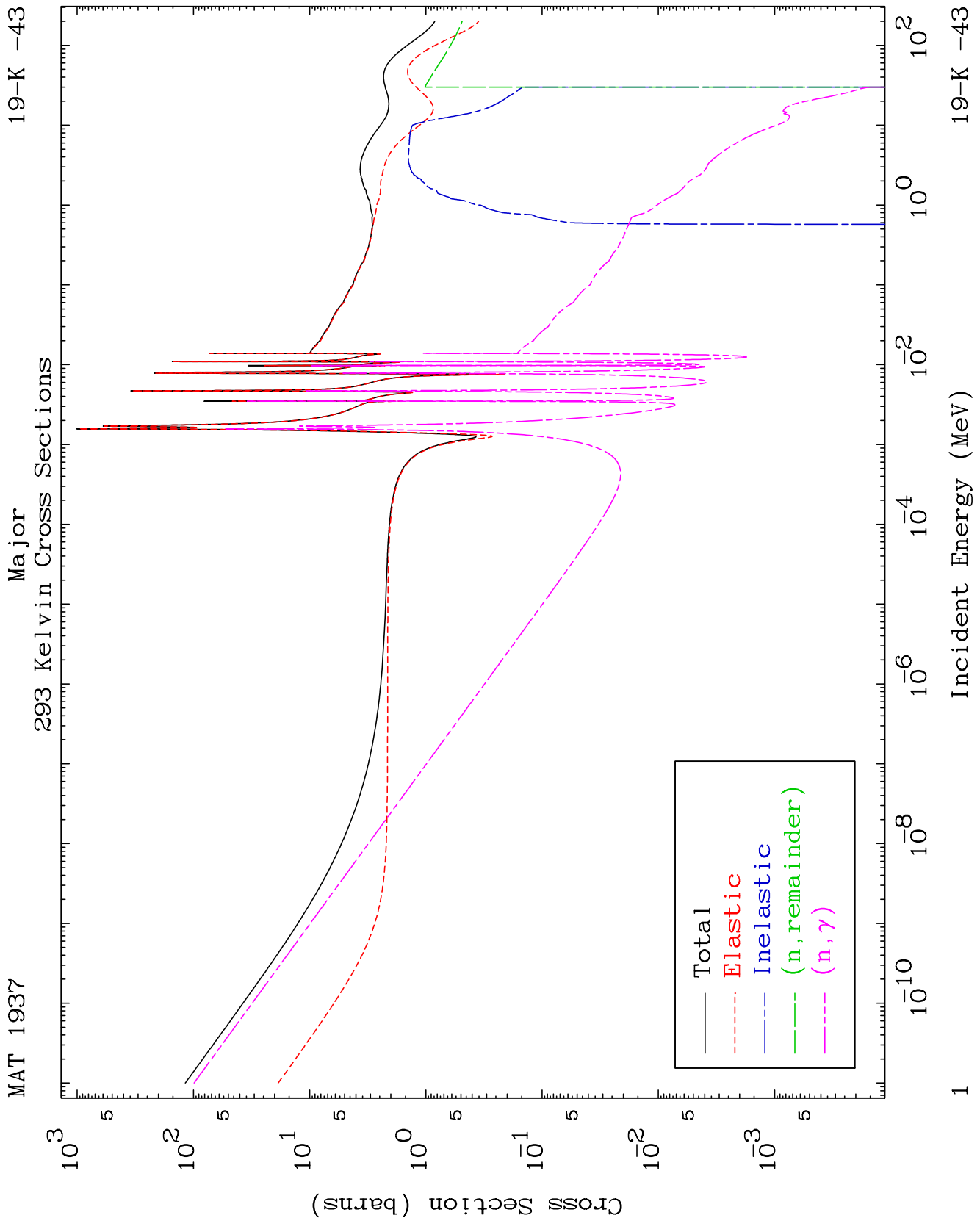
Dermott E. Cullen
(Present Contact Information)

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Web:home.comcast.net/~redcullen1

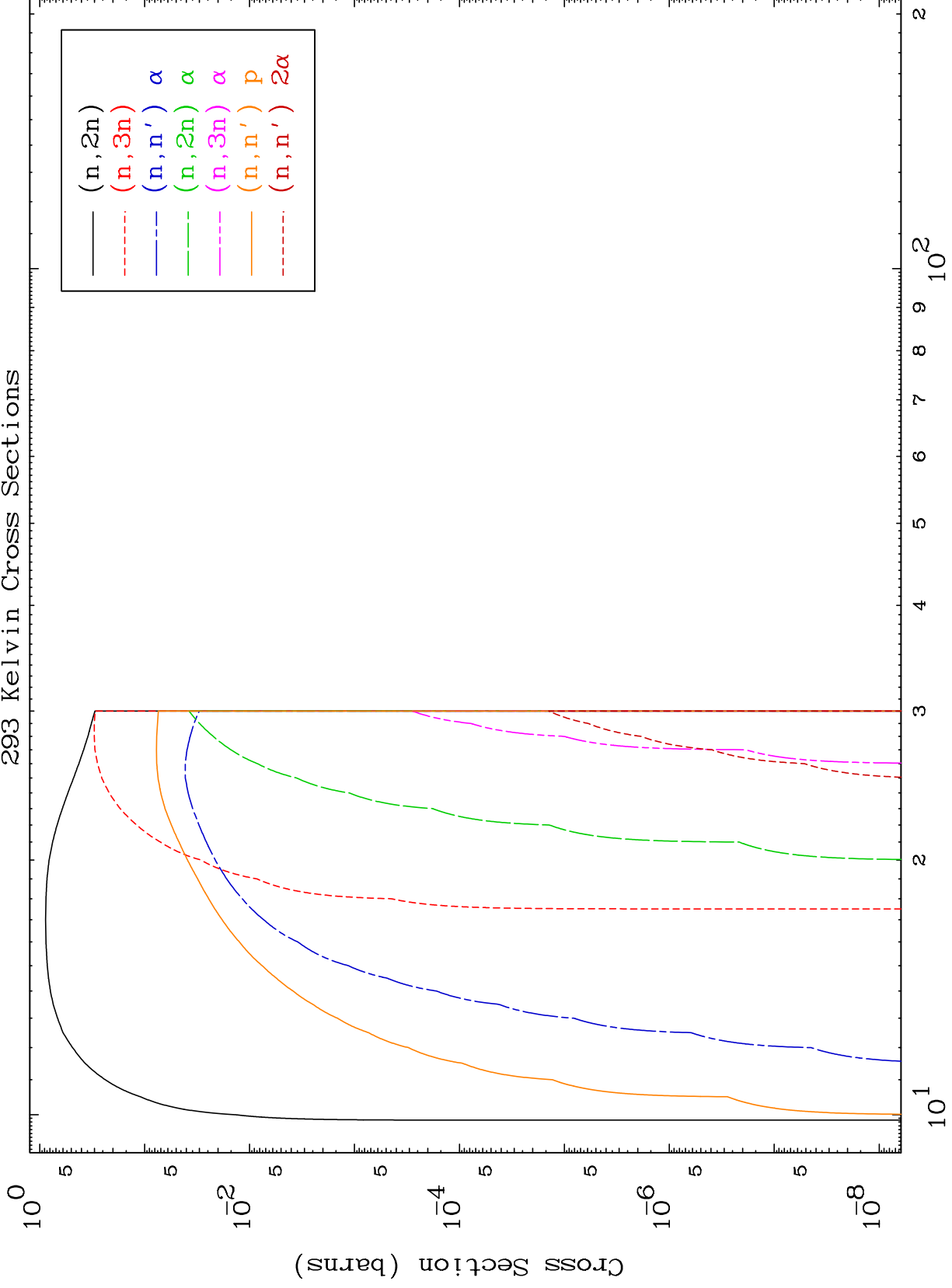
Press Mouse Button to Start



MAT 1937

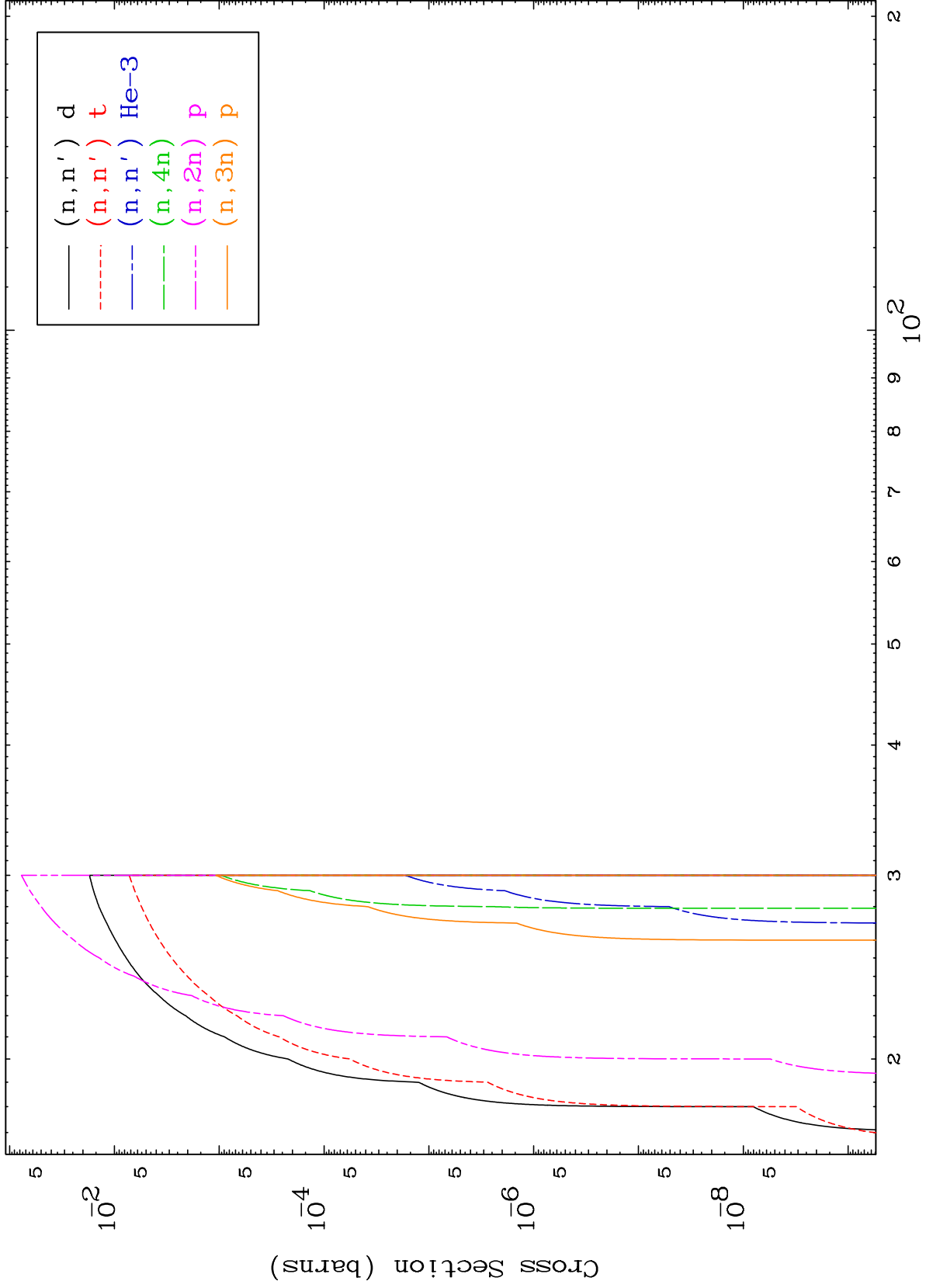
Neutron Production
293 Kelvin Cross Sections

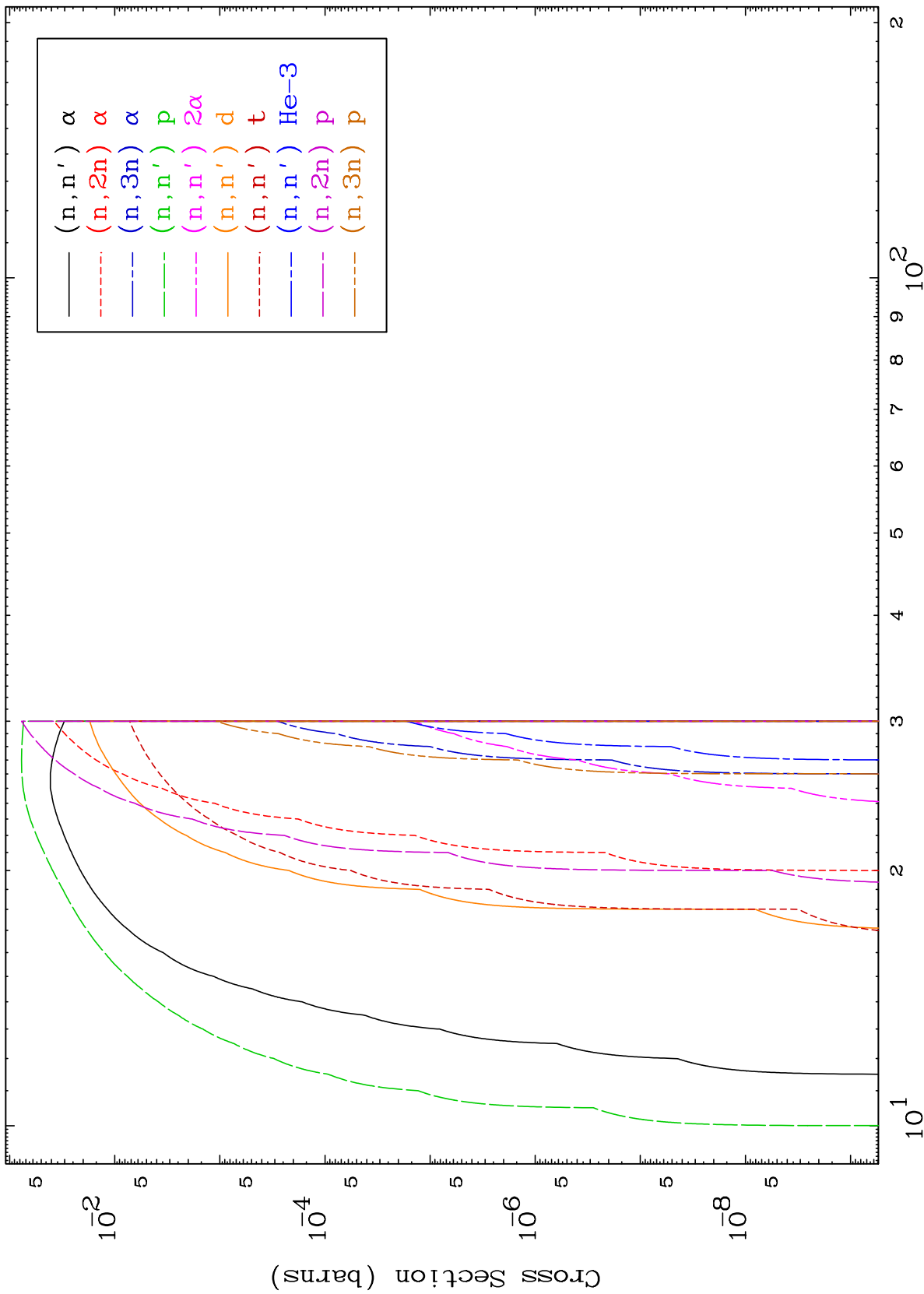
19-K -43

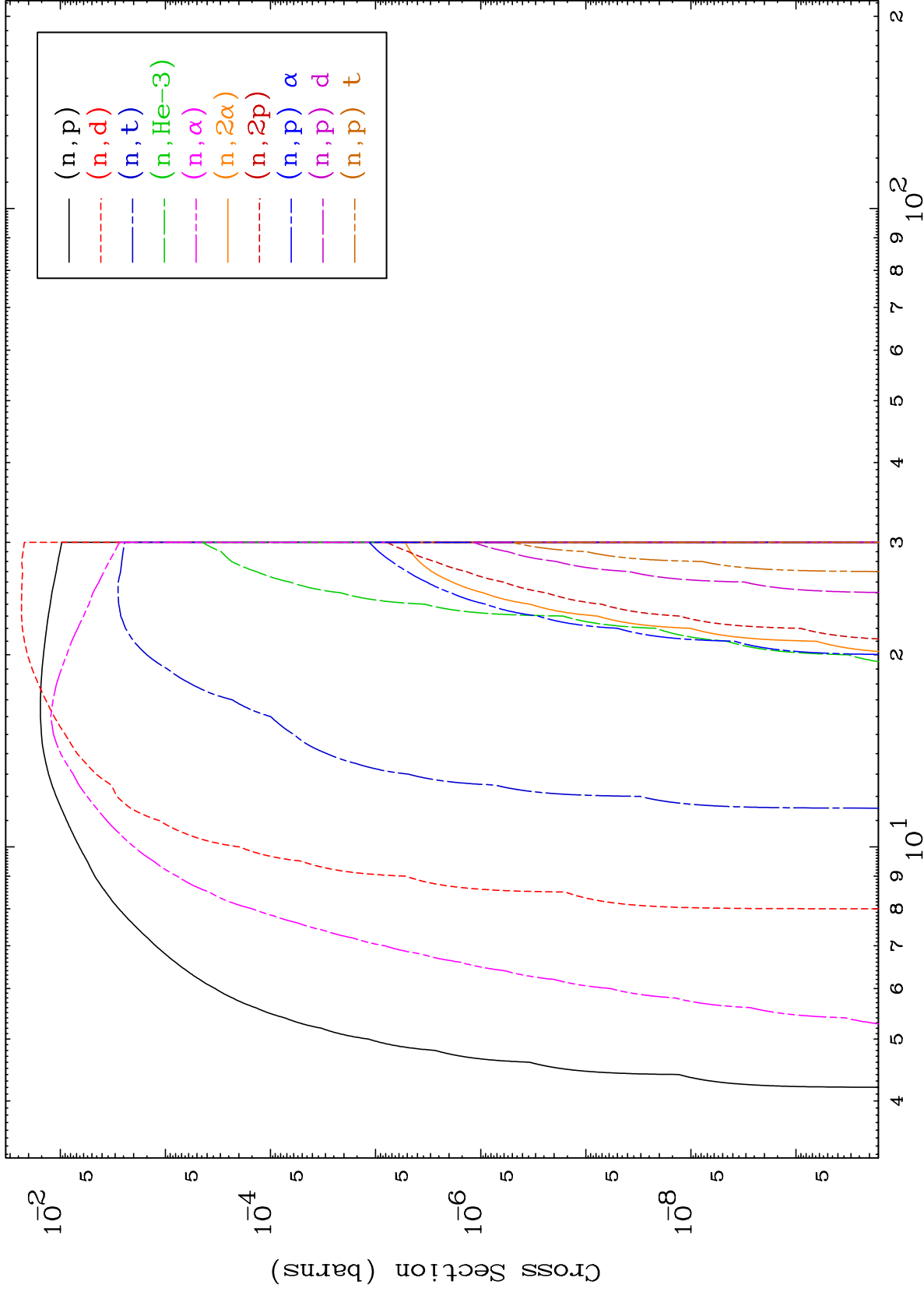


Incident Energy (MeV)

19-K -43



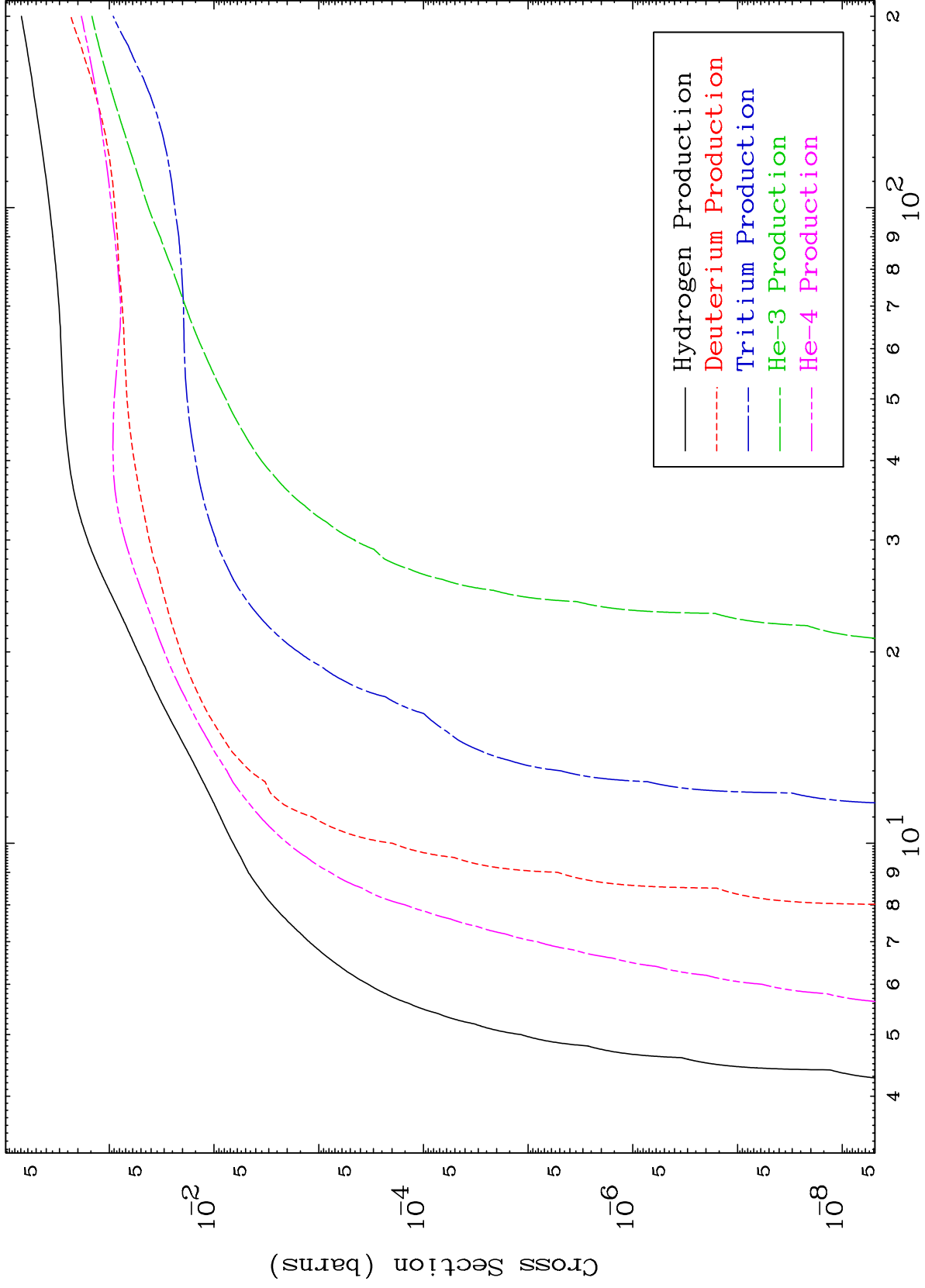




MAT 1937

Particle Production
293 Kelvin Cross Sections

19-K -43



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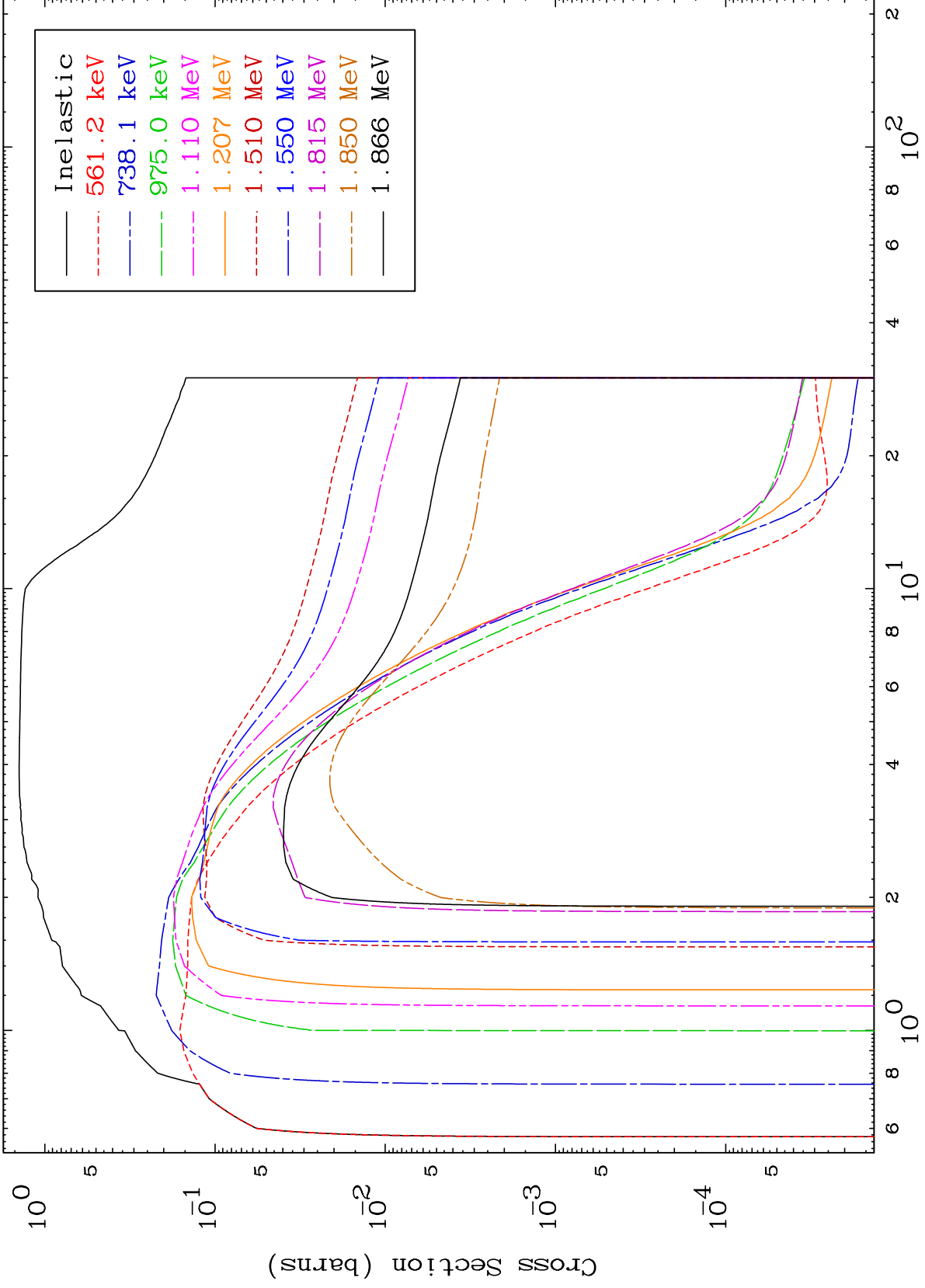
Incident Energy (MeV)

19-K -43

MAT 1937

(n,n') Level
293 Kelvin Cross Sections

19-K -43



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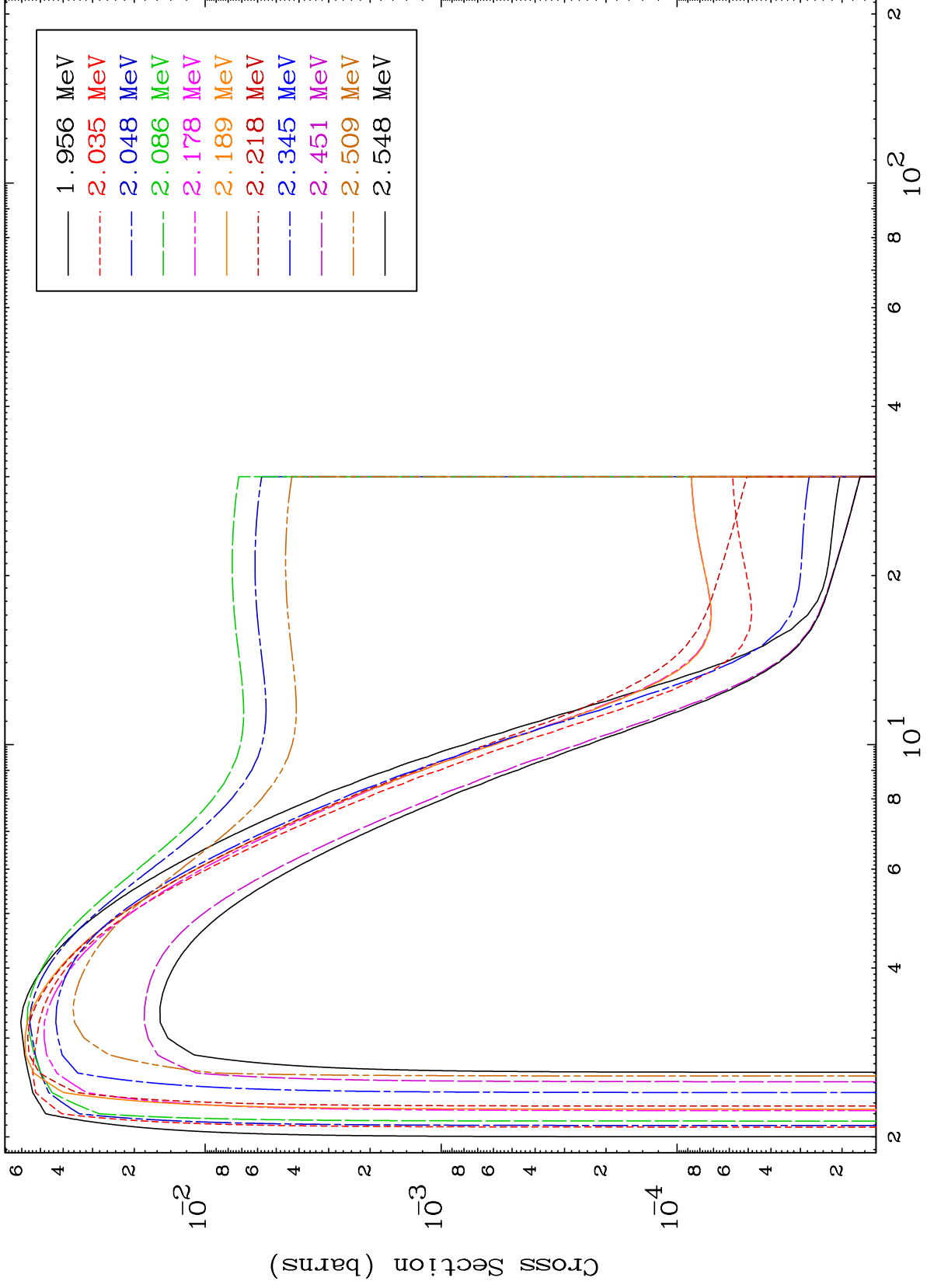
Incident Energy (MeV)

19-K -43

MAT 1937

(n,n') Level
293 Kelvin Cross Sections

19-K -43

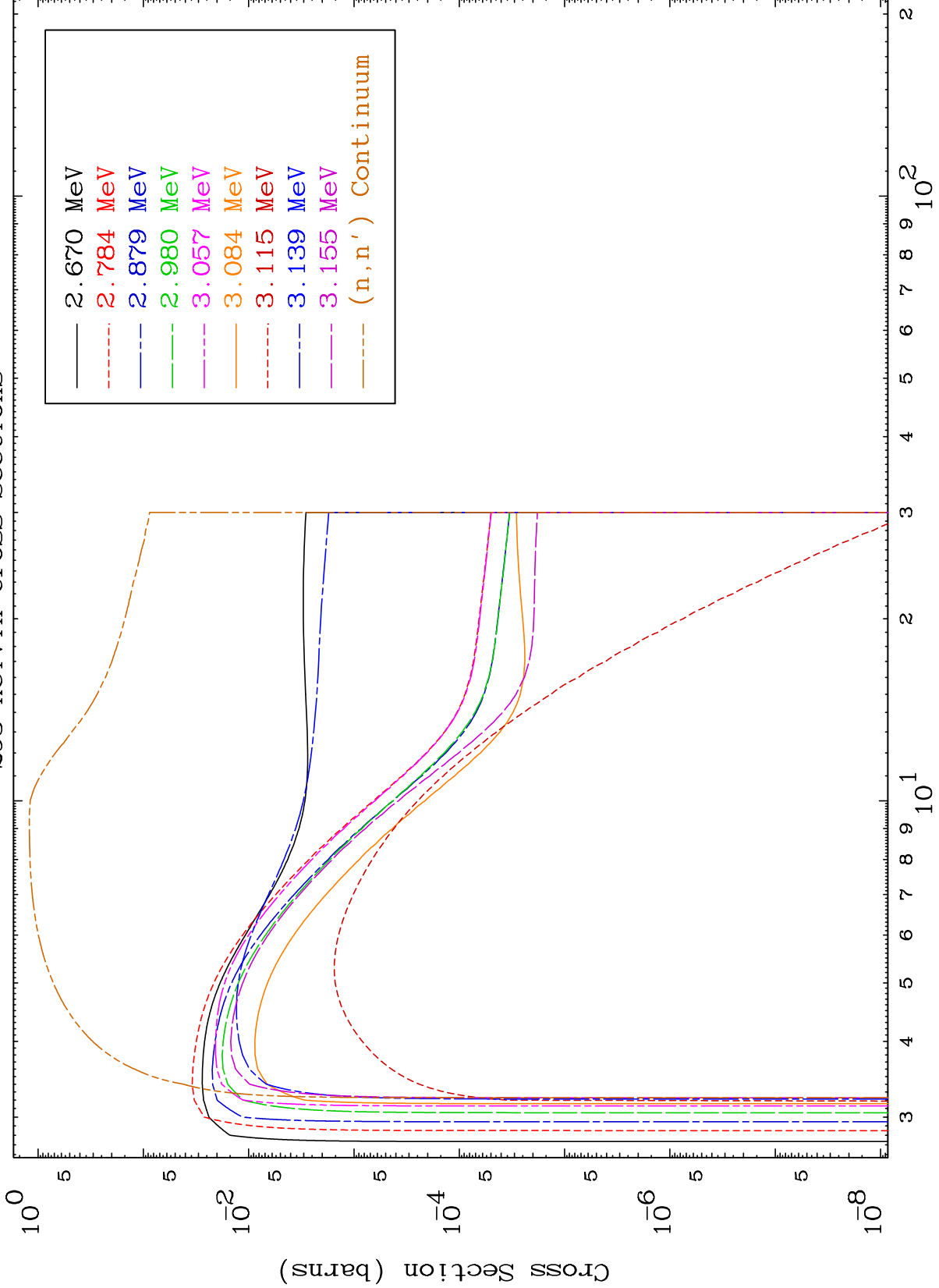


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Incident Energy (MeV)

19-K -43

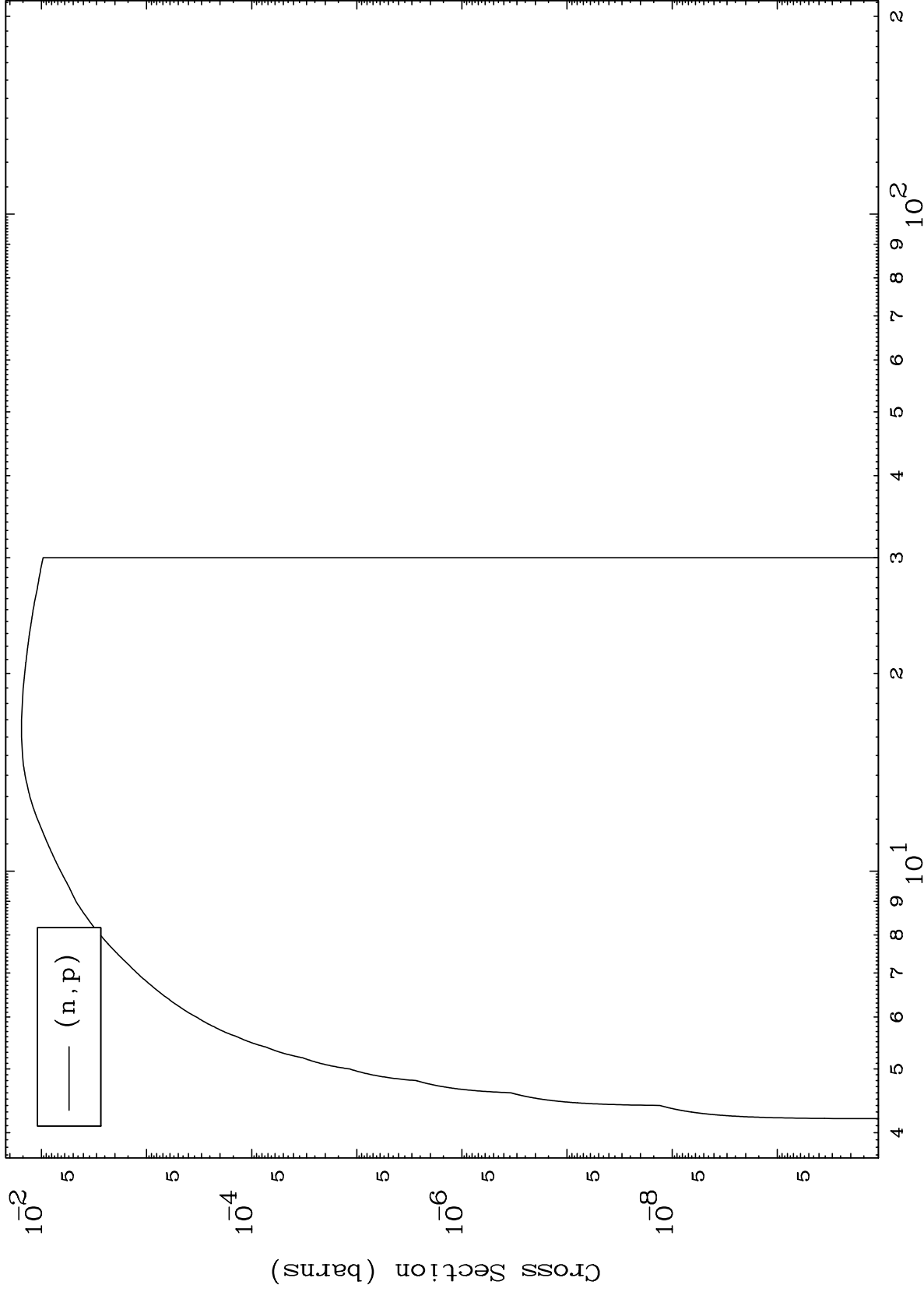
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

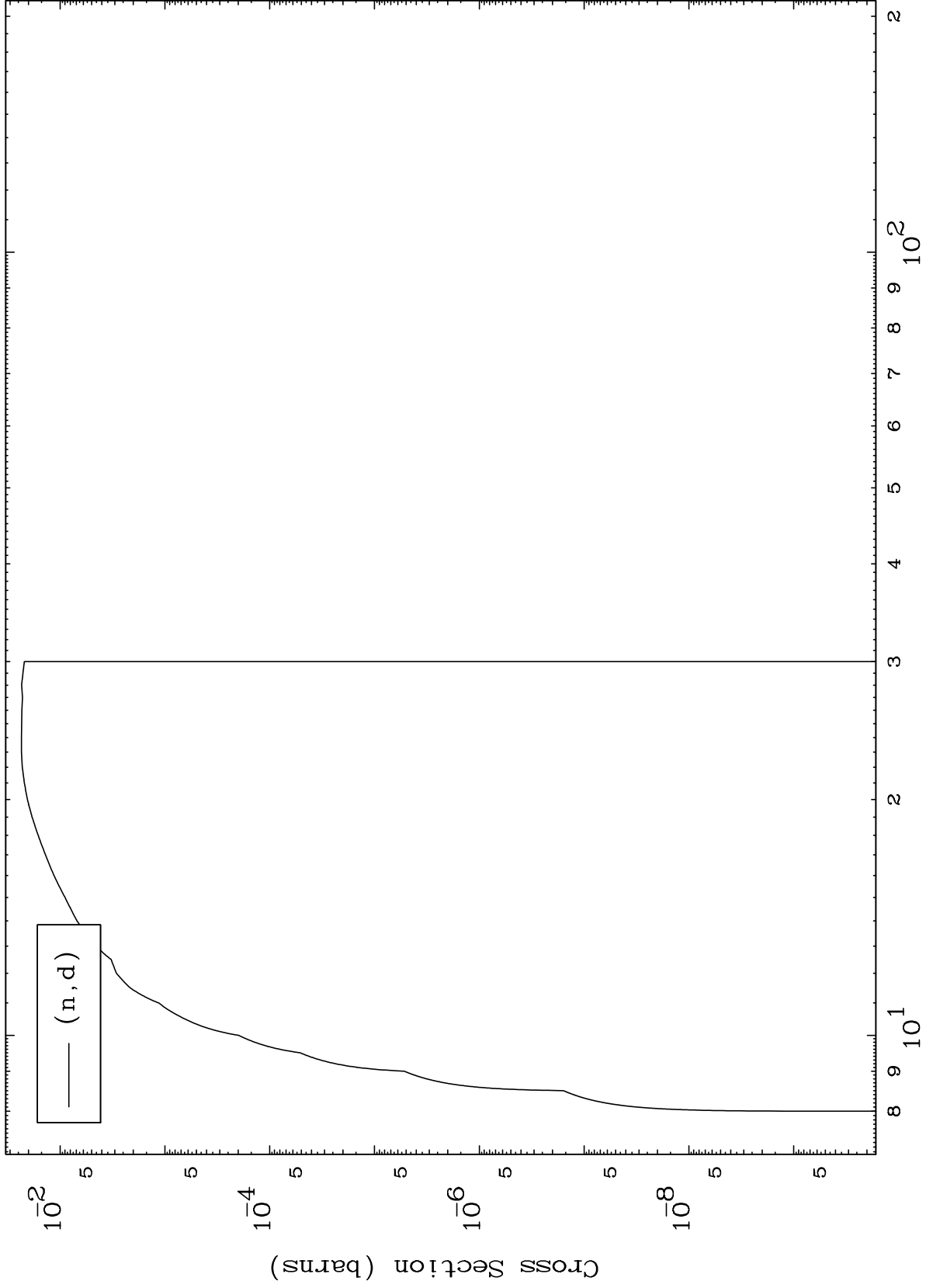
19-K -43



Incident Energy (MeV)

19-K -43

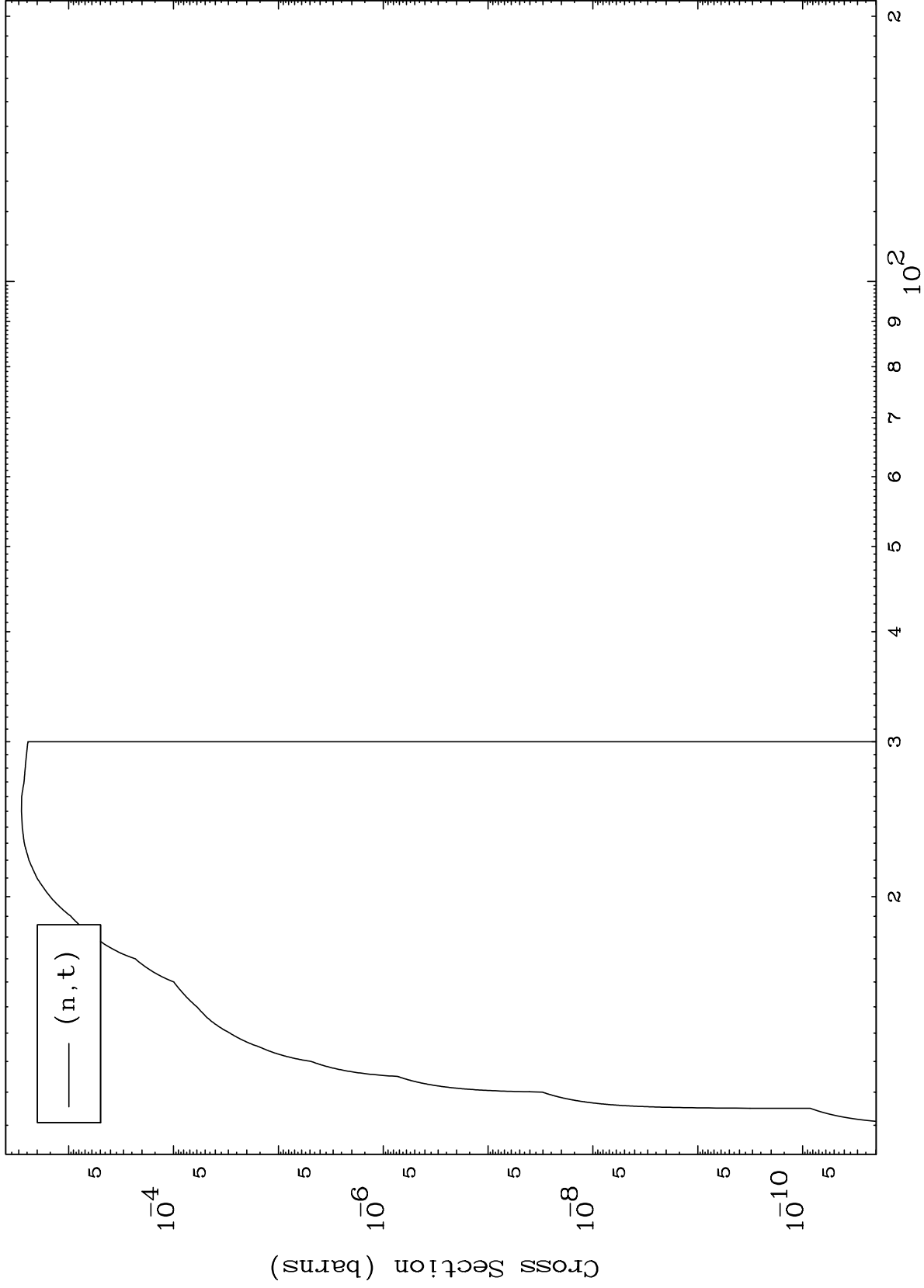
10



MAT 1937

(n,t) Levels
293 Kelvin Cross Sections

19-K -43



12

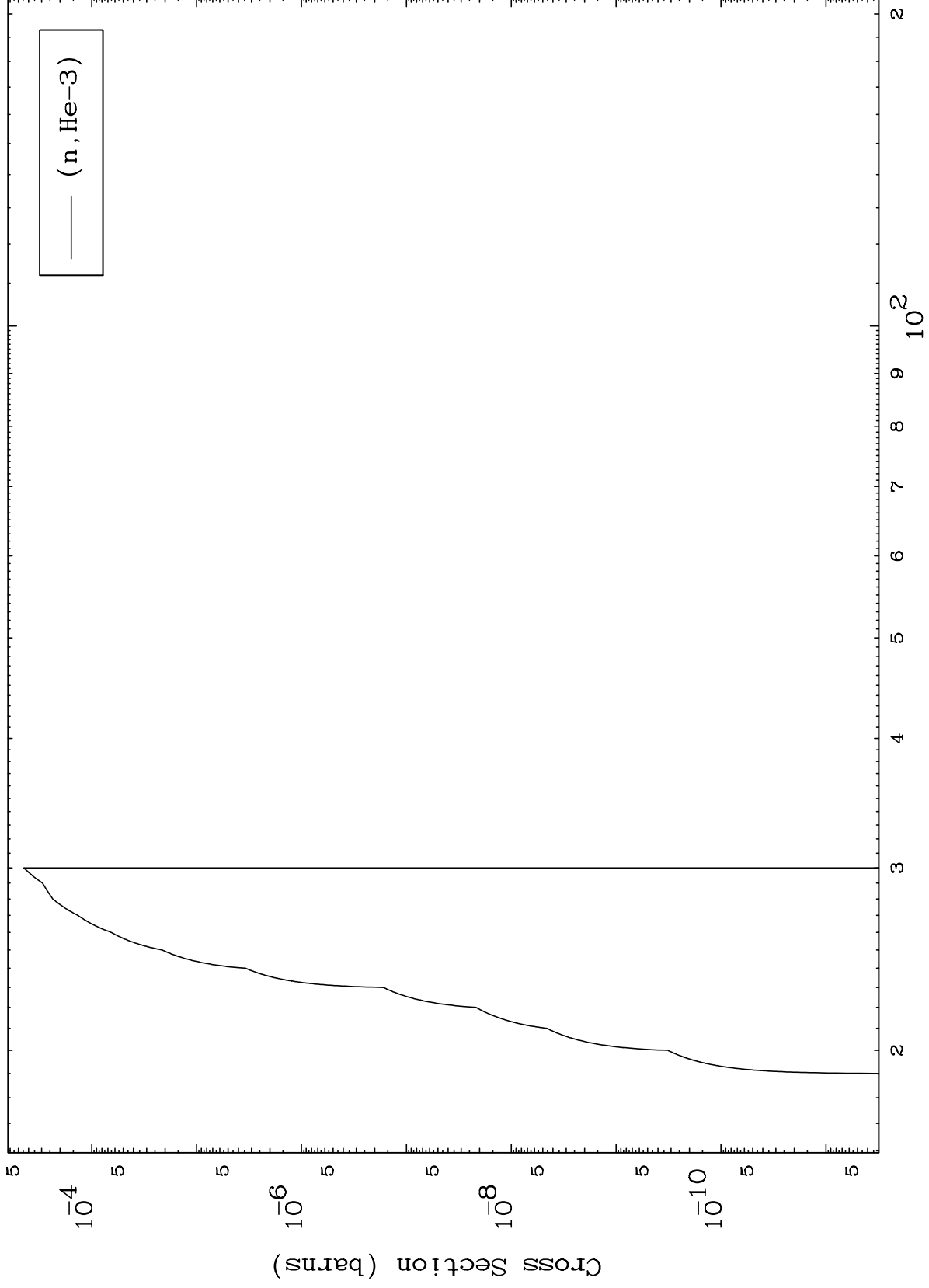
Incident Energy (MeV)

