

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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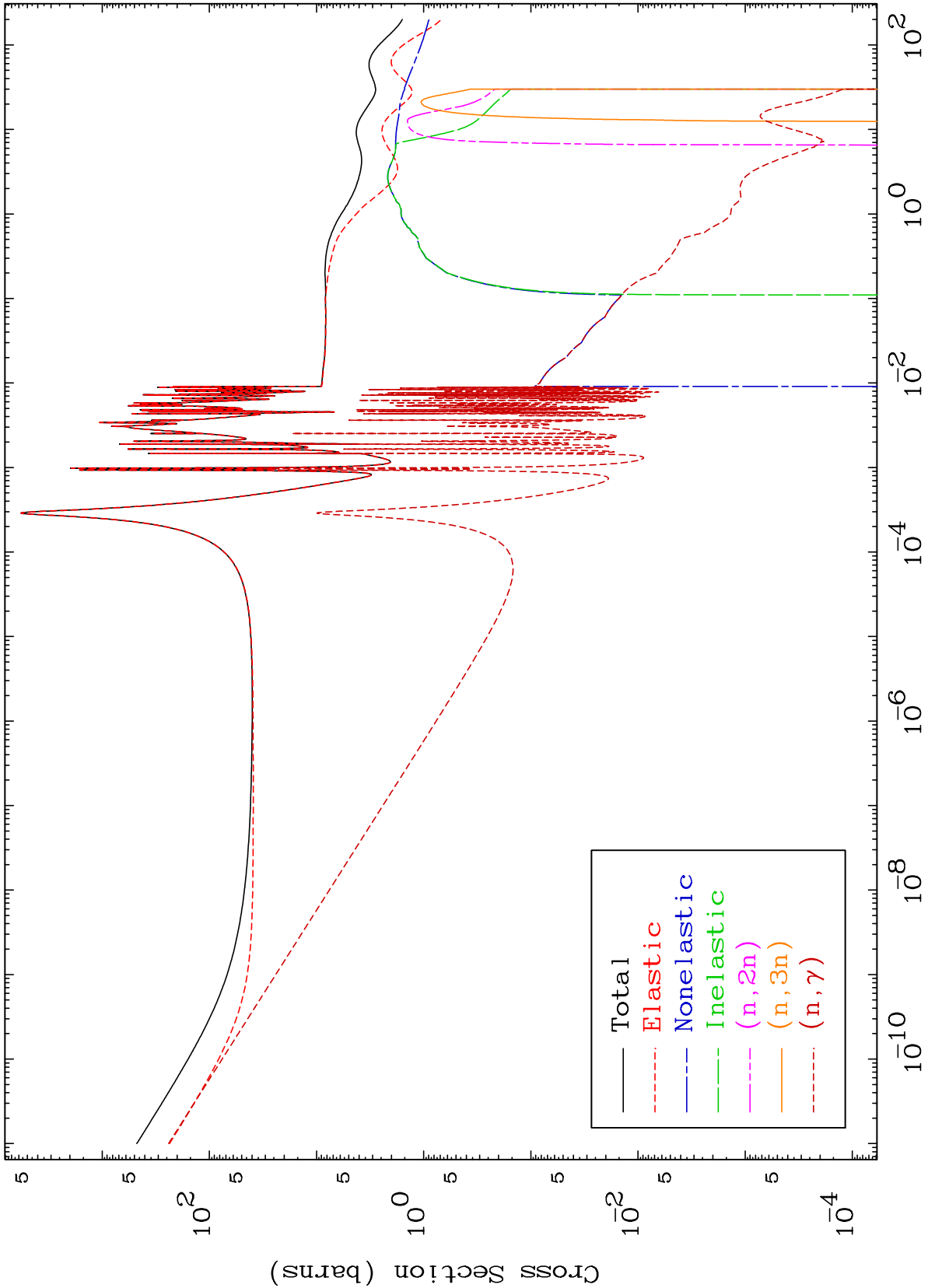
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

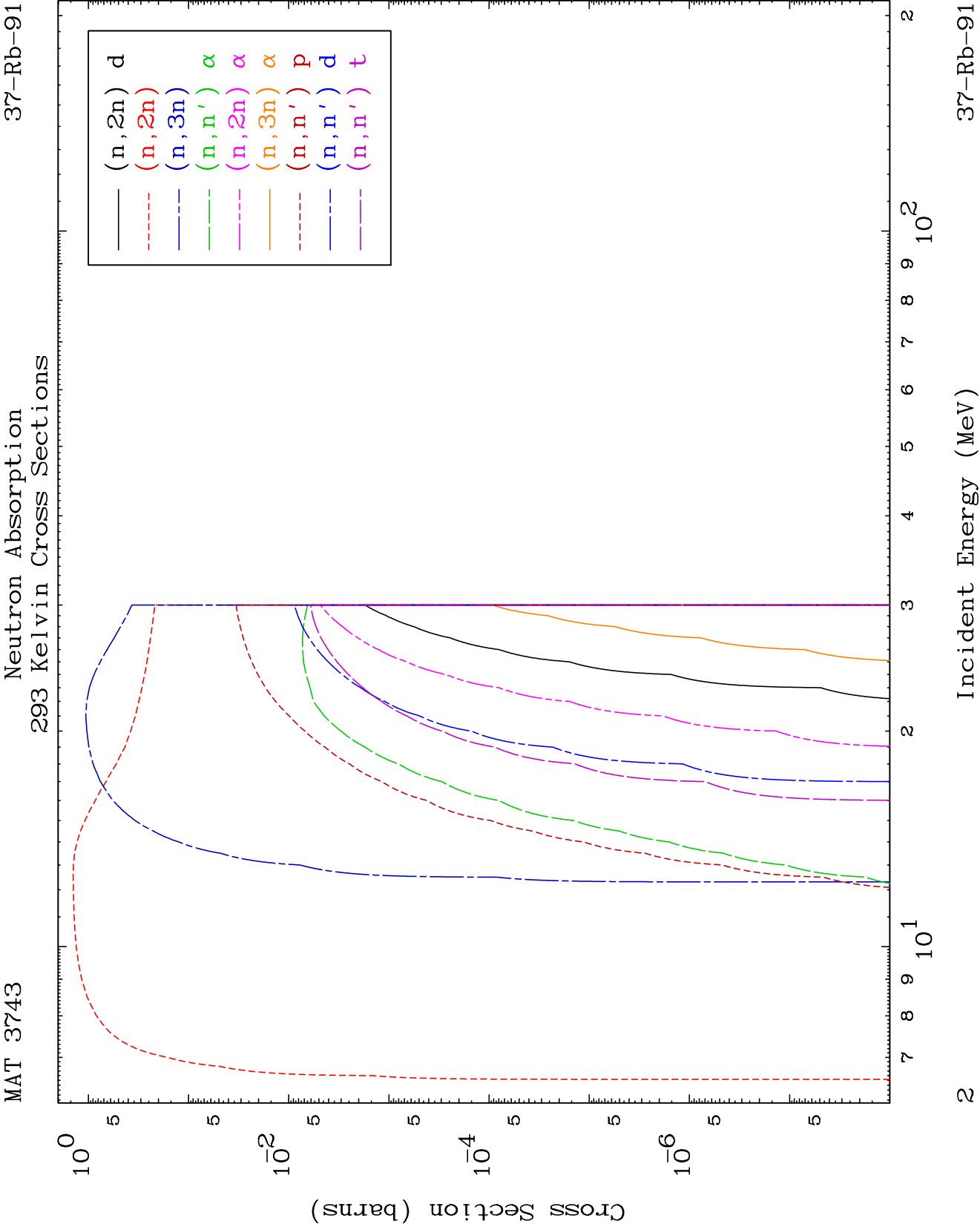
Press Mouse Button to Start

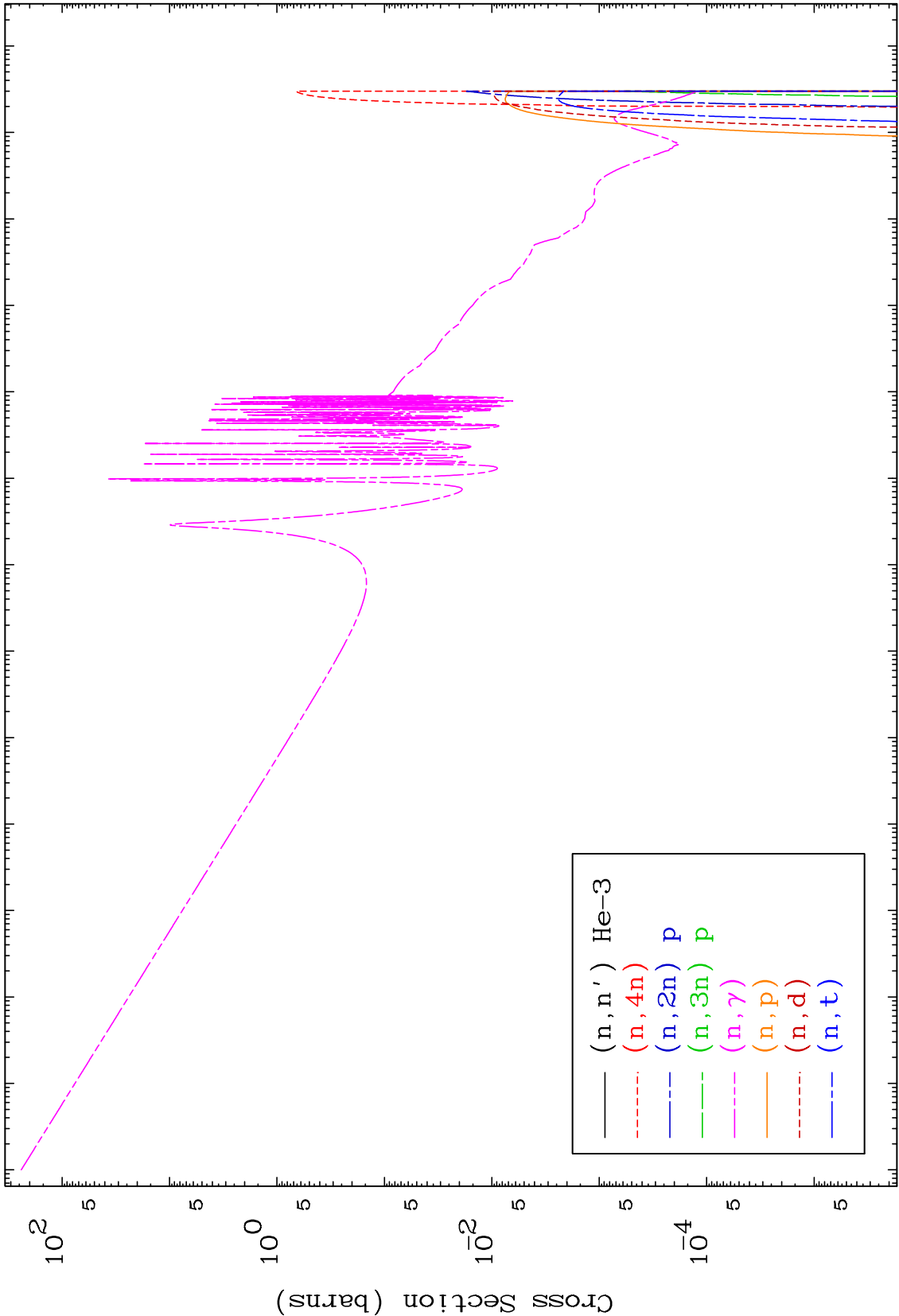
MAT 3743

Neutron Major
293 Kelvin Cross Sections

37-Rb-91



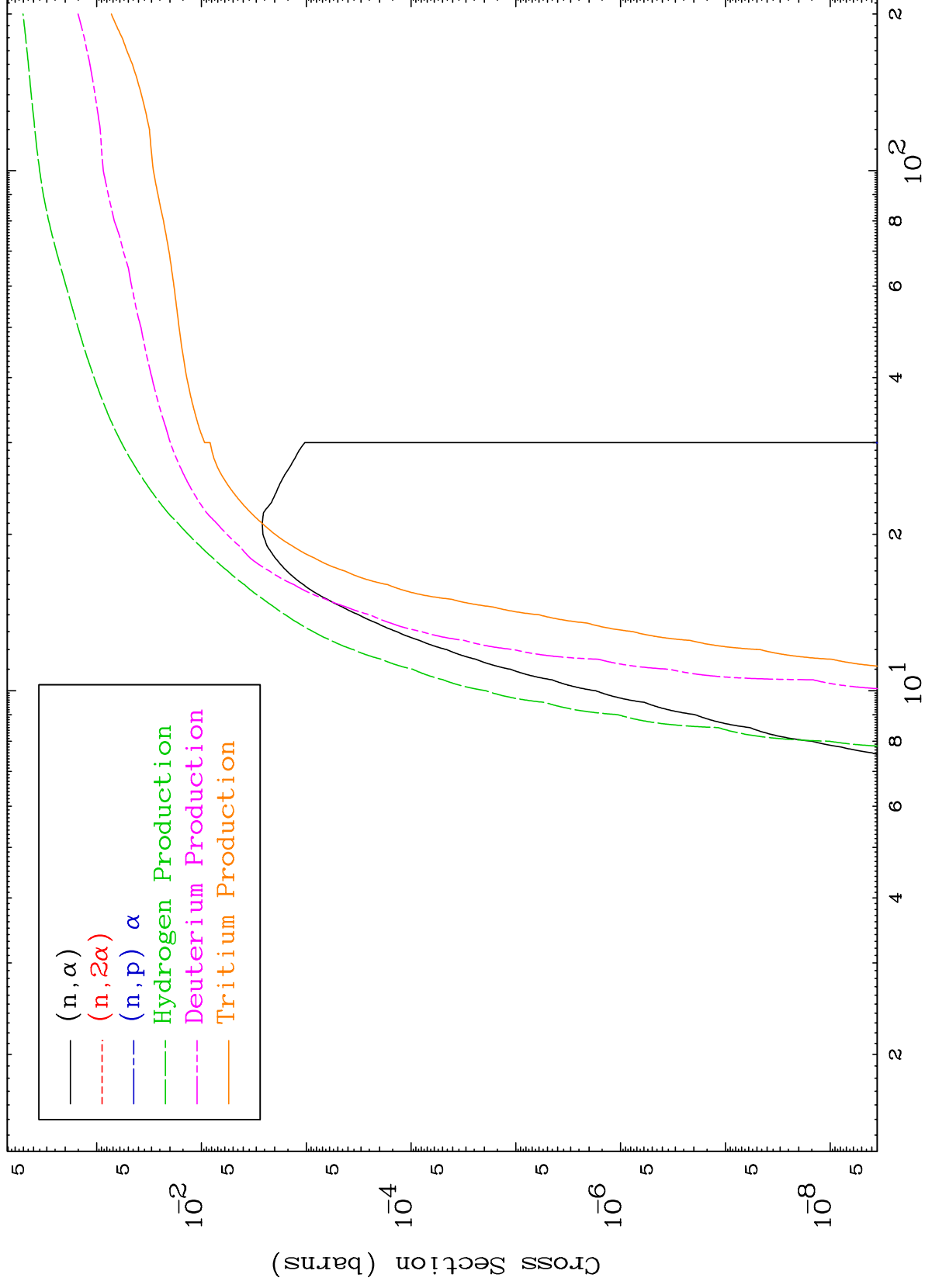




MAT 3743

Neutron Absorption
293 Kelvin Cross Sections

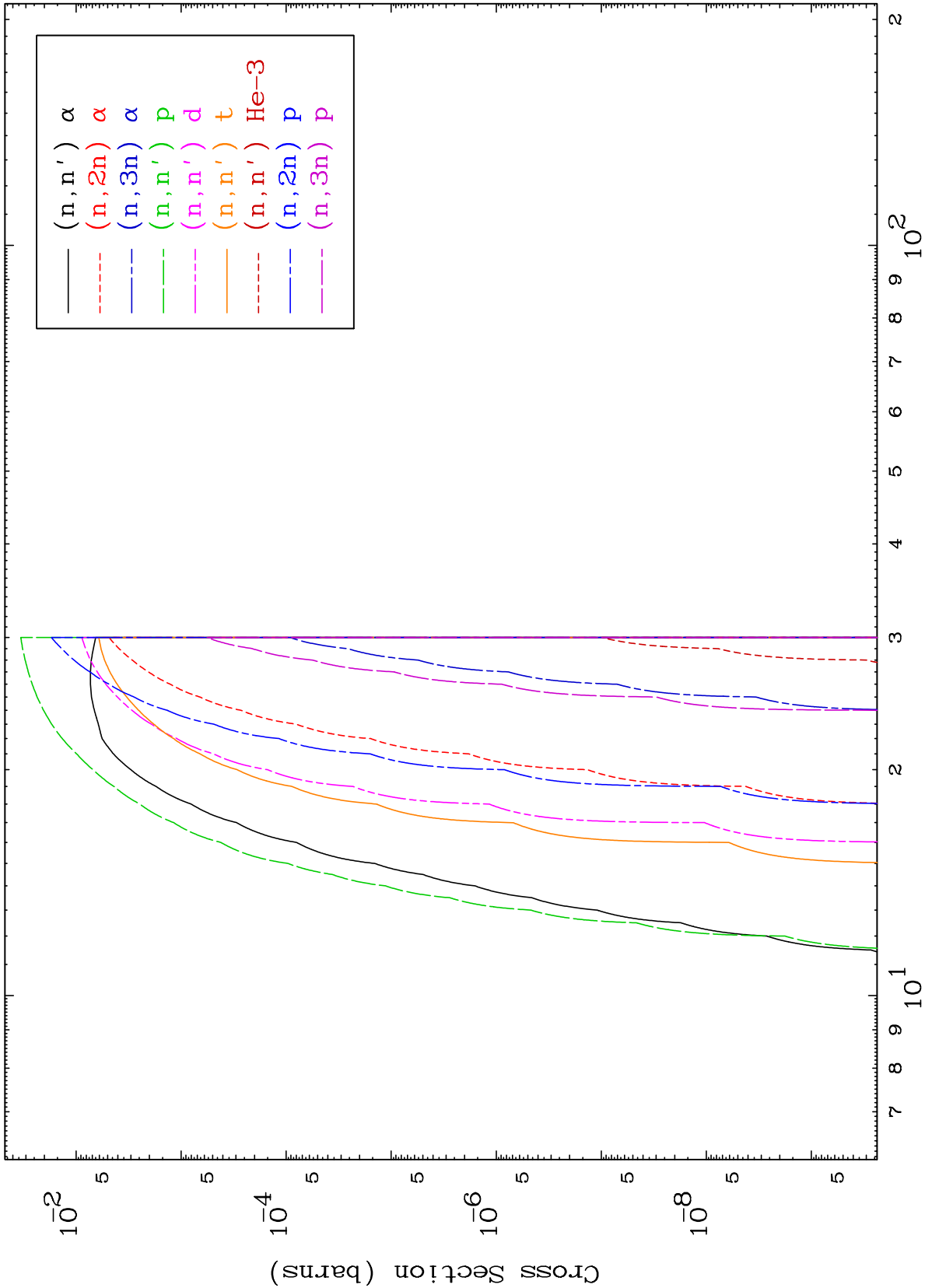
37-Rb-91



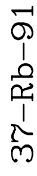
4

Incident Energy (MeV)

37-Rb-91



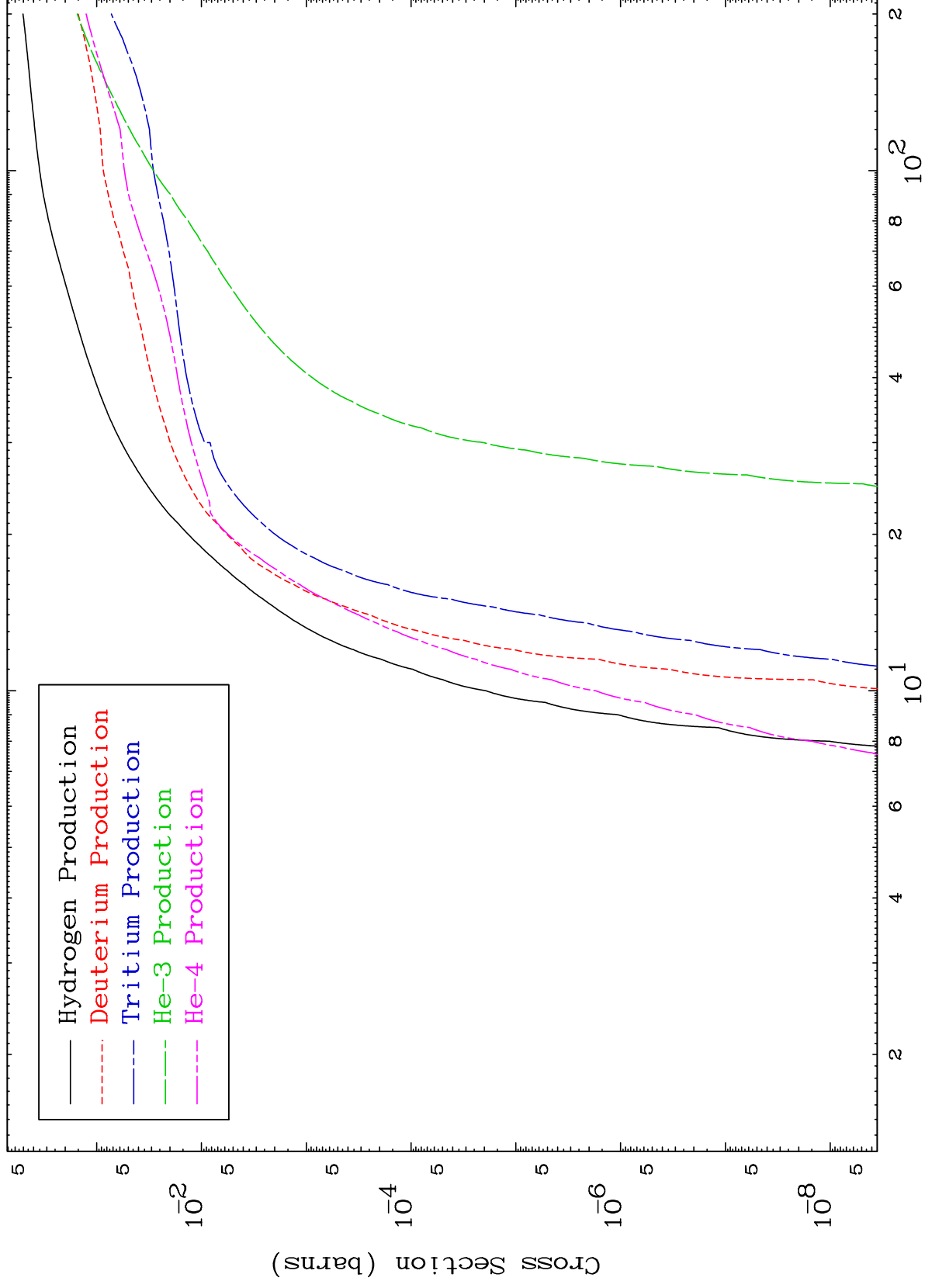
37-Rb-91



MAT 3743

Particle Production
293 Kelvin Cross Sections

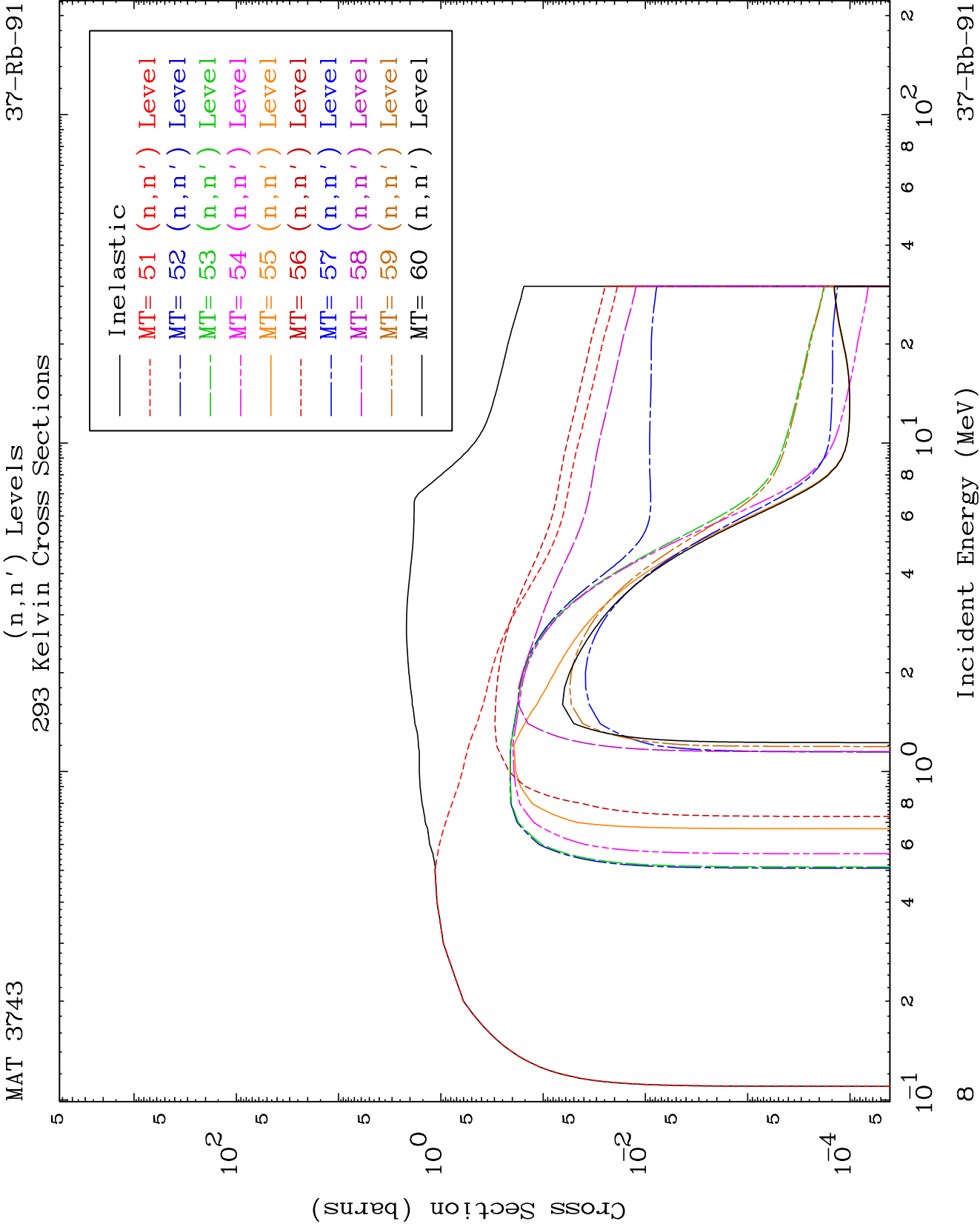
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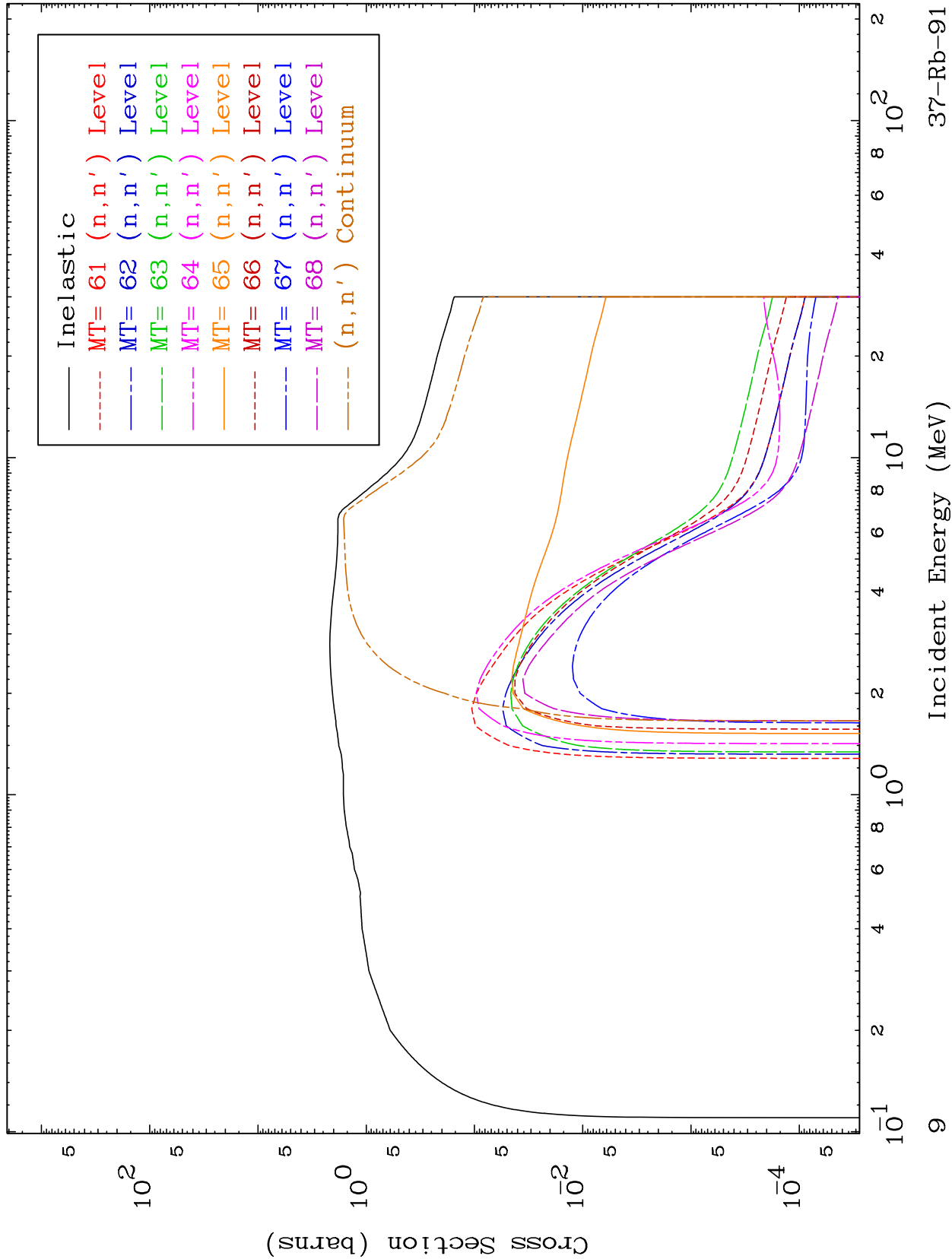


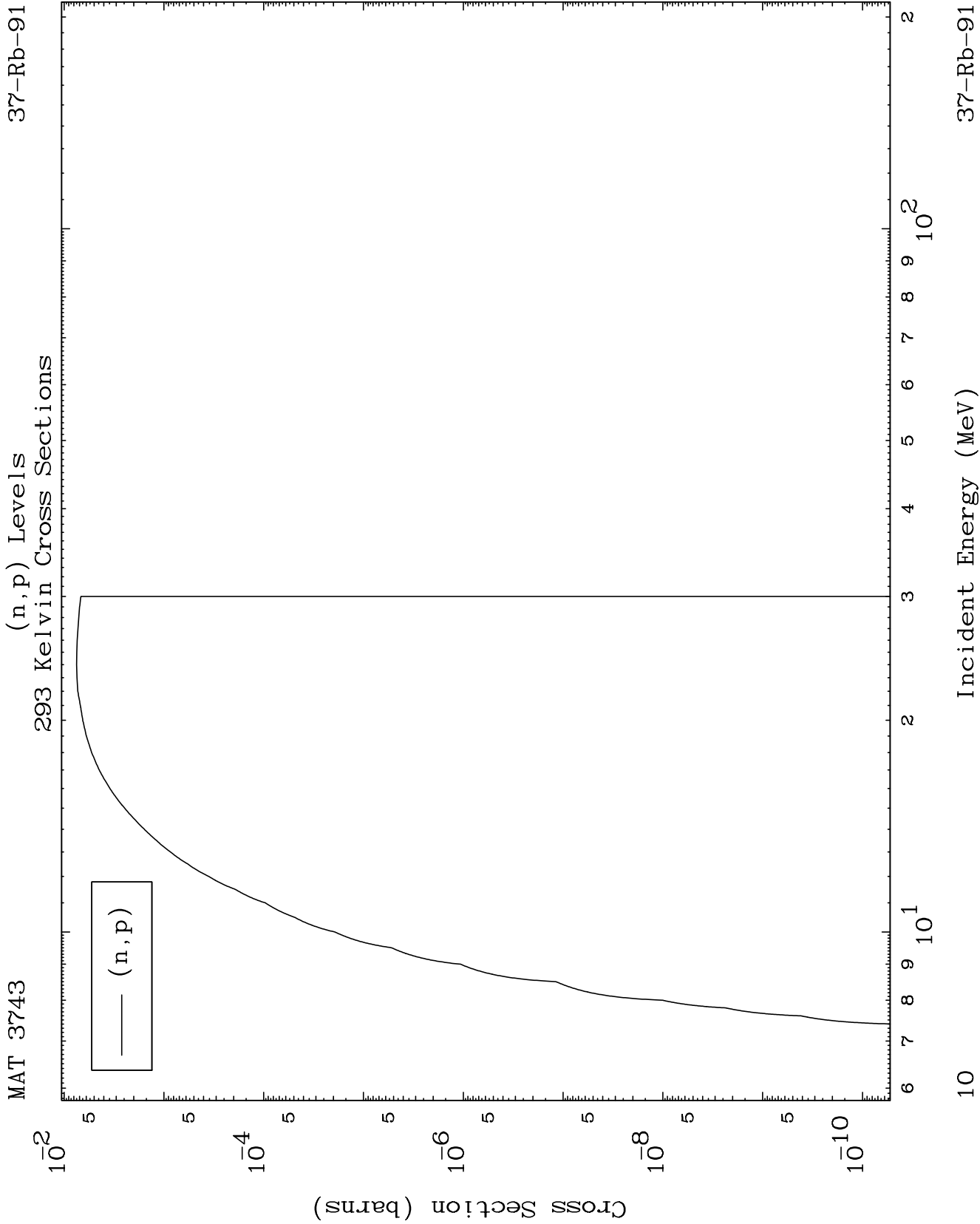
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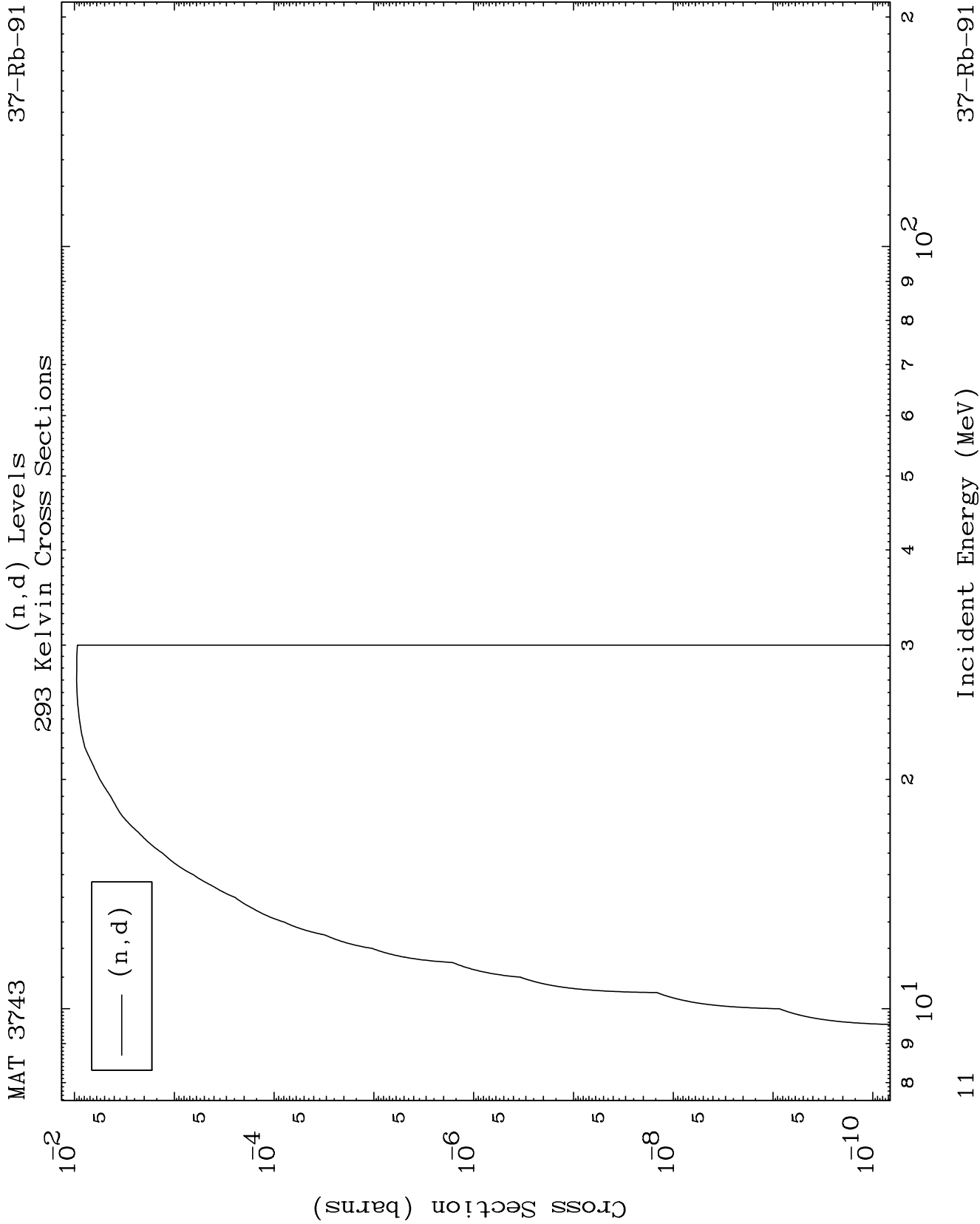
Incident Energy (MeV)

