

Program EVALPLOT
(Version 2021-1)

by

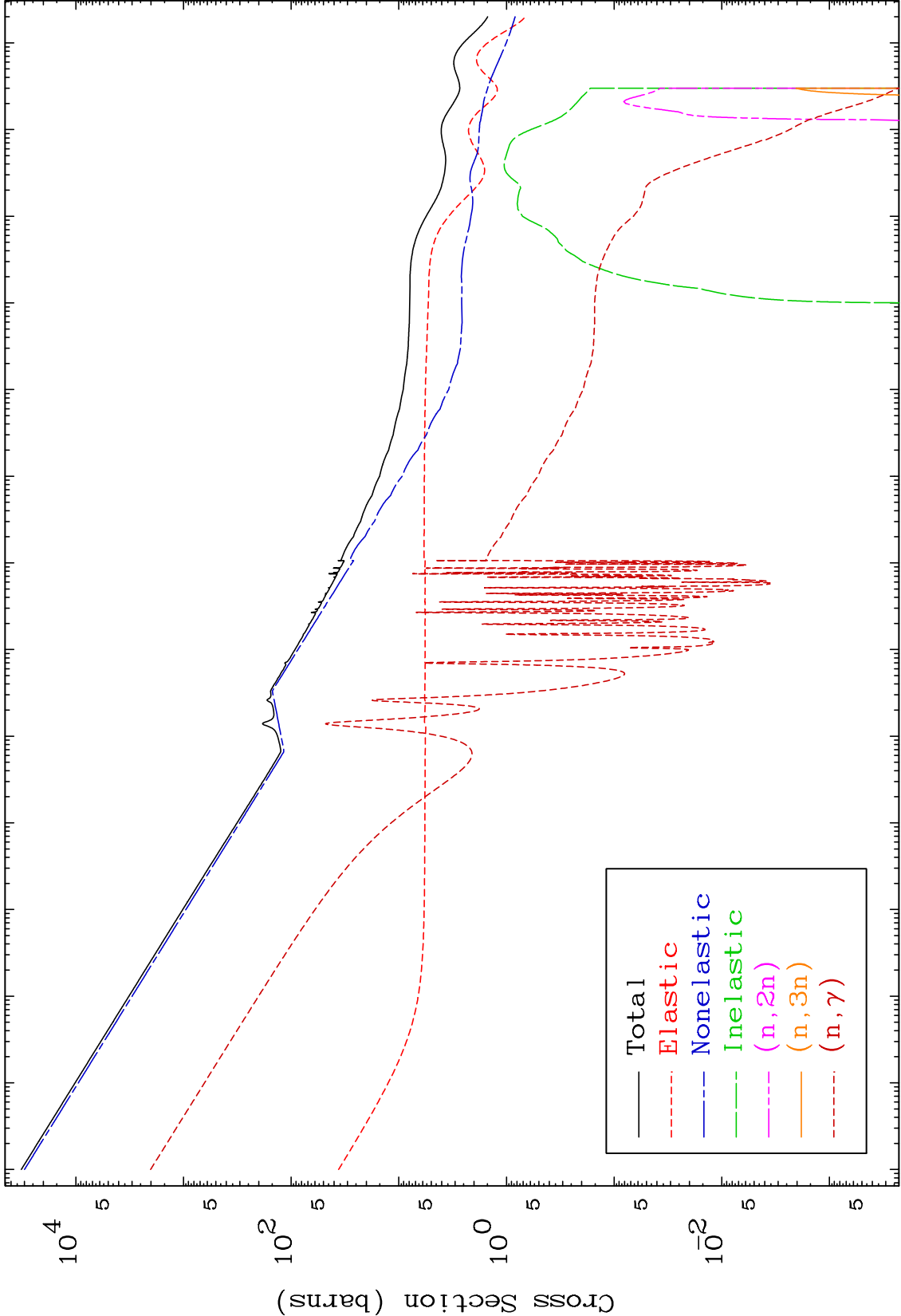
Dermott E. Cullen
(Present Contact Information)

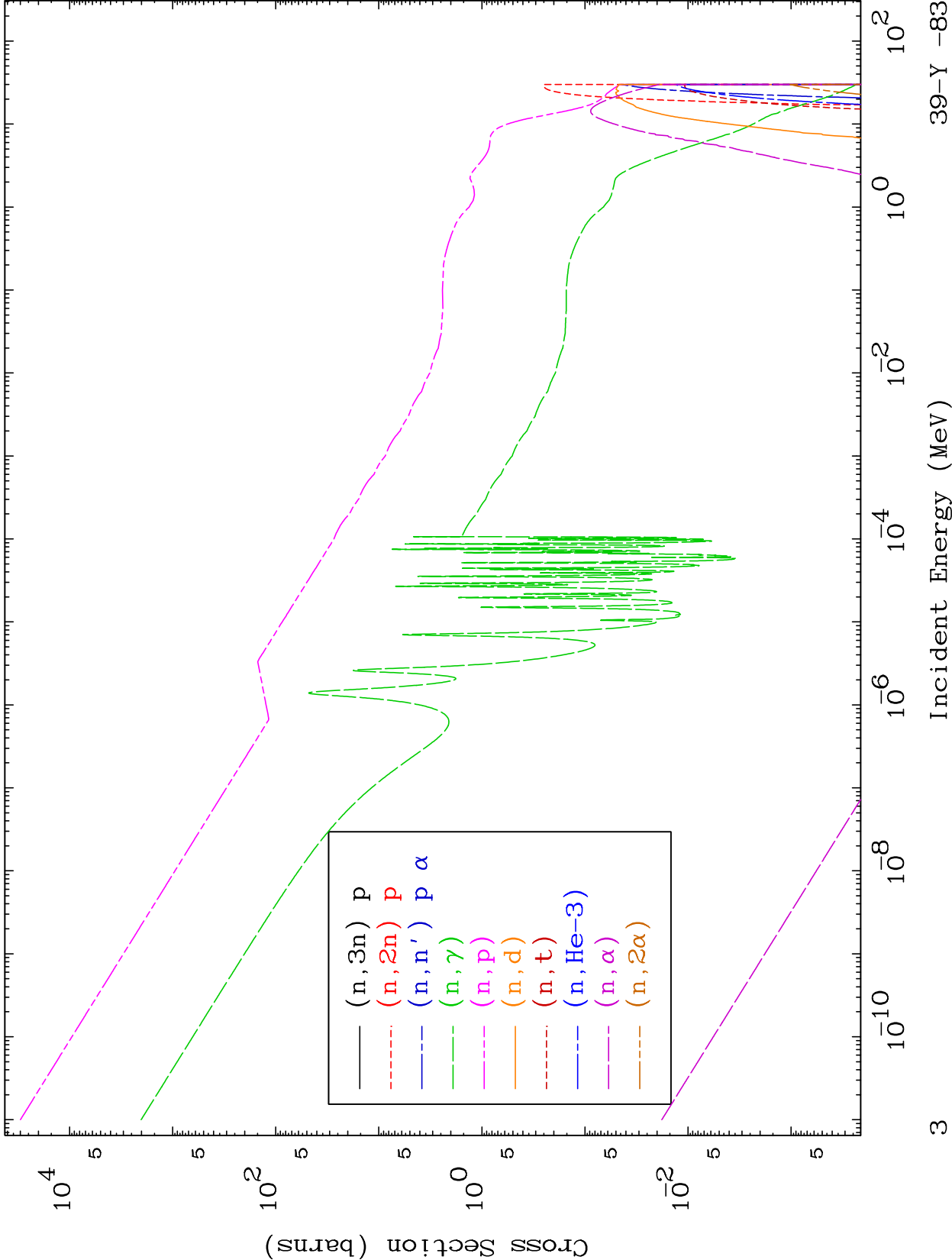
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

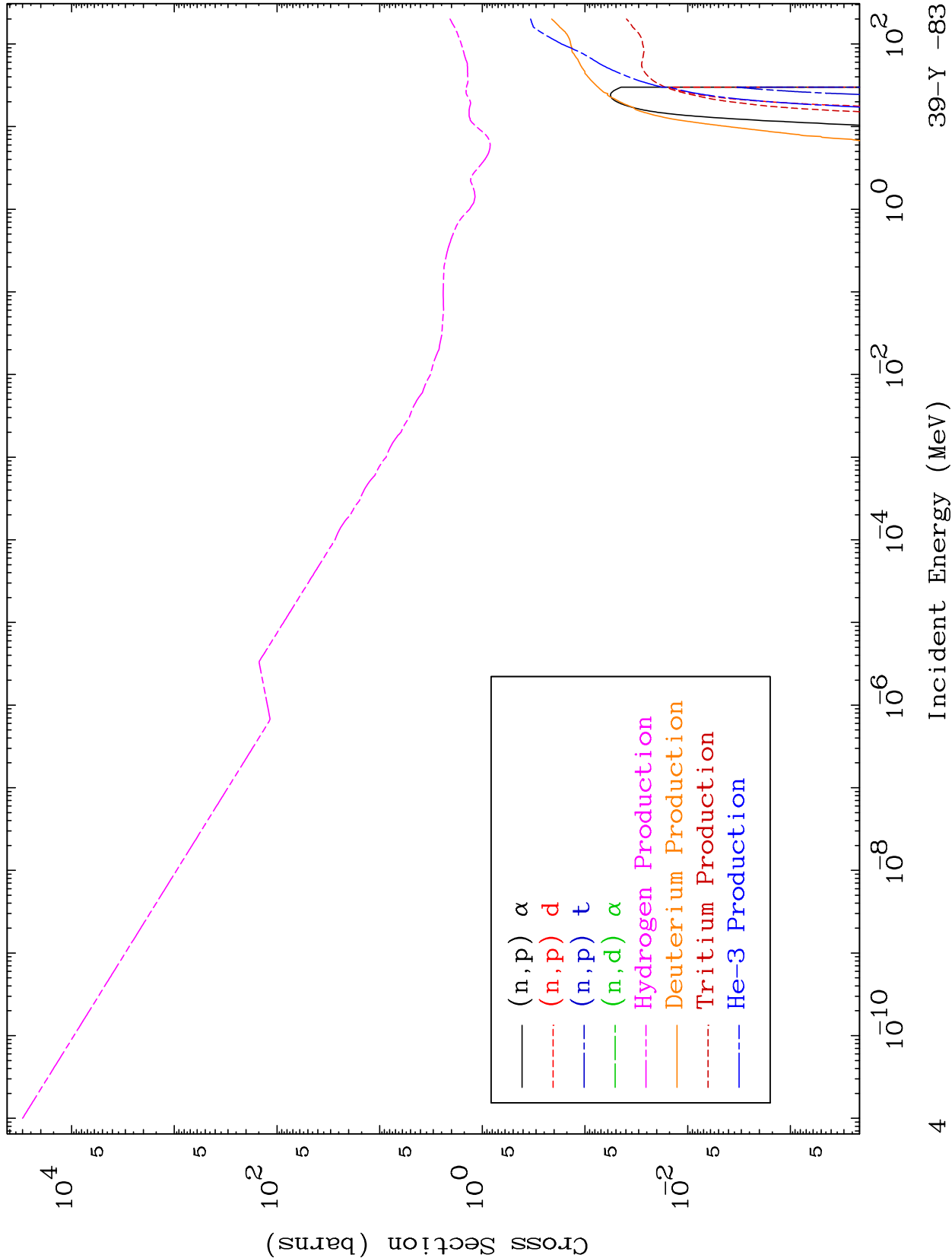
Tele: 925-443-1911

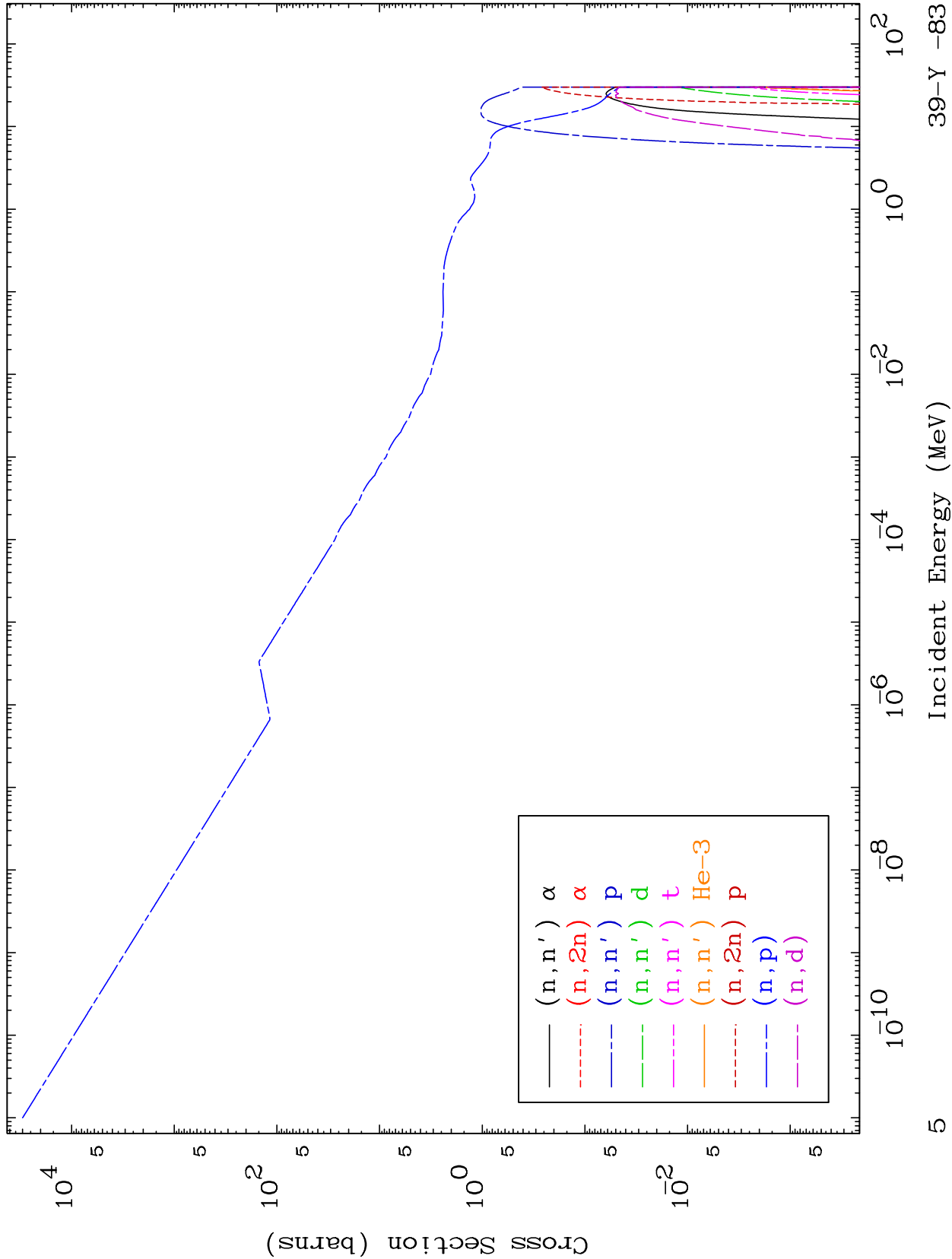
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





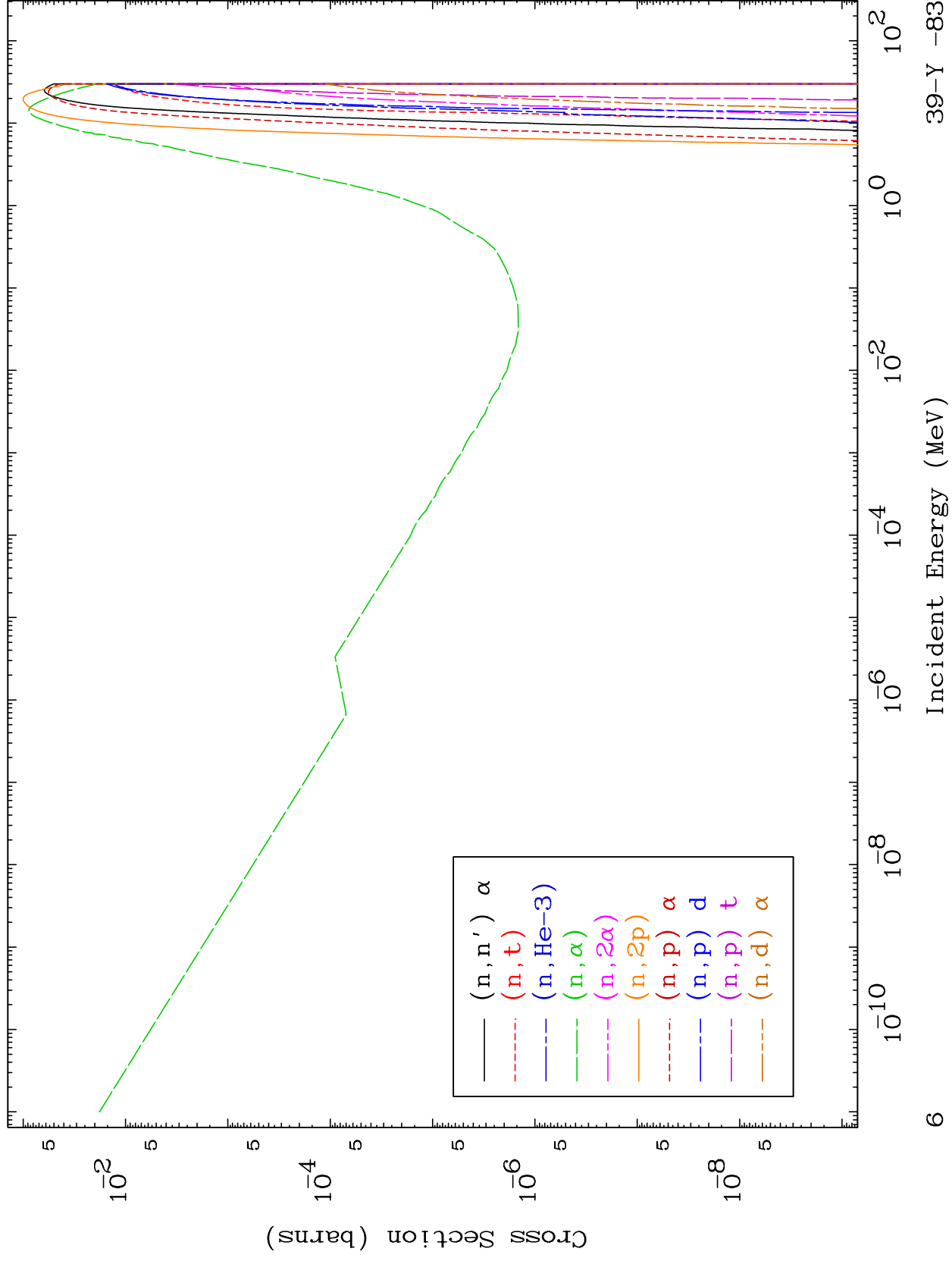




MAT 3907

Charged Particle
293 Kelvin Cross Sections

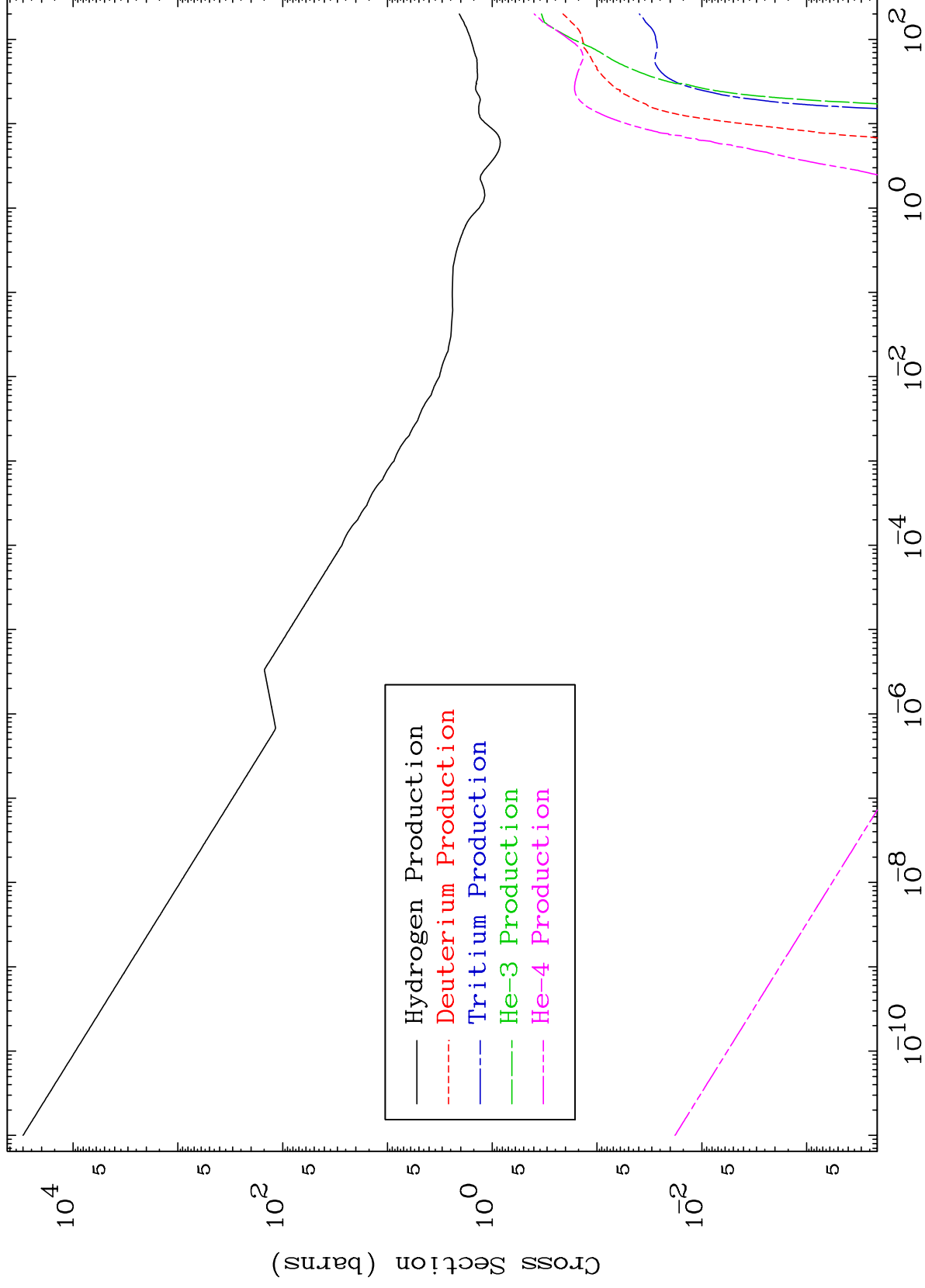
39-Y -83

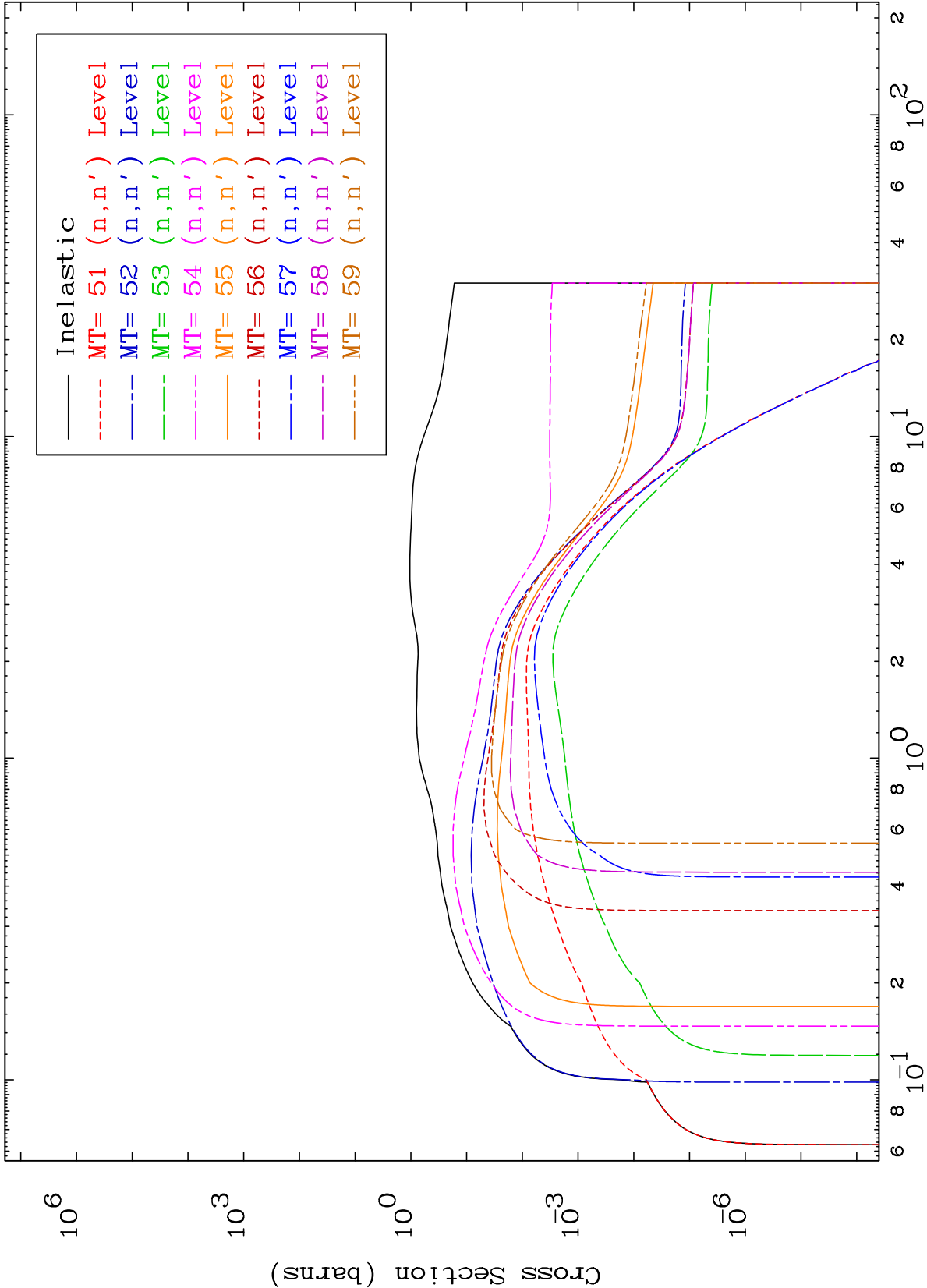


MAT 3907

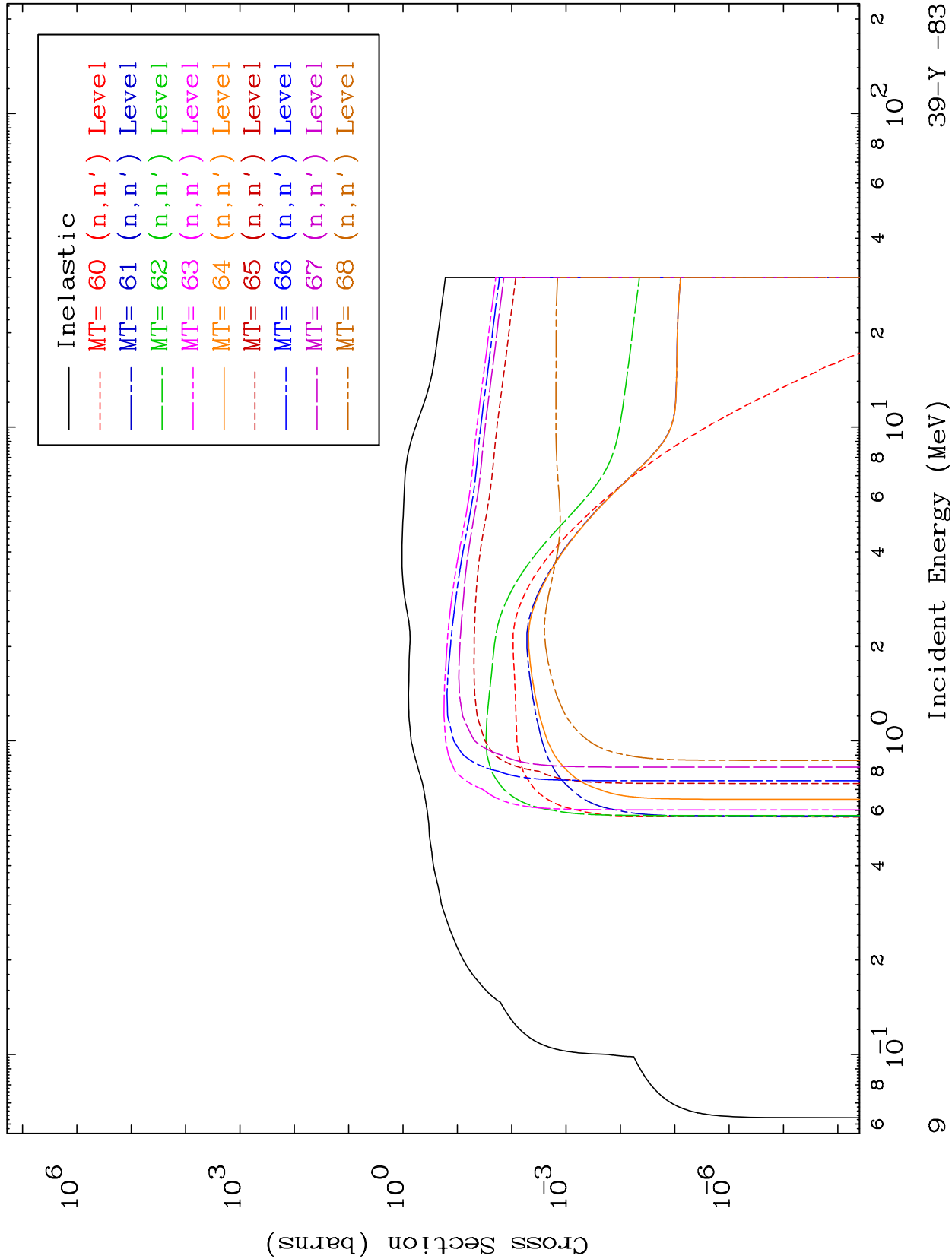
Particle Production
293 Kelvin Cross Sections

39-Y -83





(n,n') Levels
293 Kelvin Cross Sections

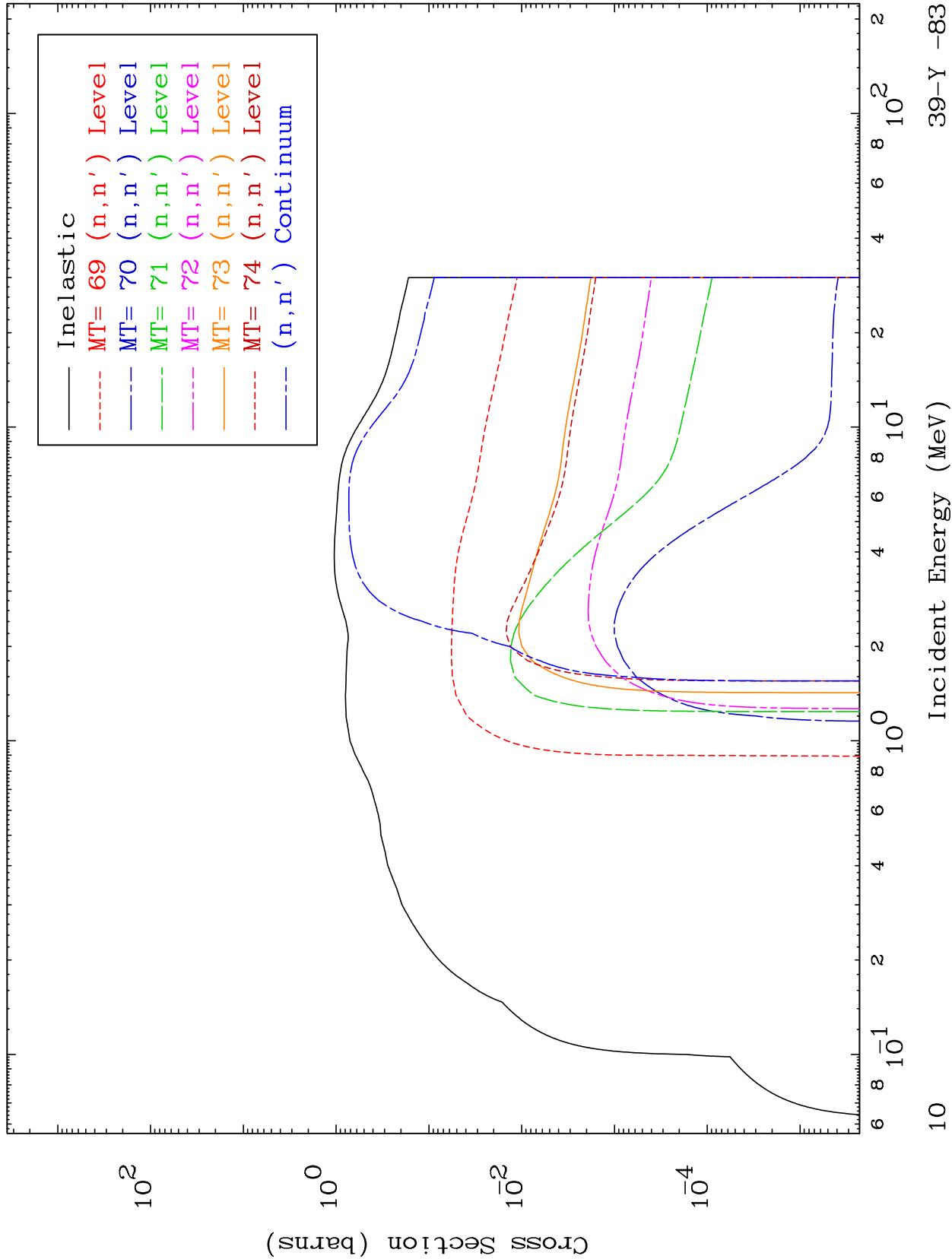


MAT 3907

(n,n') Levels

293 Kelvin Cross Sections

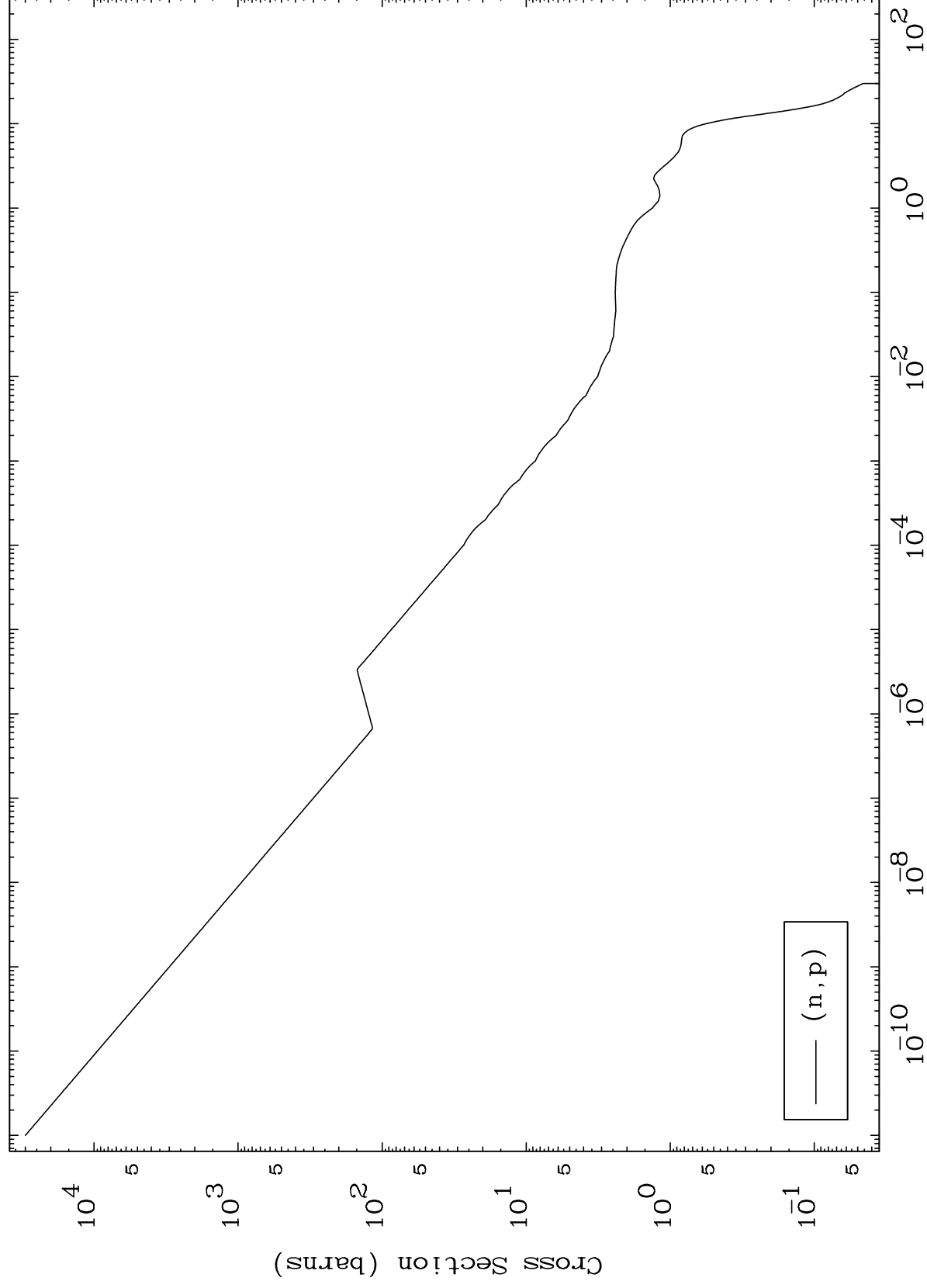
39-Y -83



MAT 3907

(n,p) Levels
293 Kelvin Cross Sections

39-Y -83



11

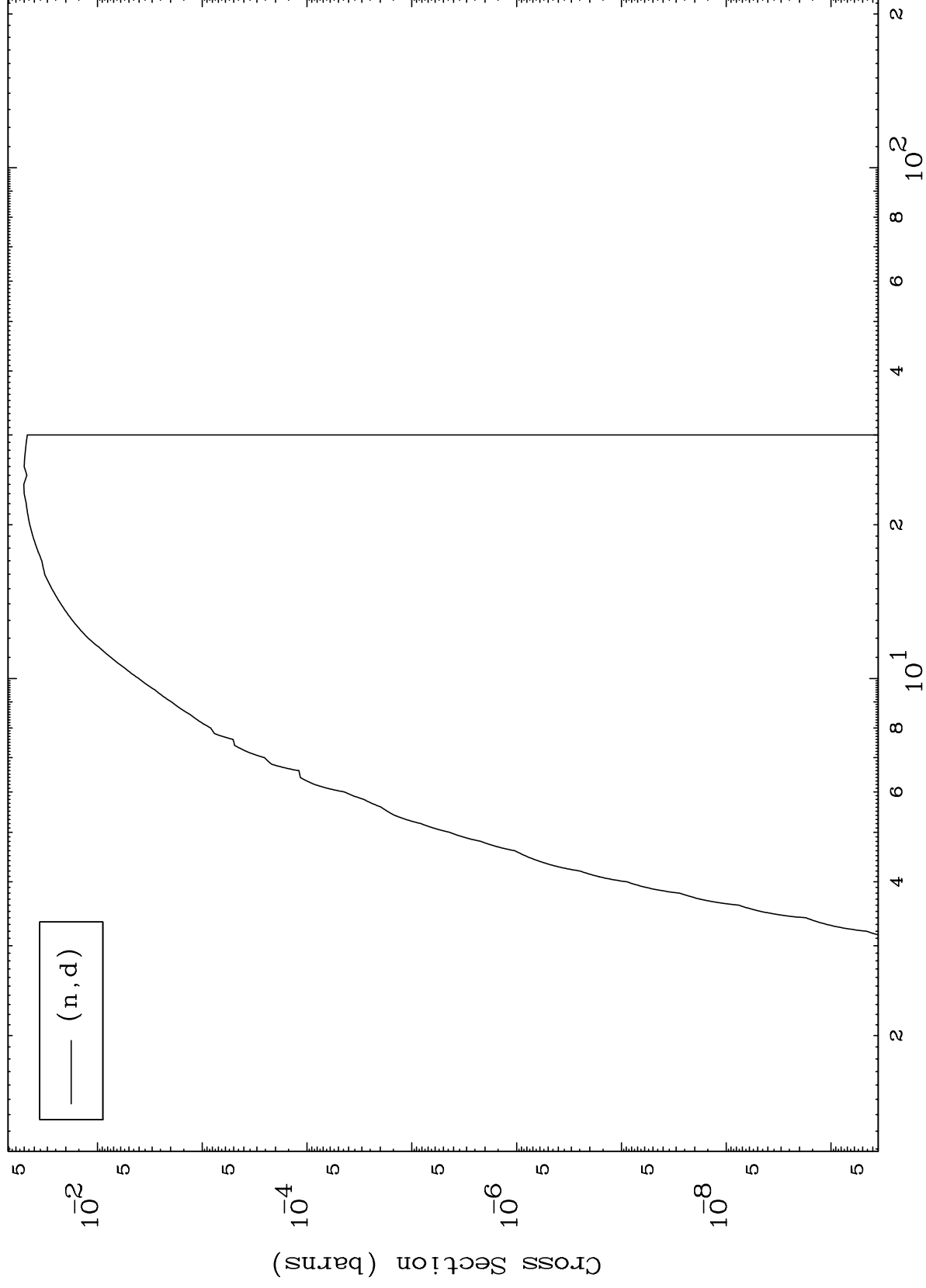
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

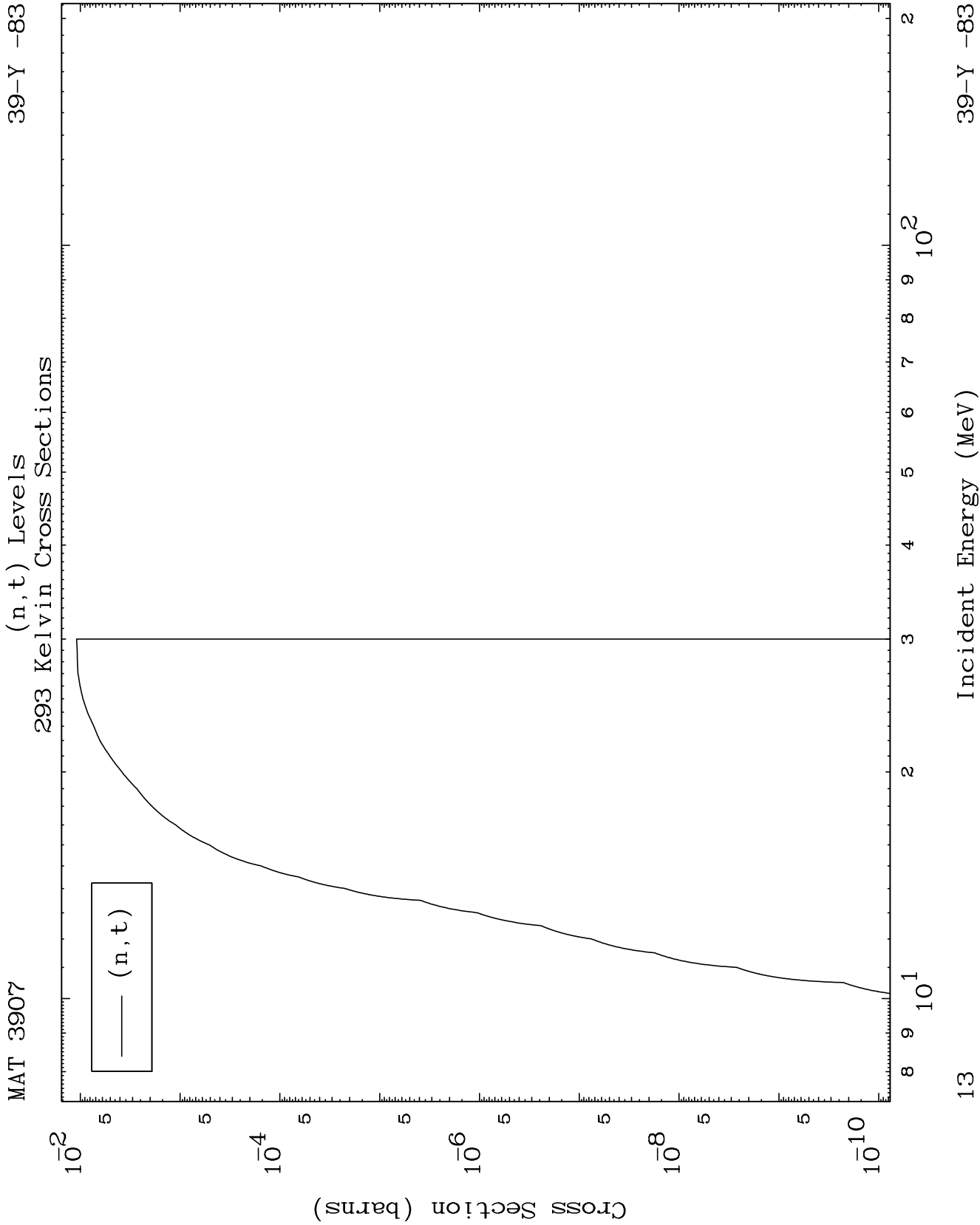
293 Kelvin Cross Sections
(n,d) Levels



12

Incident Energy (MeV)

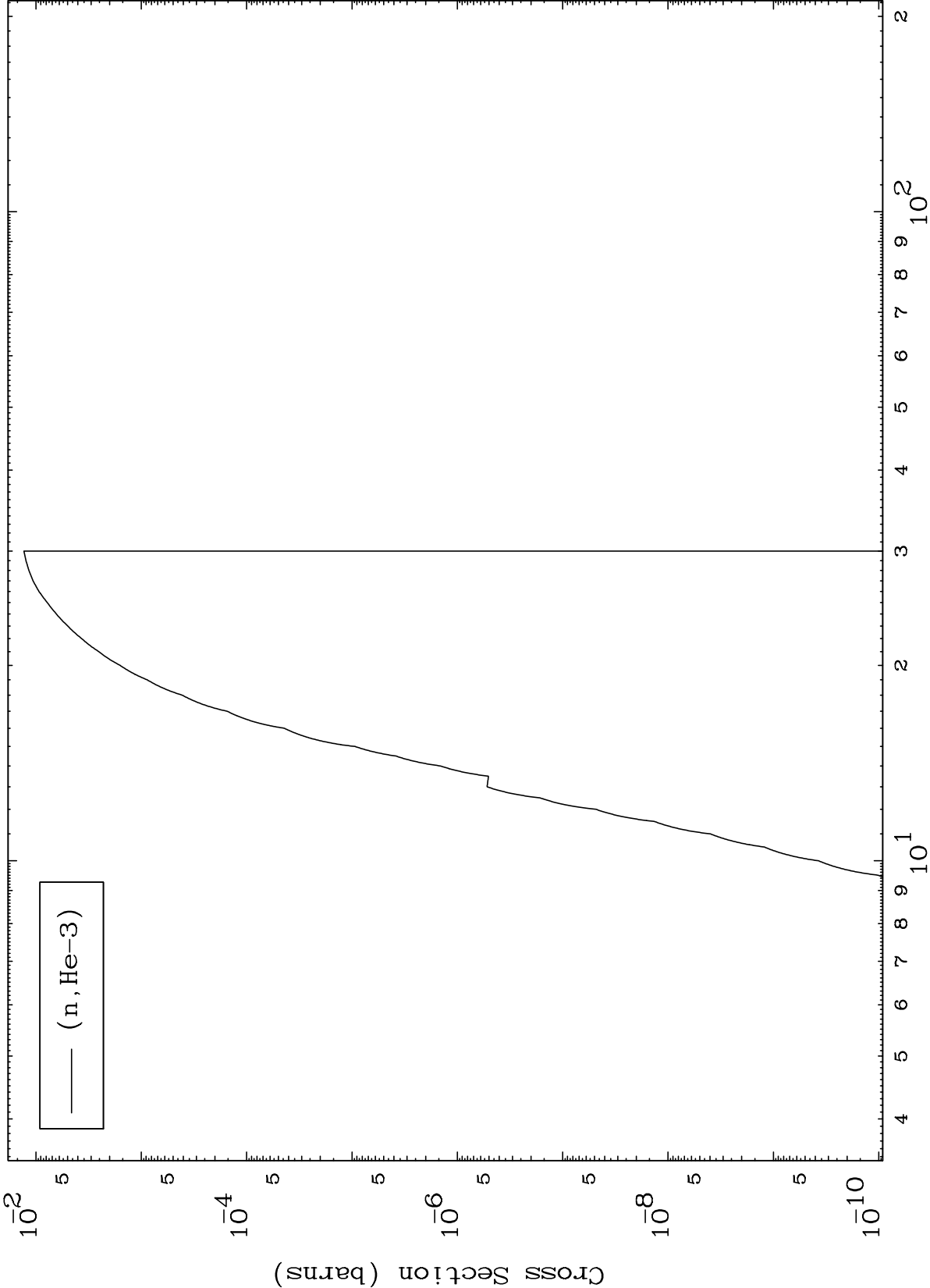
39-Y -83



MAT 3907

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -83



14

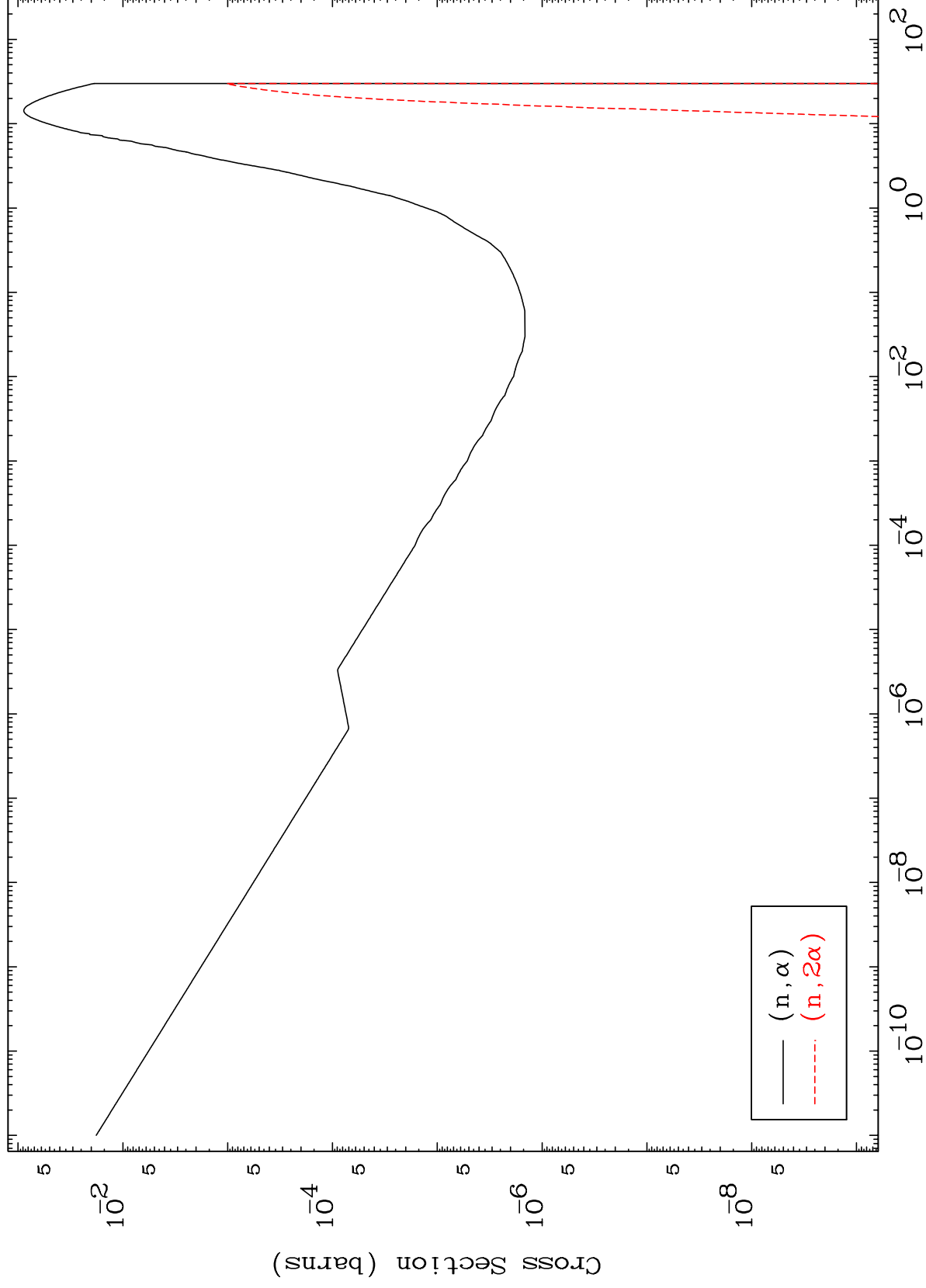
Incident Energy (MeV)