19-K -43

MAT 1937

(n,He3) Levels
293 Kelvin Cross Sections

19-K -43



13

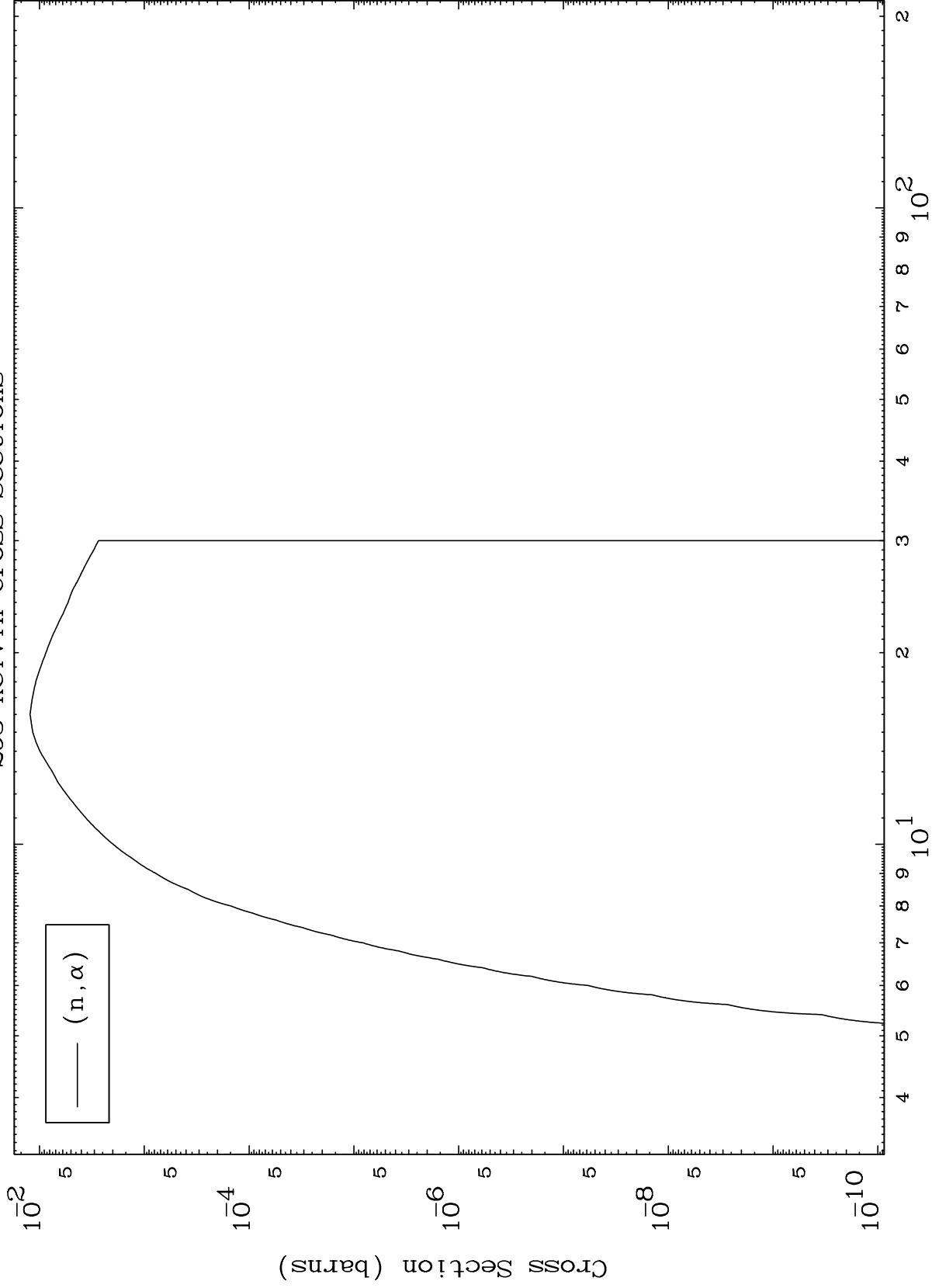
Incident Energy (MeV)

19-K -43

MAT 1937

(n, α) Levels
293 Kelvin Cross Sections

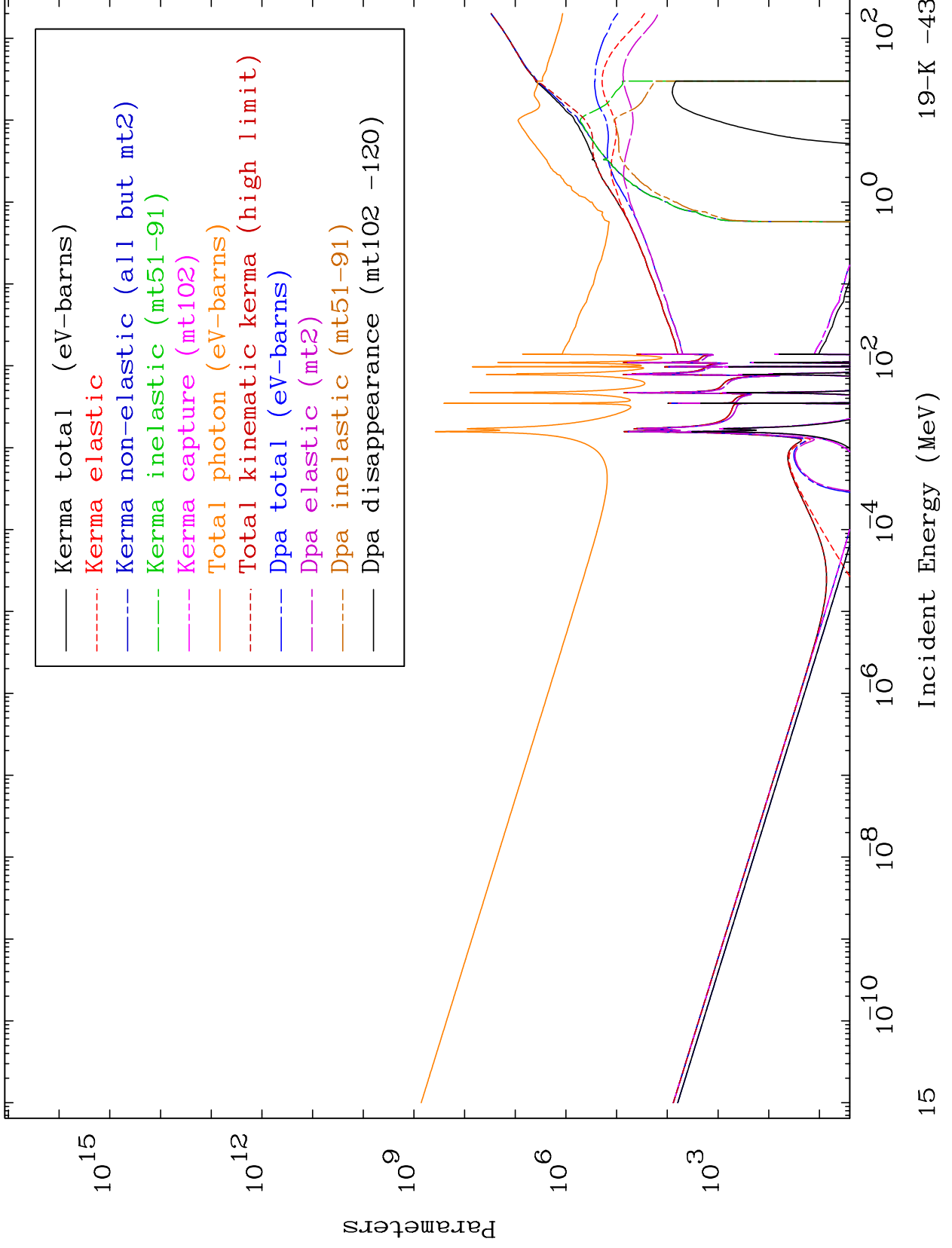
19-K -43



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Incident Energy (MeV)

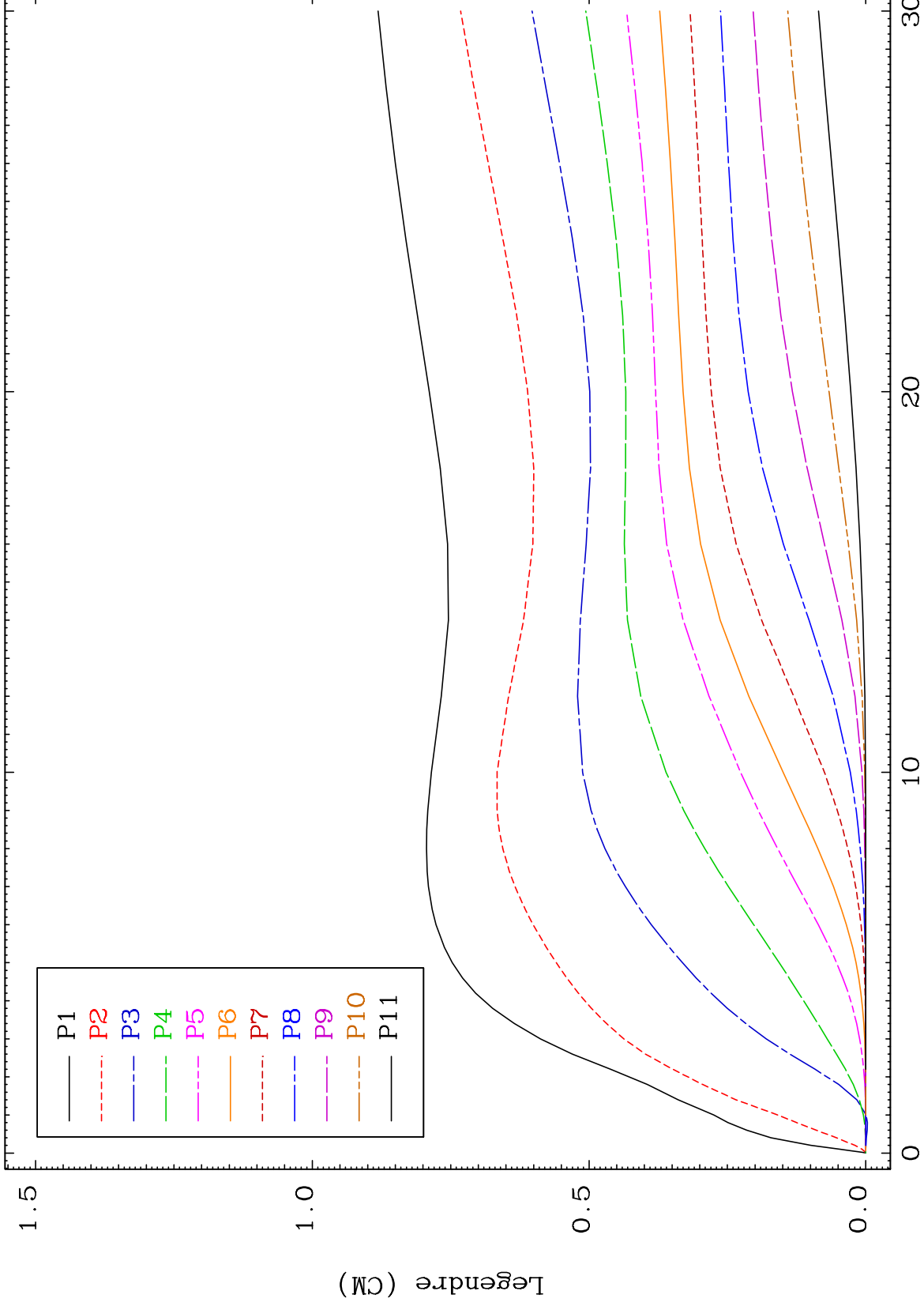
19-K -43



MAT 1937

Elastic Legendre Coefficients

19-K -43



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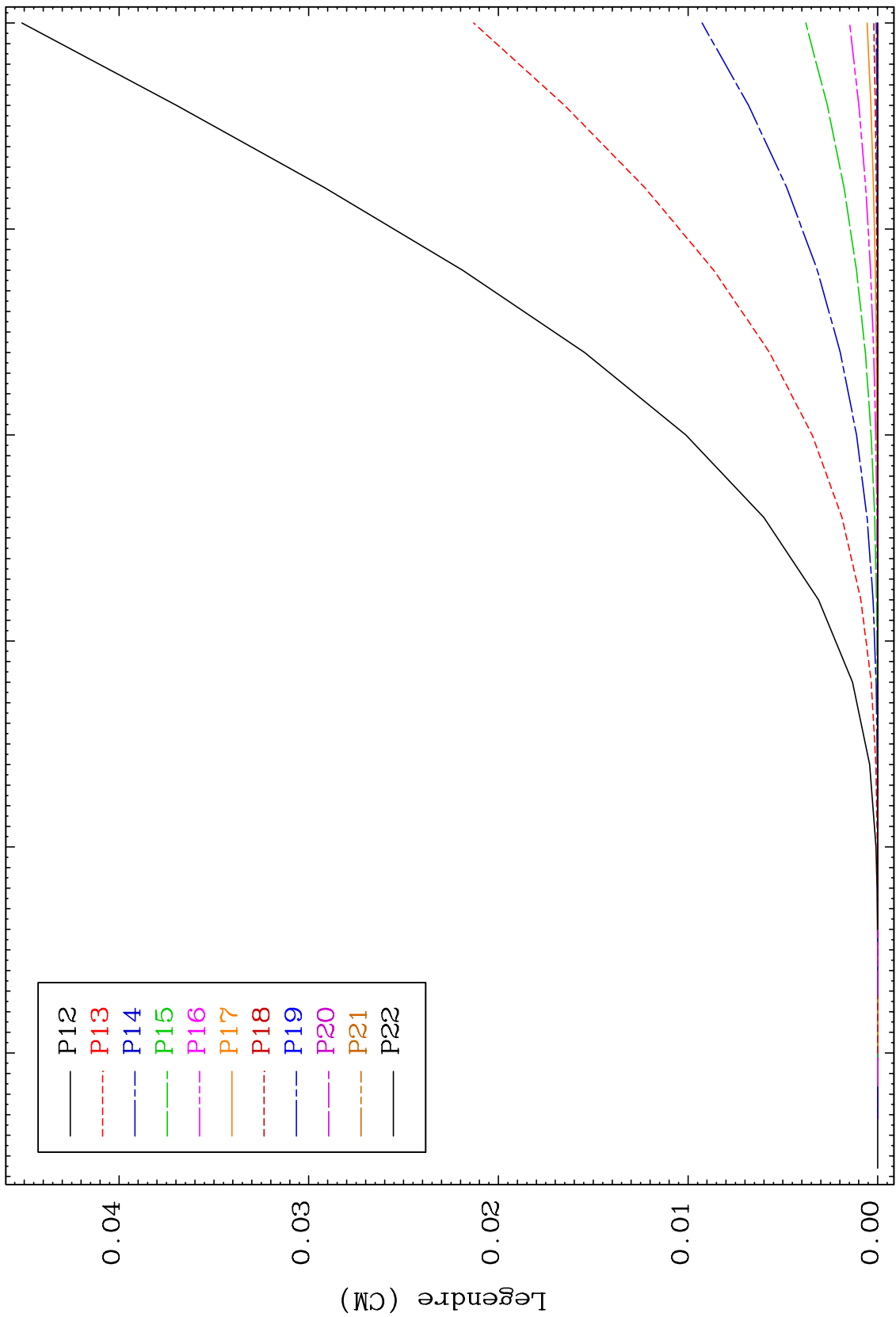
Incident Energy (MeV)

19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43



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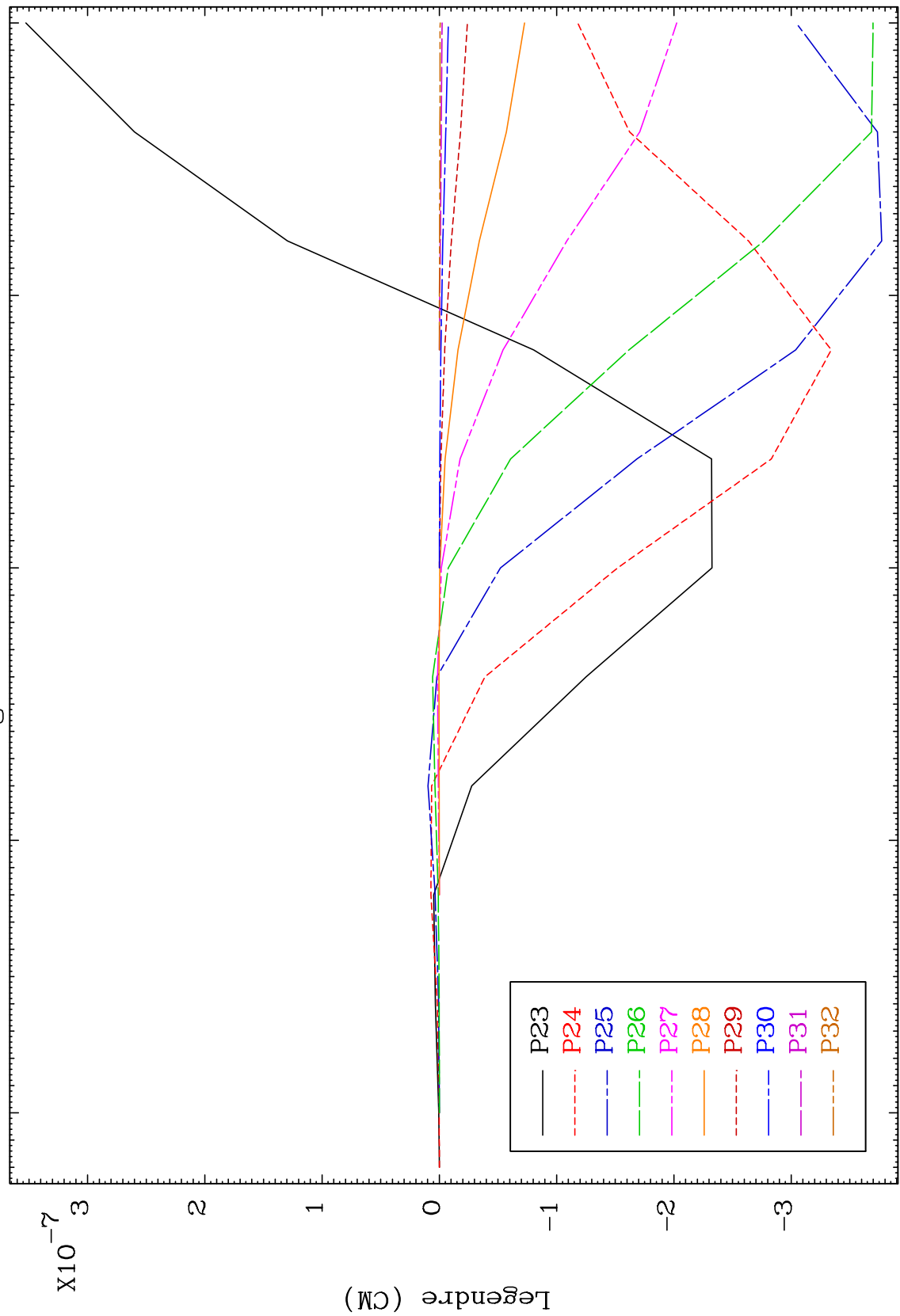
Incident Energy (MeV)

19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43



18

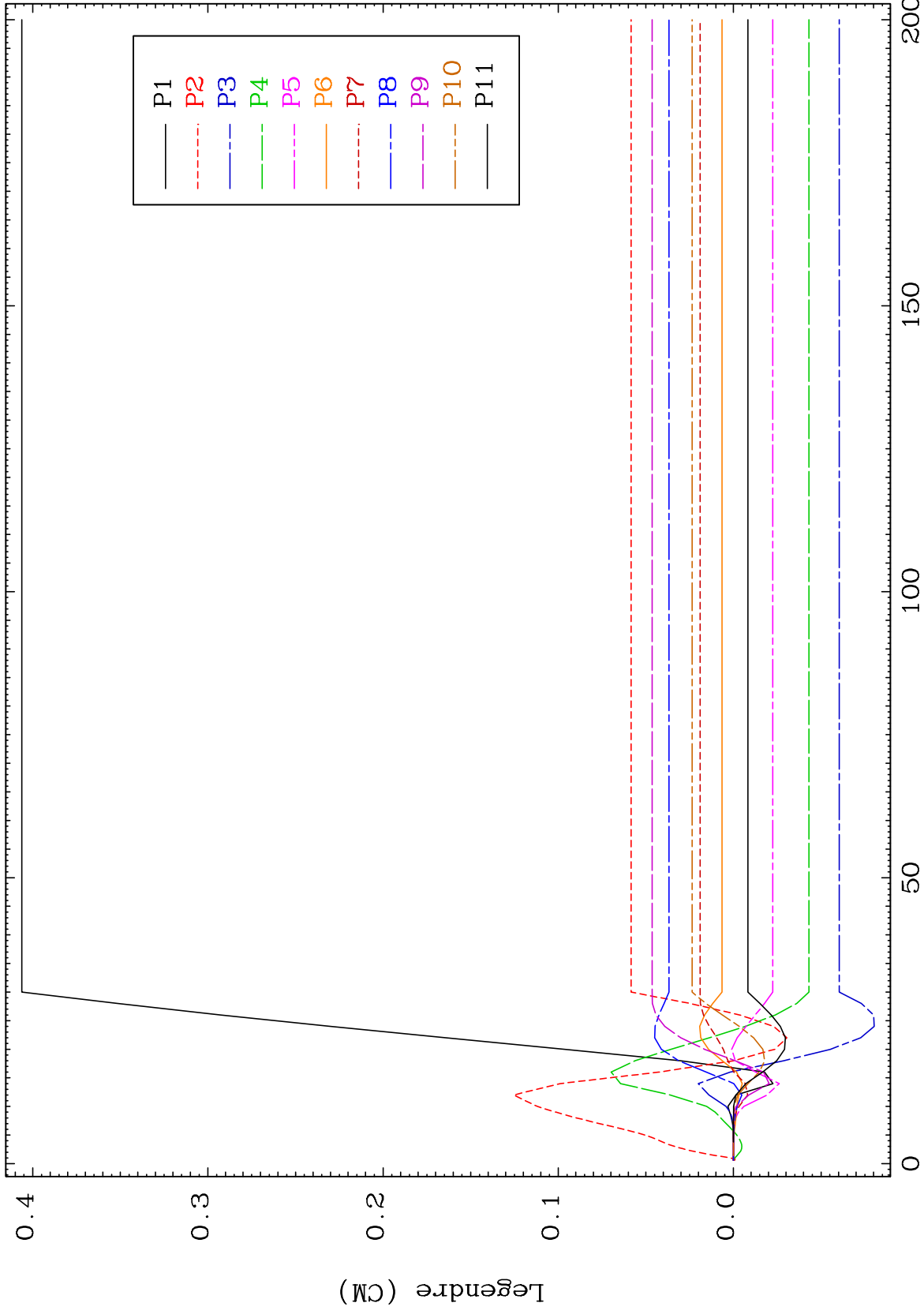
Incident Energy (MeV)

19-K -43

MAT 1937

561.2 keV (n,n') Level
Legendre Coefficients

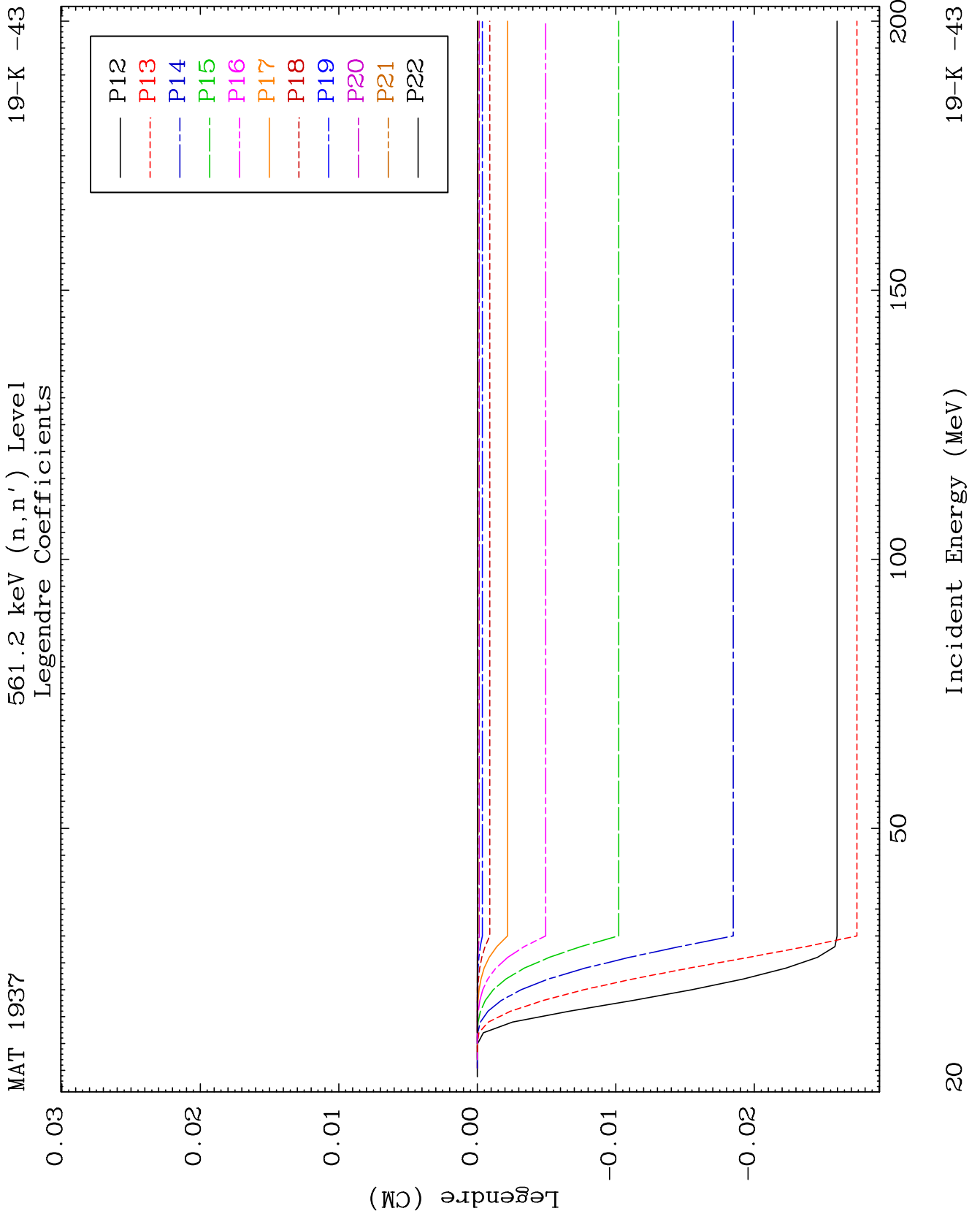
19-K -43



19

Incident Energy (MeV)

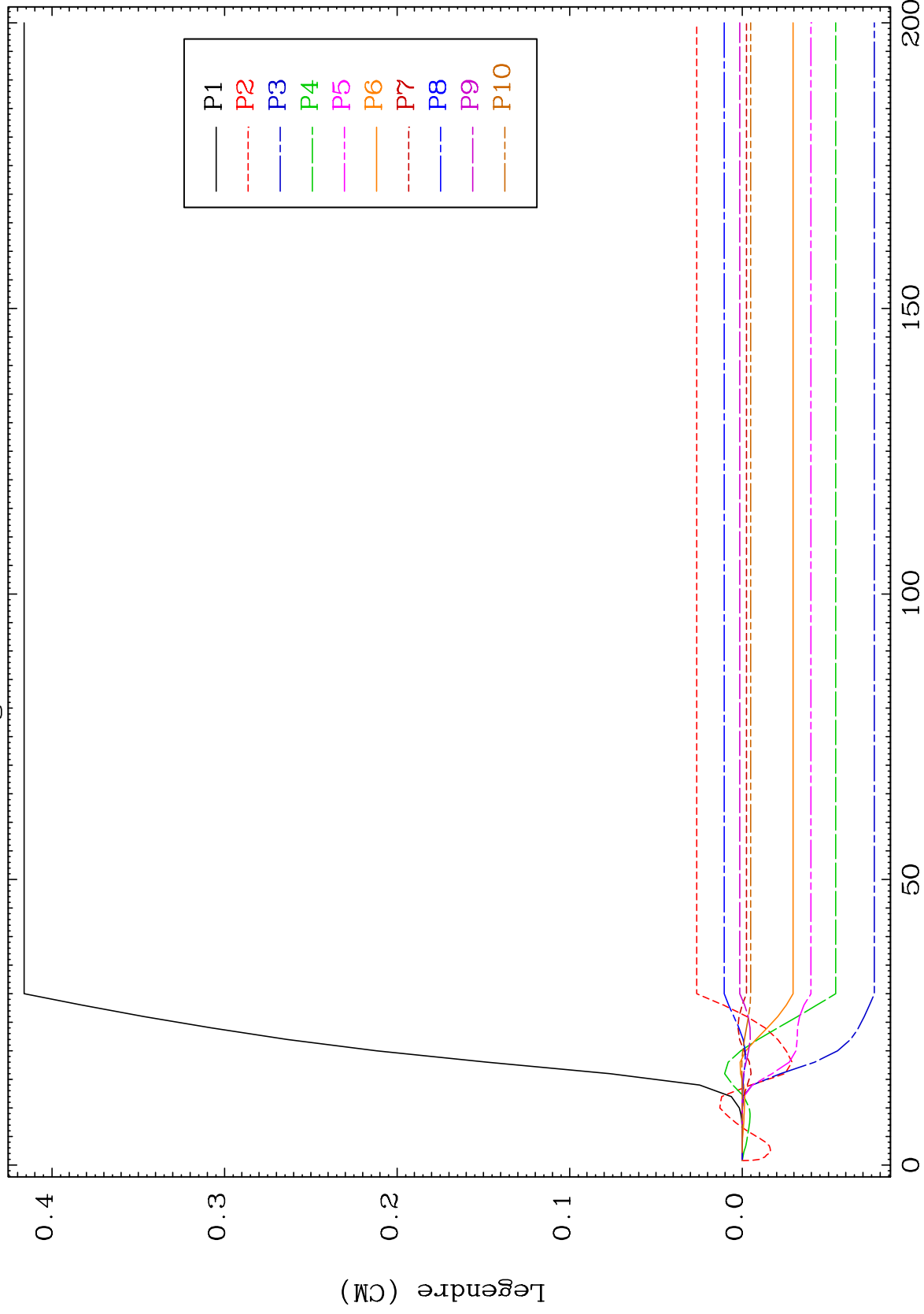
19-K -43



MAT 1937

738.1 keV (n,n') Level
Legendre Coefficients

19-K -43



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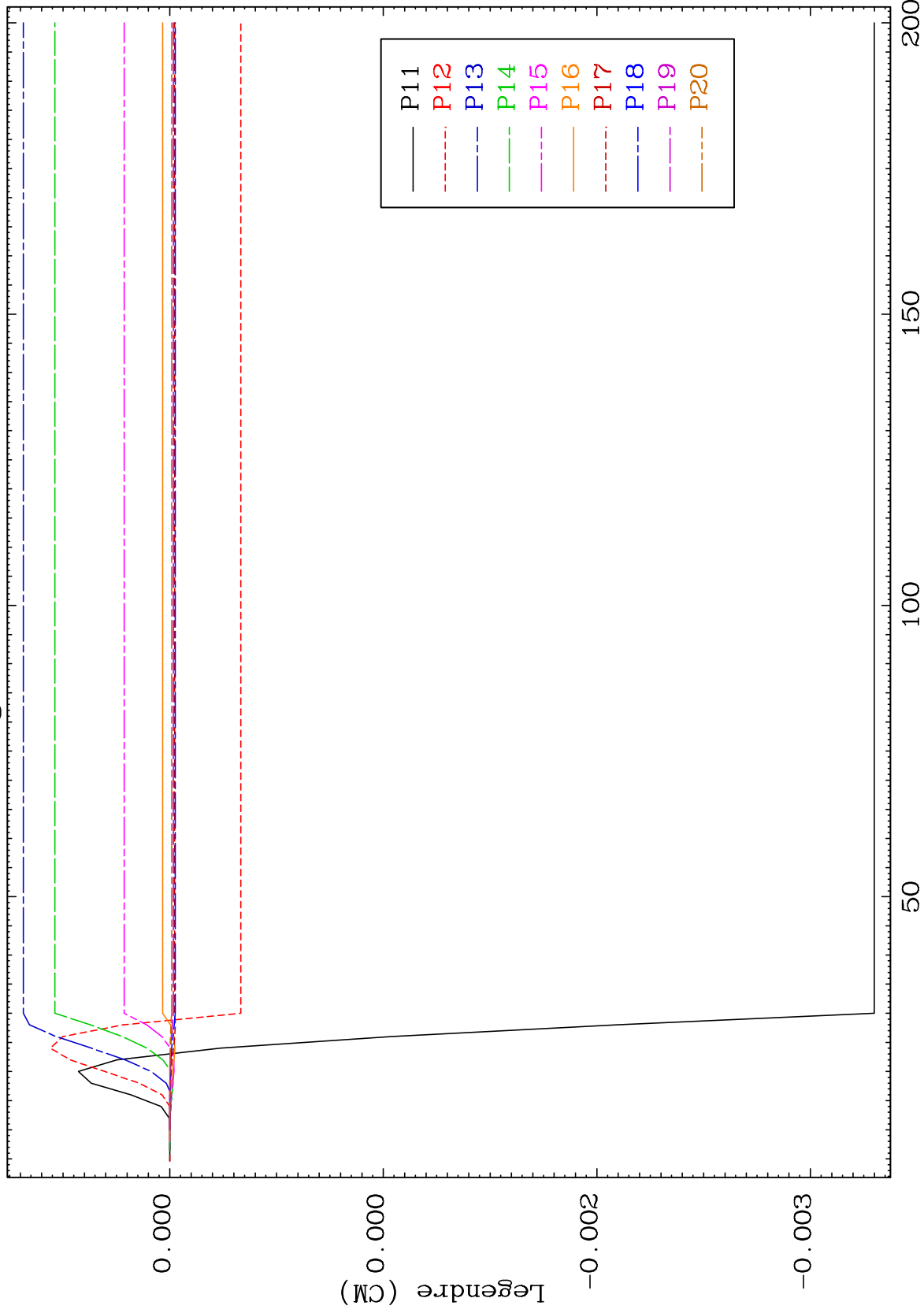
Incident Energy (MeV)

19-K -43

MAT 1937

738.1 keV (n,n') Level
Legendre Coefficients

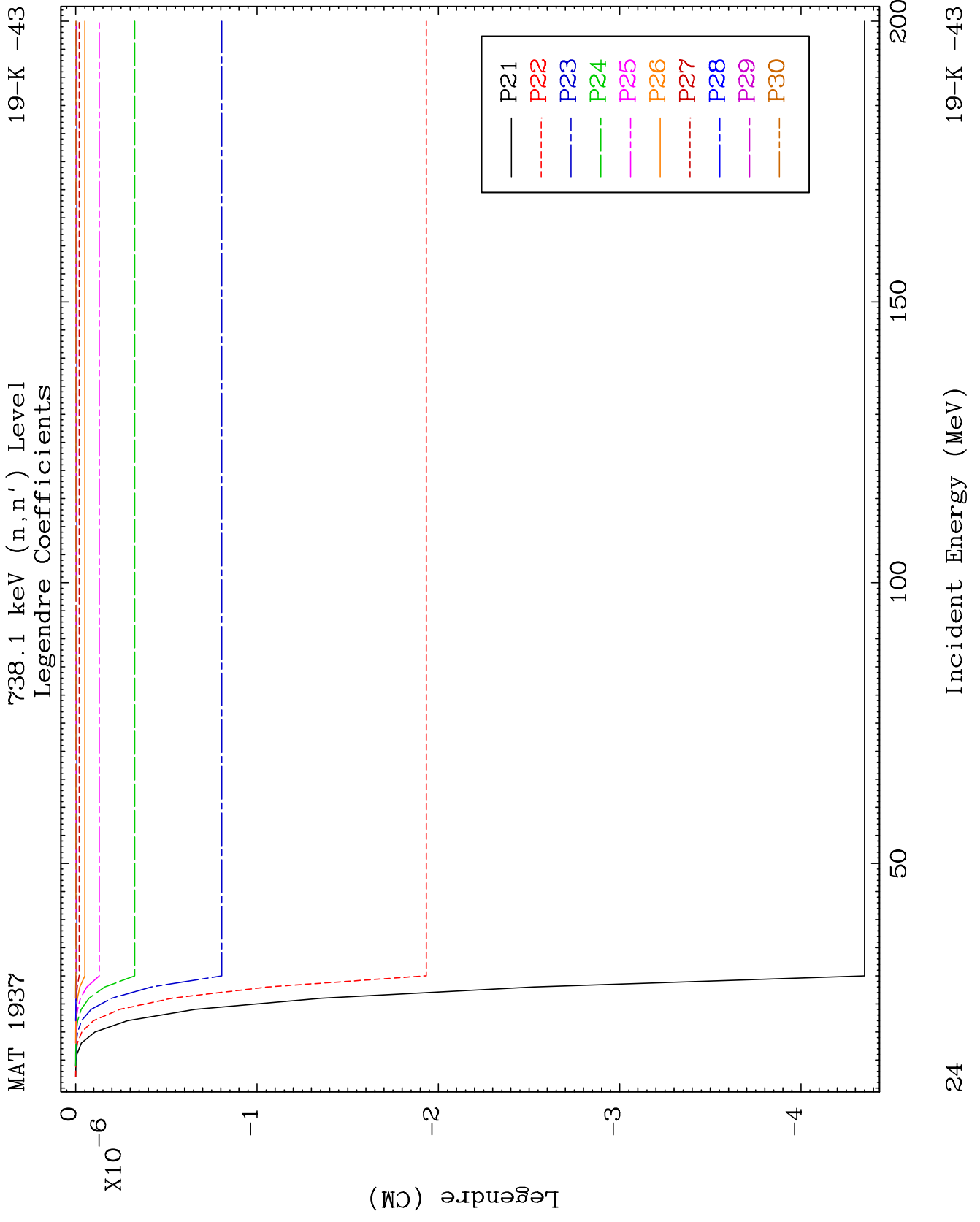
19-K -43

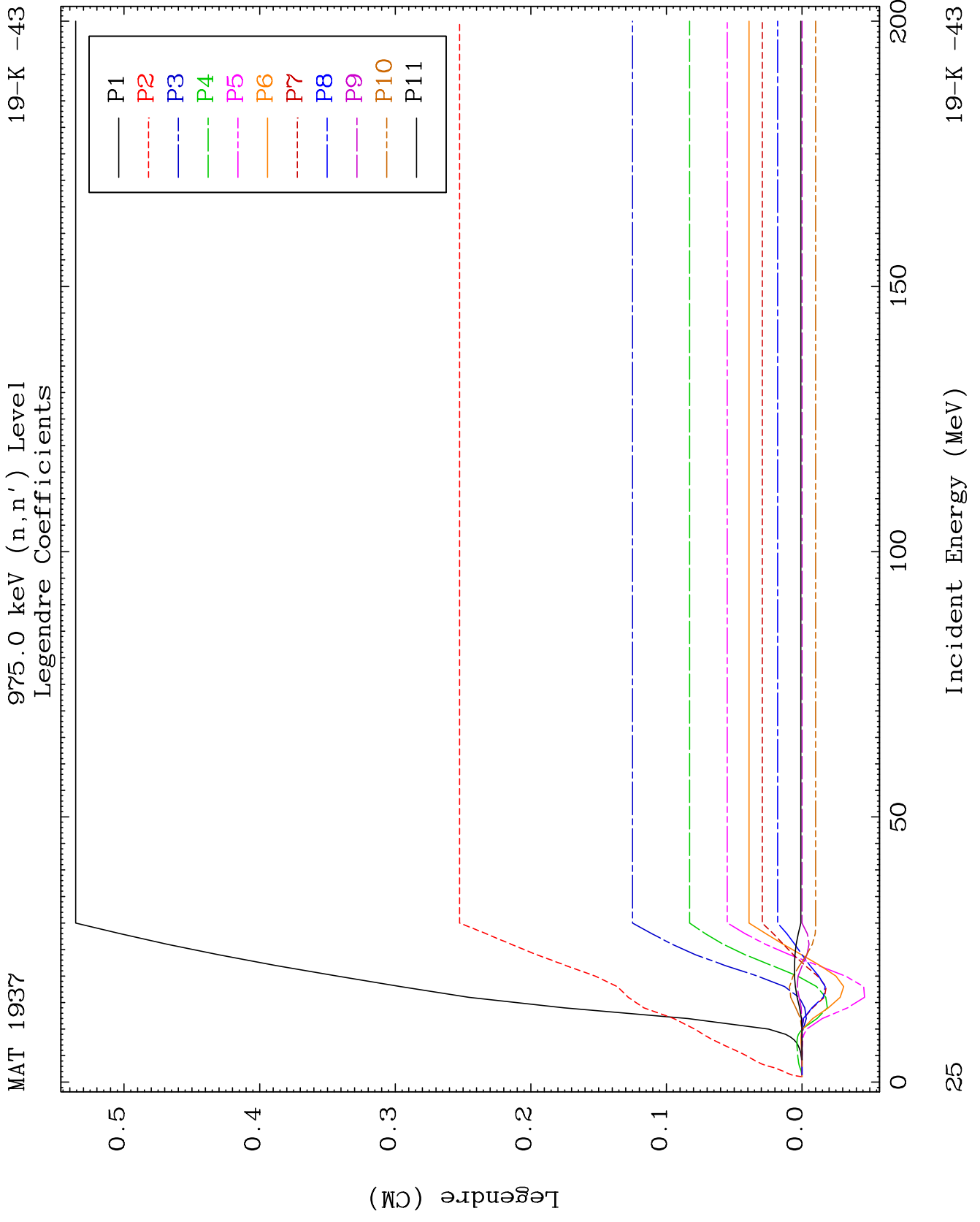


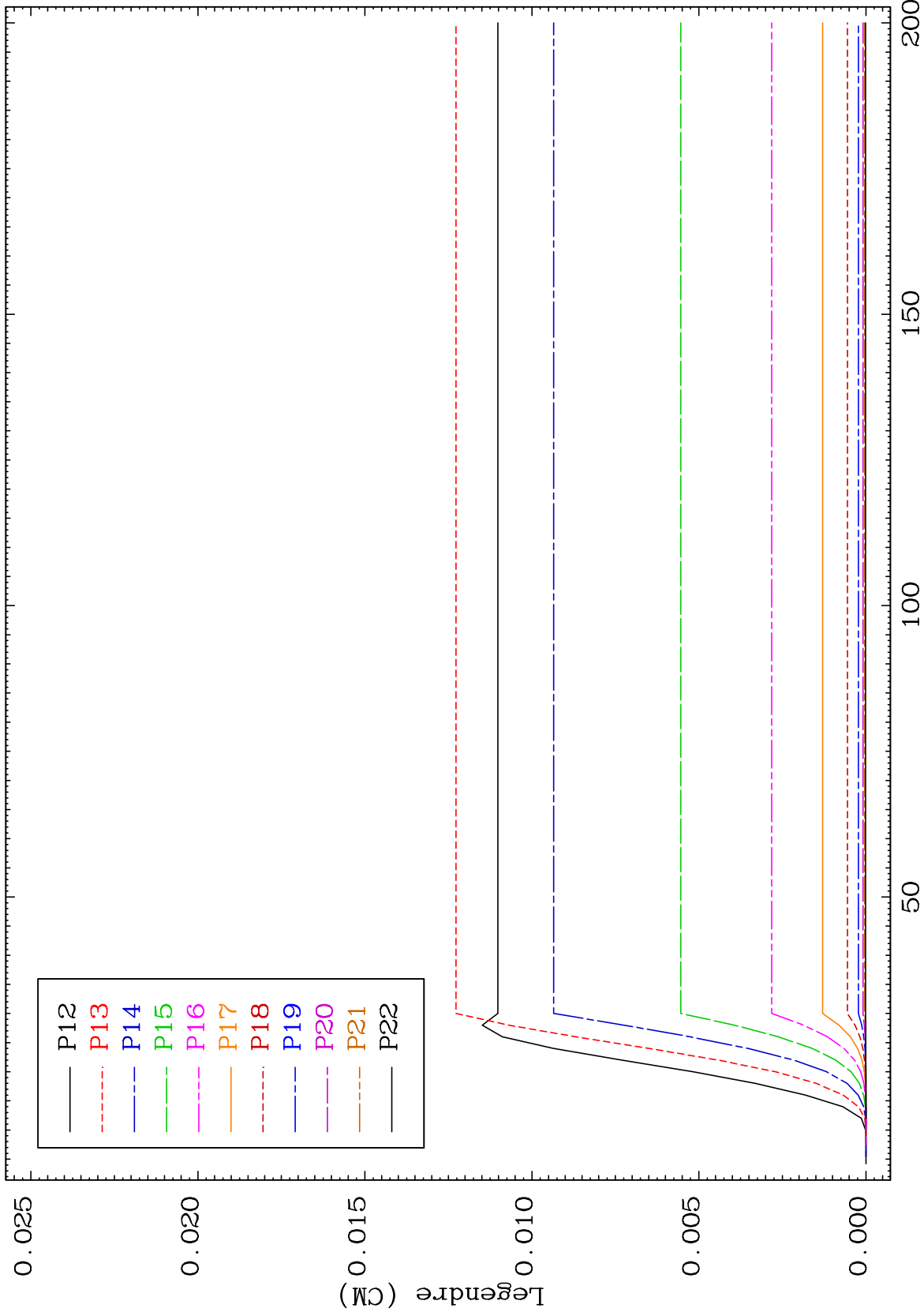
23

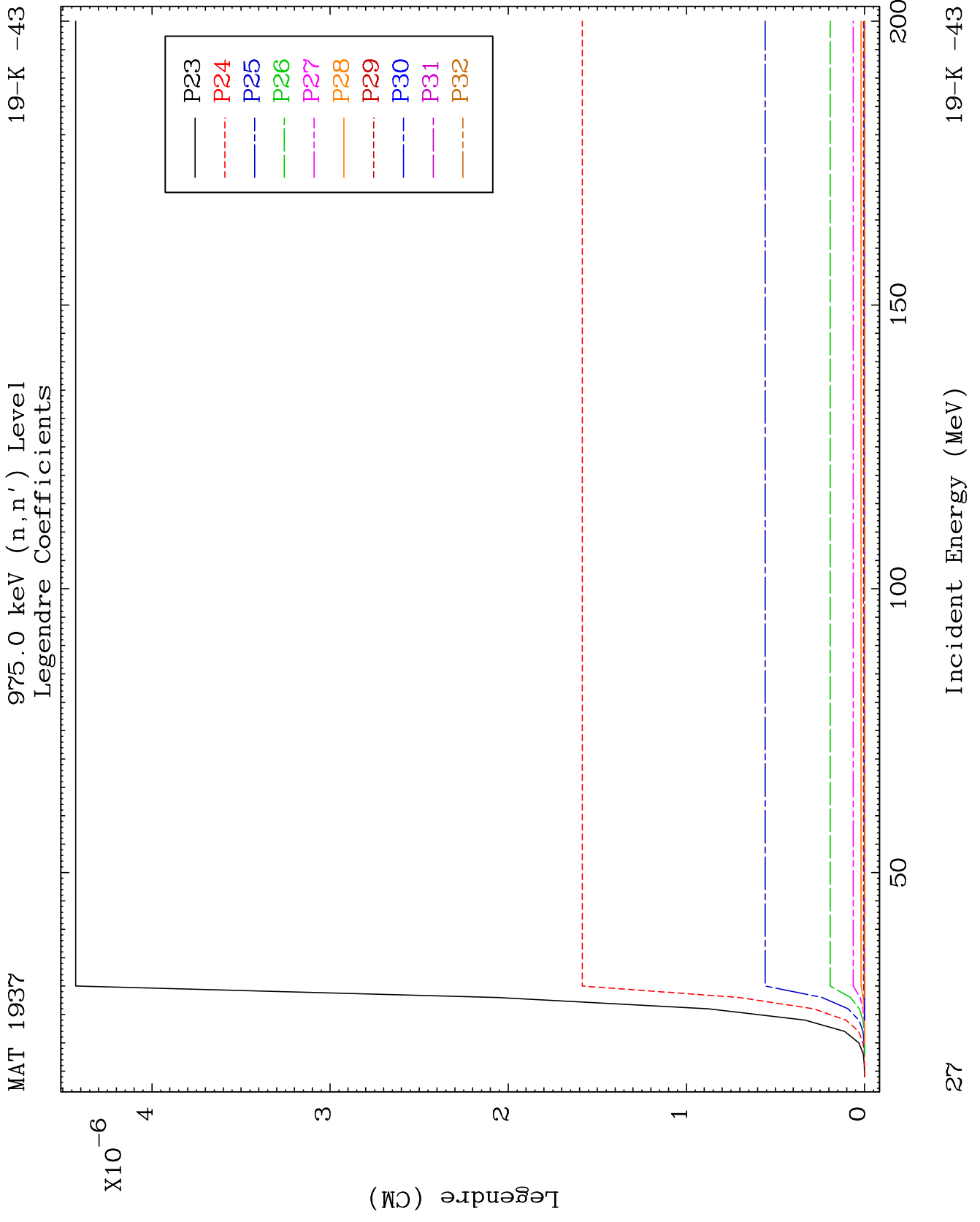
Incident Energy (MeV)