37-Rb-91





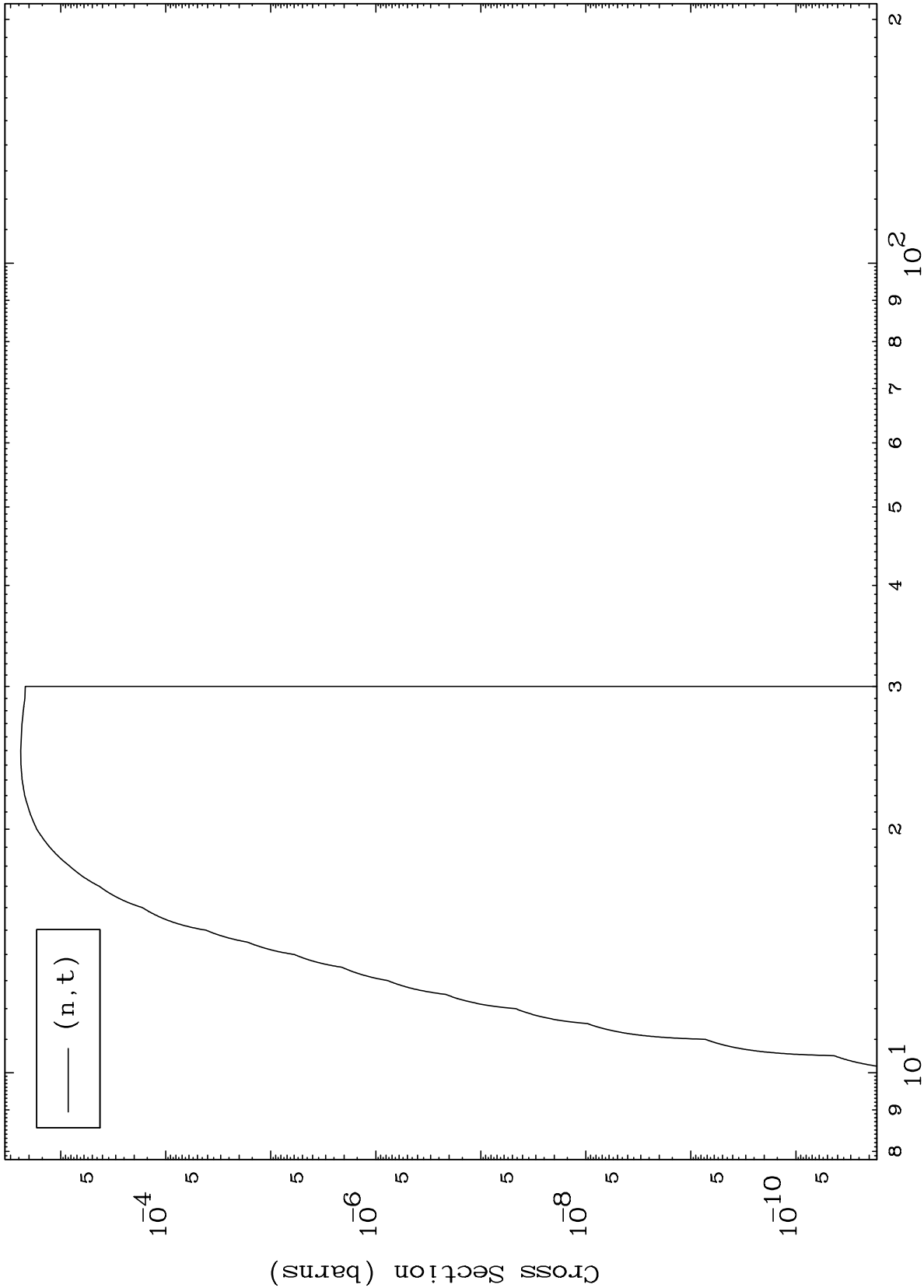




MAT 3743

(n,t) Levels
293 Kelvin Cross Sections

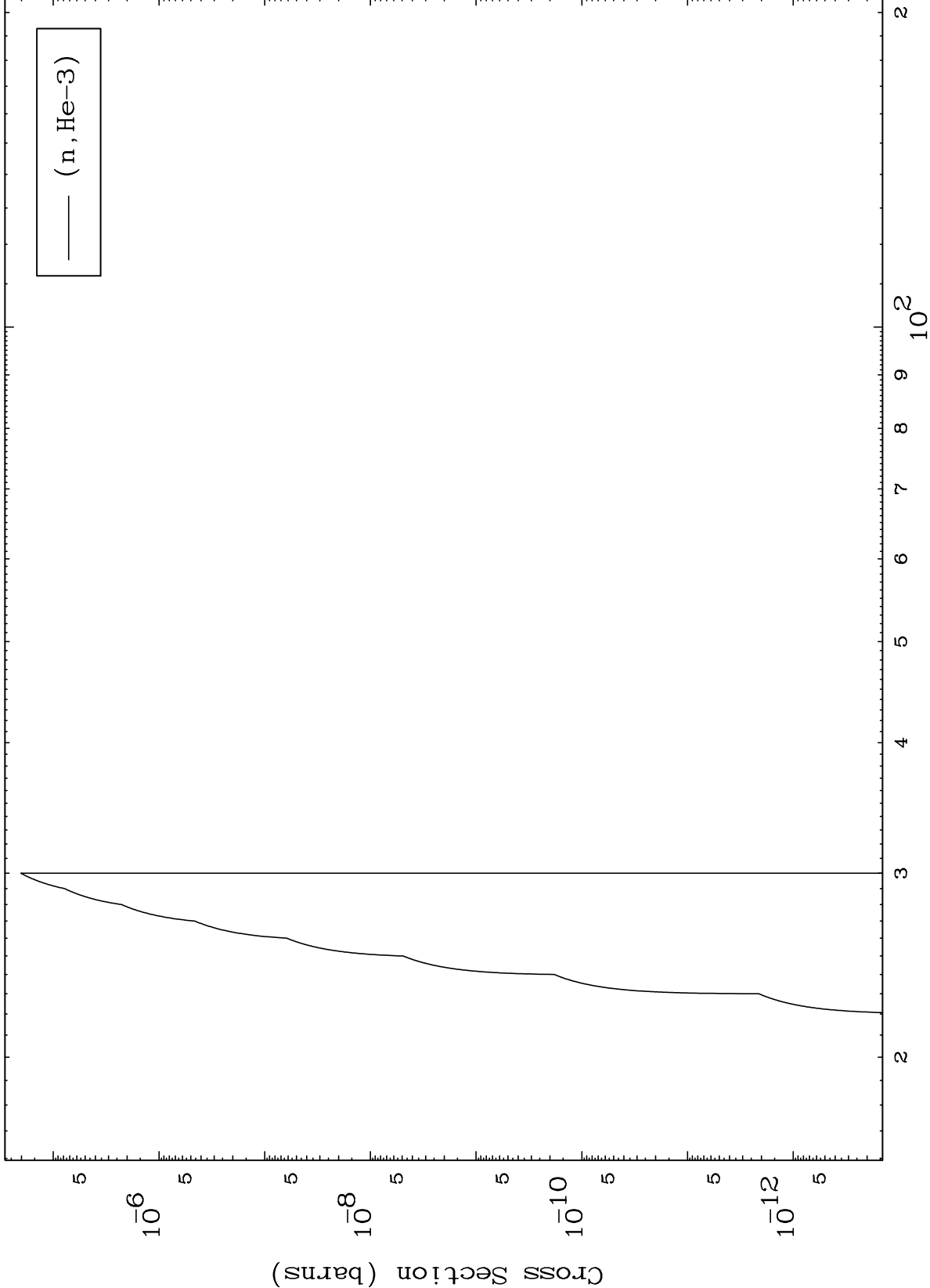
37-Rb-91



12

Incident Energy (MeV)

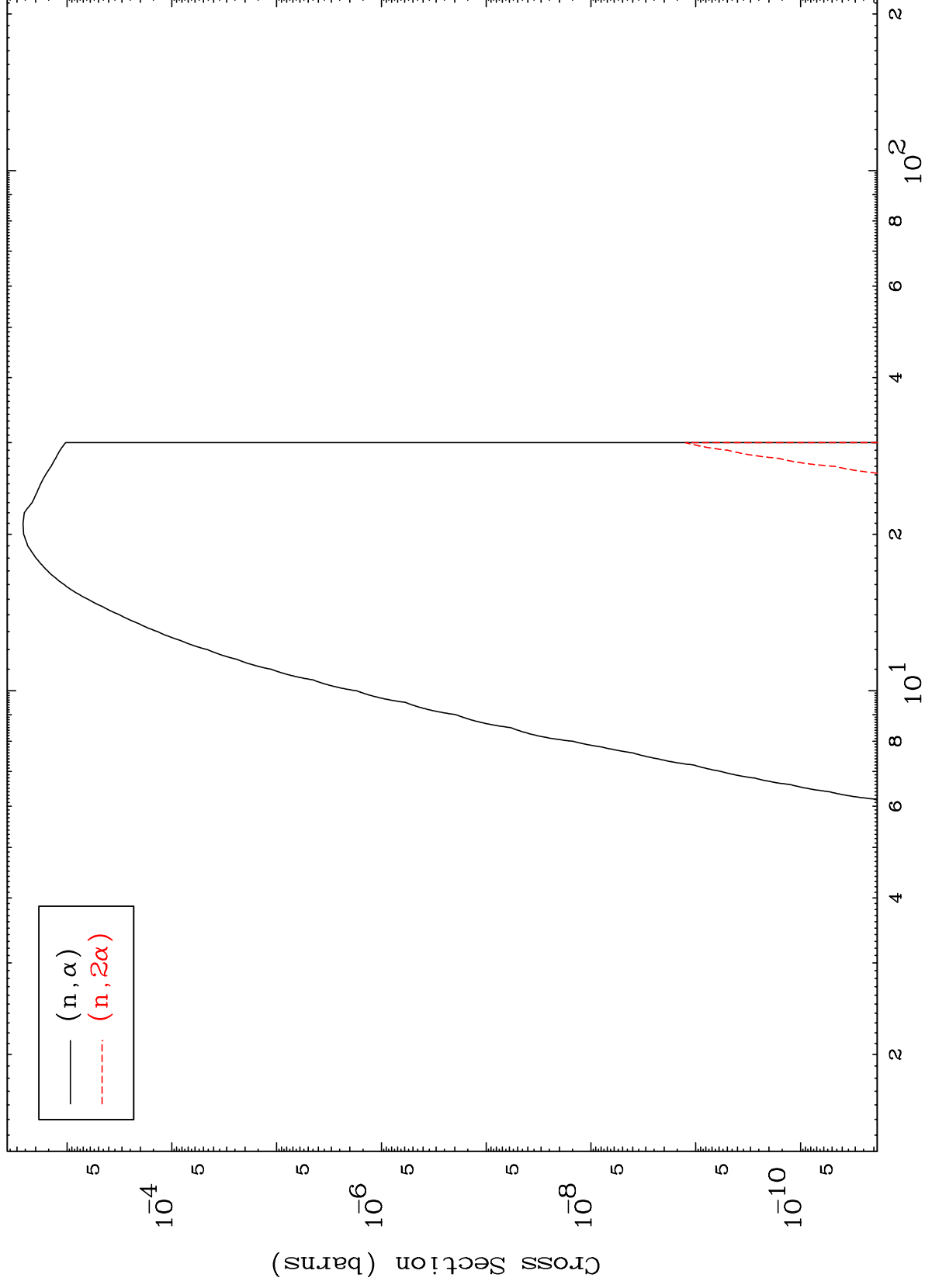
37-Rb-91



MAT 3743

37-Rb-91

(n, α) Levels
293 Kelvin Cross Sections



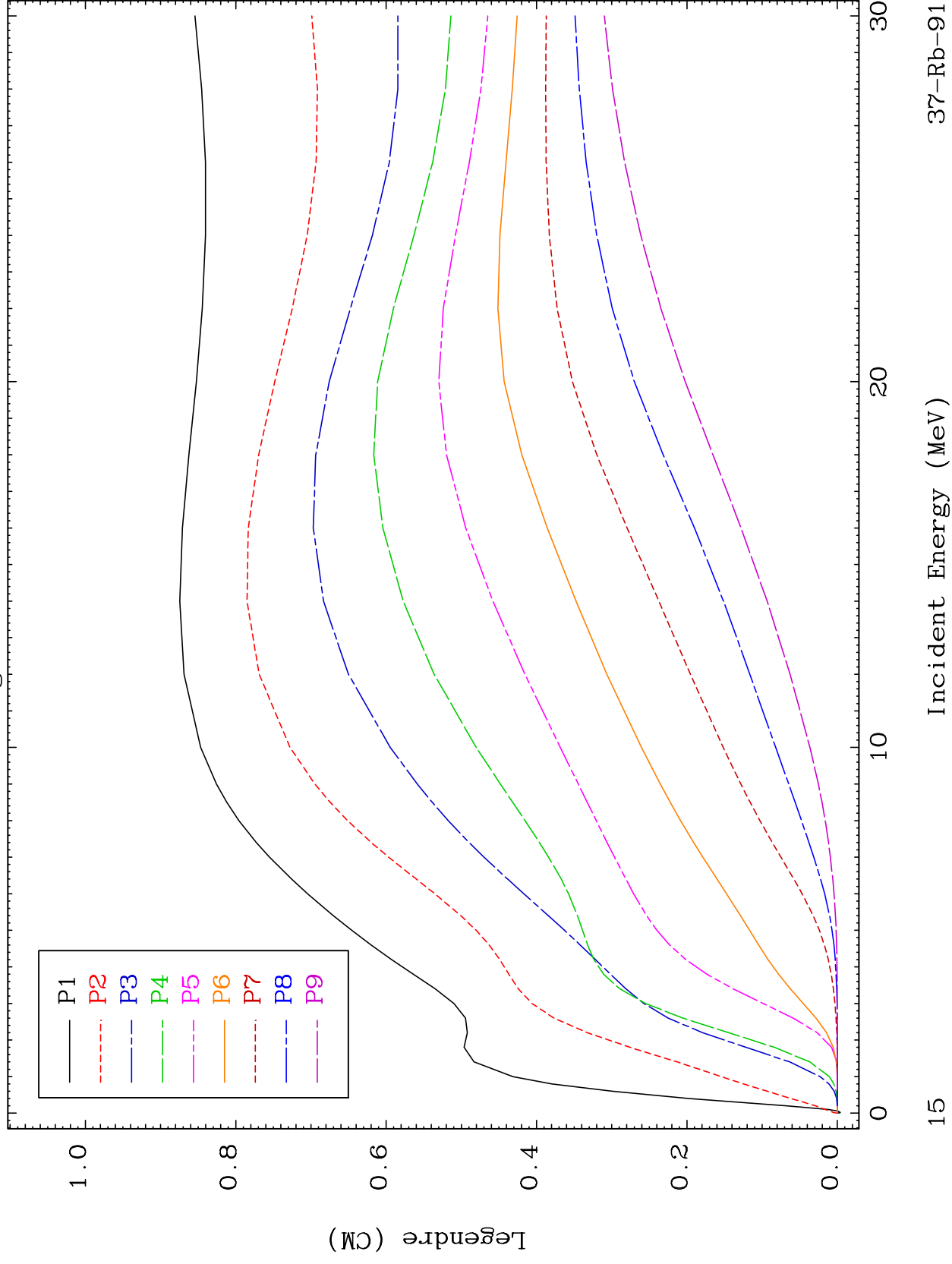
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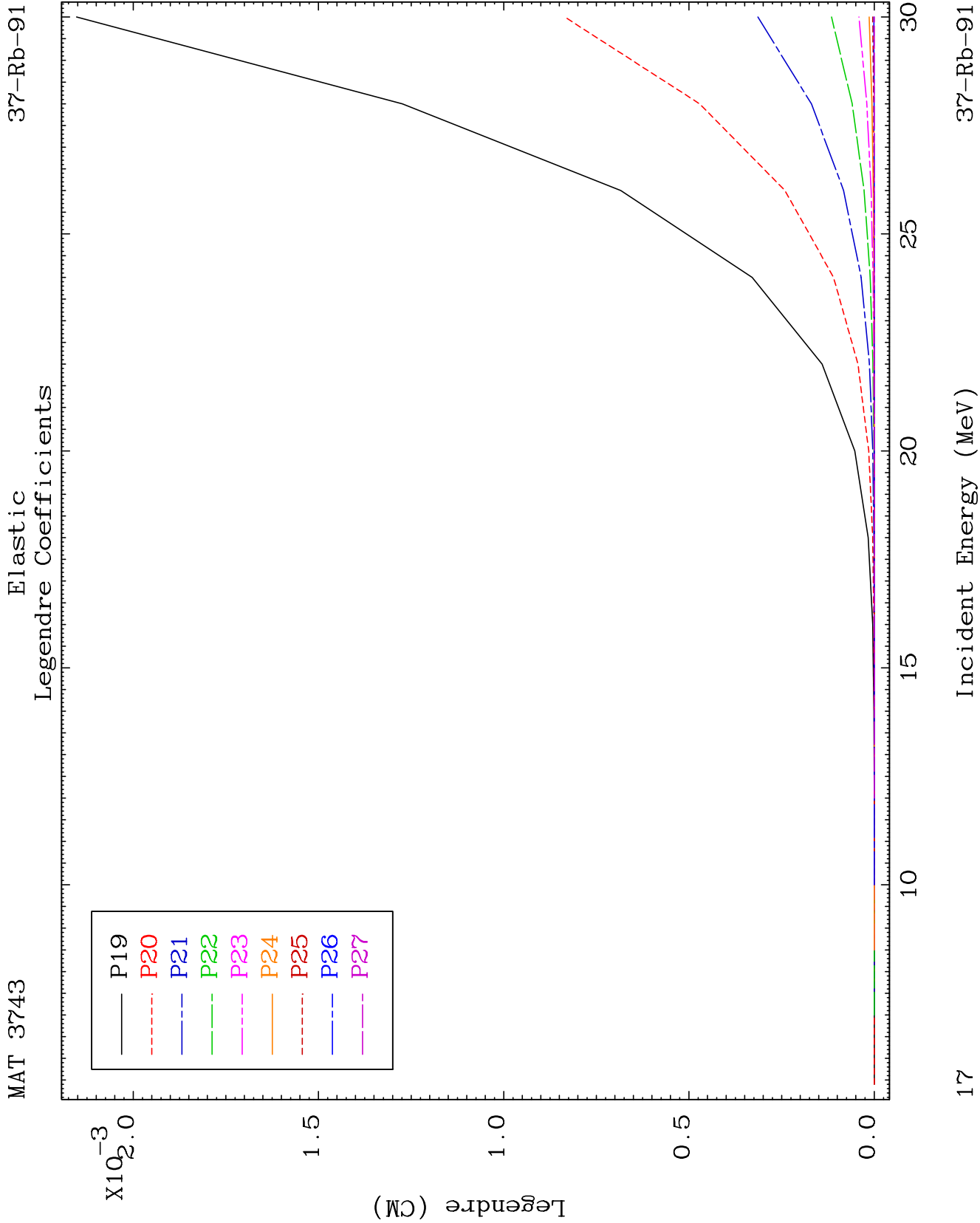
37-Rb-91

Incident Energy (MeV)

37-Rb-91

37-Rb-91





37-Rb-91

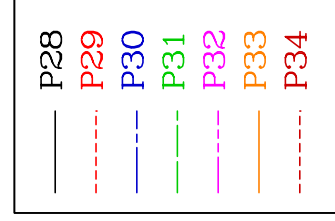
Elastic

$$\times 10^{-2}$$

Legendre (CM)

-1.0

1.5



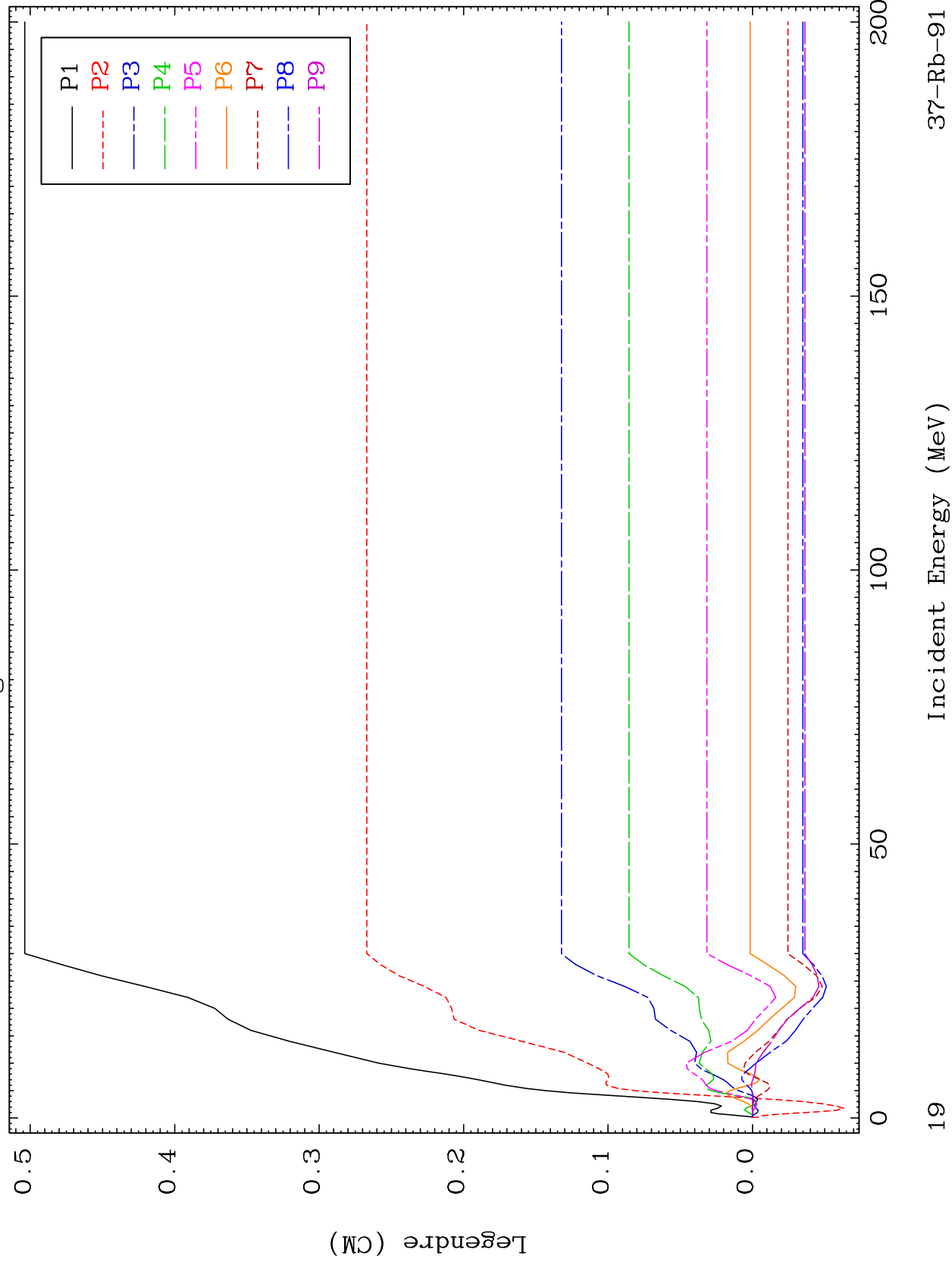
37-Rb-91

Incident Energy (MeV)

MAT 3743

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

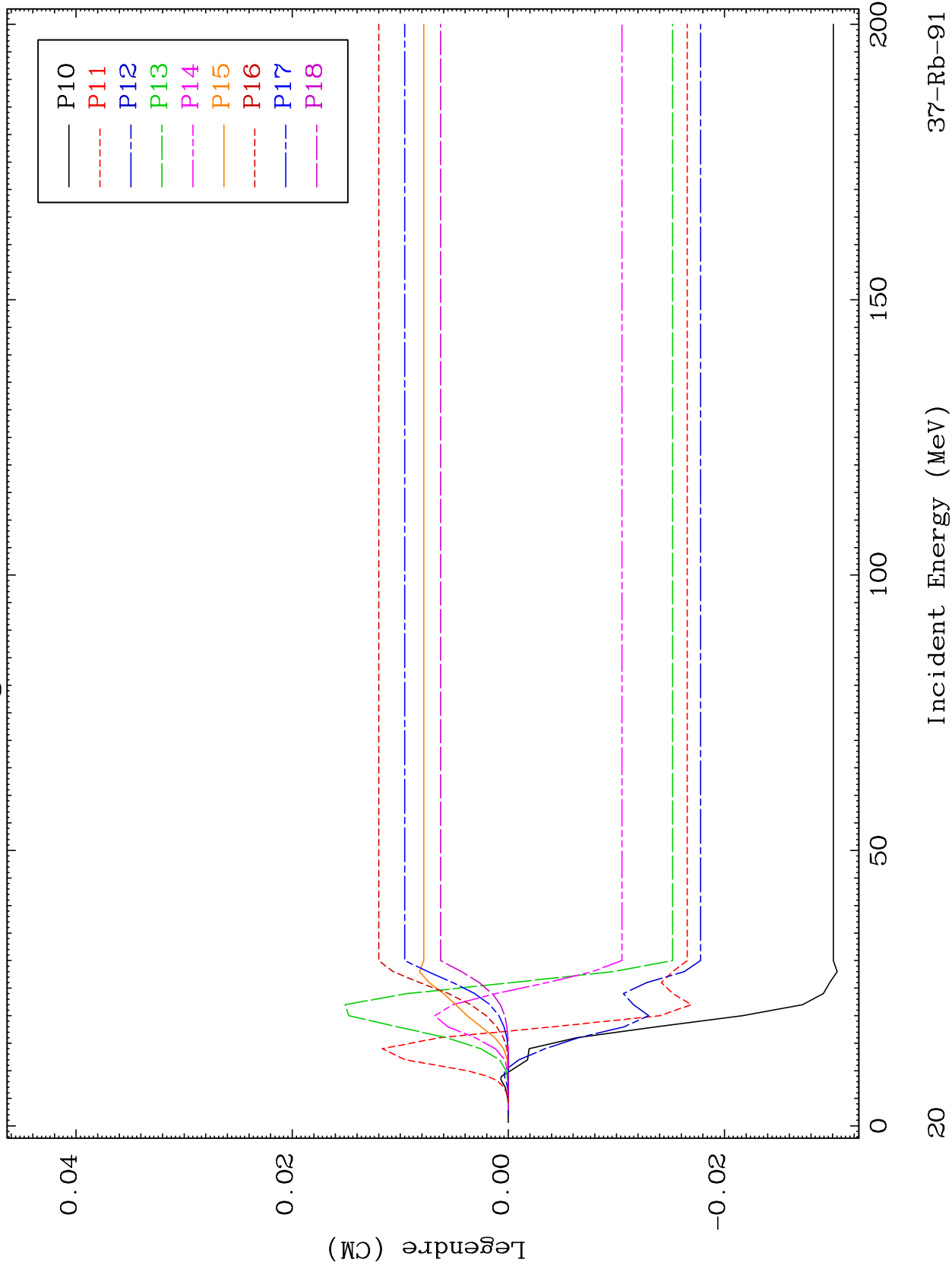
37-Rb-91



MAT 3743

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

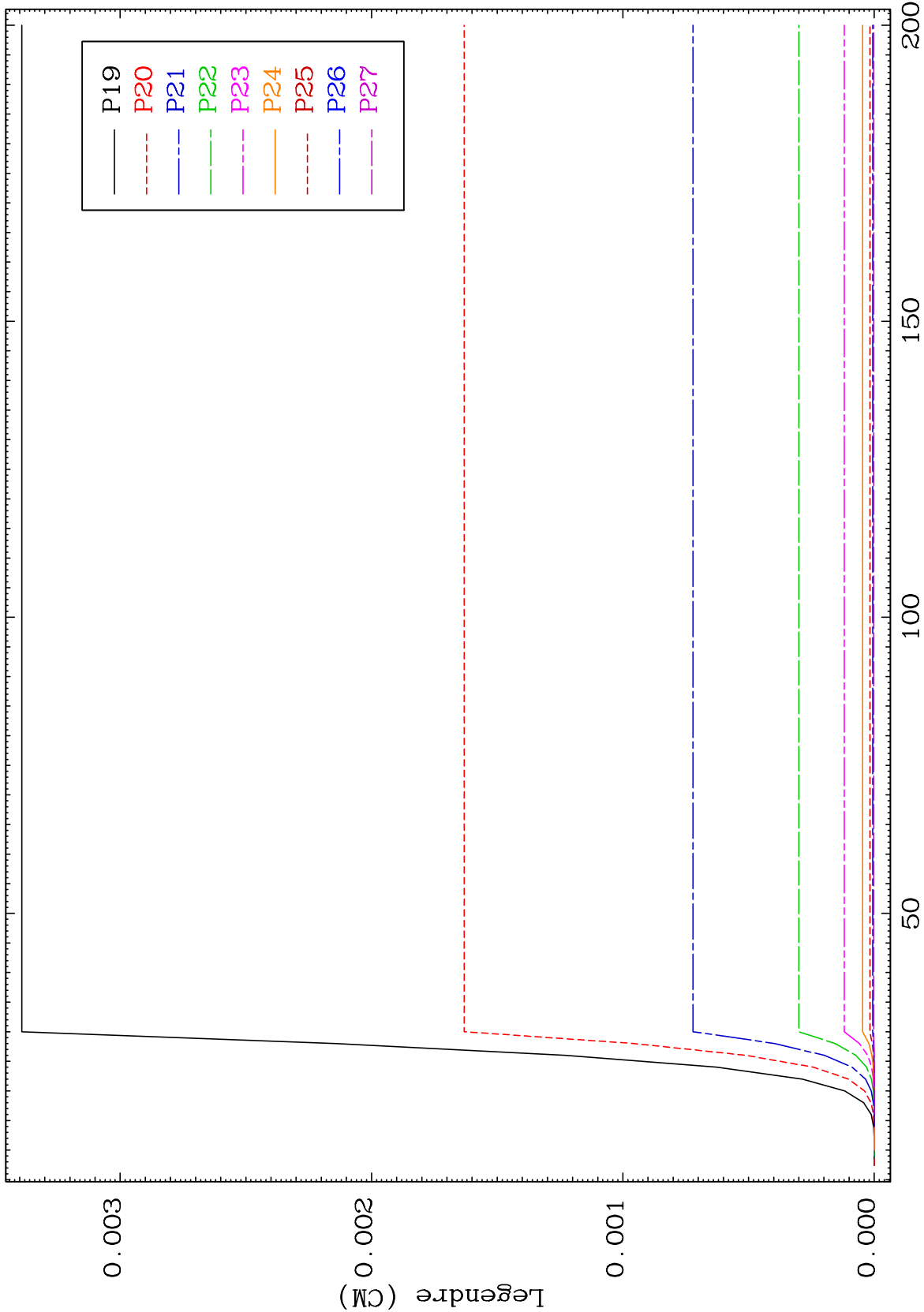
37-Rb-91



MAT 3743

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

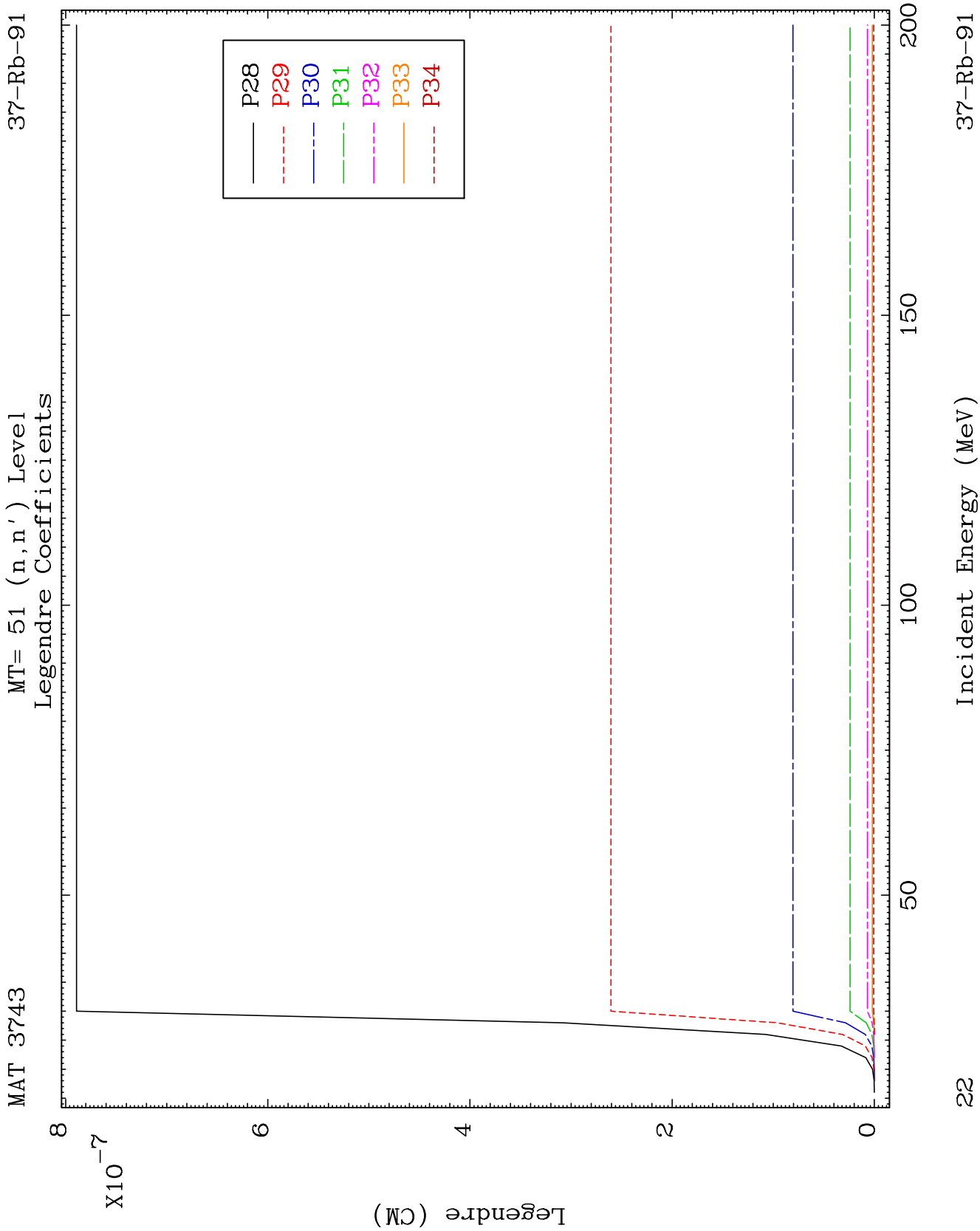
37-Rb-91



21

Incident Energy (MeV)