39-Y -83

MAT 3907

(n, α) Levels
293 Kelvin Cross Sections

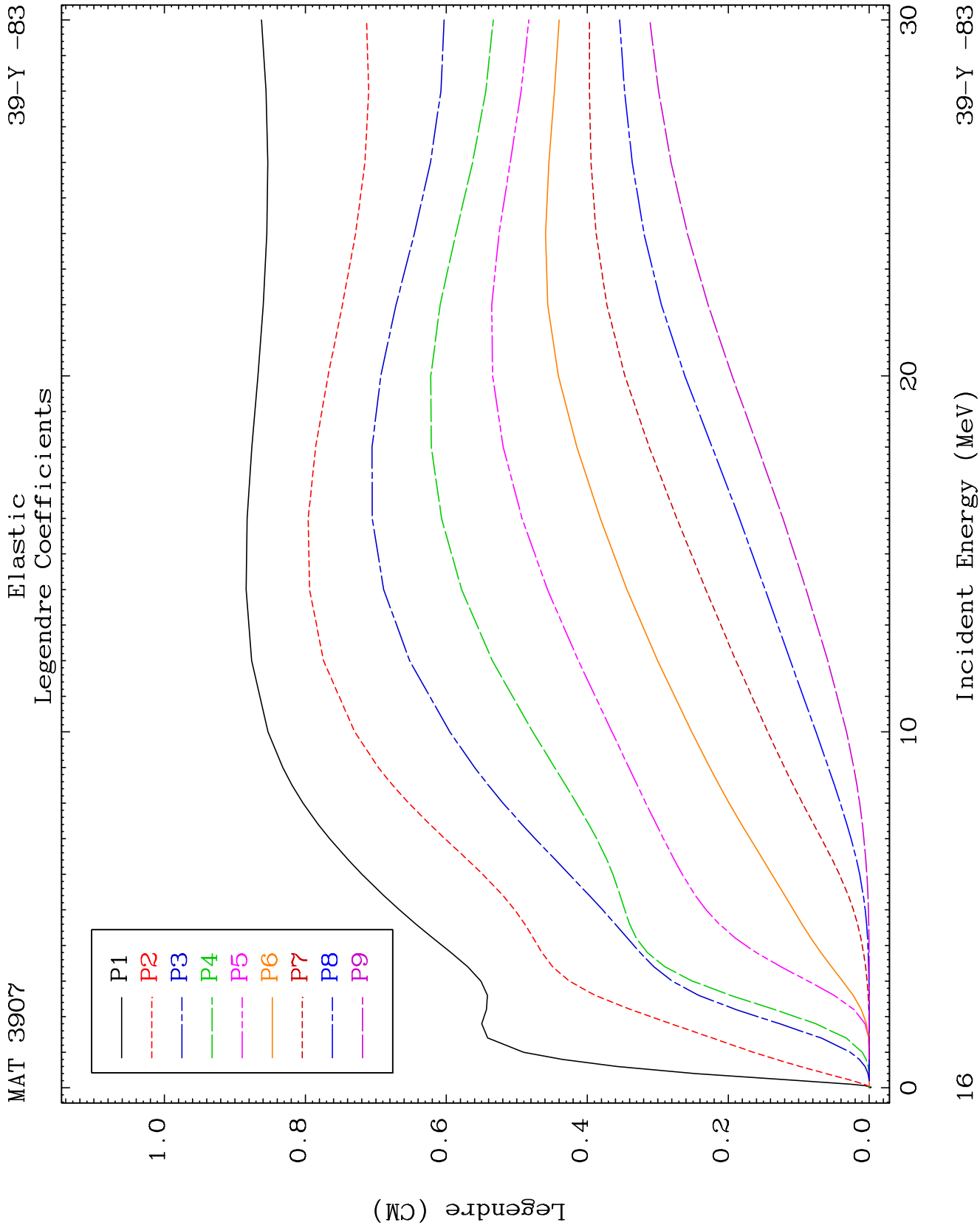
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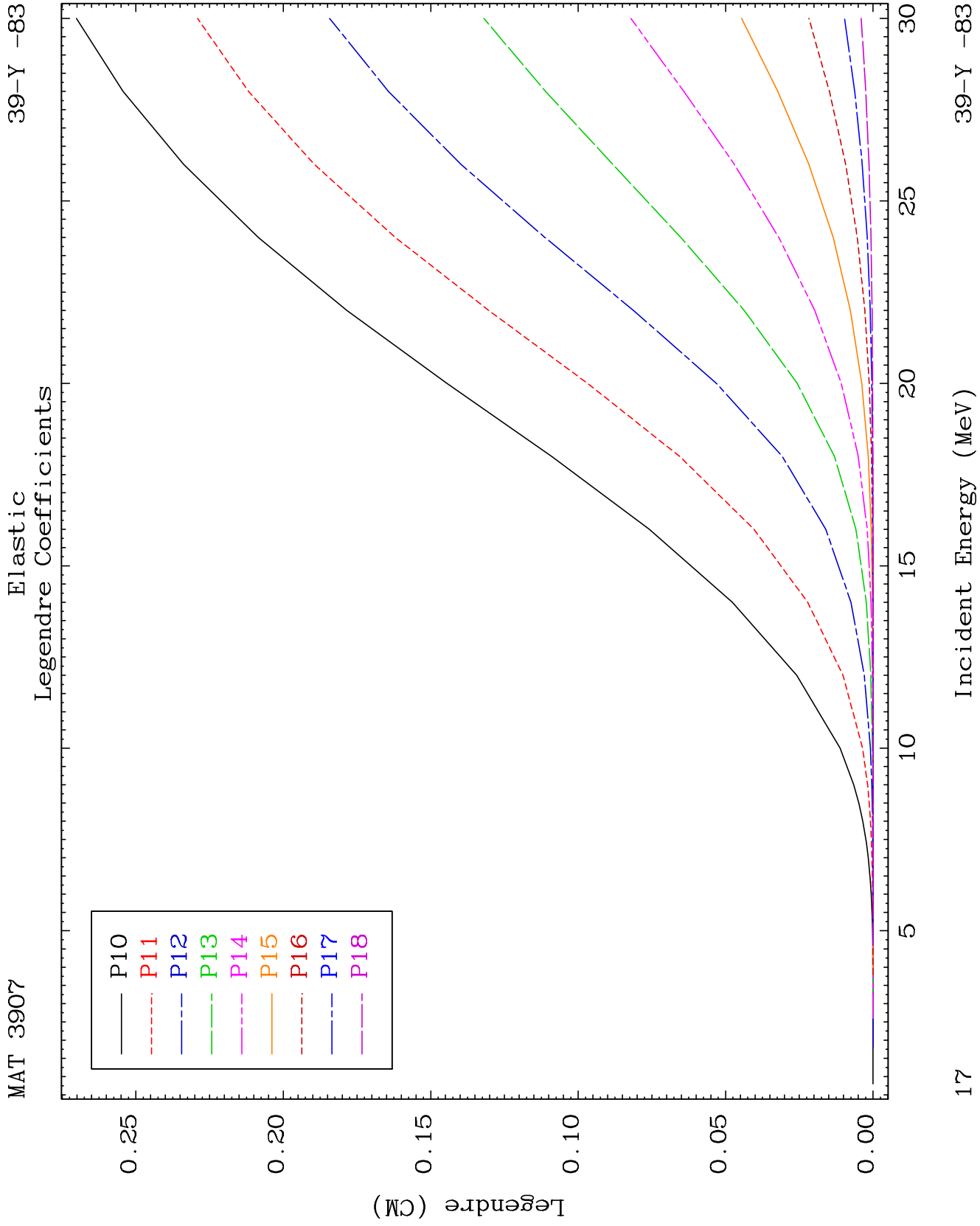


15

Incident Energy (MeV)

39-Y -83

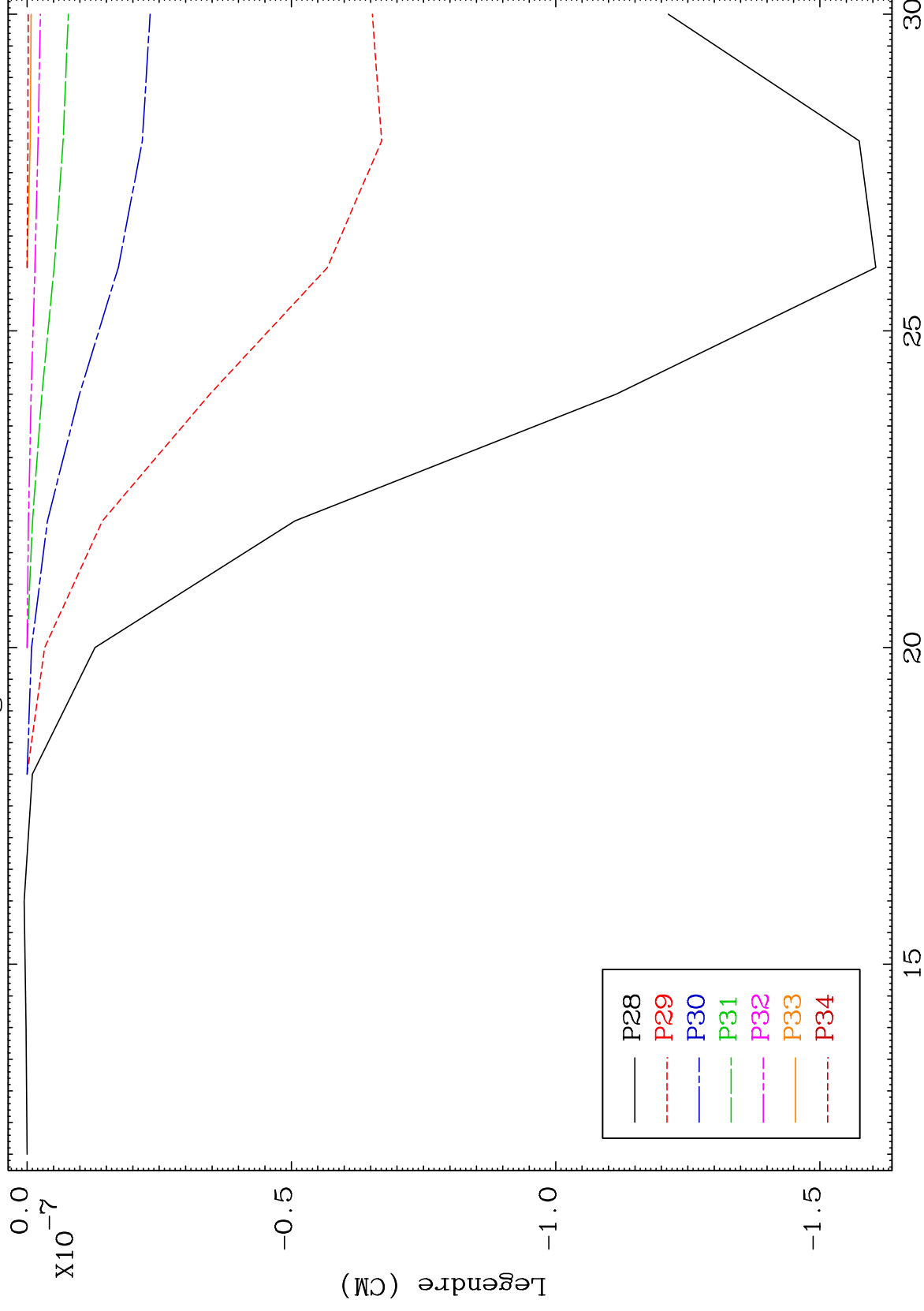




MAT 3907

39-Y-83

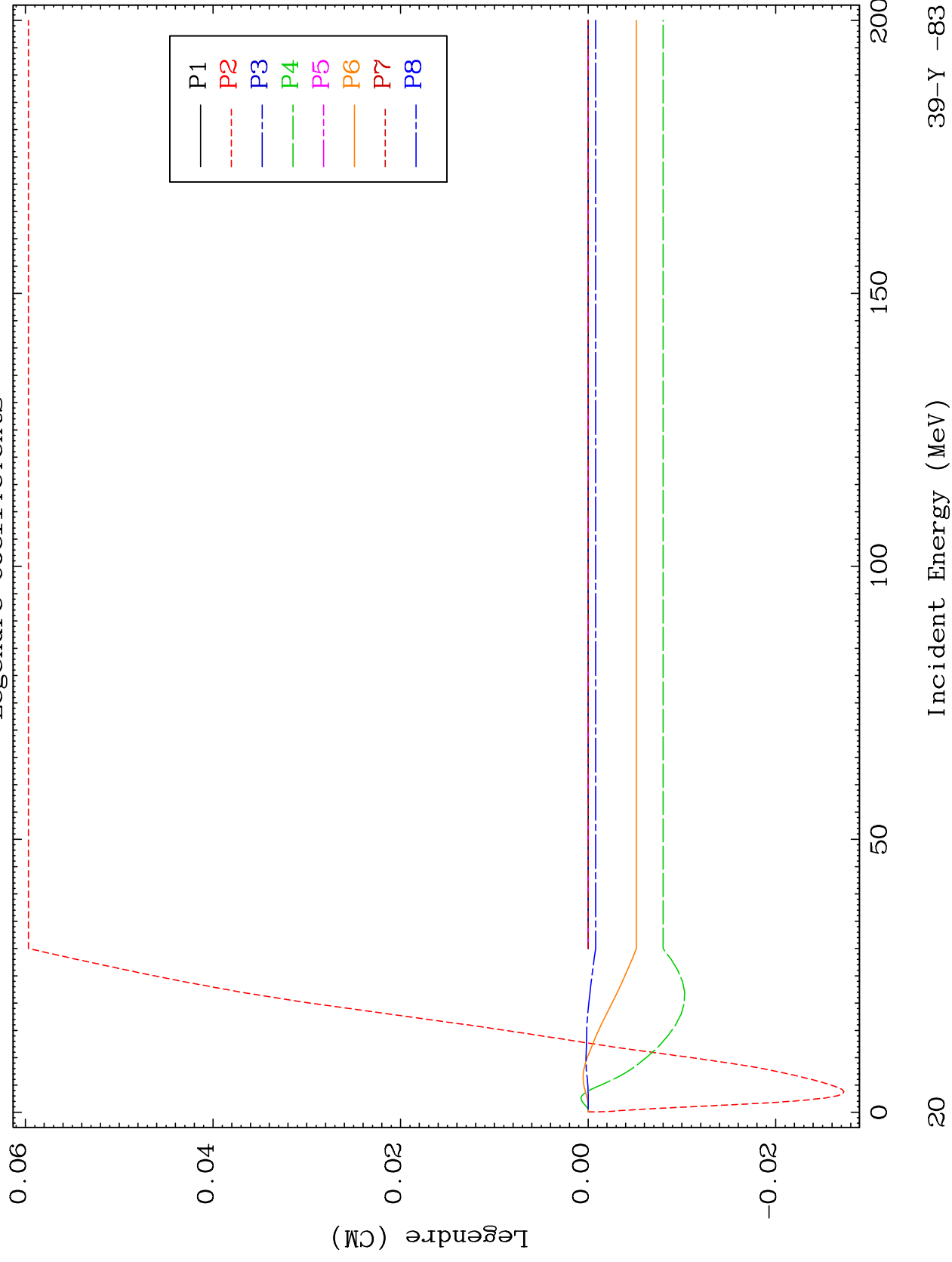
Elastic Legendre Coefficients



MAT 3907

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

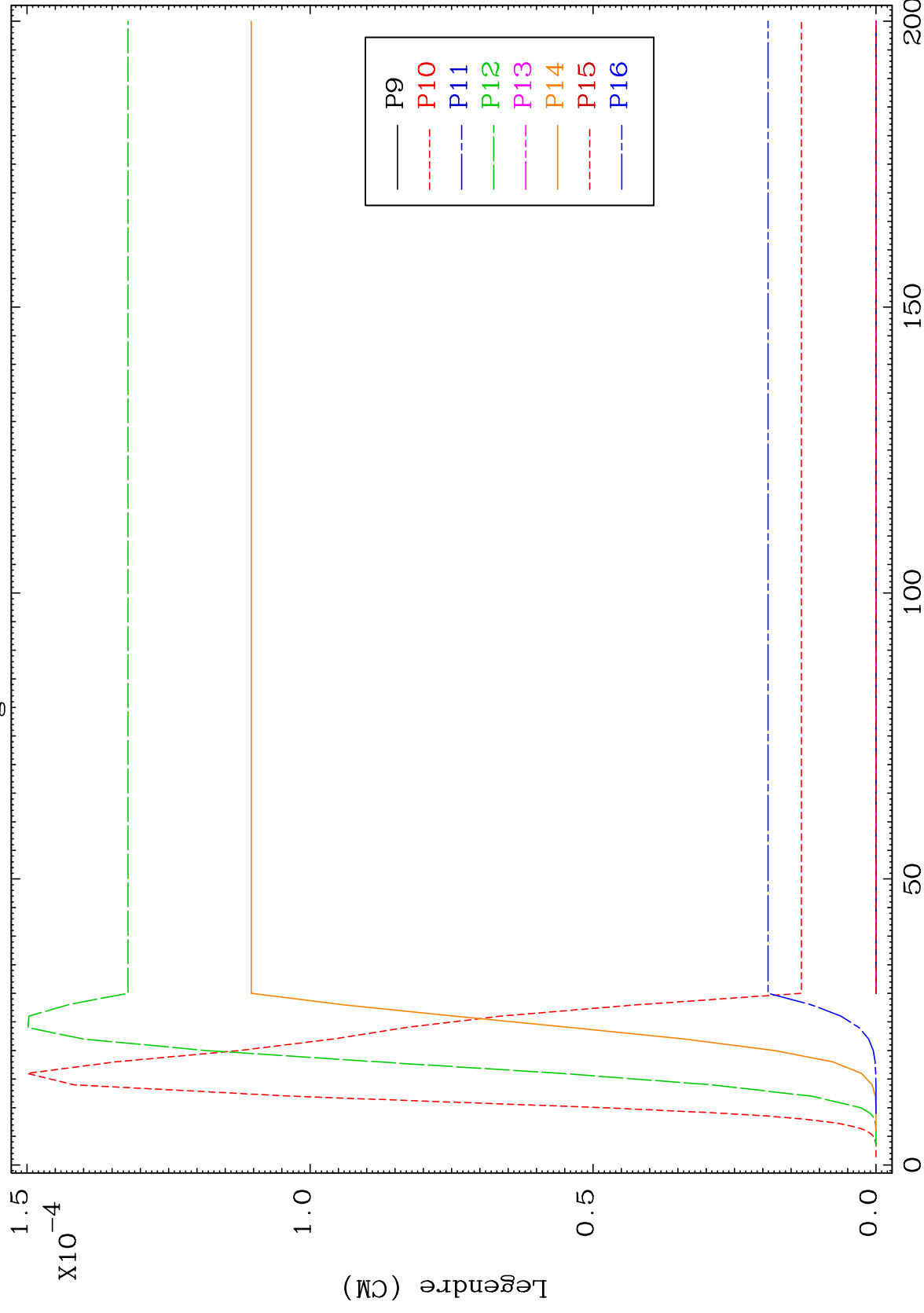
39-Y -83



MAT 3907

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

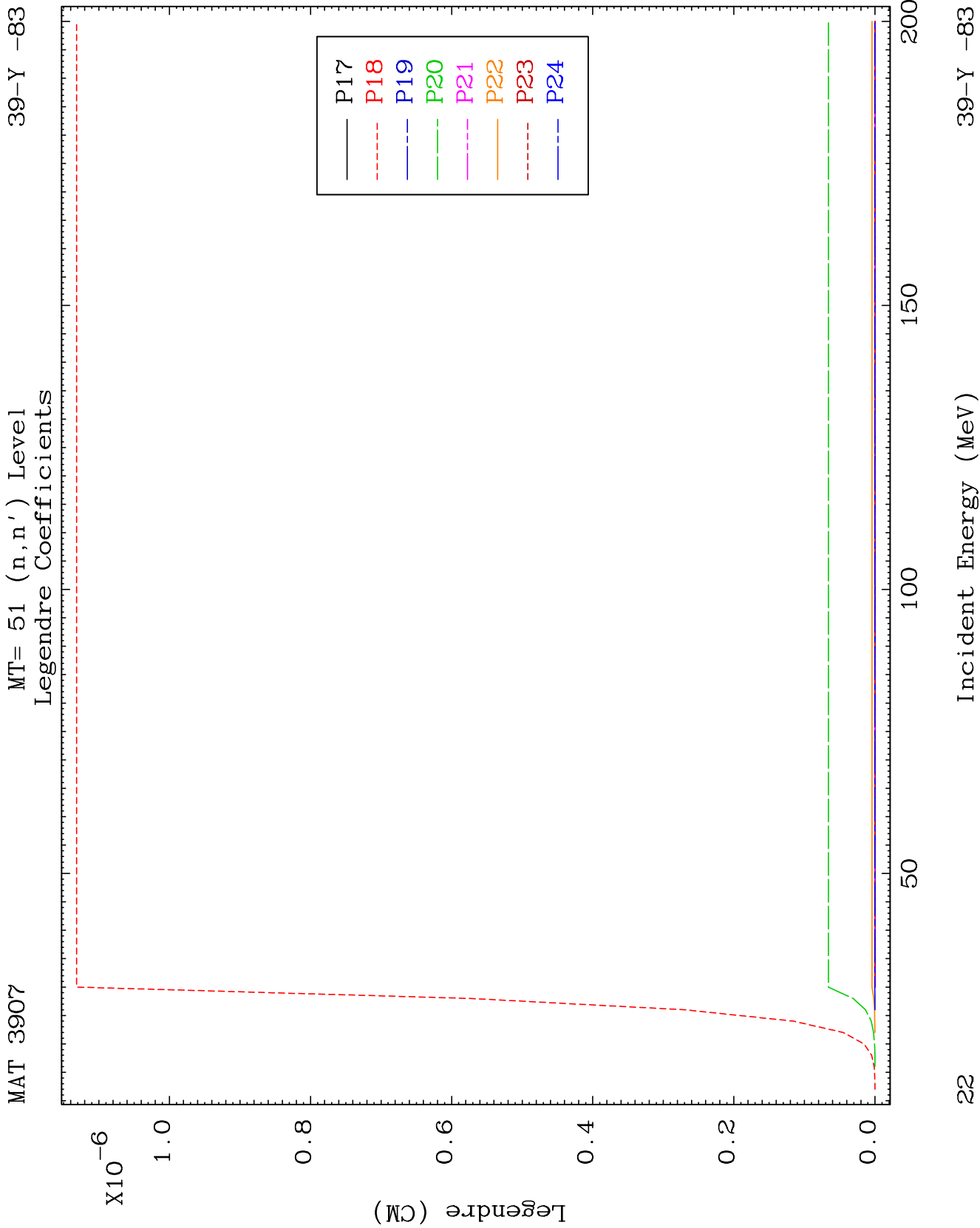
39-Y -83



21

Incident Energy (MeV)

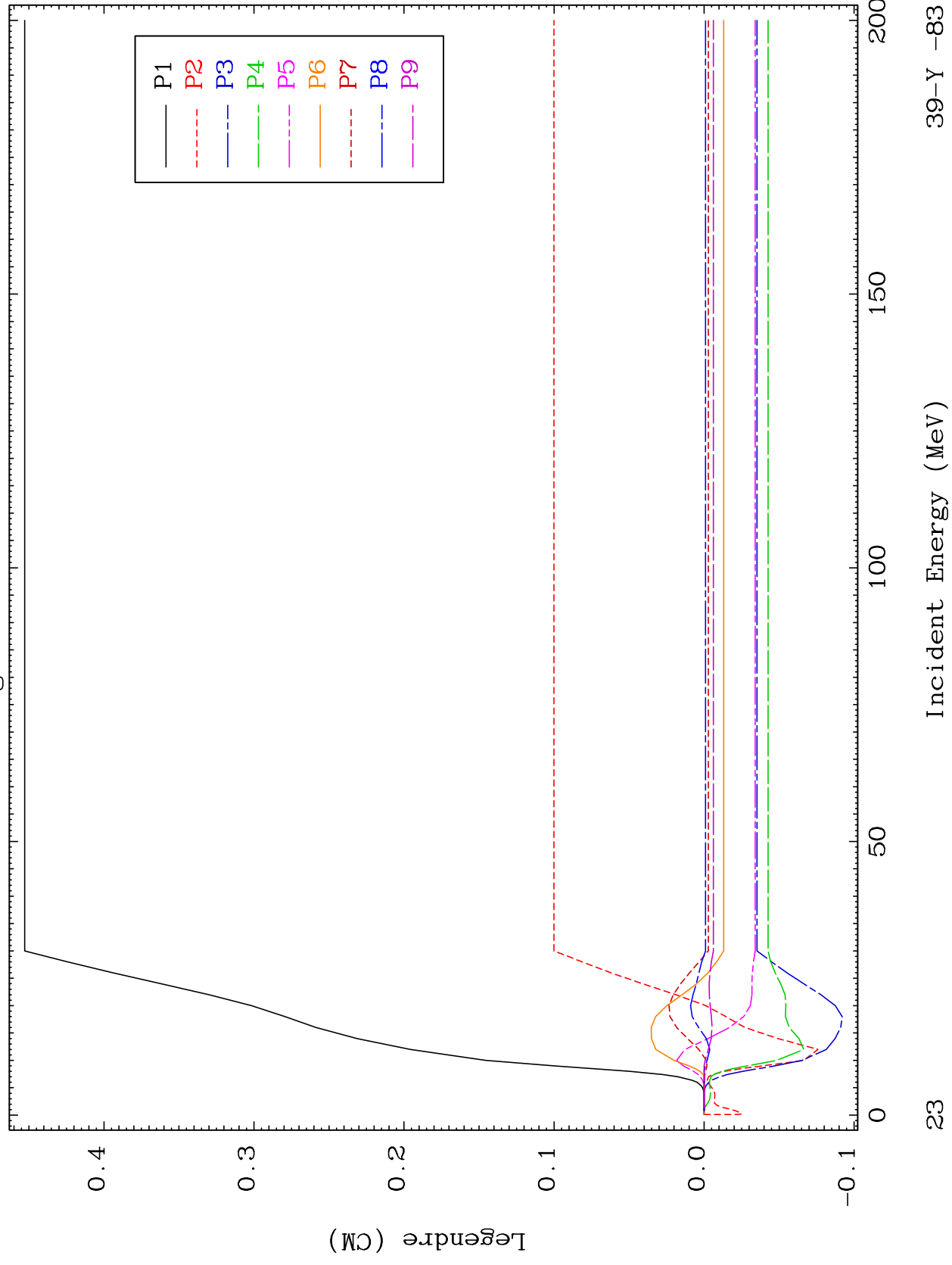
39-Y -83

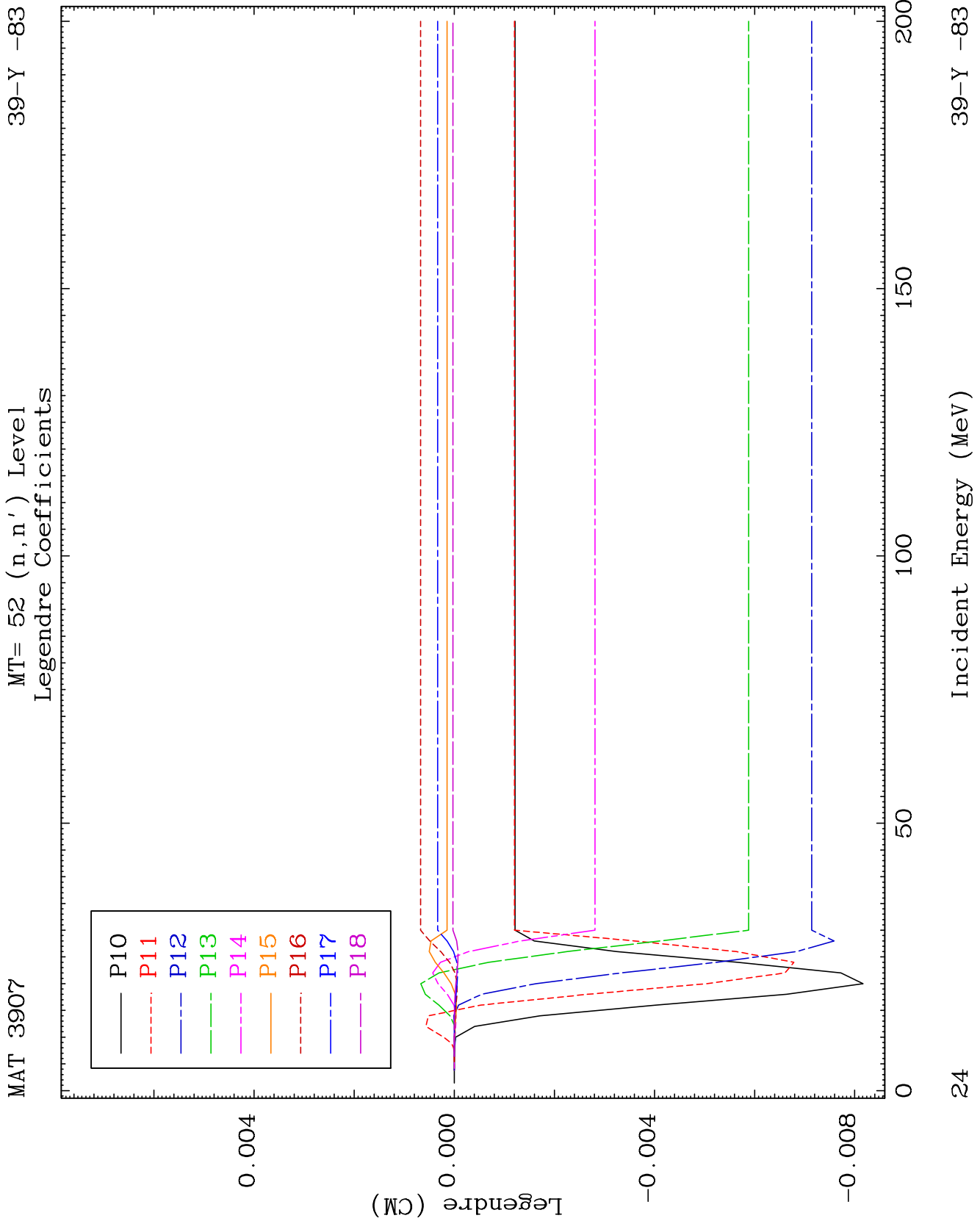


MAT 3907

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

39-Y -83

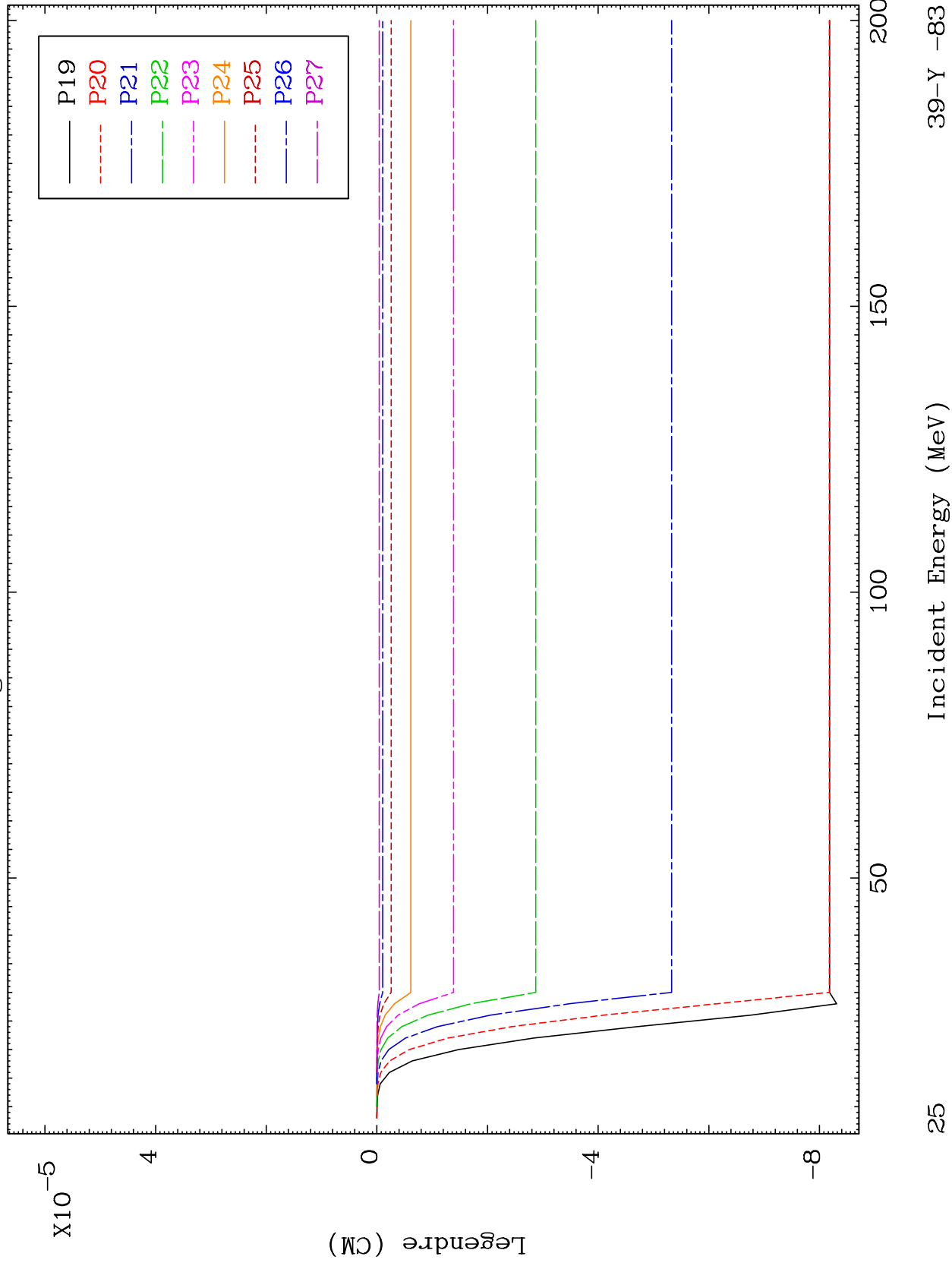


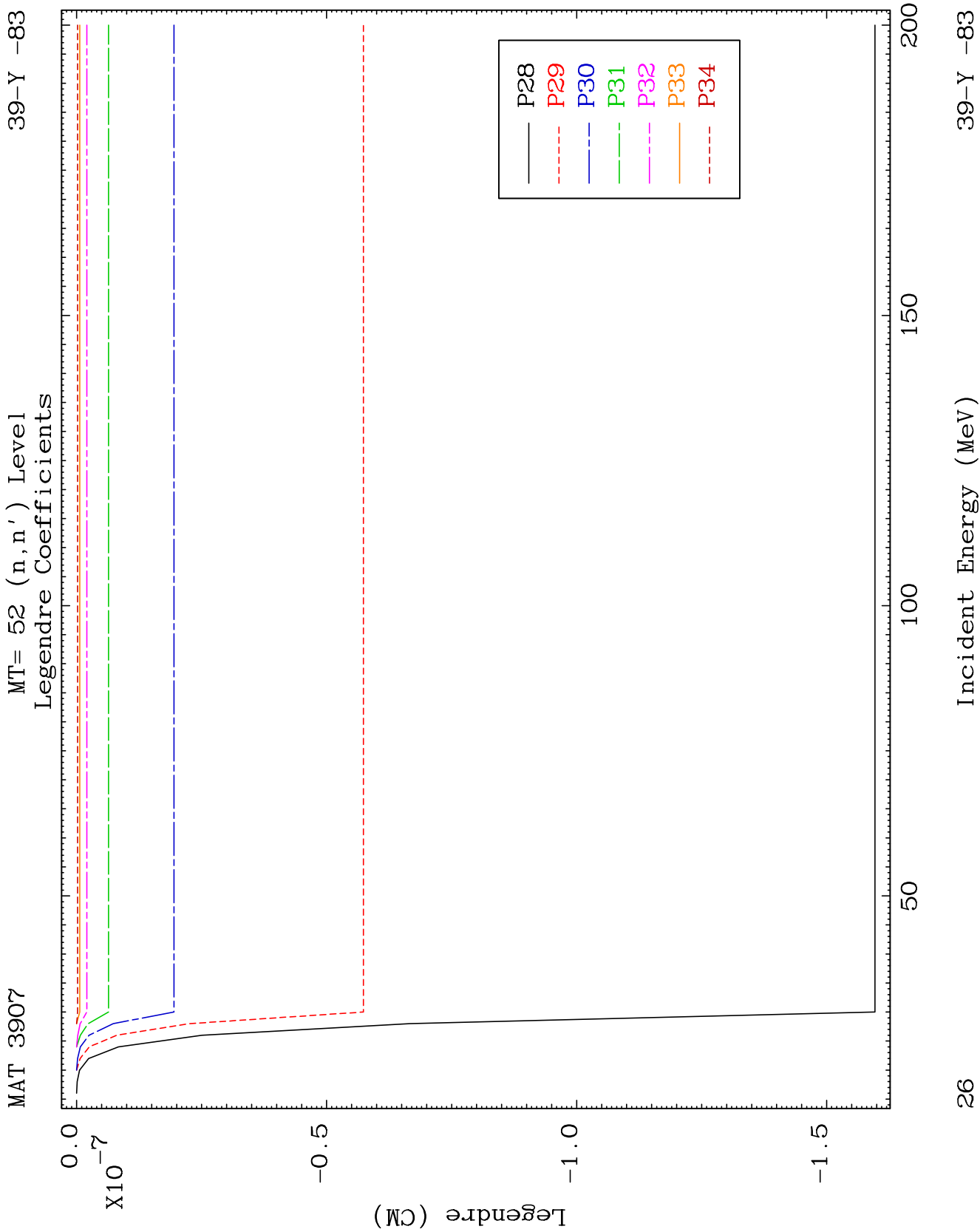


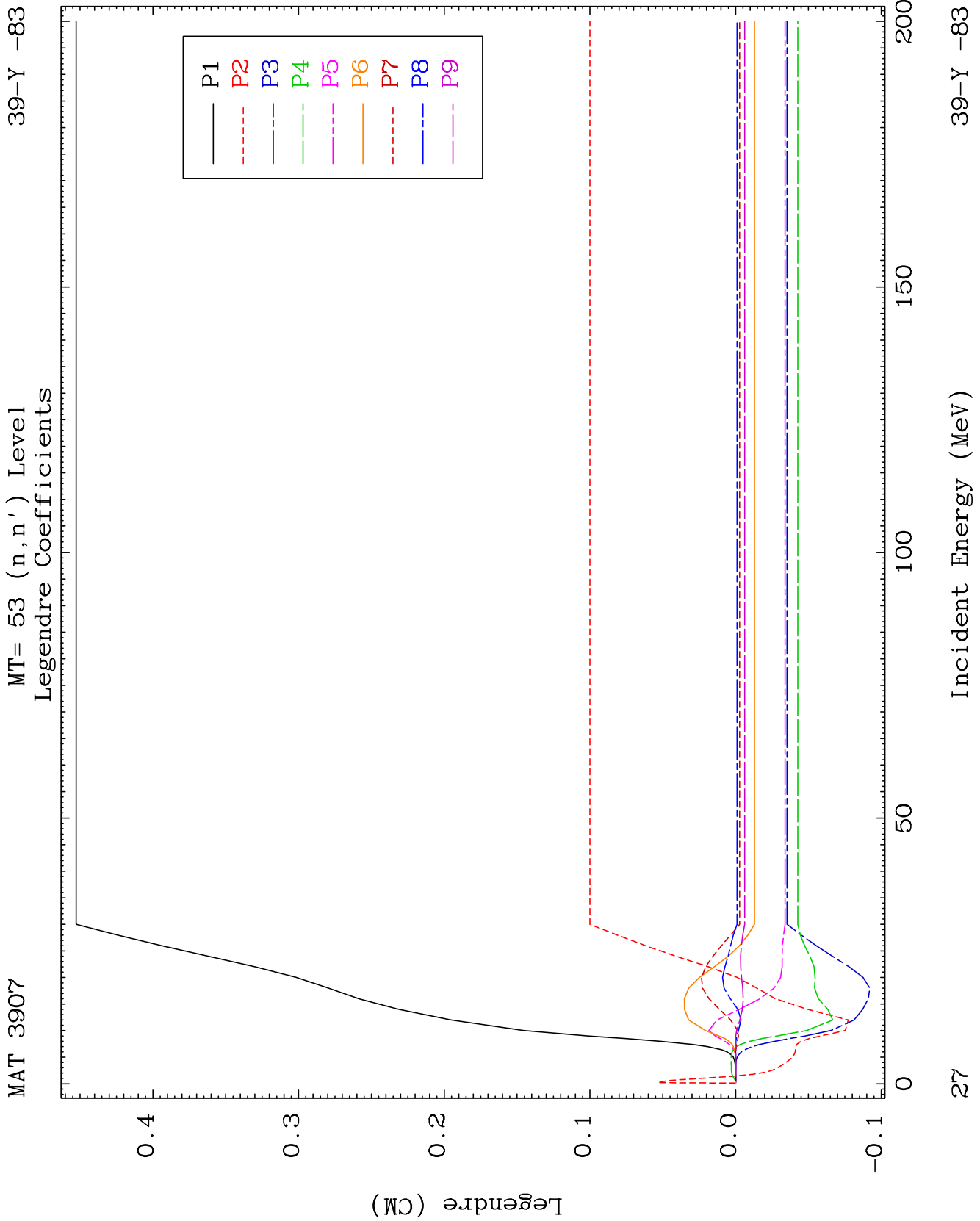
MAT 3907

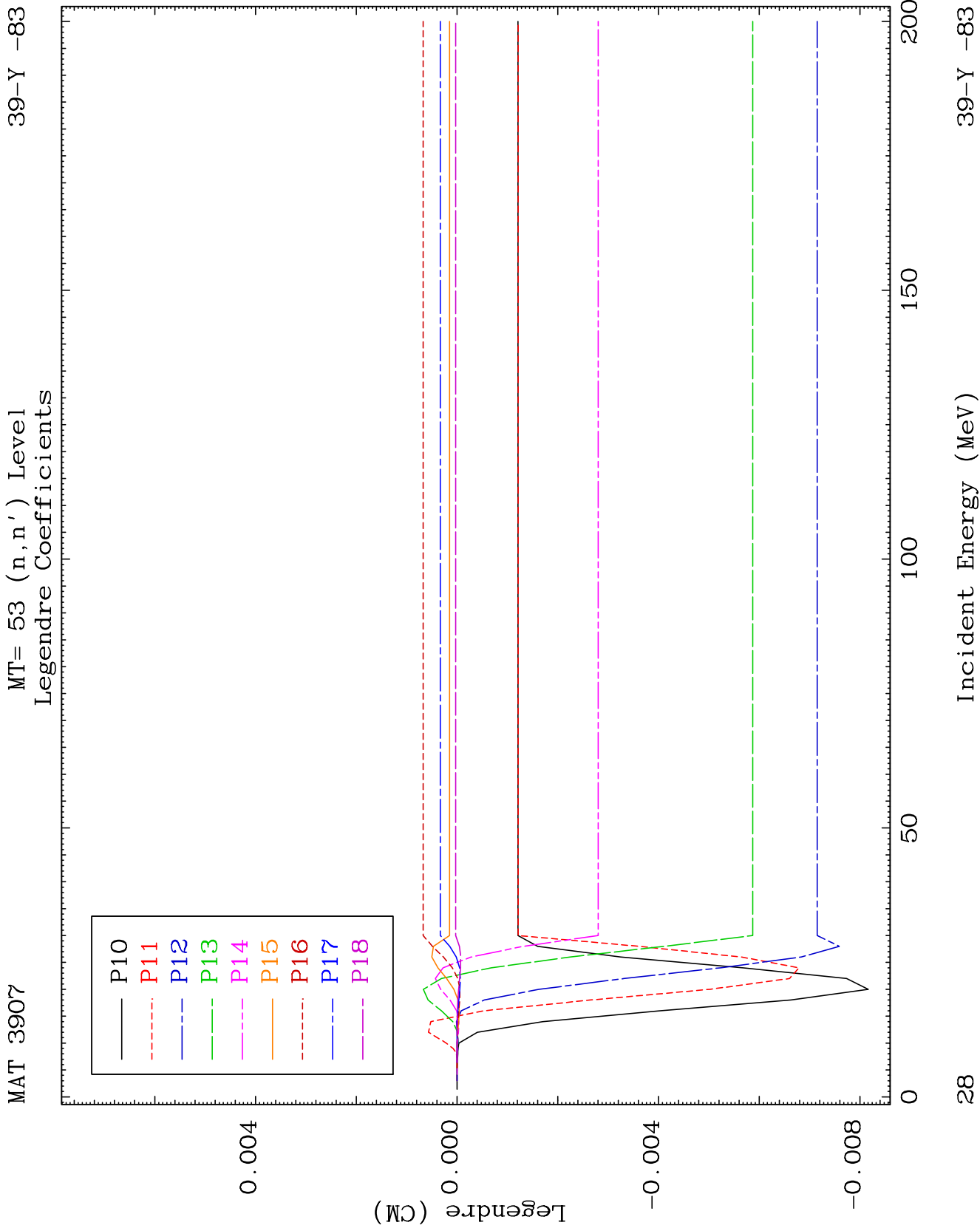
MT= 52 (n, n') Level
Legendre Coefficients

39-Y -83





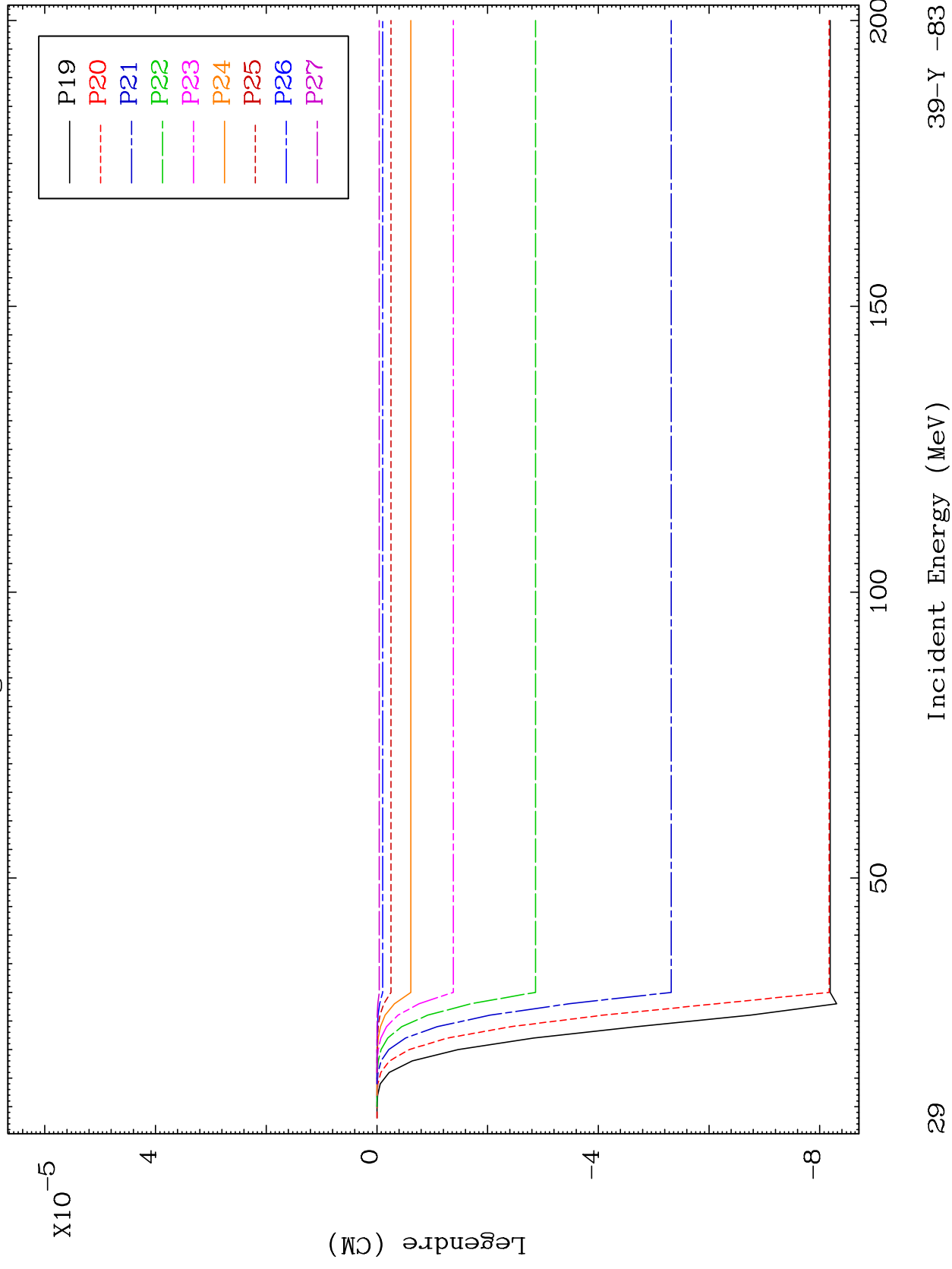


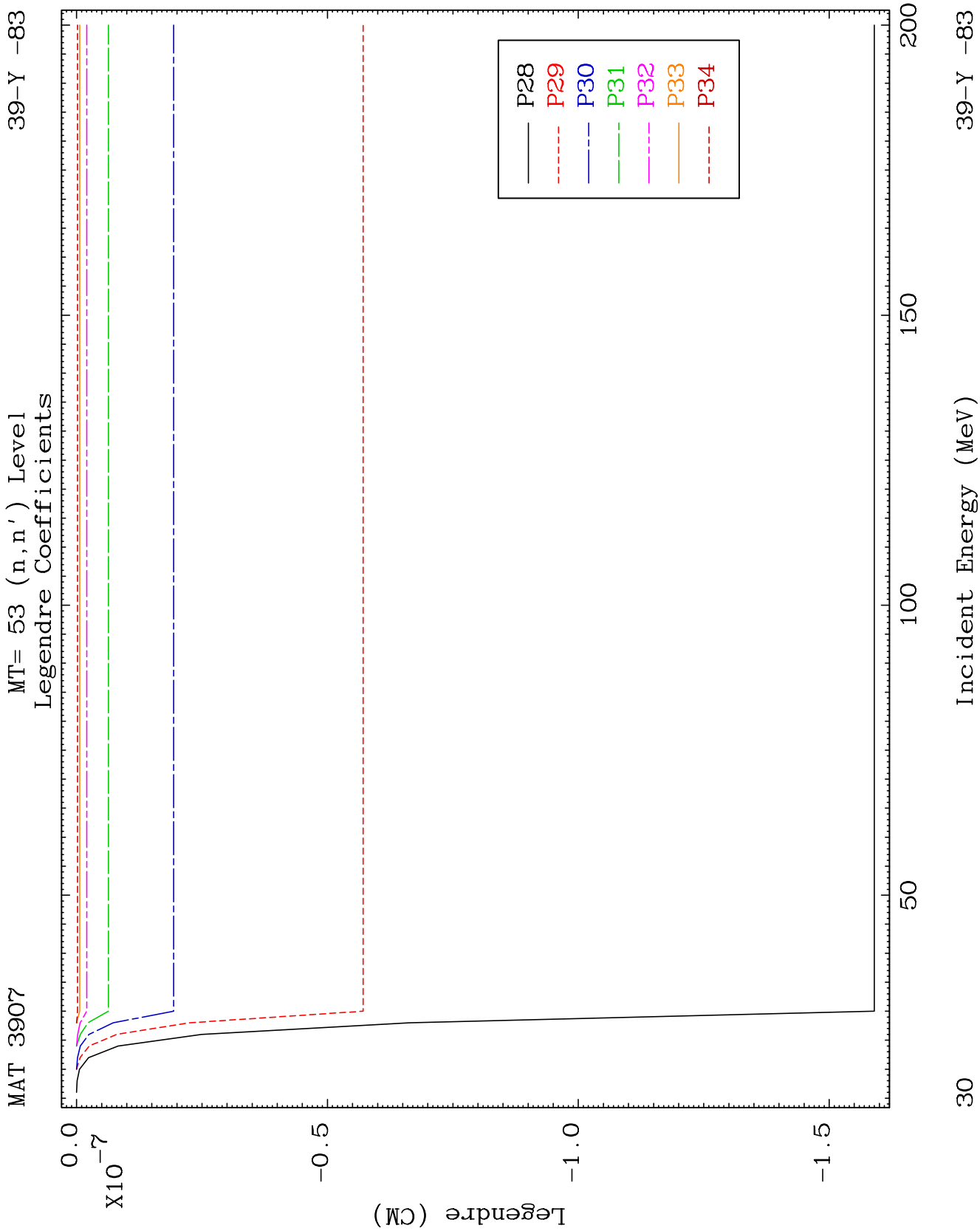


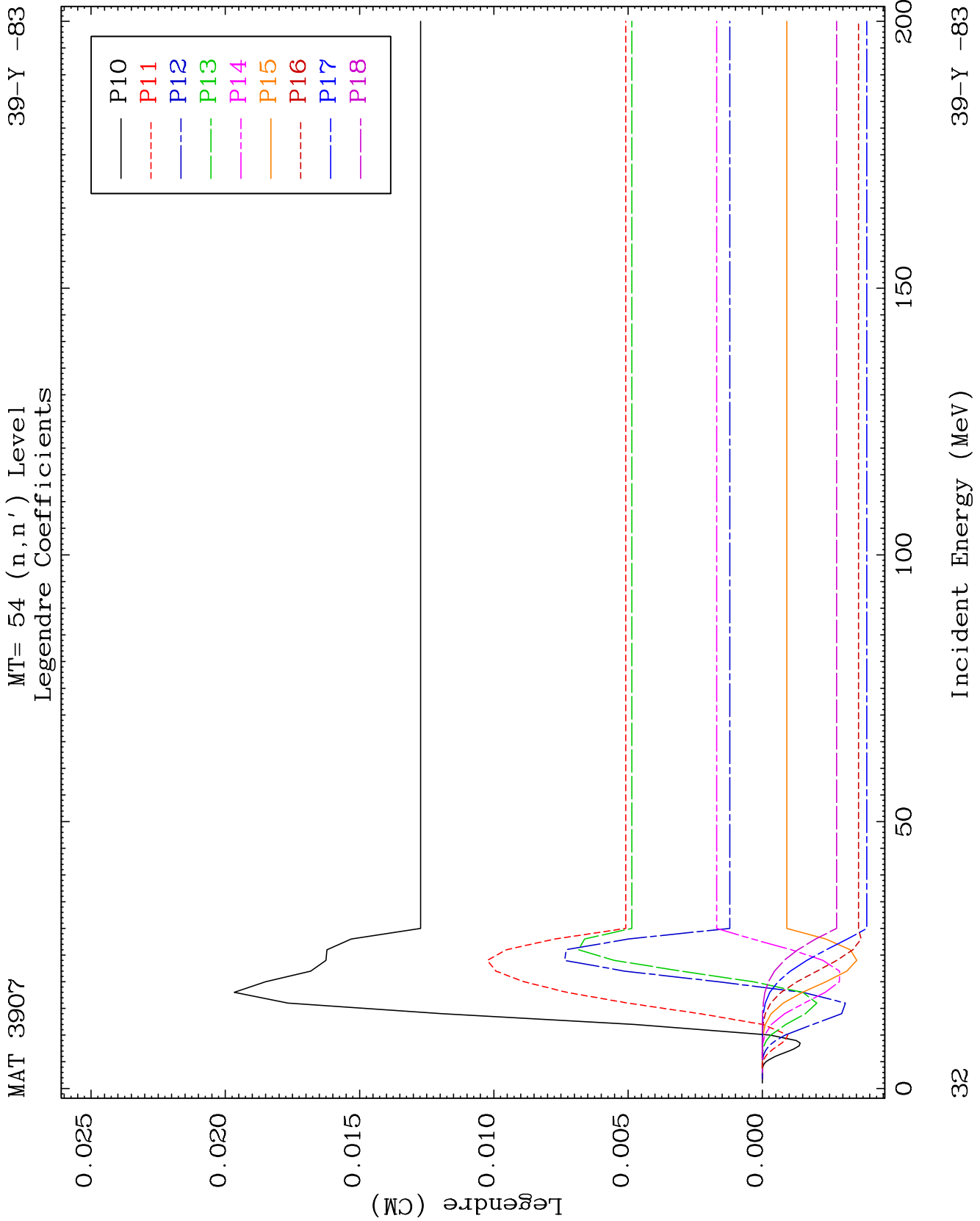
MAT 3907

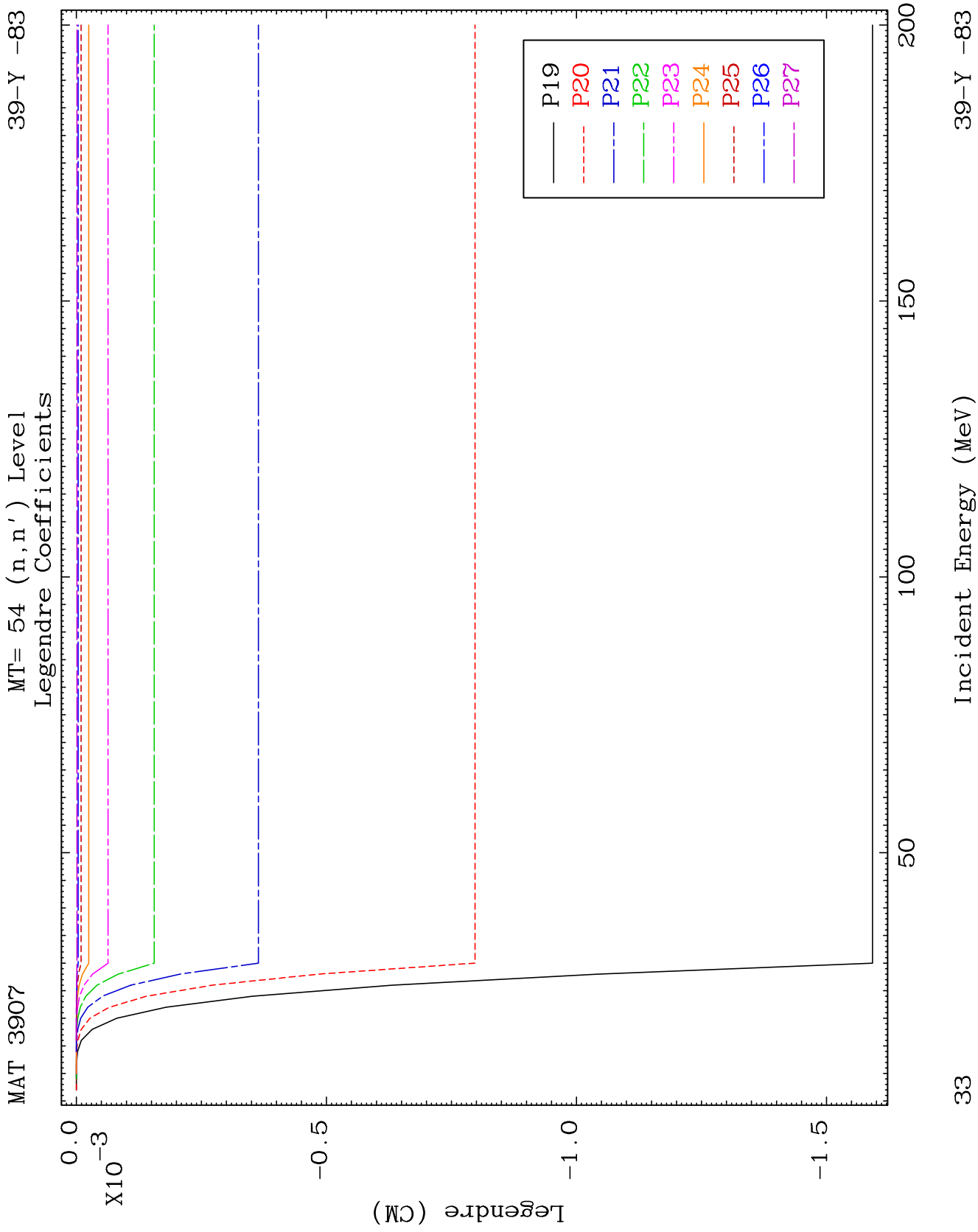
MT= 53 (n, n') Level
Legendre Coefficients

