

Program EVALPLOT
(Version 2021-1)

by

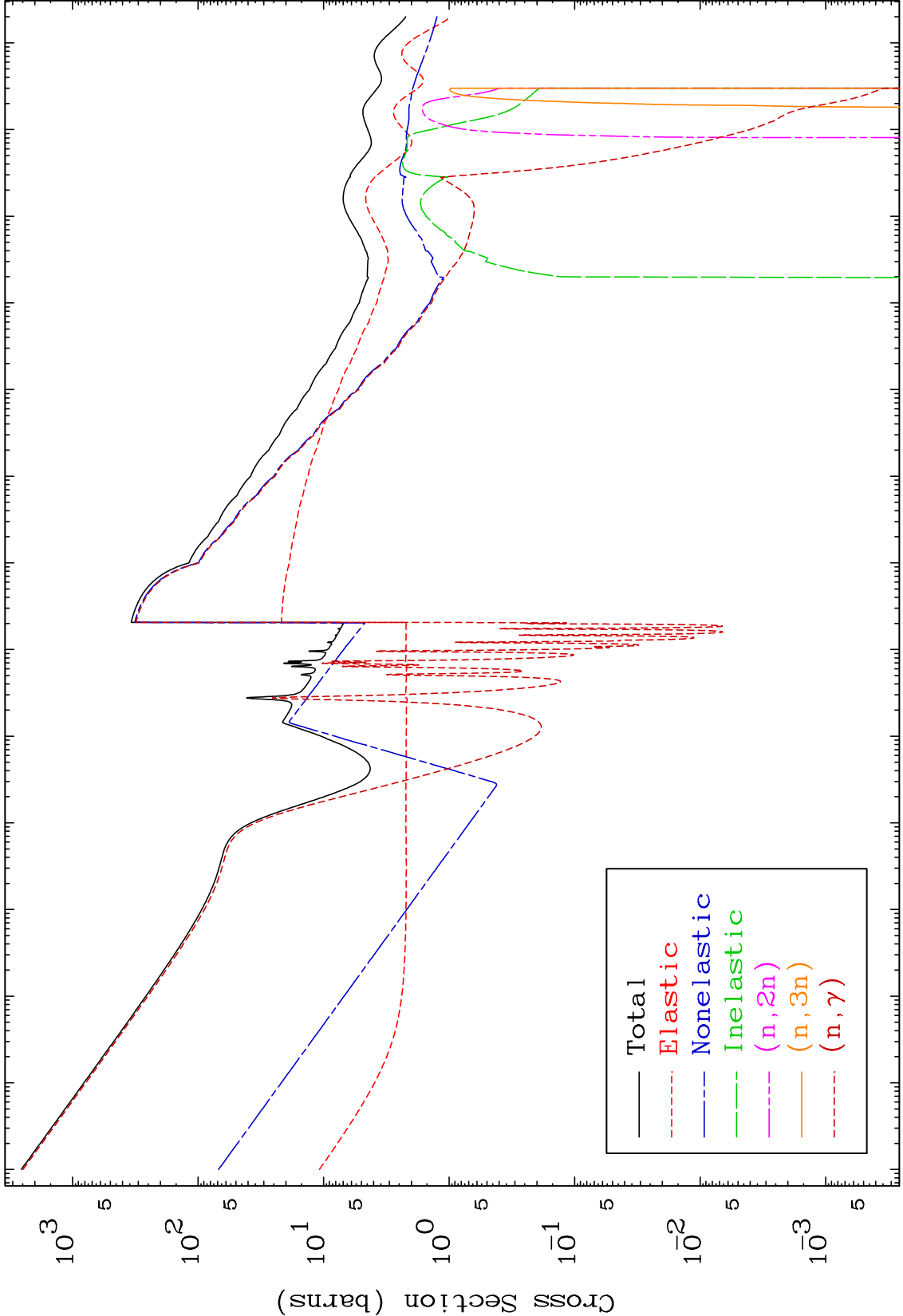
Dermott E. Cullen
(Present Contact Information)

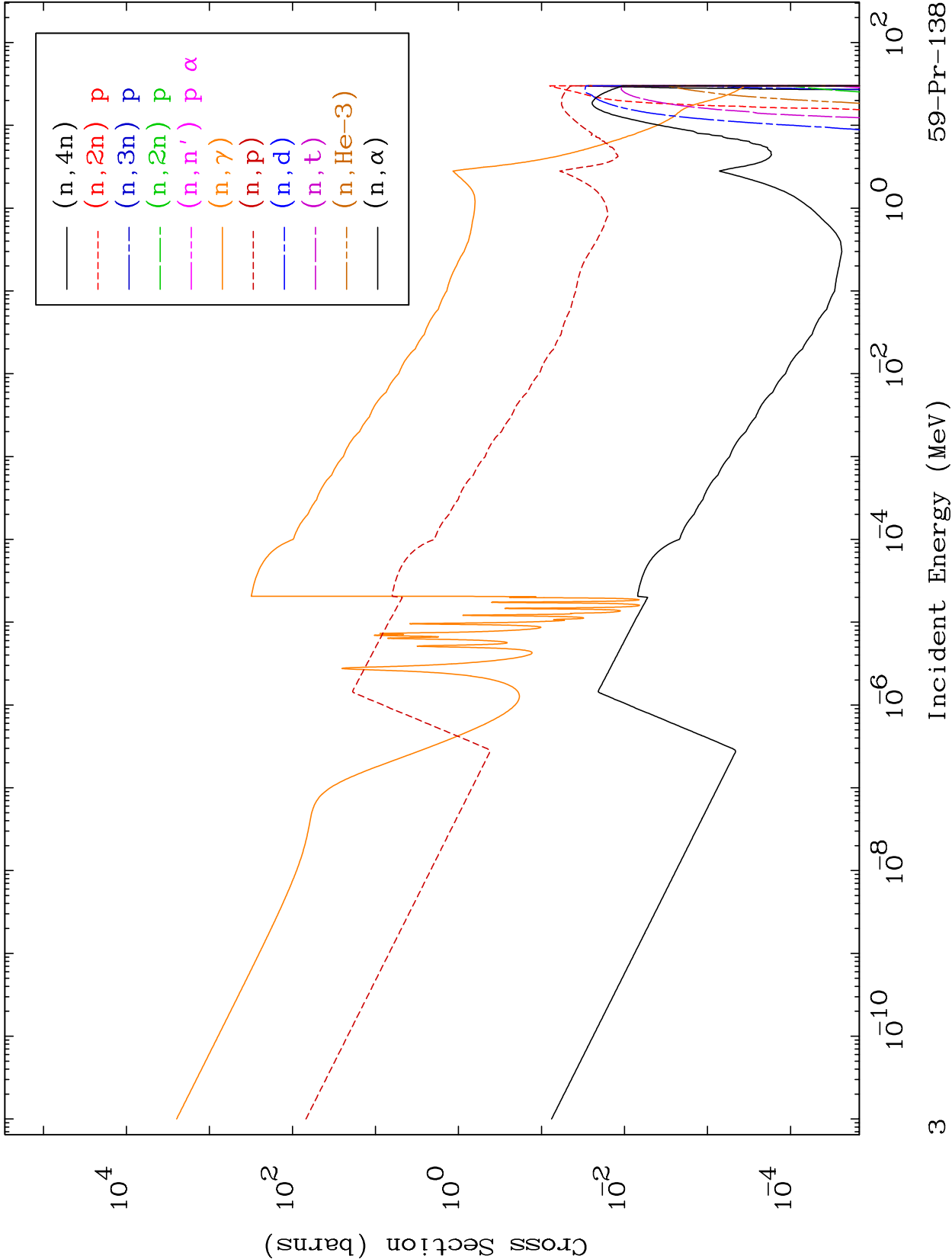
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

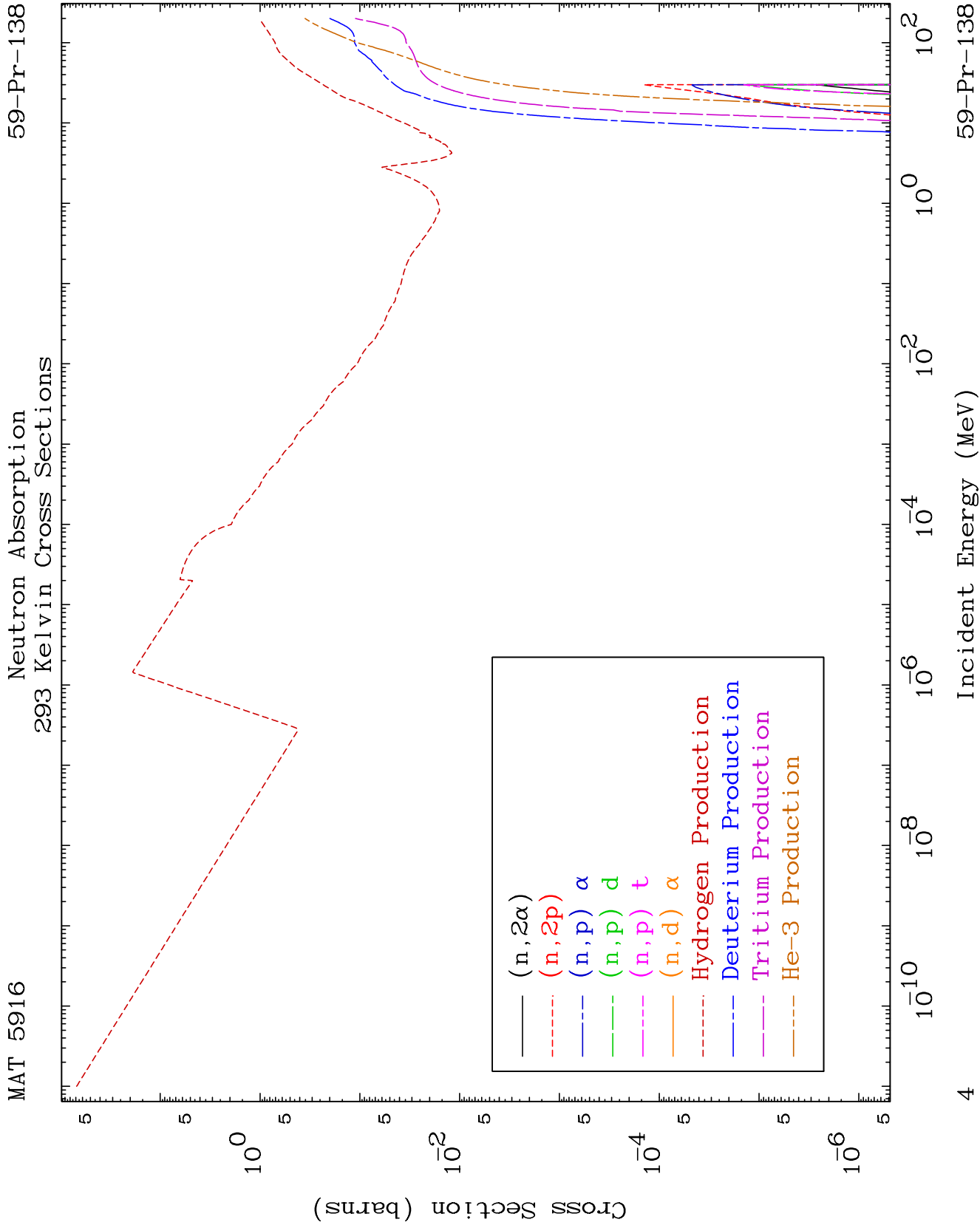
Tele: 925-443-1911

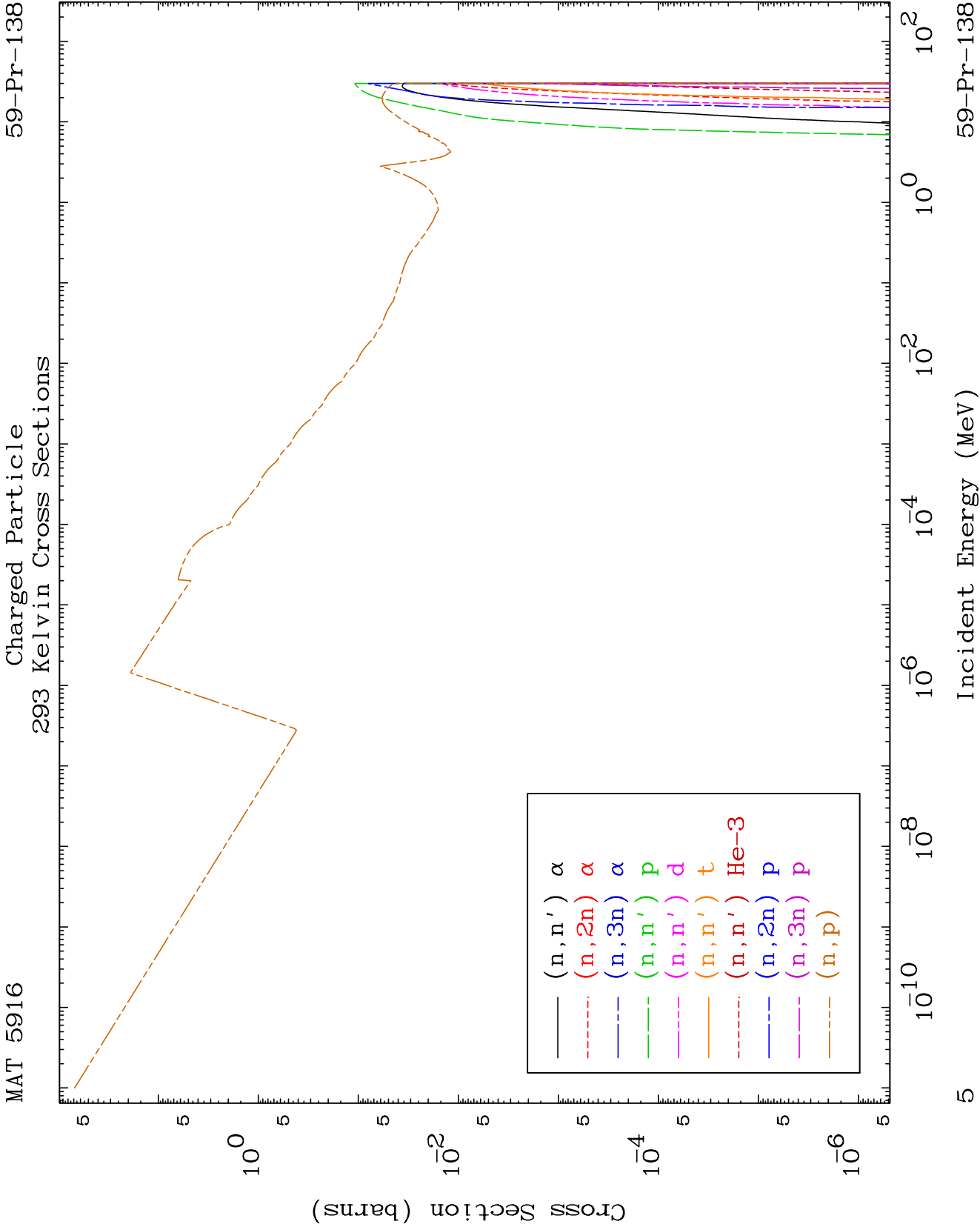
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

