

Program EVALPLOT
(Version 2021-1)

by

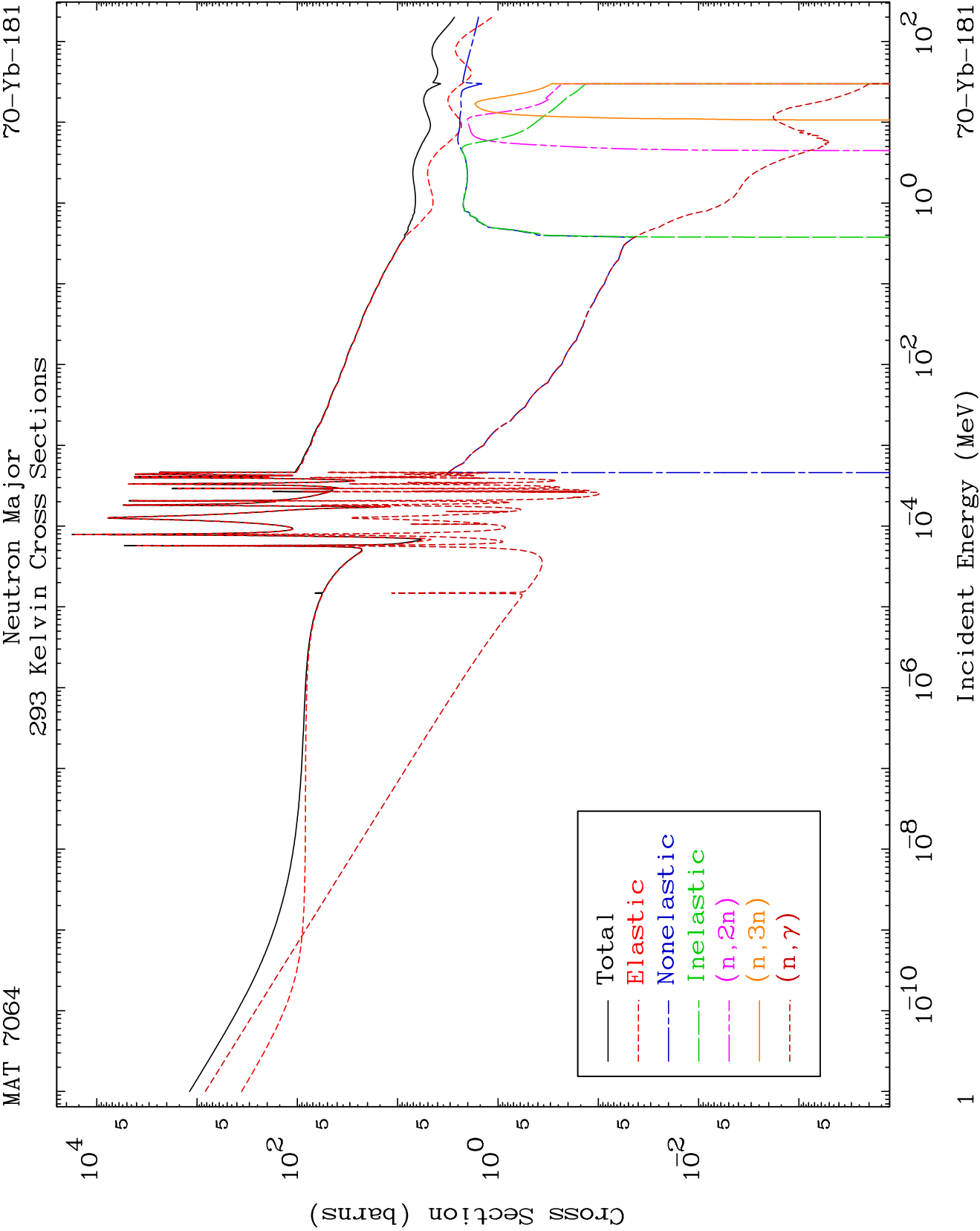
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

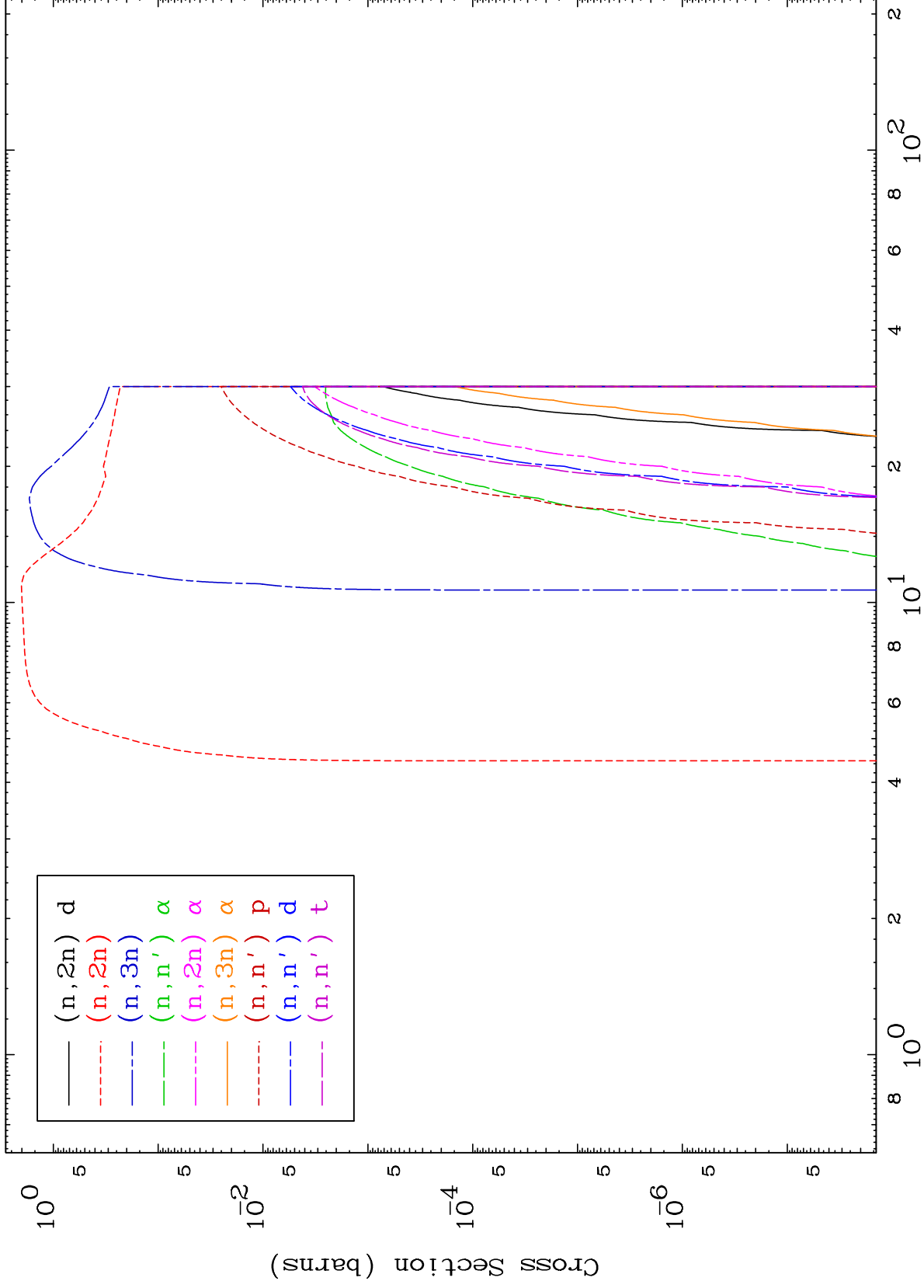


MAT 7064

Neutron Absorption

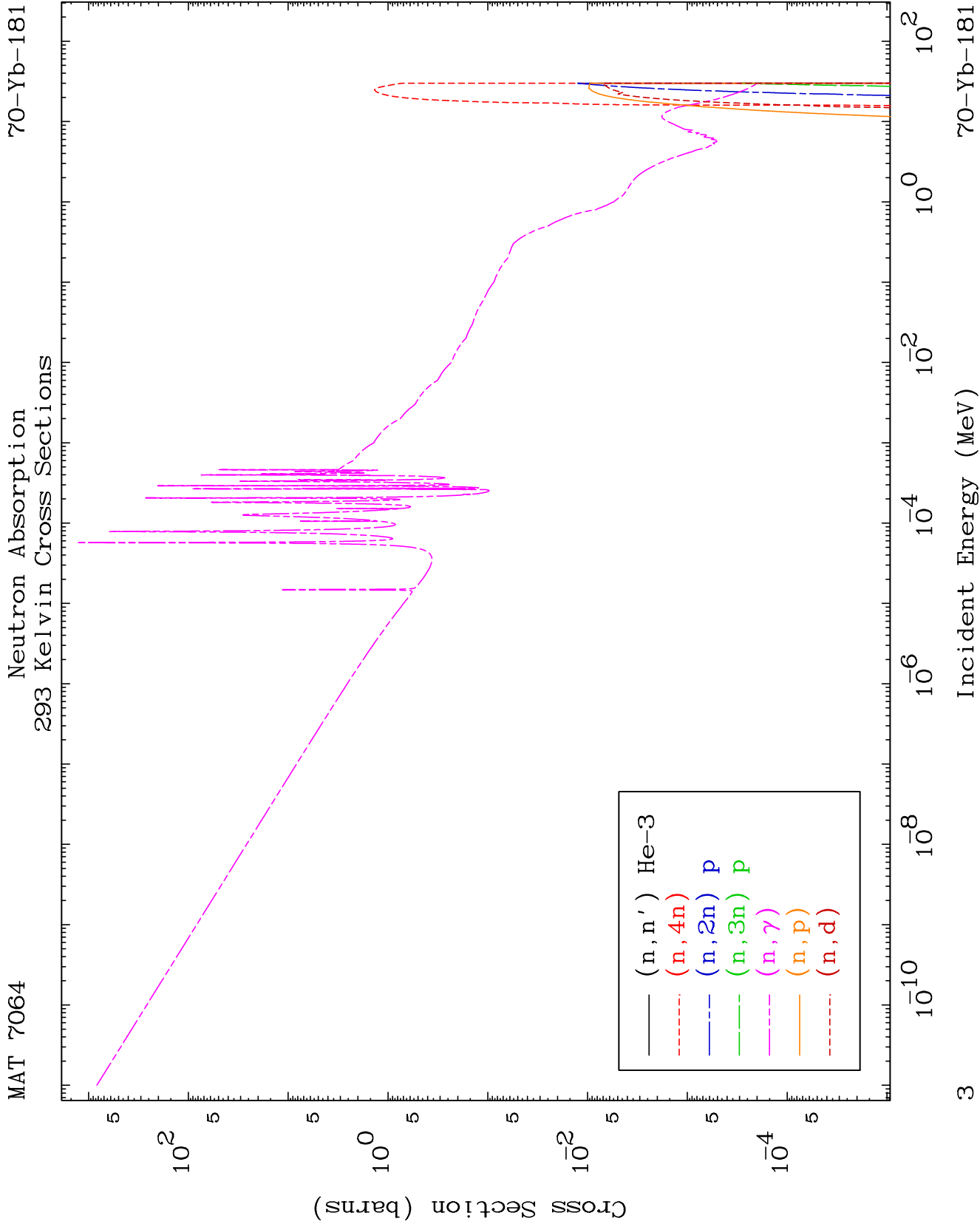
70-Yb-181

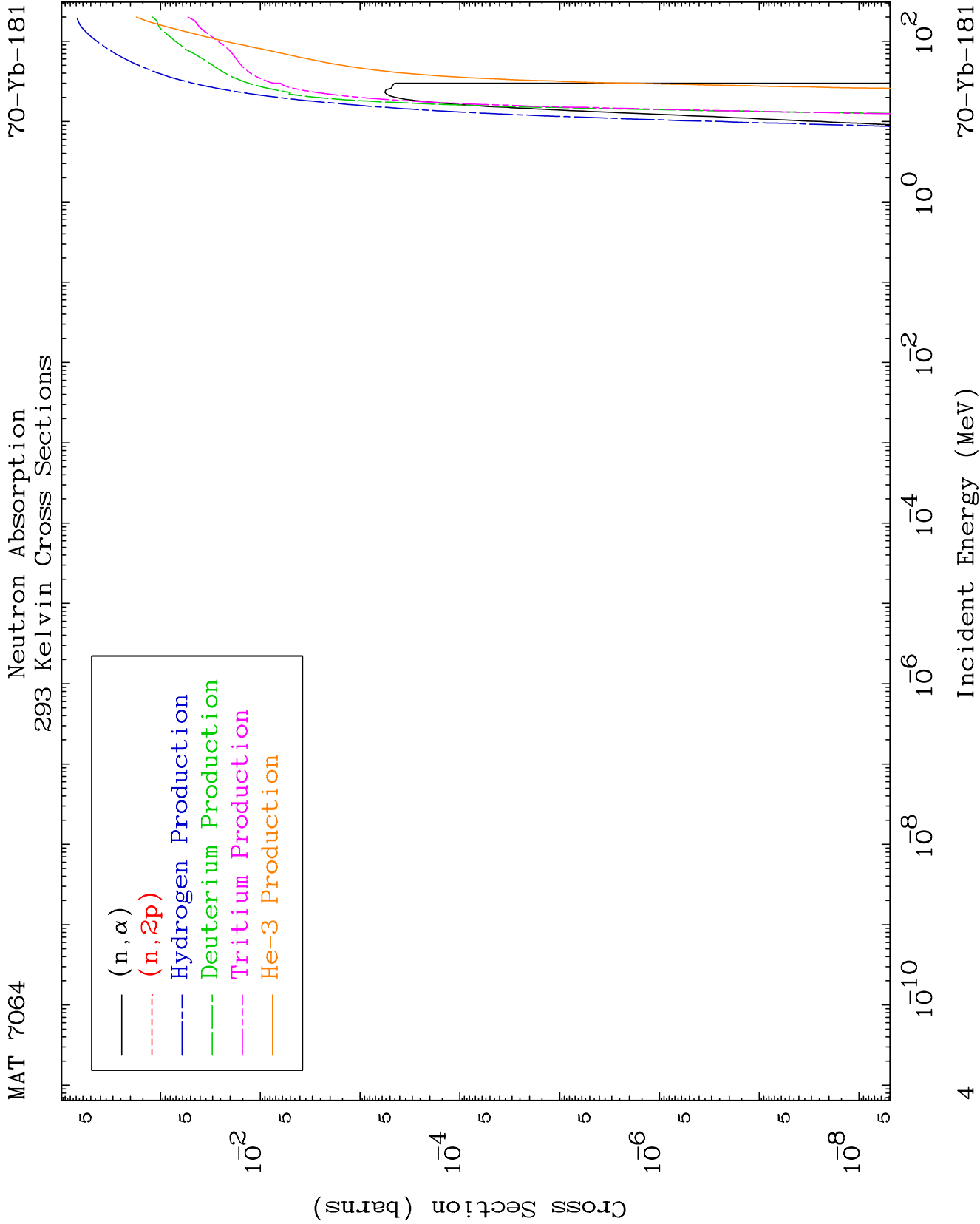
293 Kelvin Cross Sections

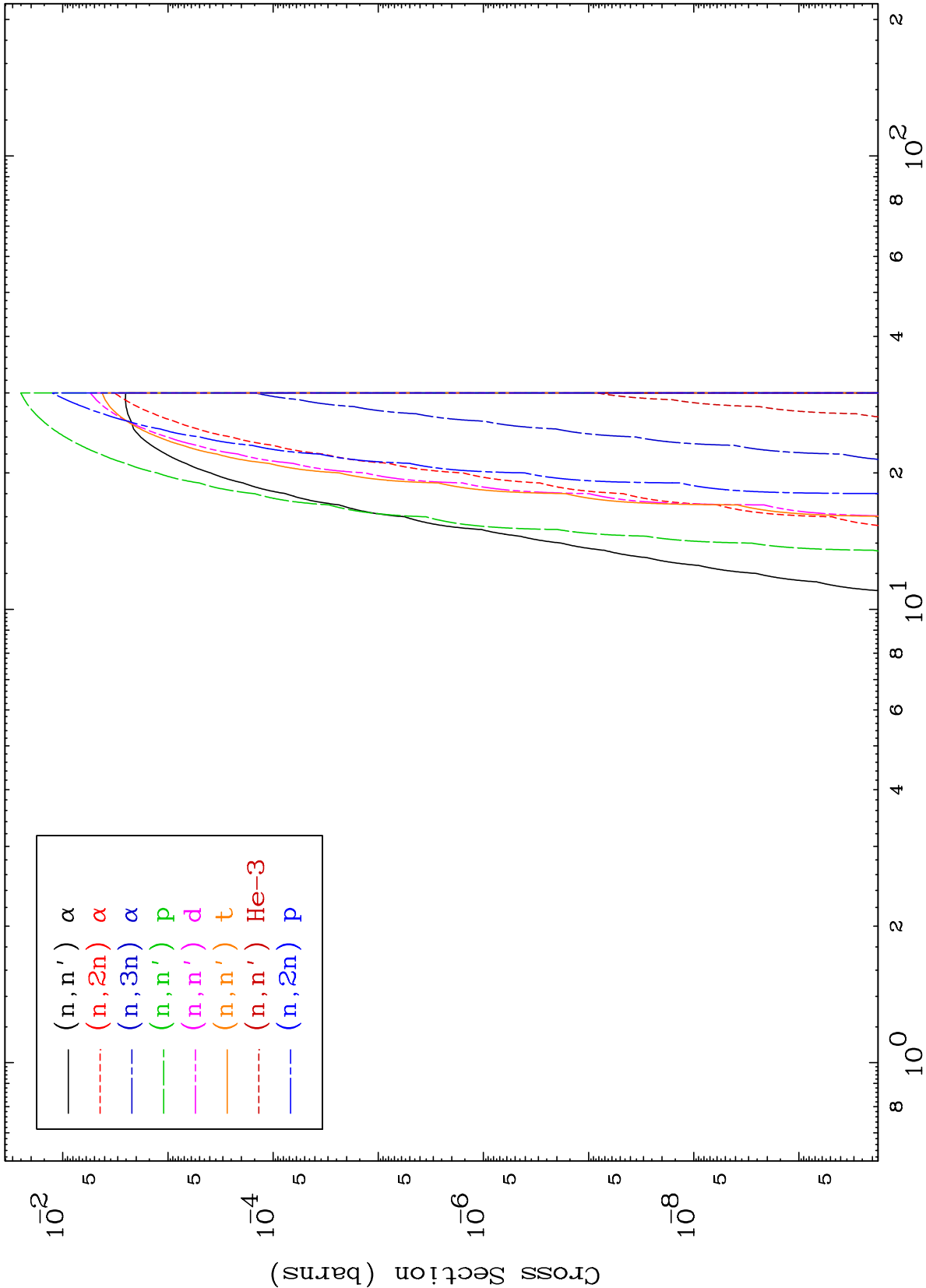


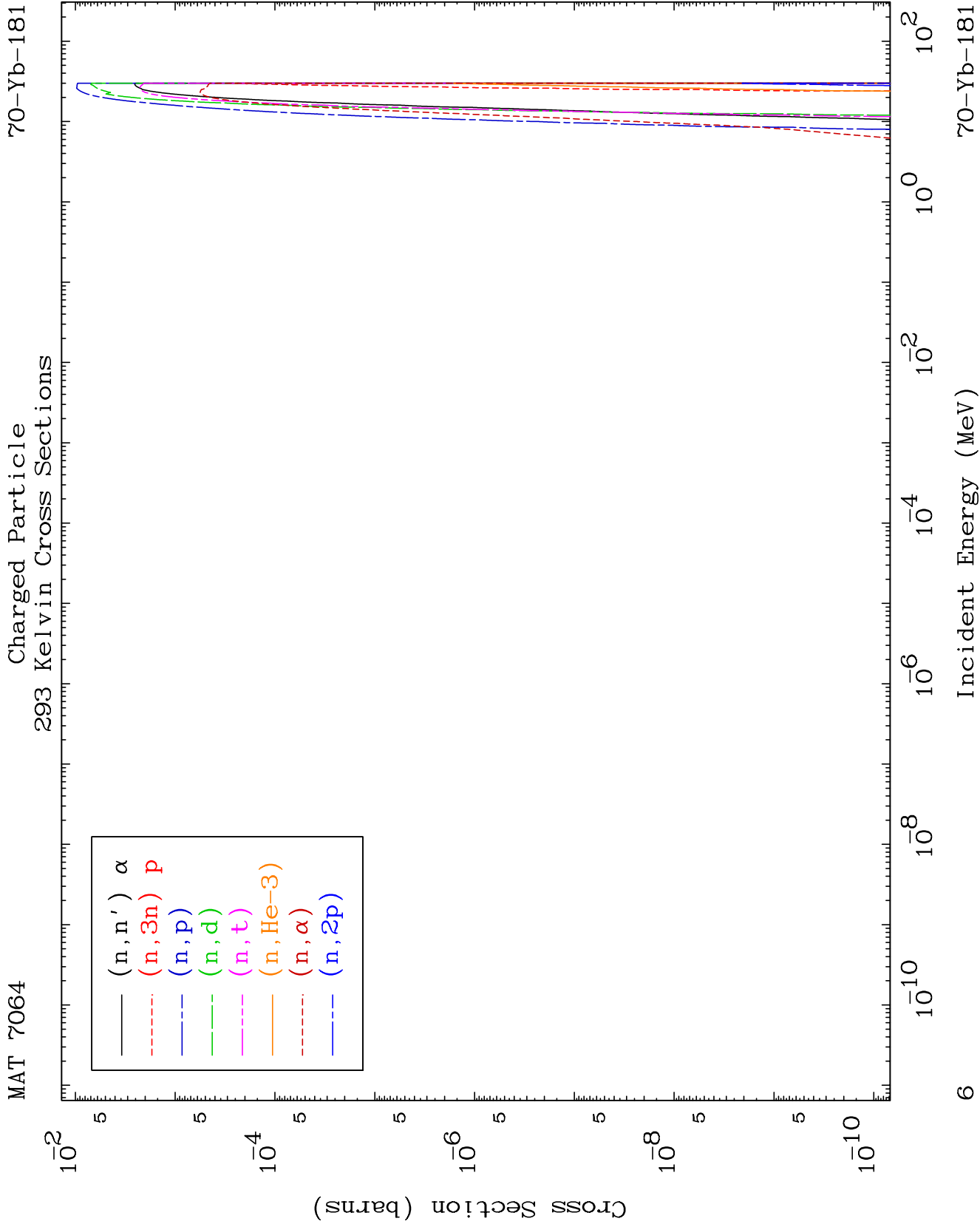
Incident Energy (MeV)

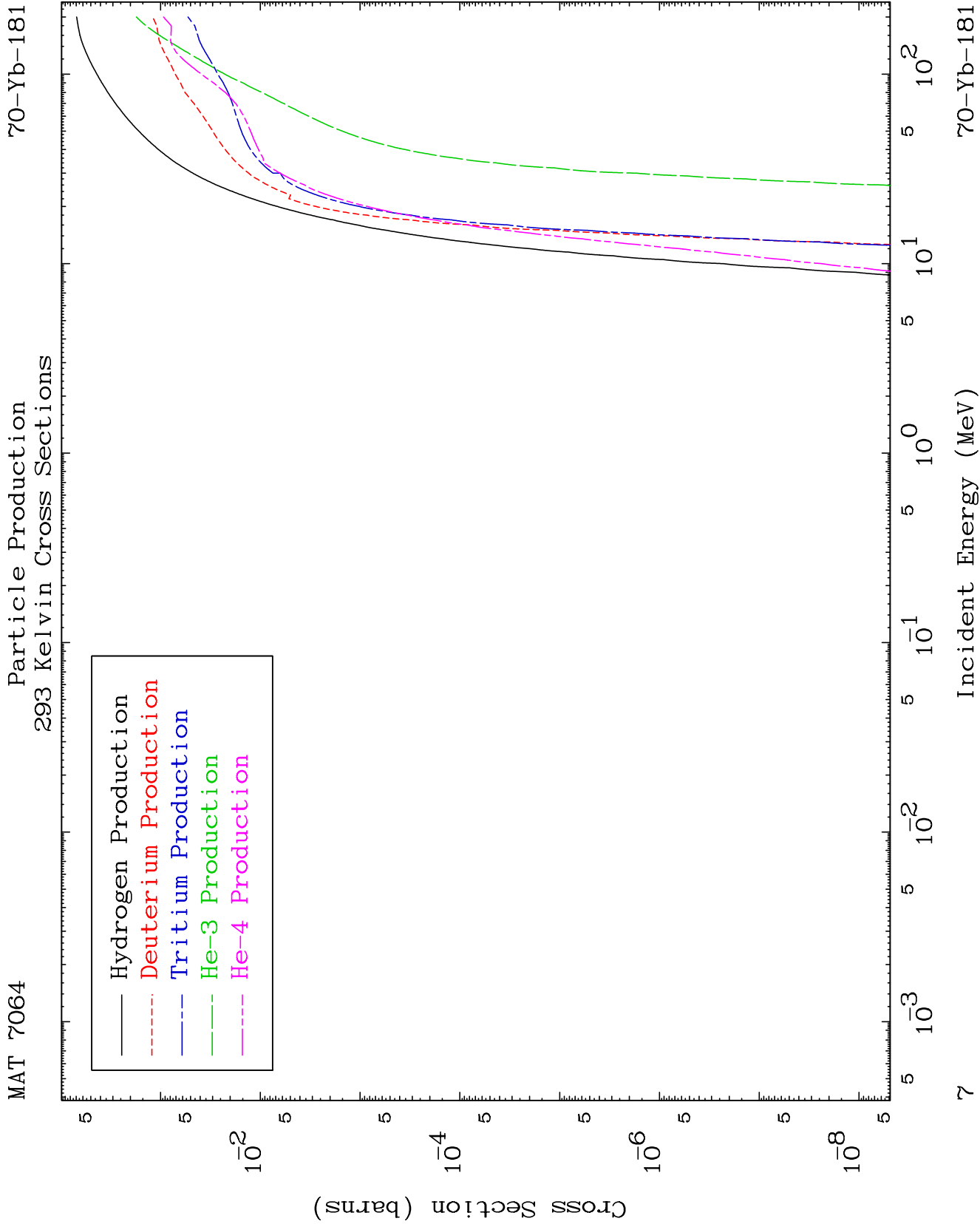
70-Yb-181

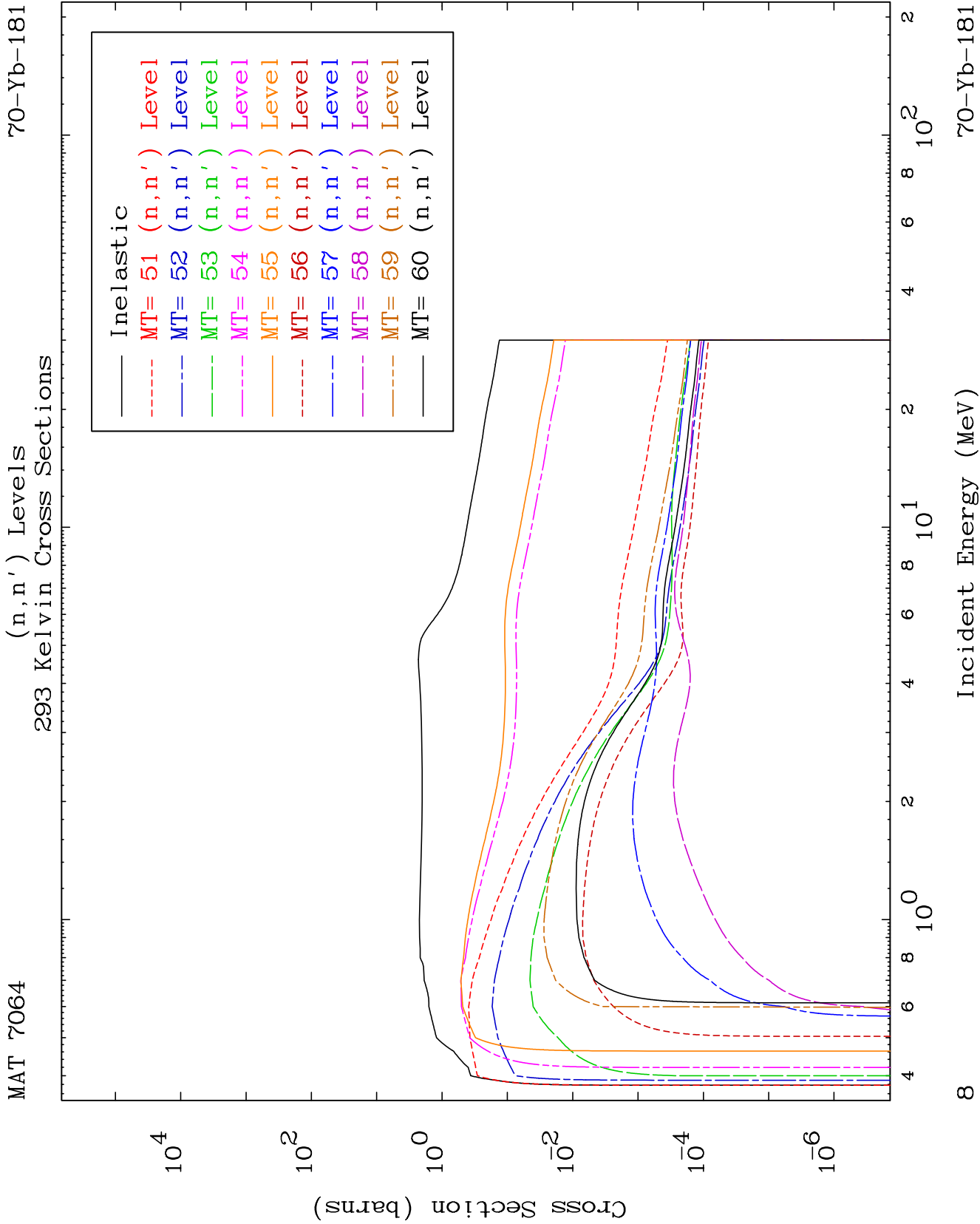


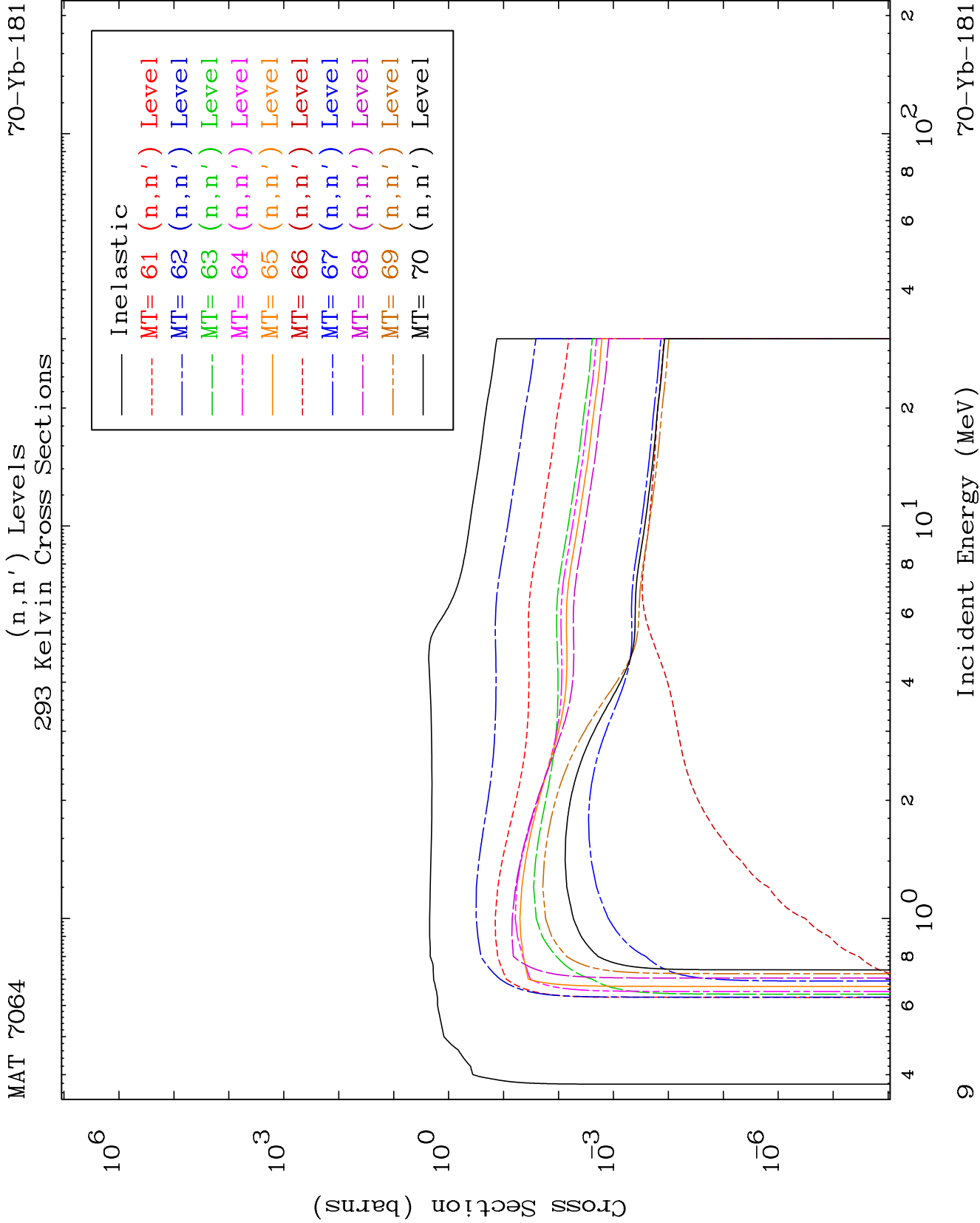


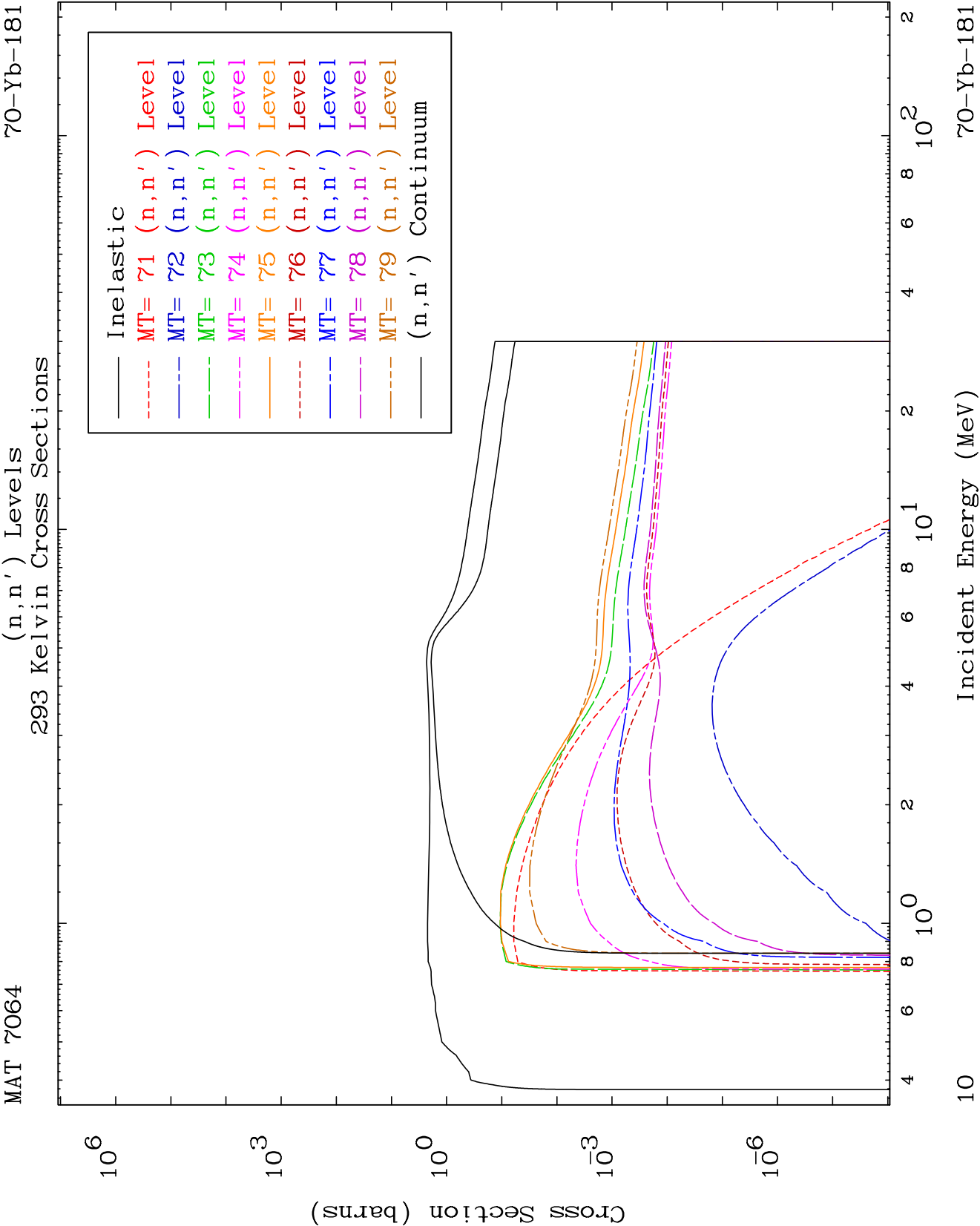


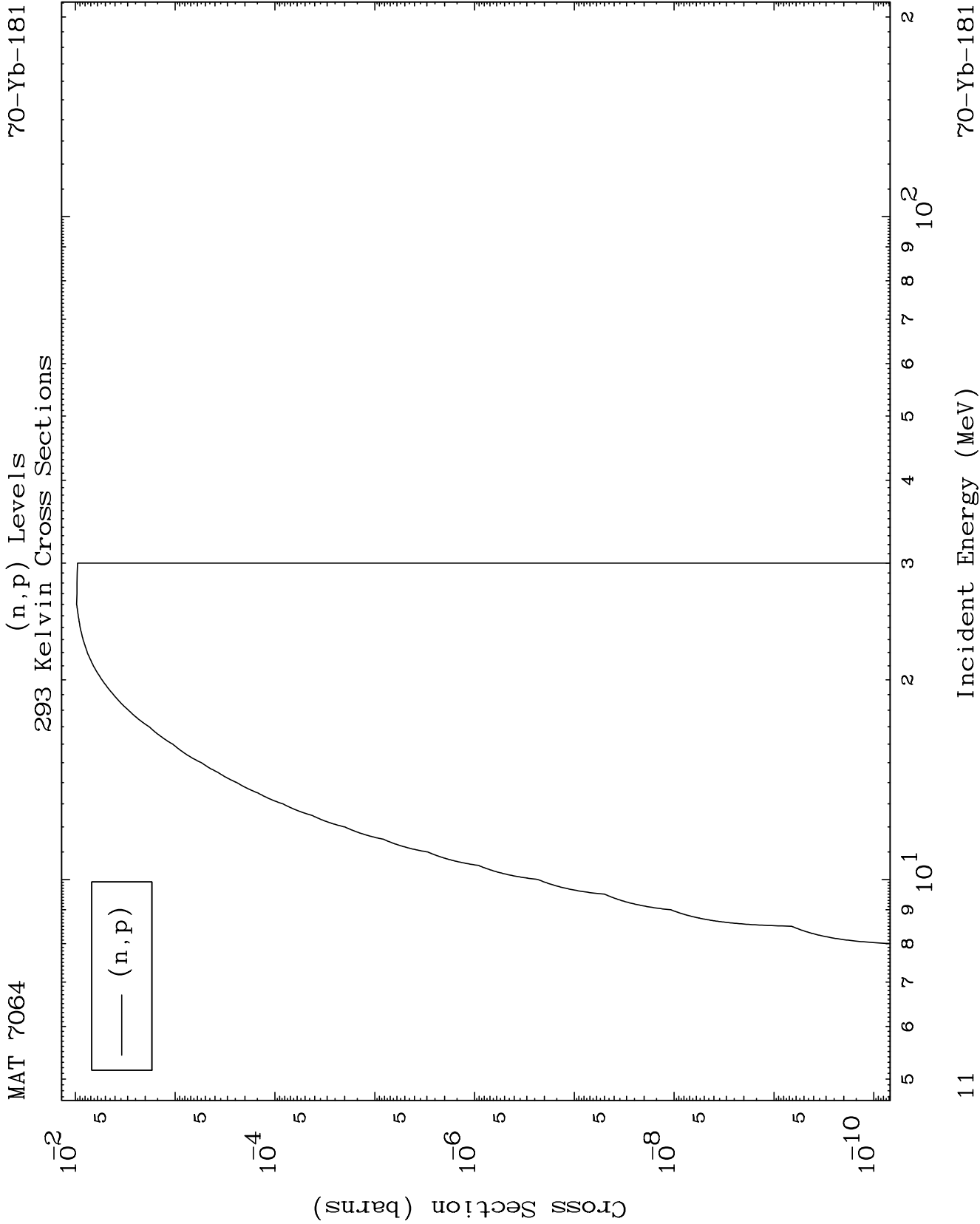


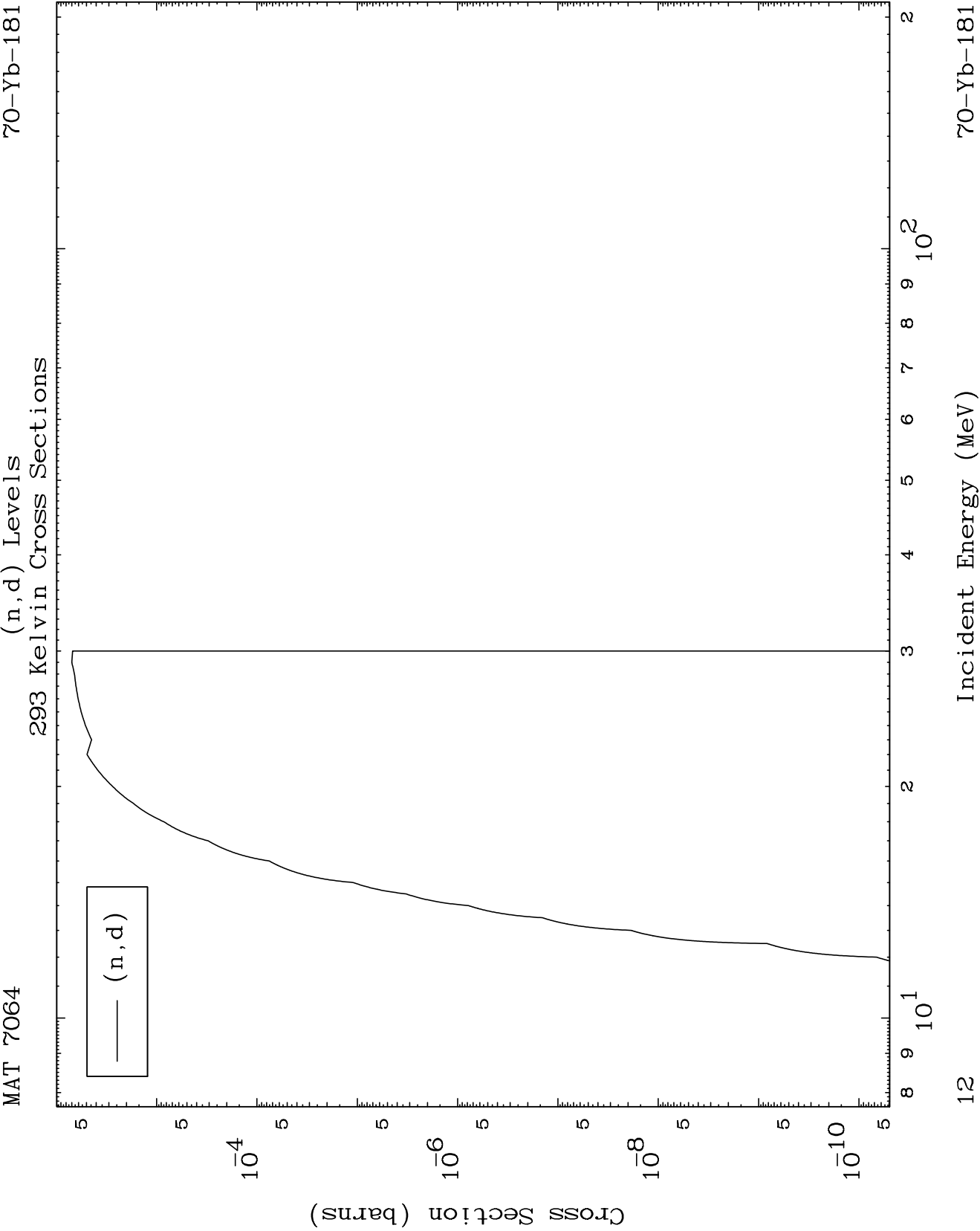








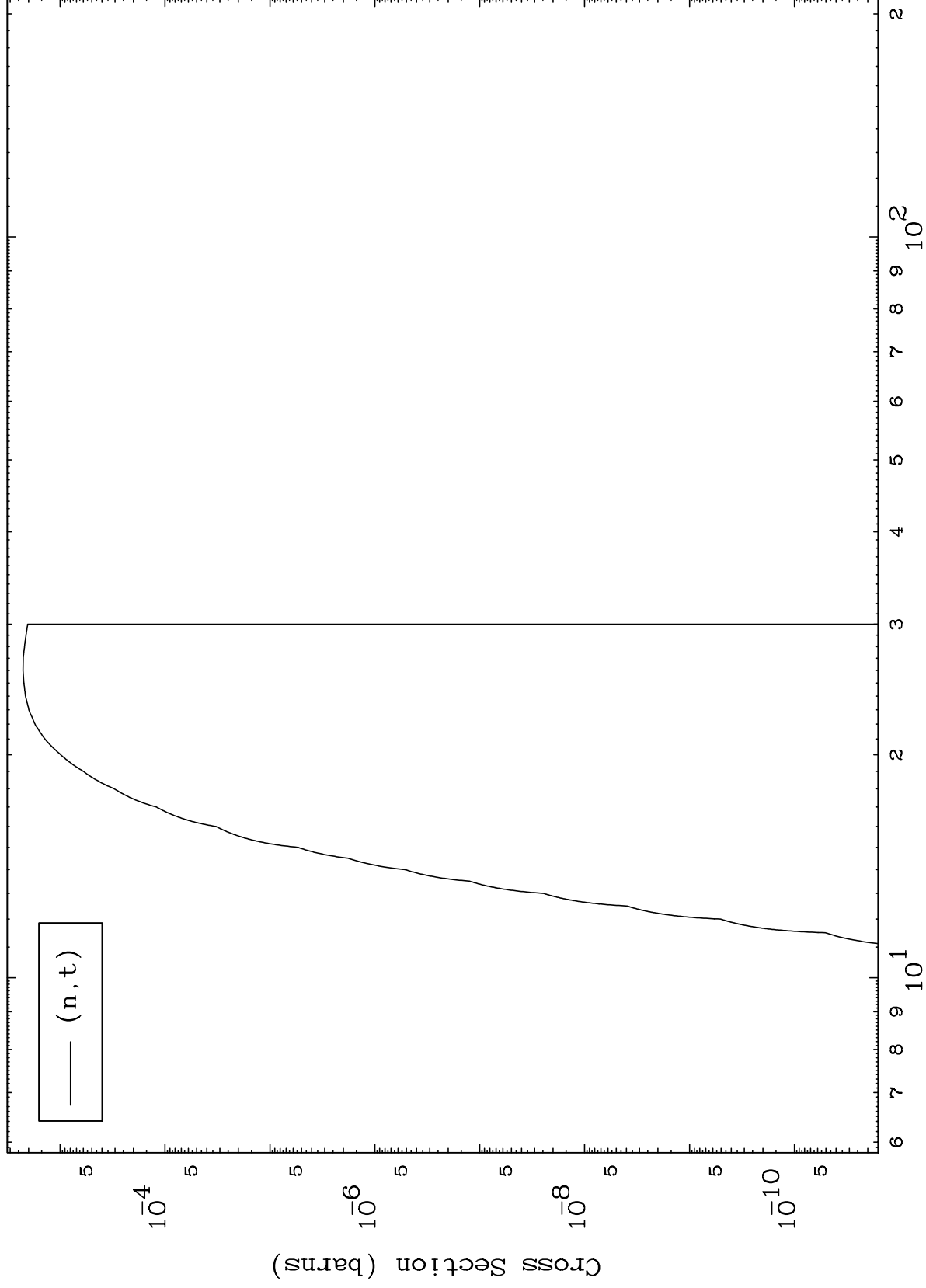




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70-Yb-181

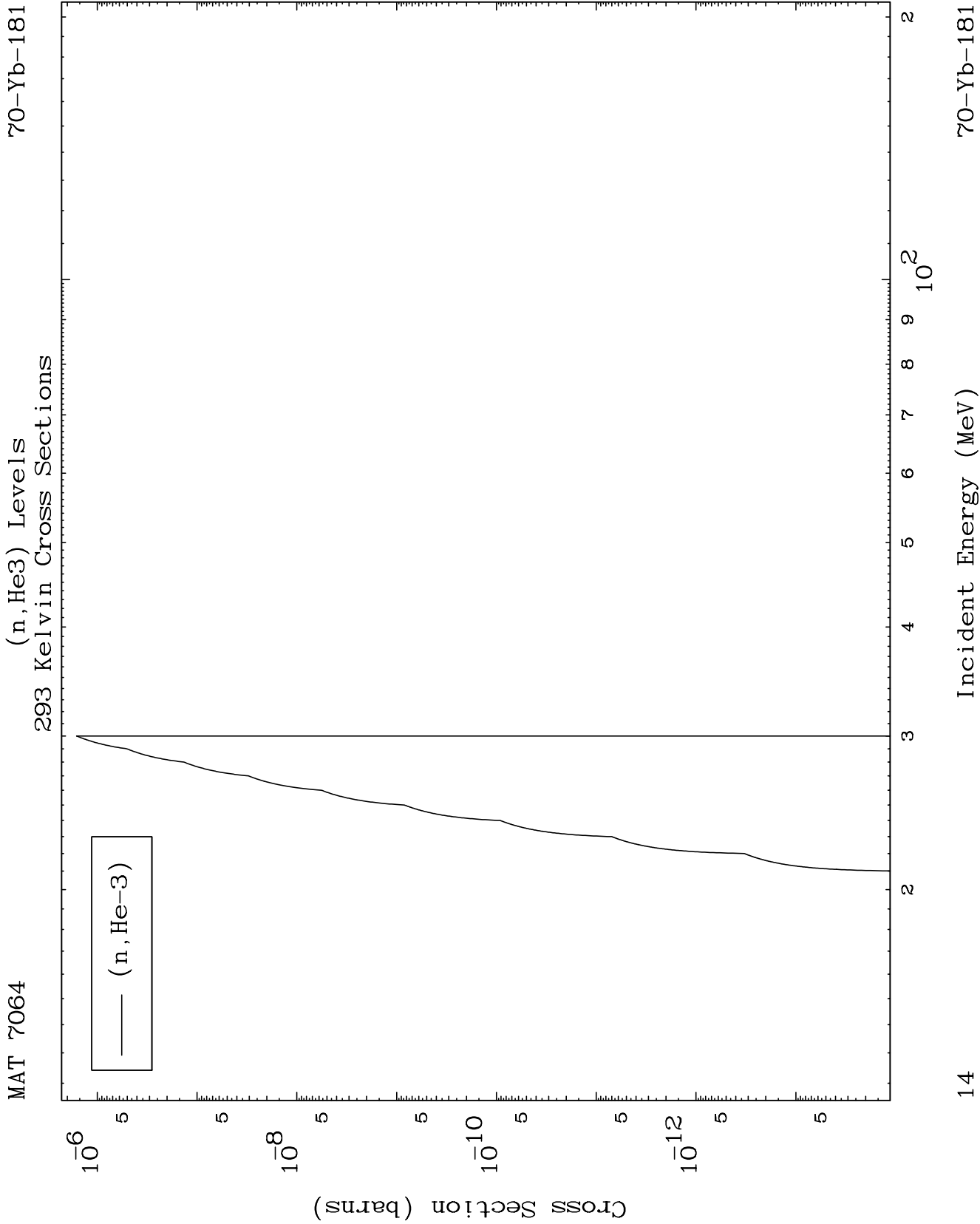
(n,t) Levels
293 Kelvin Cross Sections



70-Yb-181

Incident Energy (MeV)

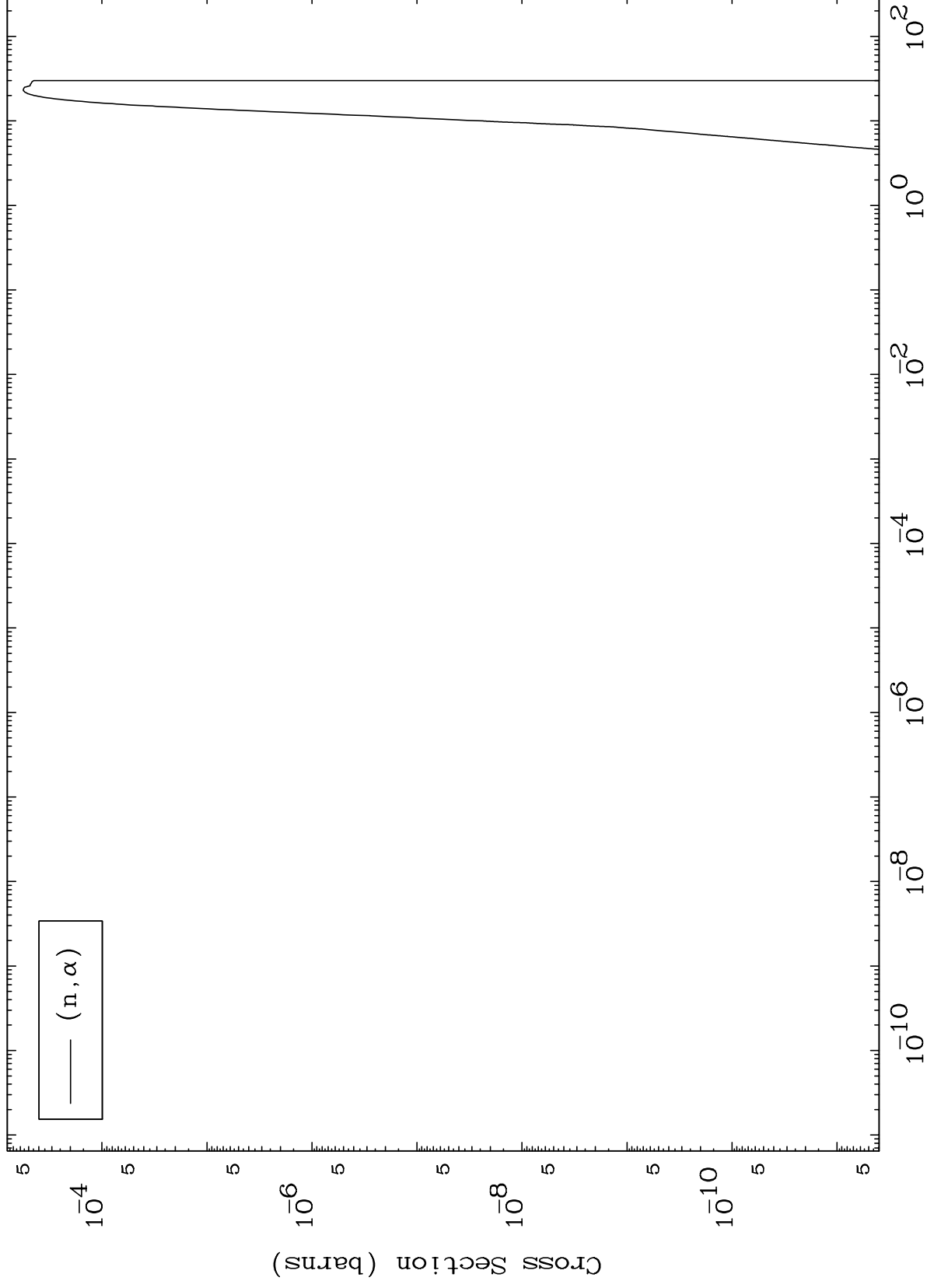
13



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(n, α) Levels
293 Kelvin Cross Sections