19-K -43





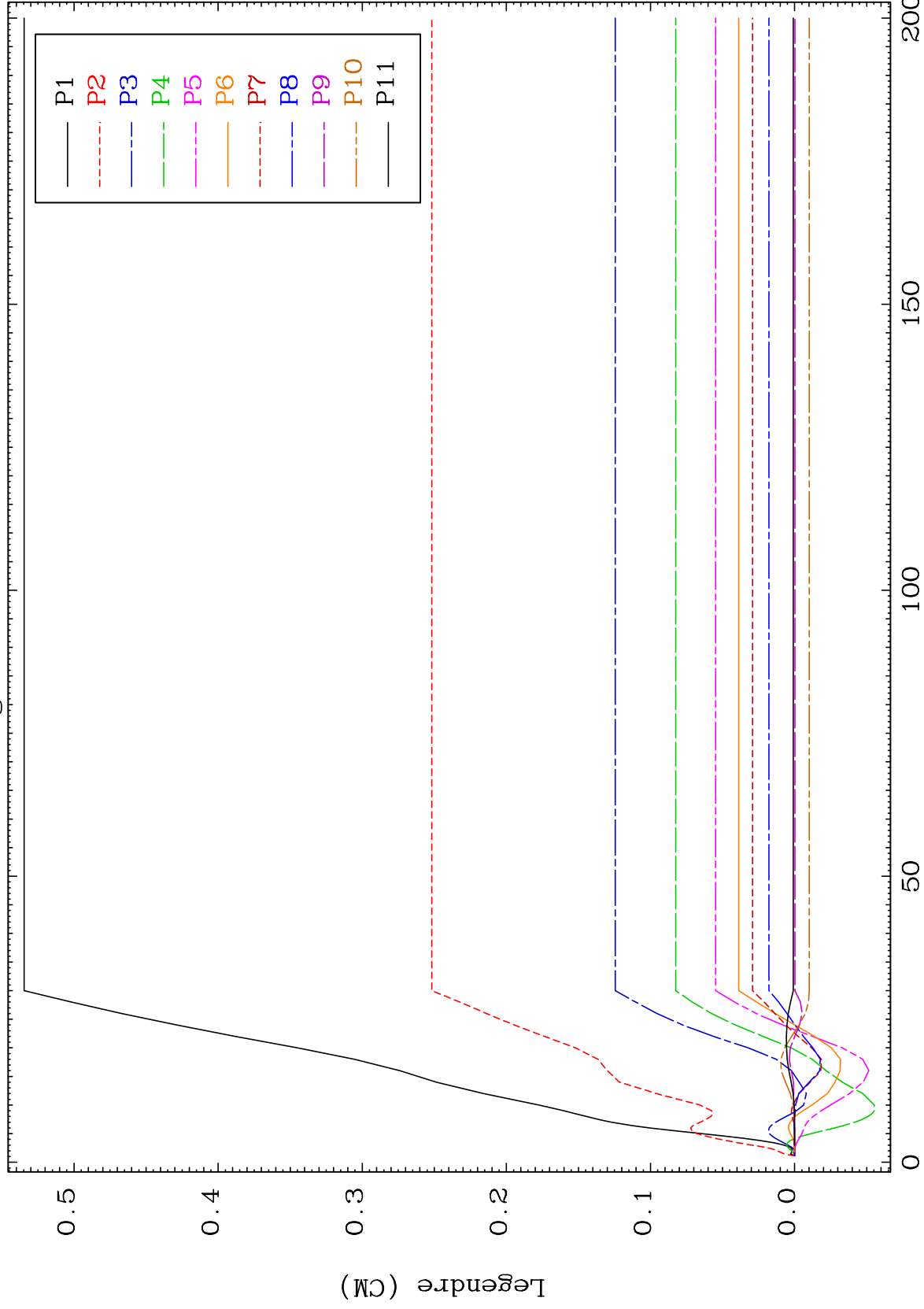




MAT 1937

1.110 MeV (n,n') Level
Legendre Coefficients

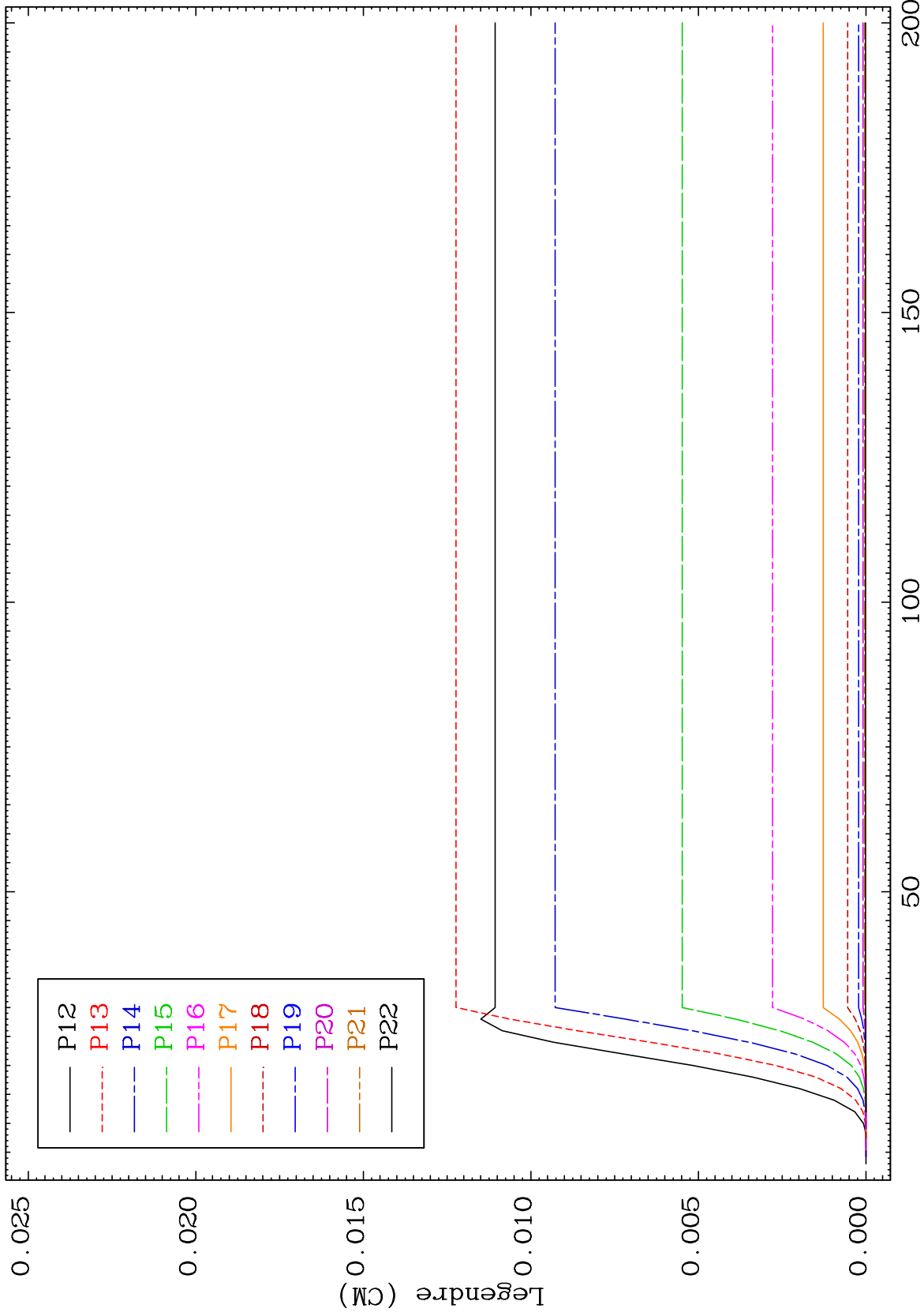
19-K -43

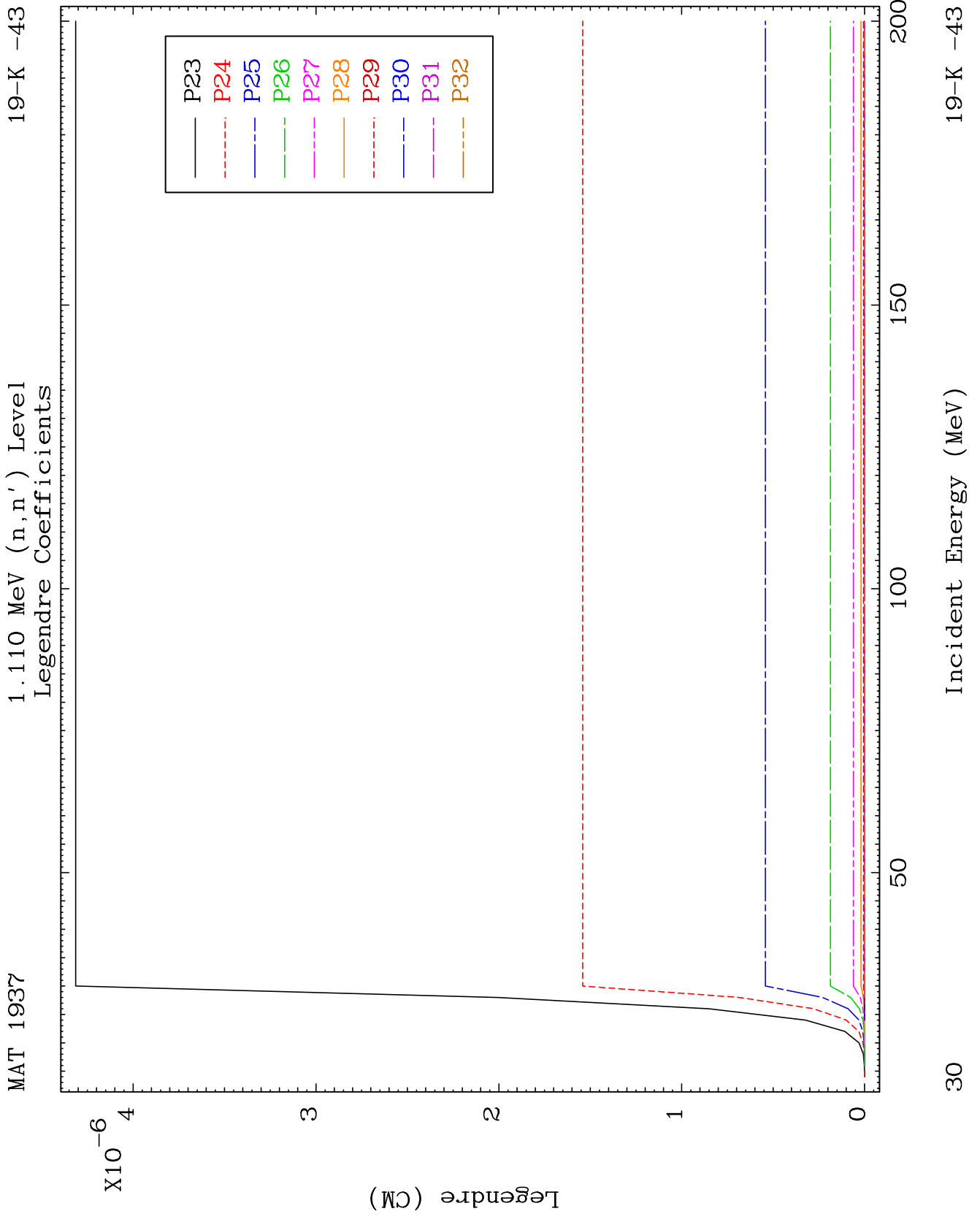


28

Incident Energy (MeV)

19-K -43

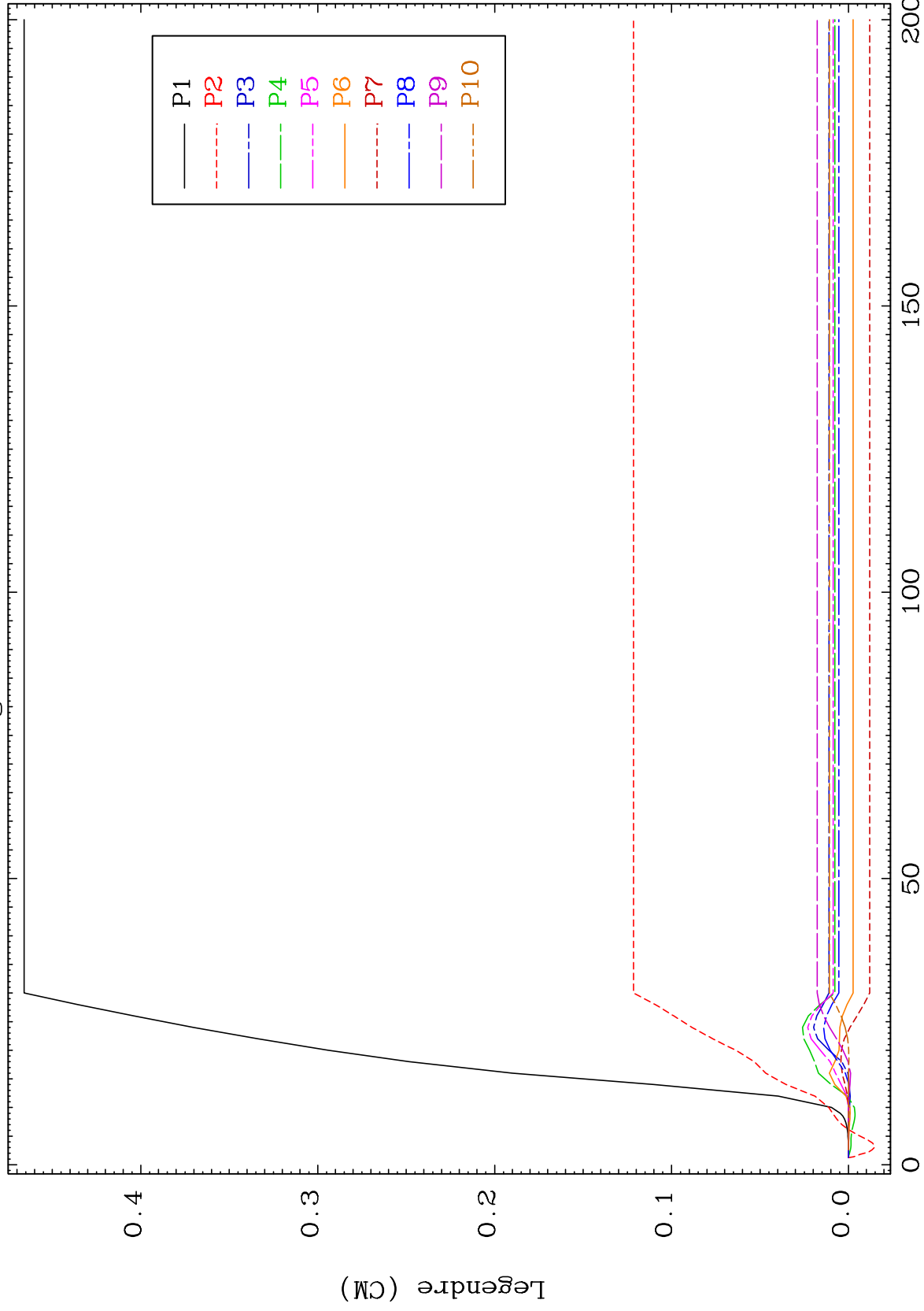




MAT 1937

1.207 MeV (n,n') Level
Legendre Coefficients

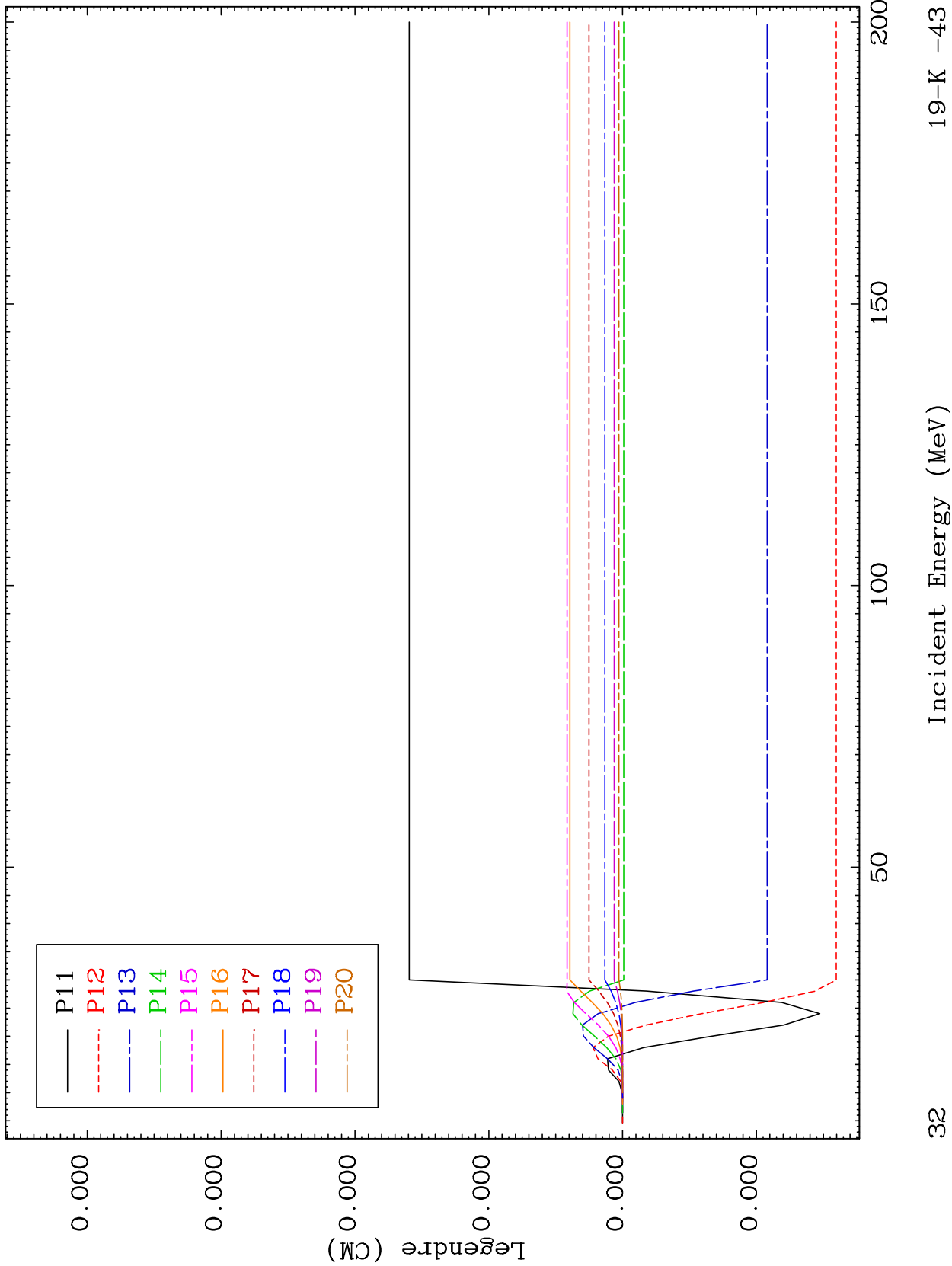
19-K -43

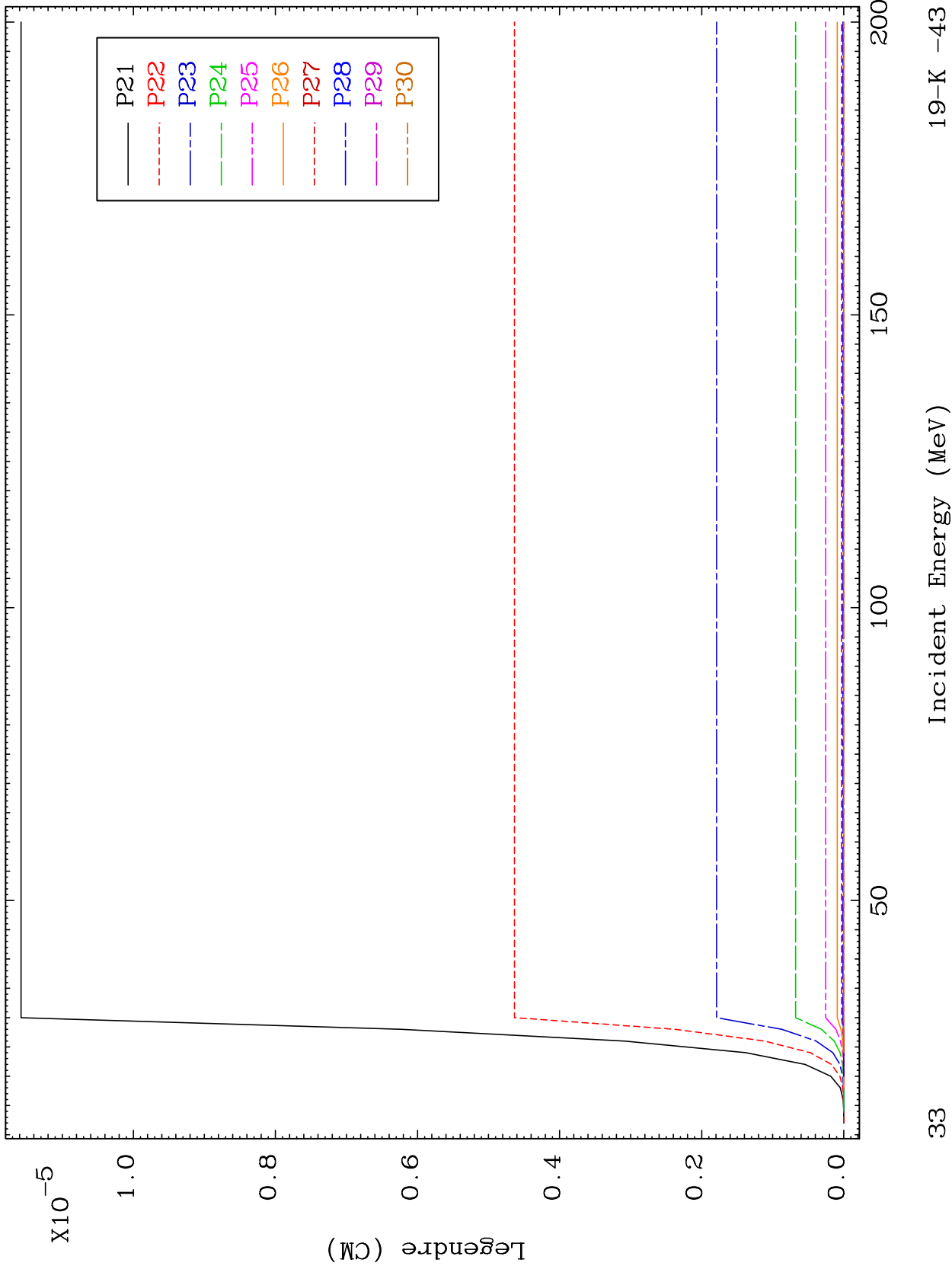


31

Incident Energy (MeV)

19-K -43

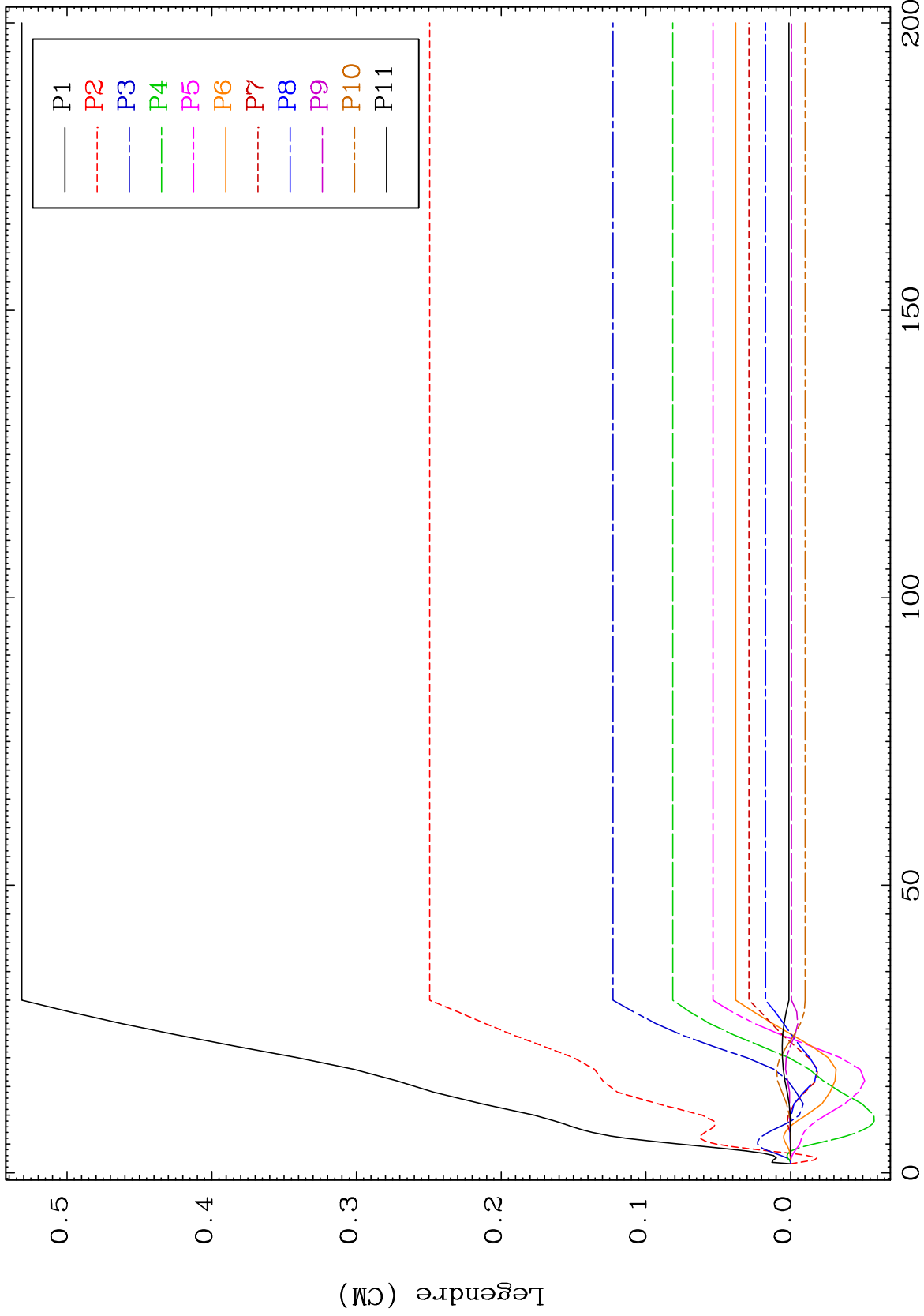




MAT 1937

1.510 MeV (n,n') Level
Legendre Coefficients

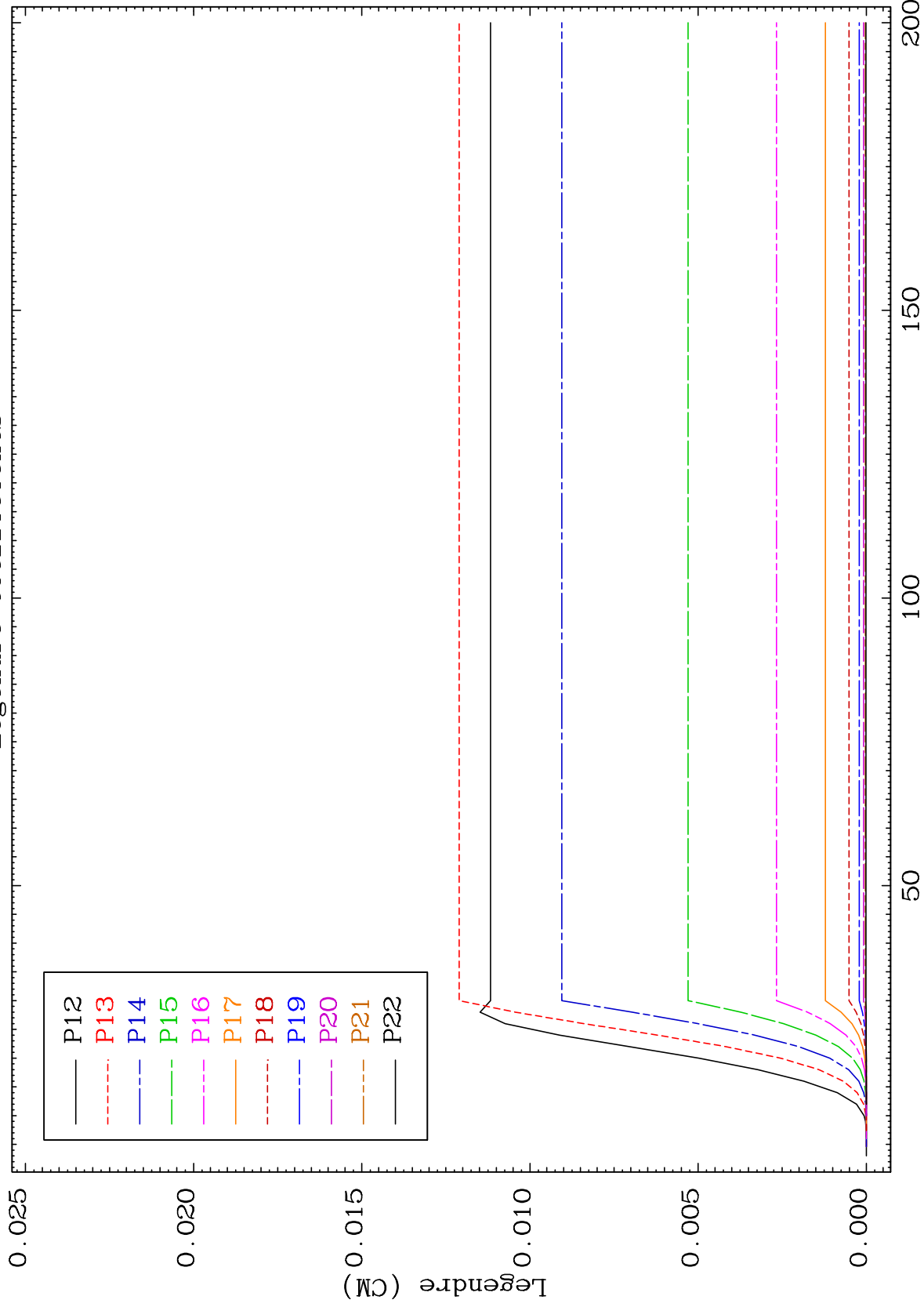
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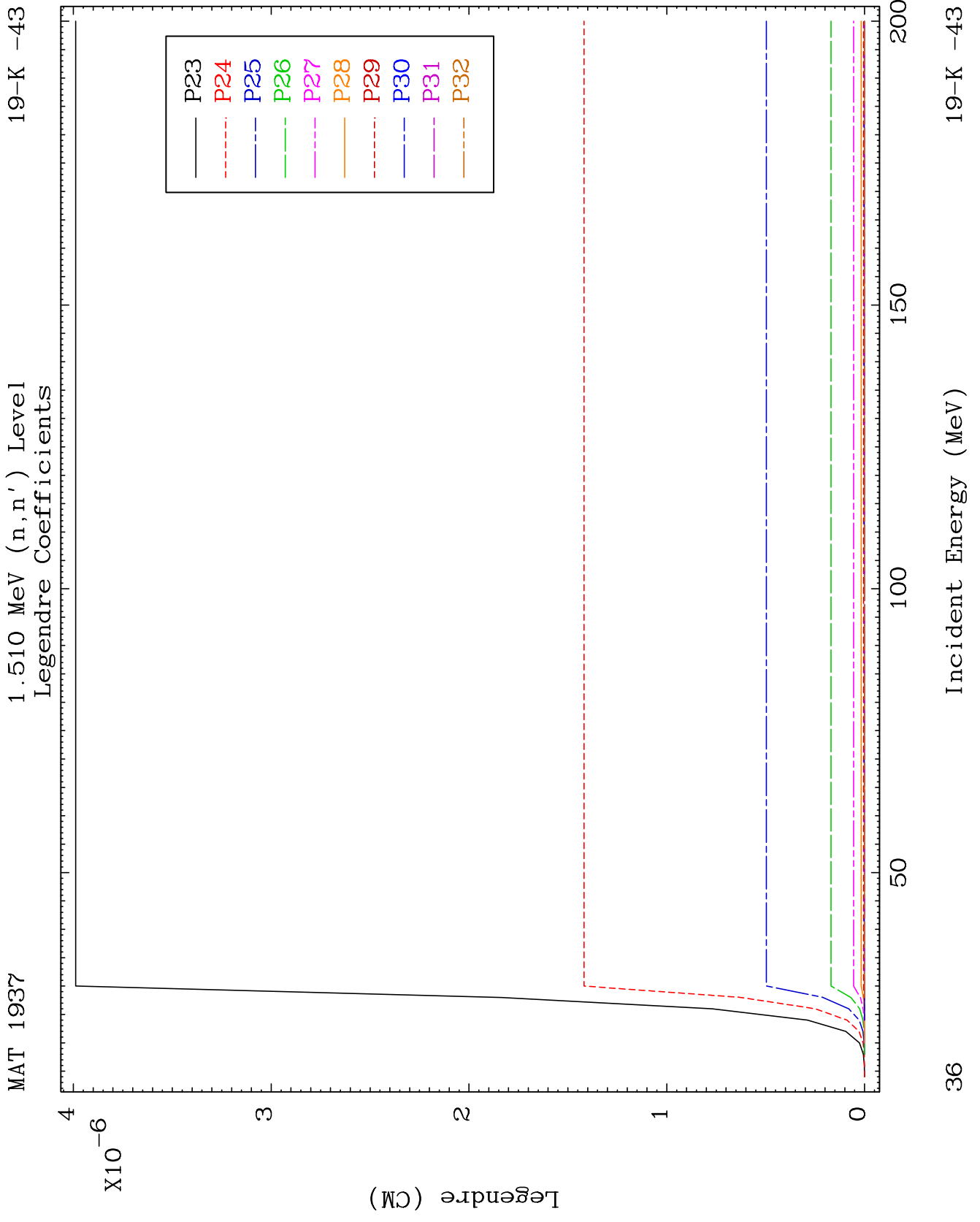


34

Incident Energy (MeV)

19-K -43

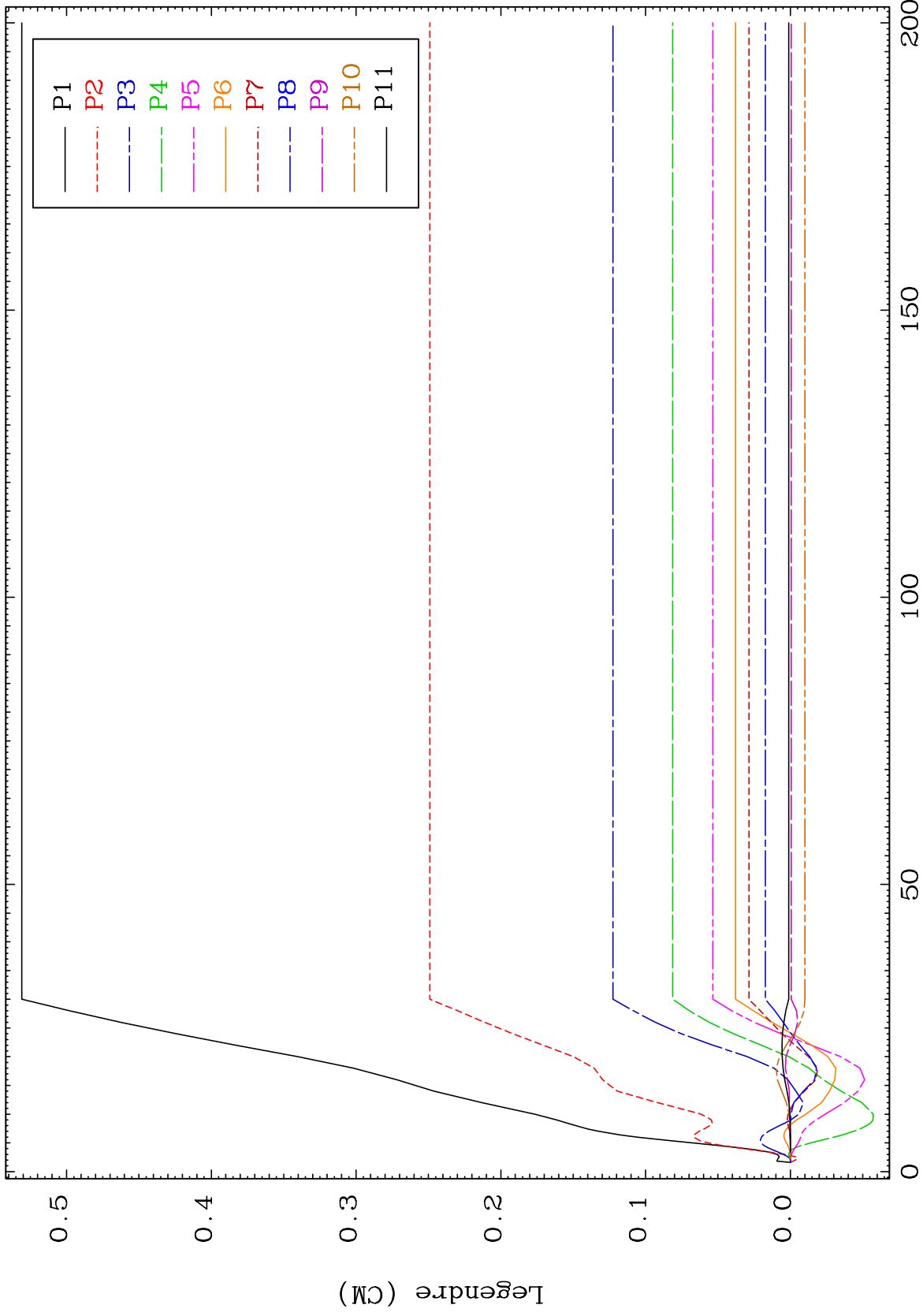




MAT 1937

1.550 MeV (n,n') Level
Legendre Coefficients

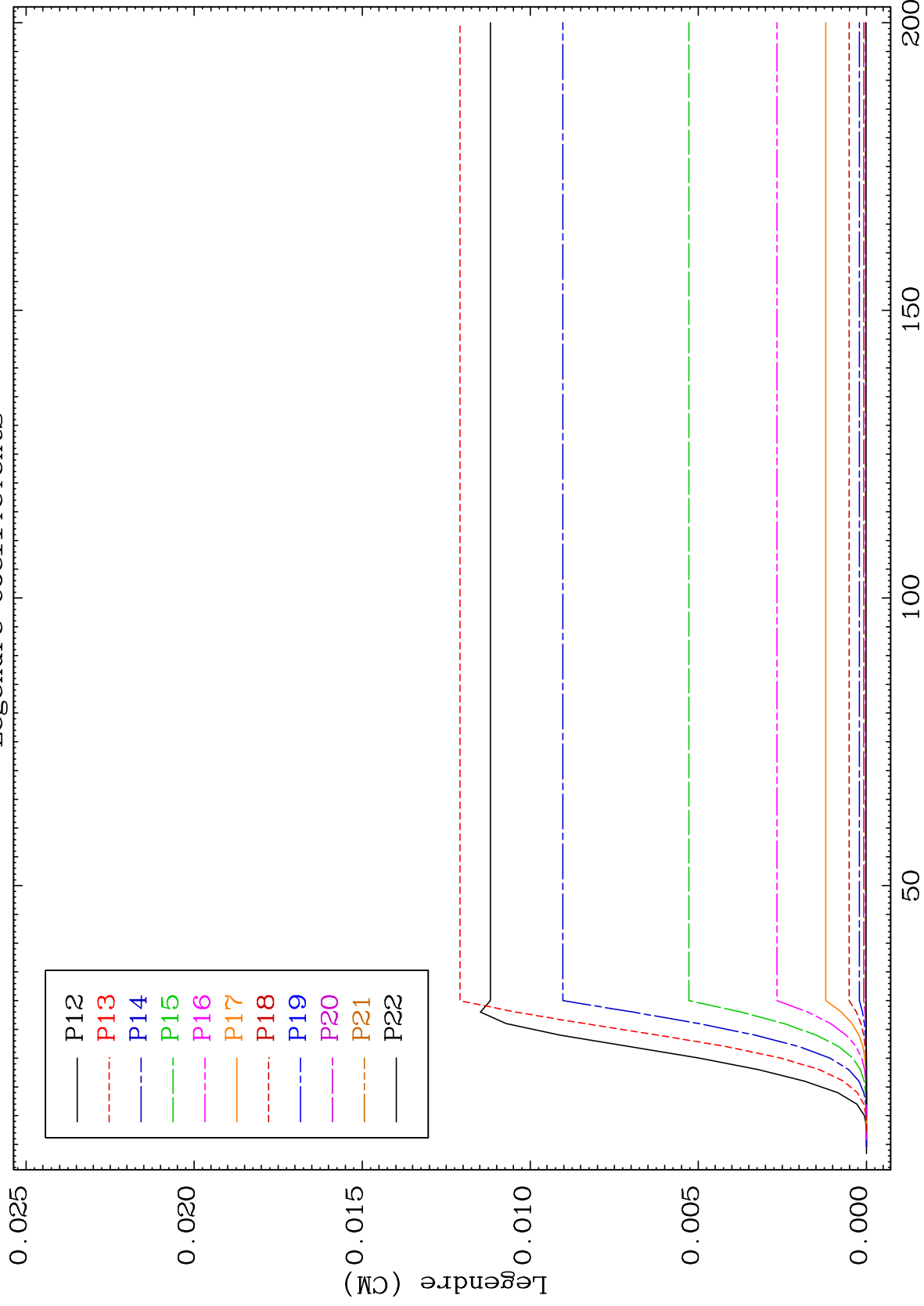
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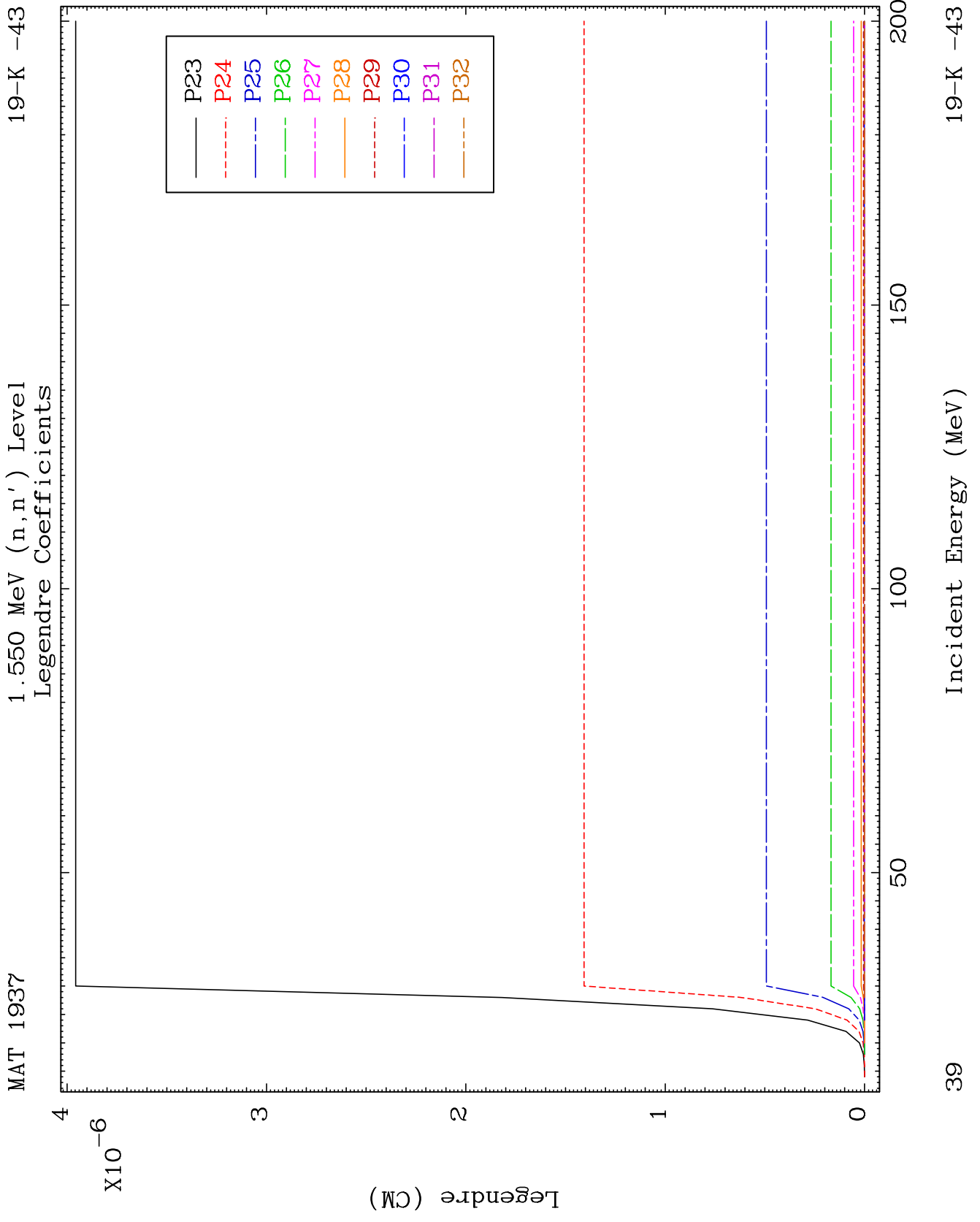


37

Incident Energy (MeV)

19-K -43

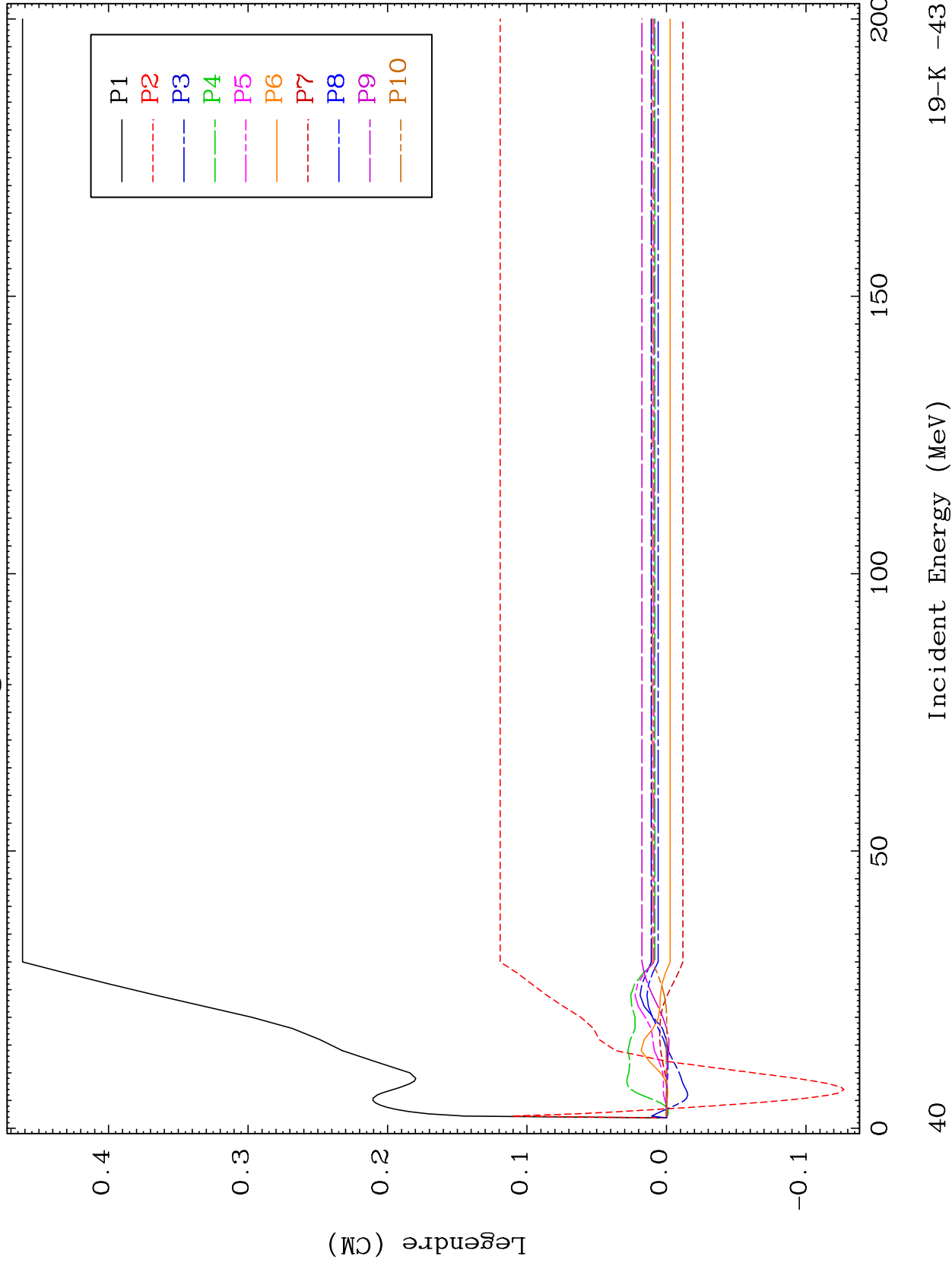




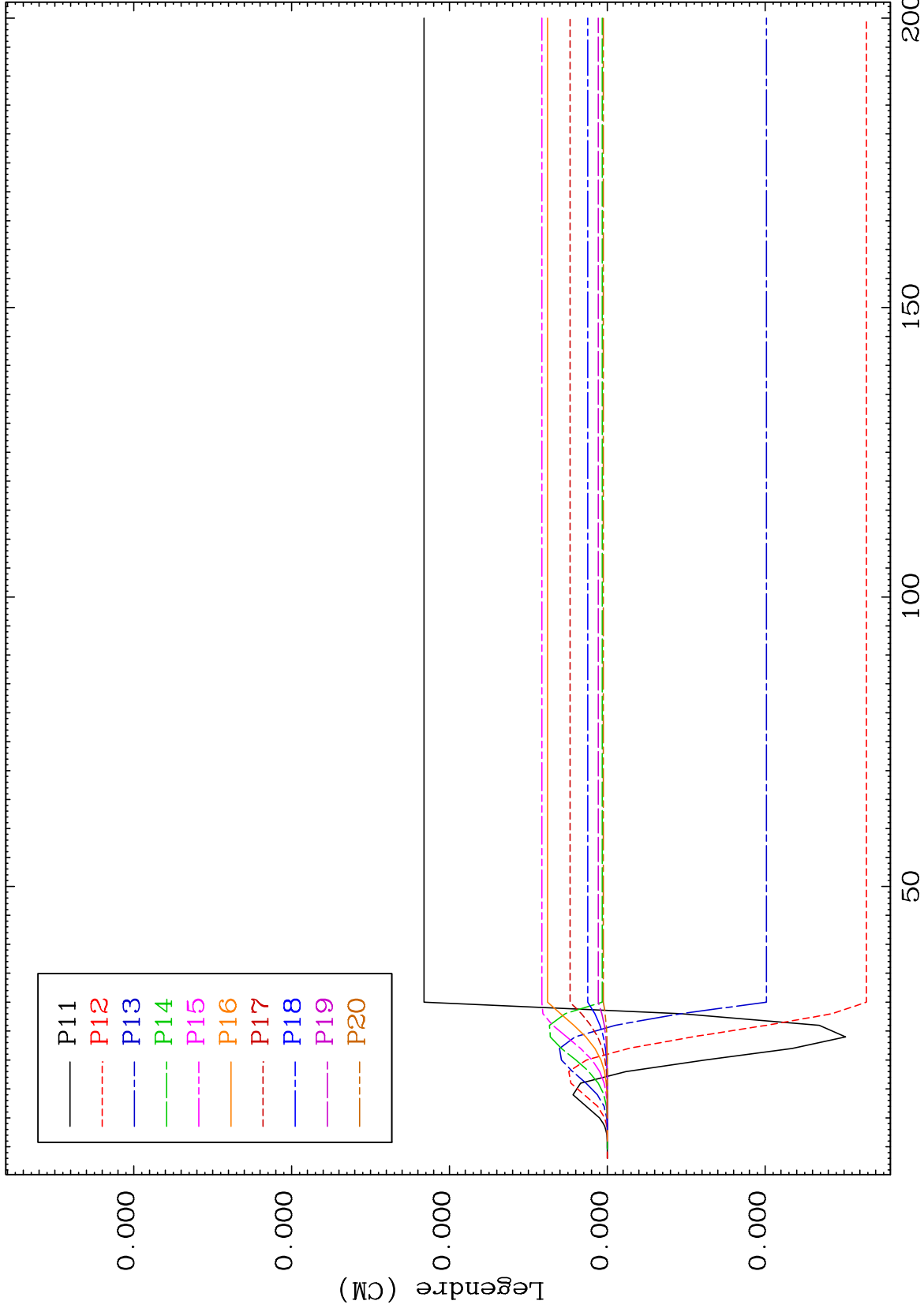
MAT 1937

1.815 MeV (n,n') Level
Legendre Coefficients

19-K -43



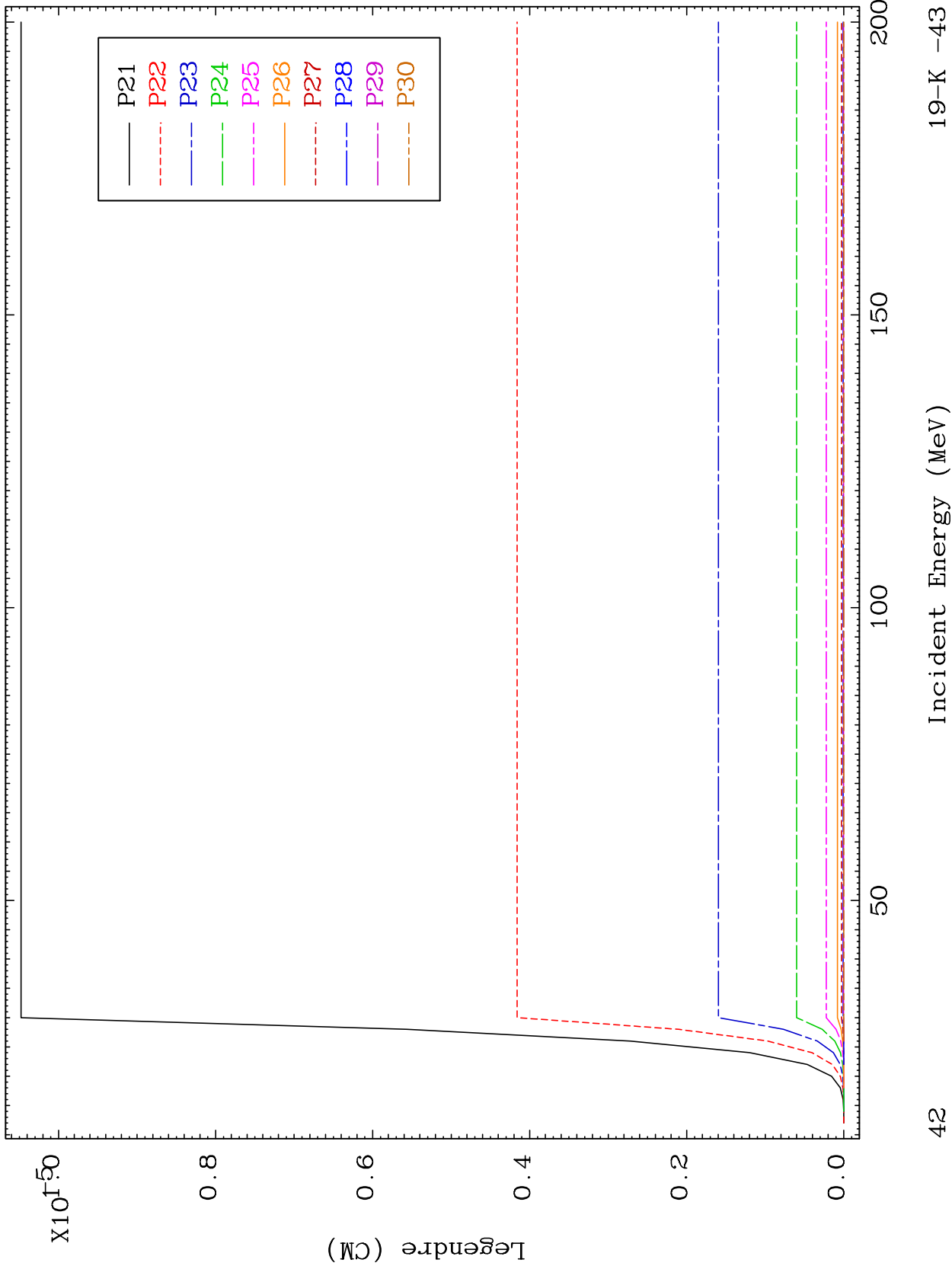
19-K -43



MAT 1937

1.815 MeV (n,n') Level
Legendre Coefficients

19-K -43



42

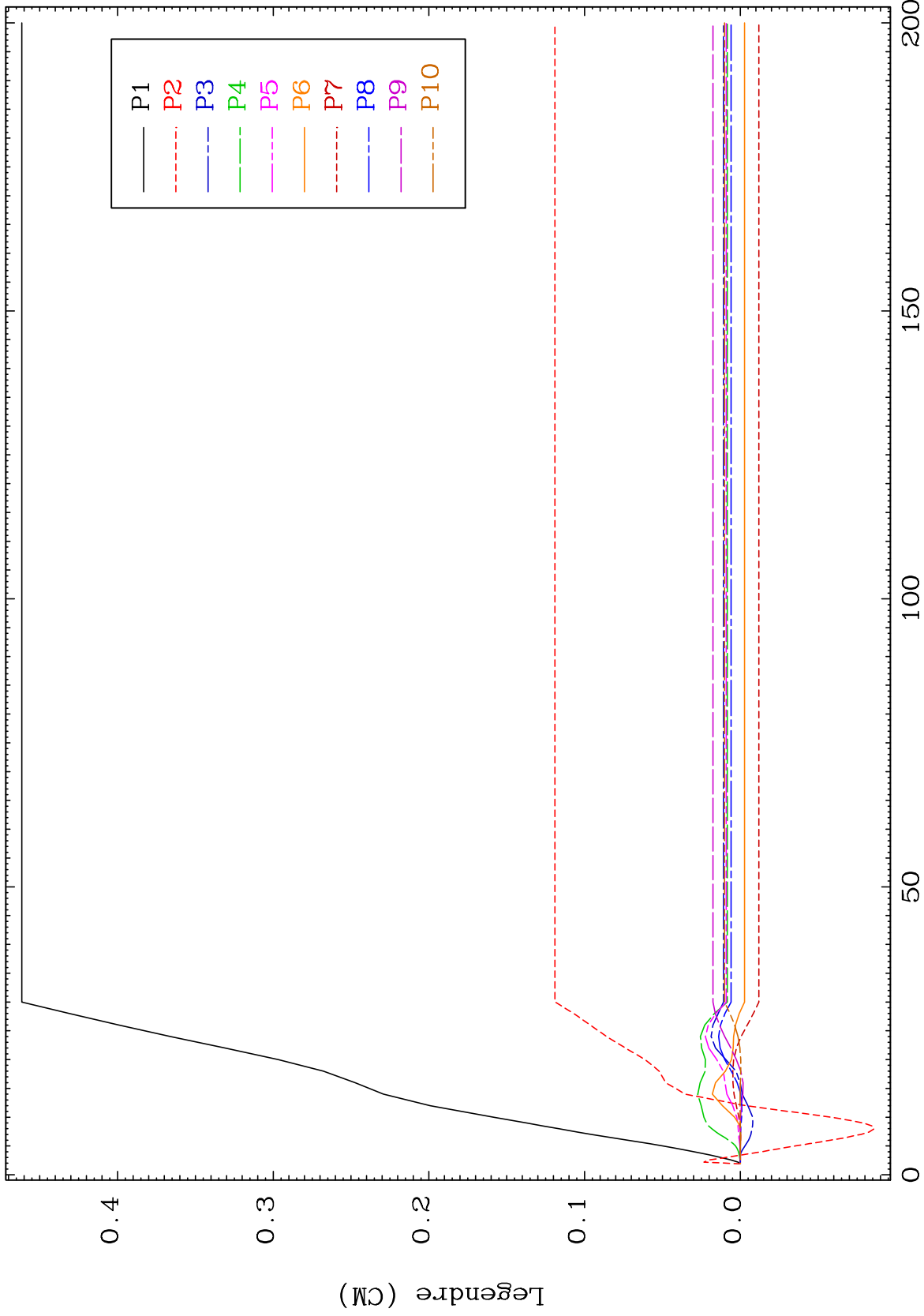
Incident Energy (MeV)

