

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

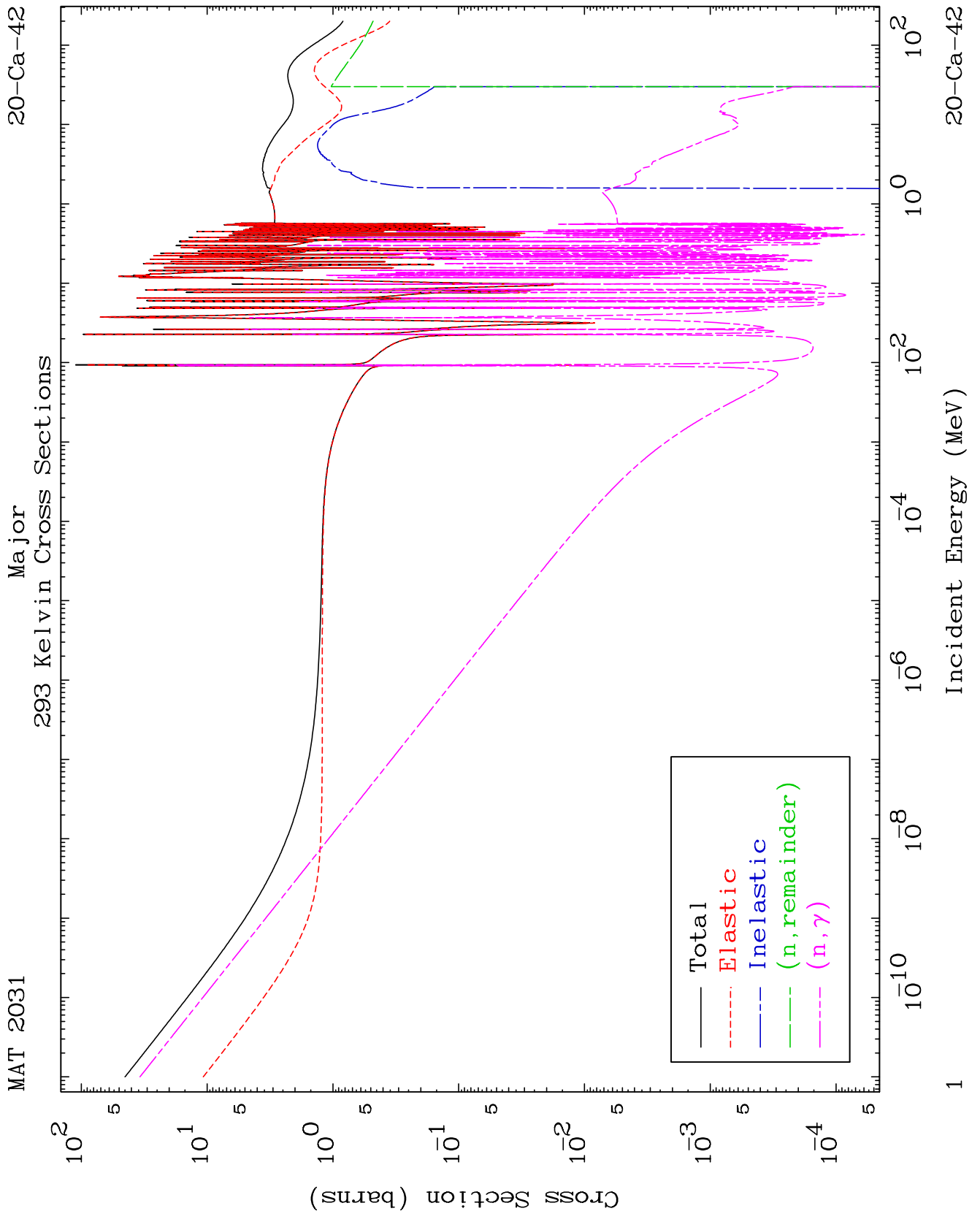
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Livermore, CA 94550
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Web:redcullen1.net/HOMEPAGE.NEW

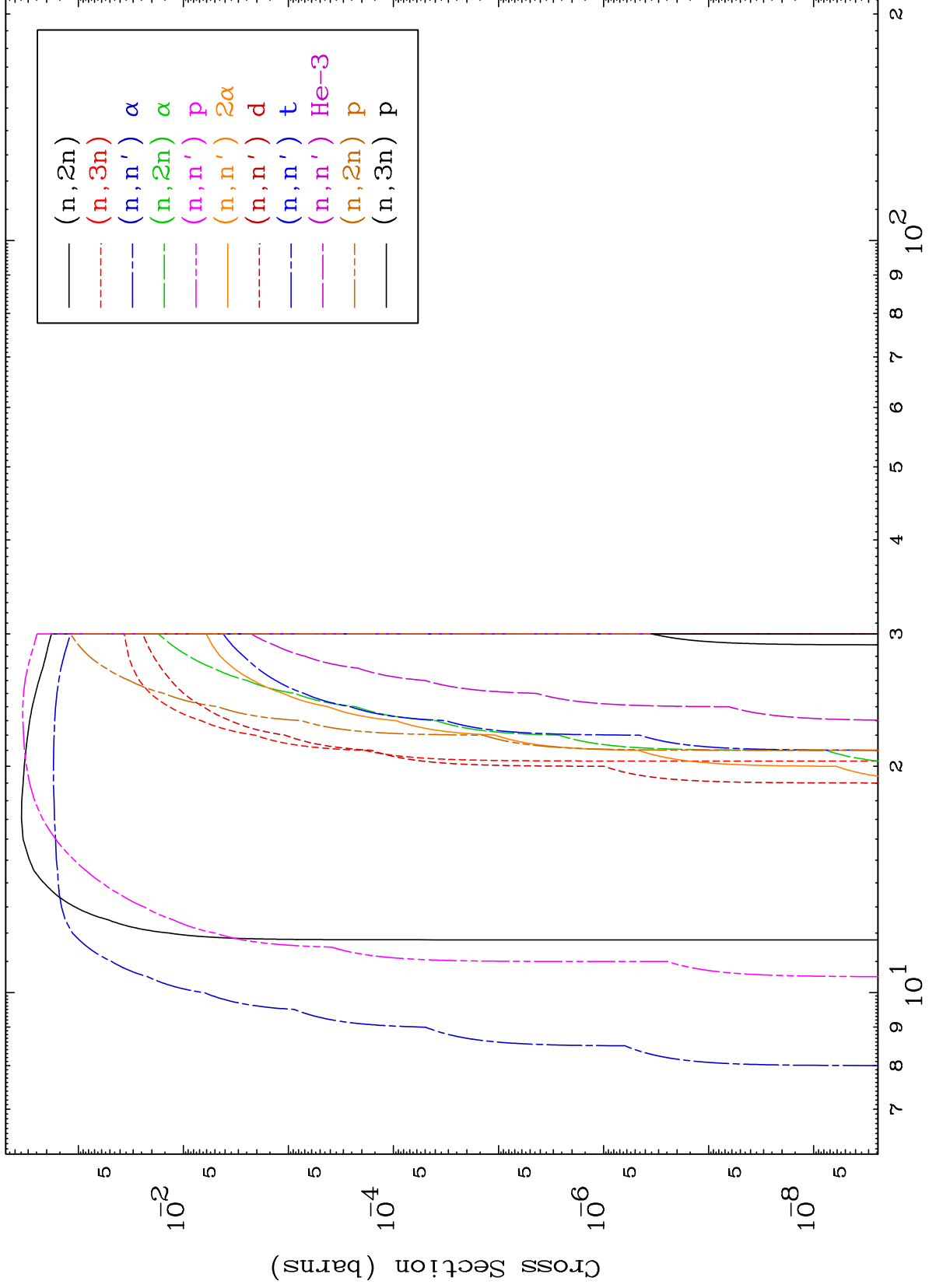
Press Mouse Button to Start



MAT 2031

Neutron Production
293 Kelvin Cross Sections

20-Ca-42



2

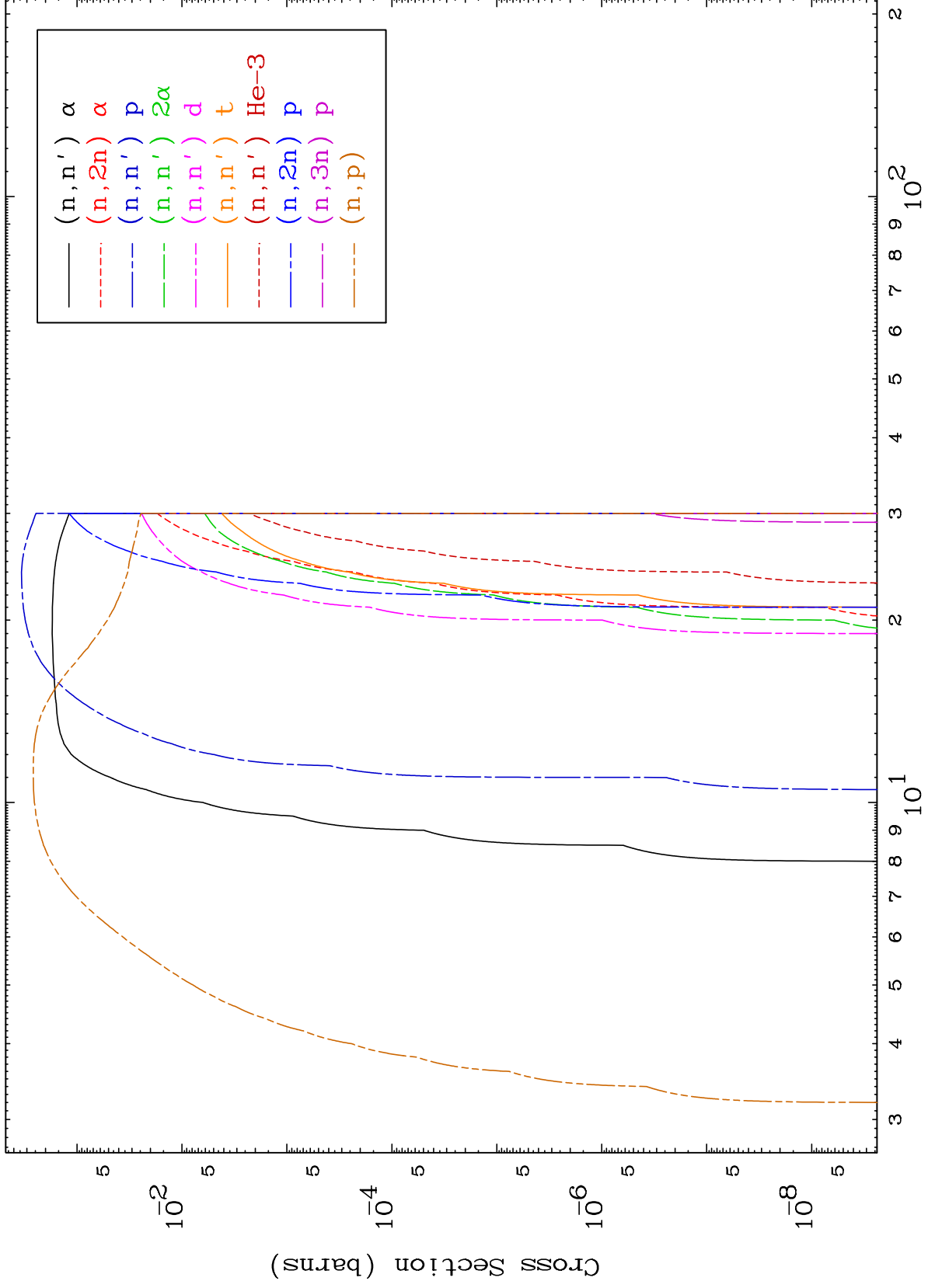
Incident Energy (MeV)

20-Ca-42

MAT 2031

Charged Particle
293 Kelvin Cross Sections

20-Ca-42



3

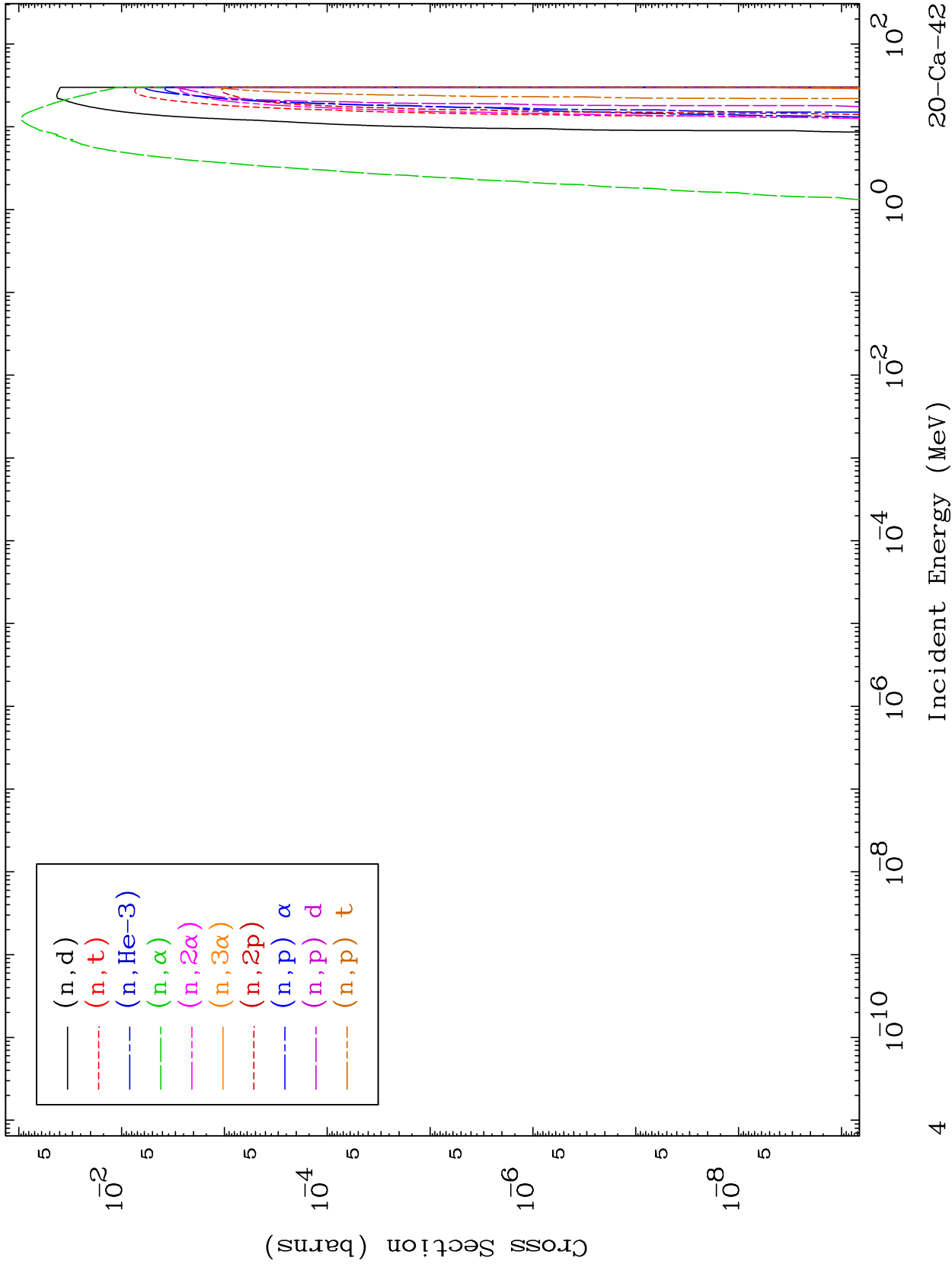
Incident Energy (MeV)

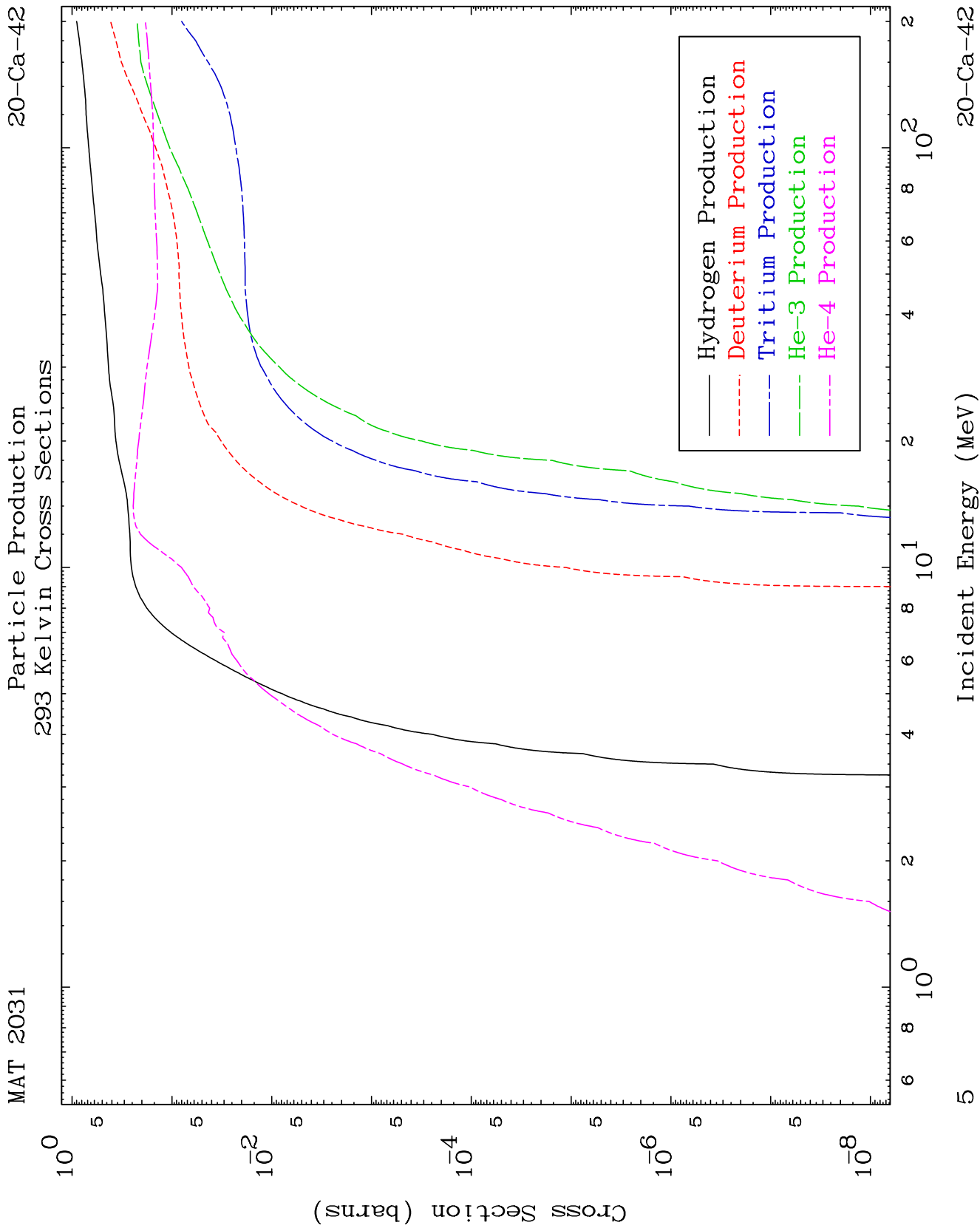
20-Ca-42

MAT 2031

Charged Particle
293 Kelvin Cross Sections

20-Ca-42



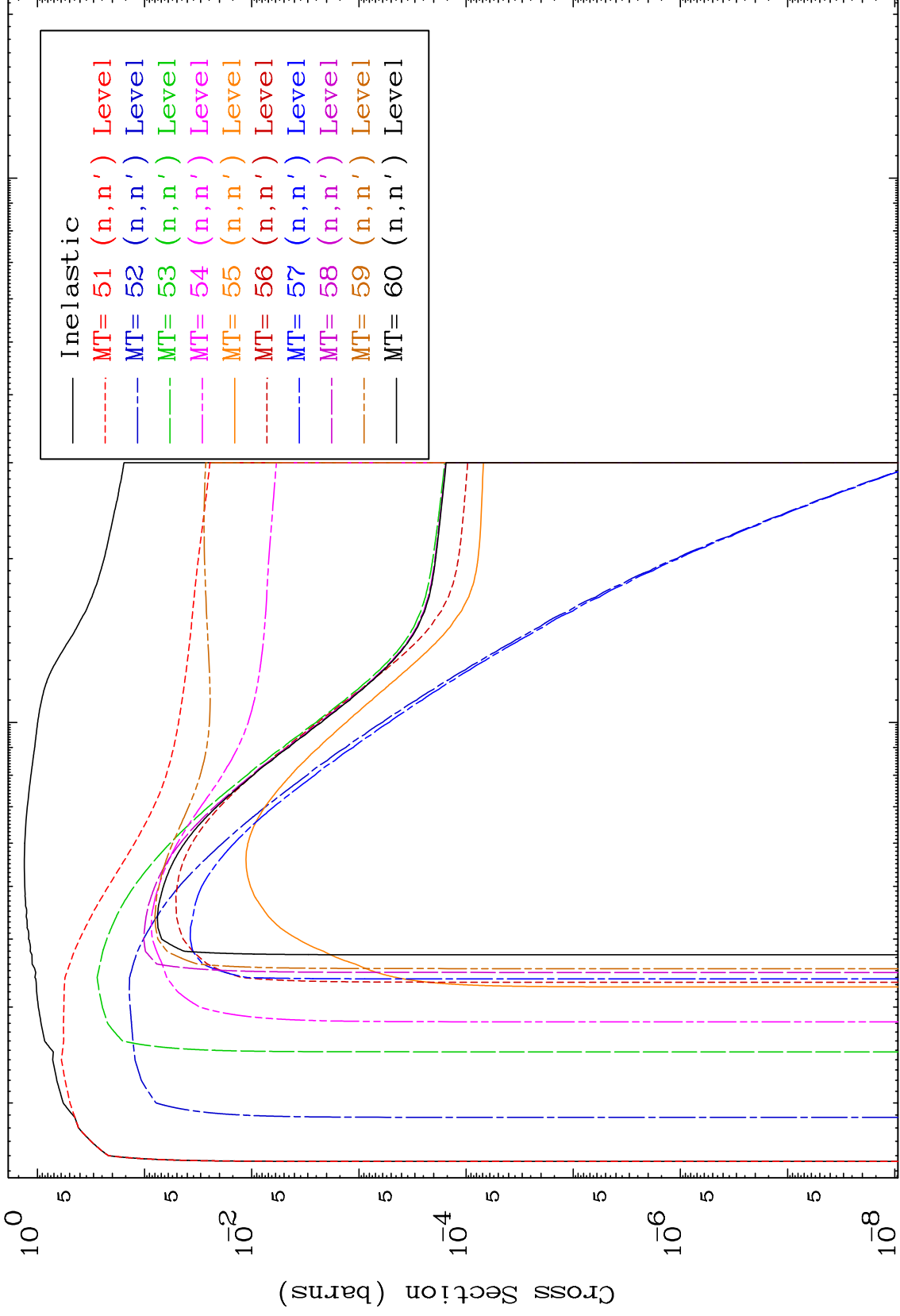


MAT 2031

(n,n') Level

20-Ca-42

293 Kelvin Cross Sections



6

Incident Energy (MeV)

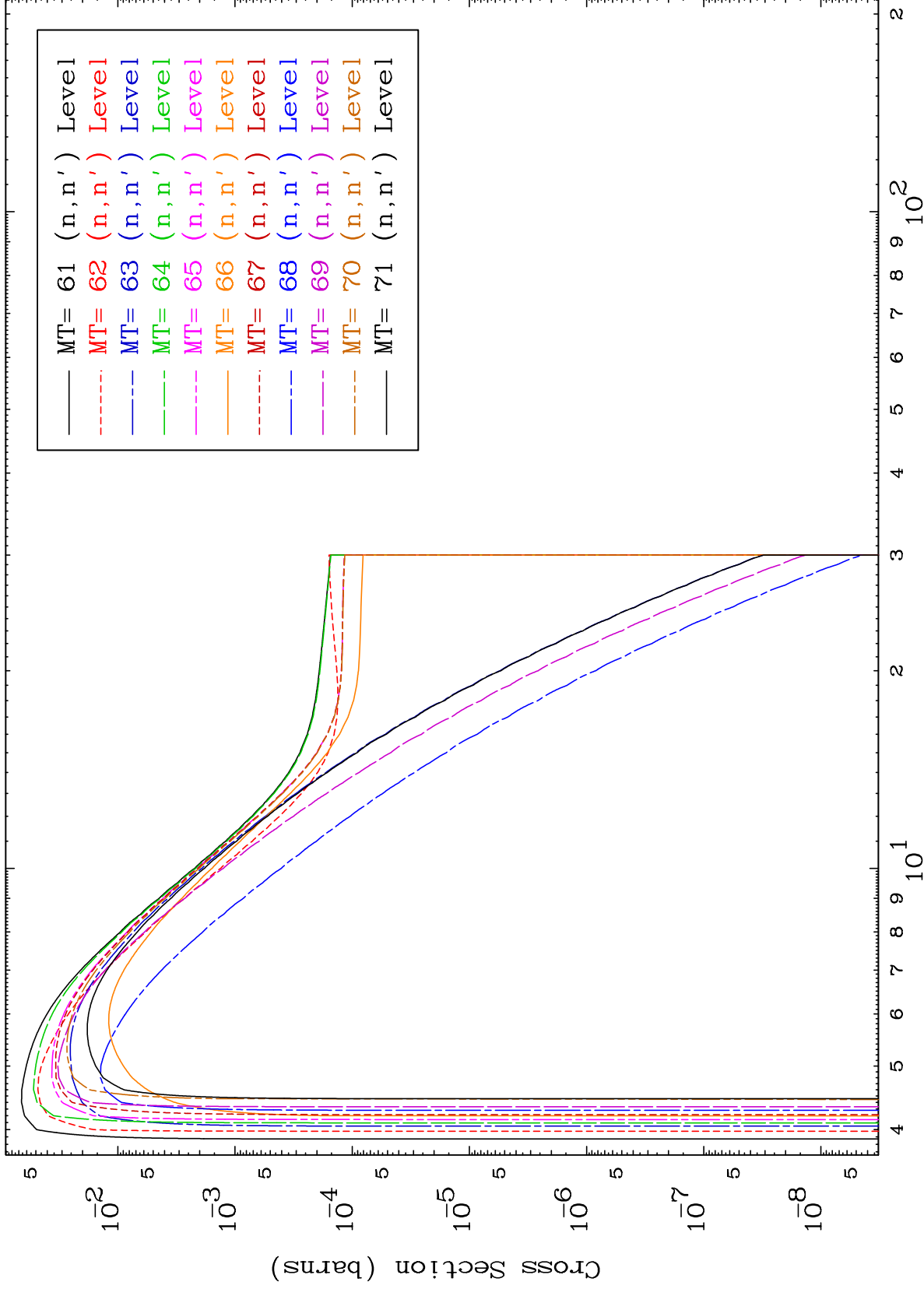
20-Ca-42

MAT 2031

(n,n') Level

20-Ca-42

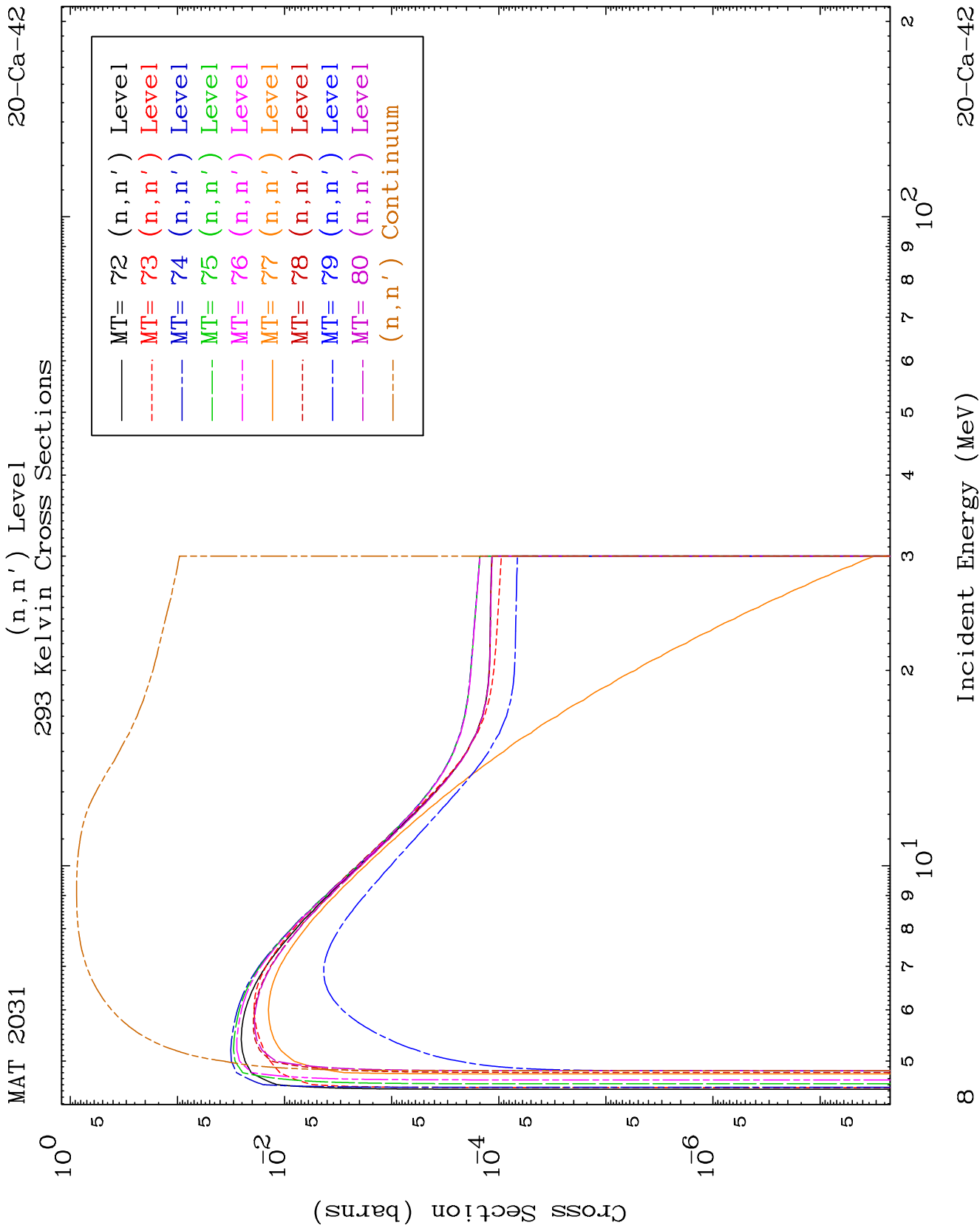
293 Kelvin Cross Sections



7

Incident Energy (MeV)

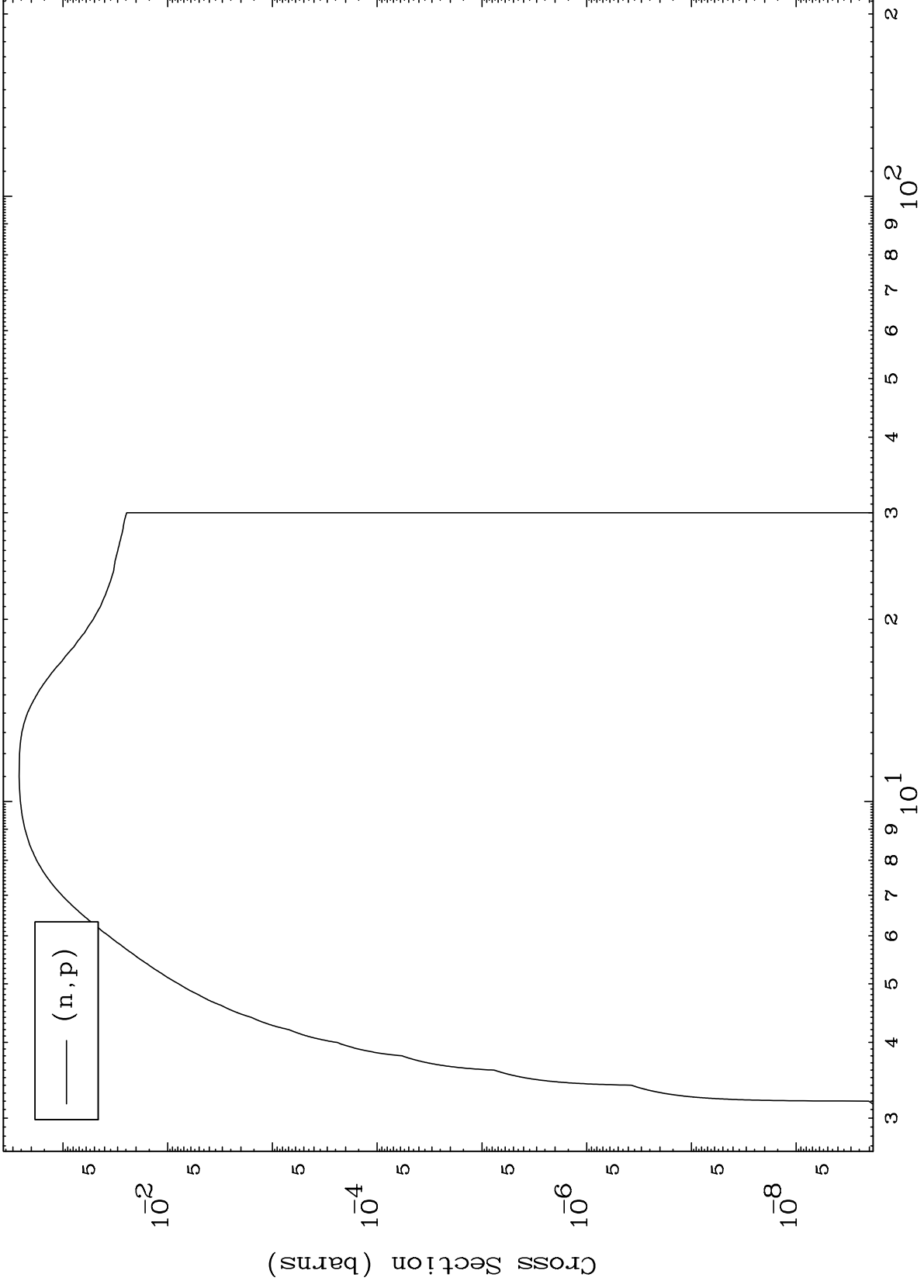
20-Ca-42



MAT 2031

(n,p) Levels
293 Kelvin Cross Sections

20-Ca-42



9

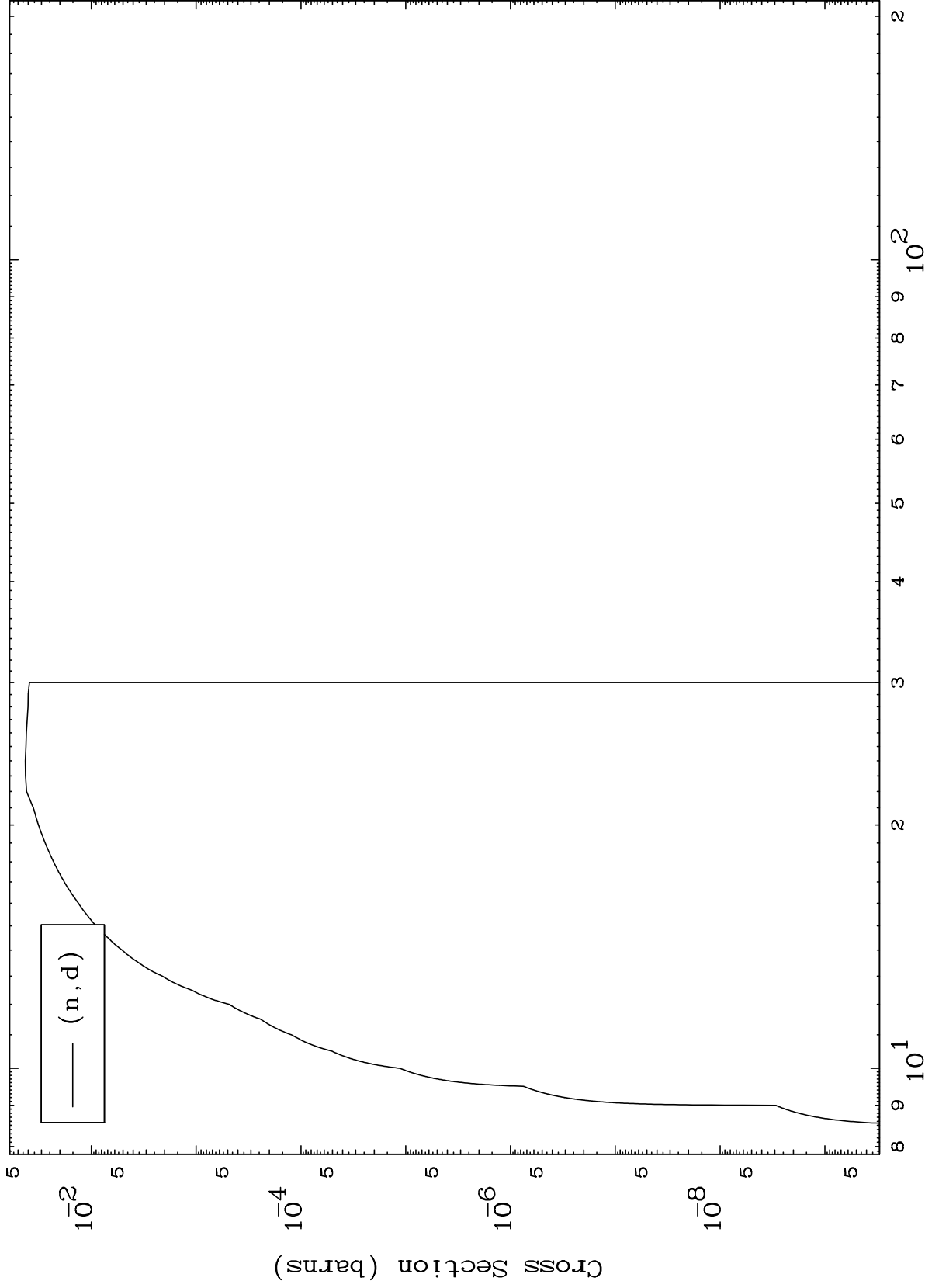
Incident Energy (MeV)

20-Ca-42

MAT 2031

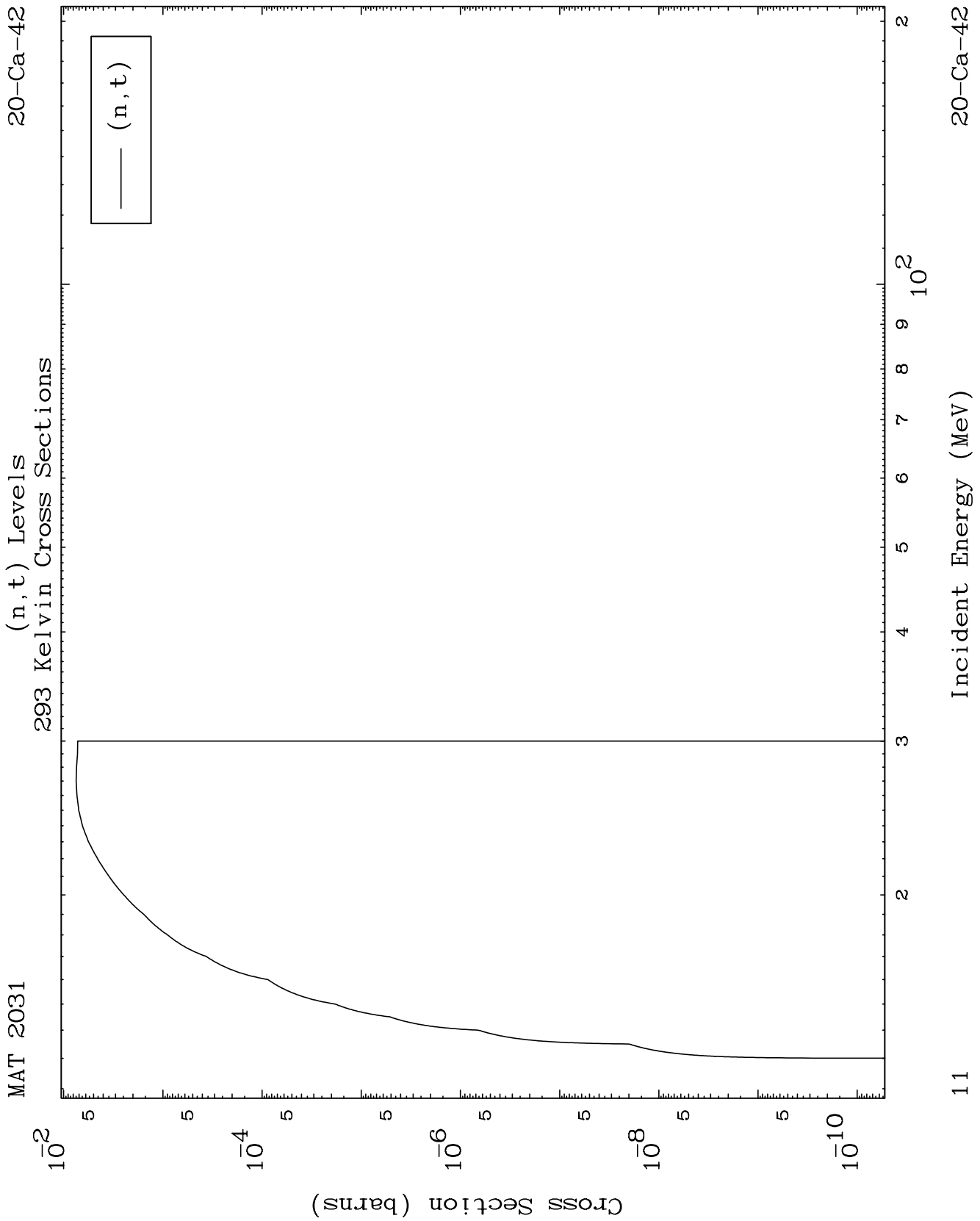
(n,d) Levels
293 Kelvin Cross Sections

20-Ca-42



Incident Energy (MeV)

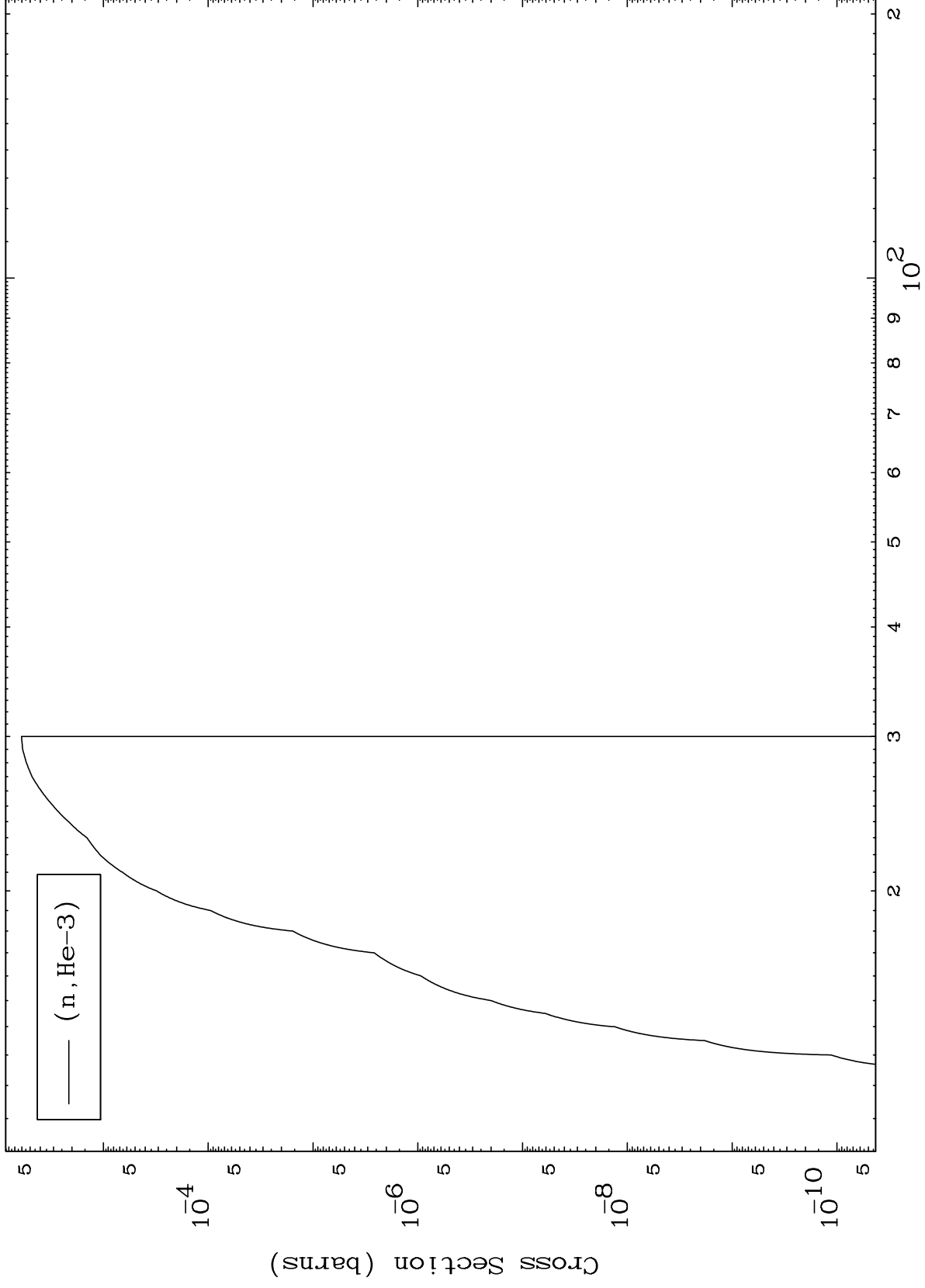
20-Ca-42



MAT 2031

(n,He3) Levels
293 Kelvin Cross Sections

20-Ca-42



12

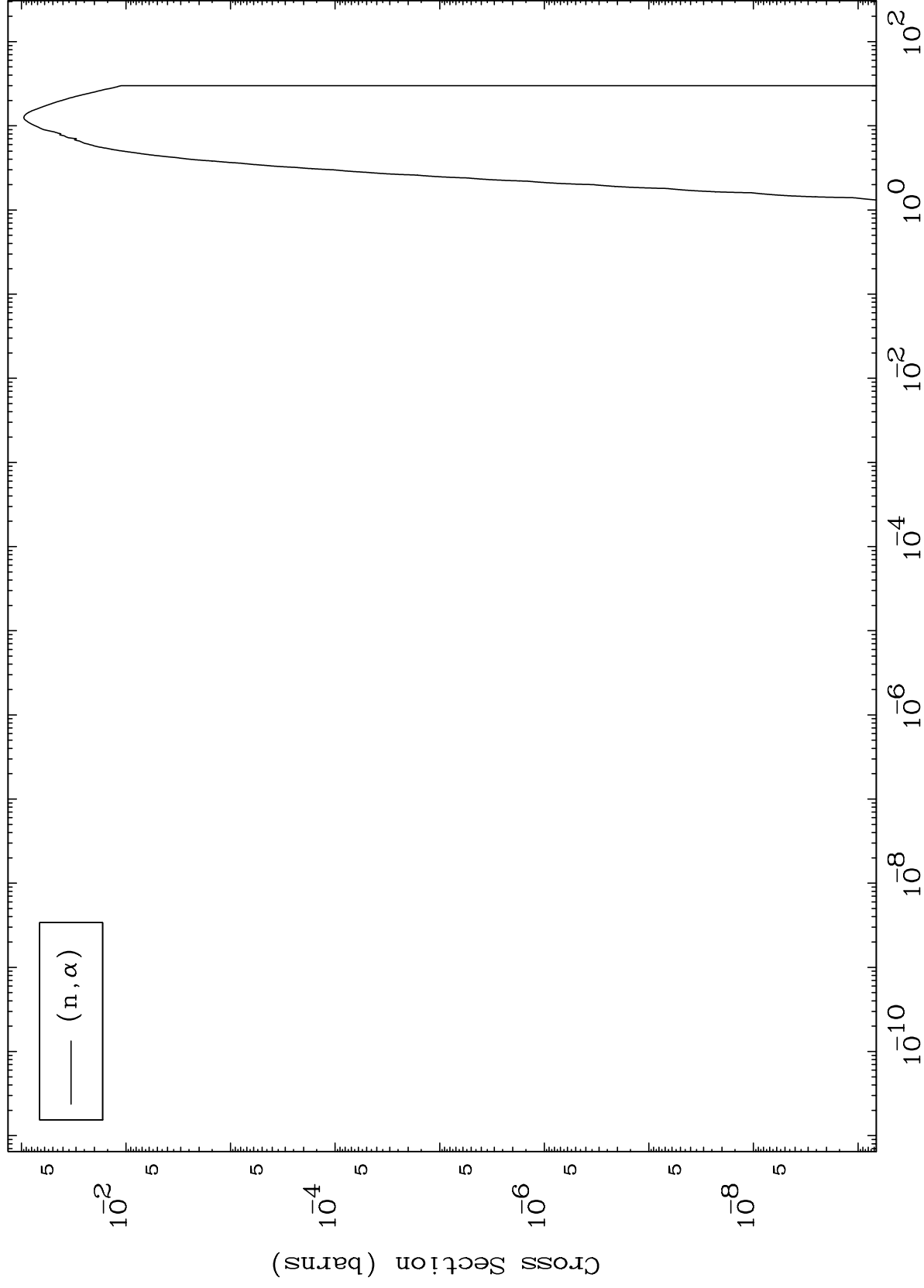
Incident Energy (MeV)