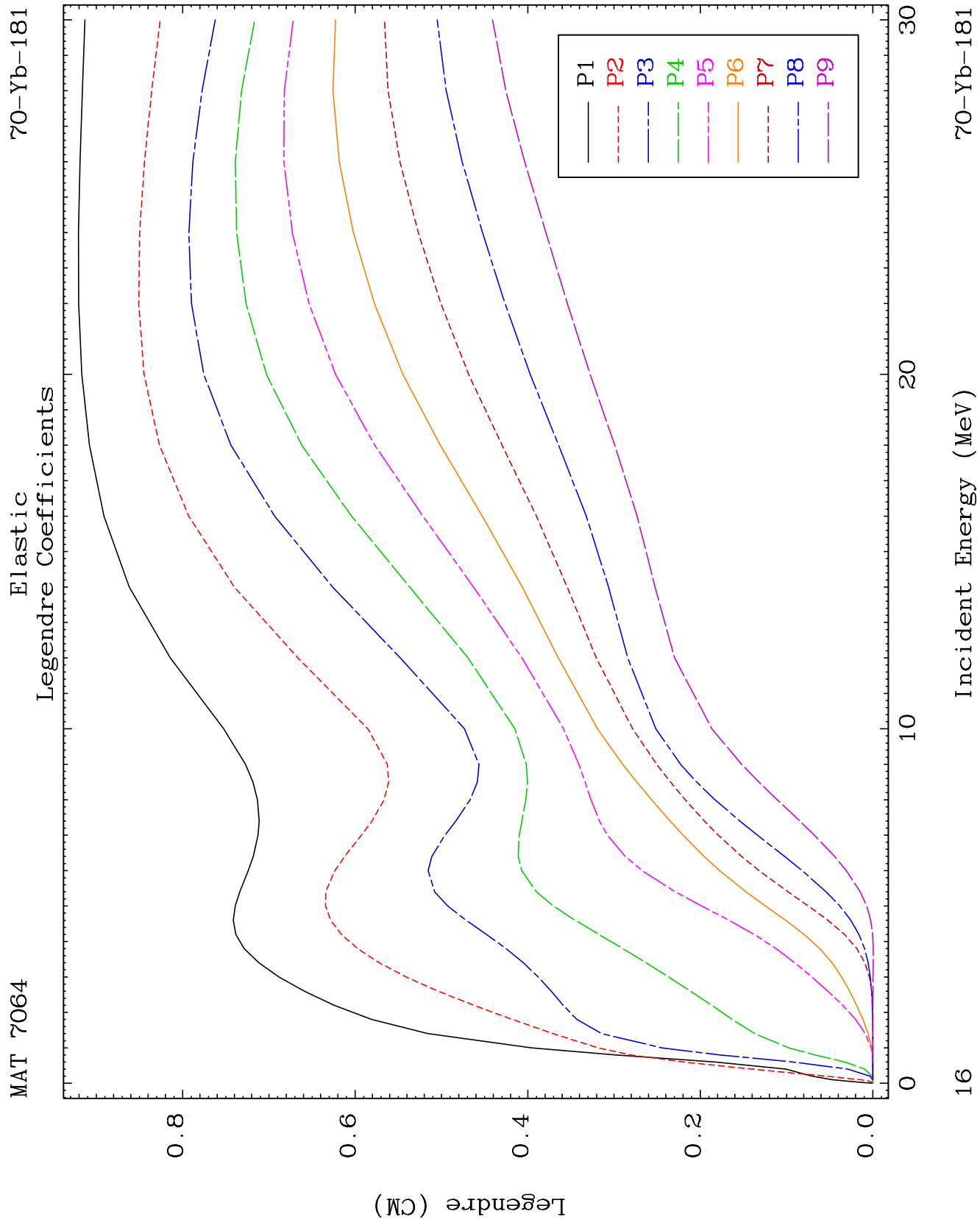
70-Yb-181

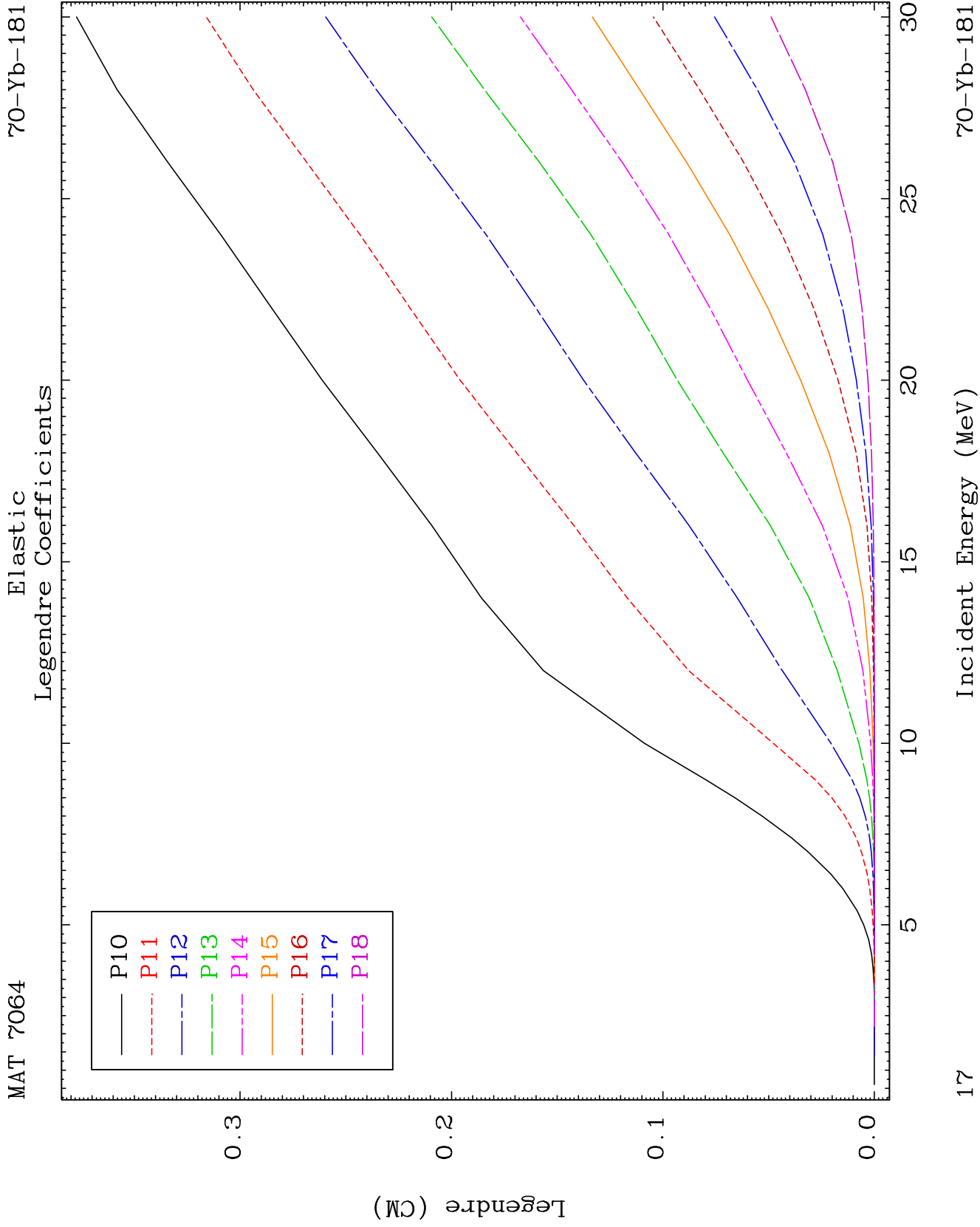


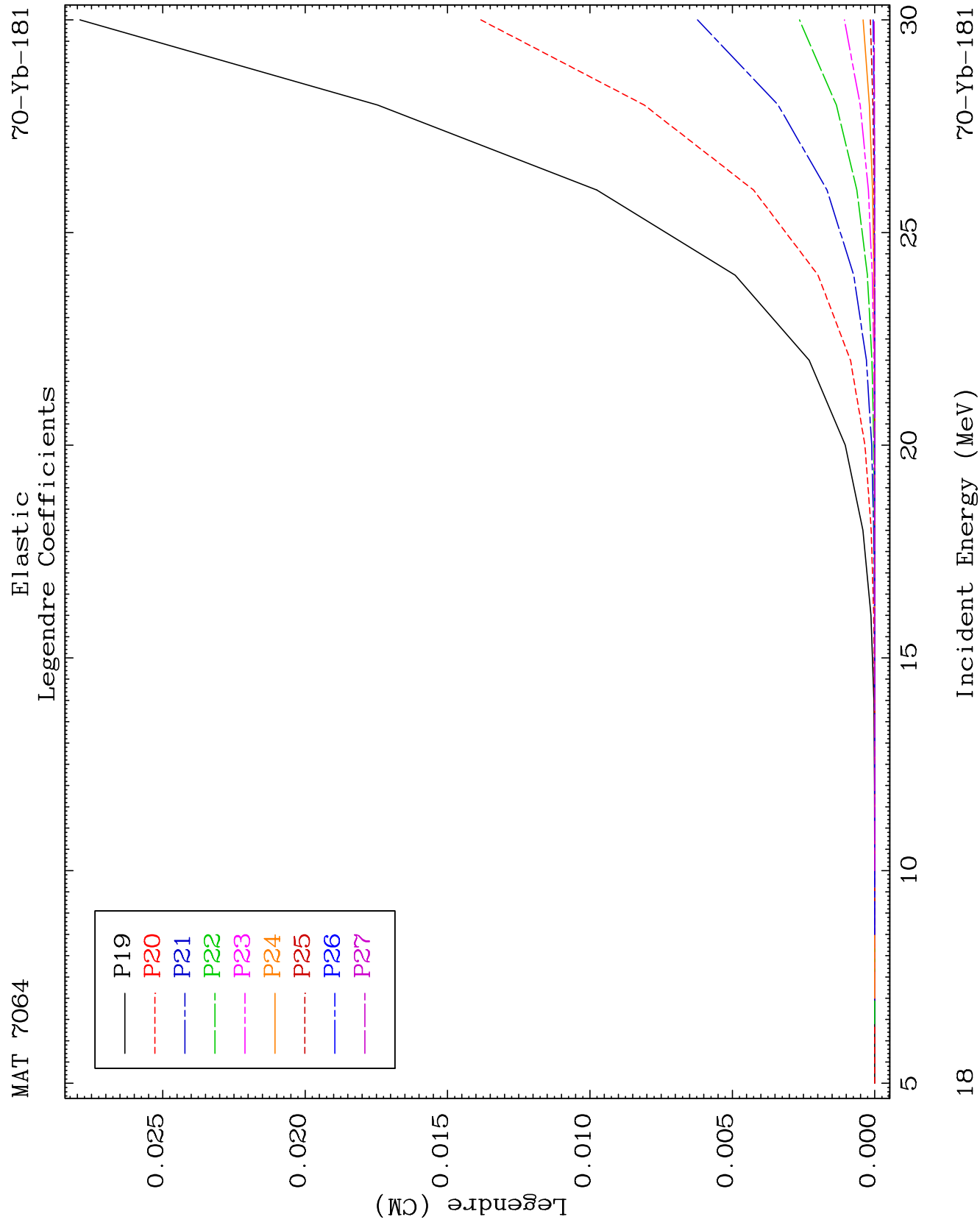
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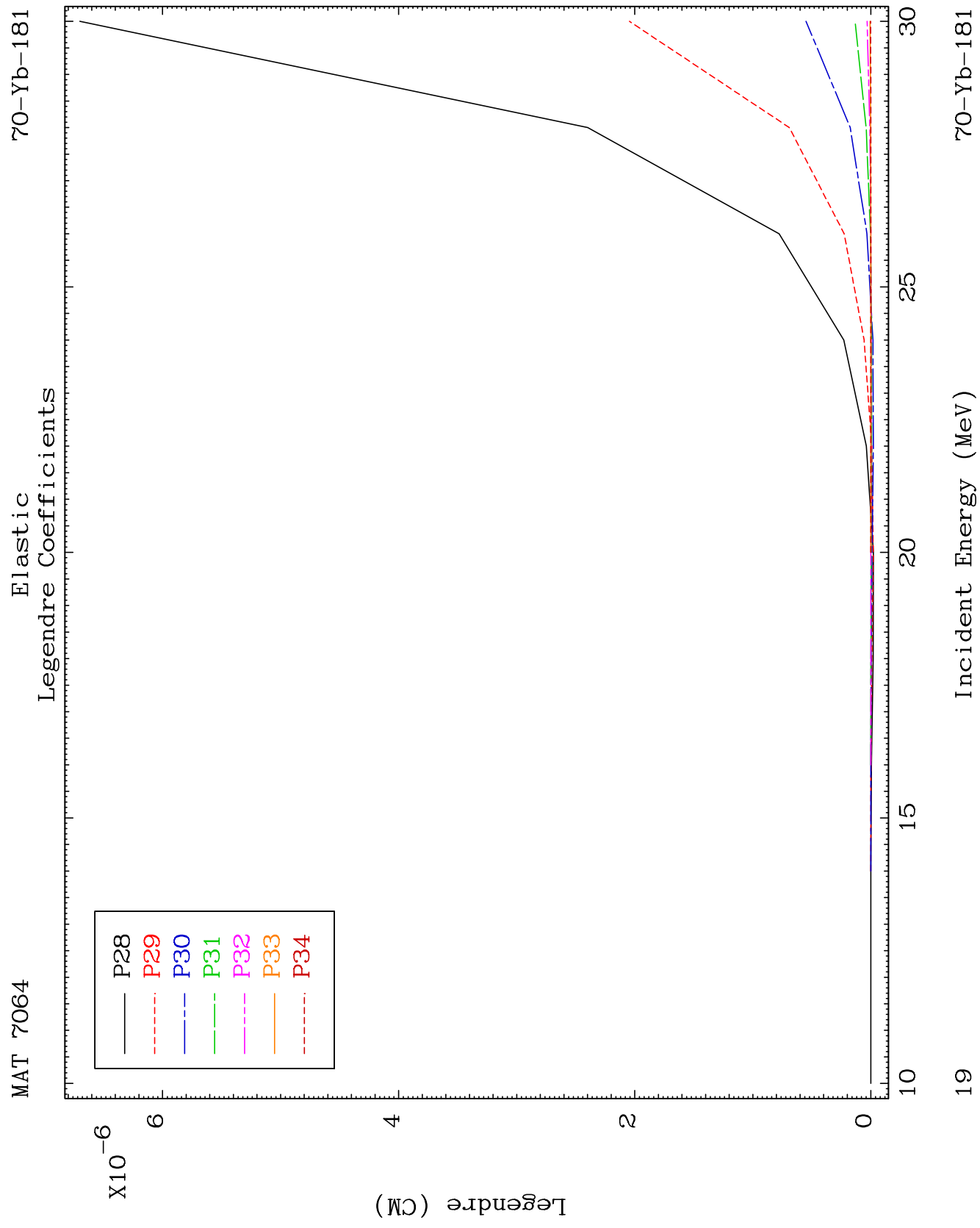
Incident Energy (MeV)

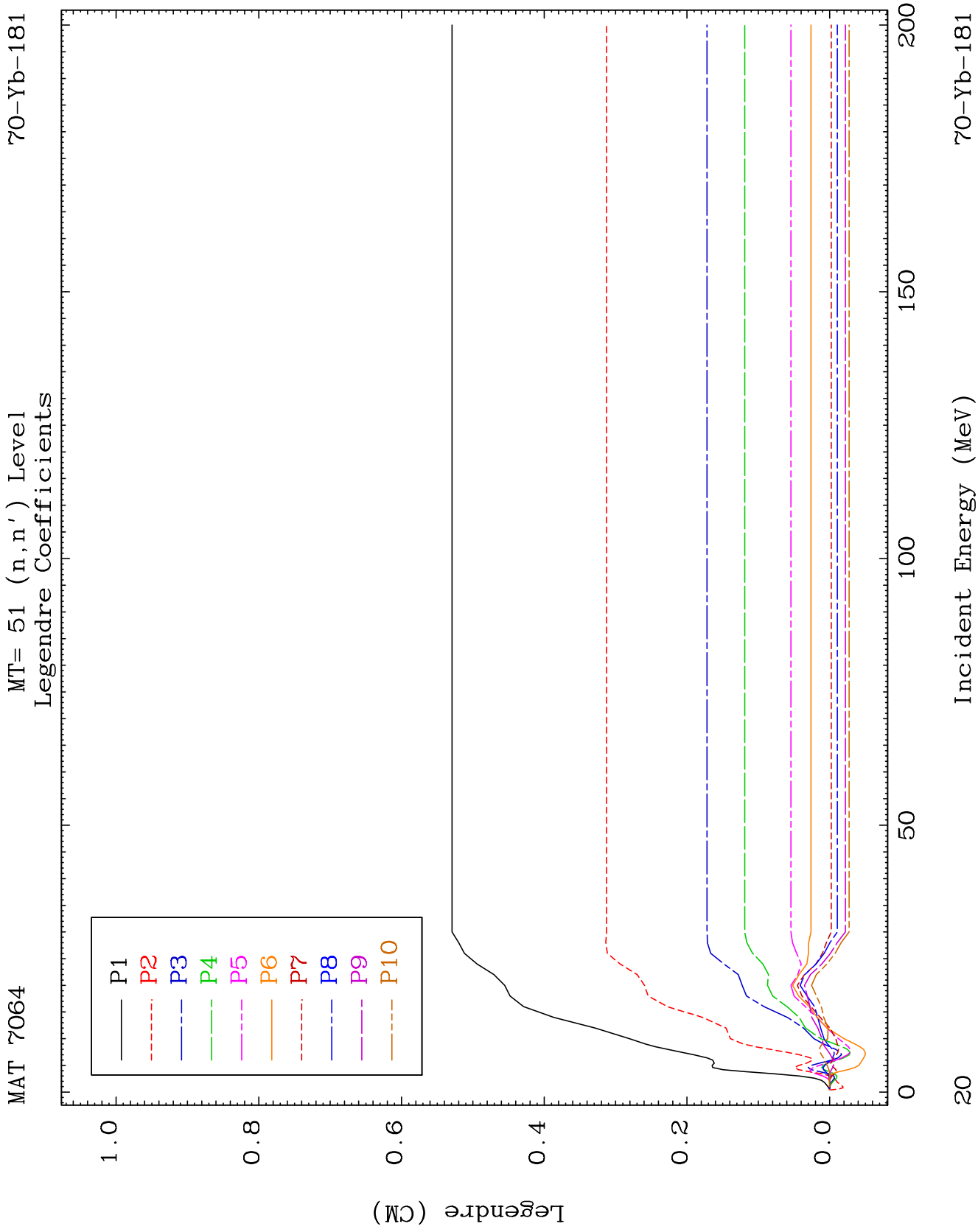
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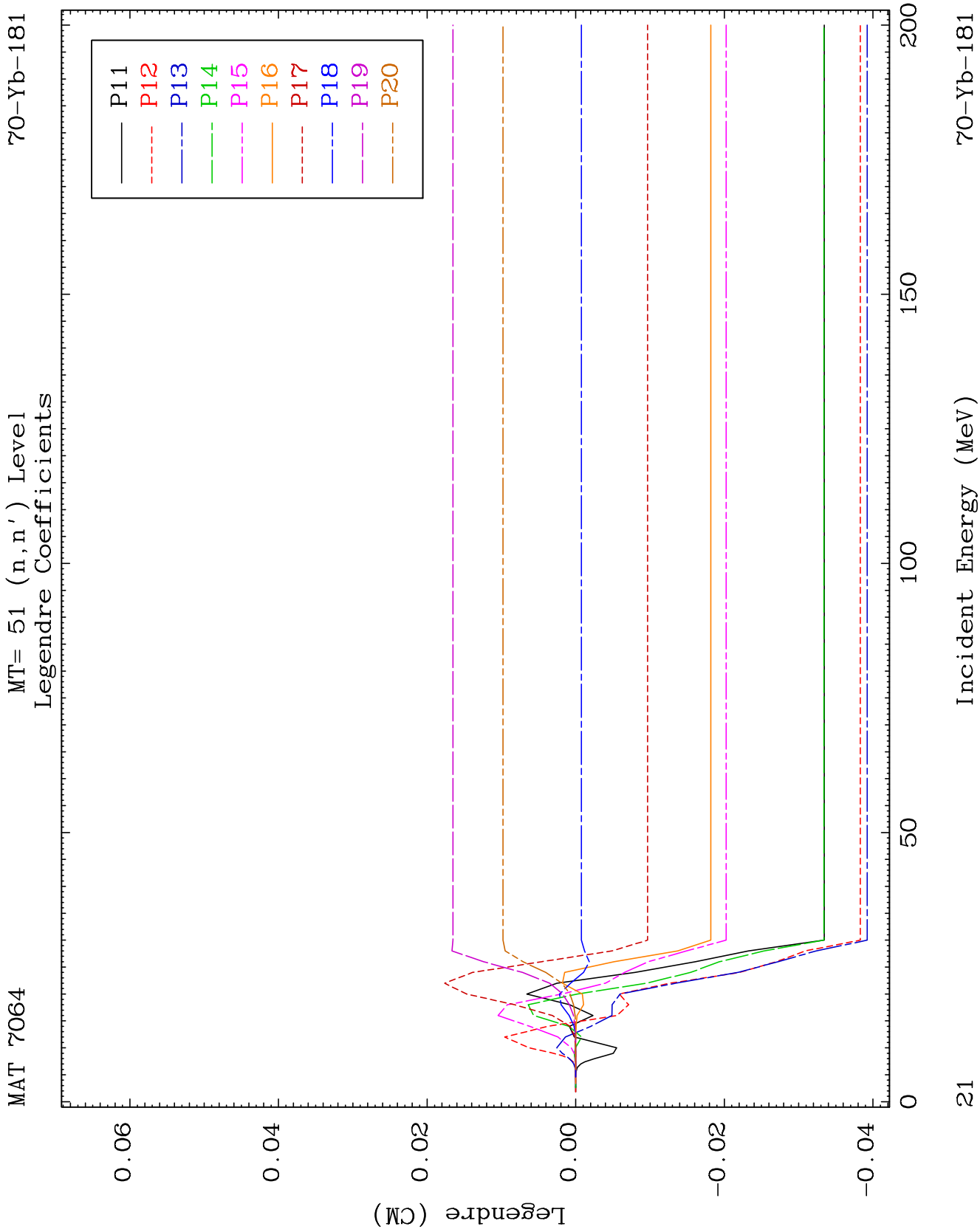








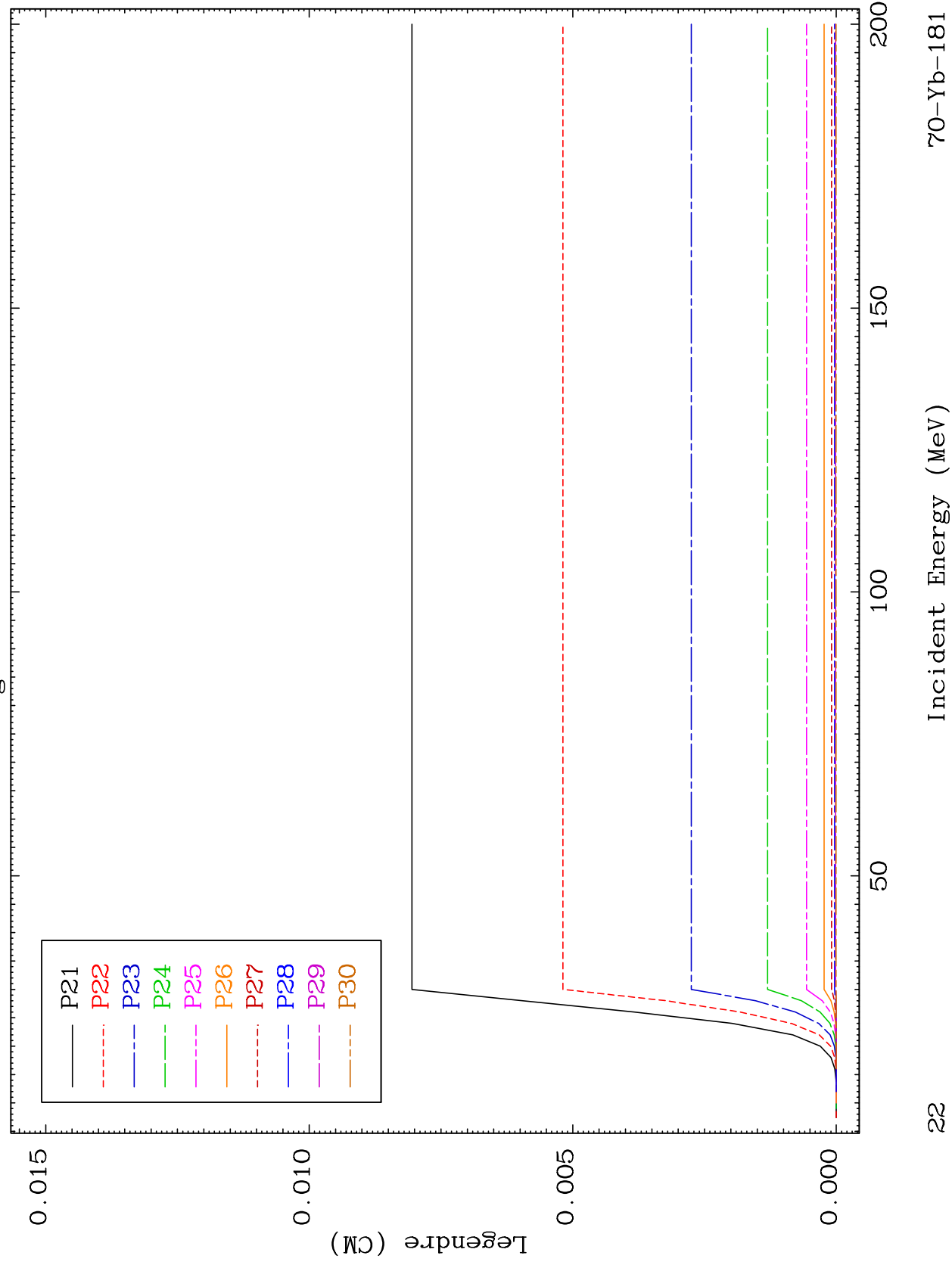


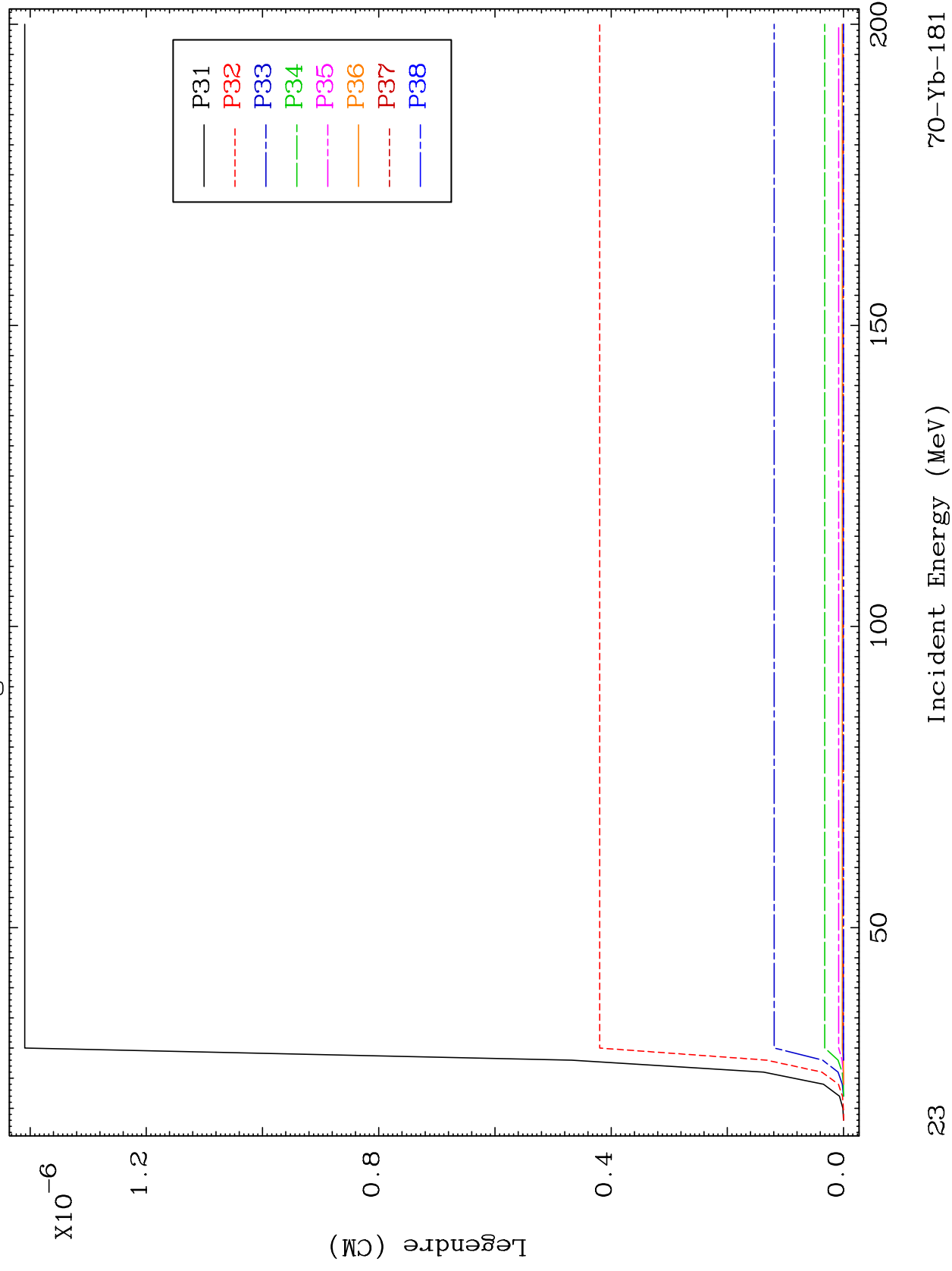


MAT 7064

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

70-Yb-181

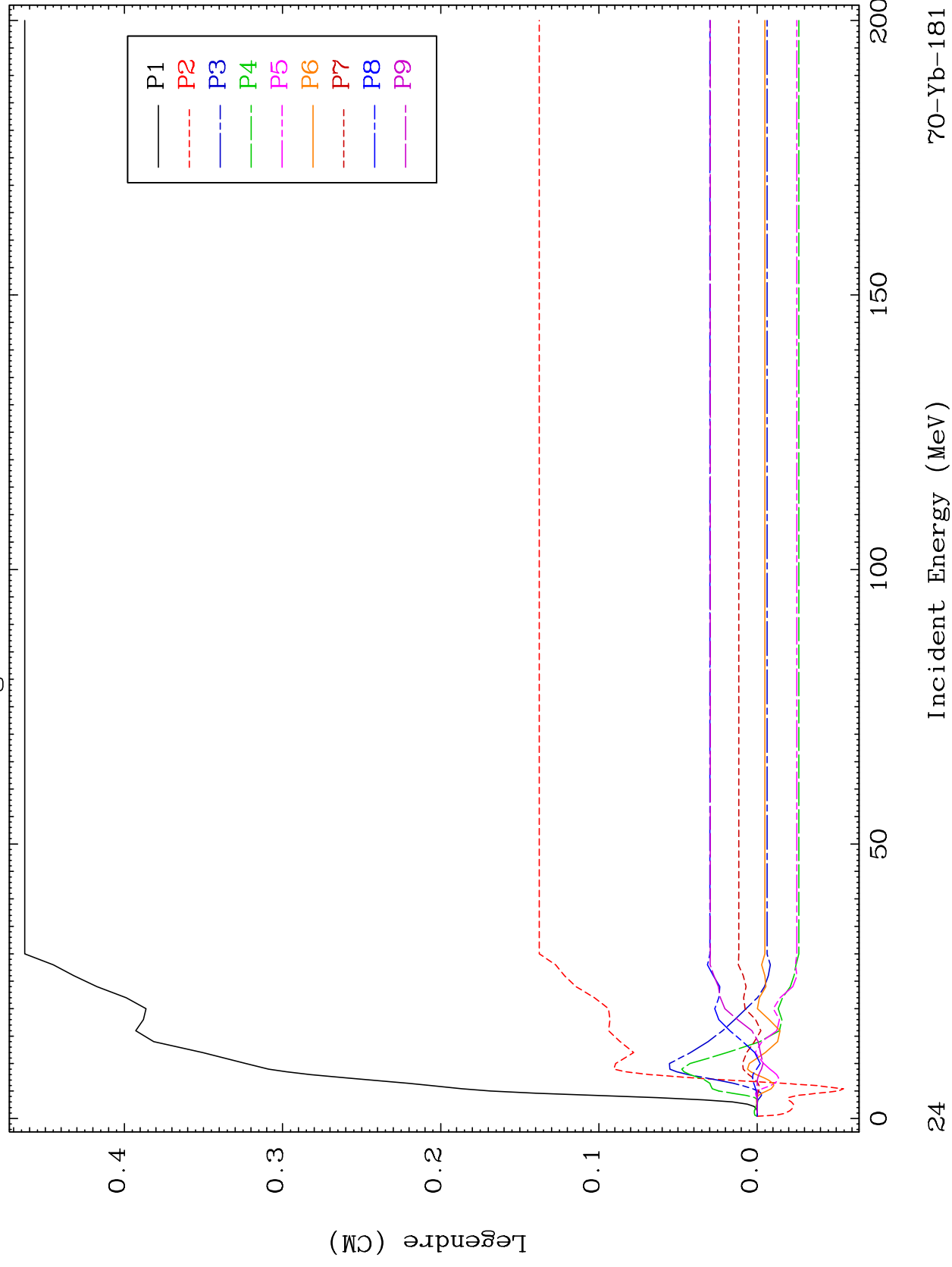


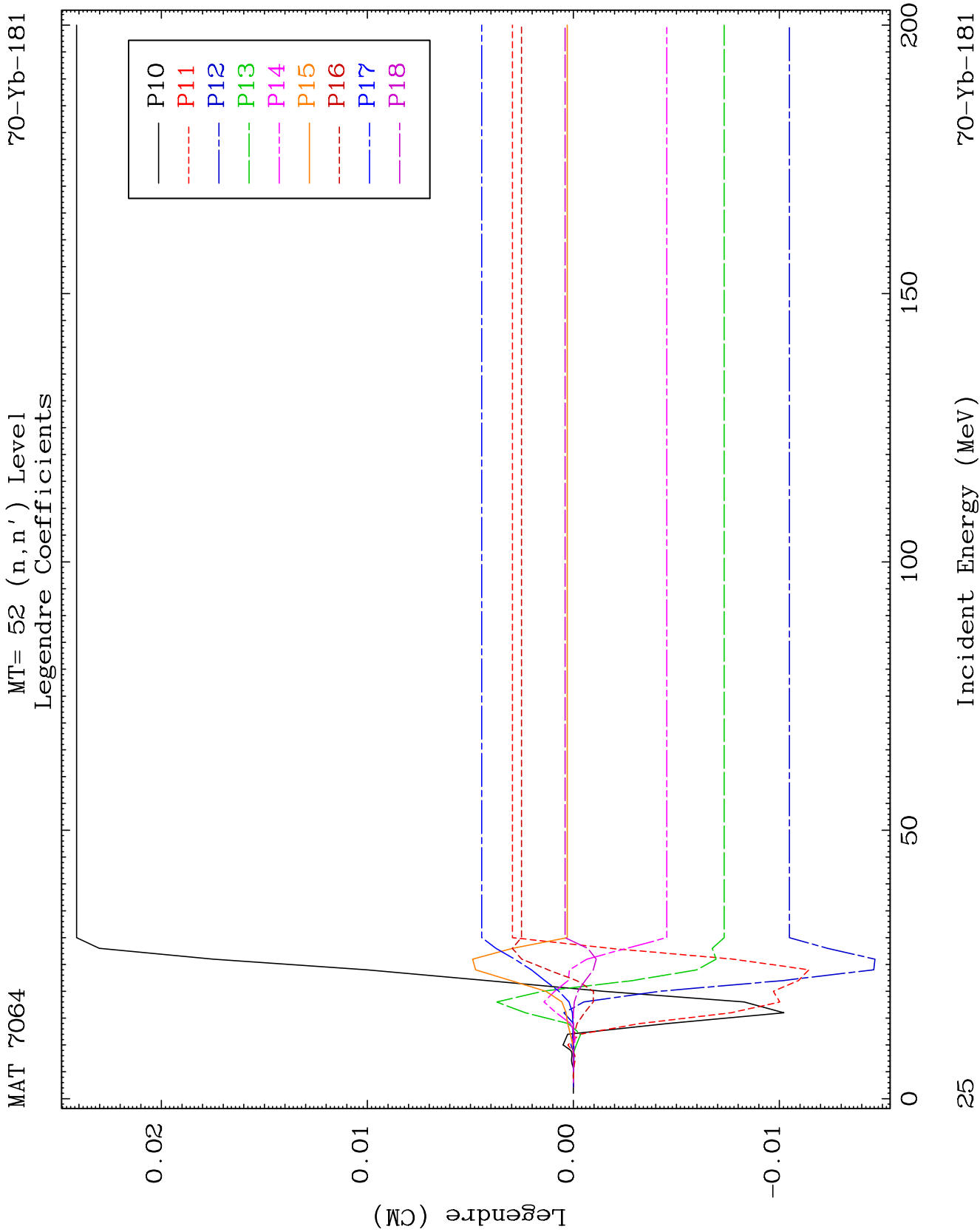


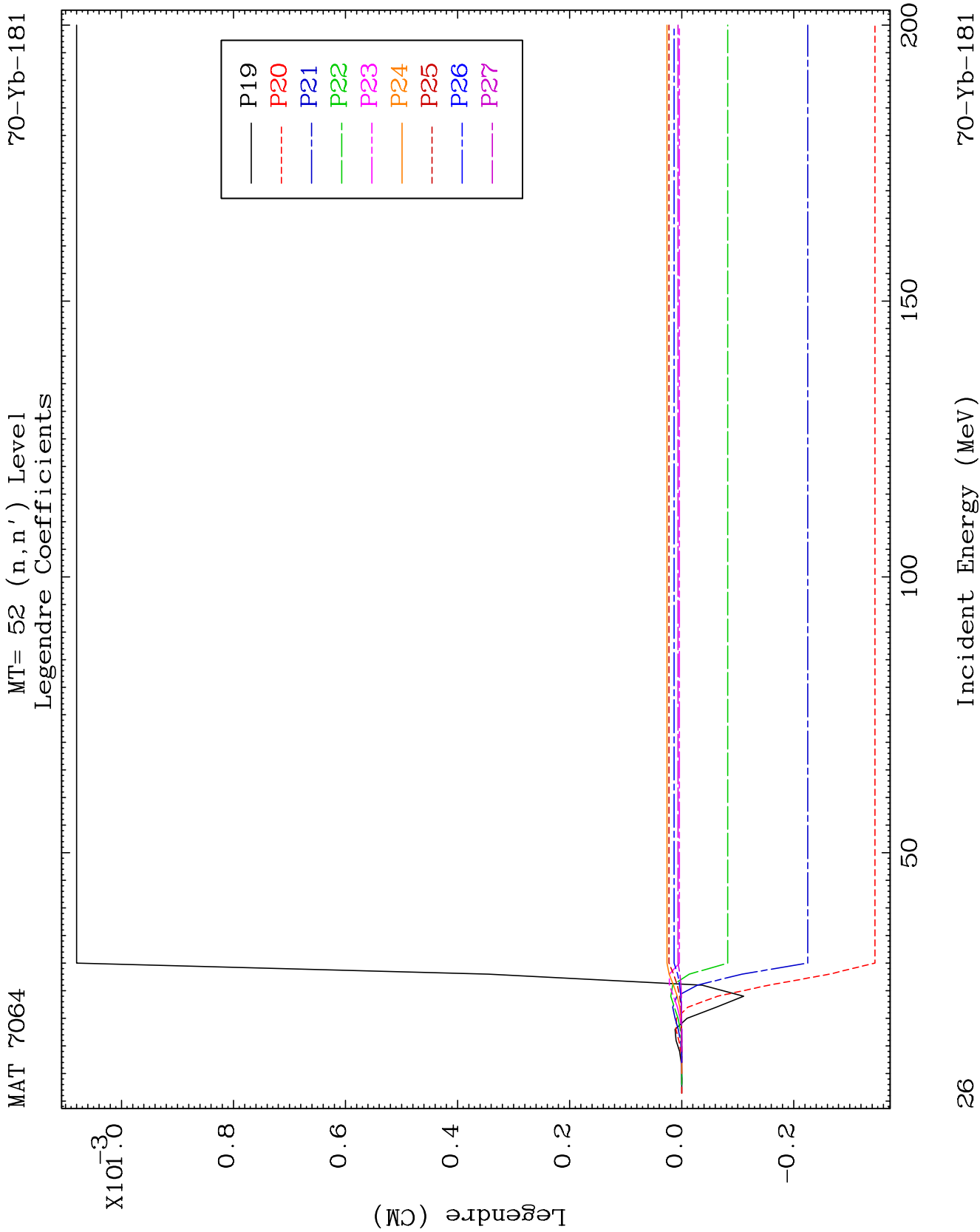
MAT 7064

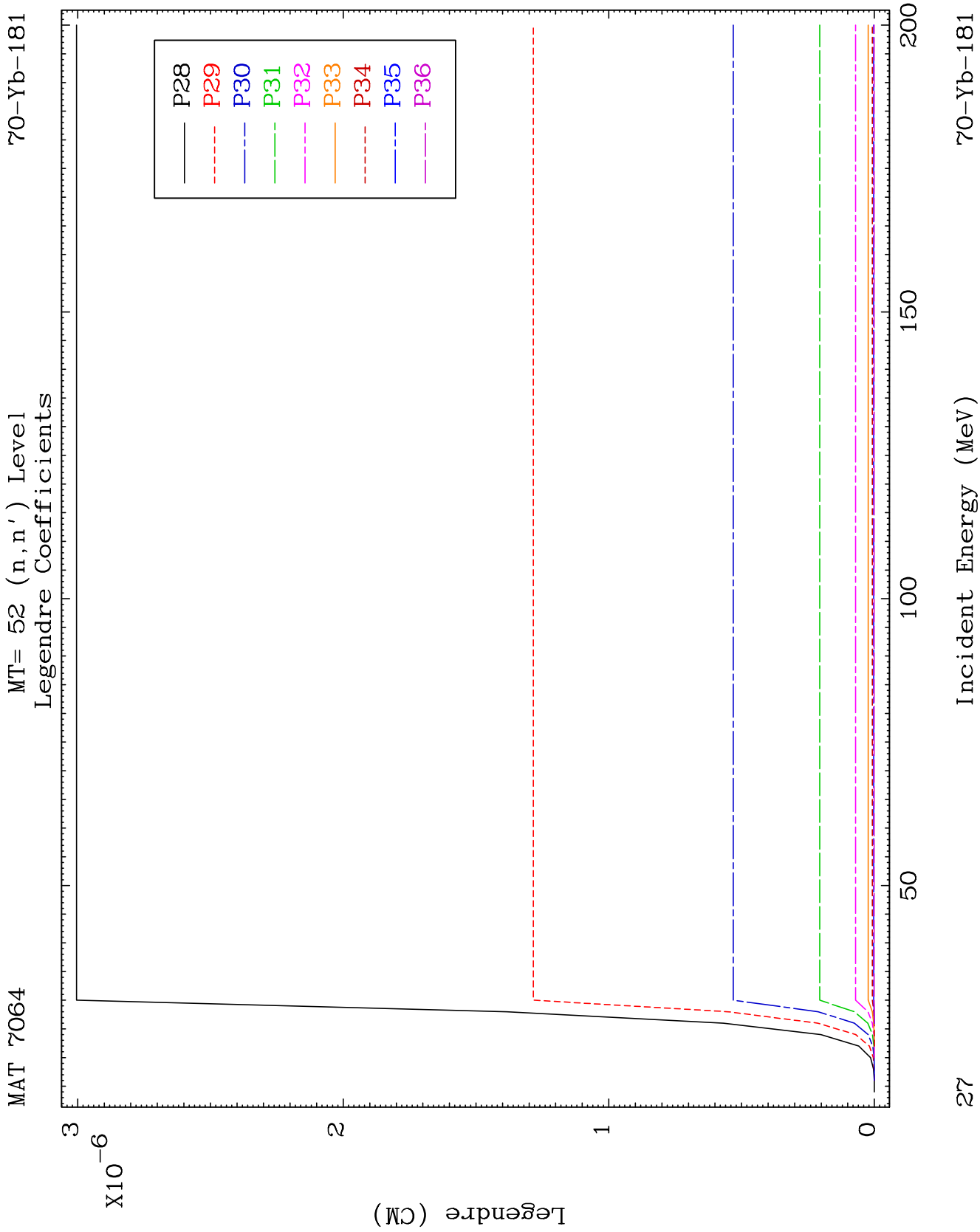
MT= 52 (n, n') Level
Legendre Coefficients

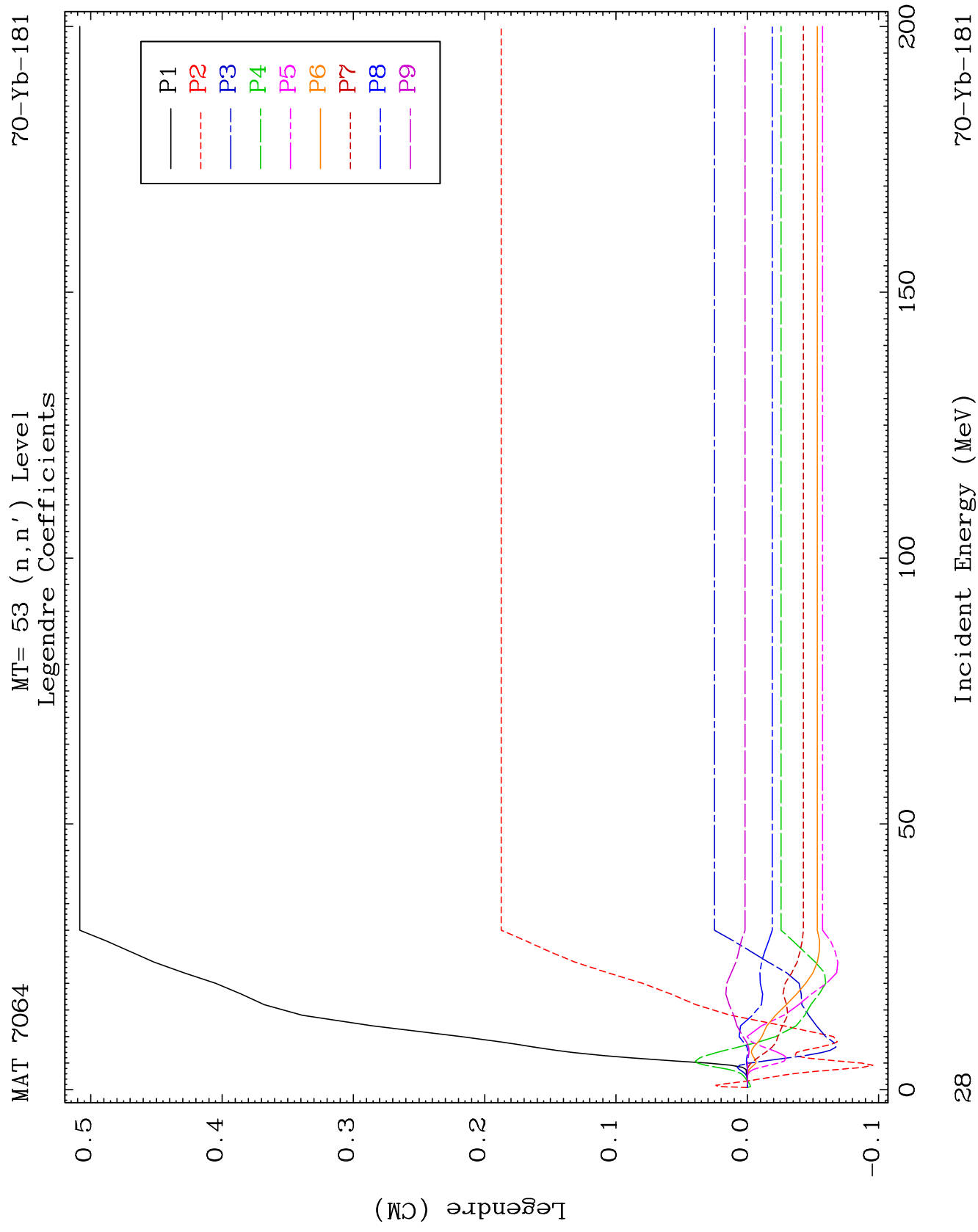
70-Yb-181







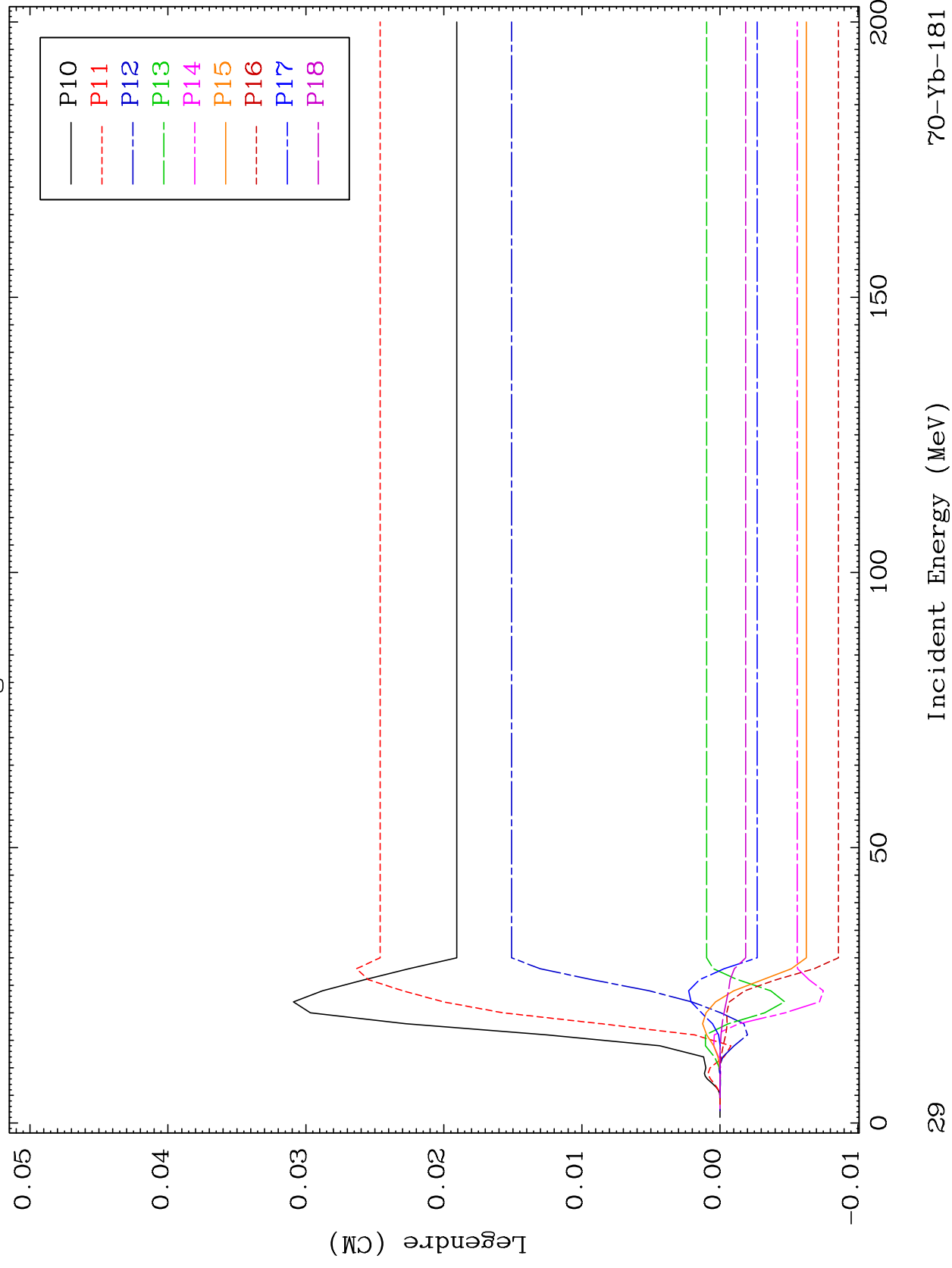




MAT 7064

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

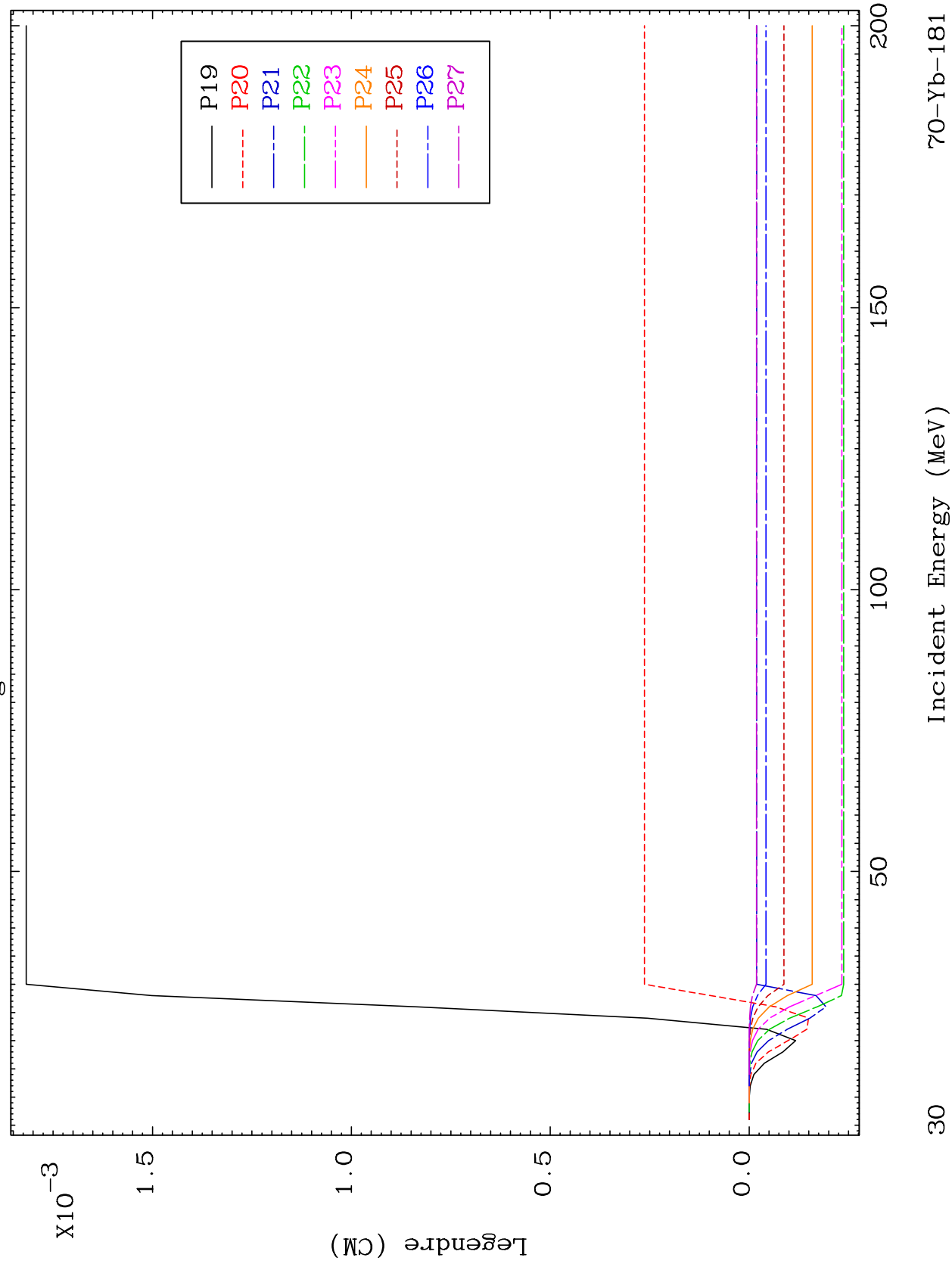
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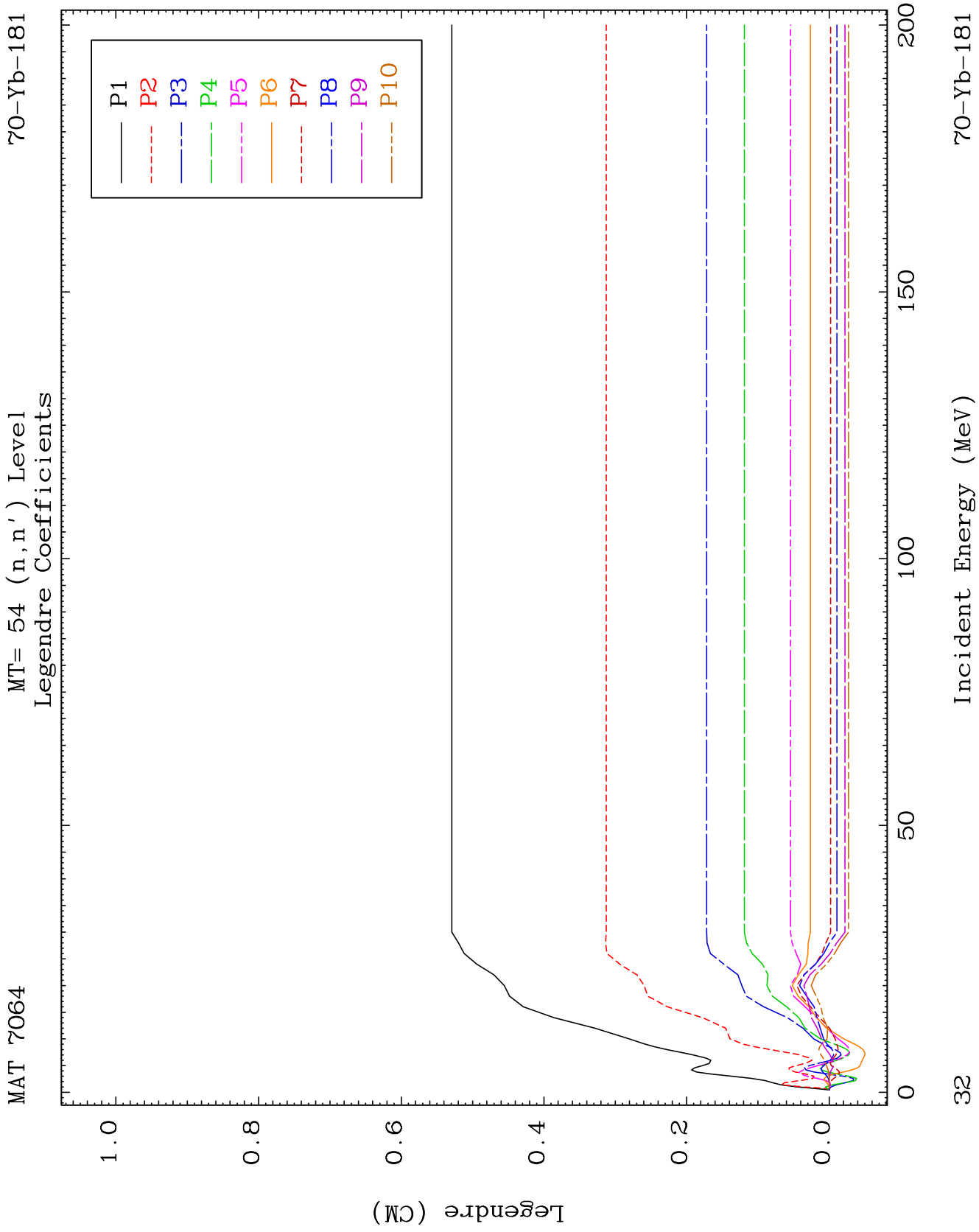


MAT 7064

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

70-Yb-181

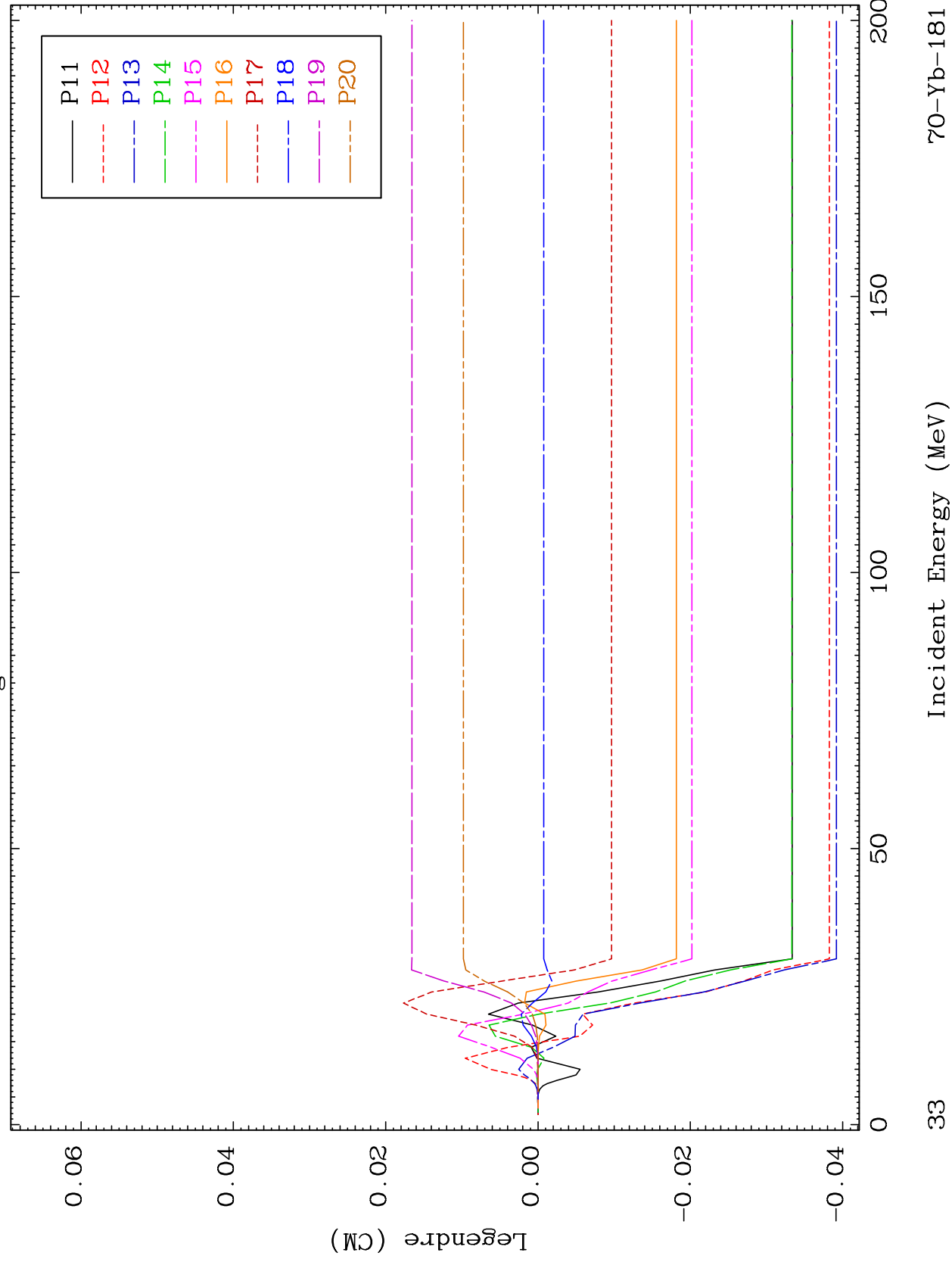




MAT 7064

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

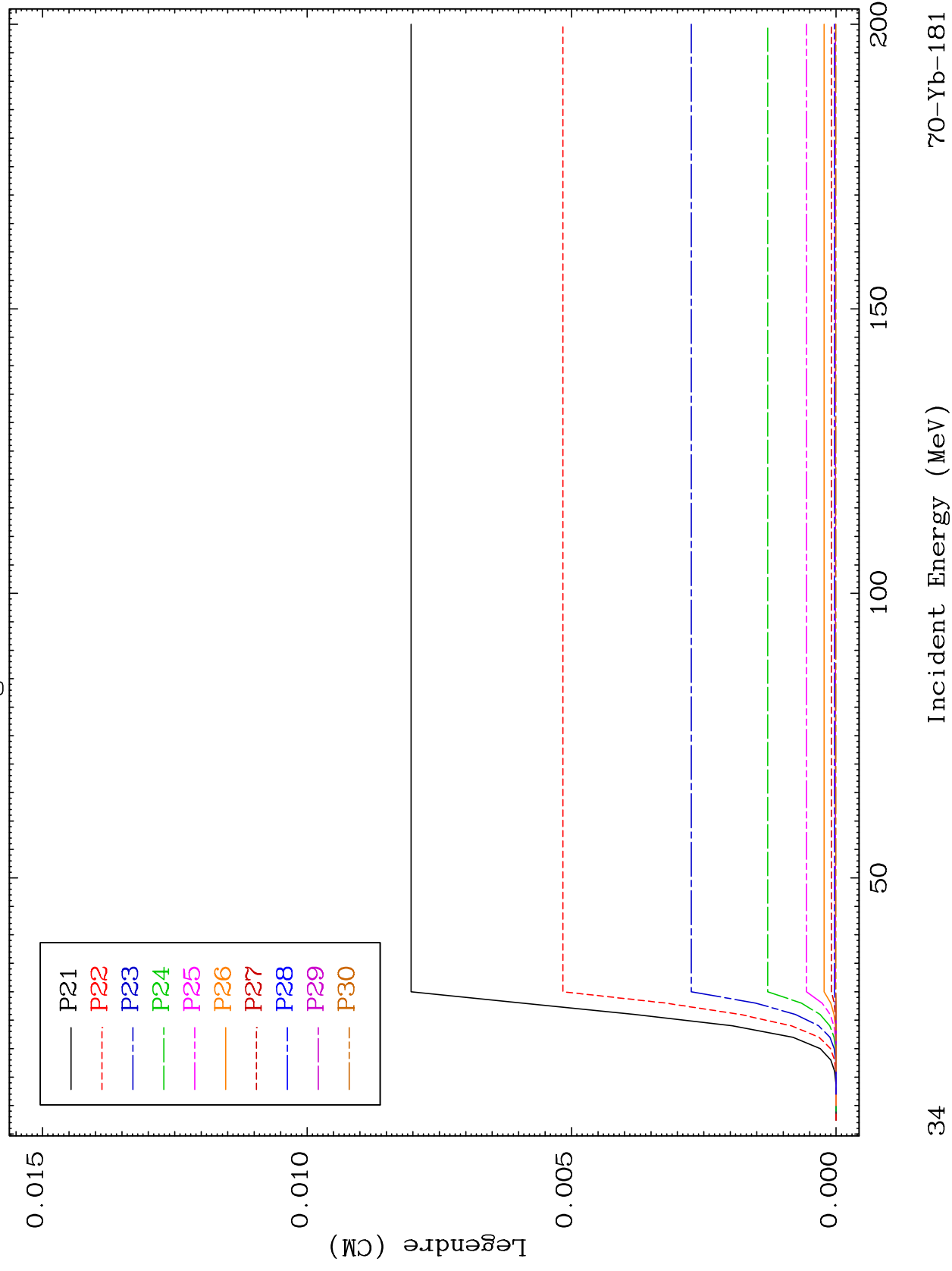
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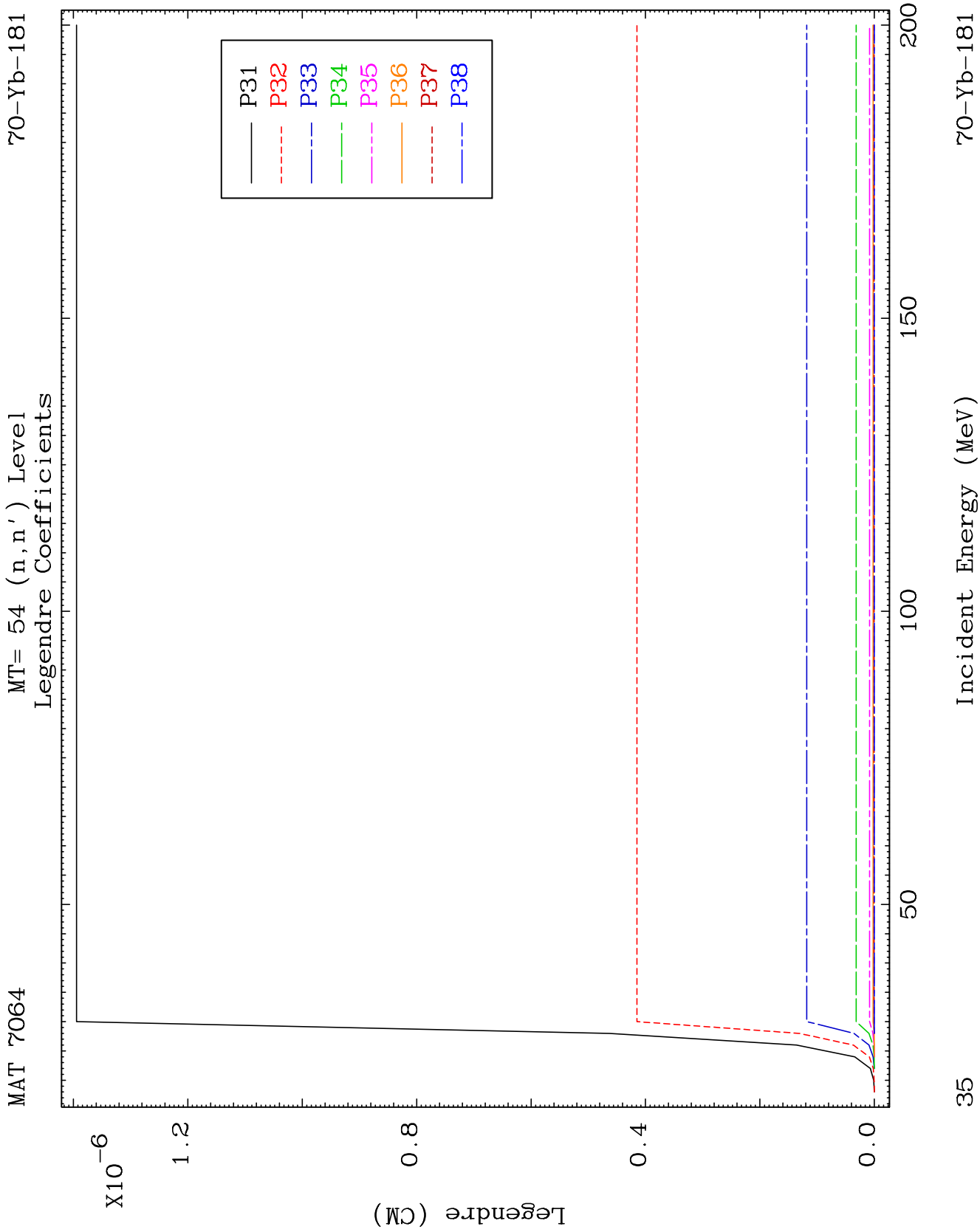


