

Program EVALPLOT
(Version 2017-1)

by

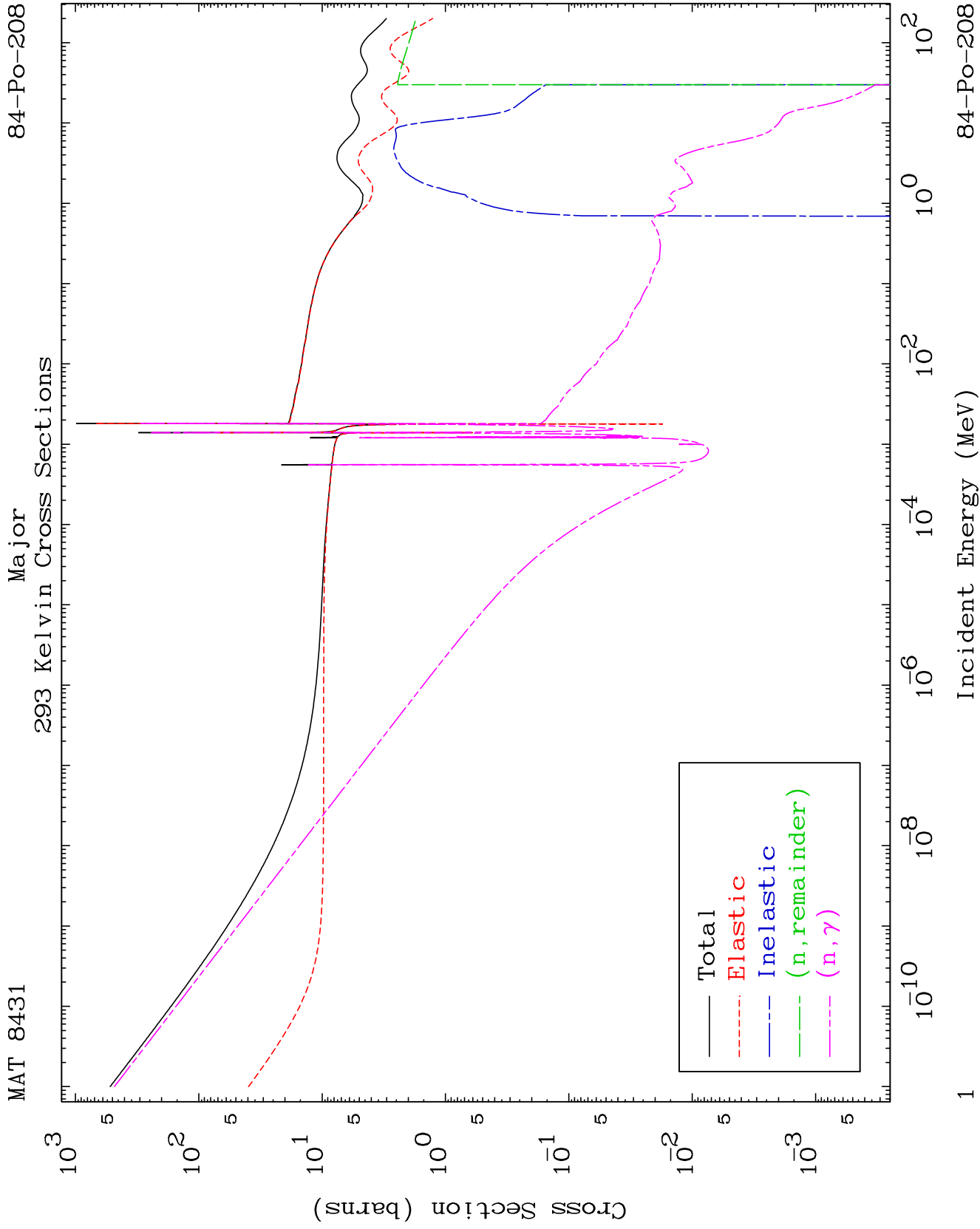
Dermott E. Cullen
(Present Contact Information)

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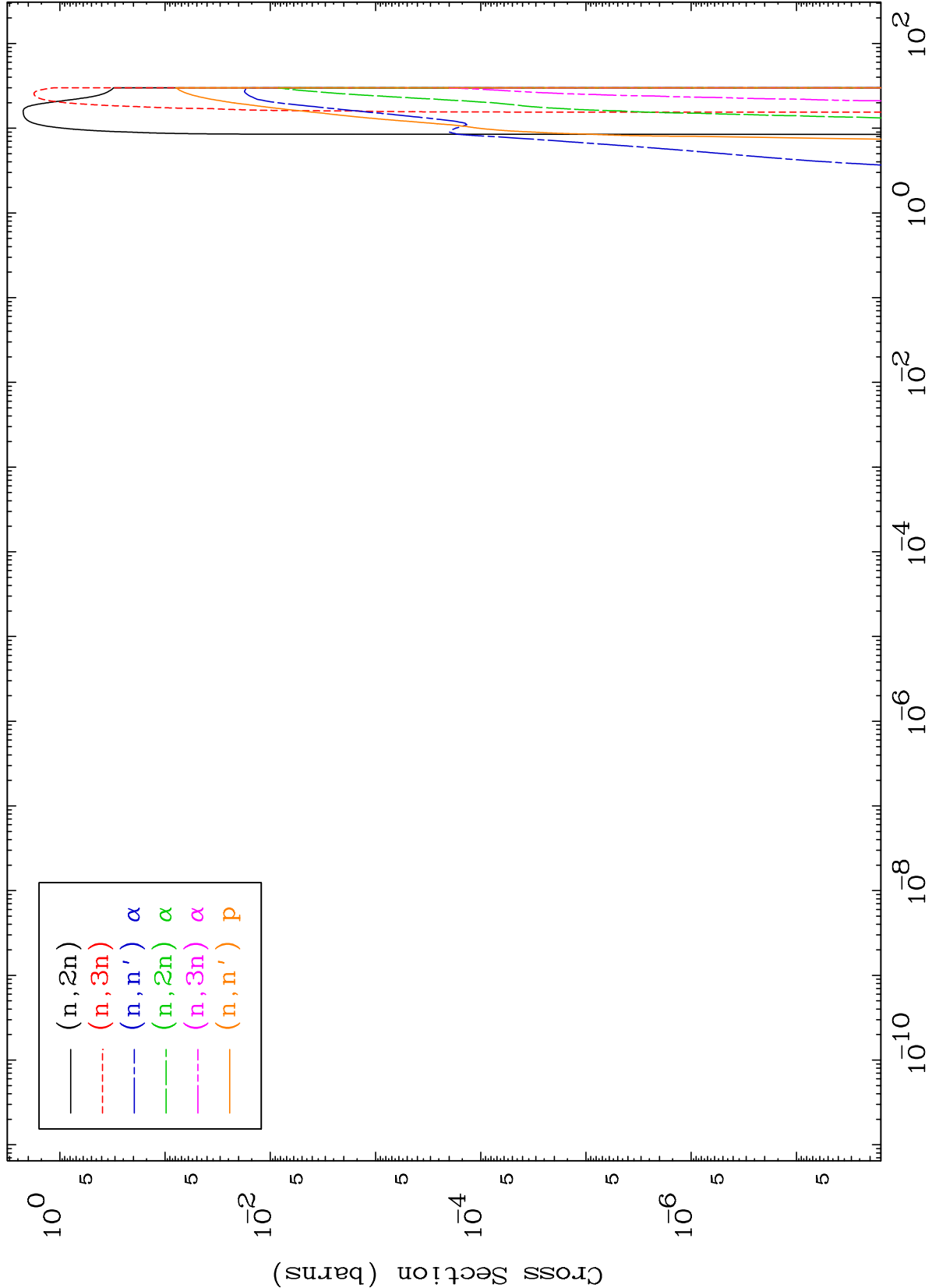
Press Mouse Button to Start



MAT 8431

Neutron Production
293 Kelvin Cross Sections

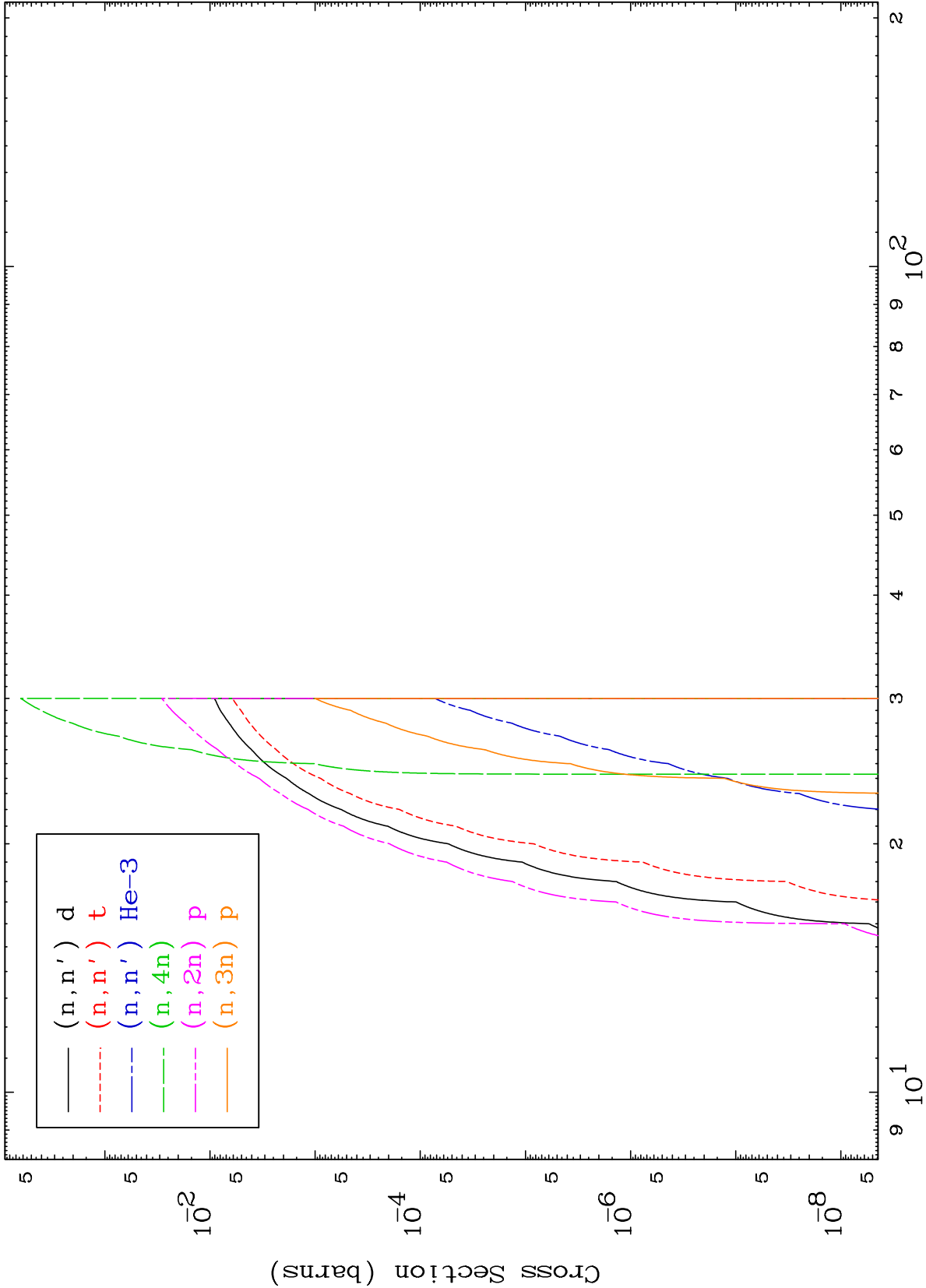
84-Po-208



MAT 8431

Neutron Production
293 Kelvin Cross Sections

84-Po-208



84-Po-208

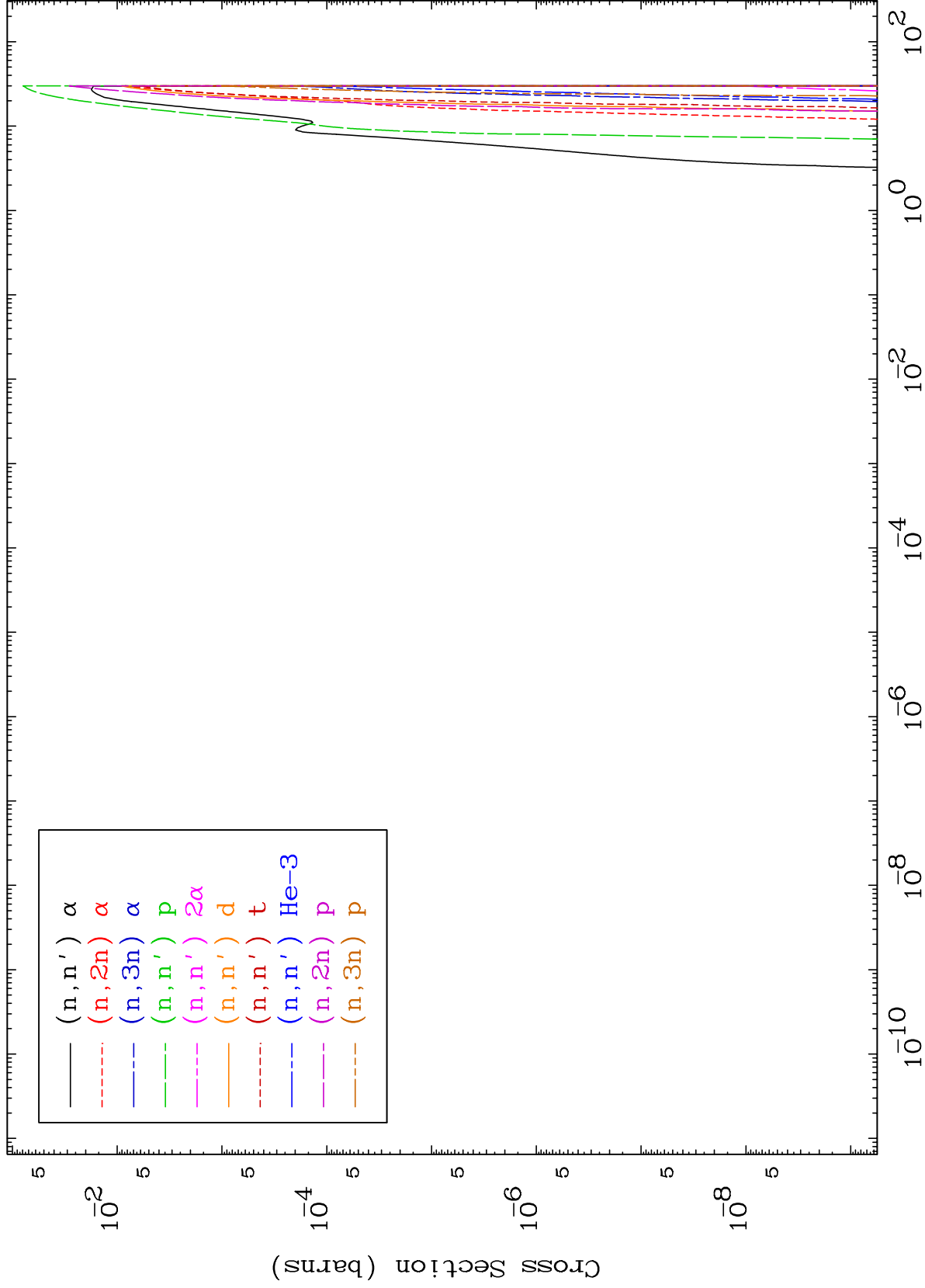
Incident Energy (MeV)

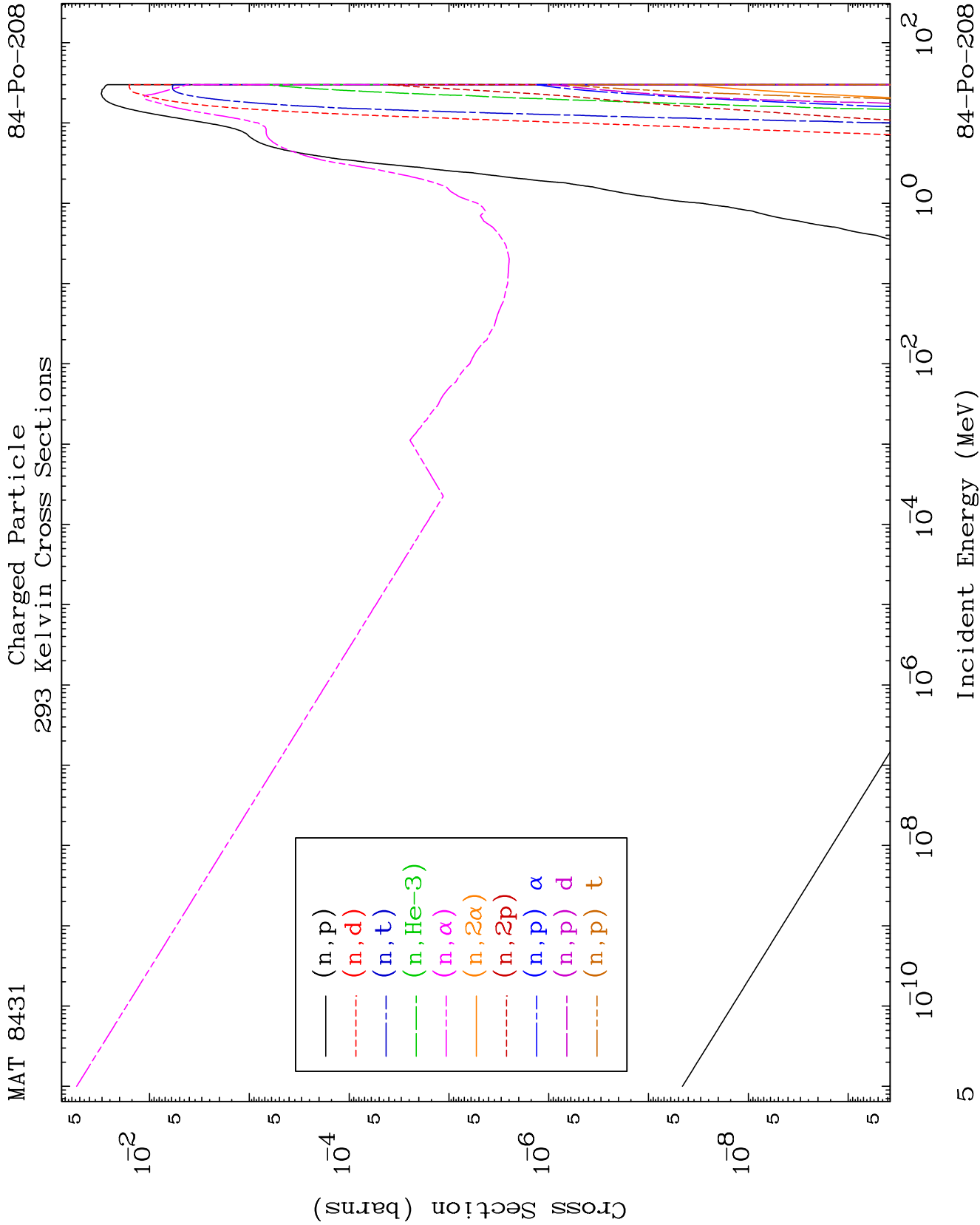
3

MAT 8431

Charged Particle
293 Kelvin Cross Sections

84-Po-208

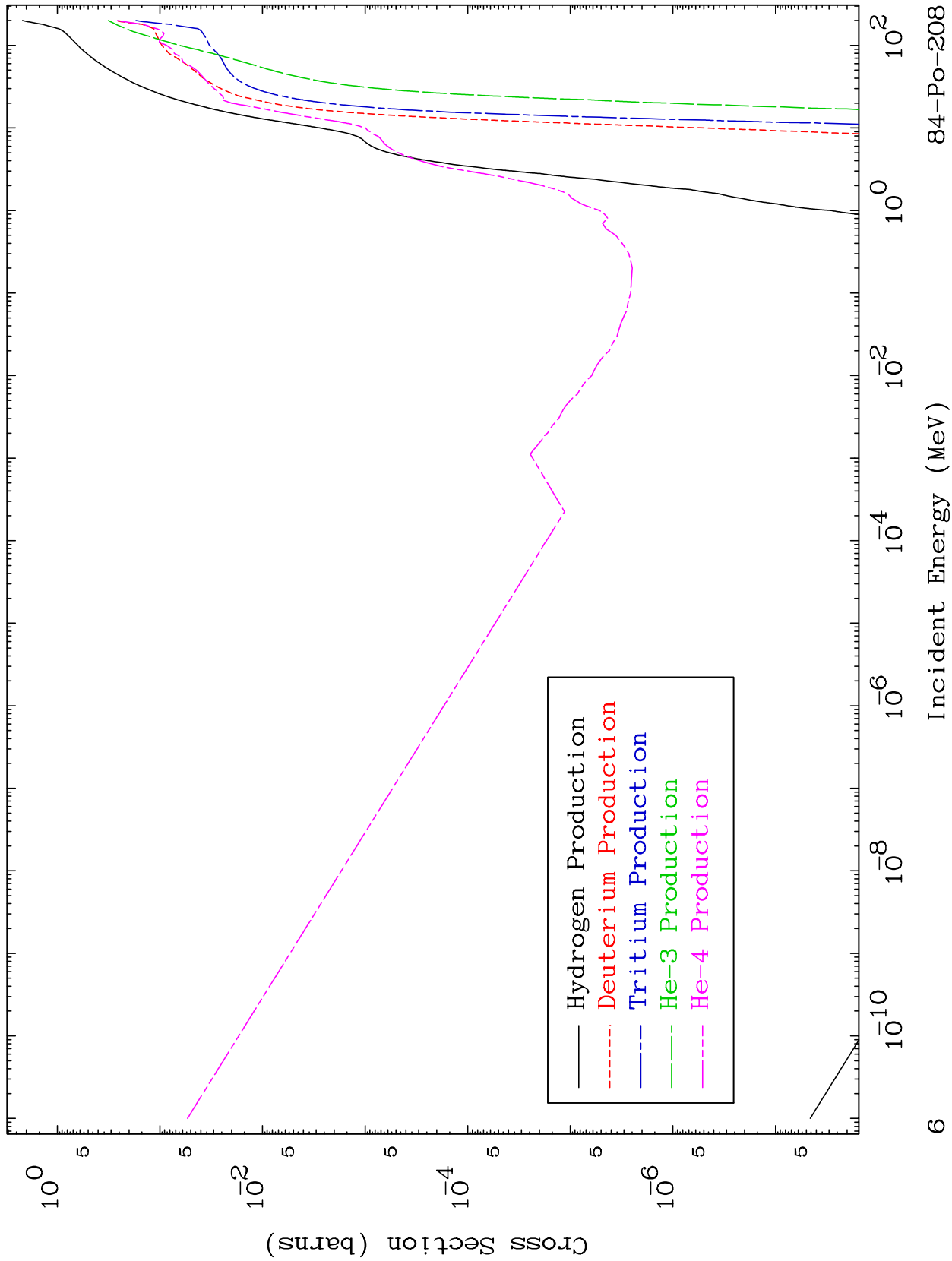


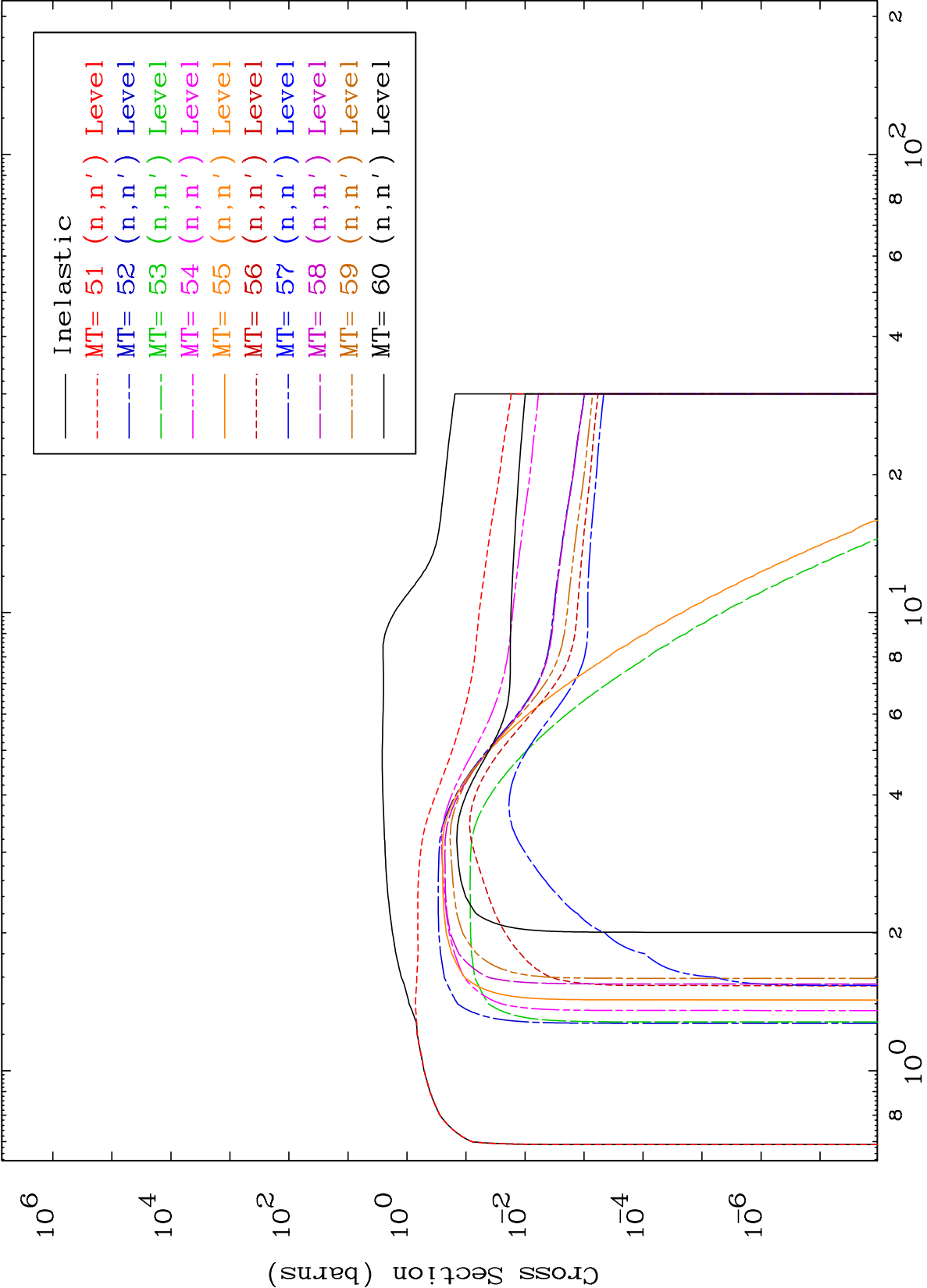


MAT 8431

Particle Production
293 Kelvin Cross Sections

84-Po-208



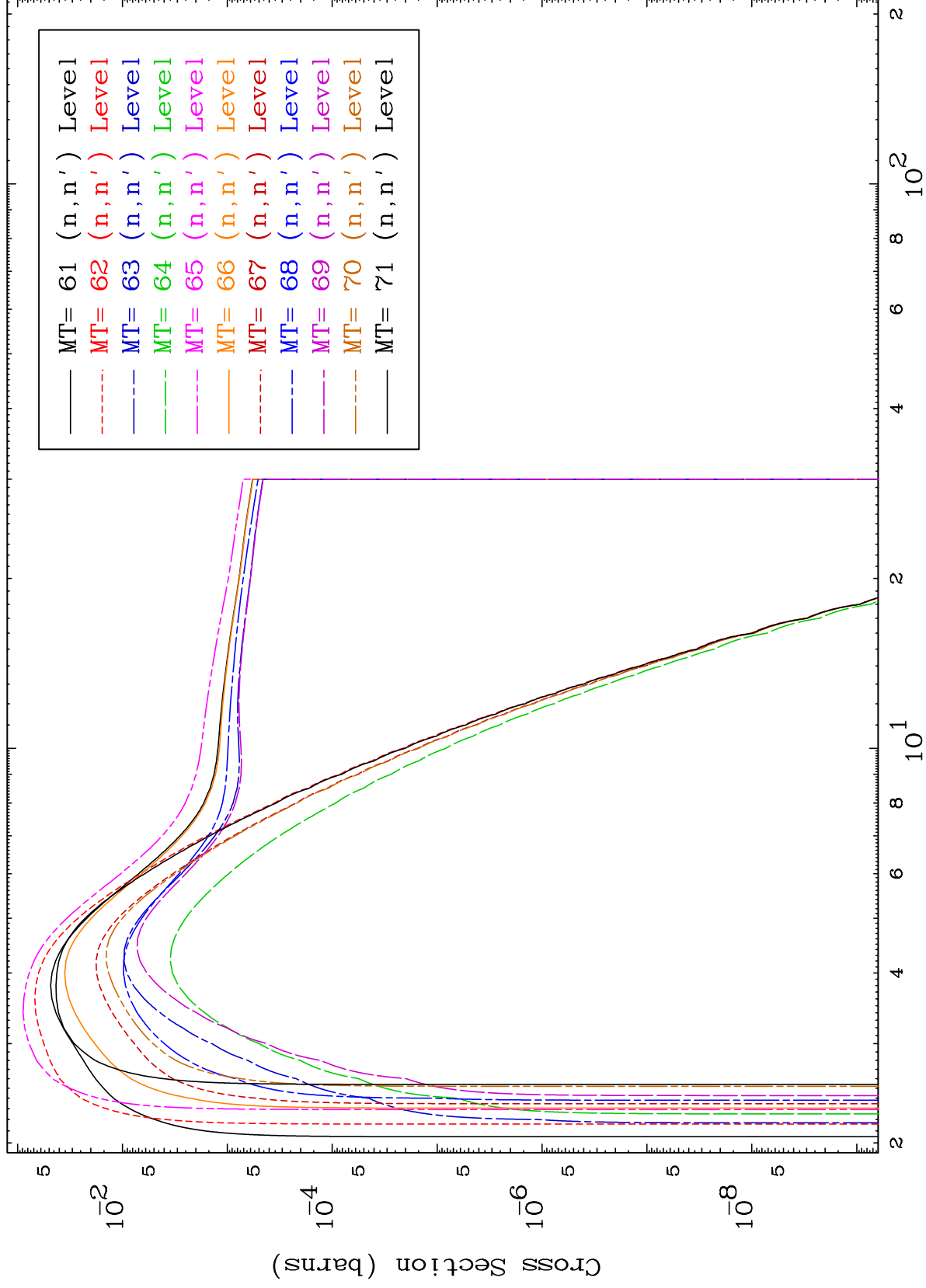


MAT 8431

(n,n') Level

84-Po-208

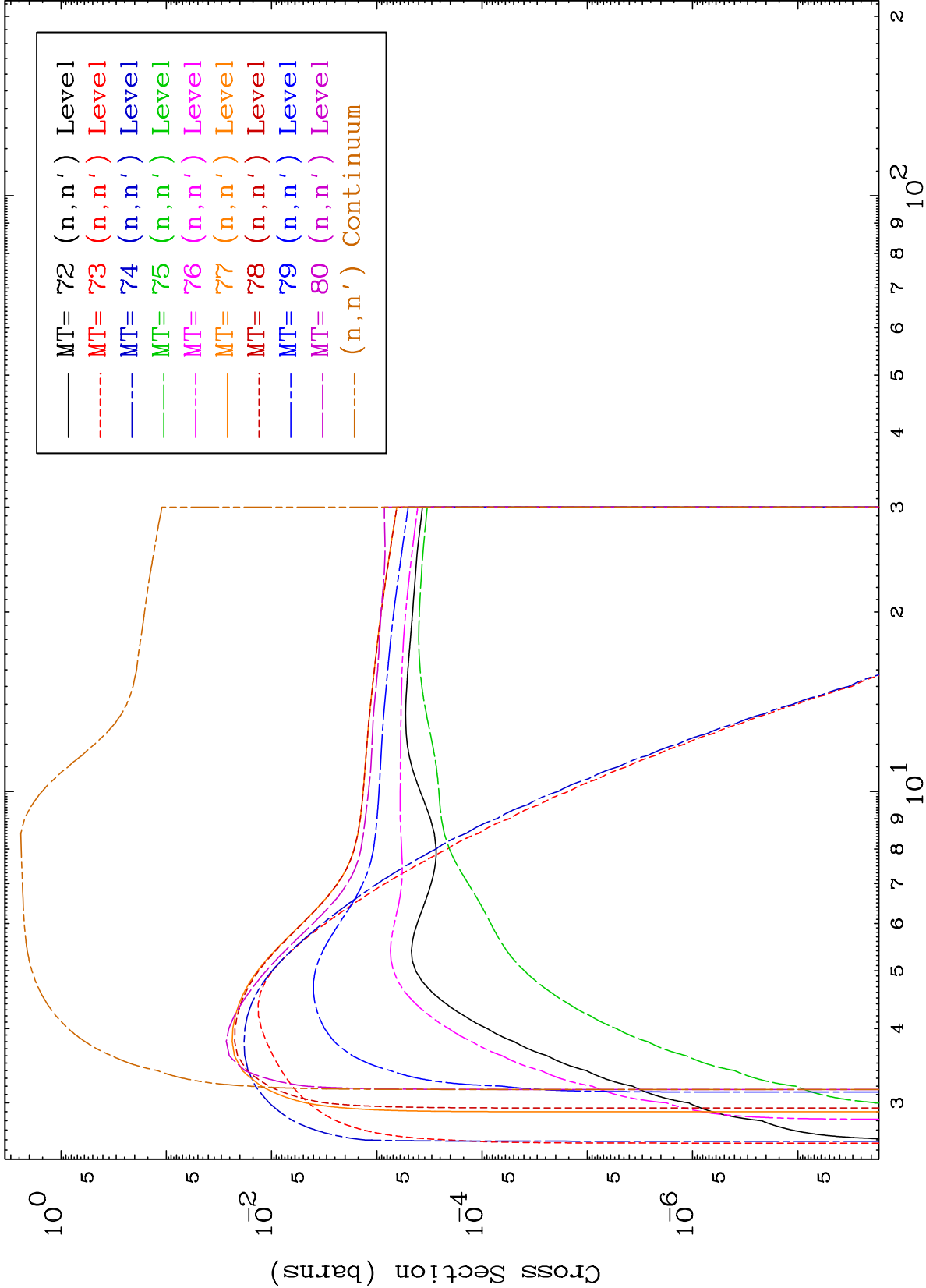
293 Kelvin Cross Sections



8

Incident Energy (MeV)

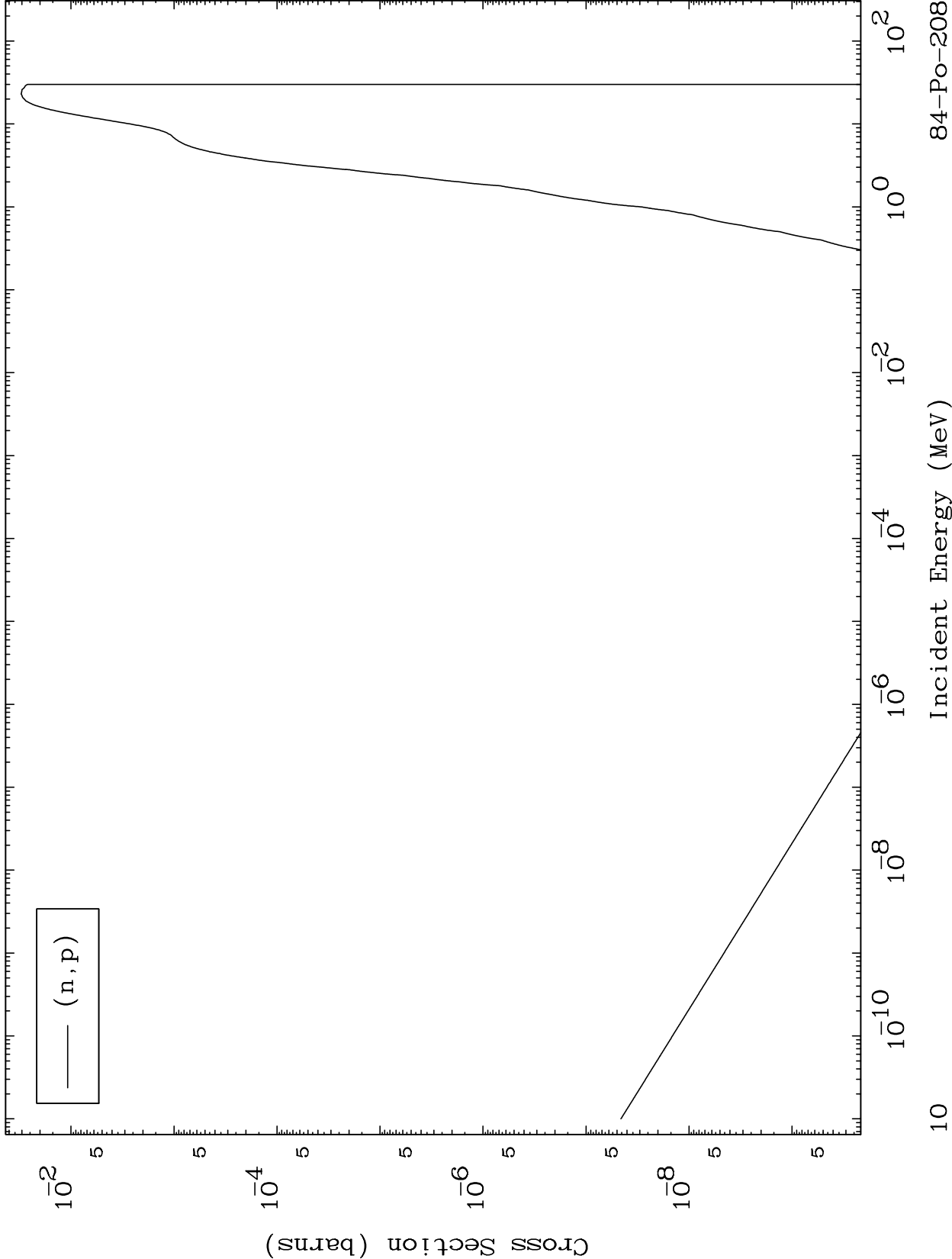
84-Po-208



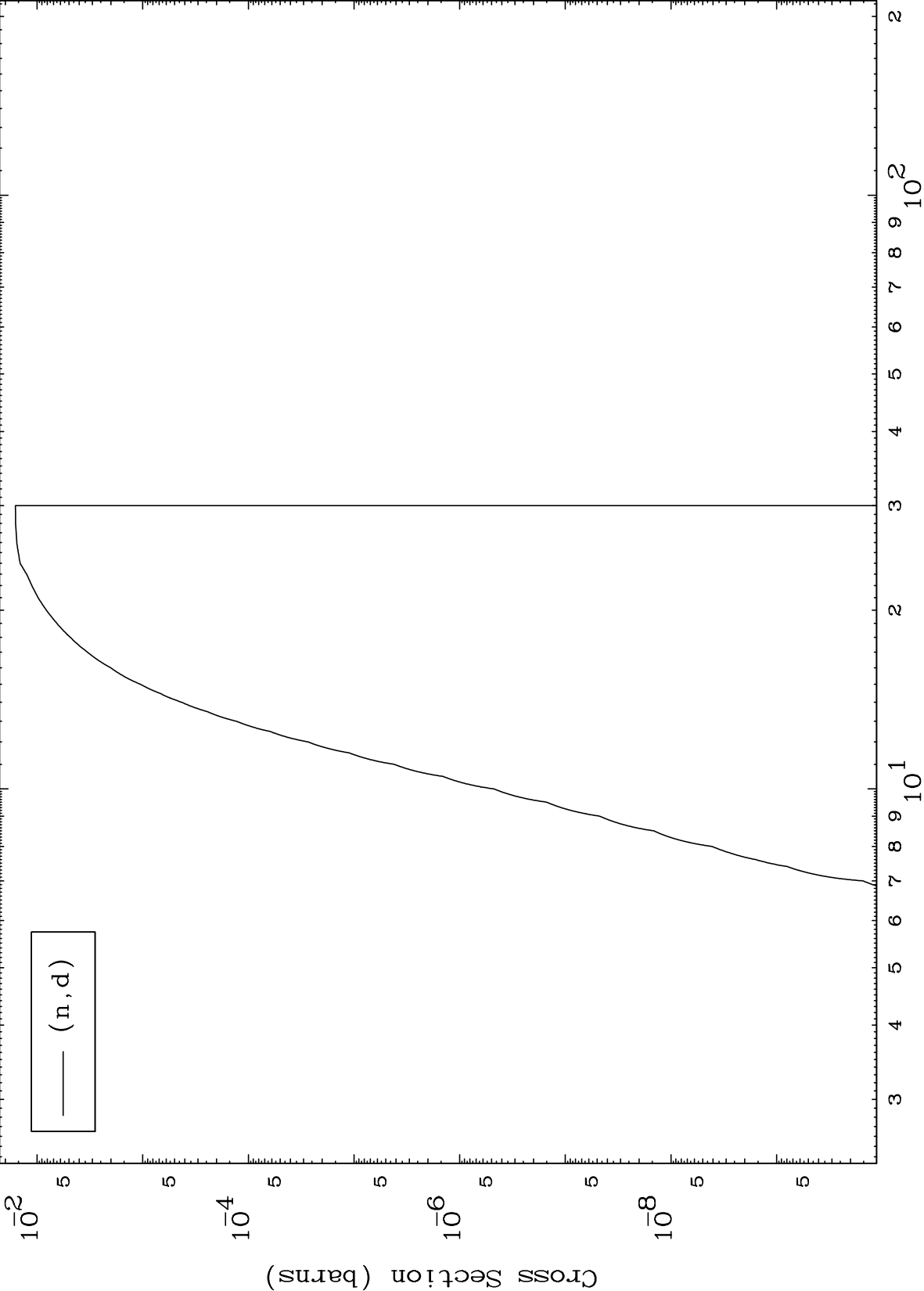
MAT 8431

(n,p) Levels
293 Kelvin Cross Sections

84-Po-208



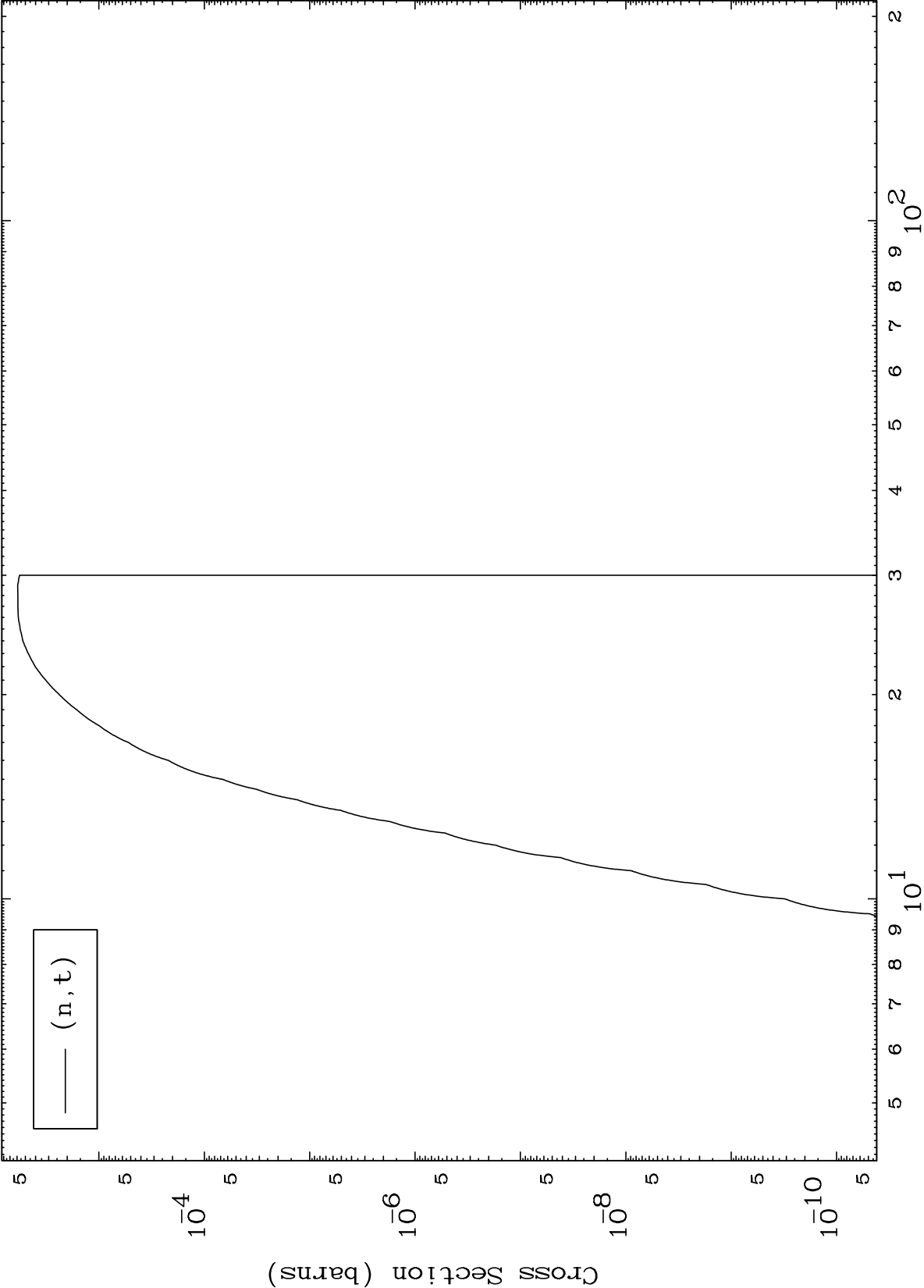
(n,d) Levels
293 Kelvin Cross Sections



MAT 8431

84-Po-208

(n,t) Levels
293 Kelvin Cross Sections



84-Po-208

Incident Energy (MeV)

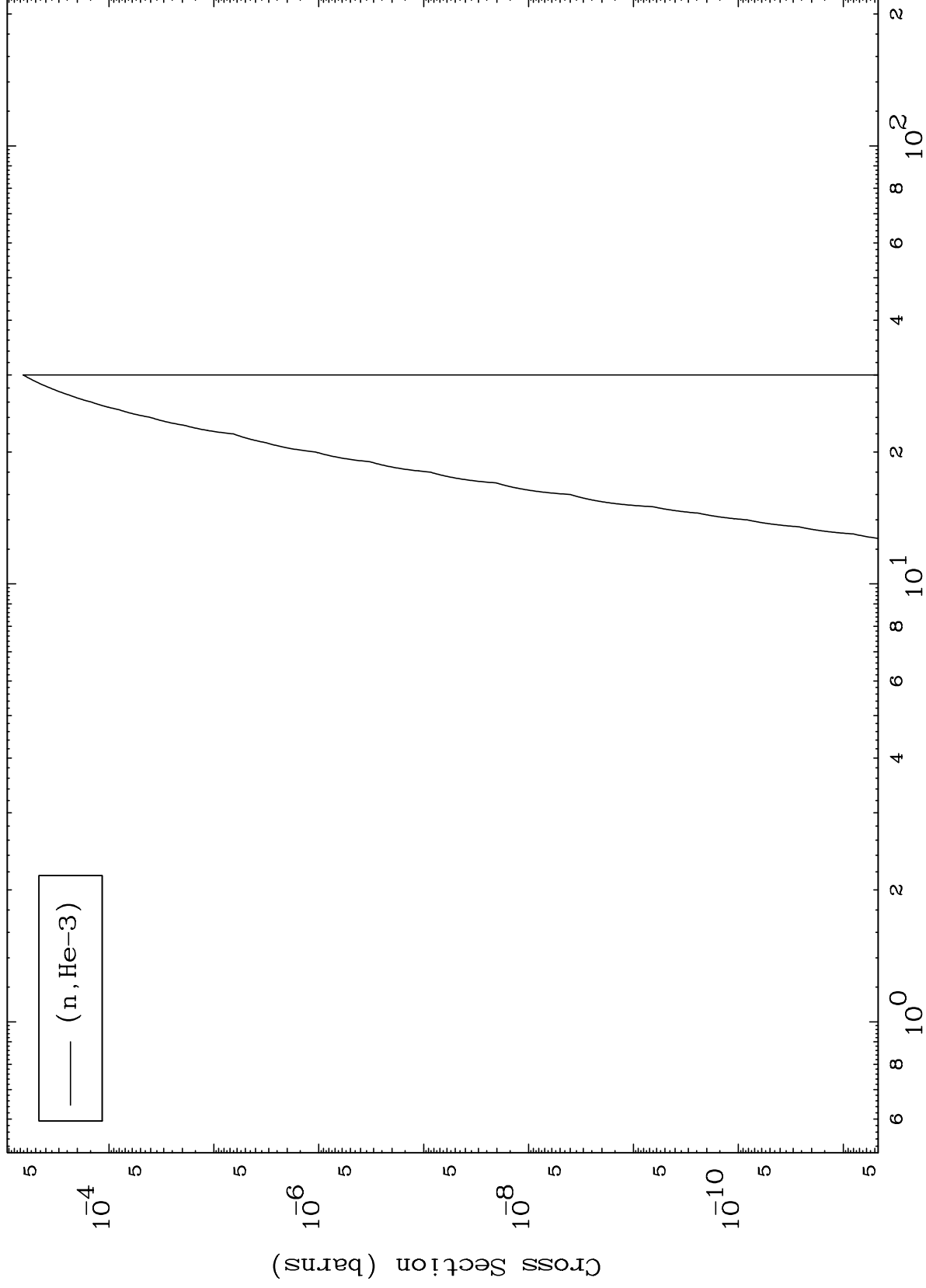
12

MAT 8431

(n,He3) Levels

84-Po-208

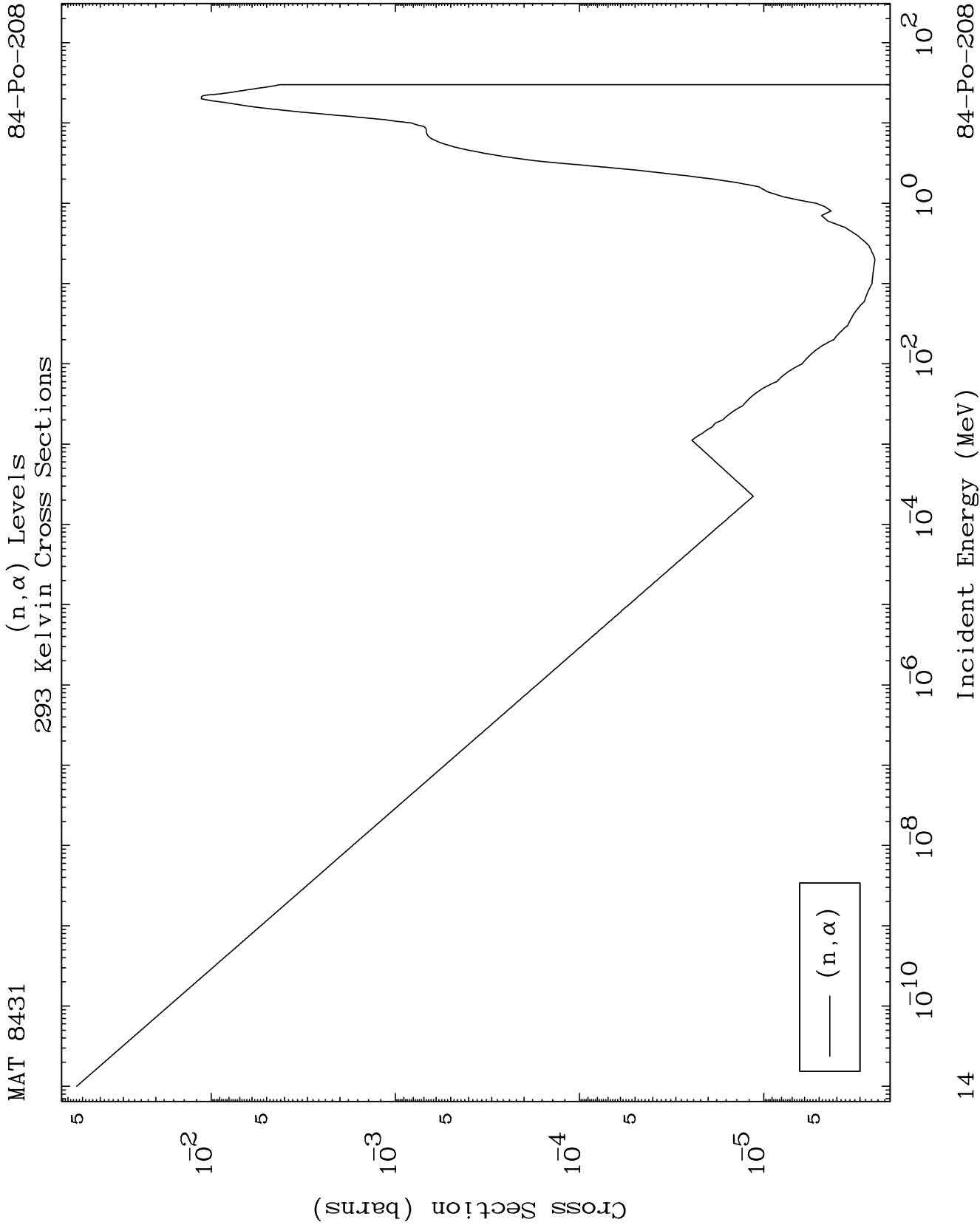
293 Kelvin Cross Sections

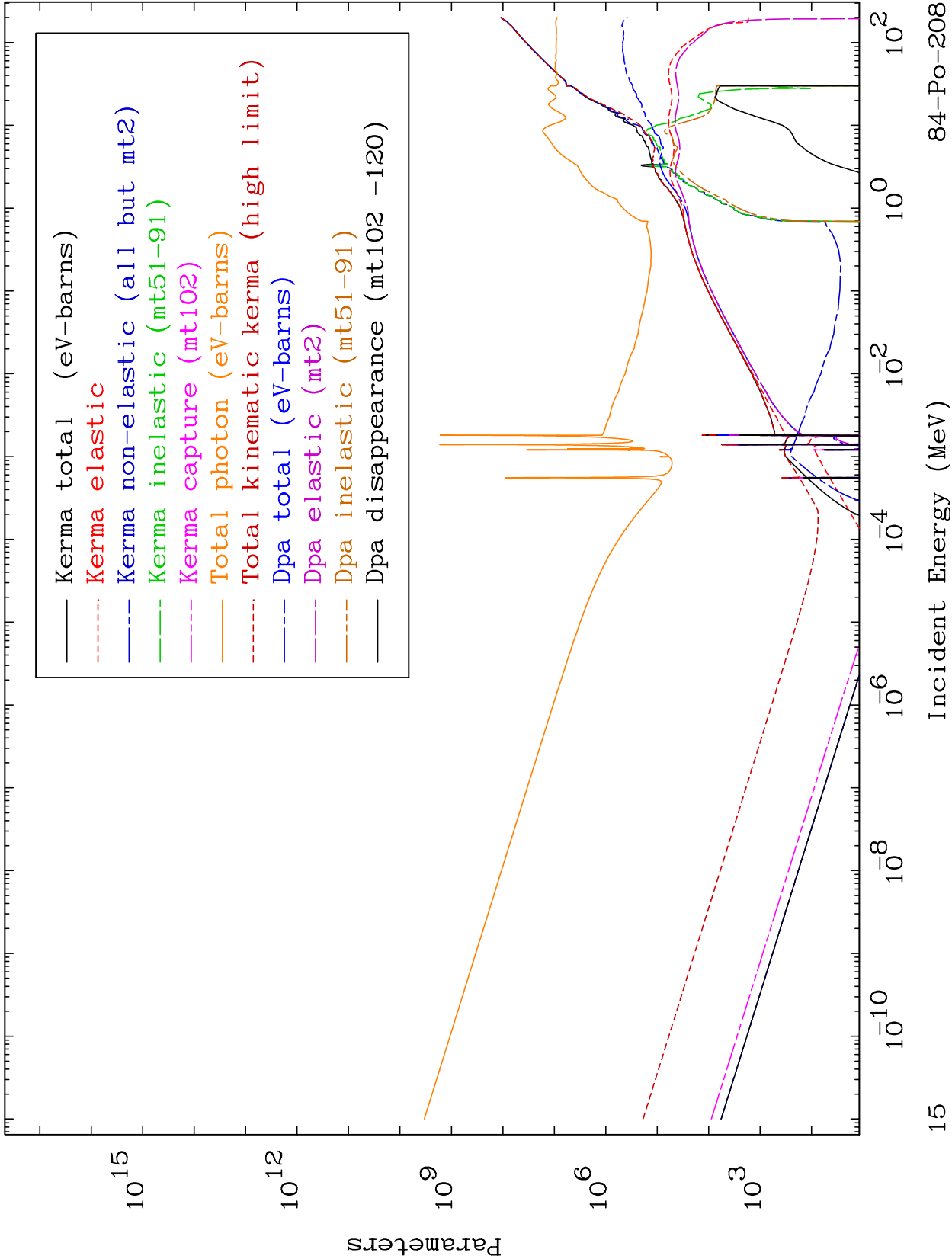


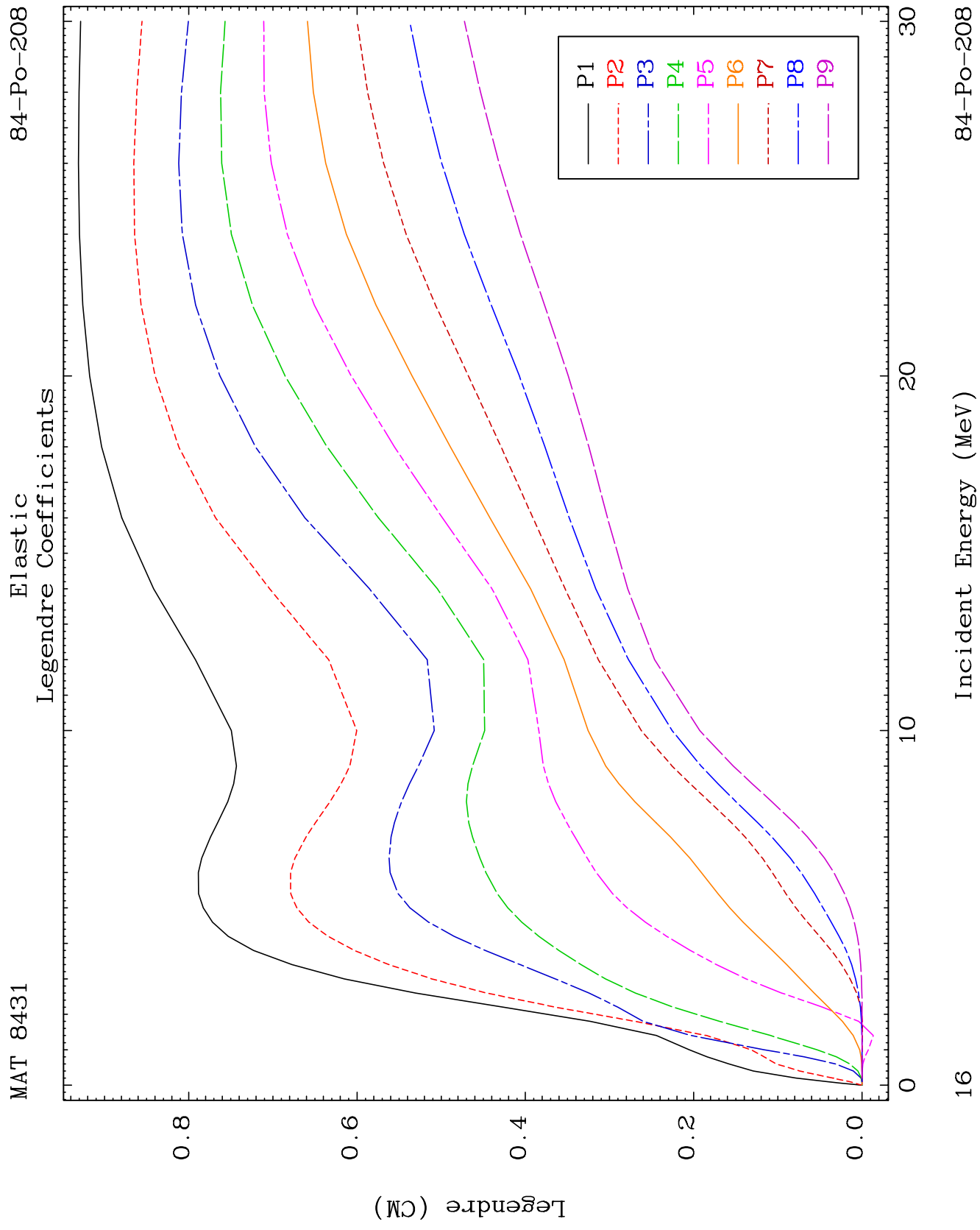
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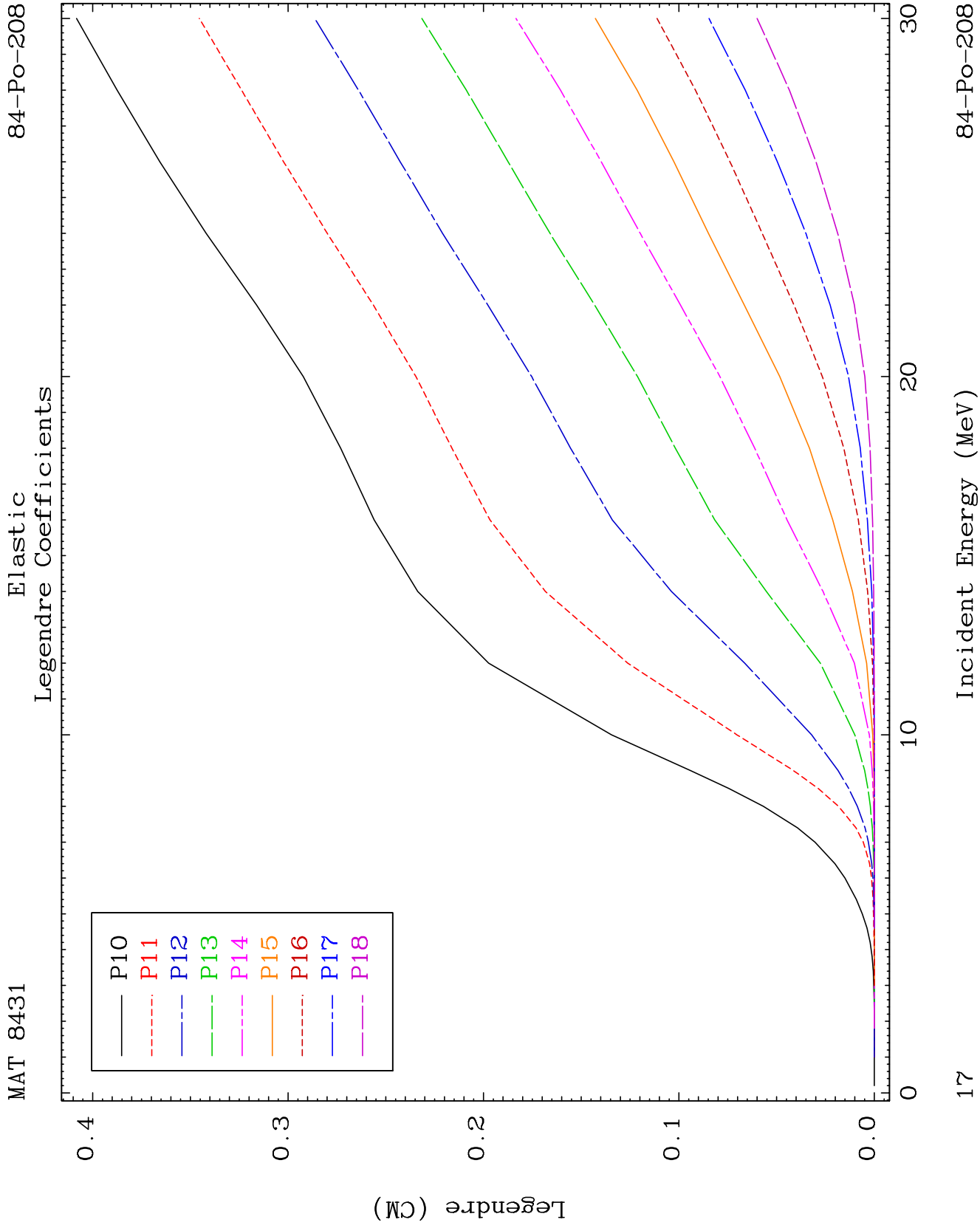
Incident Energy (MeV)

