

Program EVALPLOT
(Version 2021-1)

by

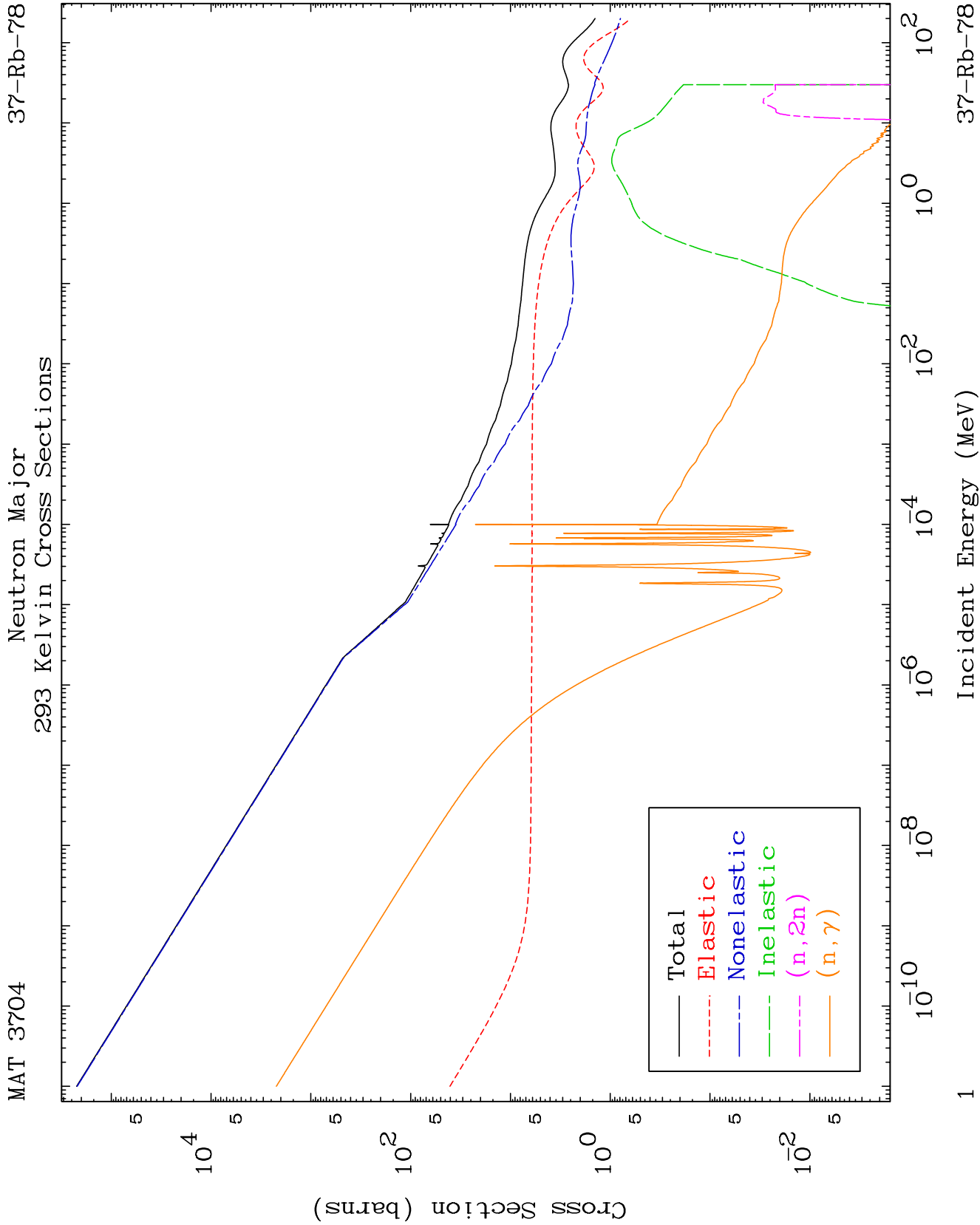
Dermott E. Cullen
(Present Contact Information)

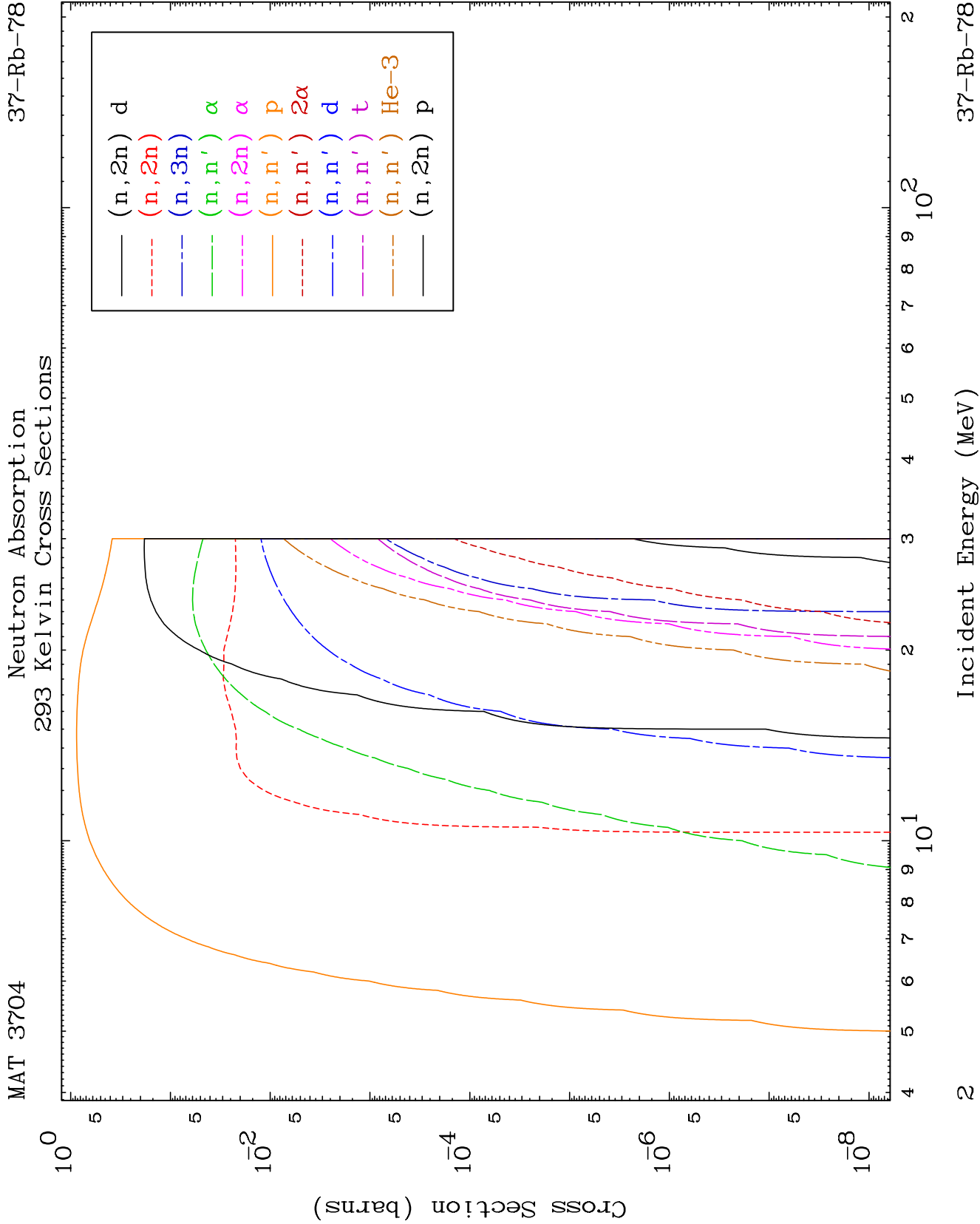
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

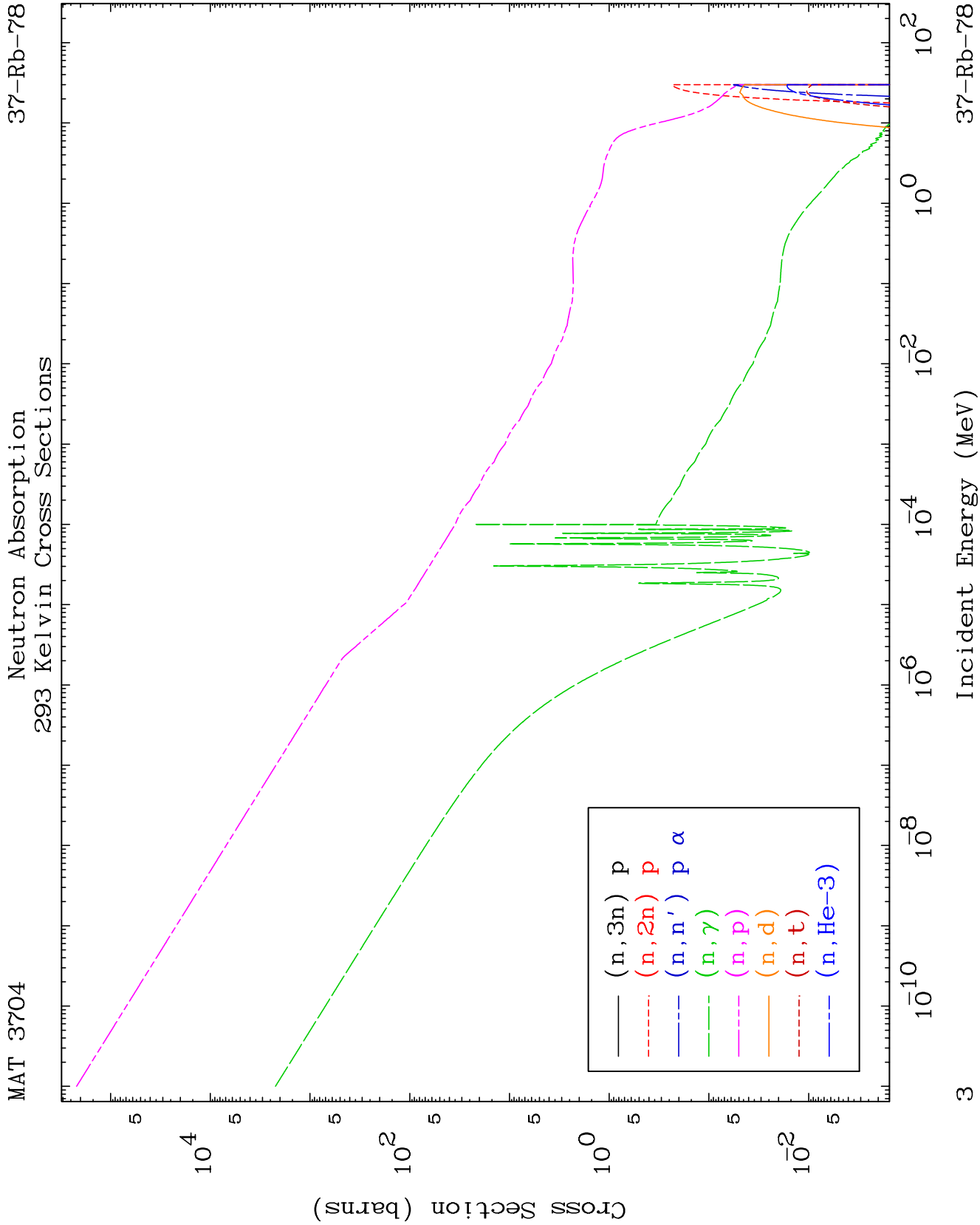
Tele: 925-443-1911

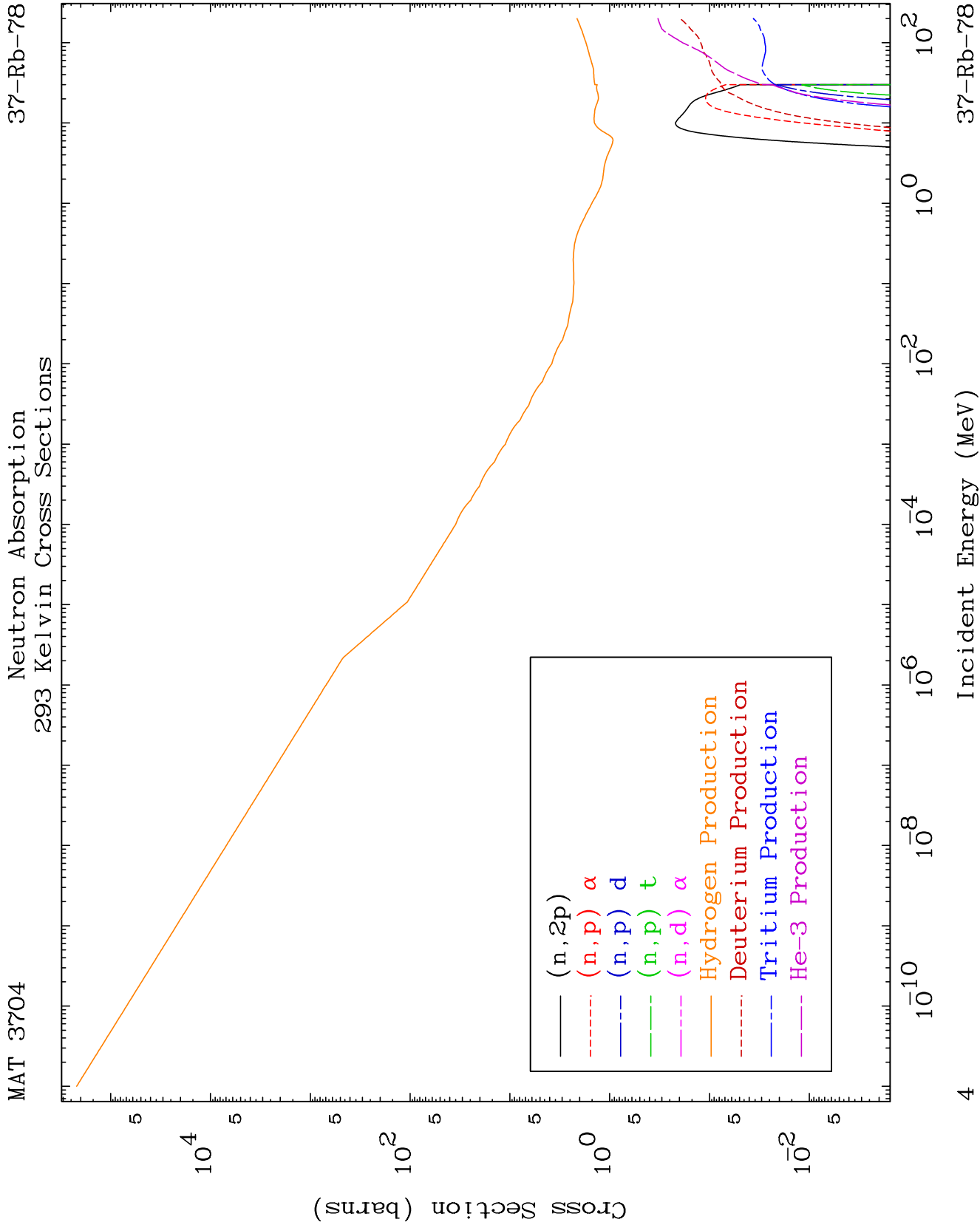
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

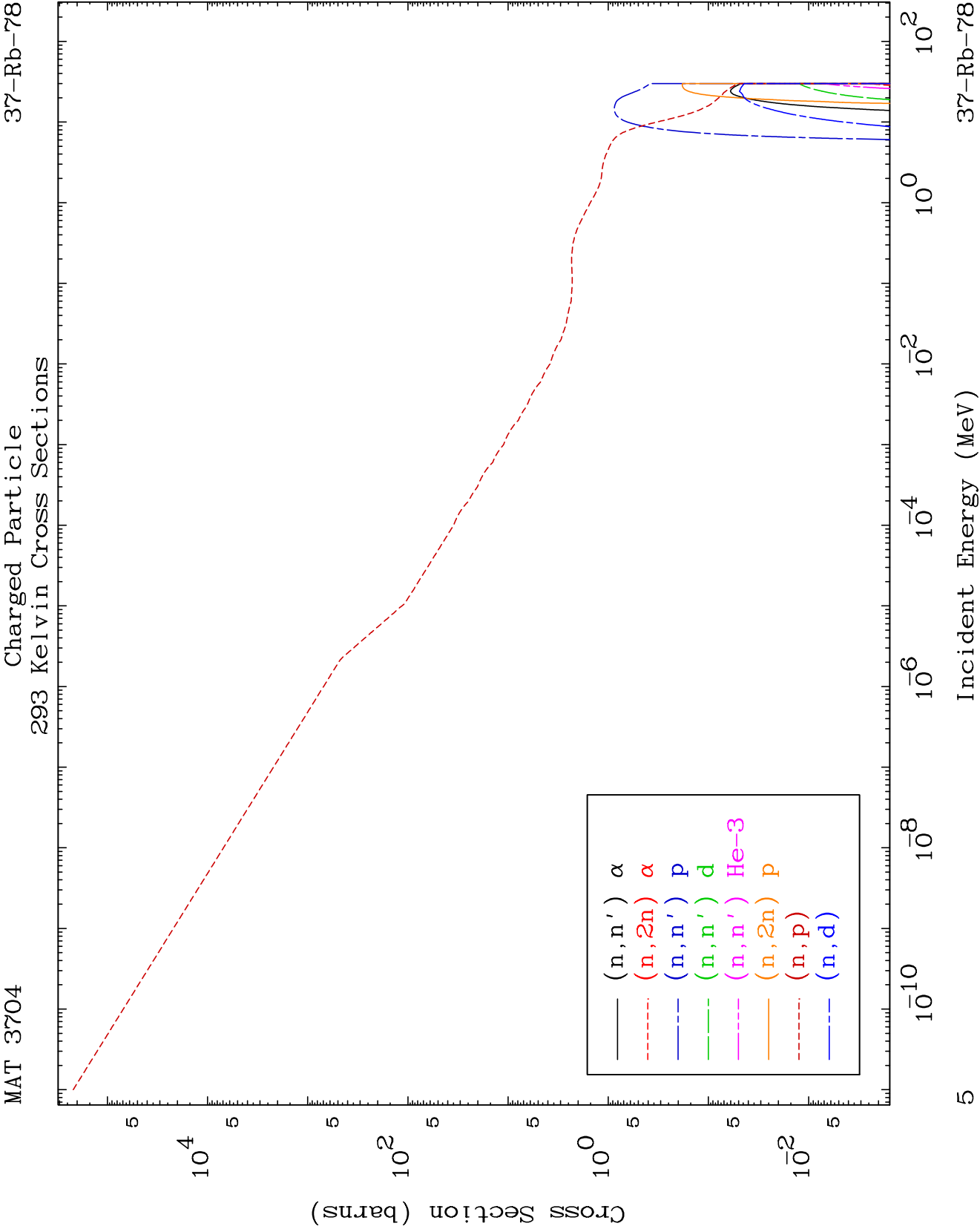
Press Mouse Button to Start

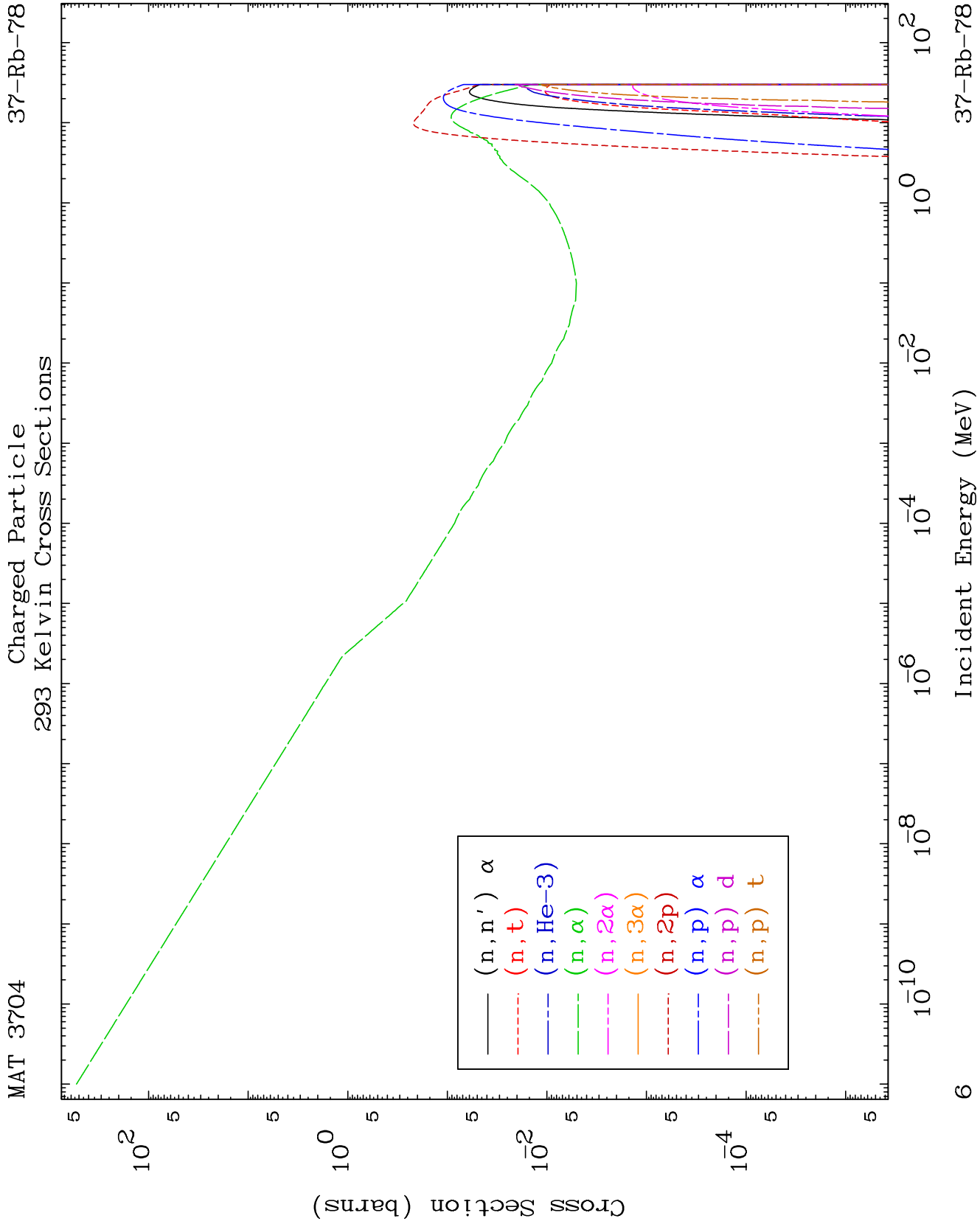








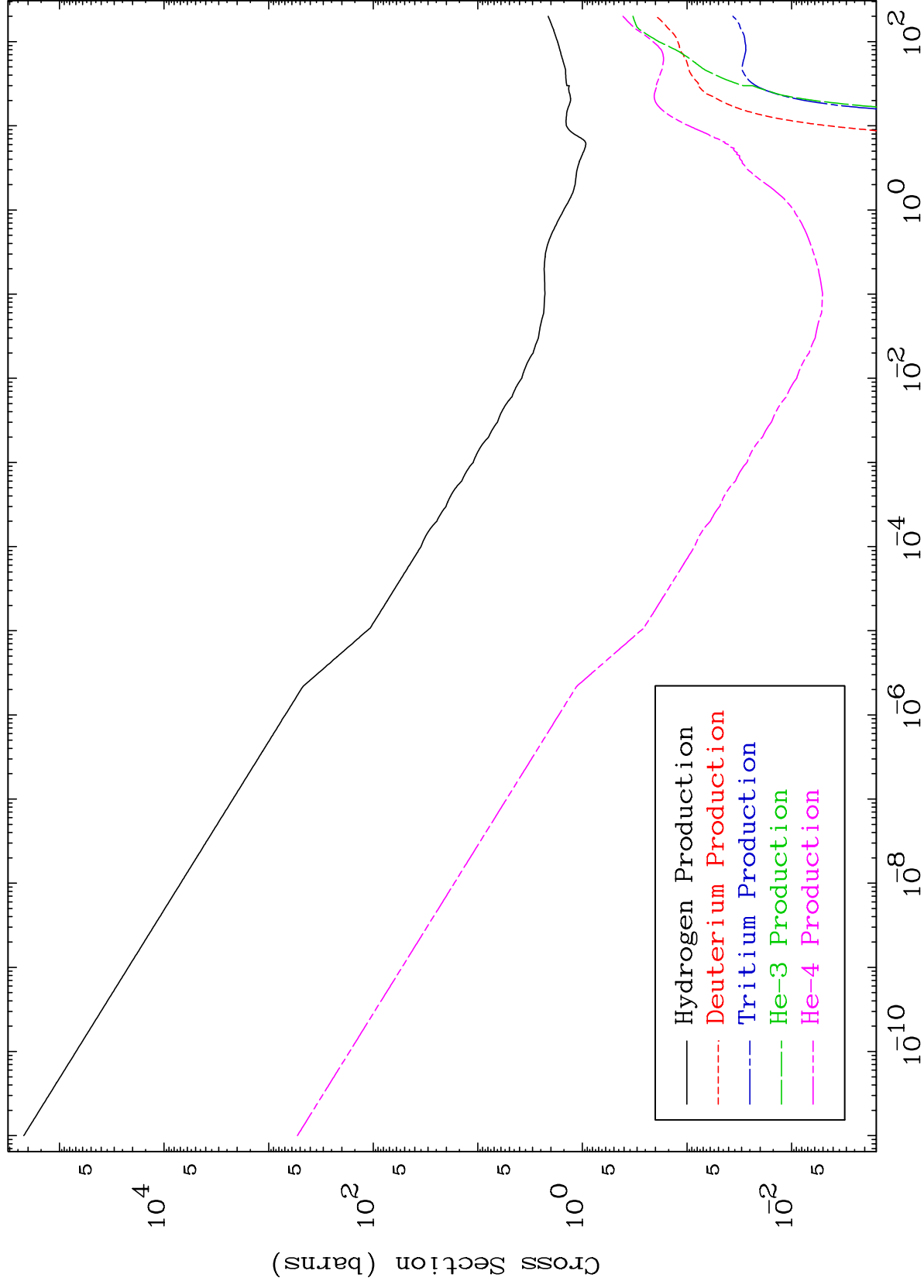


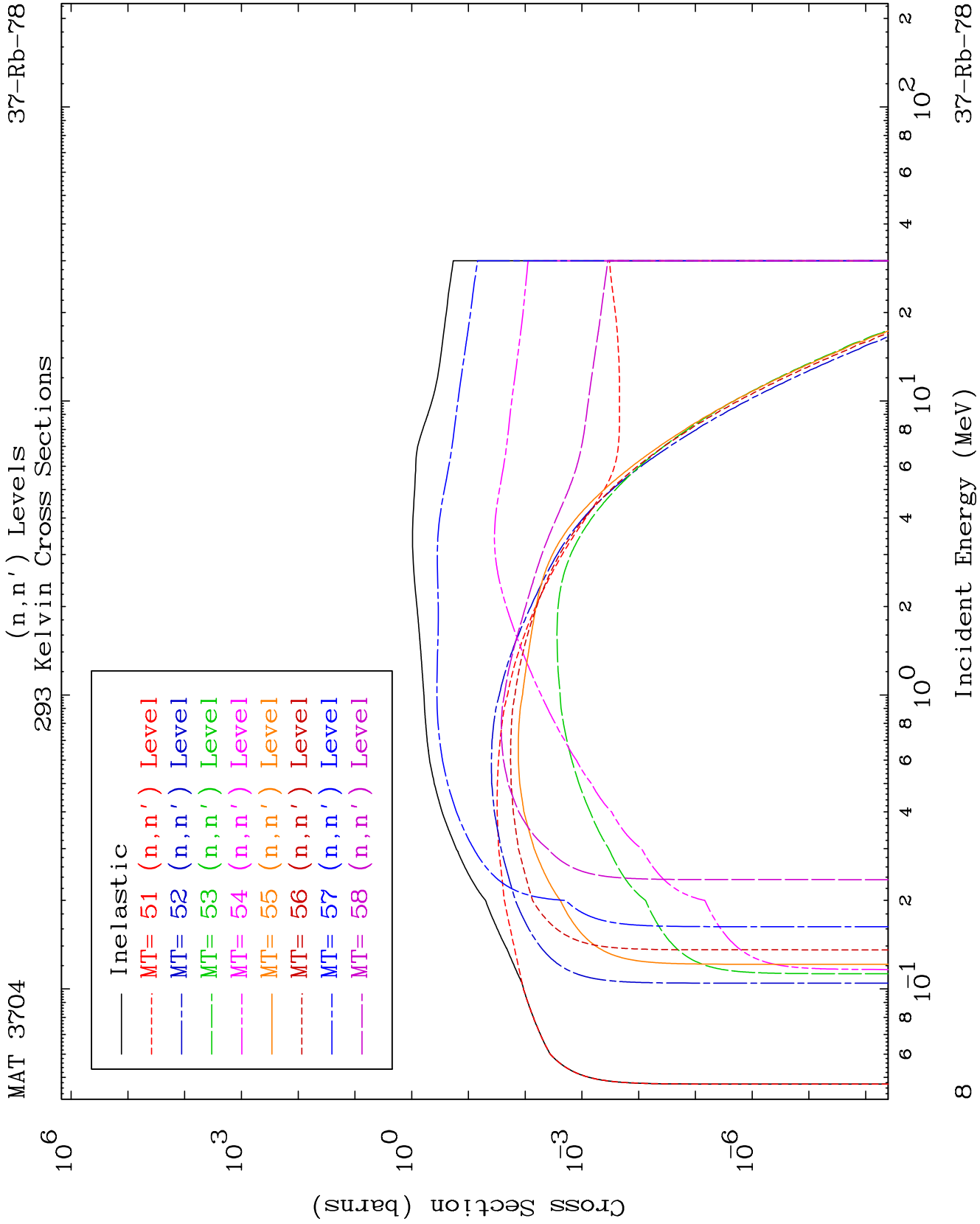


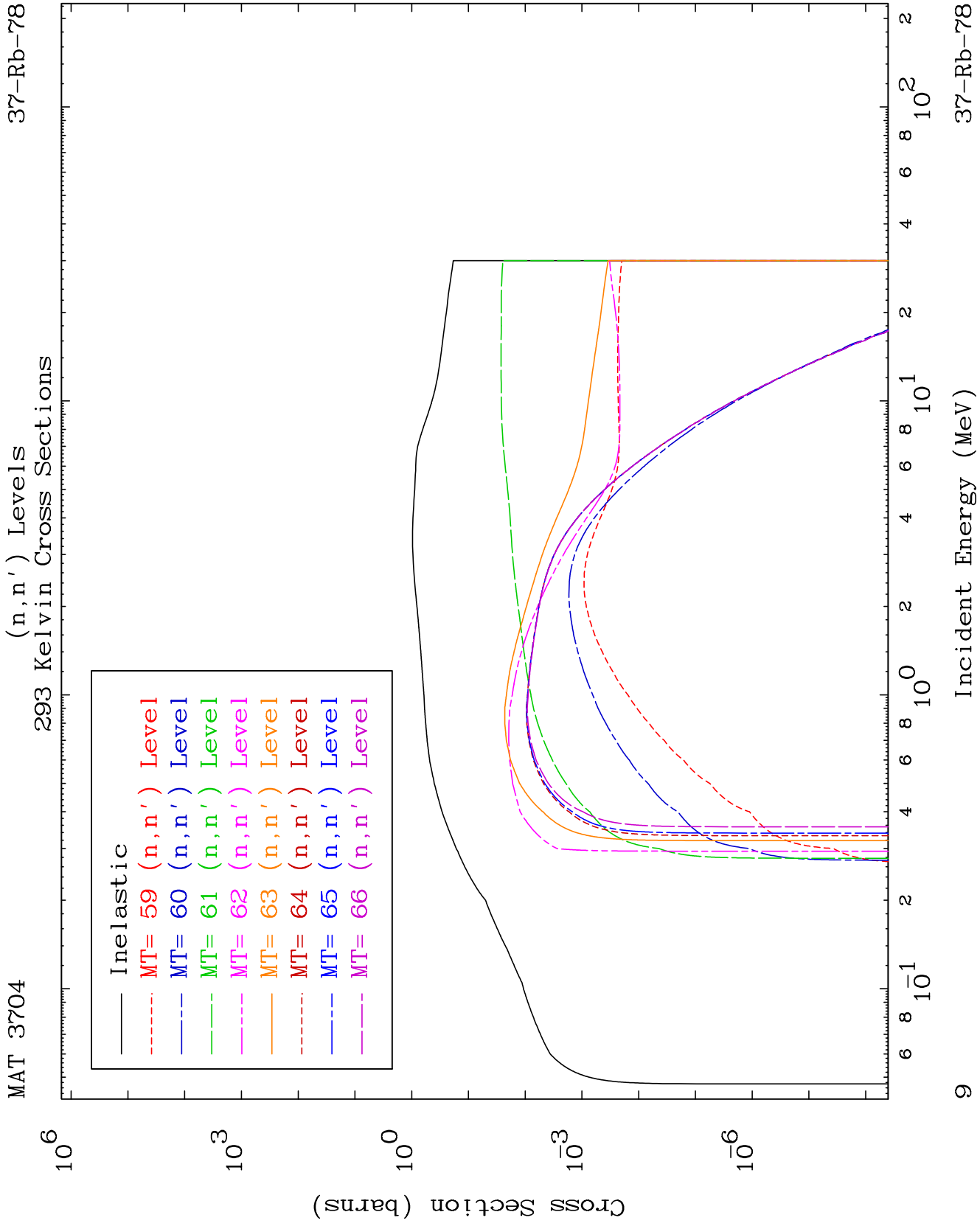
MAT 3704

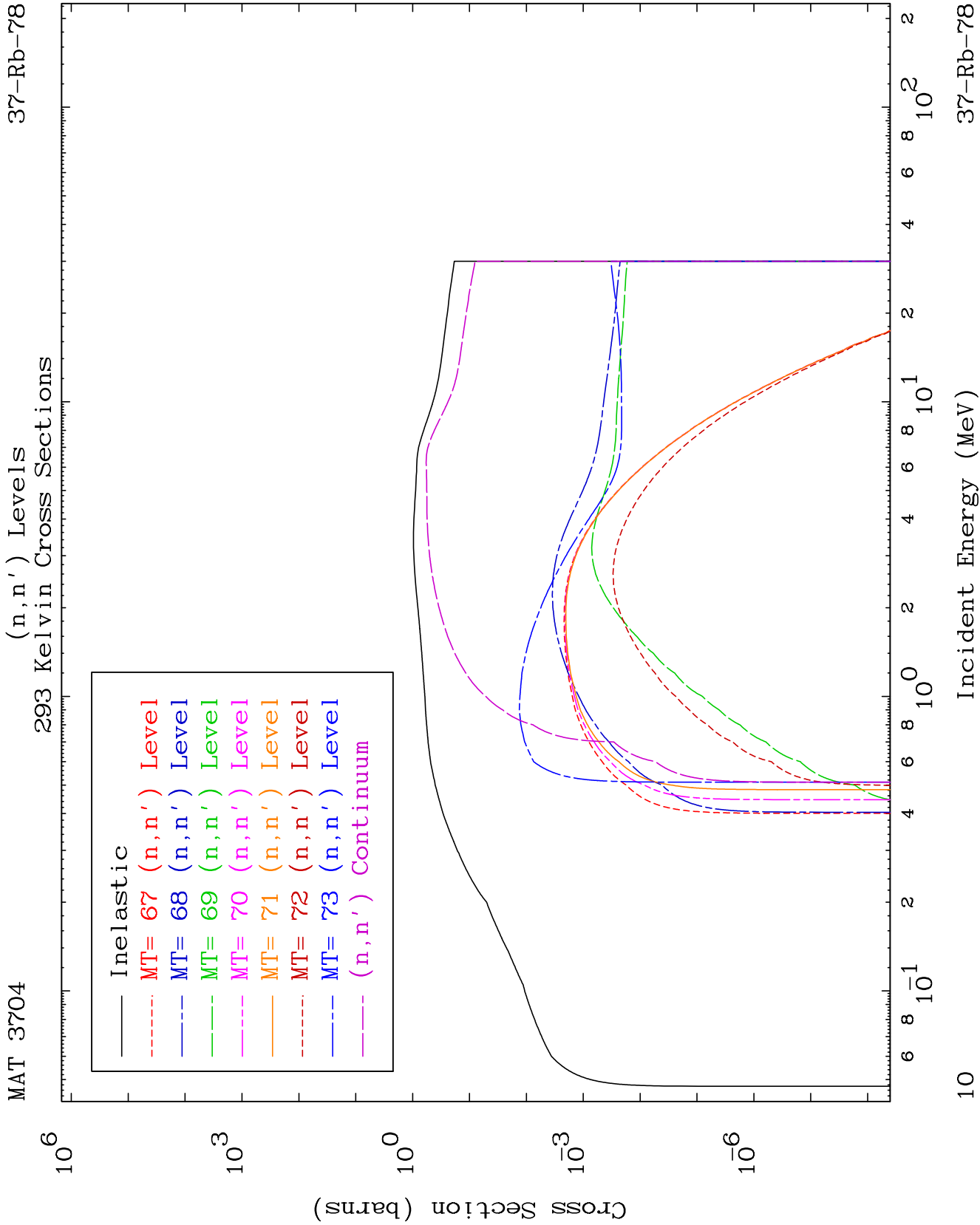
Particle Production
293 Kelvin Cross Sections