20-Ca-42

MAT 2031

(n, α) Levels
293 Kelvin Cross Sections

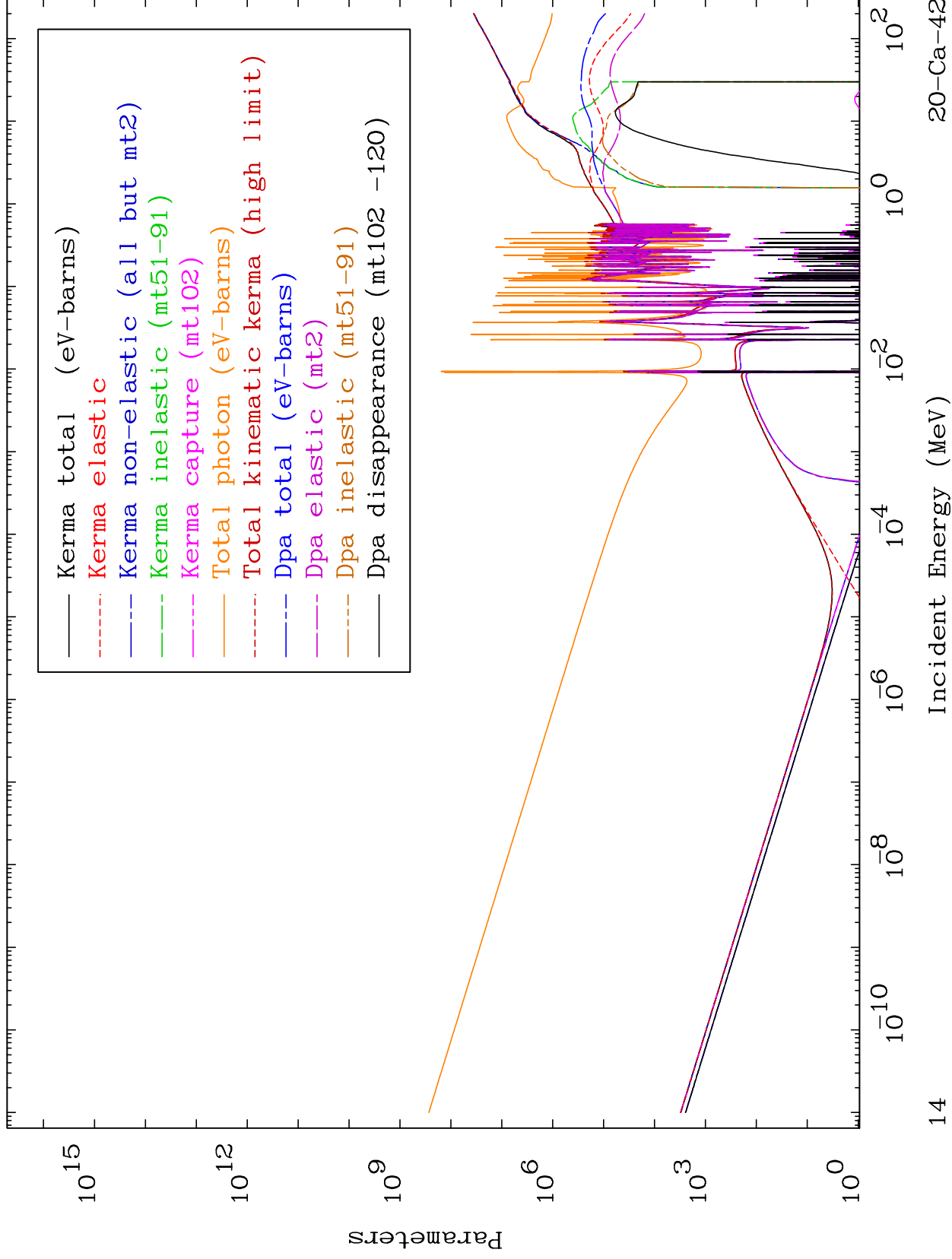
20-Ca-42

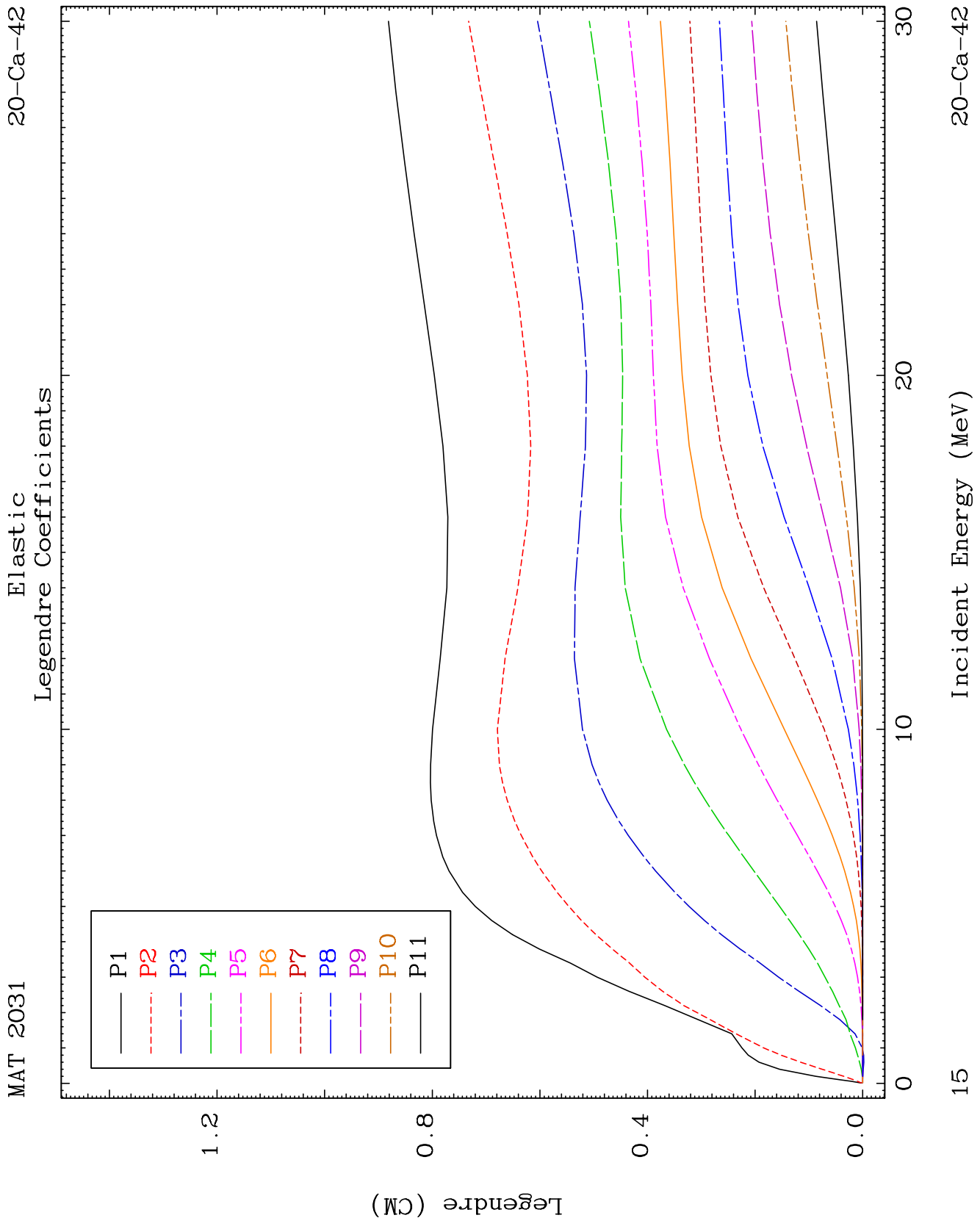


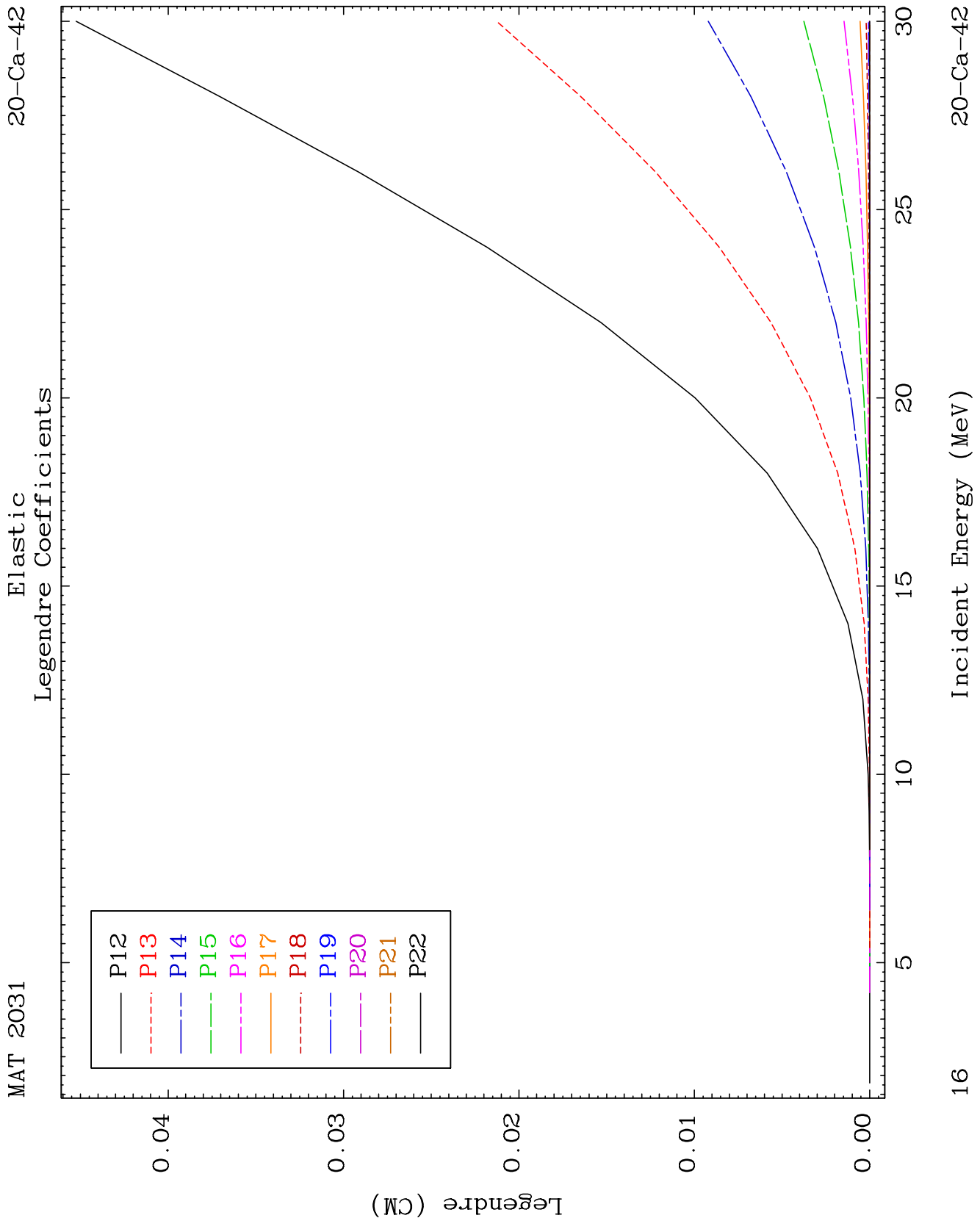
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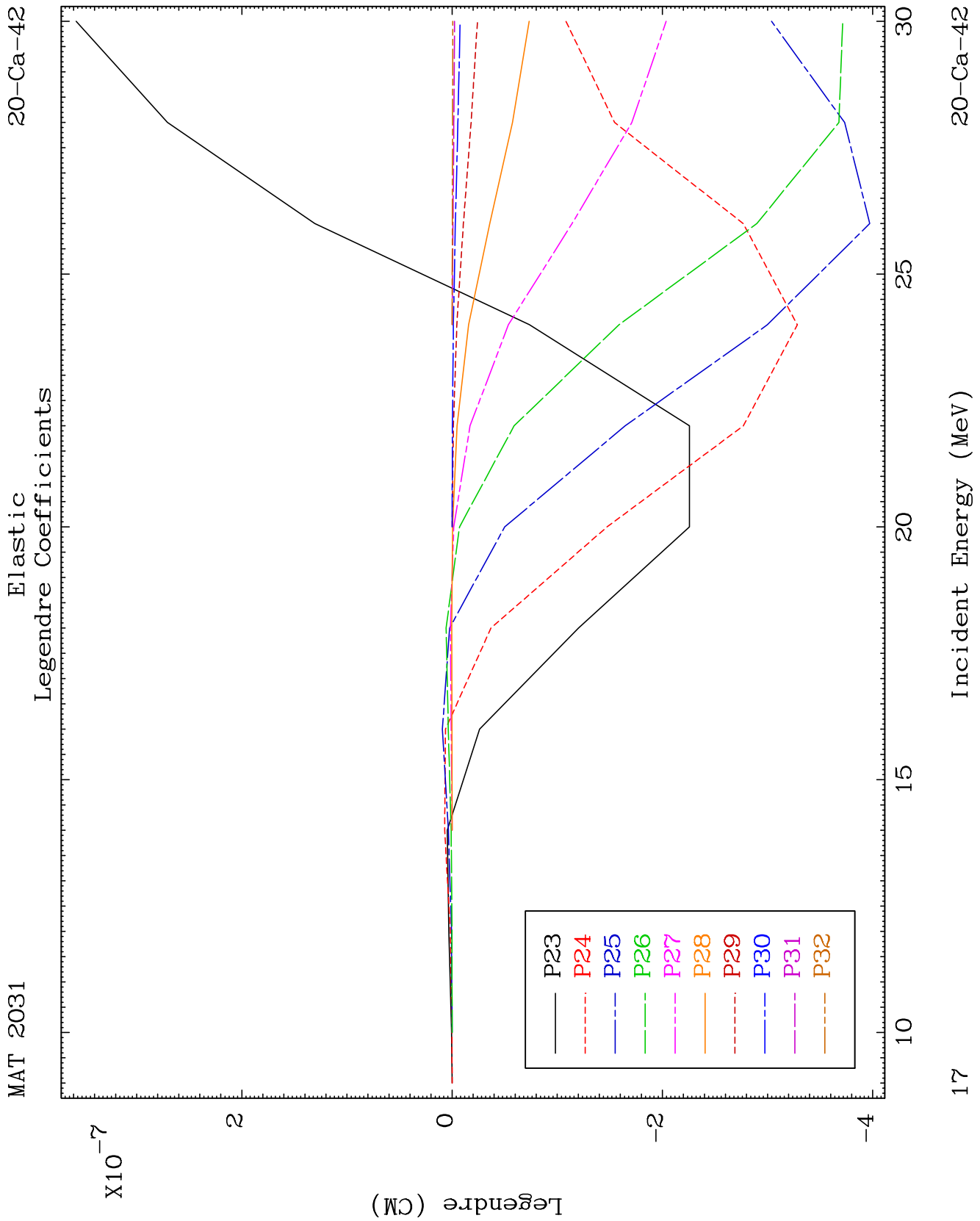
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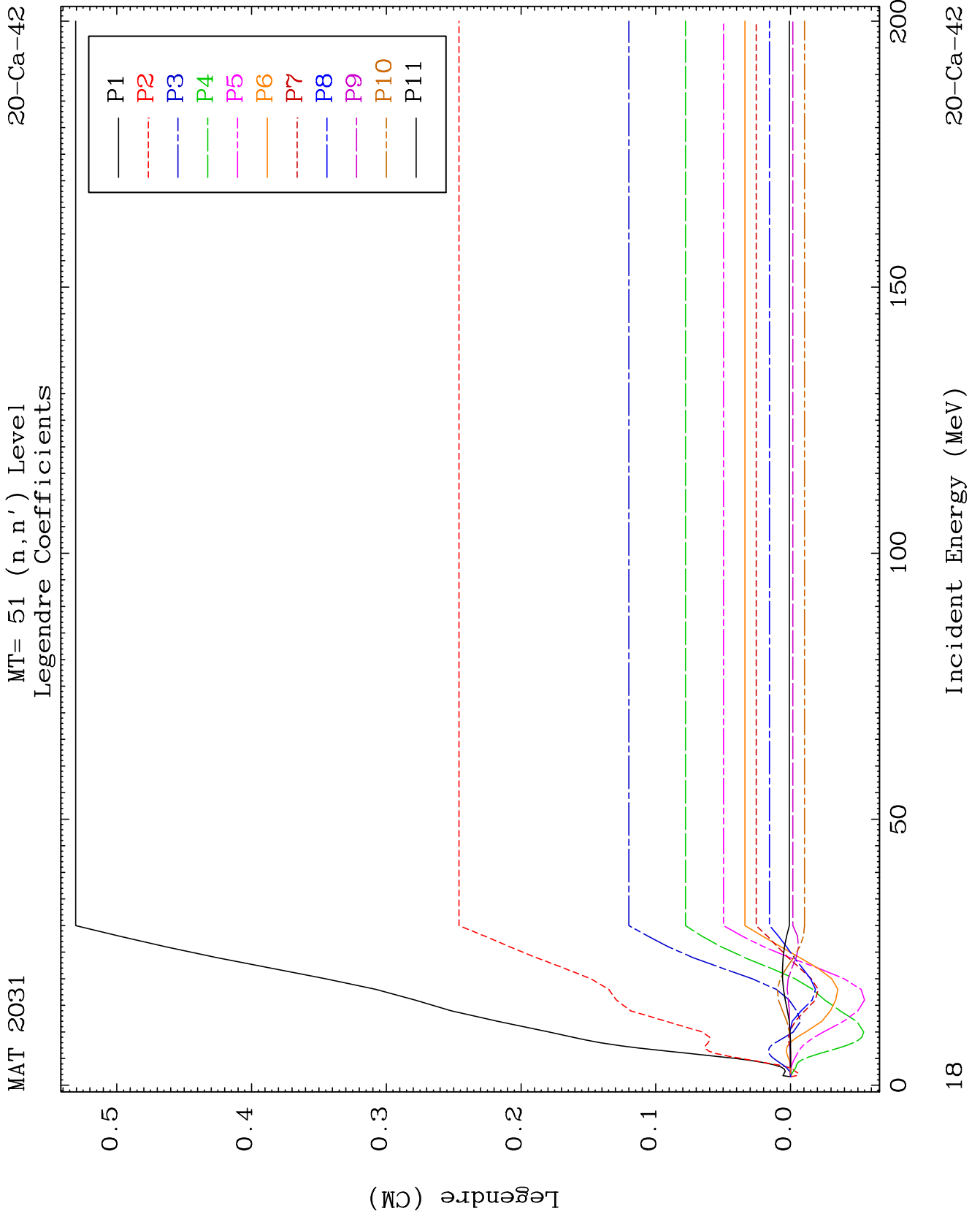
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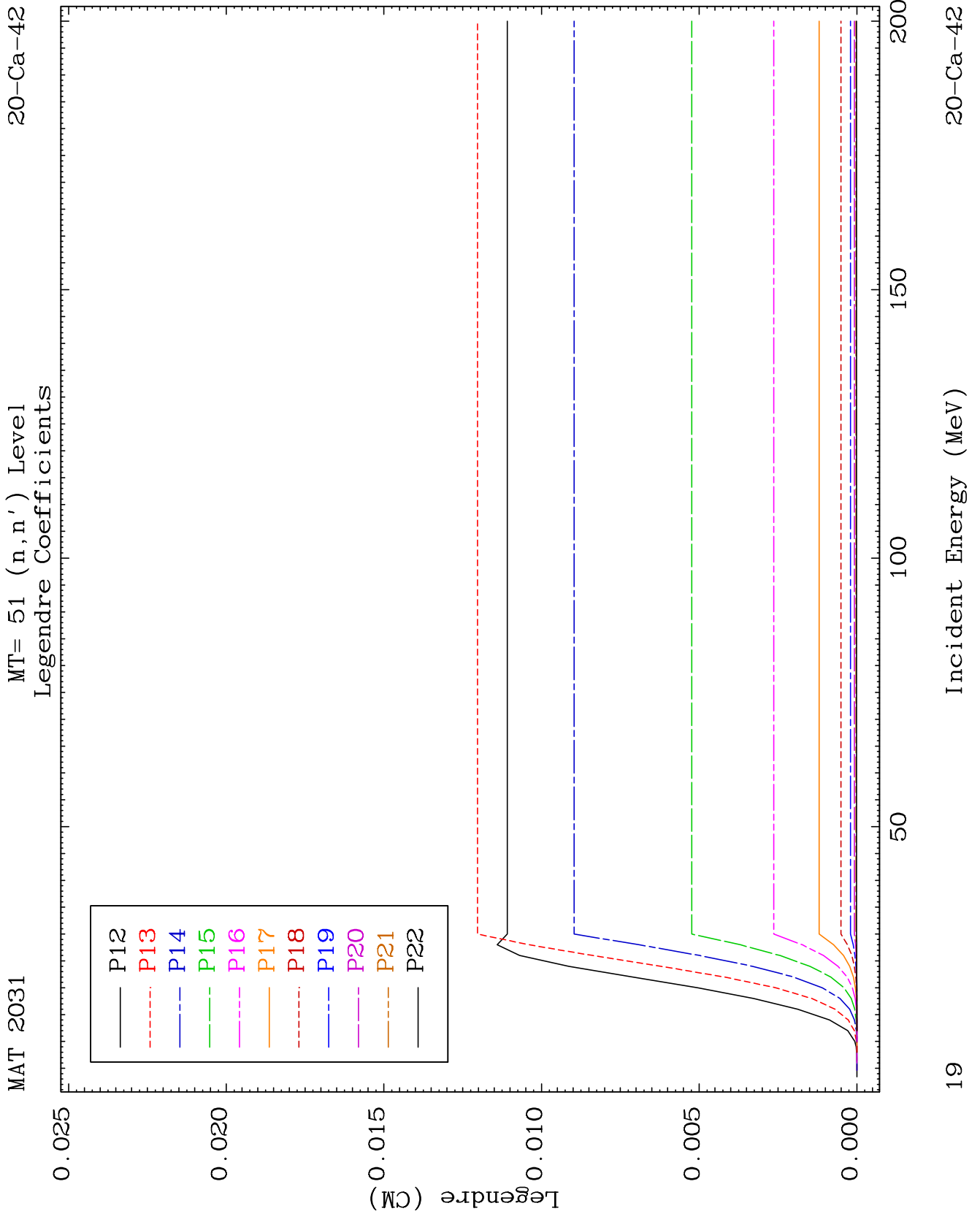