MAT 7064

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

70-Yb-181

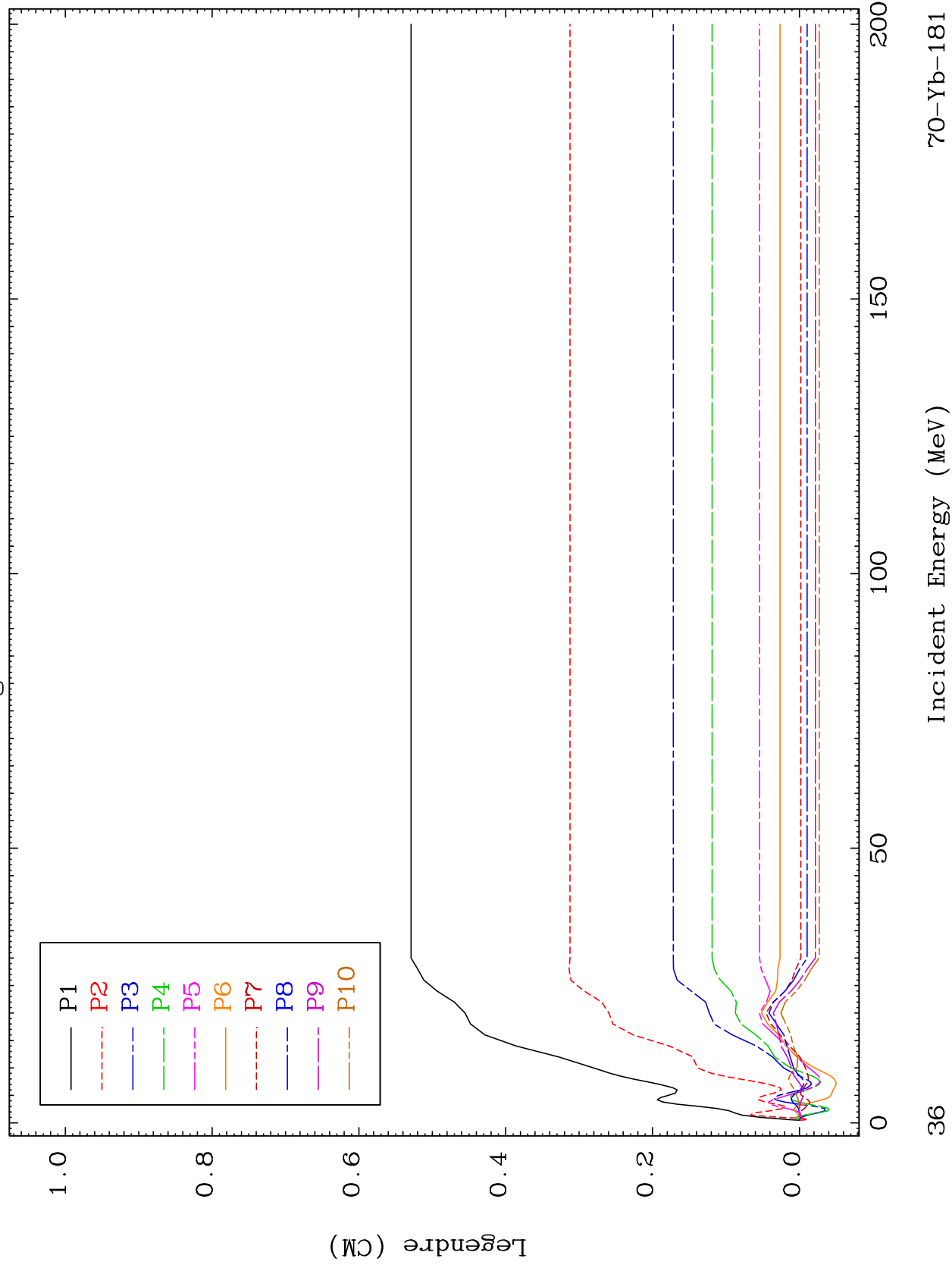


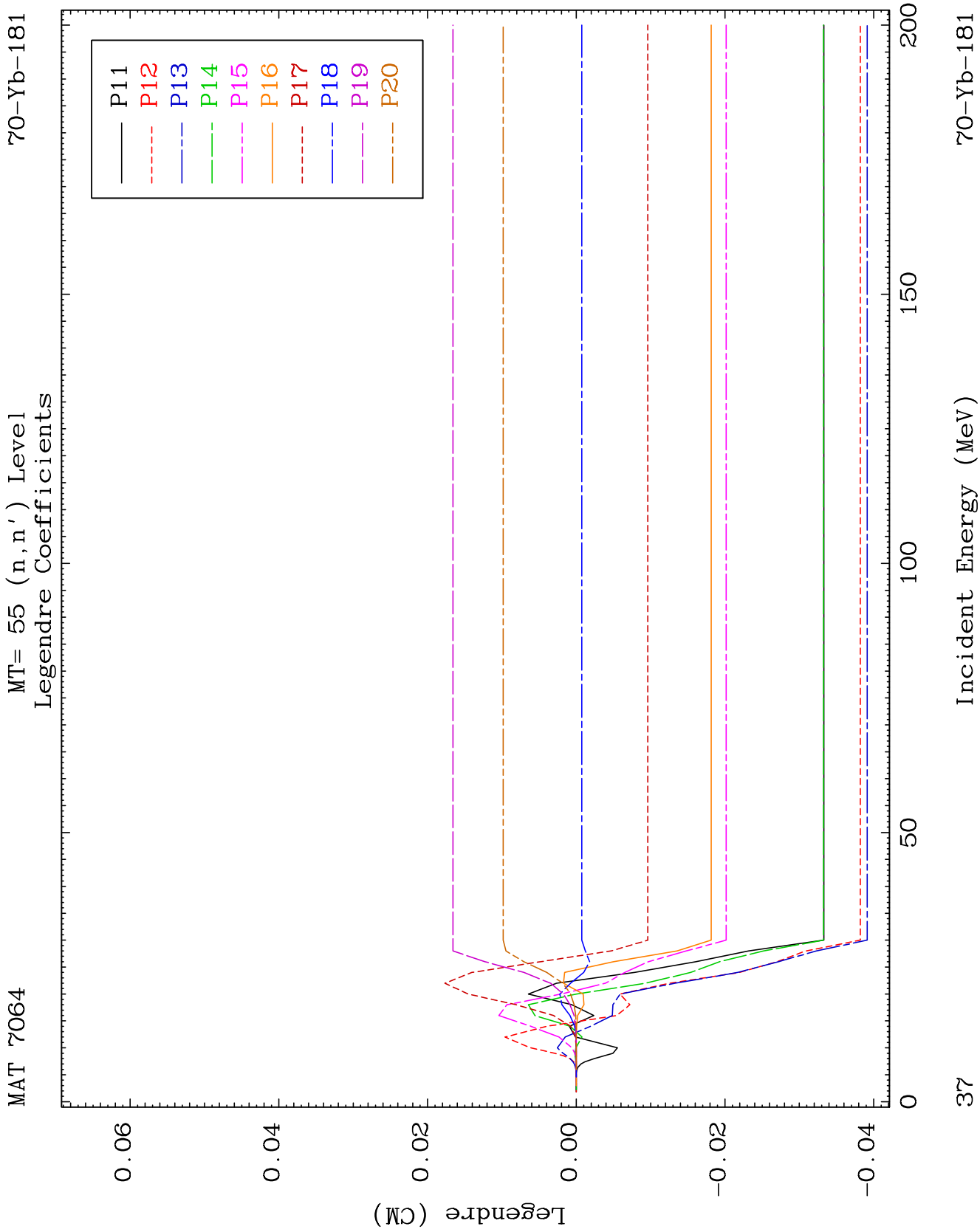


MAT 7064

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

70-Yb-181

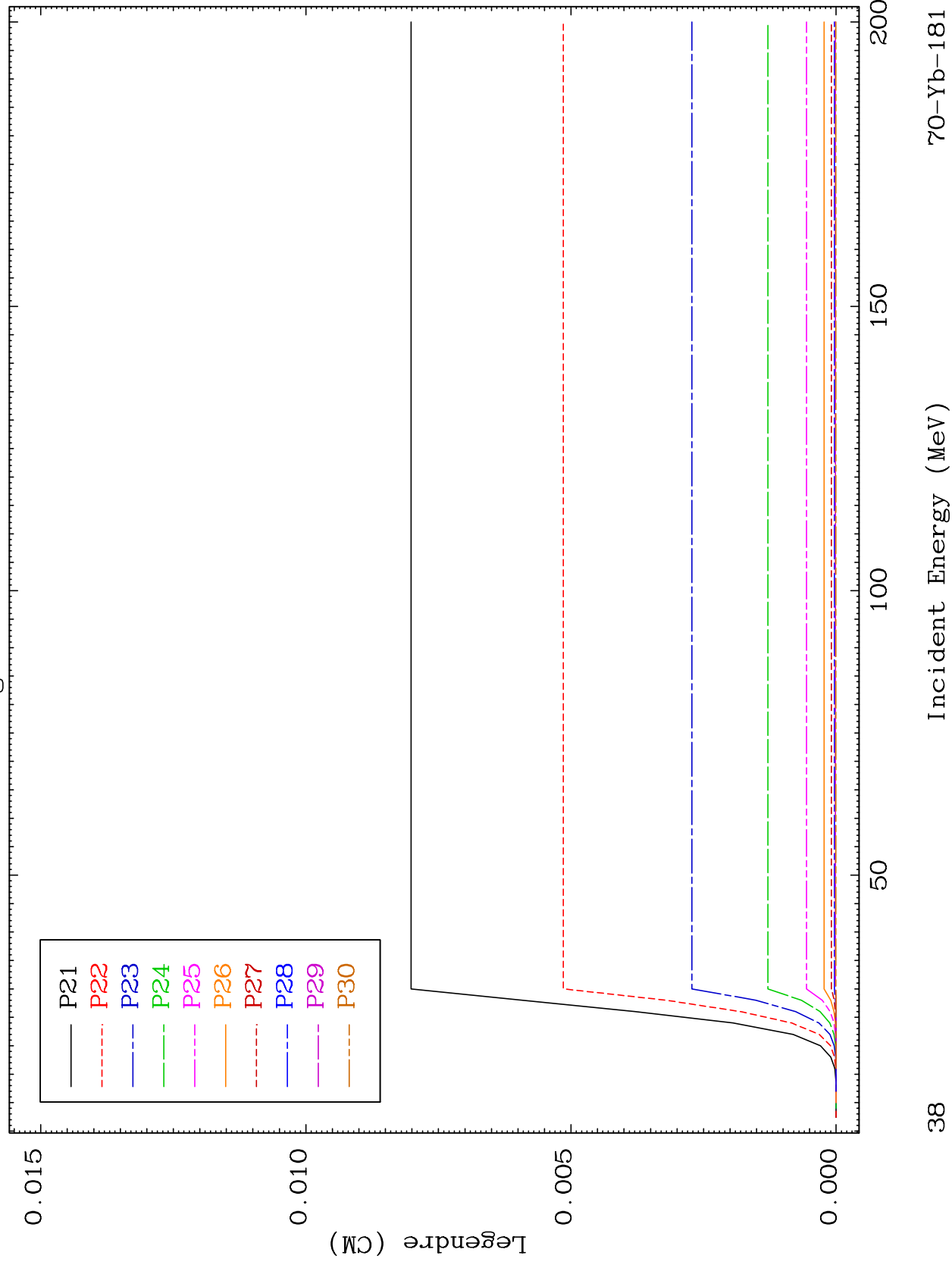


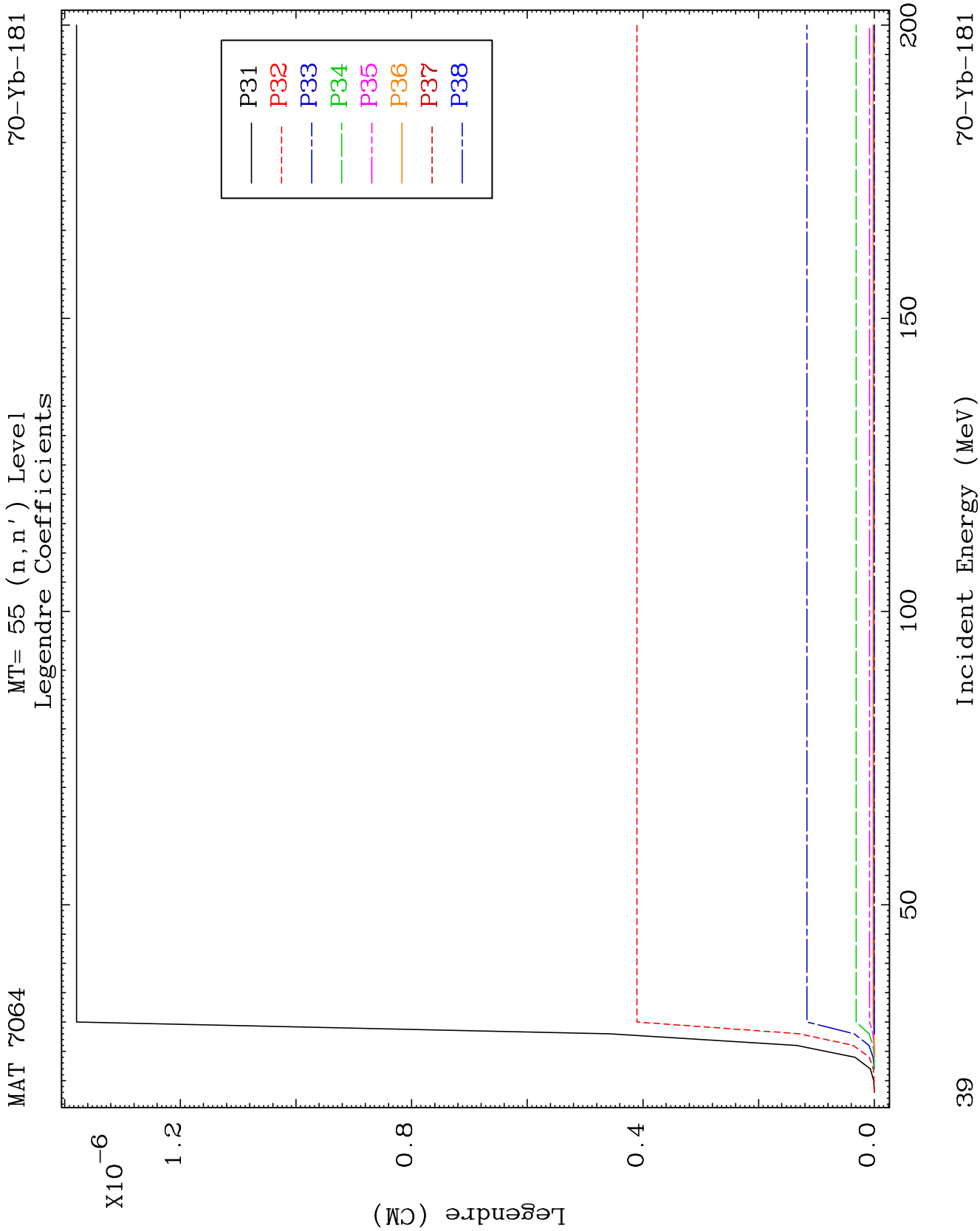


MAT 7064

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

70-Yb-181

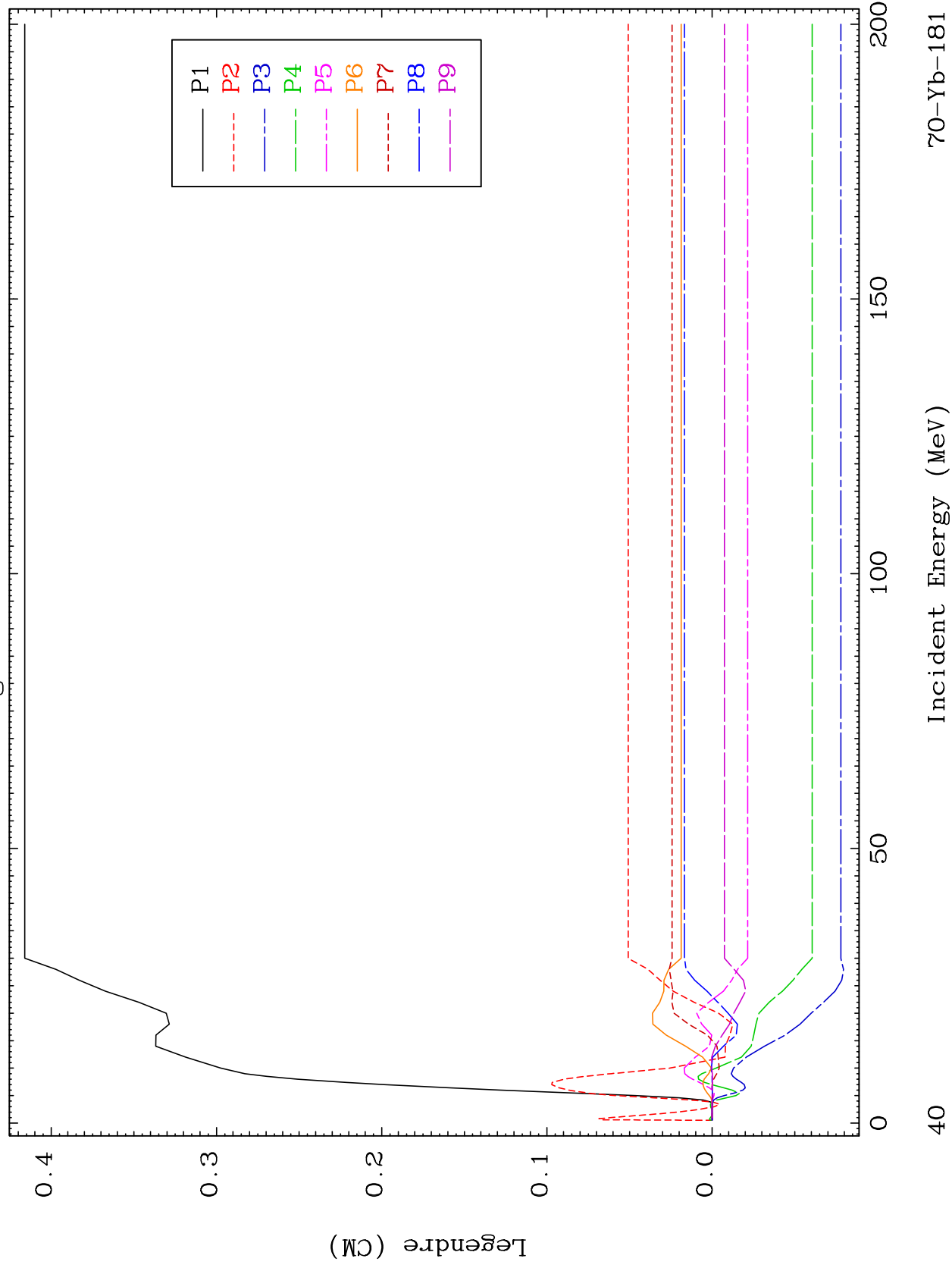




MAT 7064

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

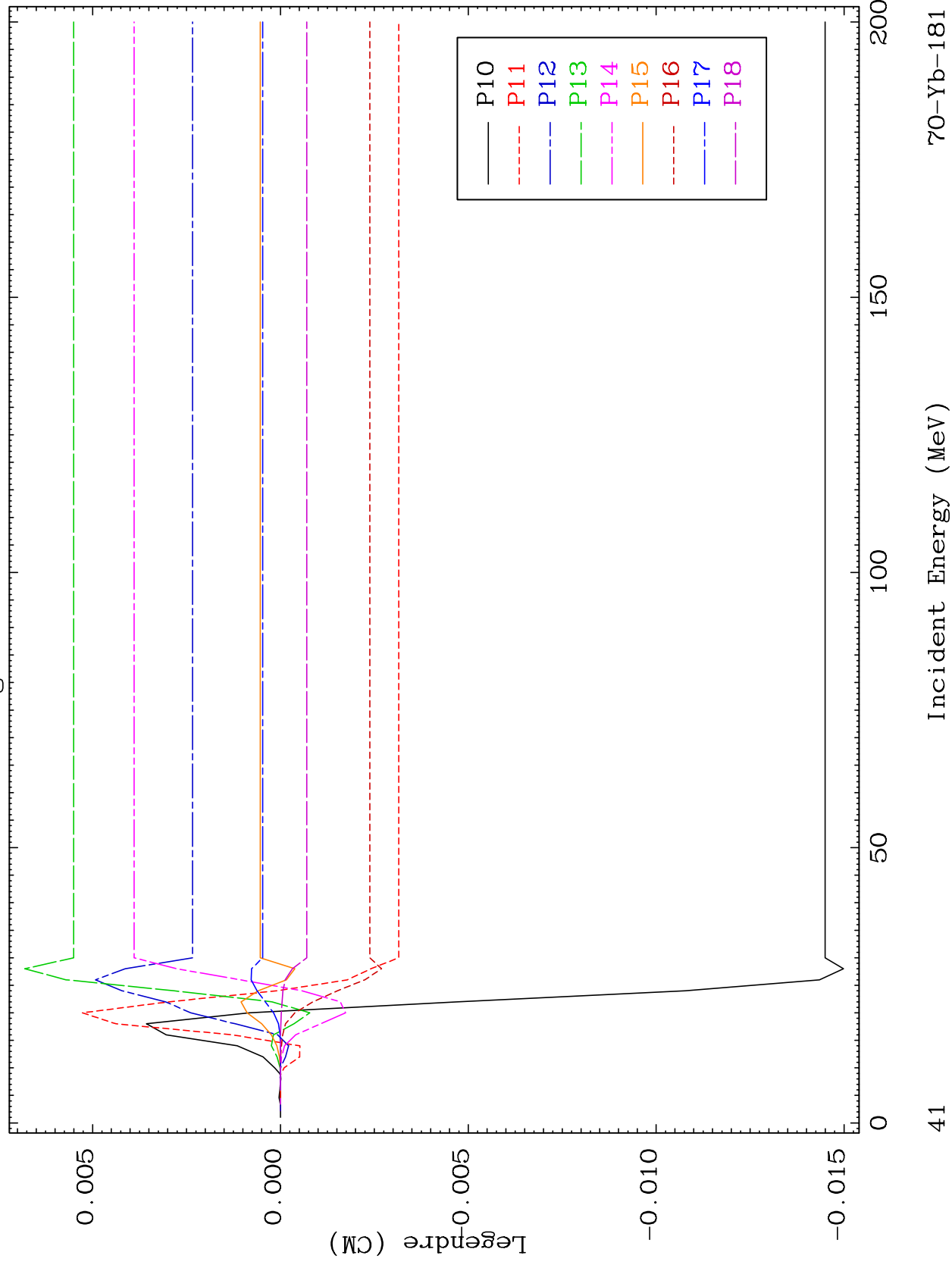
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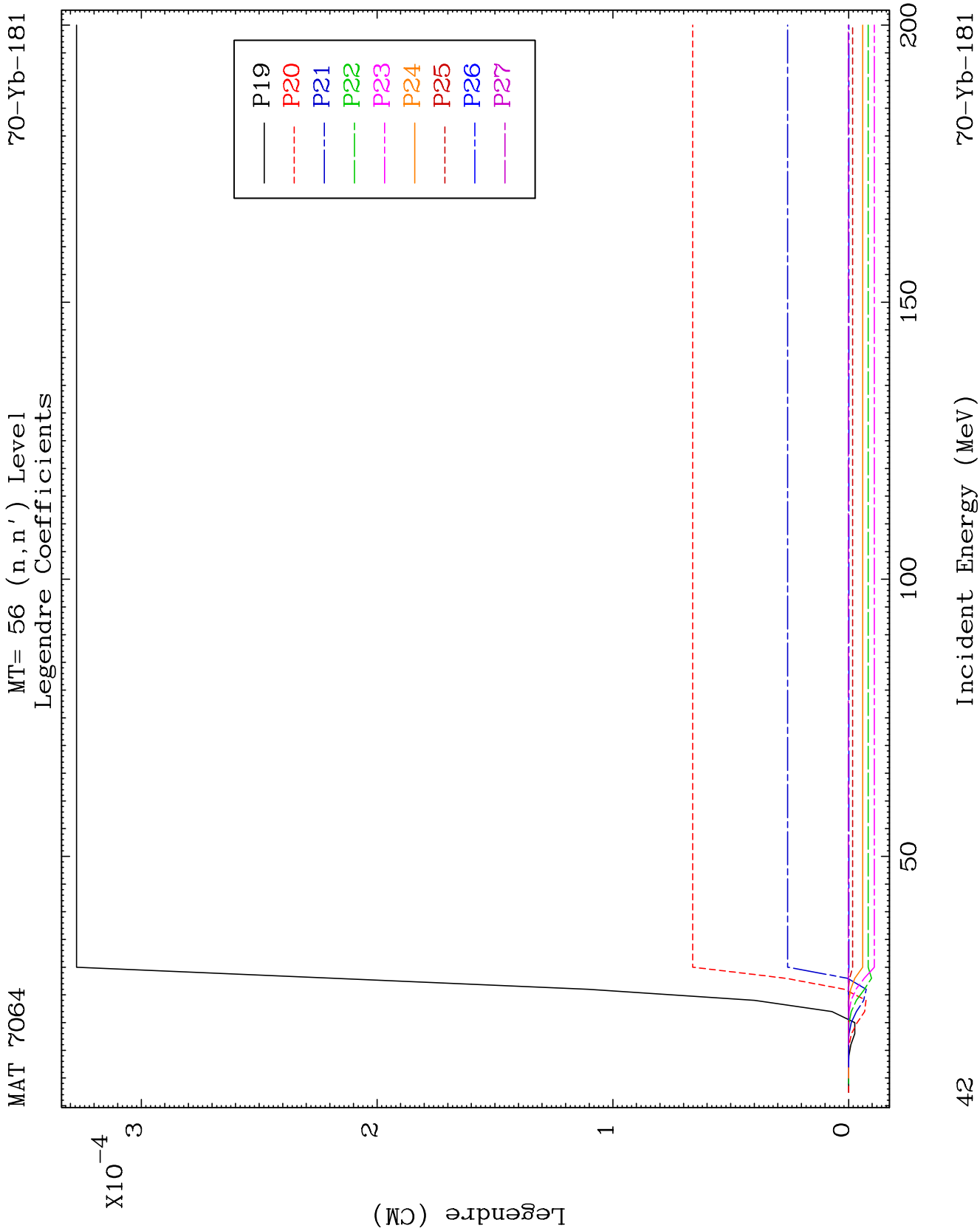


MAT 7064

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

70-Yb-181

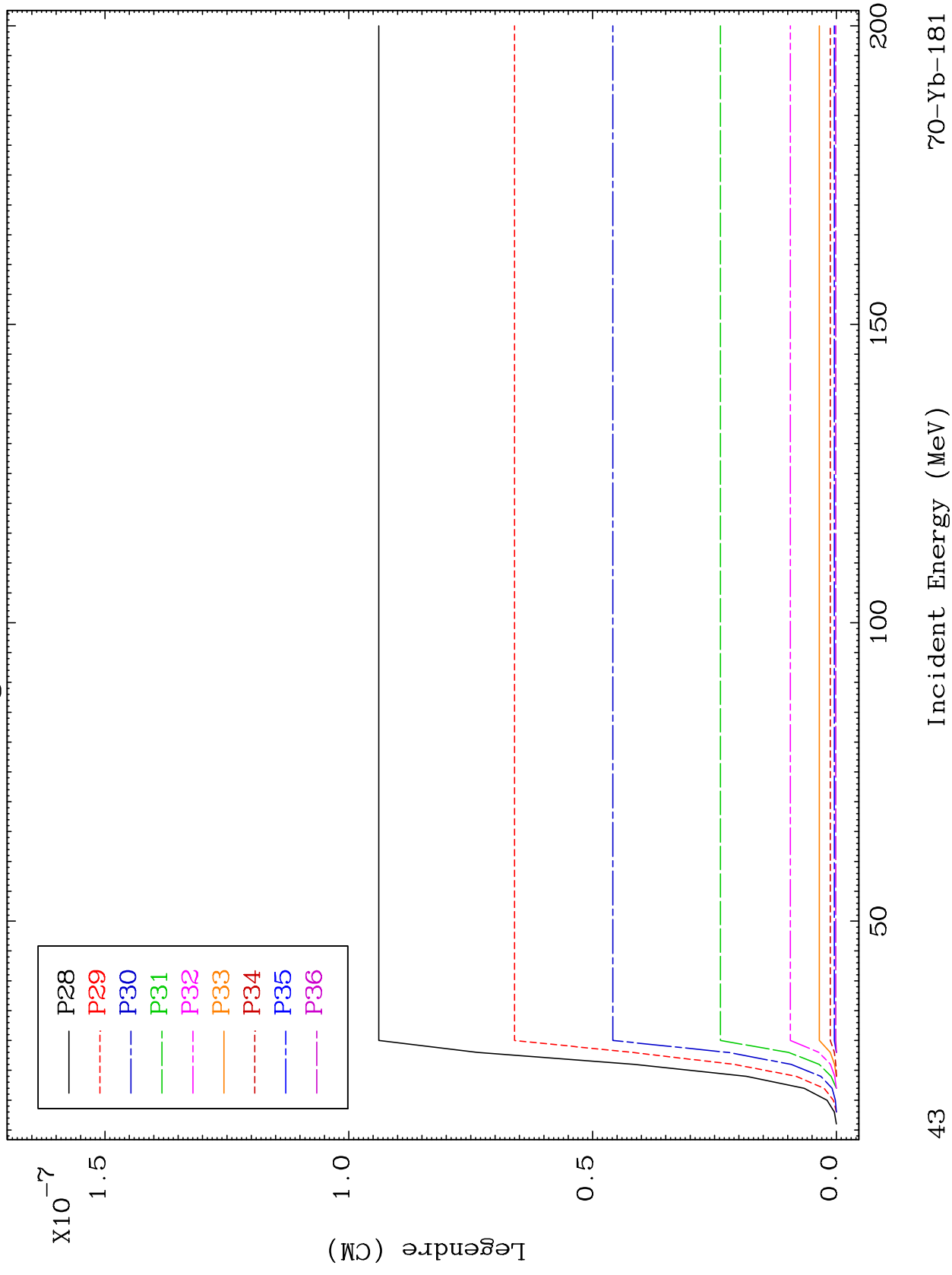




MAT 7064

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

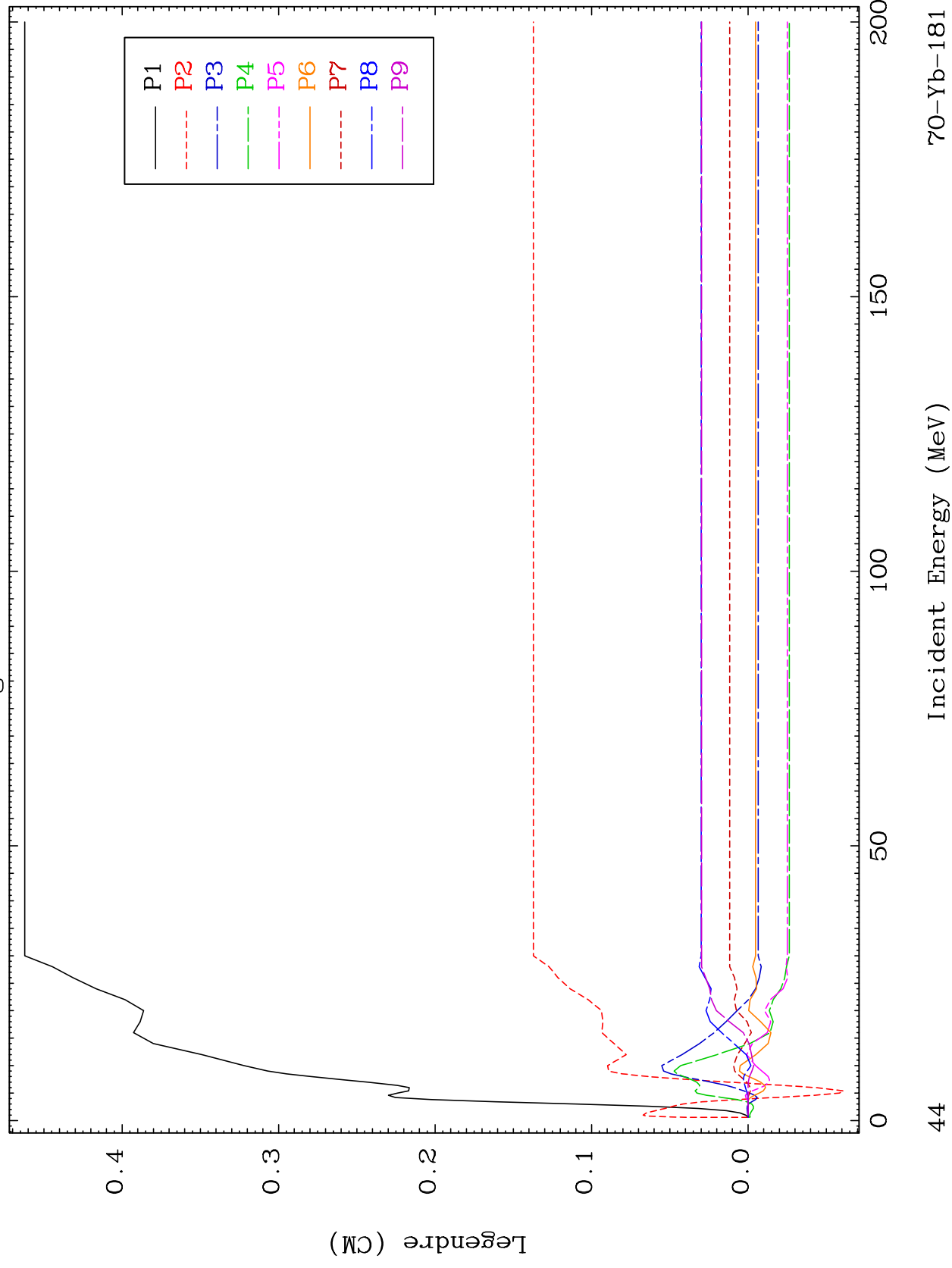
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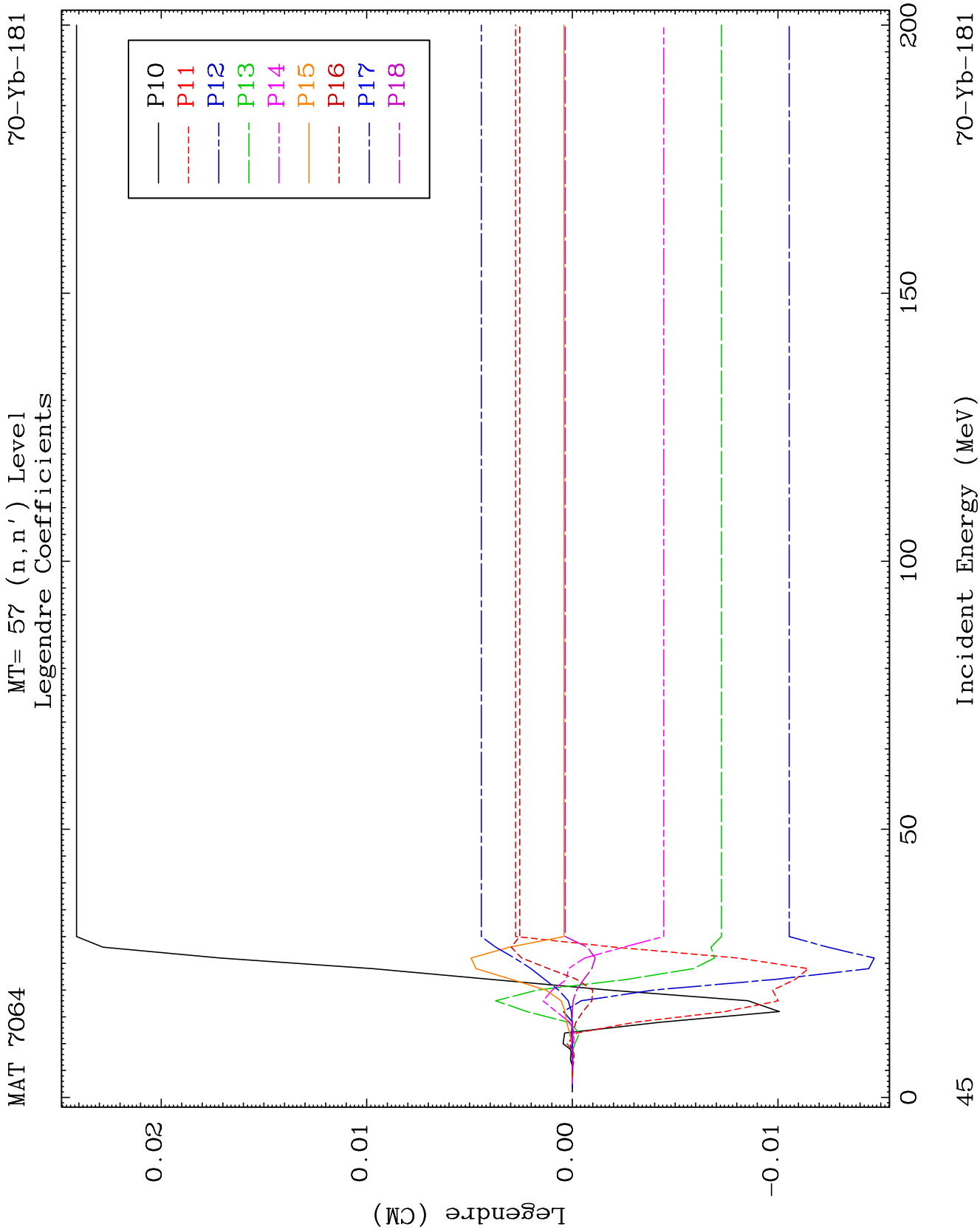