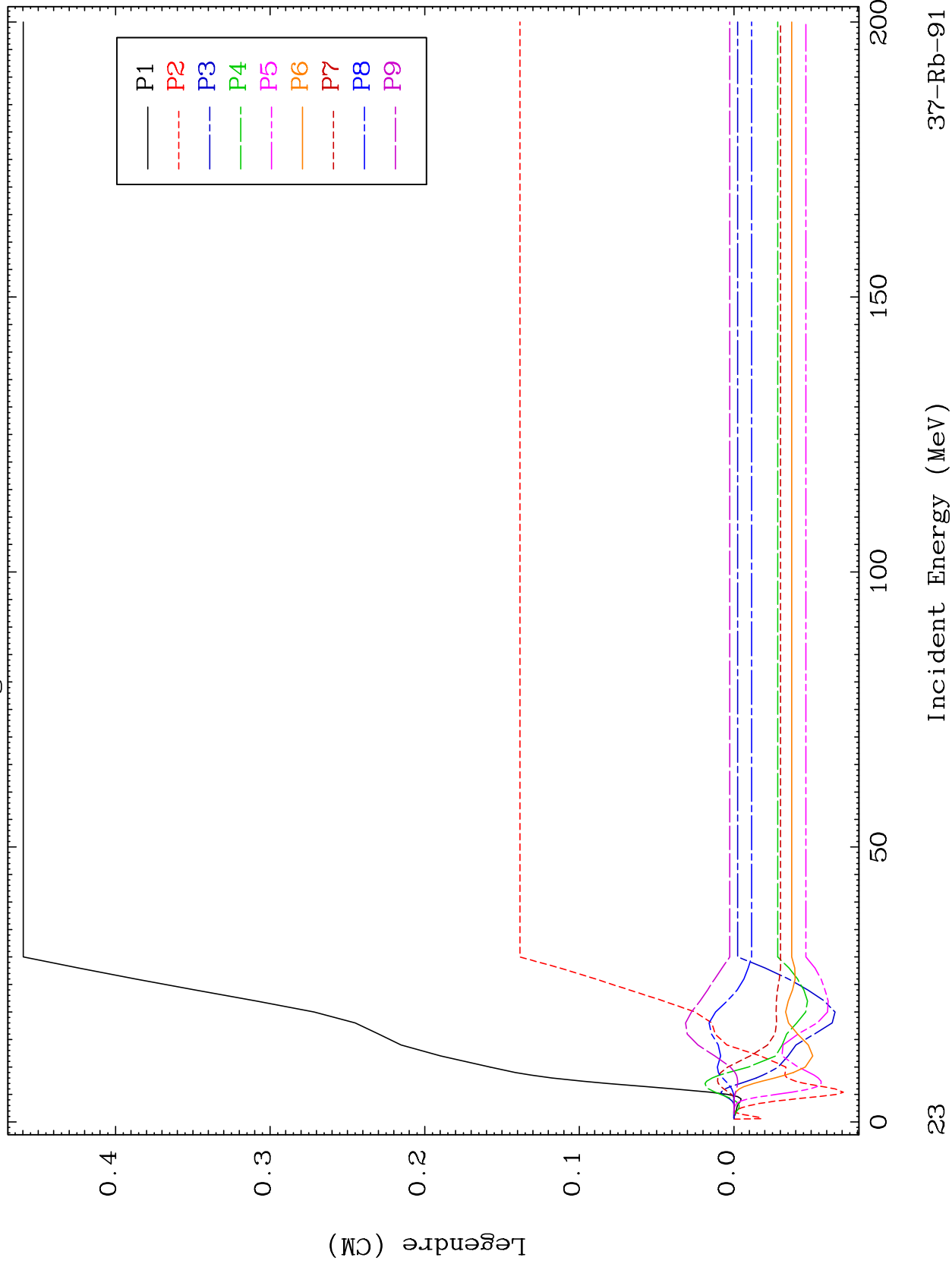
37-Rb-91

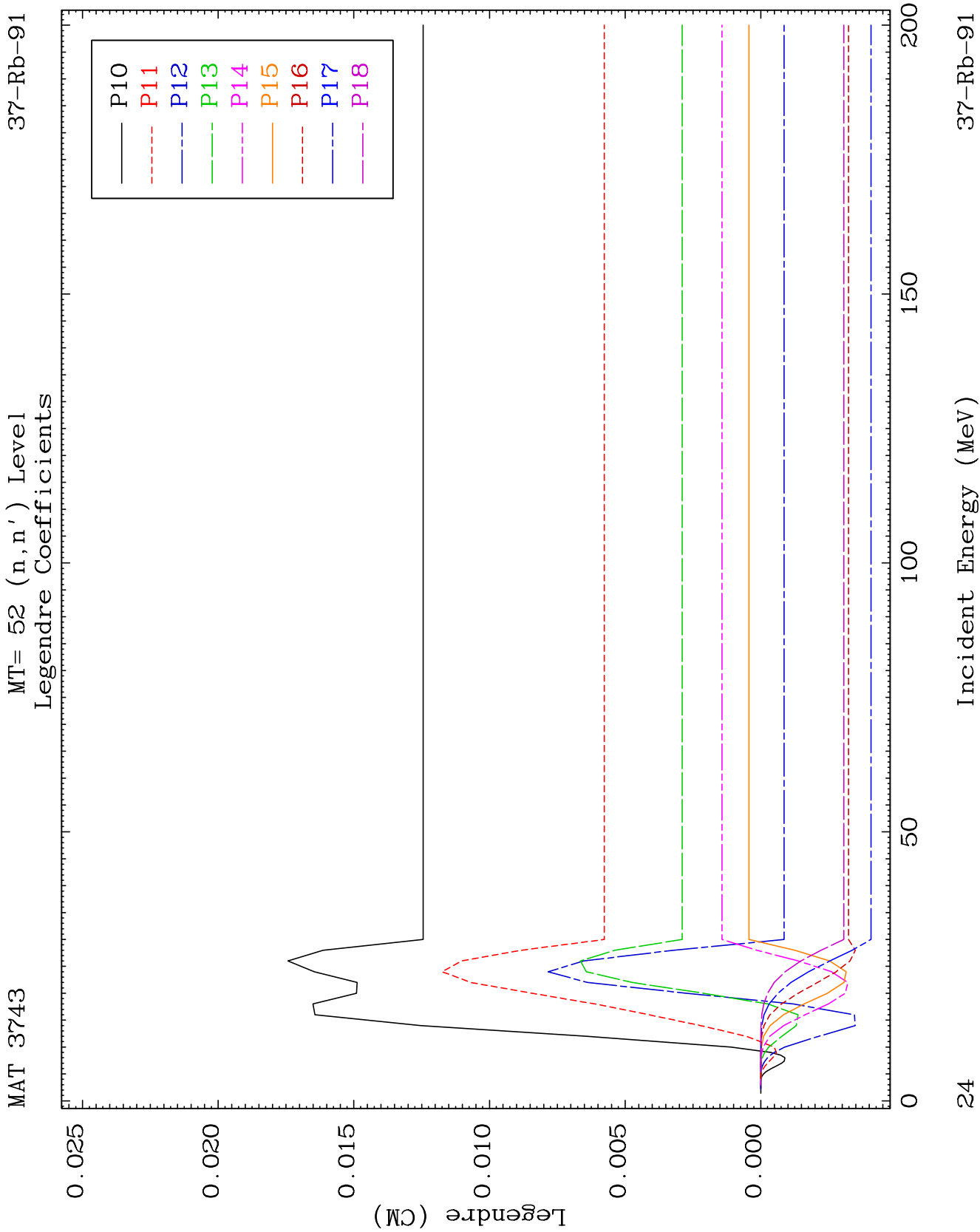


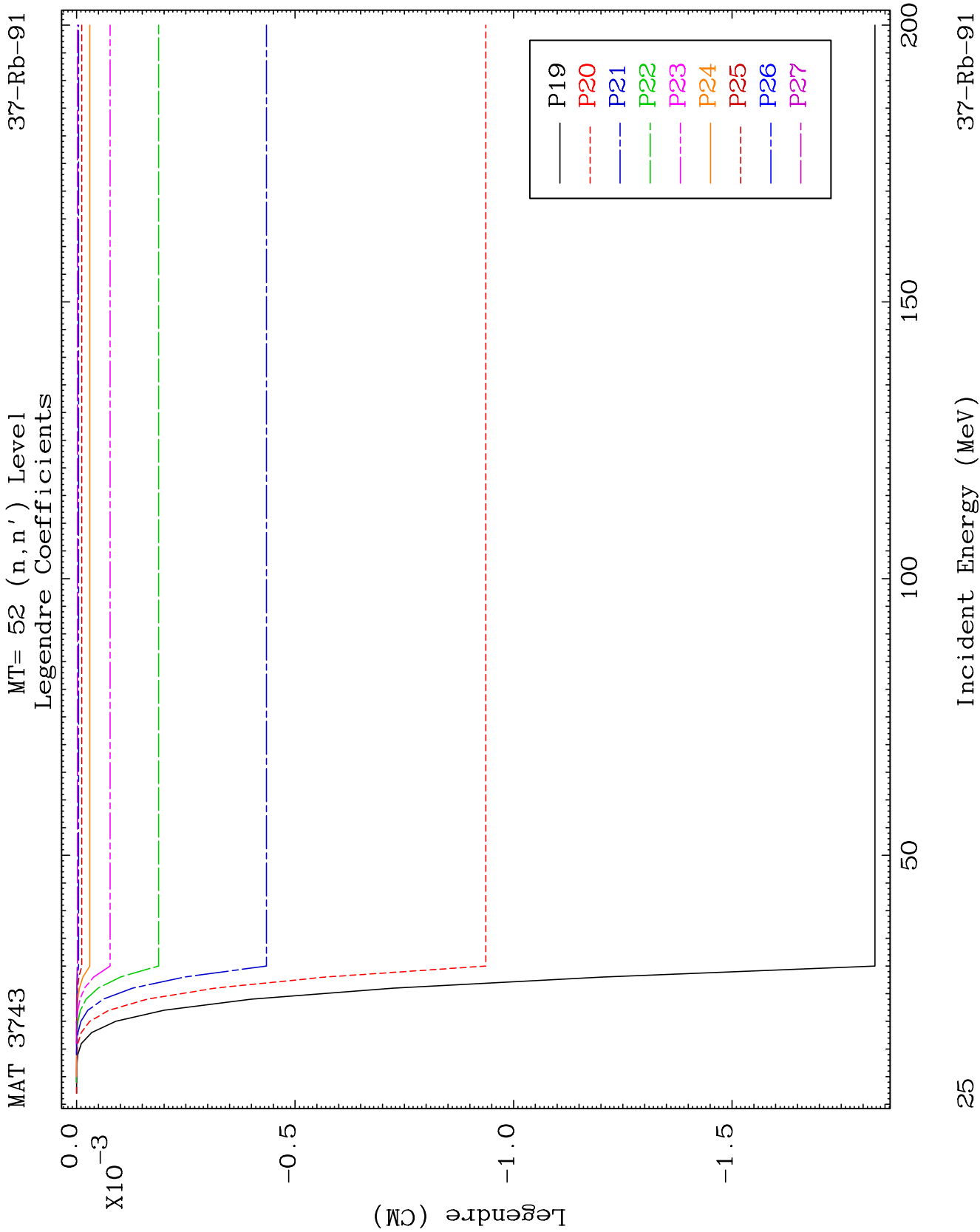
MAT 3743

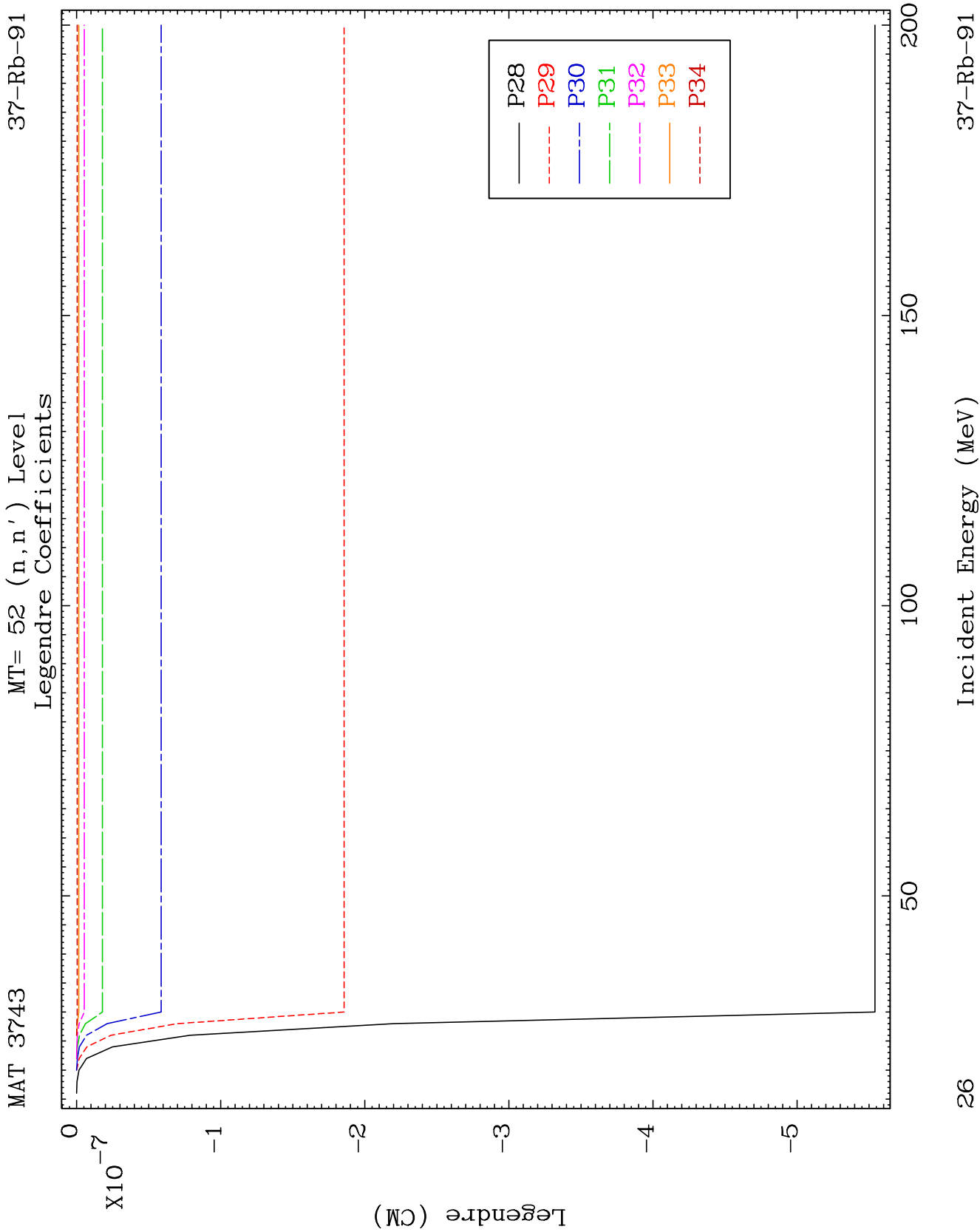
MT= 52 (n, n') Level
Legendre Coefficients

37-Rb-91





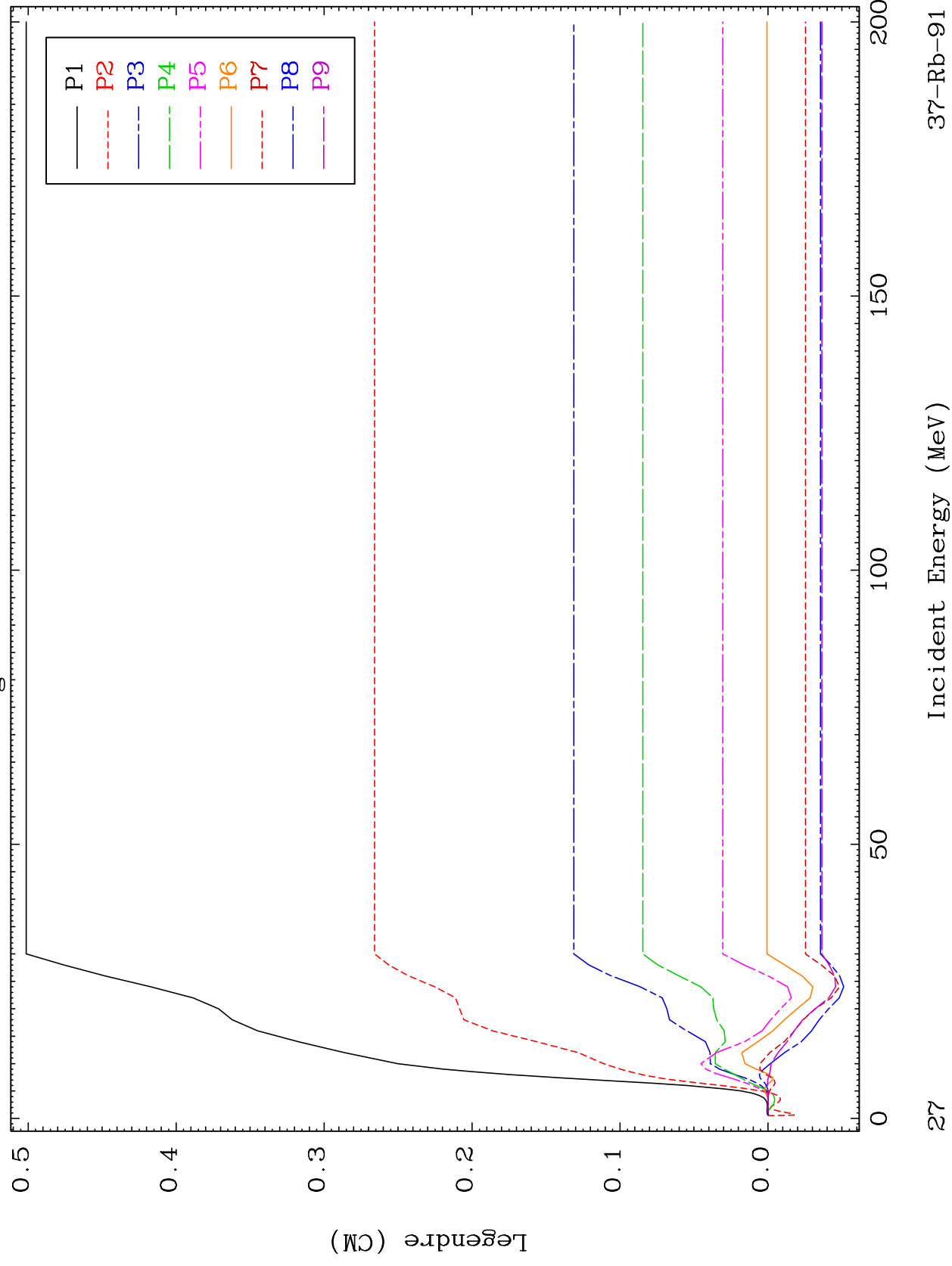




MAT 3743

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

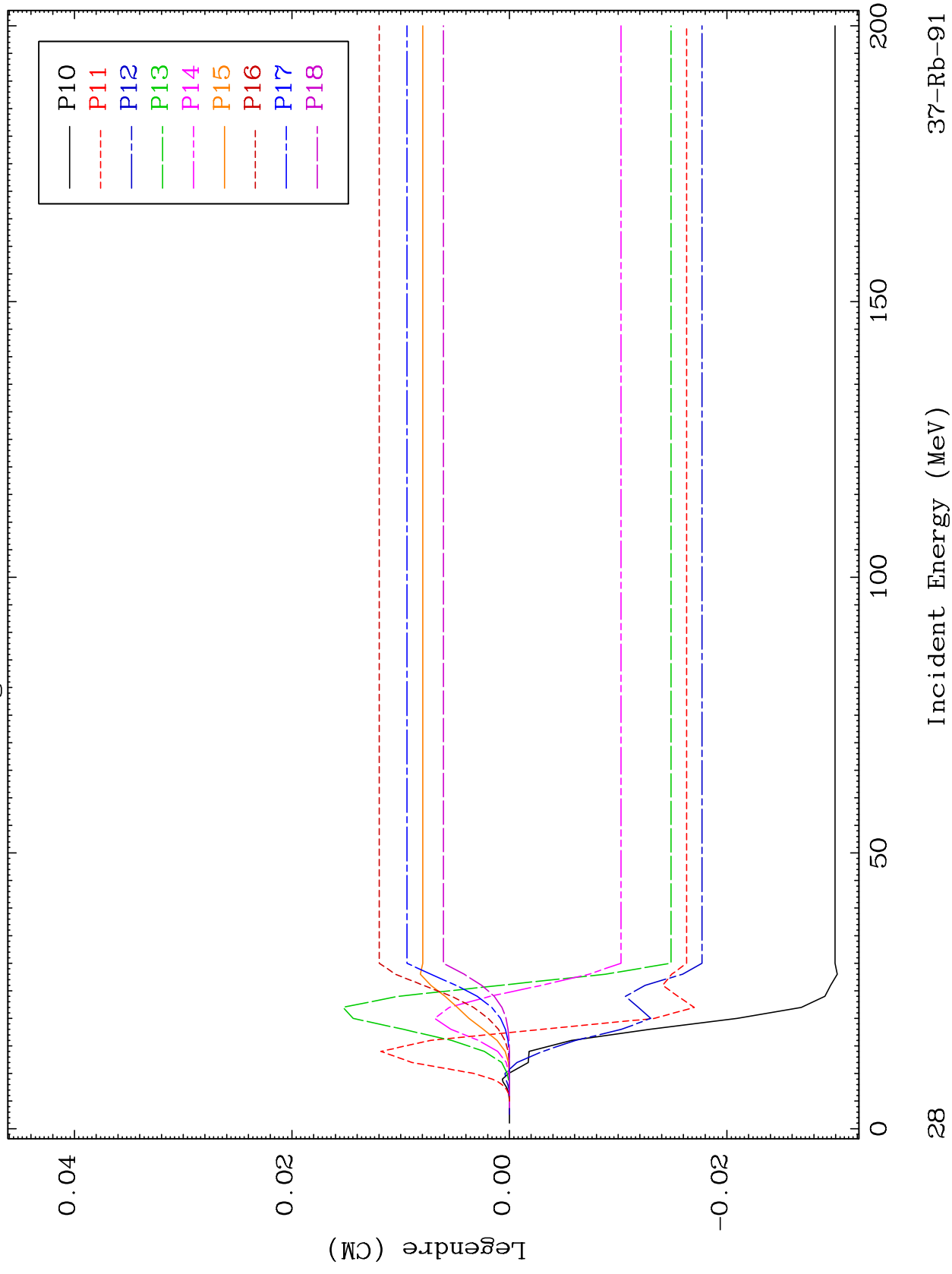
37-Rb-91

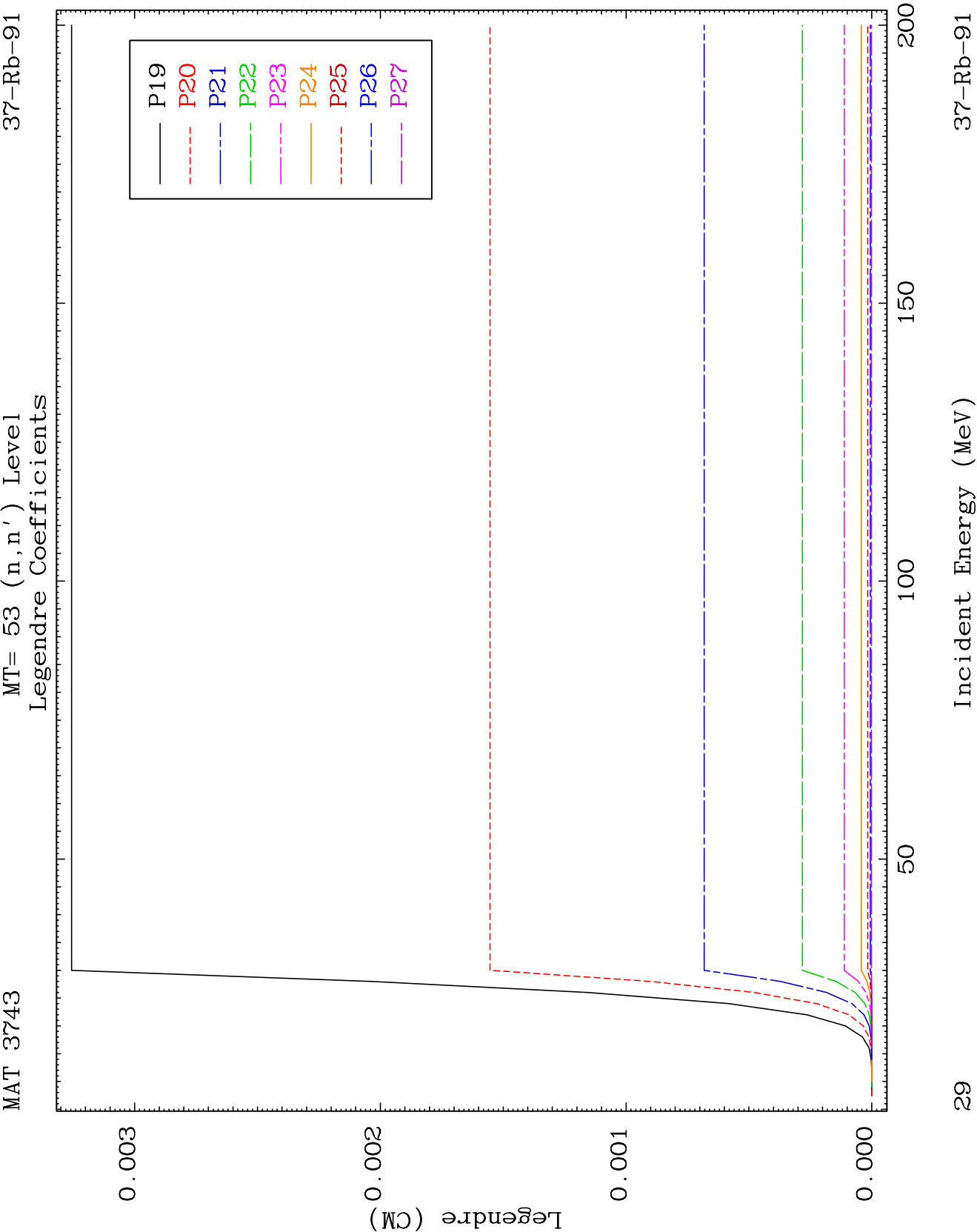


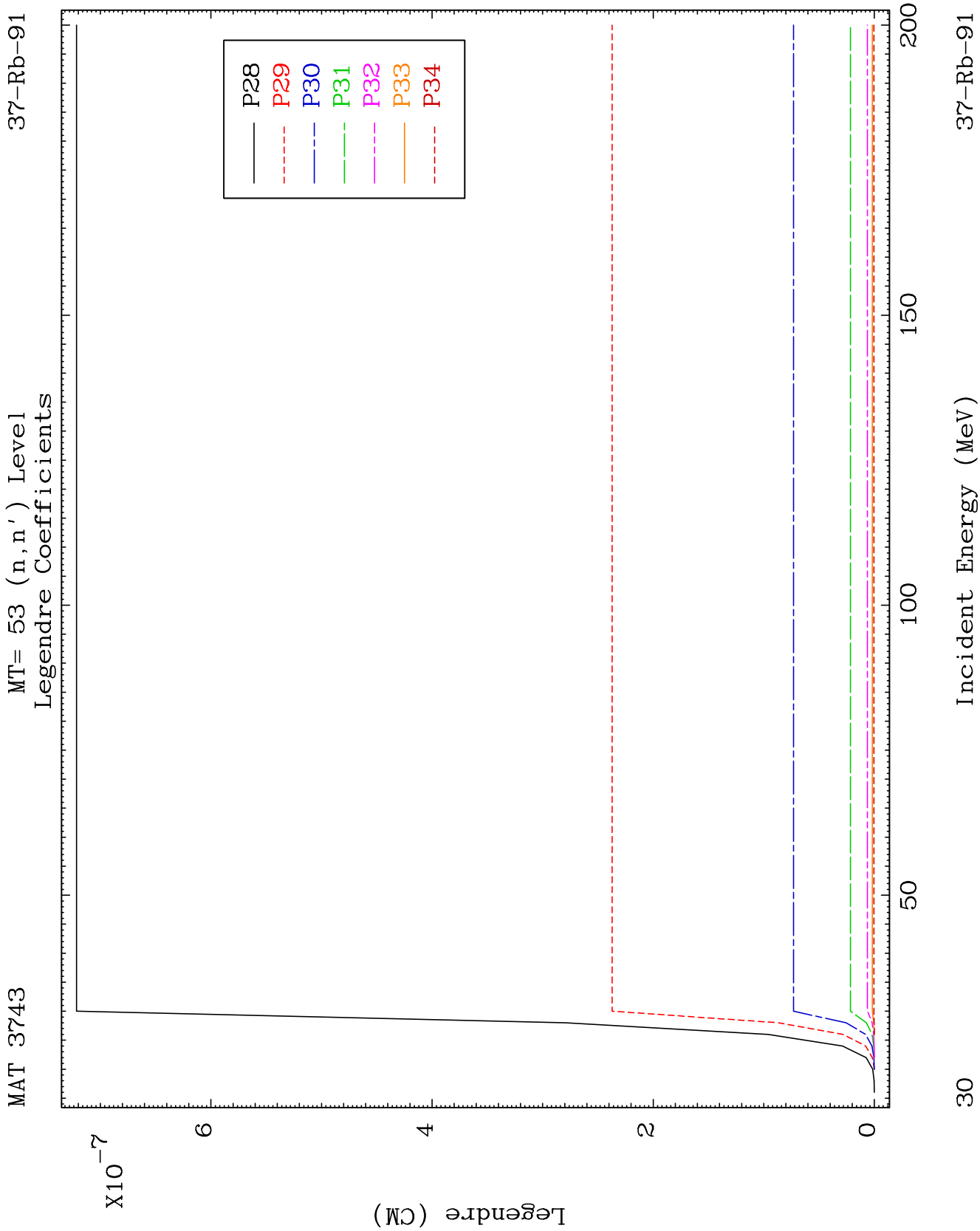
MAT 3743

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

37-Rb-91



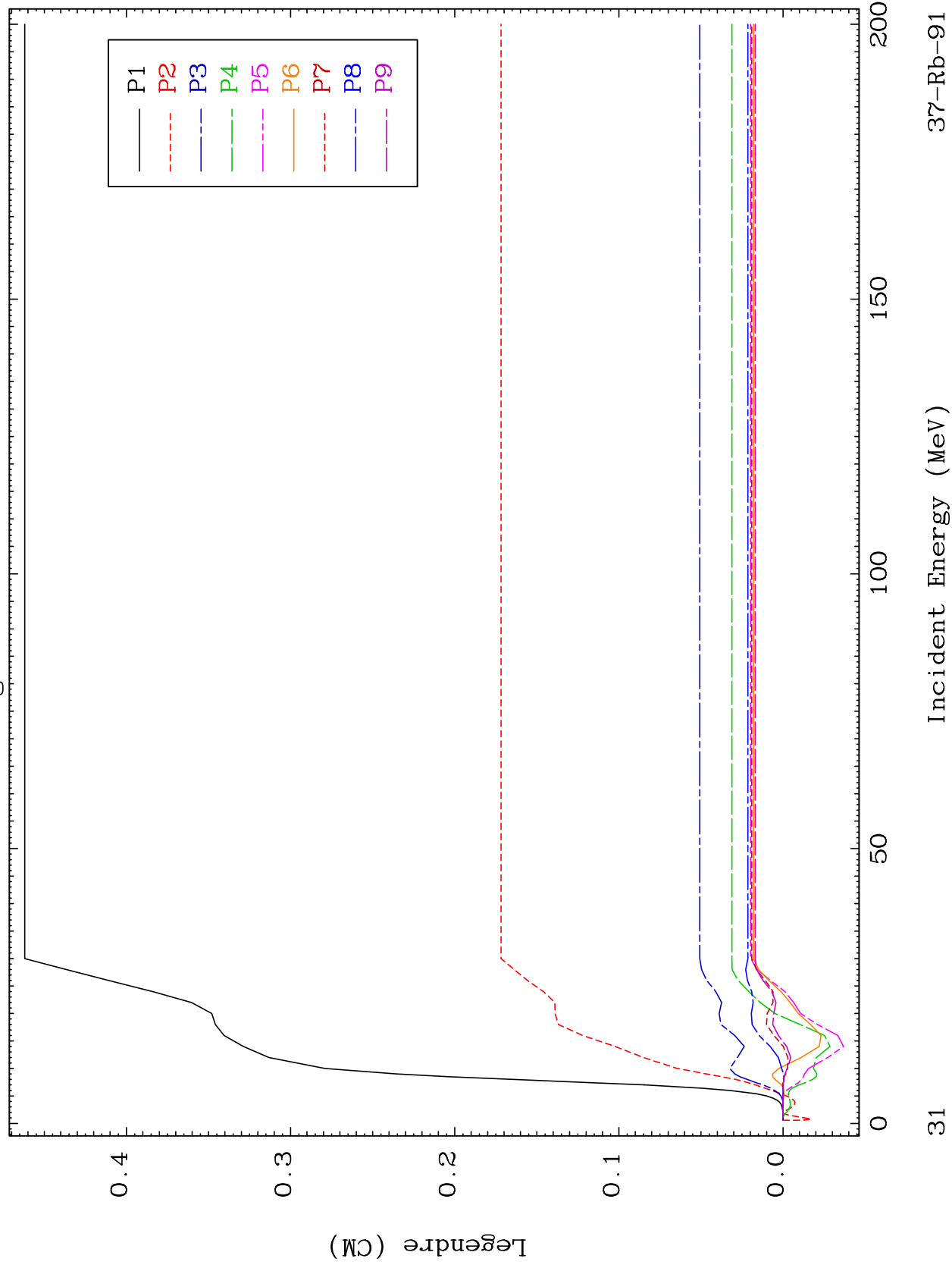


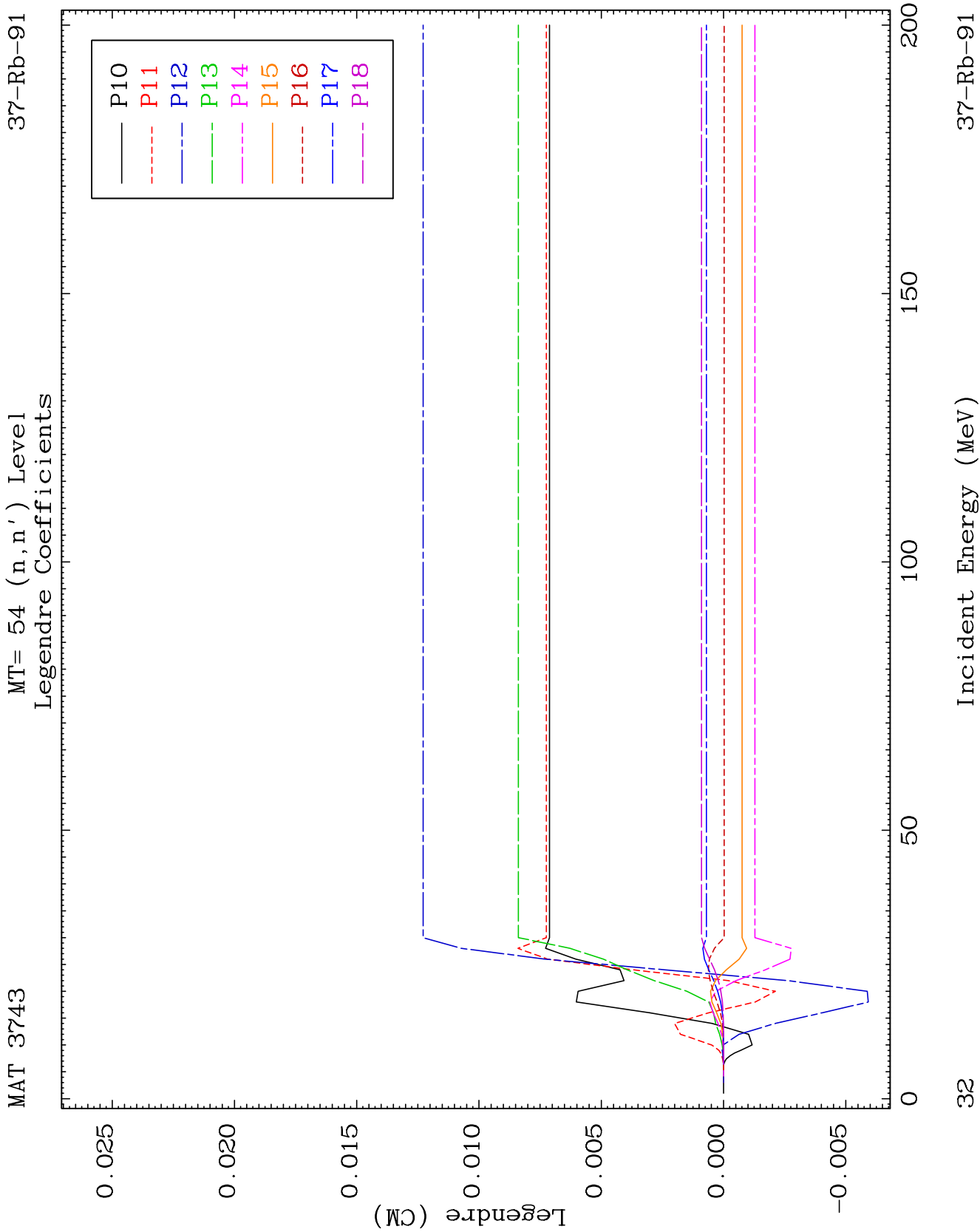


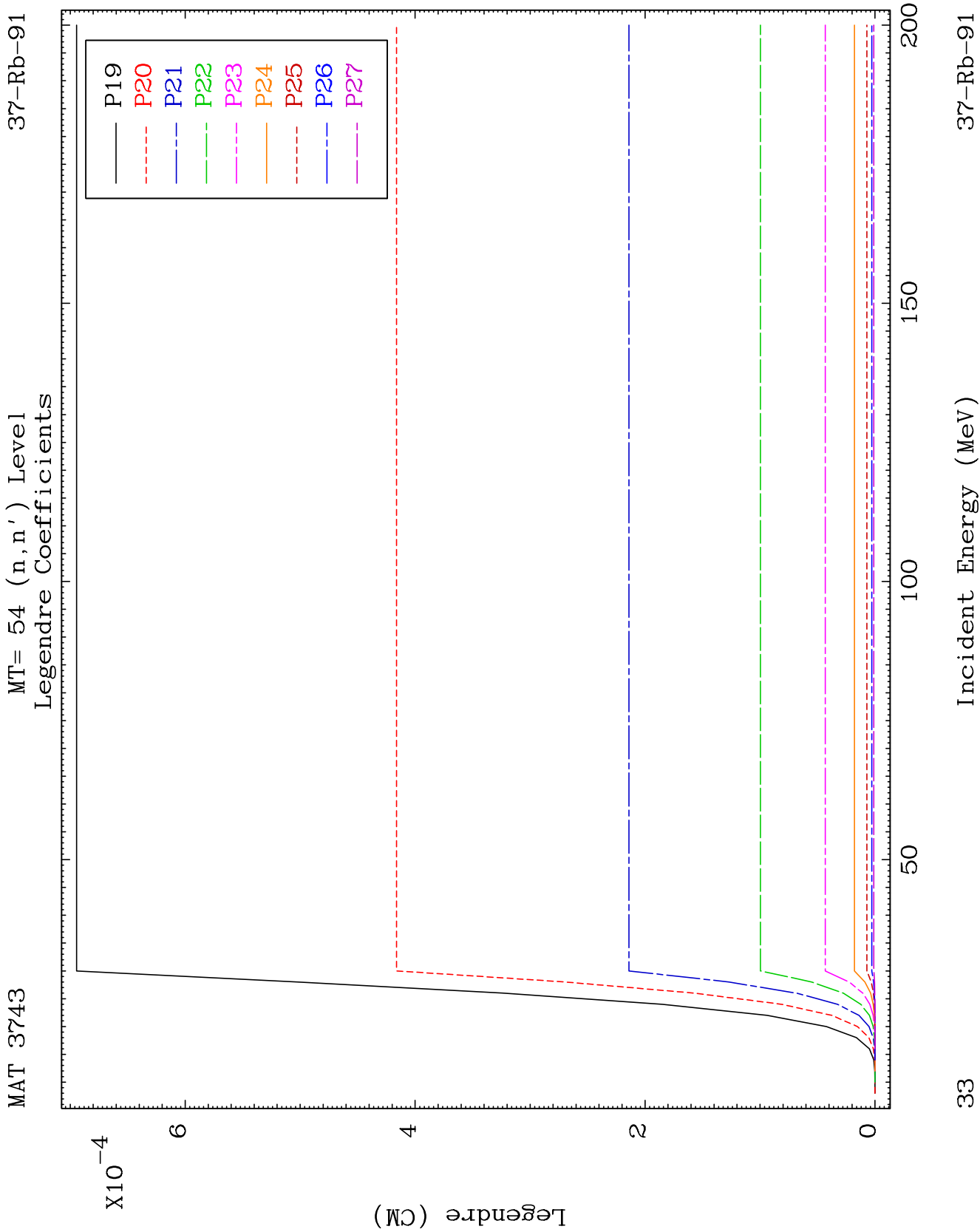
MAT 3743

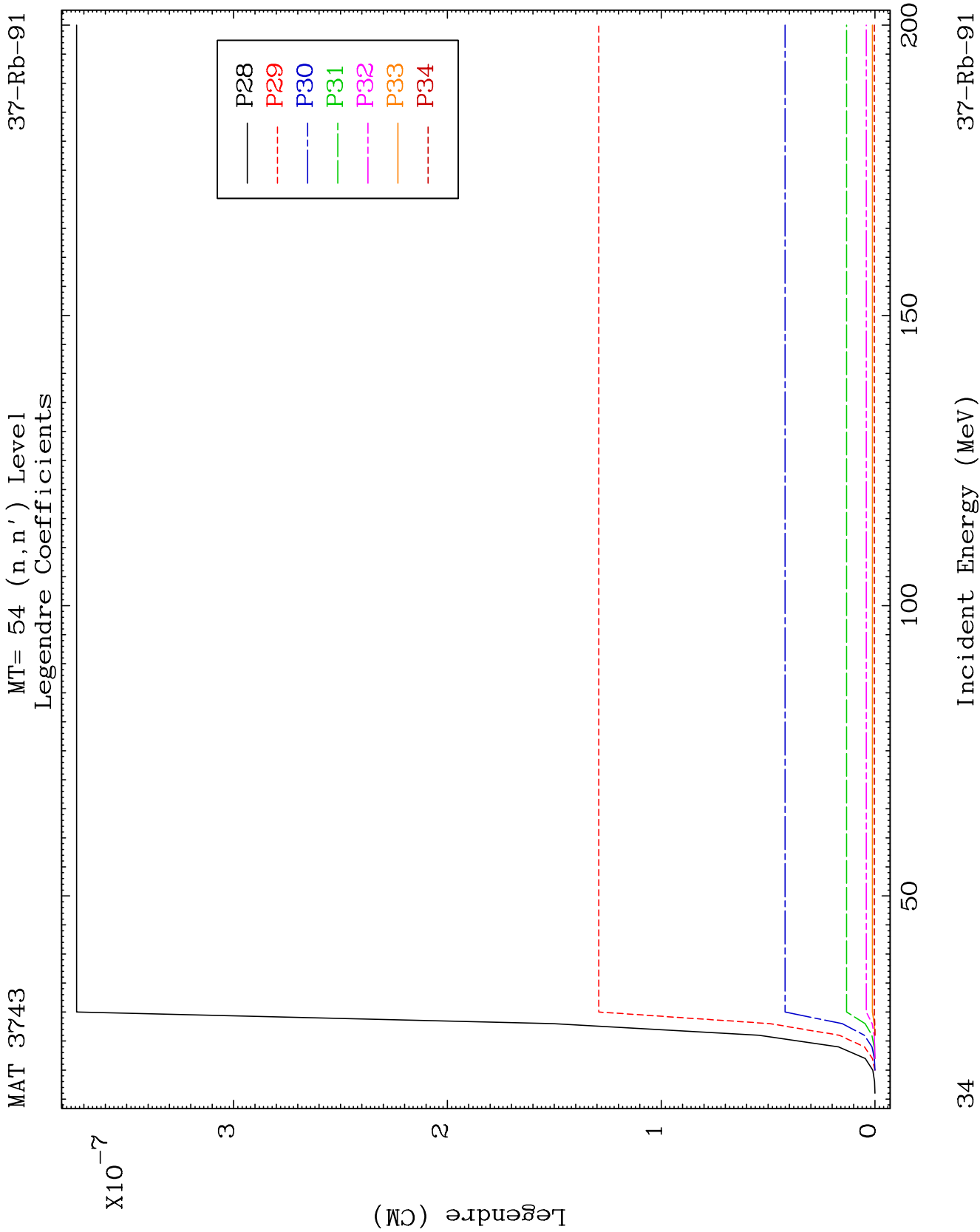
MT= 54 (n, n') Level
Legendre Coefficients