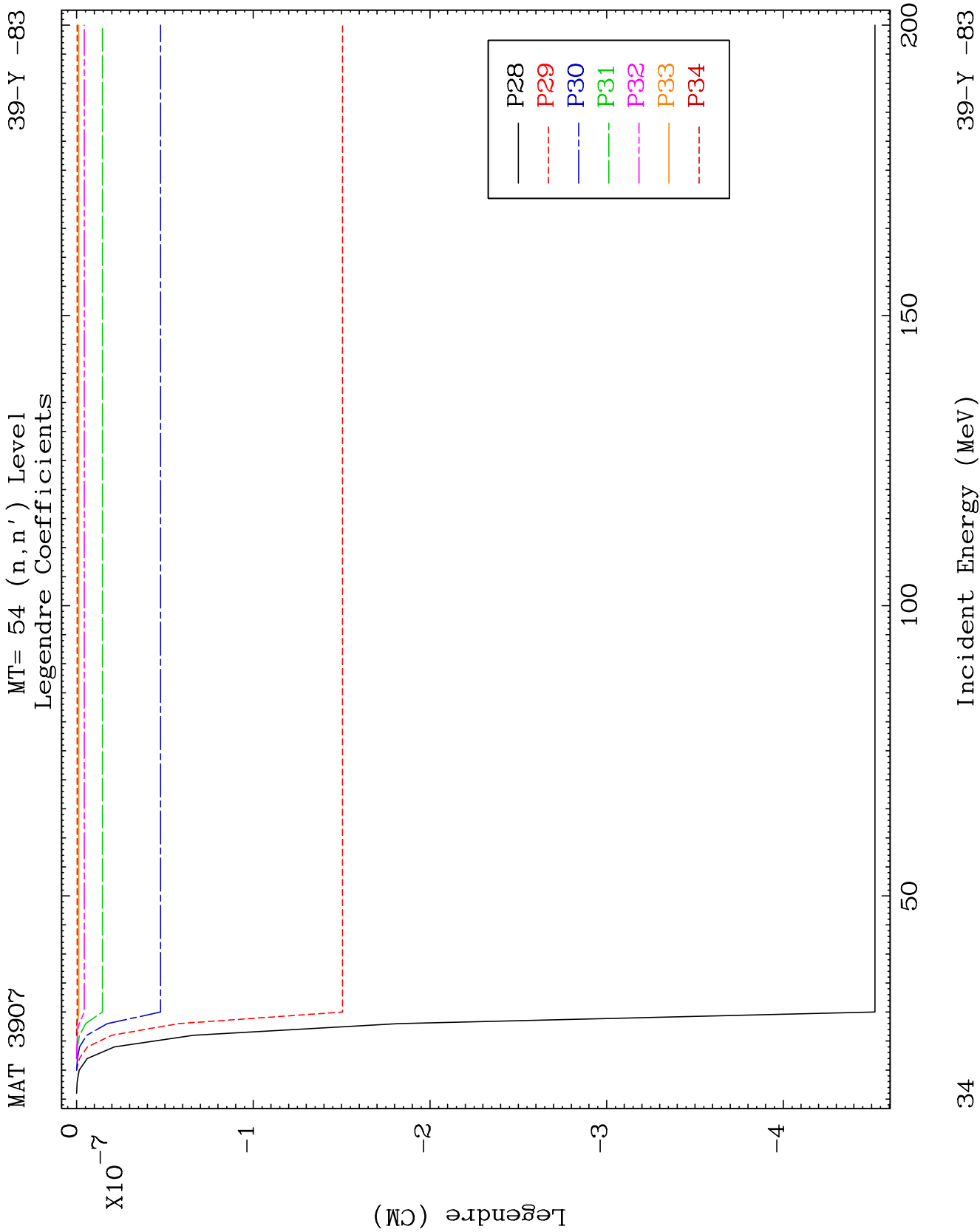
39-Y-83

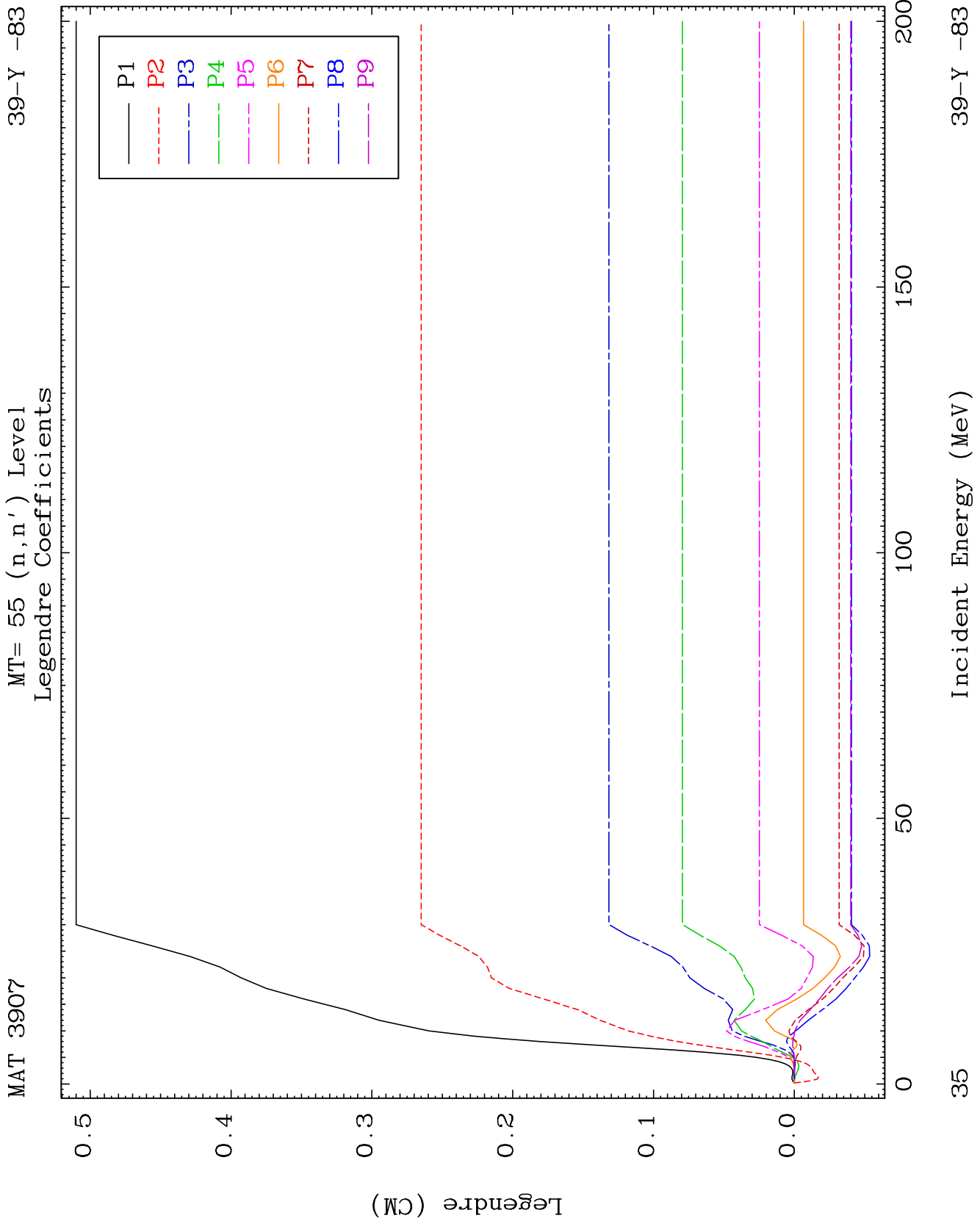


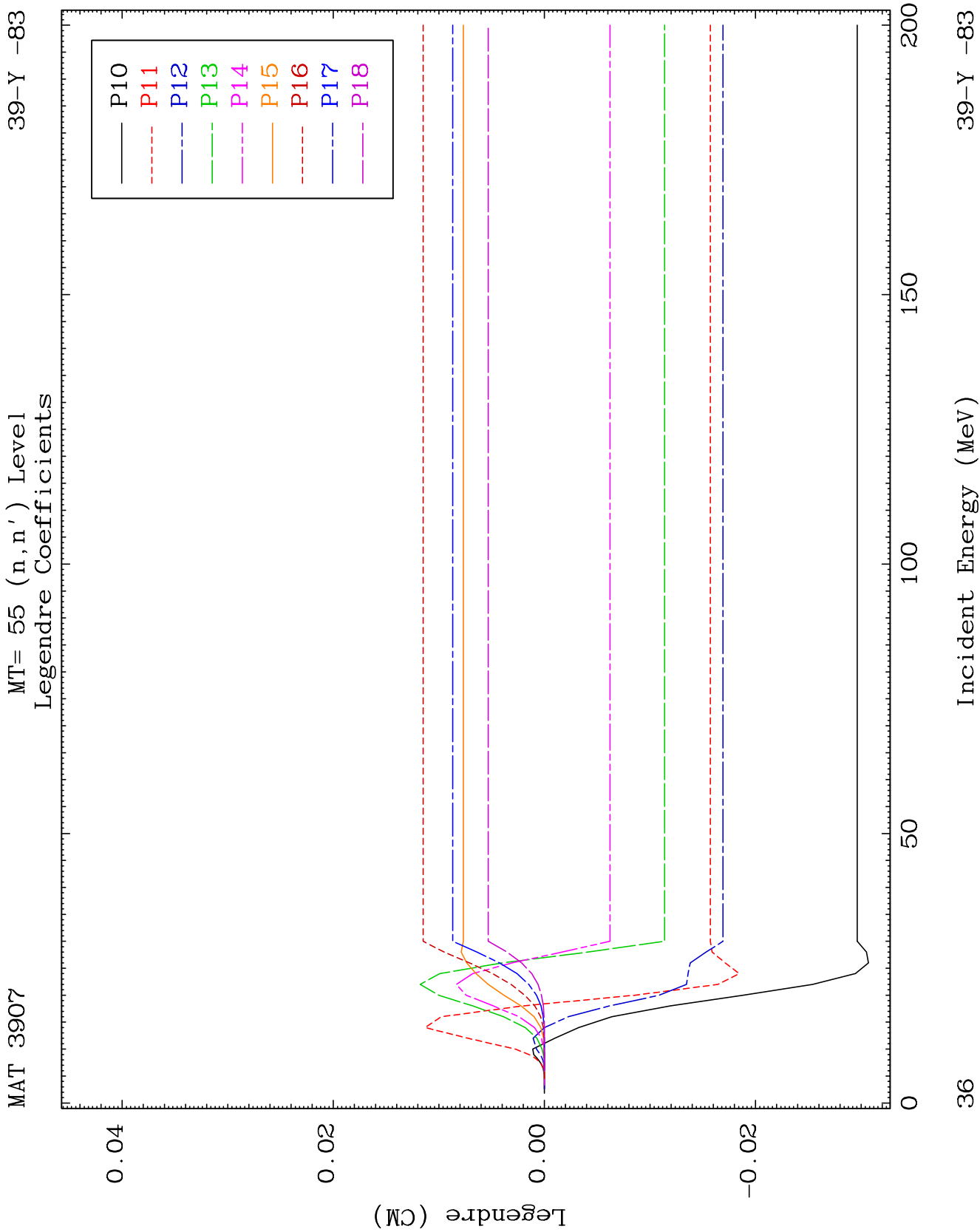


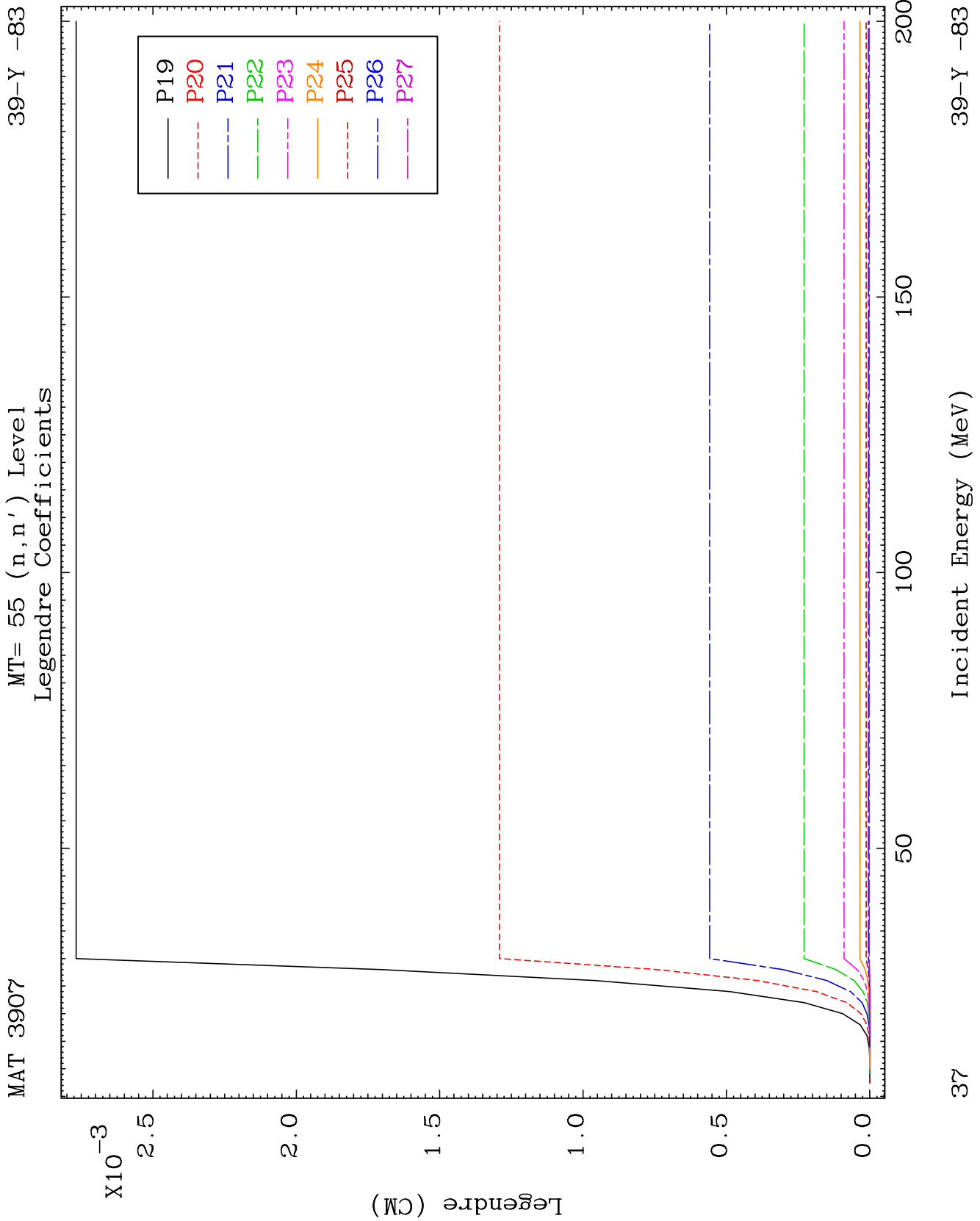


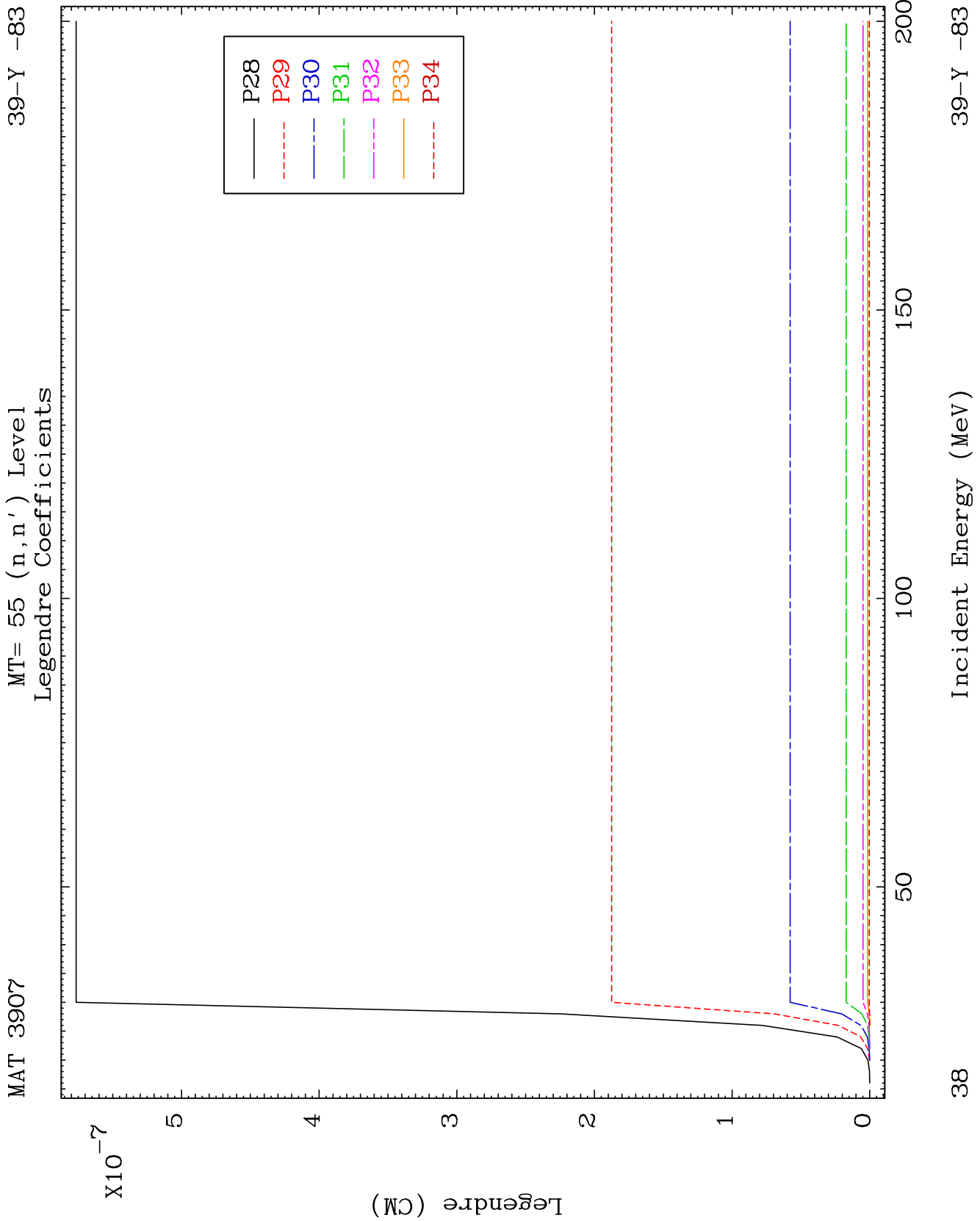








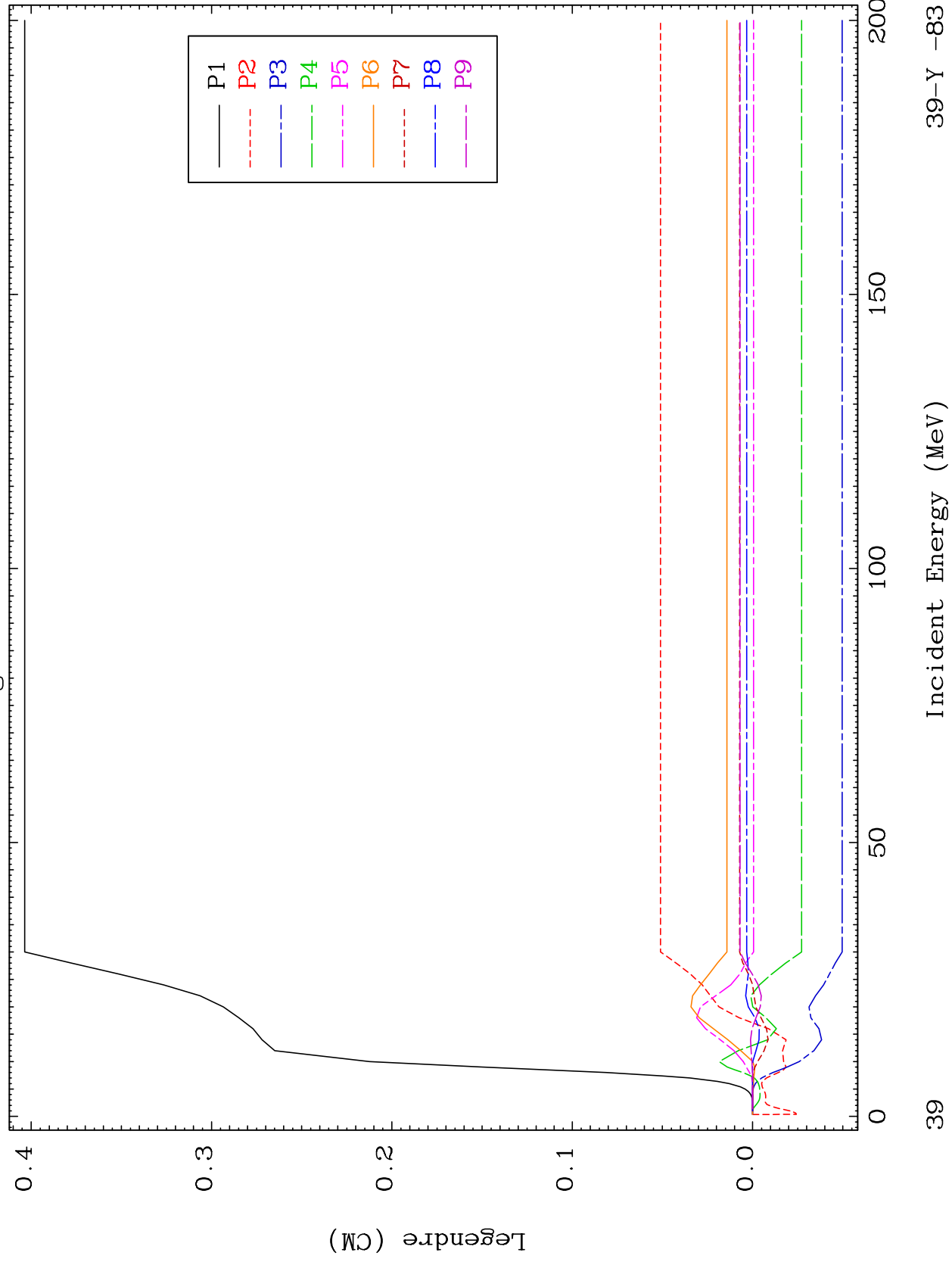




MAT 3907

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

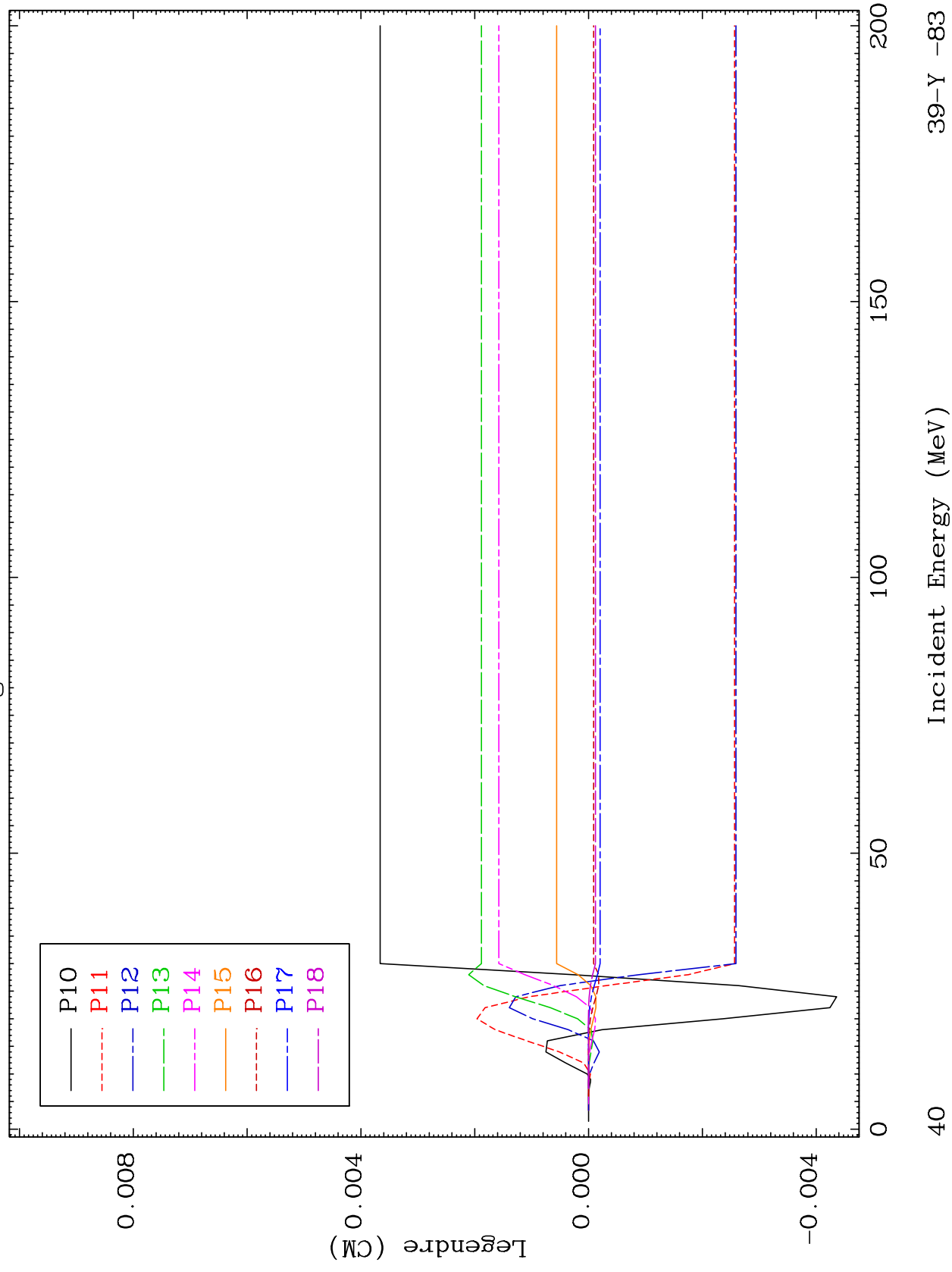
39-Y -83

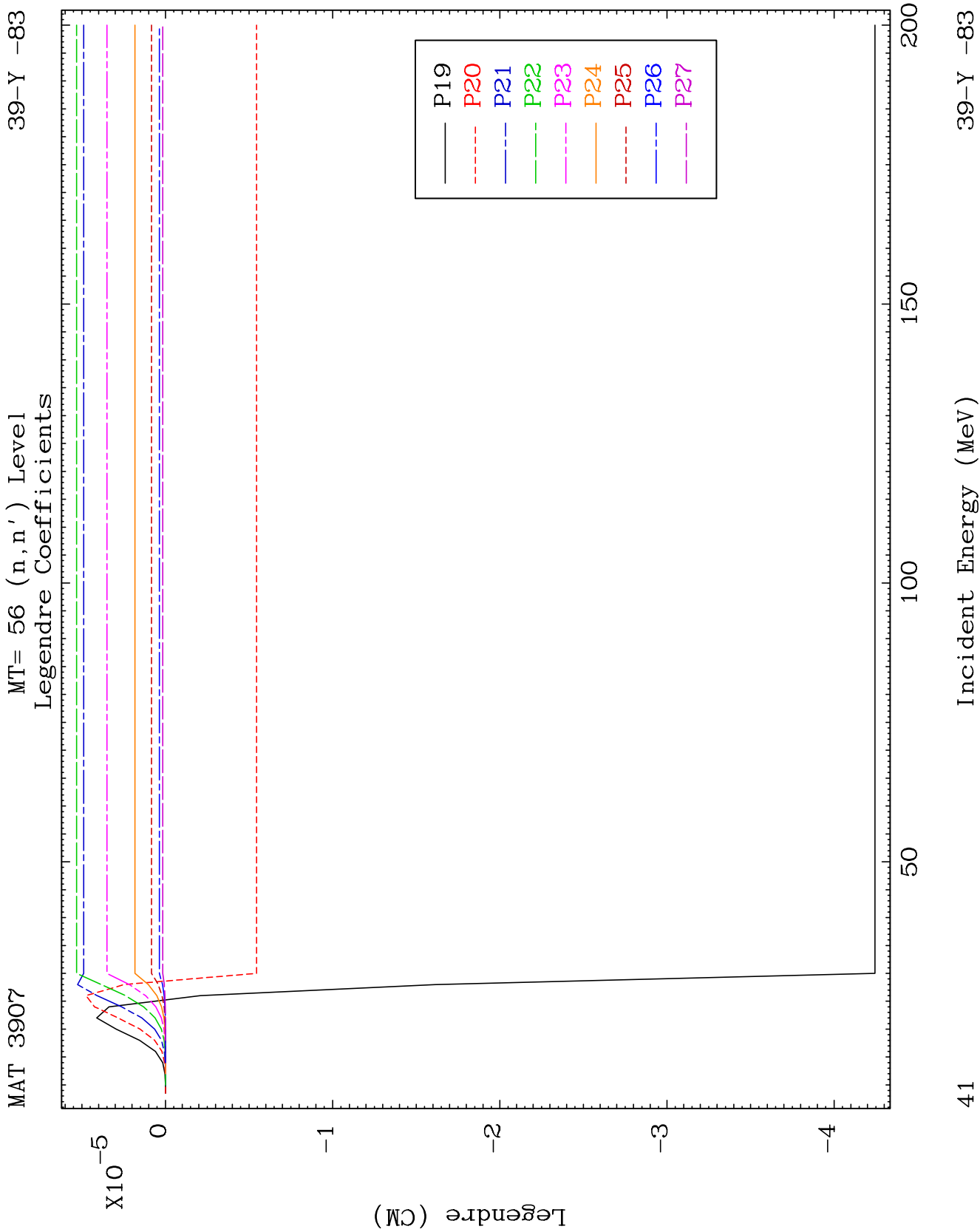


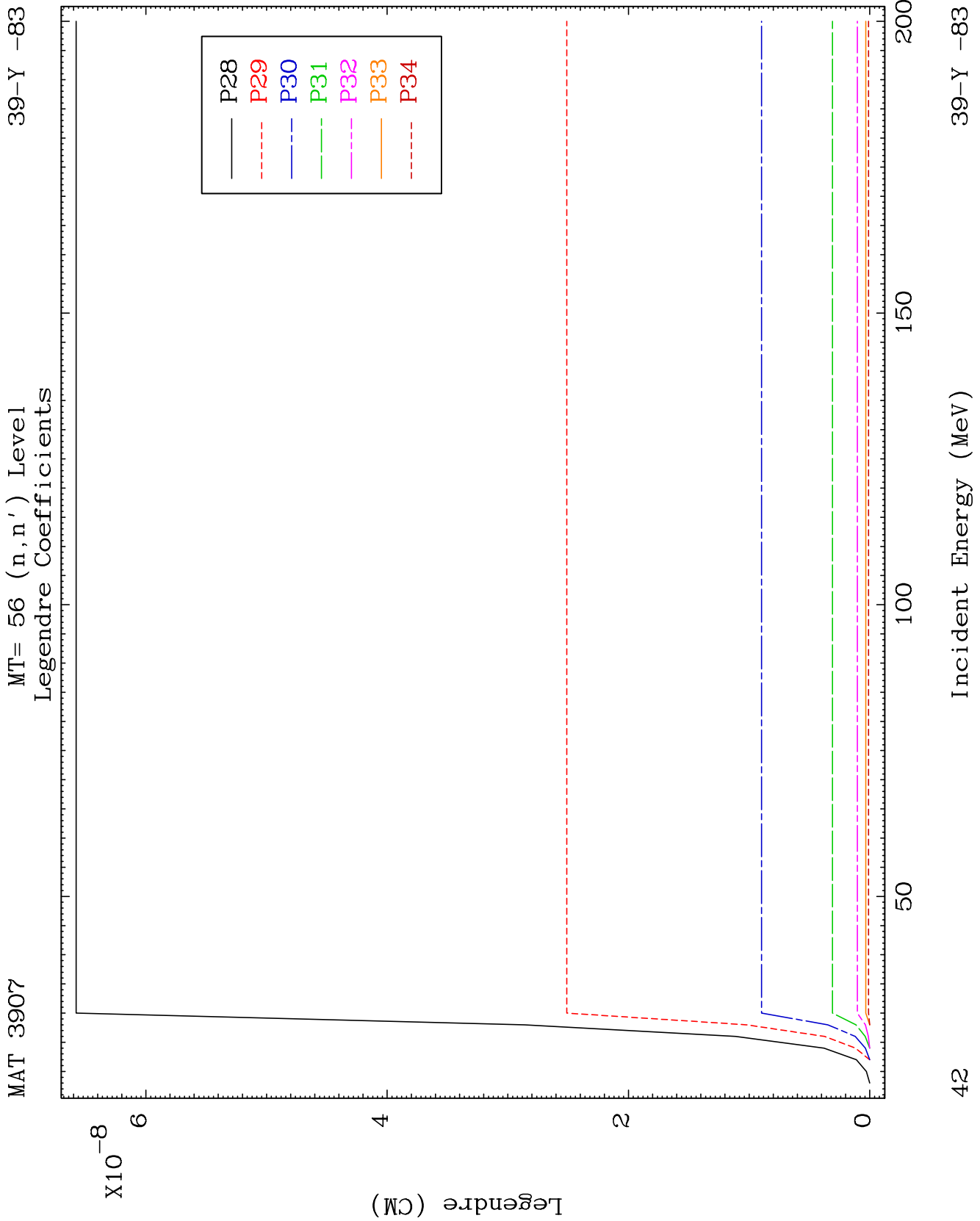
MAT 3907

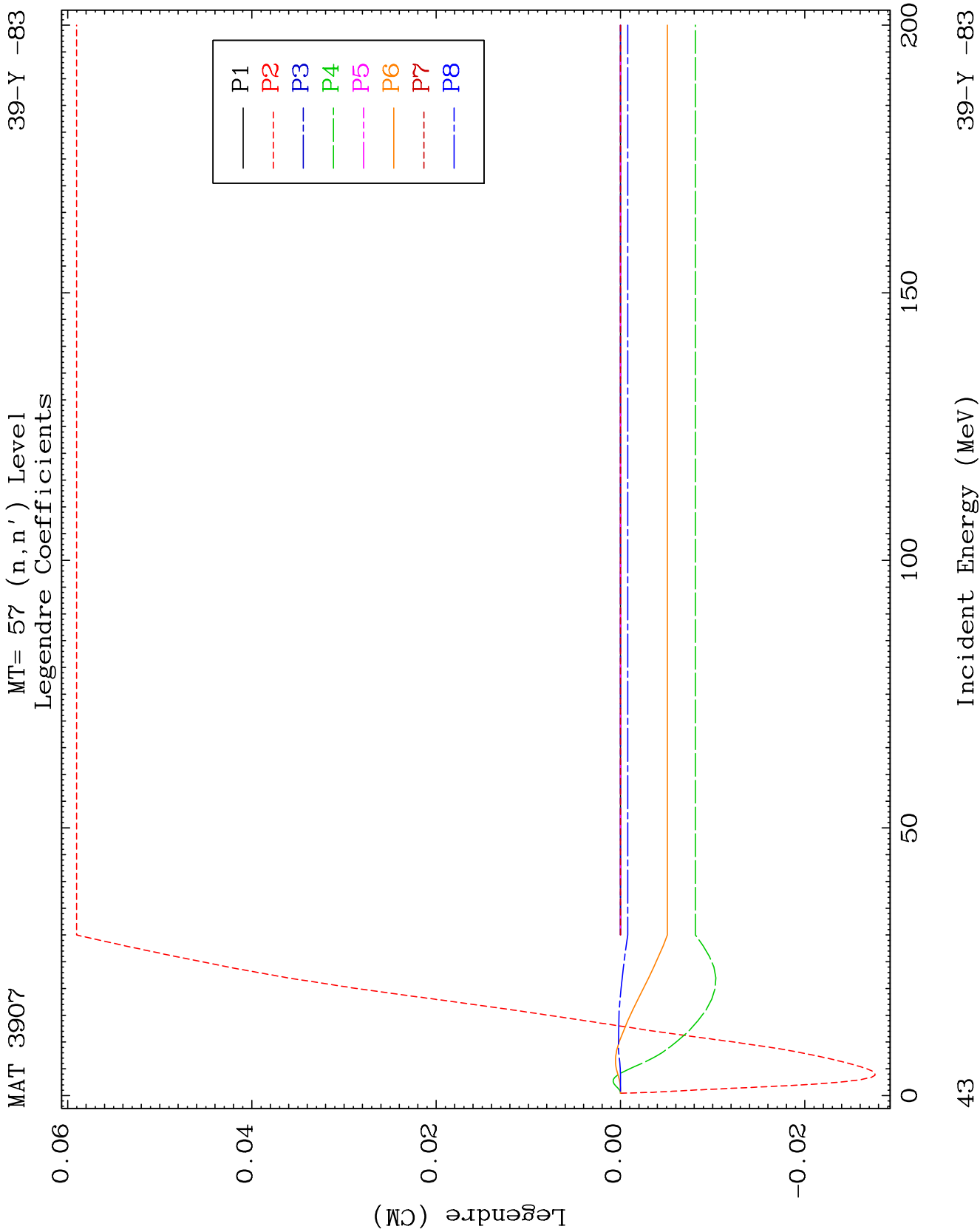
MT= 56 (n, n') Level
Legendre Coefficients