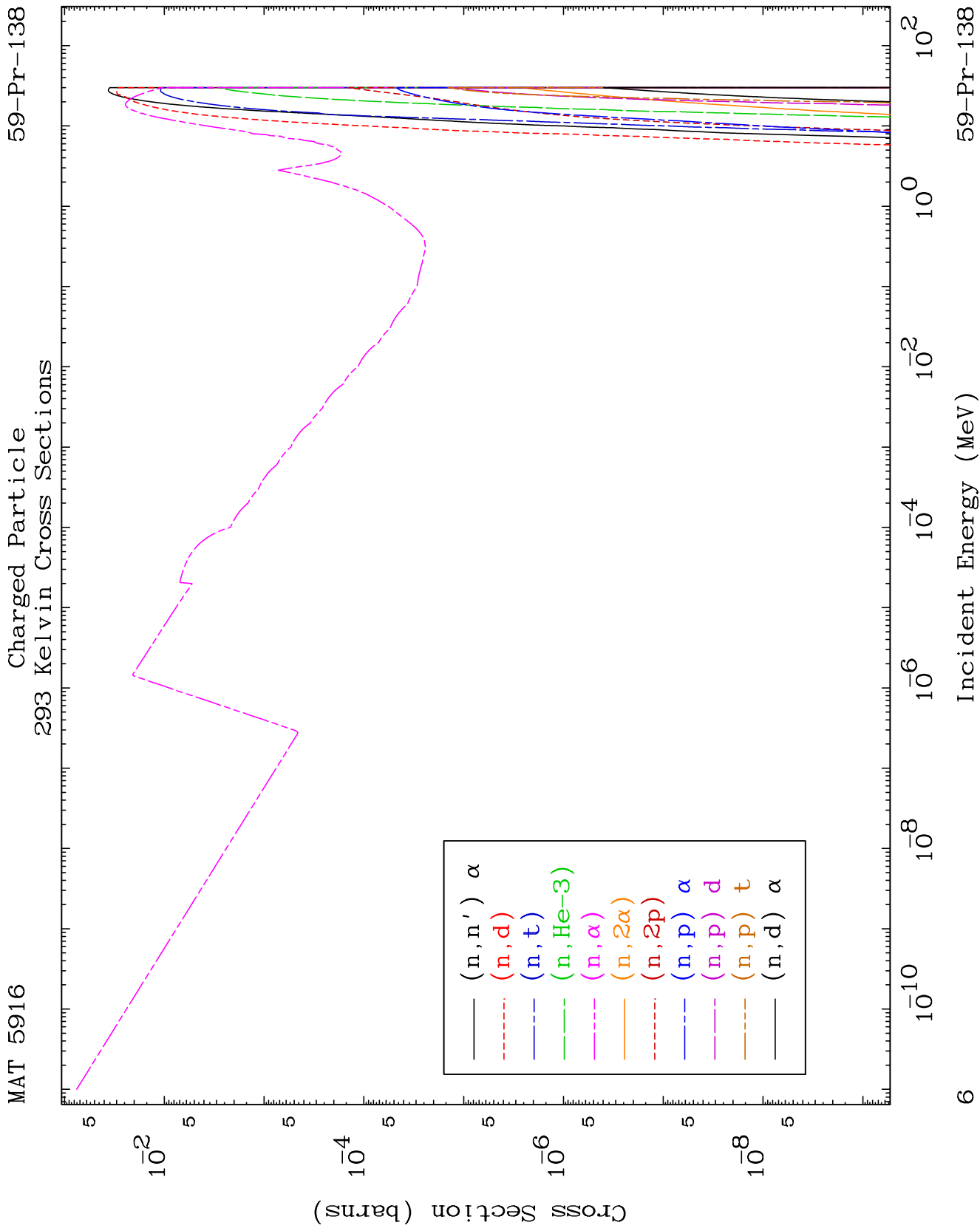
Press Mouse Button to Start

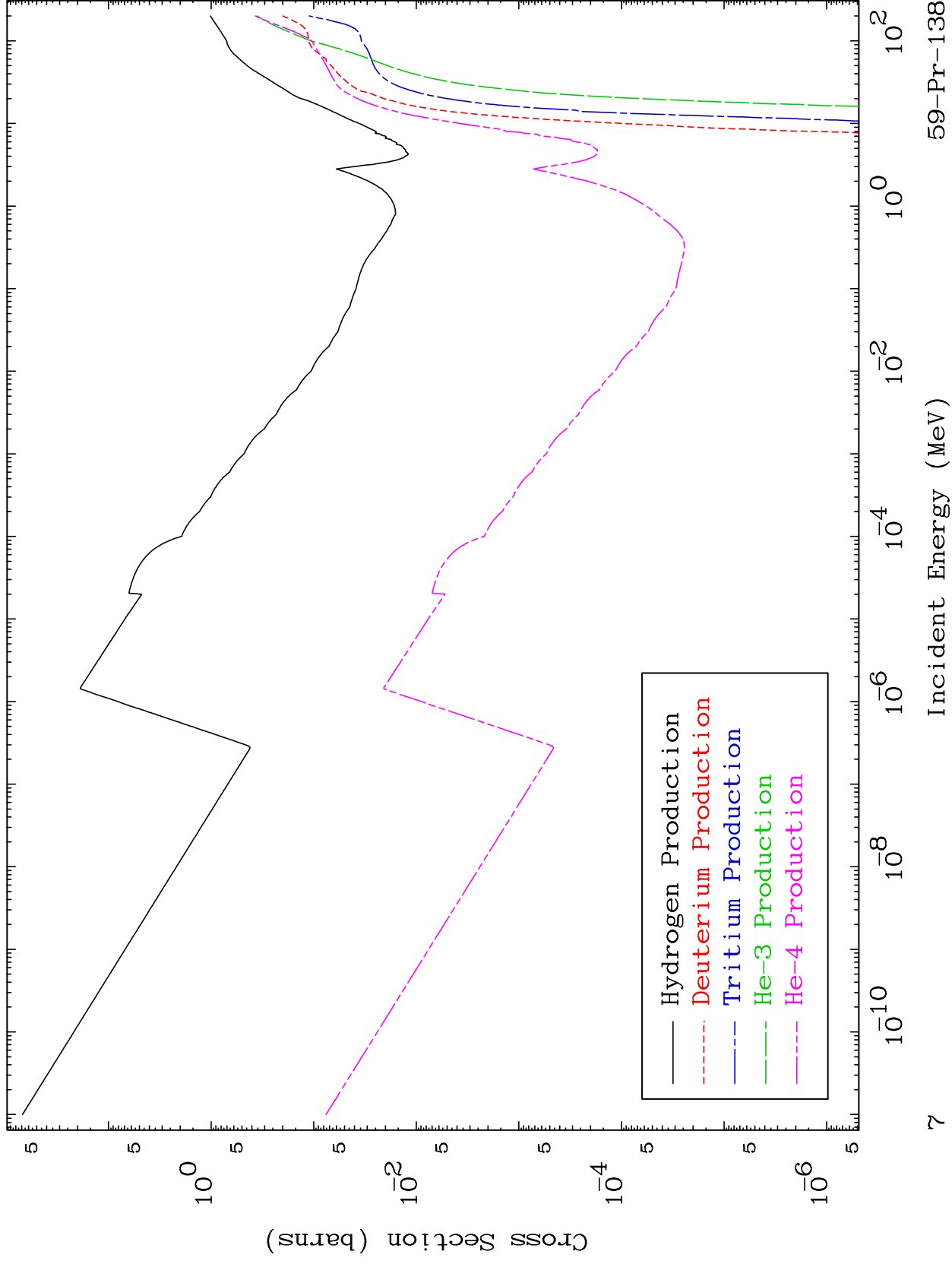


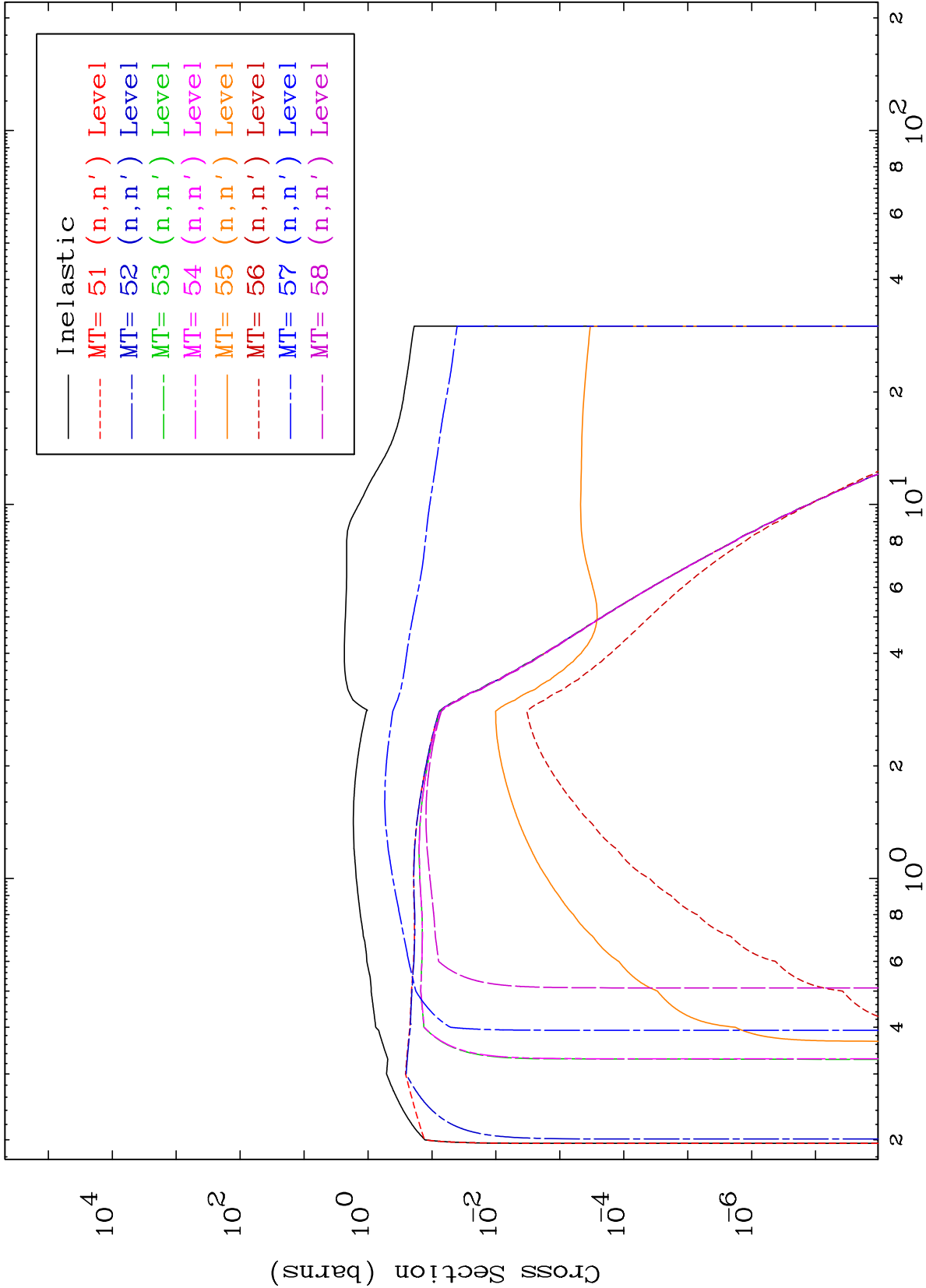


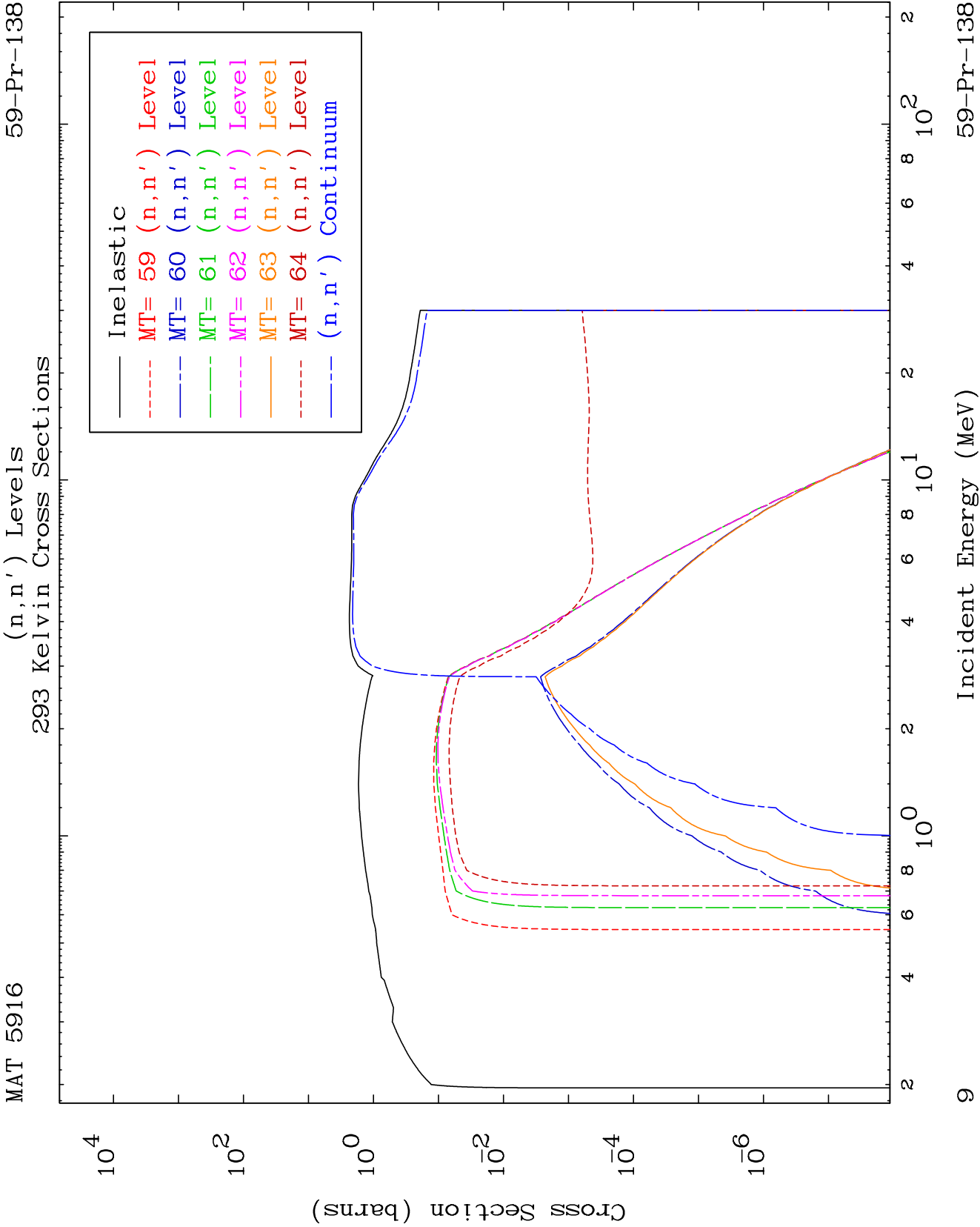


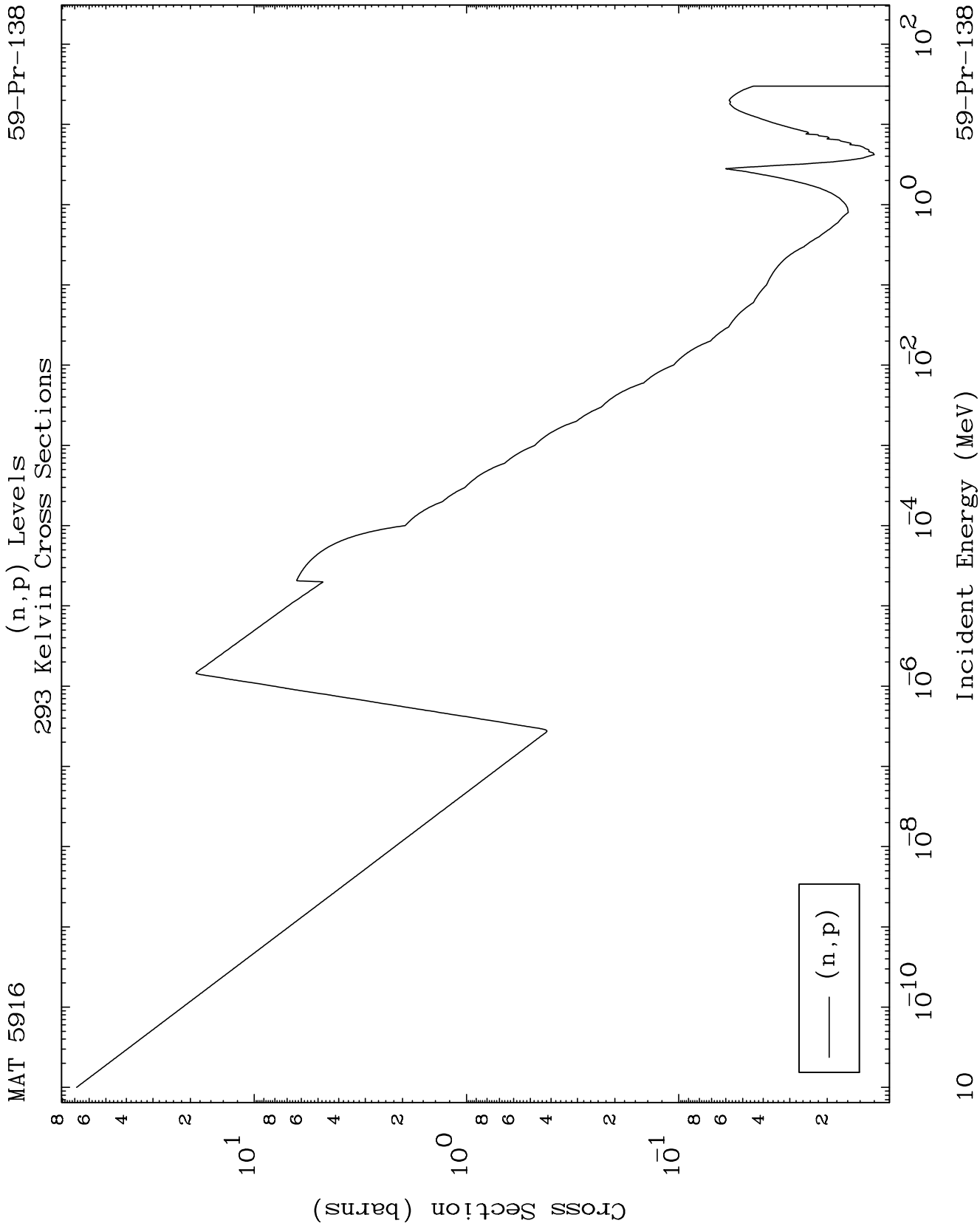