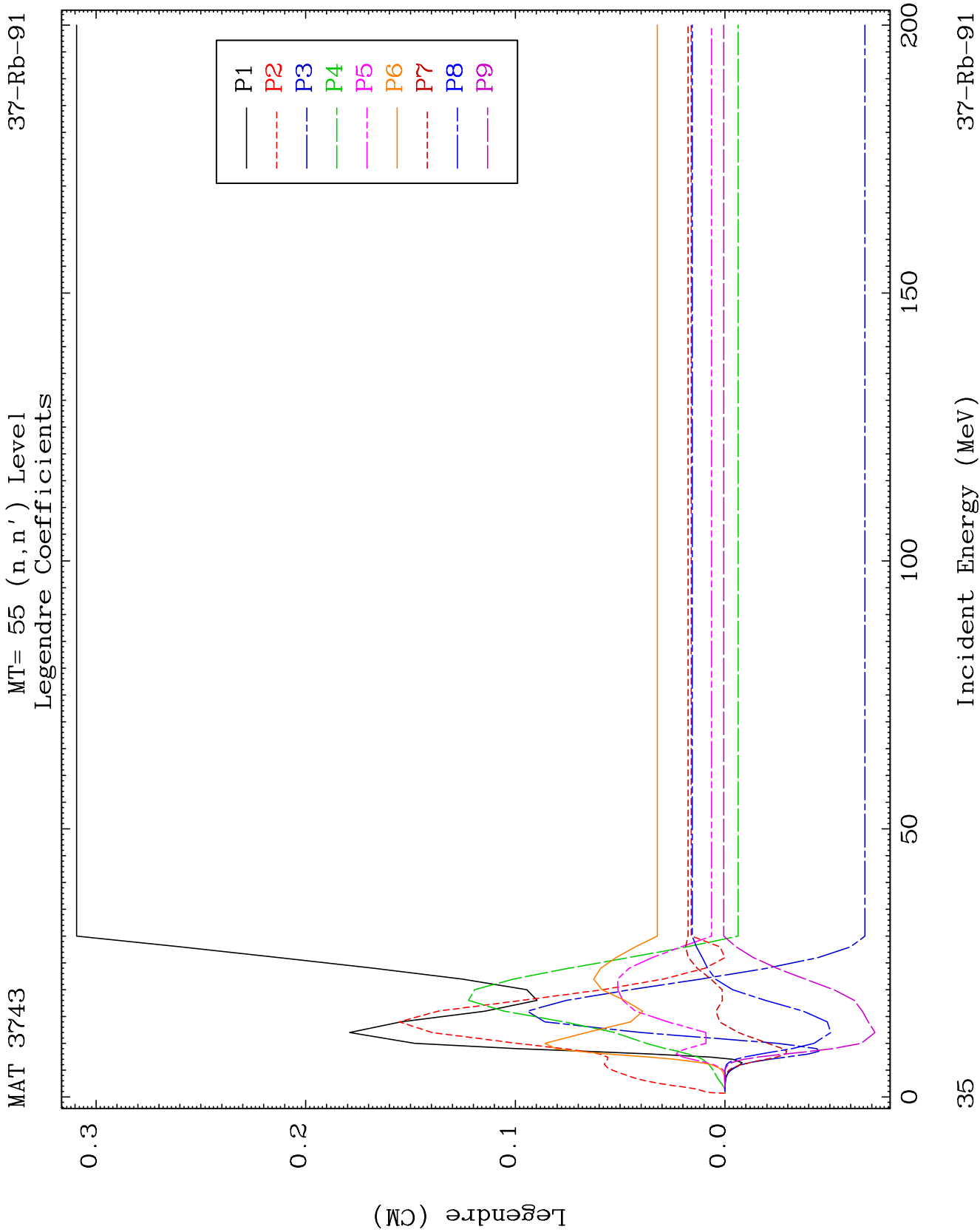
37-Rb-91

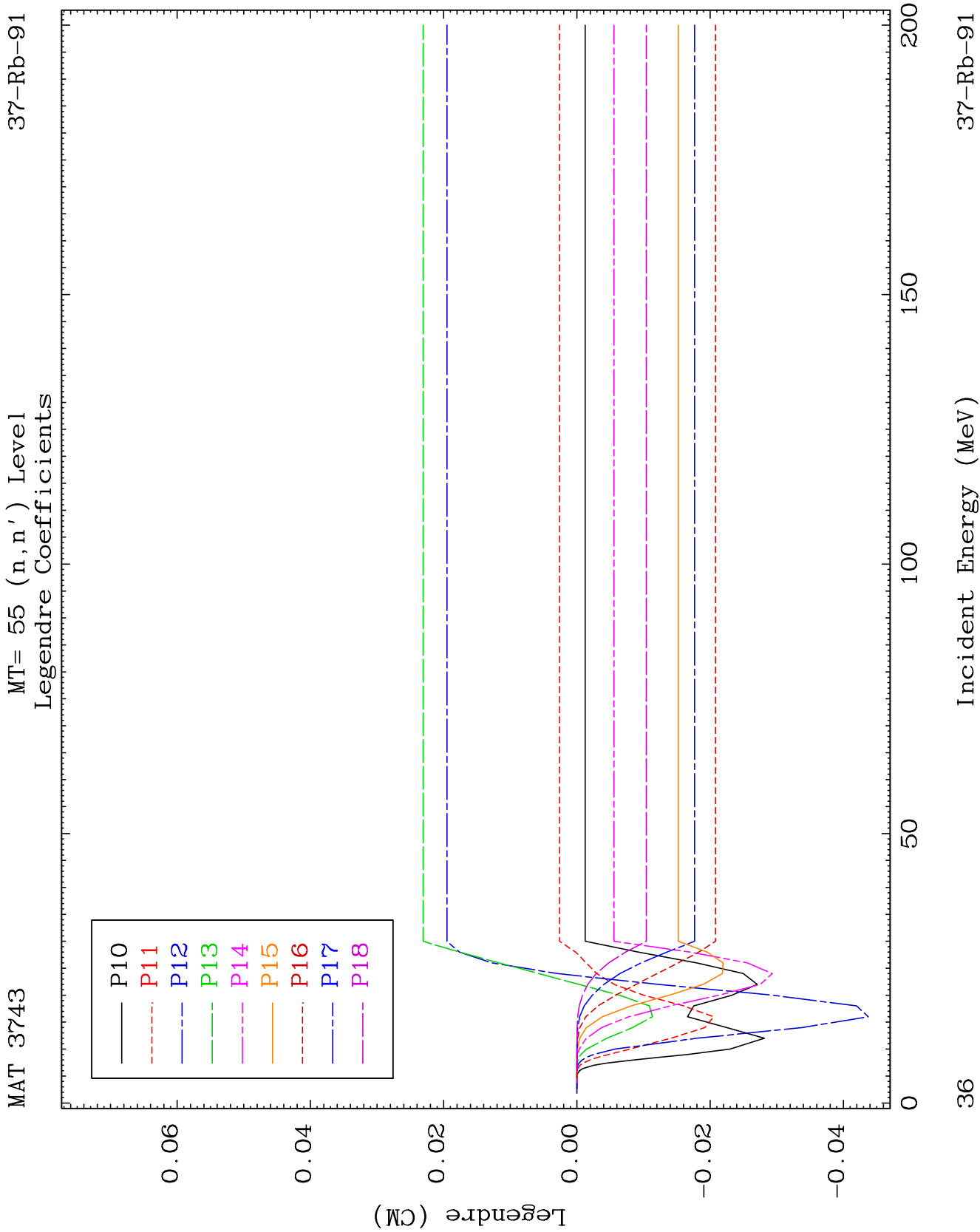


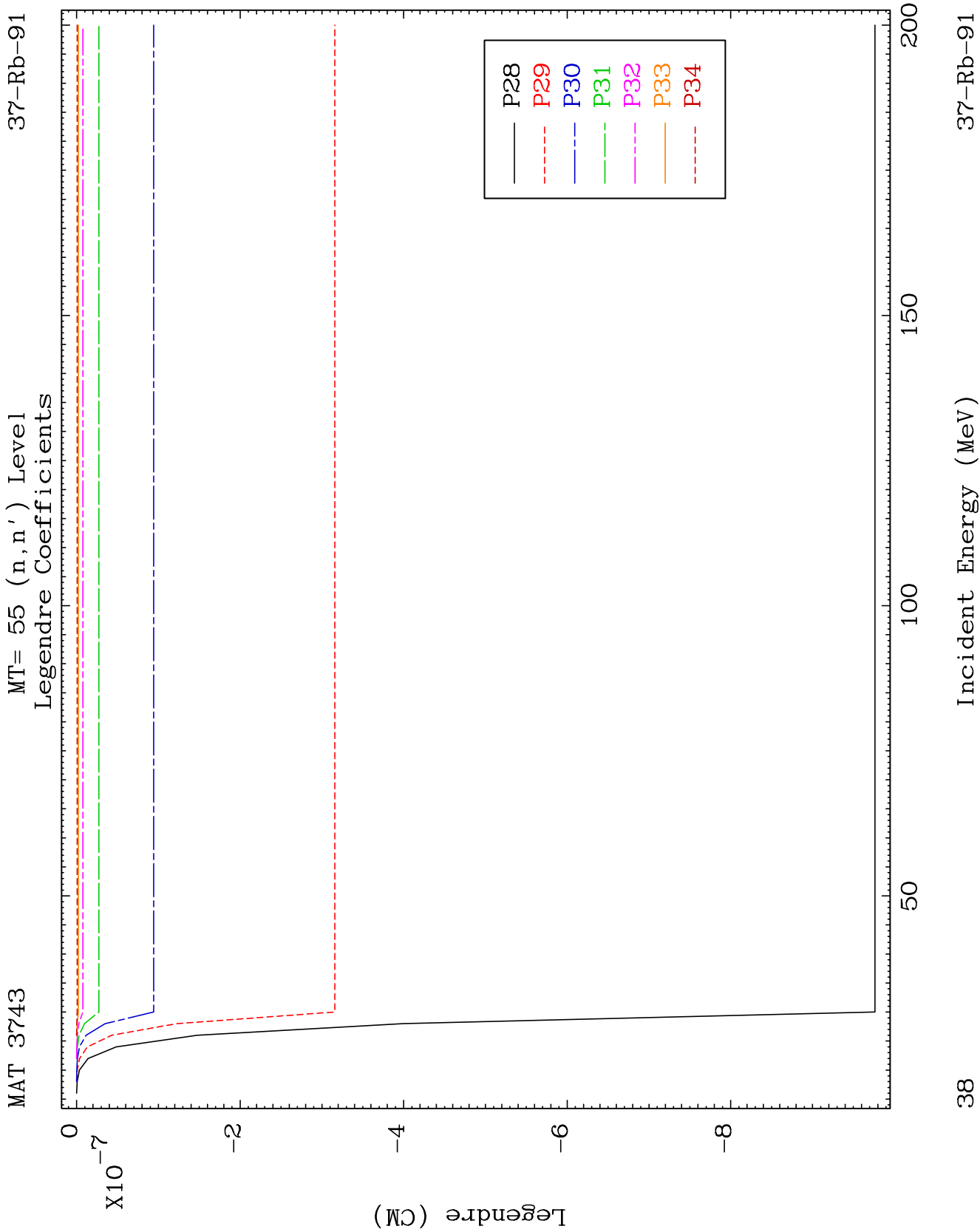








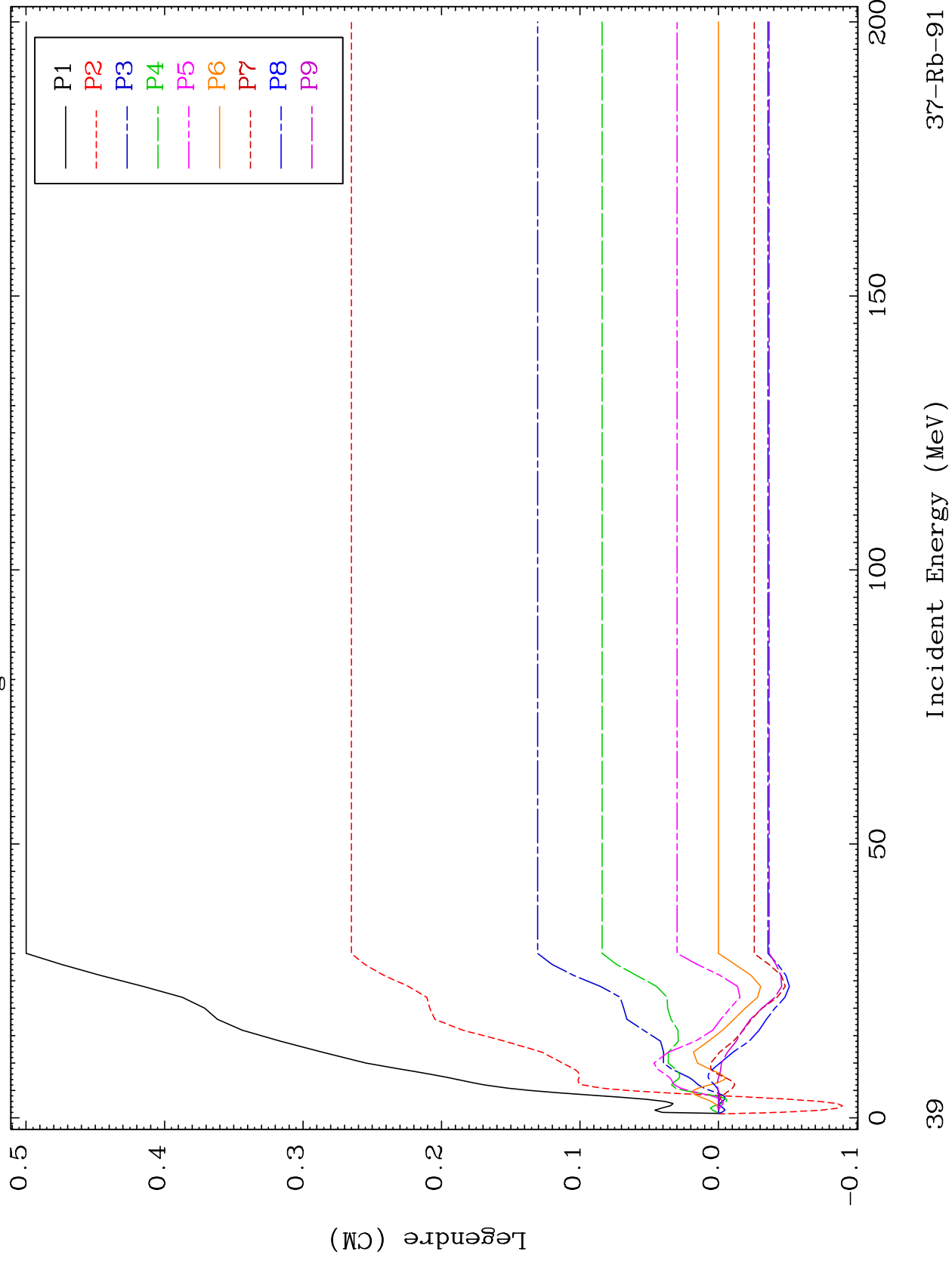


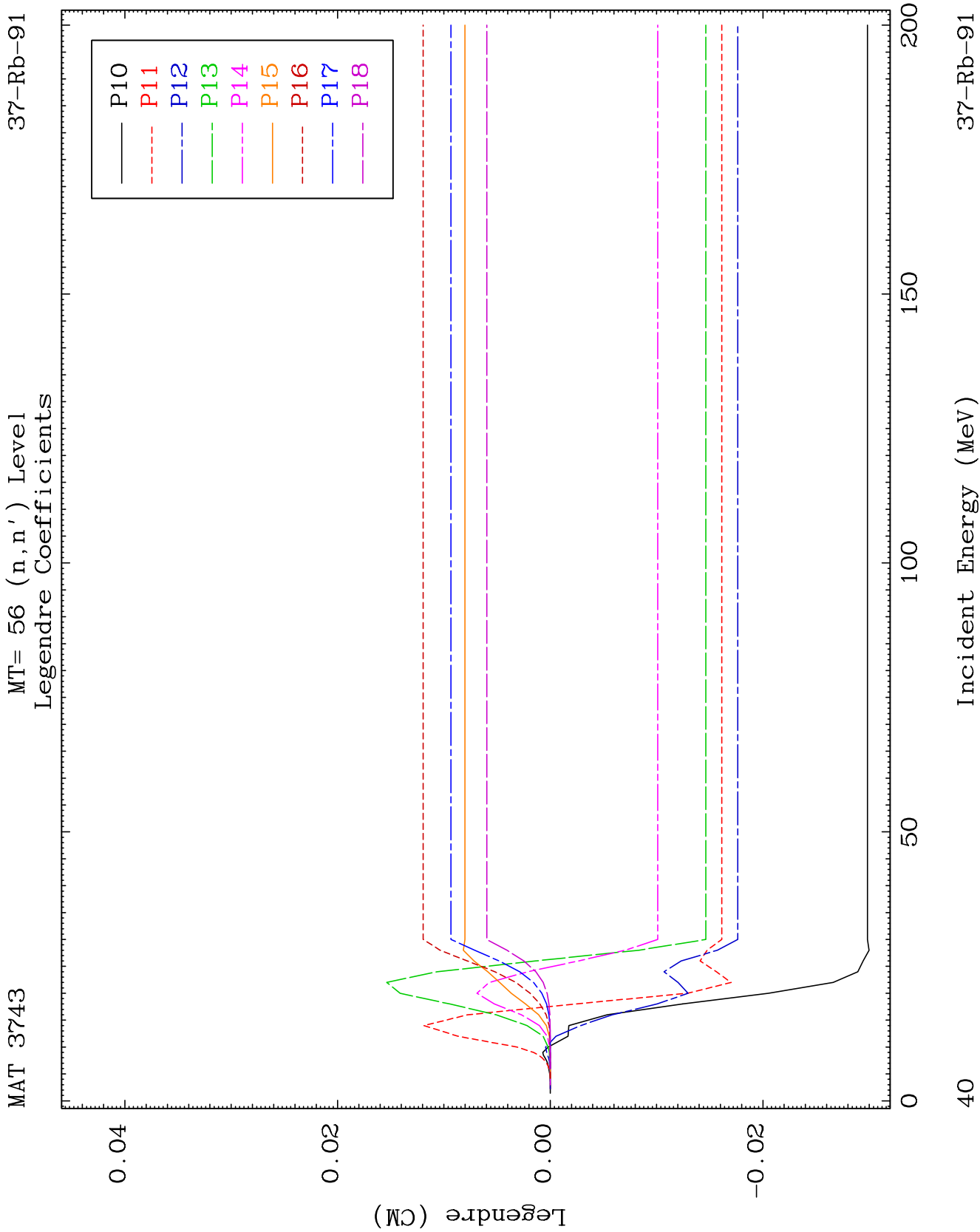


MAT 3743

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

37-Rb-91

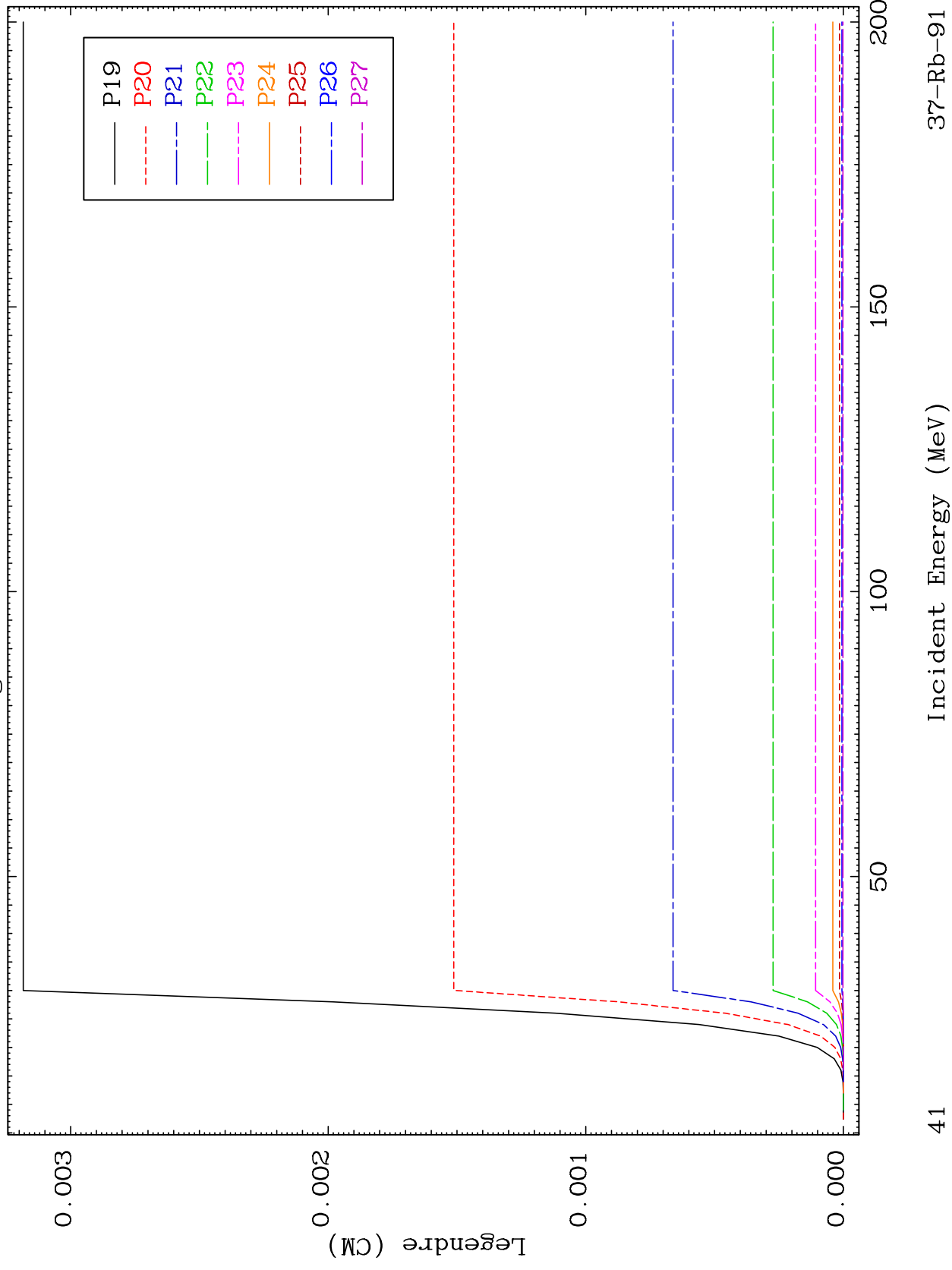


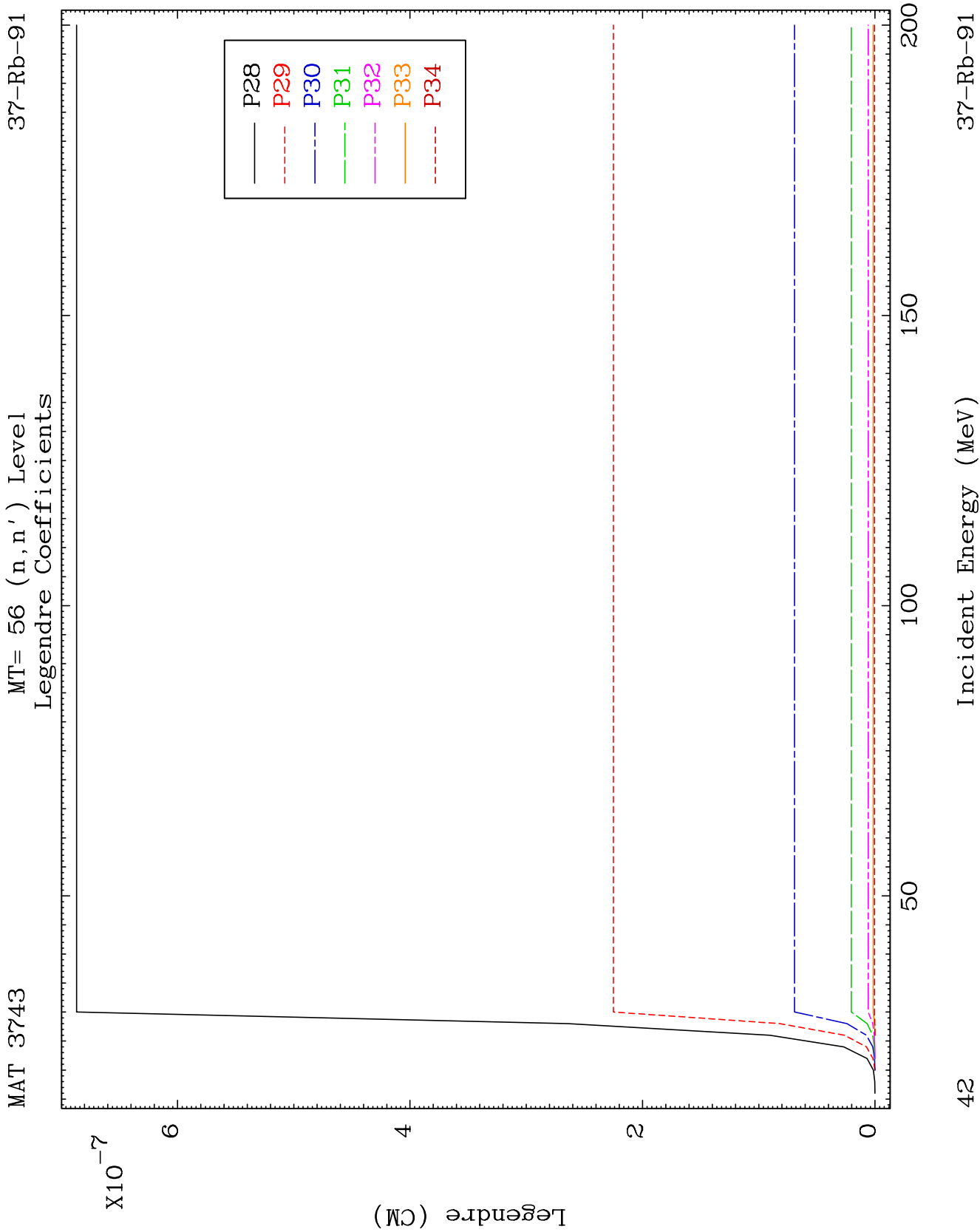


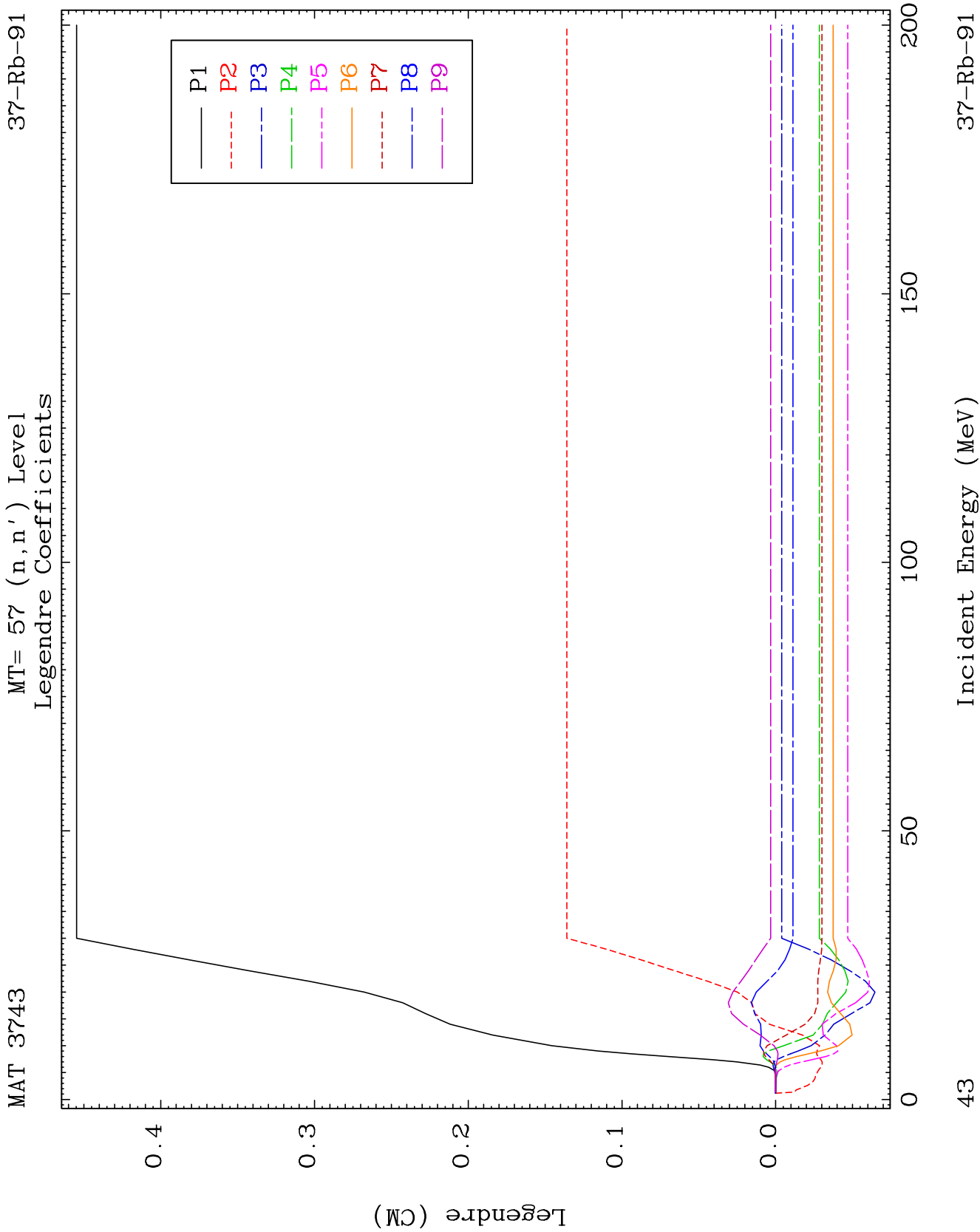
MAT 3743

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

37-Rb-91



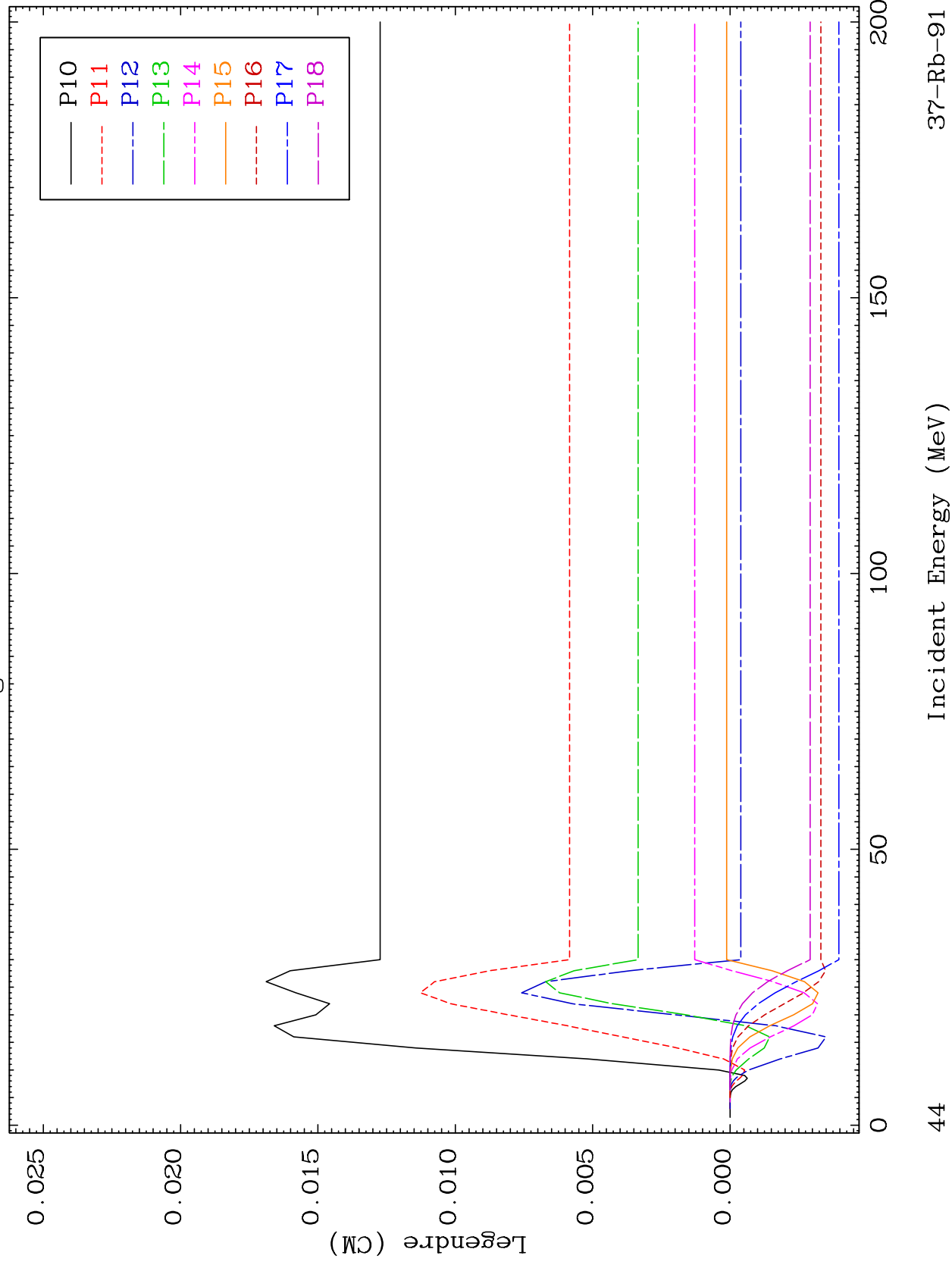


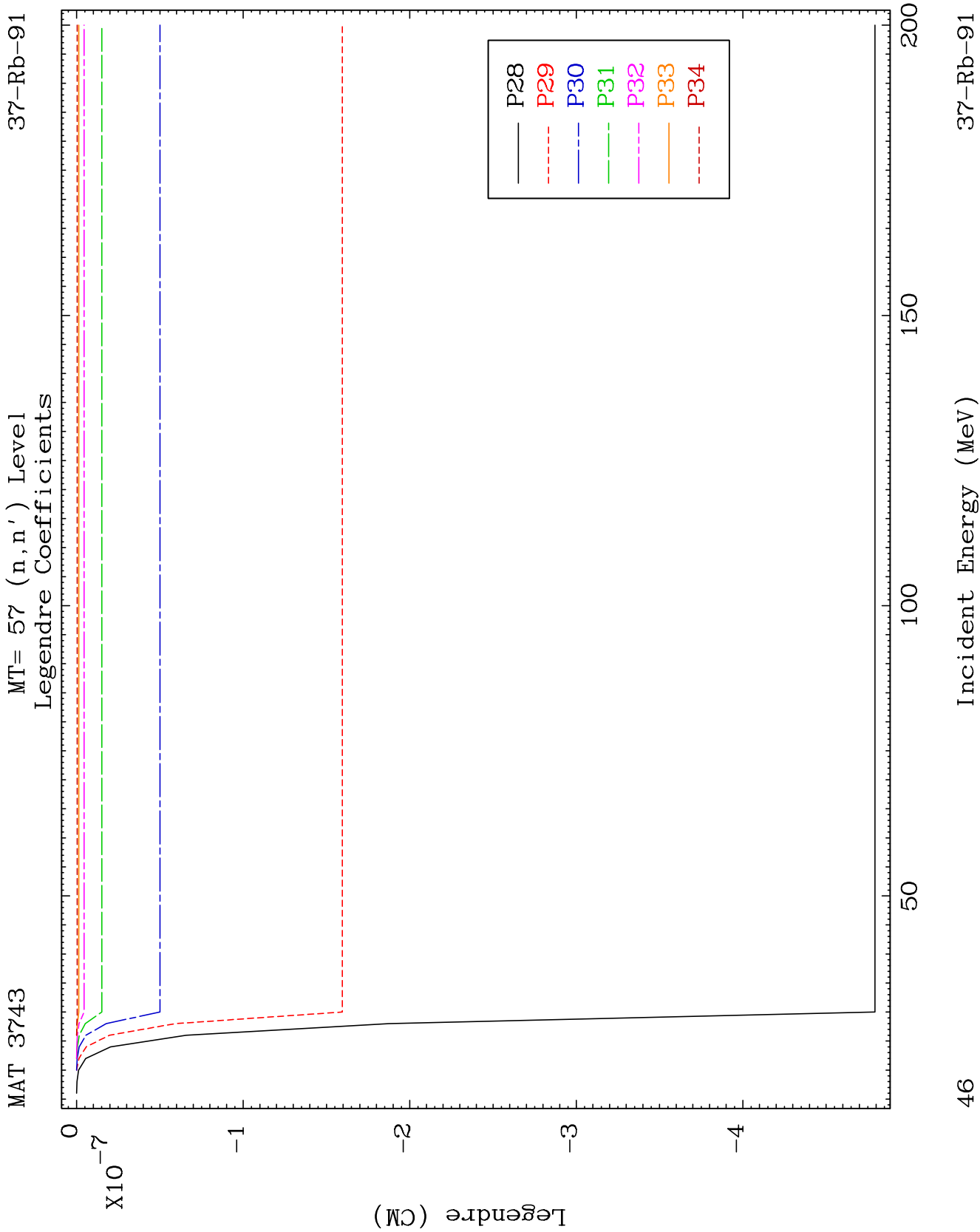


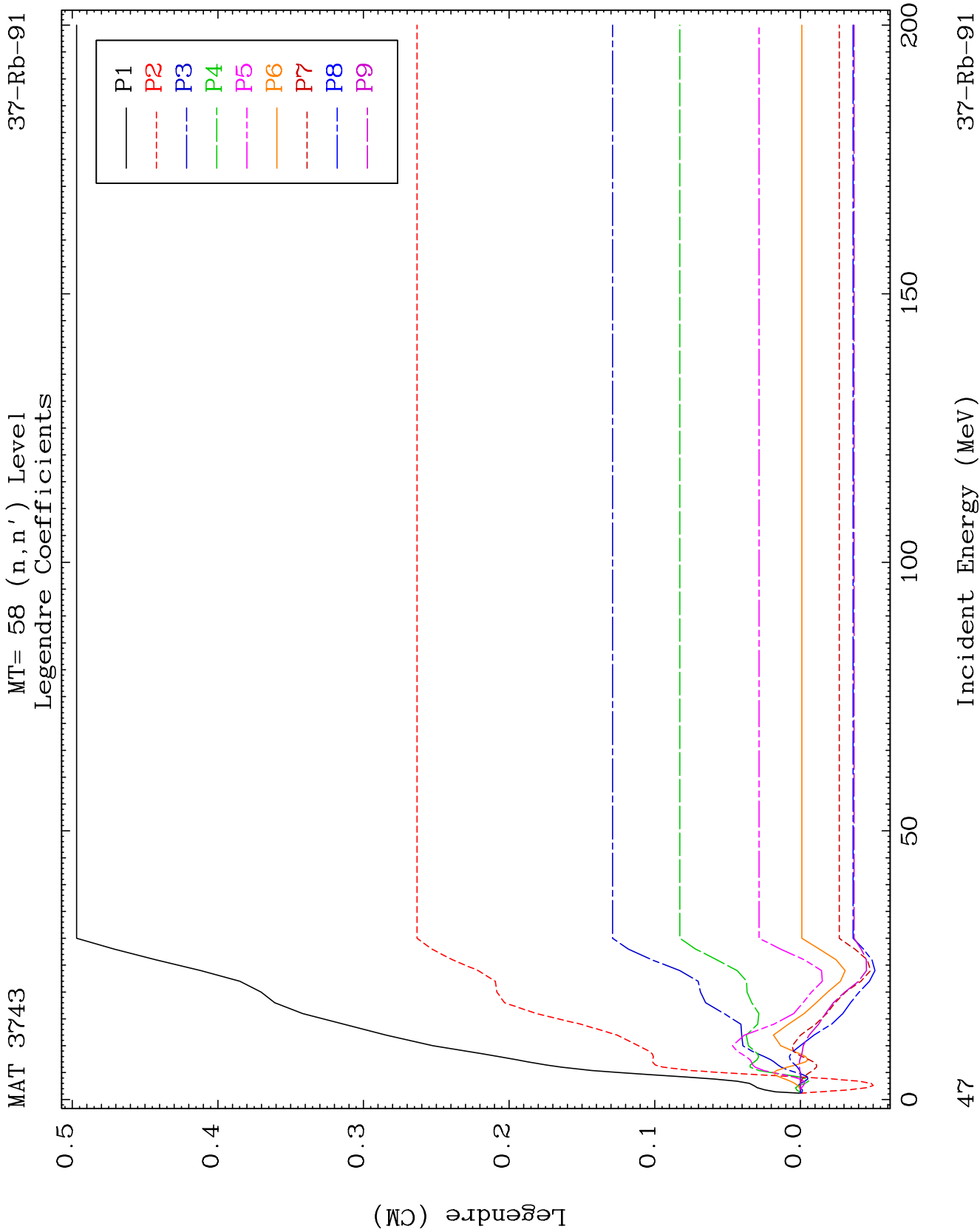
MAT 3743

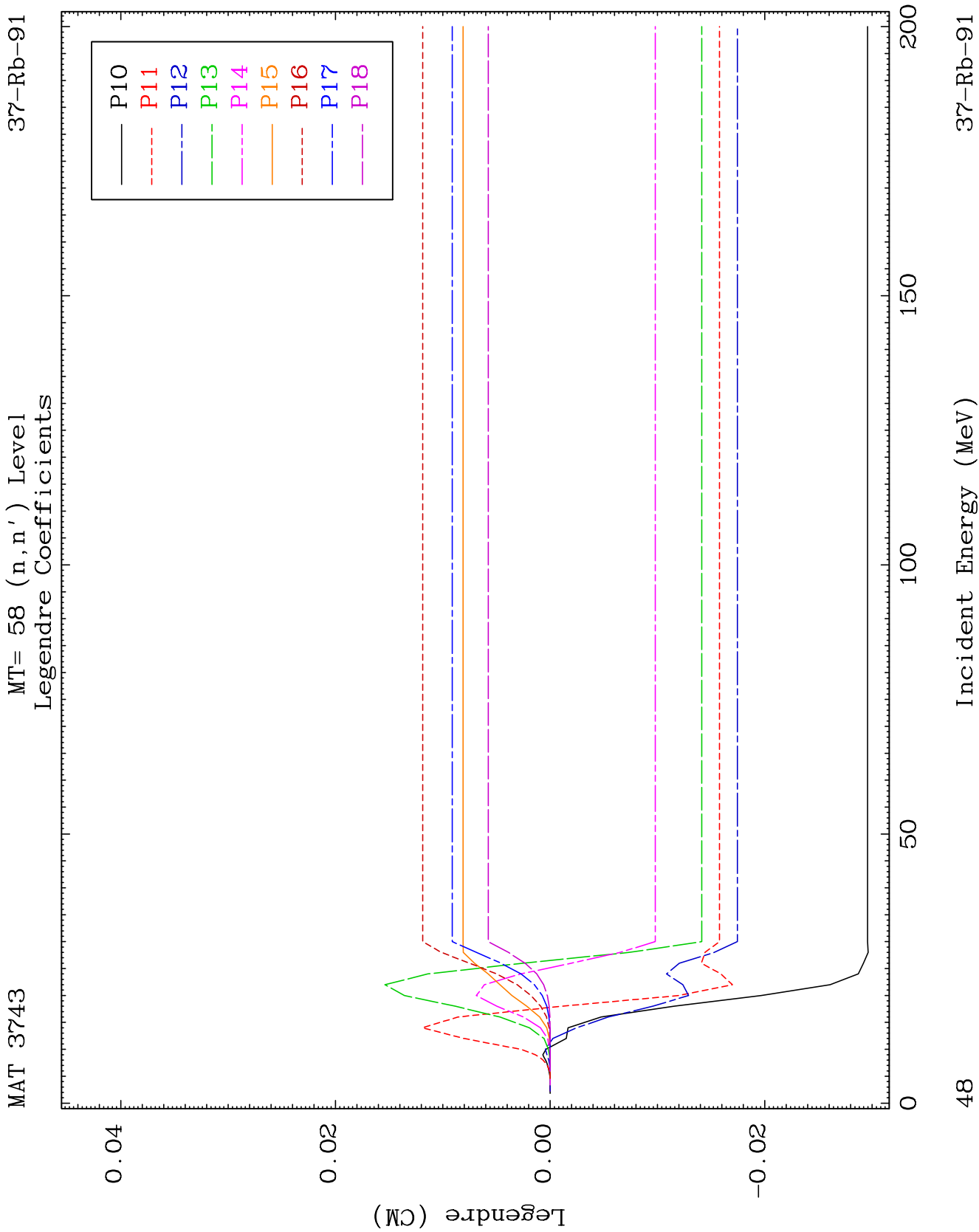
MT= 57 (n, n') Level
Legendre Coefficients