39-Y -83





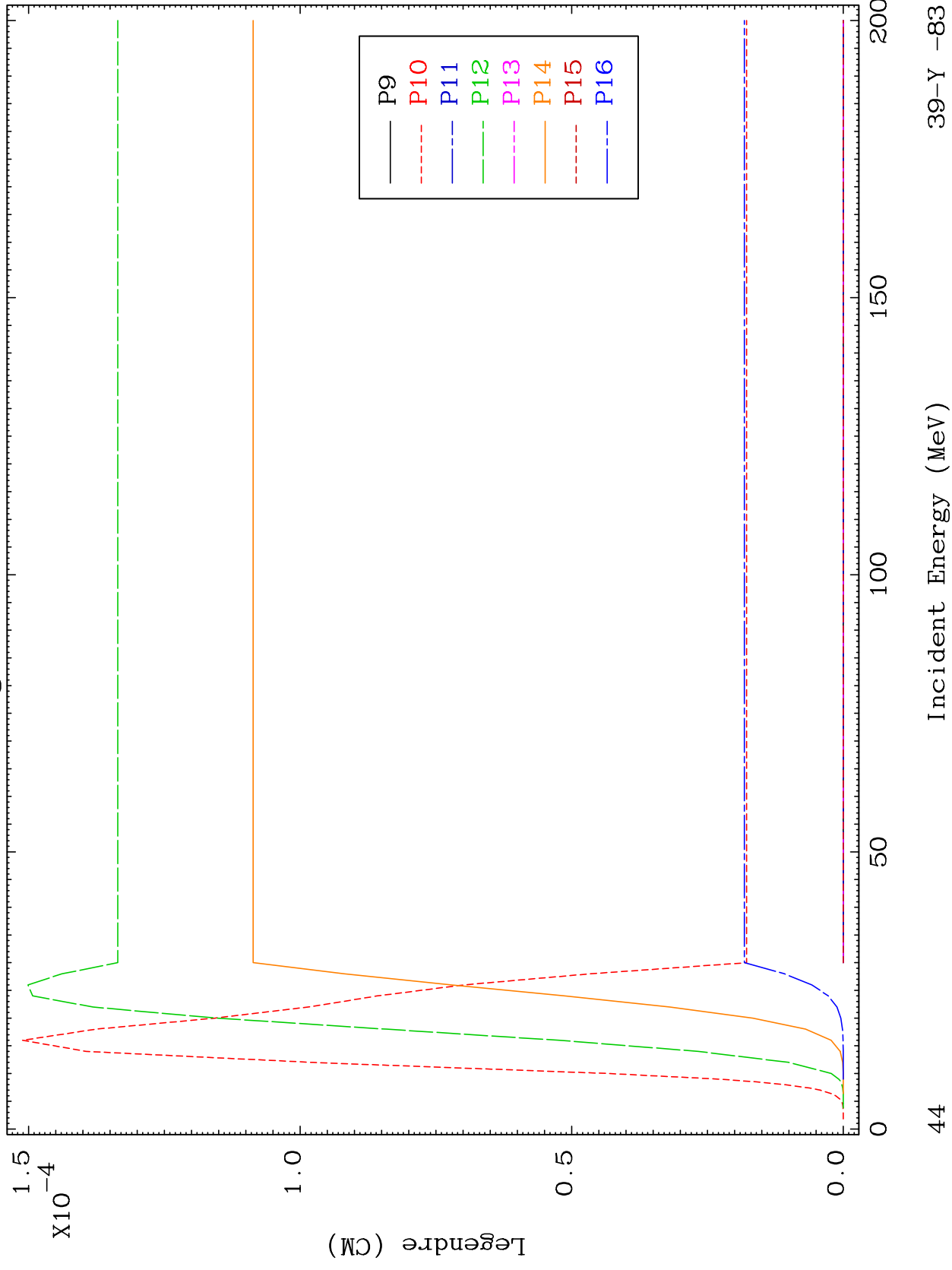




MAT 3907

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

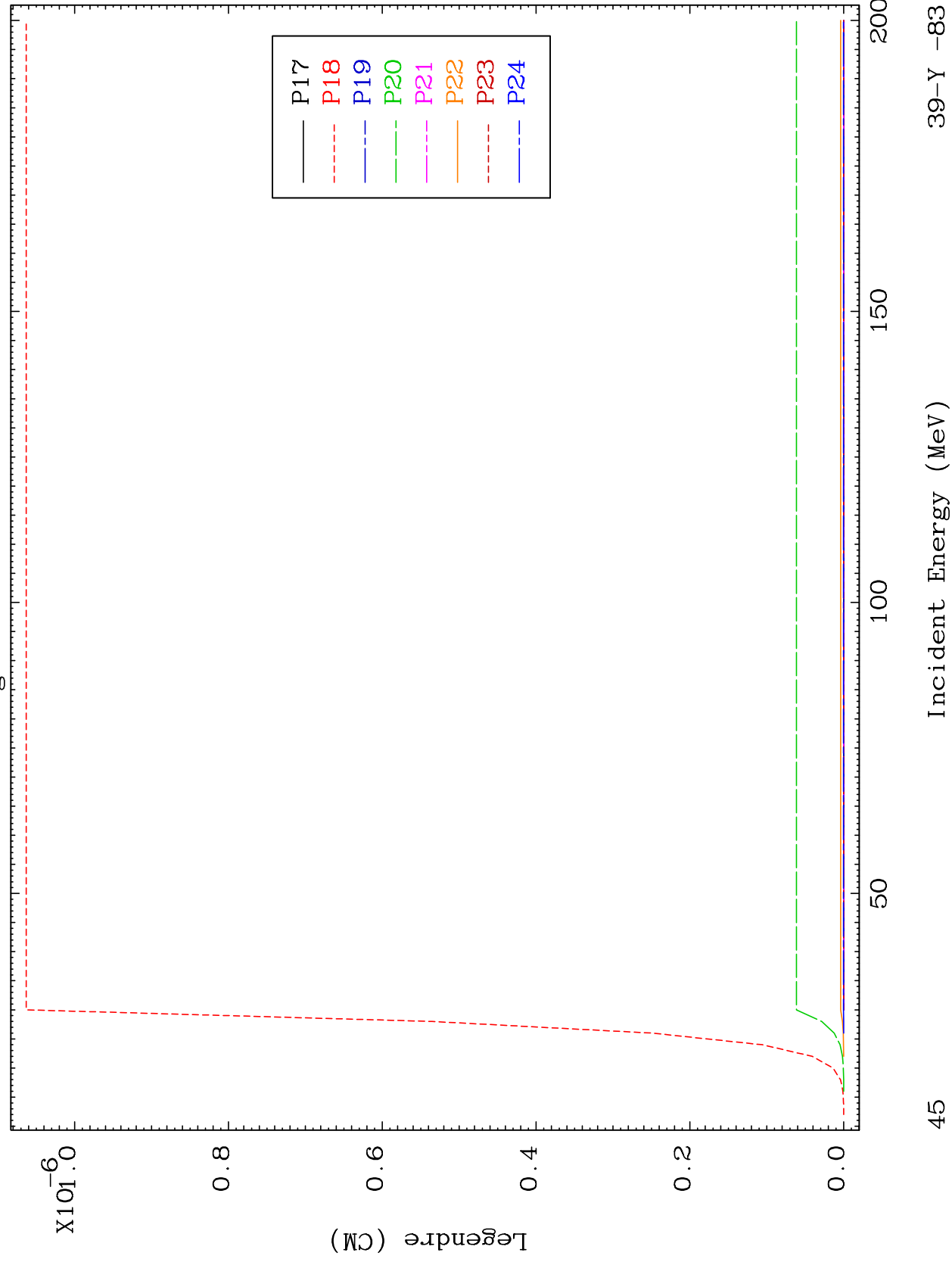
39-Y-83

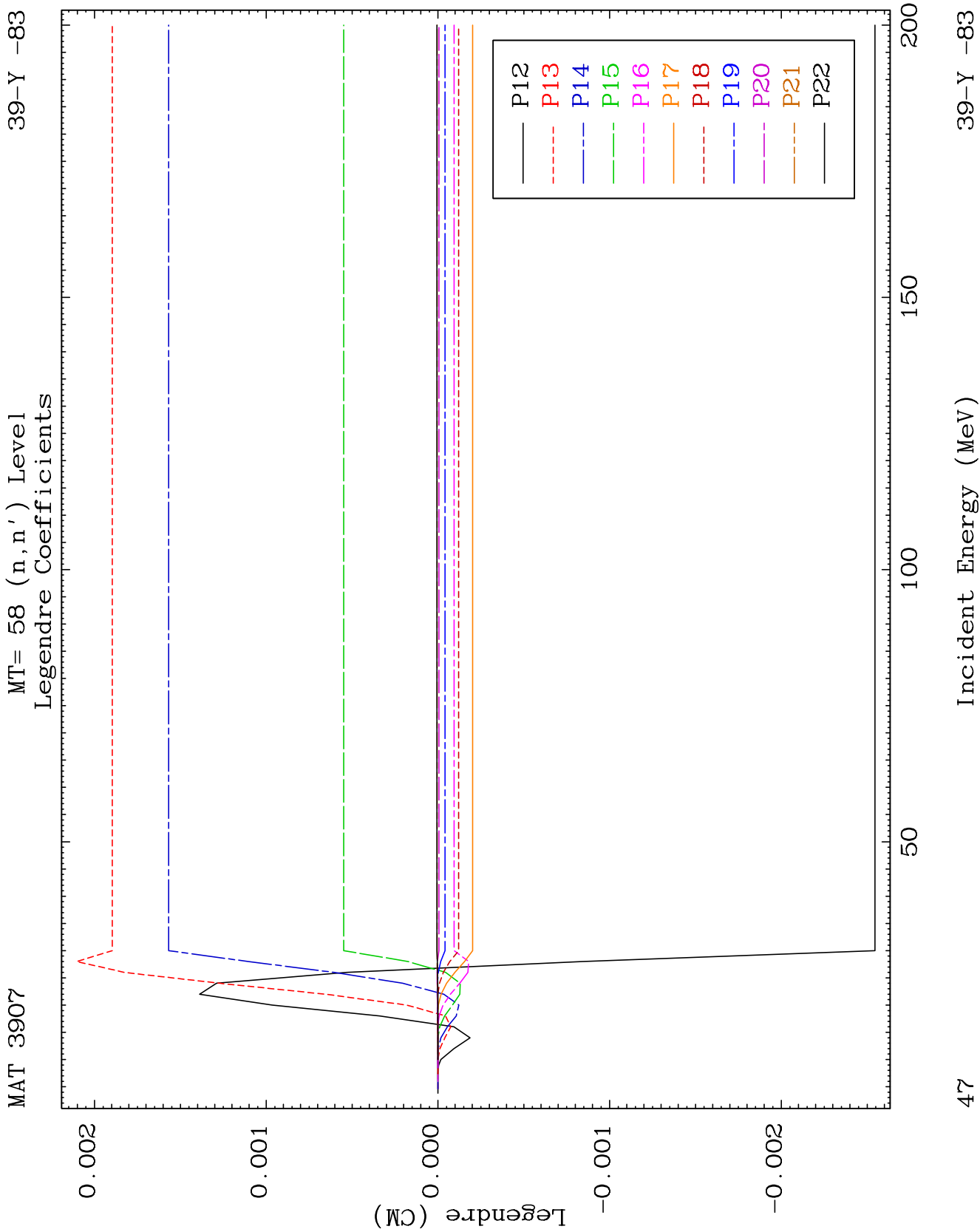


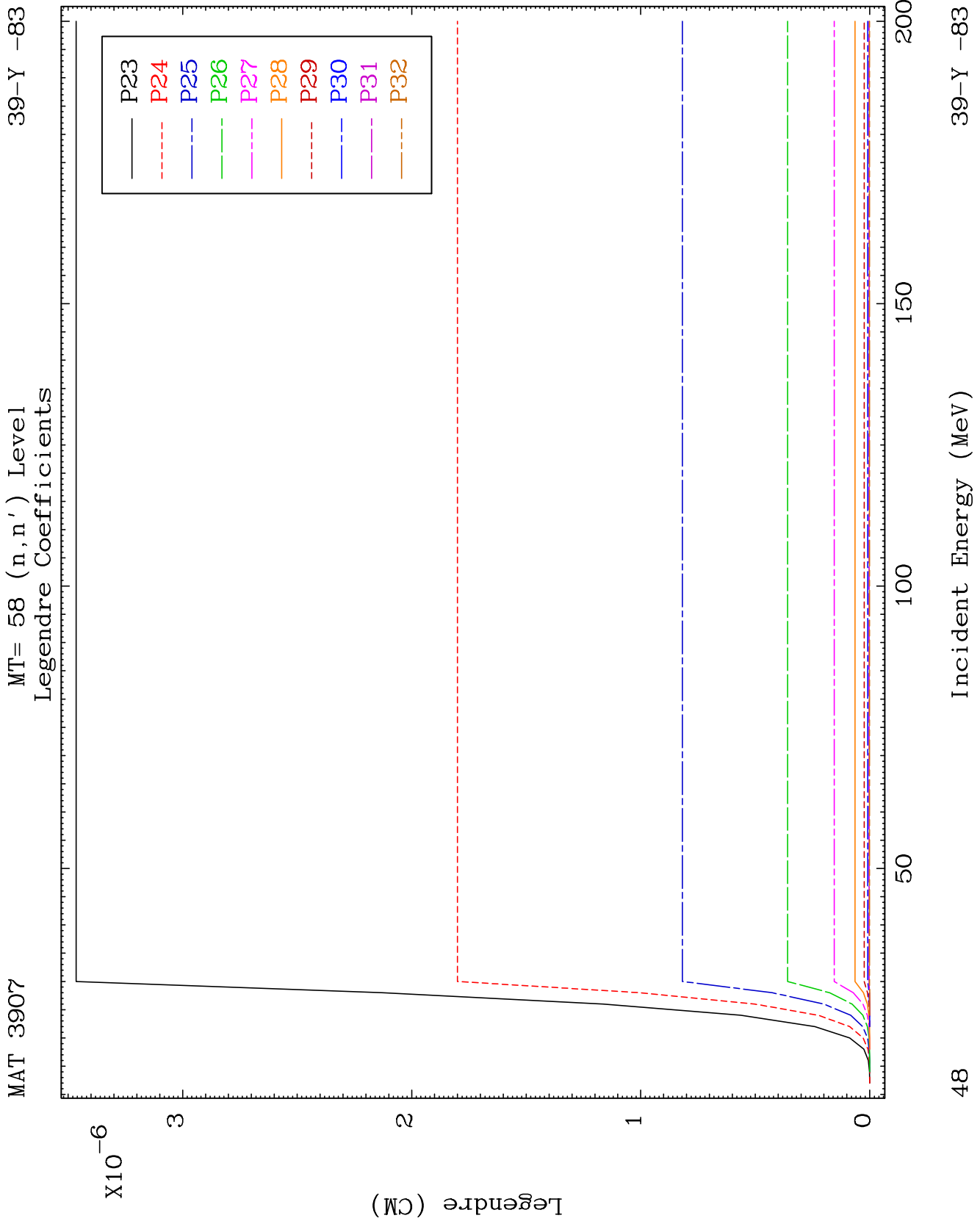
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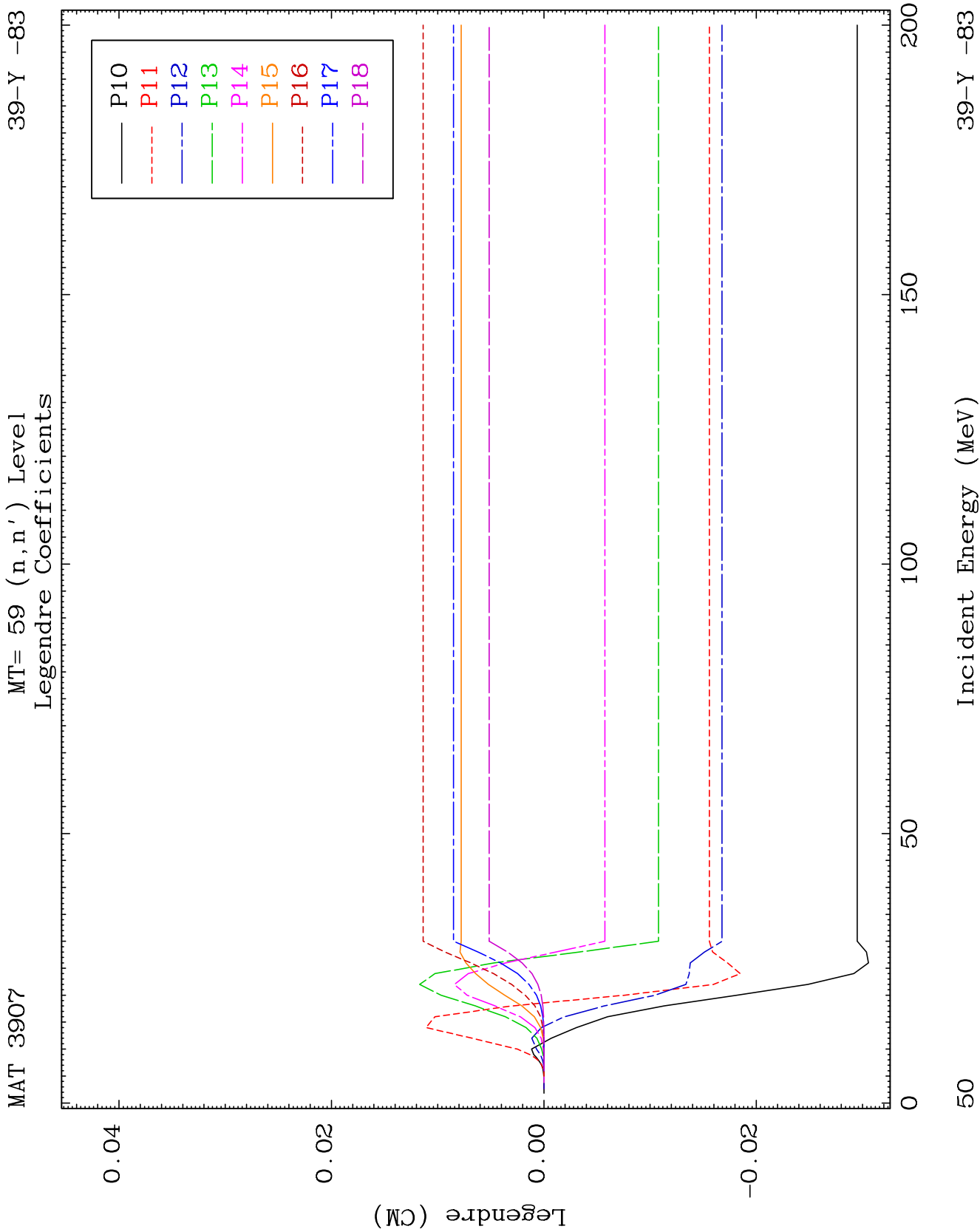
MT= 57 (n, n') Level
Legendre Coefficients

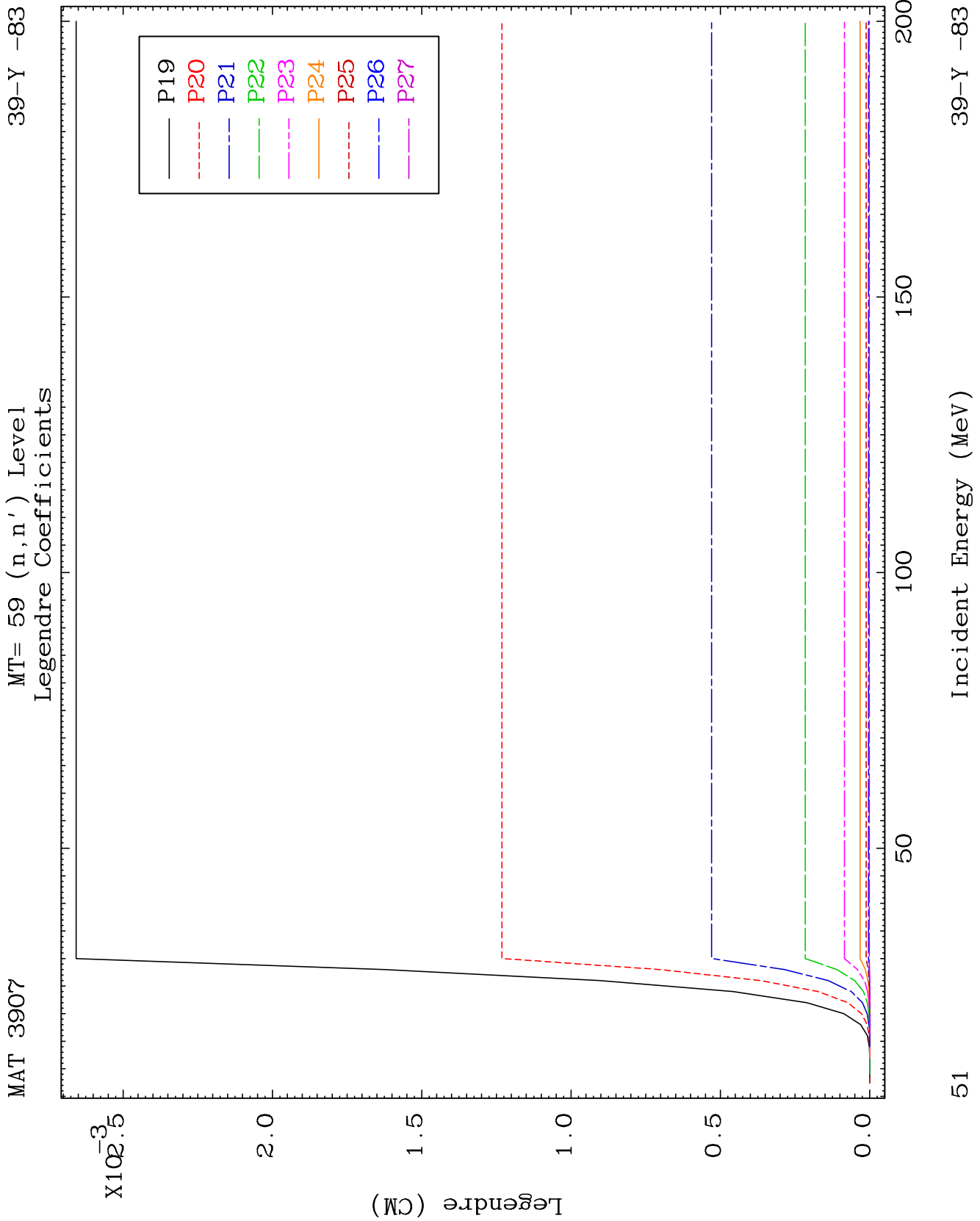
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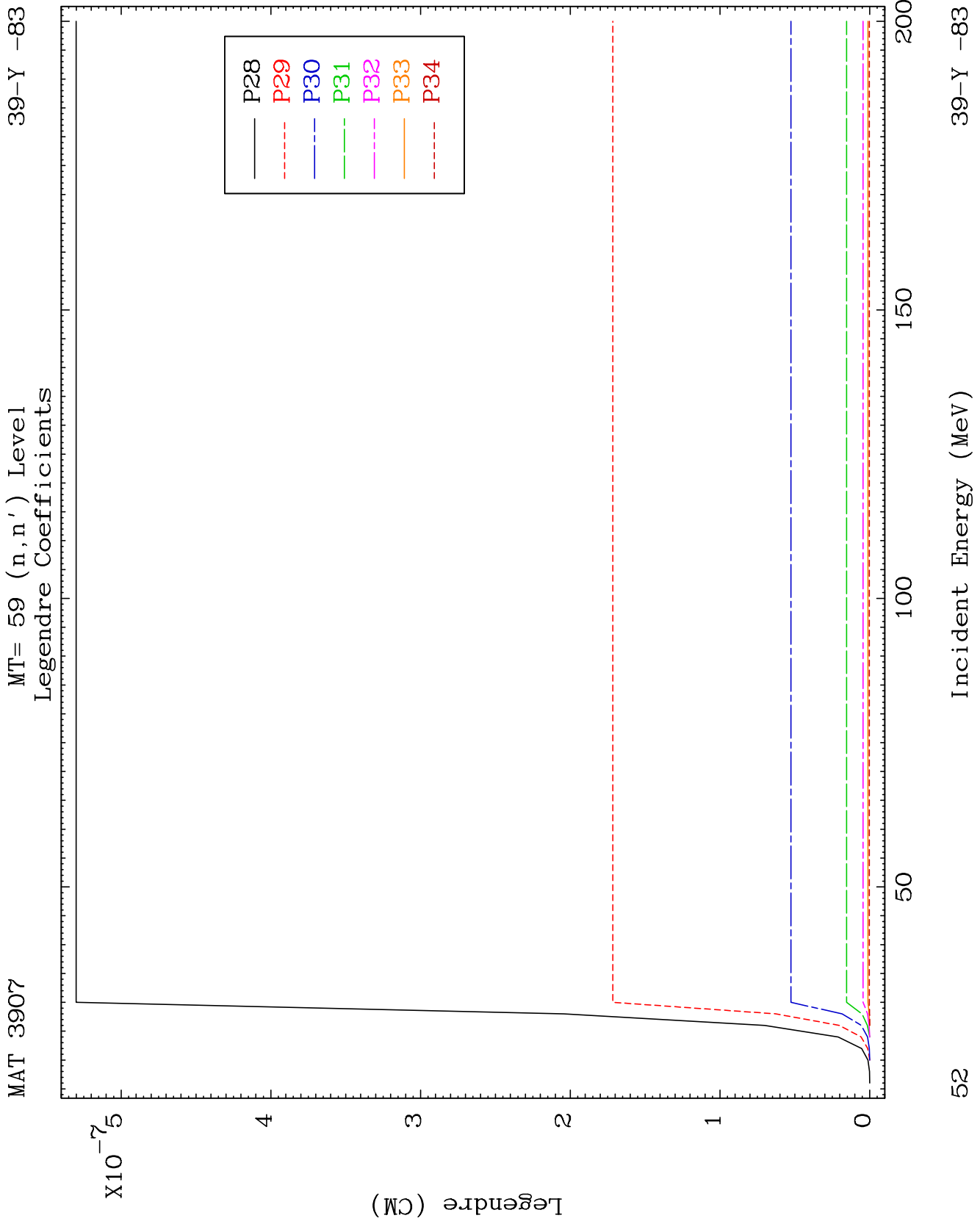