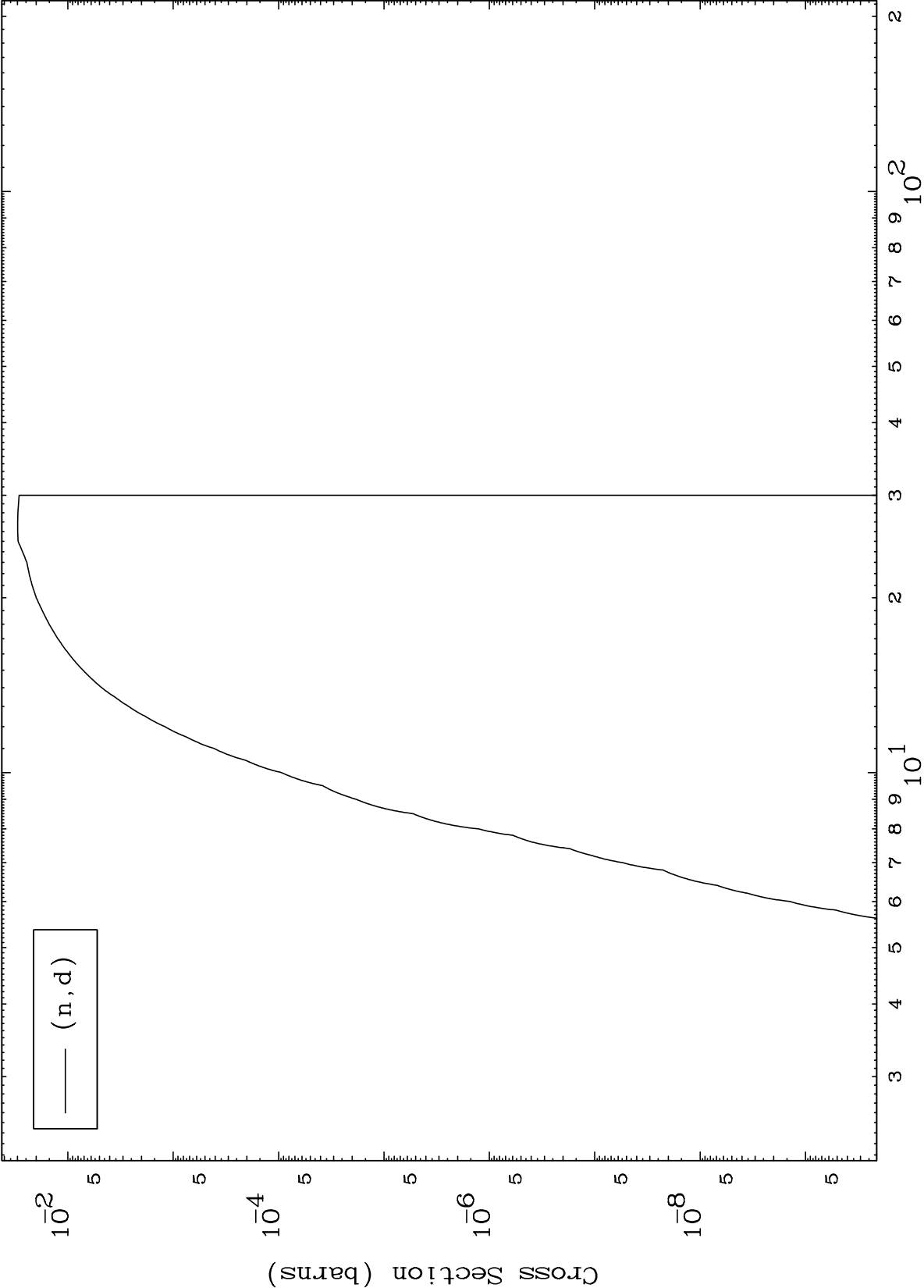


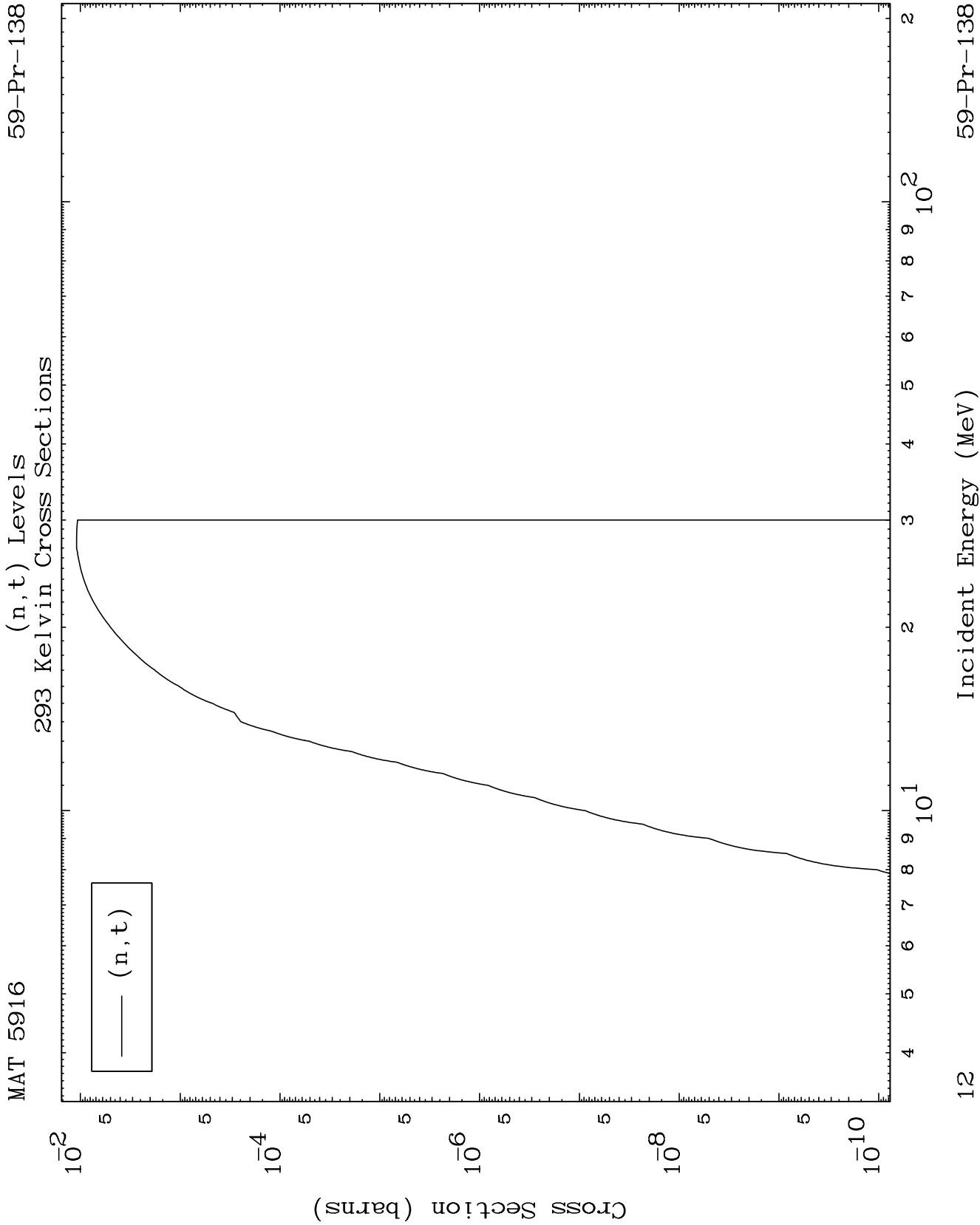








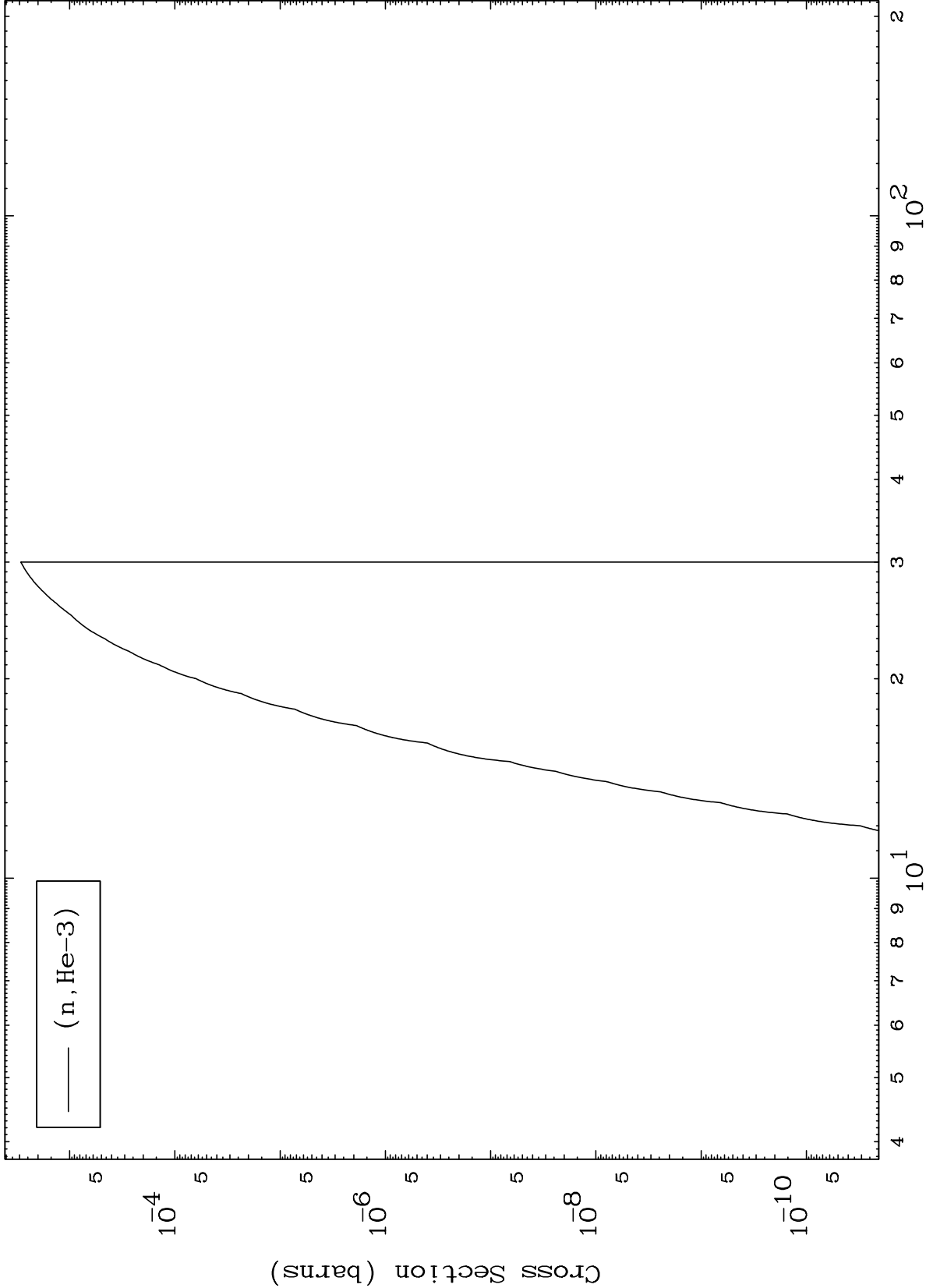




MAT 5916

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-138



13

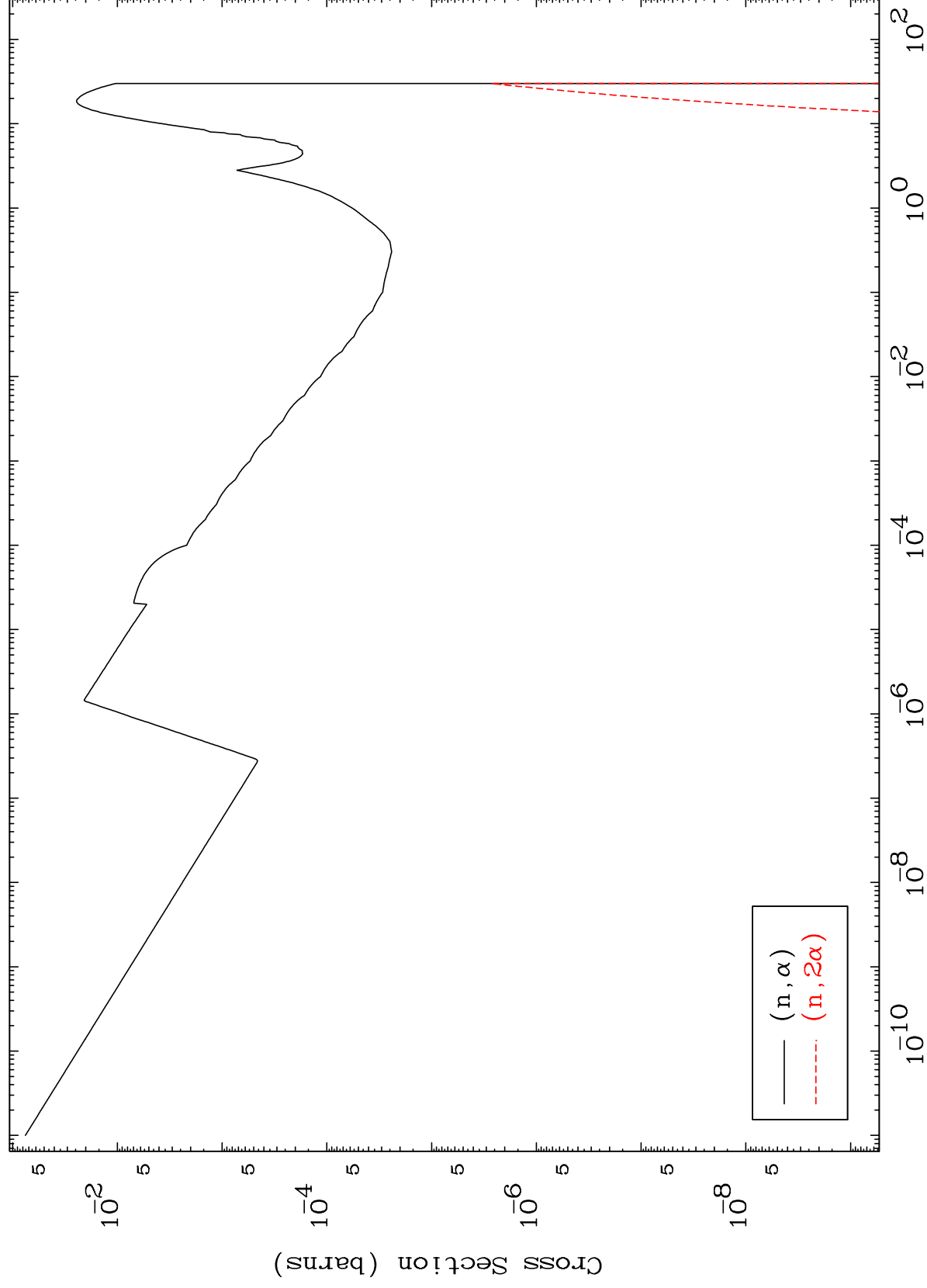
Incident Energy (MeV)