37-Rb-91





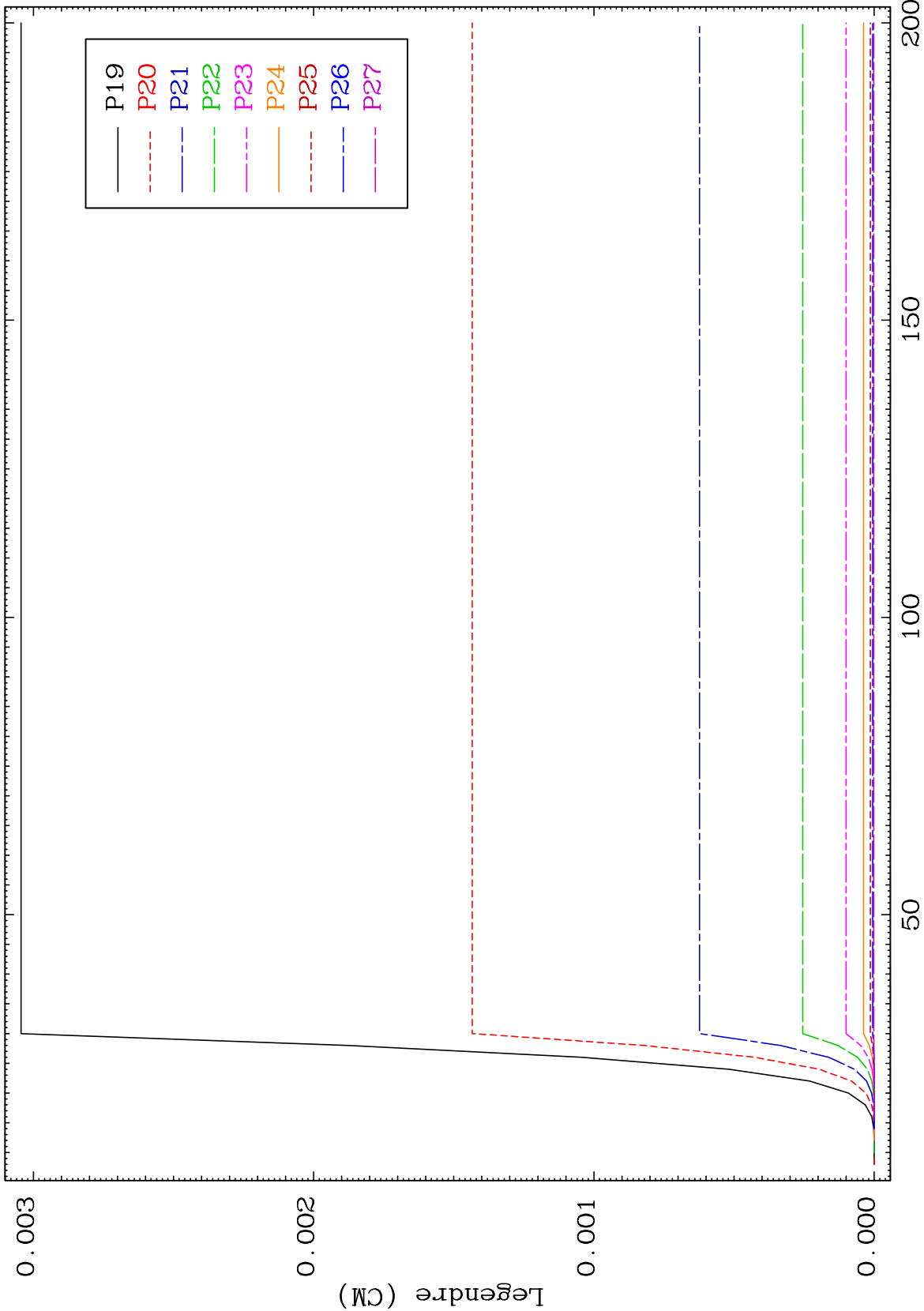




MAT 3743

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

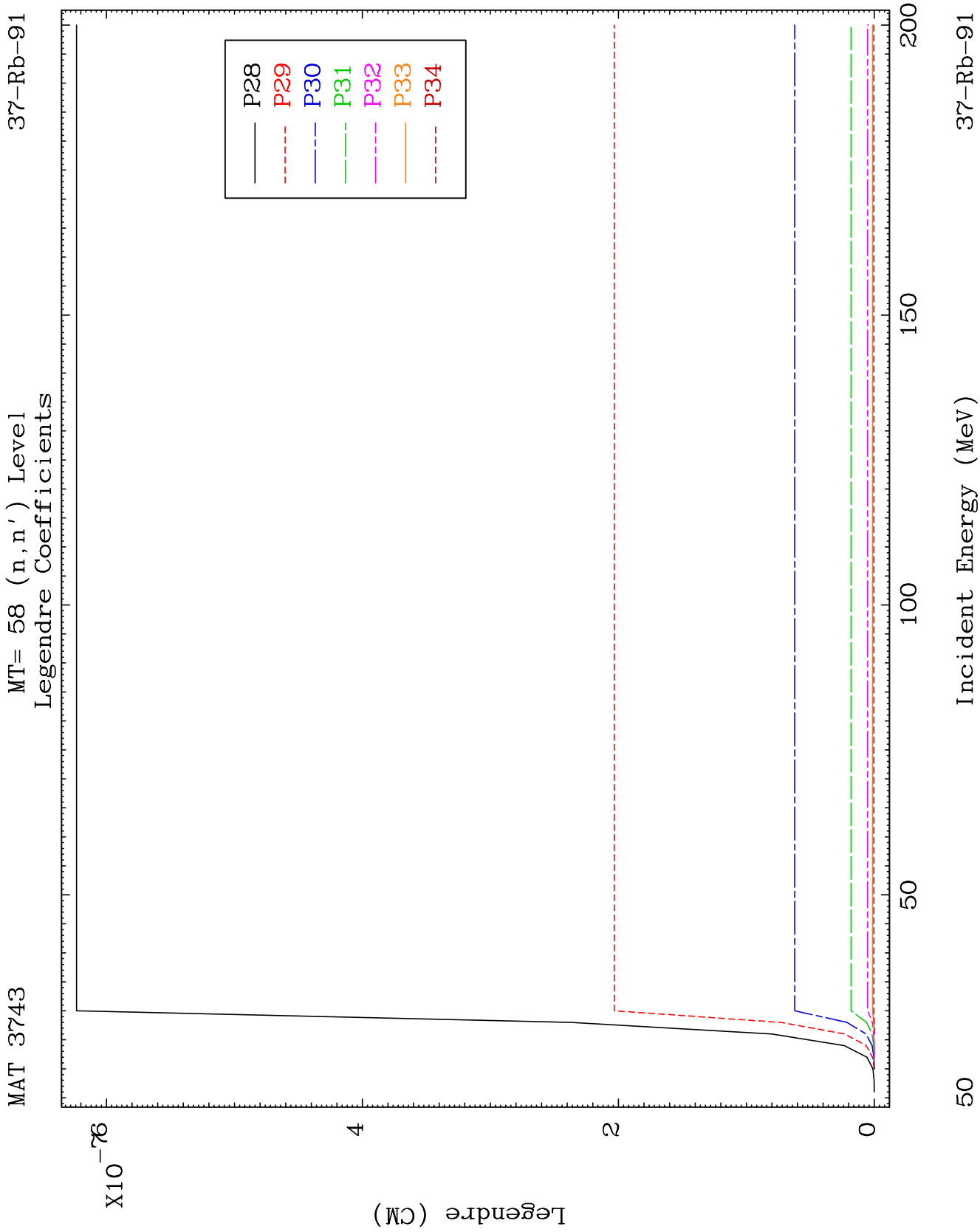
37-Rb-91

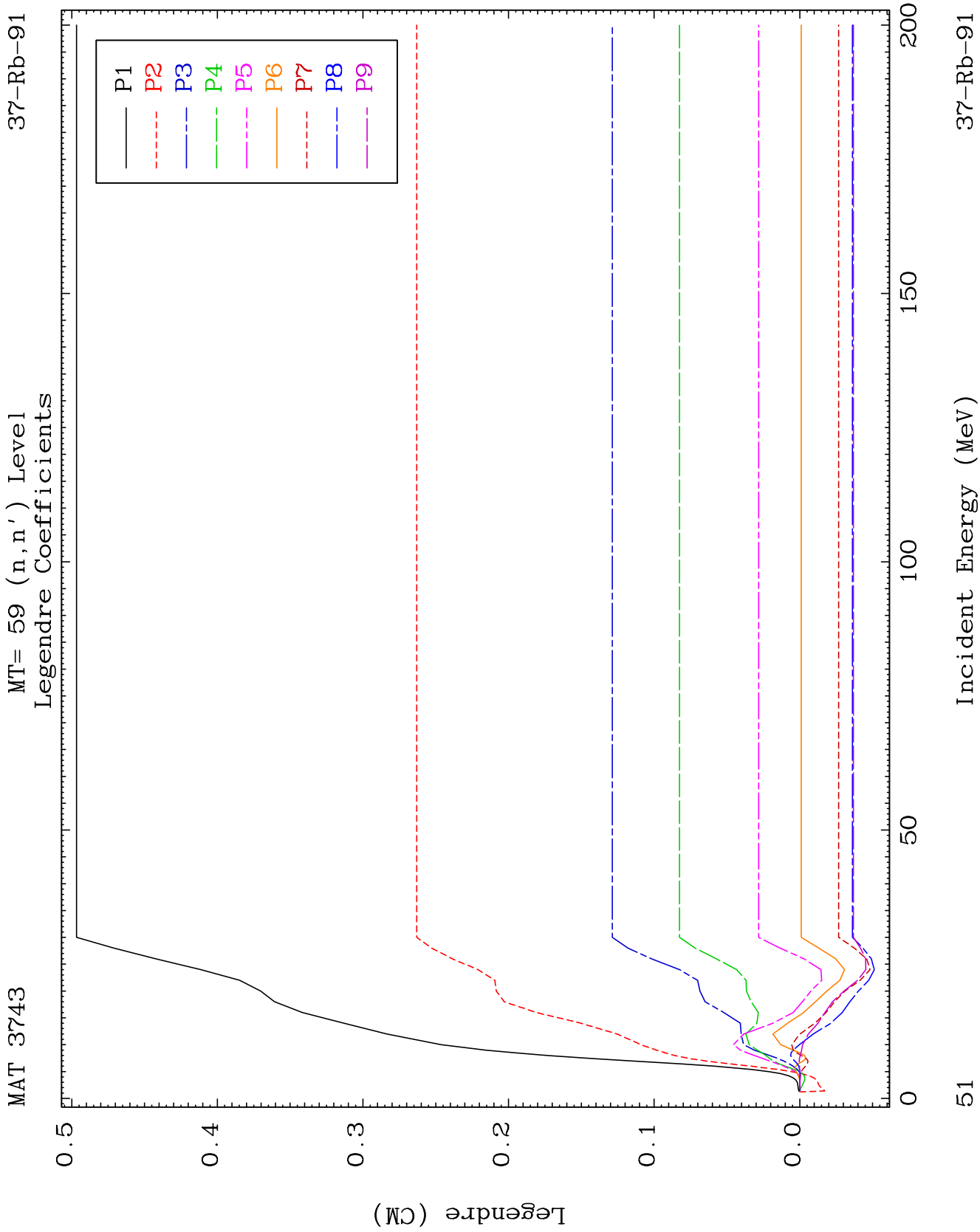


49

Incident Energy (MeV)

37-Rb-91

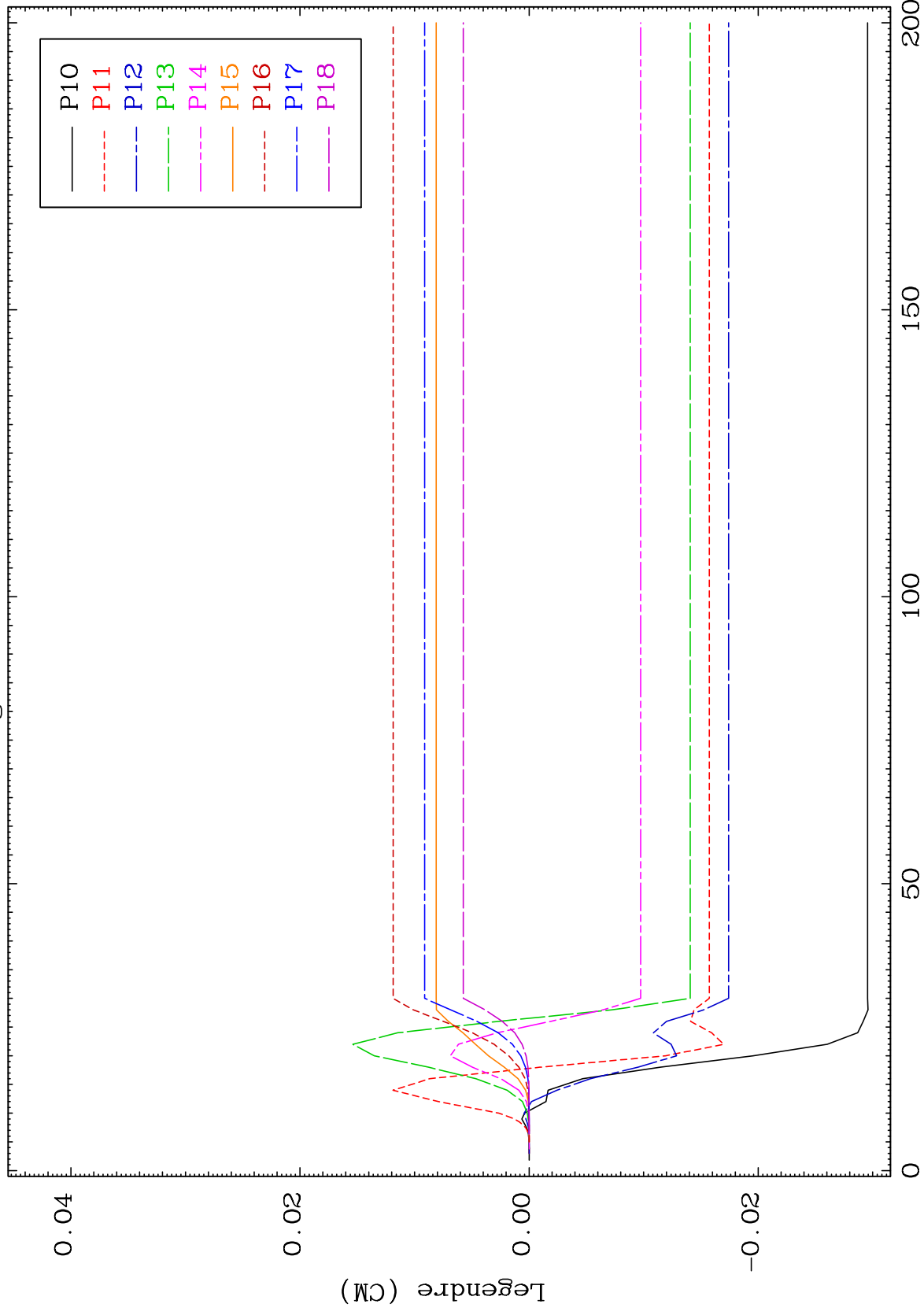




MAT 3743

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

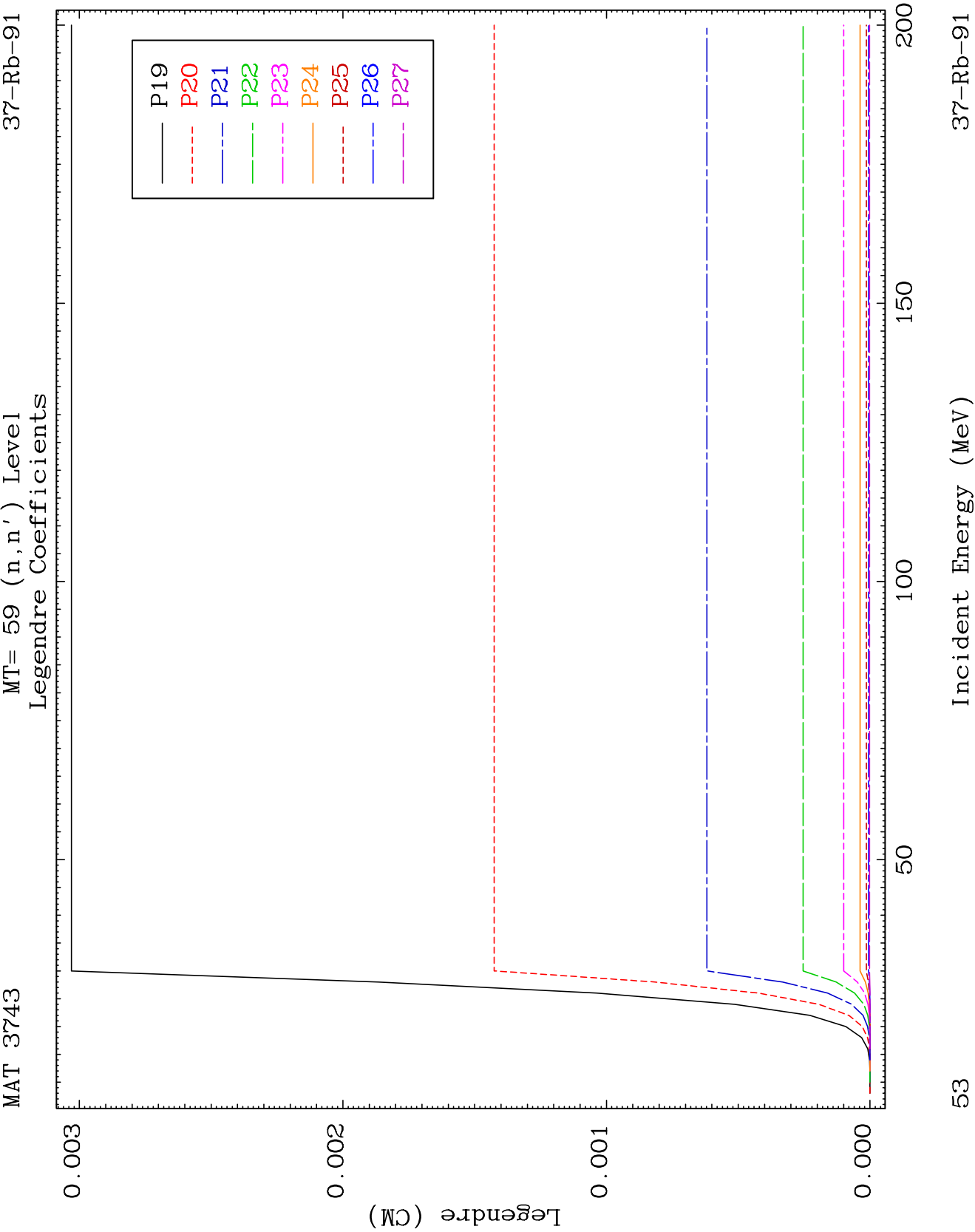
37-Rb-91

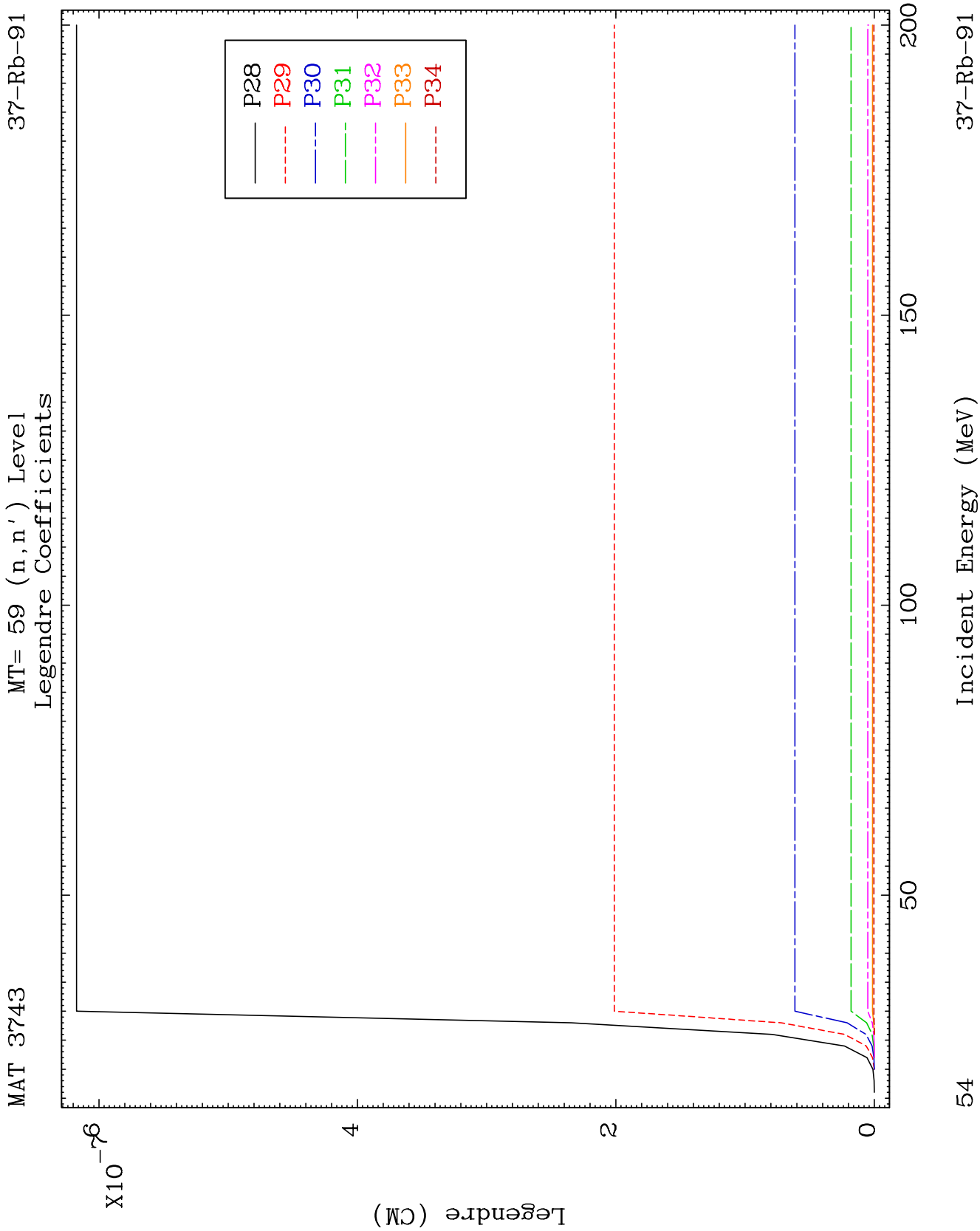


37-Rb-91

Incident Energy (MeV)

52

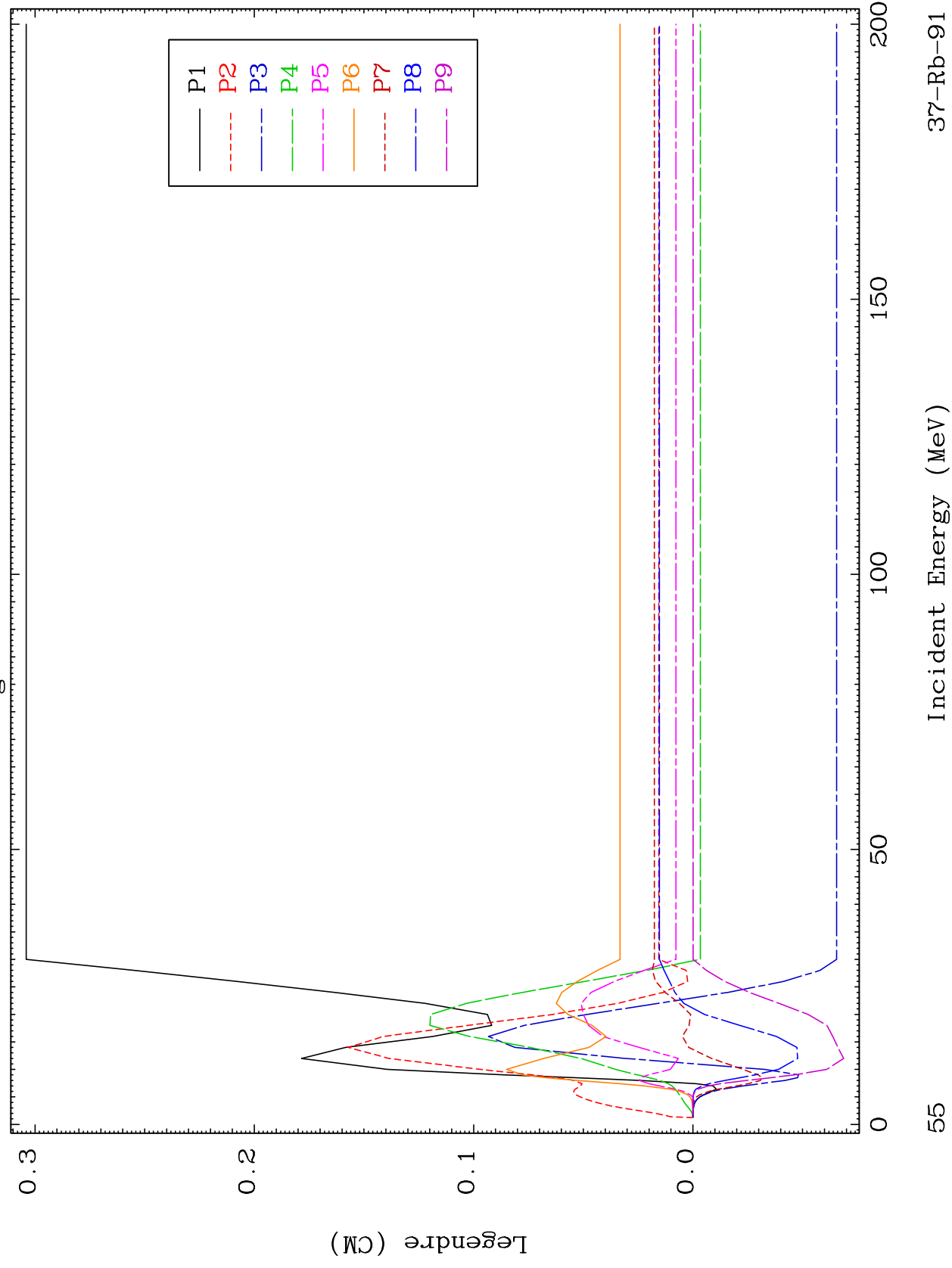


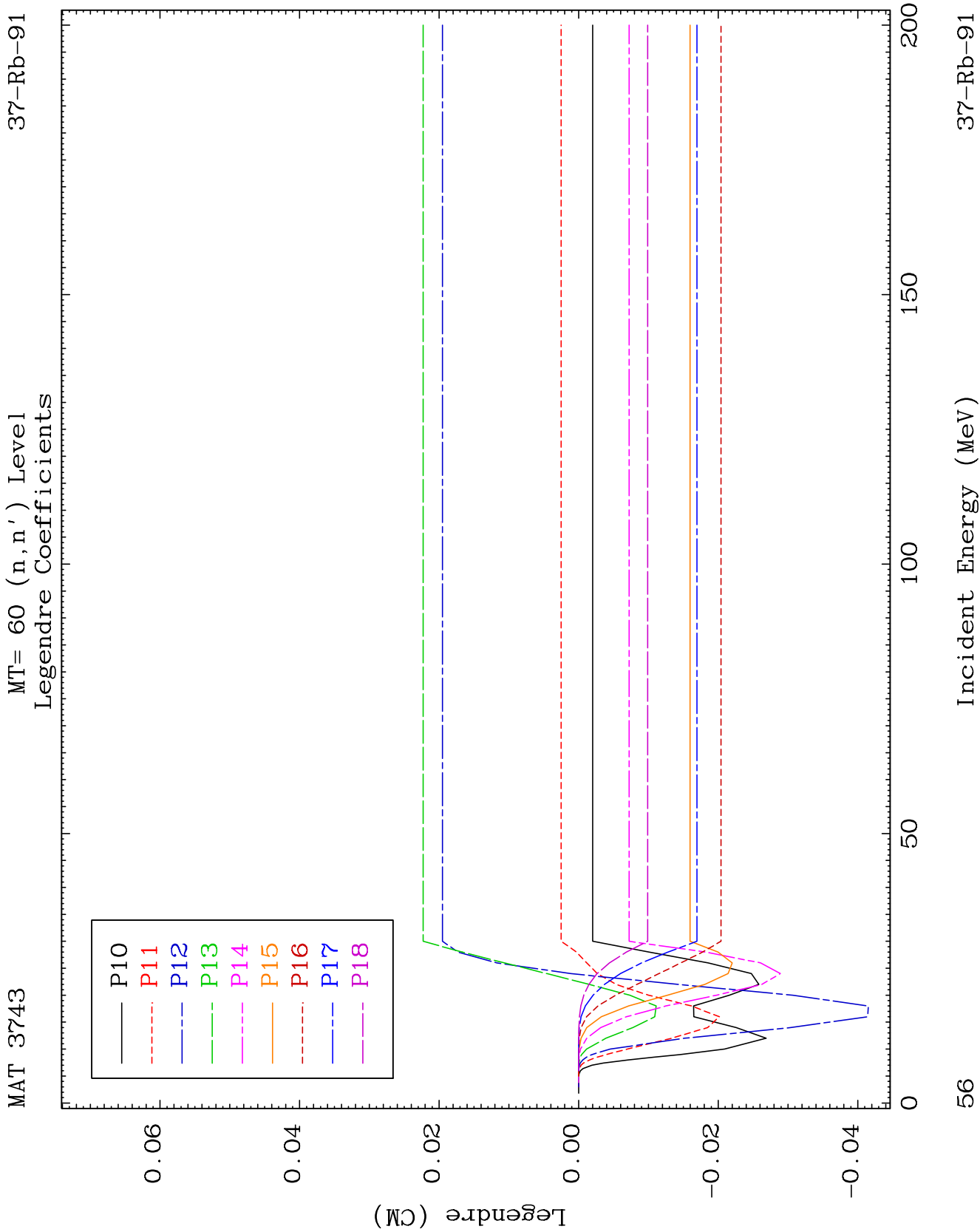


MAT 3743

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

37-Rb-91



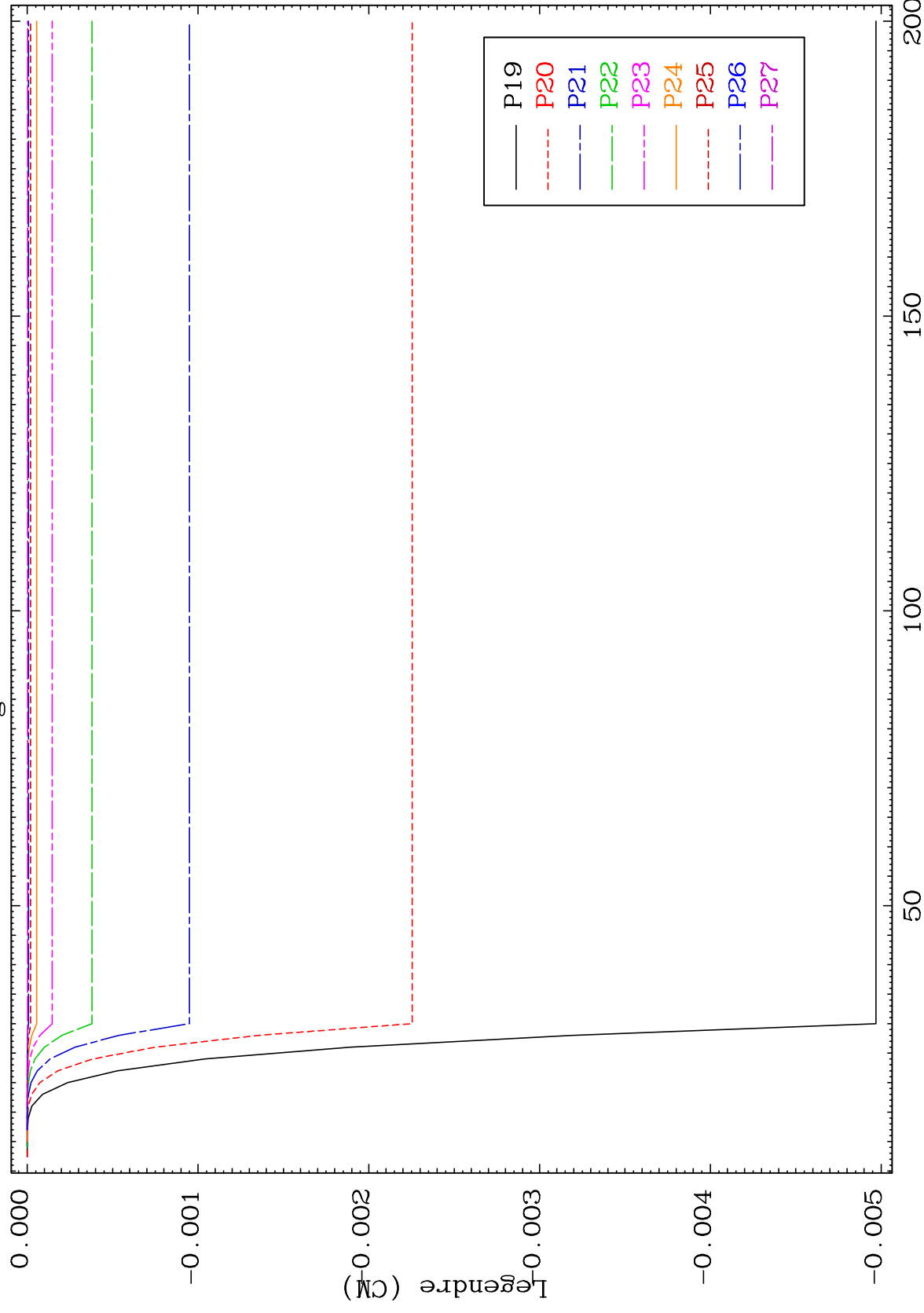


MAT 3743

MT= 60 (n, n') Level

37-Rb-91

Legendre Coefficients



25

Incident Energy (MeV)