19-K -43

MAT 1937

1.850 MeV (n,n') Level
Legendre Coefficients

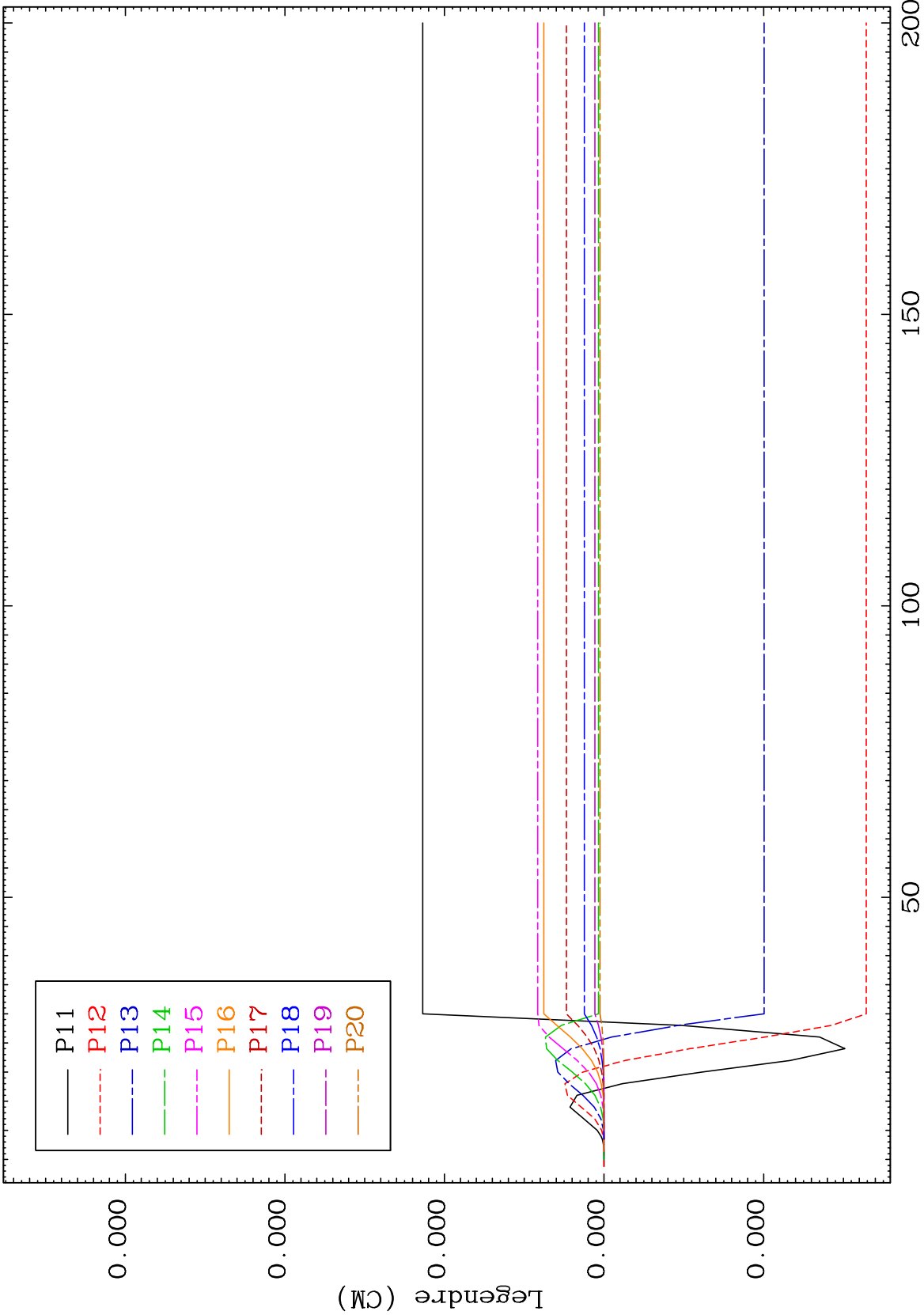
19-K -43



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Incident Energy (MeV)

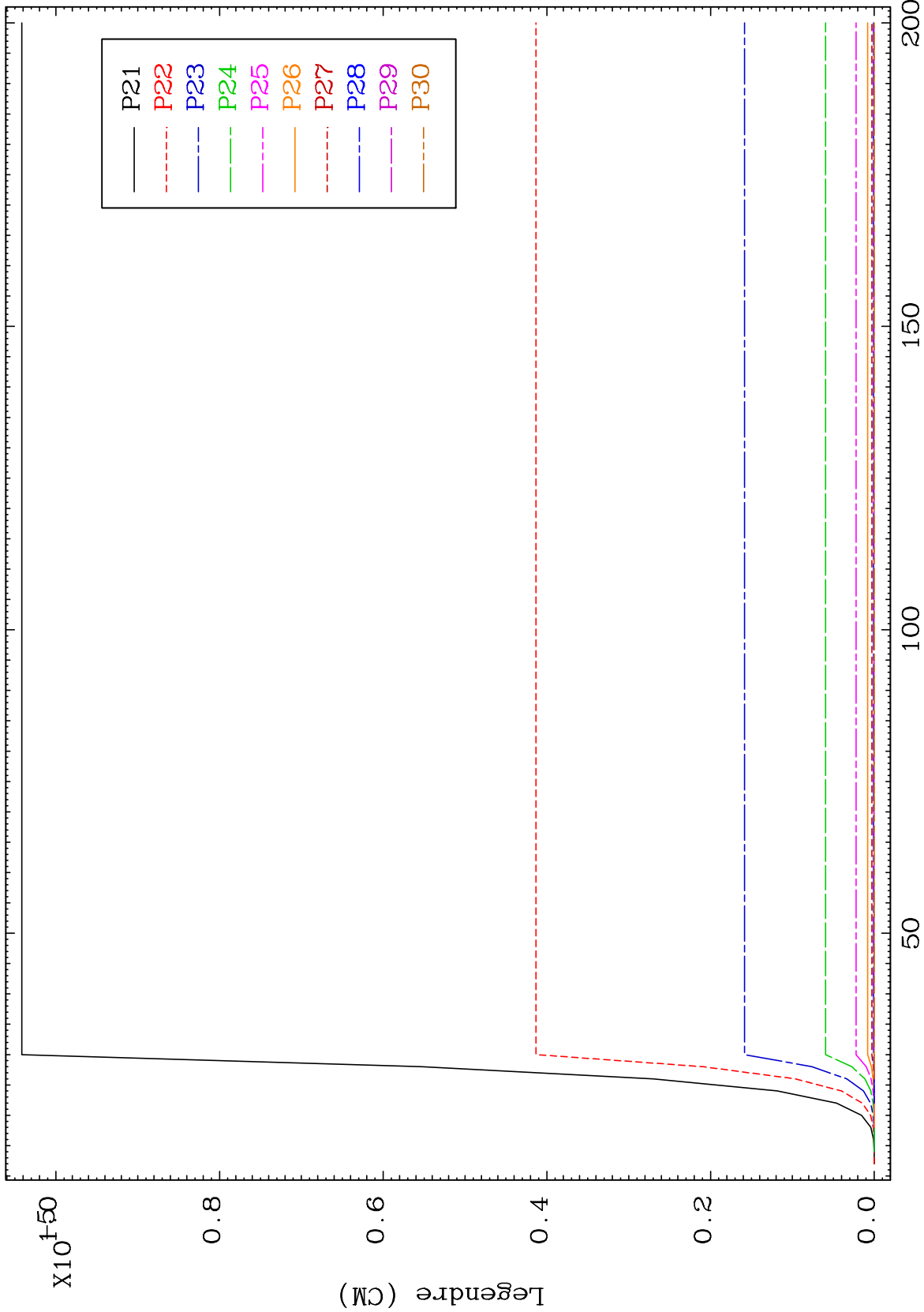
19-K -43



MAT 1937

1.850 MeV (n,n') Level
Legendre Coefficients

19-K -43



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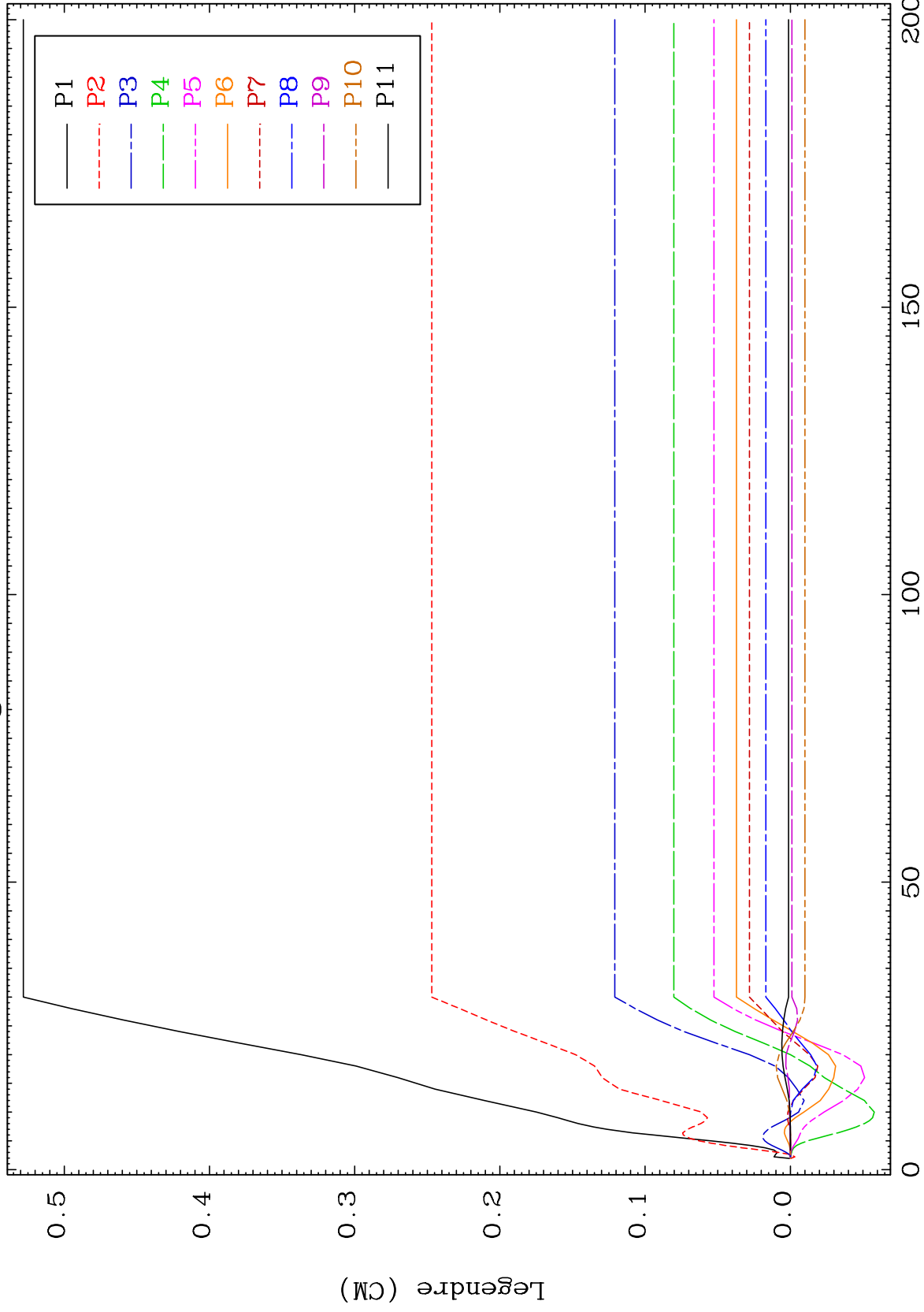
Incident Energy (MeV)

19-K -43

MAT 1937

1.866 MeV (n,n') Level
Legendre Coefficients

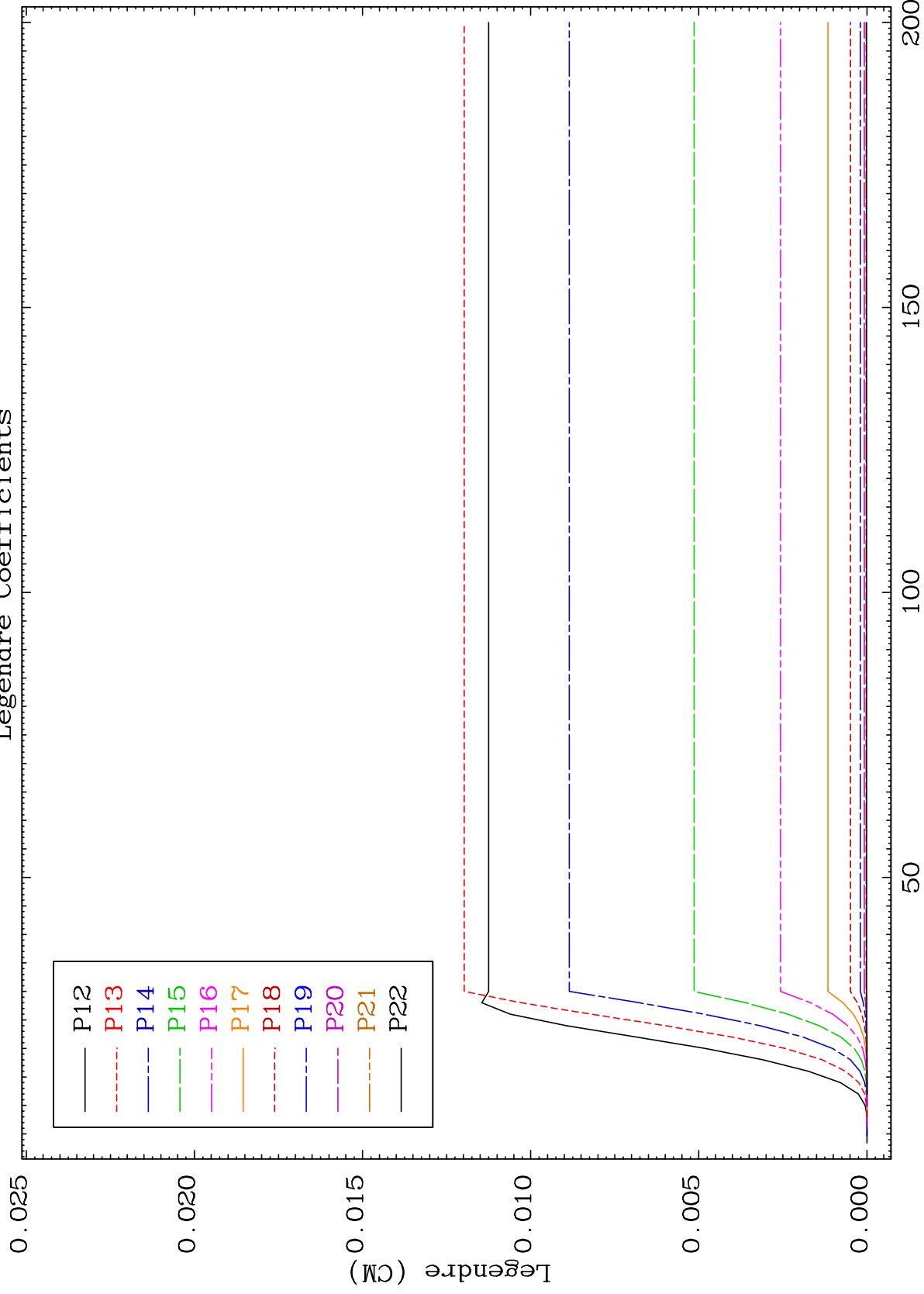
19-K -43



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Incident Energy (MeV)

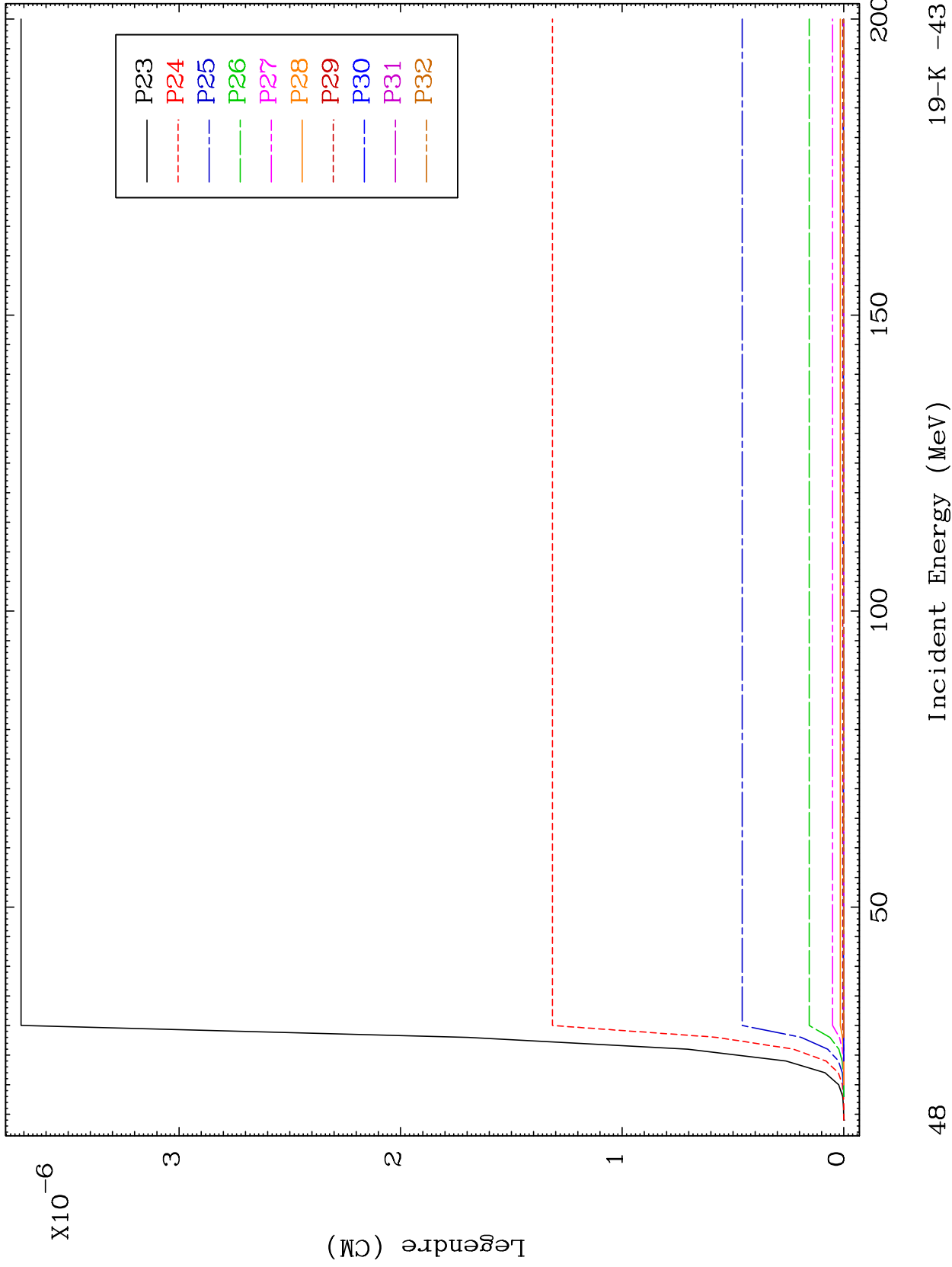
19-K -43



MAT 1937

1.866 MeV (n,n') Level
Legendre Coefficients

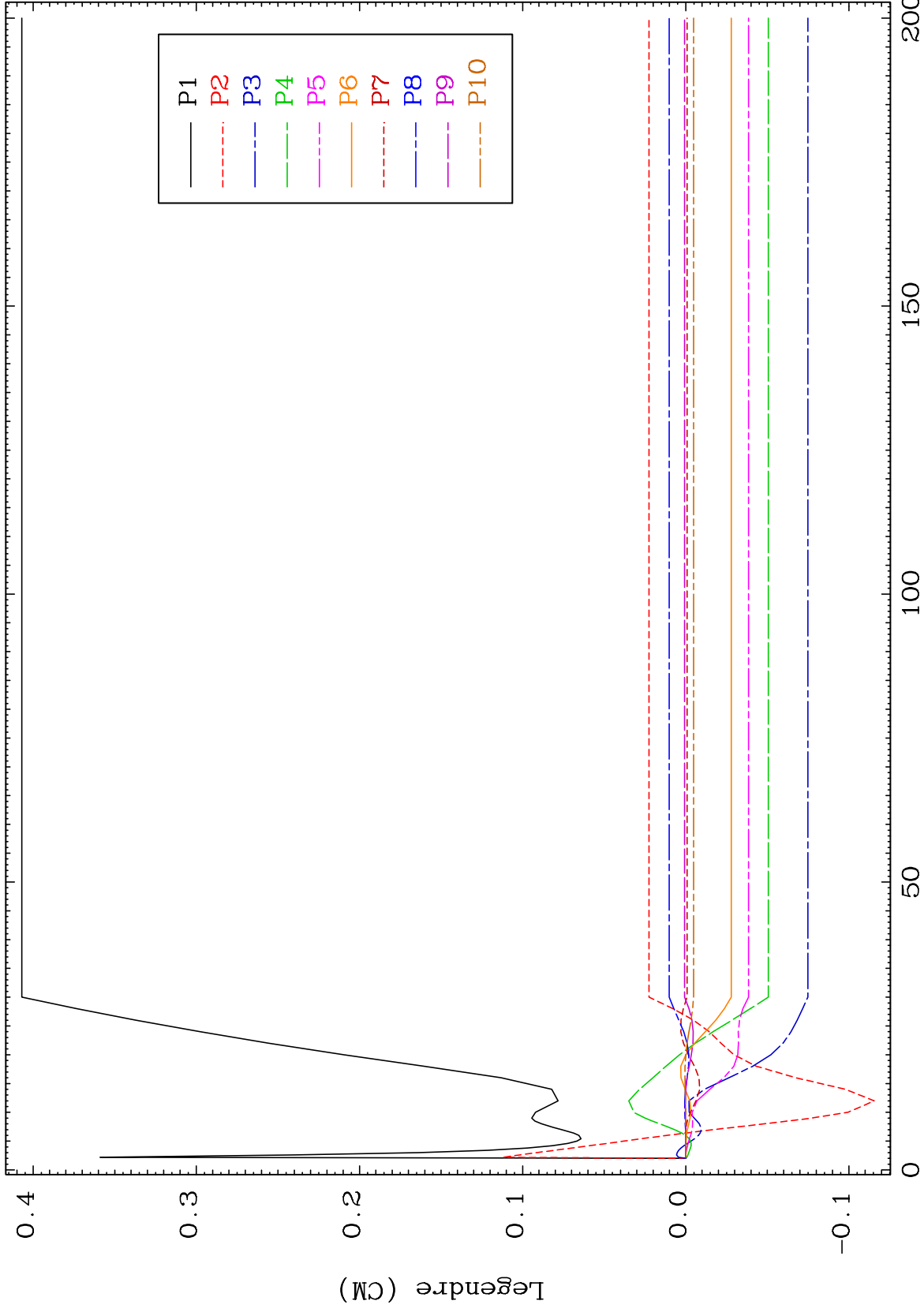
19-K -43



MAT 1937

1.956 MeV (n,n') Level
Legendre Coefficients

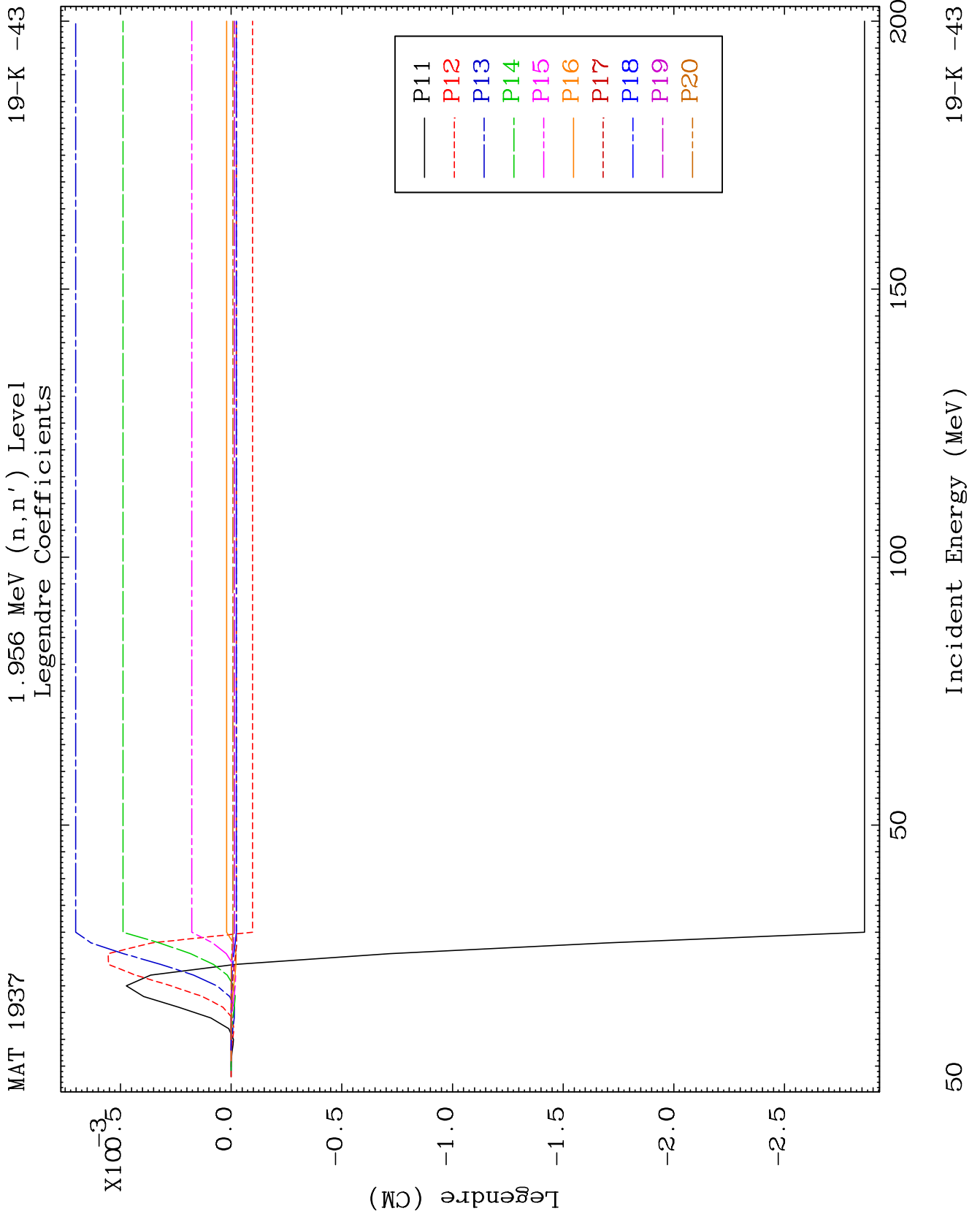
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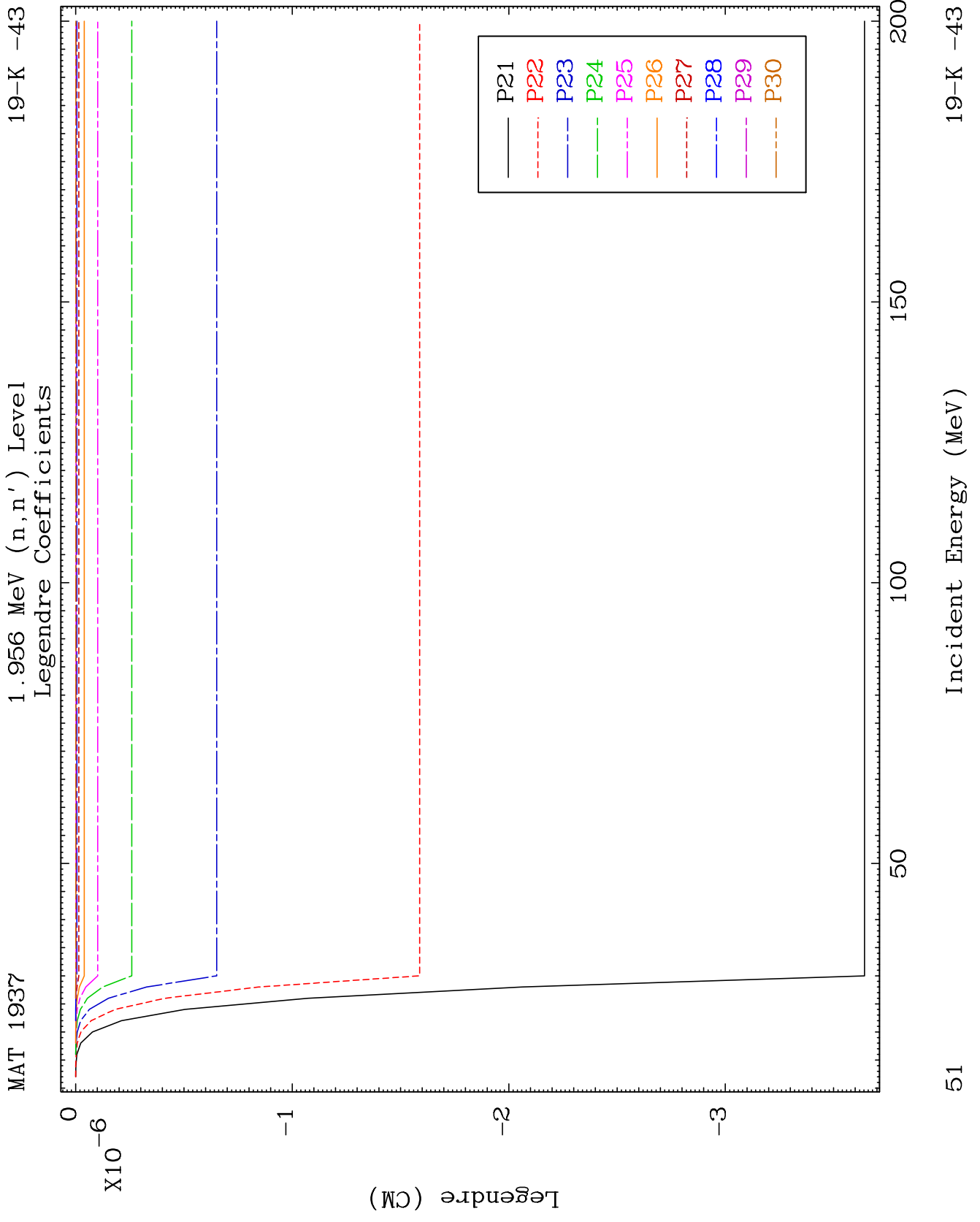


49

Incident Energy (MeV)

19-K -43

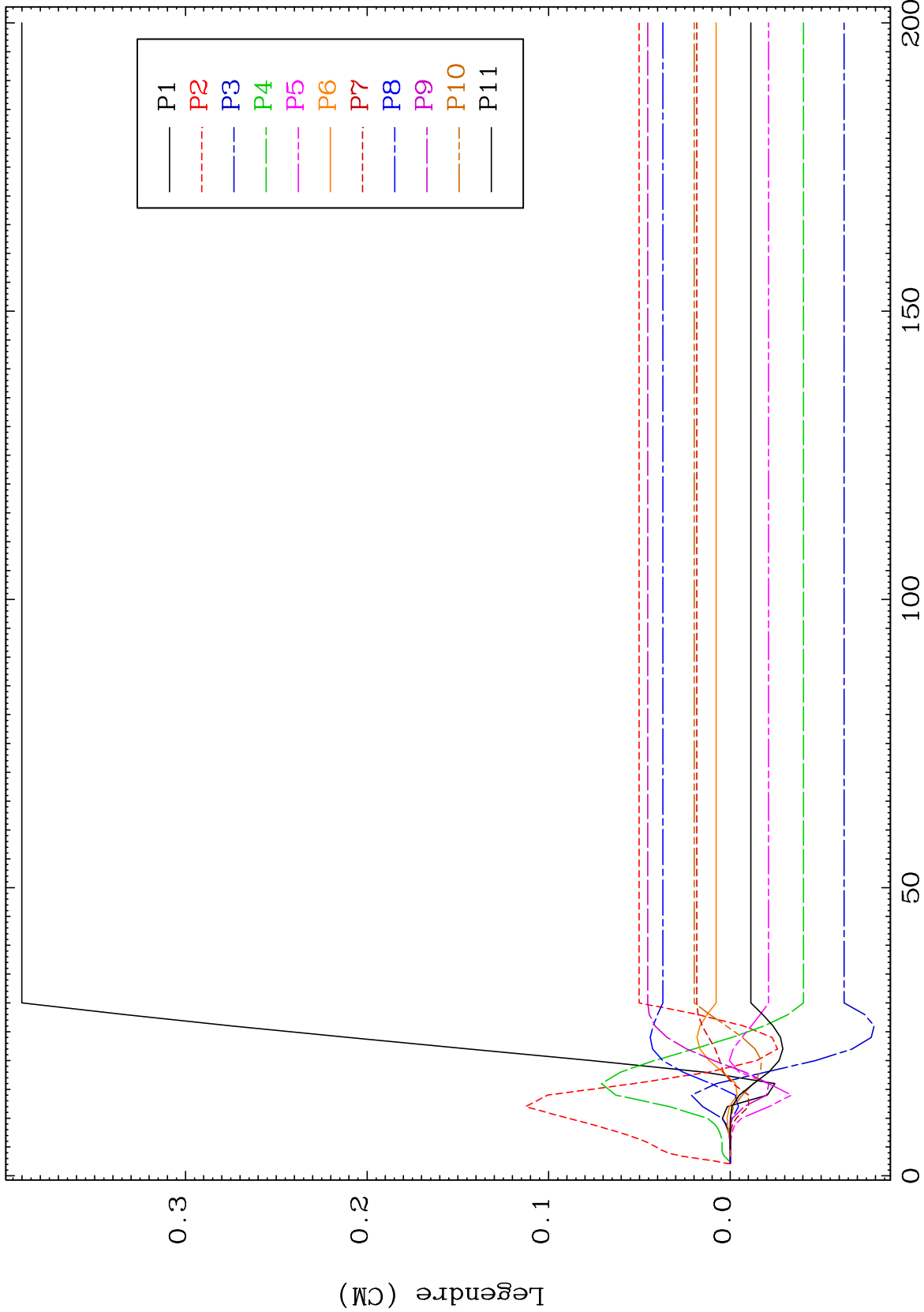




MAT 1937

2.035 MeV (n,n') Level
Legendre Coefficients

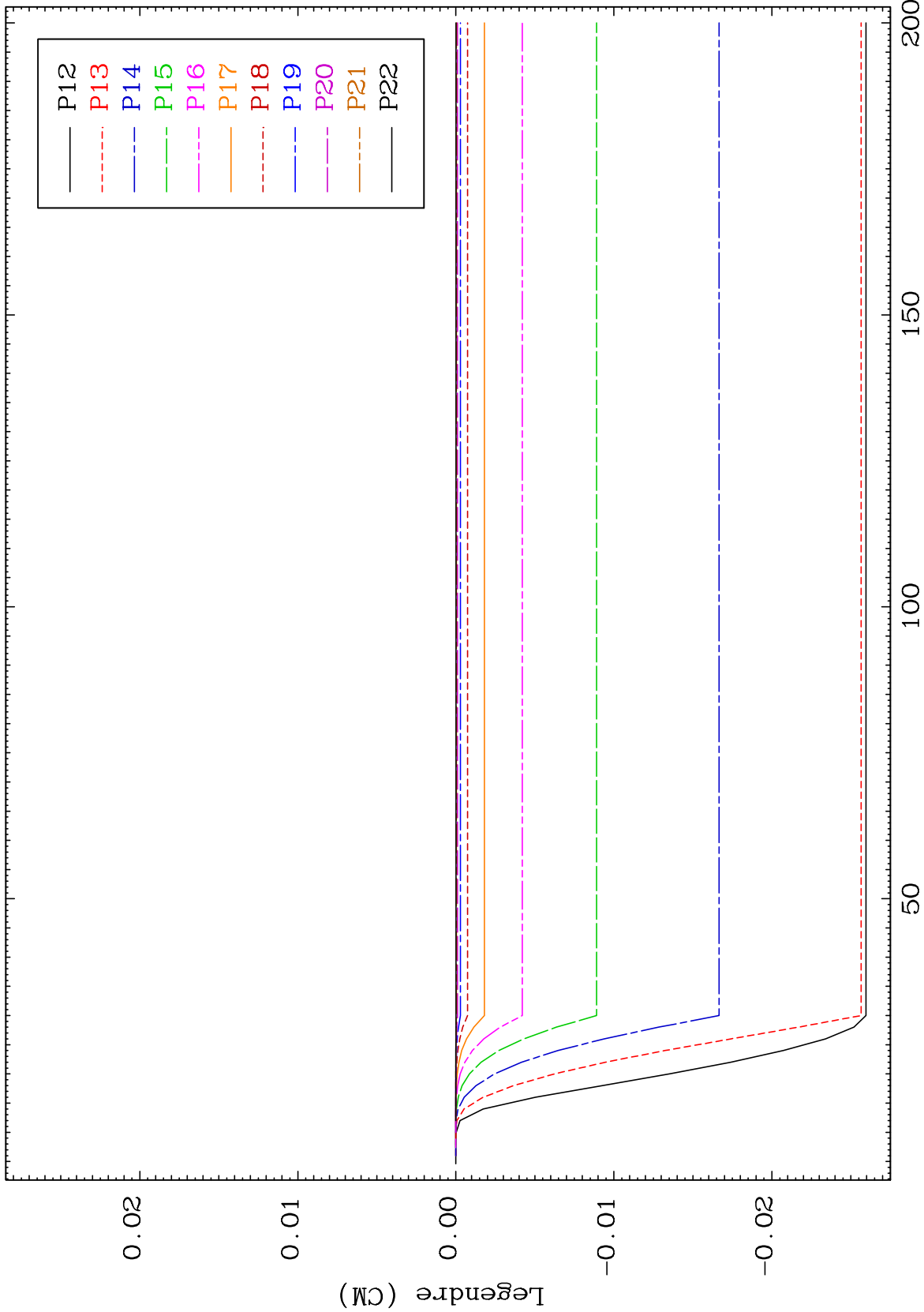
19-K -43

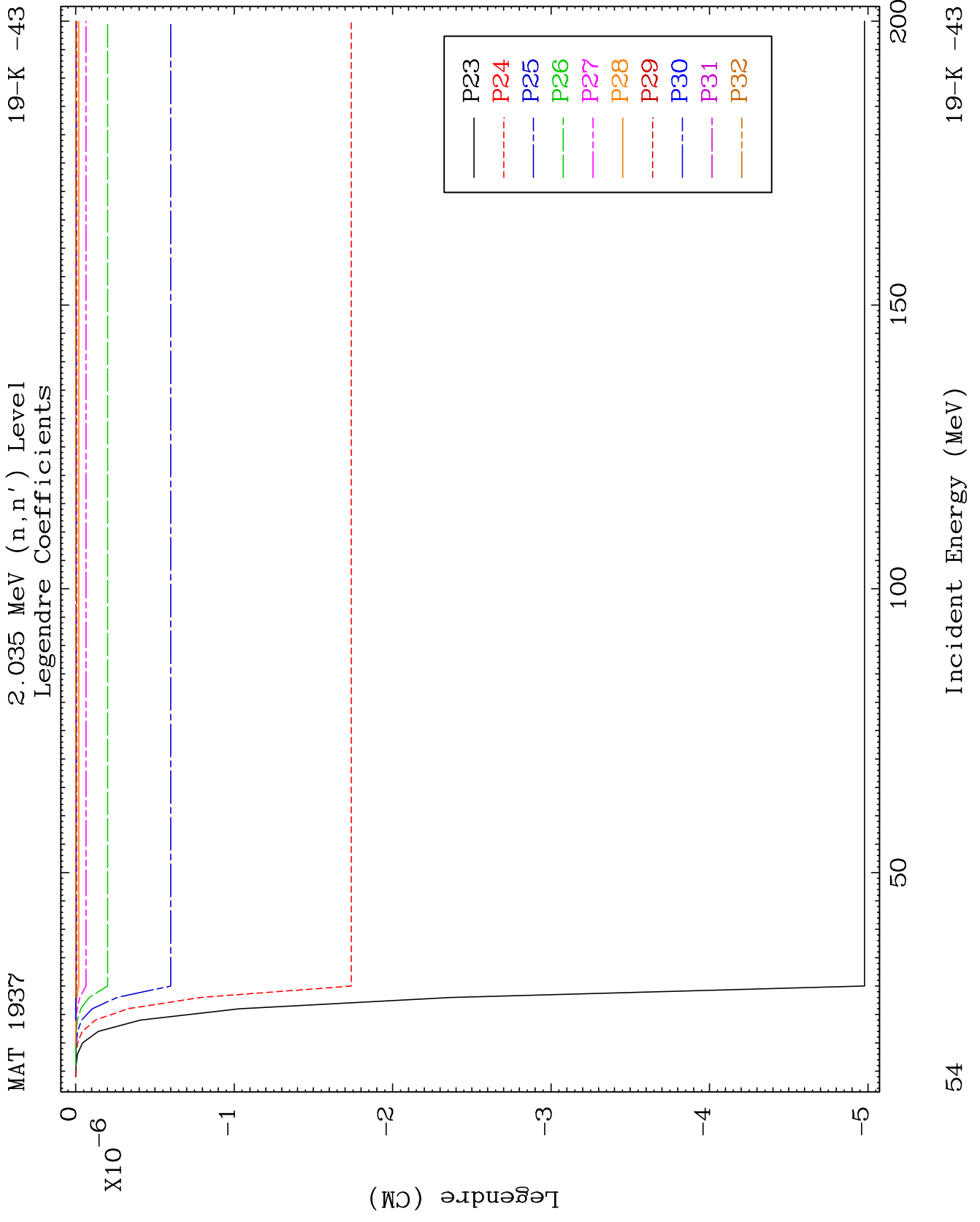


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Incident Energy (MeV)

