

Program EVALPLOT
(Version 2021-1)

by

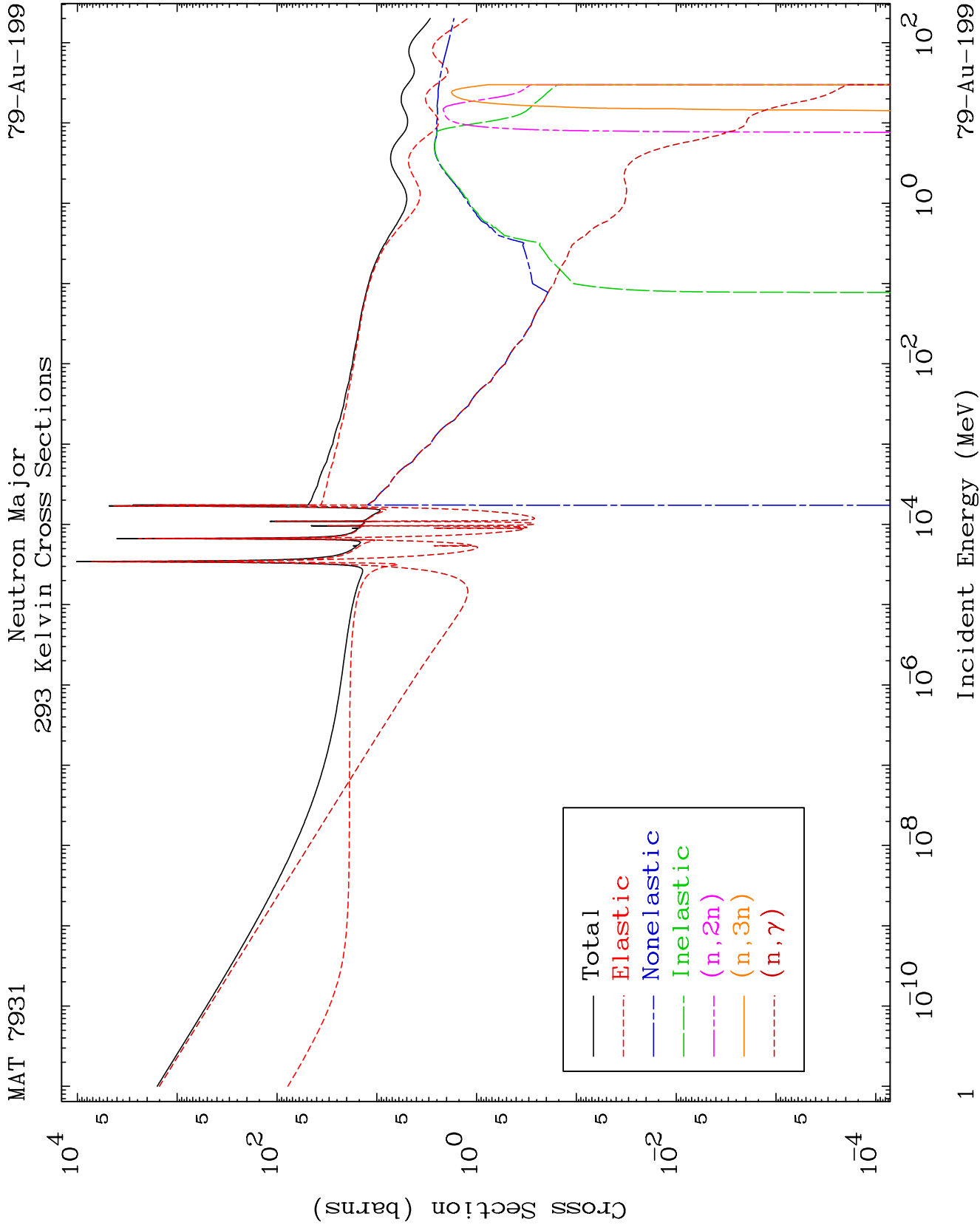
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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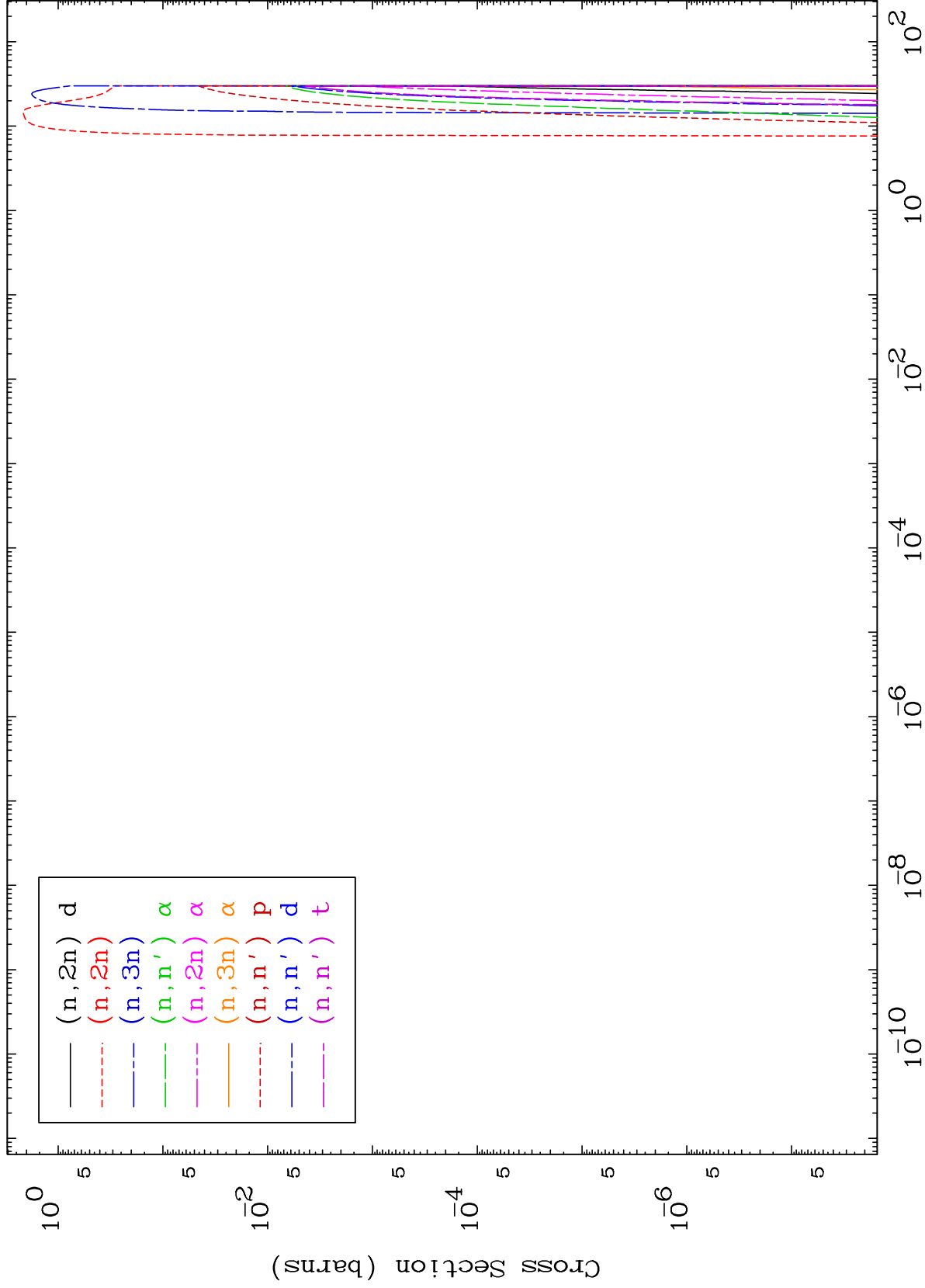
Press Mouse Button to Start

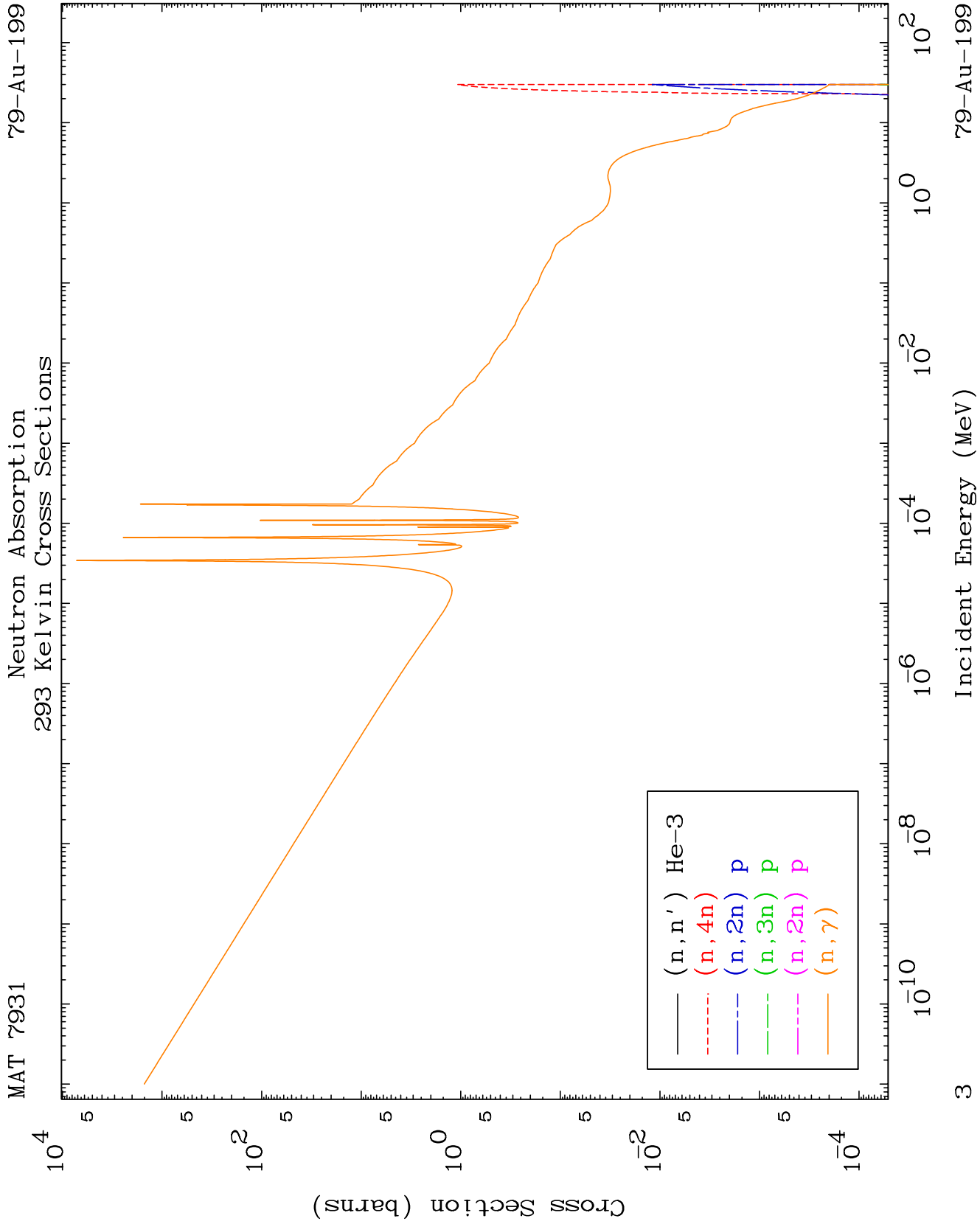


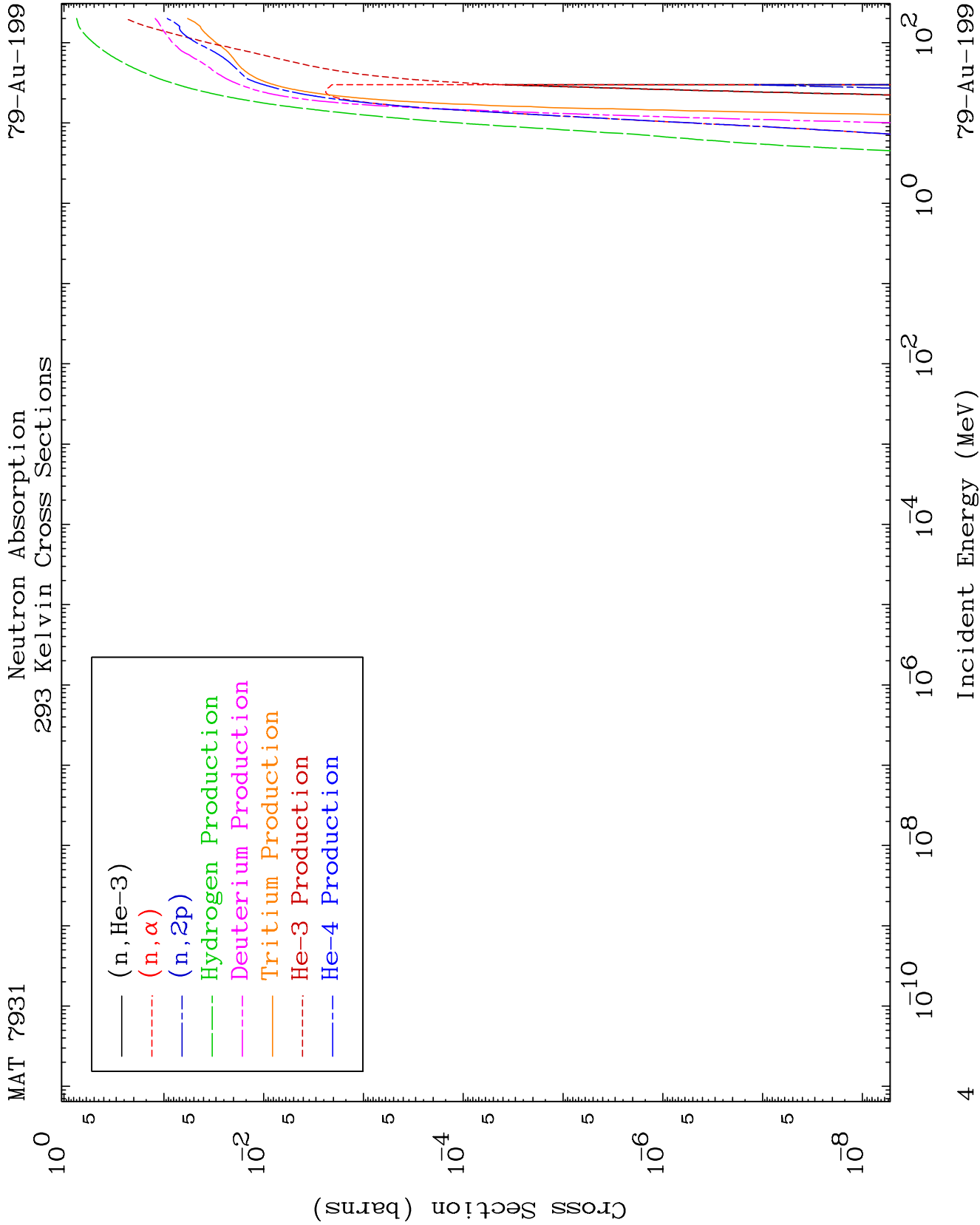
MAT 7931

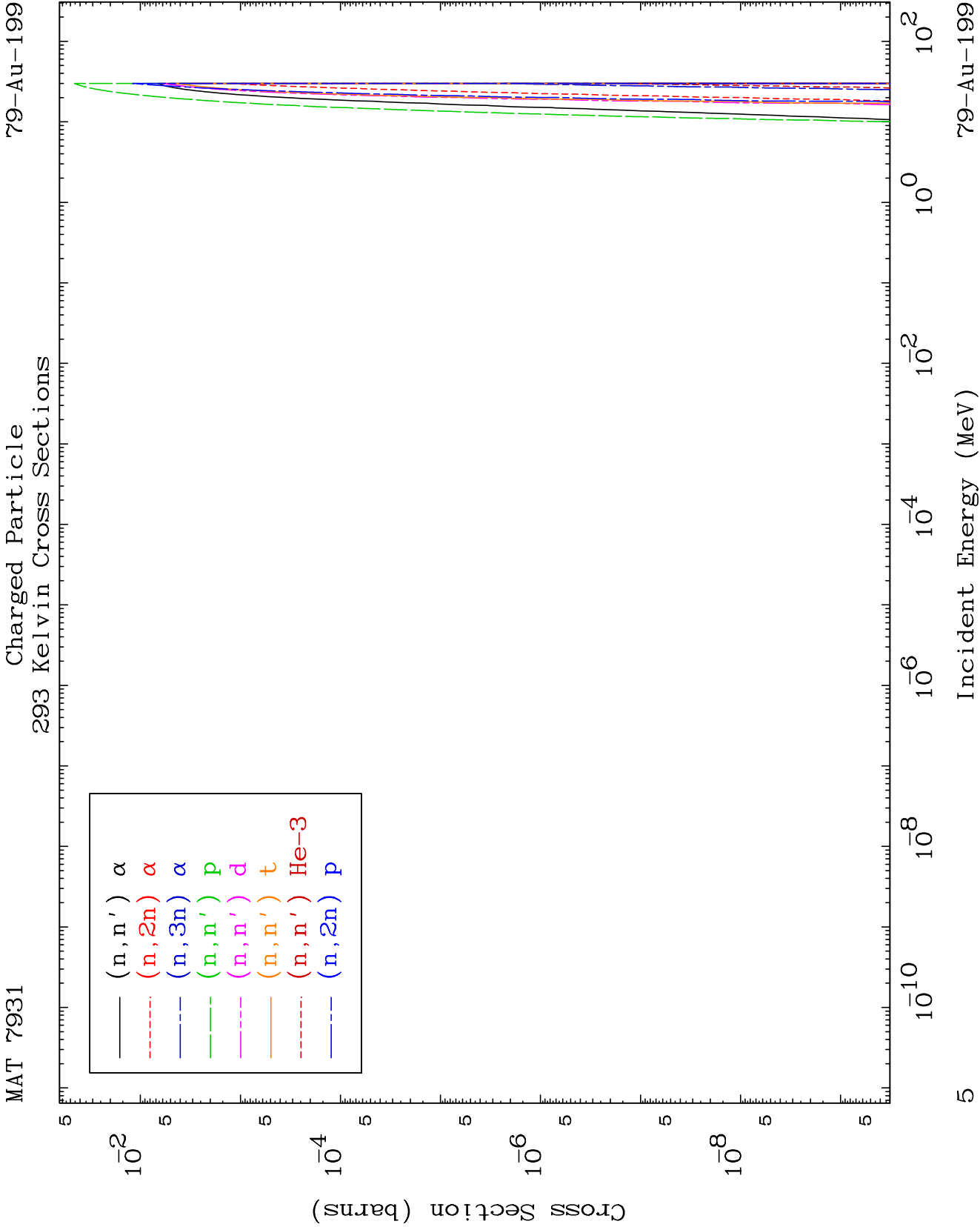
Neutron Absorption
293 Kelvin Cross Sections

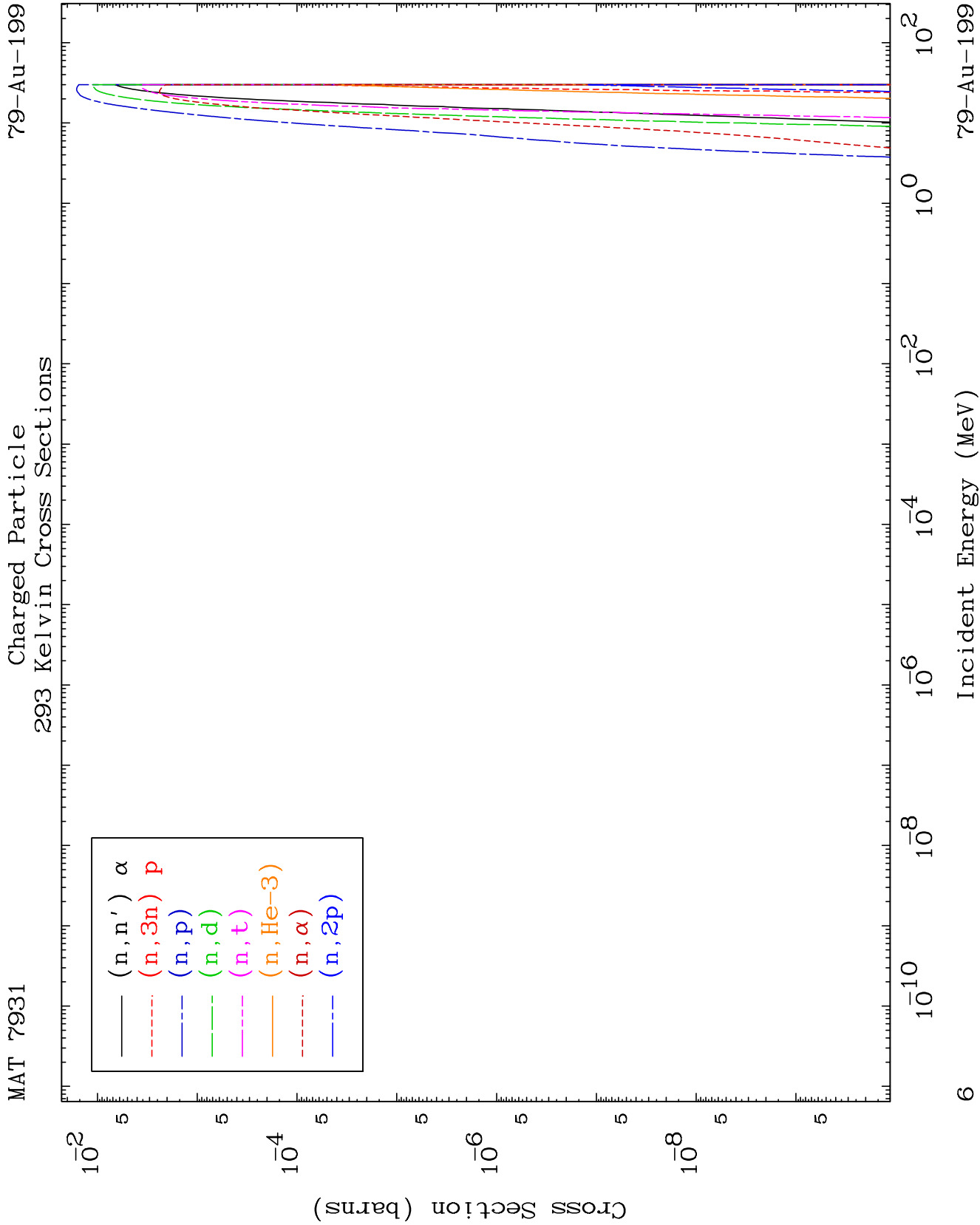
79-Au-199

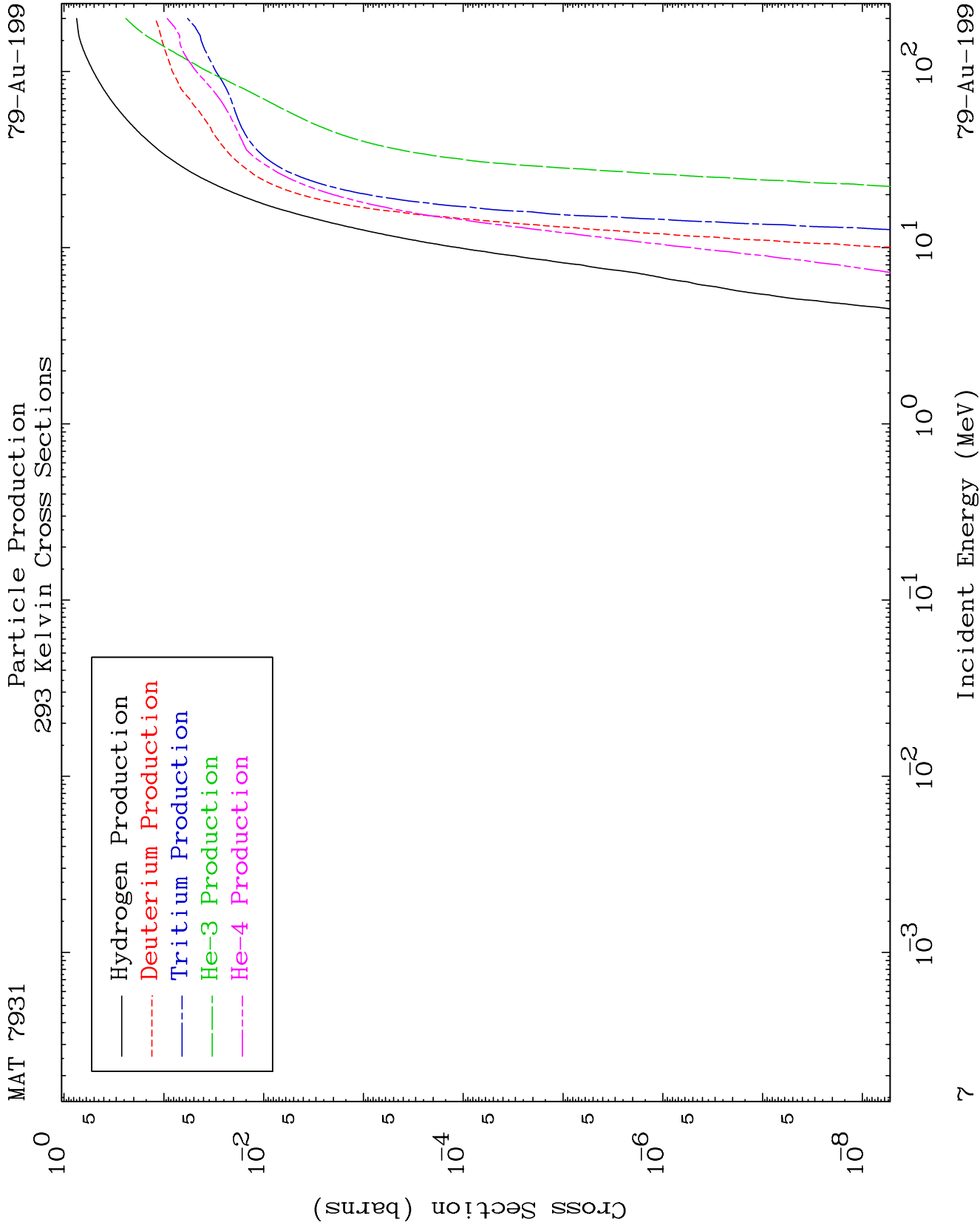


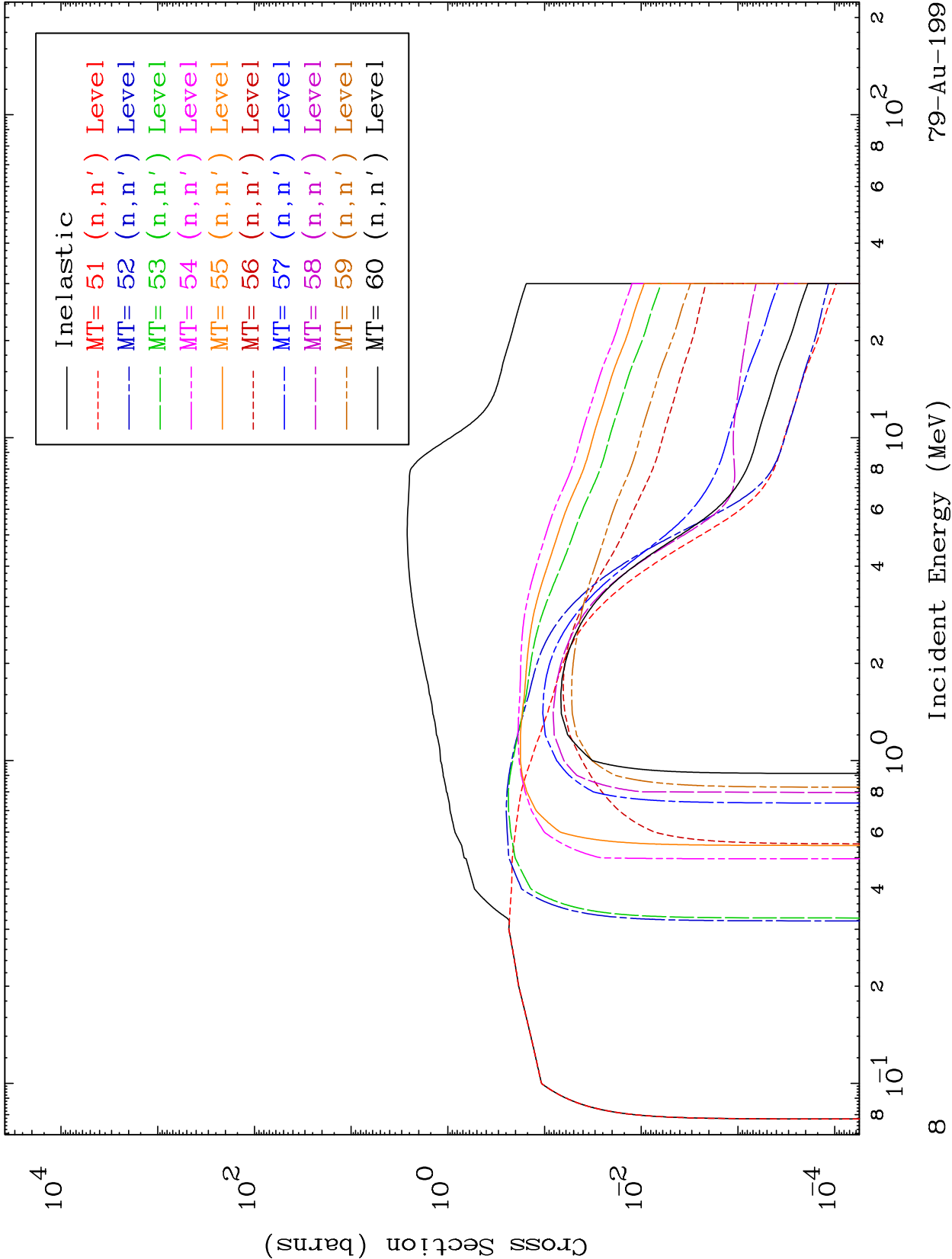


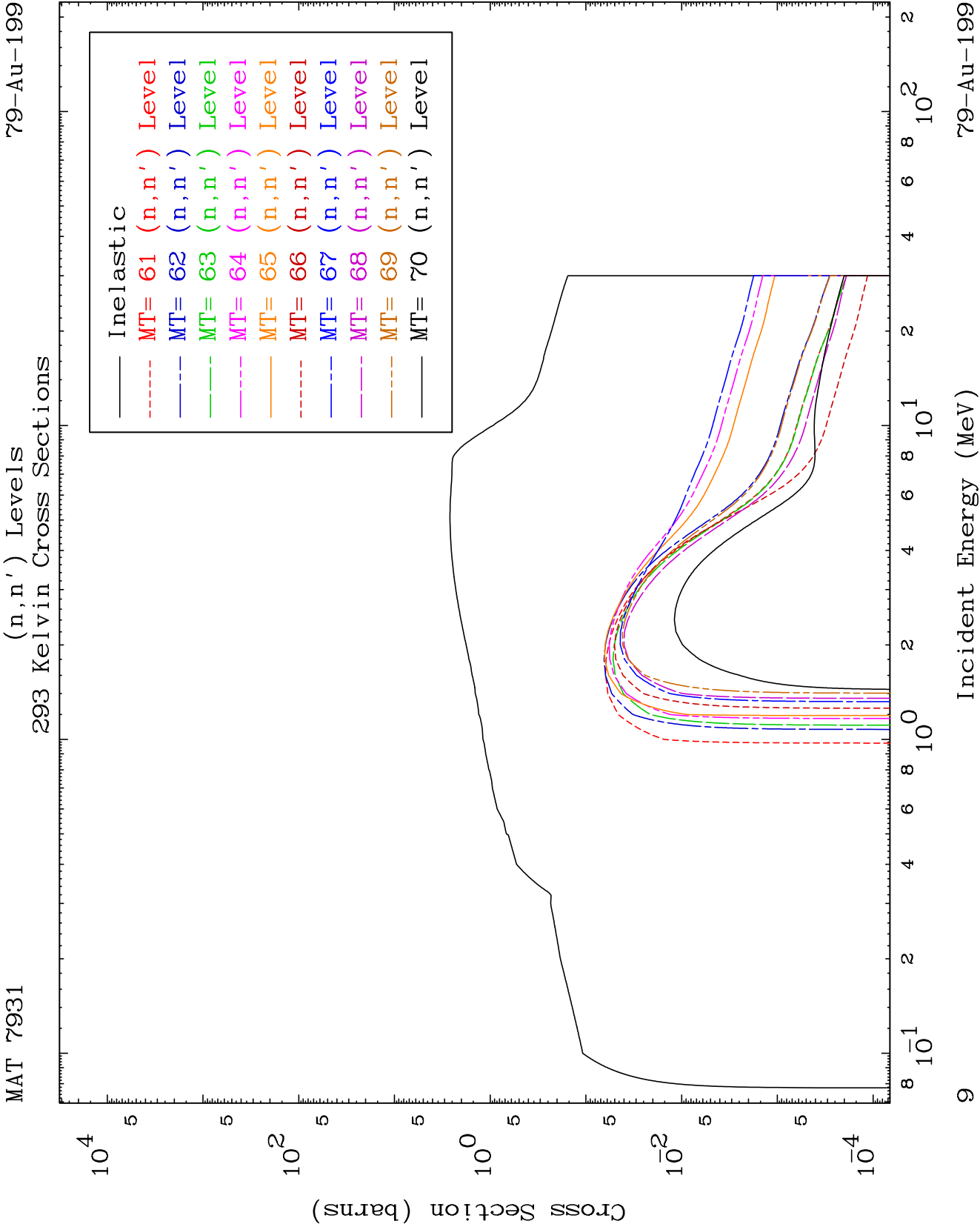










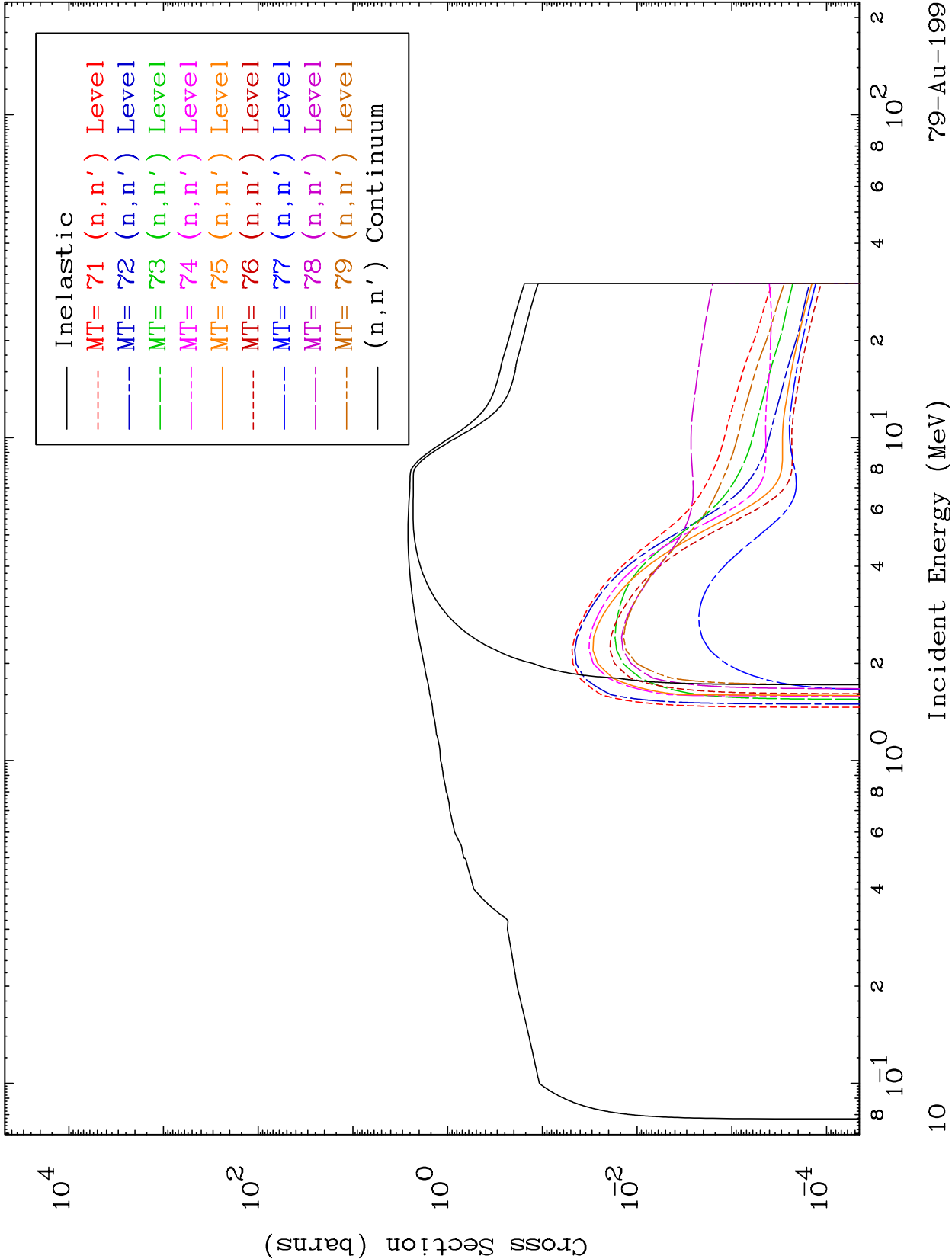


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(n,n') Levels

293 Kelvin Cross Sections

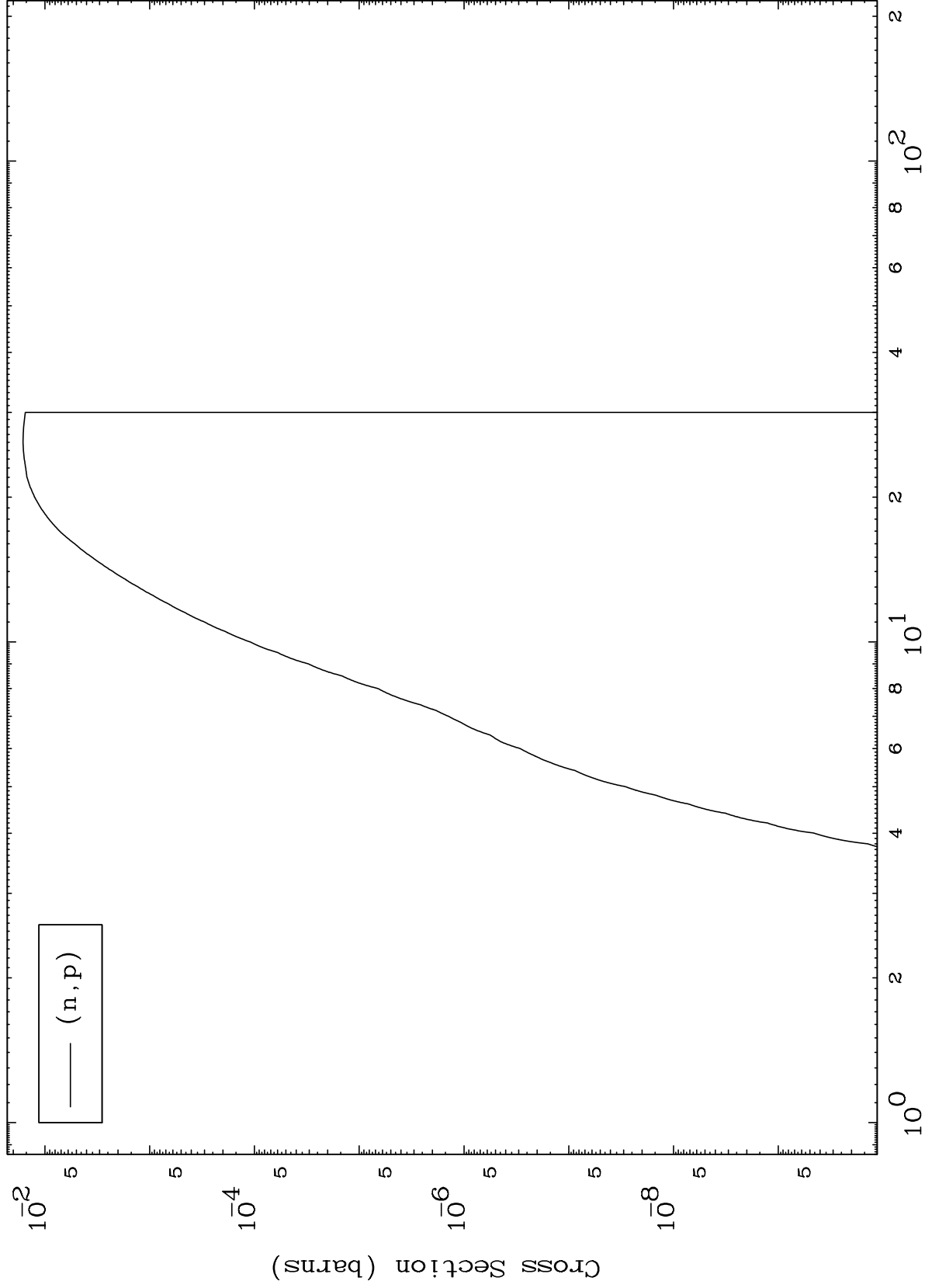
79-Au-199



MAT 7931

79-Au-199

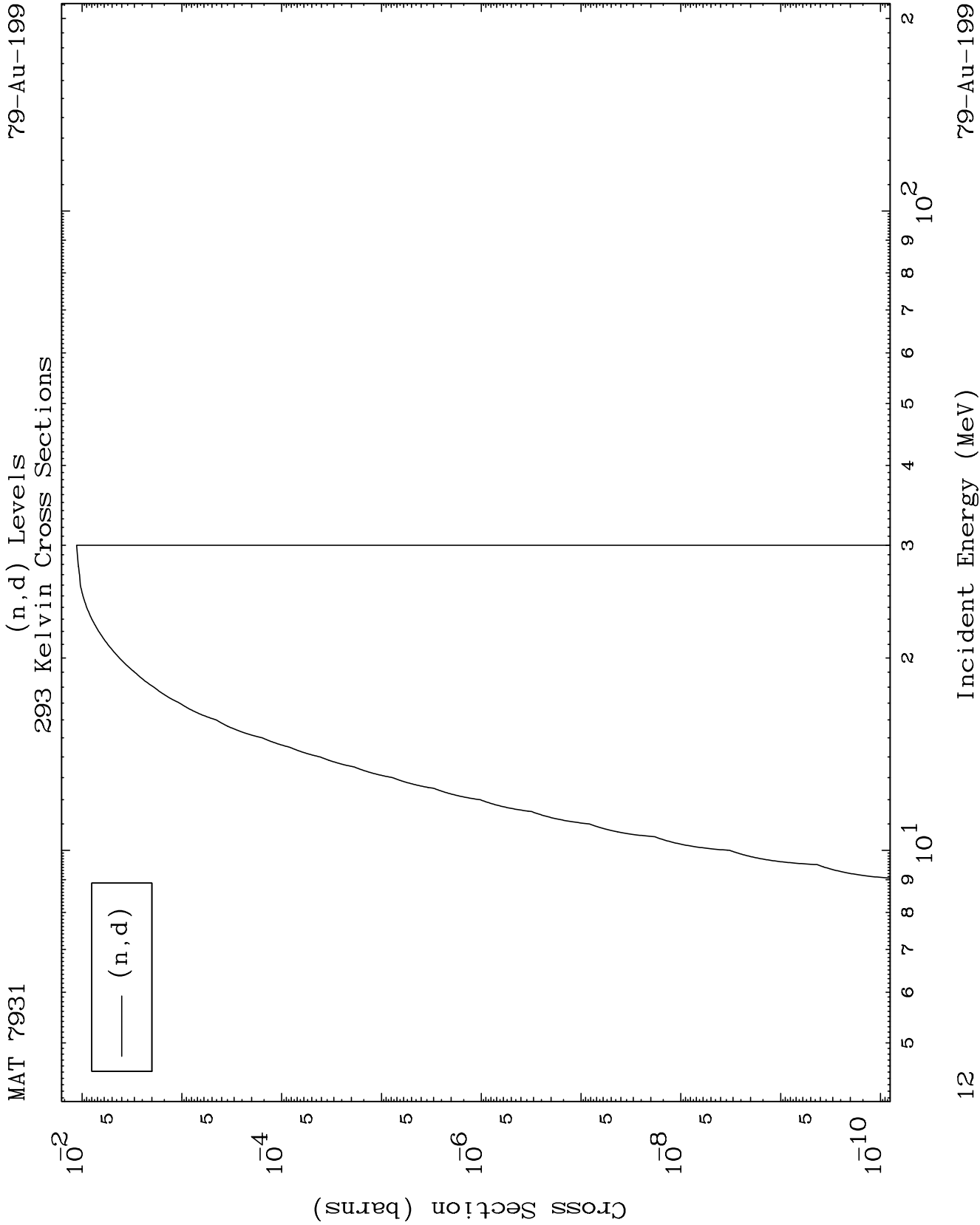
(n,p) Levels
293 Kelvin Cross Sections



79-Au-199

Incident Energy (MeV)

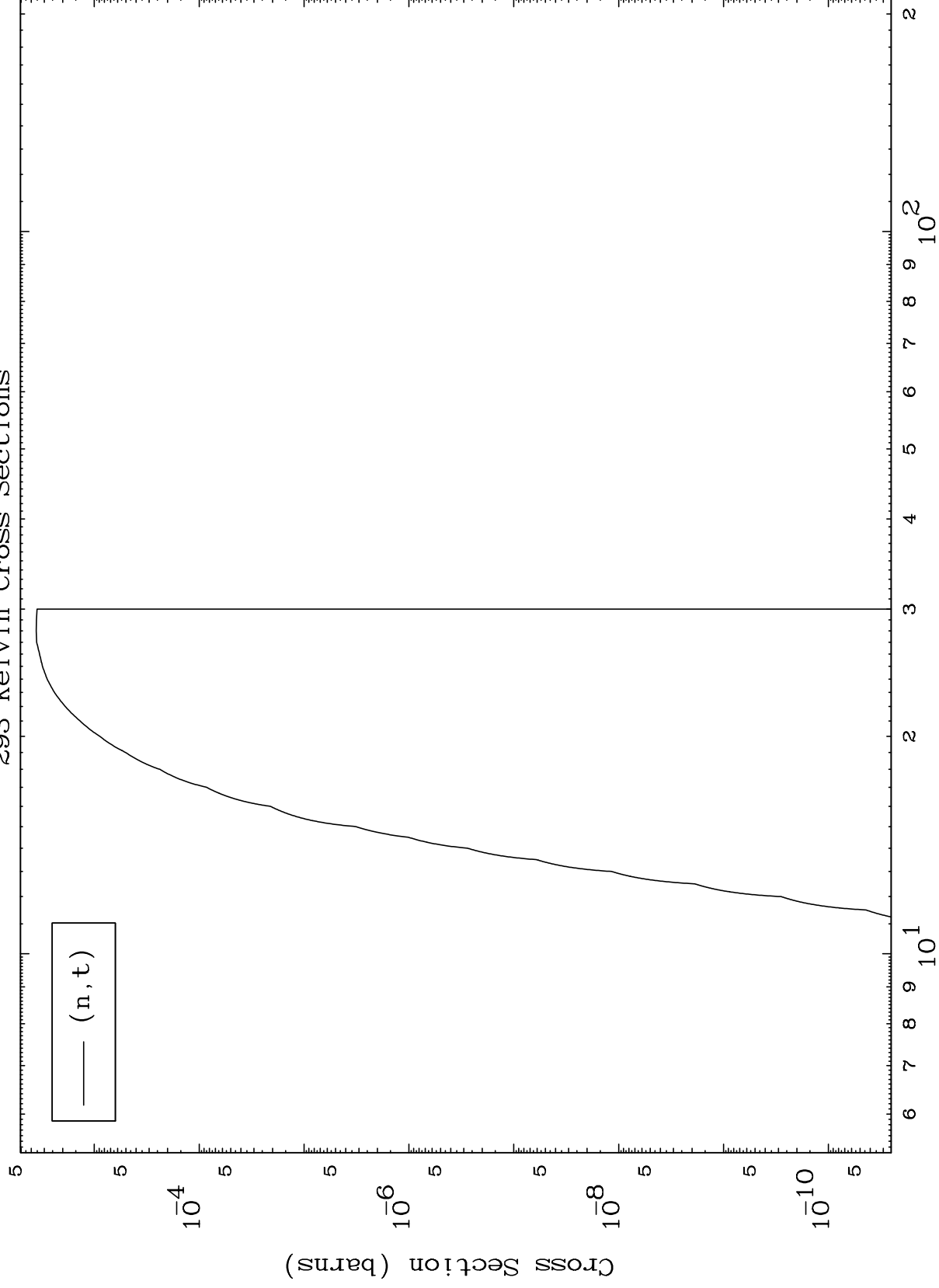
11



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79-Au-199

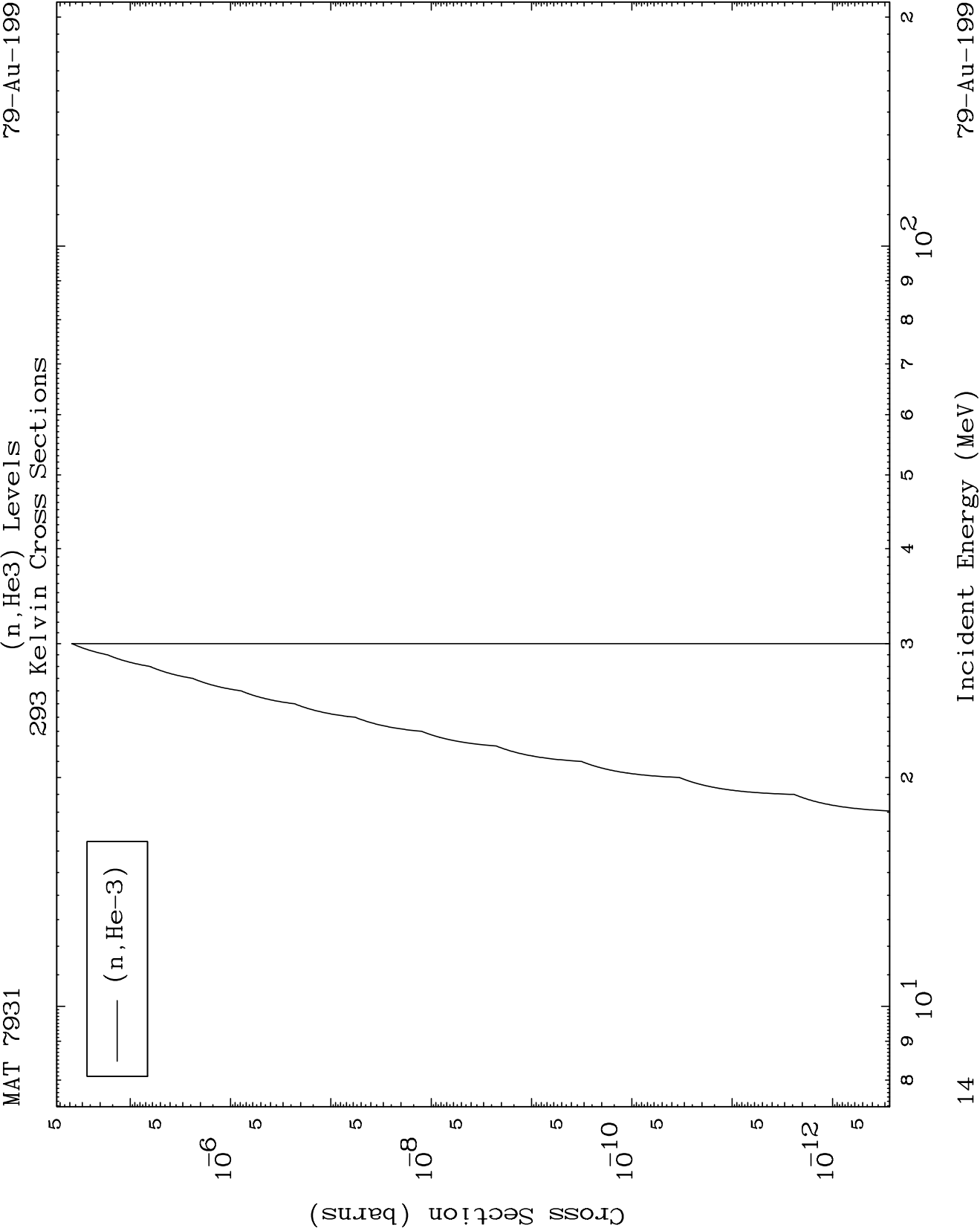
(n,t) Levels
293 Kelvin Cross Sections



79-Au-199

Incident Energy (MeV)

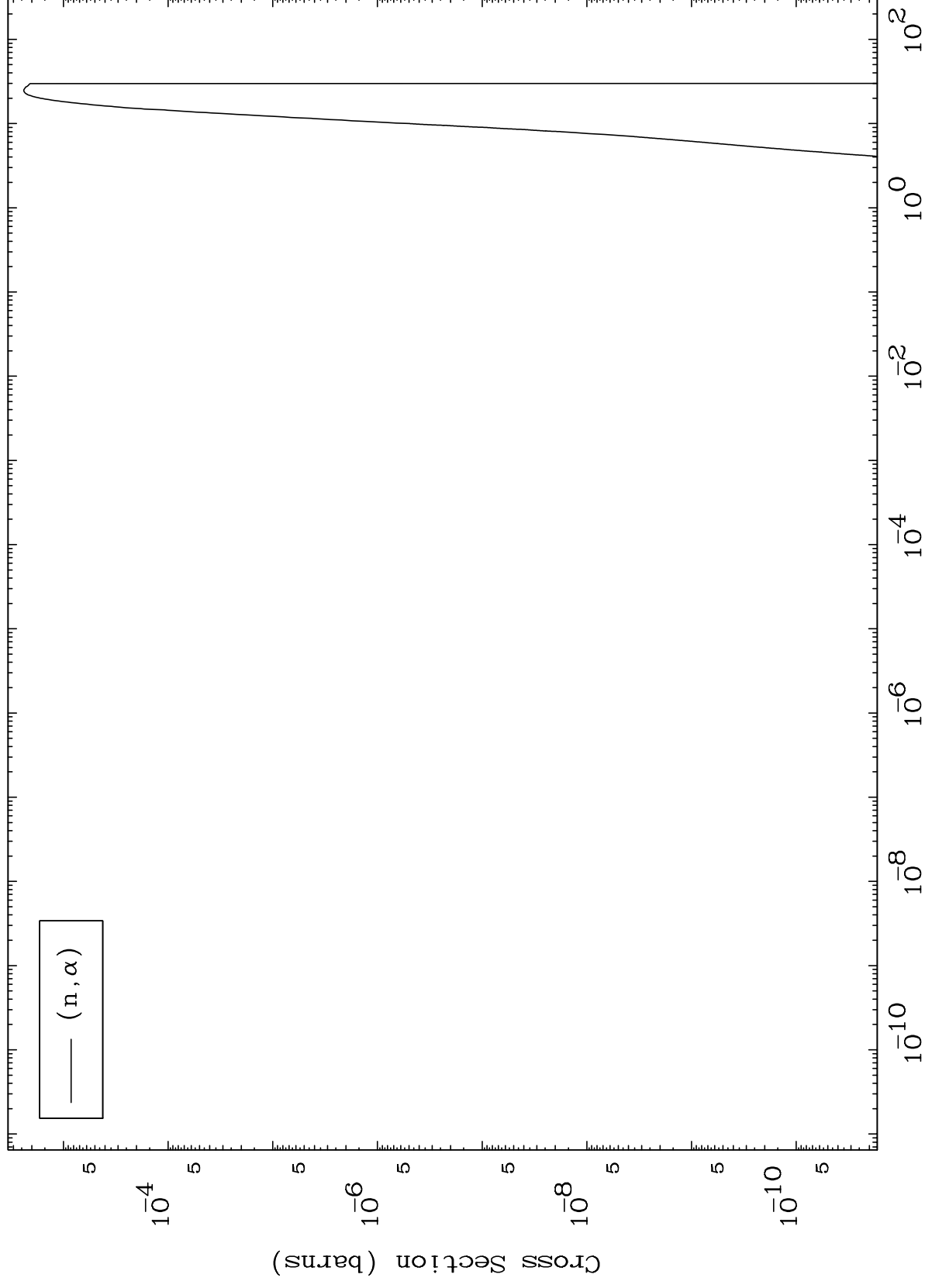
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(n, α) Levels
293 Kelvin Cross Sections

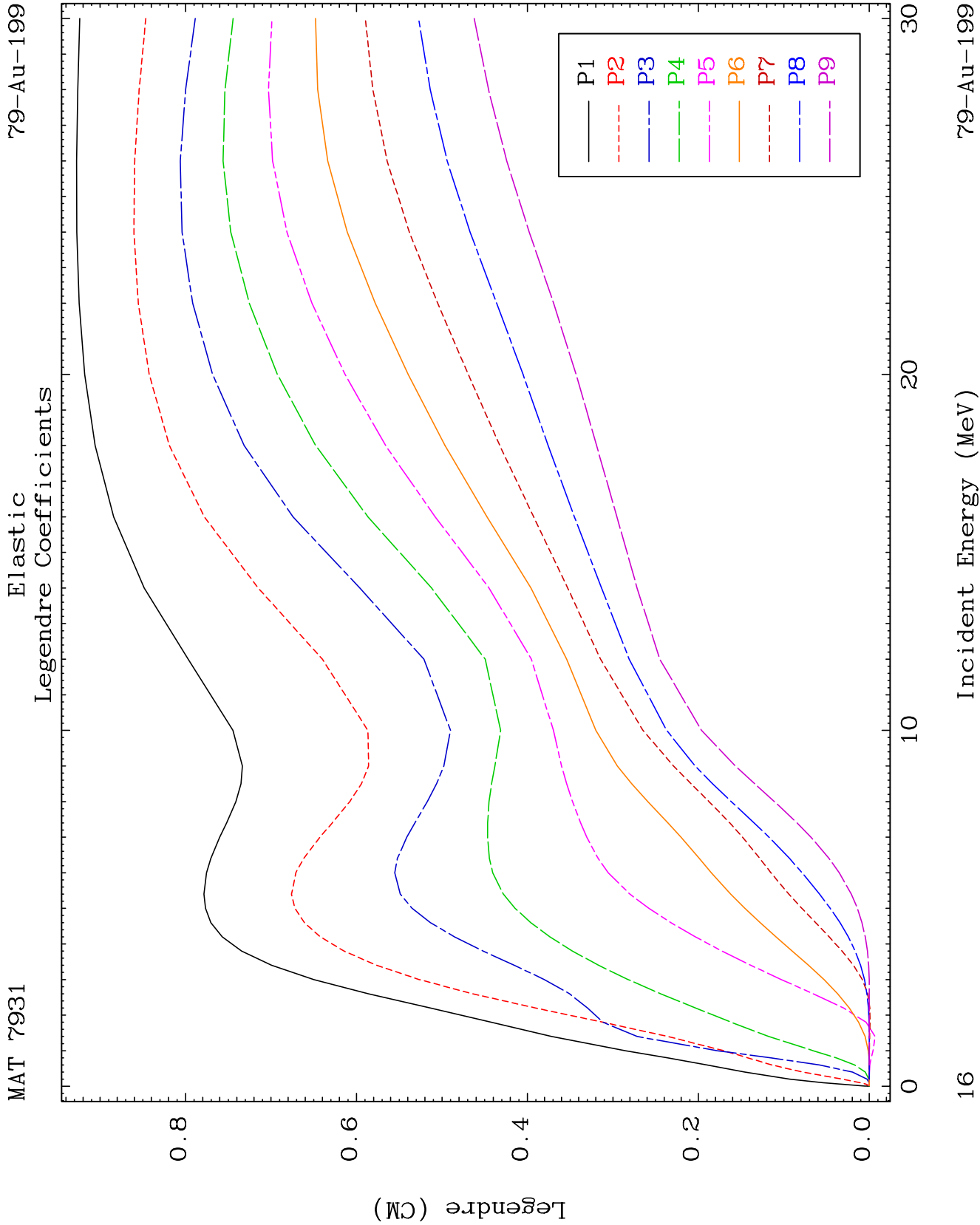
79-Au-199

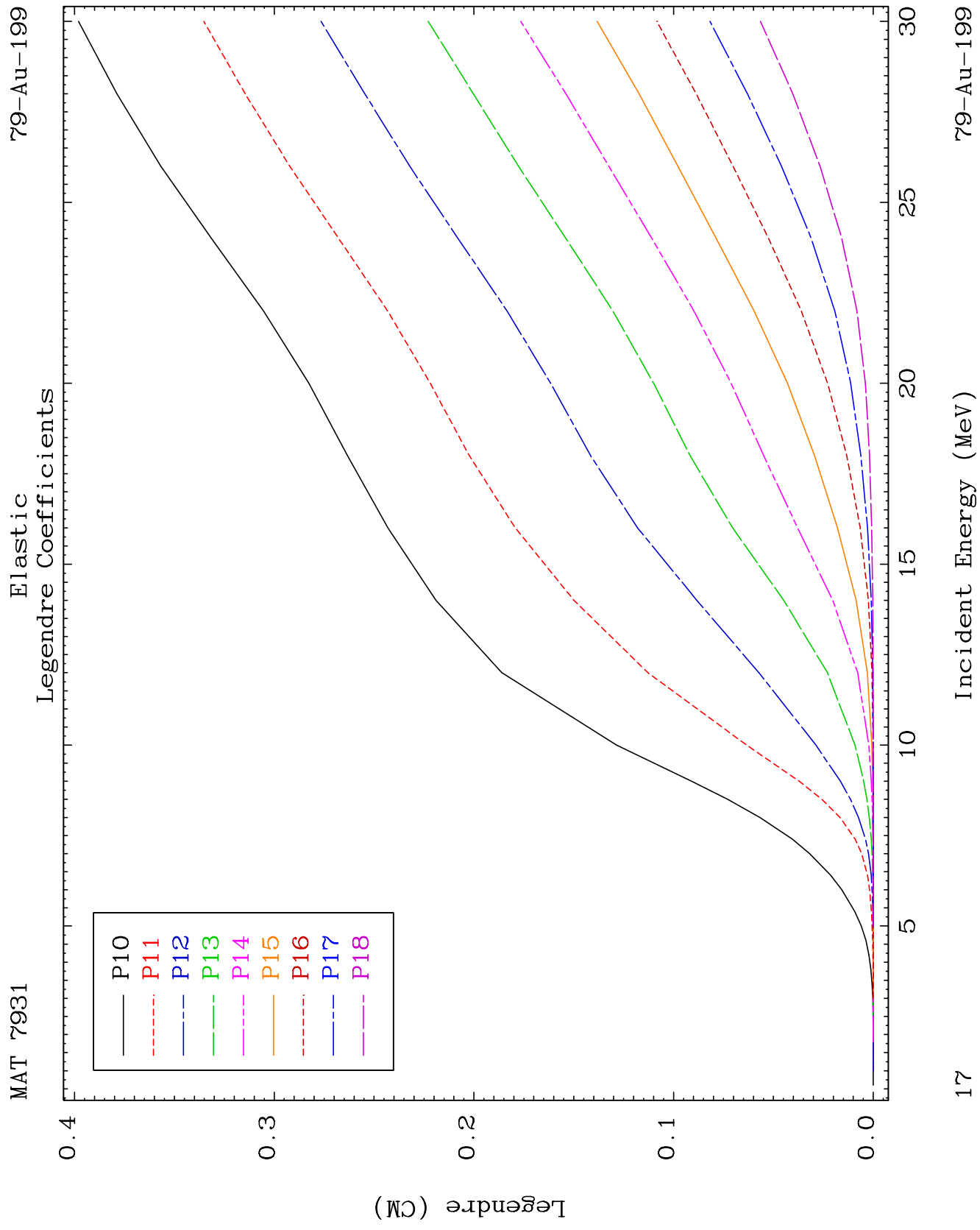


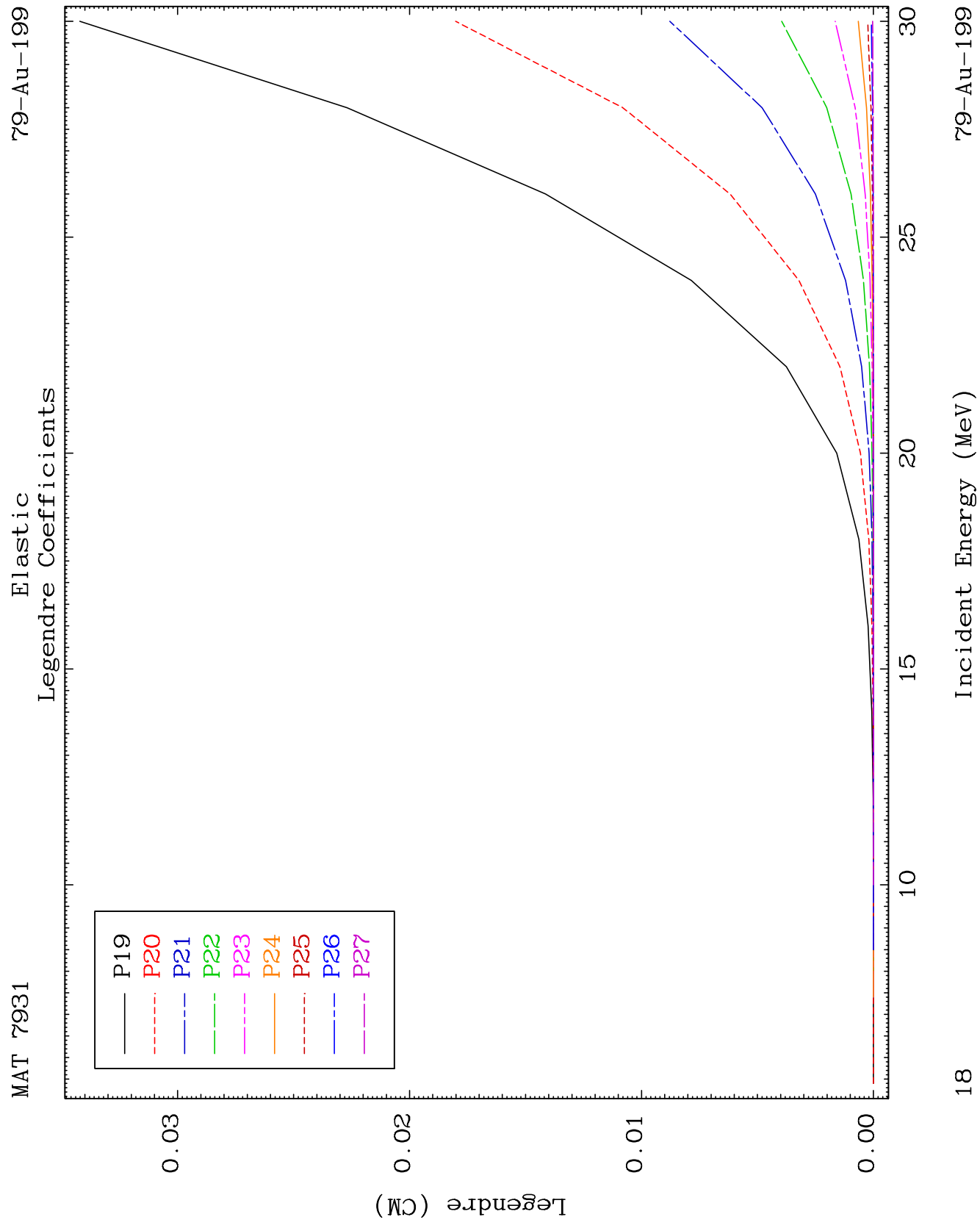
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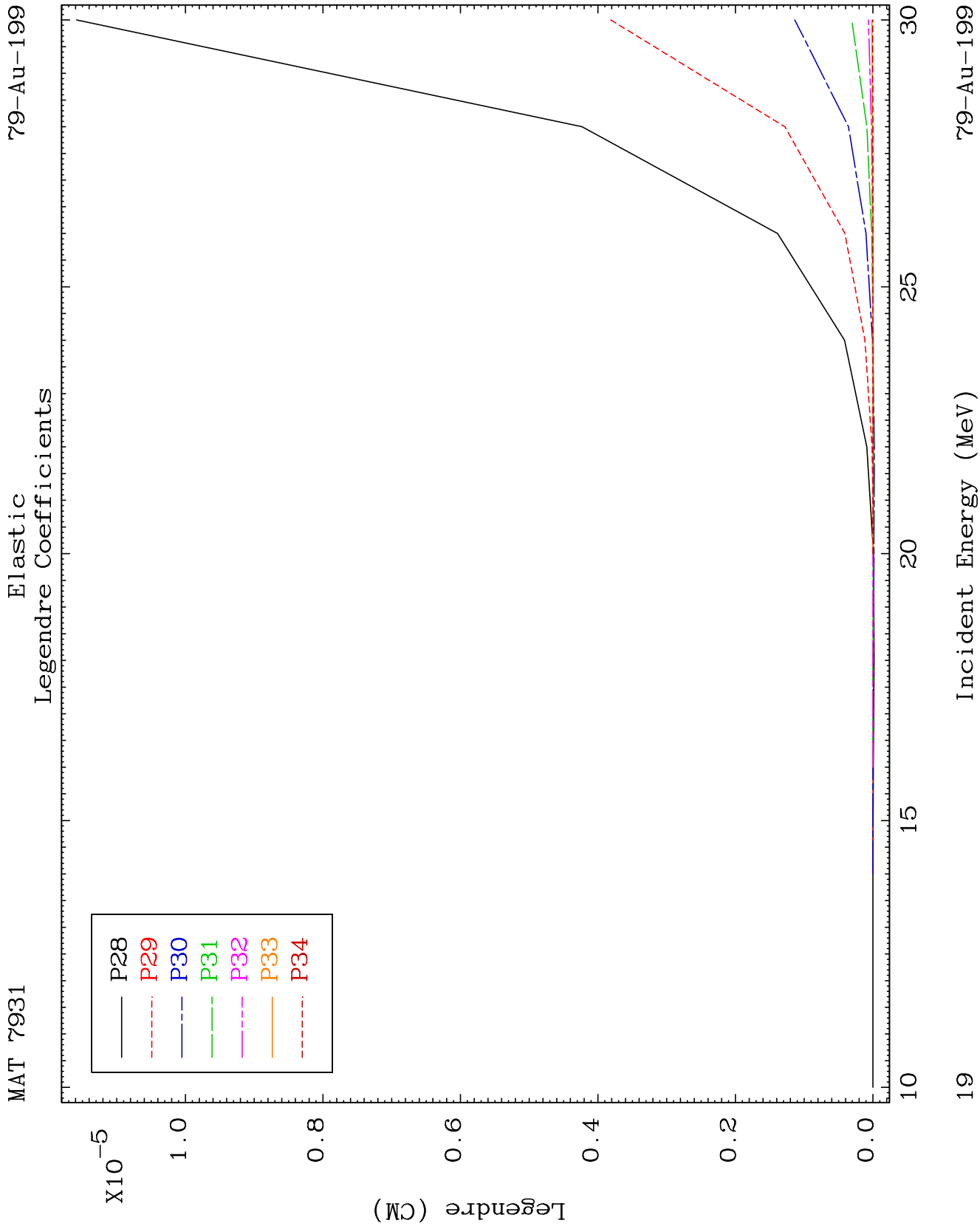
Incident Energy (MeV)