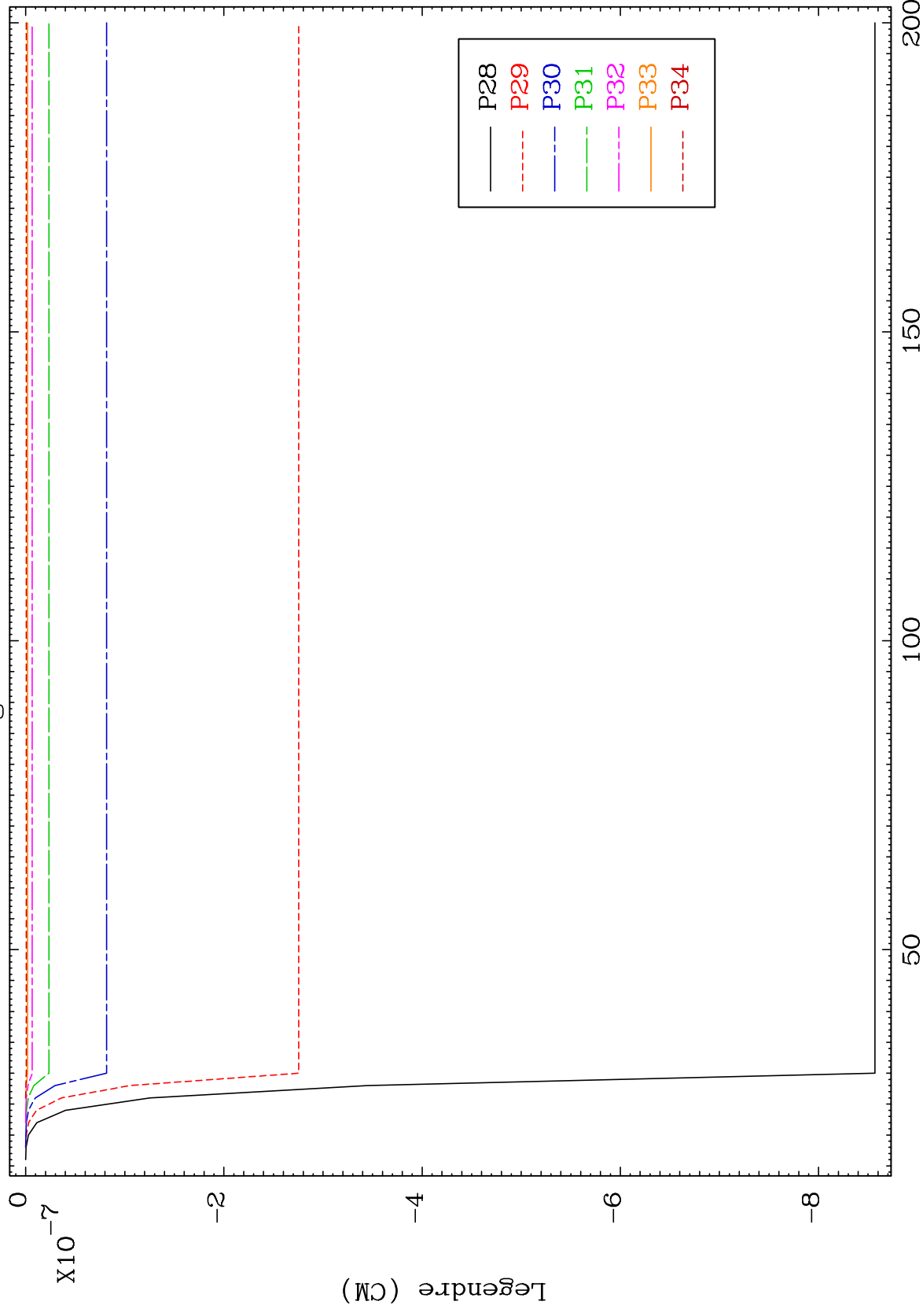
37-Rb-91

MAT 3743

MT= 60 (n, n') Level

37-Rb-91

Legendre Coefficients



58

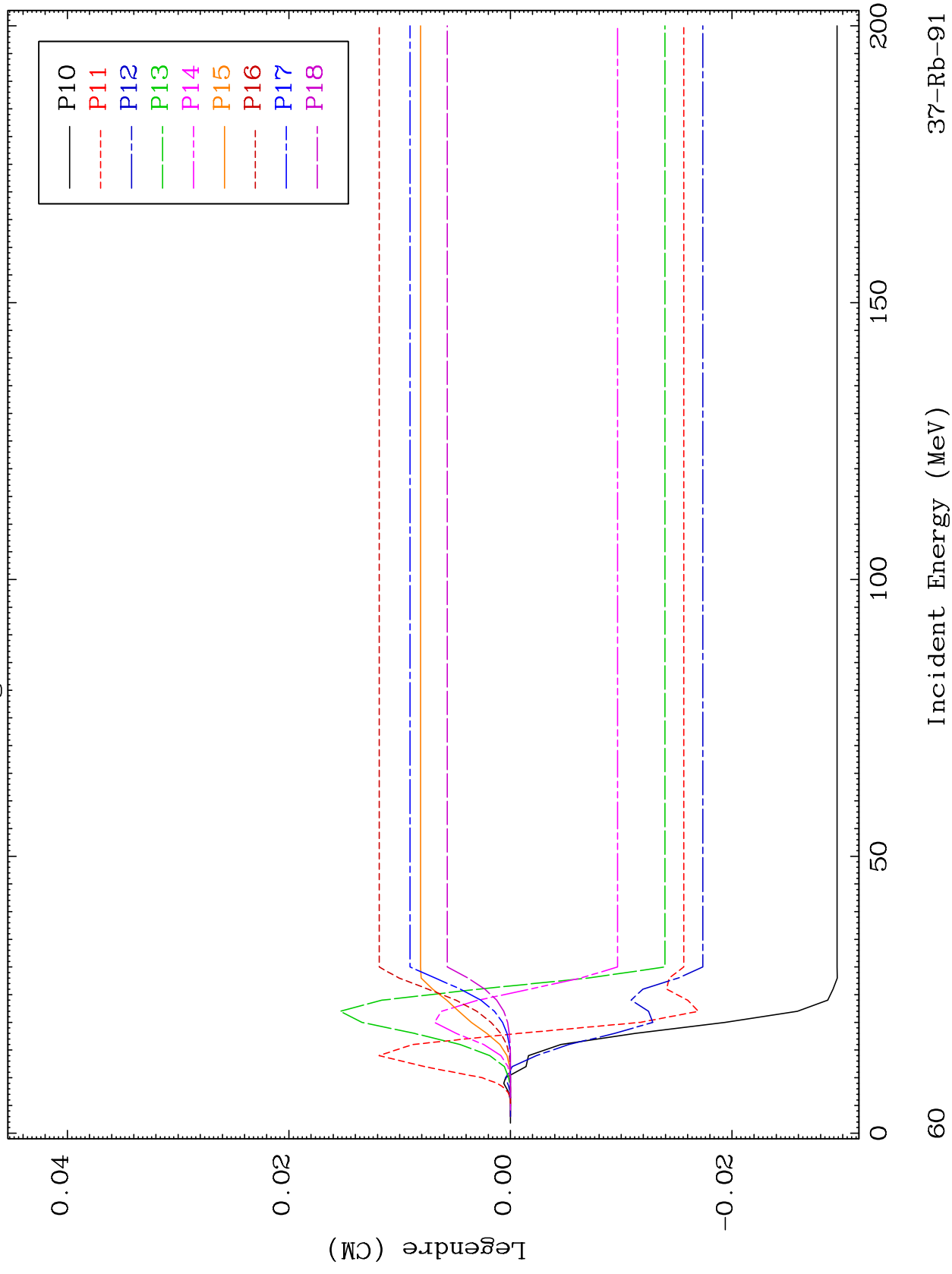
Incident Energy (MeV)

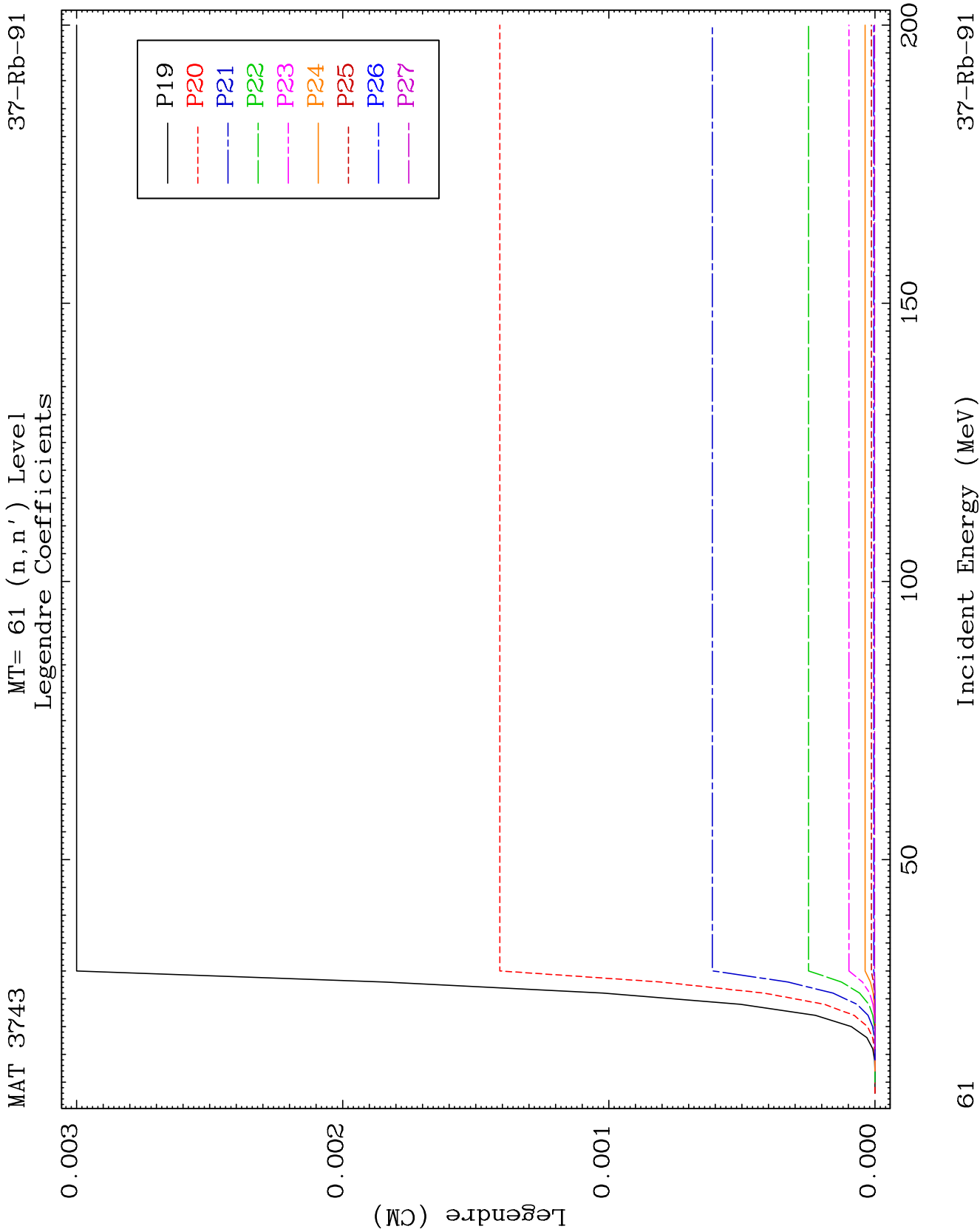
37-Rb-91

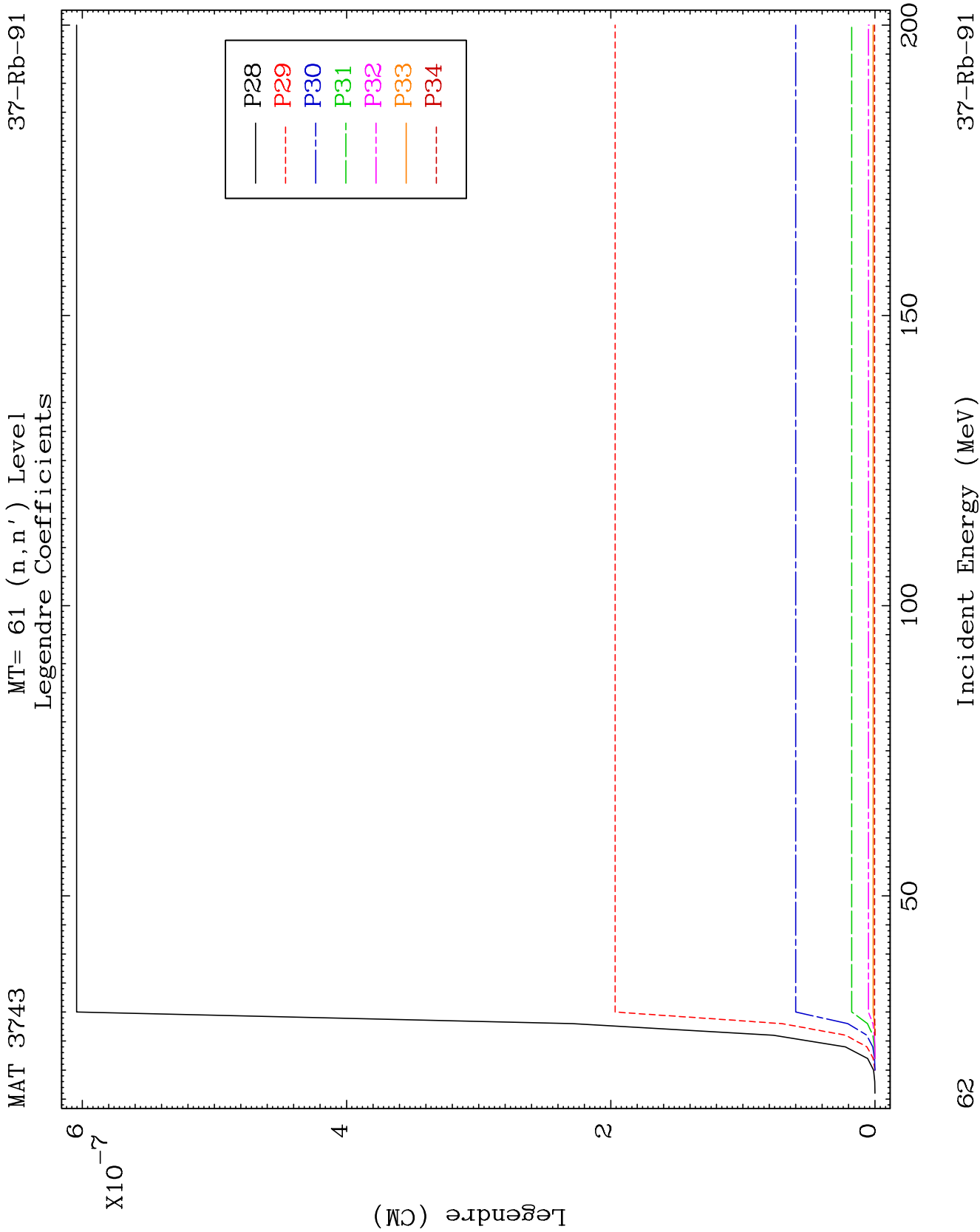
MAT 3743

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

37-Rb-91



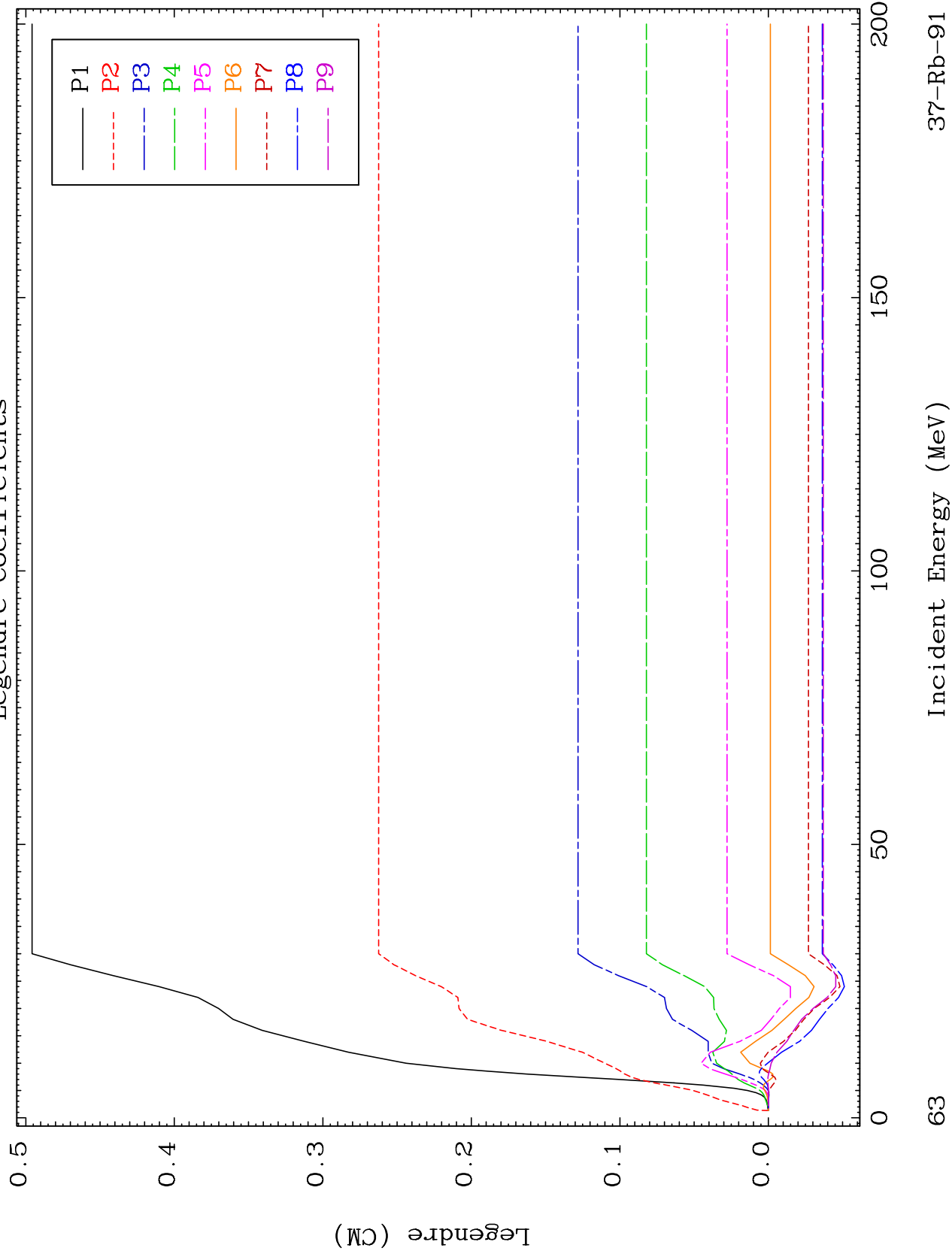


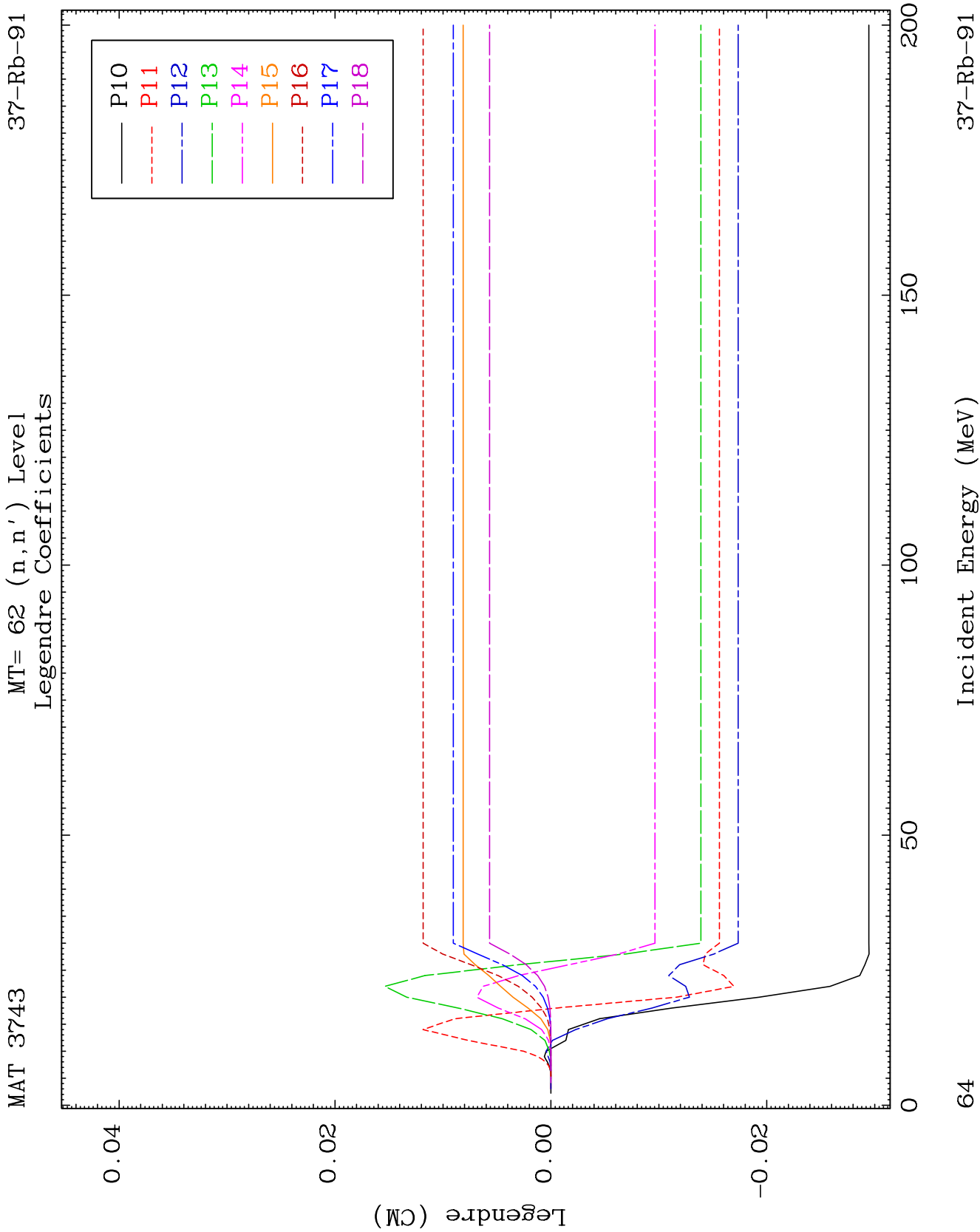


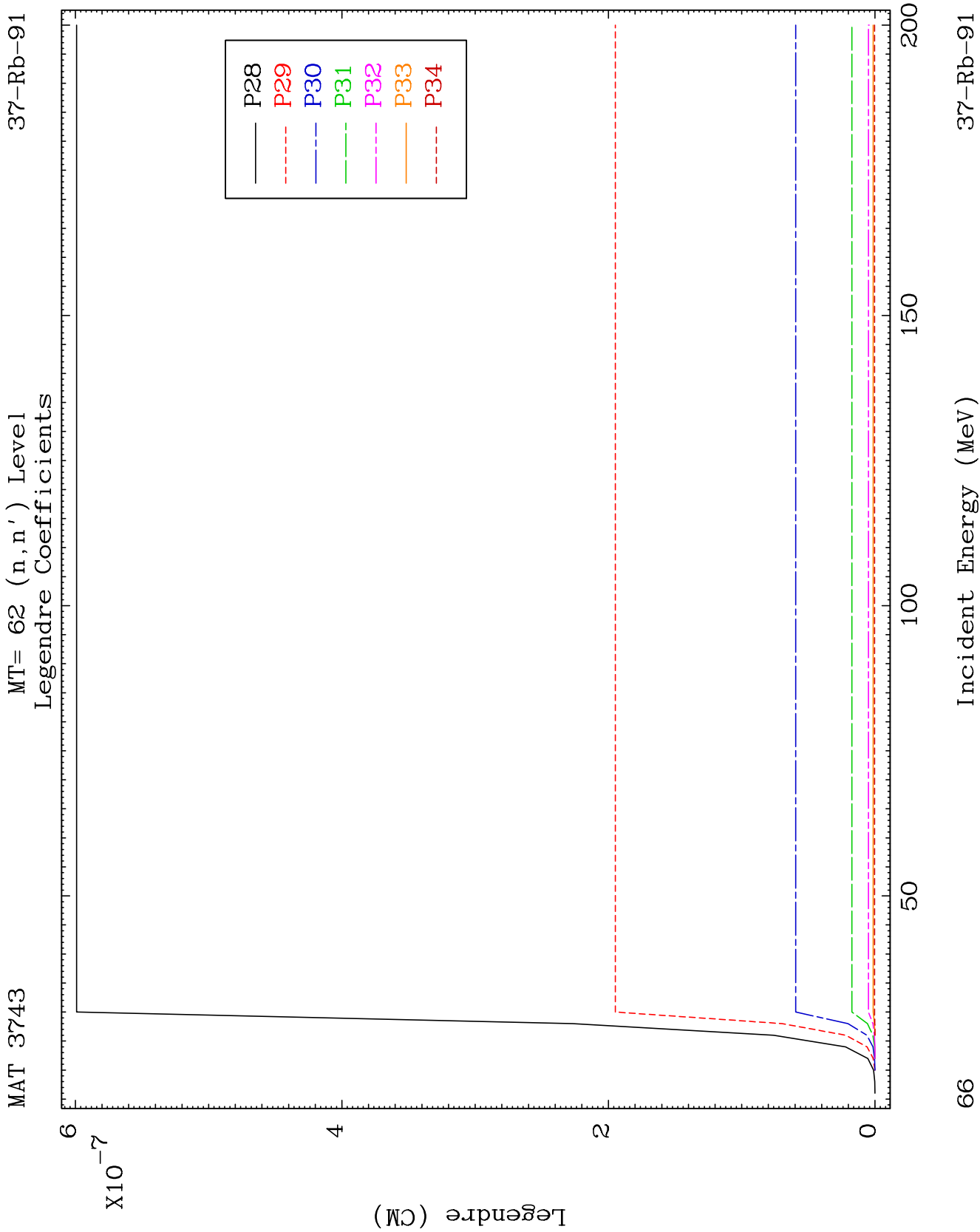
MAT 3743

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

37-Rb-91



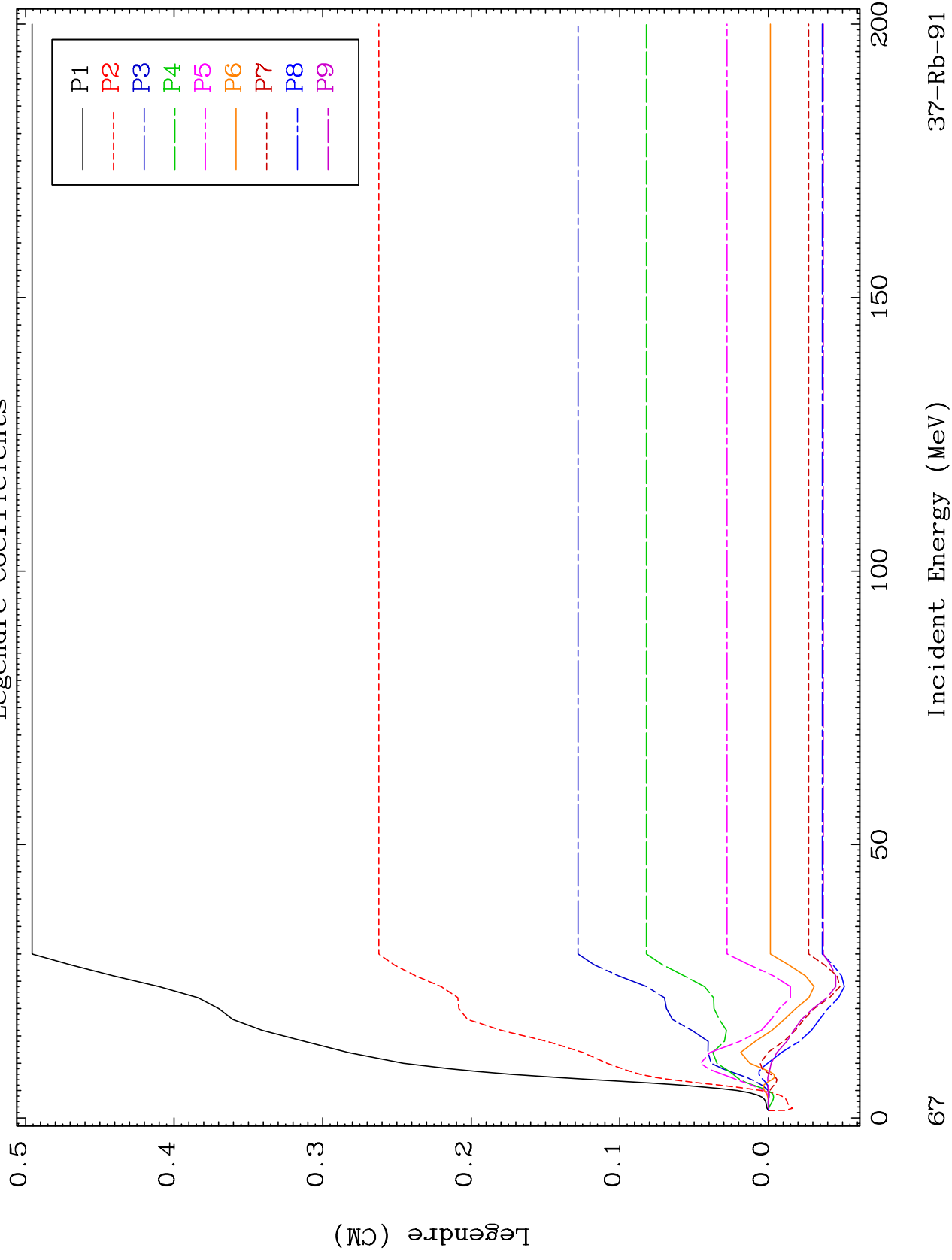


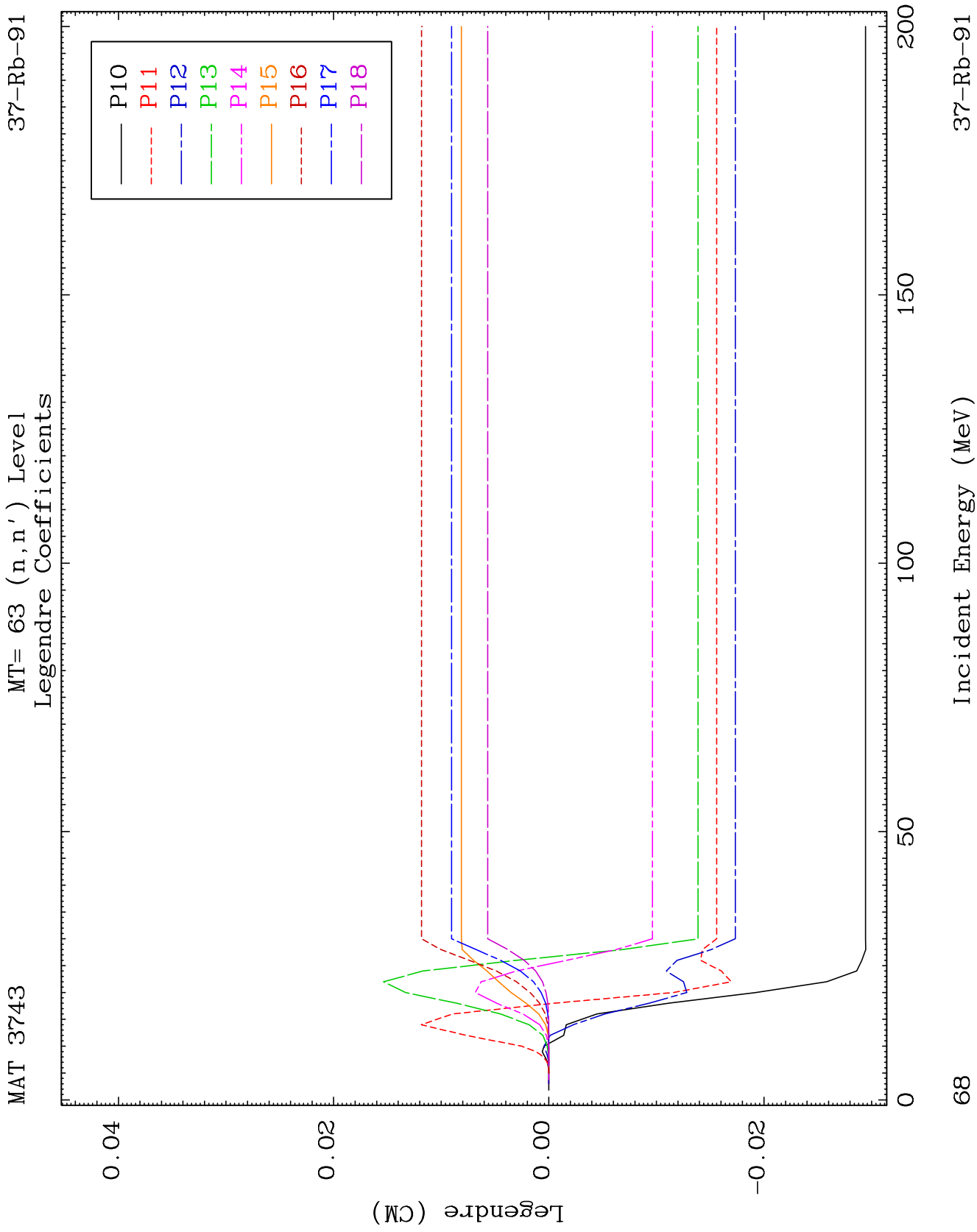


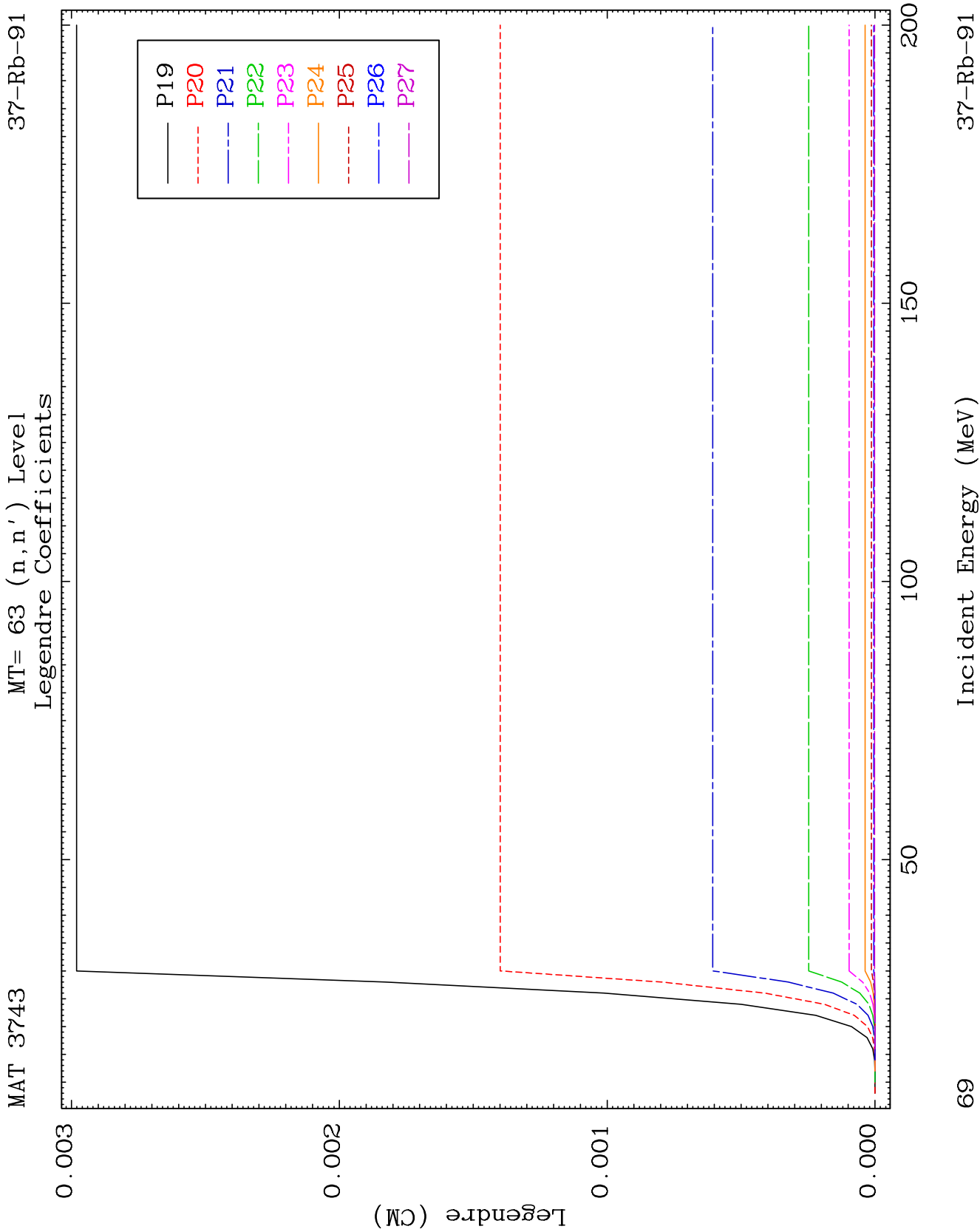
MAT 3743

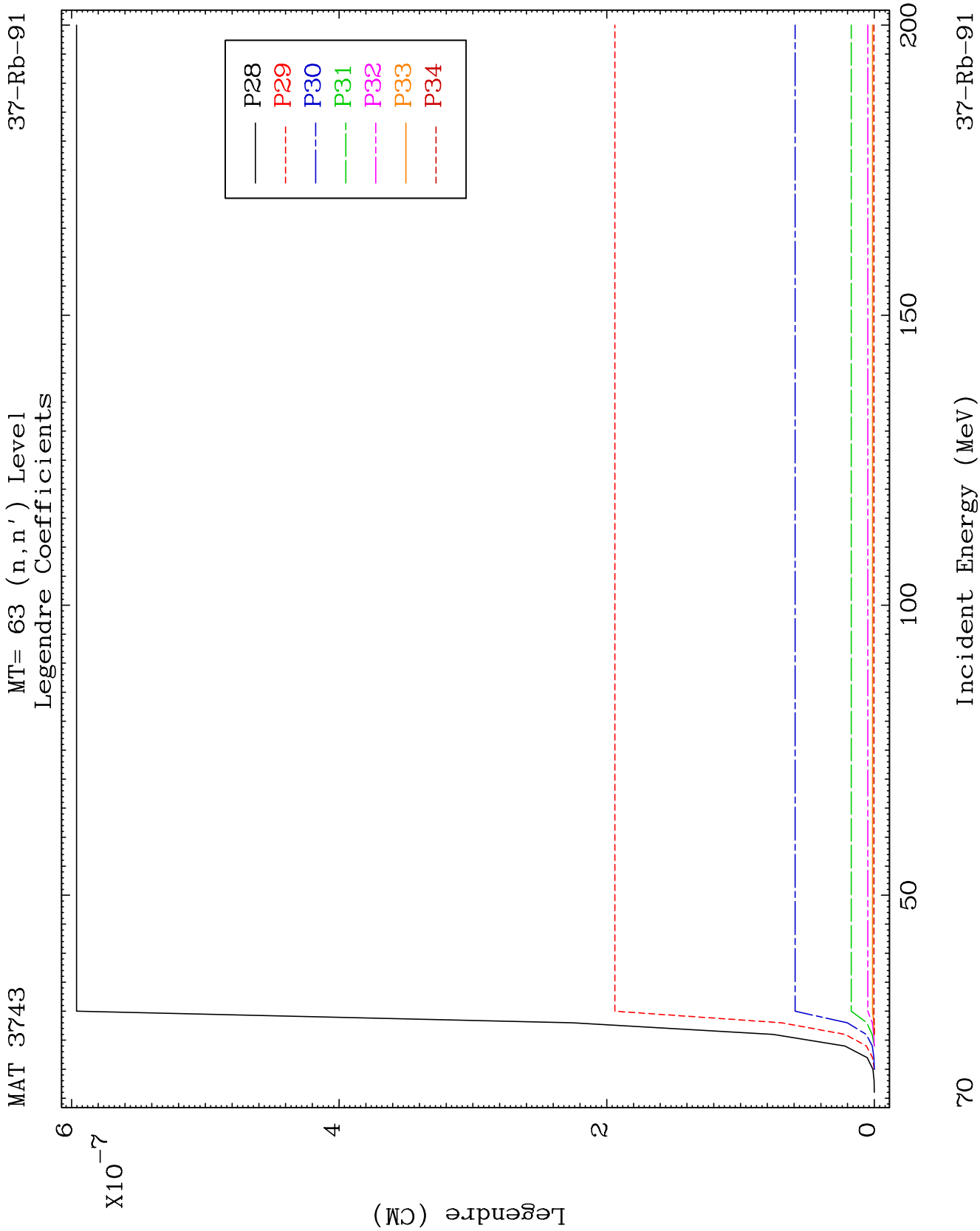
MT= 63 (n, n') Level
Legendre Coefficients