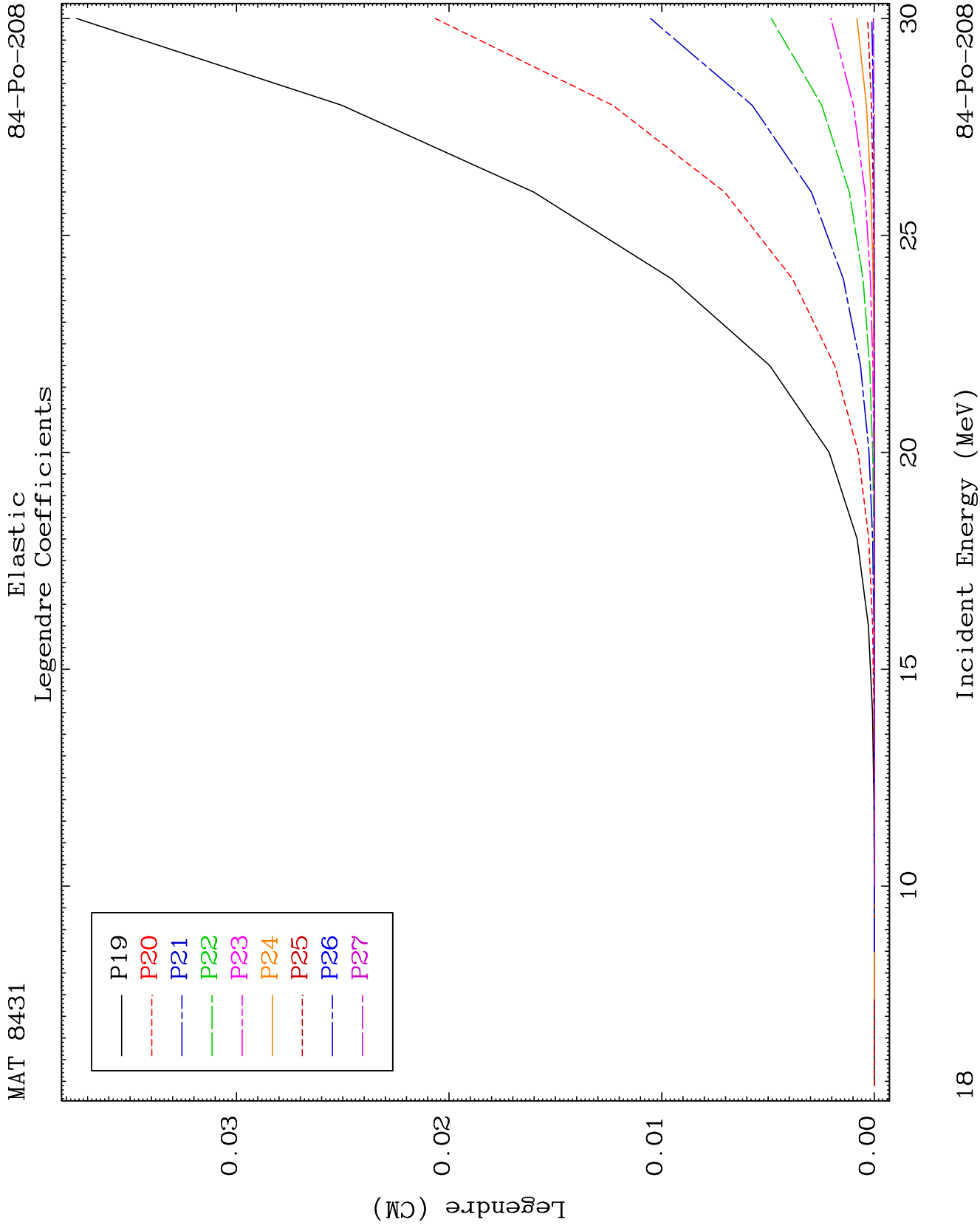
84-Po-208

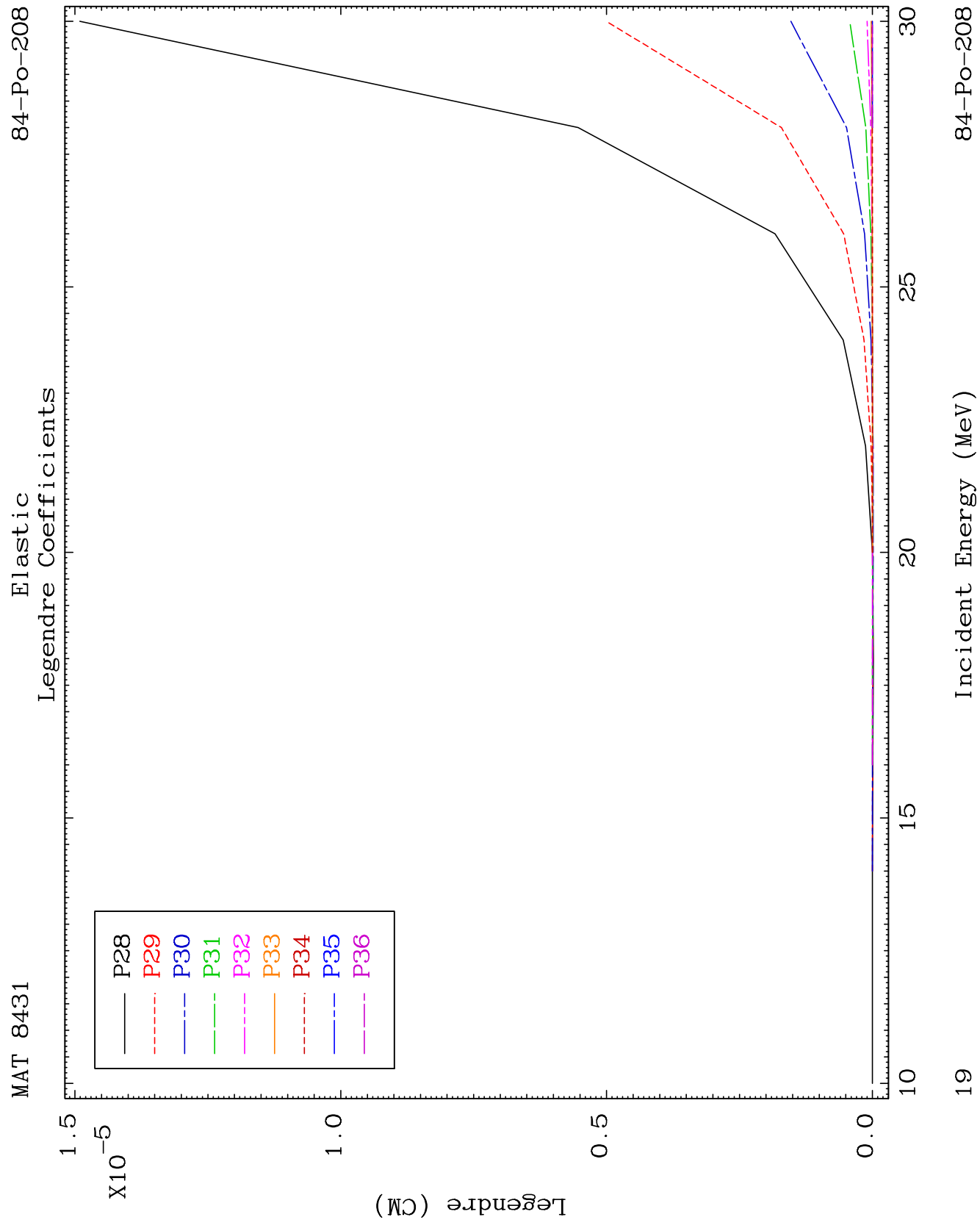








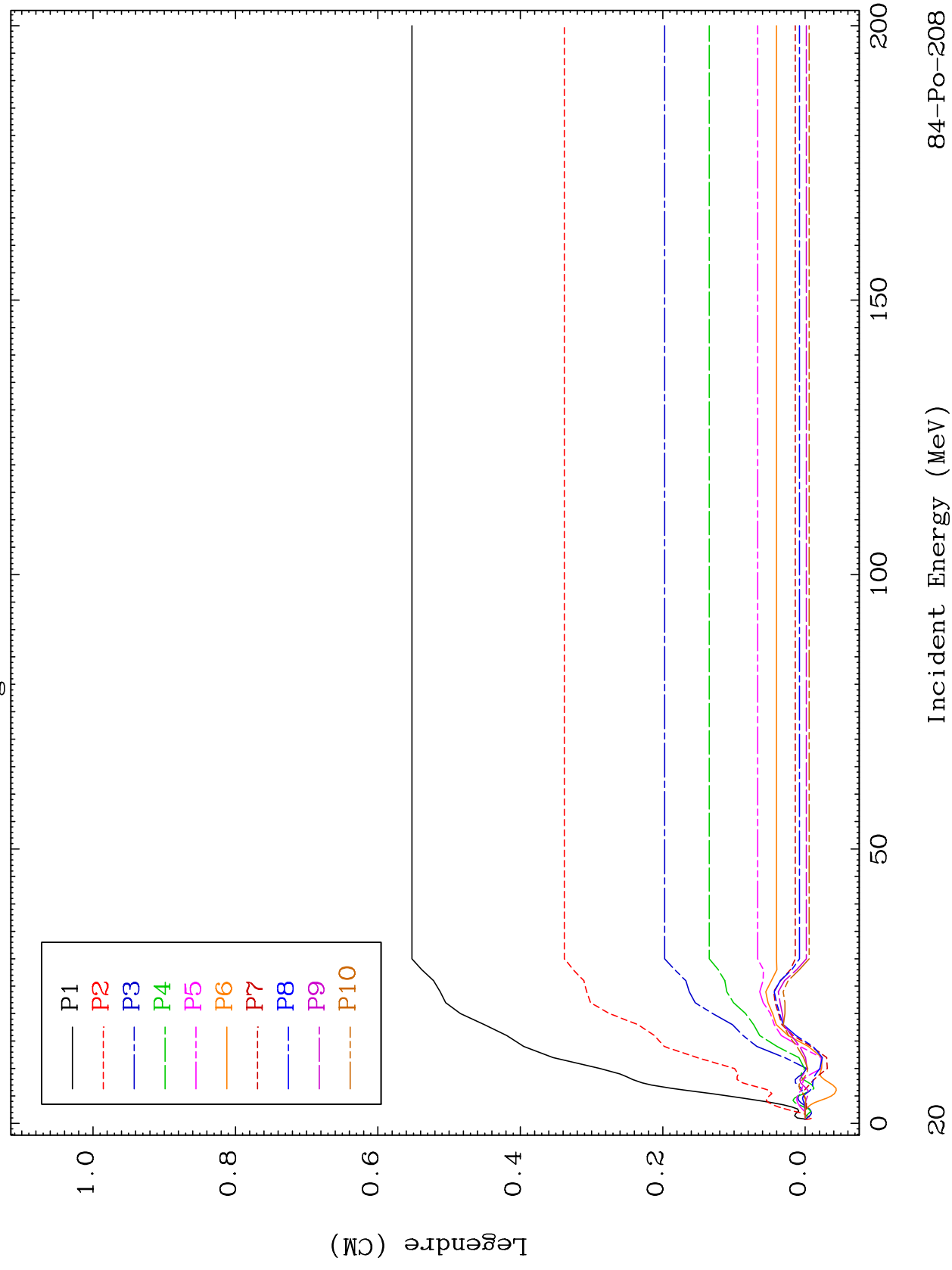




MAT 8431

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

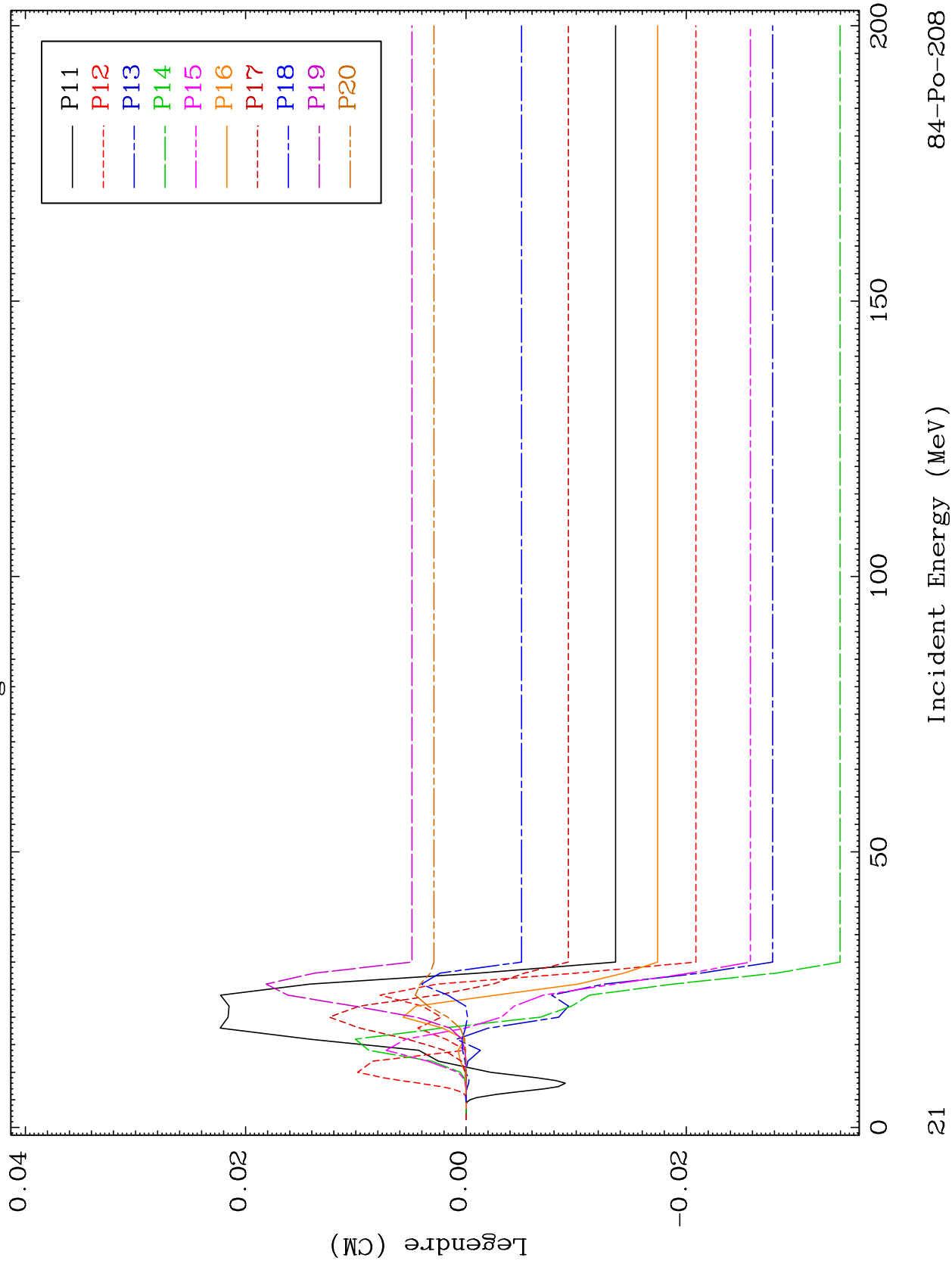
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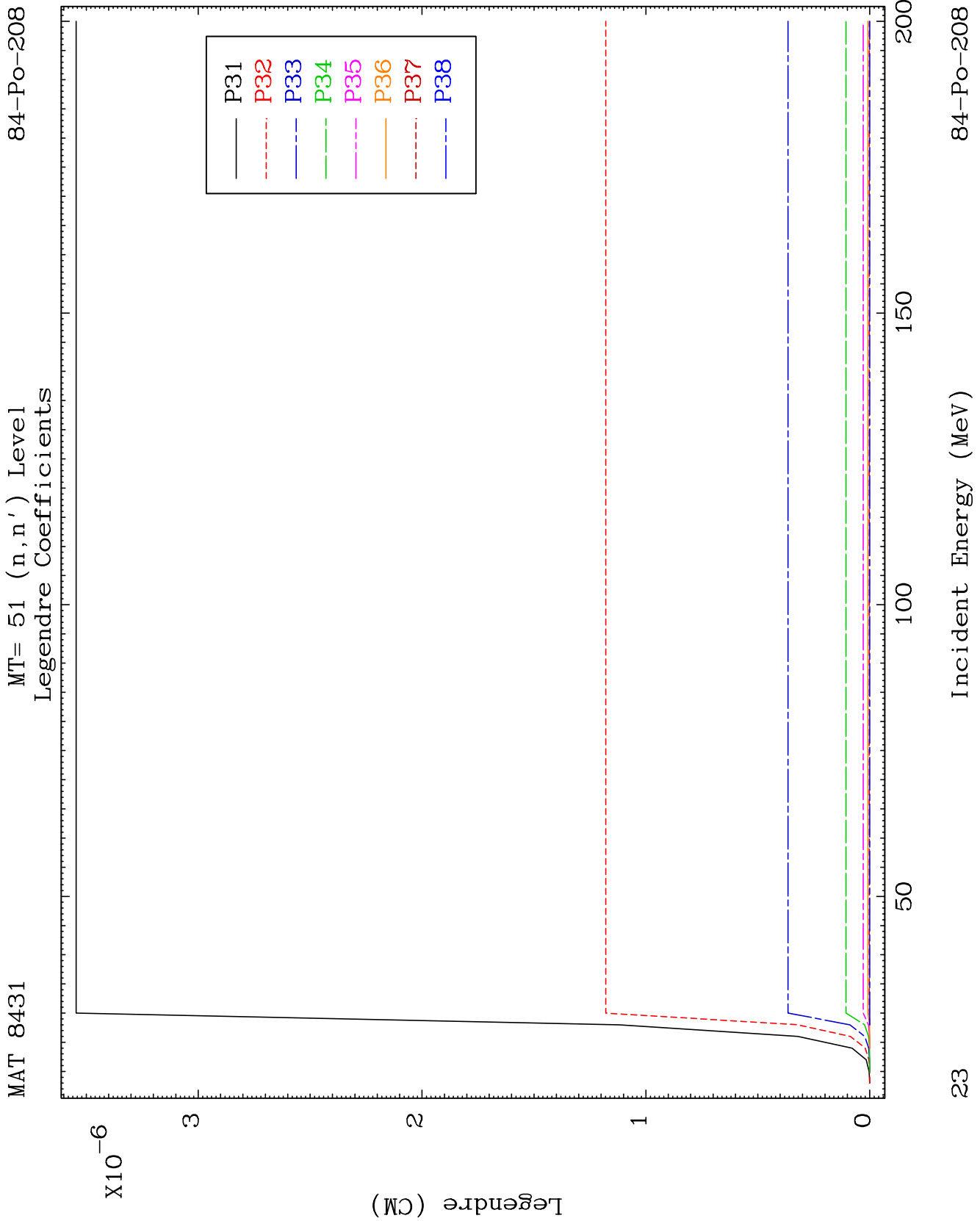


MAT 8431

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

84-Po-208

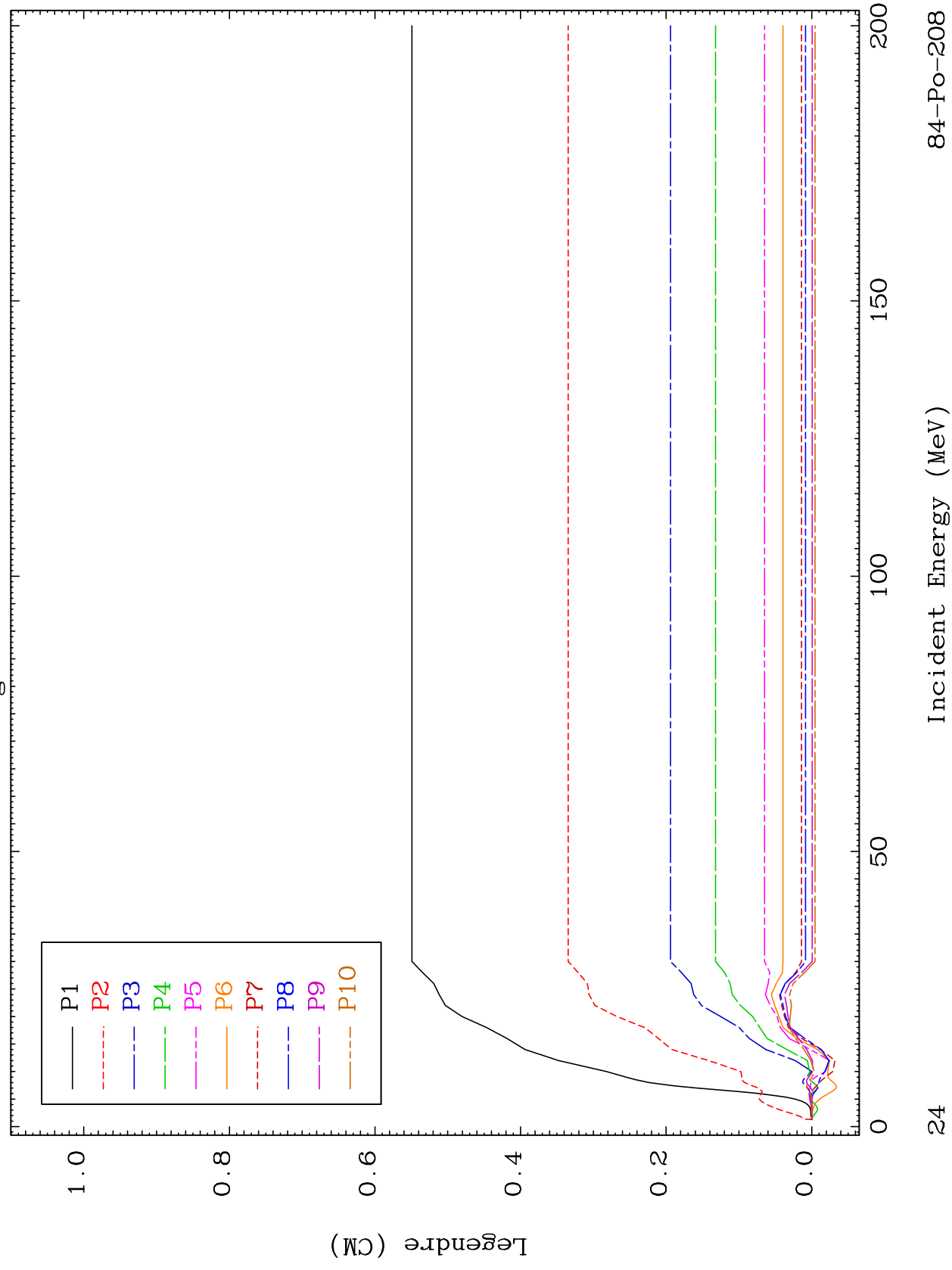


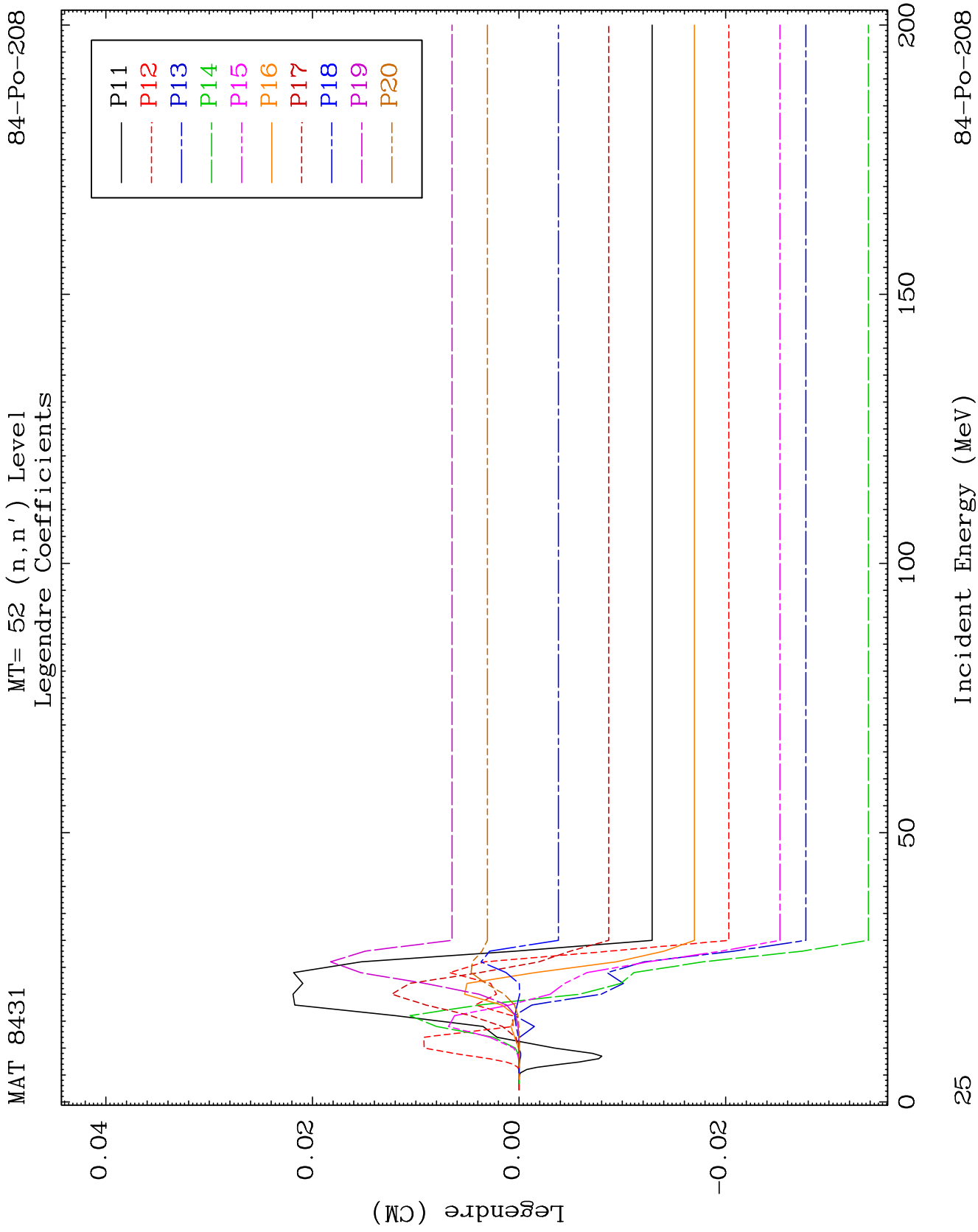


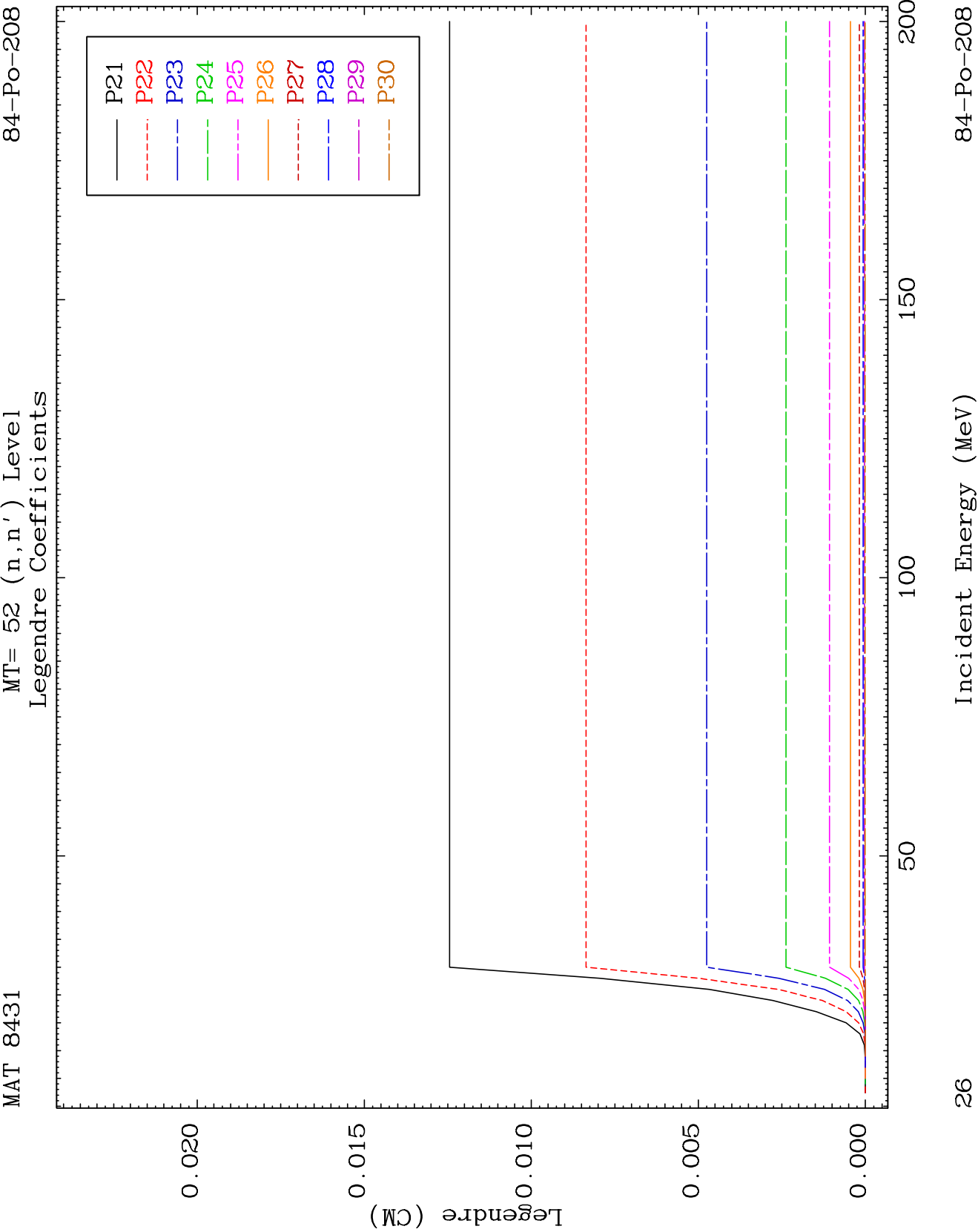
MAT 8431

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

84-Po-208



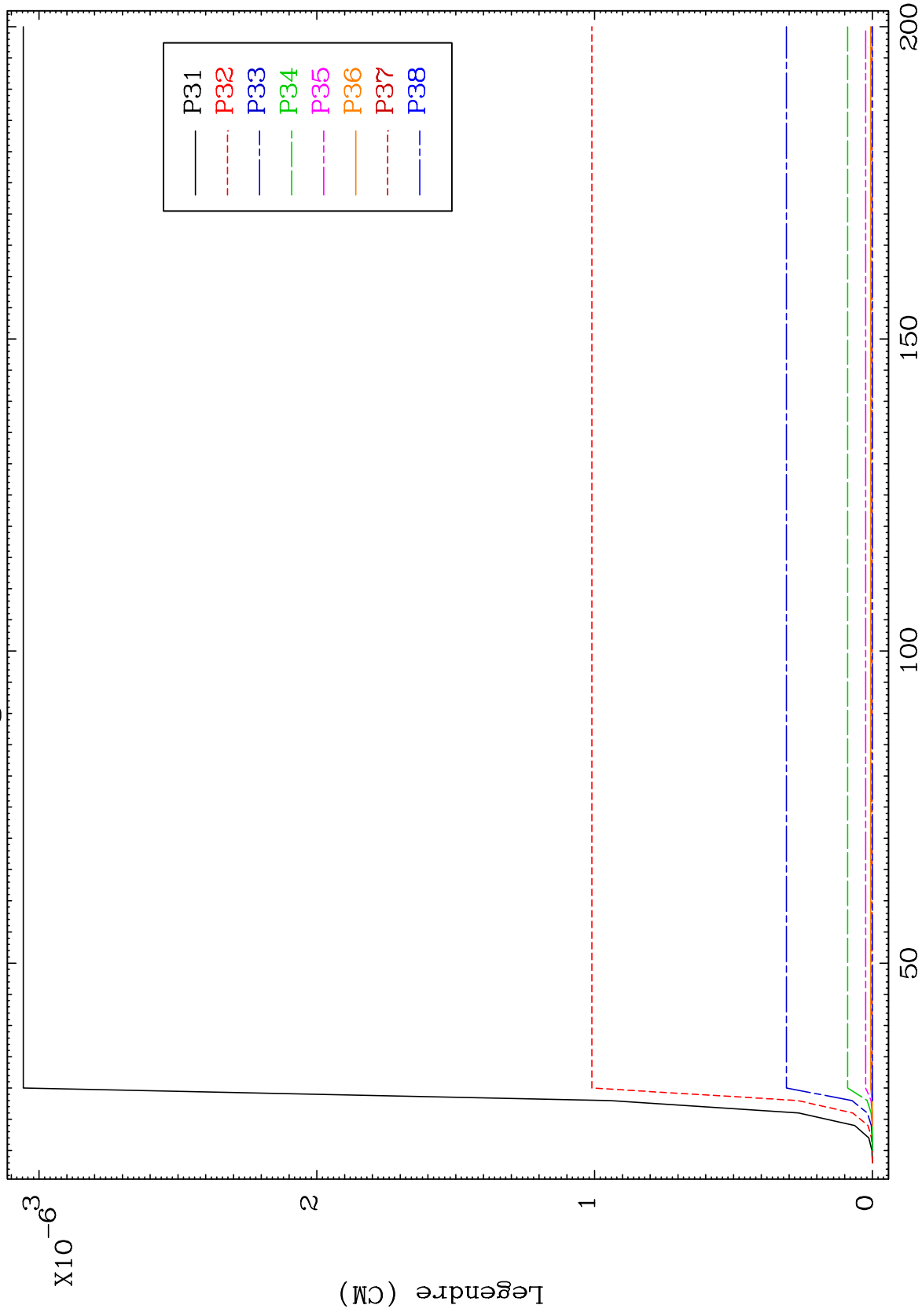




MAT 8431

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

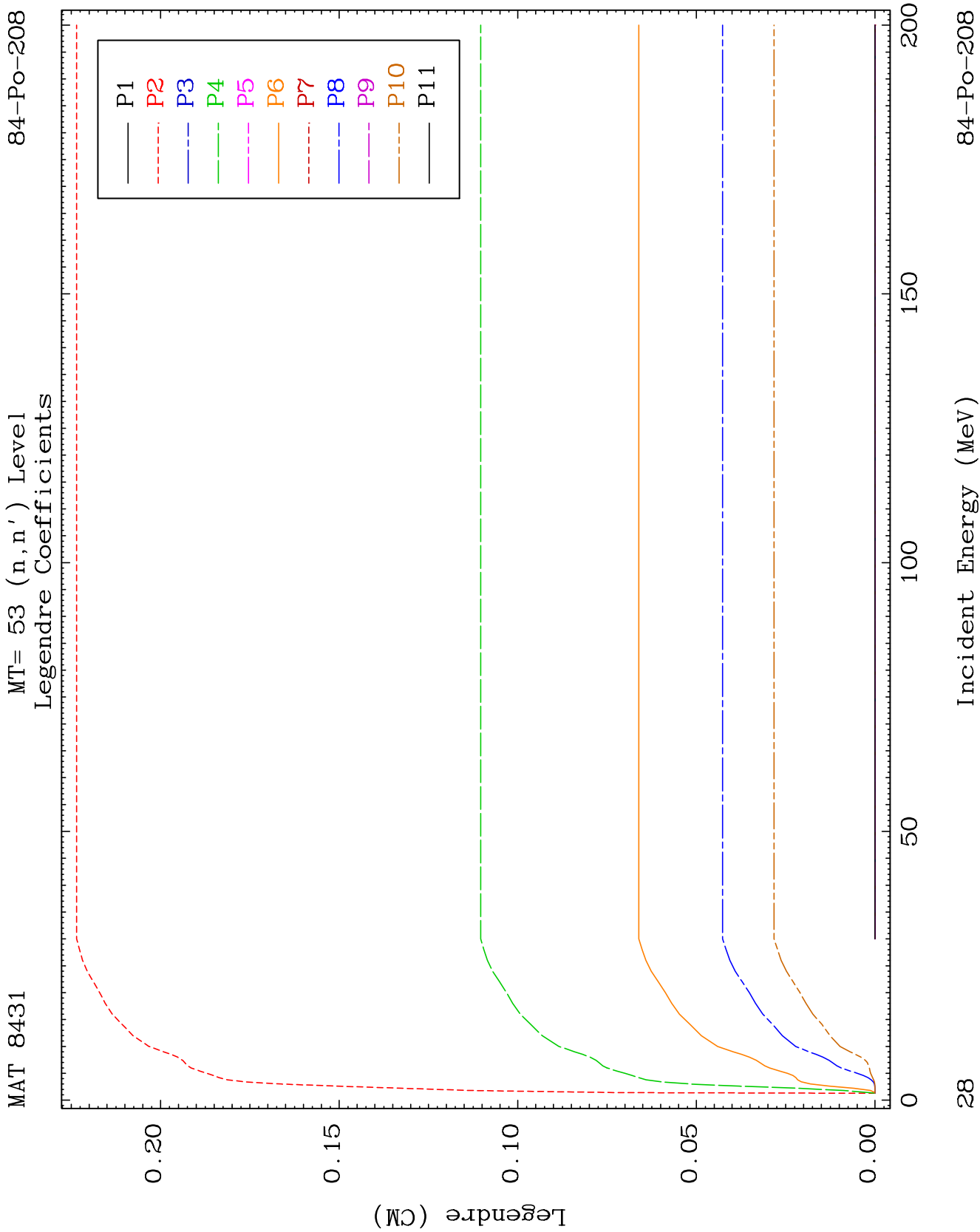
84-Po-208



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Incident Energy (MeV)

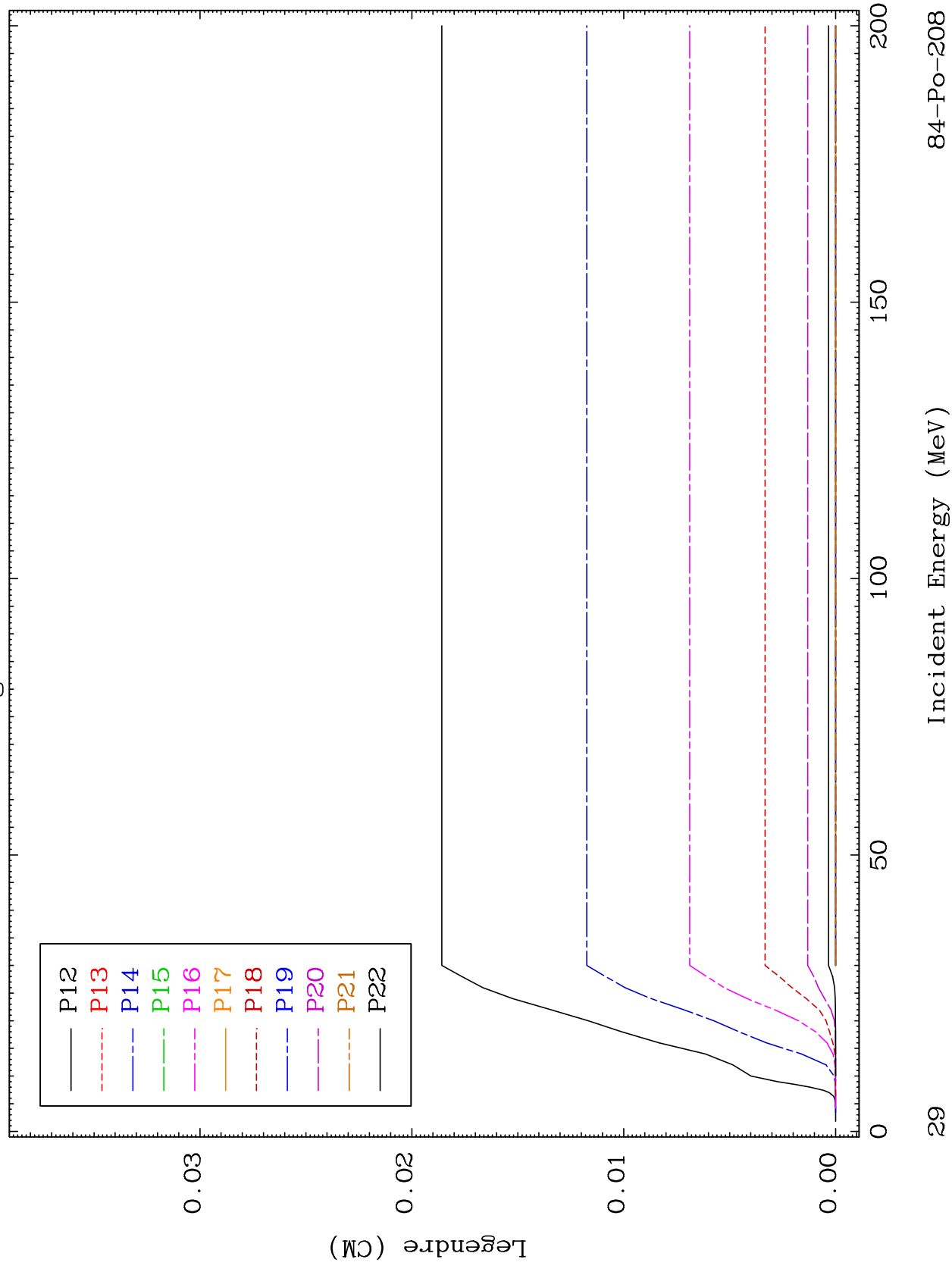
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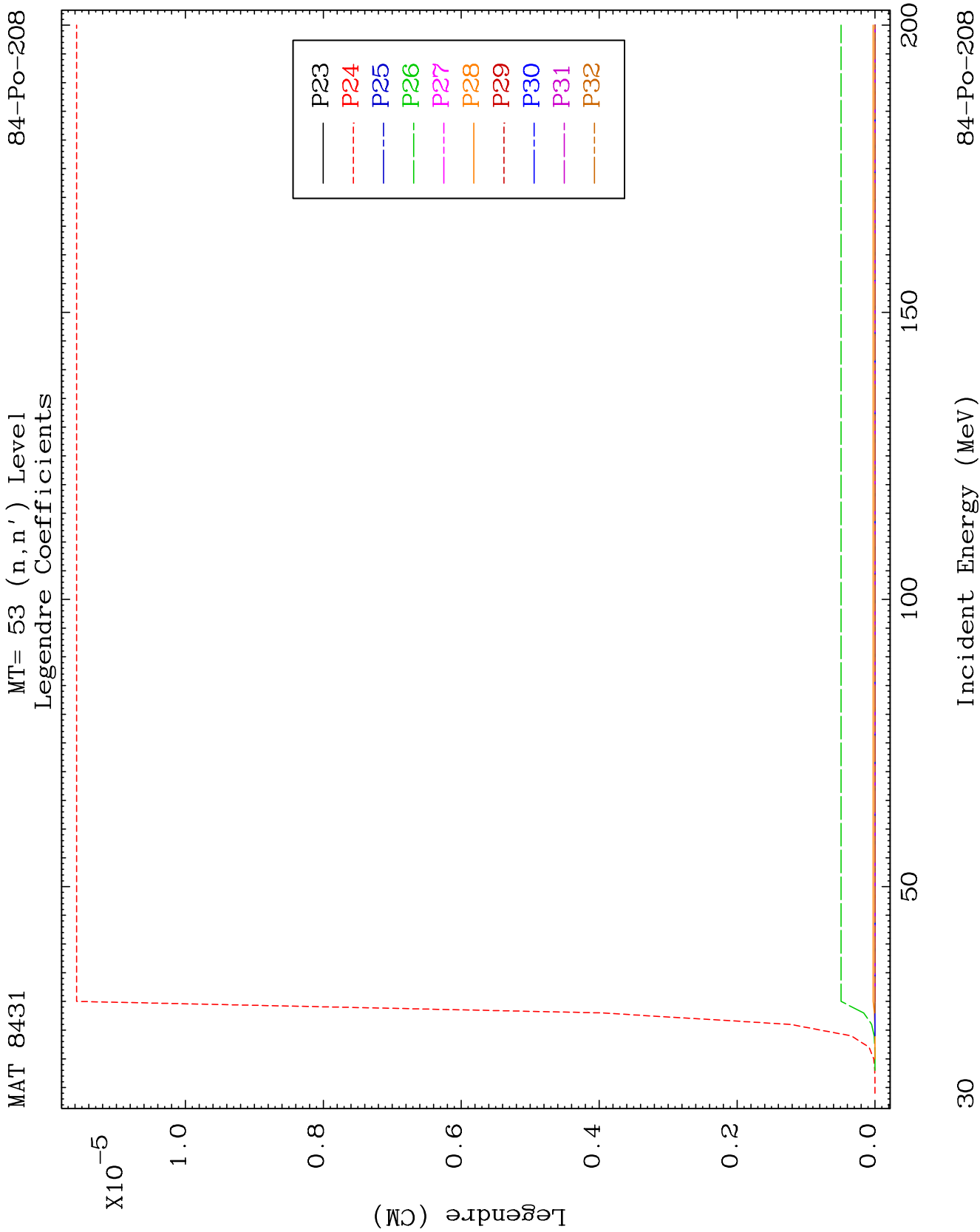


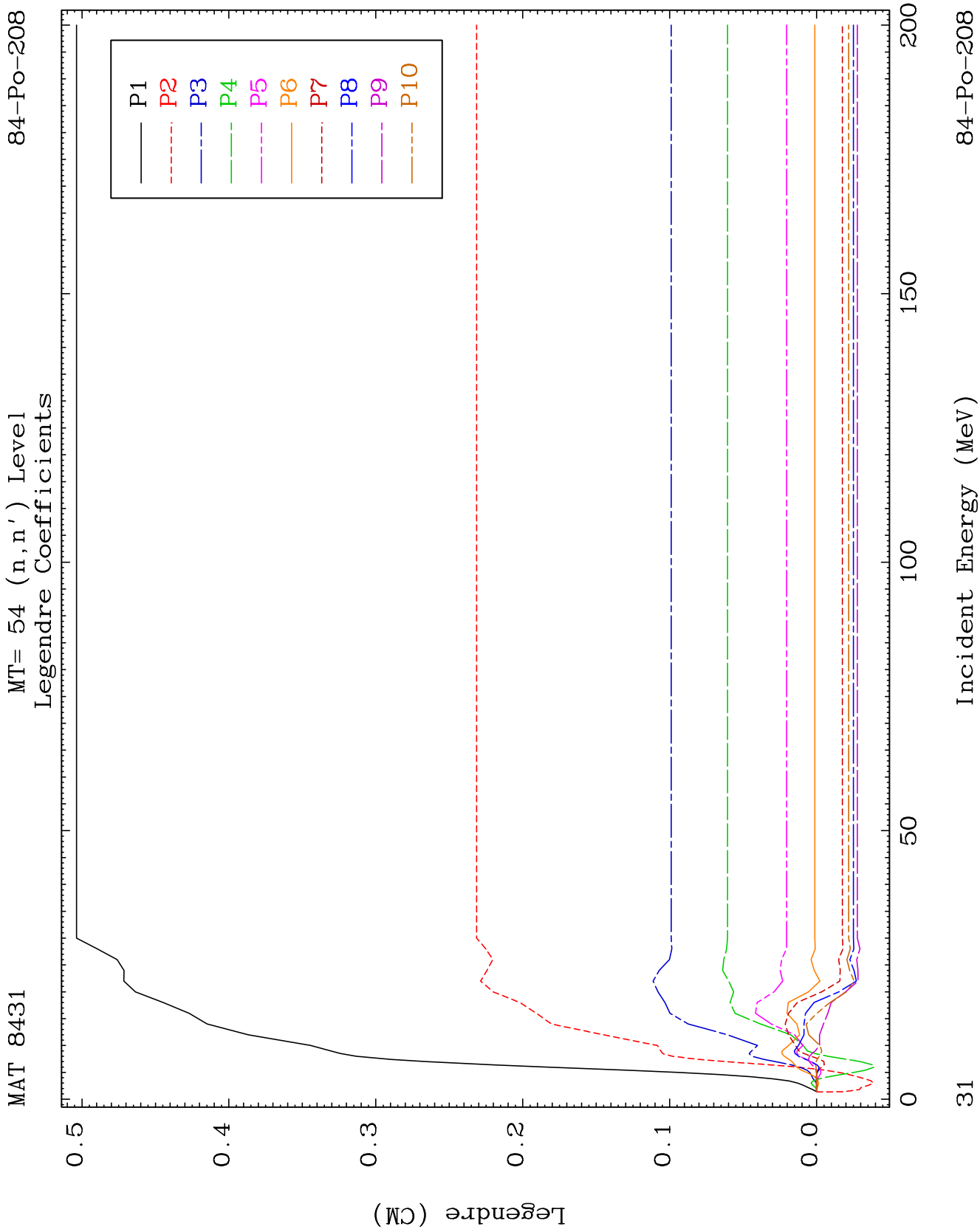
MAT 8431

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

84-Po-208



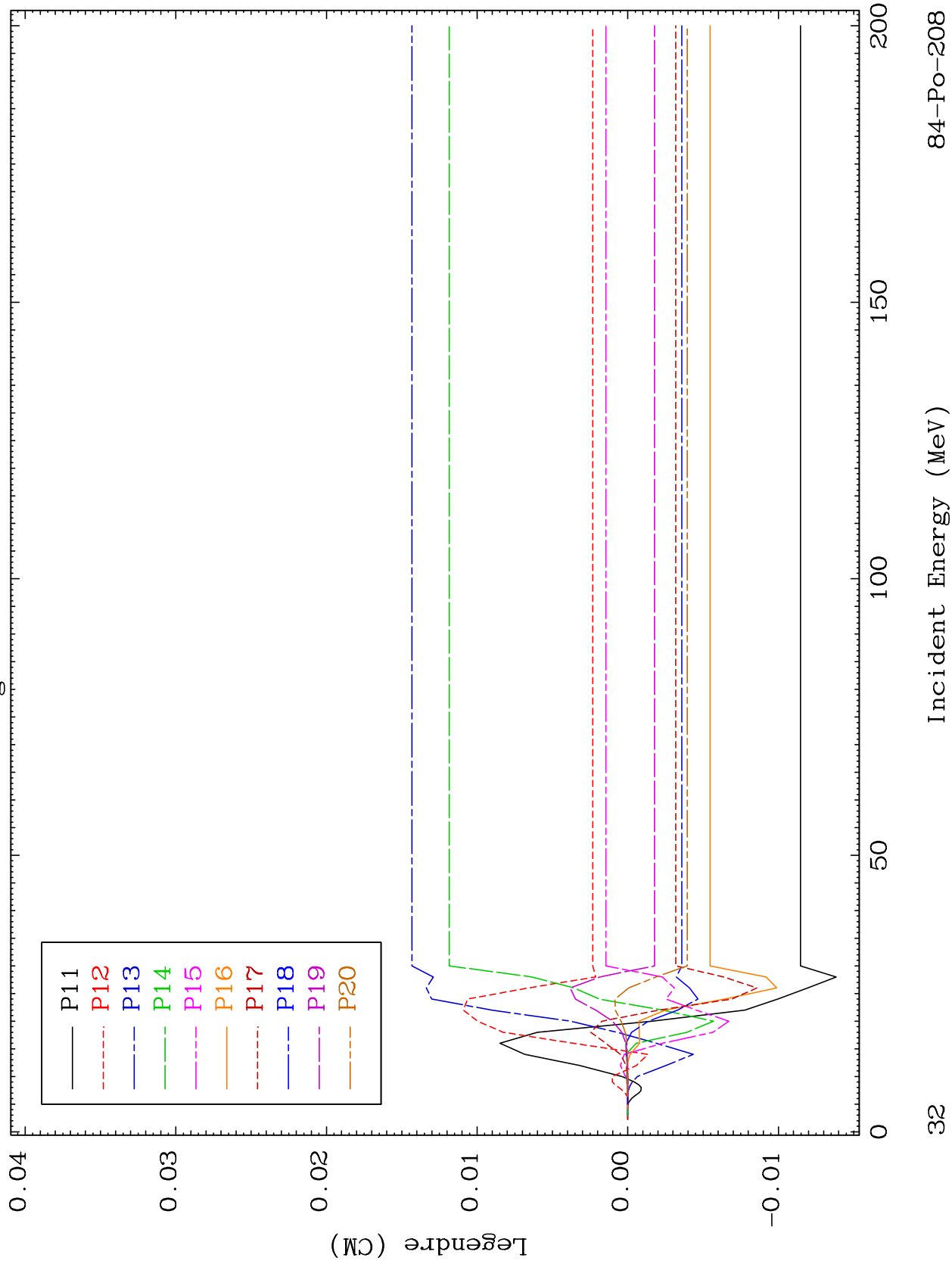


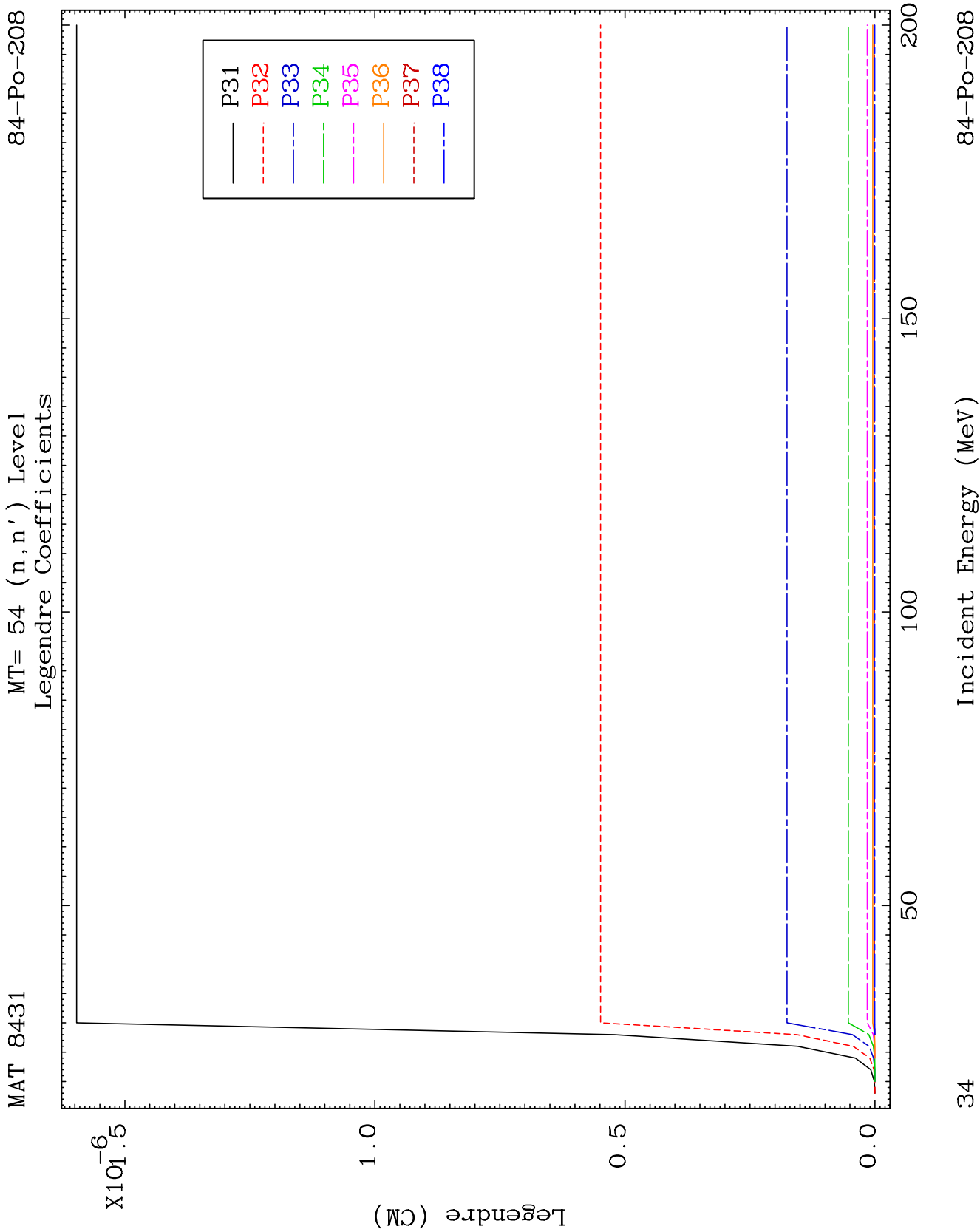


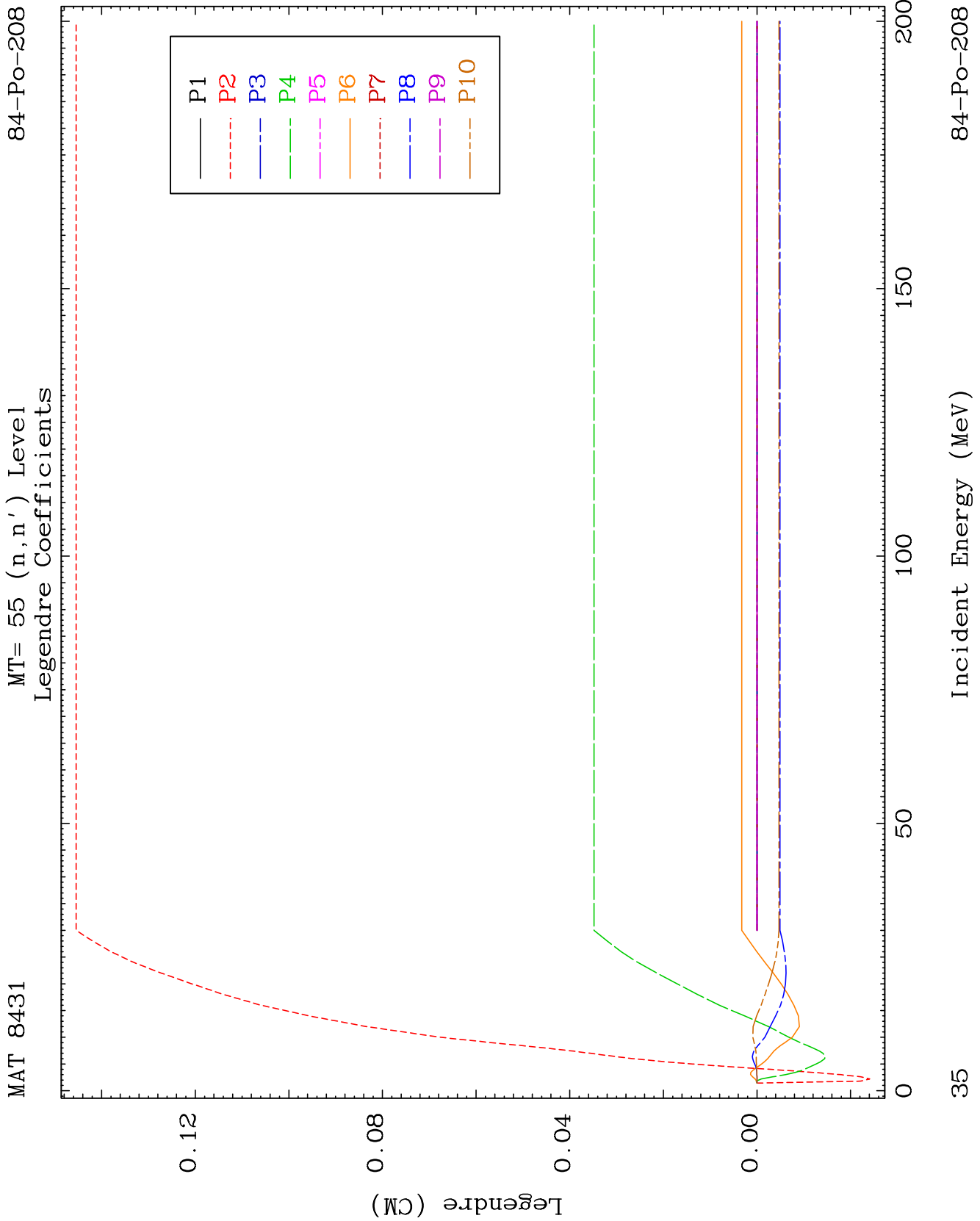
MAT 8431

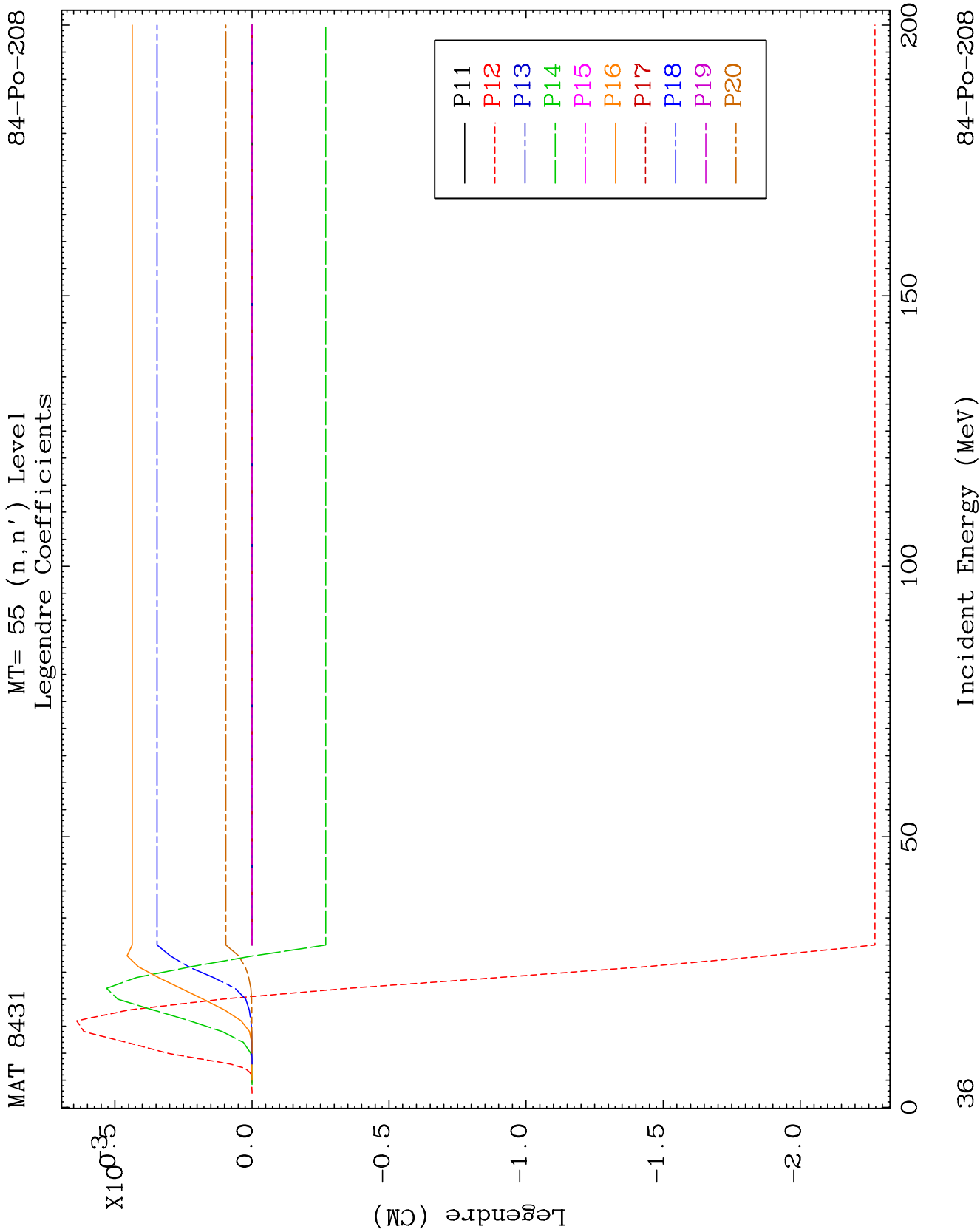
MT= 54 (n, n') Level
Legendre Coefficients