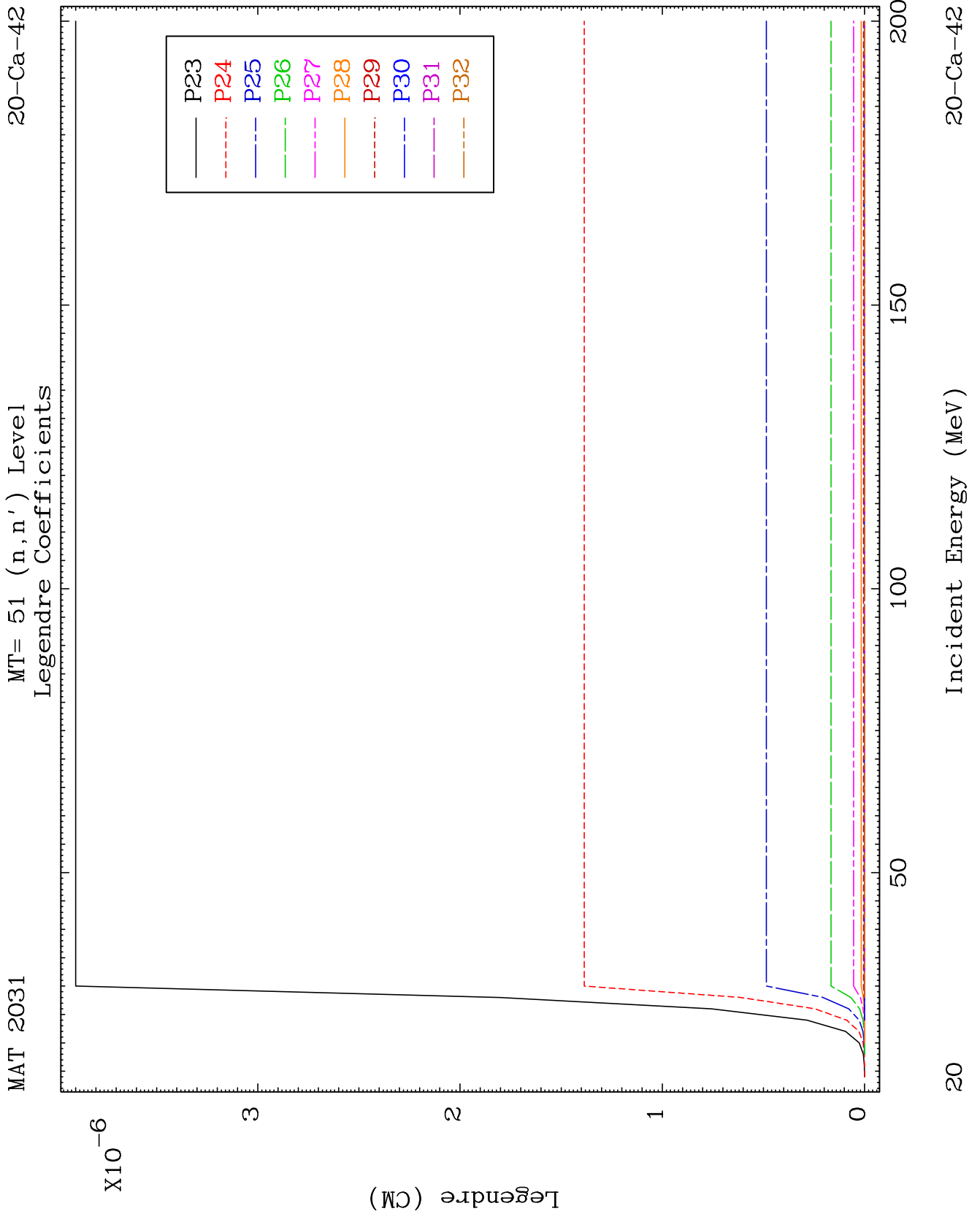


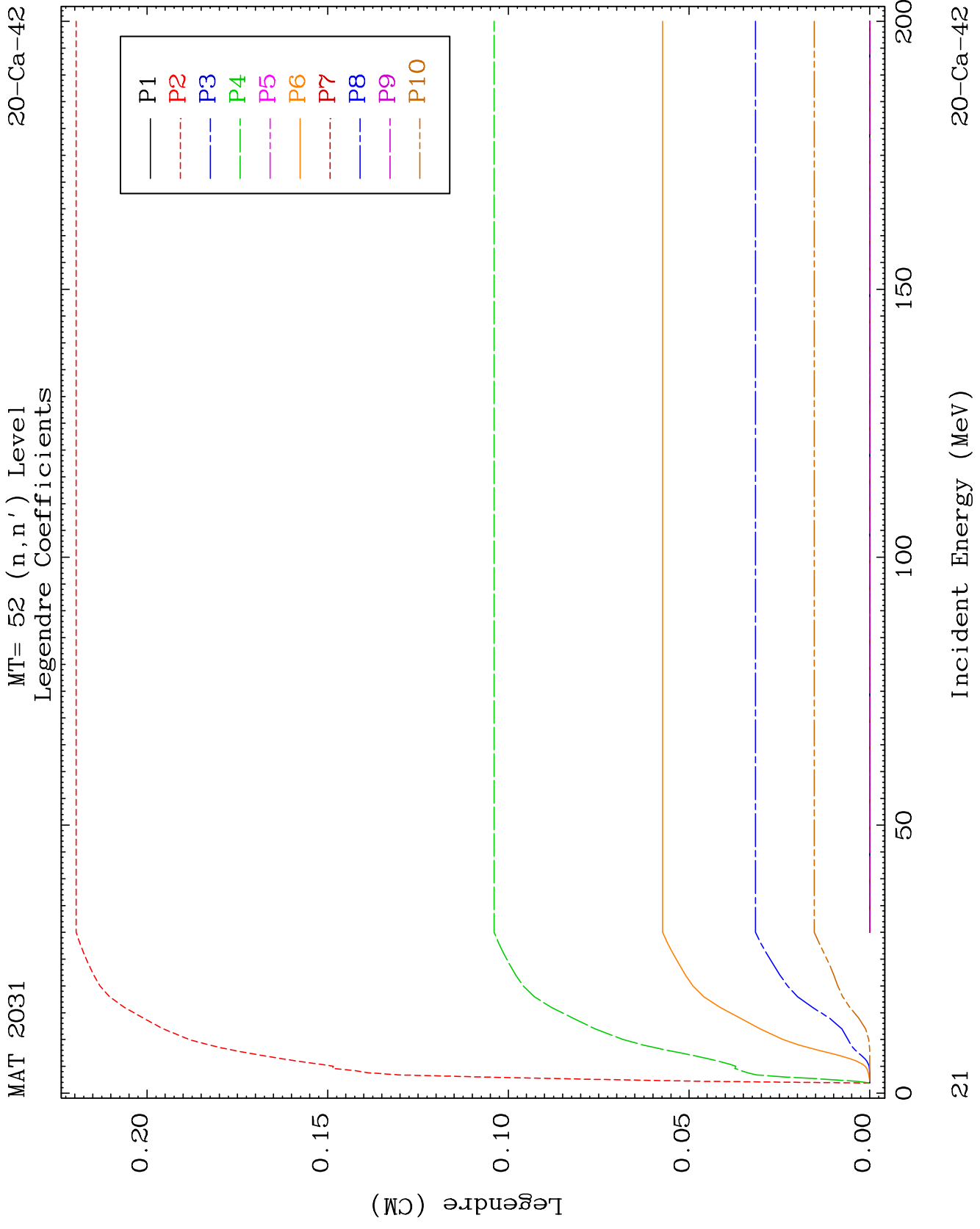


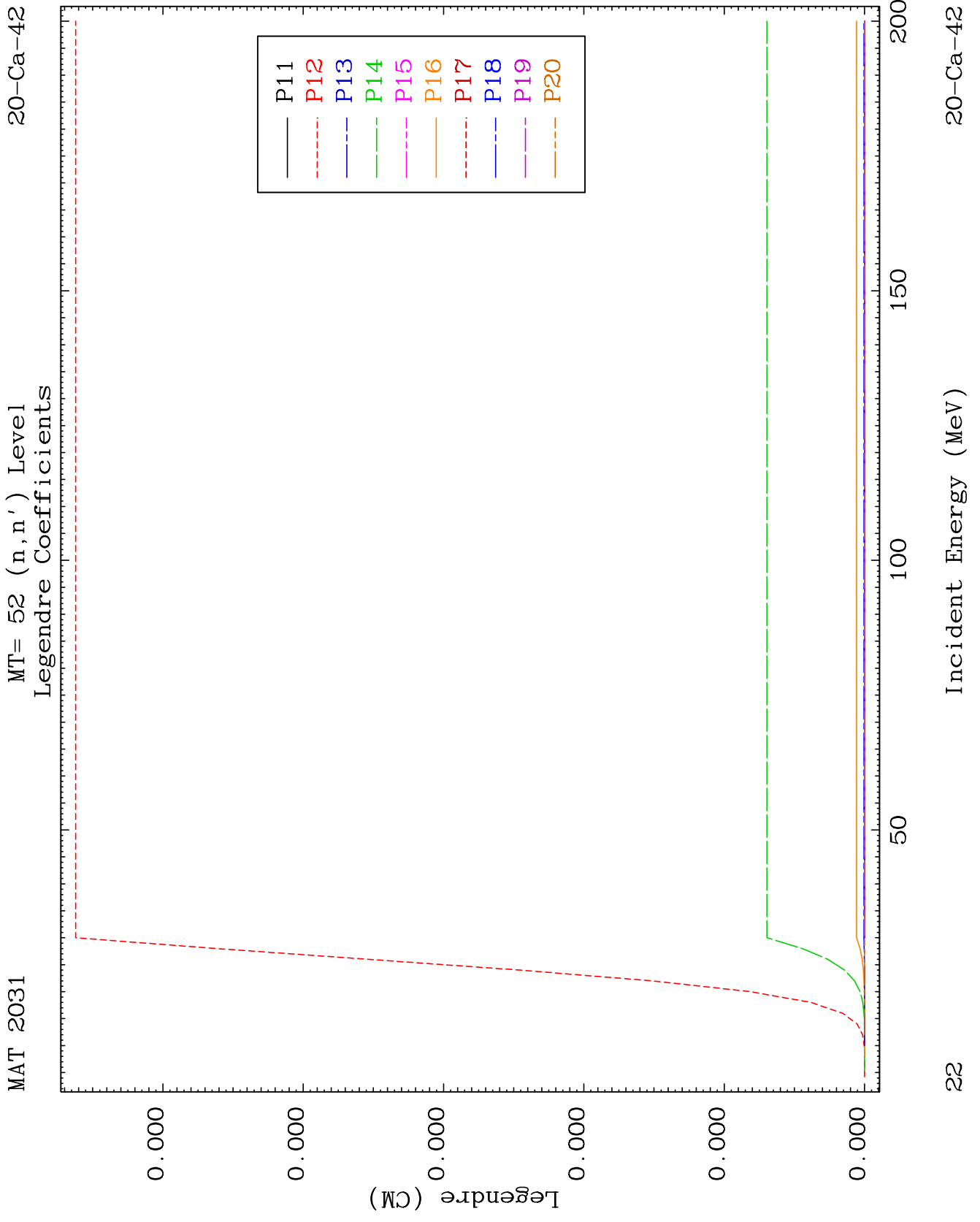


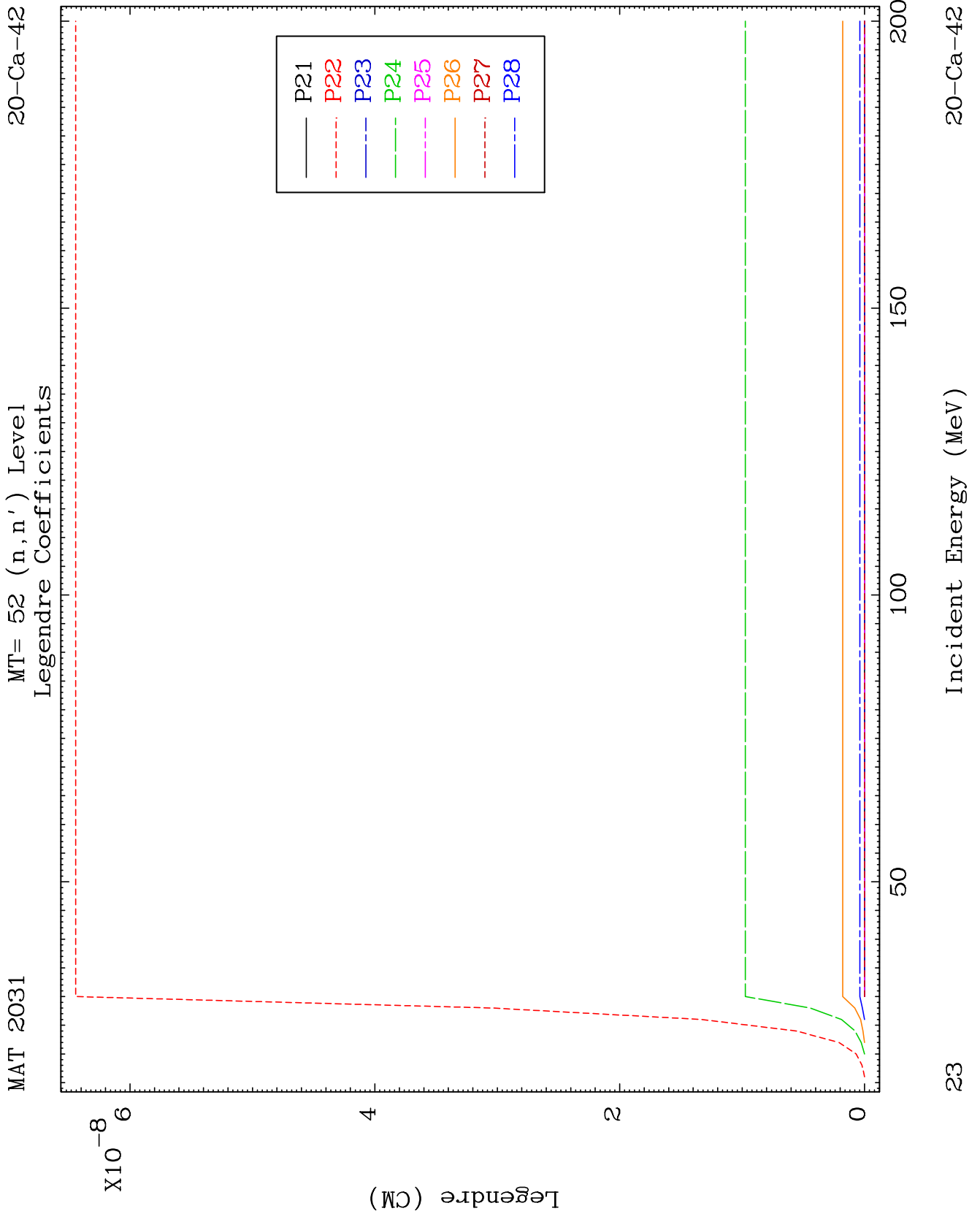


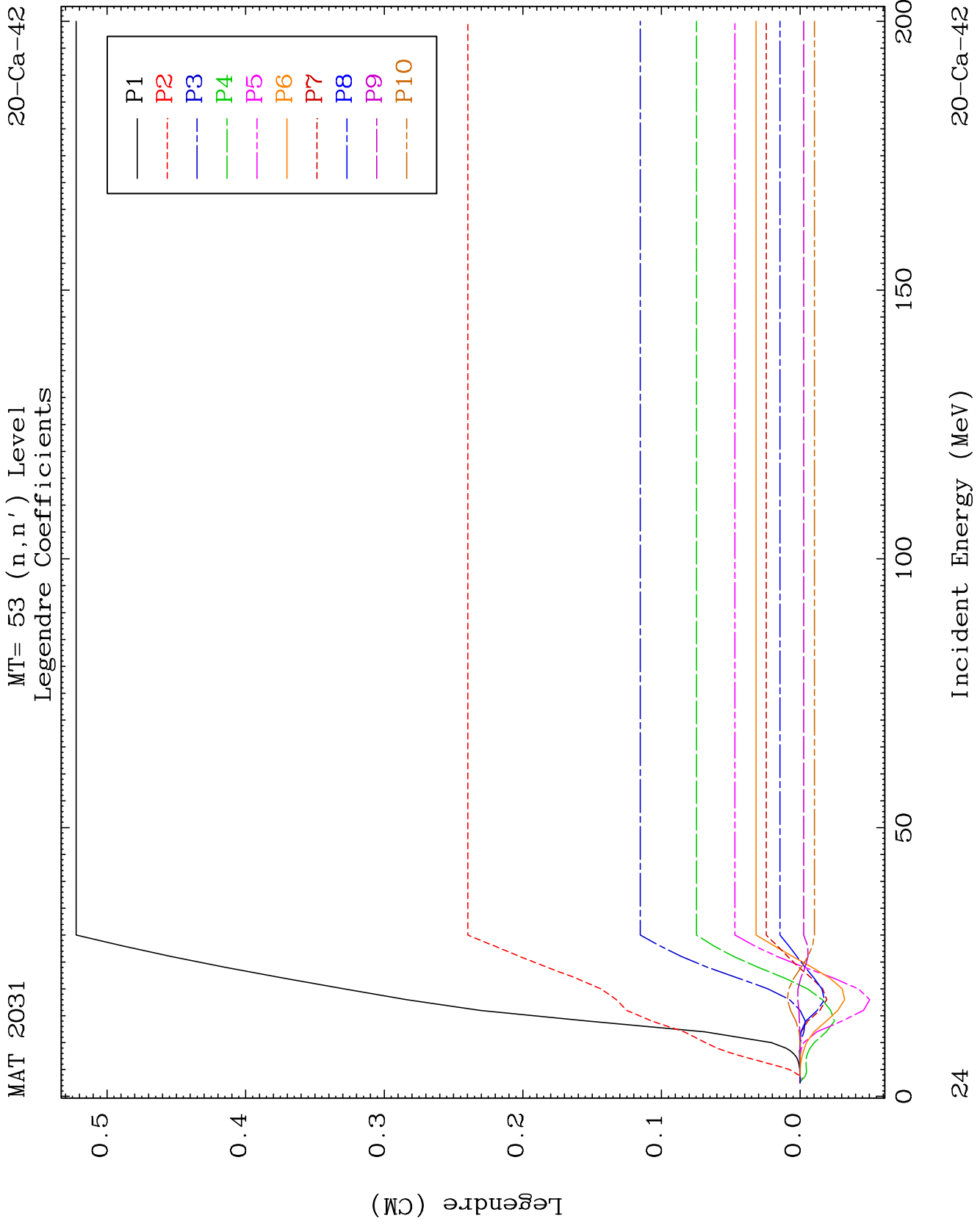








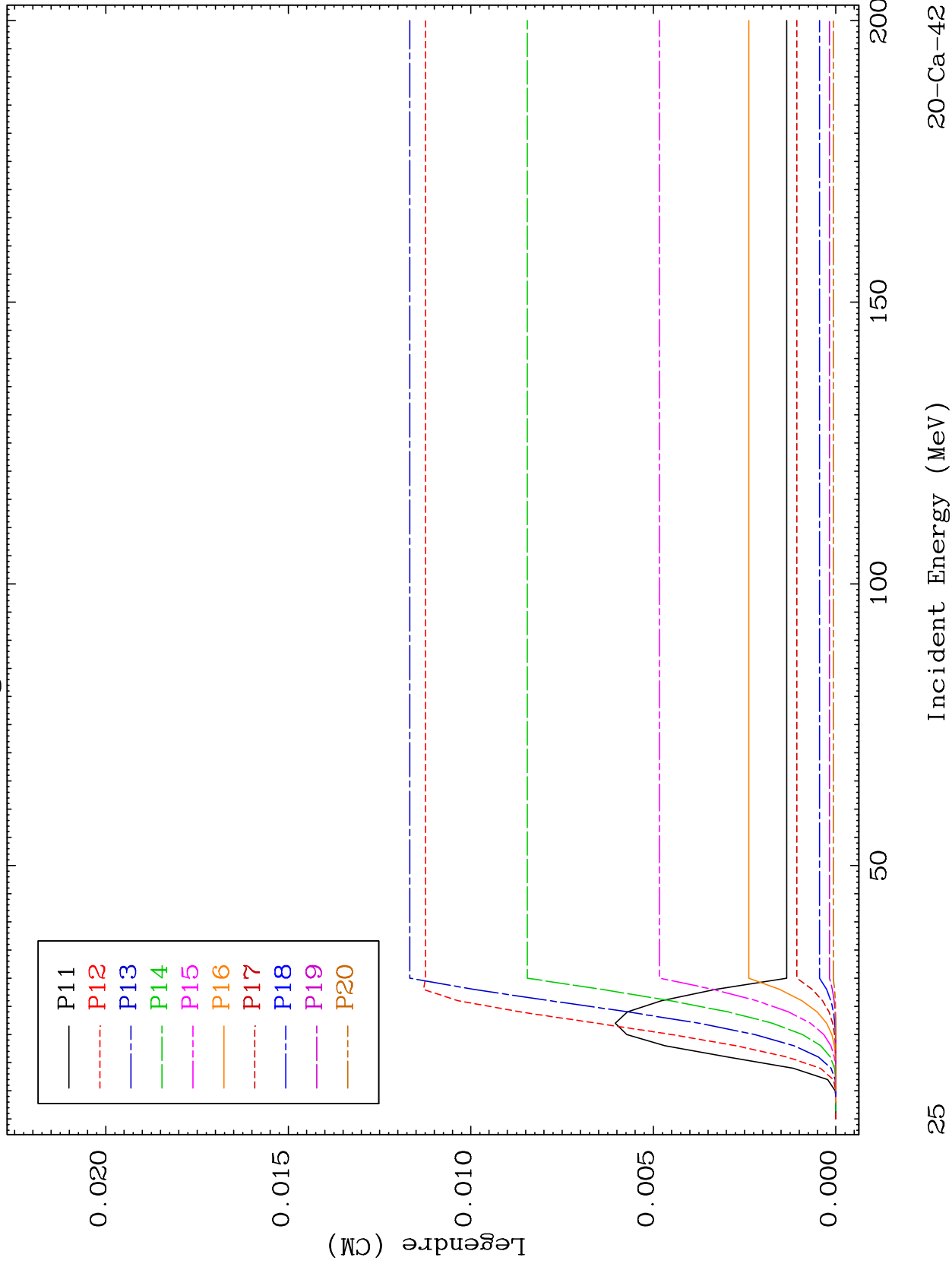




MAT 2031

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

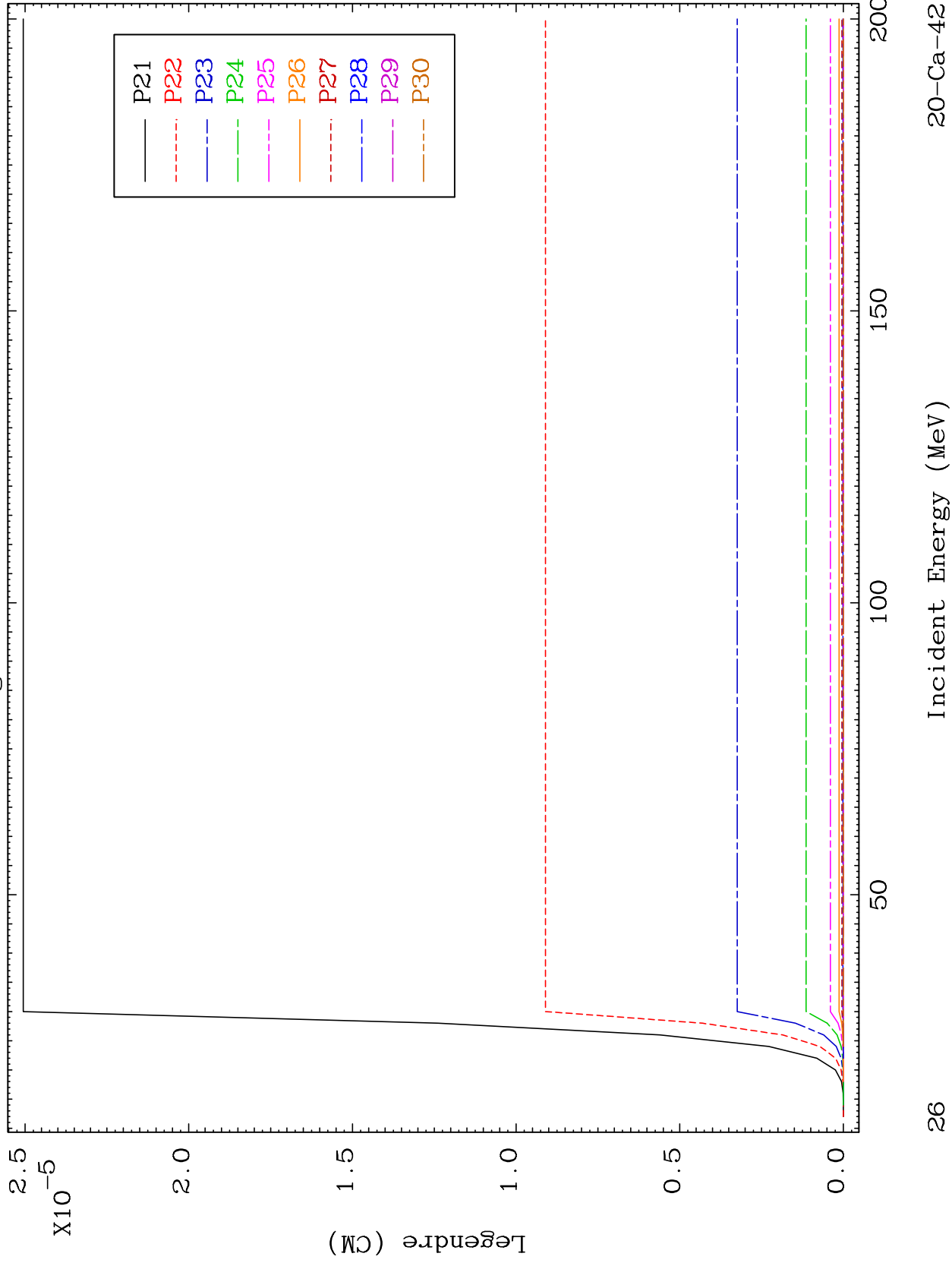
20-Ca-42



MAT 2031

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

20-Ca-42



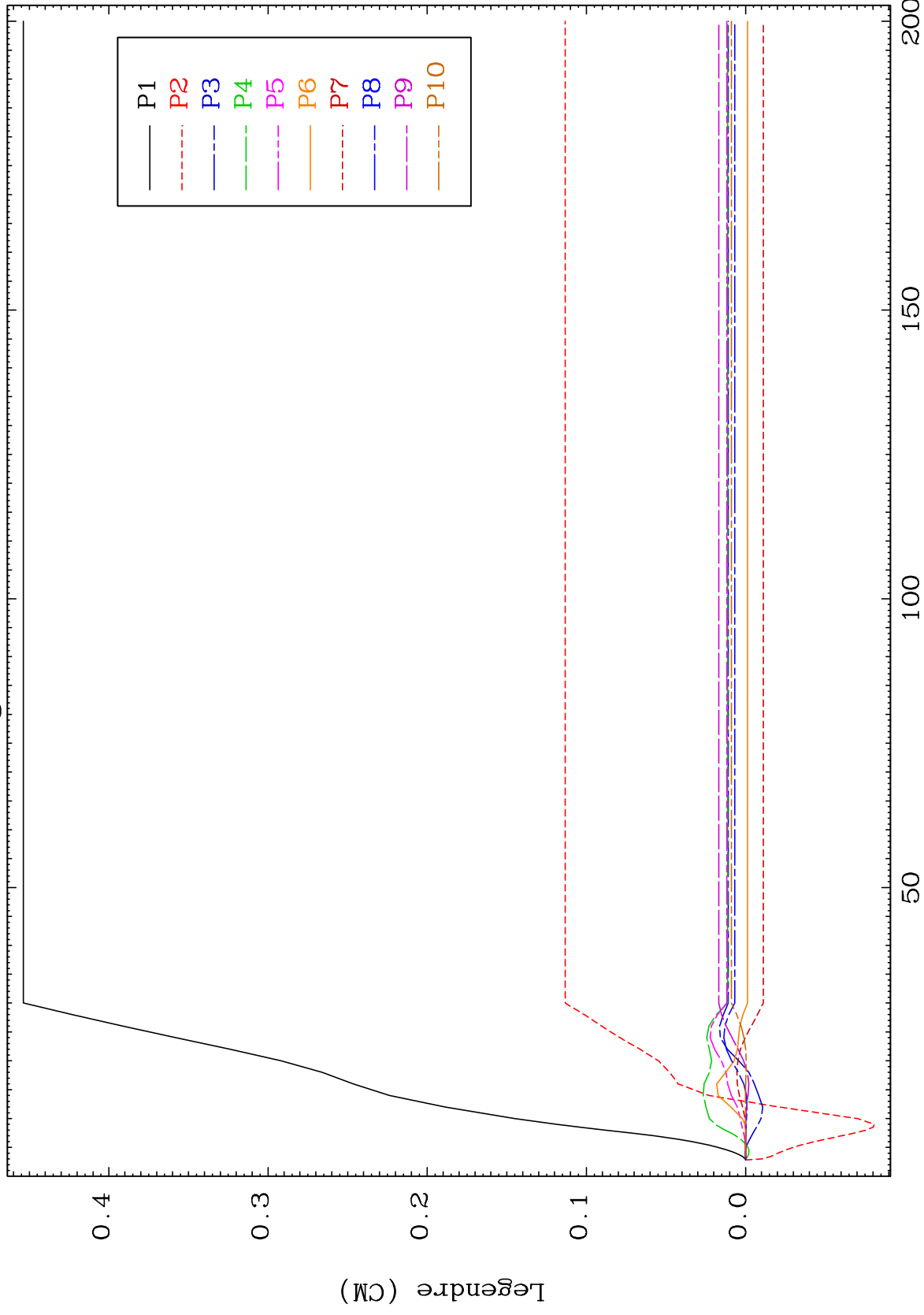
26

20-Ca-42

MAT 2031

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

20-Ca-42



27

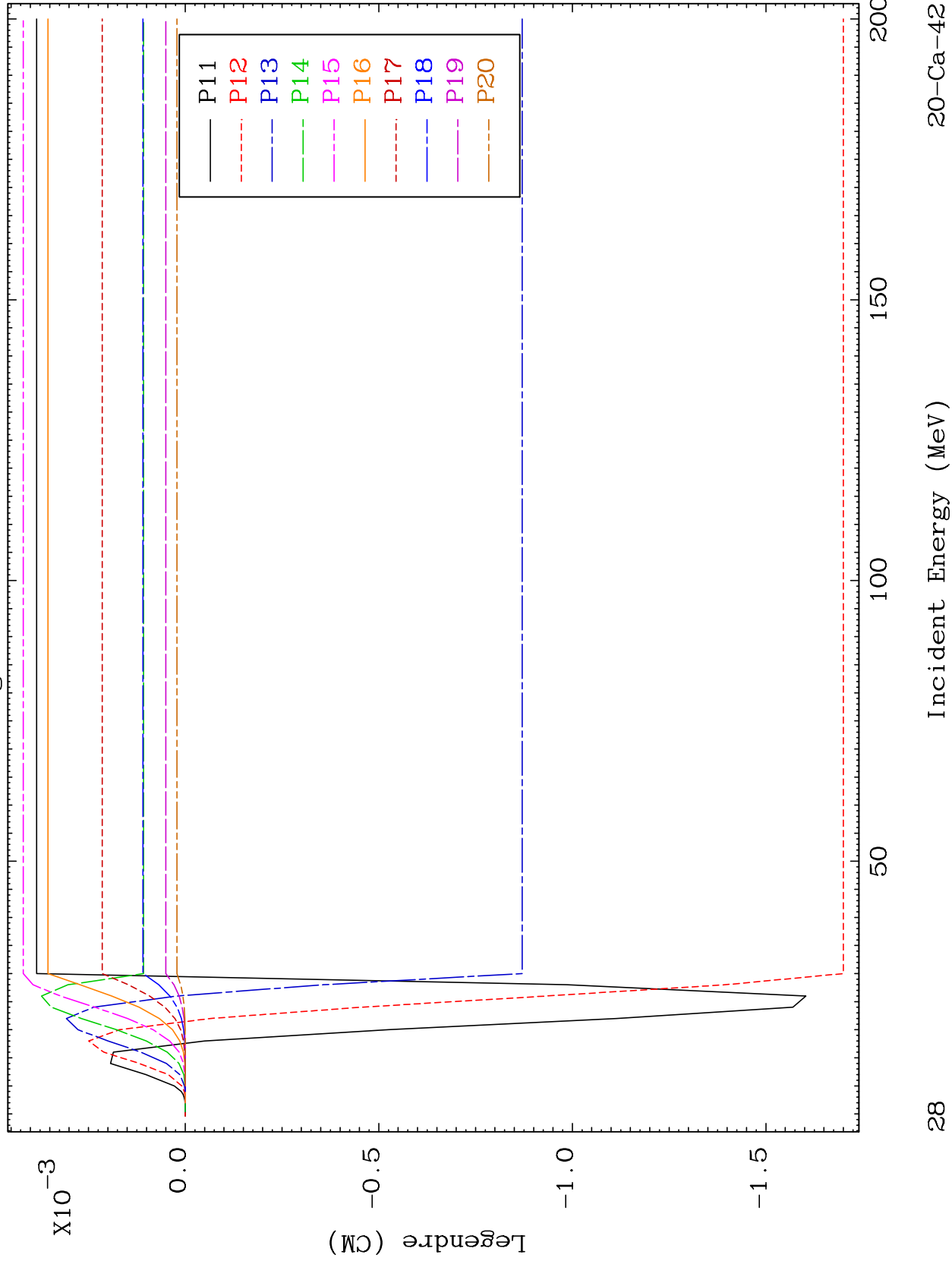
Incident Energy (MeV)

20-Ca-42

MAT 2031

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

20-Ca-42



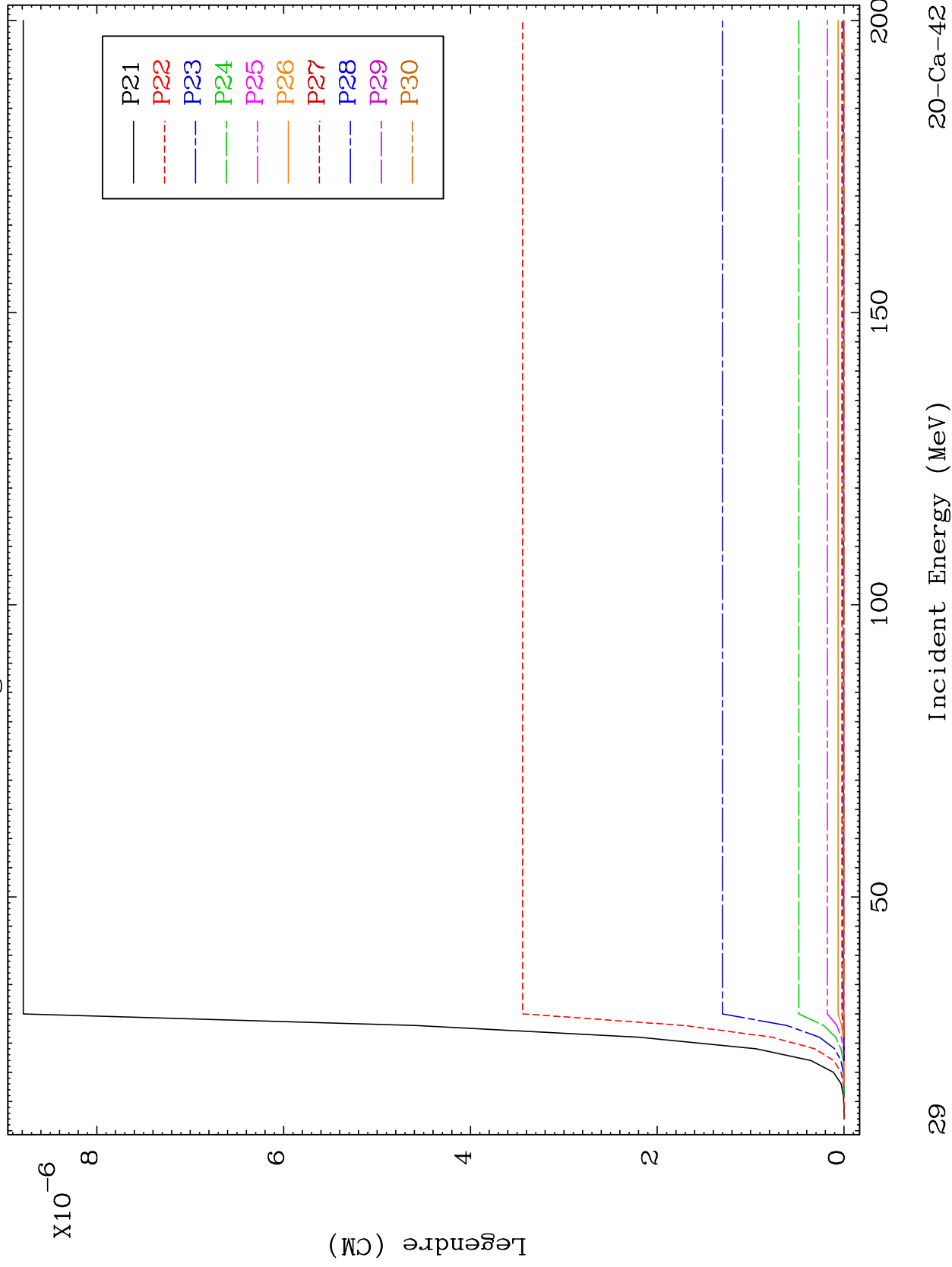
28

20-Ca-42

MAT 2031

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

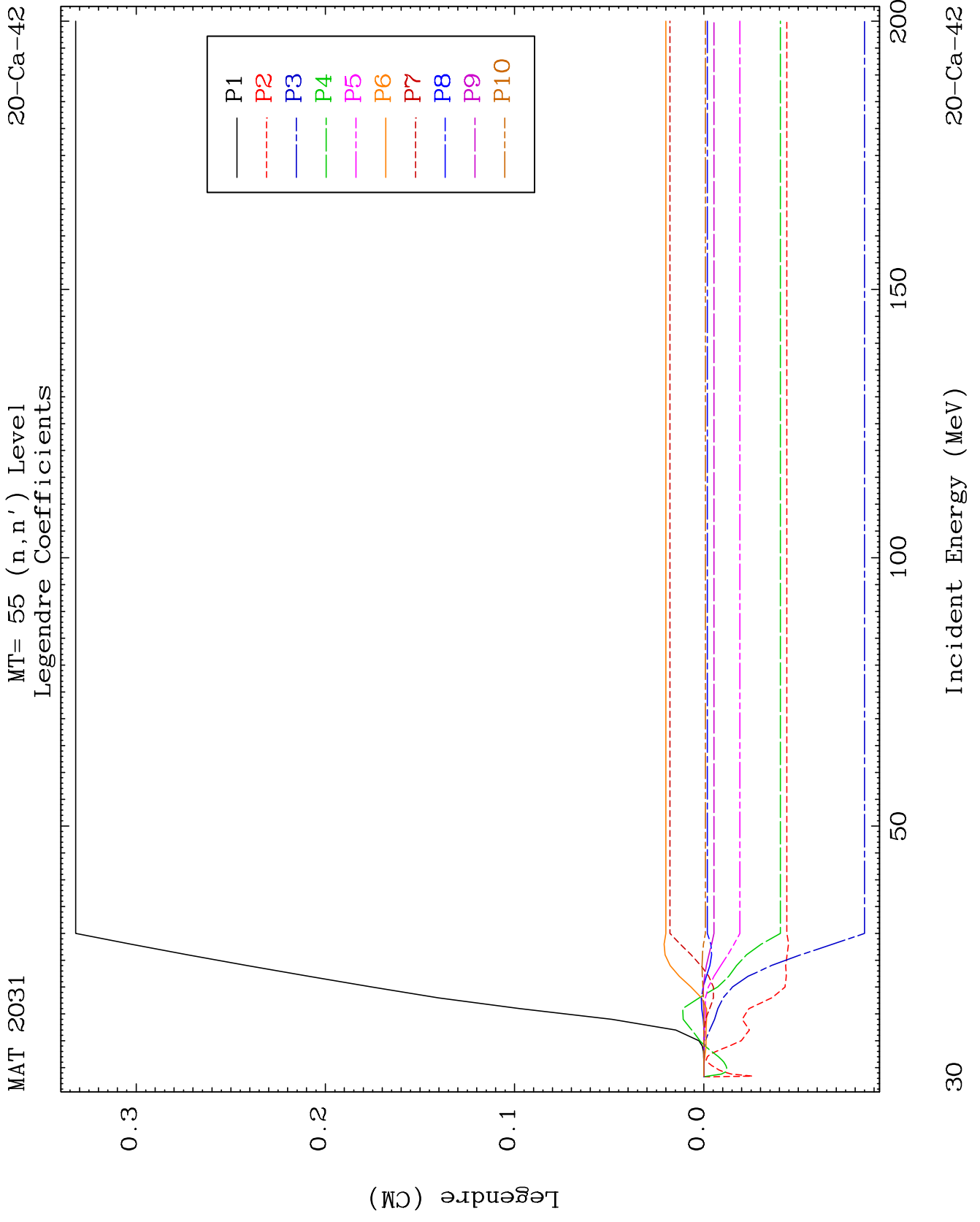
20-Ca-42



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Incident Energy (MeV)

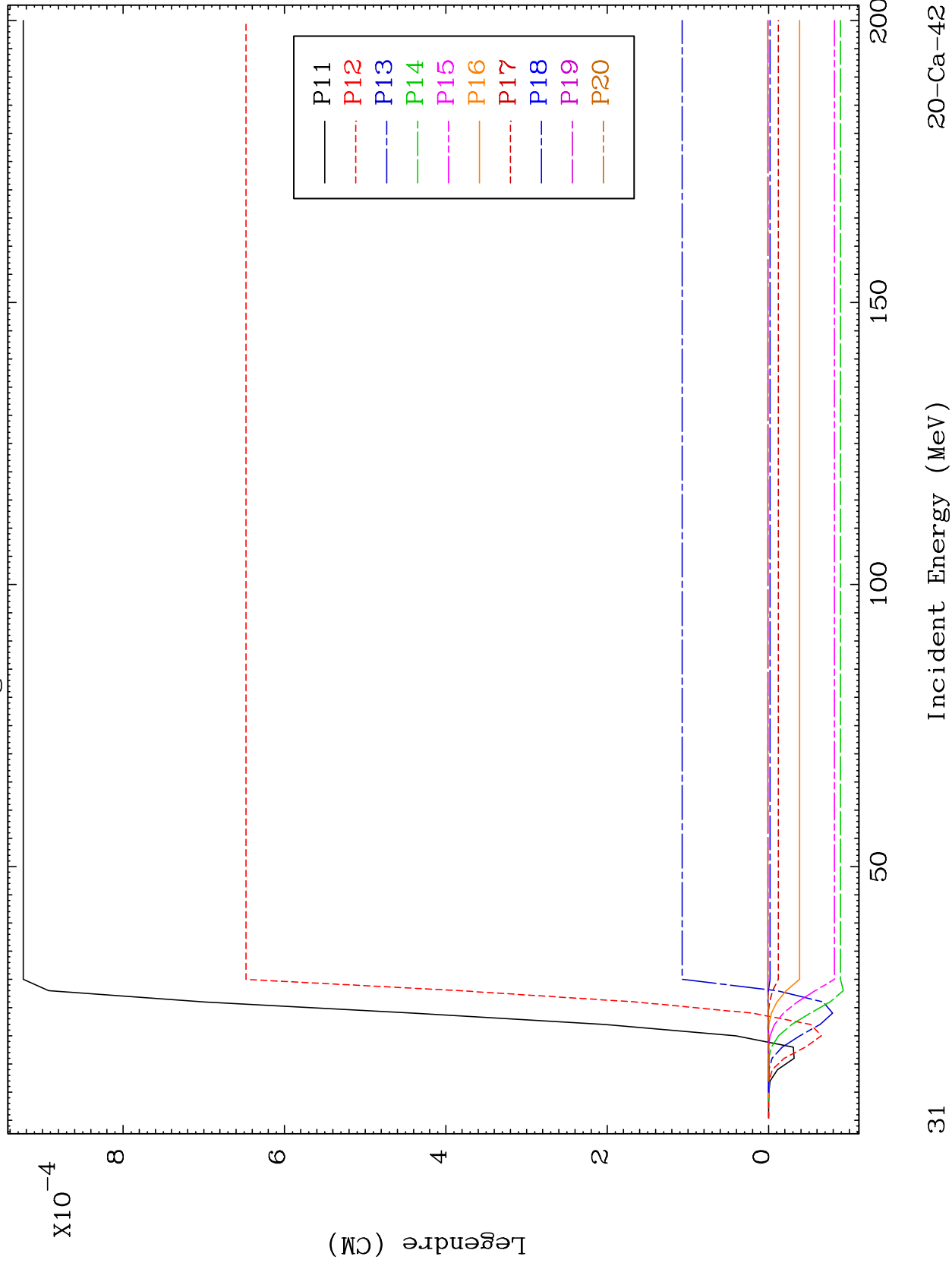
20-Ca-42



MAT 2031

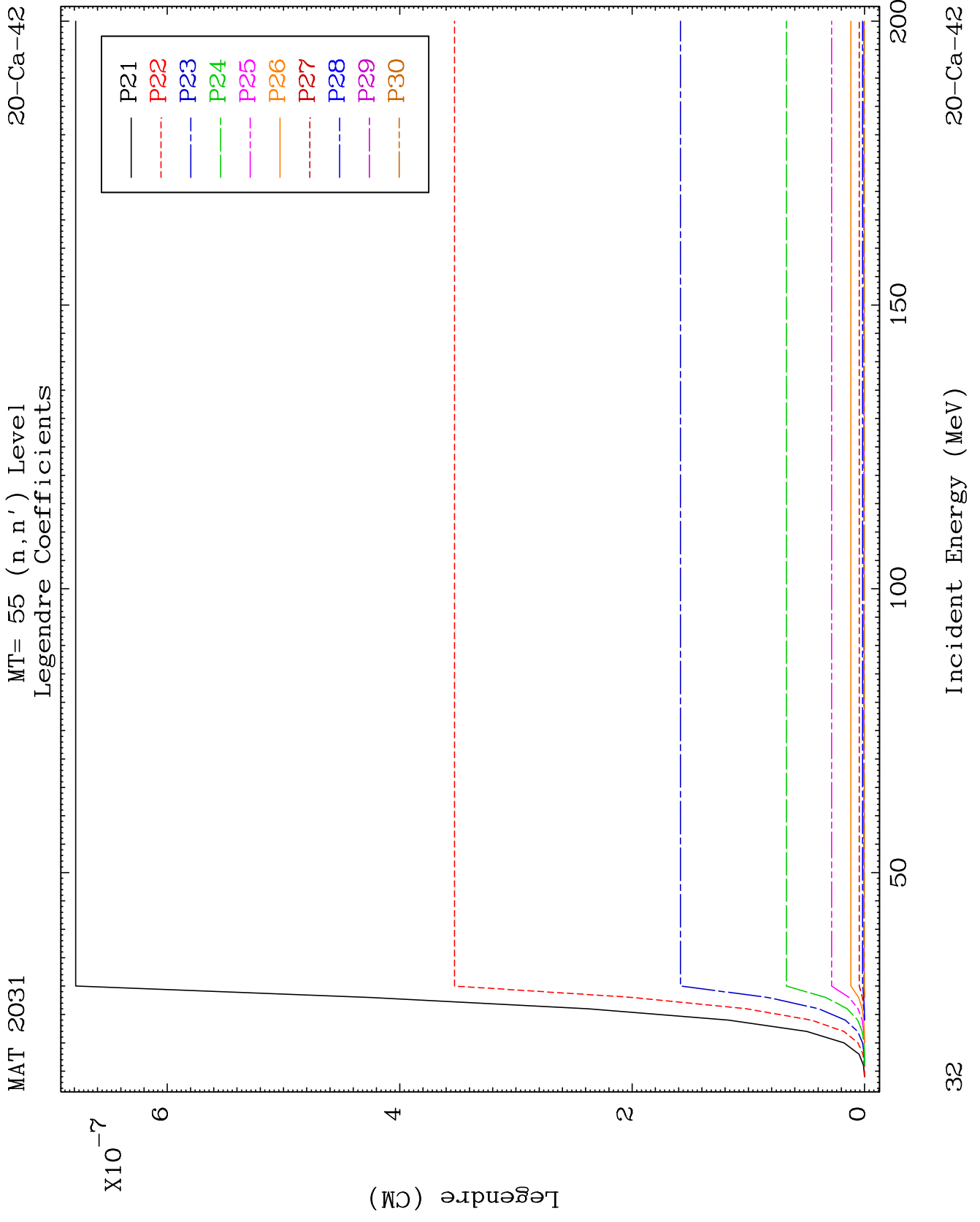
MT= 55 (n,n') Level
Legendre Coefficients

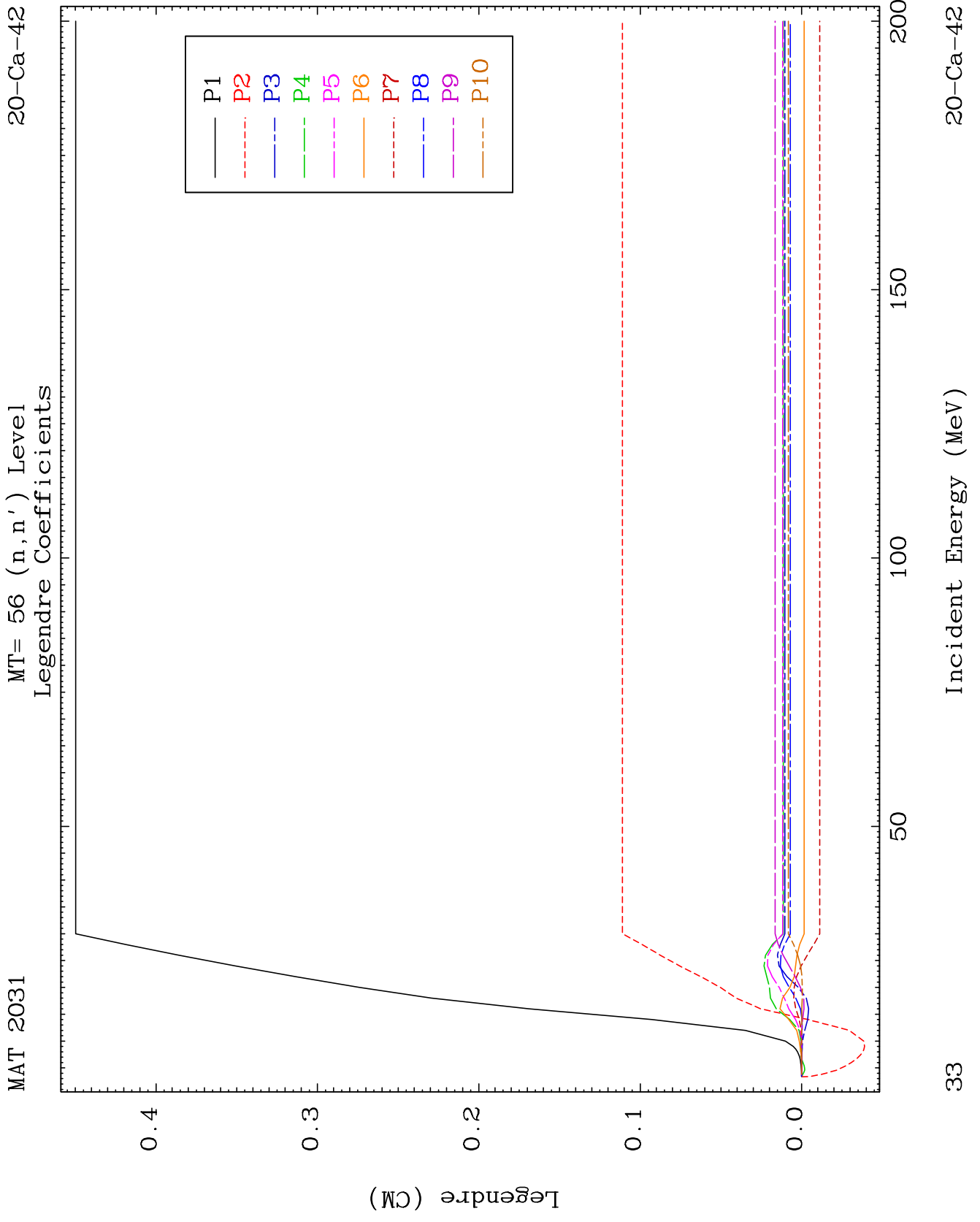
20-Ca-42

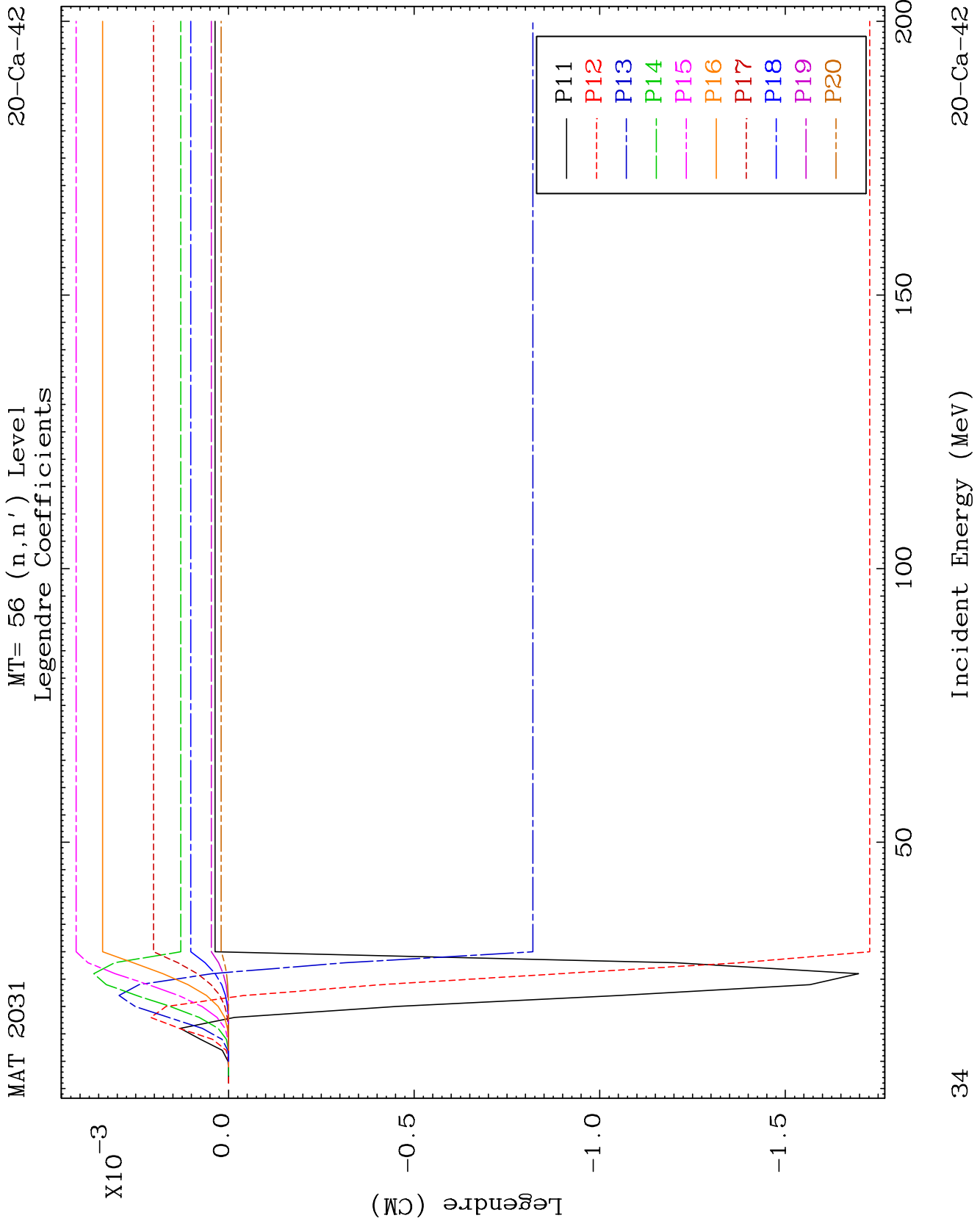


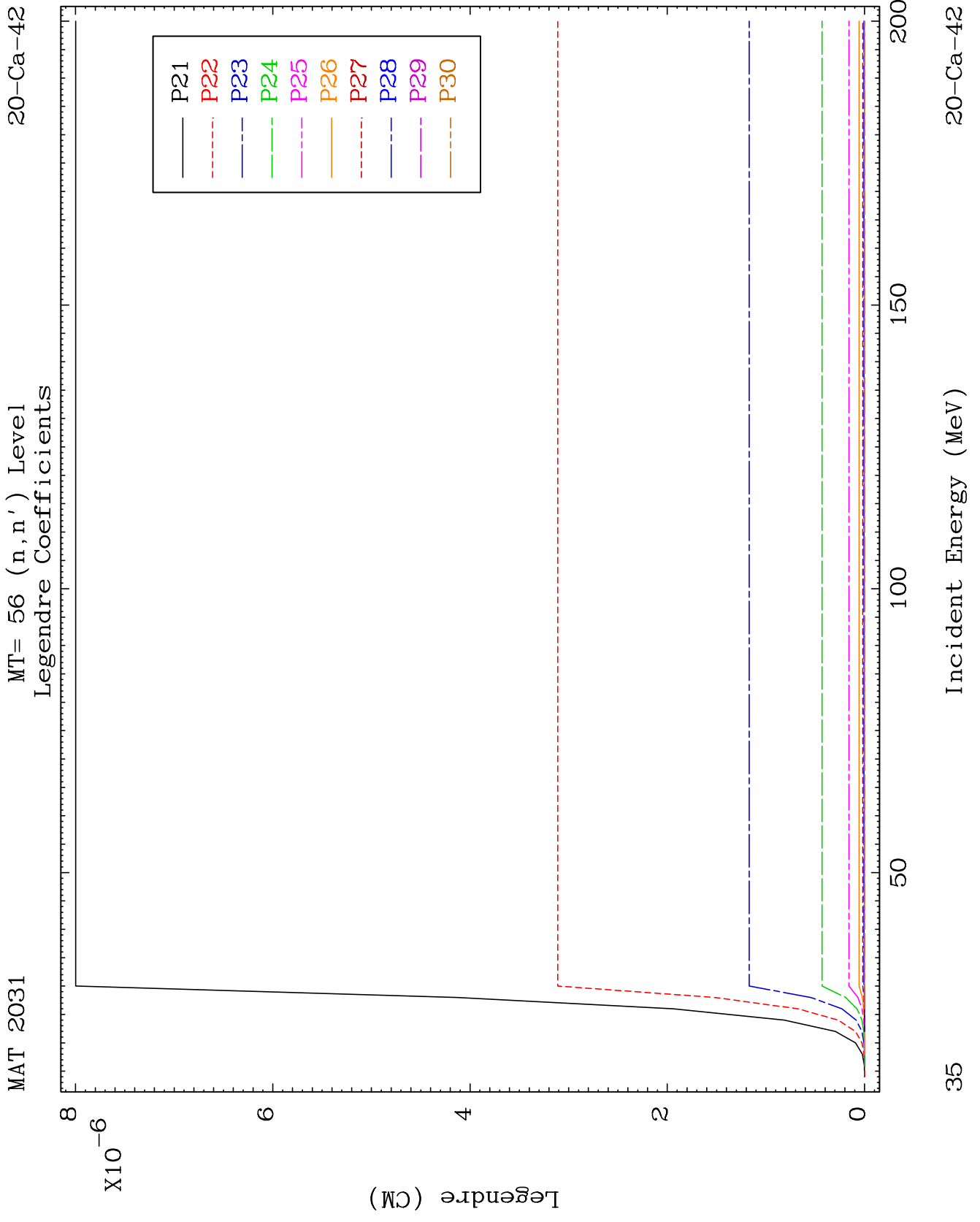
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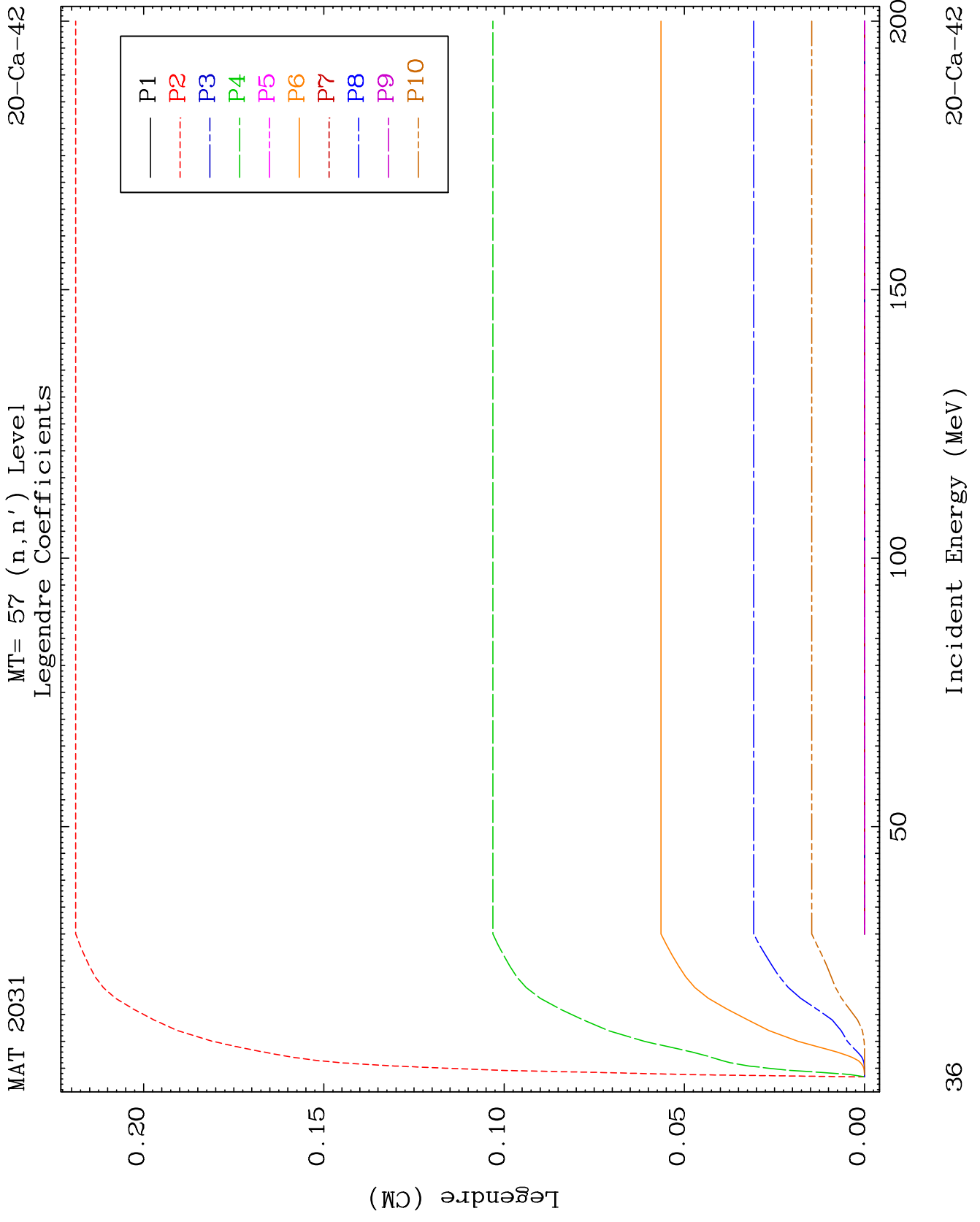
20-Ca-42