79-Au-199





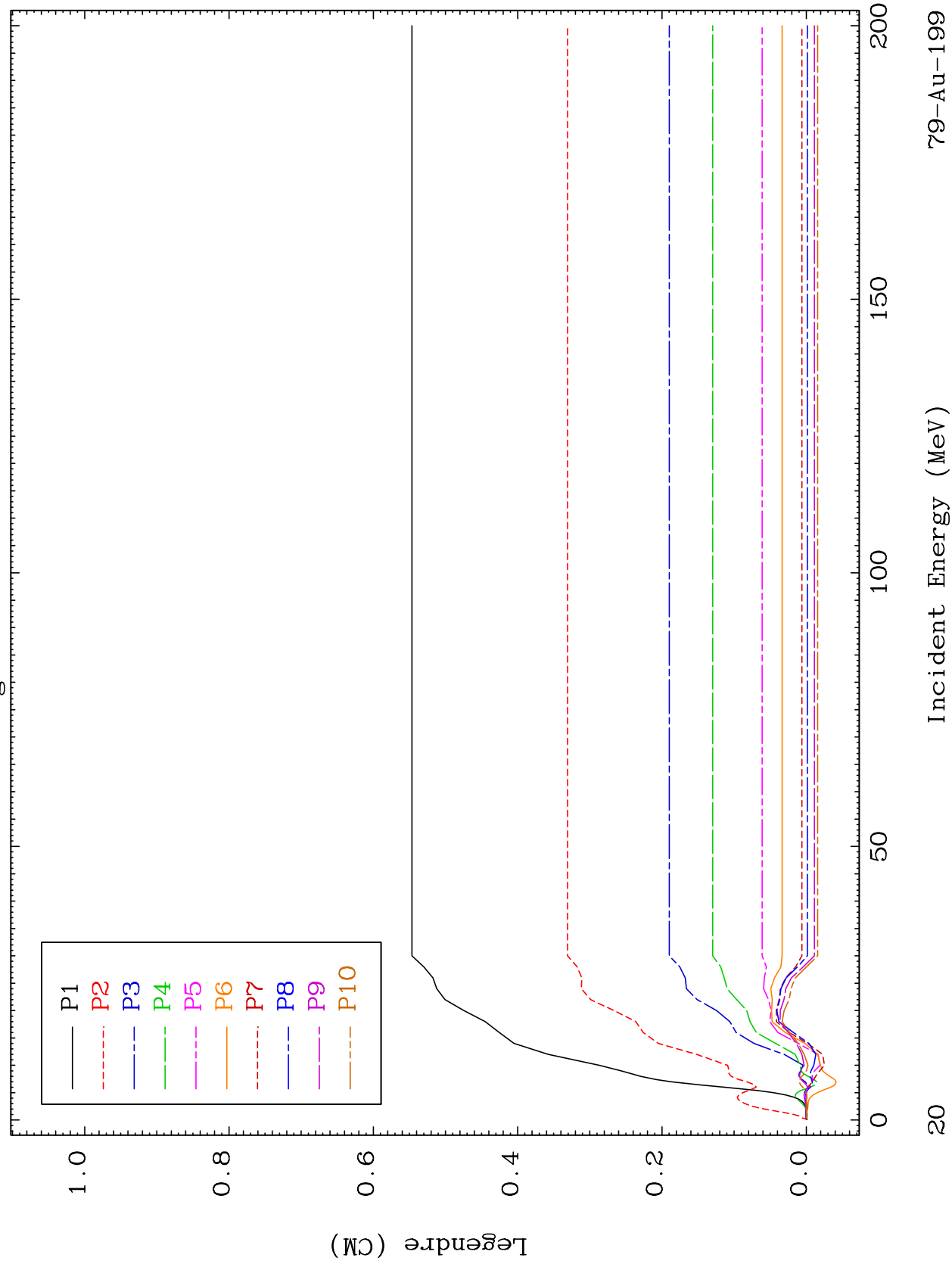




MAT 7931

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

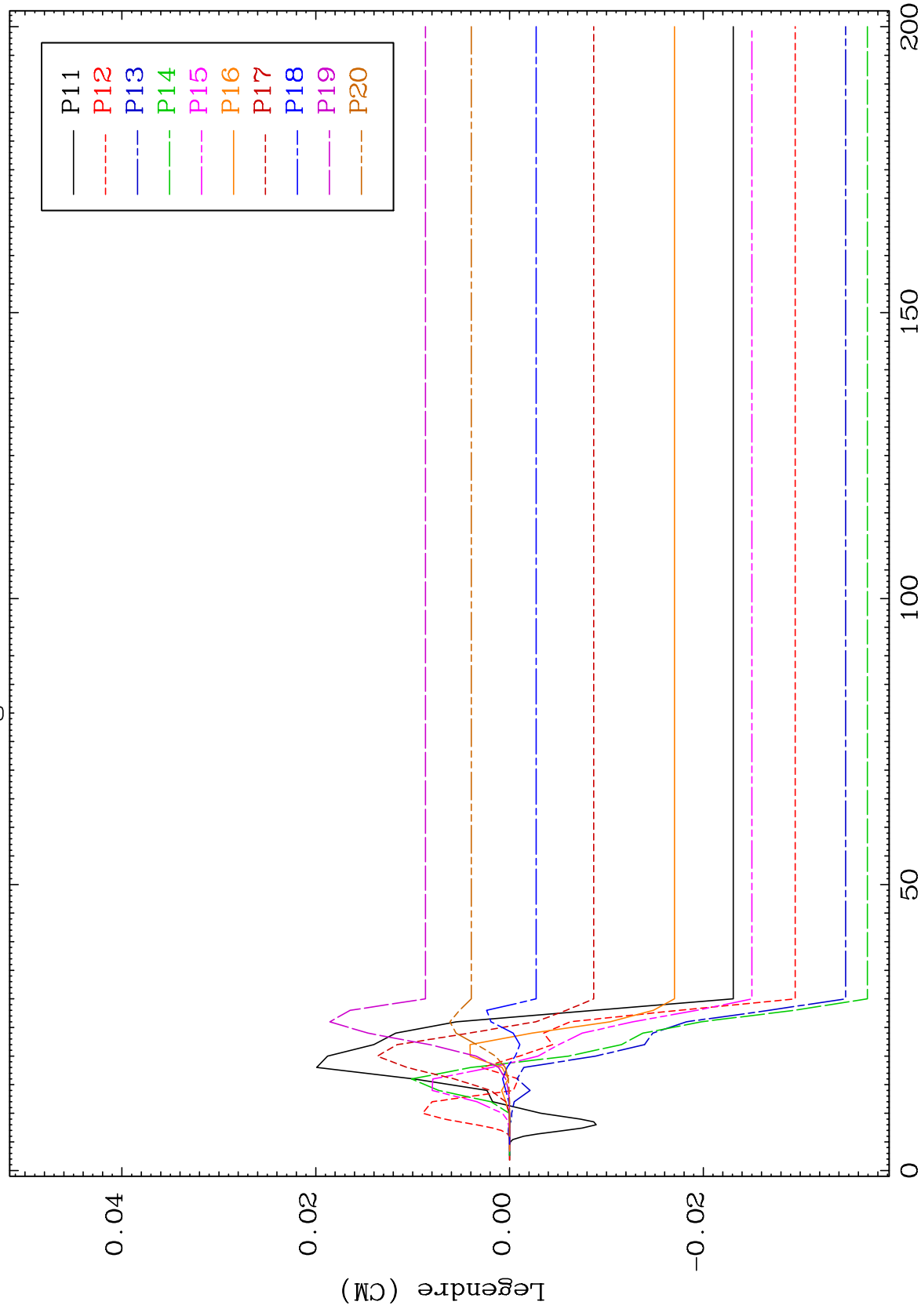
79-Au-199



MAT 7931

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

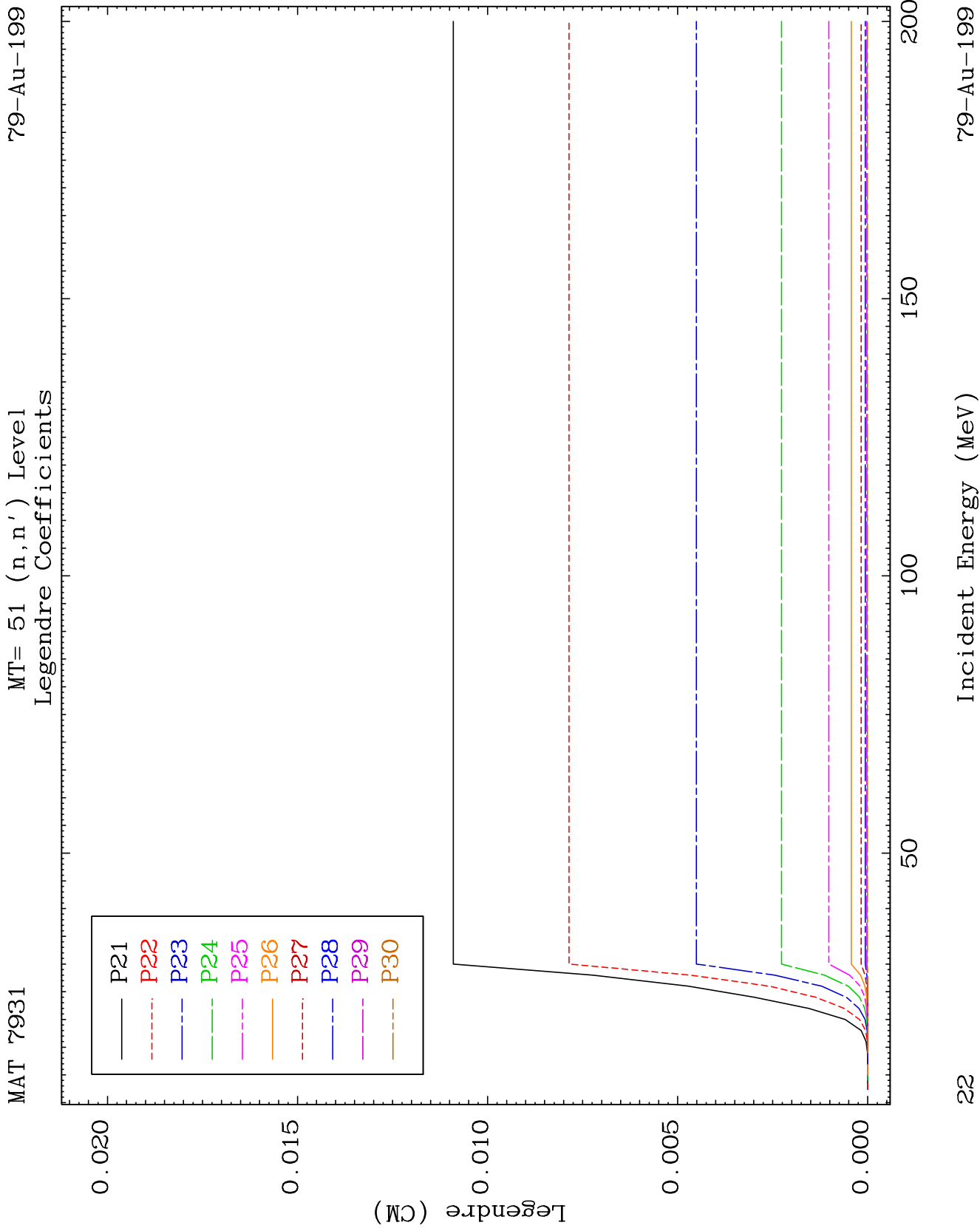
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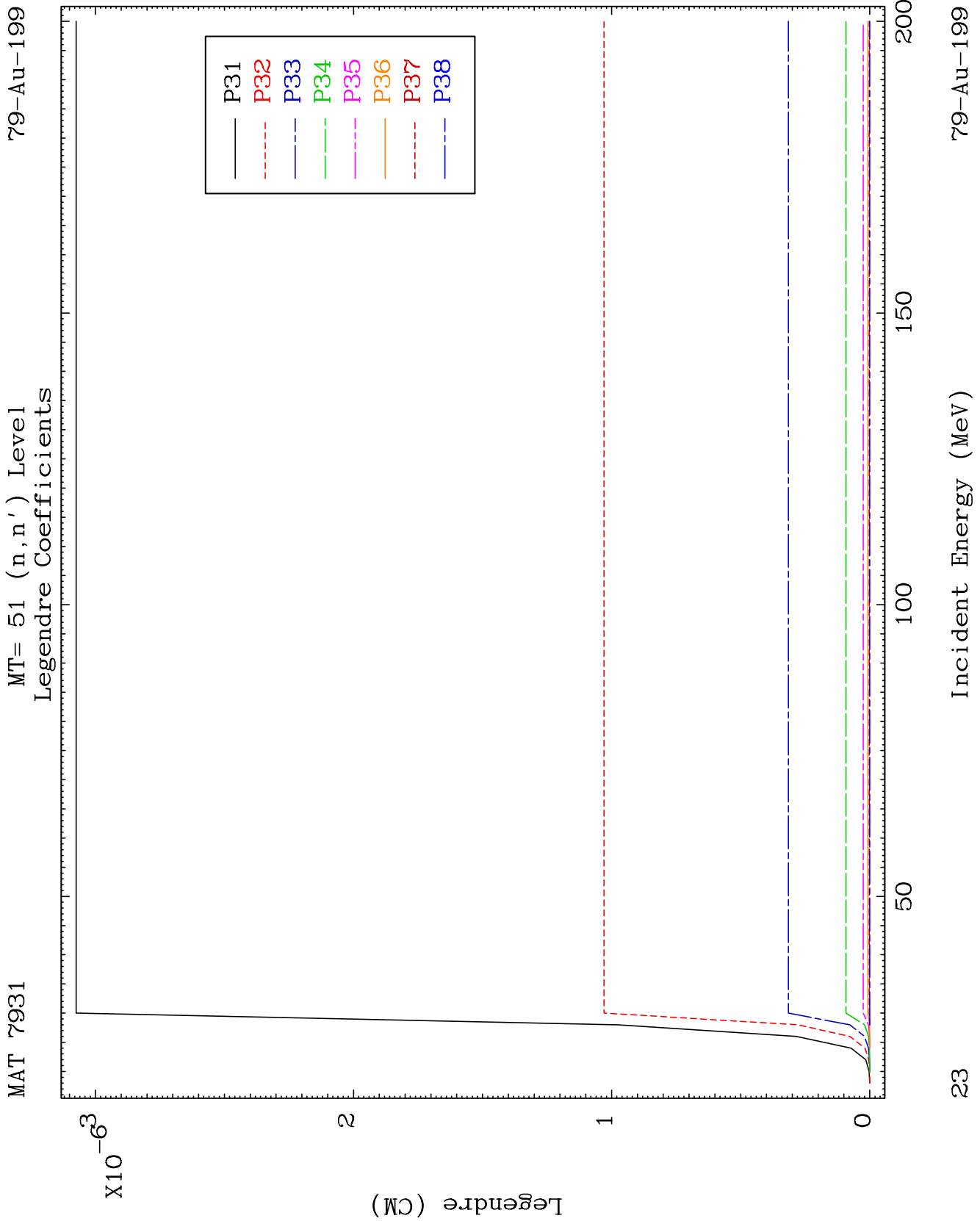


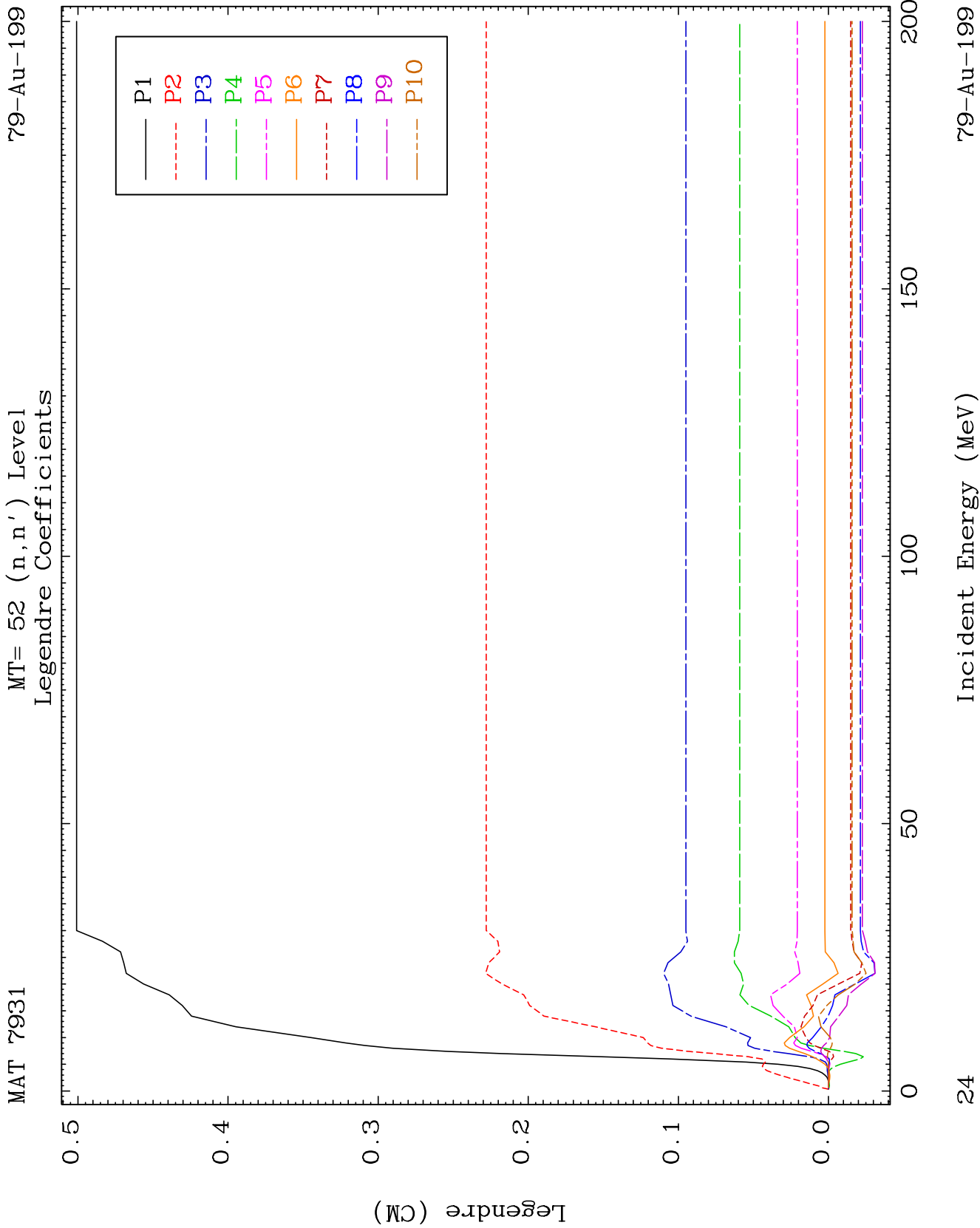
21

Incident Energy (MeV)

79-Au-199



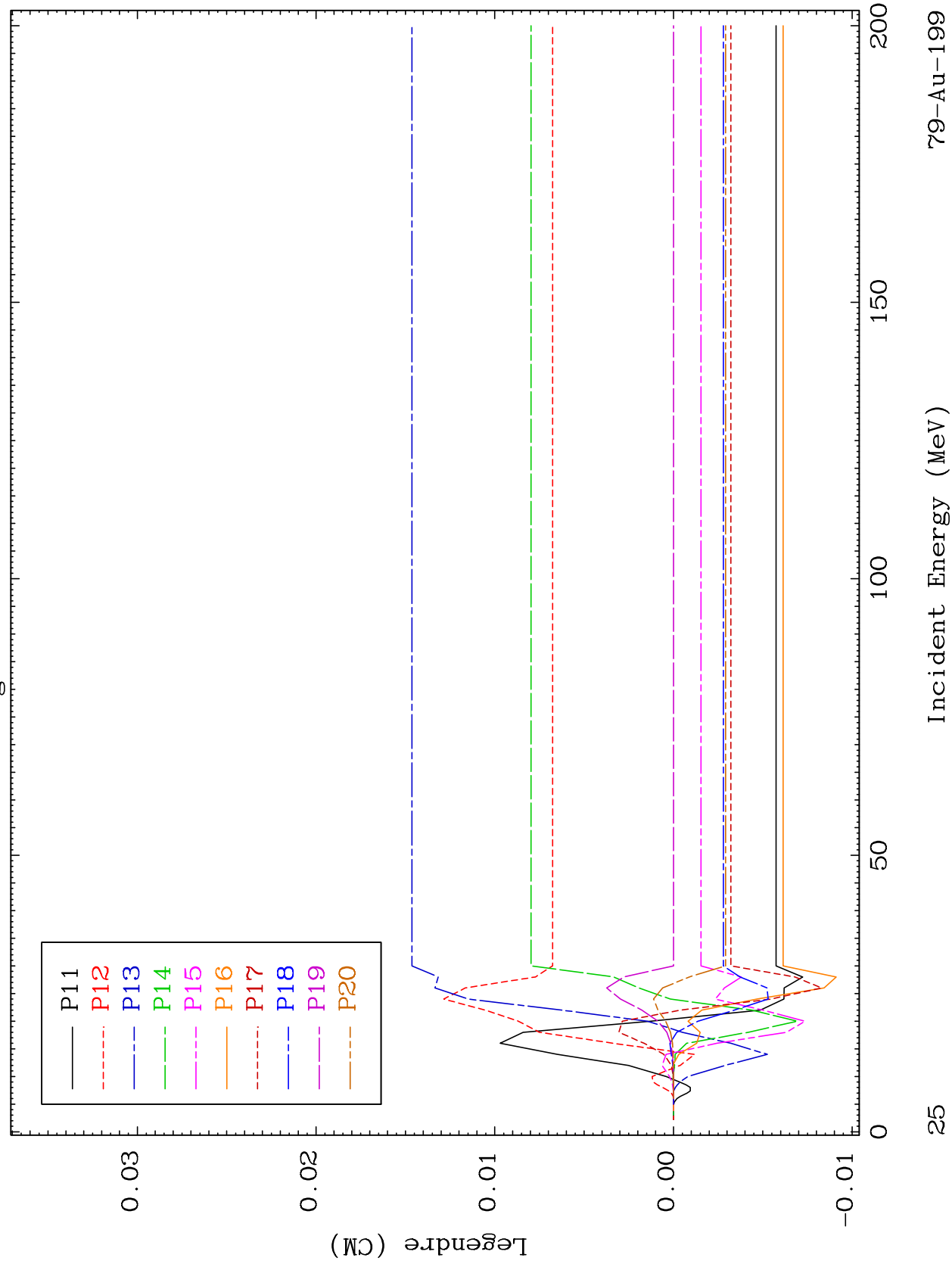




MAT 7931

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

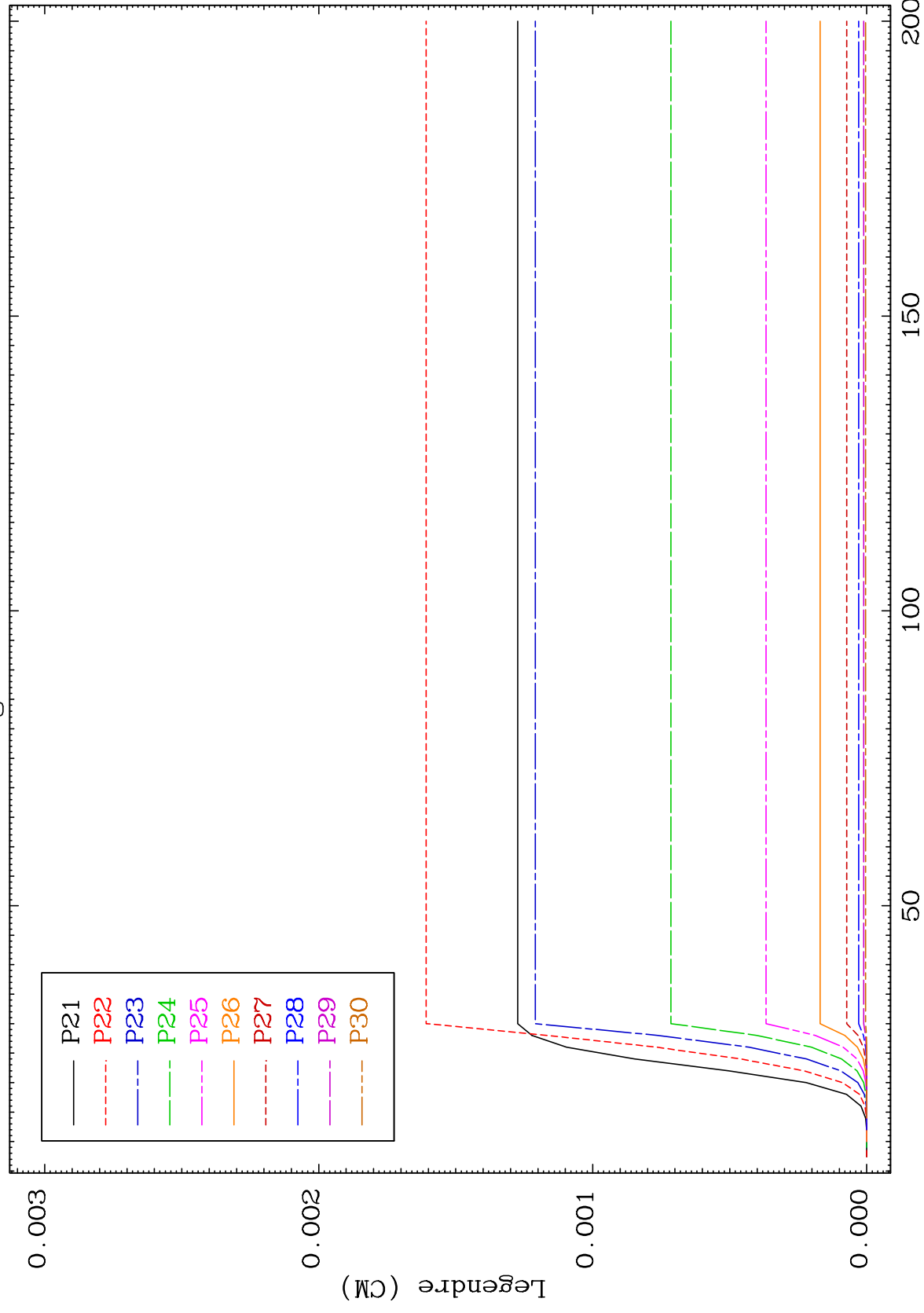
79-Au-199



MAT 7931

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

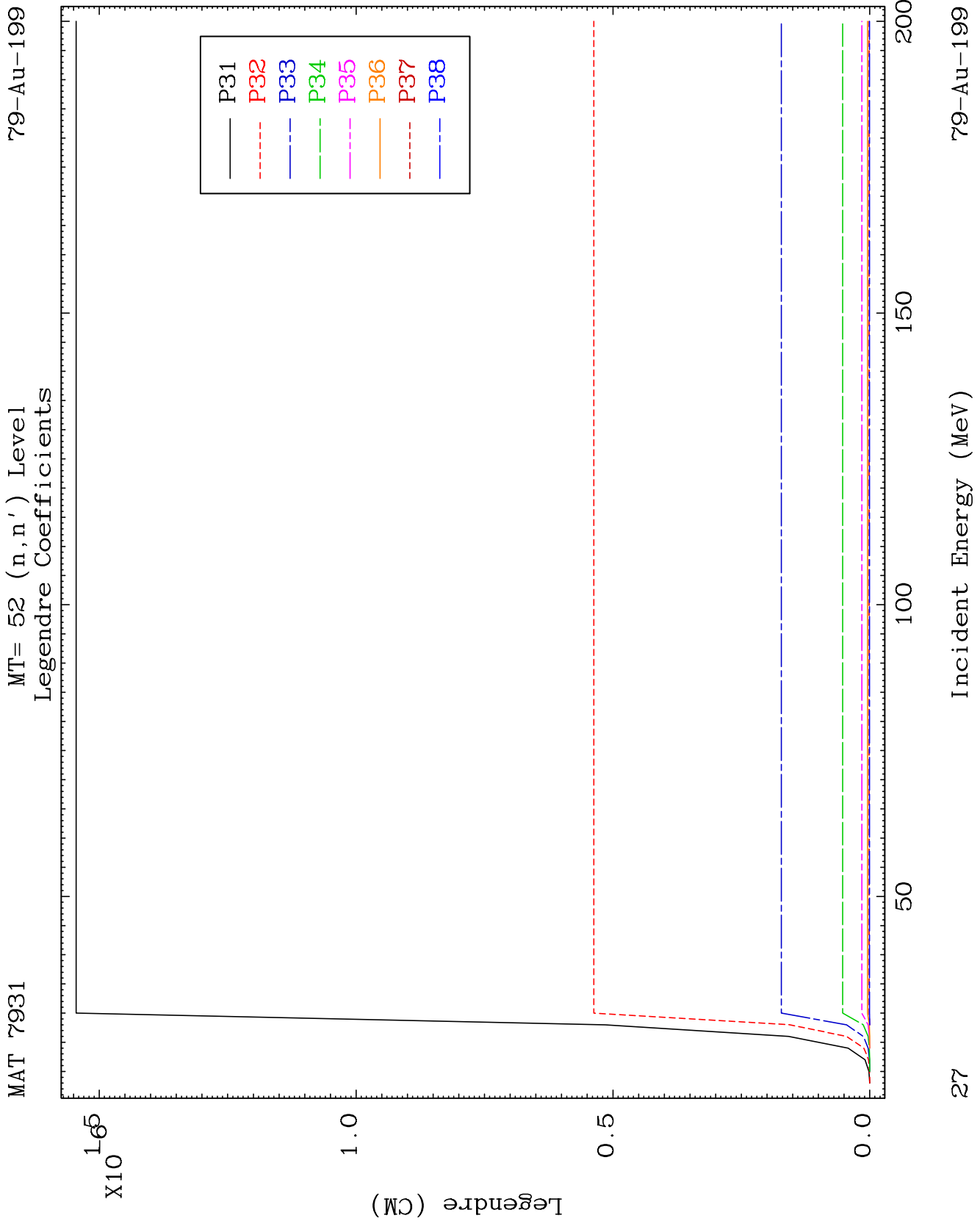
79-Au-199



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Incident Energy (MeV)

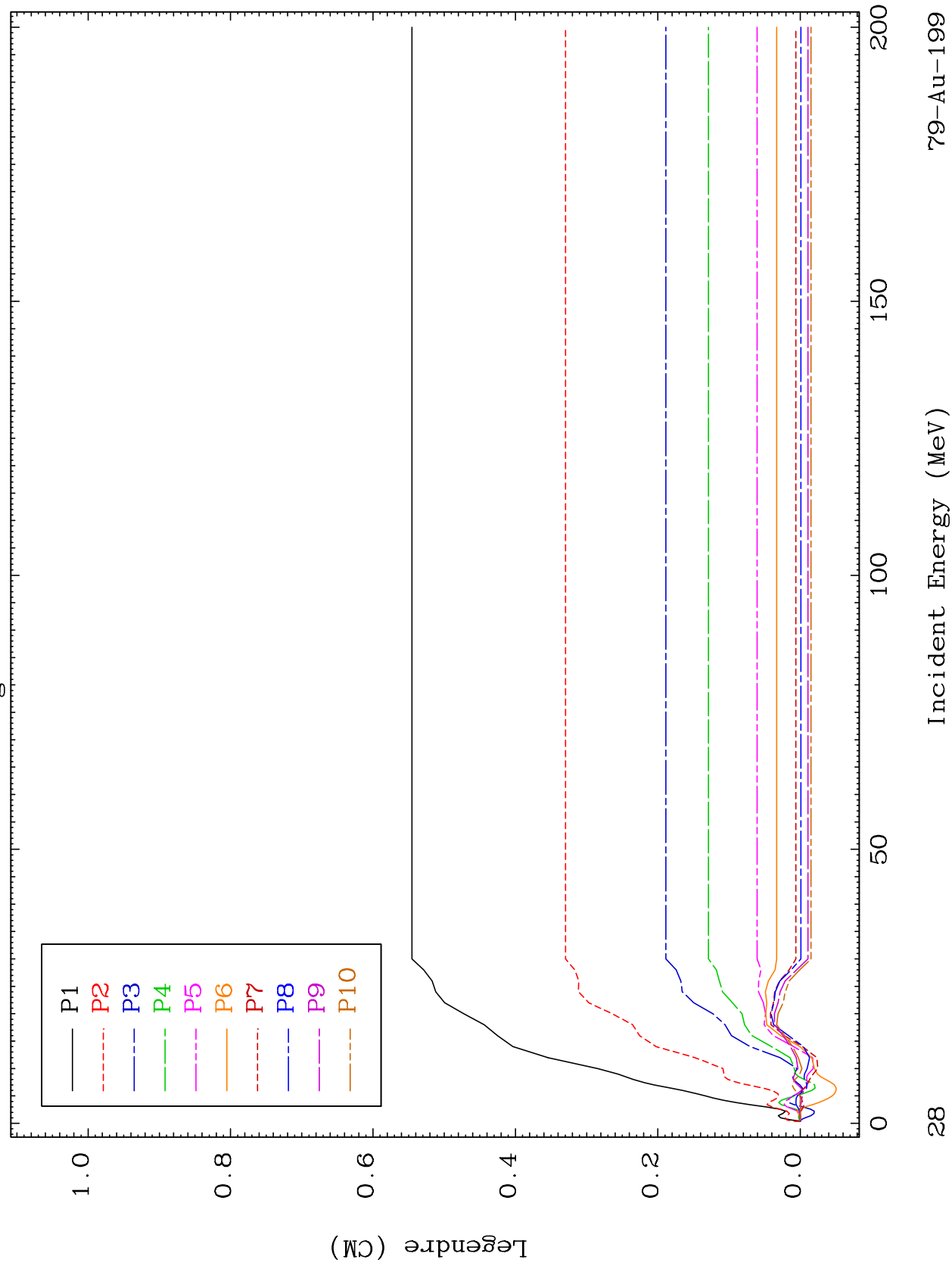
79-Au-199

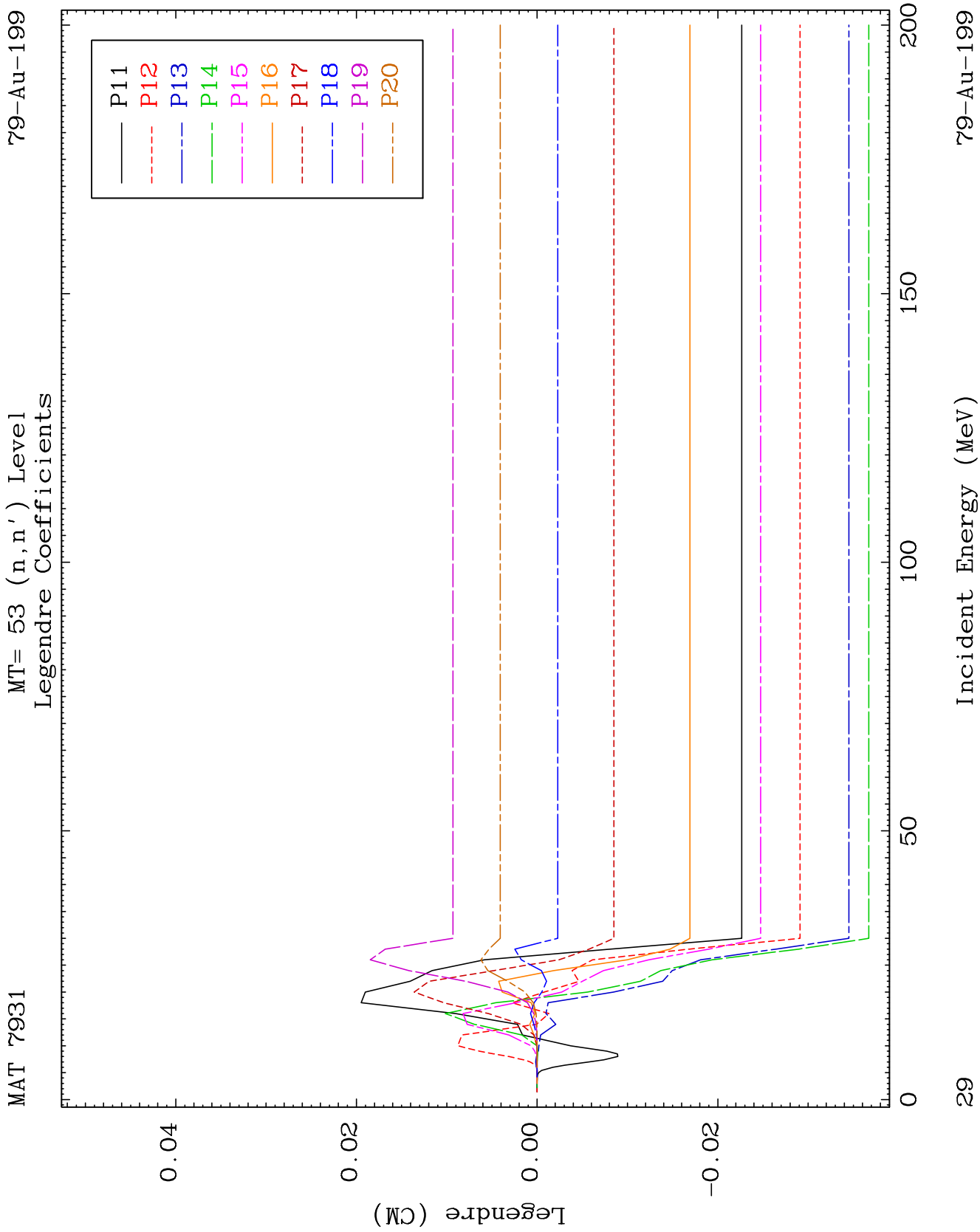


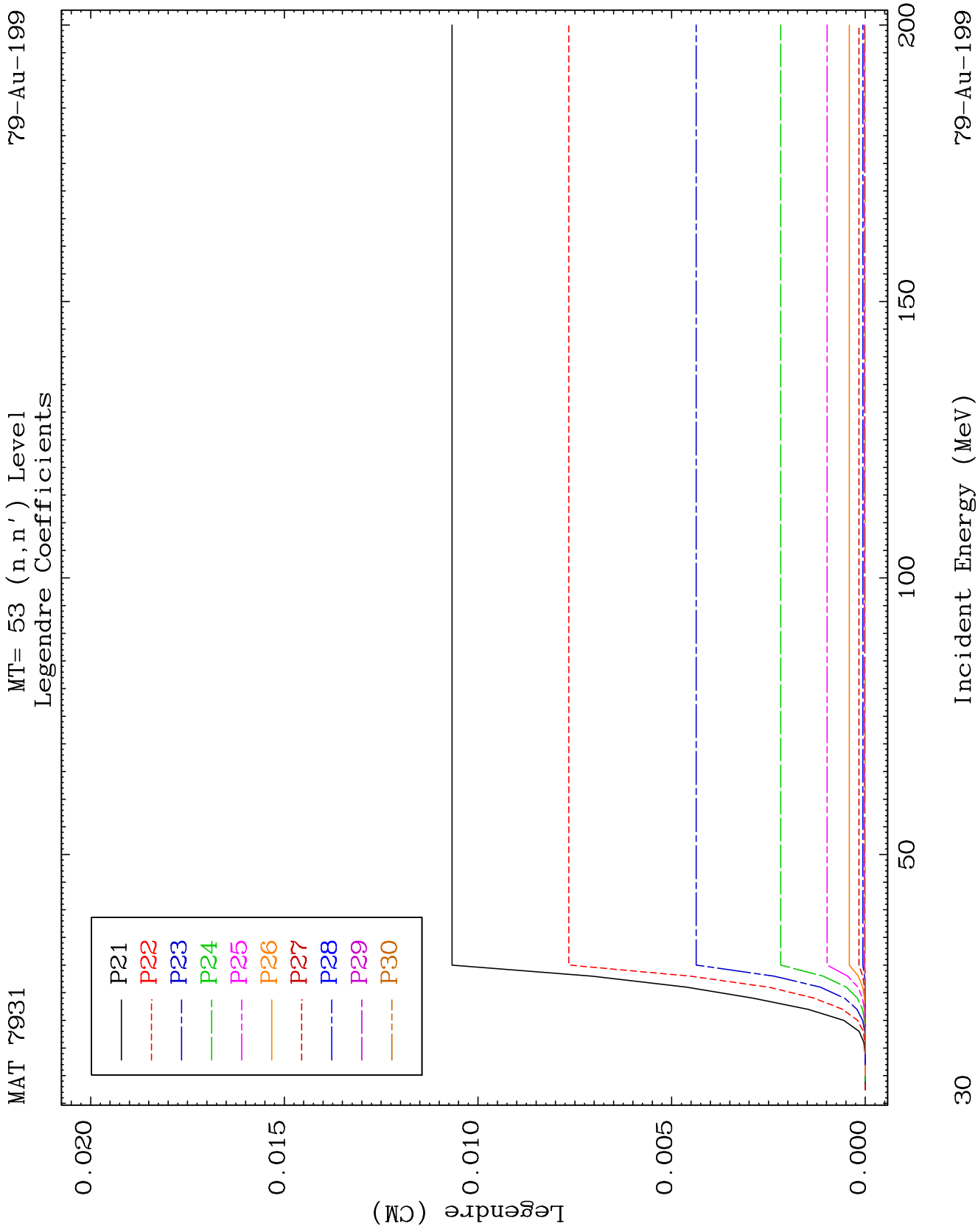
MAT 7931

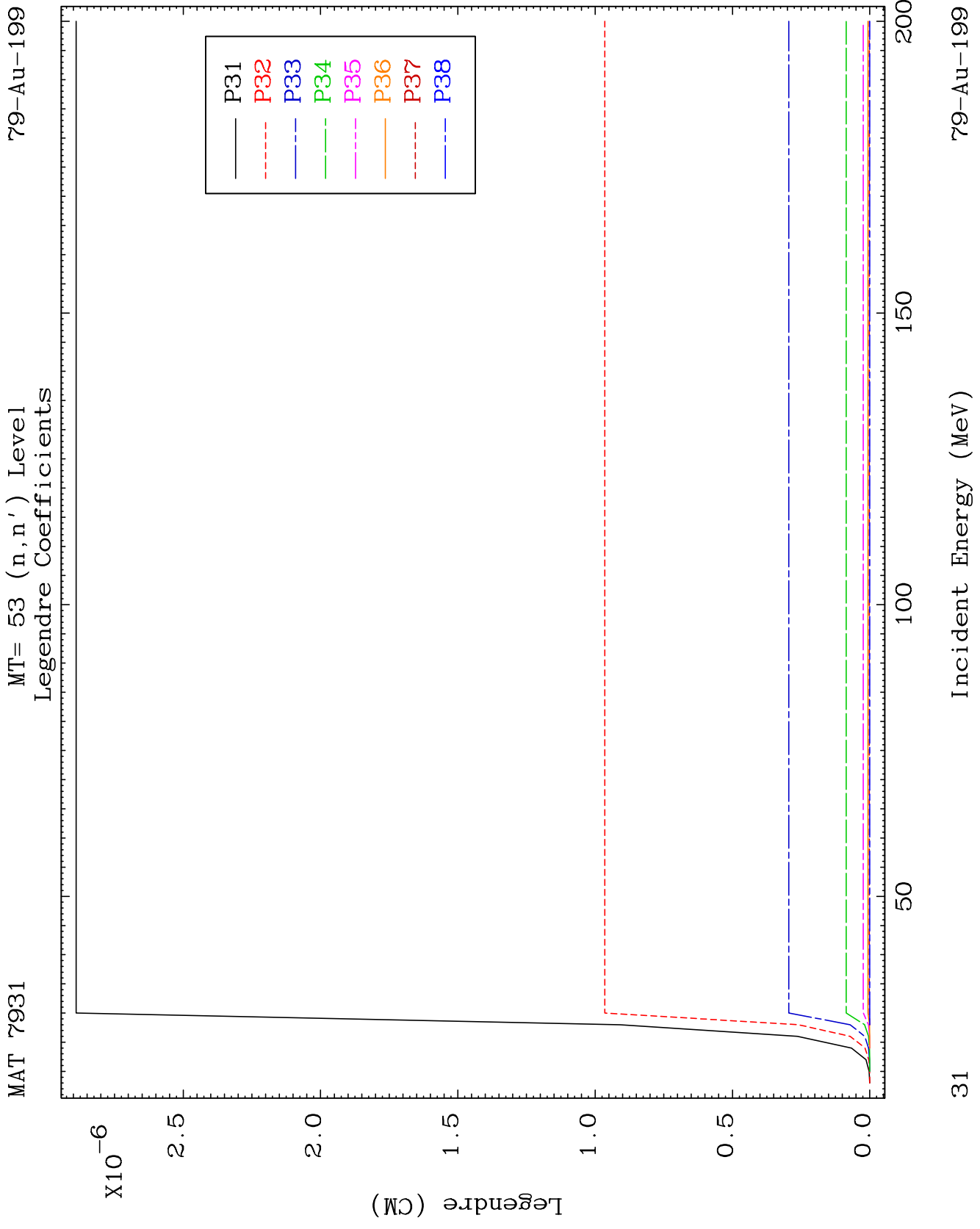
MT= 53 (n, n') Level
Legendre Coefficients

79-Au-199





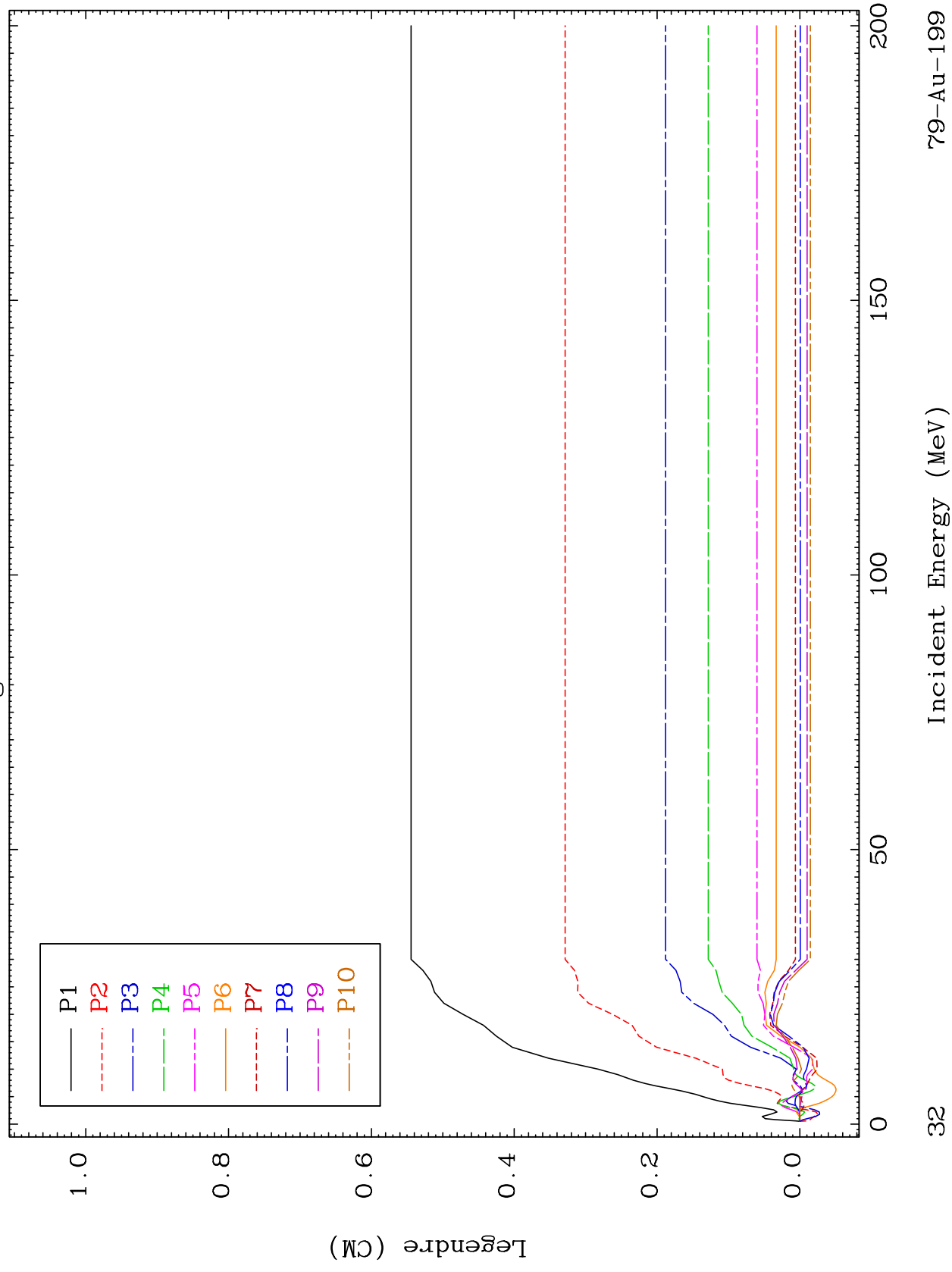


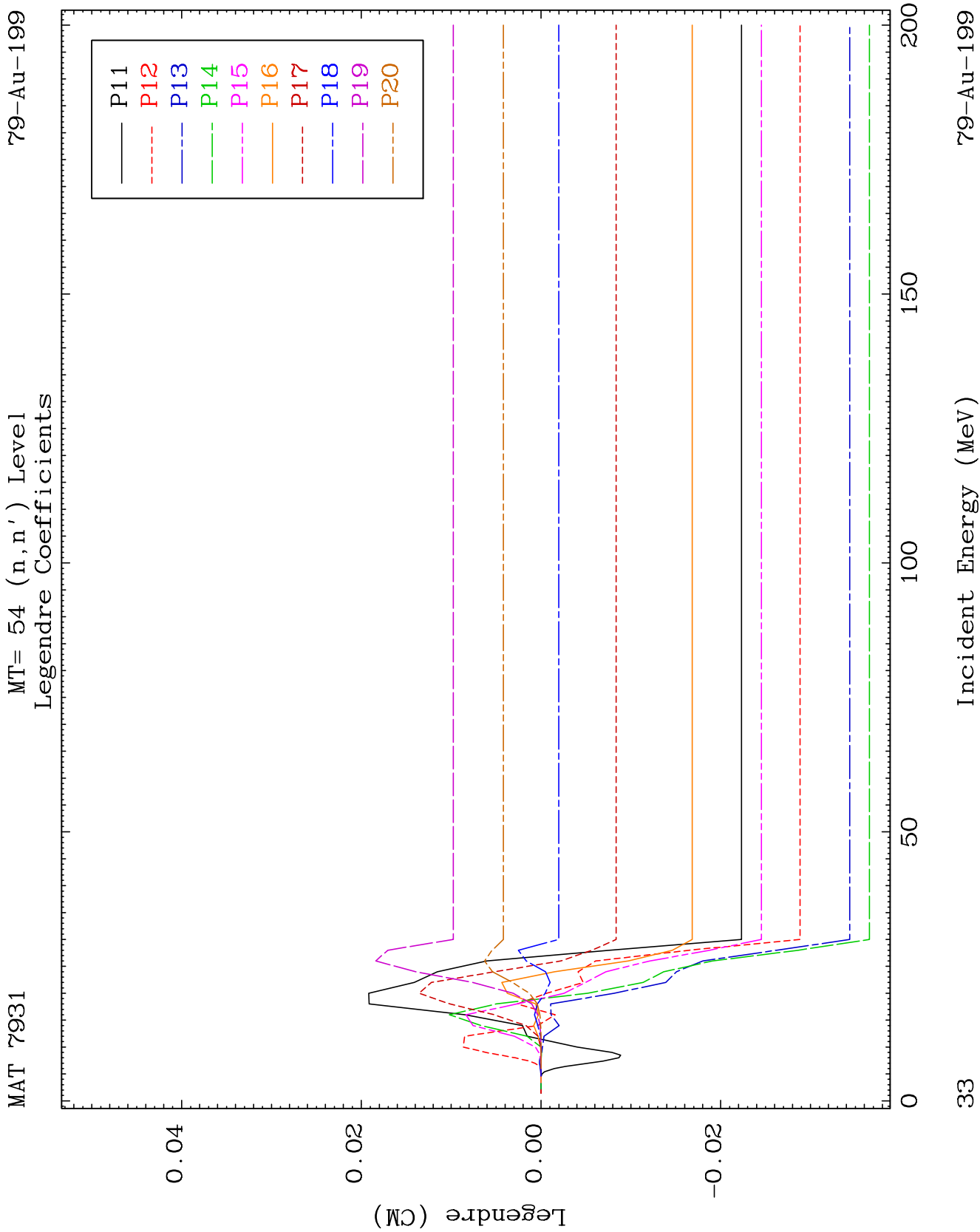


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MT= 54 (n, n') Level
Legendre Coefficients

79-Au-199

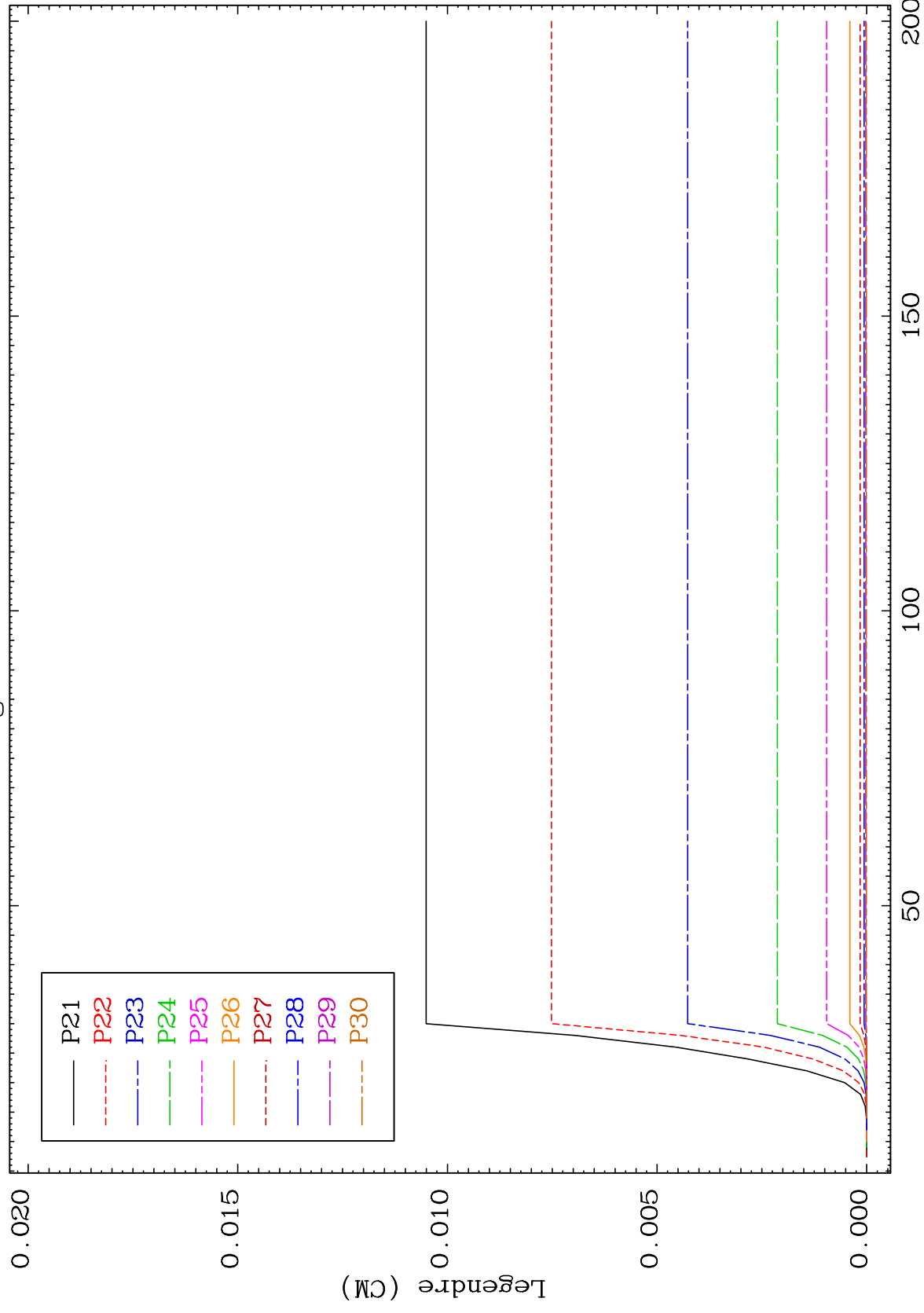




MAT 7931

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

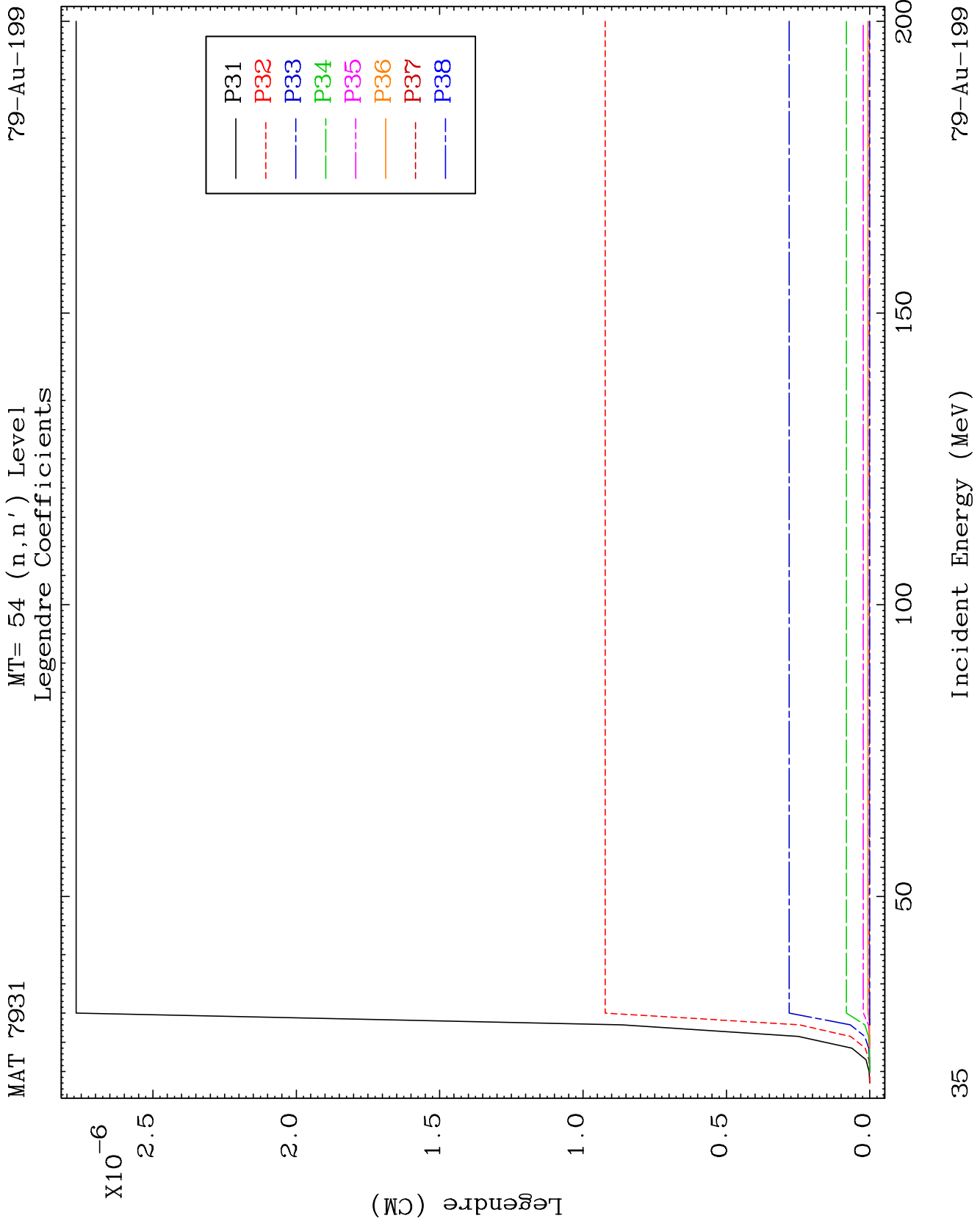
79-Au-199



34

Incident Energy (MeV)

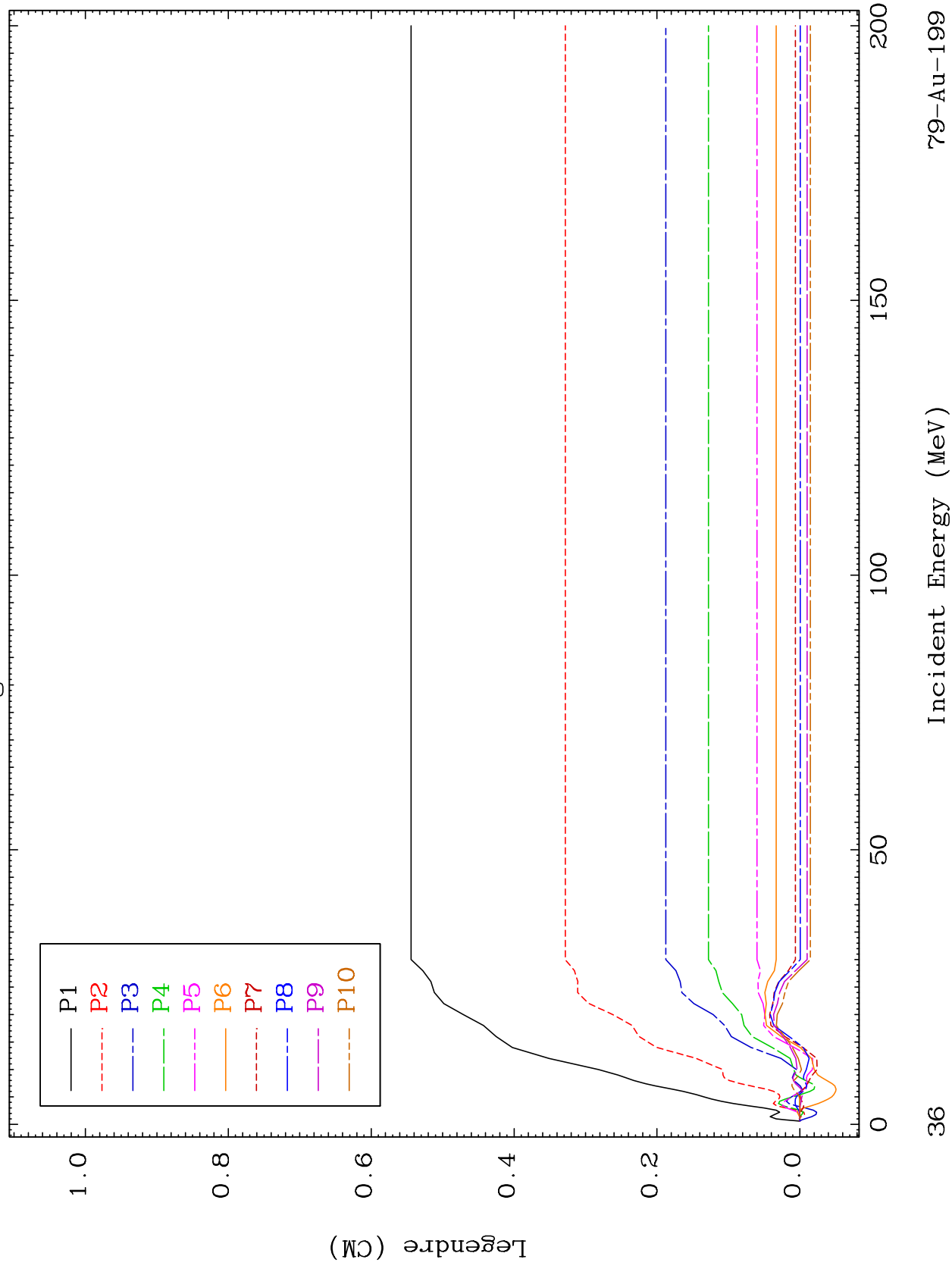
79-Au-199

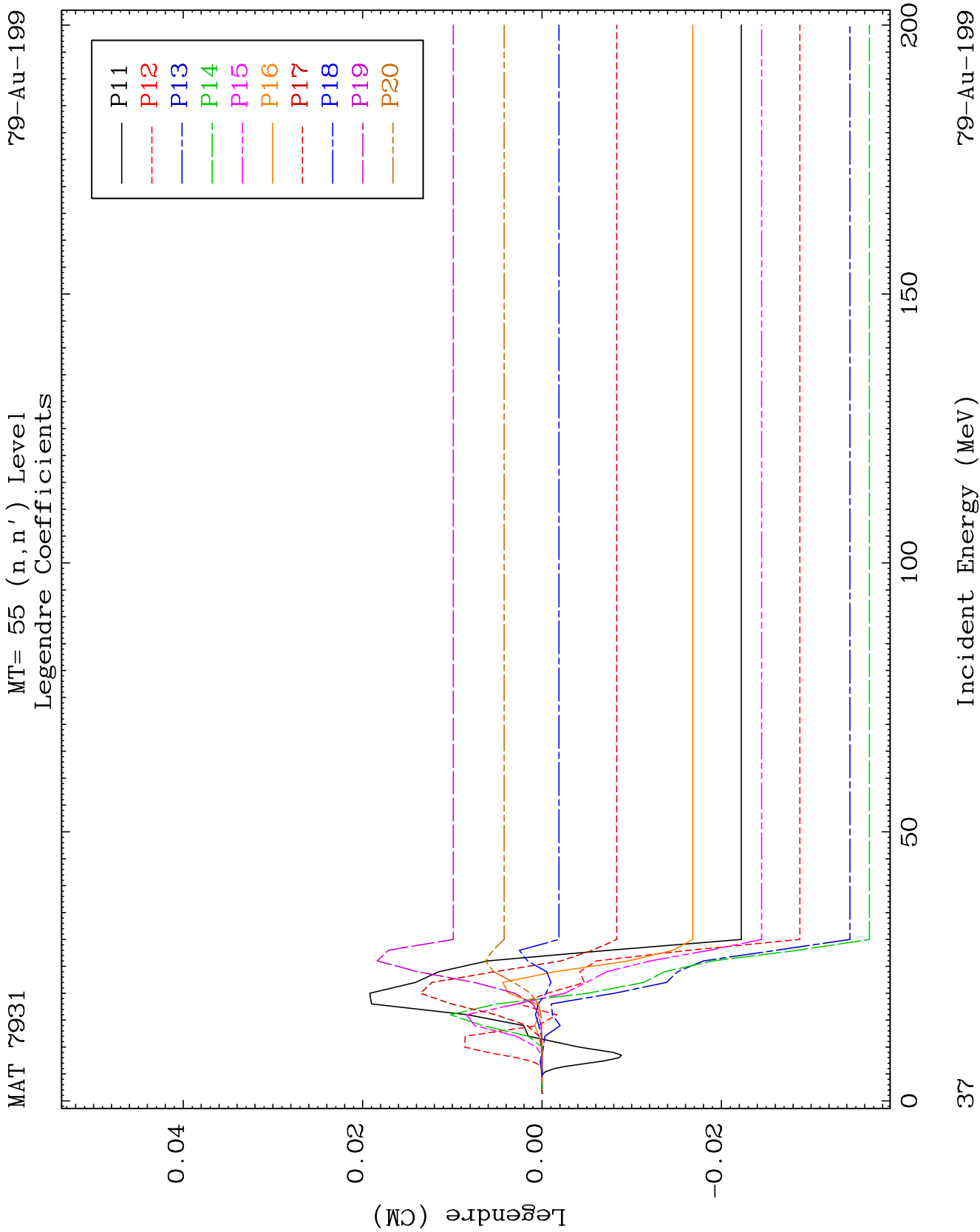


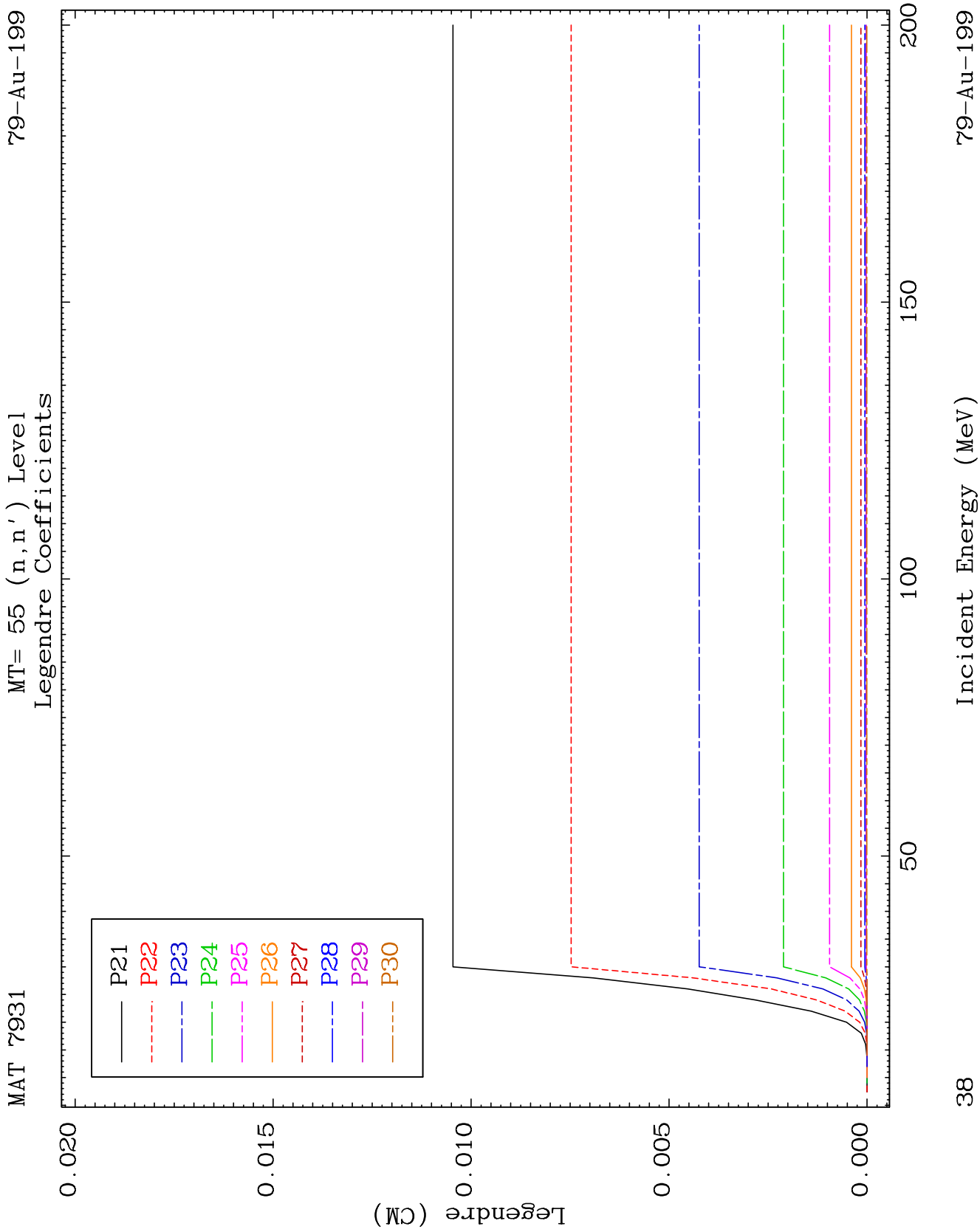
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MT= 55 (n, n') Level
Legendre Coefficients