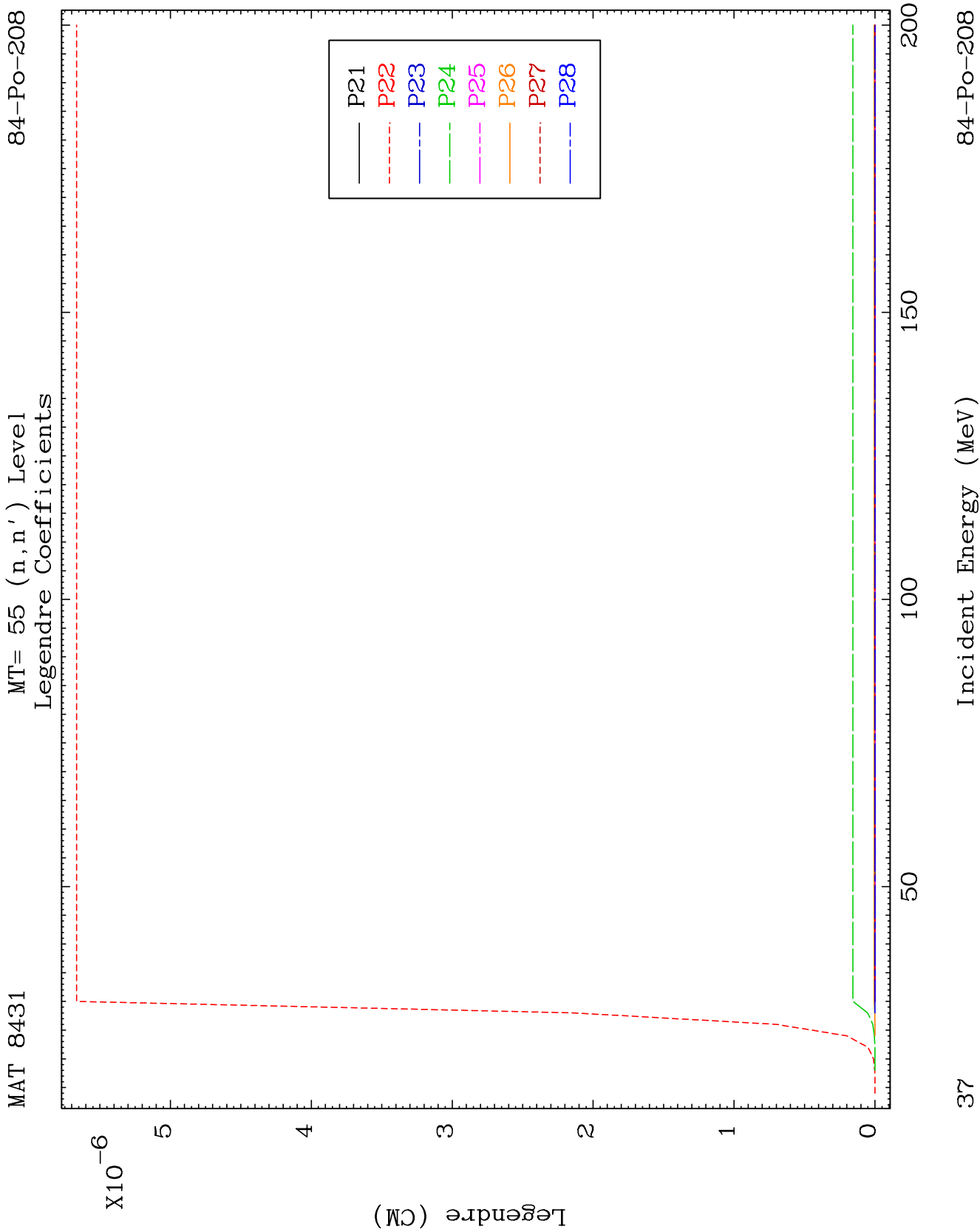
84-Po-208

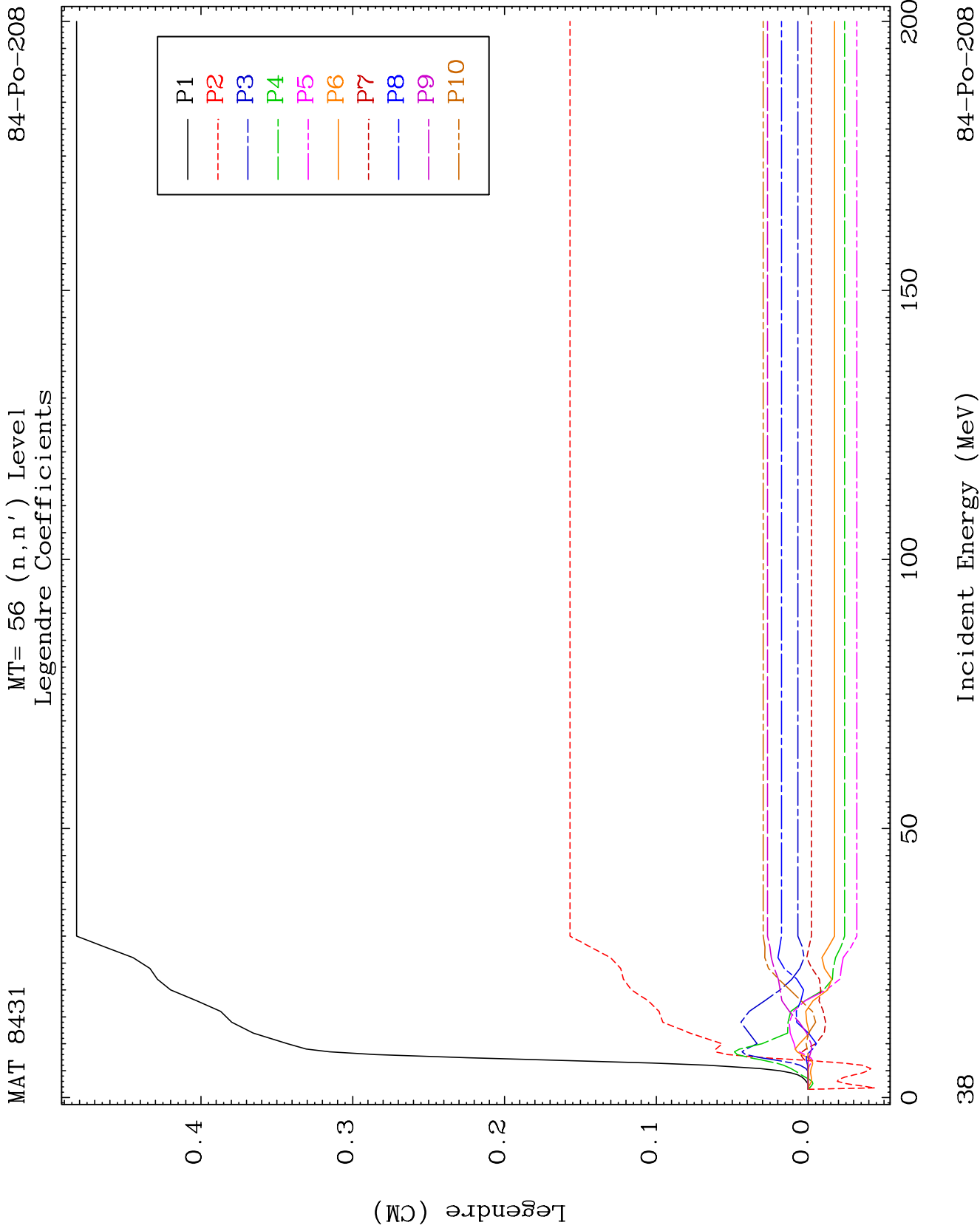








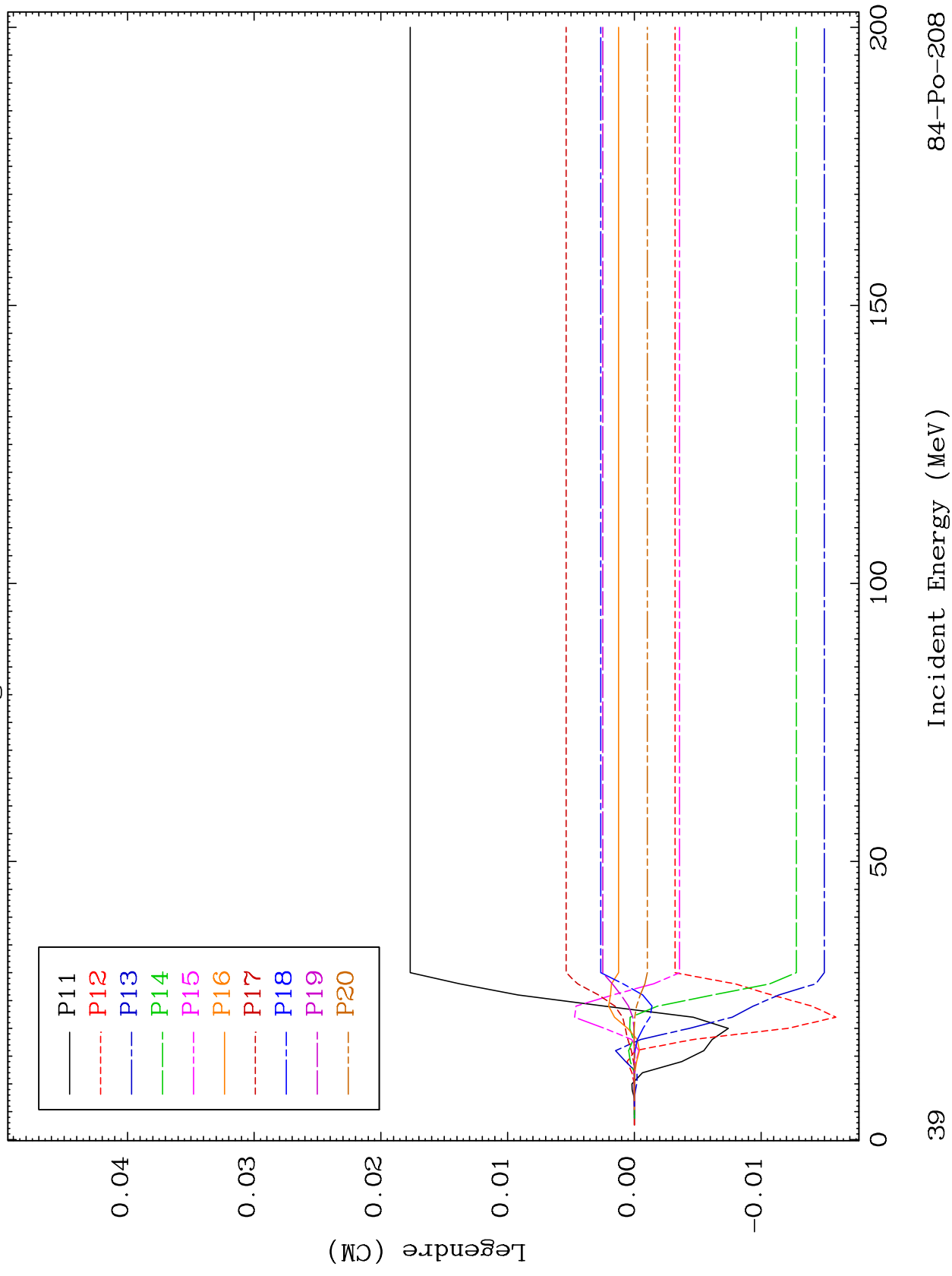


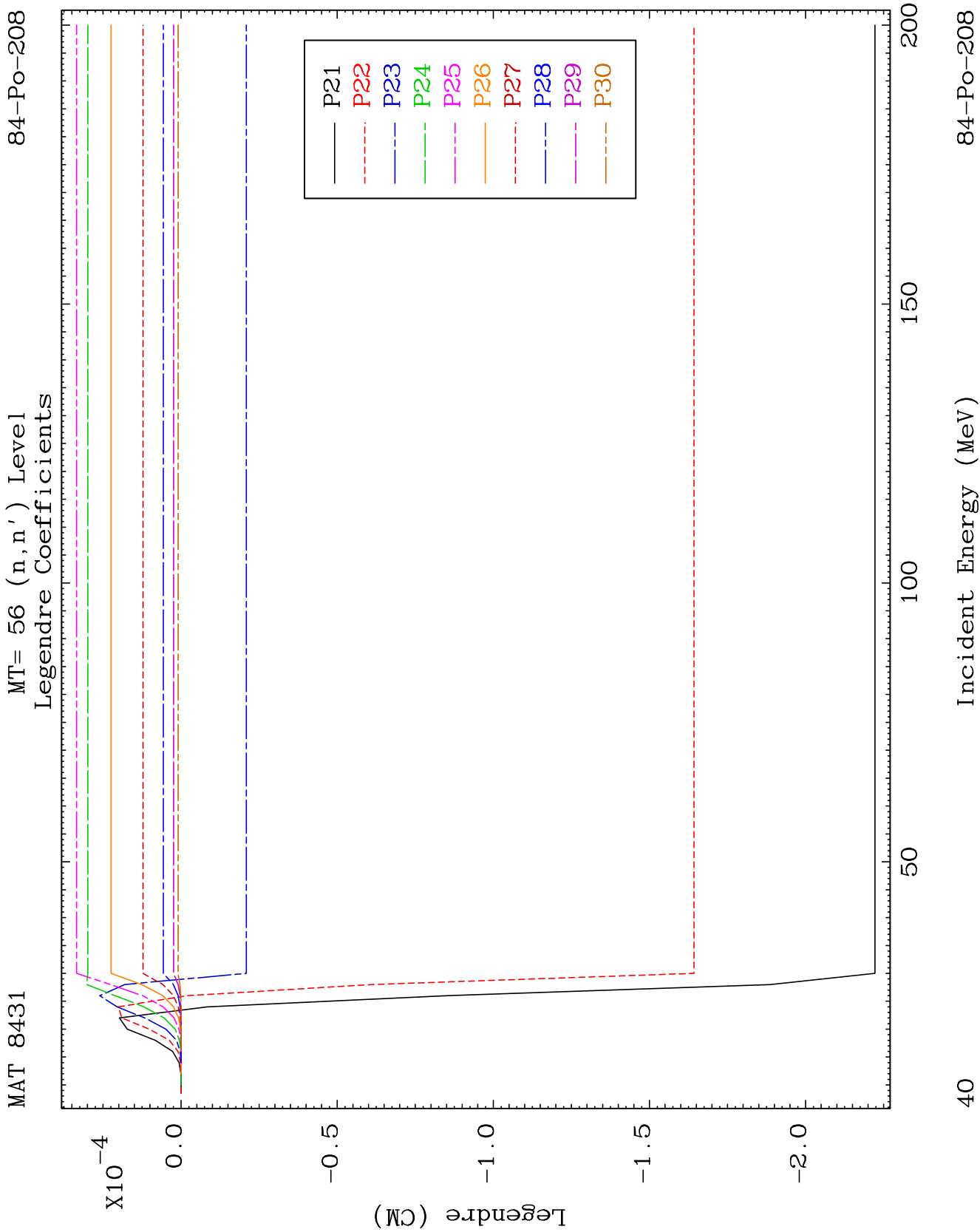


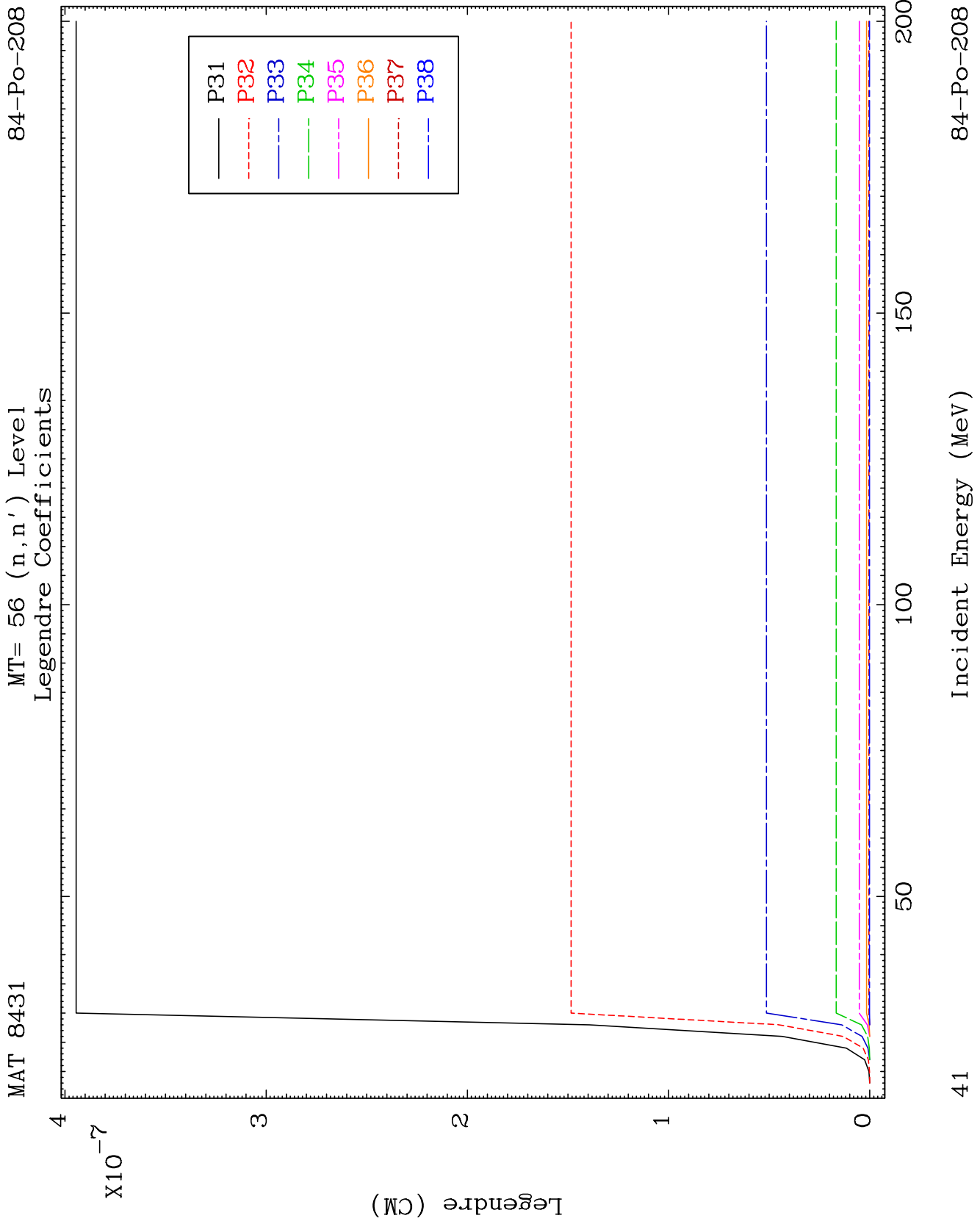
MAT 8431

84-Po-208

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



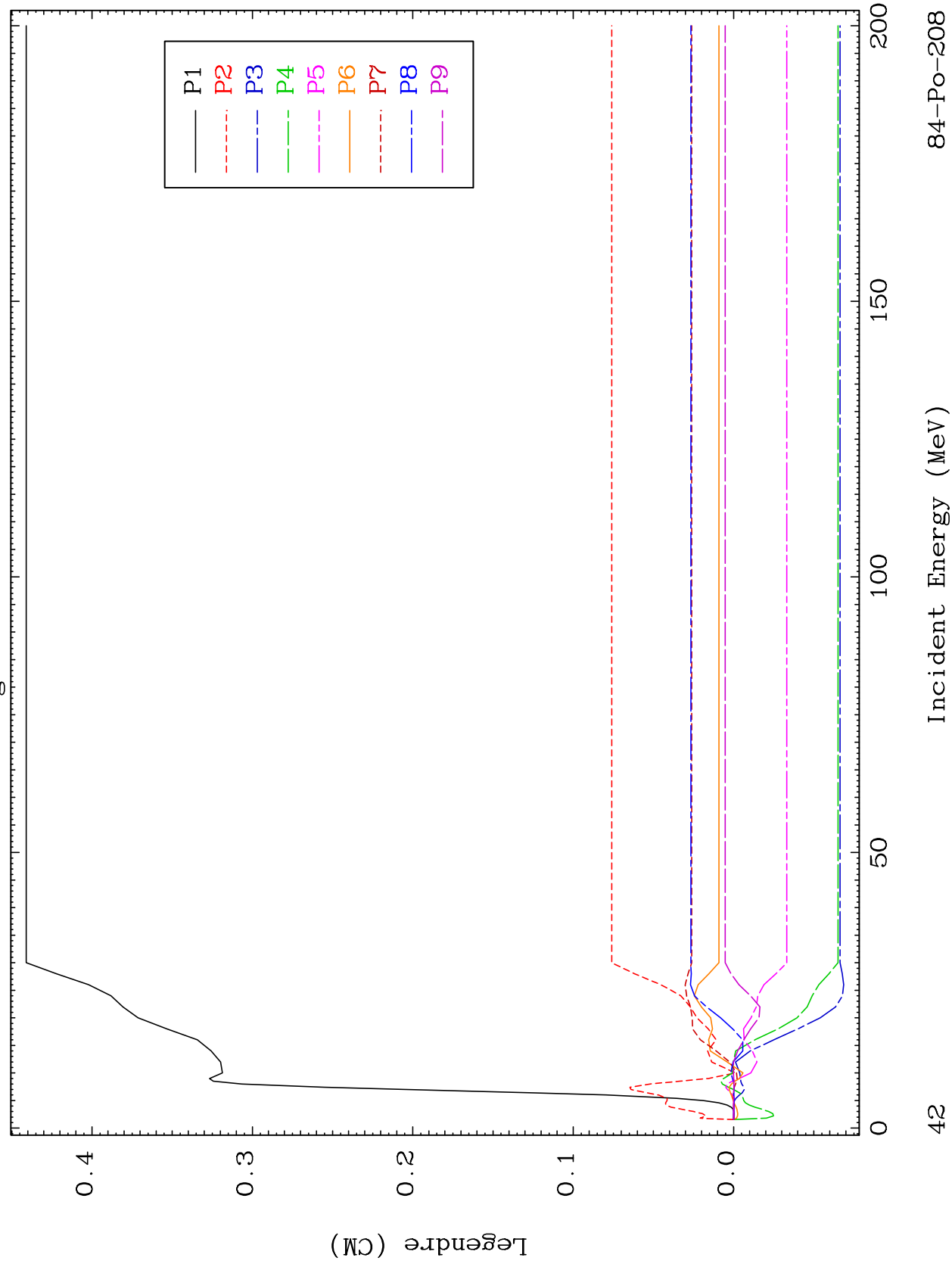




MAT 8431

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

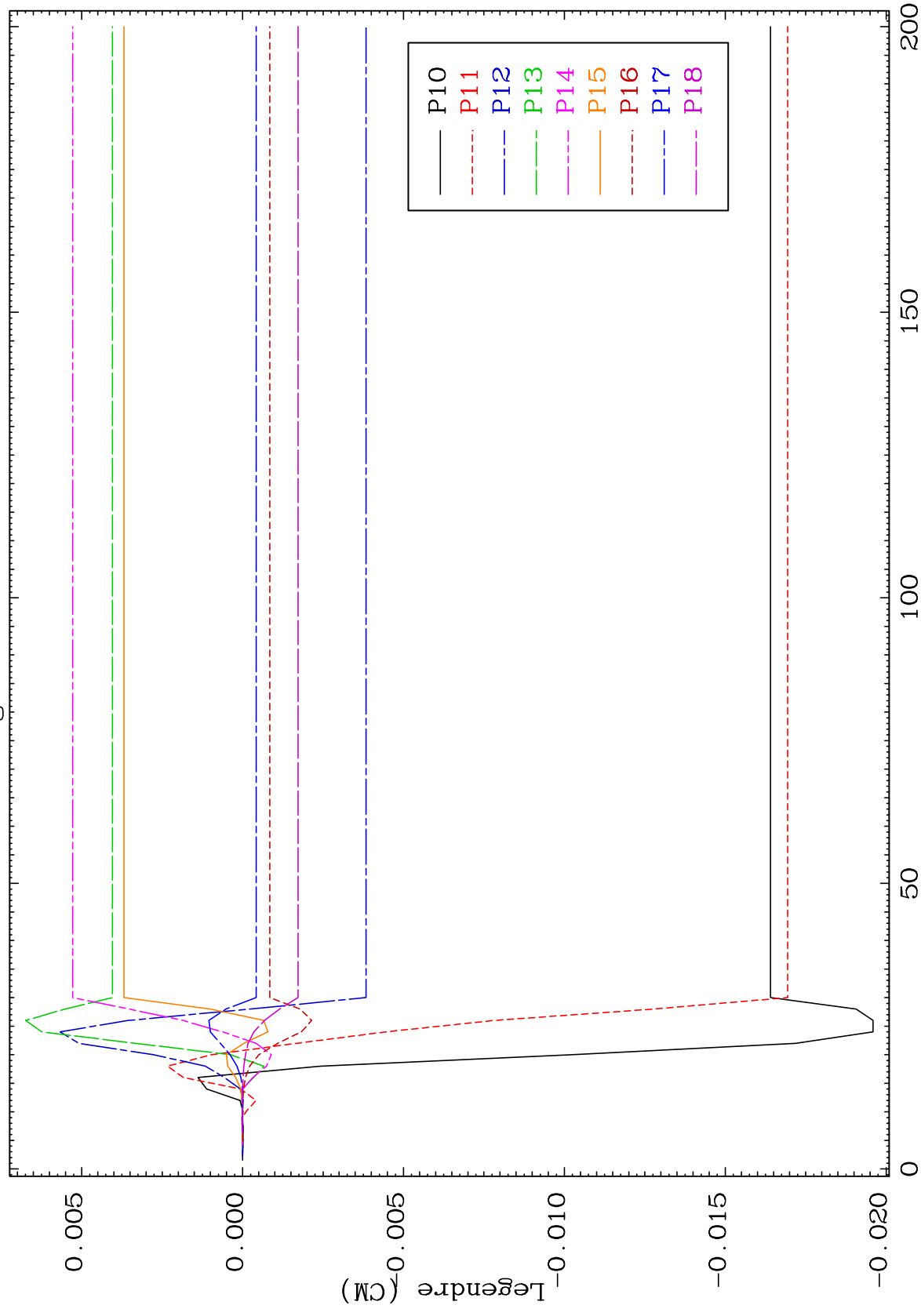
84-Po-208



MAT 8431

84-Po-208

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



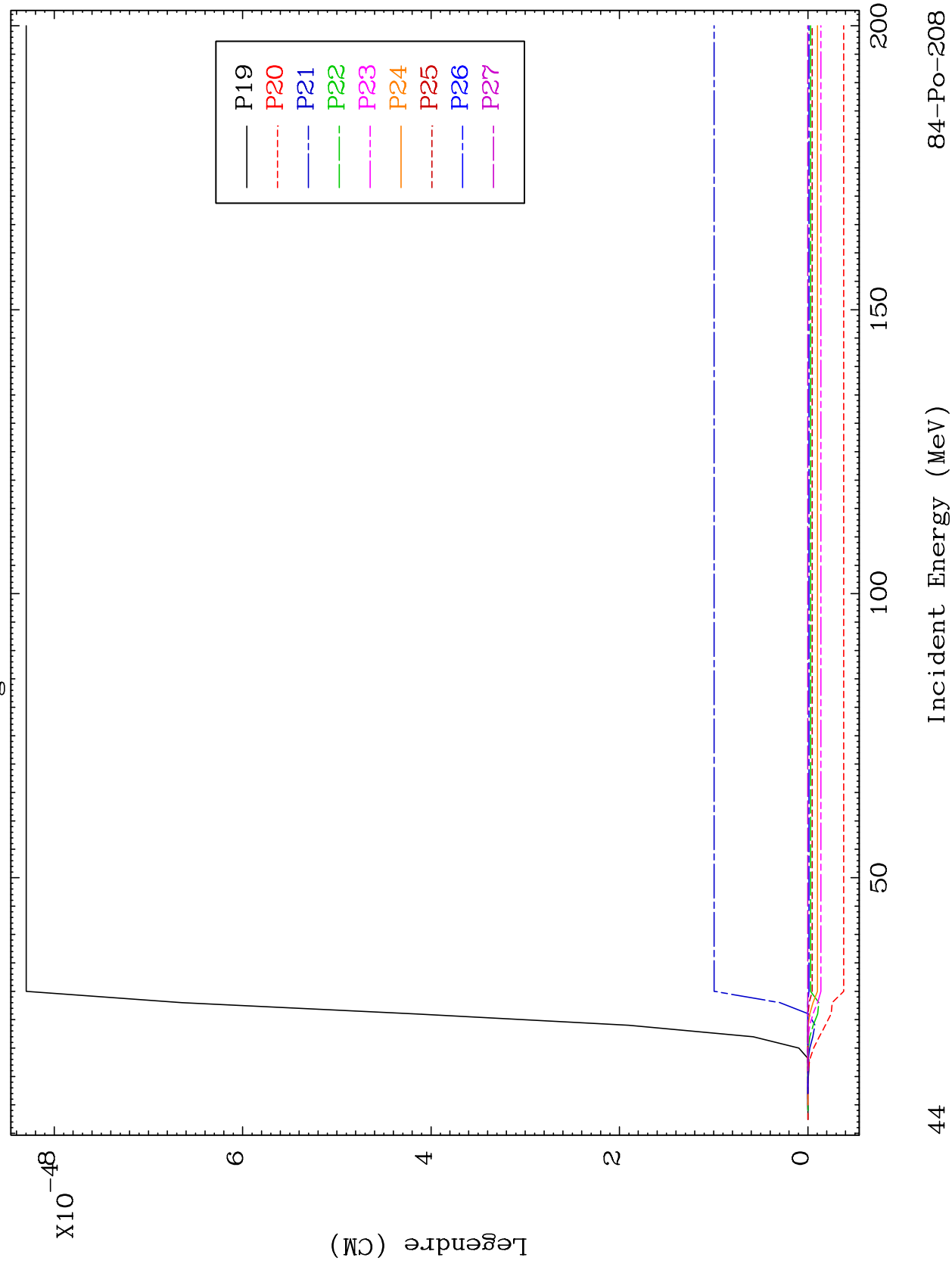
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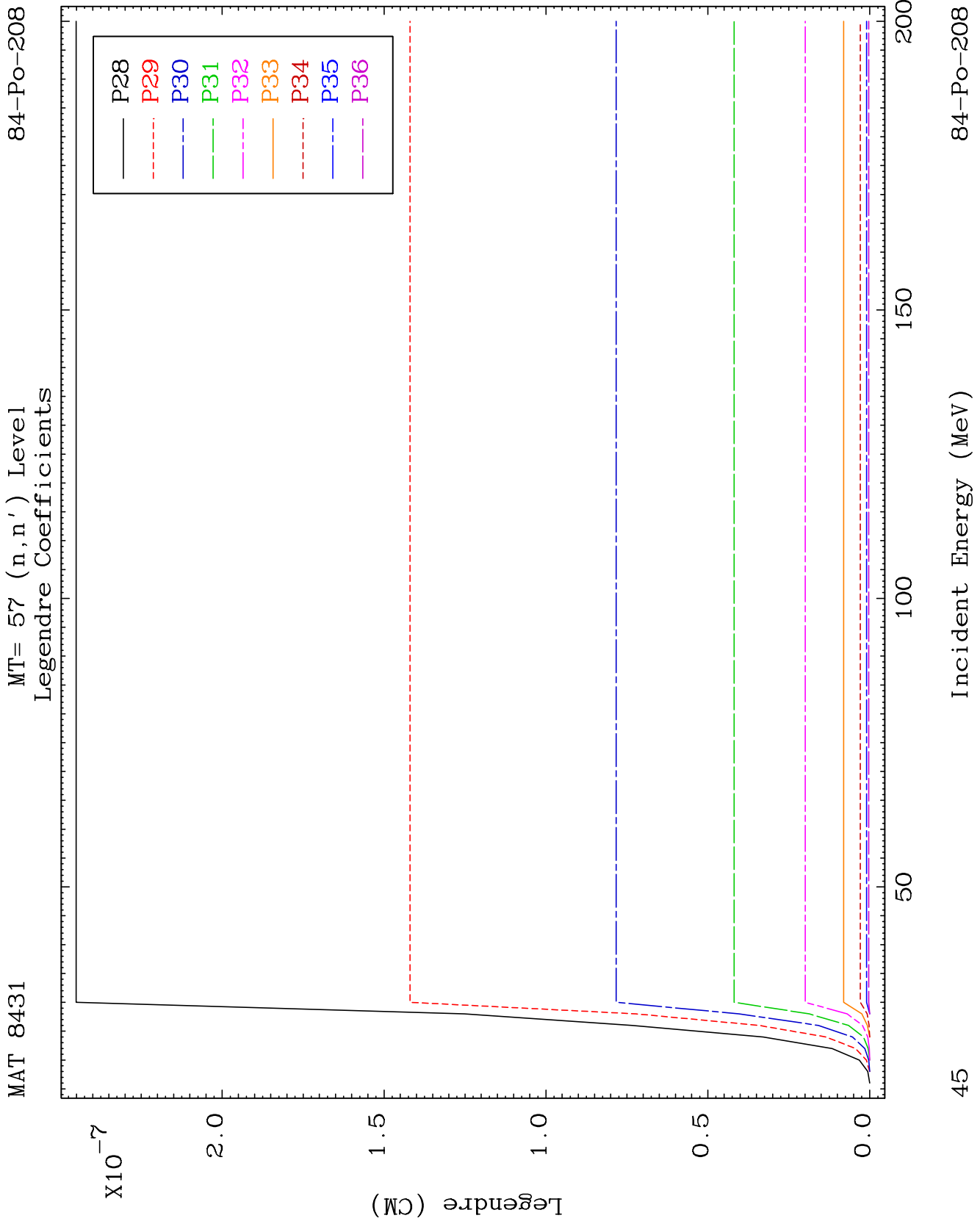
Incident Energy (MeV)

MAT 8431

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

84-Po-208

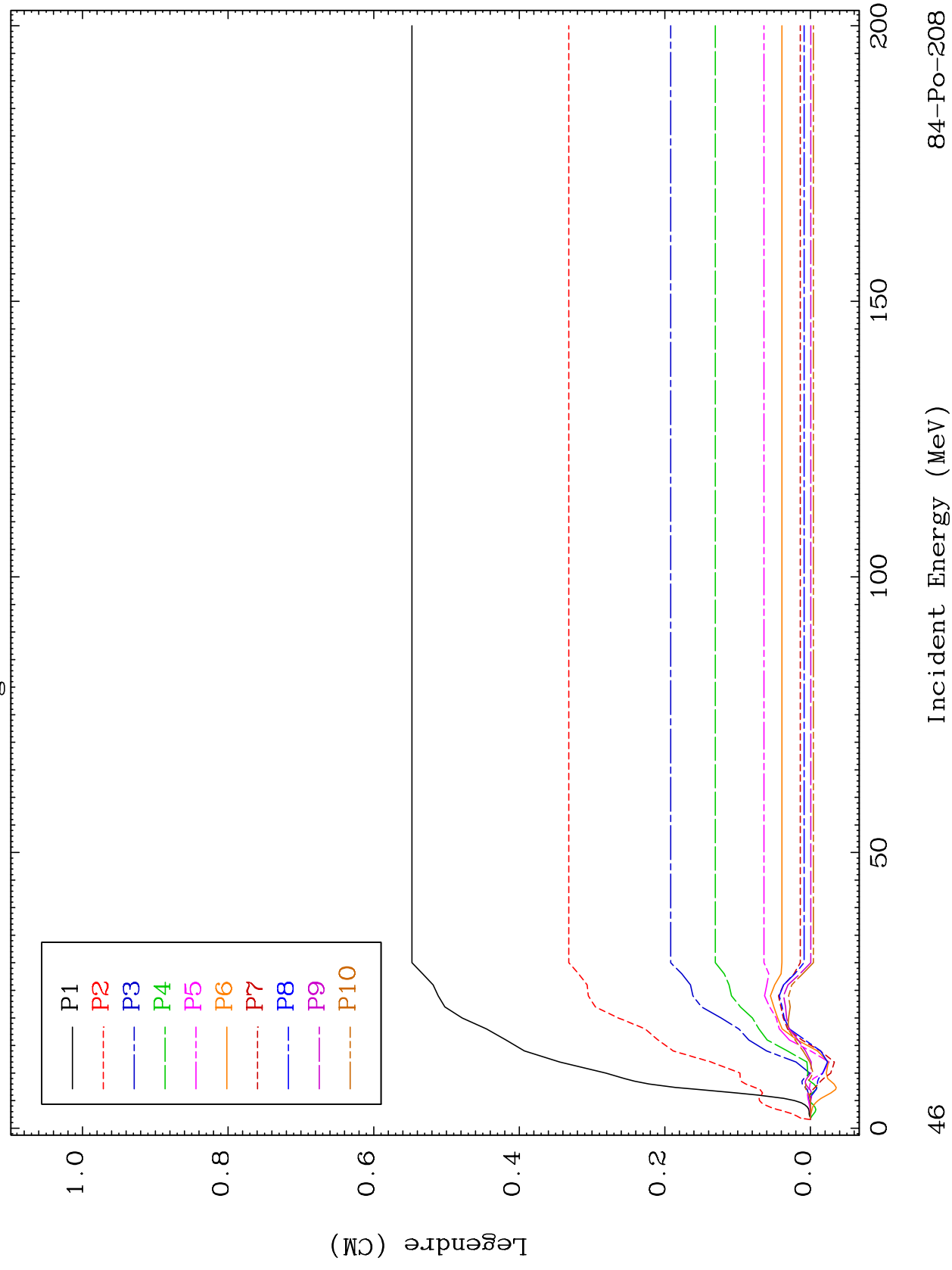




MAT 8431

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

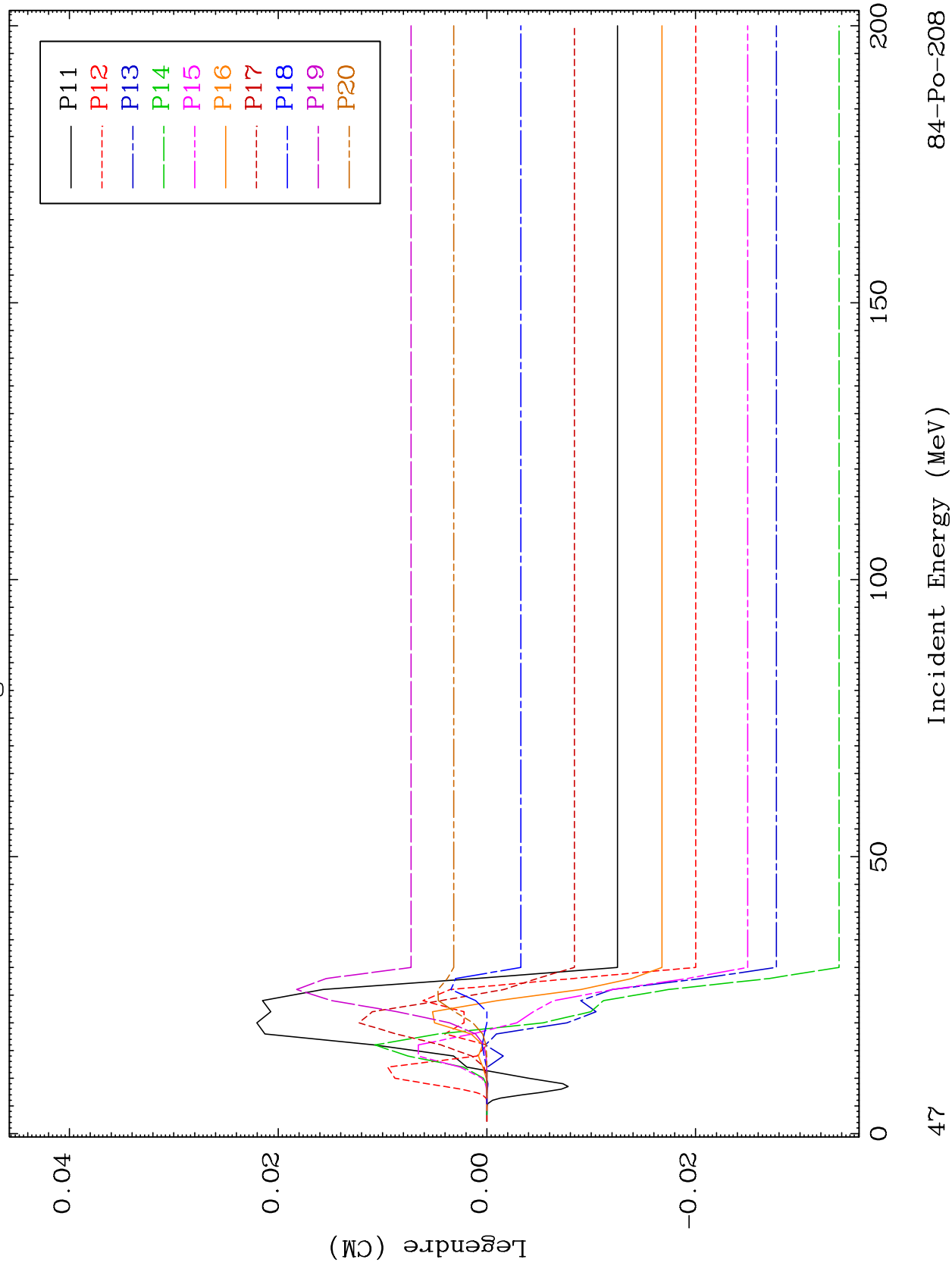
84-Po-208



MAT 8431

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

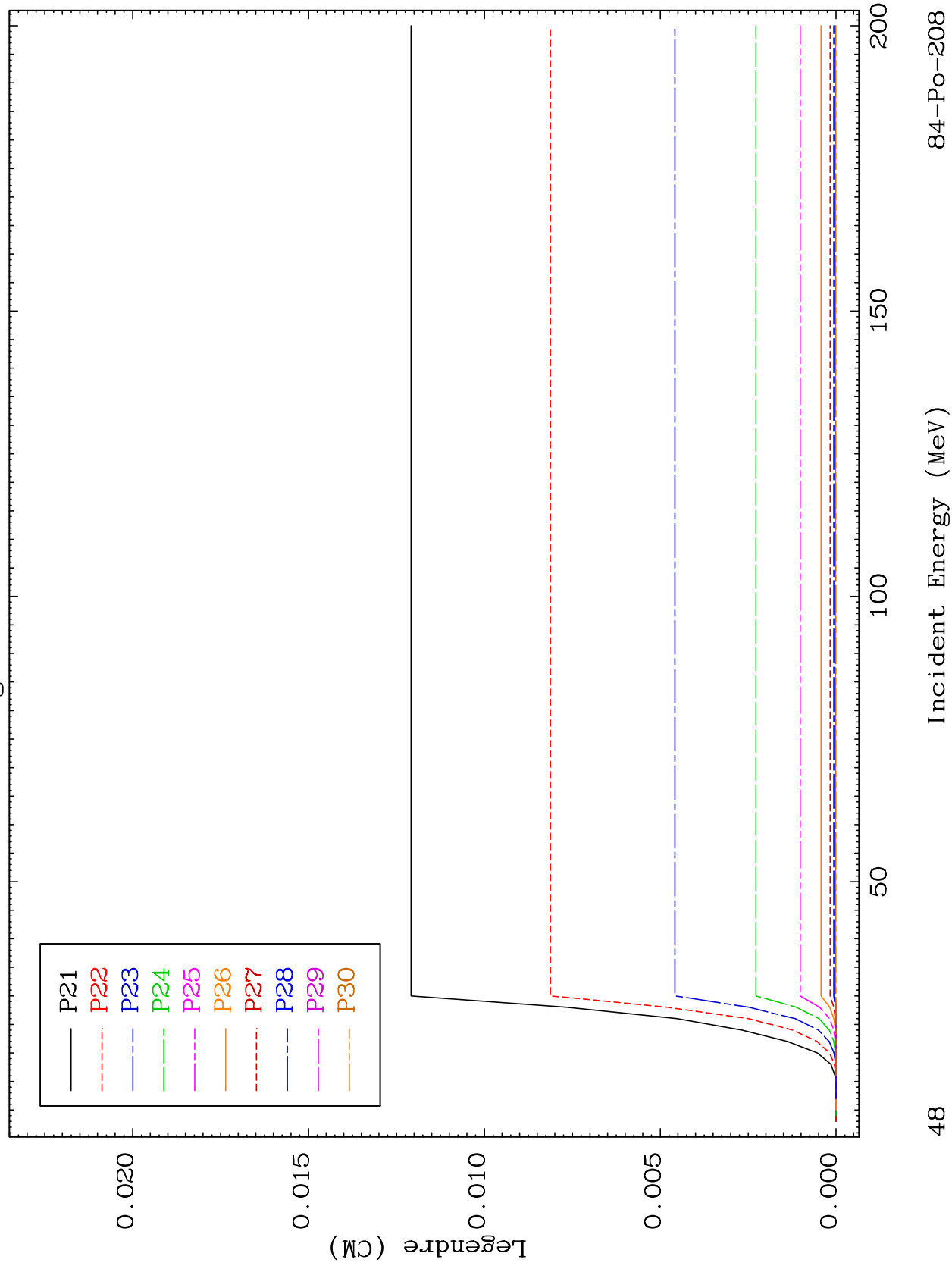
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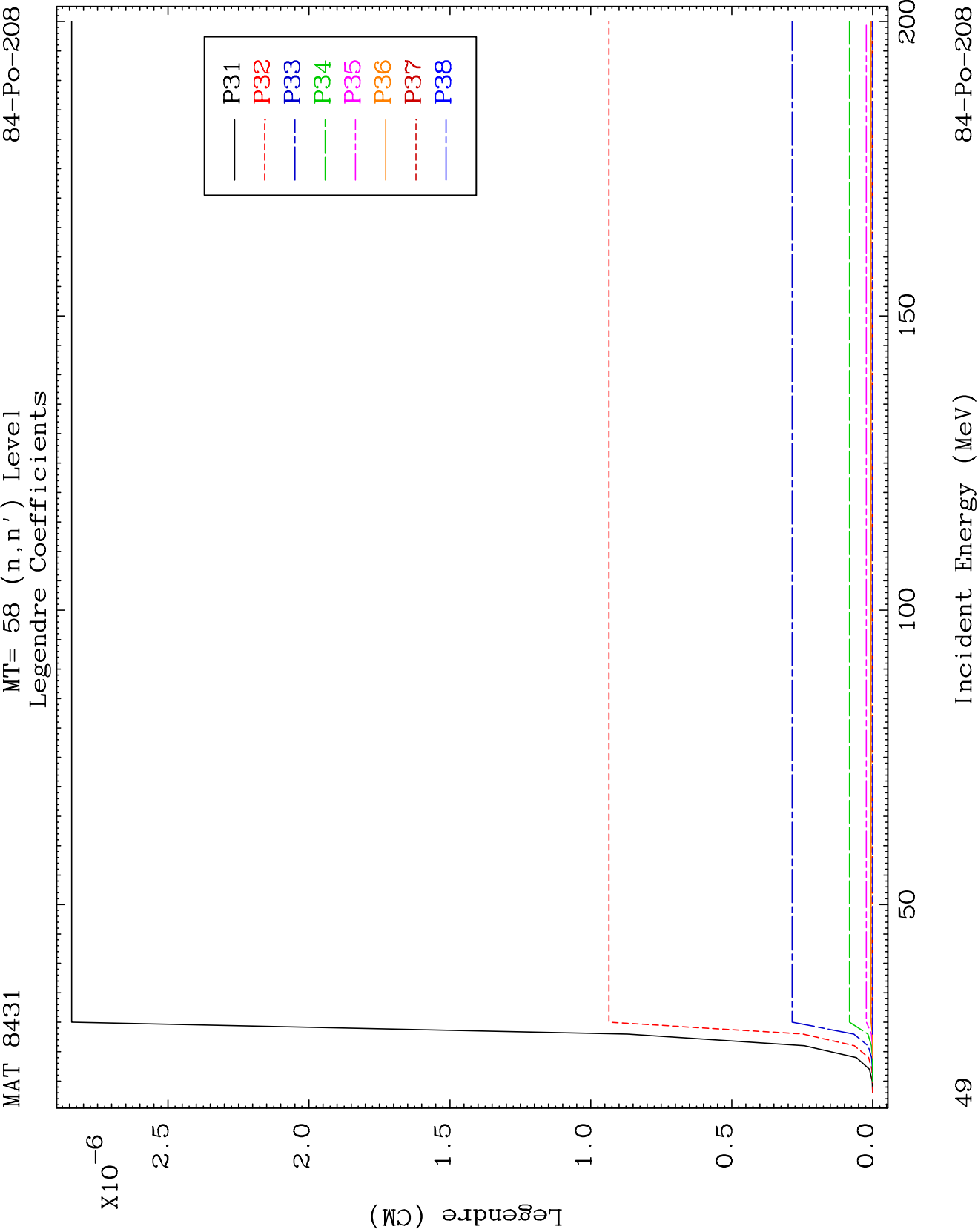