59-Pr-138

MAT 5916

(n, α) Levels
293 Kelvin Cross Sections

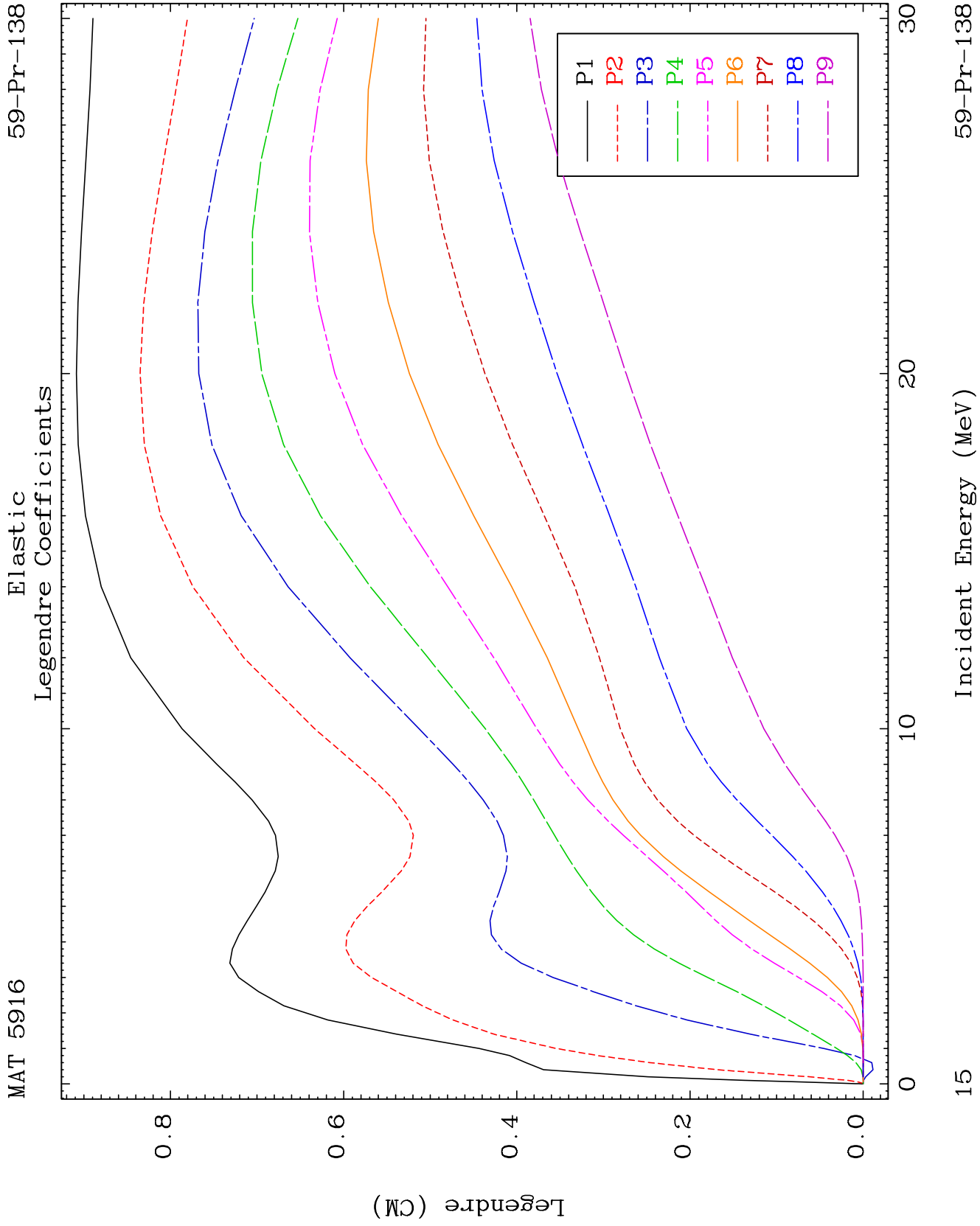
59-Pr-138

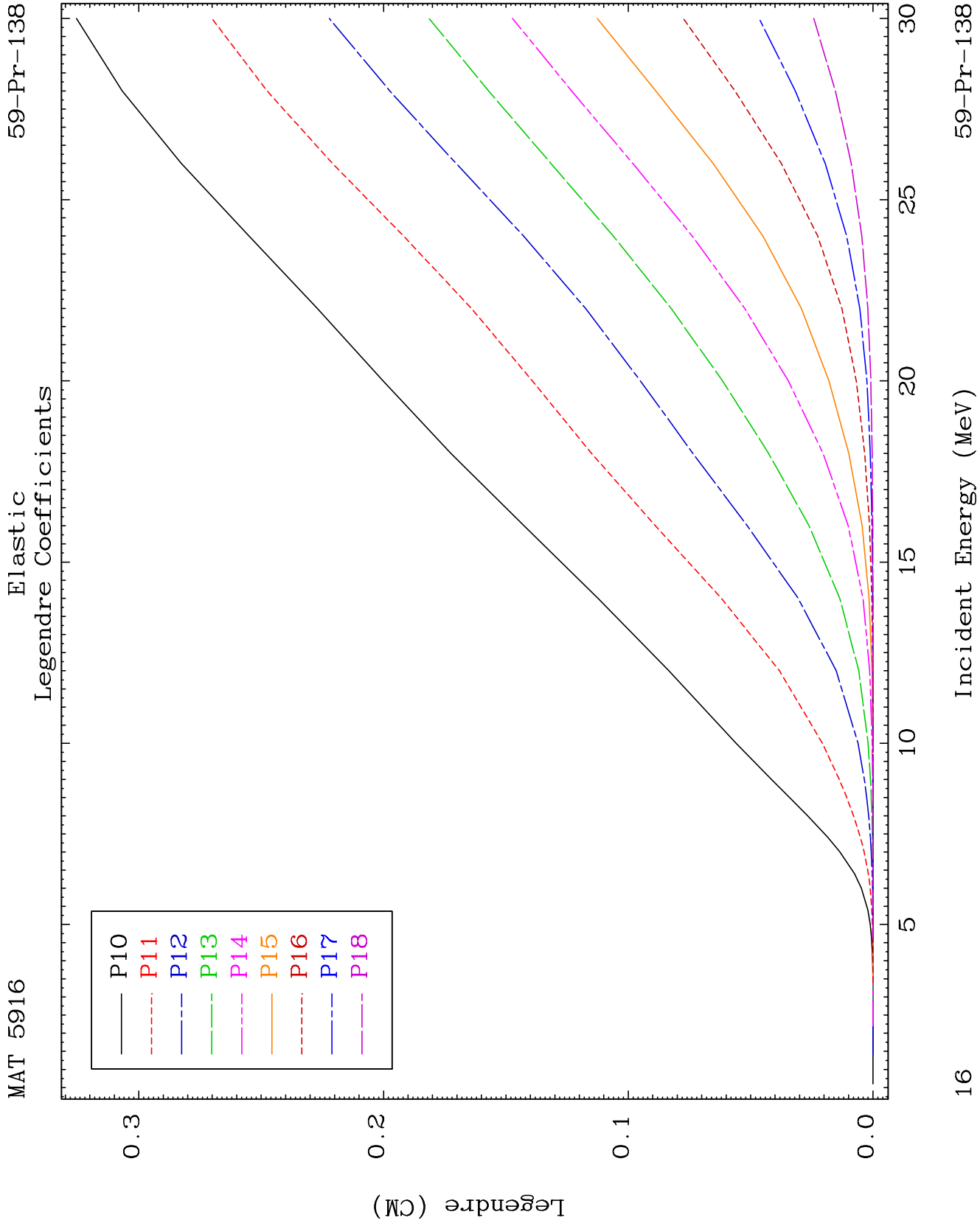


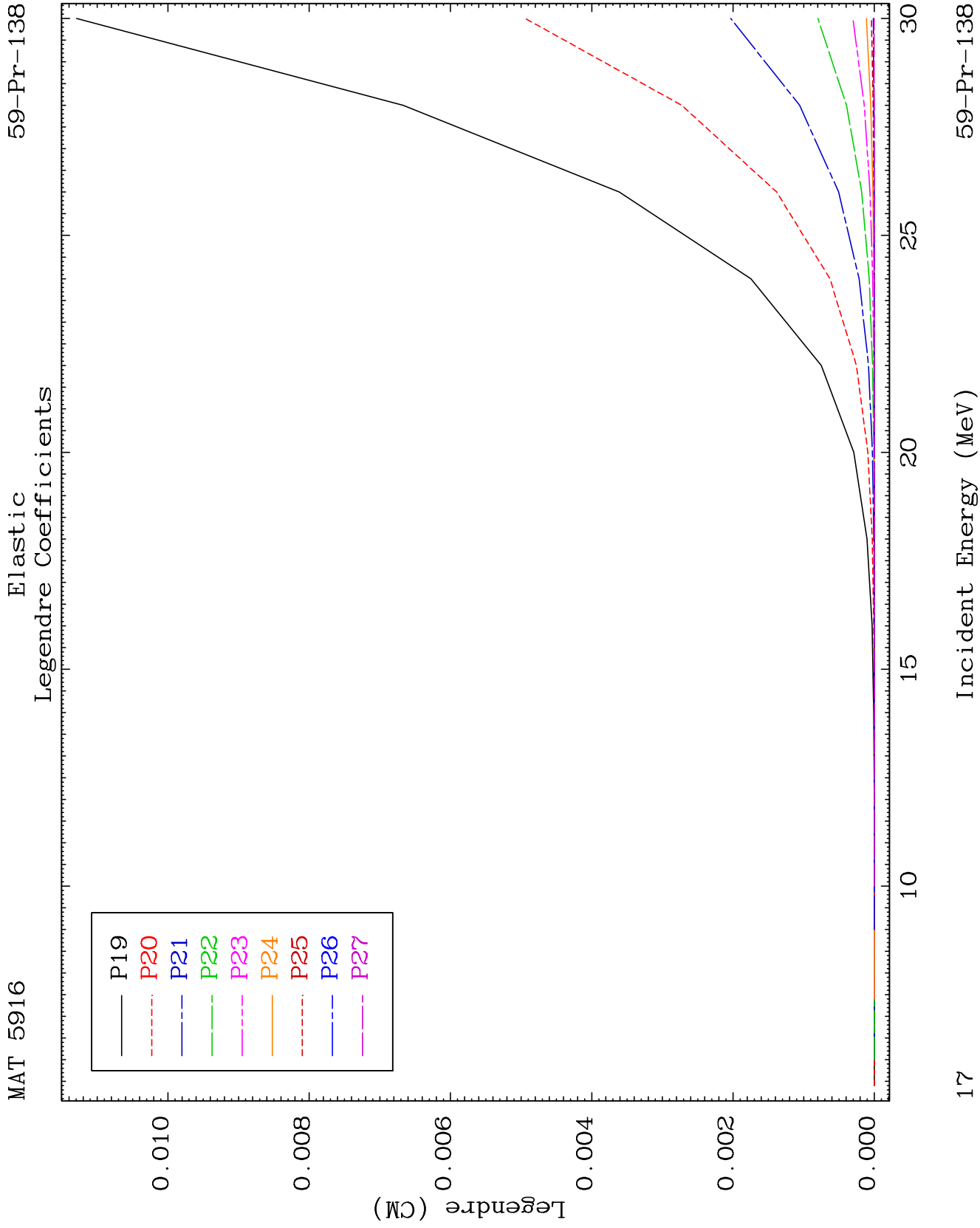
14

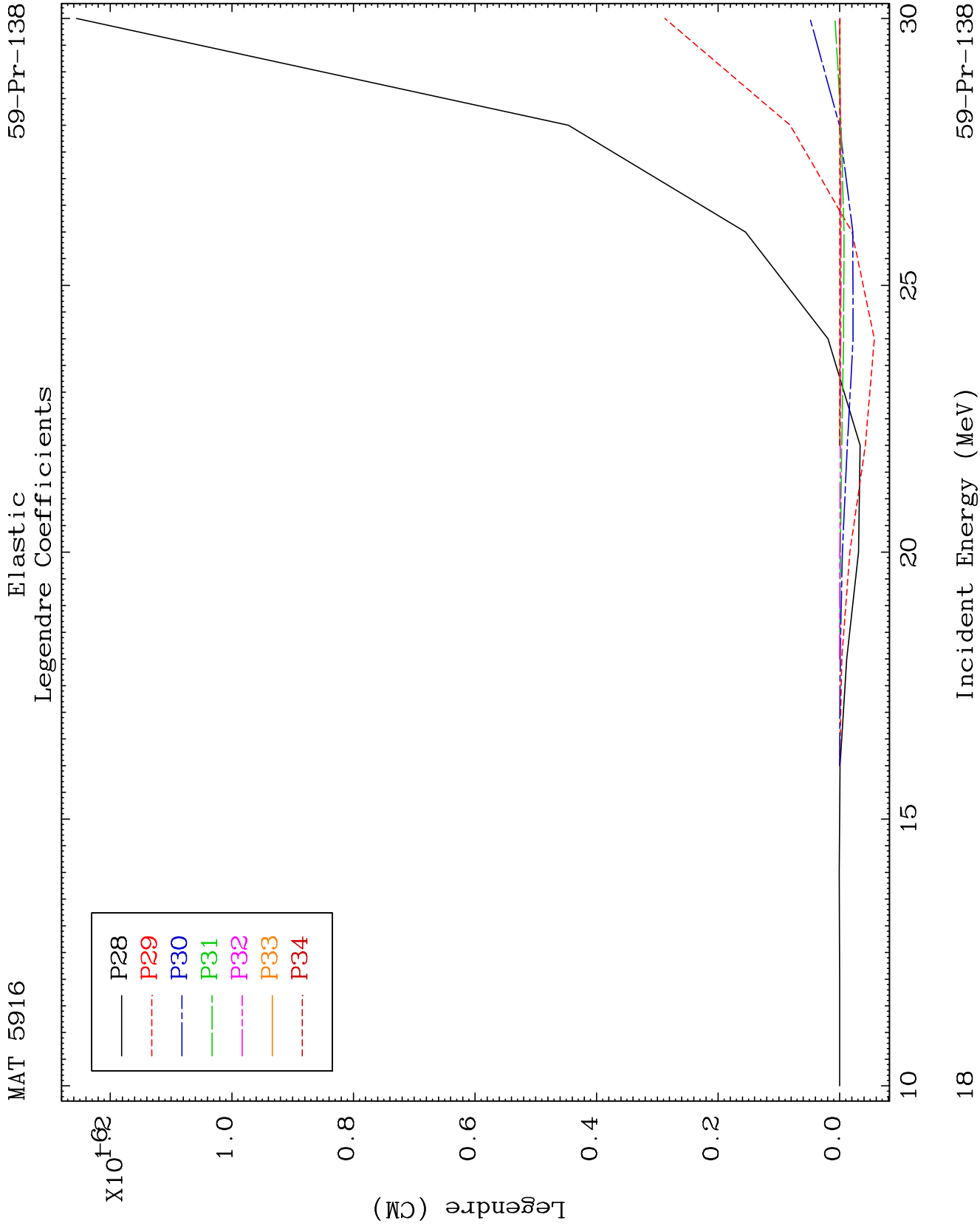
Incident Energy (MeV)