MAT 7064

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

70-Yb-181

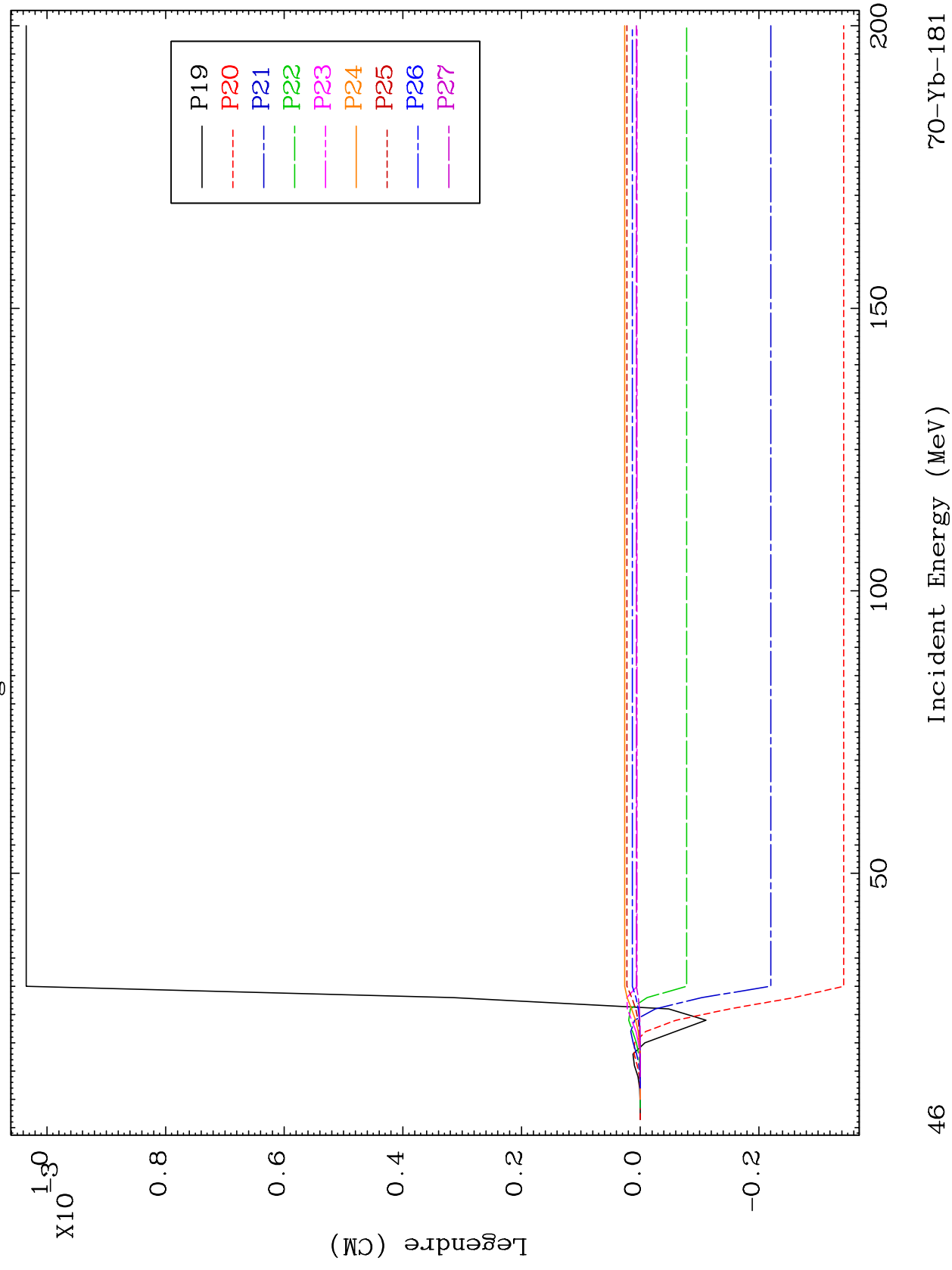


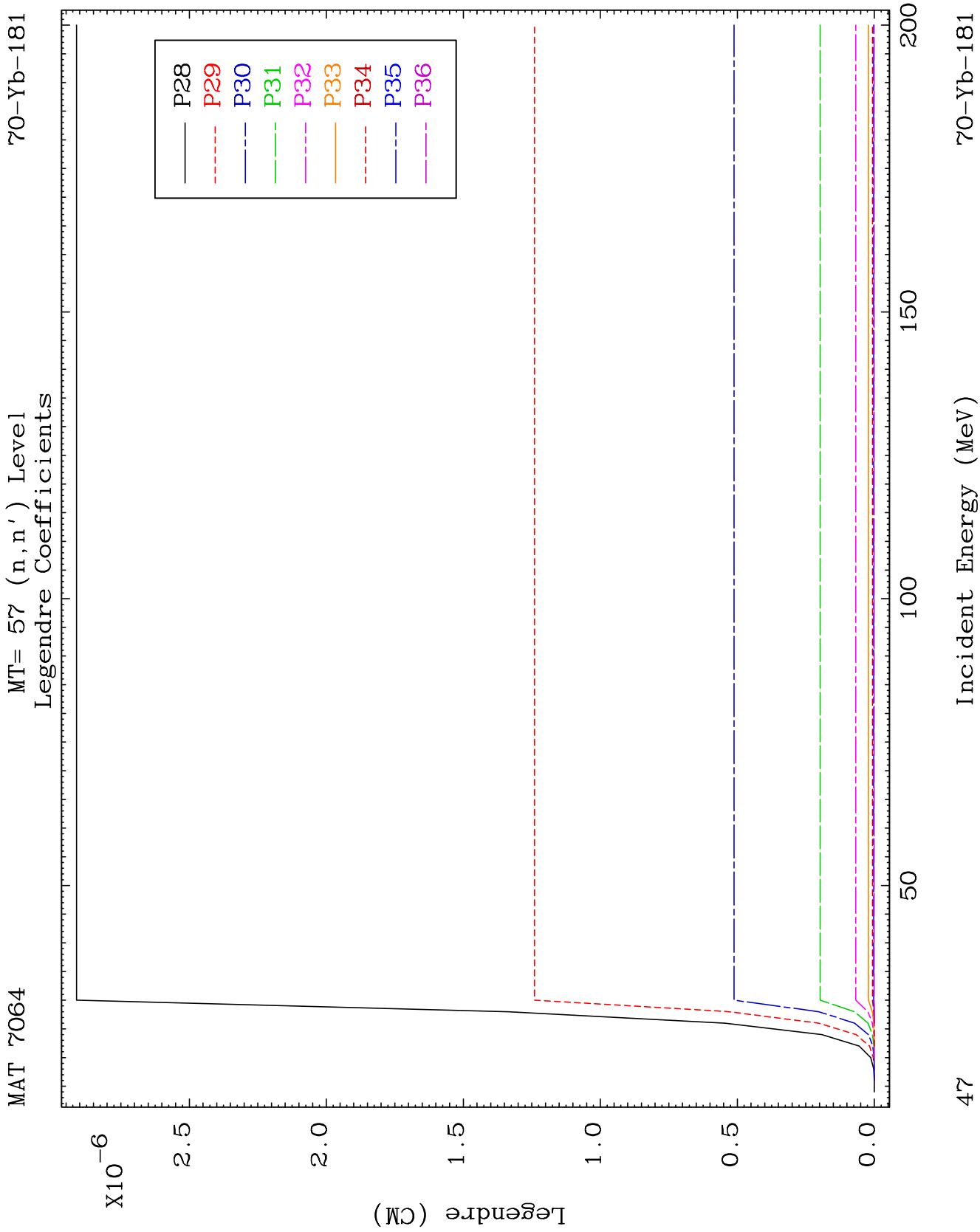


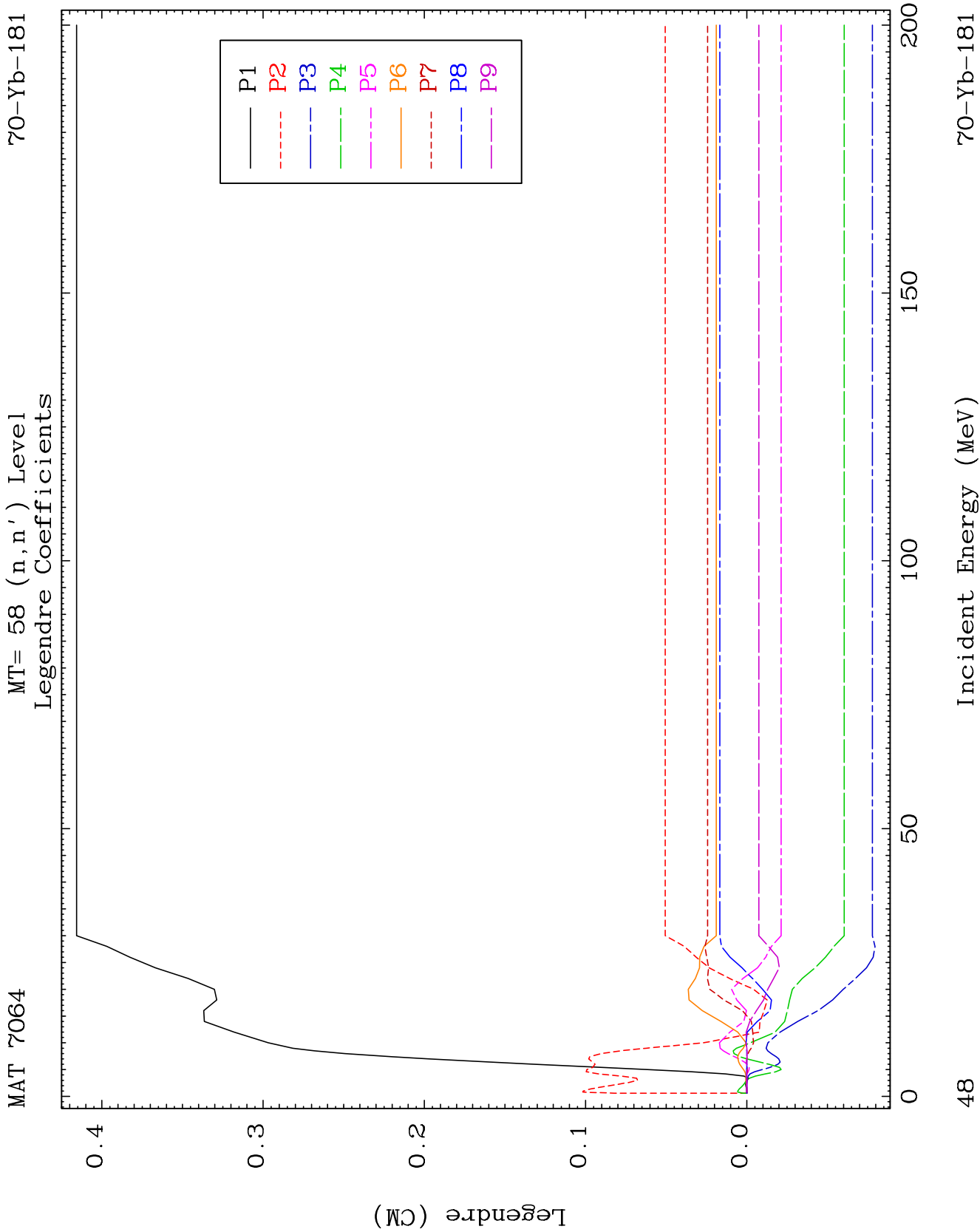
MAT 7064

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

70-Yb-181



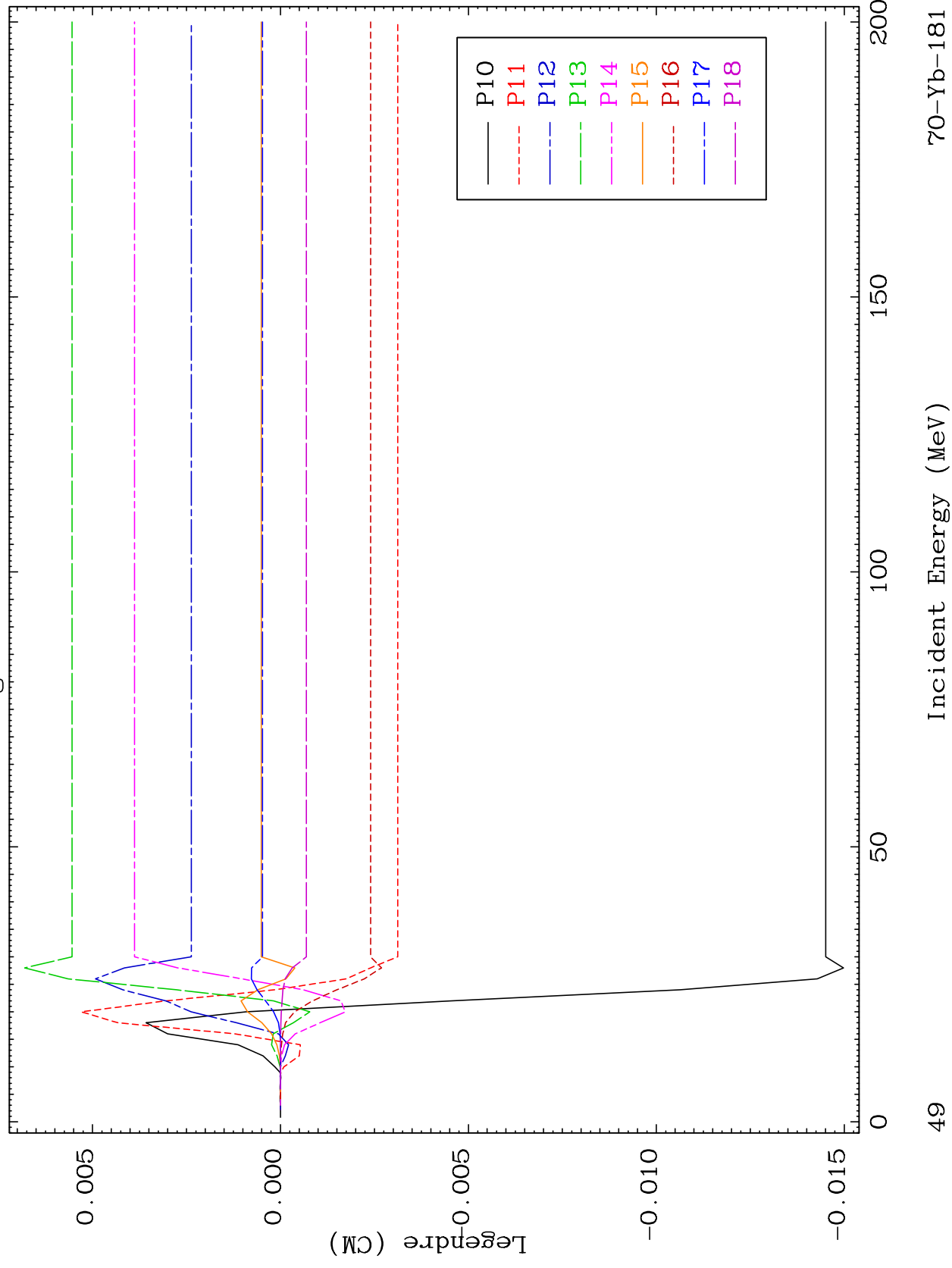


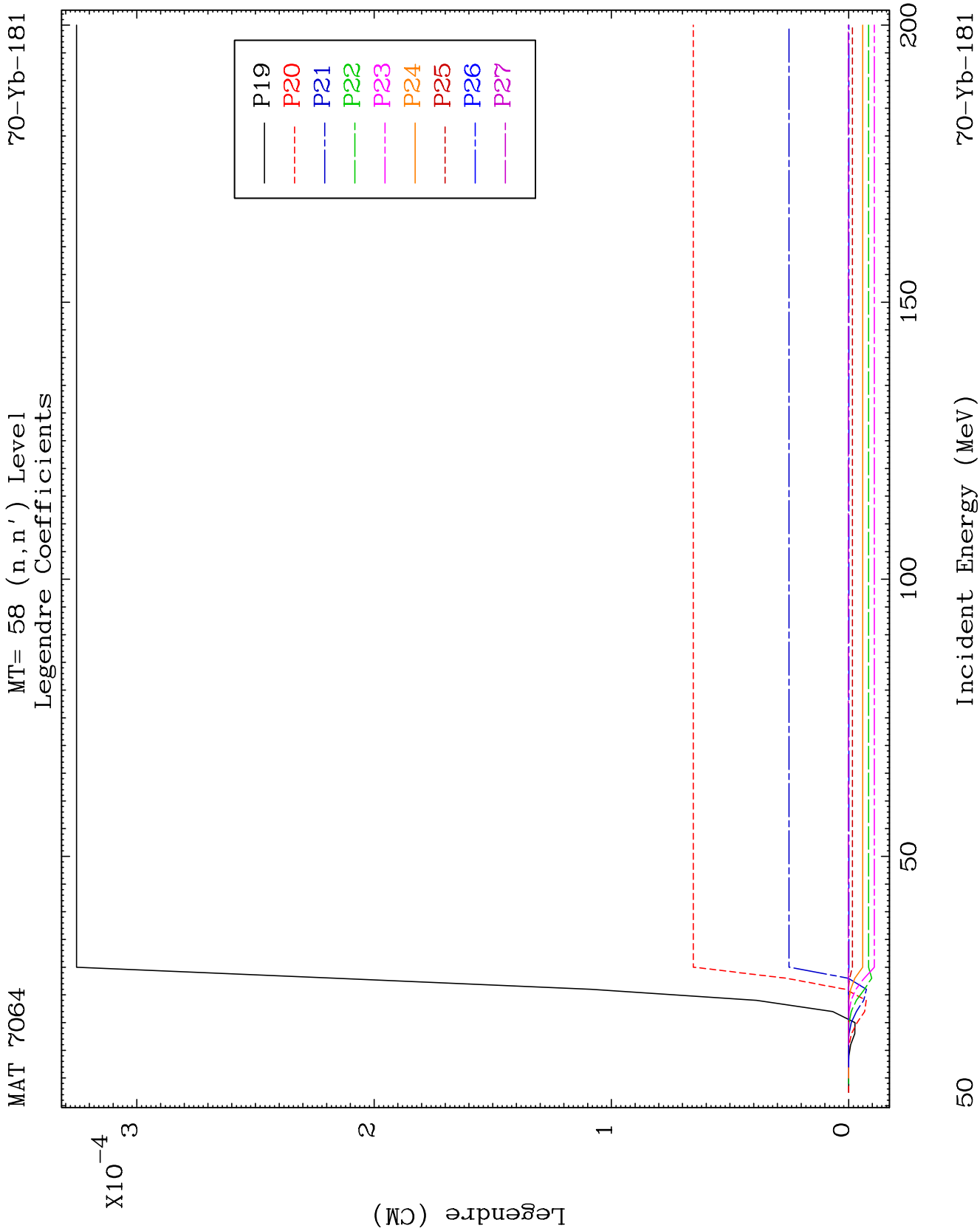


MAT 7064

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

70-Yb-181

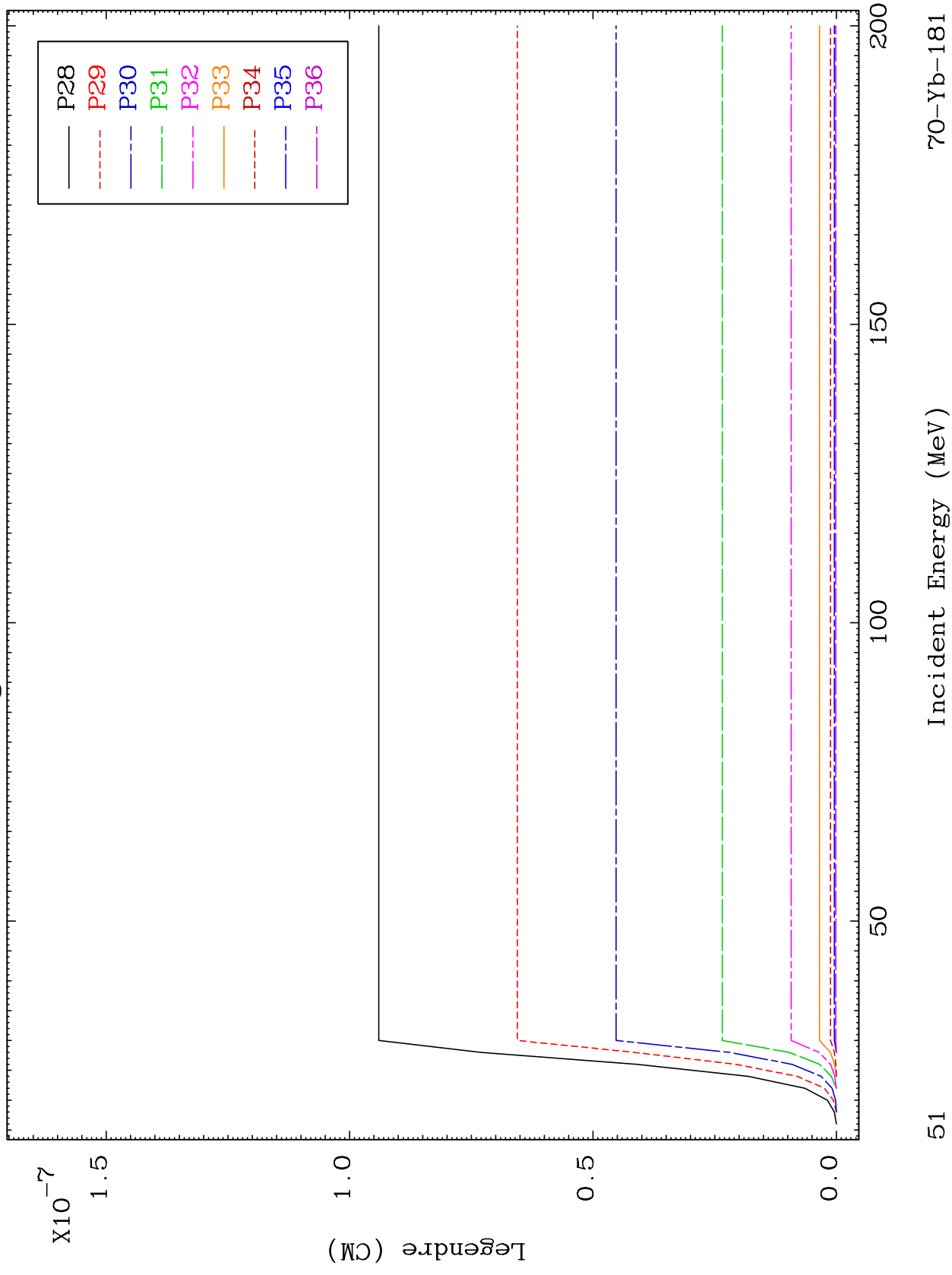




MAT 7064

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

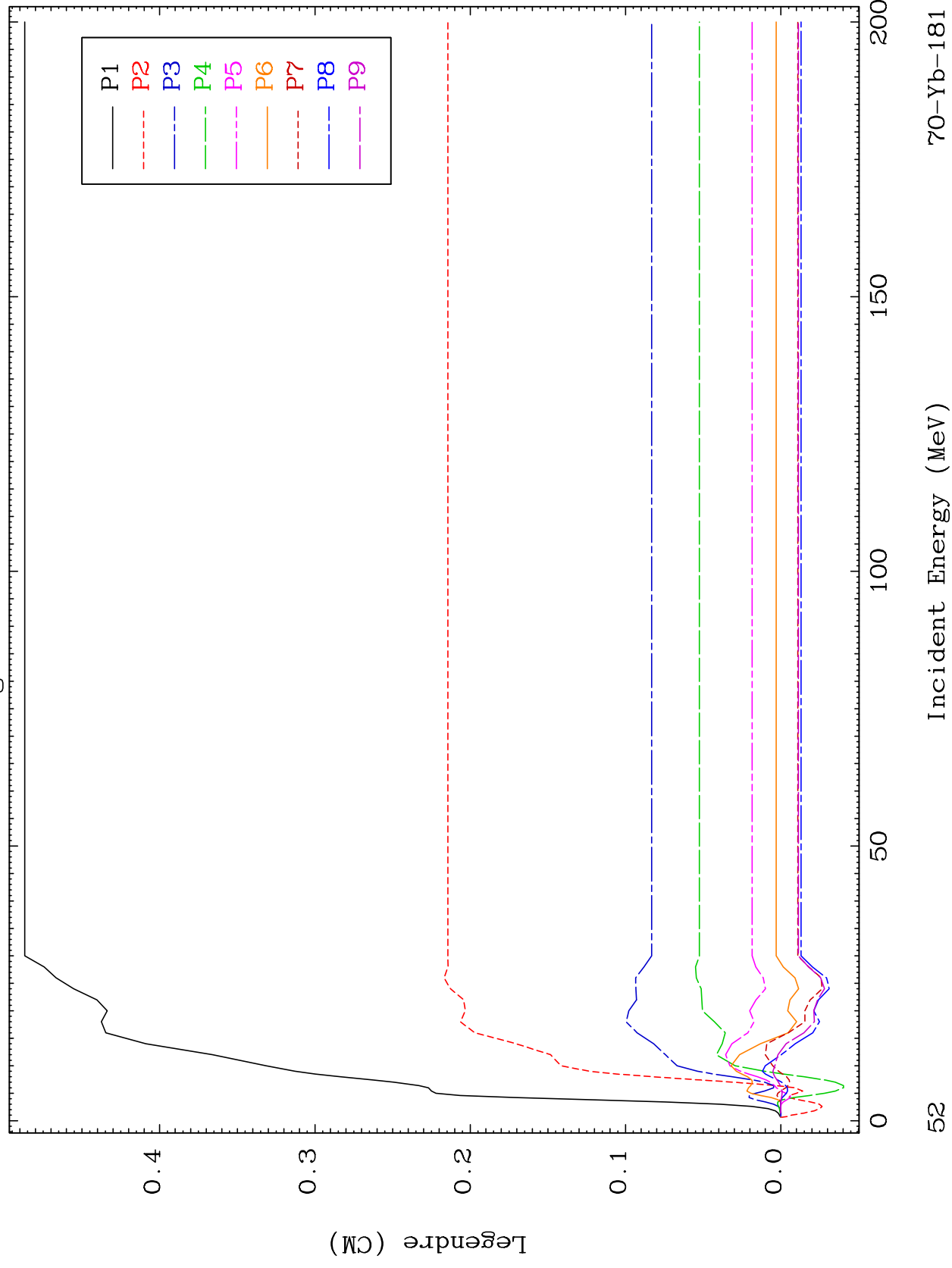
70-Yb-181



MAT 7064

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

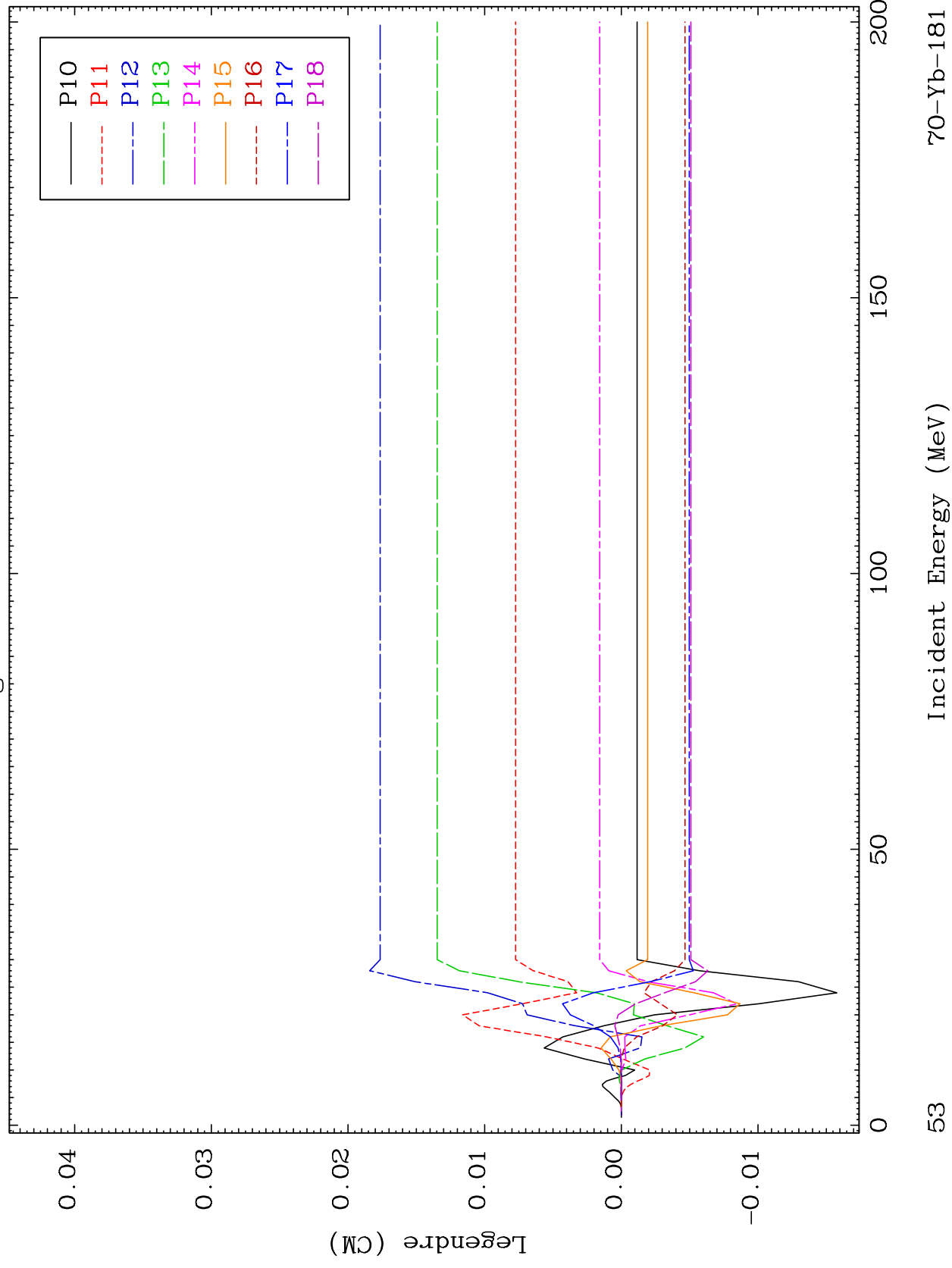
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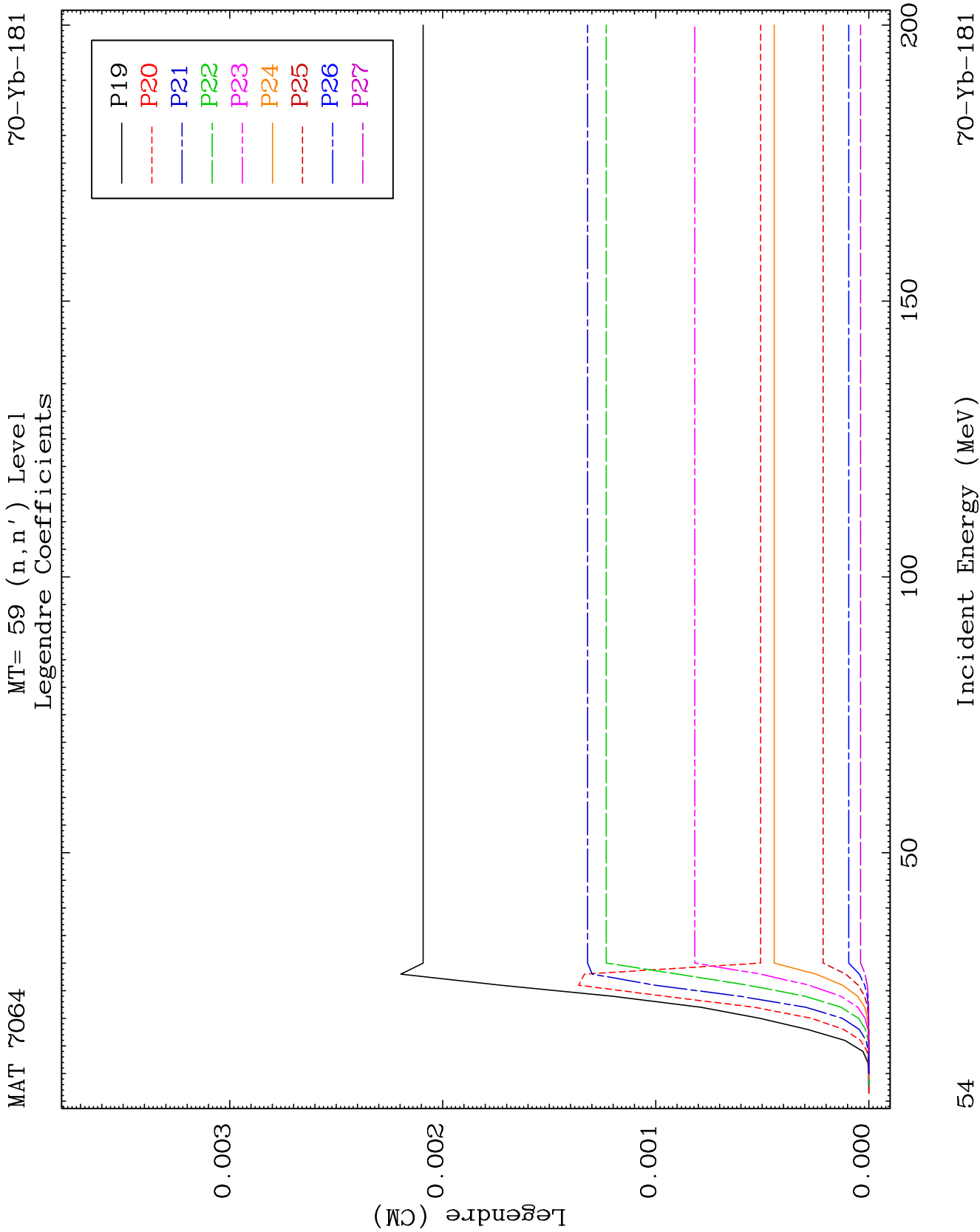


MAT 7064

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

70-Yb-181

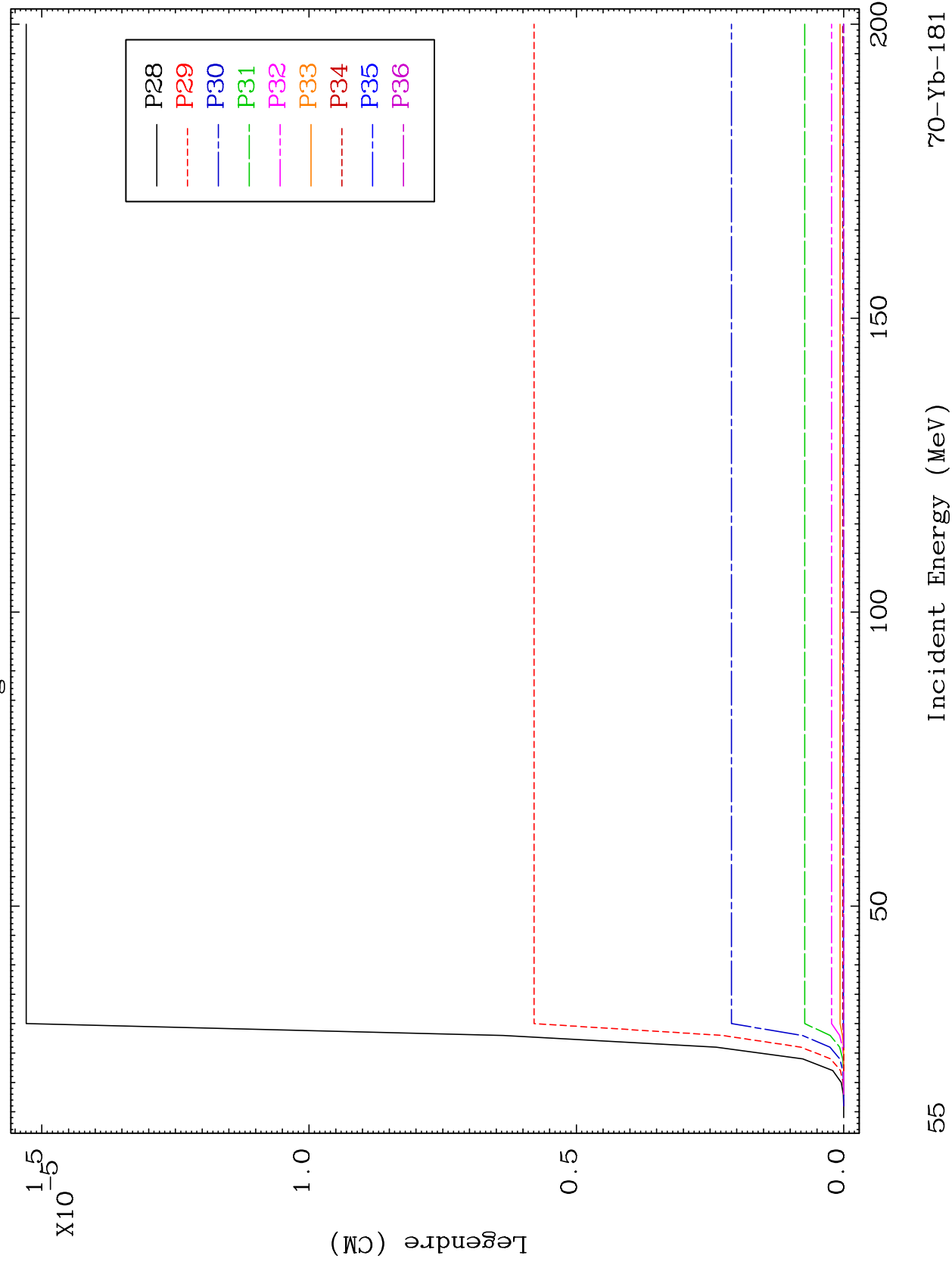




MAT 7064

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

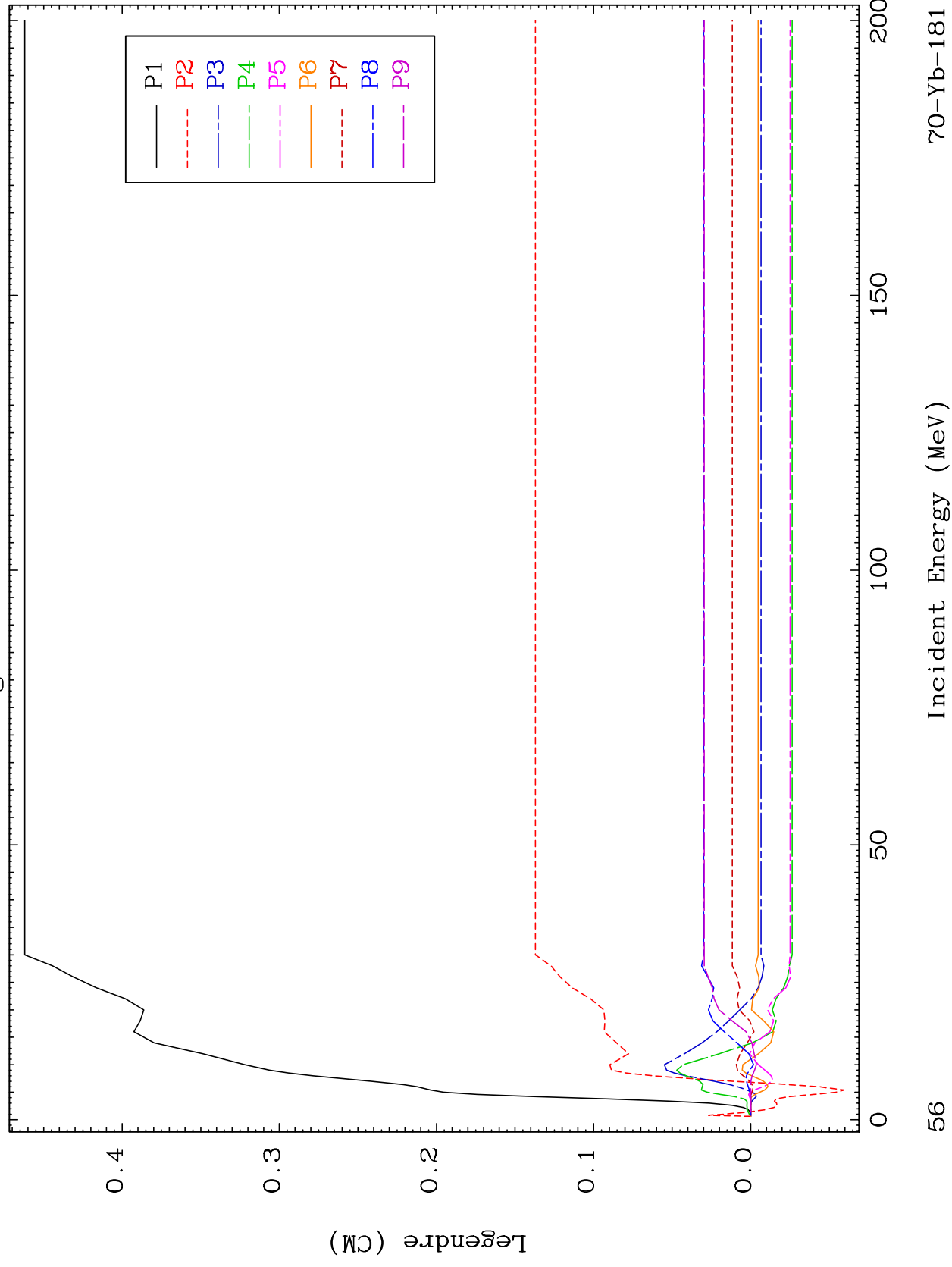
70-Yb-181



MAT 7064

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

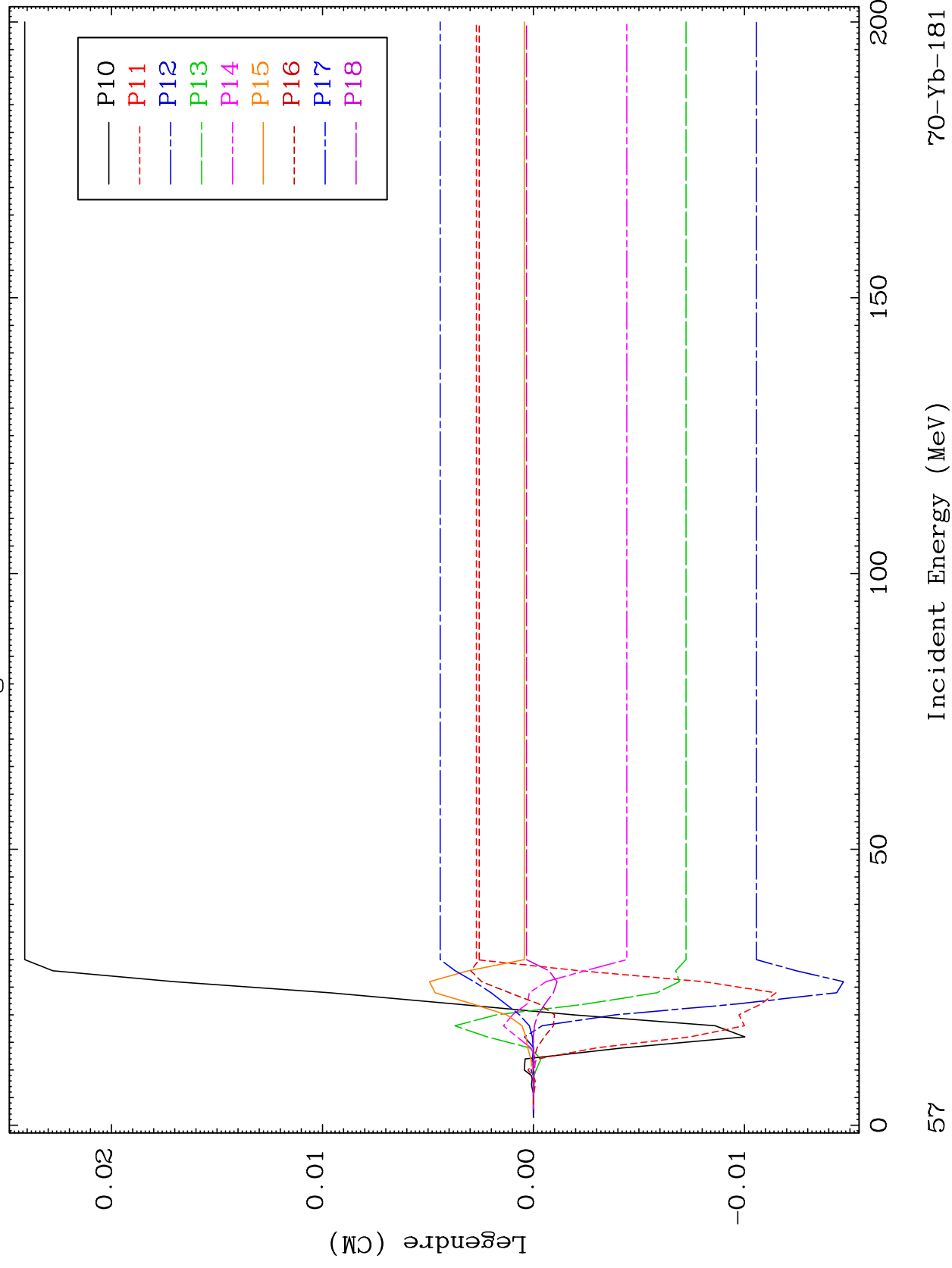
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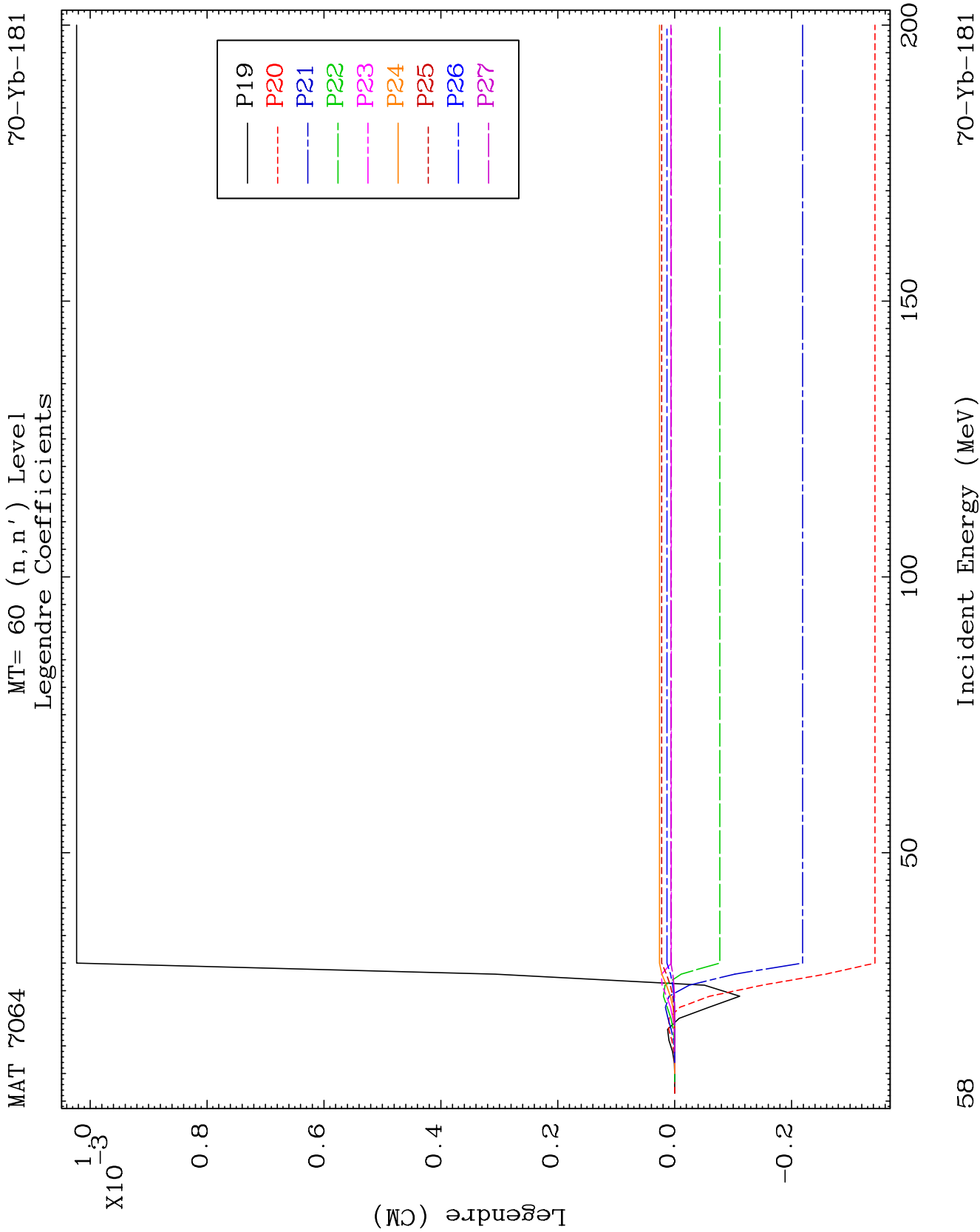


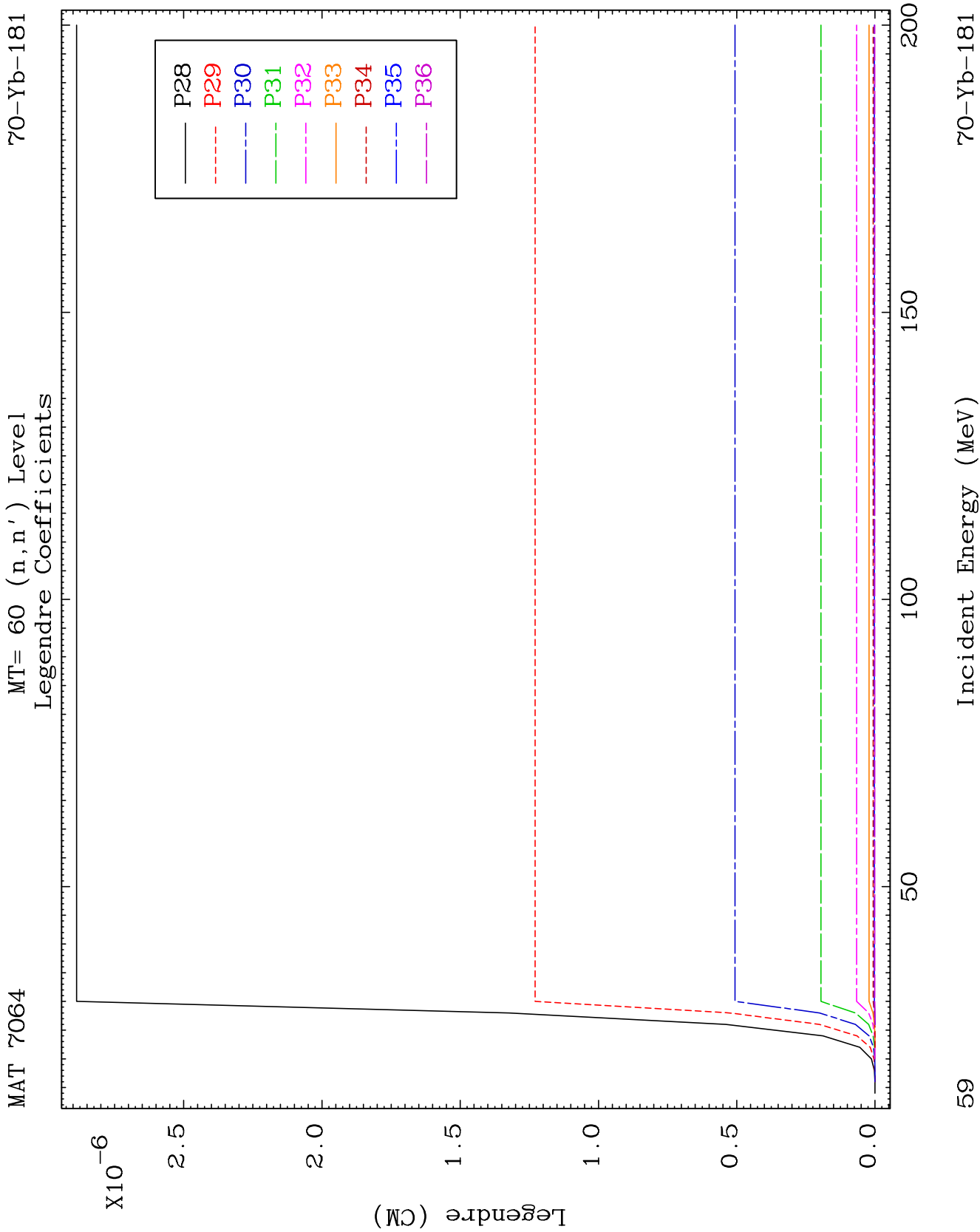
MAT 7064

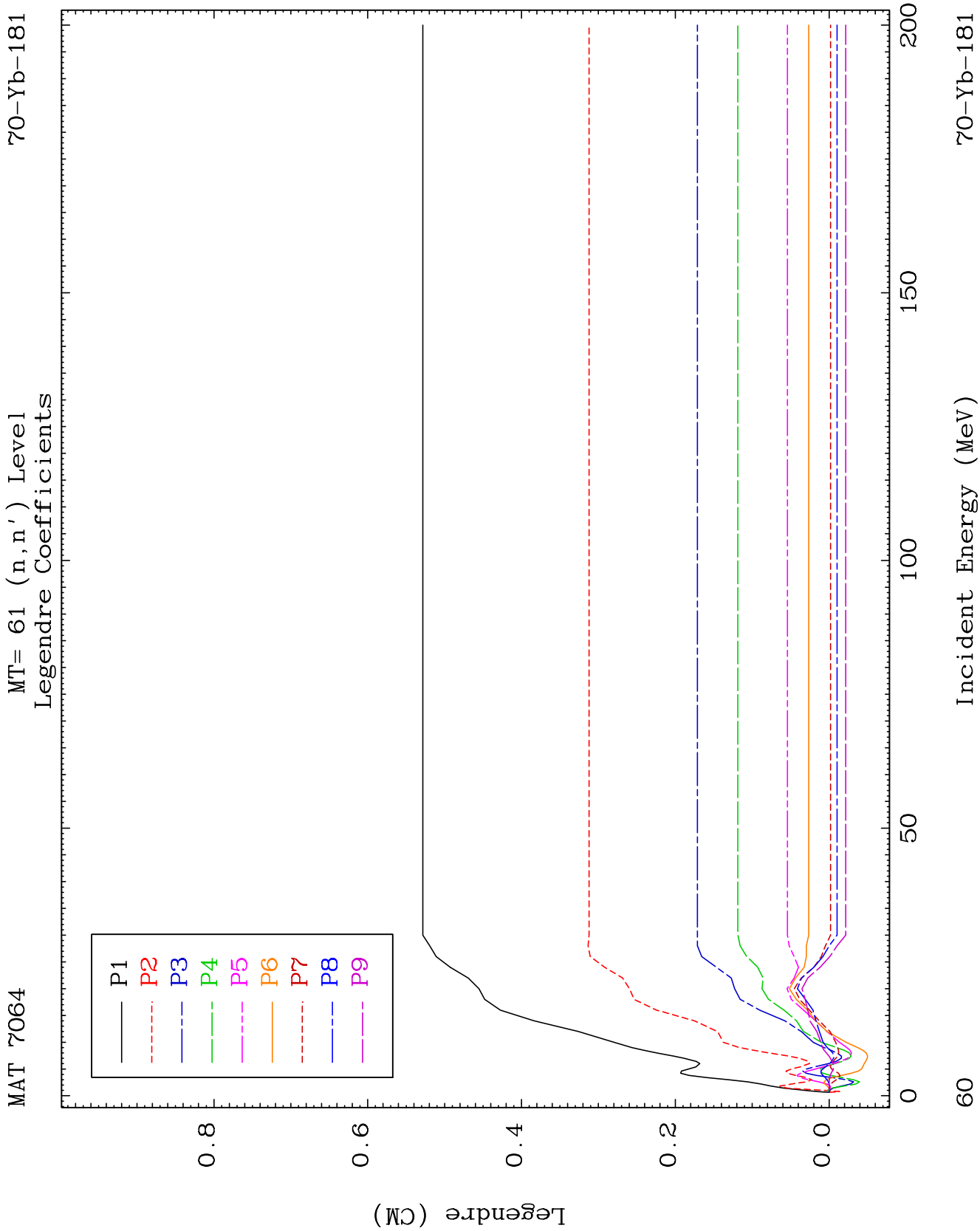
MT= 60 (n, n') Level
Legendre Coefficients

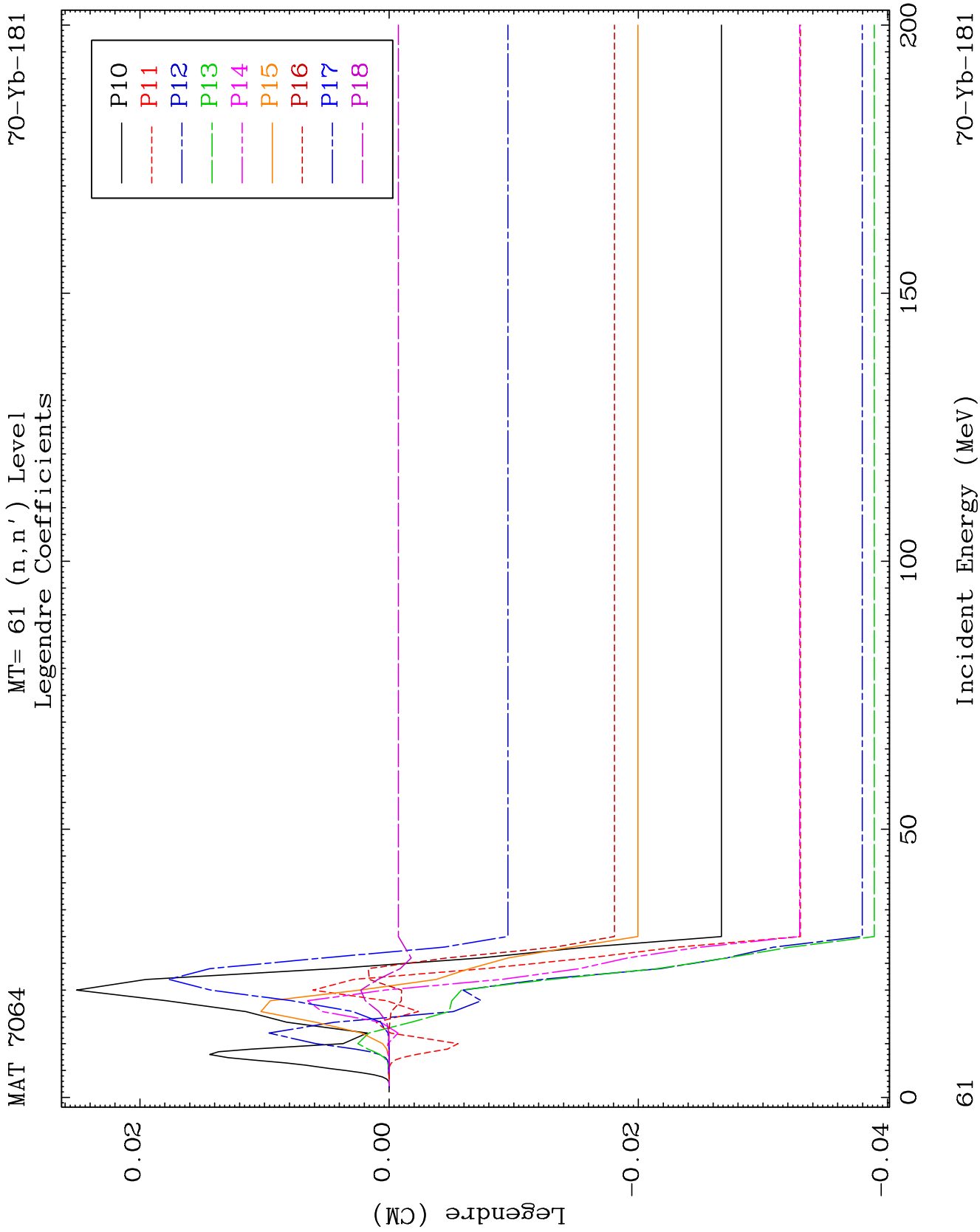
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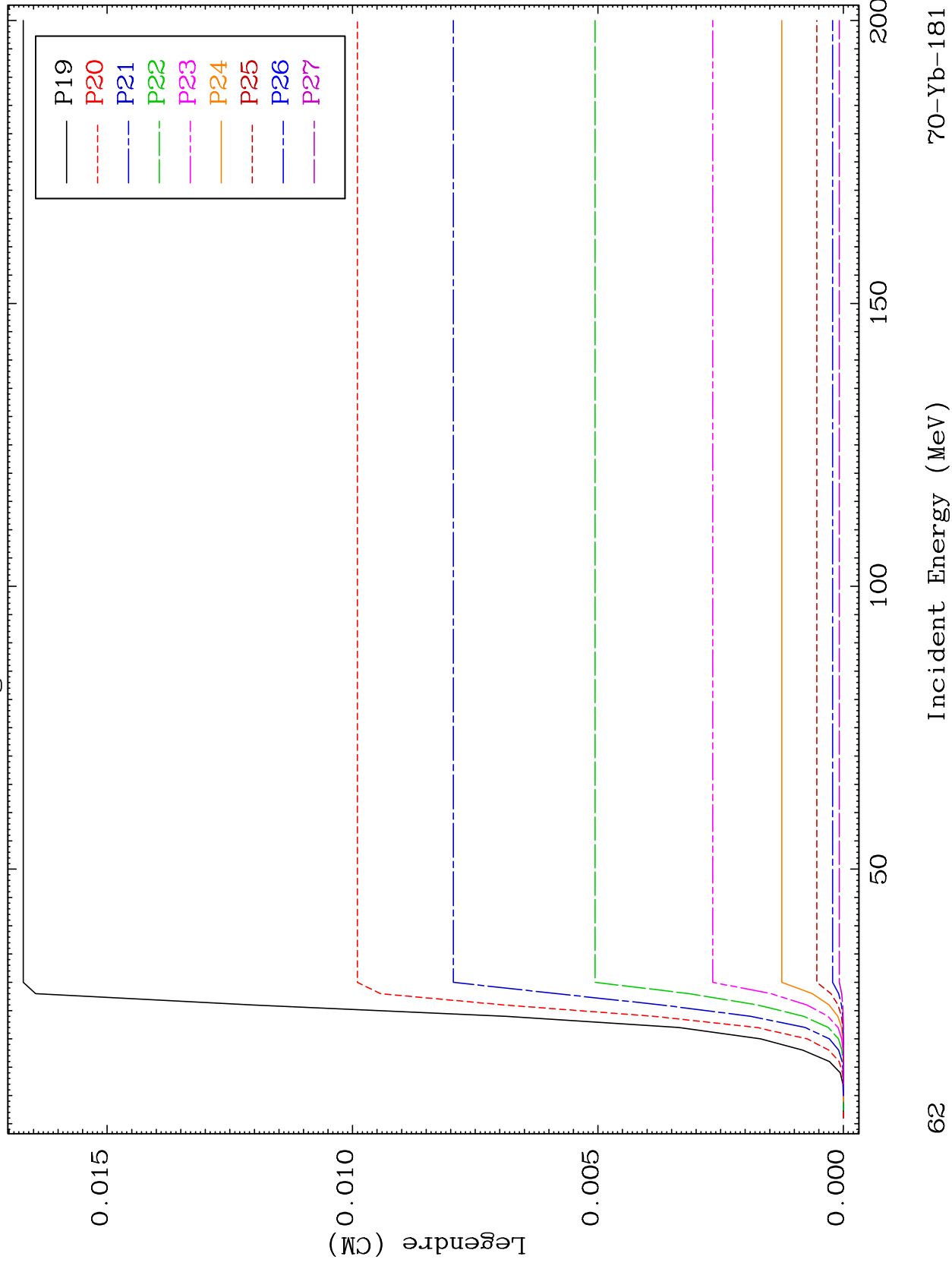


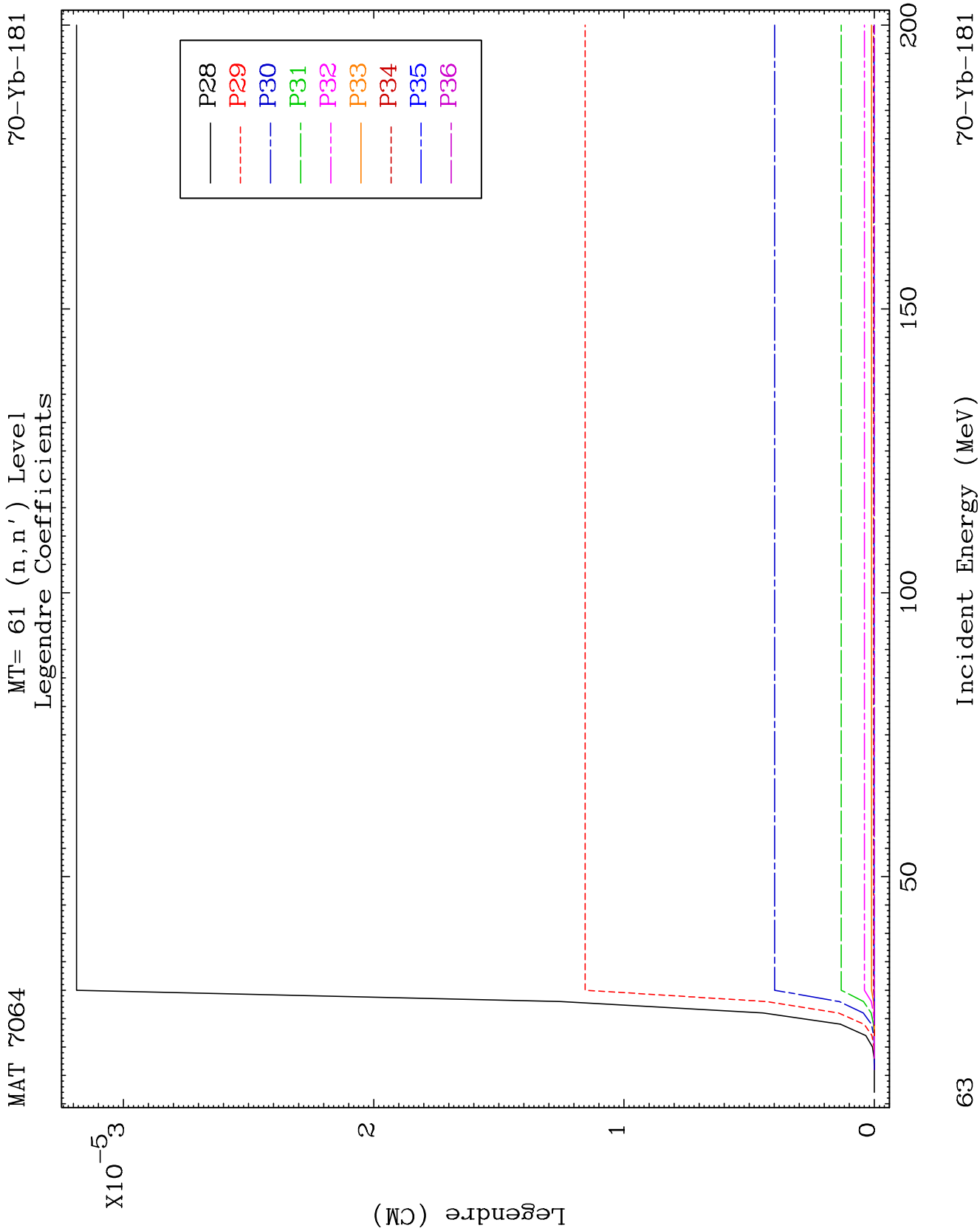
MAT 7064

MT= 61 (n, n') Level

70-Yb-181

Legendre Coefficients

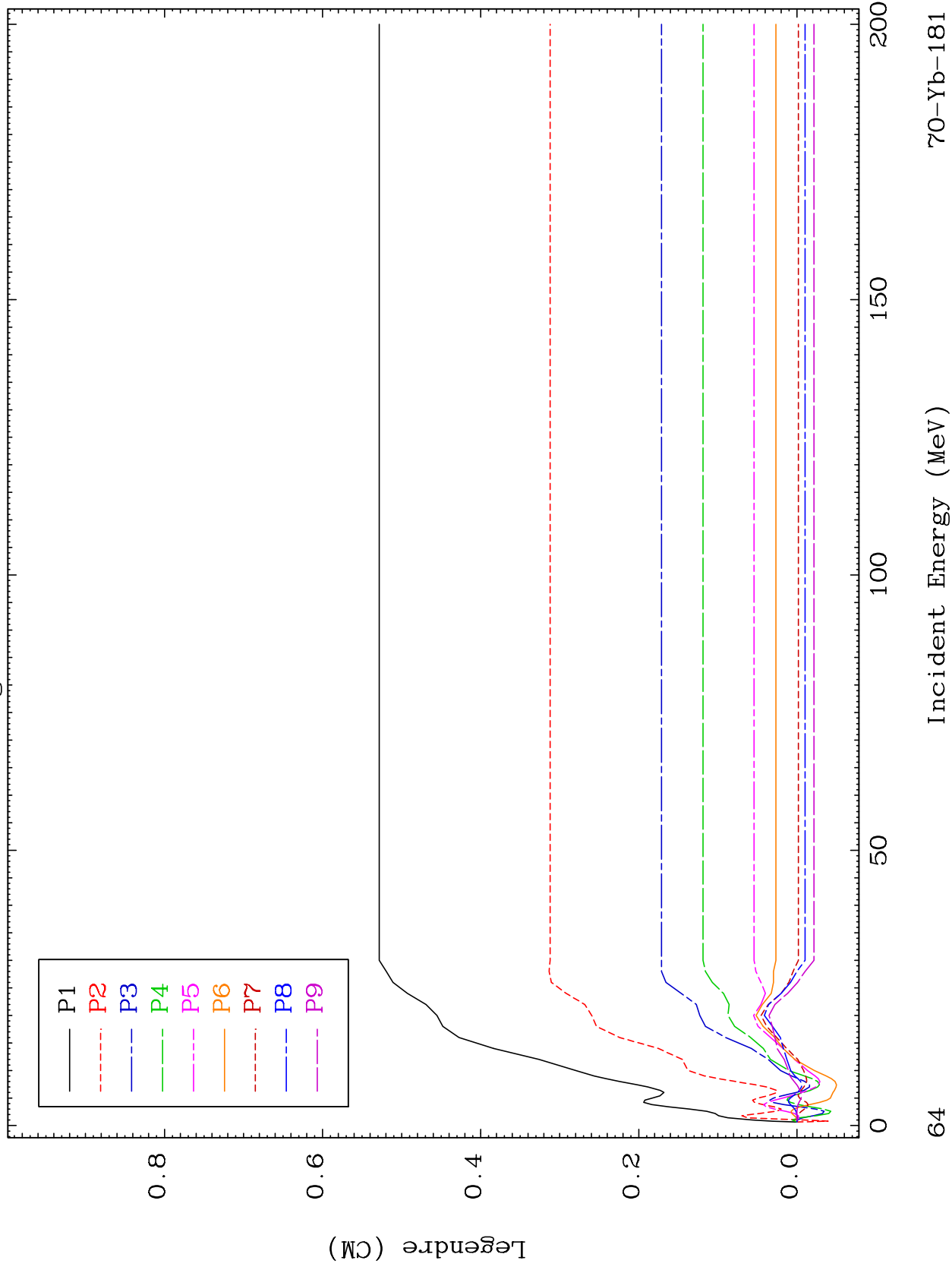


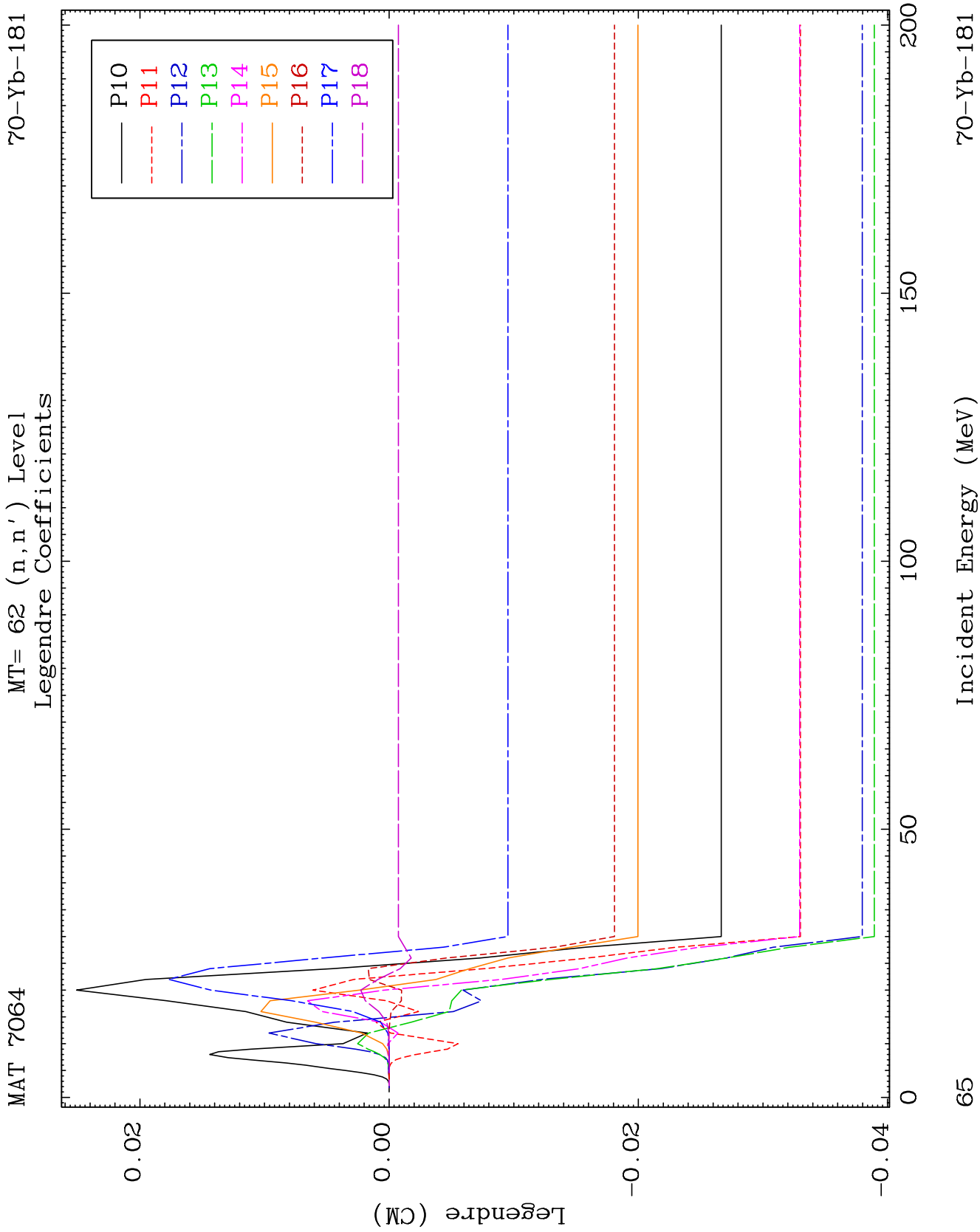


MAT 7064

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

70-Yb-181

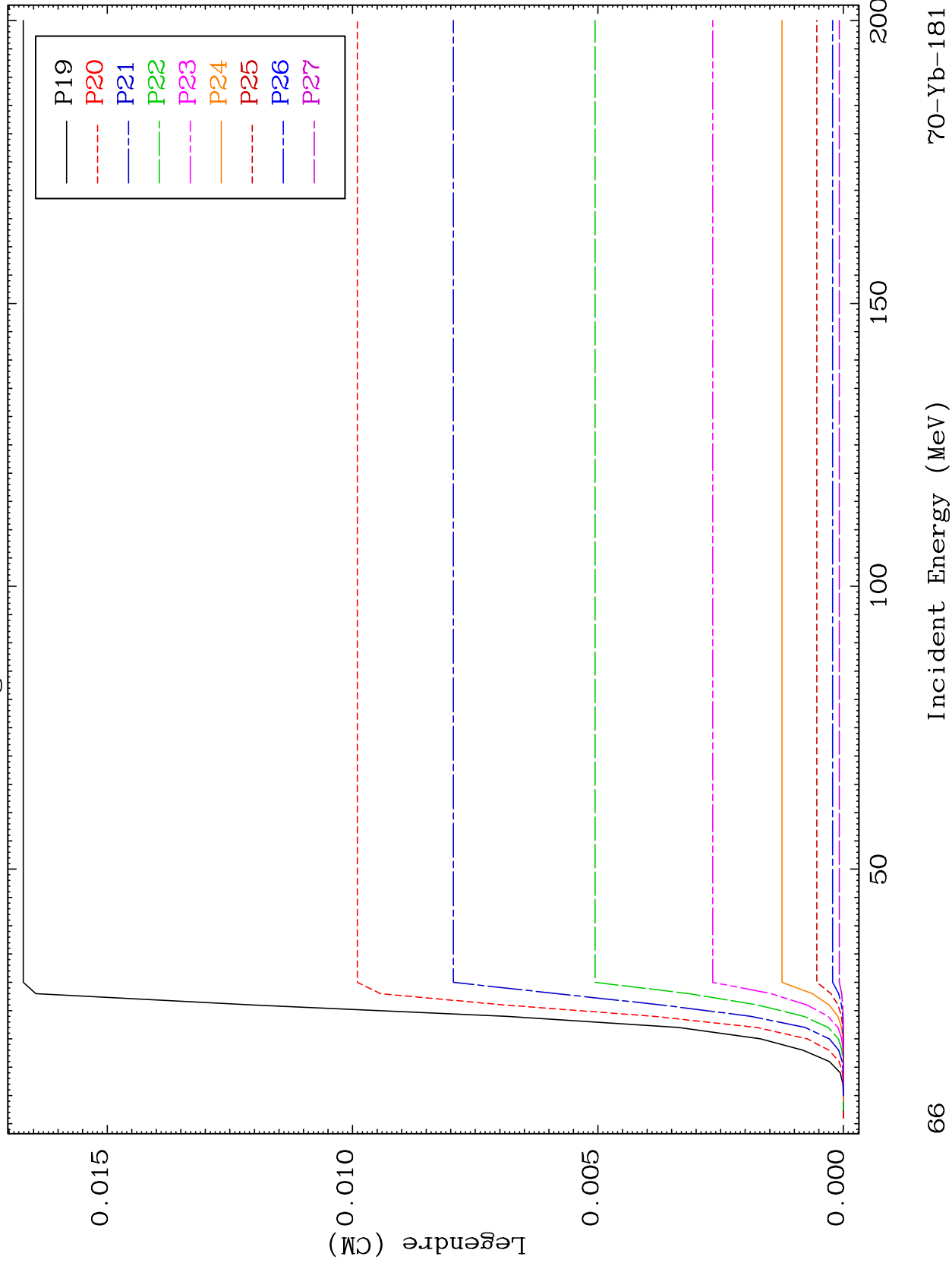




MAT 7064

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

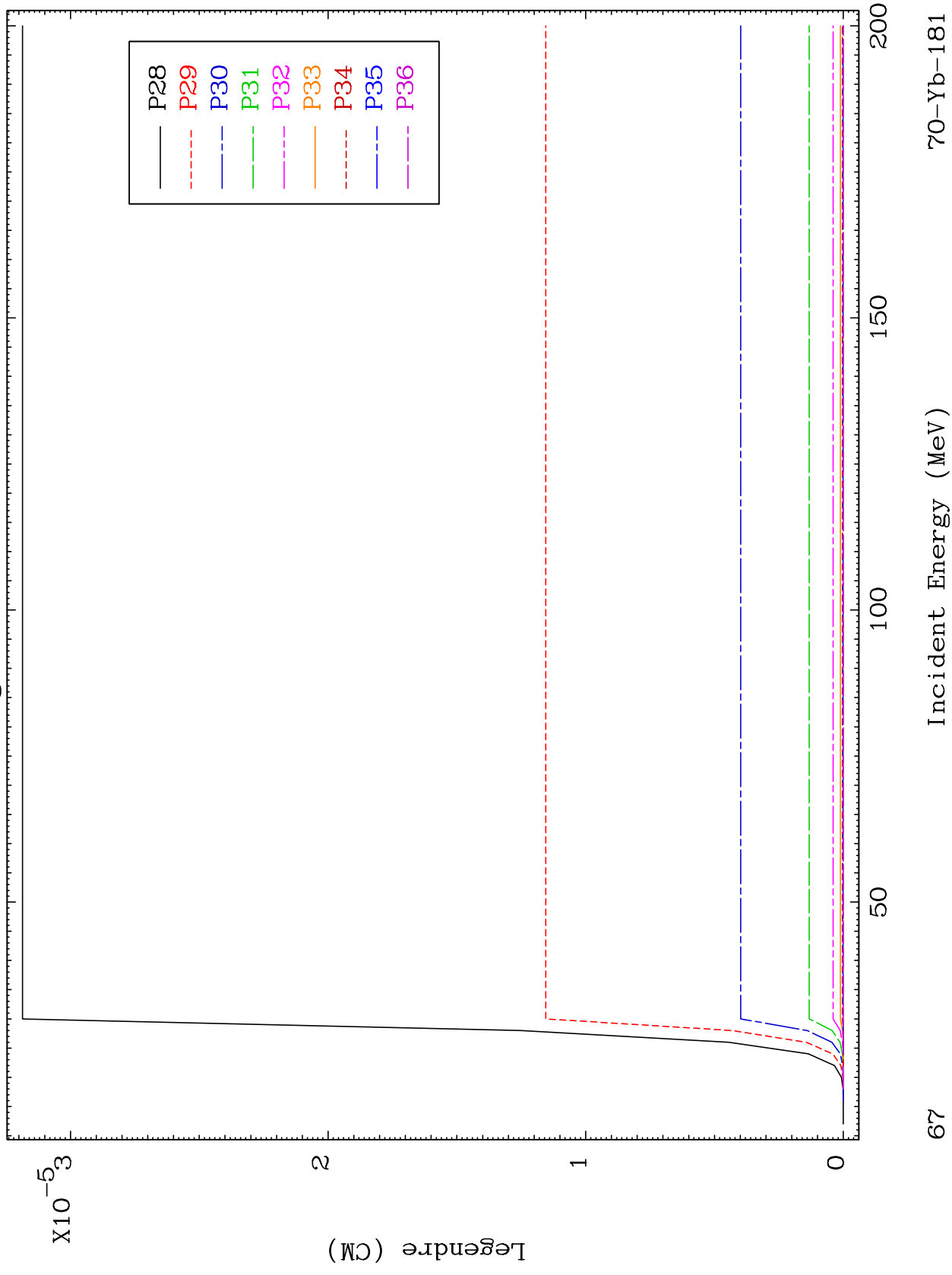
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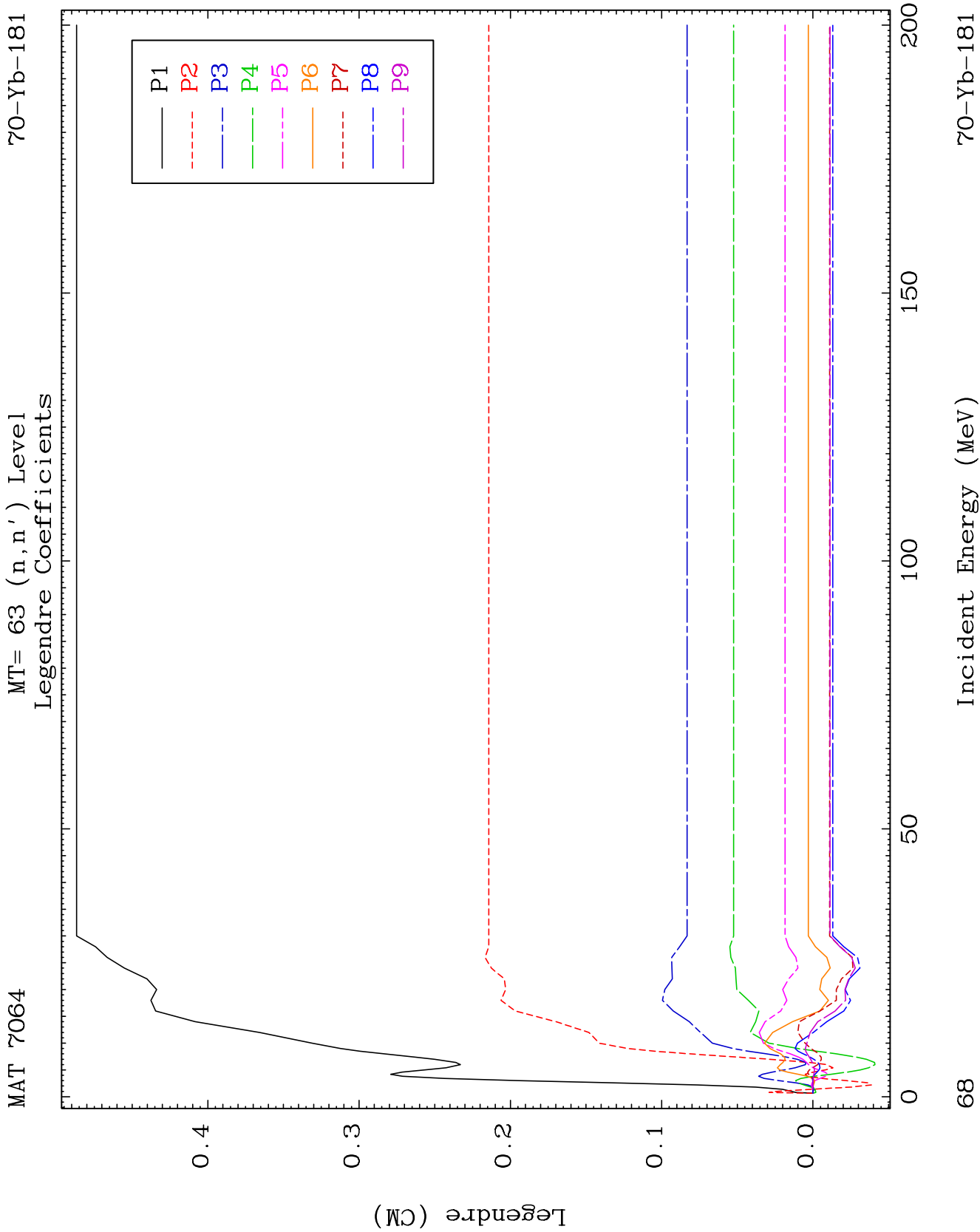