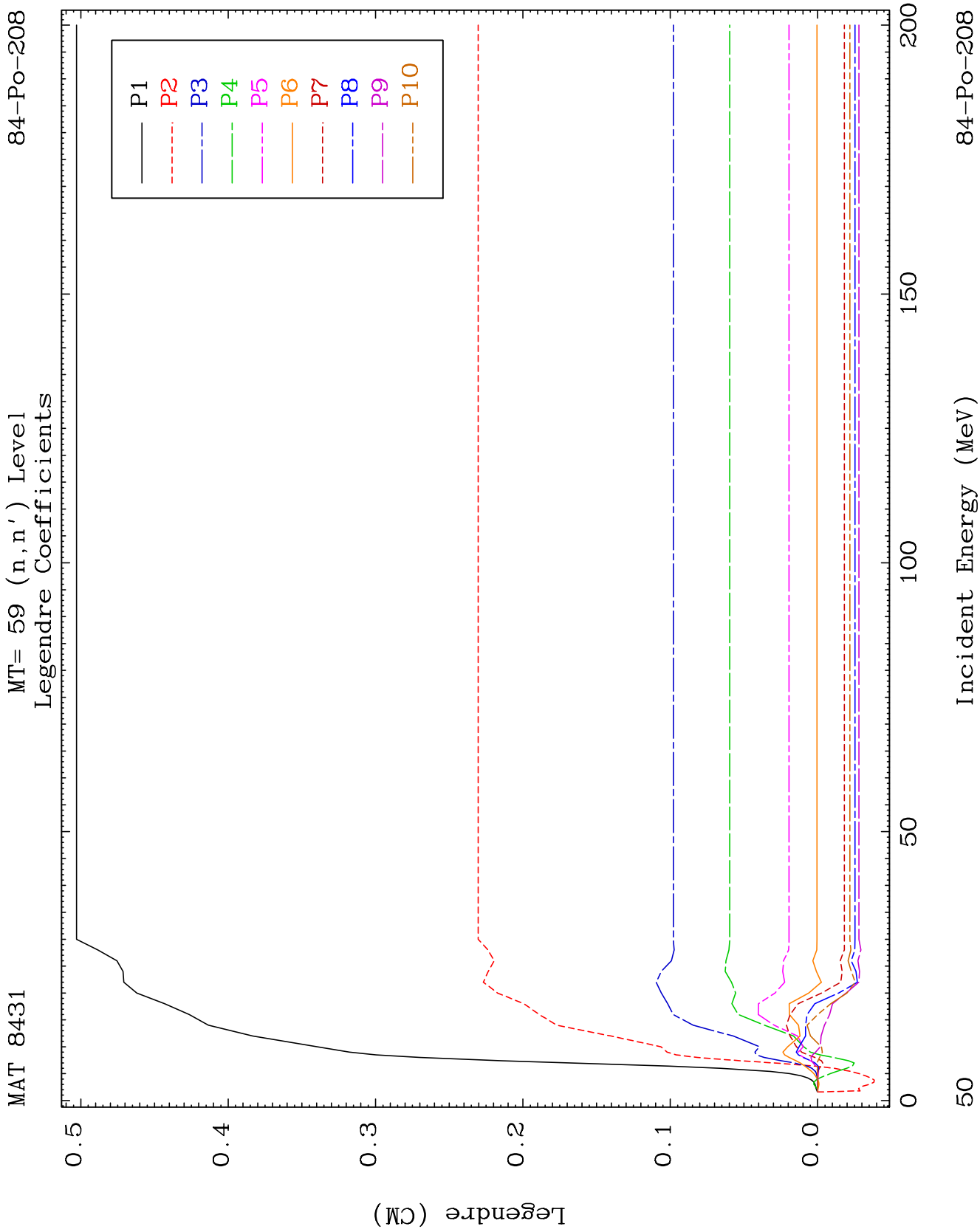
MAT 8431

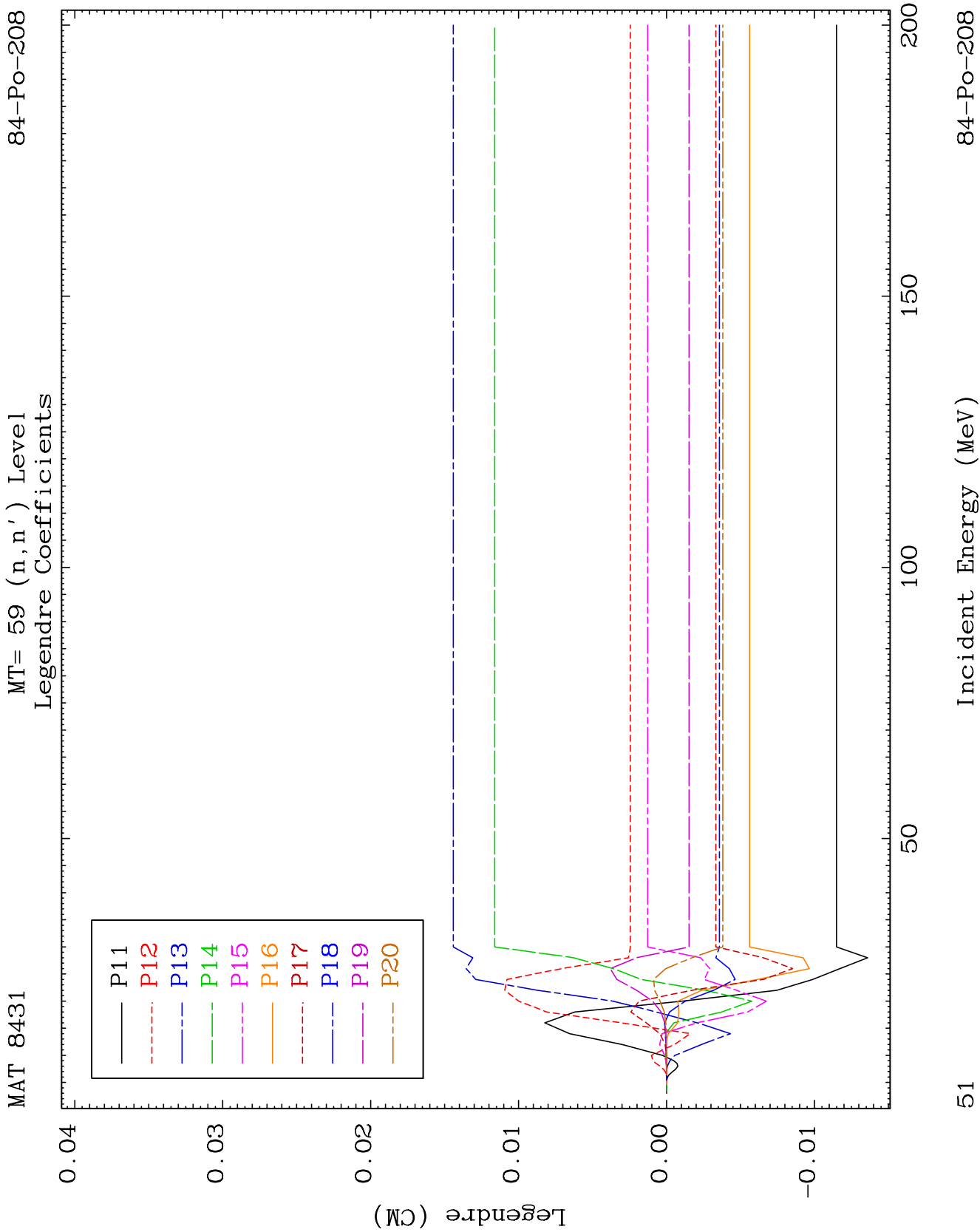
MT= 58 (n, n') Level
Legendre Coefficients

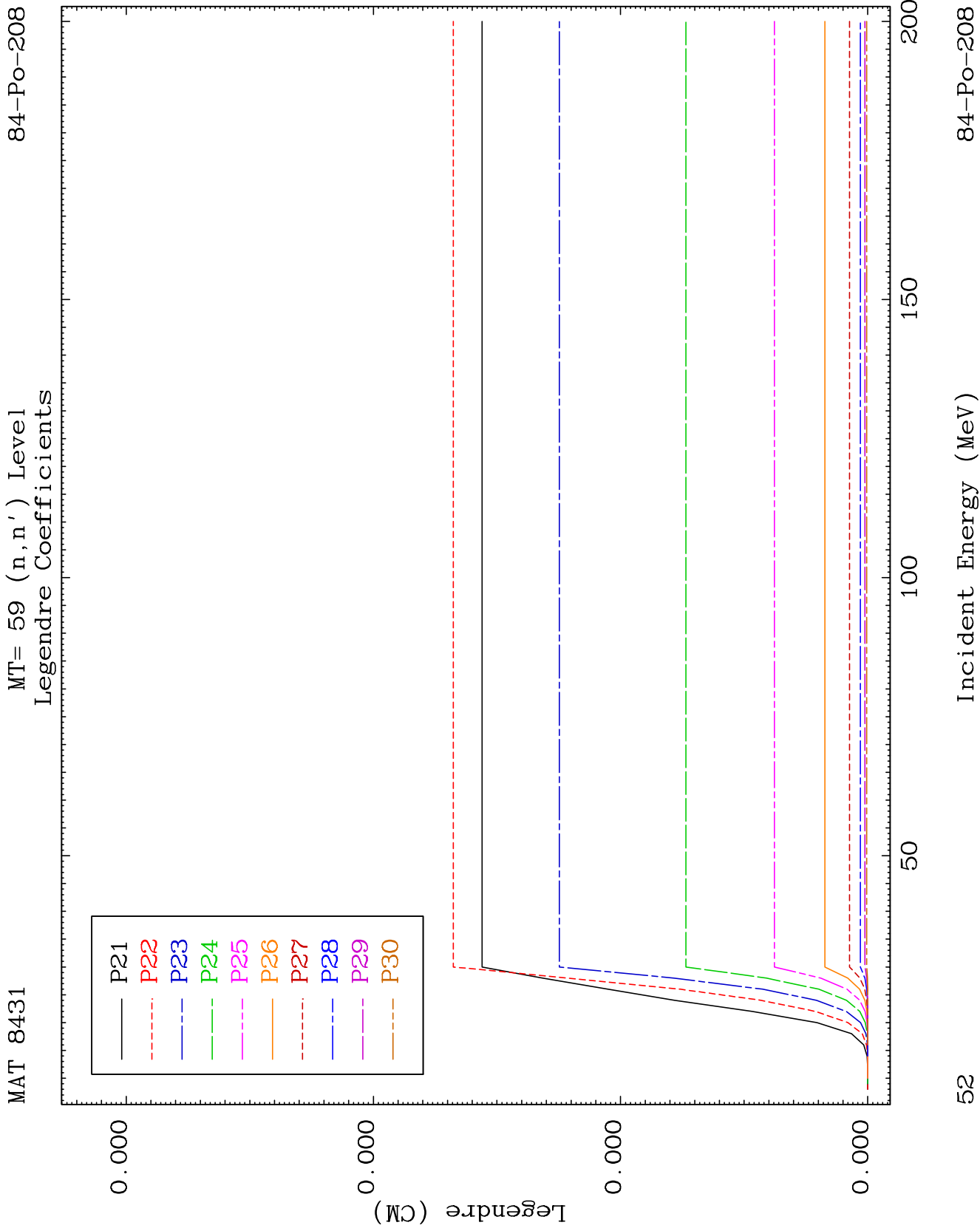
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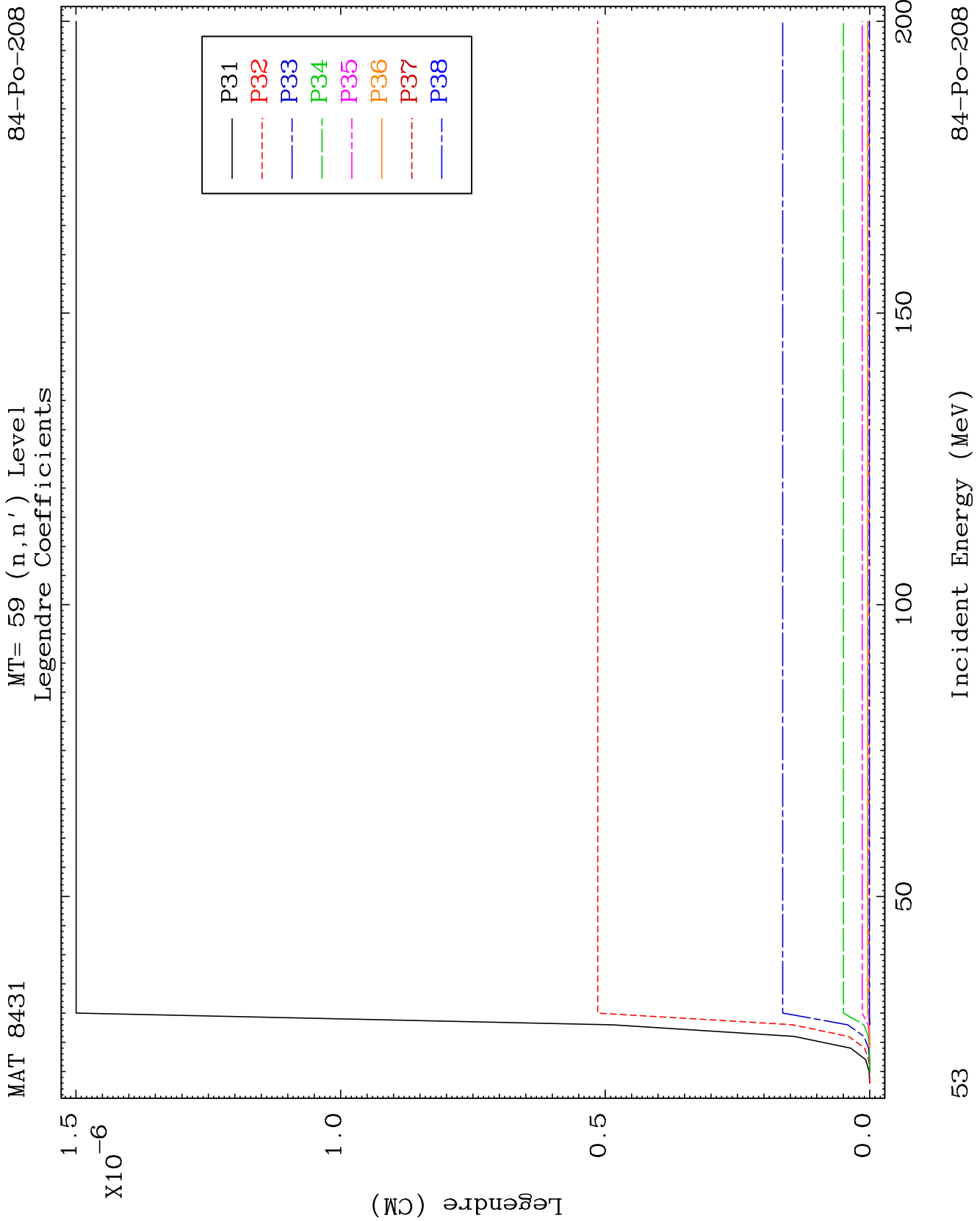


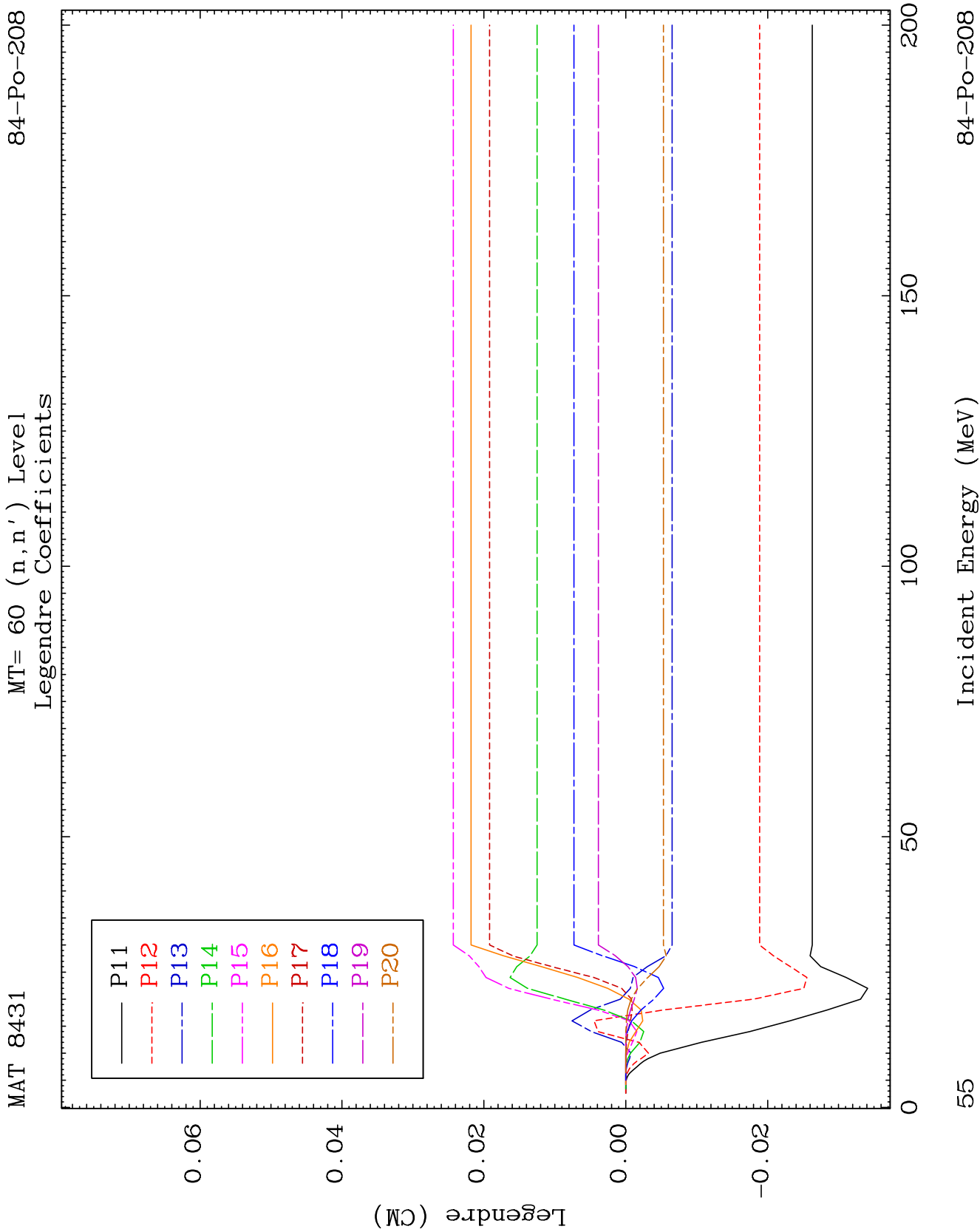


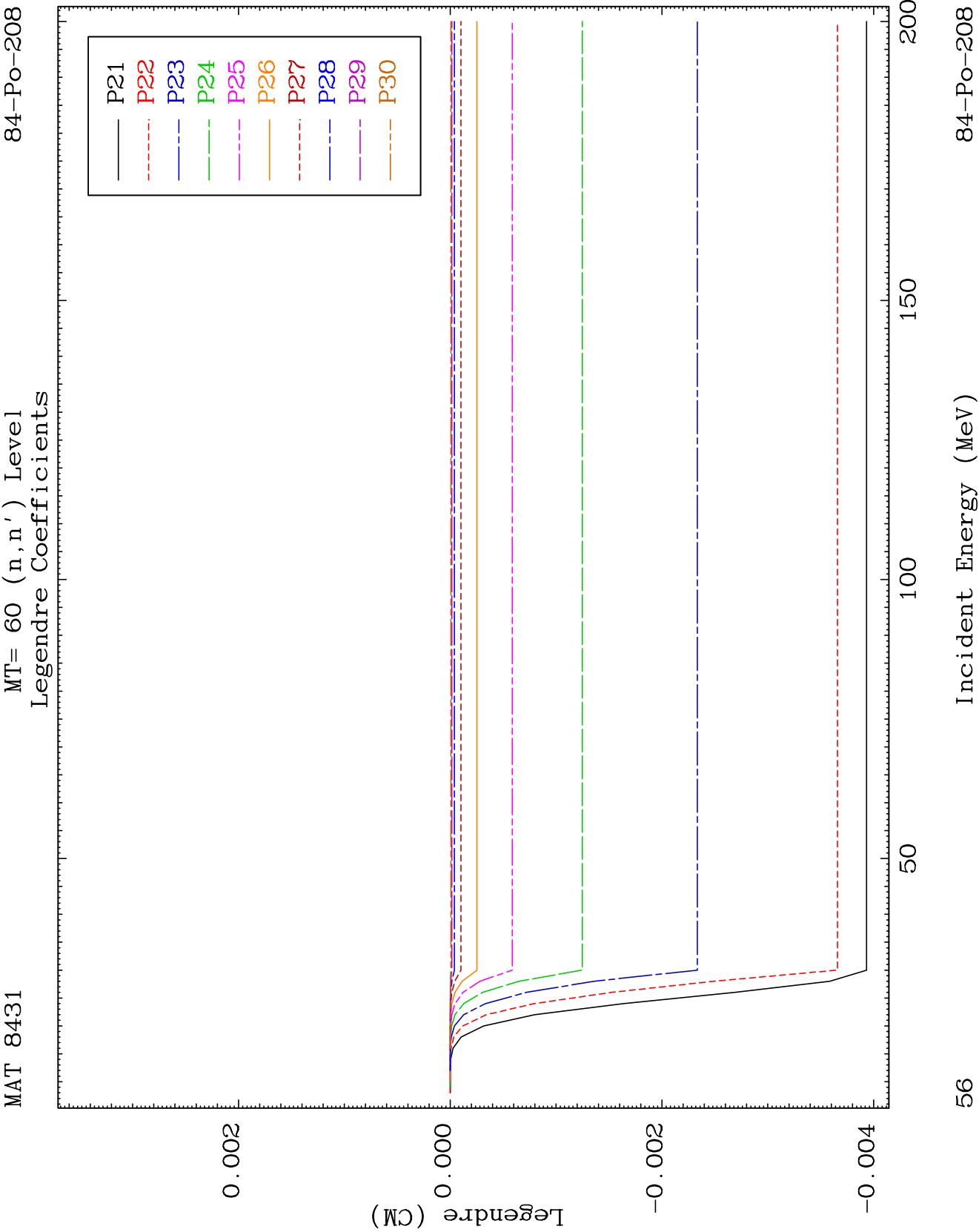










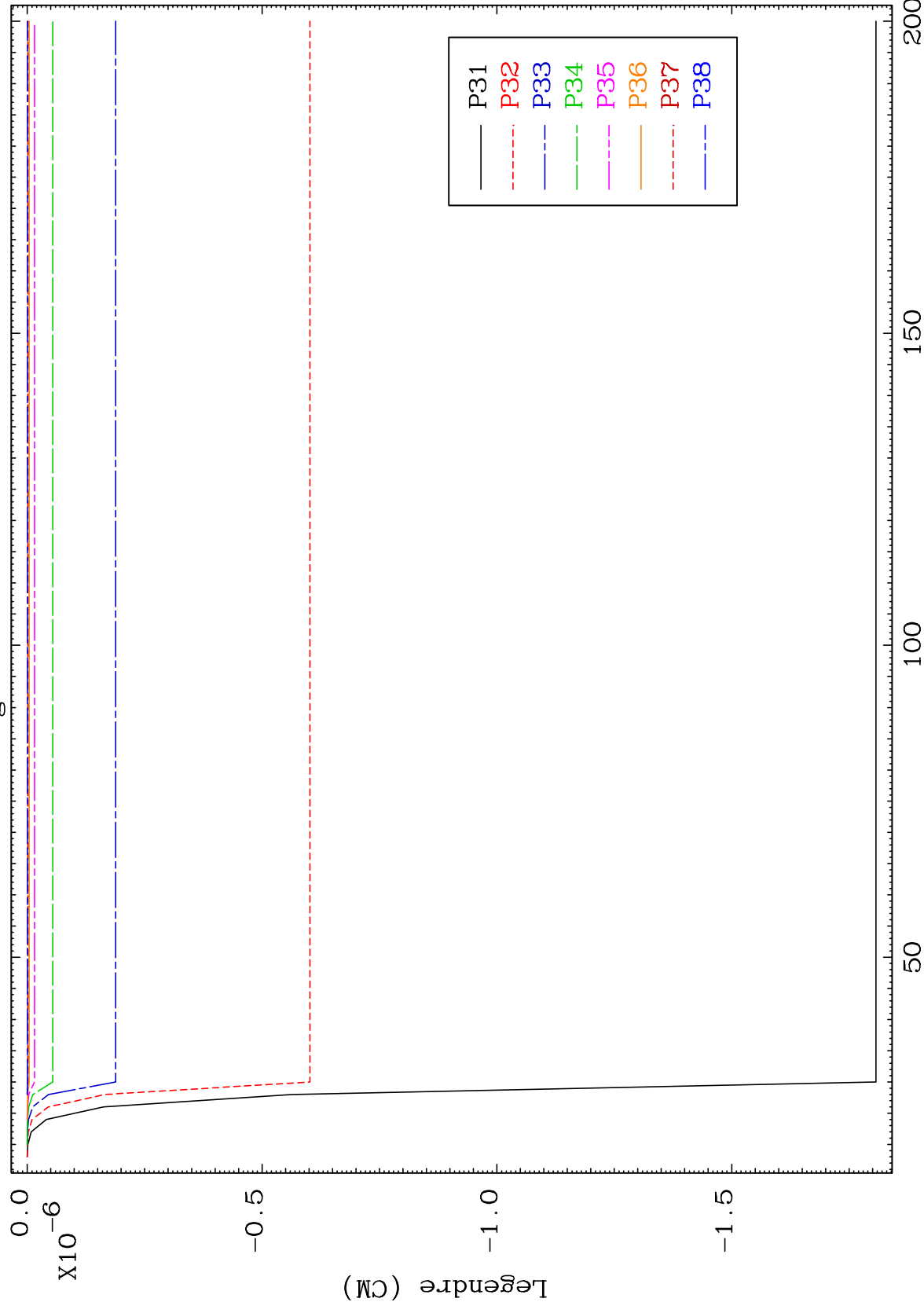


MAT 8431

MT= 60 (n, n') Level

84-Po-208

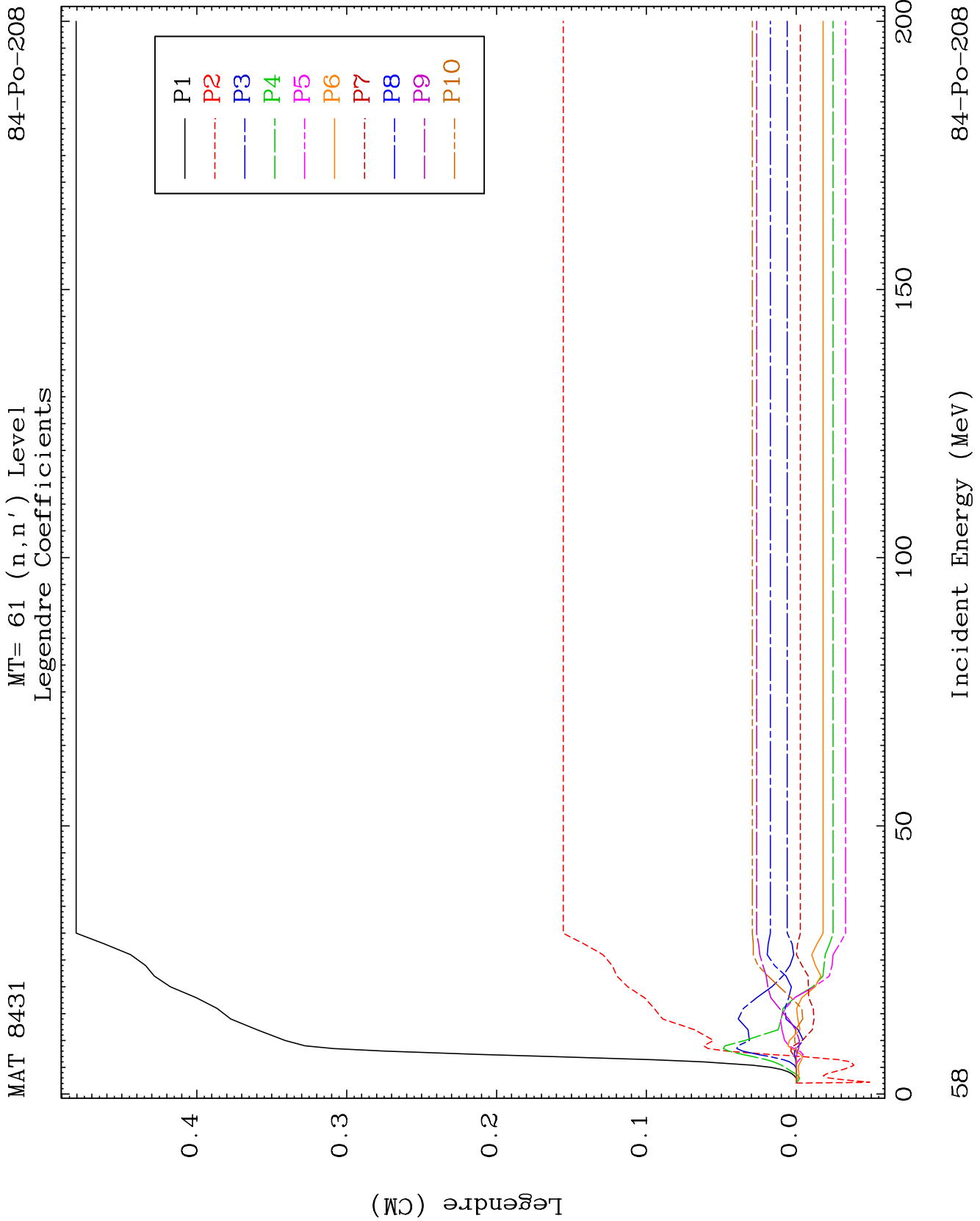
Legendre Coefficients



25

Incident Energy (MeV)

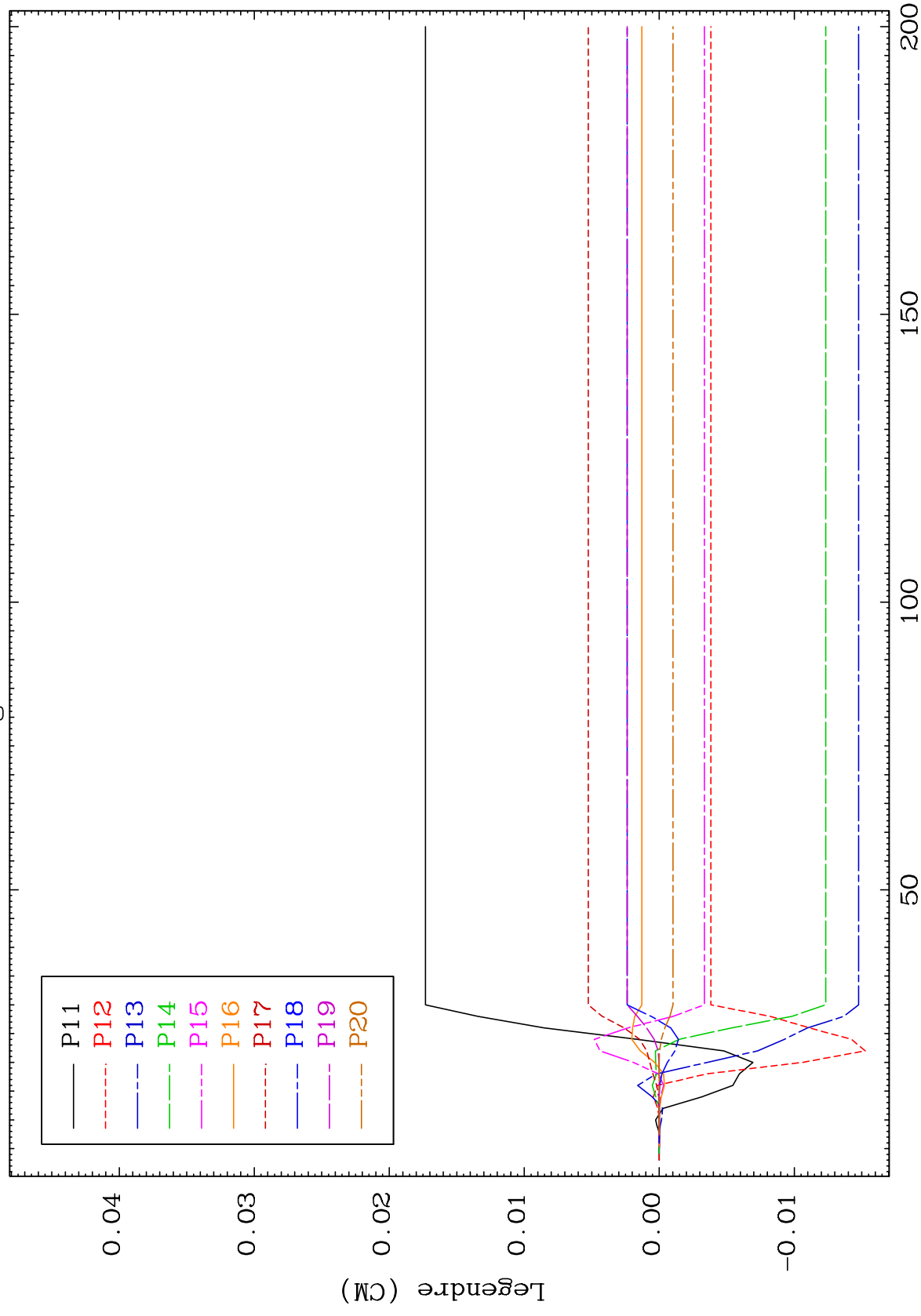
84-Po-208



MAT 8431

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

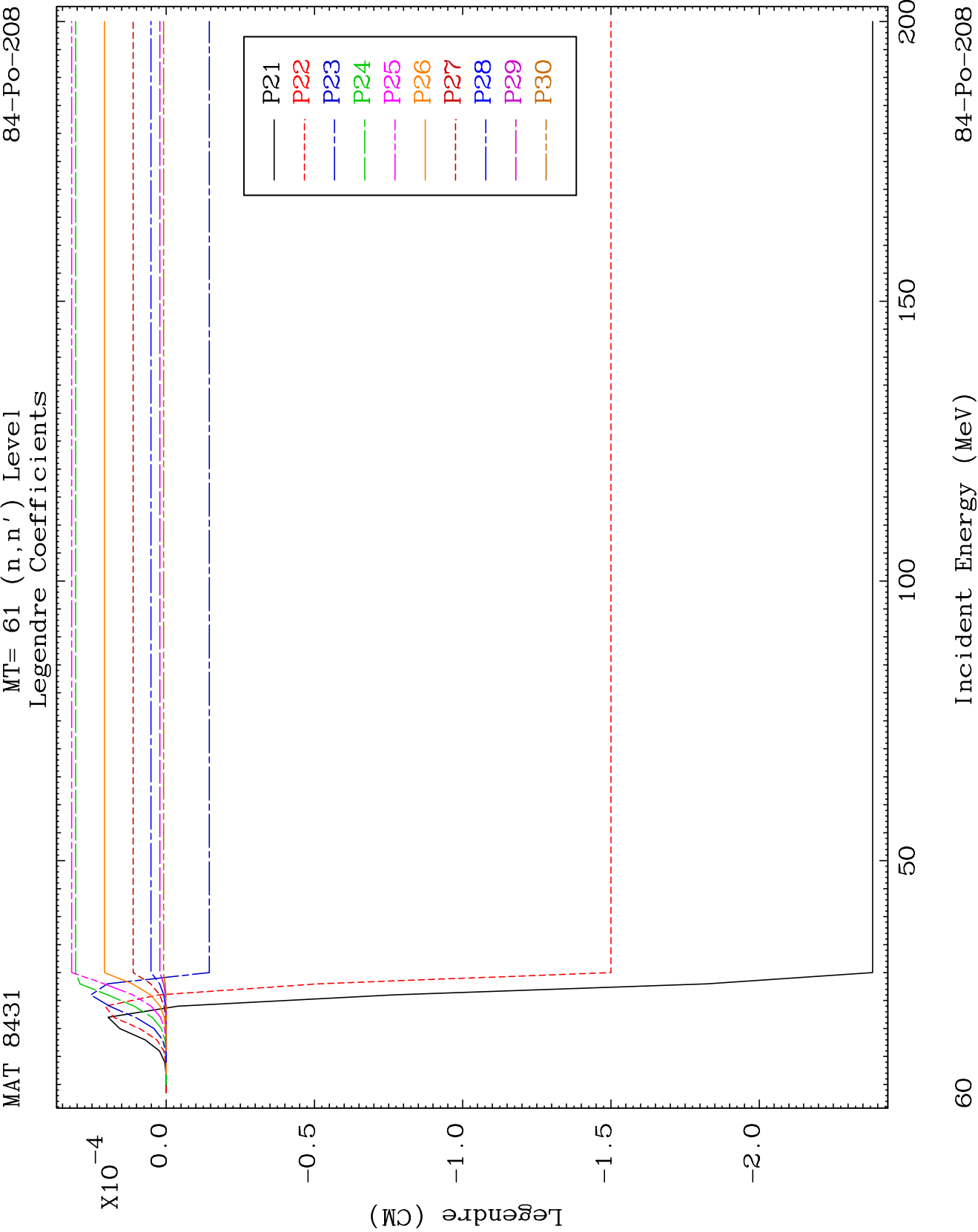
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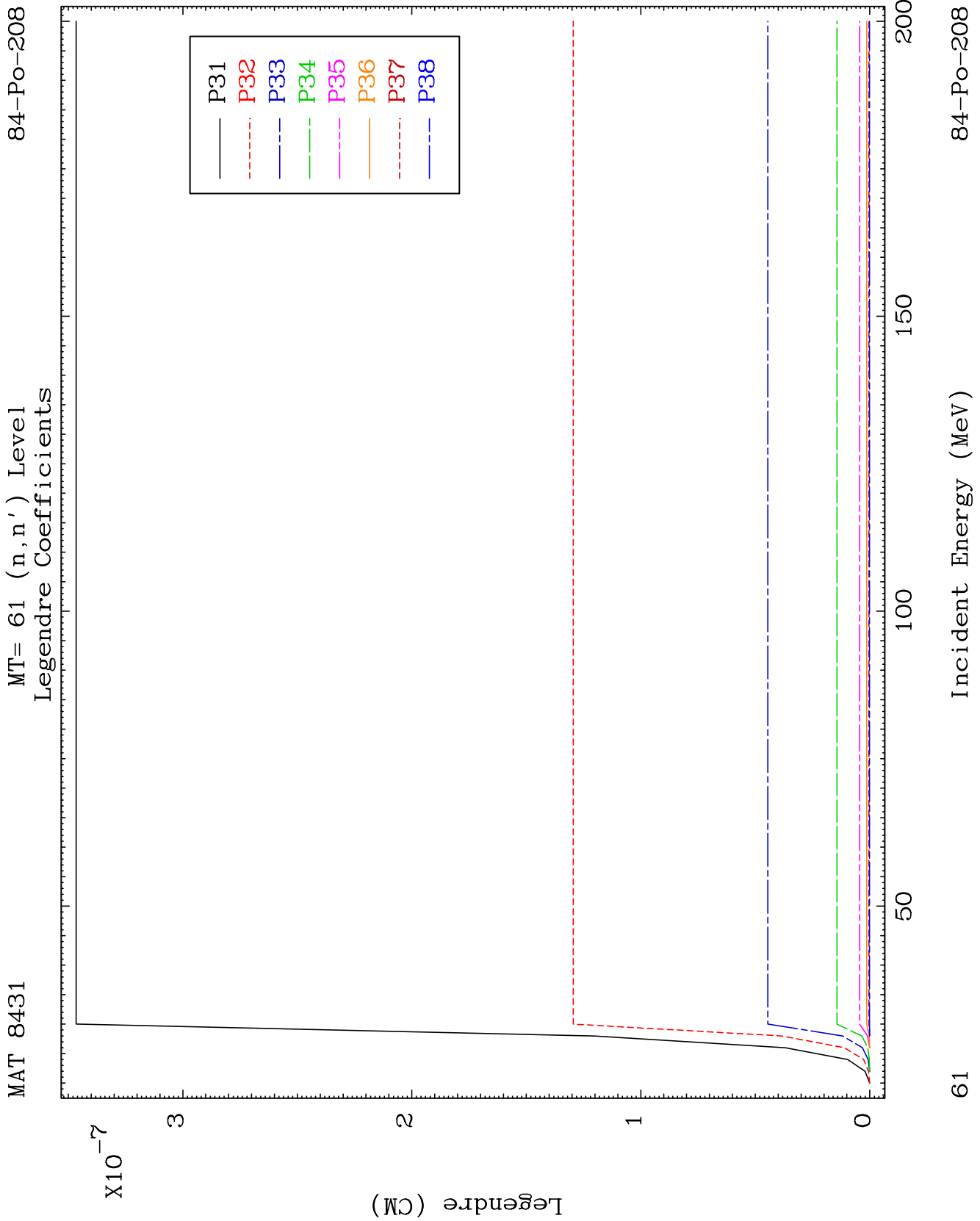


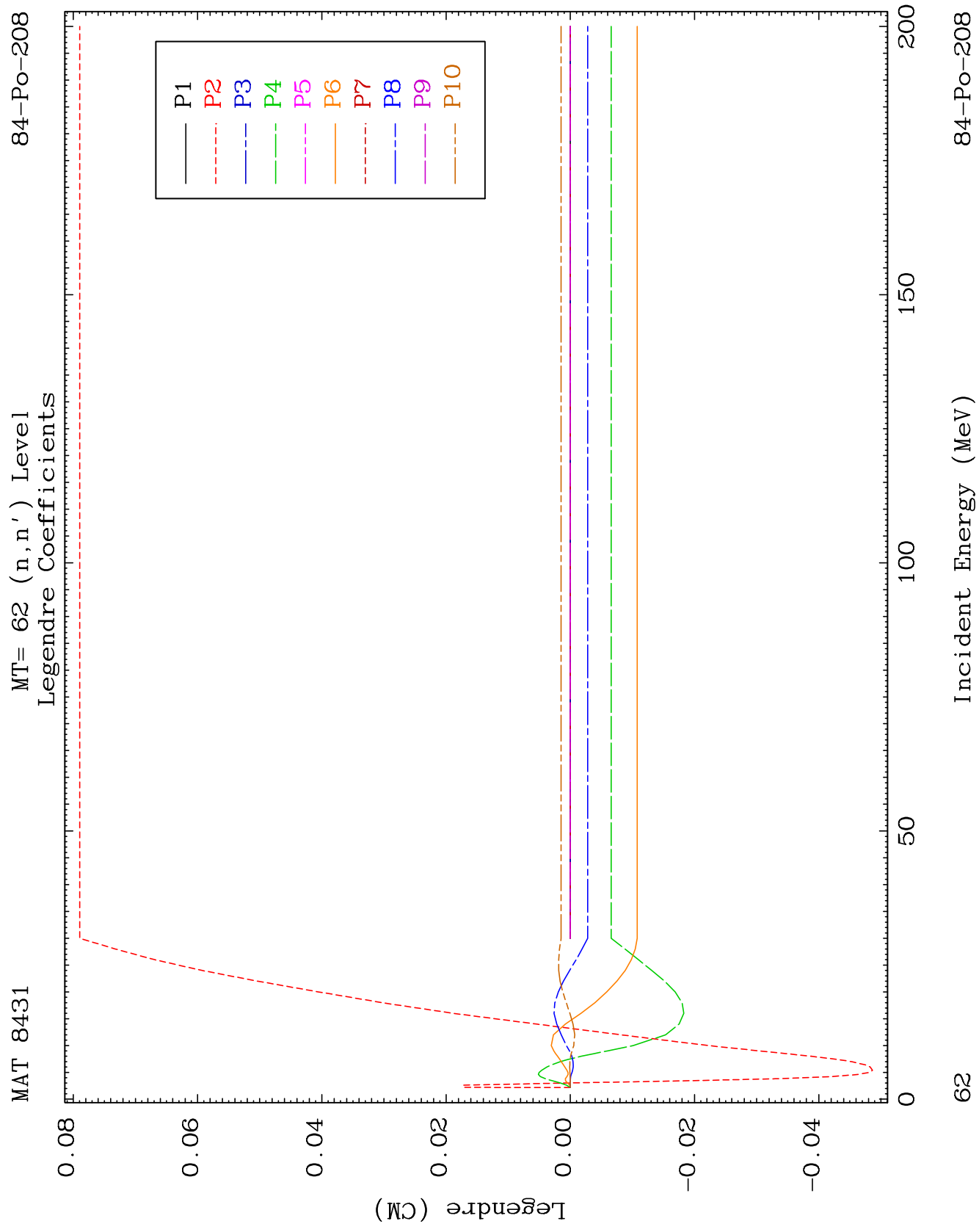
59

Incident Energy (MeV)

84-Po-208



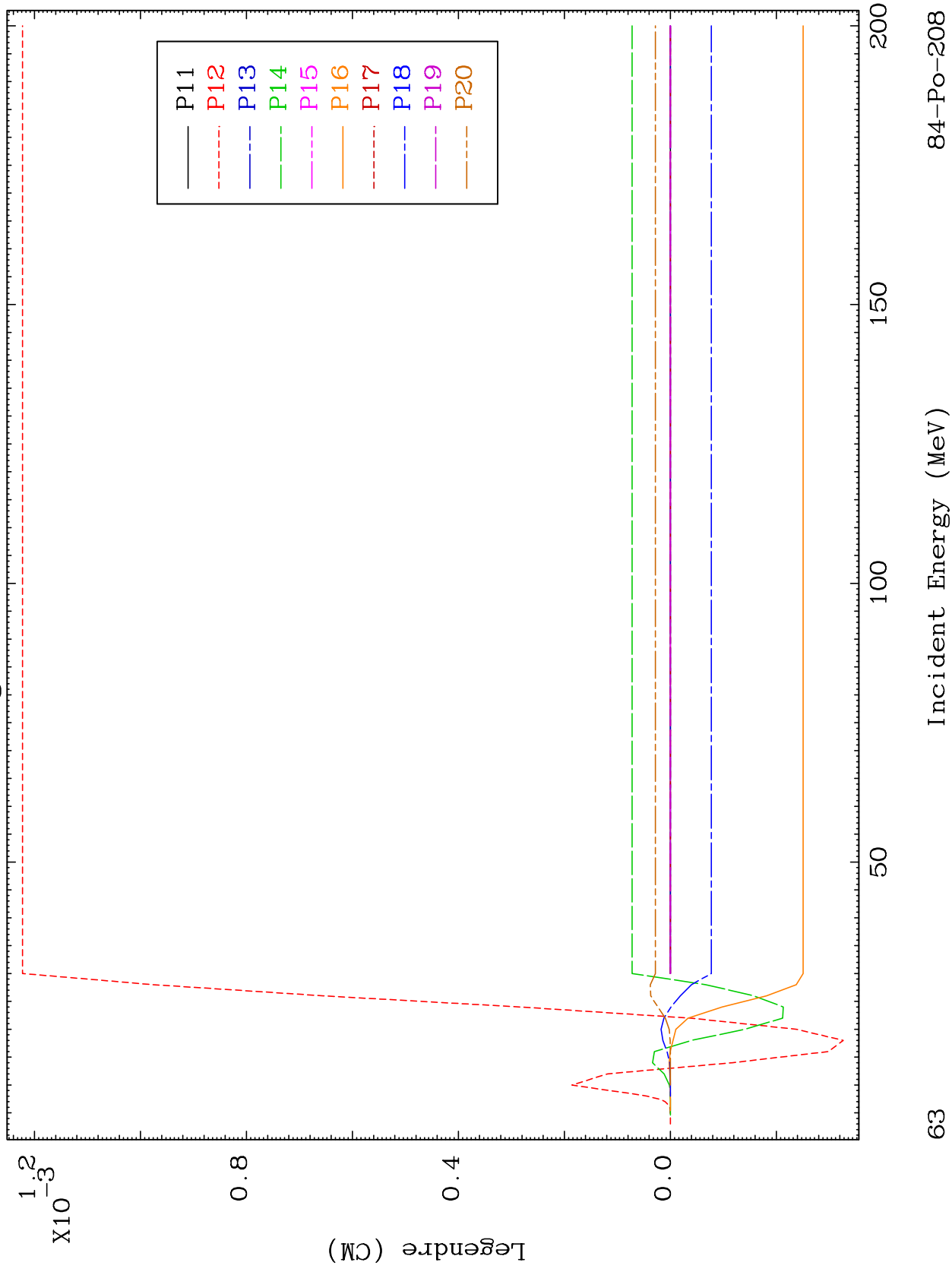




MAT 8431

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

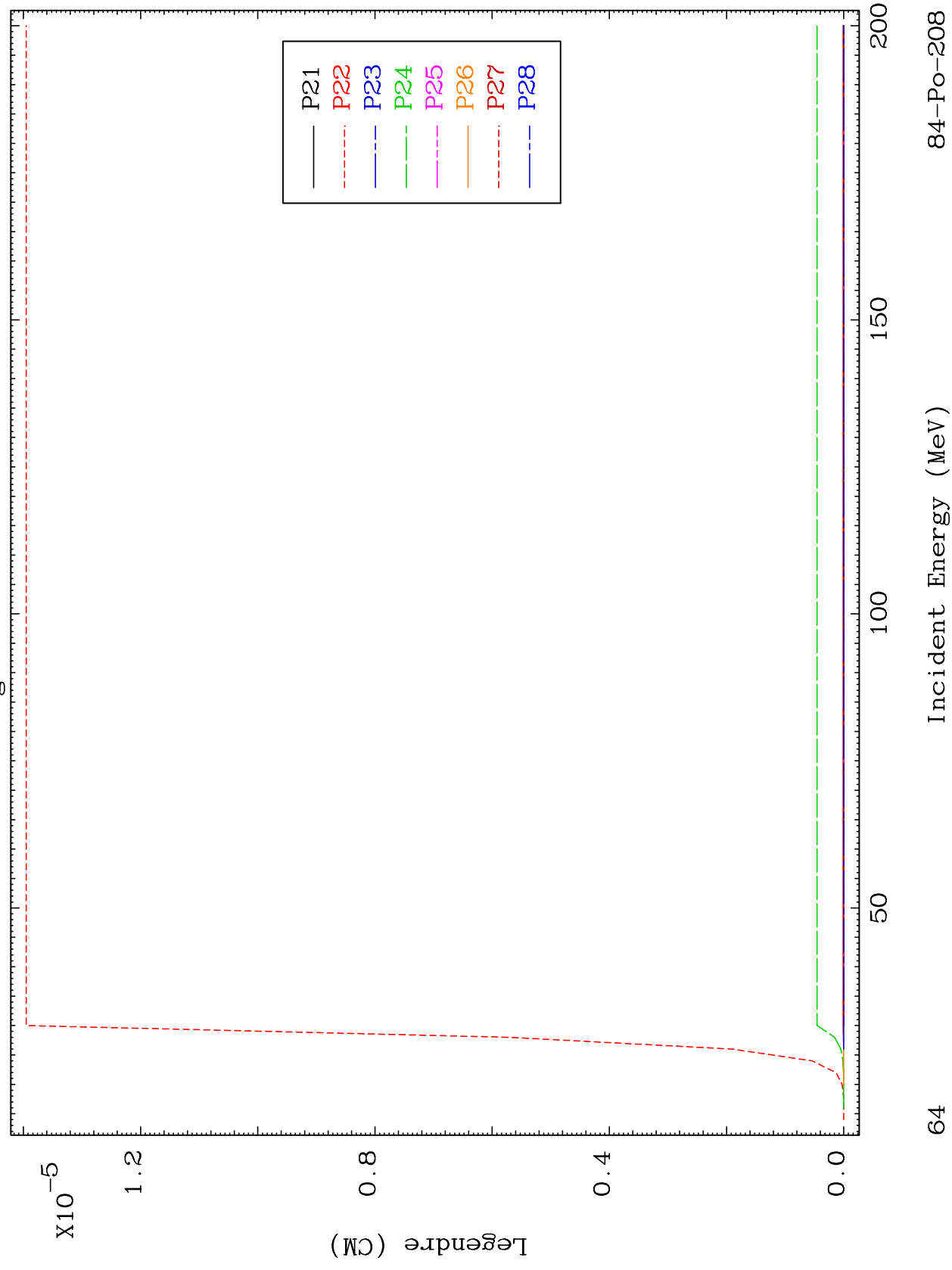
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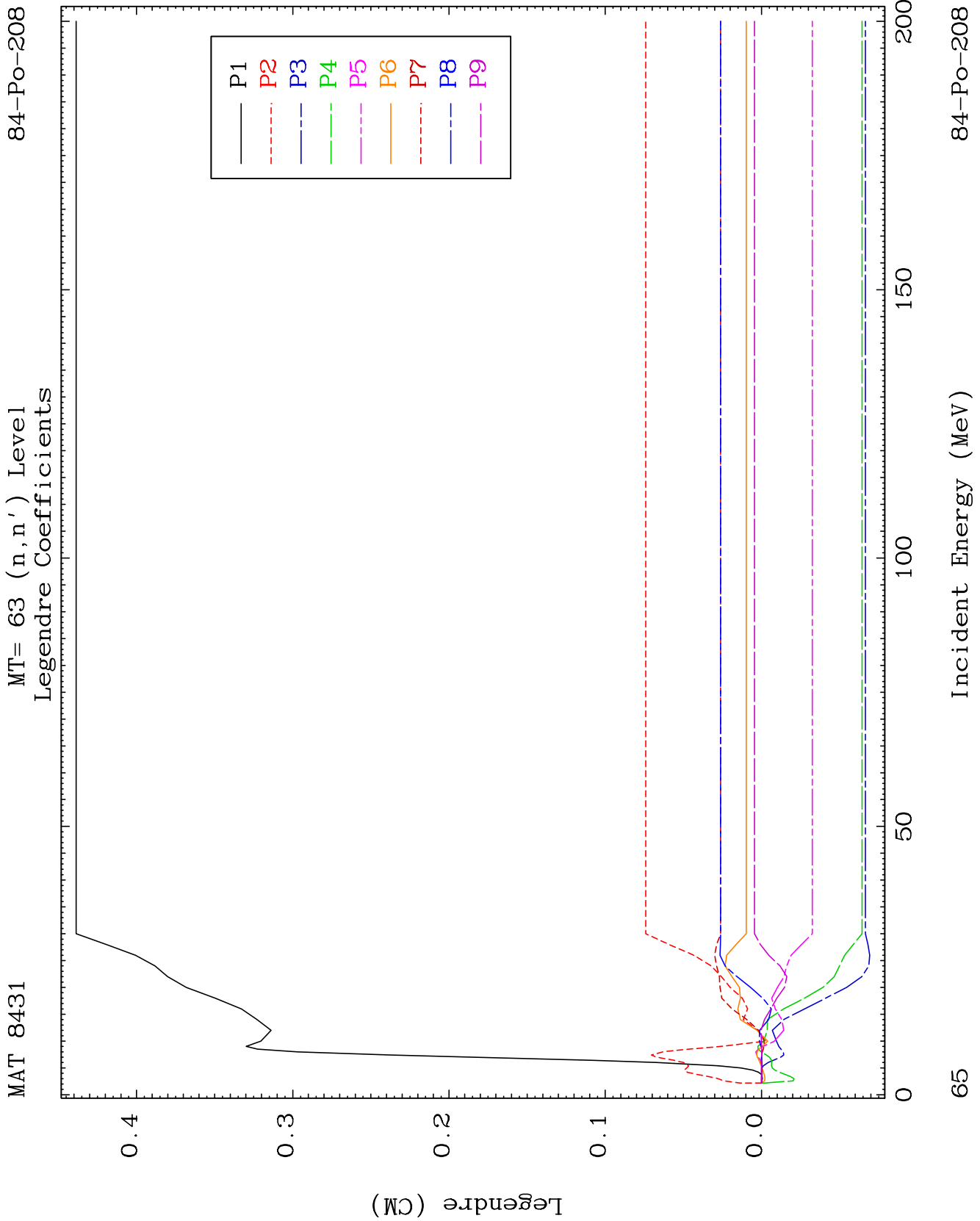