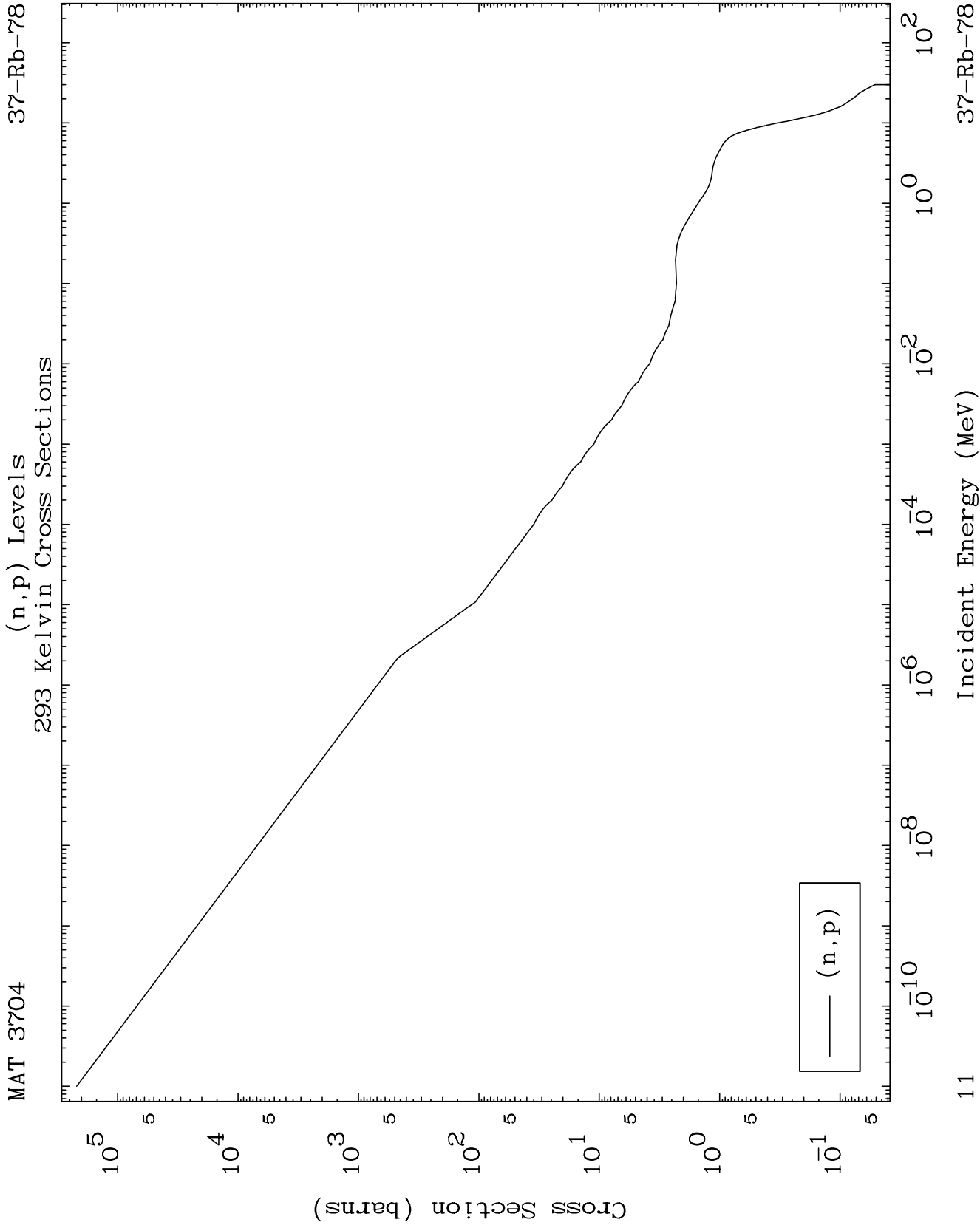
37-Rb-78

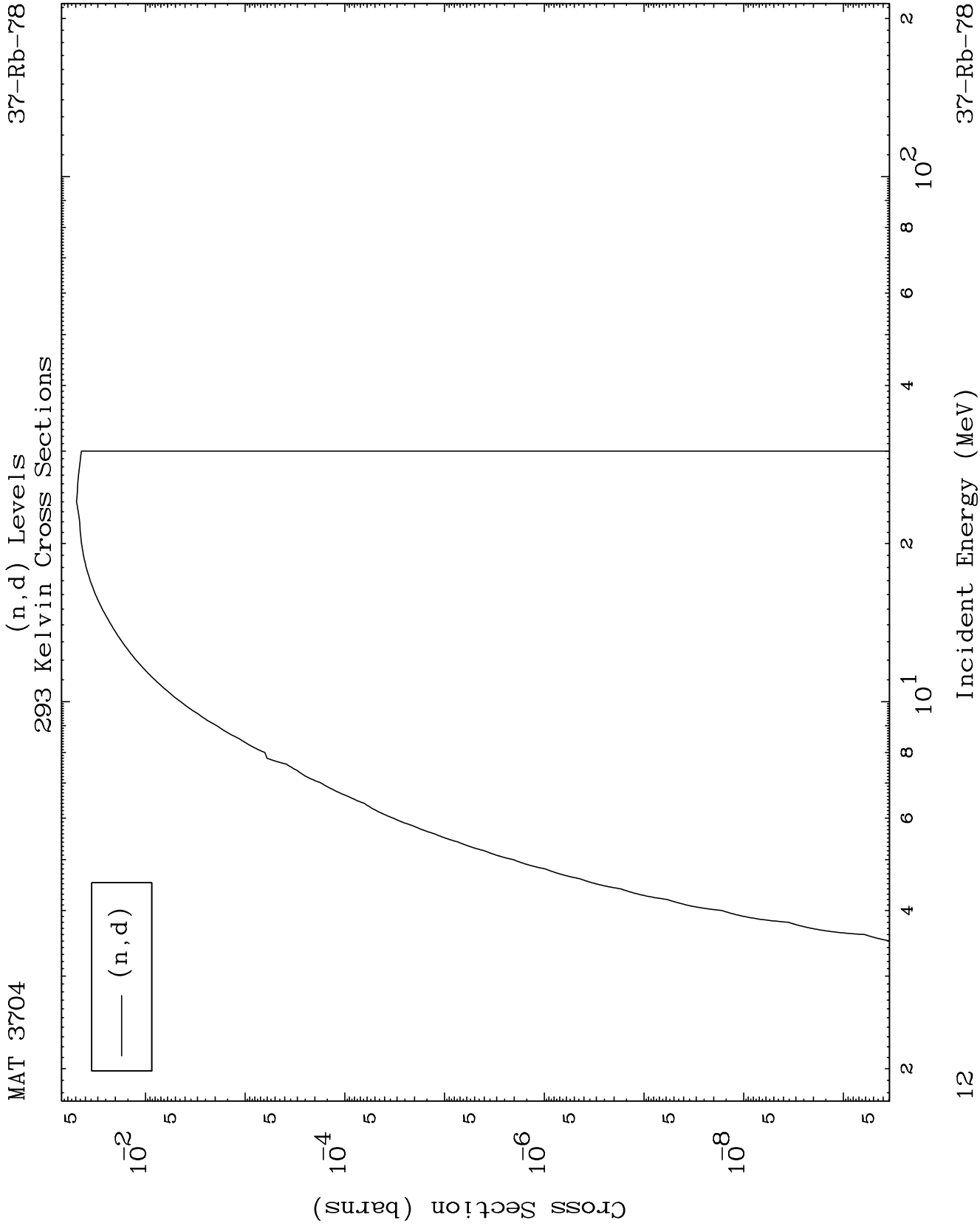


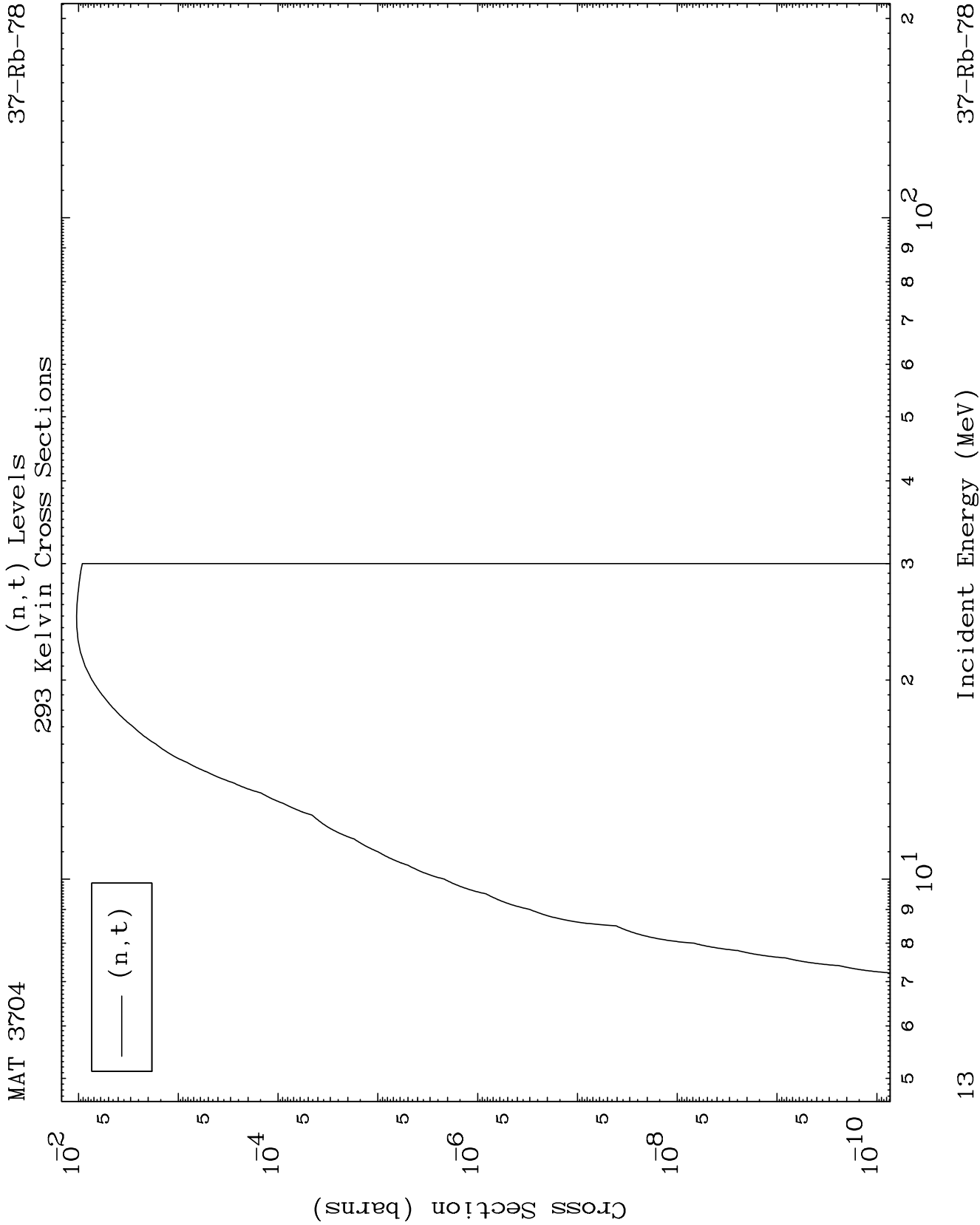










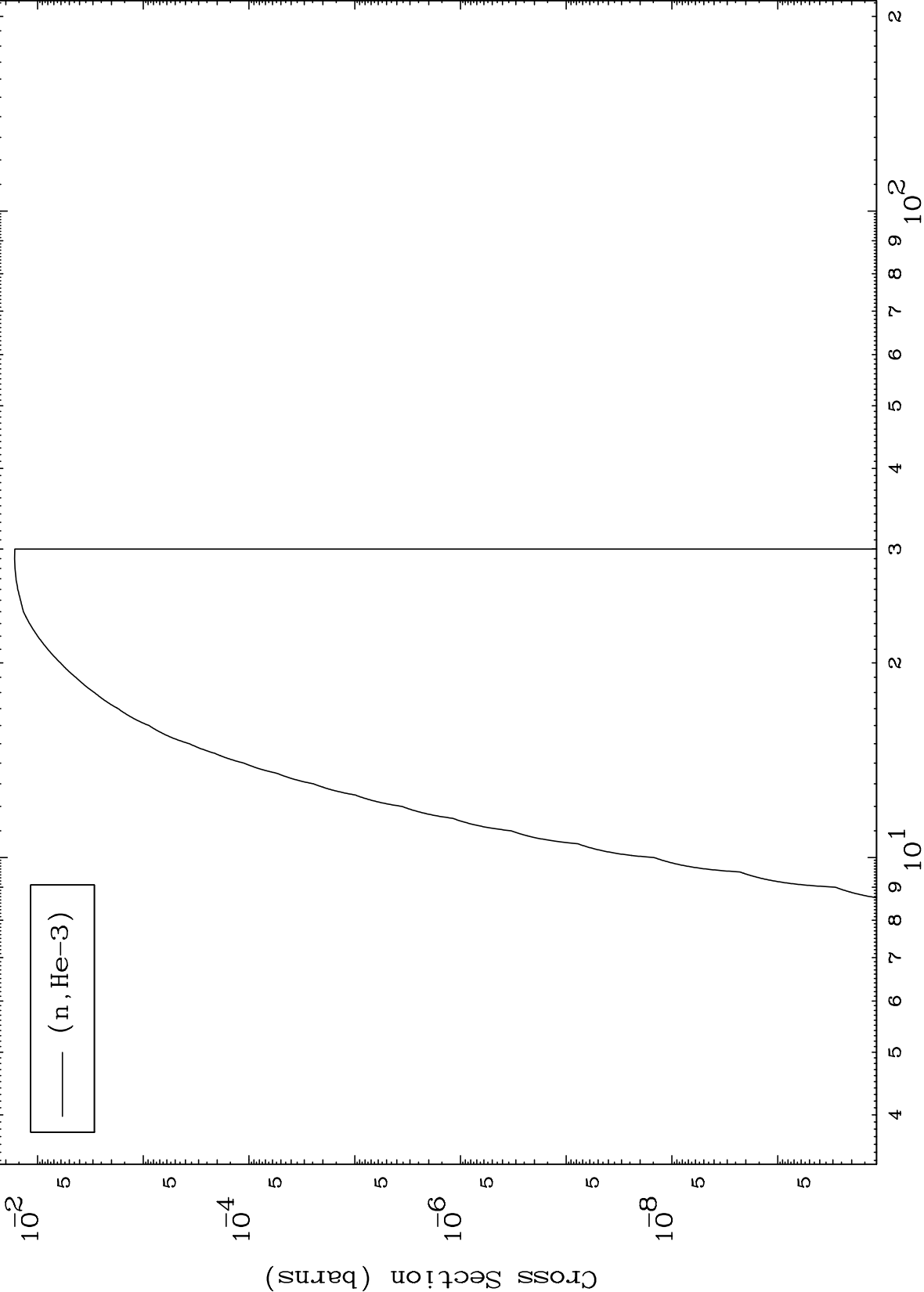


MAT 3704

(n,He3) Levels

37-Rb-78

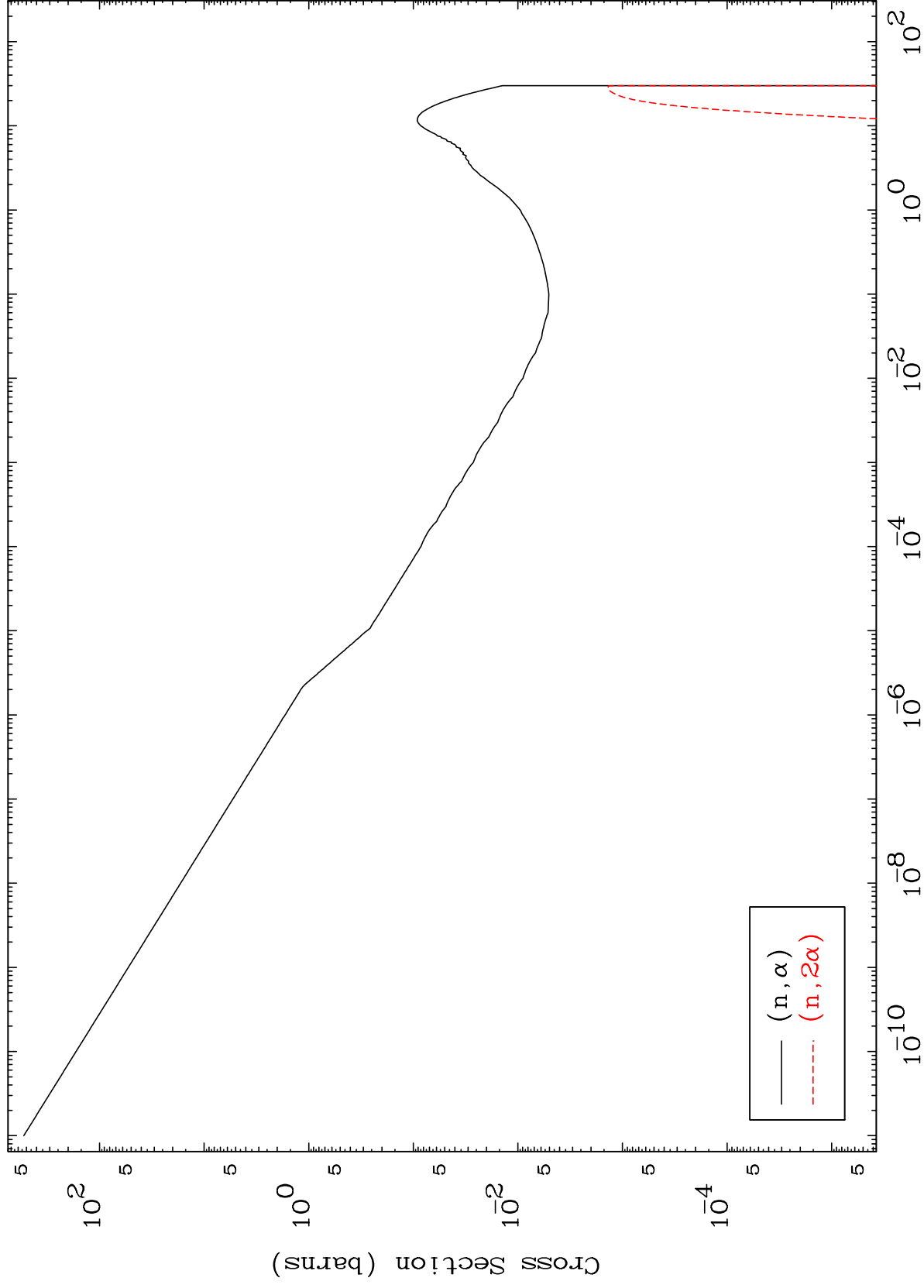
293 Kelvin Cross Sections



MAT 3704

(n, α) Levels
293 Kelvin Cross Sections

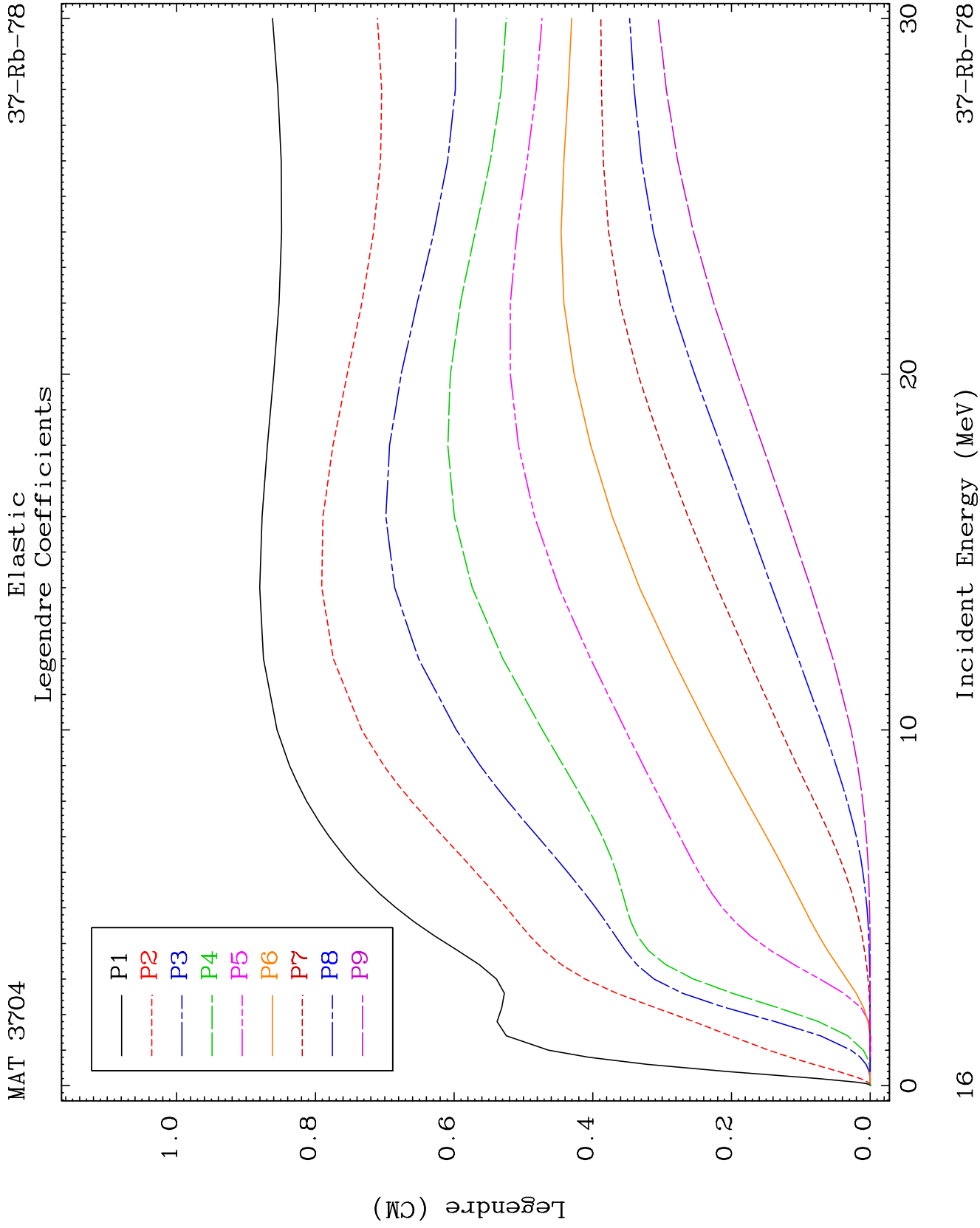
37-Rb-78

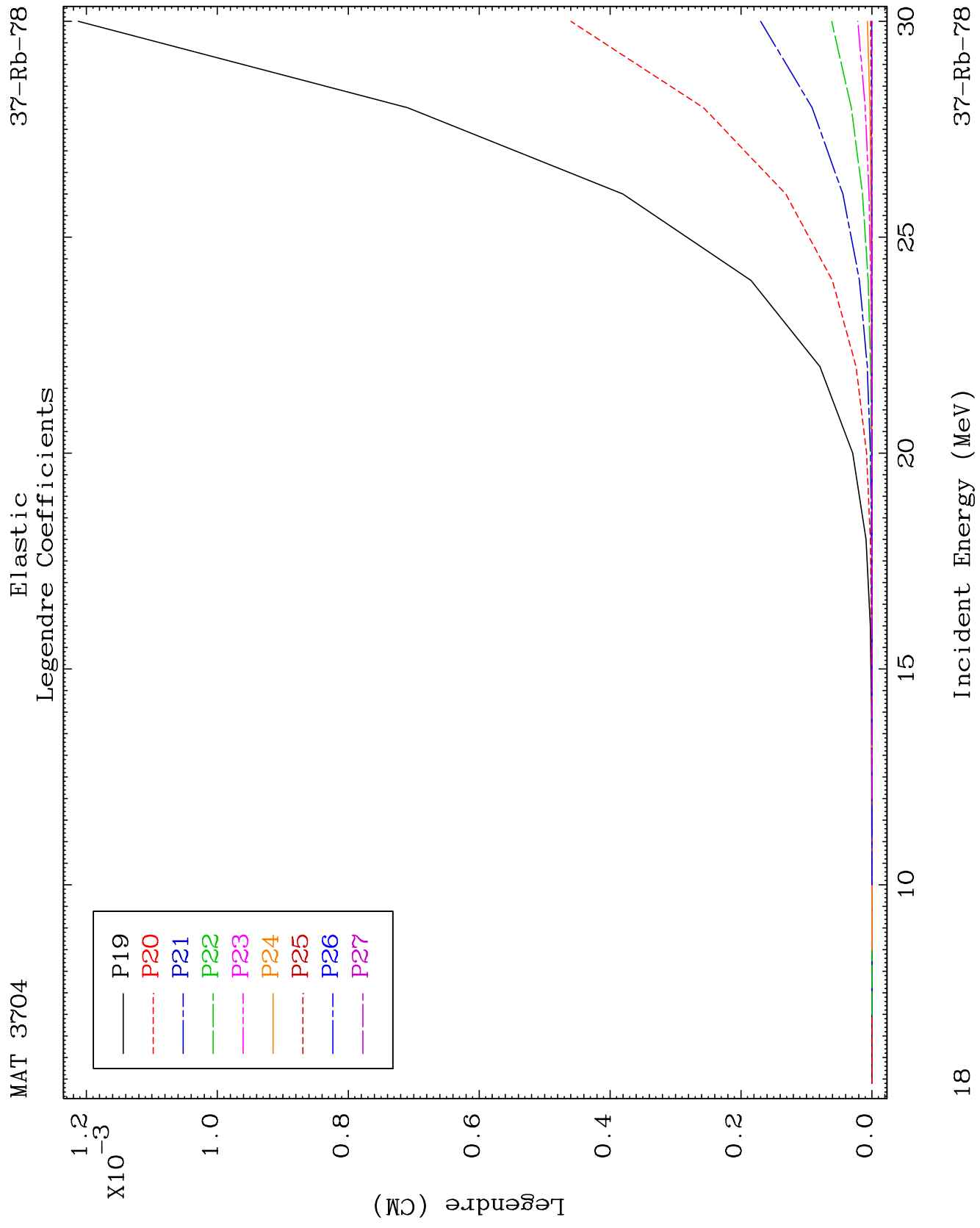


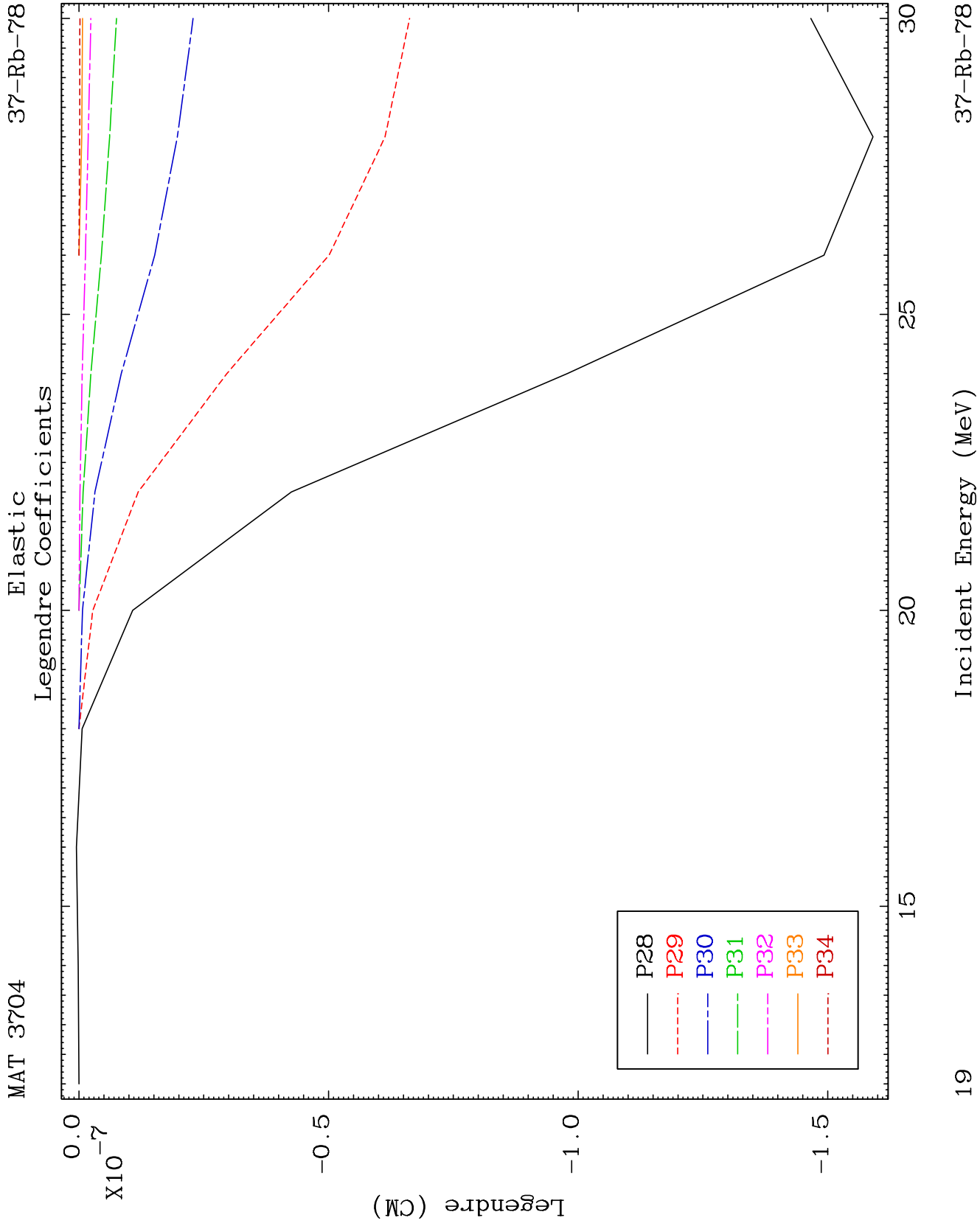
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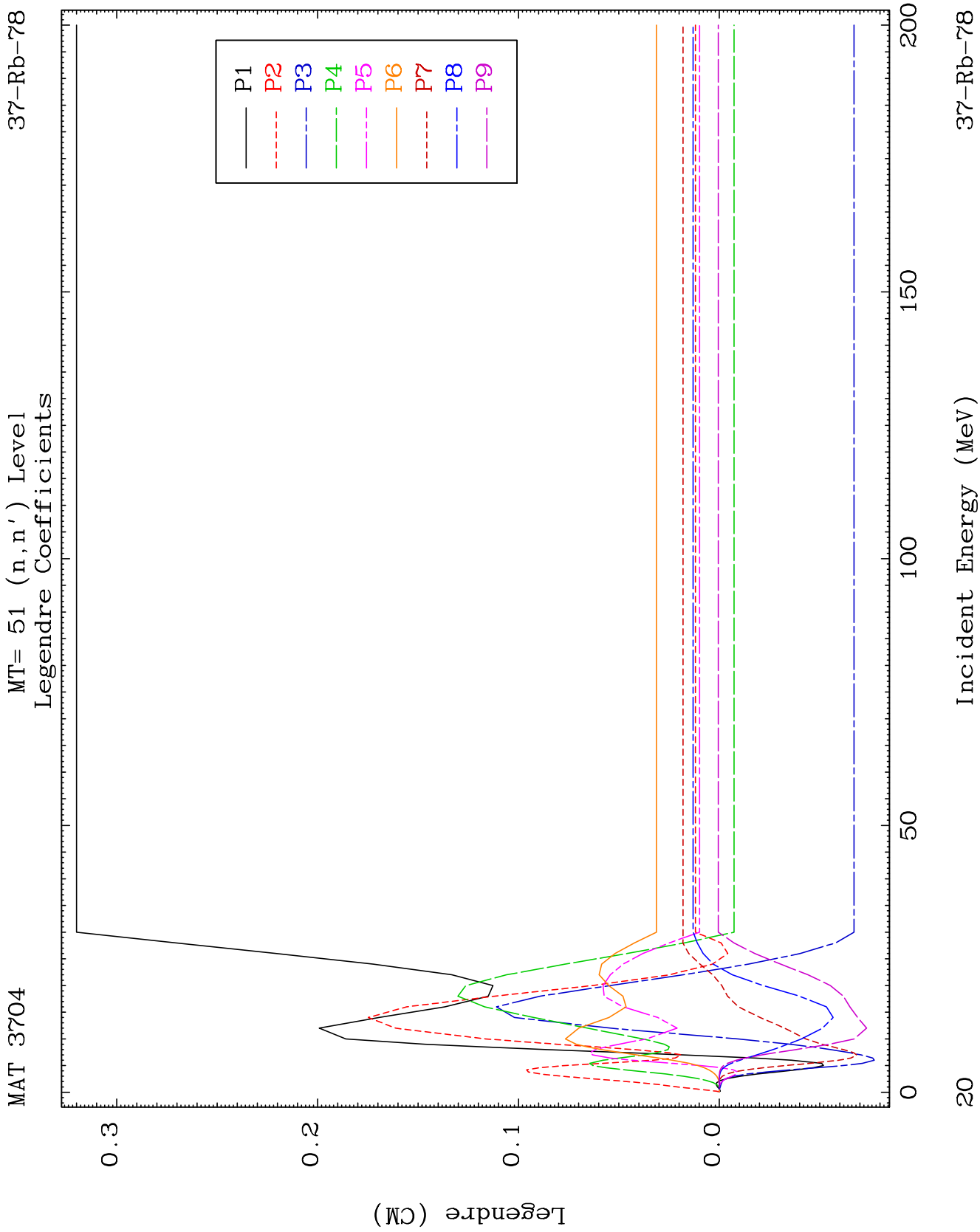
Incident Energy (MeV)

37-Rb-78





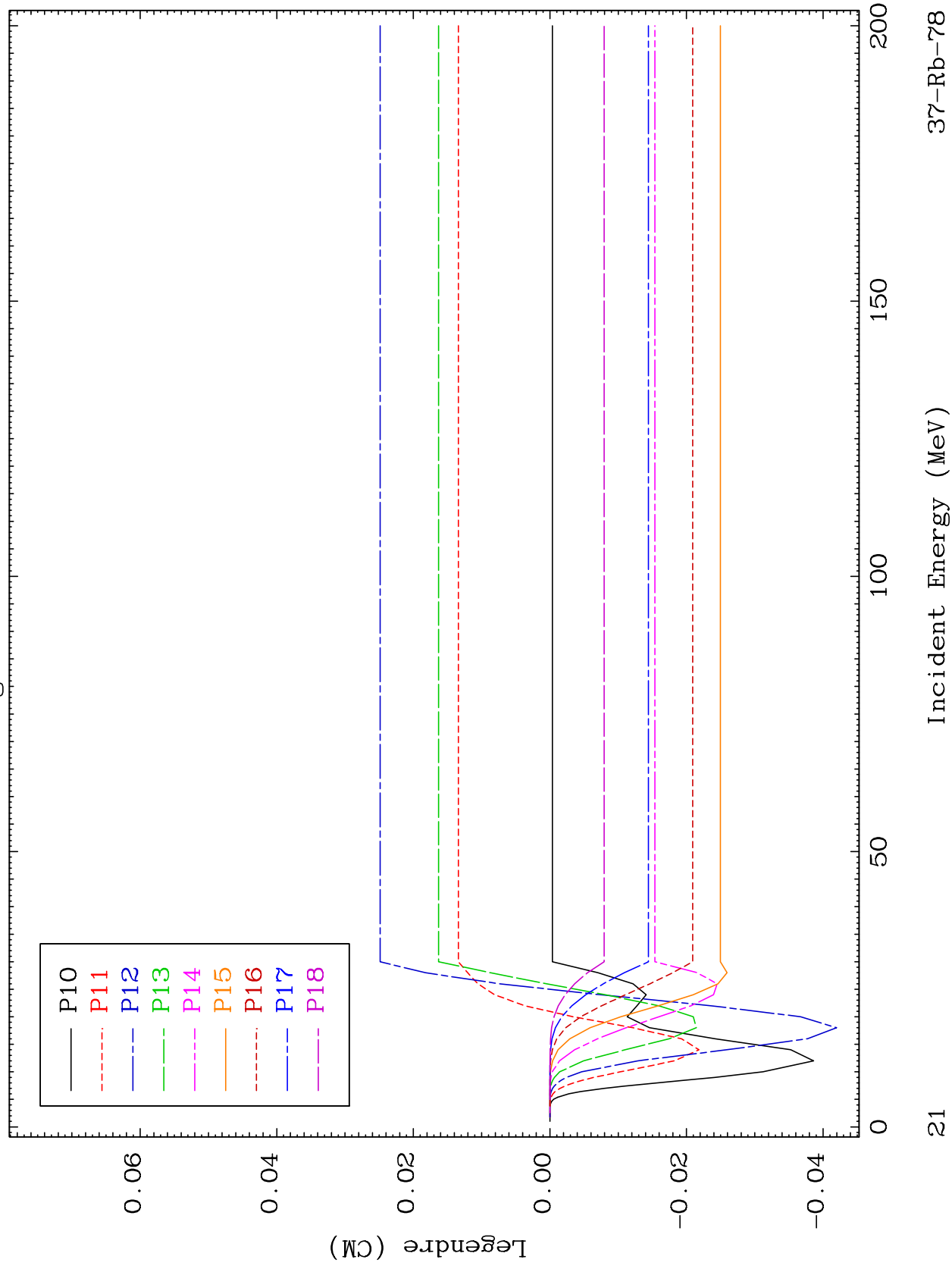


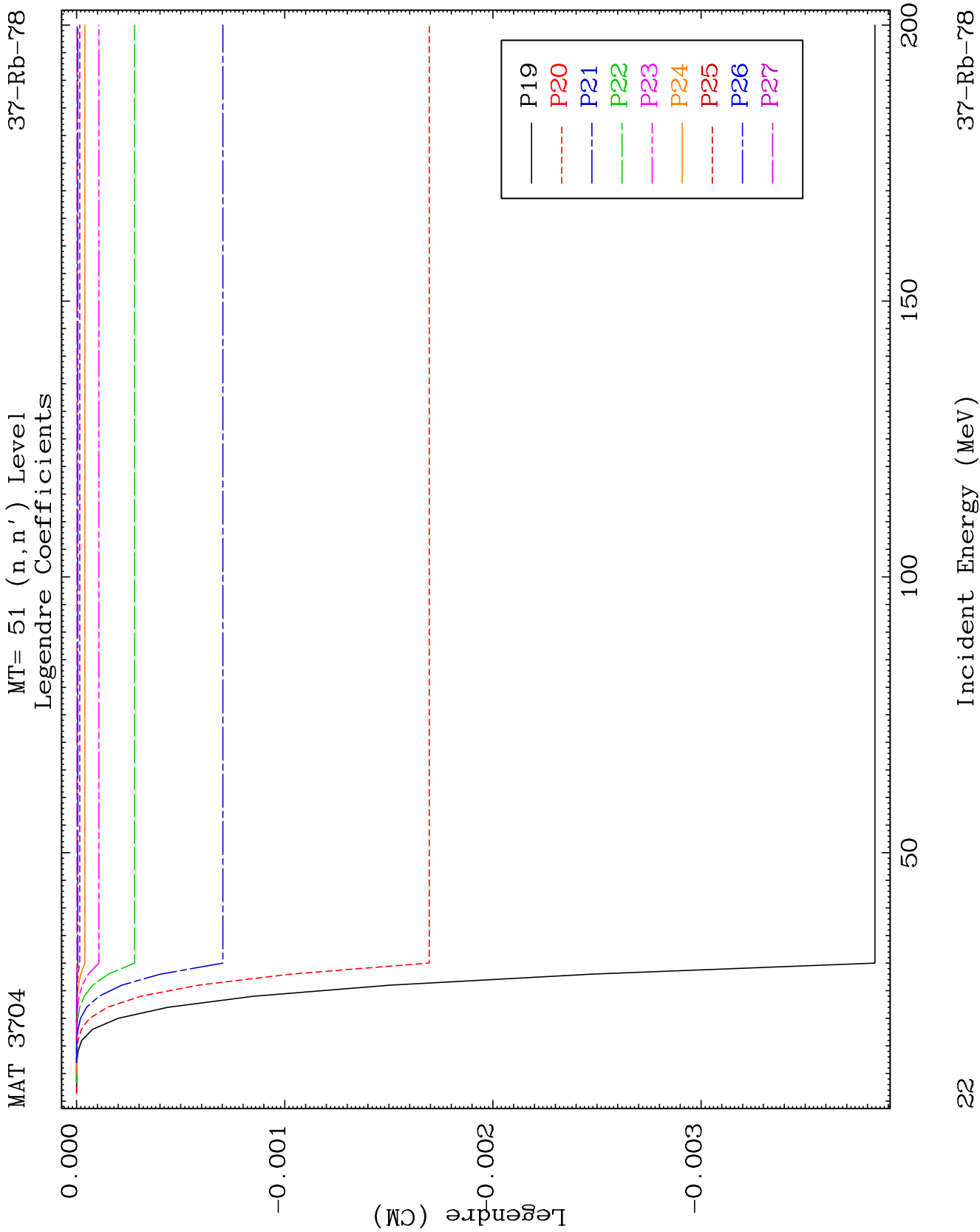


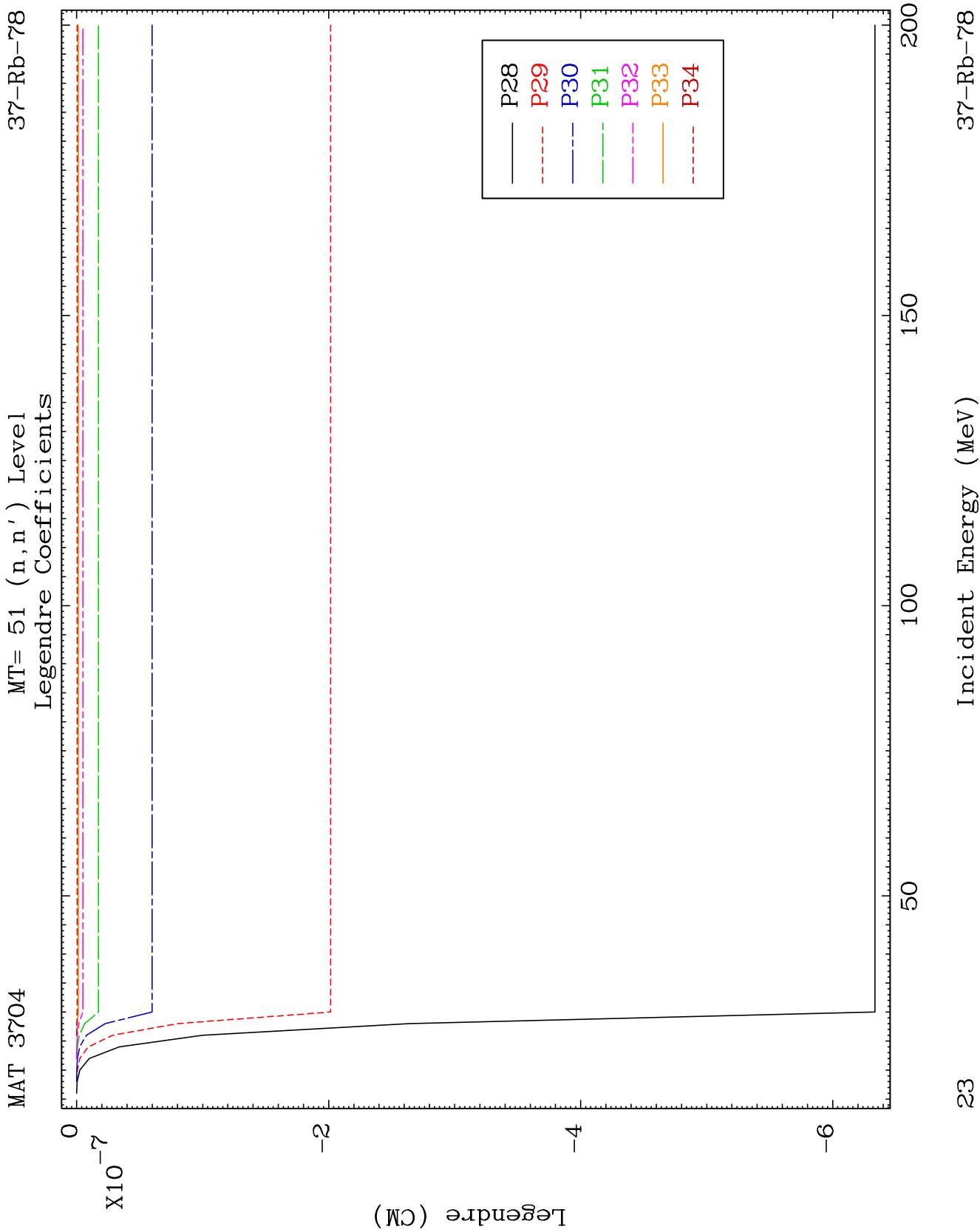
MAT 3704

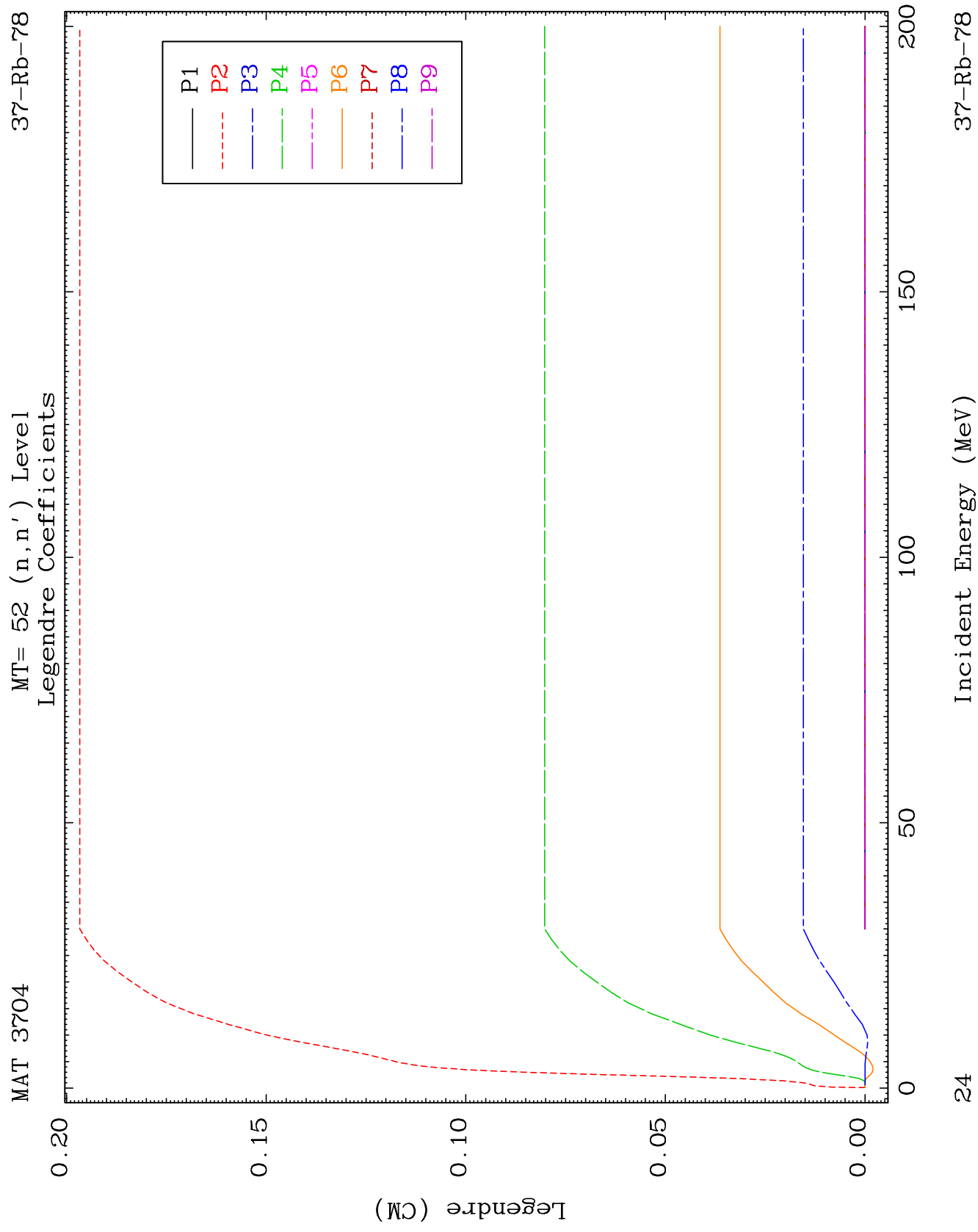
MT= 51 (n, n') Level
Legendre Coefficients

37-Rb-78





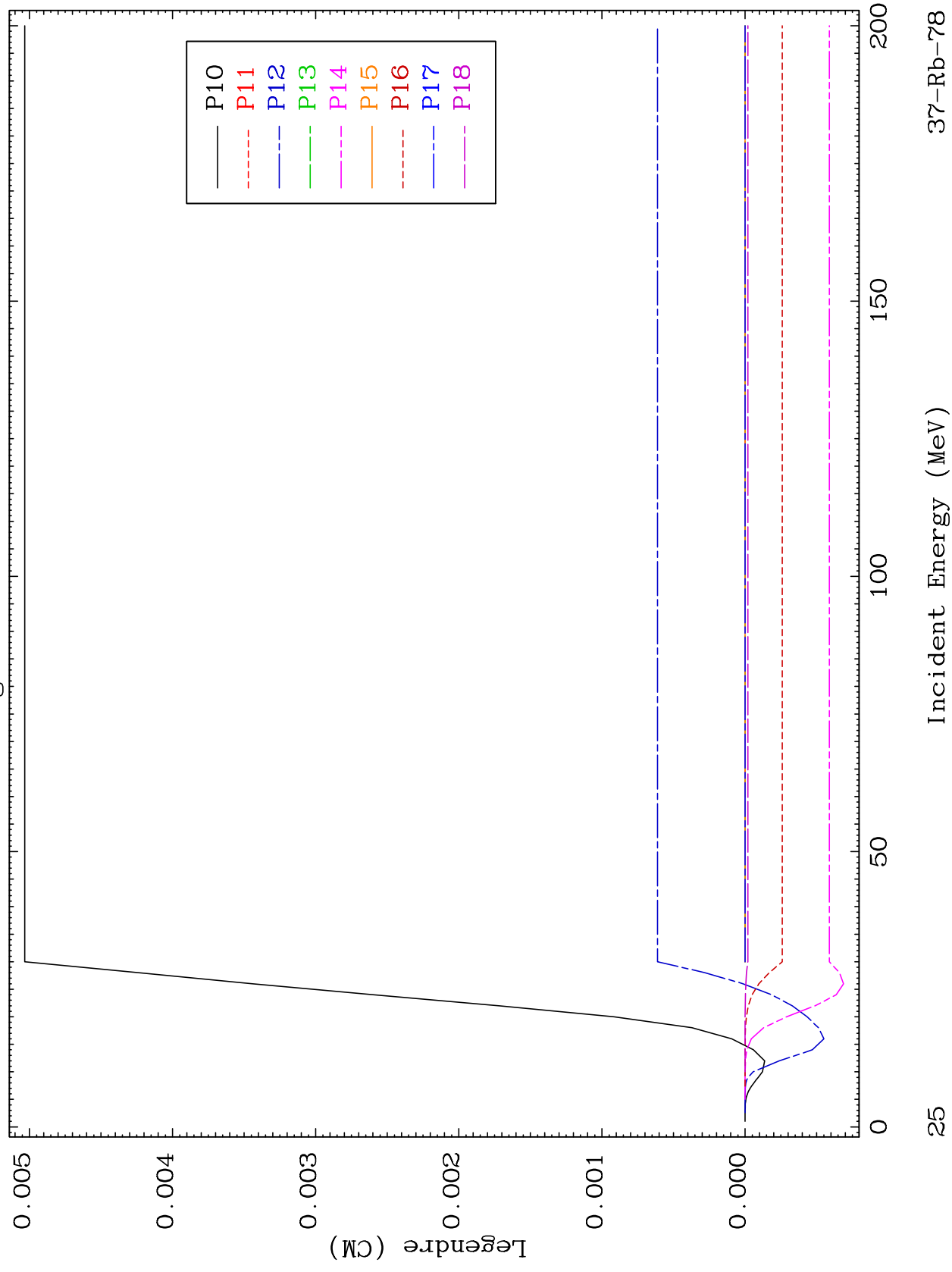


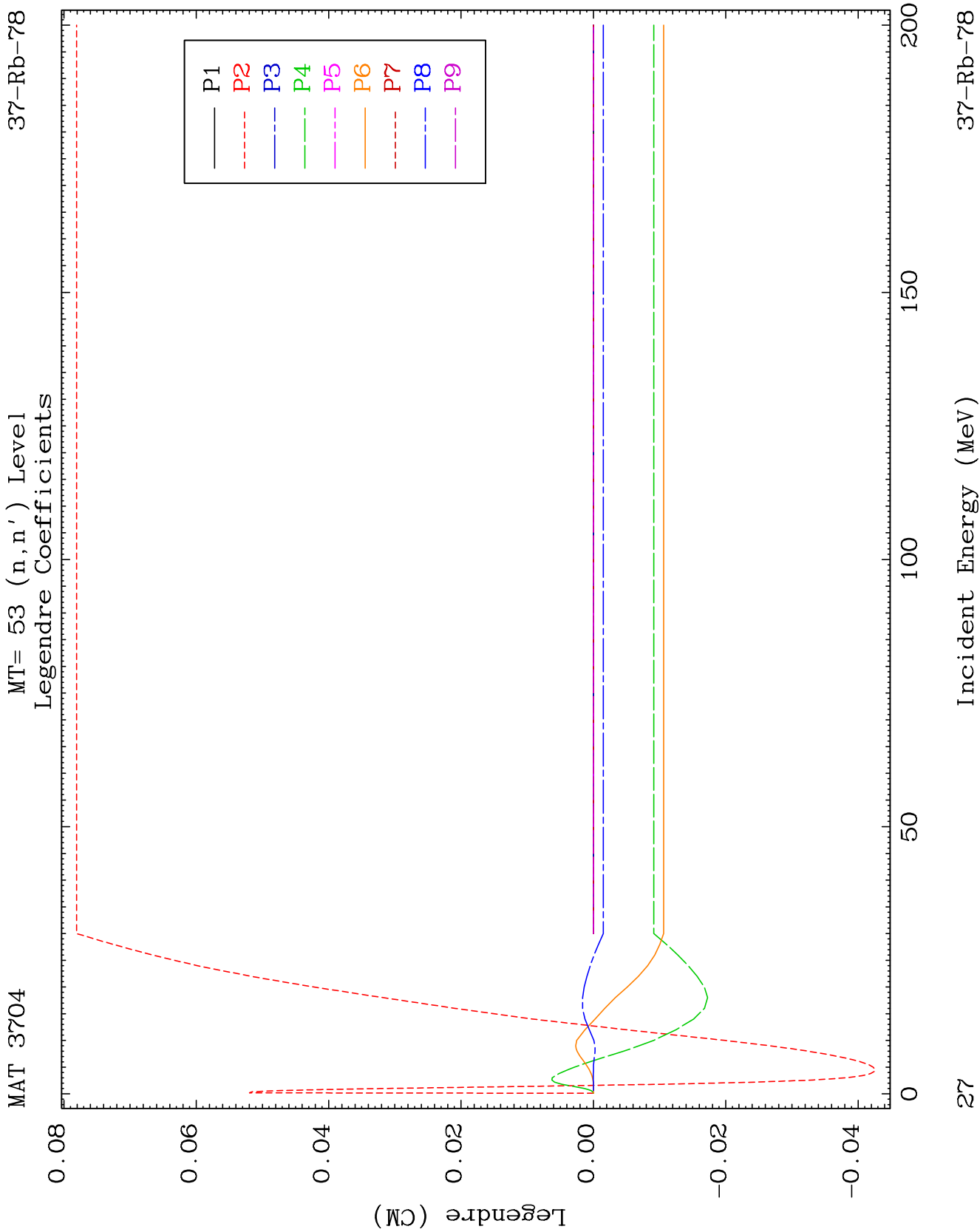


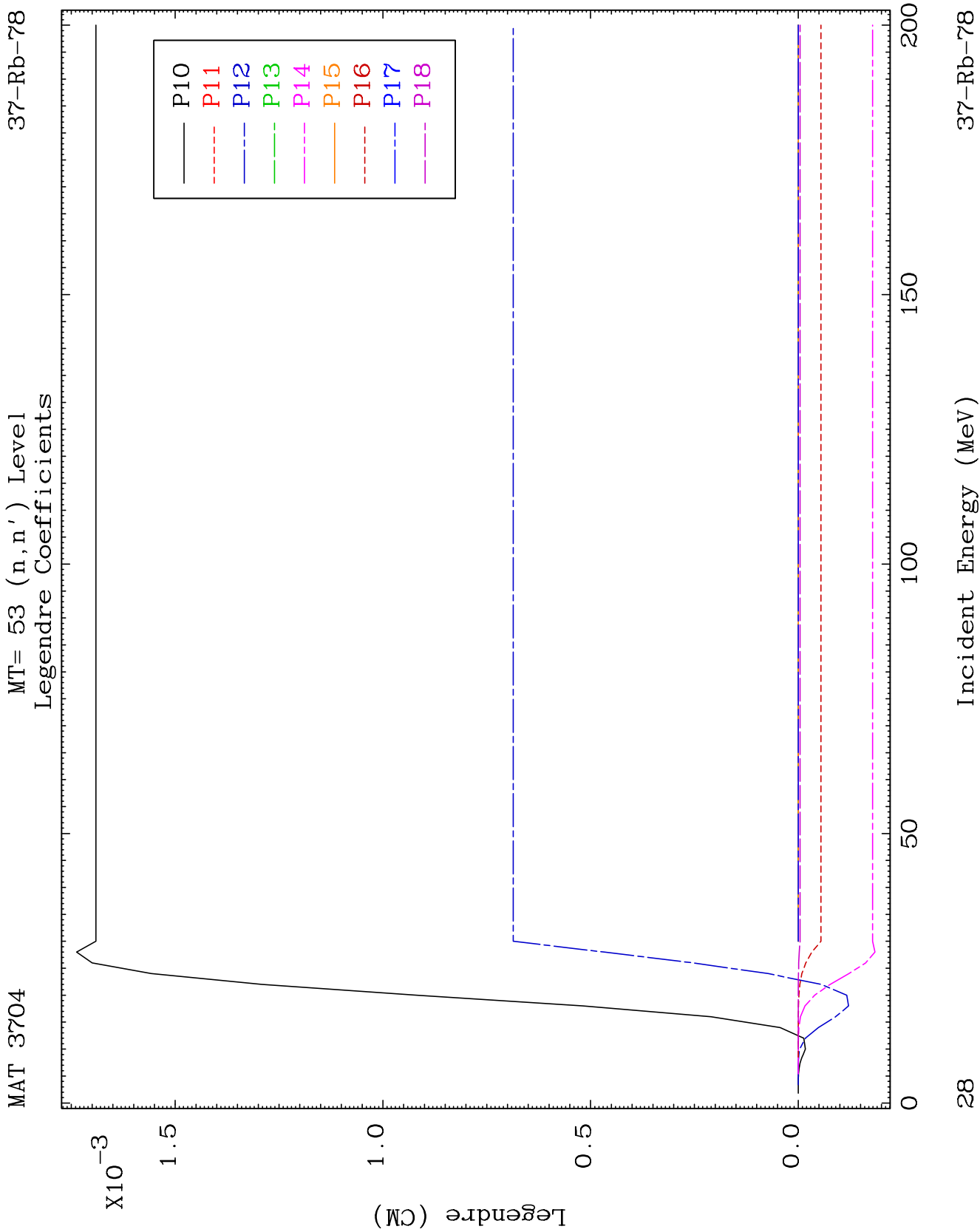
MAT 3704

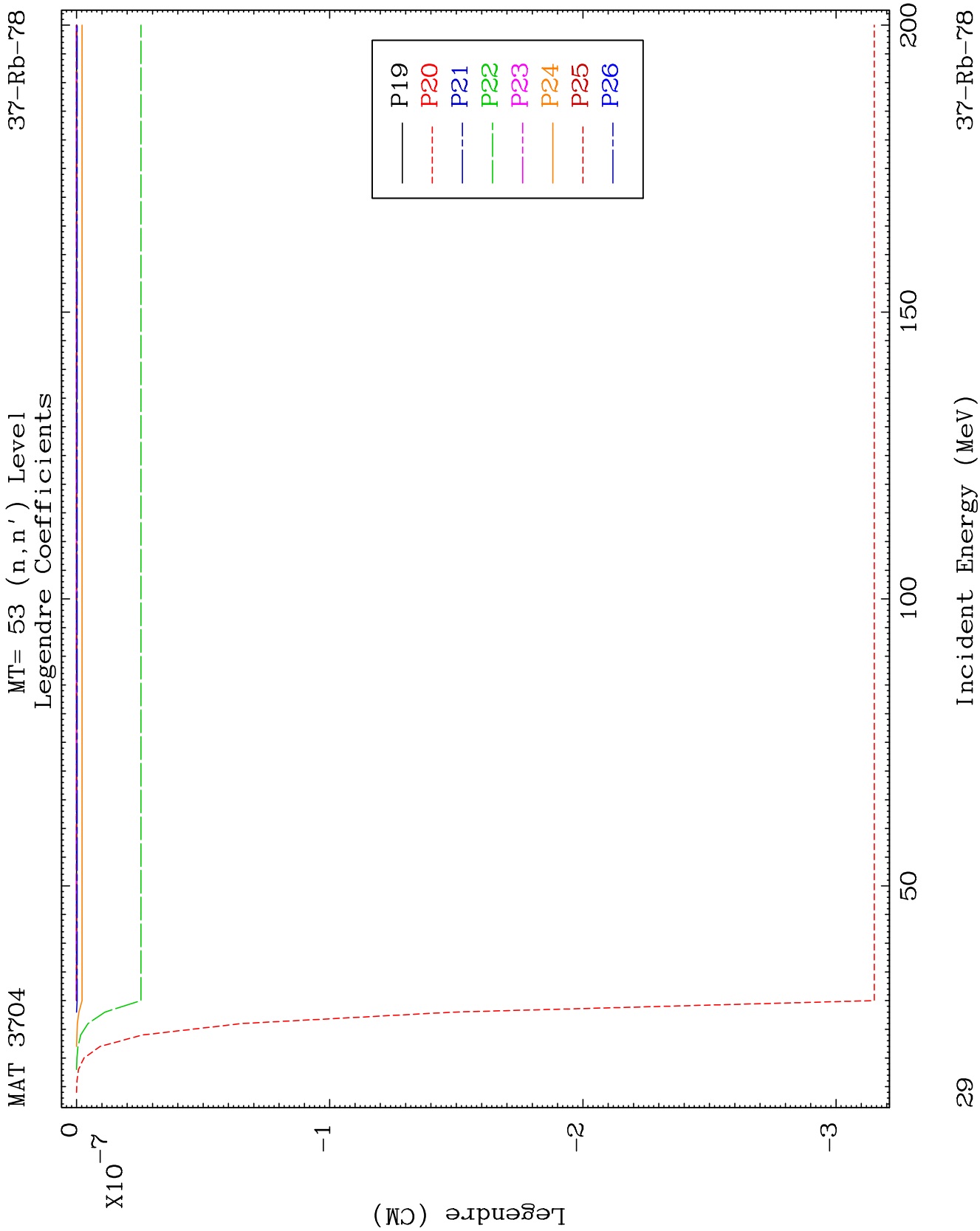
MT= 52 (n, n') Level
Legendre Coefficients