79-Au-199



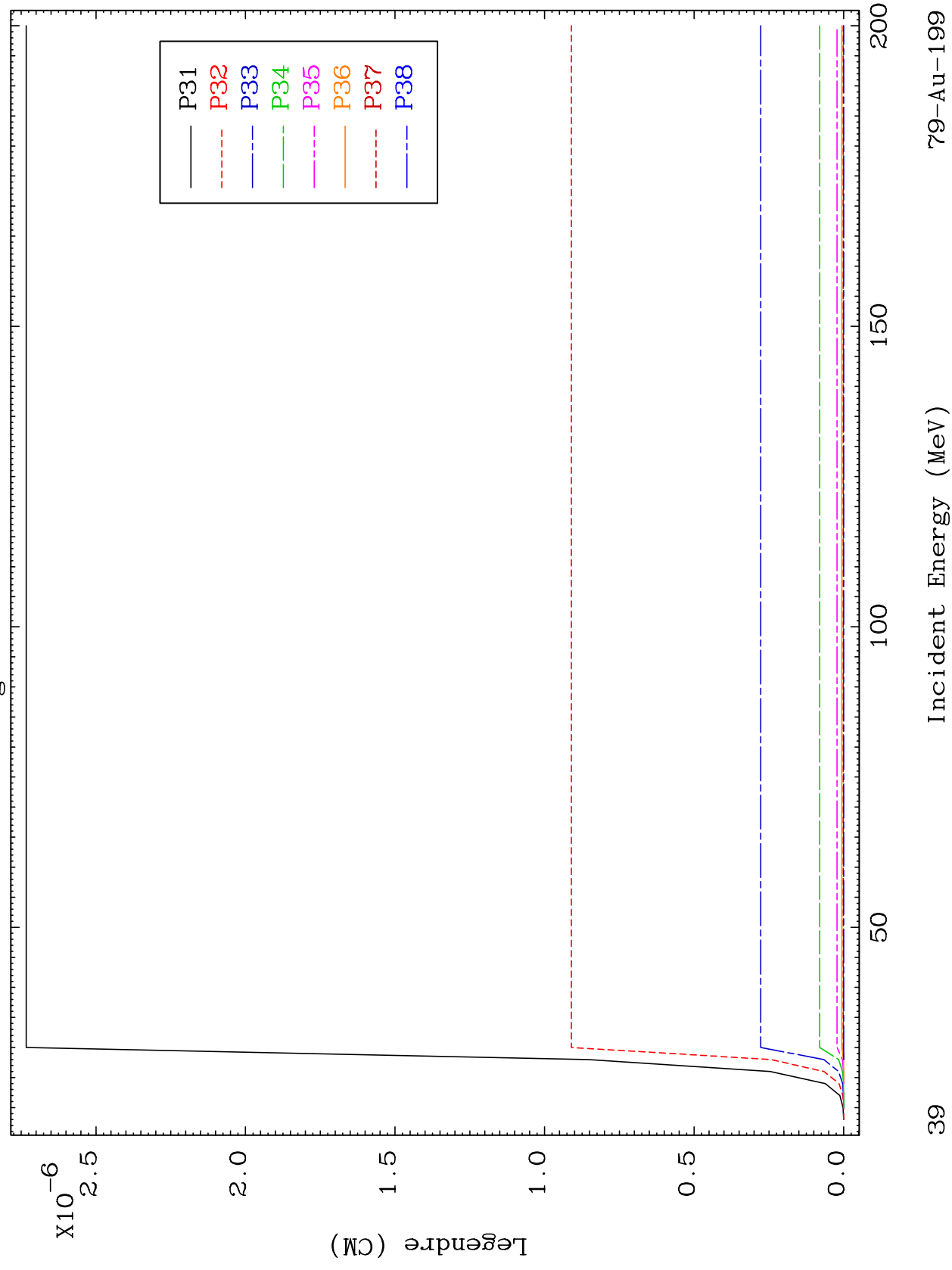


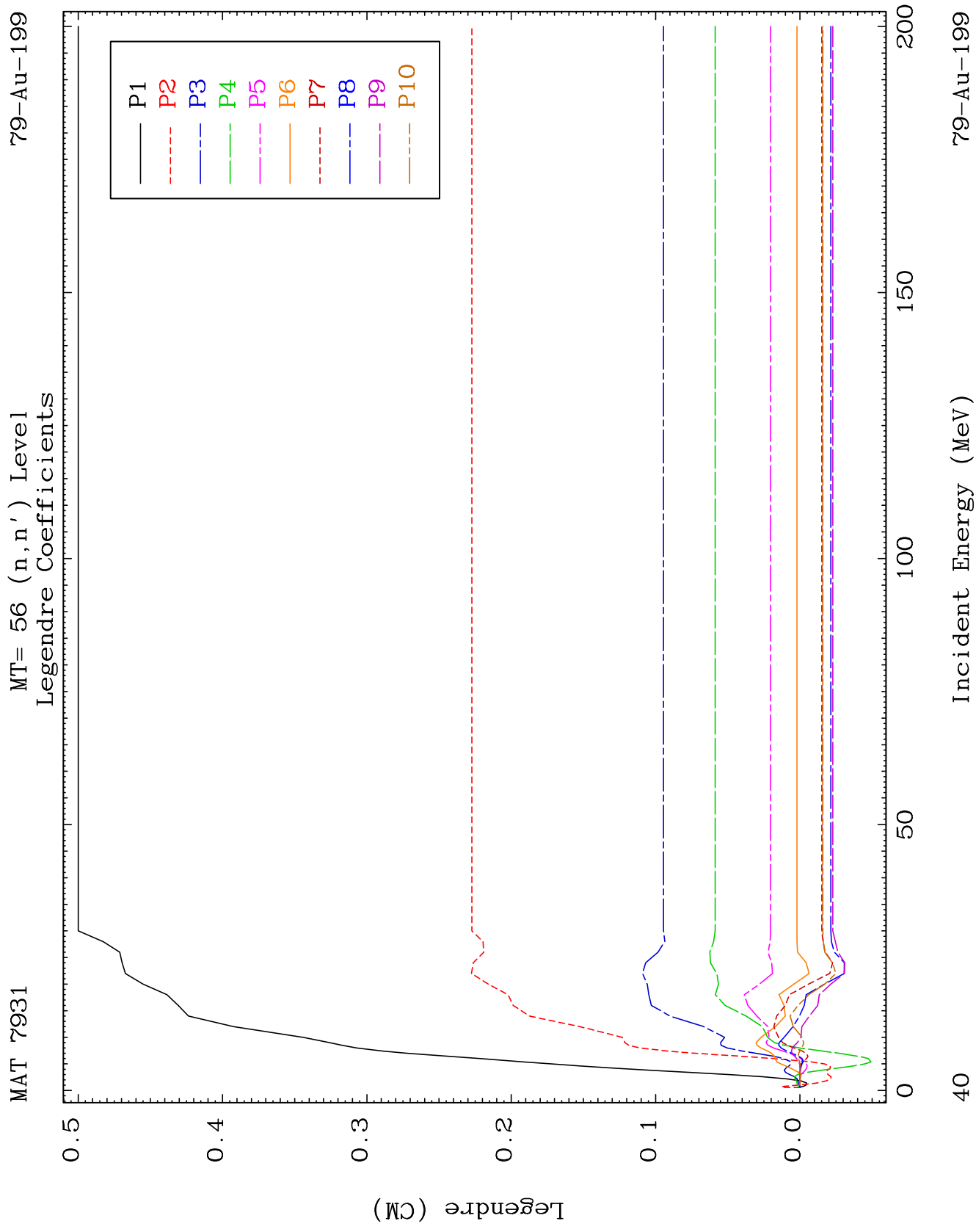


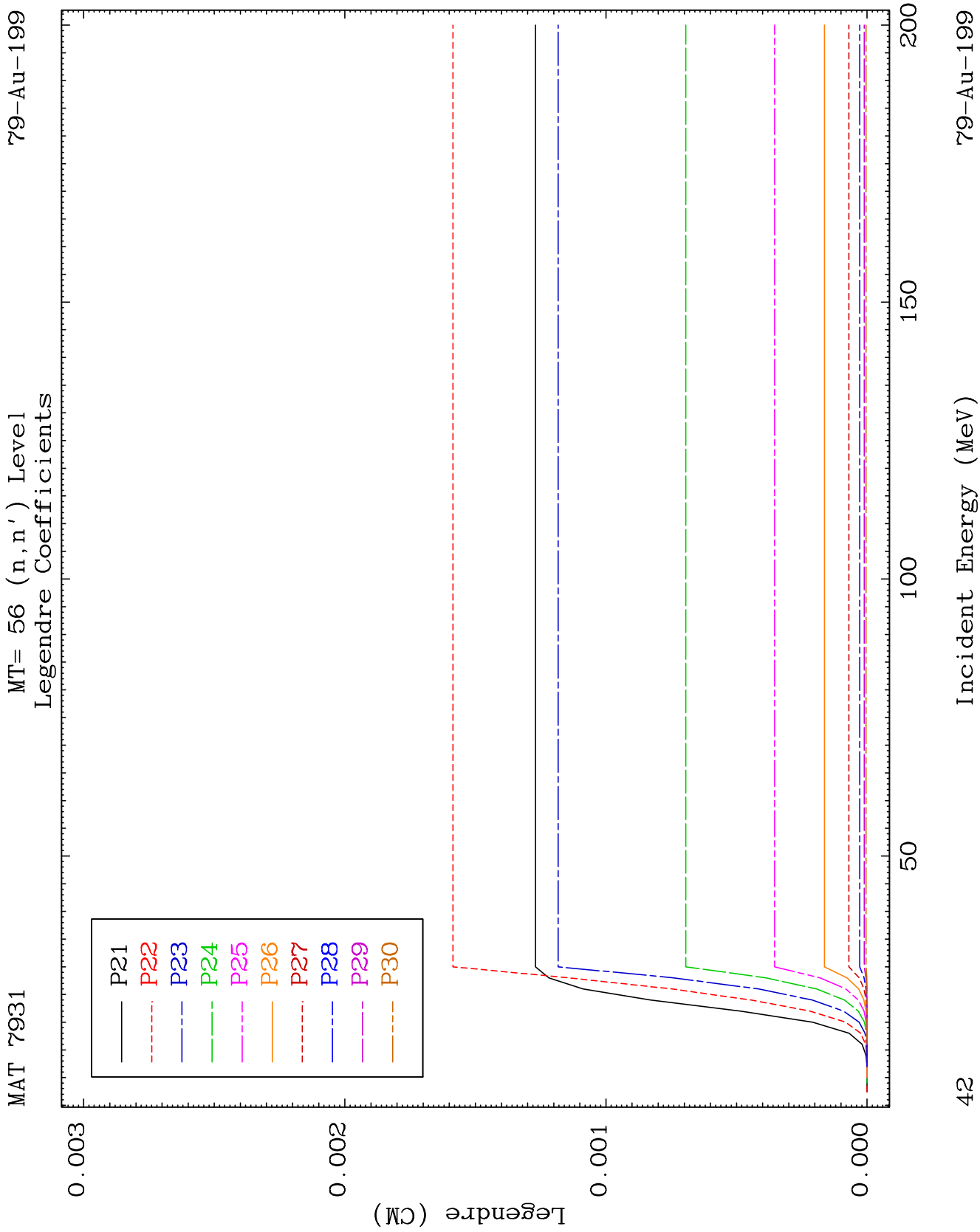
MAT 7931

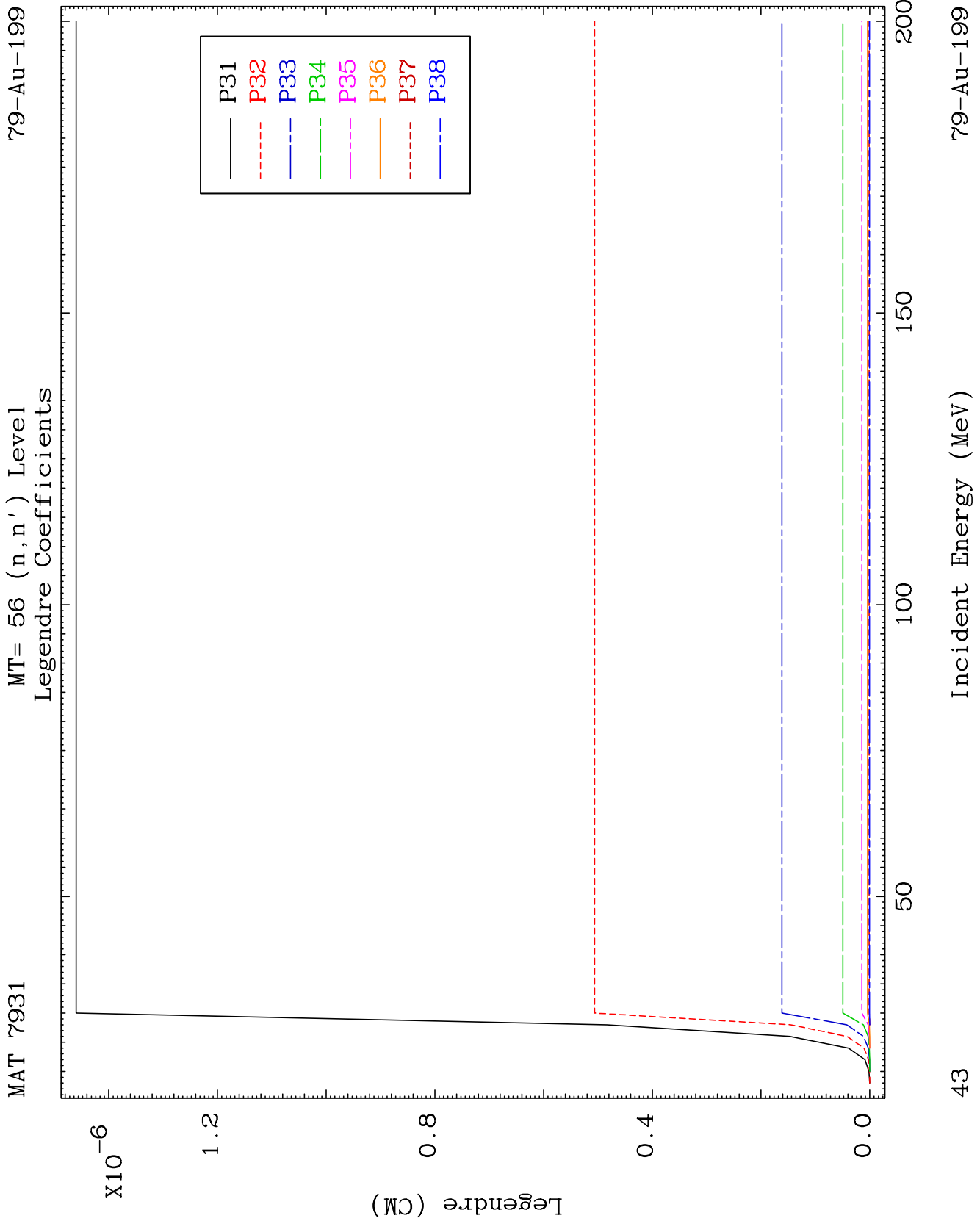
MT= 55 (n, n') Level
Legendre Coefficients

79-Au-199





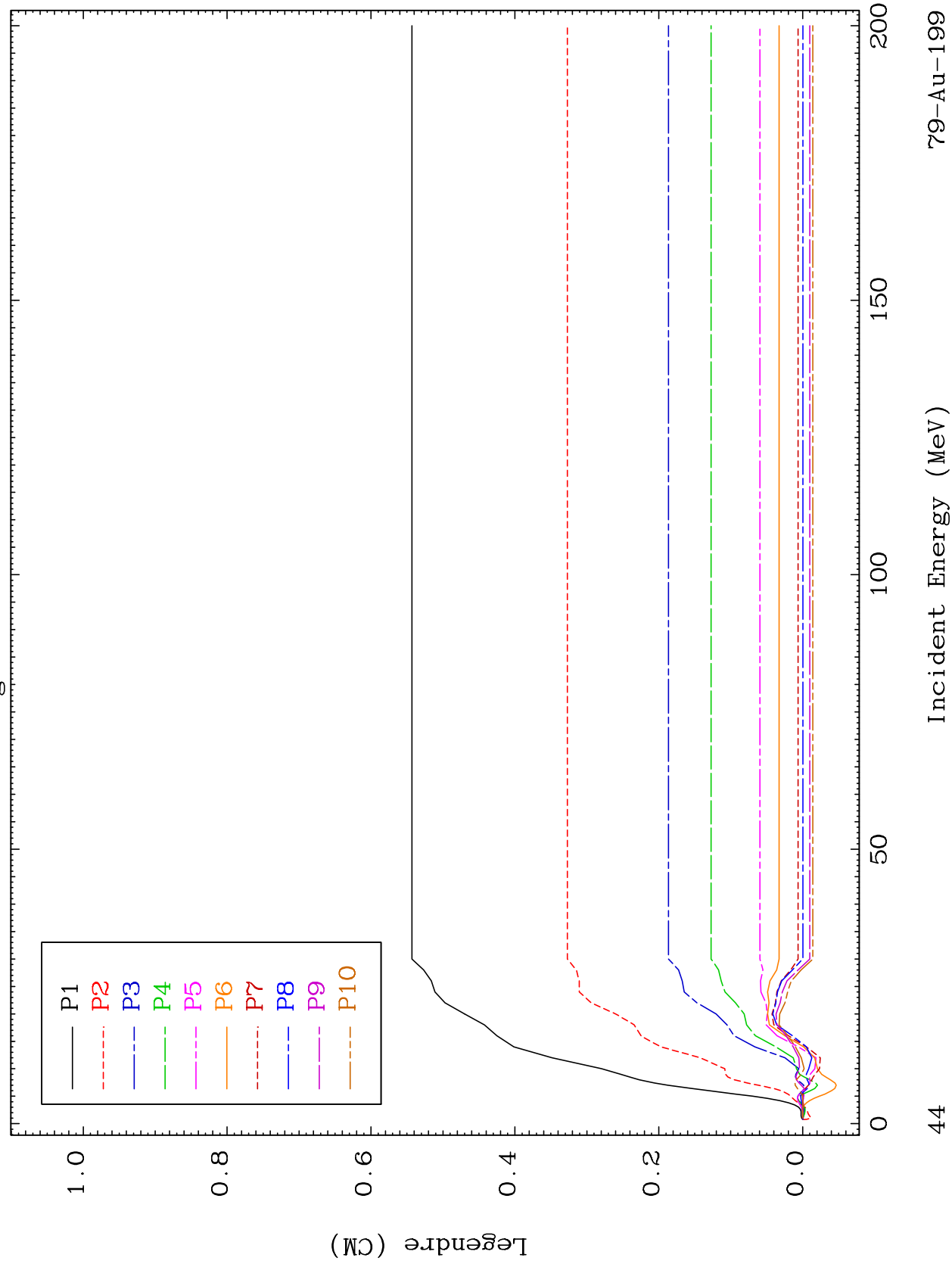


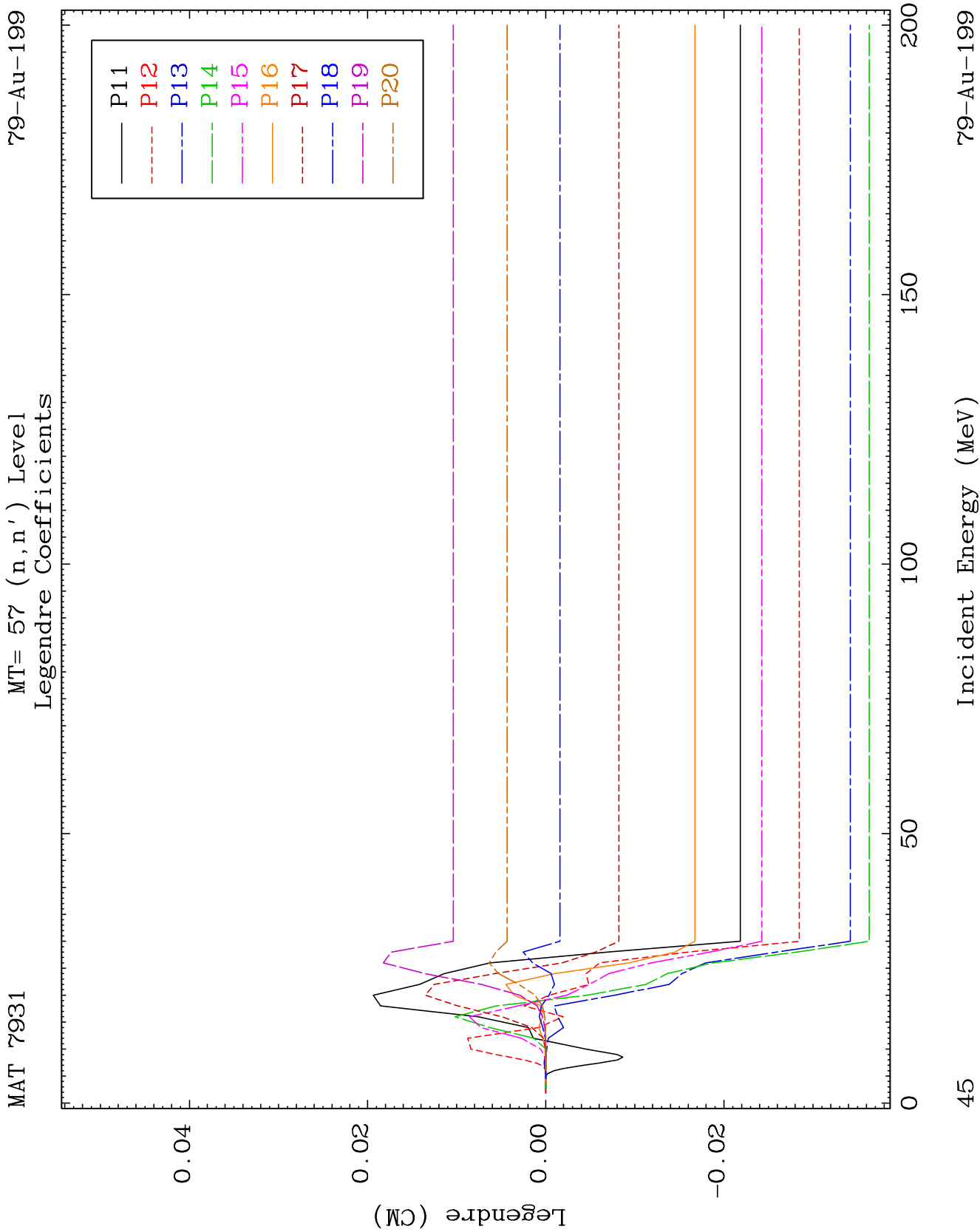


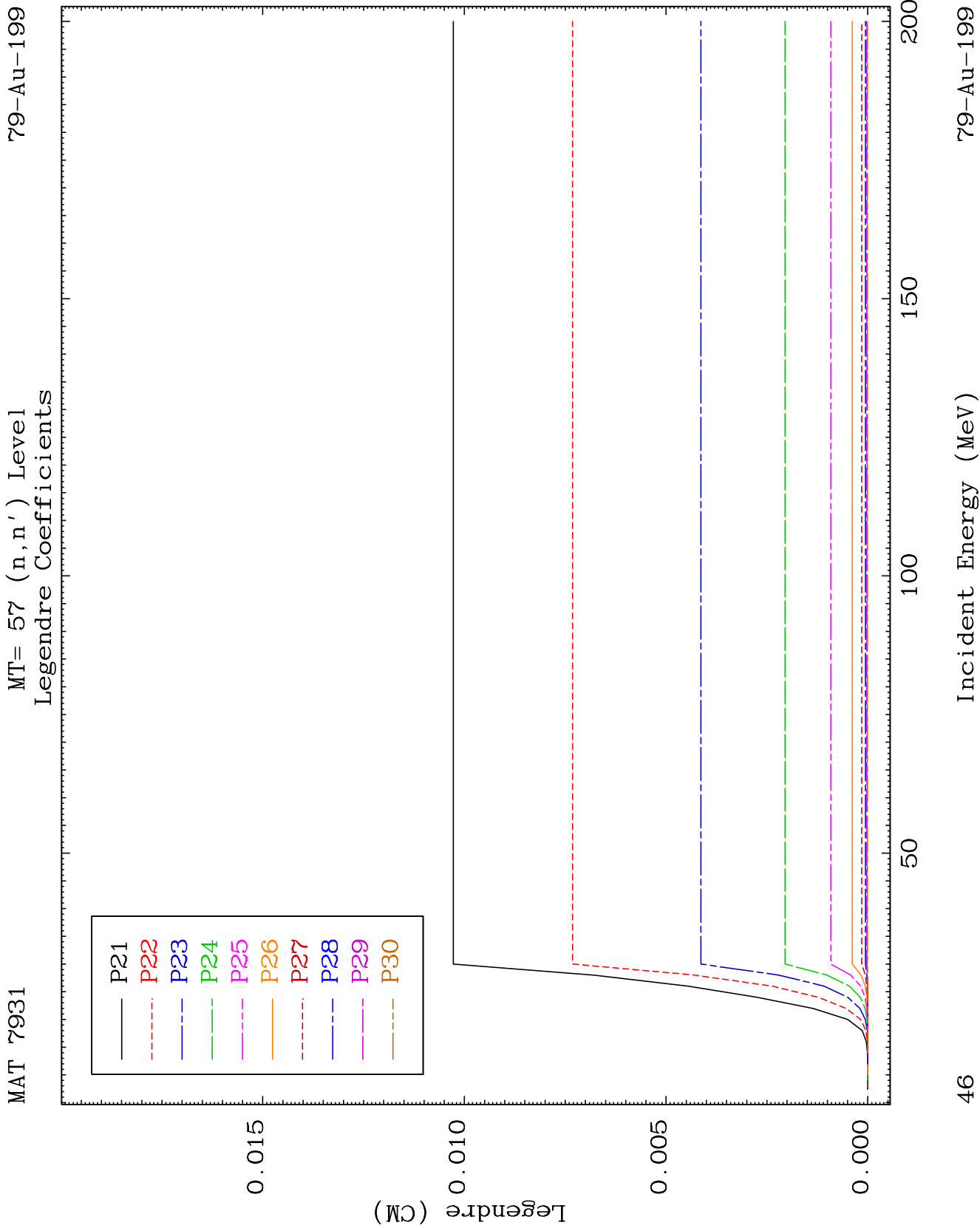
MAT 7931

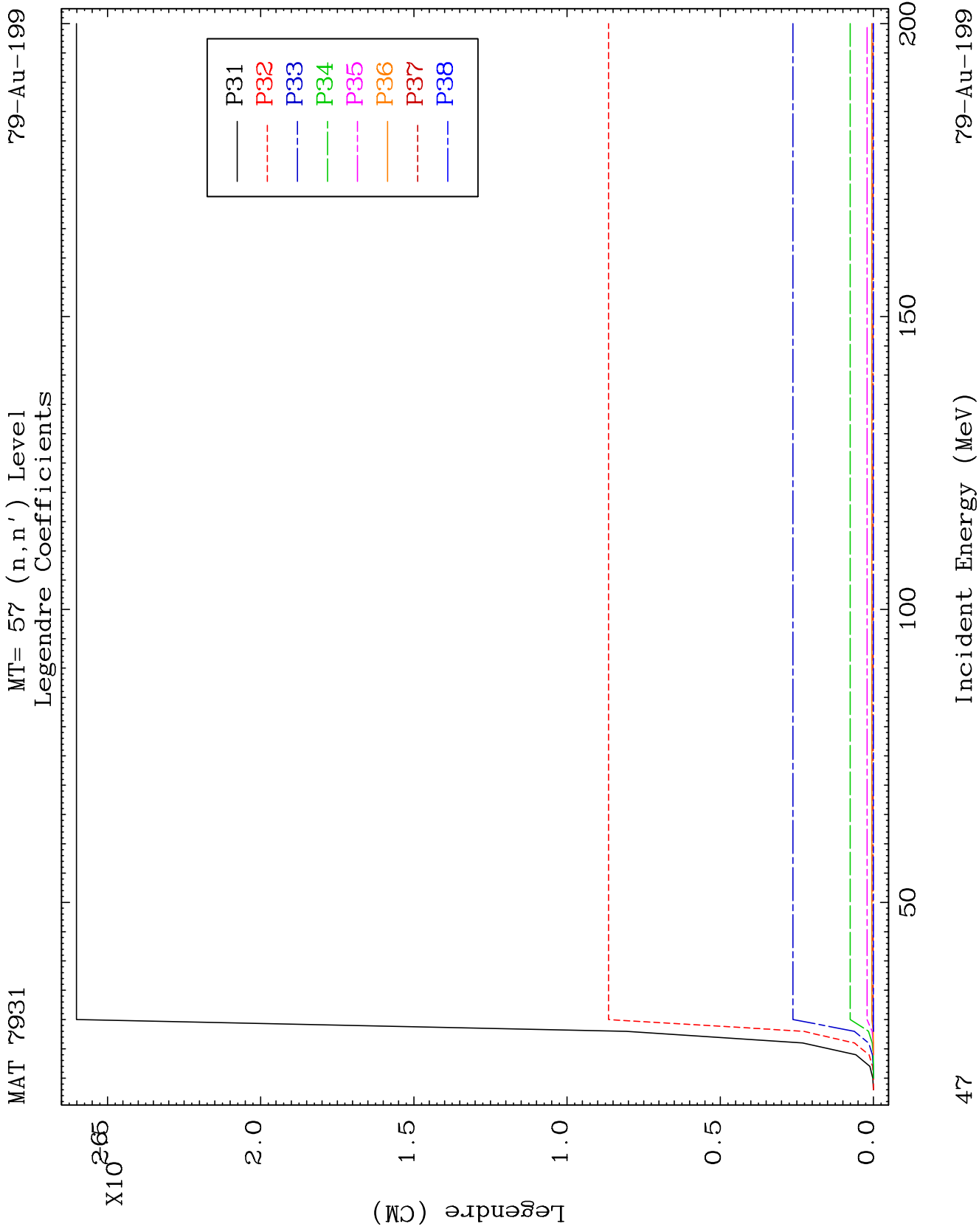
MT= 57 (n, n') Level
Legendre Coefficients

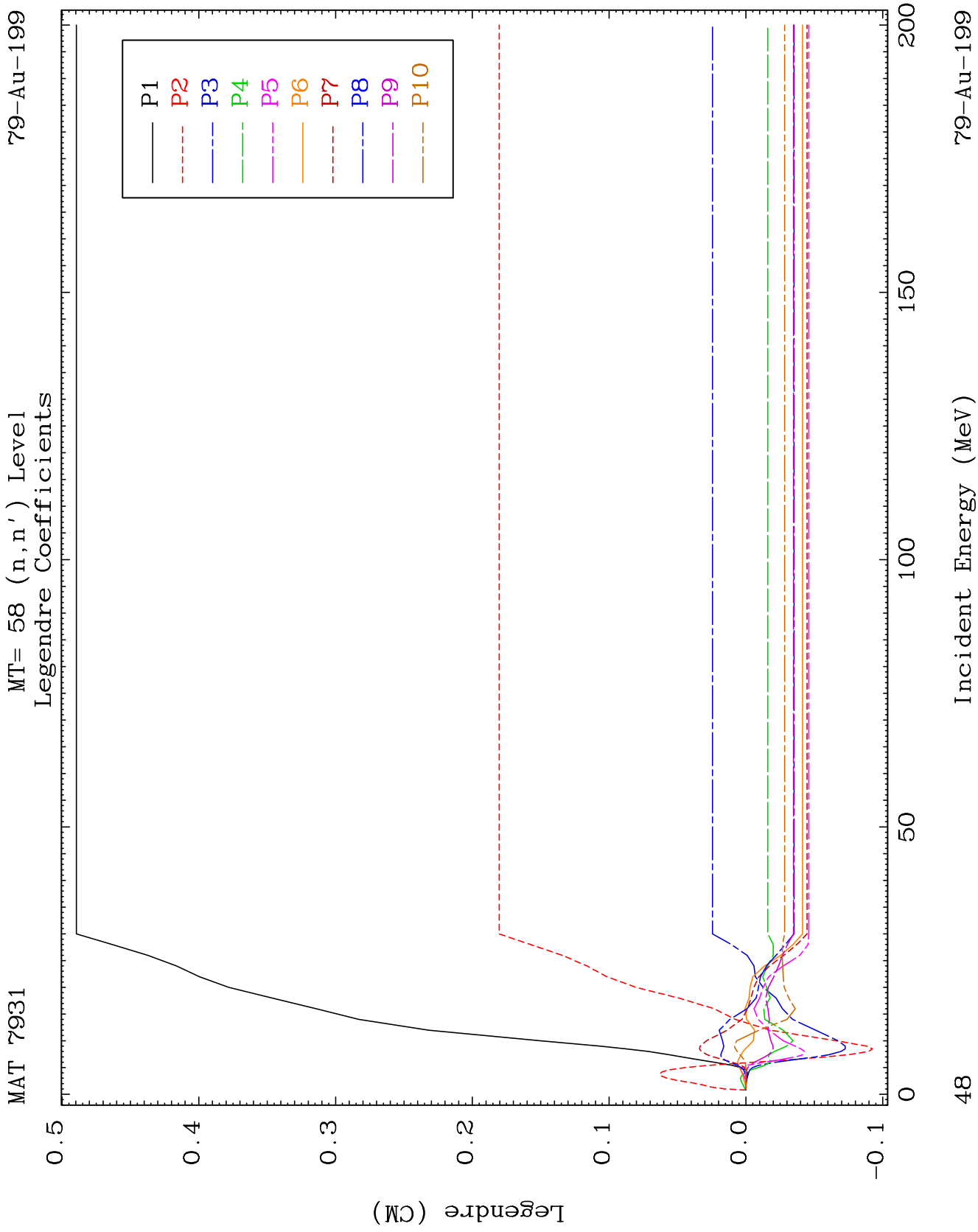
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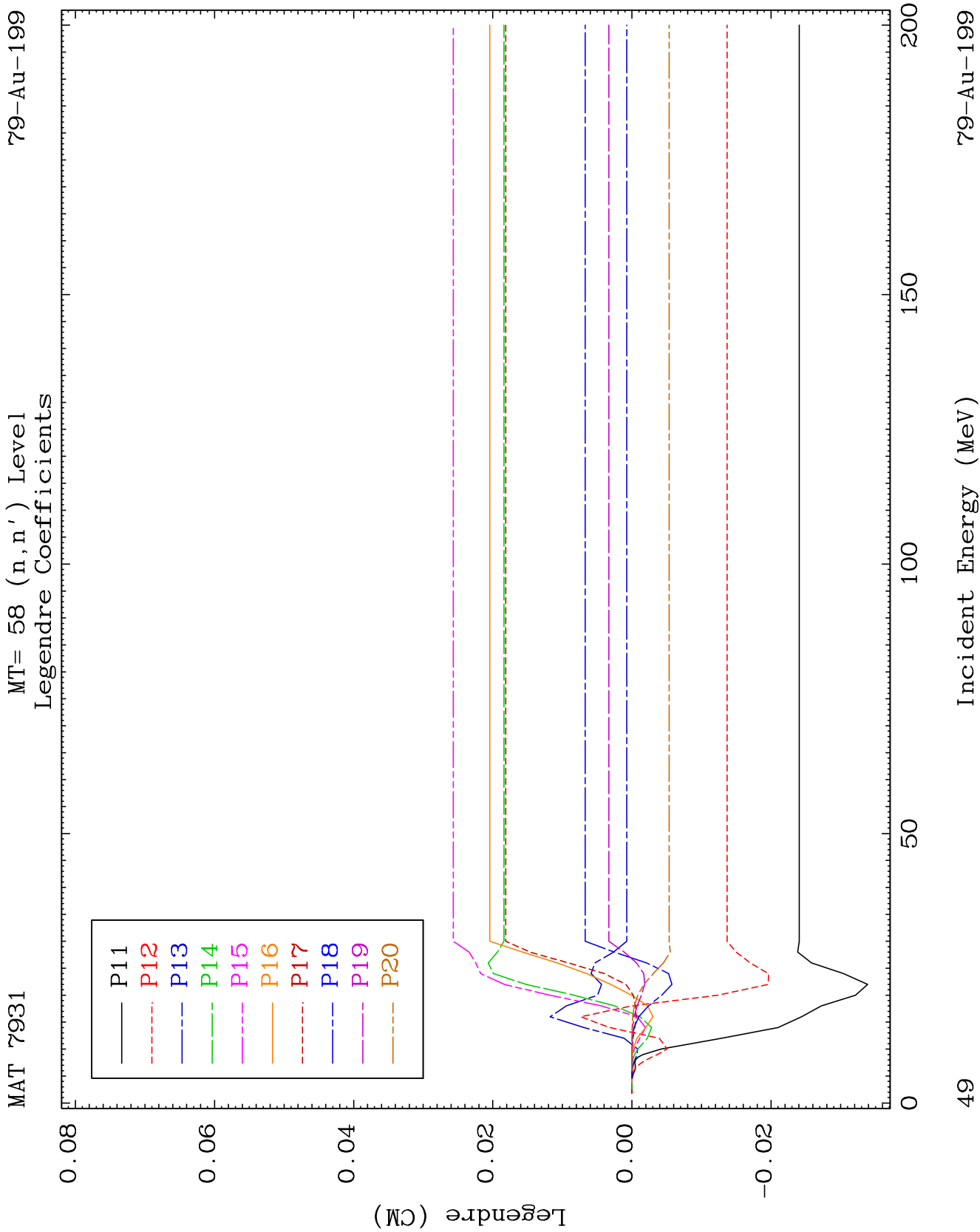








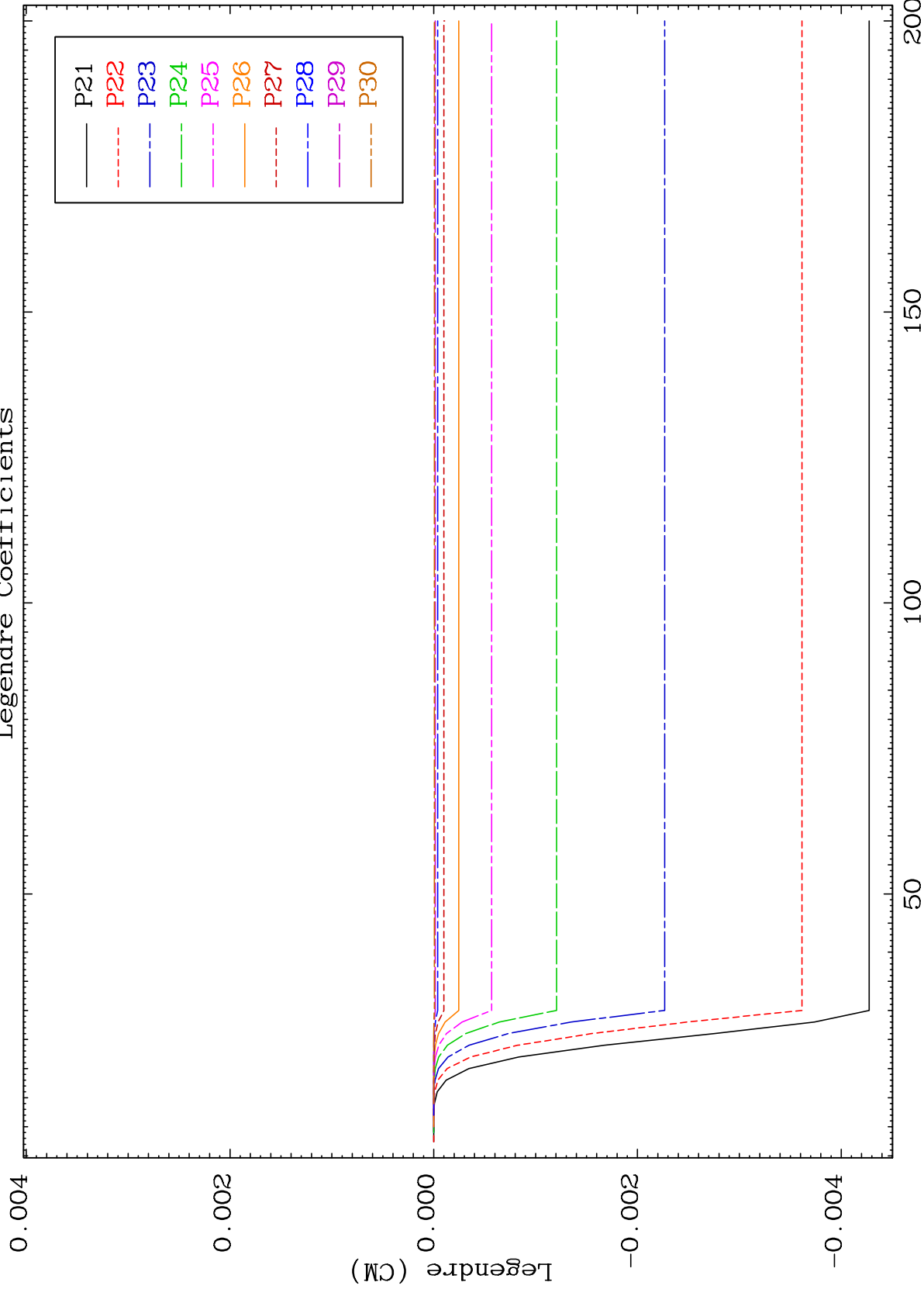




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MT= 58 (n, n') Level
Legendre Coefficients

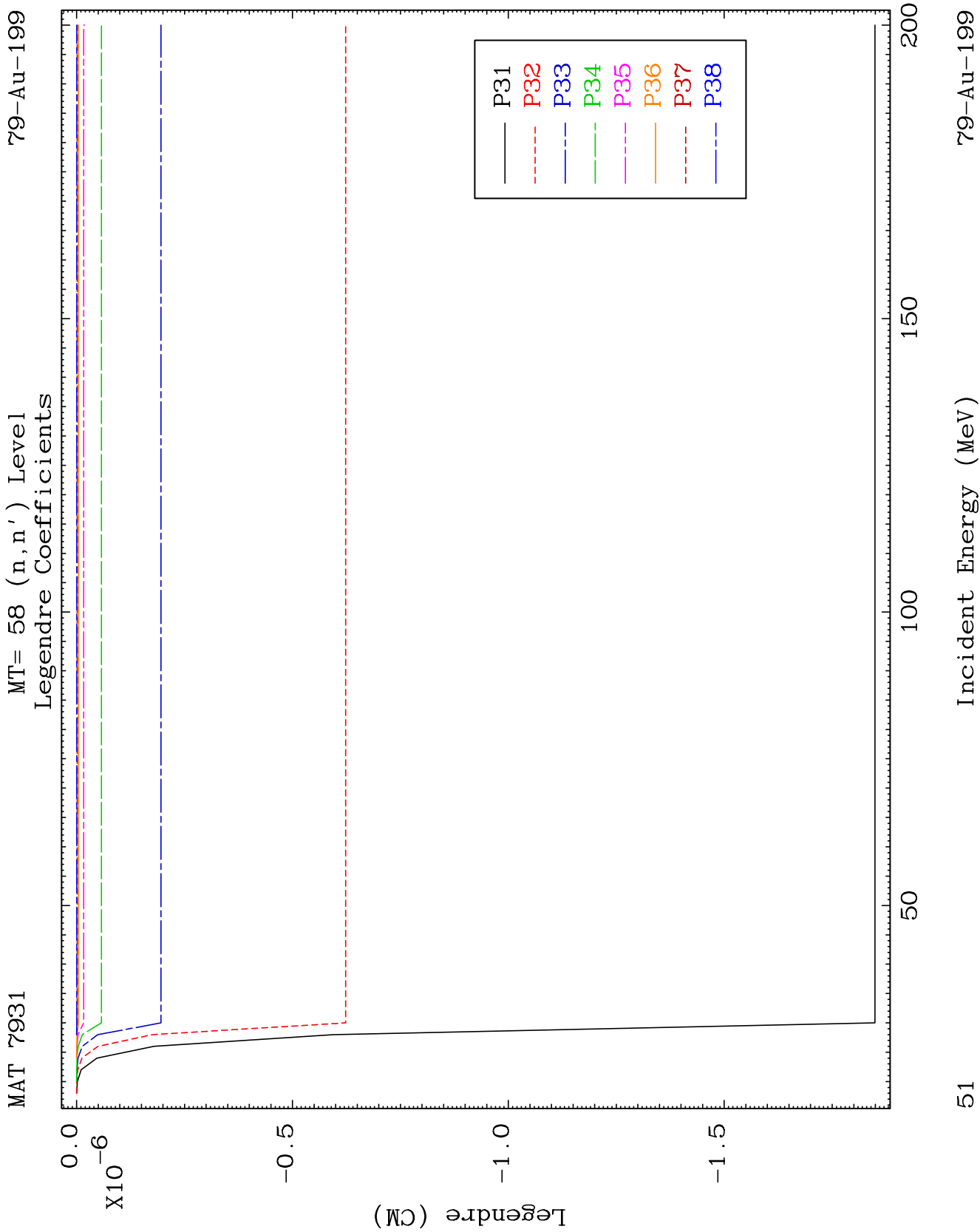
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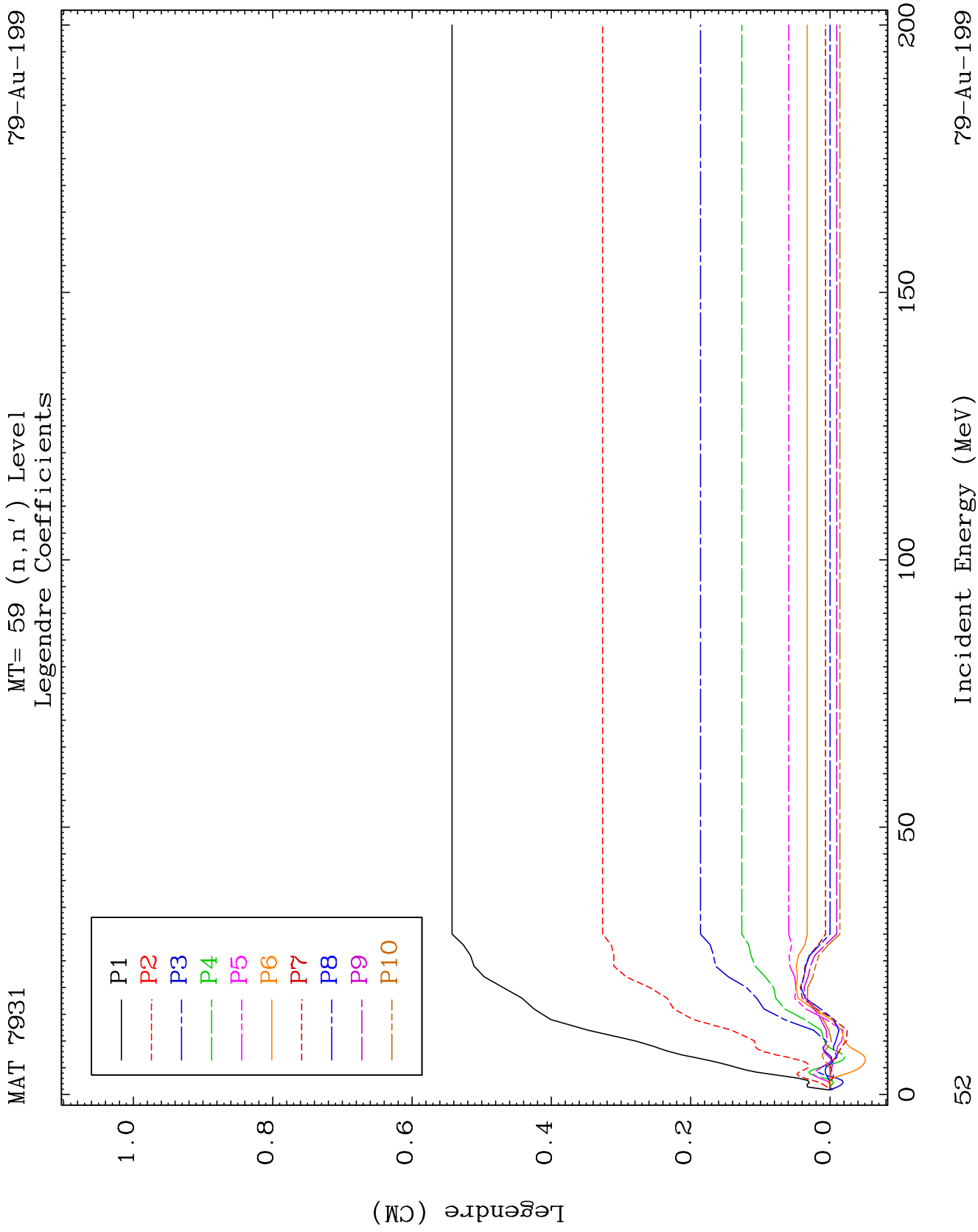


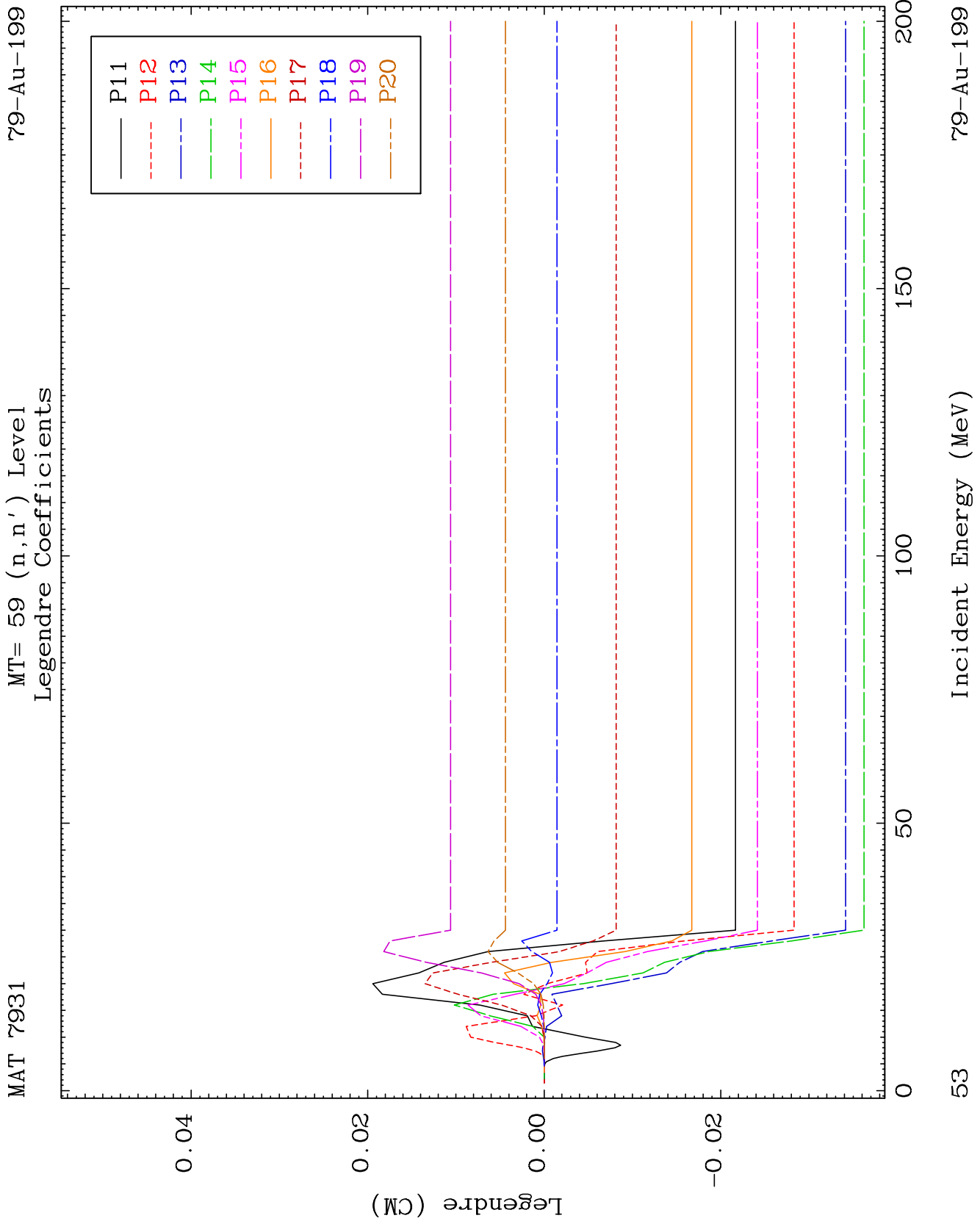
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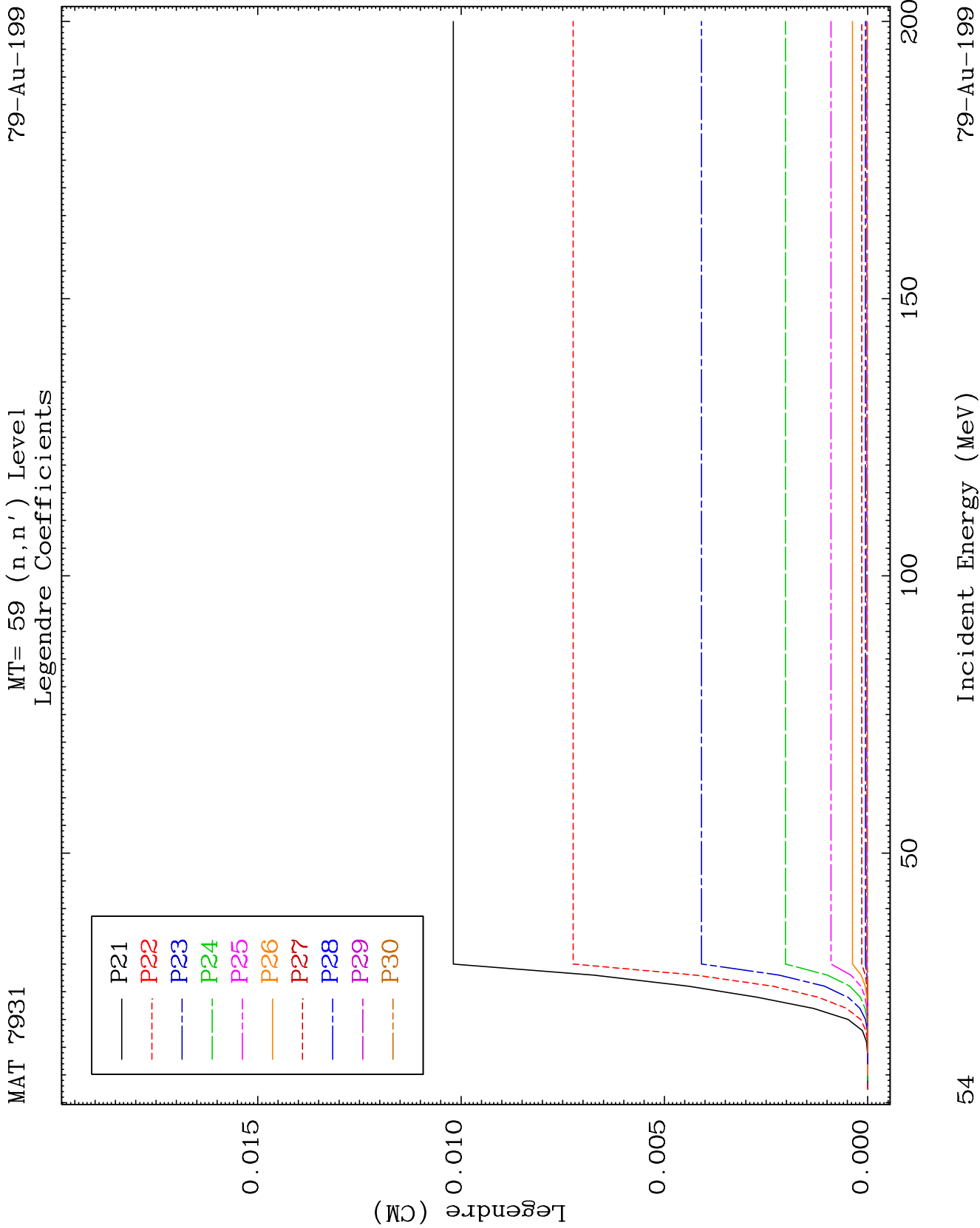
Incident Energy (MeV)

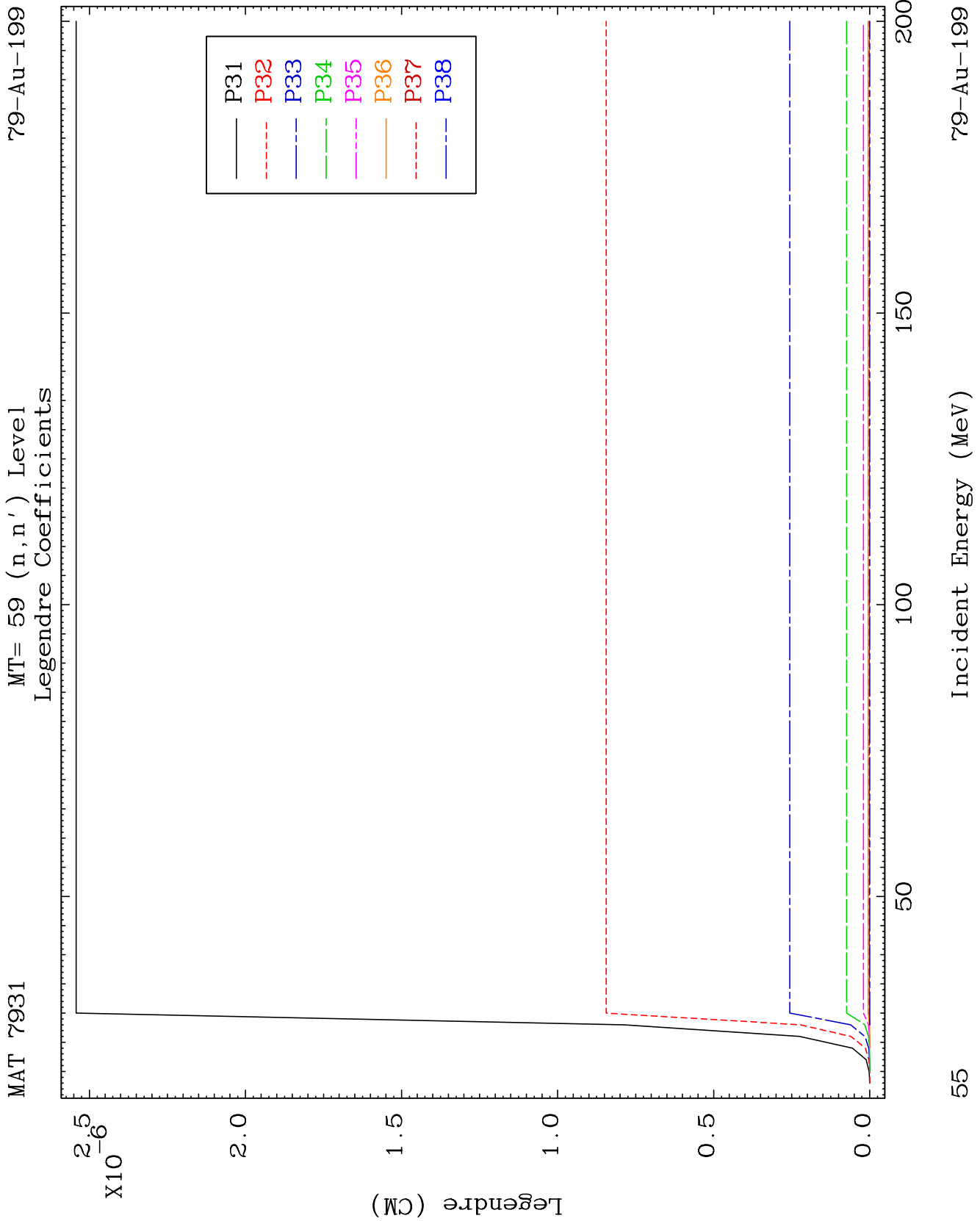
79-Au-199







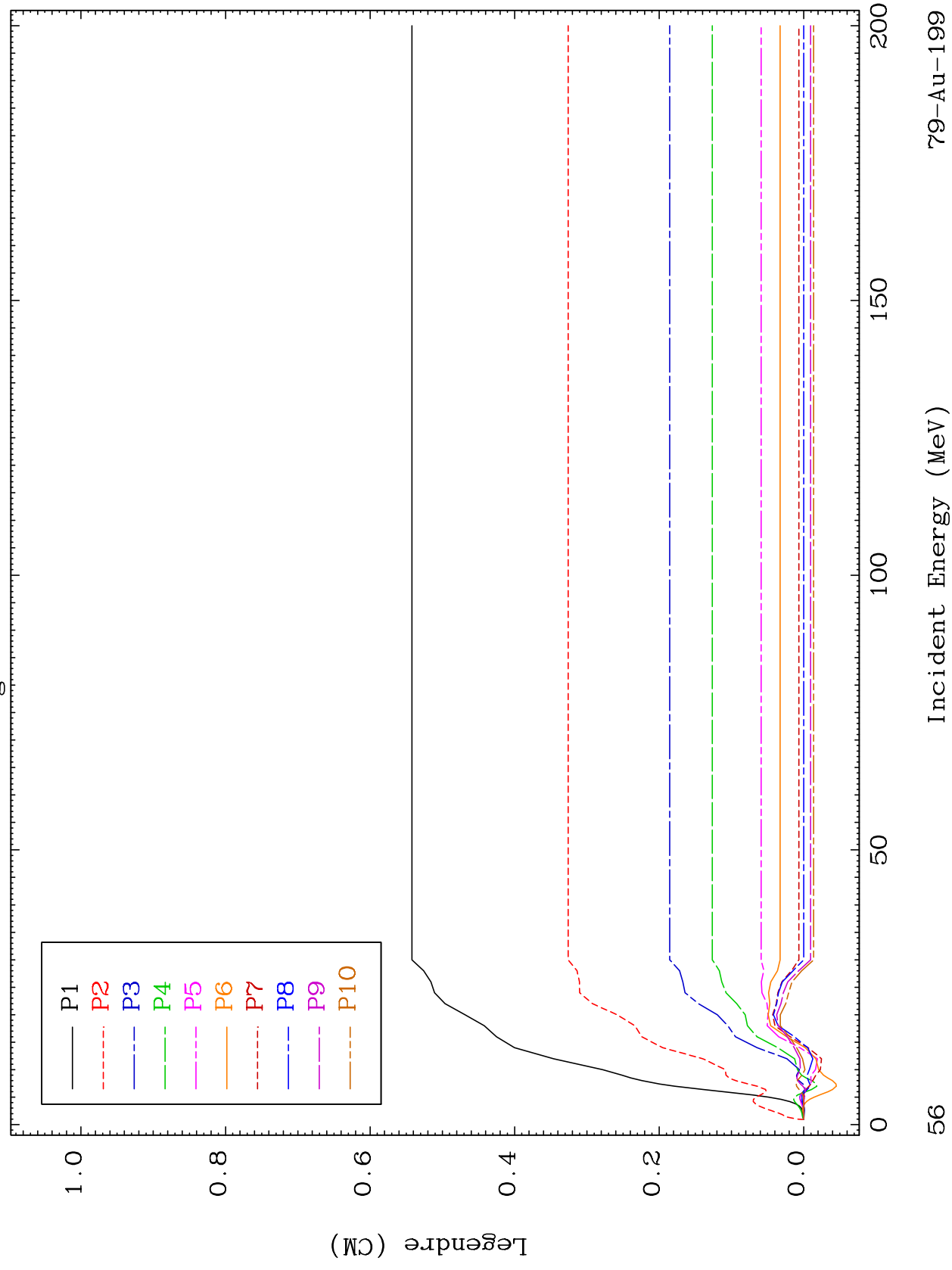


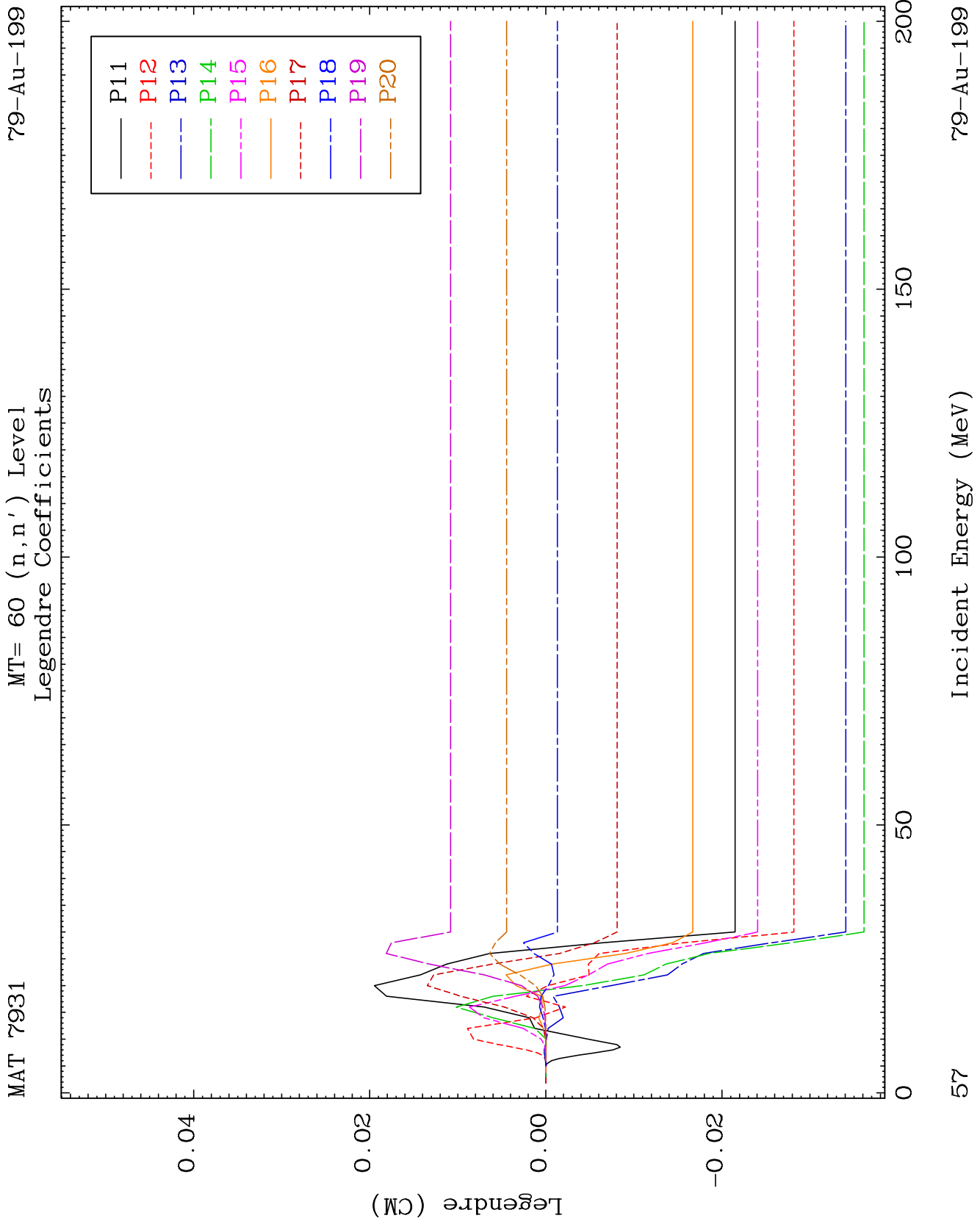


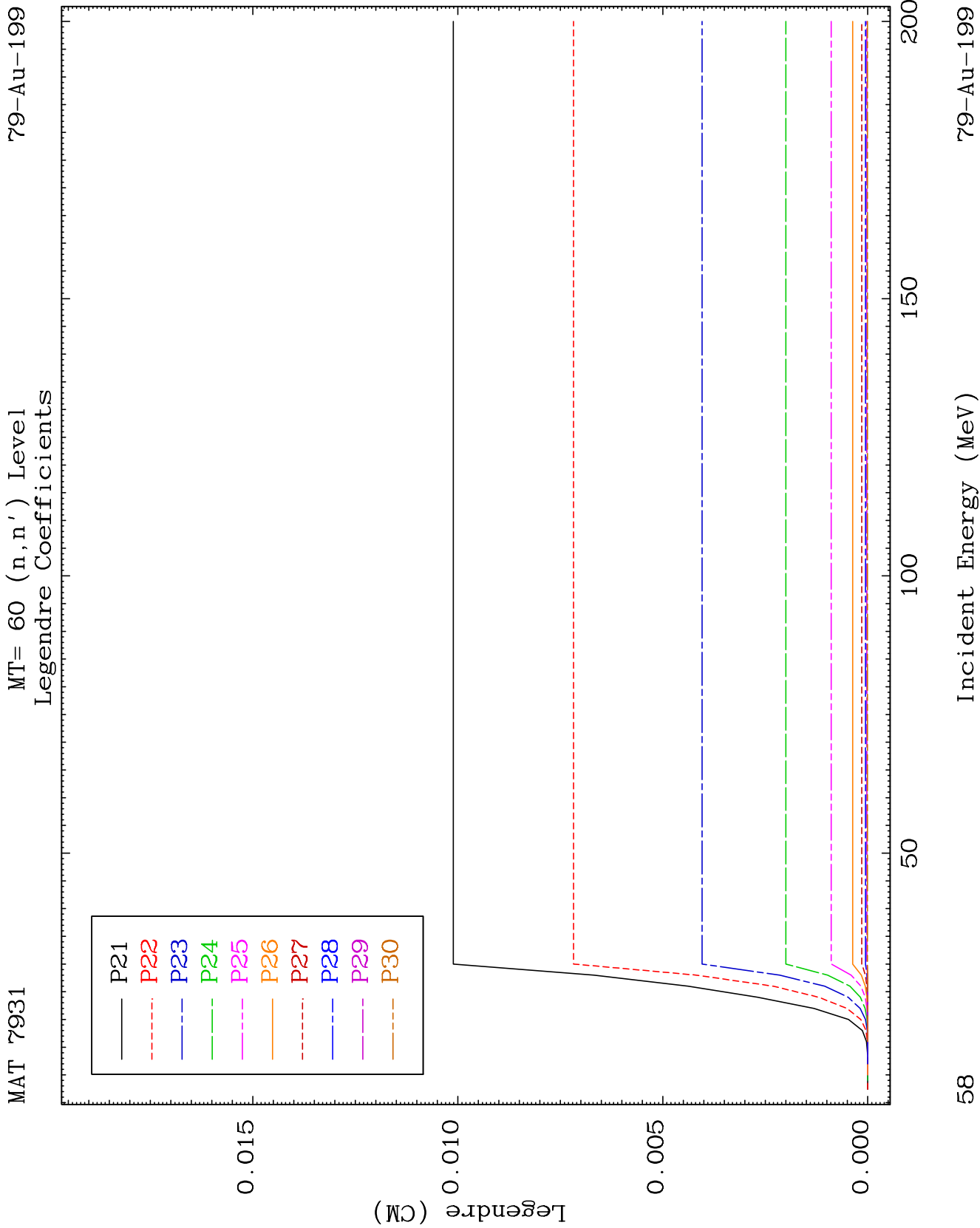
MAT 7931

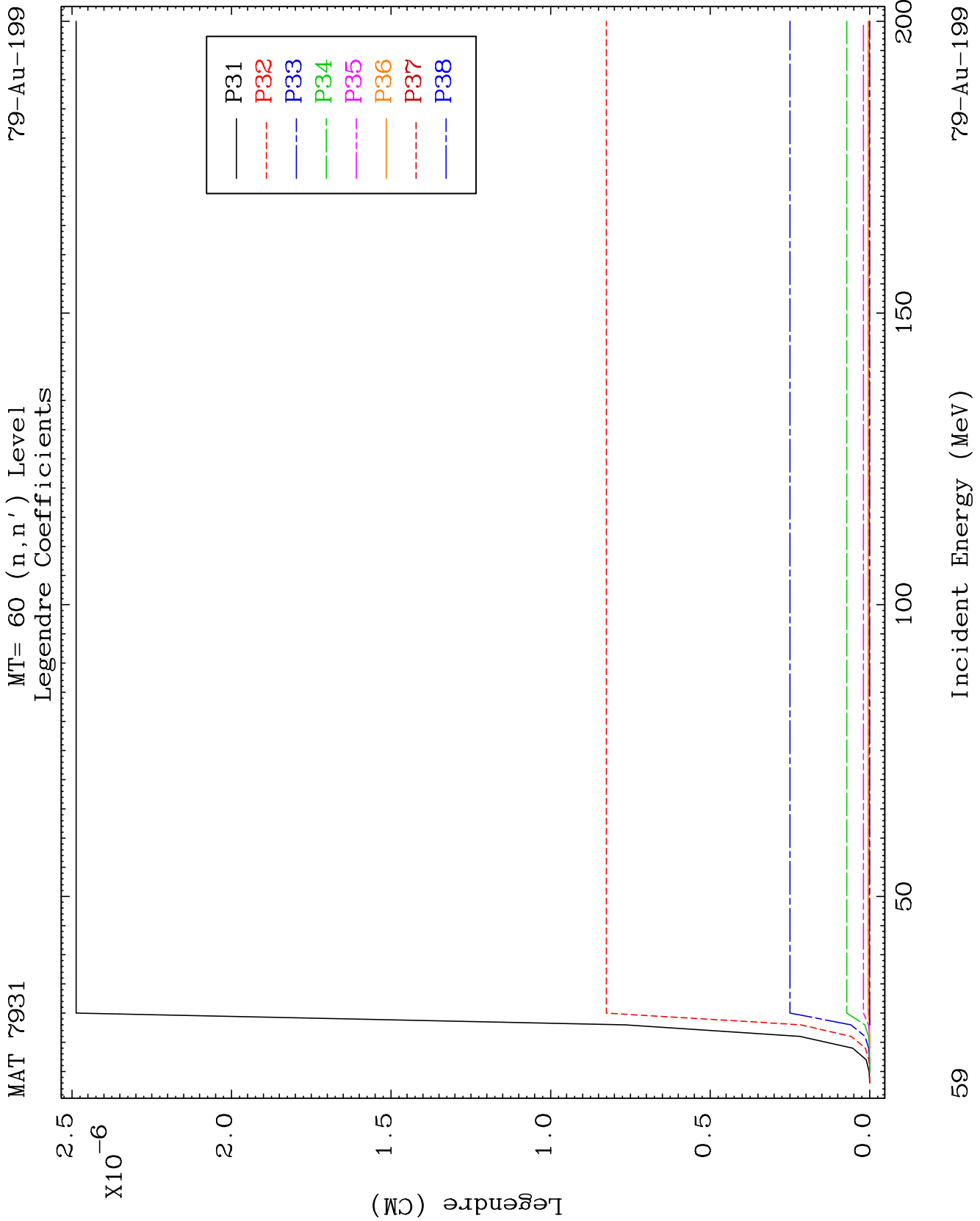
MT= 60 (n, n') Level
Legendre Coefficients