19-K -43

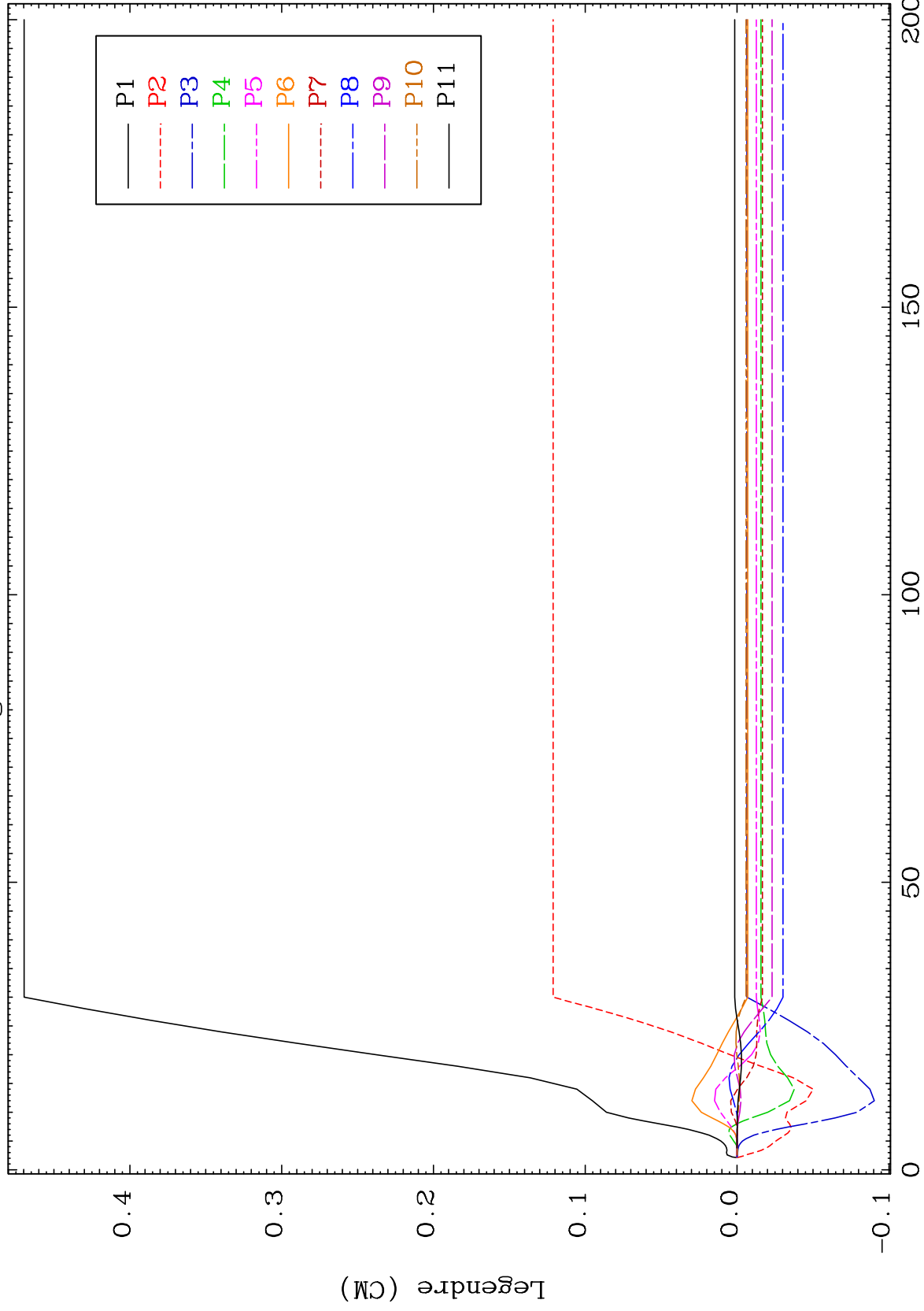




MAT 1937

2.048 MeV (n,n') Level
Legendre Coefficients

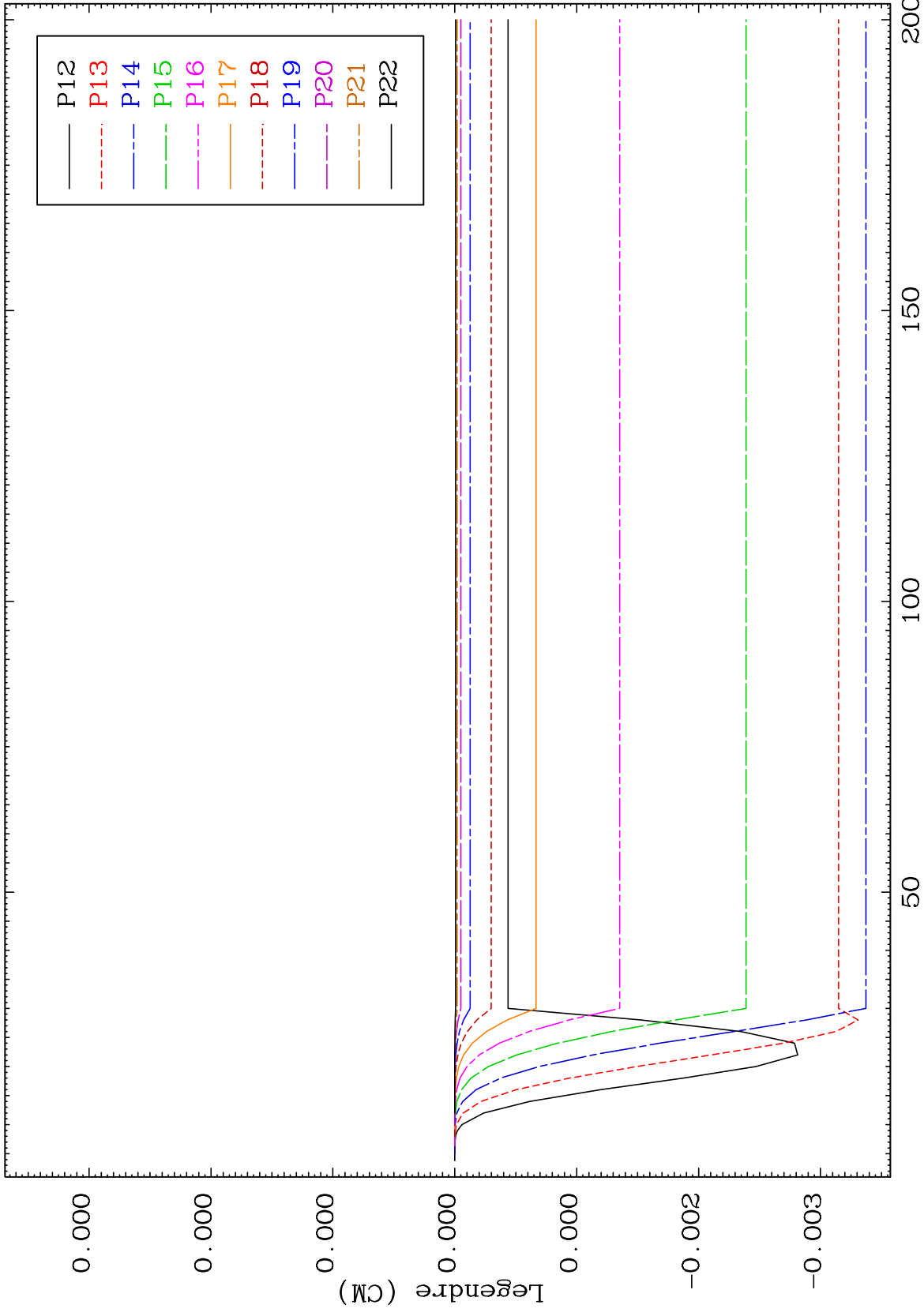
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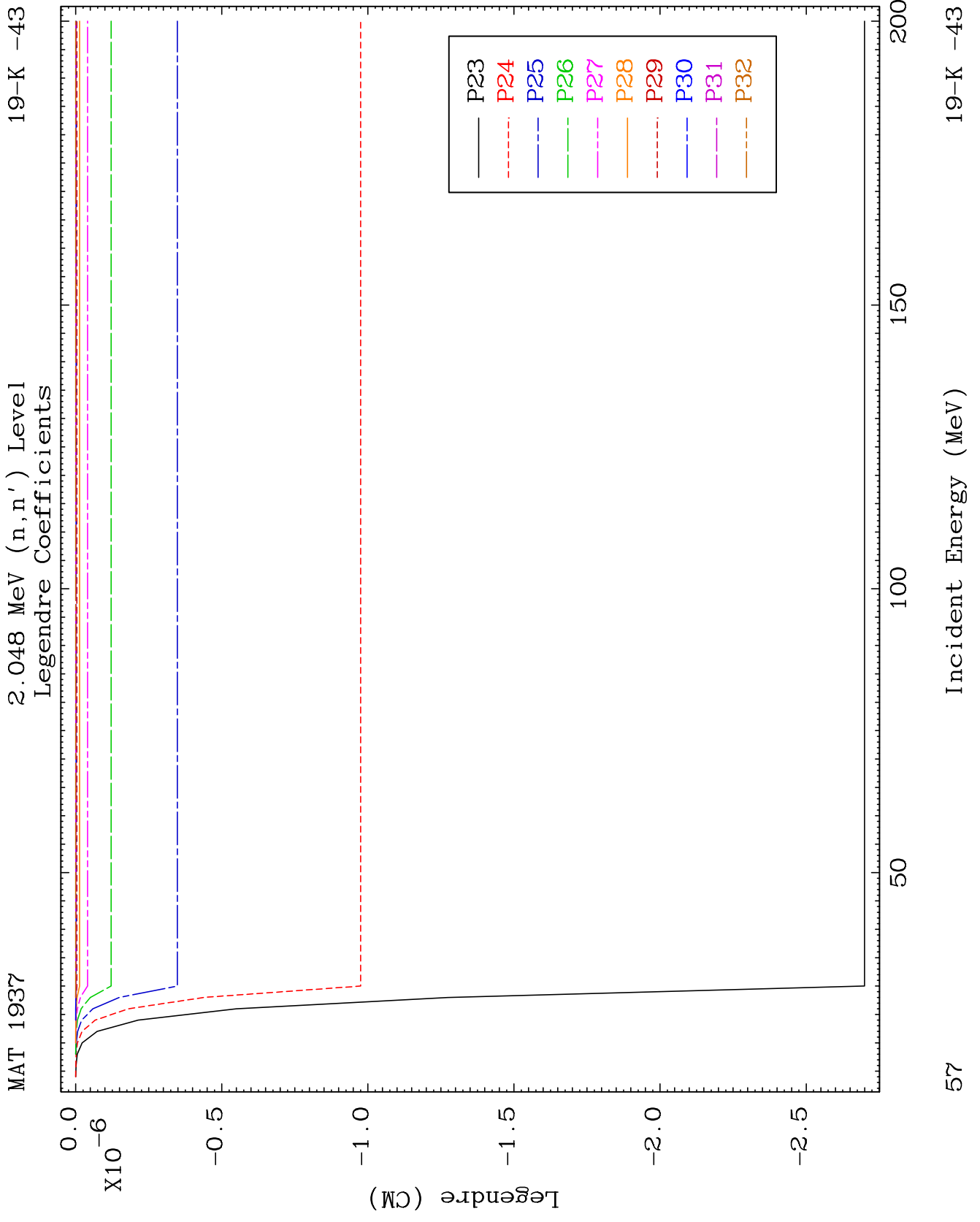


19-K -43

Incident Energy (MeV)

55

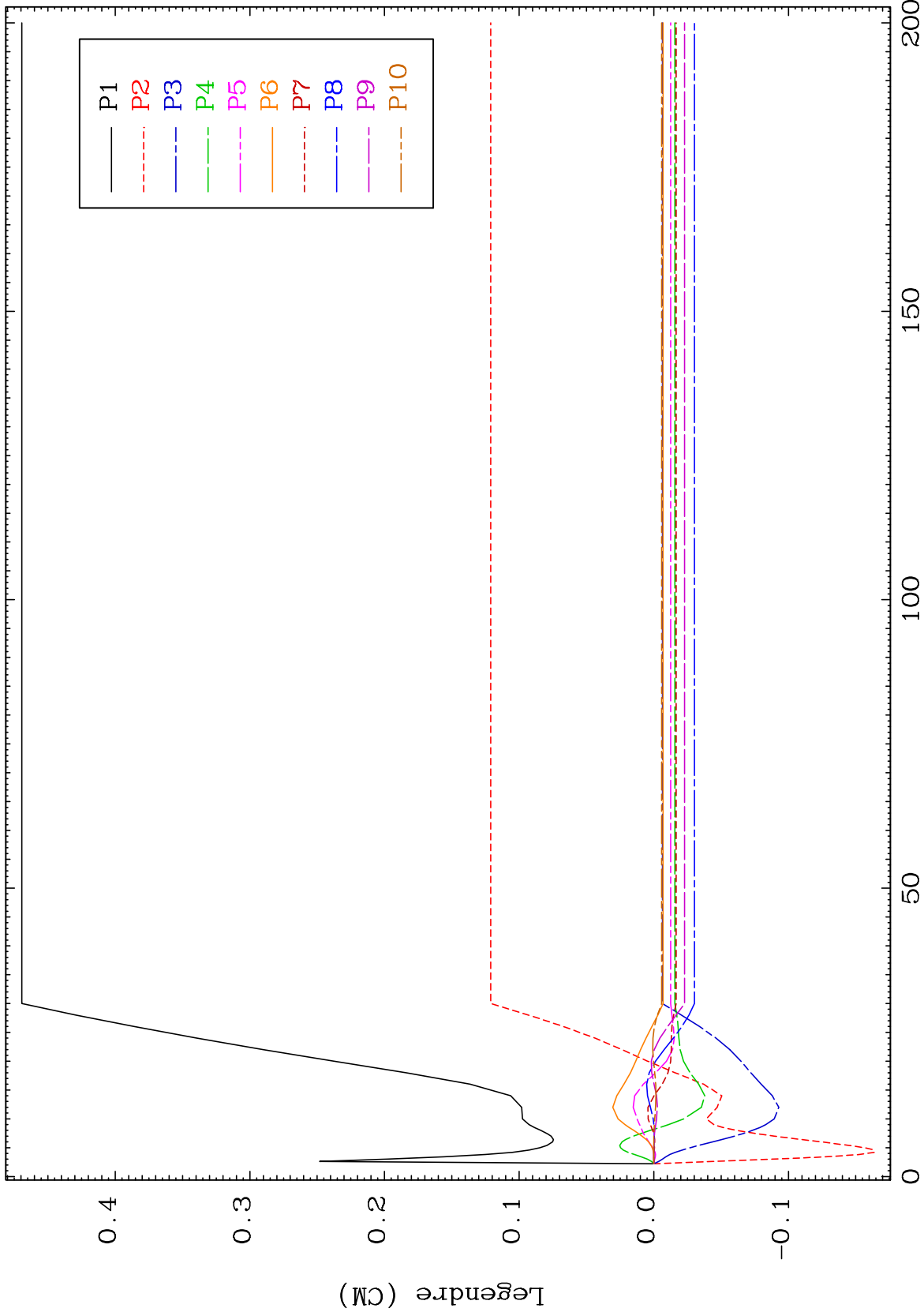




MAT 1937

2.086 MeV (n,n') Level
Legendre Coefficients

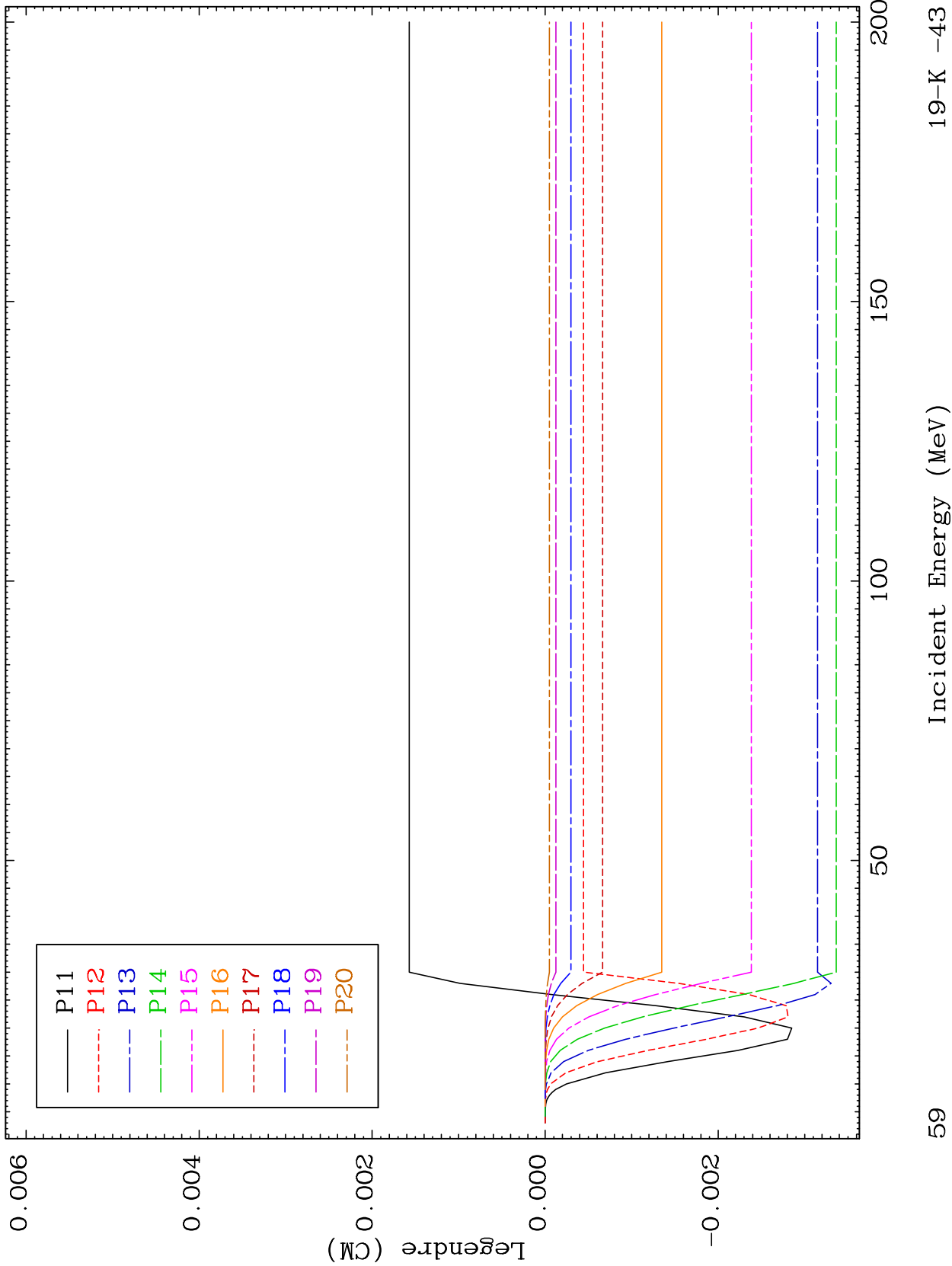
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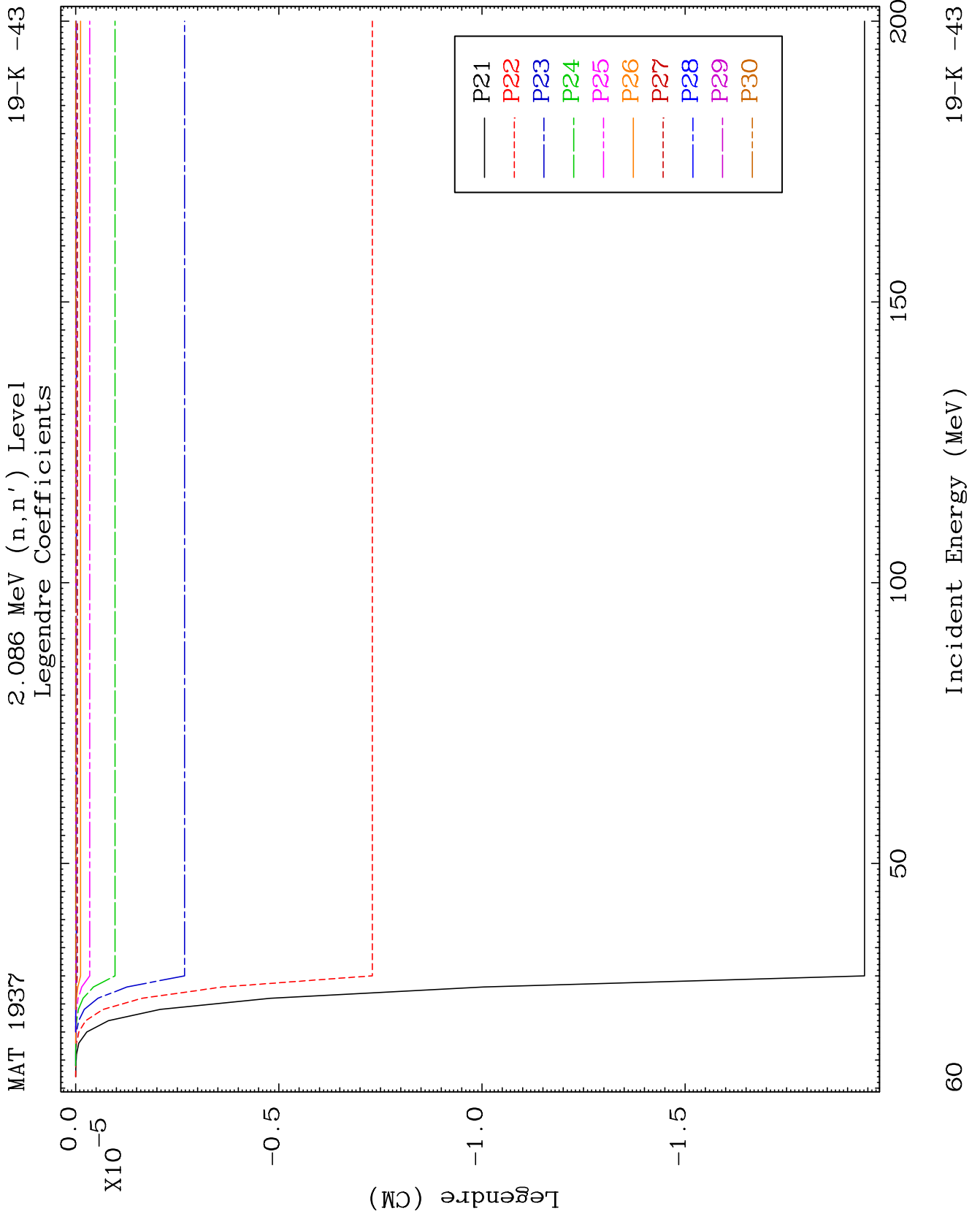


Incident Energy (MeV)

19-K -43

58

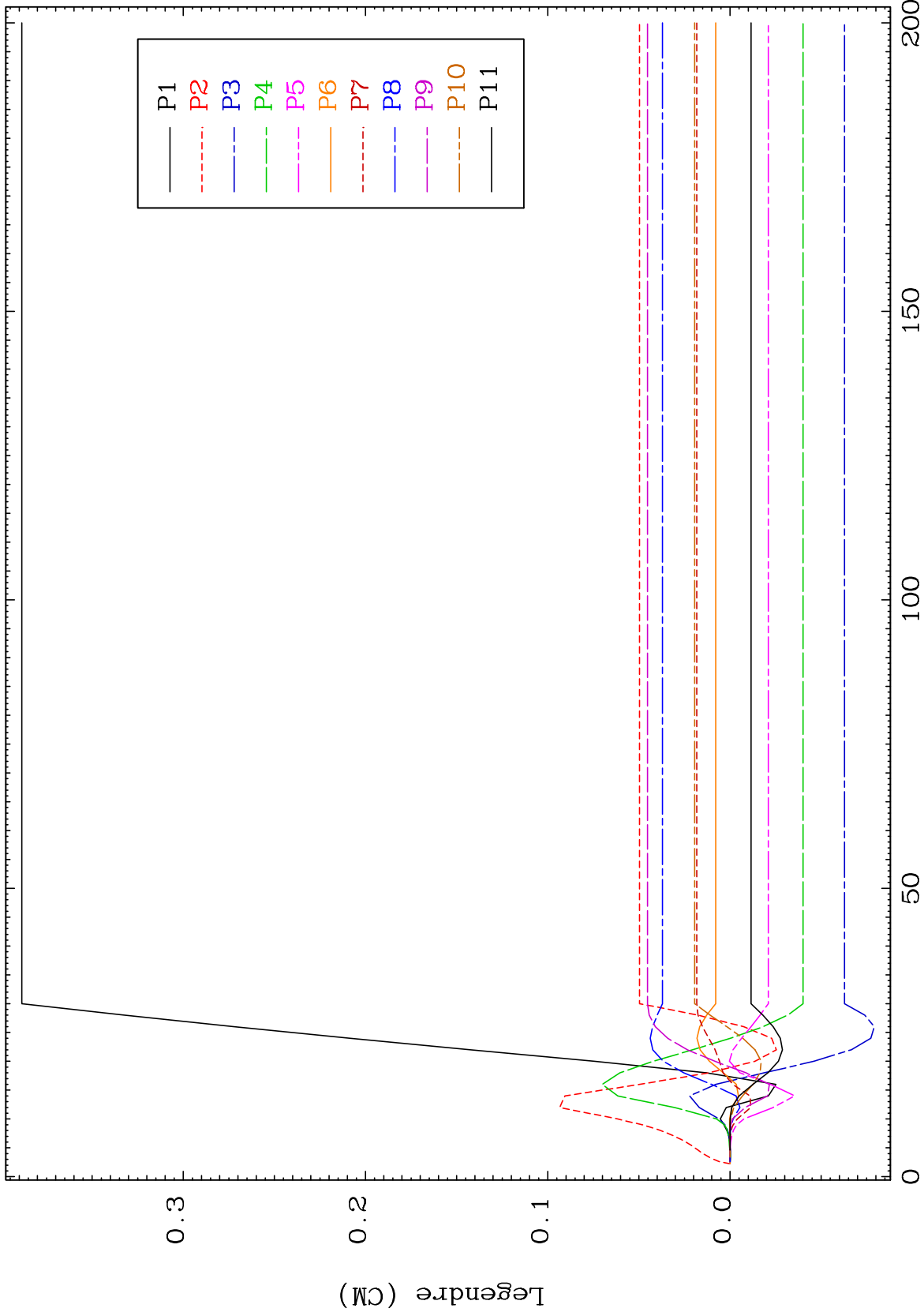




MAT 1937

2.178 MeV (n,n') Level
Legendre Coefficients

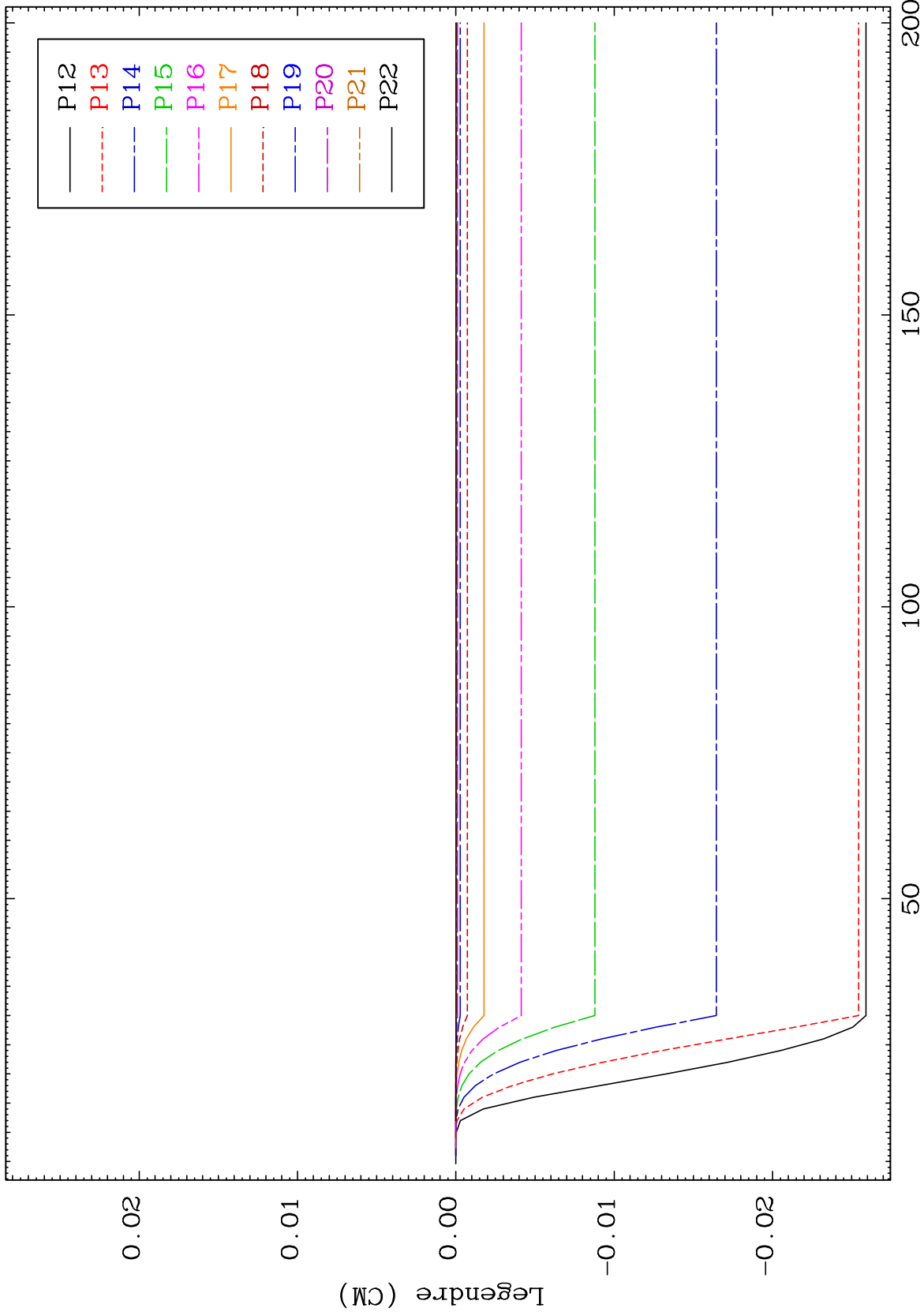
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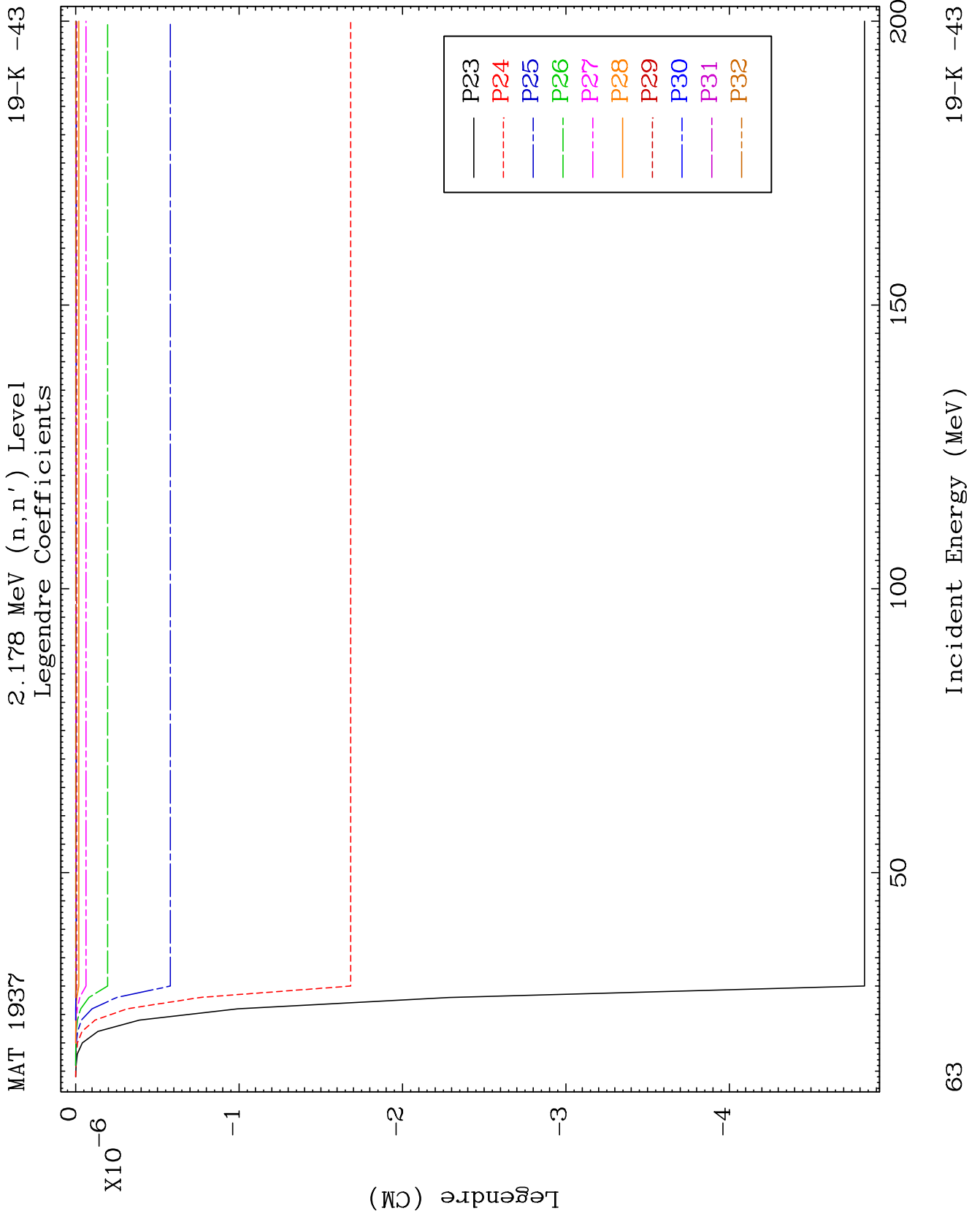


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Incident Energy (MeV)

19-K -43

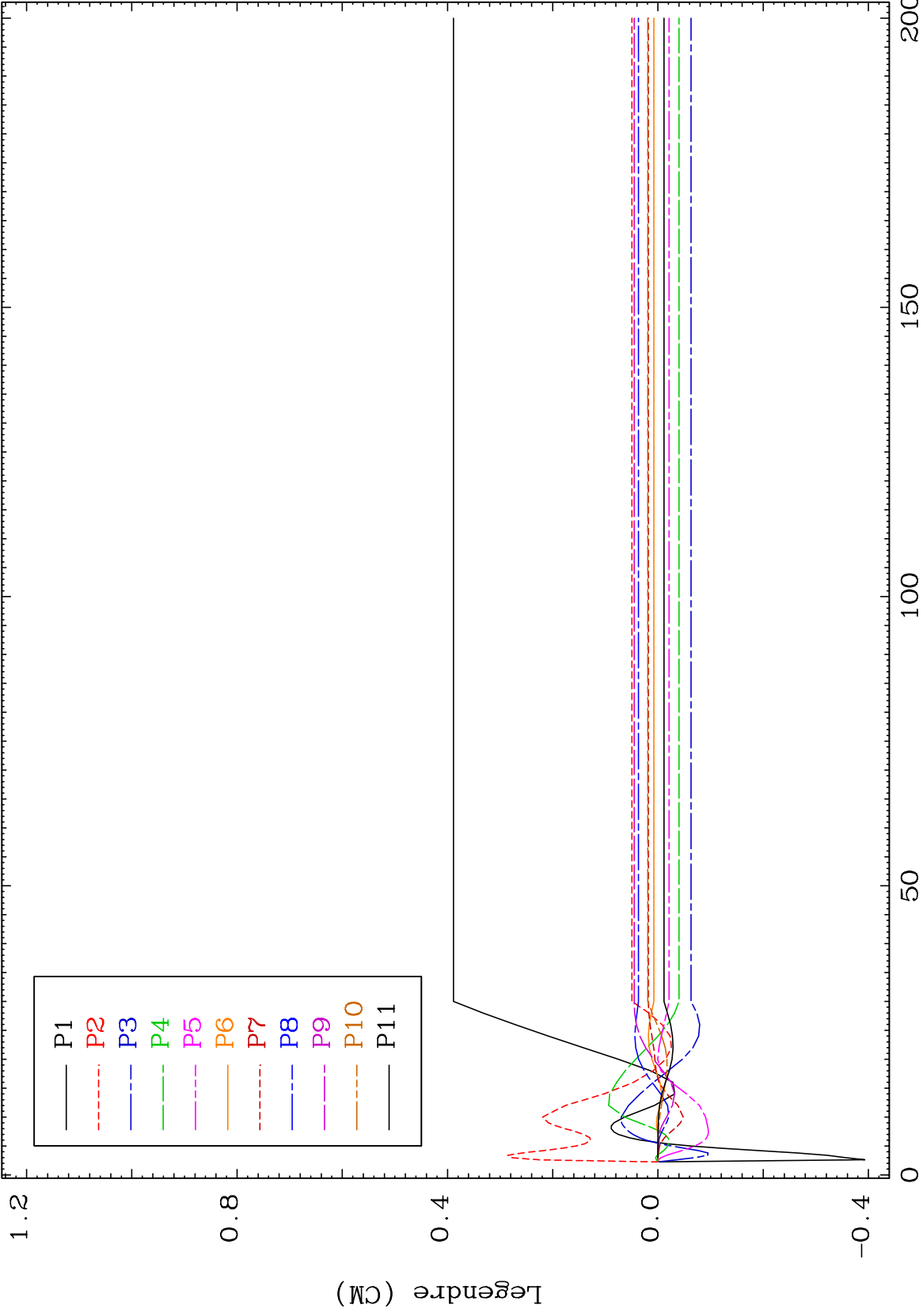




MAT 1937

2.189 MeV (n,n') Level
Legendre Coefficients

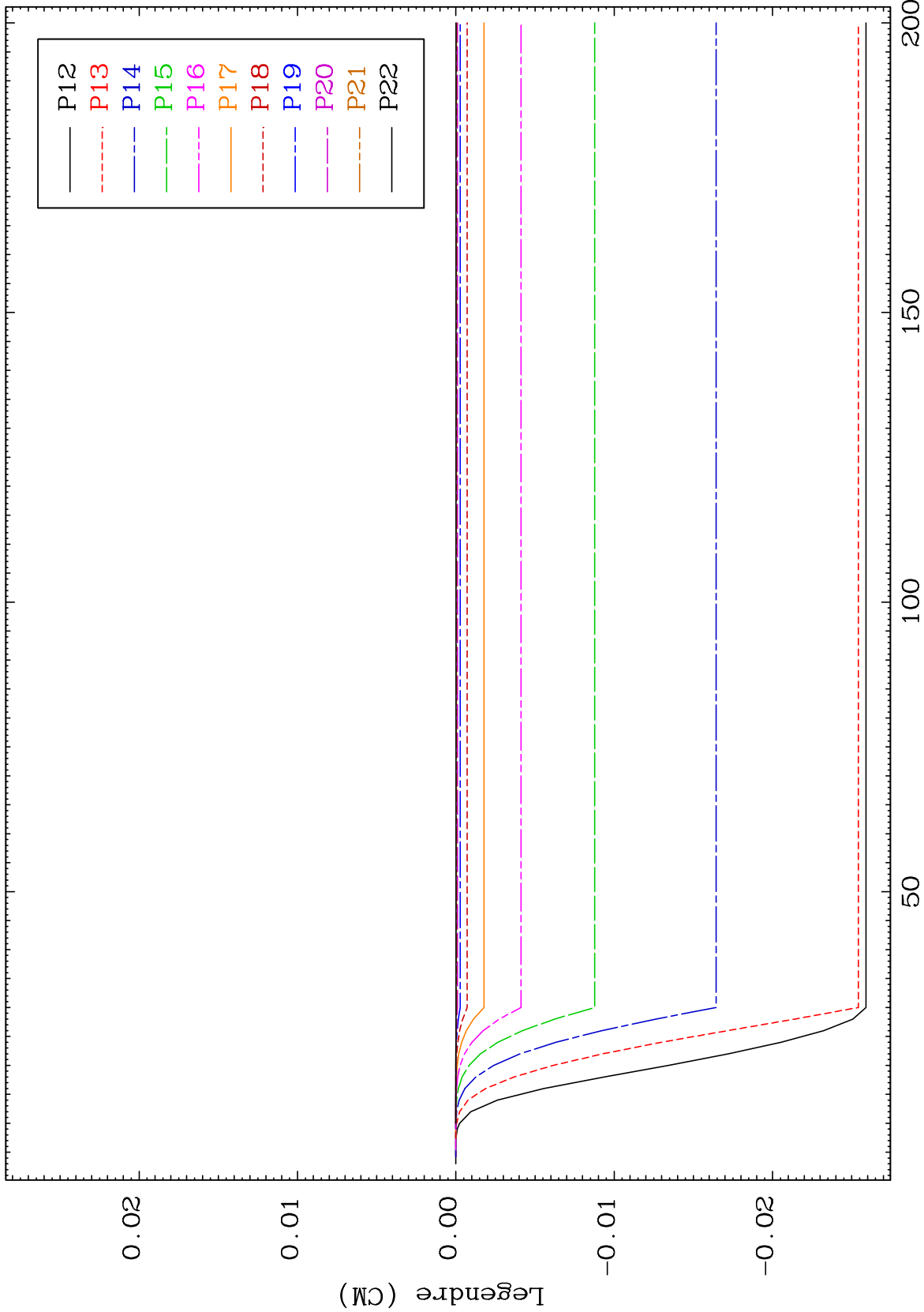
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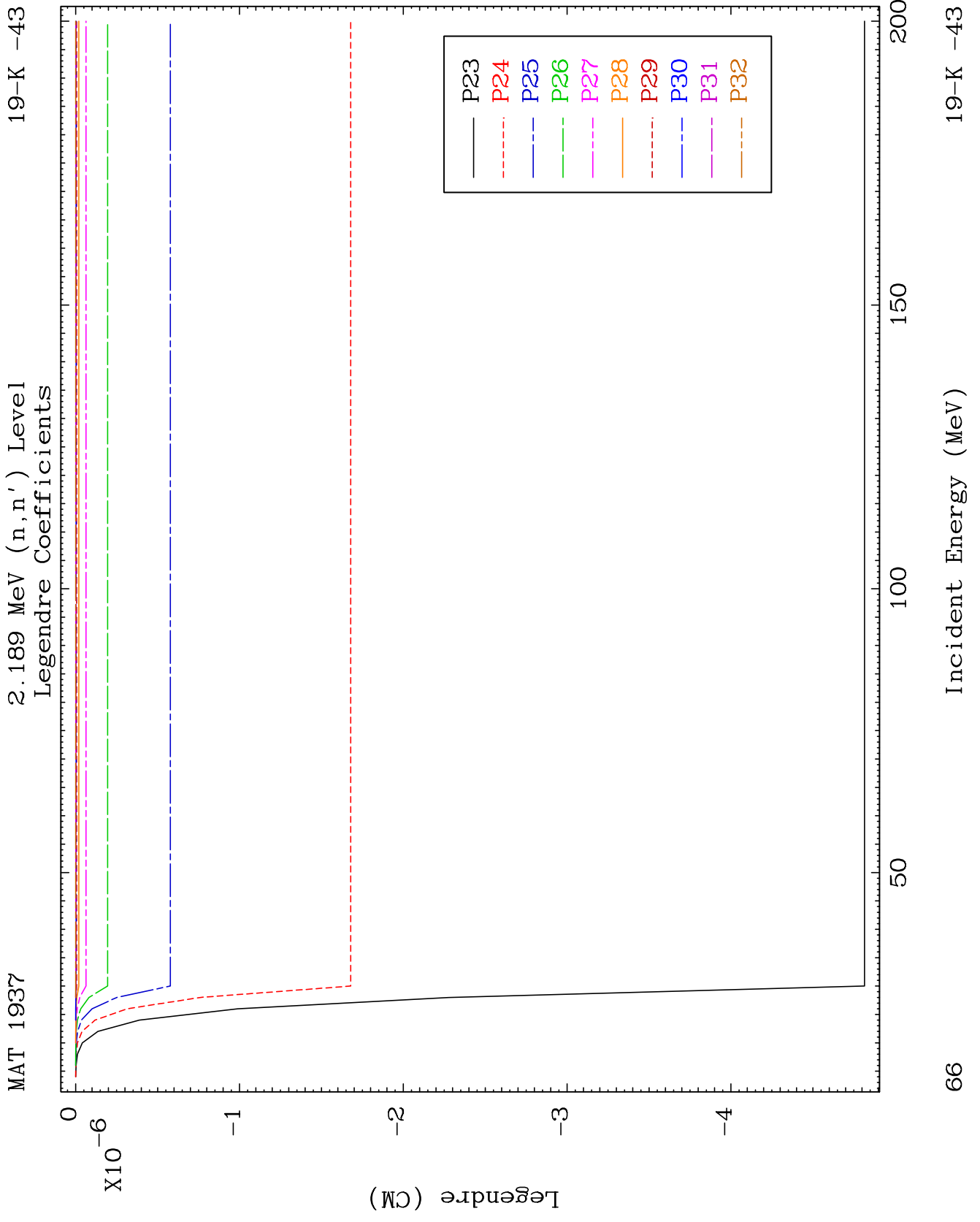


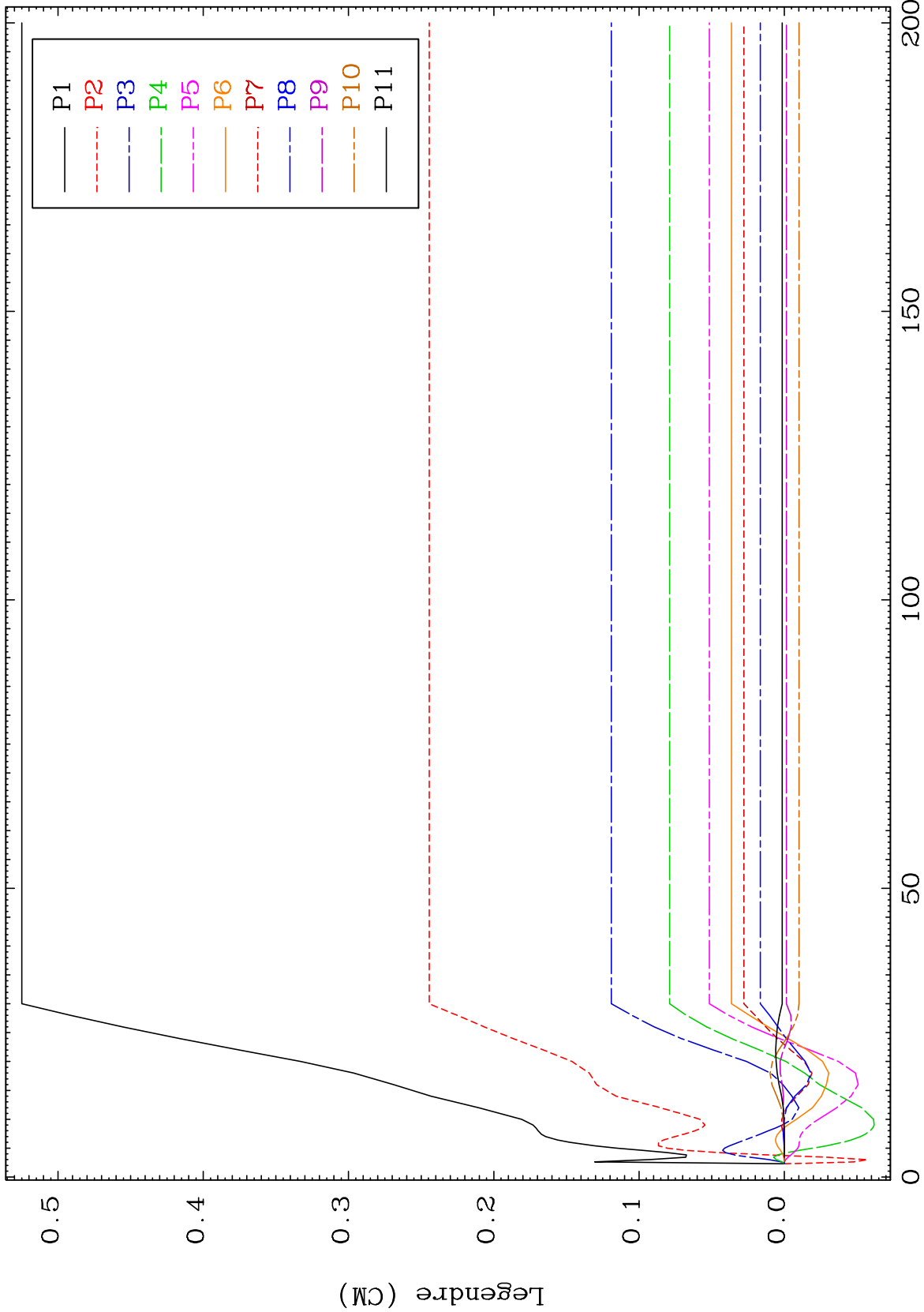
64

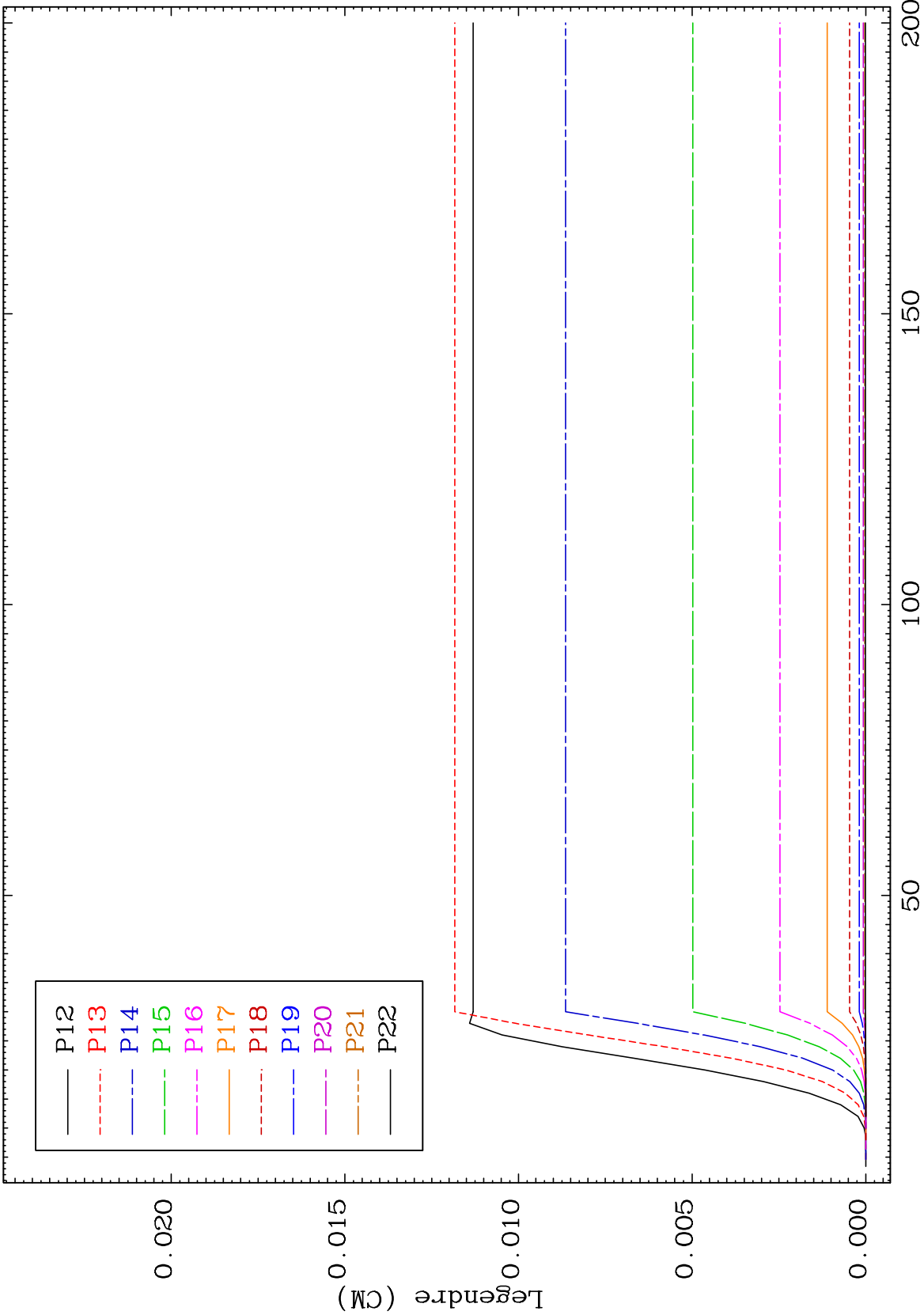
Incident Energy (MeV)