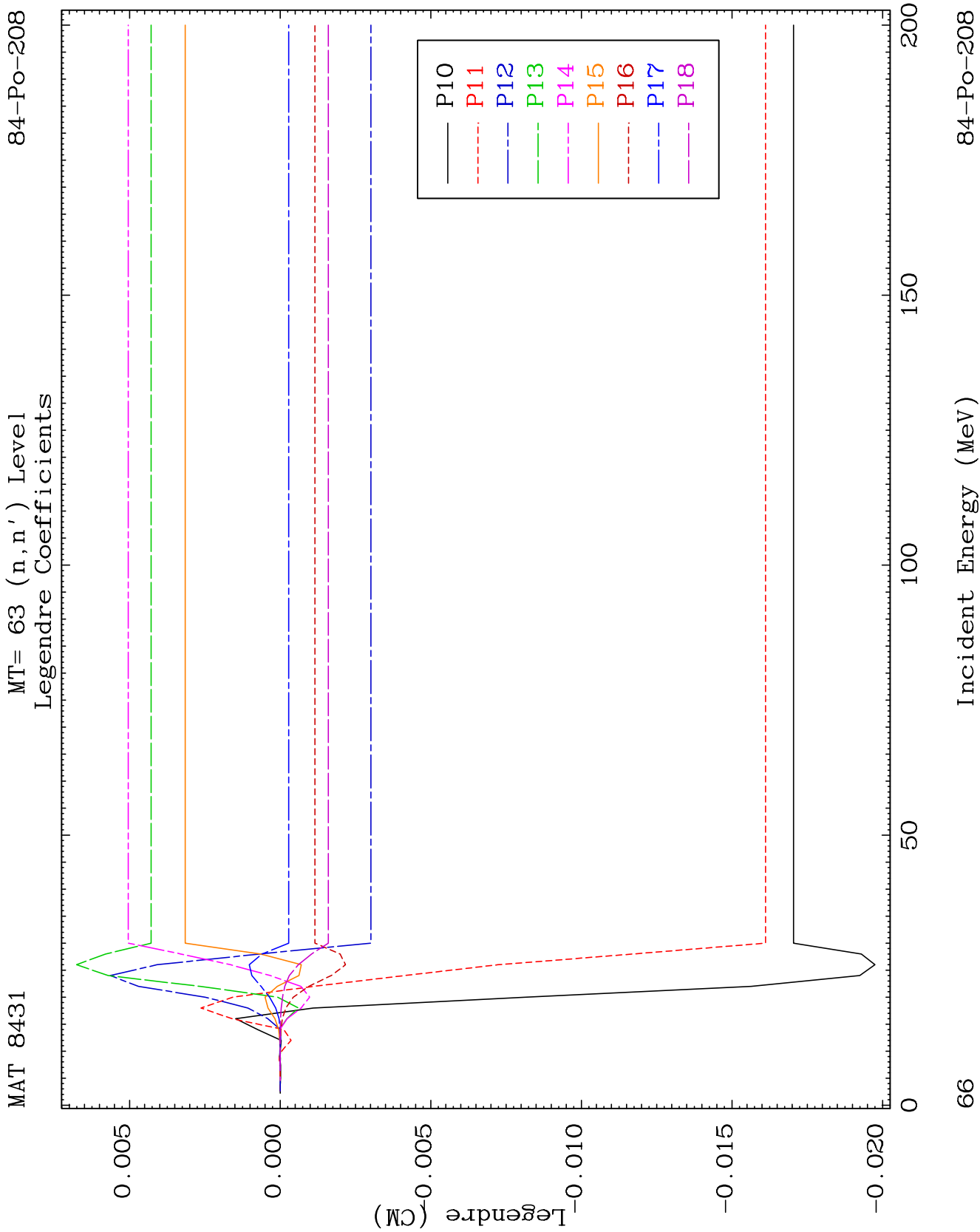
MAT 8431

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

84-Po-208



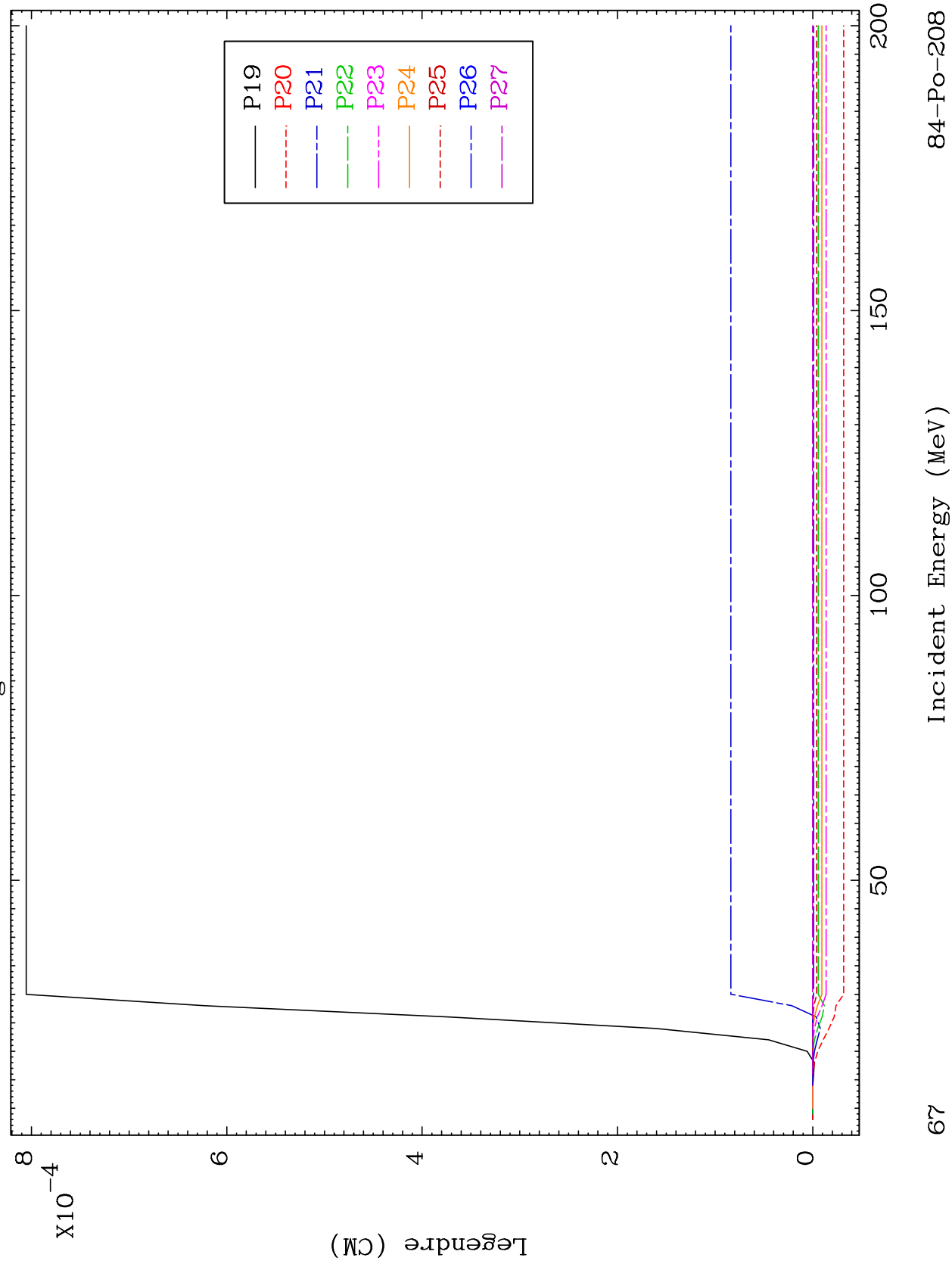


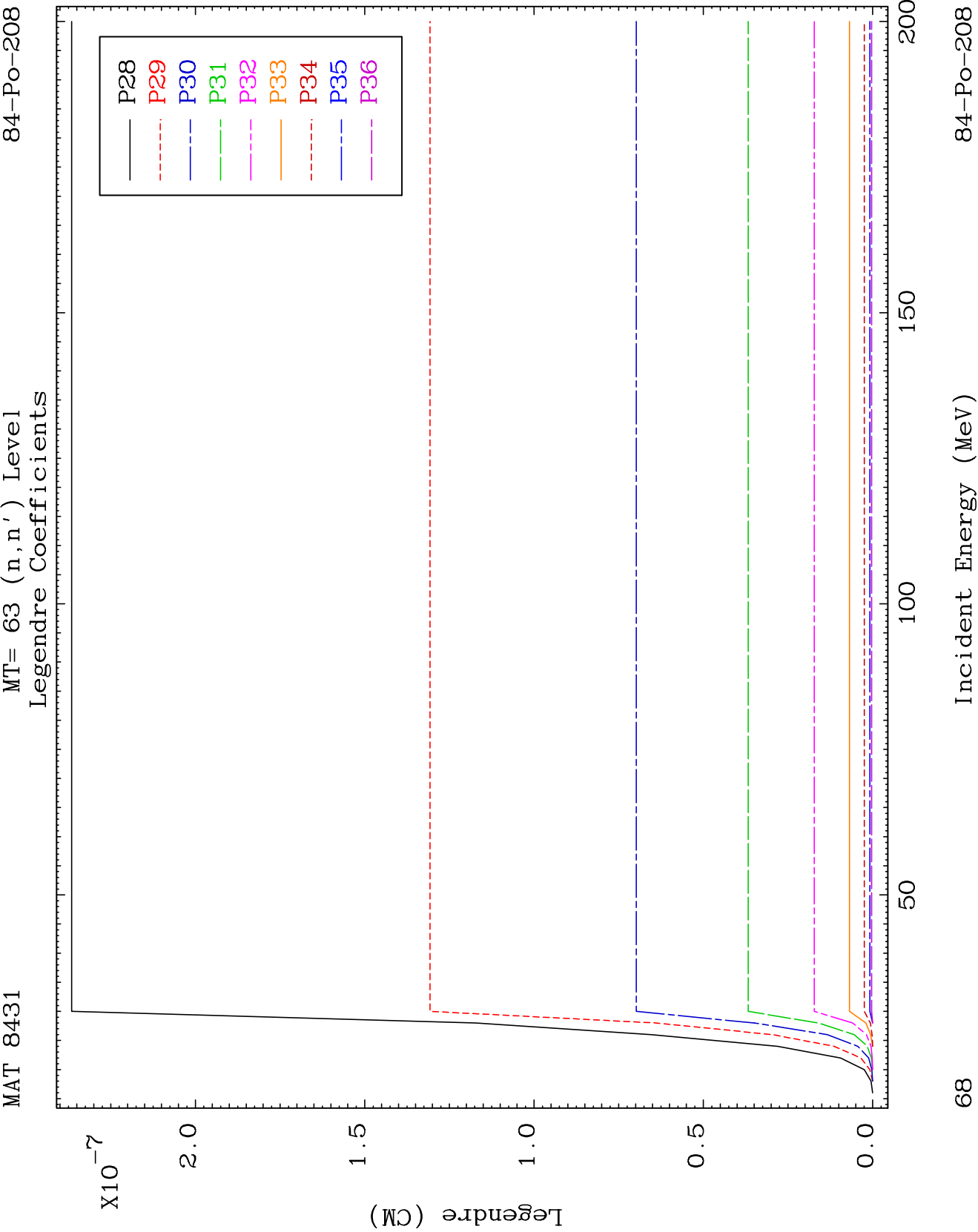


MAT 8431

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

84-Po-208

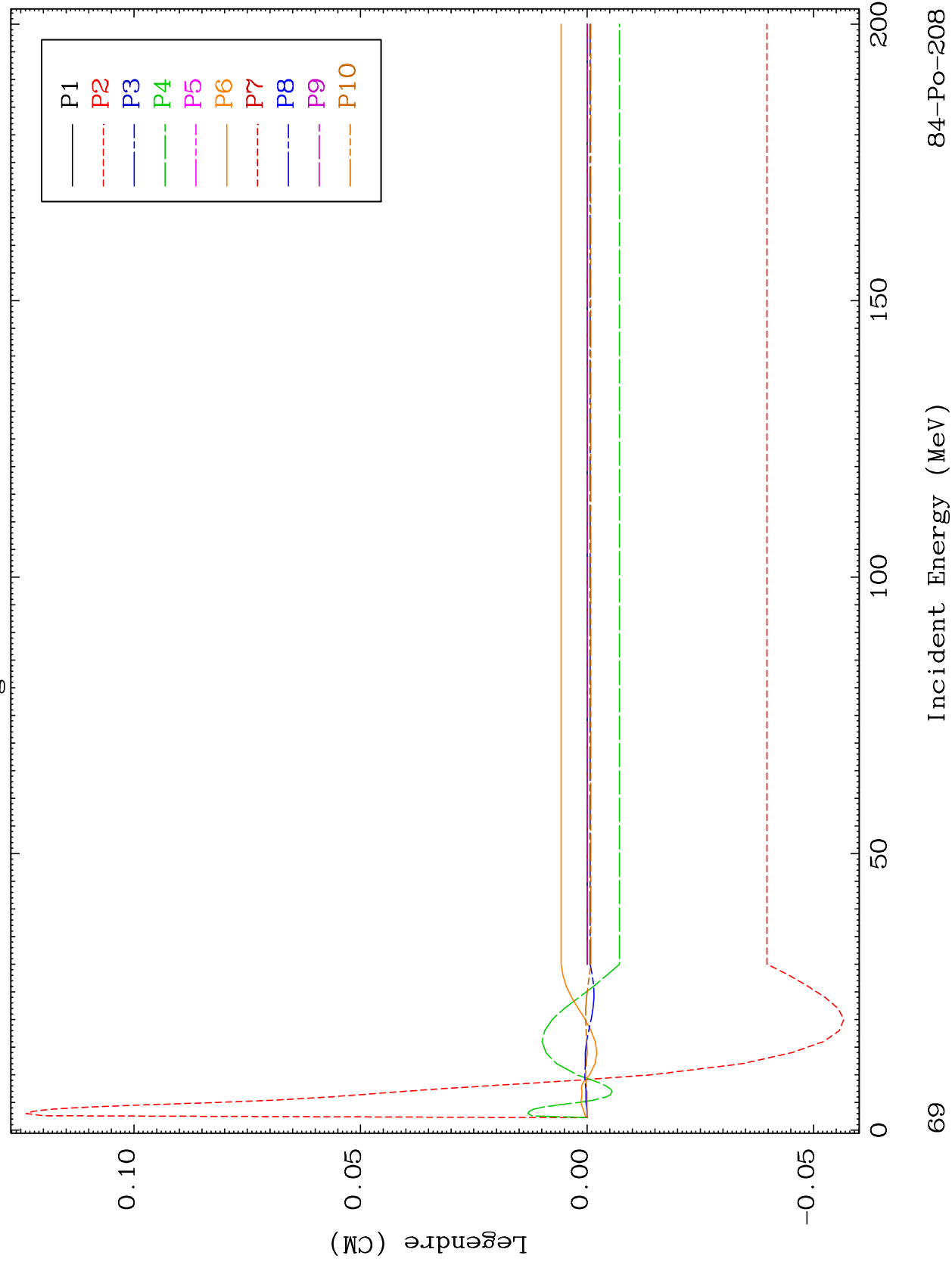


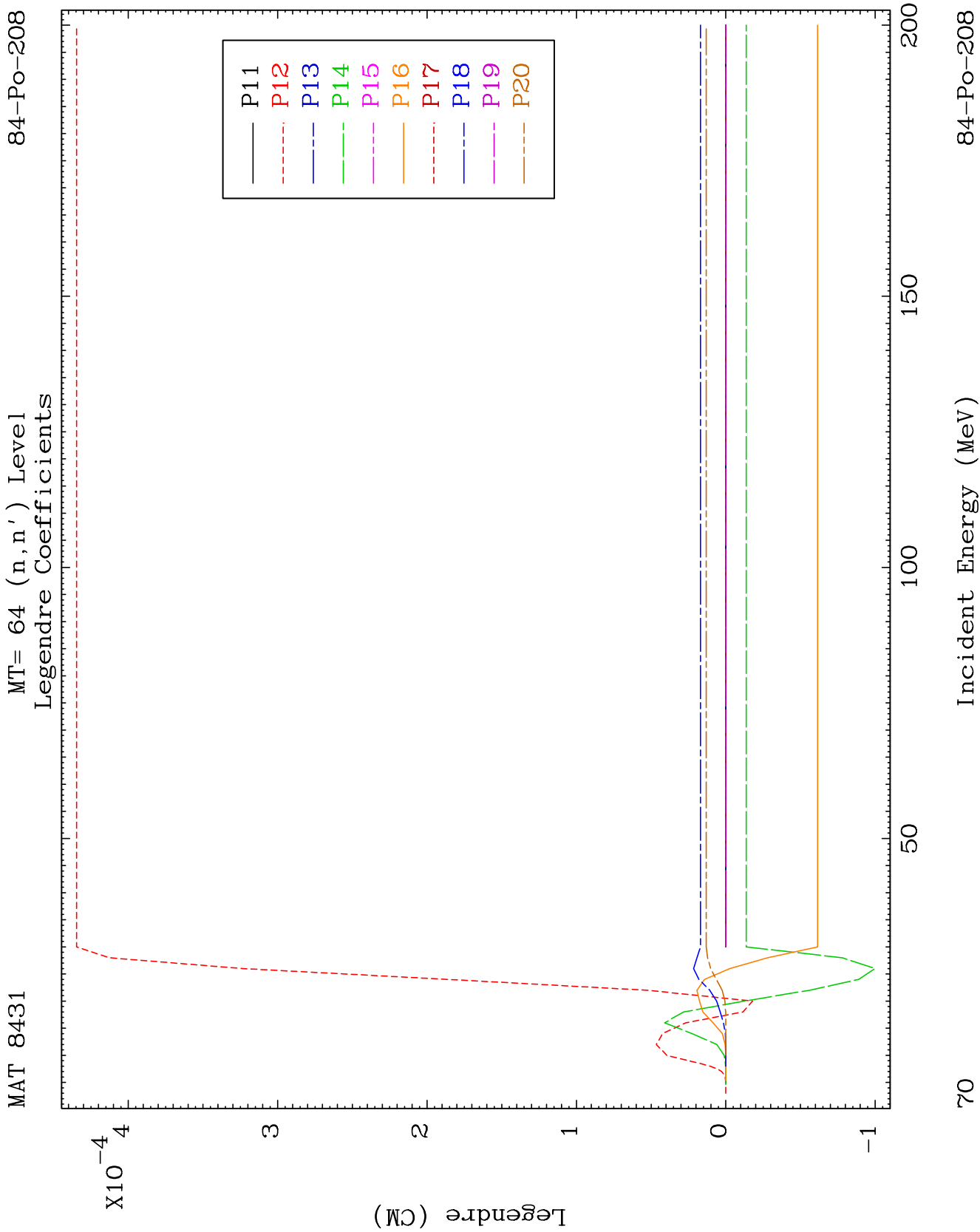


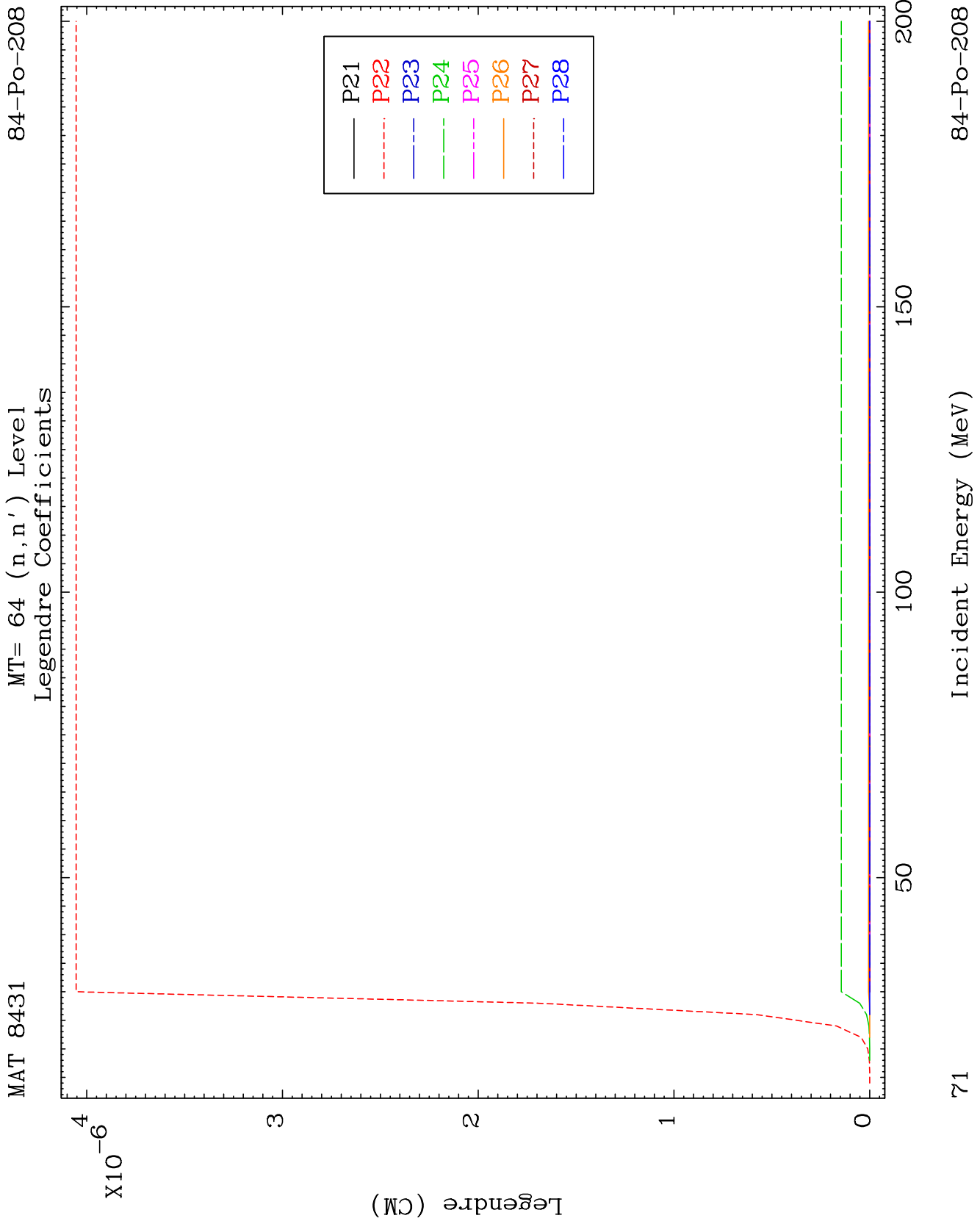
MAT 8431

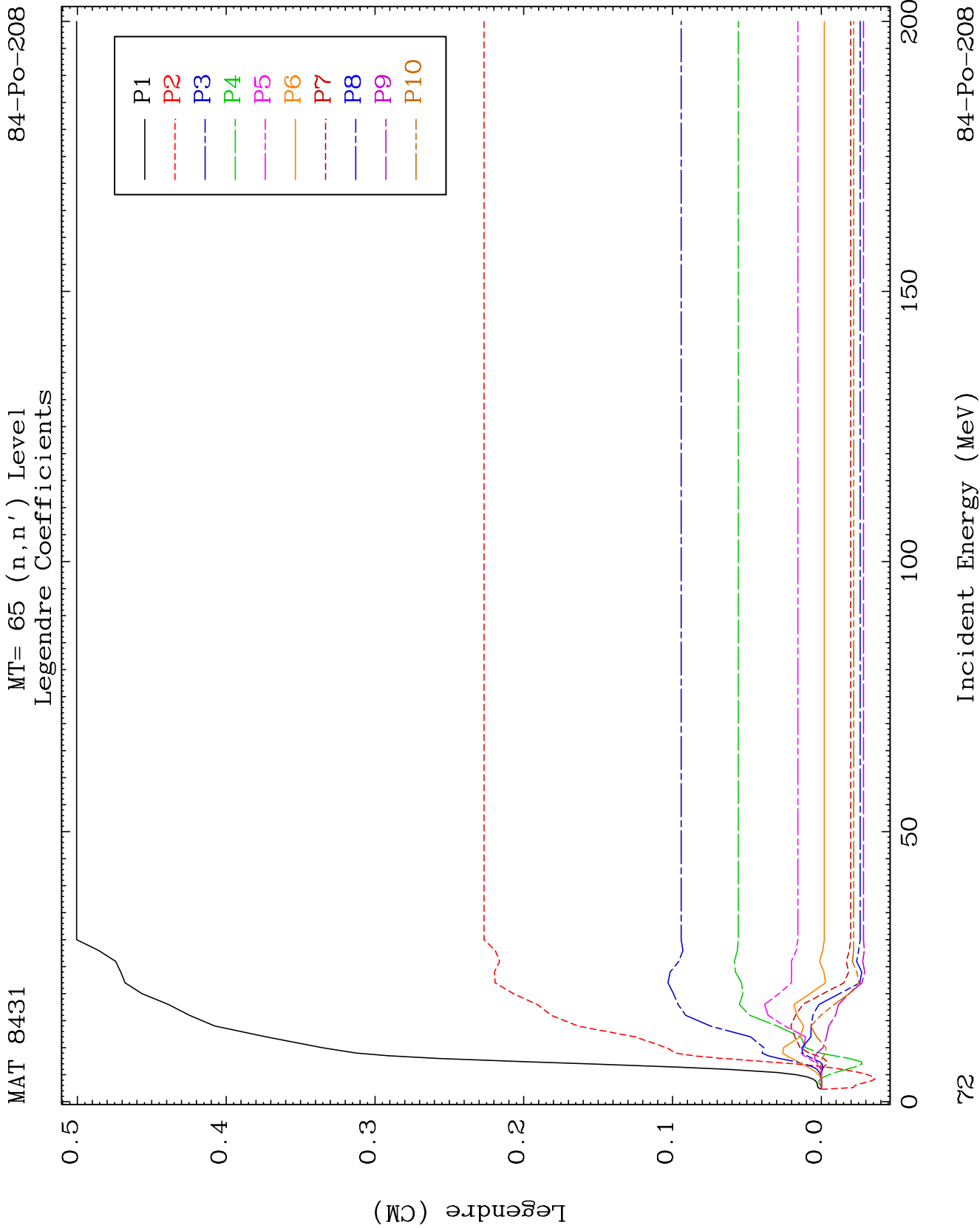
MT= 64 (n, n') Level
Legendre Coefficients

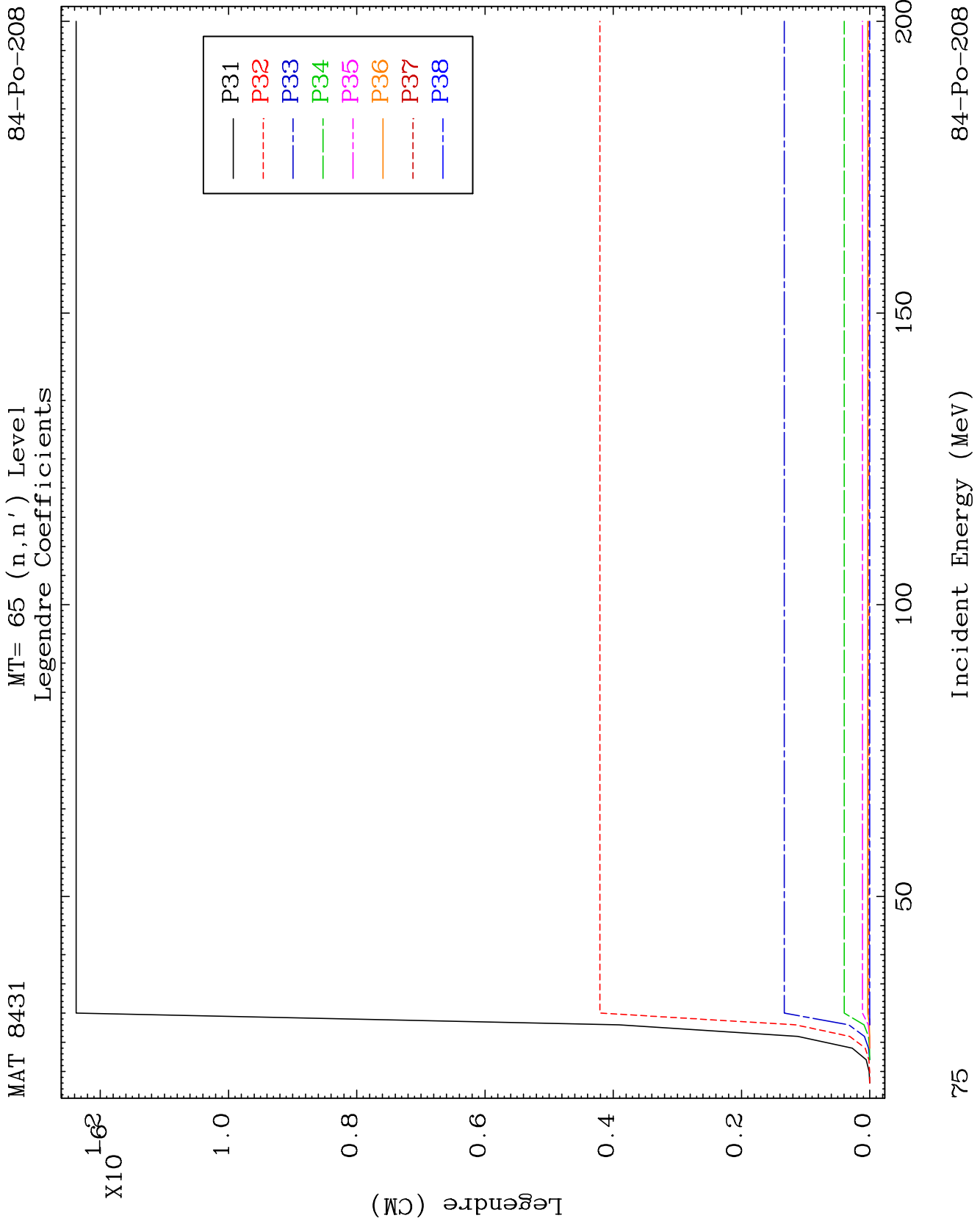
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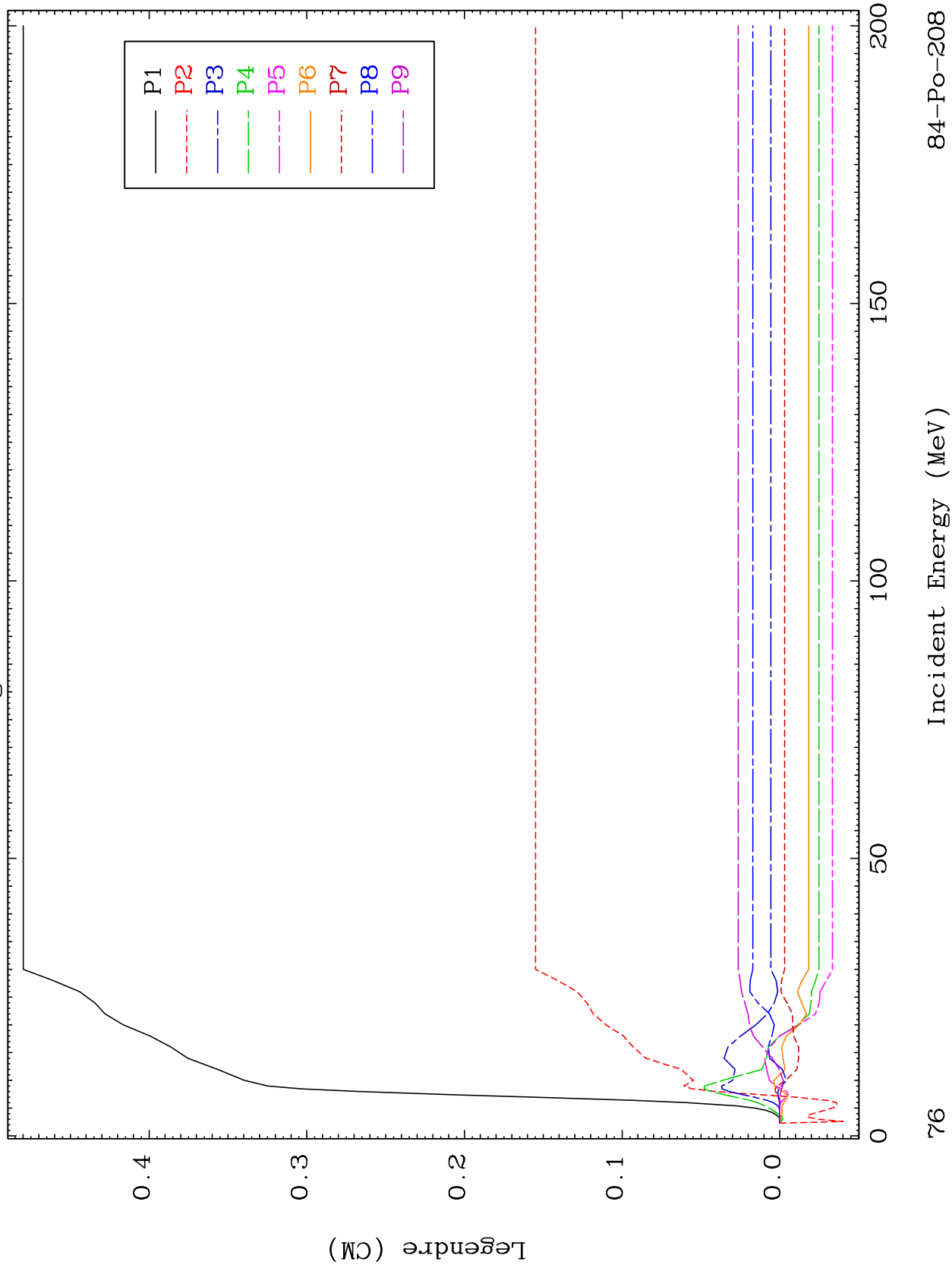




MAT 8431

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

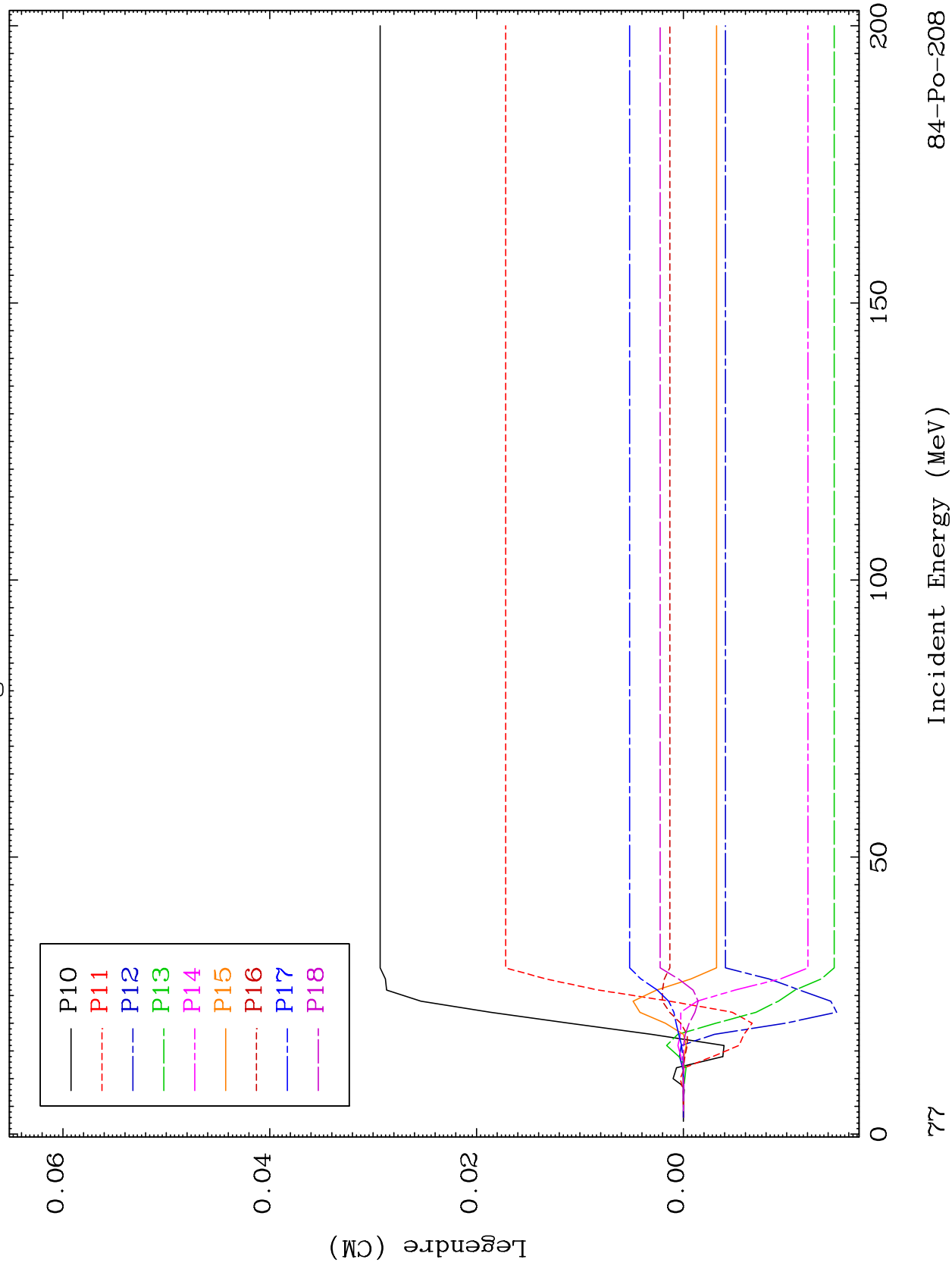
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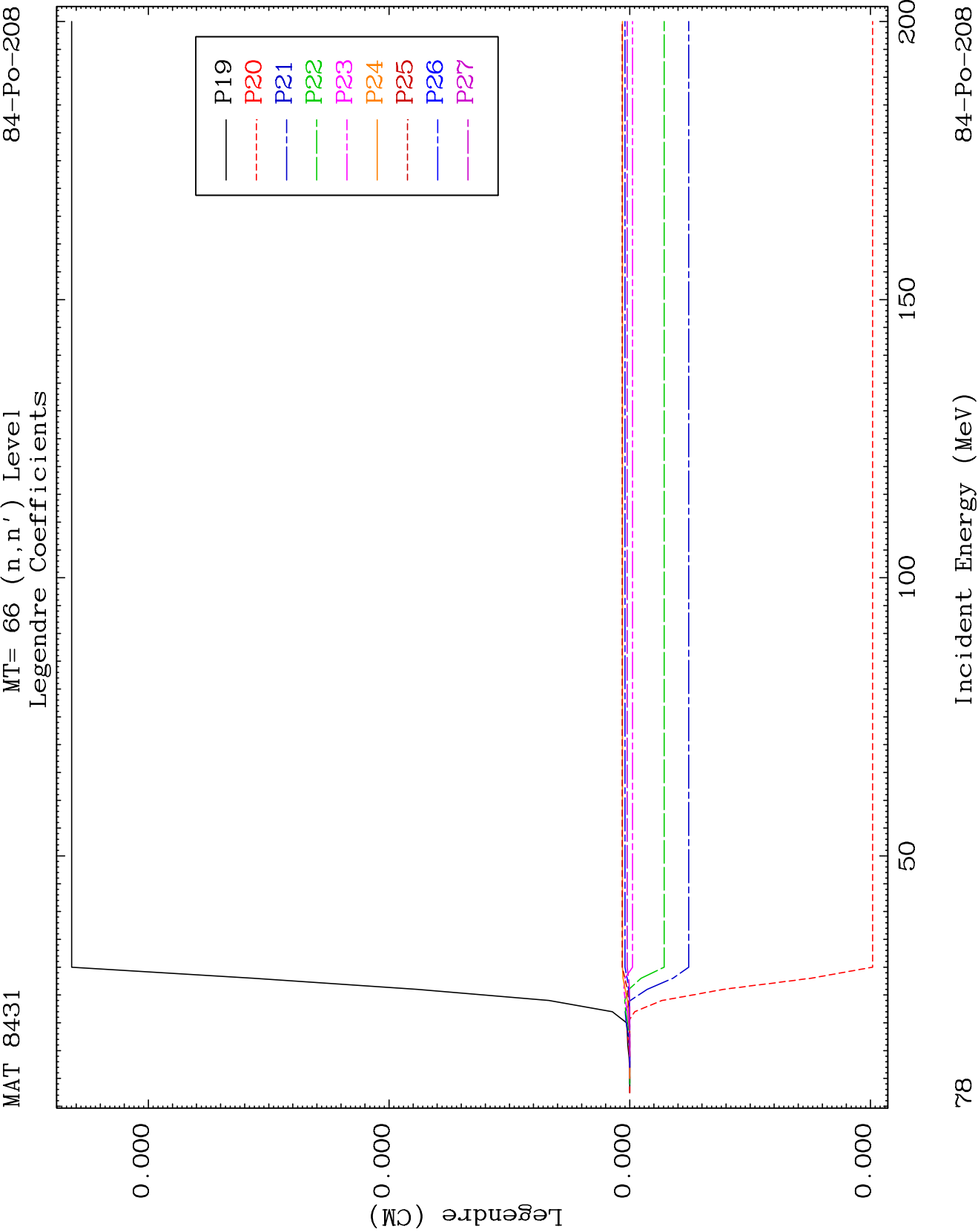


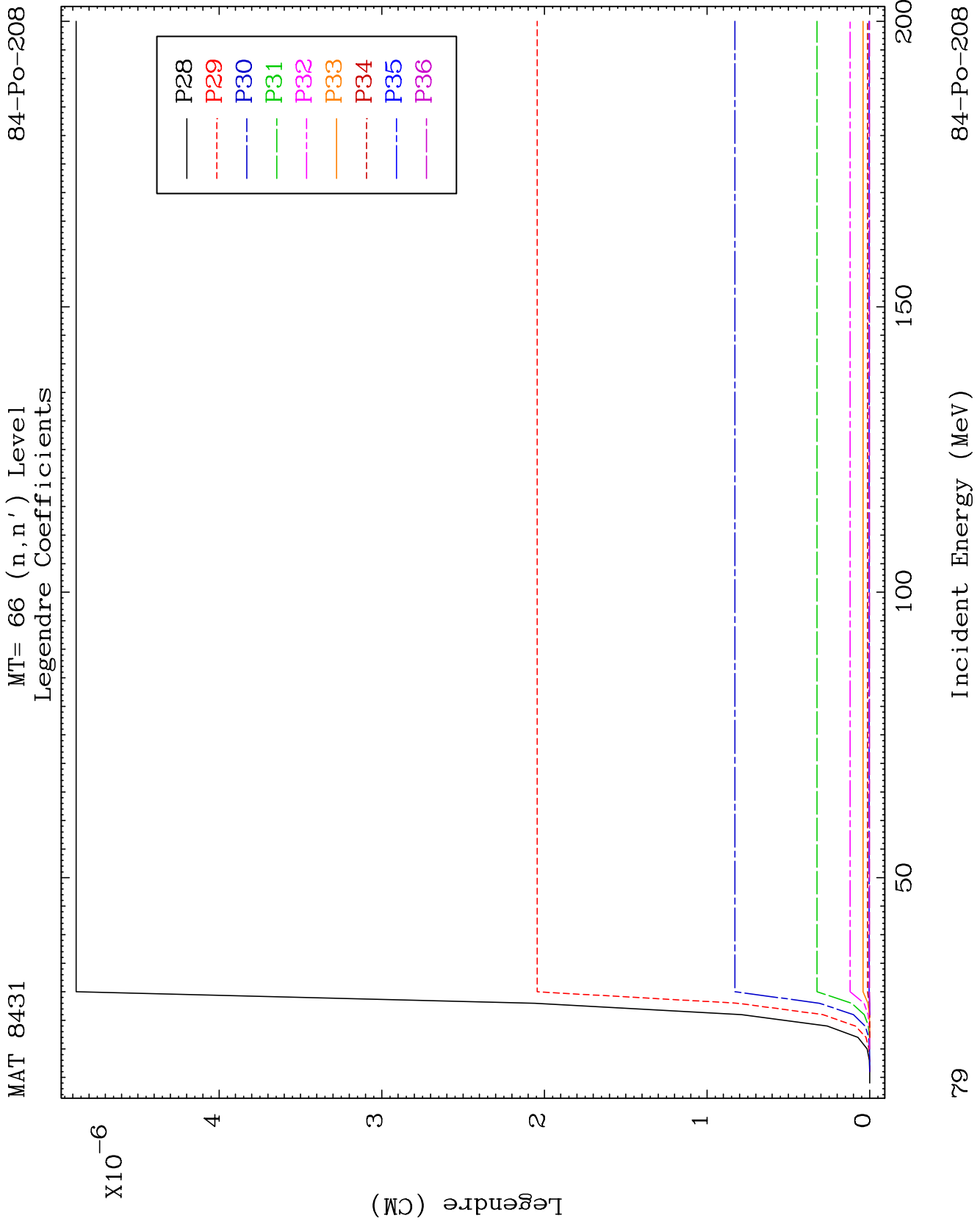
MAT 8431

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

84-Po-208



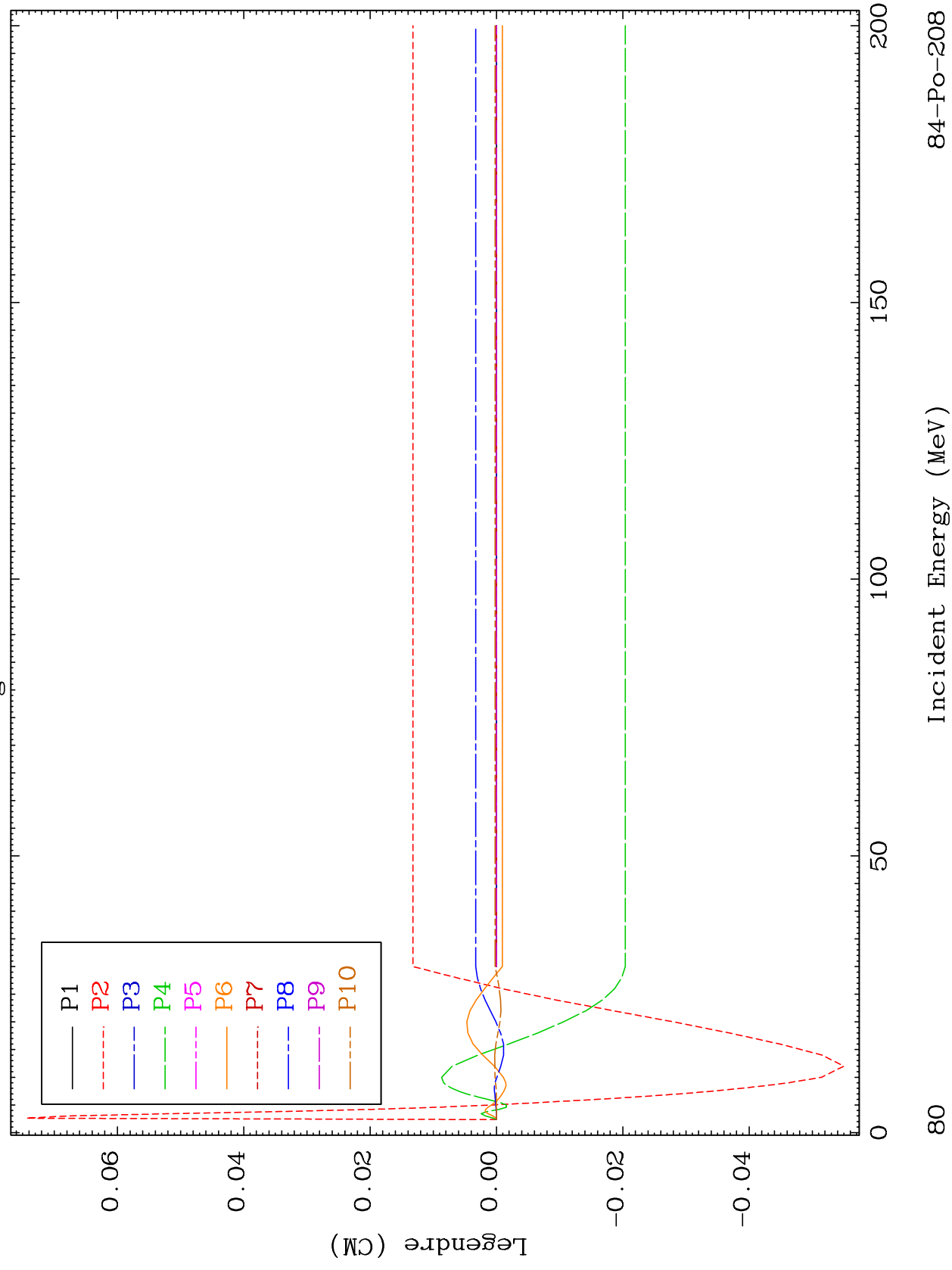




MAT 8431

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

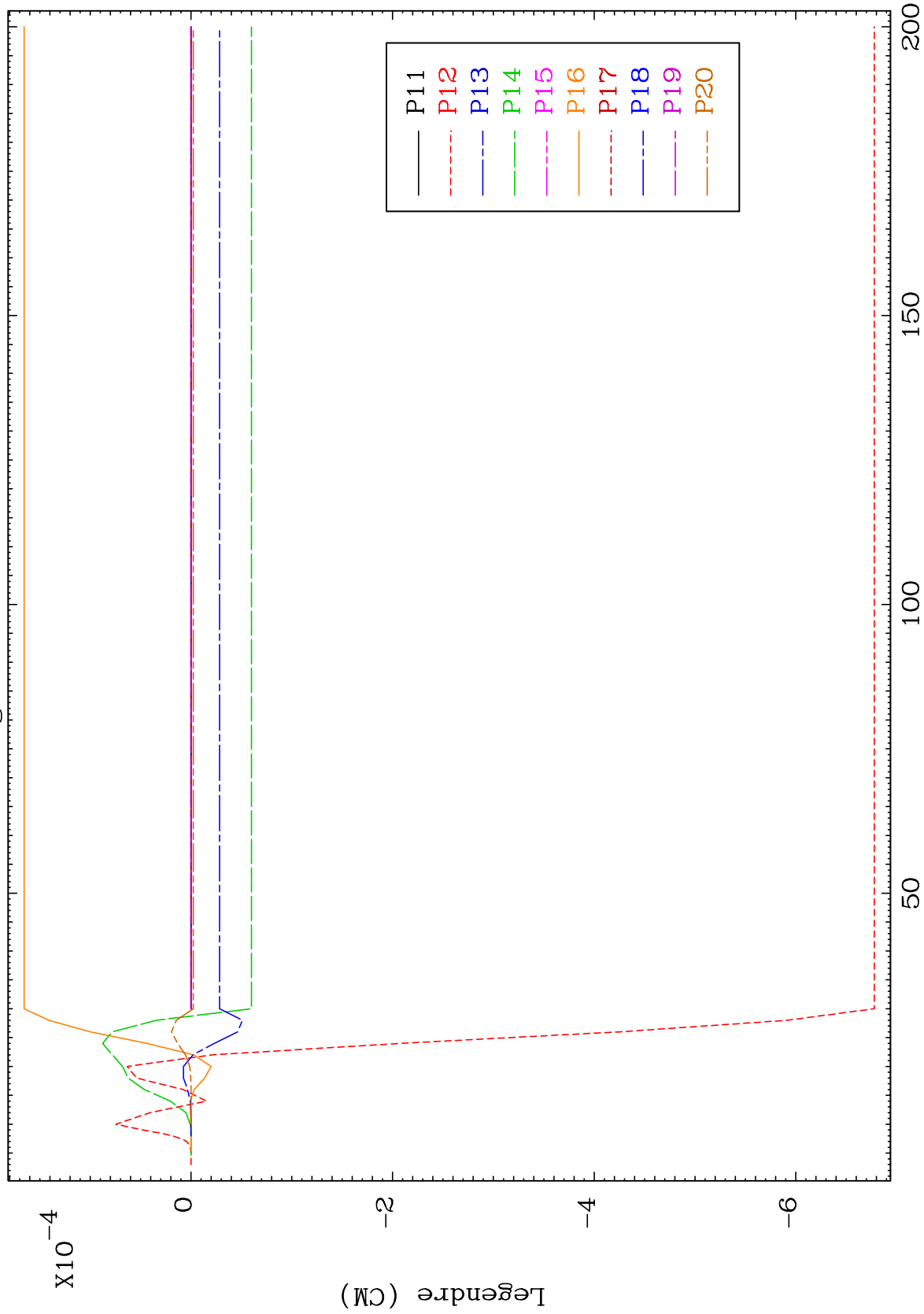
84-Po-208



MAT 8431

84-Po-208

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



81

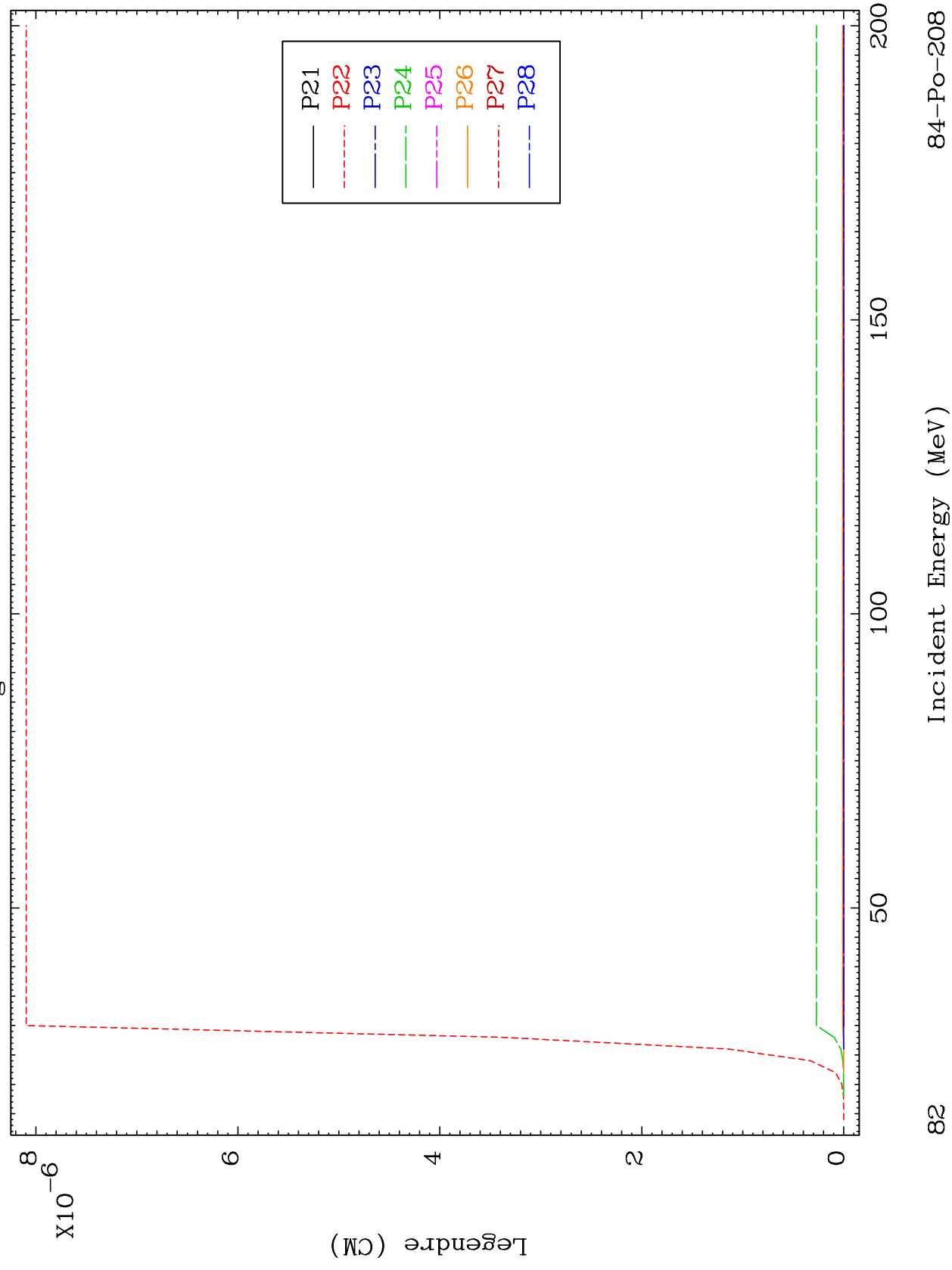
Incident Energy (MeV)

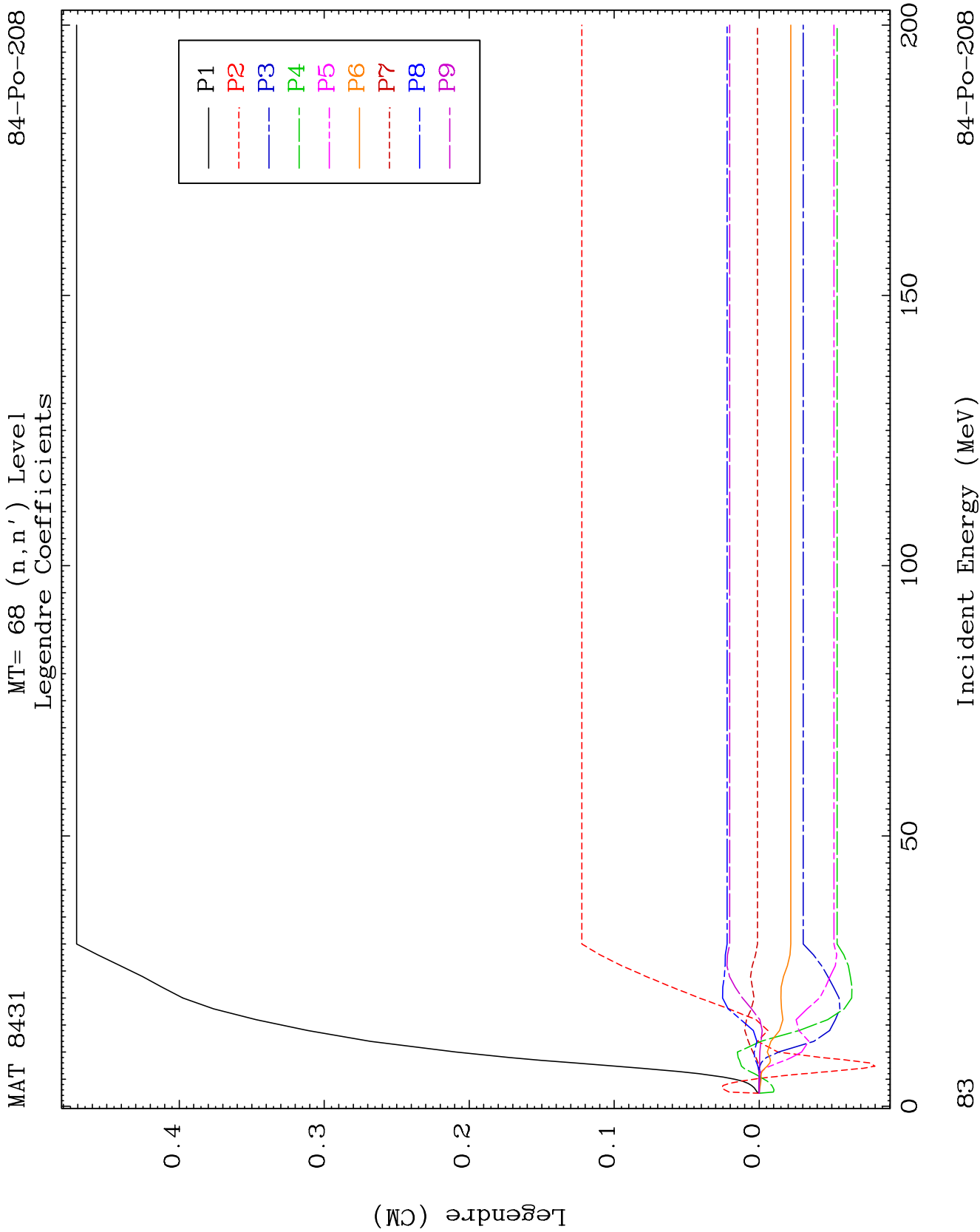
84-Po-208

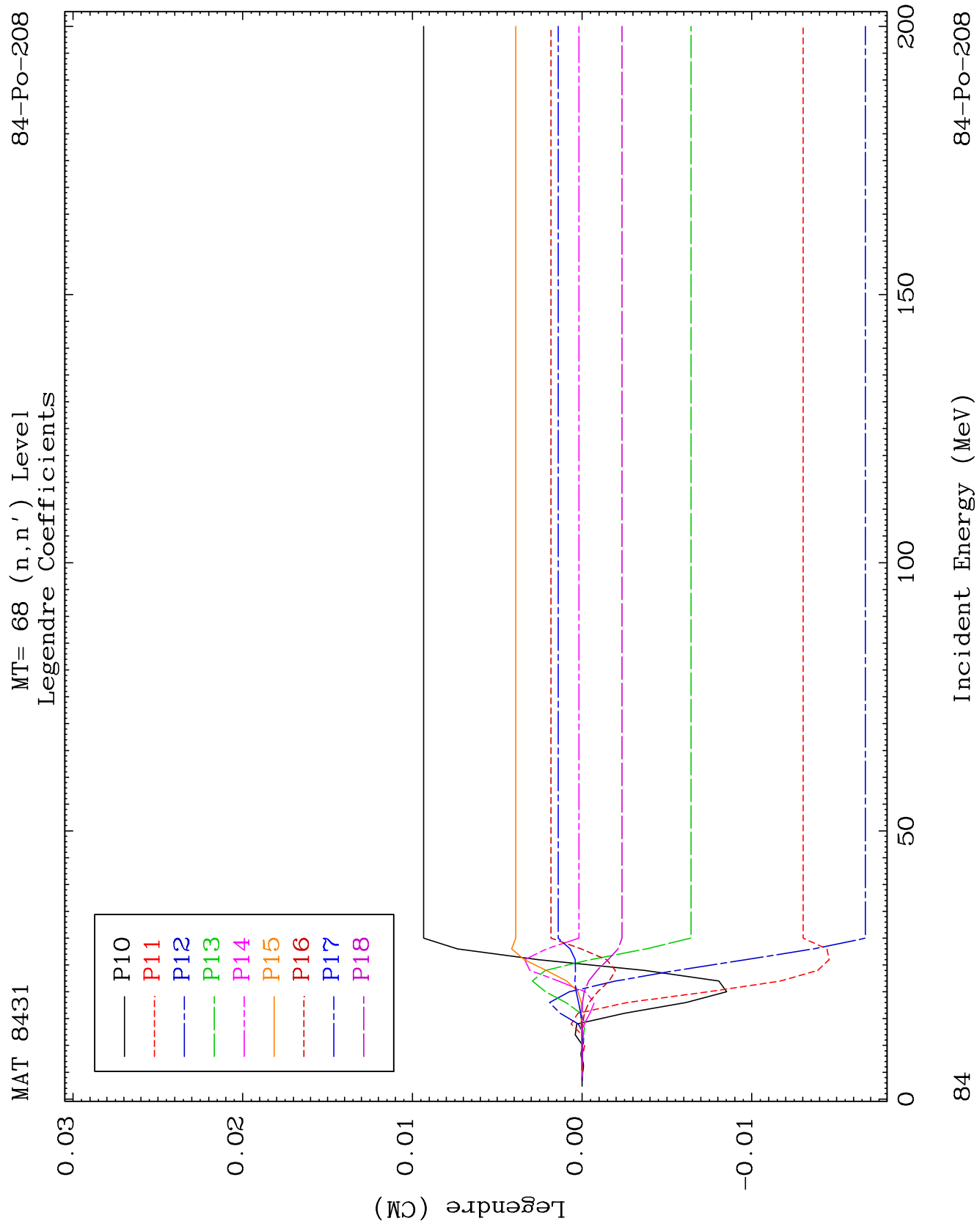
MAT 8431

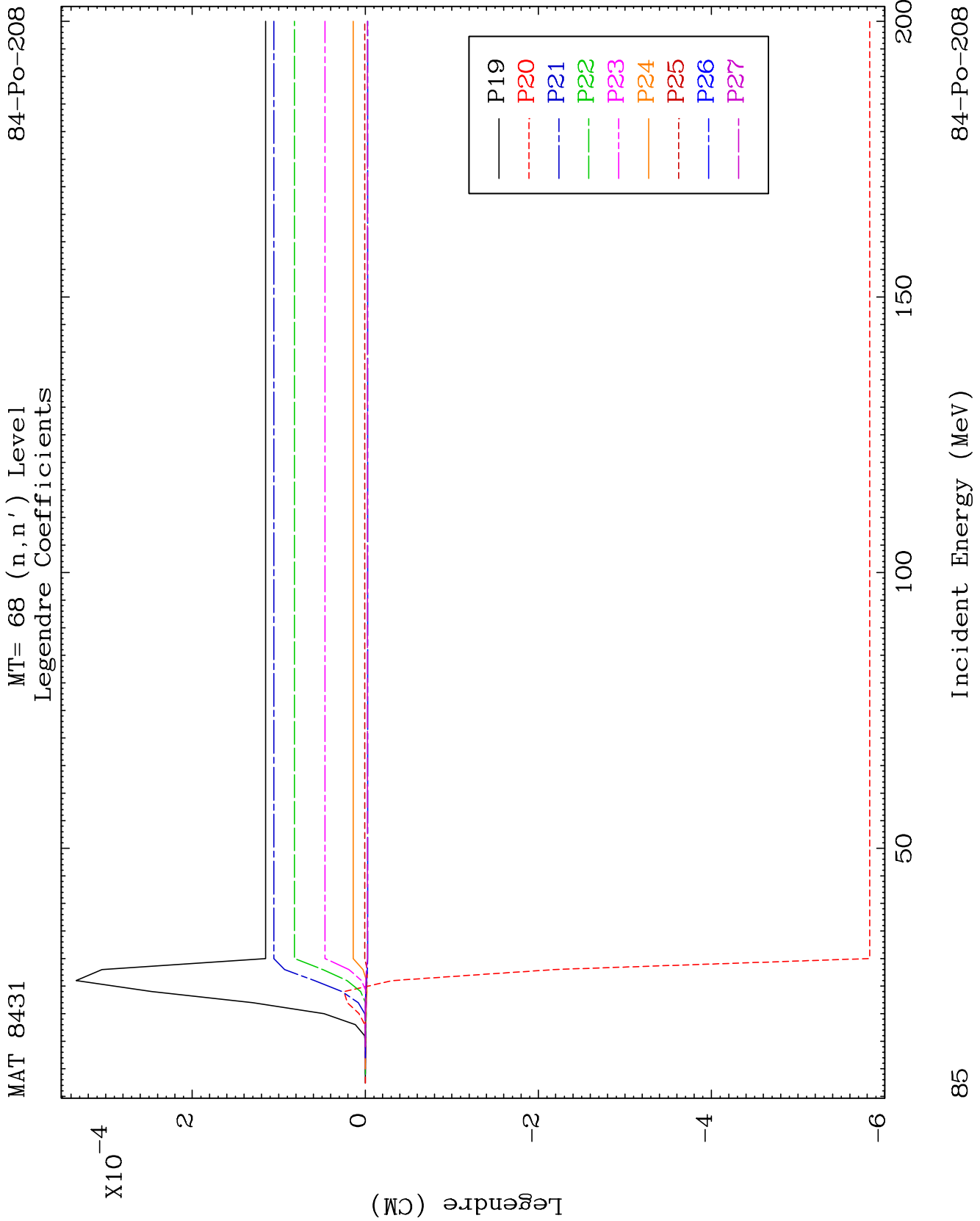
MT= 67 (n, n') Level
Legendre Coefficients