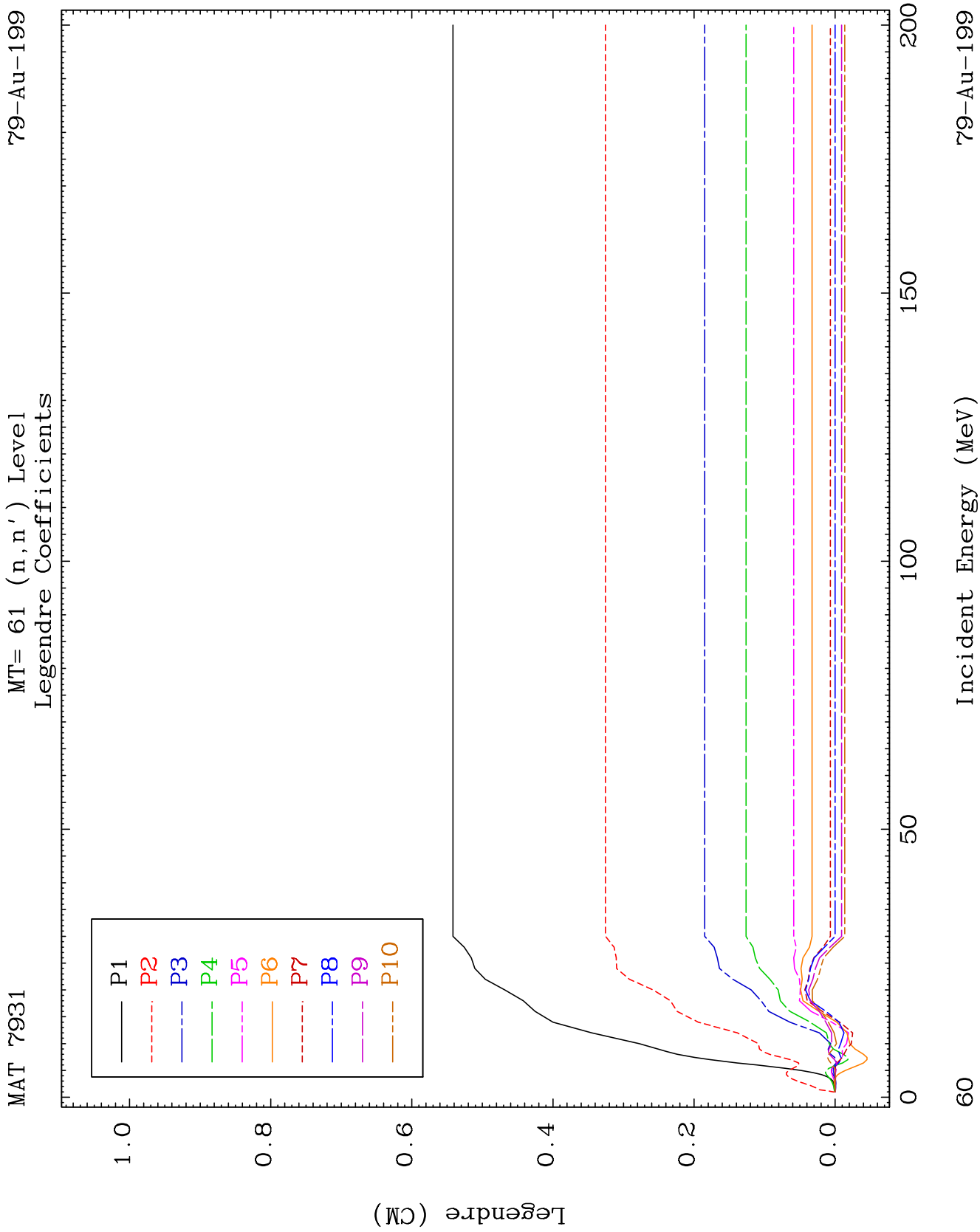
79-Au-199

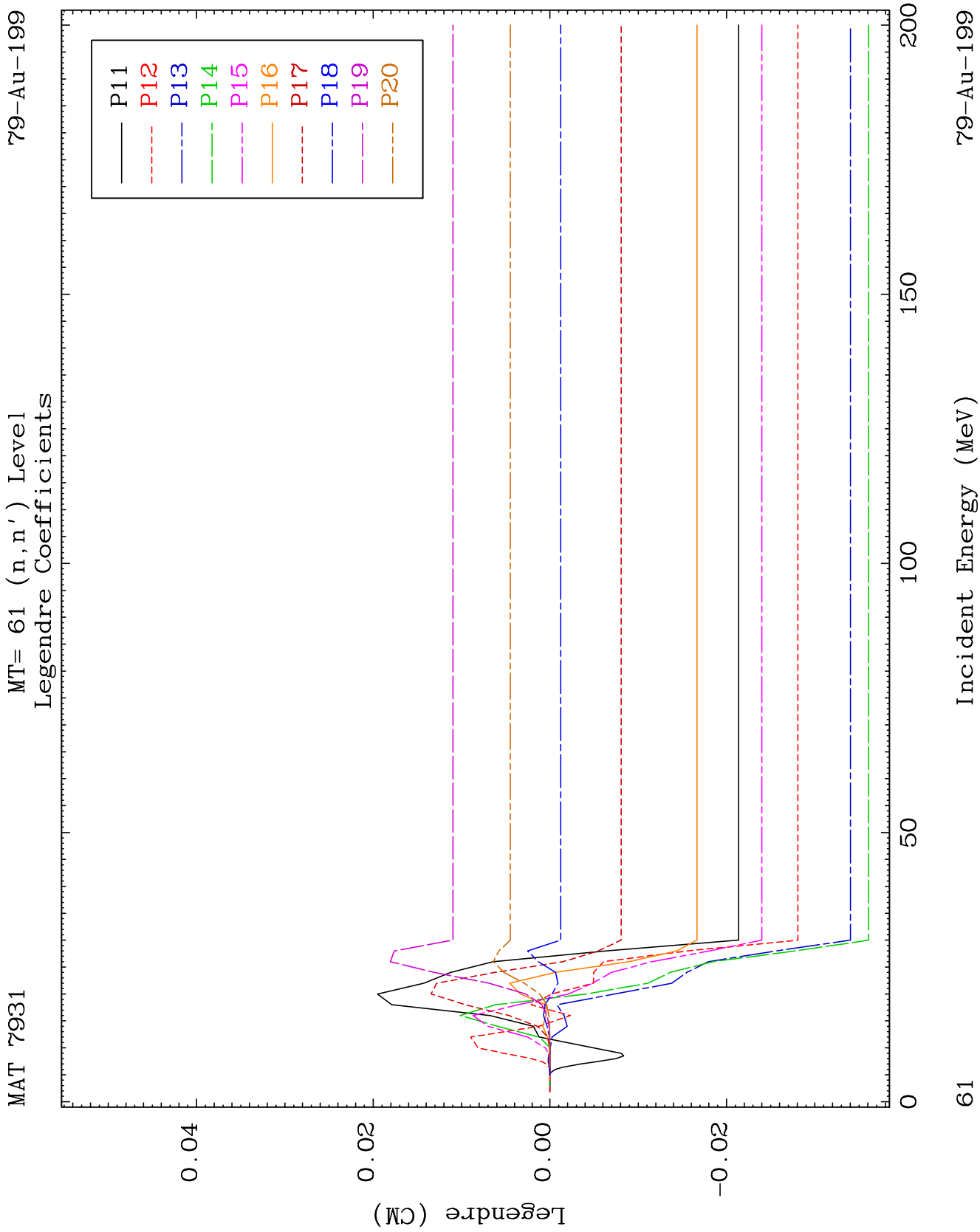


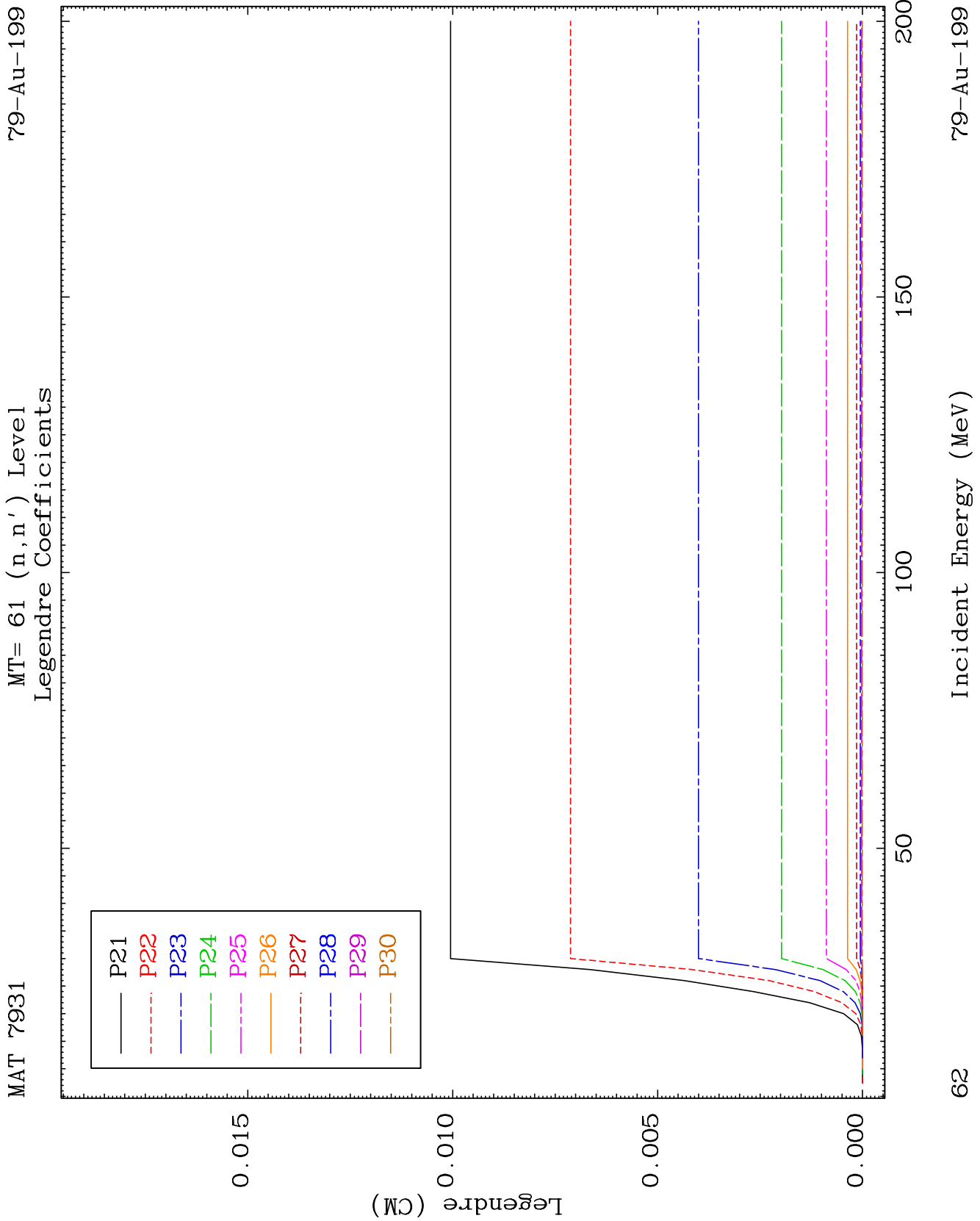








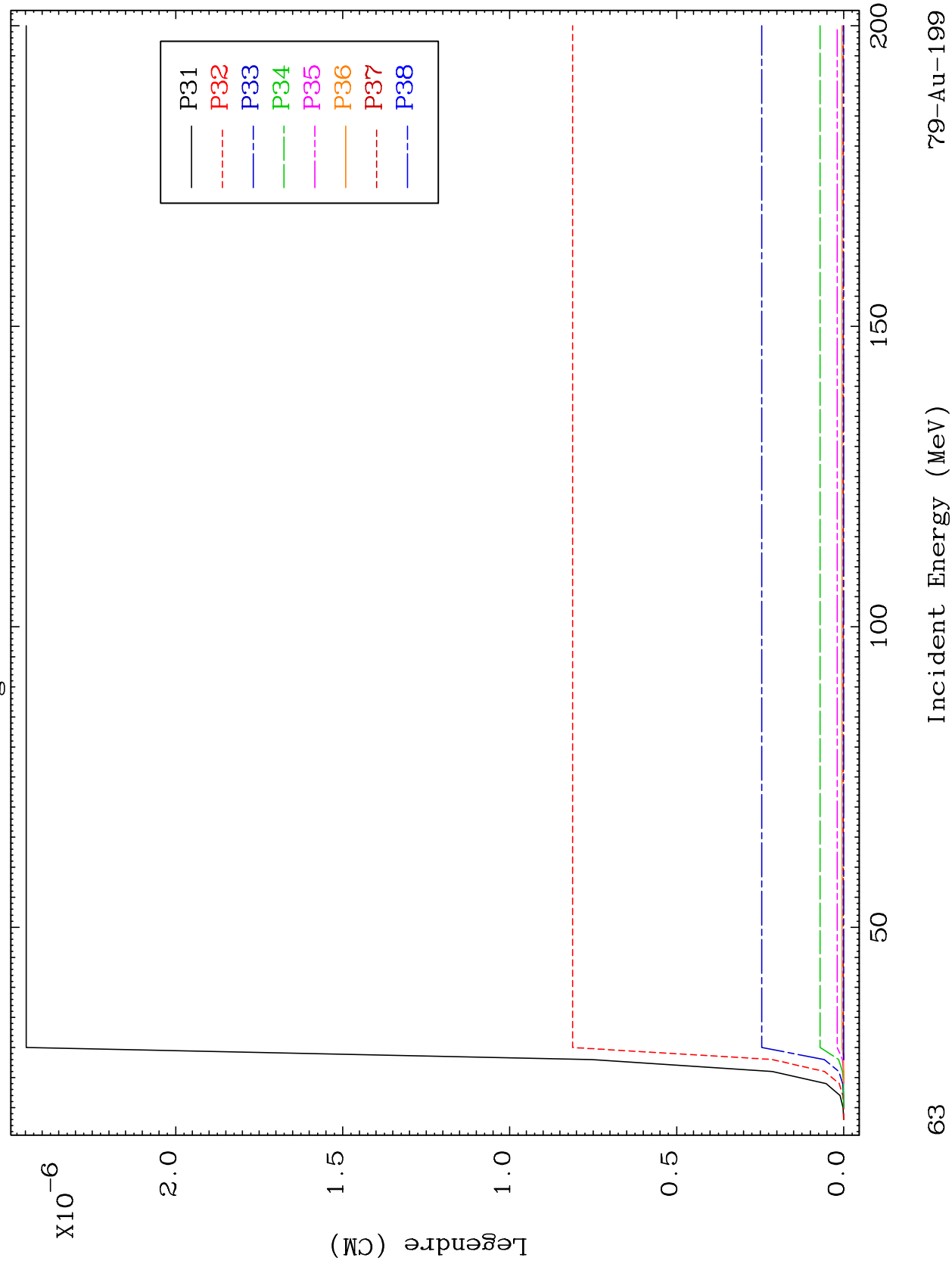


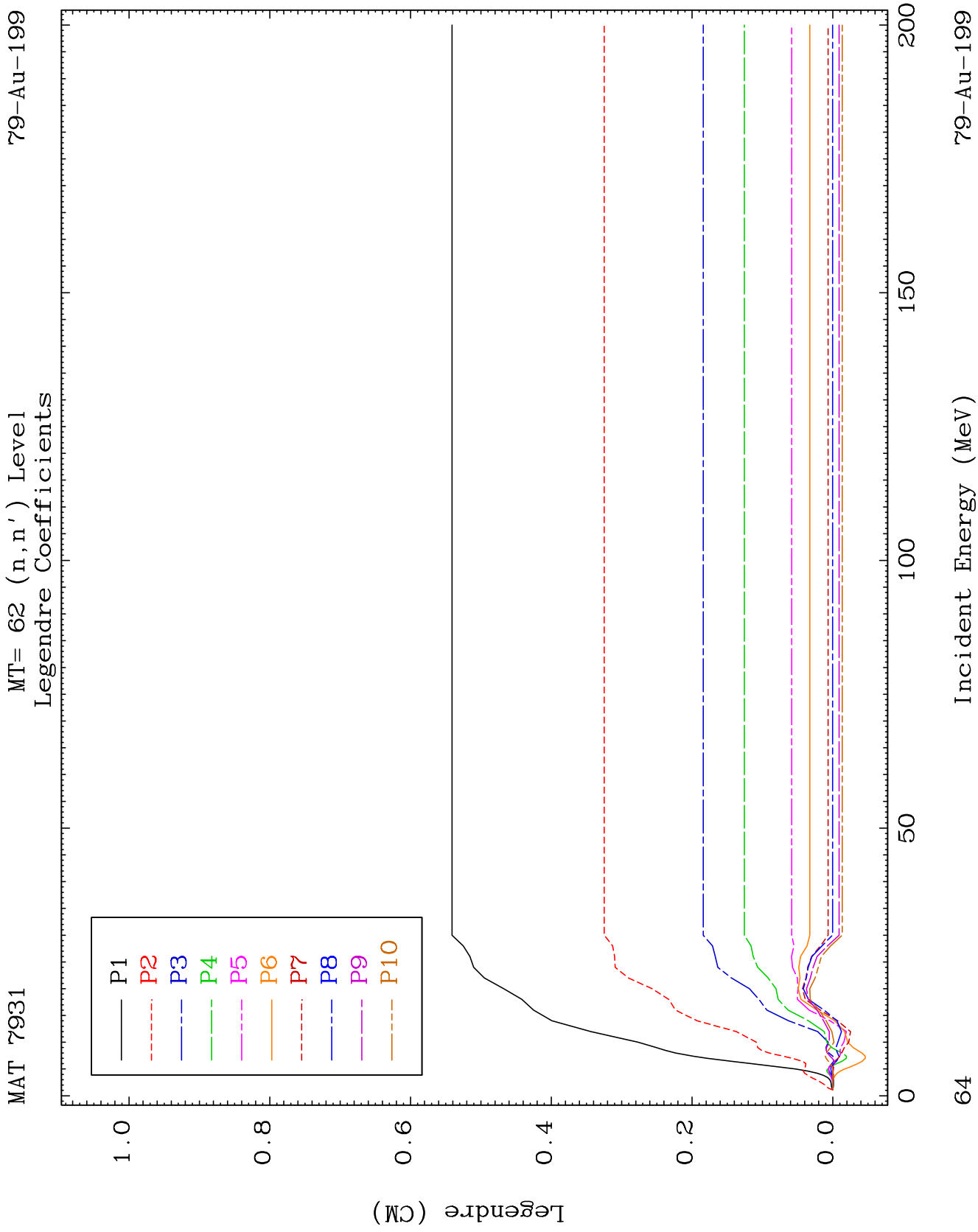


MAT 7931

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

79-Au-199

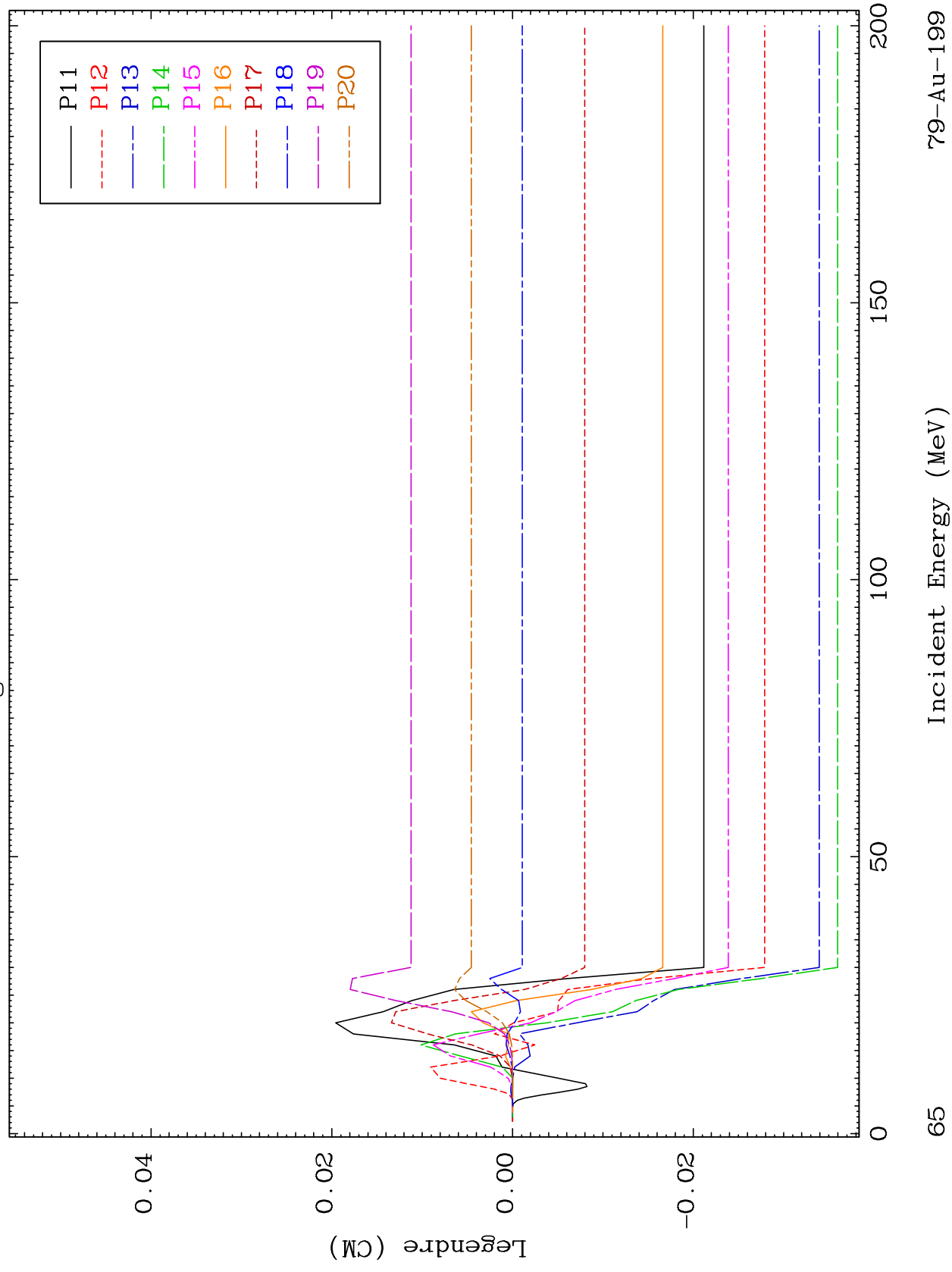


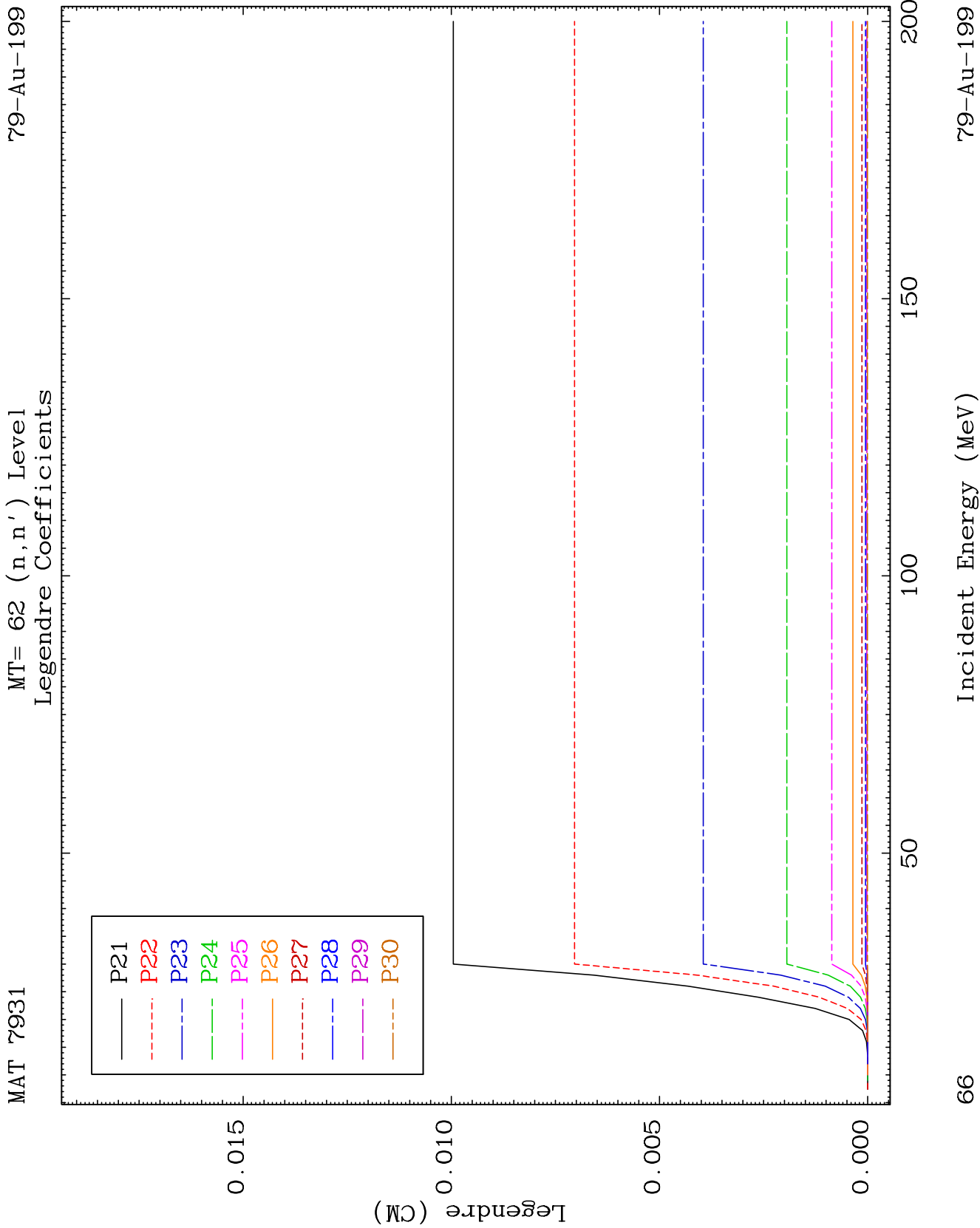


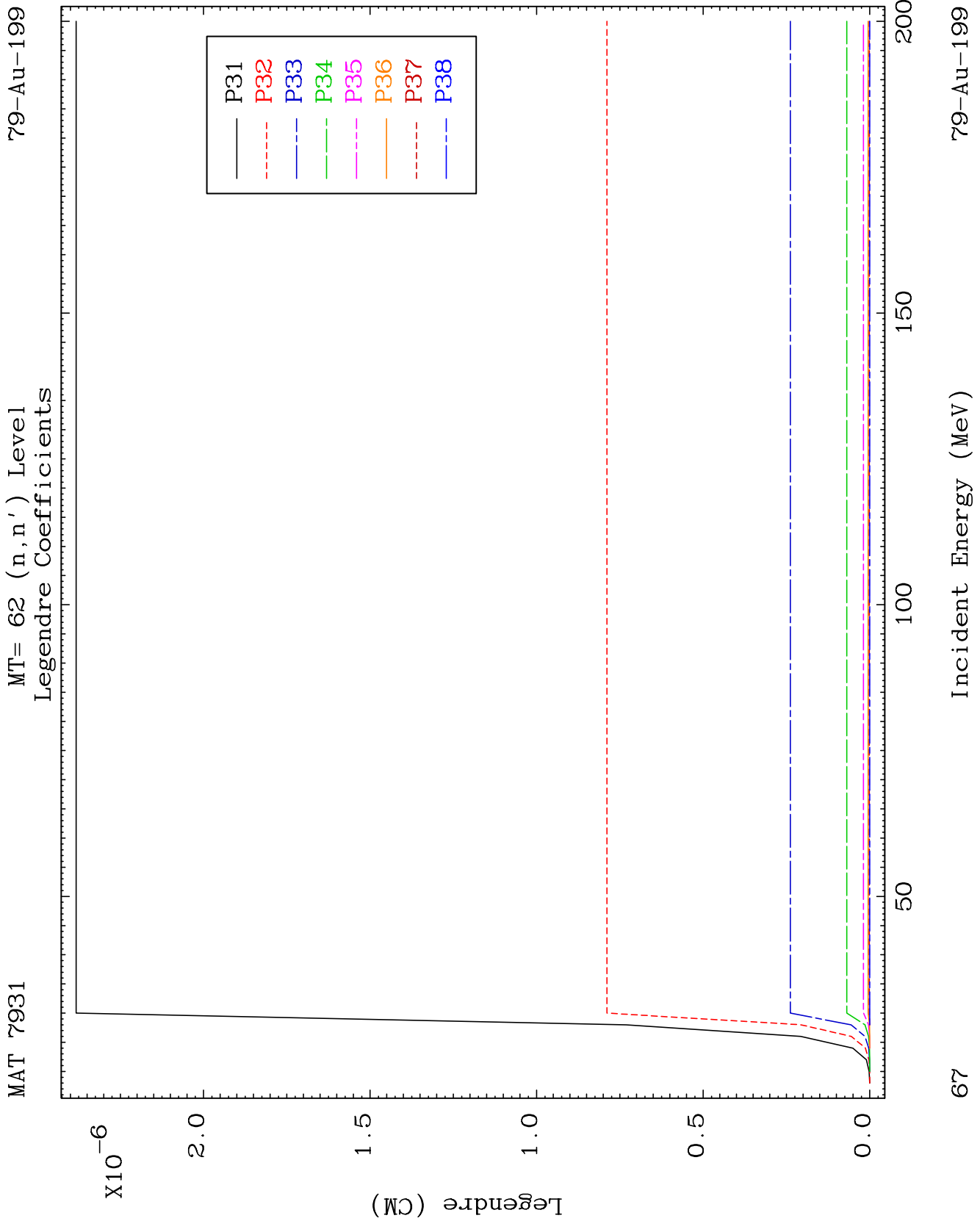
MAT 7931

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

79-Au-199



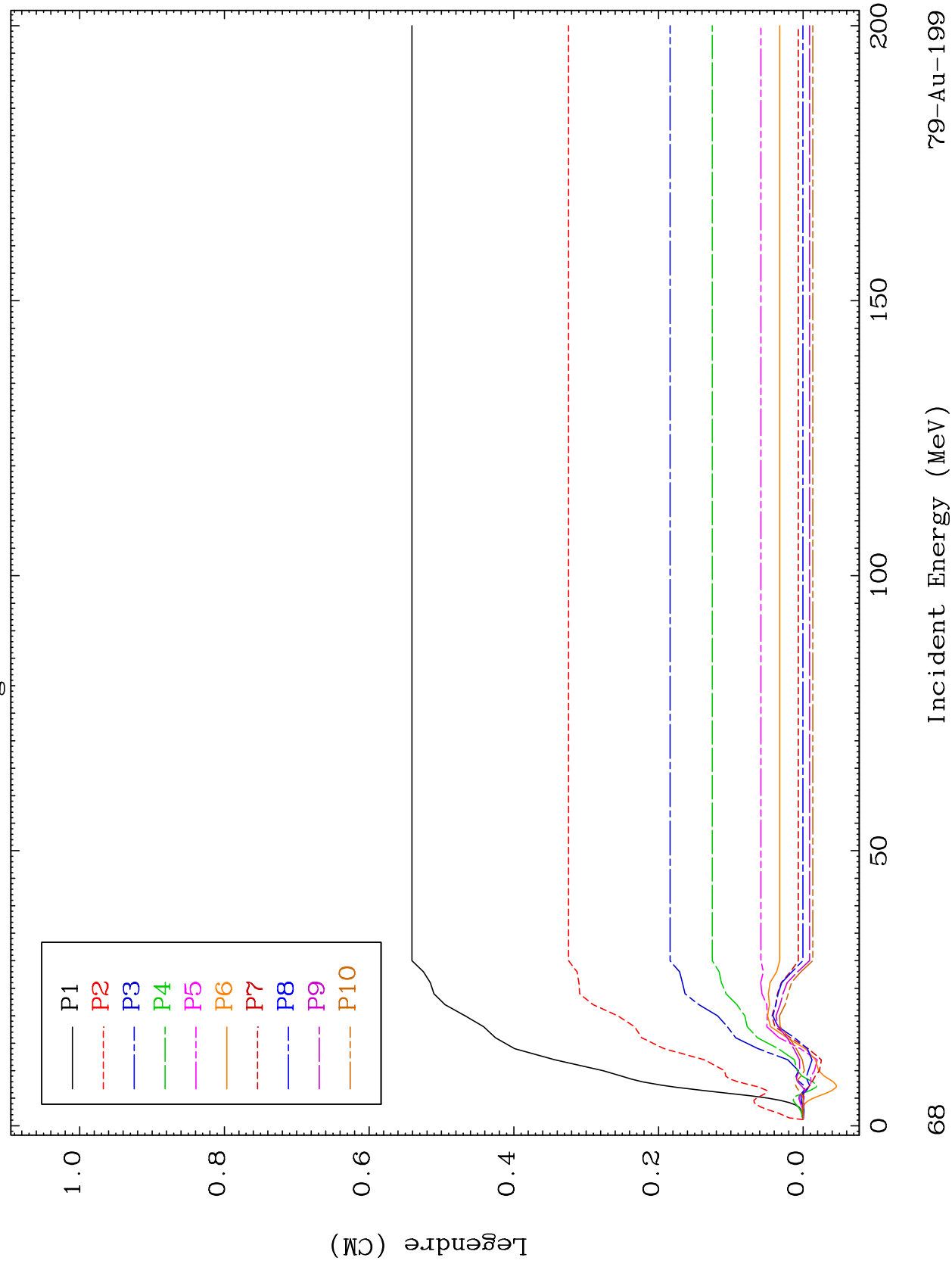


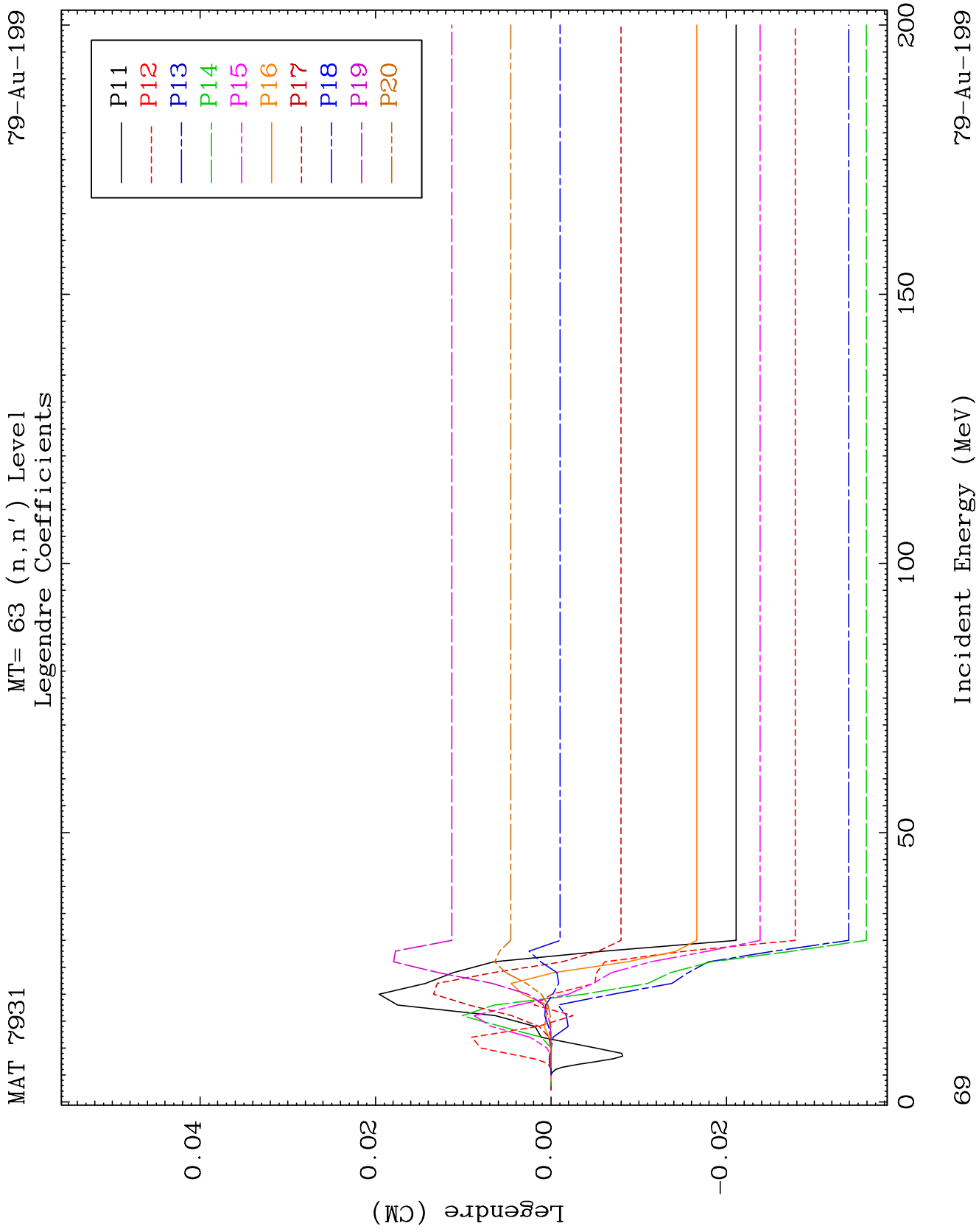


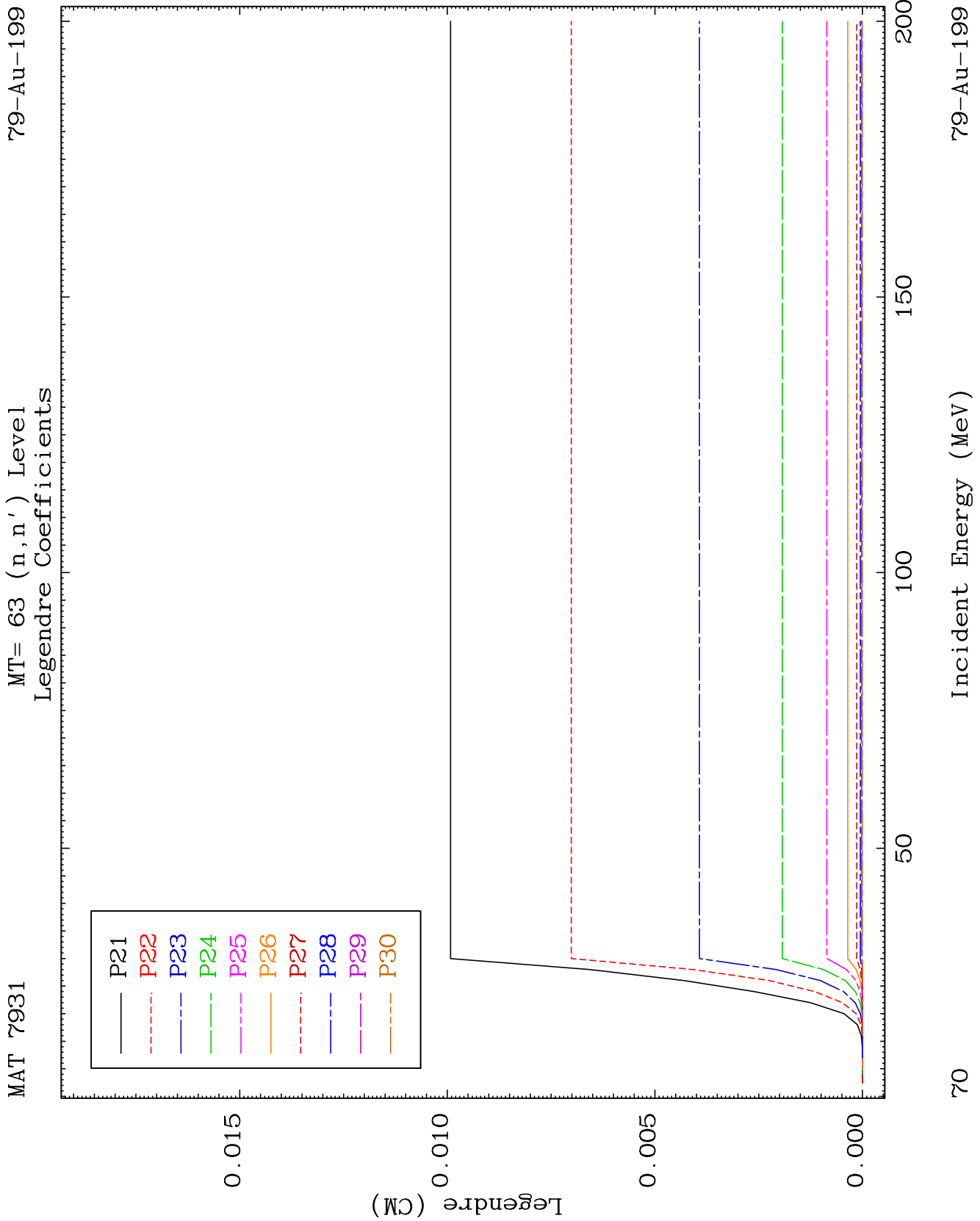
MAT 7931

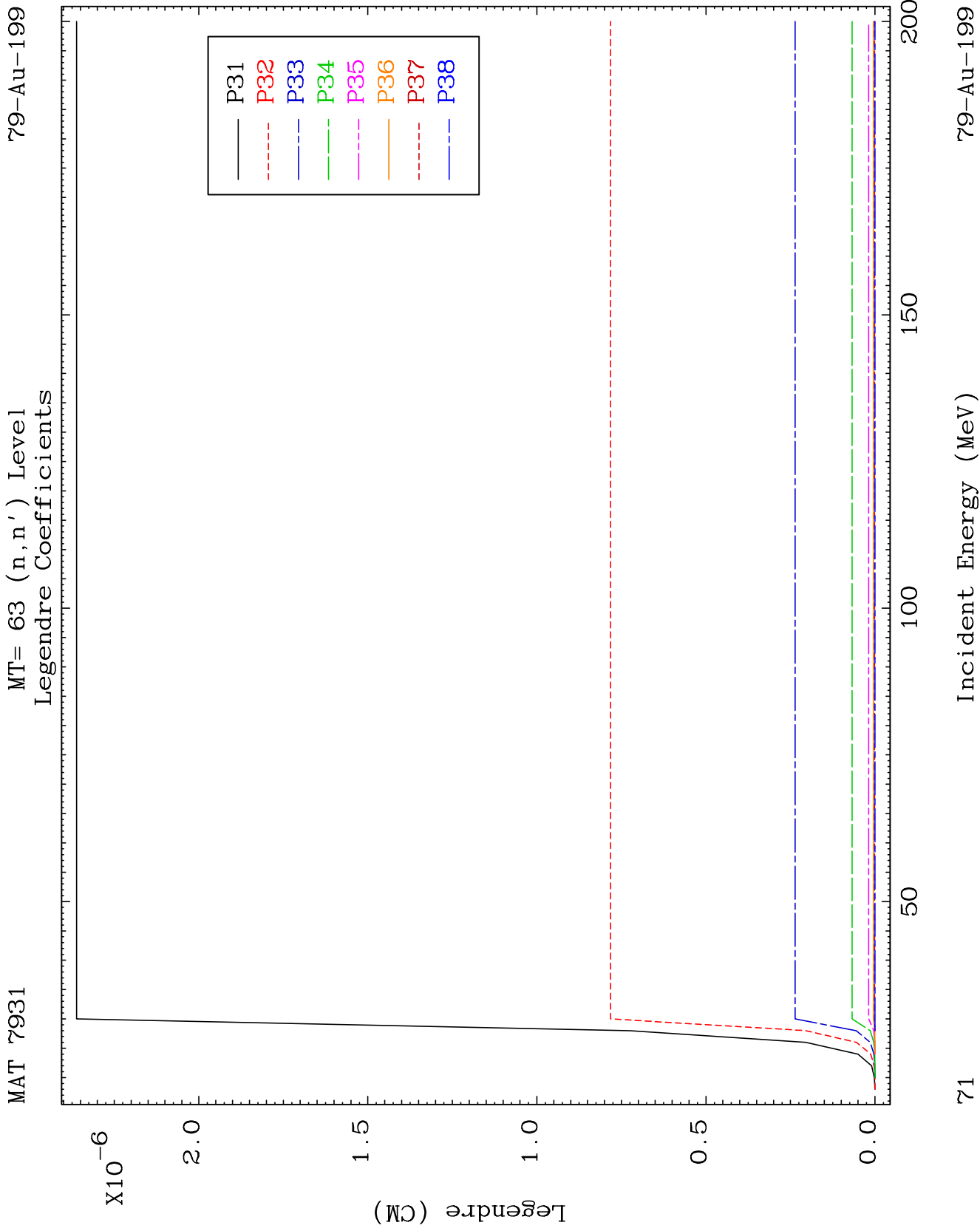
MT= 63 (n, n') Level
Legendre Coefficients

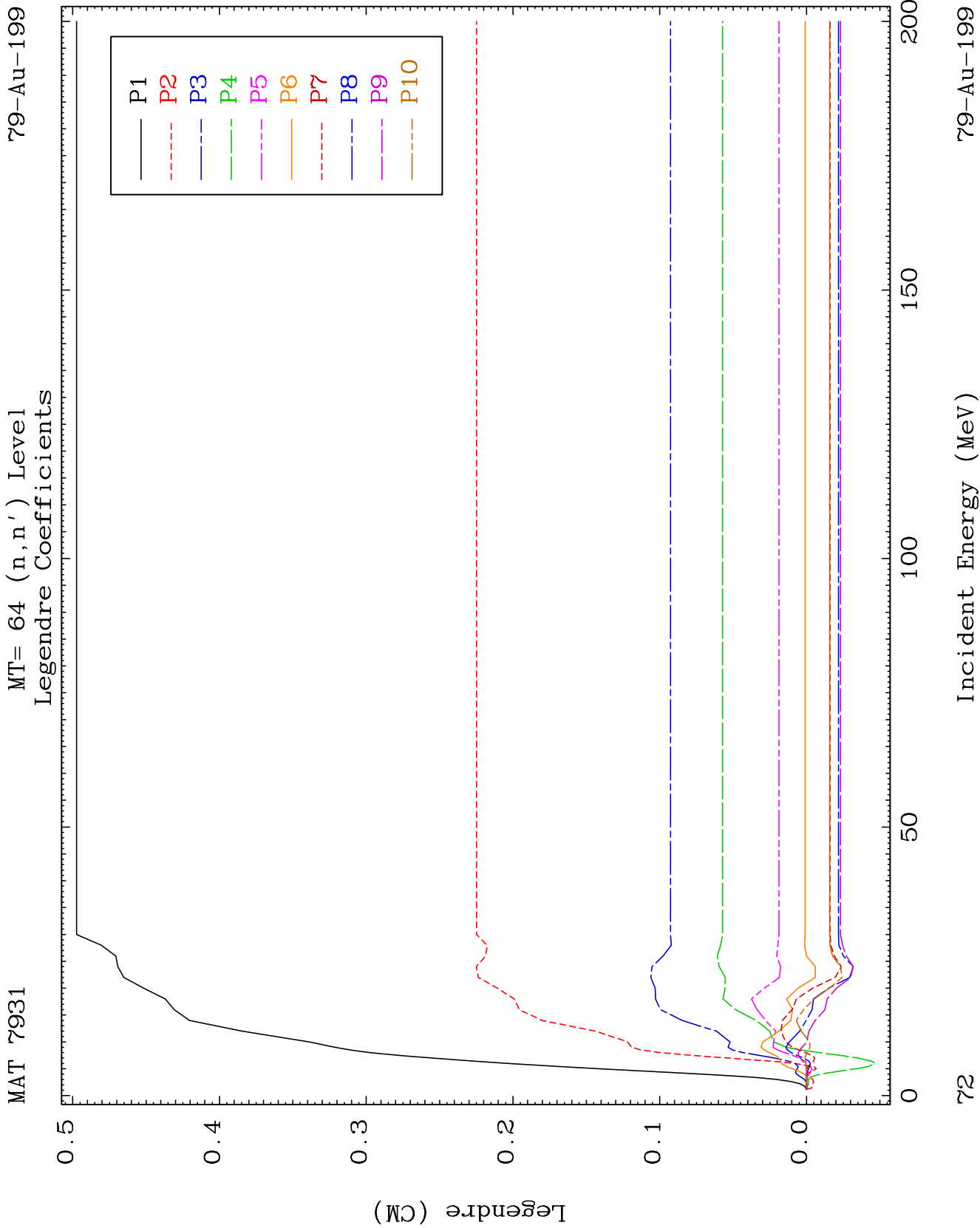
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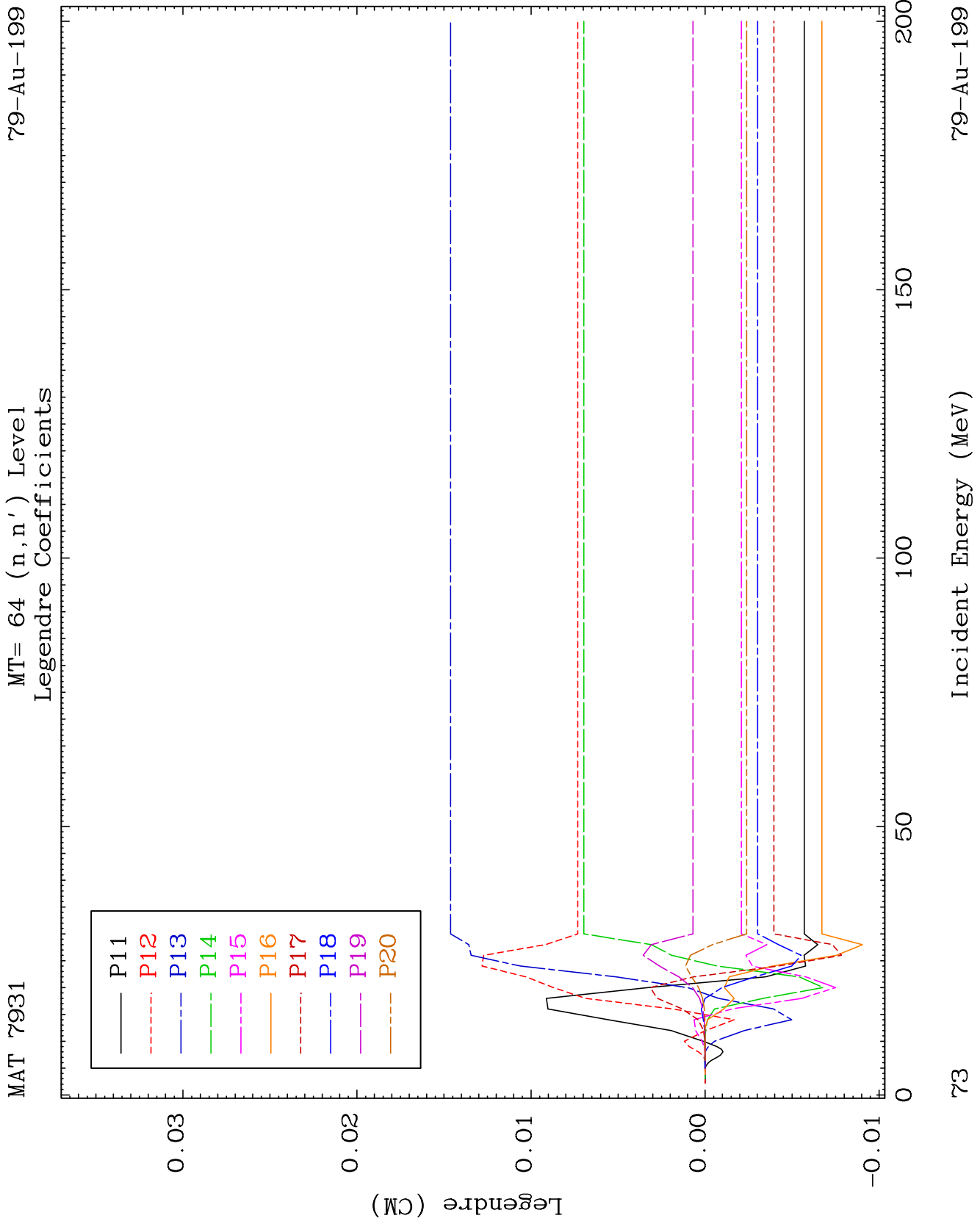