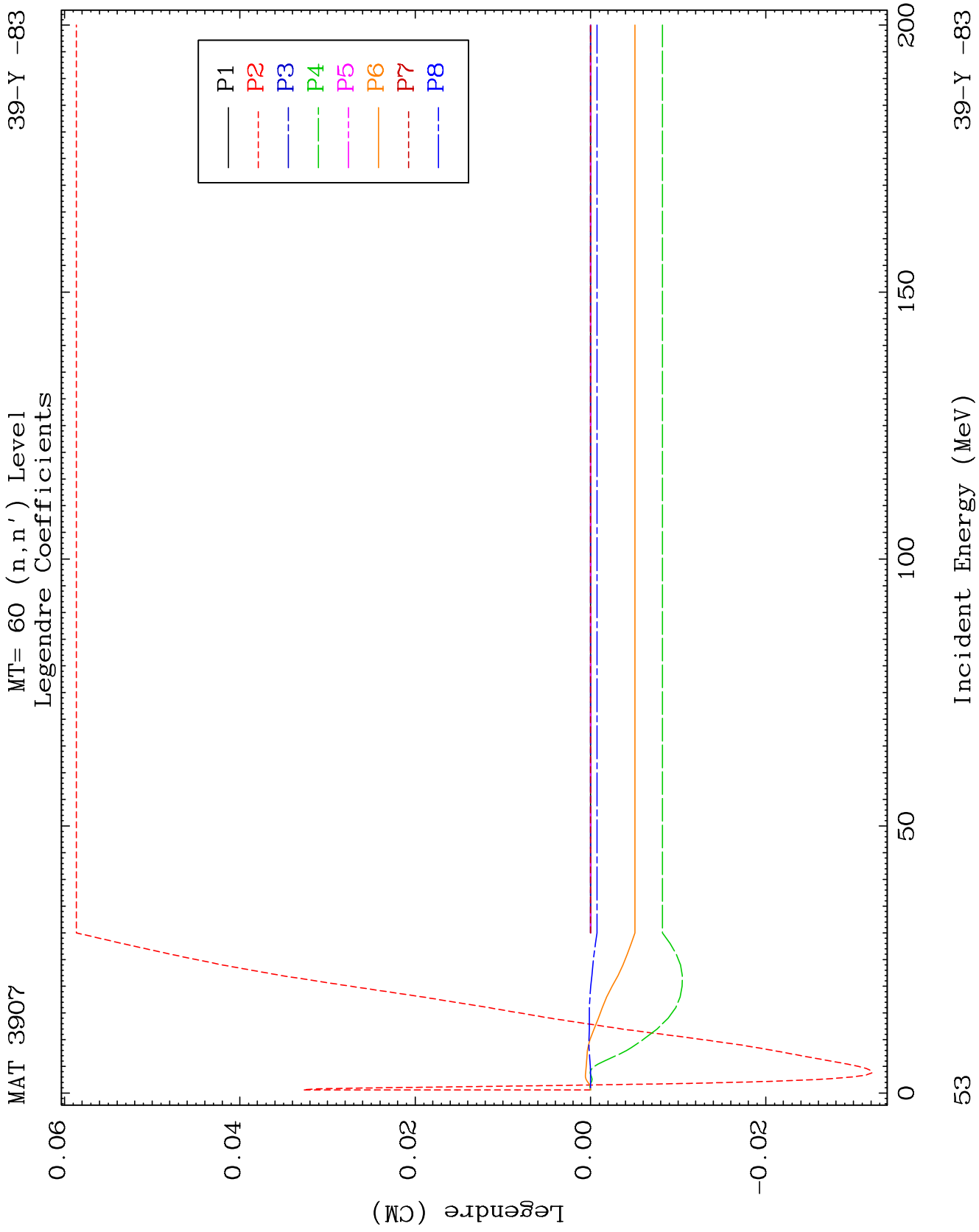


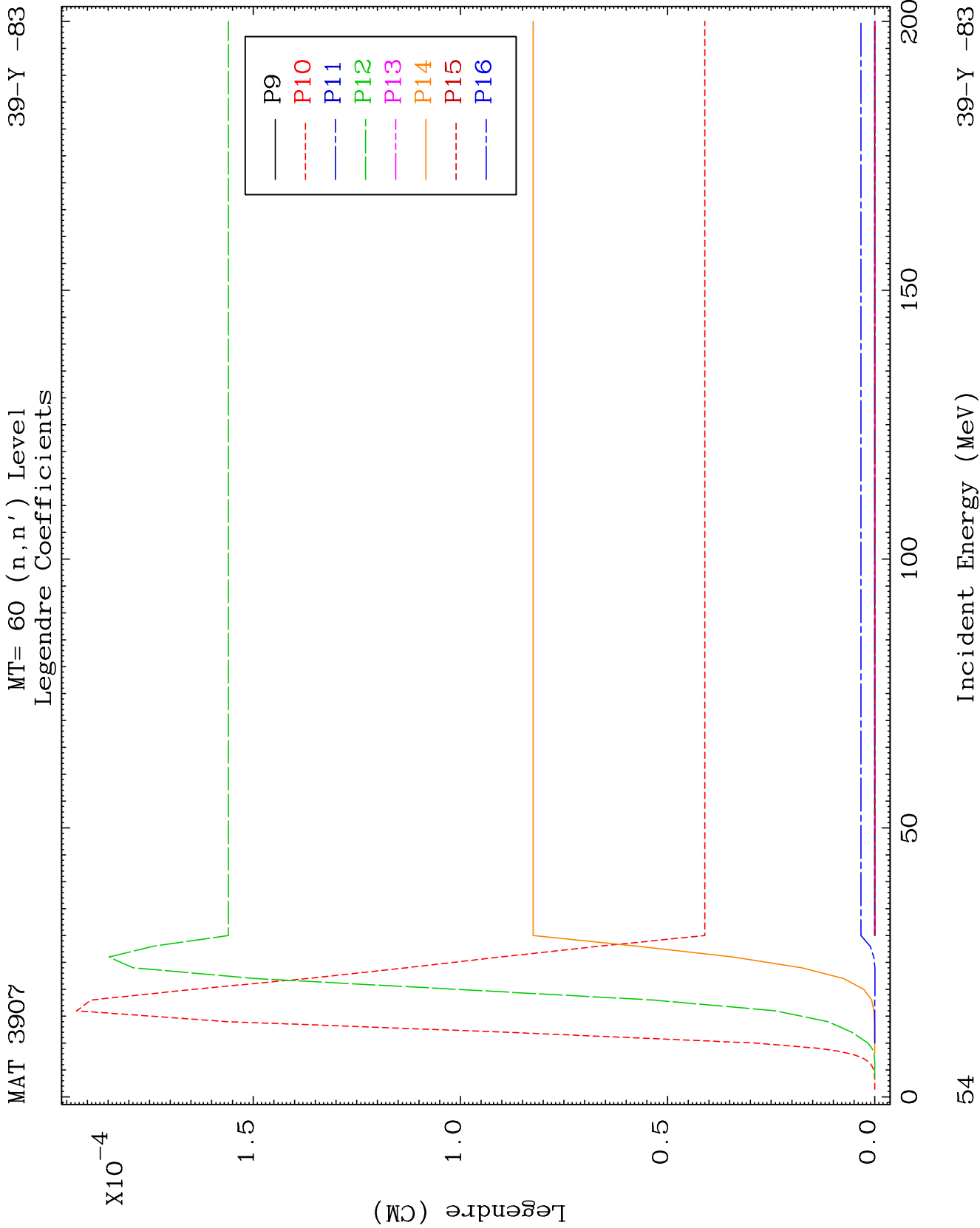


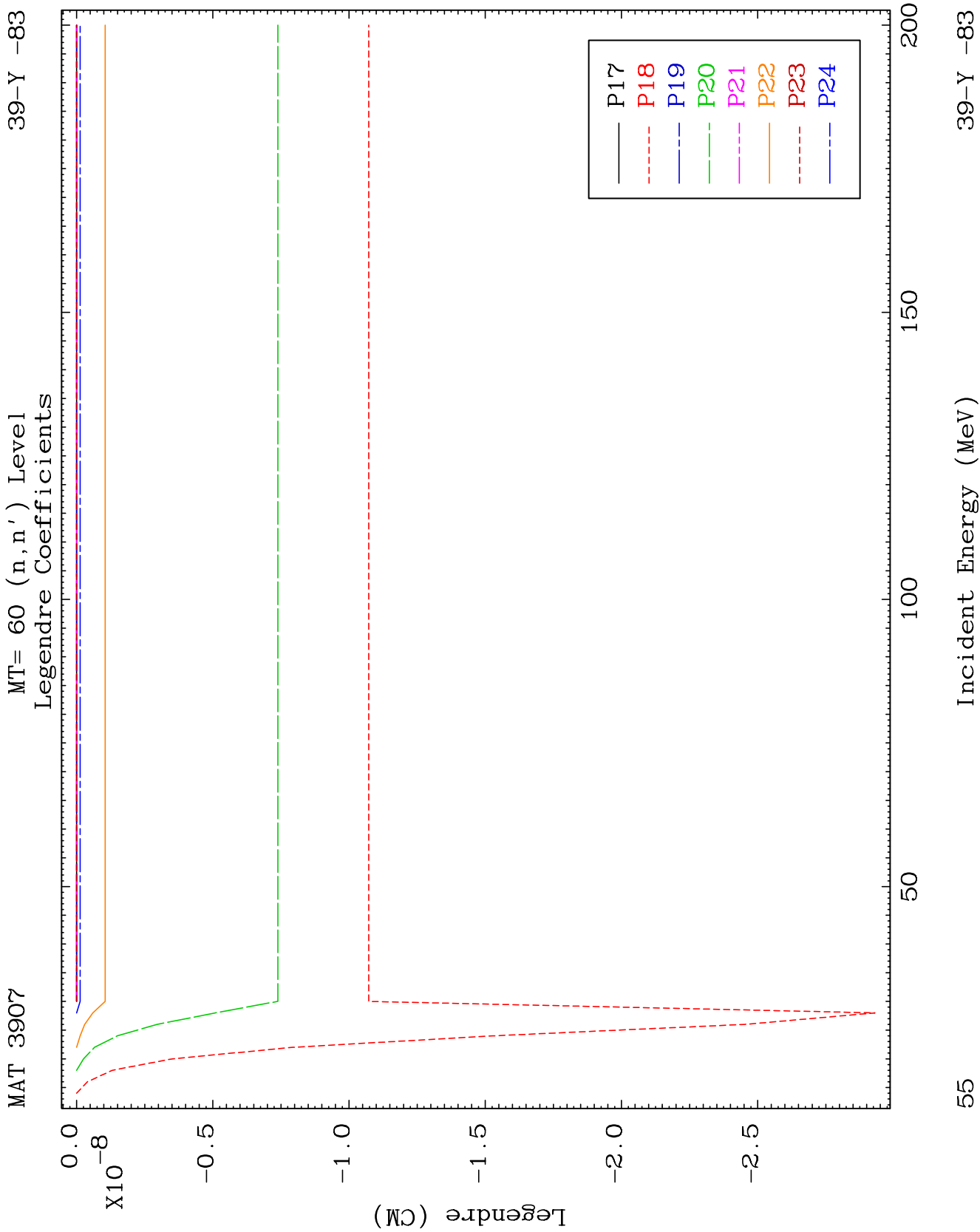


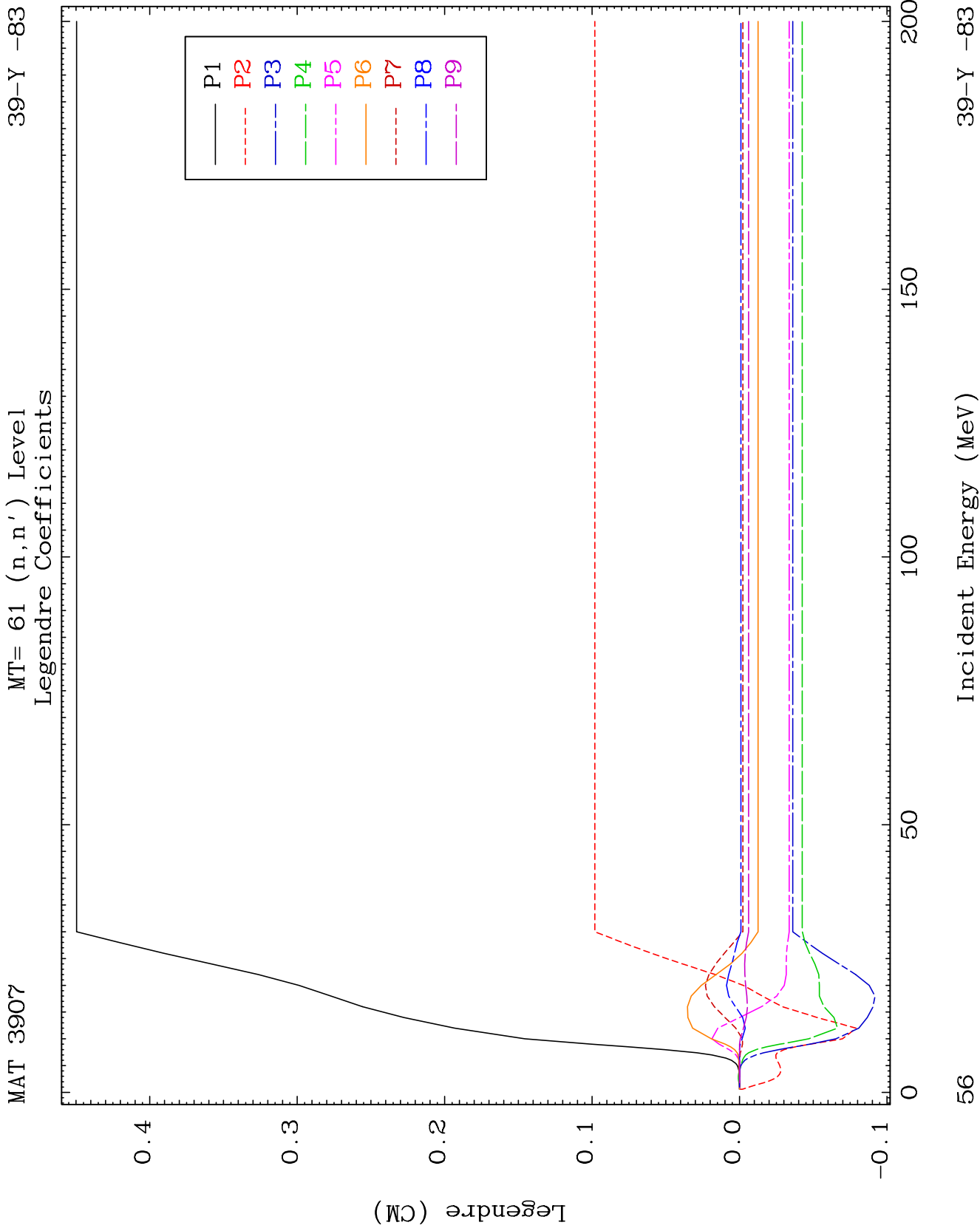


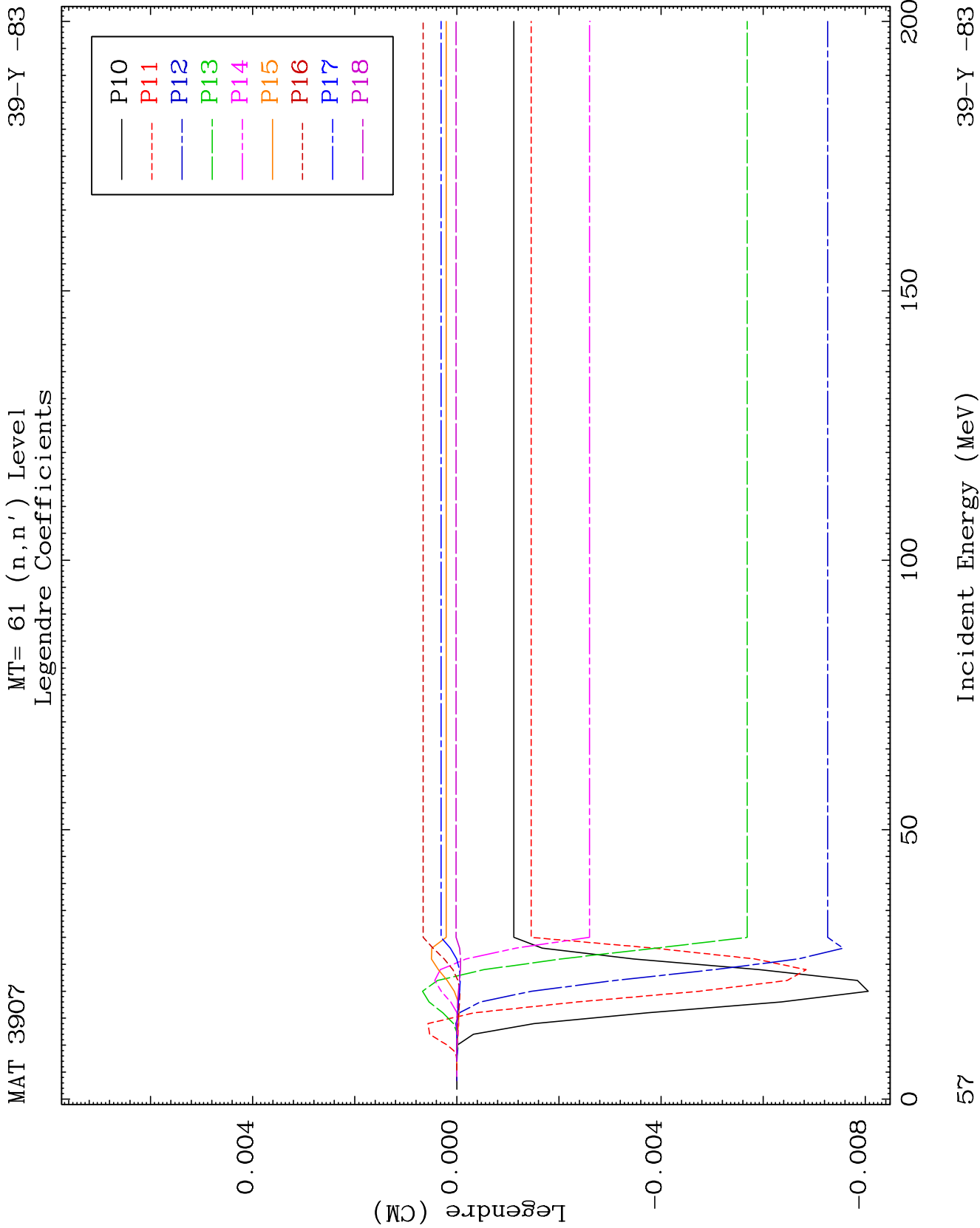


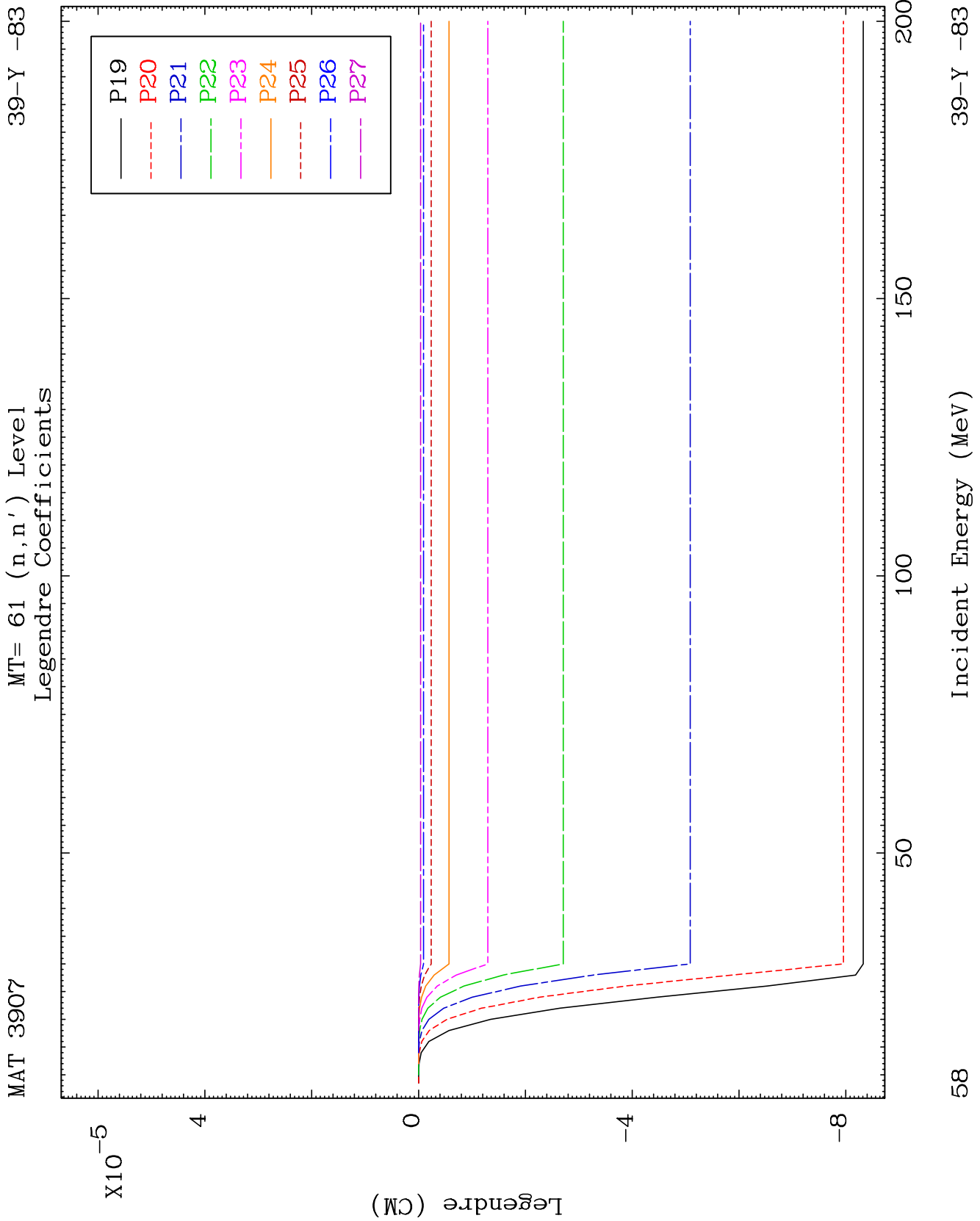


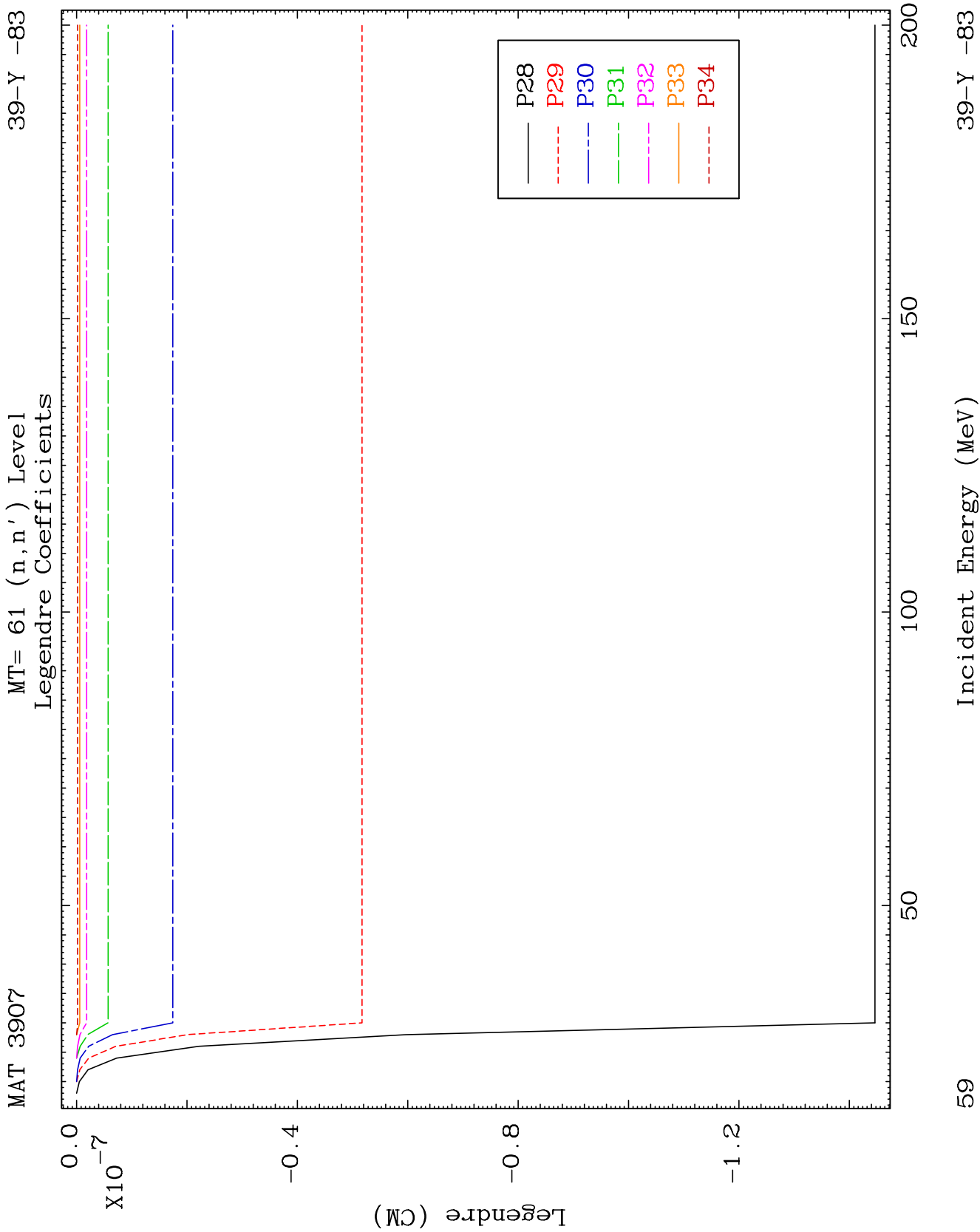


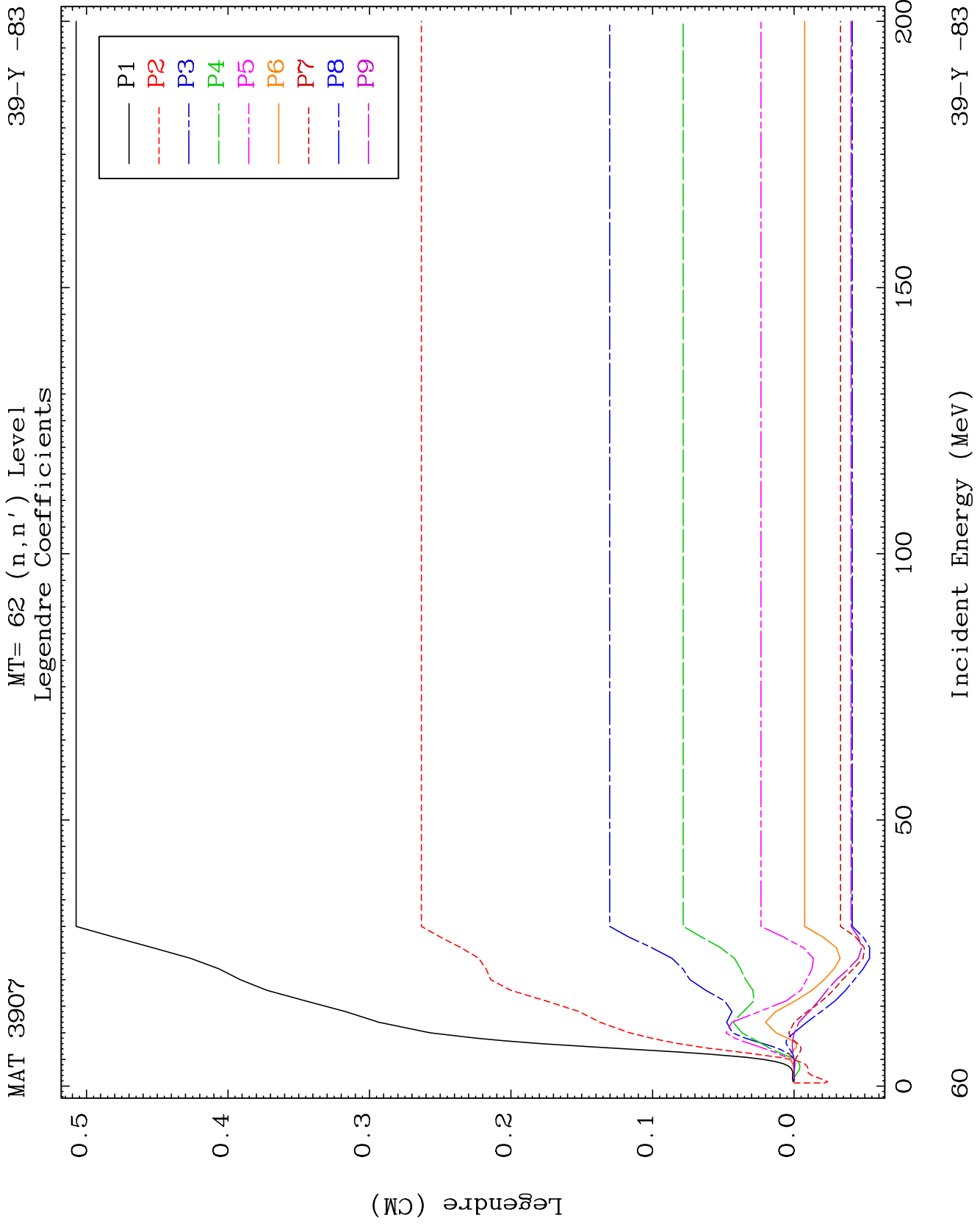


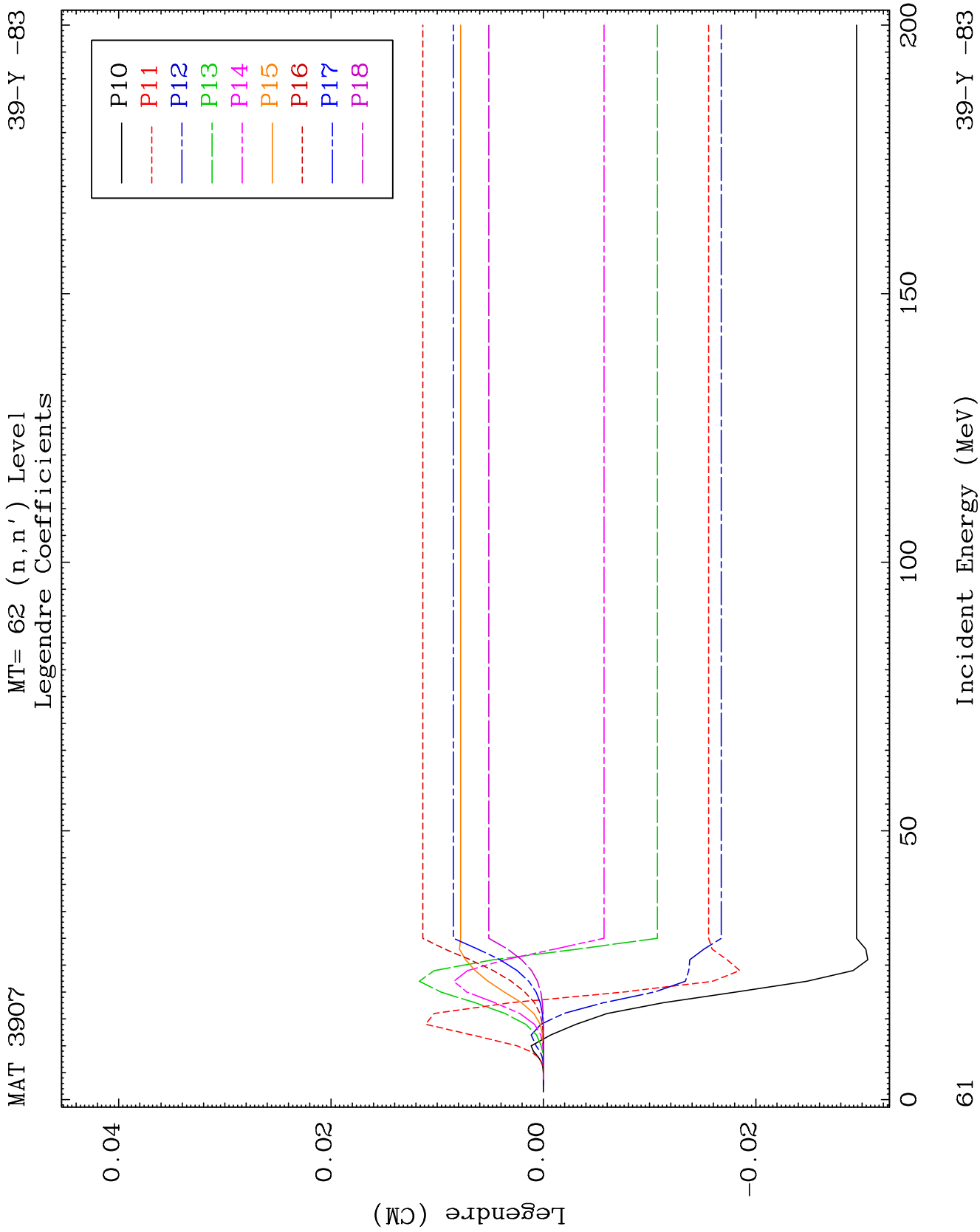


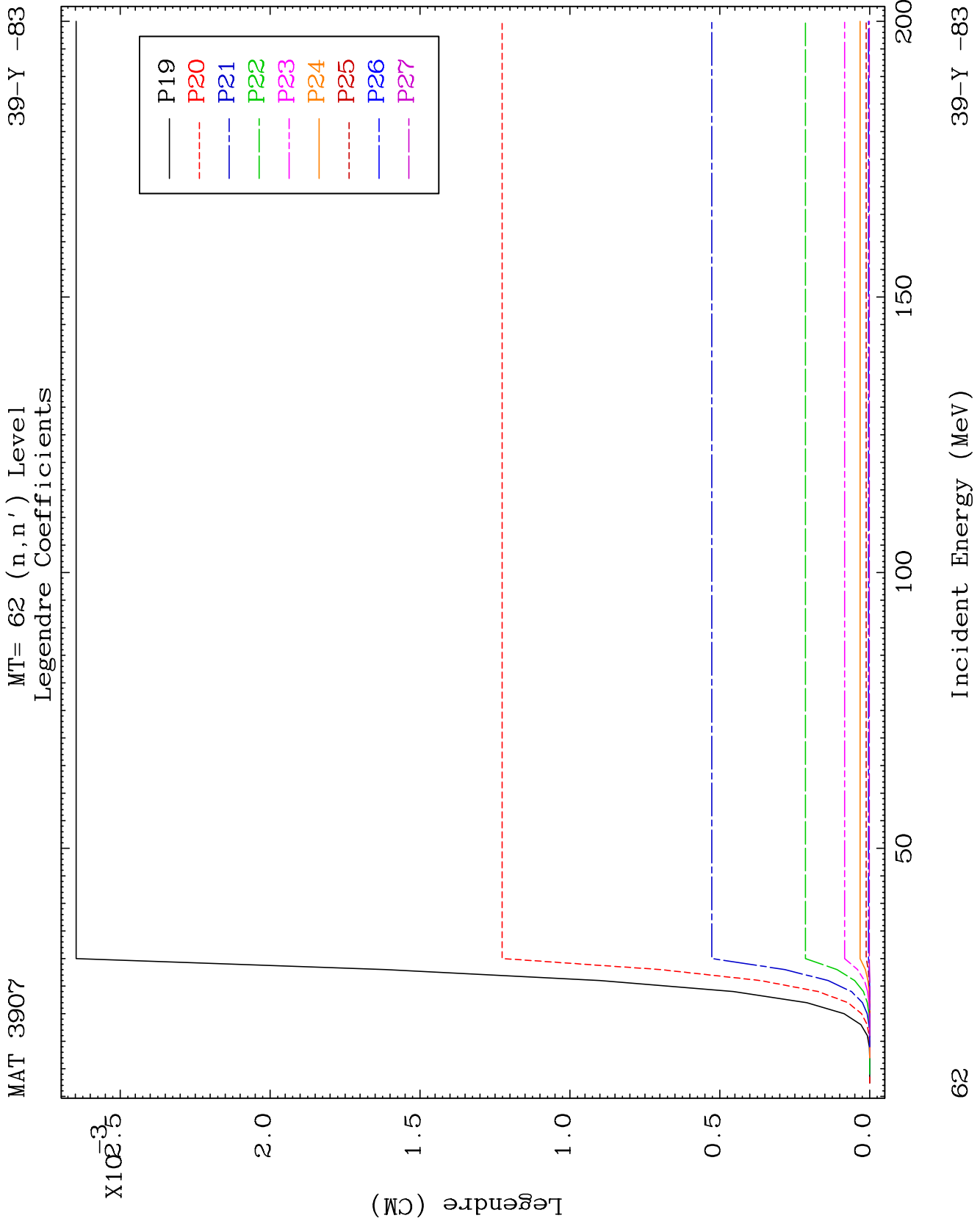


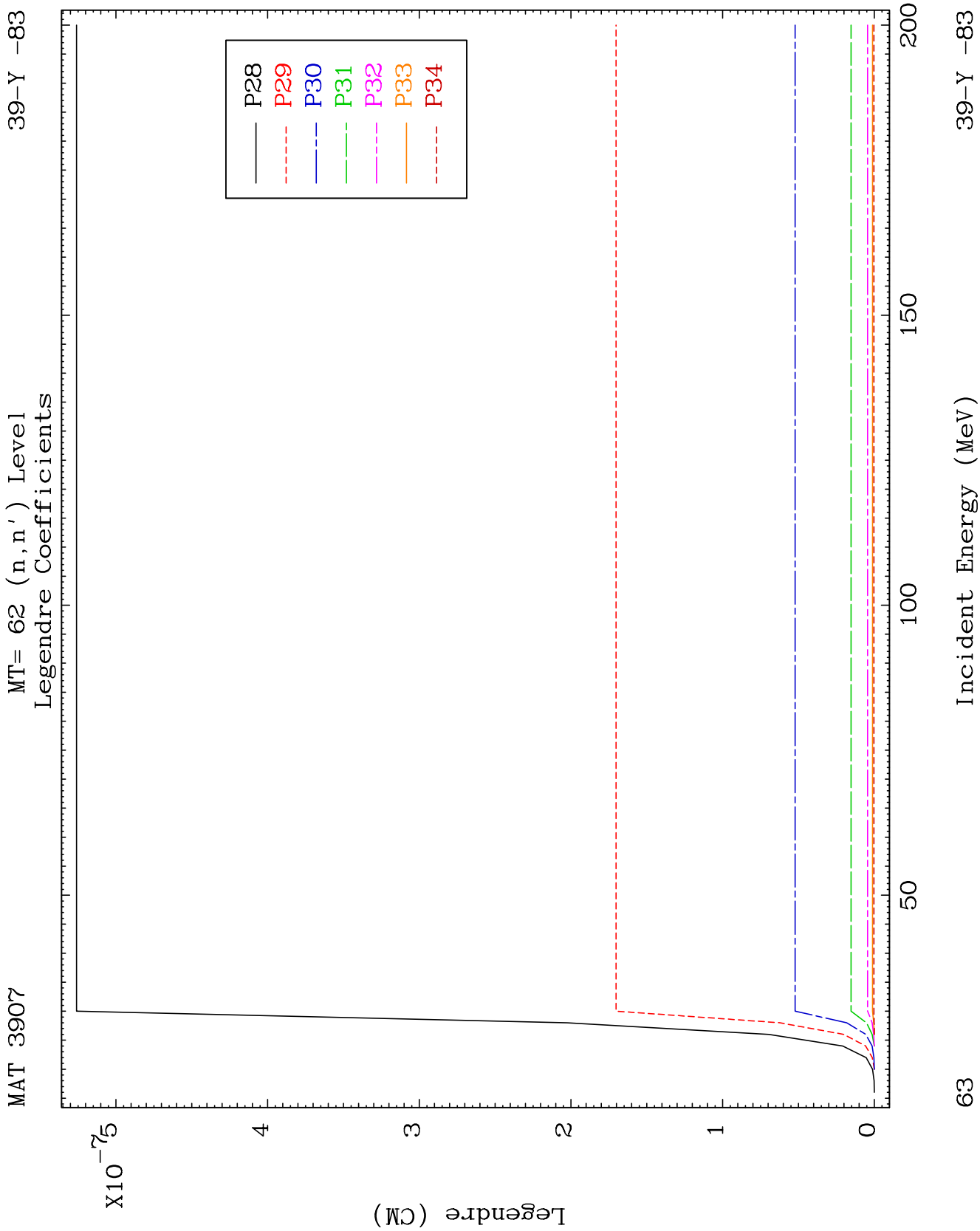


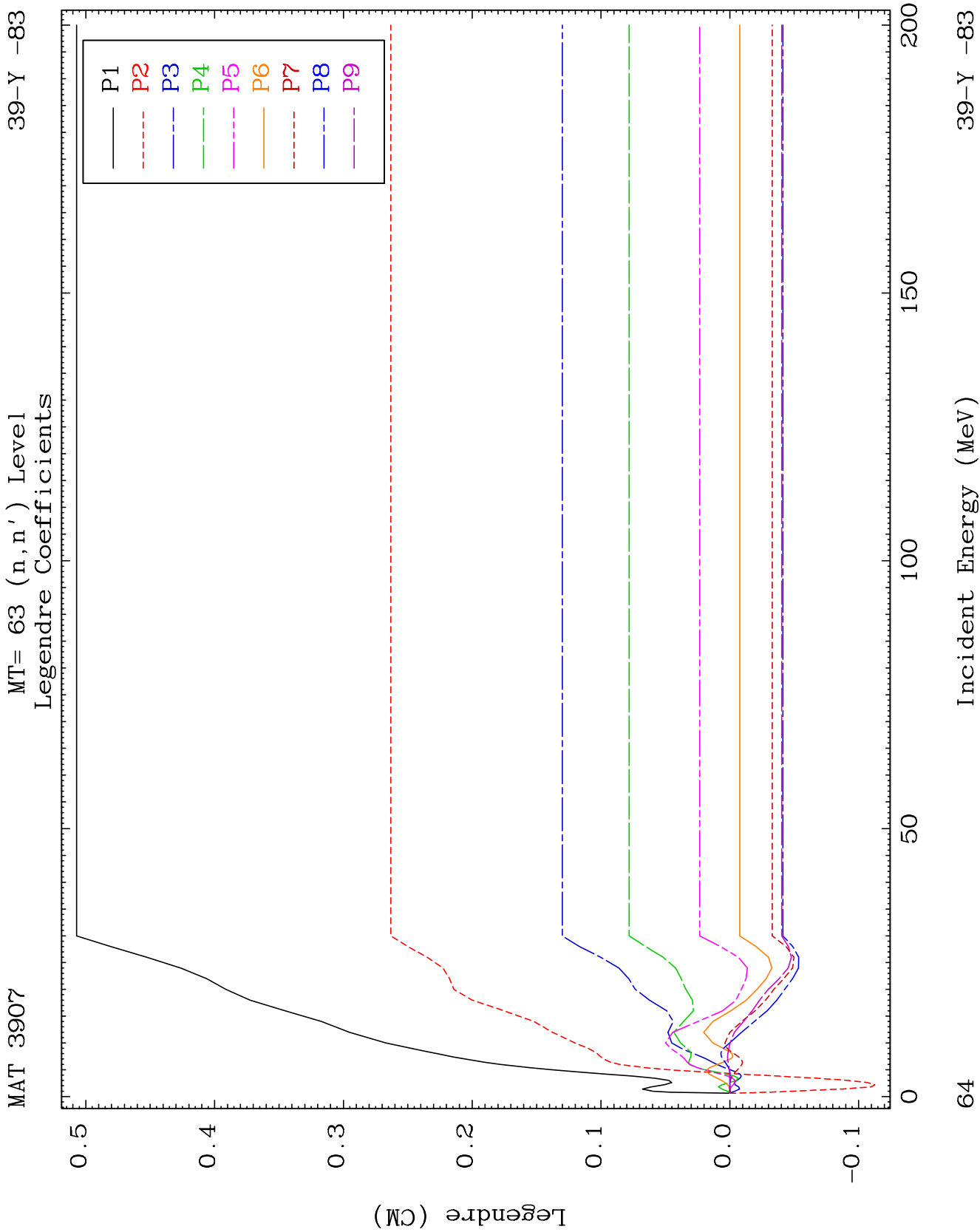


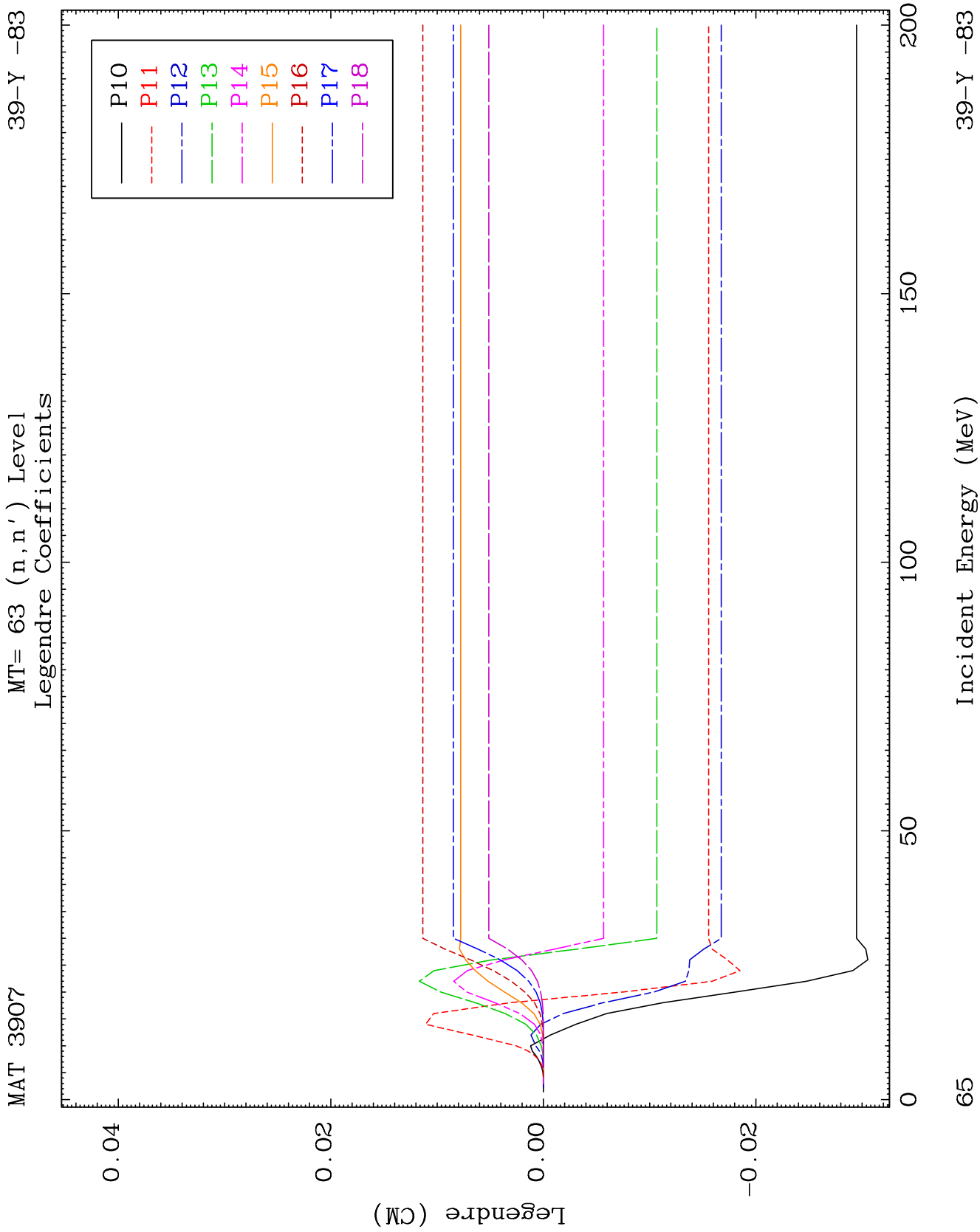


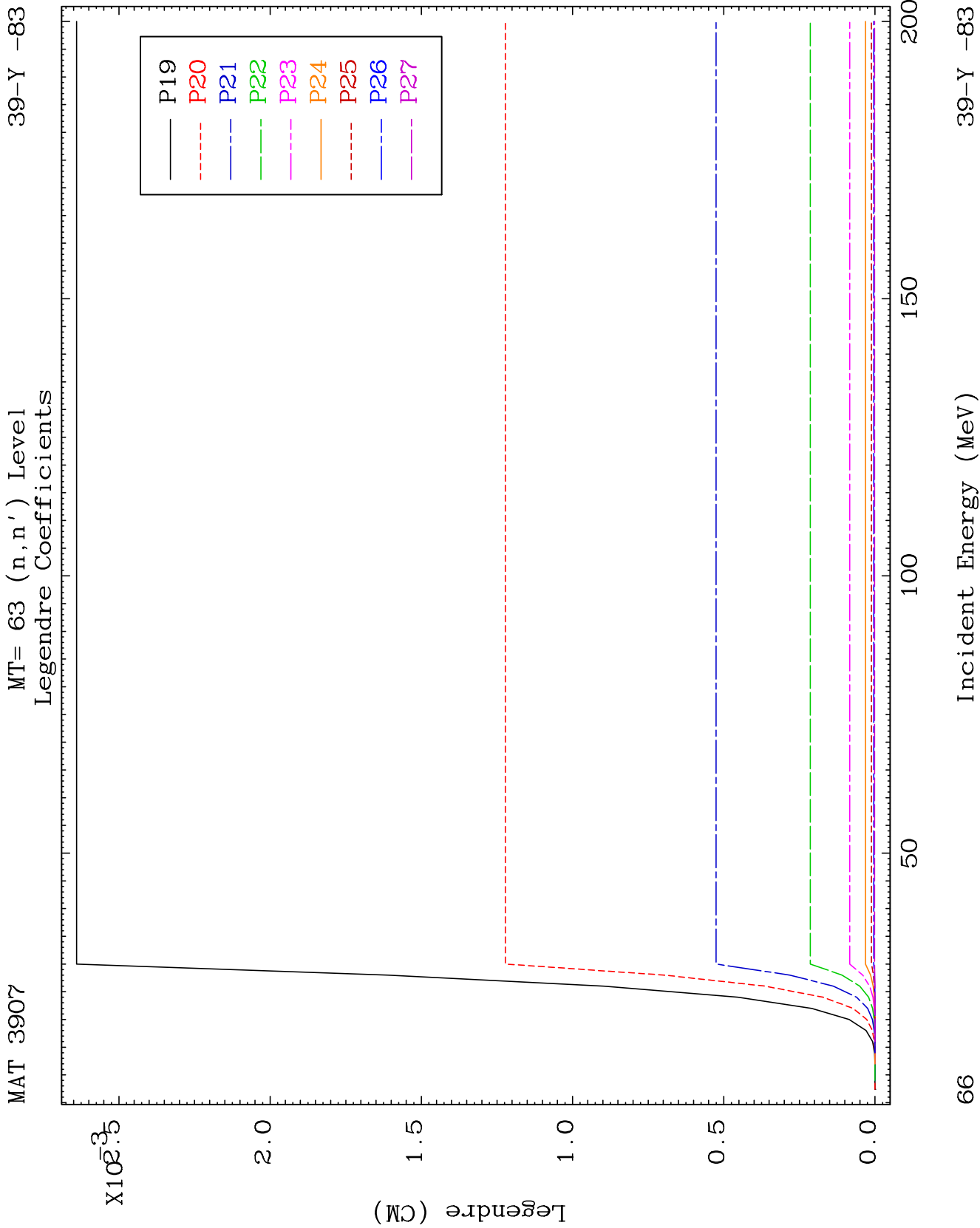


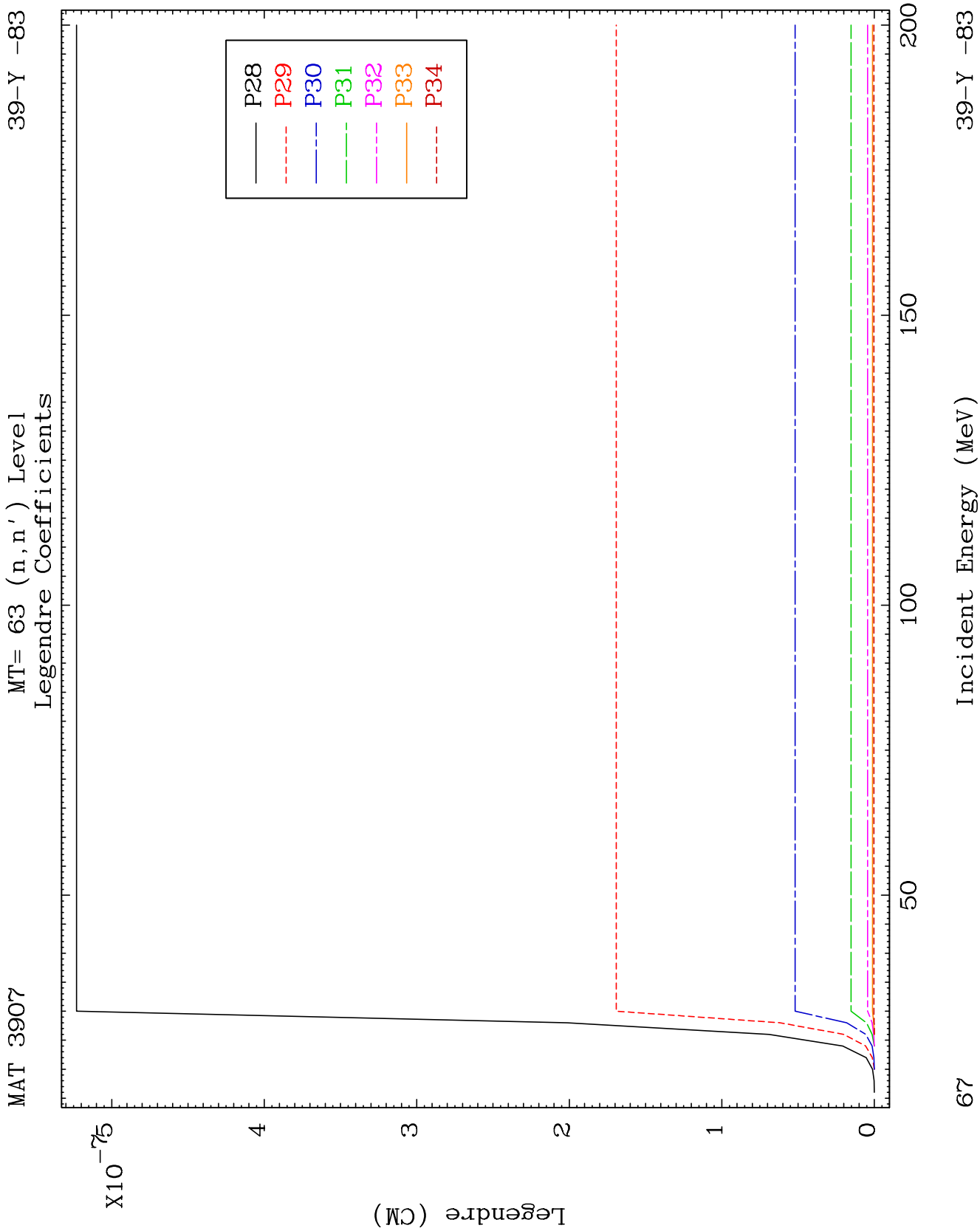








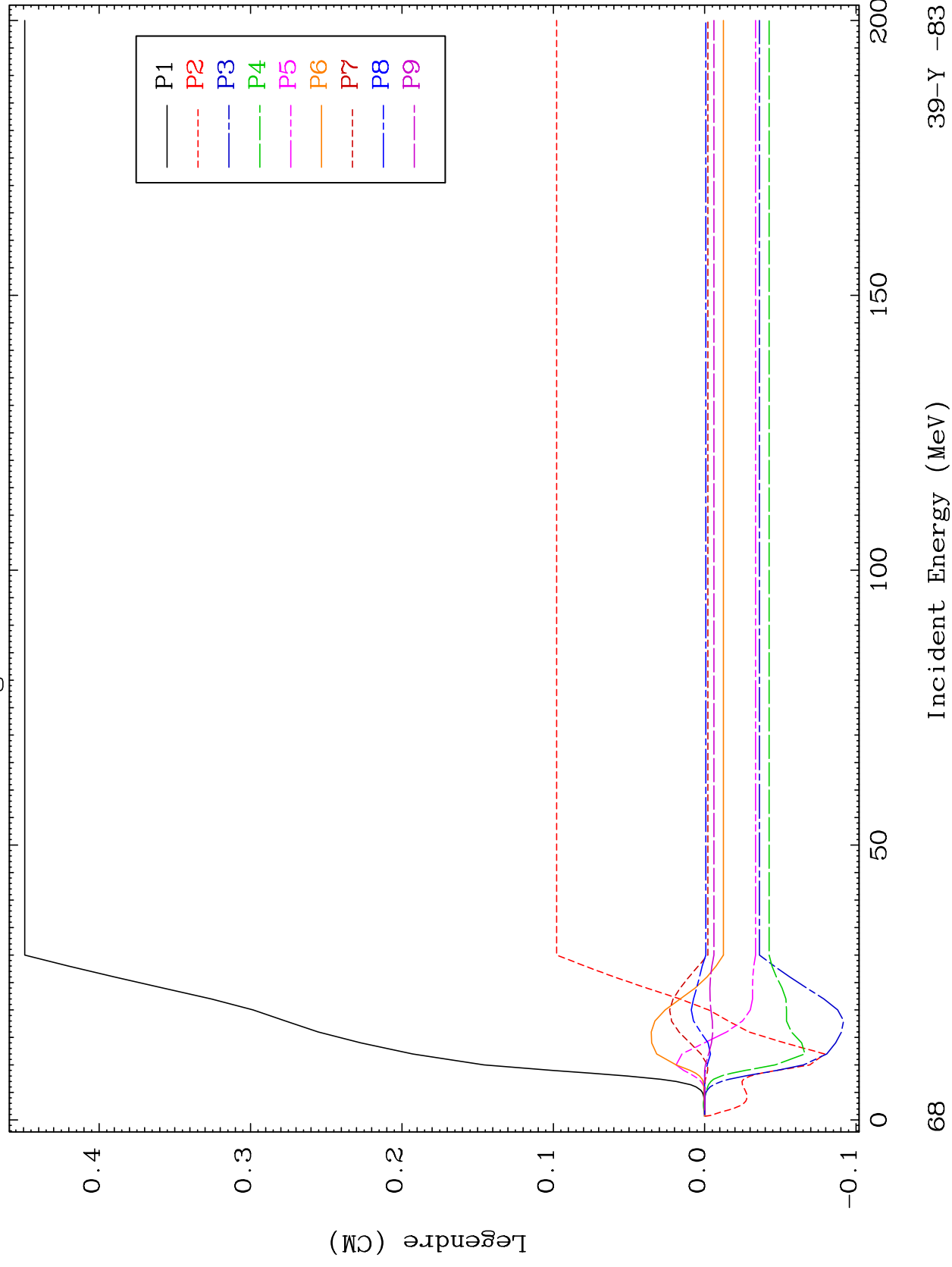


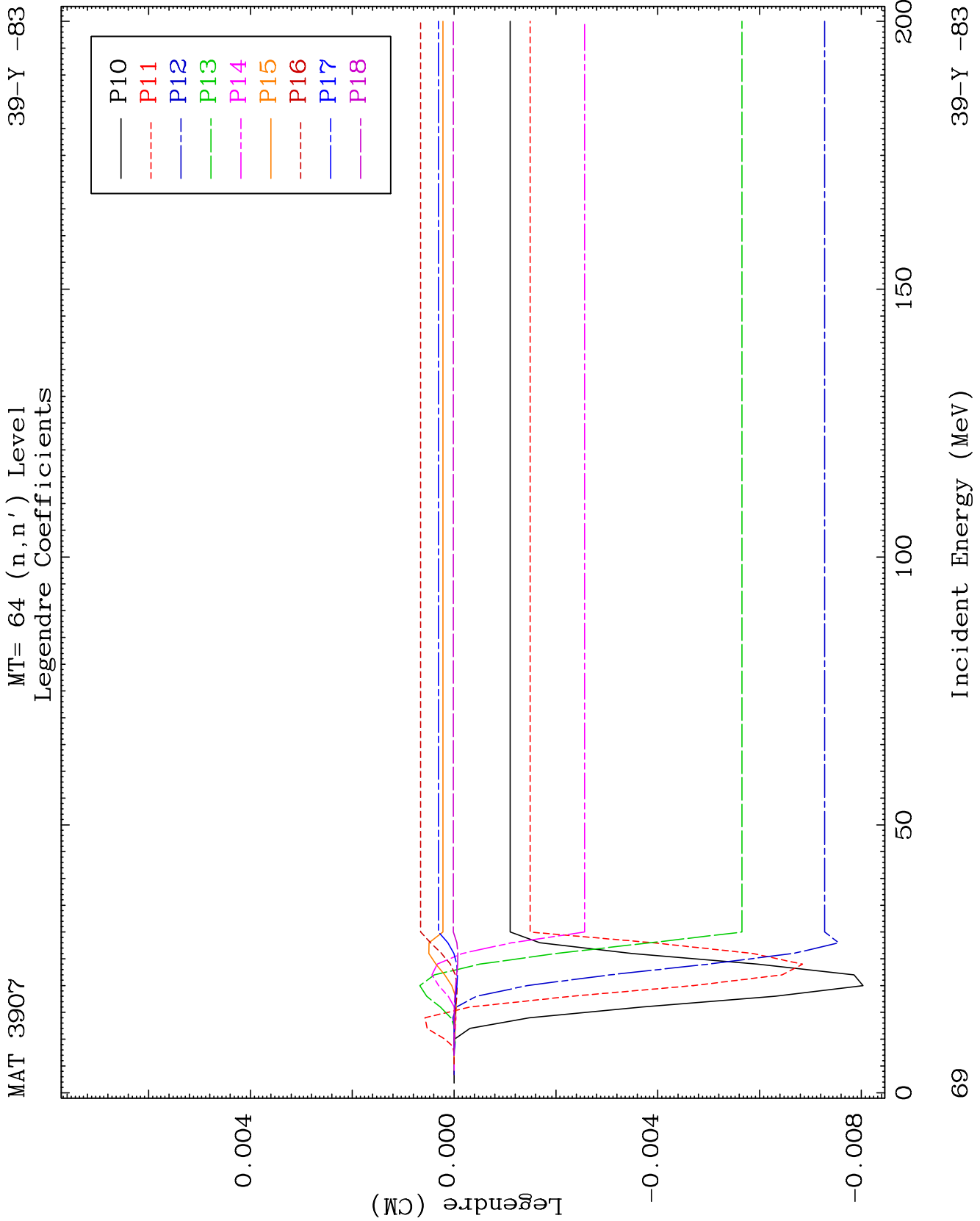


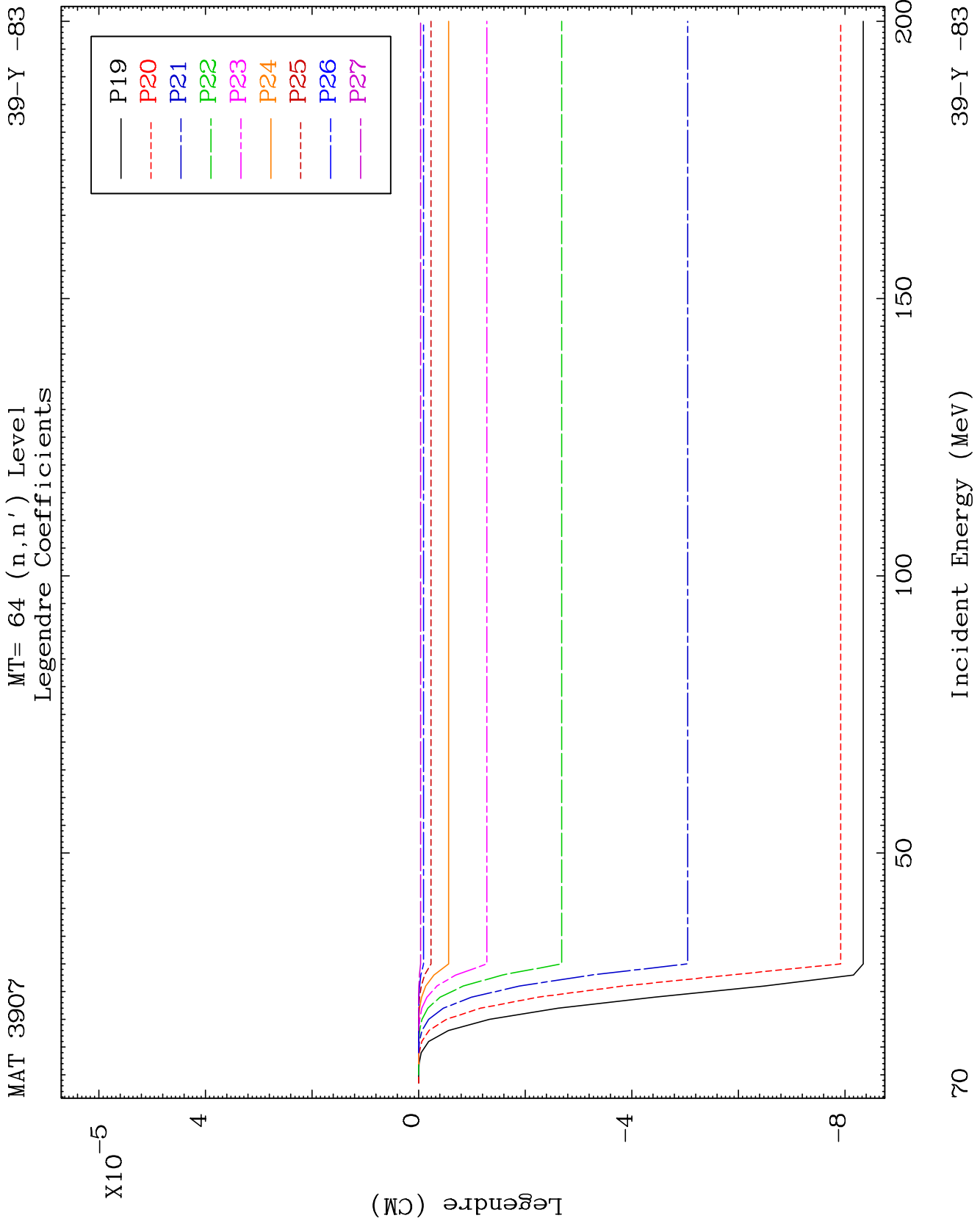
MAT 3907

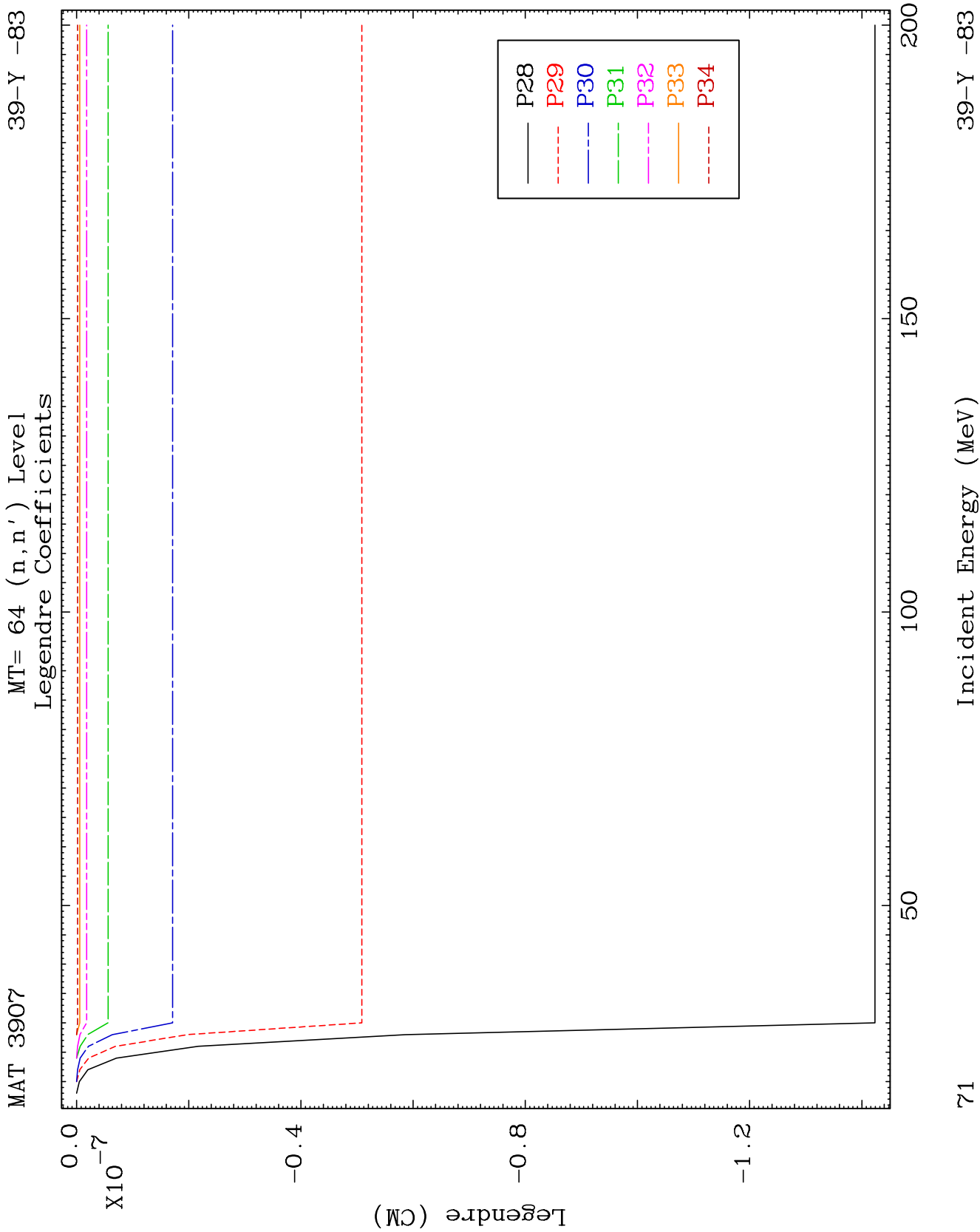
MT= 64 (n, n') Level
Legendre Coefficients

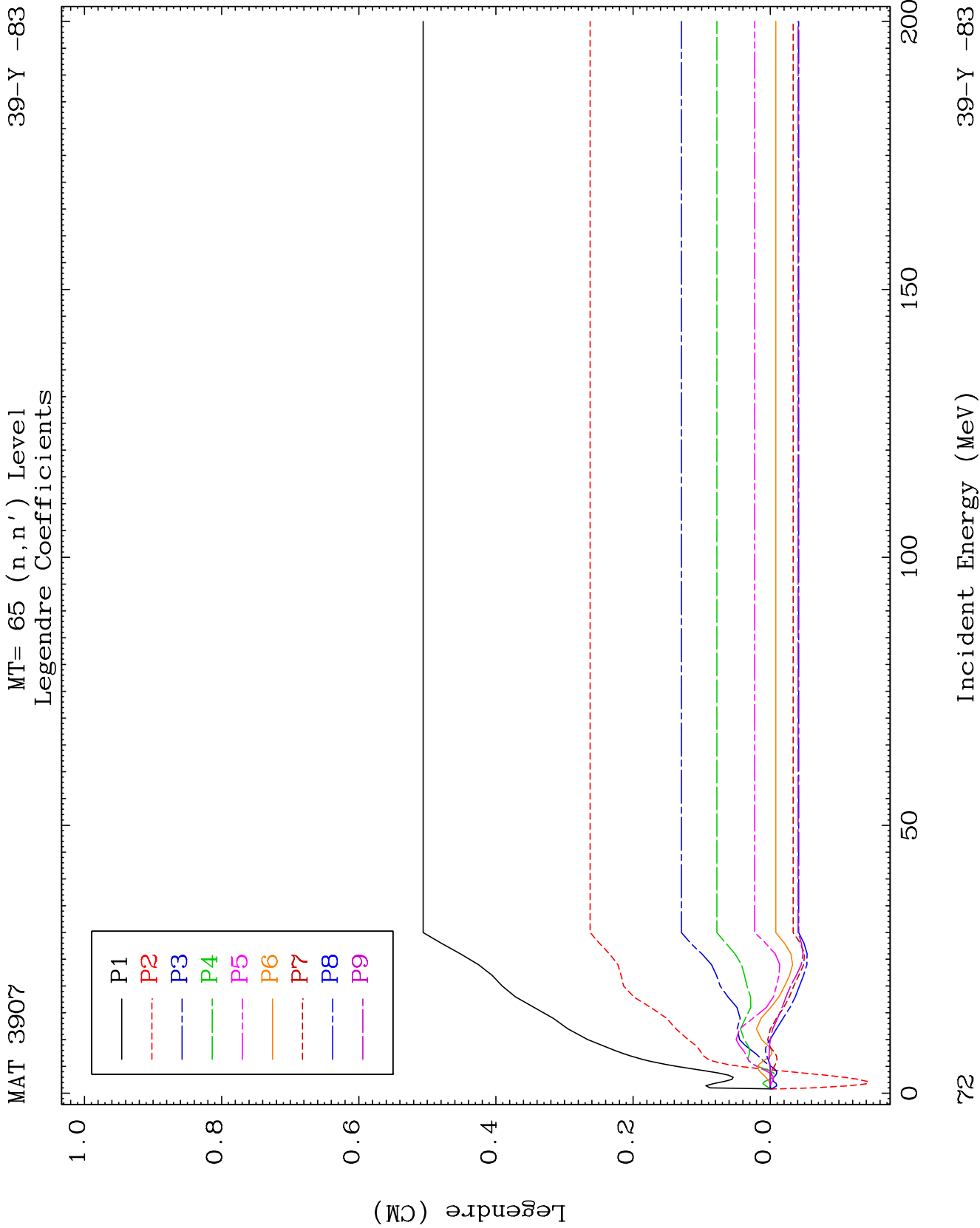
39-Y -83







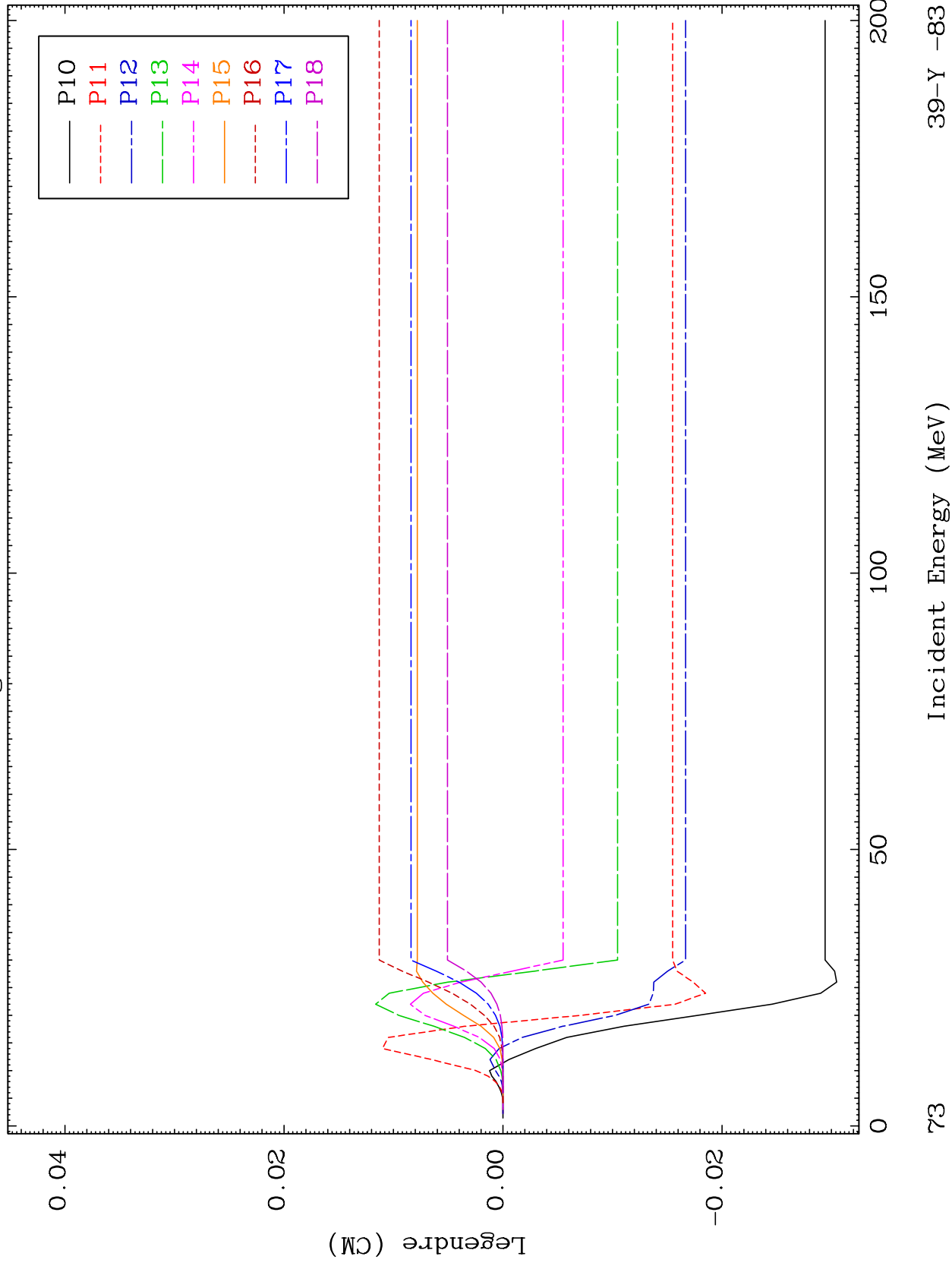


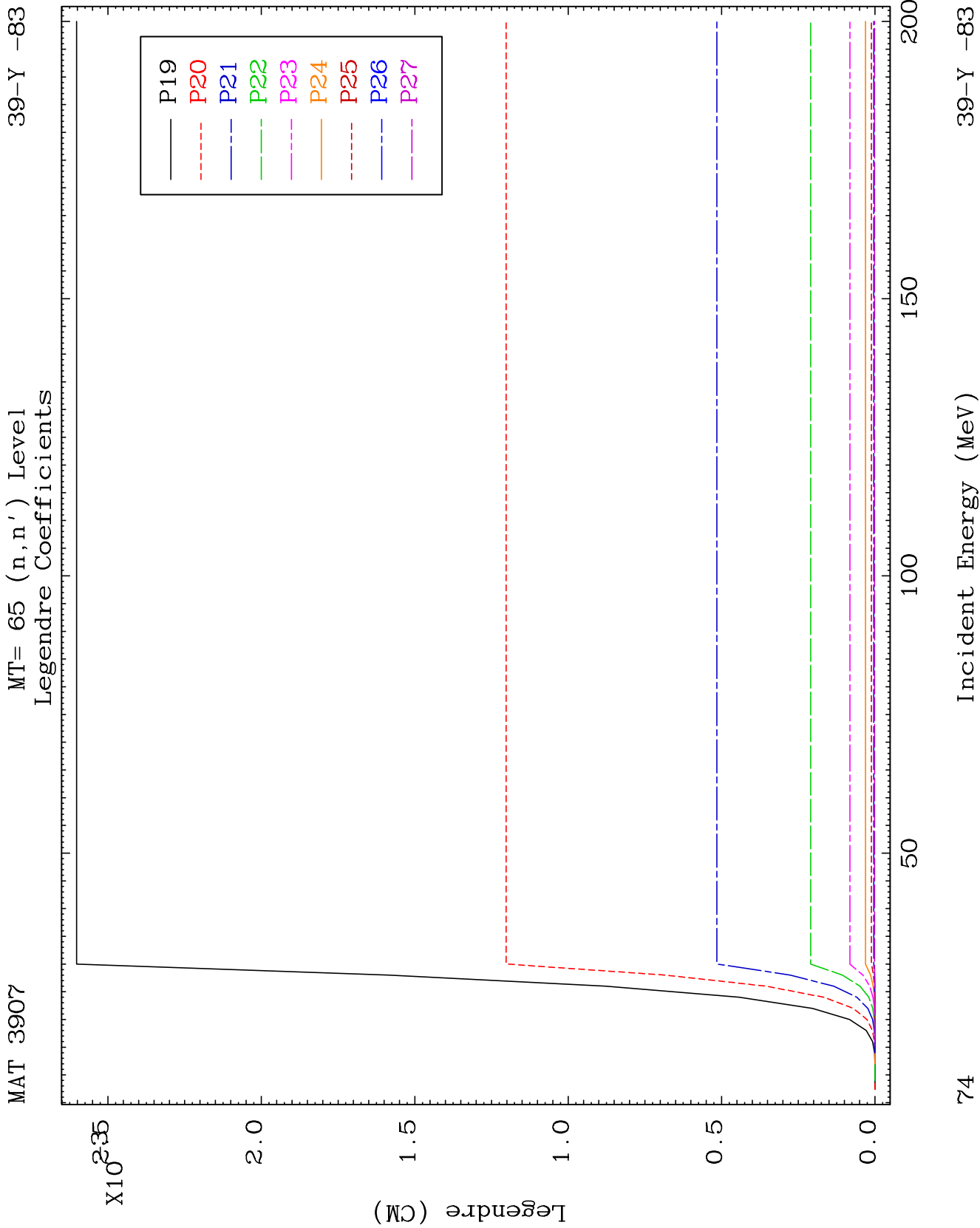


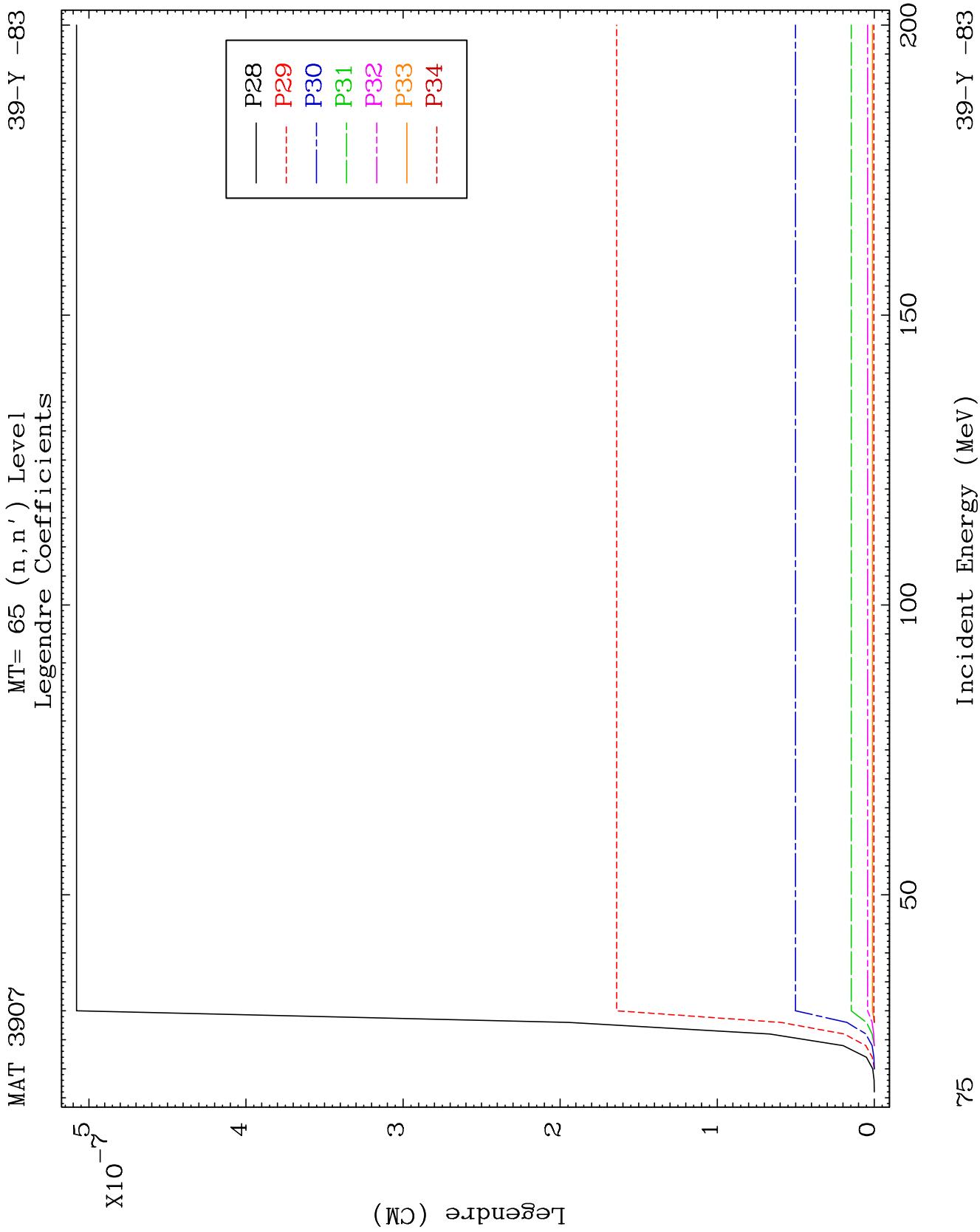
MAT 3907

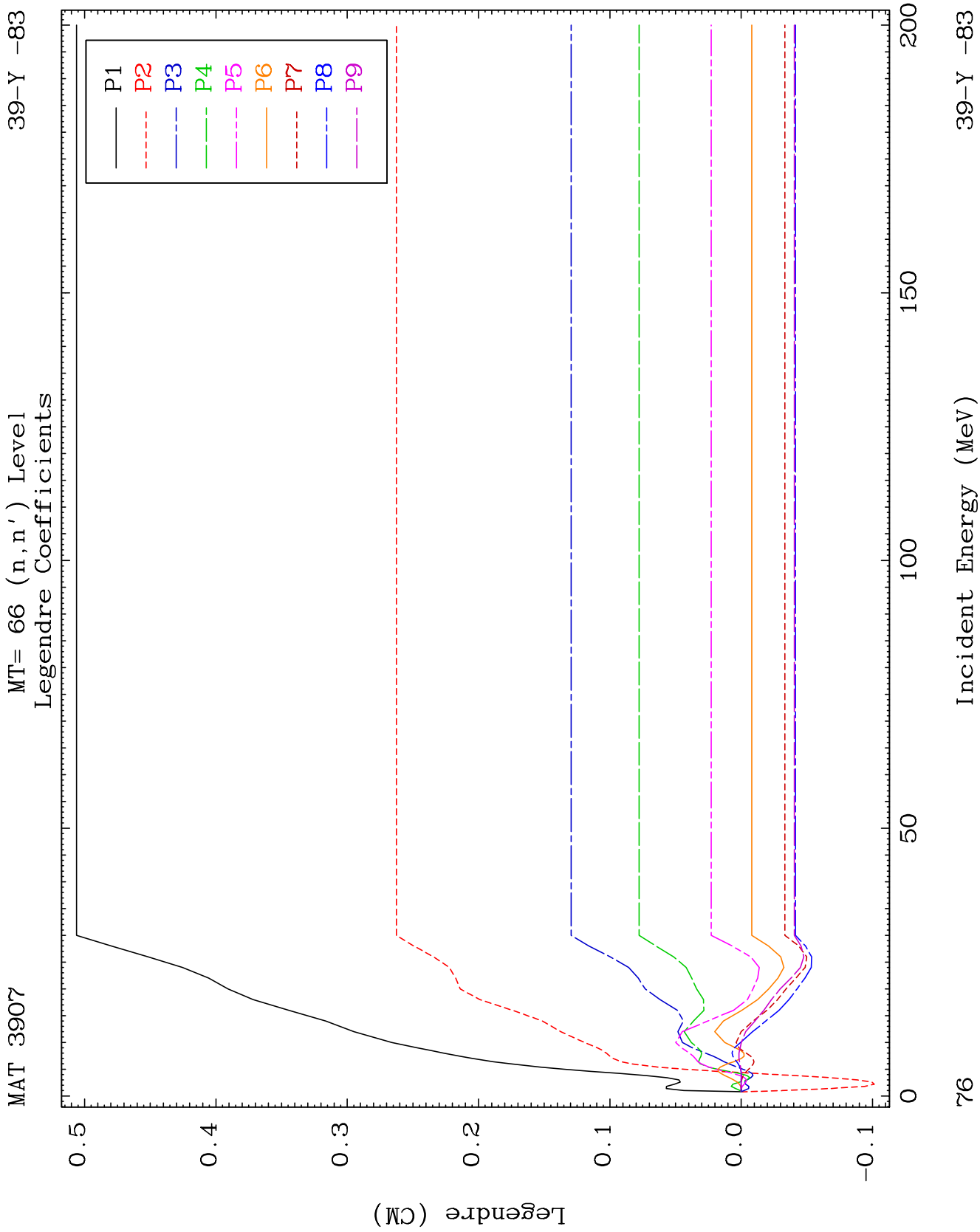
MT= 65 (n, n') Level
Legendre Coefficients