MAT 7064

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

70-Yb-181

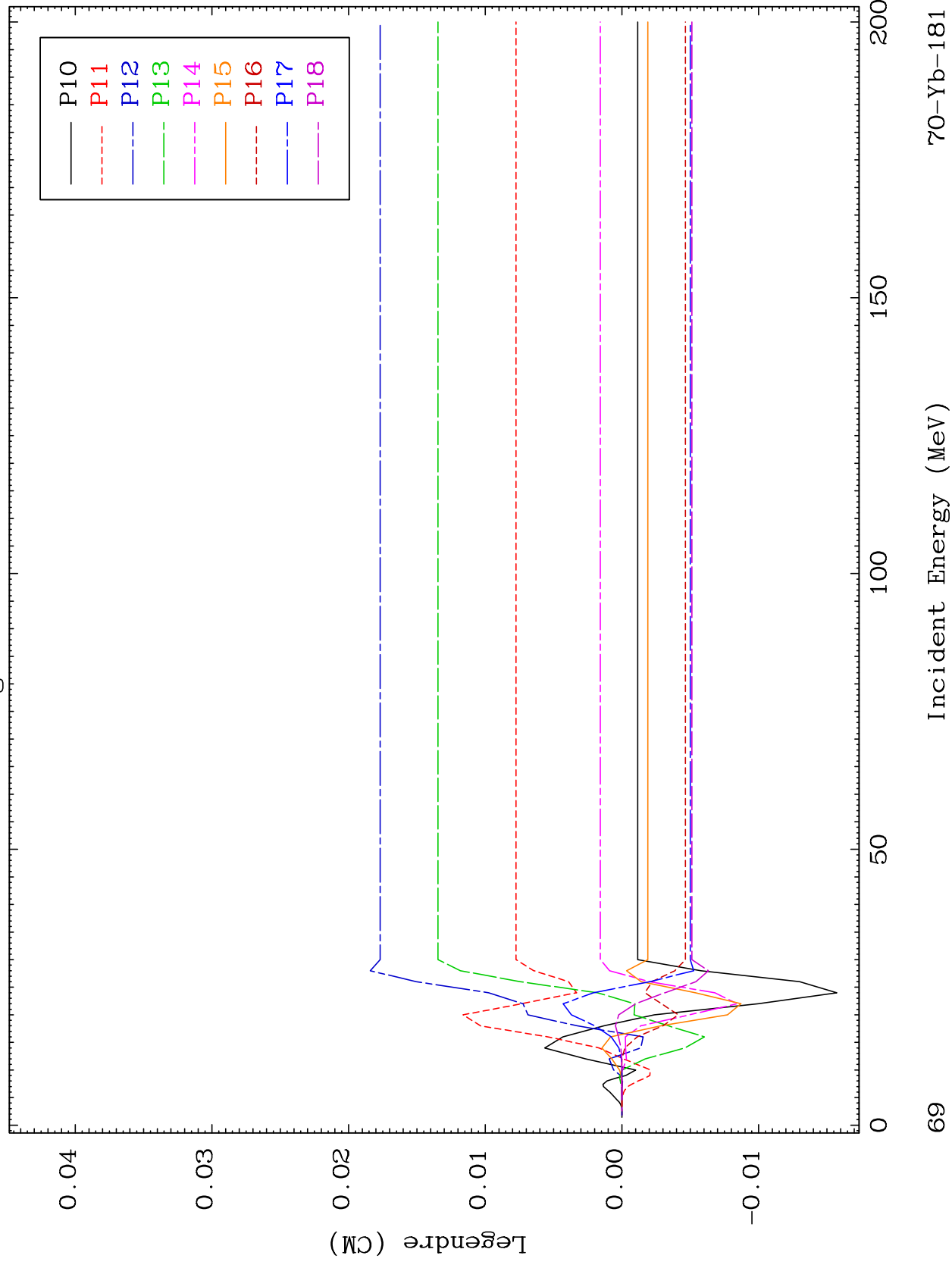


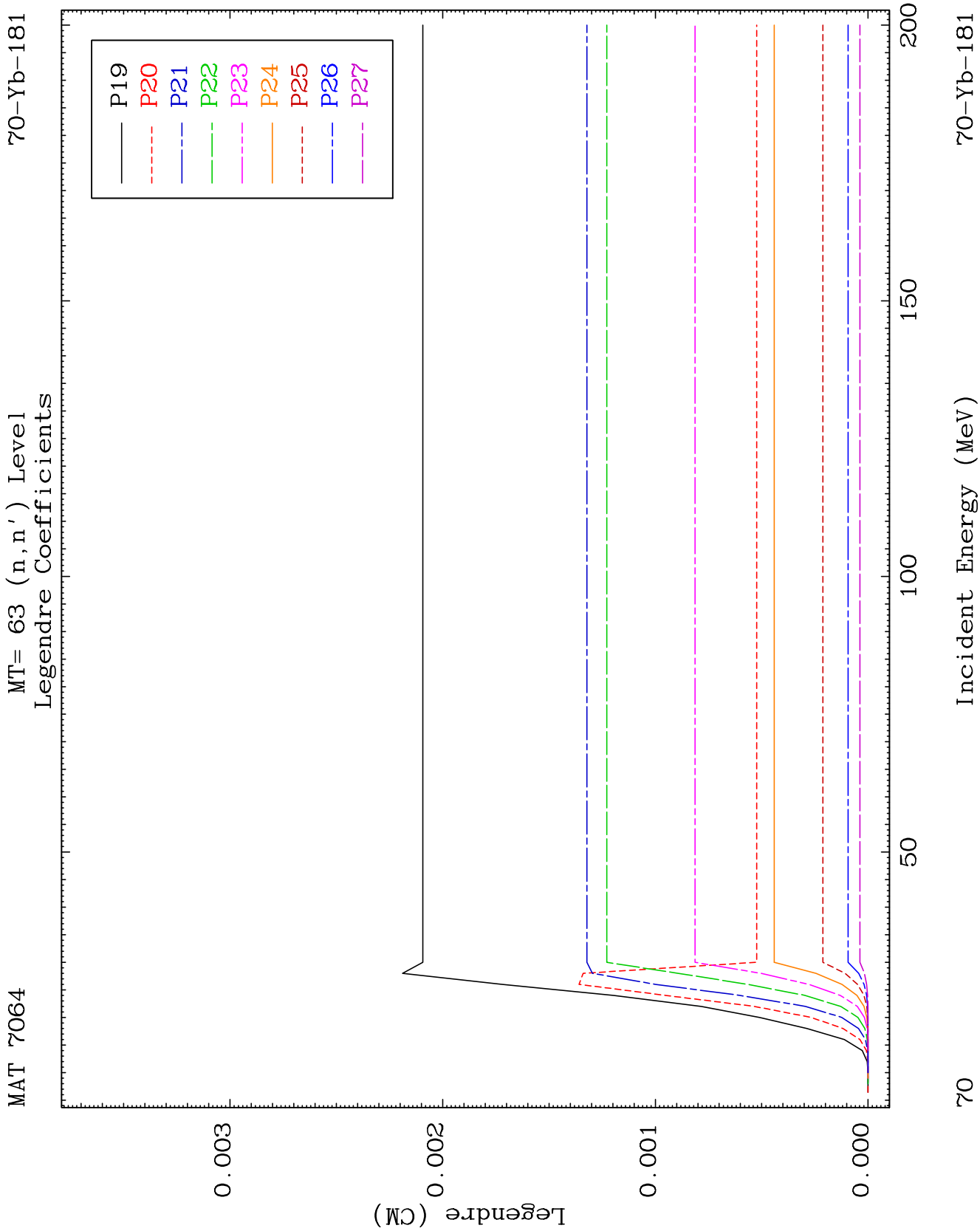


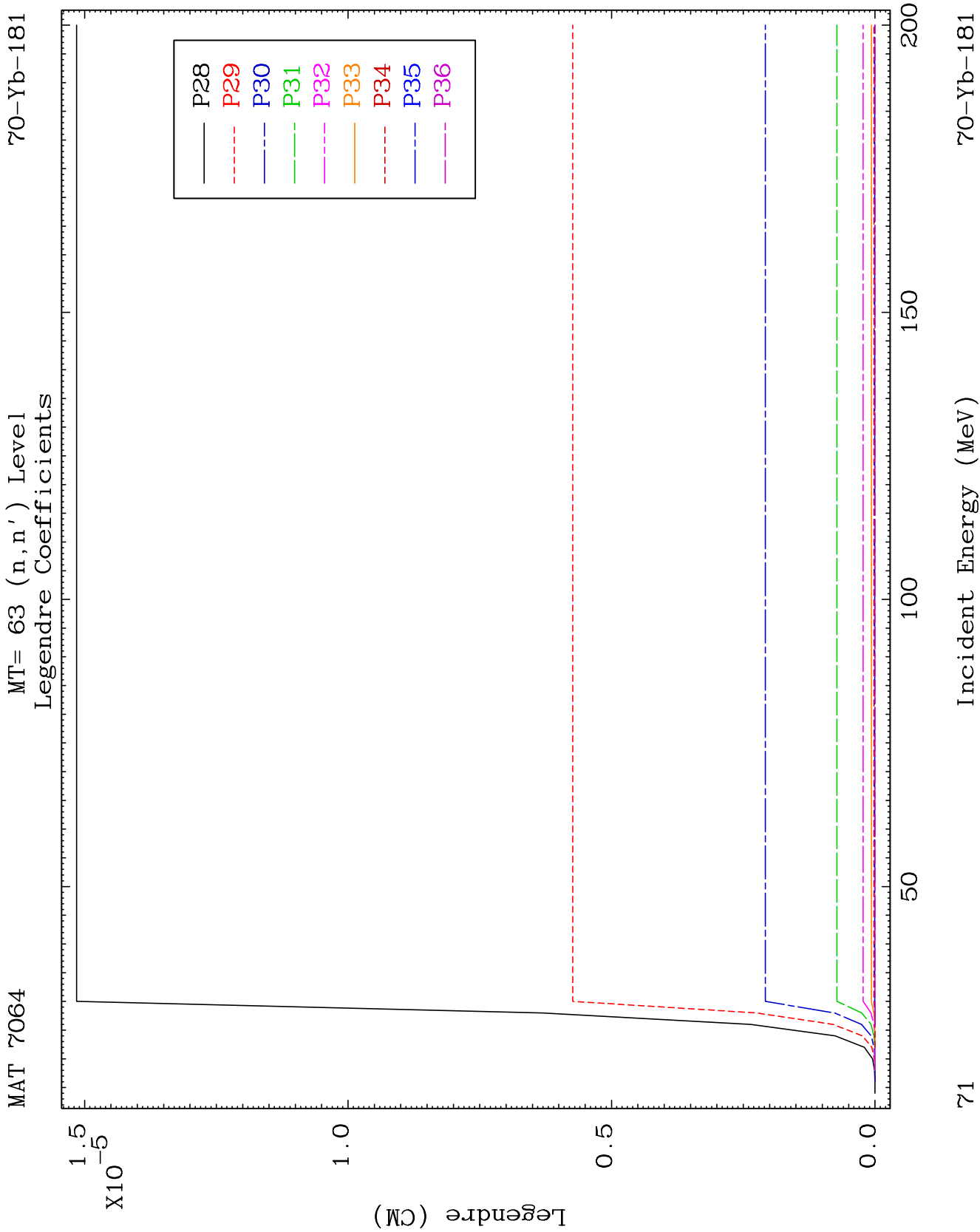
MAT 7064

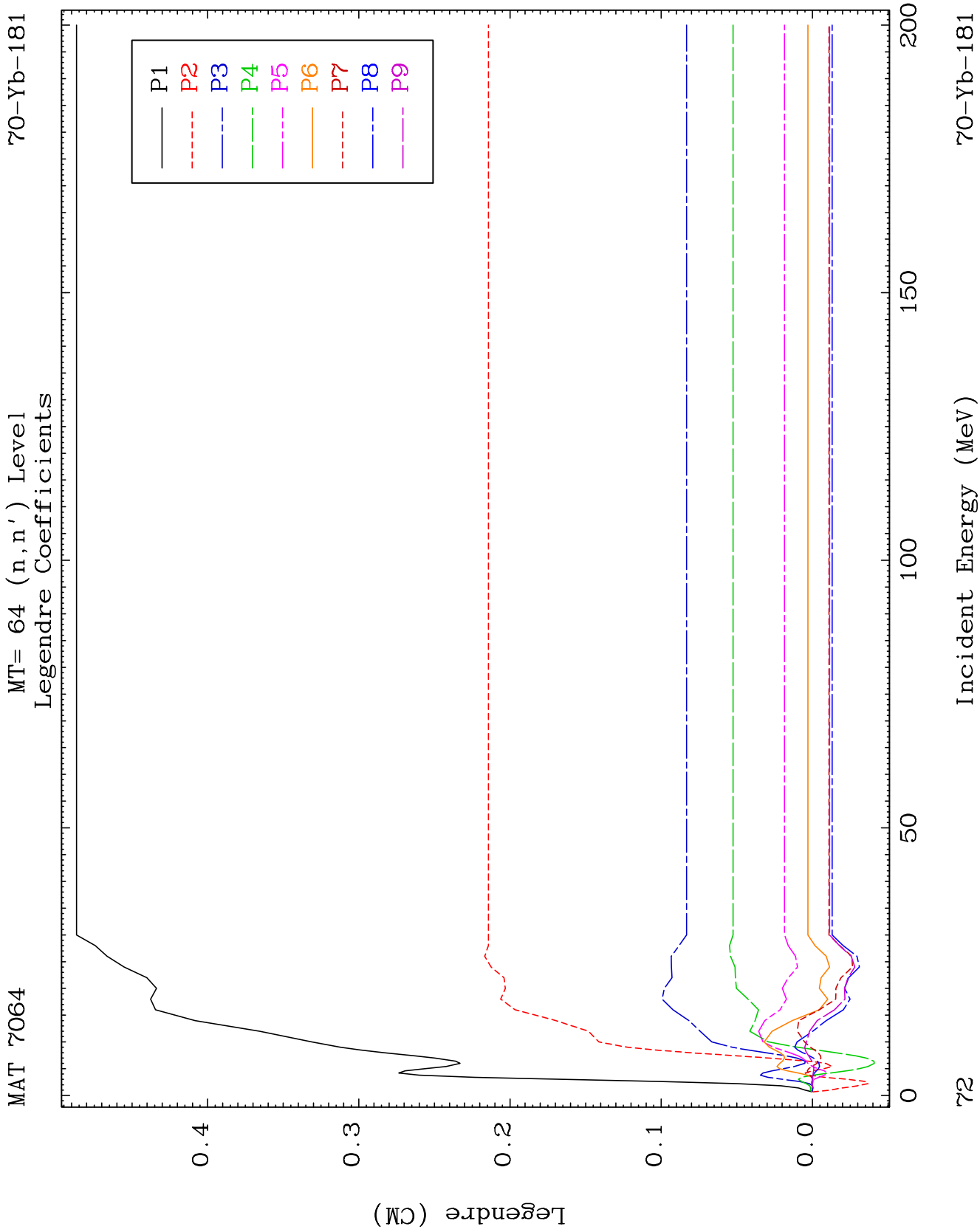
MT= 63 (n, n') Level
Legendre Coefficients

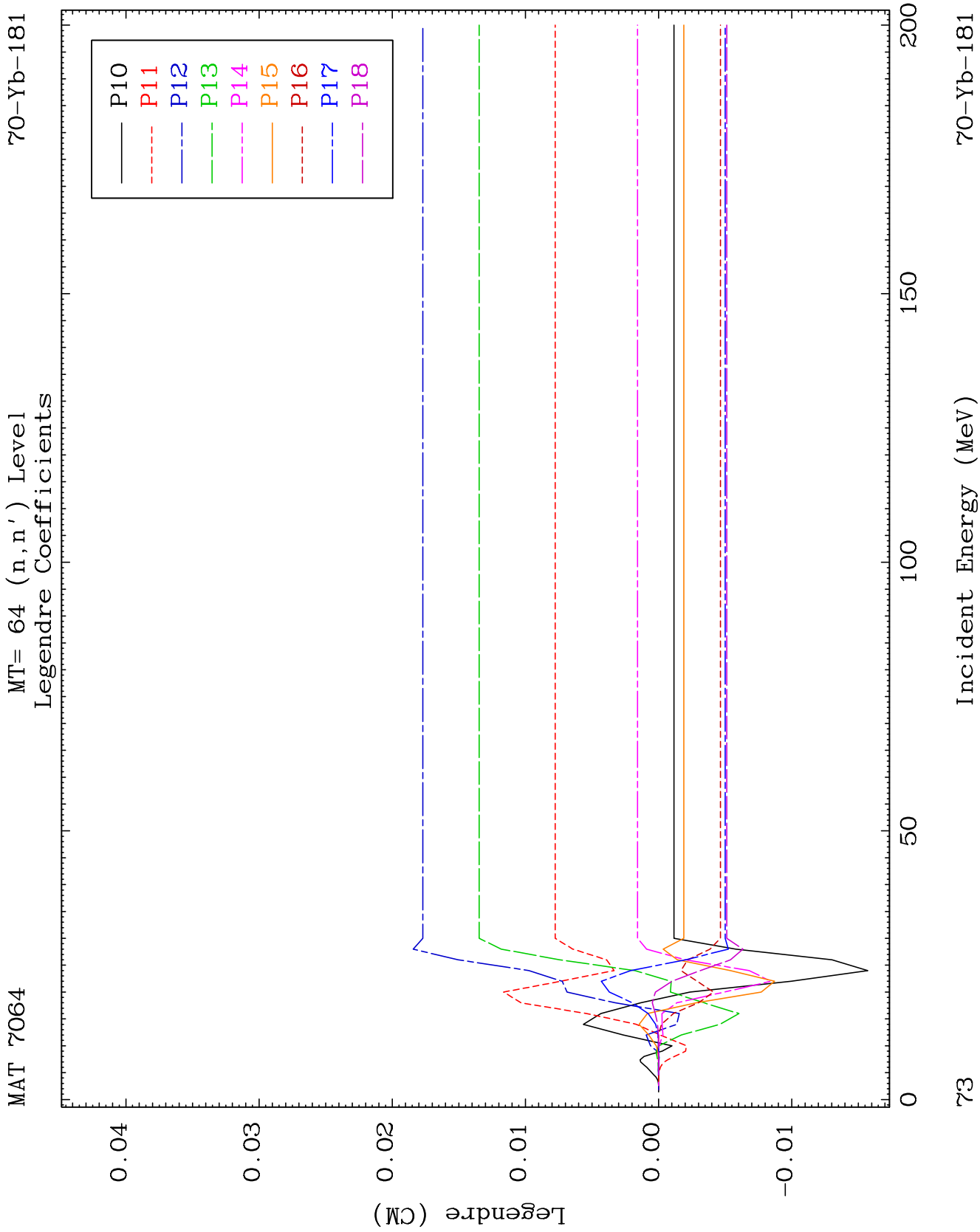
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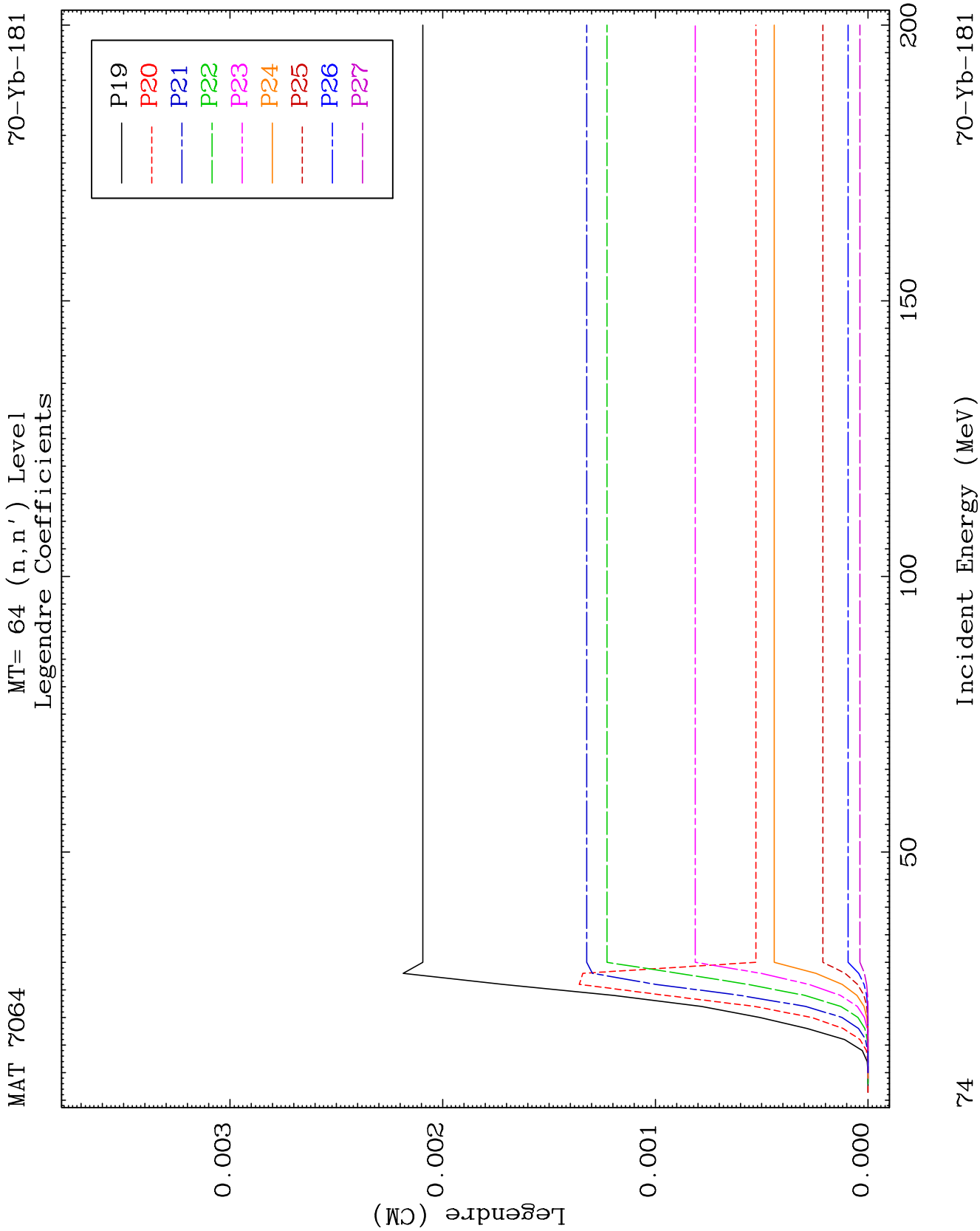


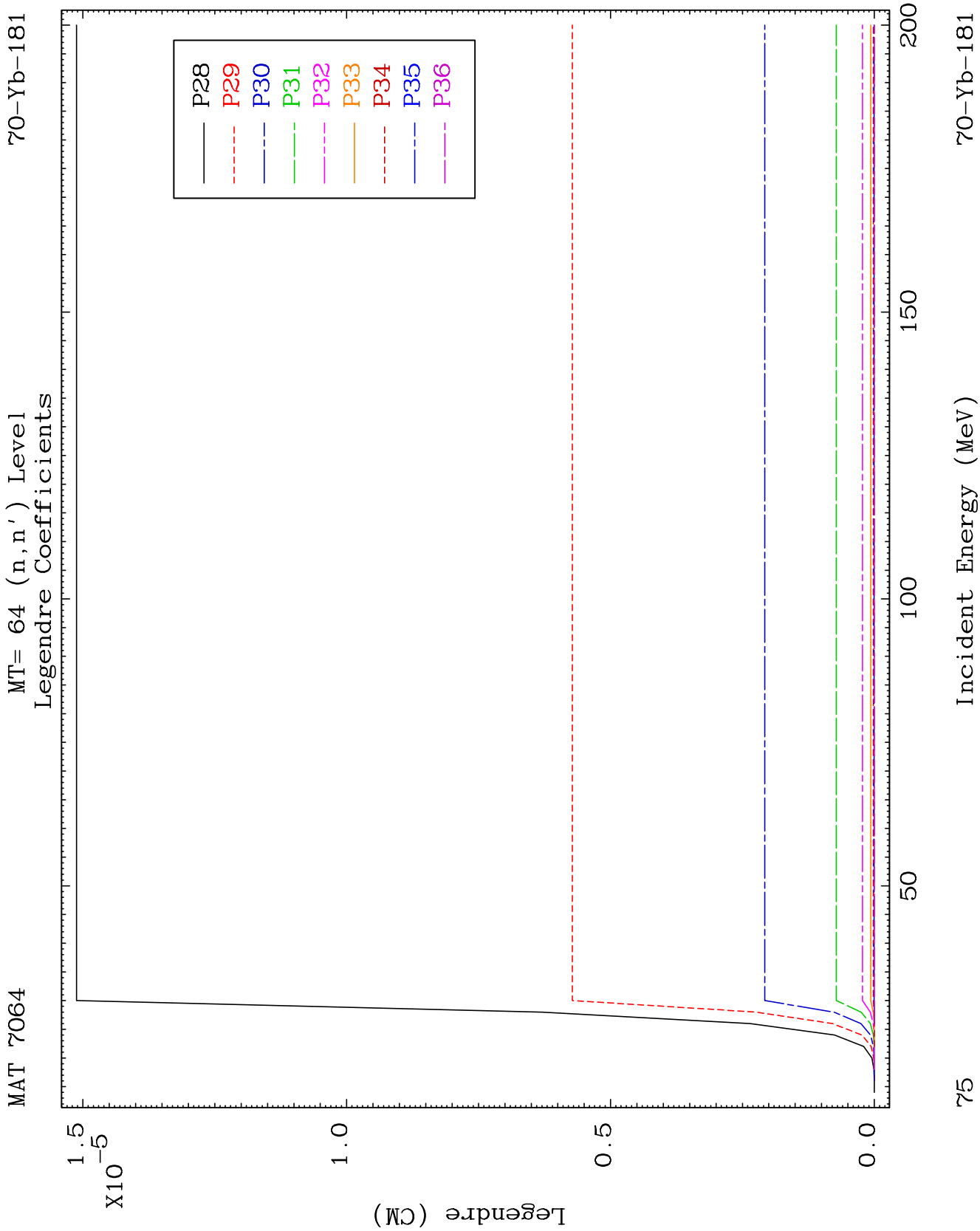








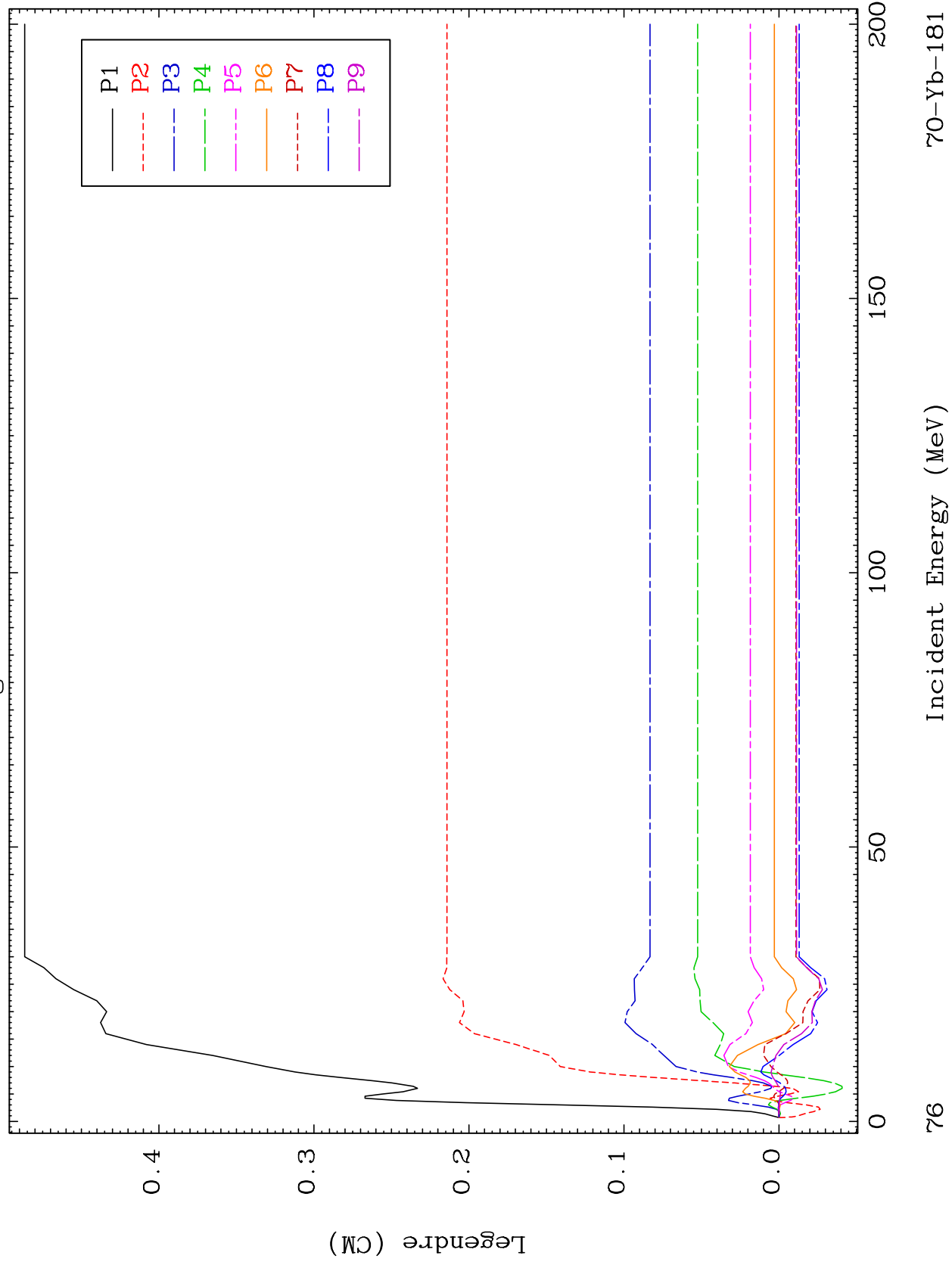




MAT 7064

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

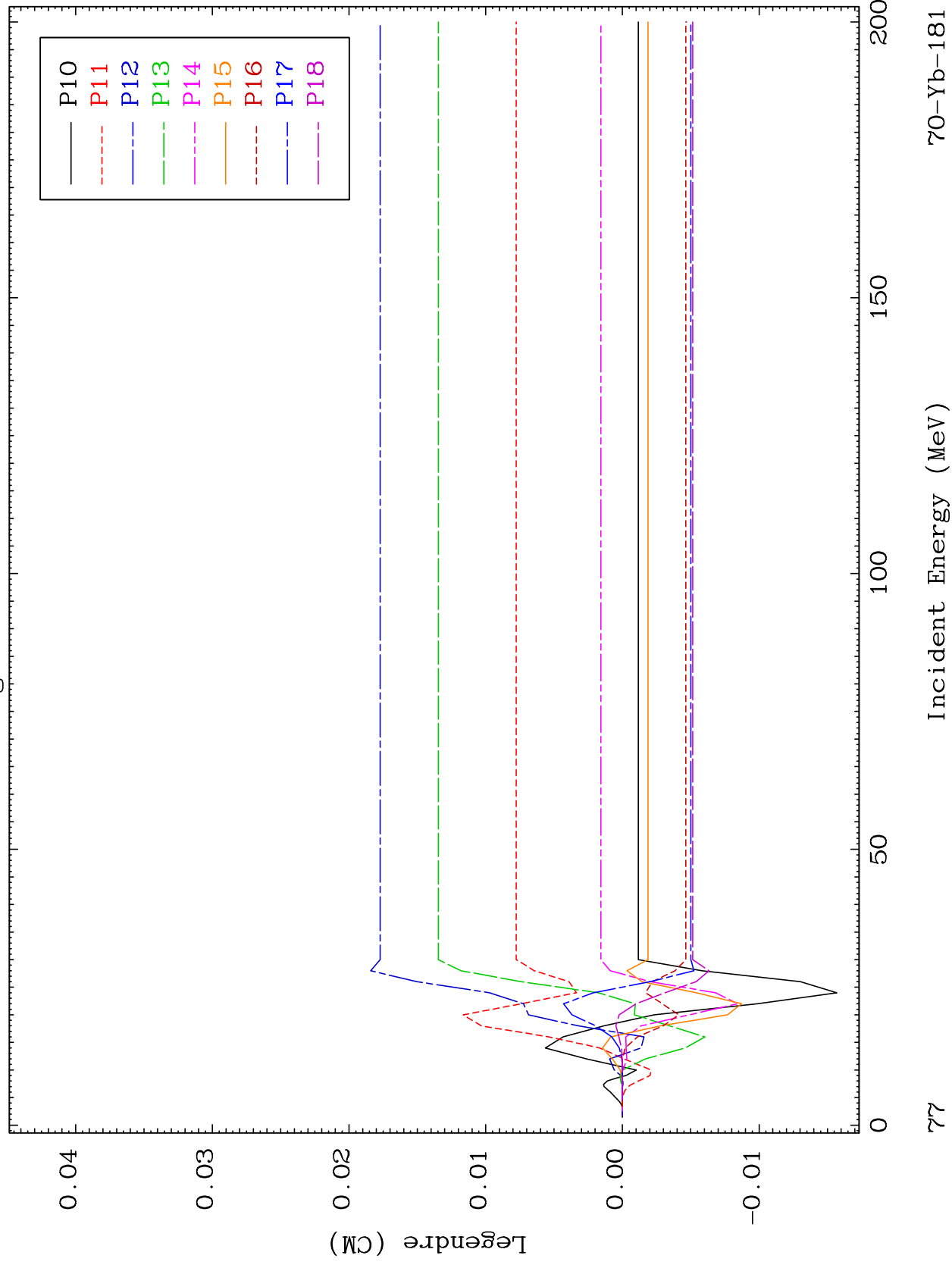
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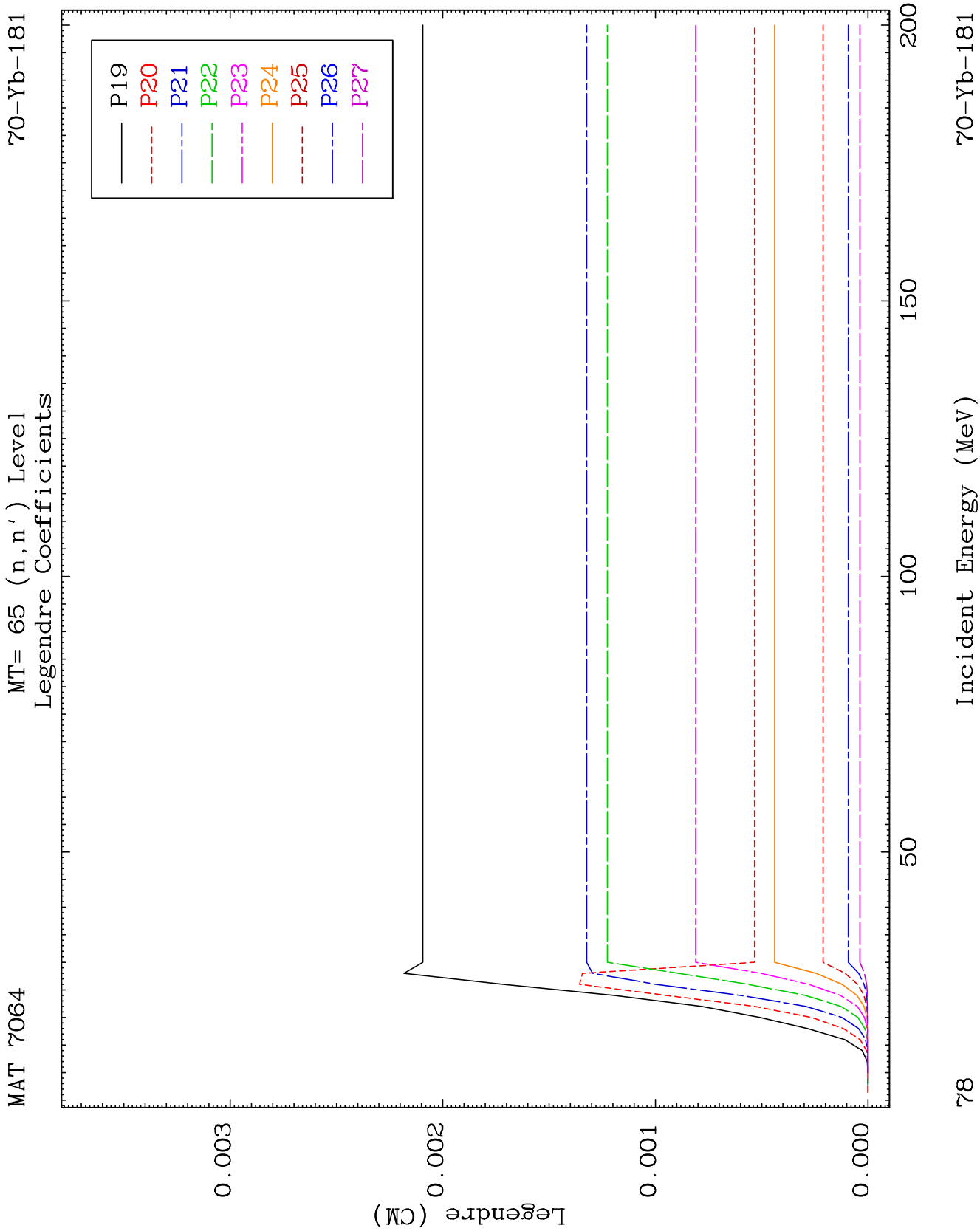


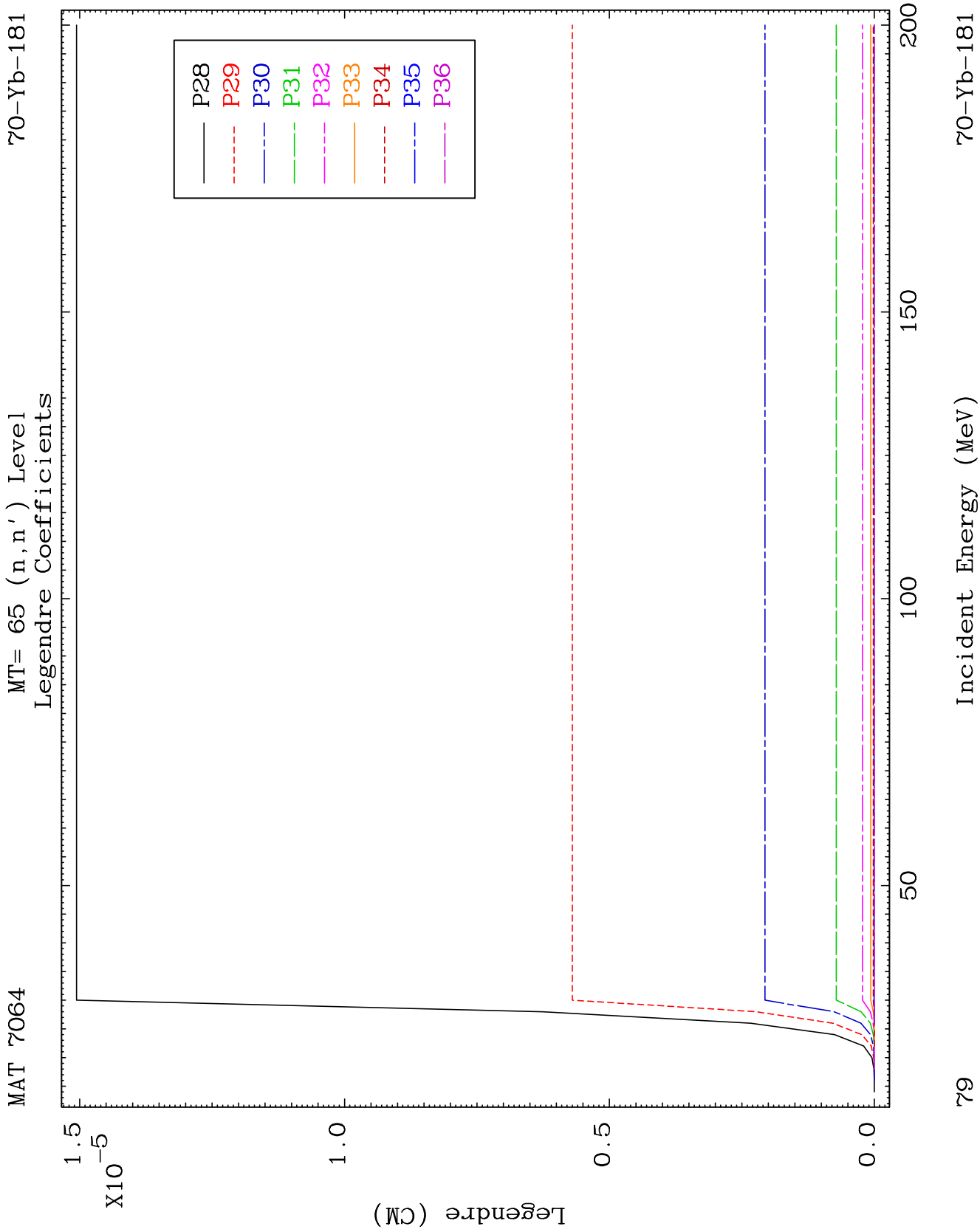
MAT 7064

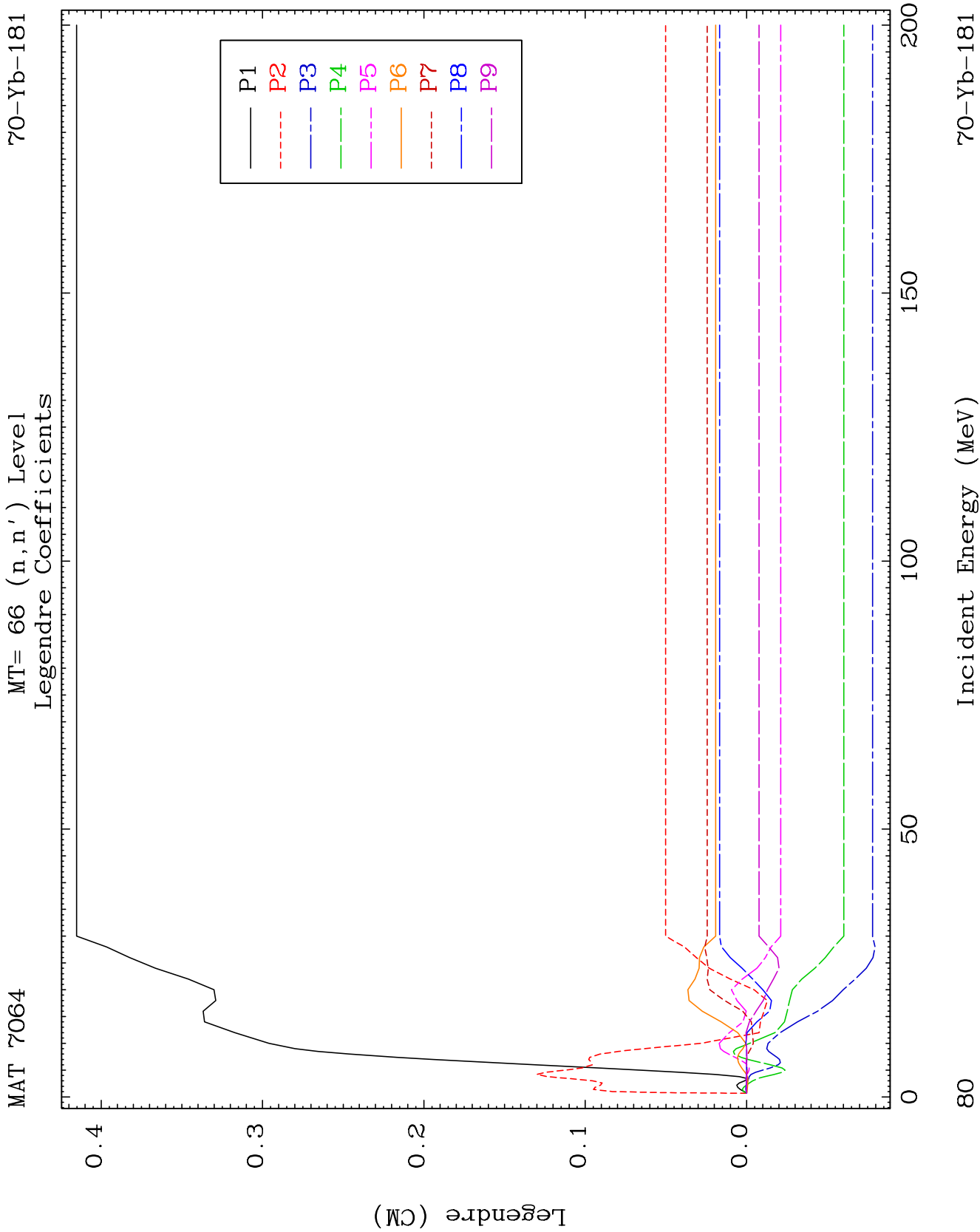
MT= 65 (n, n') Level
Legendre Coefficients