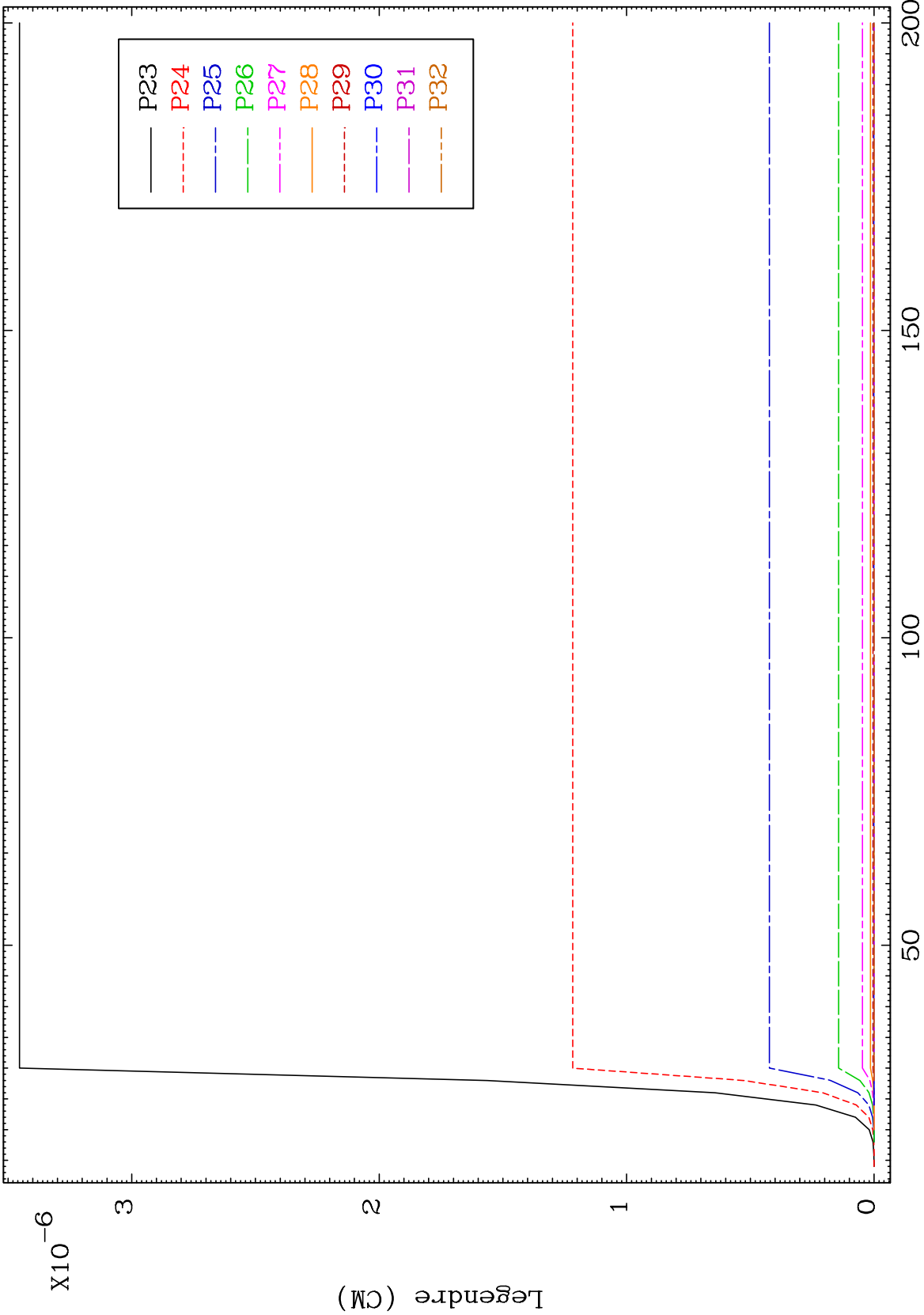
19-K -43







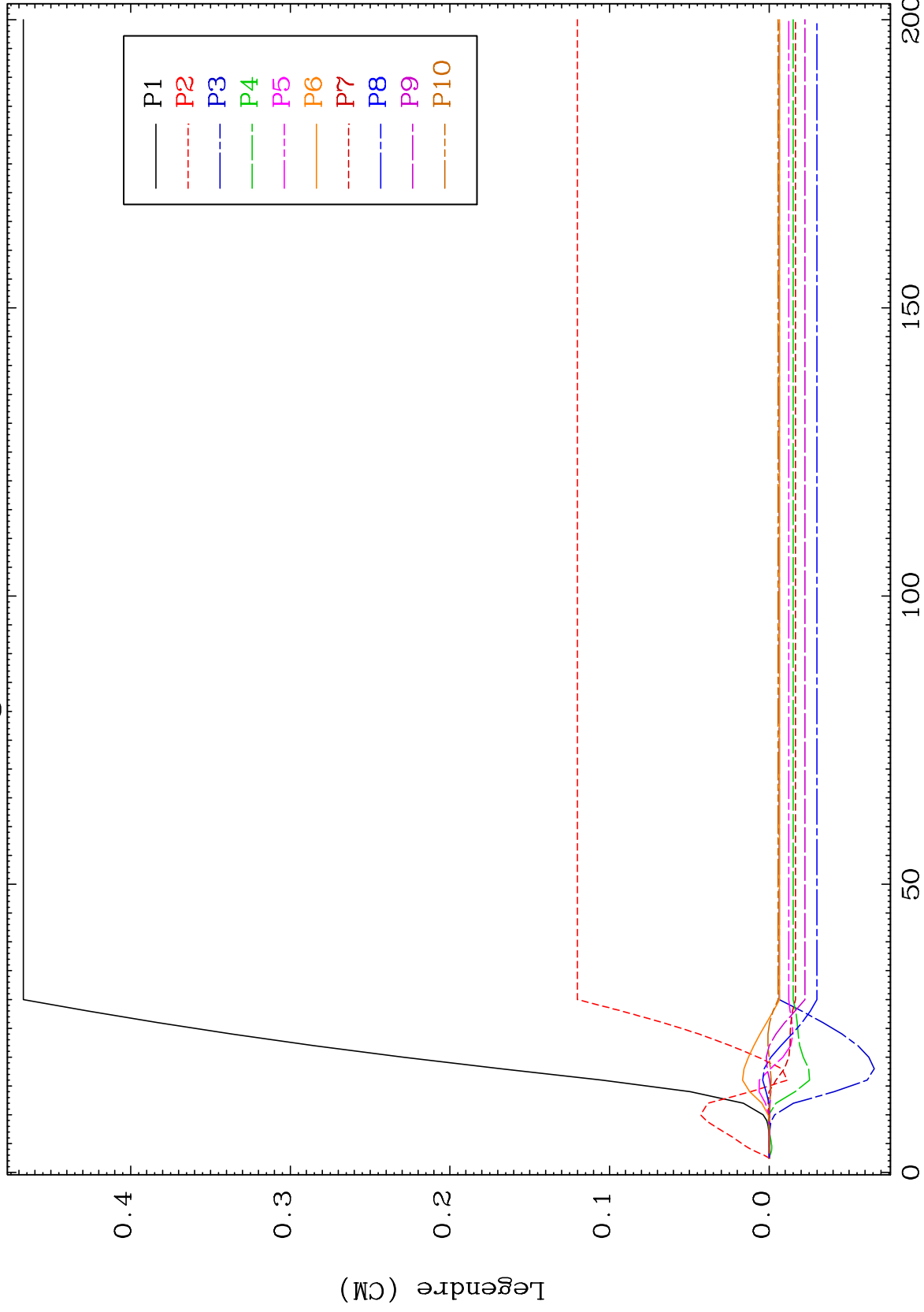




MAT 1937

2.345 MeV (n,n') Level
Legendre Coefficients

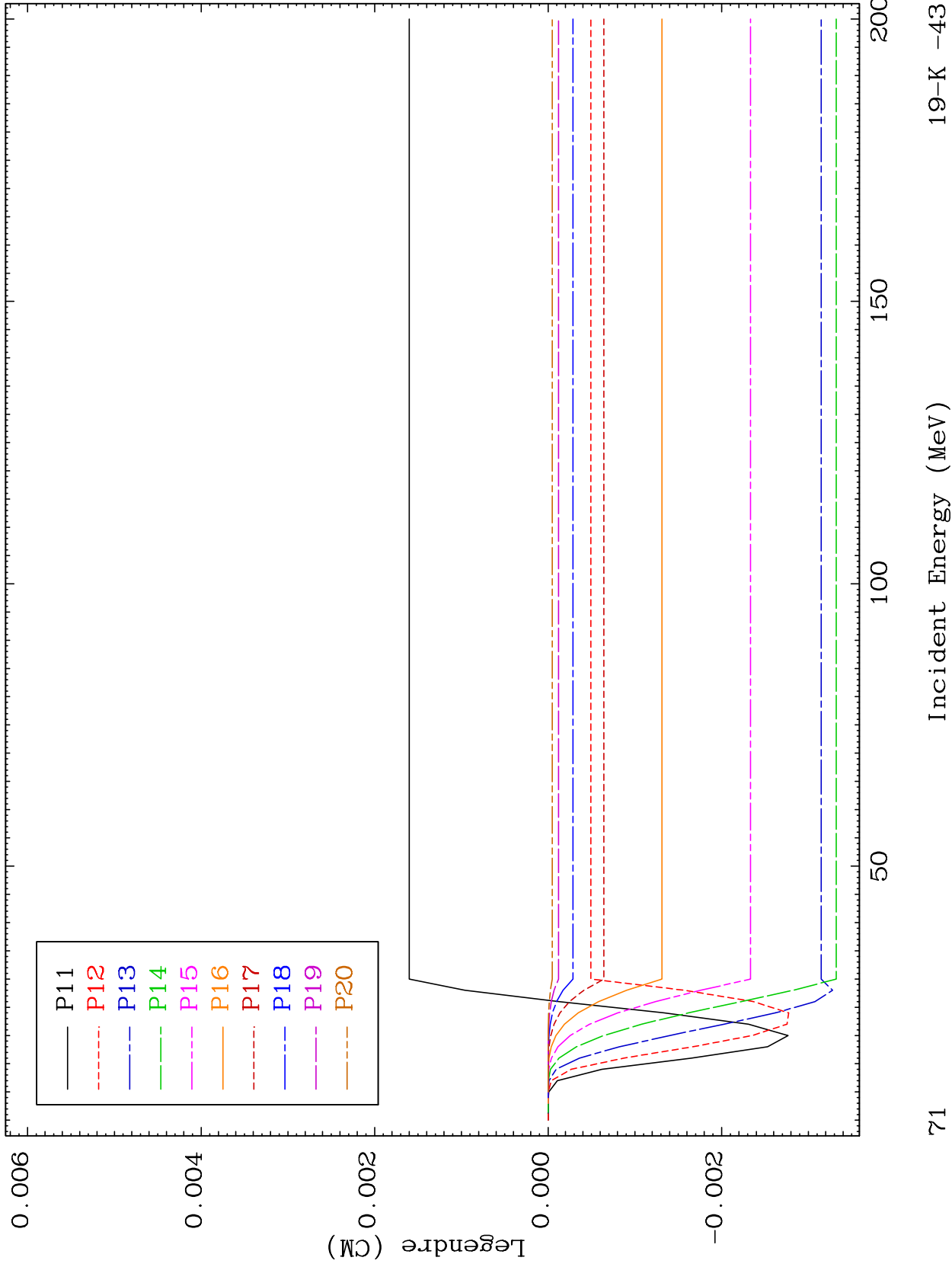
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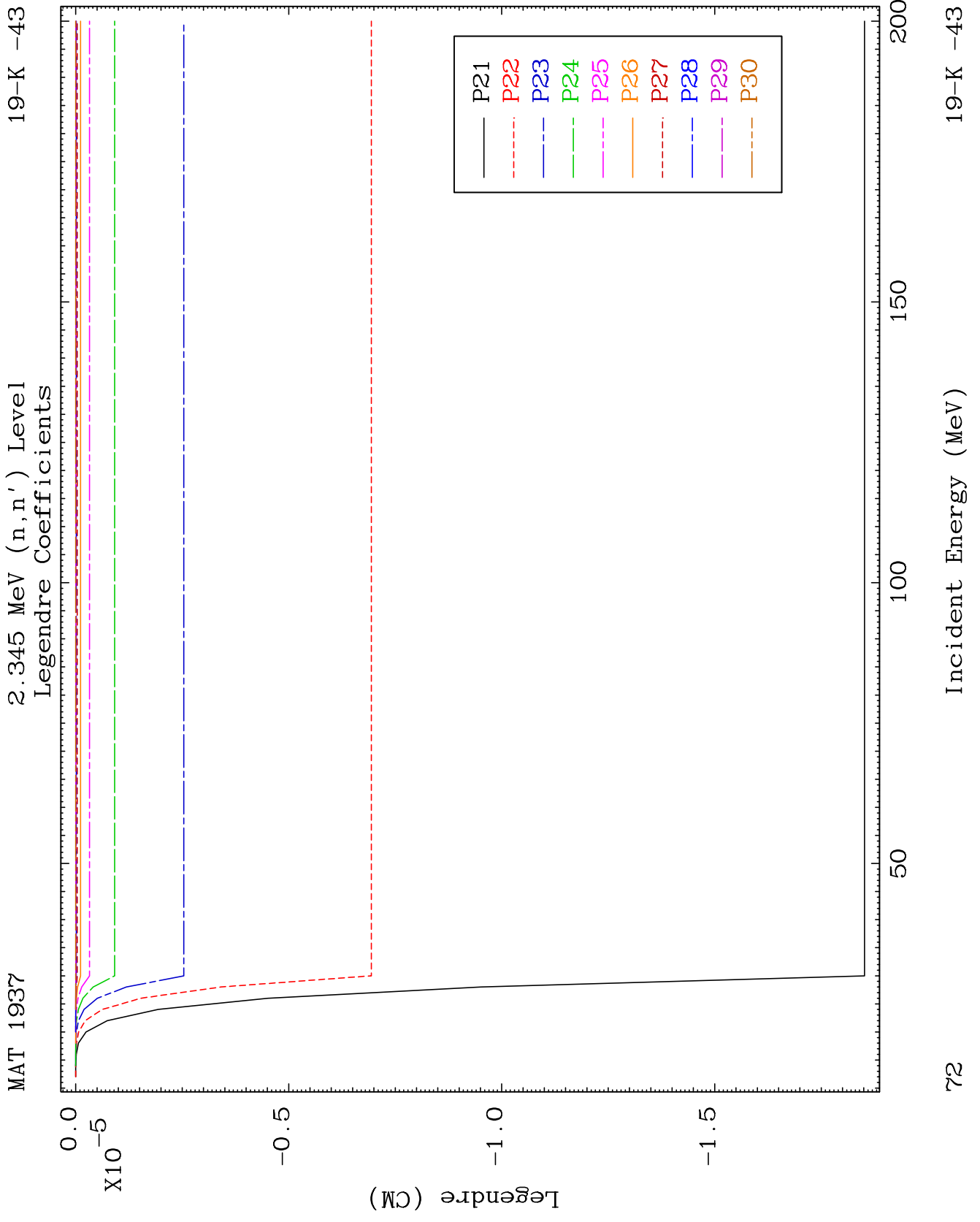


70

Incident Energy (MeV)

19-K -43

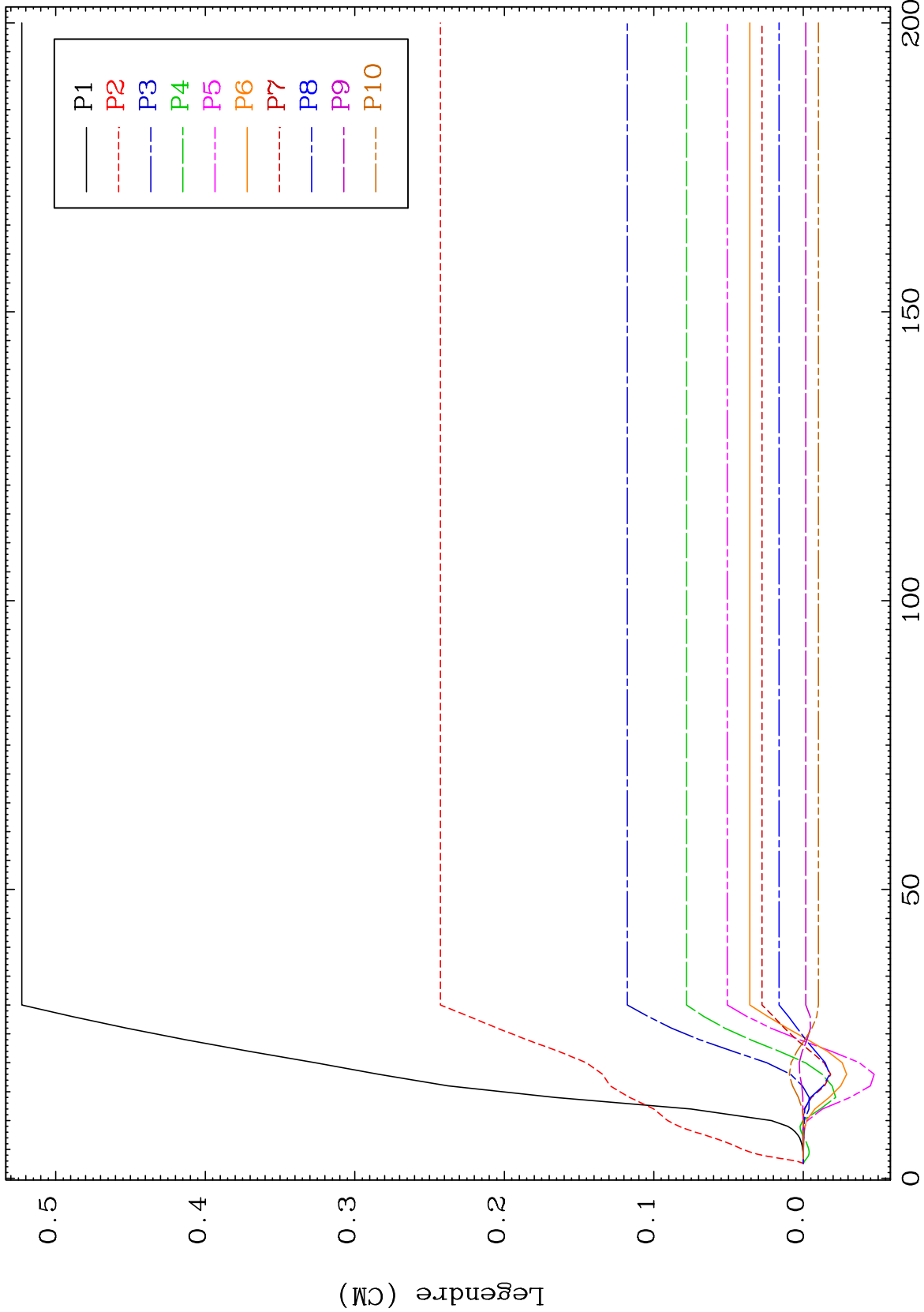




MAT 1937

2.451 MeV (n,n') Level
Legendre Coefficients

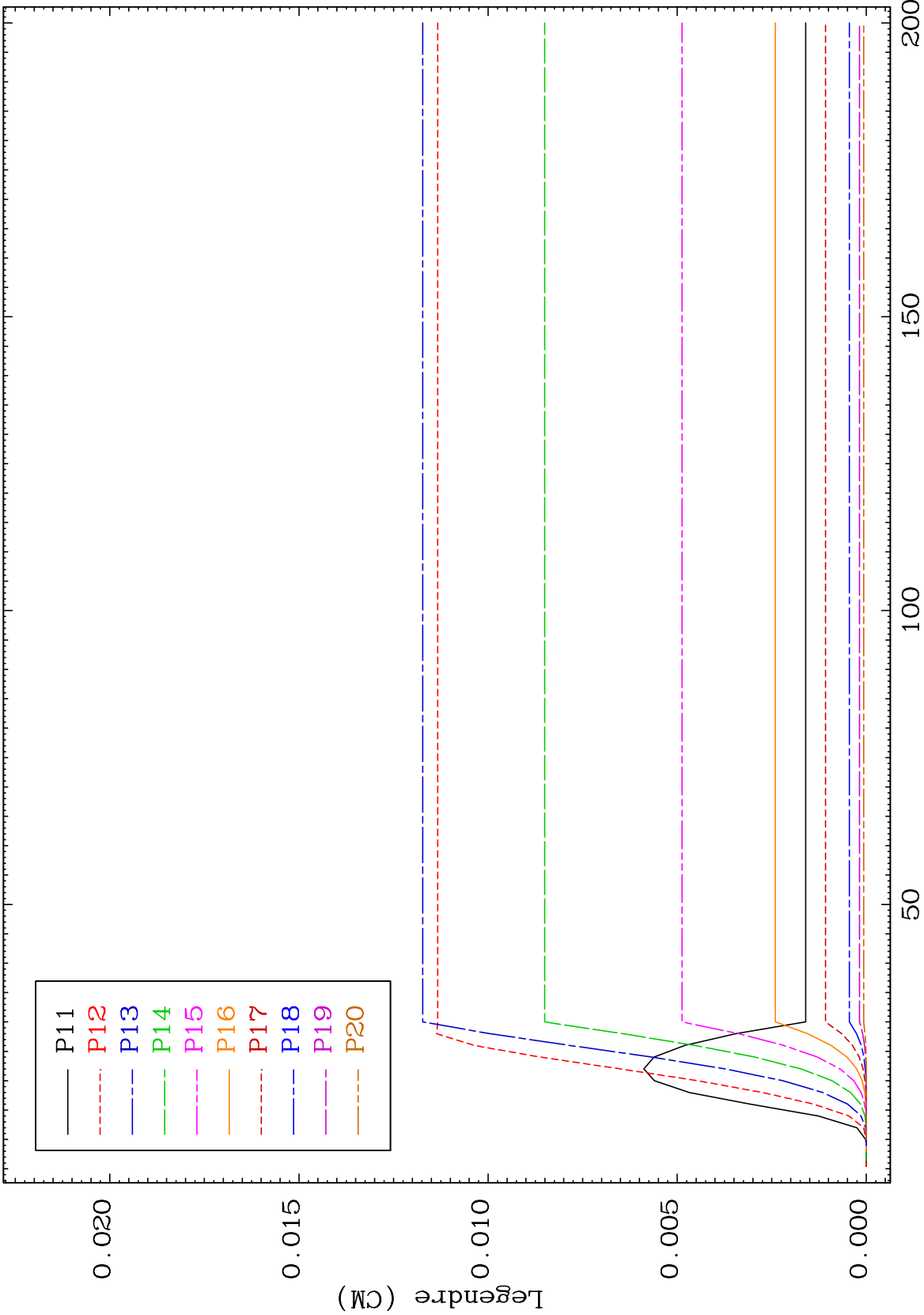
19-K -43



73

Incident Energy (MeV)

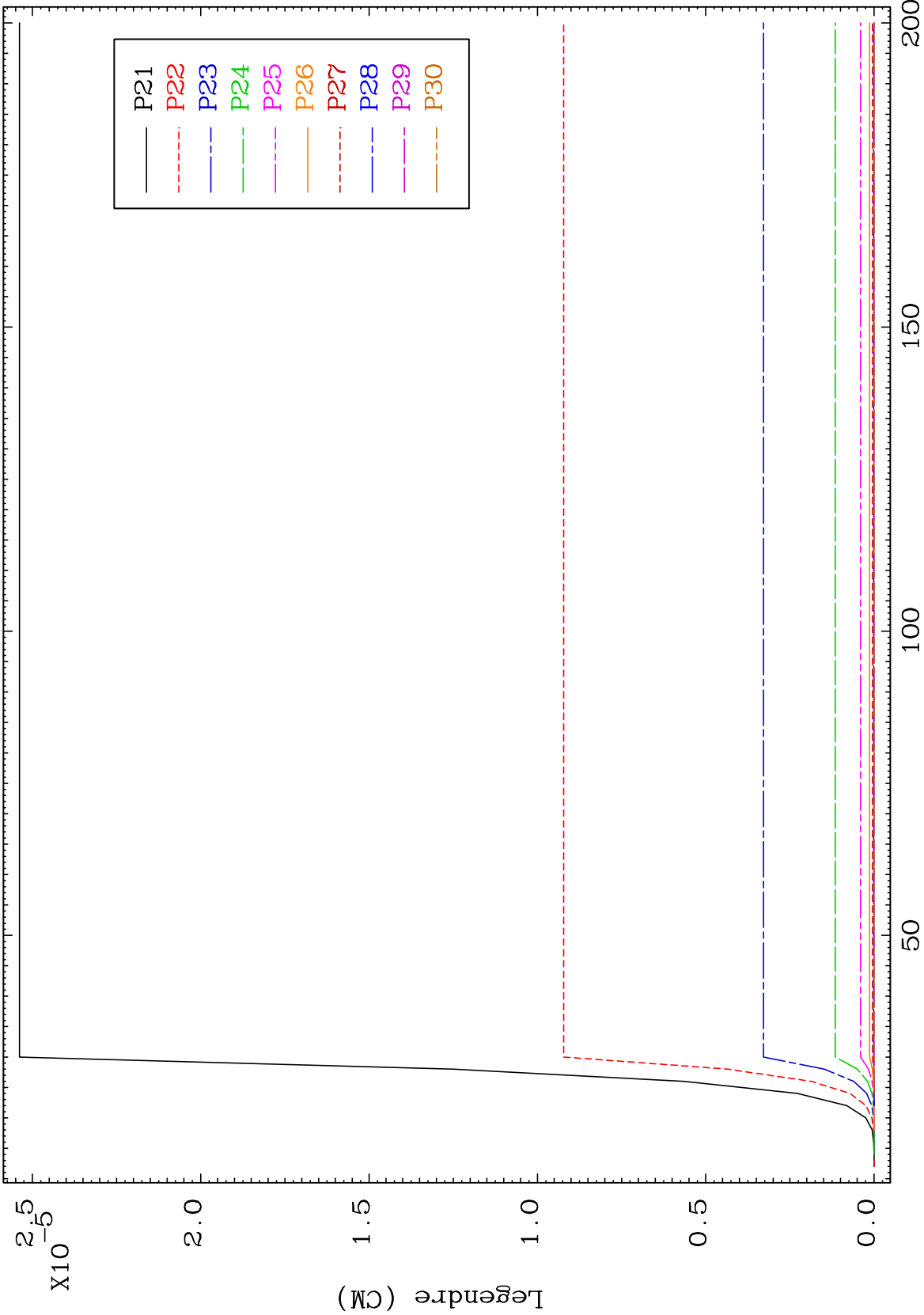
19-K -43



MAT 1937

2.451 MeV (n,n') Level
Legendre Coefficients

19-K -43



75

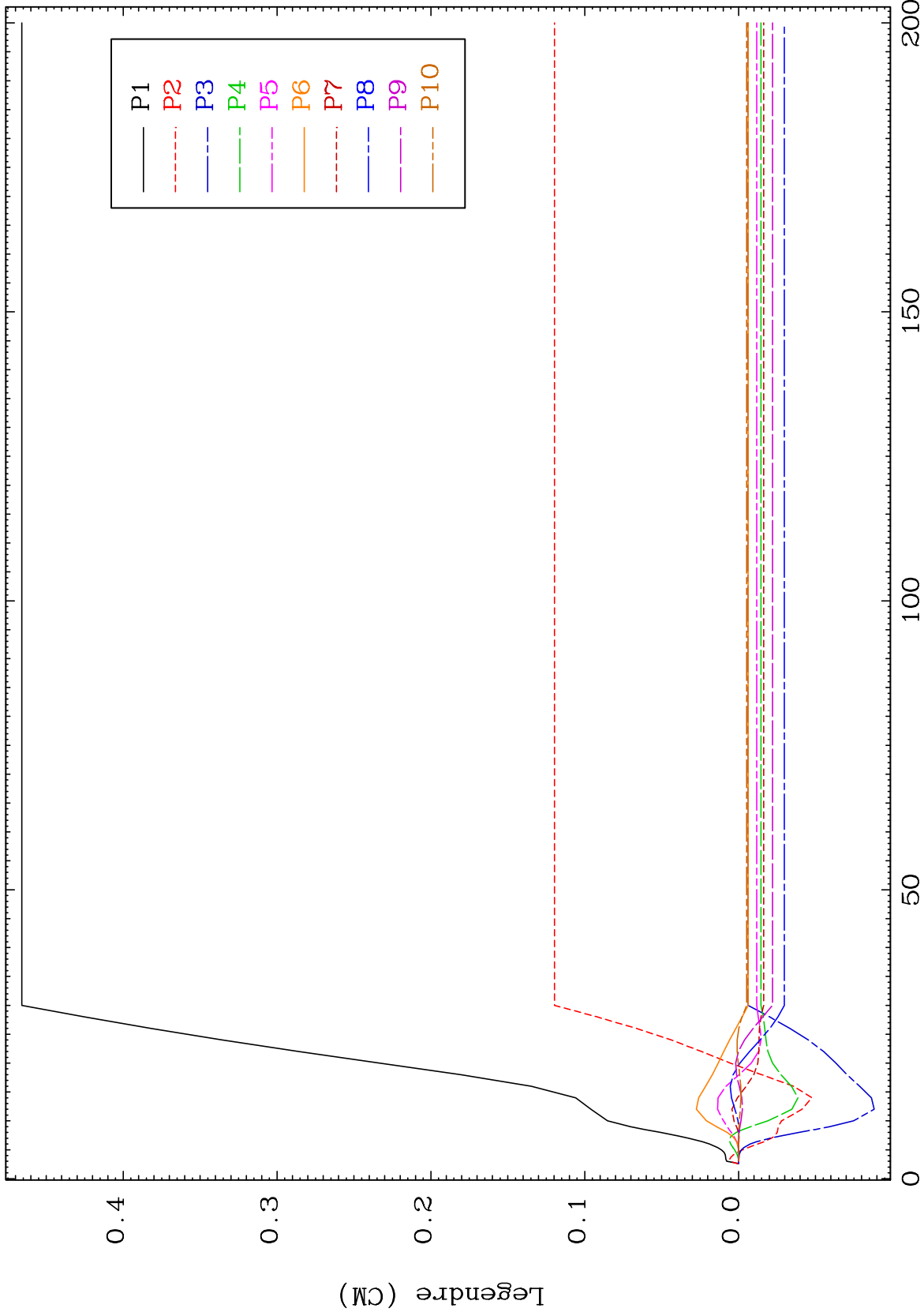
Incident Energy (MeV)

19-K -43

MAT 1937

2.509 MeV (n,n') Level
Legendre Coefficients

19-K -43



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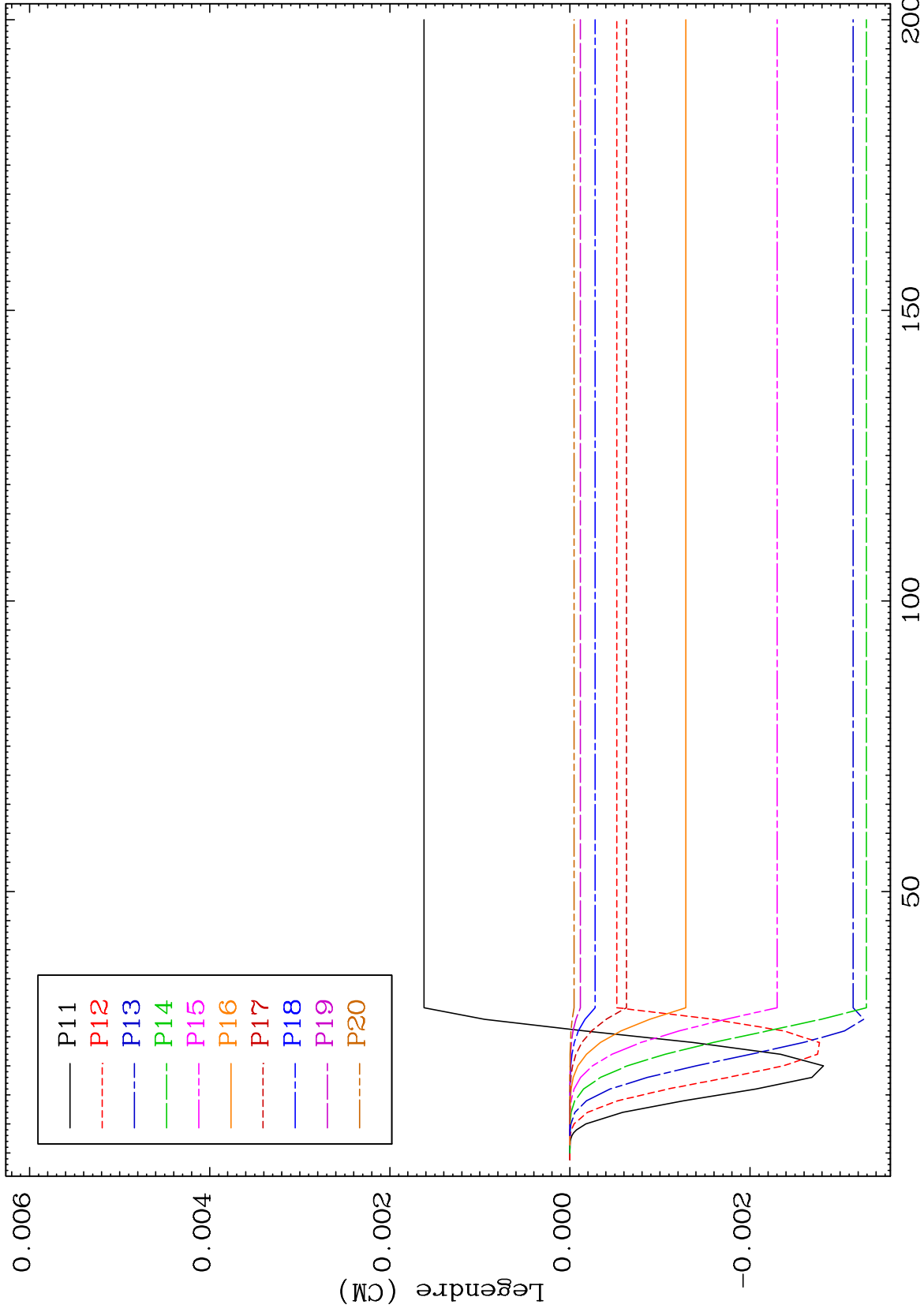
Incident Energy (MeV)

19-K -43

MAT 1937

2.509 MeV (n,n') Level
Legendre Coefficients

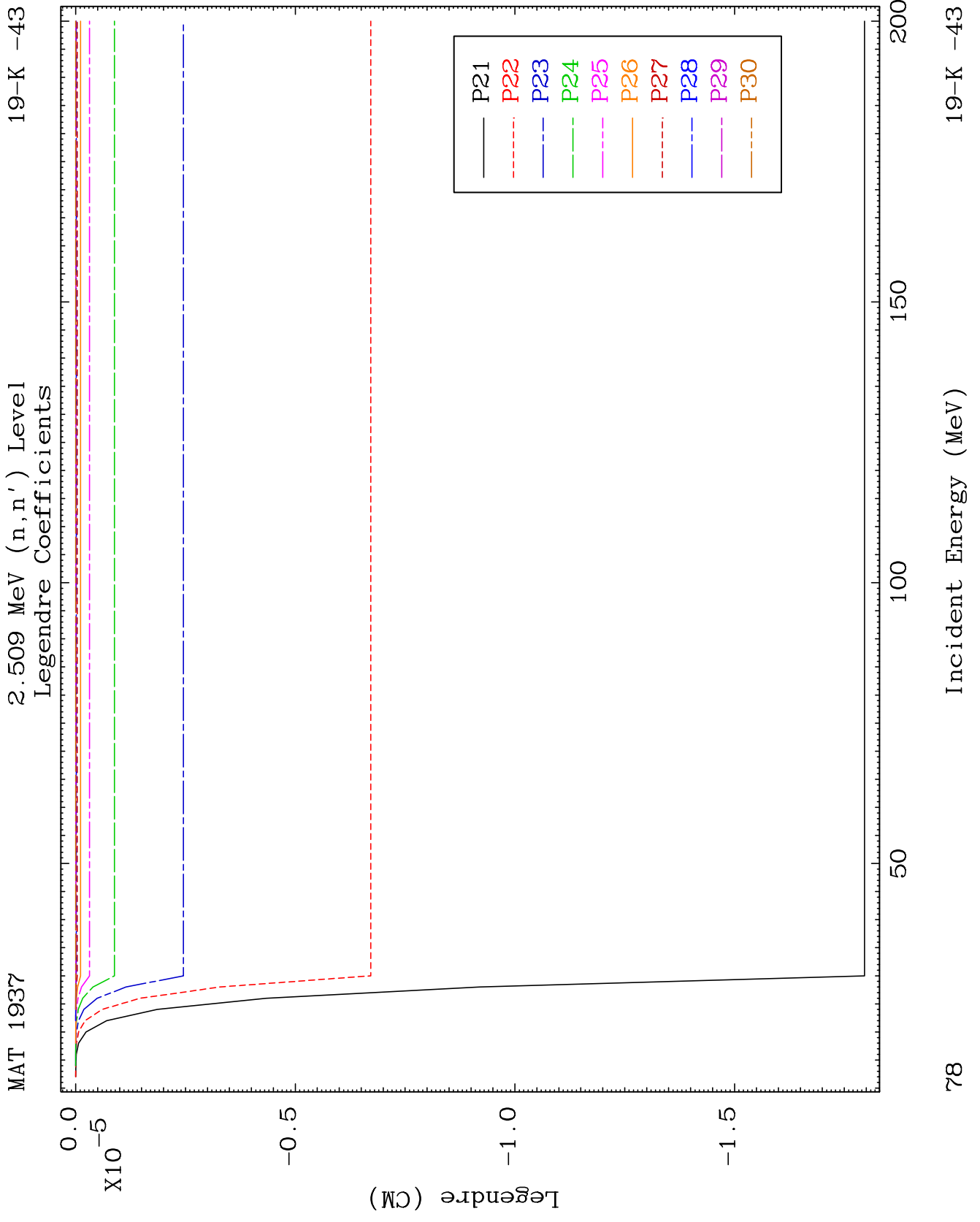
19-K -43



77

Incident Energy (MeV)

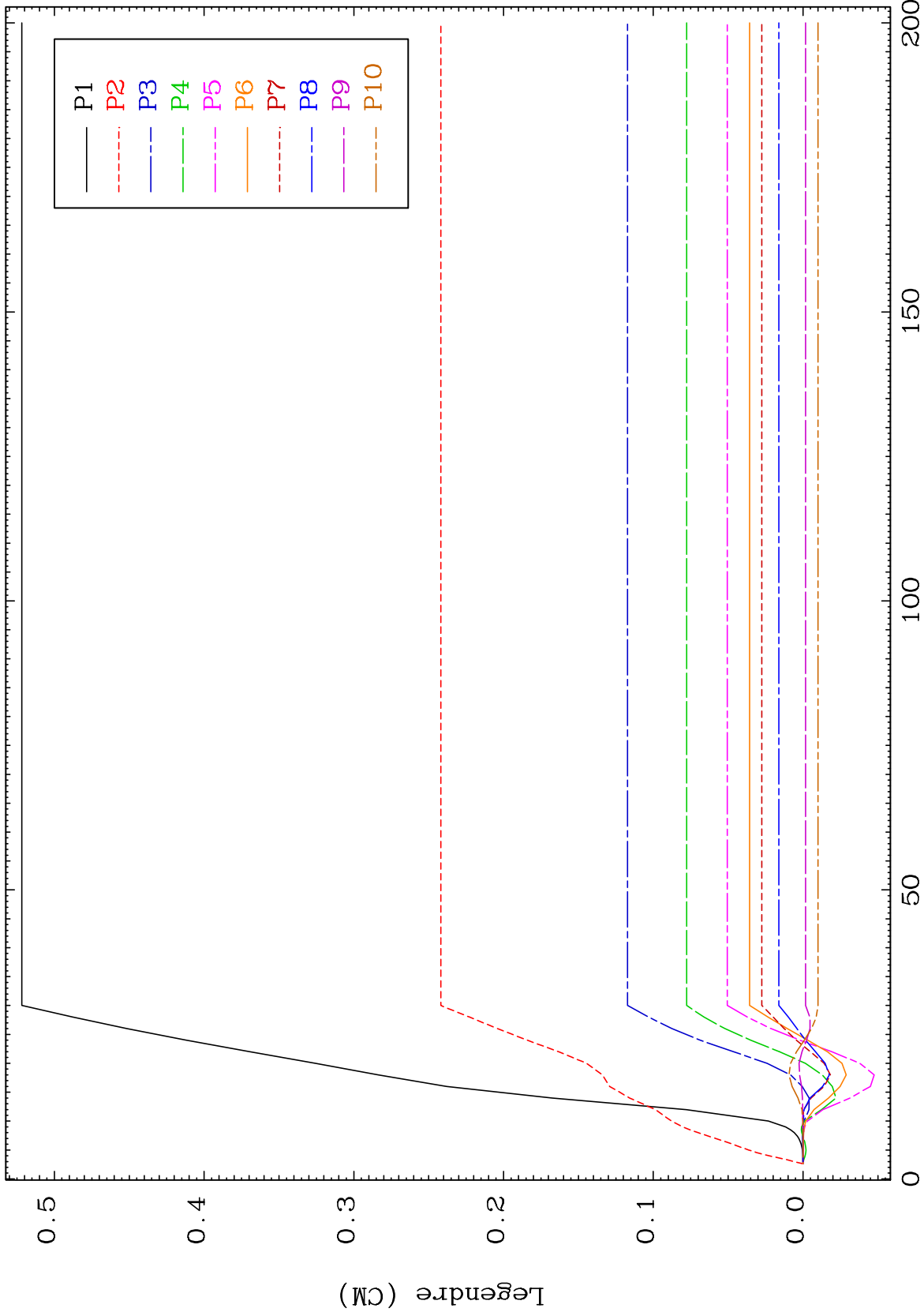
19-K -43



MAT 1937

2.548 MeV (n,n') Level
Legendre Coefficients

19-K -43



79

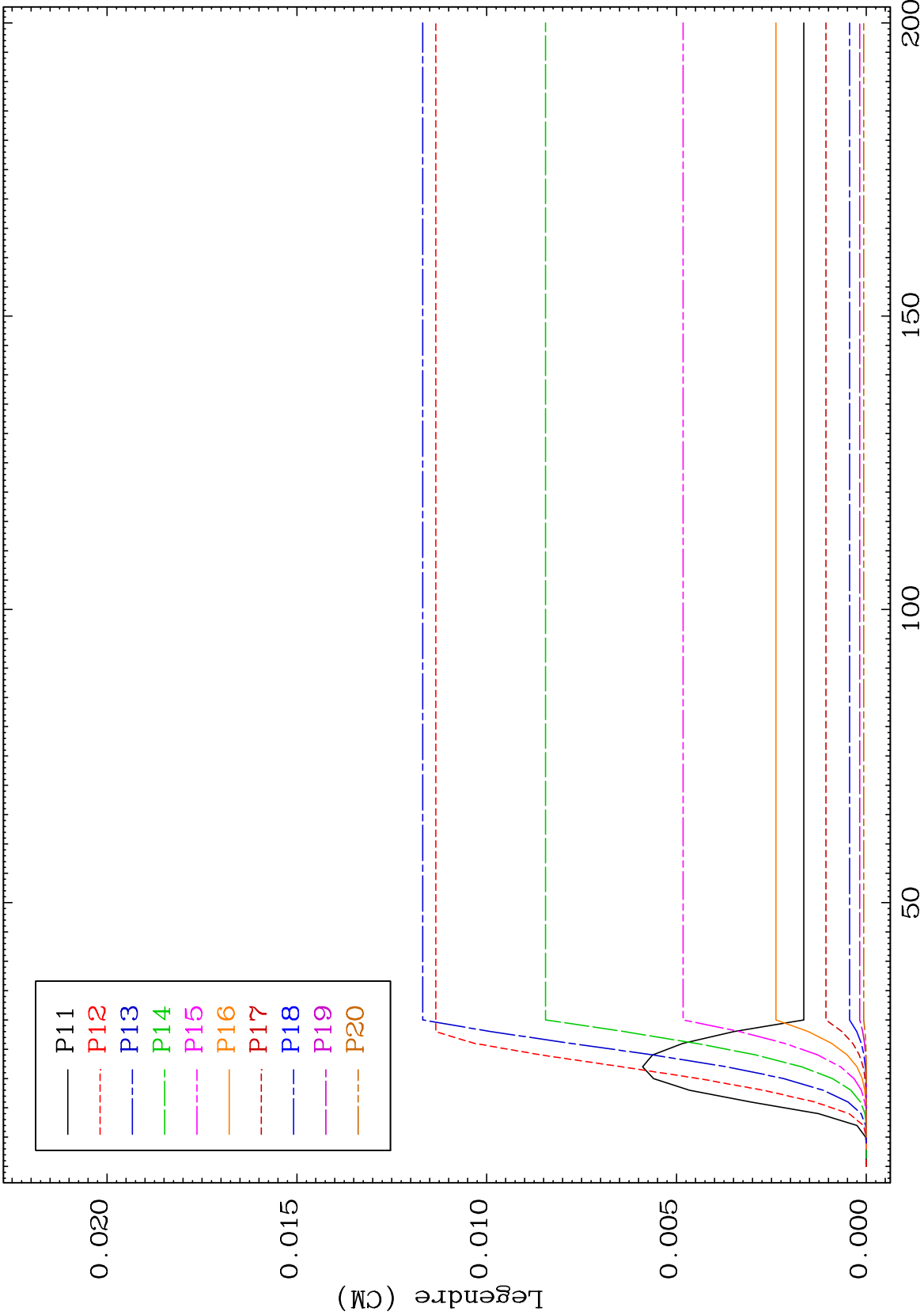
Incident Energy (MeV)

19-K -43

MAT 1937

2.548 MeV (n,n') Level
Legendre Coefficients

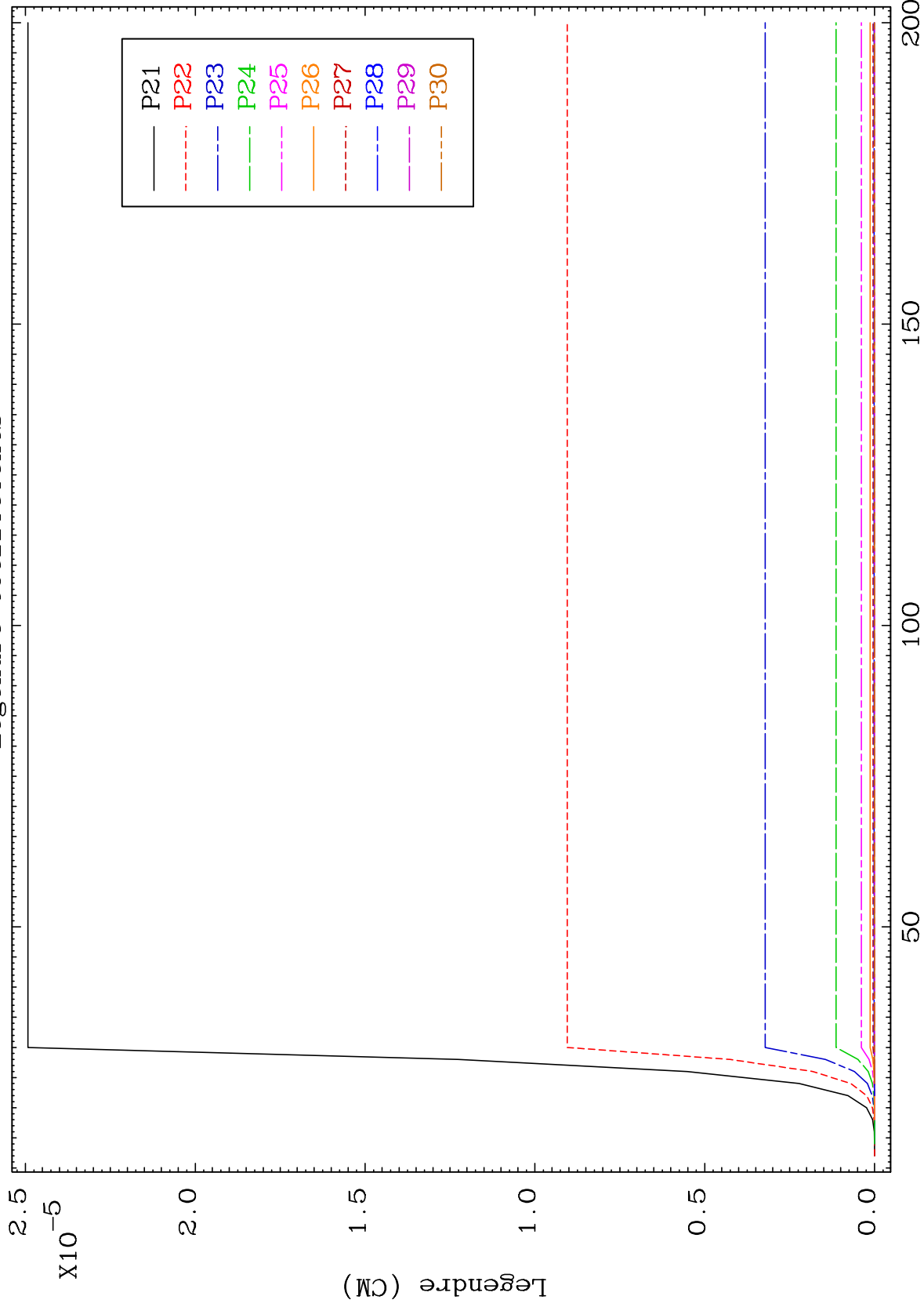
19-K -43



80

Incident Energy (MeV)