59-Pr-138





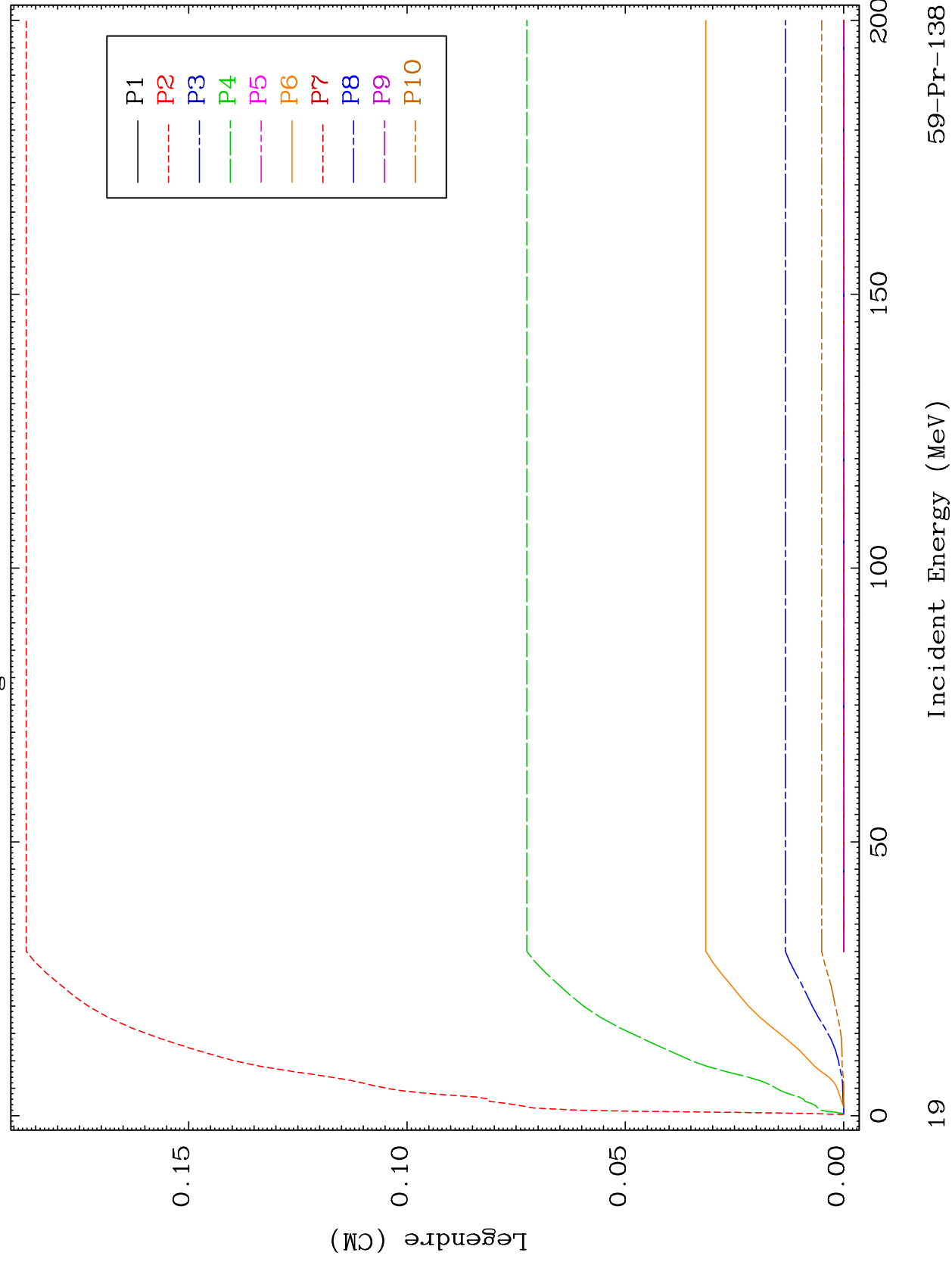




MAT 5916

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

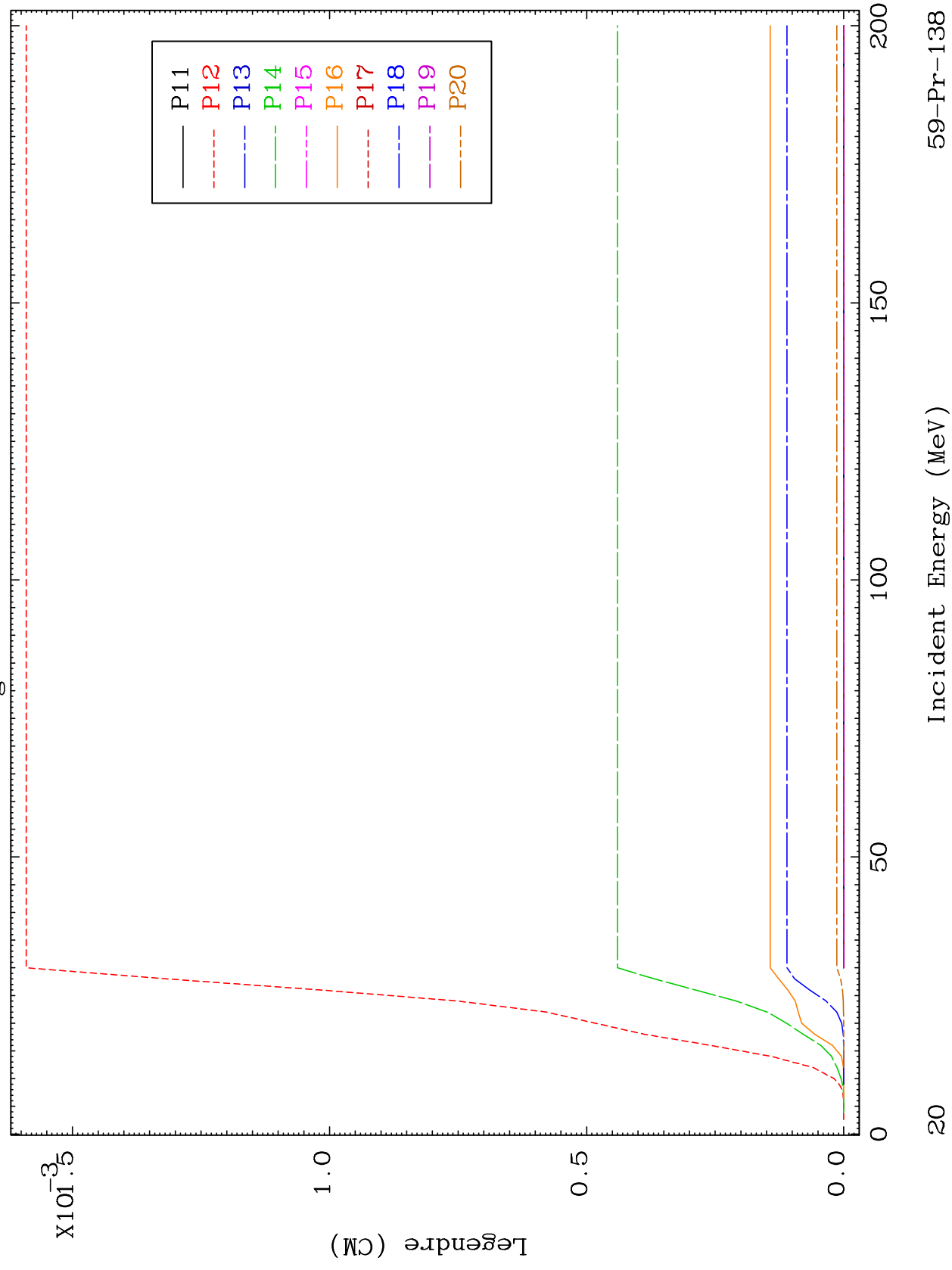
59-Pr-138

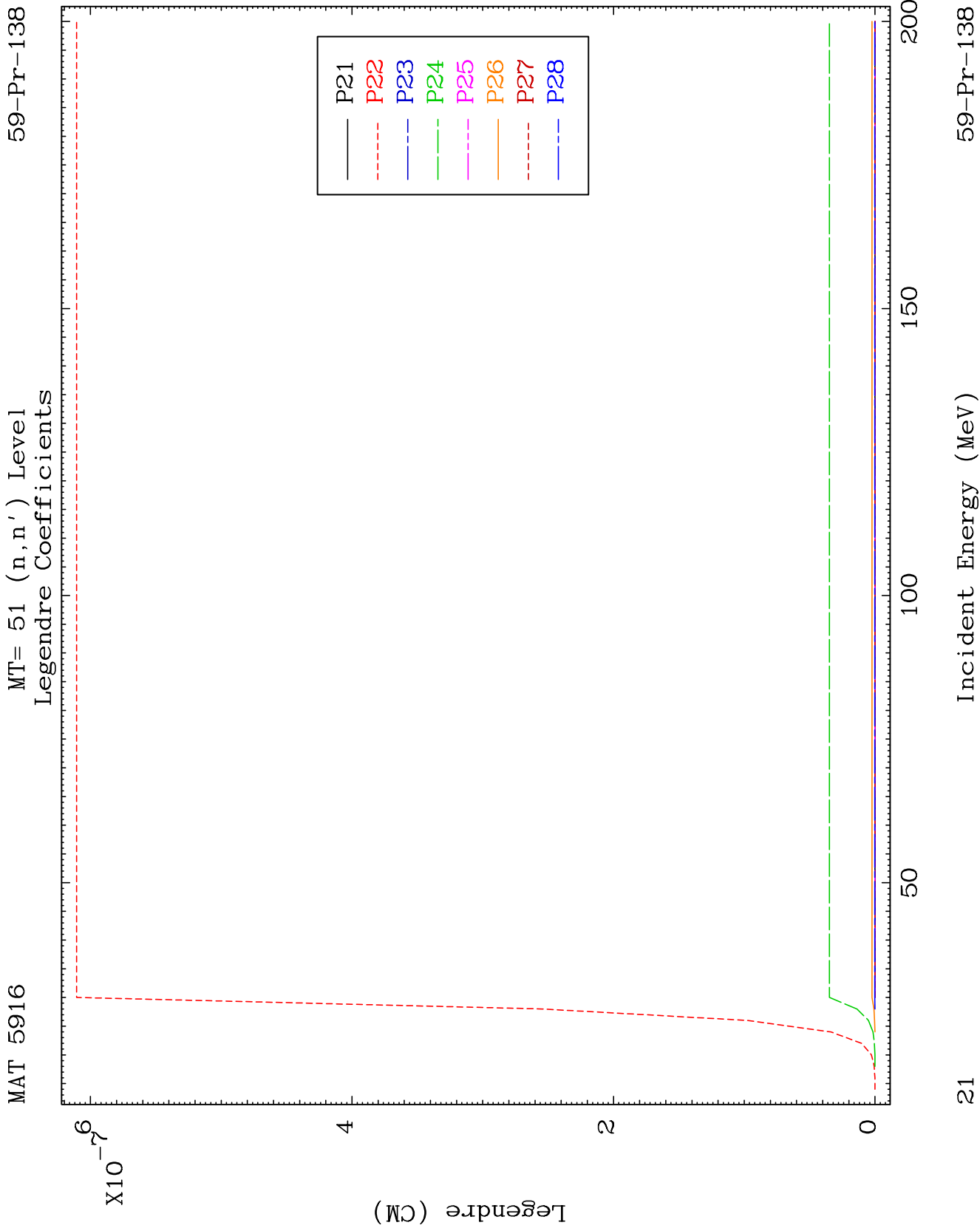


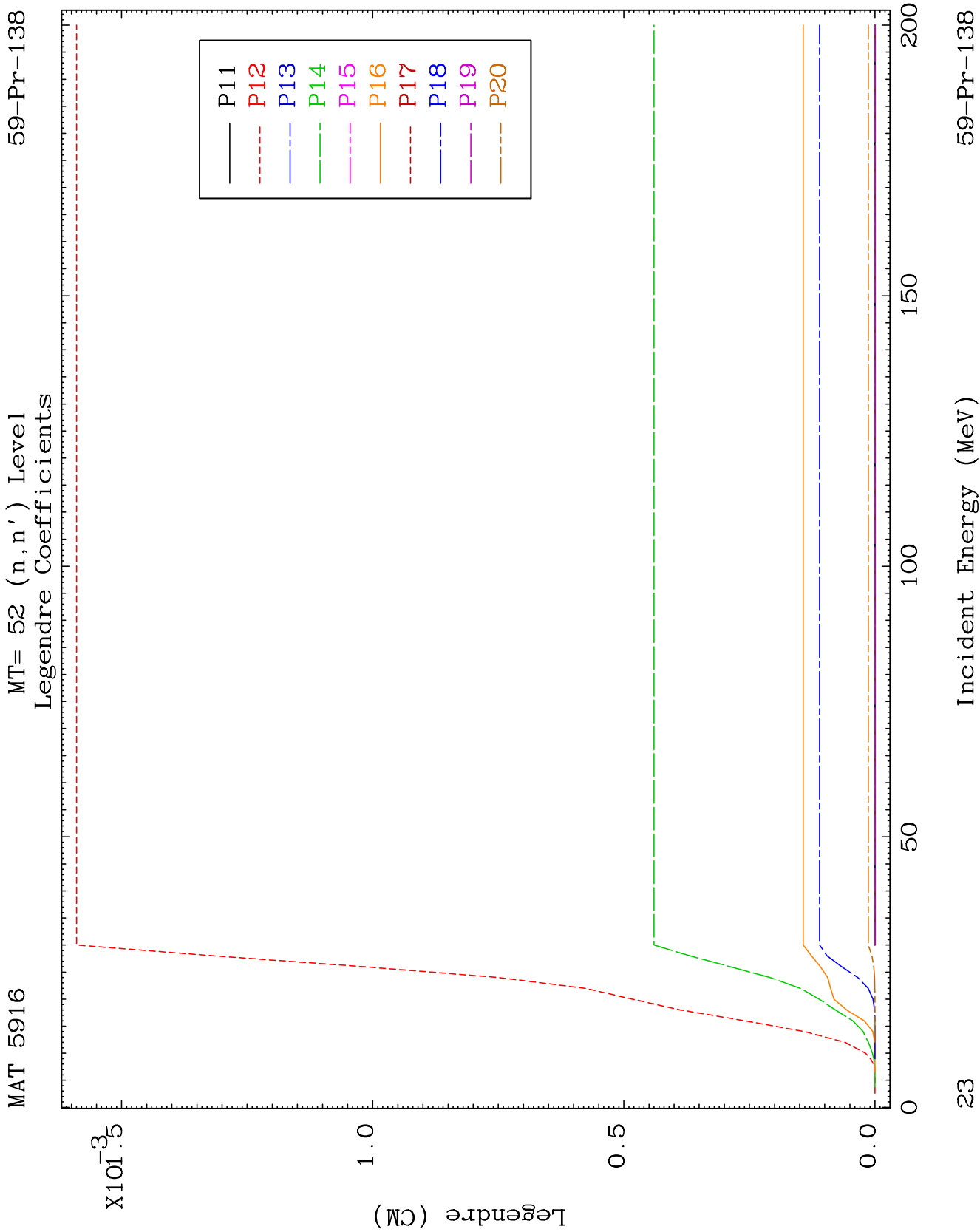
MAT 5916

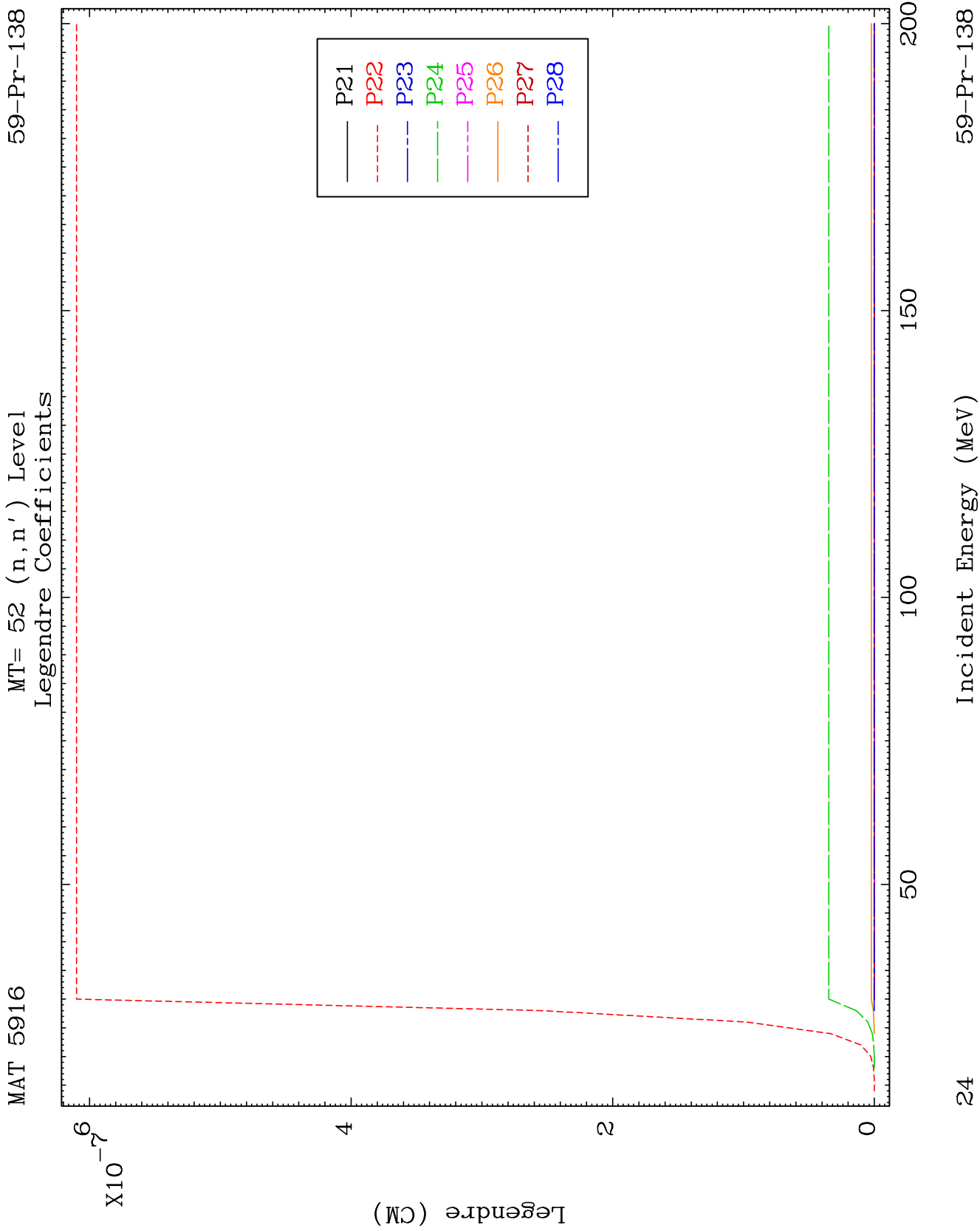
MT= 51 (n, n') Level
Legendre Coefficients