37-Rb-78





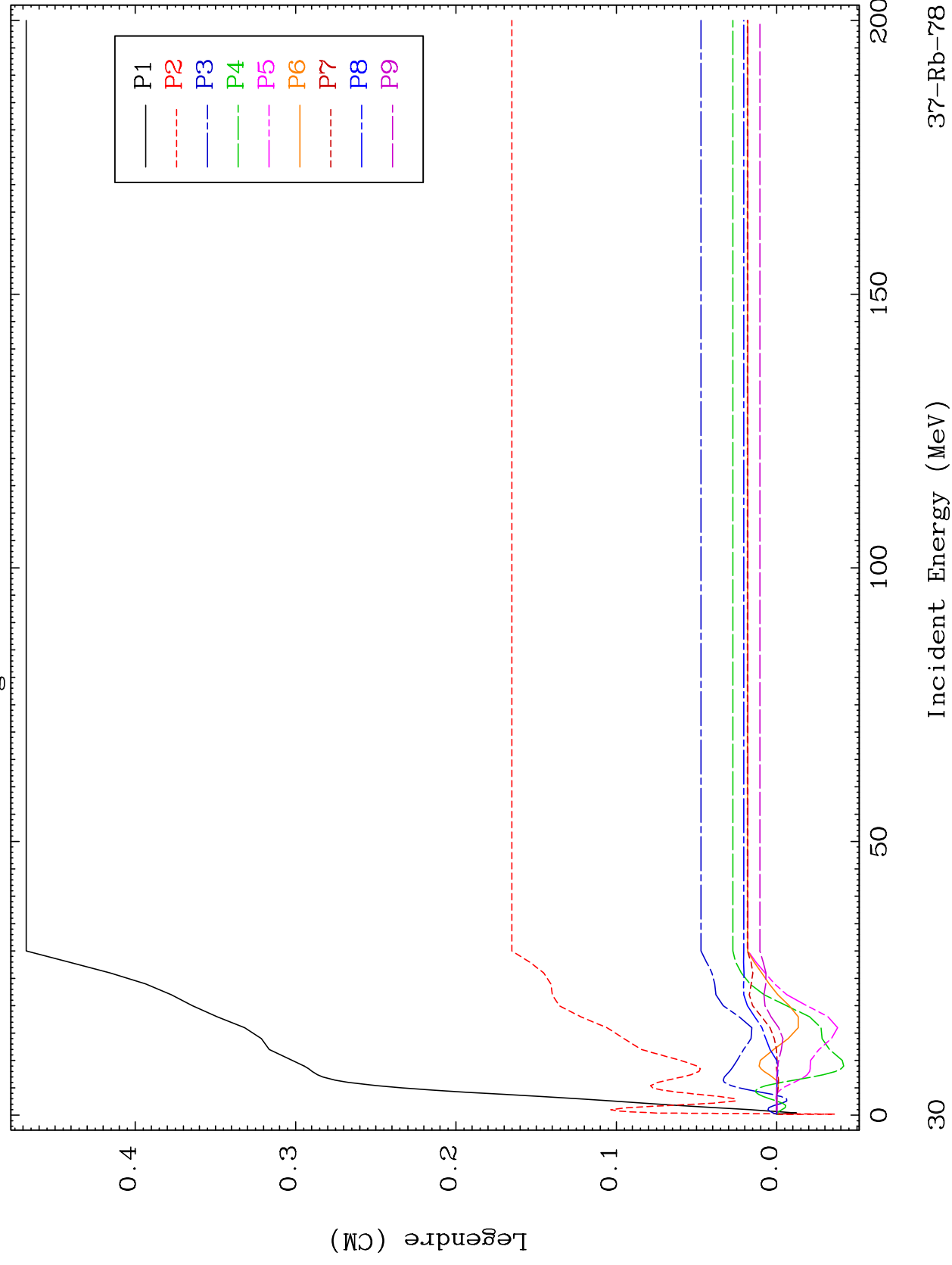




MAT 3704

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

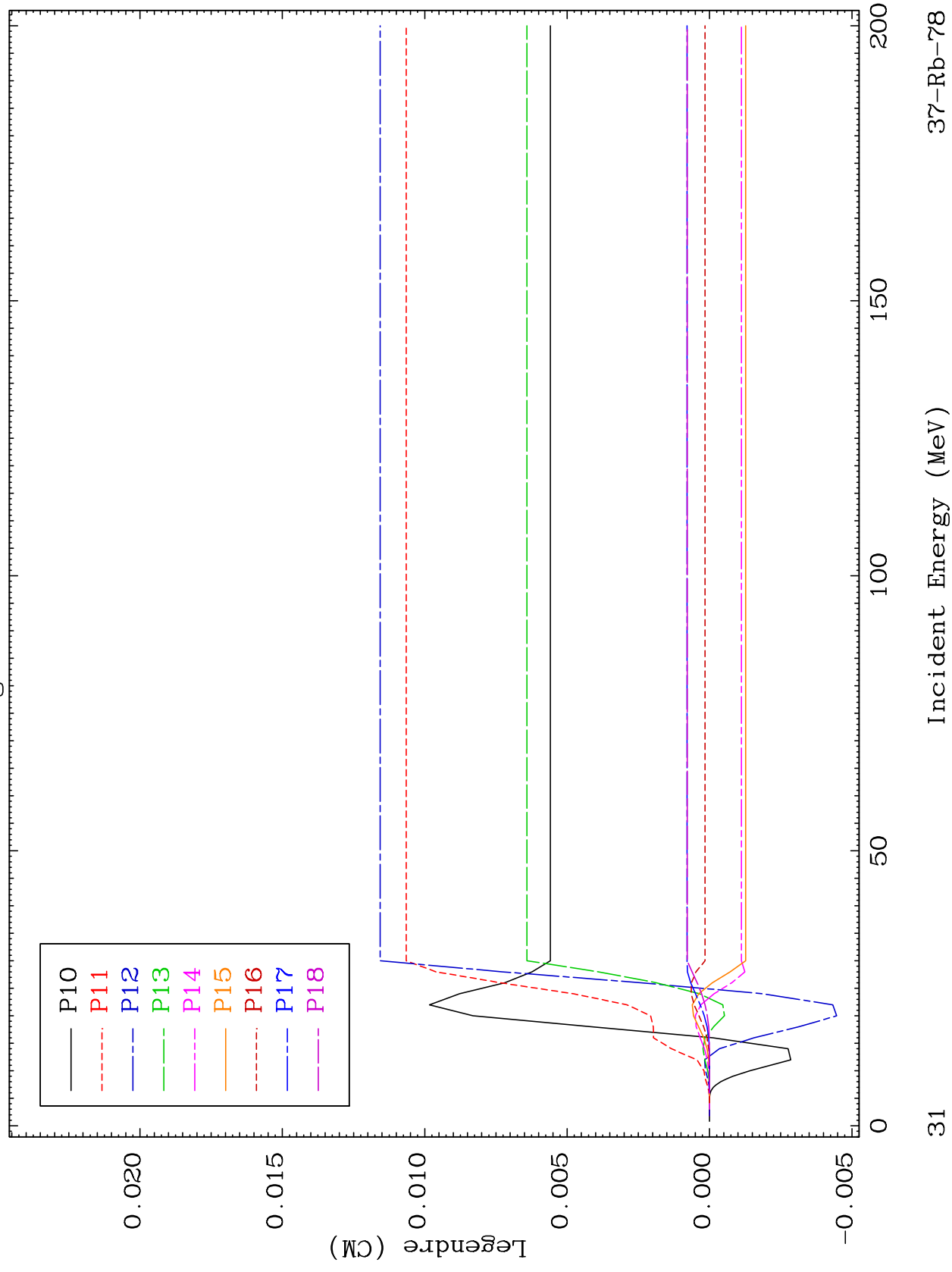
37-Rb-78

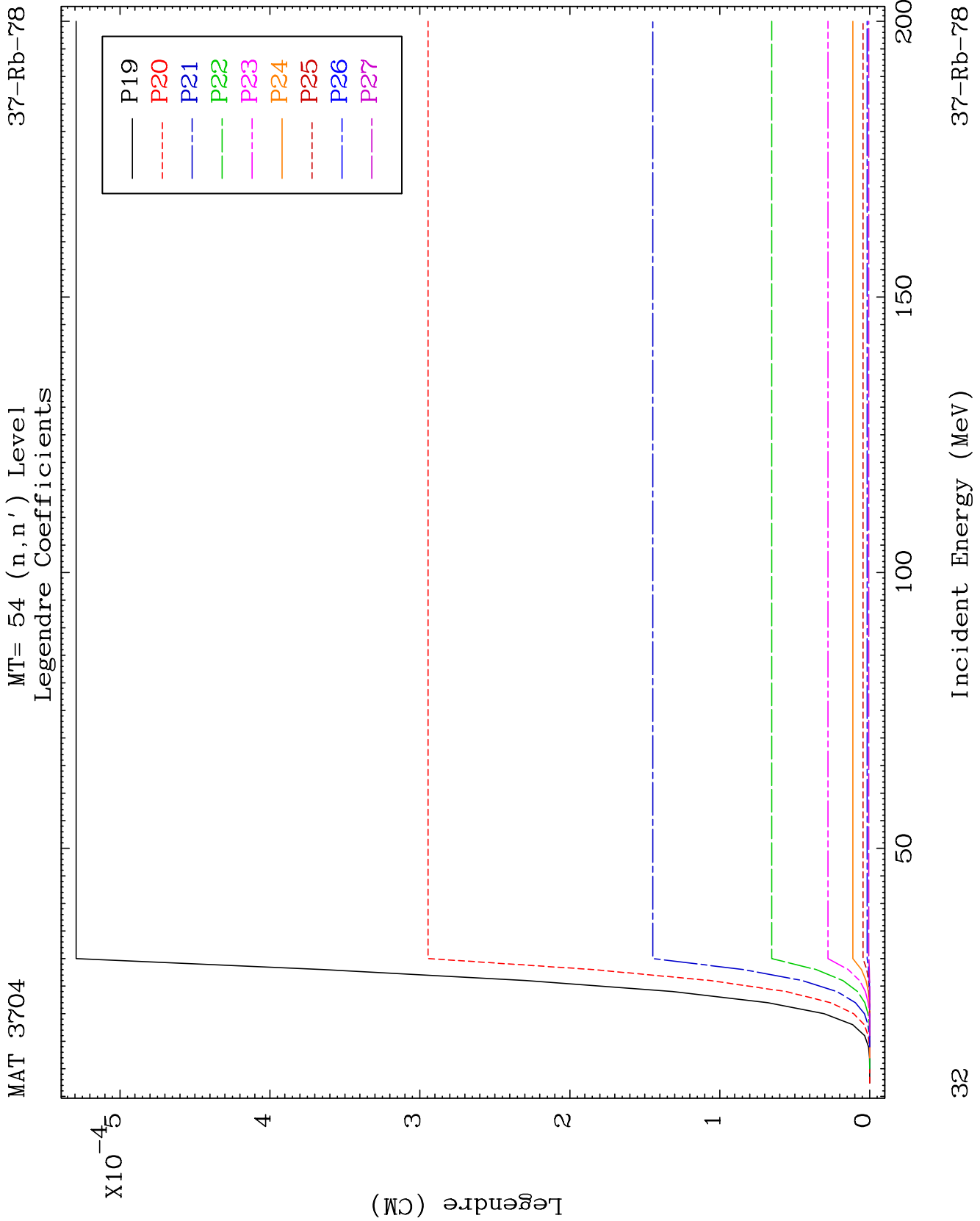


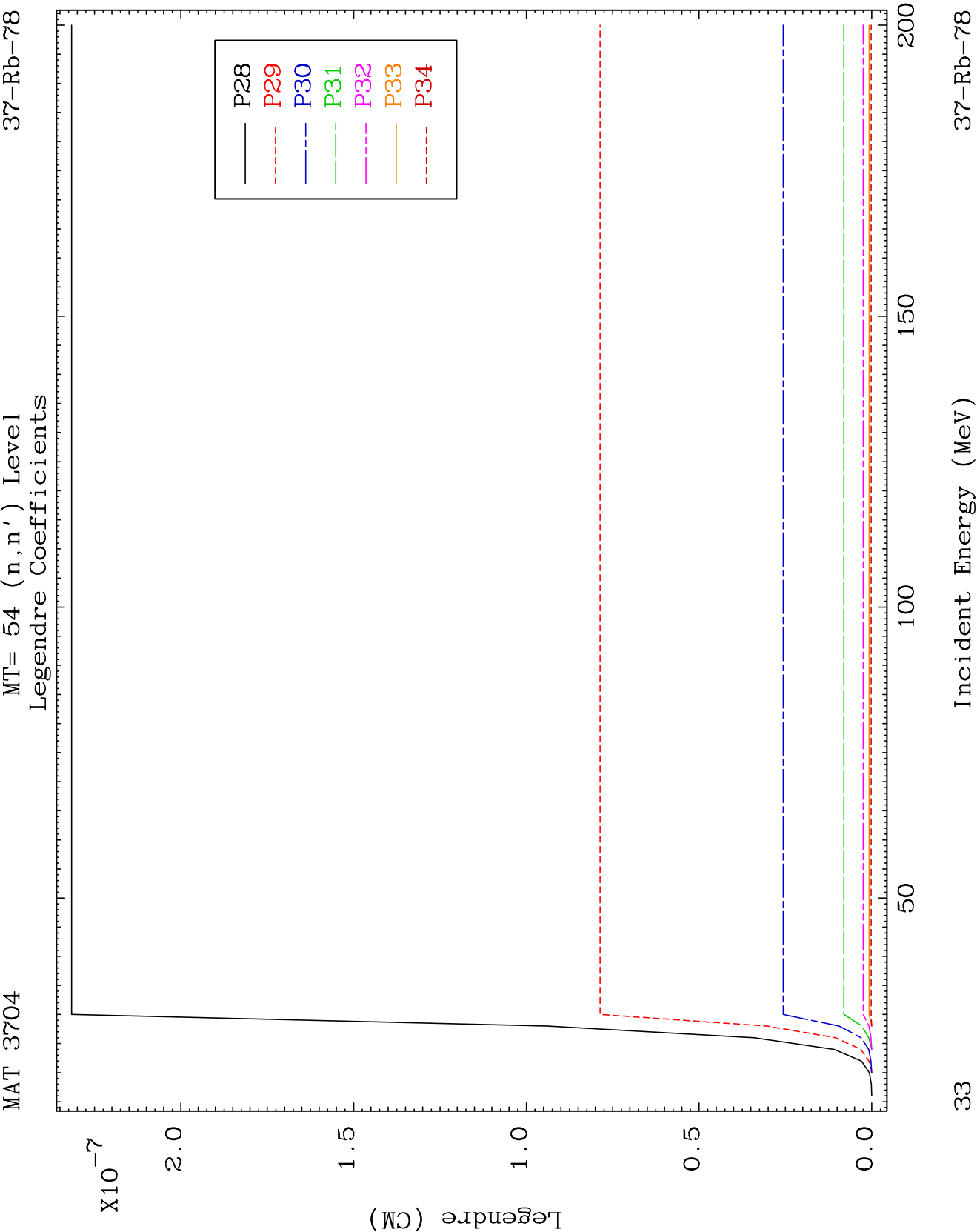
MAT 3704

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

37-Rb-78



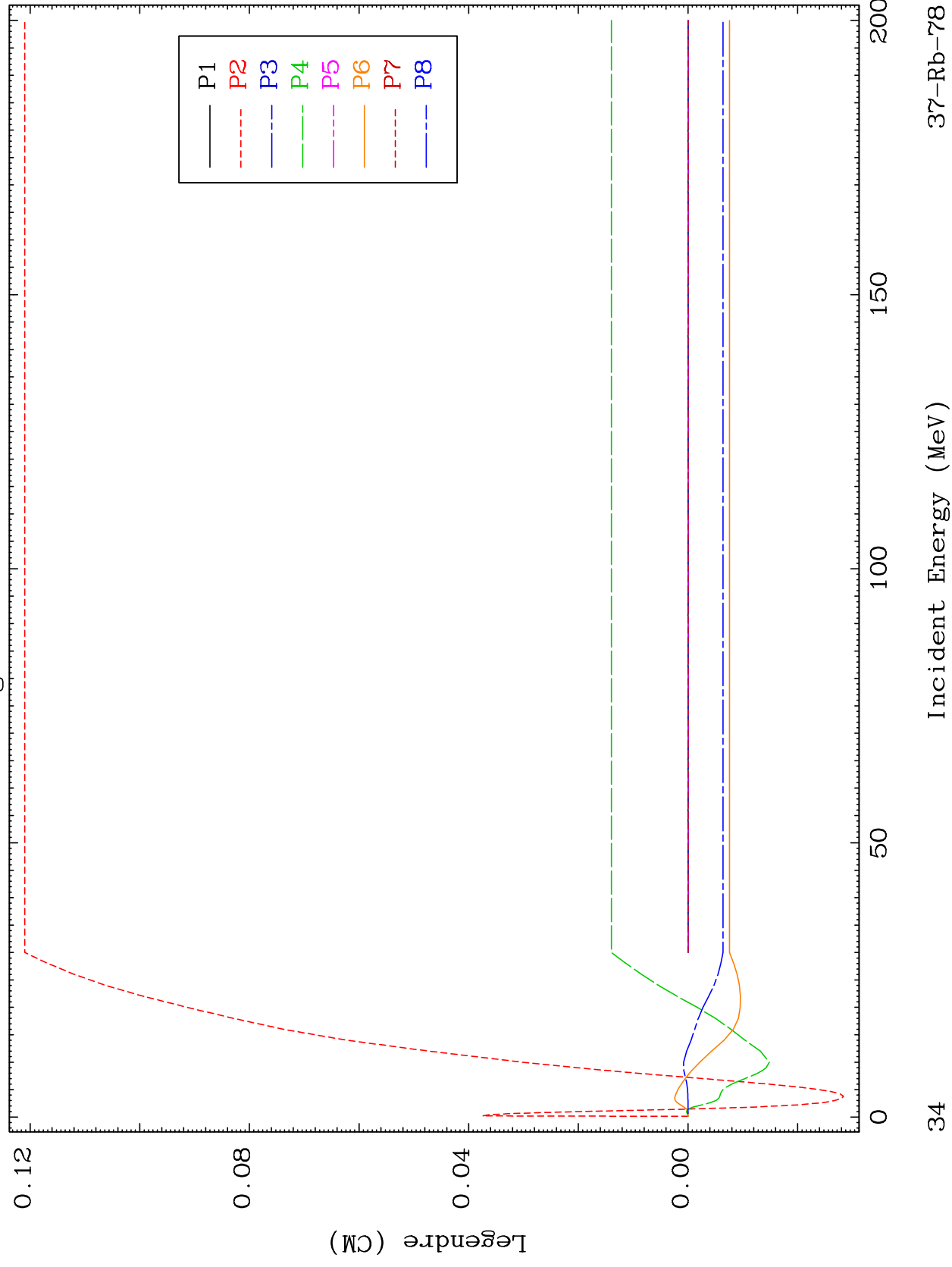


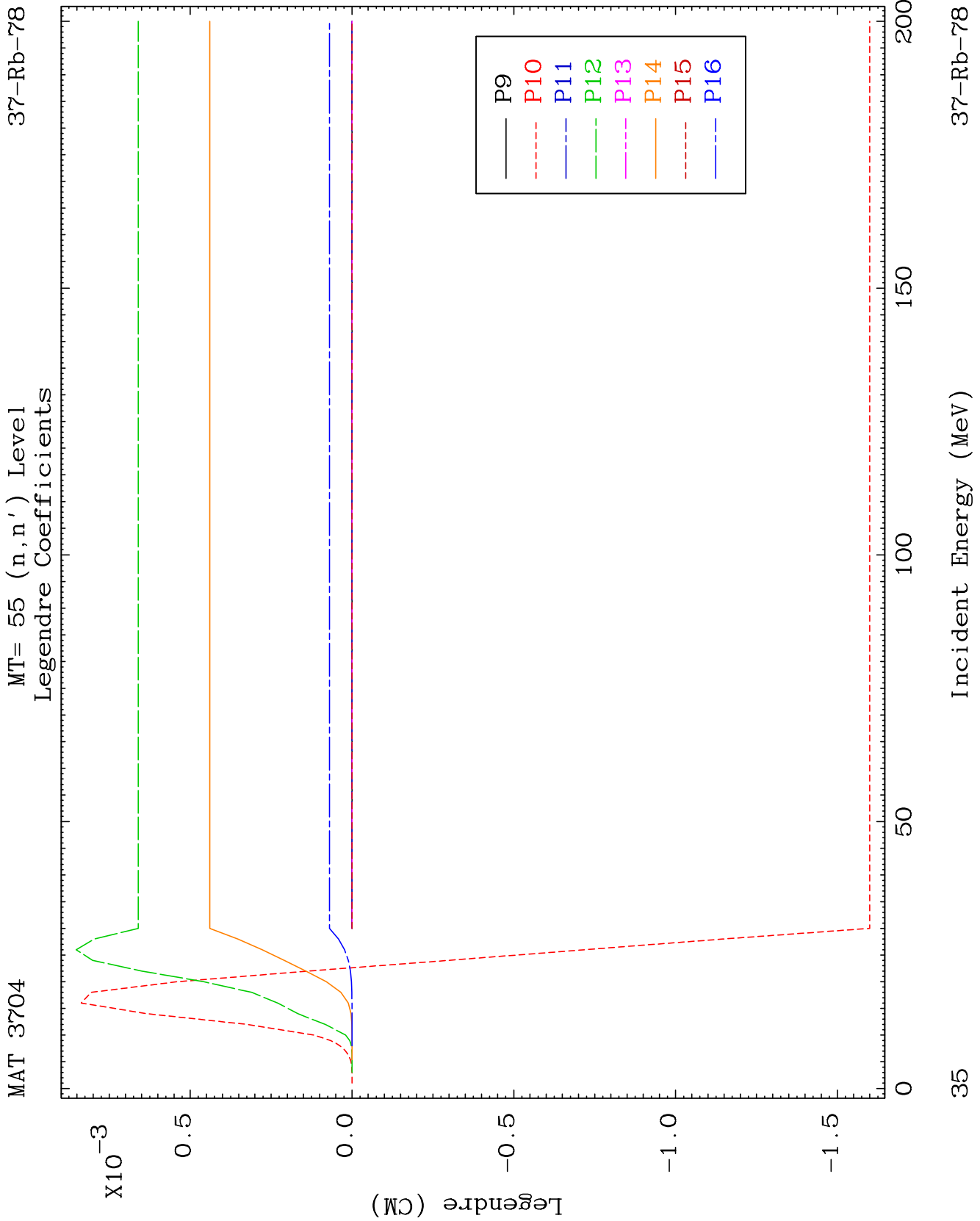


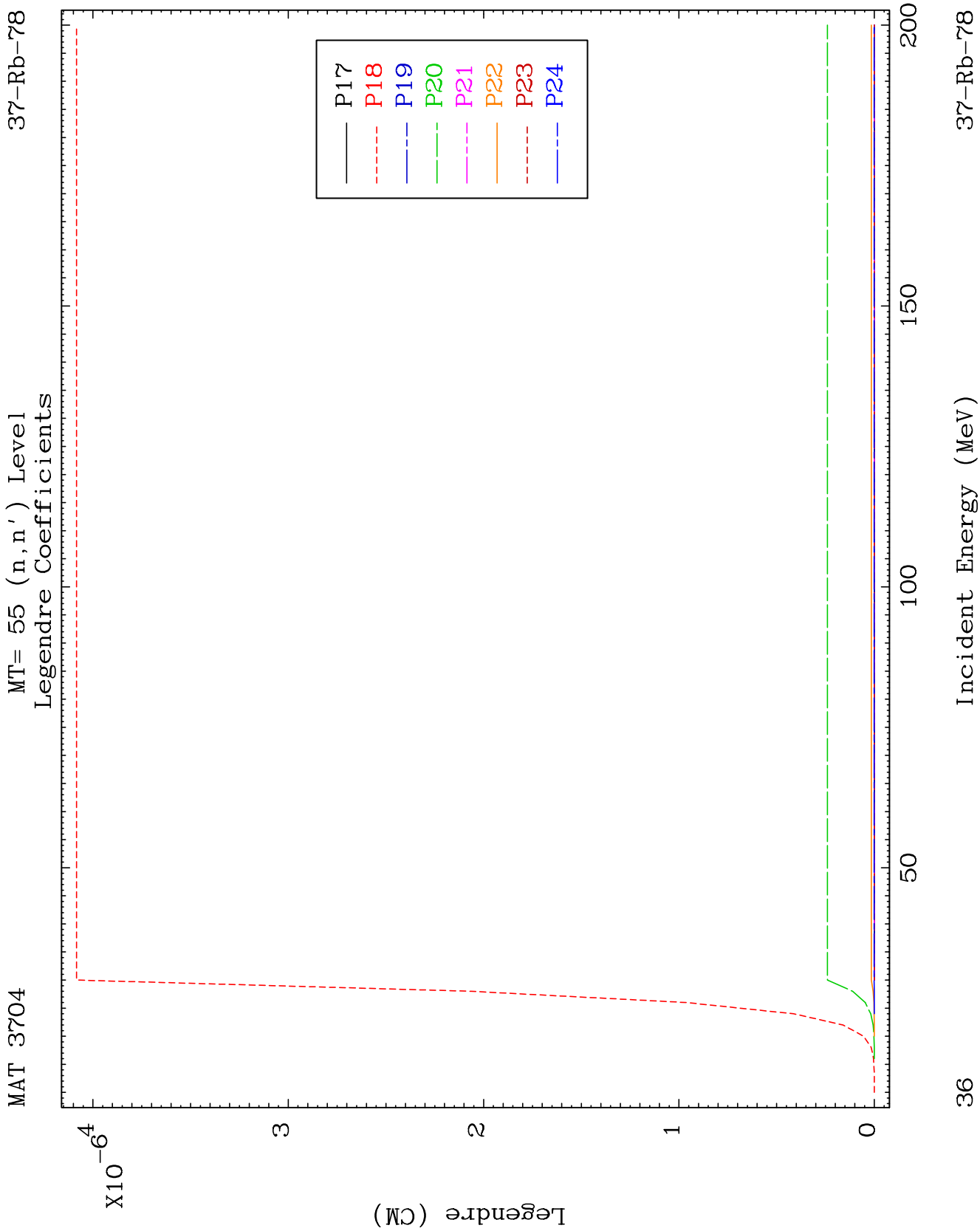
MAT 3704

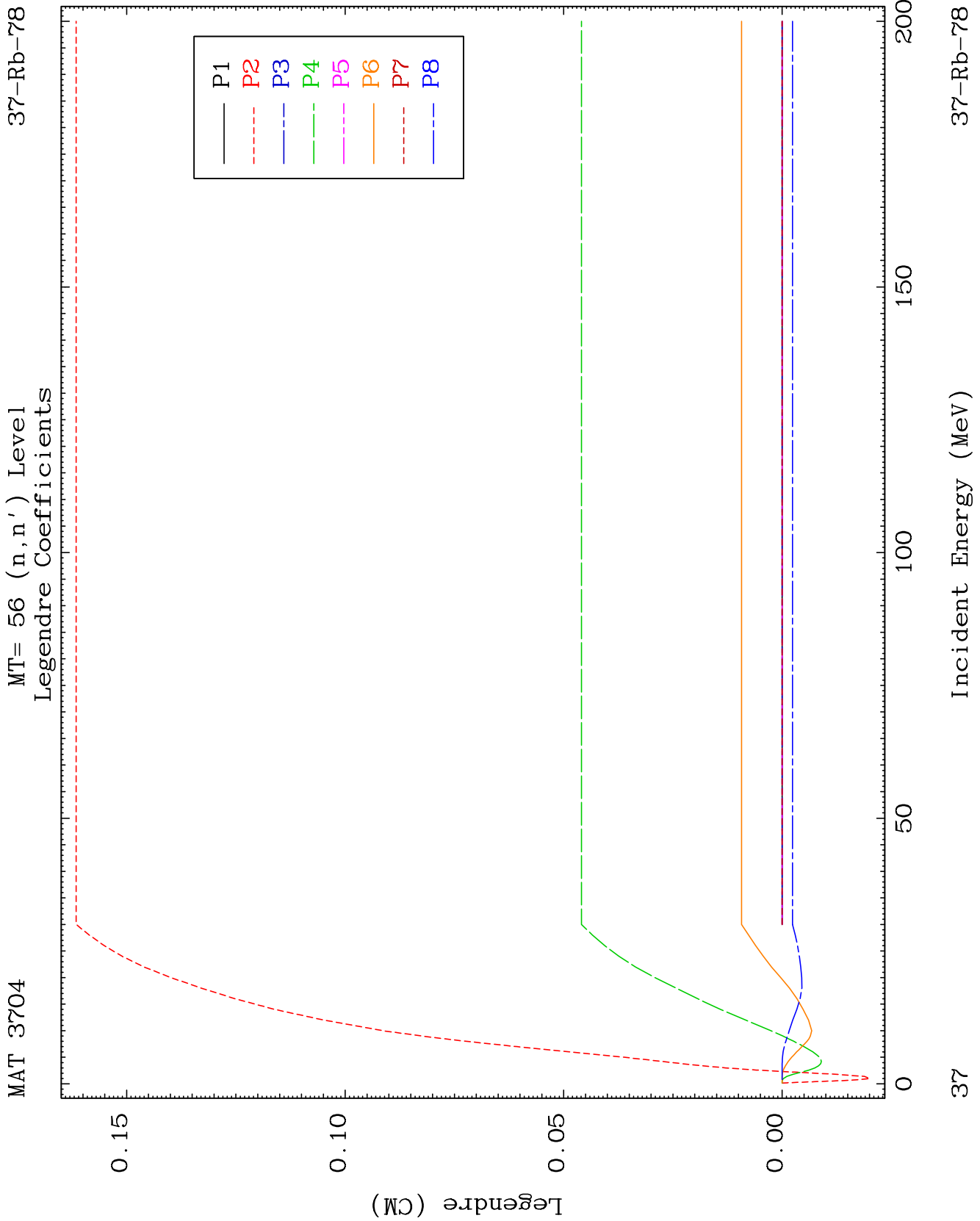
MT= 55 (n, n') Level
Legendre Coefficients