37-Rb-91





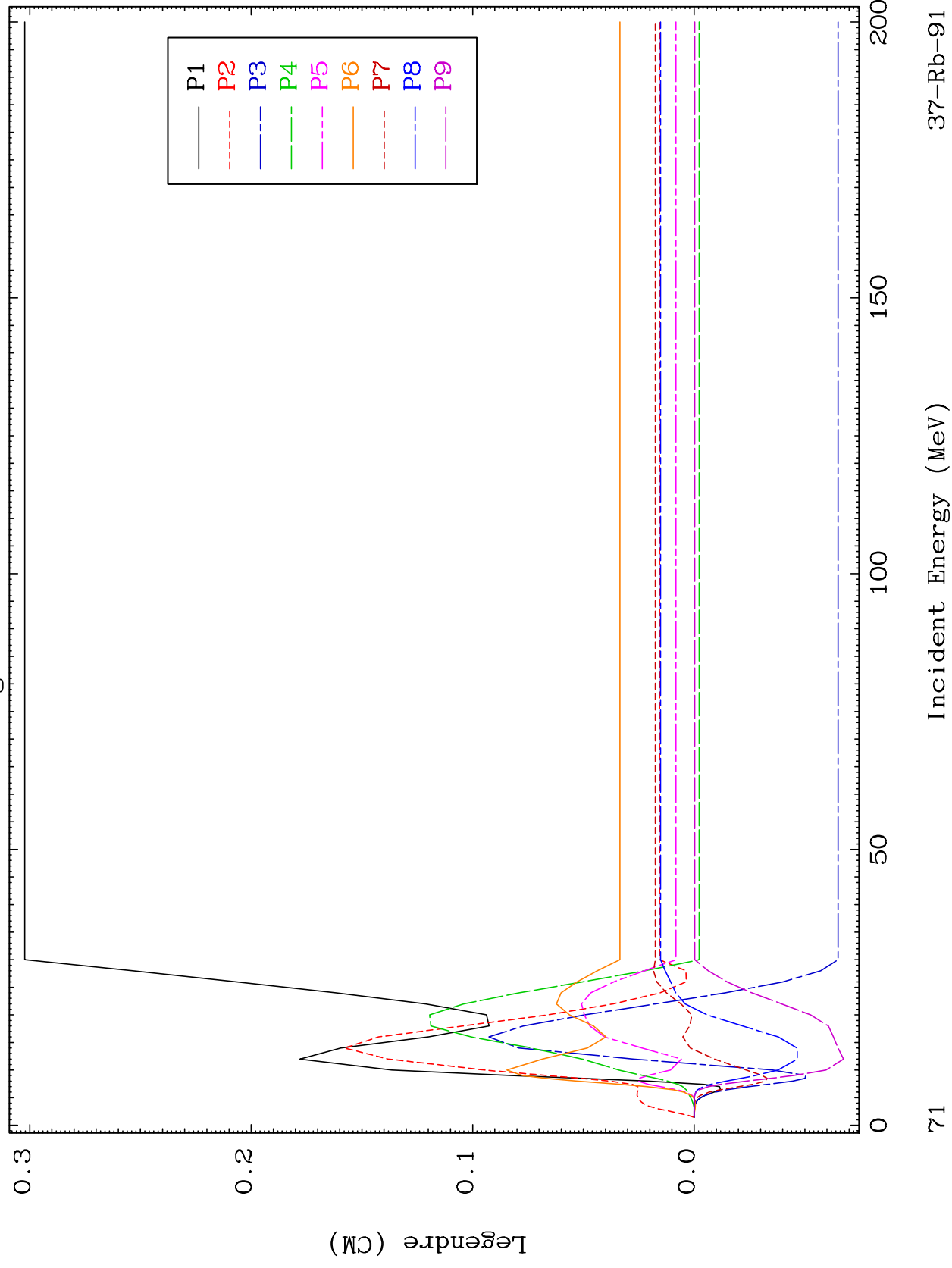


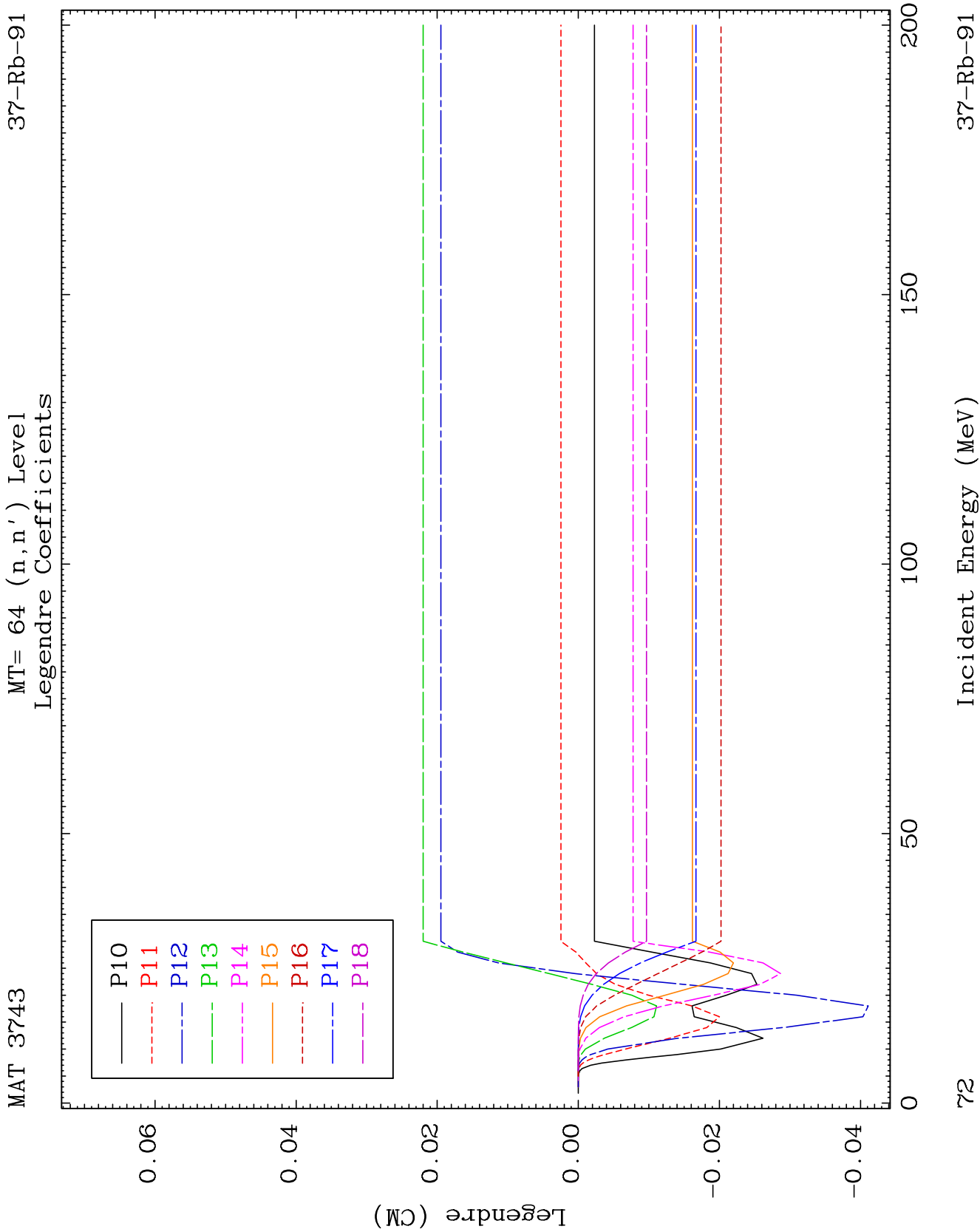


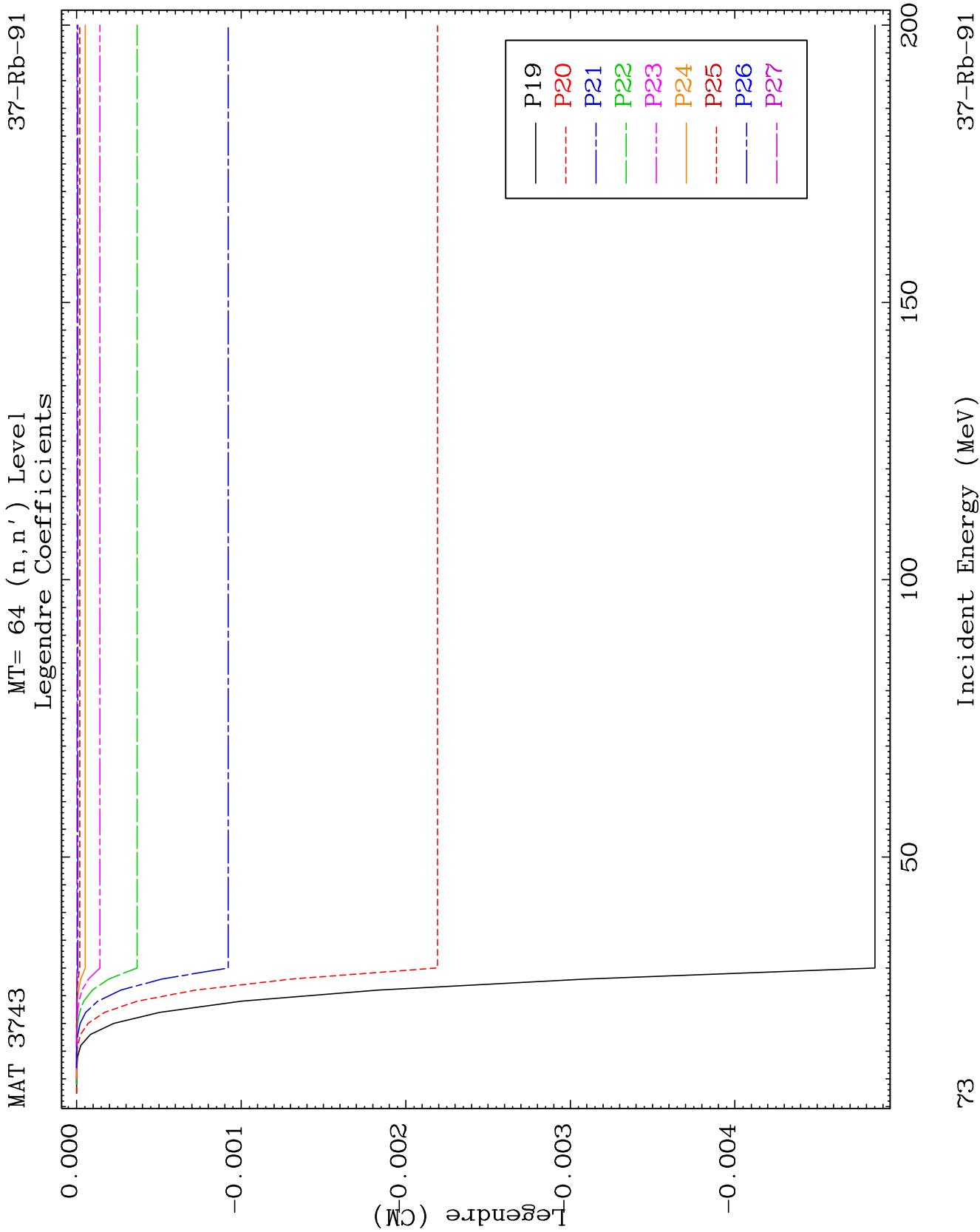
MAT 3743

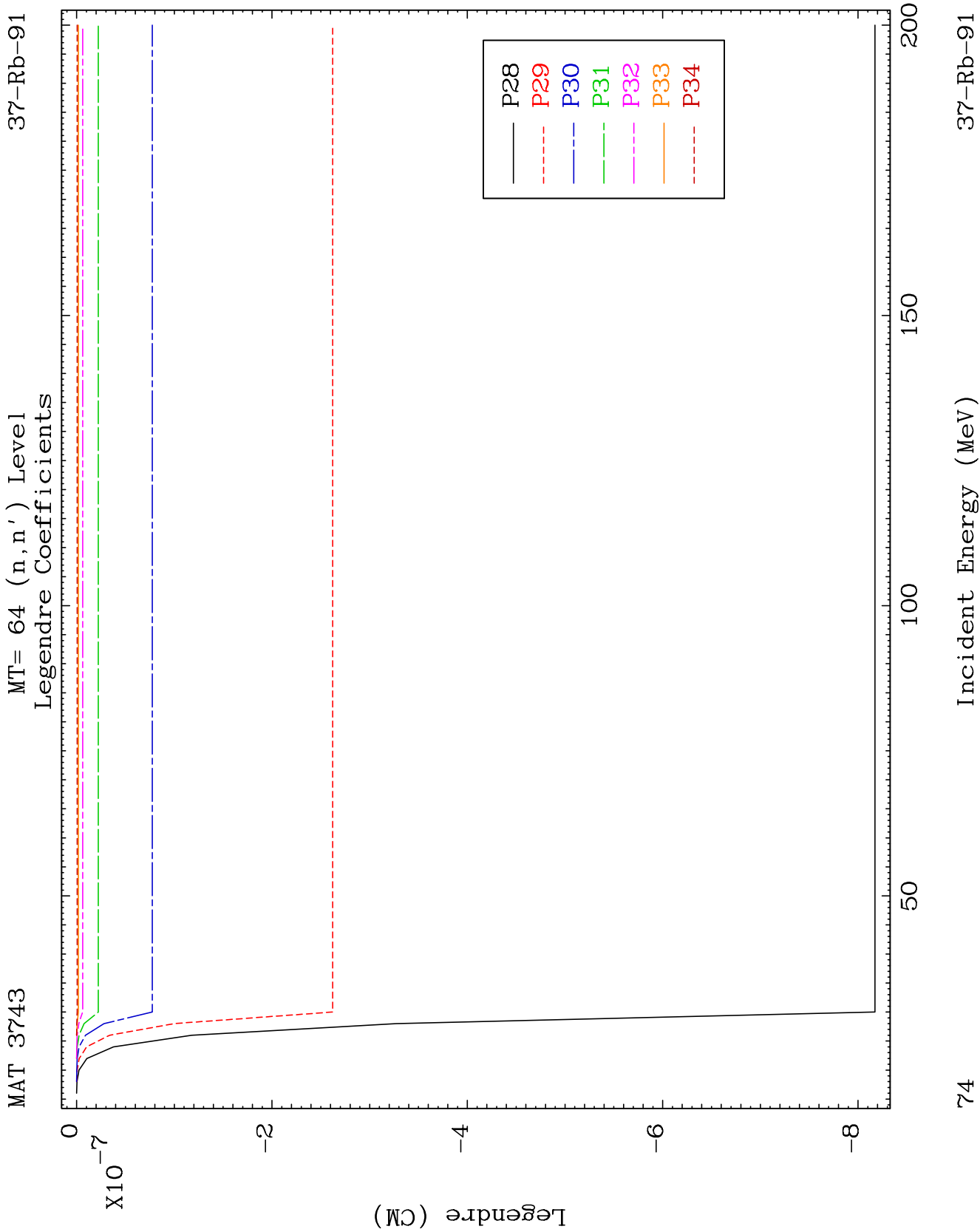
MT= 64 (n, n') Level
Legendre Coefficients

37-Rb-91





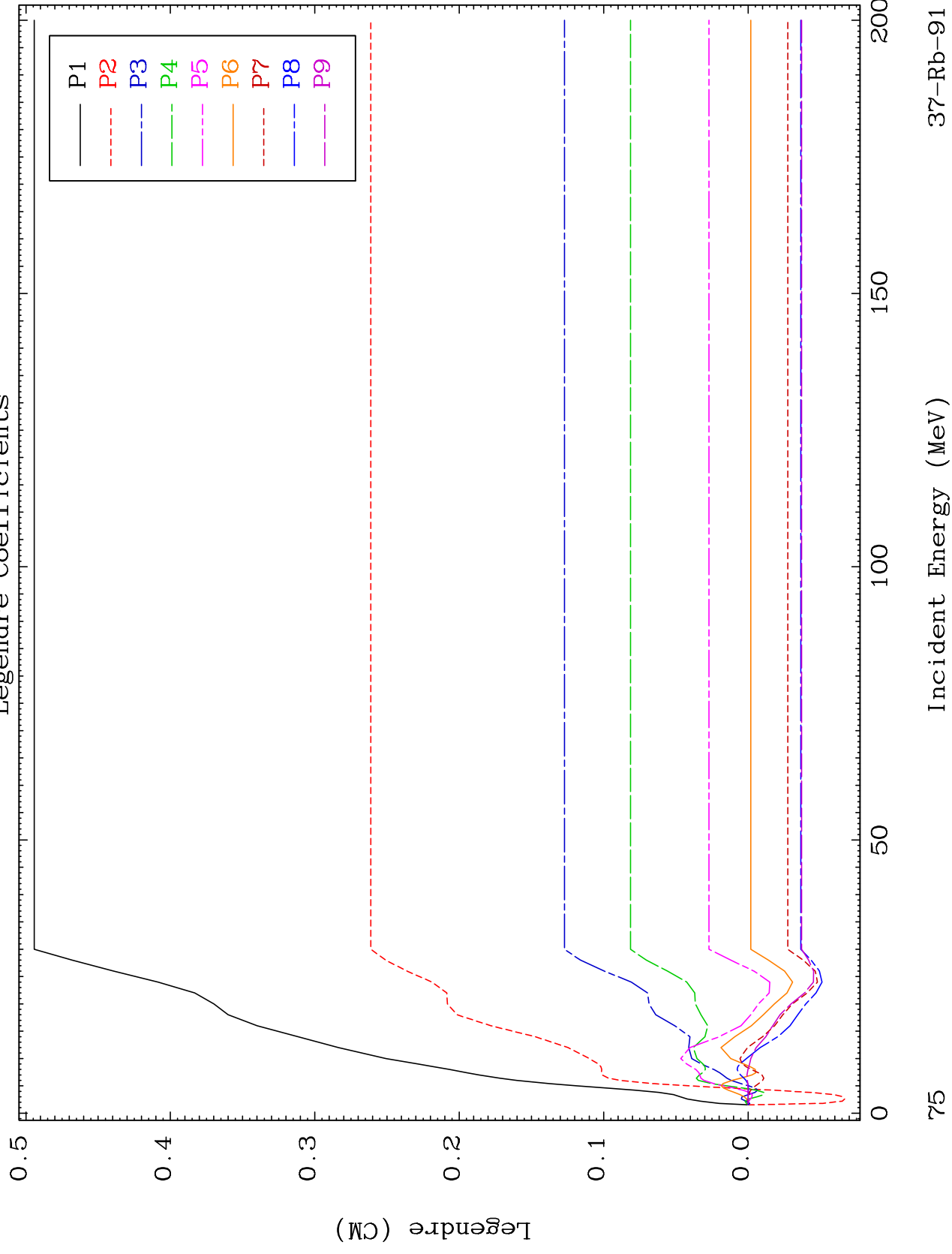




MAT 3743

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

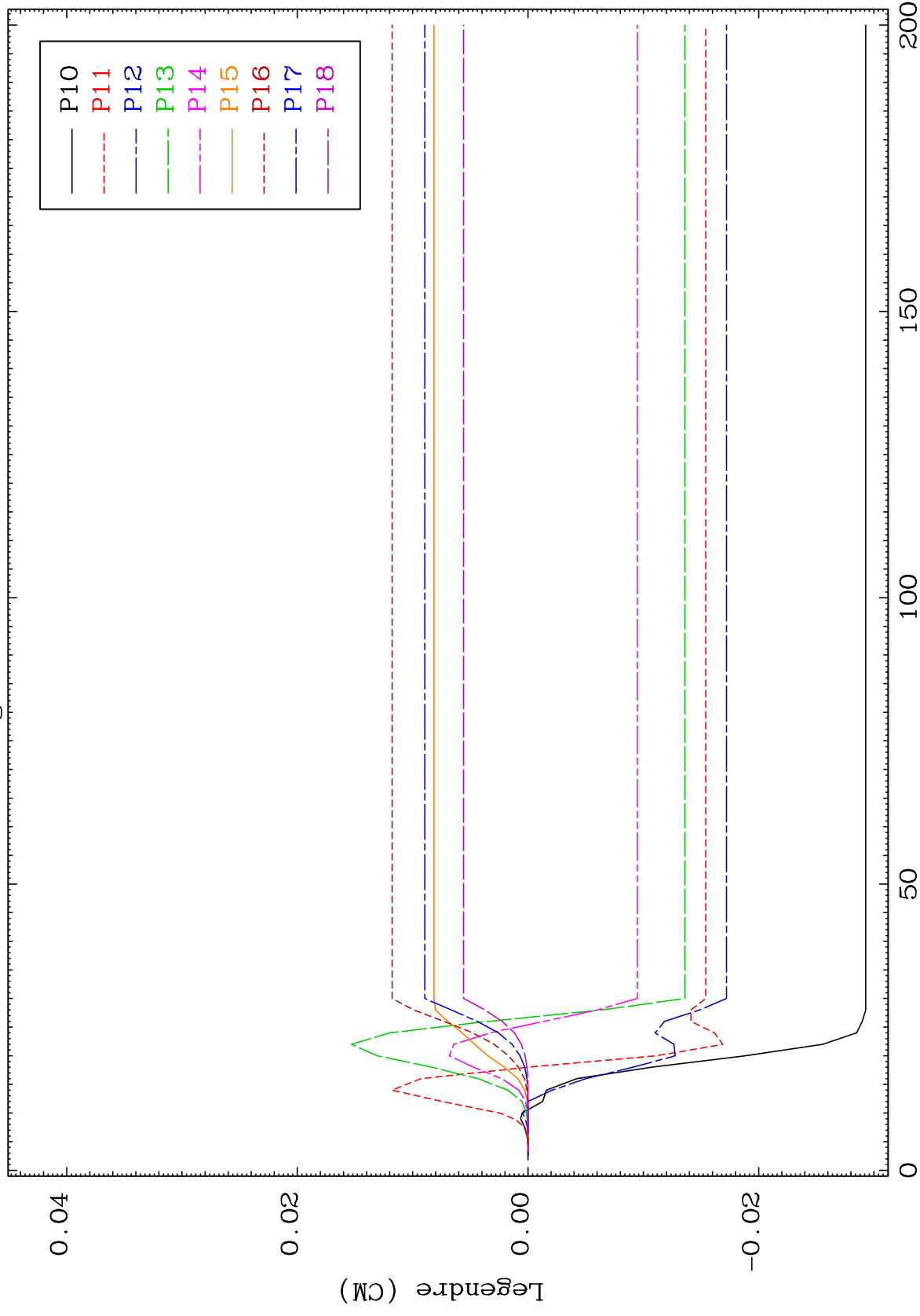
37-Rb-91



MAT 3743

37-Rb-91

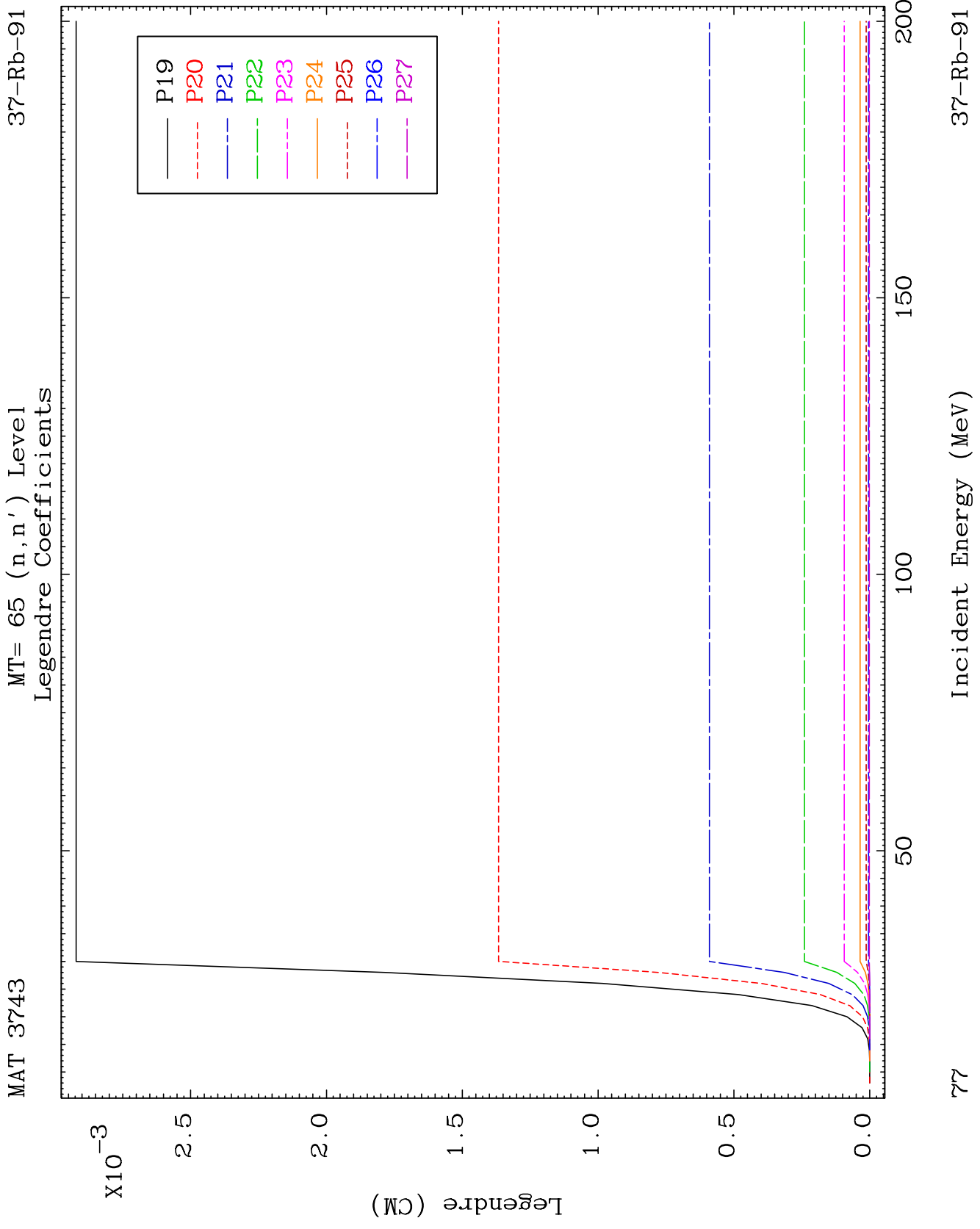
MT= 65 (n, n') Level
Legendre Coefficients

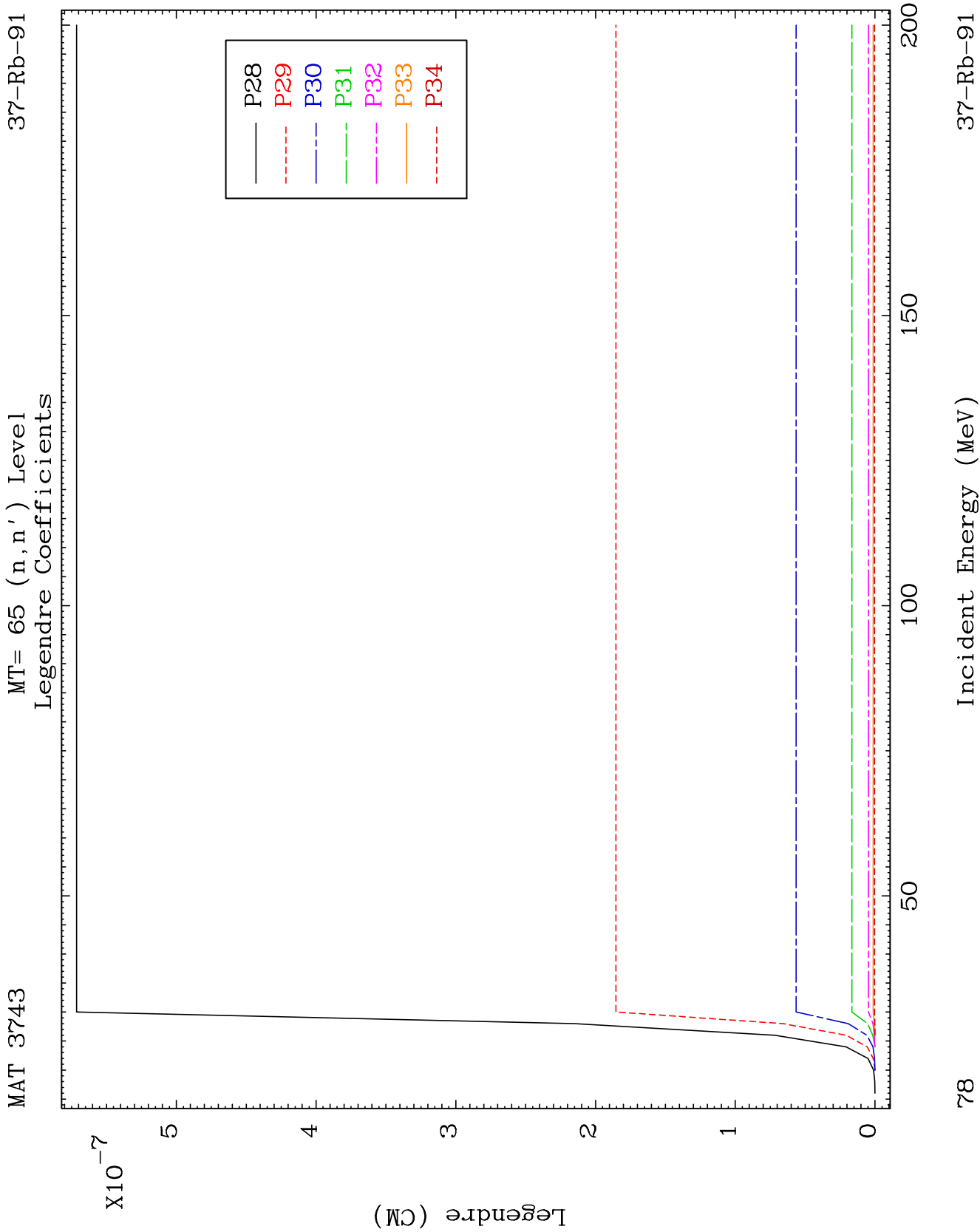


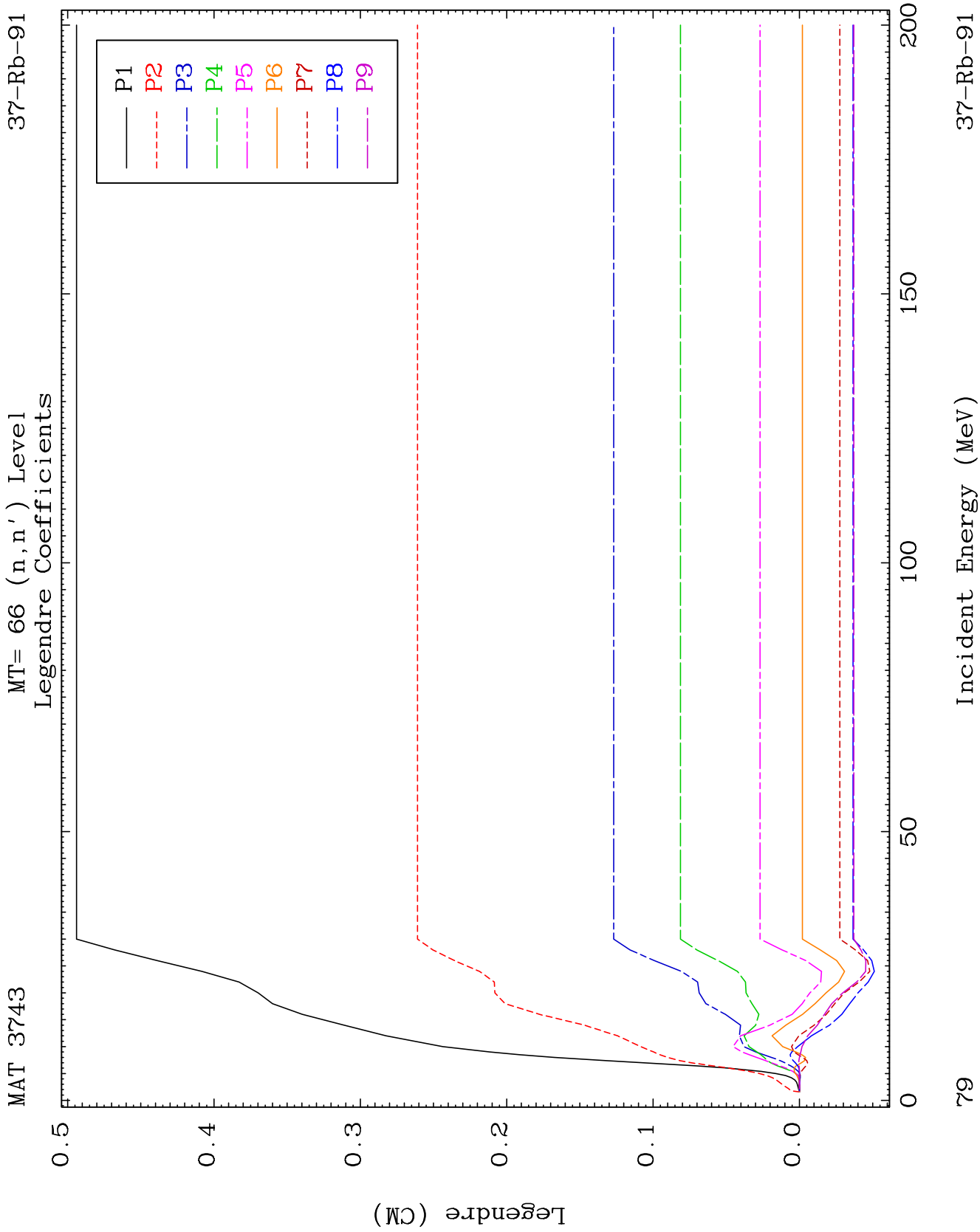
92

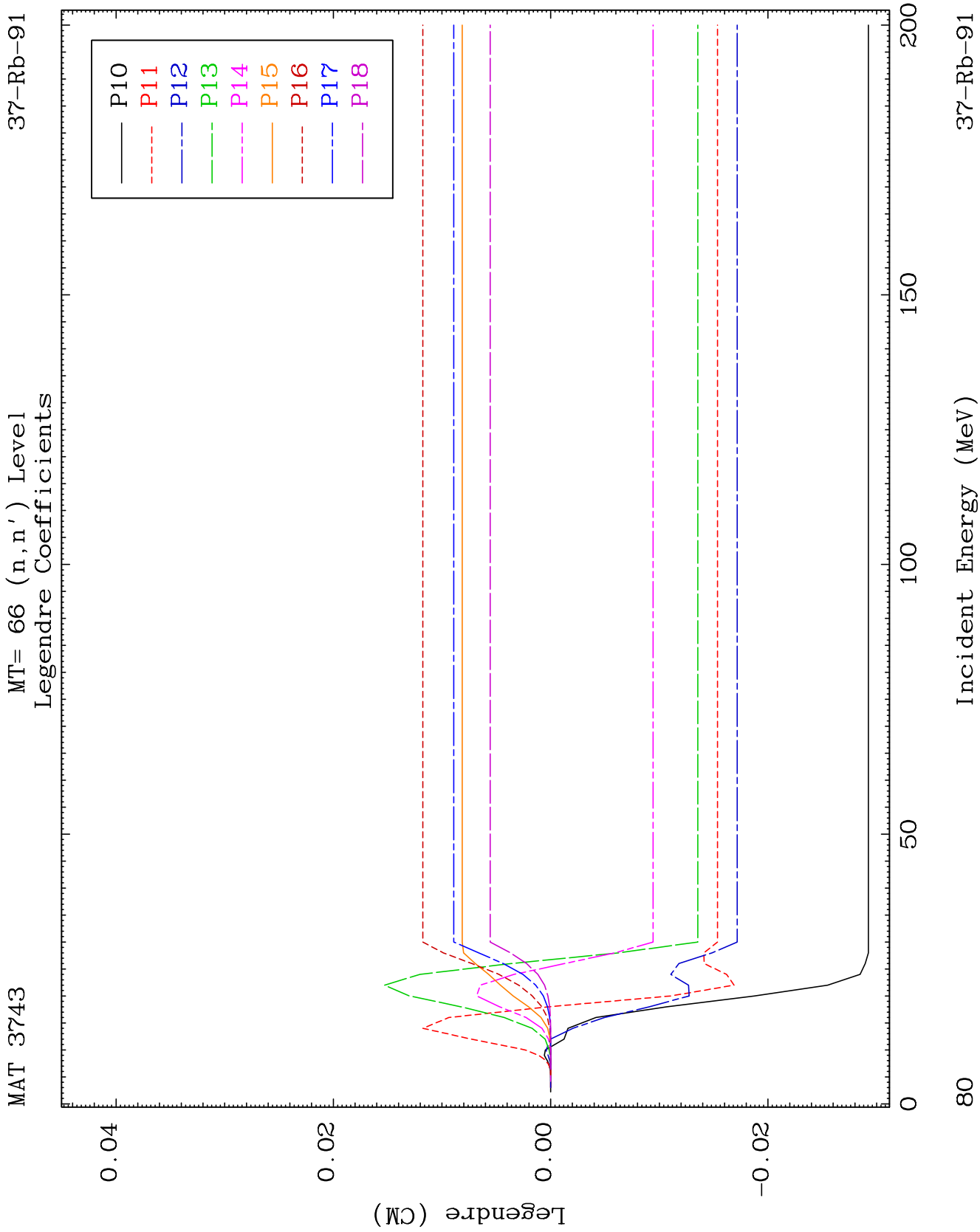
Incident Energy (MeV)