70-Yb-181





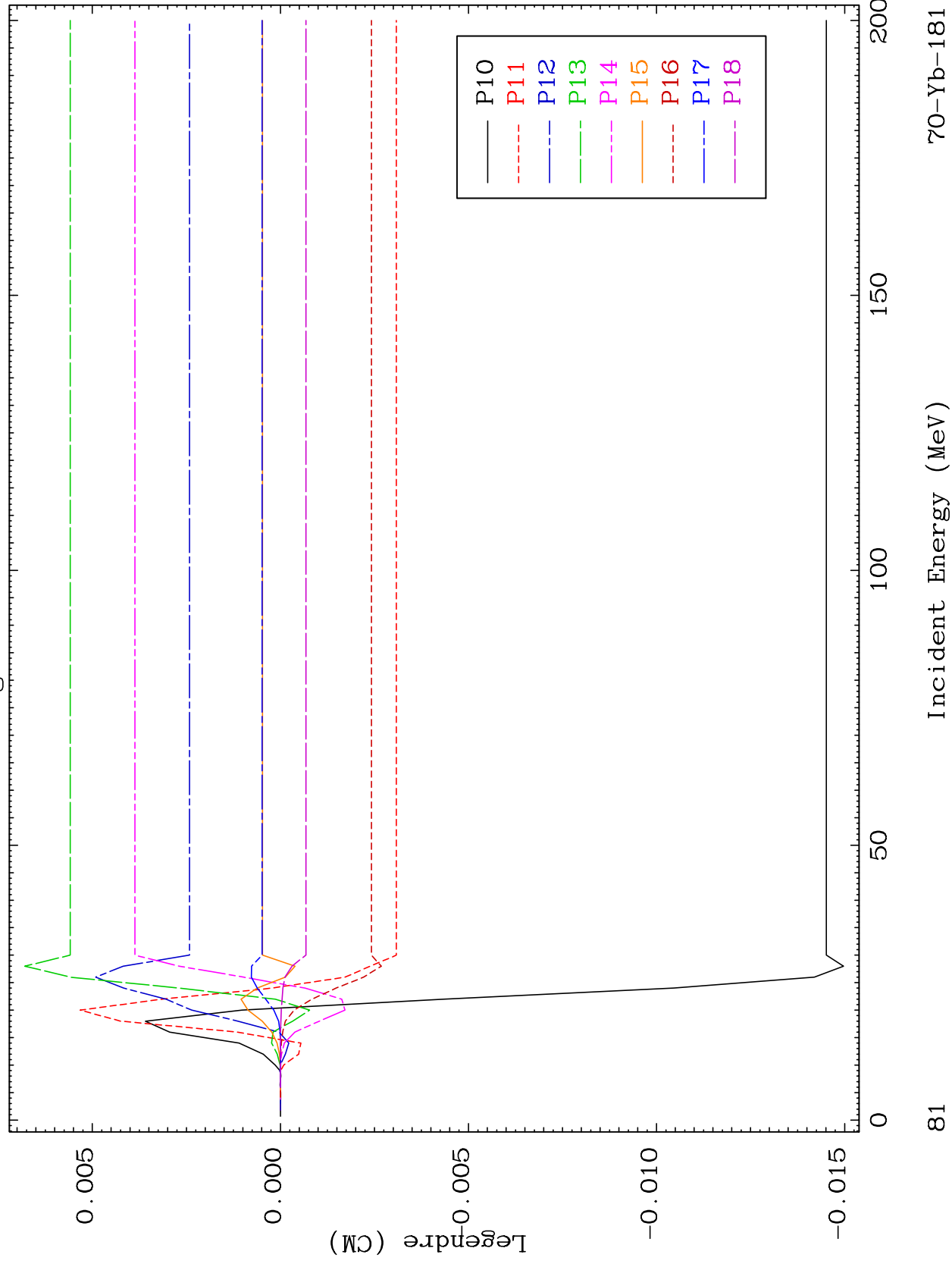


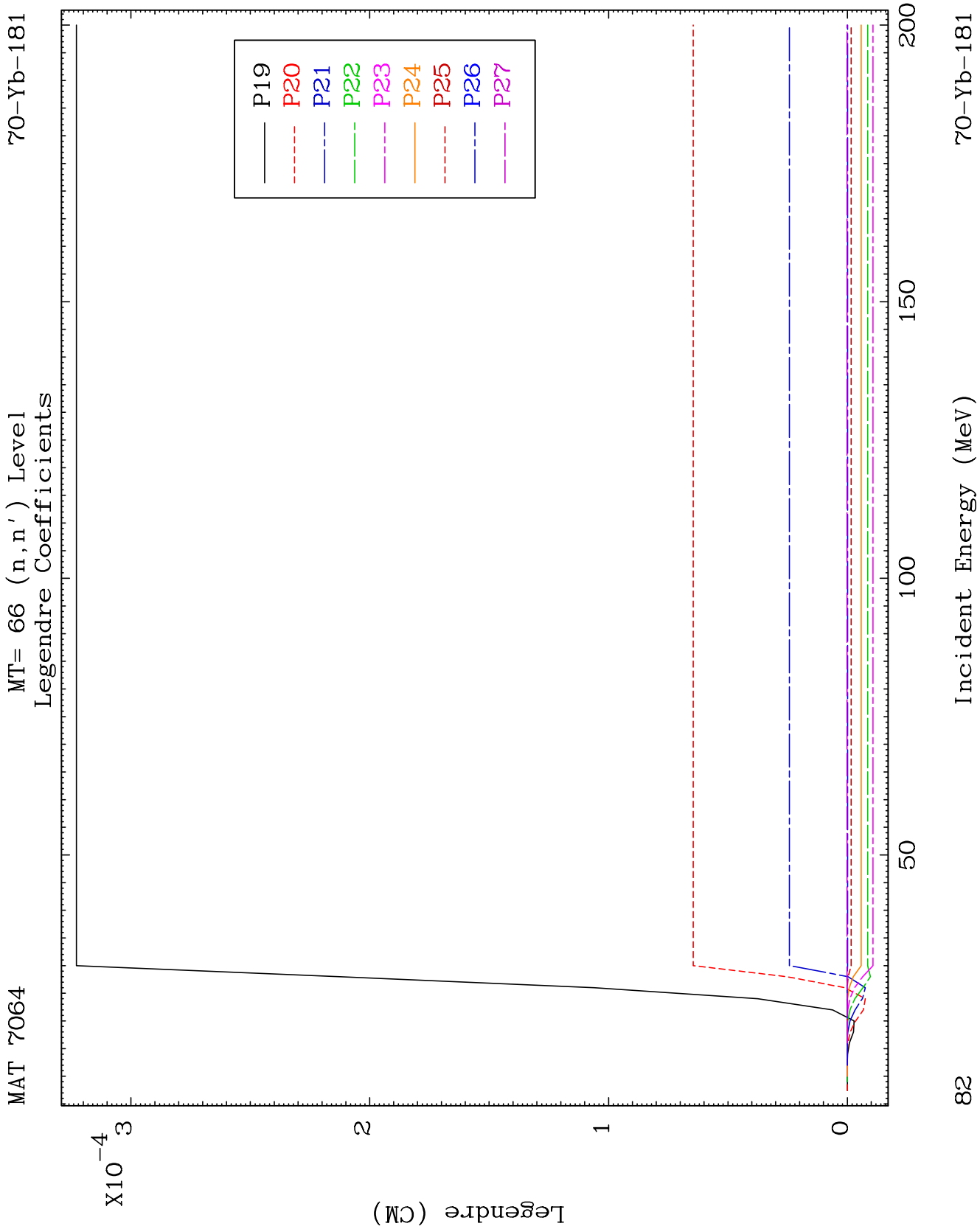


MAT 7064

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

70-Yb-181

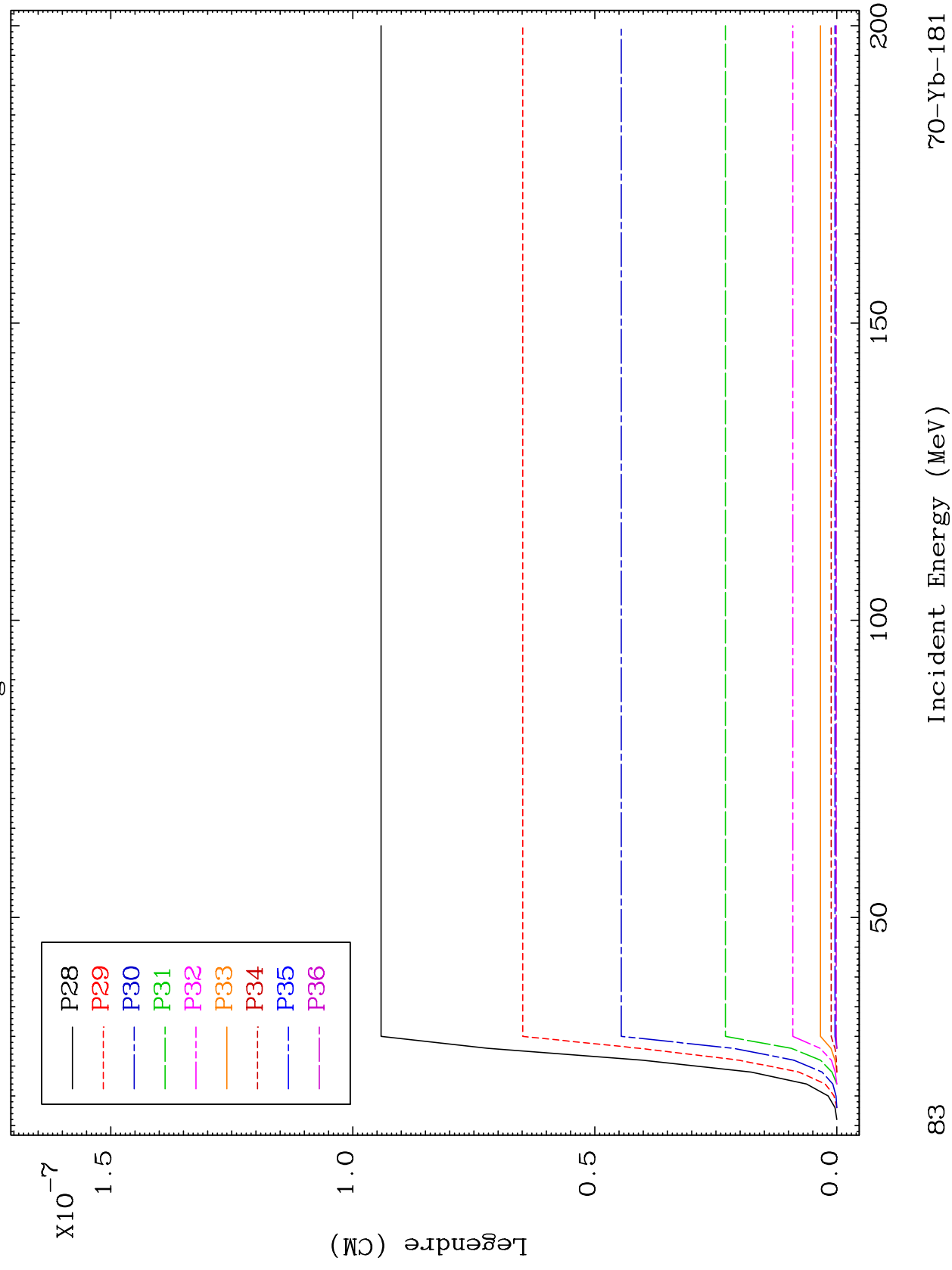




MAT 7064

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

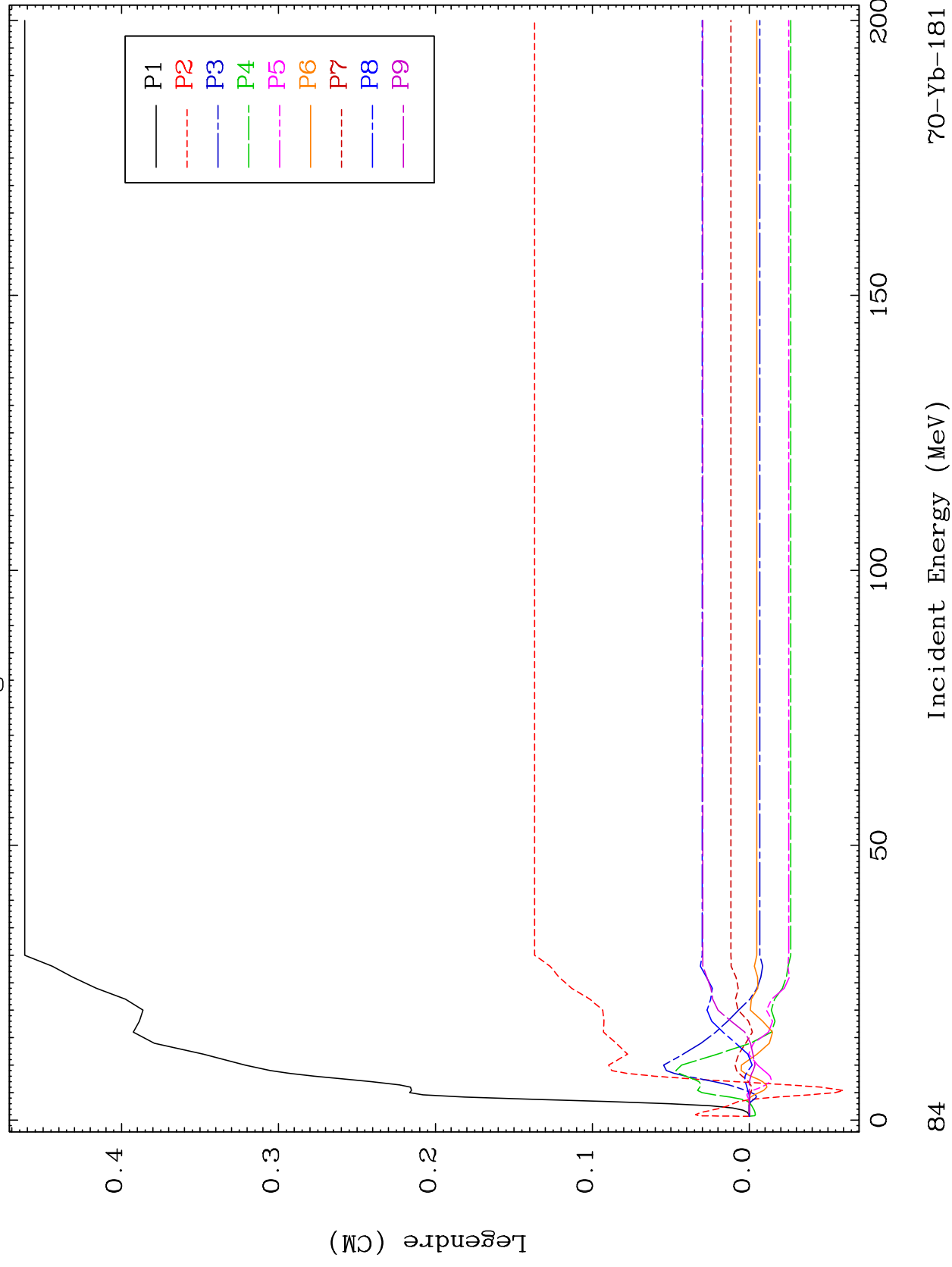
70-Yb-181



MAT 7064

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

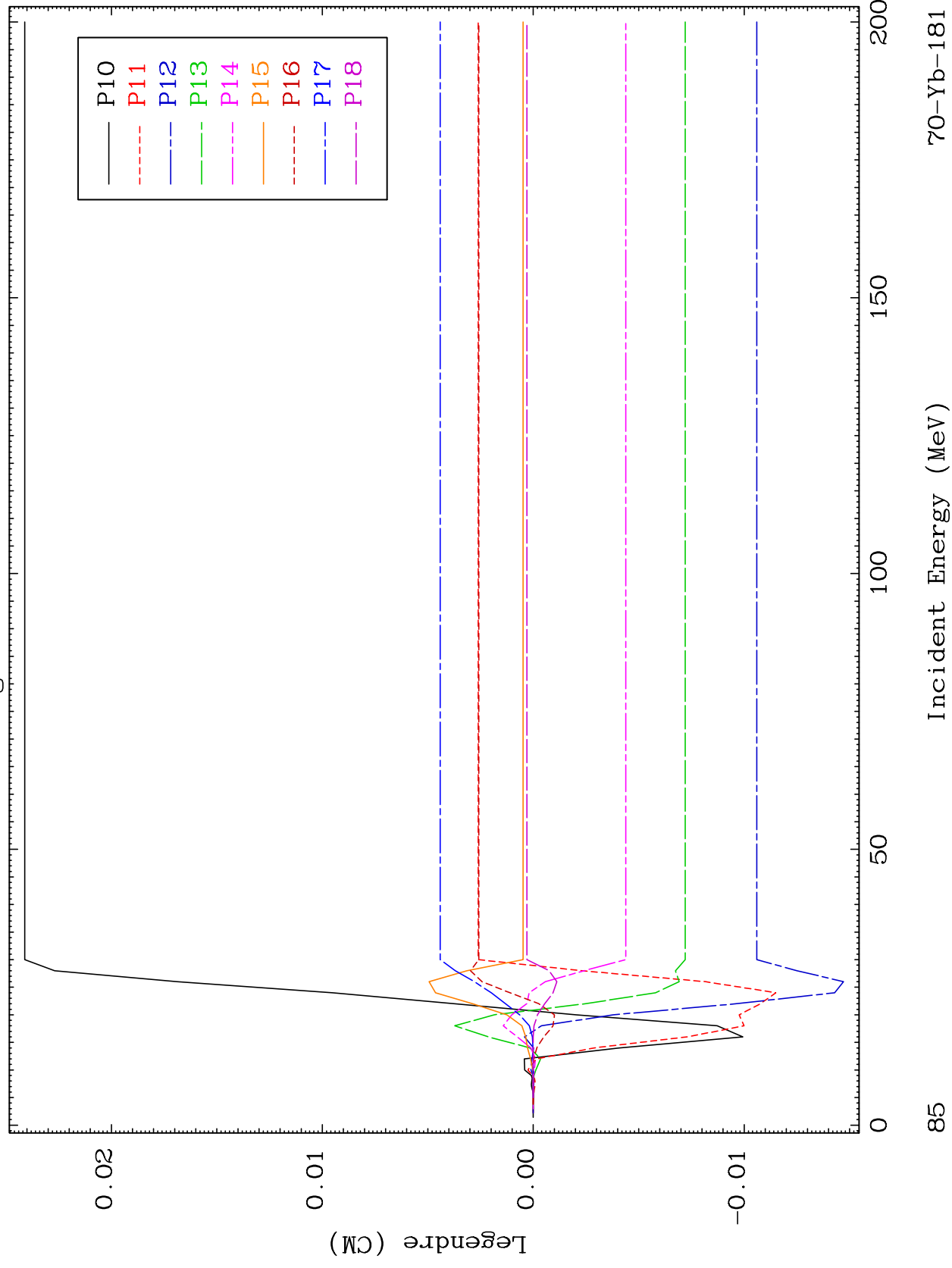
70-Yb-181

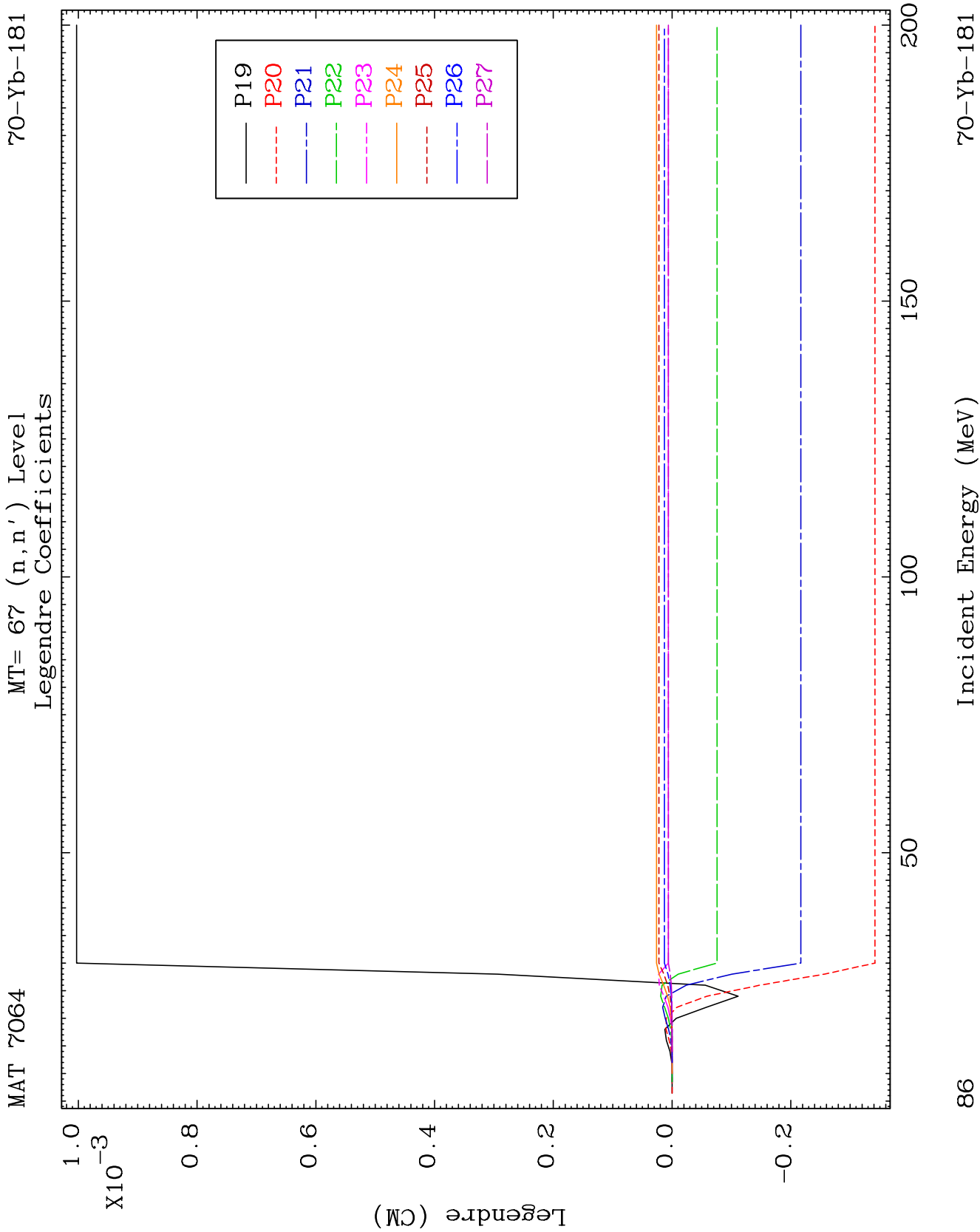


MAT 7064

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

70-Yb-181

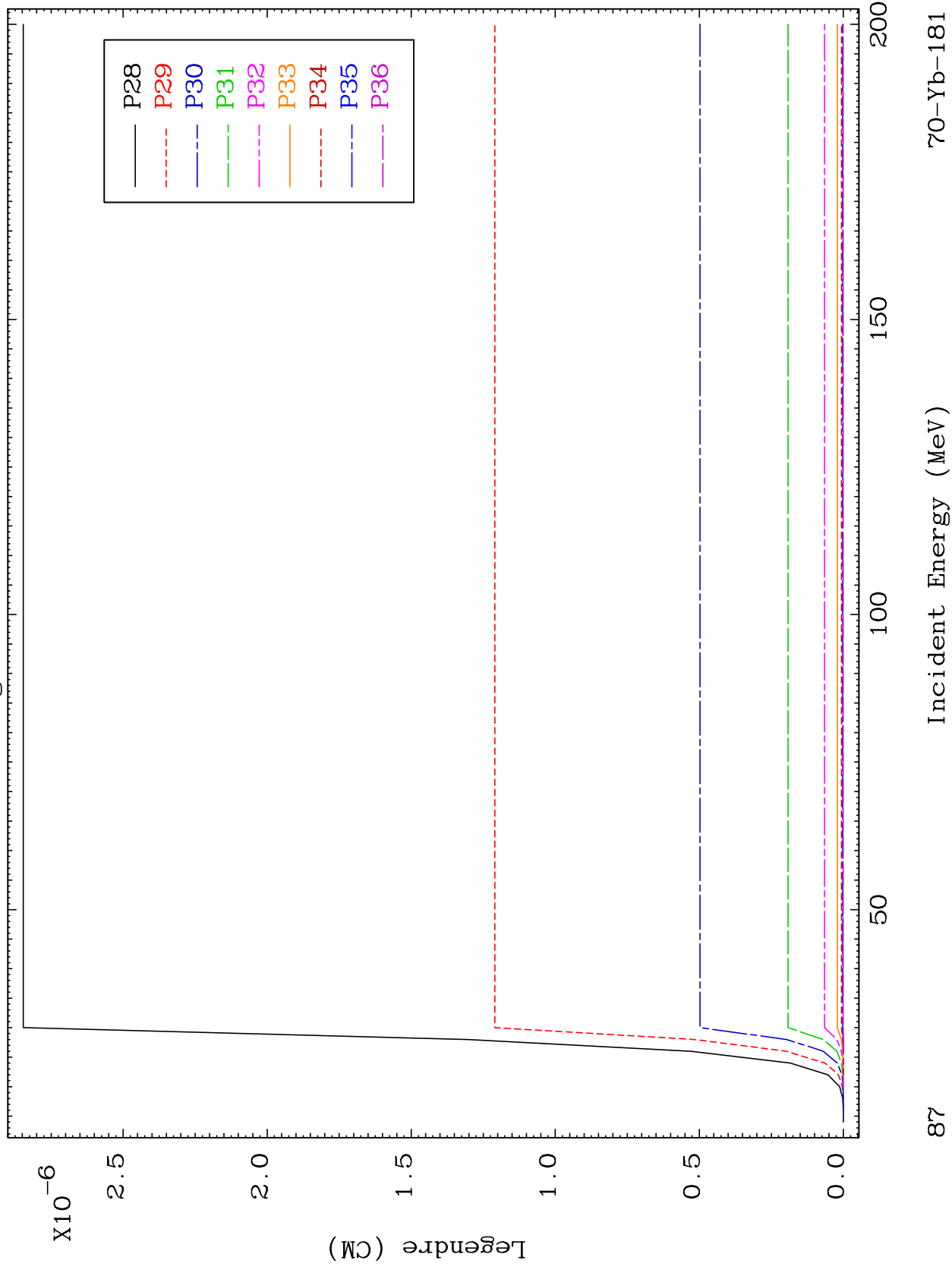


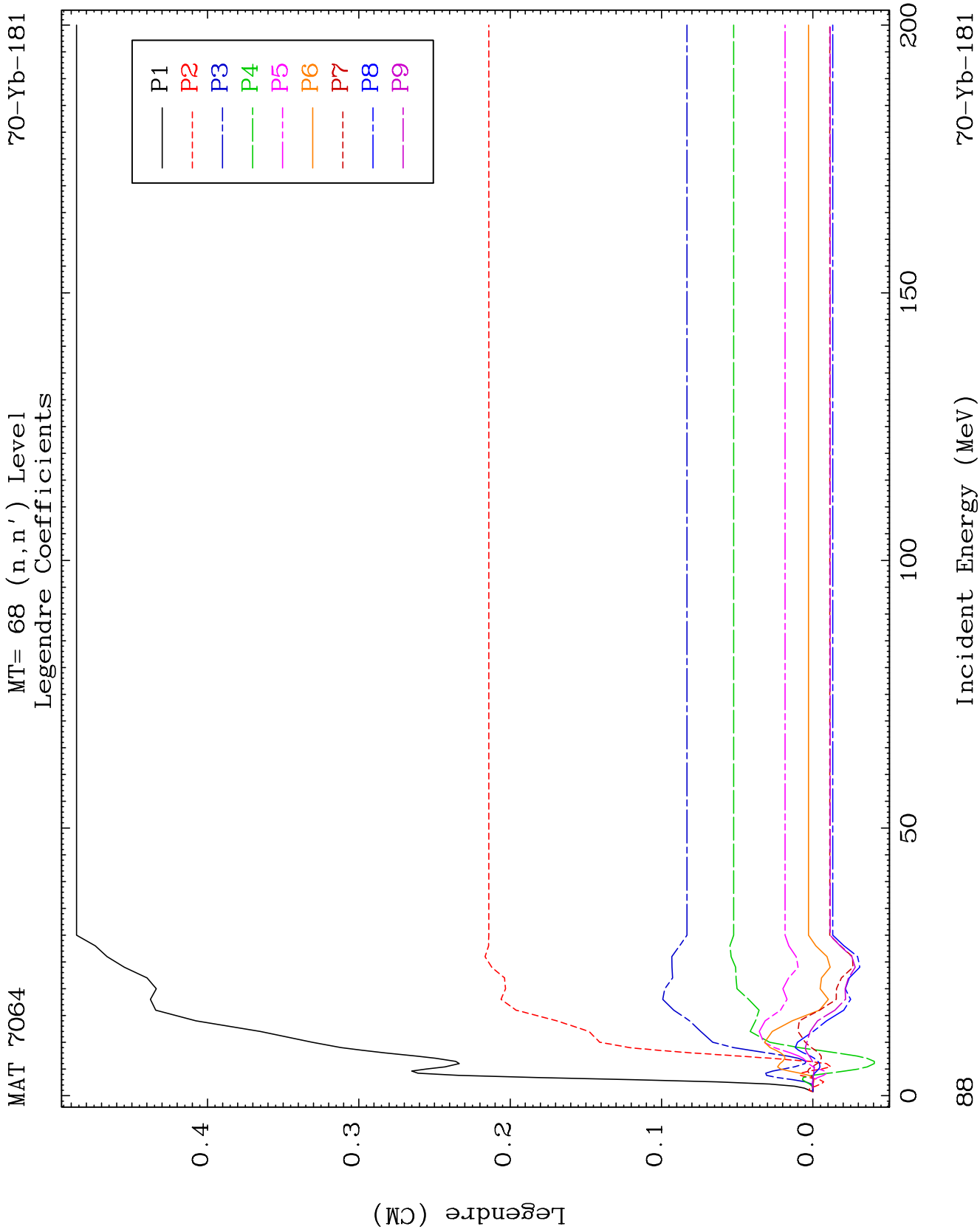


MAT 7064

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

70-Yb-181

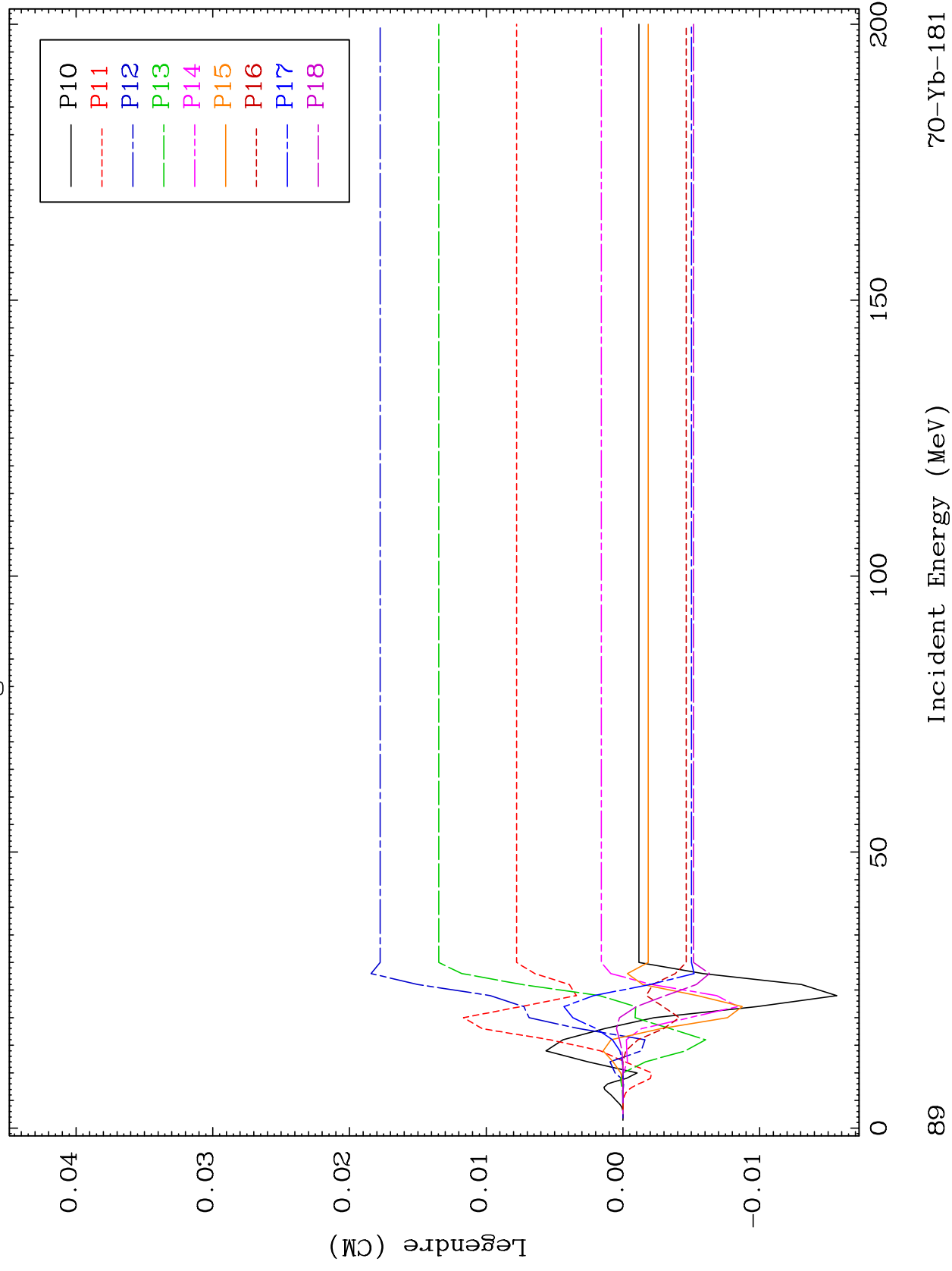




MAT 7064

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

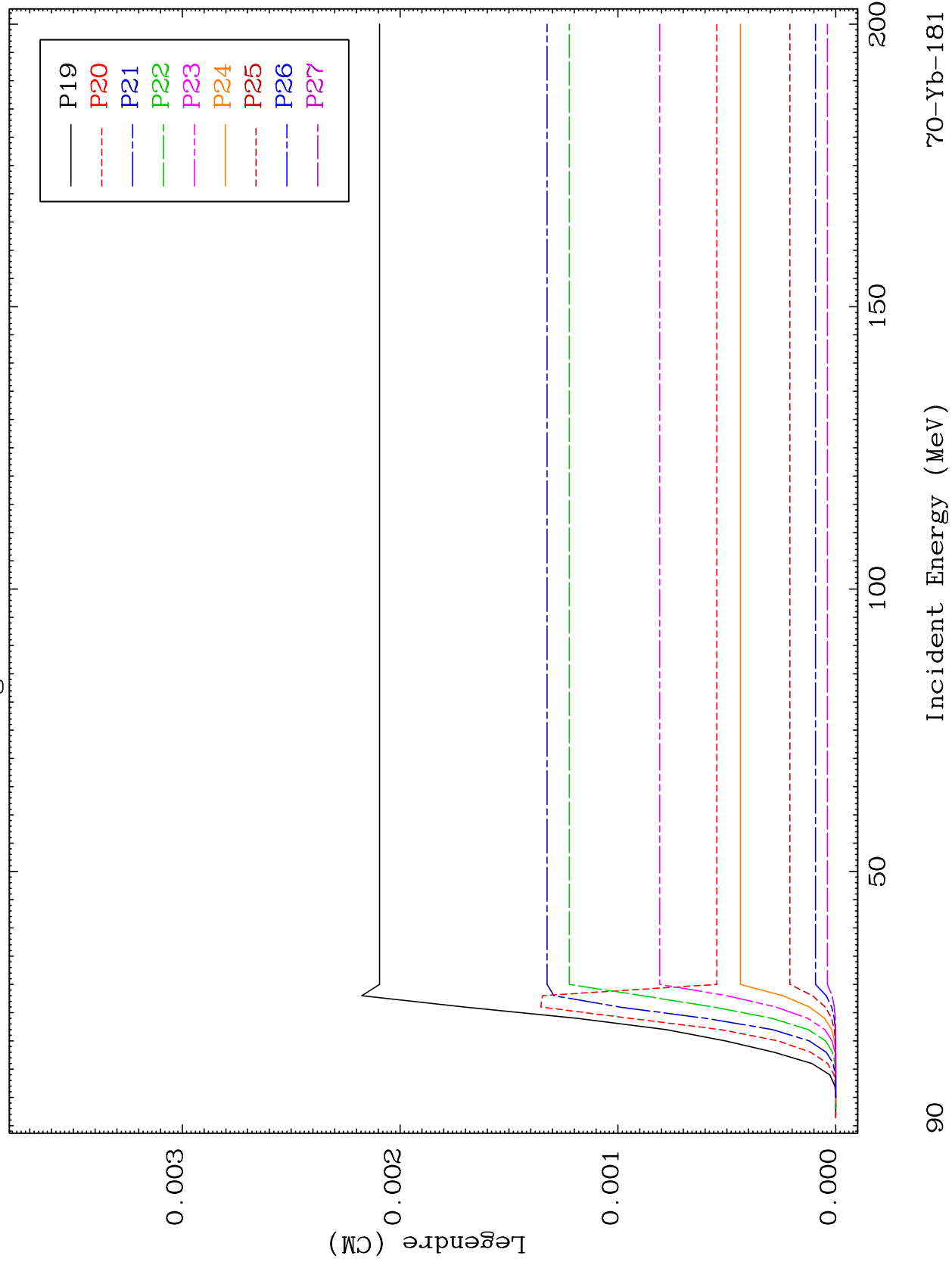
70-Yb-181

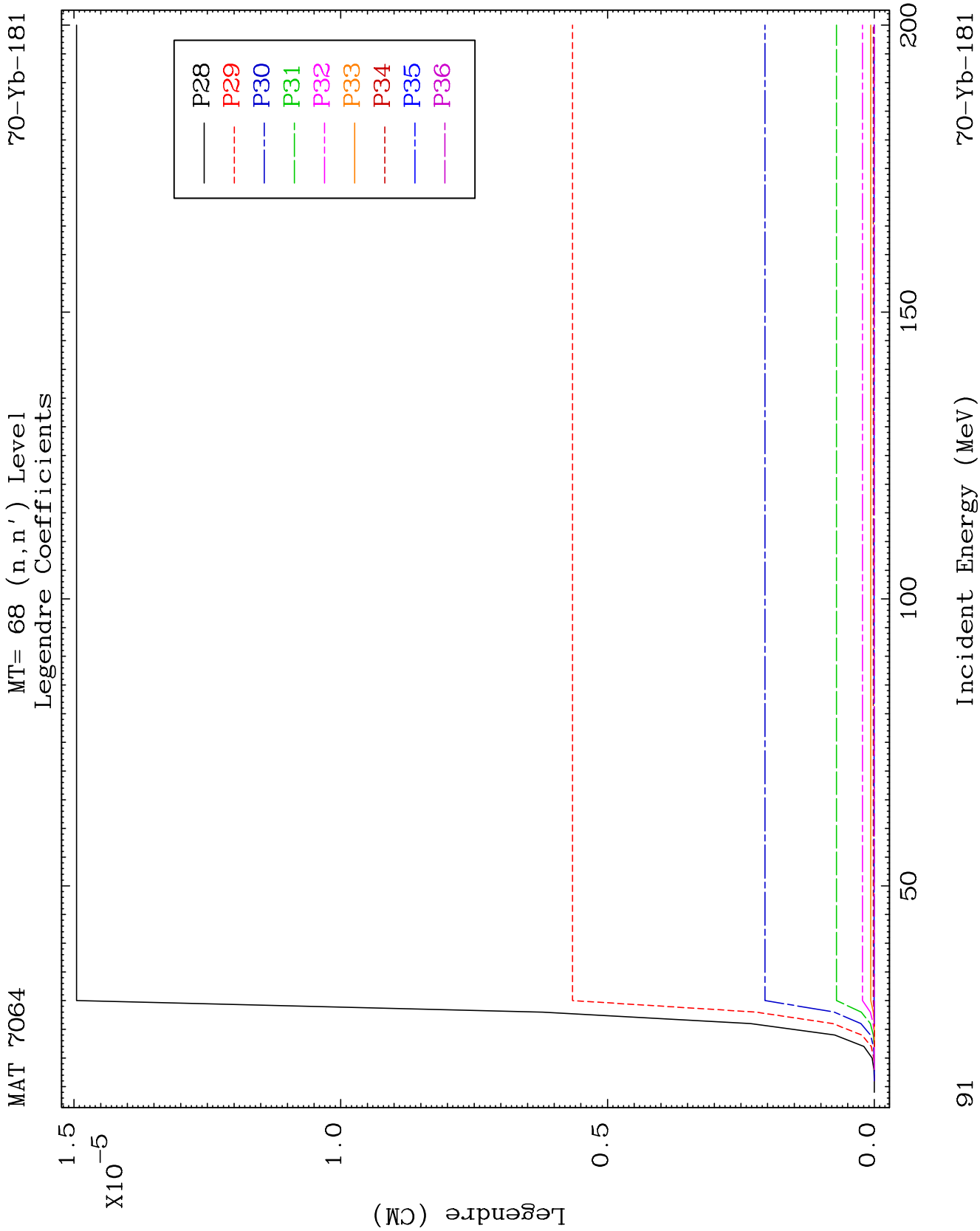


MAT 7064

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

70-Yb-181

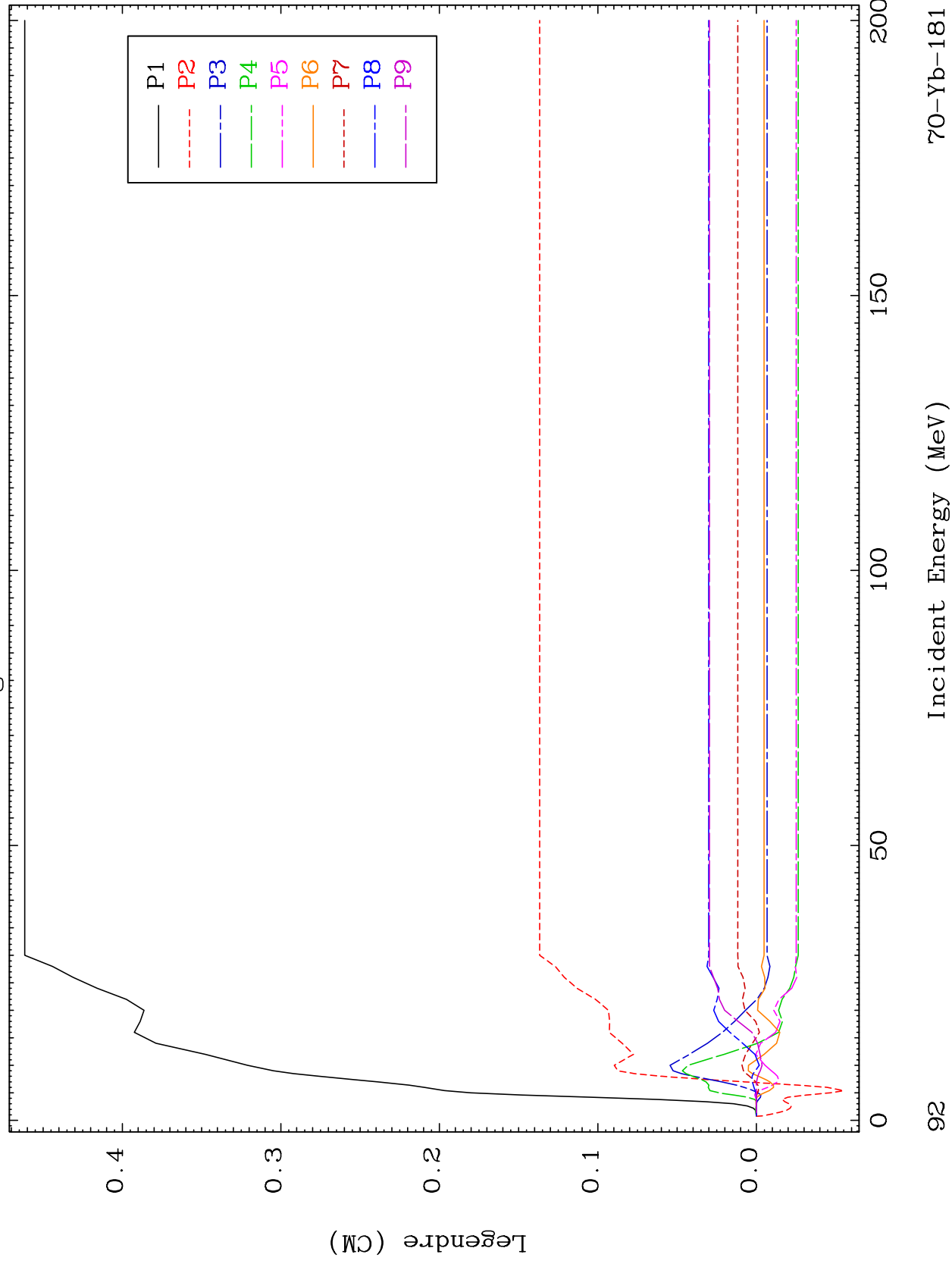


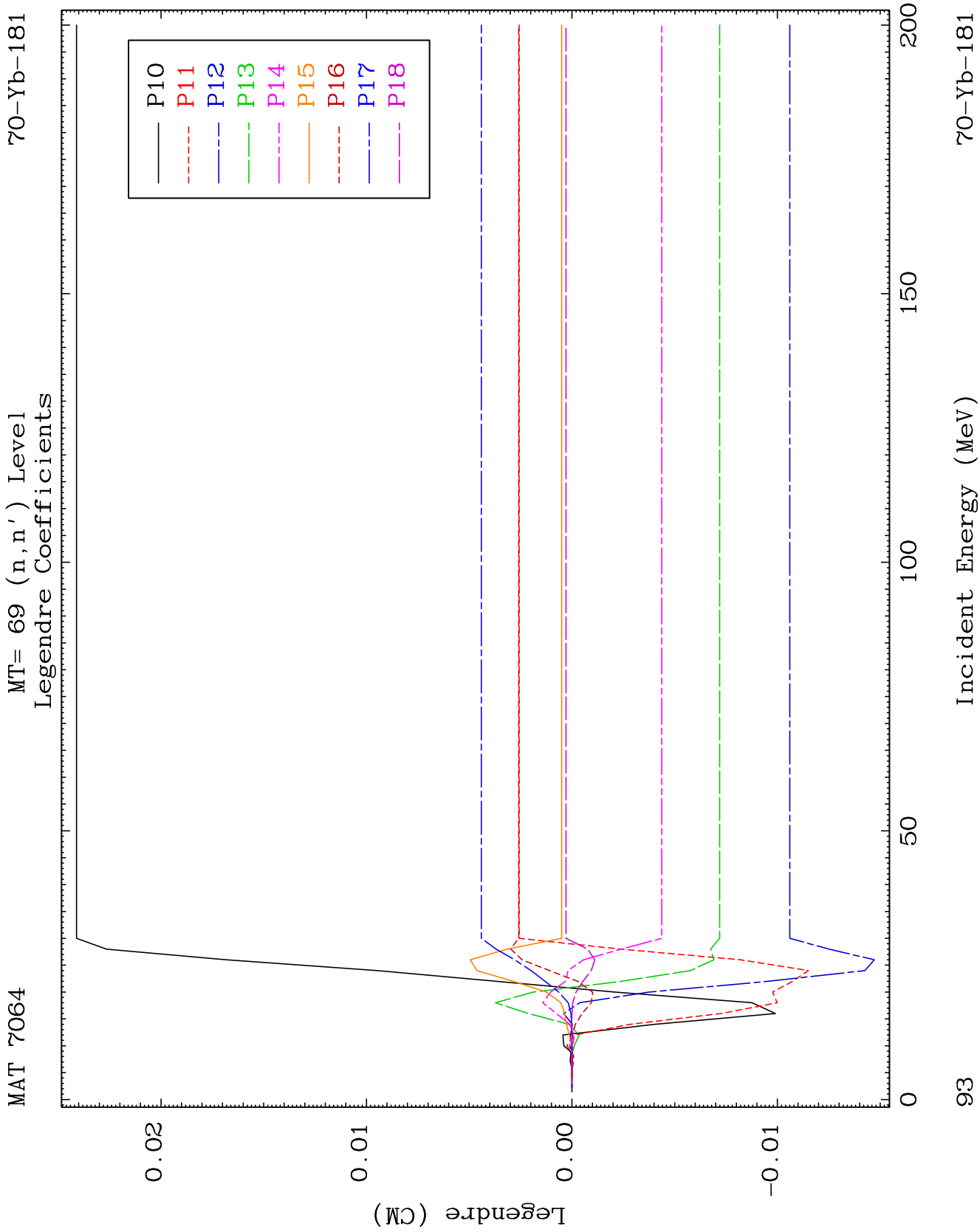


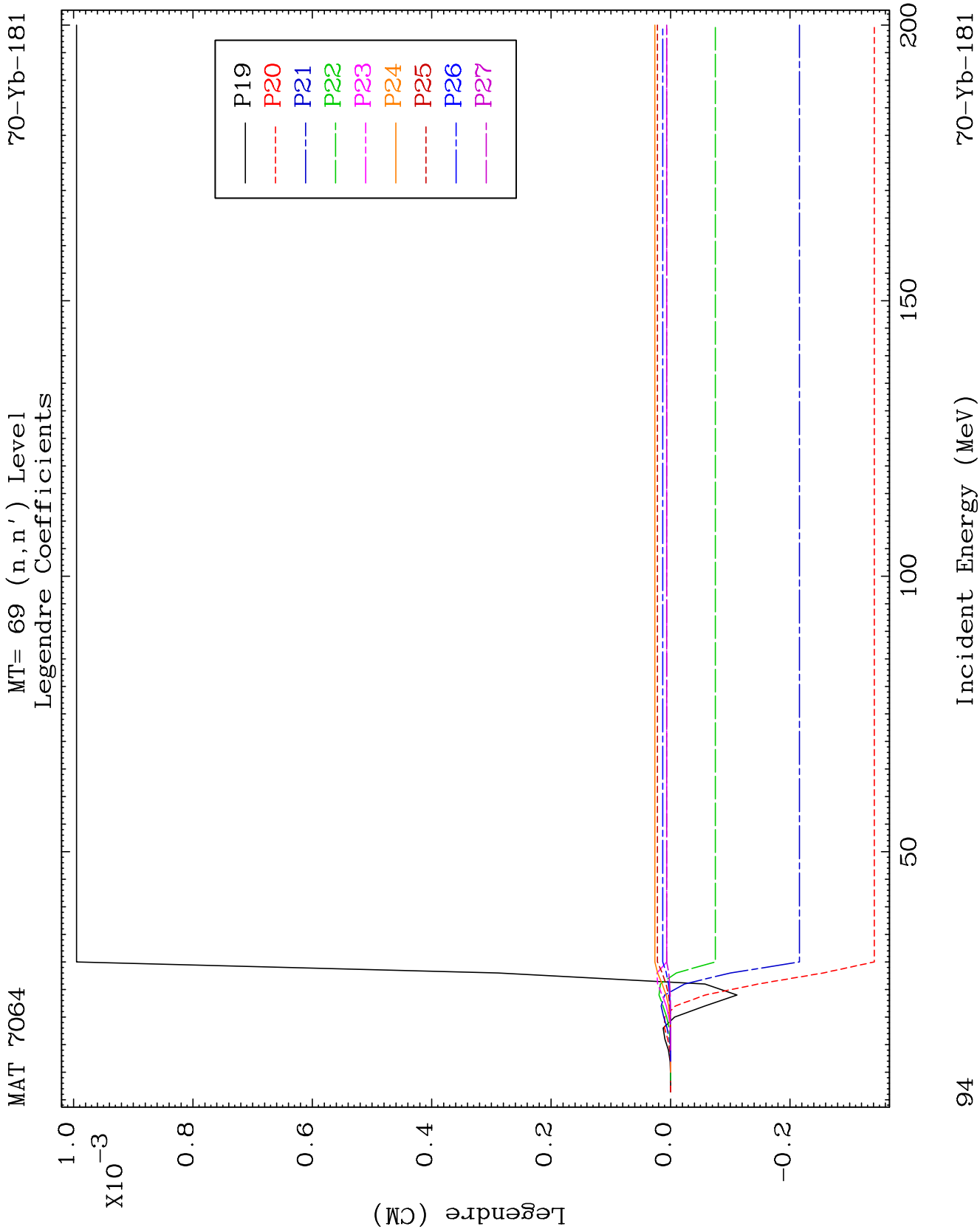
MAT 7064

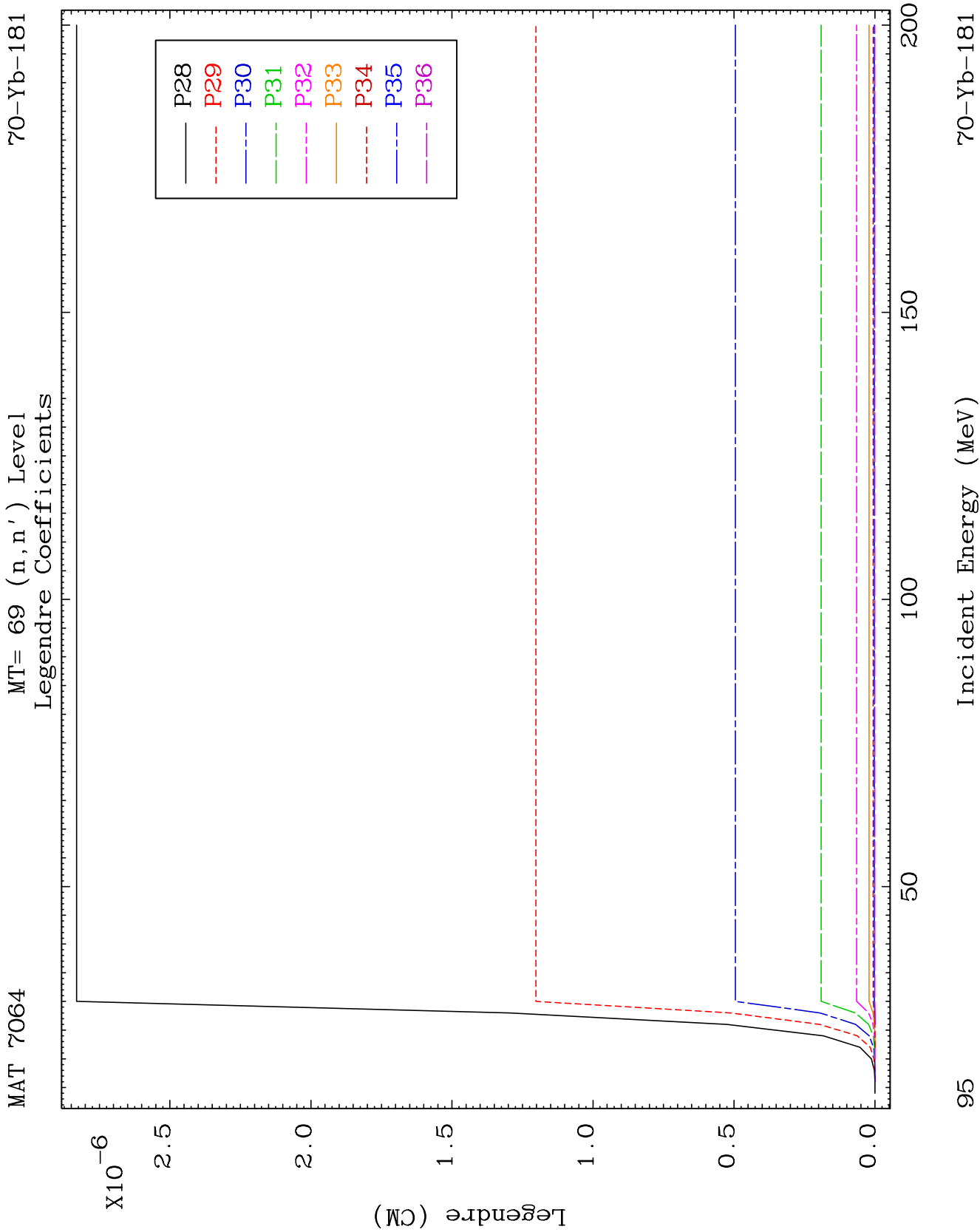
MT= 69 (n, n') Level
Legendre Coefficients