59-Pr-138





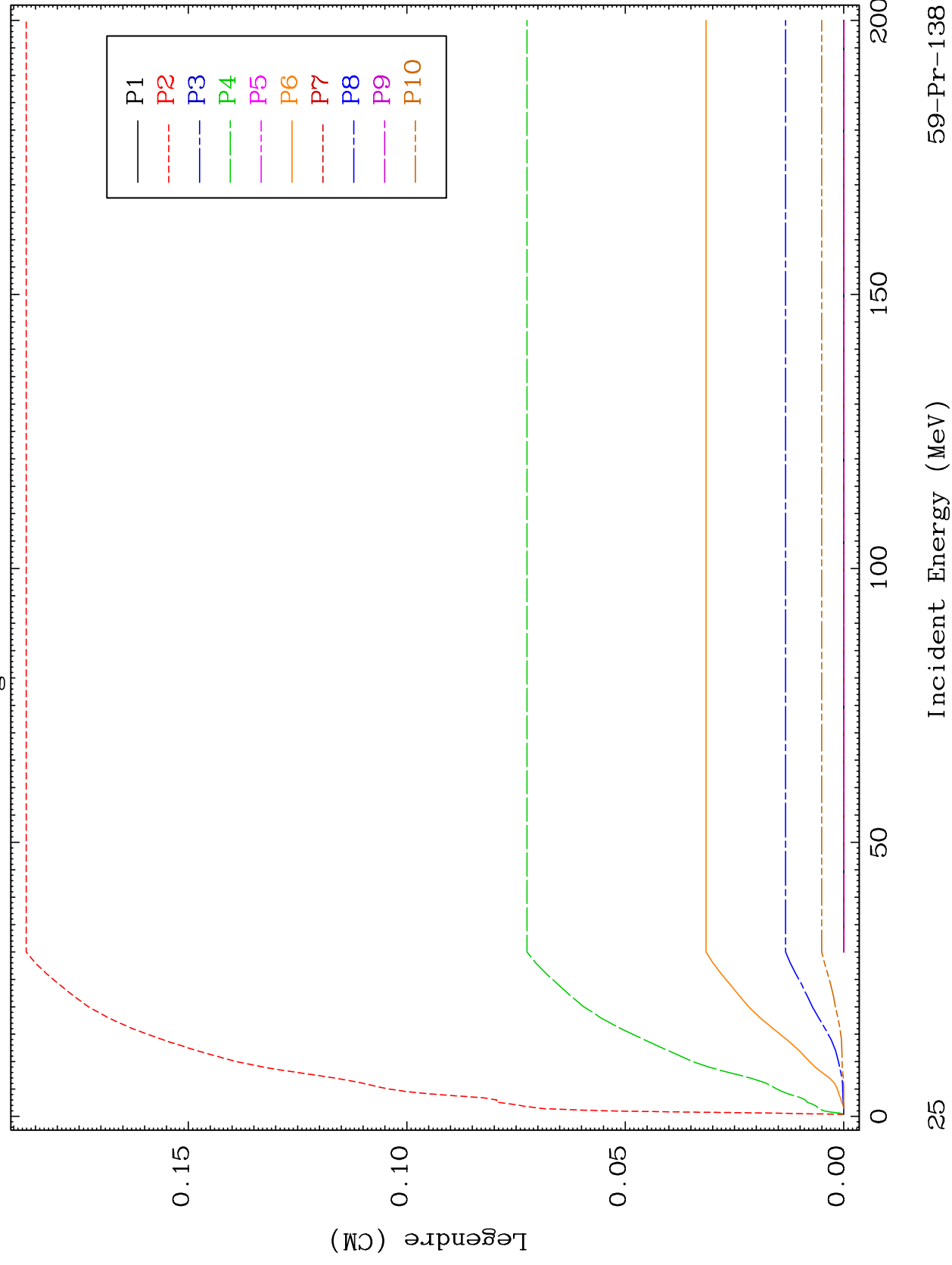


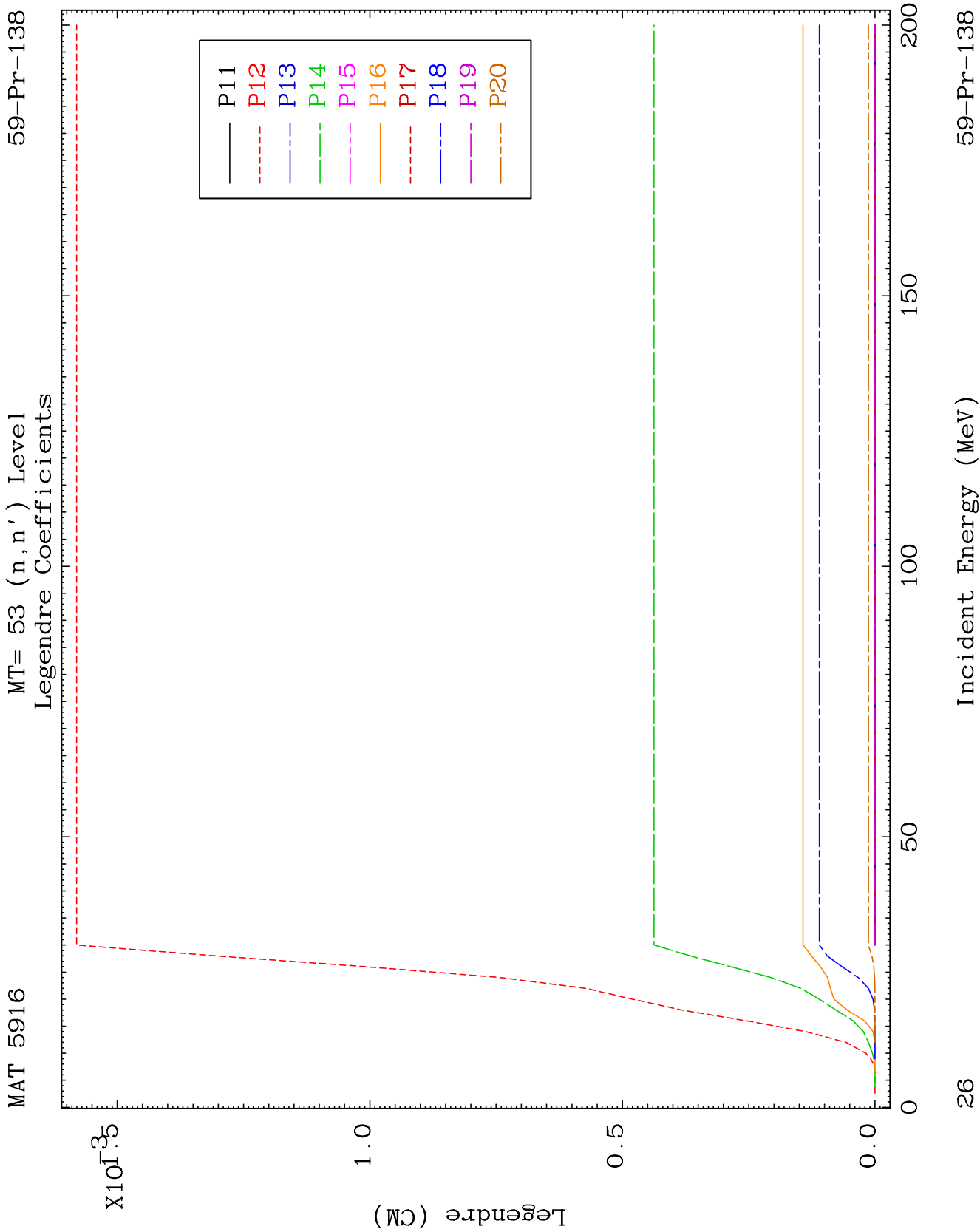


MAT 5916

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

59-Pr-138

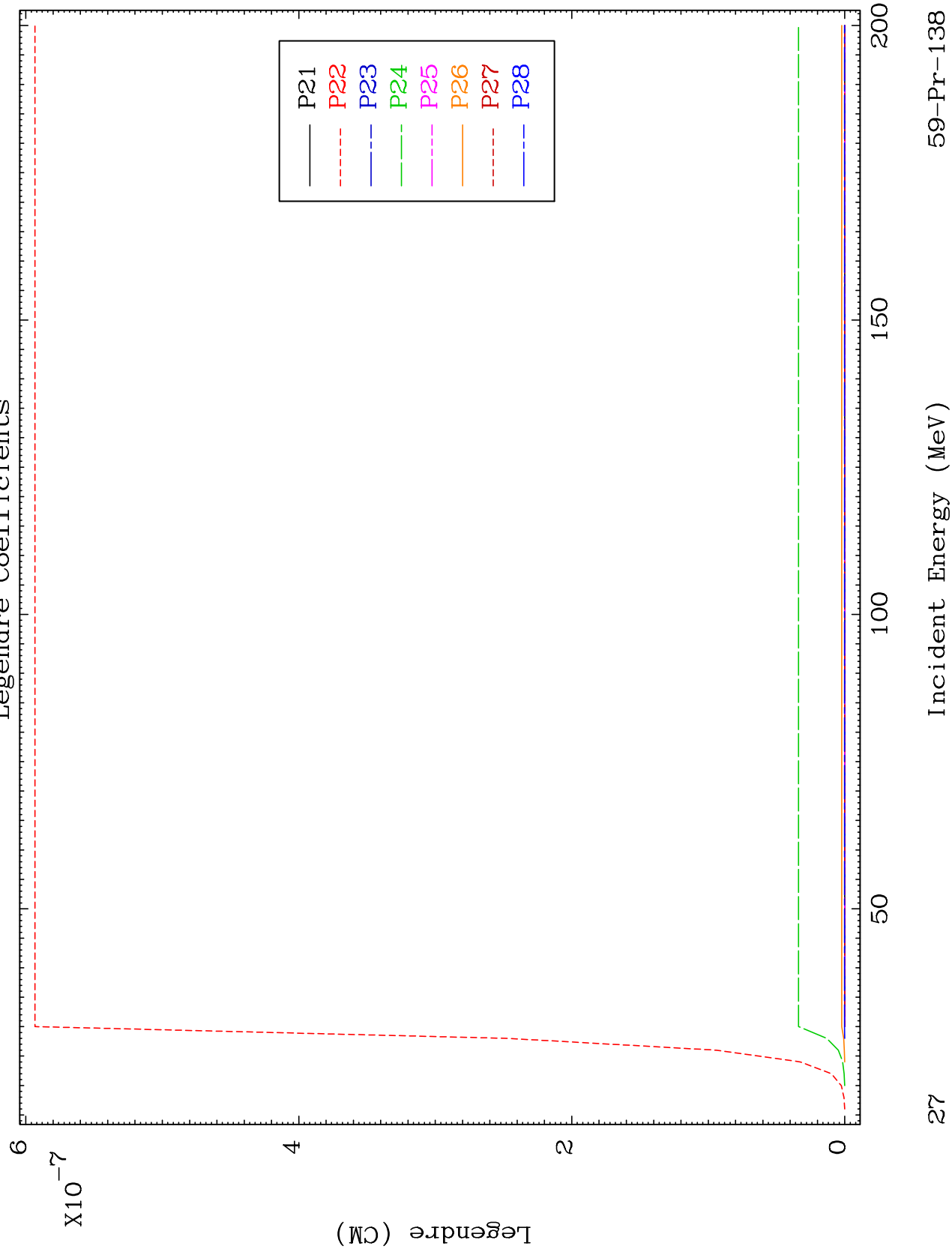




MAT 5916

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

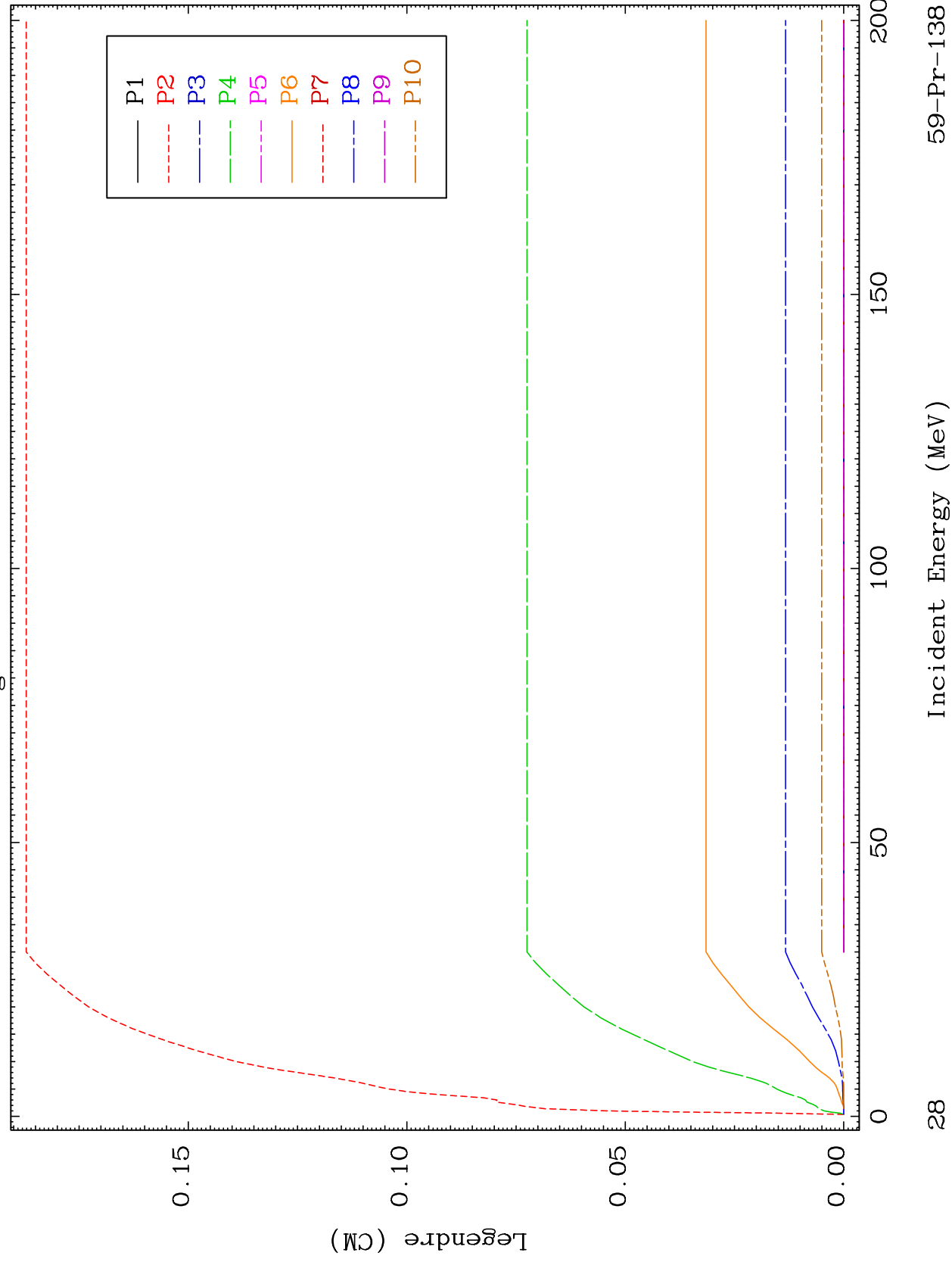
59-Pr-138

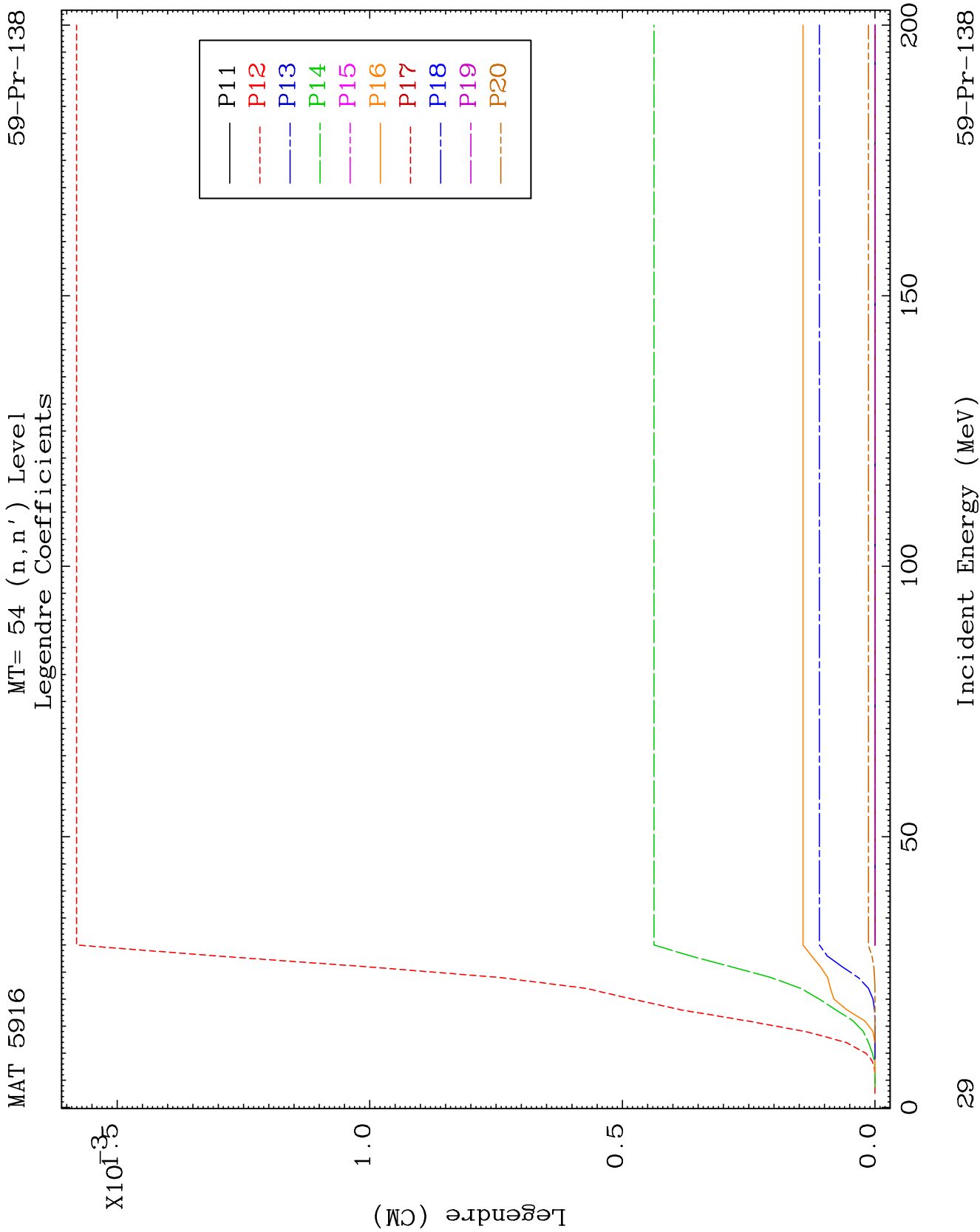


MAT 5916

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