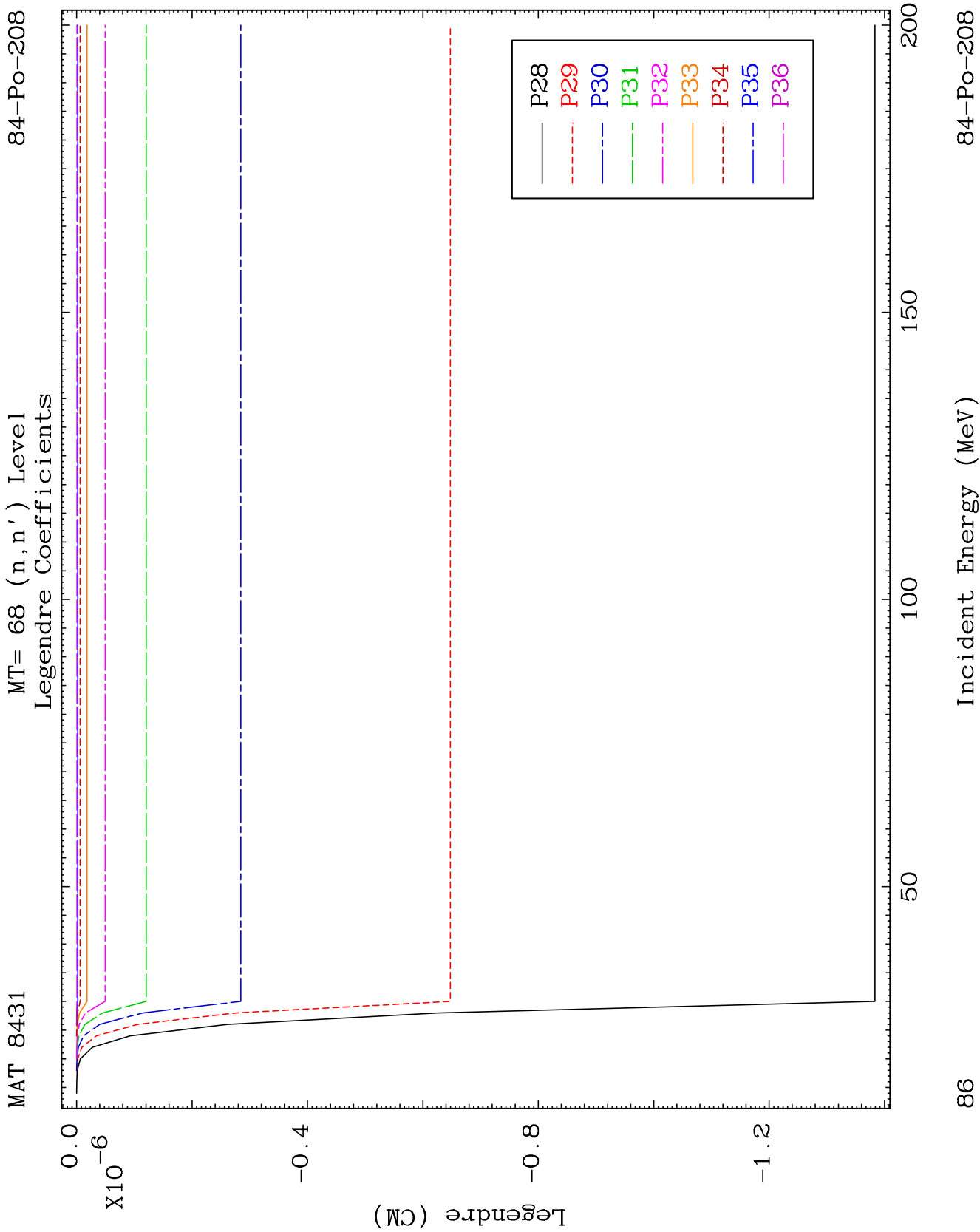
84-Po-208







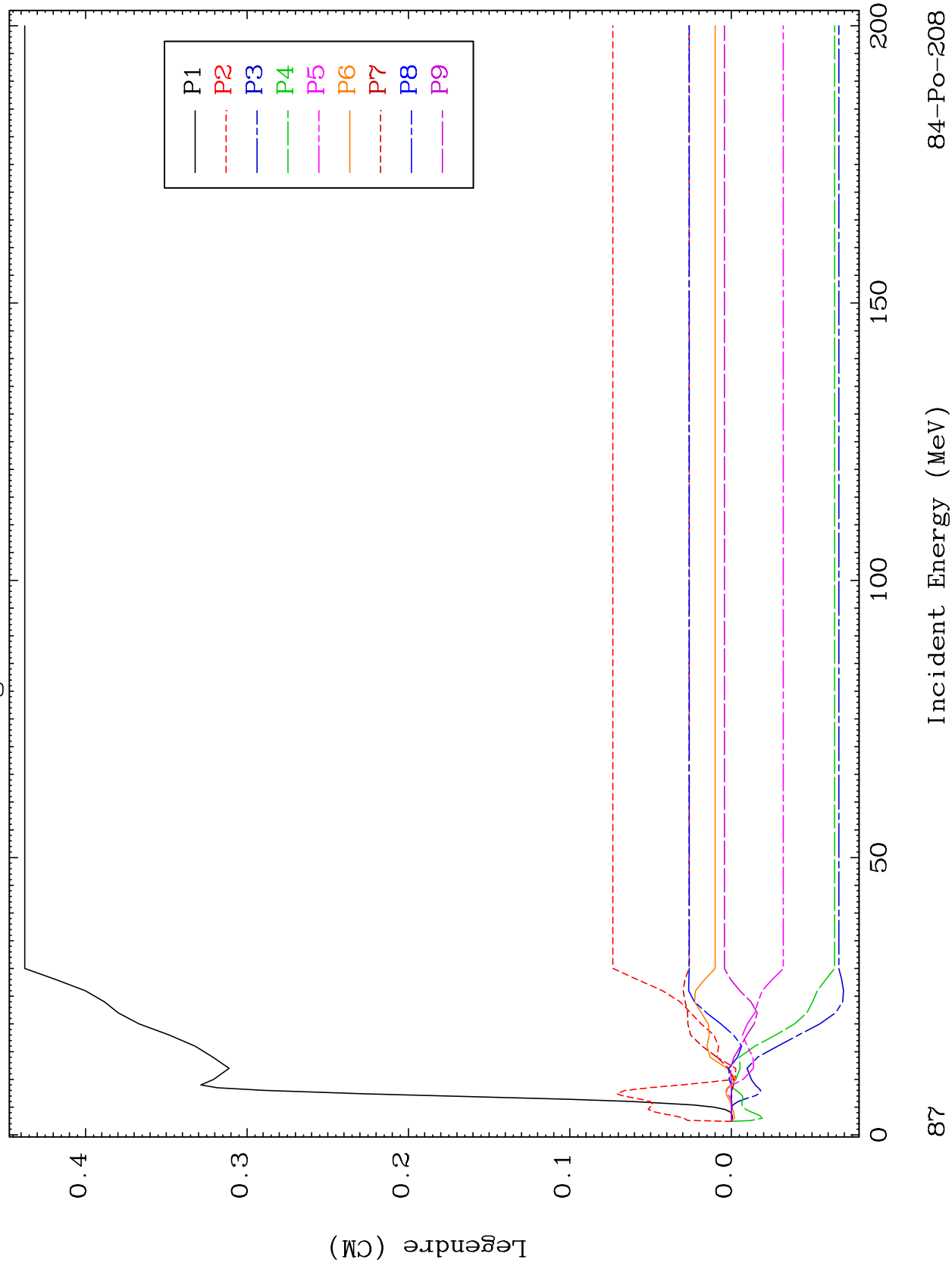


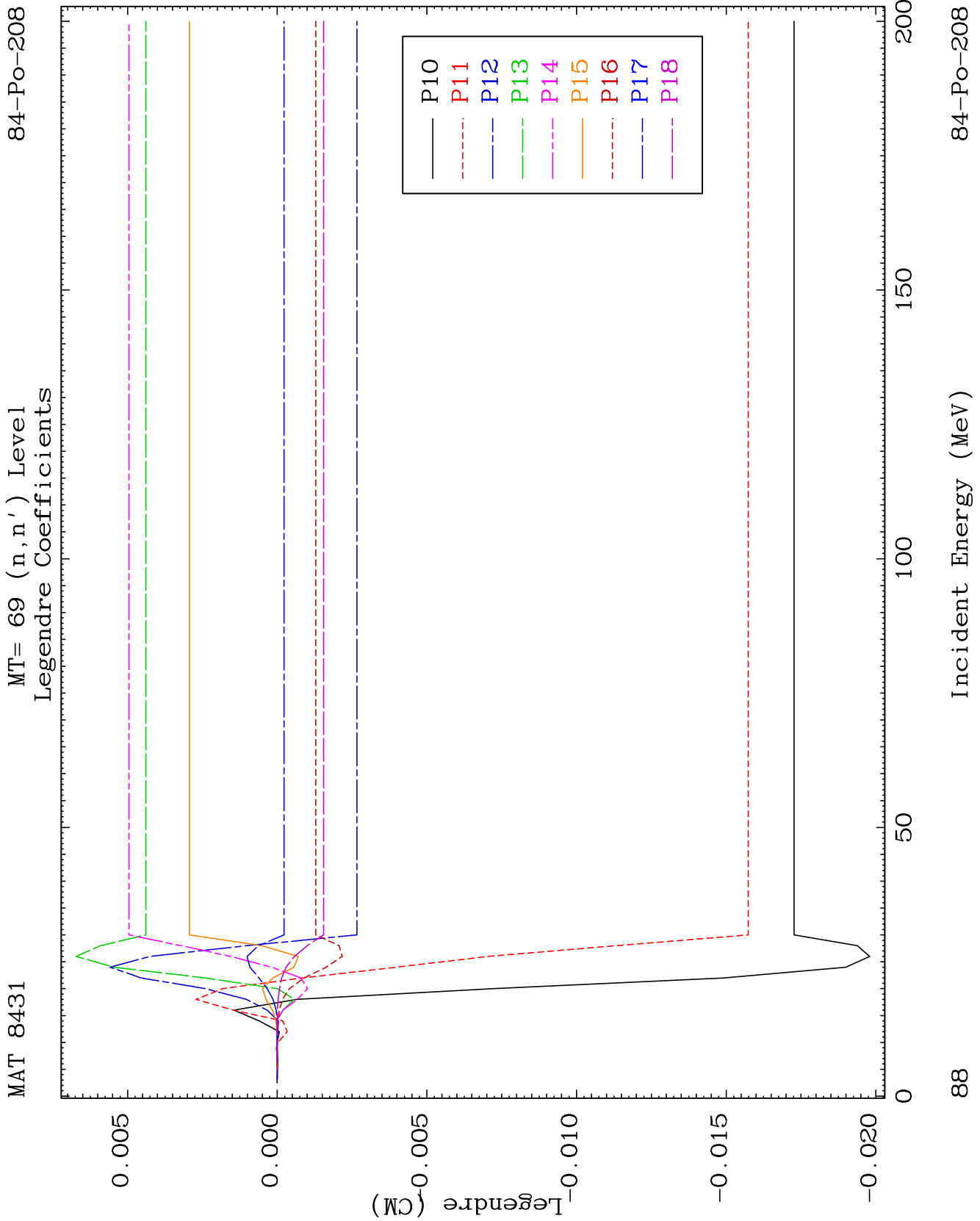


MAT 8431

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

84-Po-208

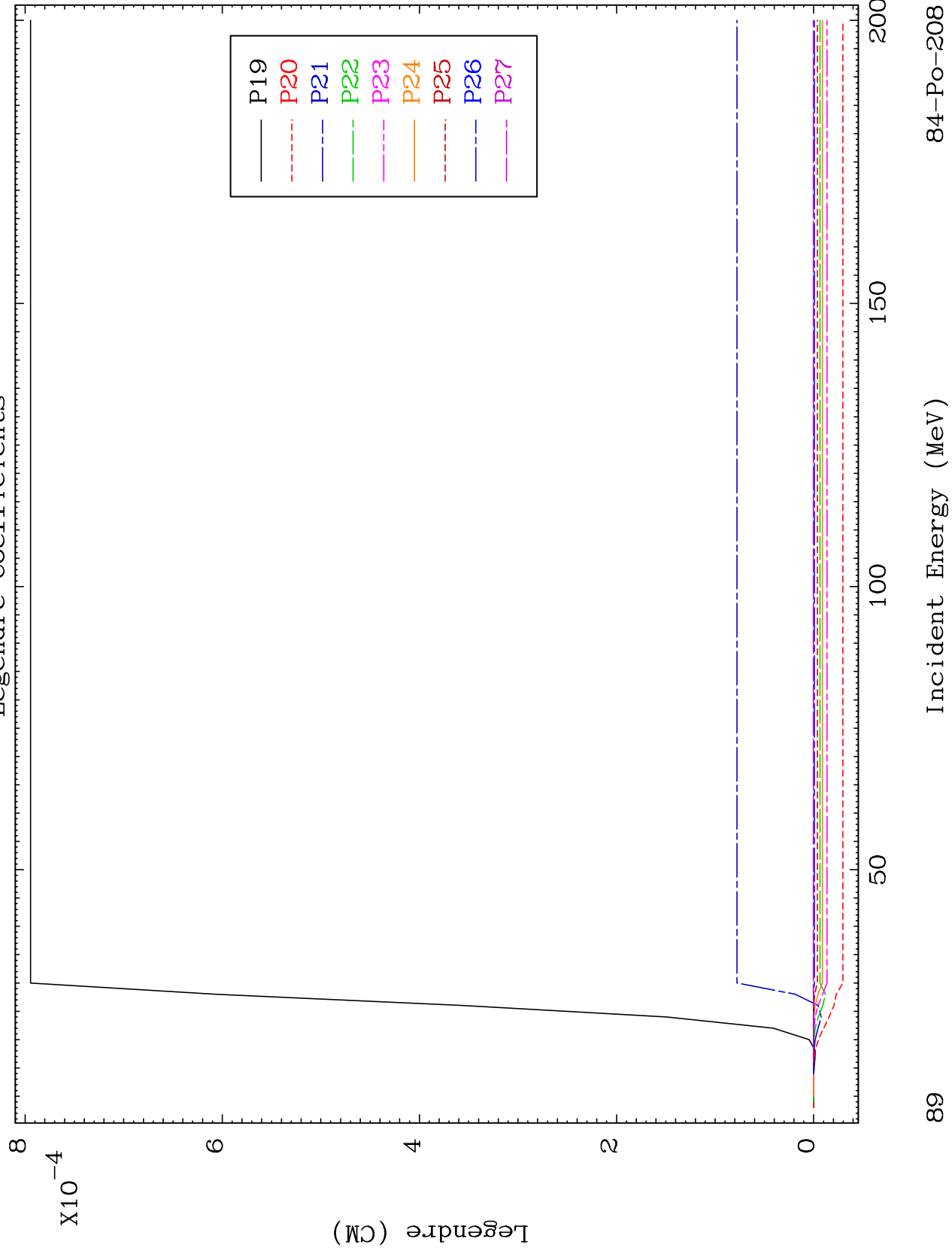


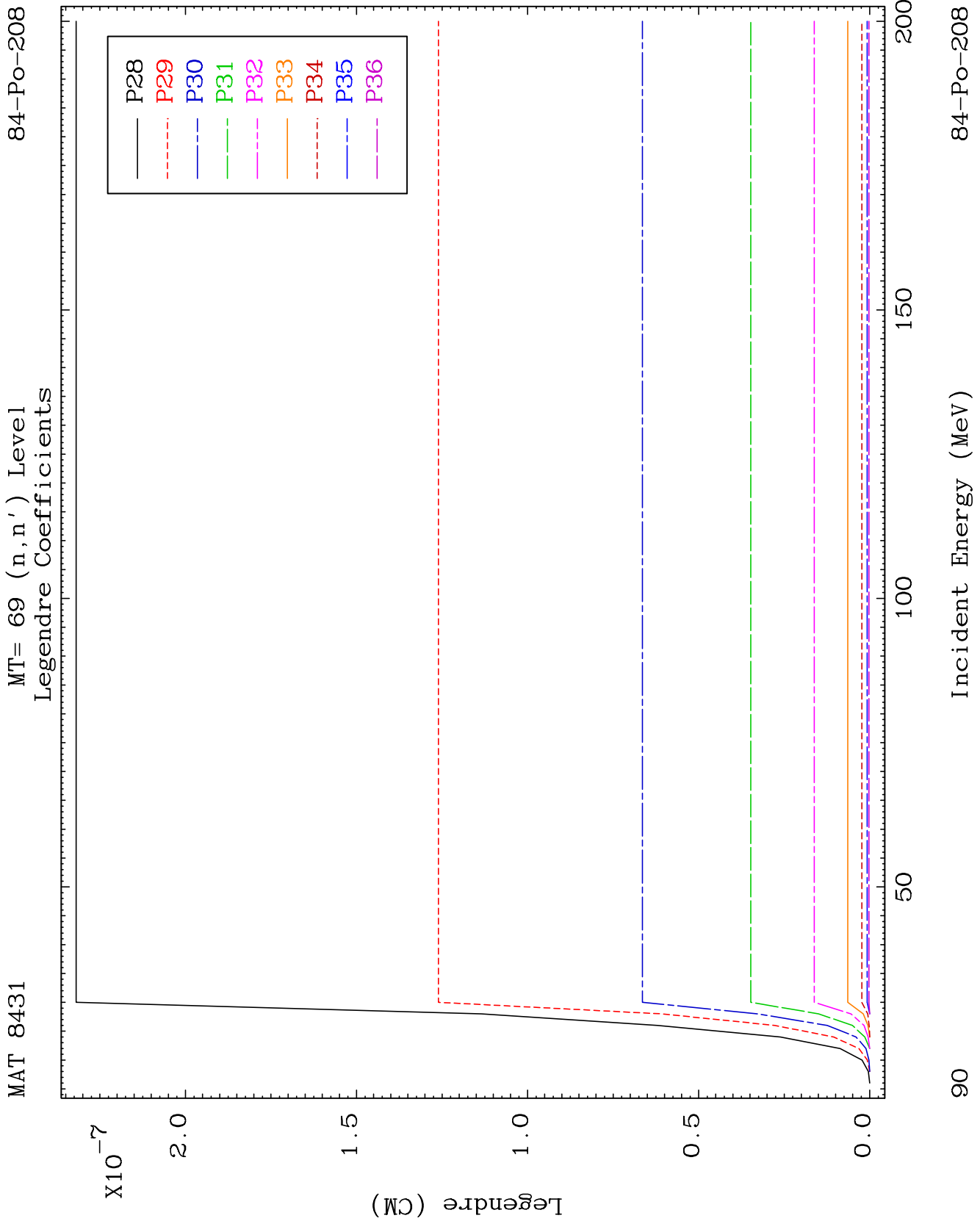


MAT 8431

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

84-Po-208

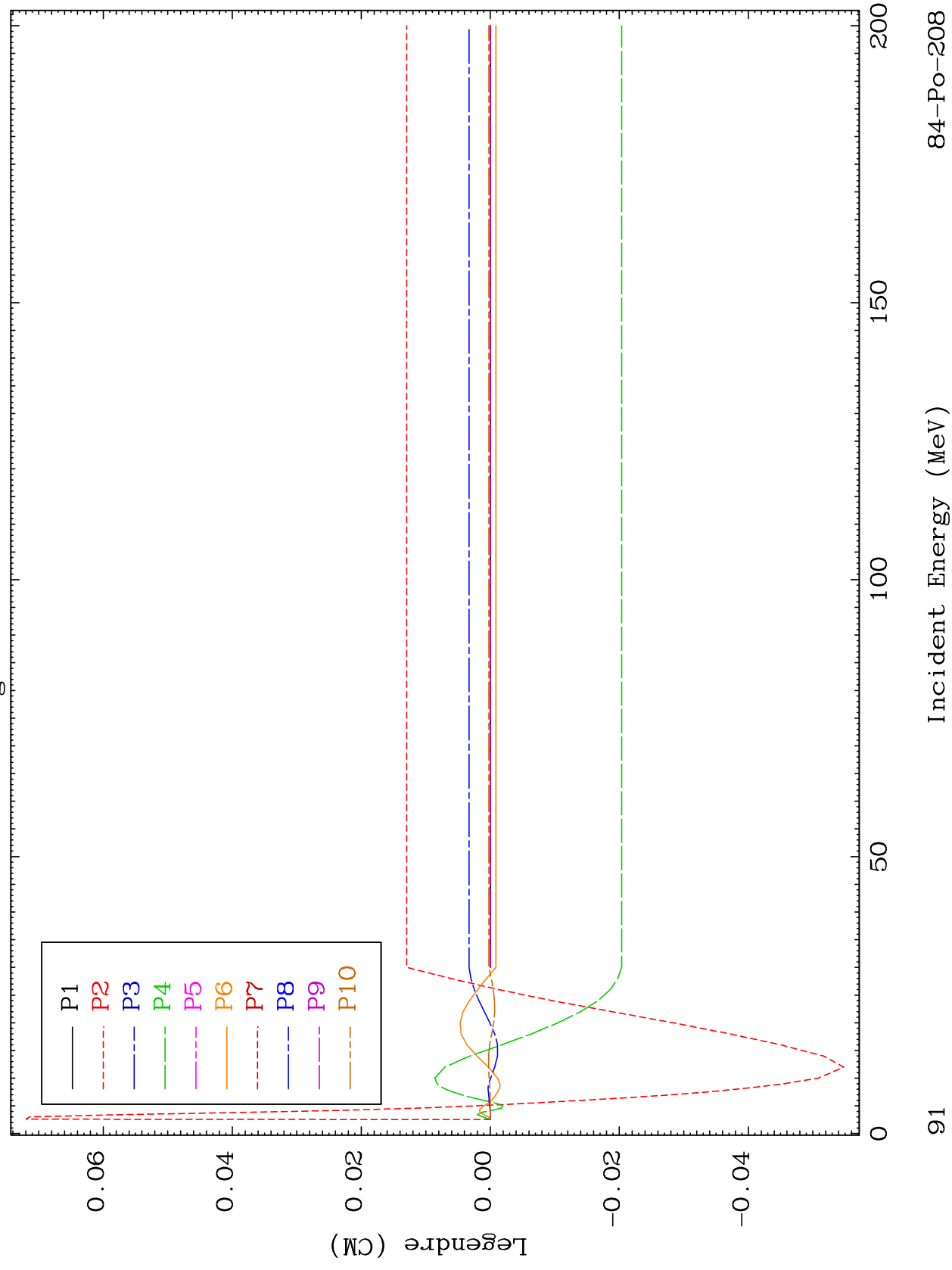


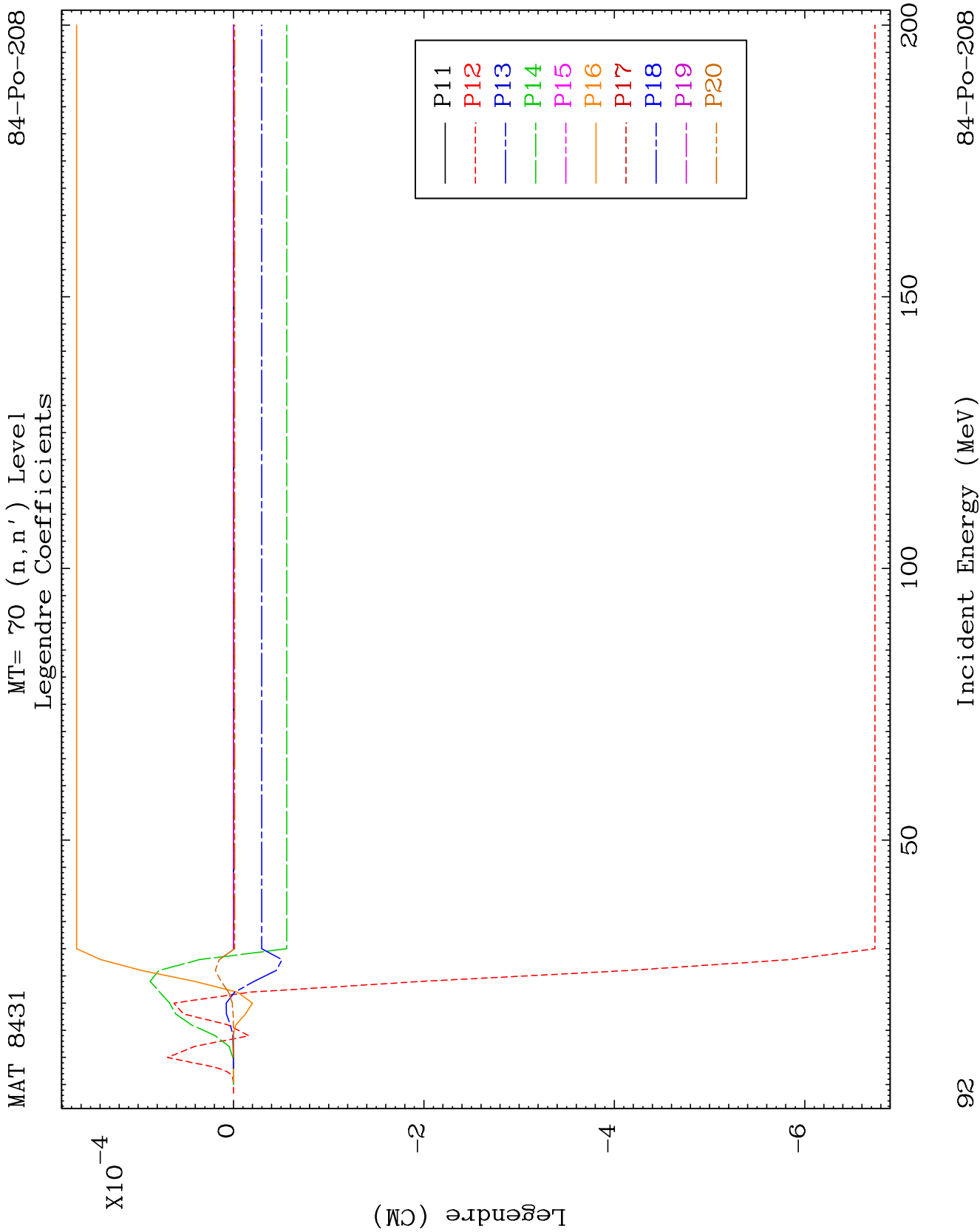


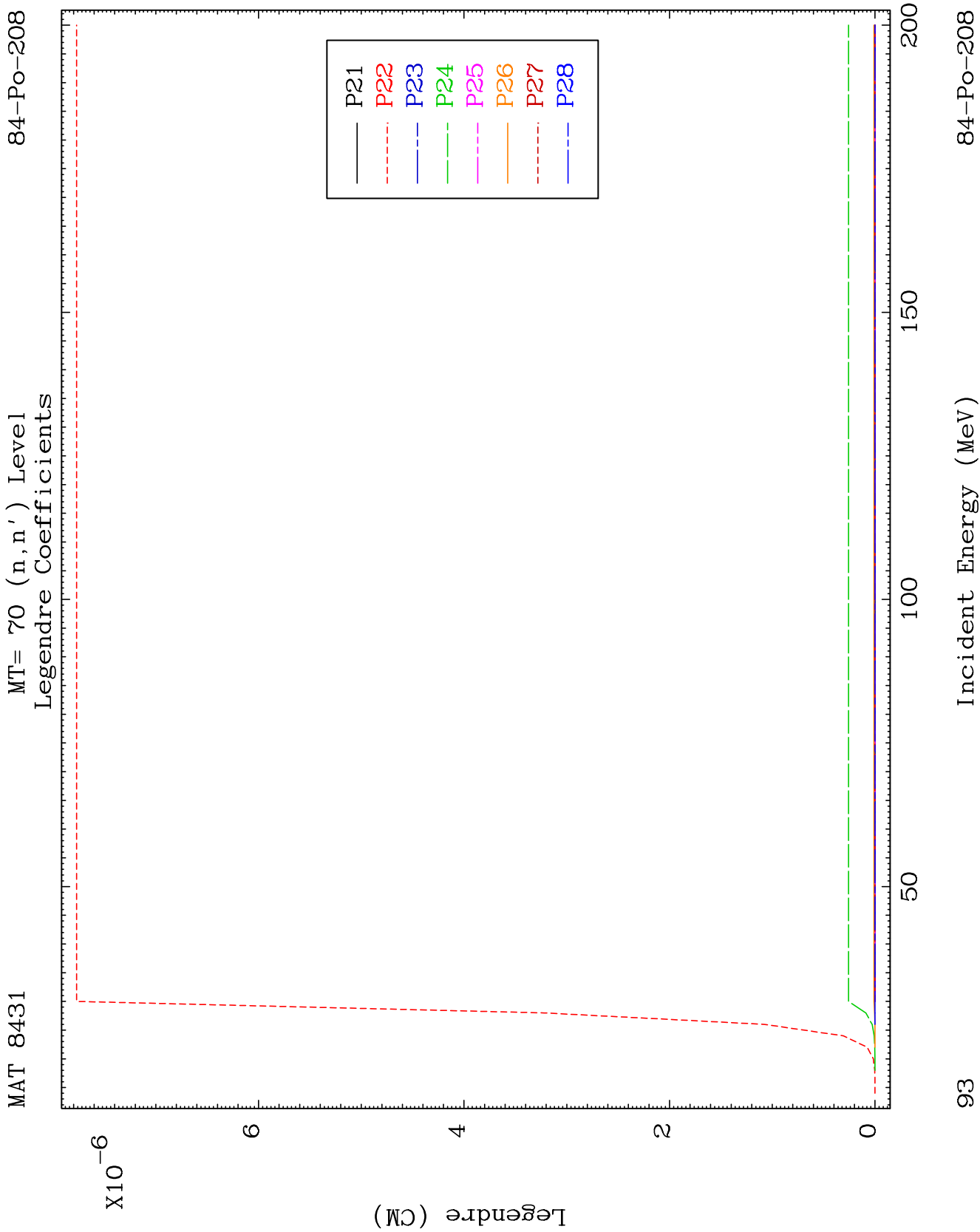
MAT 8431

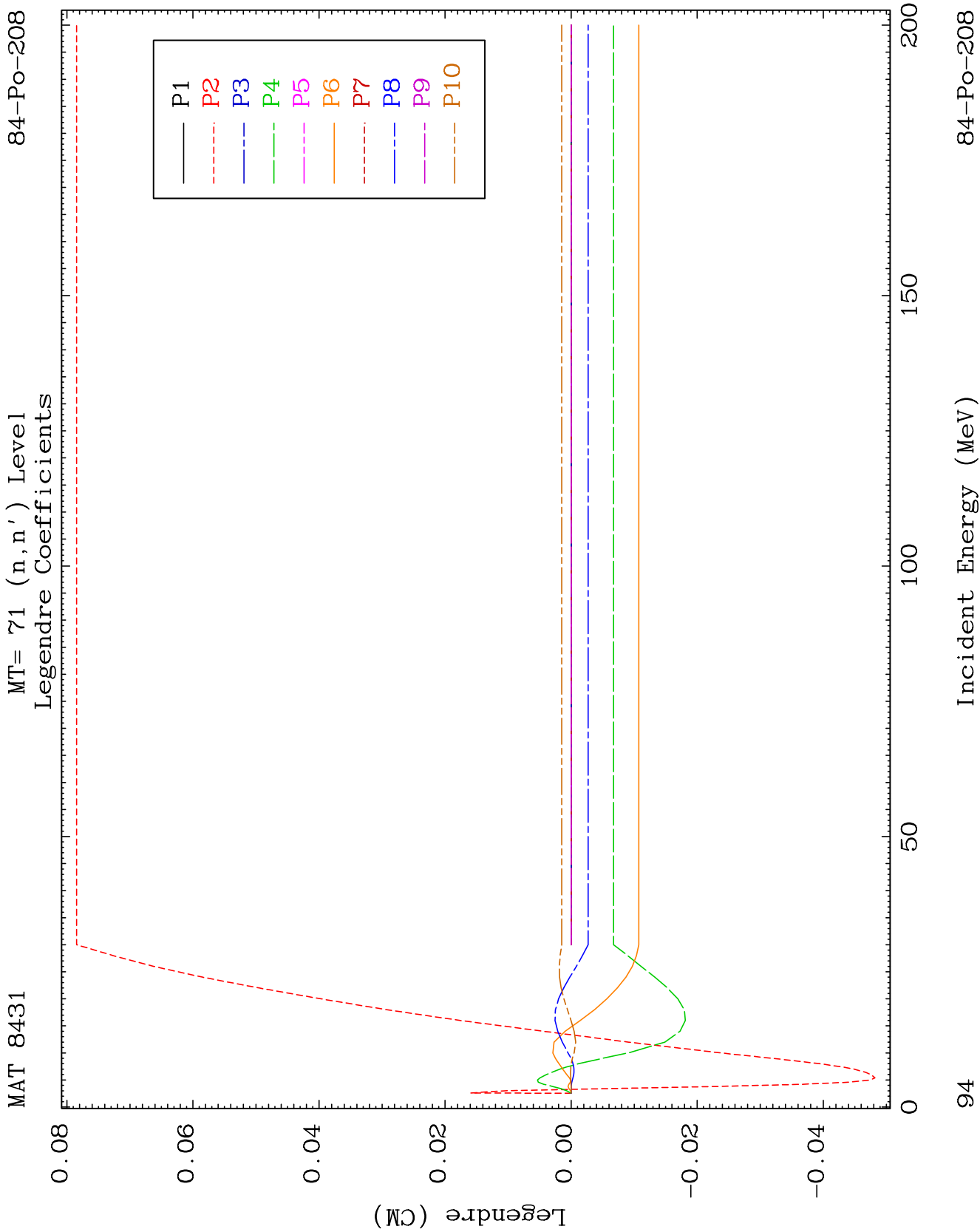
84-Po-208

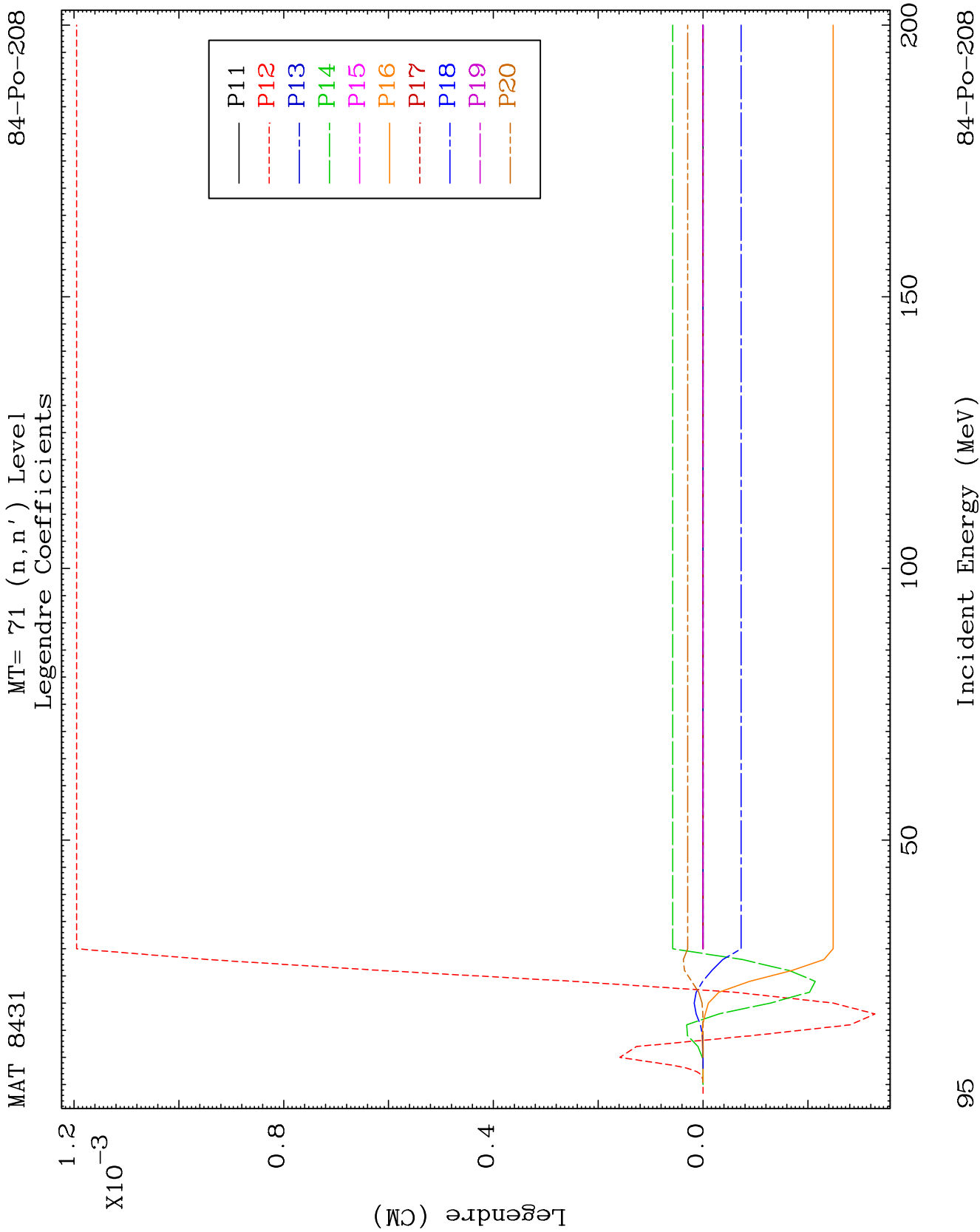
MT= 70 (n, n') Level
Legendre Coefficients