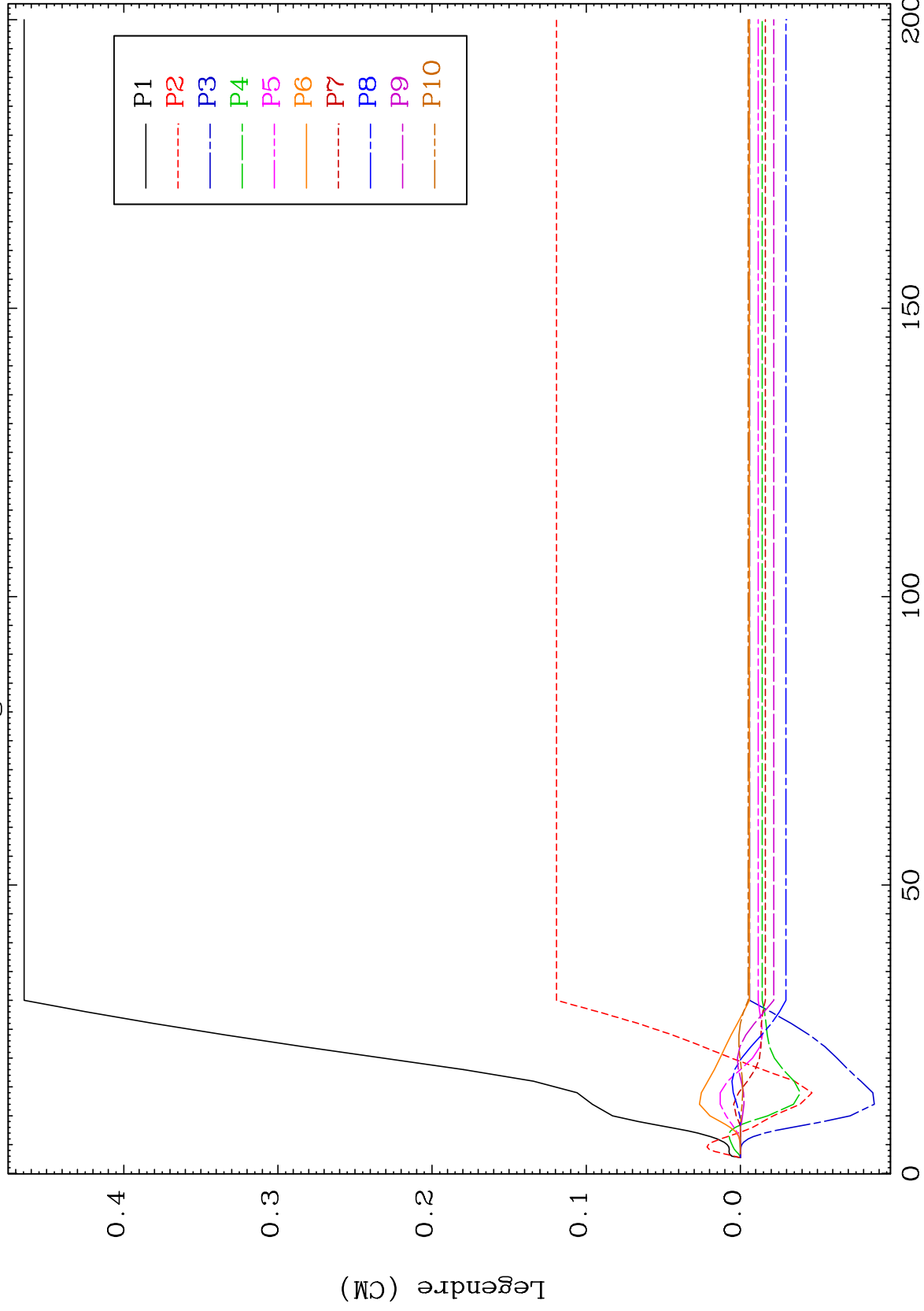
19-K -43



MAT 1937

2.670 MeV (n,n') Level
Legendre Coefficients

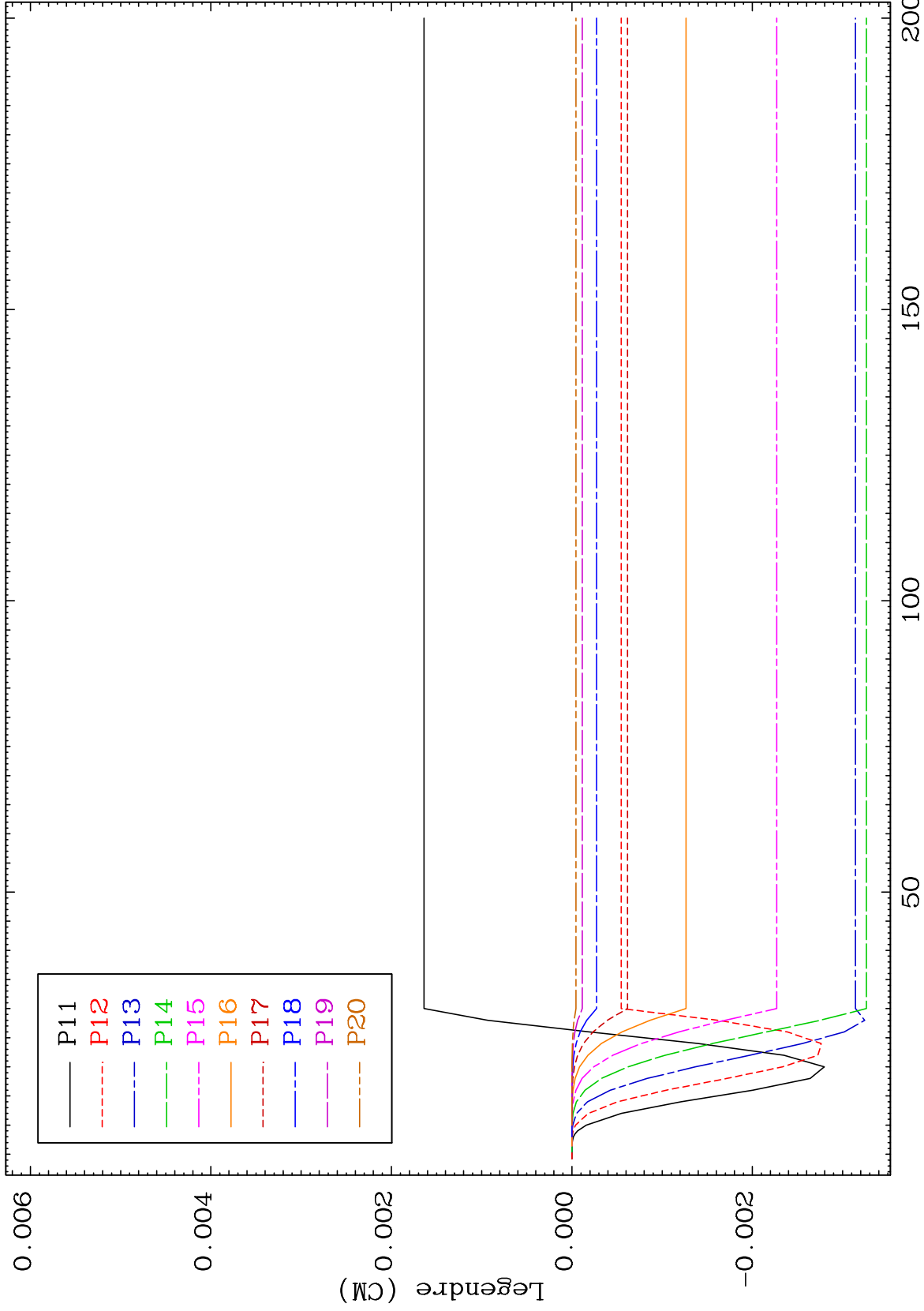
19-K -43

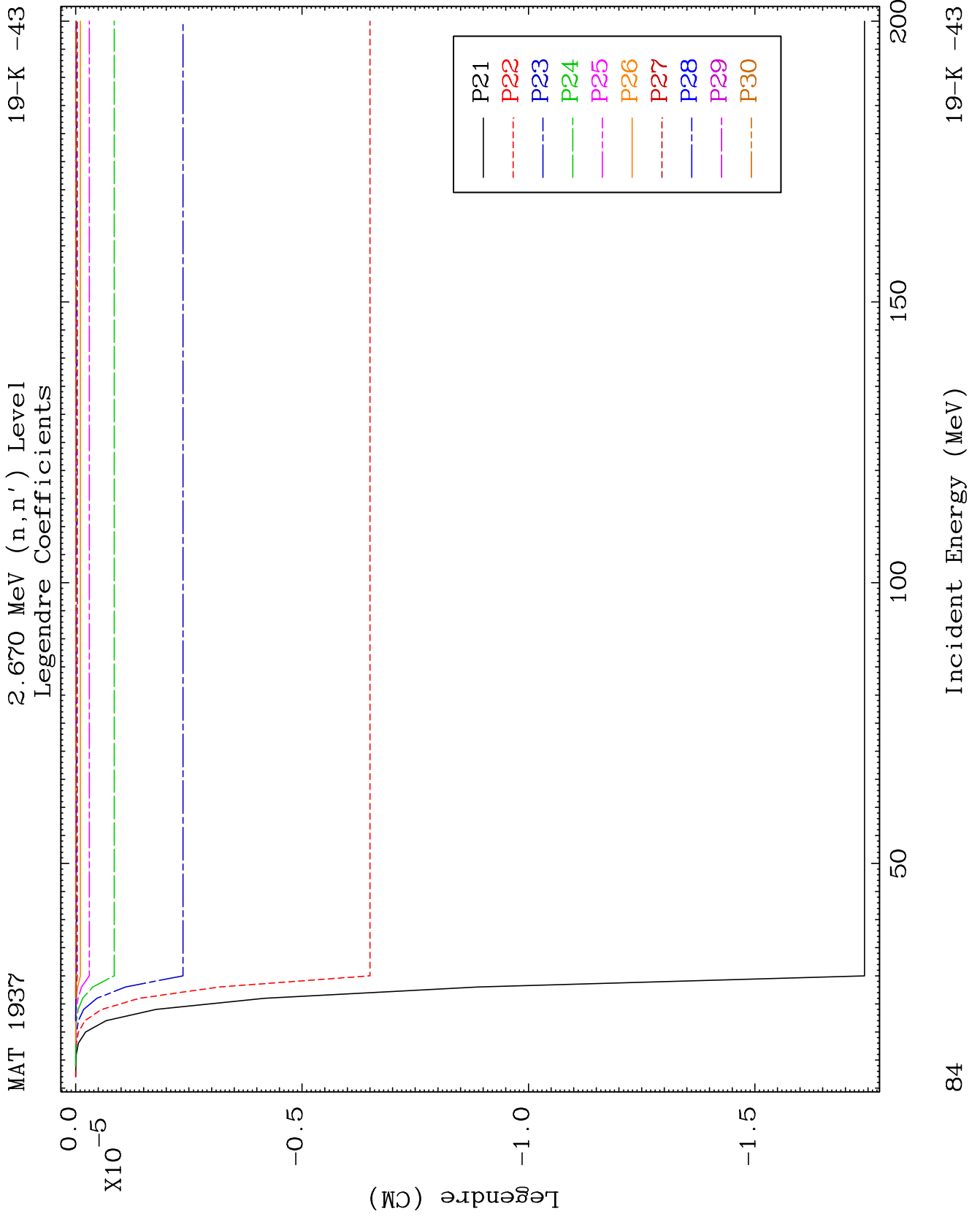


Incident Energy (MeV)

19-K -43

82

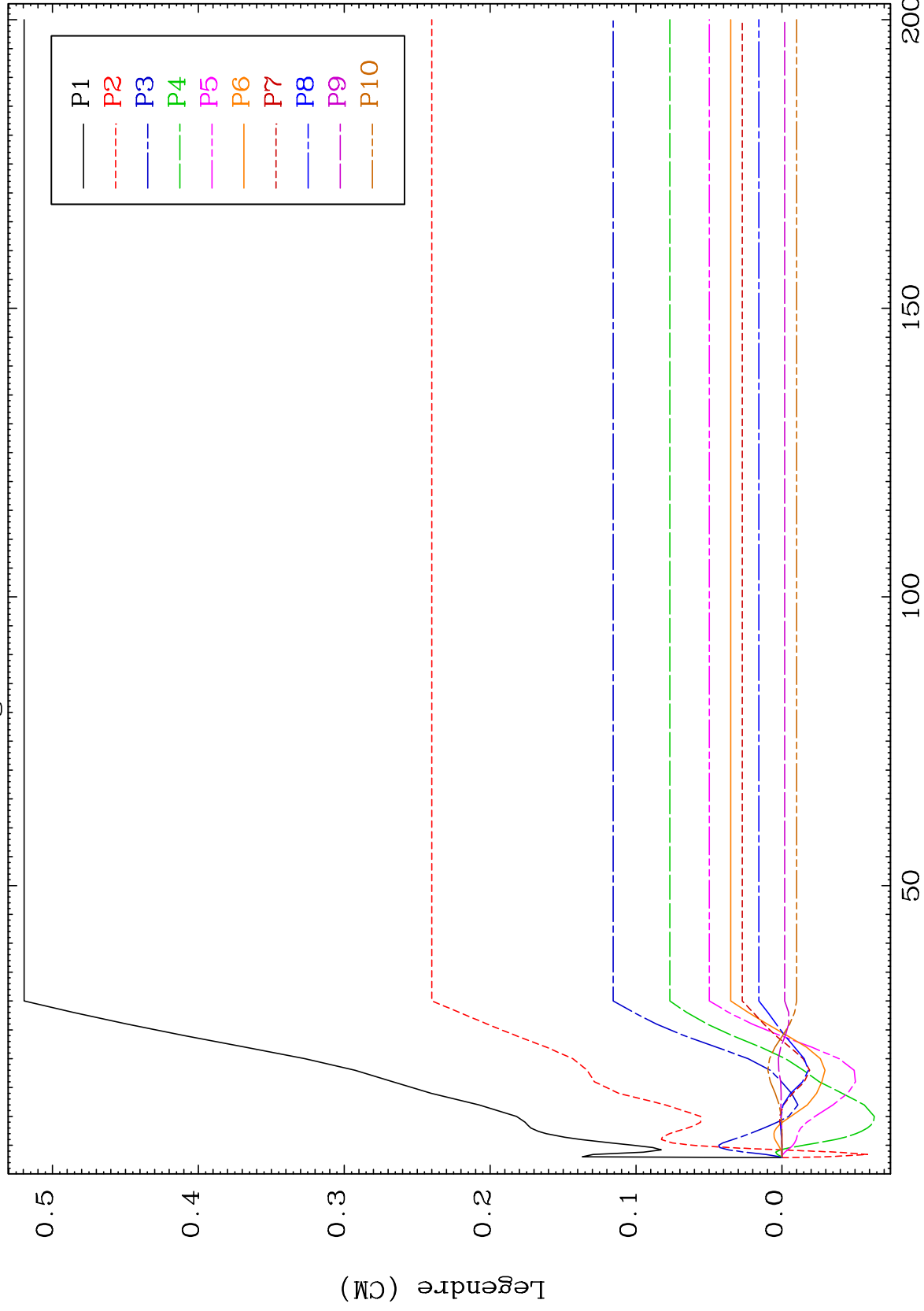




MAT 1937

2.784 MeV (n,n') Level
Legendre Coefficients

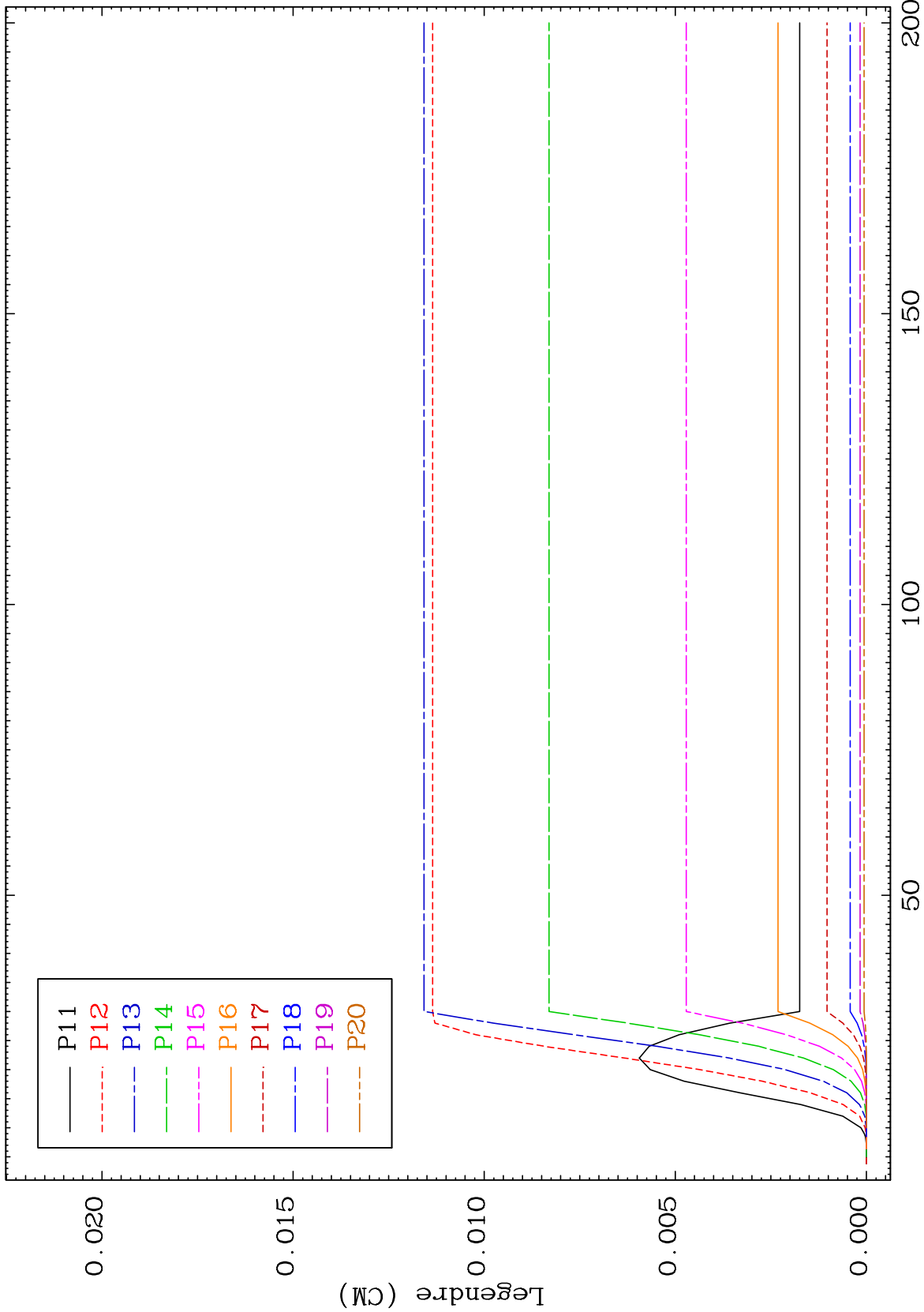
19-K -43

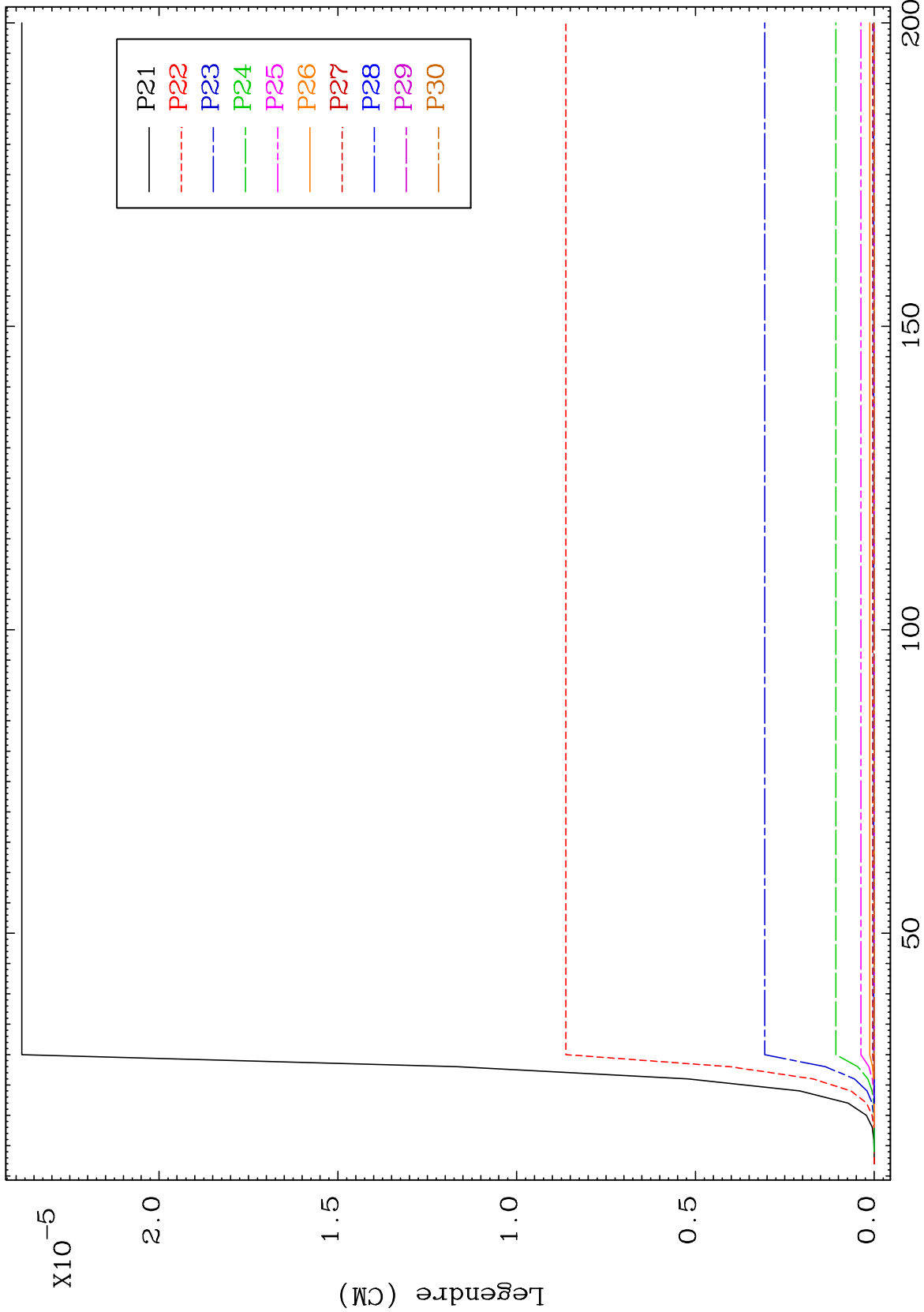


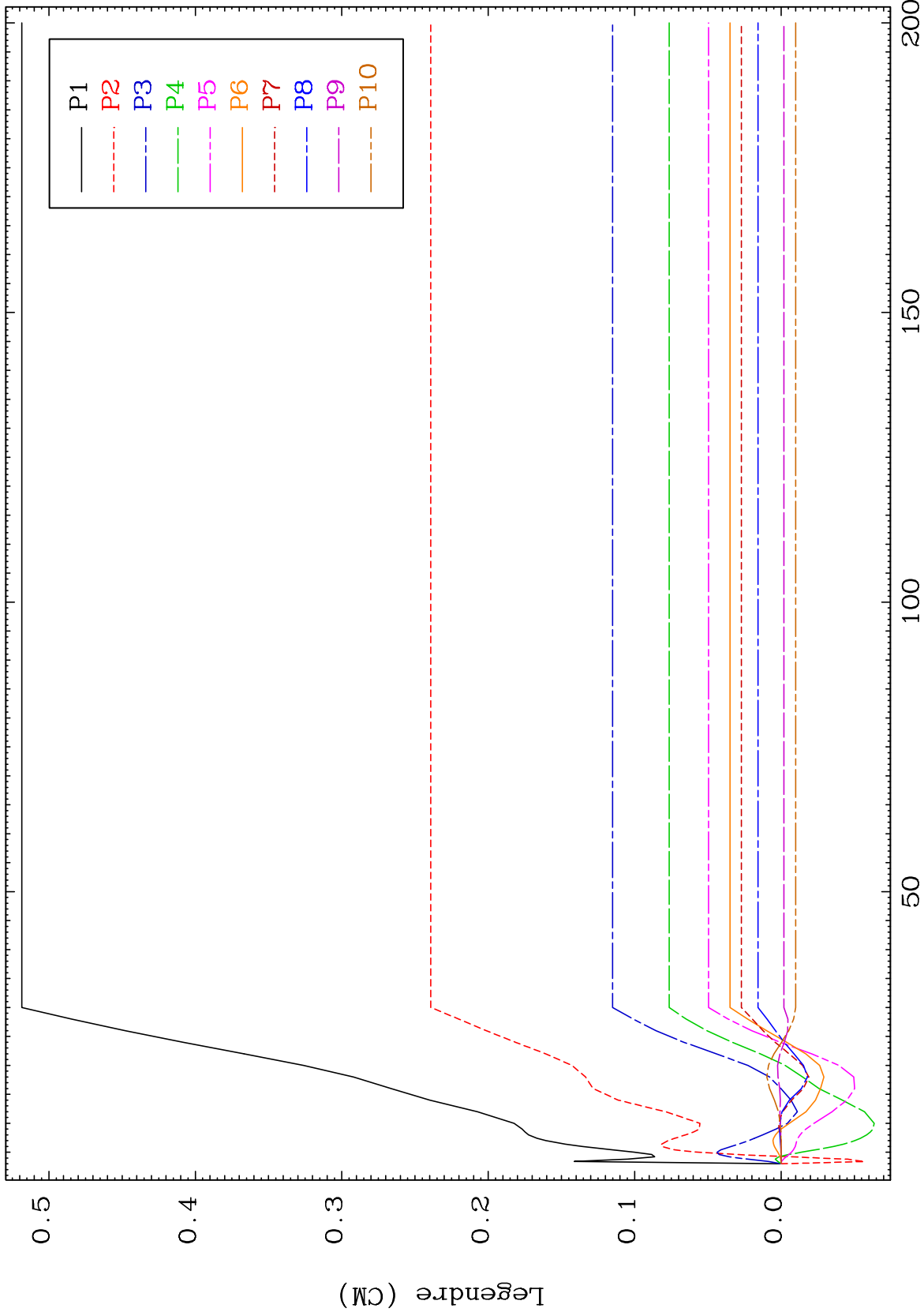
85

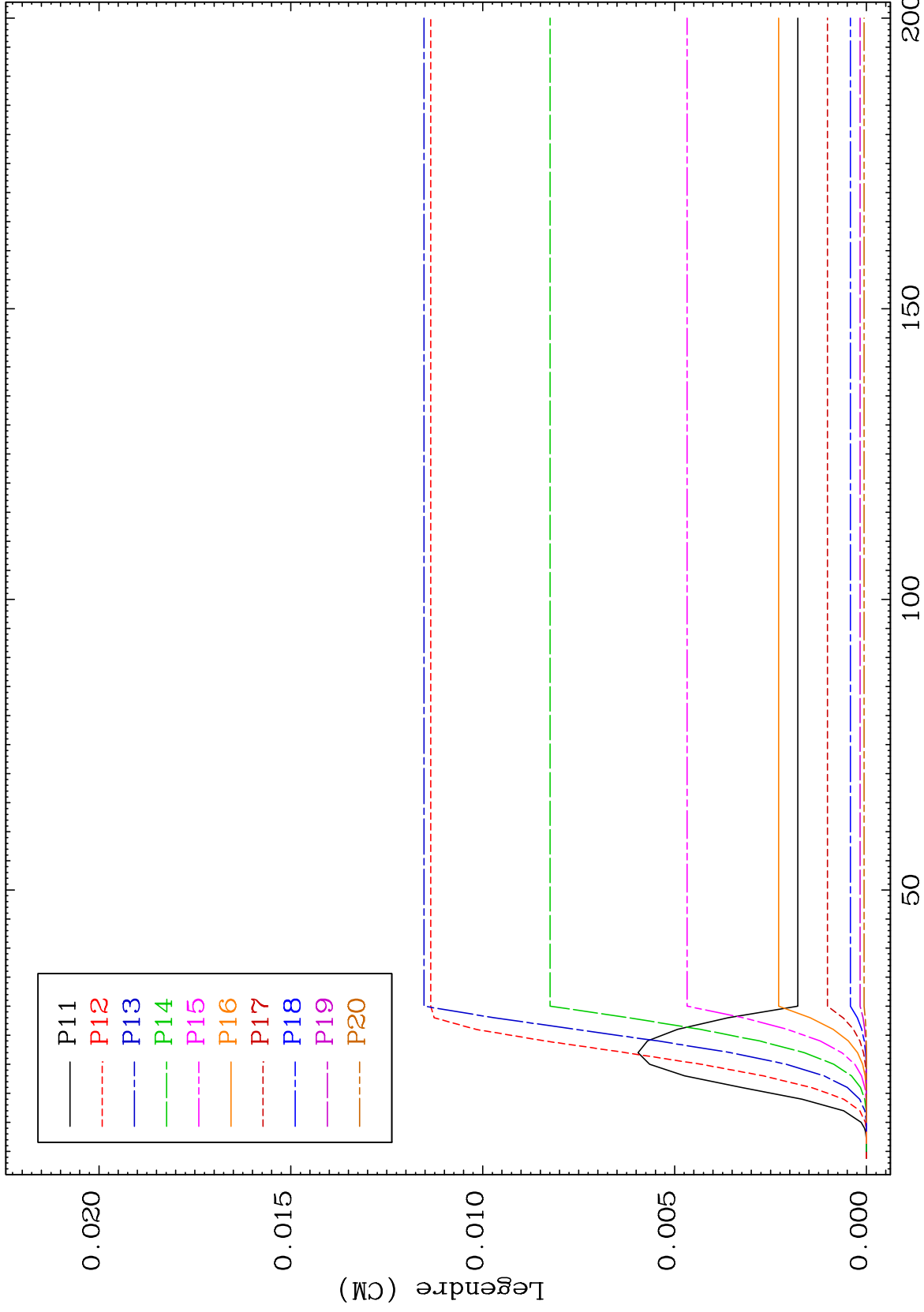
Incident Energy (MeV)

19-K -43





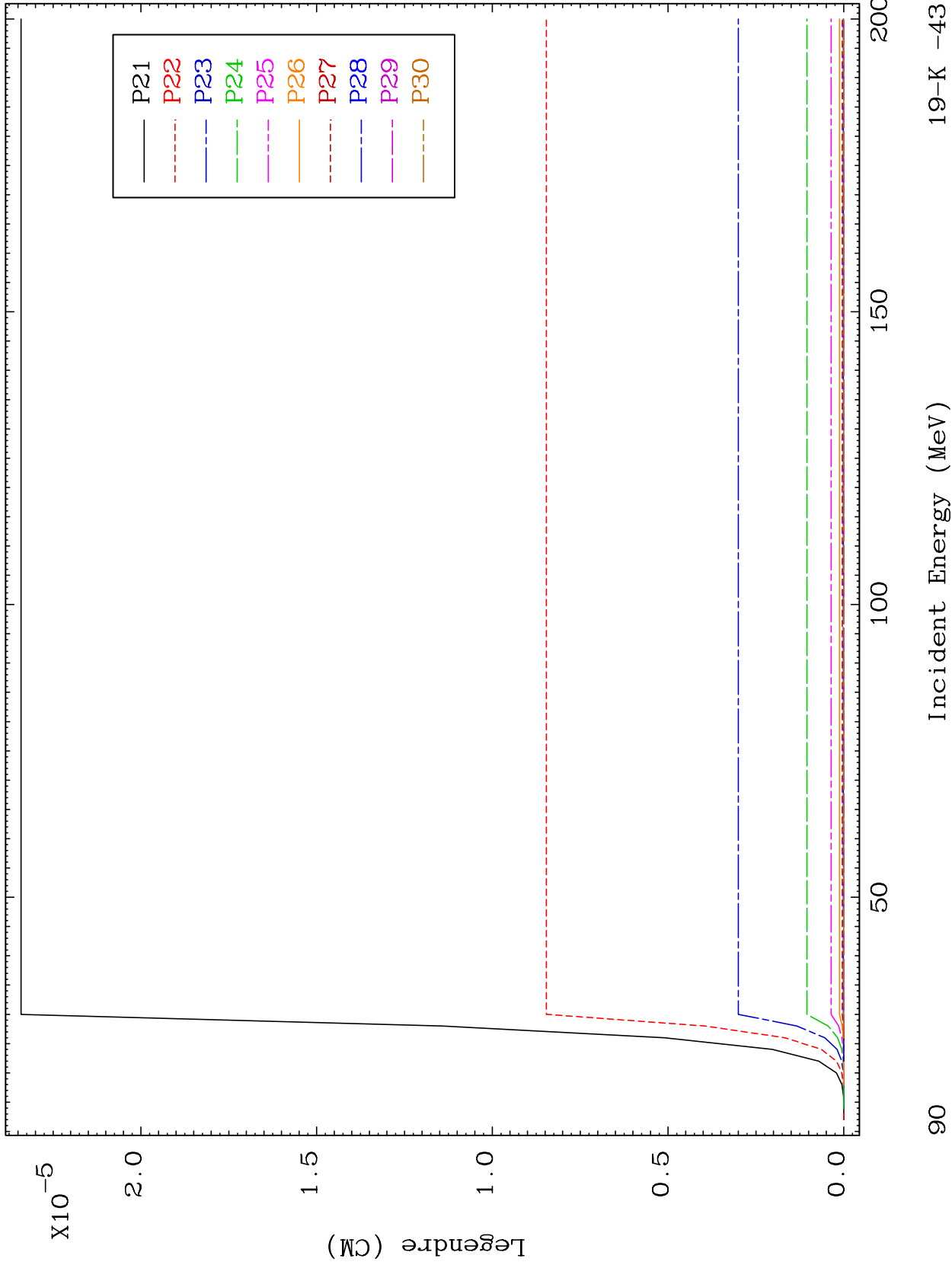


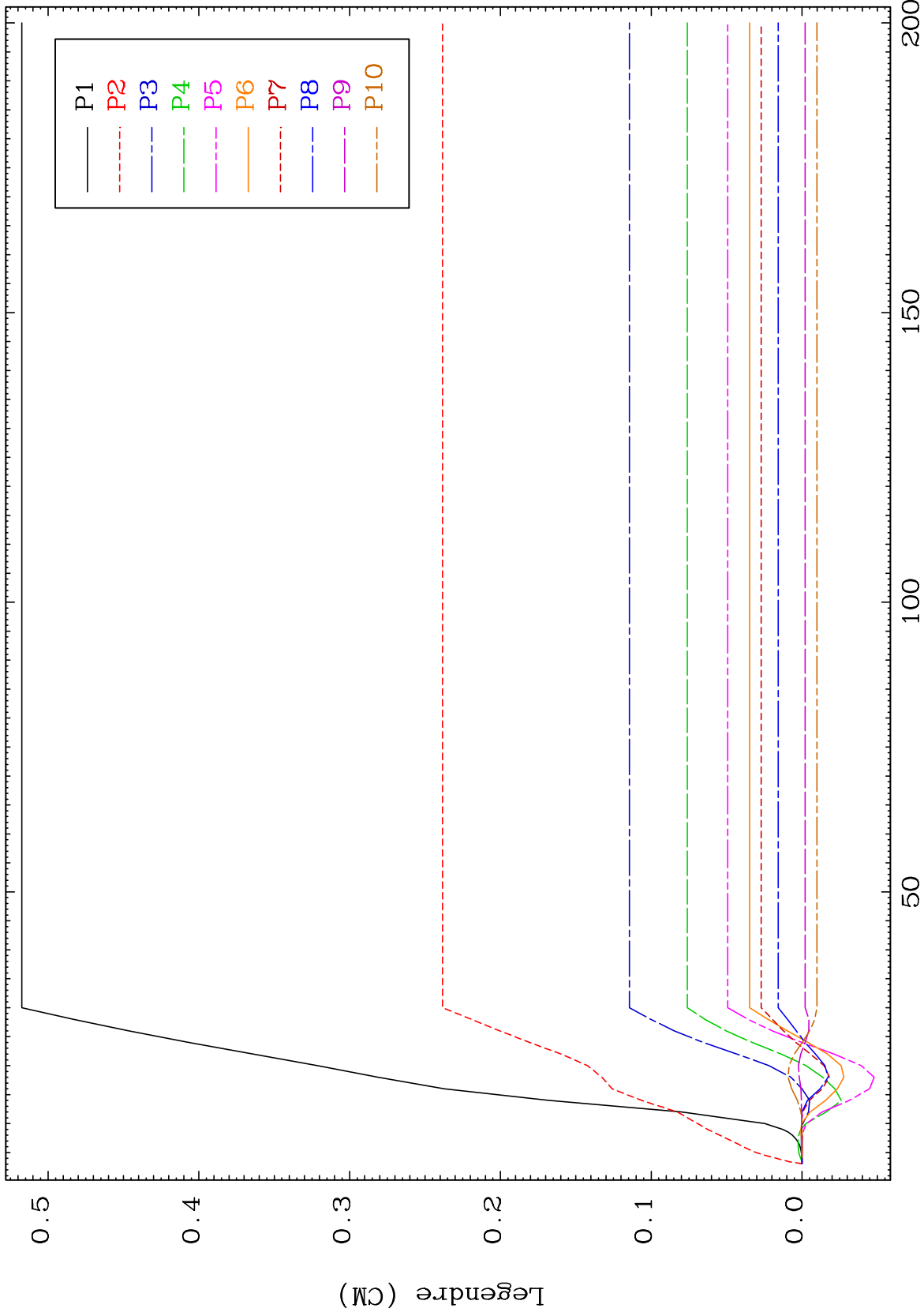


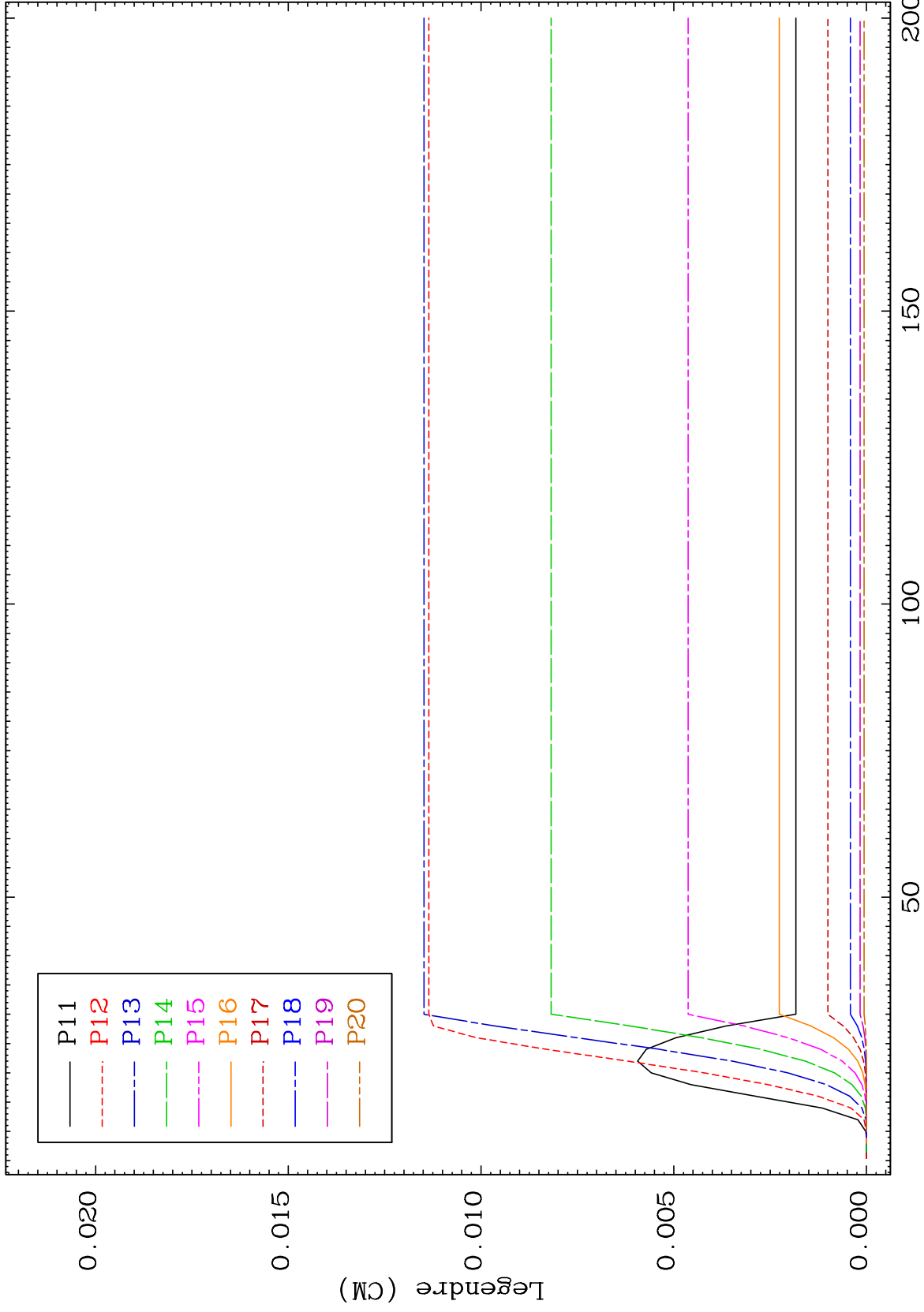
MAT 1937

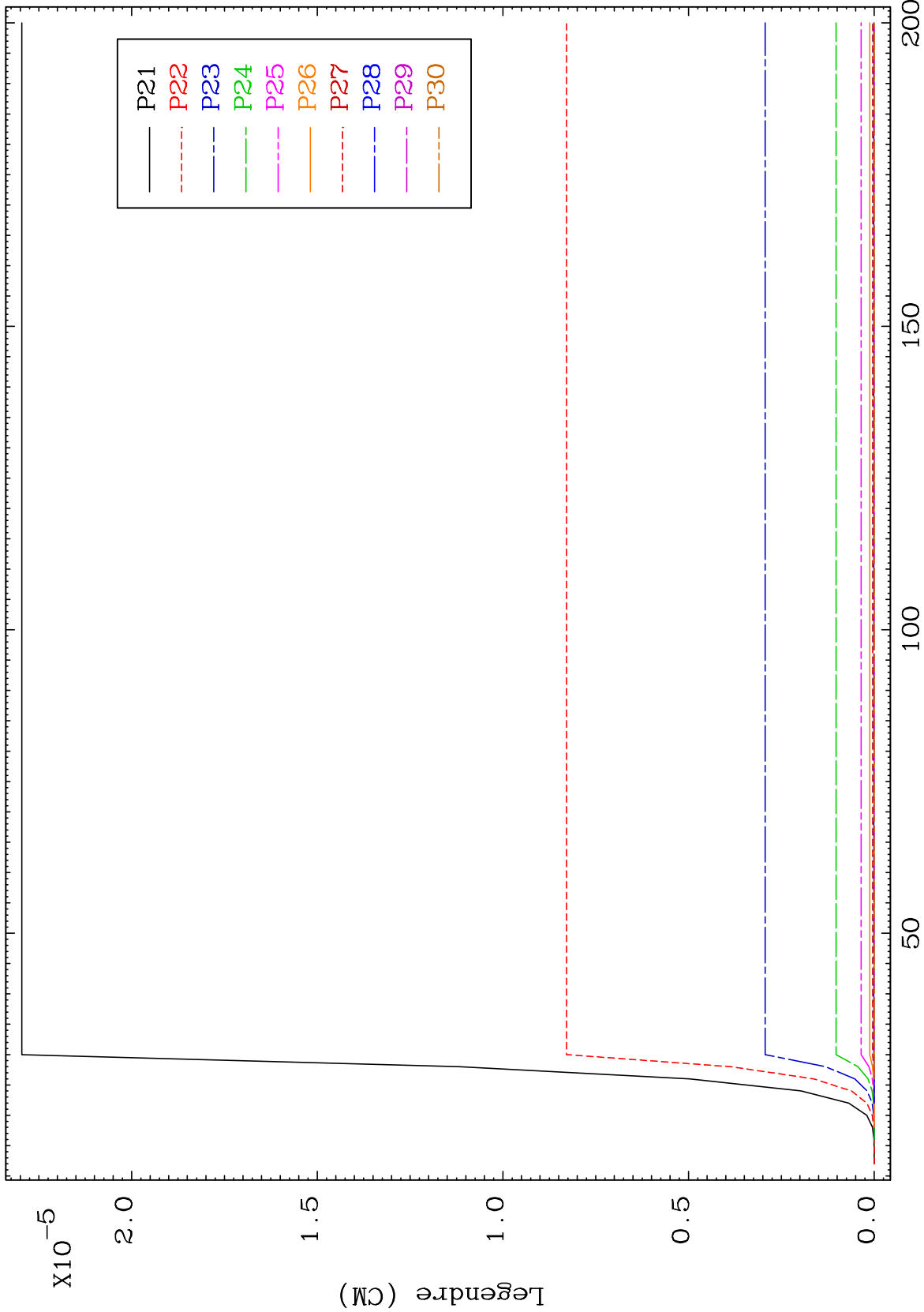
2.879 MeV (n,n') Level
Legendre Coefficients

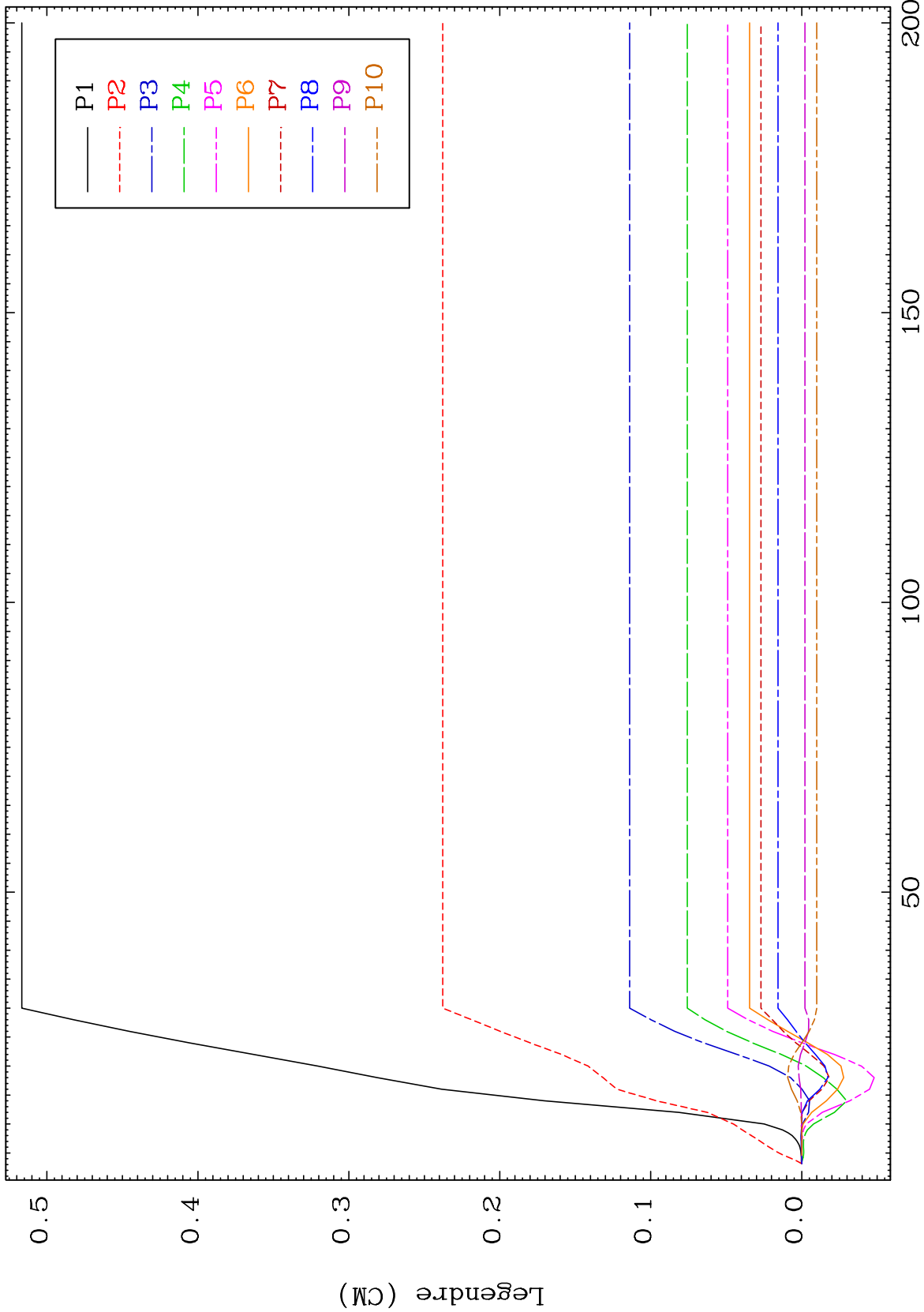
19-K -43







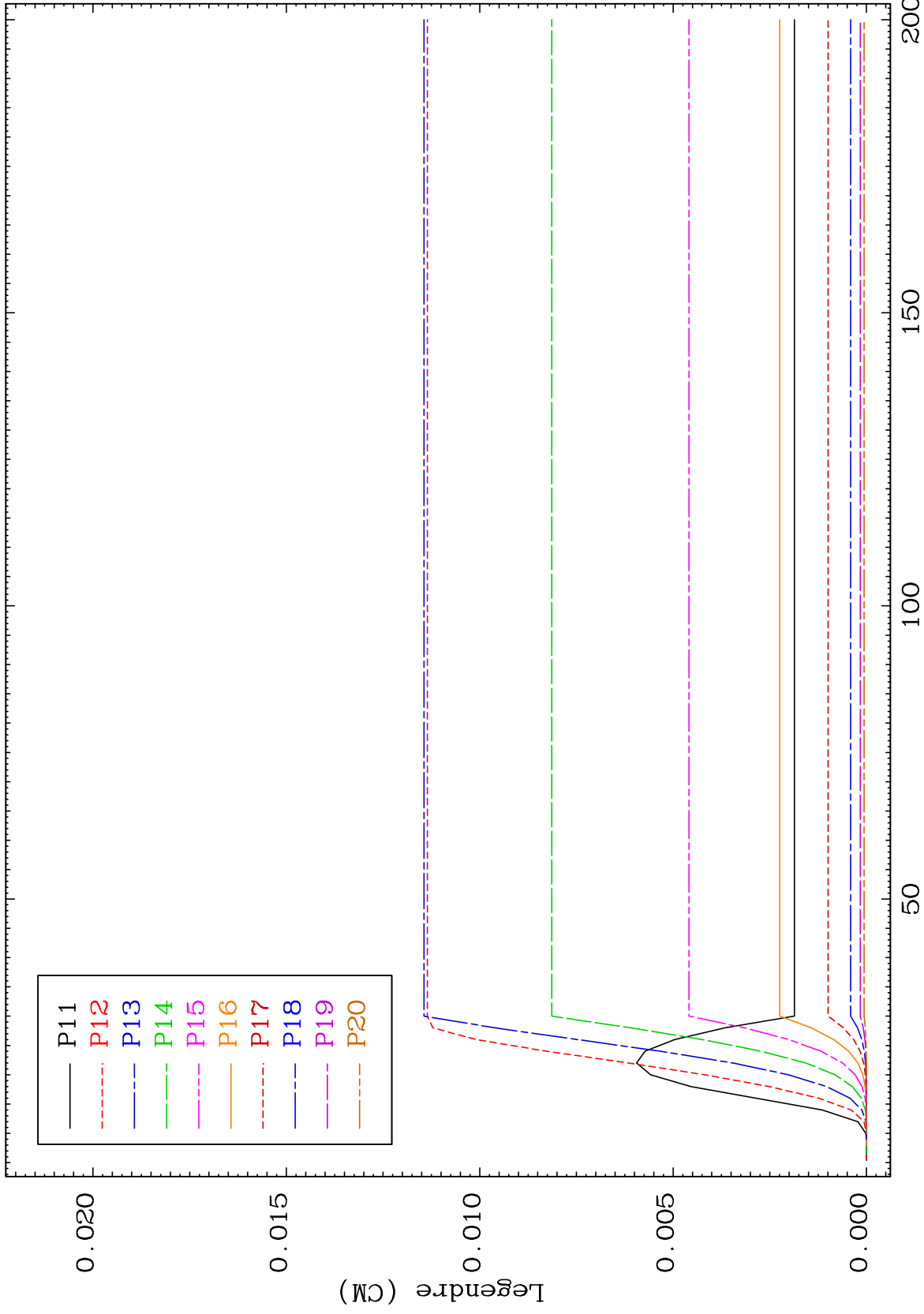




MAT 1937

3.057 MeV (n,n') Level
Legendre Coefficients

19-K -43



95

Incident Energy (MeV)