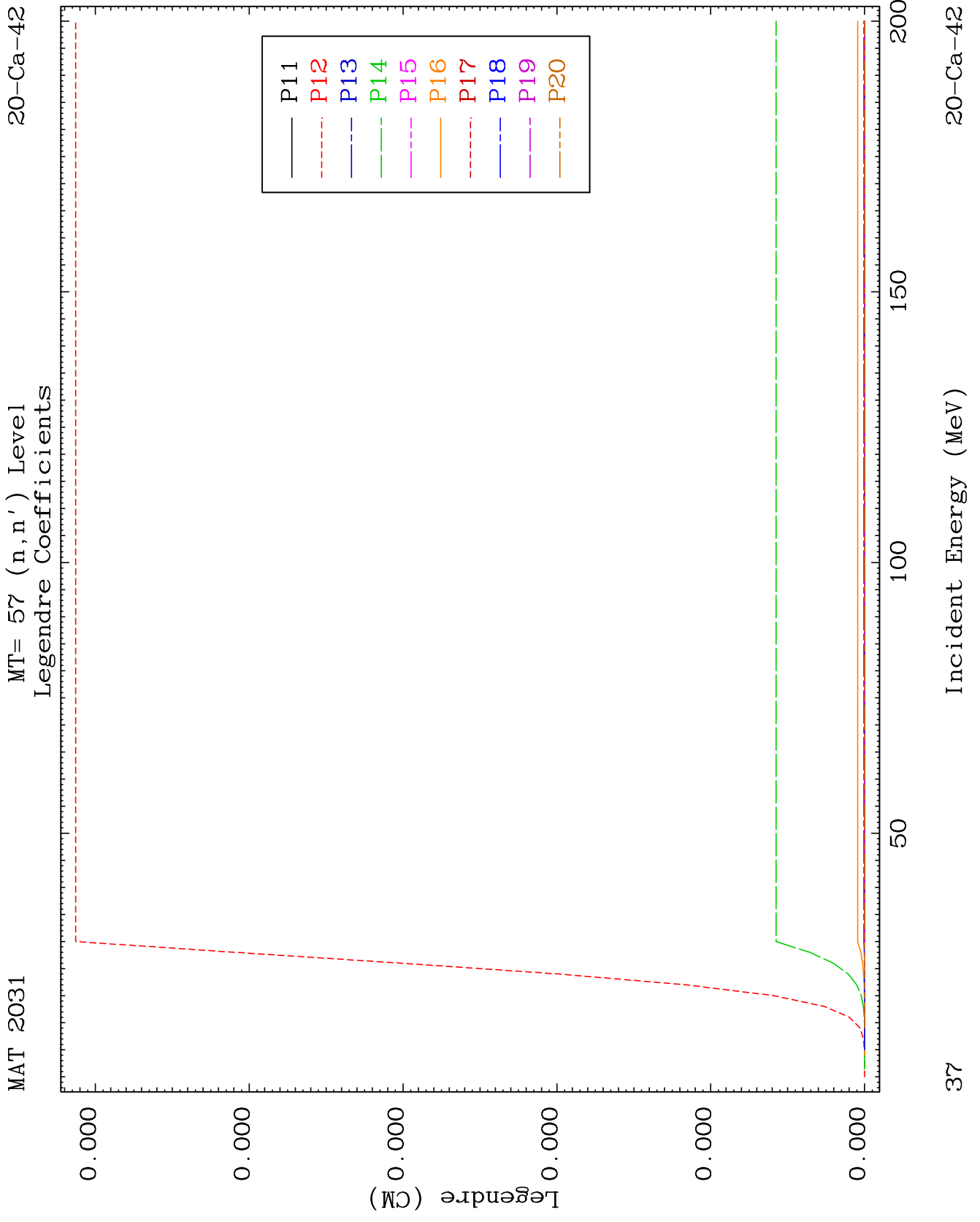


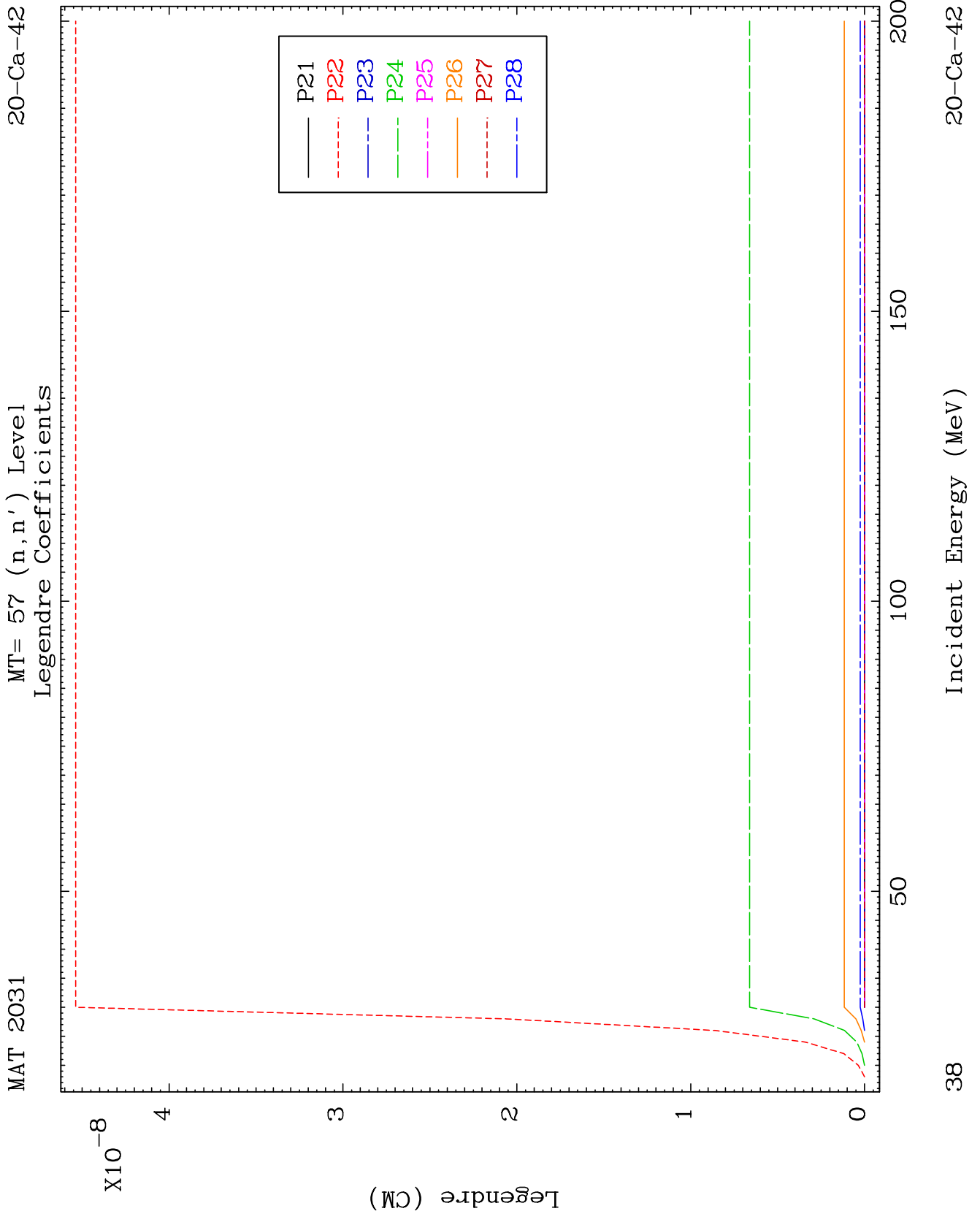


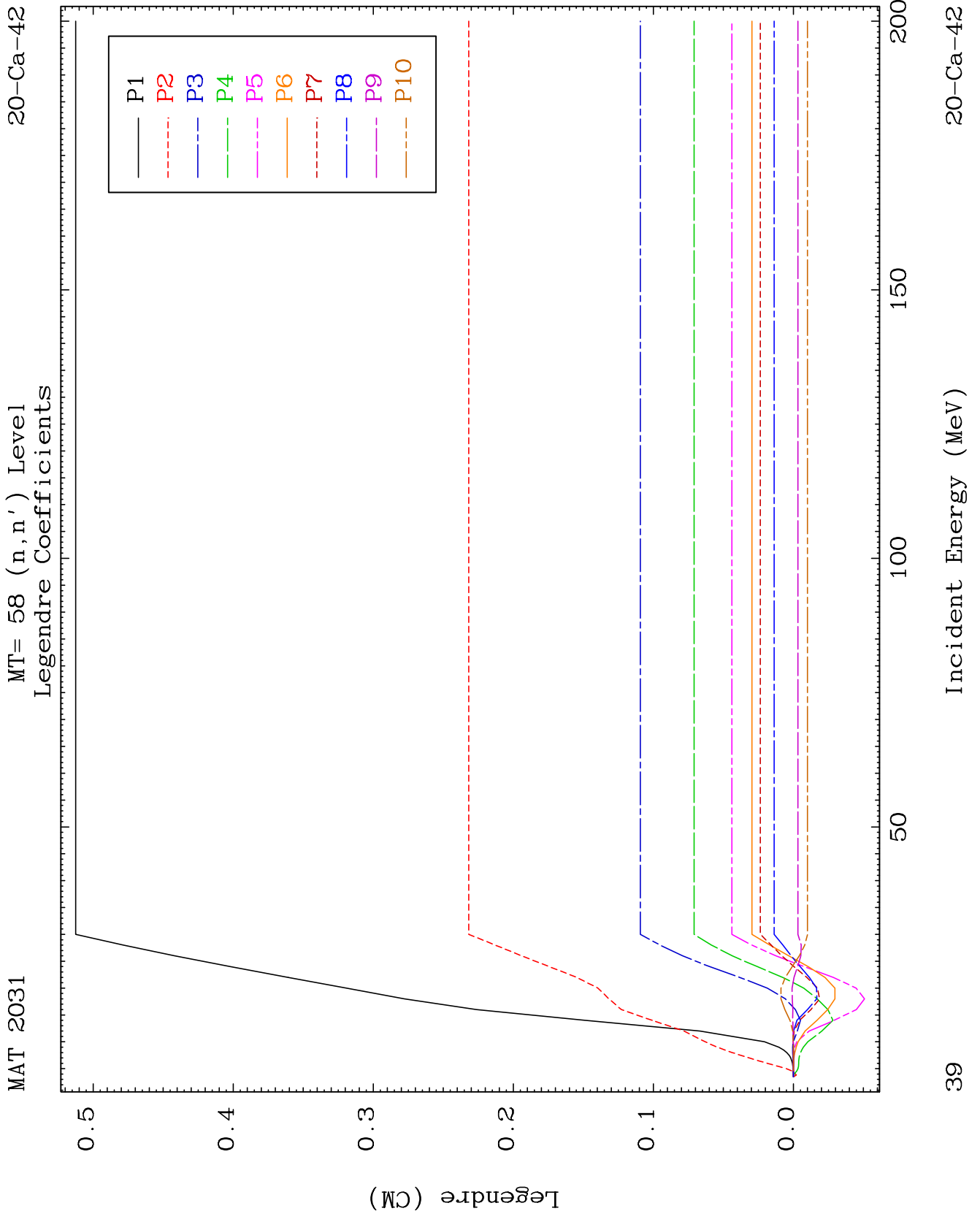








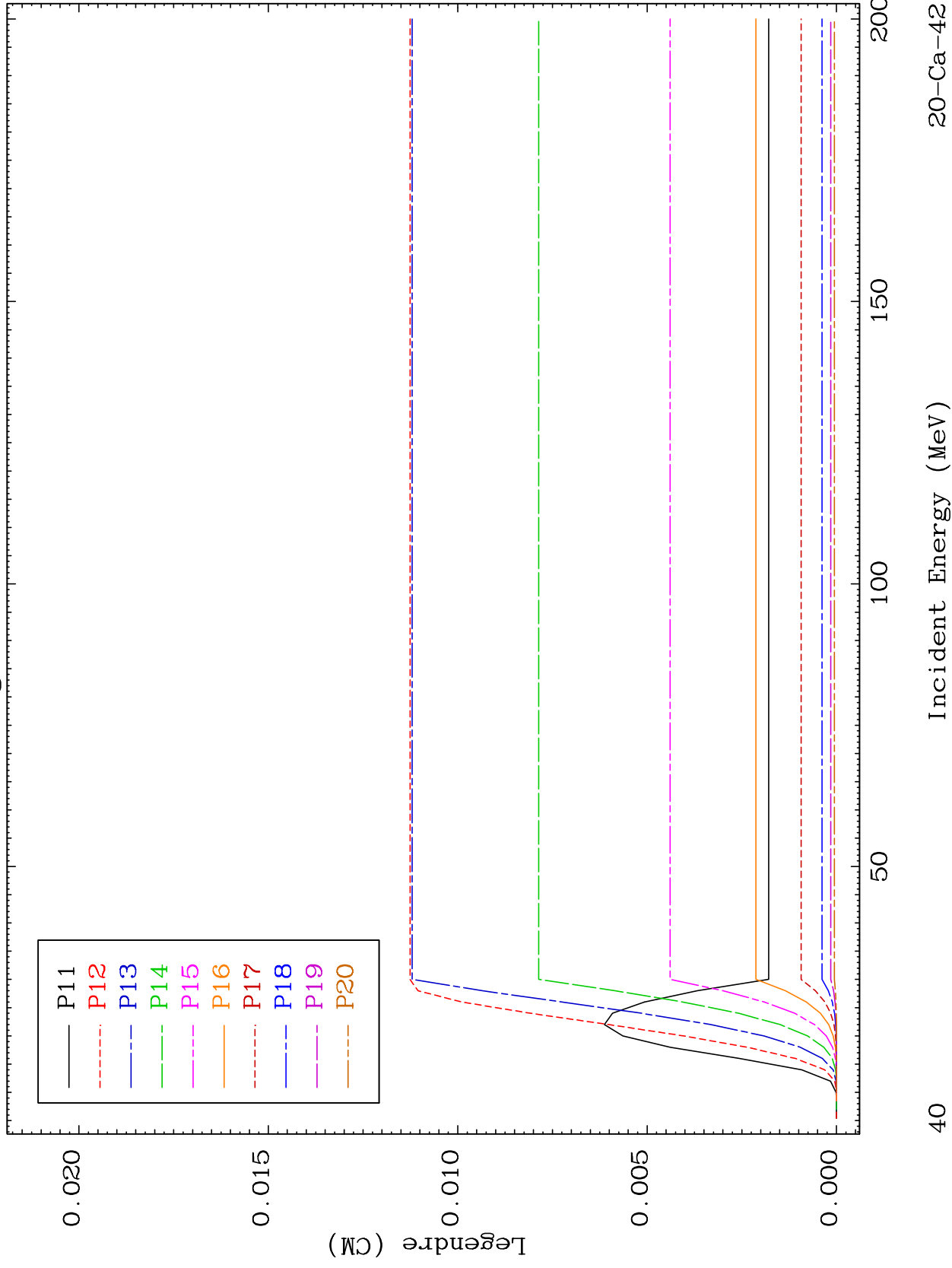


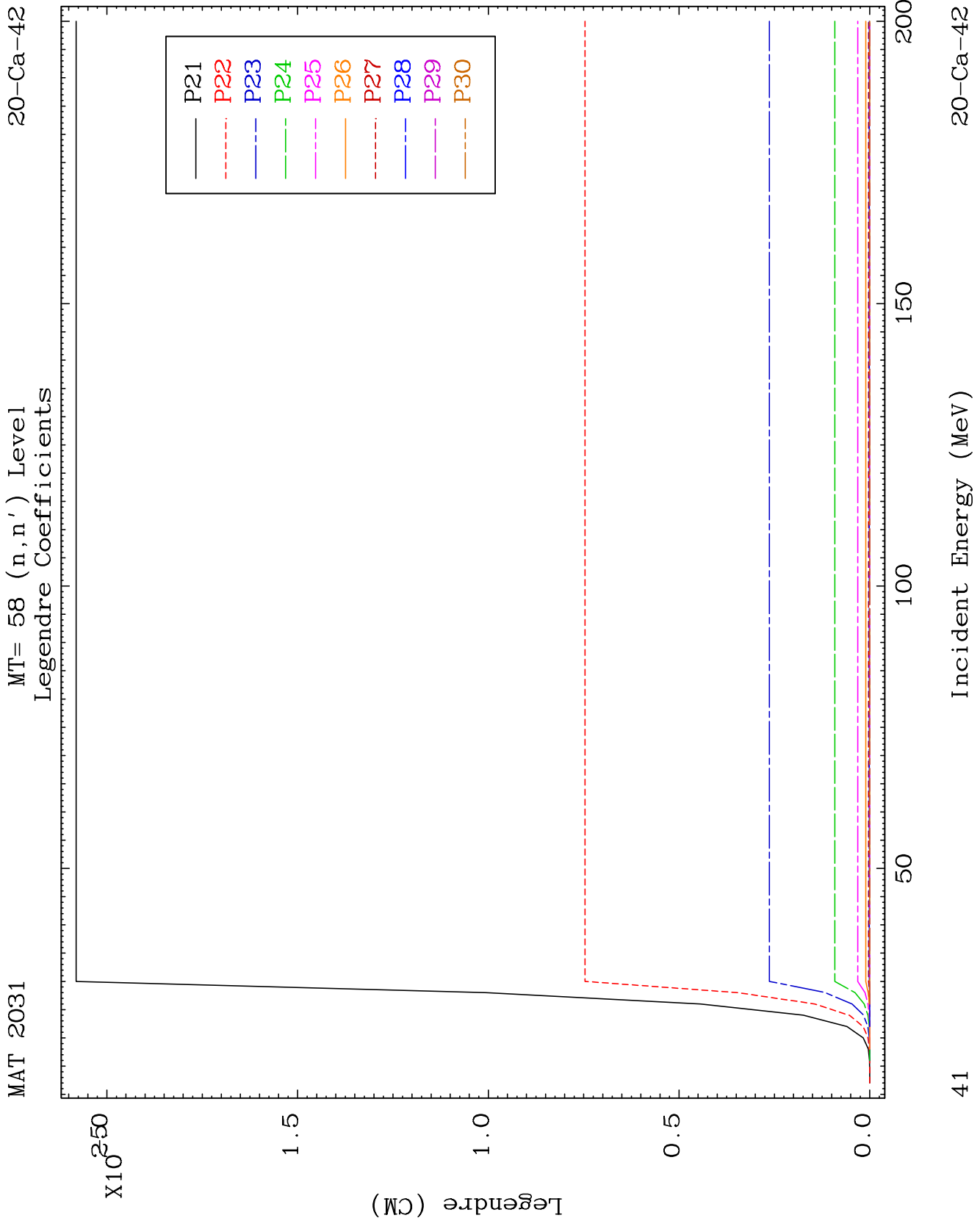


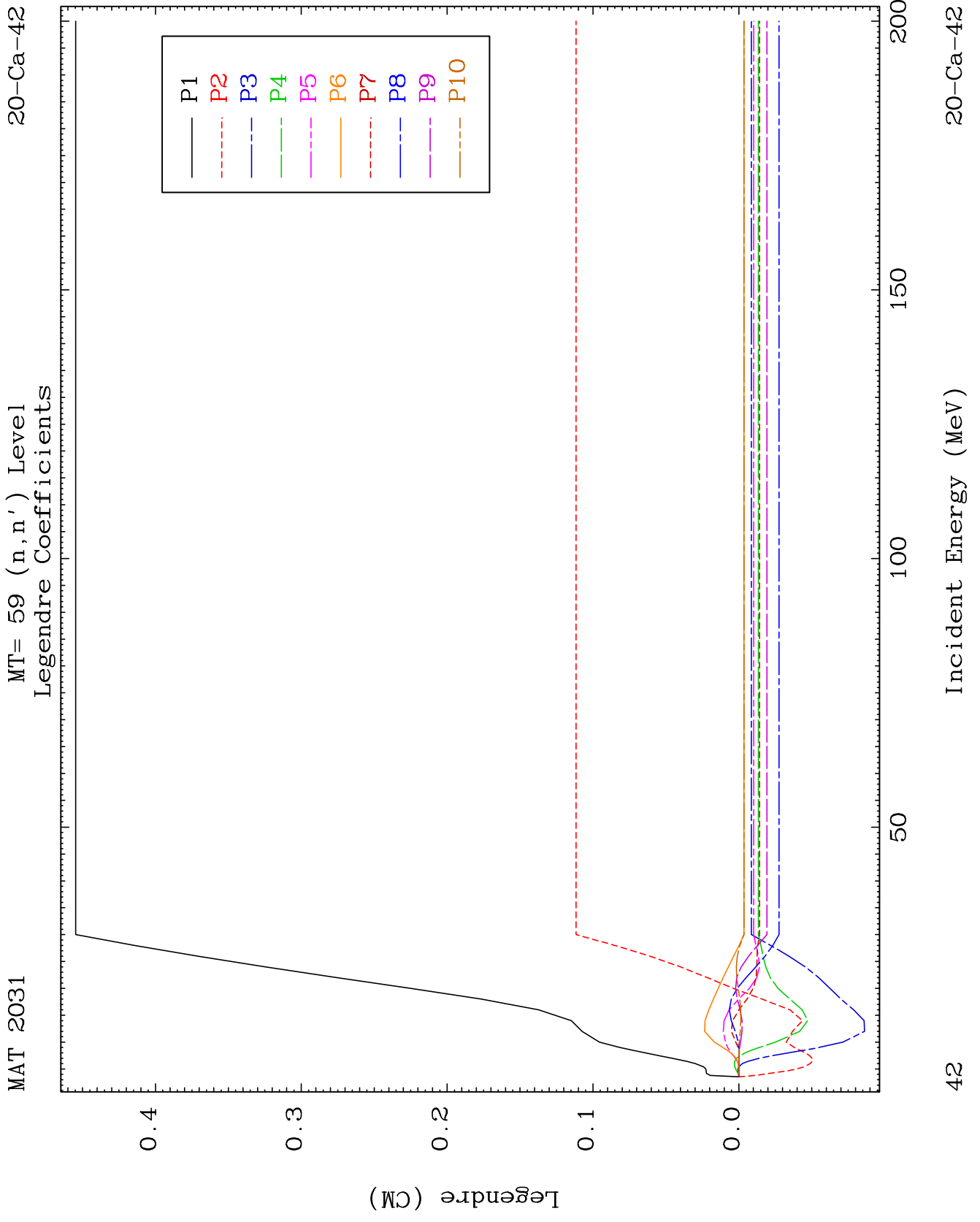
MAT 2031

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

20-Ca-42



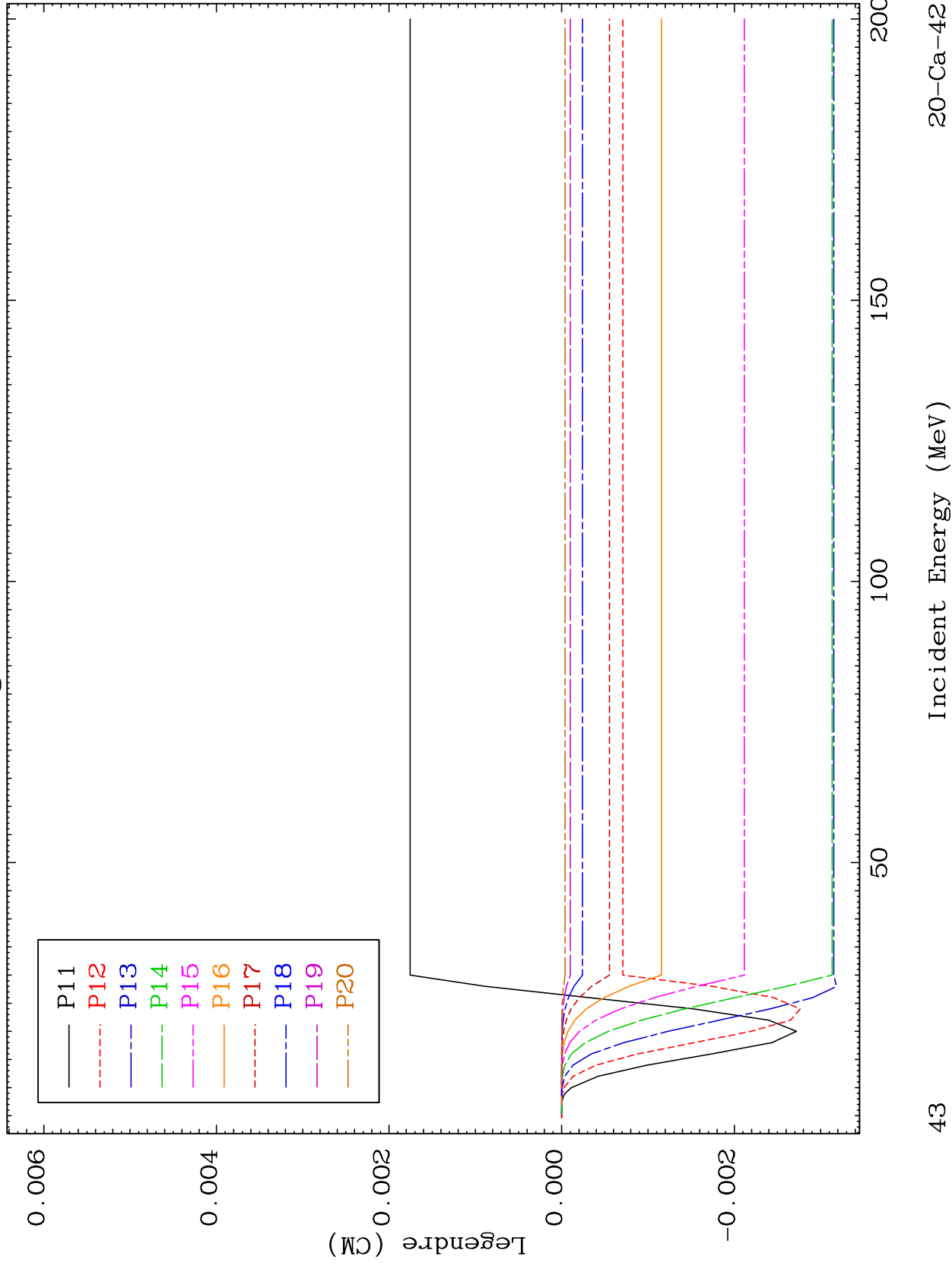


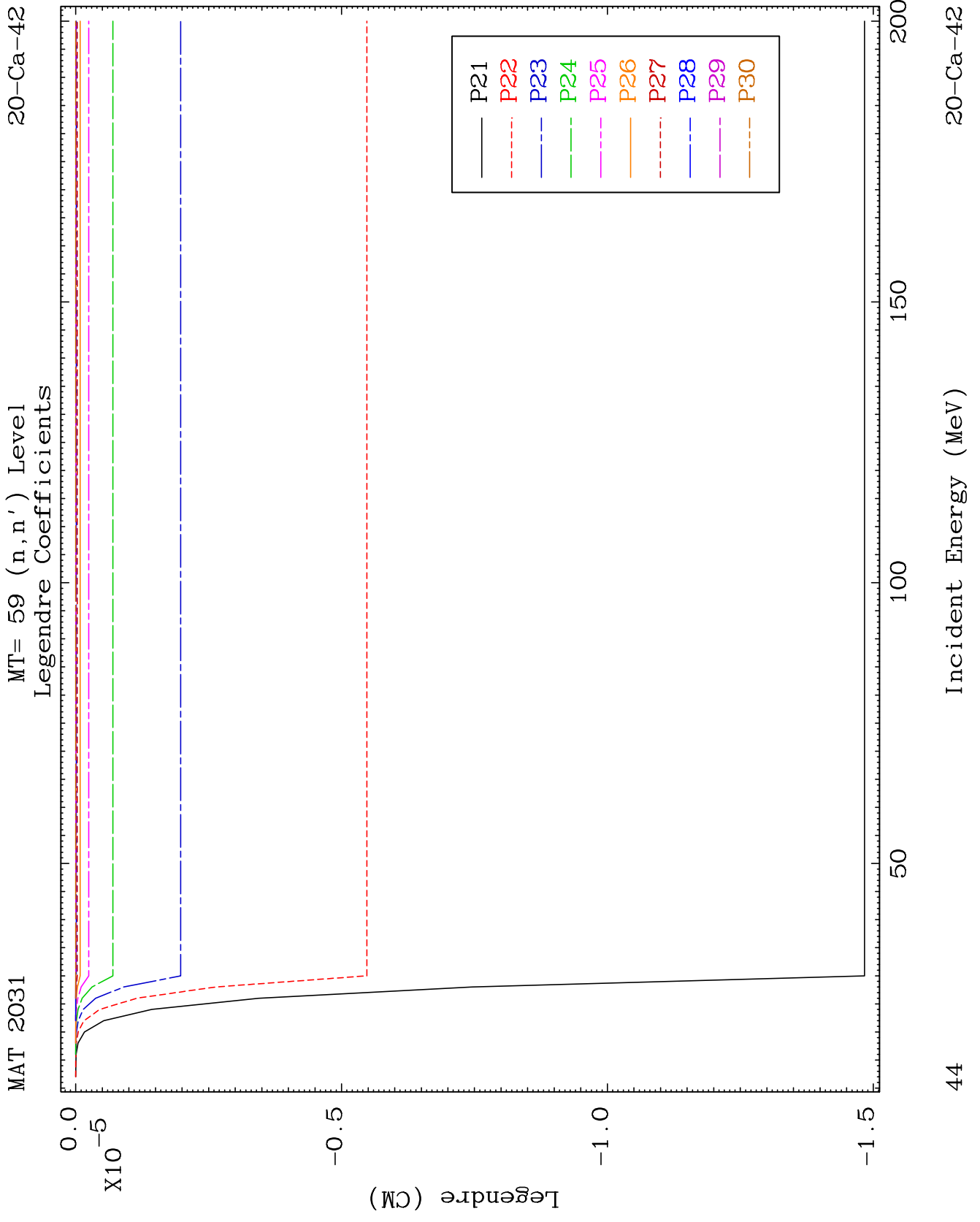


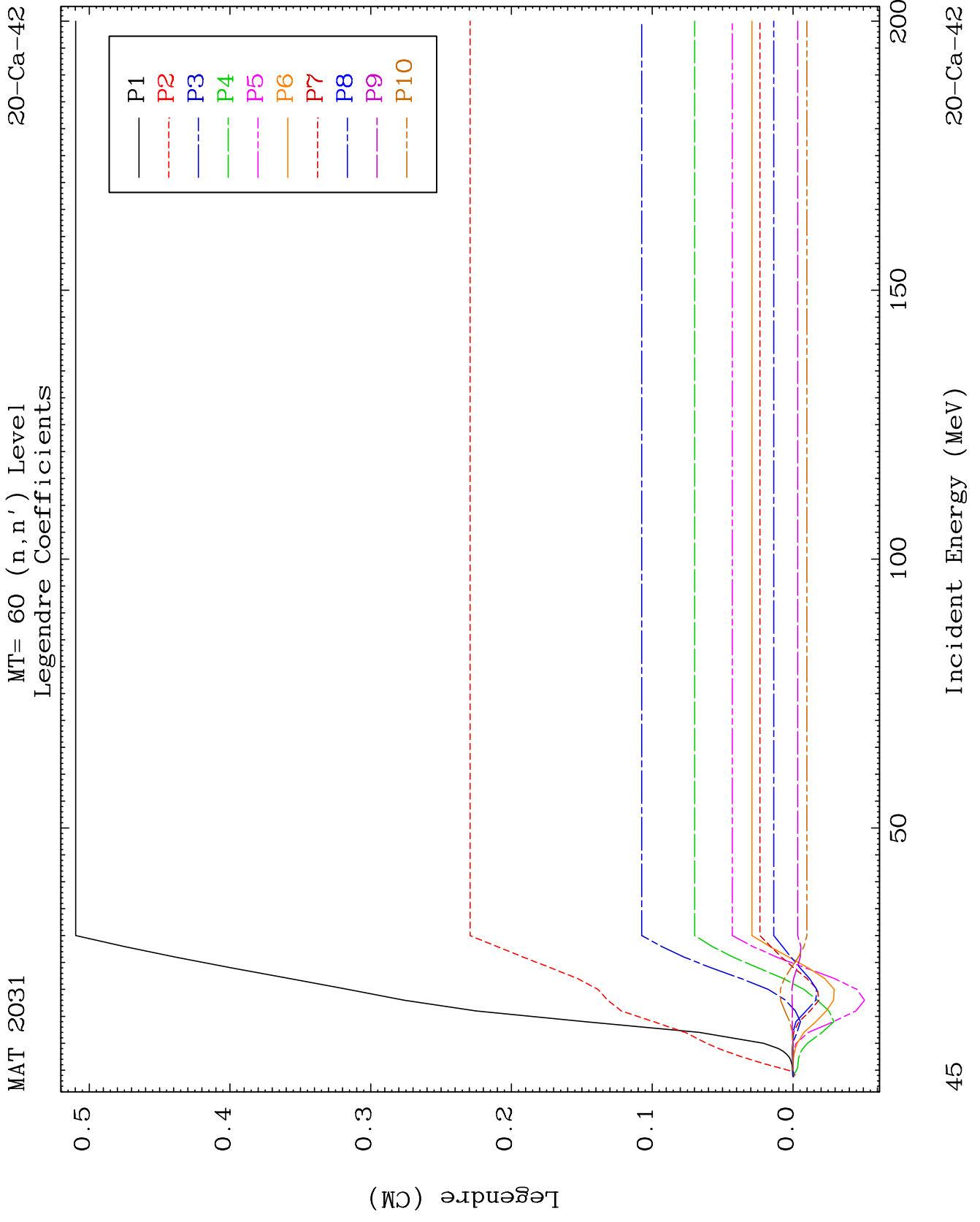
MAT 2031

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

20-Ca-42



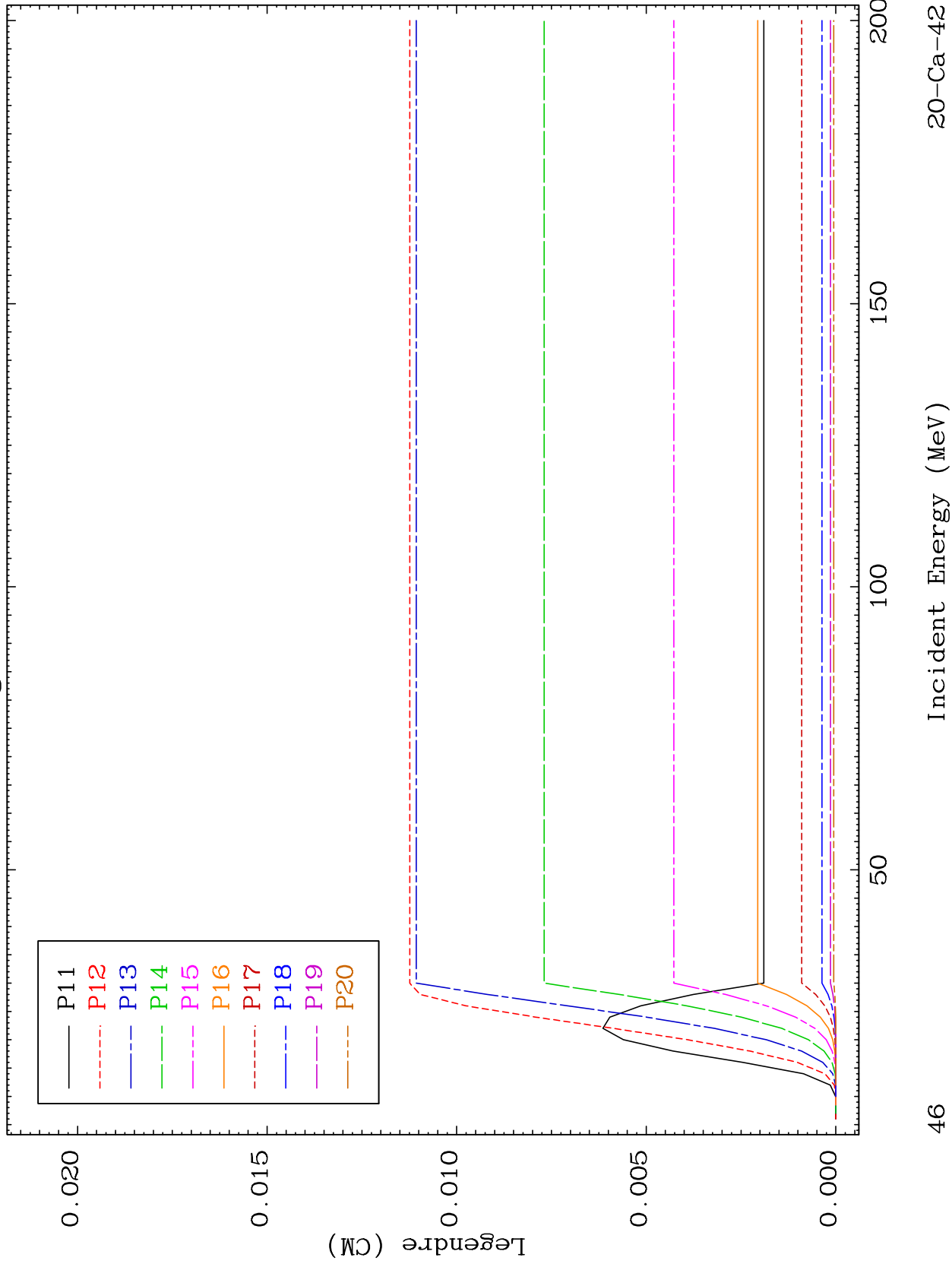


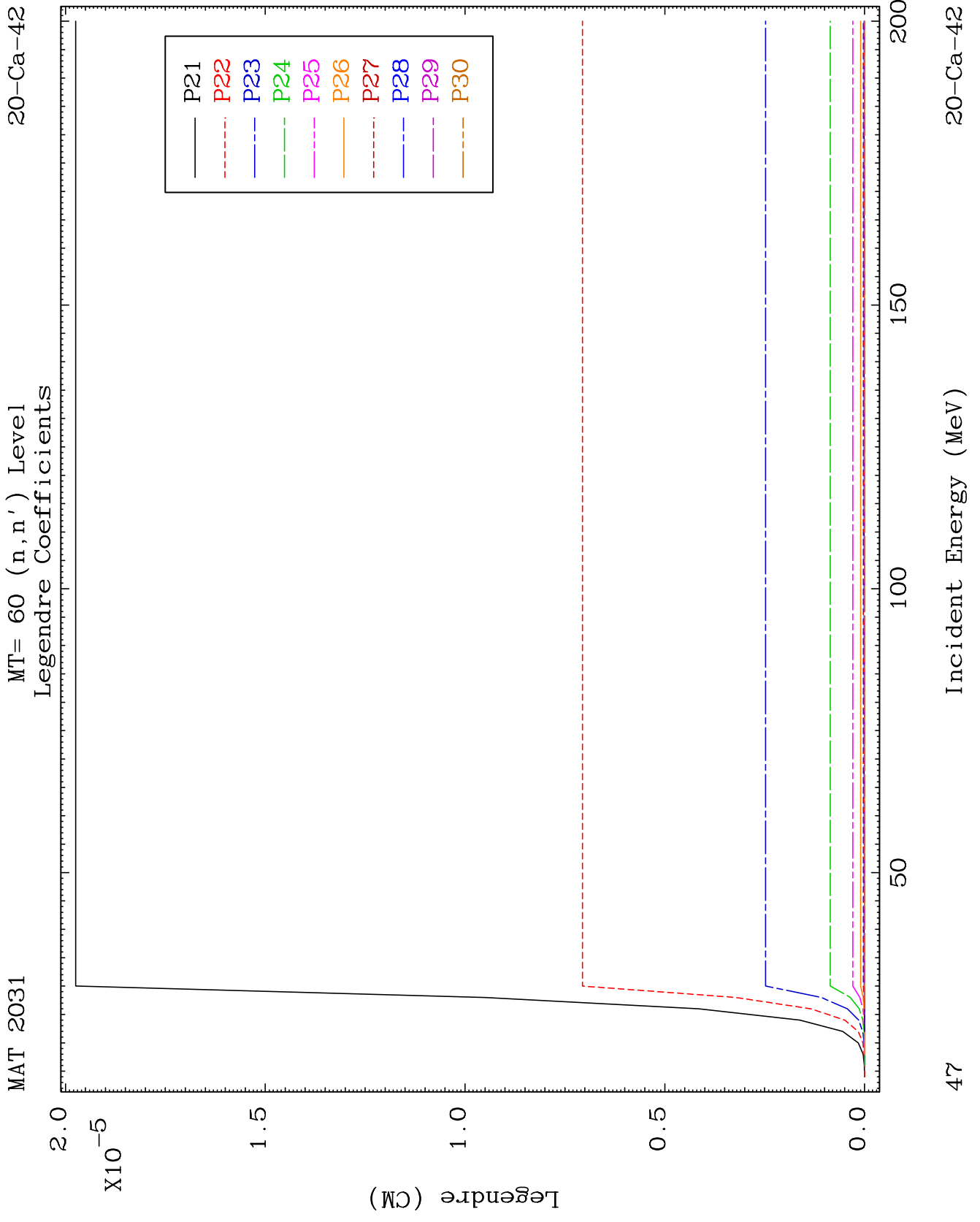


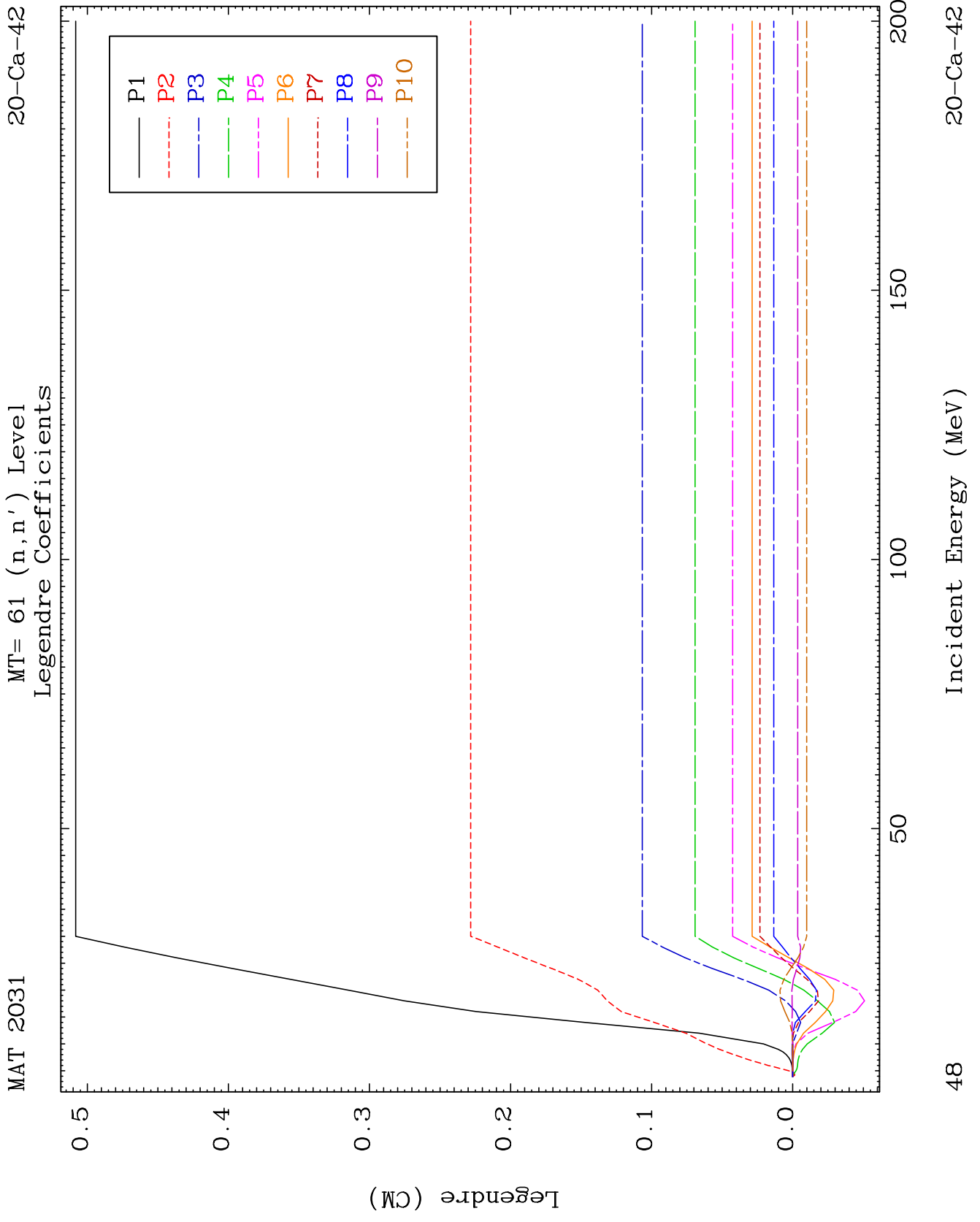
MAT 2031

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

20-Ca-42



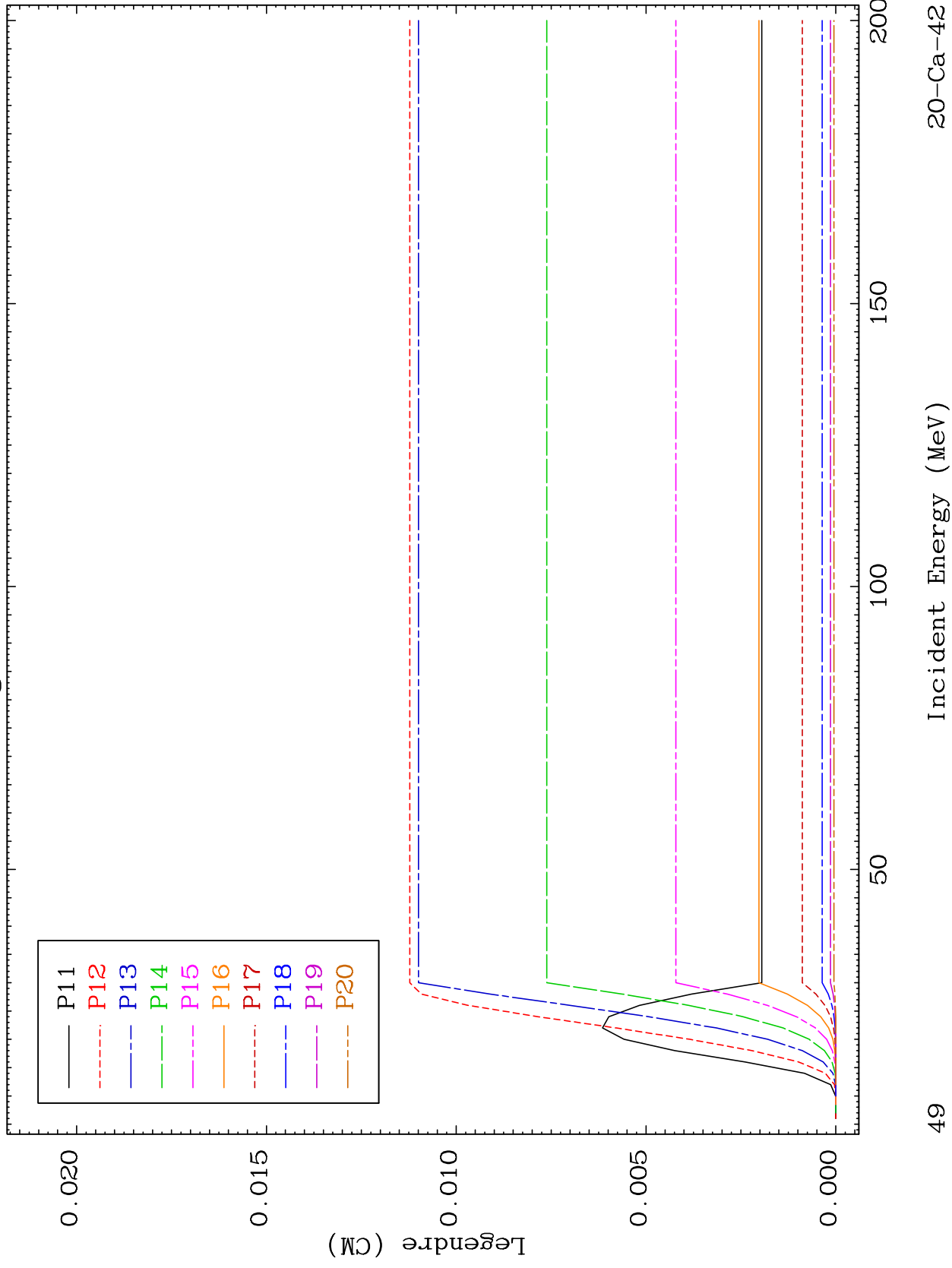


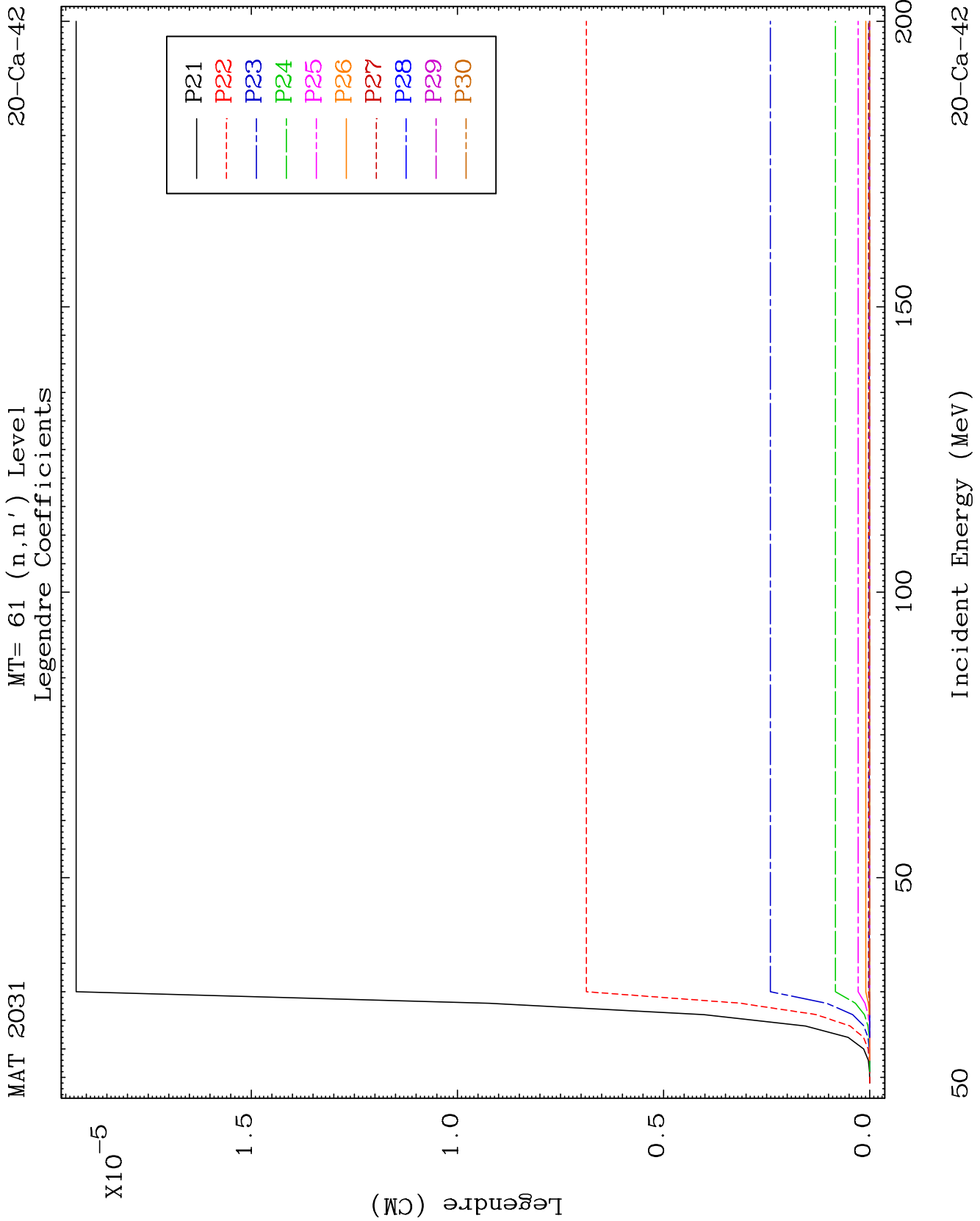


MAT 2031

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

20-Ca-42

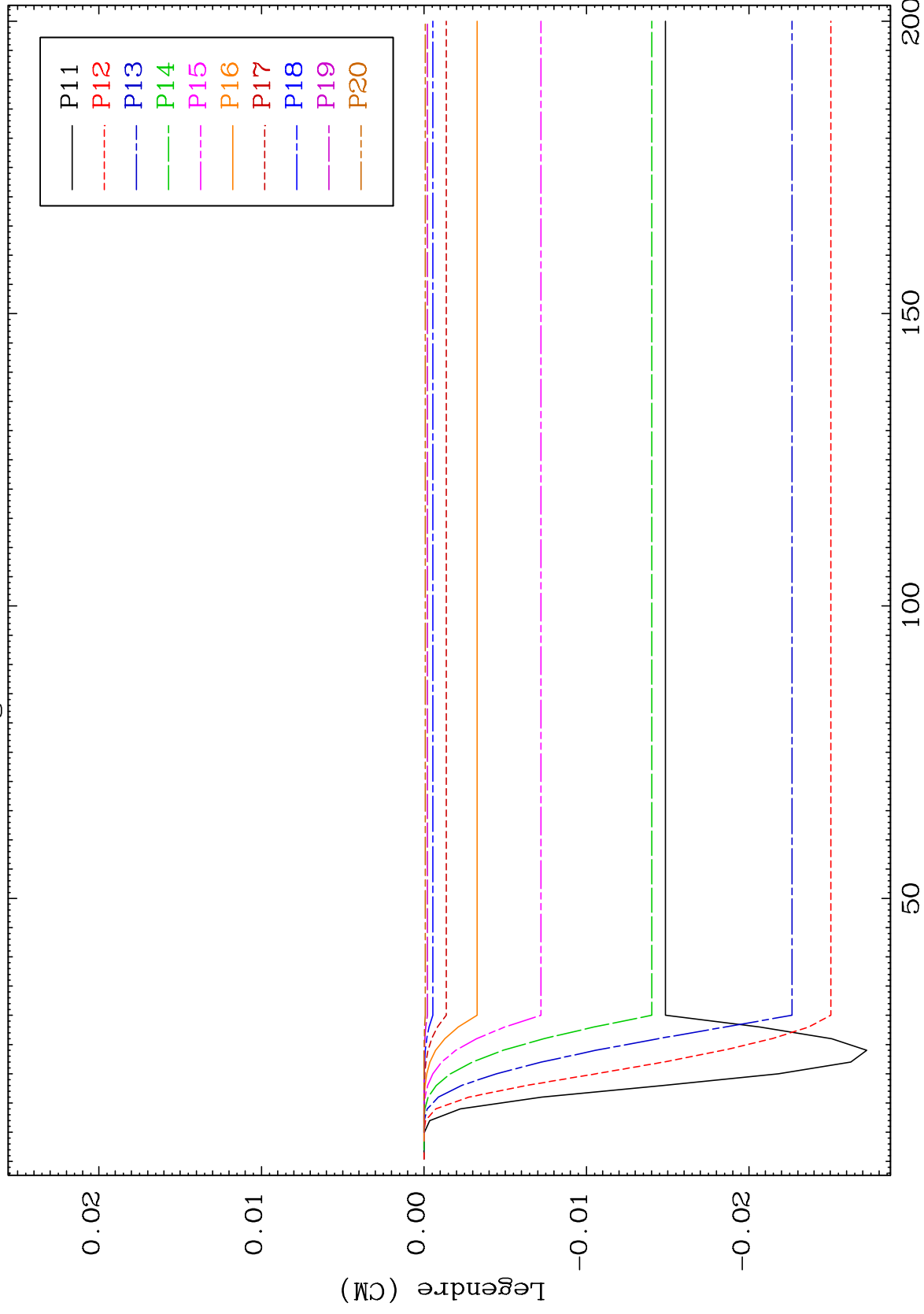