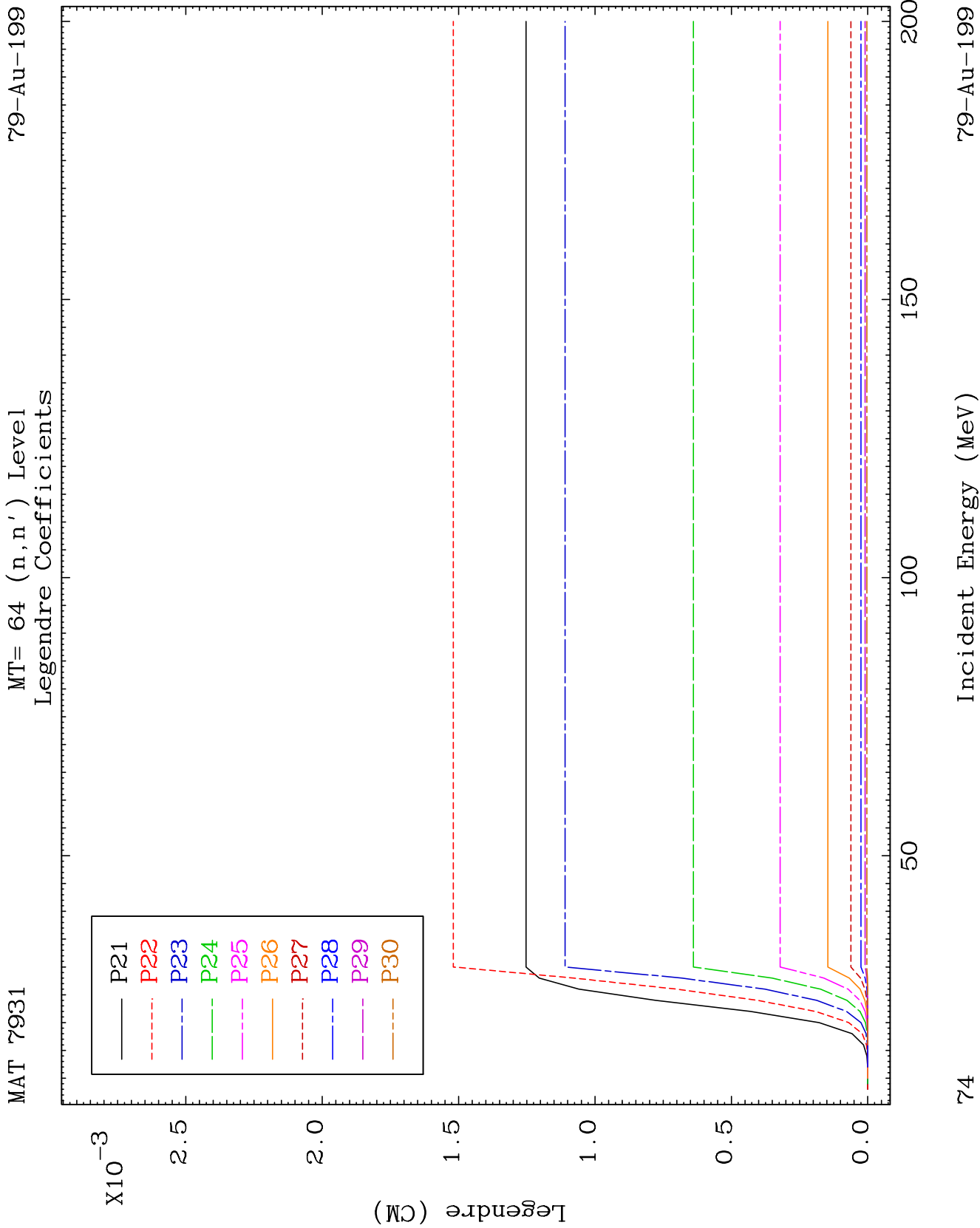


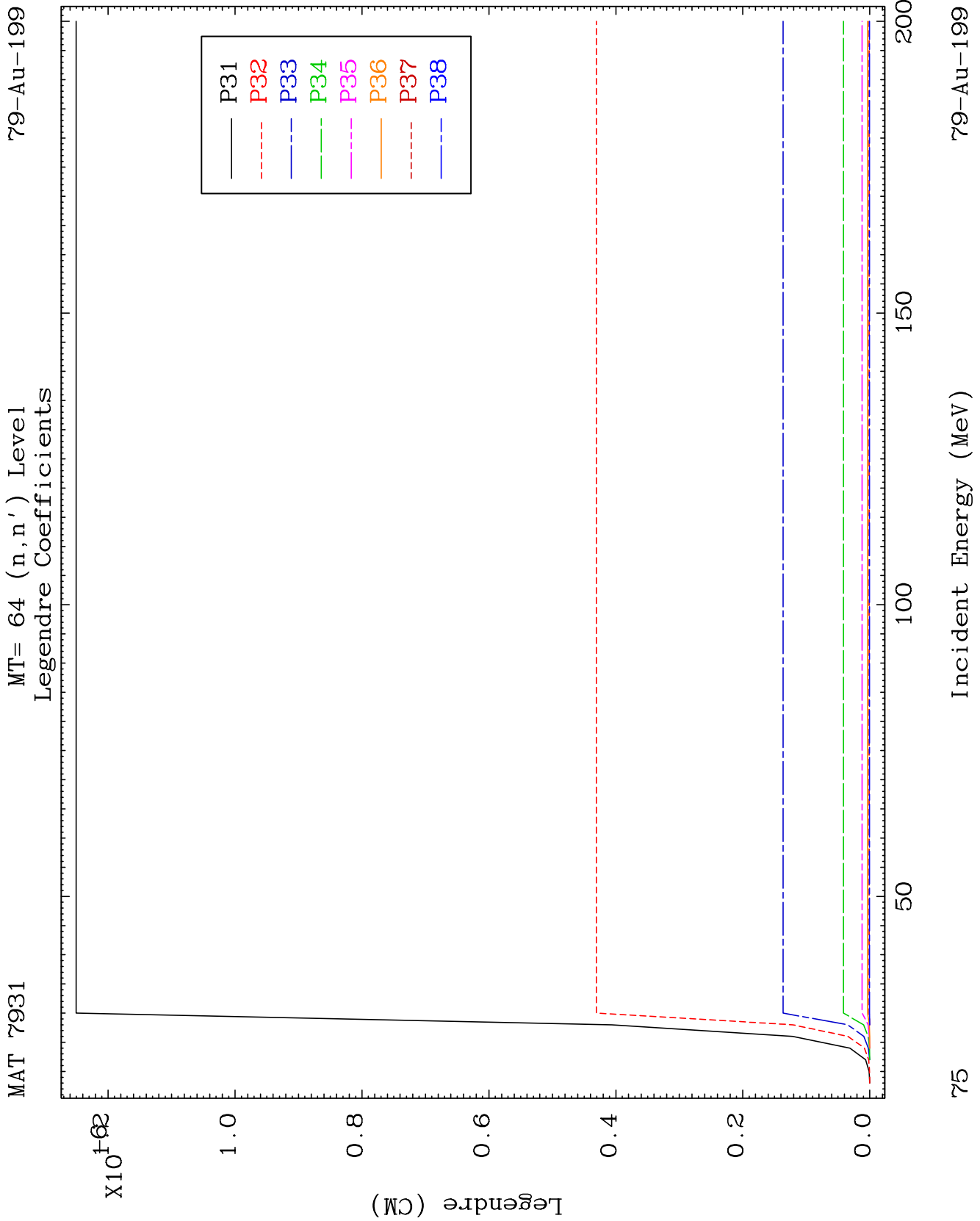


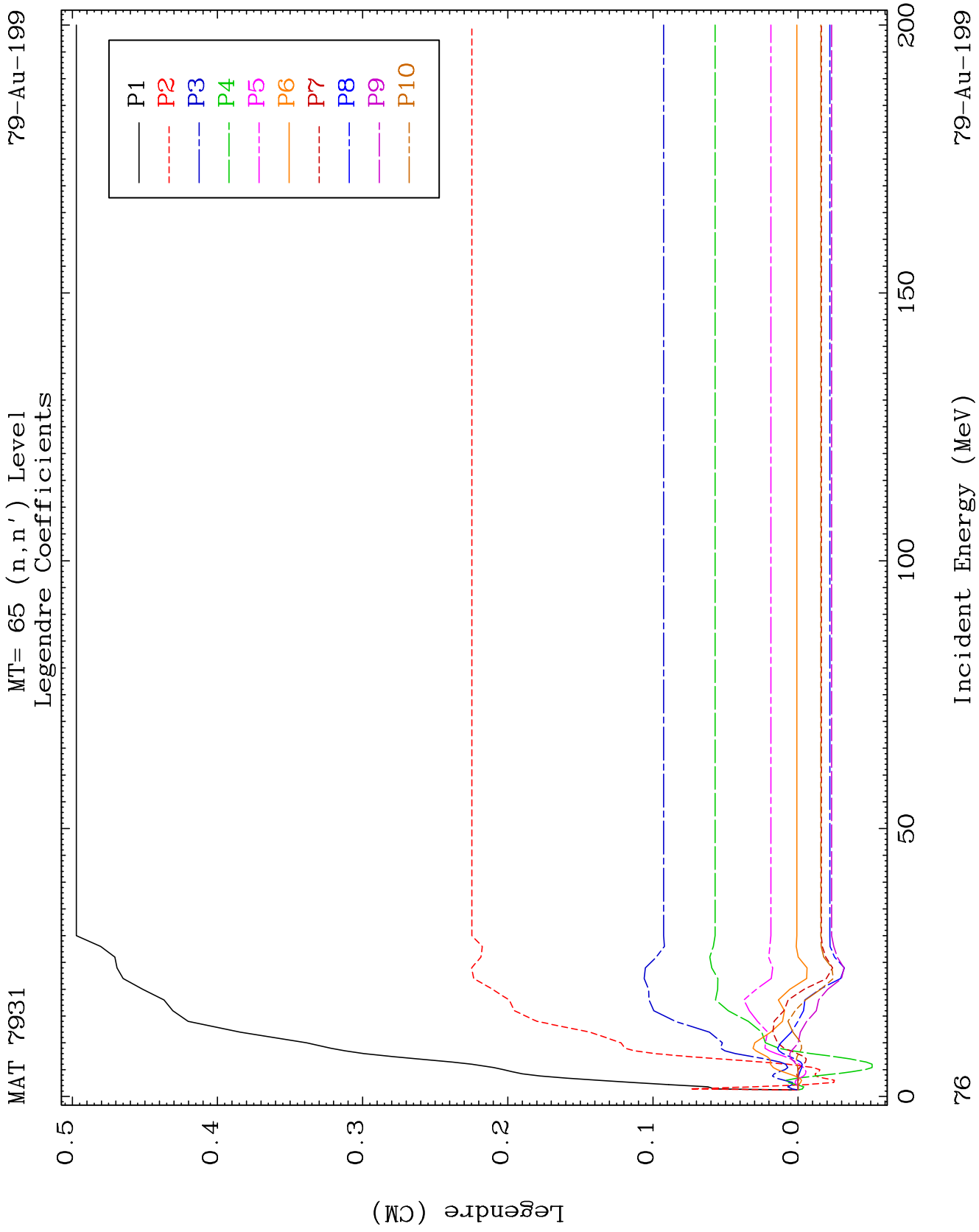








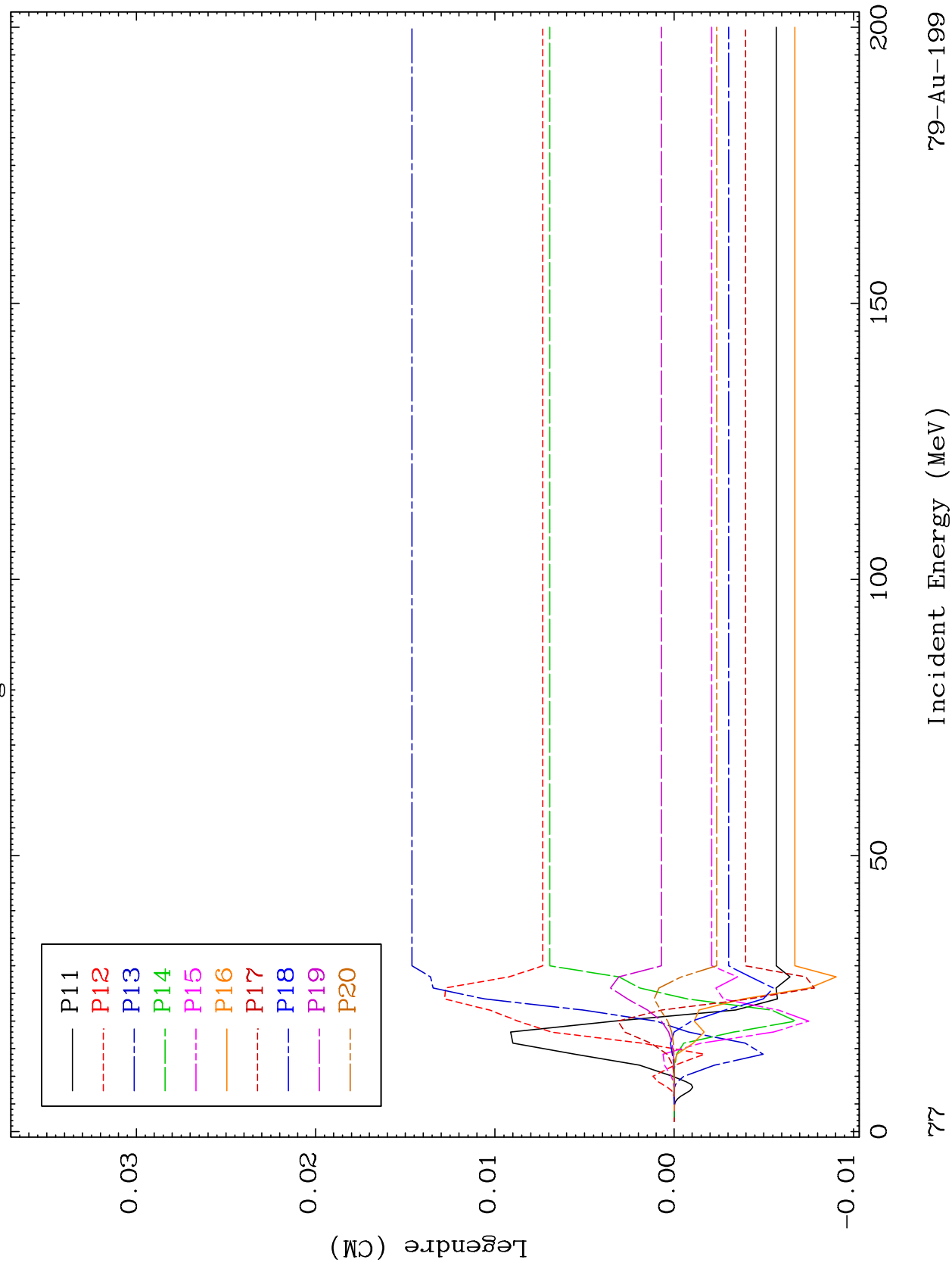




MAT 7931

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

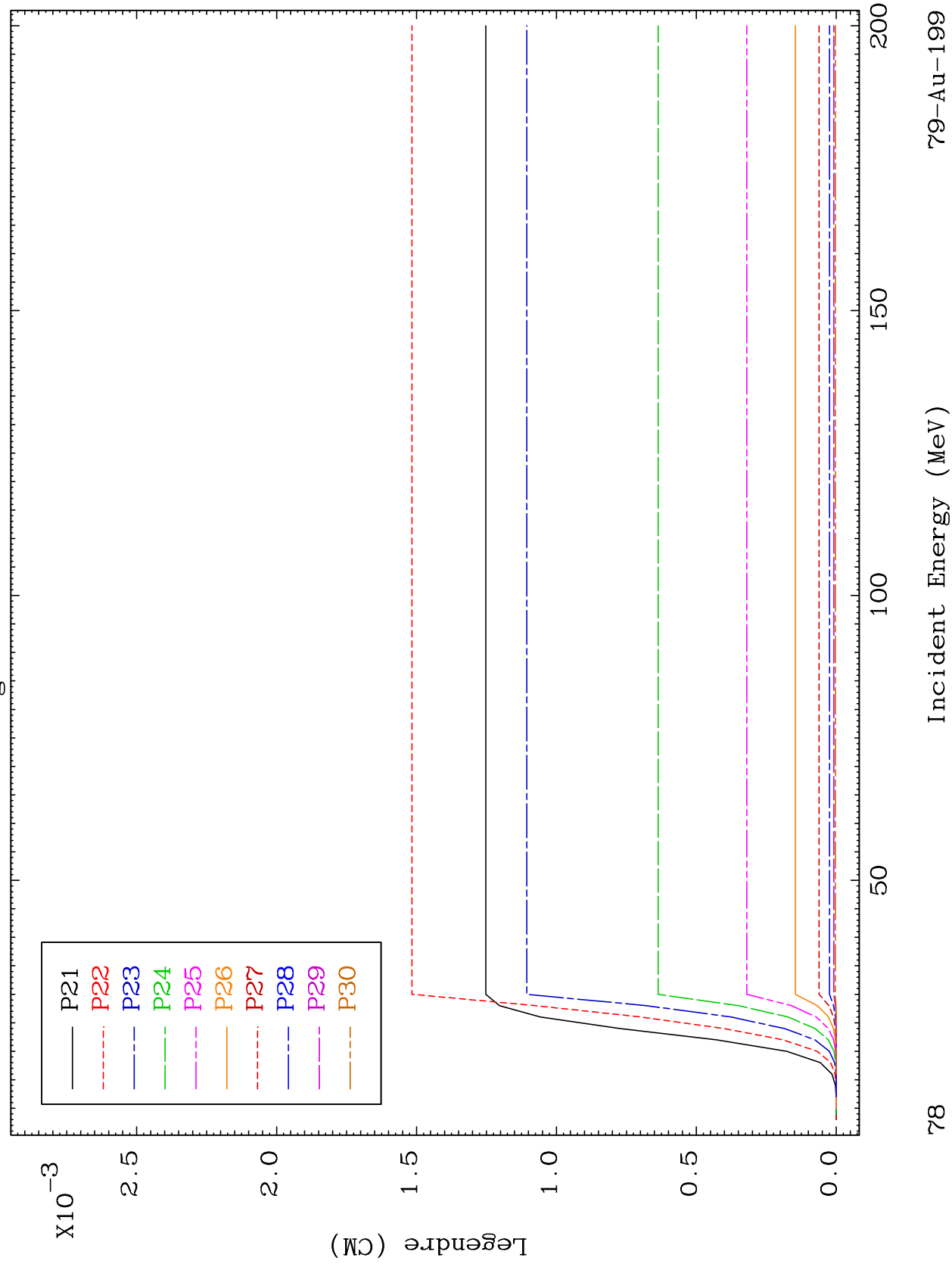
79-Au-199

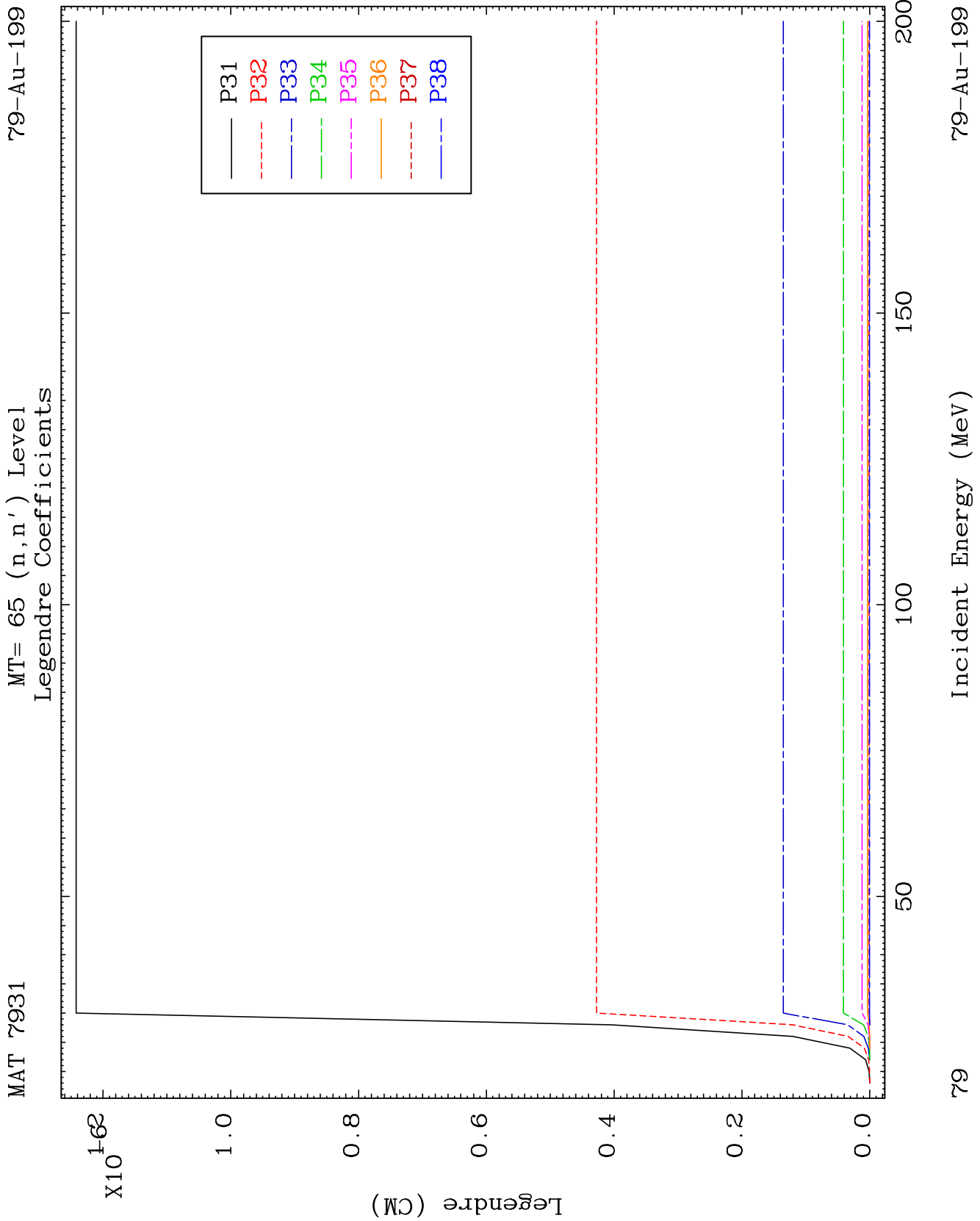


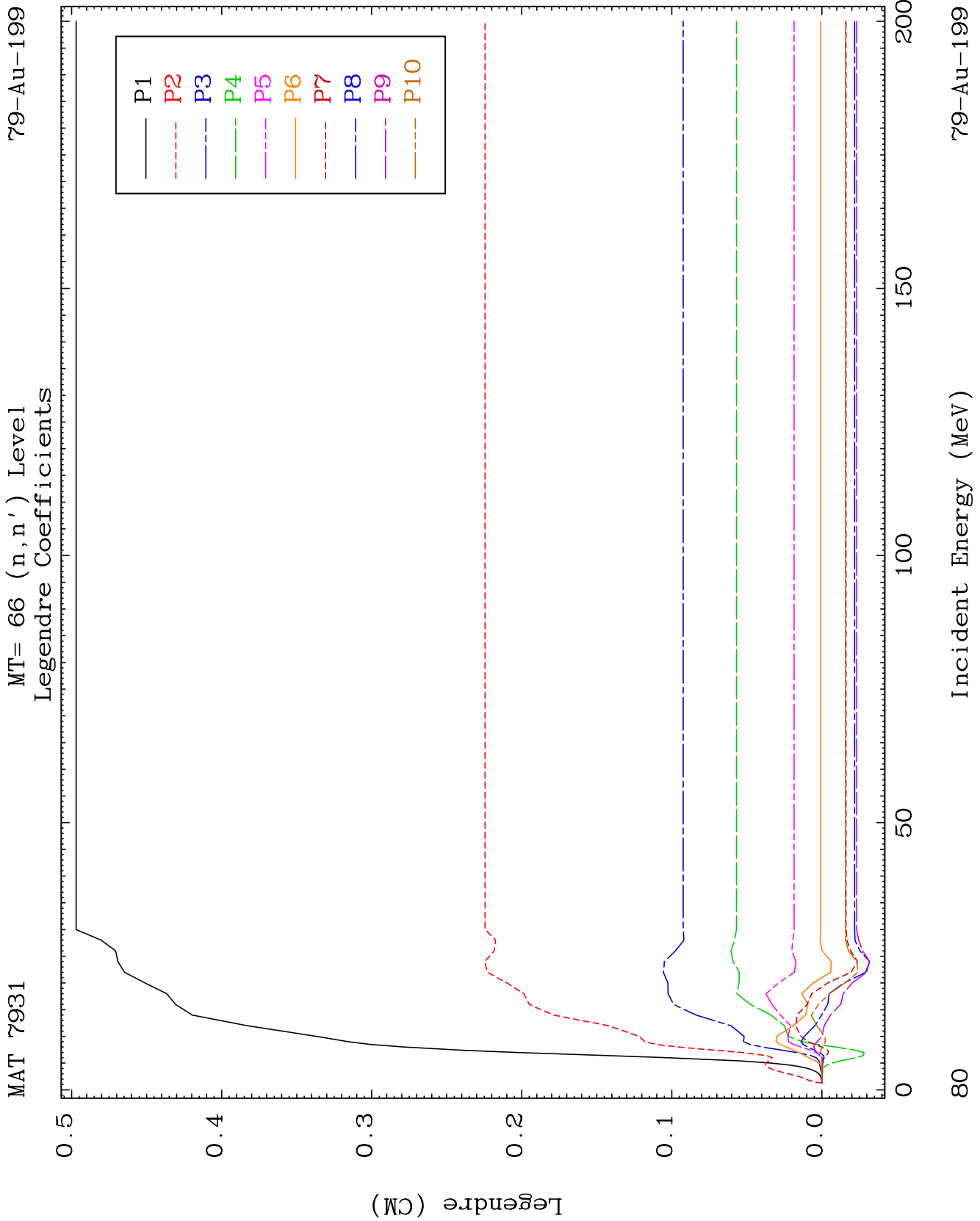
MAT 7931

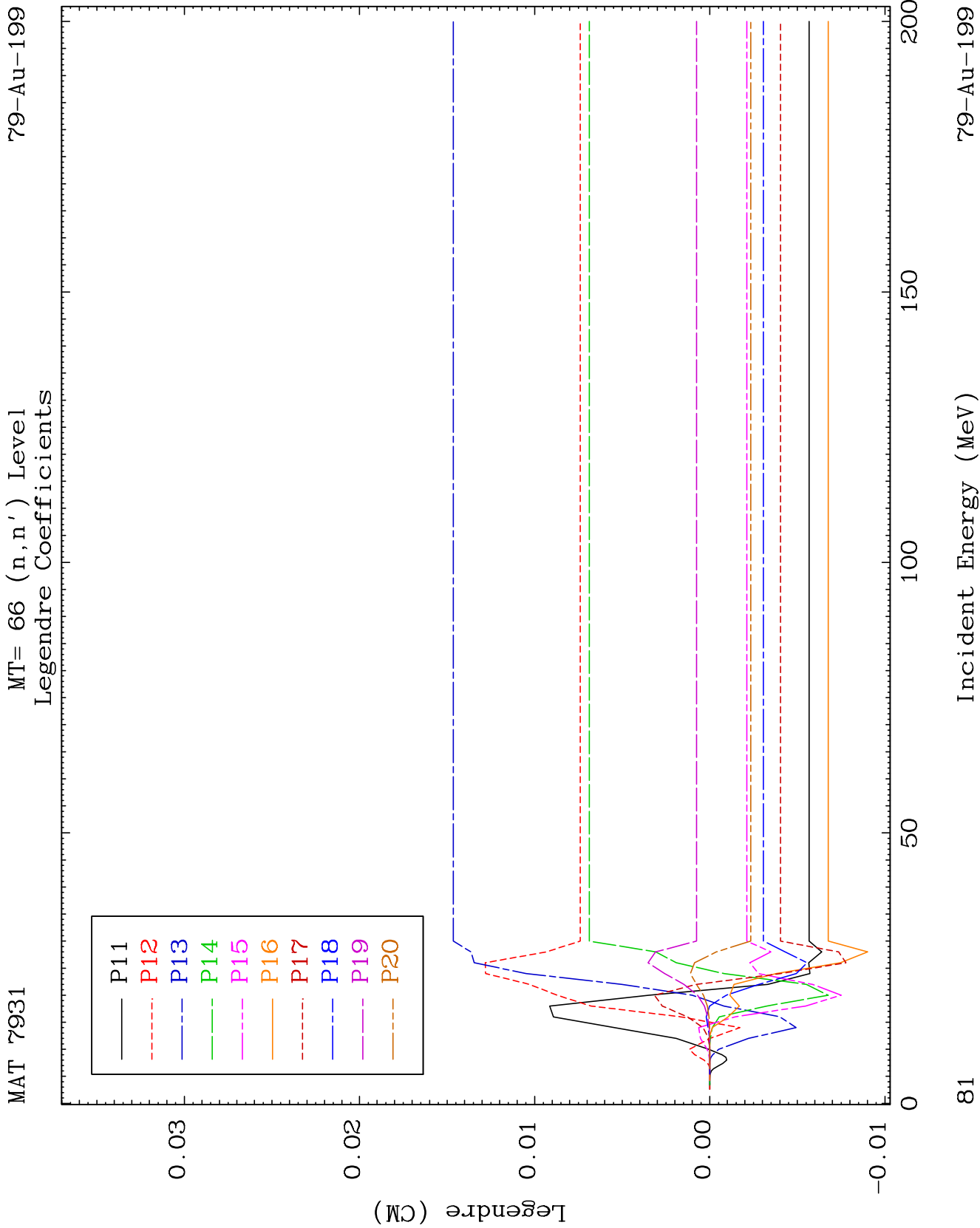
MT= 65 (n, n') Level
Legendre Coefficients

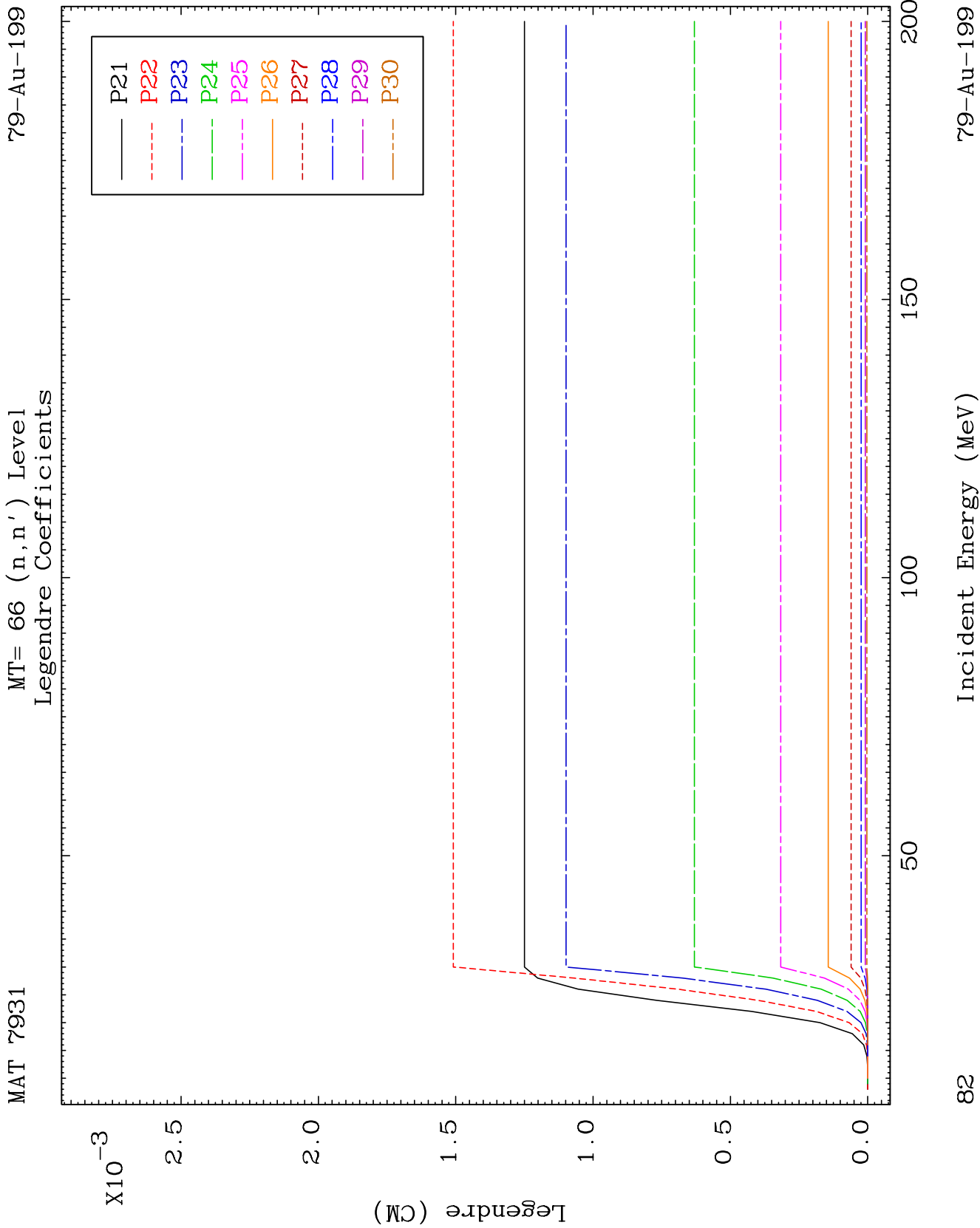
79-Au-199







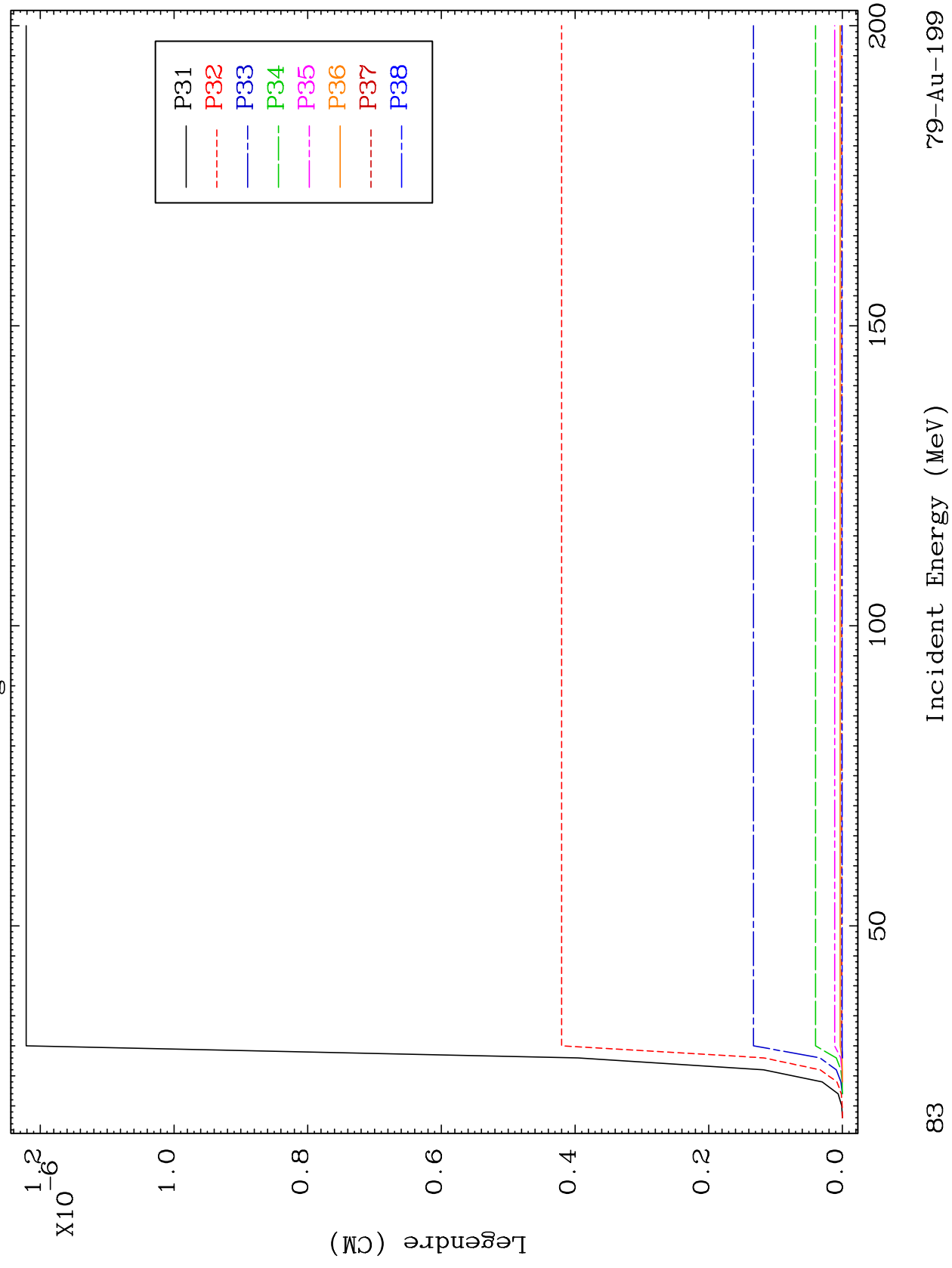


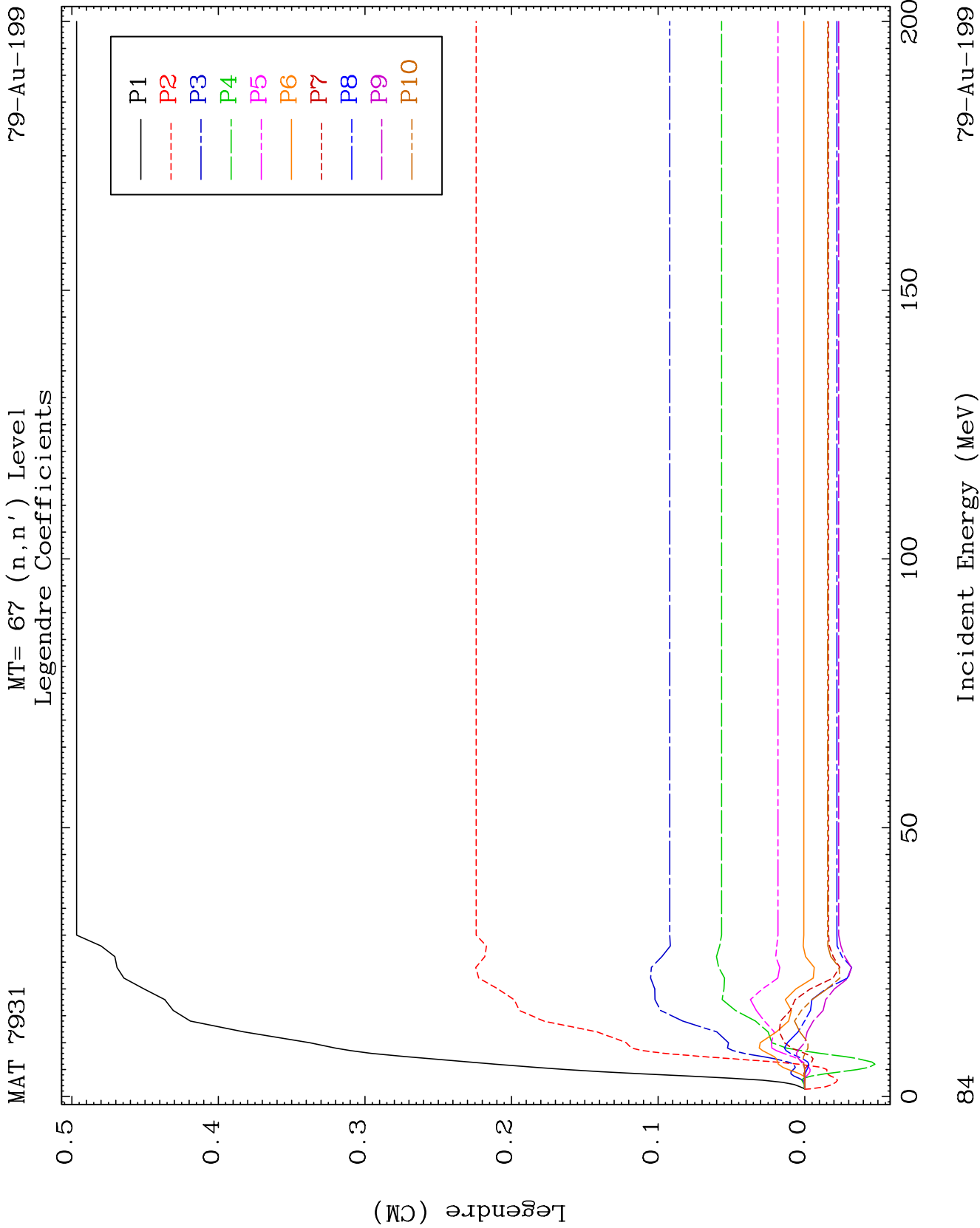


MAT 7931

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

79-Au-199

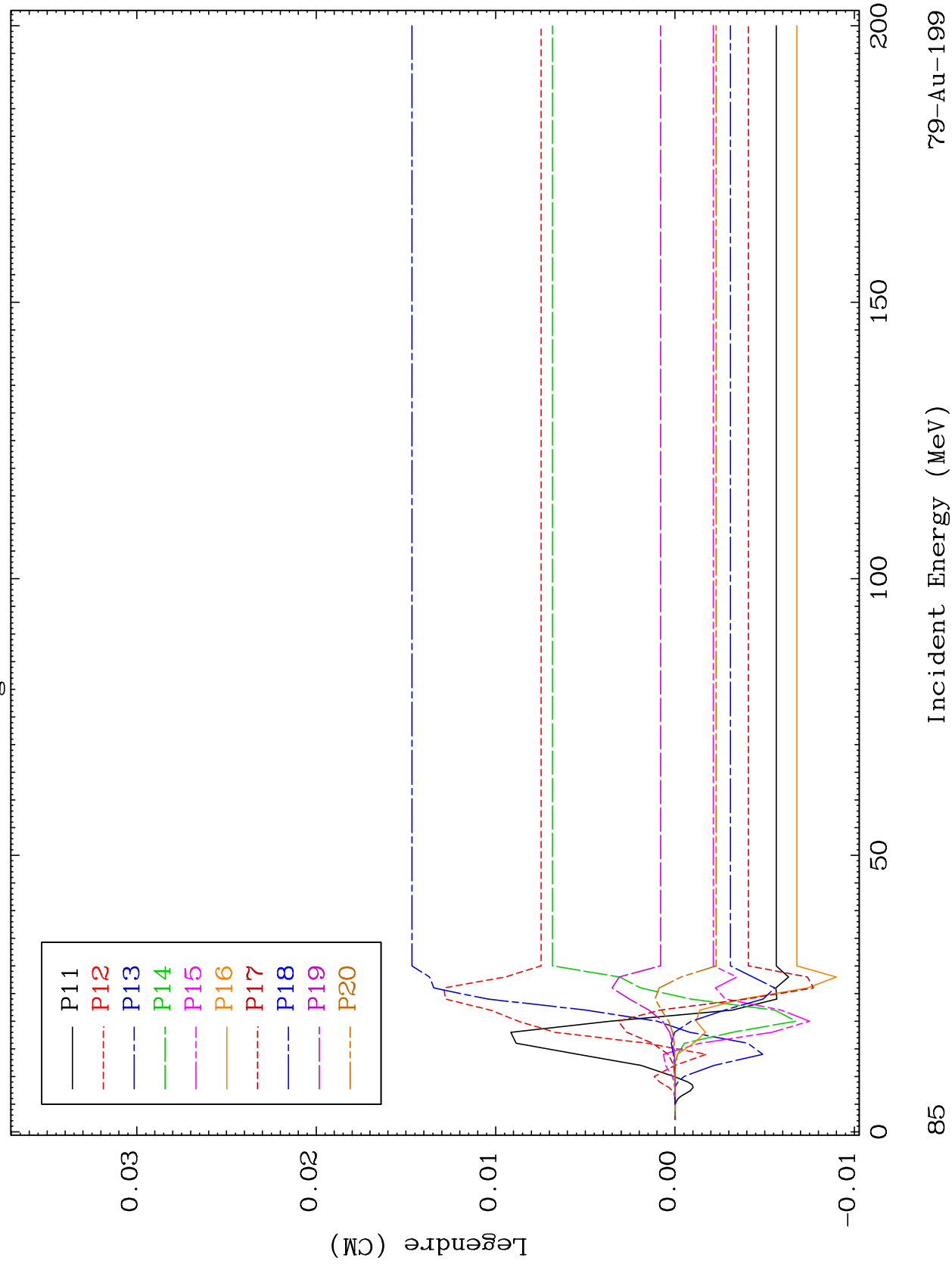


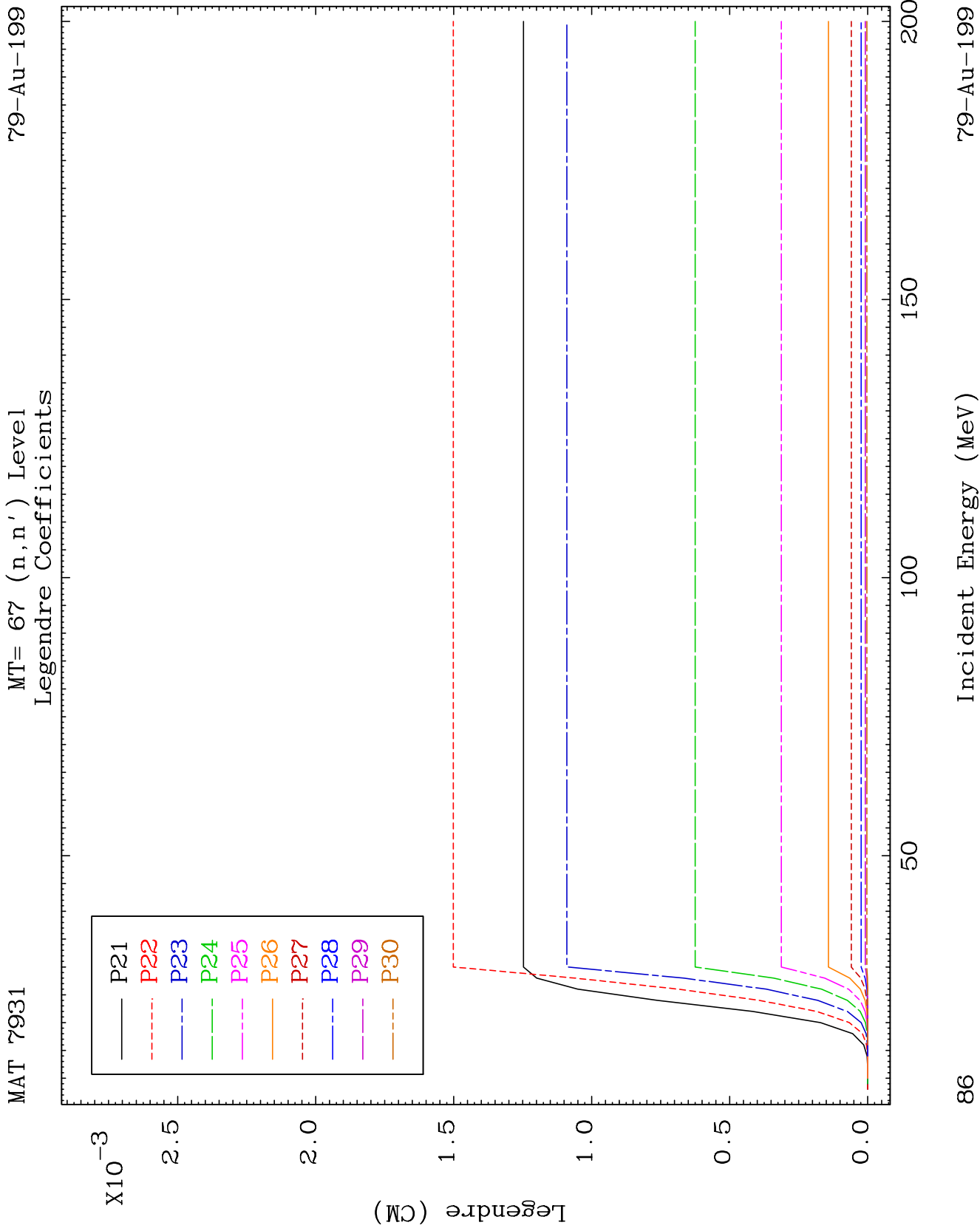


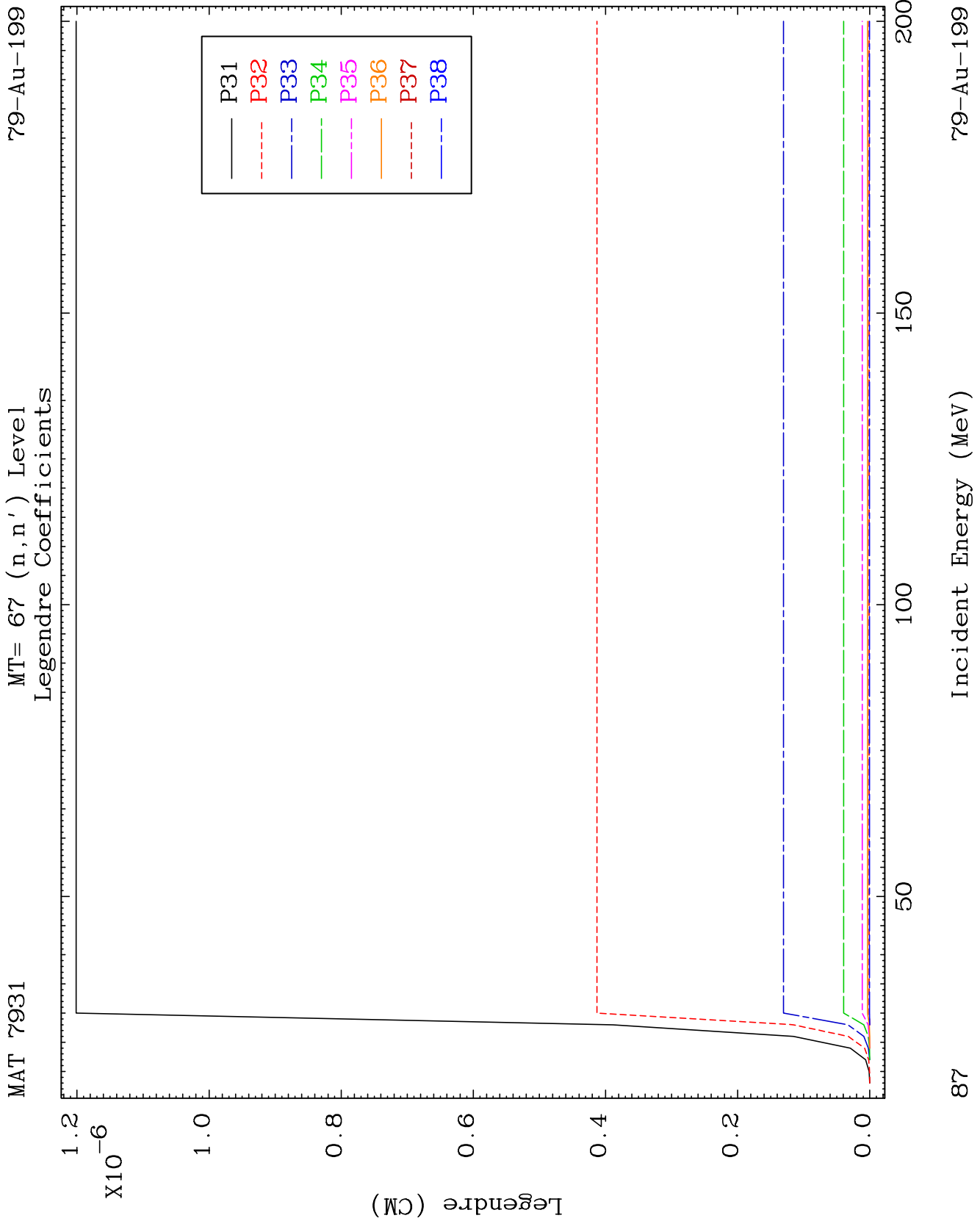
MAT 7931

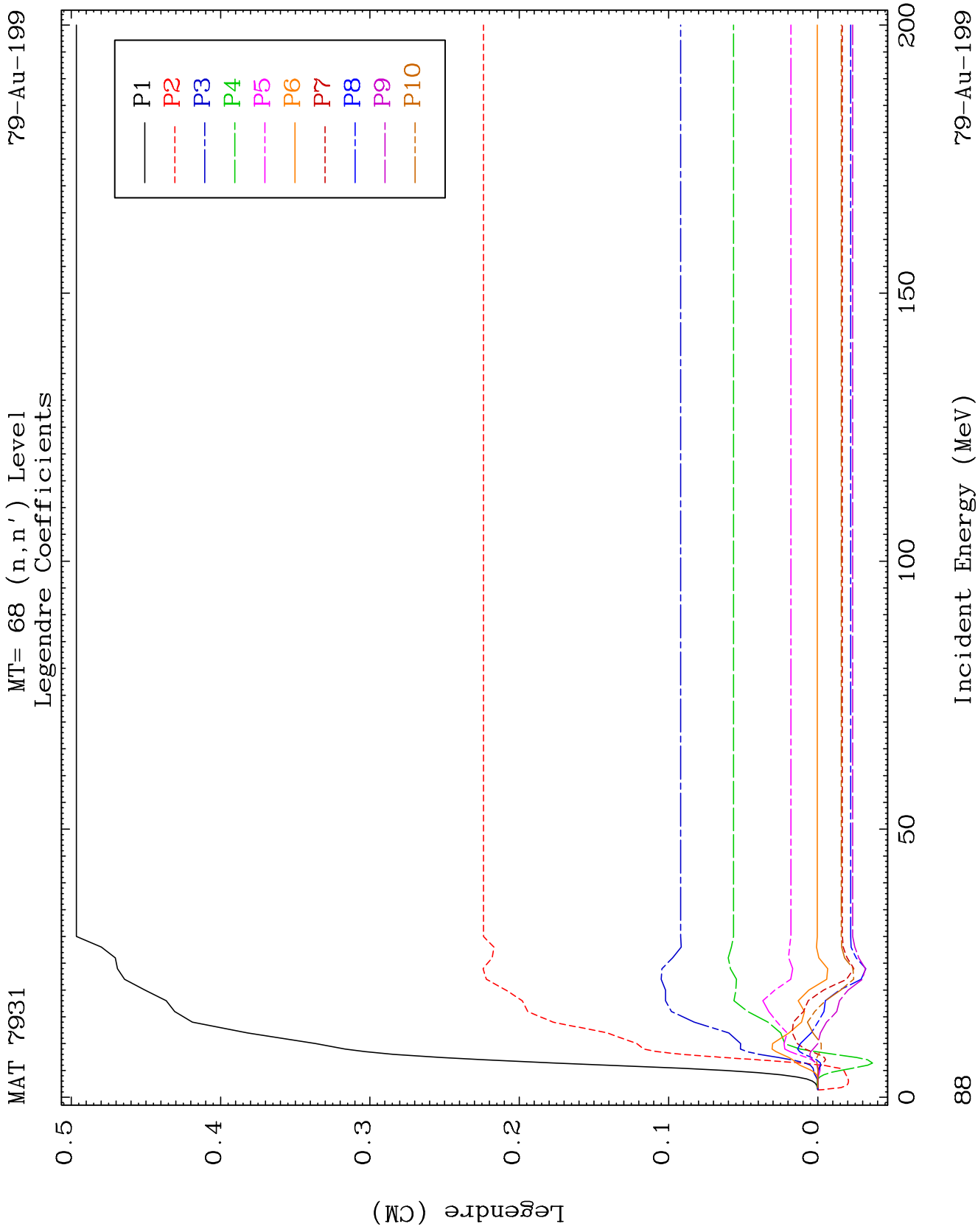
MT= 67 (n, n') Level
Legendre Coefficients

79-Au-199





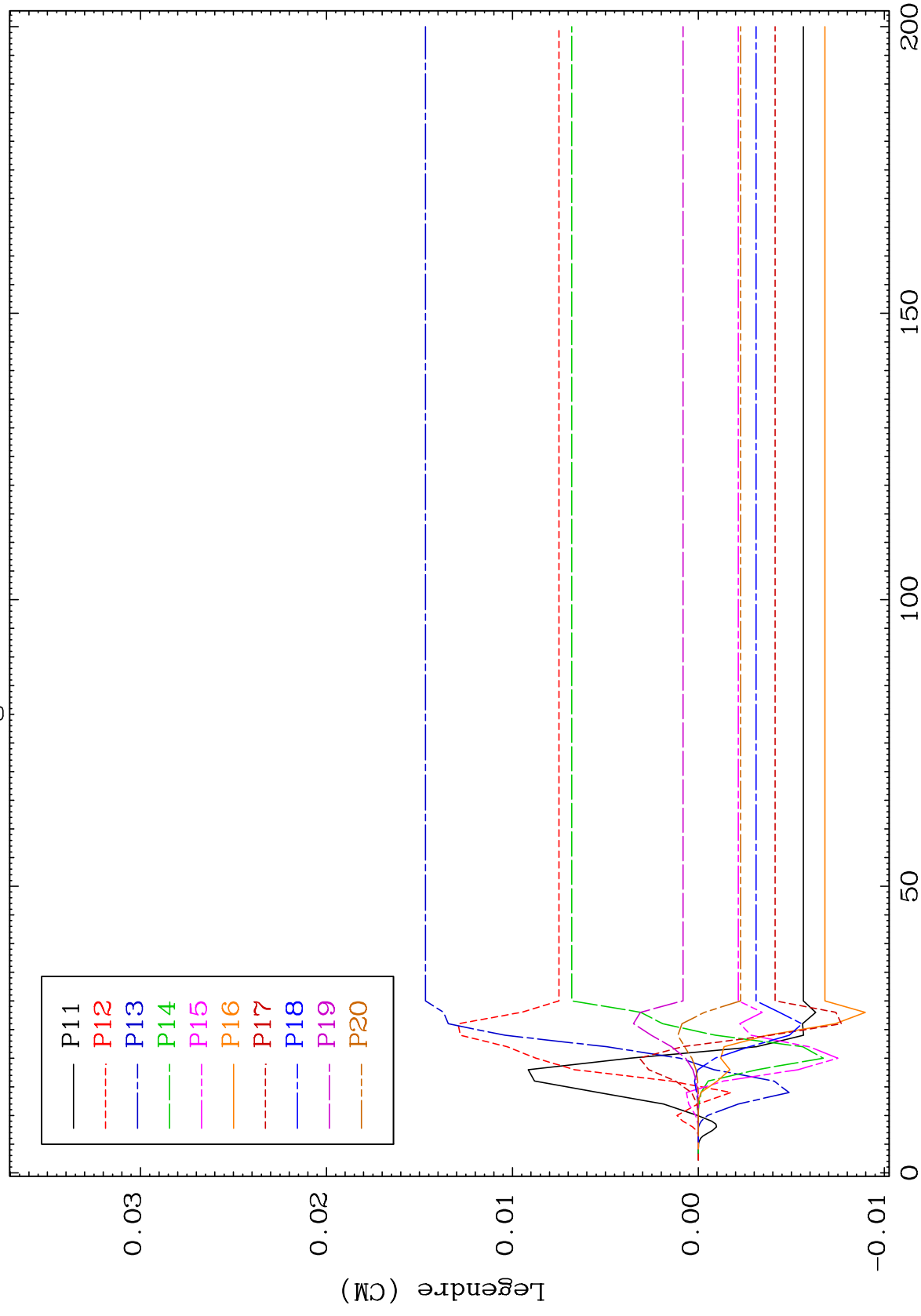




MAT 7931

MT= 68 (n, n') Level
Legendre Coefficients

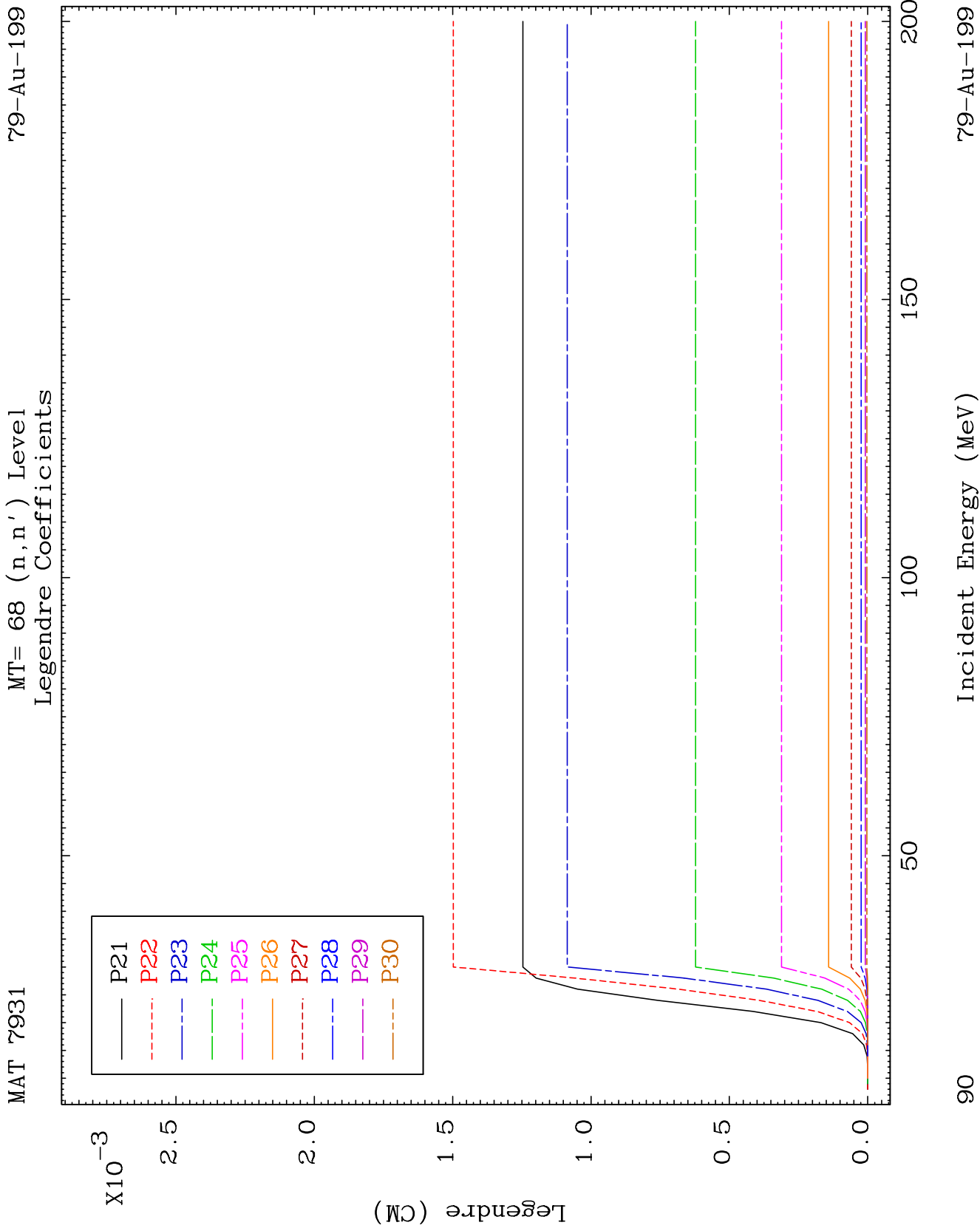
79-Au-199

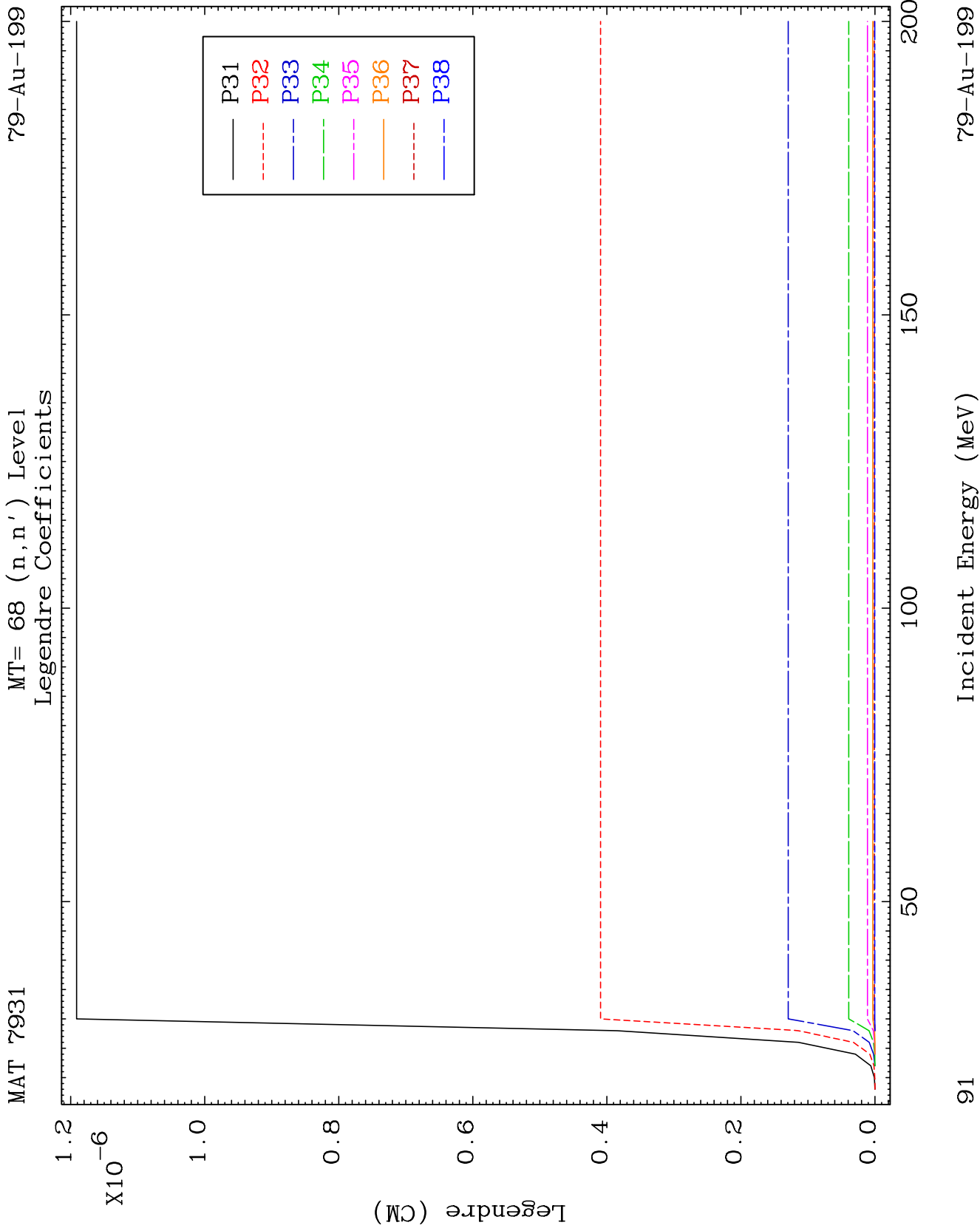


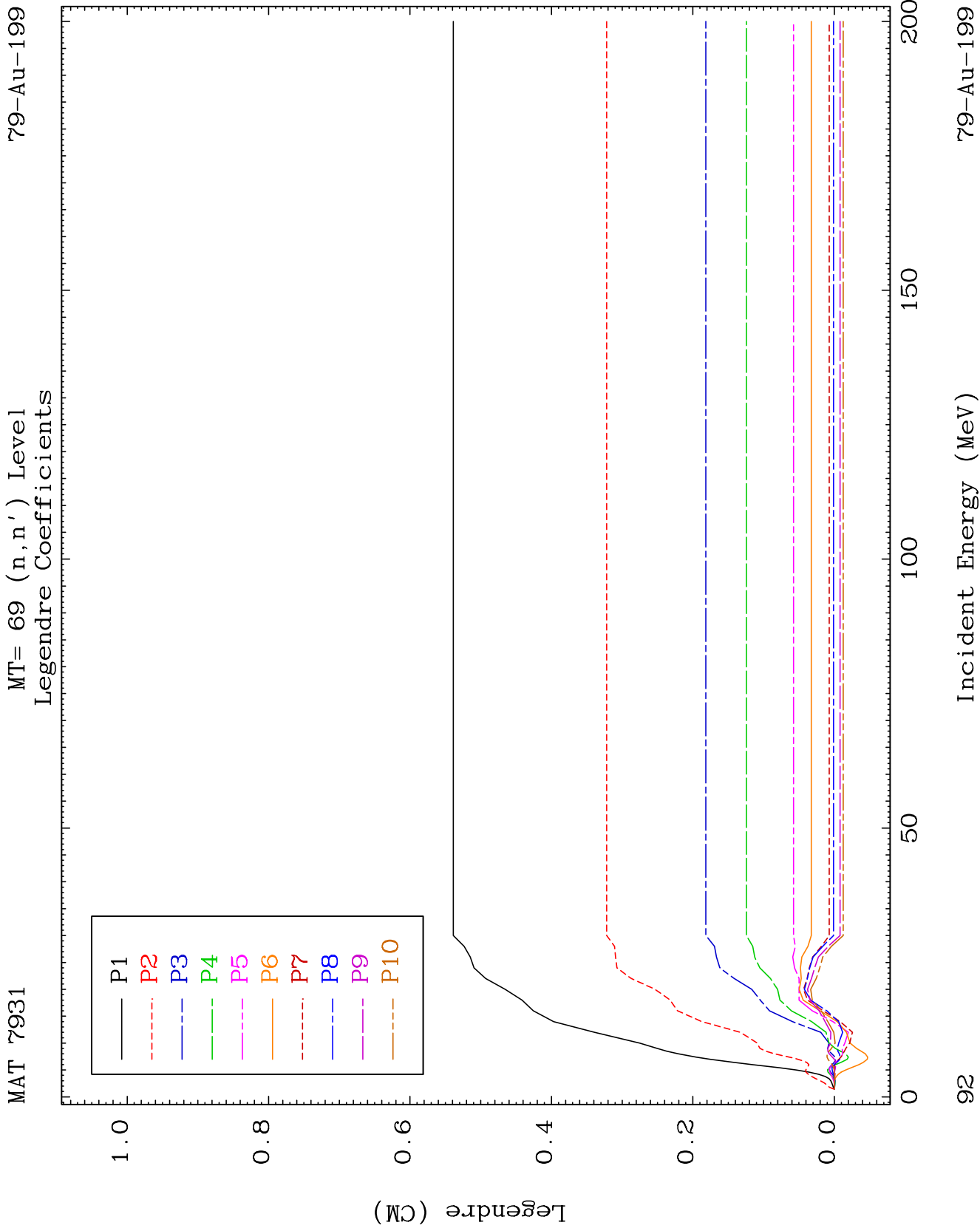
88

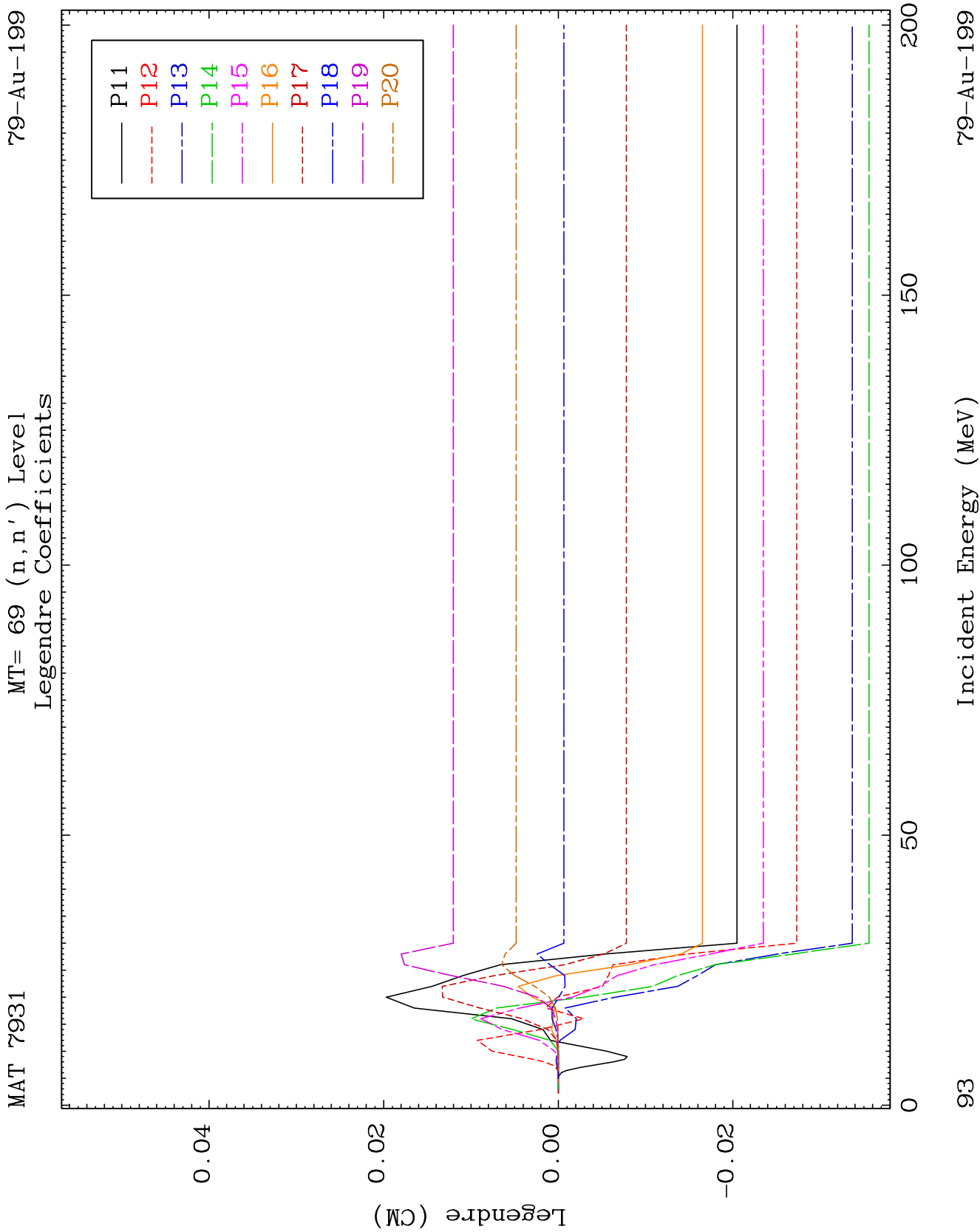
Incident Energy (MeV)