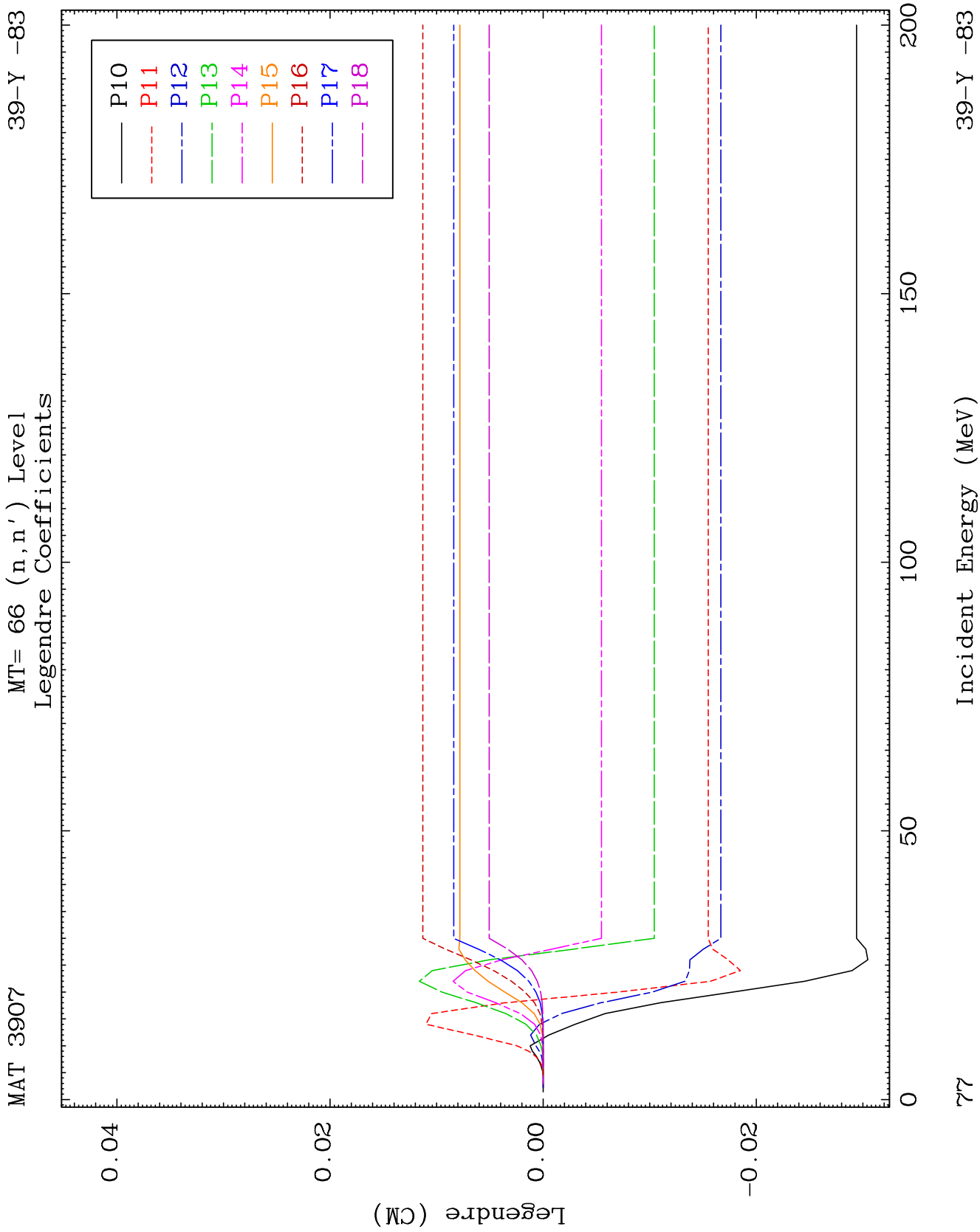
39-Y -83

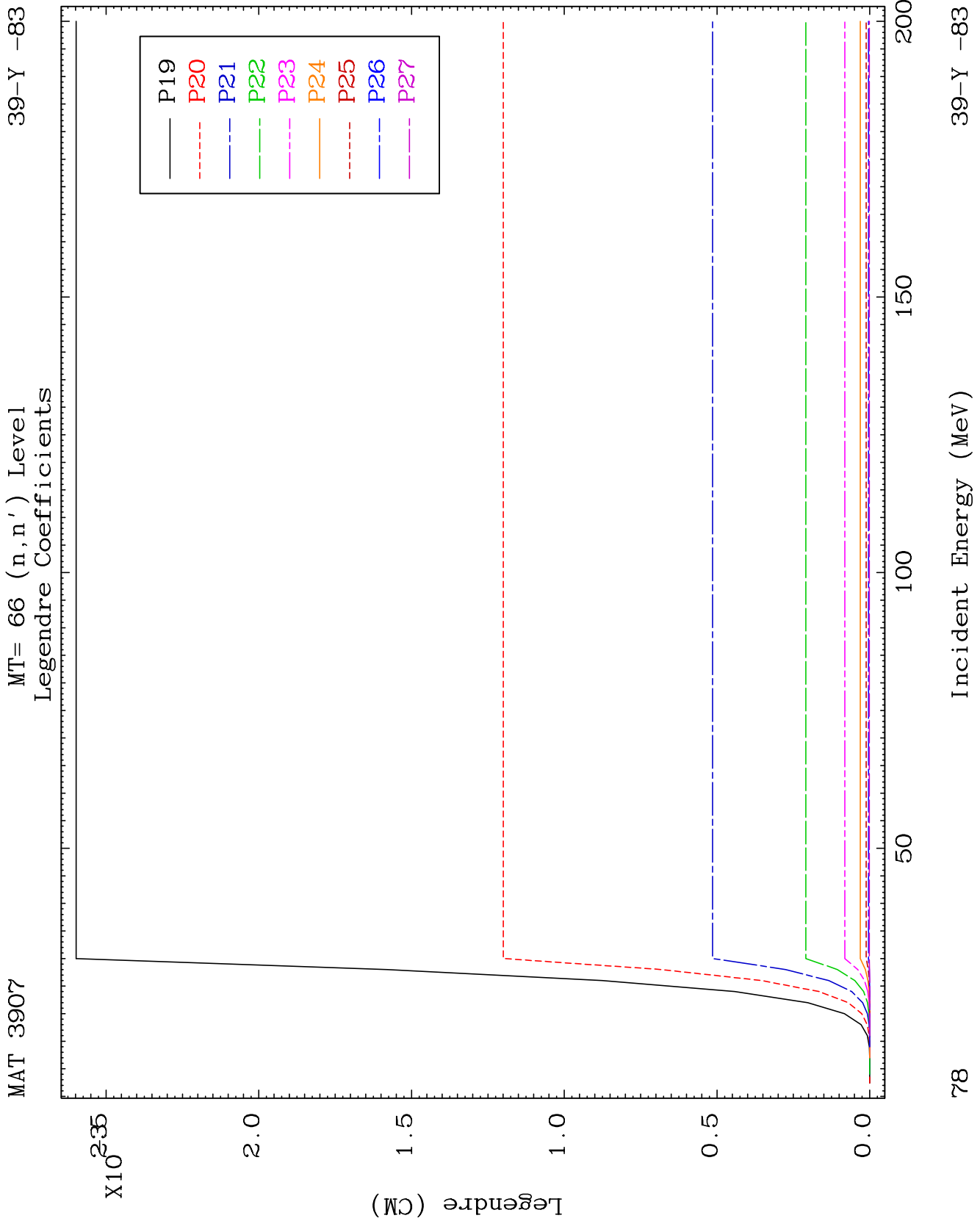


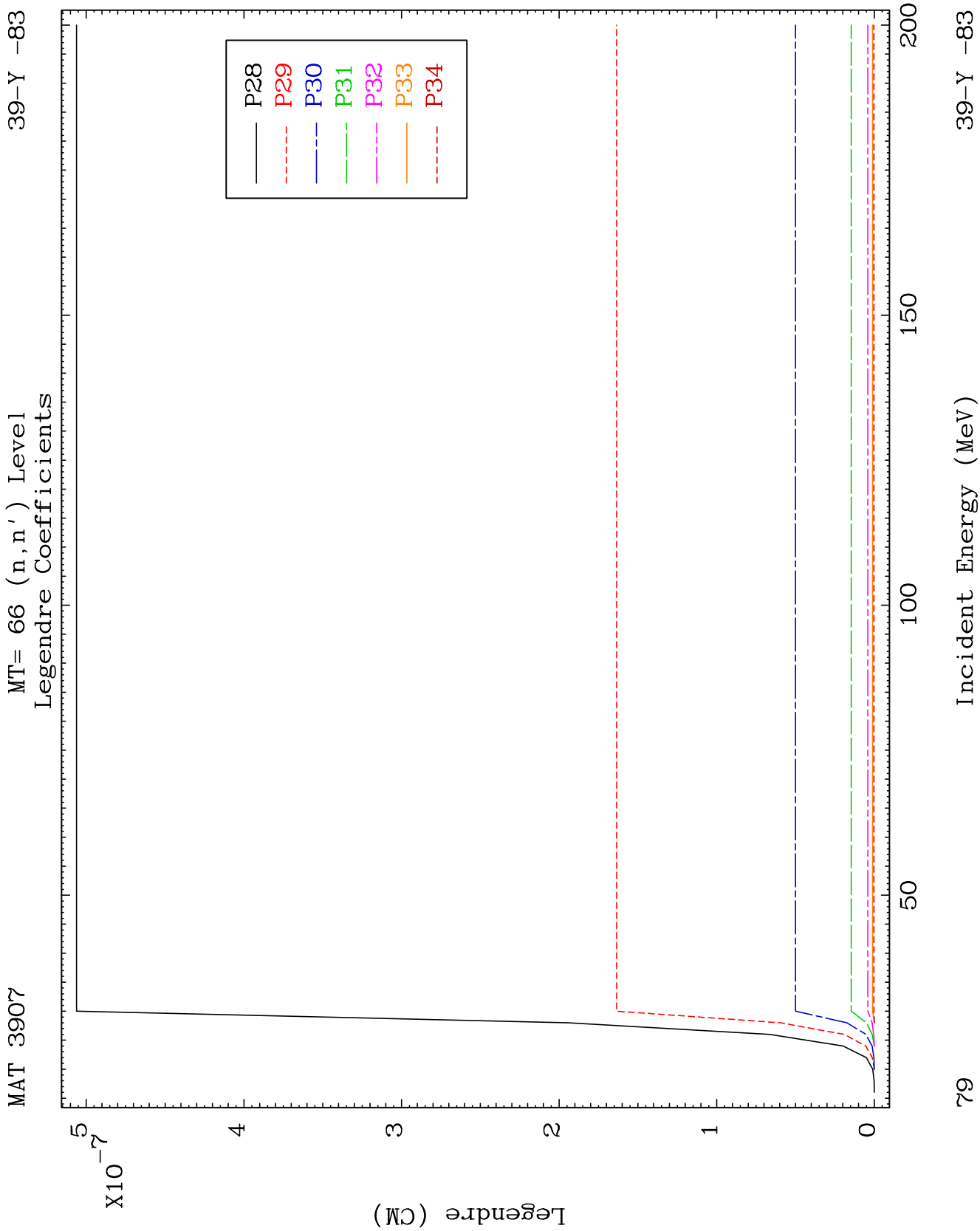








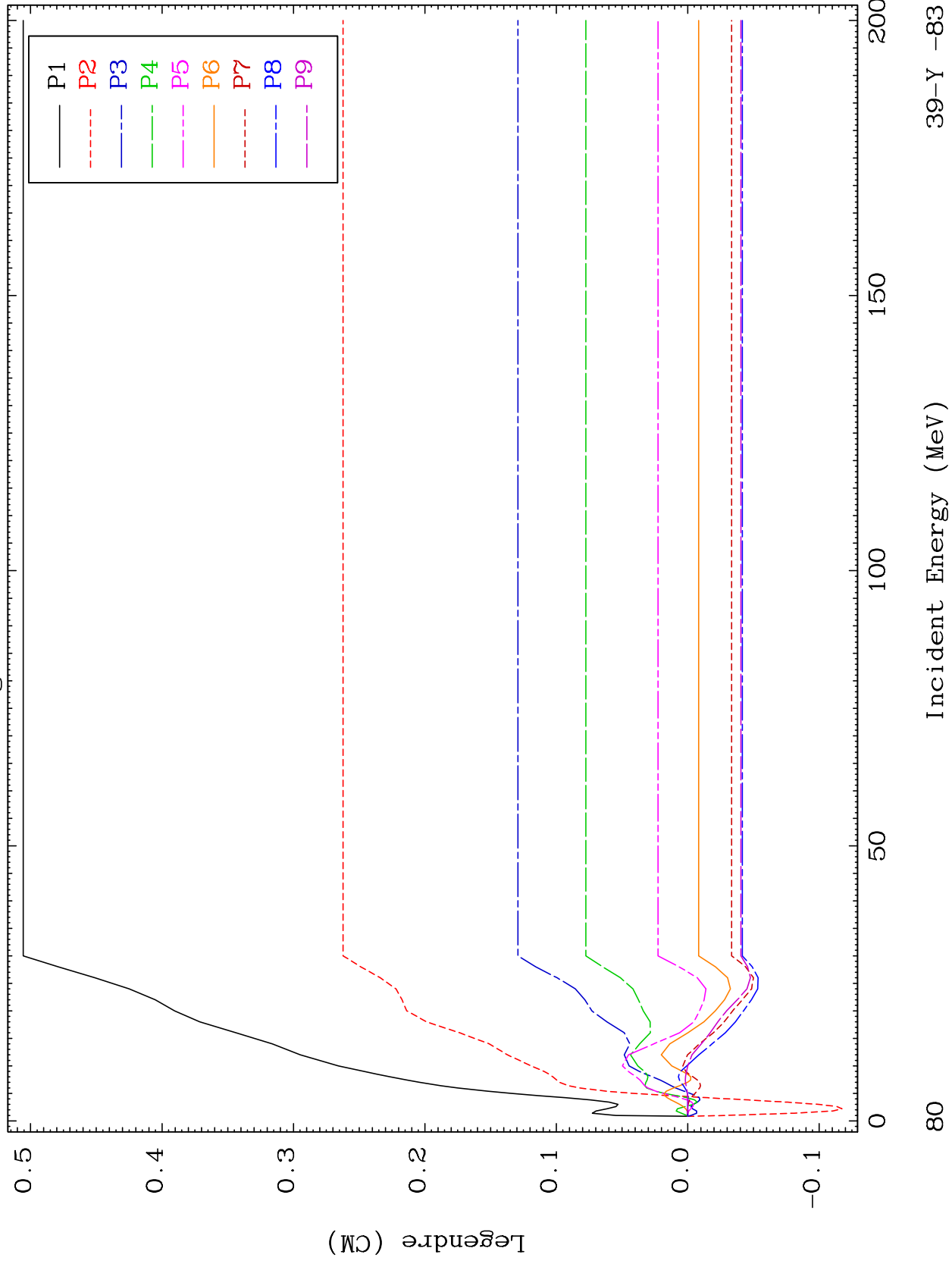


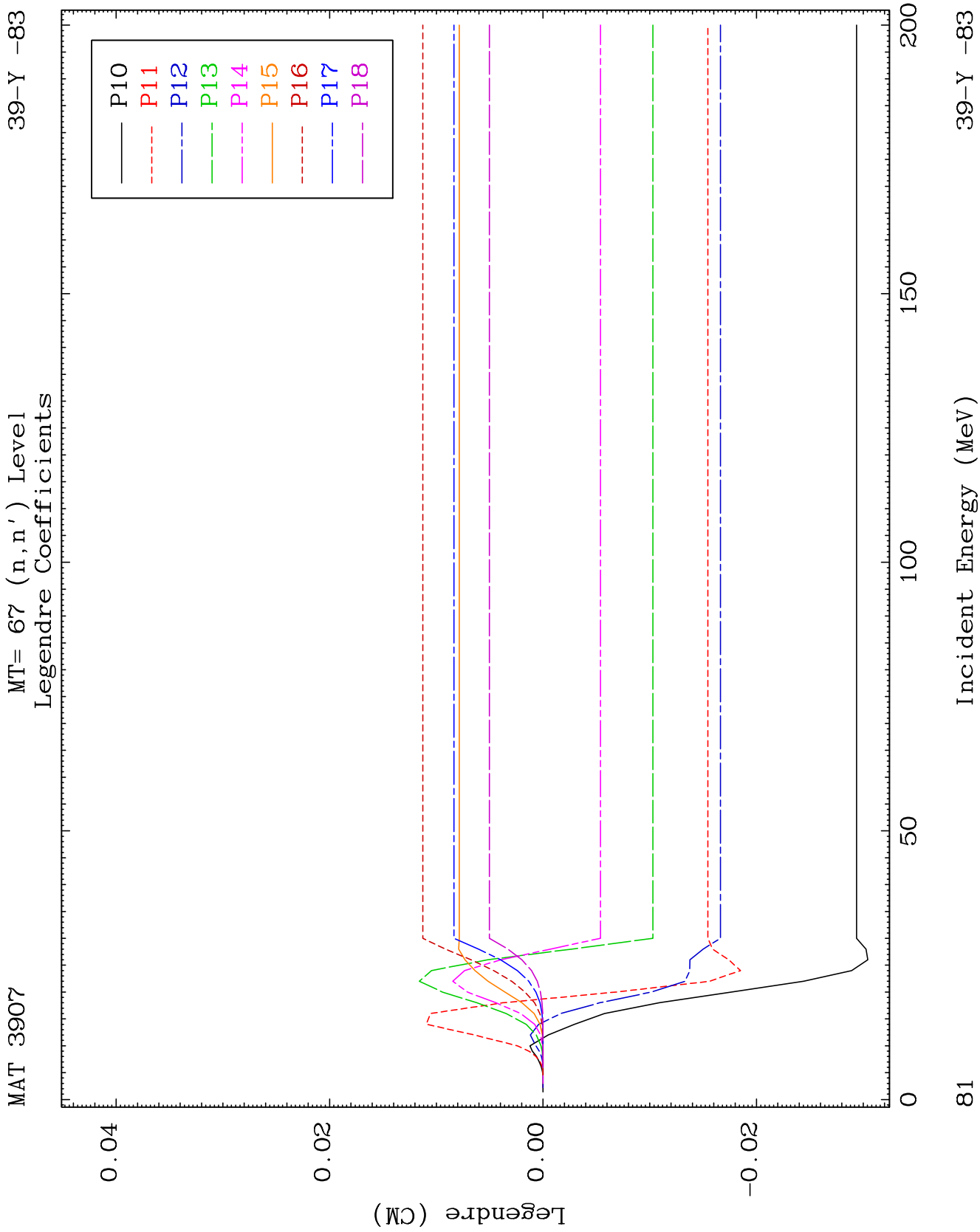


MAT 3907

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

39-Y-83

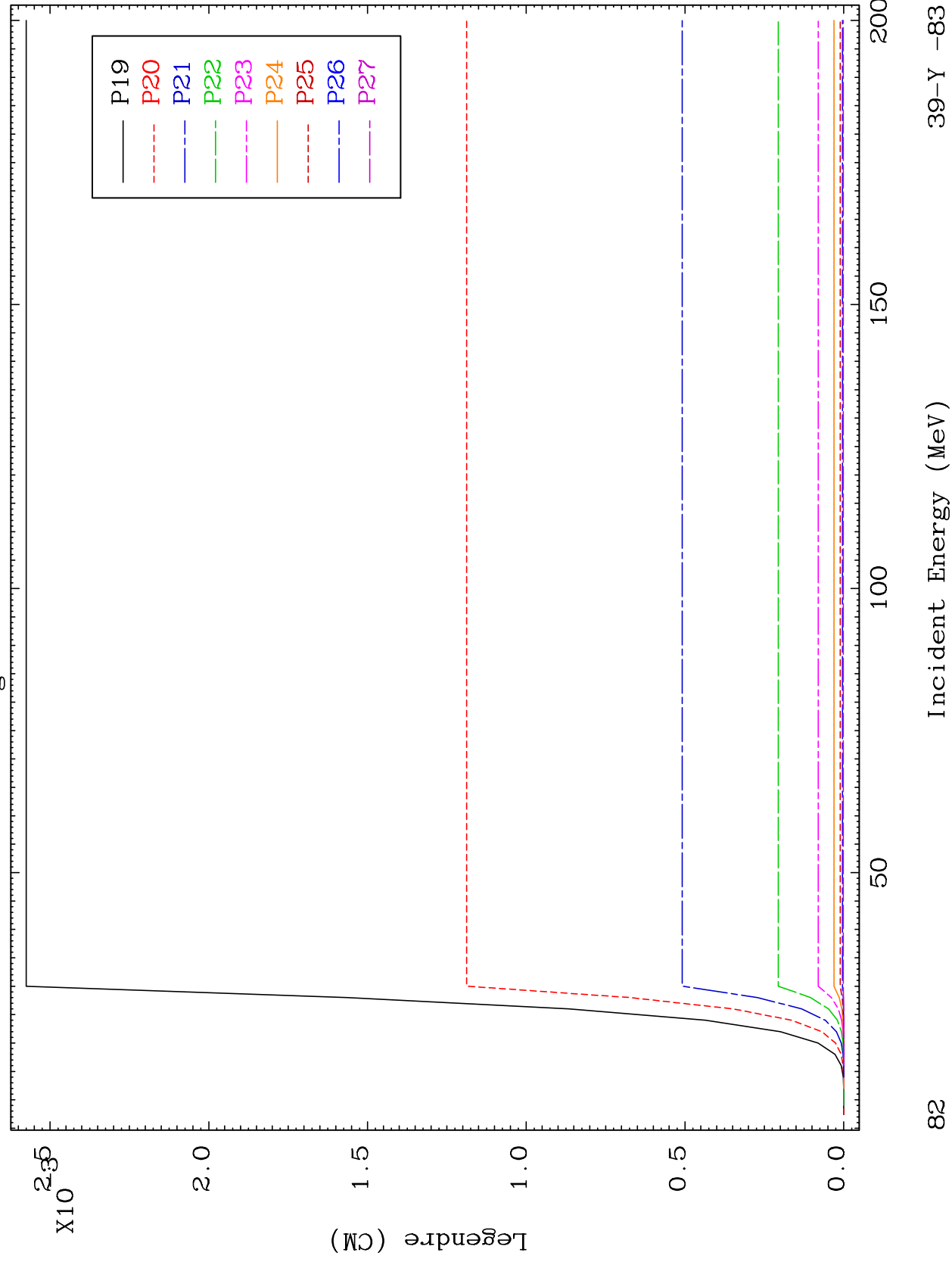


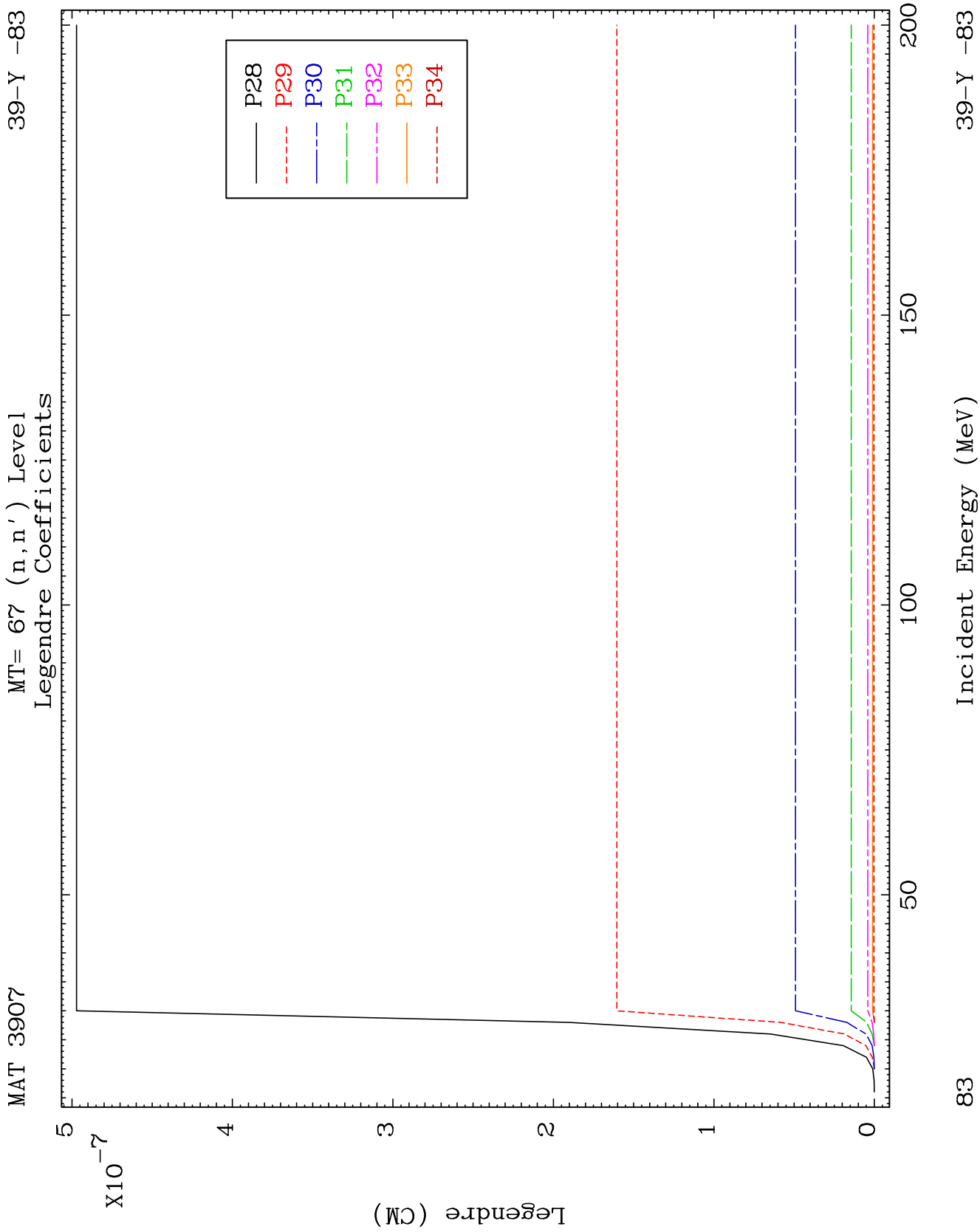


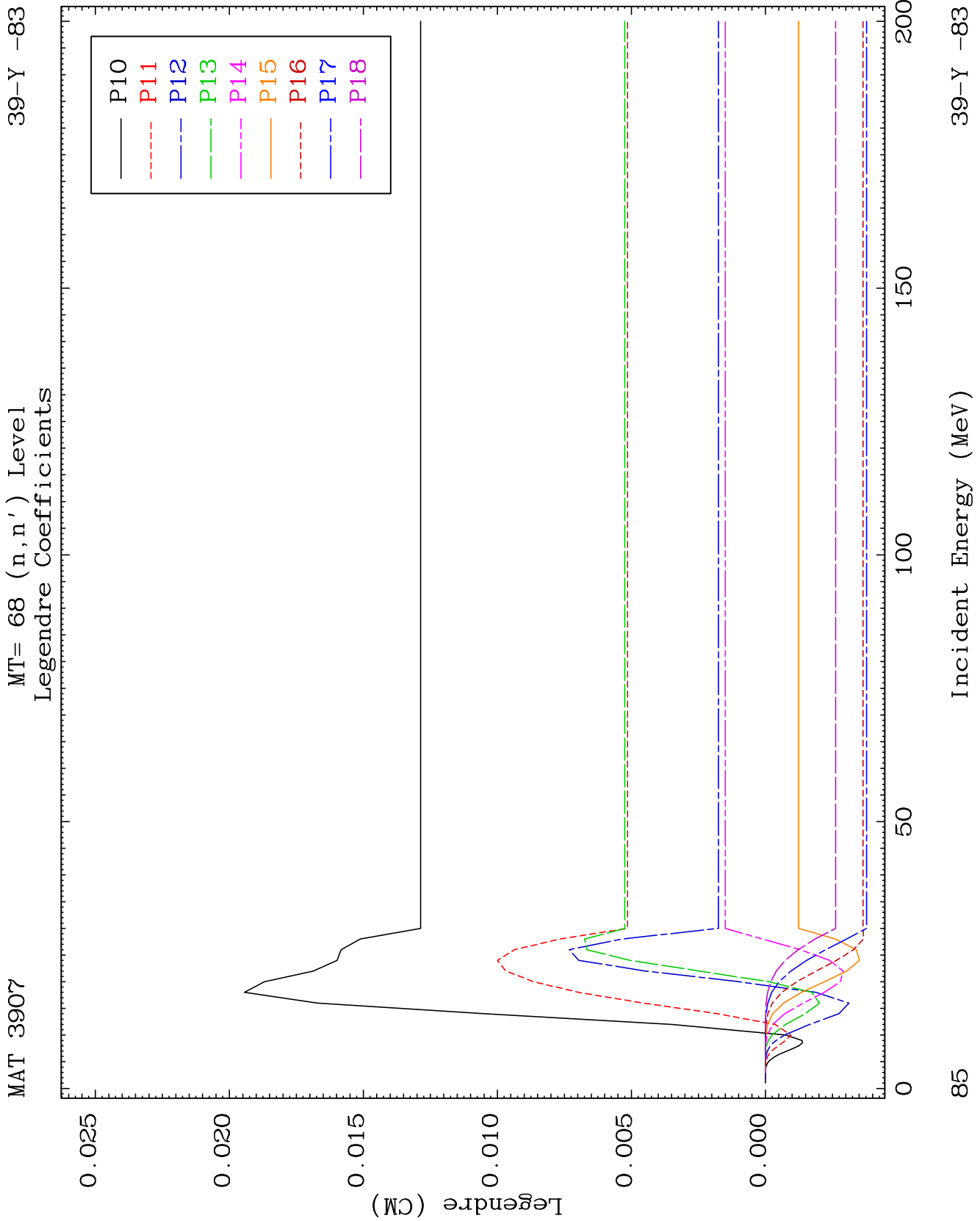
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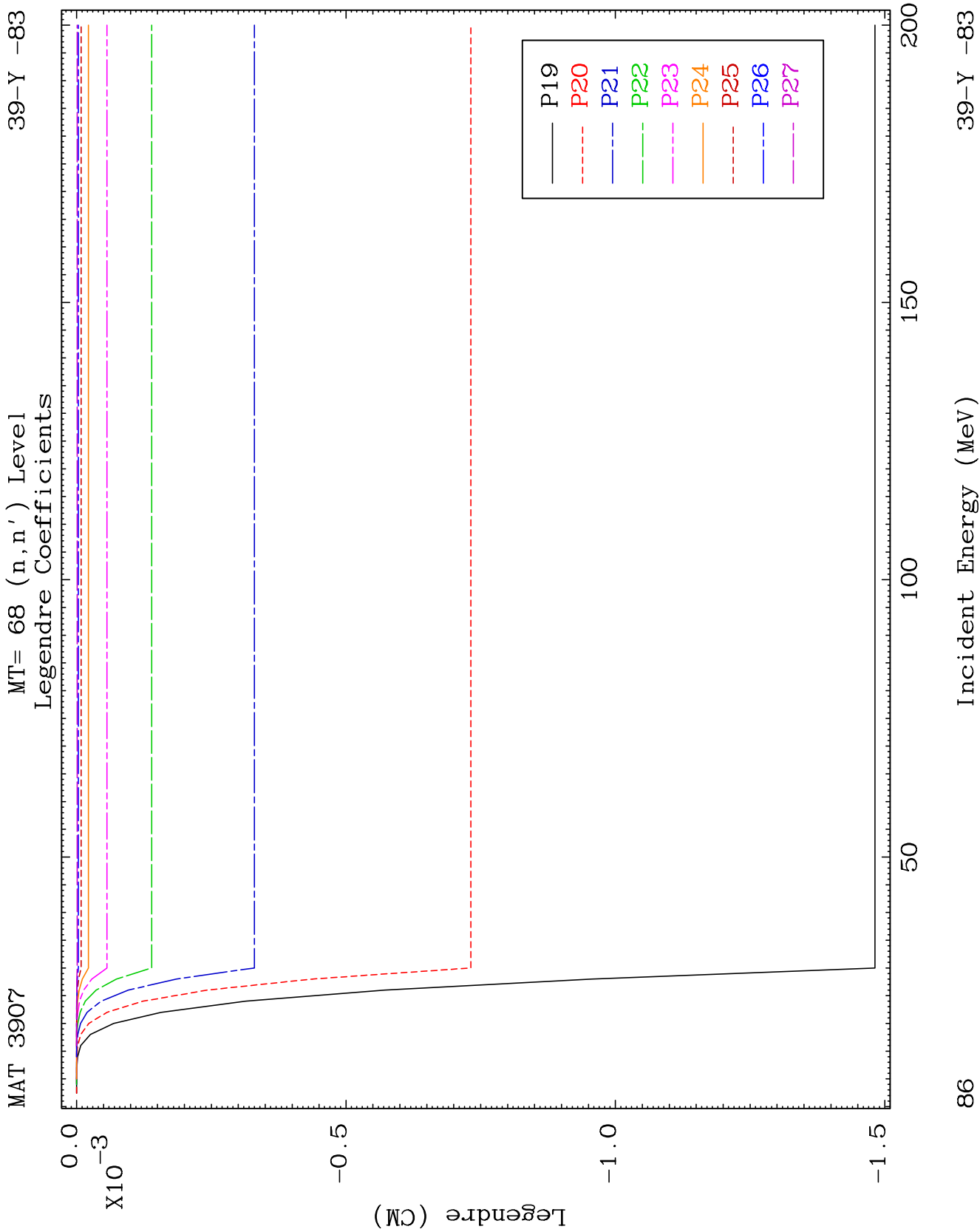
MT= 67 (n, n') Level
Legendre Coefficients