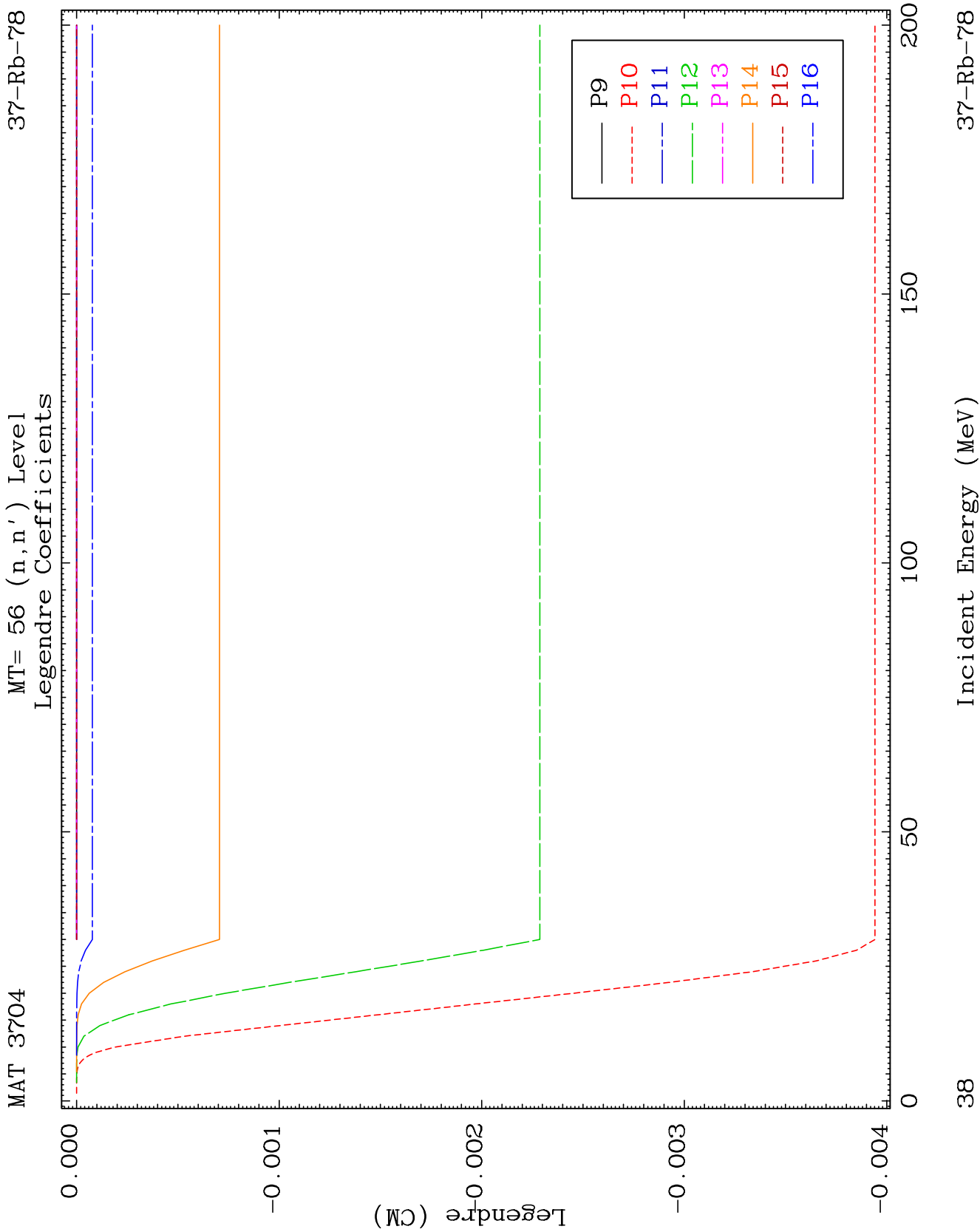
37-Rb-78

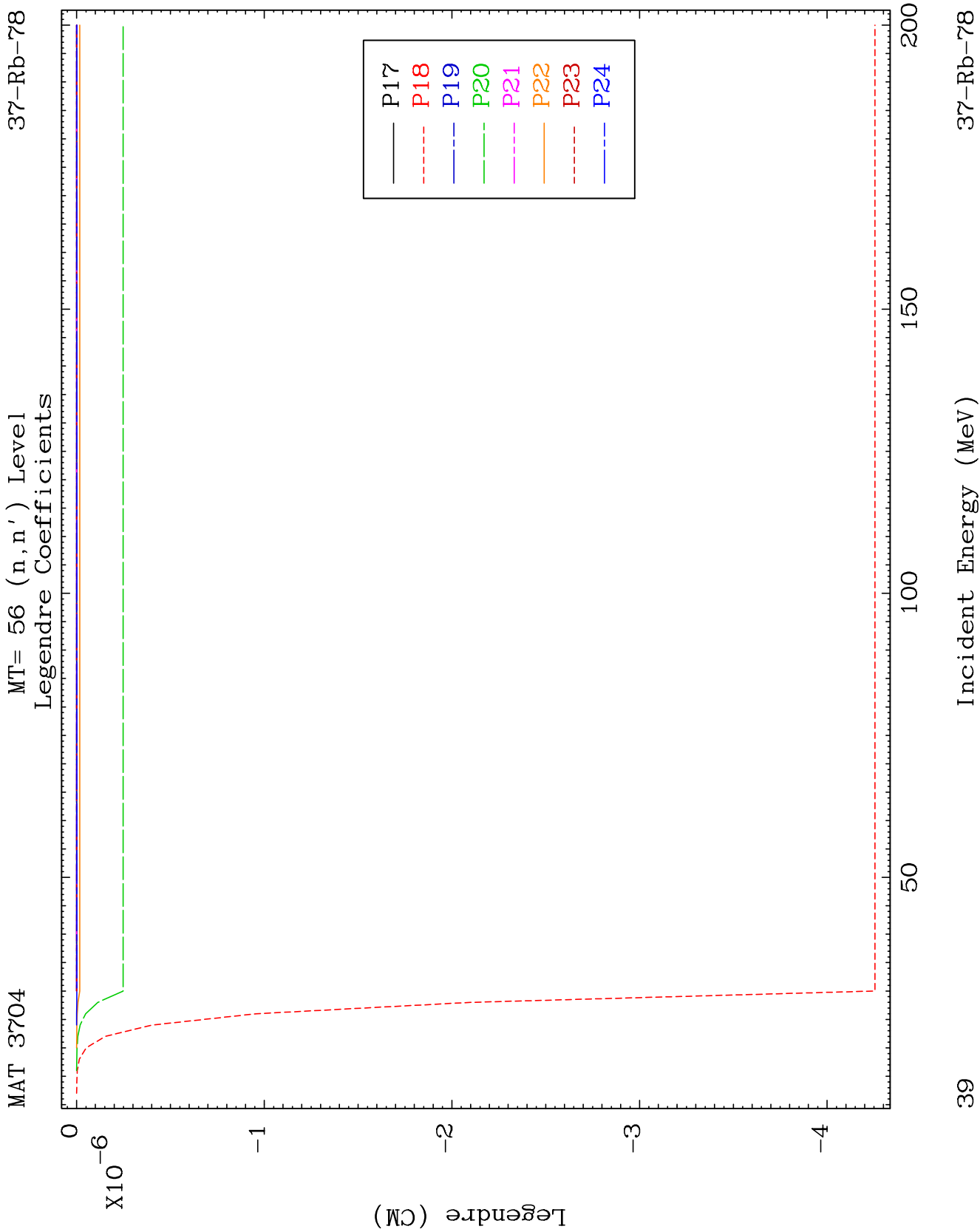








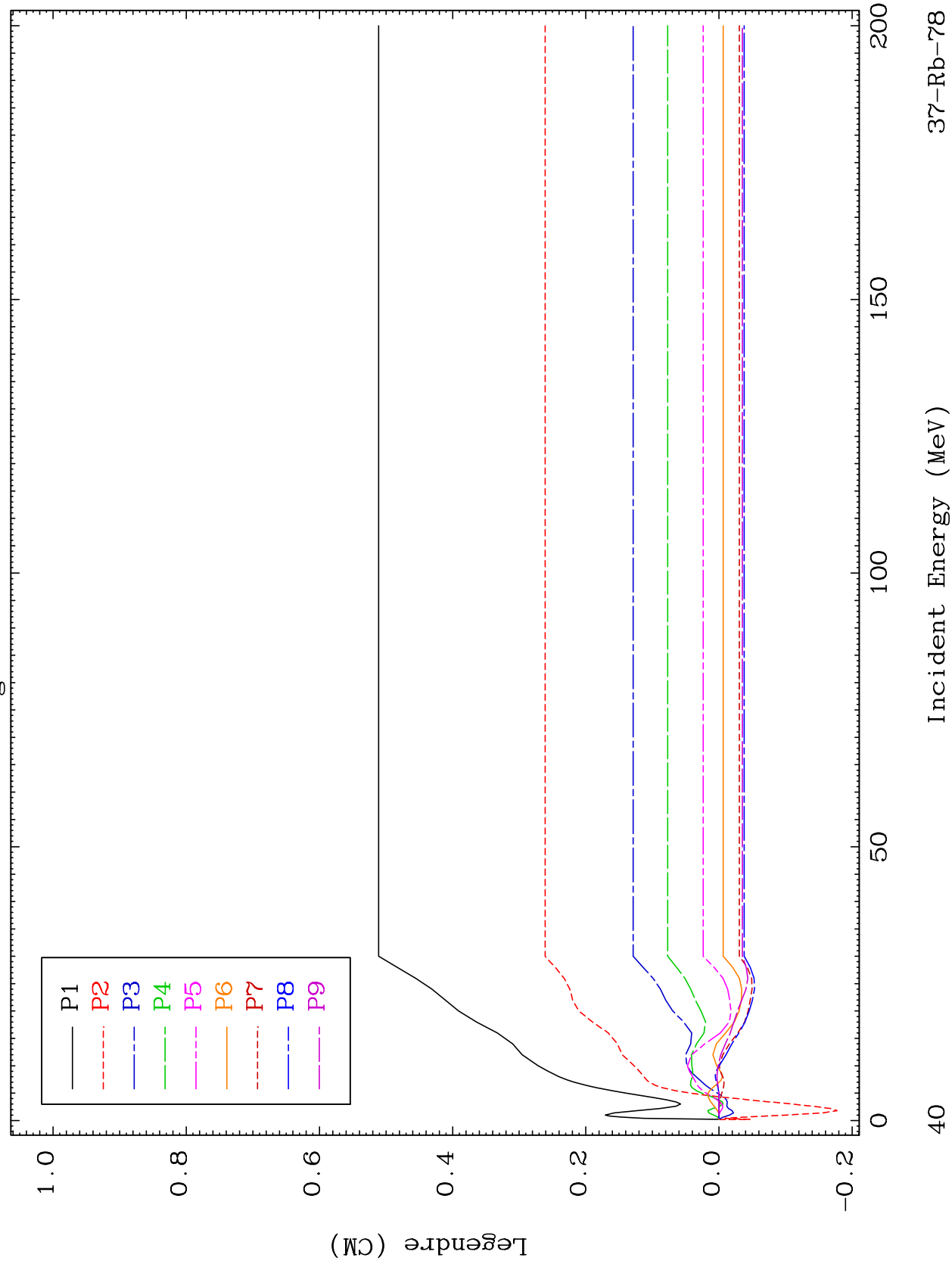




MAT 3704

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

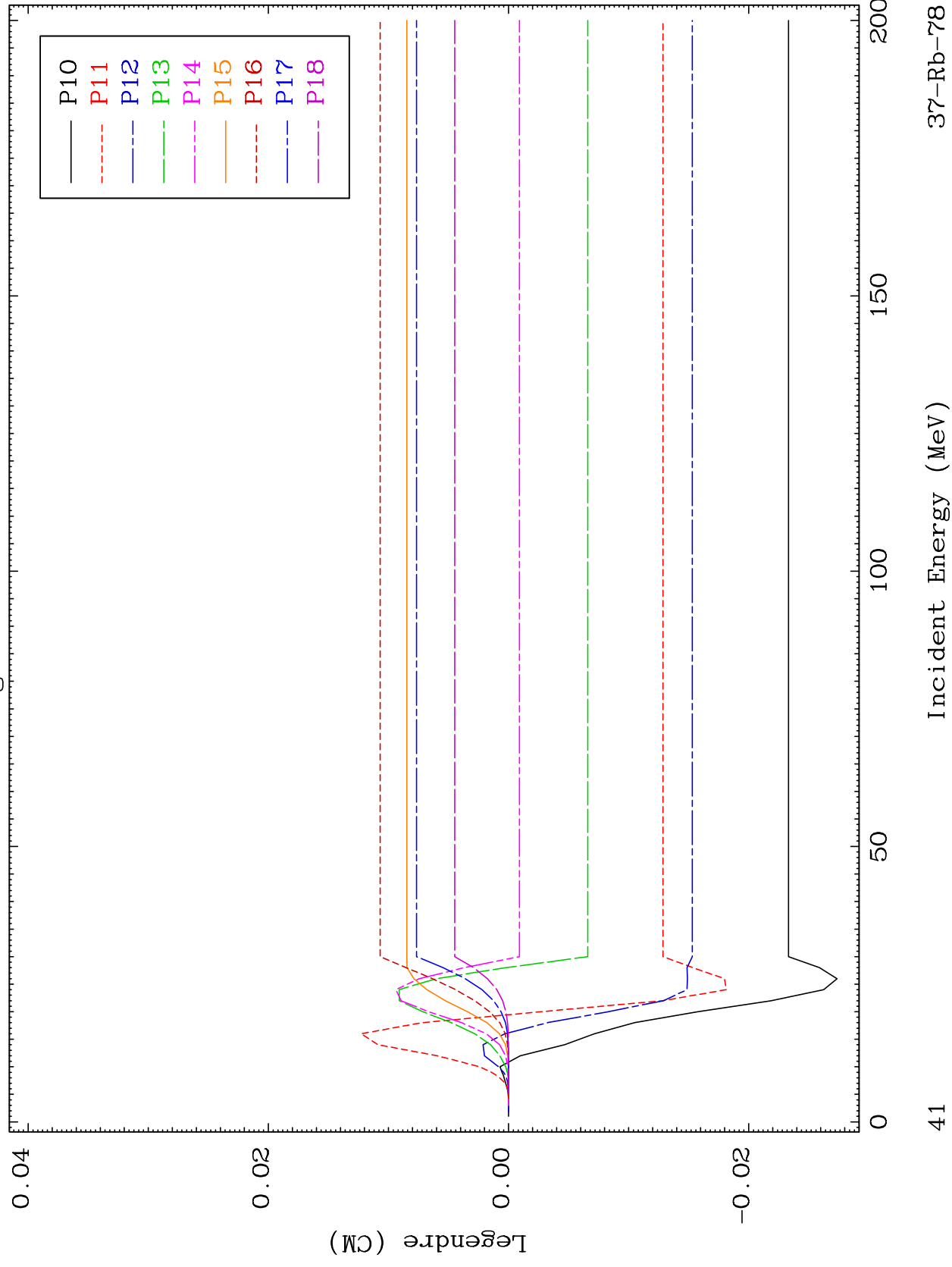
37-Rb-78

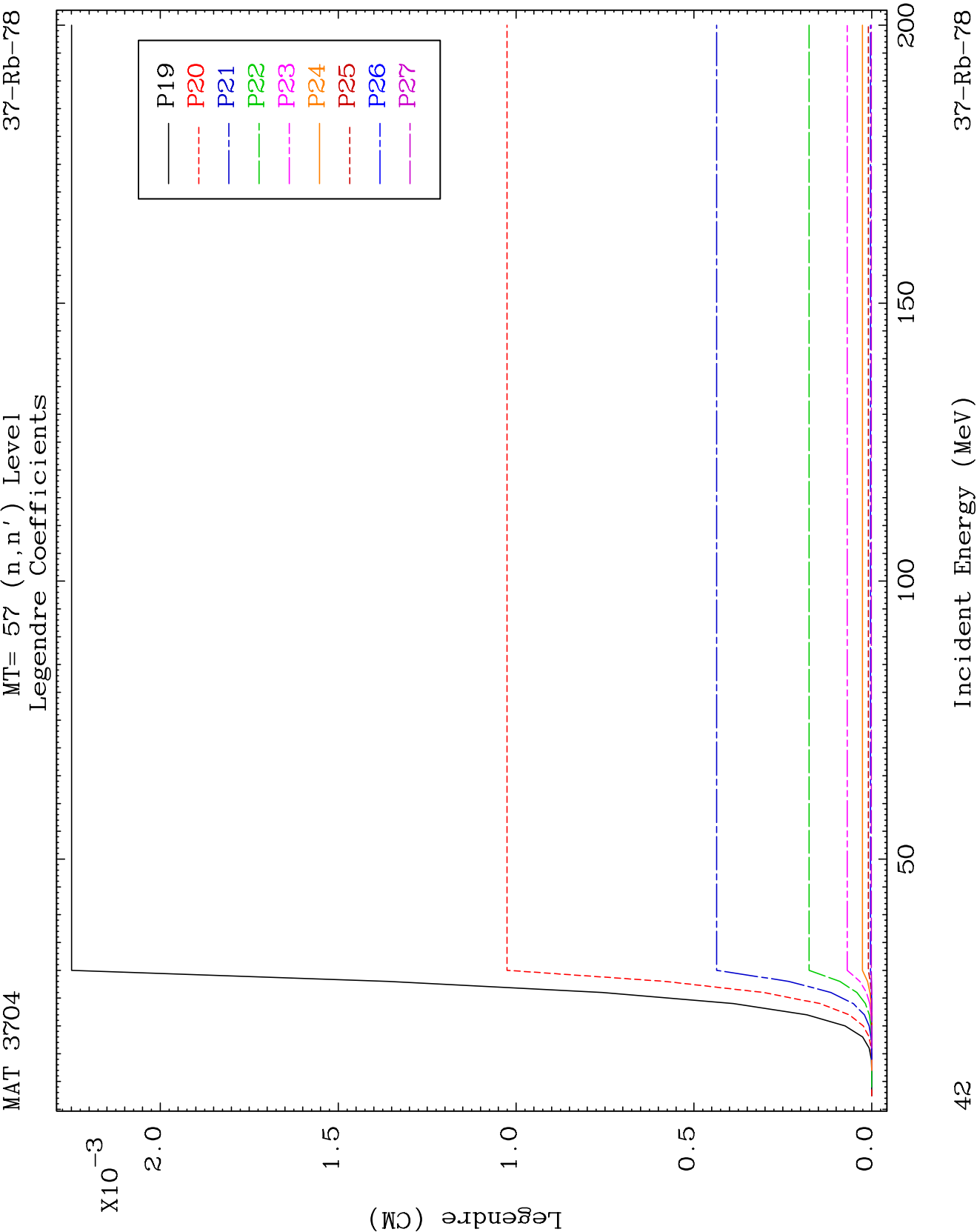


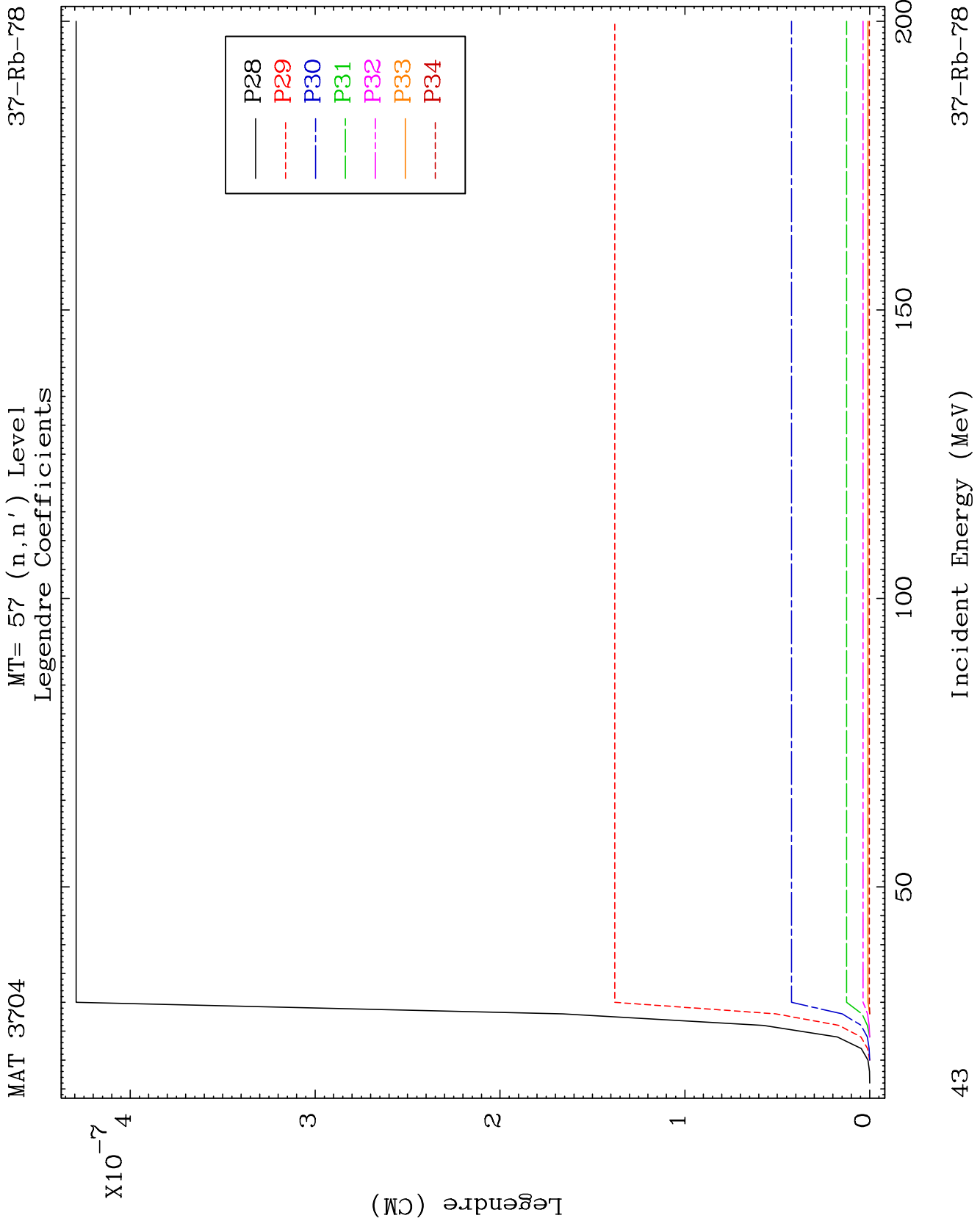
MAT 3704

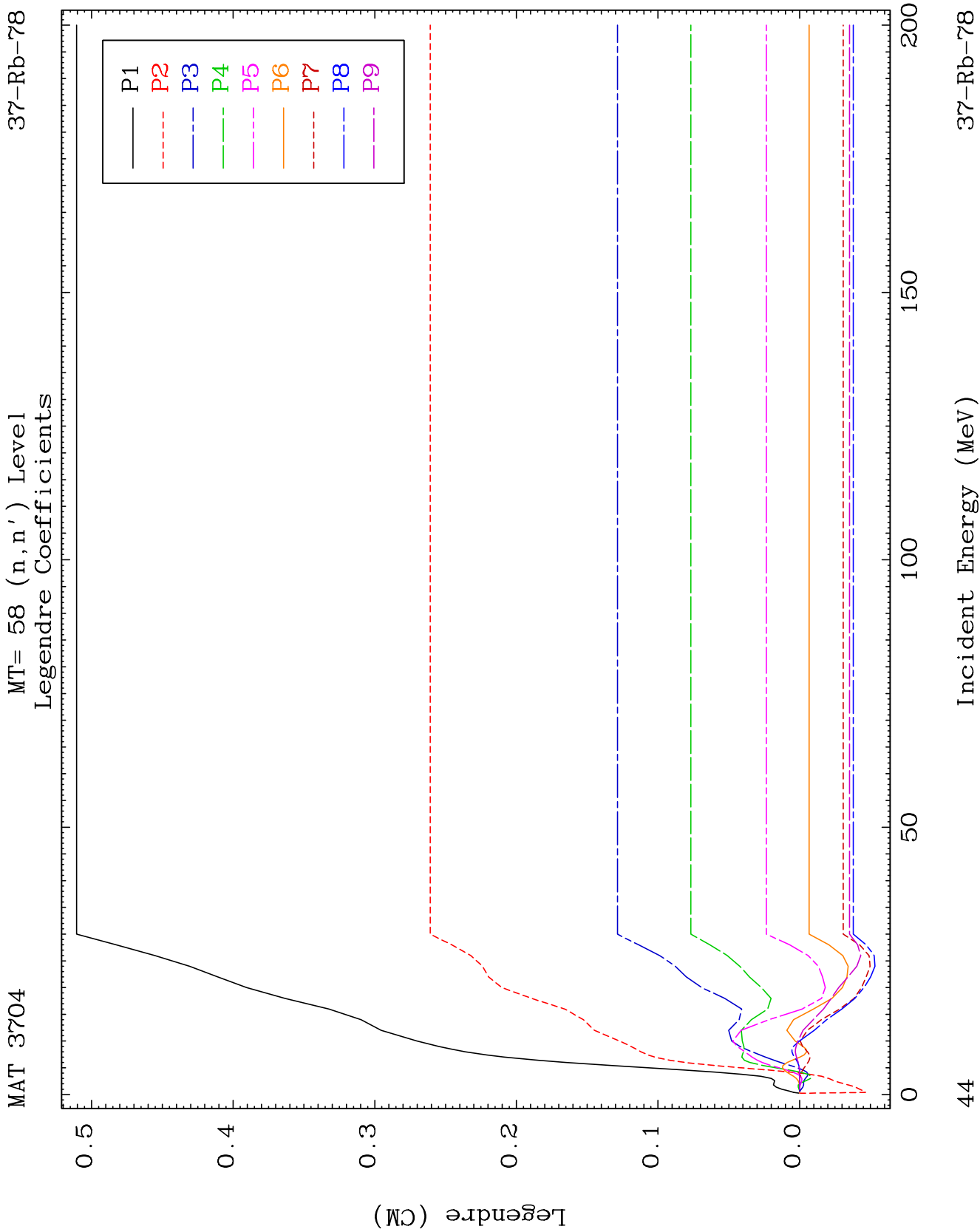
MT= 57 (n, n') Level
Legendre Coefficients

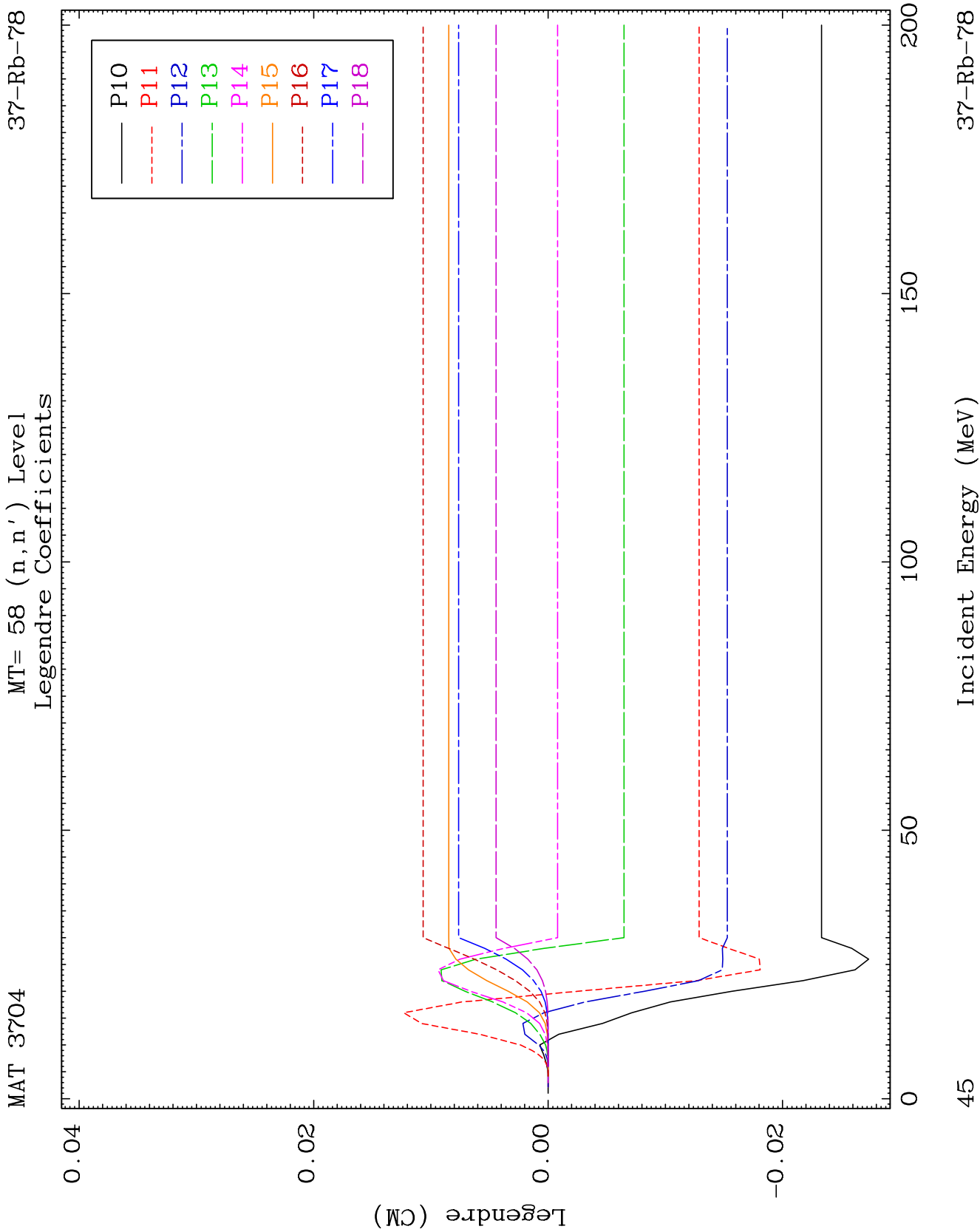
37-Rb-78

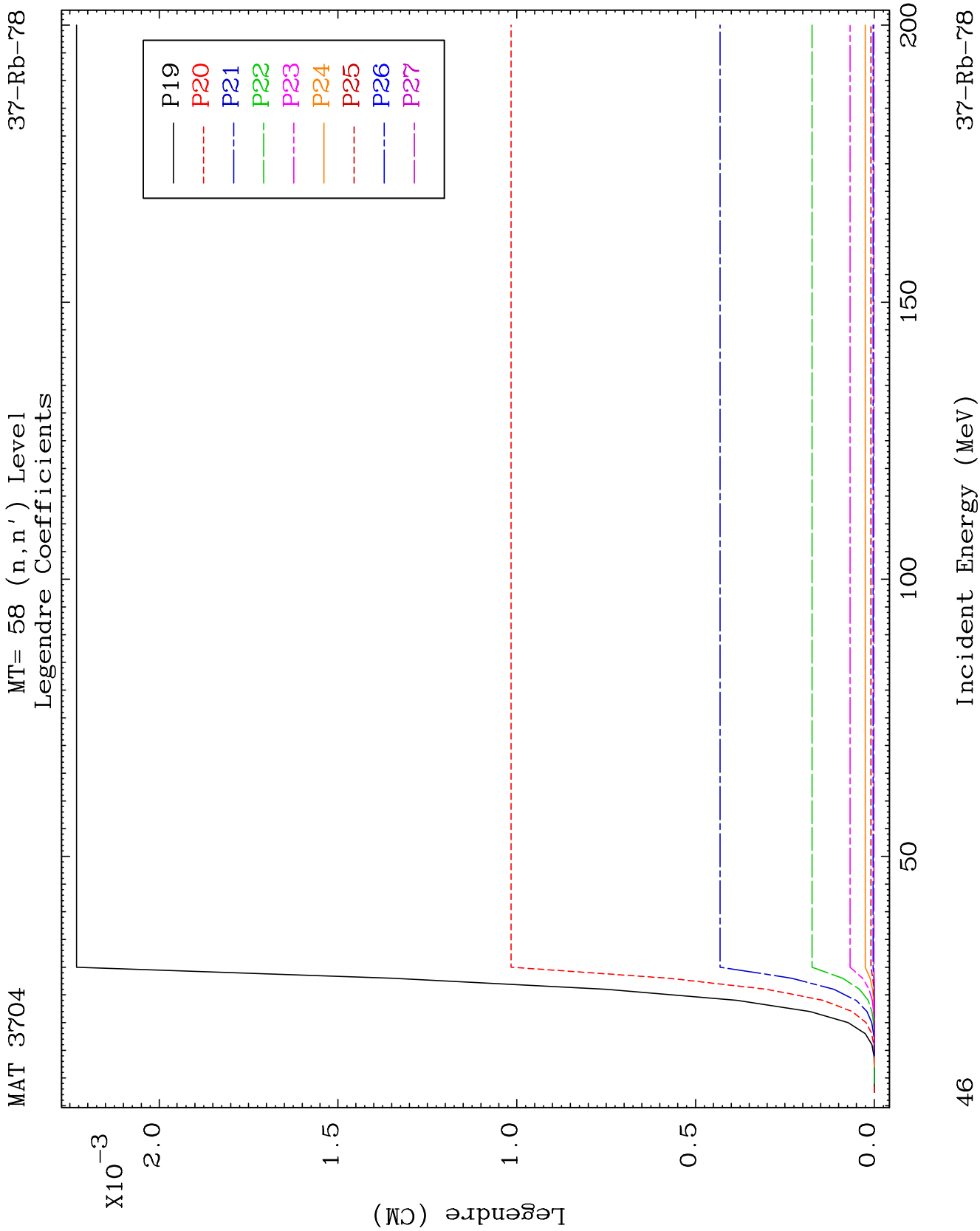


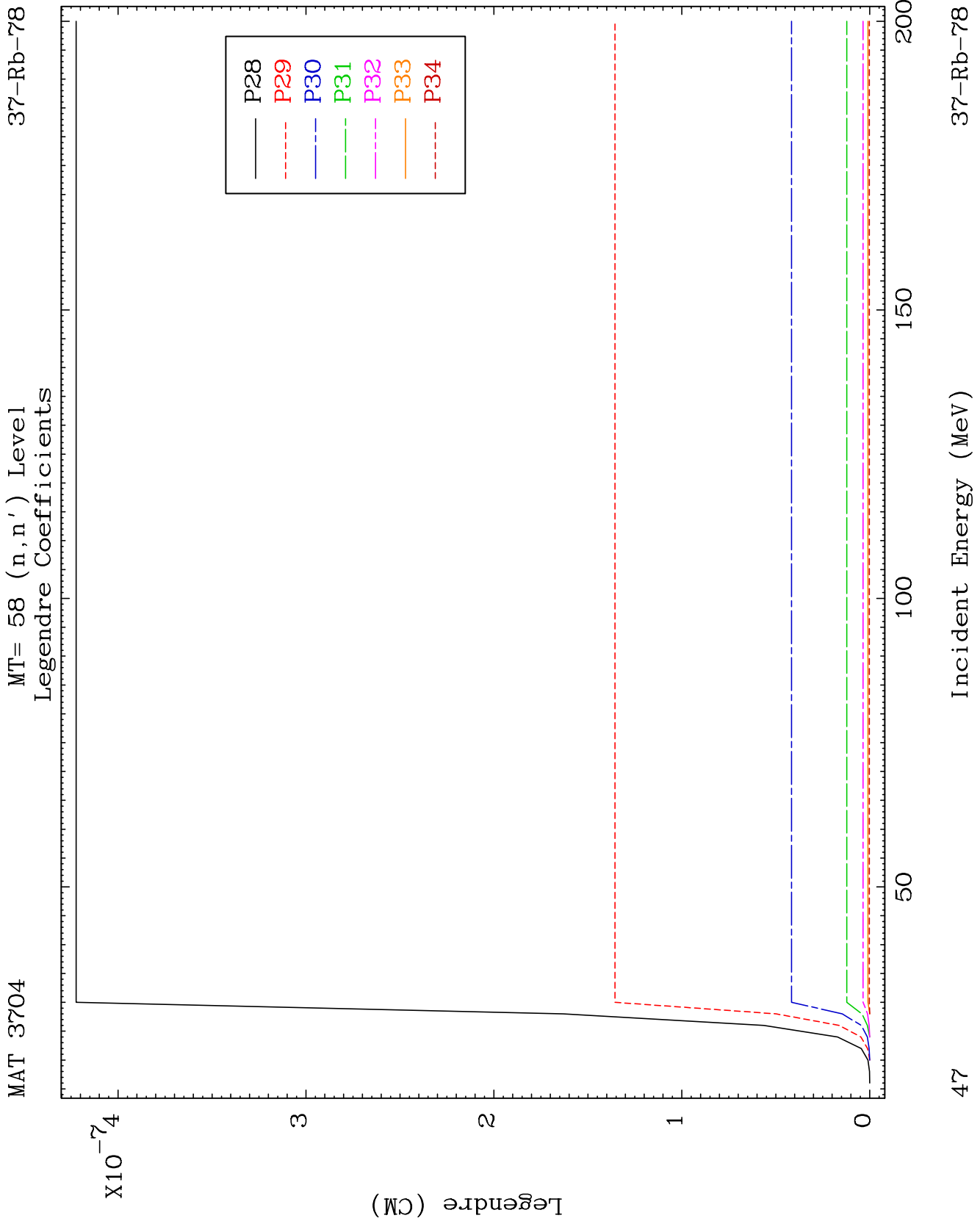








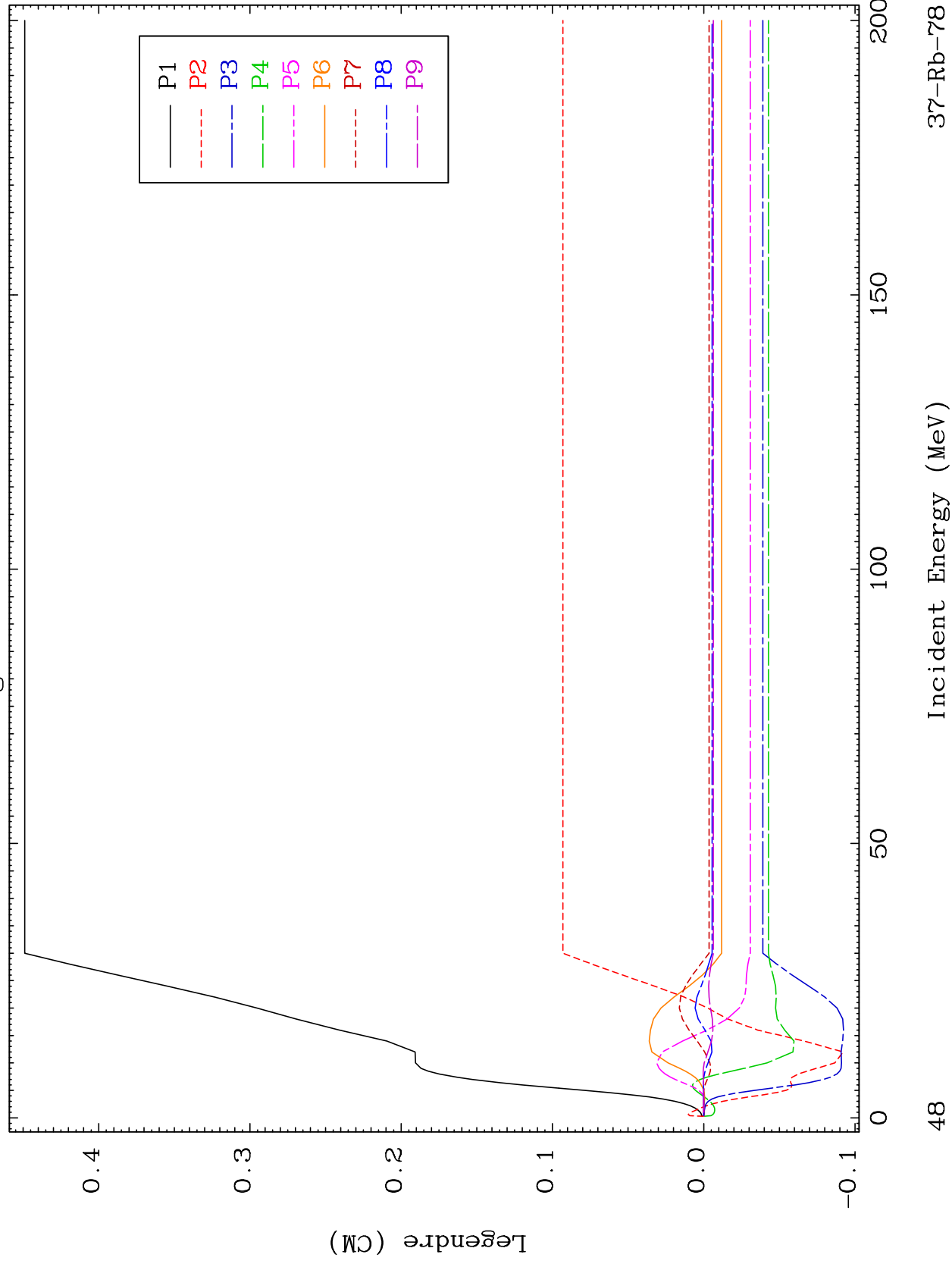




MAT 3704

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

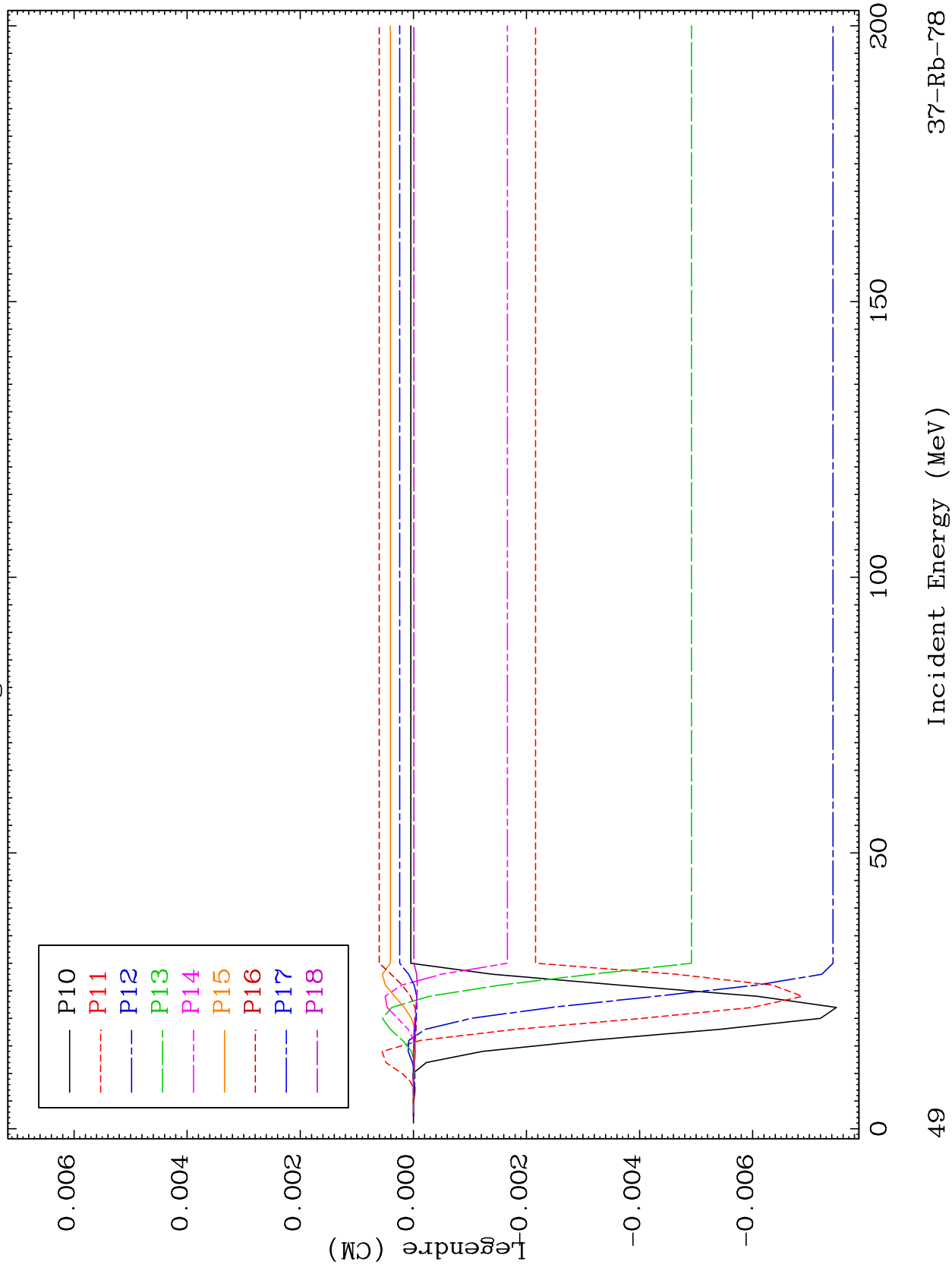
37-Rb-78

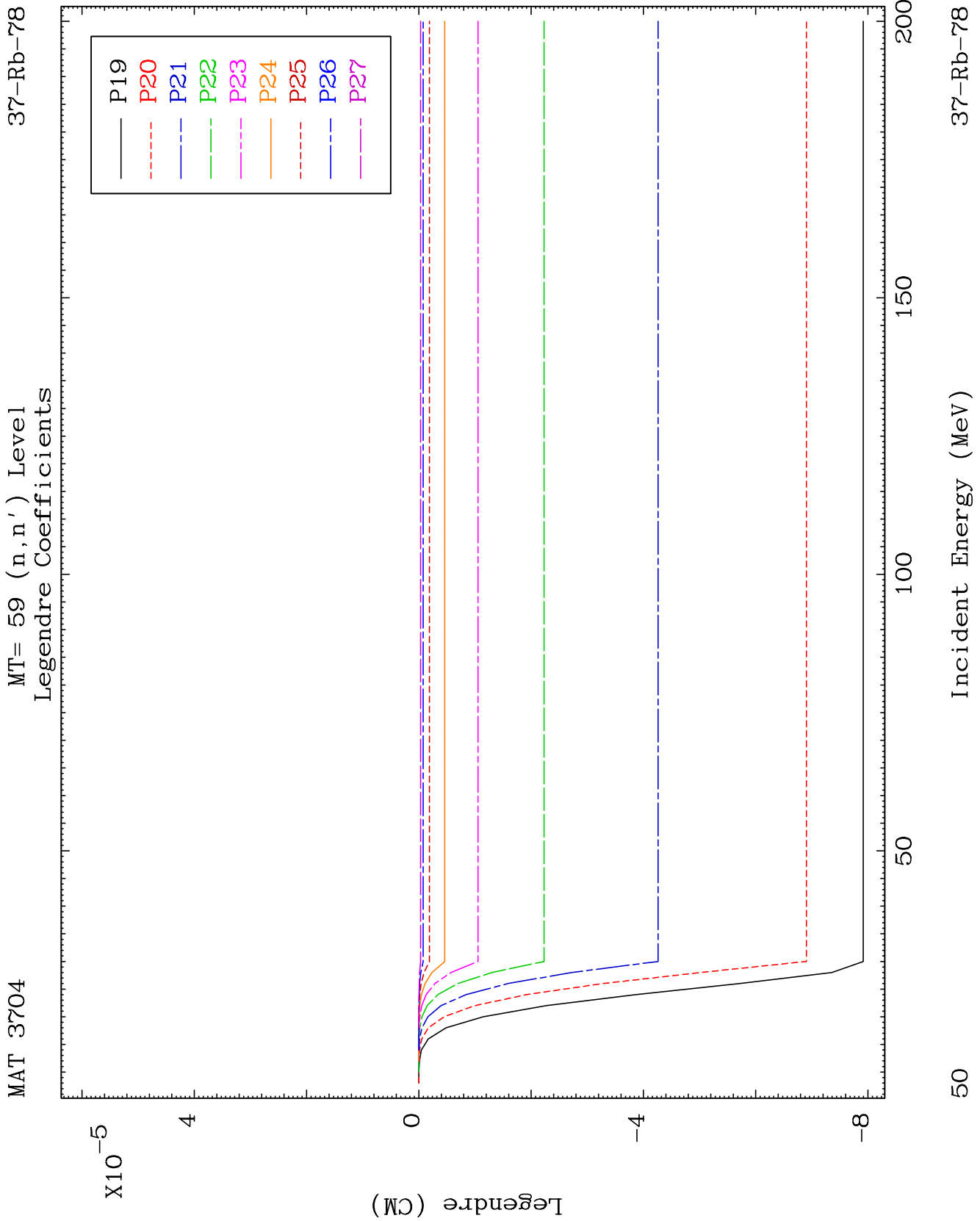


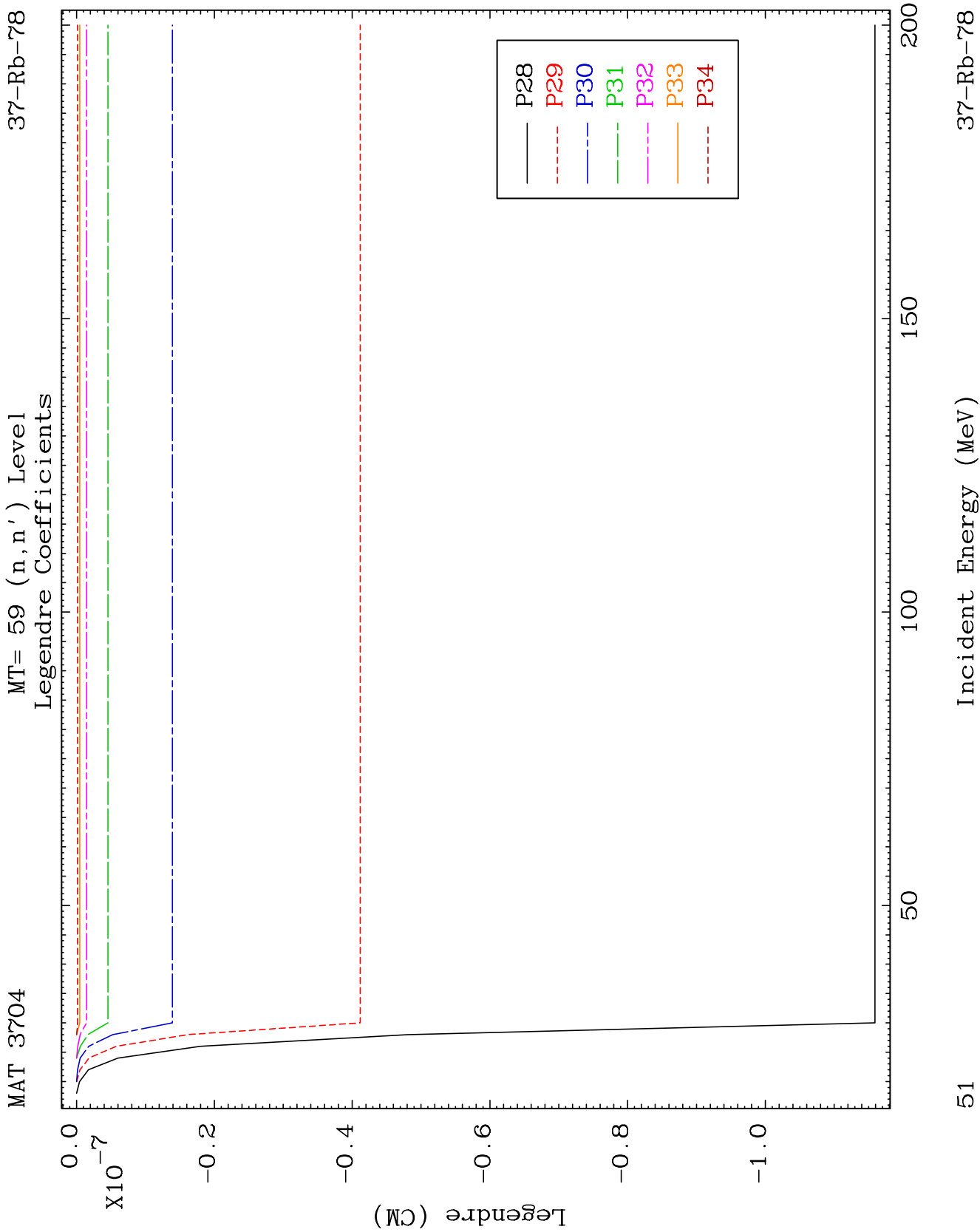
MAT 3704

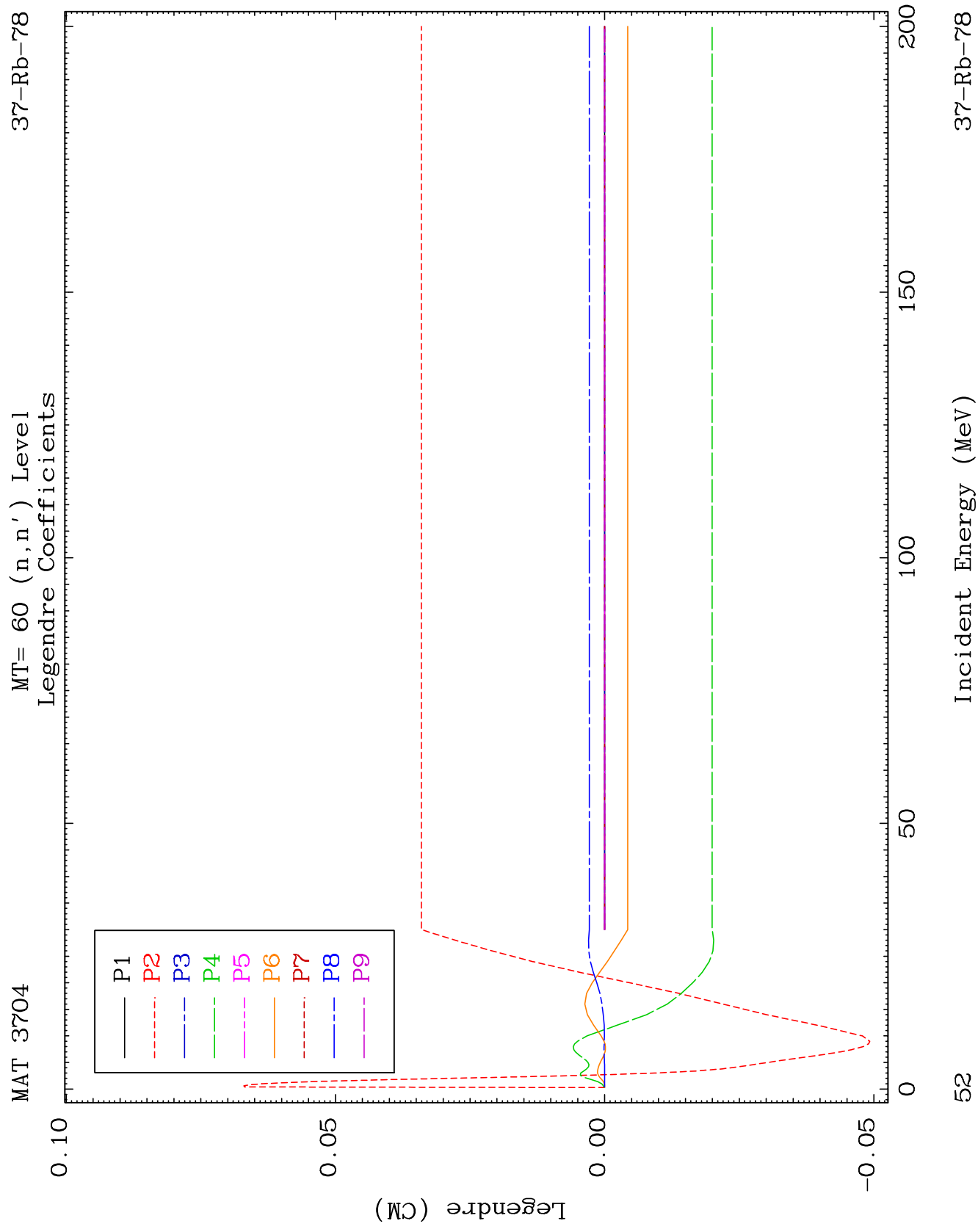
MT= 59 (n, n') Level
Legendre Coefficients