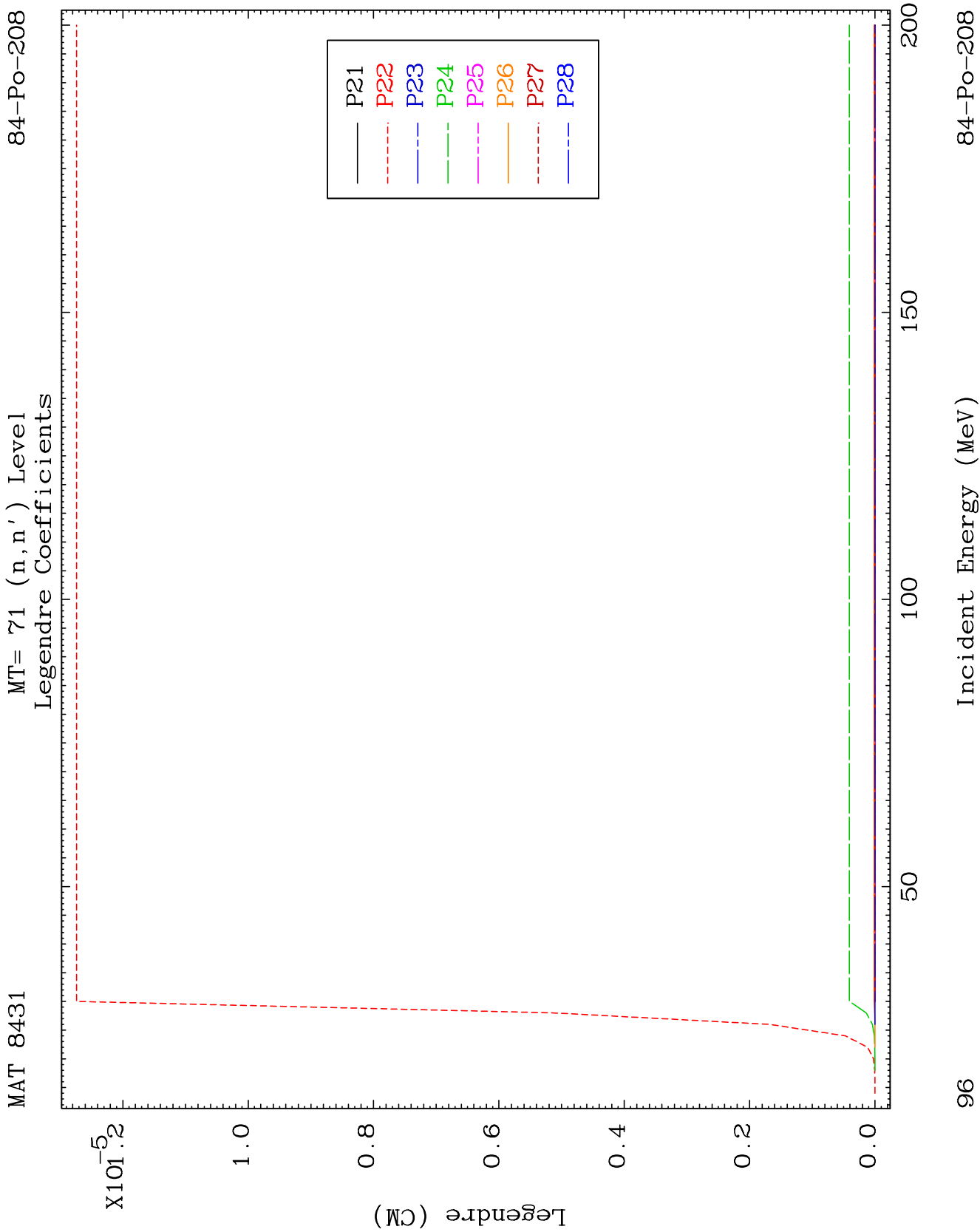


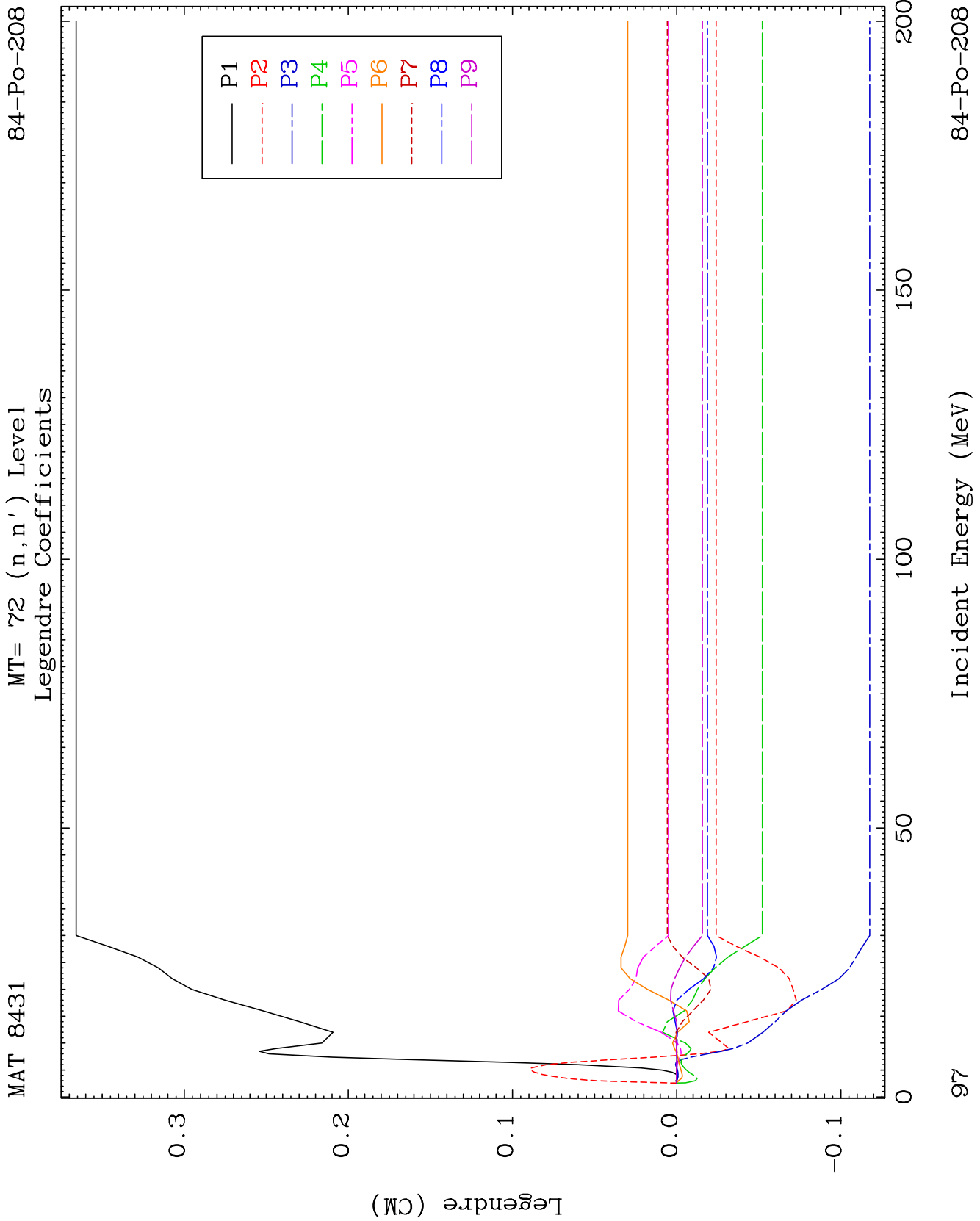


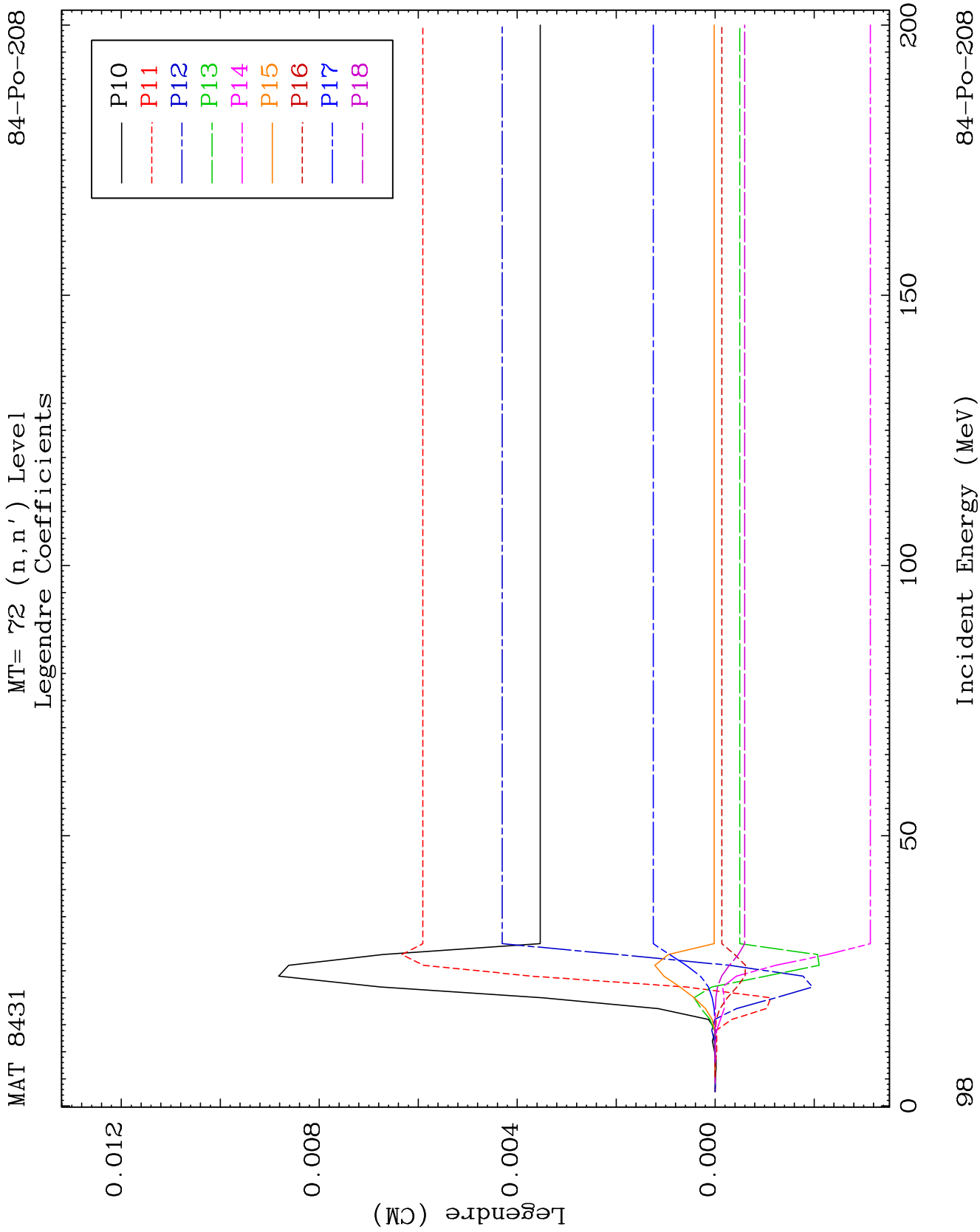








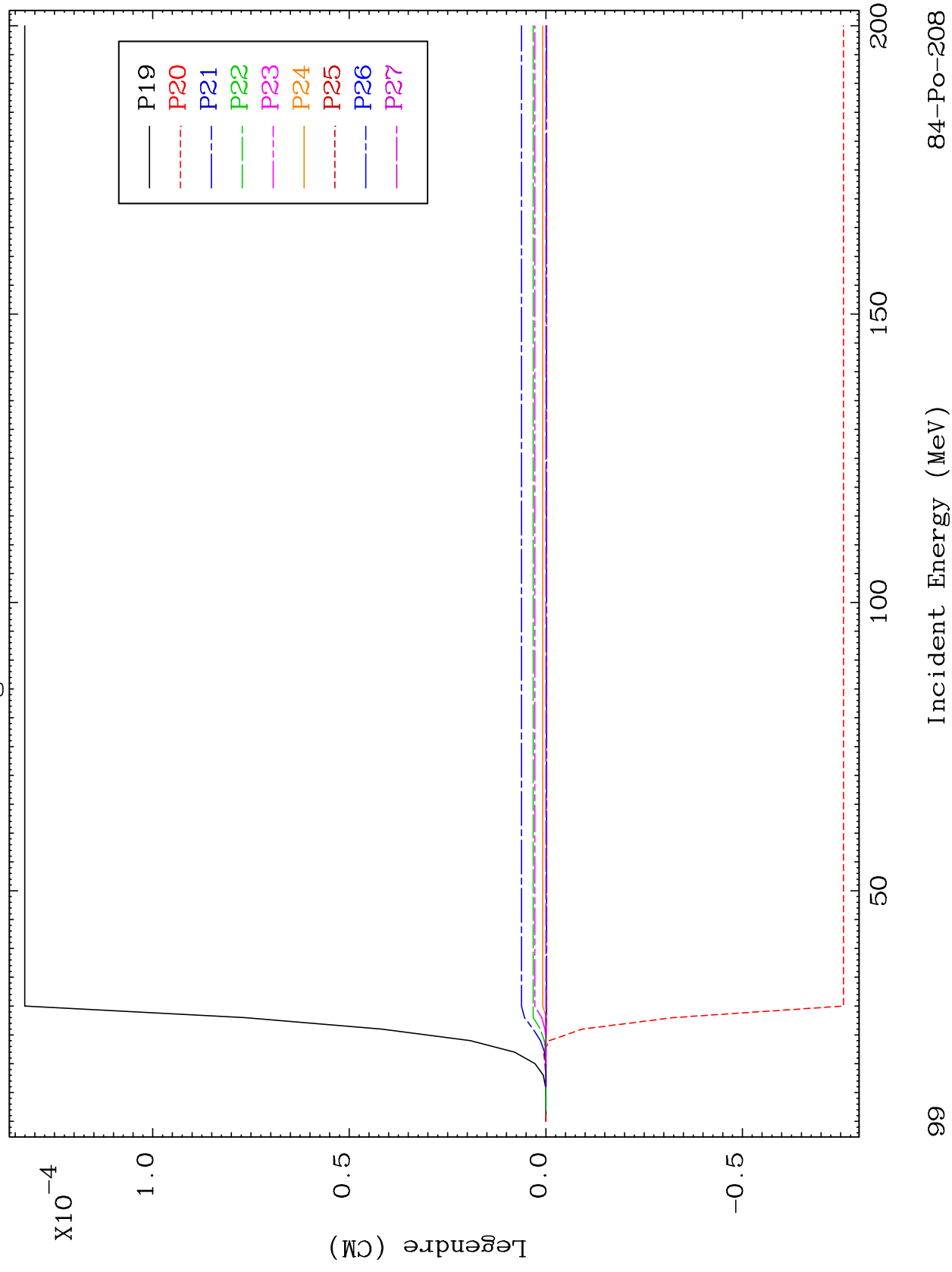


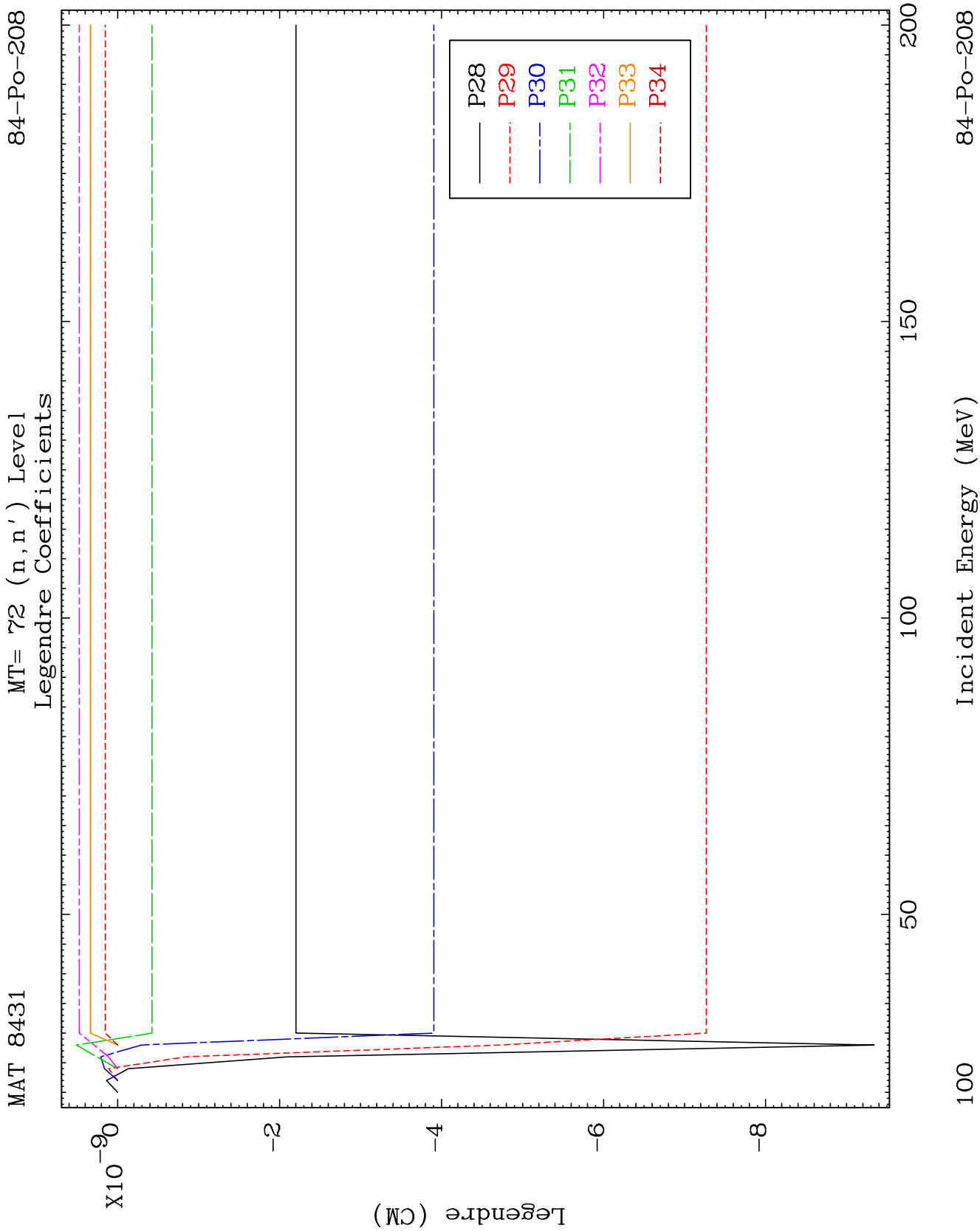


MAT 8431

84-Po-208

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

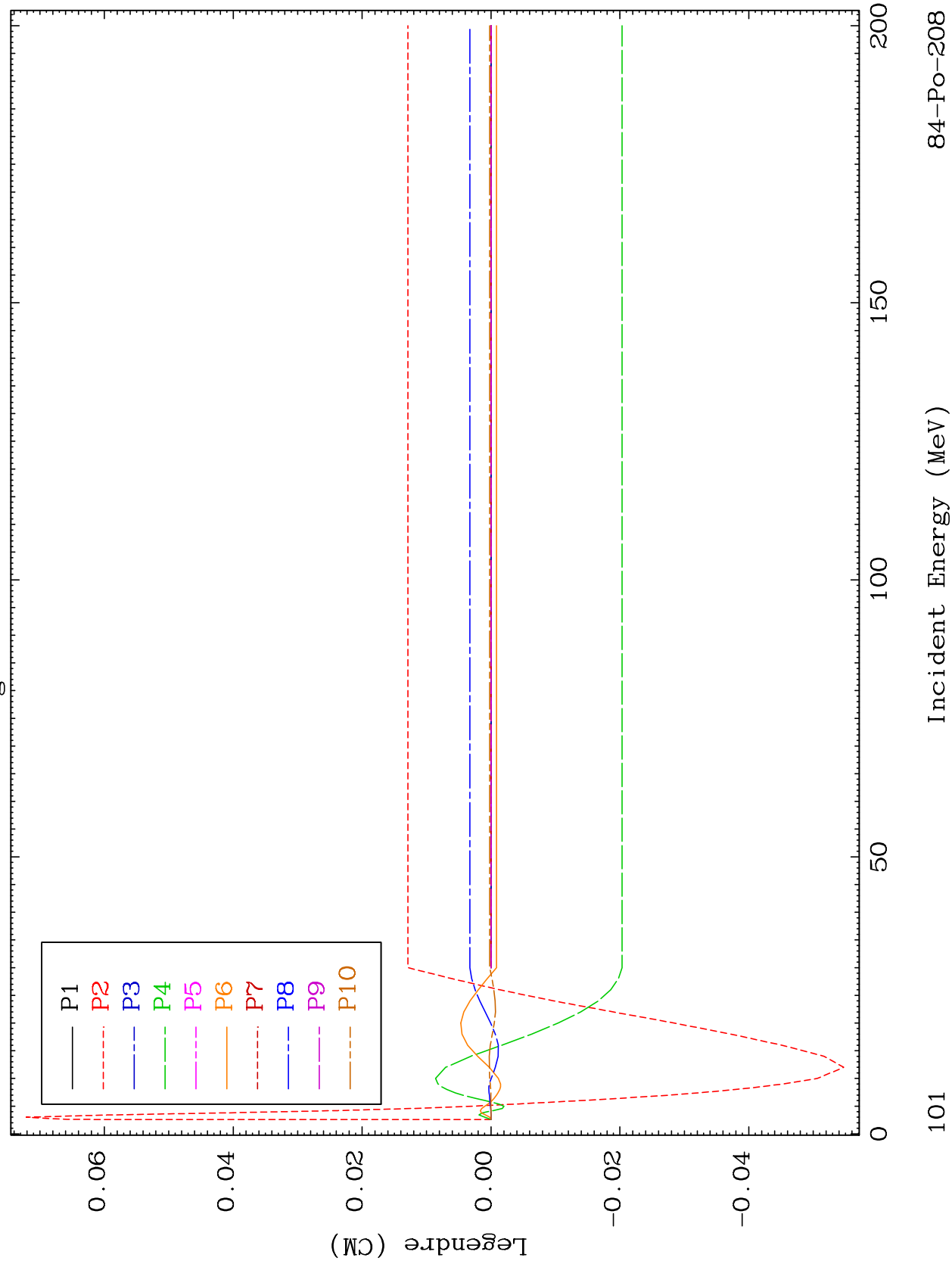




MAT 8431

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

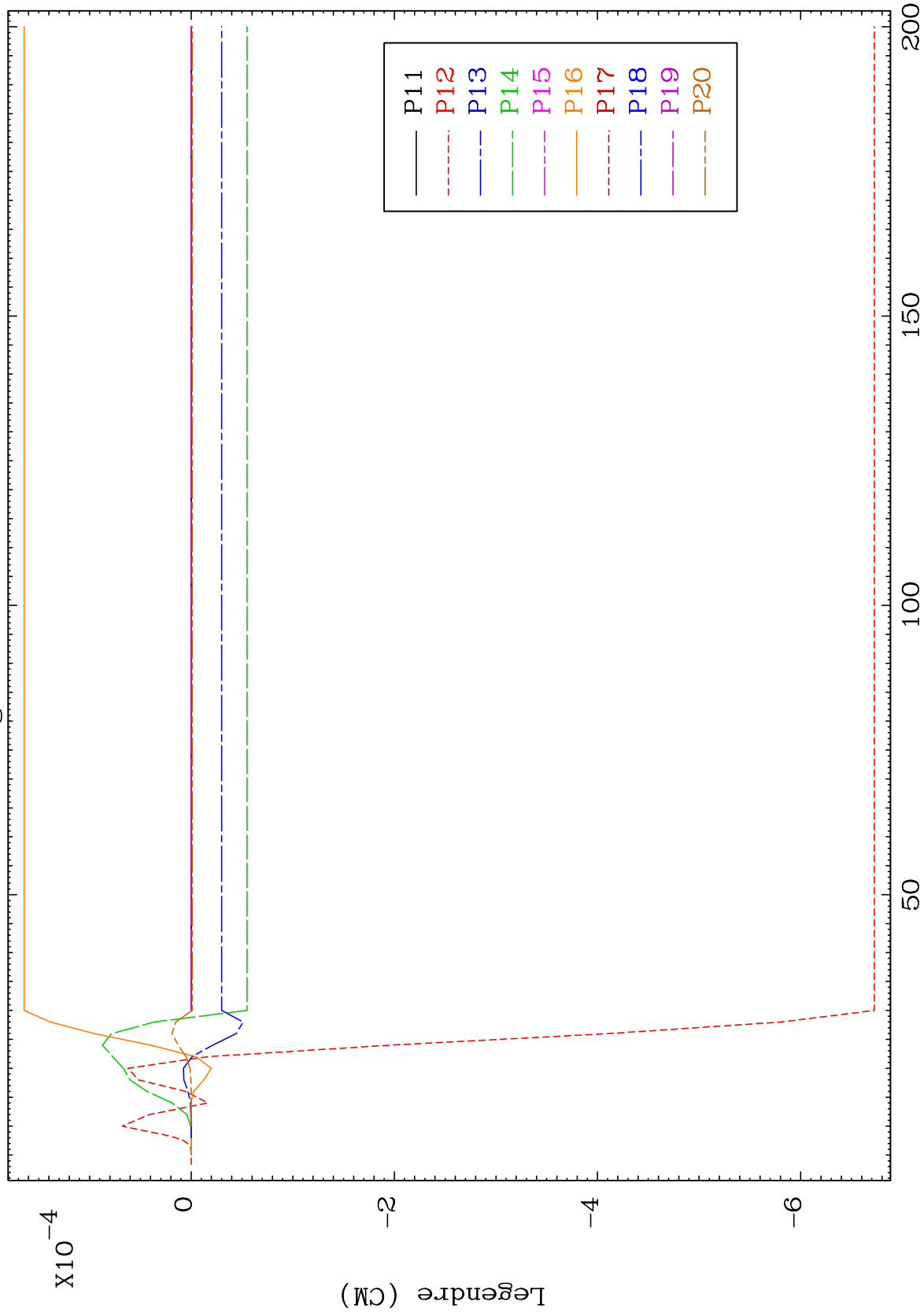
84-Po-208



MAT 8431

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

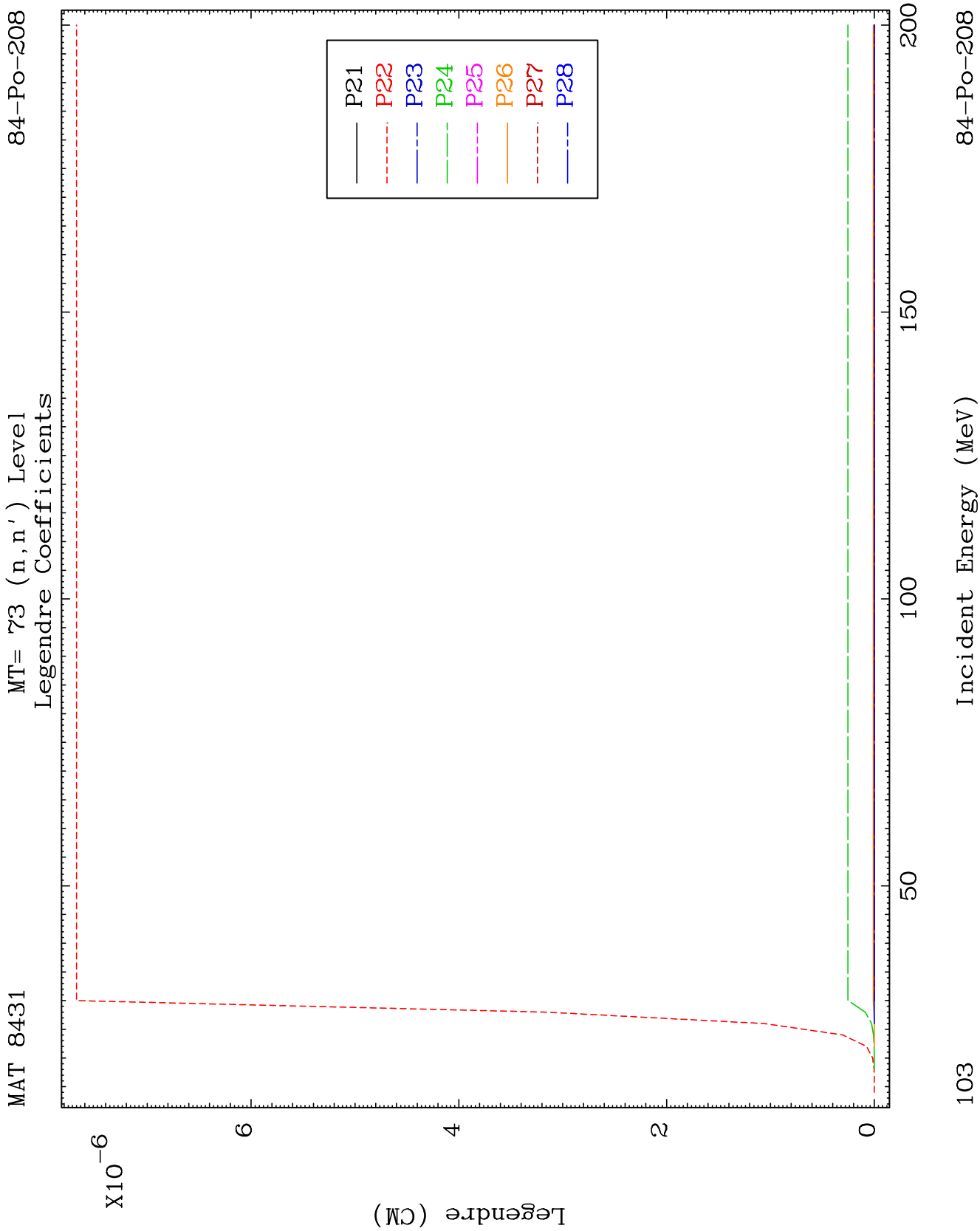
84-Po-208

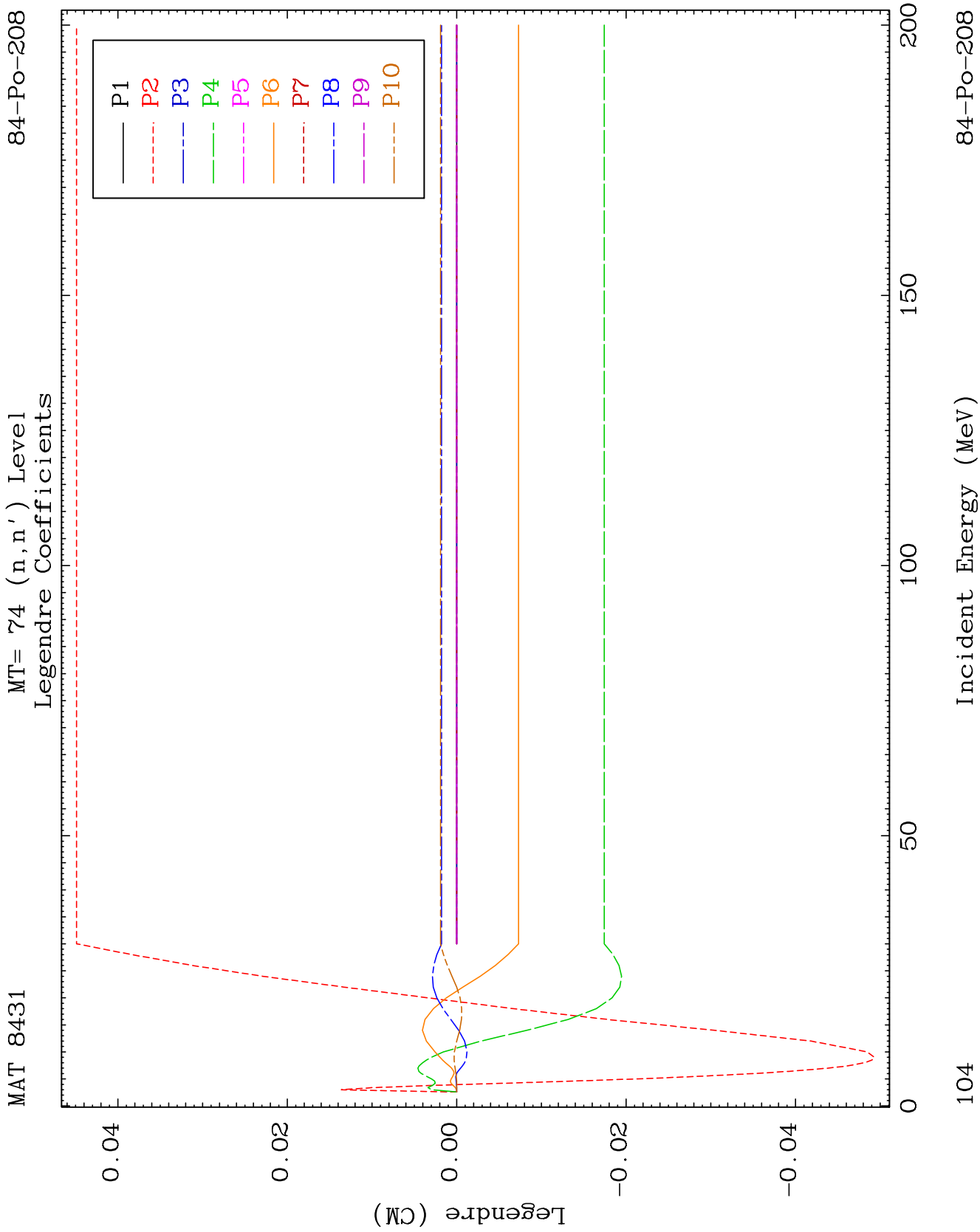


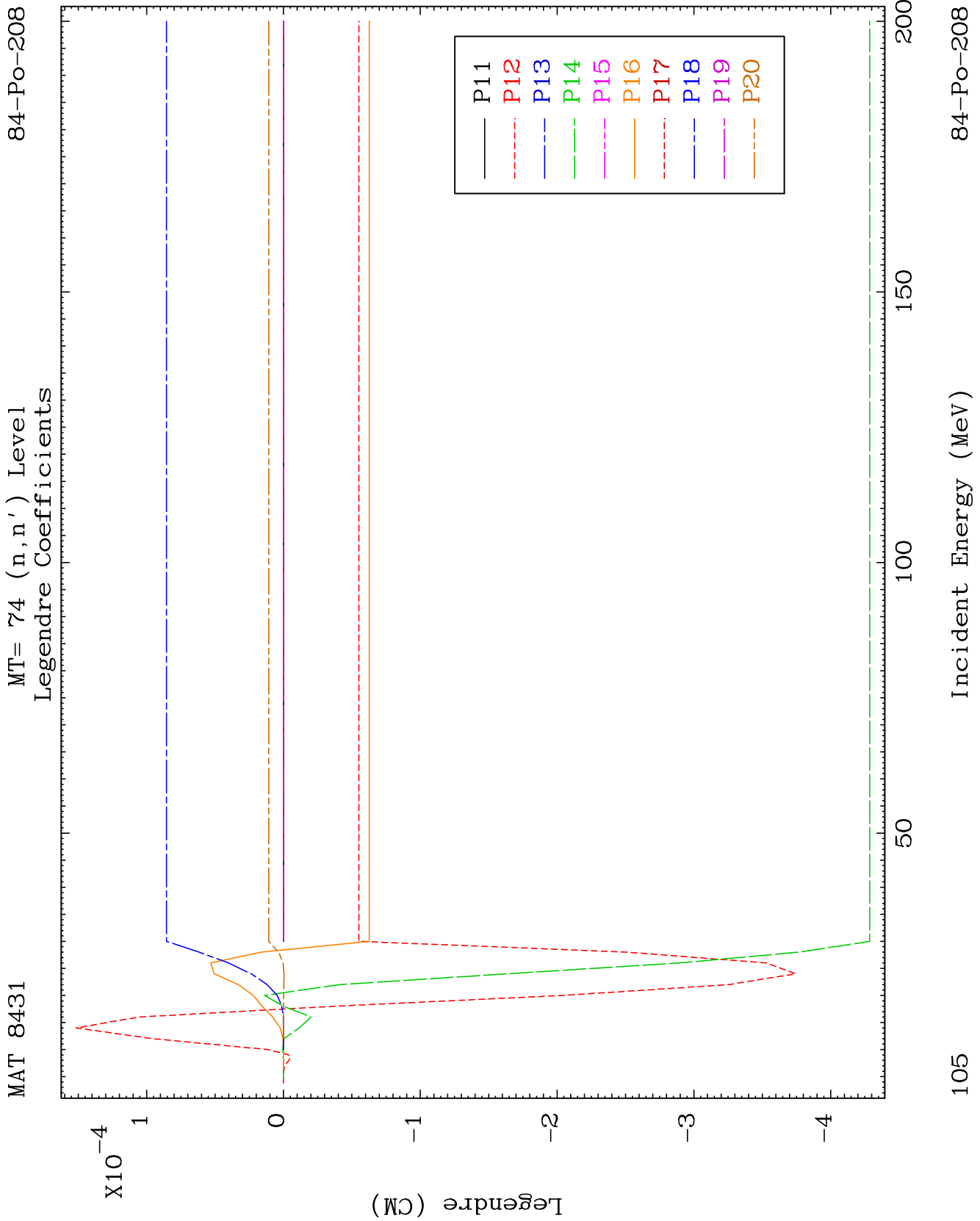
102

Incident Energy (MeV)

84-Po-208



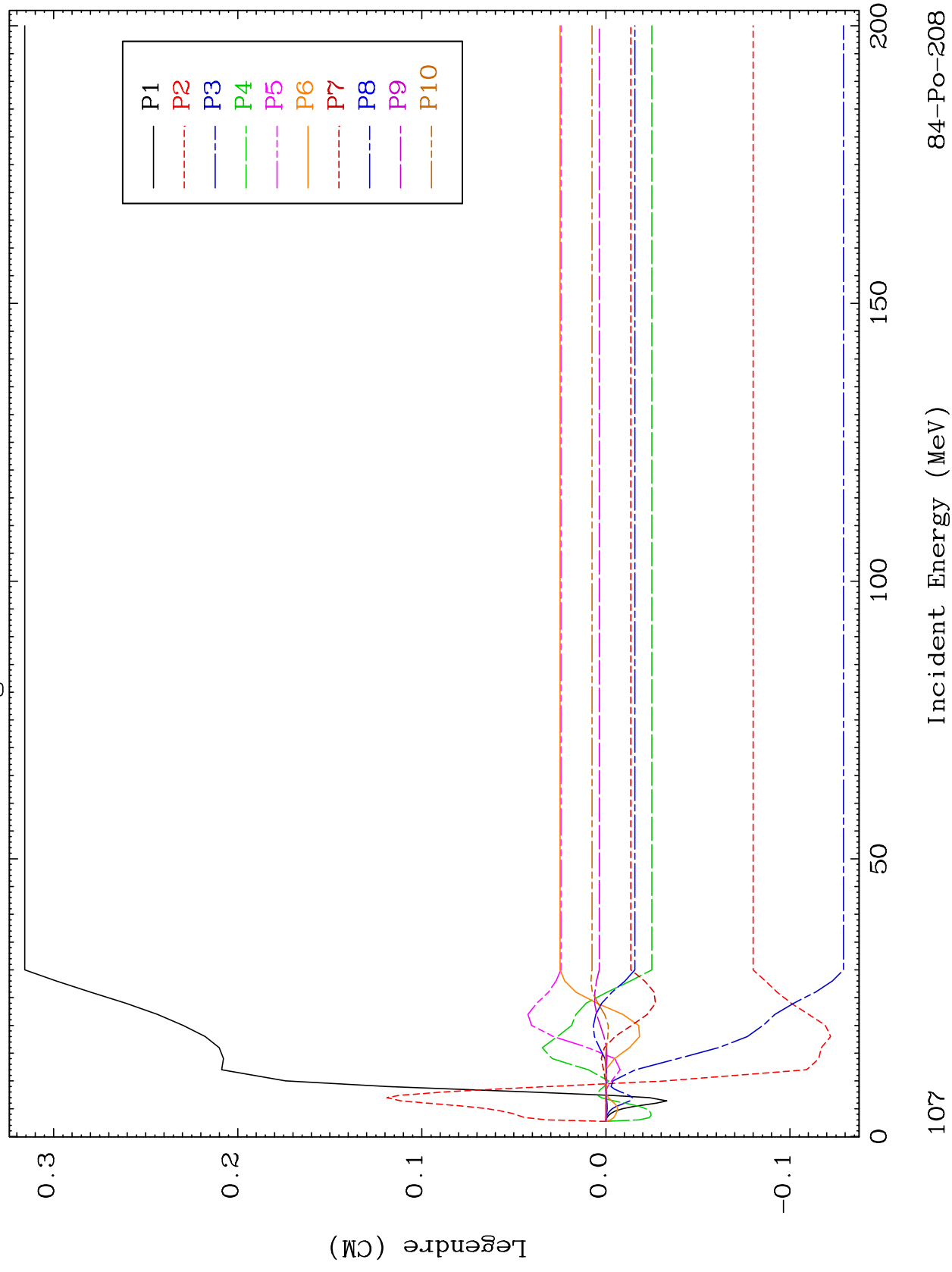




MAT 8431

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

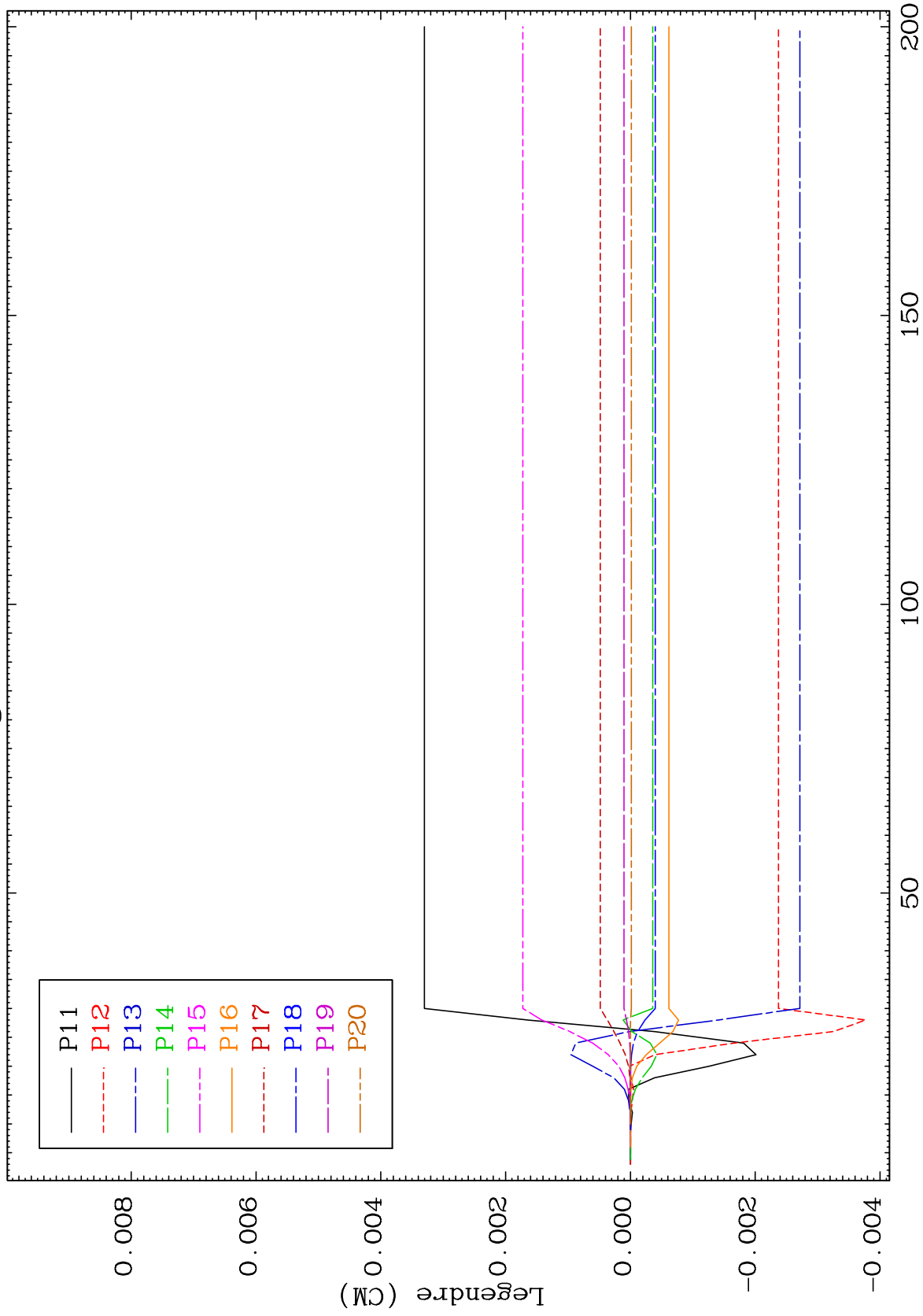
84-Po-208



MAT 8431

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

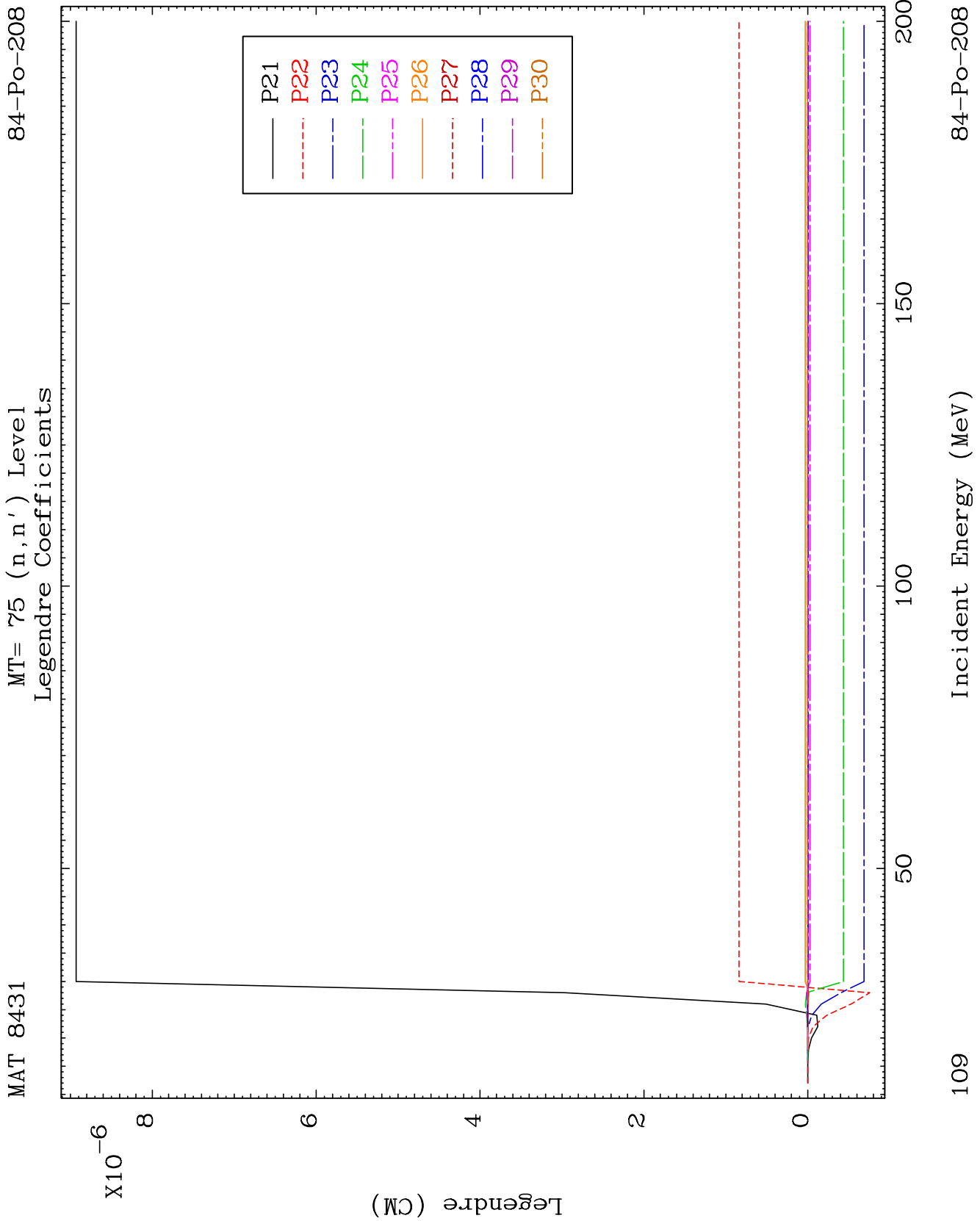
84-Po-208



108

Incident Energy (MeV)

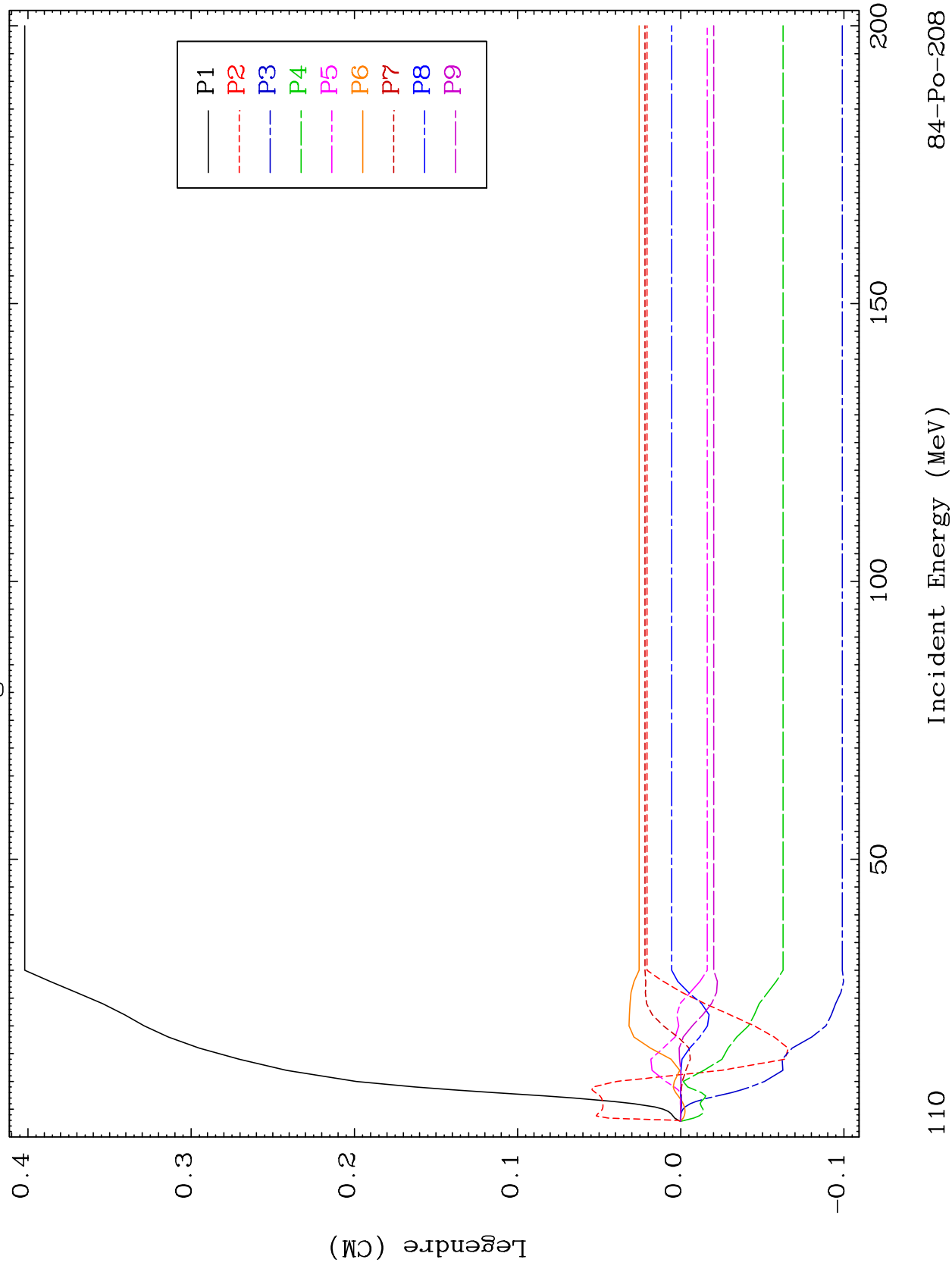
84-Po-208

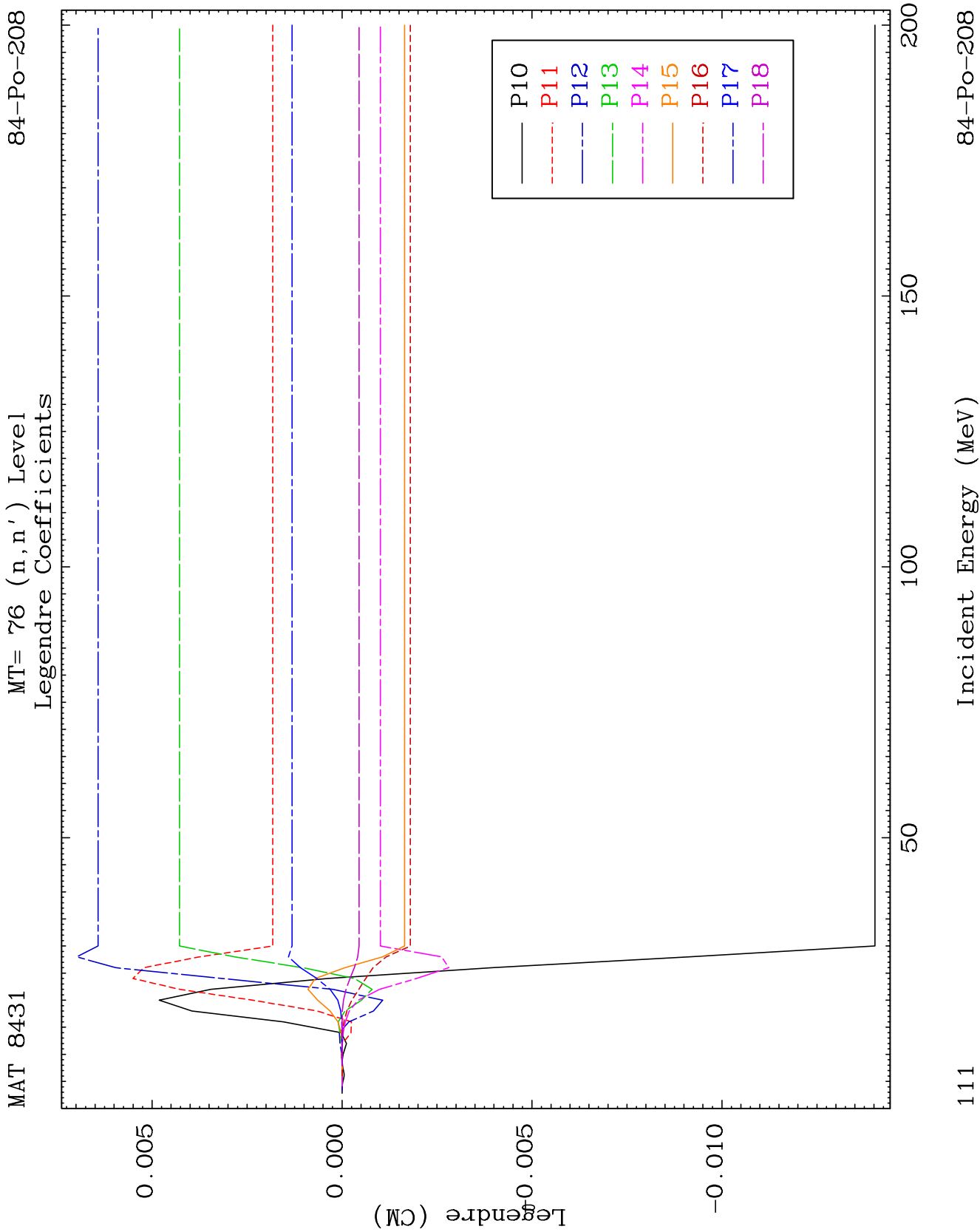


MAT 8431

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

84-Po-208

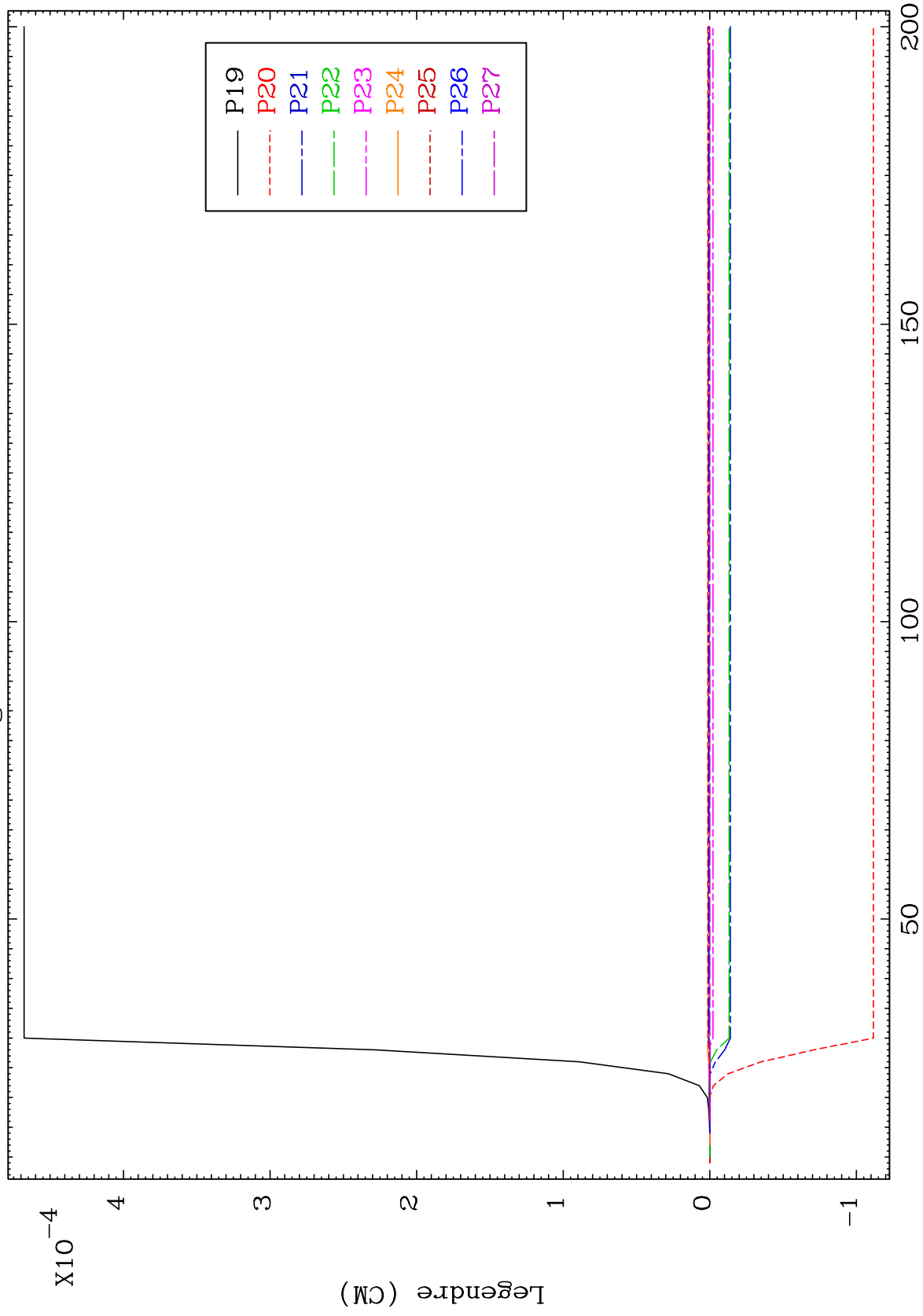




MAT 8431

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

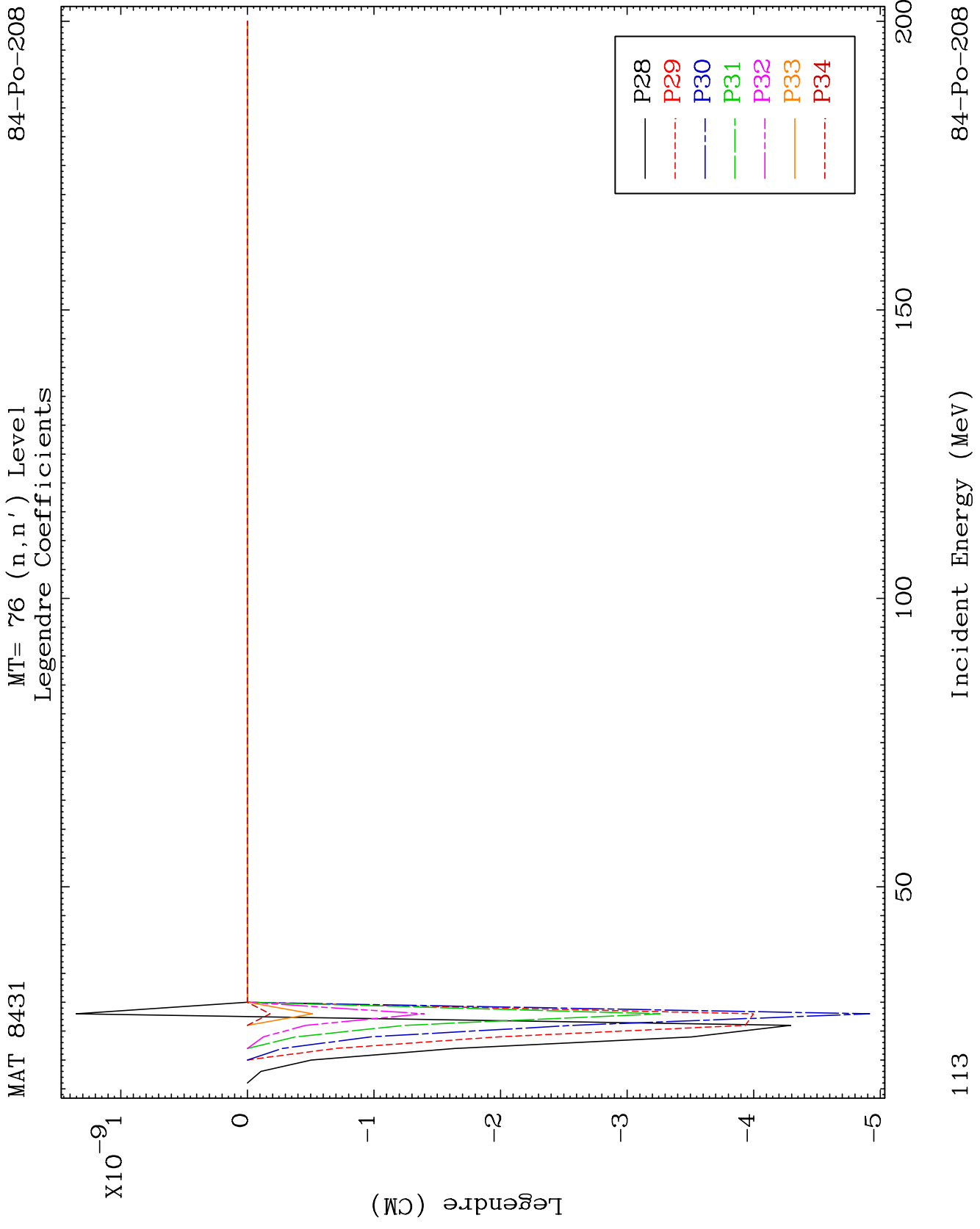
84-Po-208

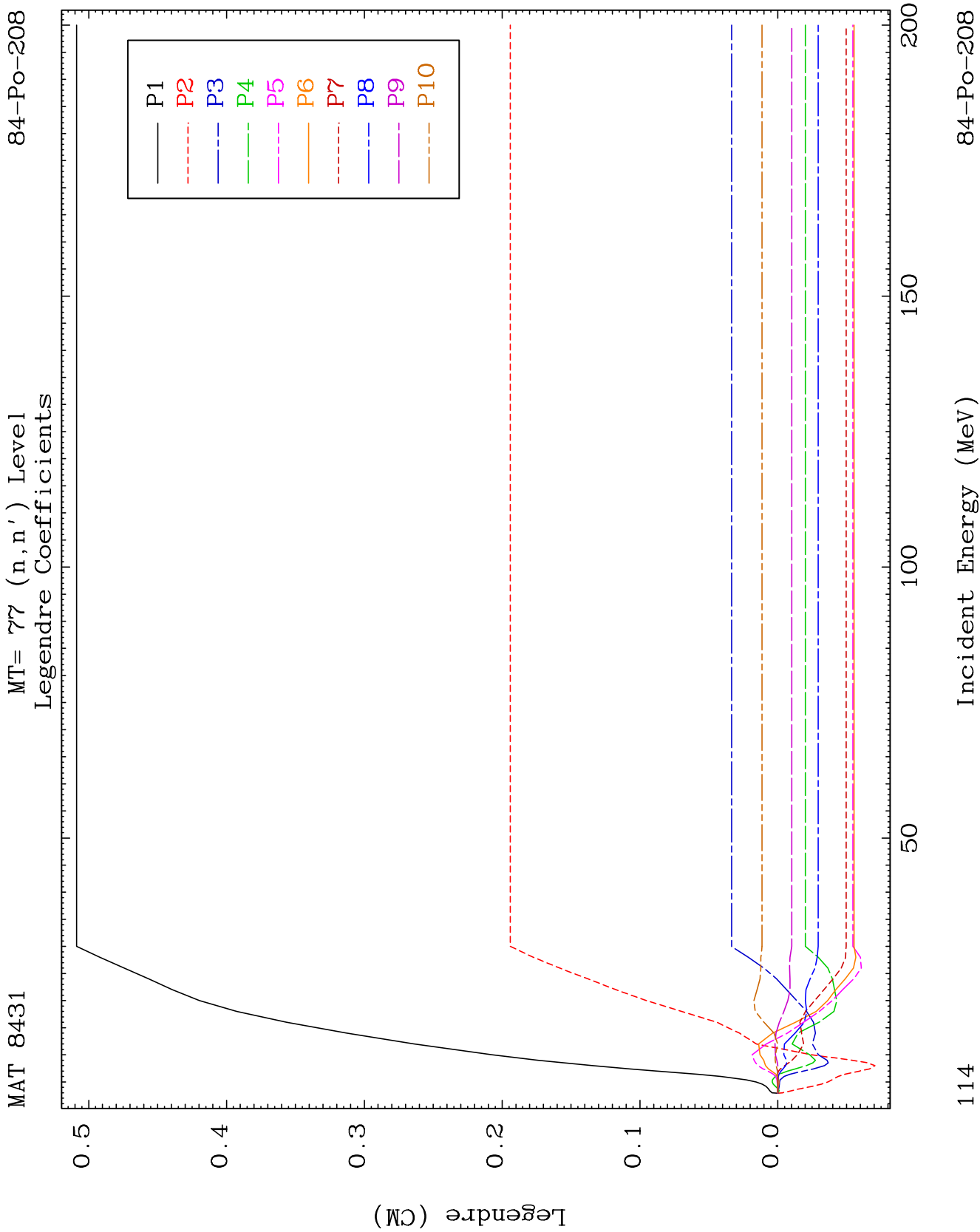


112

Incident Energy (MeV)

84-Po-208

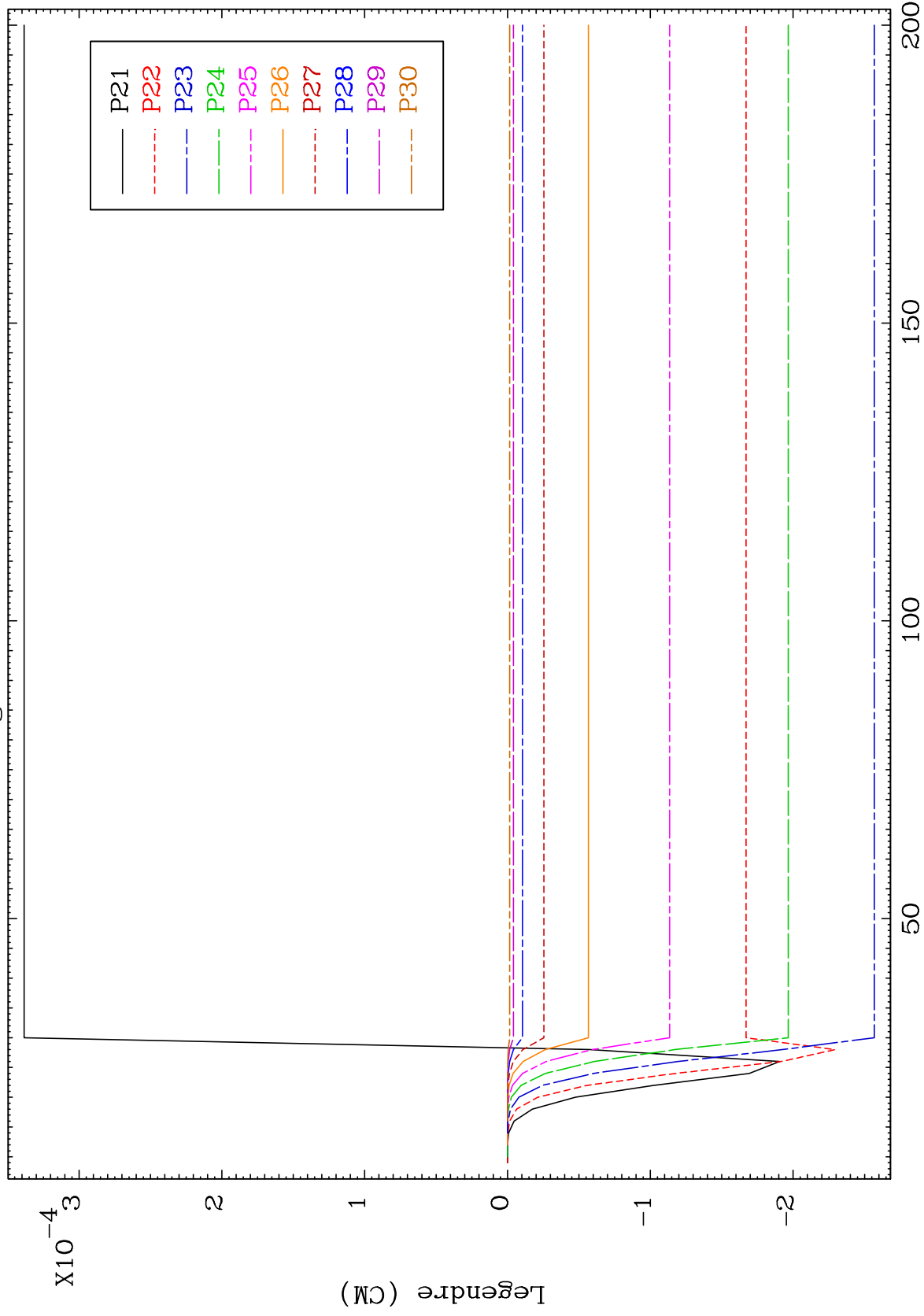




MAT 8431

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

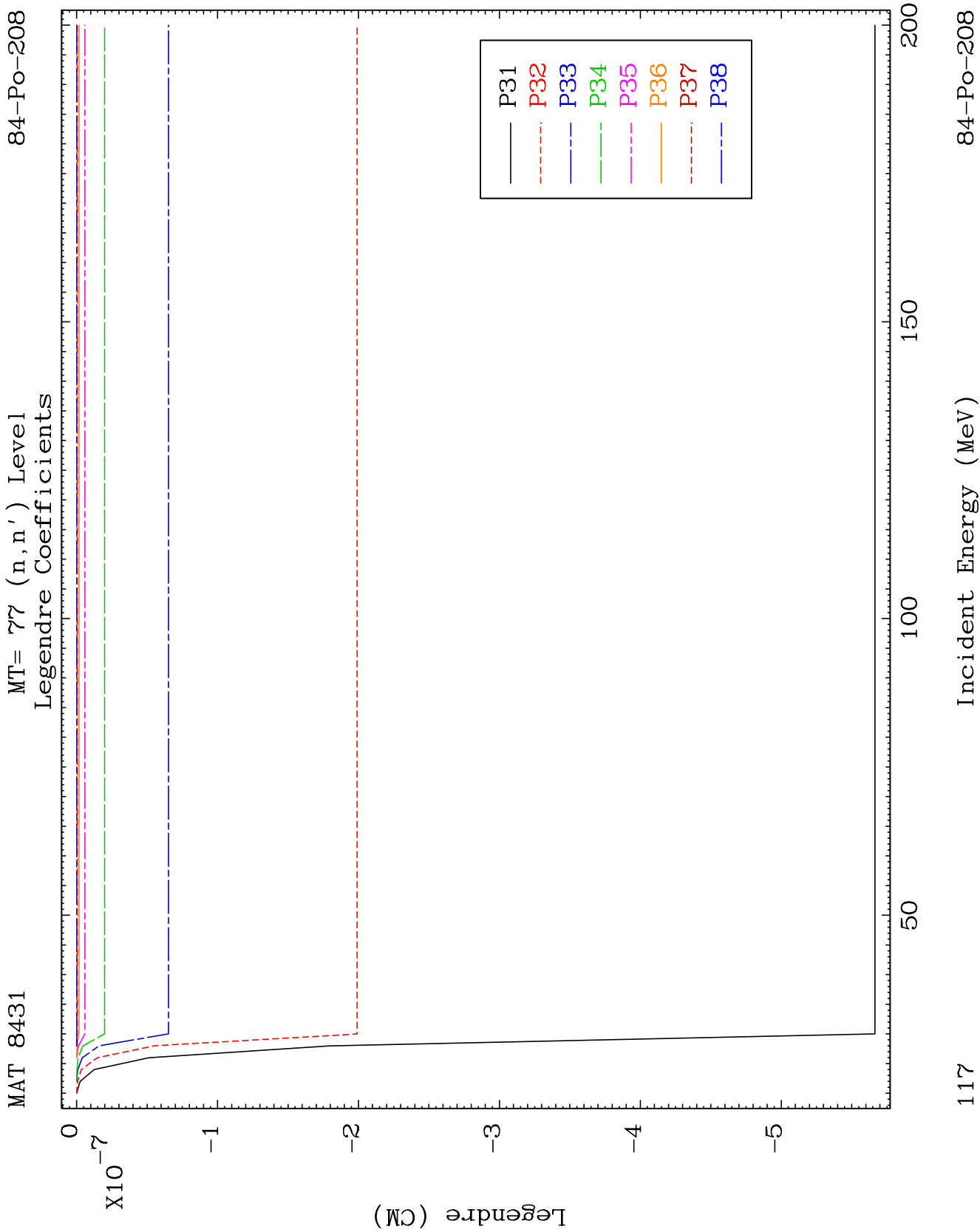
84-Po-208

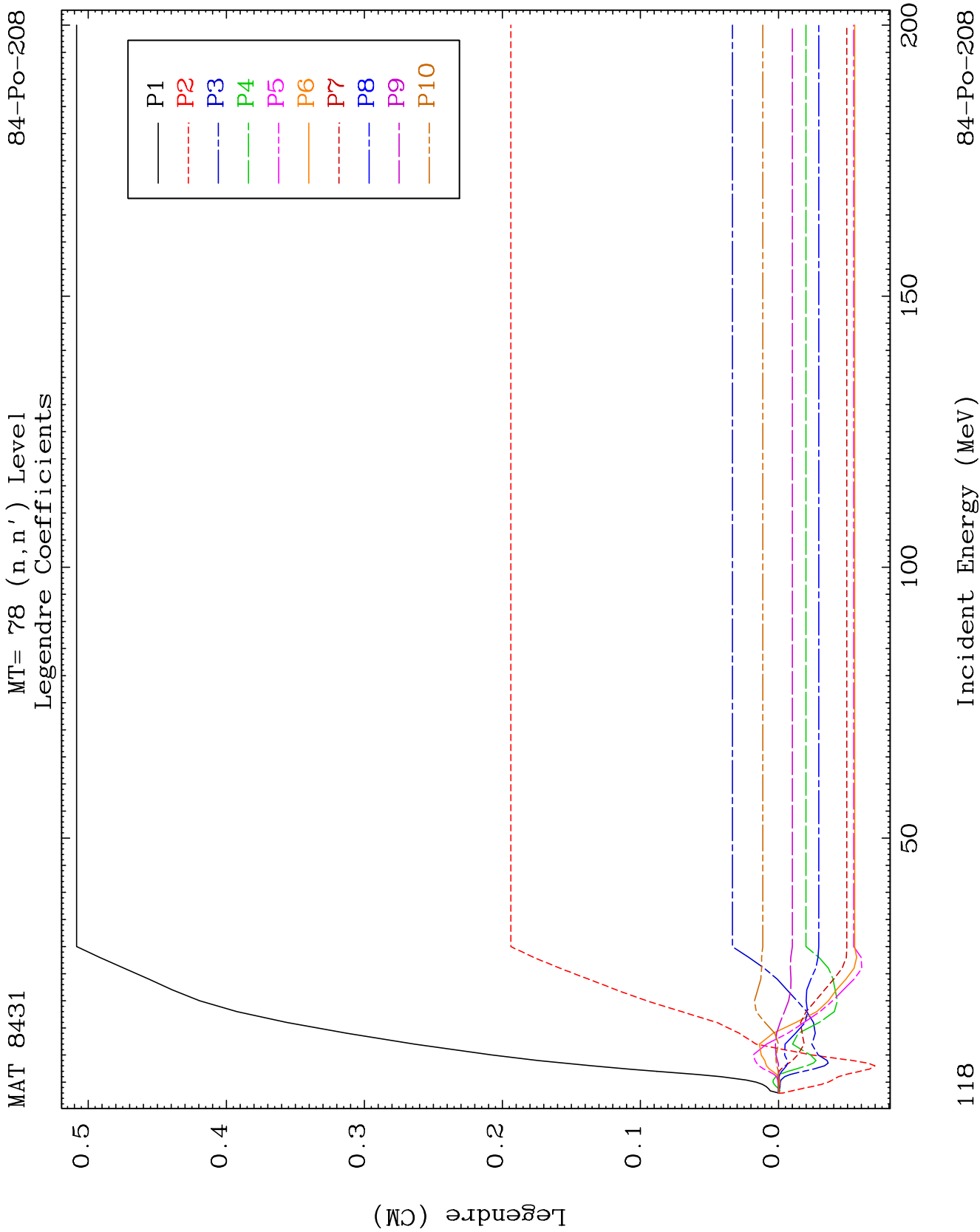


116

Incident Energy (MeV)