MAT 2031

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

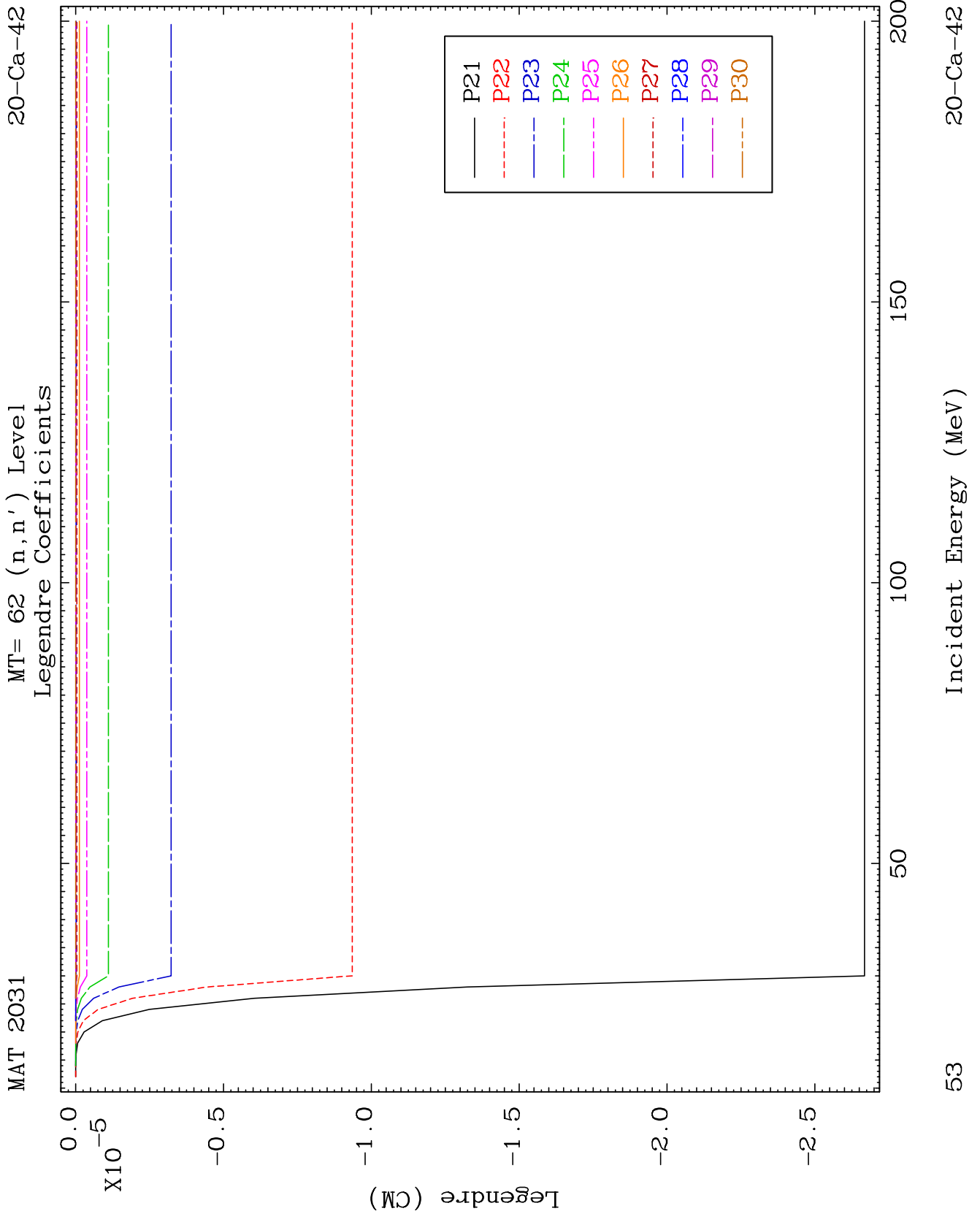
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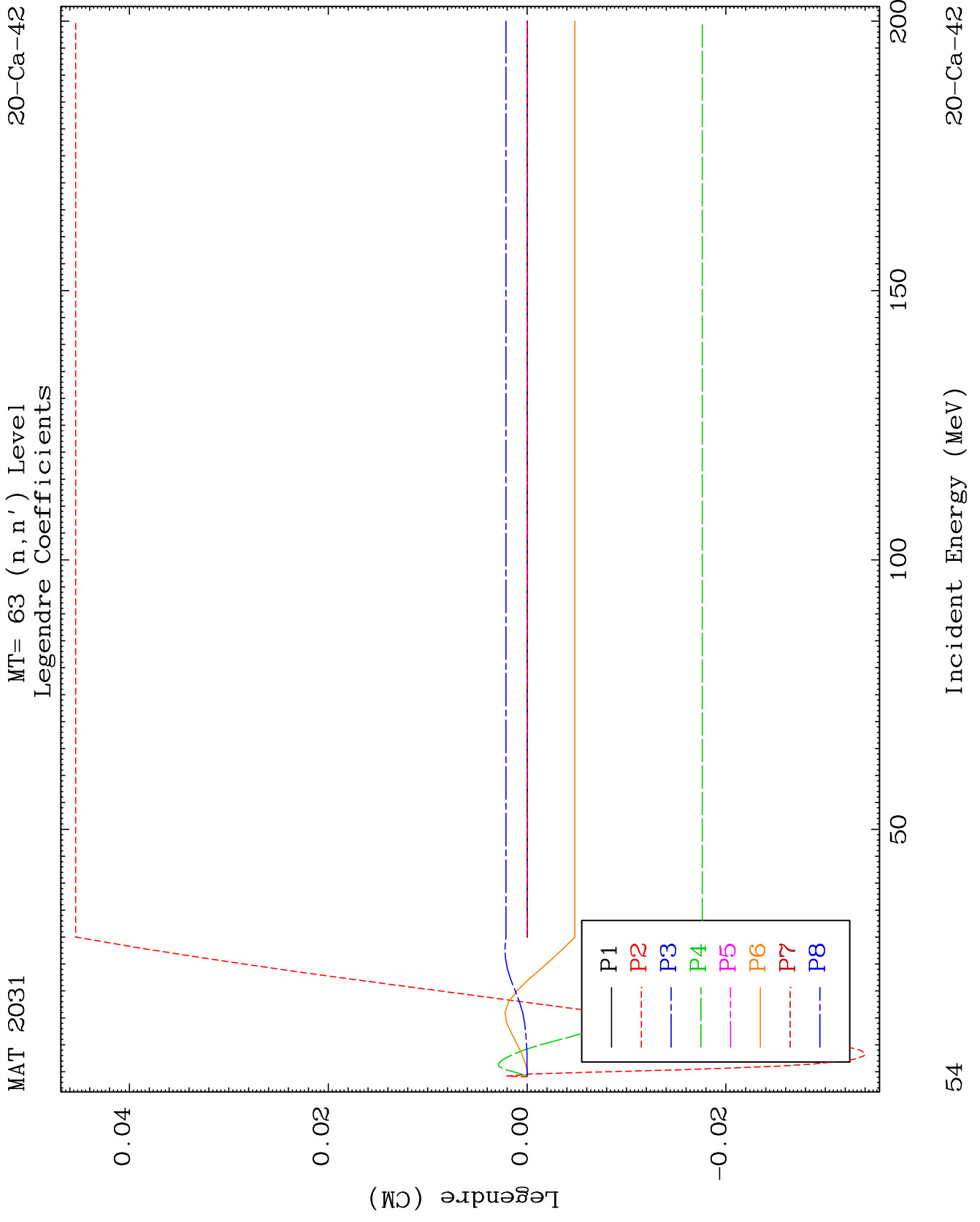


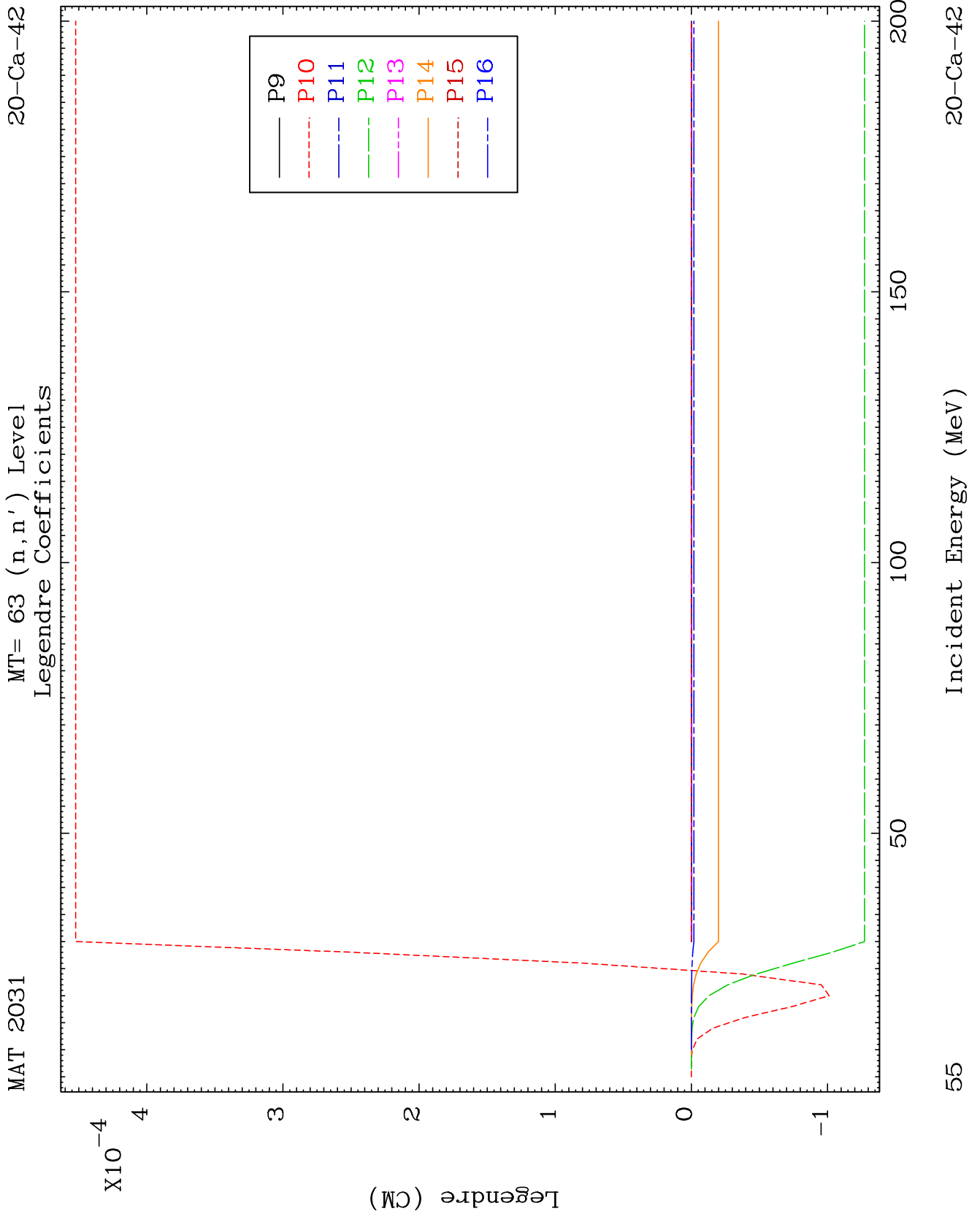
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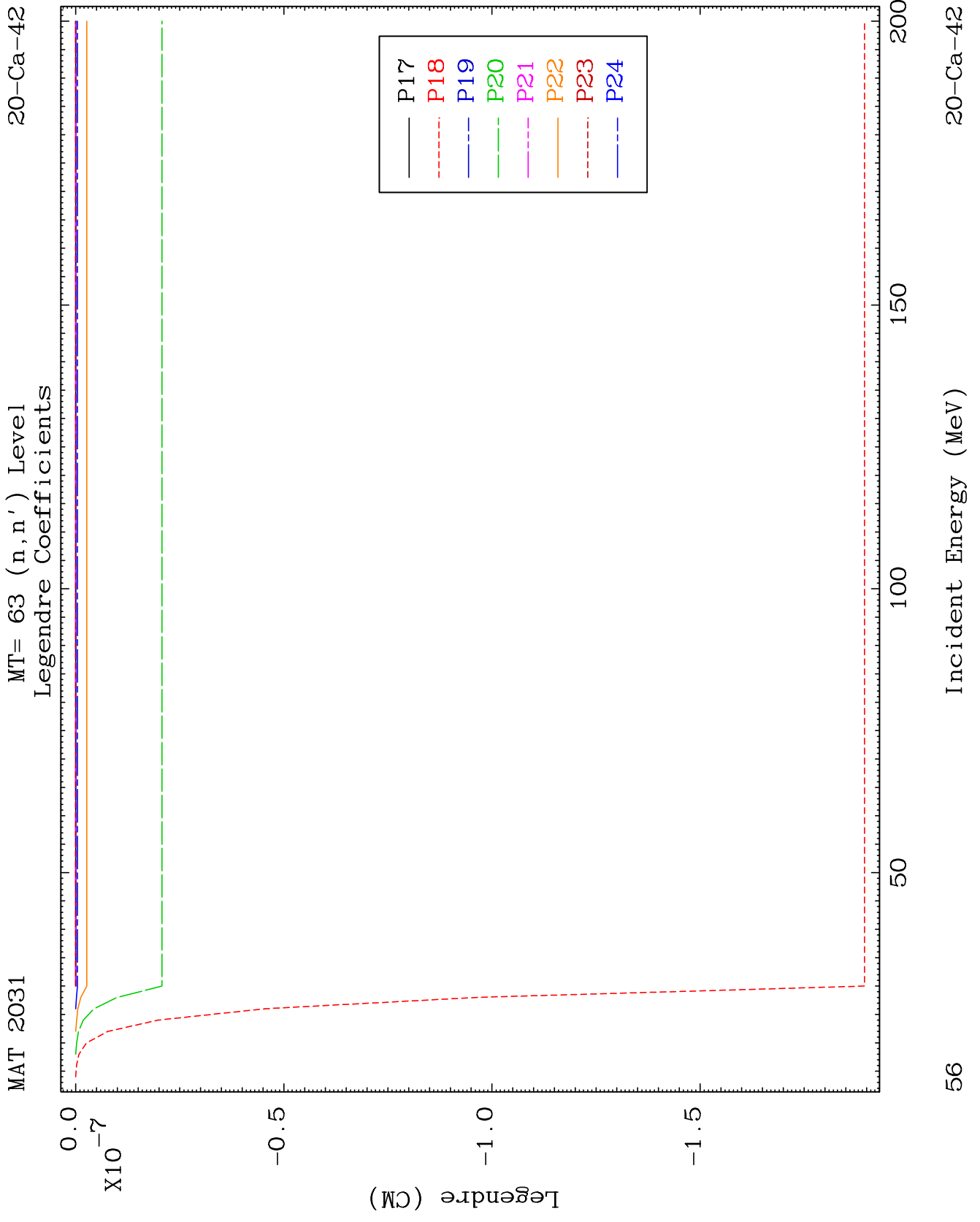
Incident Energy (MeV)

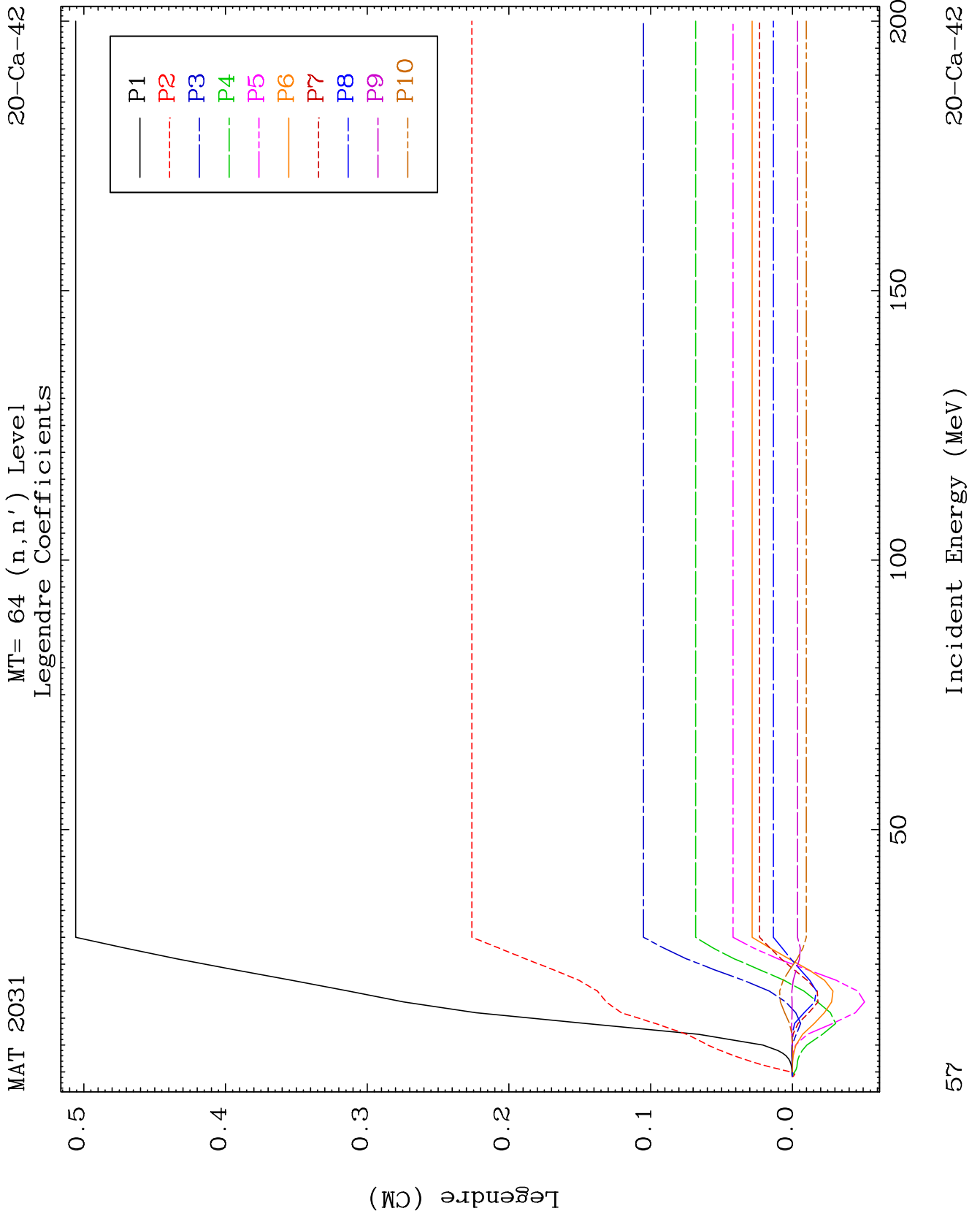
20-Ca-42







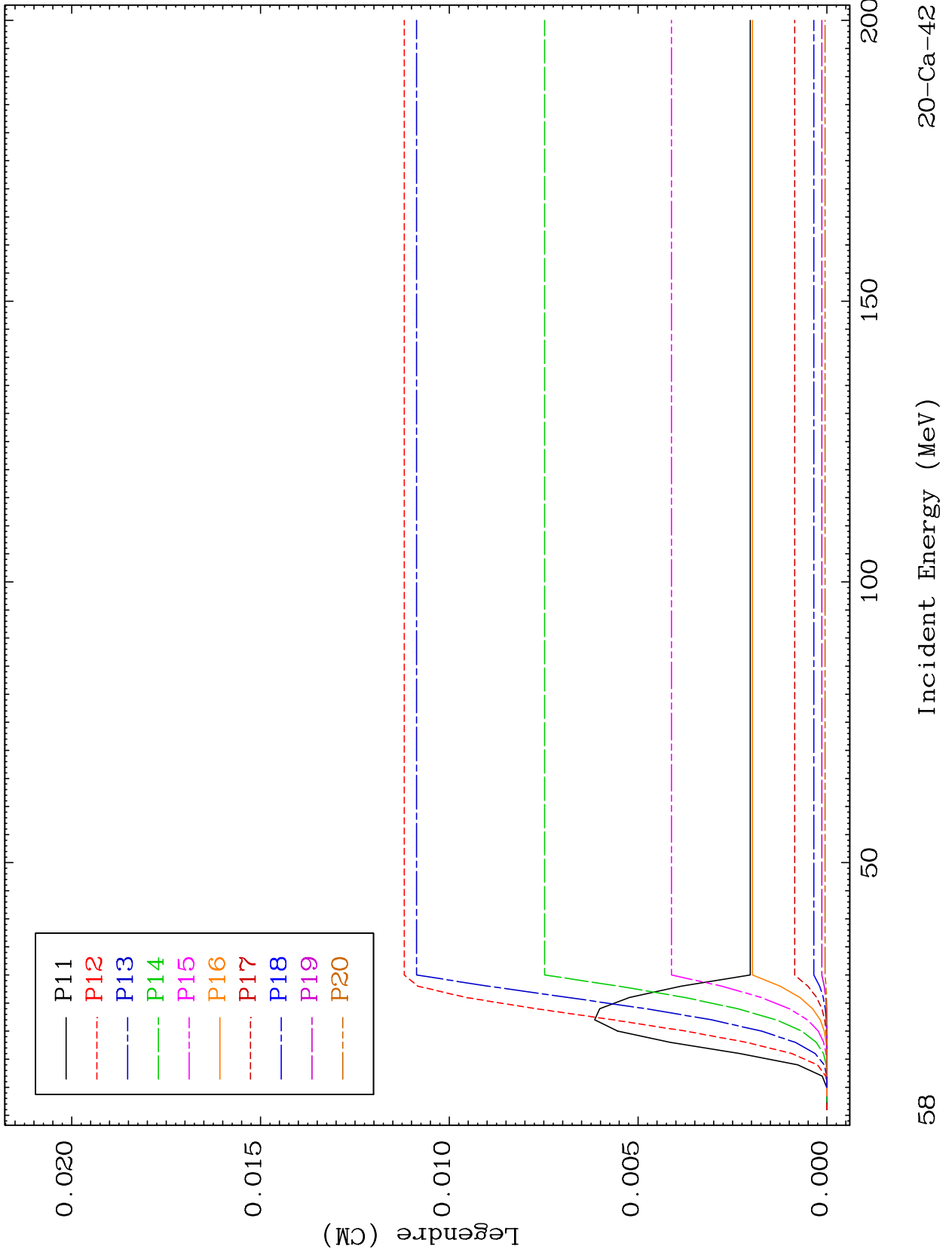




MAT 2031

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

20-Ca-42



58

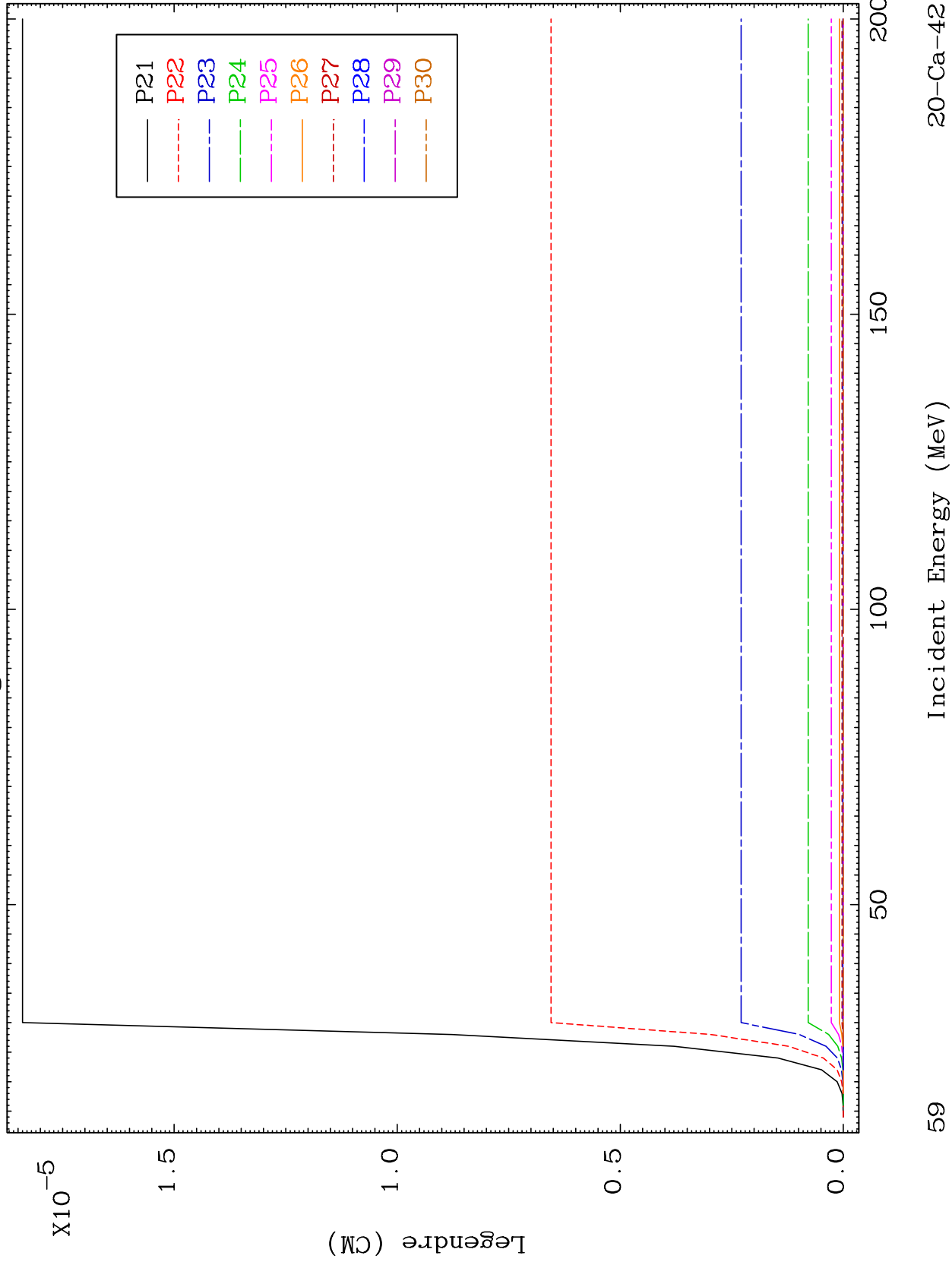
Incident Energy (MeV)

20-Ca-42

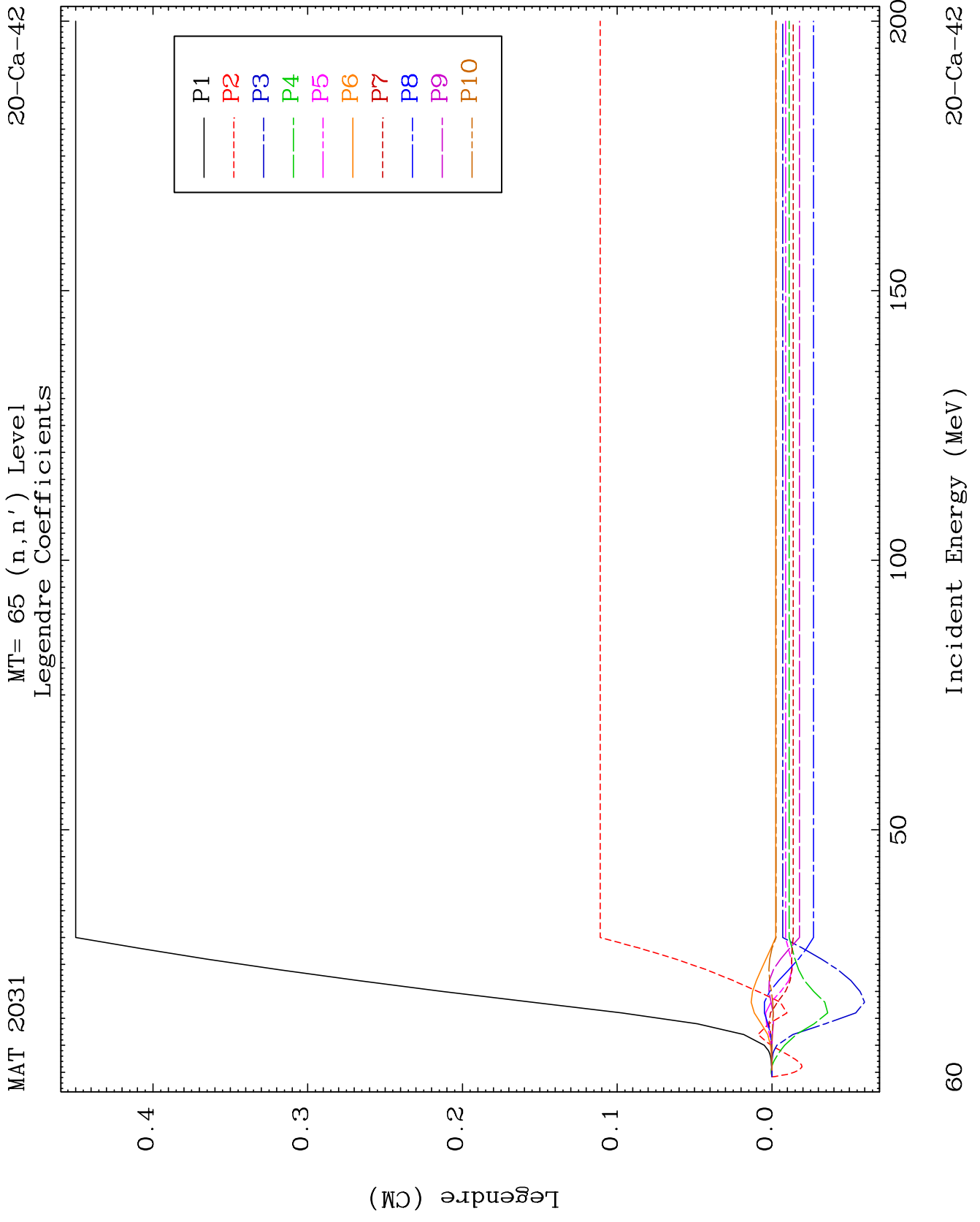
MAT 2031

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

20-Ca-42



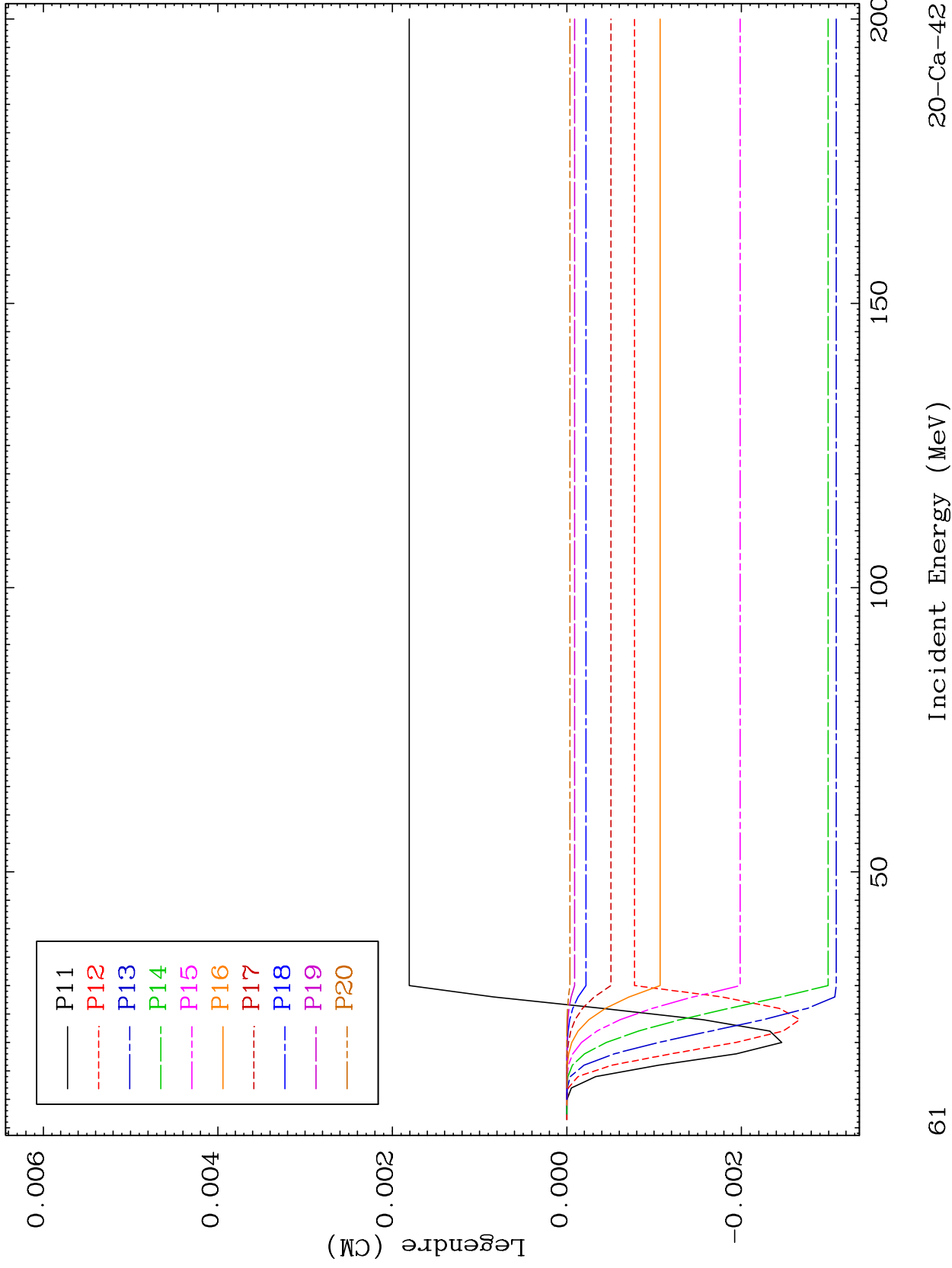
59

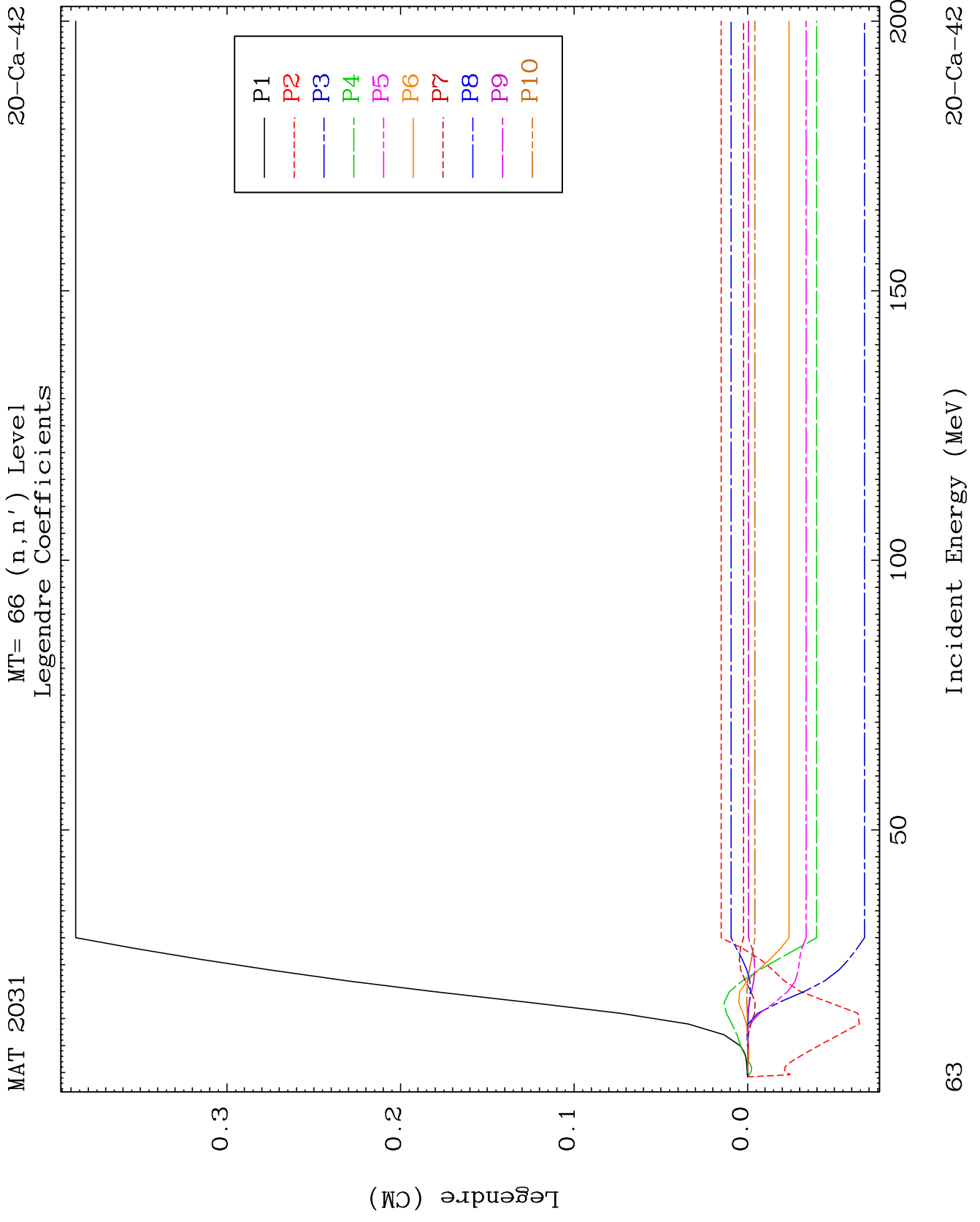


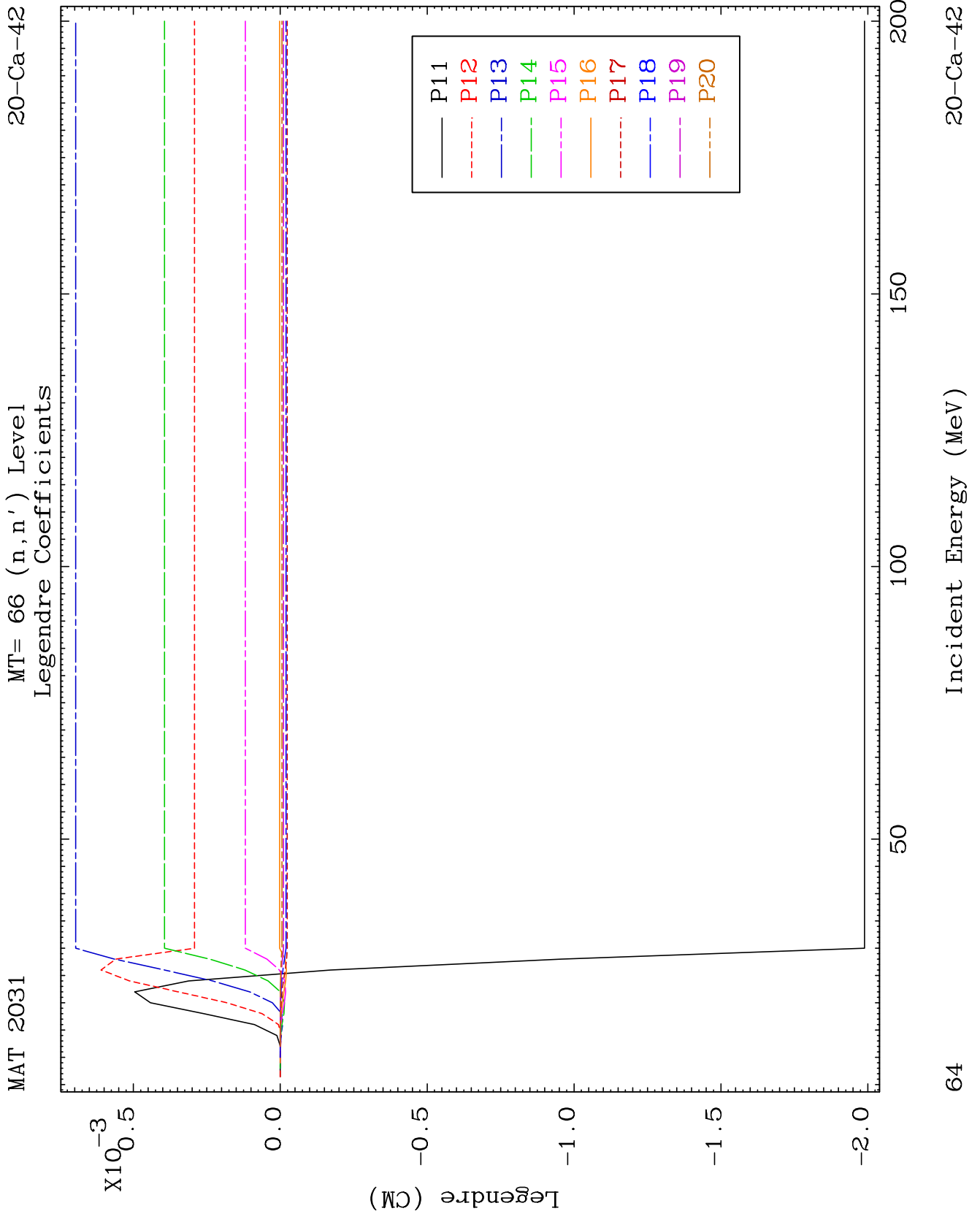
MAT 2031

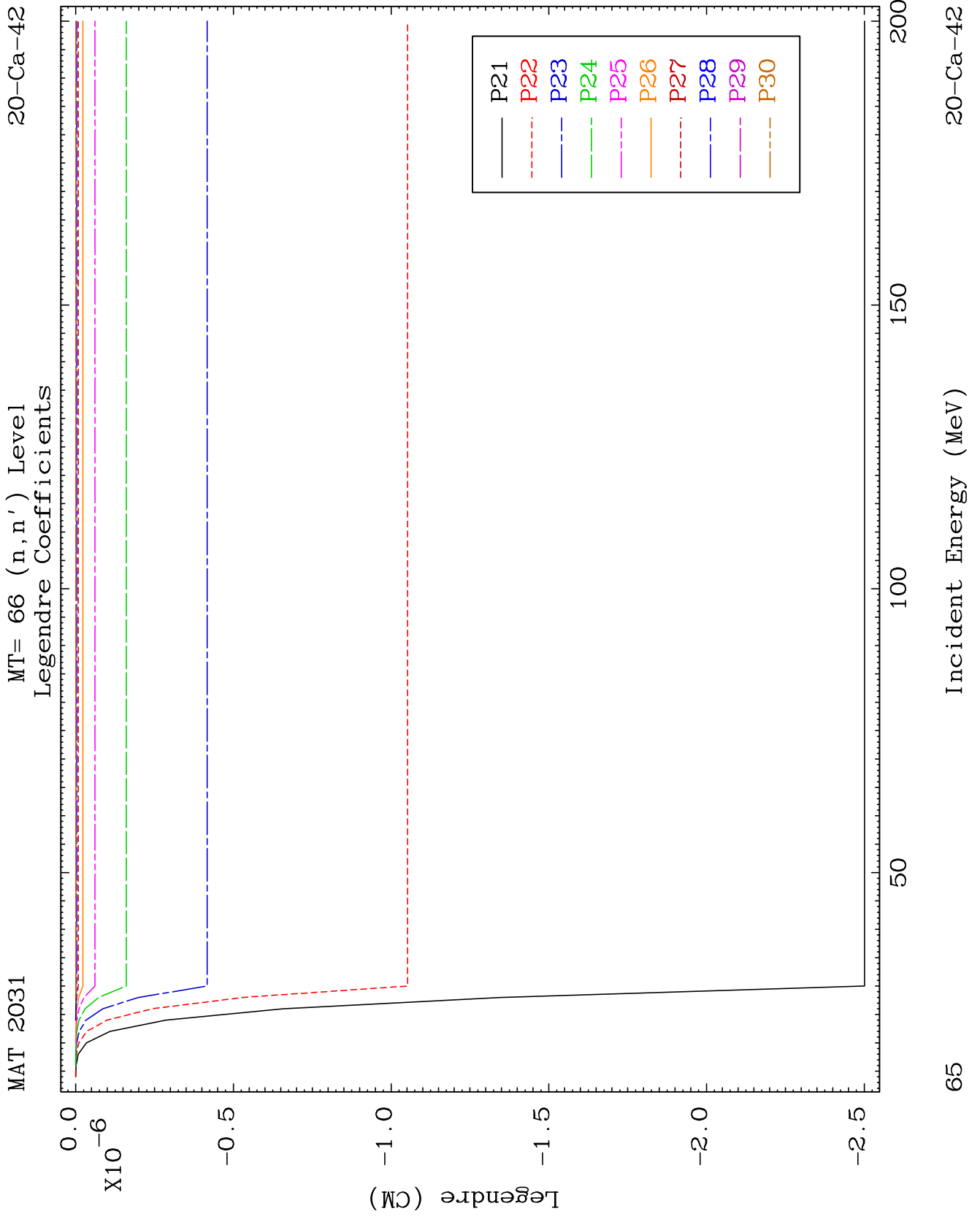
MT= 65 (n,n') Level
Legendre Coefficients