70-Yb-181





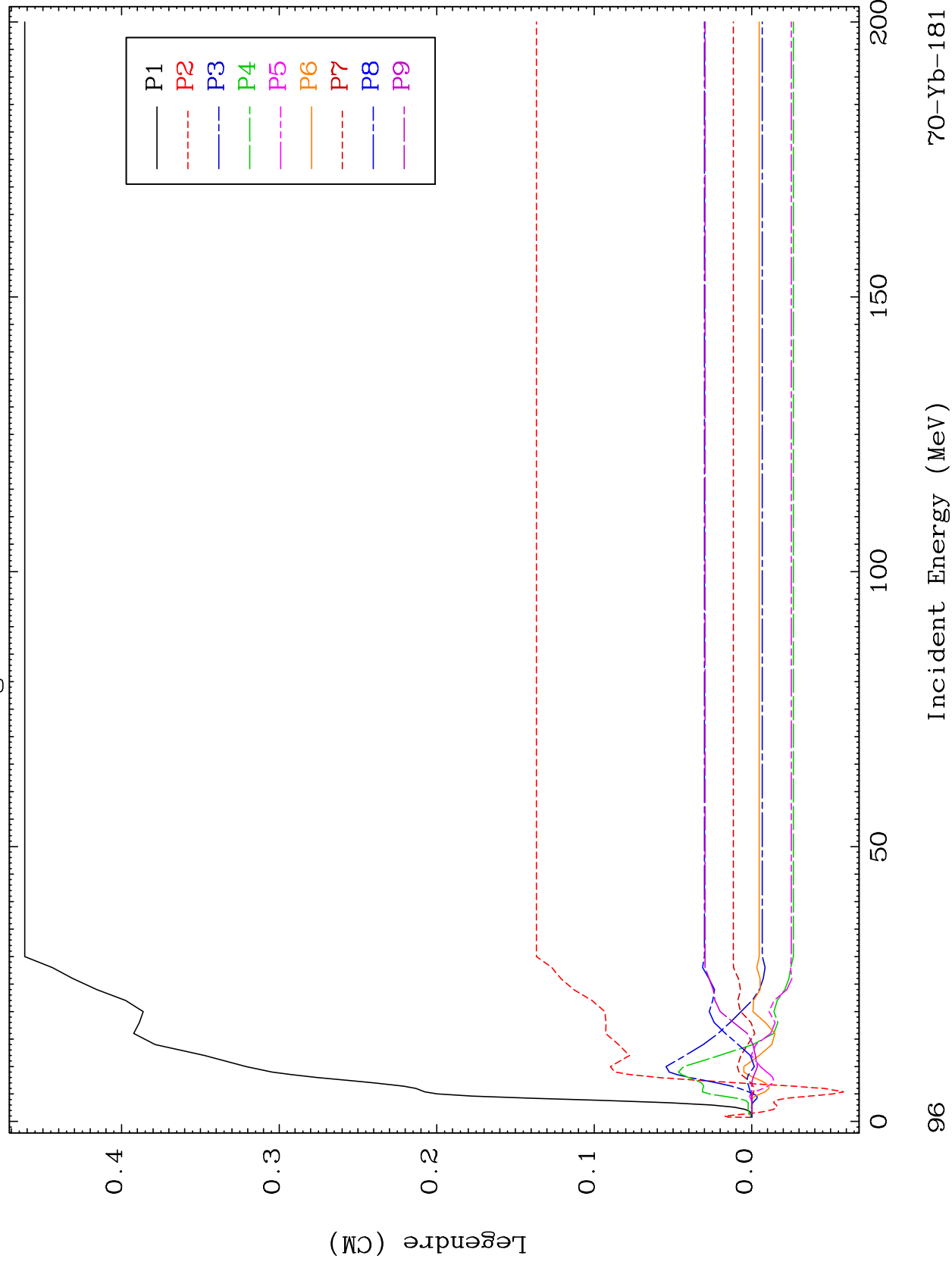




MAT 7064

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

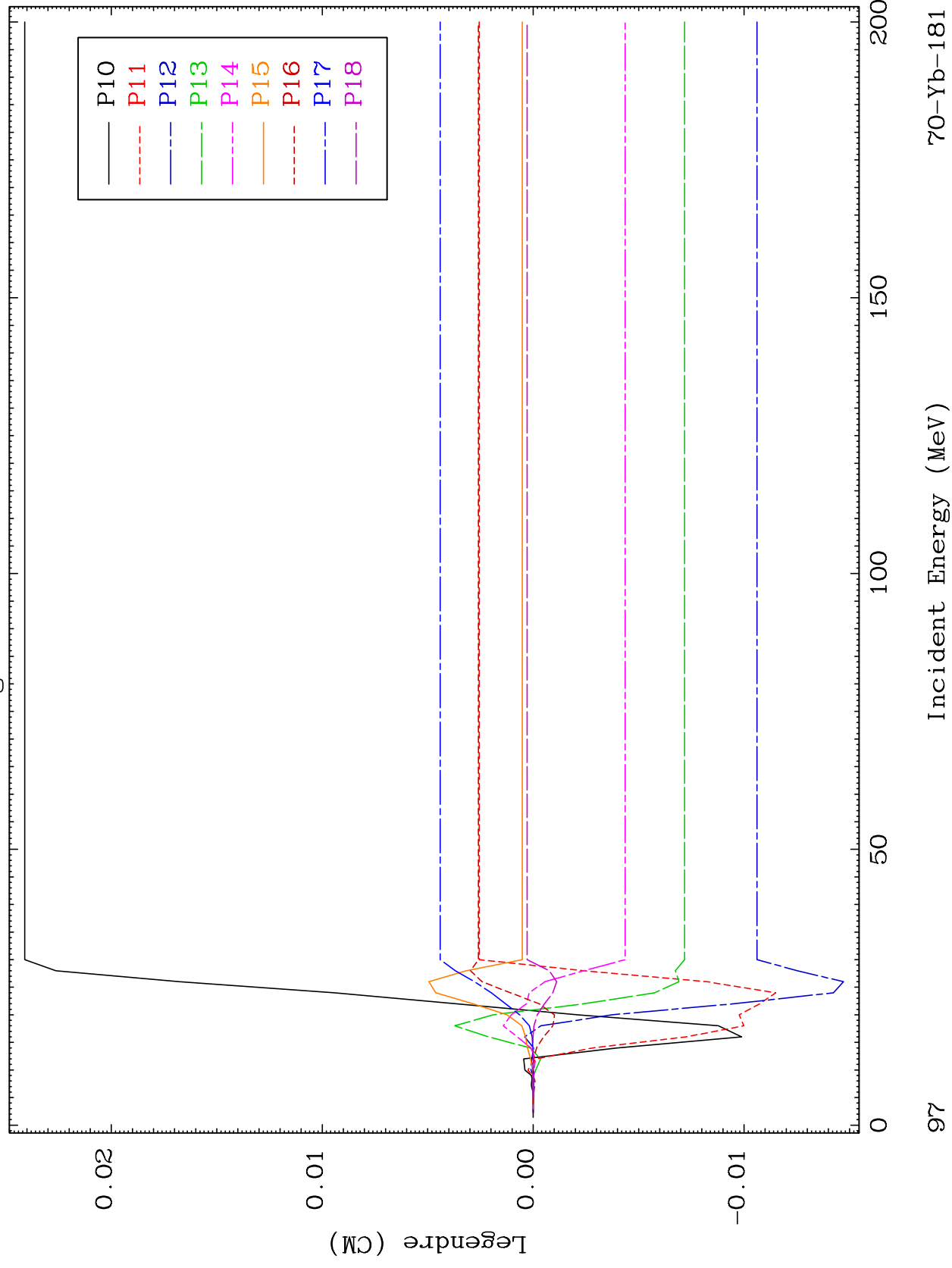
70-Yb-181



MAT 7064

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

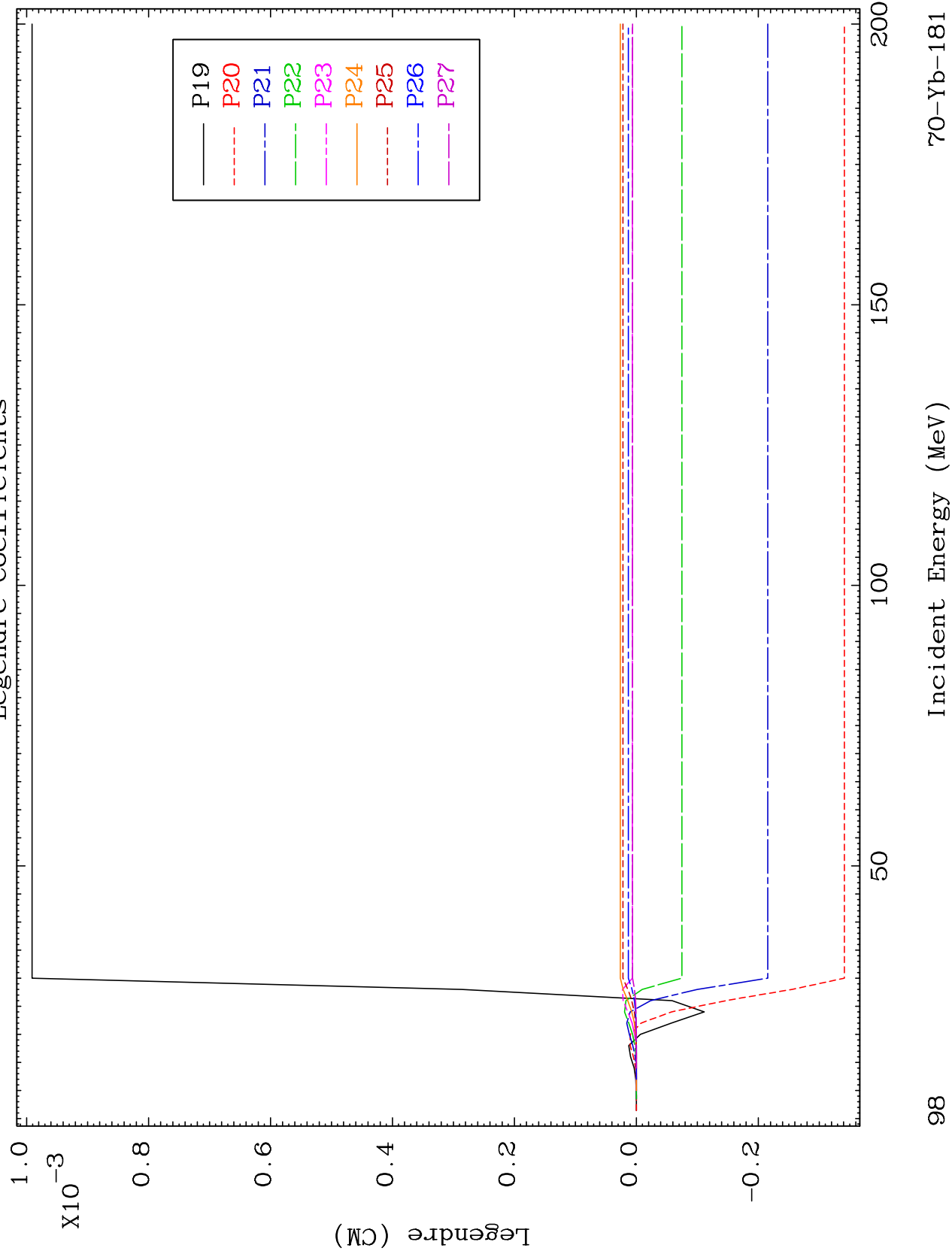
70-Yb-181



MAT 7064

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

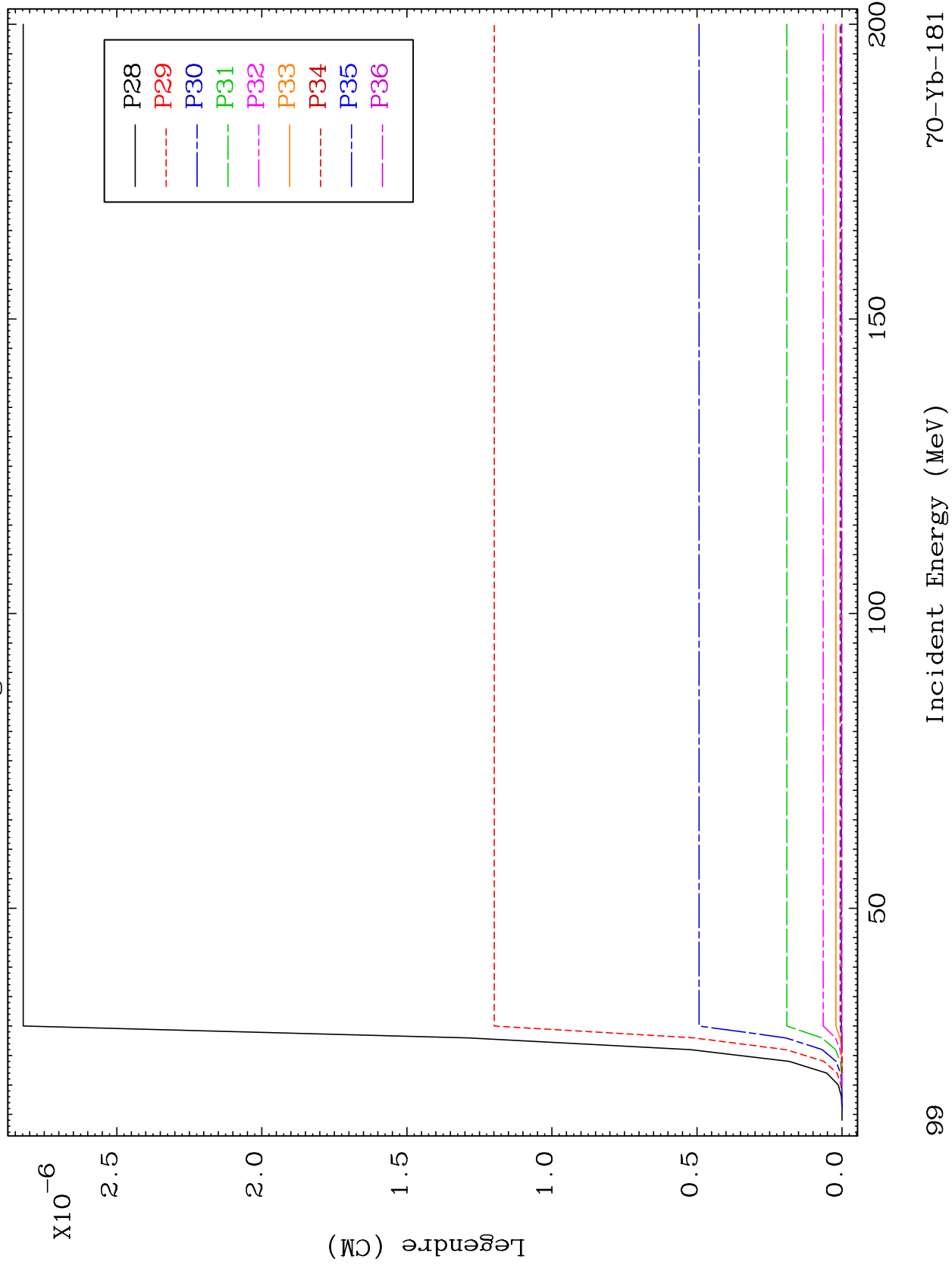
70-Yb-181

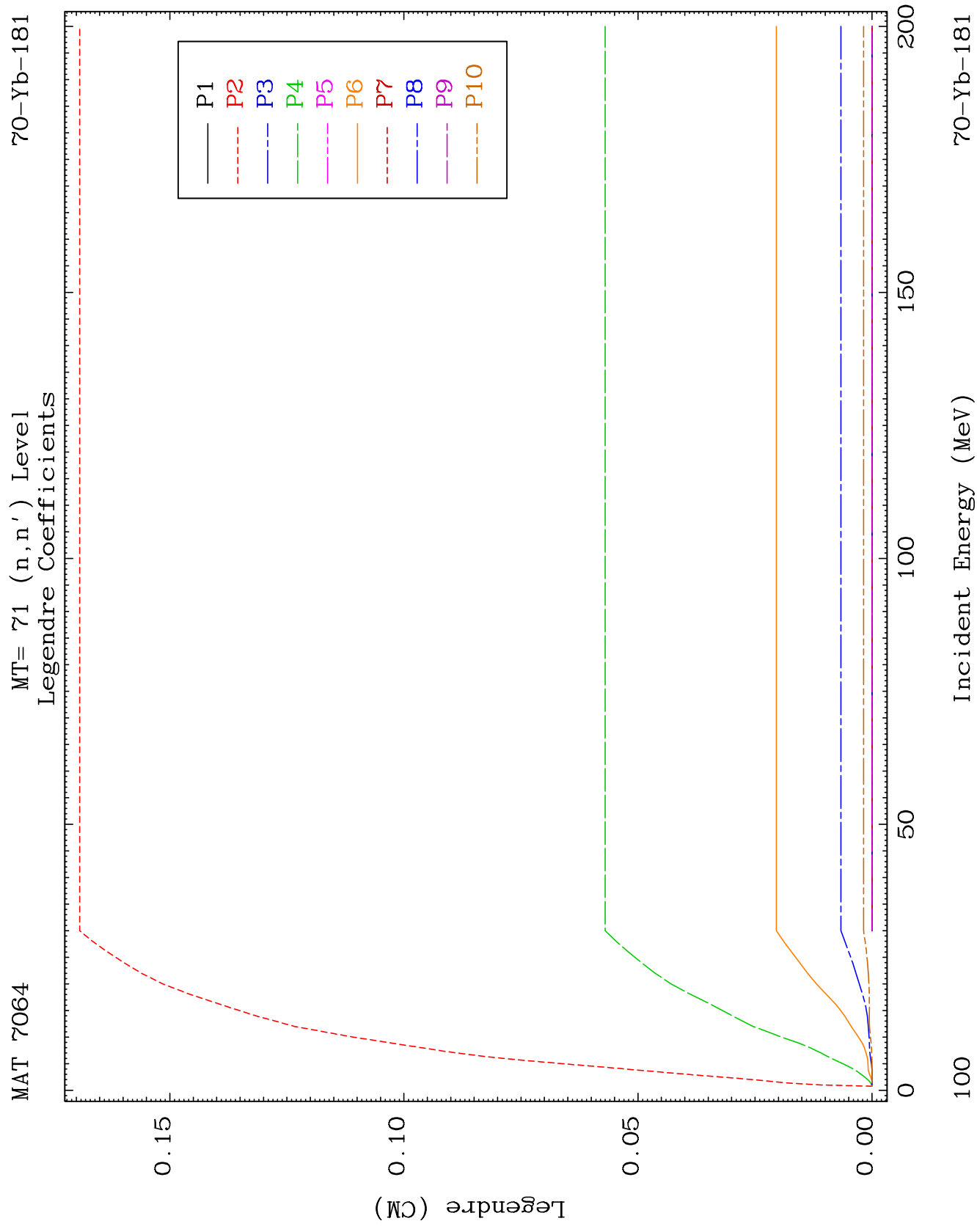


MAT 7064

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

70-Yb-181

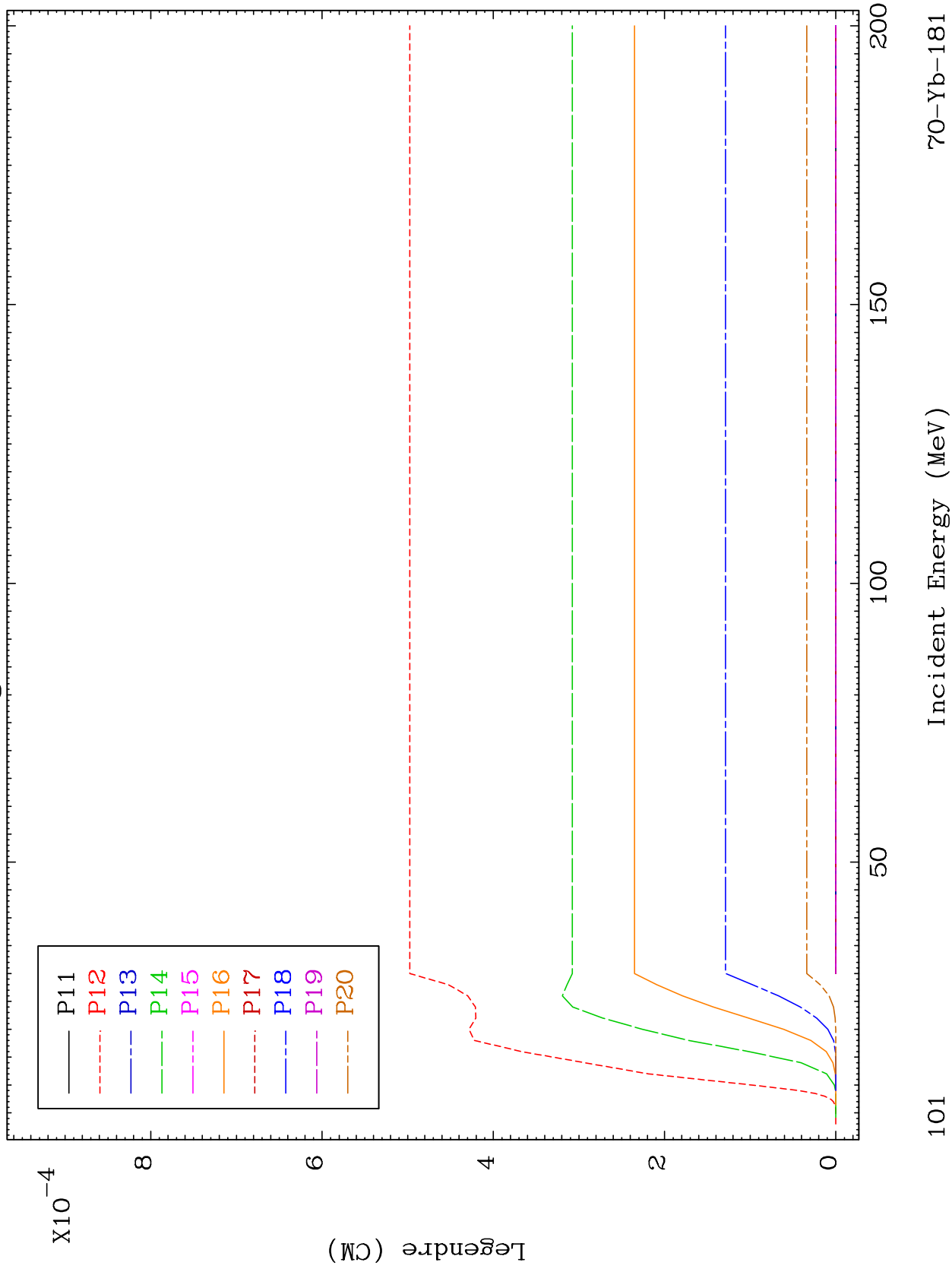


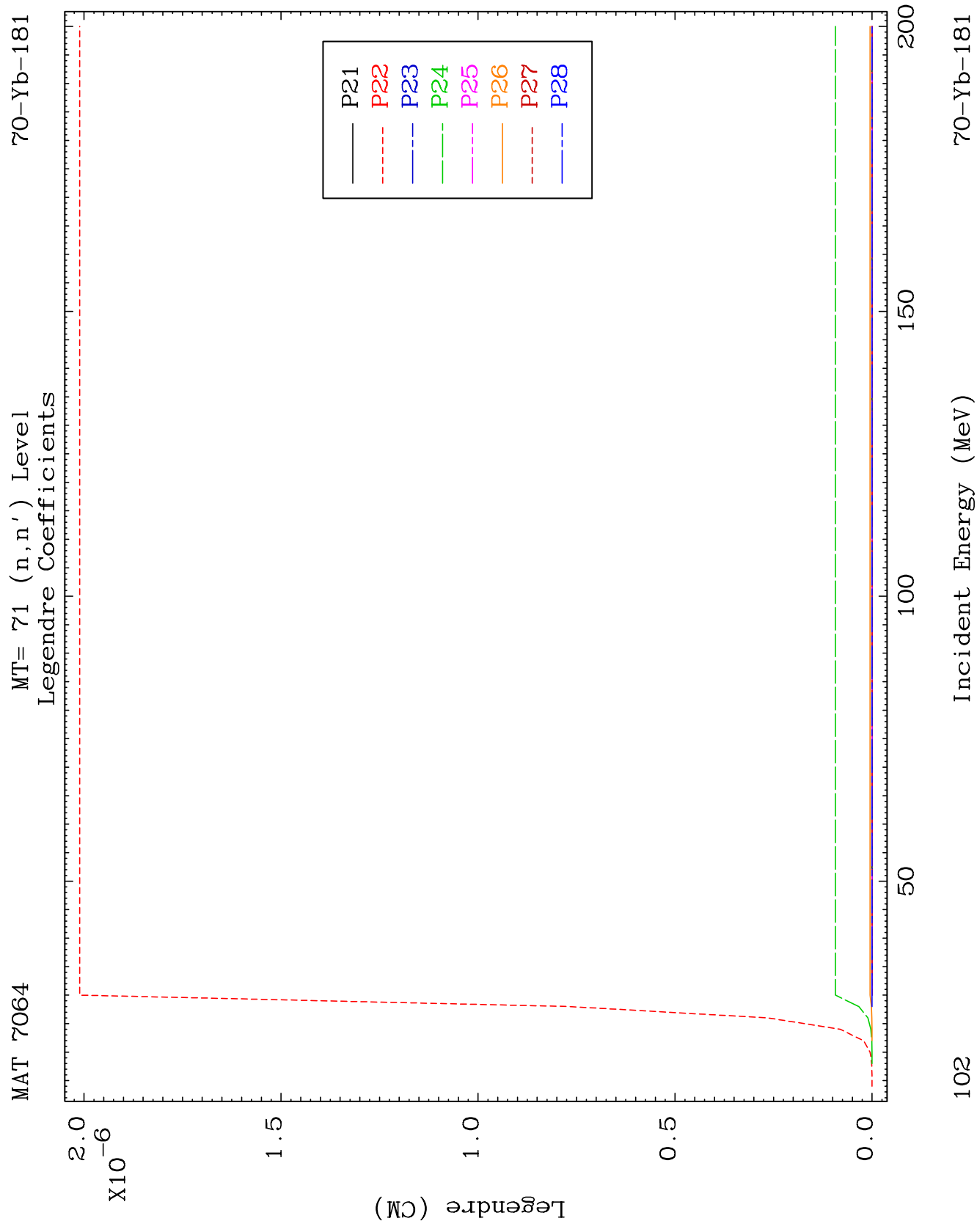


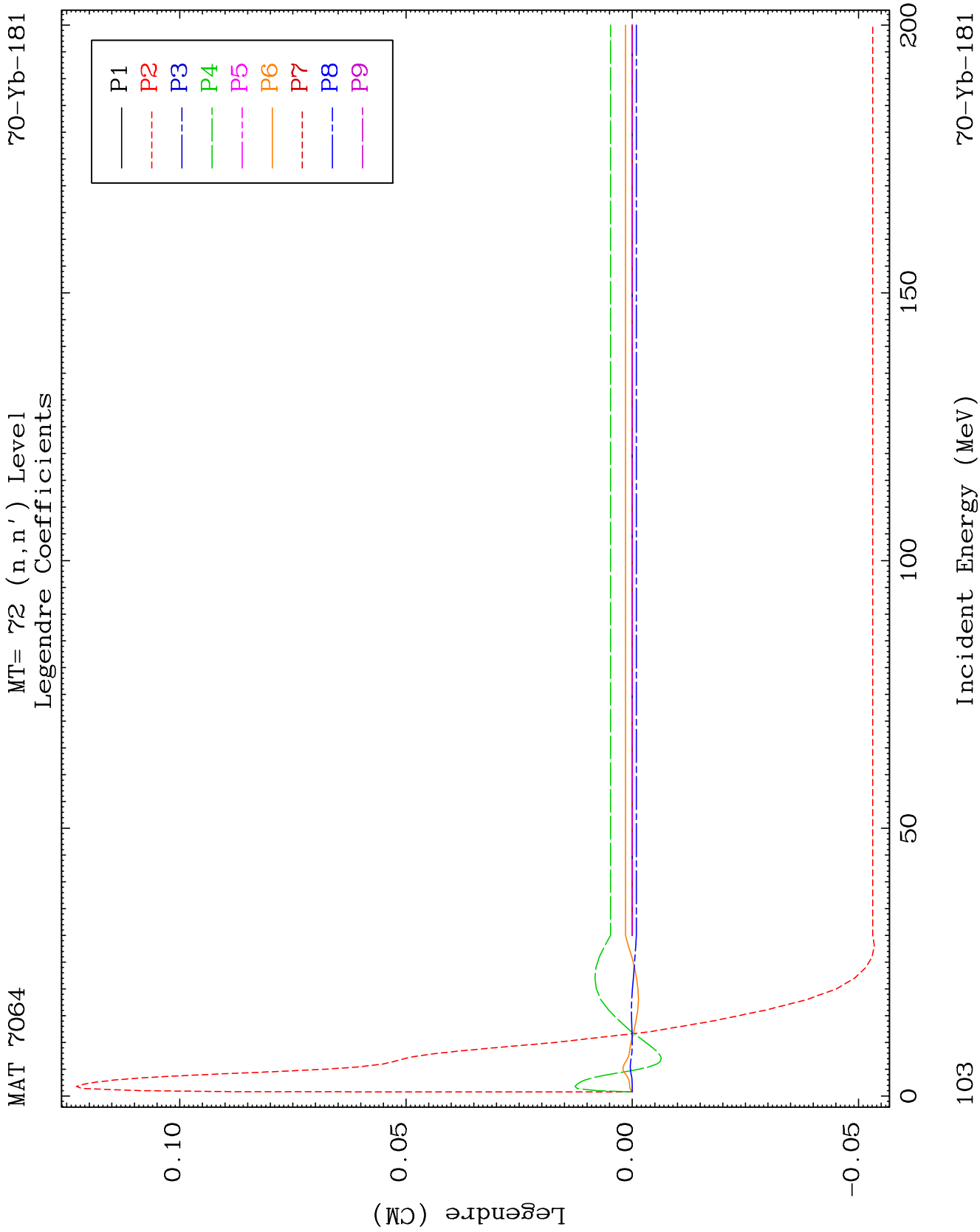
MAT 7064

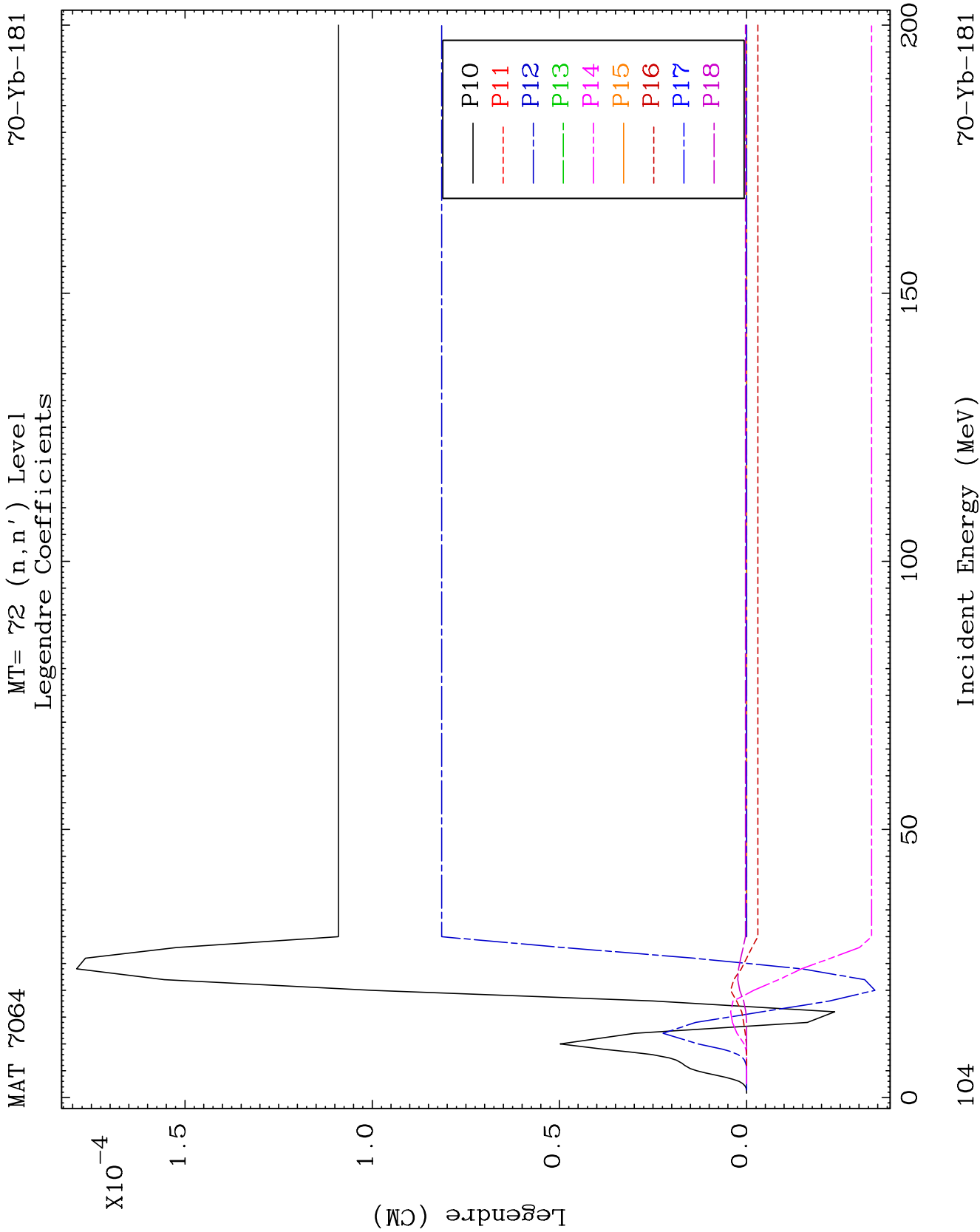
MT= 71 (n, n') Level
Legendre Coefficients

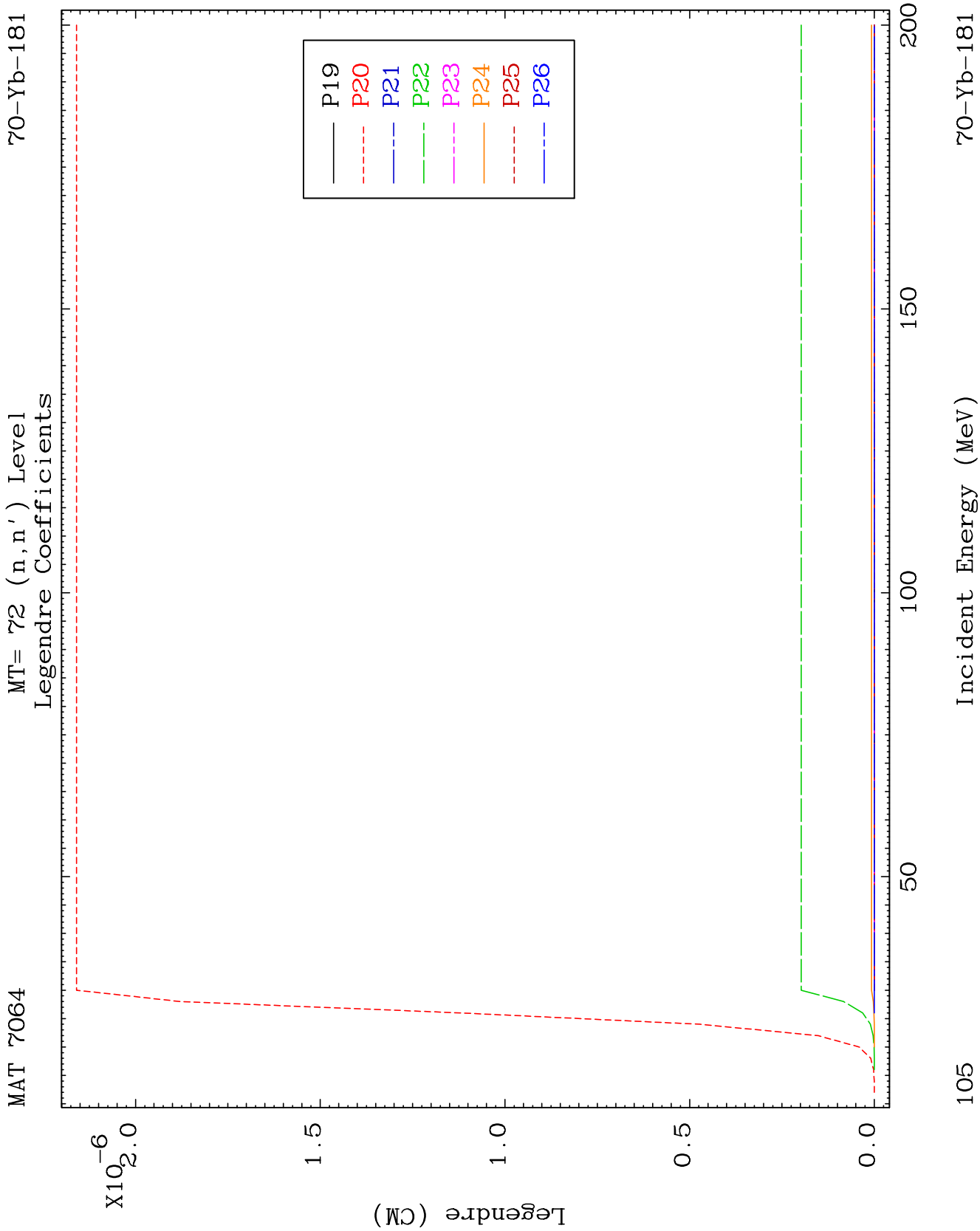
70-Yb-181







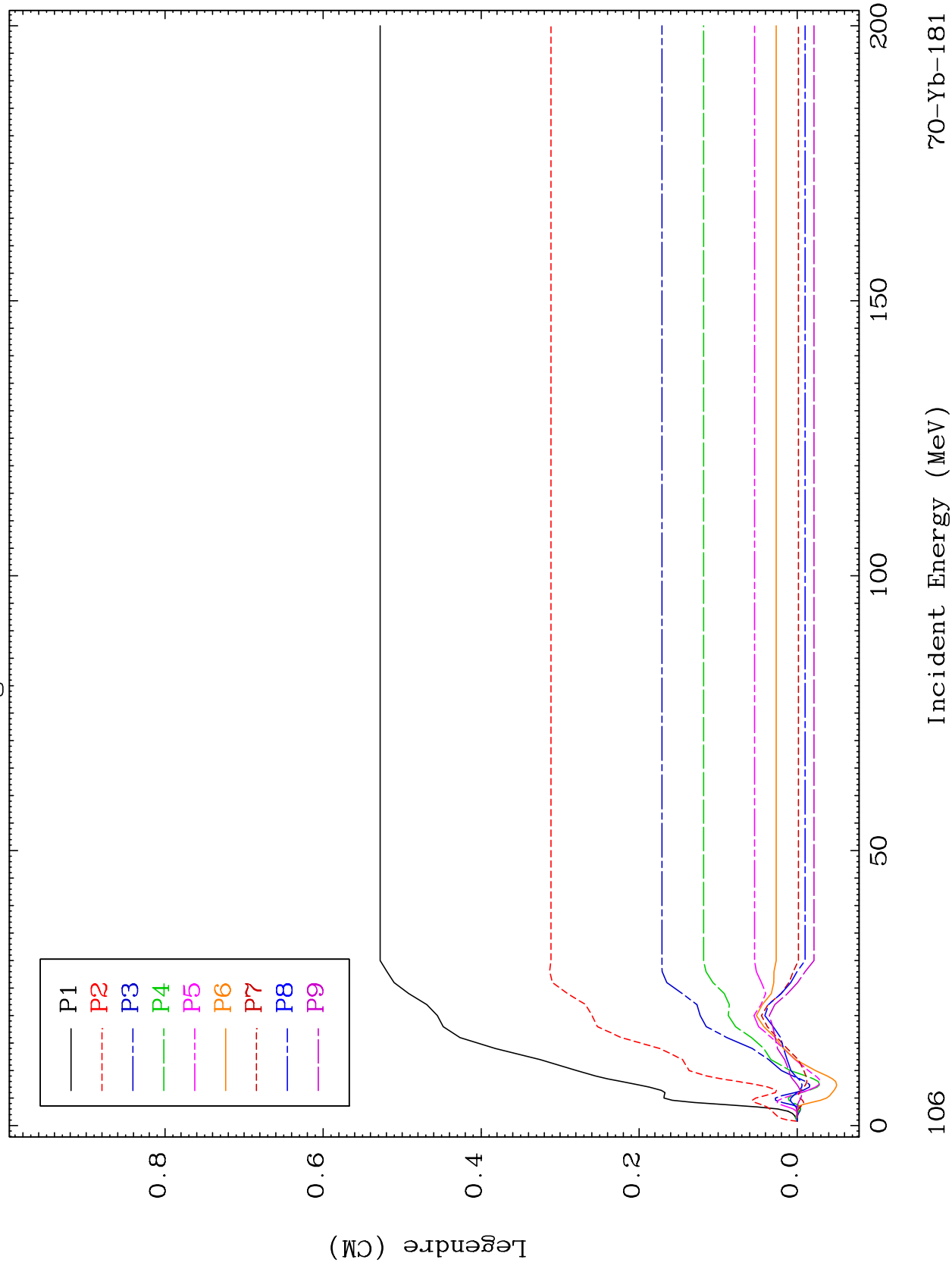




MAT 7064

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

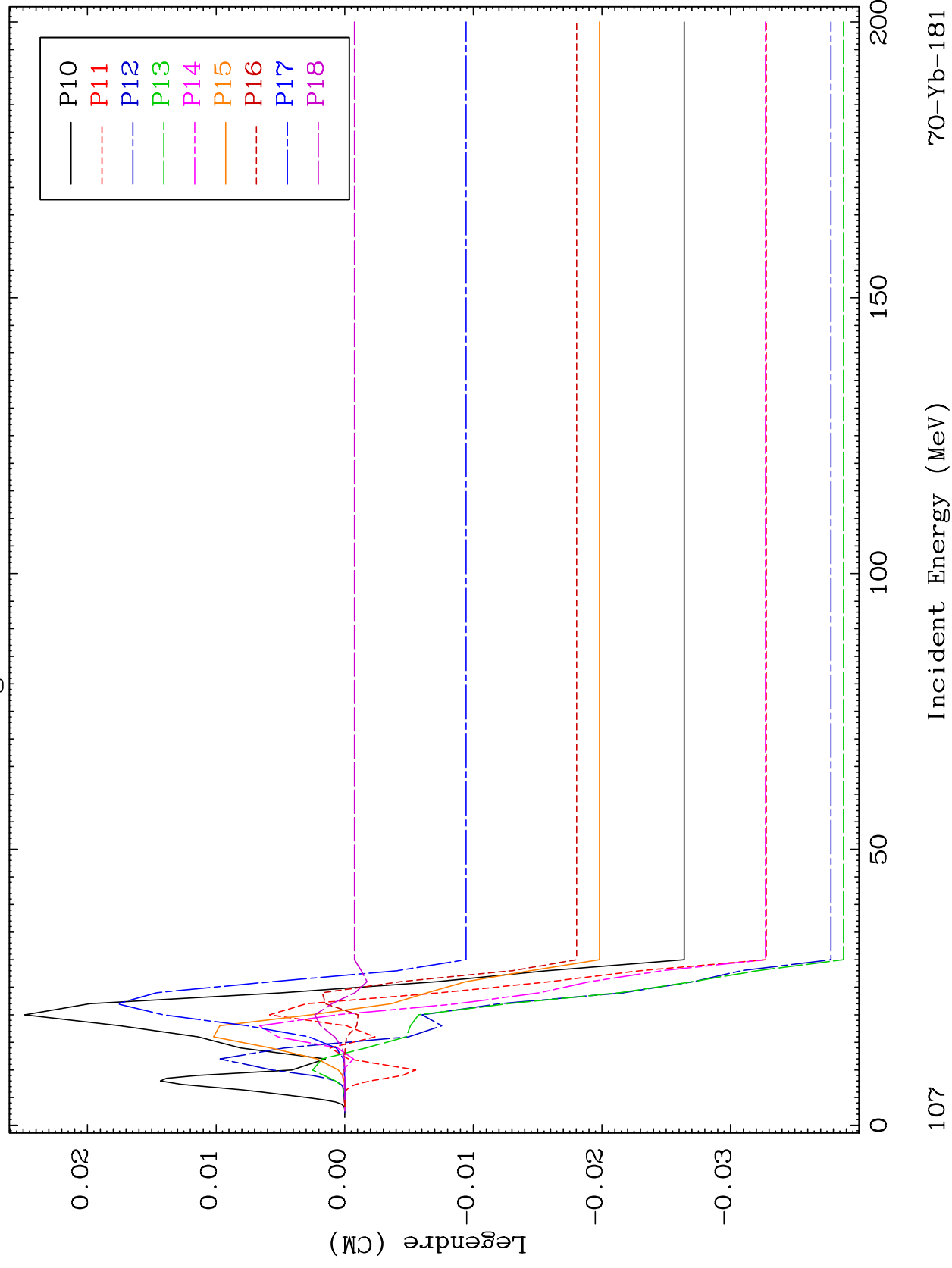
70-Yb-181

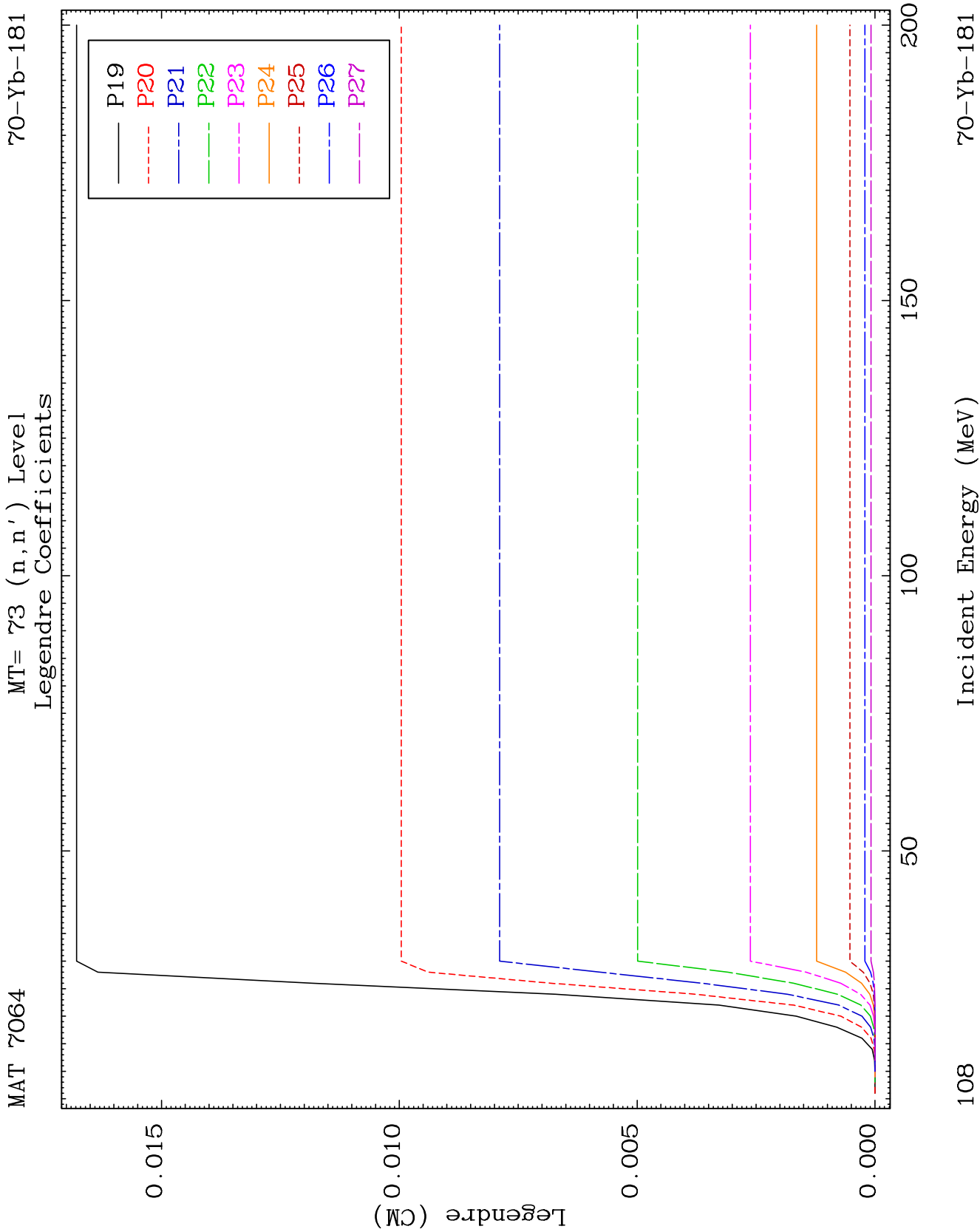


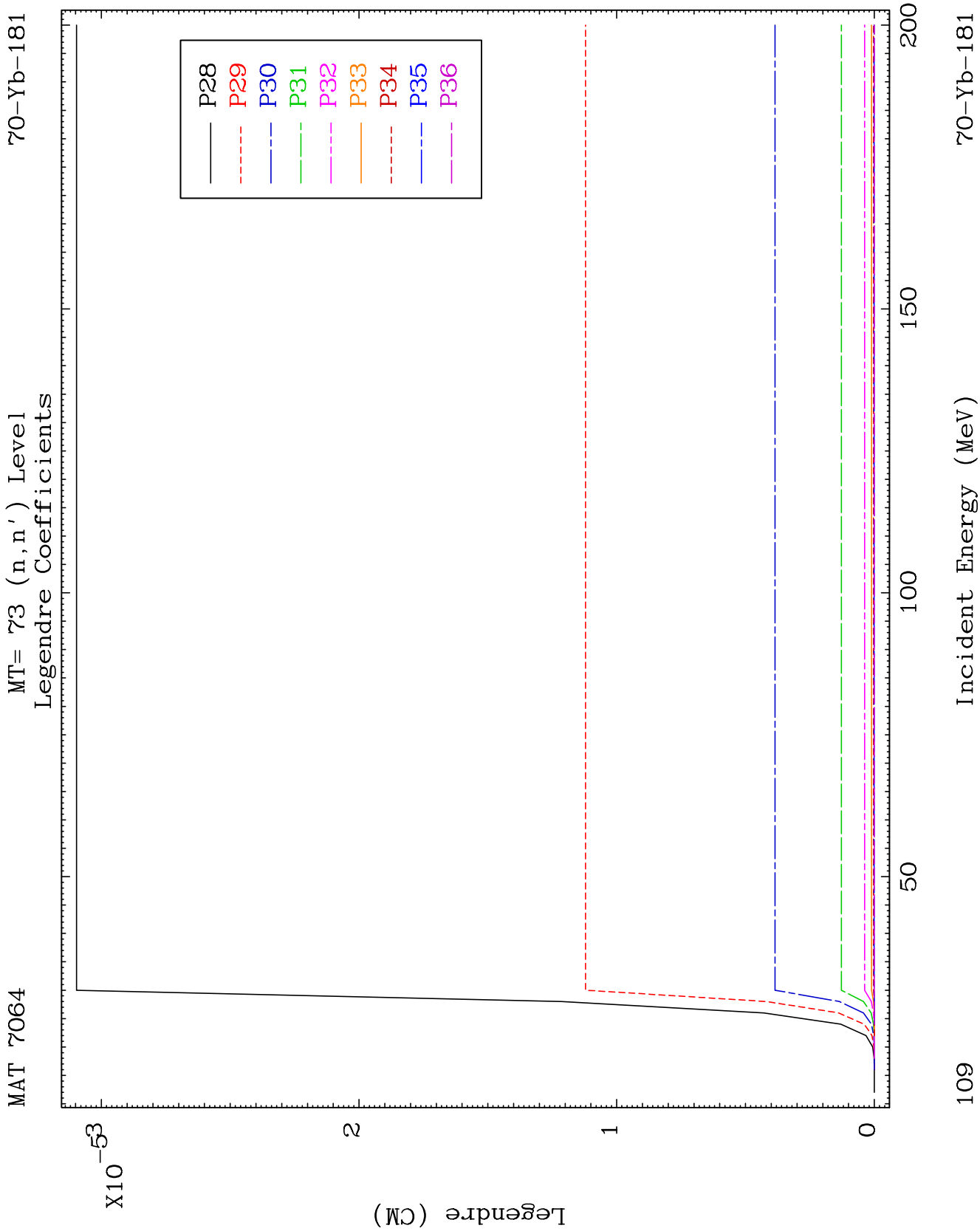
MAT 7064

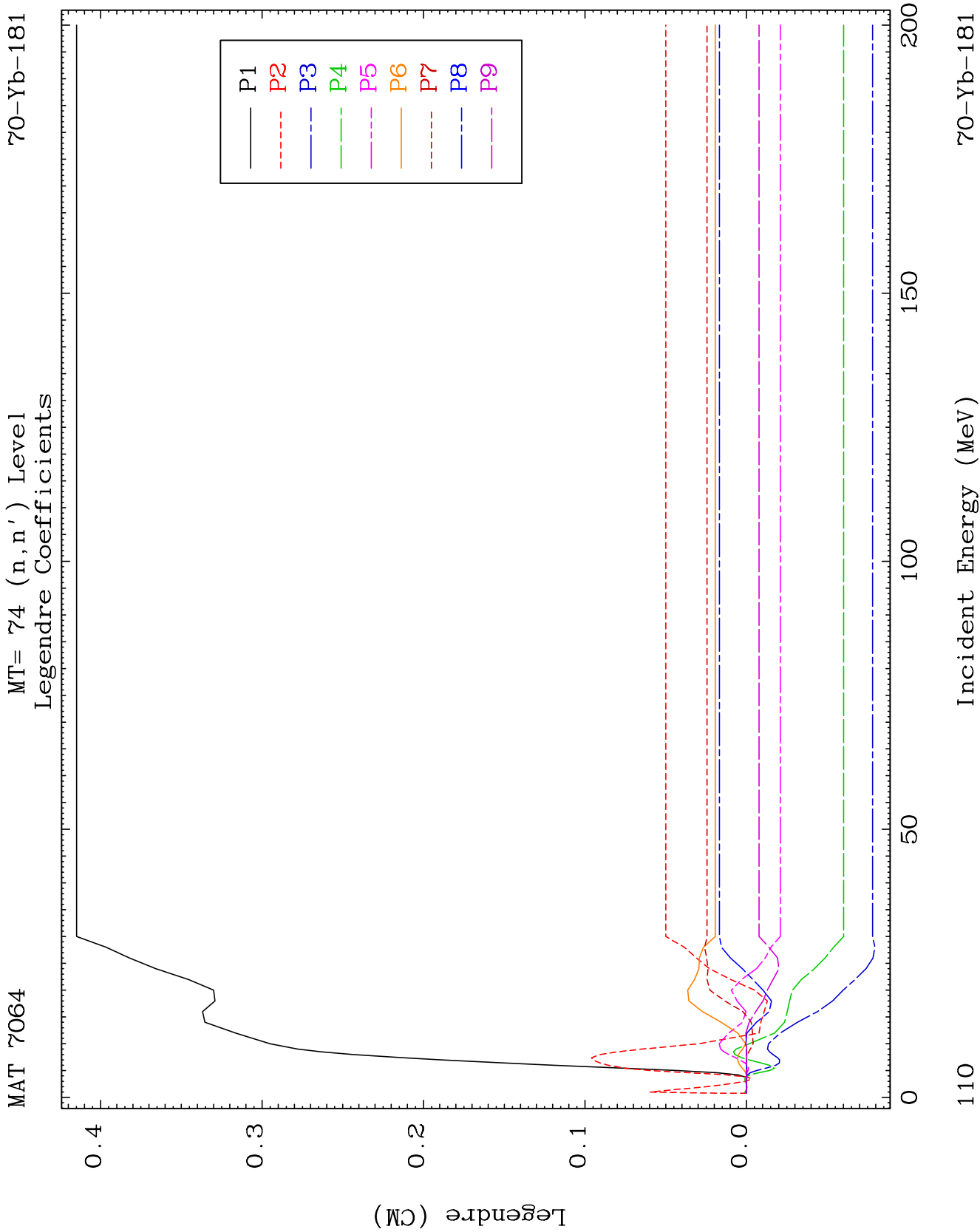
MT= 73 (n, n') Level
Legendre Coefficients

70-Yb-181





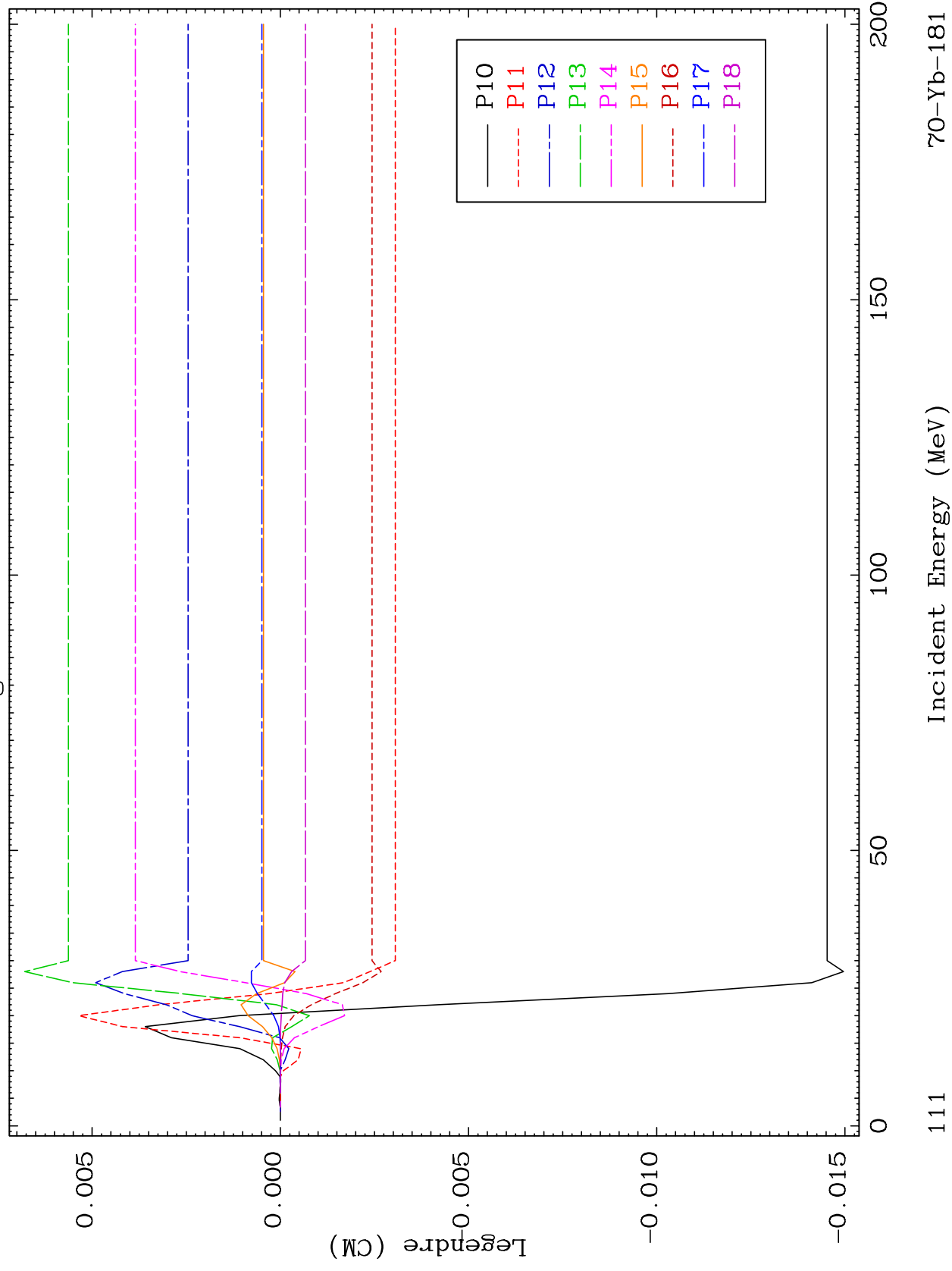




MAT 7064

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

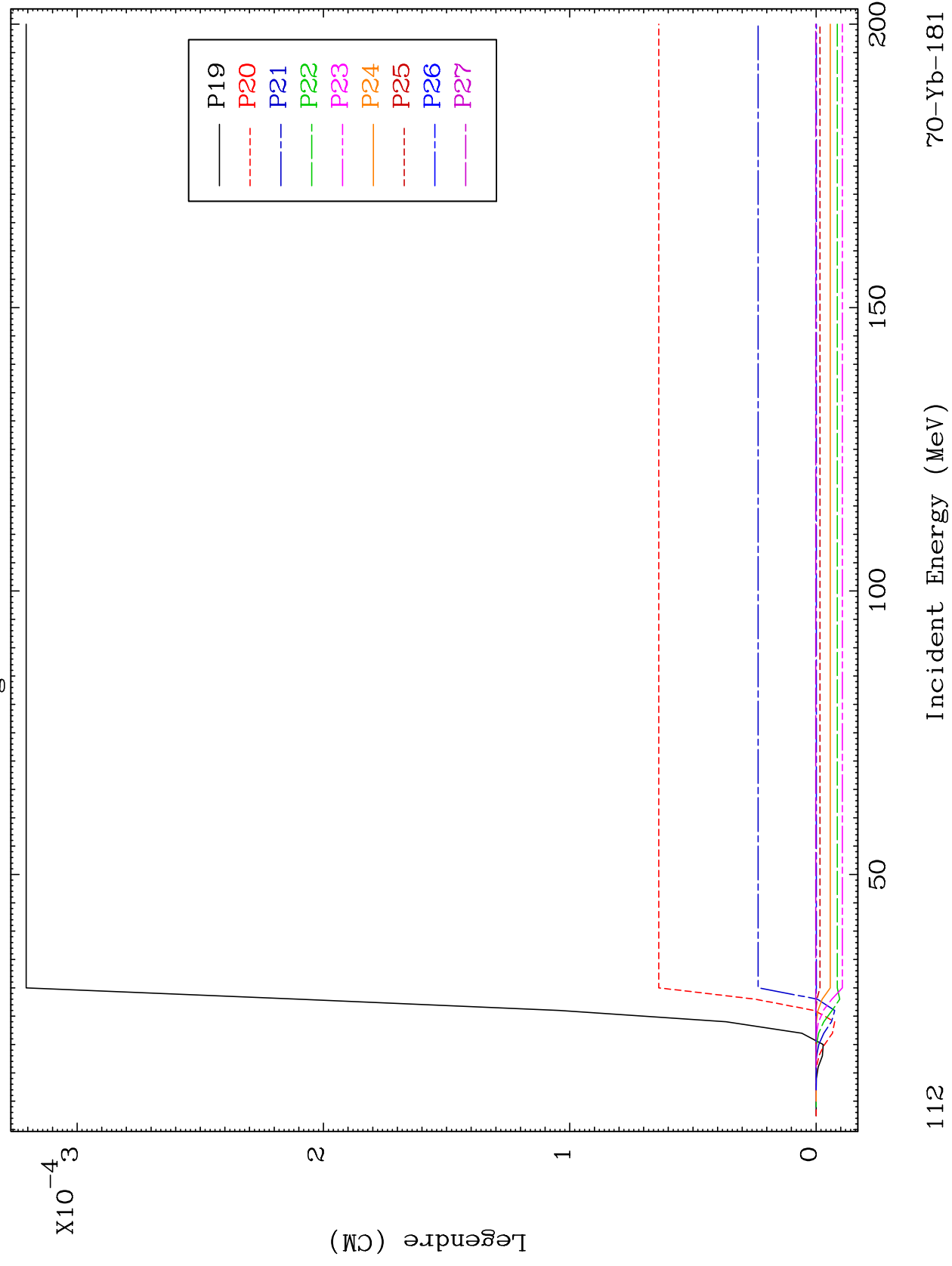
70-Yb-181



MAT 7064

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

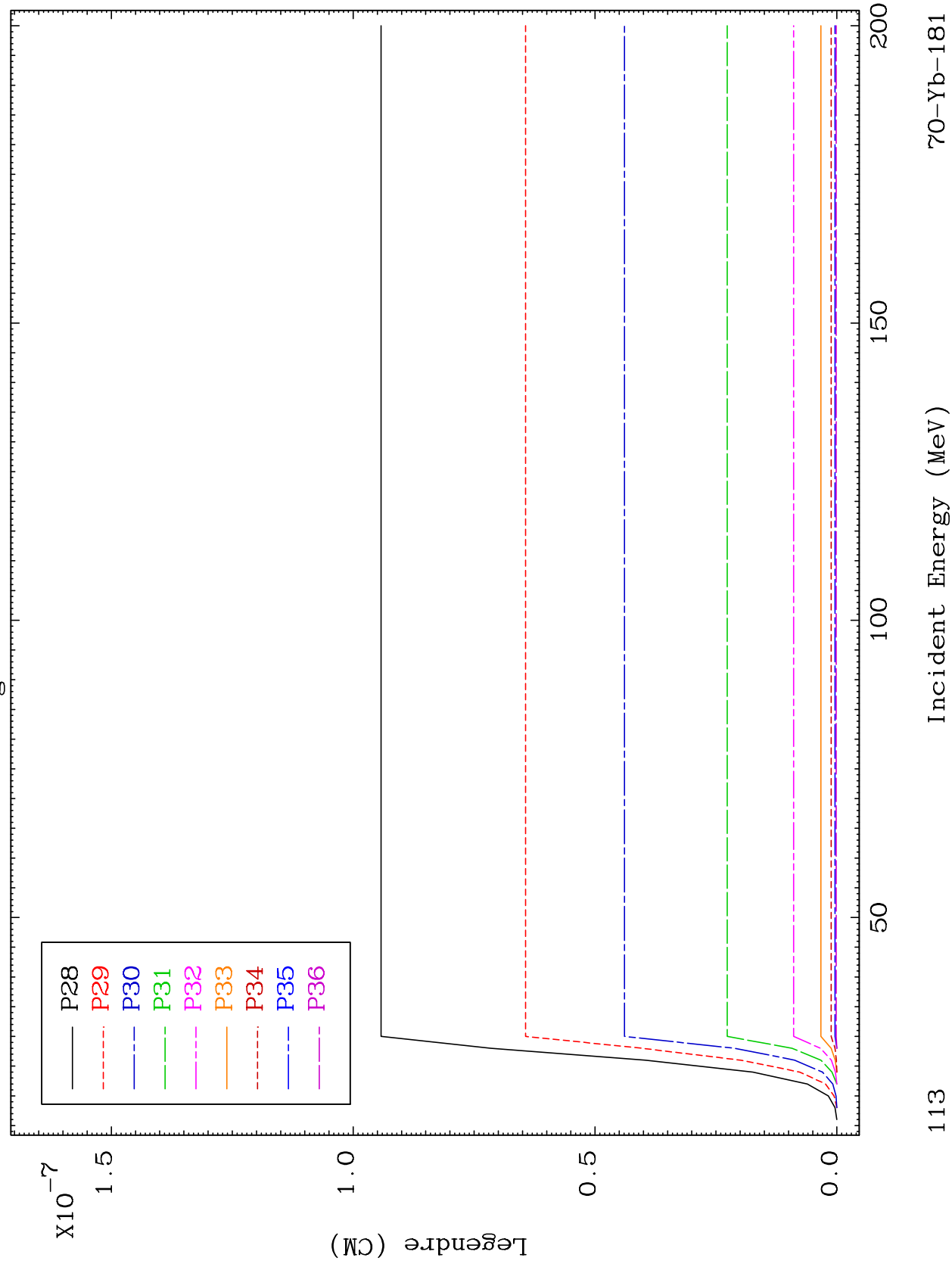
70-Yb-181

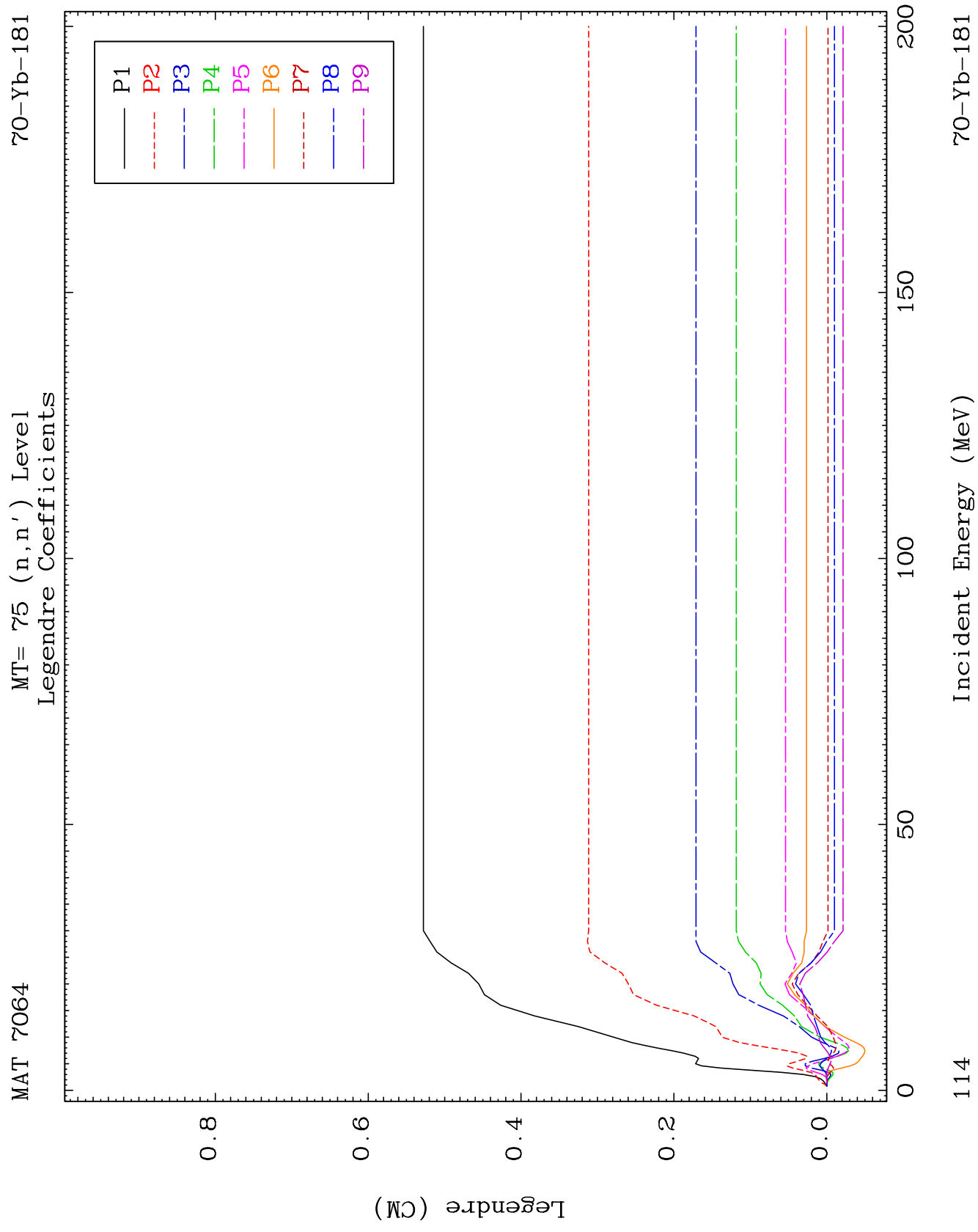


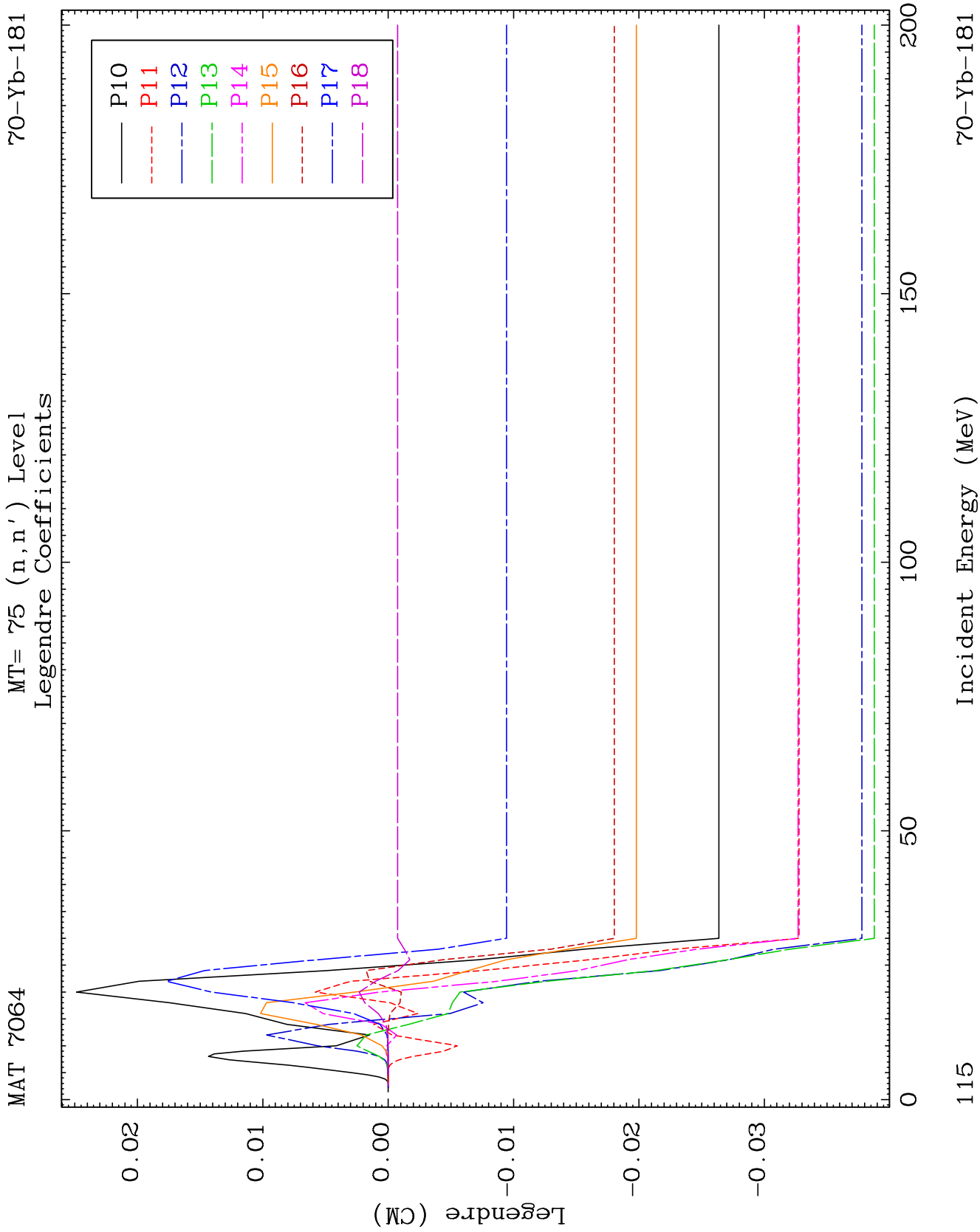
MAT 7064

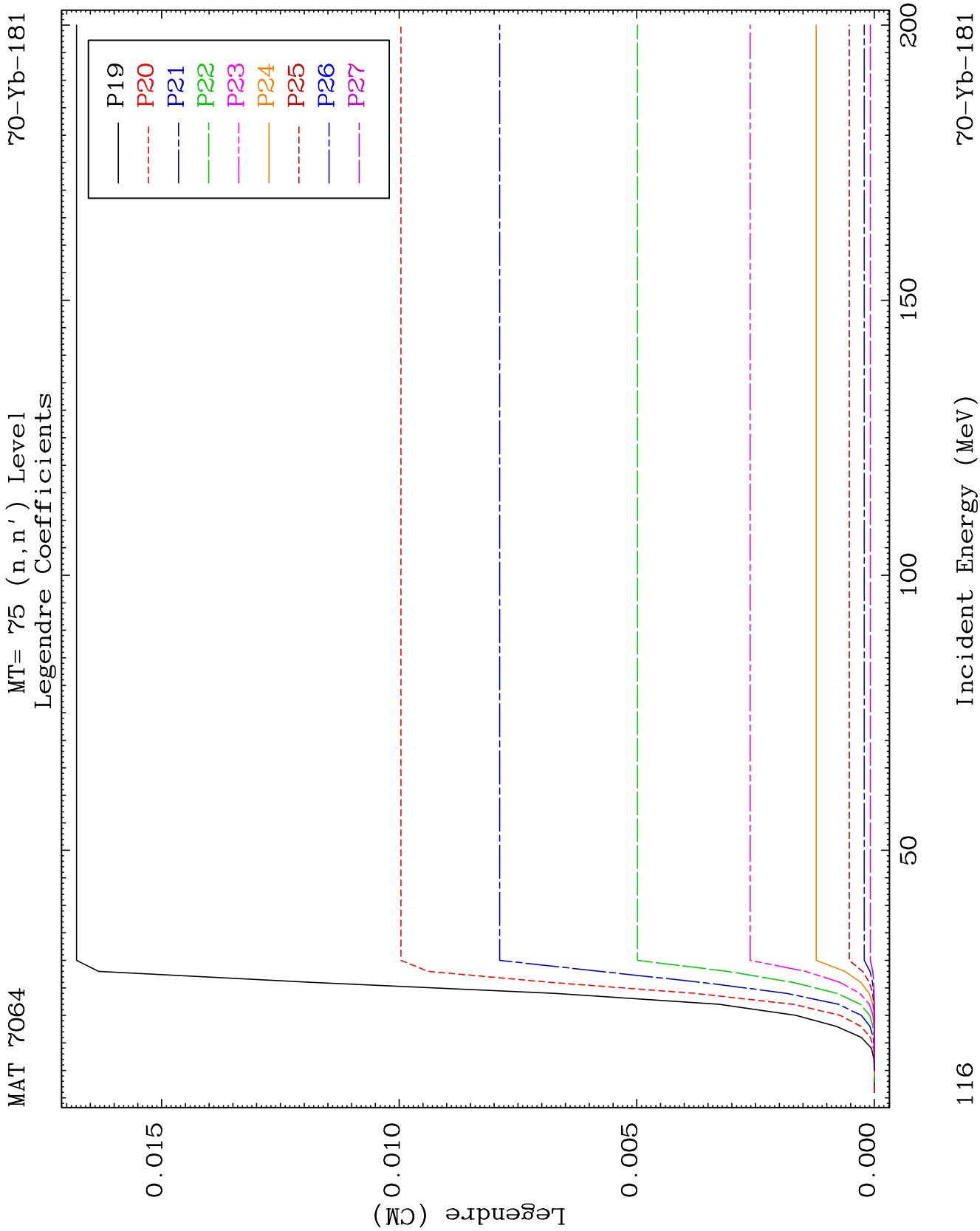
MT= 74 (n, n') Level
Legendre Coefficients