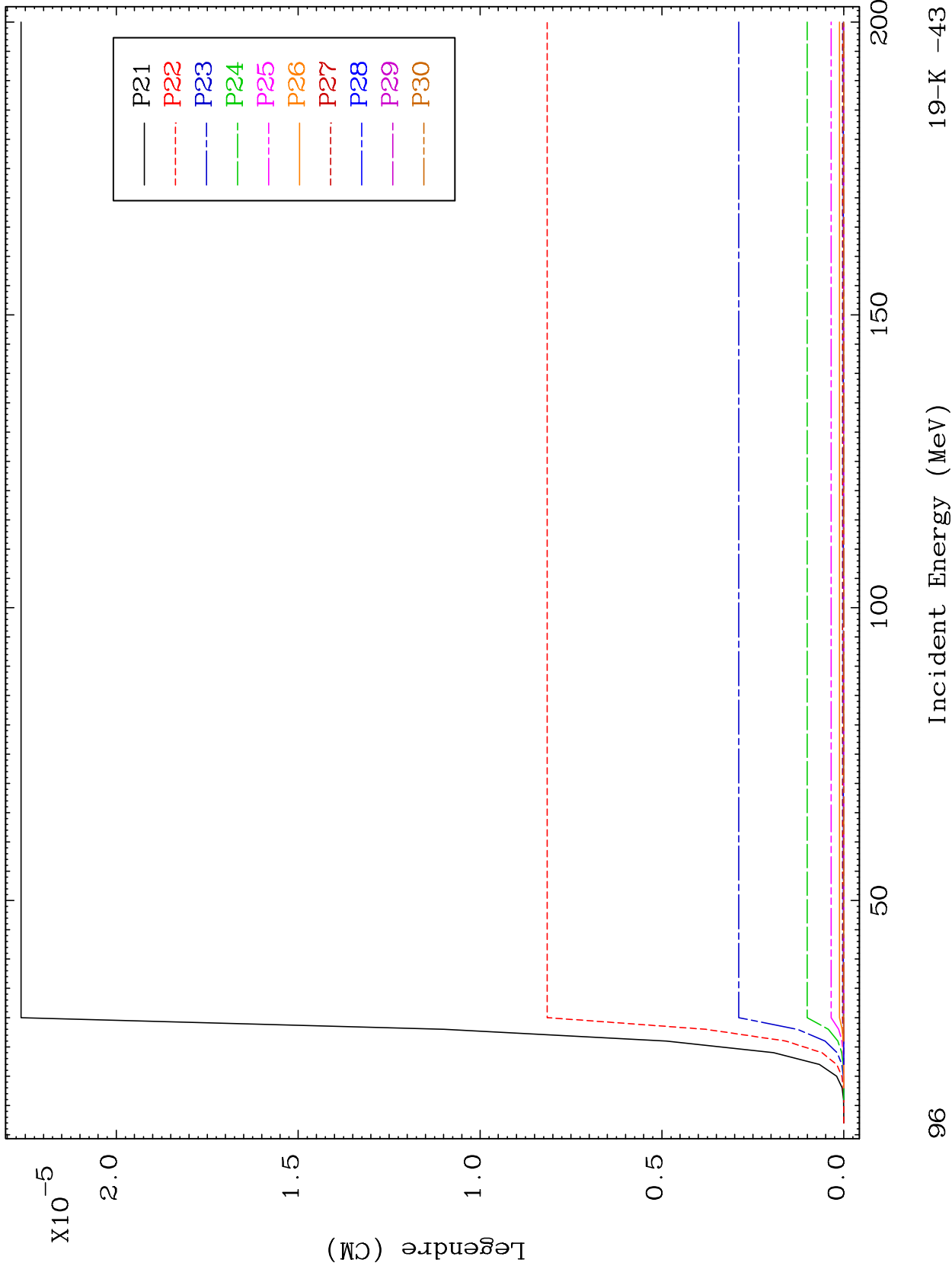
50

100

150

200

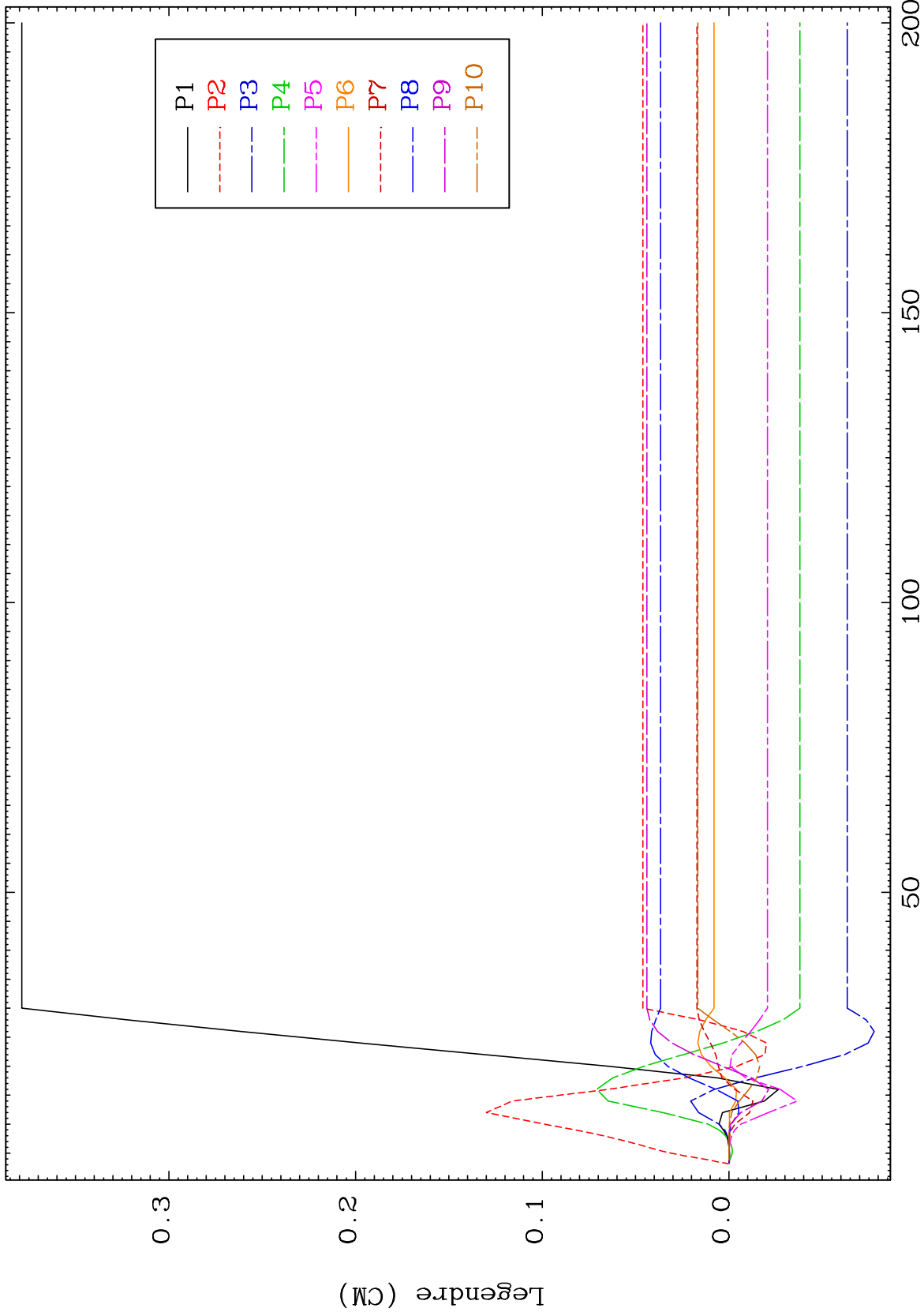
19-K -43



MAT 1937

3.084 MeV (n,n') Level
Legendre Coefficients

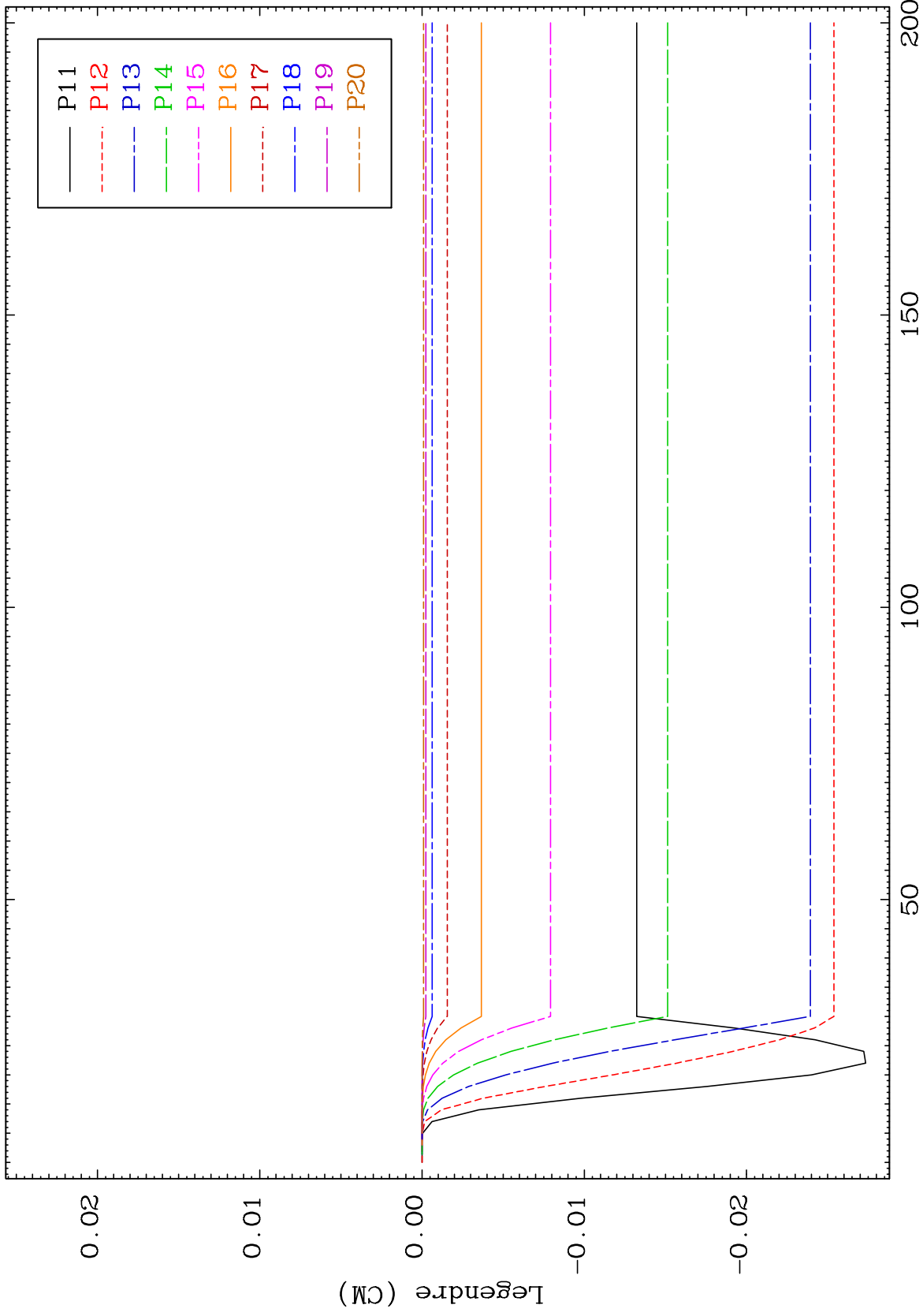
19-K -43

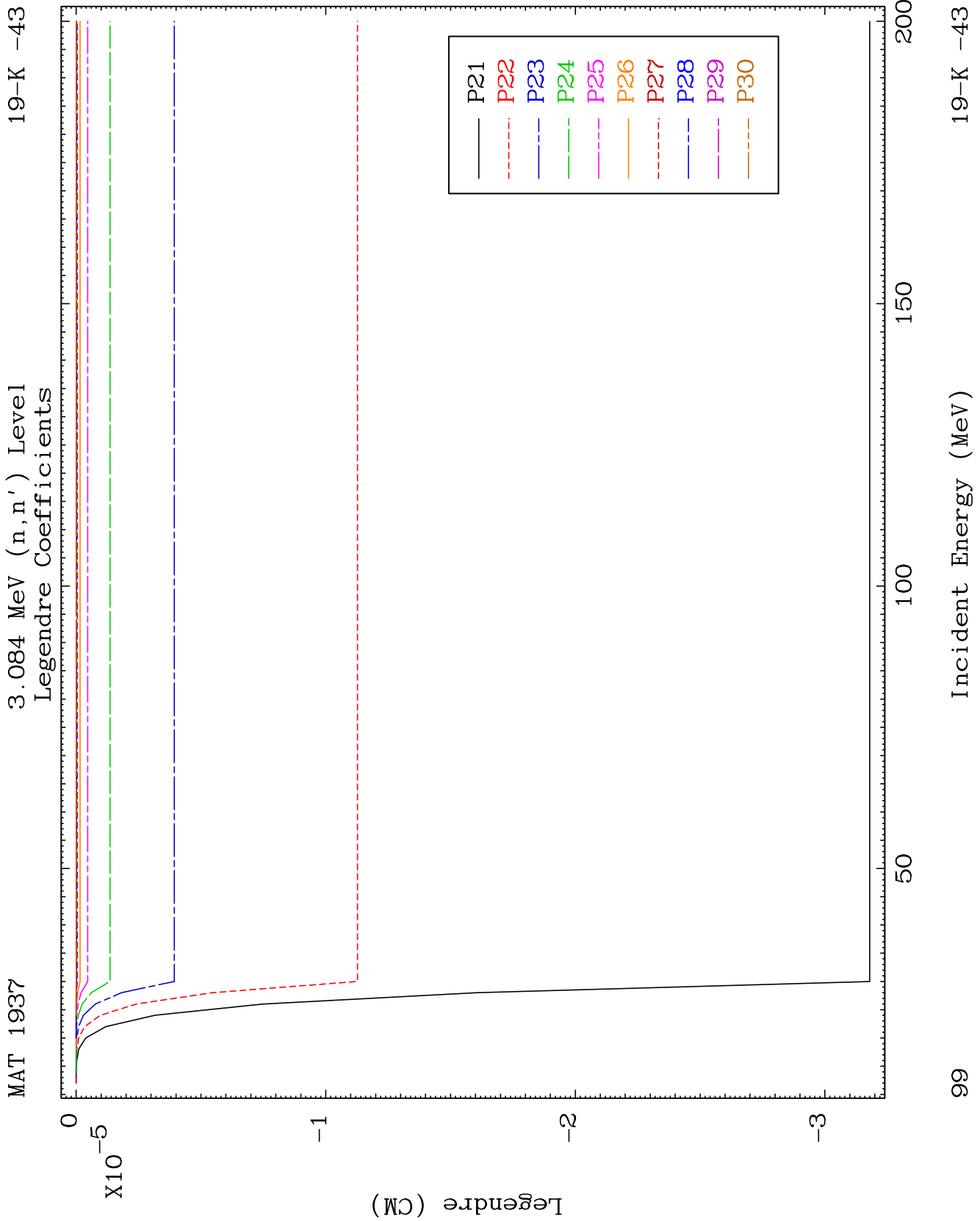


97

Incident Energy (MeV)

19-K -43

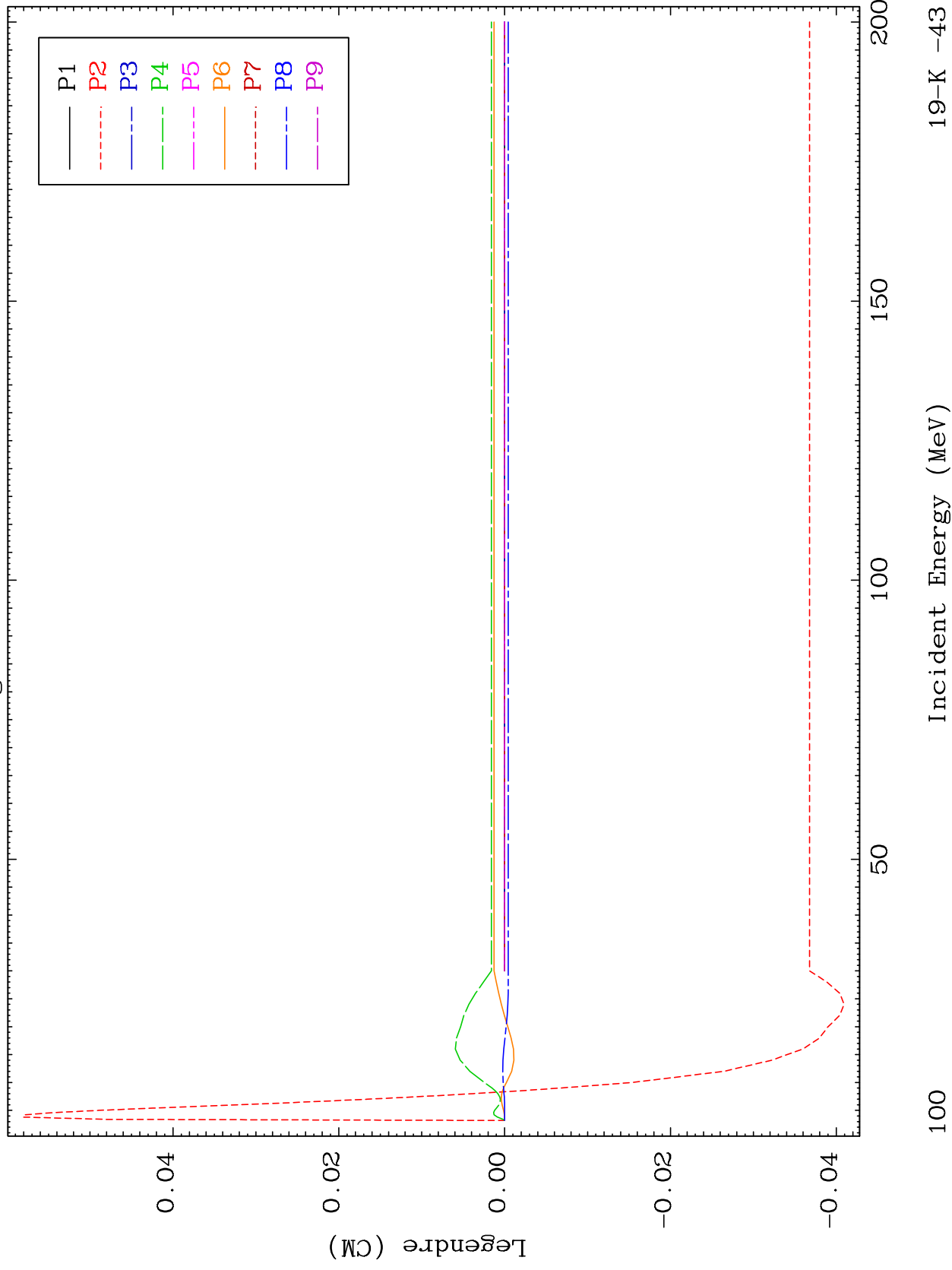




MAT 1937

3.115 MeV (n,n') Level
Legendre Coefficients

19-K -43

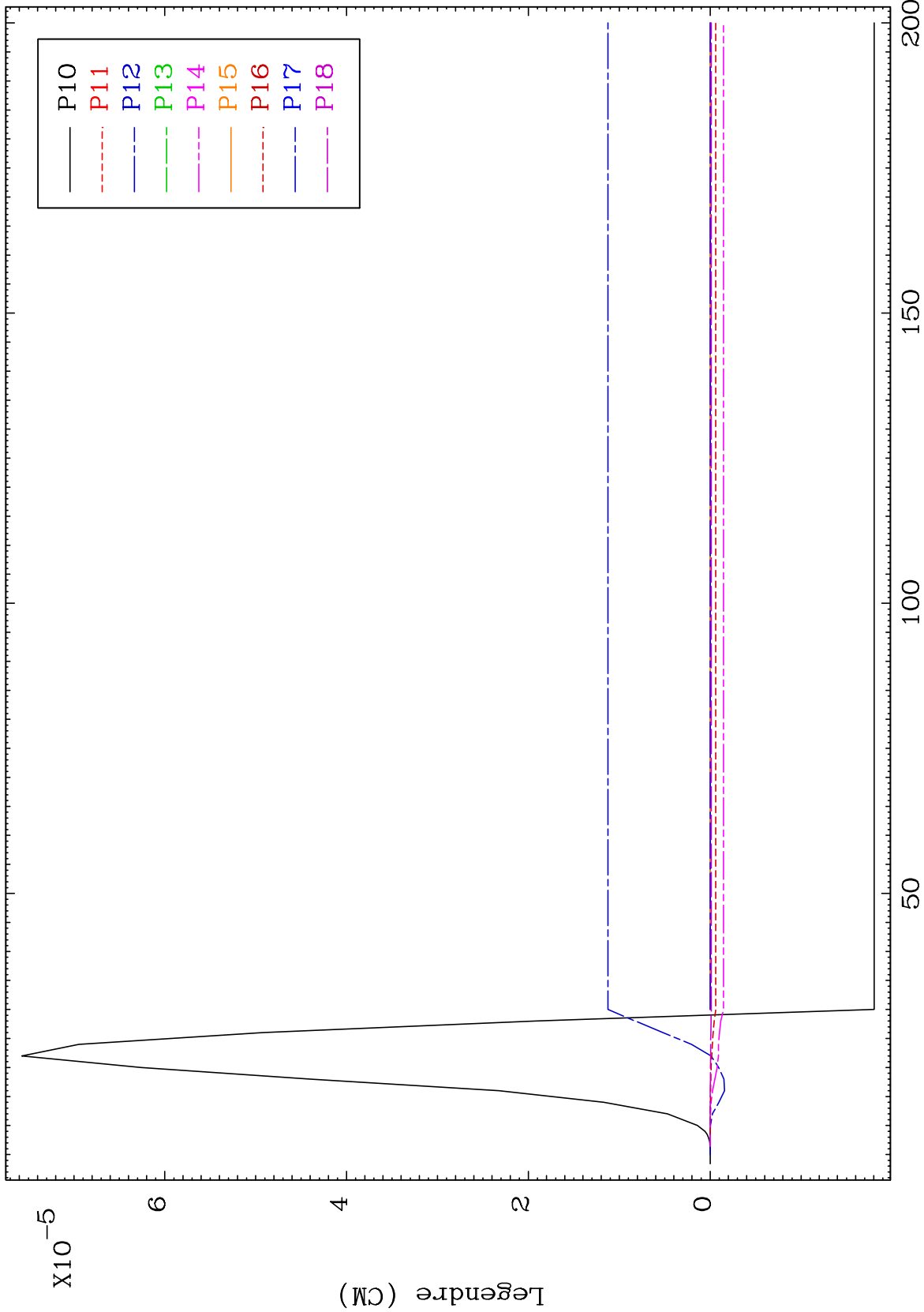


19-K -43

MAT 1937

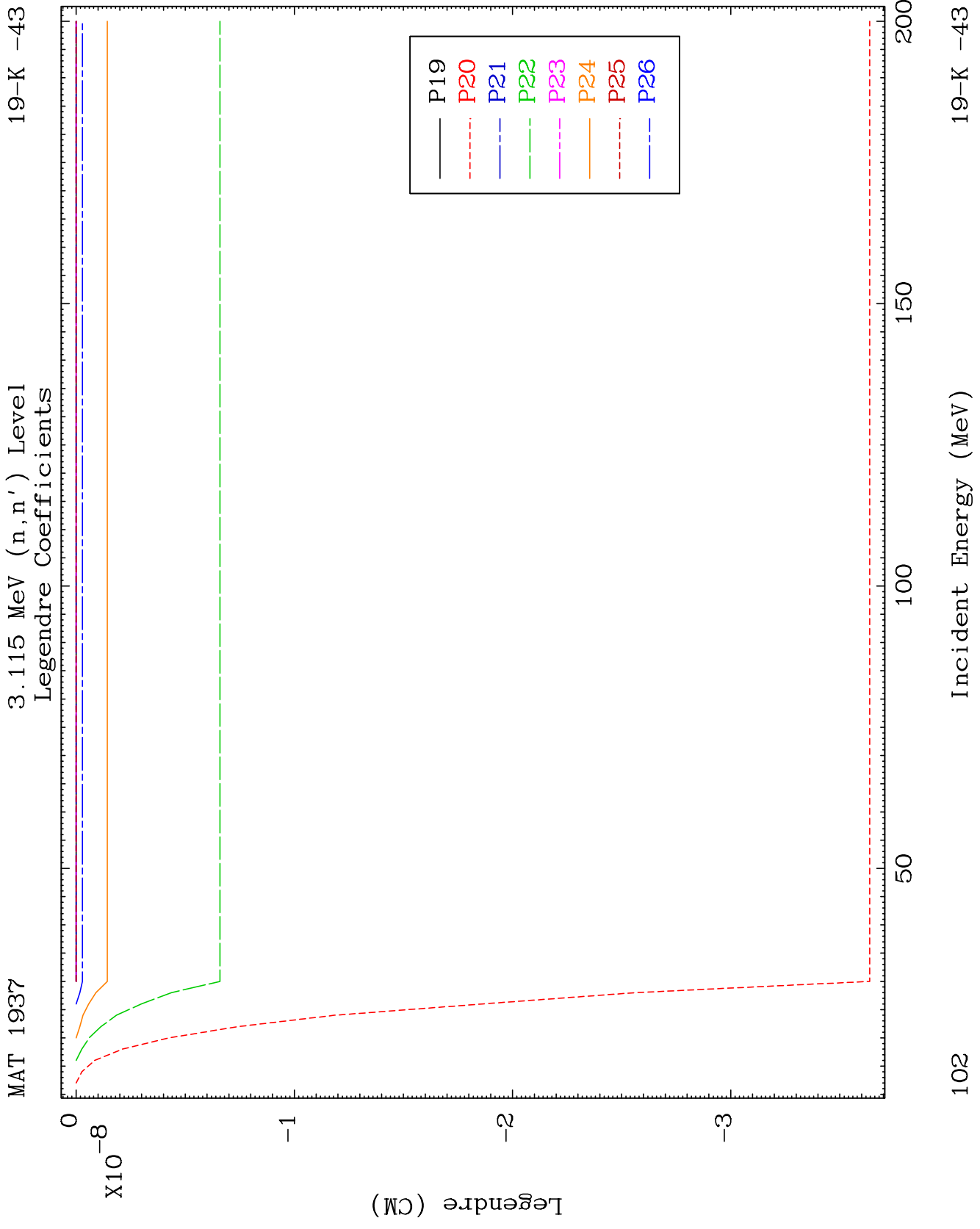
3.115 MeV (n,n') Level
Legendre Coefficients

19-K -43



101

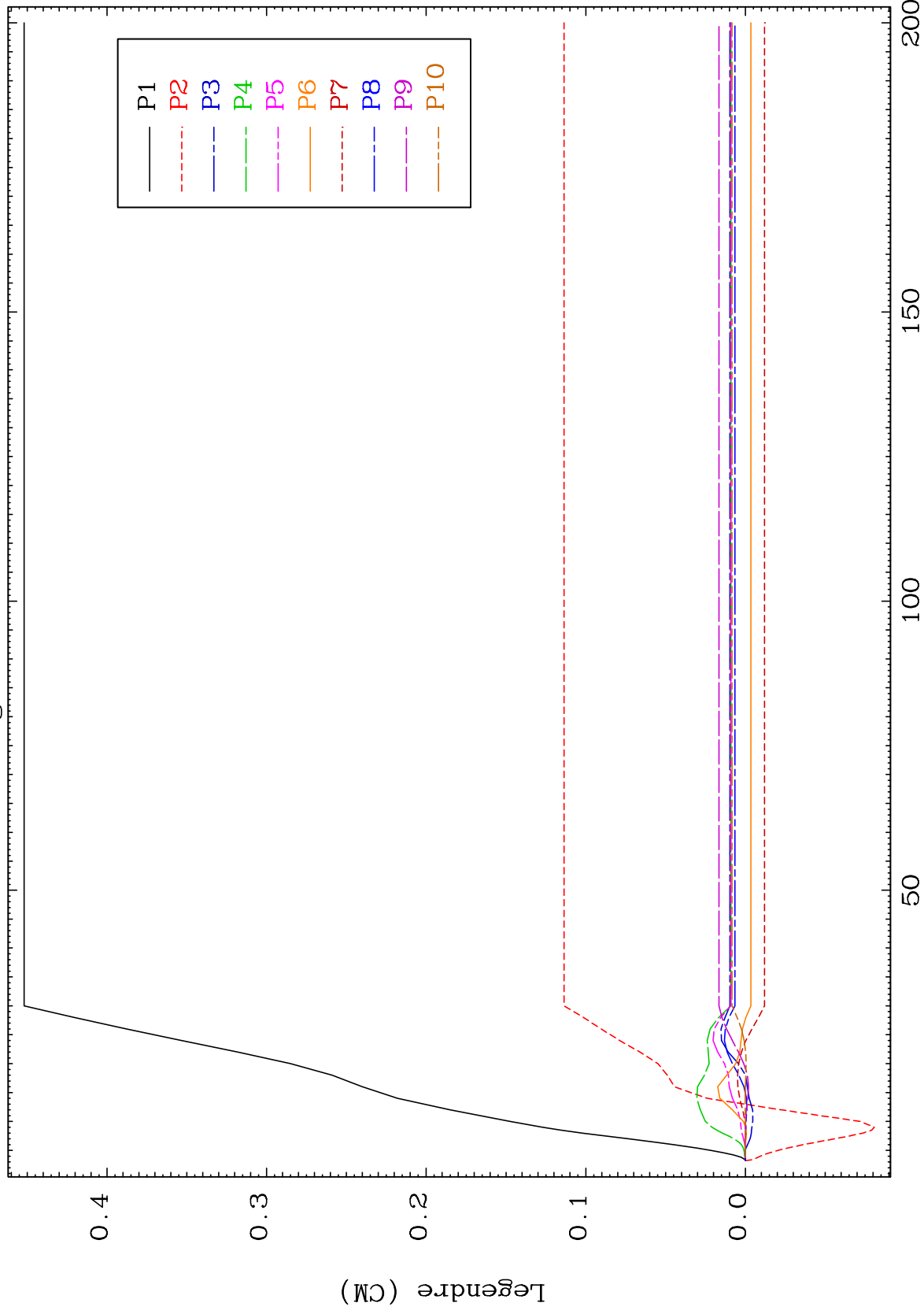
19-K -43



MAT 1937

3.139 MeV (n,n') Level
Legendre Coefficients

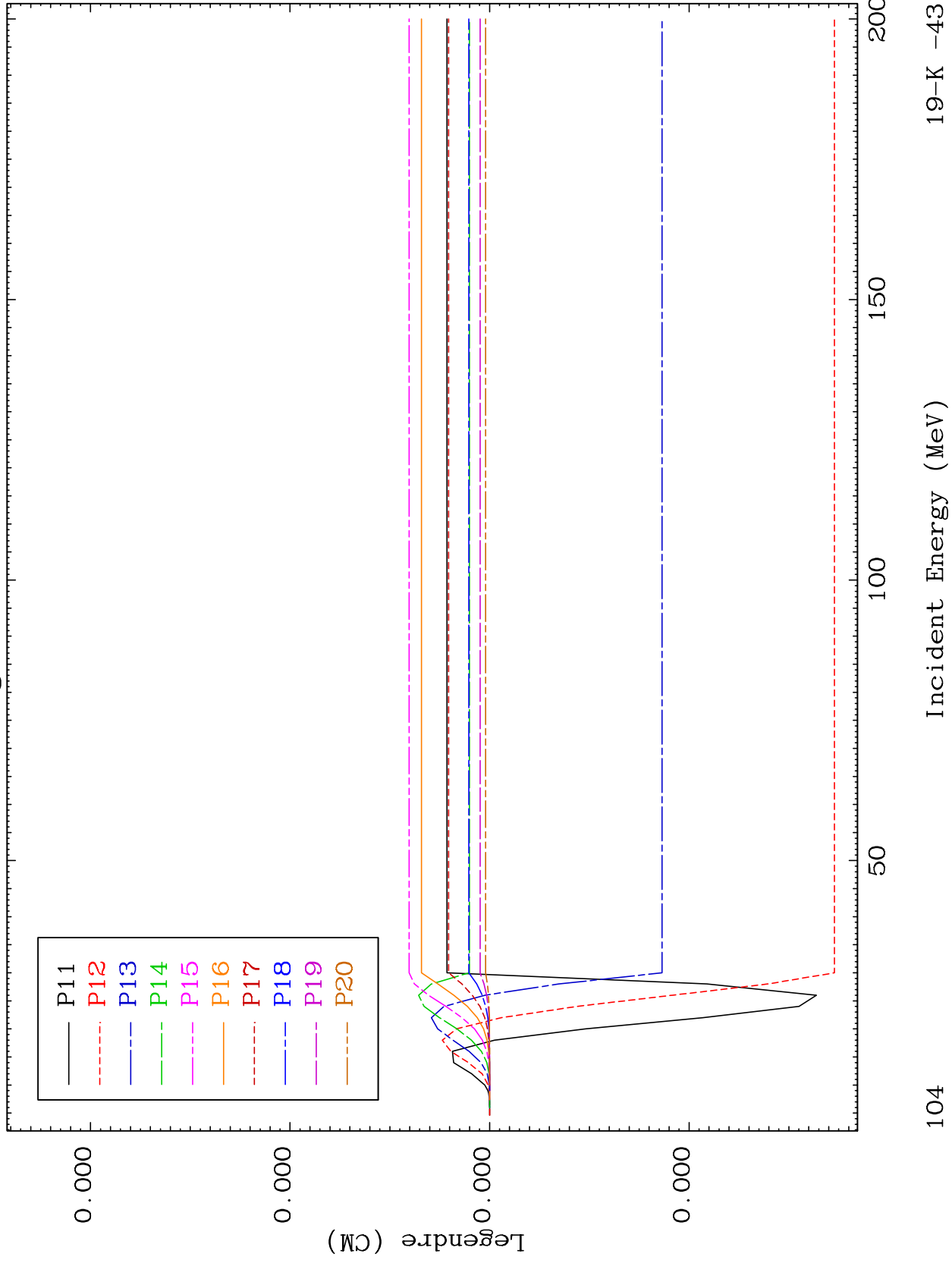
19-K -43



103

Incident Energy (MeV)

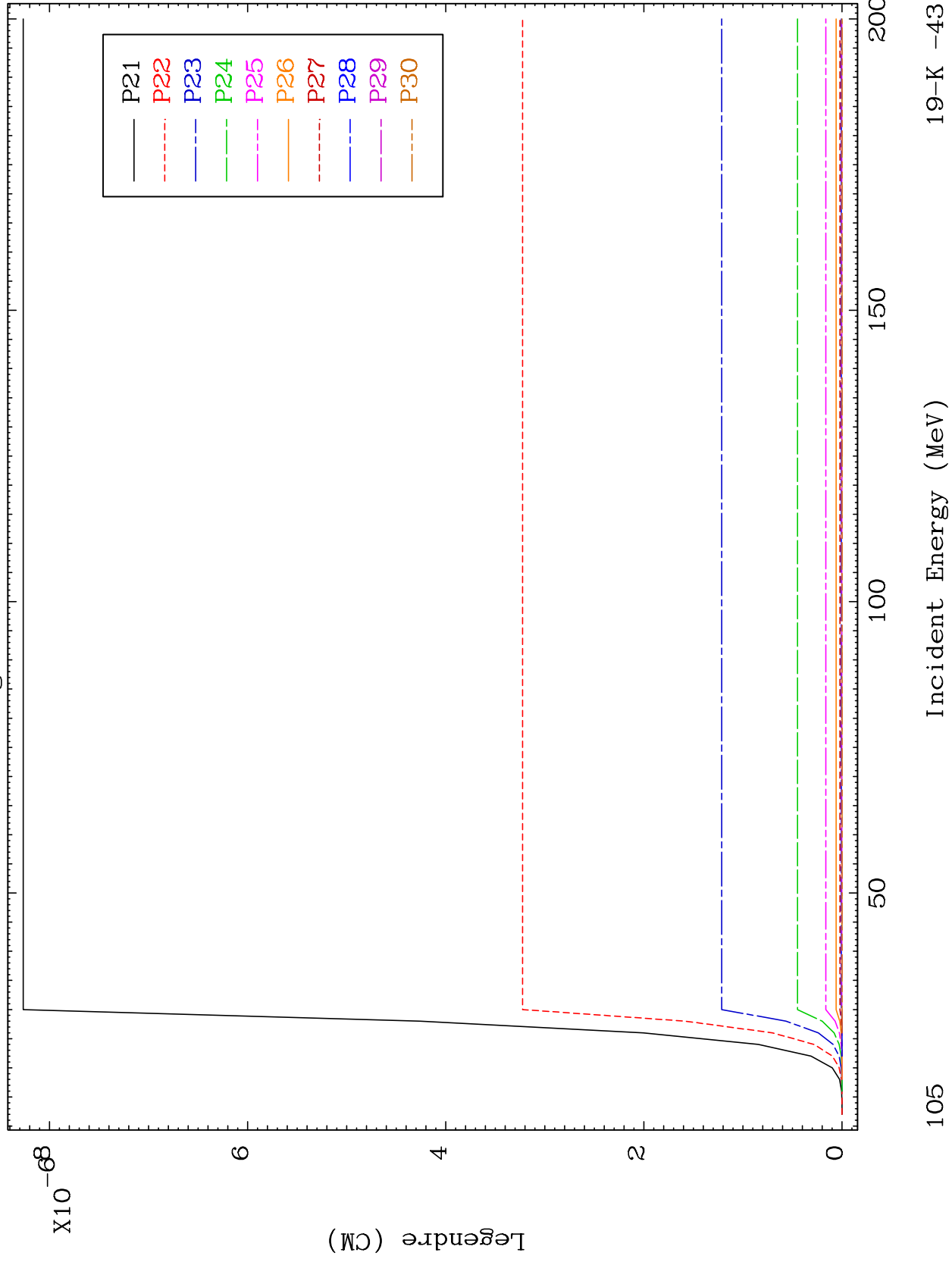
19-K -43



MAT 1937

3.139 MeV (n,n') Level
Legendre Coefficients

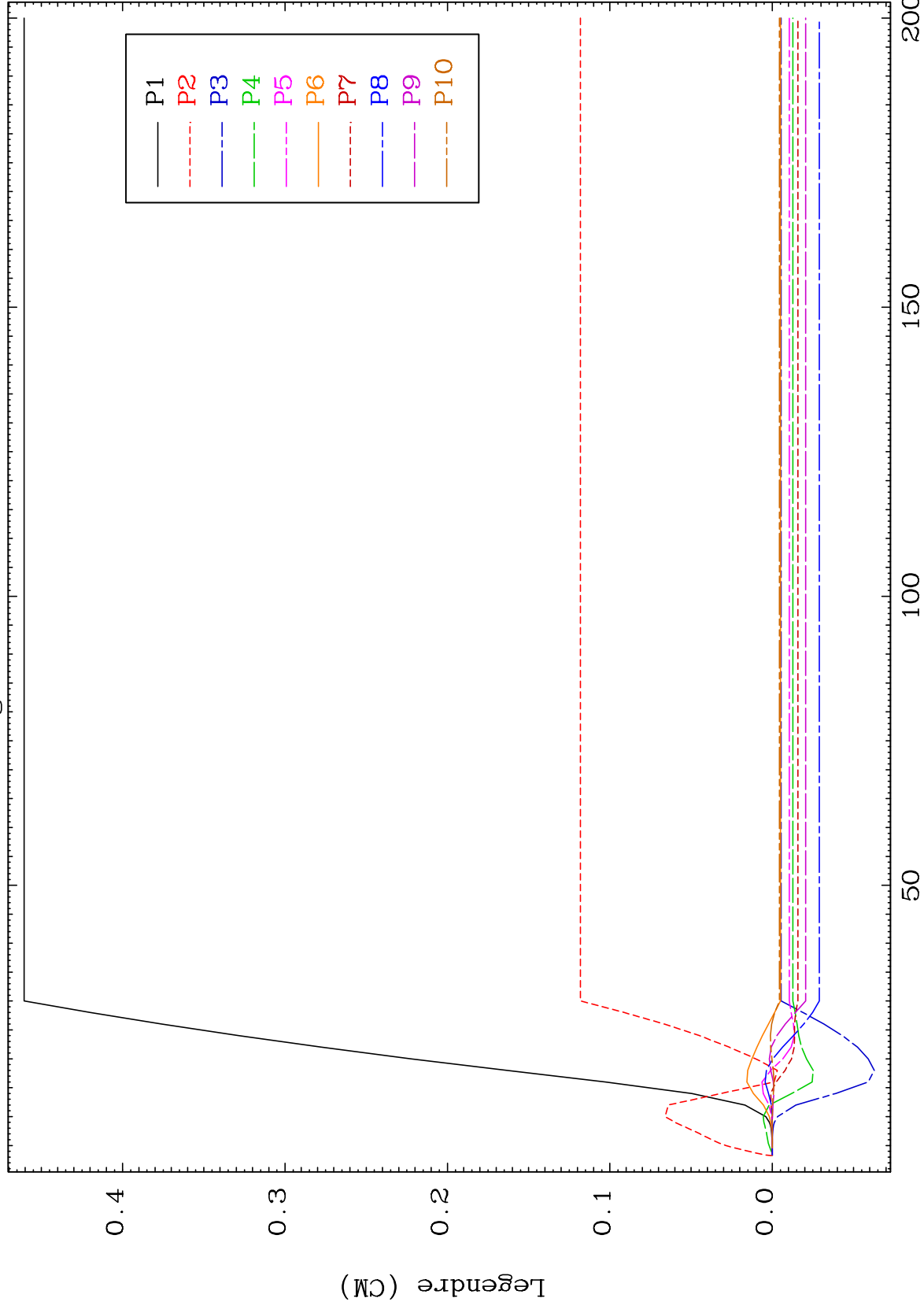
19-K -43



MAT 1937

3.155 MeV (n,n') Level
Legendre Coefficients

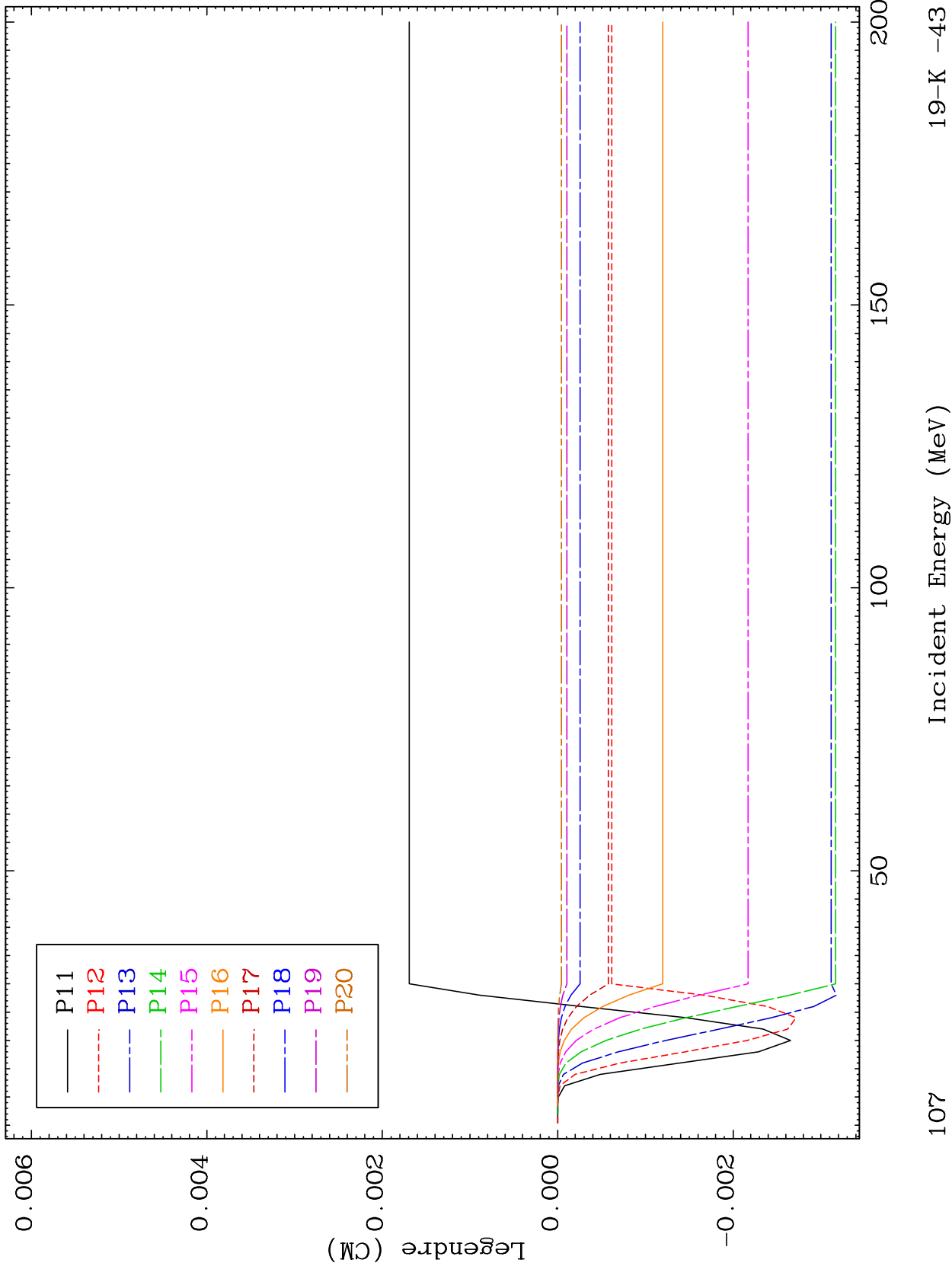
19-K -43

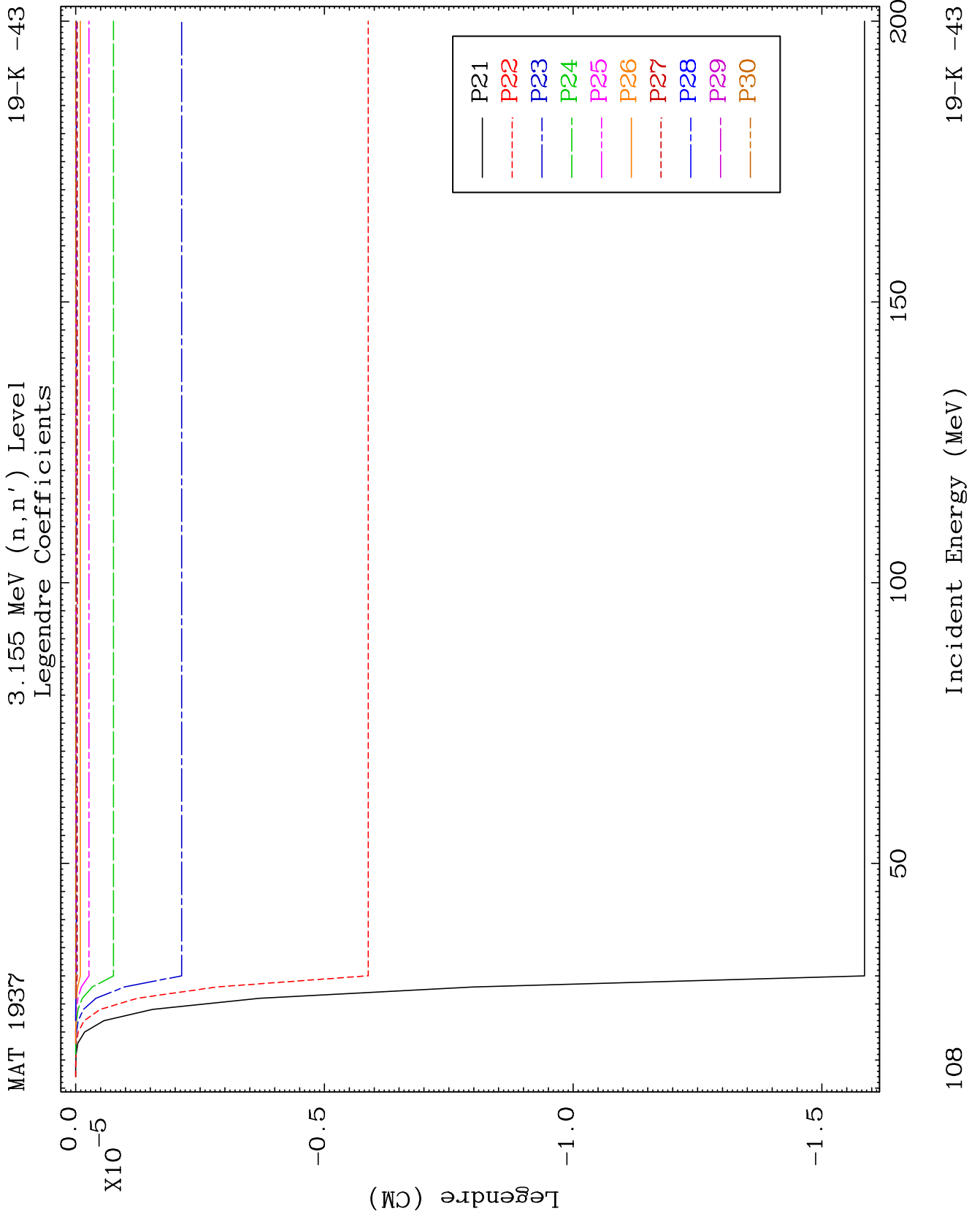


106

Incident Energy (MeV)

19-K -43



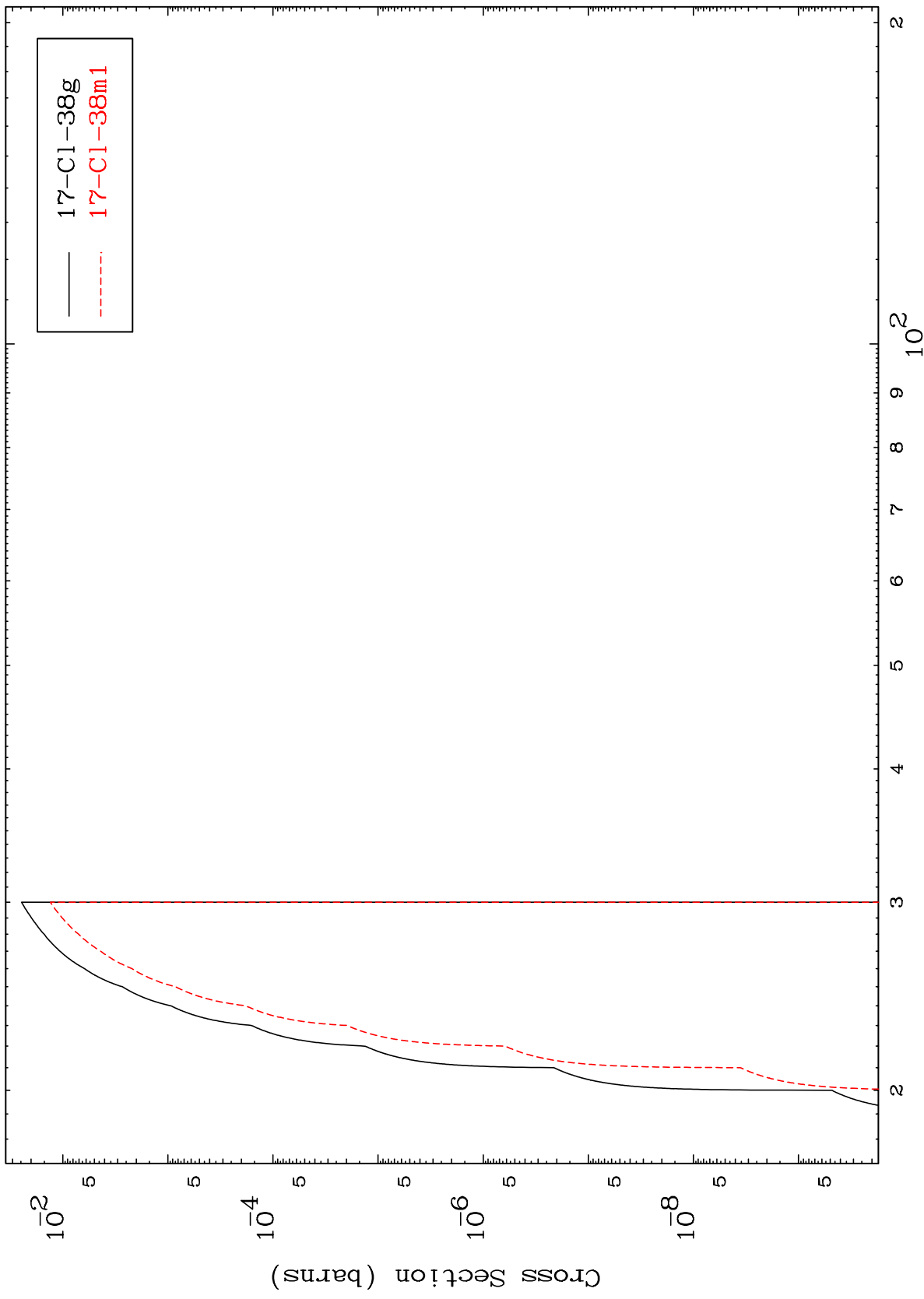


MAT 1937

(n,2n) α

19-K -43

Radionuclide Production Cross Section



109

Incident Energy (MeV)

19-K -43