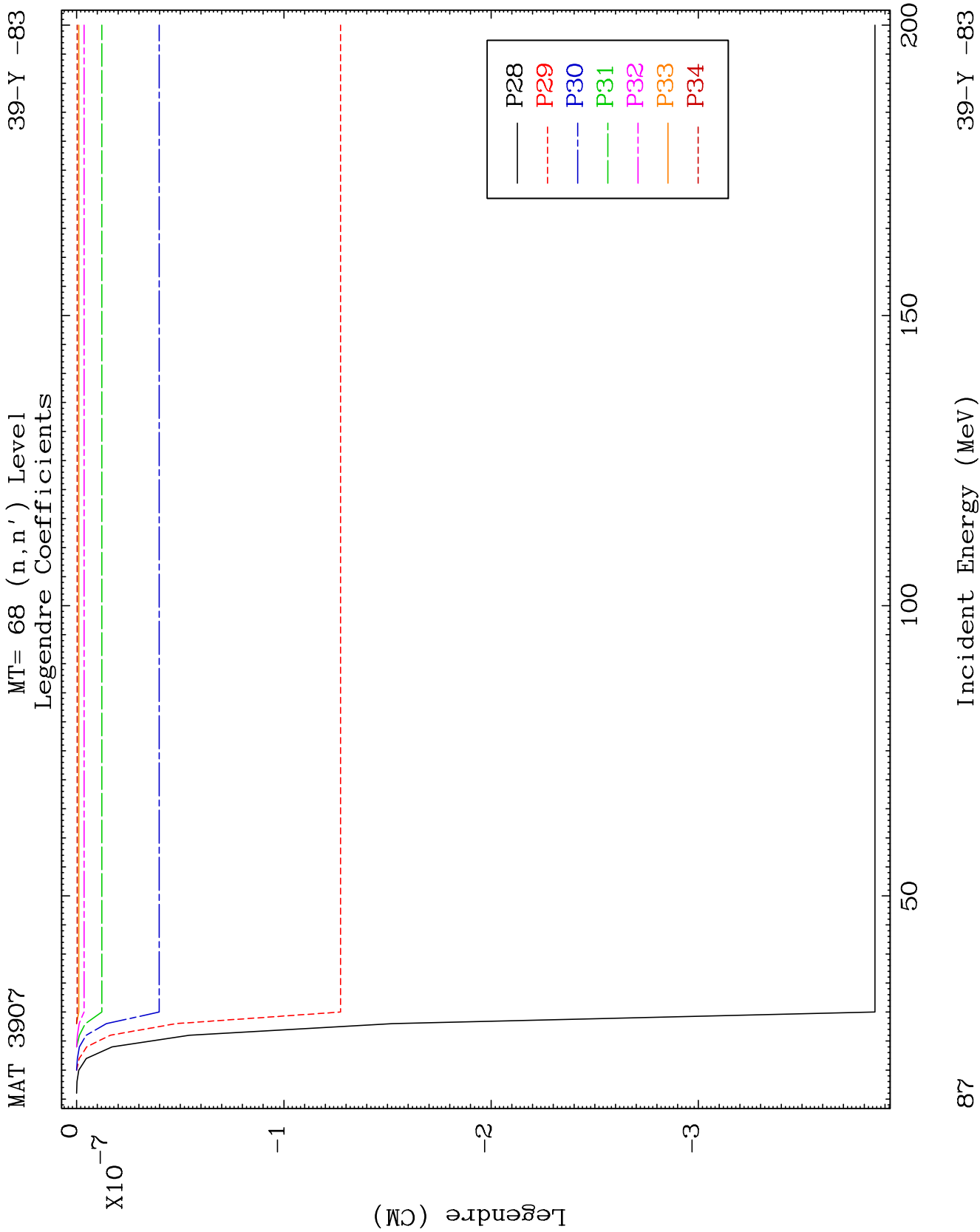
39-Y -83

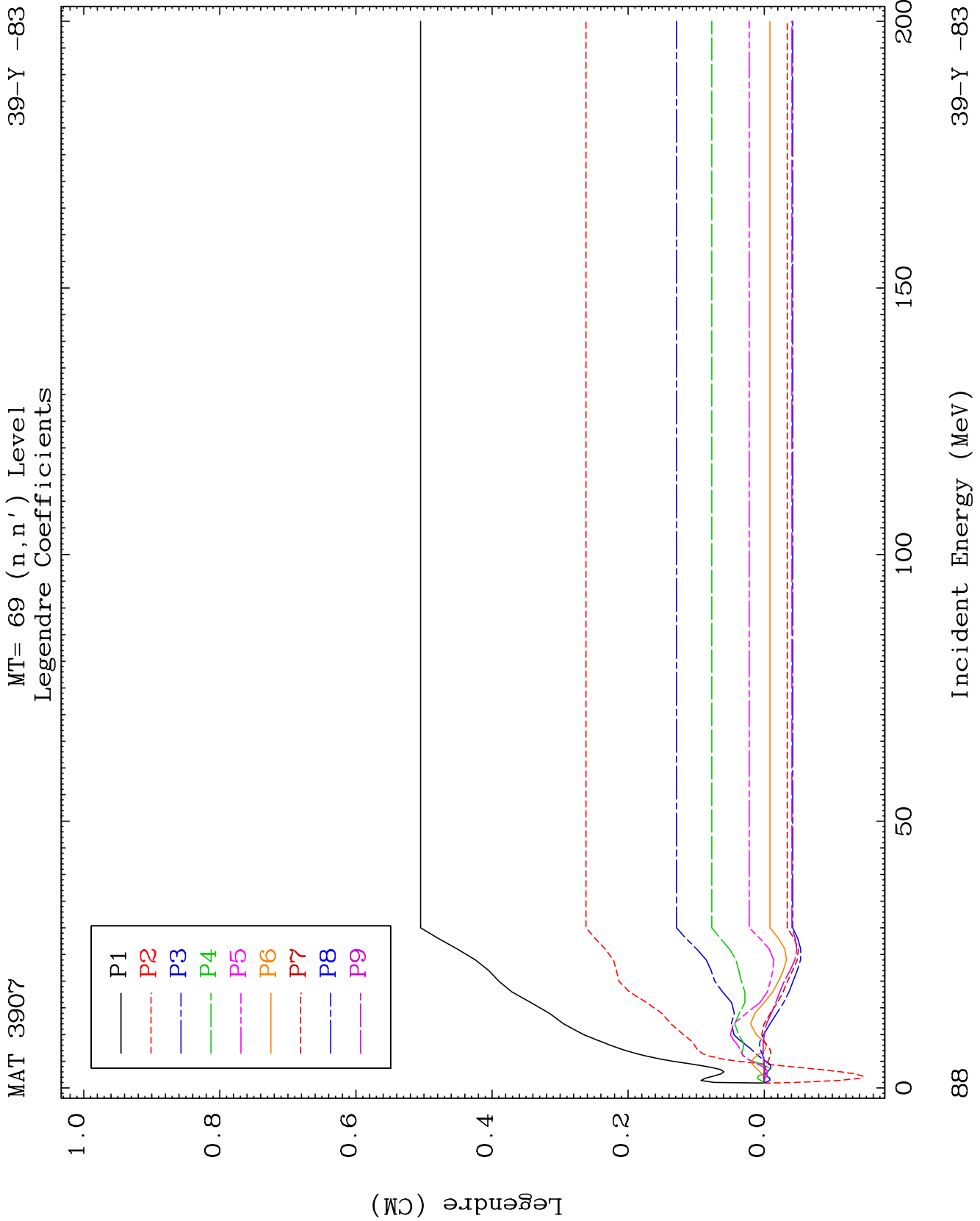


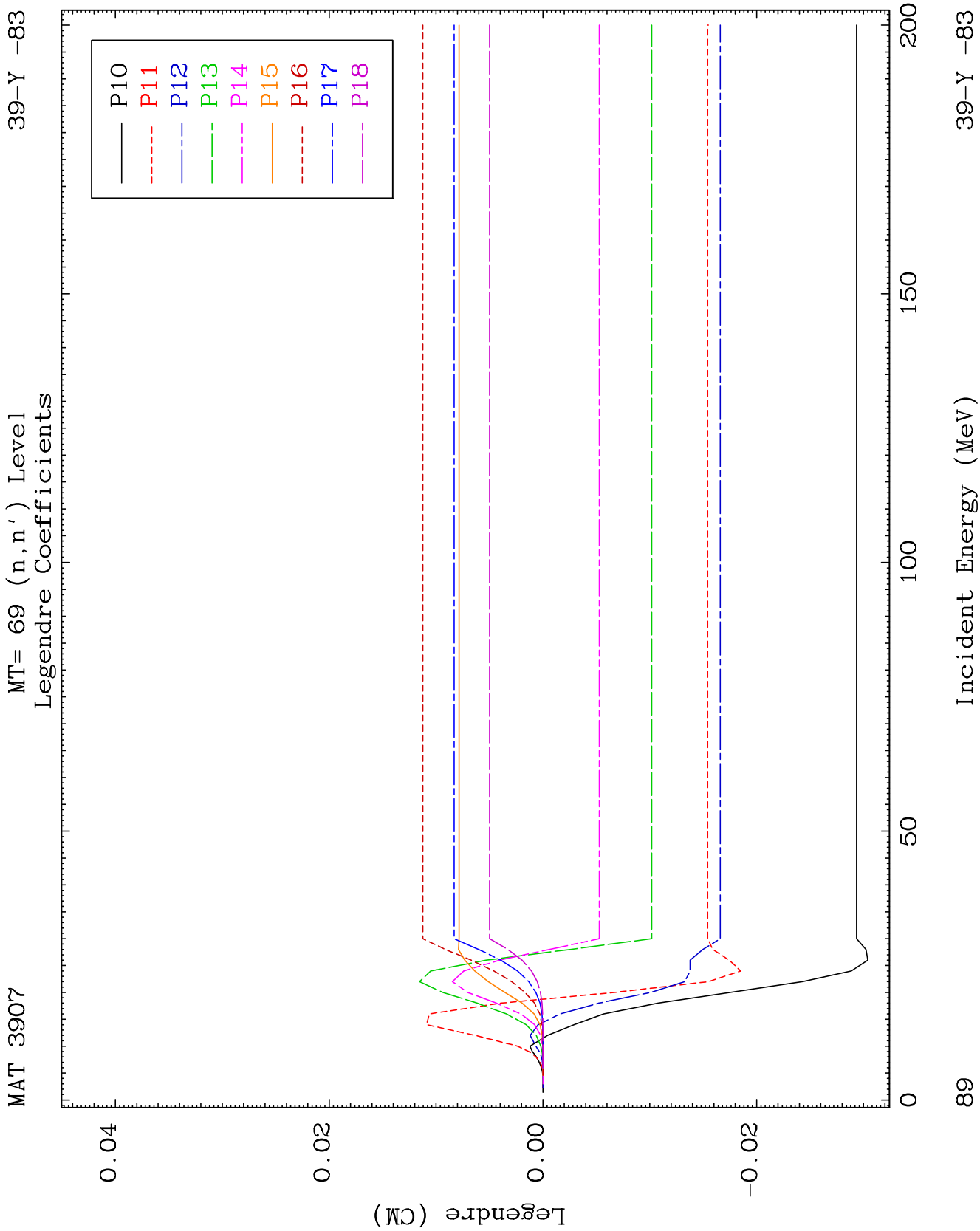


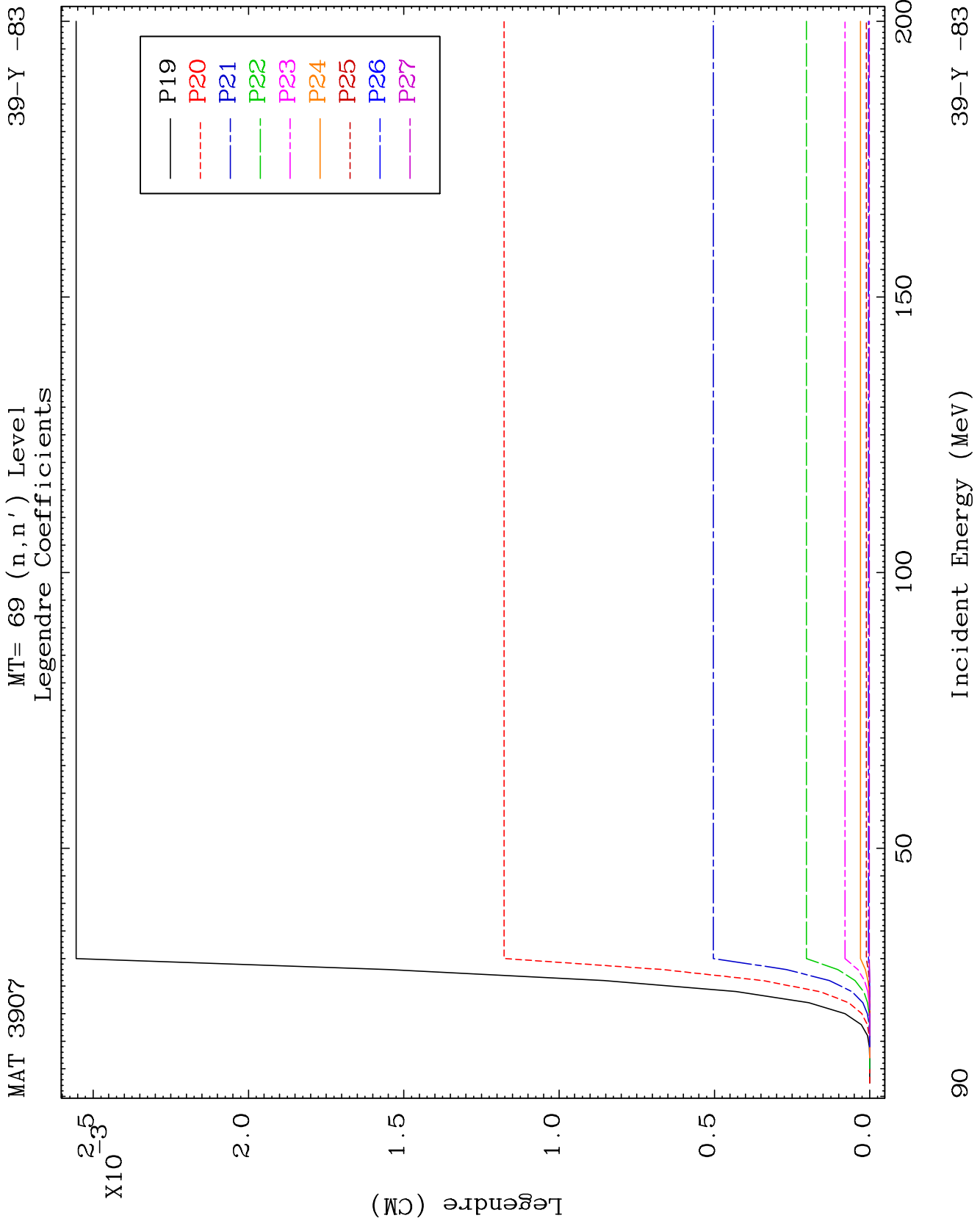


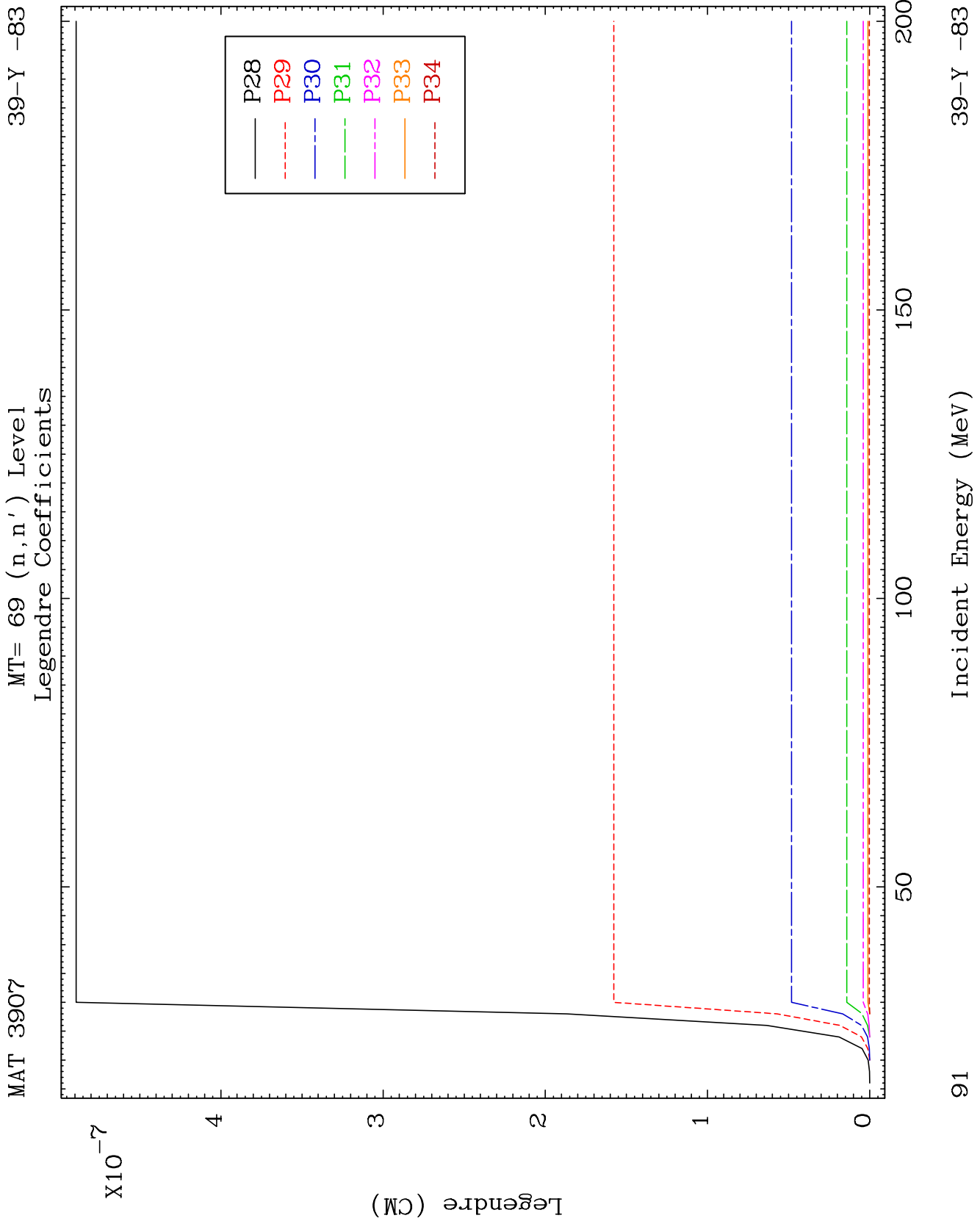








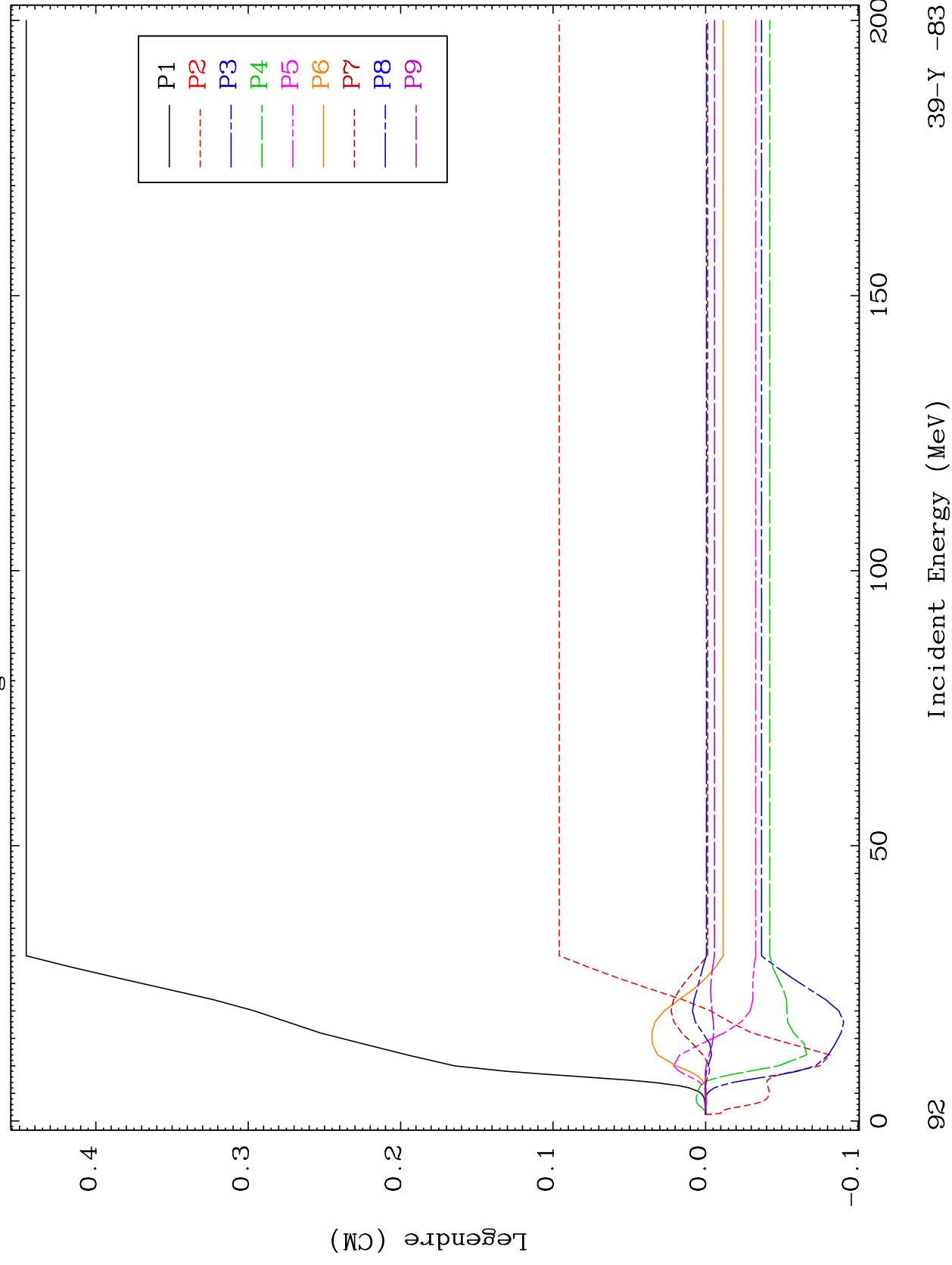


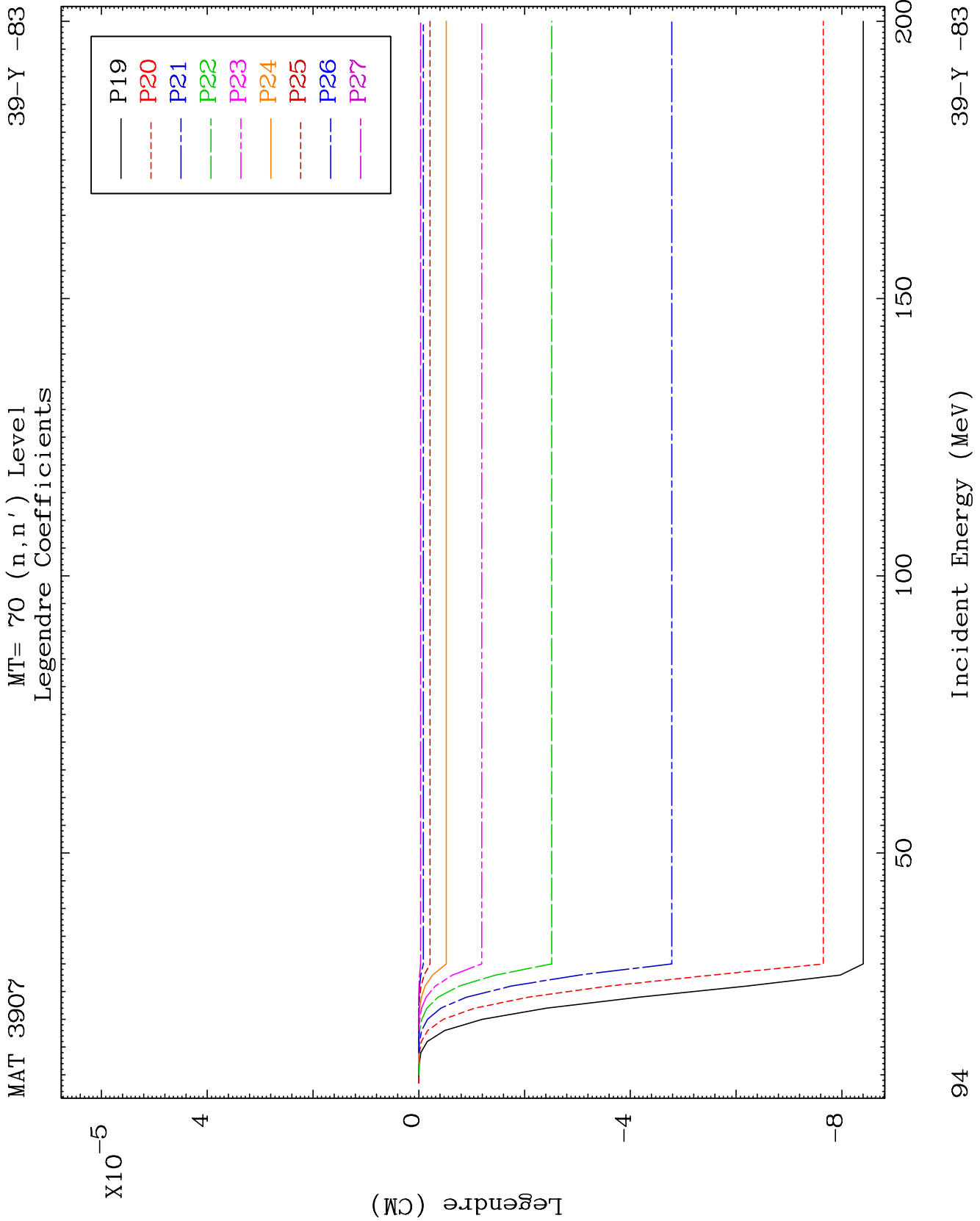


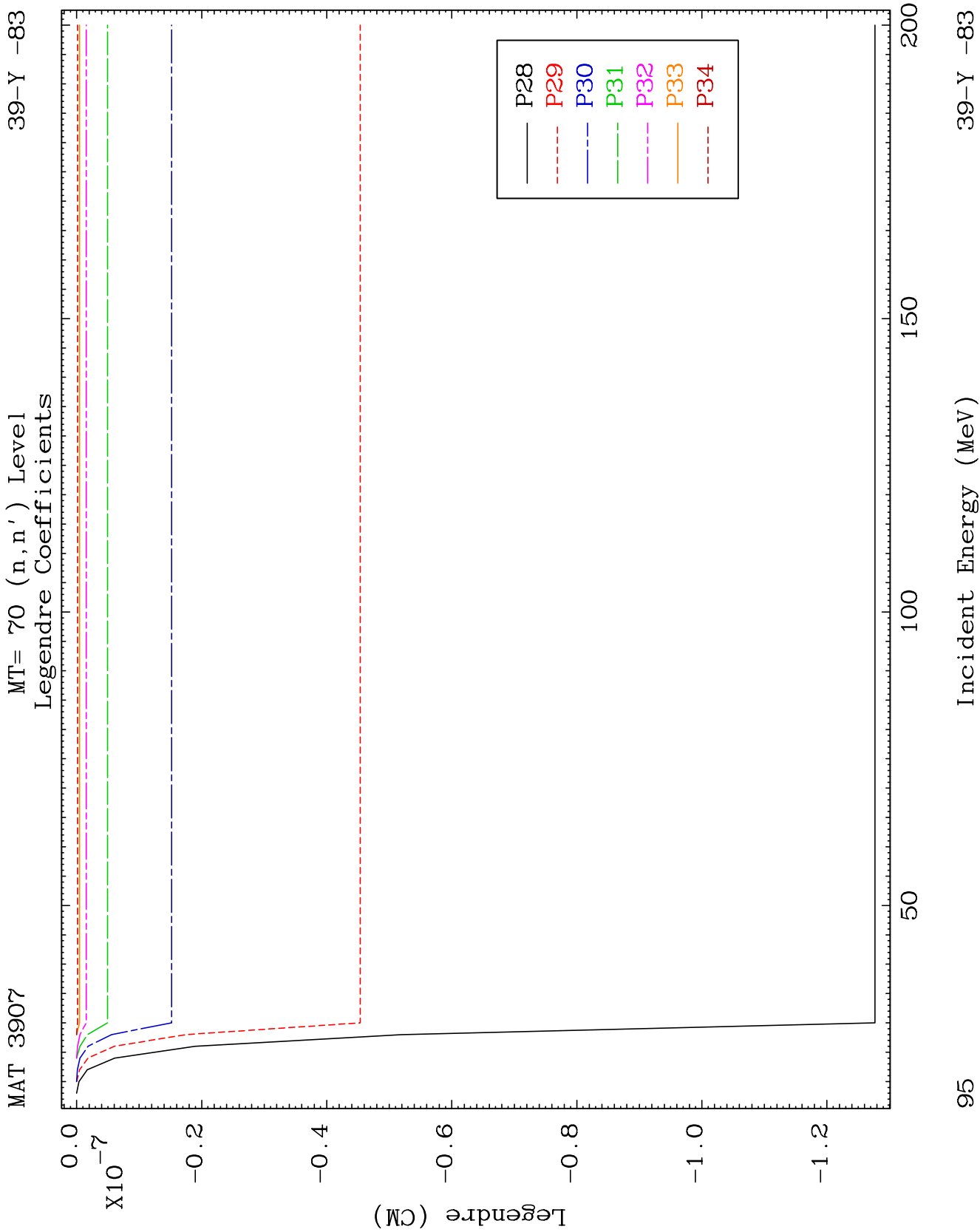
MAT 3907

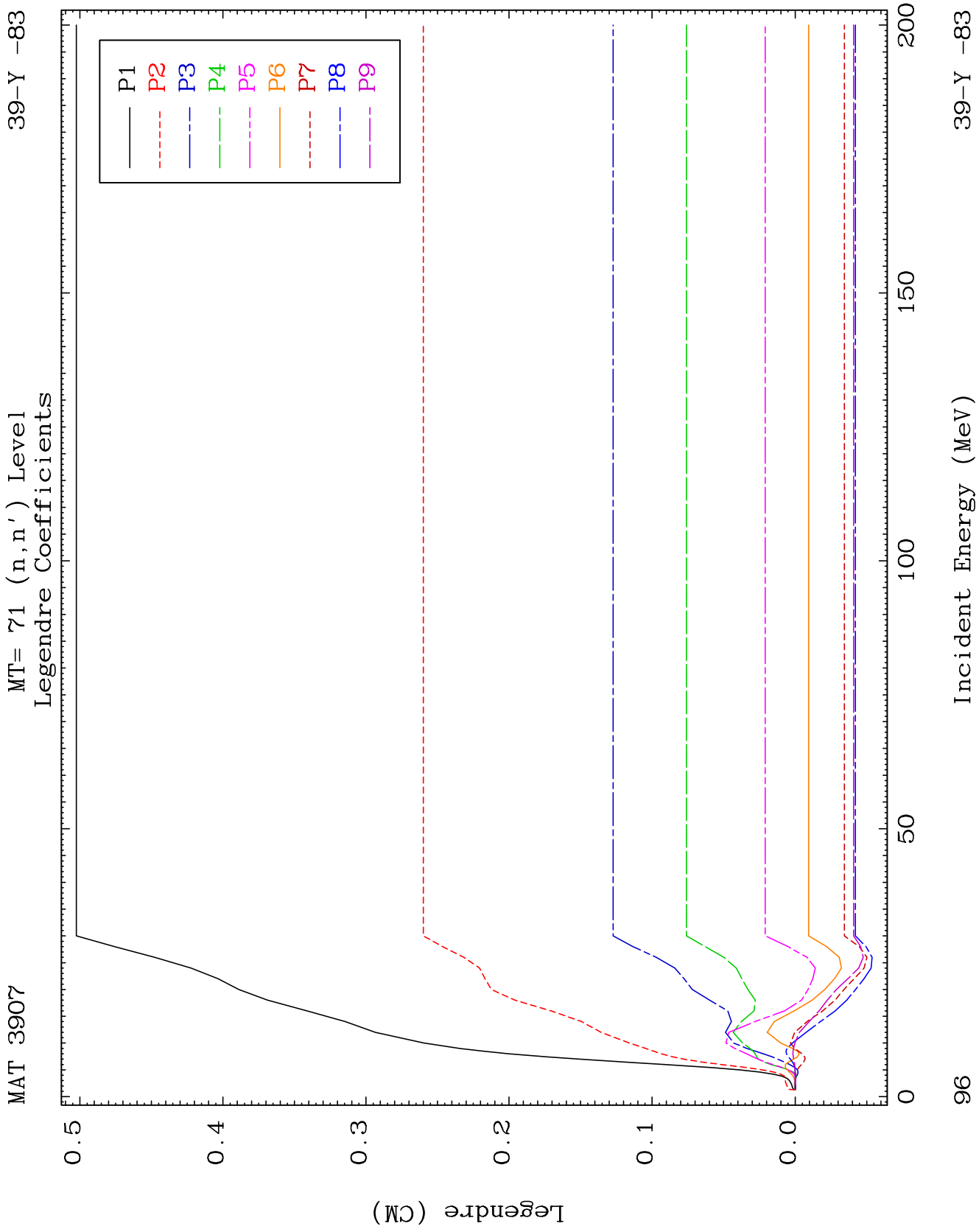
MT= 70 (n, n') Level
Legendre Coefficients

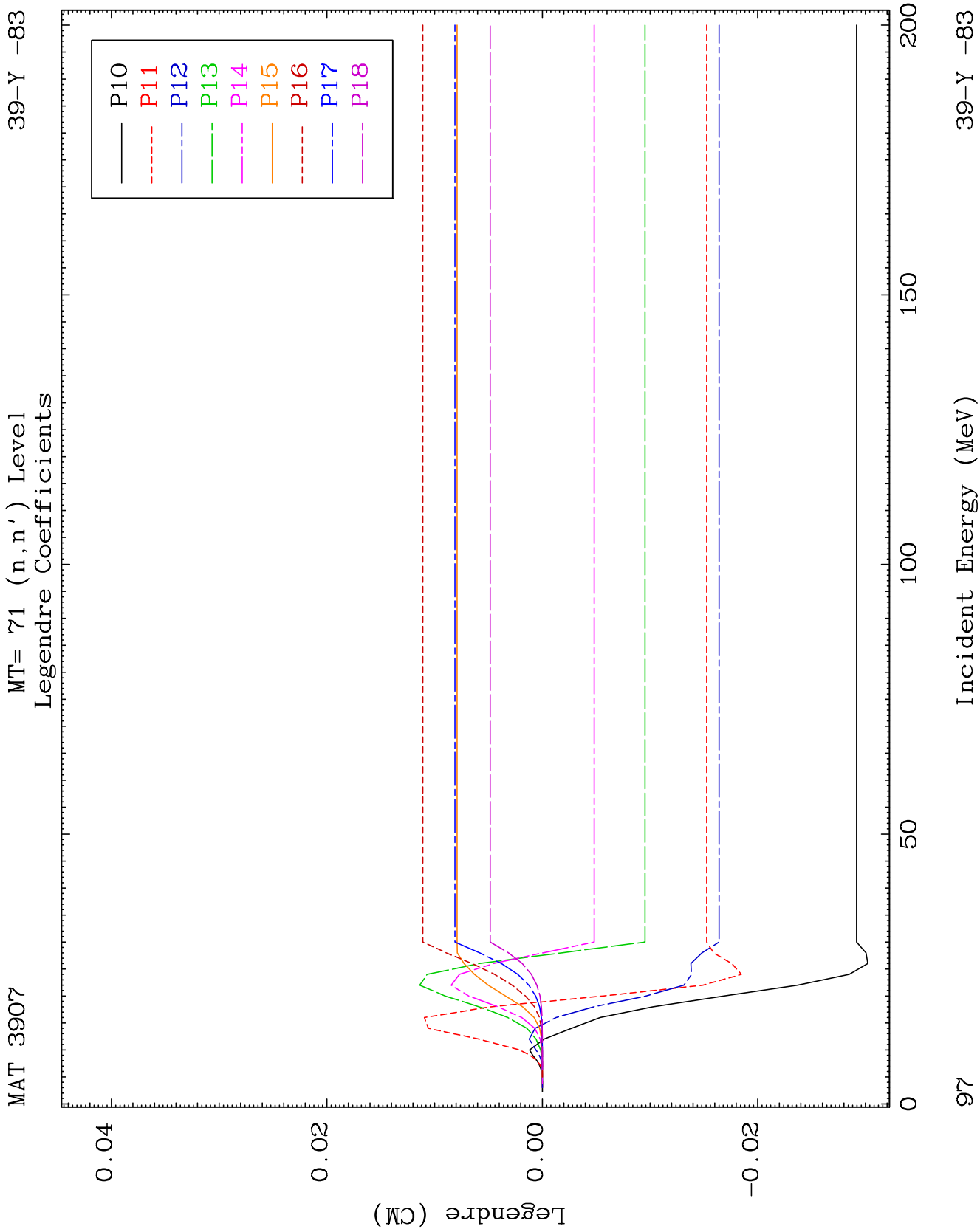
39-Y -83

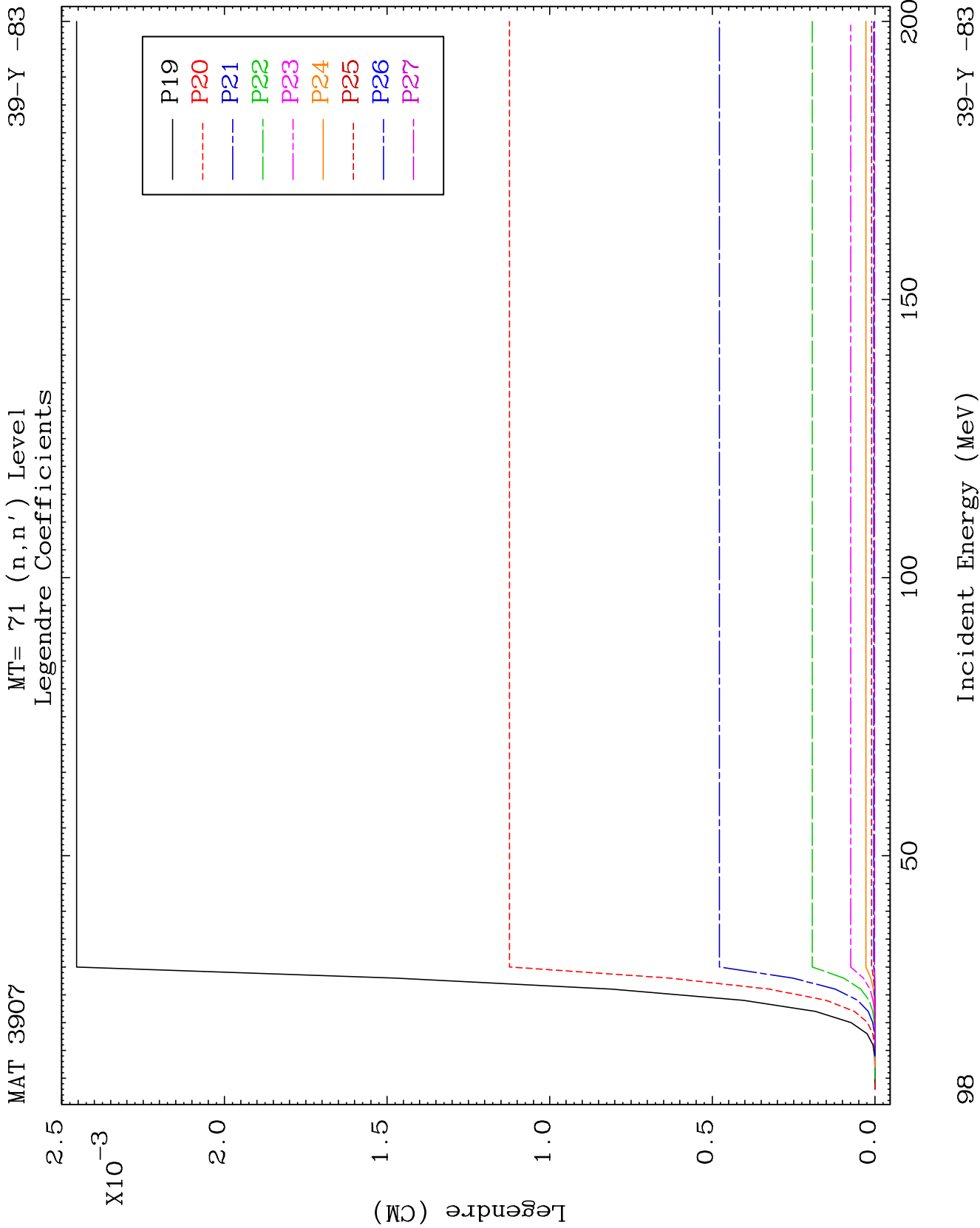


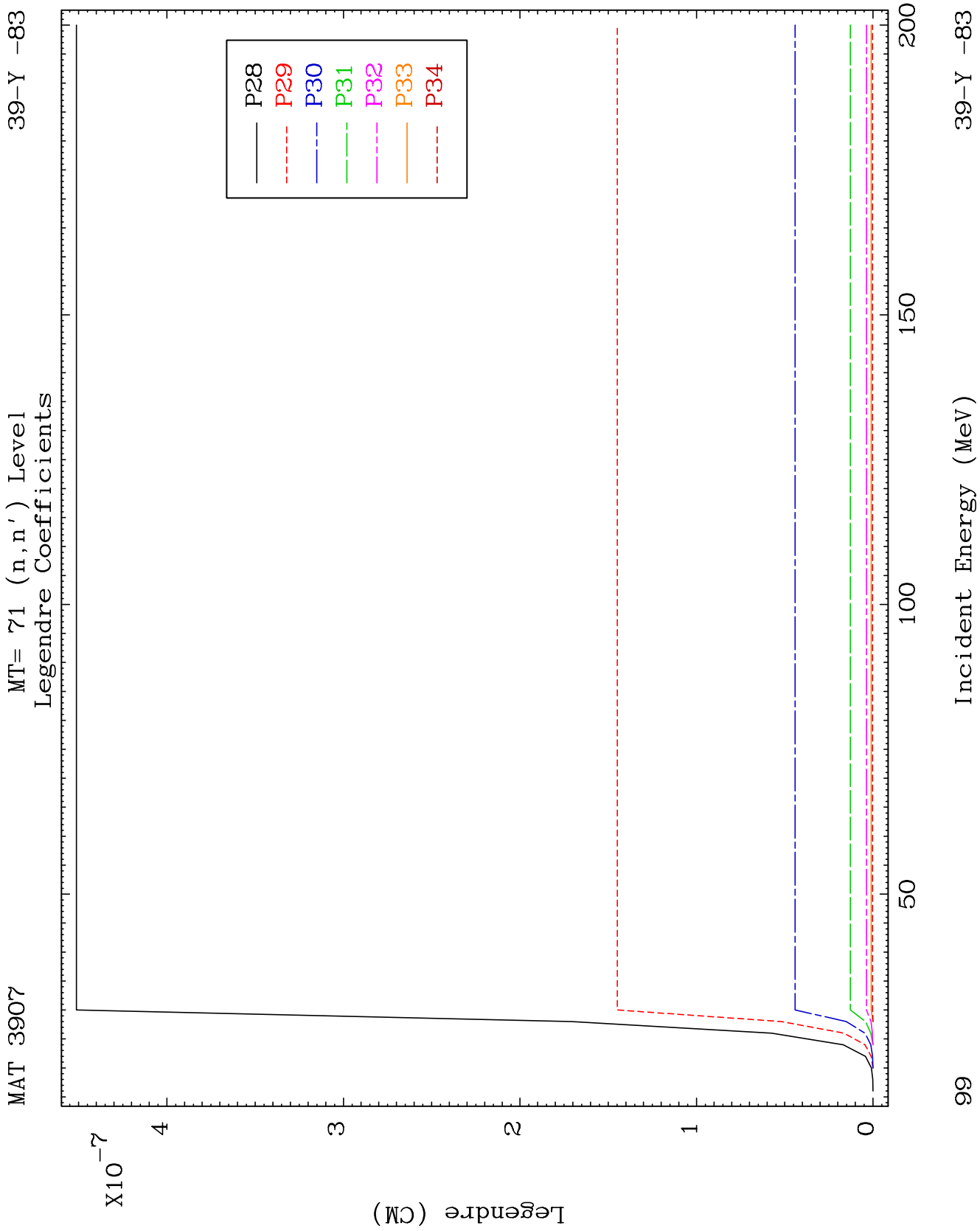








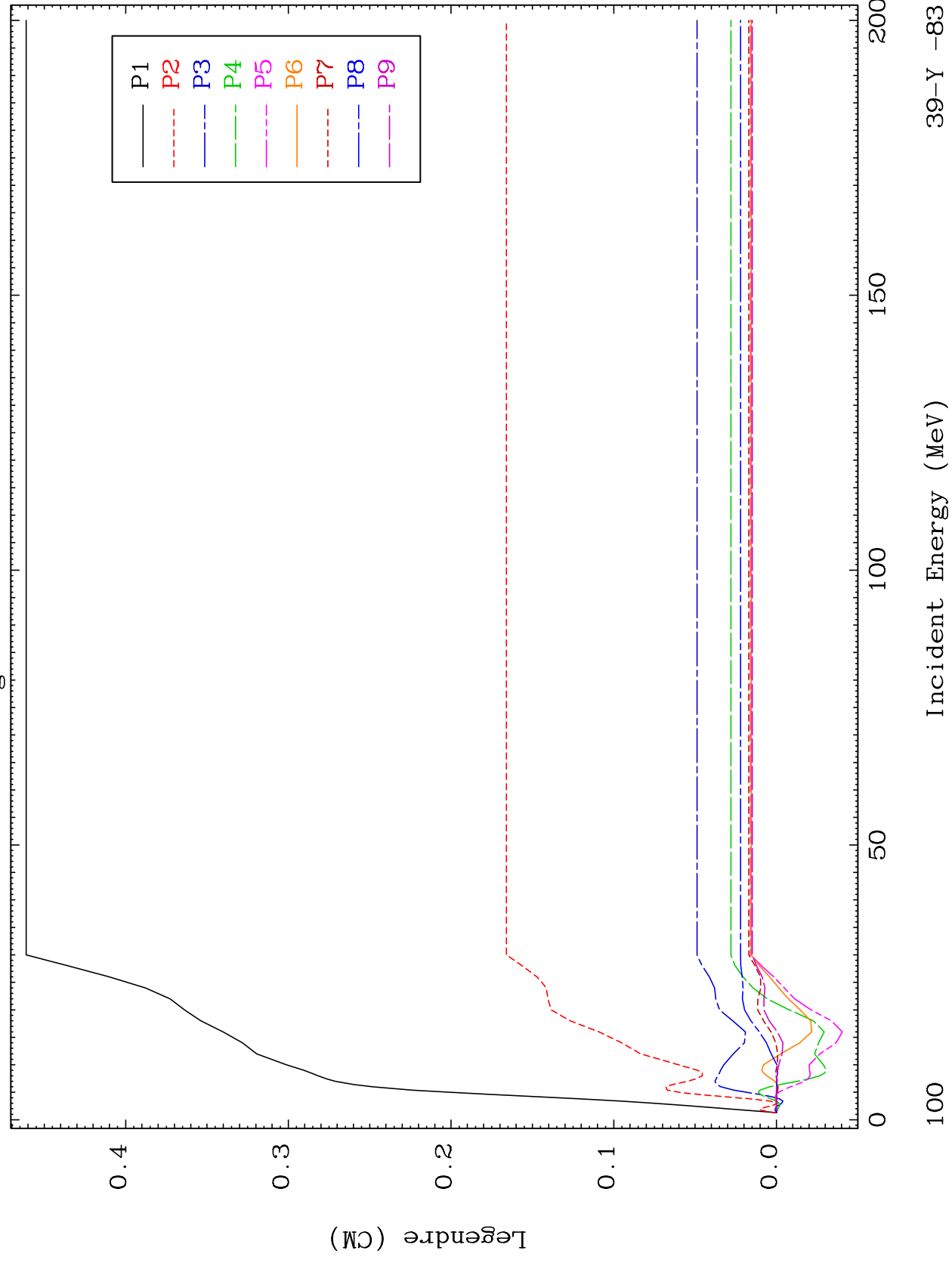


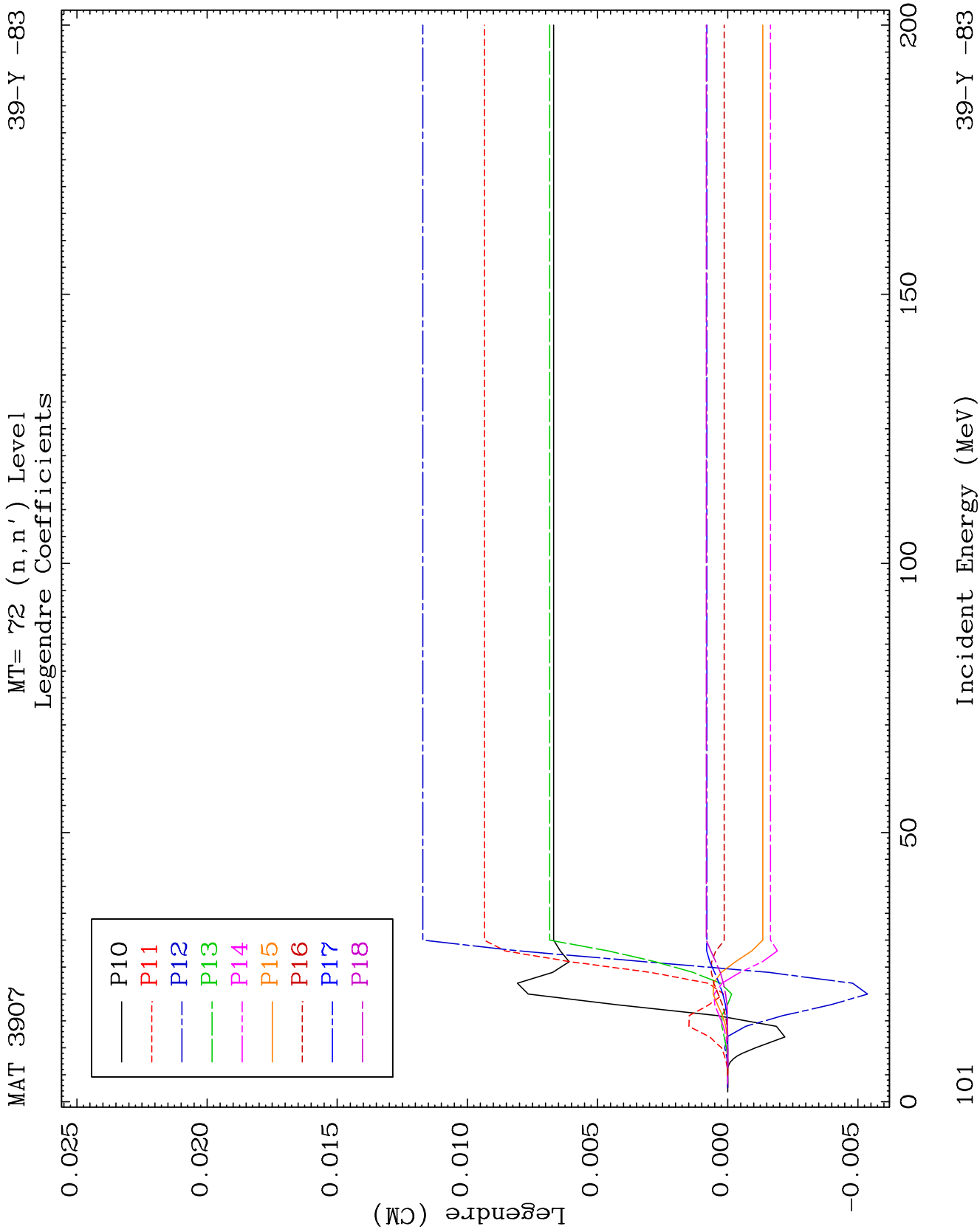


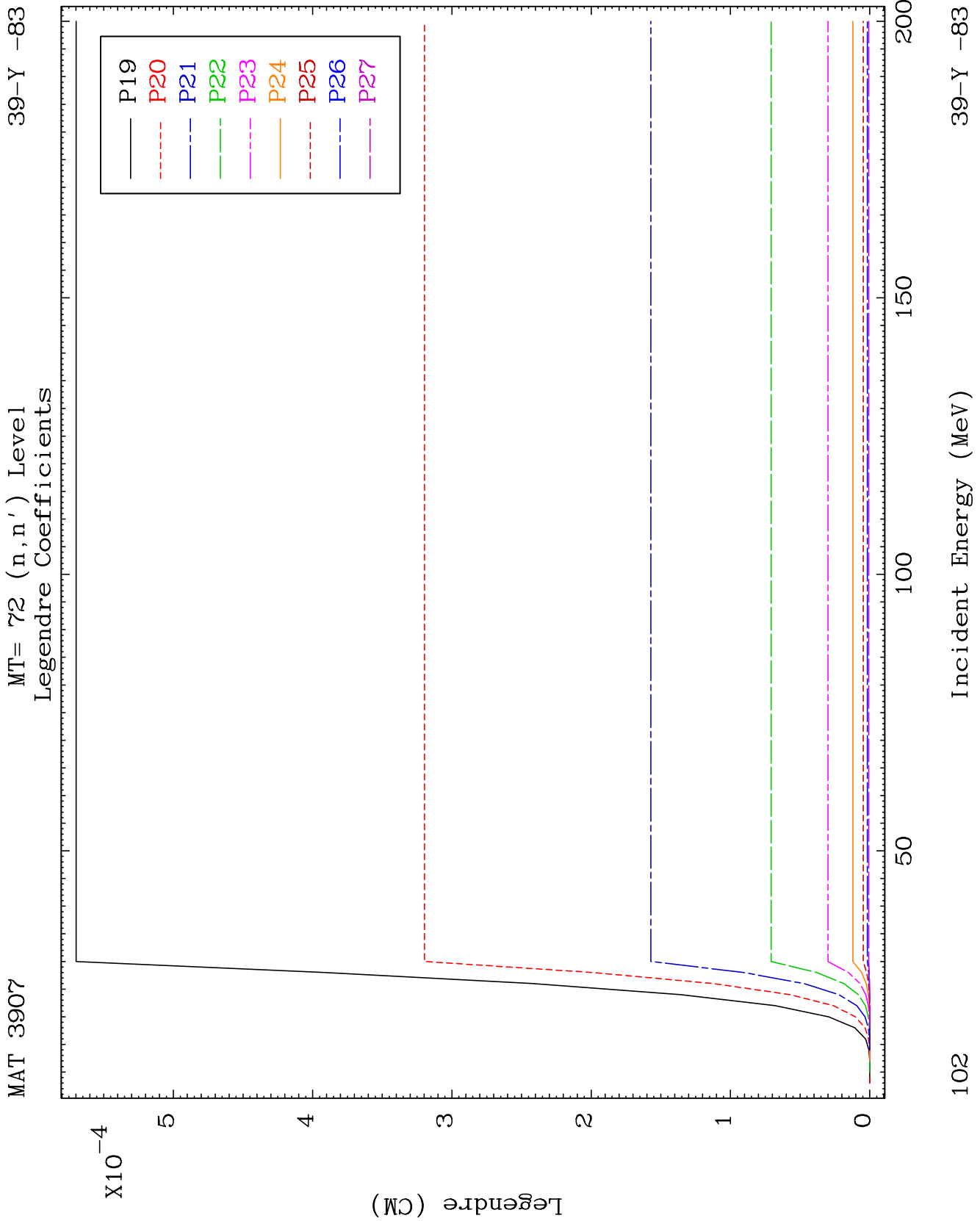
MAT 3907

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

39-Y-83



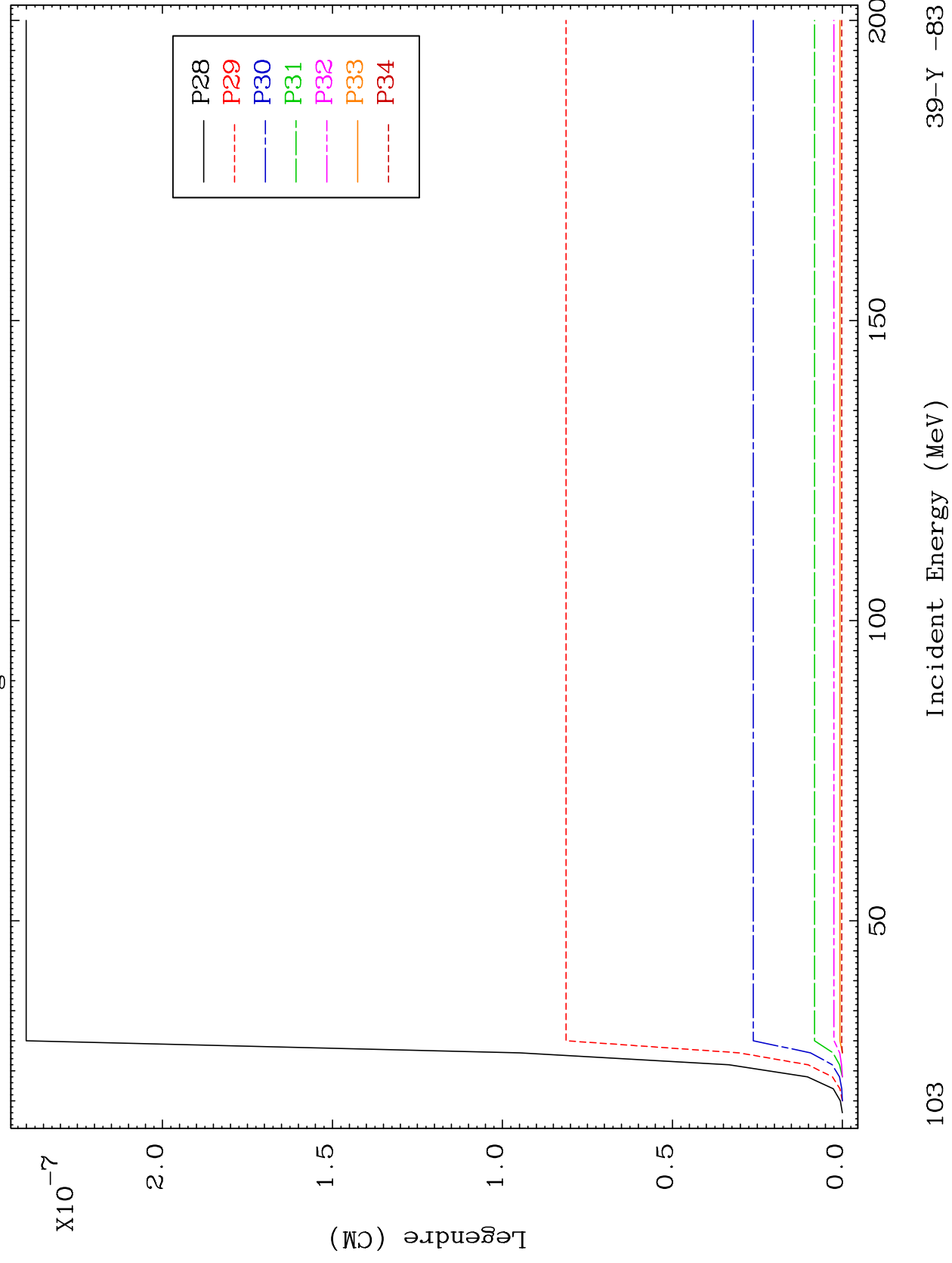




MAT 3907

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

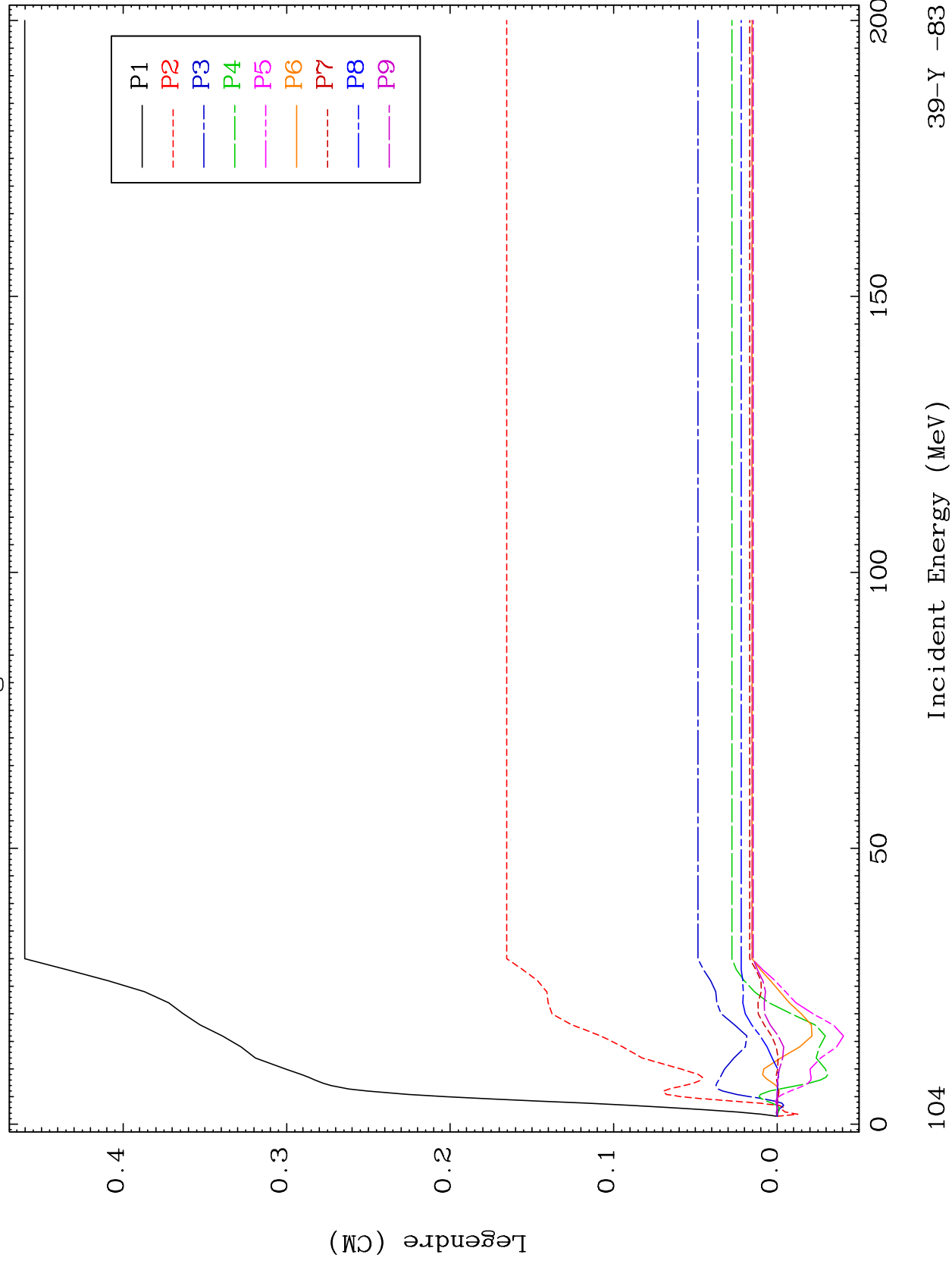
39-Y -83

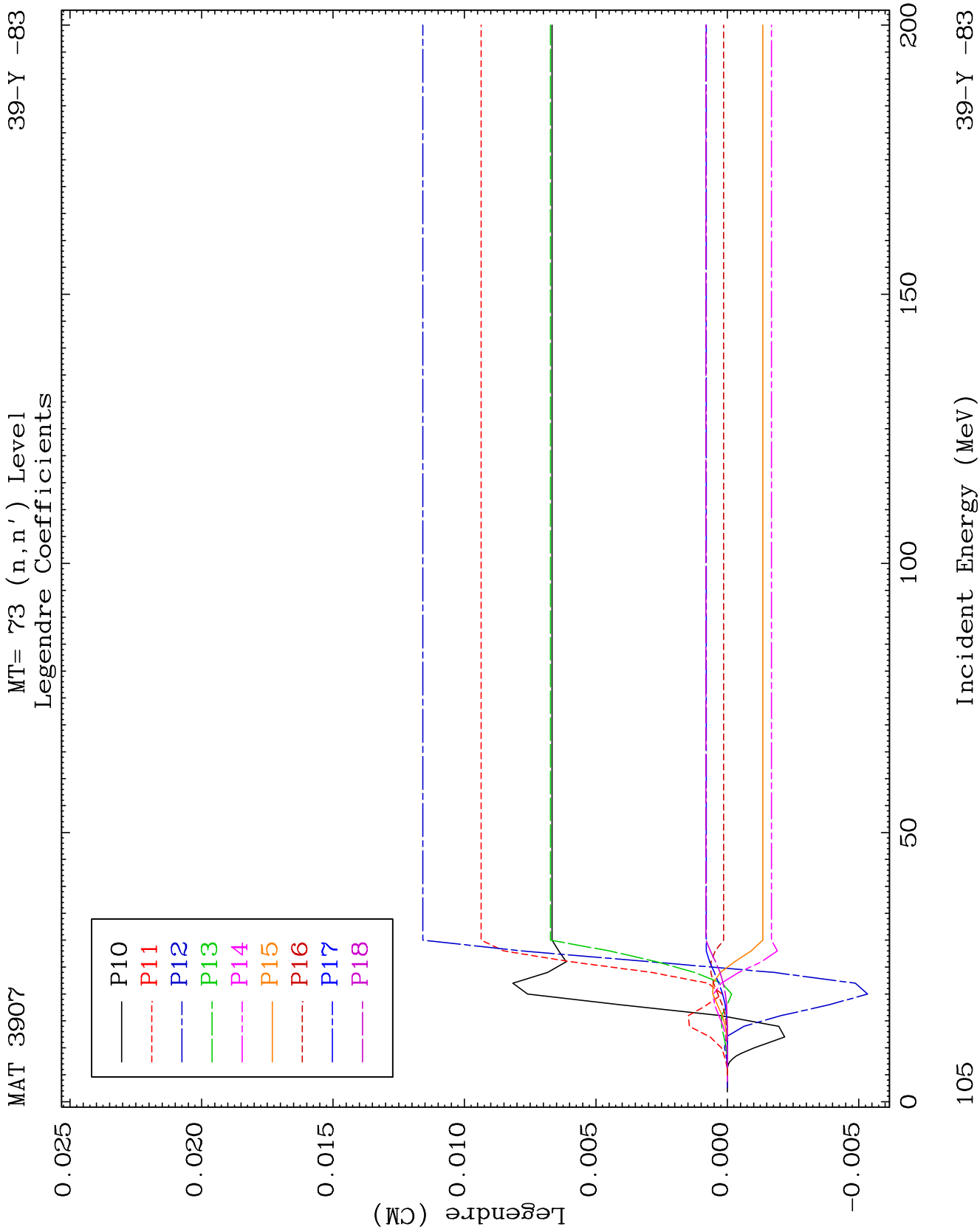


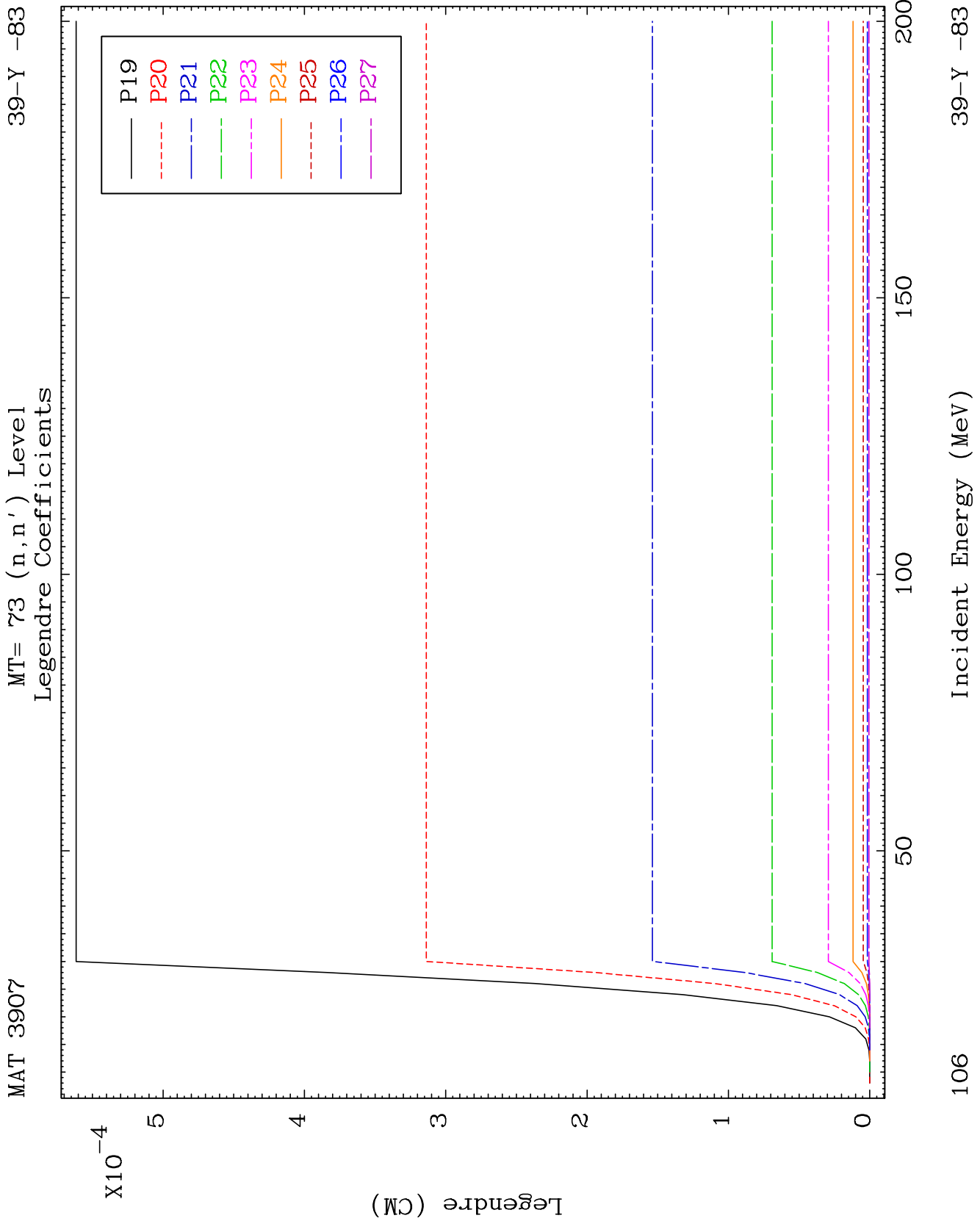
MAT 3907

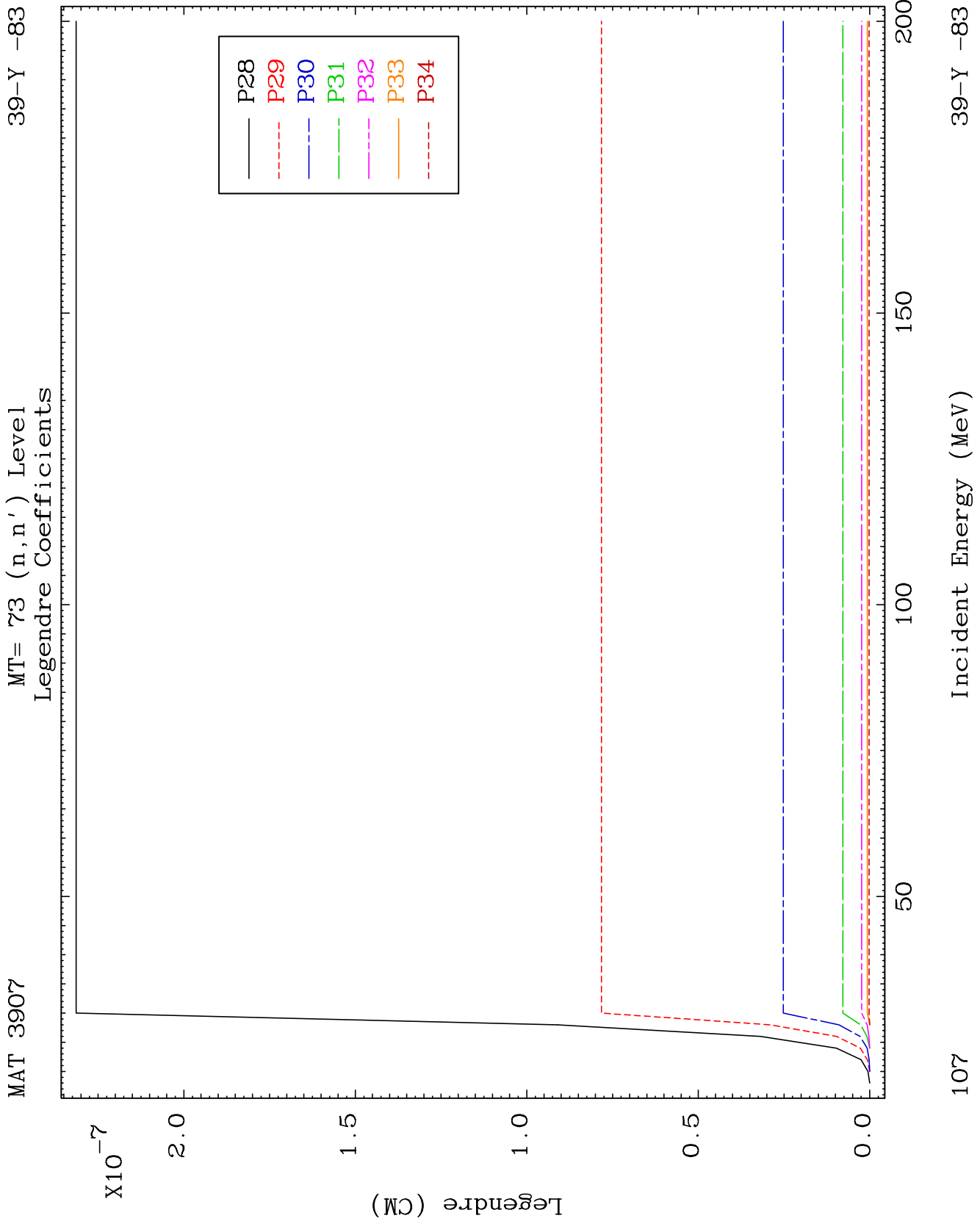
MT= 73 (n, n') Level
Legendre Coefficients