59-Pr-138

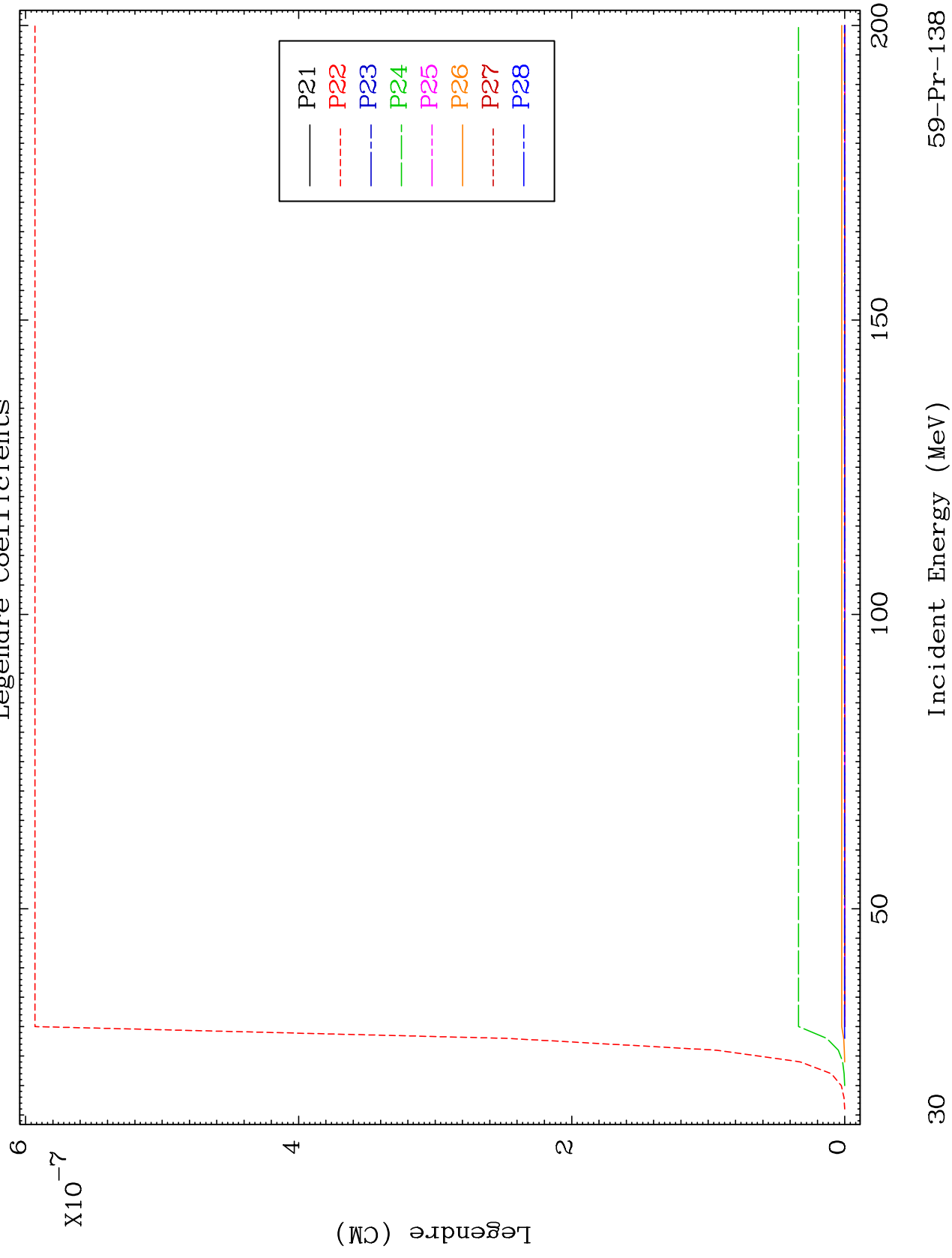




MAT 5916

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

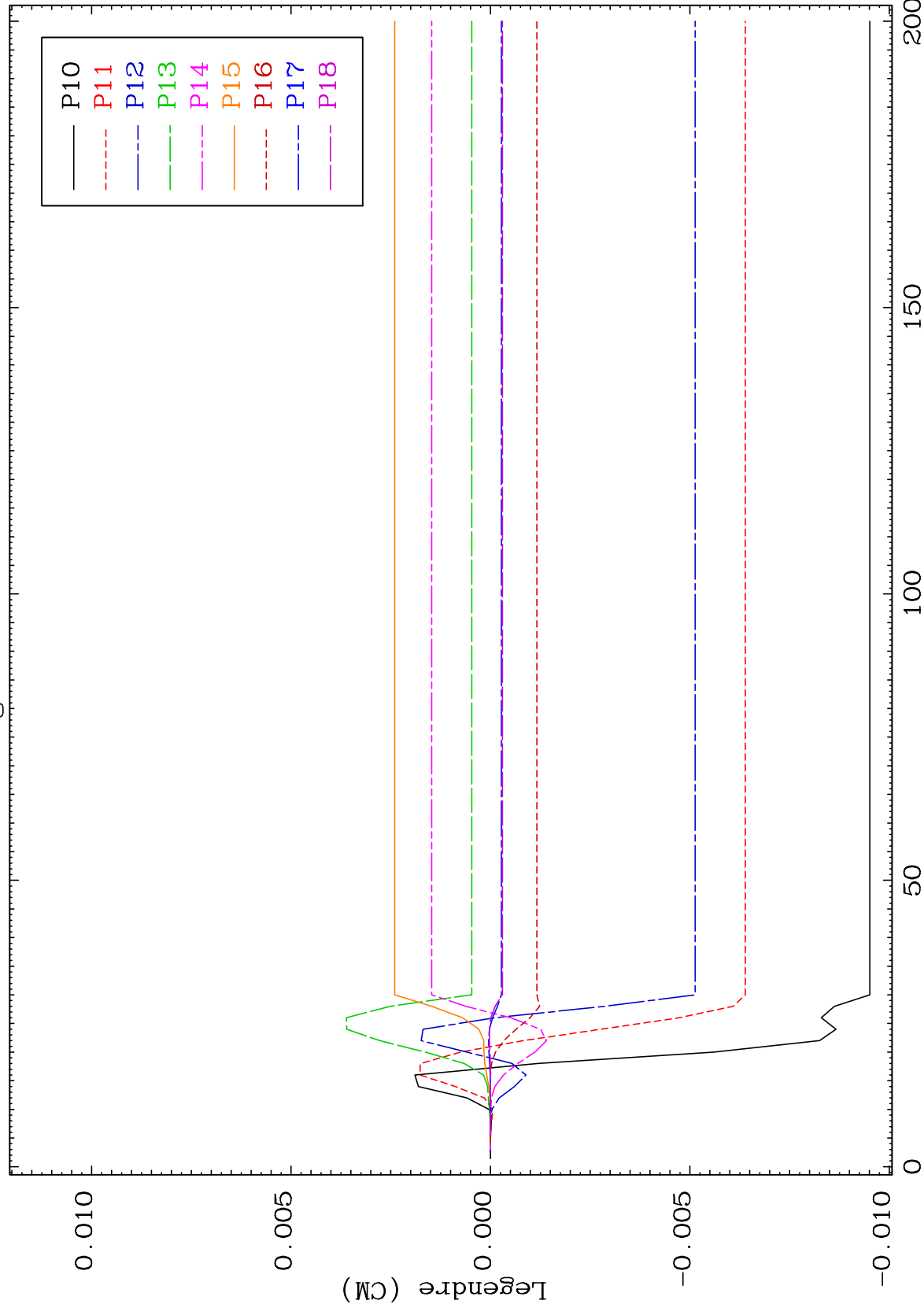
59-Pr-138



MAT 5916

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

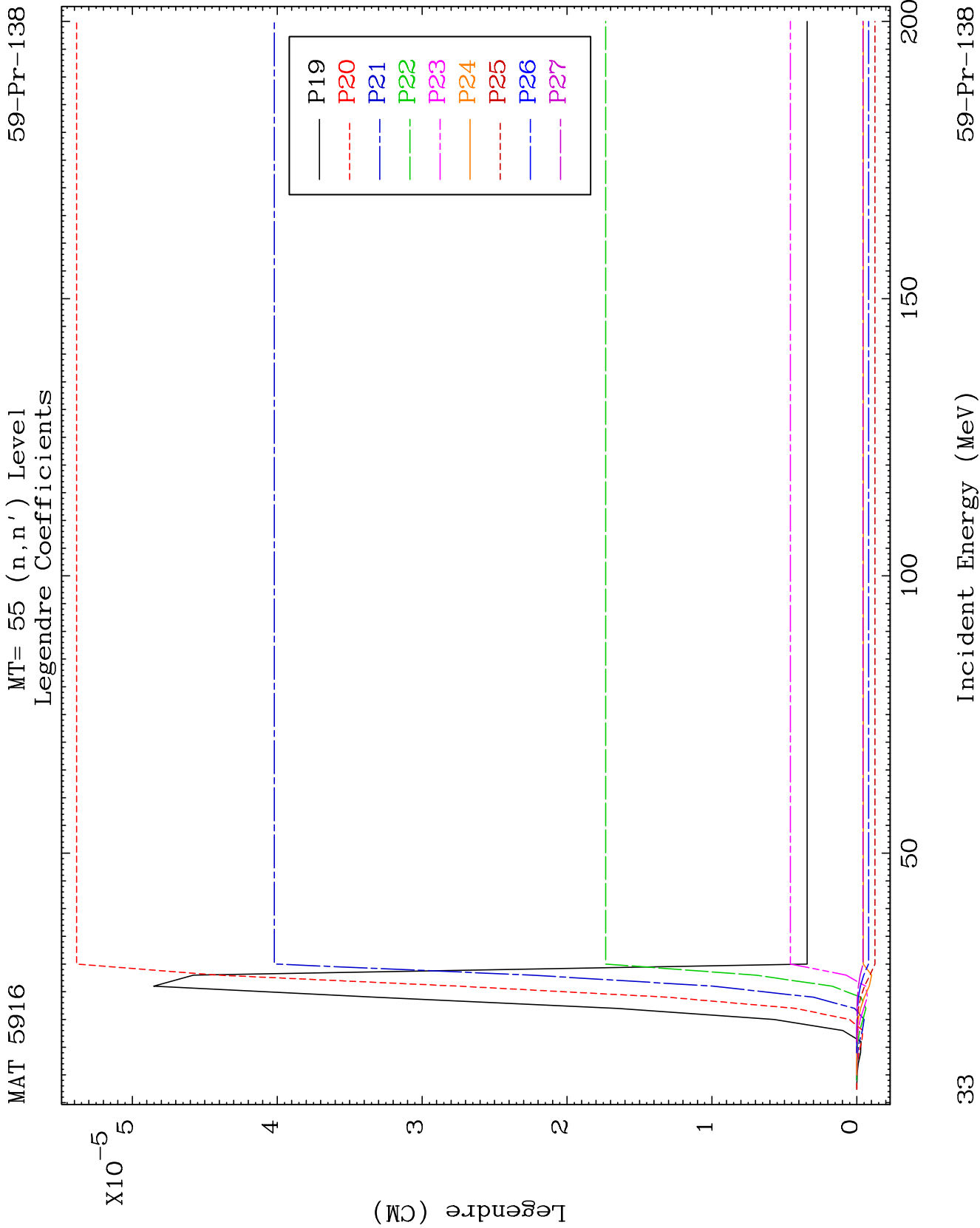
59-Pr-138

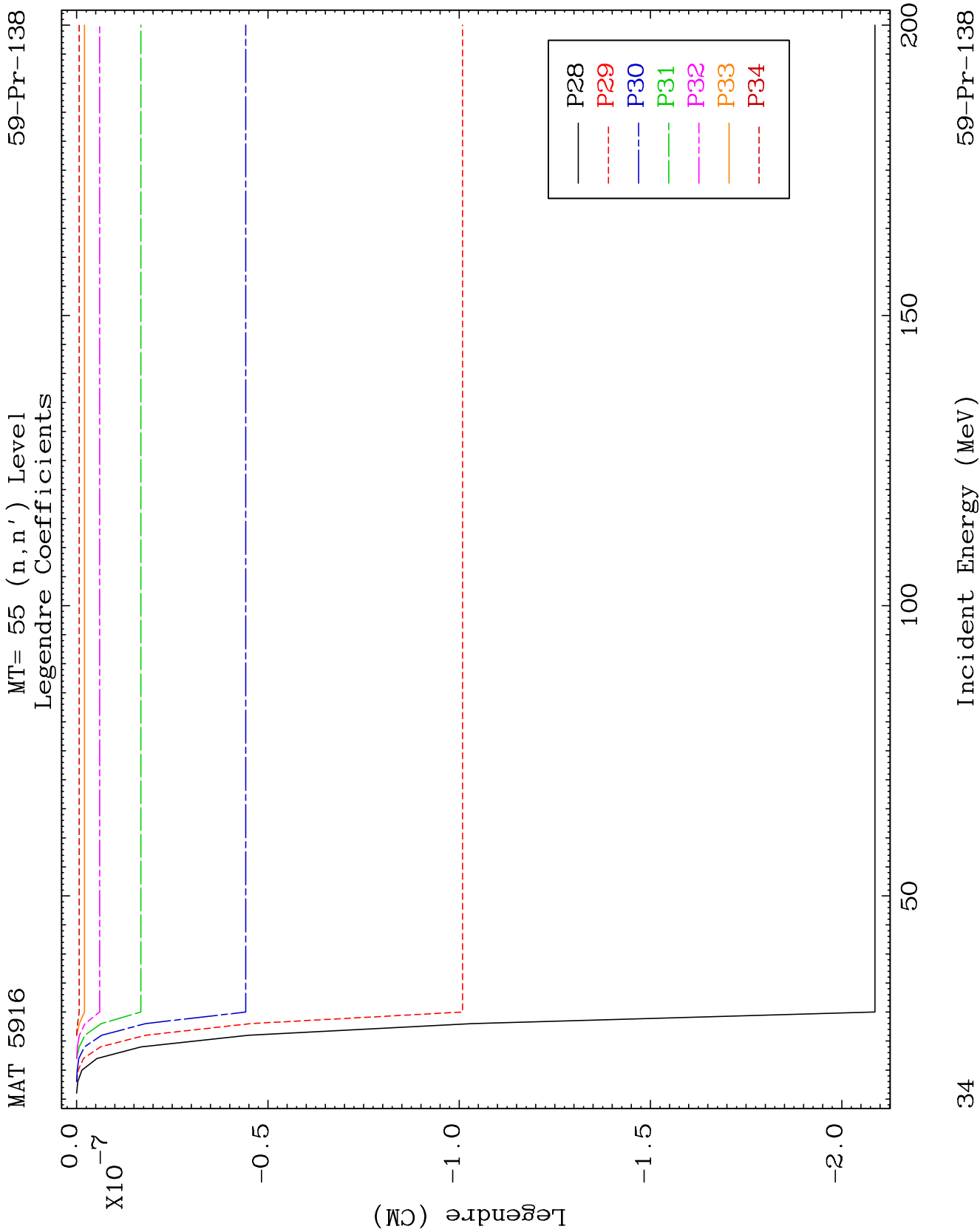


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Incident Energy (MeV)