20-Ca-42





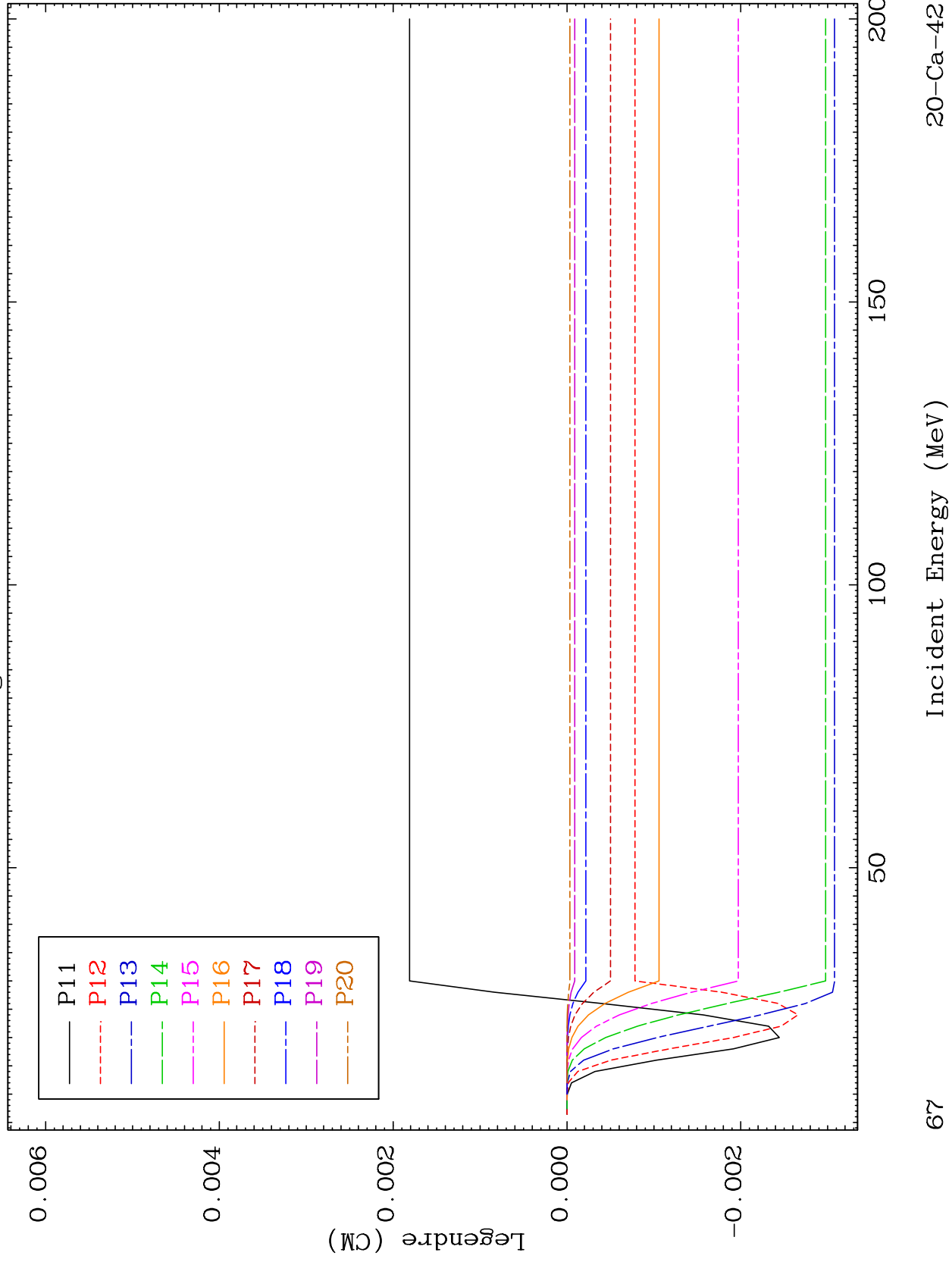




MAT 2031

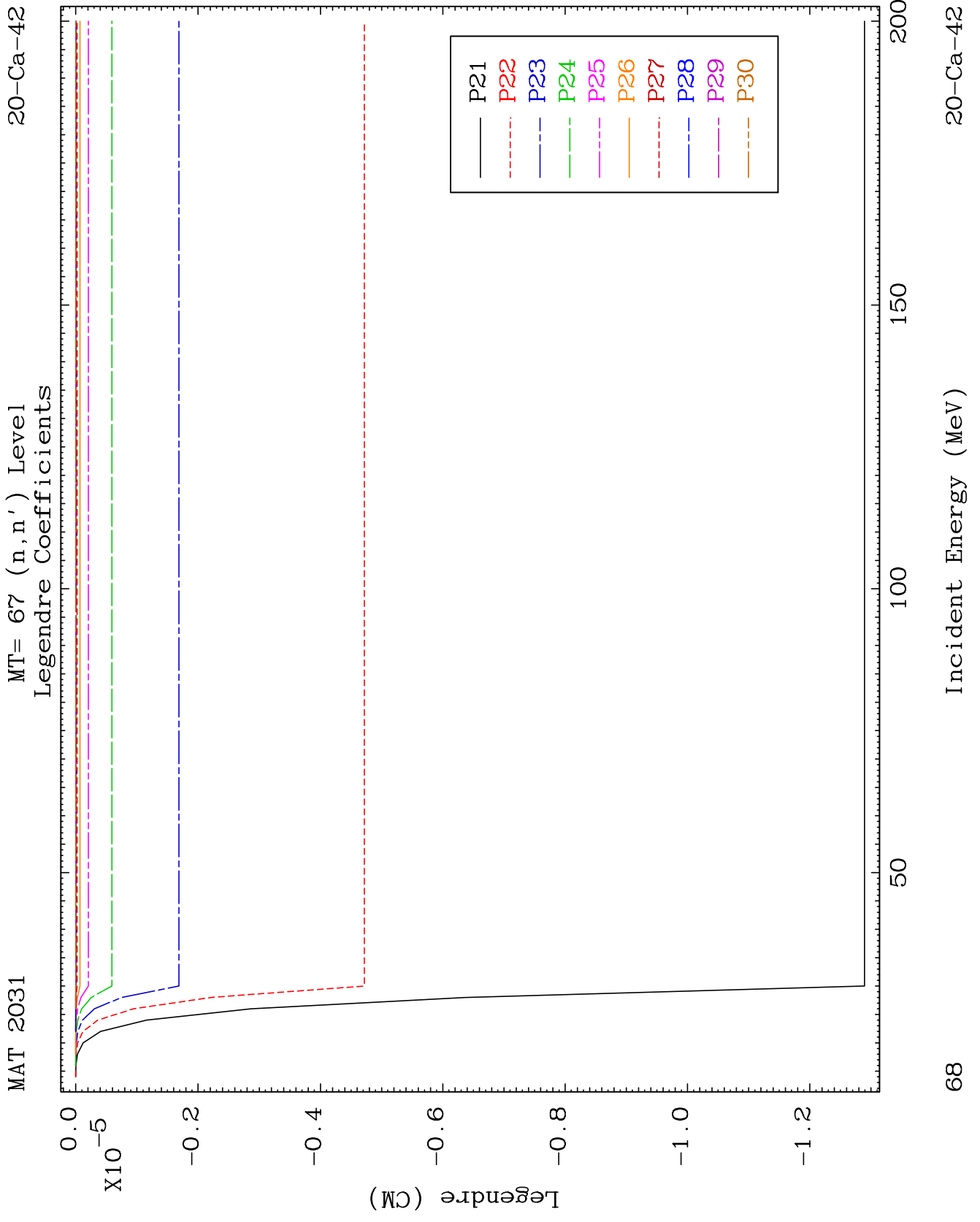
MT= 67 (n,n') Level
Legendre Coefficients

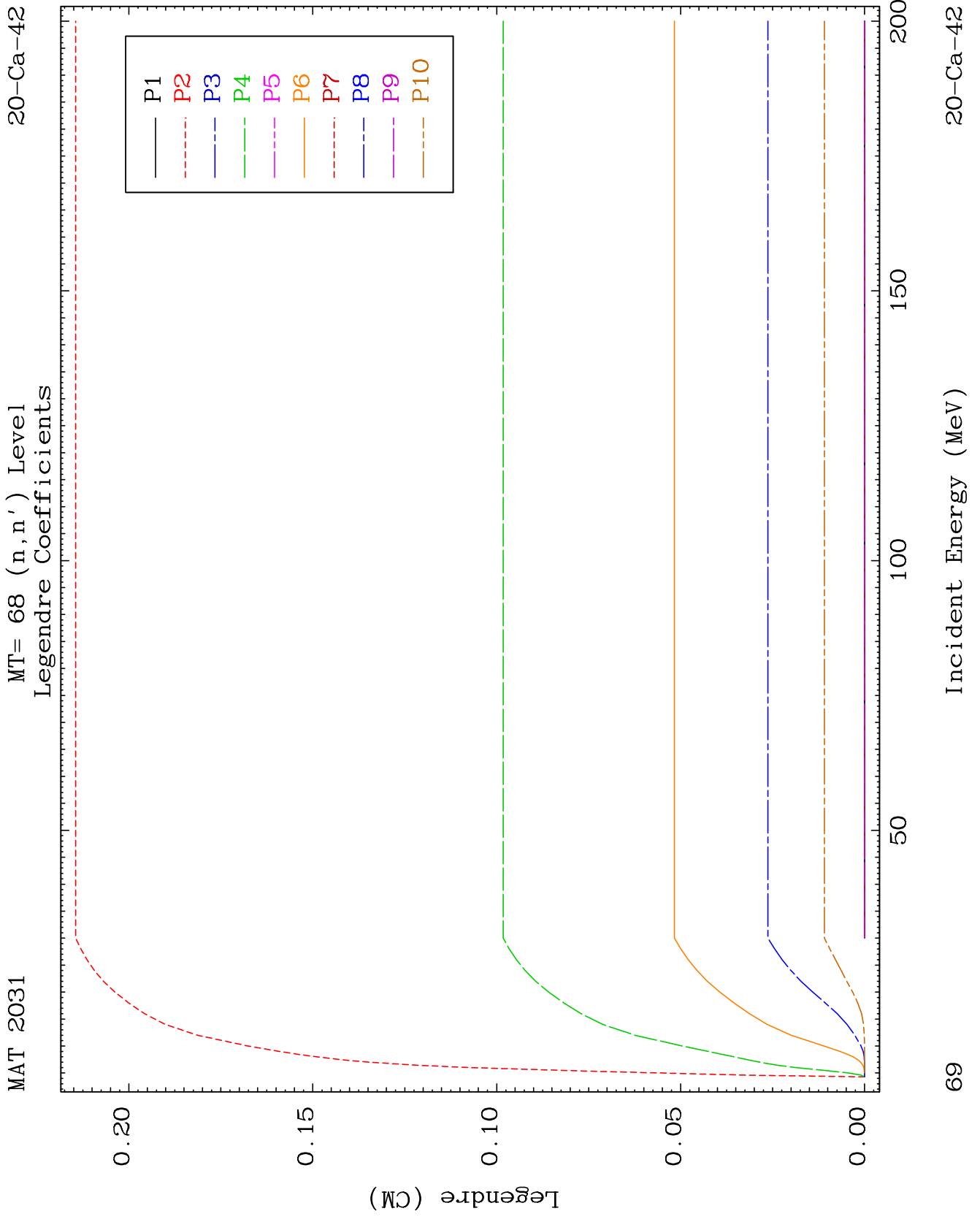
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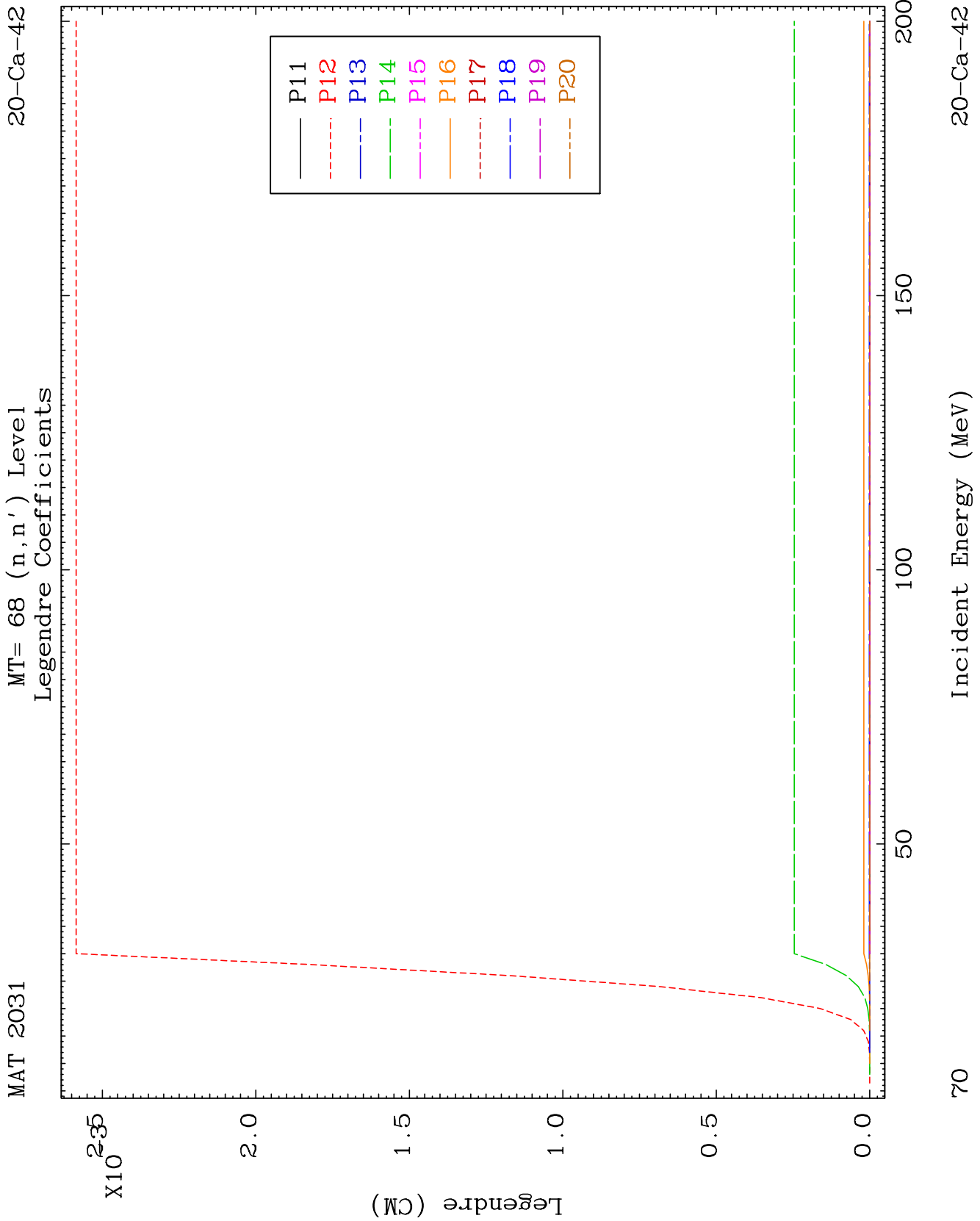


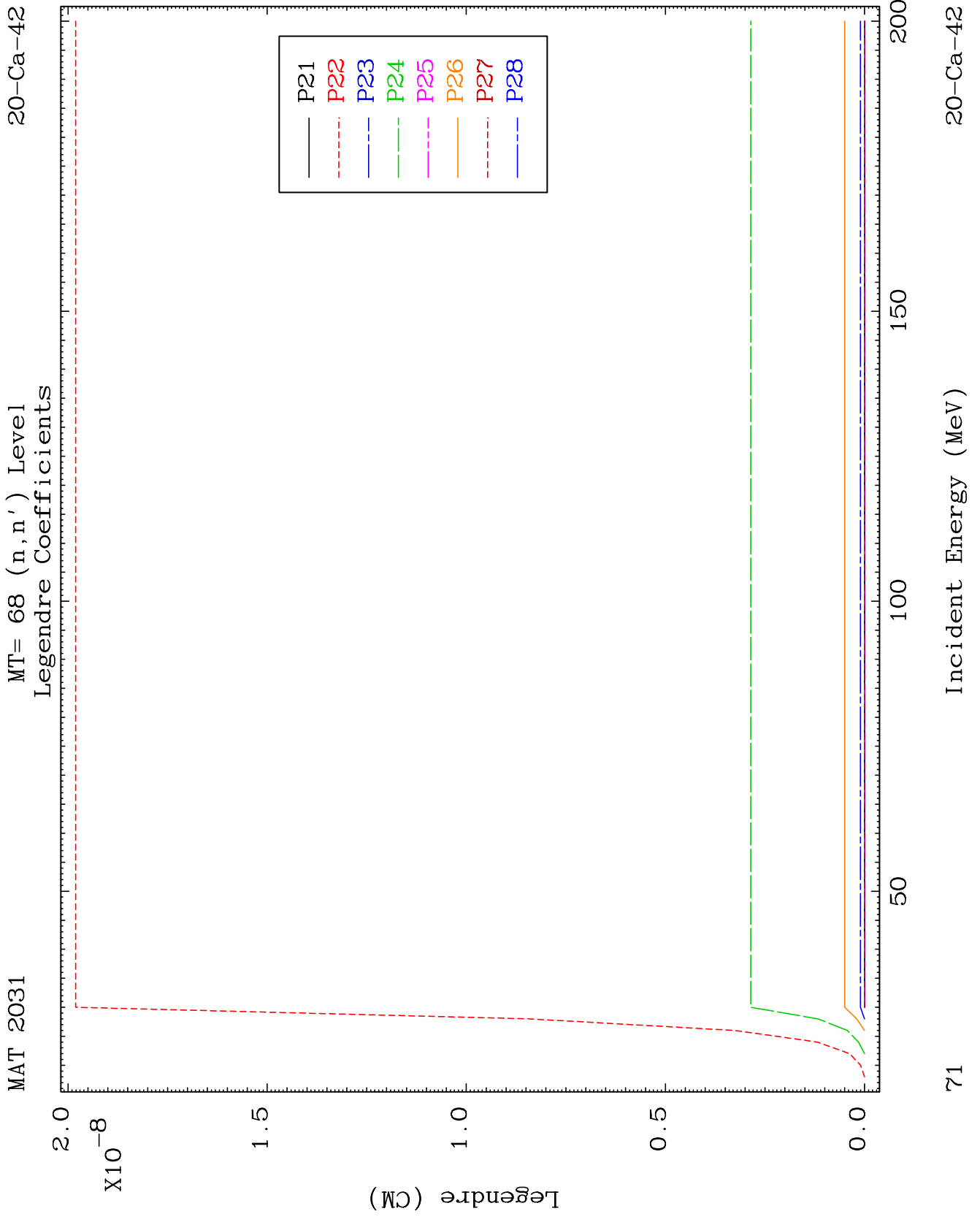
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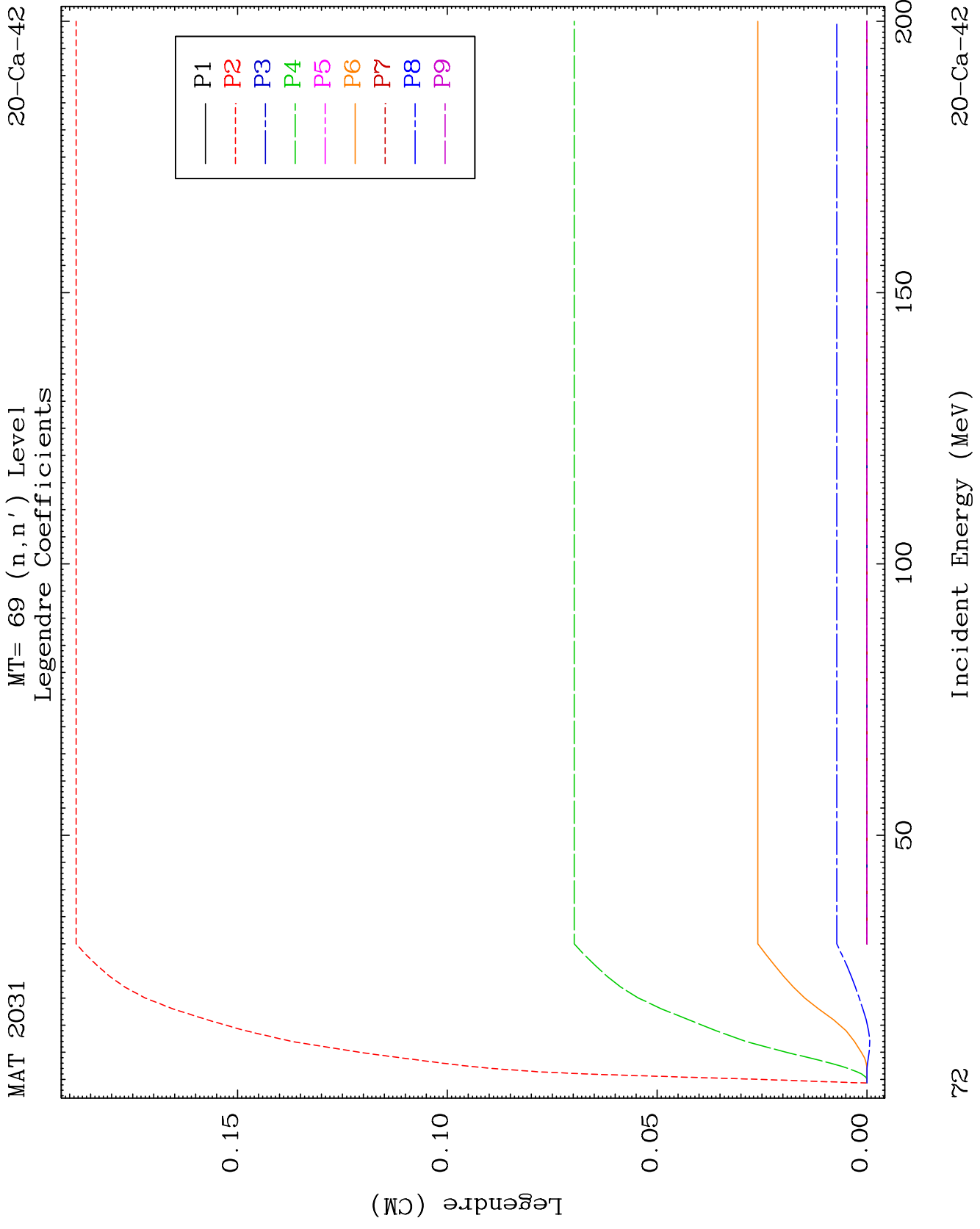
20-Ca-42







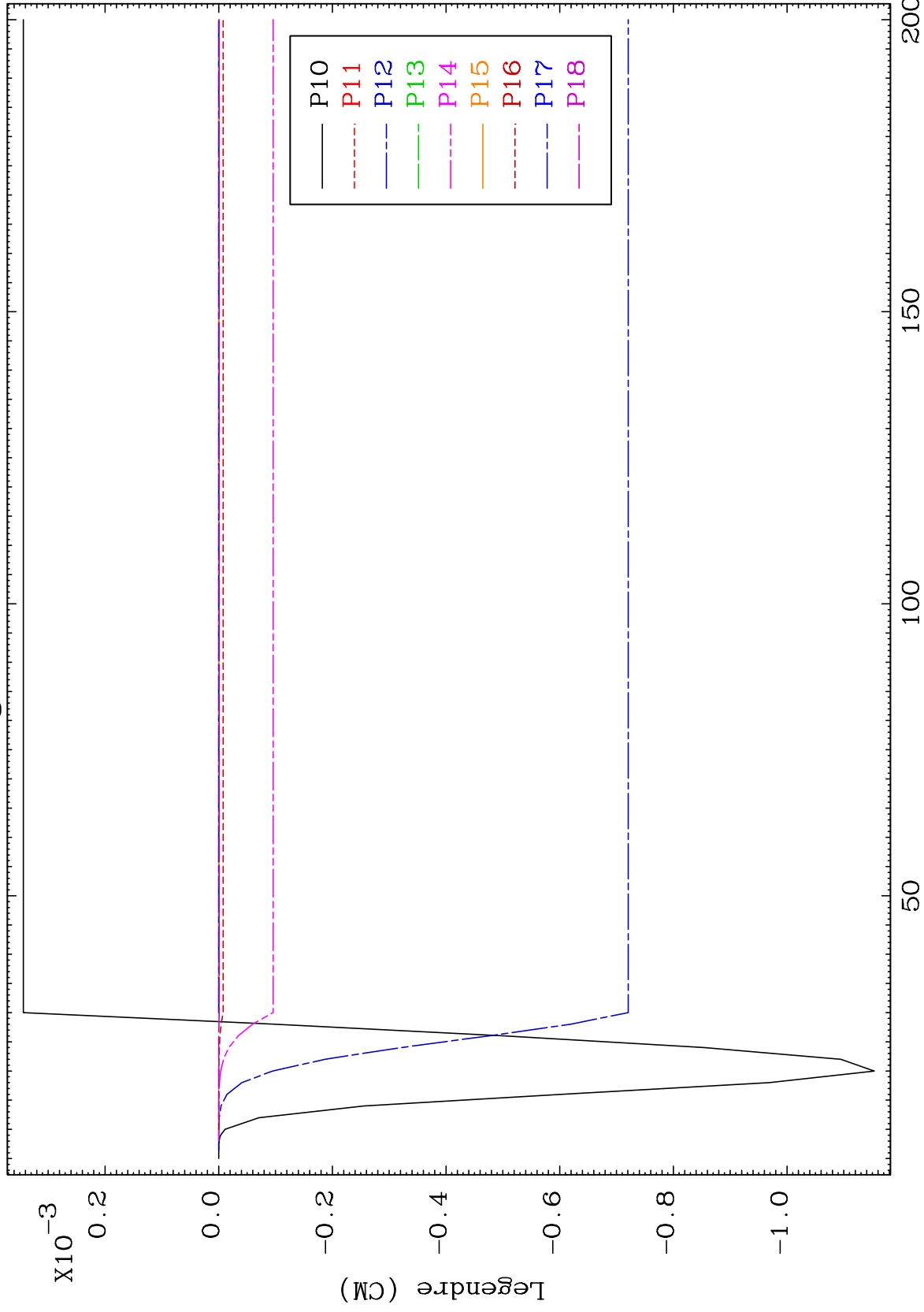




MAT 2031

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

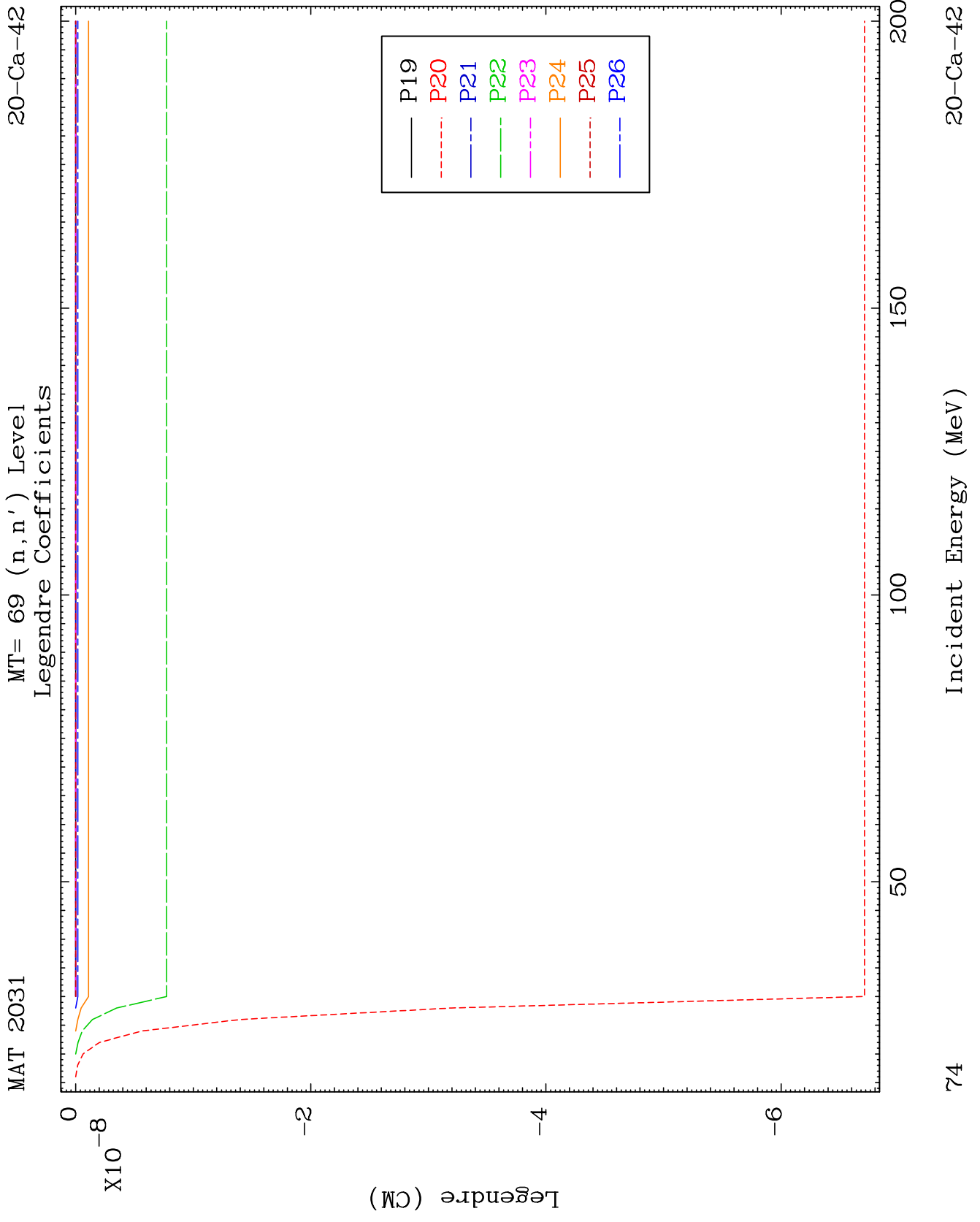
20-Ca-42

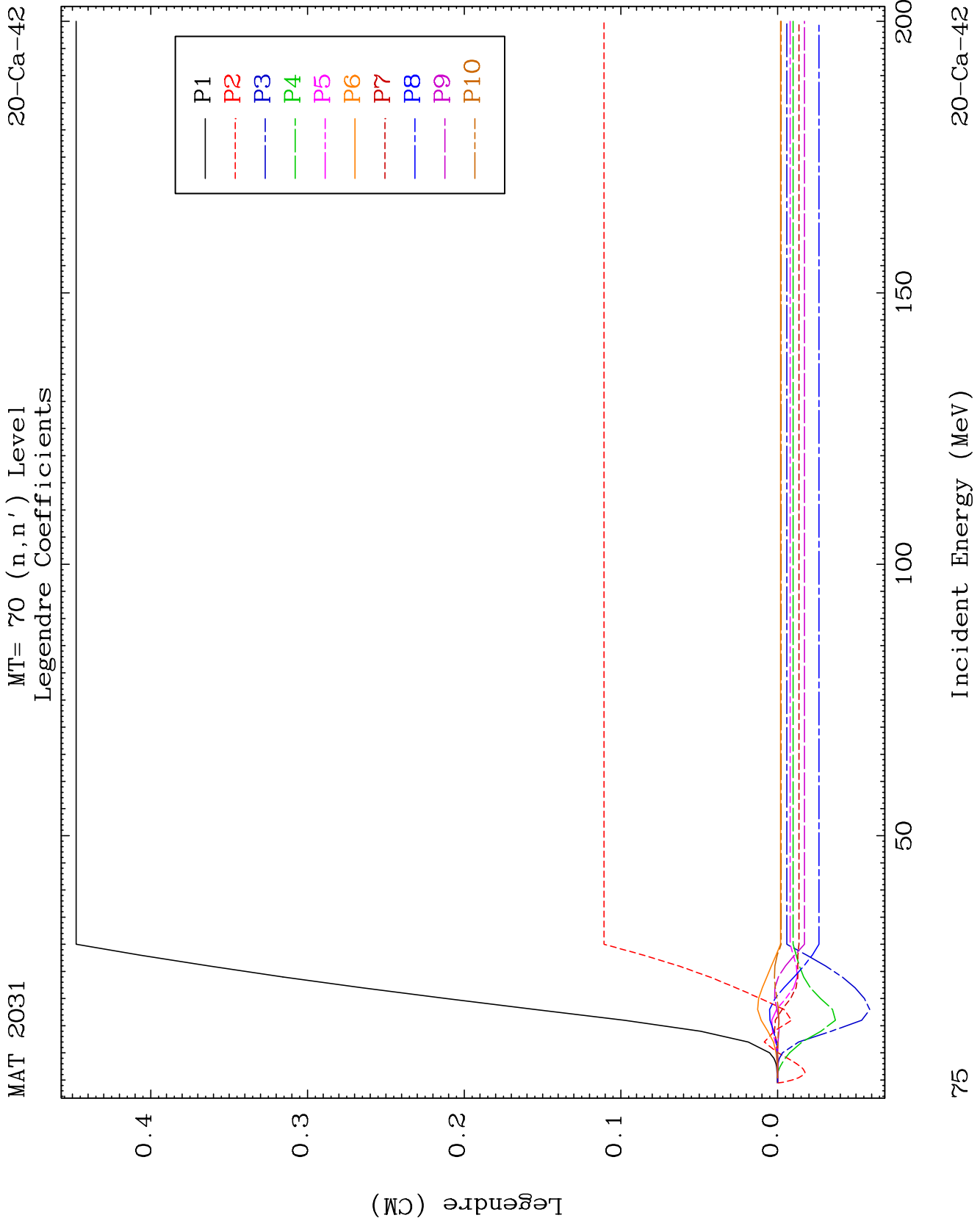


73

Incident Energy (MeV)