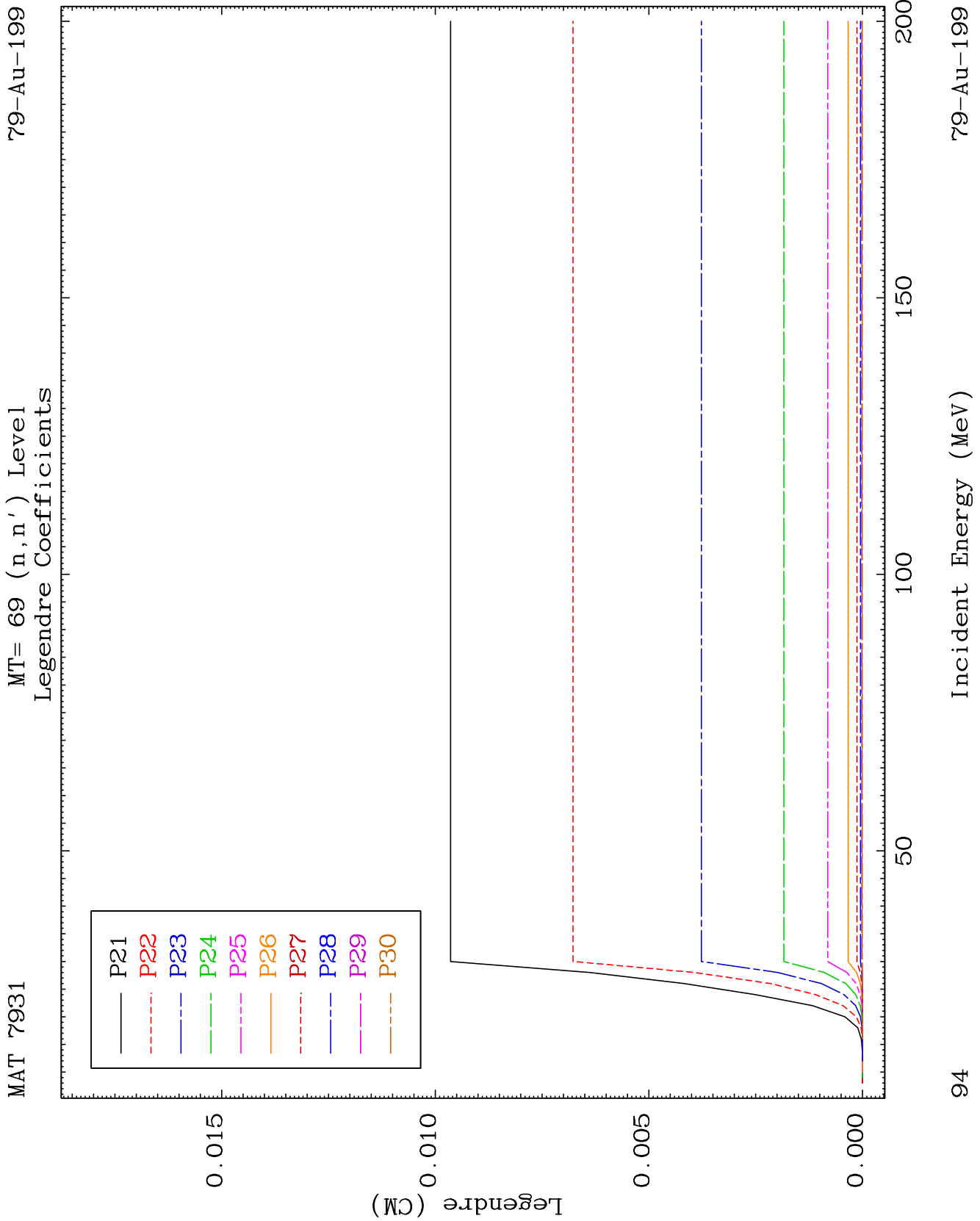
79-Au-199

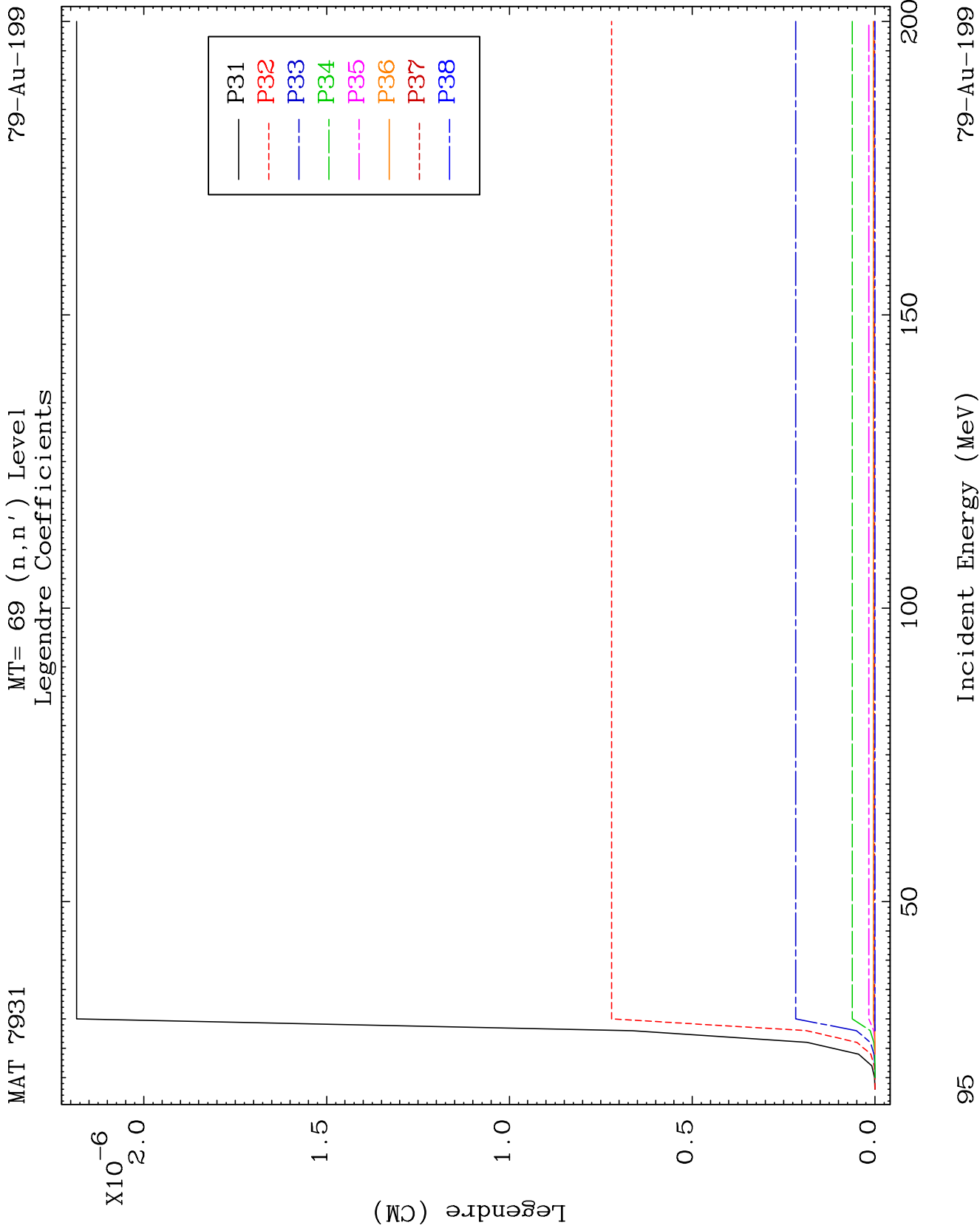








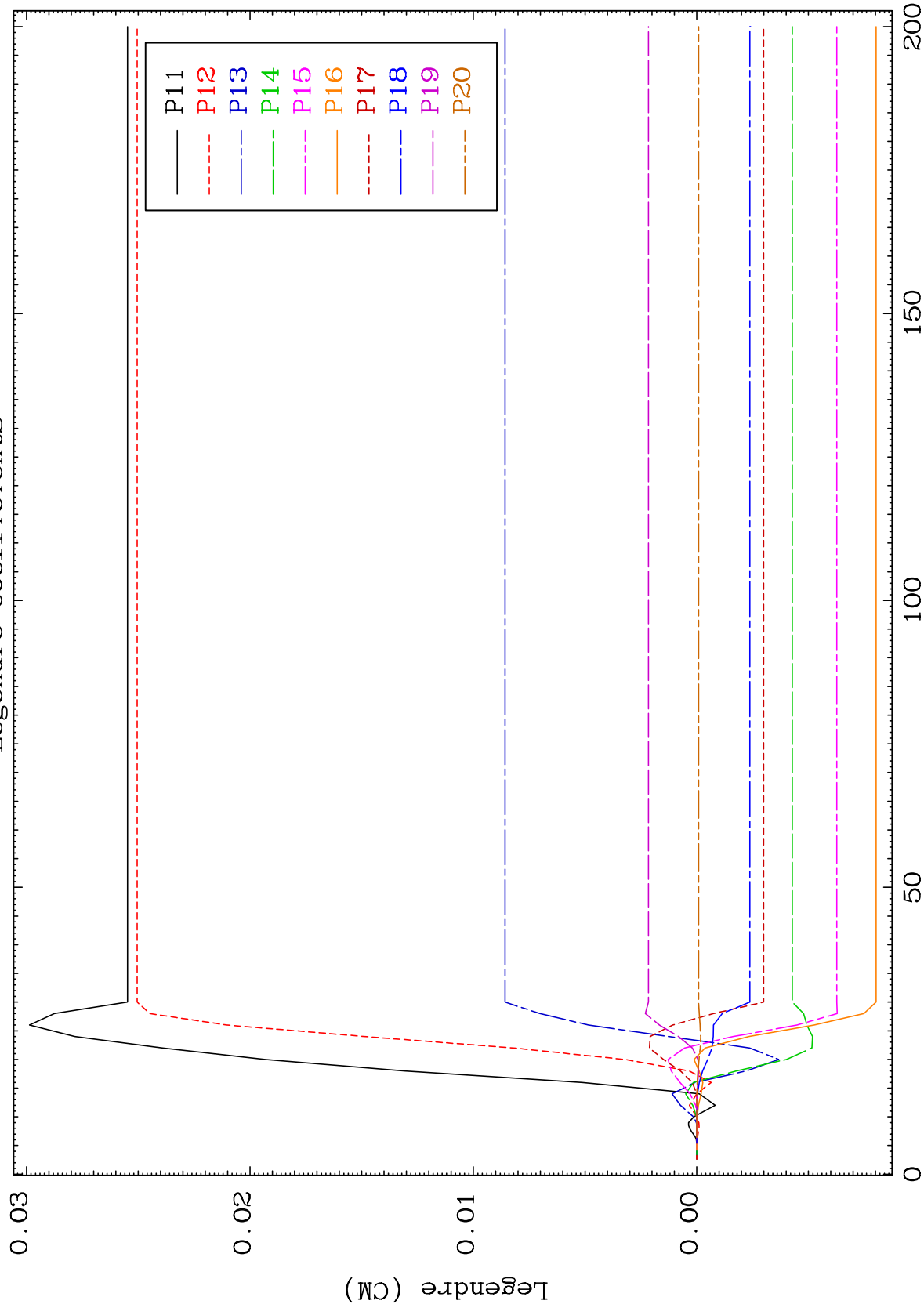




MAT 7931

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

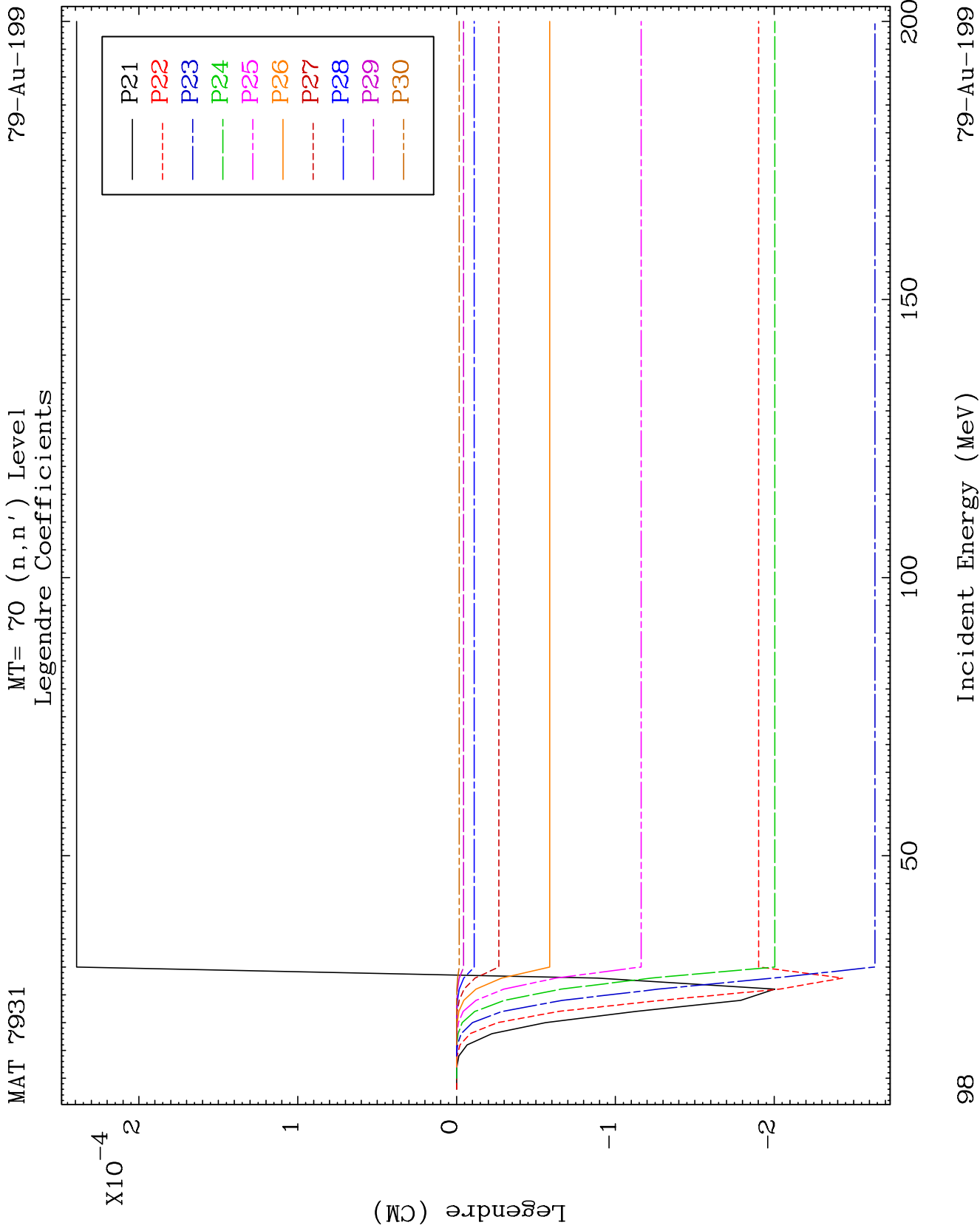
79-Au-199

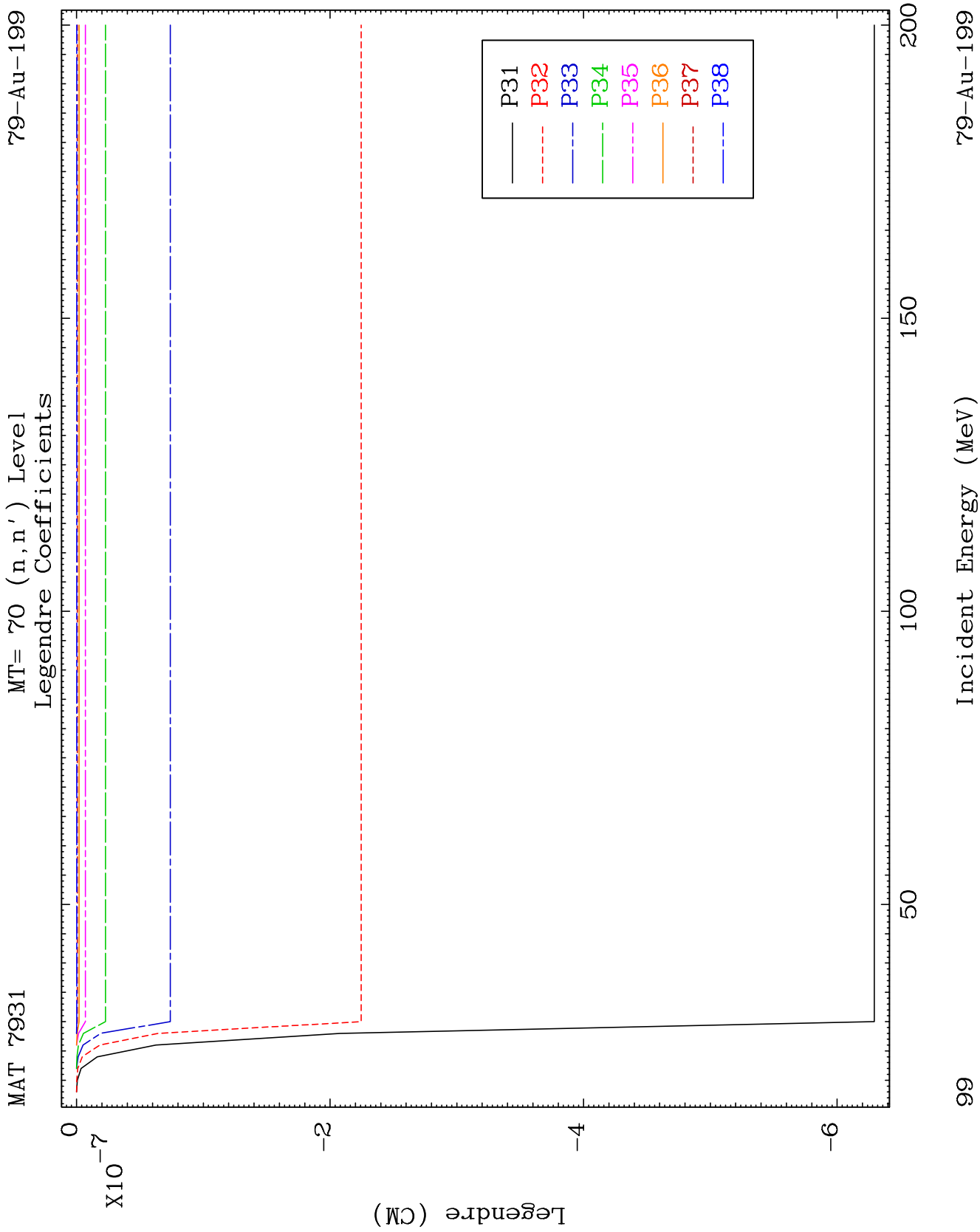


26

Incident Energy (MeV)

79-AU-199

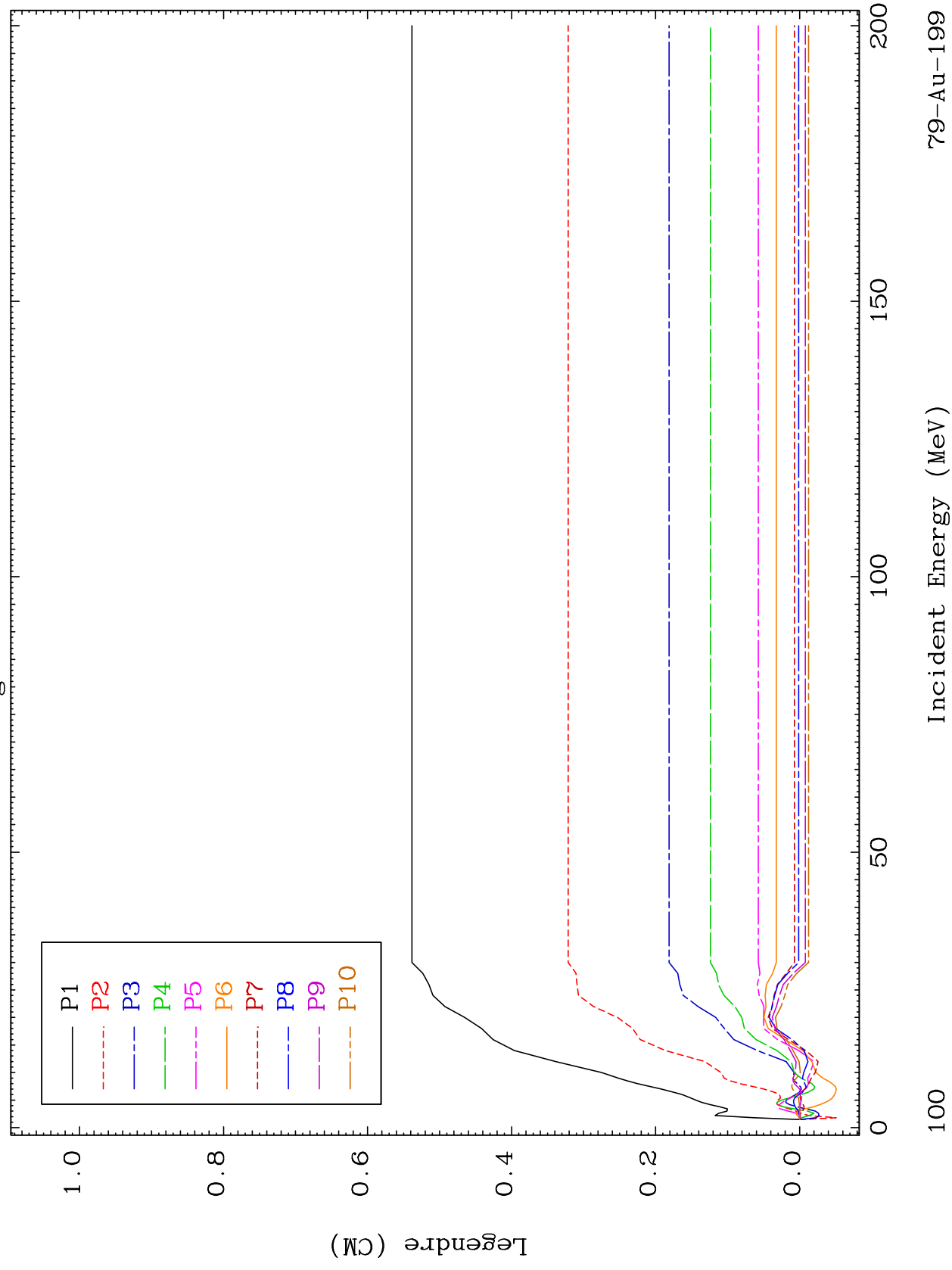


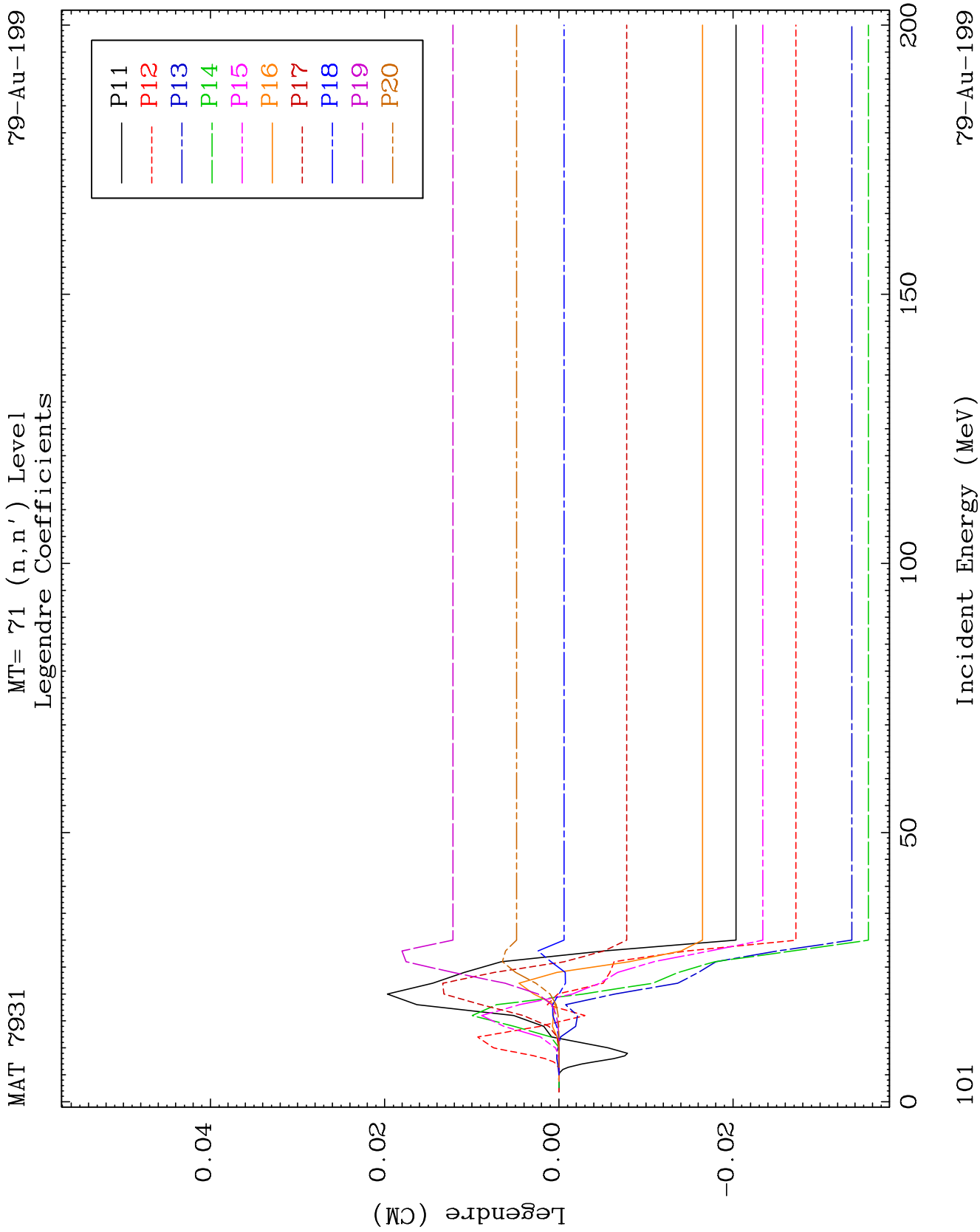


MAT 7931

MT= 71 (n, n') Level
Legendre Coefficients

79-Au-199

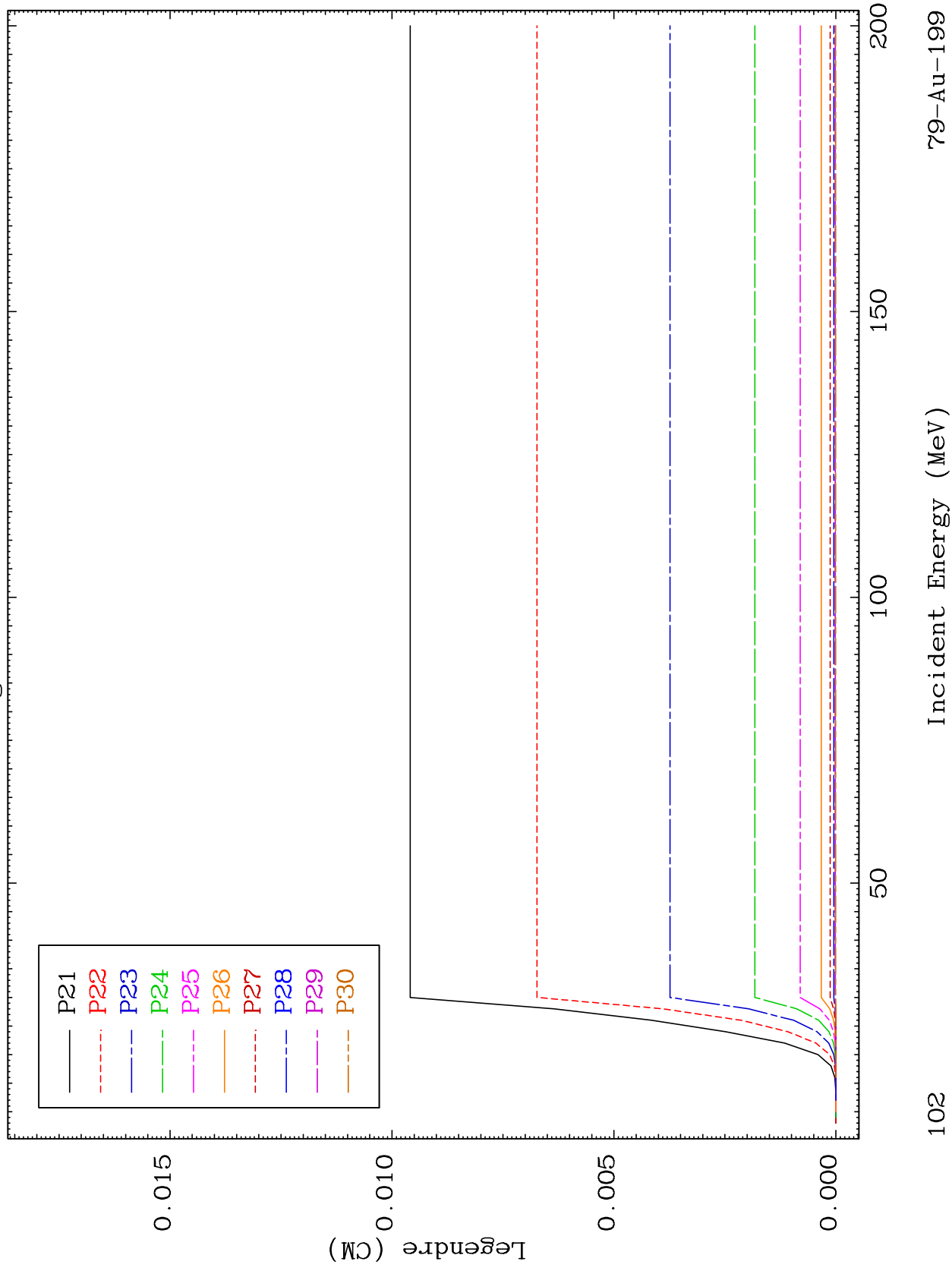




MAT 7931

MT= 71 (n, n') Level
Legendre Coefficients

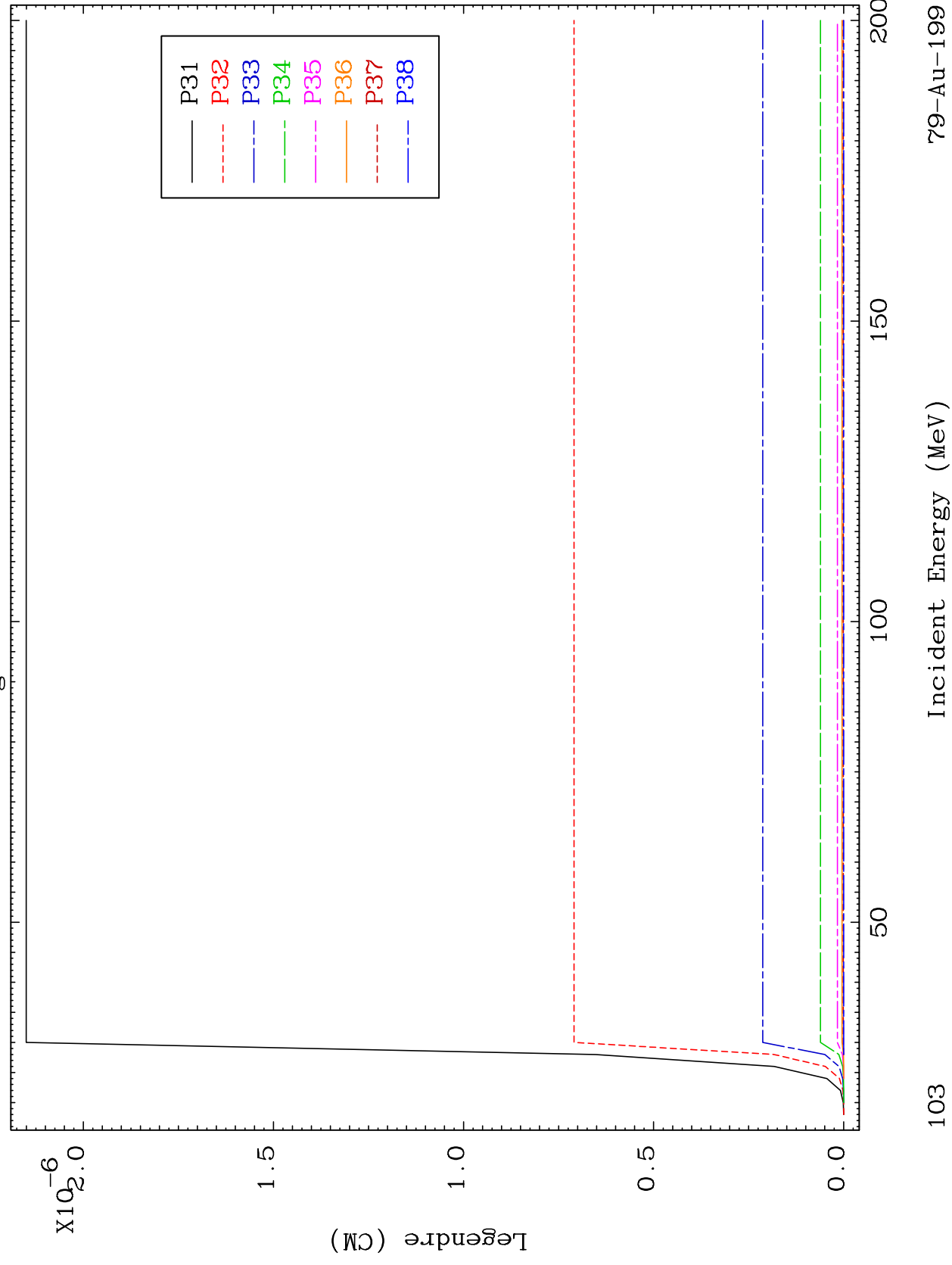
79-Au-199



MAT 7931

MT= 71 (n, n') Level
Legendre Coefficients

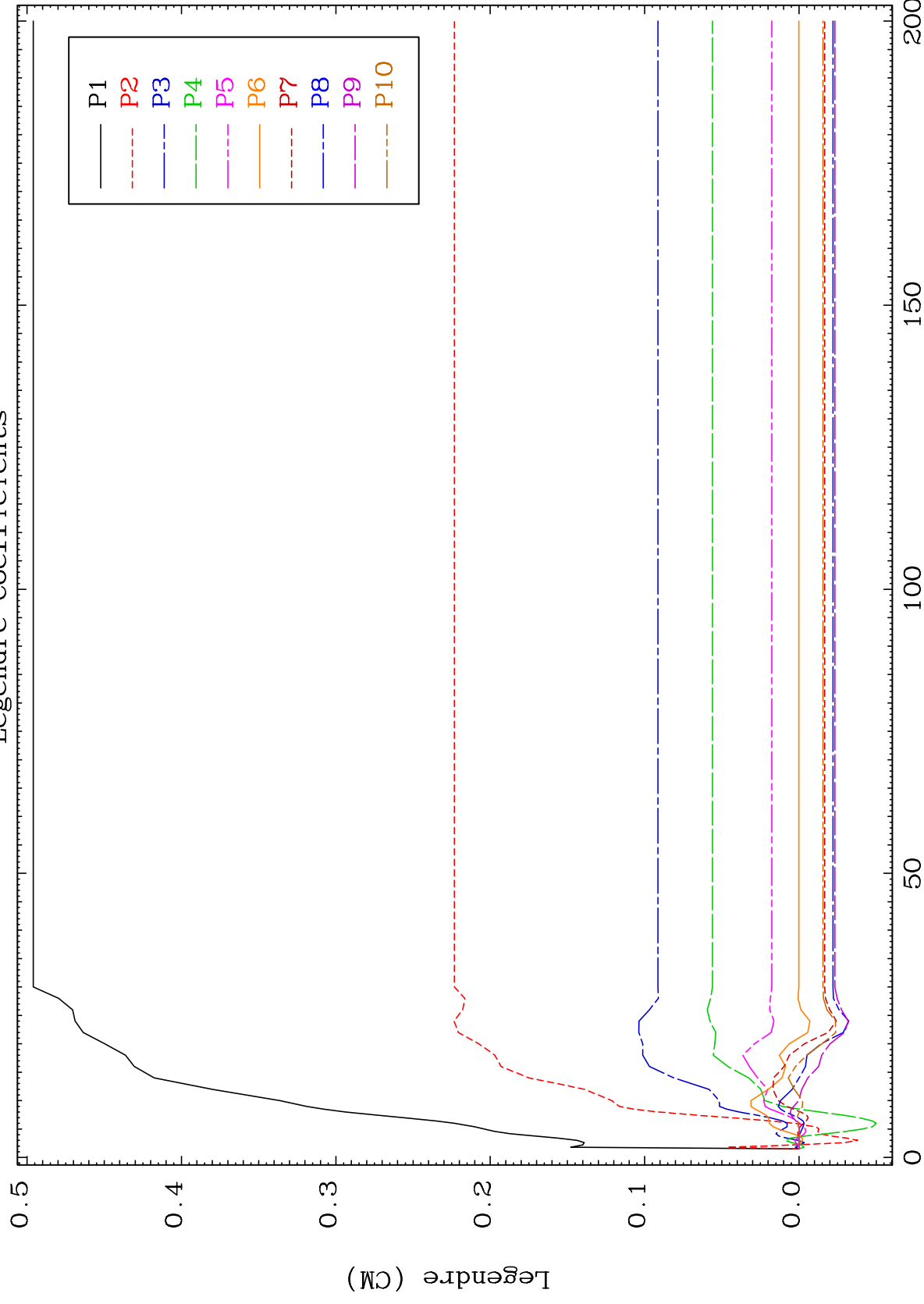
79-Au-199



MAT 7931

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

79-Au-199



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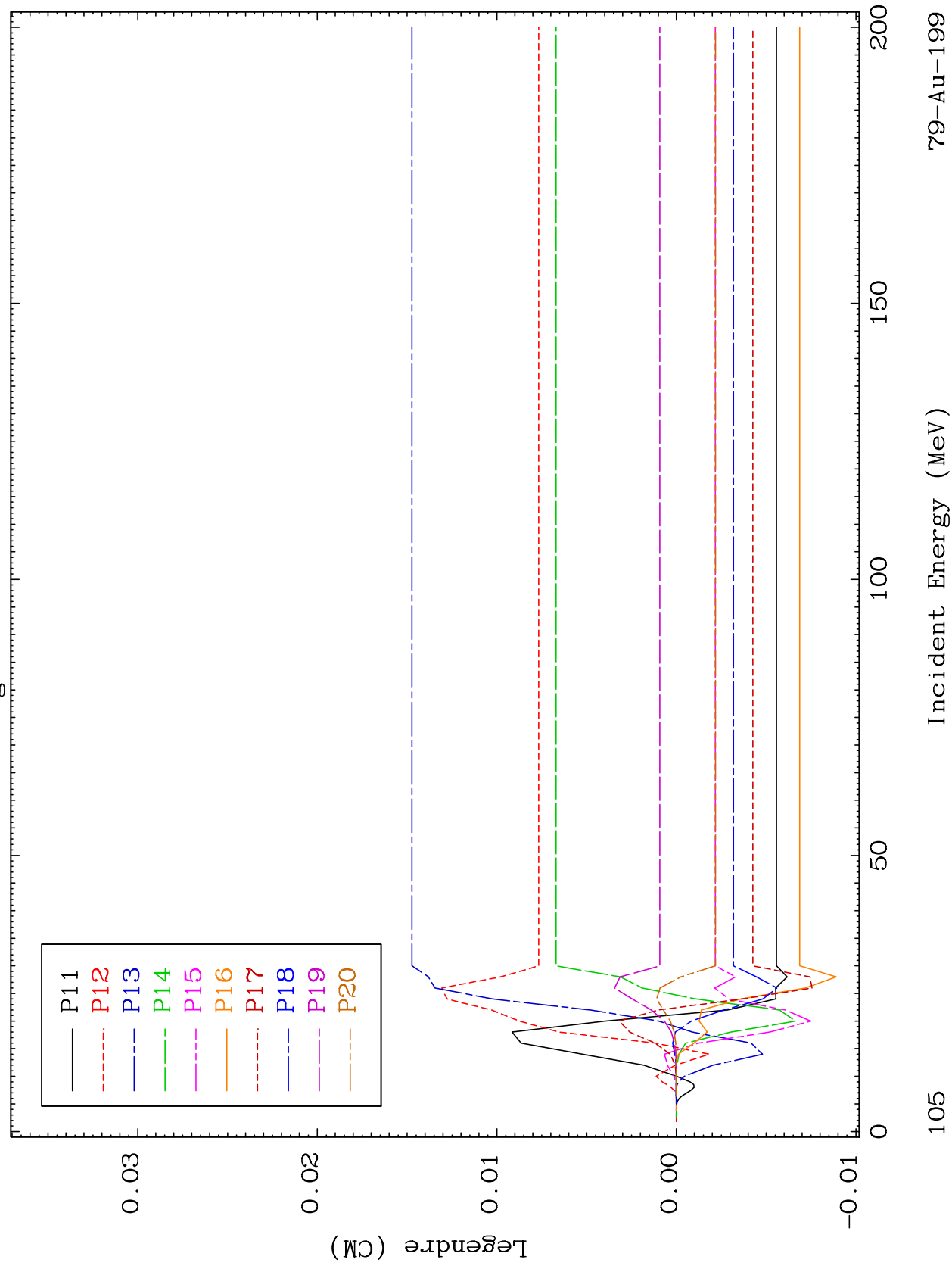
Incident Energy (MeV)

79-Au-199

MAT 7931

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

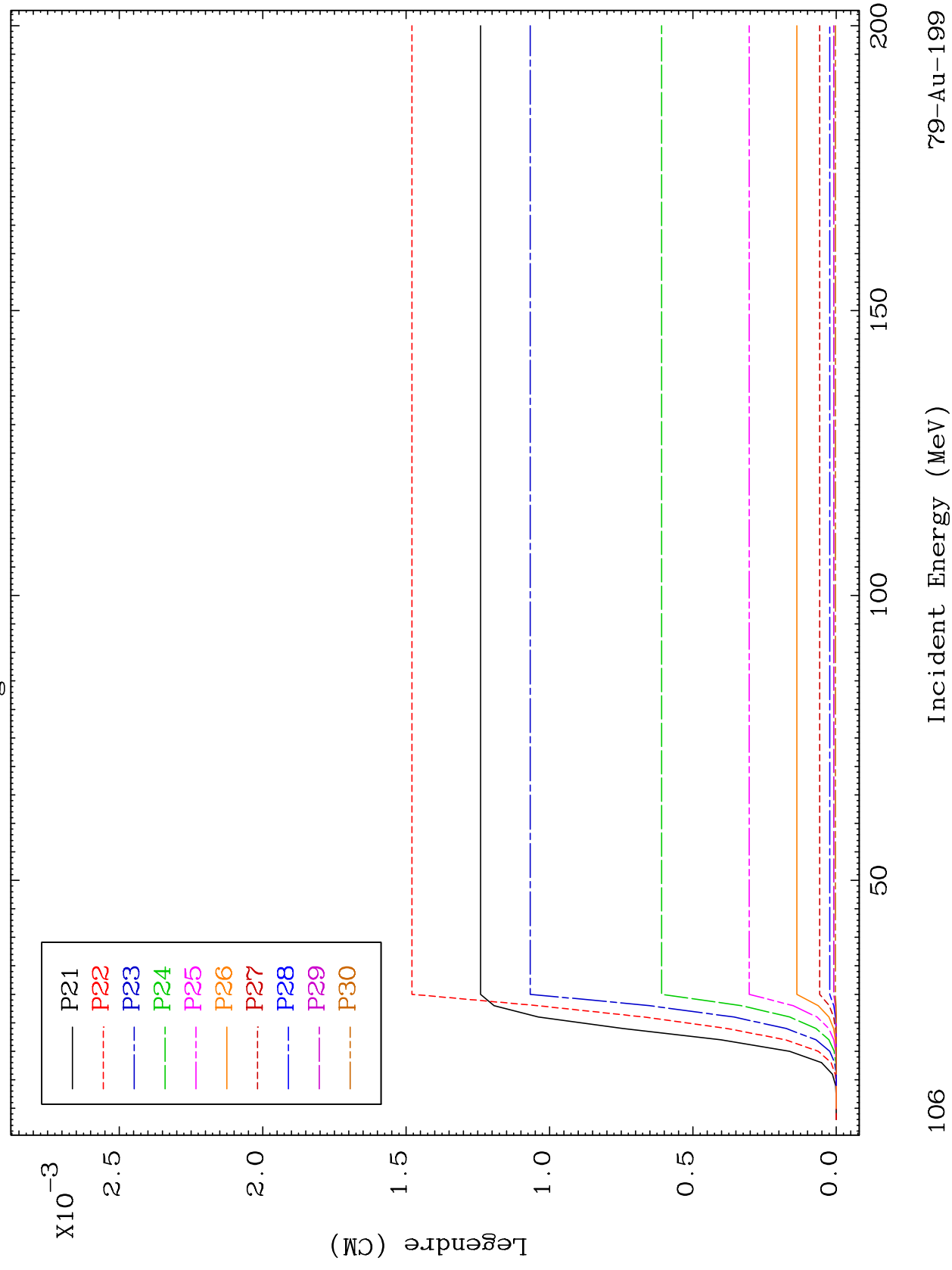
79-Au-199



MAT 7931

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

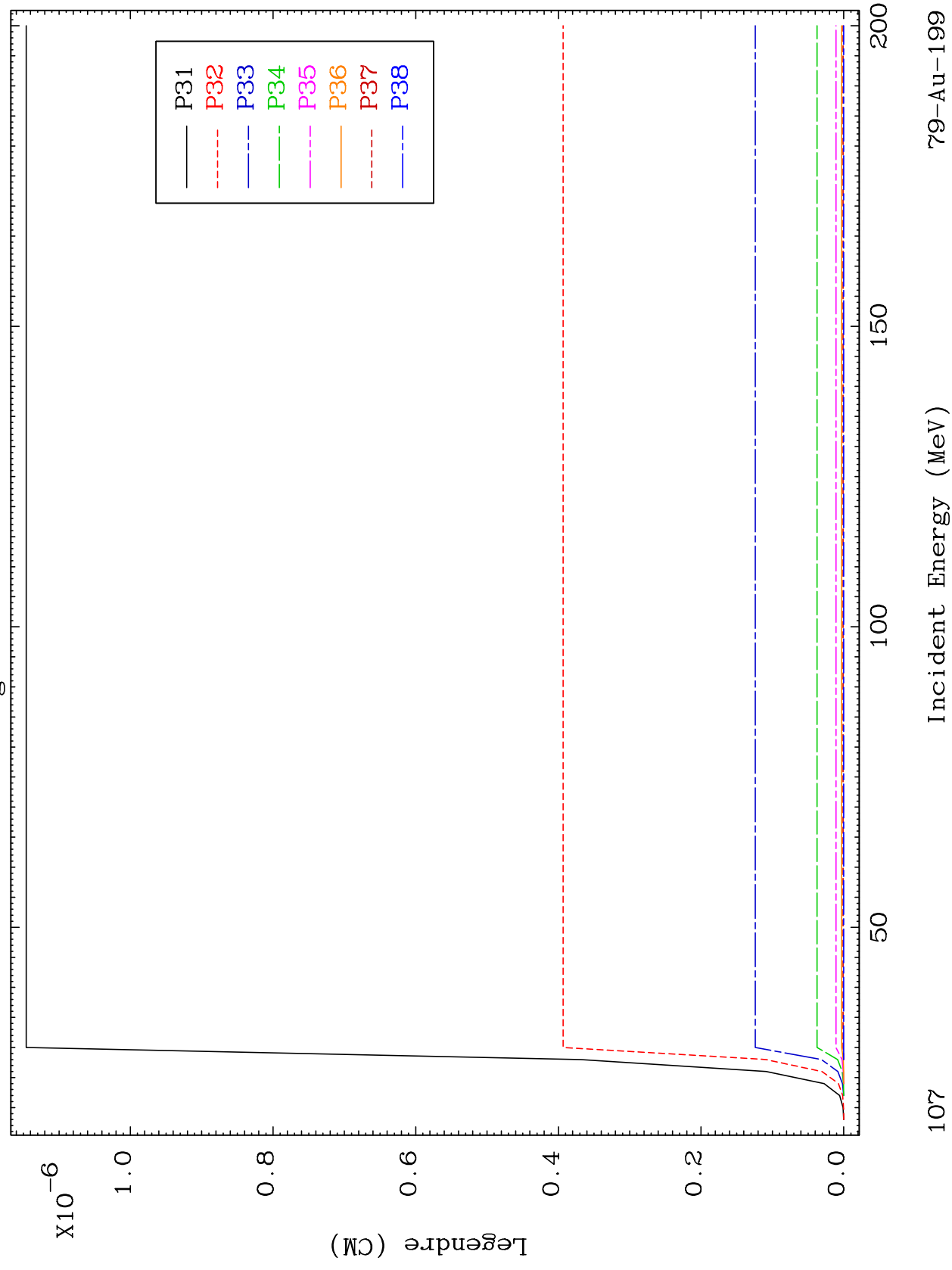
79-Au-199

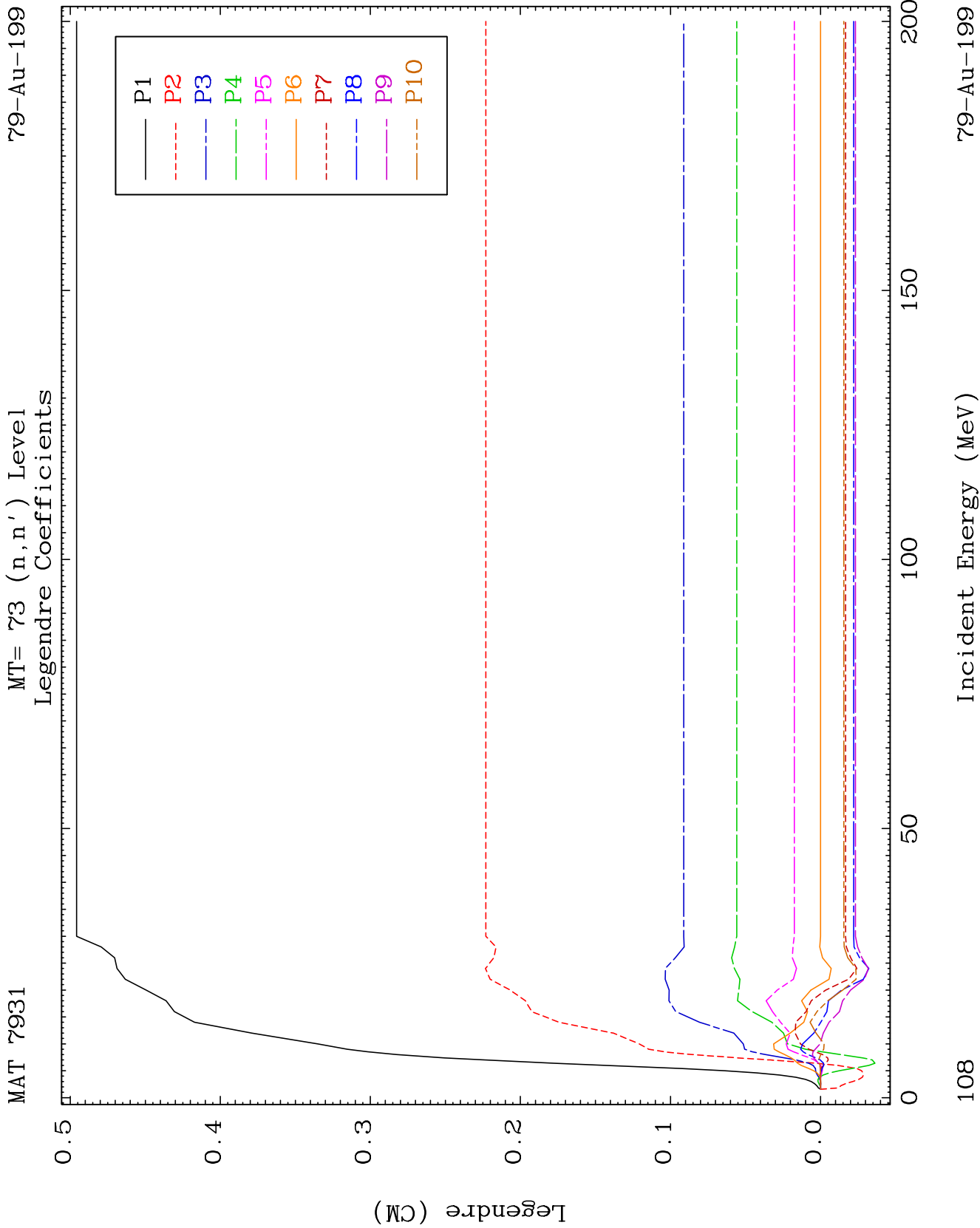


MAT 7931

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

79-Au-199

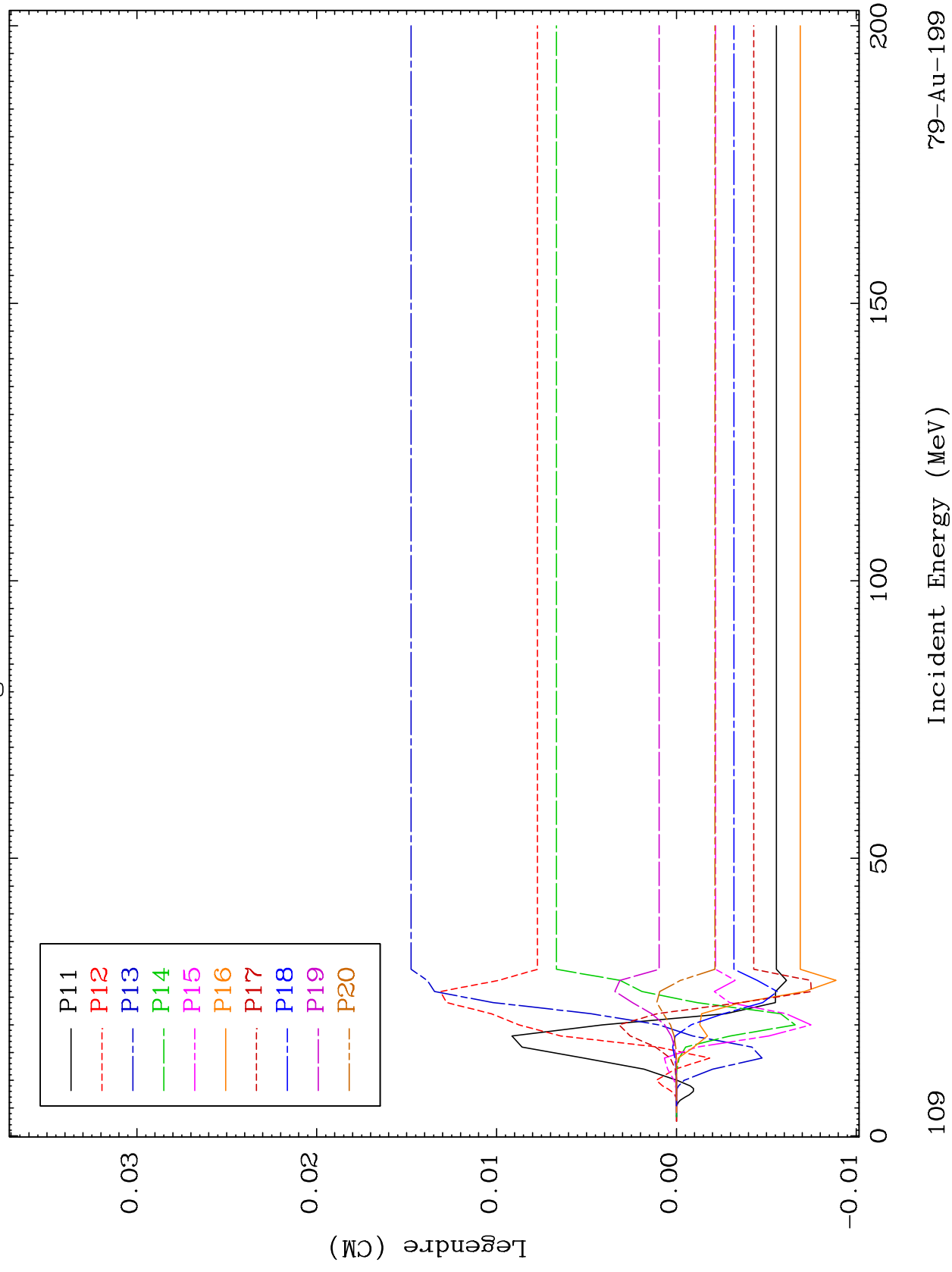




MAT 7931

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

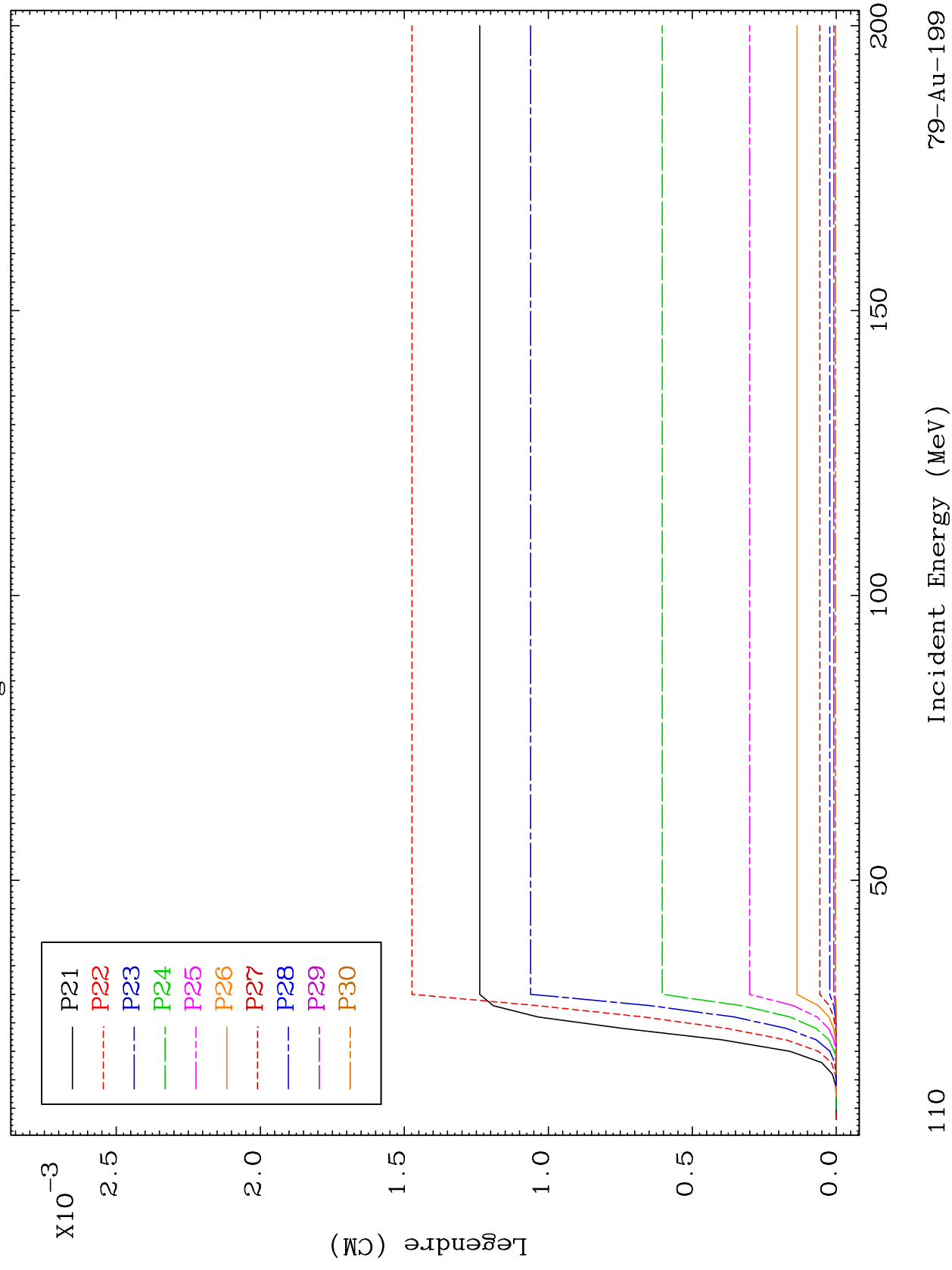
79-Au-199

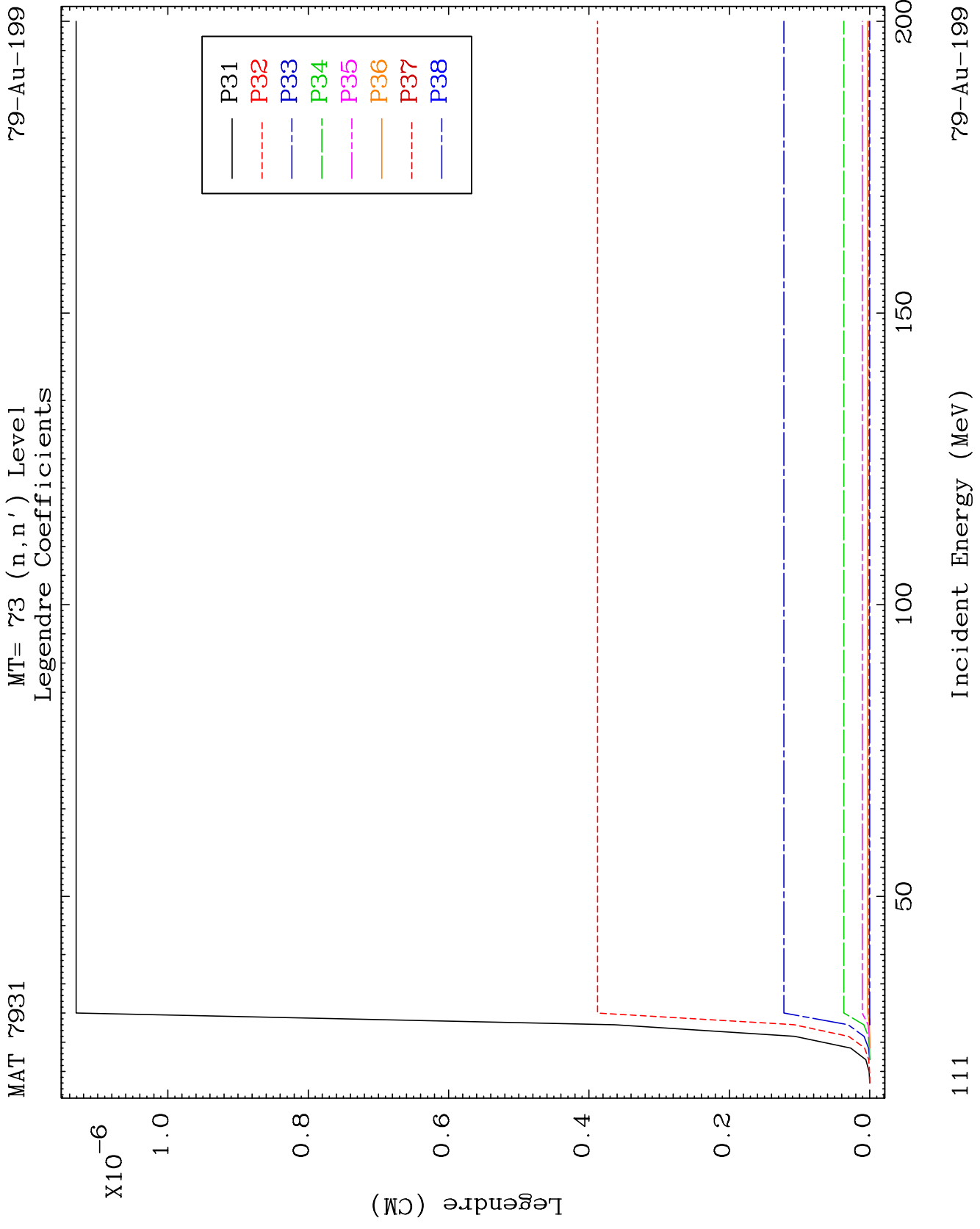


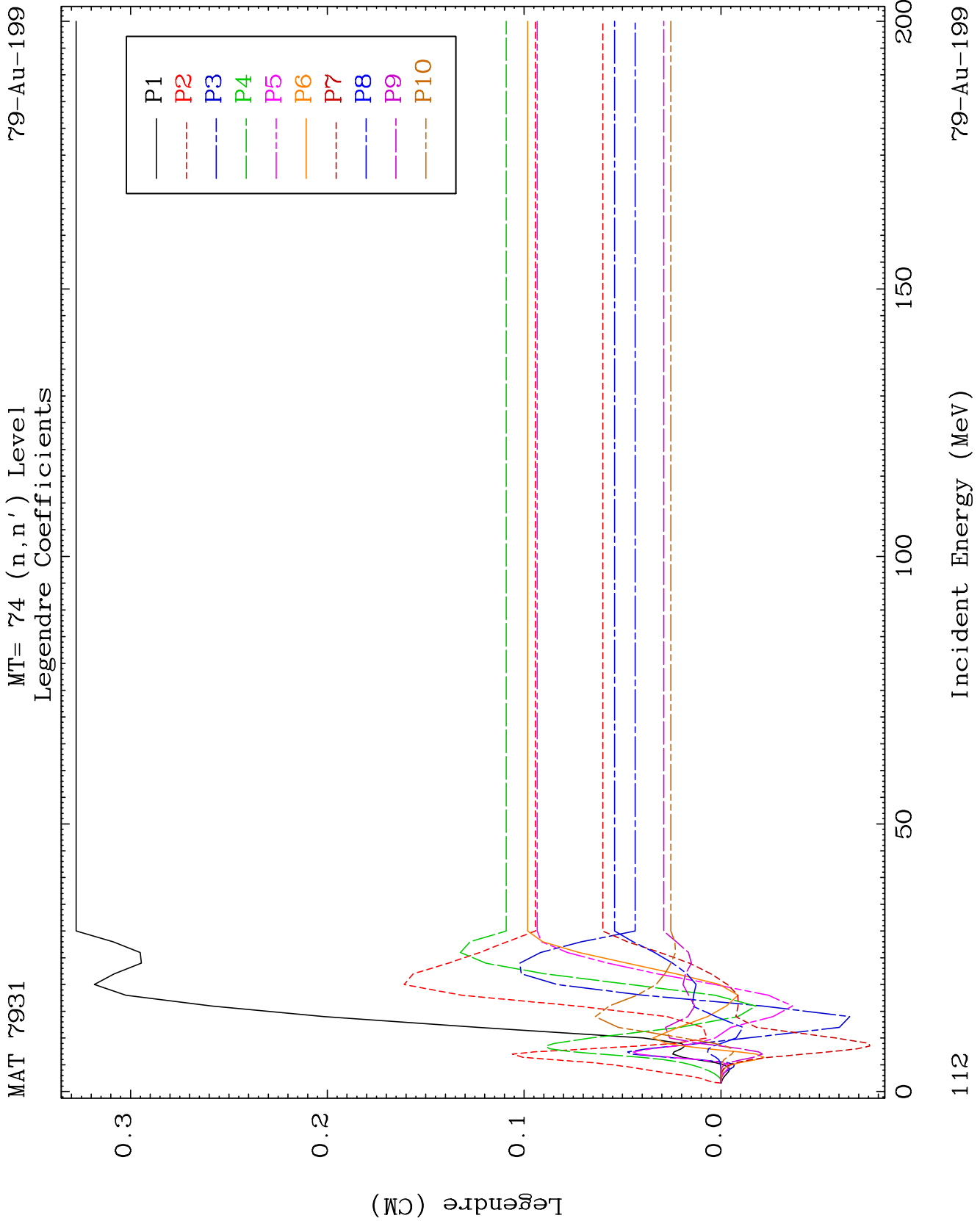
MAT 7931

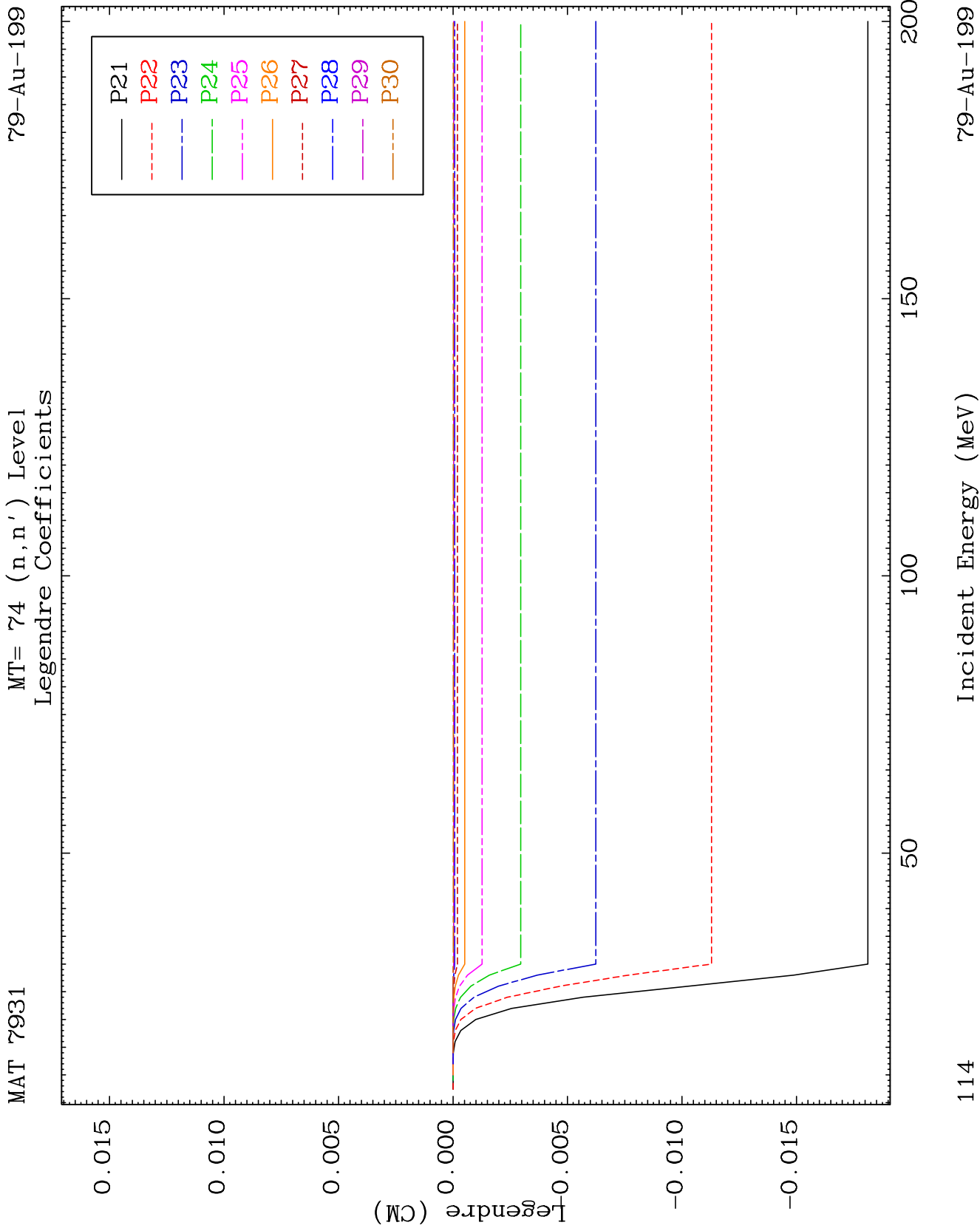
MT= 73 (n, n') Level
Legendre Coefficients