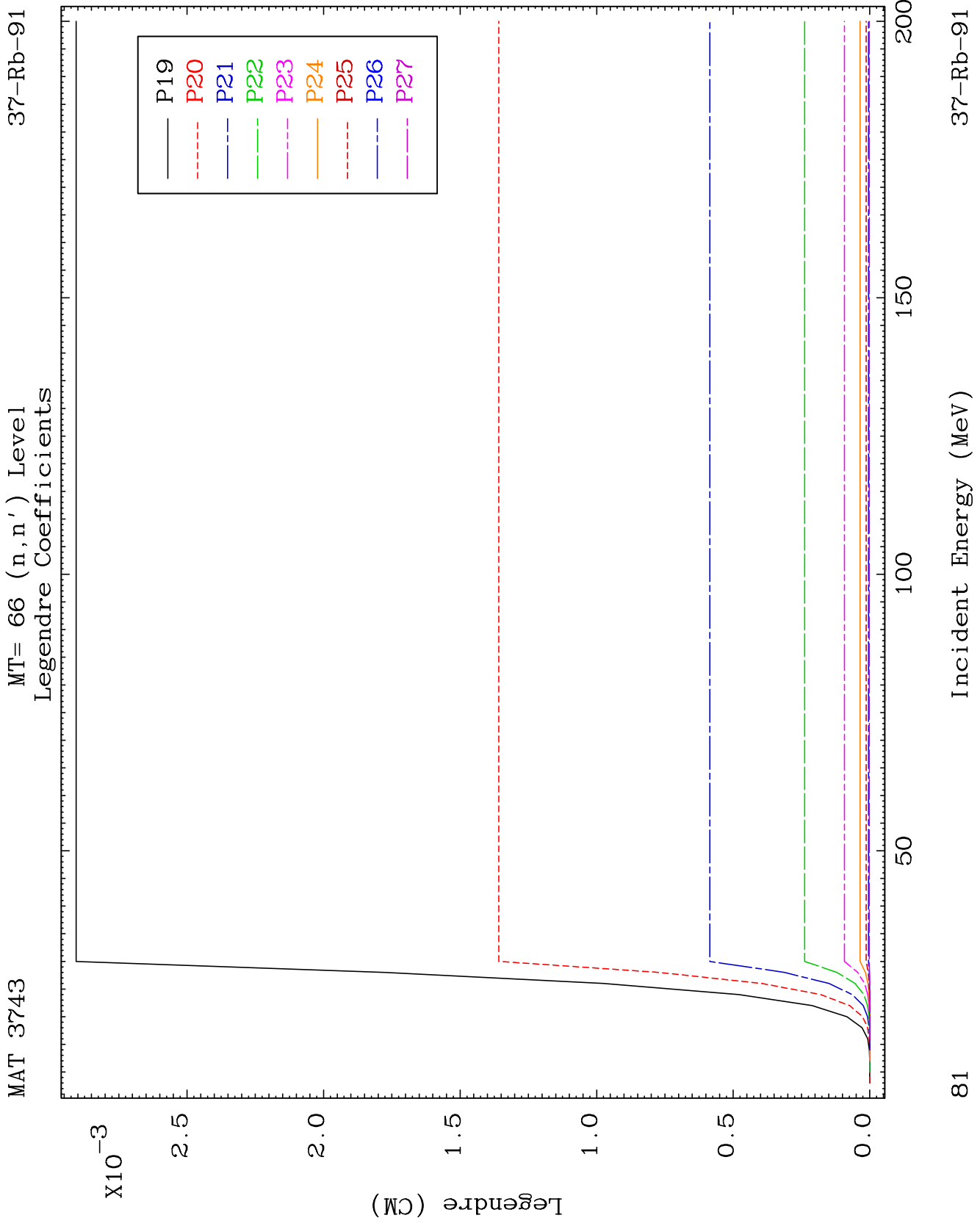
37-Rb-91

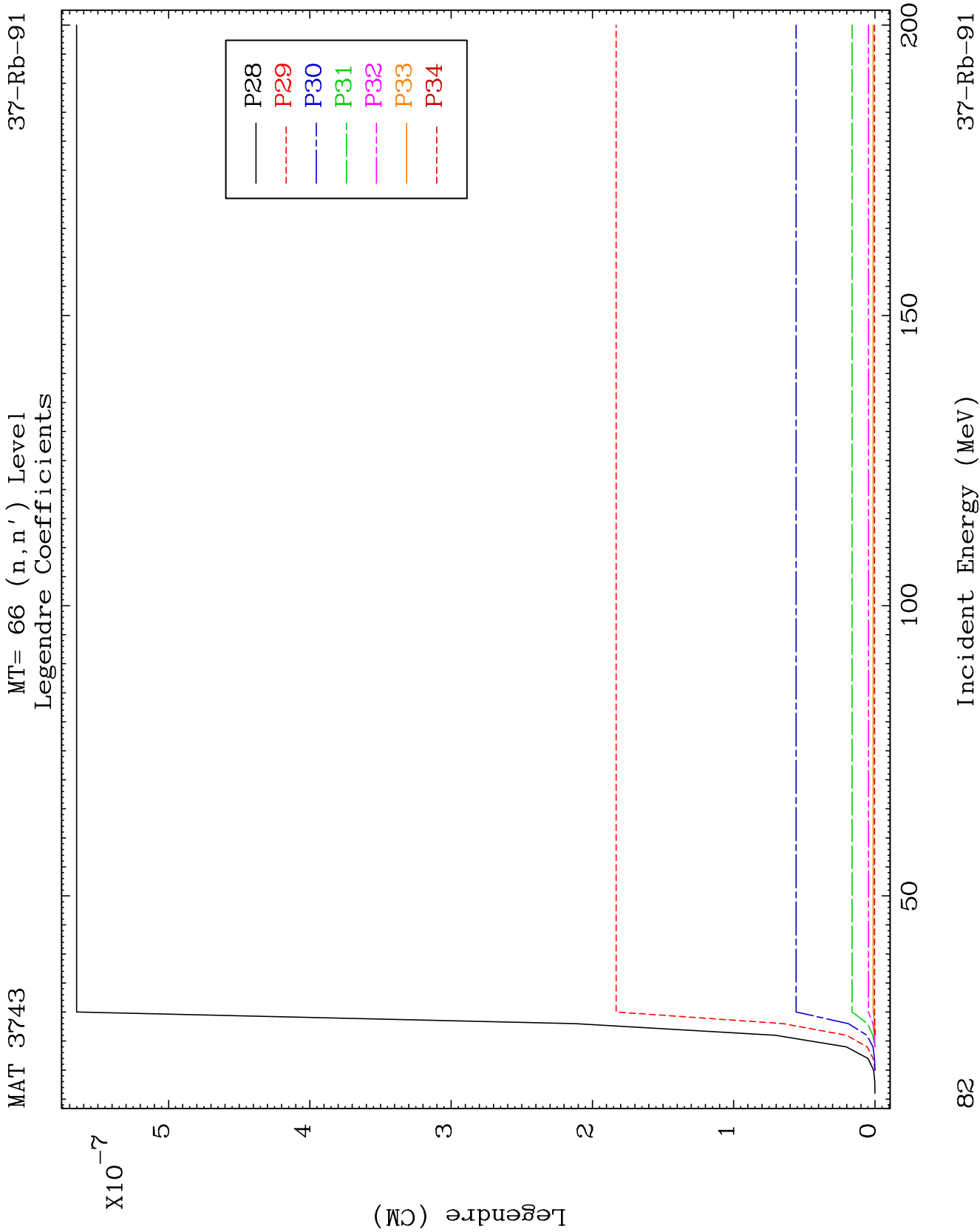








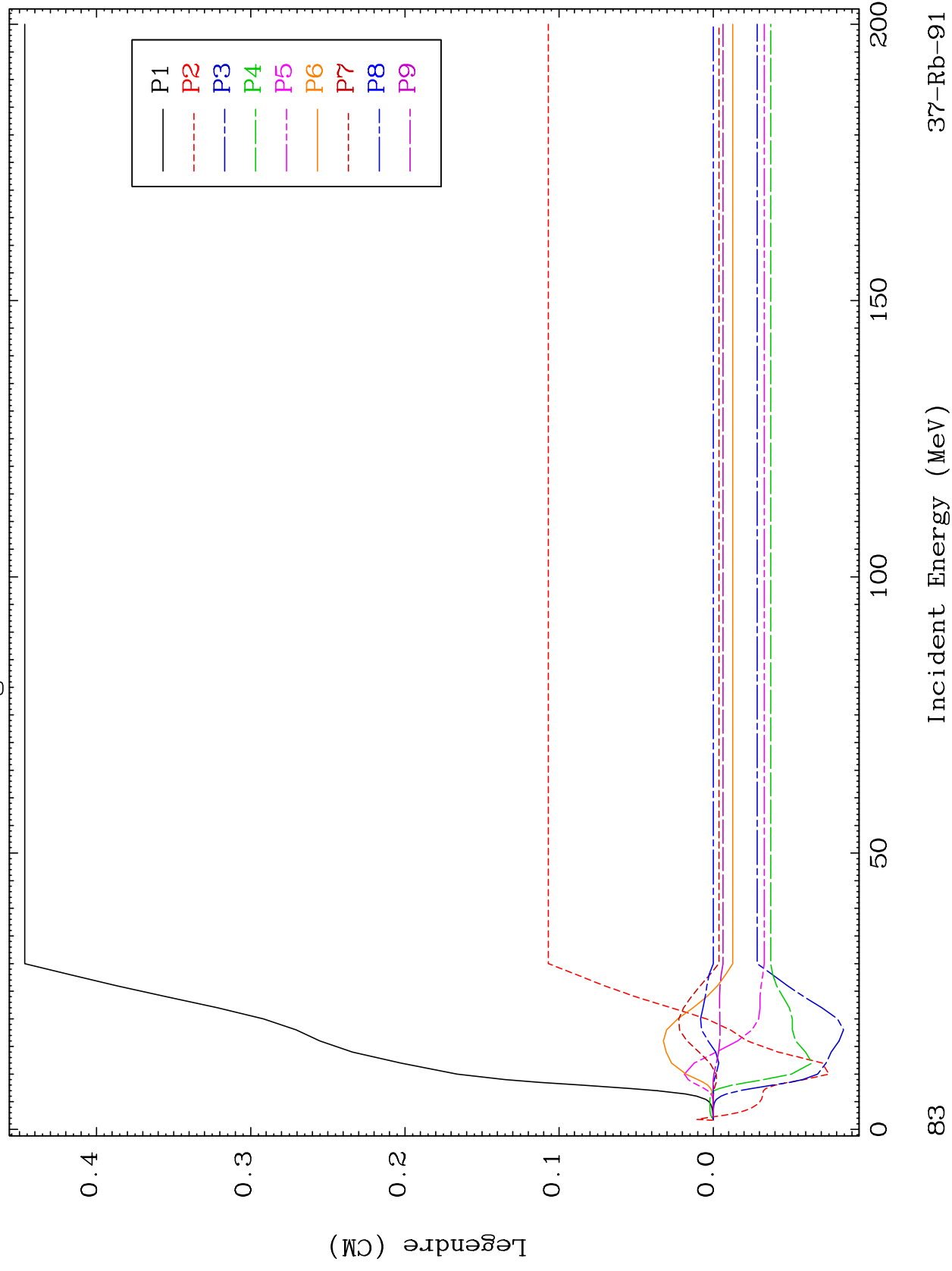


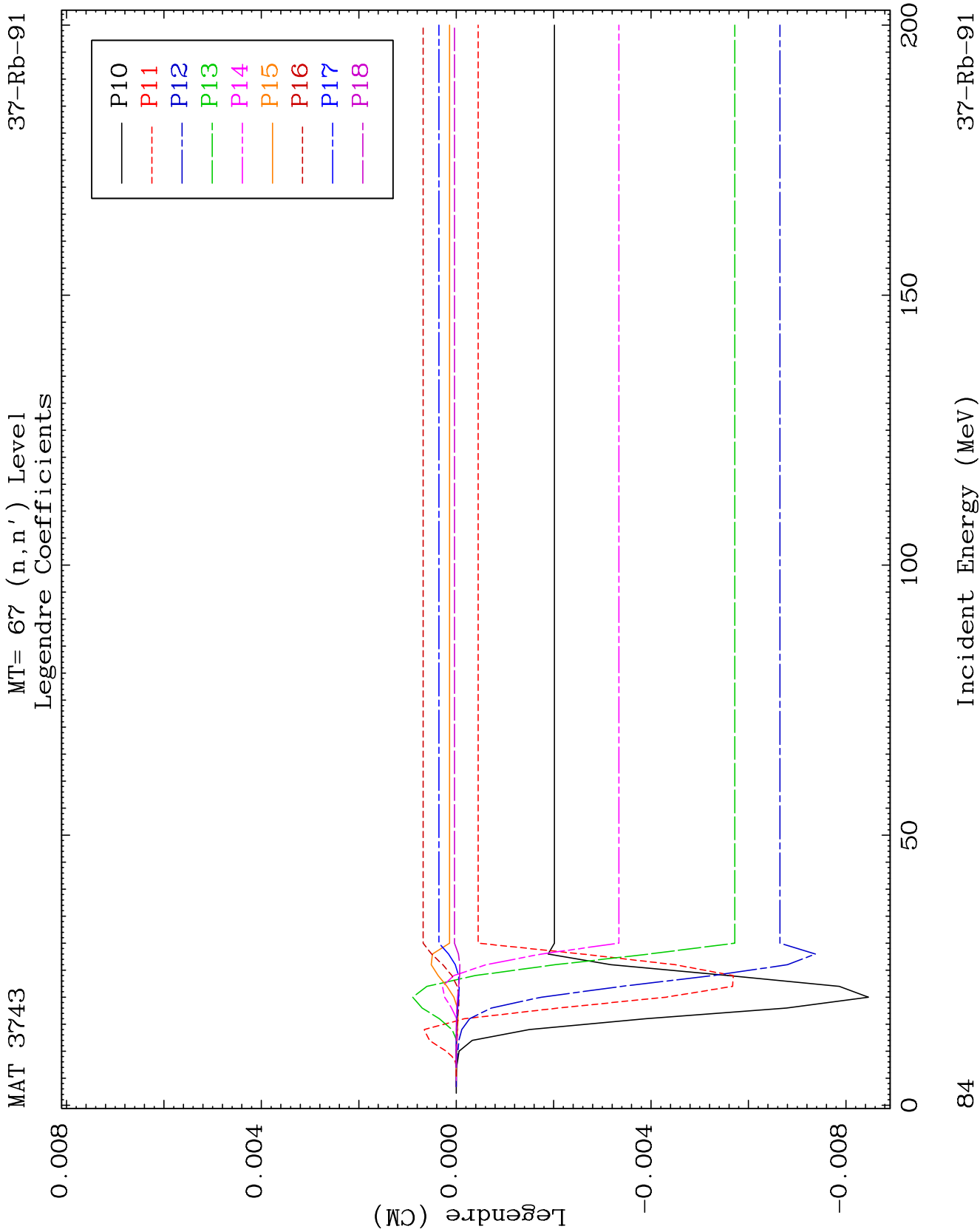


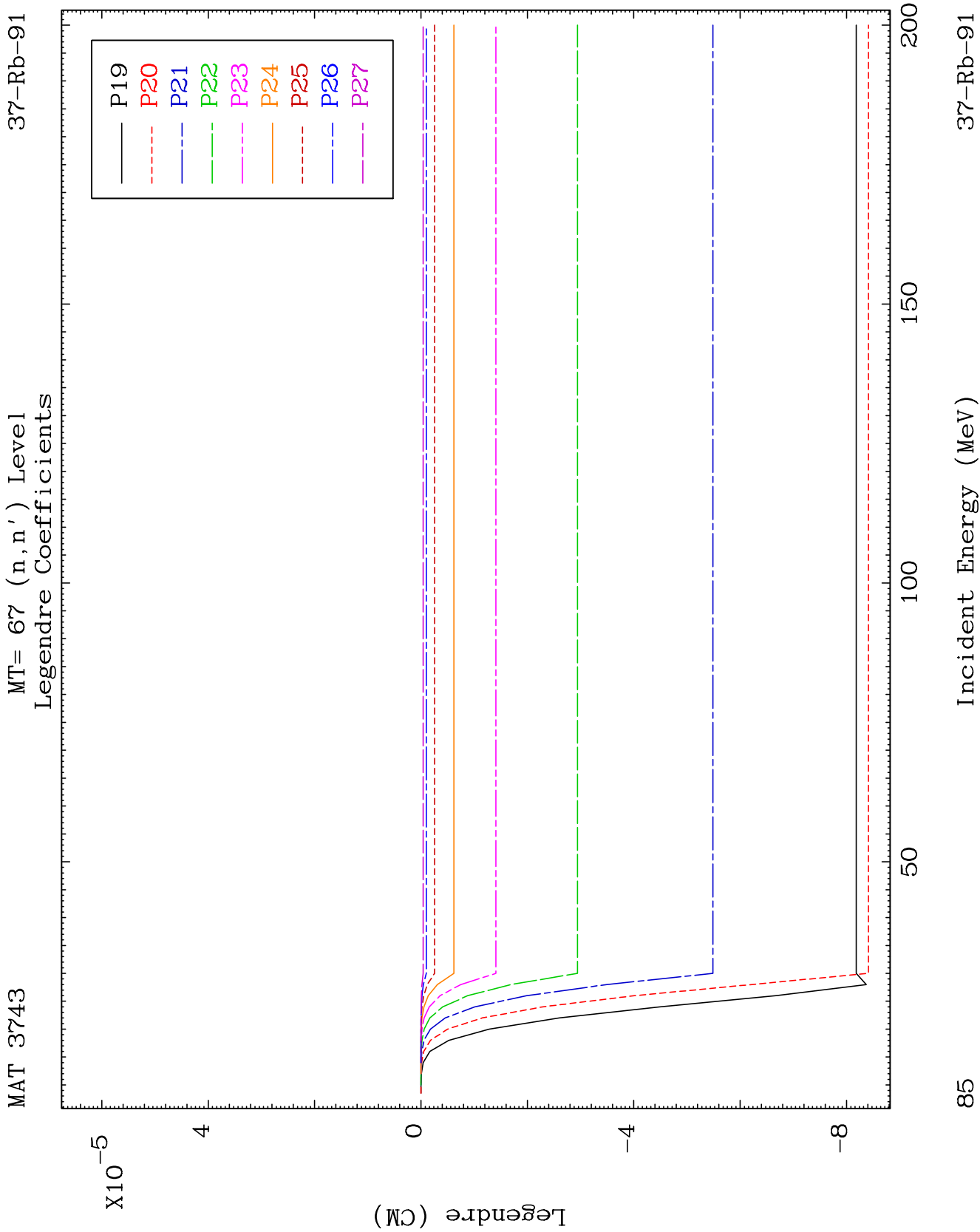
MAT 3743

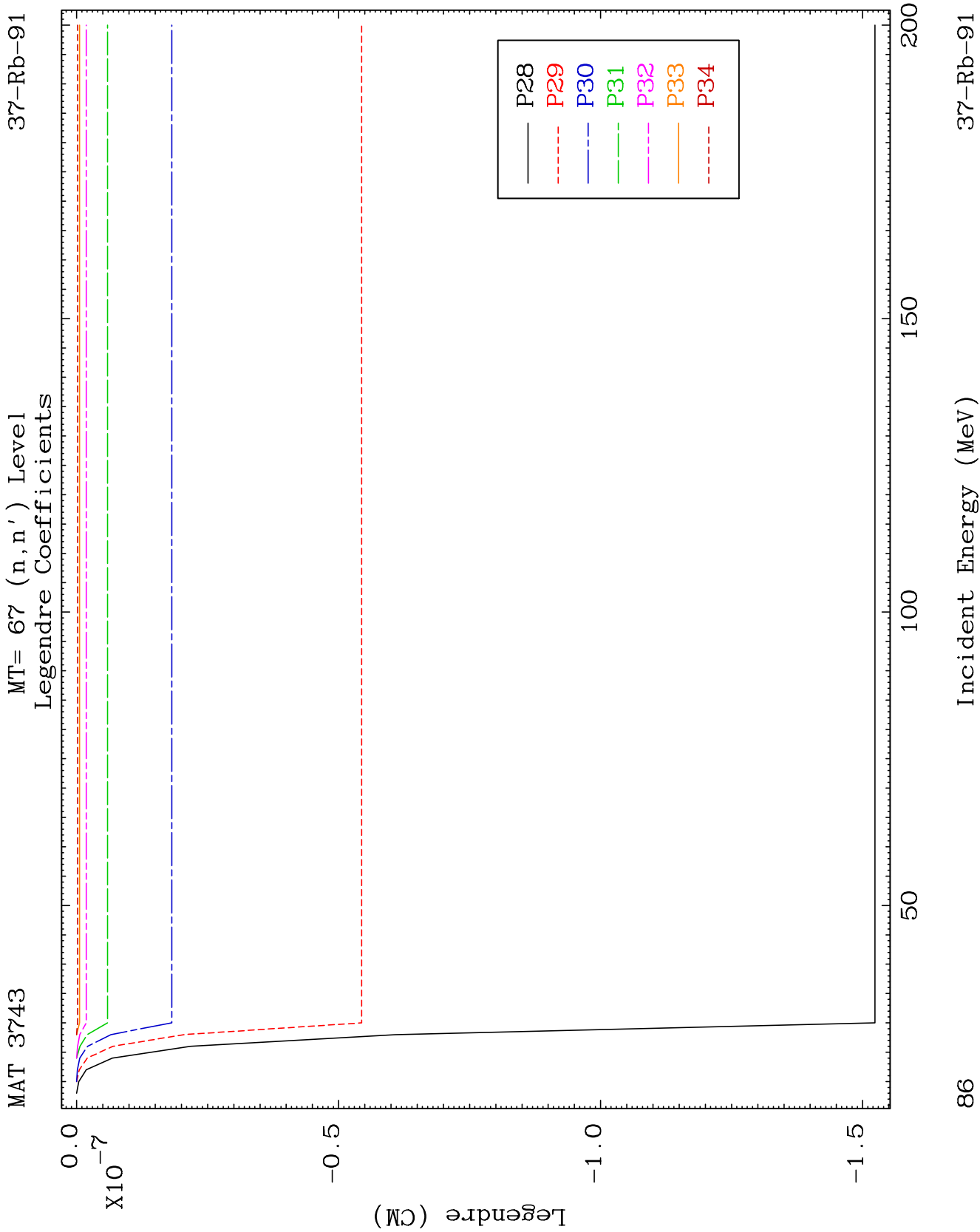
MT= 67 (n, n') Level
Legendre Coefficients

37-Rb-91





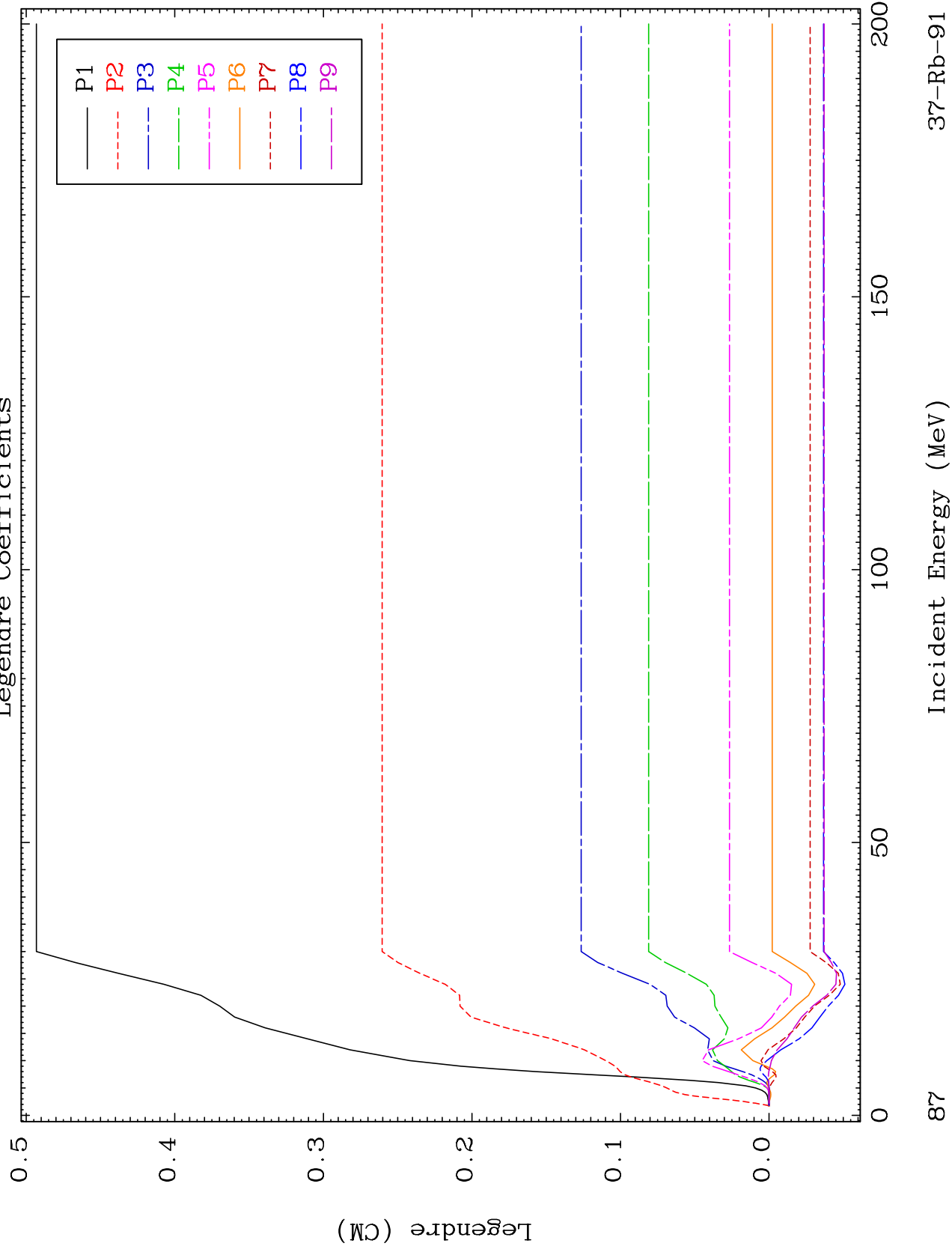


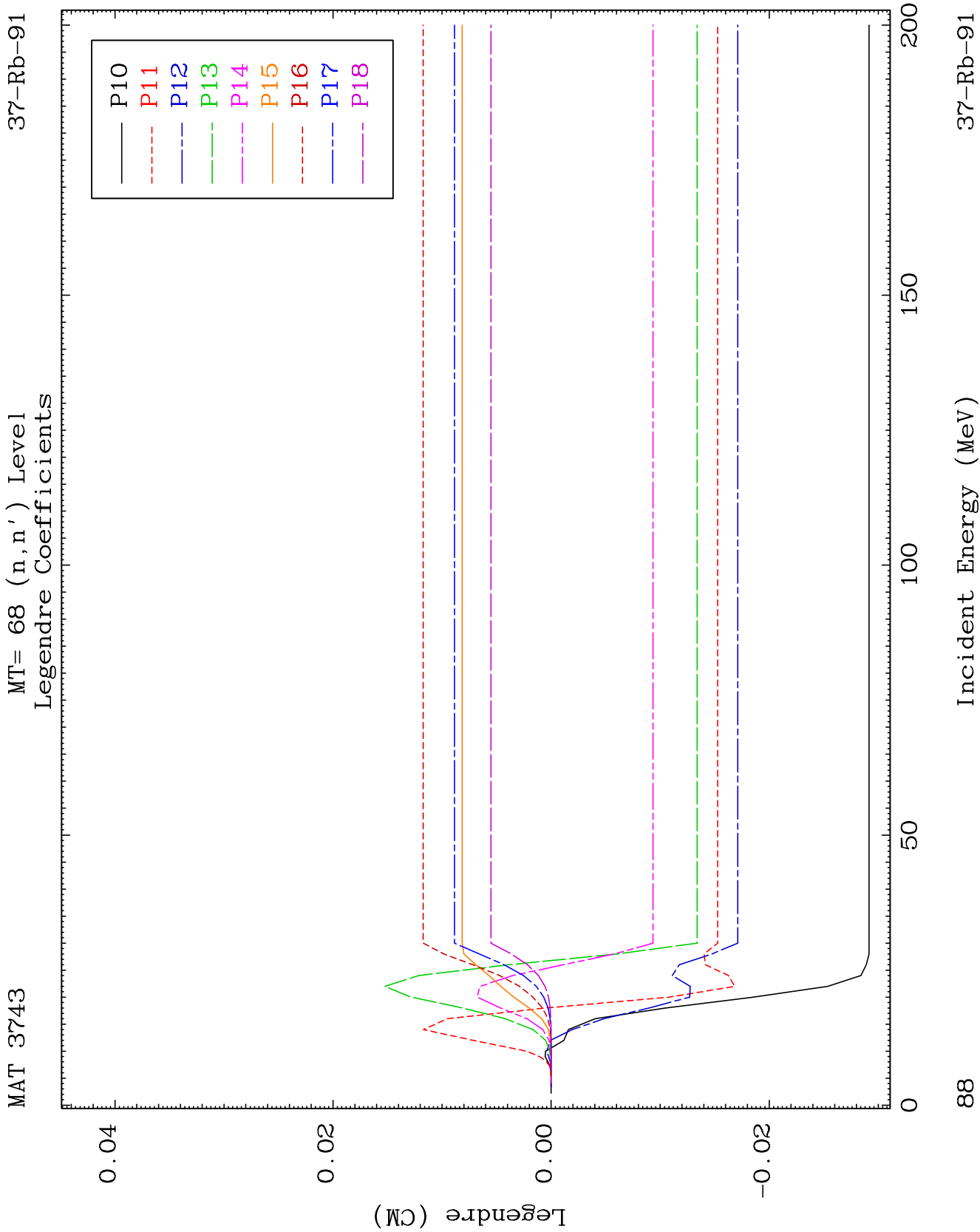


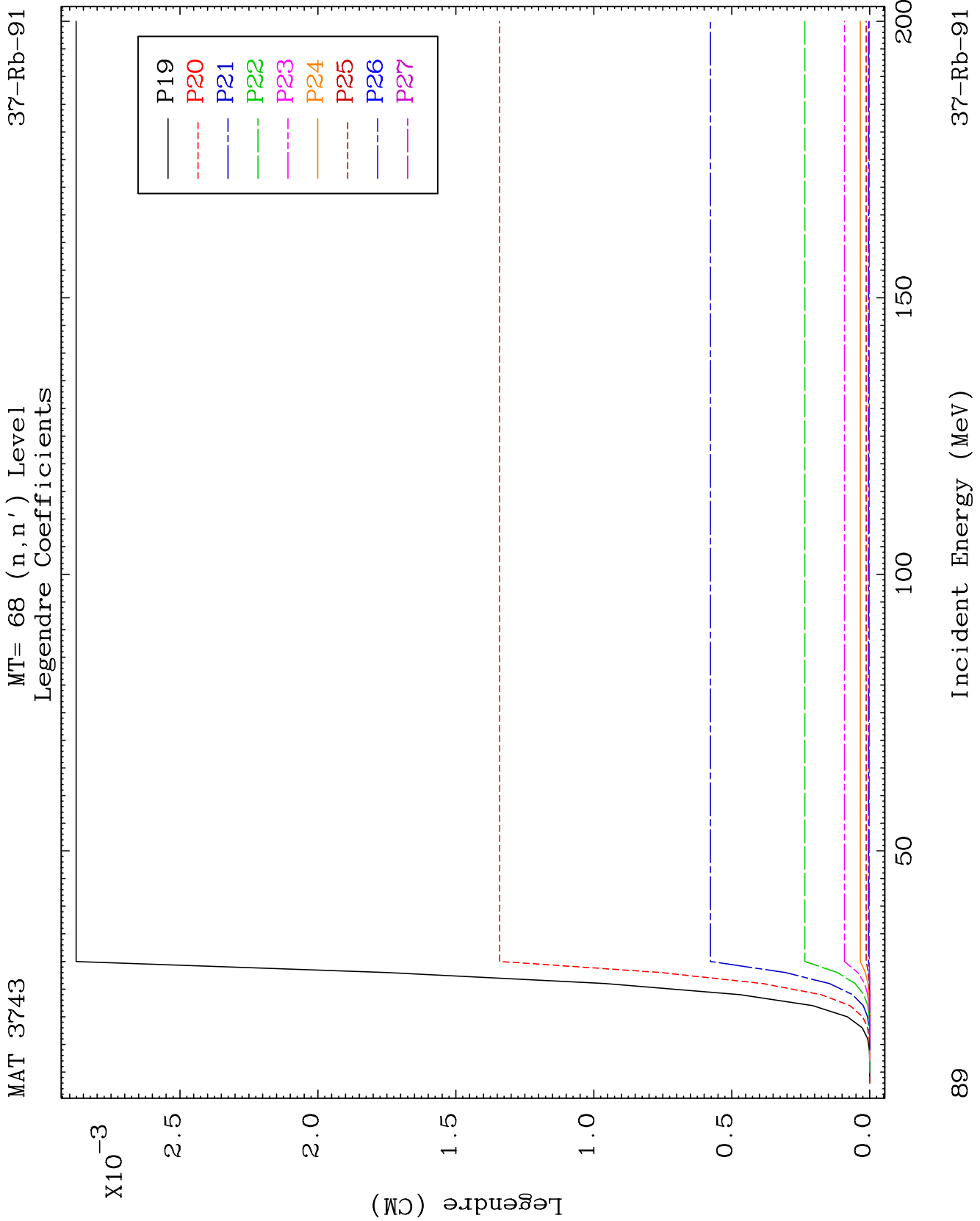
MAT 3743

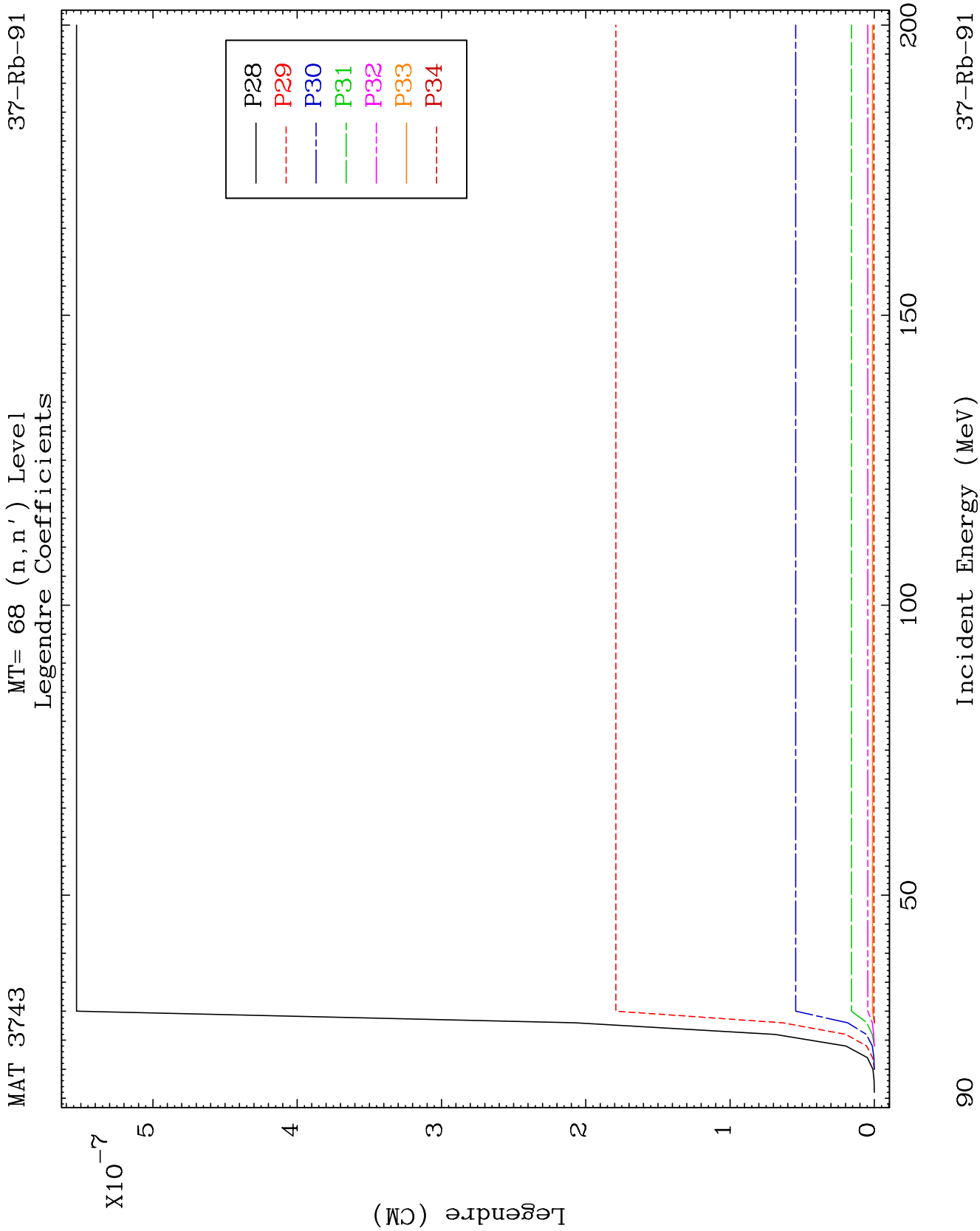
MT= 68 (n, n') Level
Legendre Coefficients

37-Rb-91





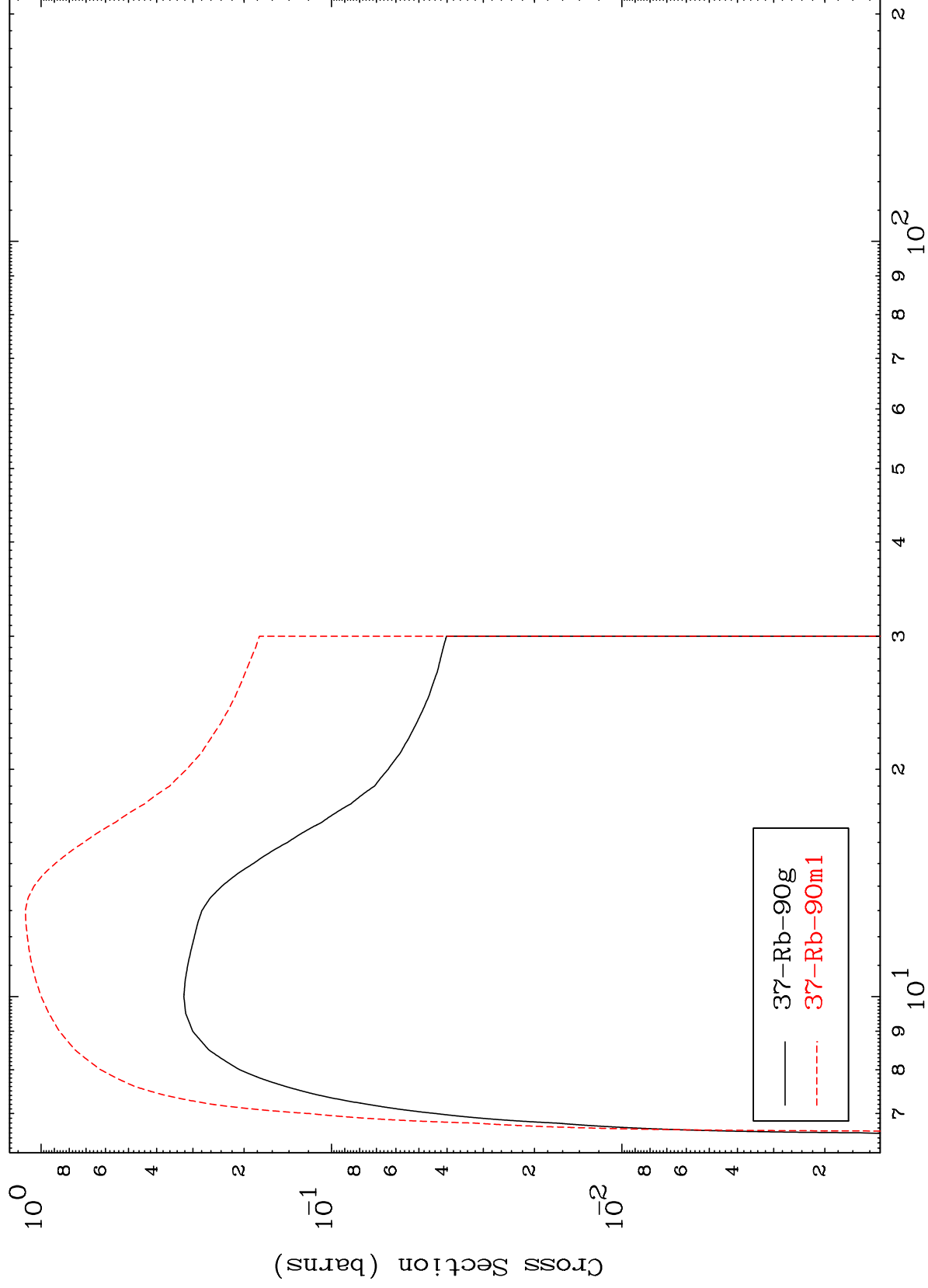




MAT 3743

37-Rb-91

(n,2n)
Radionuclide Production Cross Section



91

Incident Energy (MeV)

37-Rb-91