39-Y-83





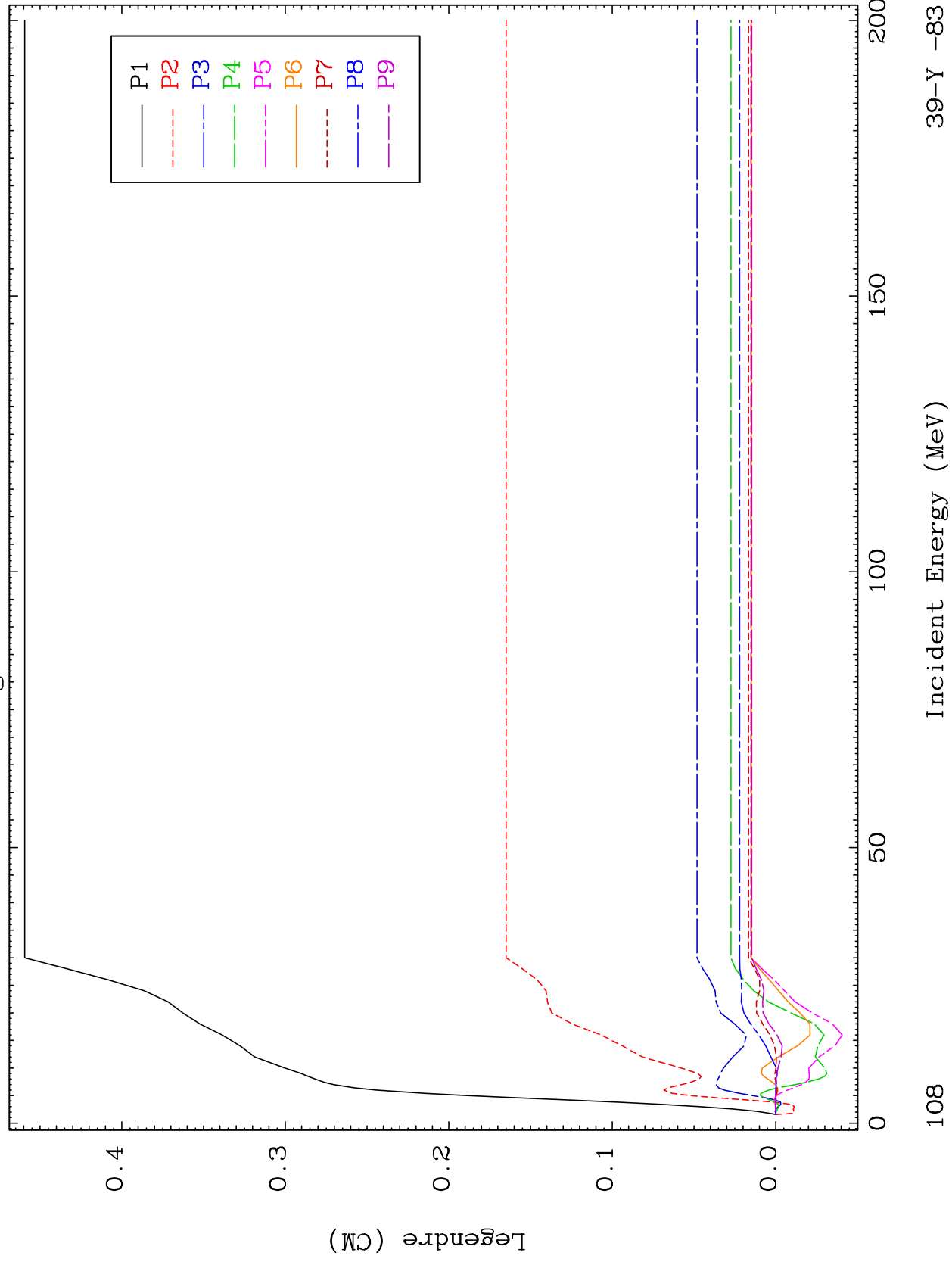


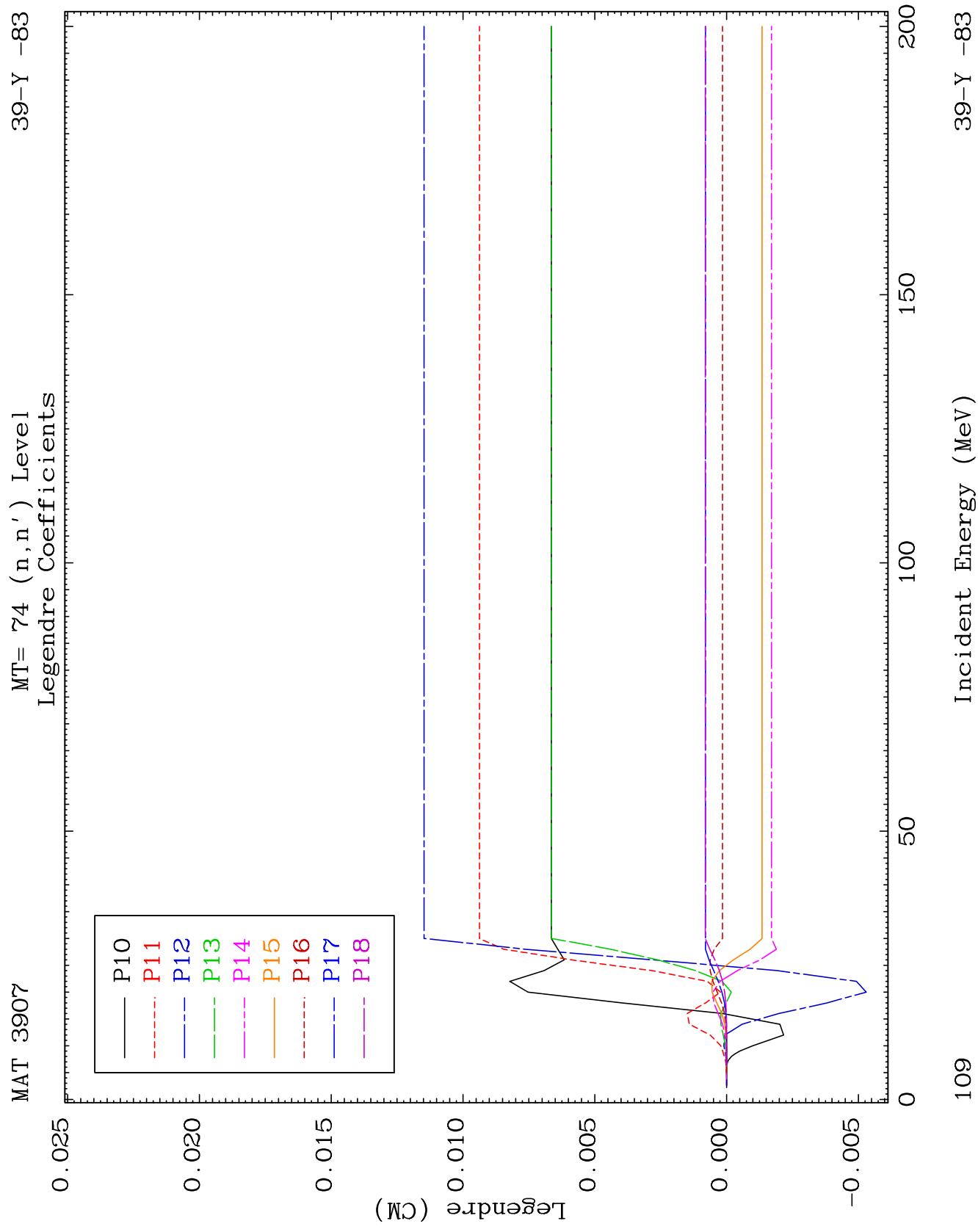


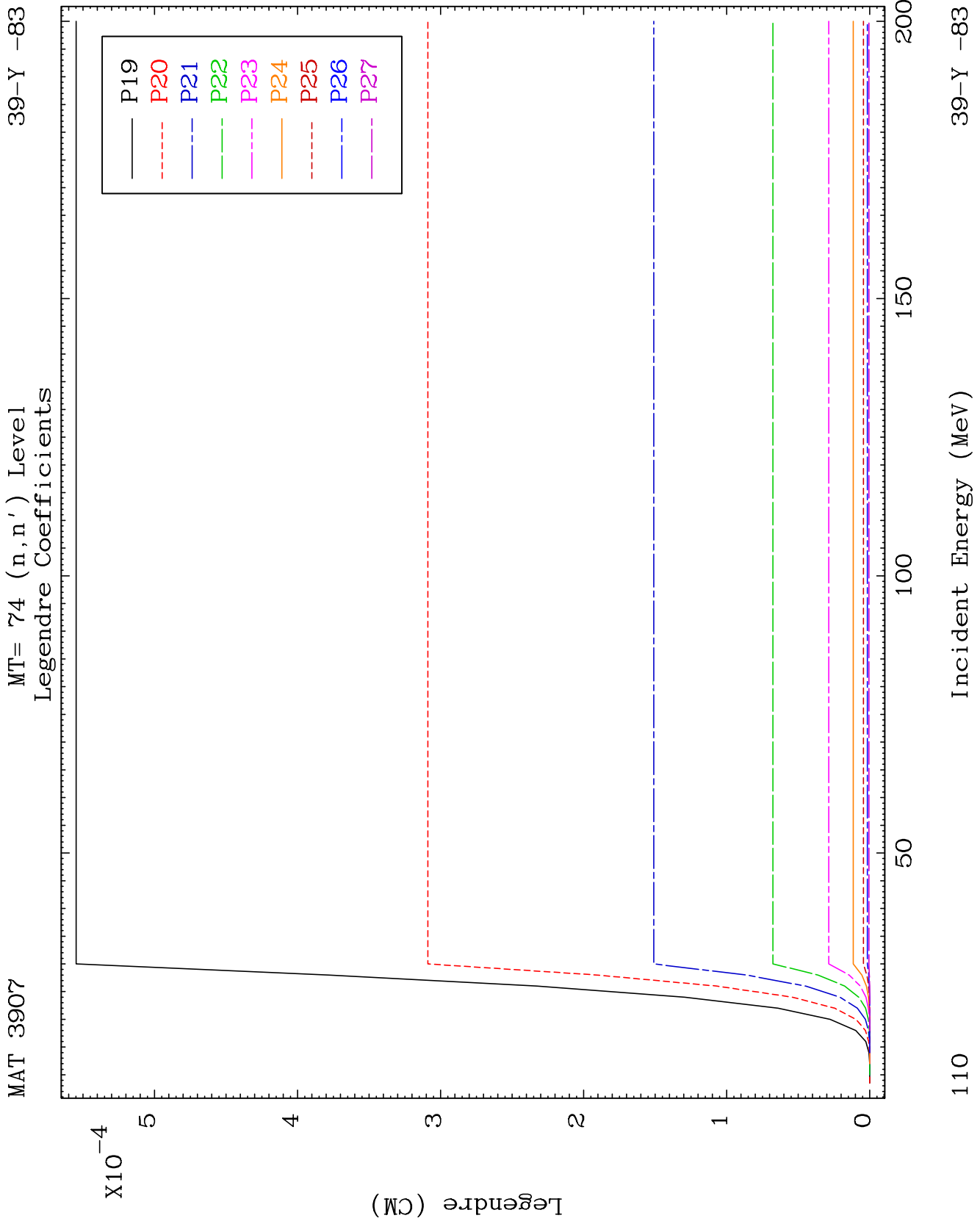
MAT 3907

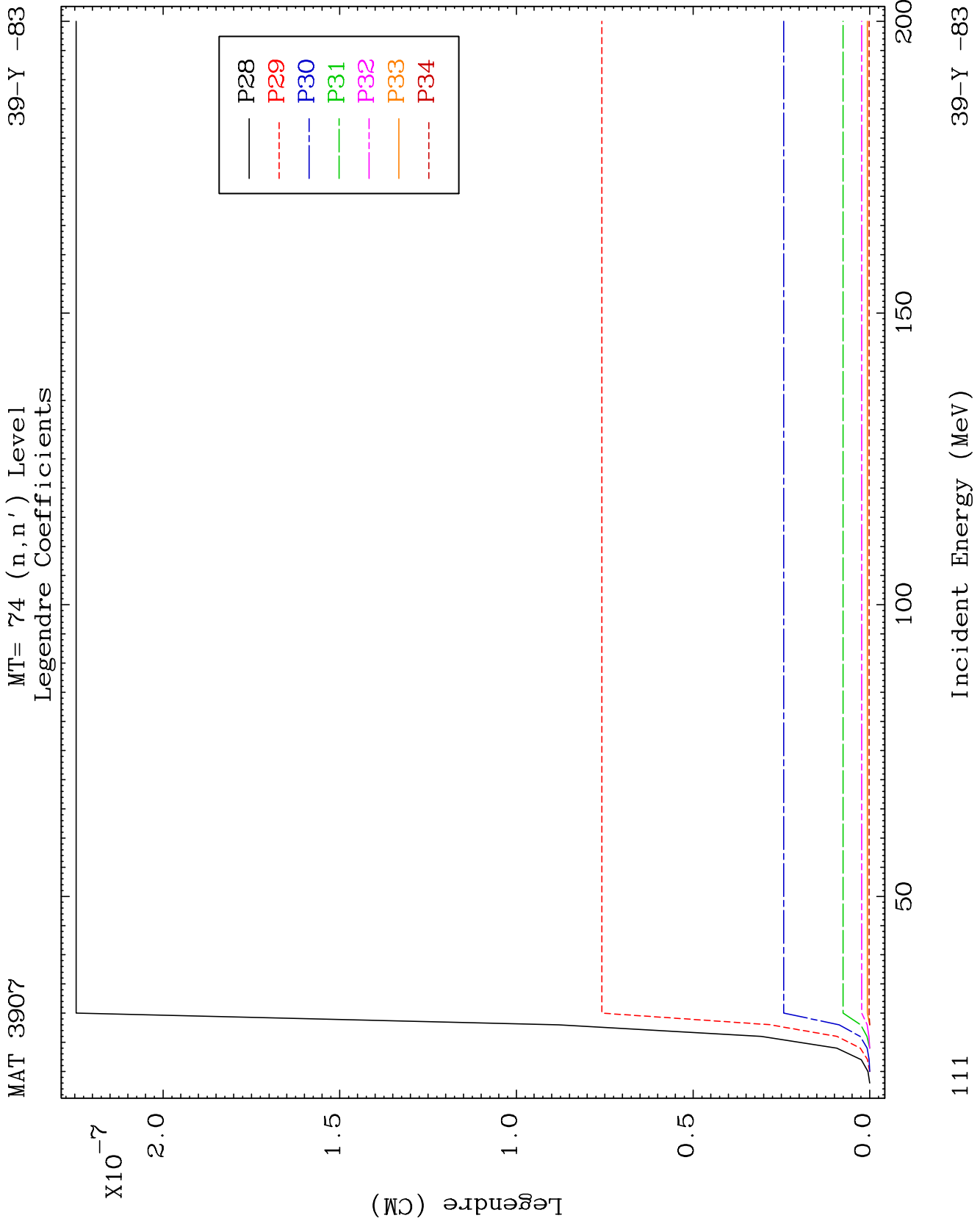
MT= 74 (n, n') Level
Legendre Coefficients

39-Y -83





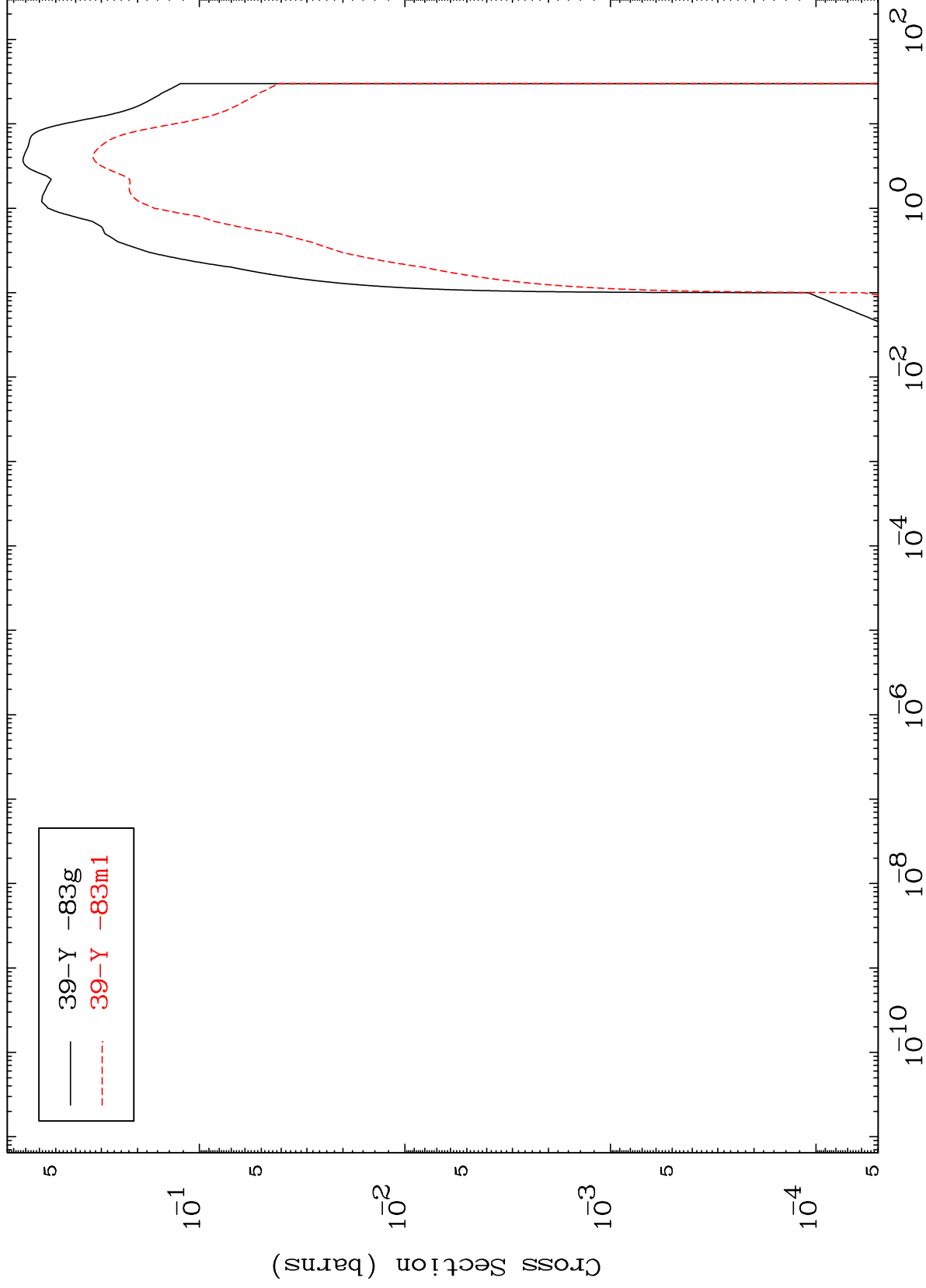




MAT 3907

Inelastic
Radionuclide Production Cross Section

39-Y -83

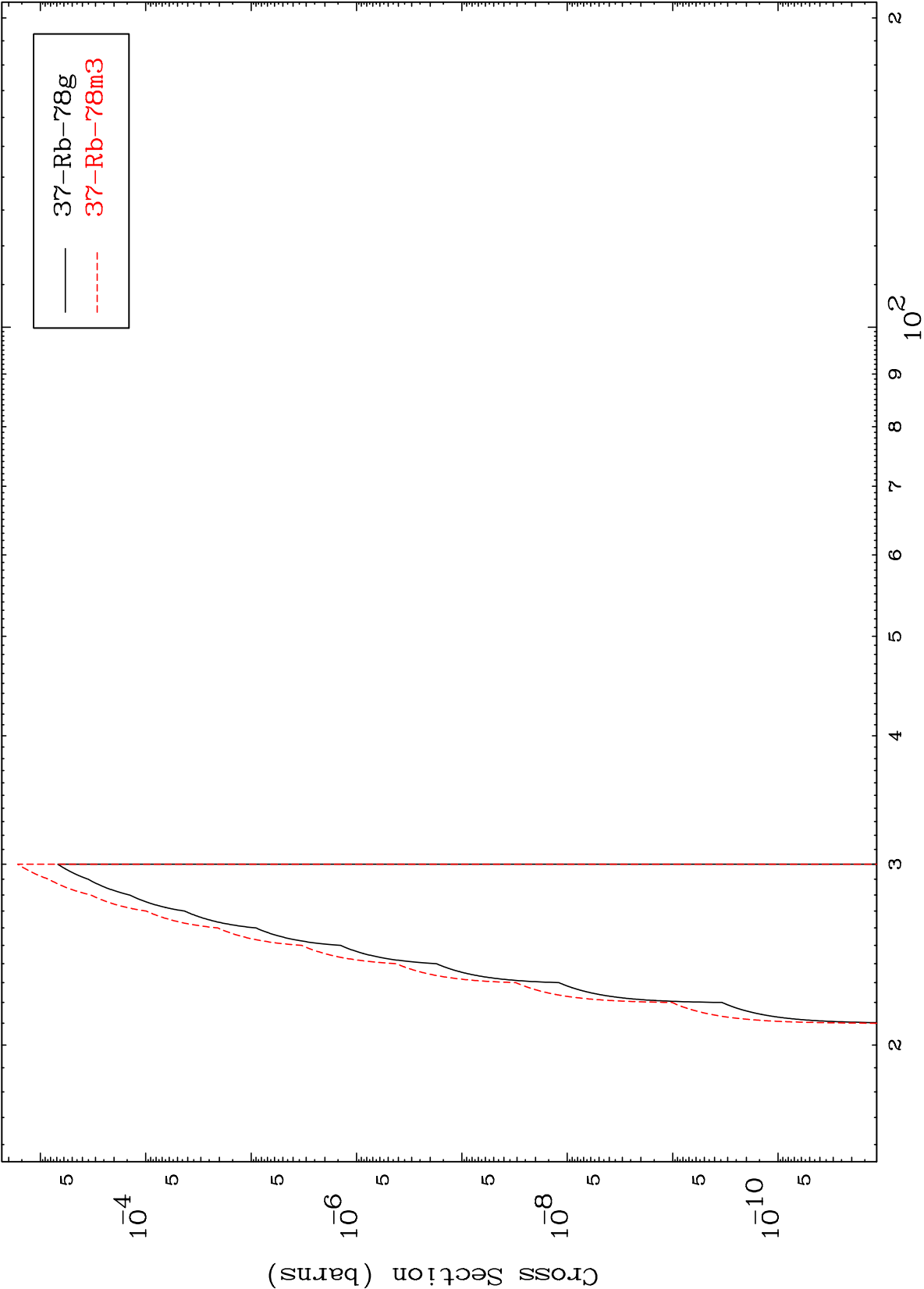


112

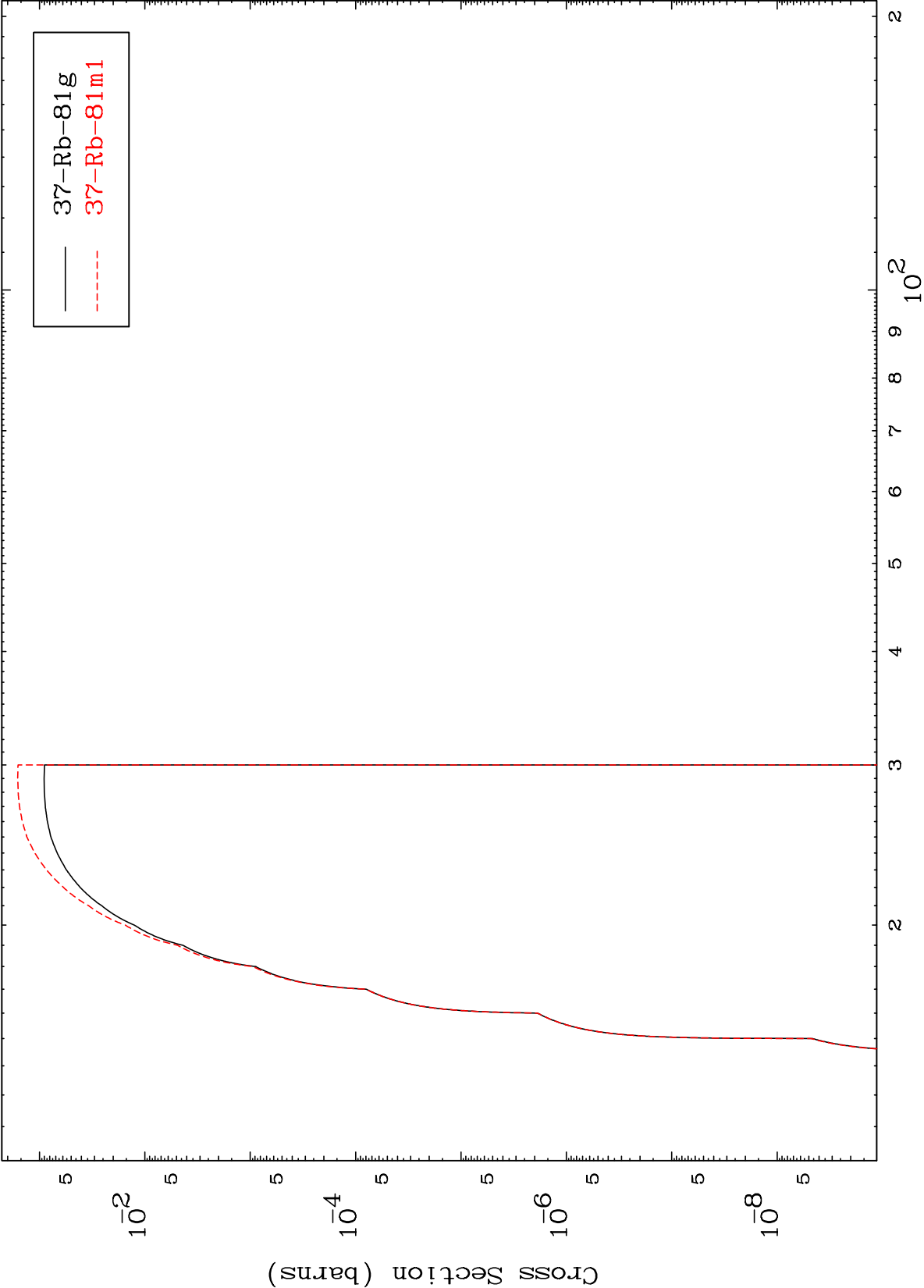
Incident Energy (MeV)

39-Y -83

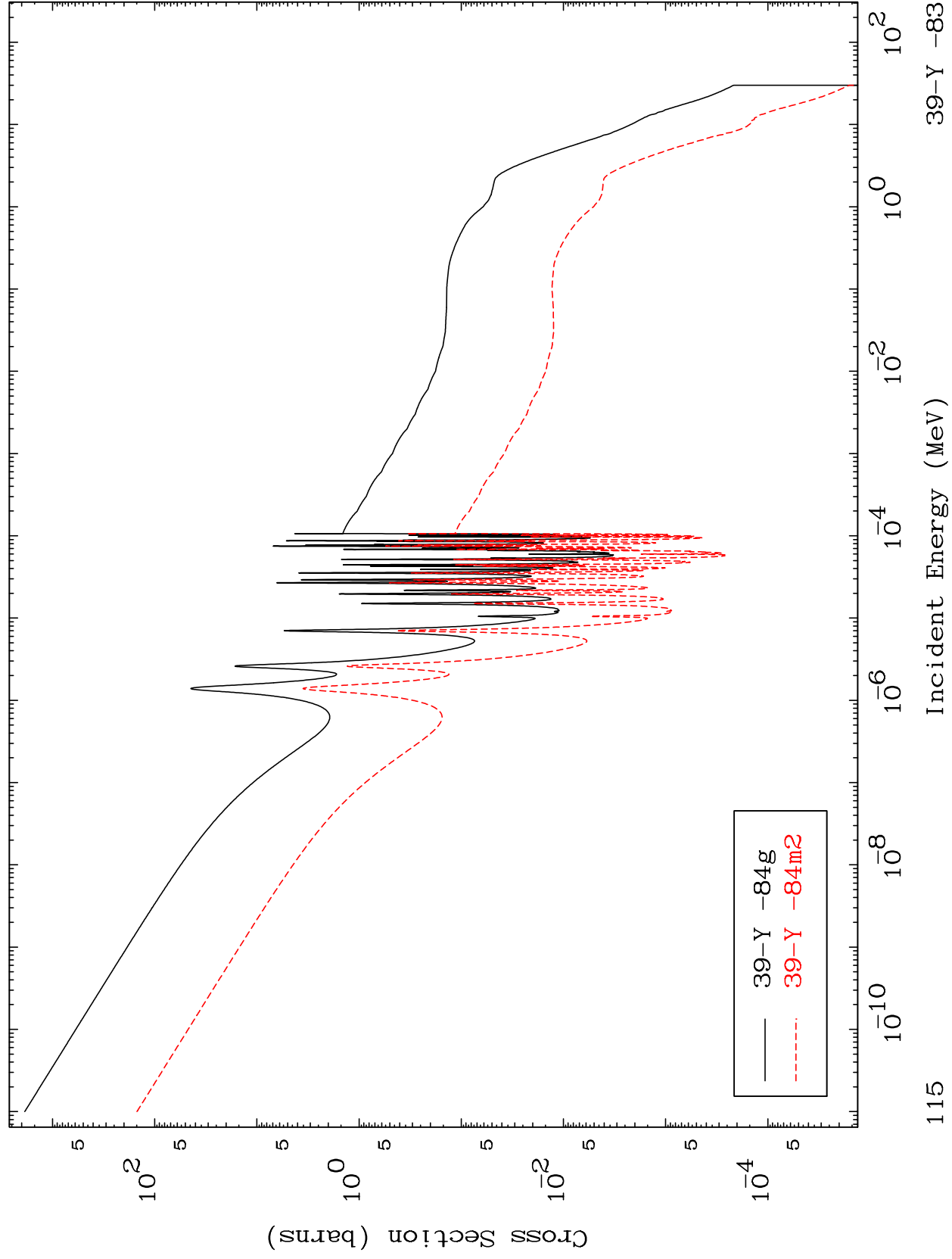
Radionuclide Production Cross Section
(n,2n) α



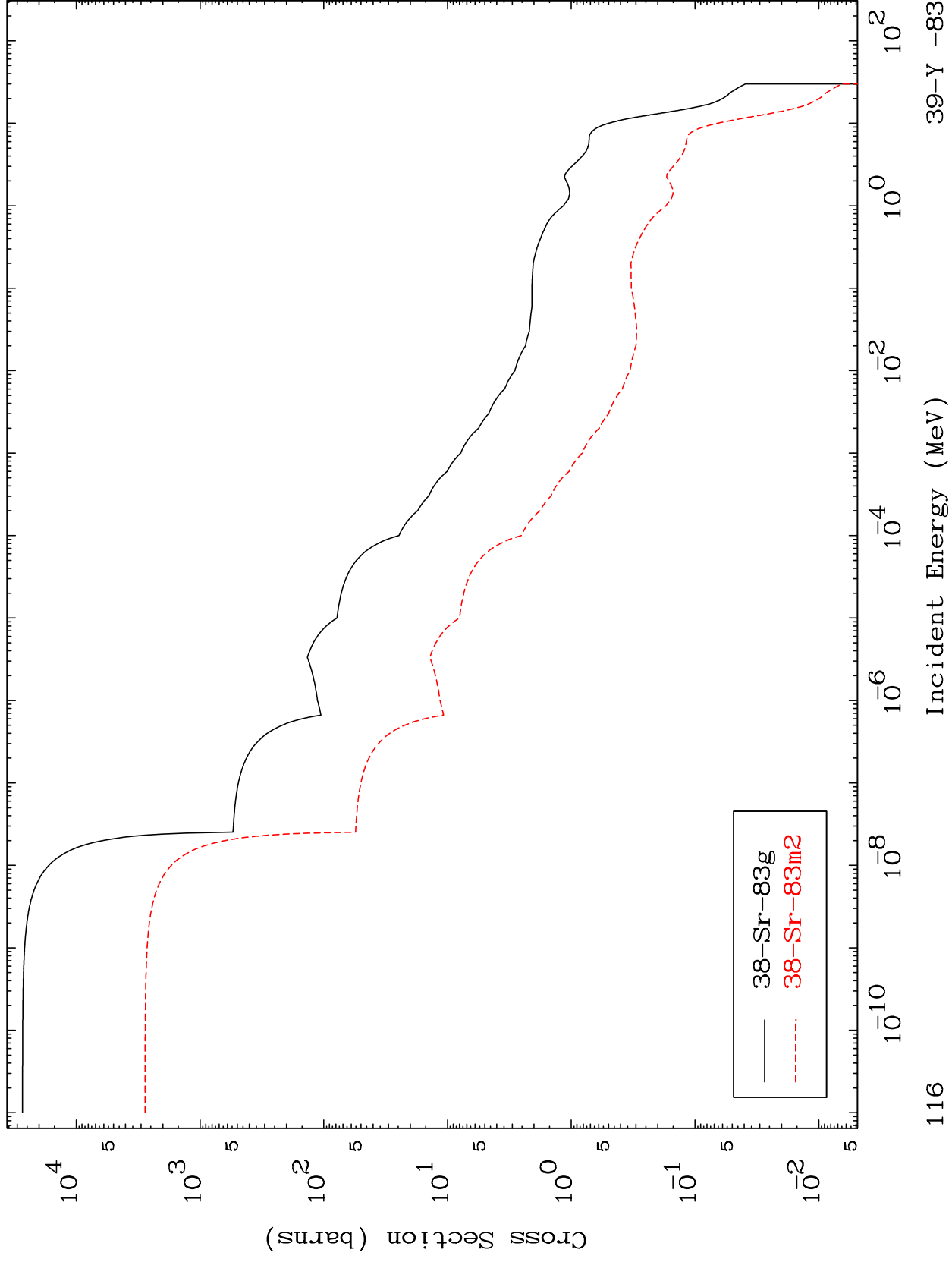
Radionuclide Production Cross Section

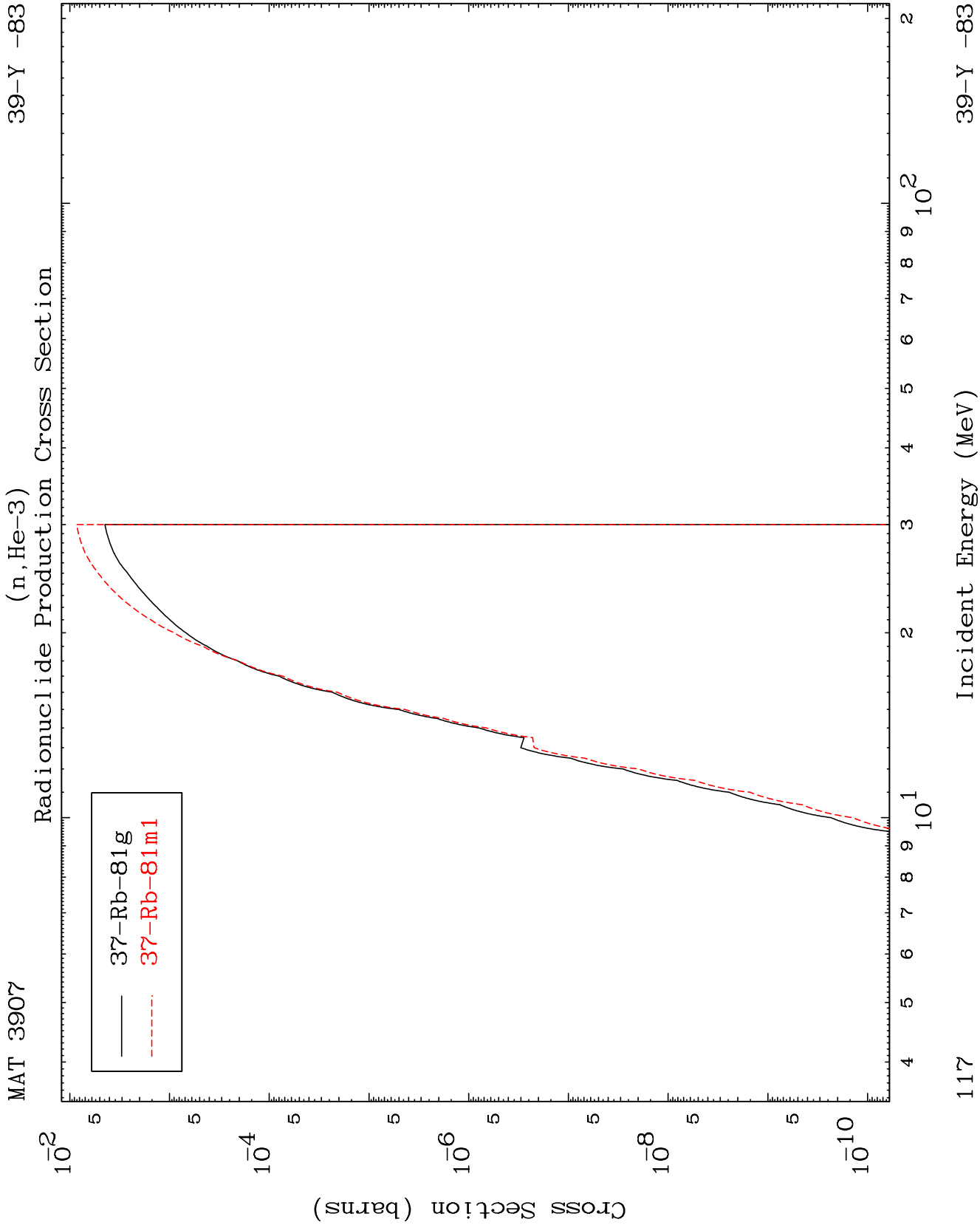


Radionuclide Production Cross Section
(n, γ)



Radionuclide Production Cross Section

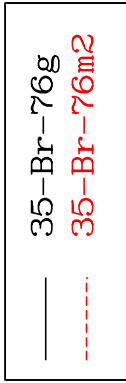
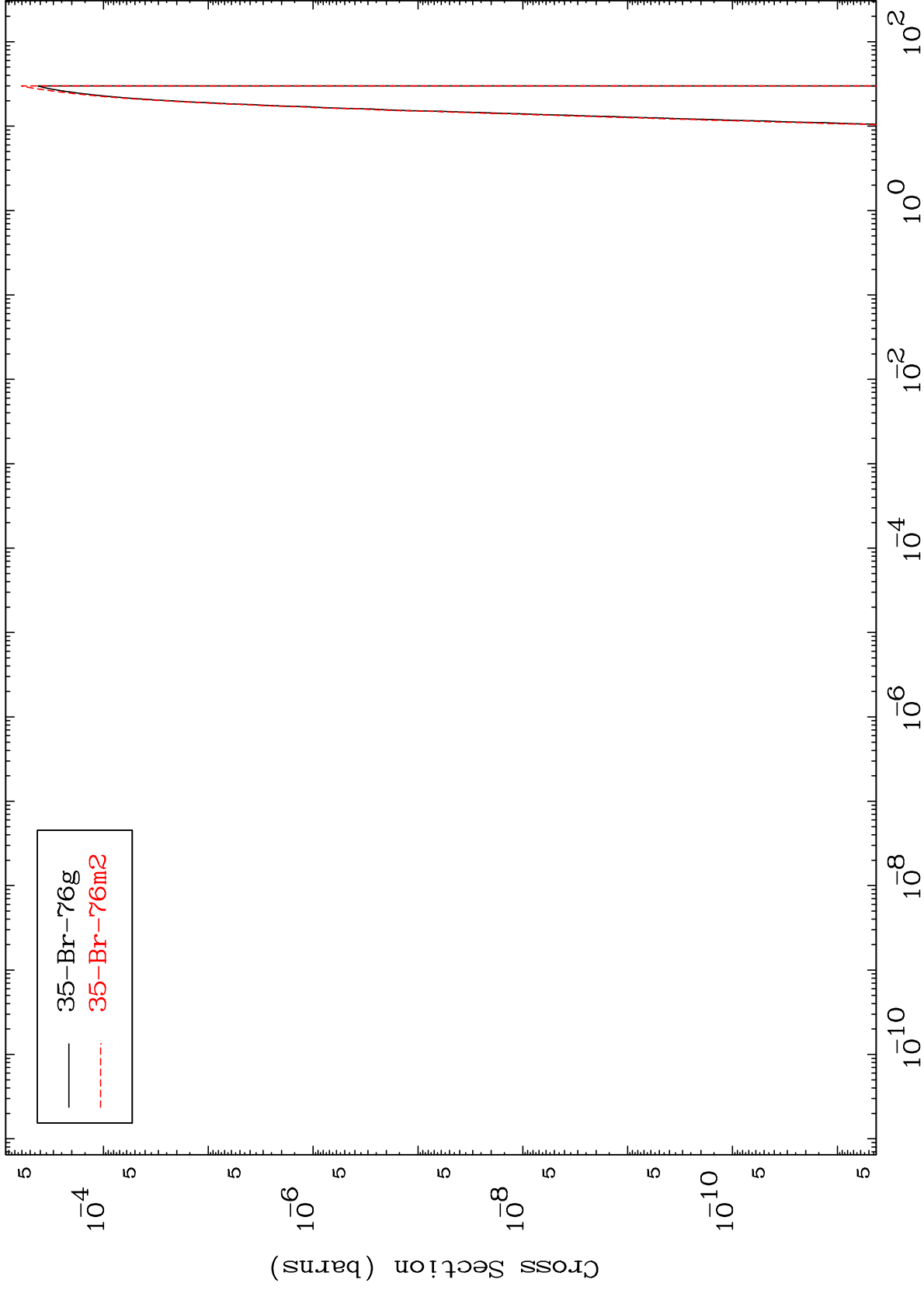




MAT 3907

39-Y -83

Radionuclide Production Cross Section

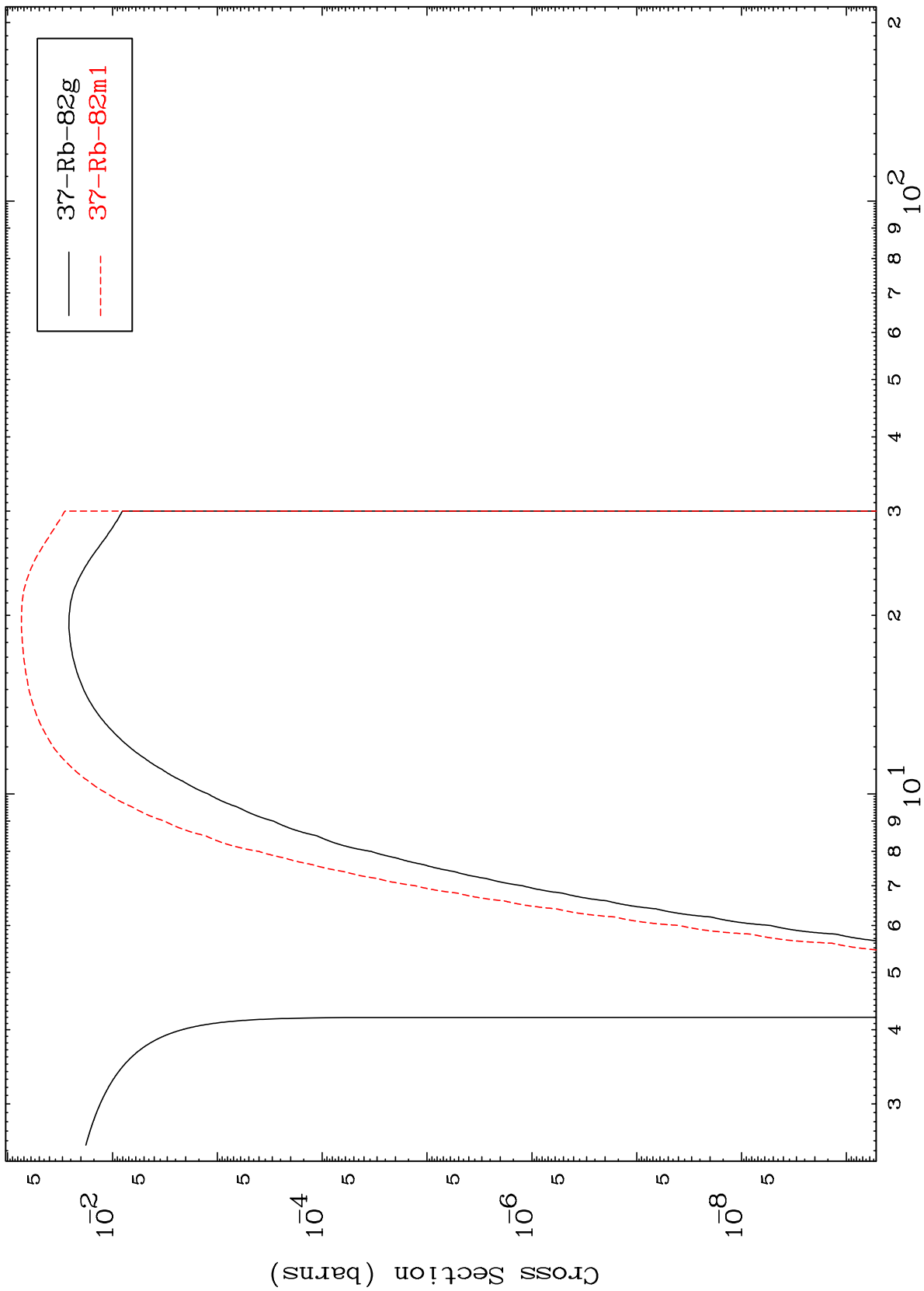


118

Incident Energy (MeV)

39-Y -83

(n,2p)
Radionuclide Production Cross Section

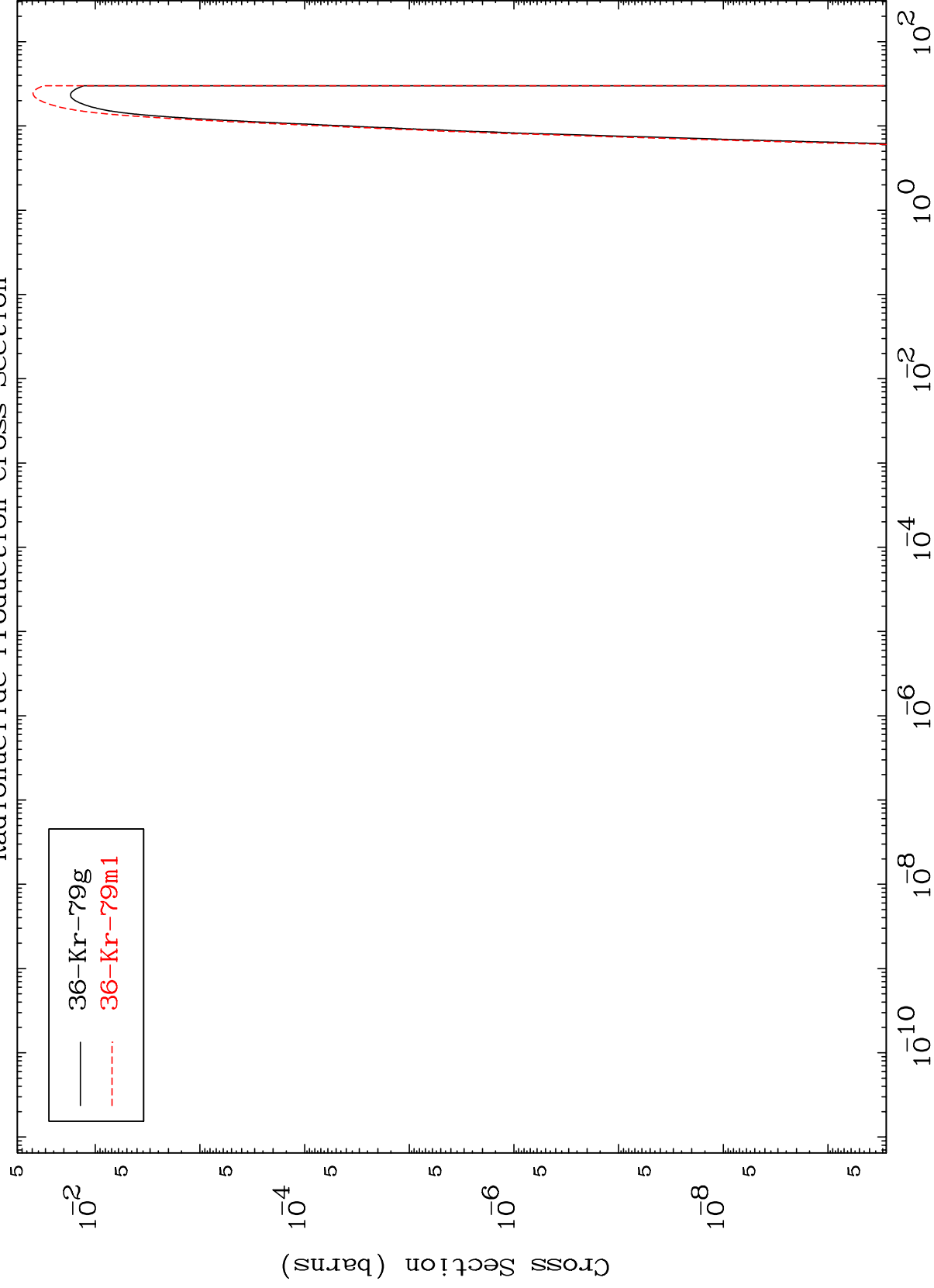


MAT 3907

(n,p) α

39-Y -83

Radionuclide Production Cross Section



120

Incident Energy (MeV)

39-Y -83