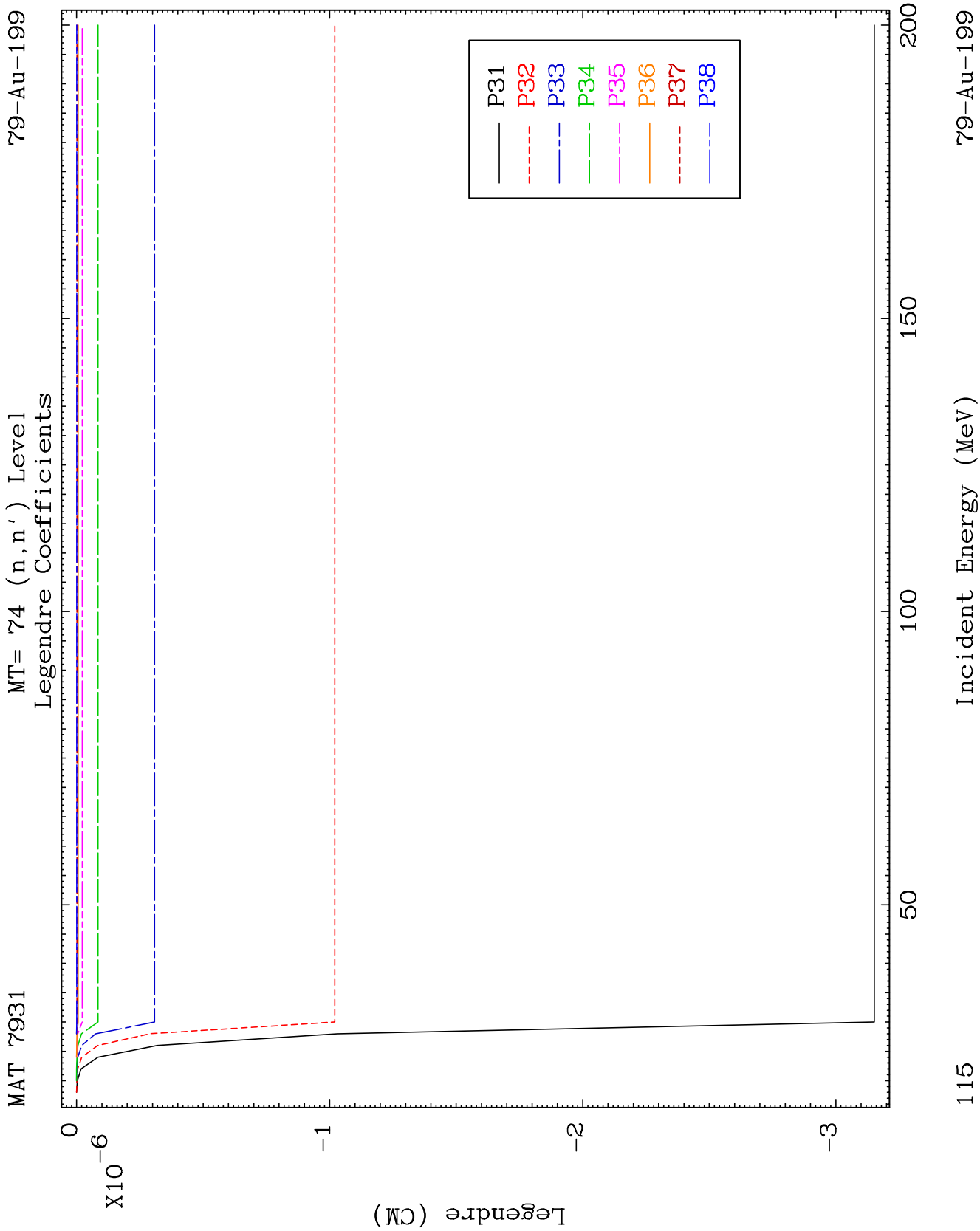
79-Au-199

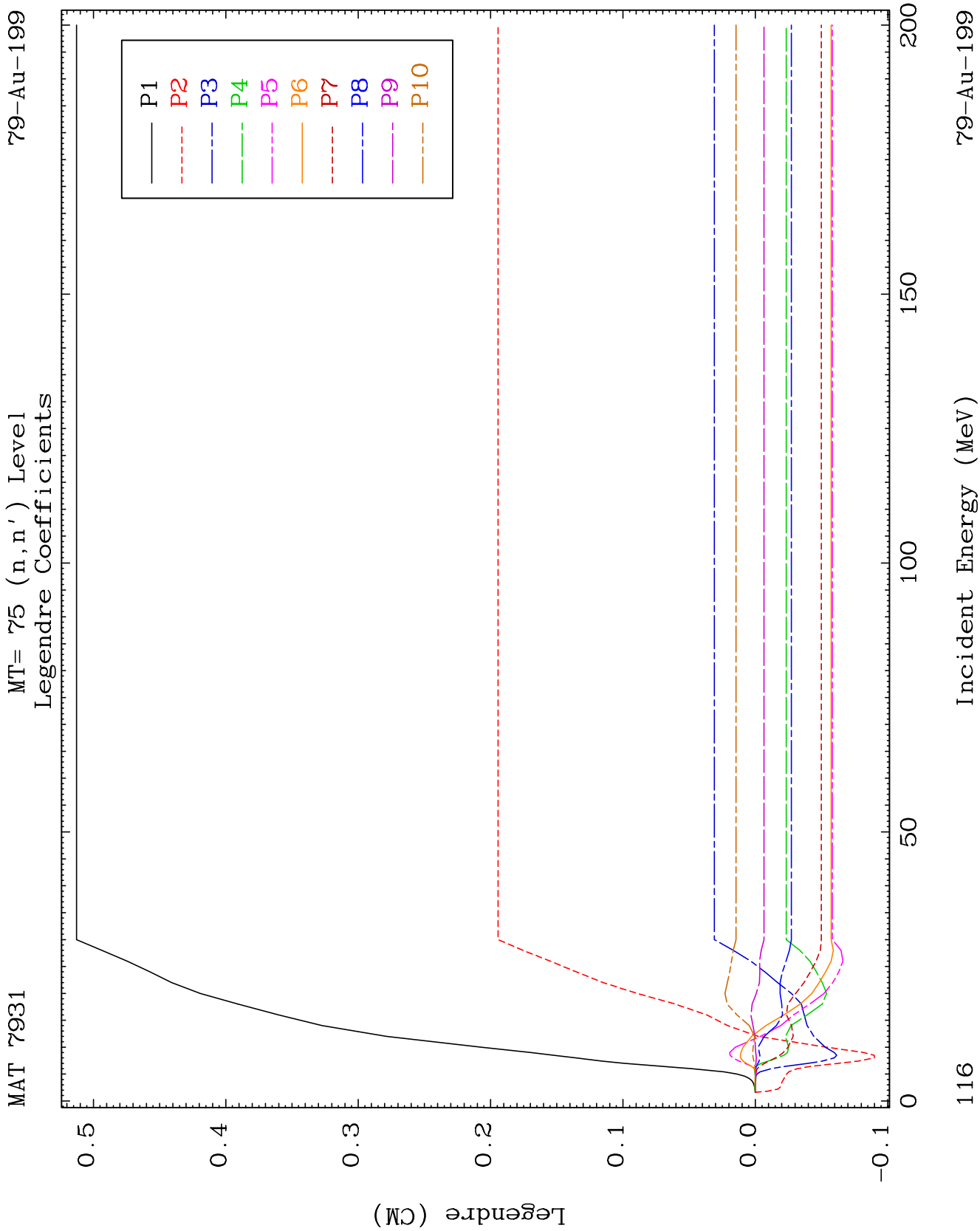


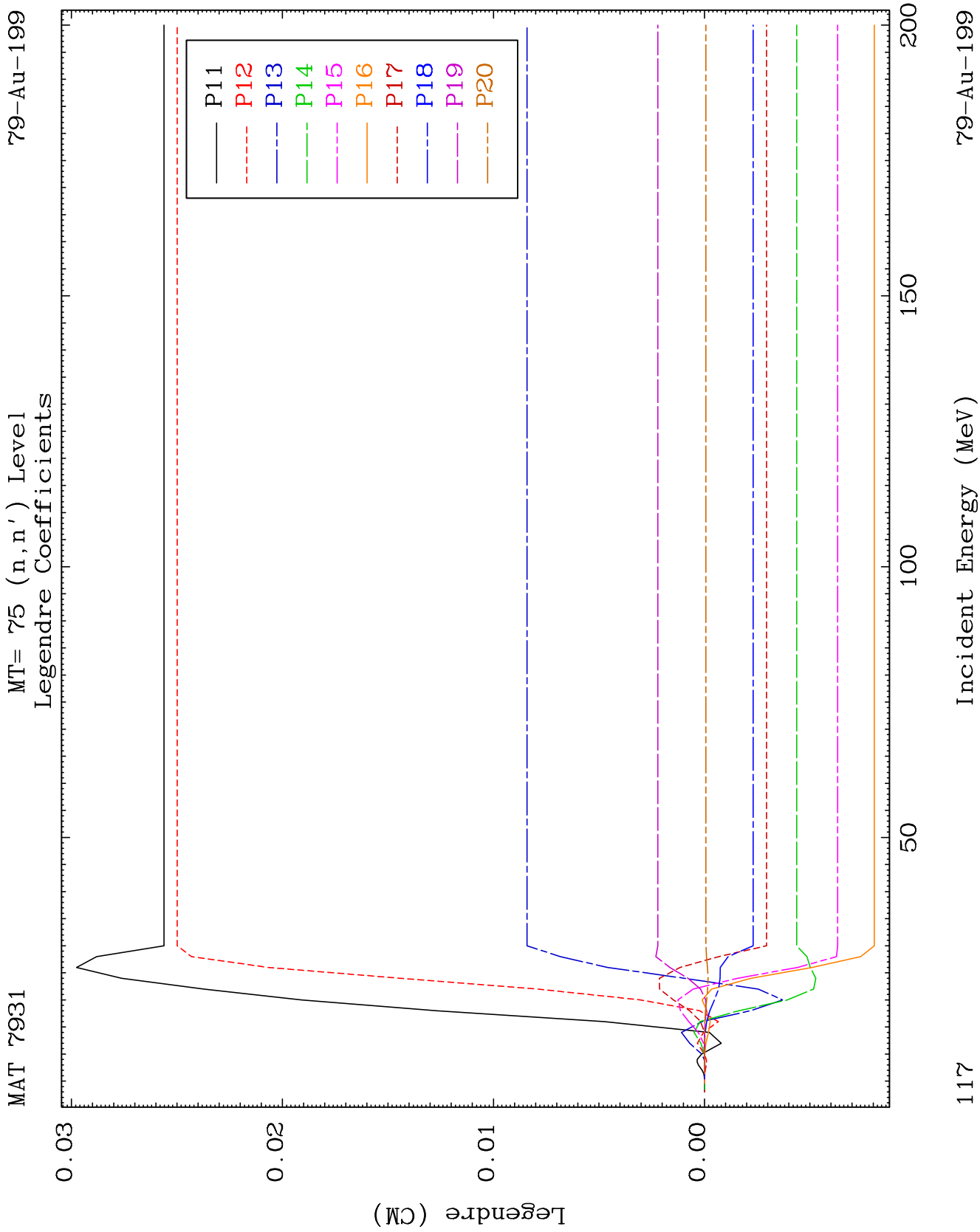


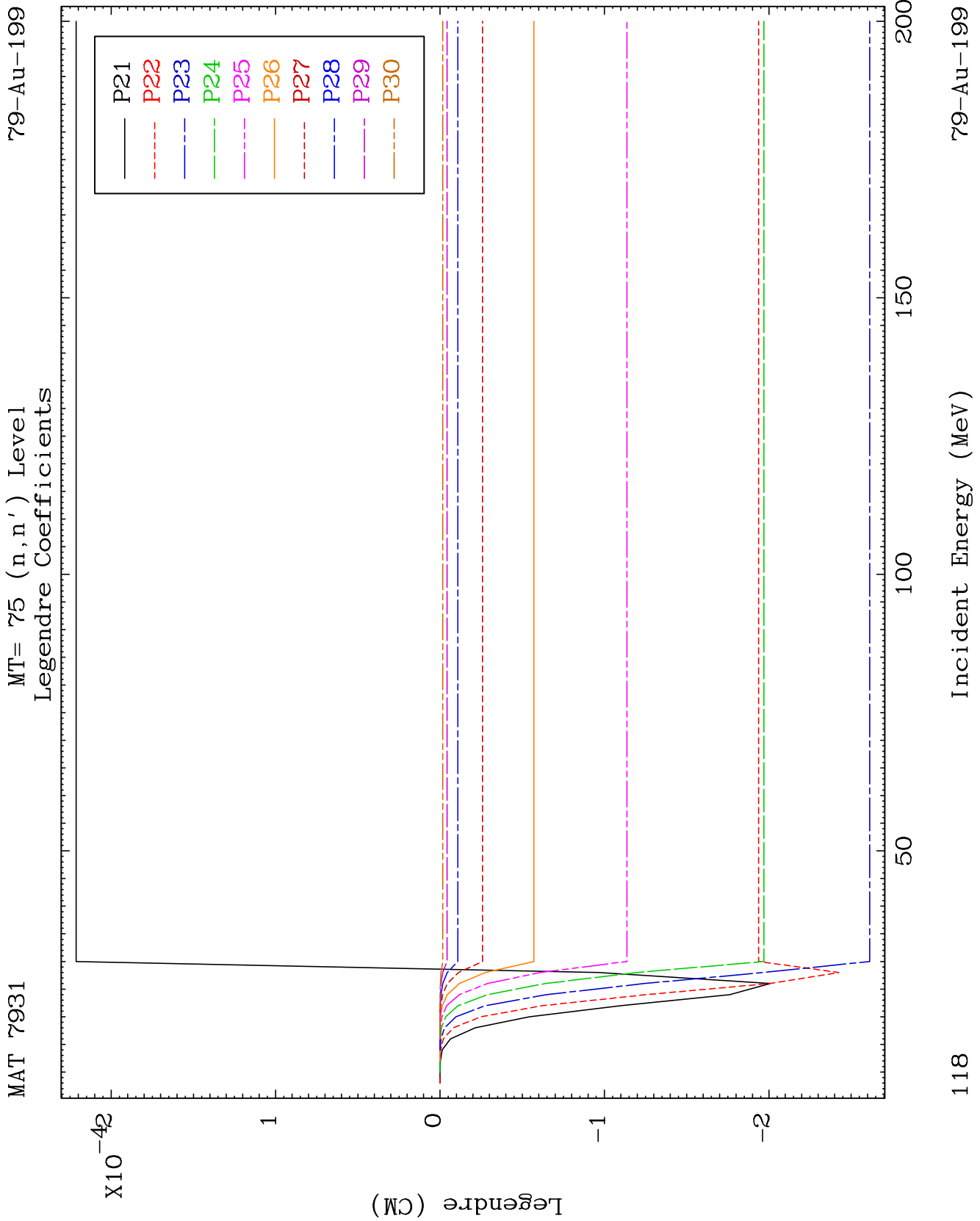


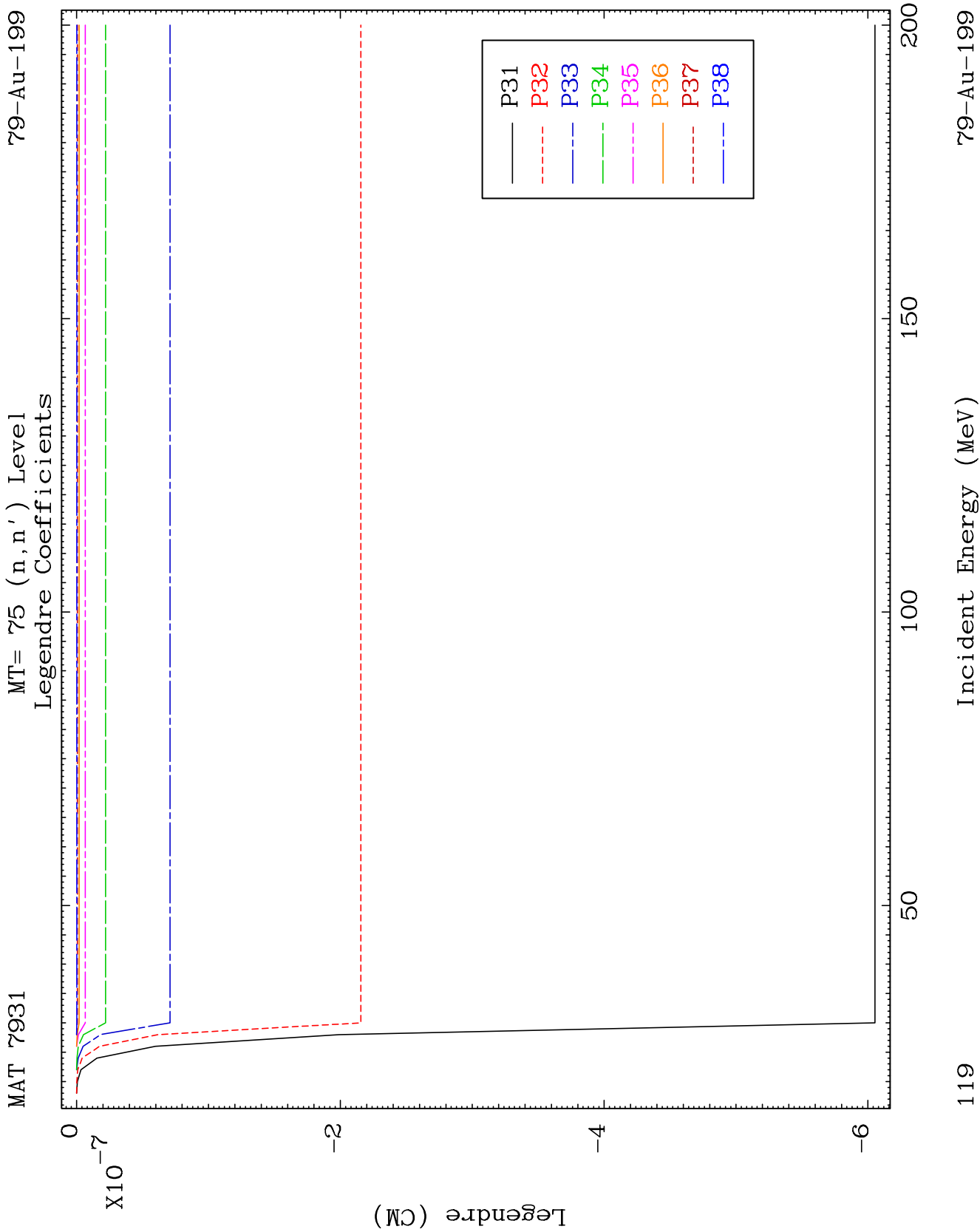


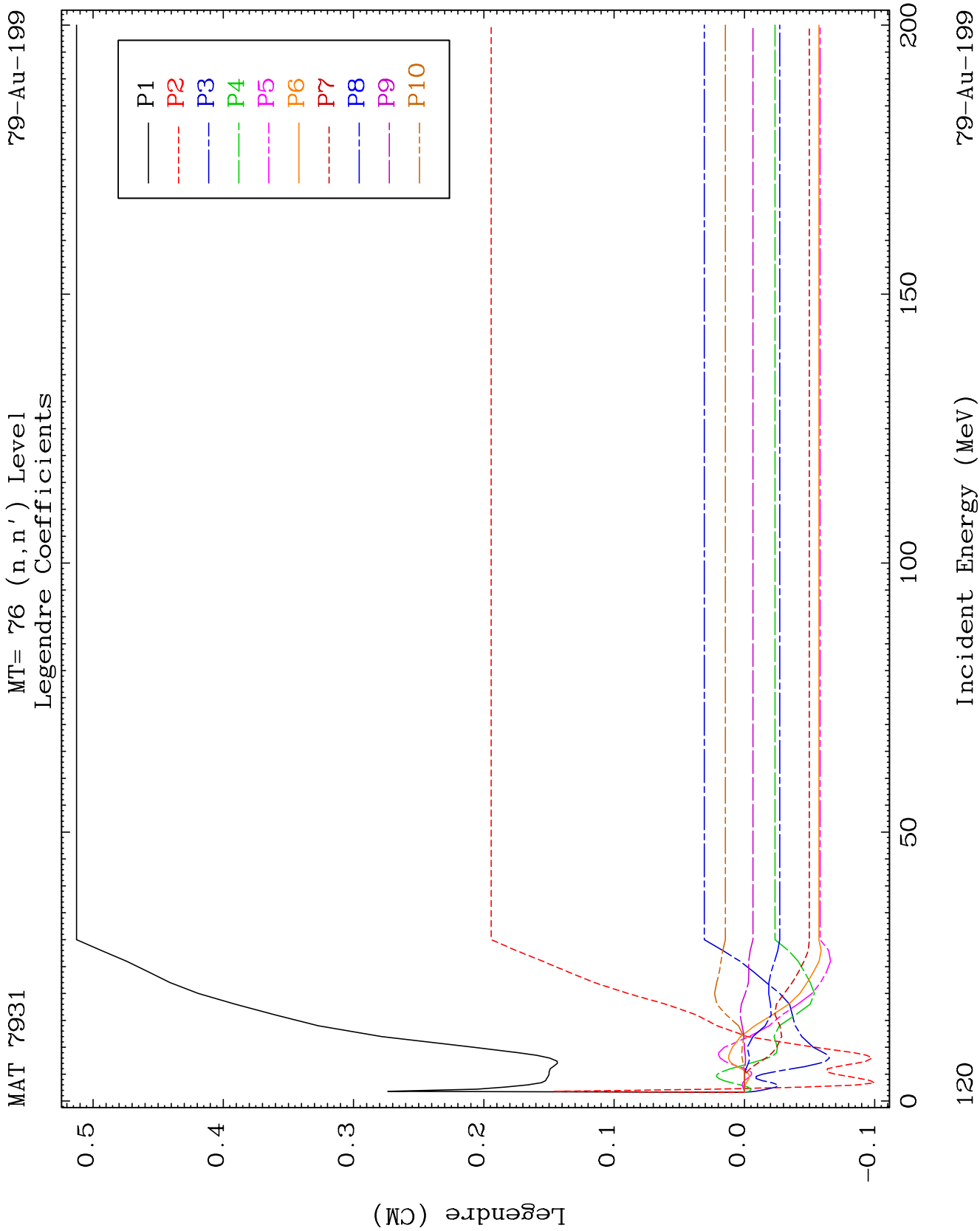


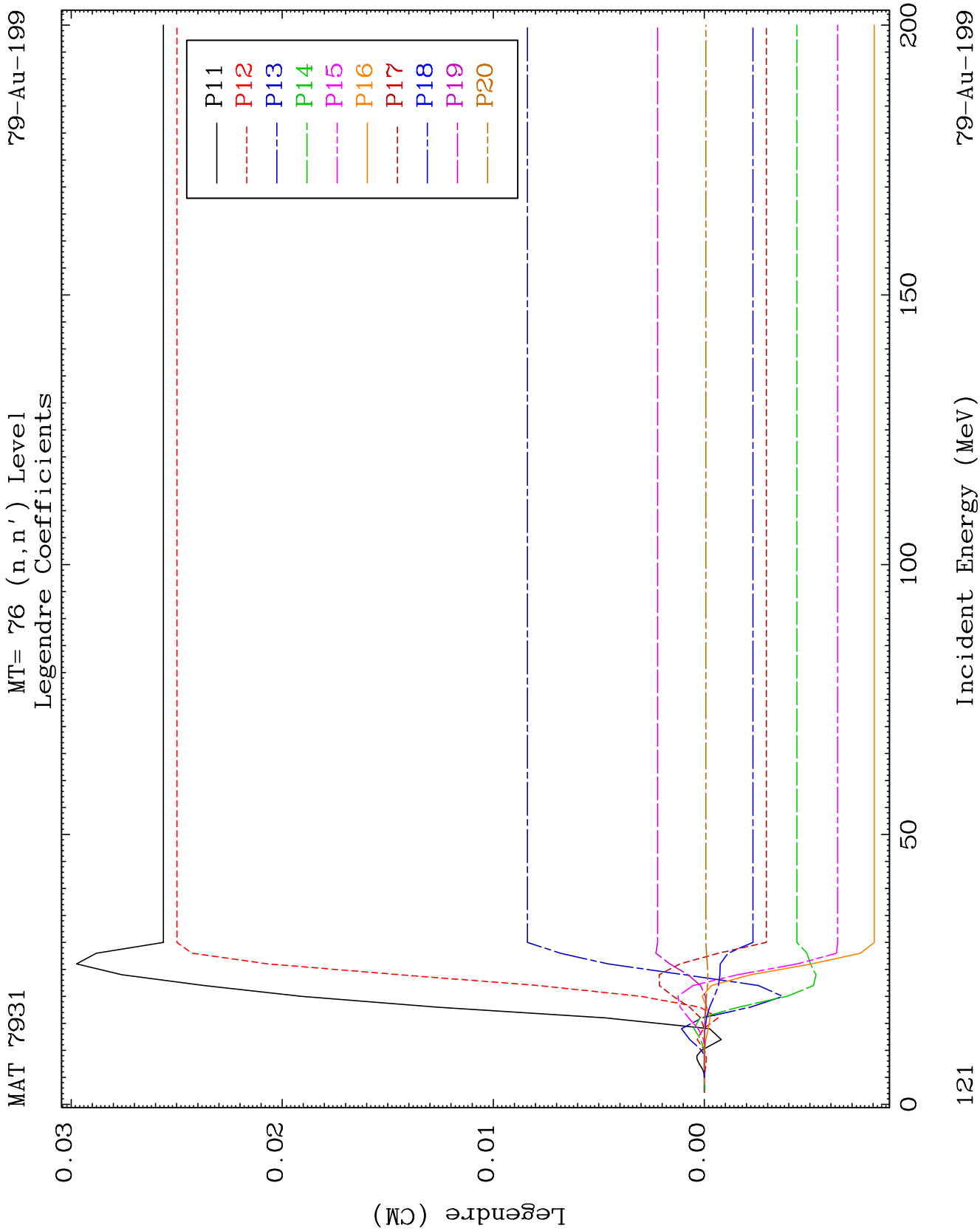


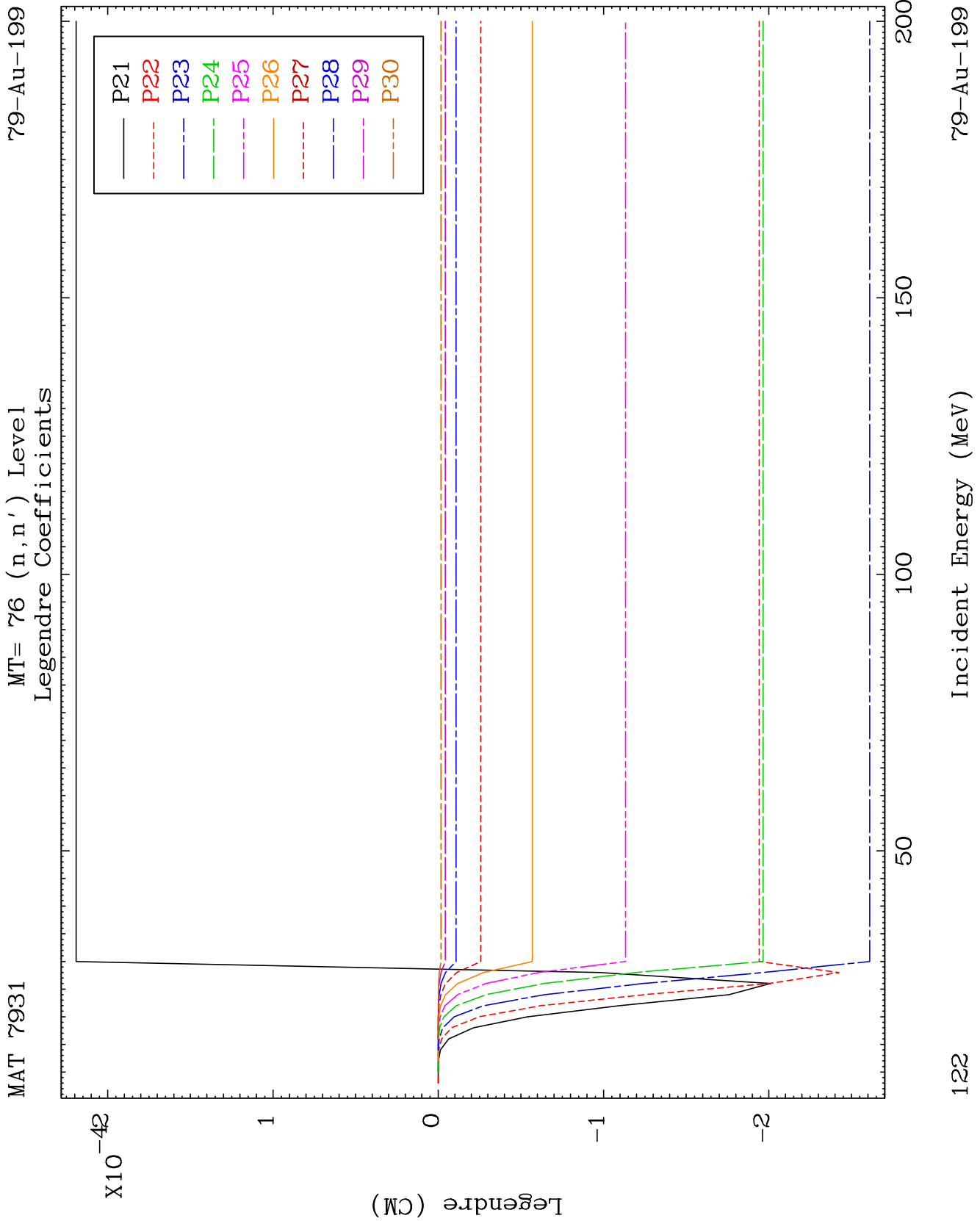










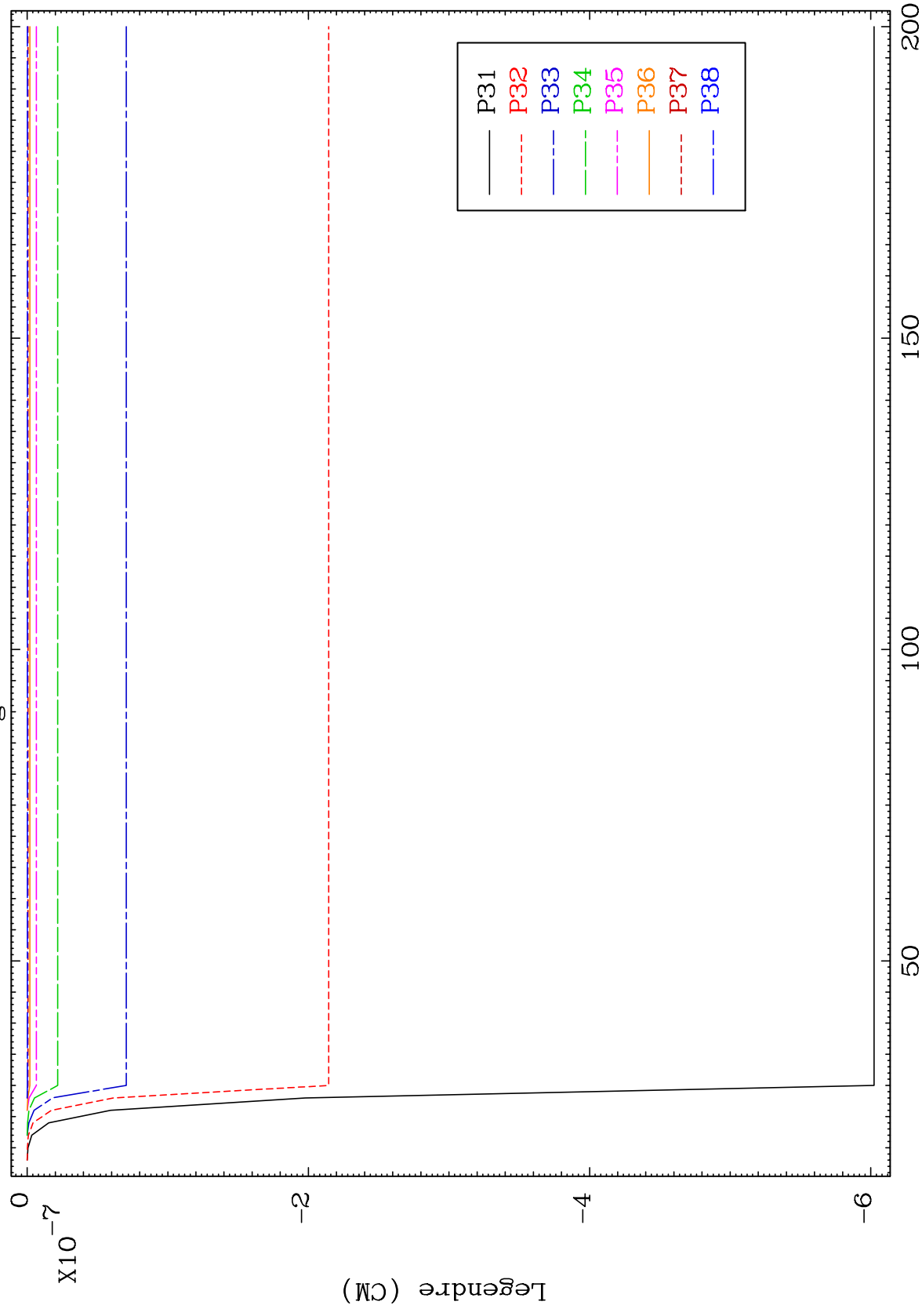


MAT 7931

MT=76 (n,n') Level

79-Au-199

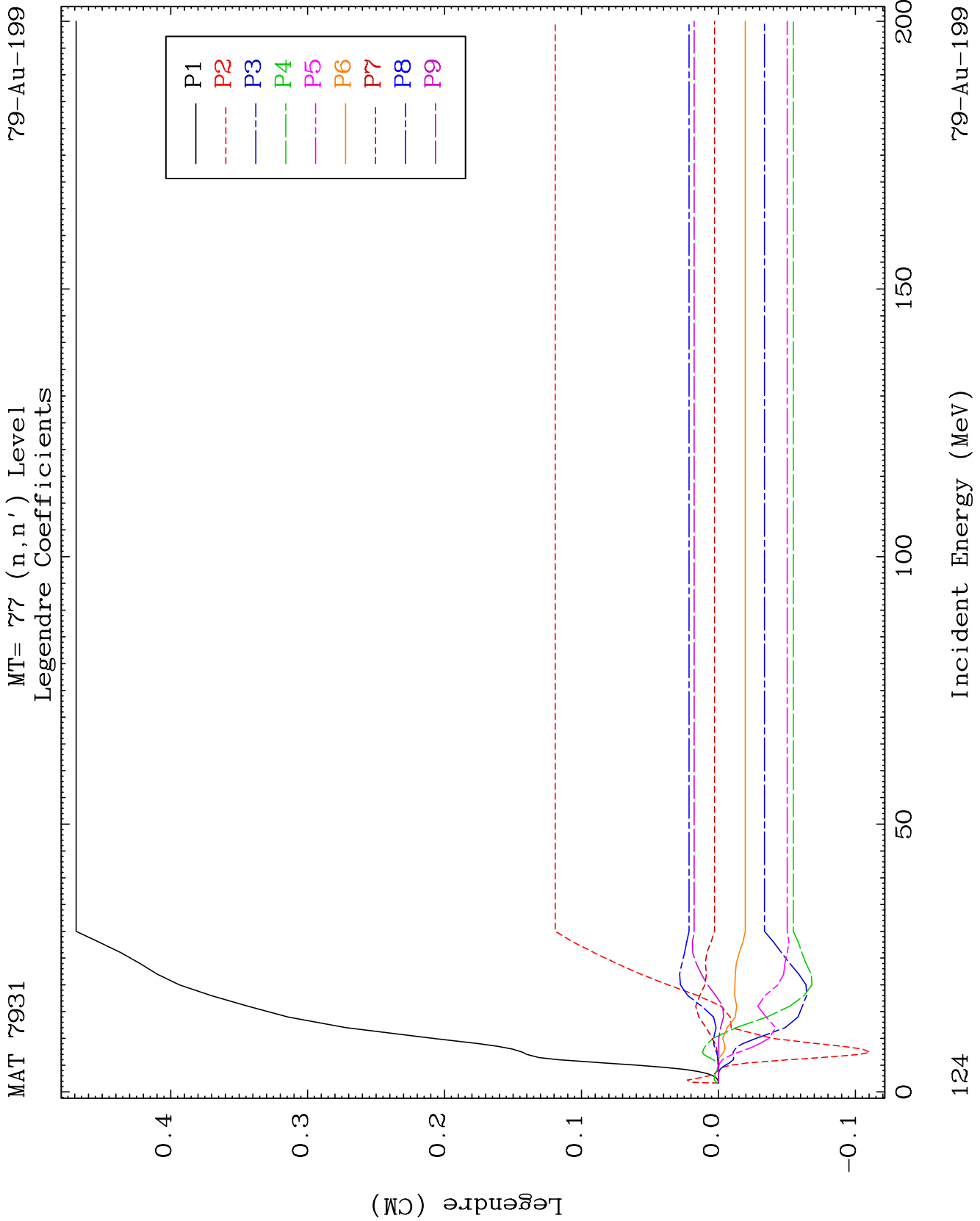
Legendre Coefficients

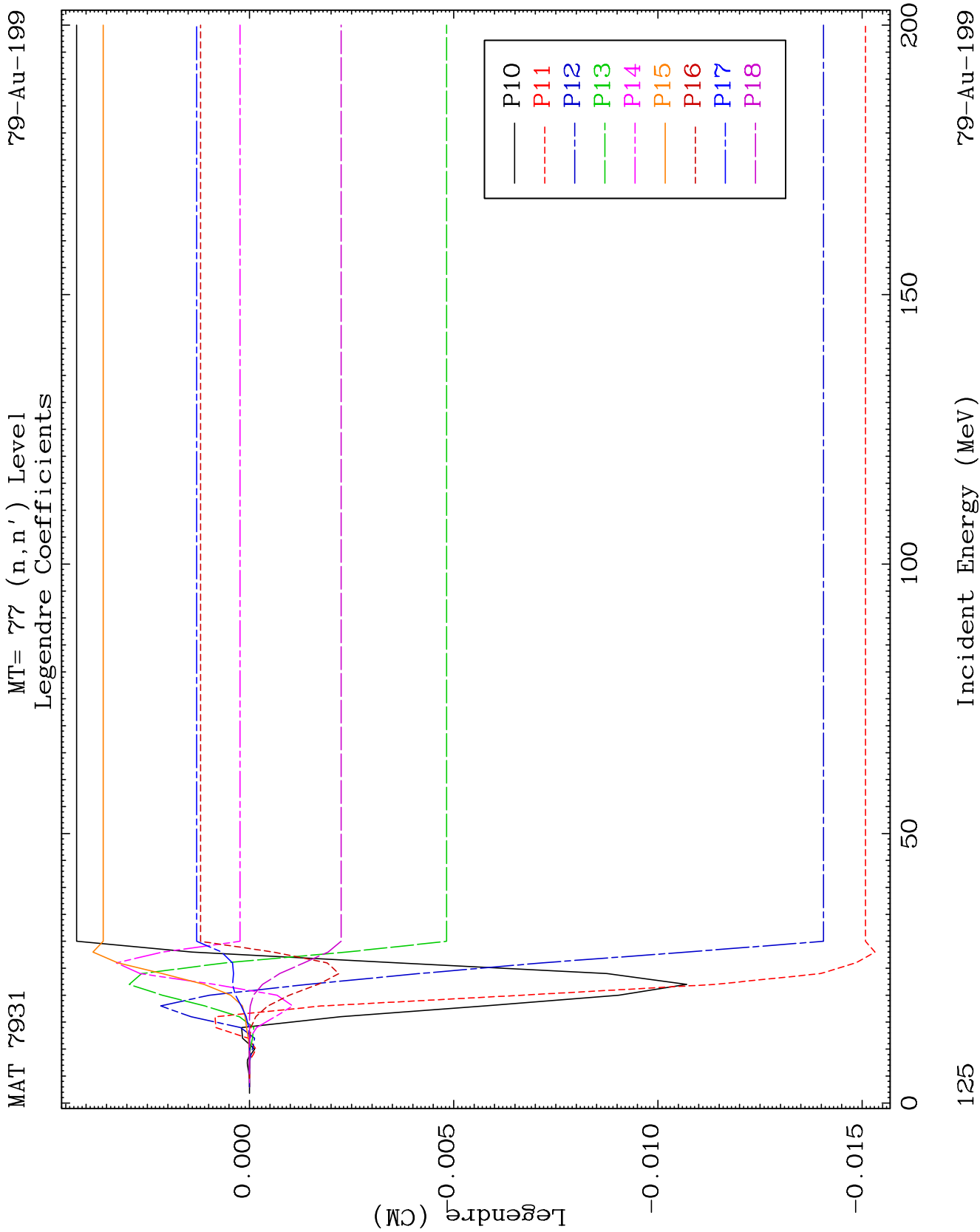


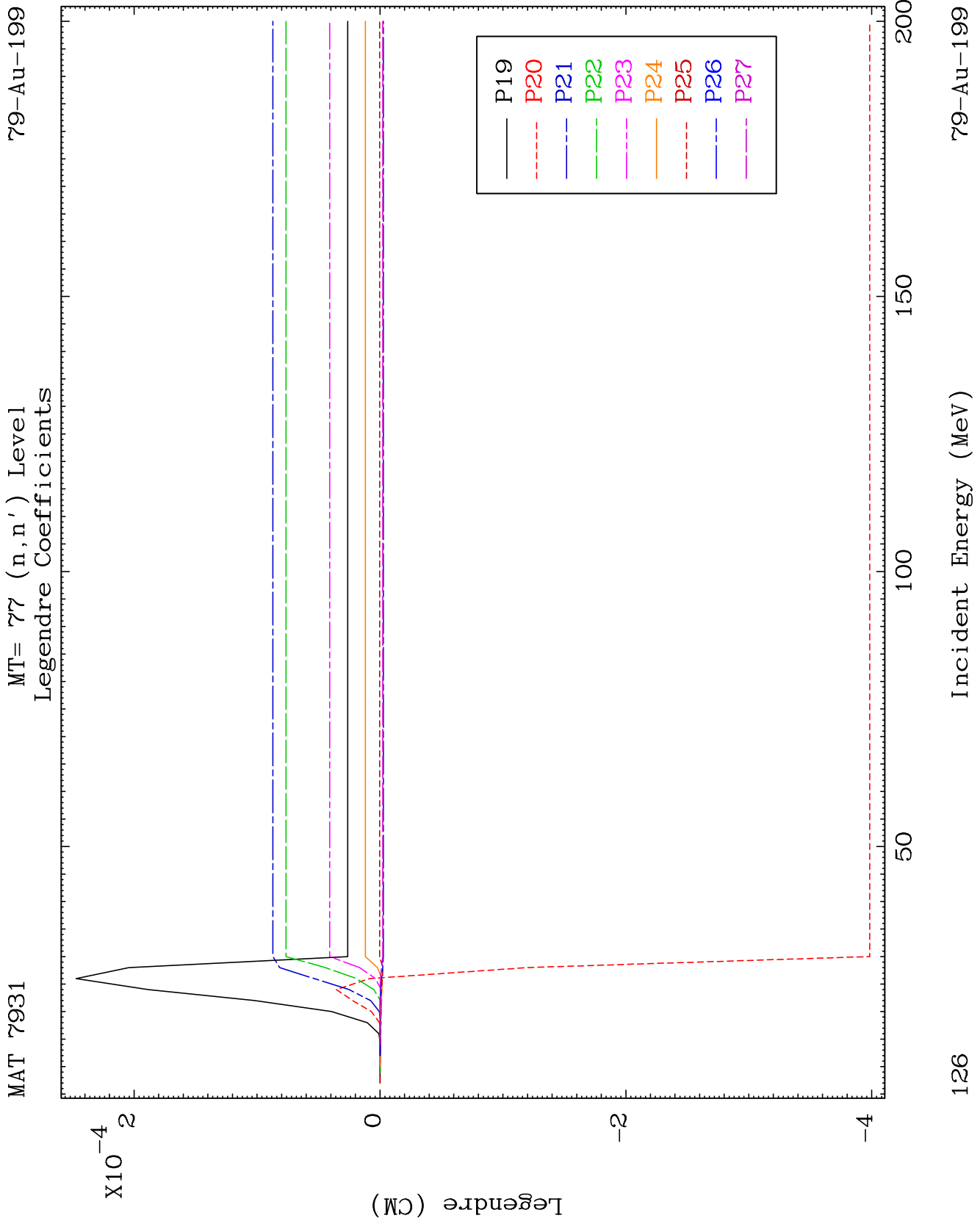
123

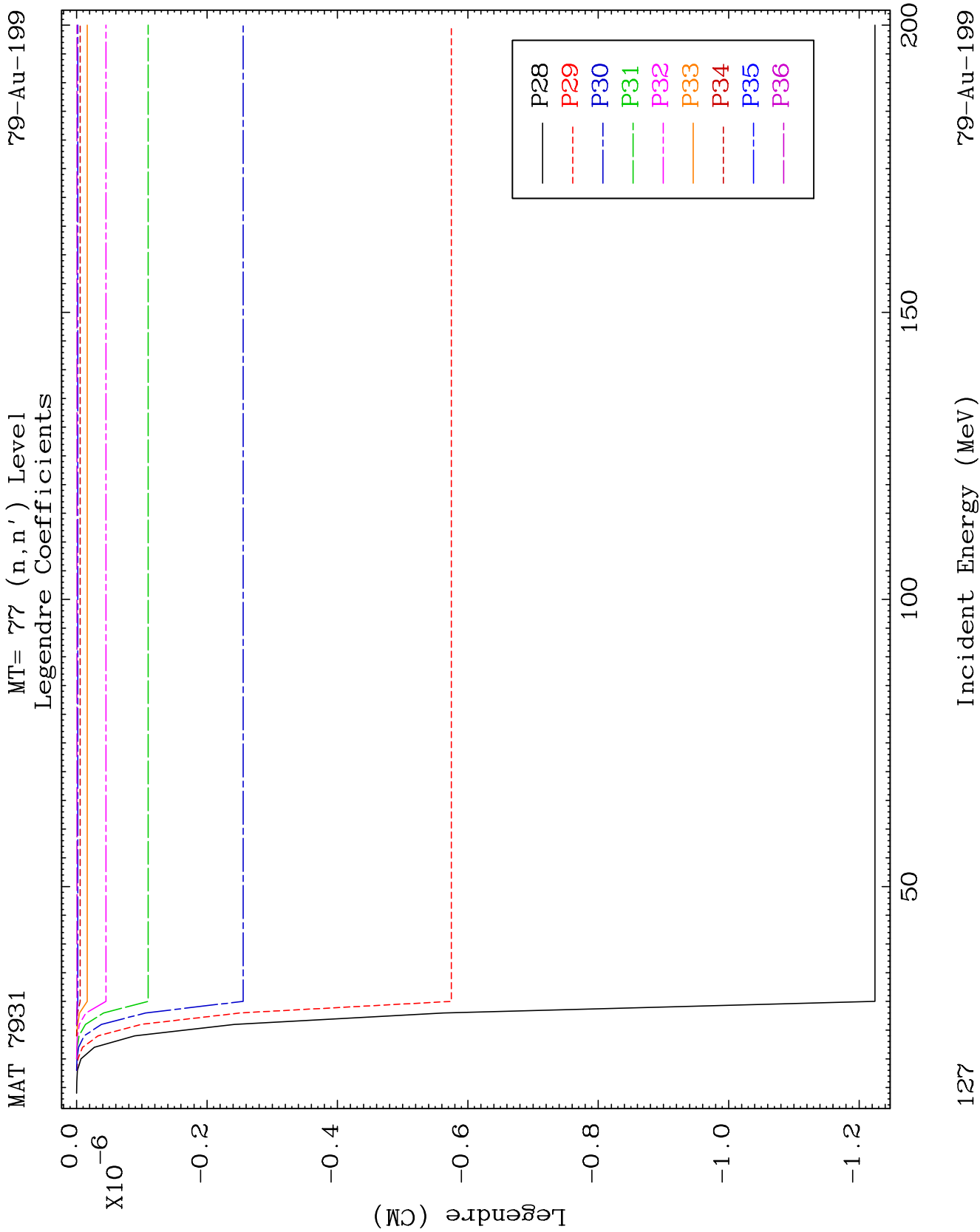
Incident Energy (MeV)

79-Au-199





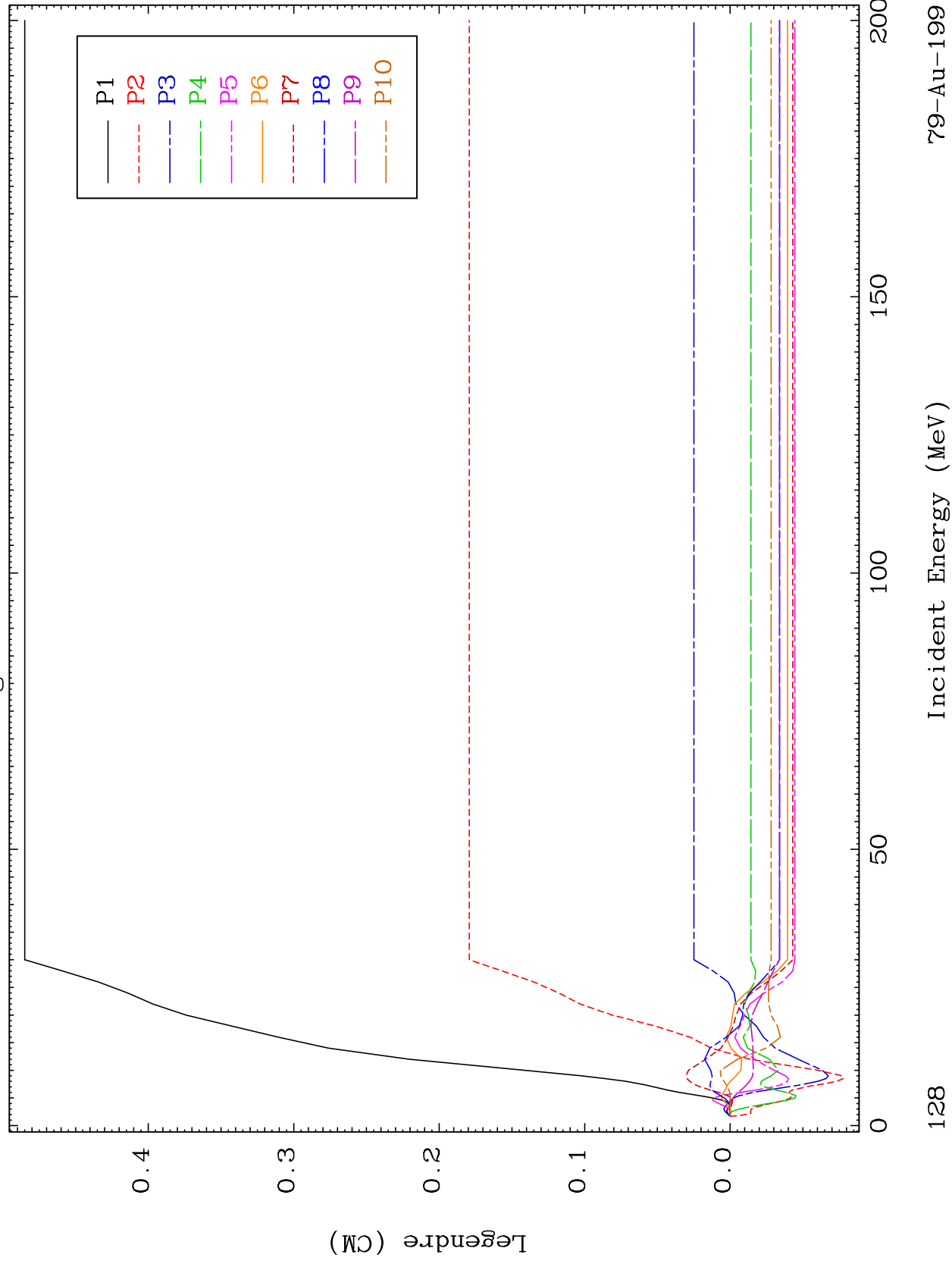




MAT 7931

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

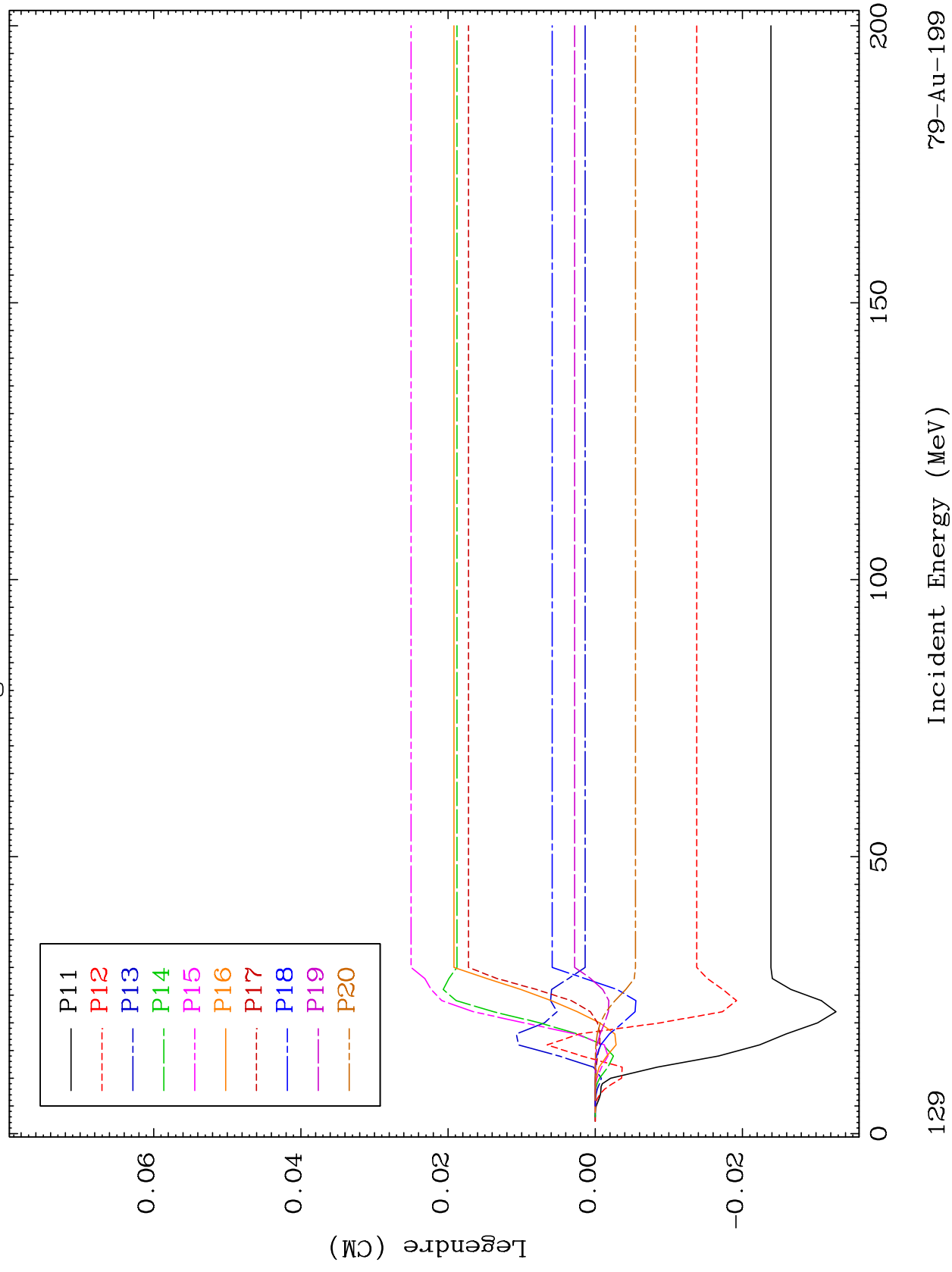
79-Au-199



MAT 7931

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

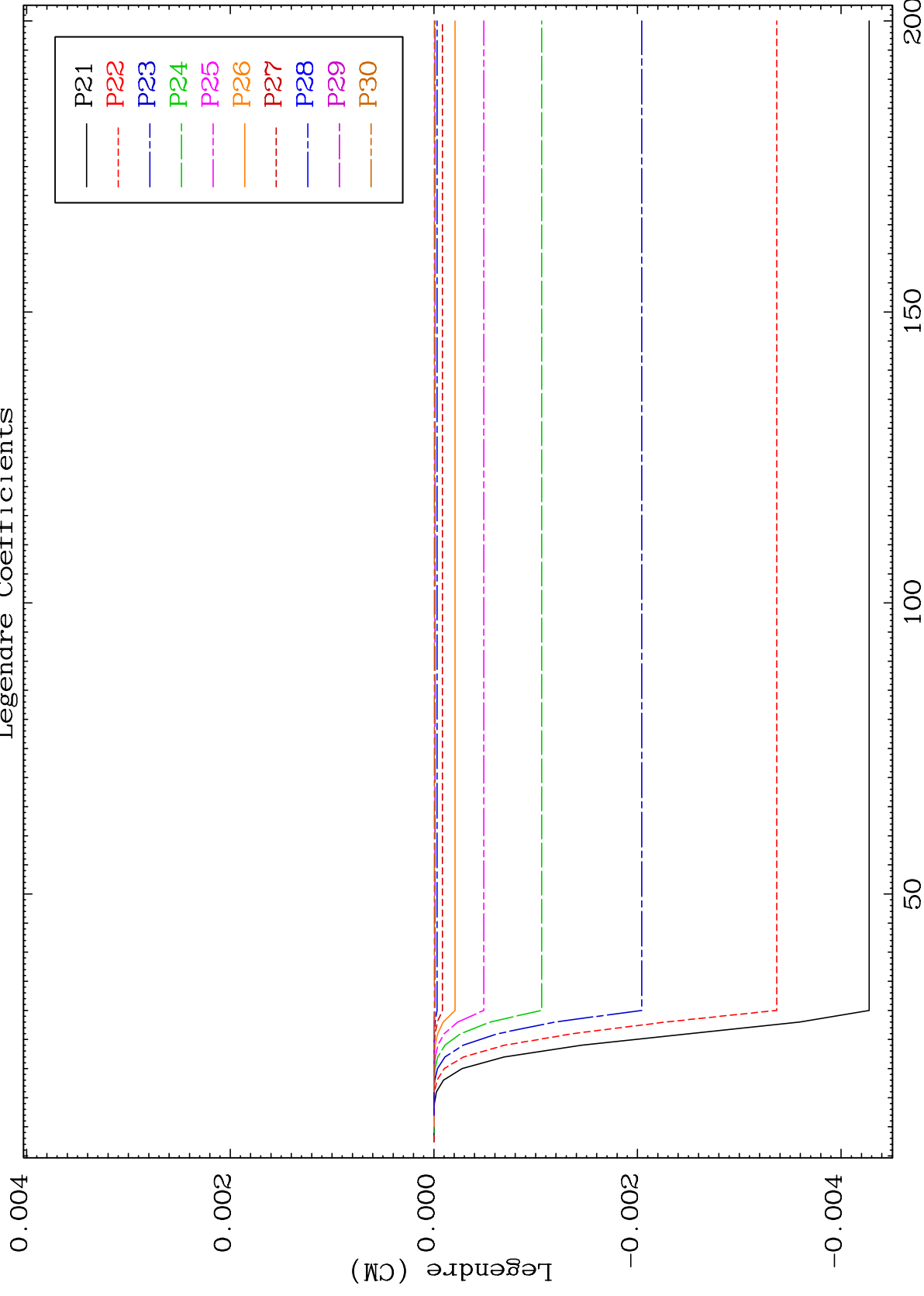
79-Au-199



MAT 7931

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

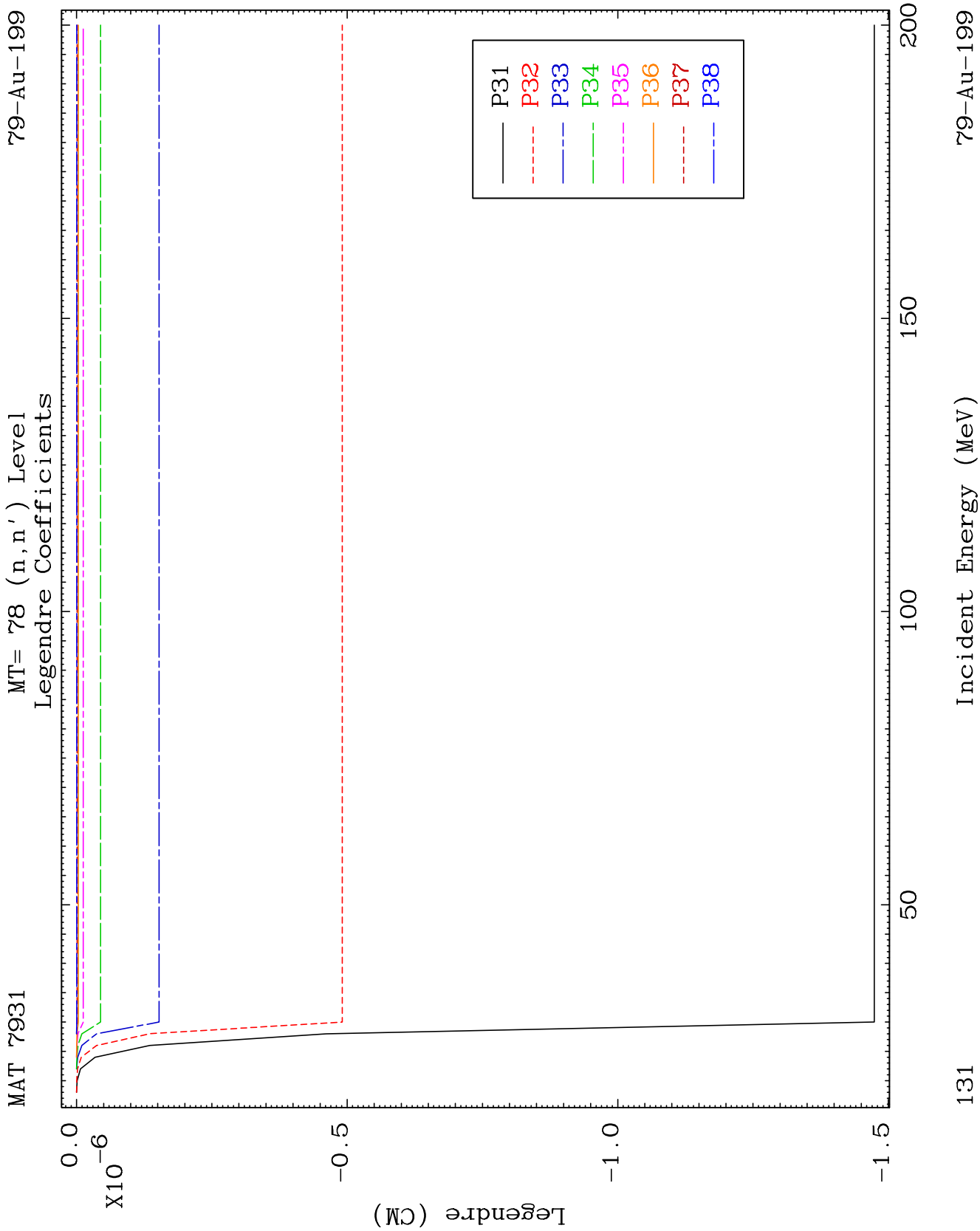
79-Au-199

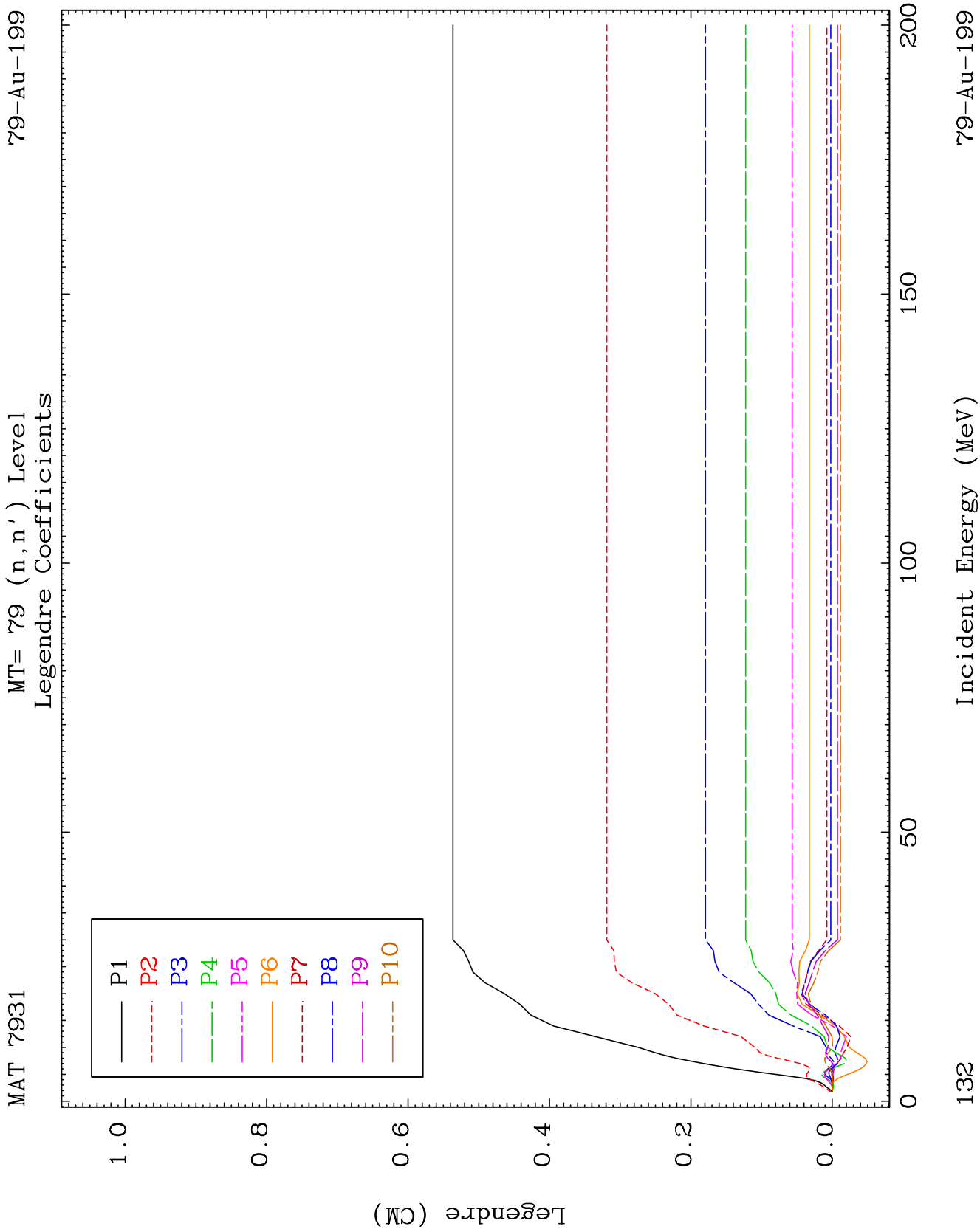


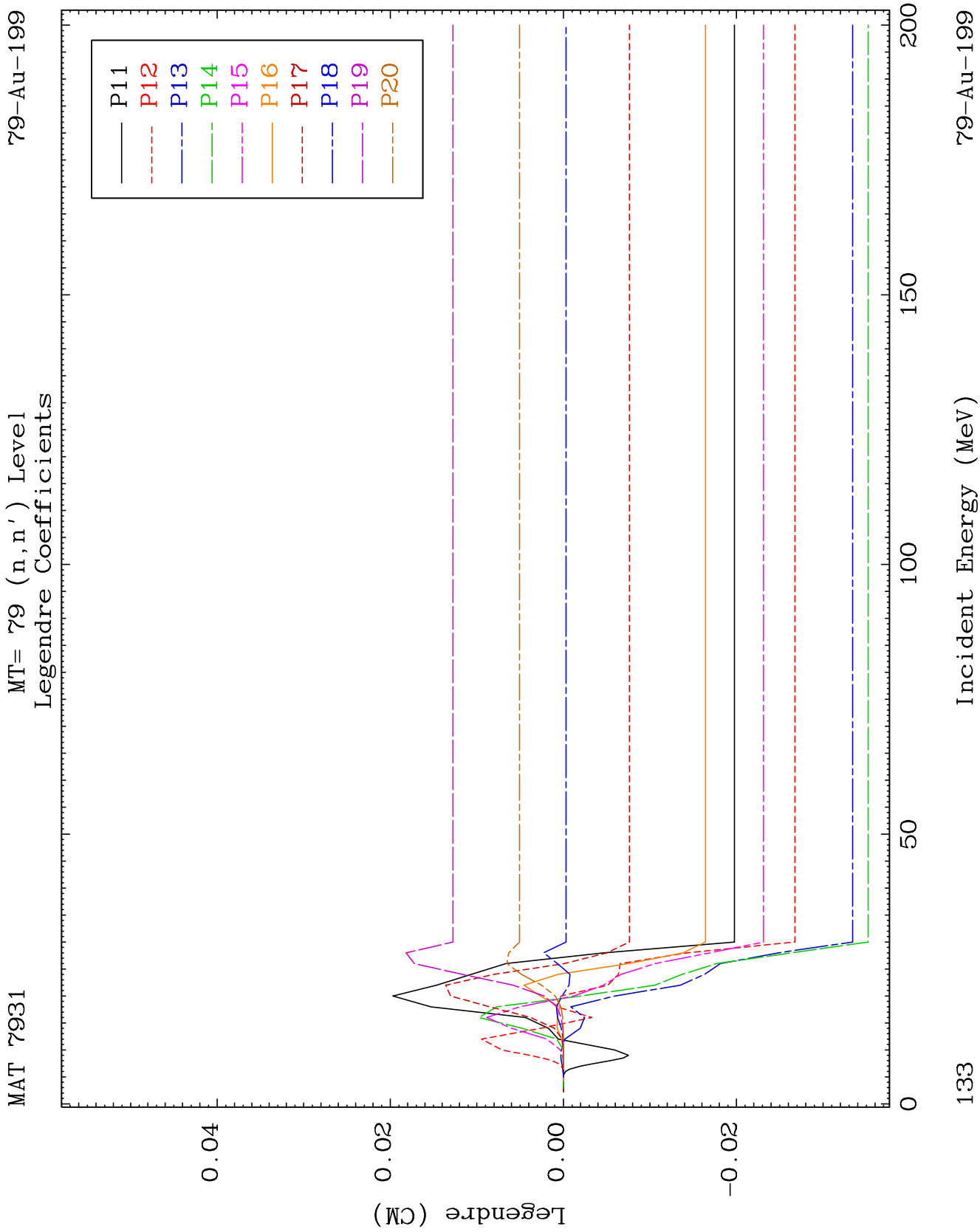
130

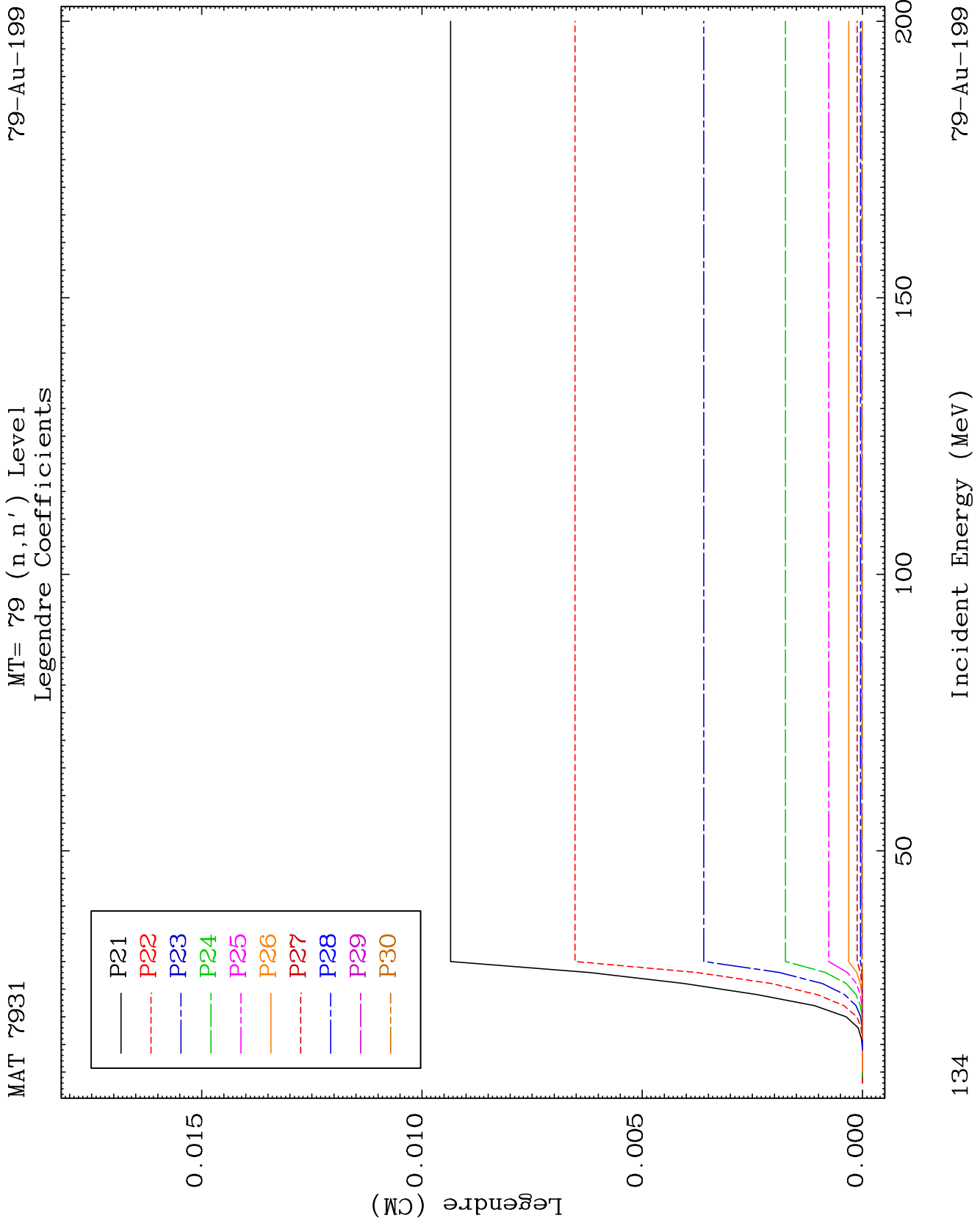
Incident Energy (MeV)