20-Ca-42

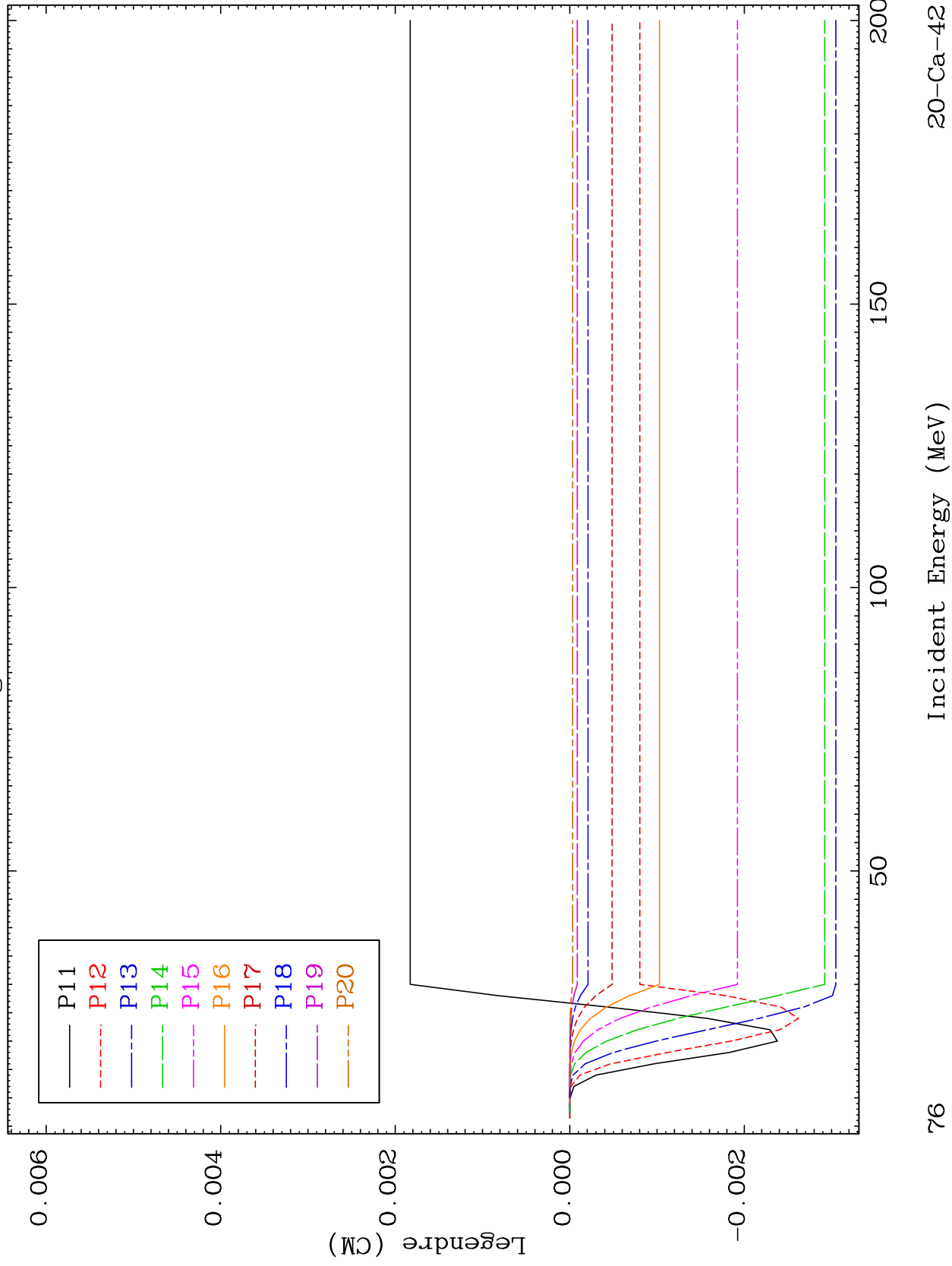




MAT 2031

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

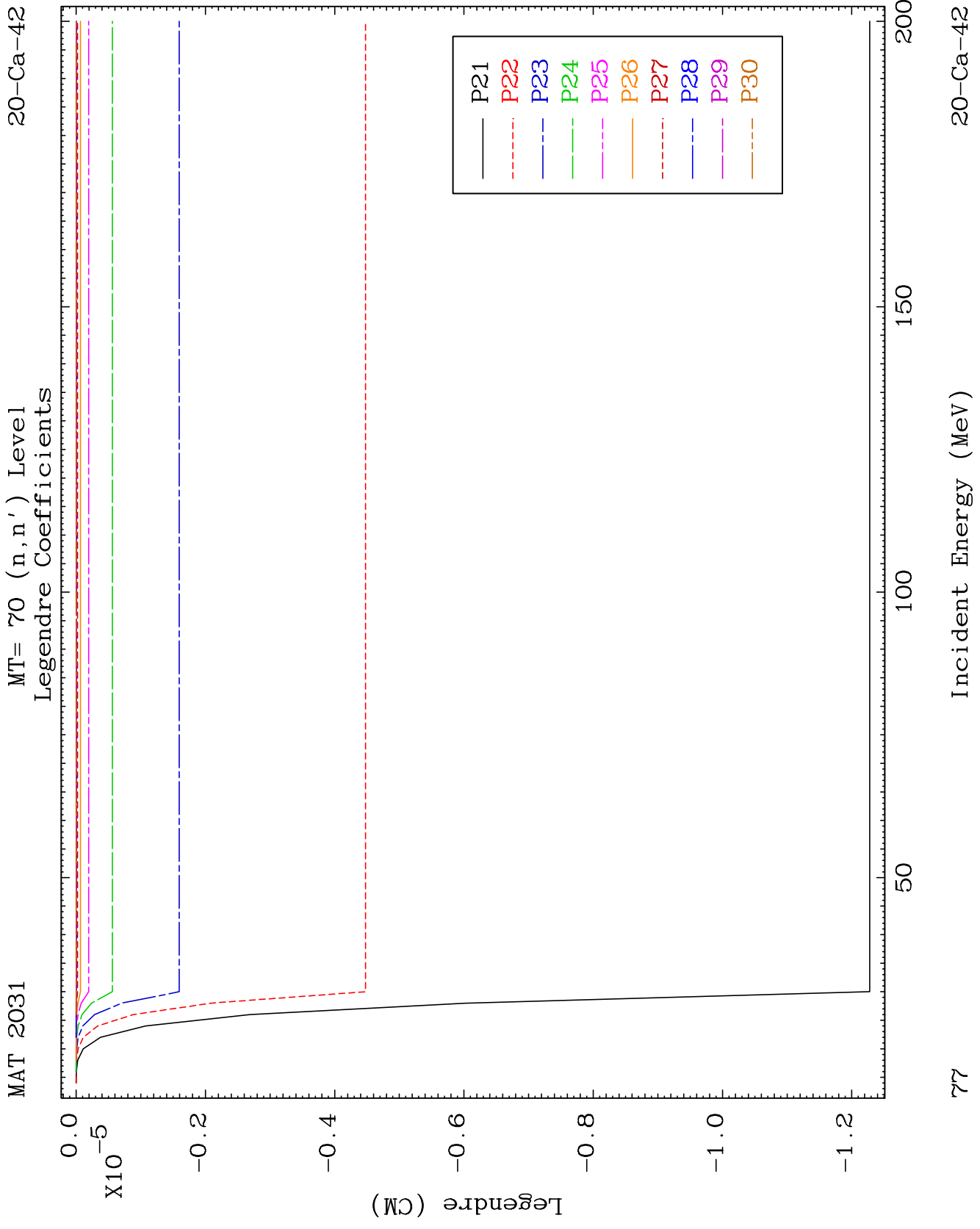
20-Ca-42

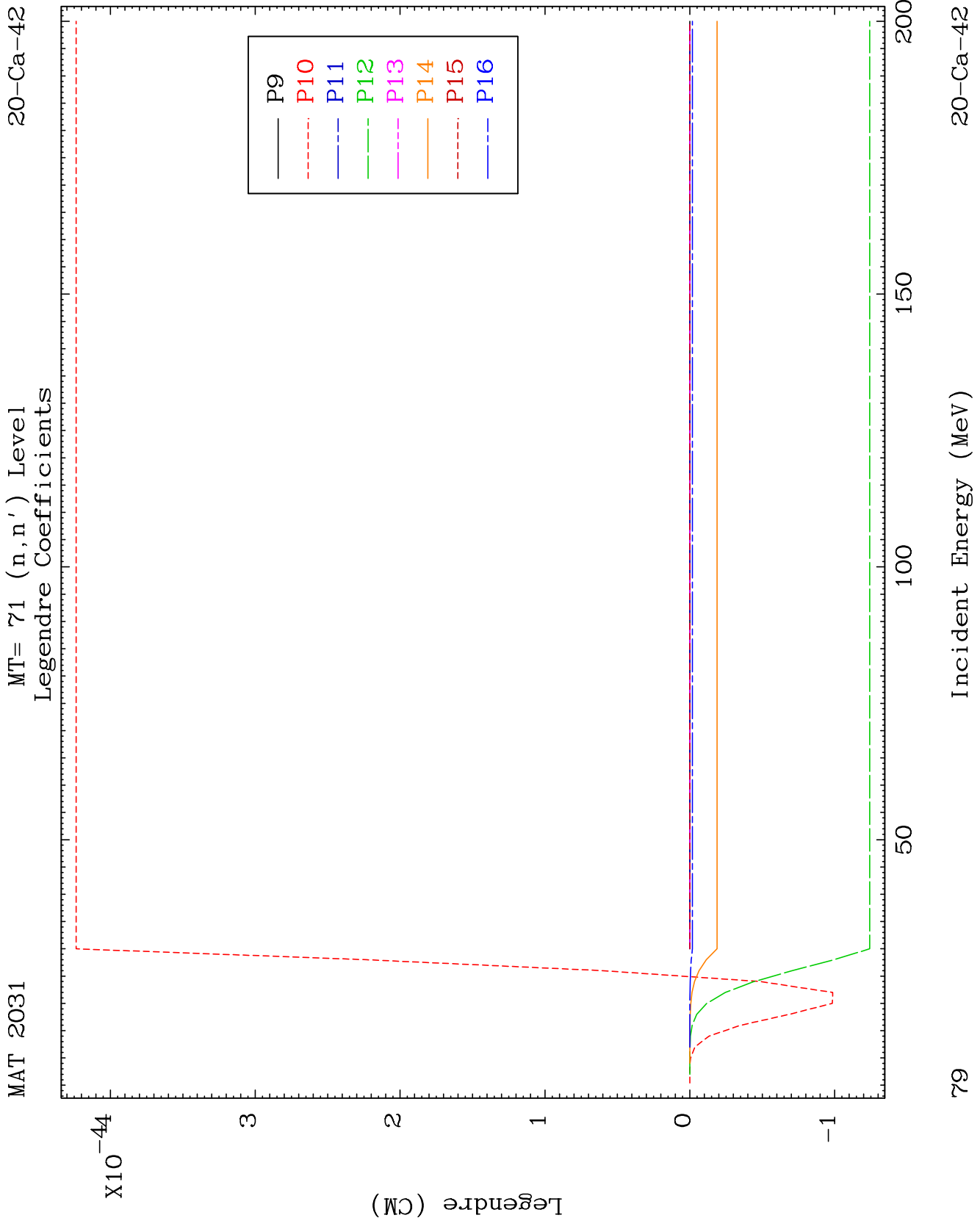


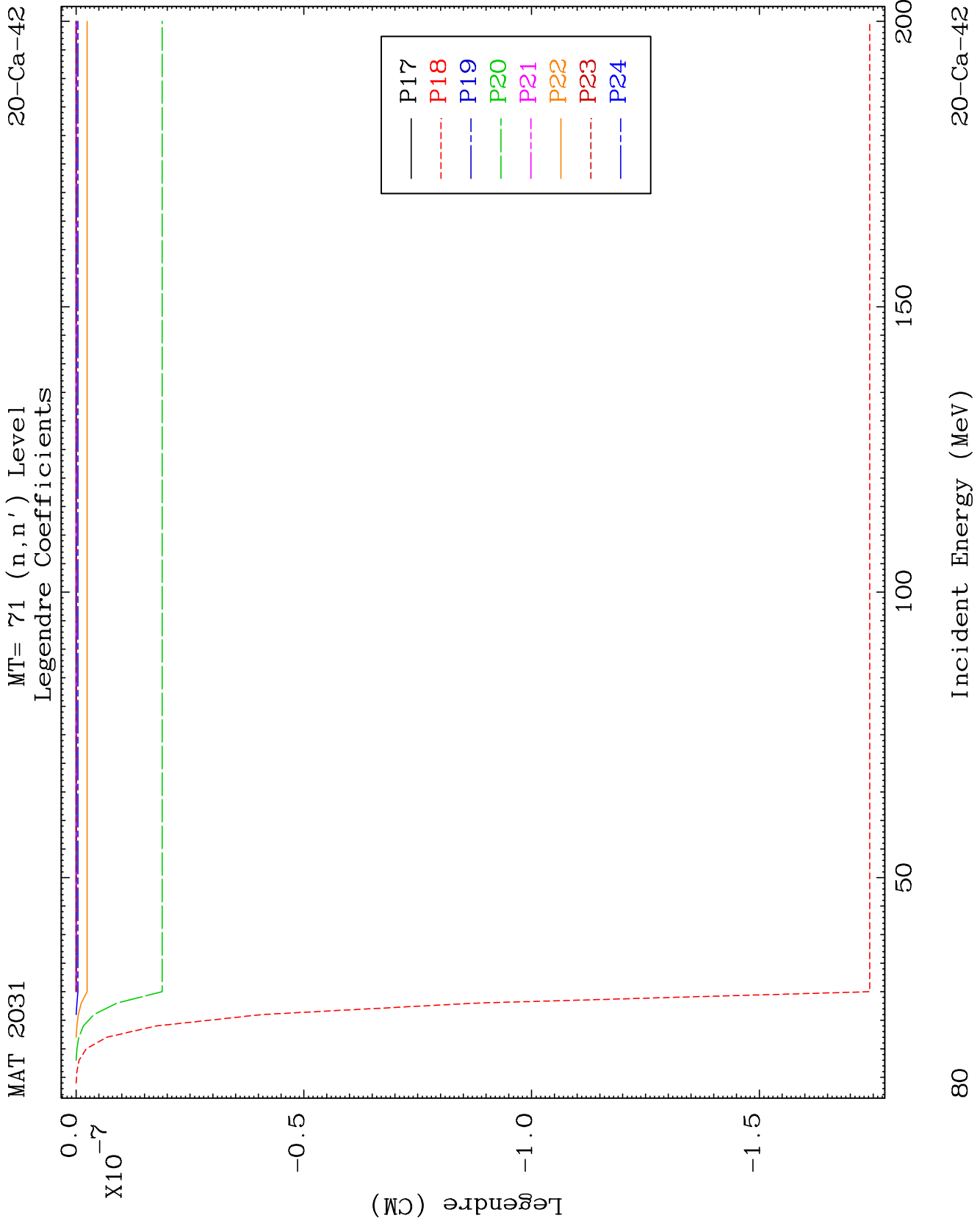
76

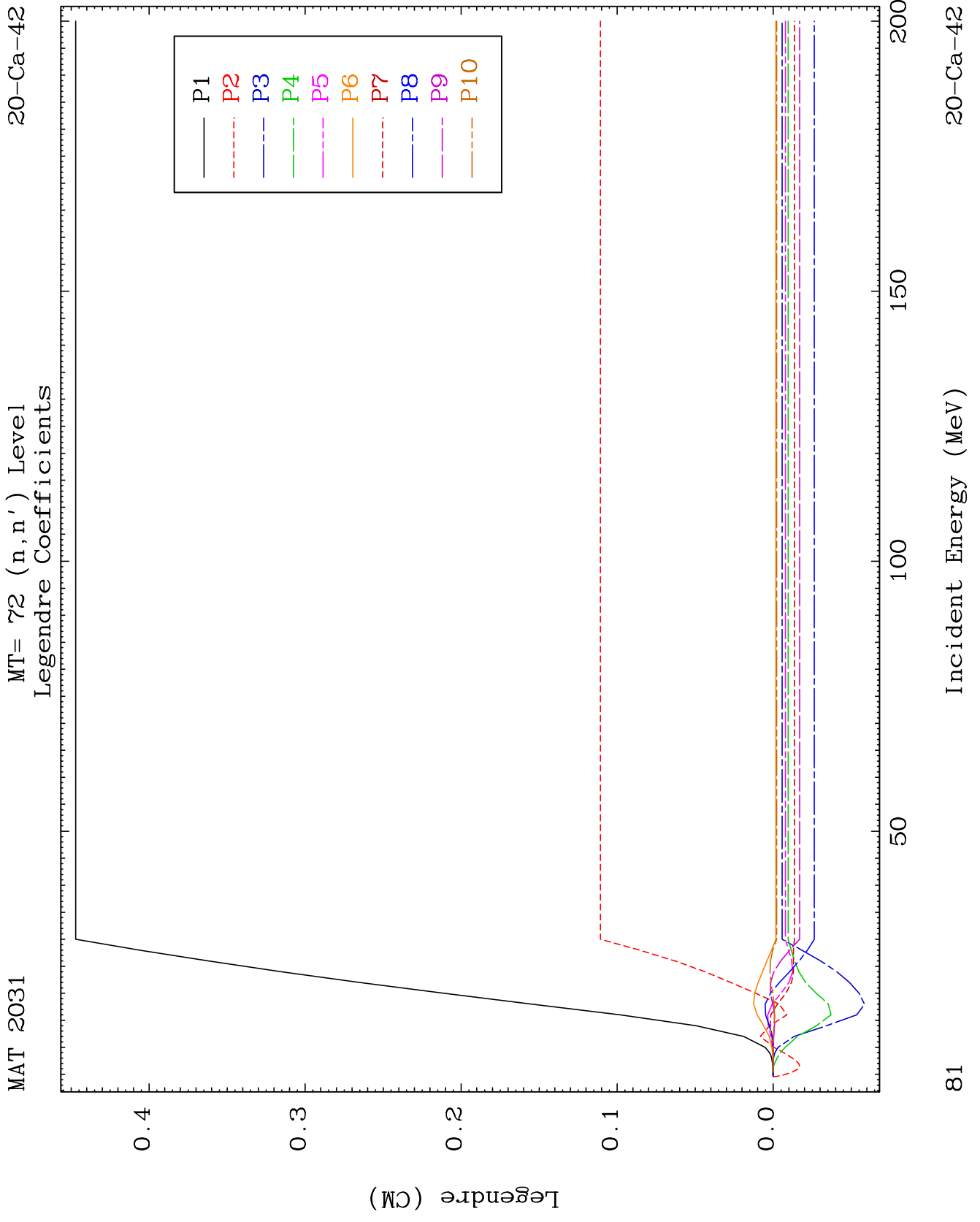
Incident Energy (MeV)

20-Ca-42





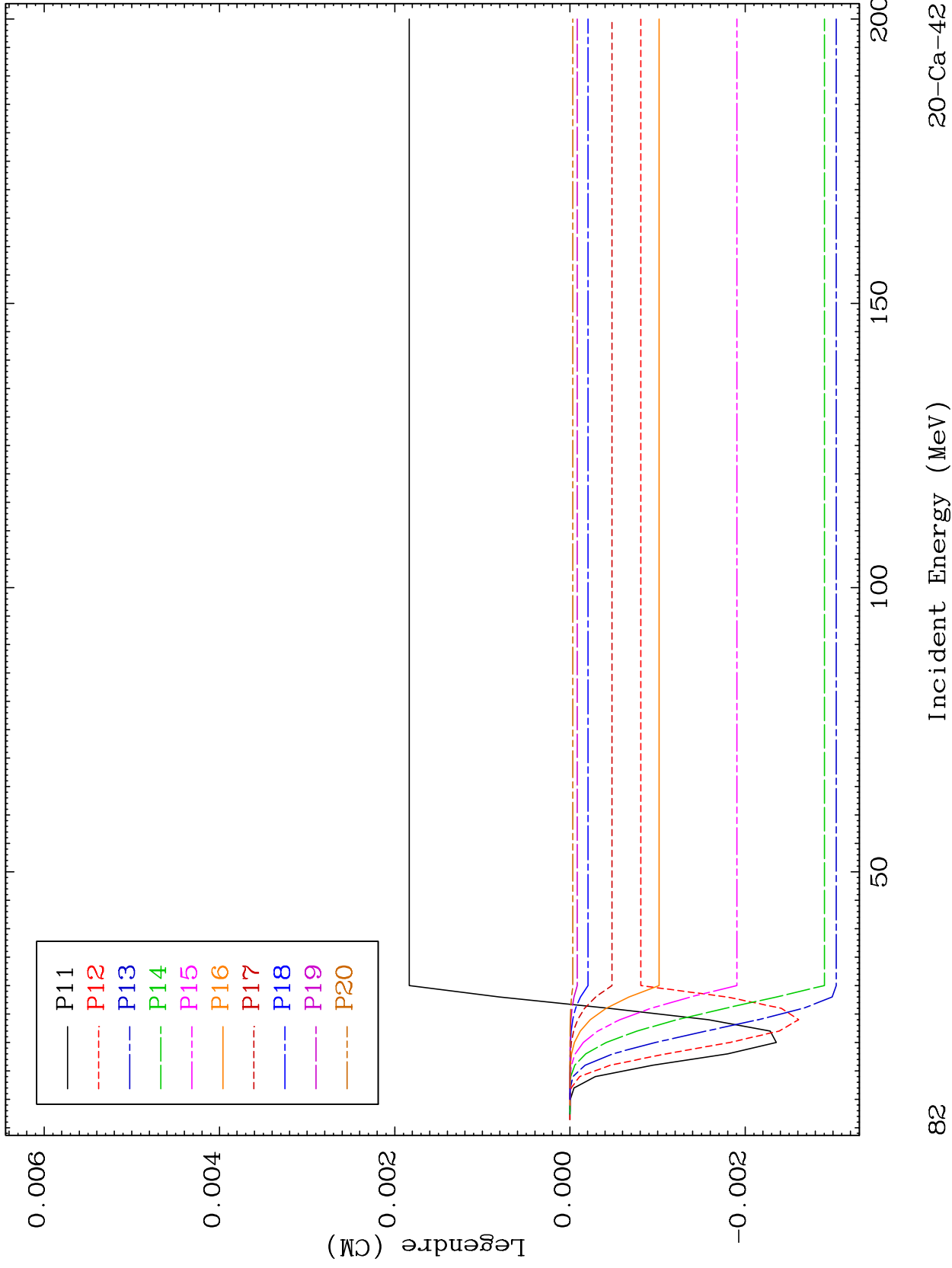




MAT 2031

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

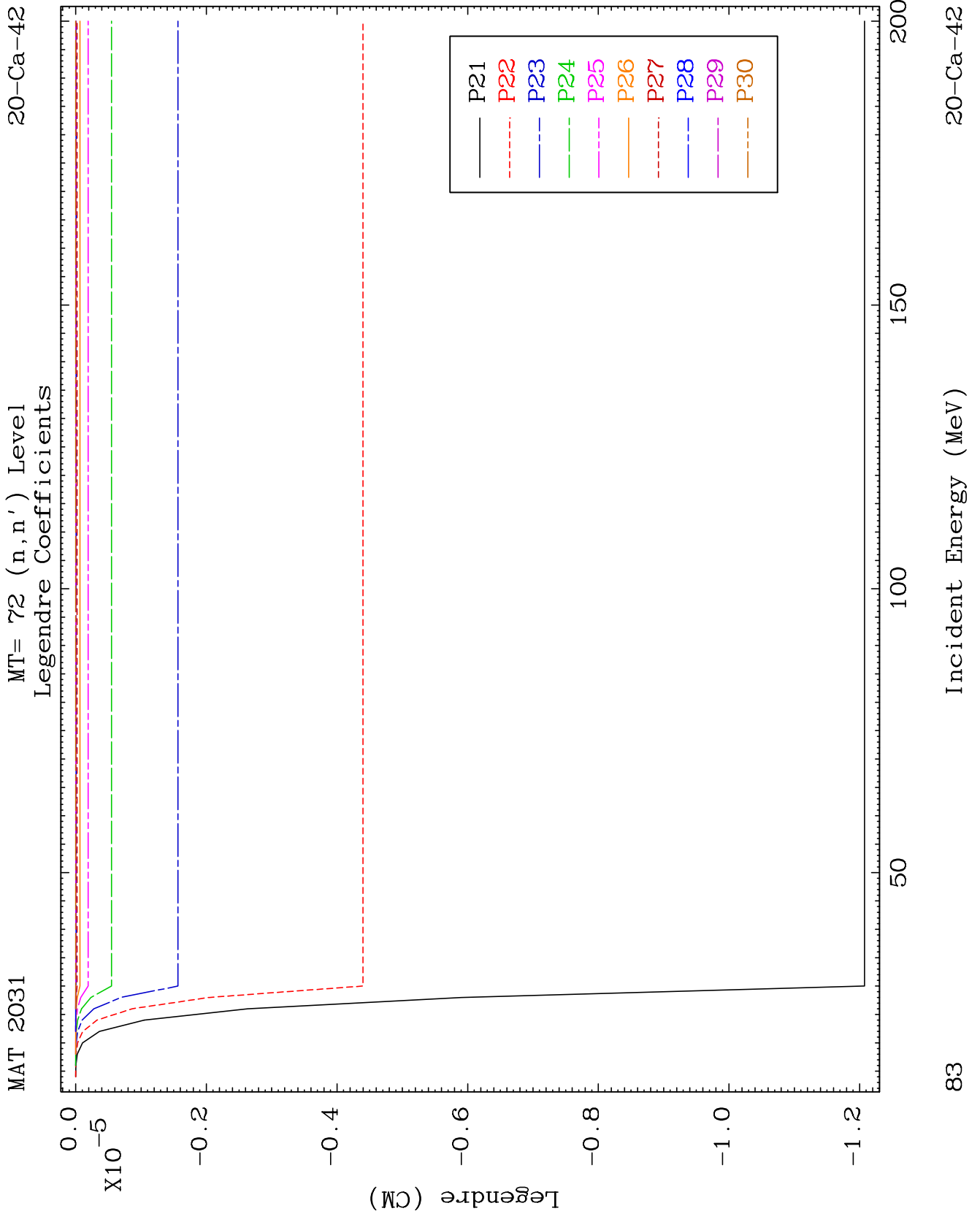
20-Ca-42

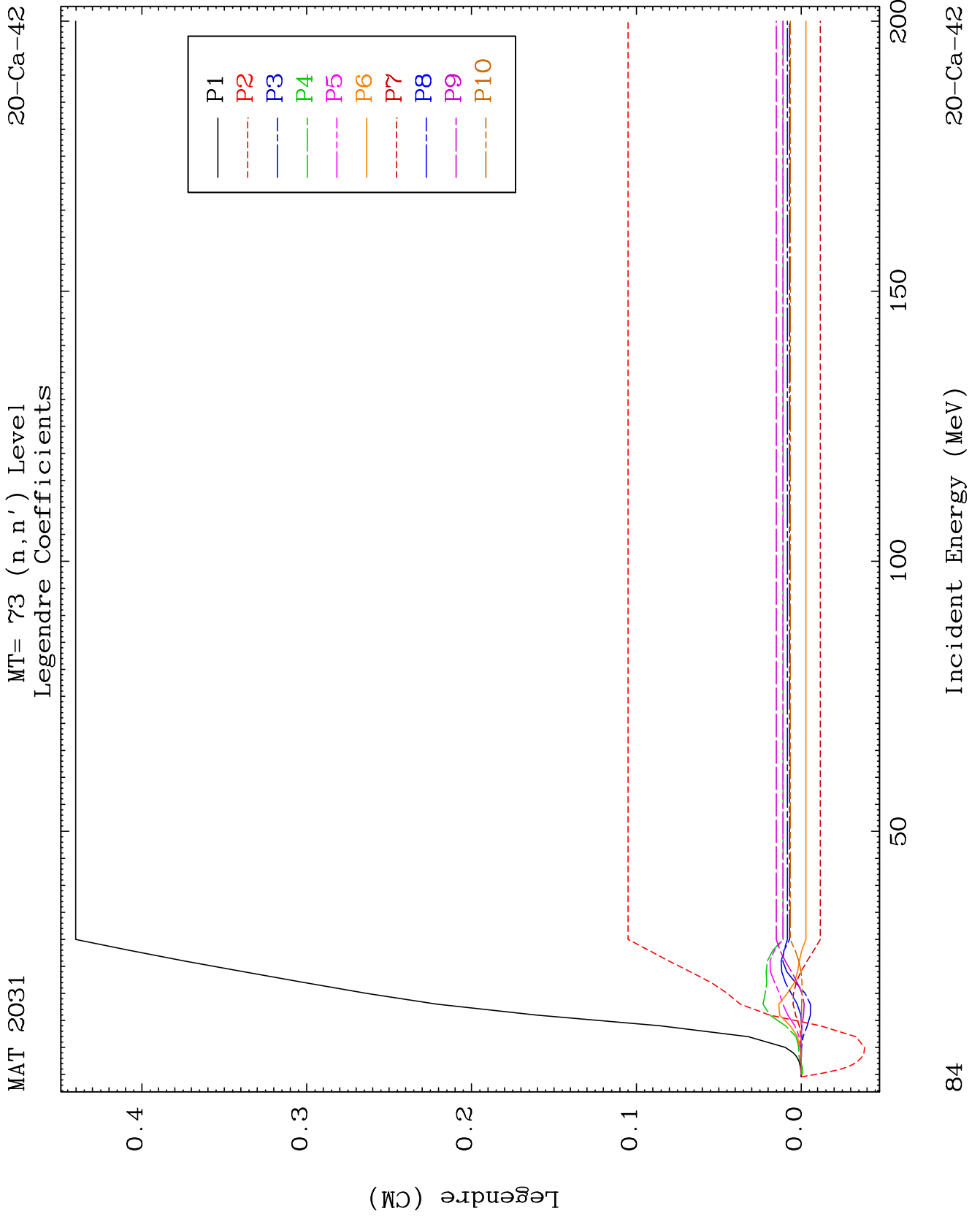


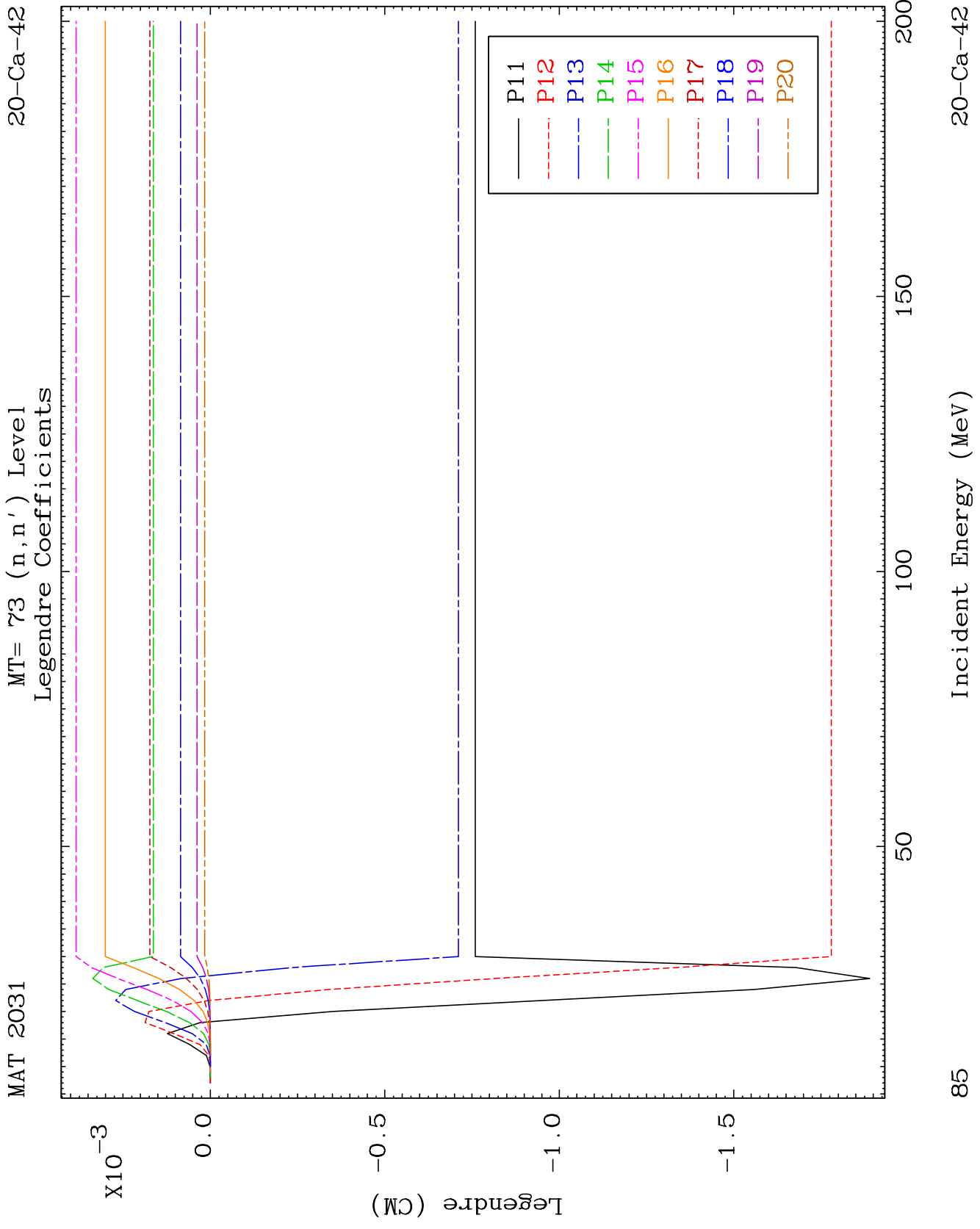
82

Incident Energy (MeV)

20-Ca-42



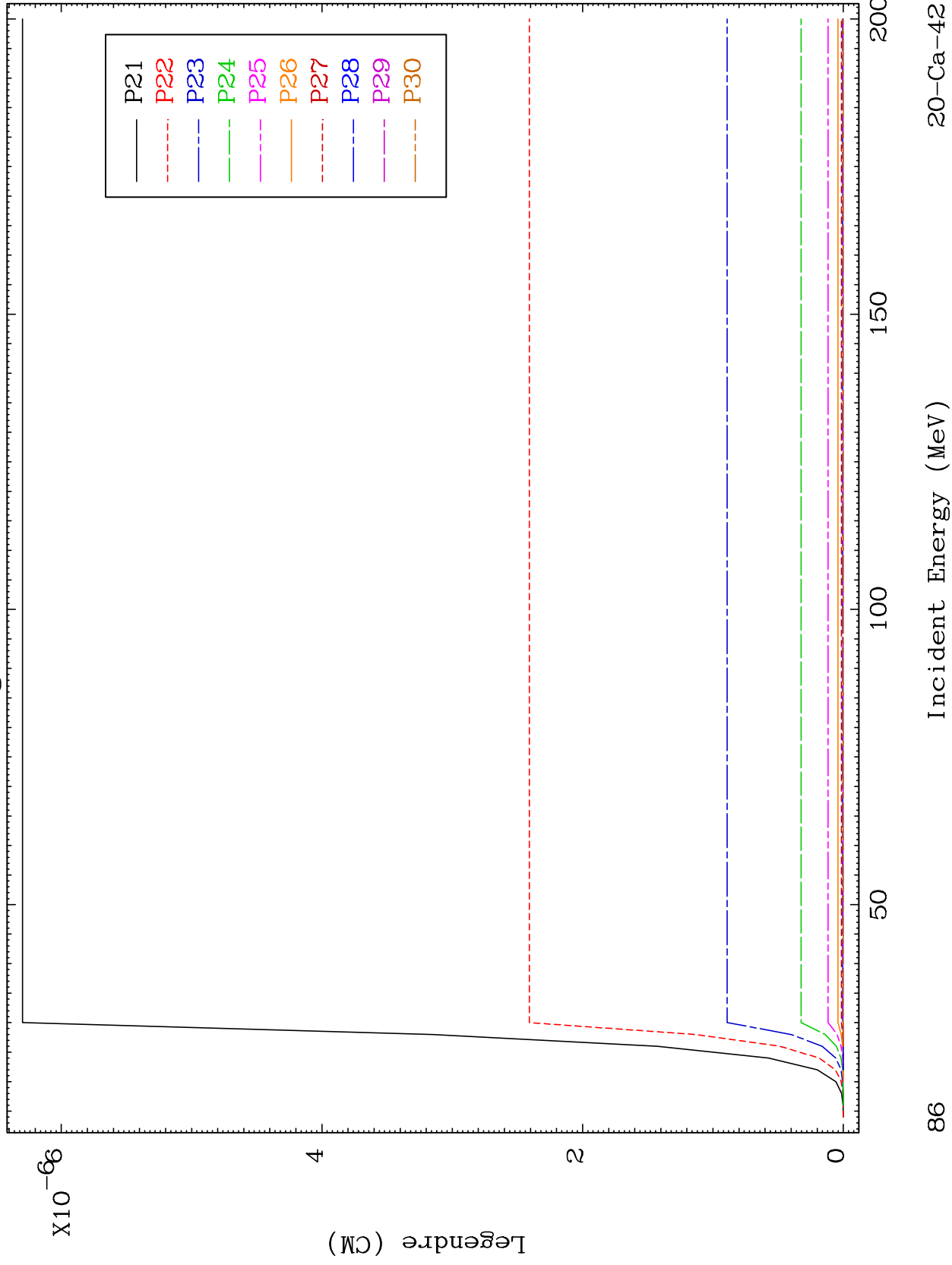




MAT 2031

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

20-Ca-42



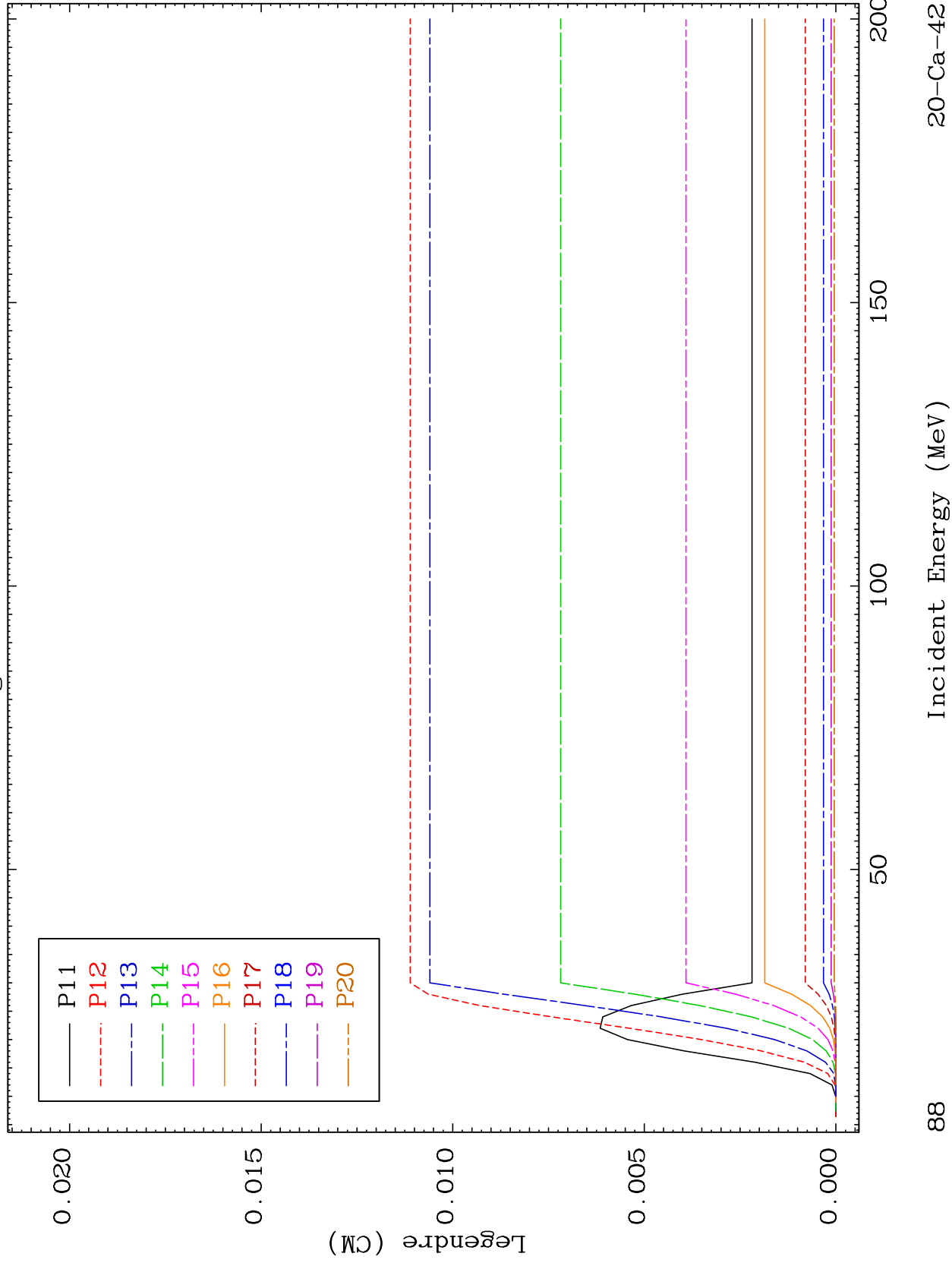
86

20-Ca-42

MAT 2031

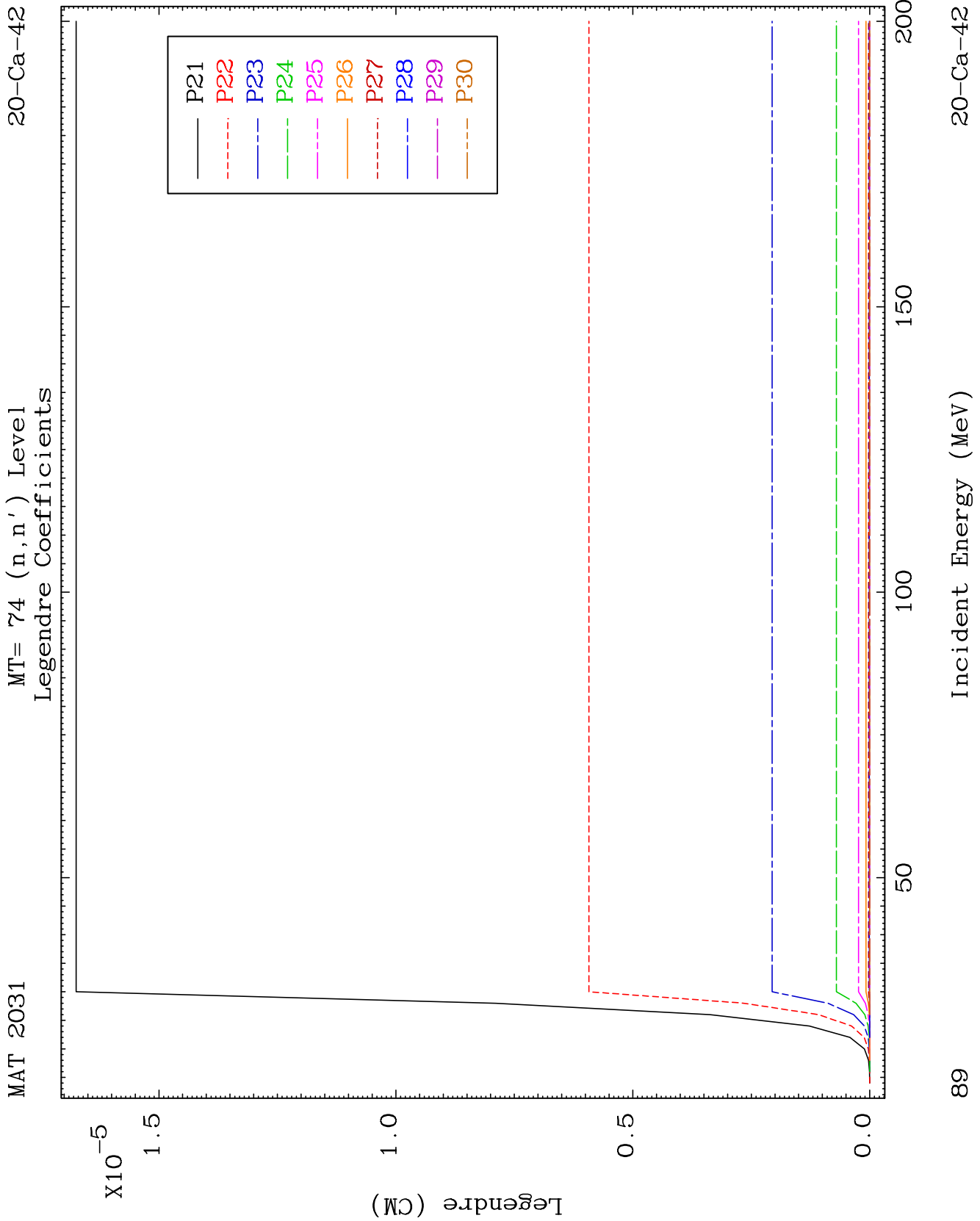
MT= 74 (n,n') Level
Legendre Coefficients