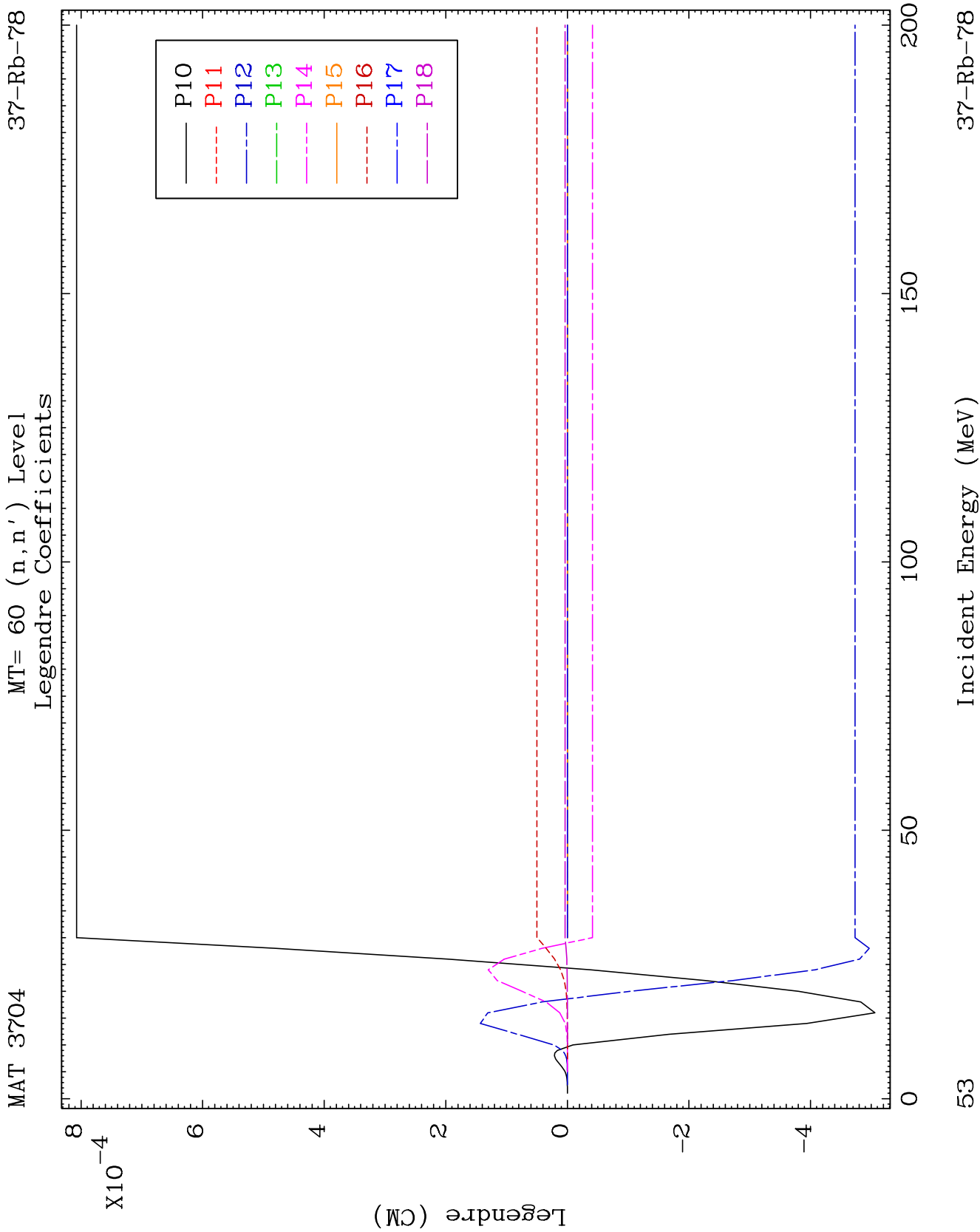
37-Rb-78

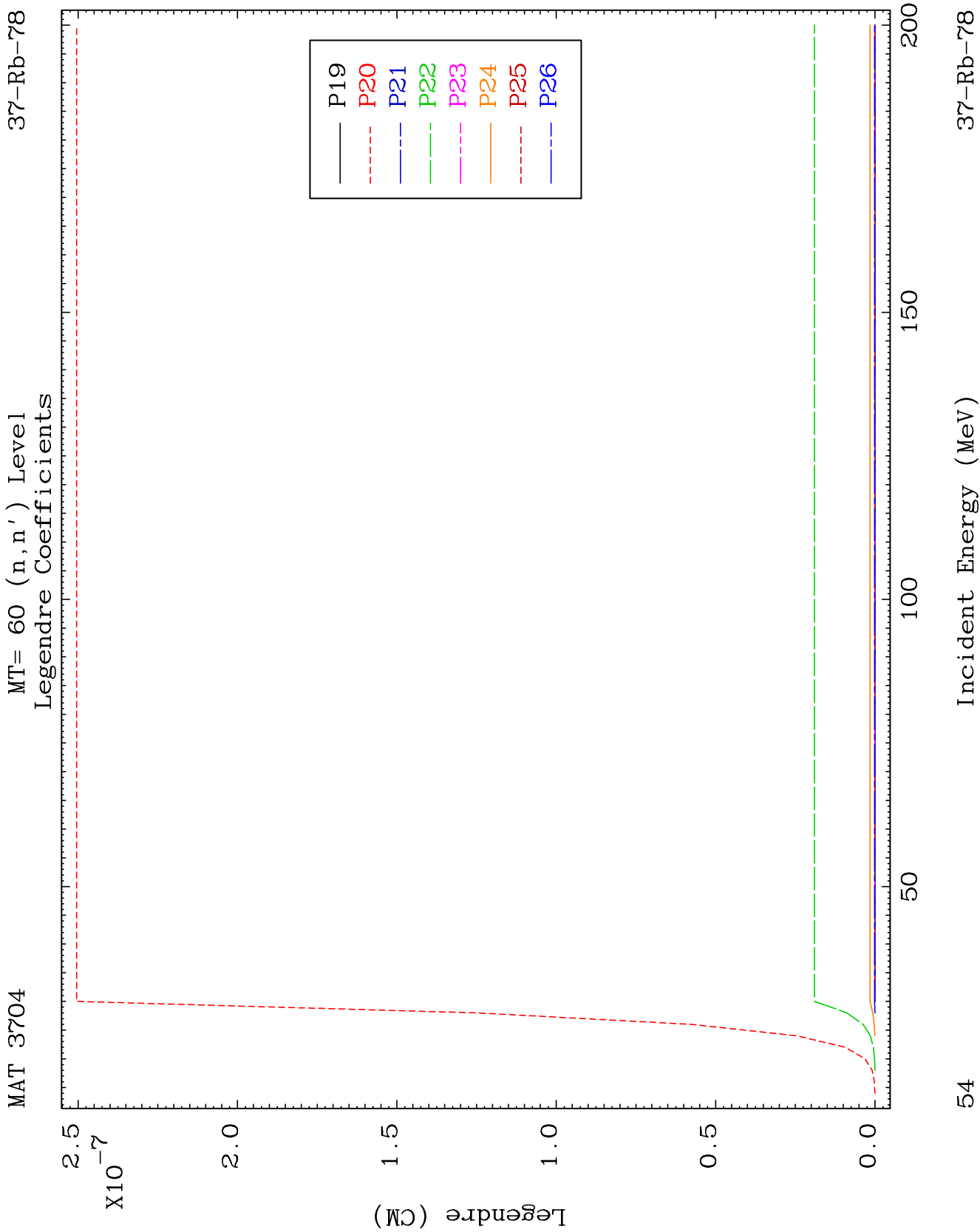








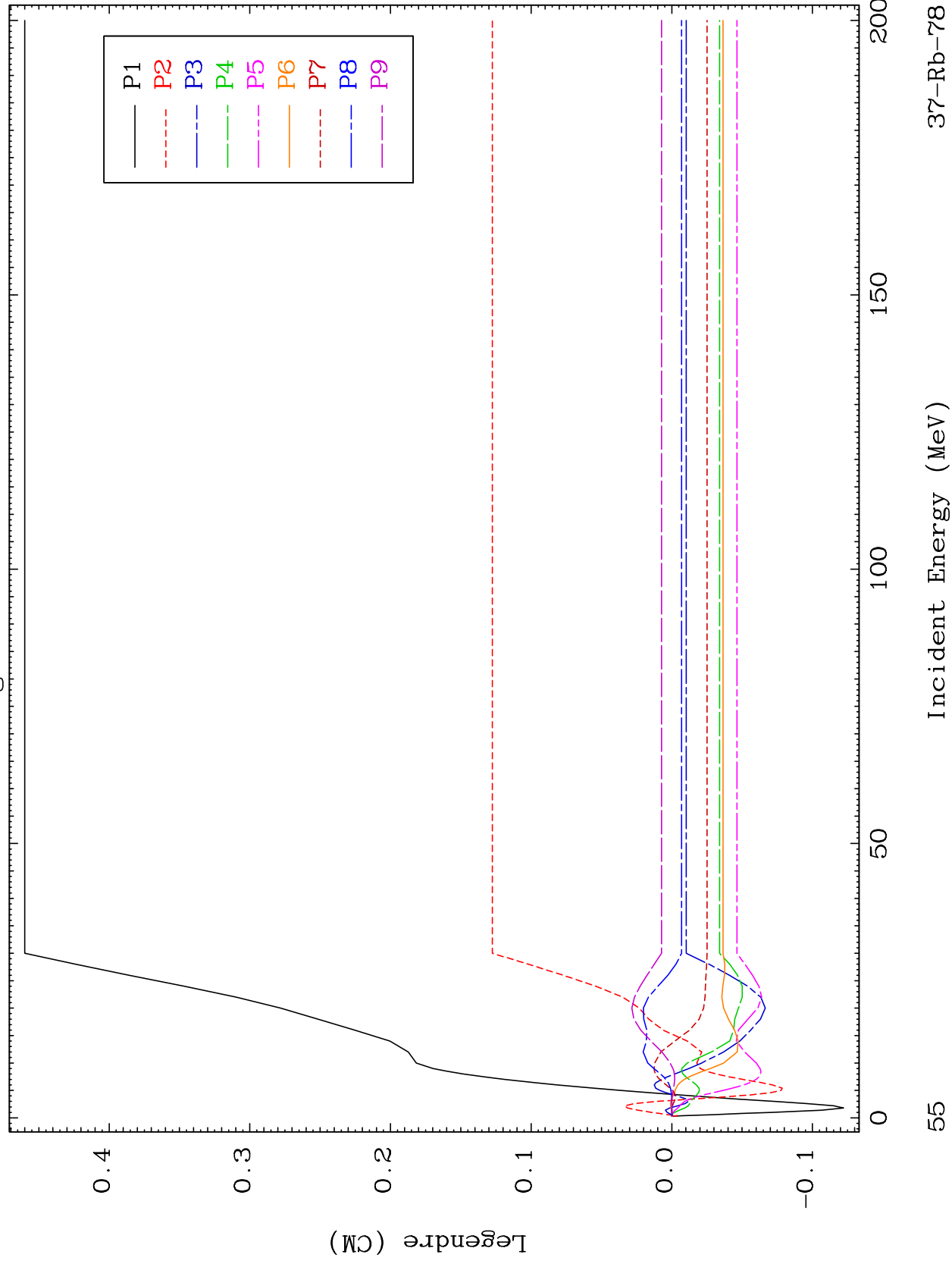




MAT 3704

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

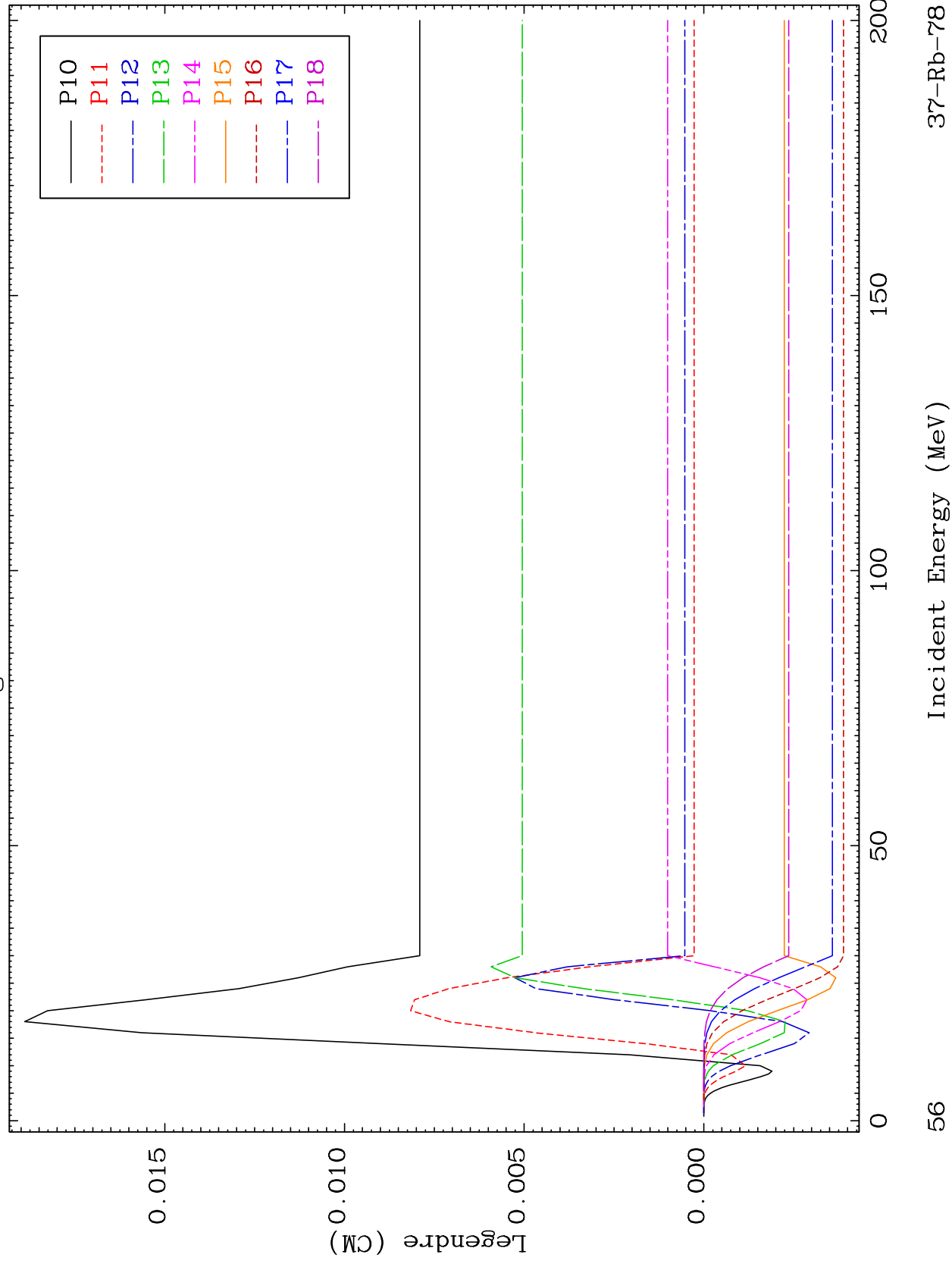
37-Rb-78

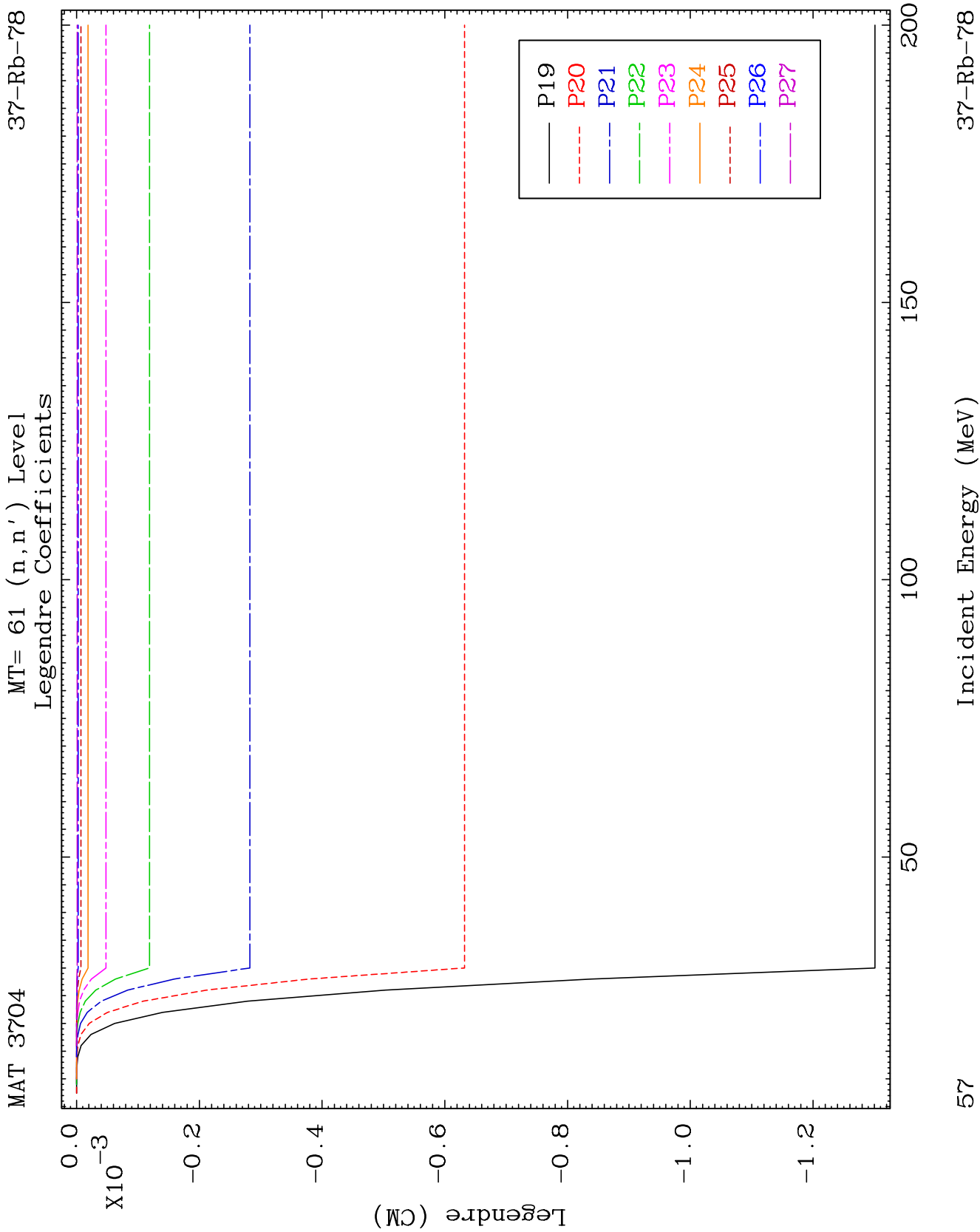


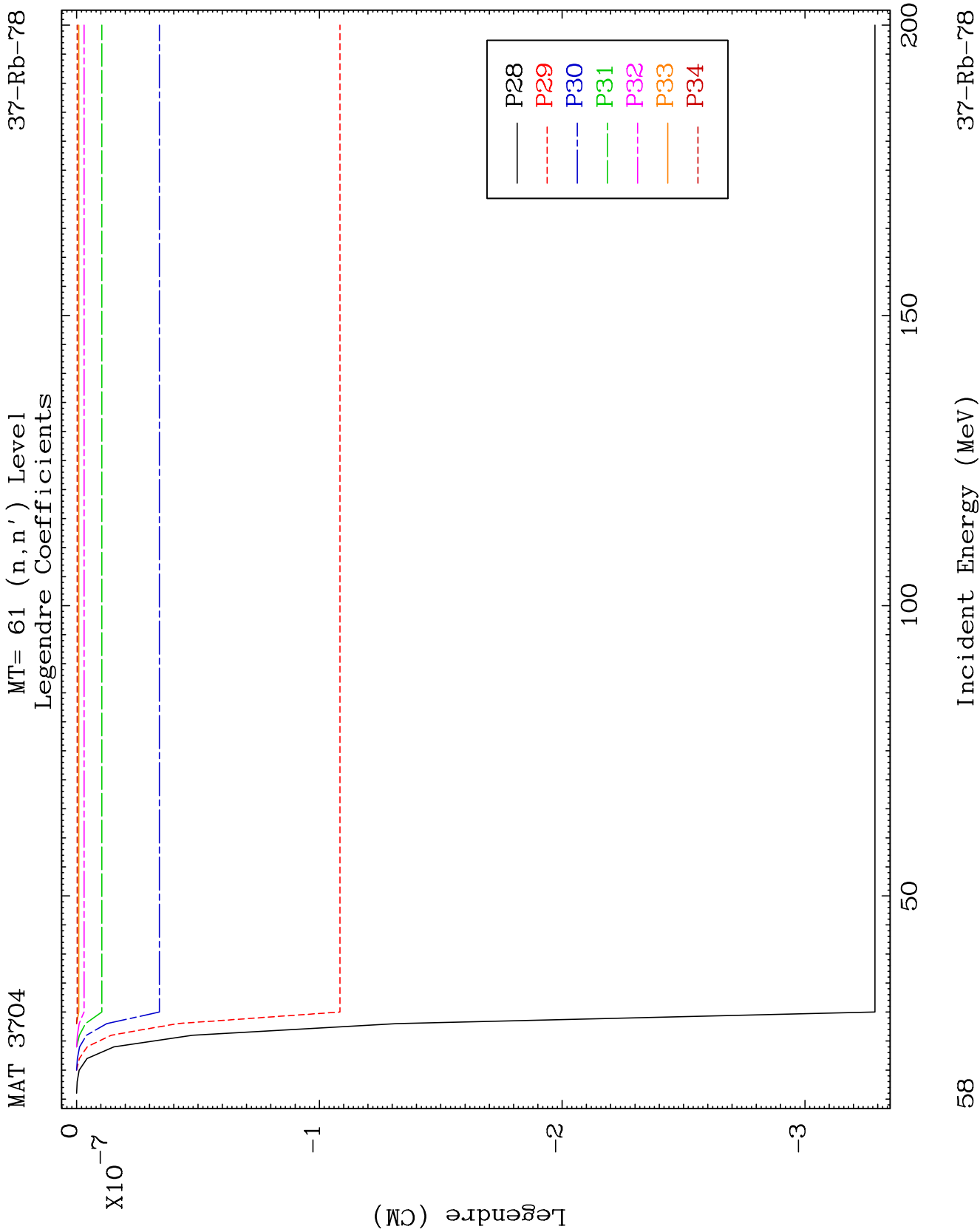
MAT 3704

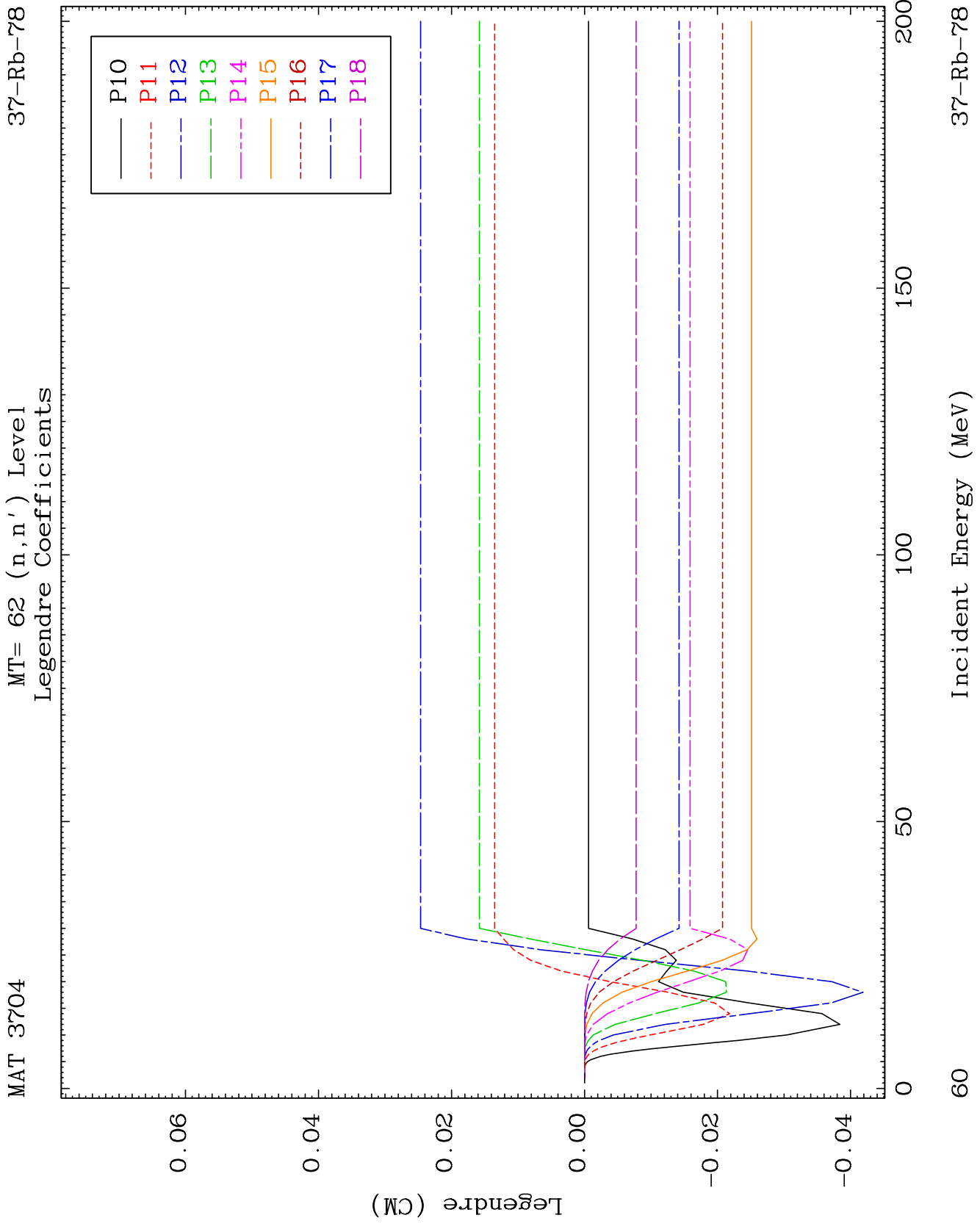
MT= 61 (n, n') Level
Legendre Coefficients