79-Au-199





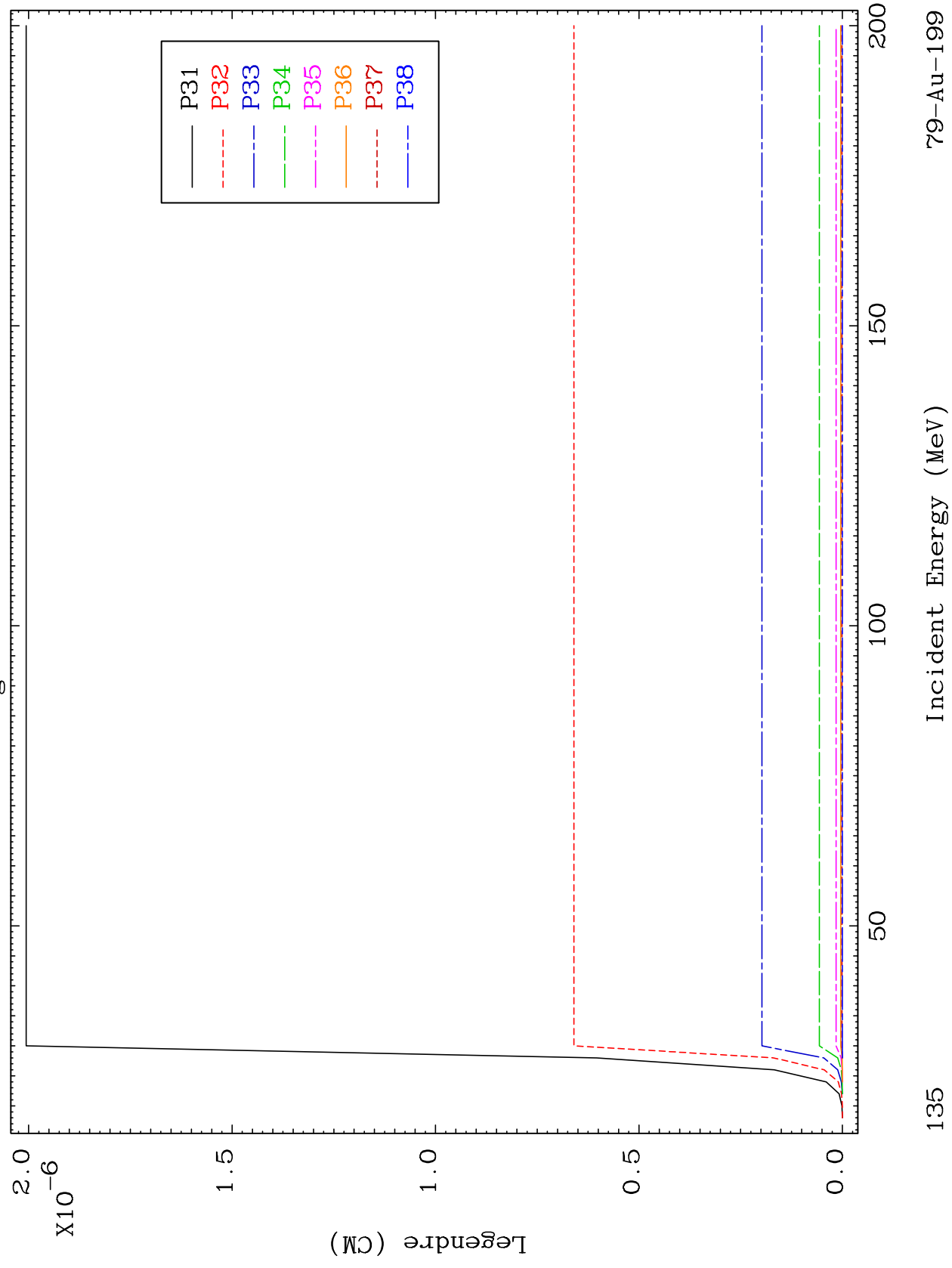




MAT 7931

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

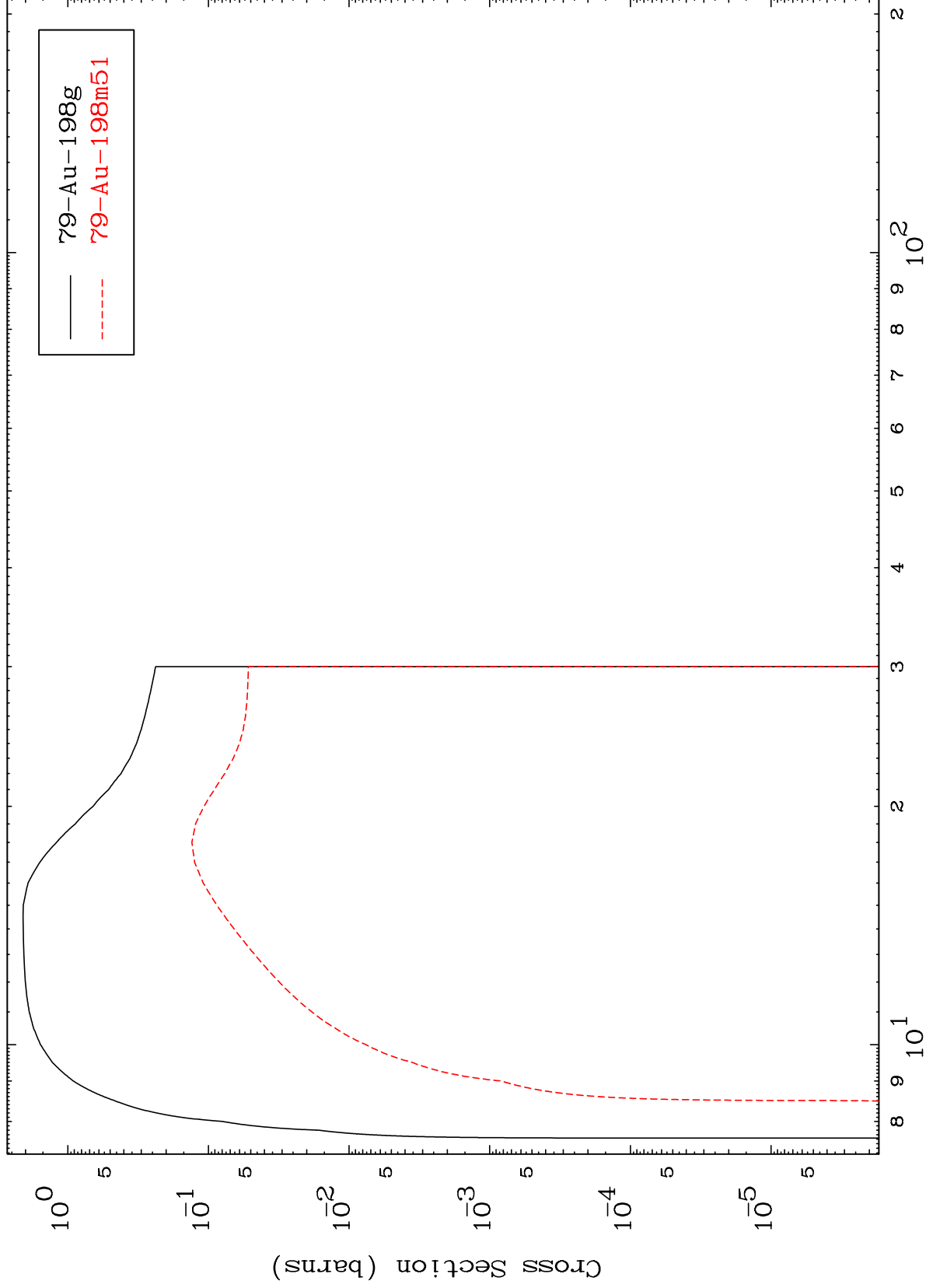
79-Au-199



MAT 7931

79-Au-199

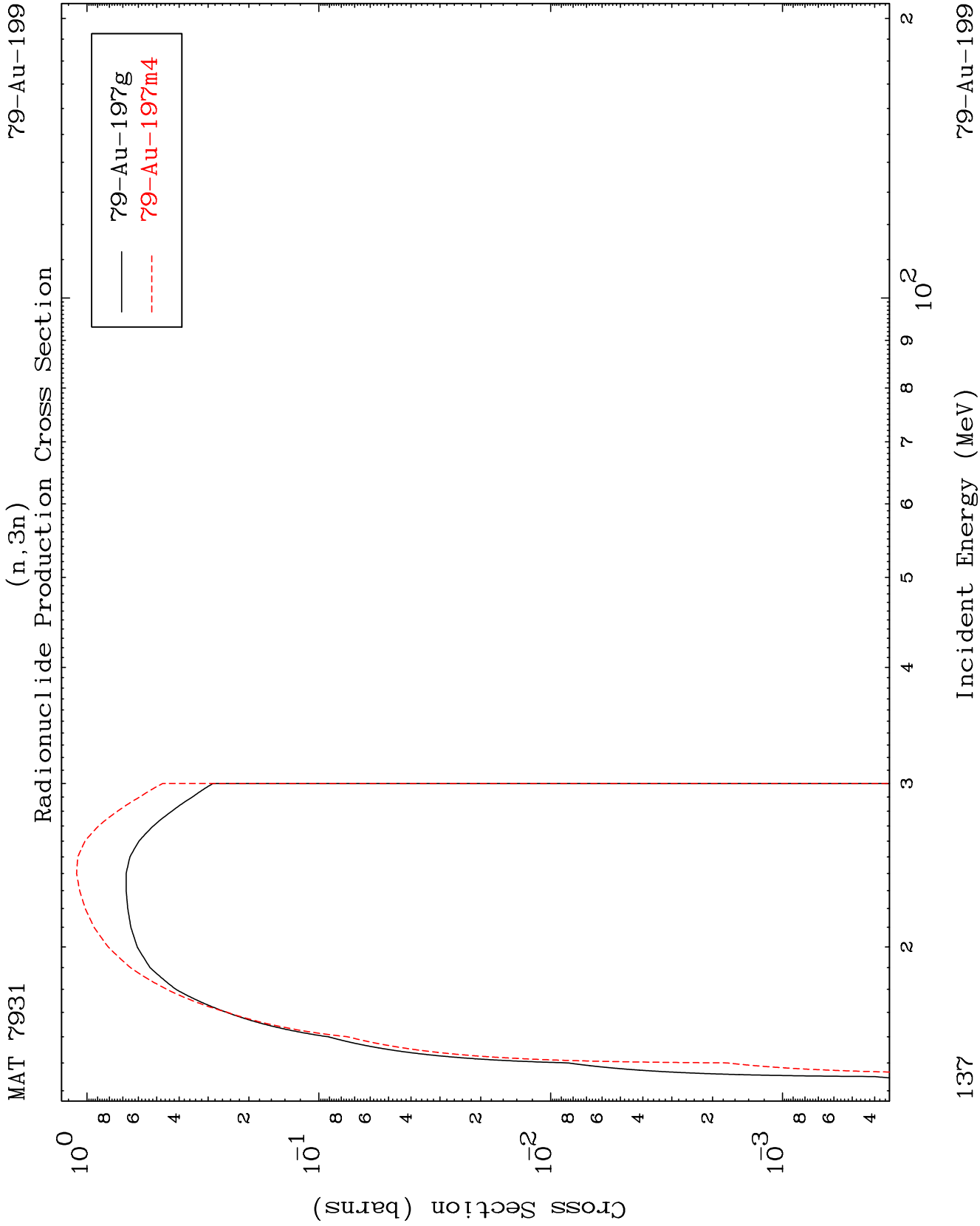
(n,2n)
Radionuclide Production Cross Section



79-Au-199

Incident Energy (MeV)

136

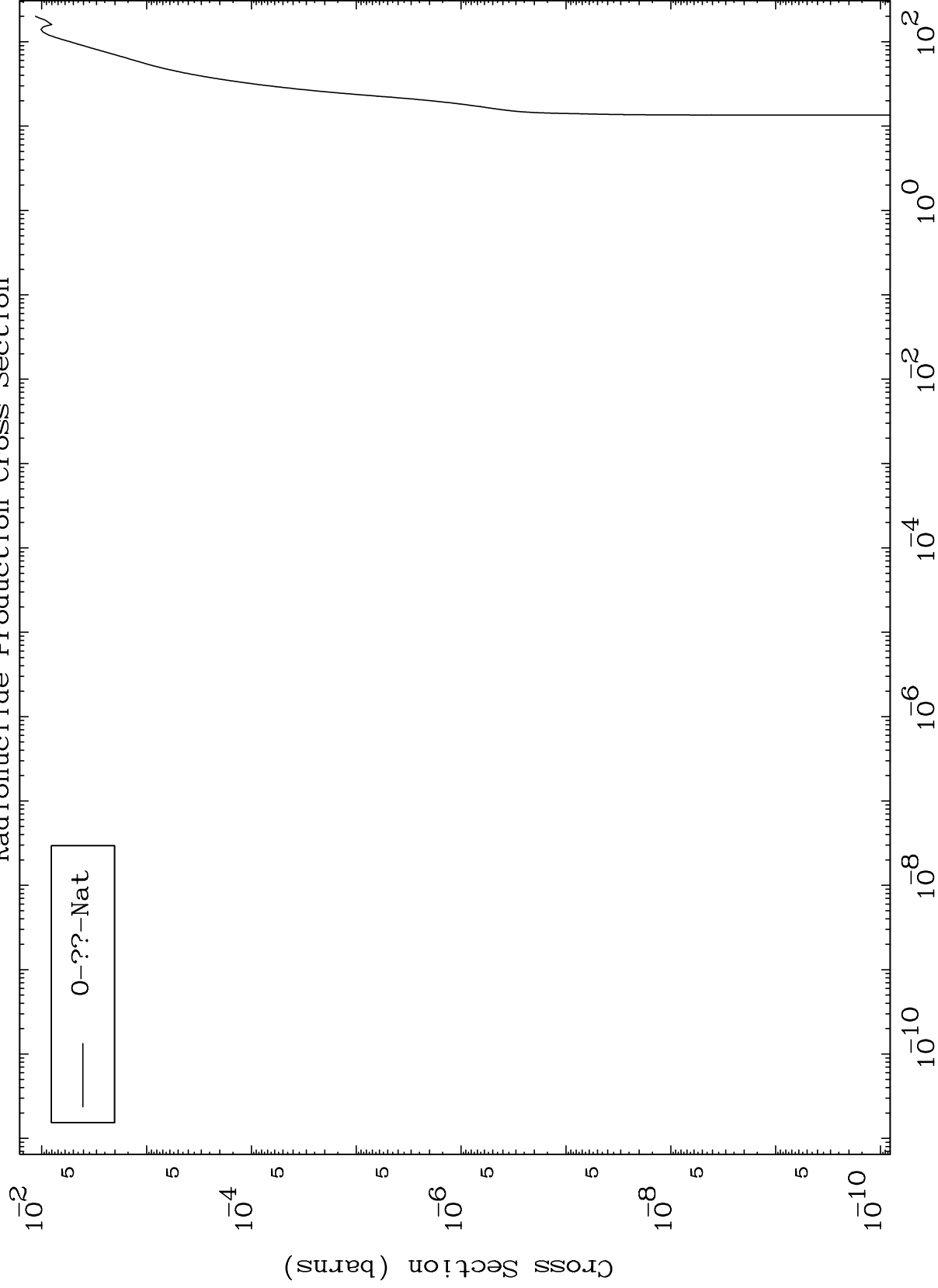


MAT 7931

Fission

⁷⁹Au-199

Radionuclide Production Cross Section

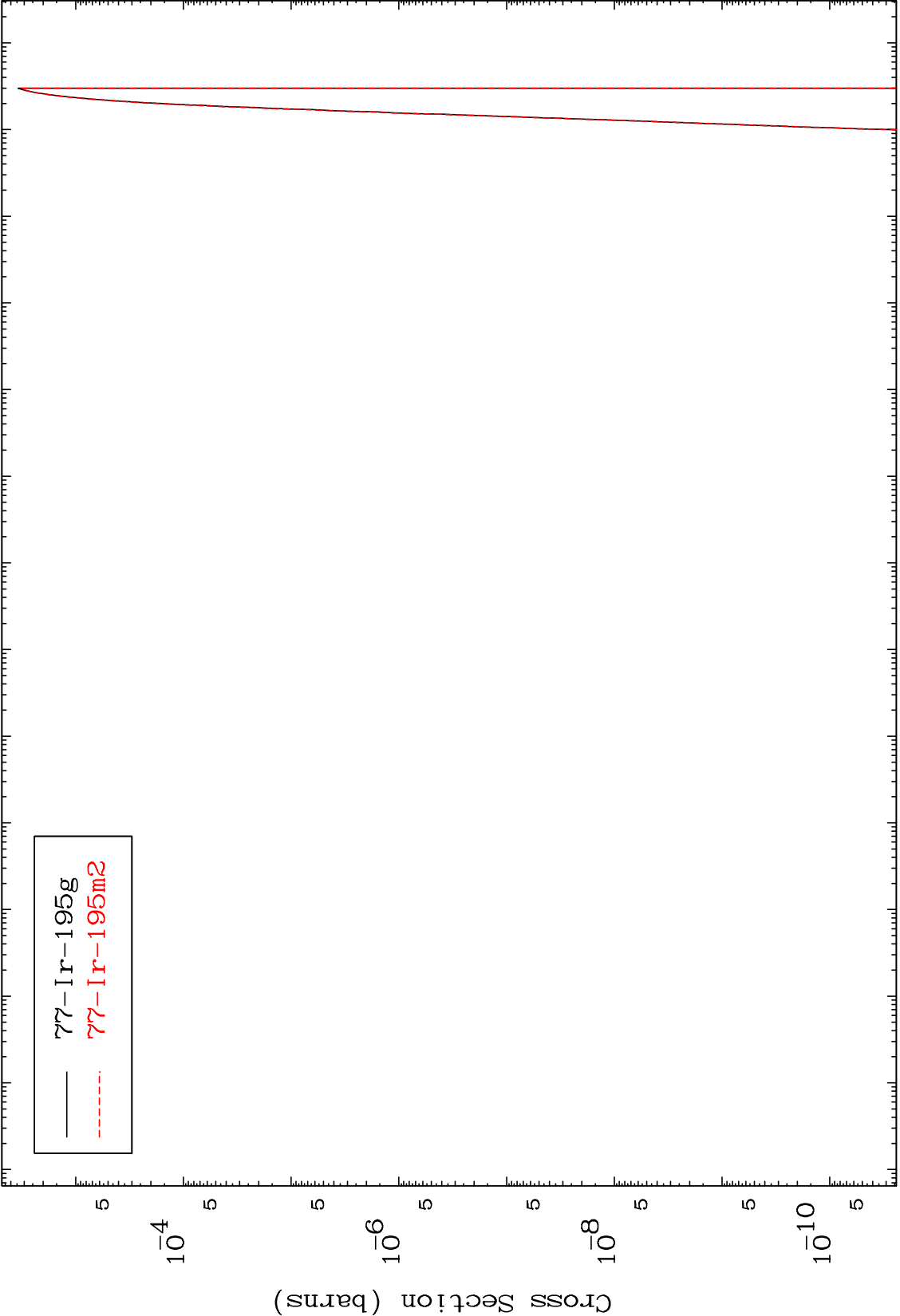


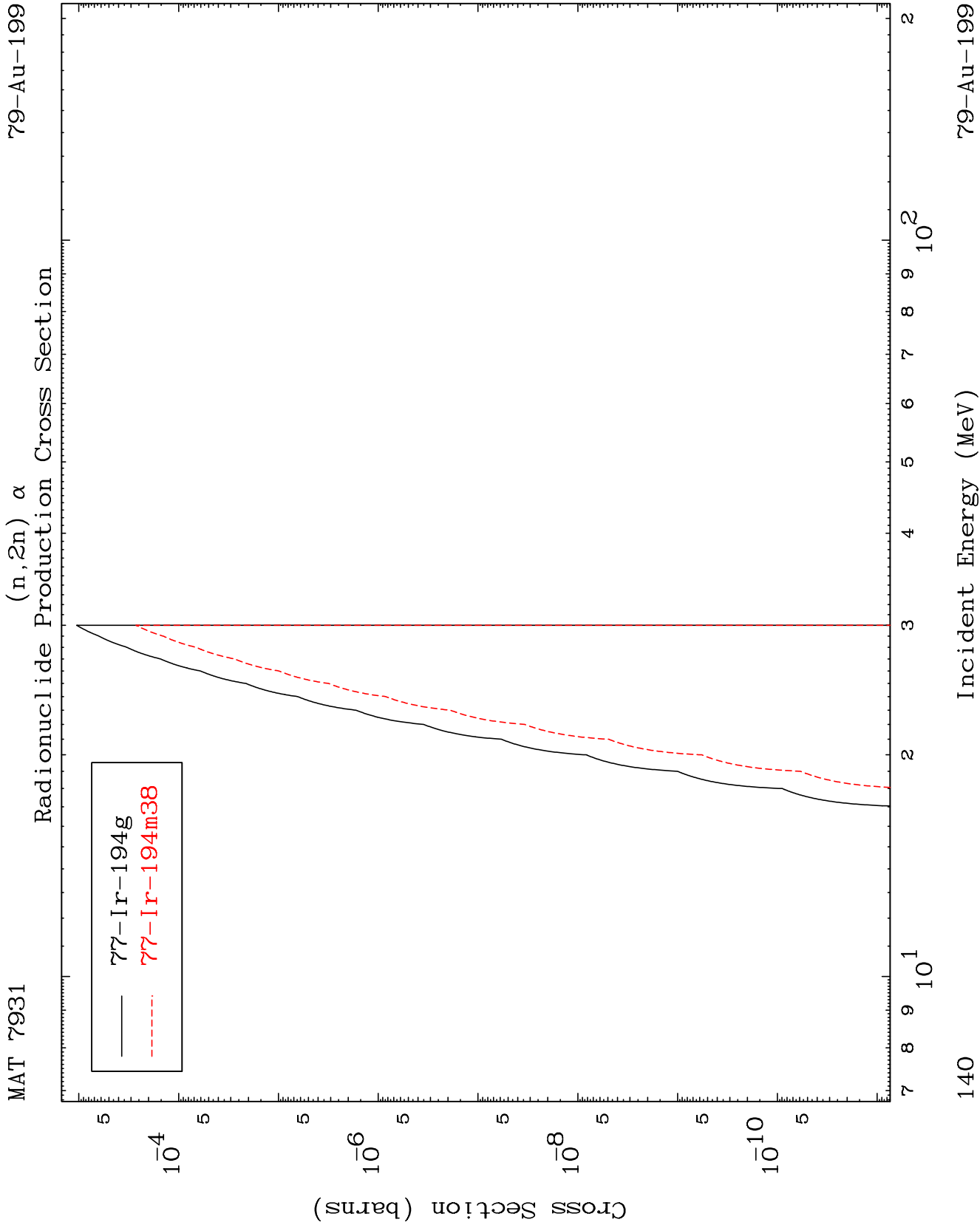
138

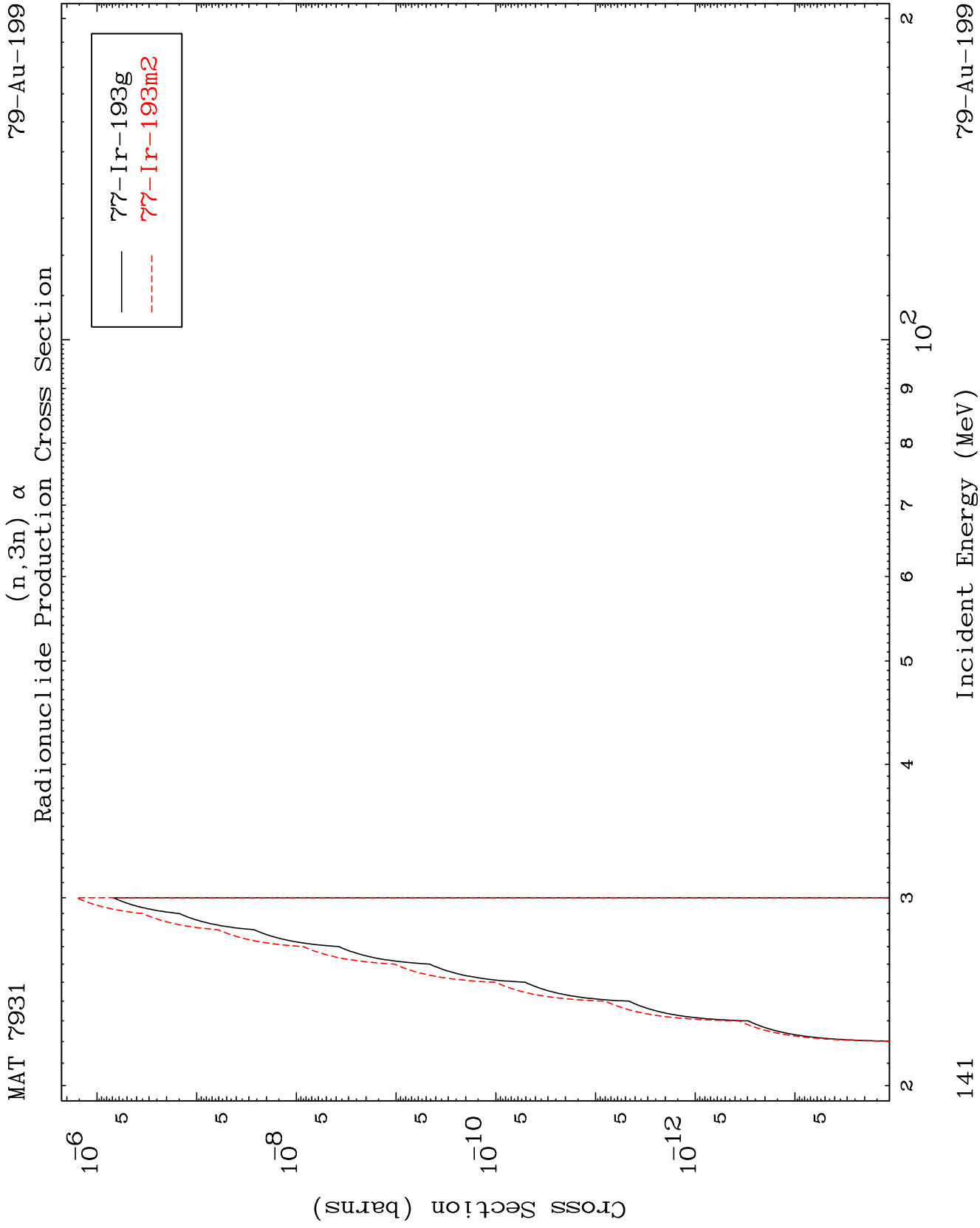
Incident Energy (MeV)

⁷⁹Au-199

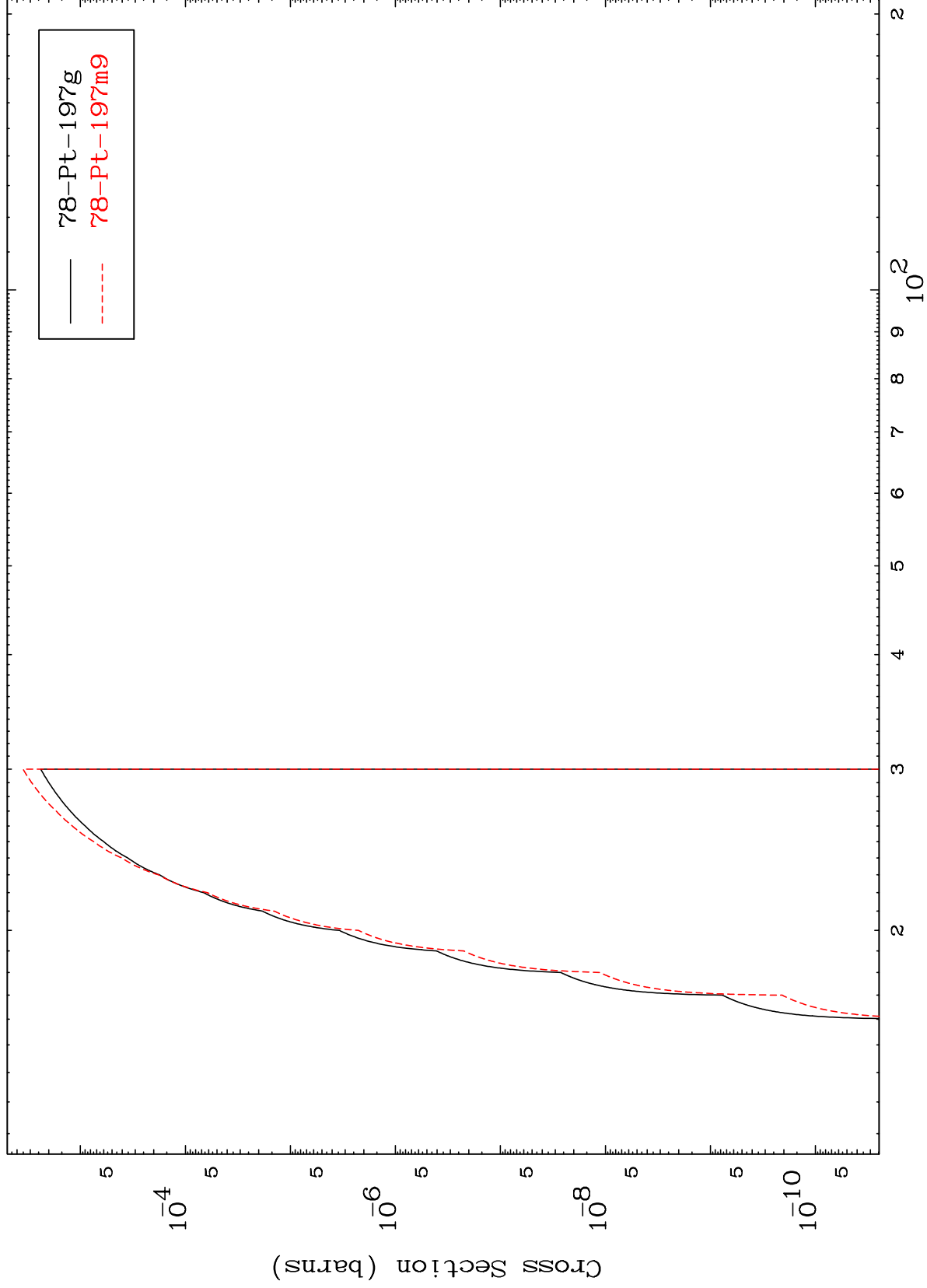
Radionuclide Production Cross Section







(n,n') d
Radionuclide Production Cross Section

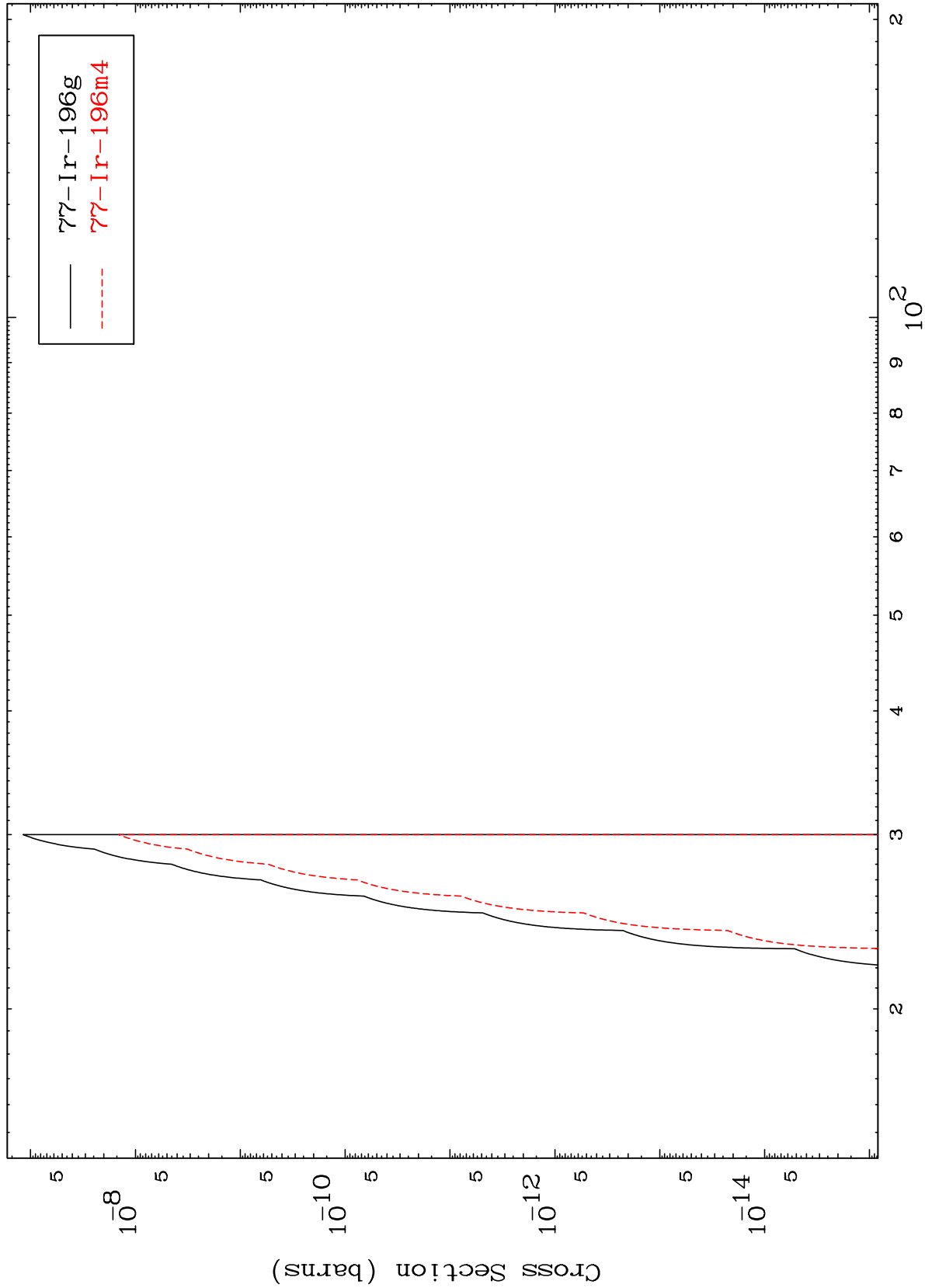


MAT 7931

(n,n') He-3

79-Au-199

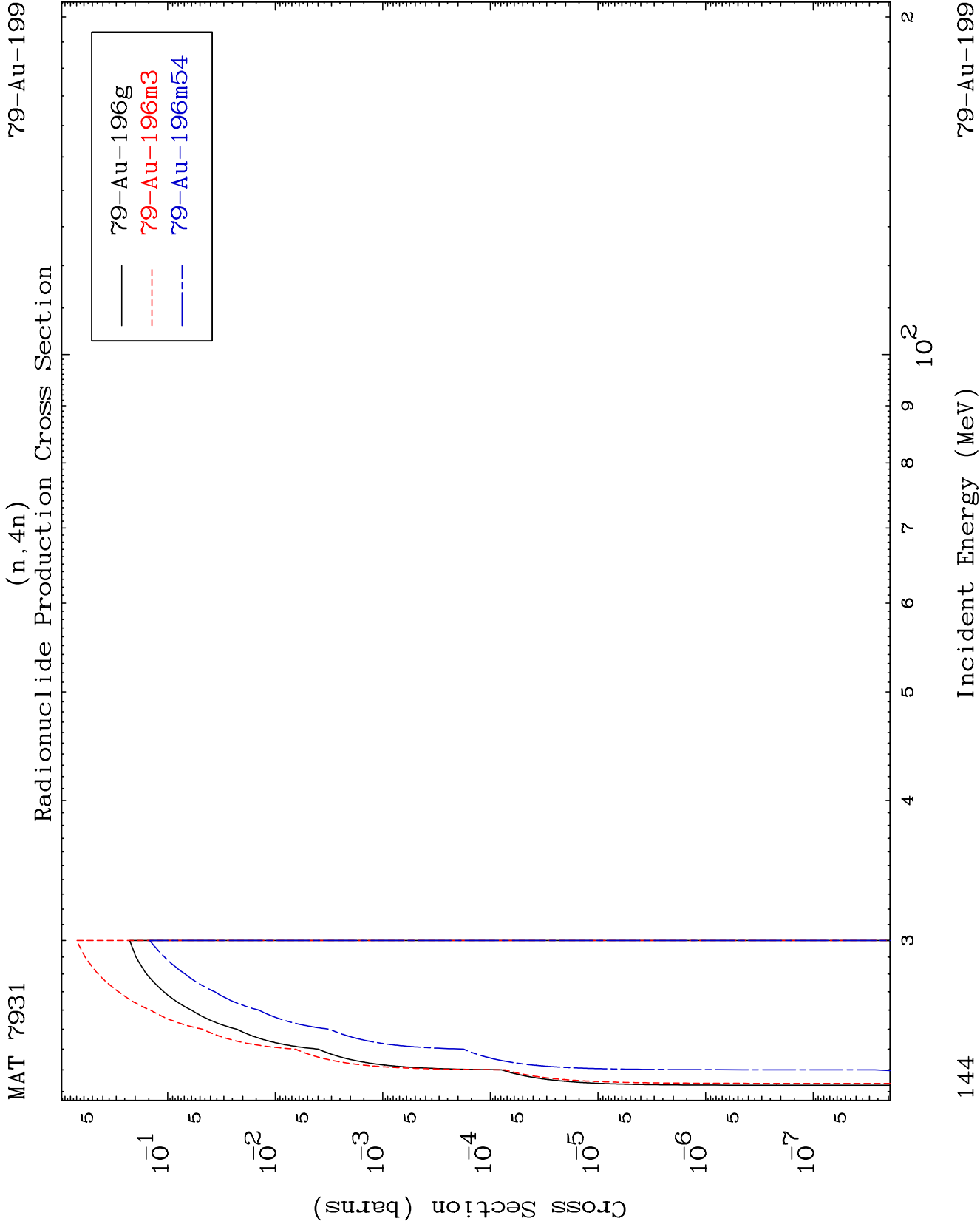
Radionuclide Production Cross Section

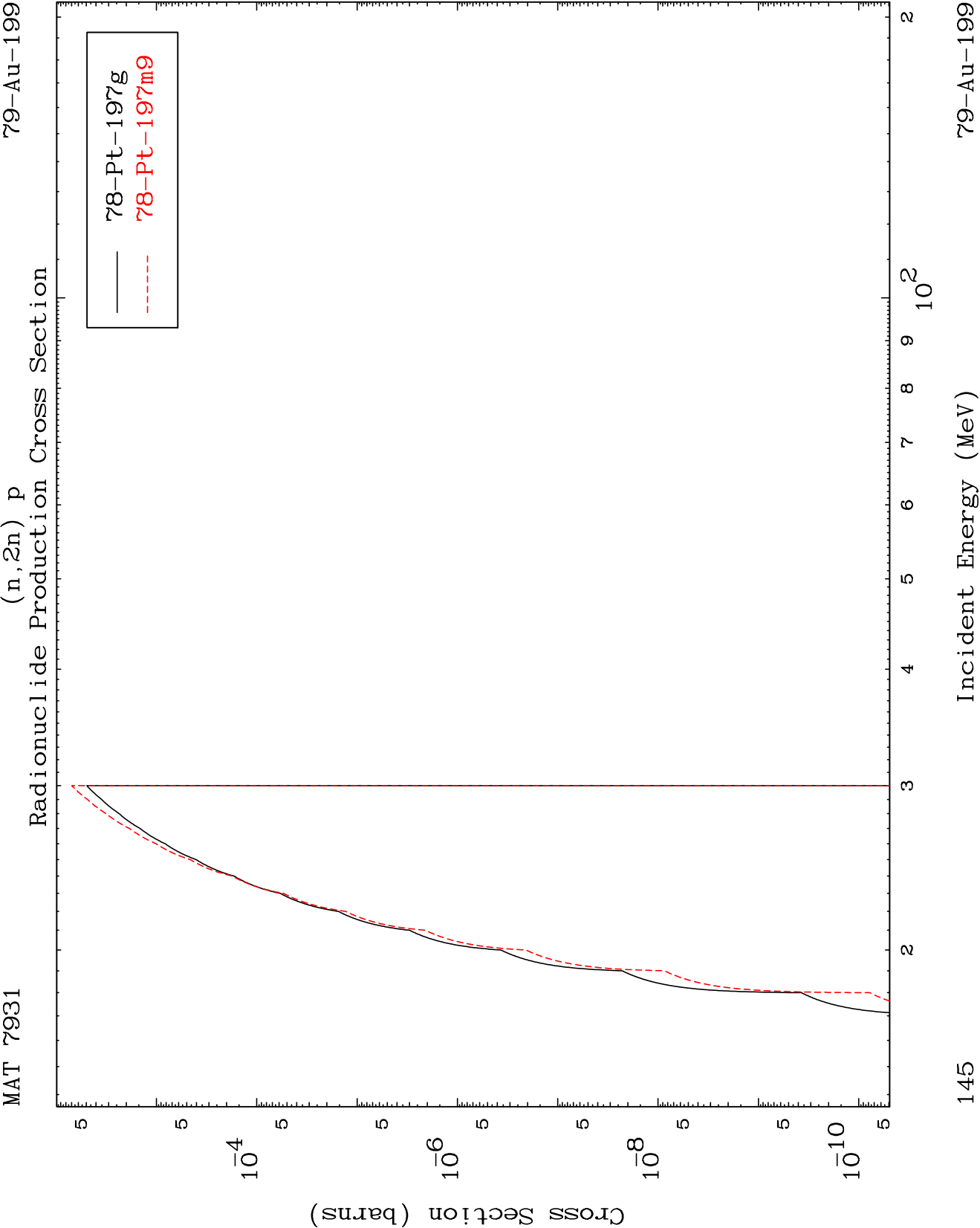


143

Incident Energy (MeV)

79-Au-199

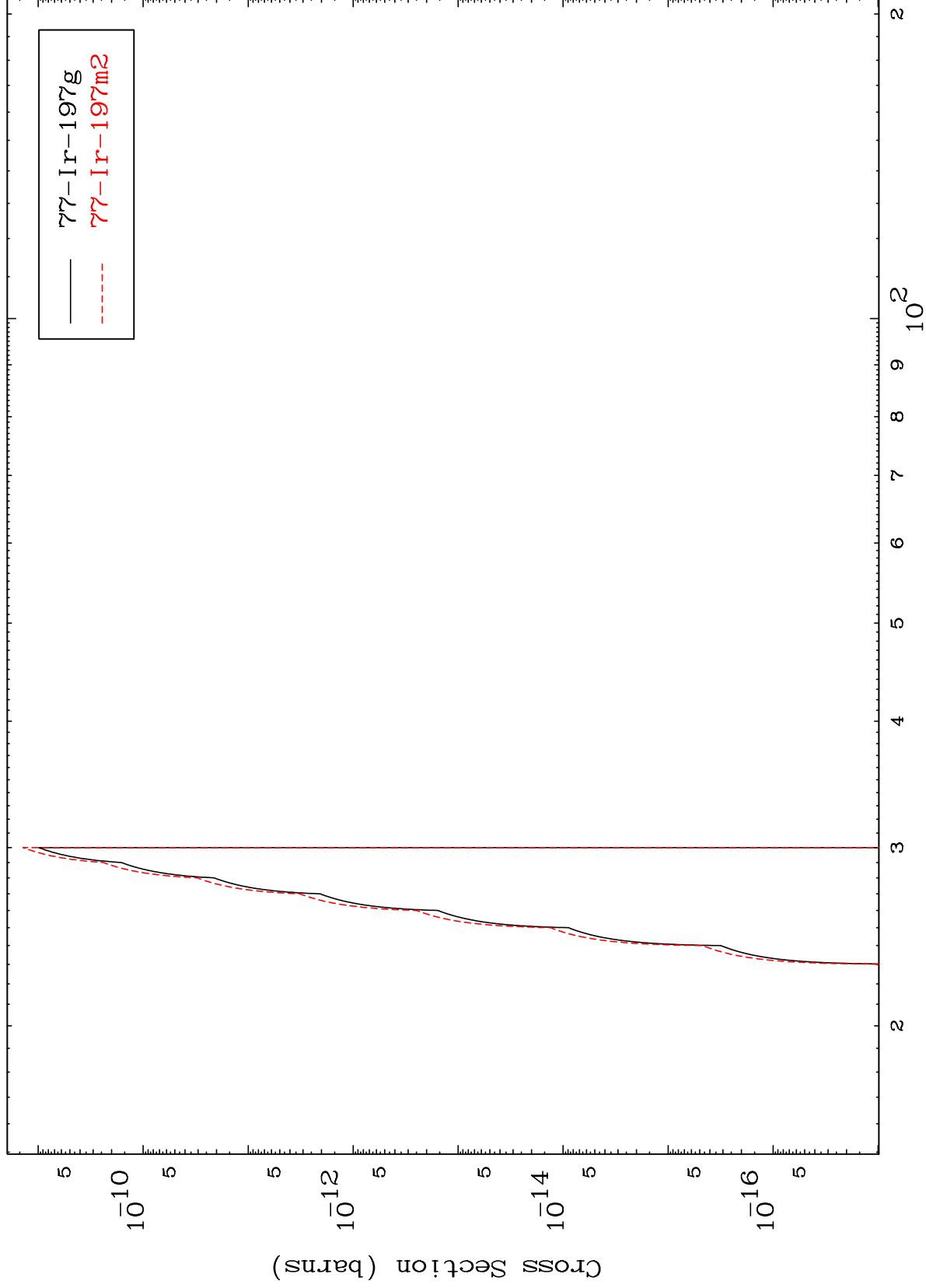




MAT 7931

79-Au-199

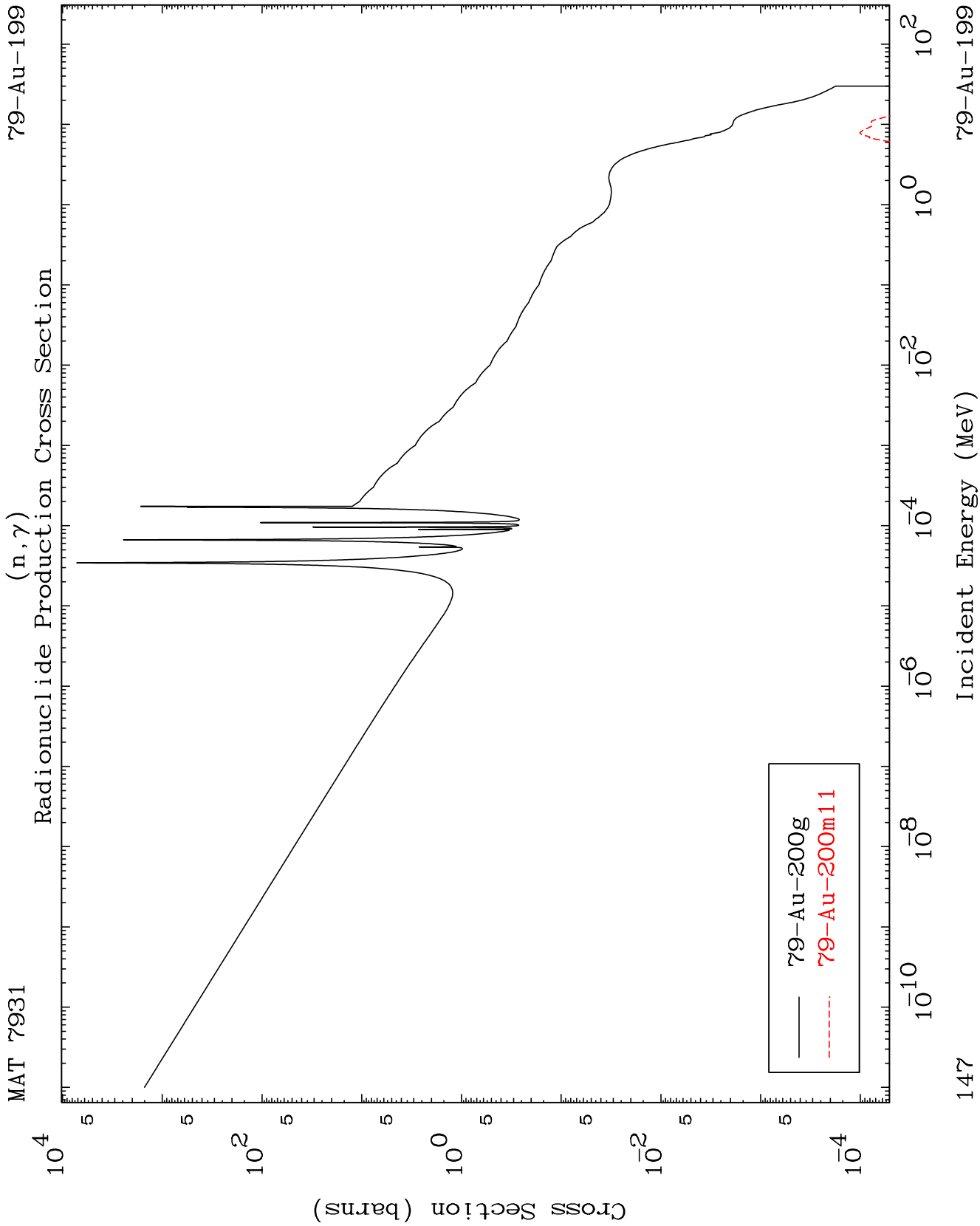
(n,2n) p
Radionuclide Production Cross Section

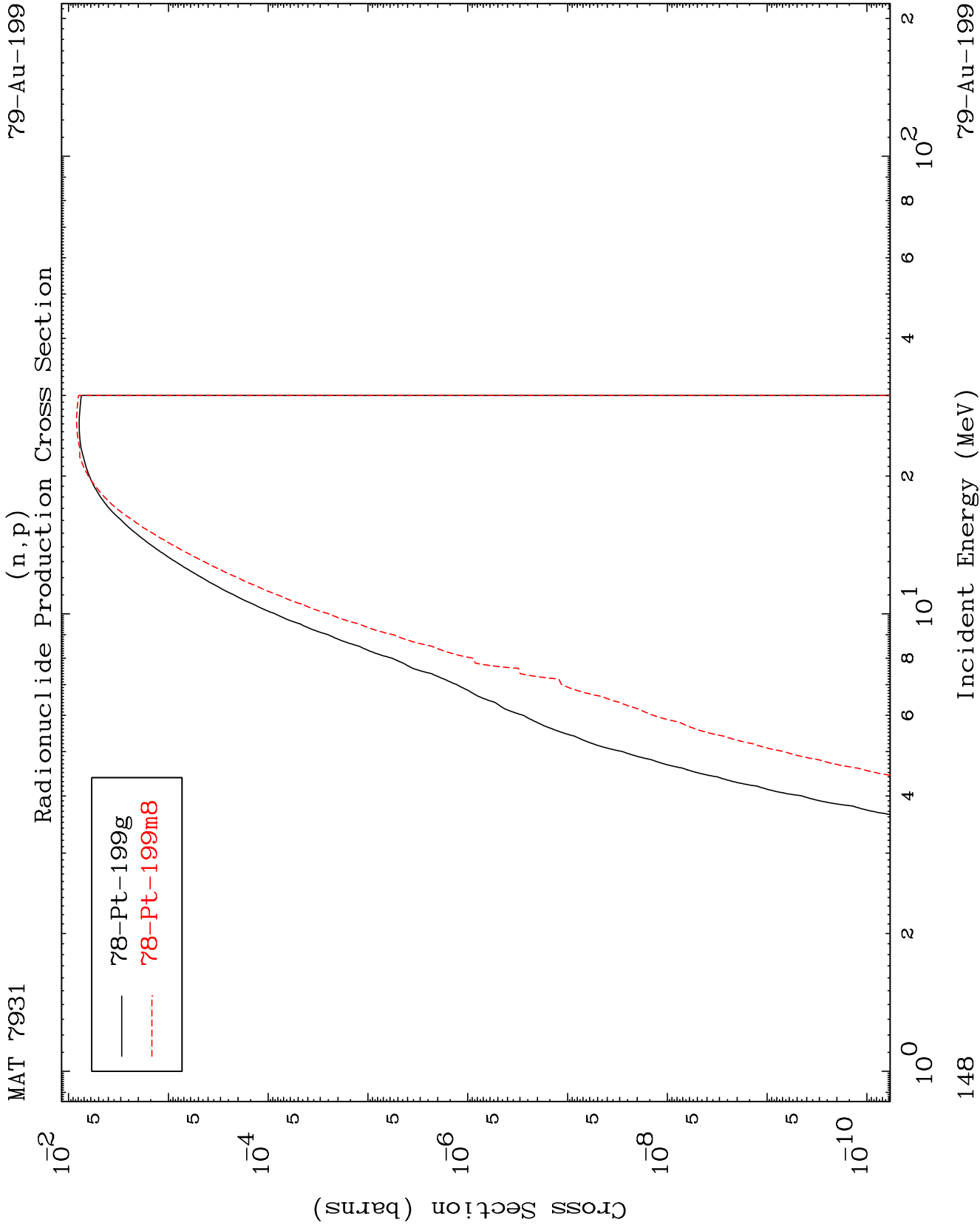


146

Incident Energy (MeV)

79-Au-199

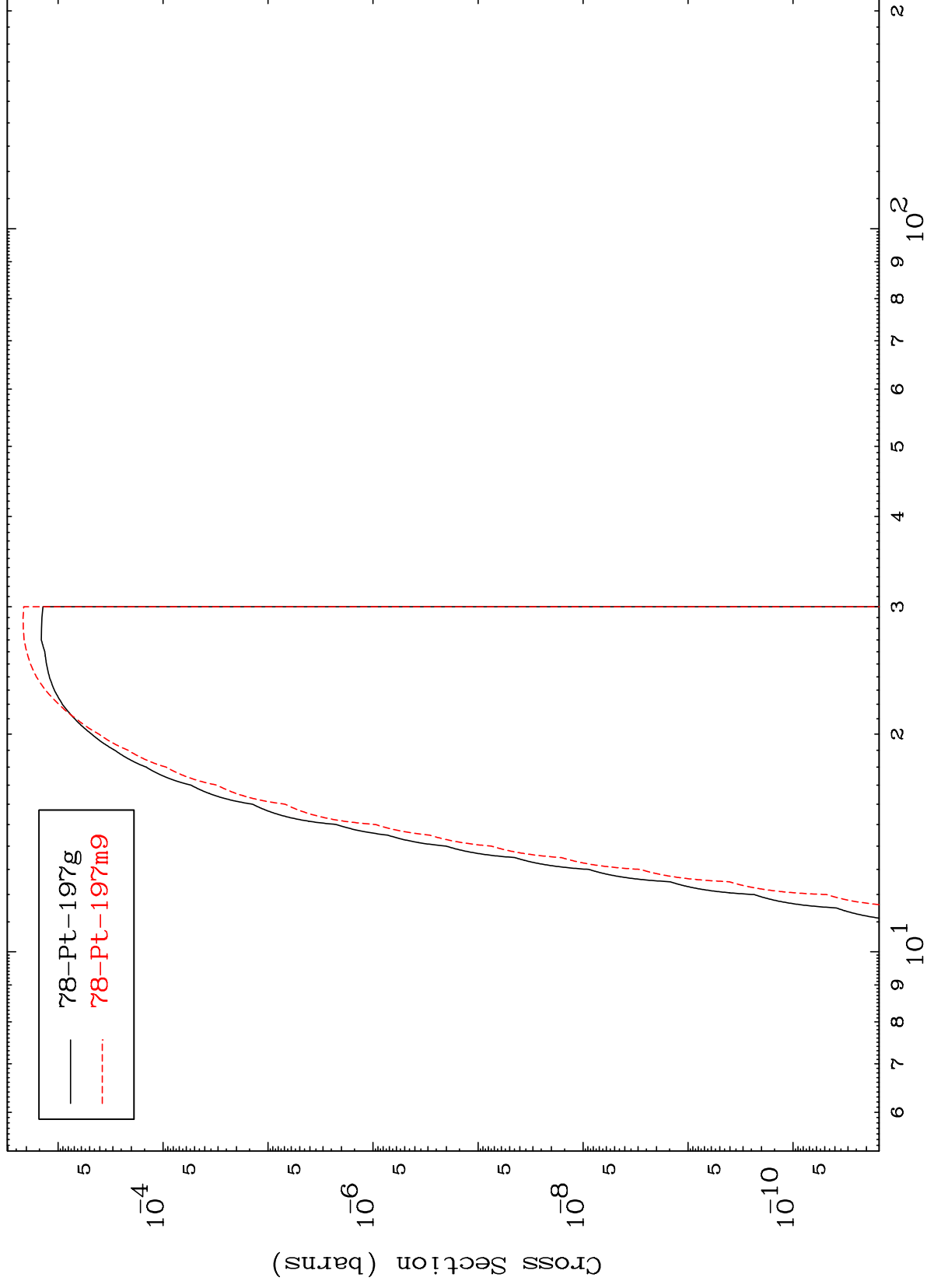




MAT 7931

79-Au-199

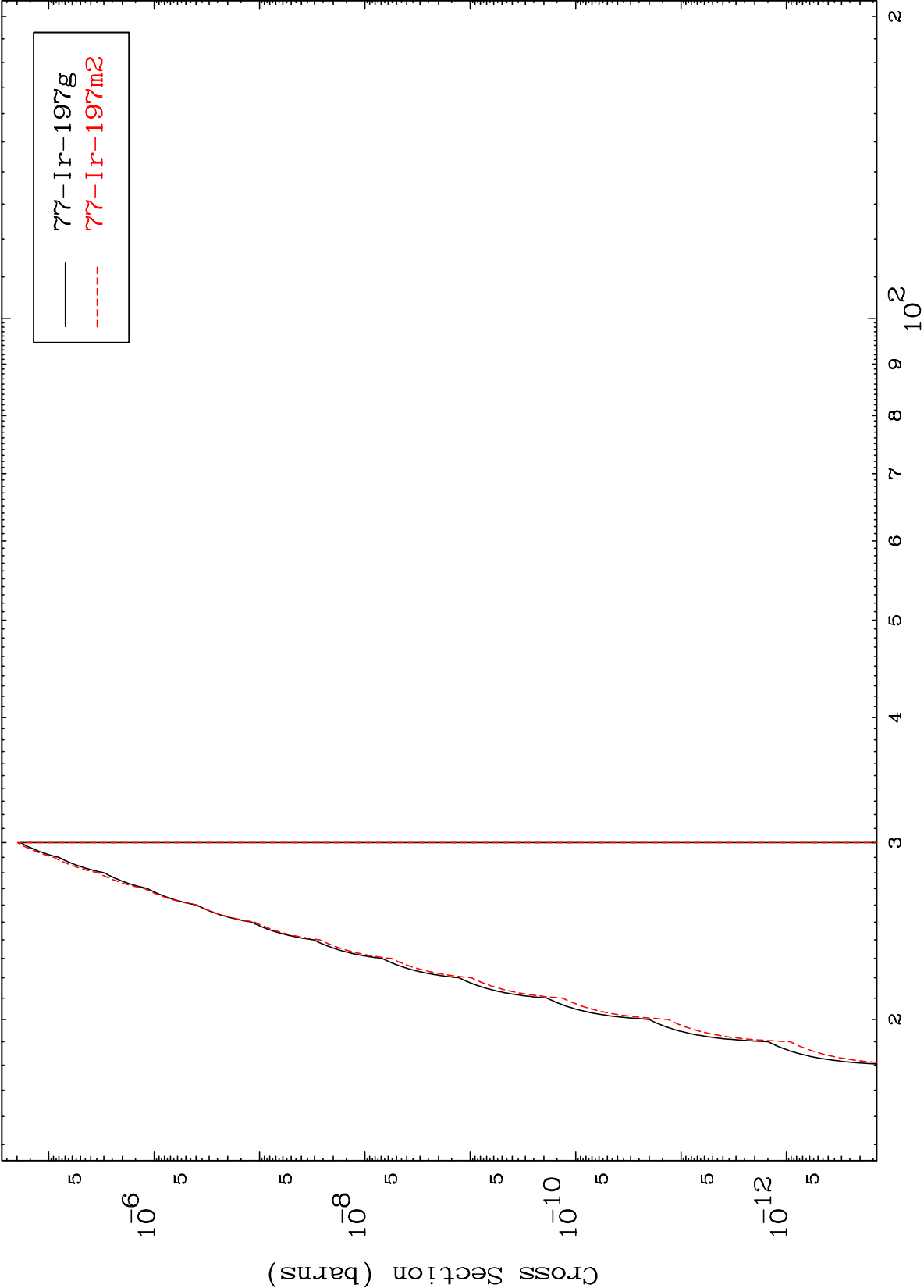
Radionuclide Production Cross Section



149

79-Au-199

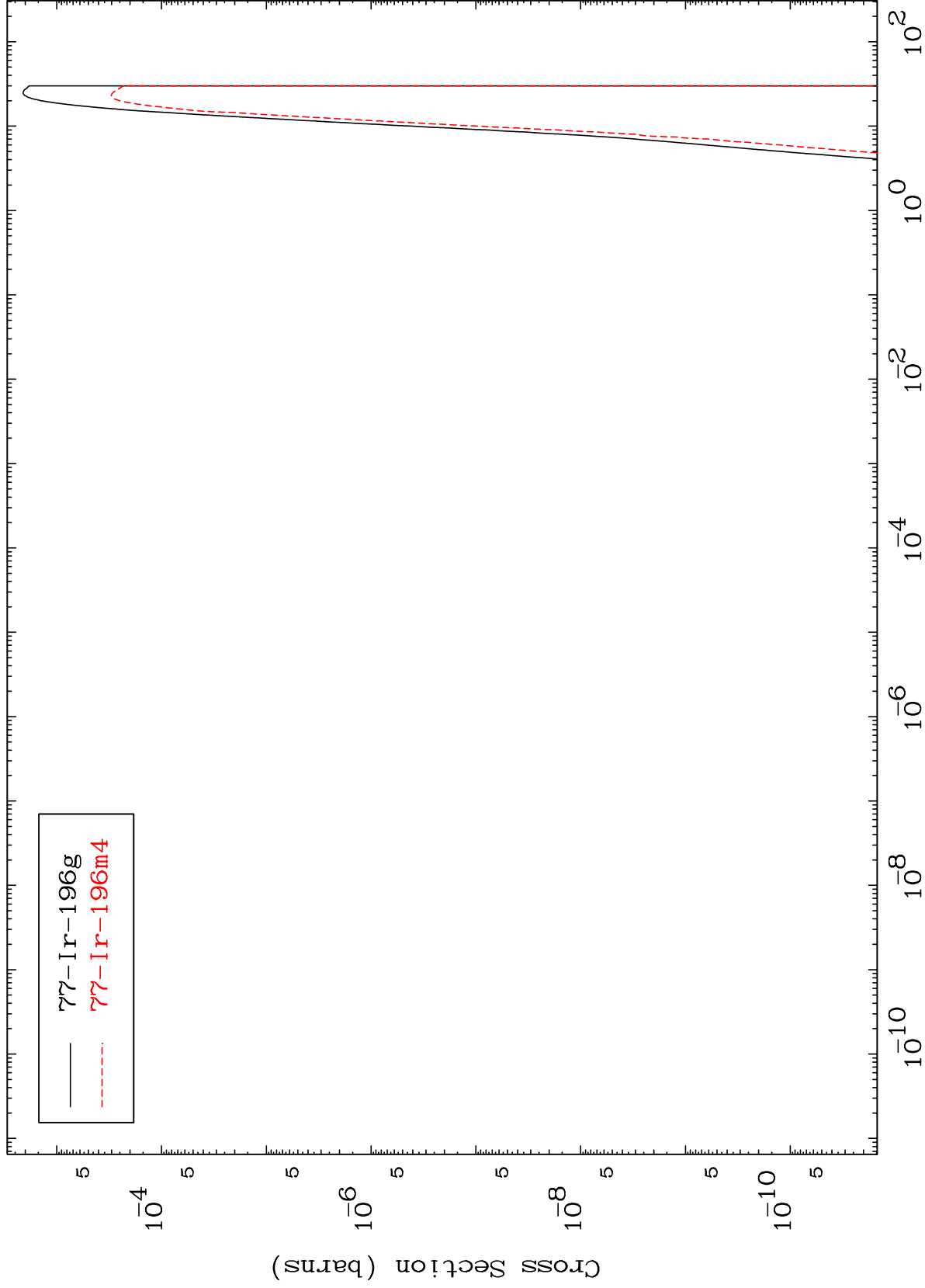
Radionuclide Production Cross Section



MAT 7931

79-Au-199

Radionuclide Production Cross Section



79-Au-199

Incident Energy (MeV)

151