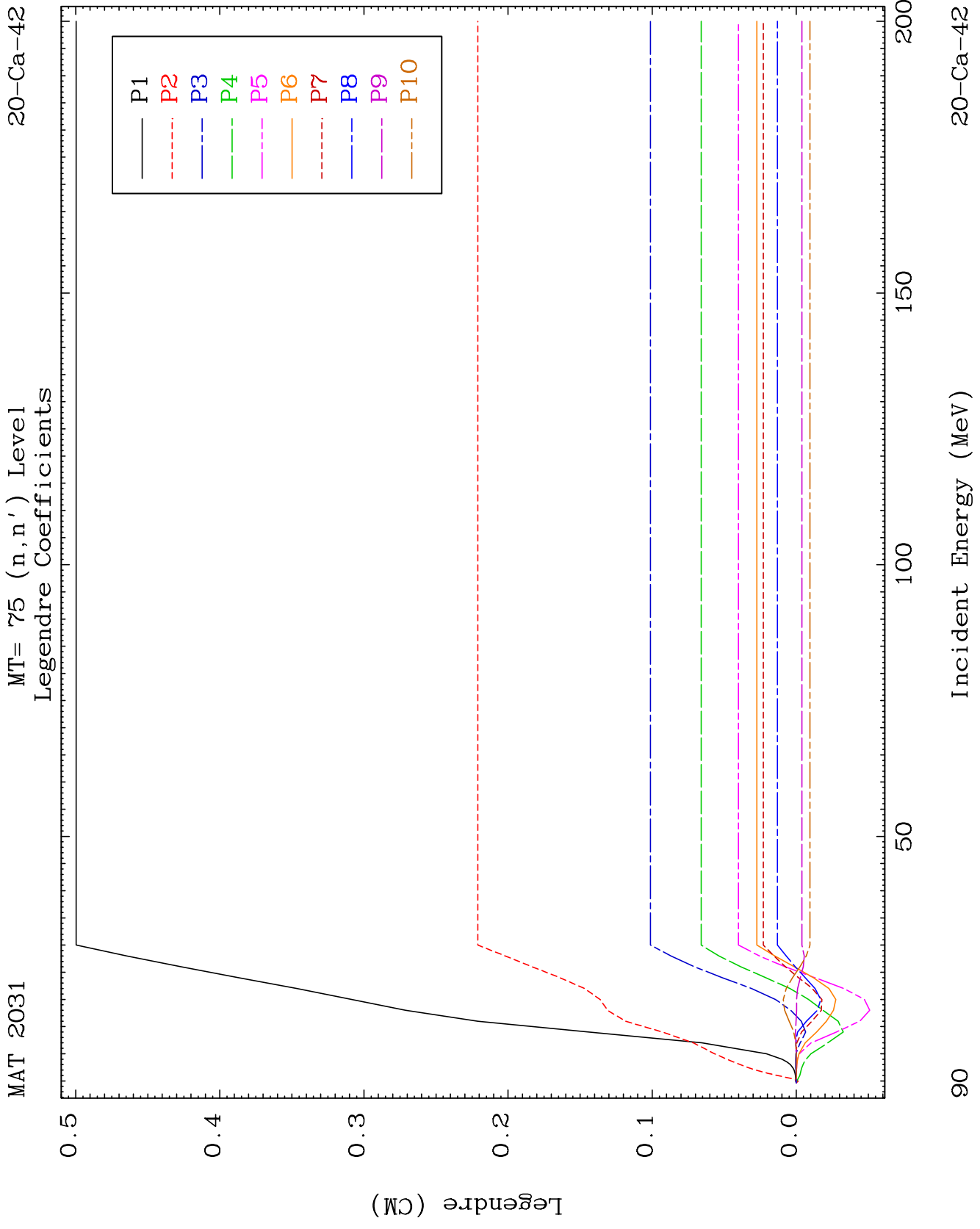
20-Ca-42



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20-Ca-42

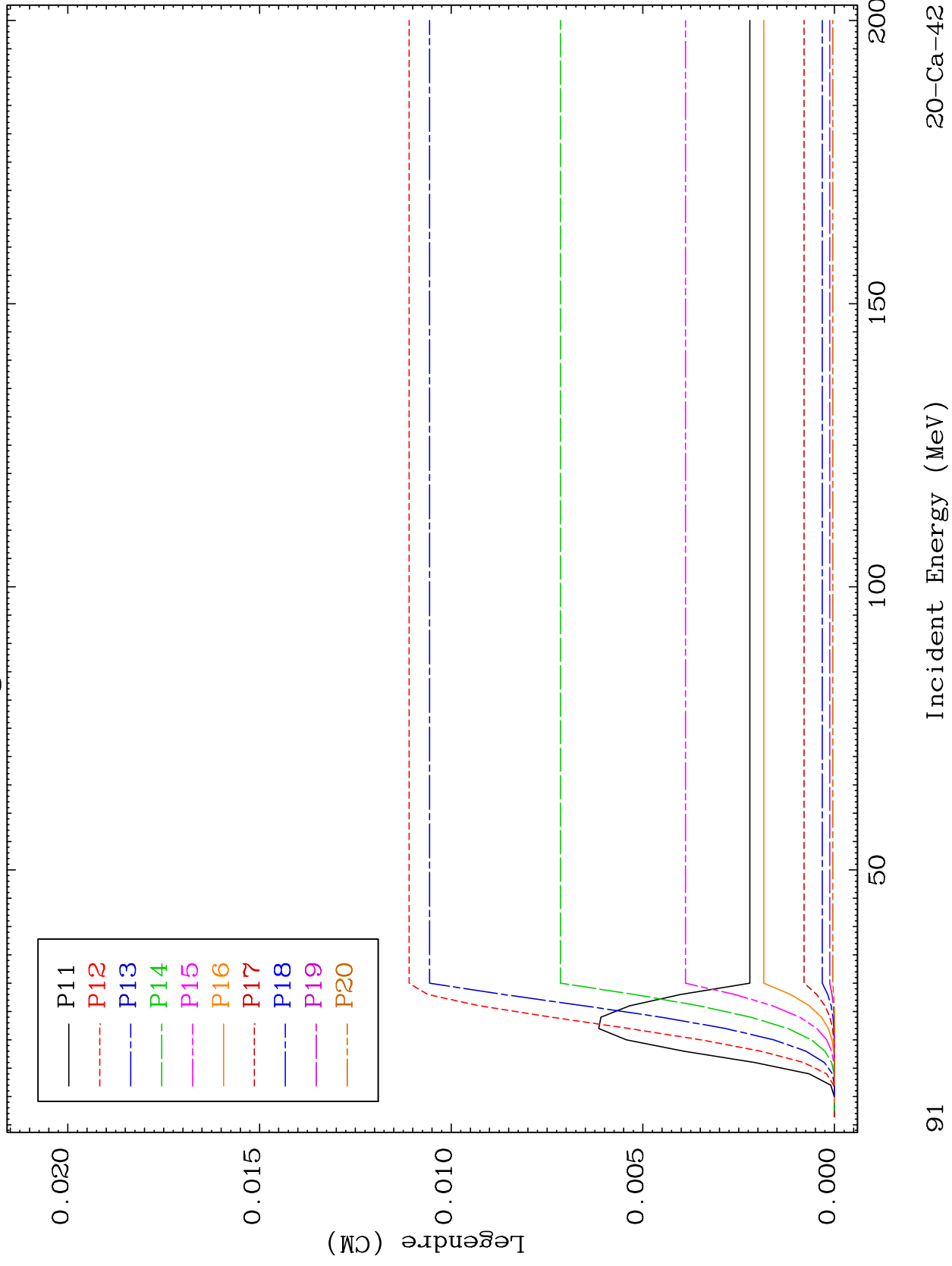


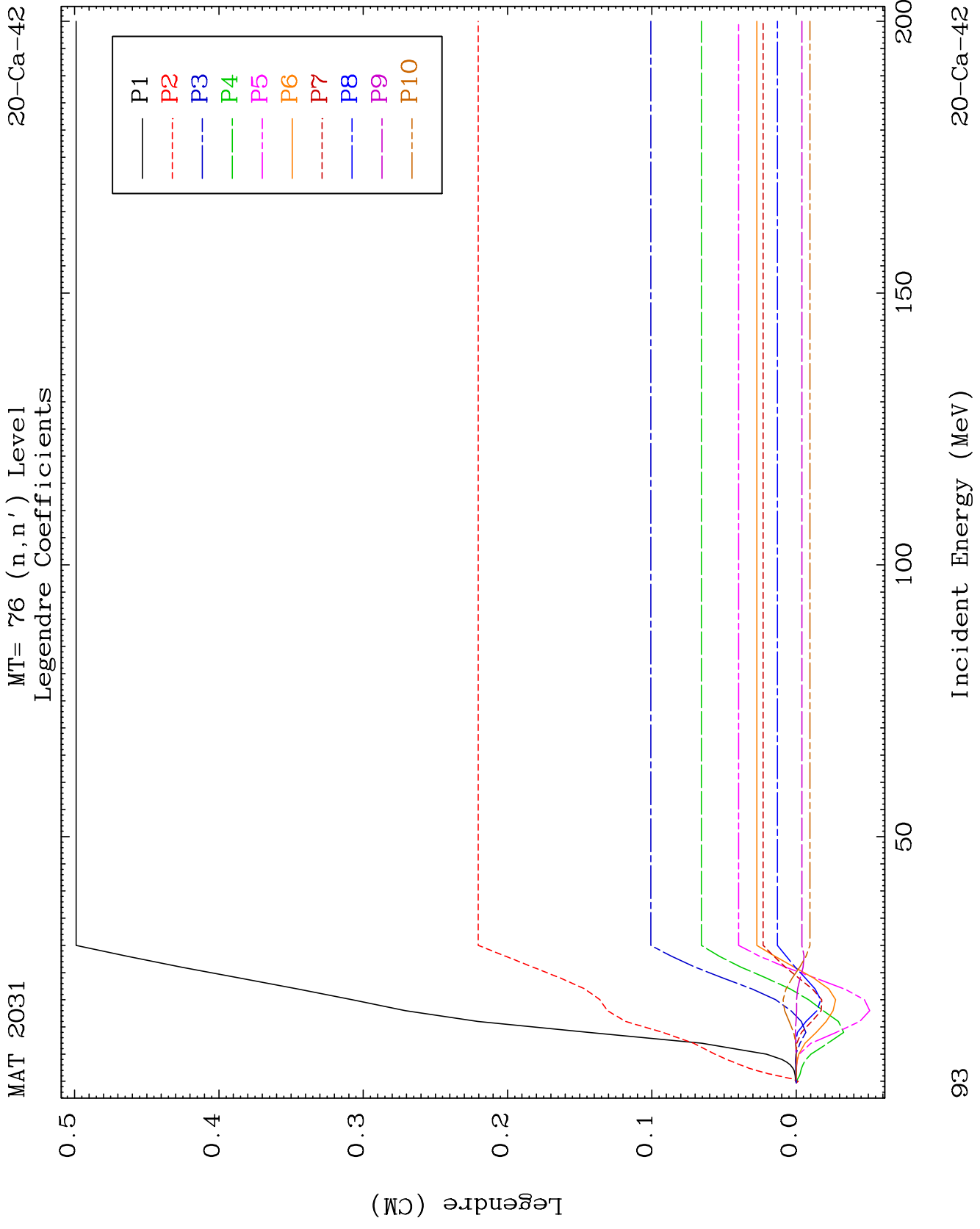


MAT 2031

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

20-Ca-42

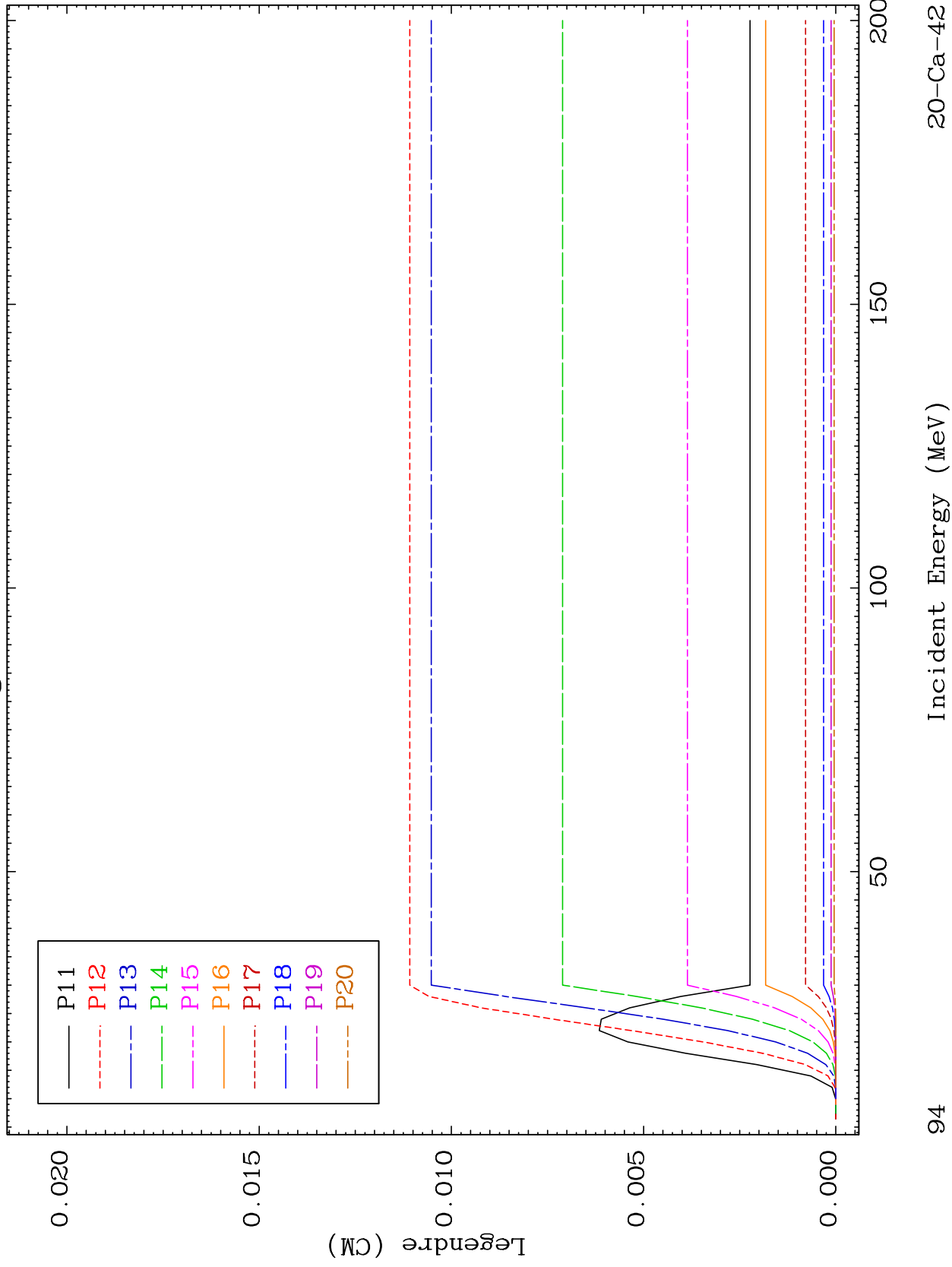


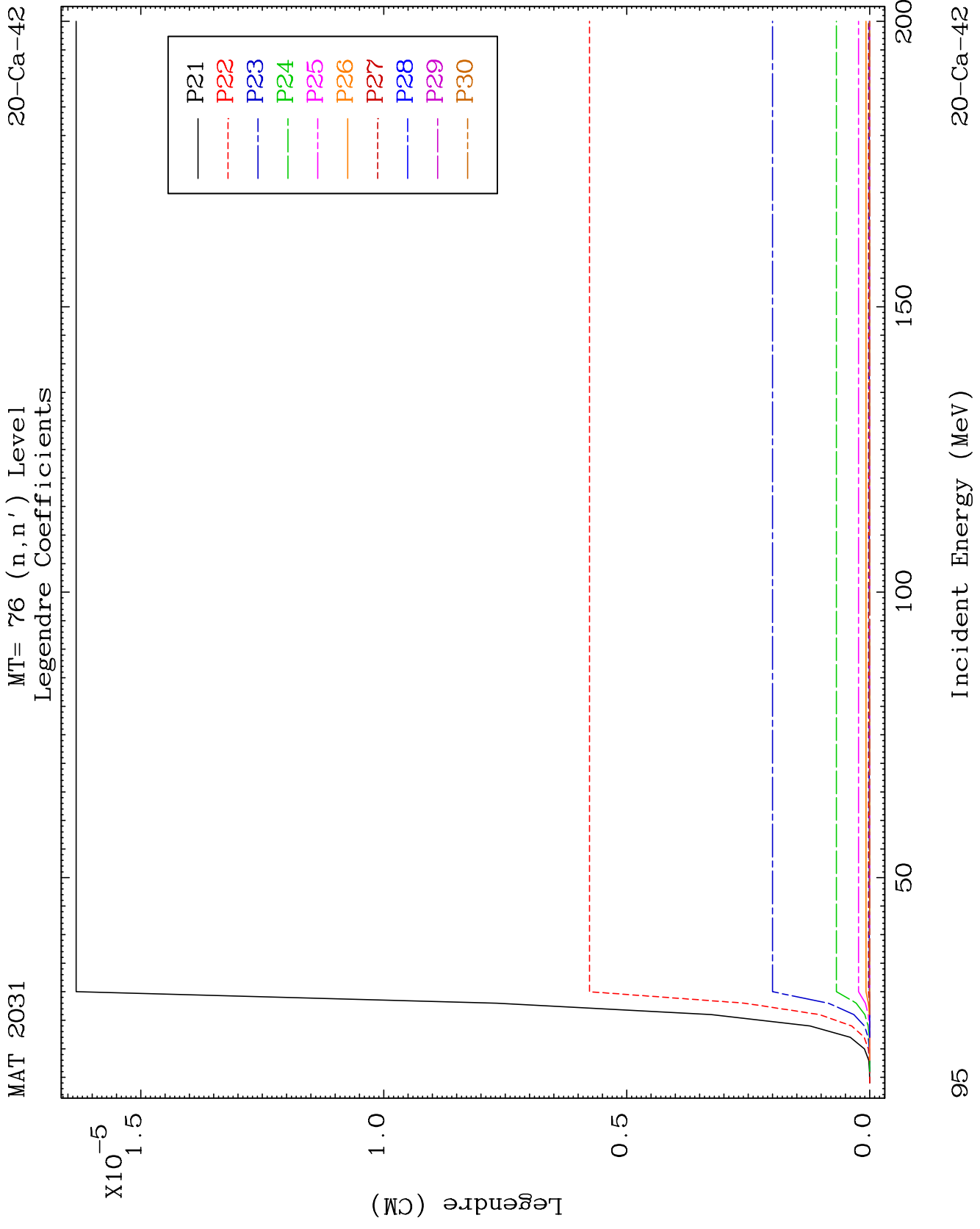


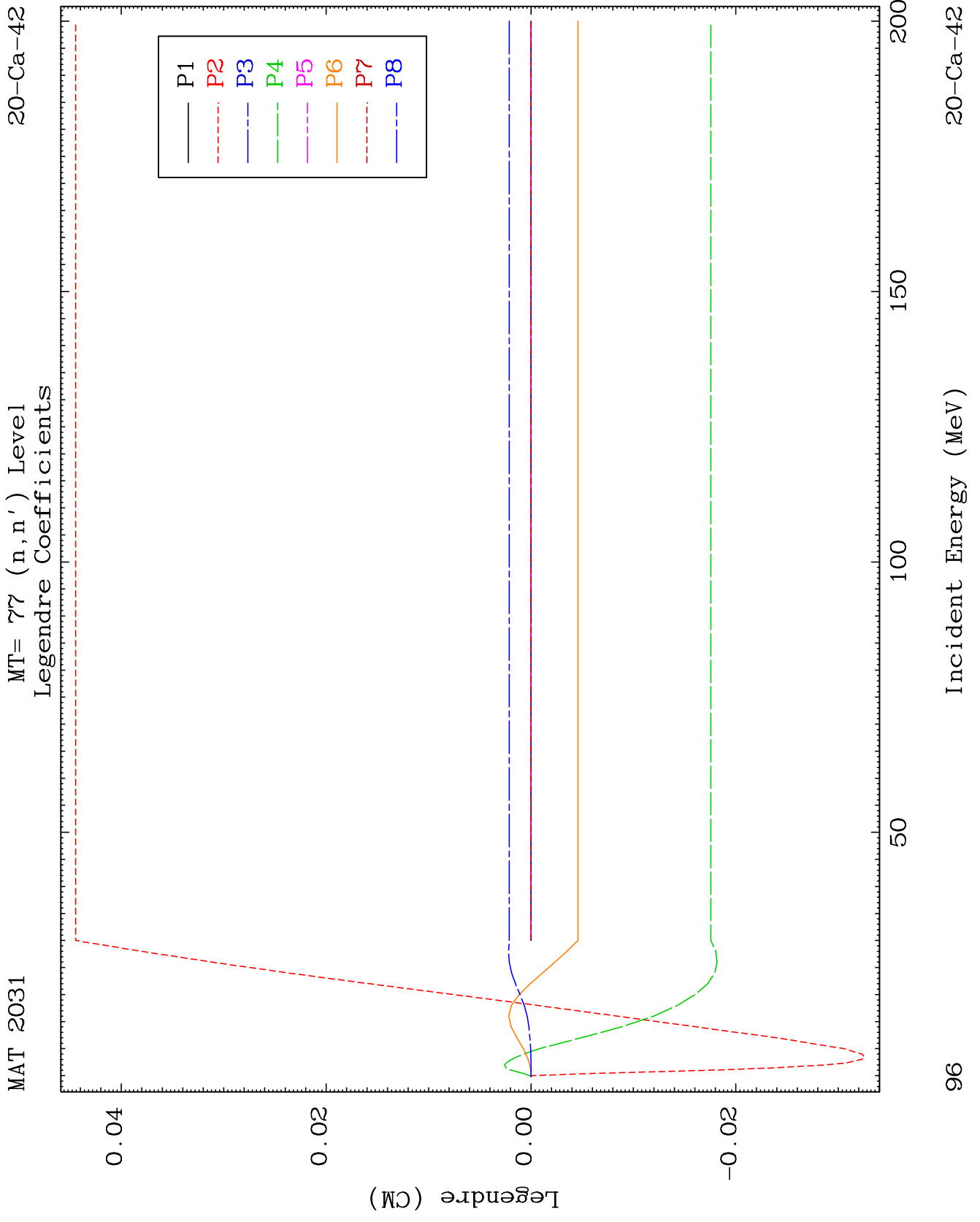
MAT 2031

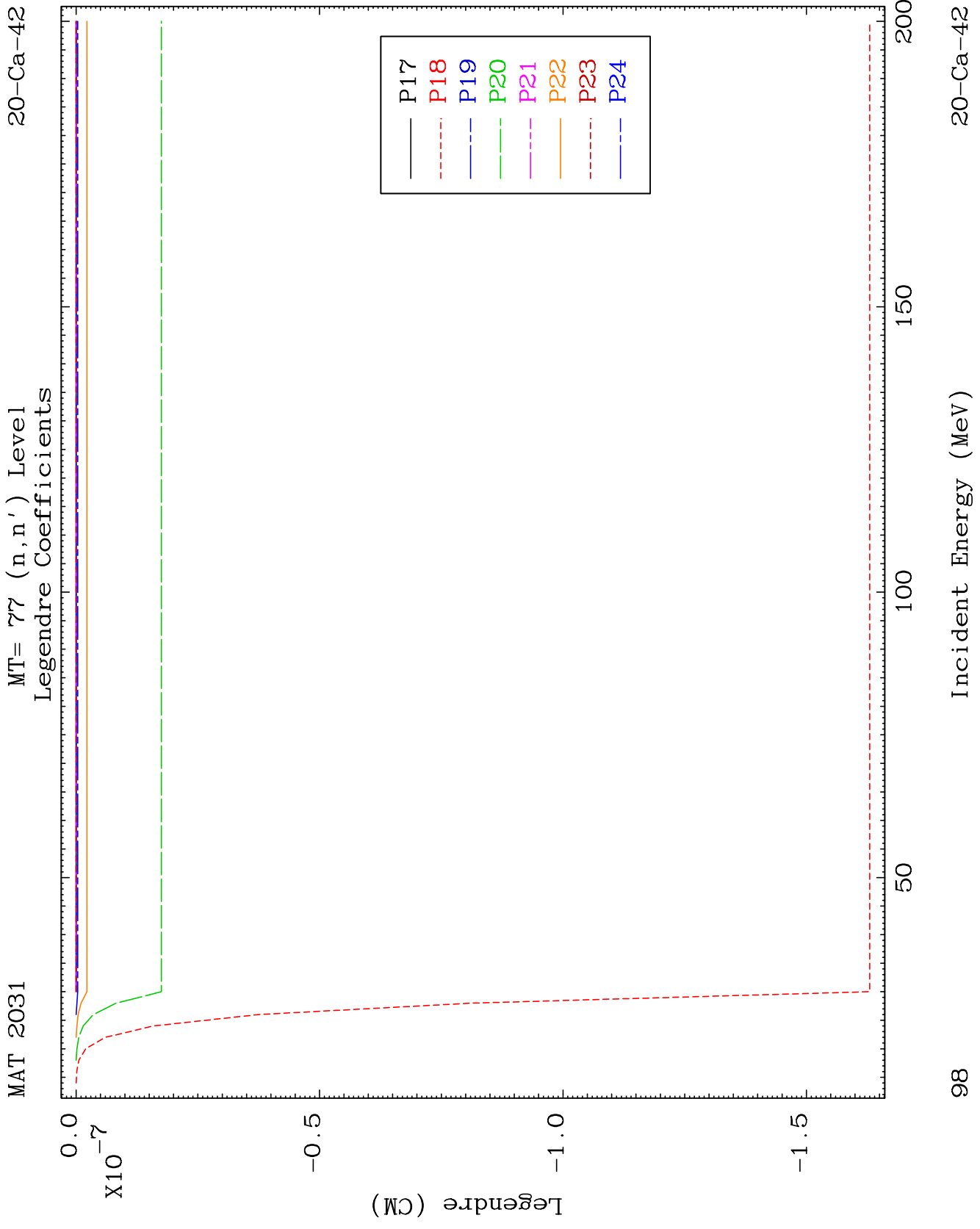
MT= 76 (n,n') Level
Legendre Coefficients

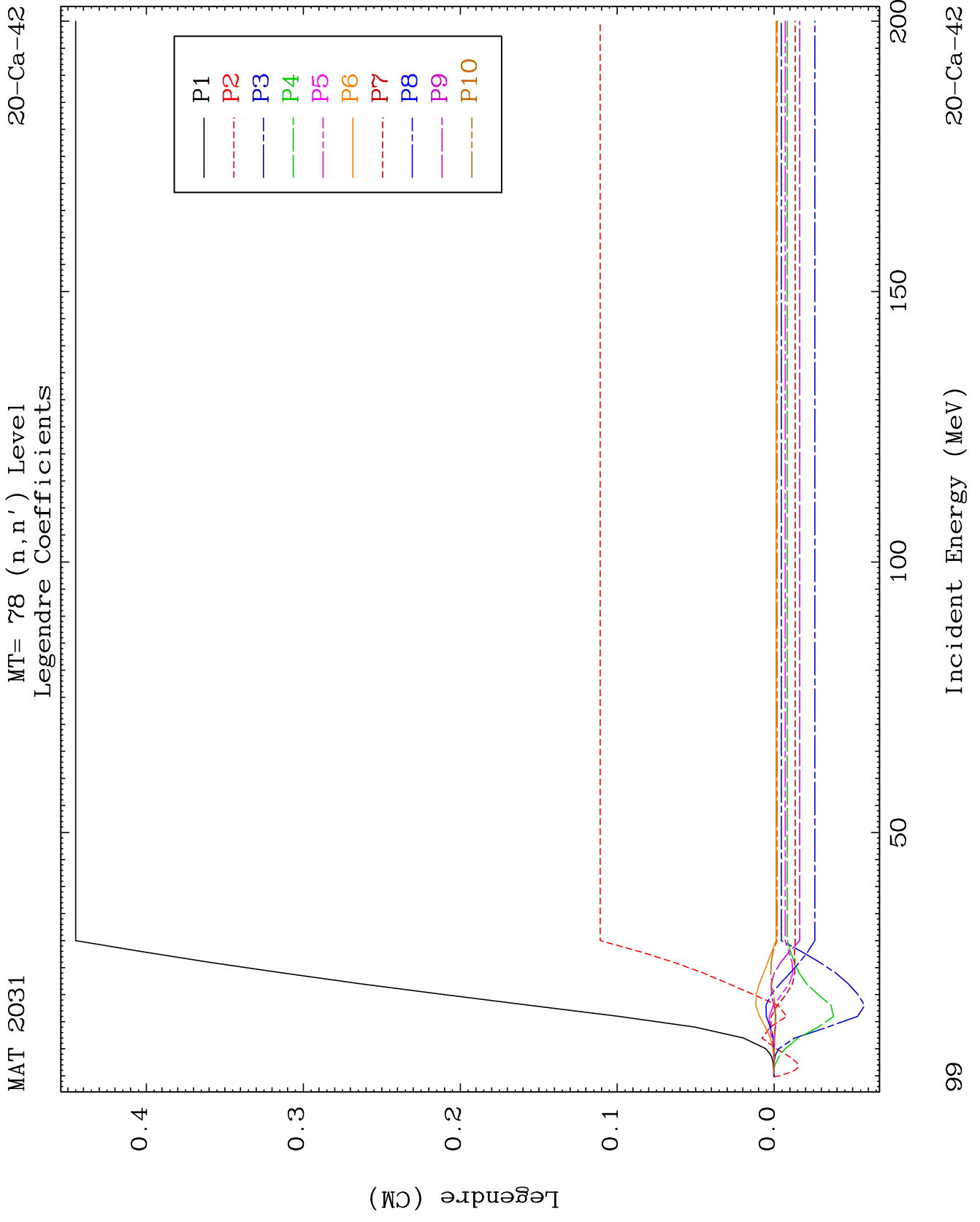
20-Ca-42

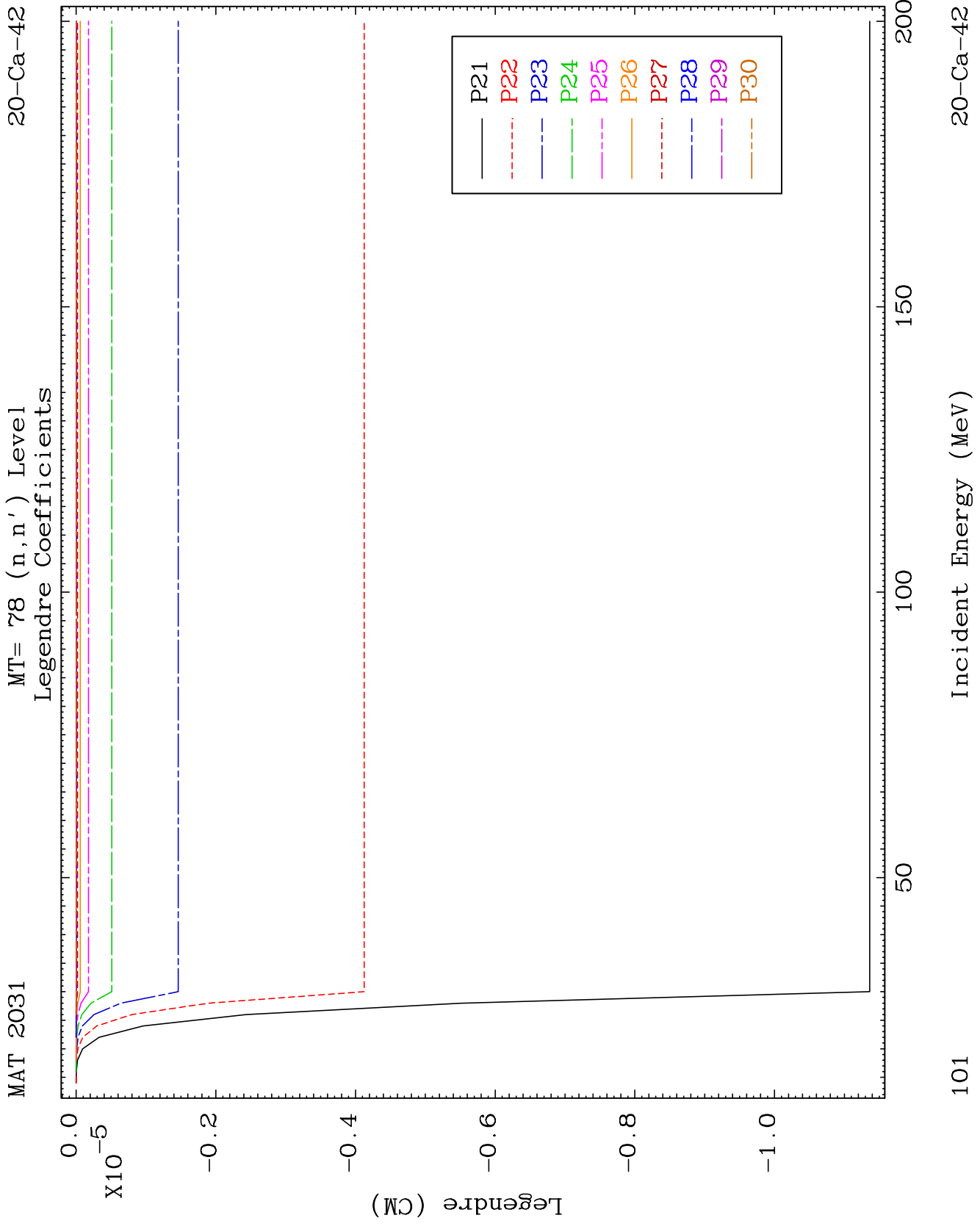


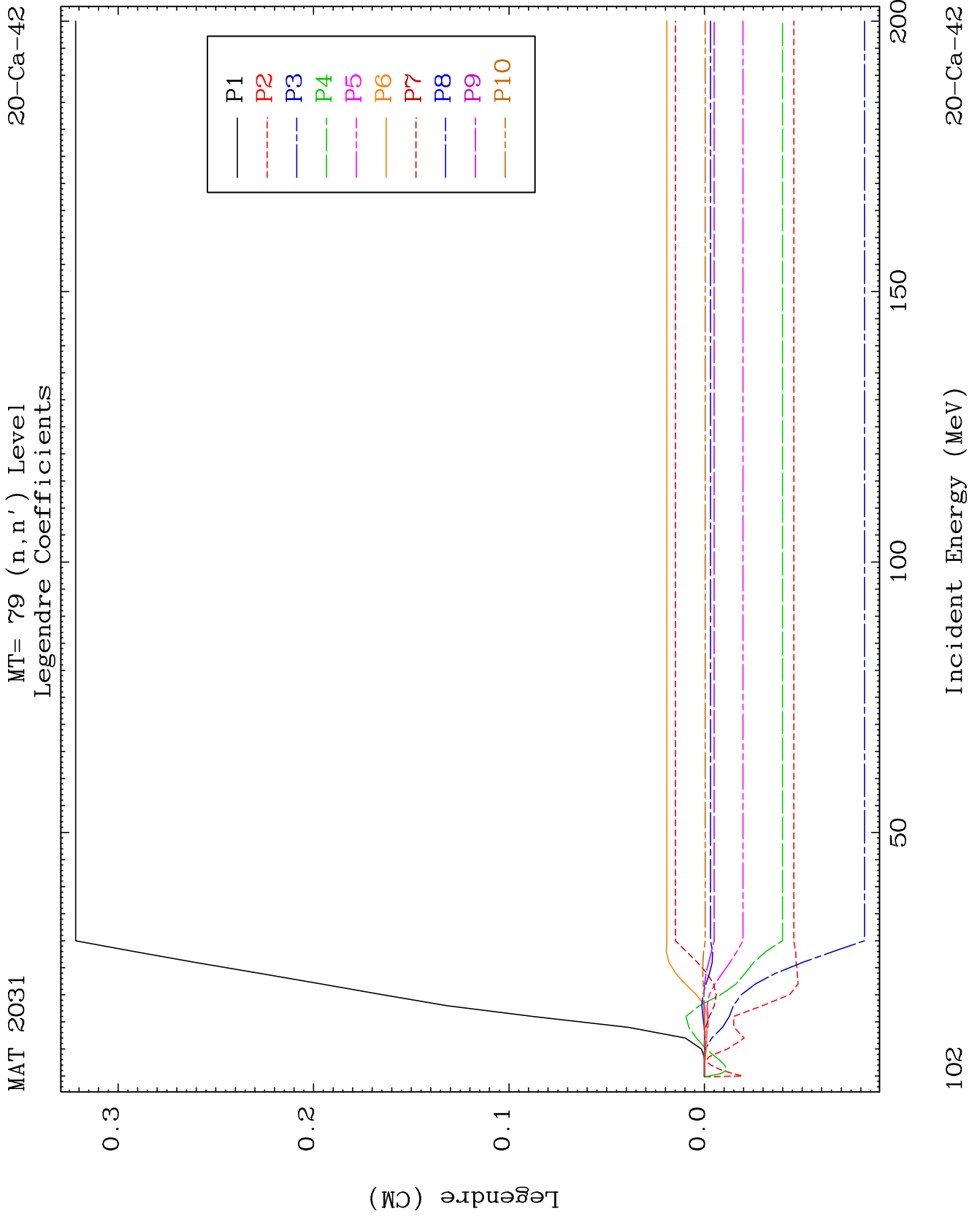








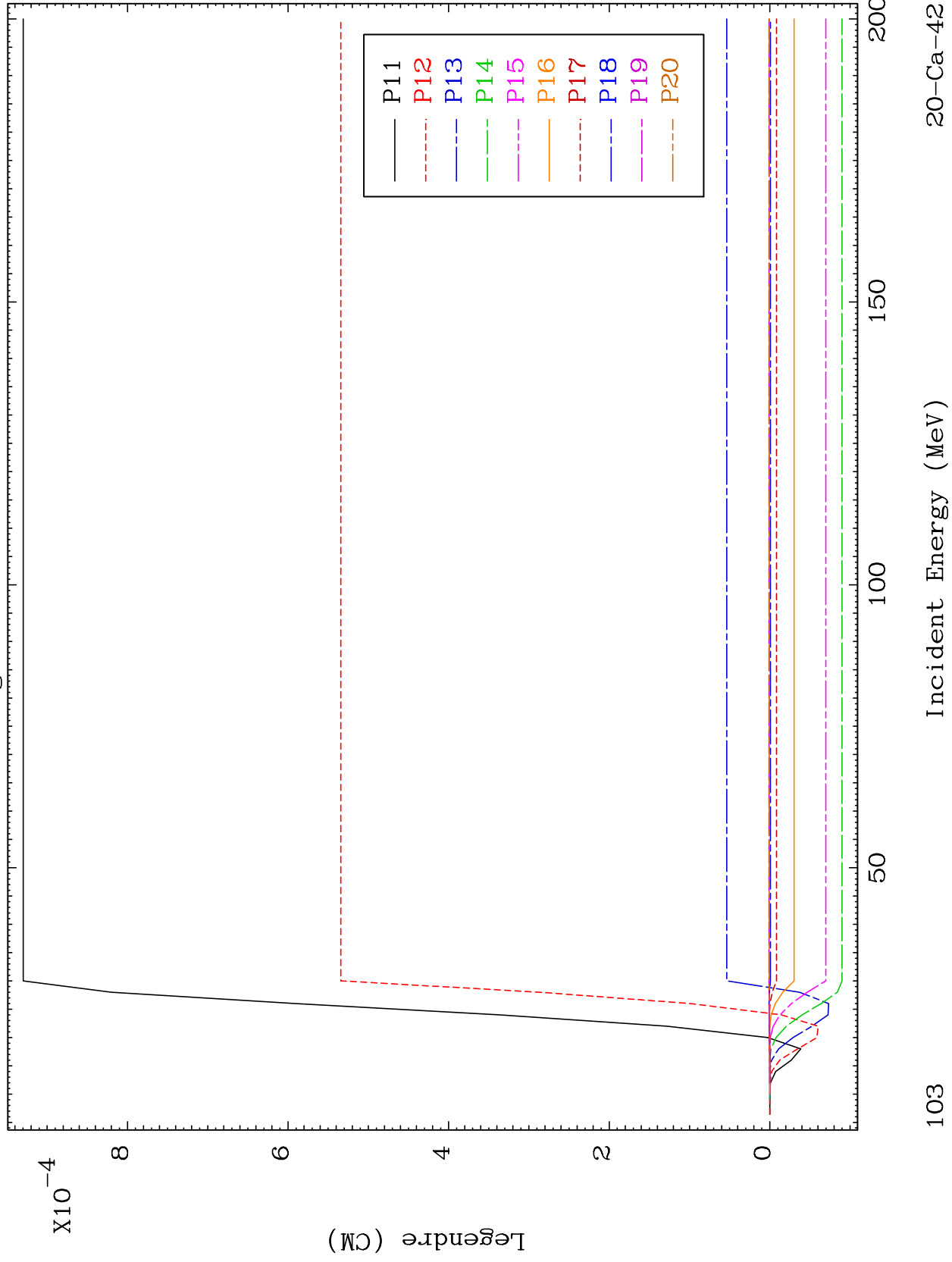


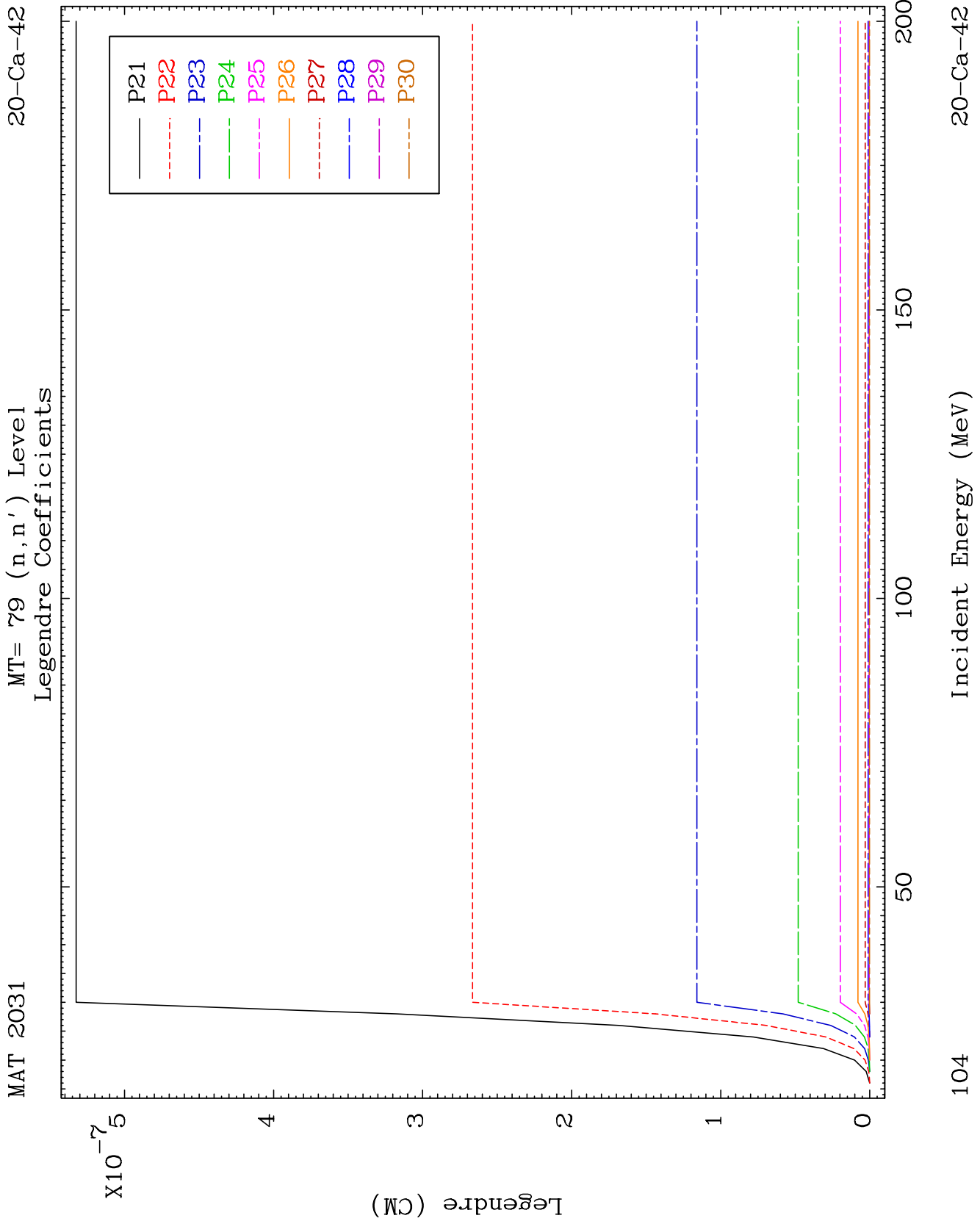


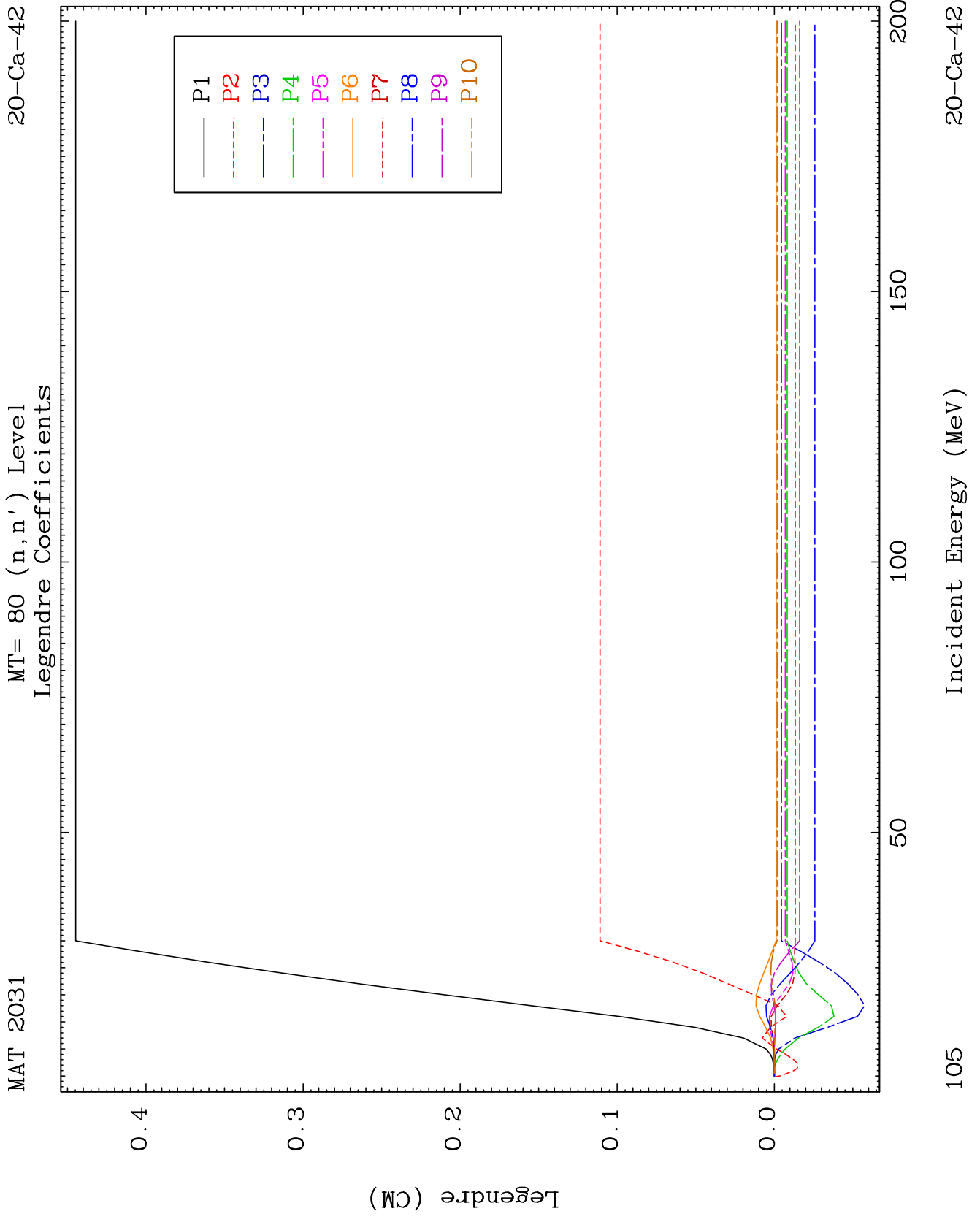
MAT 2031

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

20-Ca-42



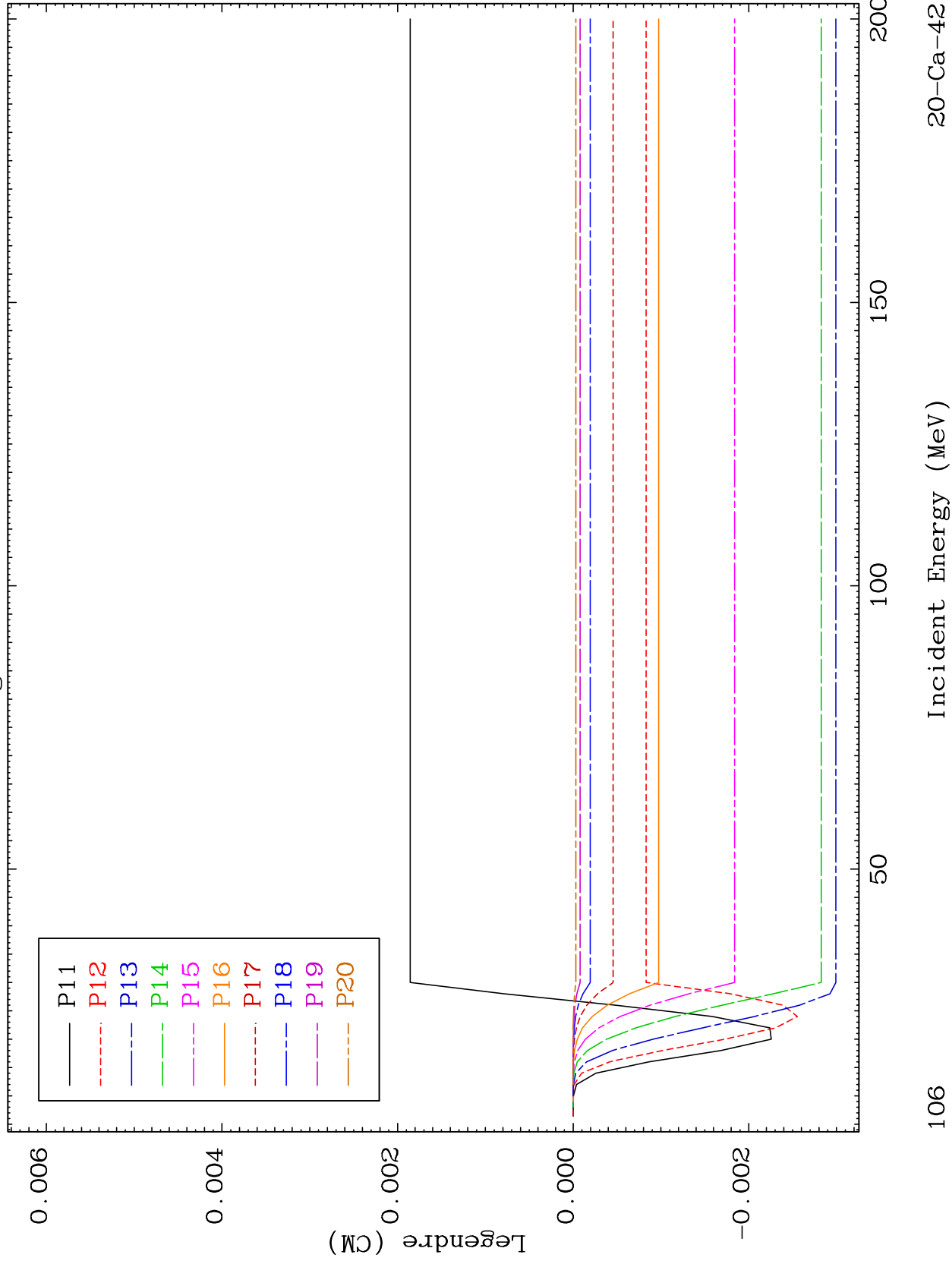




MAT 2031

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

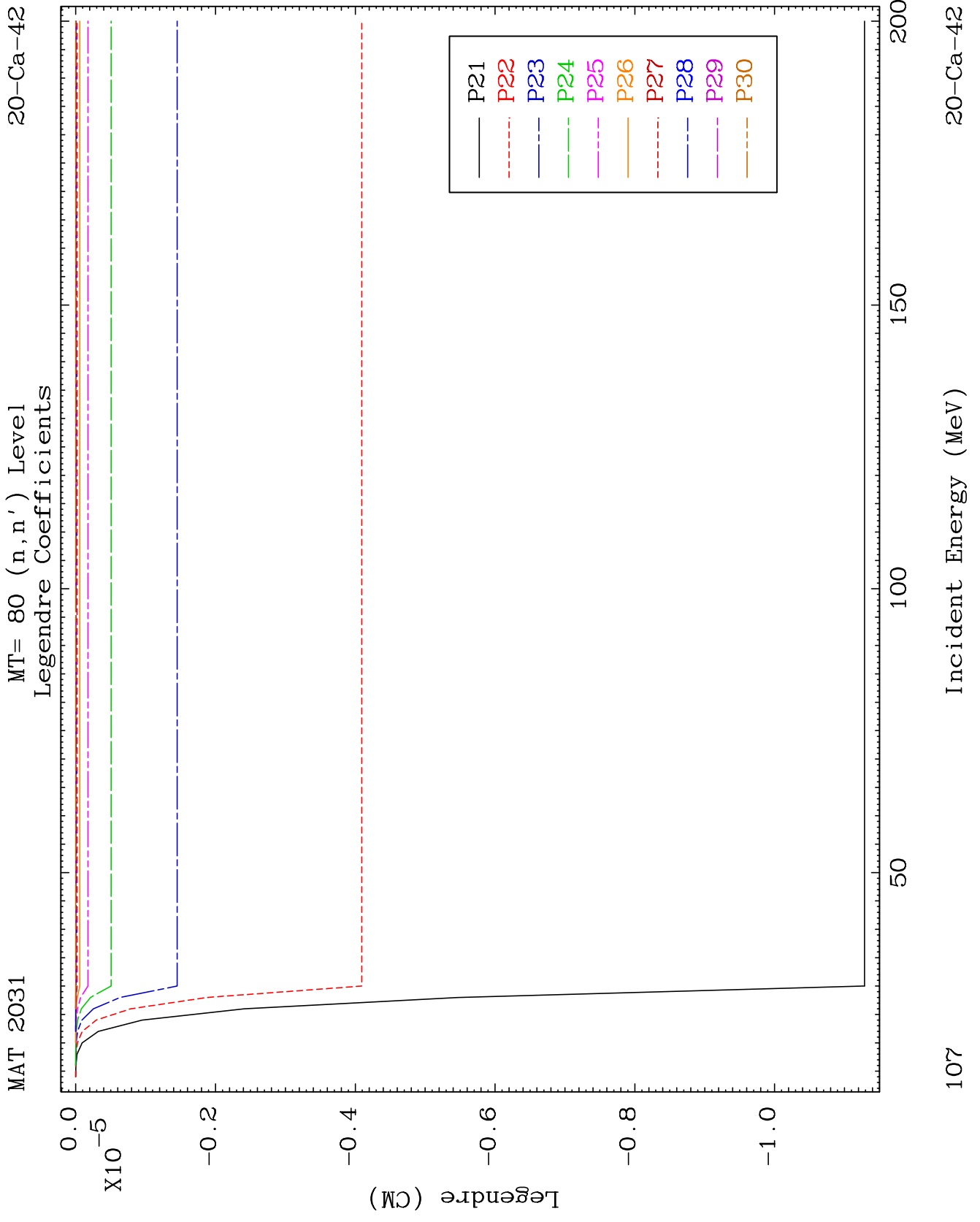
20-Ca-42



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Incident Energy (MeV)

20-Ca-42



Radionuclide Production Cross Section