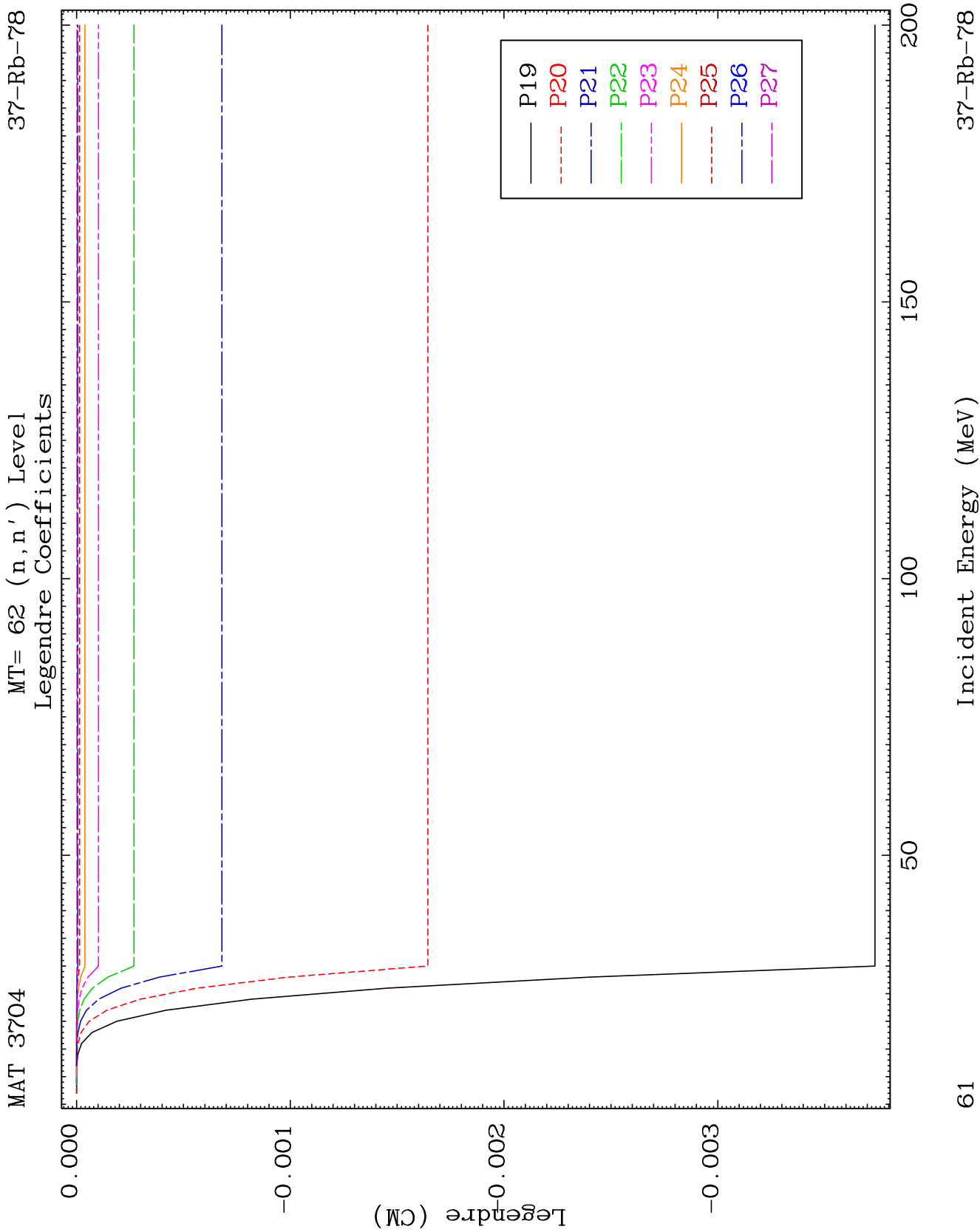
37-Rb-78

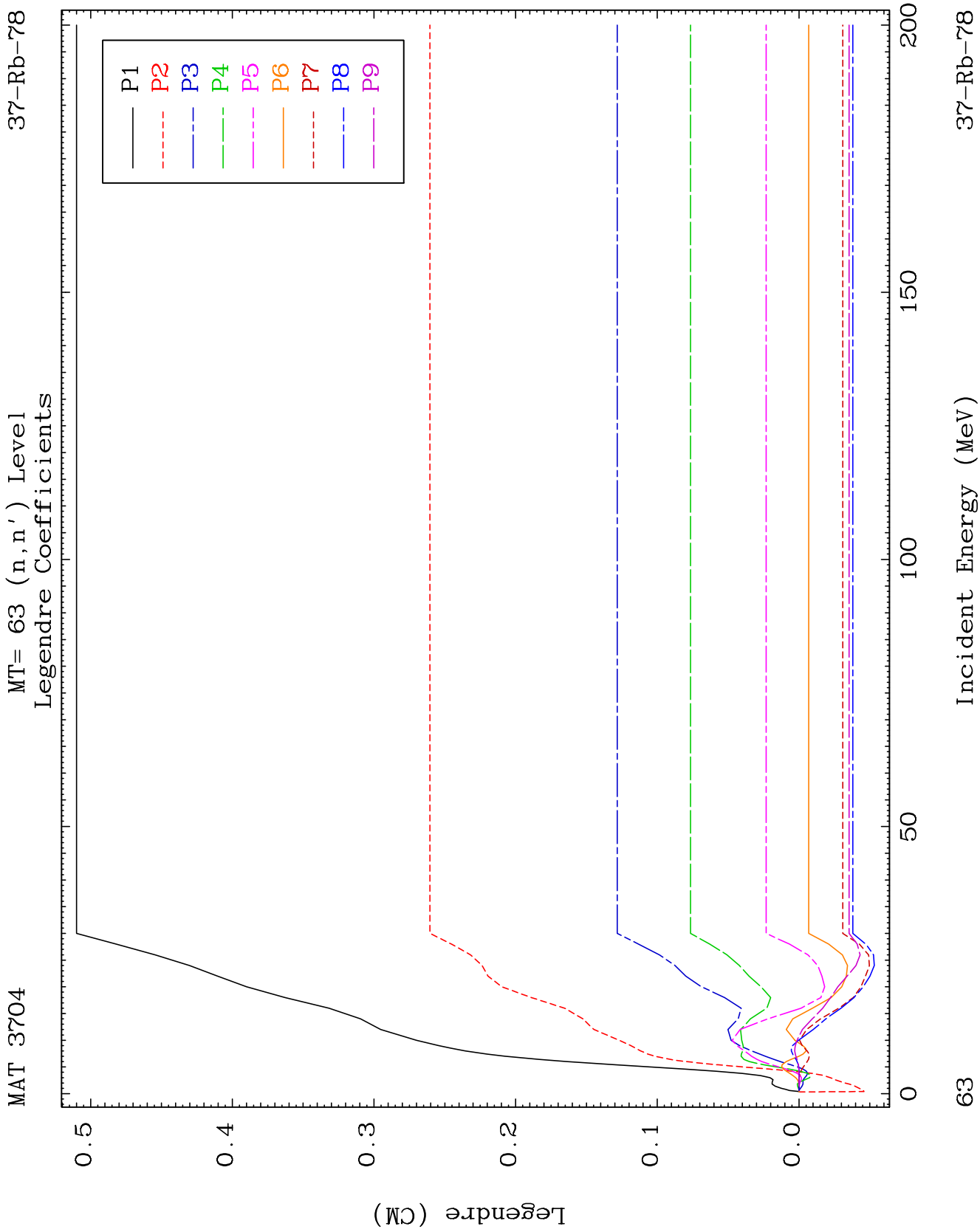


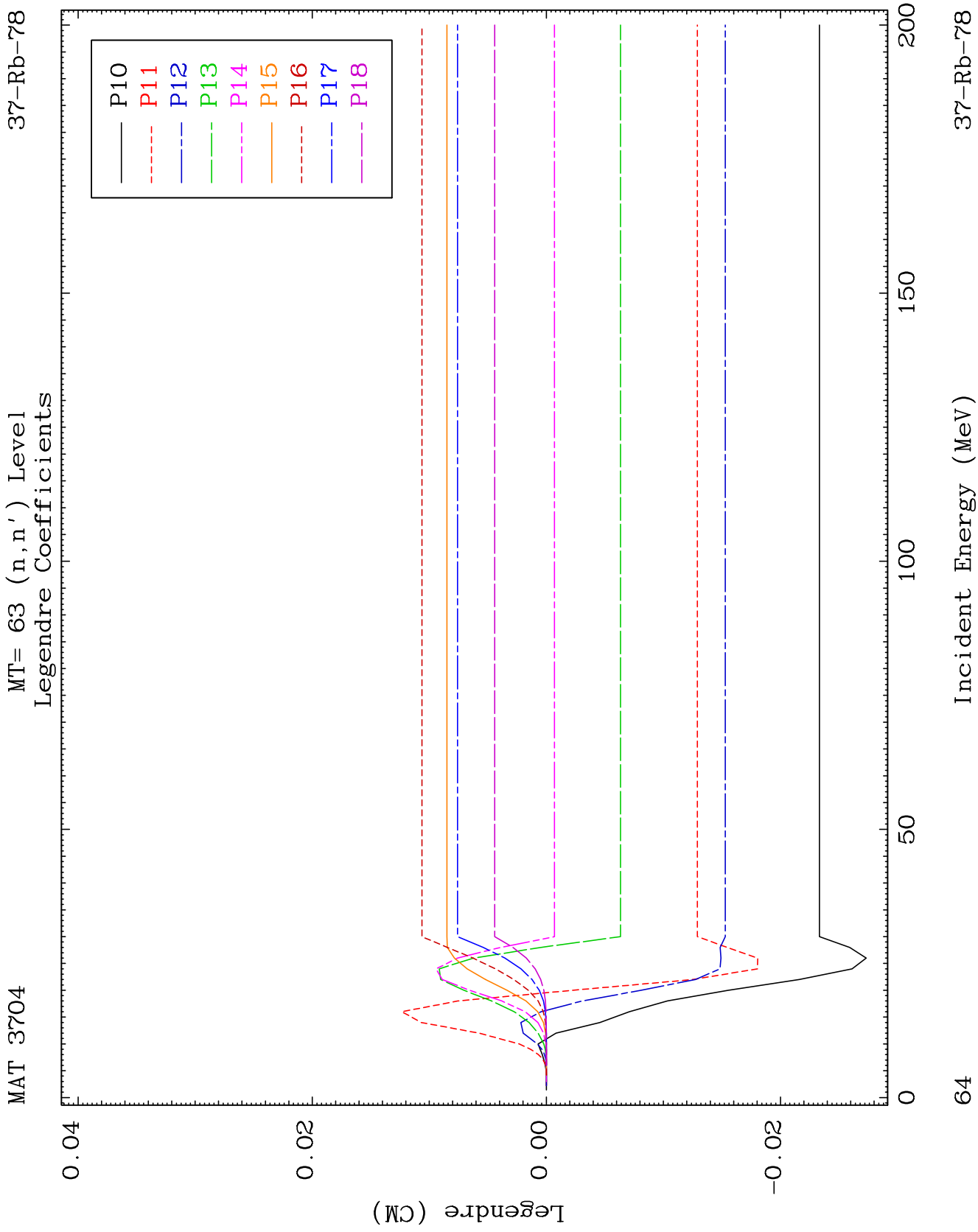


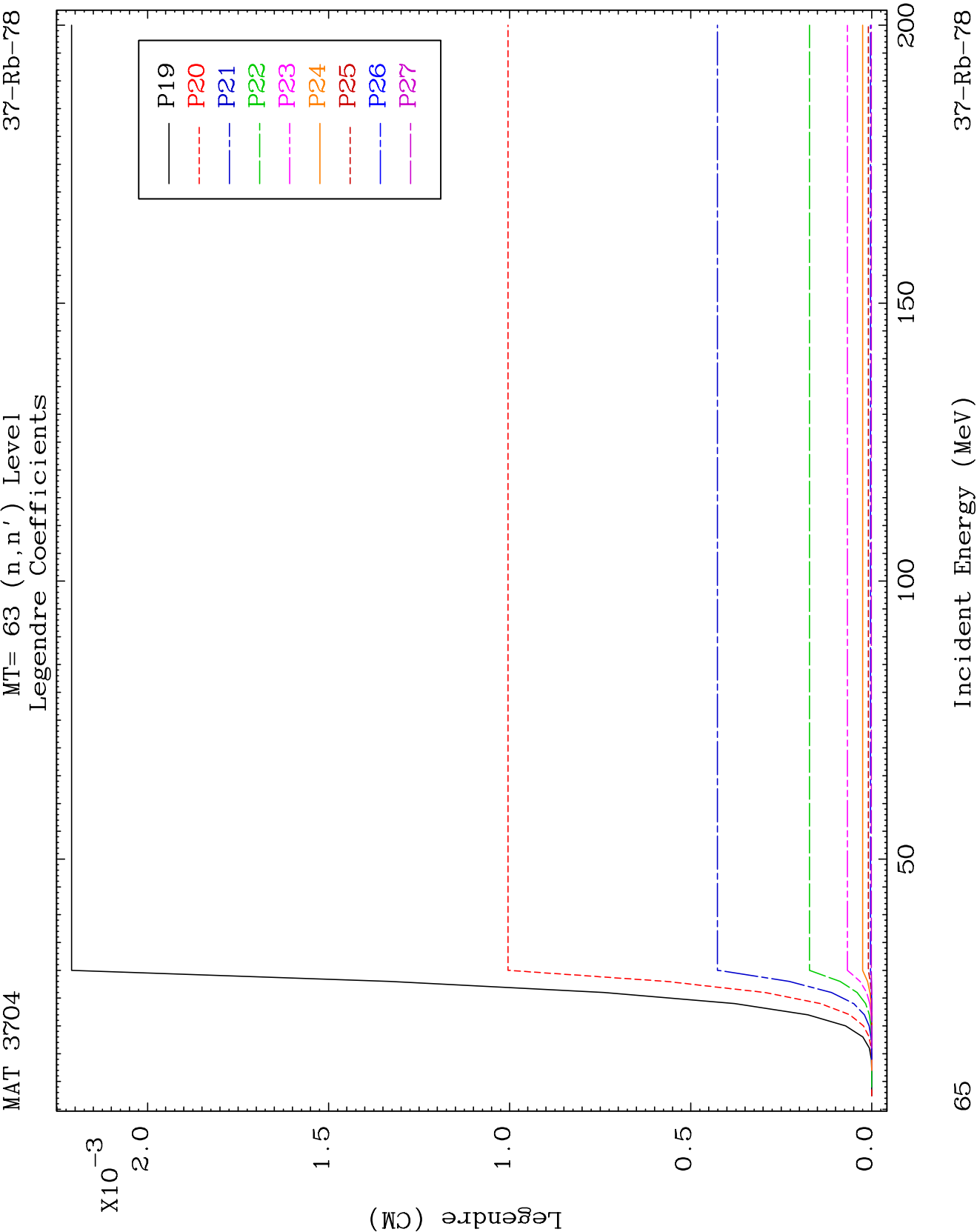


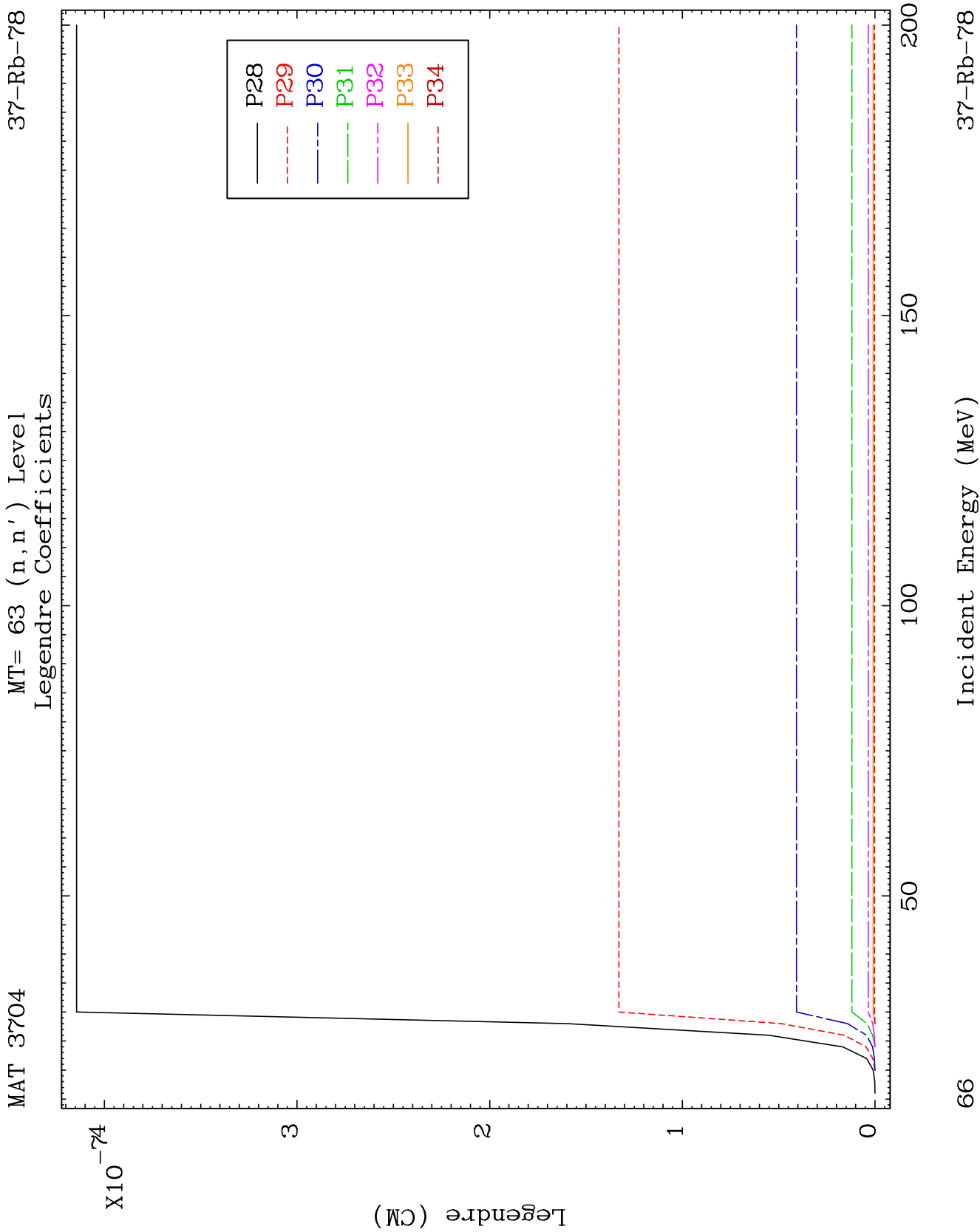








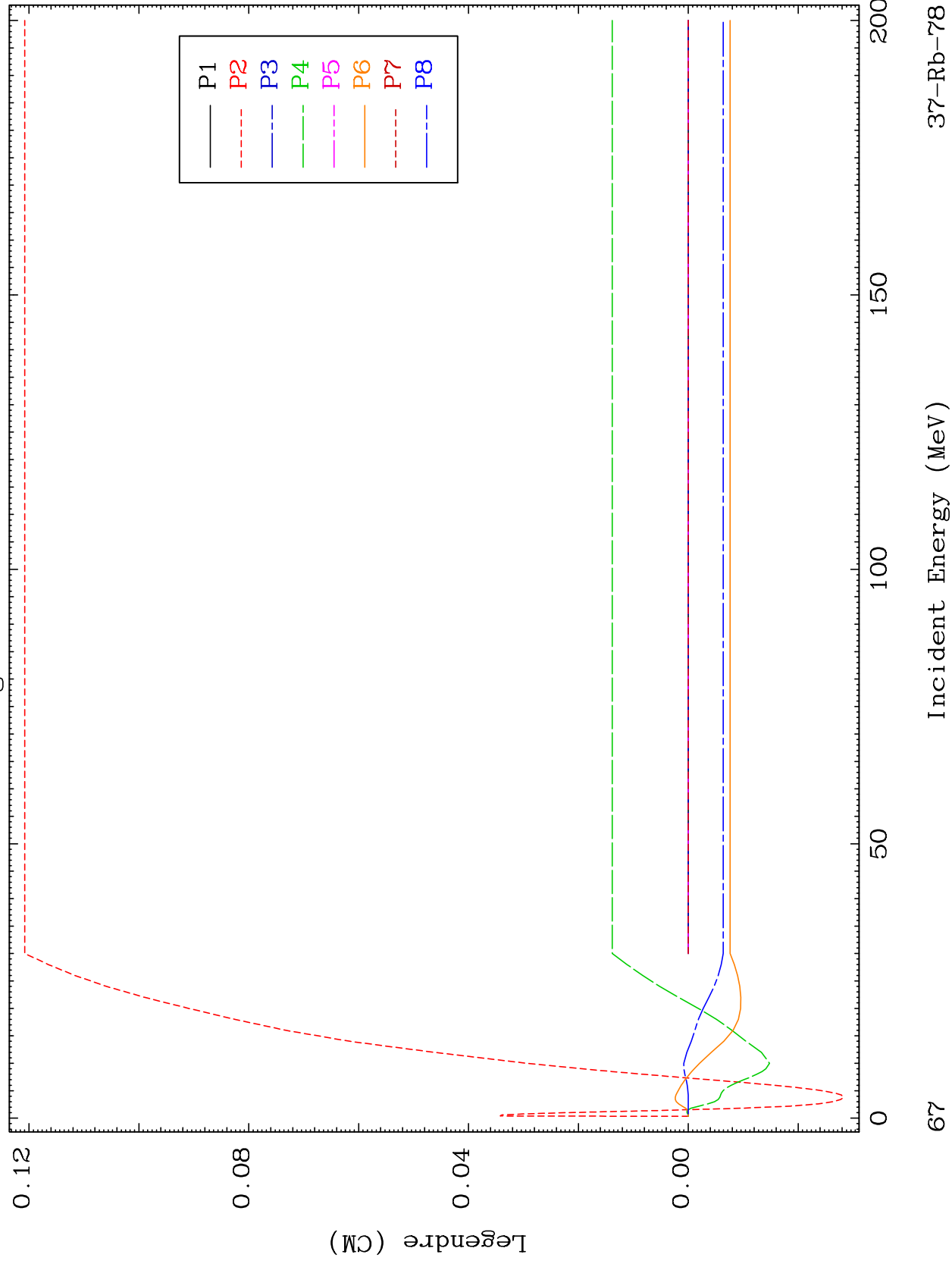


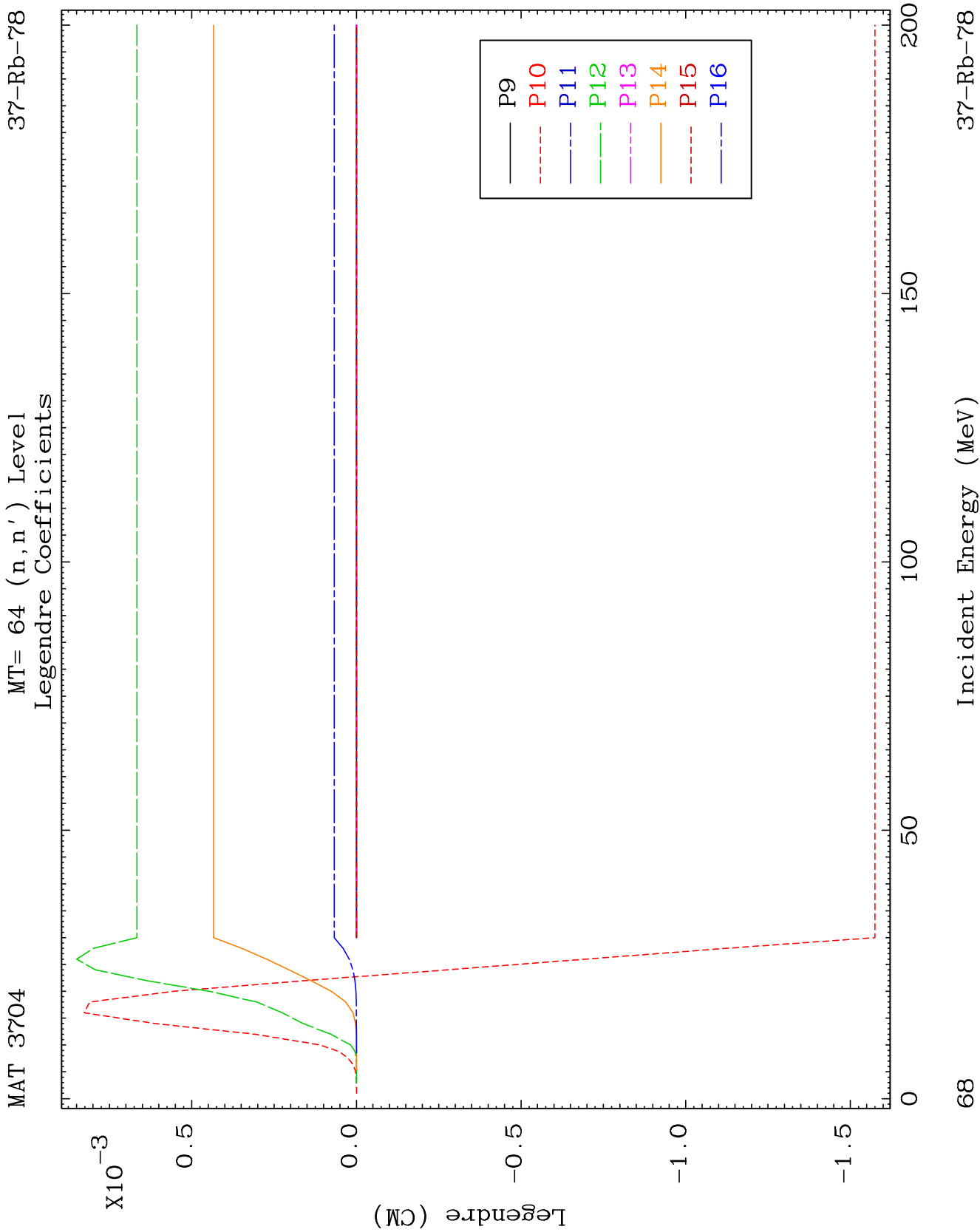


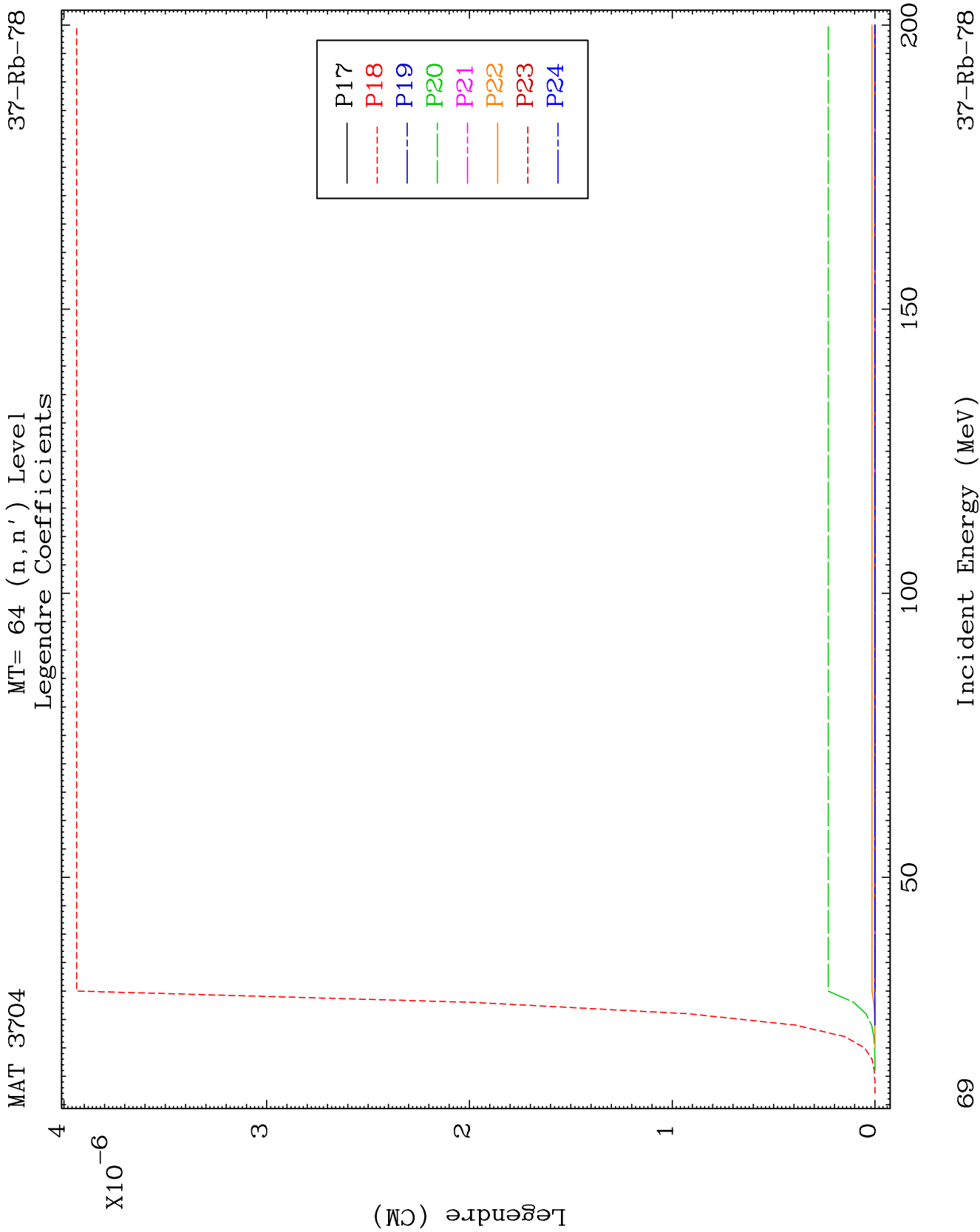
MAT 3704

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

37-Rb-78



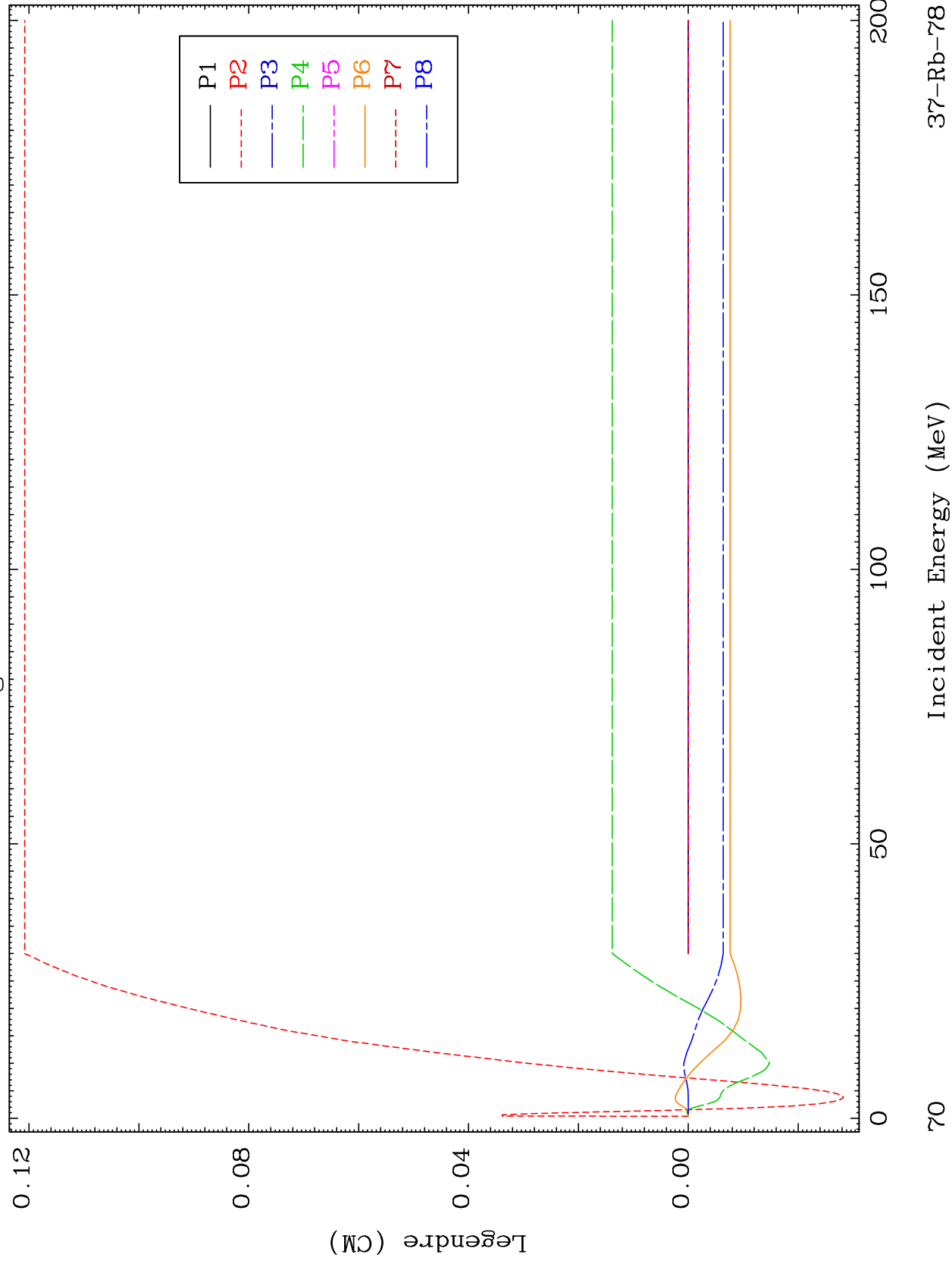


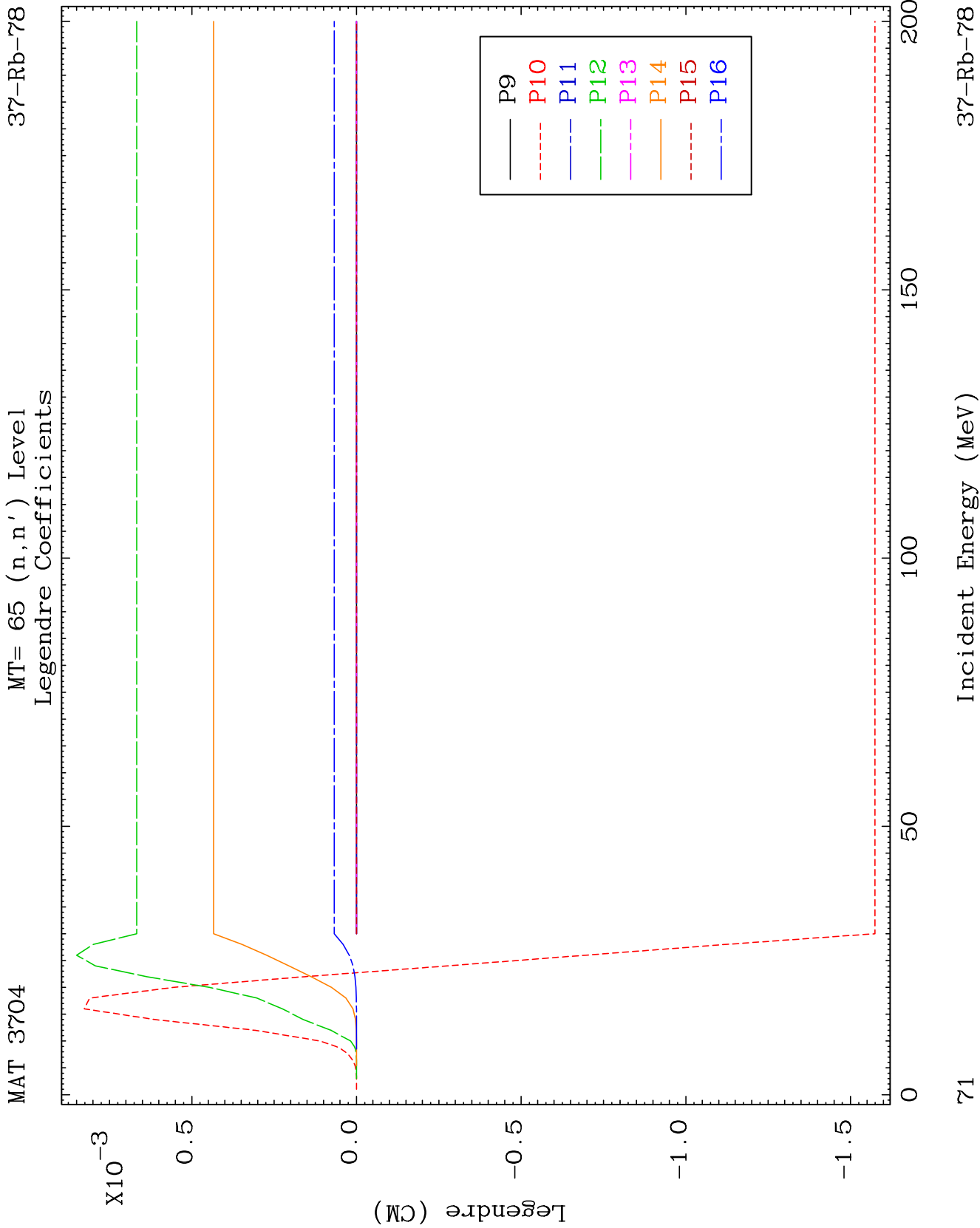


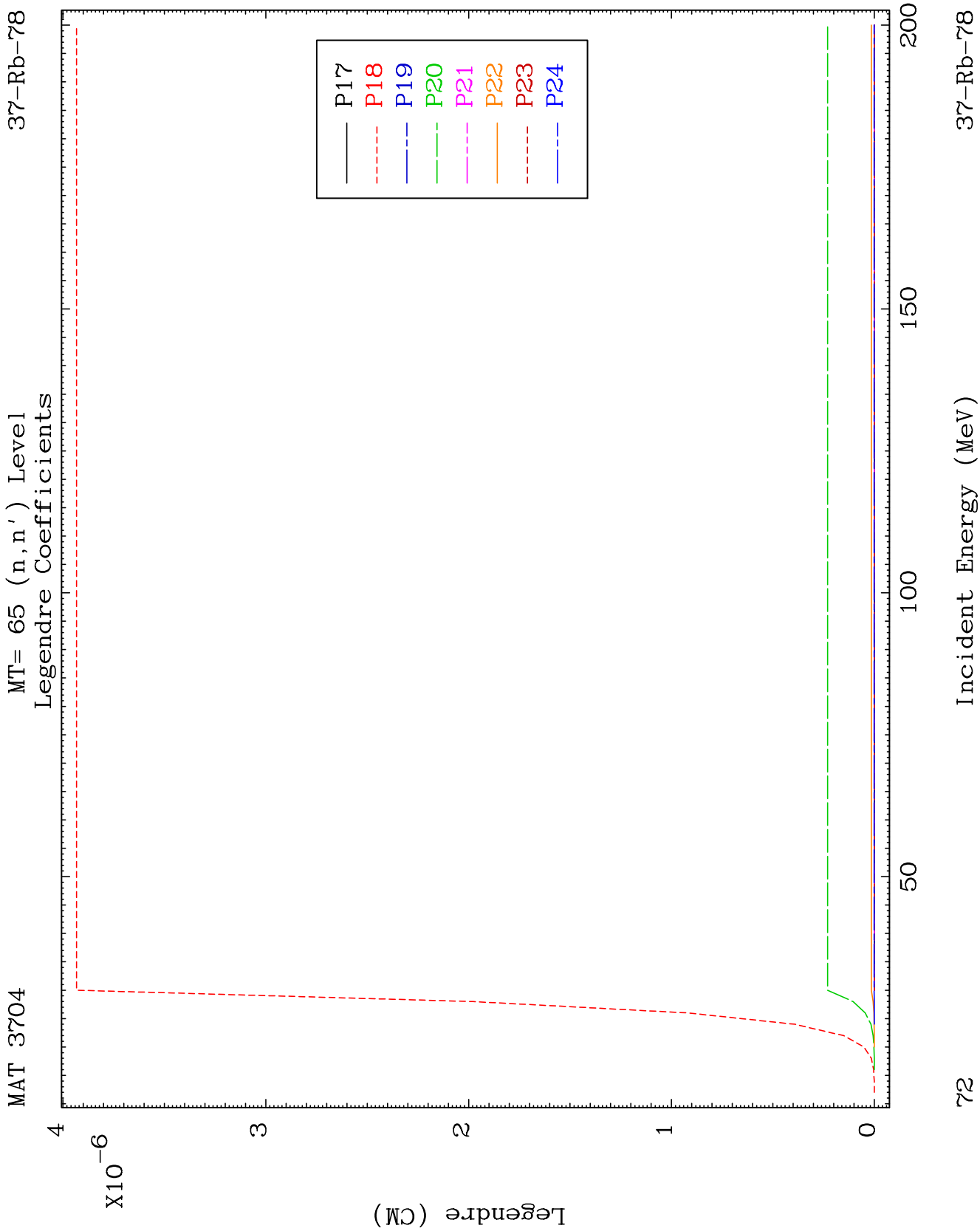
MAT 3704

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

37-Rb-78



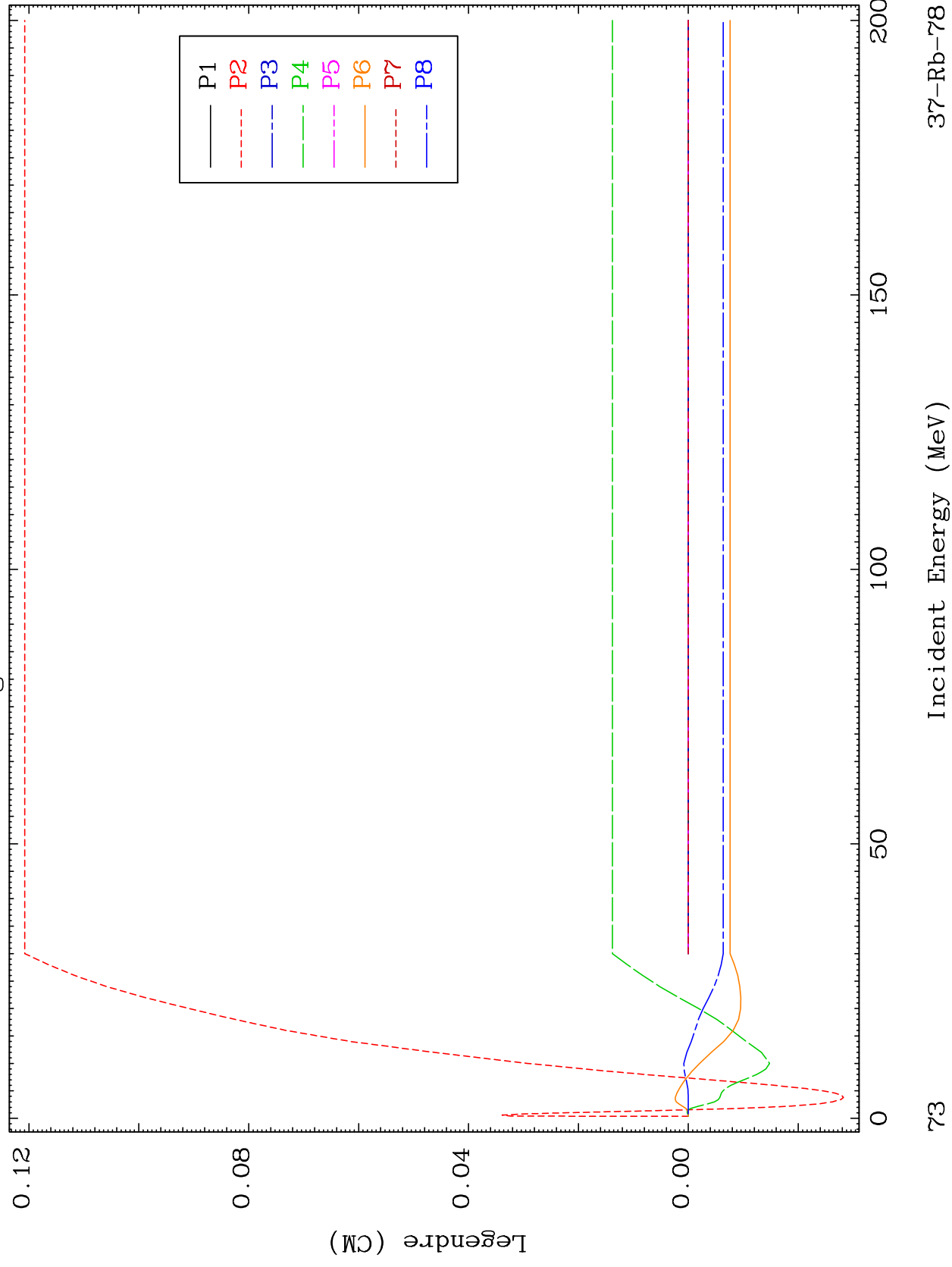


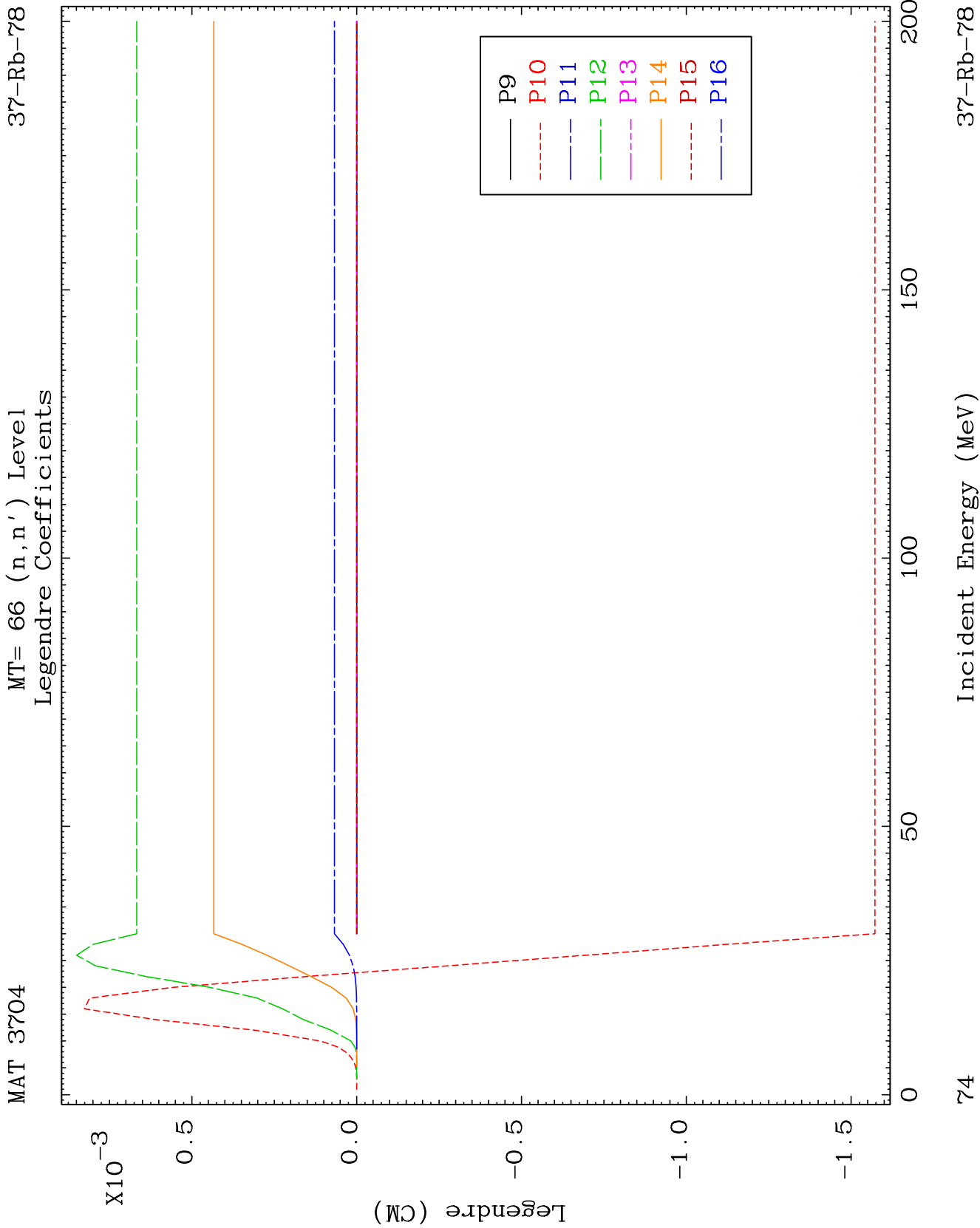


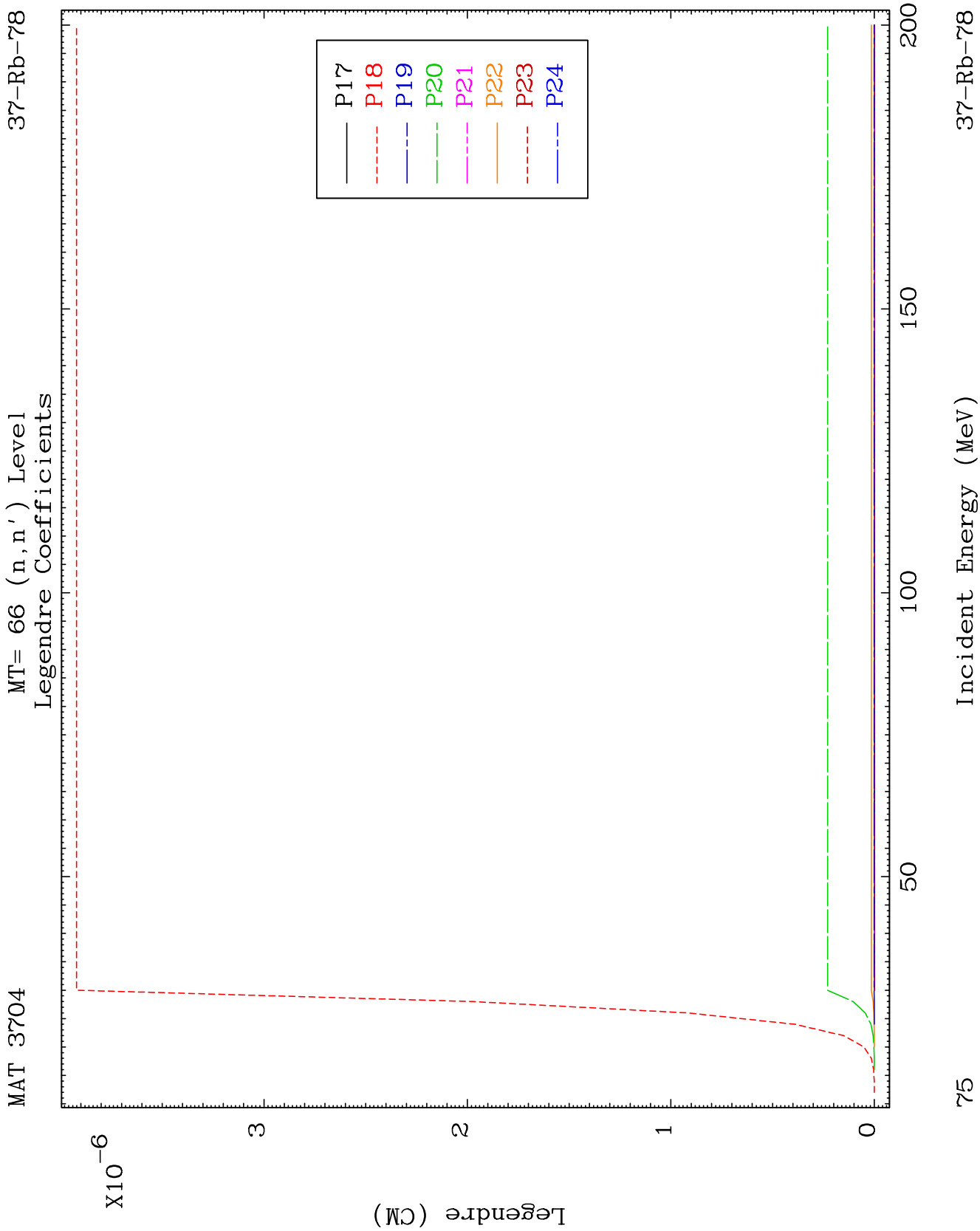
MAT 3704

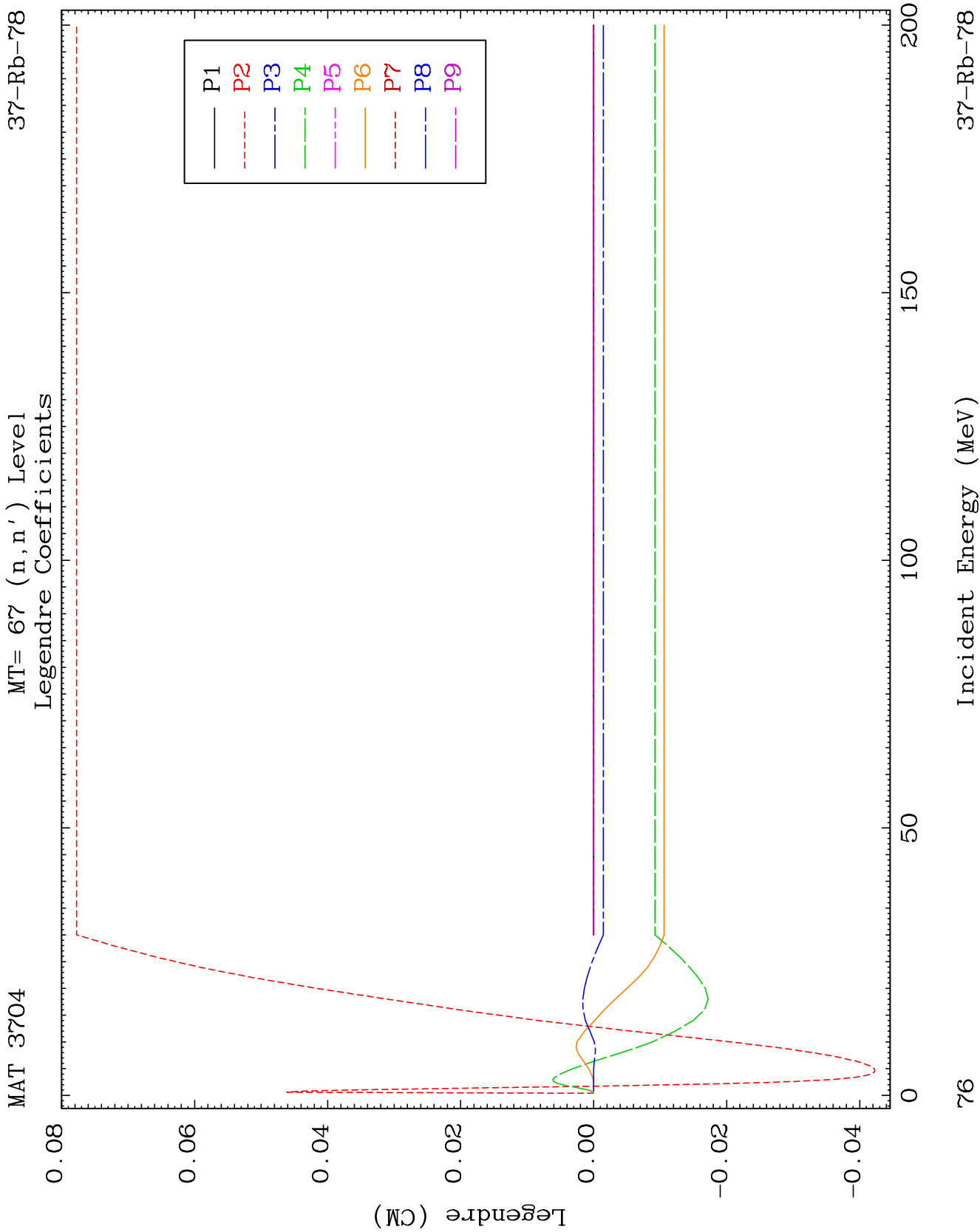
MT= 66 (n, n') Level
Legendre Coefficients