84-Po-208

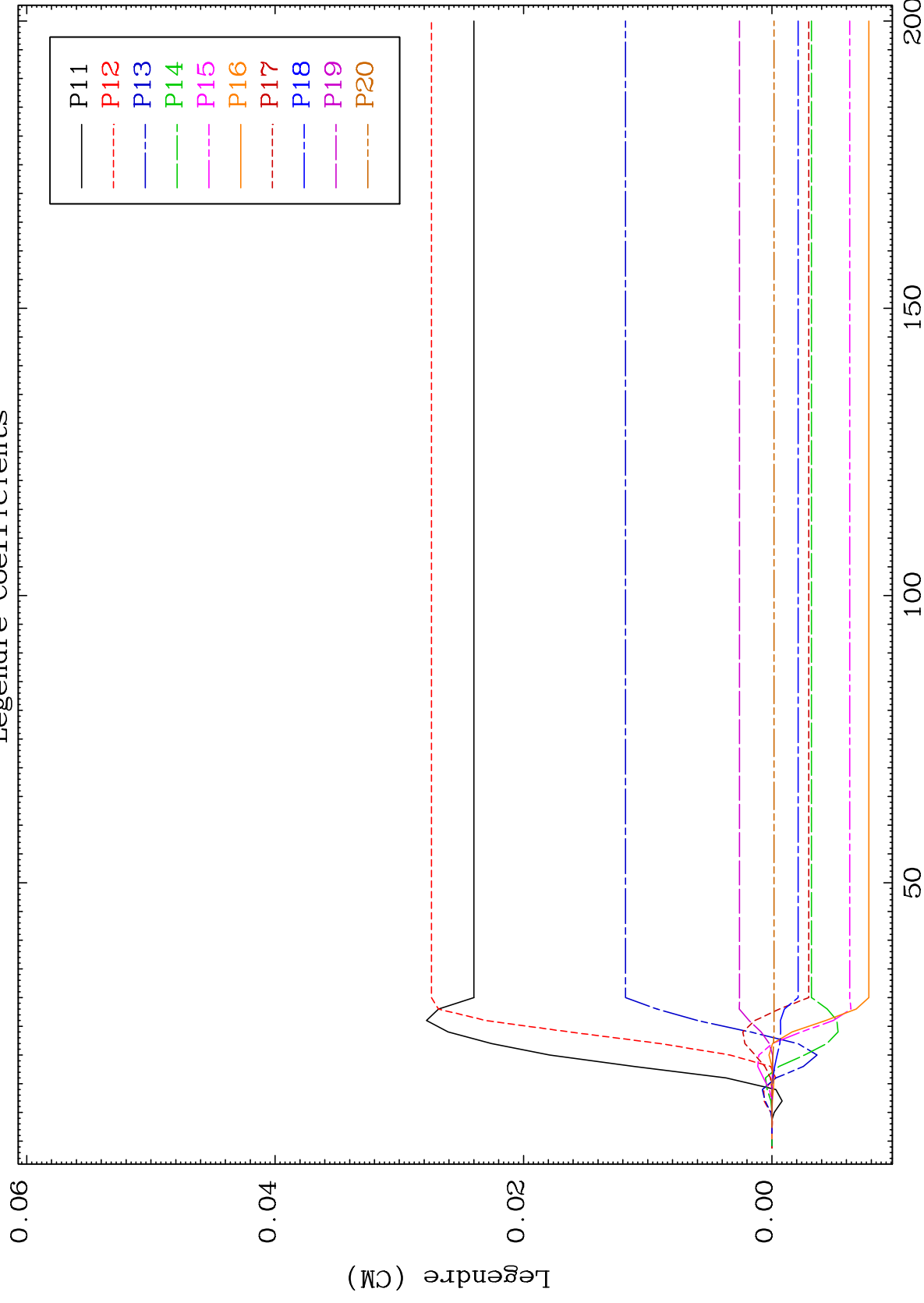




MAT 8431

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

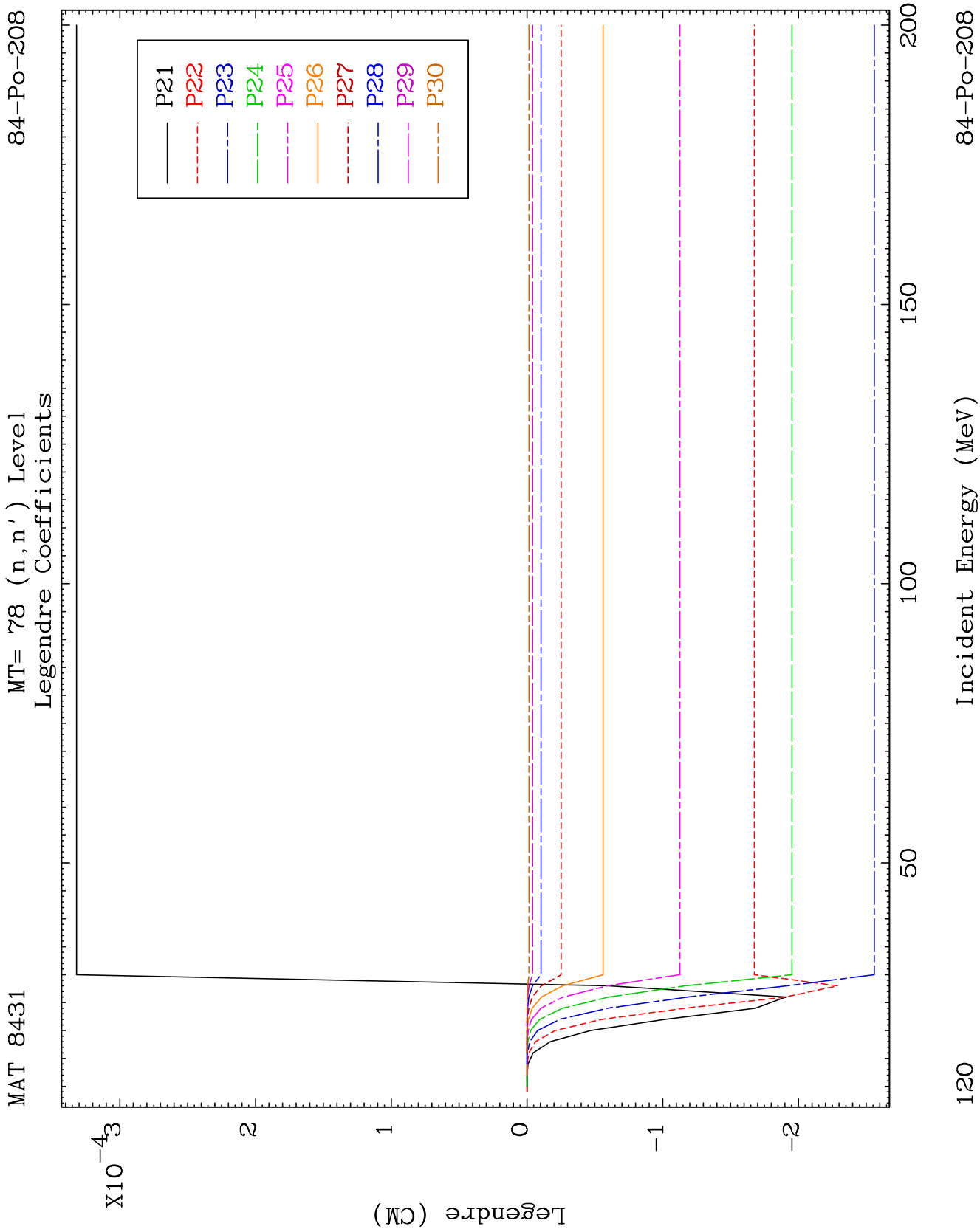
84-Po-208

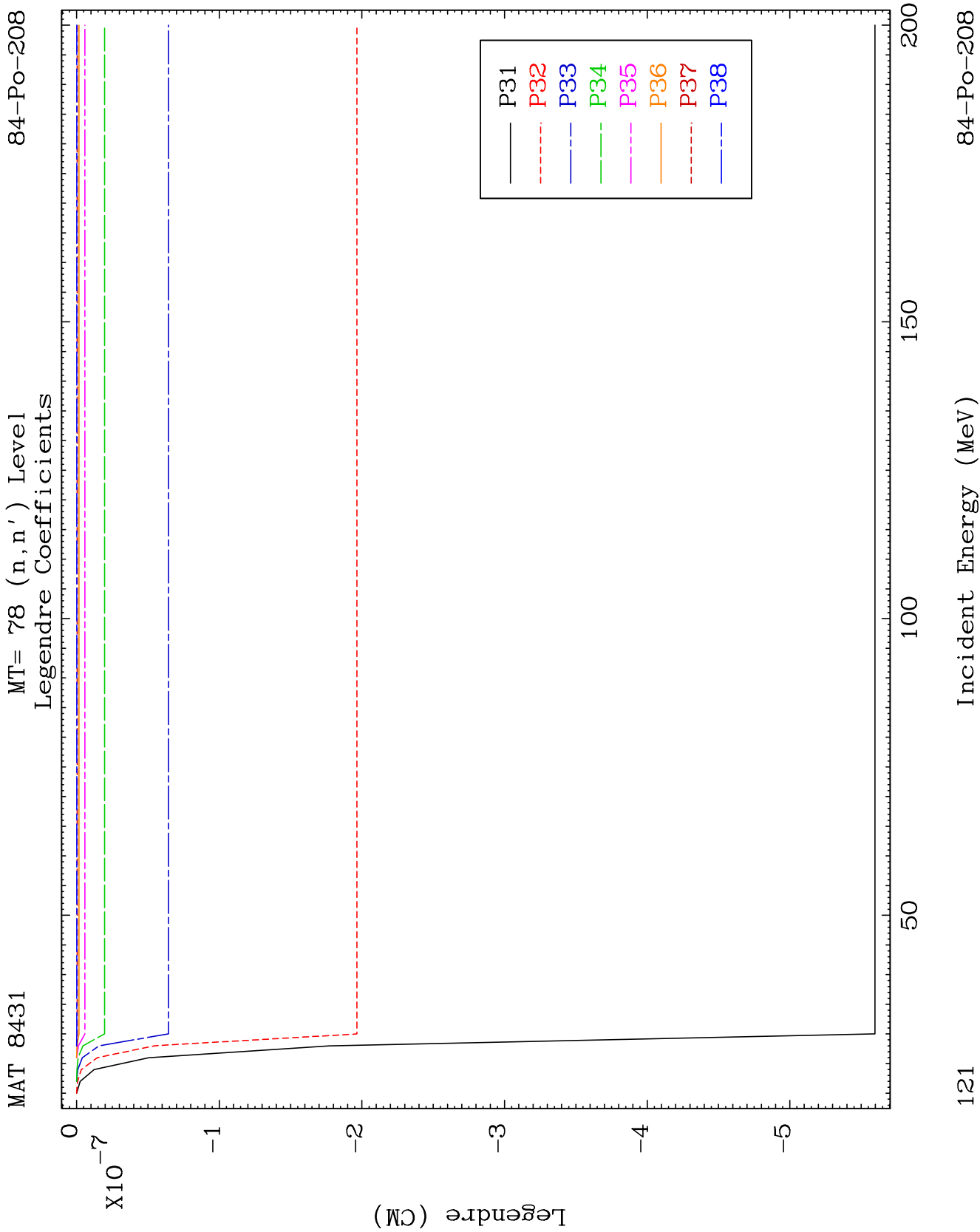


119

Incident Energy (MeV)

84-Po-208

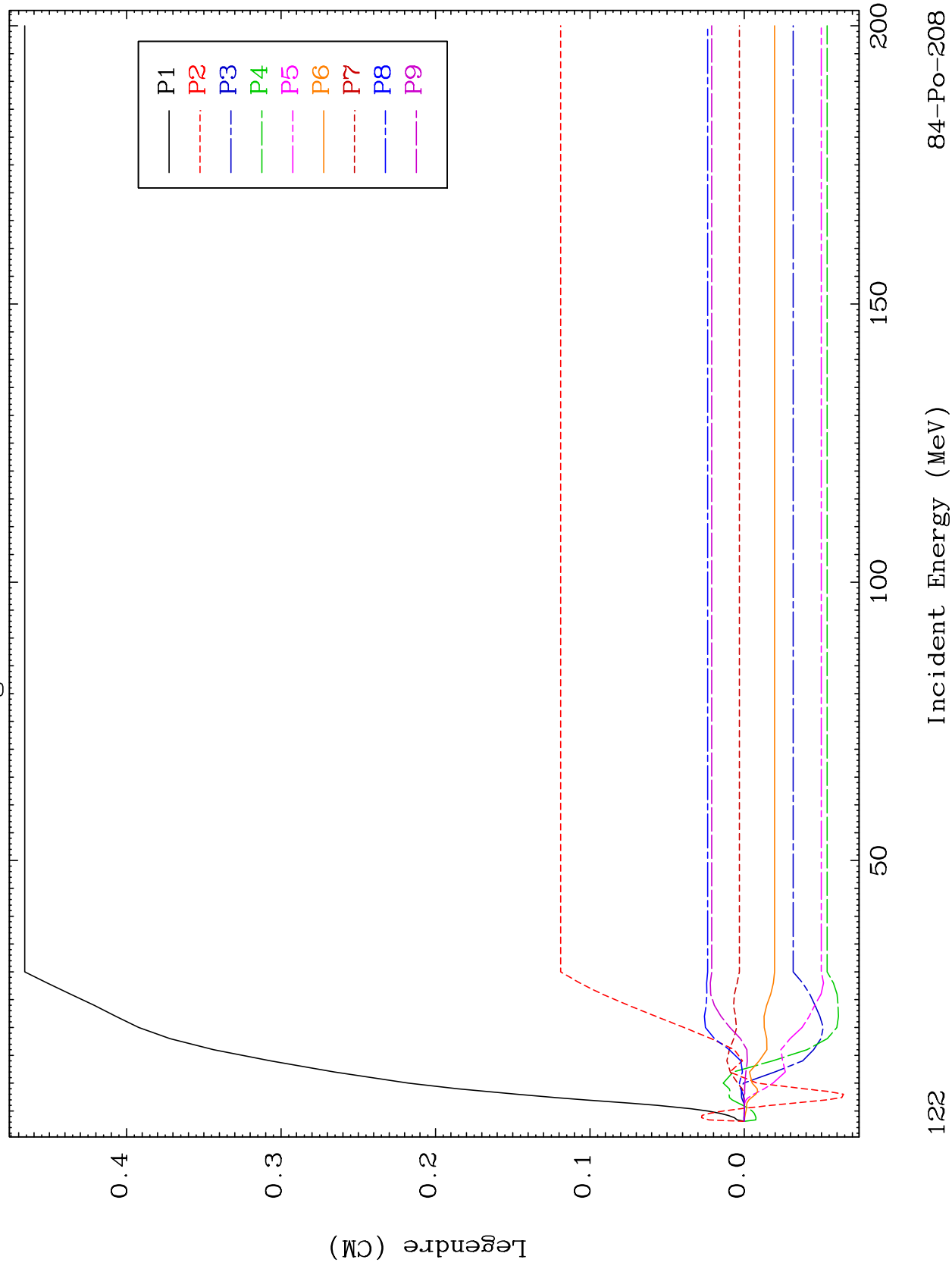




MAT 8431

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

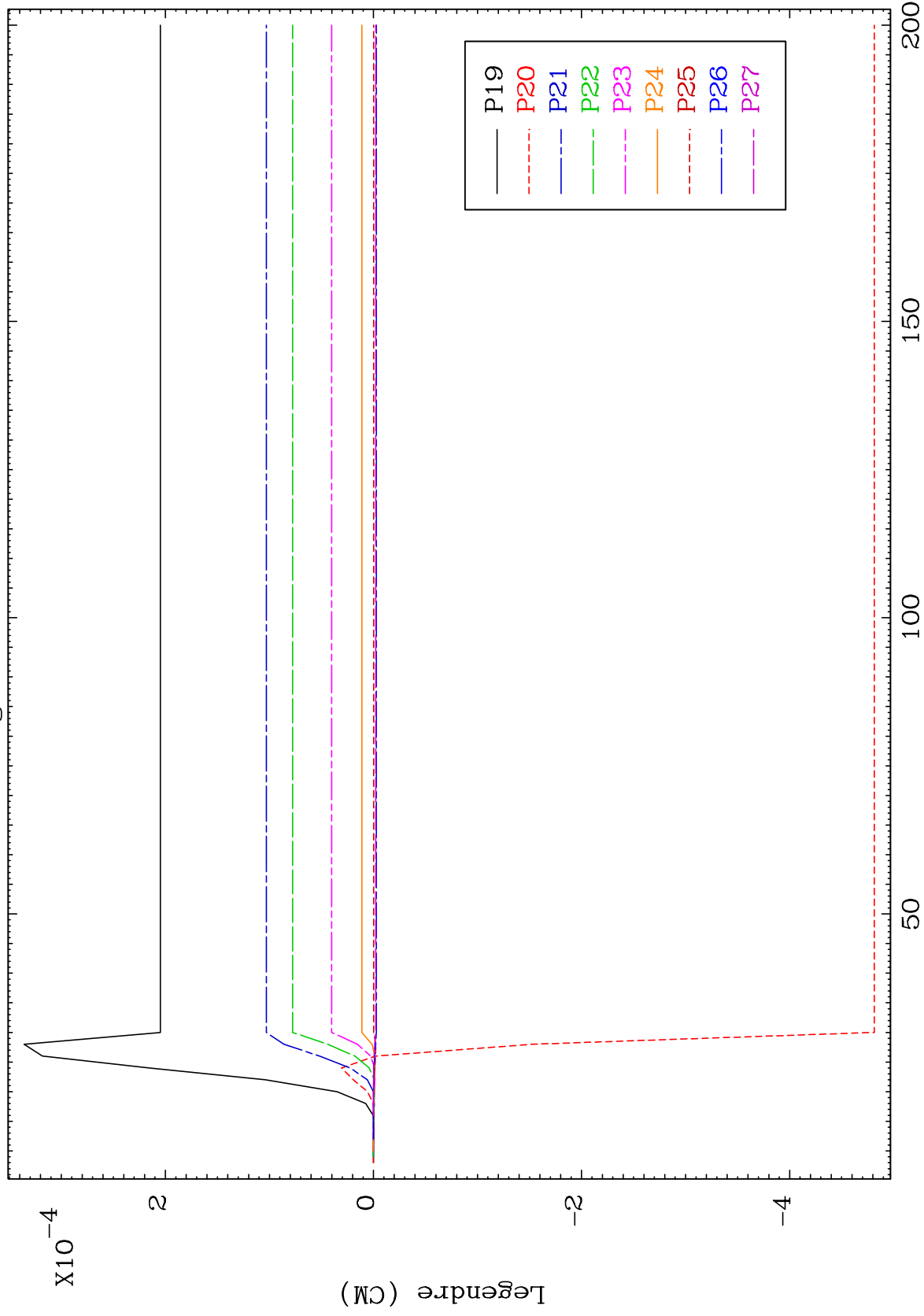
84-Po-208



MAT 8431

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

84-Po-208



124

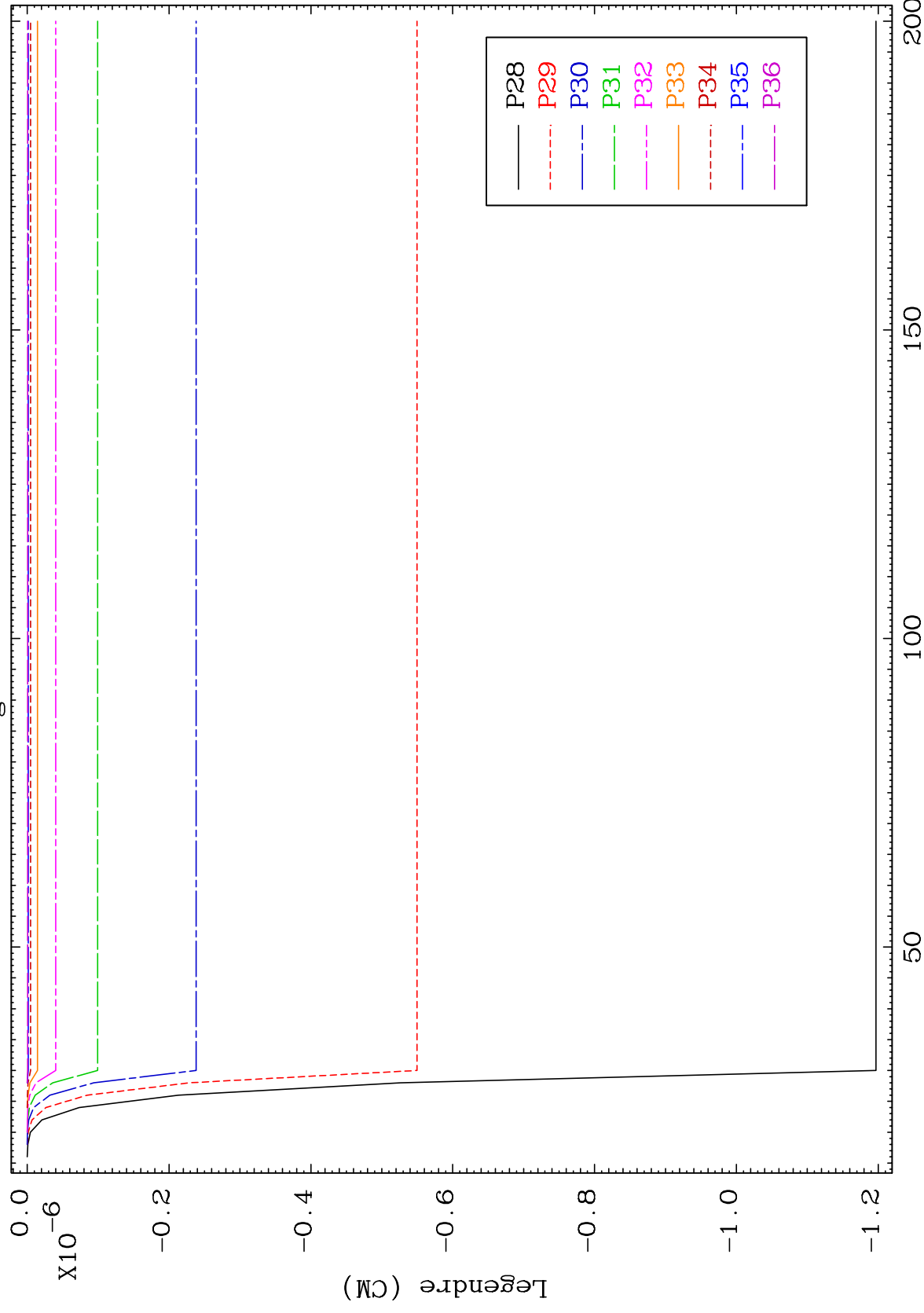
Incident Energy (MeV)

84-Po-208

MAT 8431

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

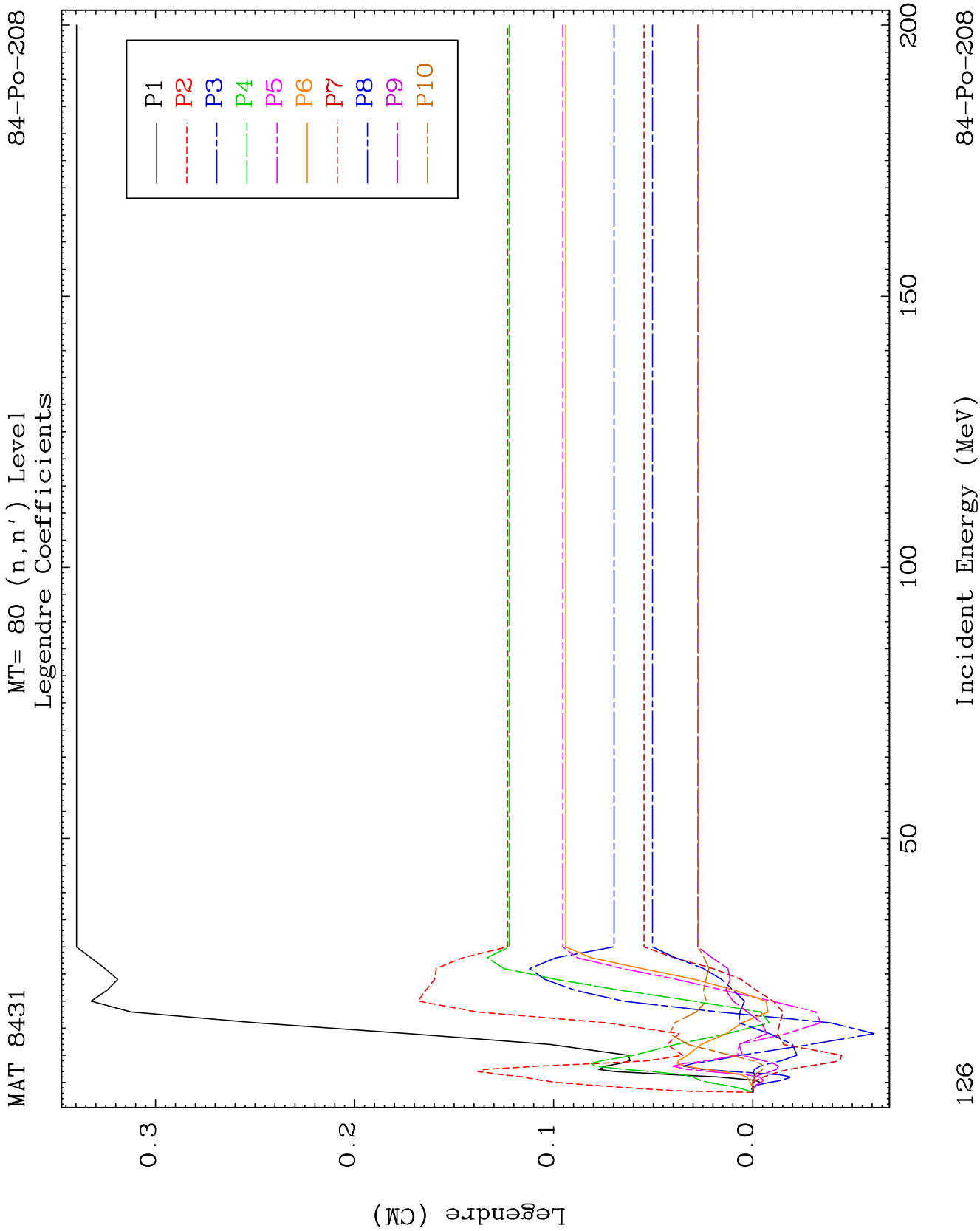
84-Po-208

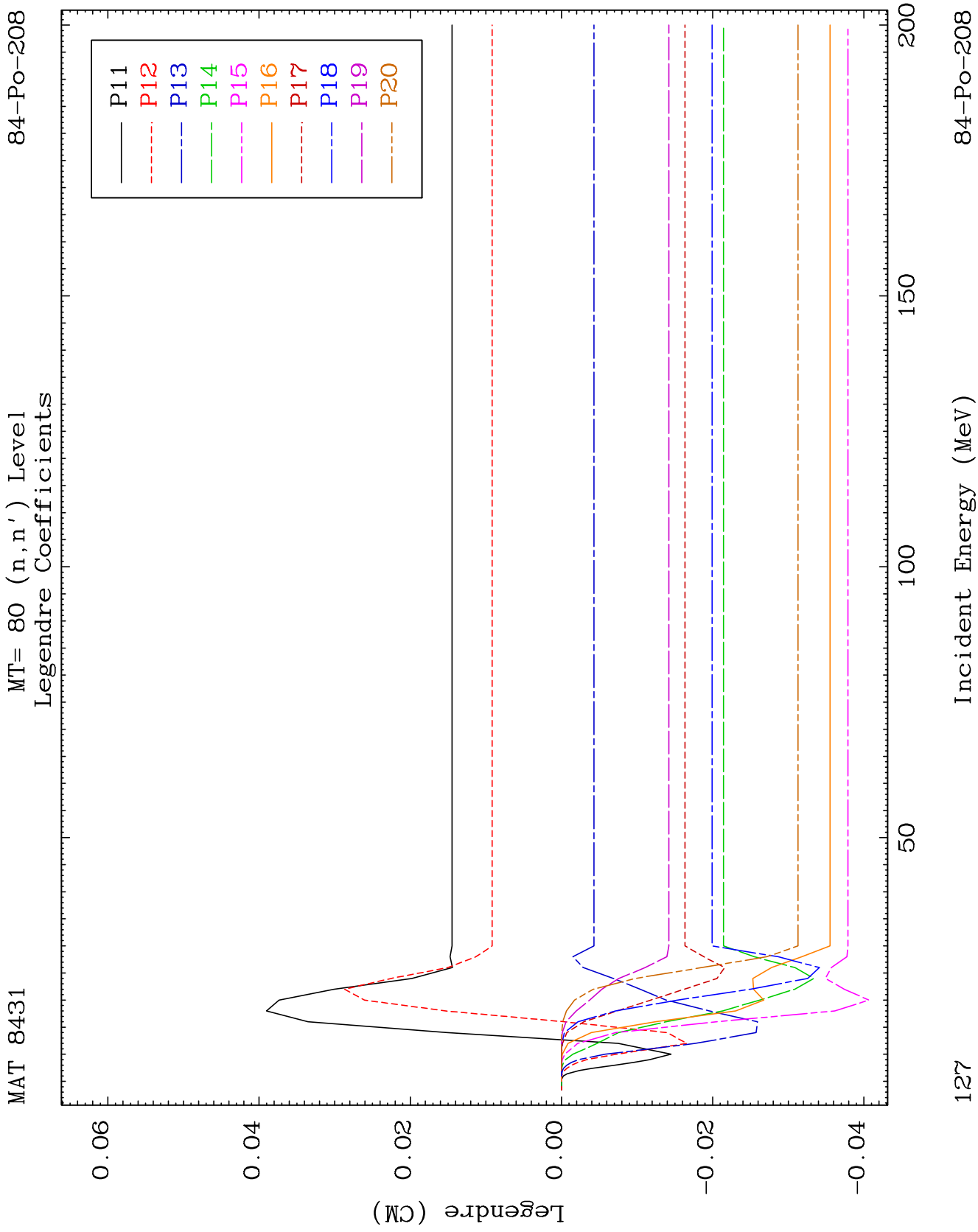


125

Incident Energy (MeV)

84-Po-208

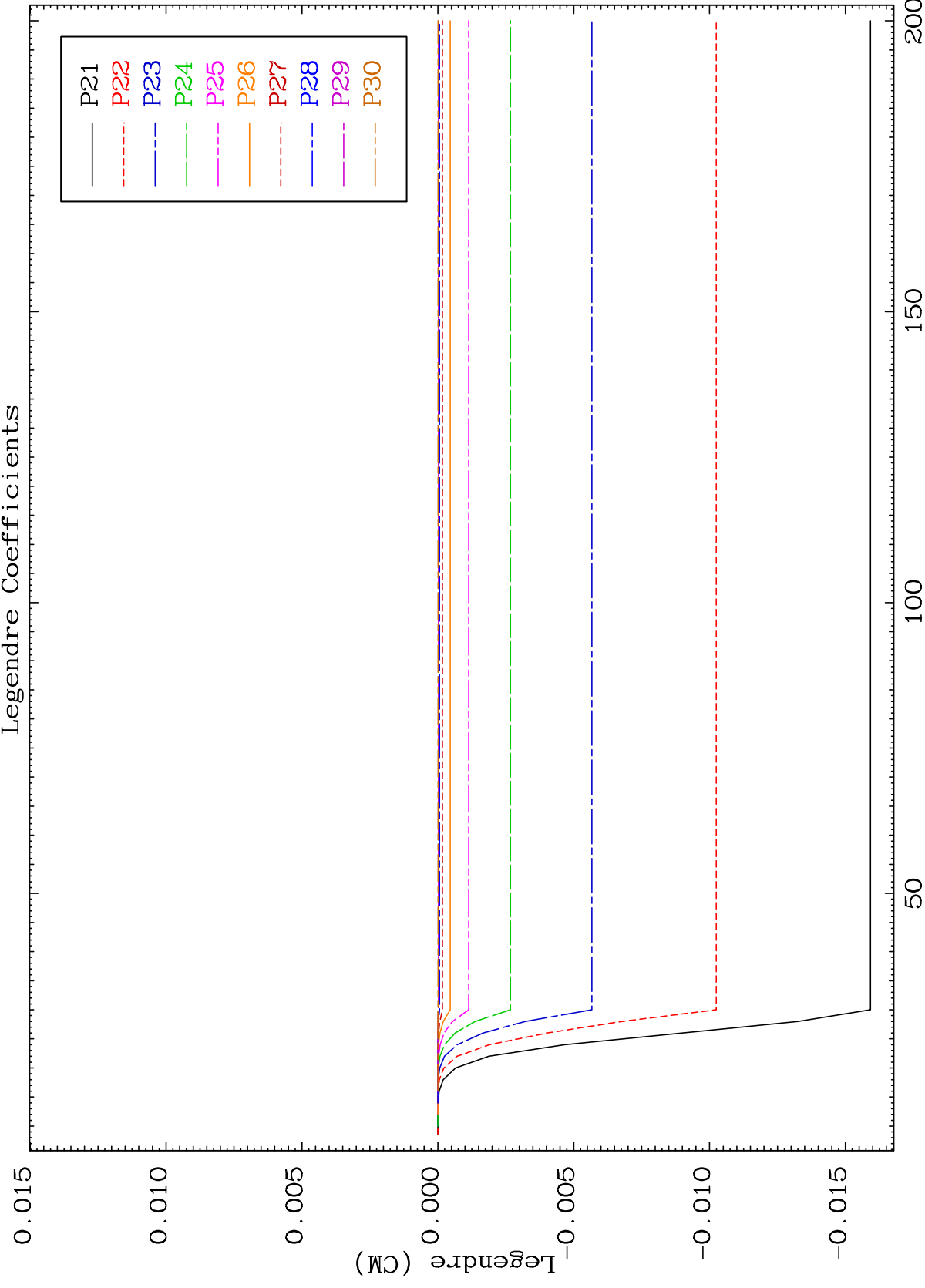




MAT 8431

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

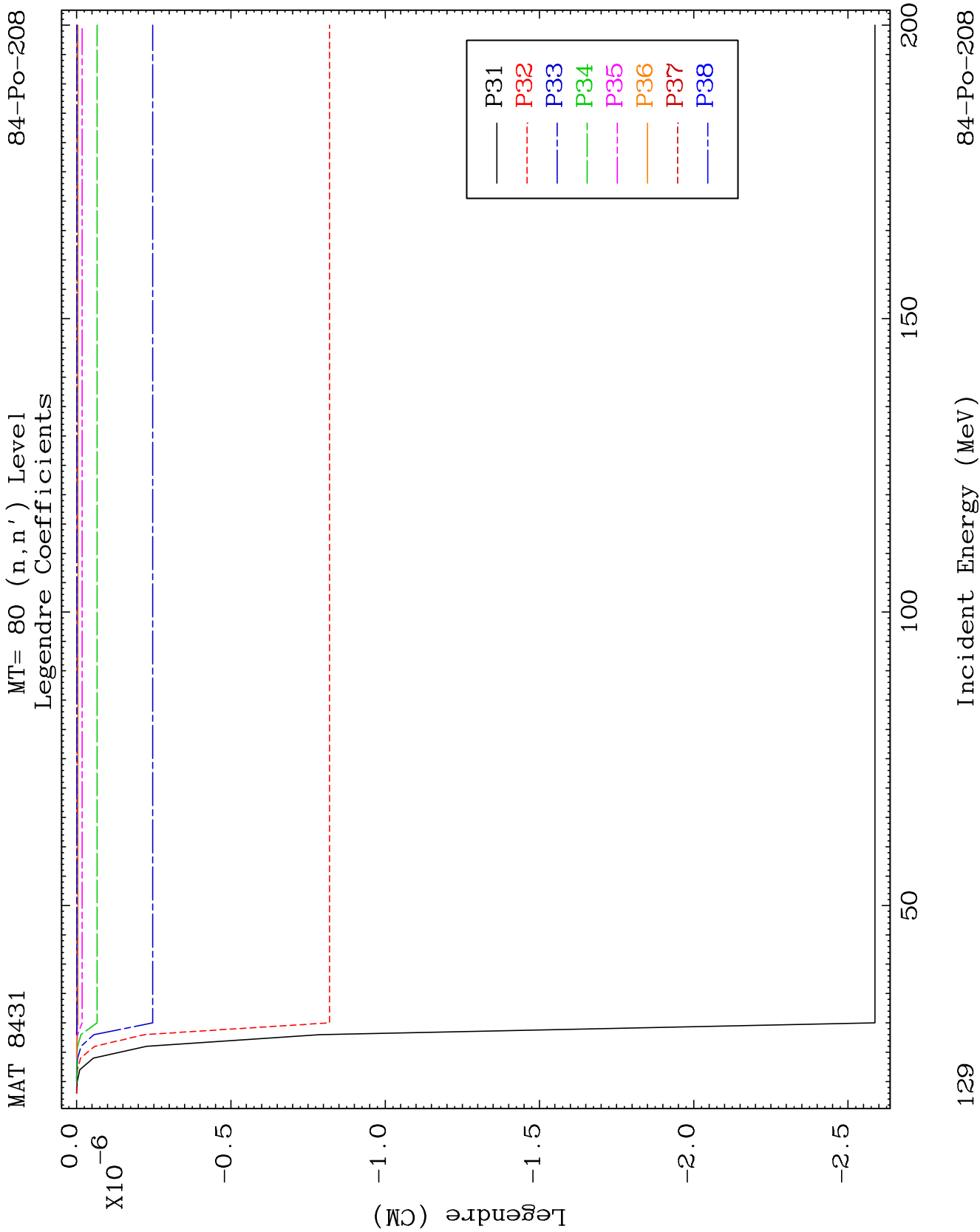
84-Po-208



128

Incident Energy (MeV)

84-Po-208

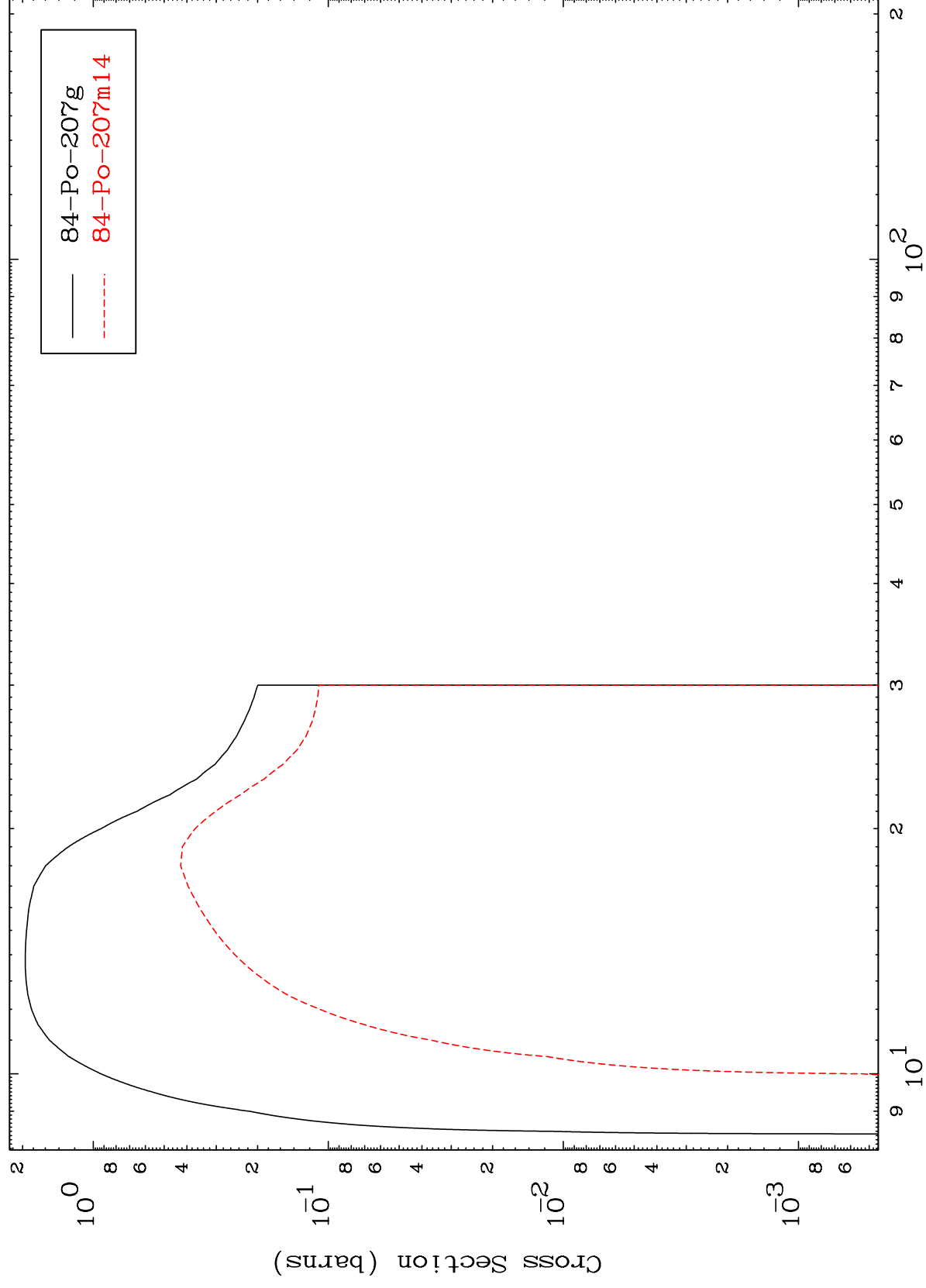


MAT 8431

84-Po-208

$$(n, 2n)$$

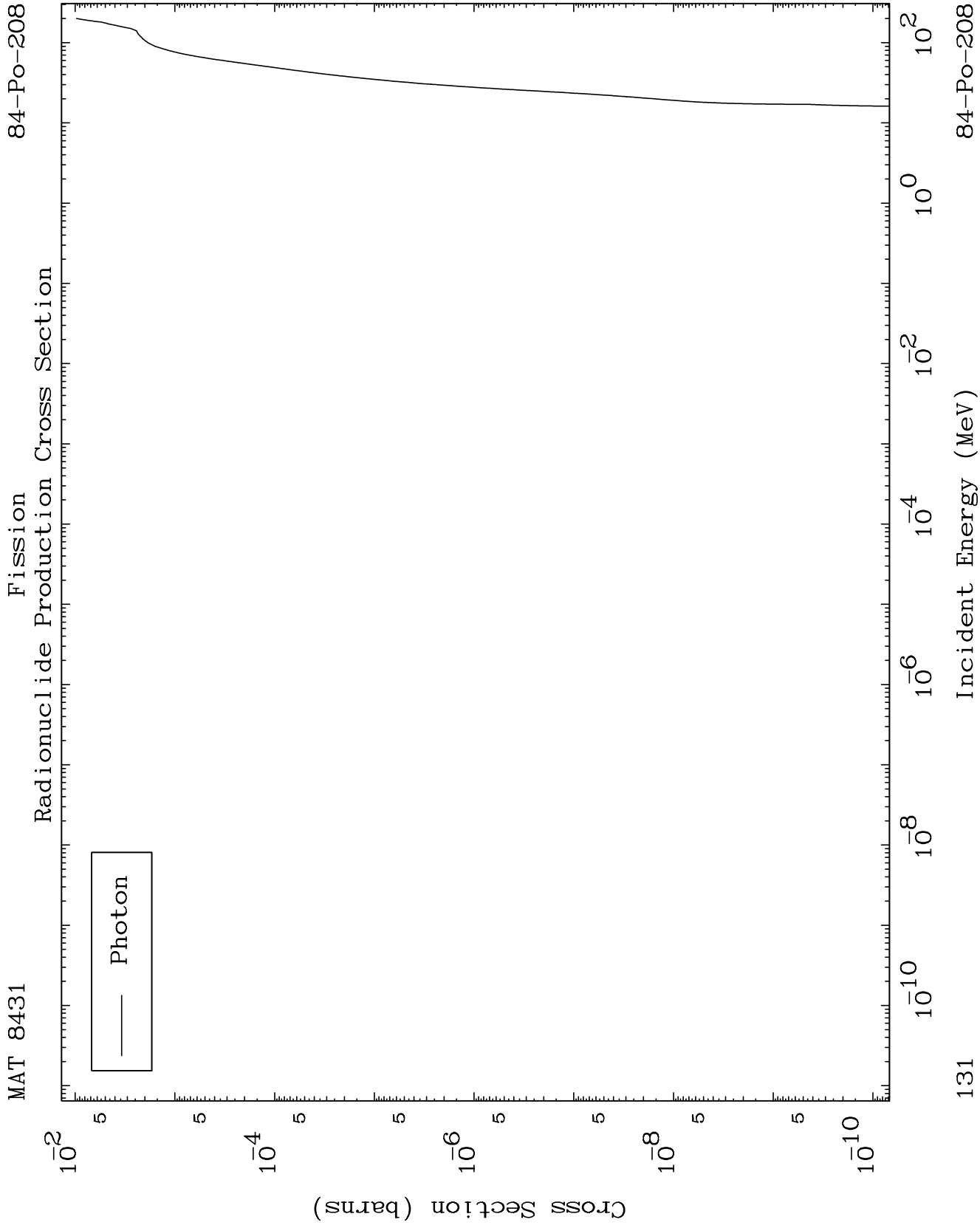
Radionuclide Production Cross Section

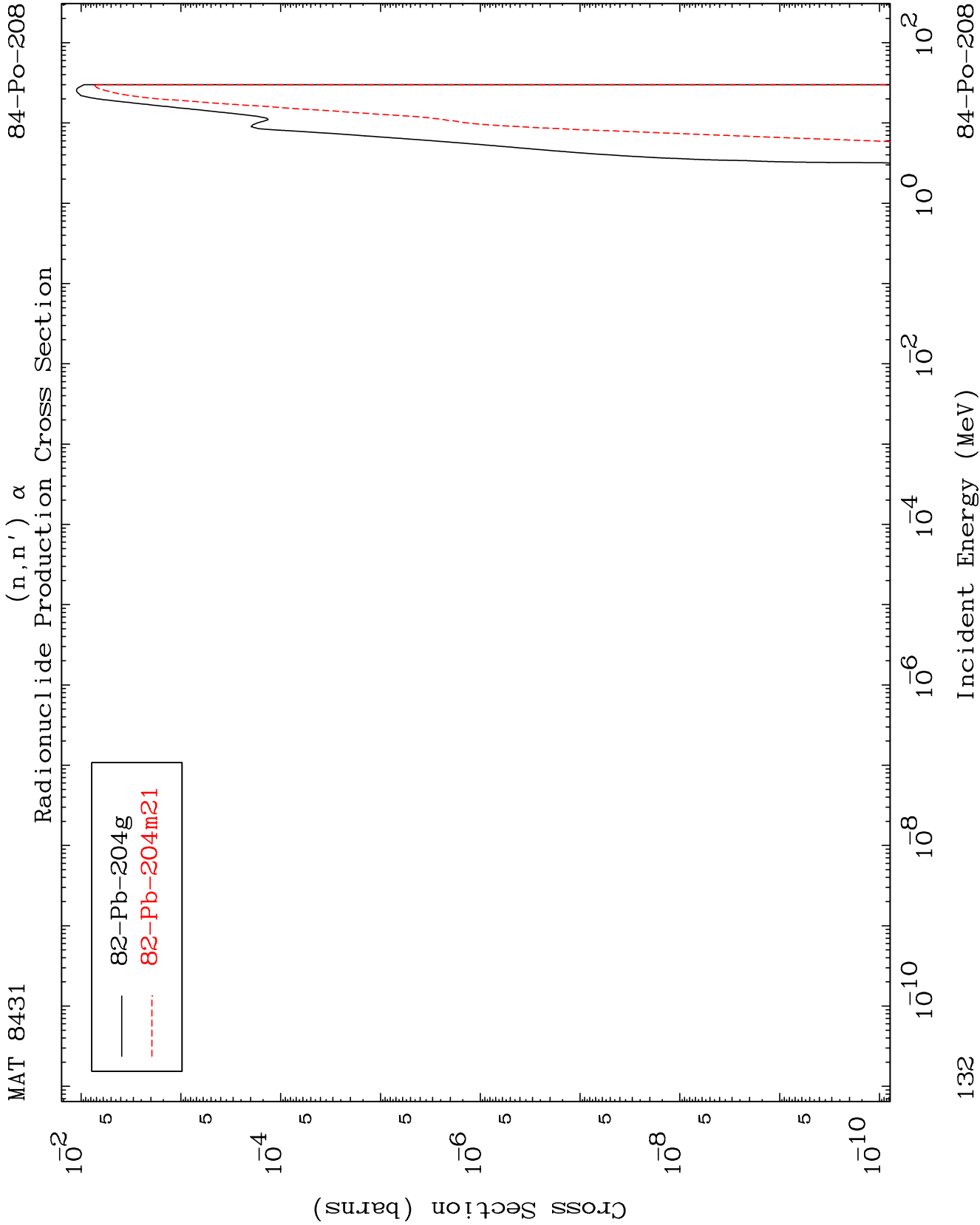


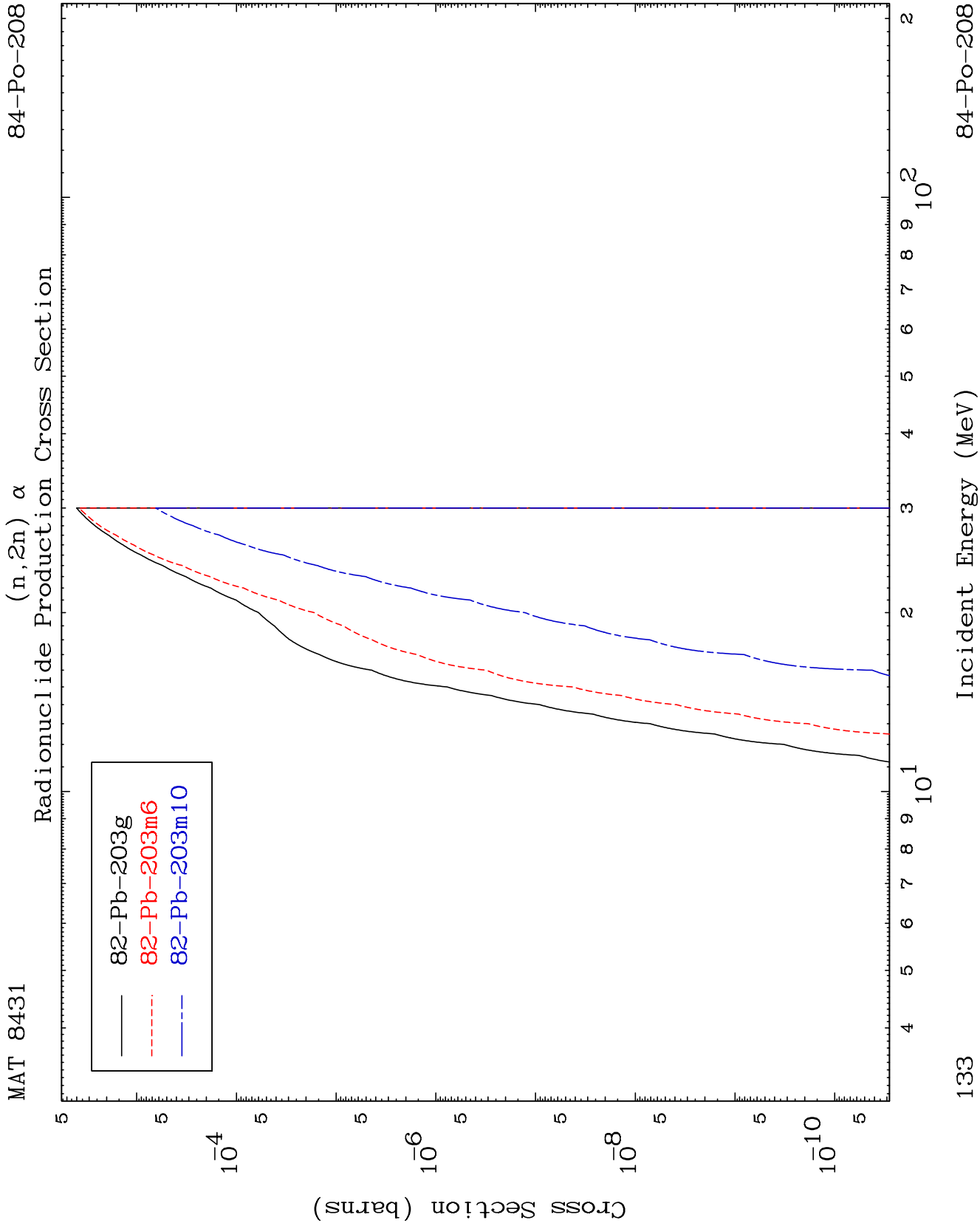
130

Incident Energy (MeV)

84-Po-208





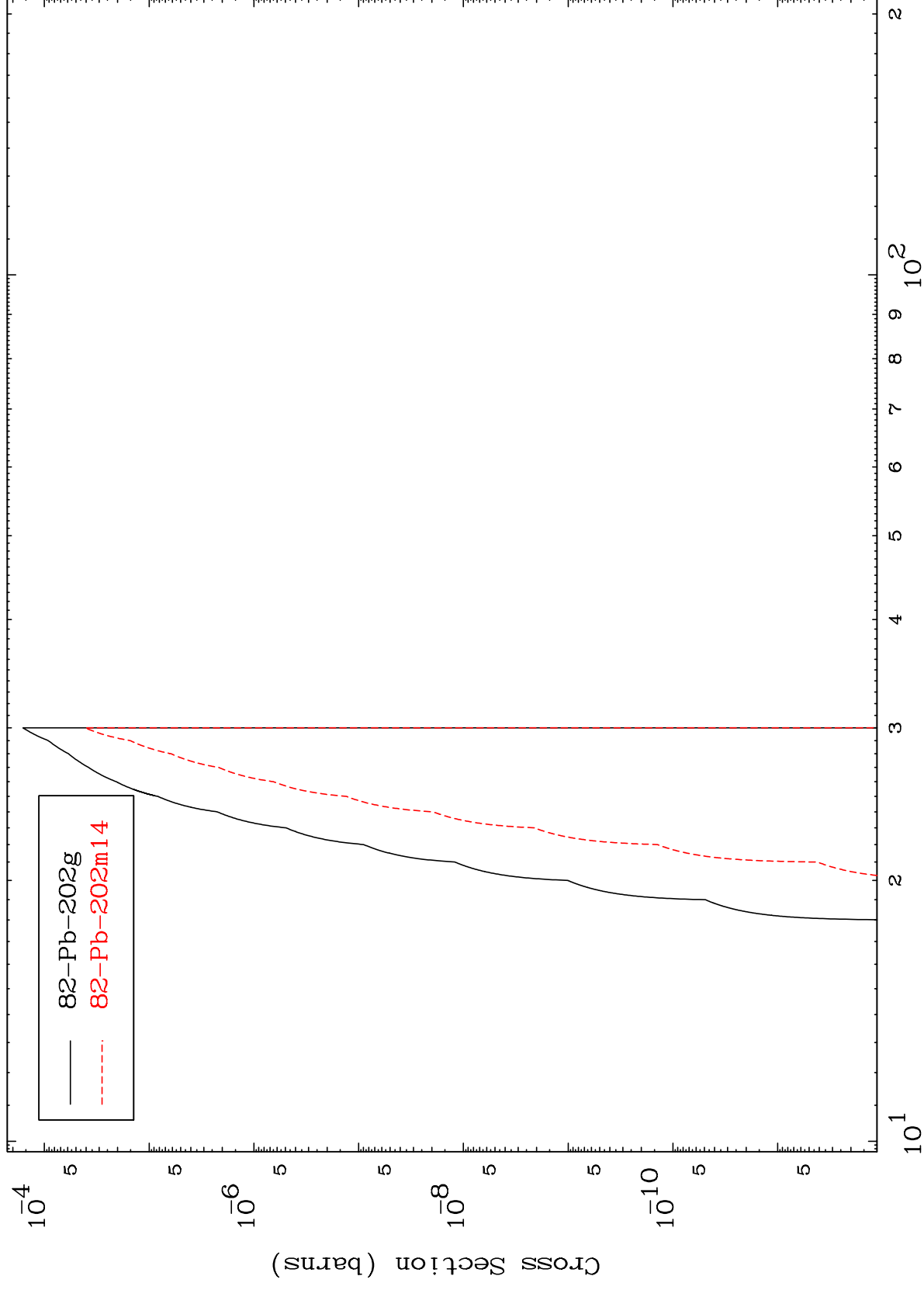


MAT 8431

$$(n, 3n) \propto$$

84-Po-208

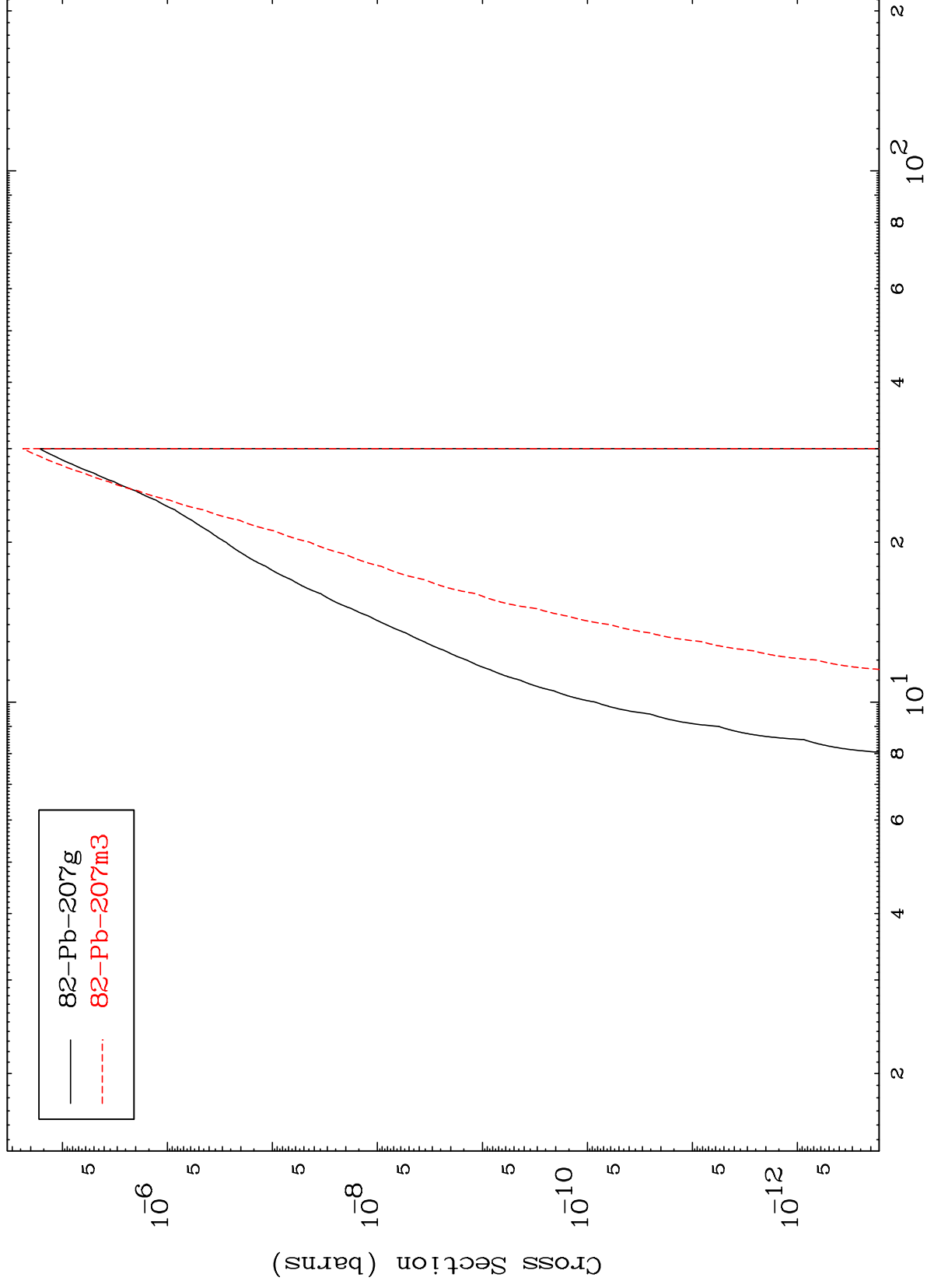
Radionuclide Production Cross Section



MAT 8431

84-Po-208

Radionuclide Production Cross Section
(n,2p)



135

Incident Energy (MeV)

84-Po-208