70-Yb-181





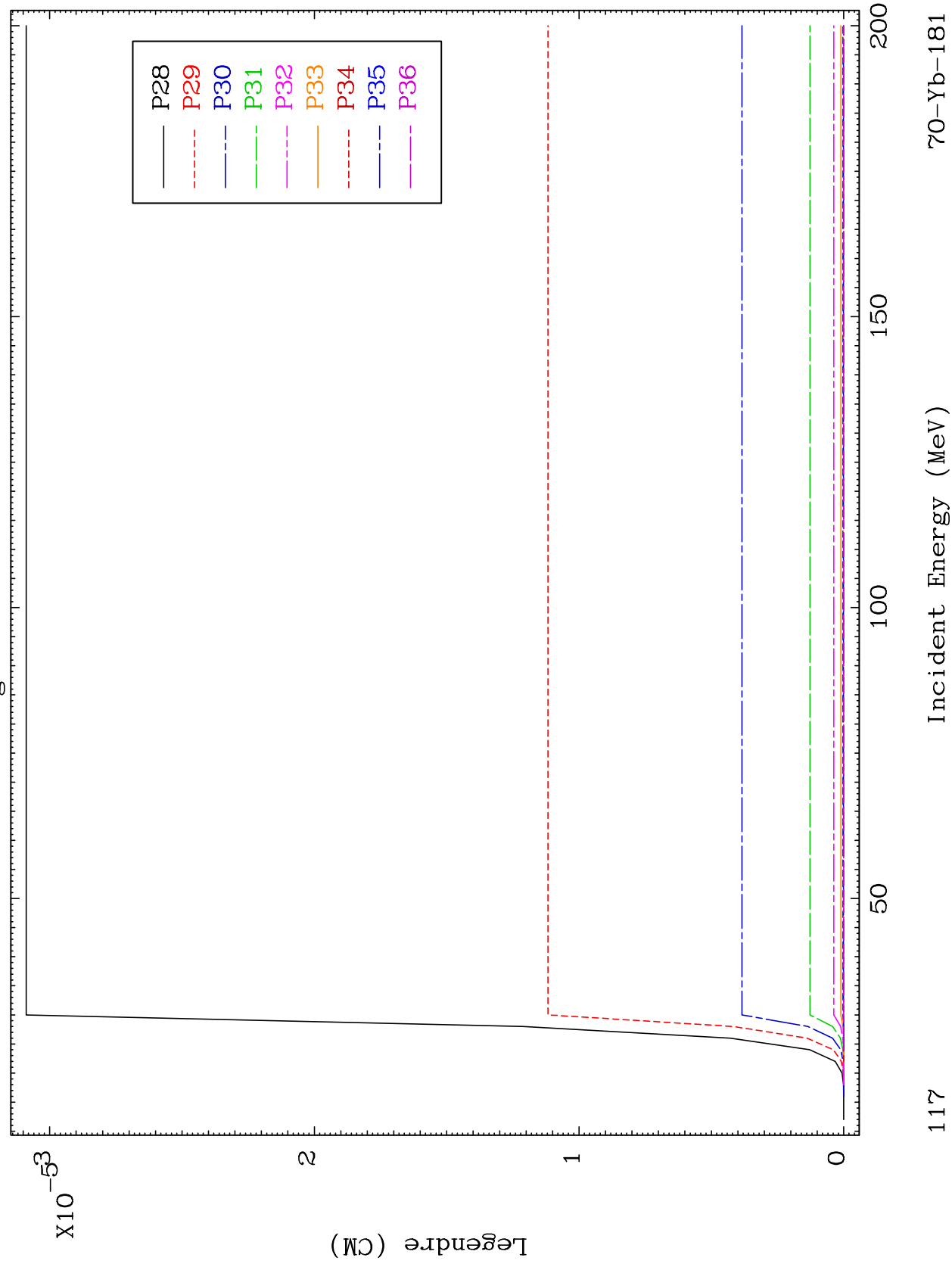




MAT 7064

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

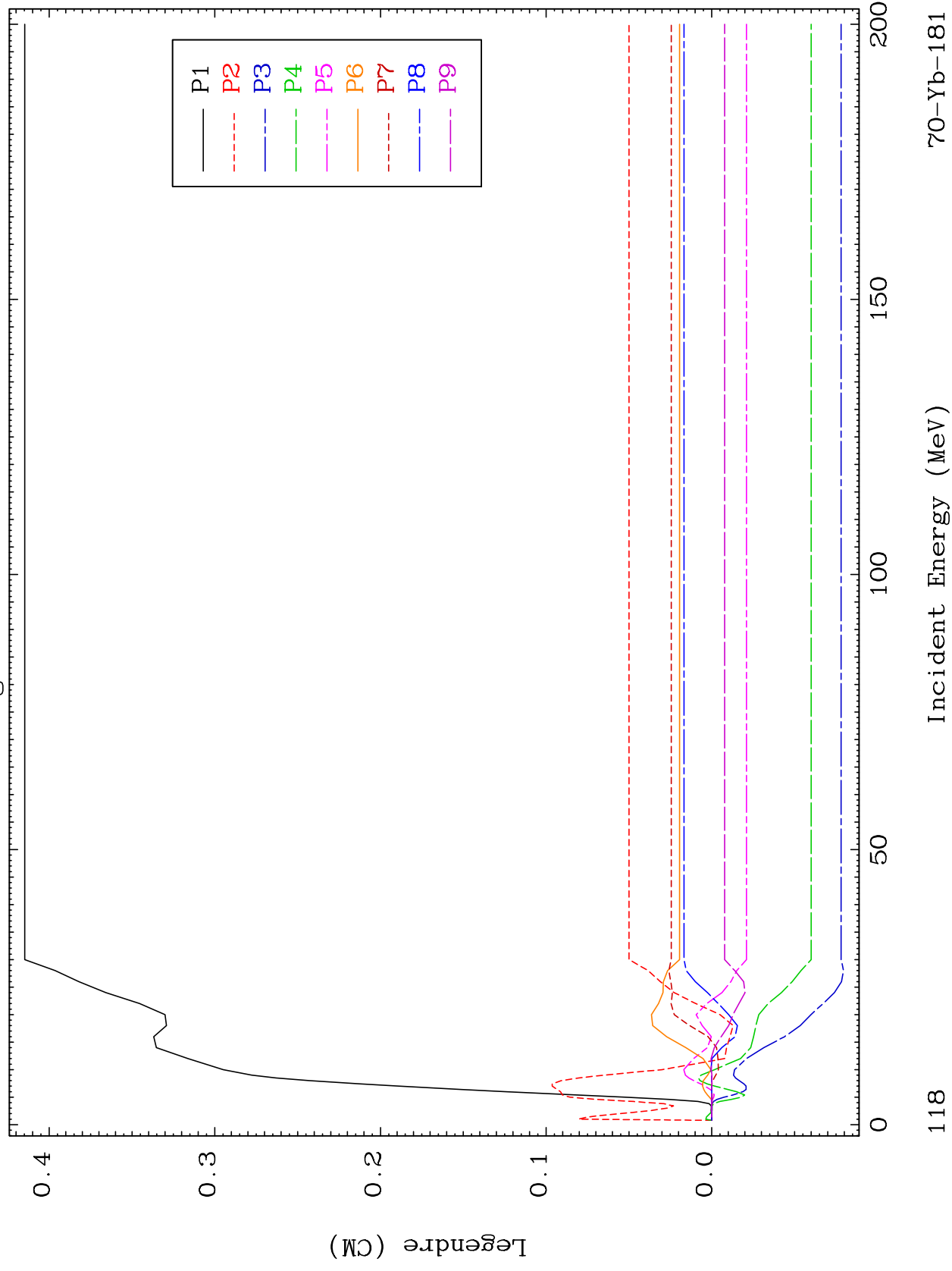
70-Yb-181

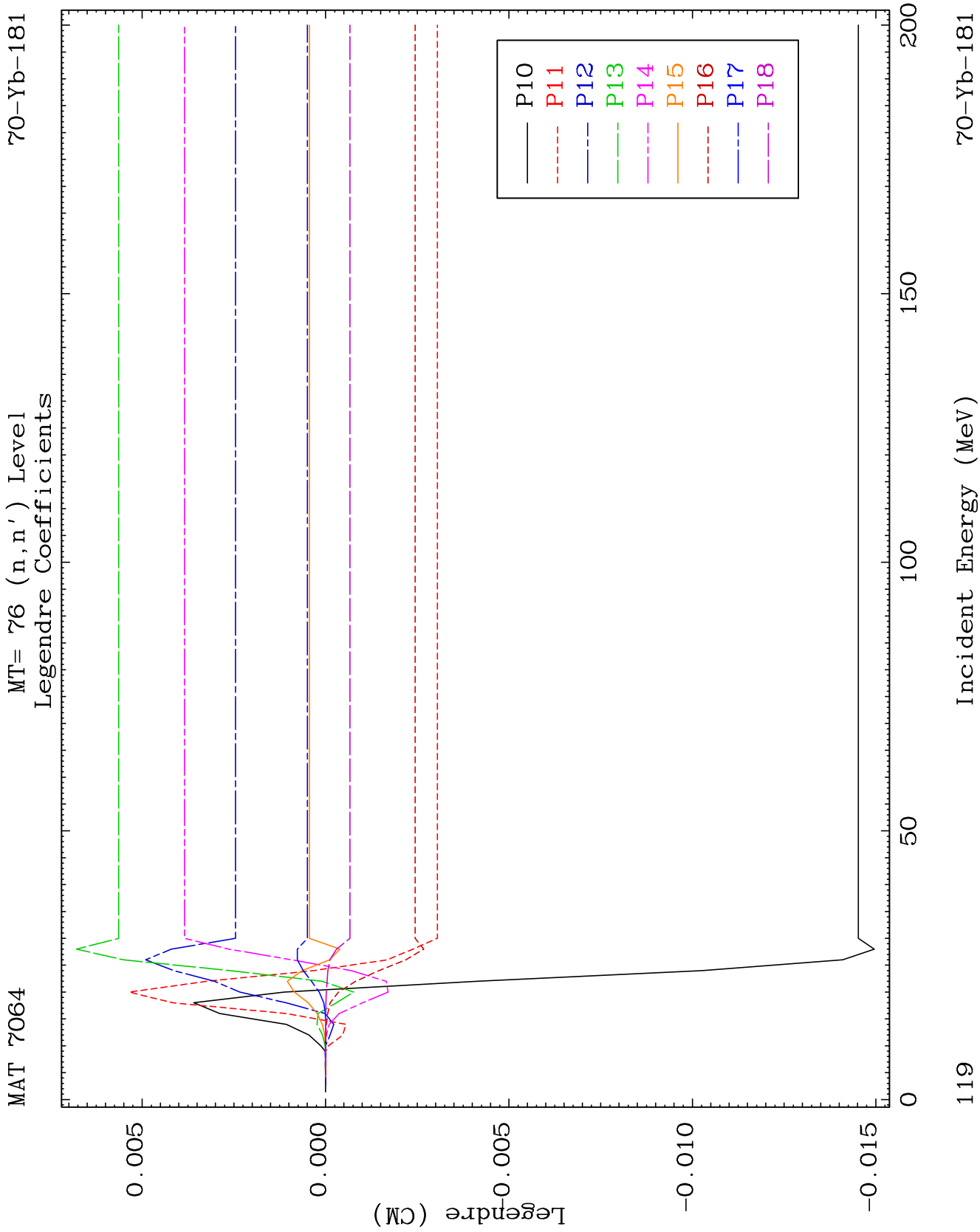


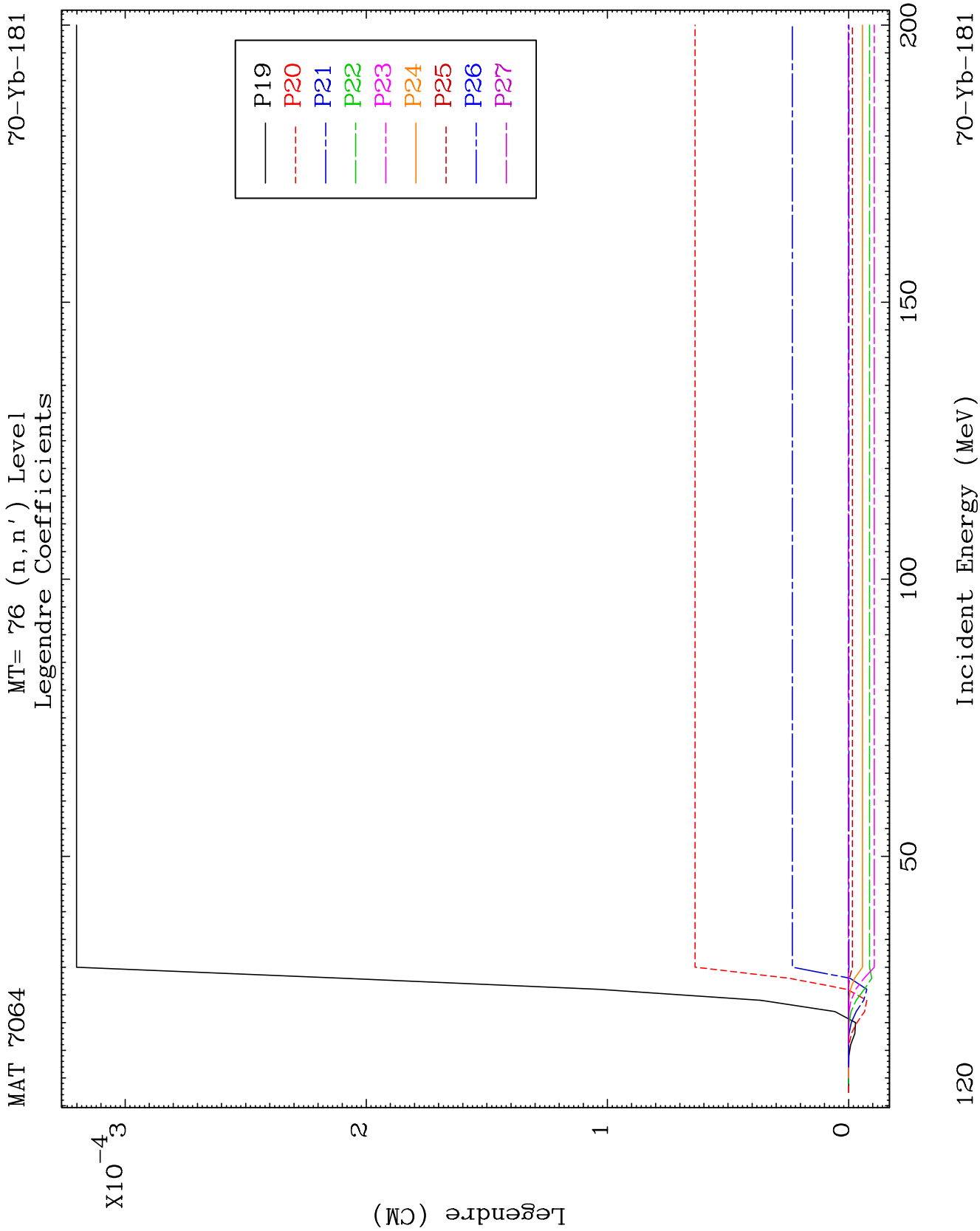
MAT 7064

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

70-Yb-181



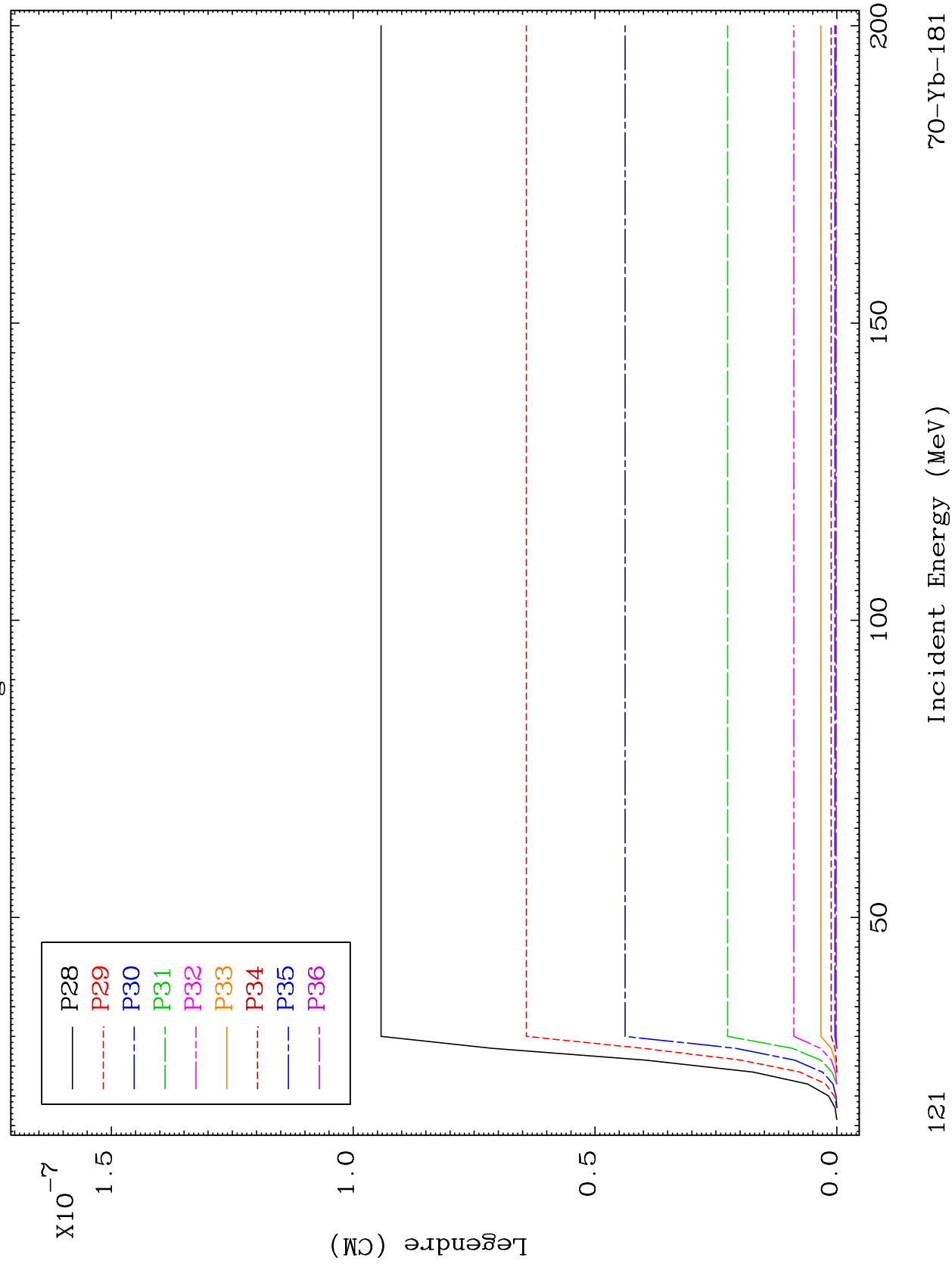




MAT 7064

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

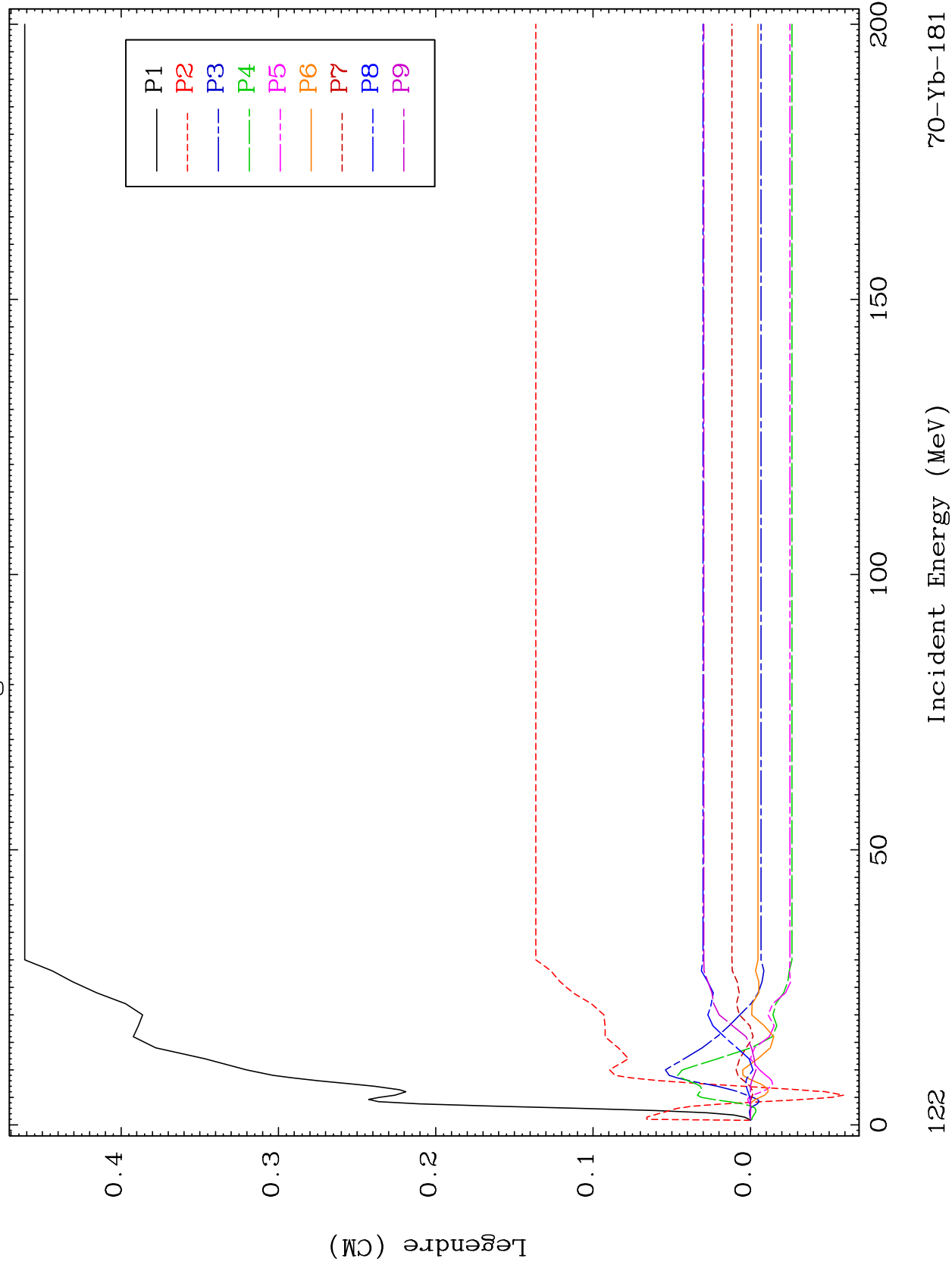
70-Yb-181

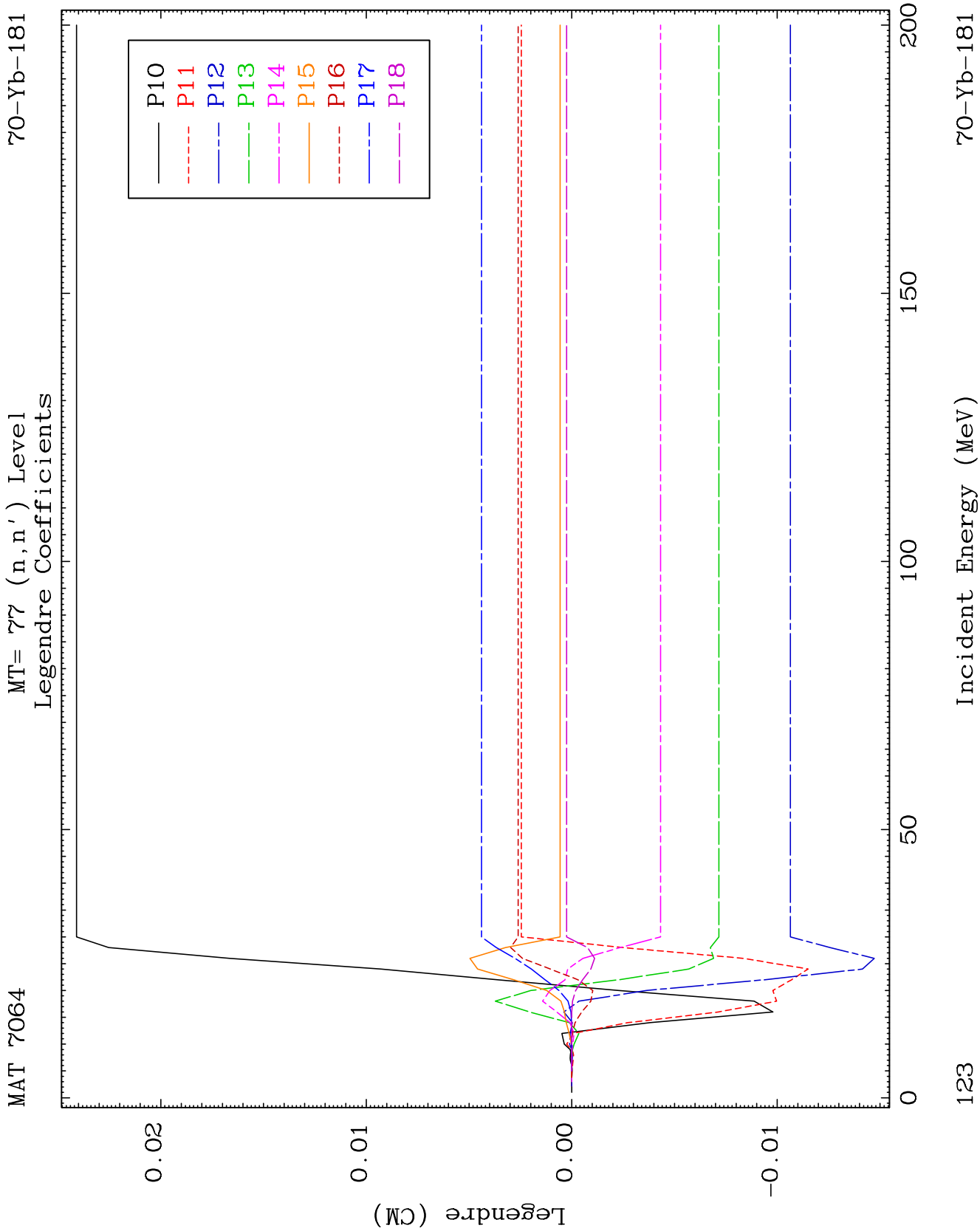


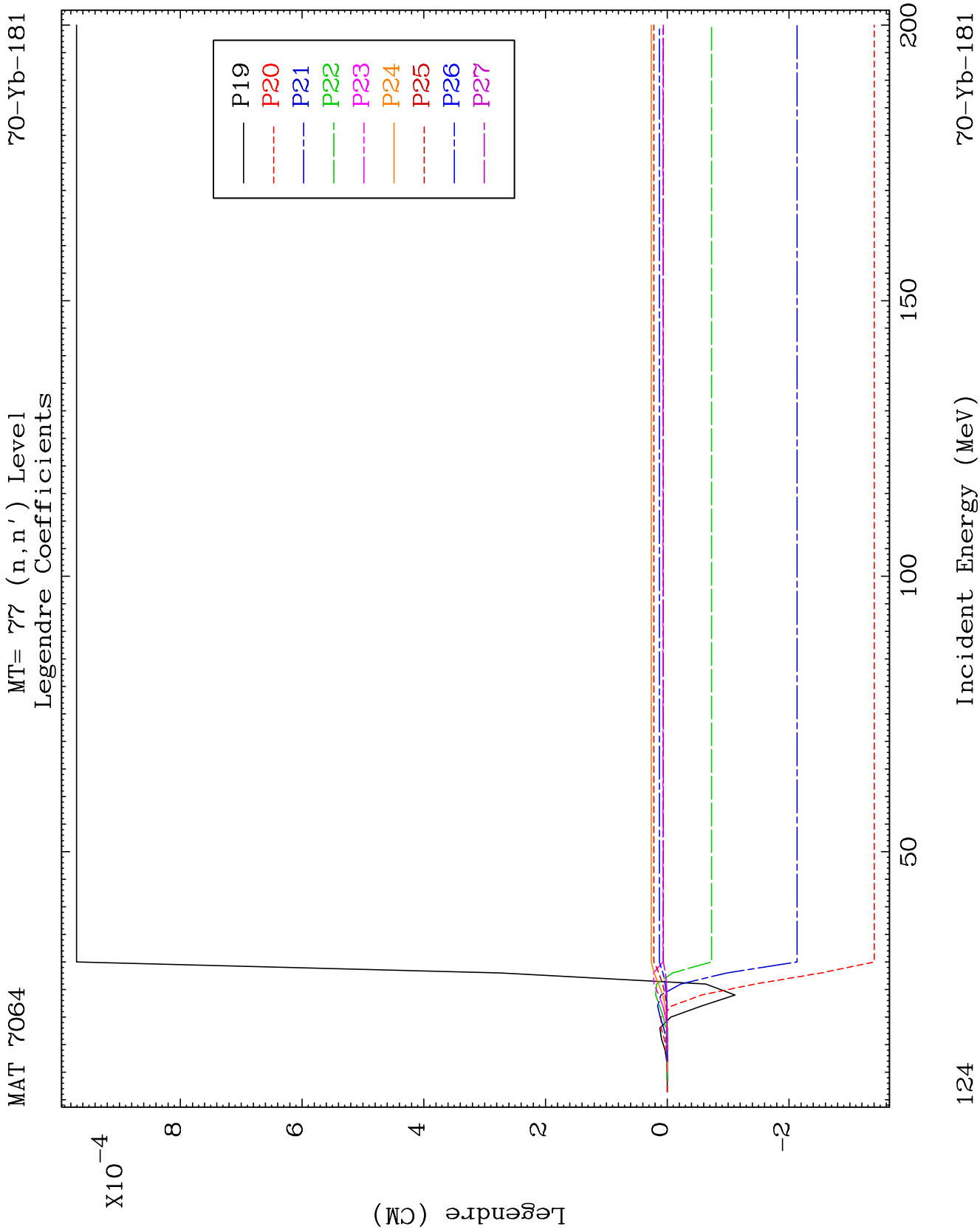
MAT 7064

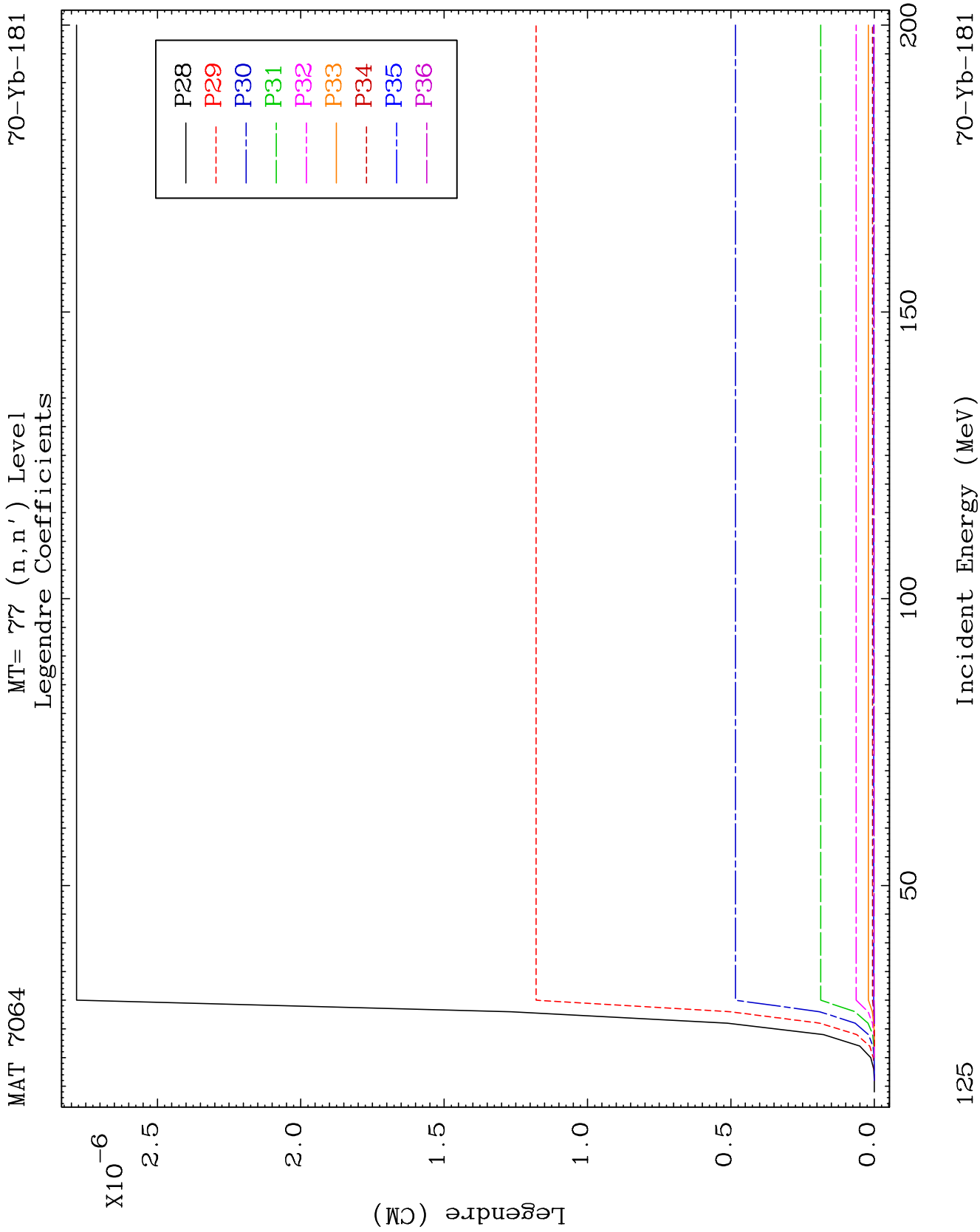
MT= 77 (n, n') Level
Legendre Coefficients

70-Yb-181





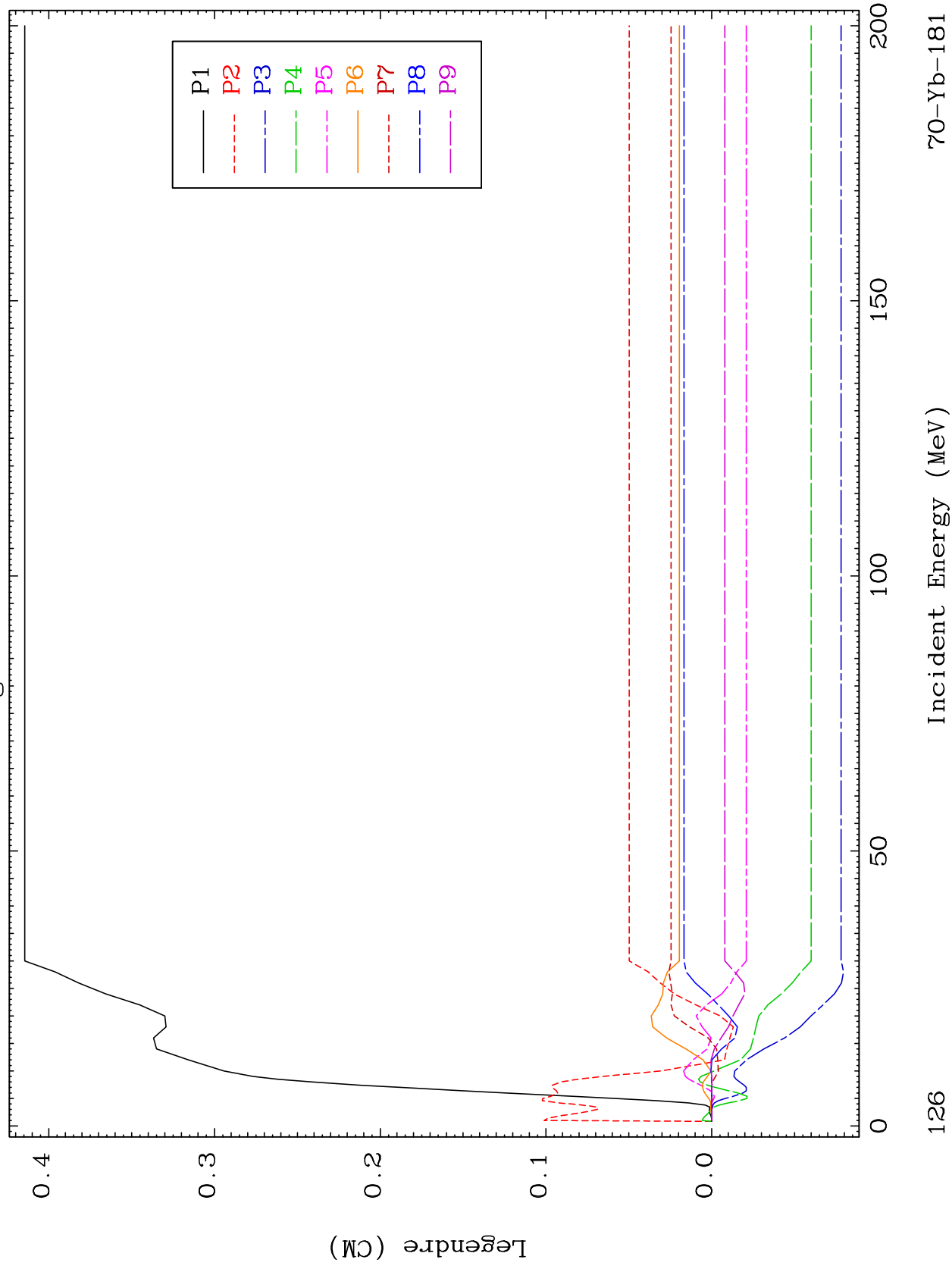


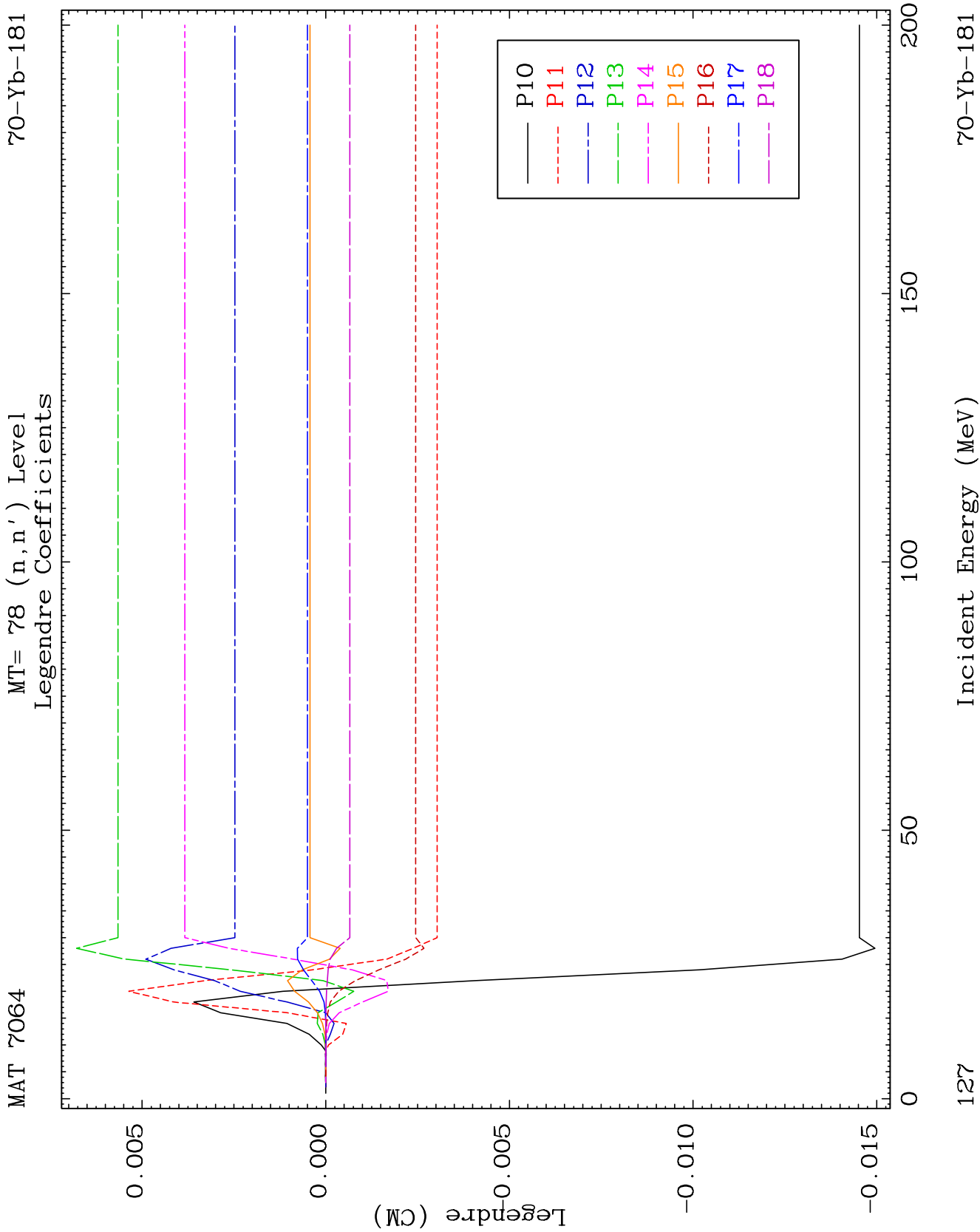


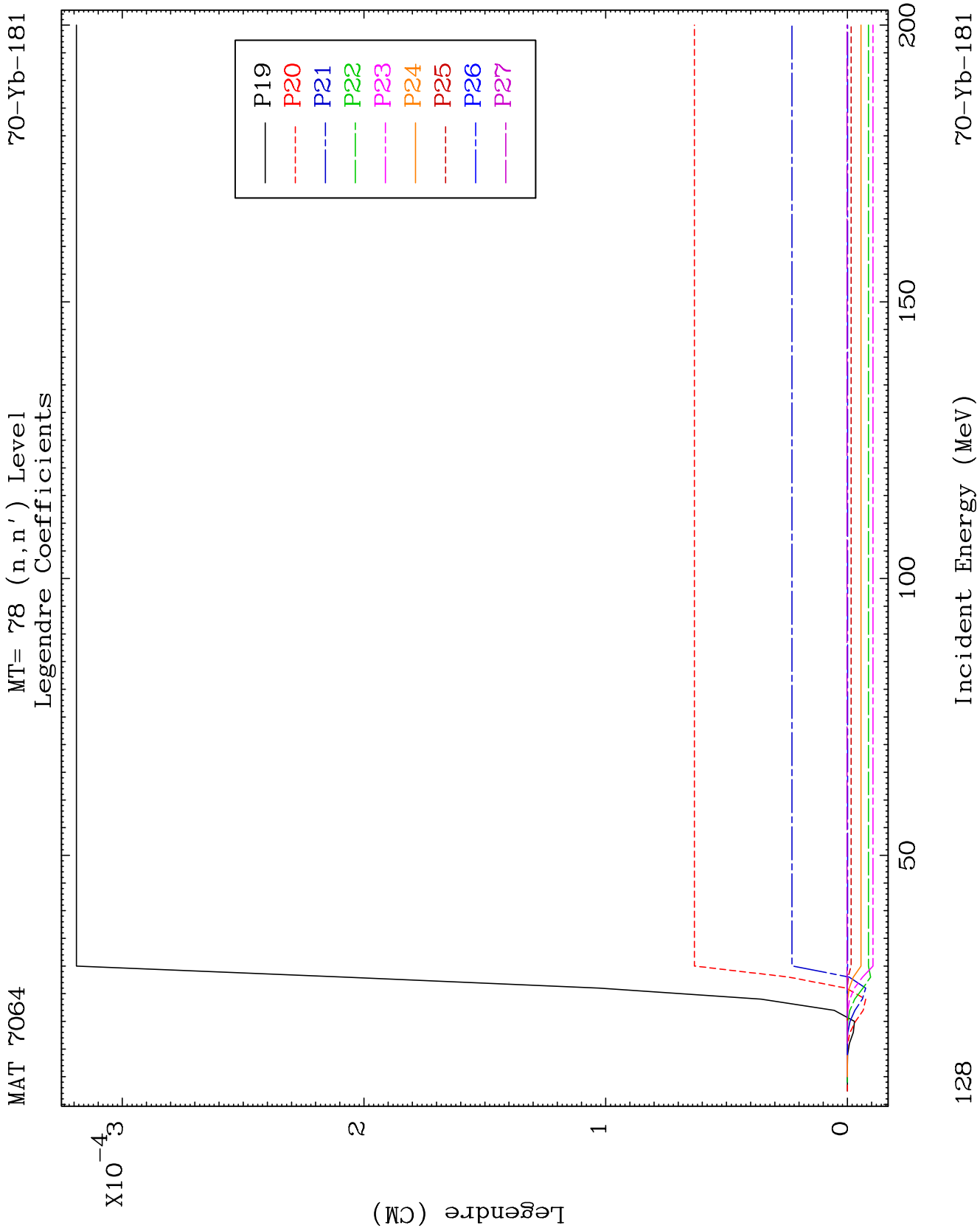
MAT 7064

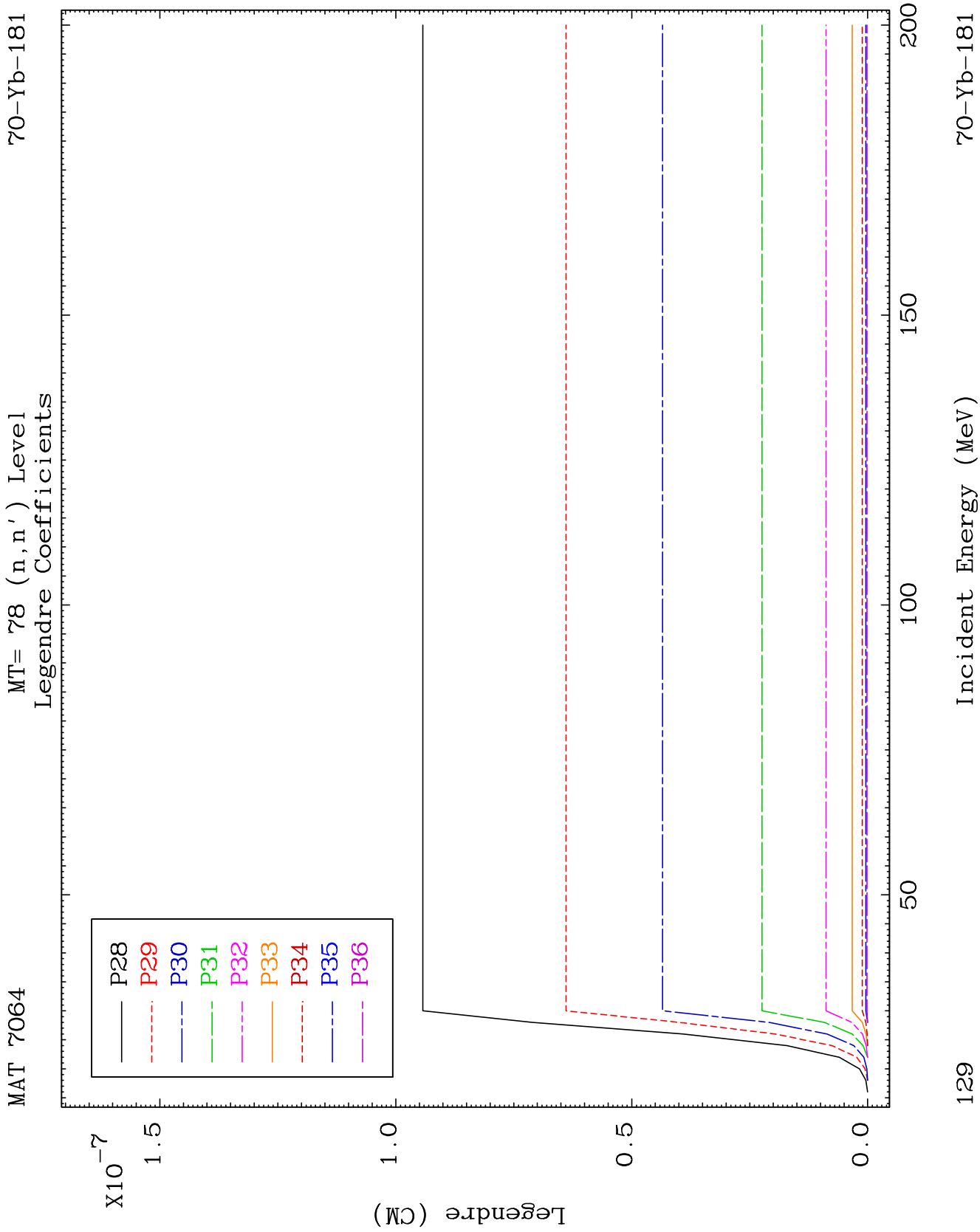
MT= 78 (n, n') Level
Legendre Coefficients

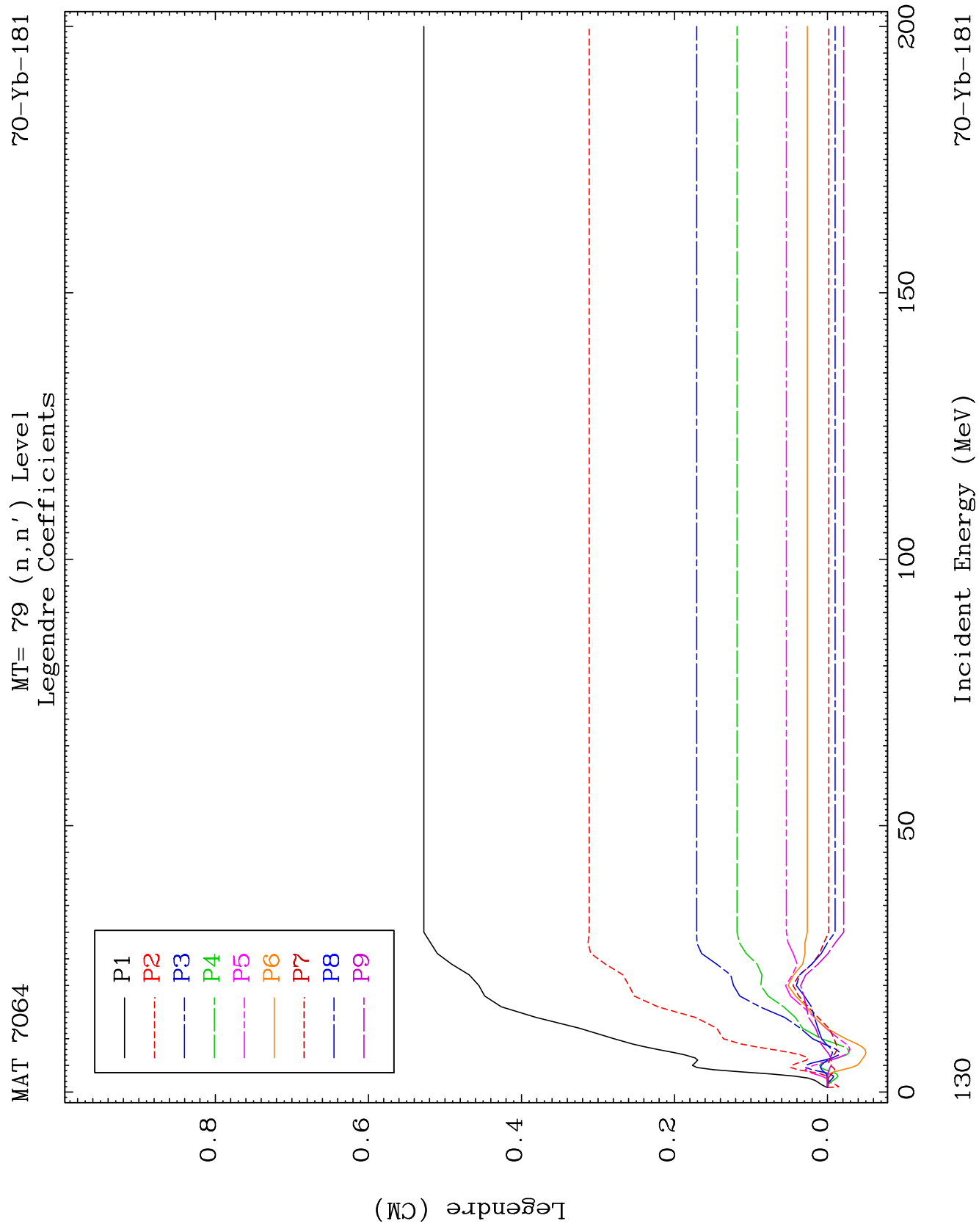
70-Yb-181

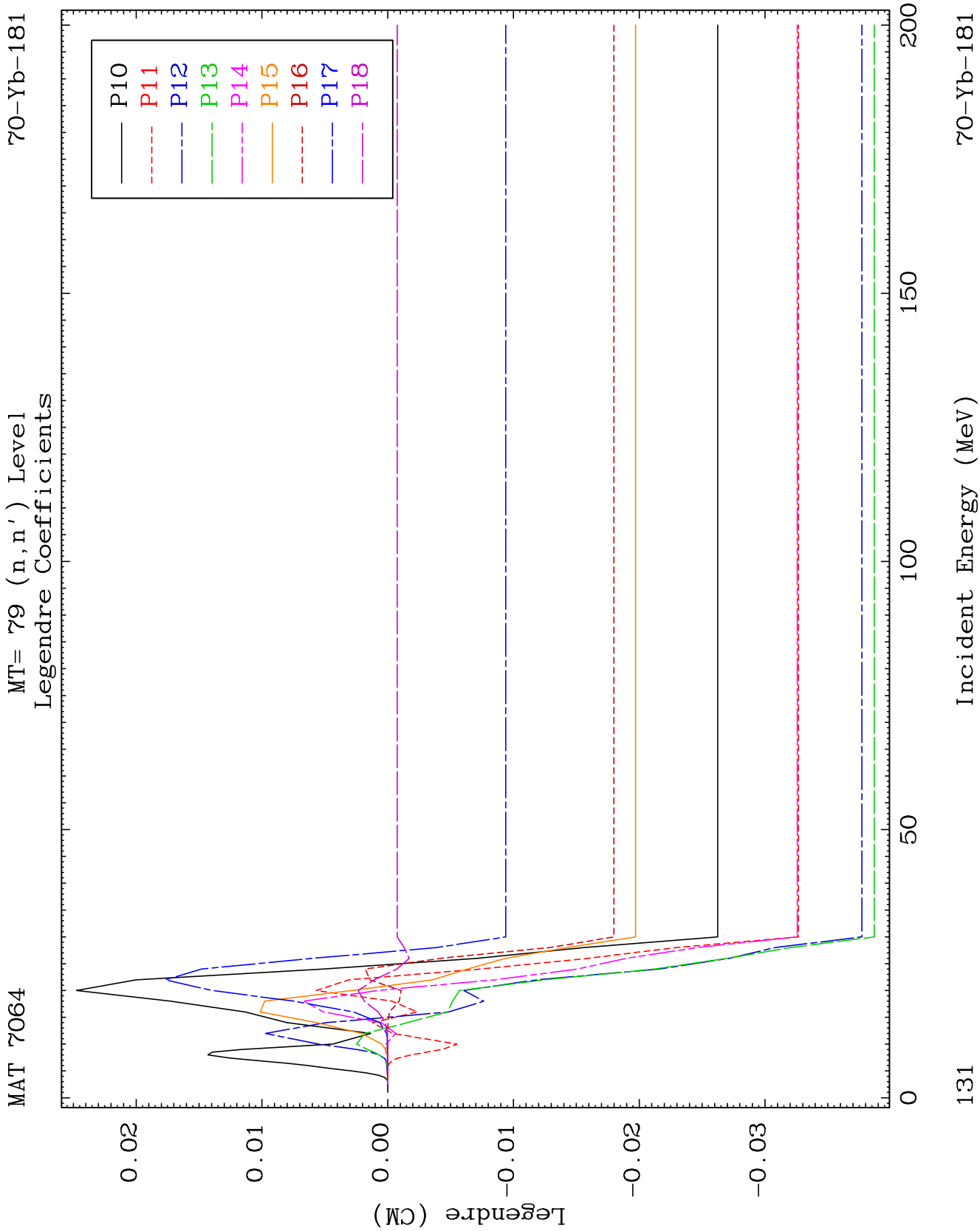








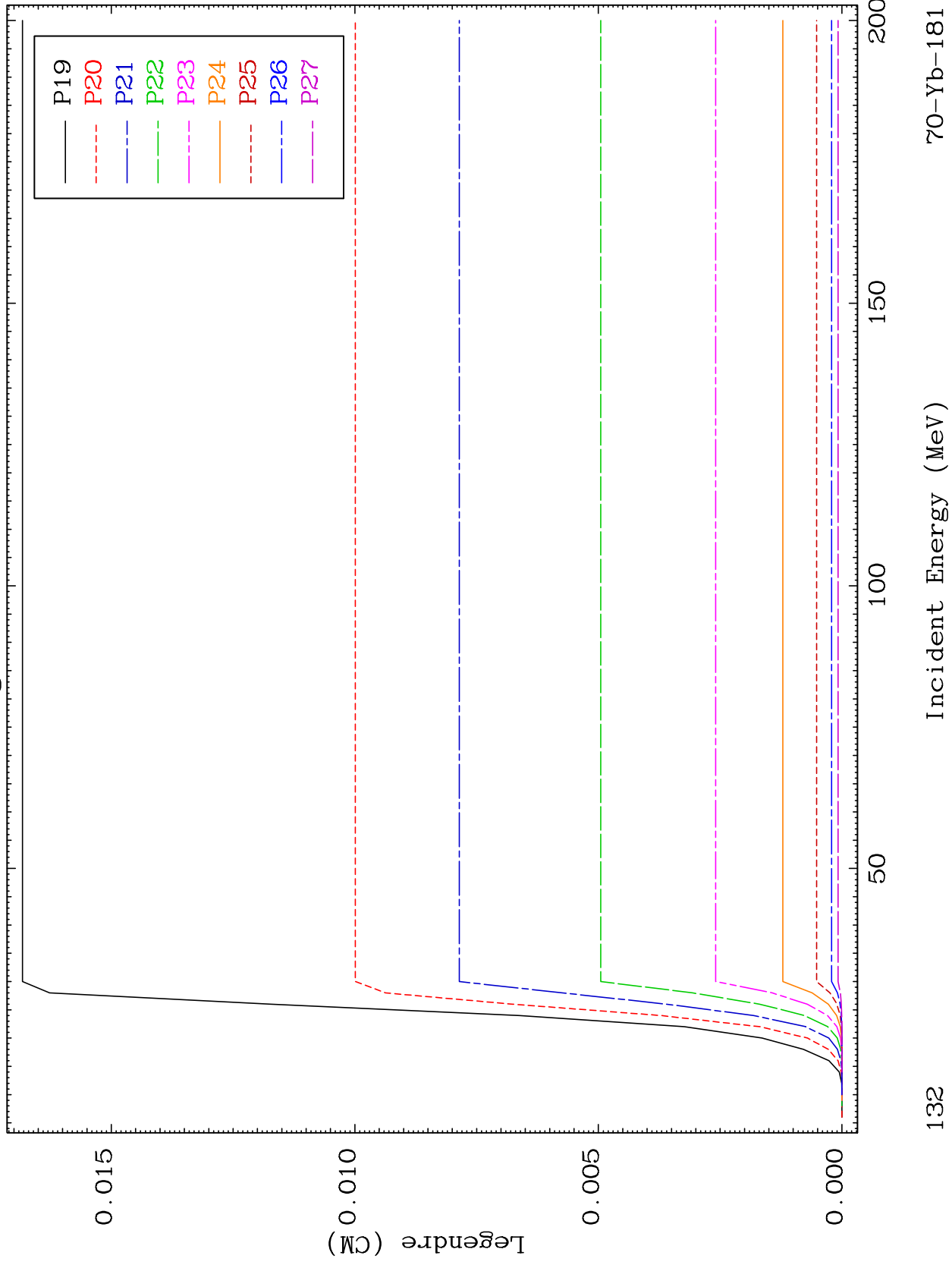




MAT 7064

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

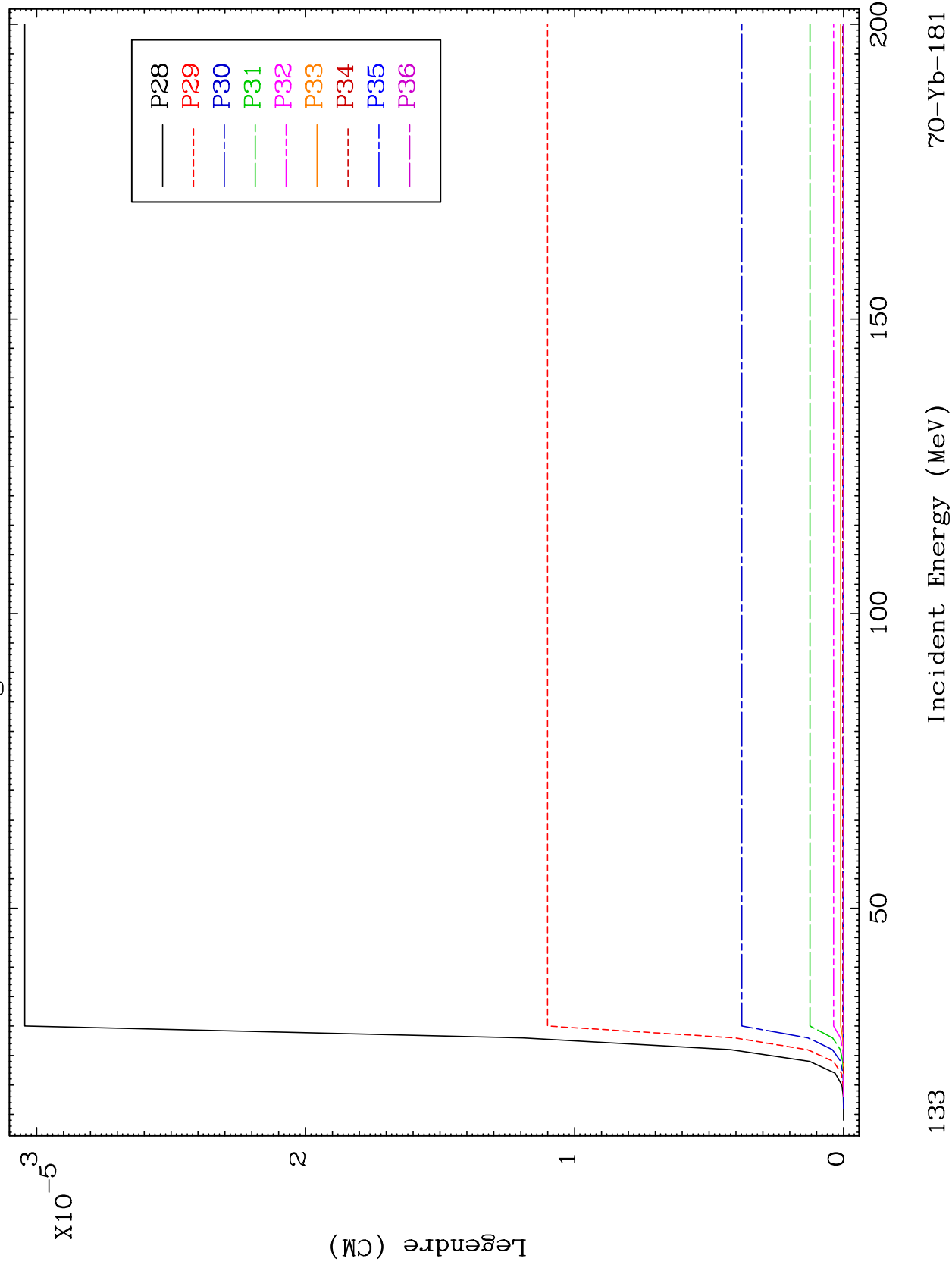
70-Yb-181



MAT 7064

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

70-Yb-181

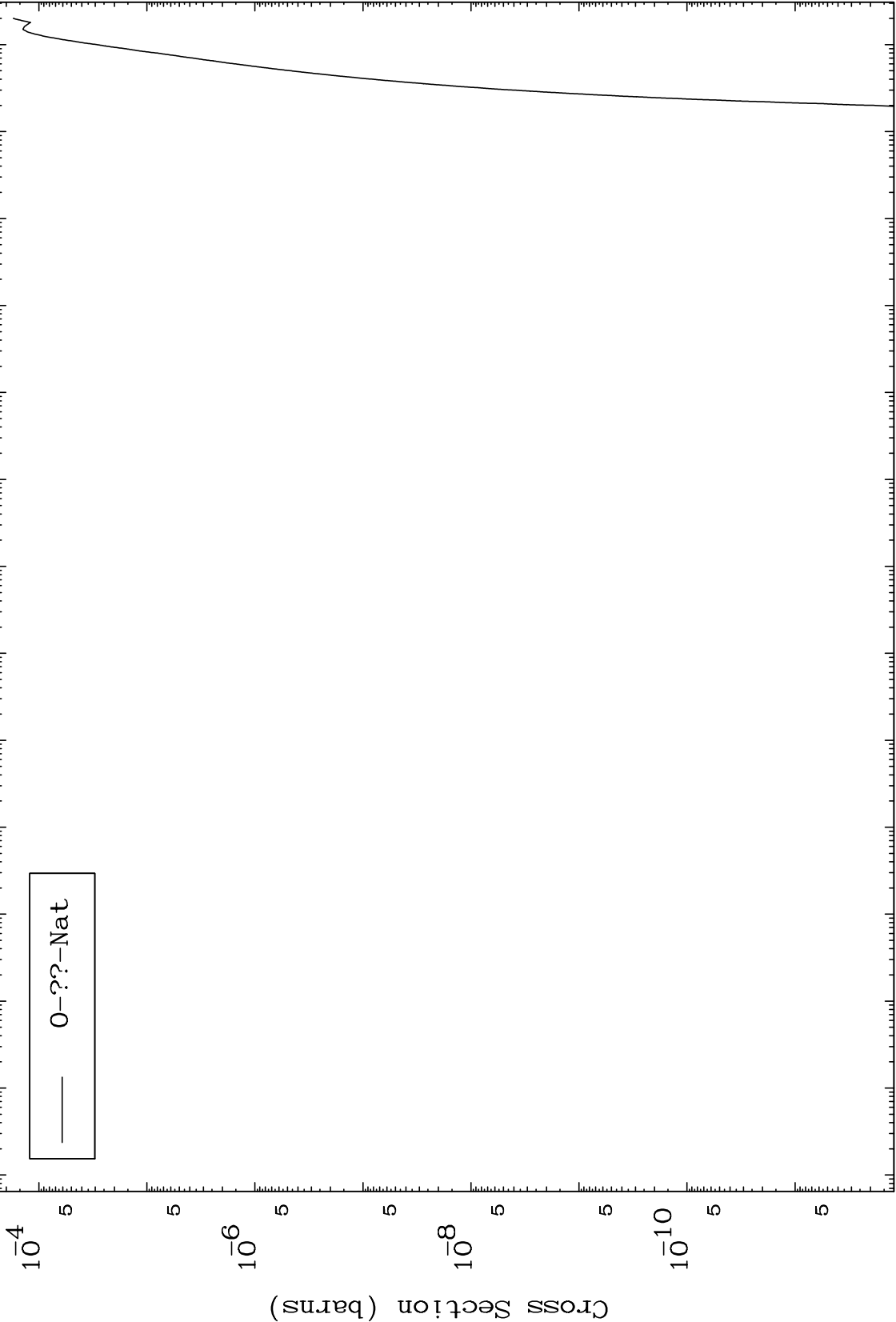


MAT 7064

Fission

⁷⁰Yb-181

Radionuclide Production Cross Section



134

Incident Energy (MeV)

⁷⁰Yb-181