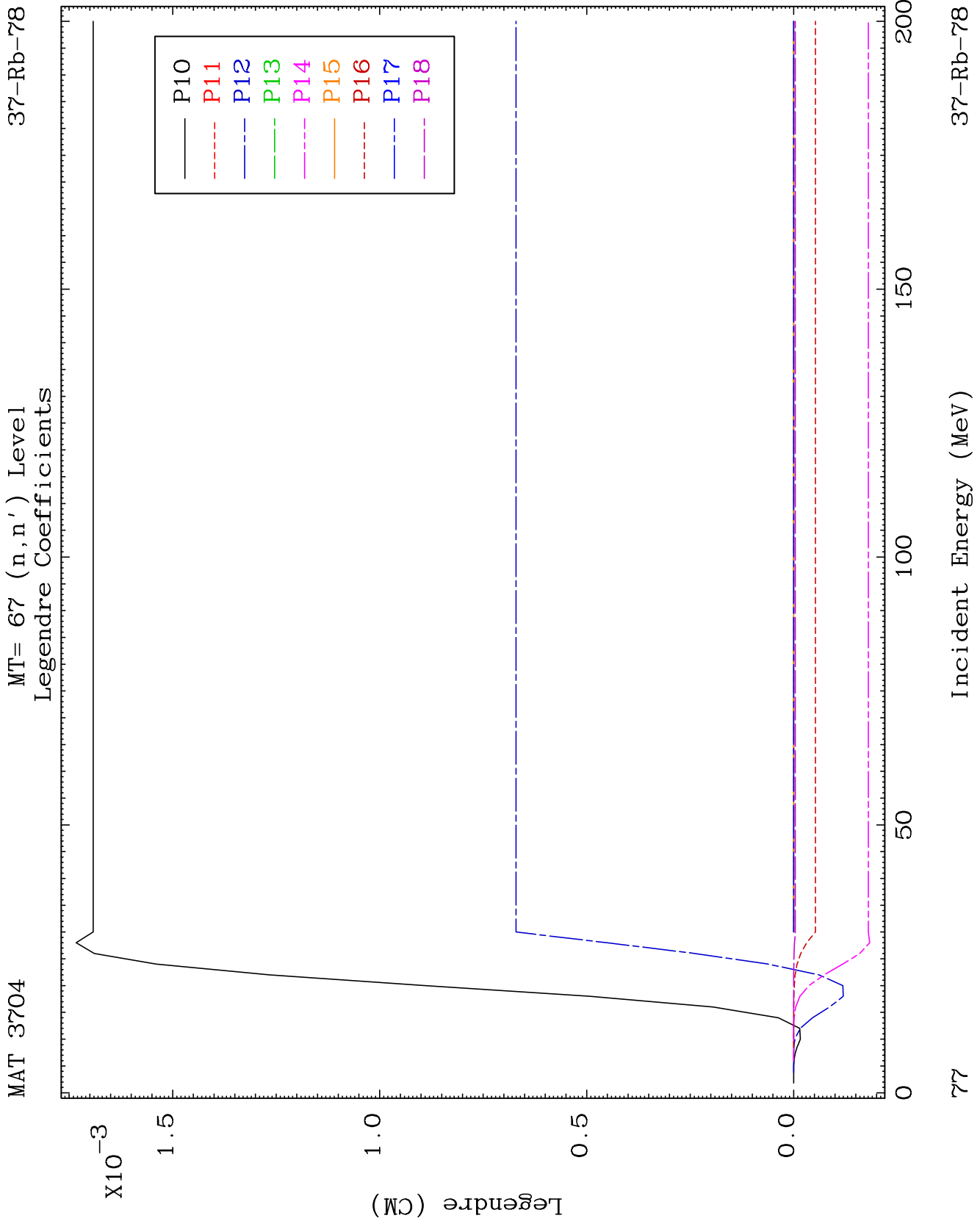
37-Rb-78

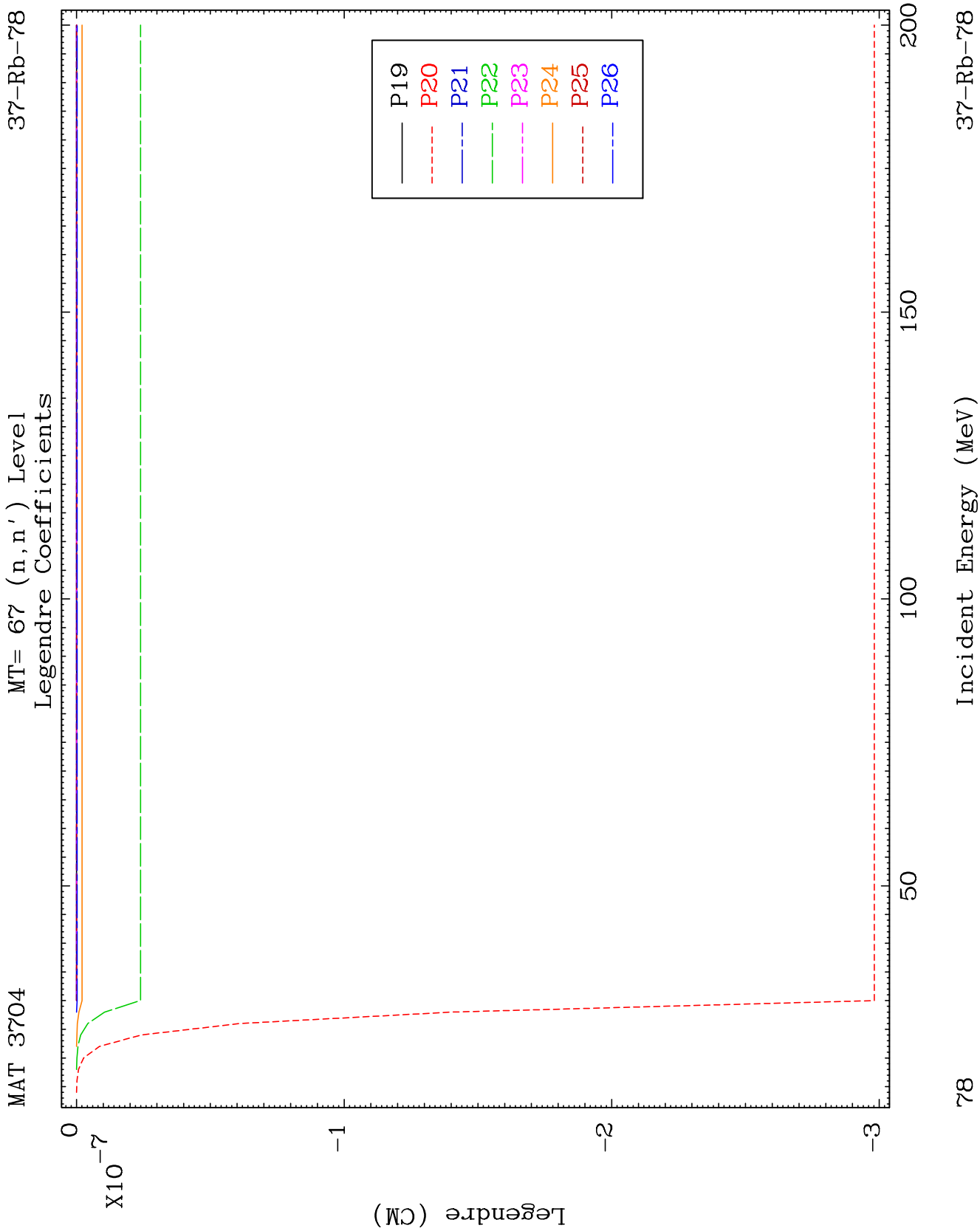








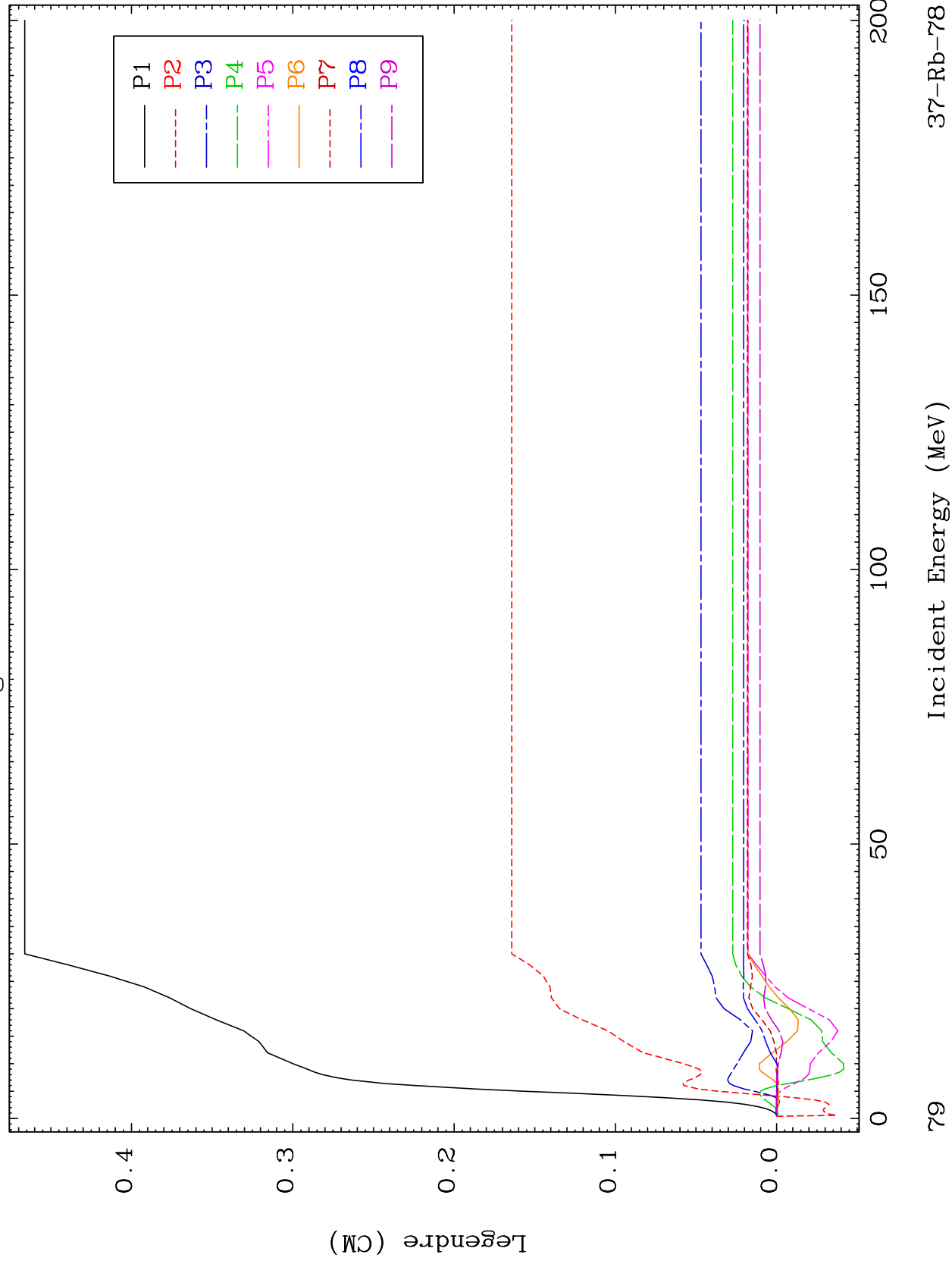




MAT 3704

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

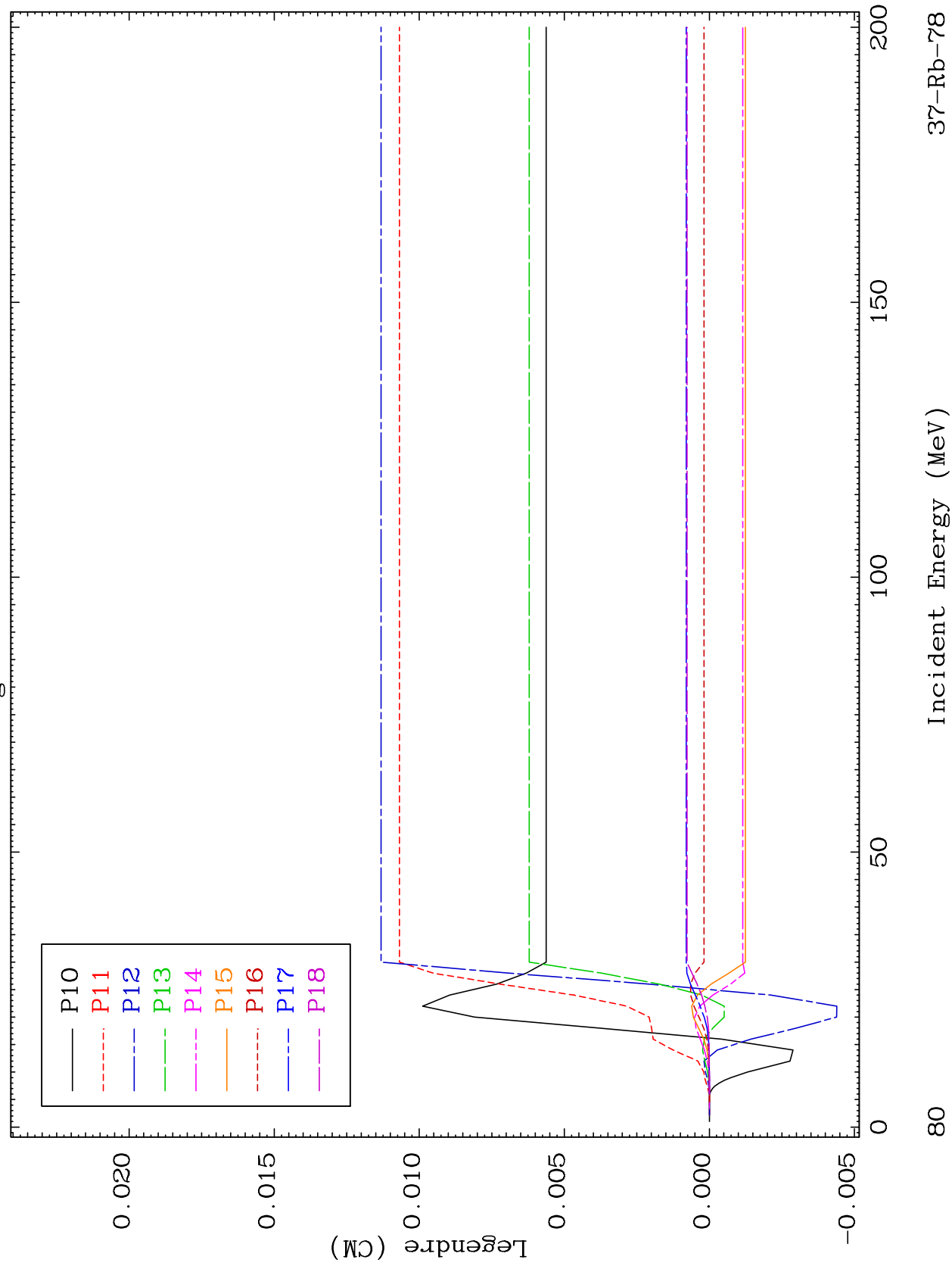
37-Rb-78

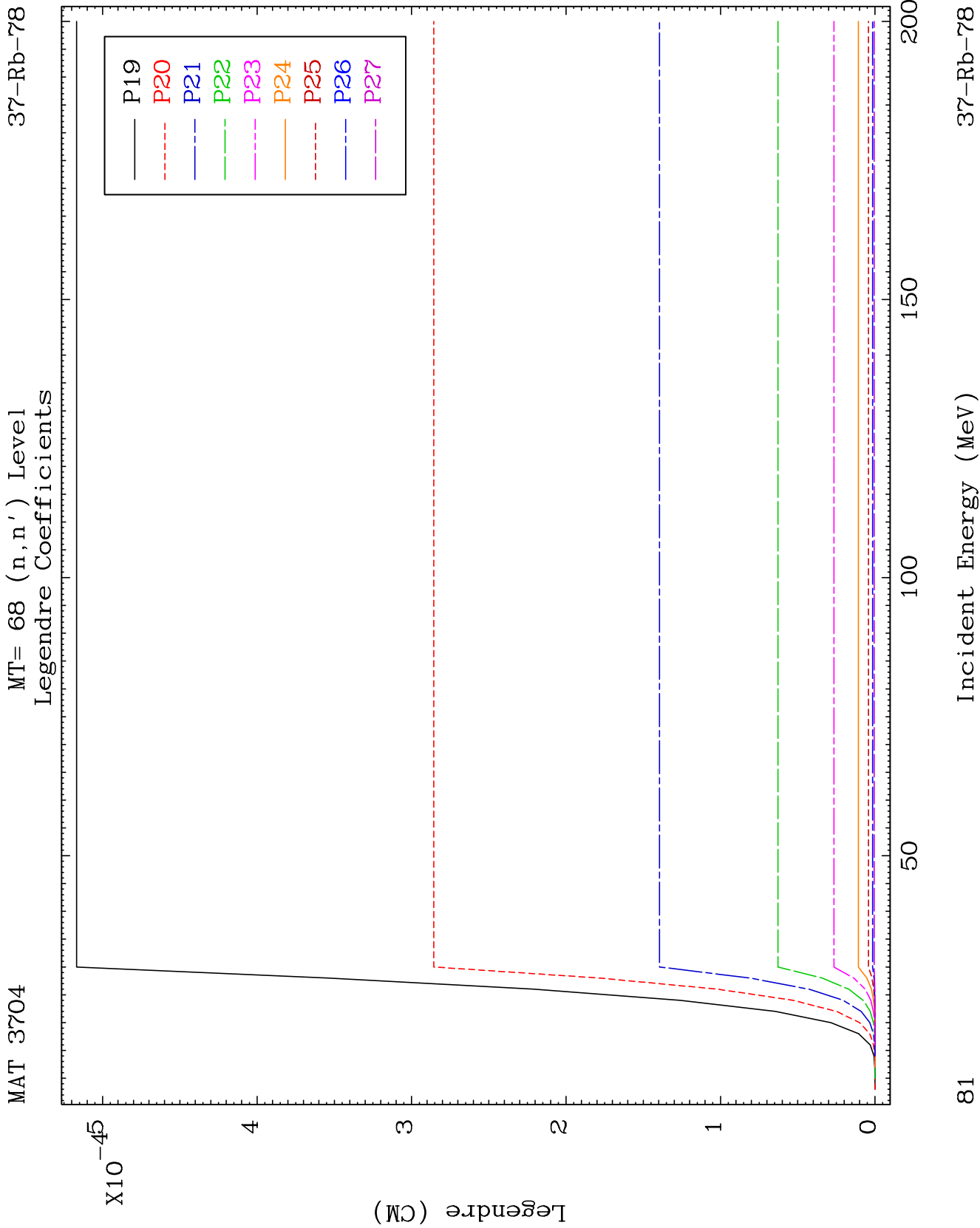


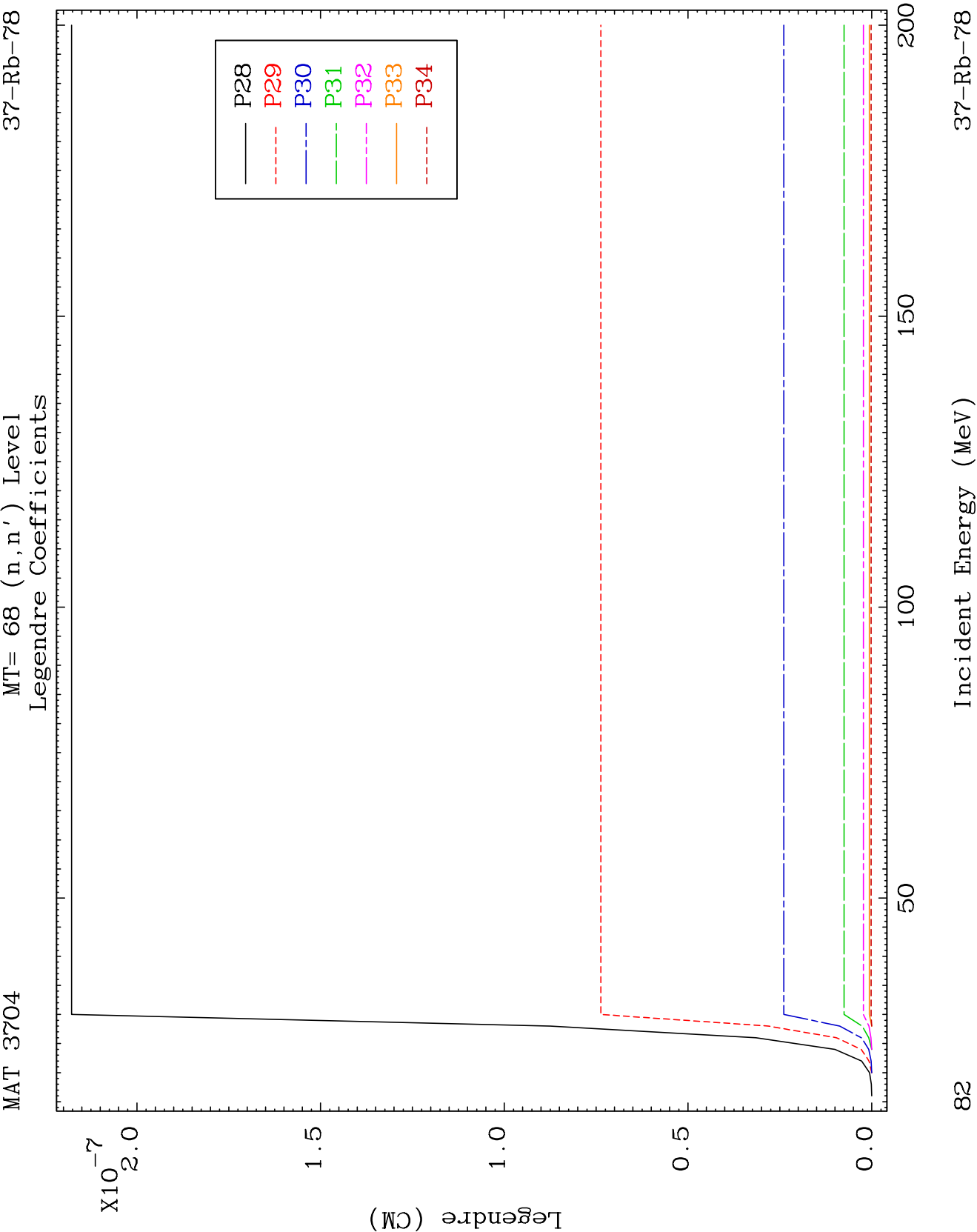
MAT 3704

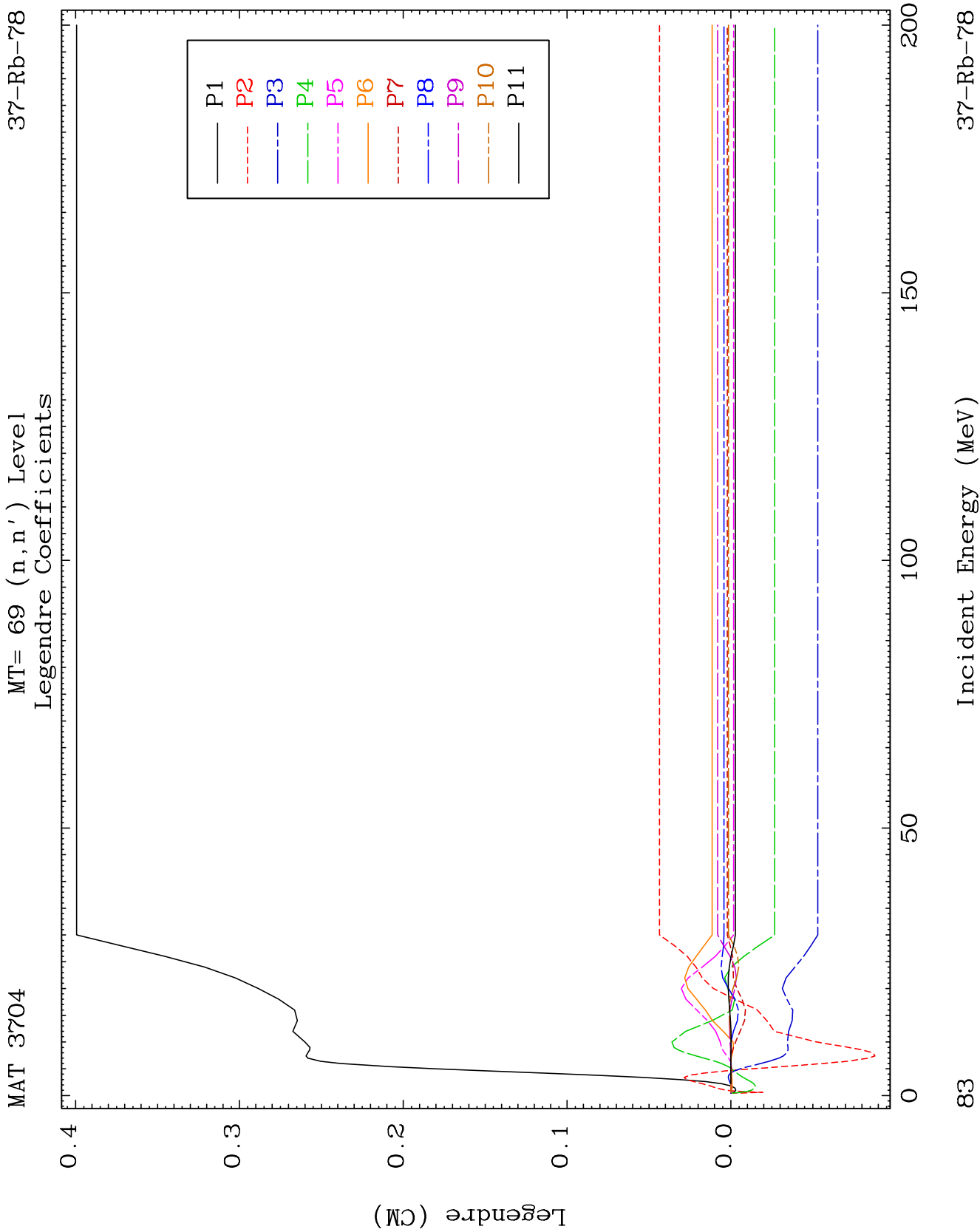
MT= 68 (n, n') Level
Legendre Coefficients

37-Rb-78





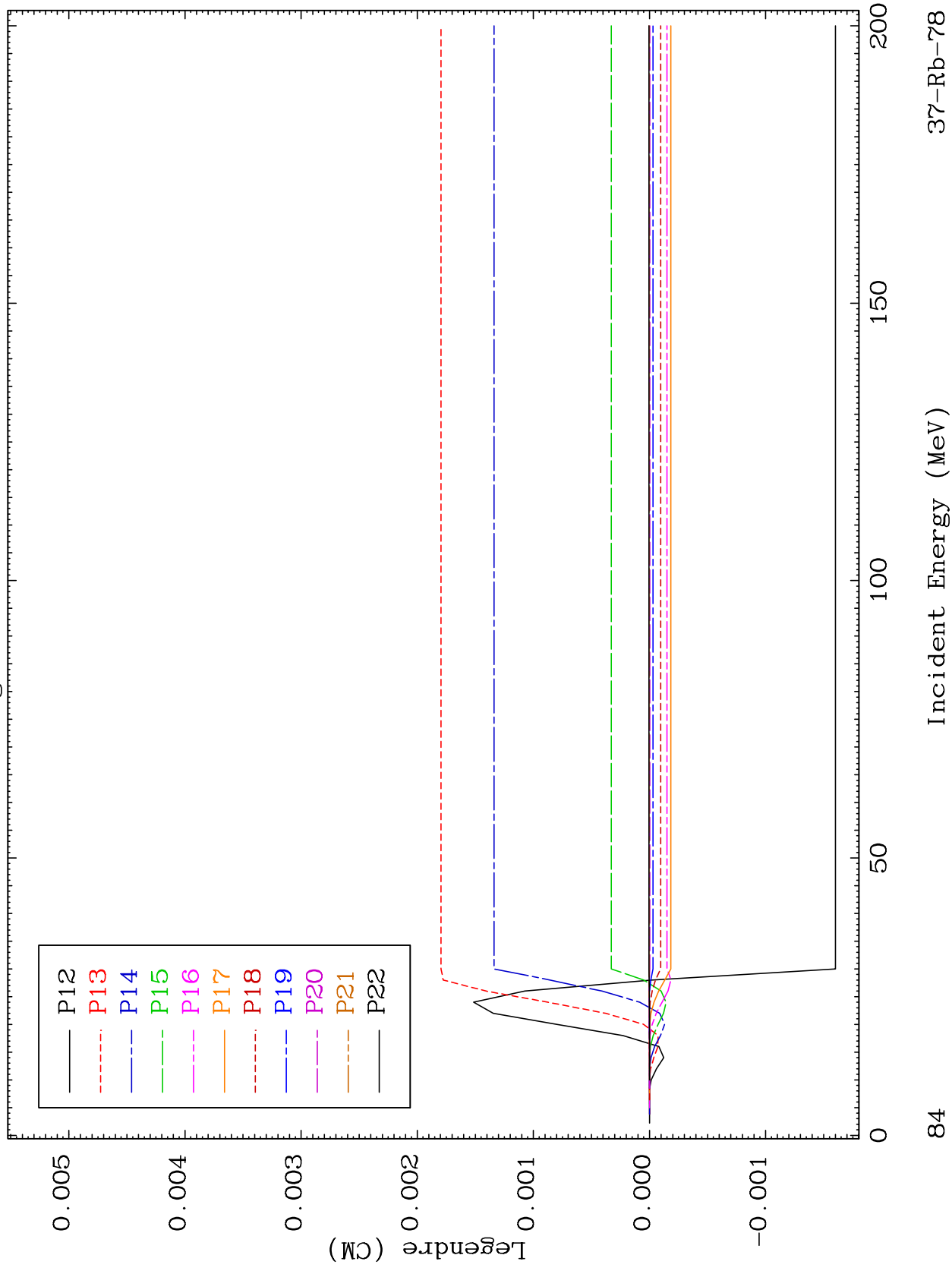


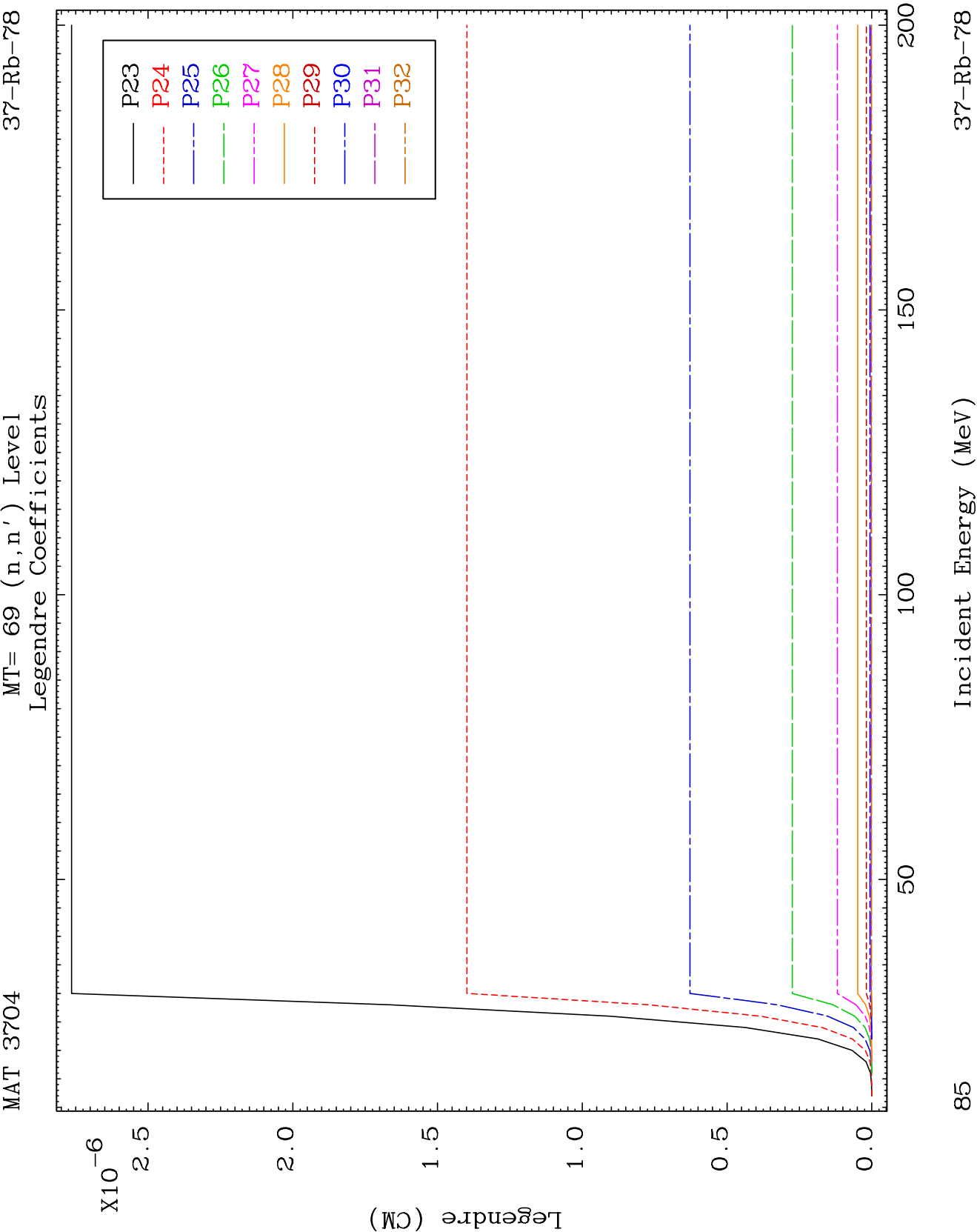


MAT 3704

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

37-Rb-78

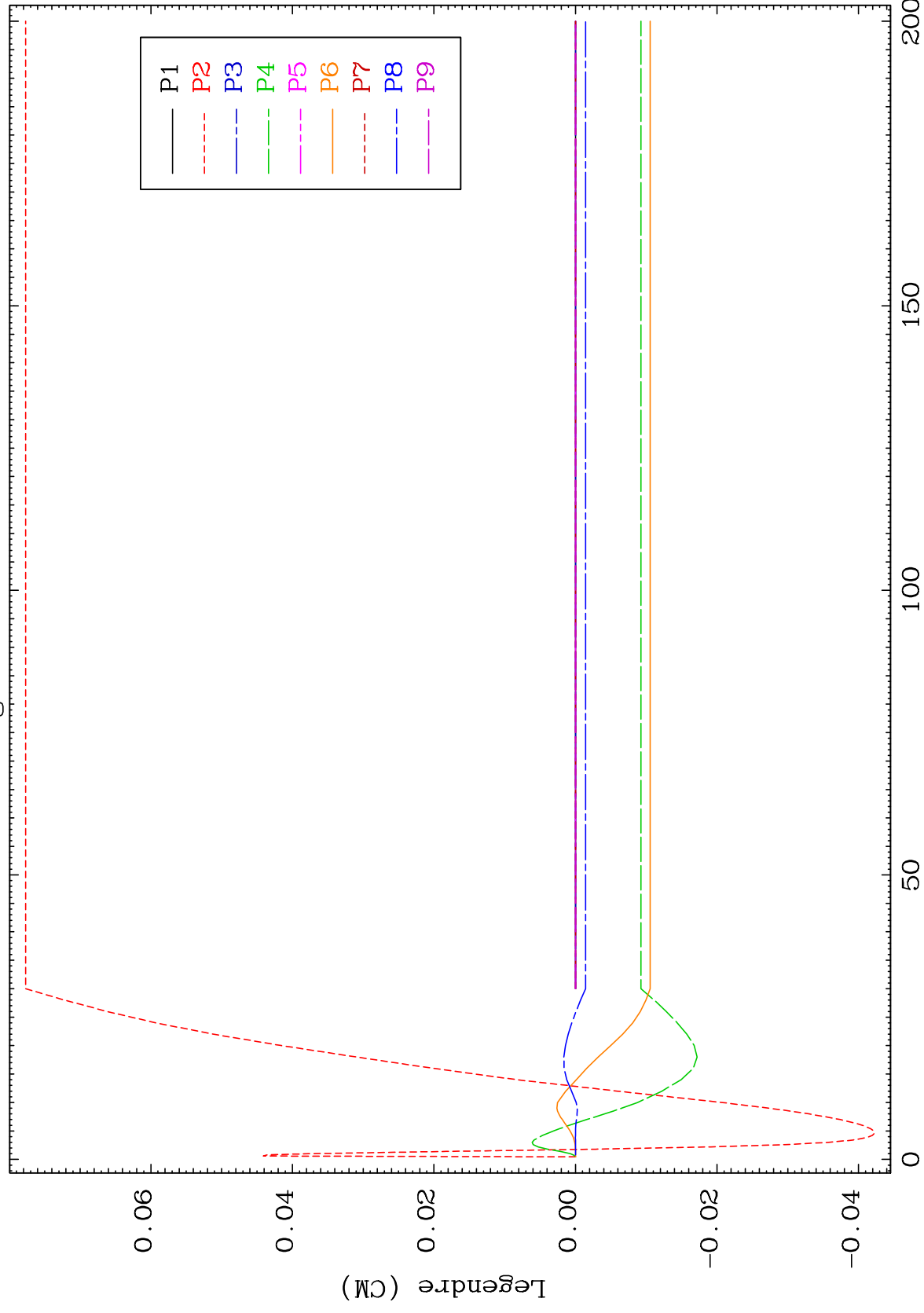




MAT 3704

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

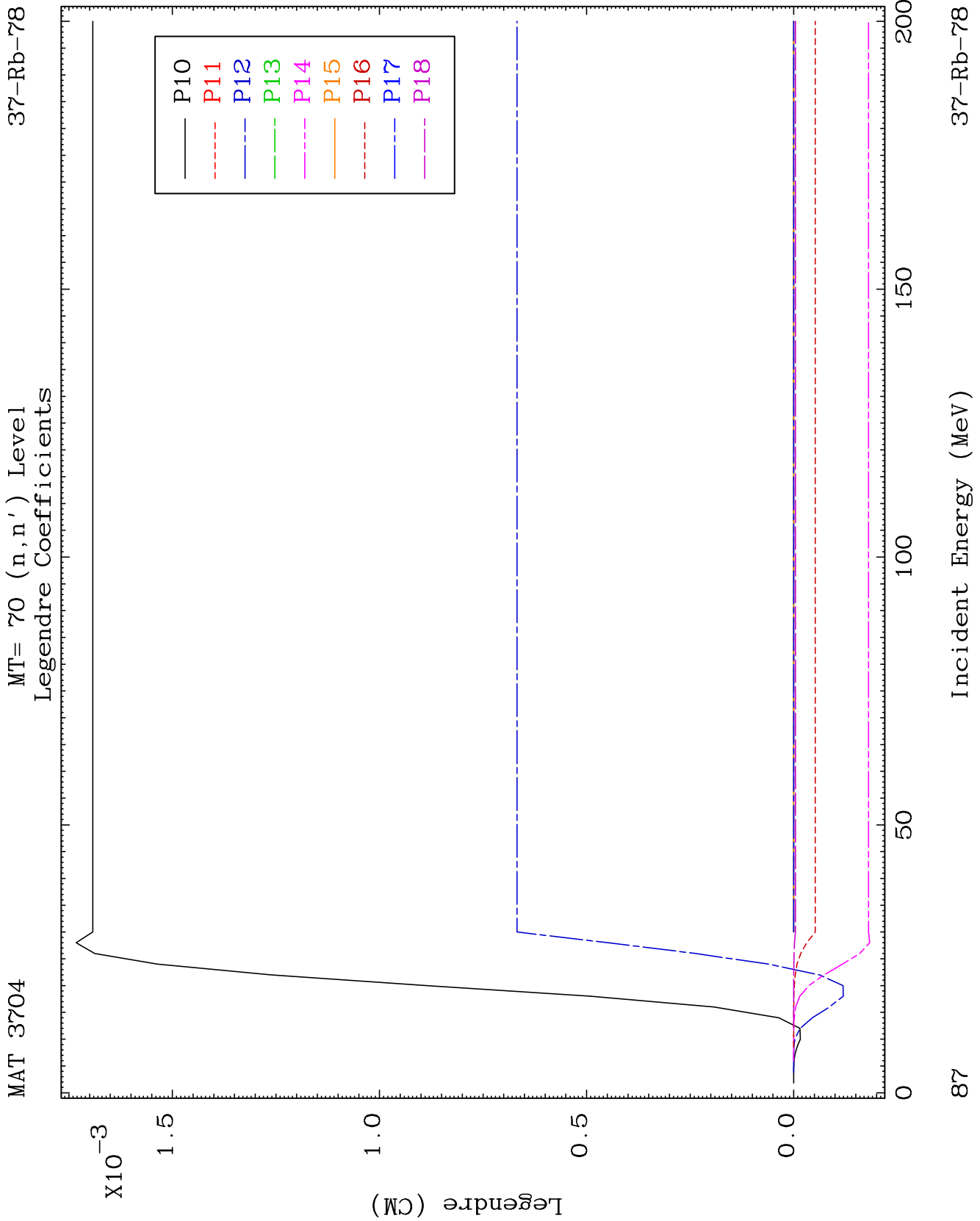
37-Rb-78

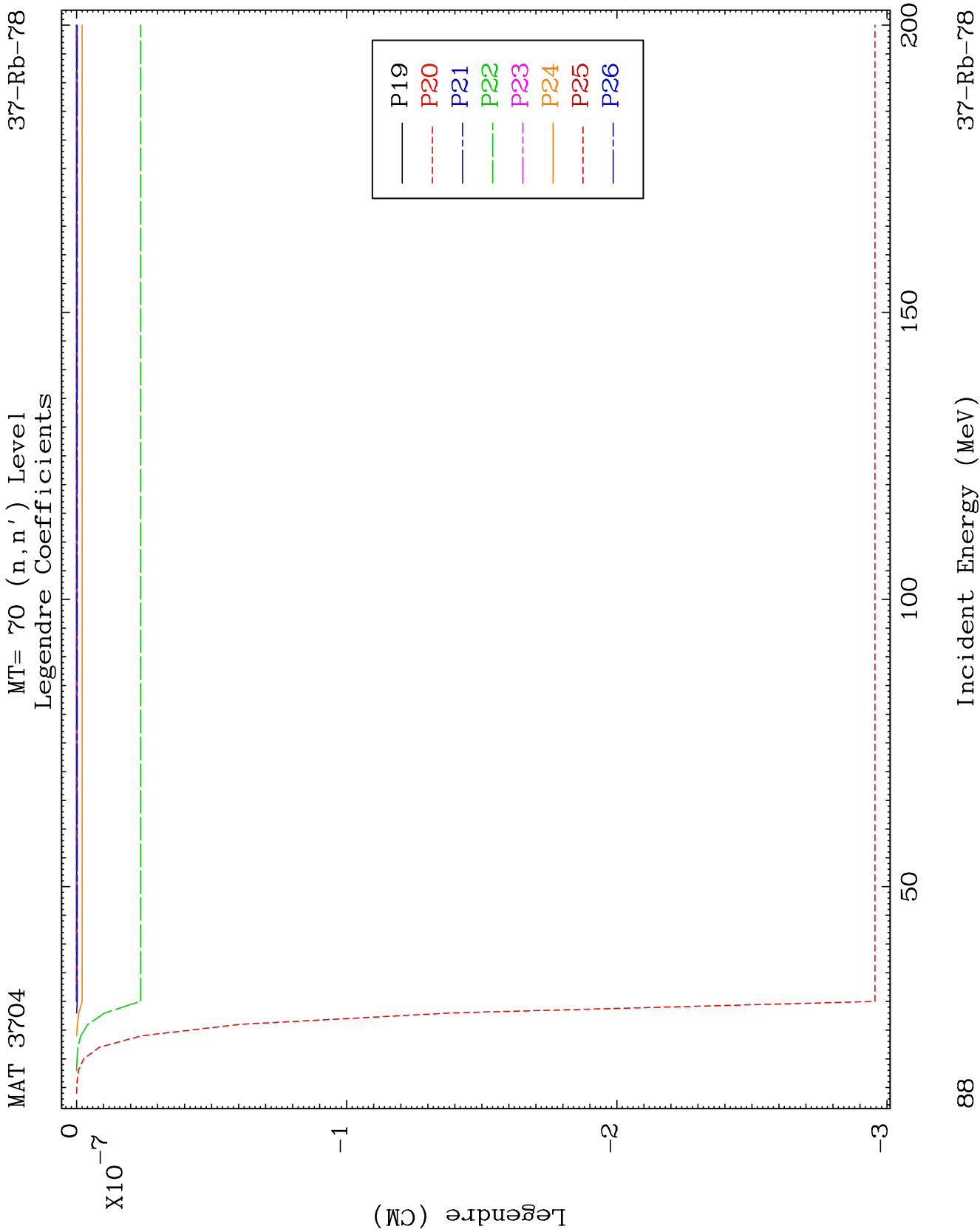


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Incident Energy (MeV)

37-Rb-78

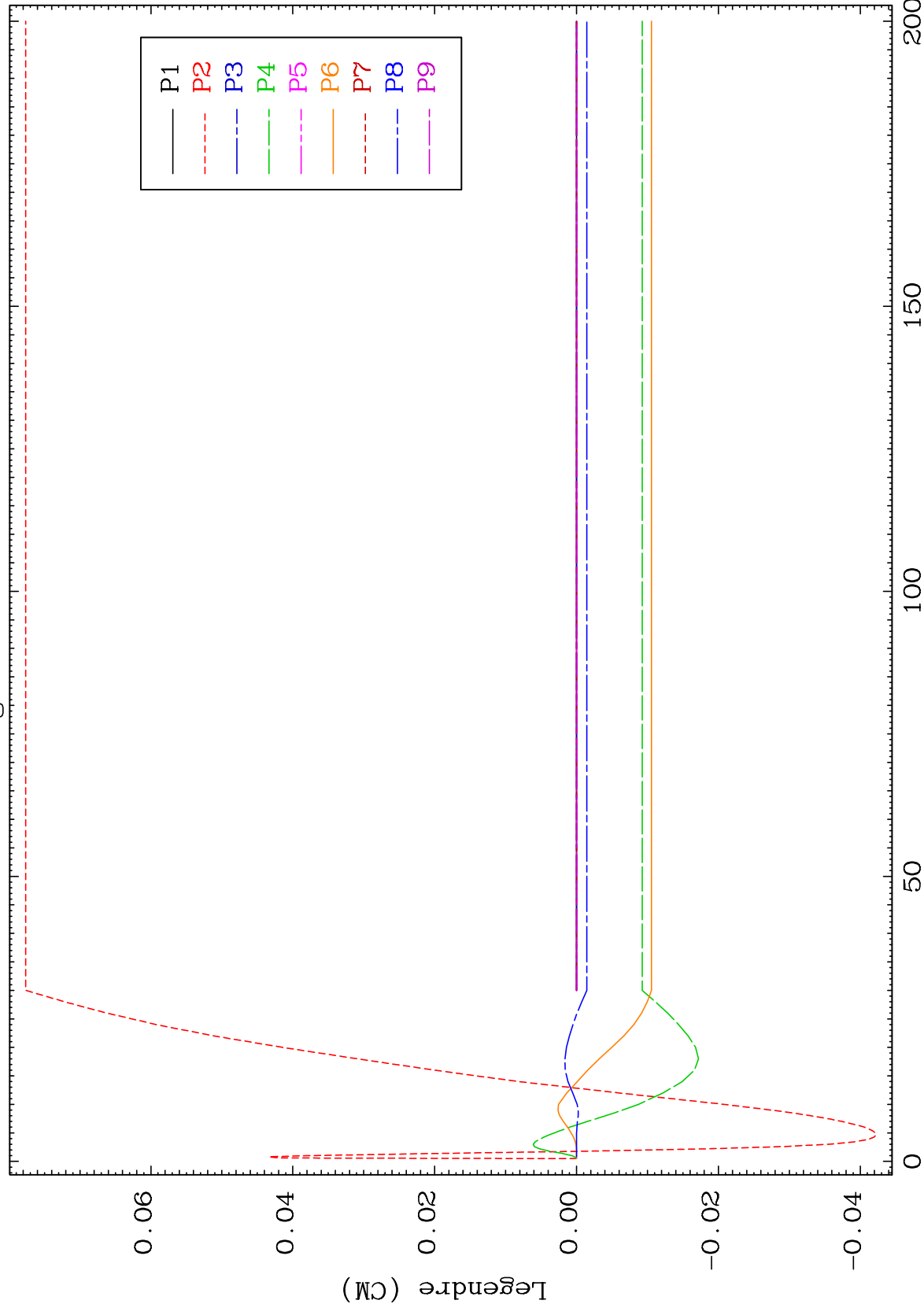




MAT 3704

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

37-Rb-78



98

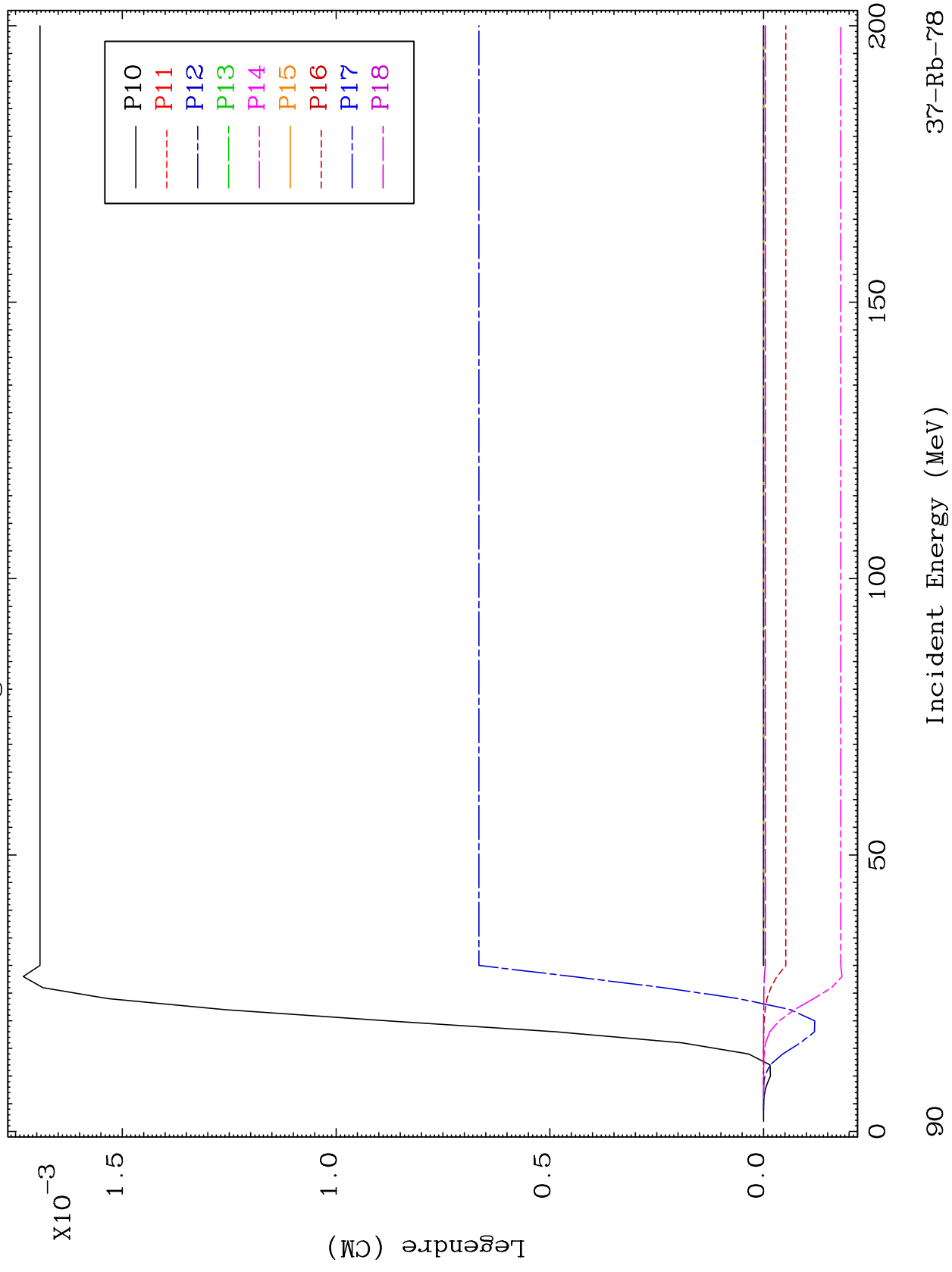
Incident Energy (MeV)

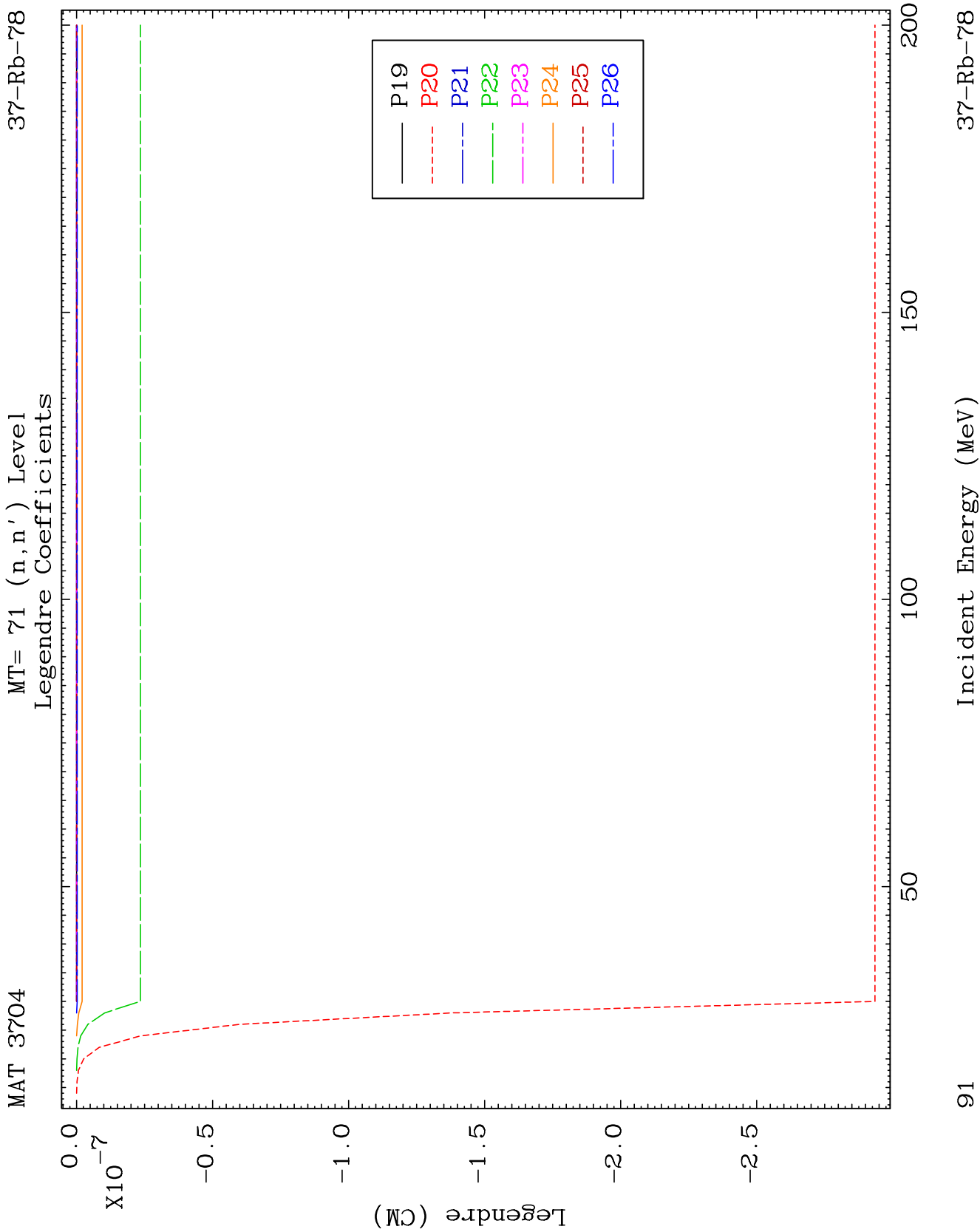
37-Rb-78

MAT 3704

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

37-Rb-78

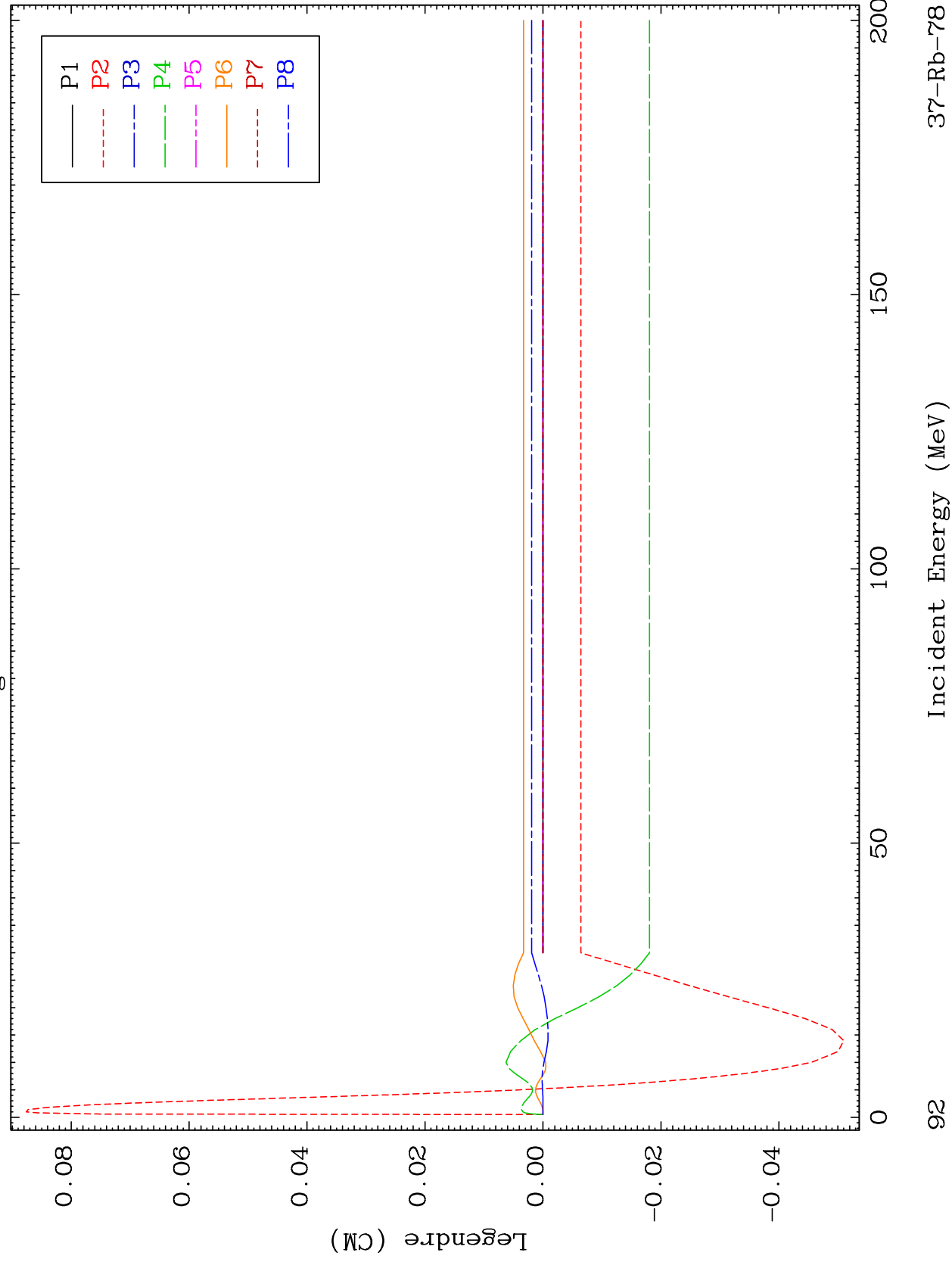


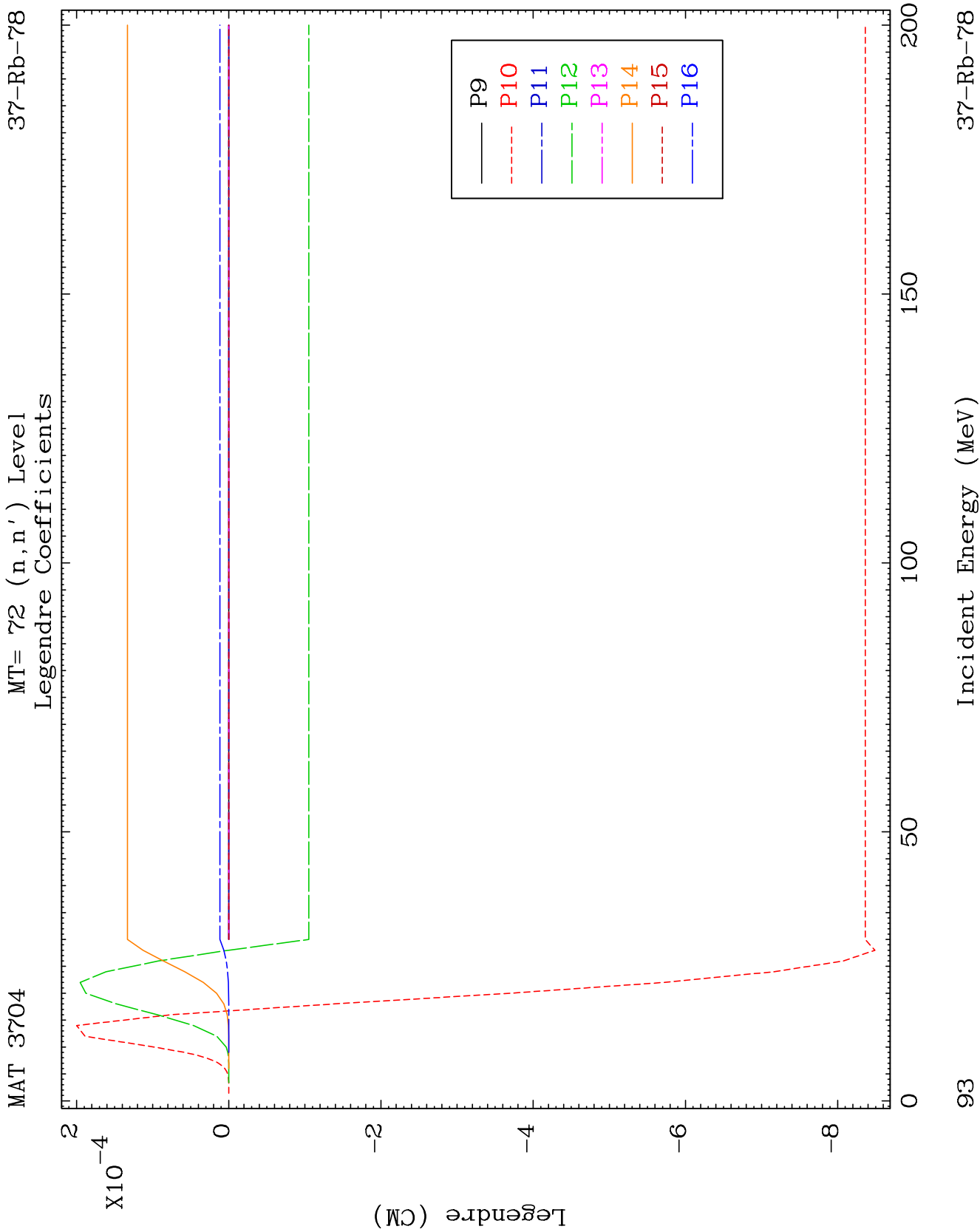


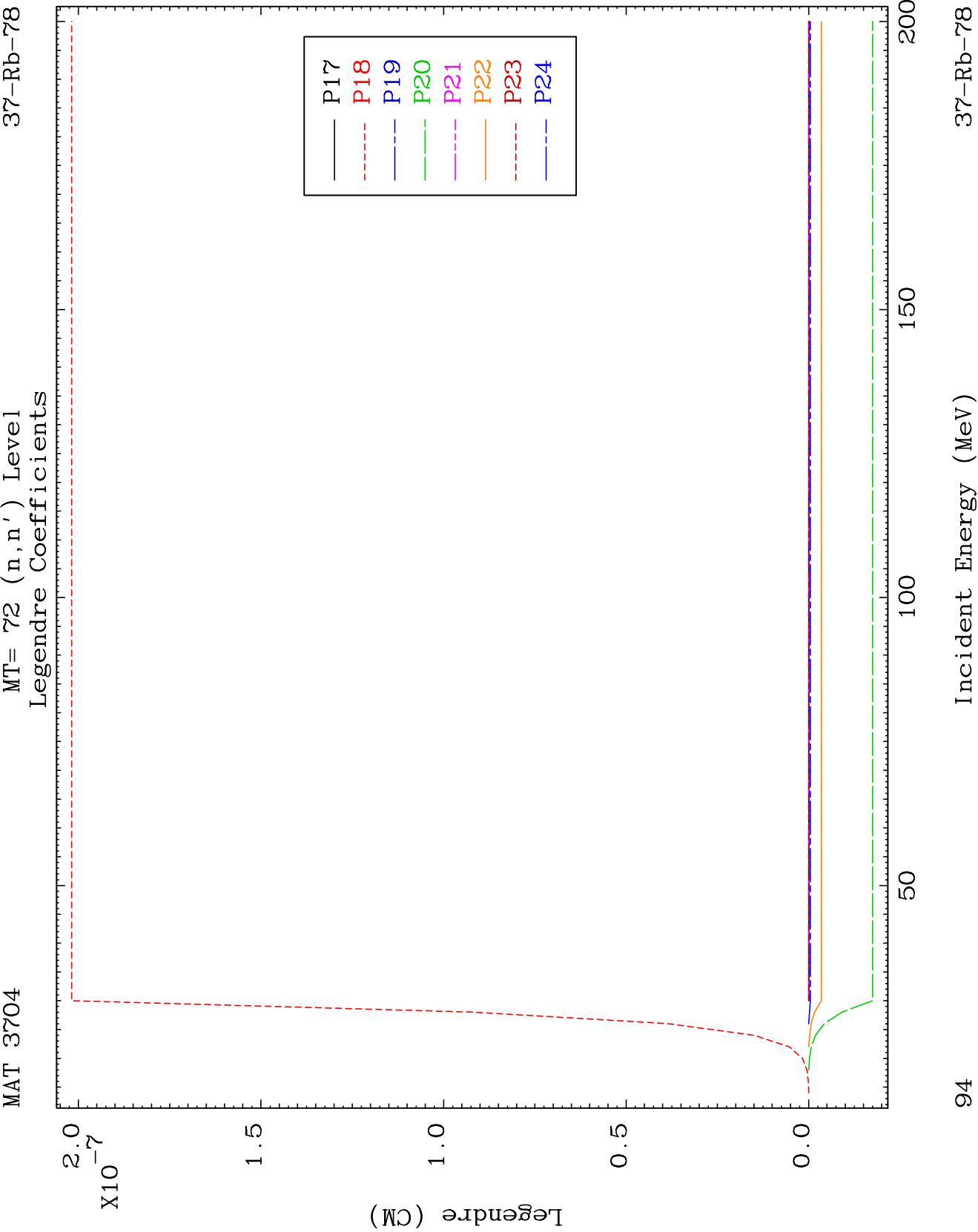
MAT 3704

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

37-Rb-78



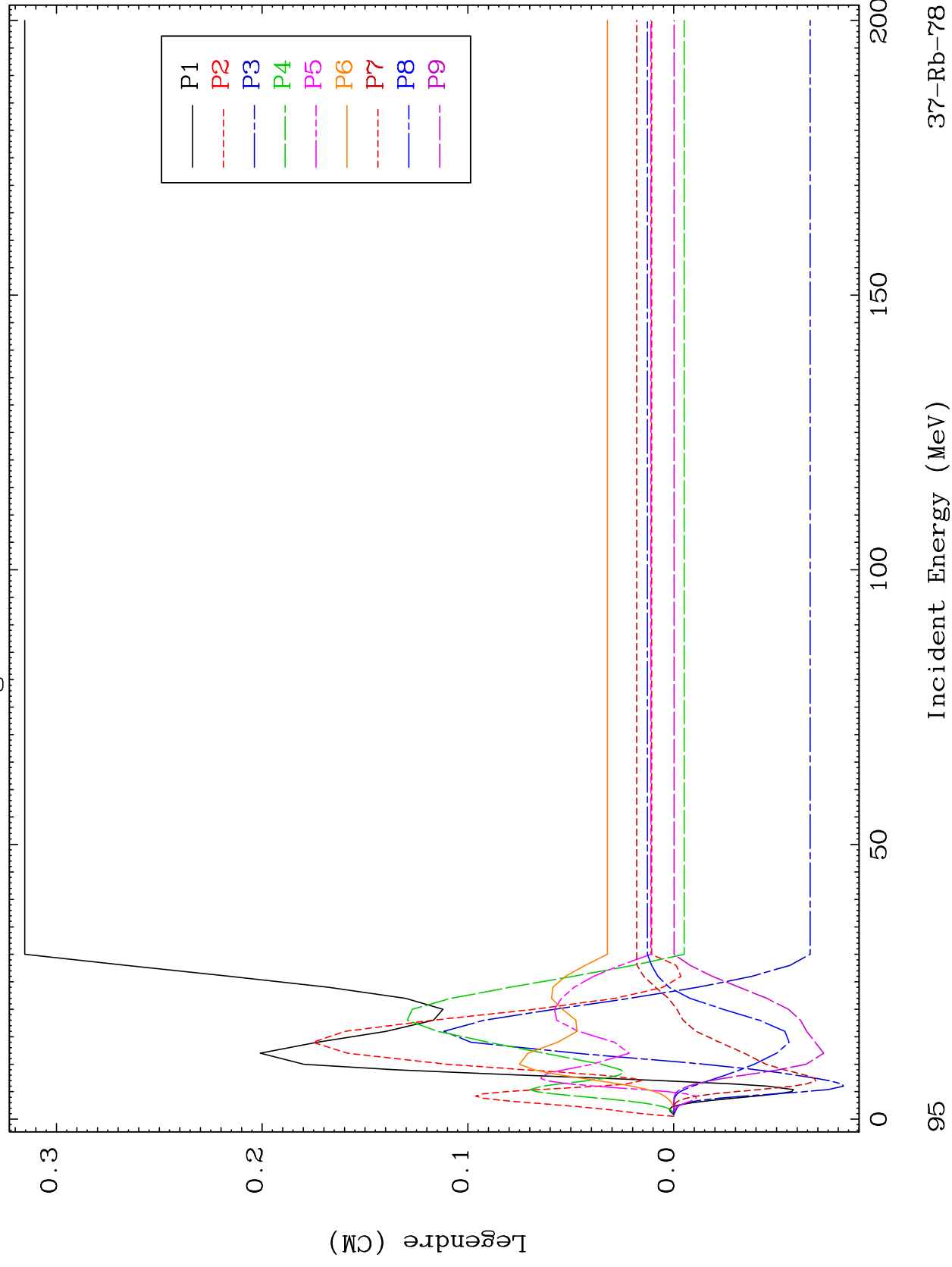




MAT 3704

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

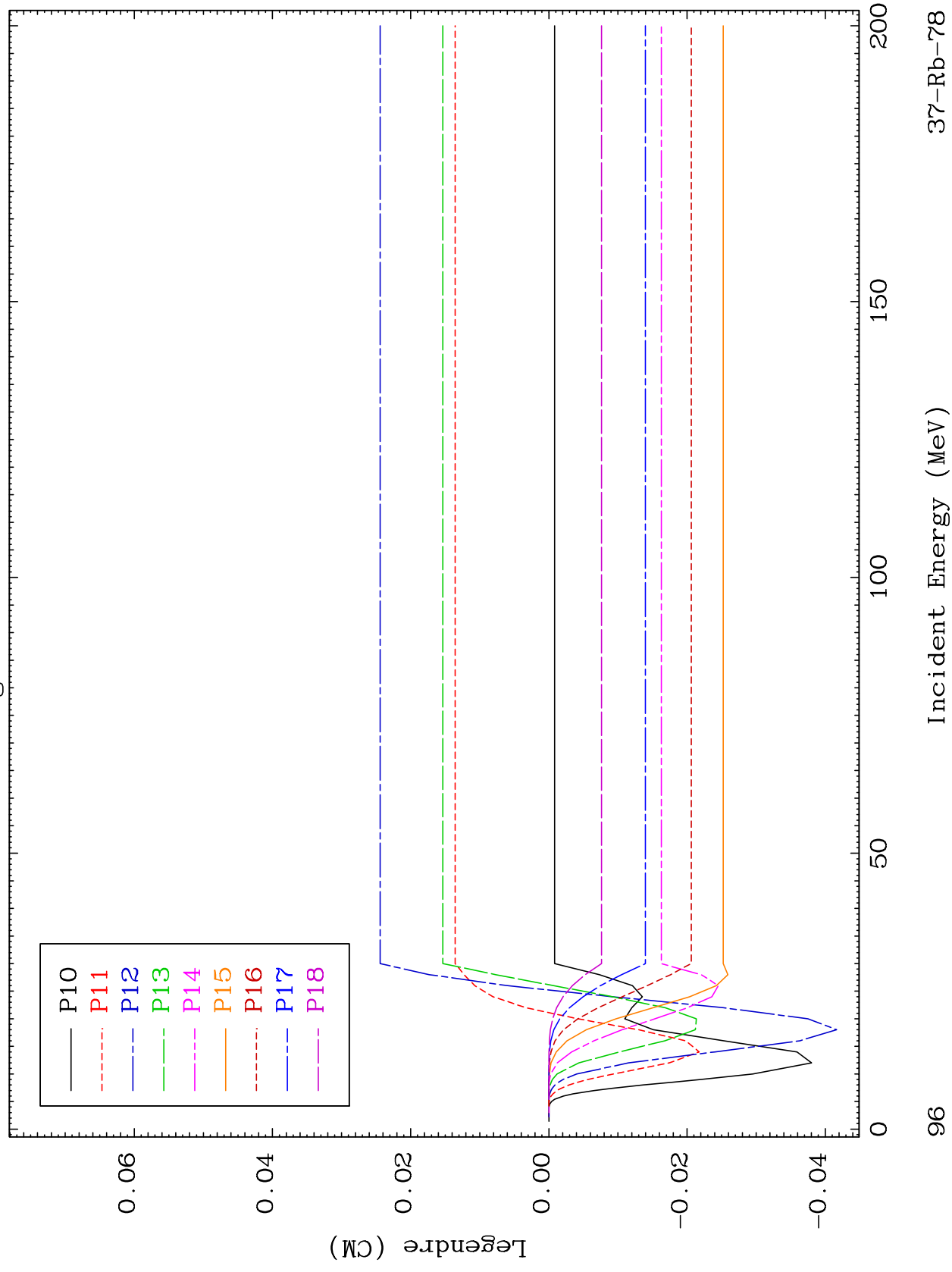
37-Rb-78

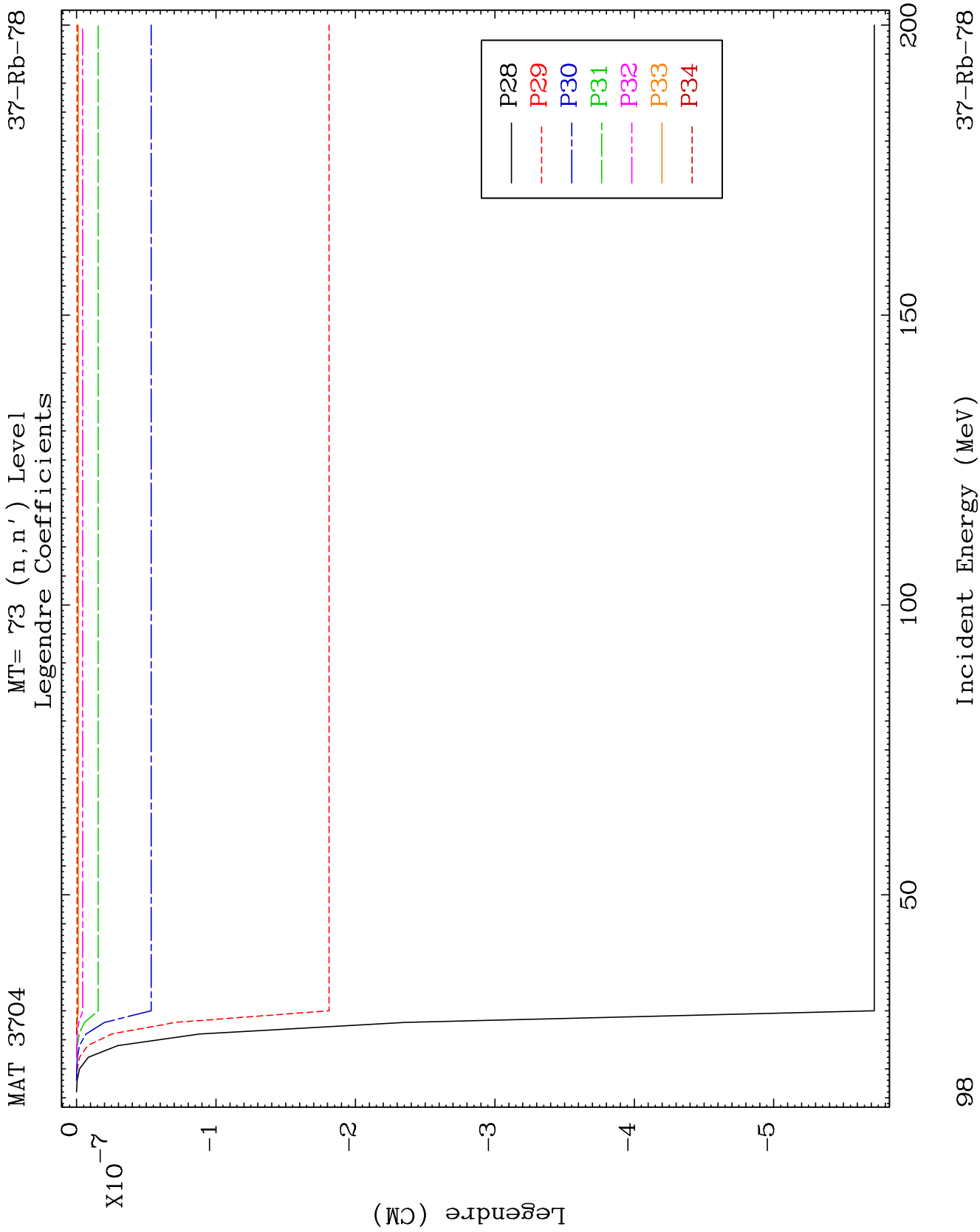


MAT 3704

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

37-Rb-78





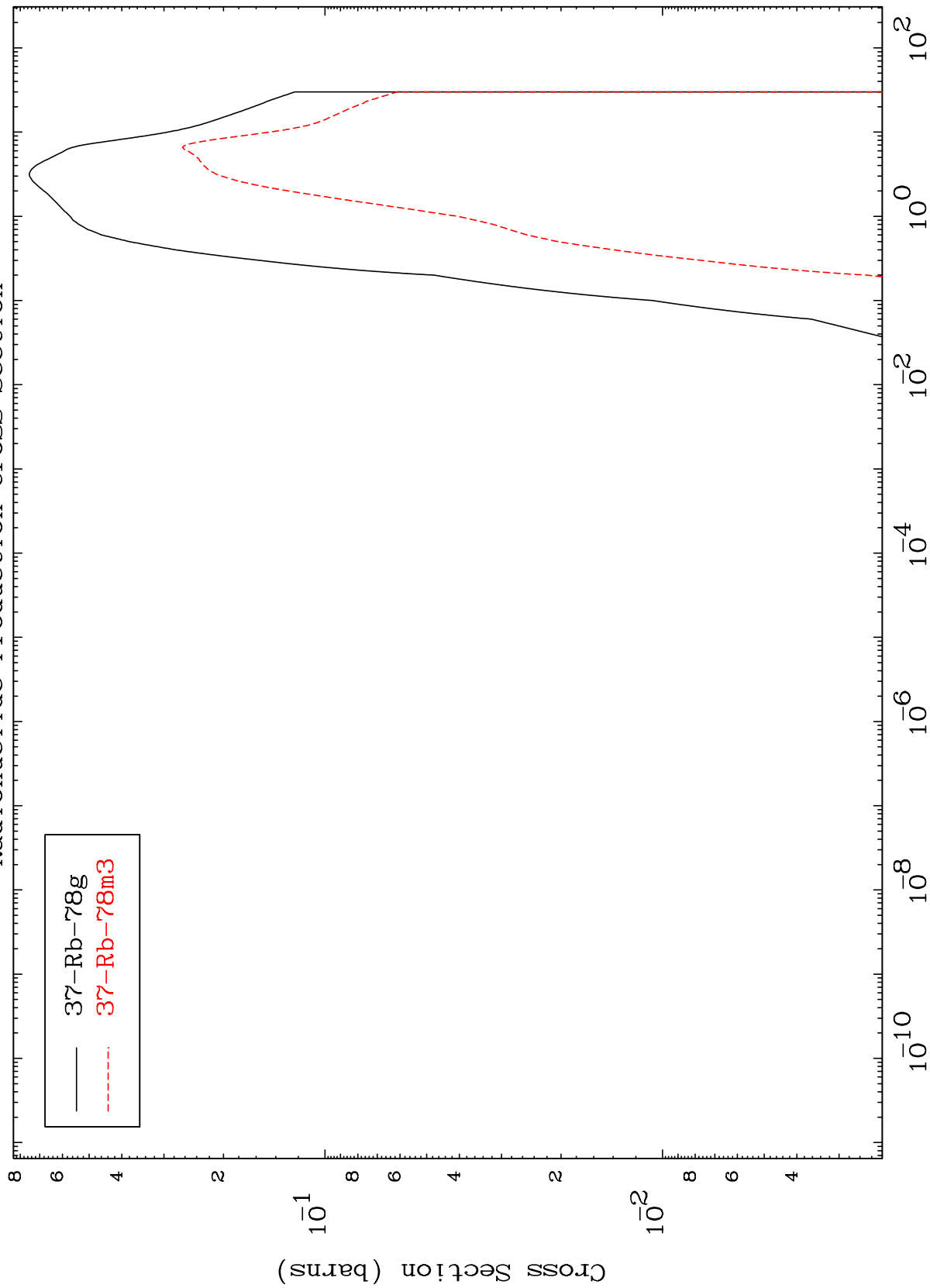
MAT 3704

³⁷Rb-⁷⁸

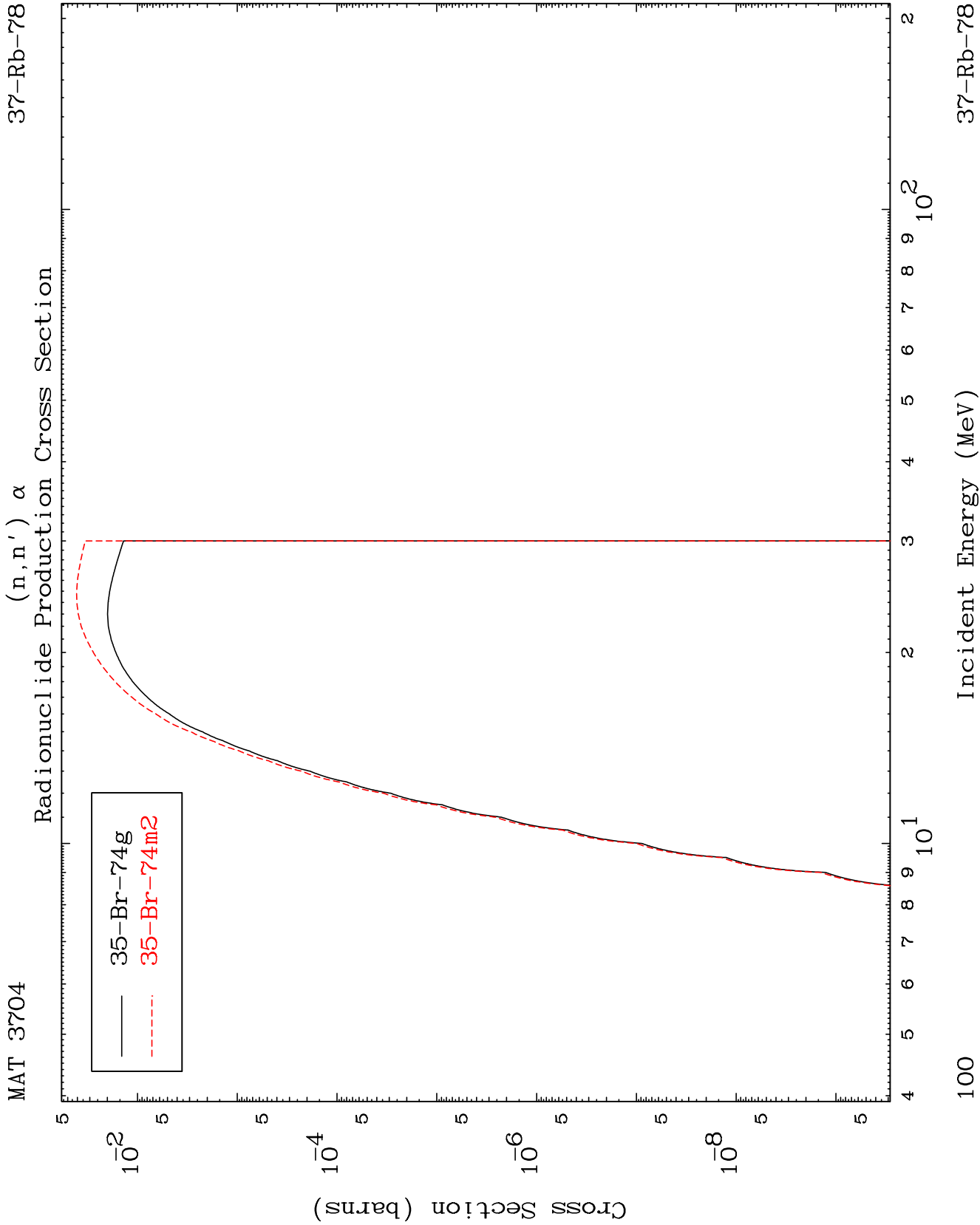
Radionuclide Production Cross Section

Inelastic

³⁷Rb-⁷⁸



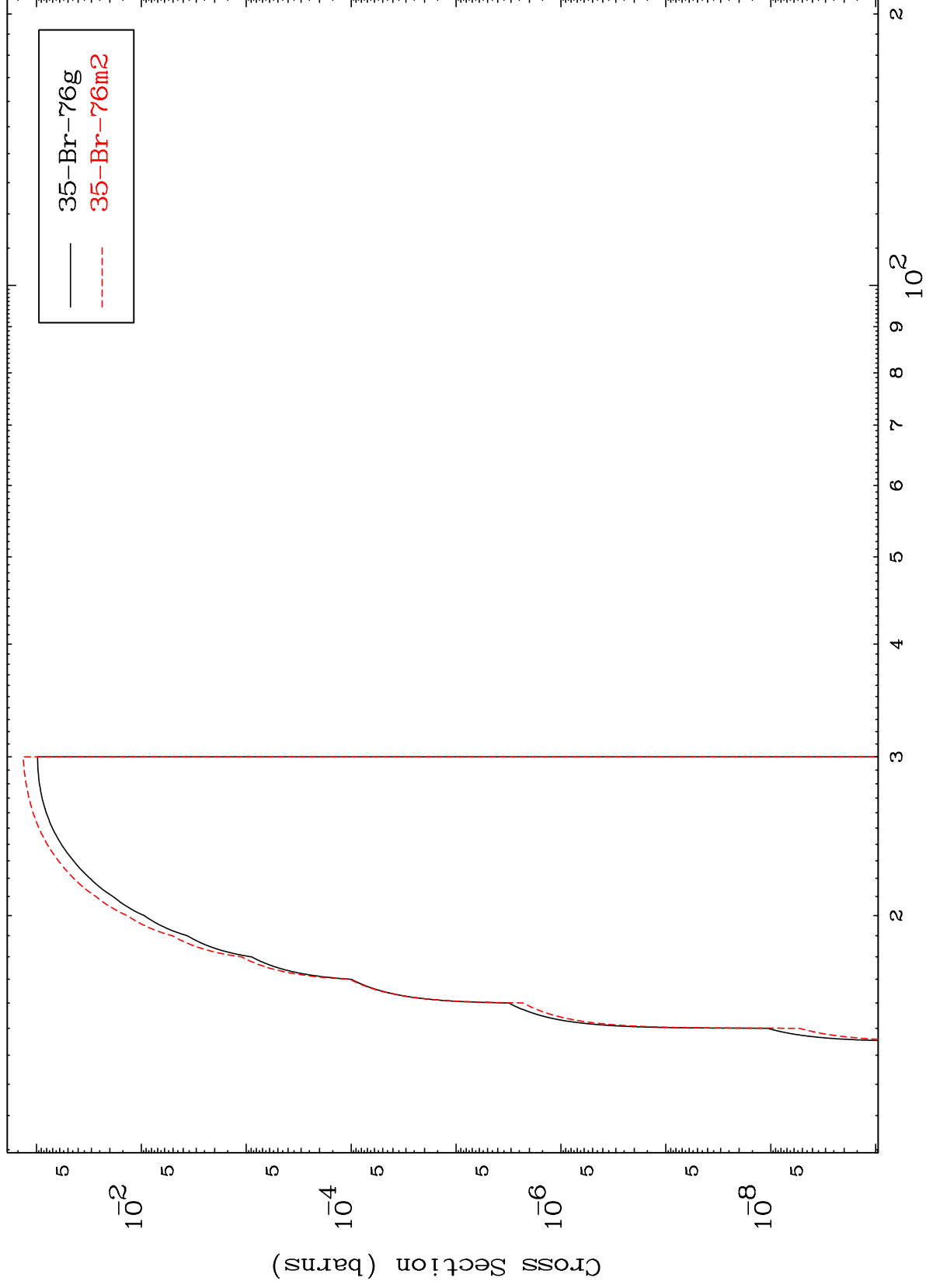
— ³⁷Rb-⁷⁸g
- - - ³⁷Rb-⁷⁸m3



MAT 3704

$(n,2n)$ p 37-Rb-78

Radionuclide Production Cross Section



101

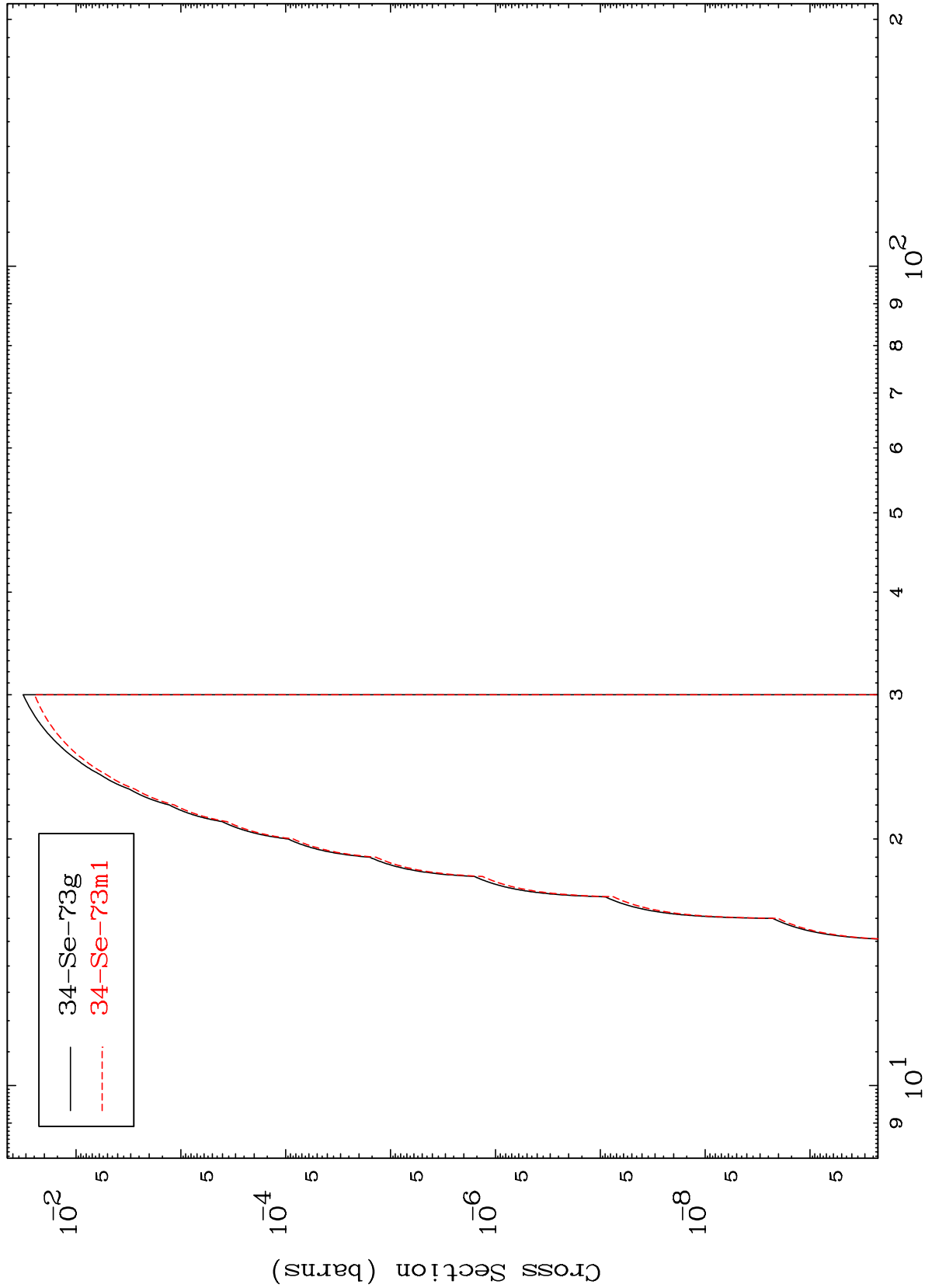
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

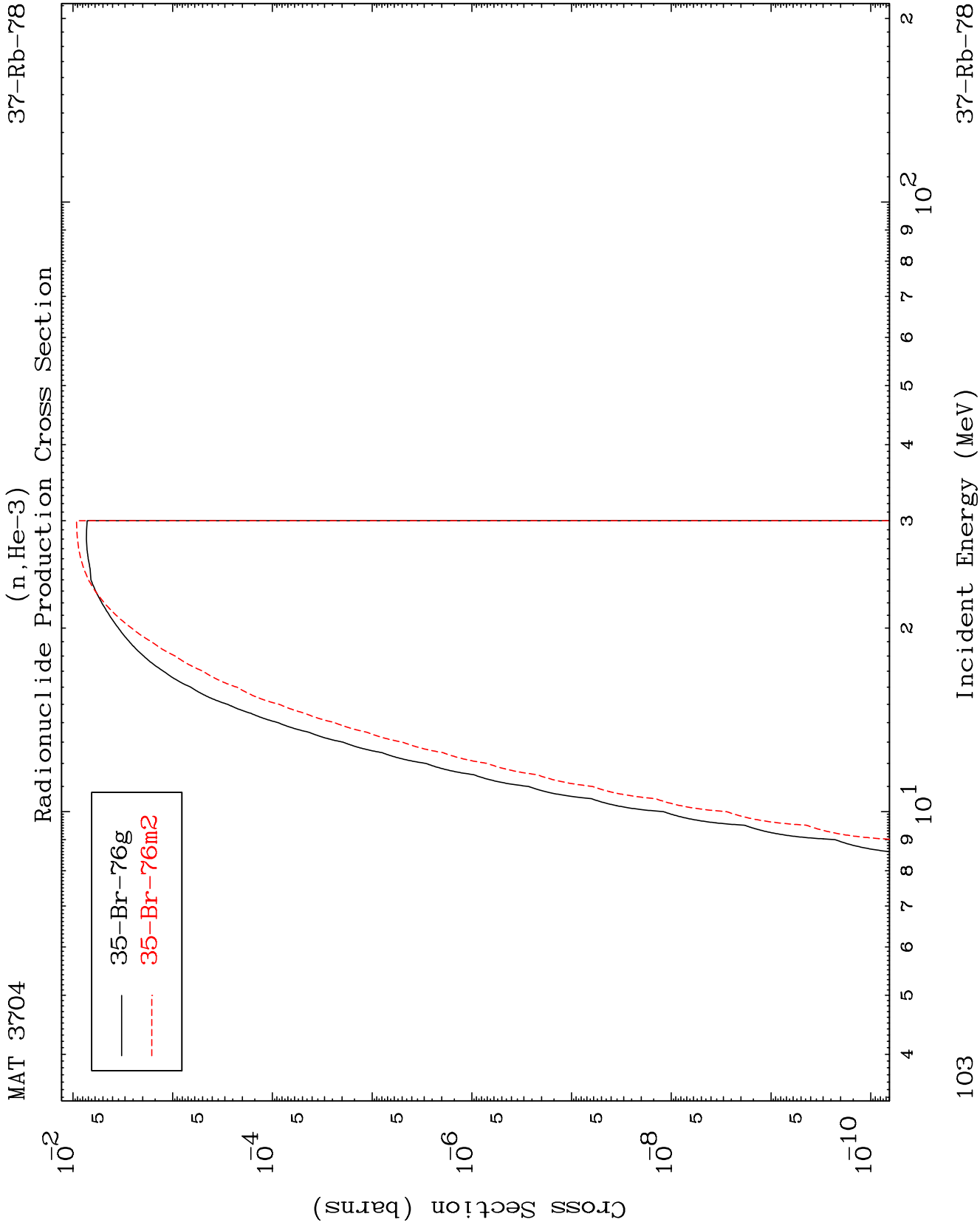
(n,n') p α
Radionuclide Production Cross Section



37-Rb-78

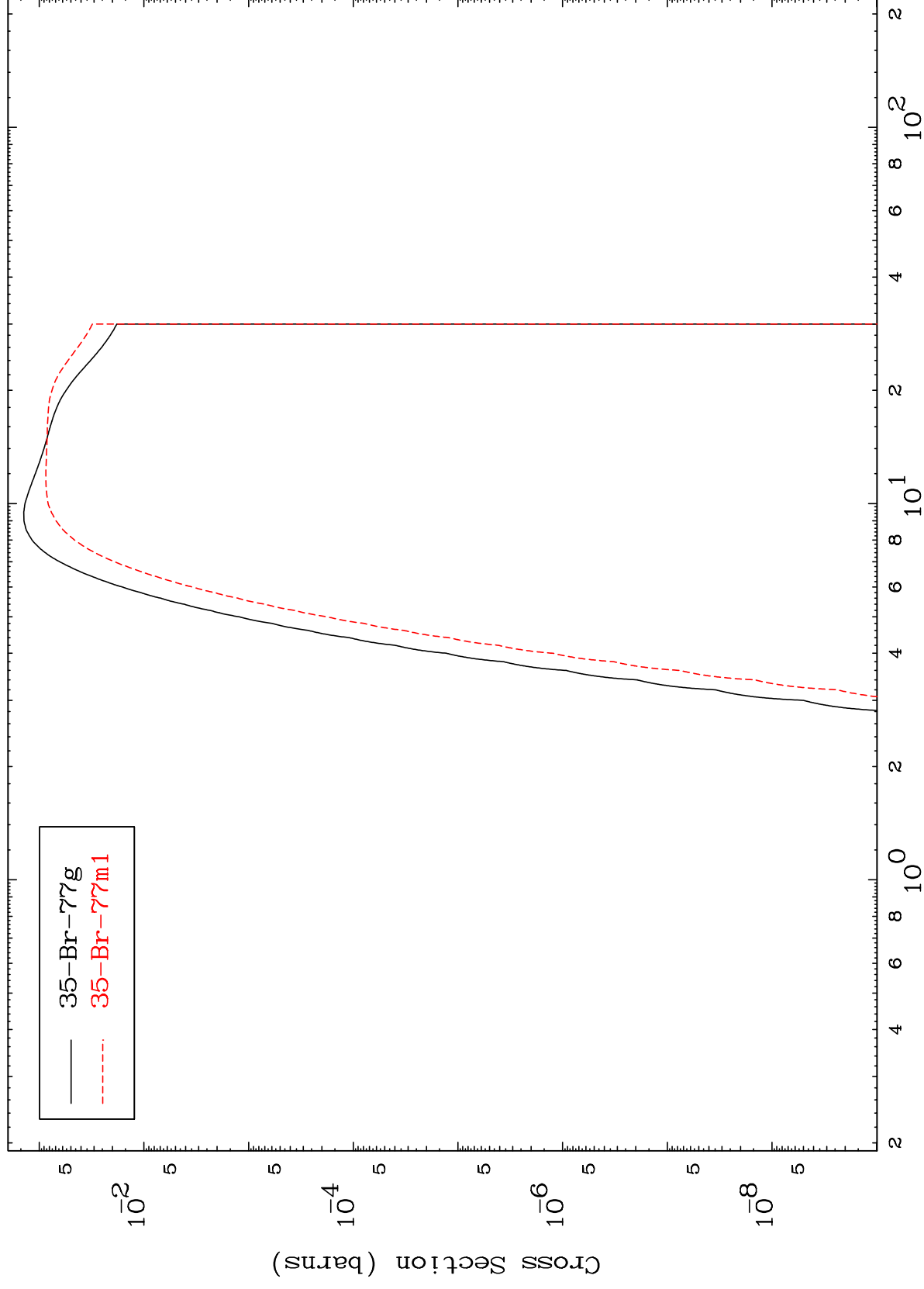
Incident Energy (MeV)

102



MAT 3704

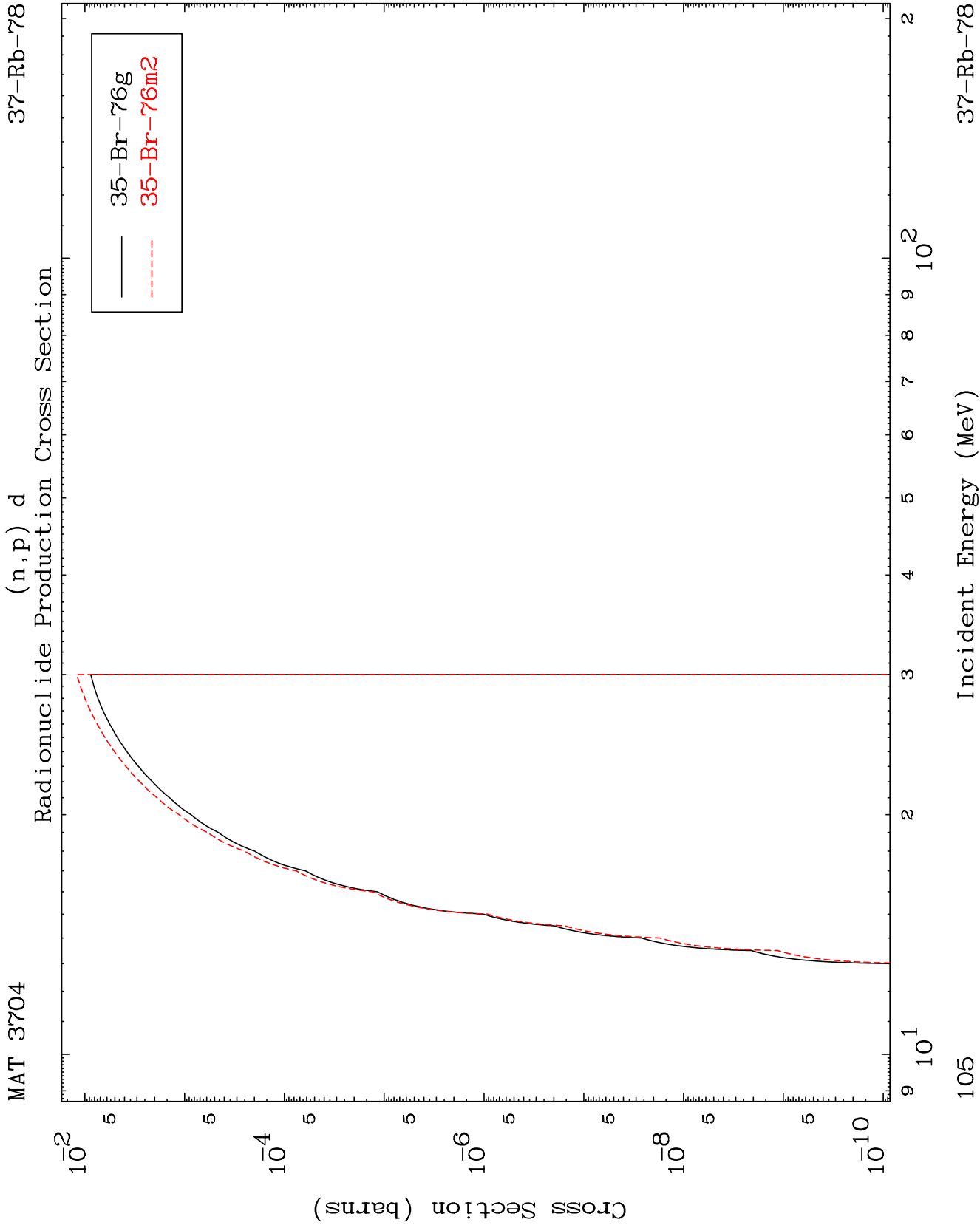
37-Rb-78

Radionuclide Production Cross Section
(n, 2p)

104

Incident Energy (MeV)

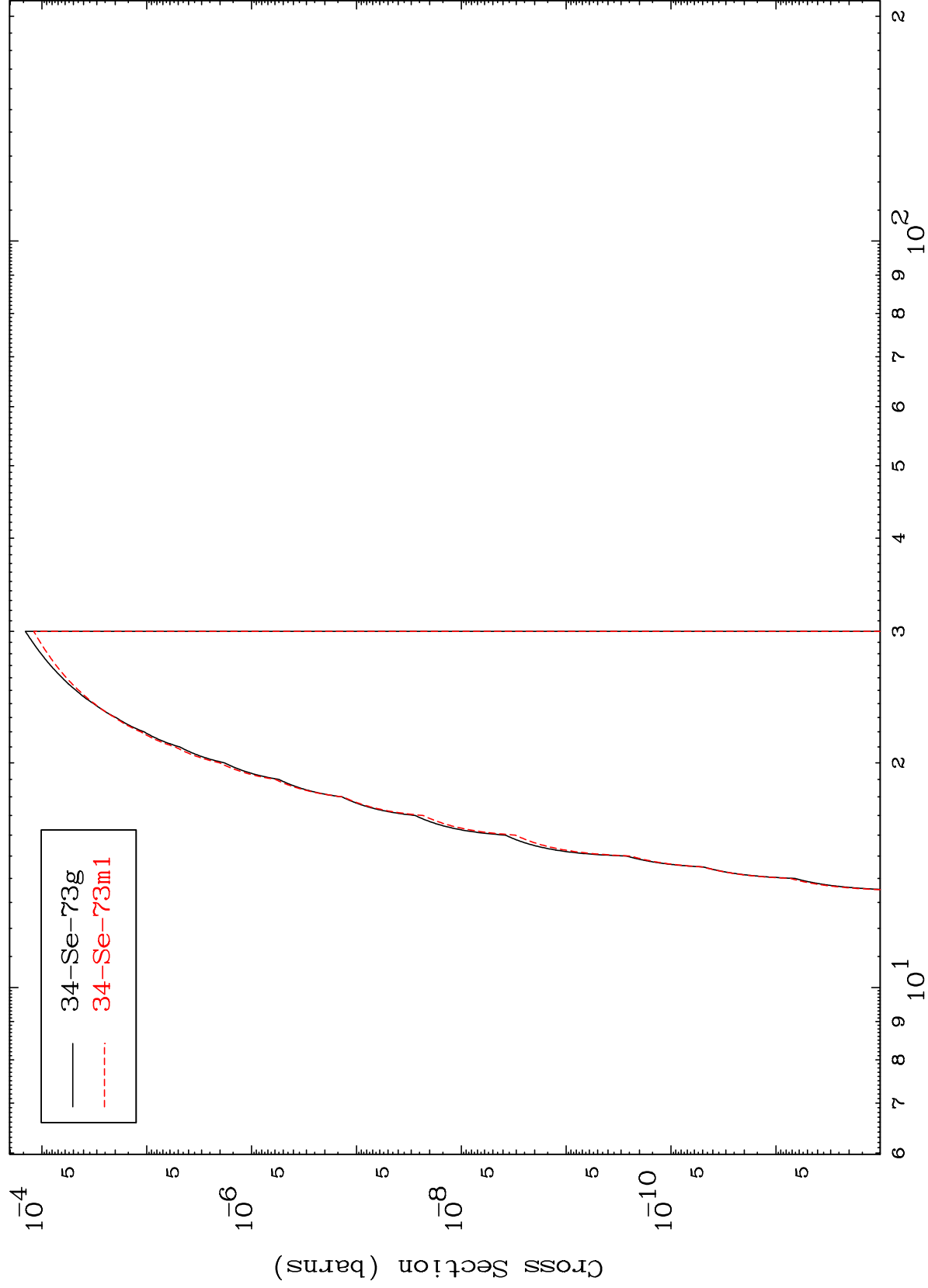
37-Rb-78



MAT 3704

37-Rb-78

(n,d) α
Radionuclide Production Cross Section



106

Incident Energy (MeV)

37-Rb-78