59-Pr-138

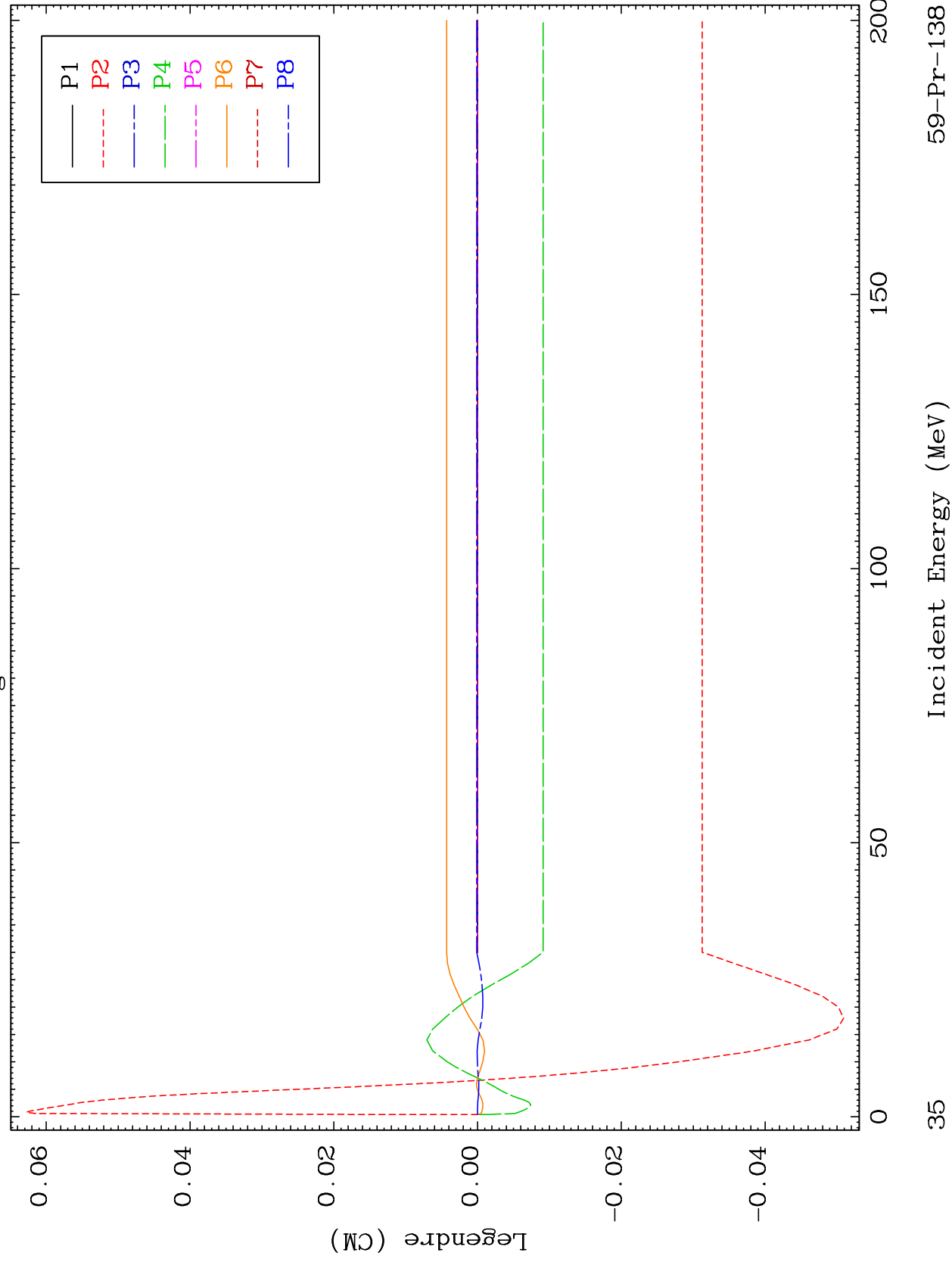


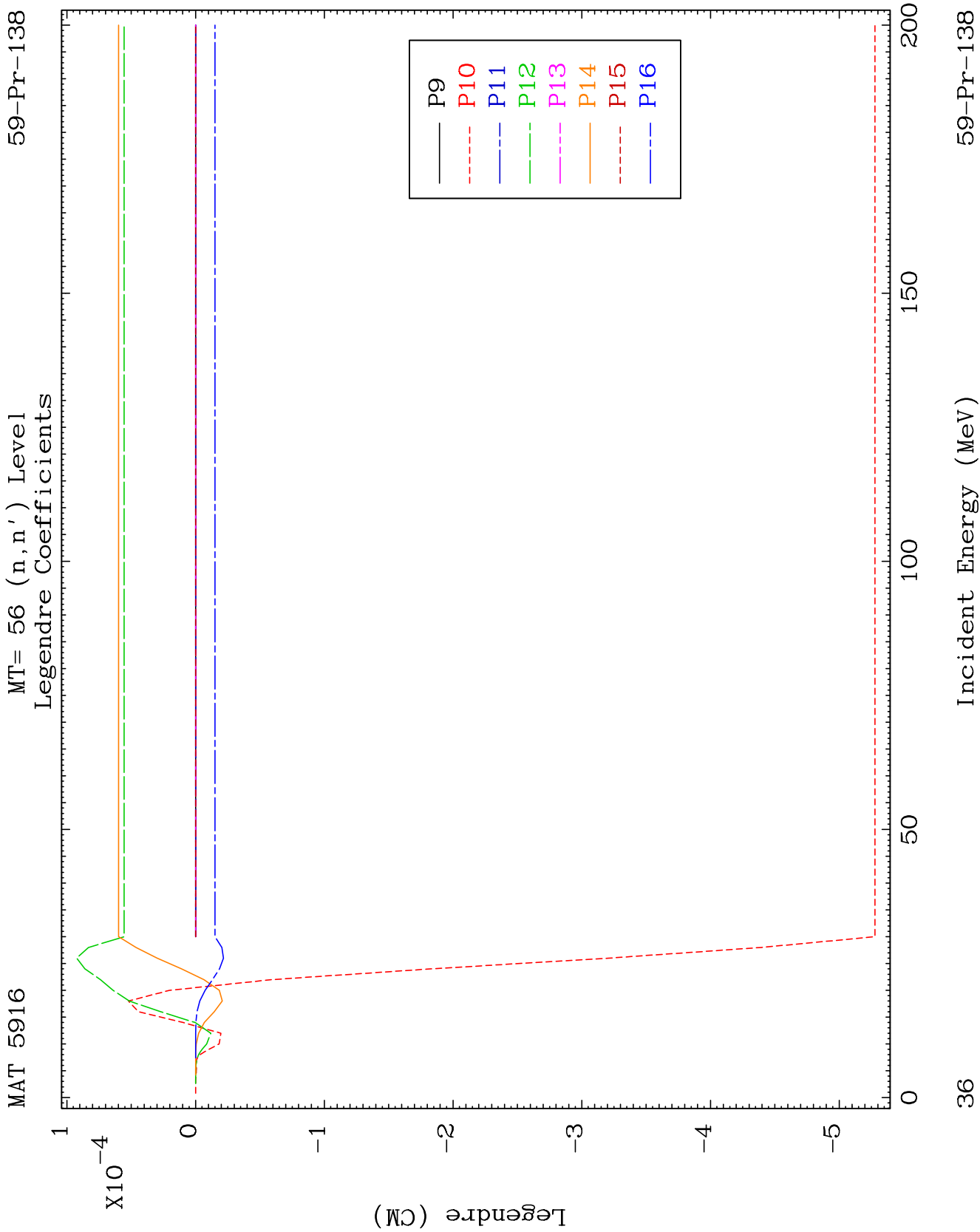


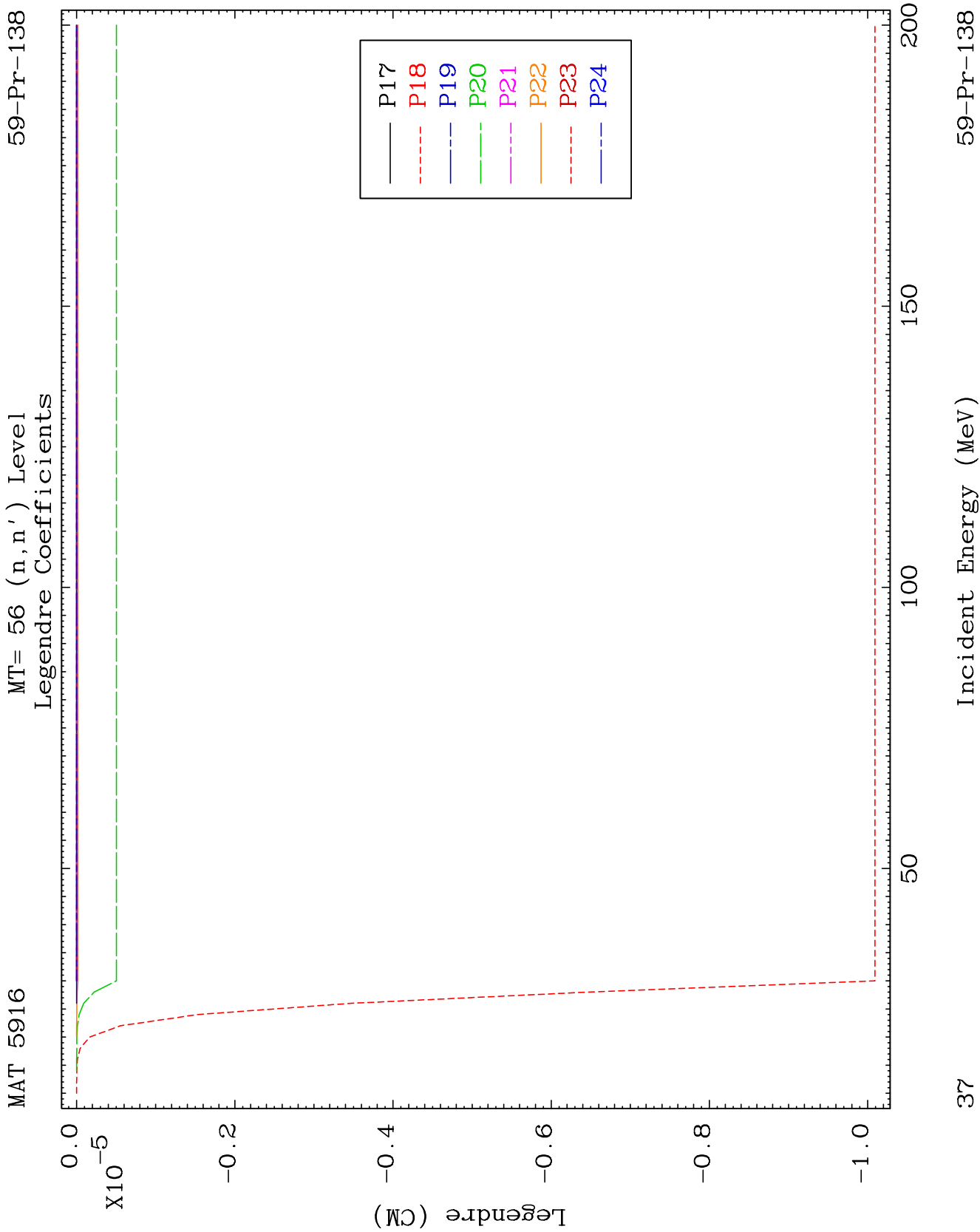
MAT 5916

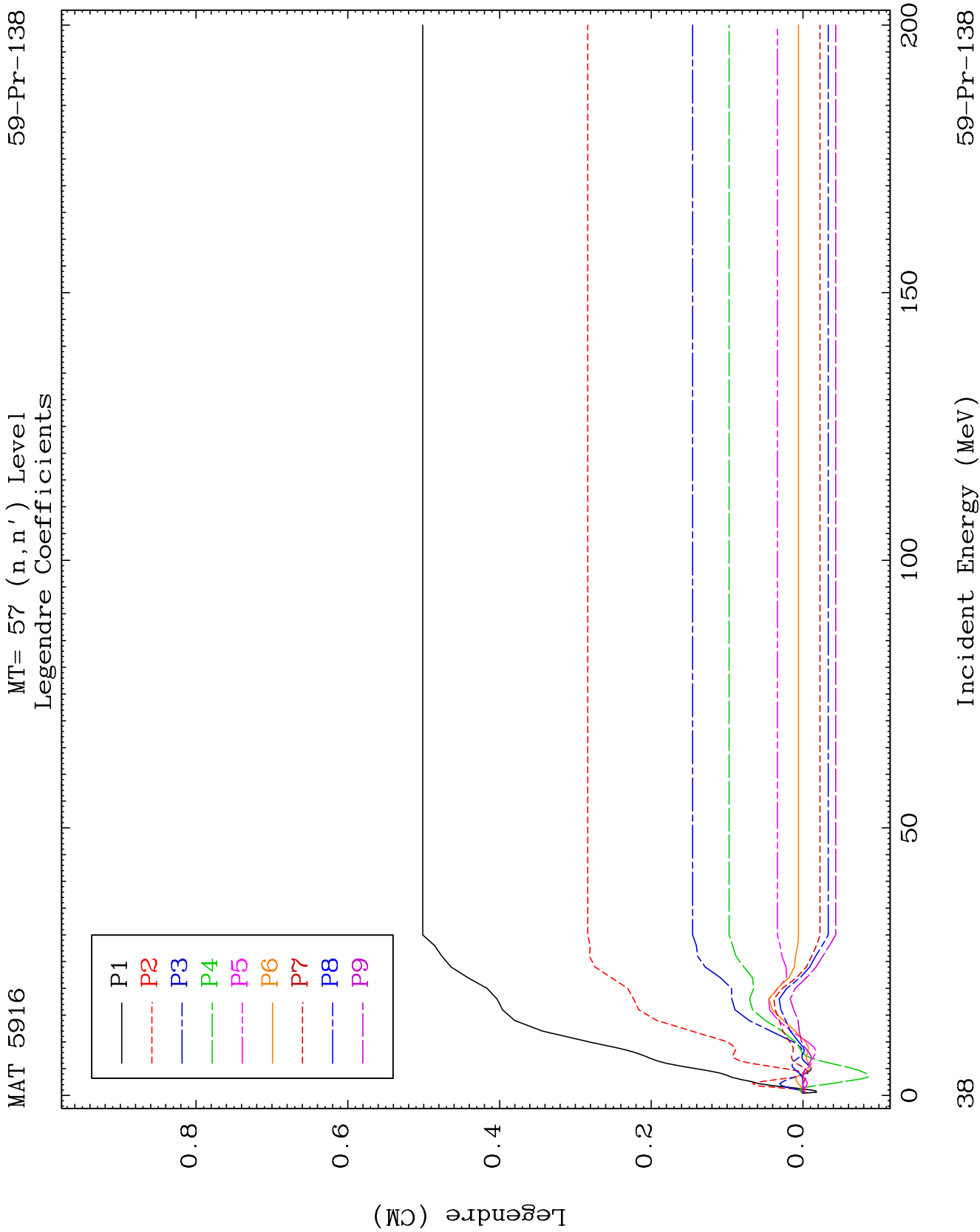
MT= 56 (n, n') Level
Legendre Coefficients

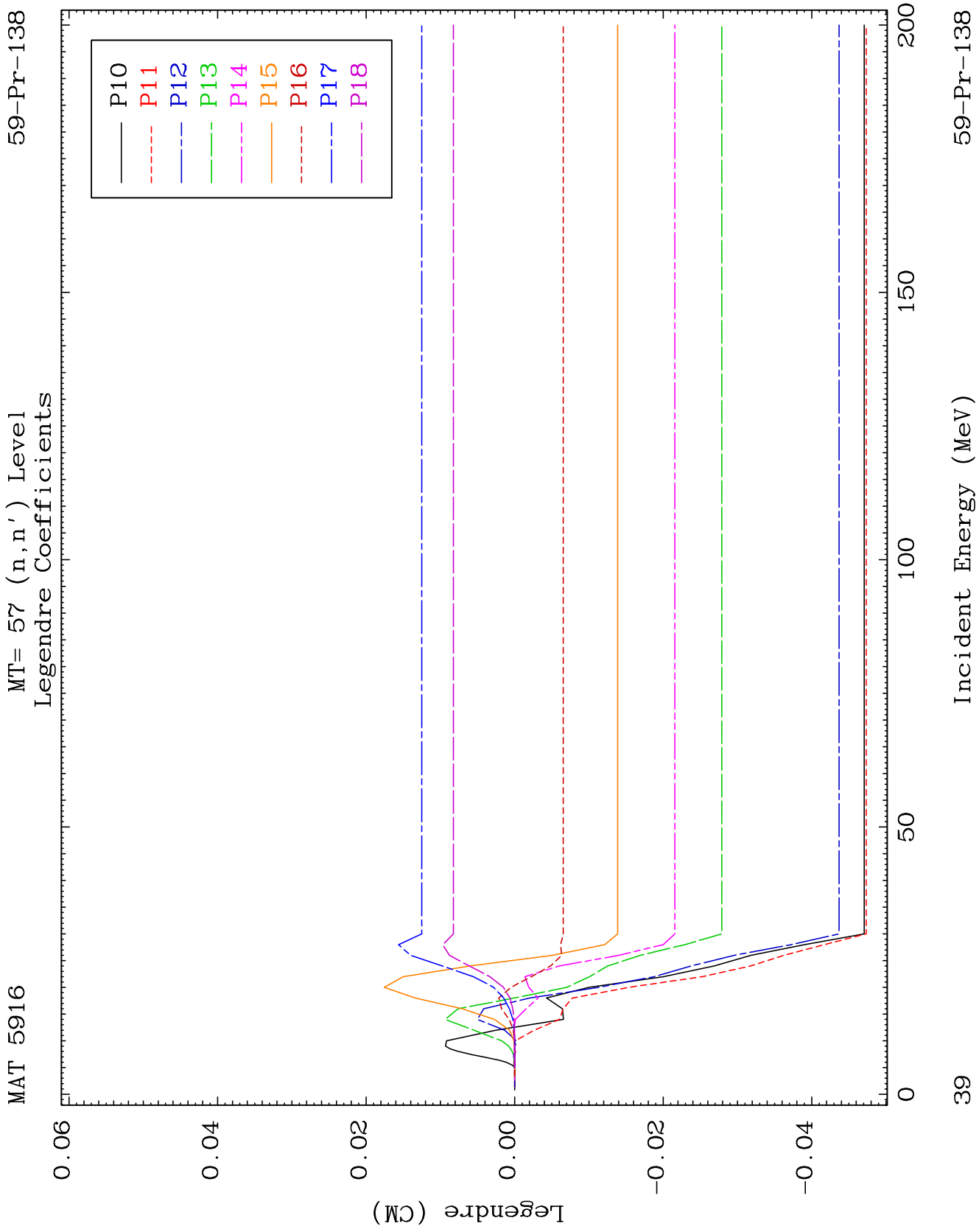
59-Pr-138







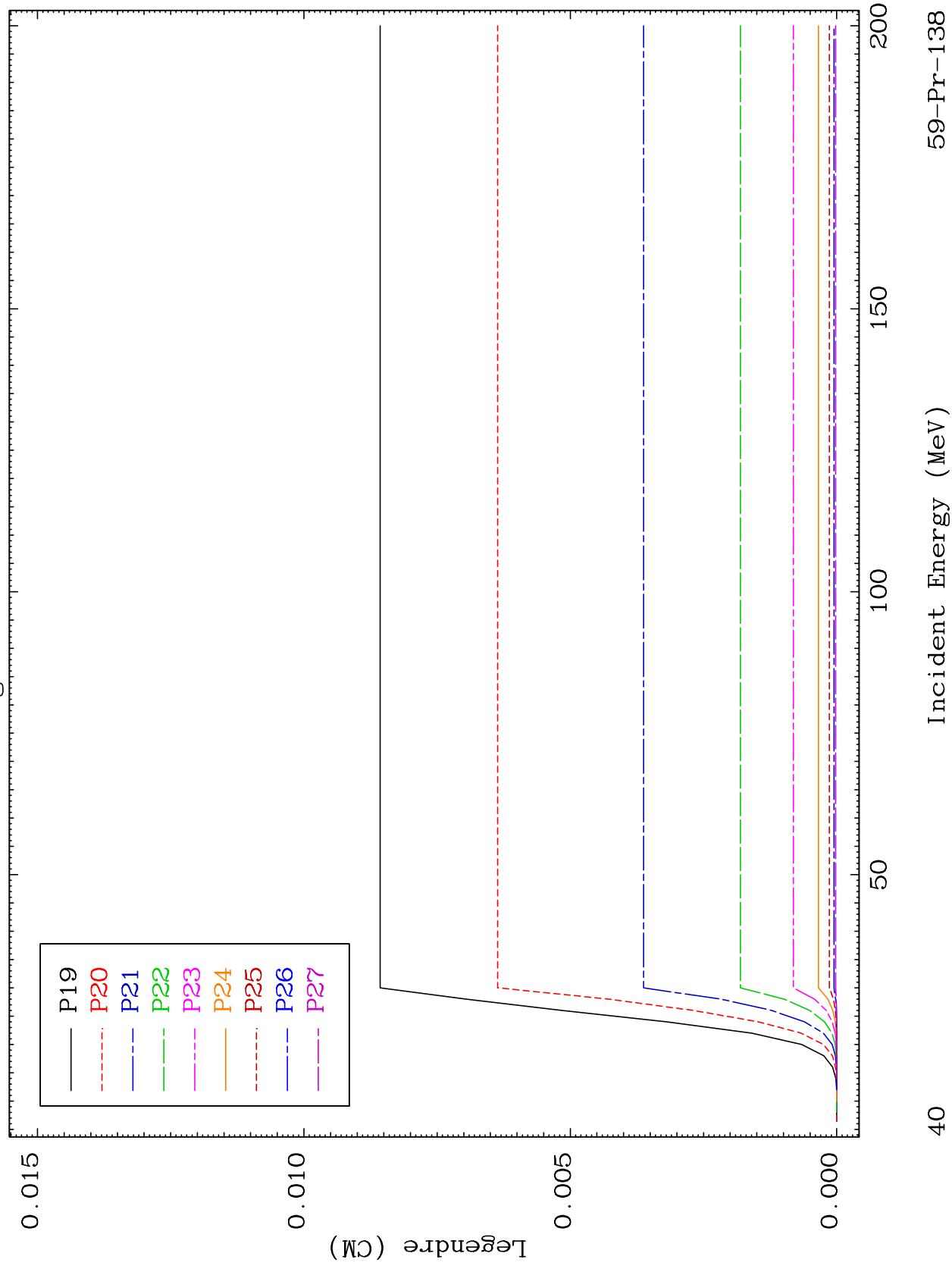


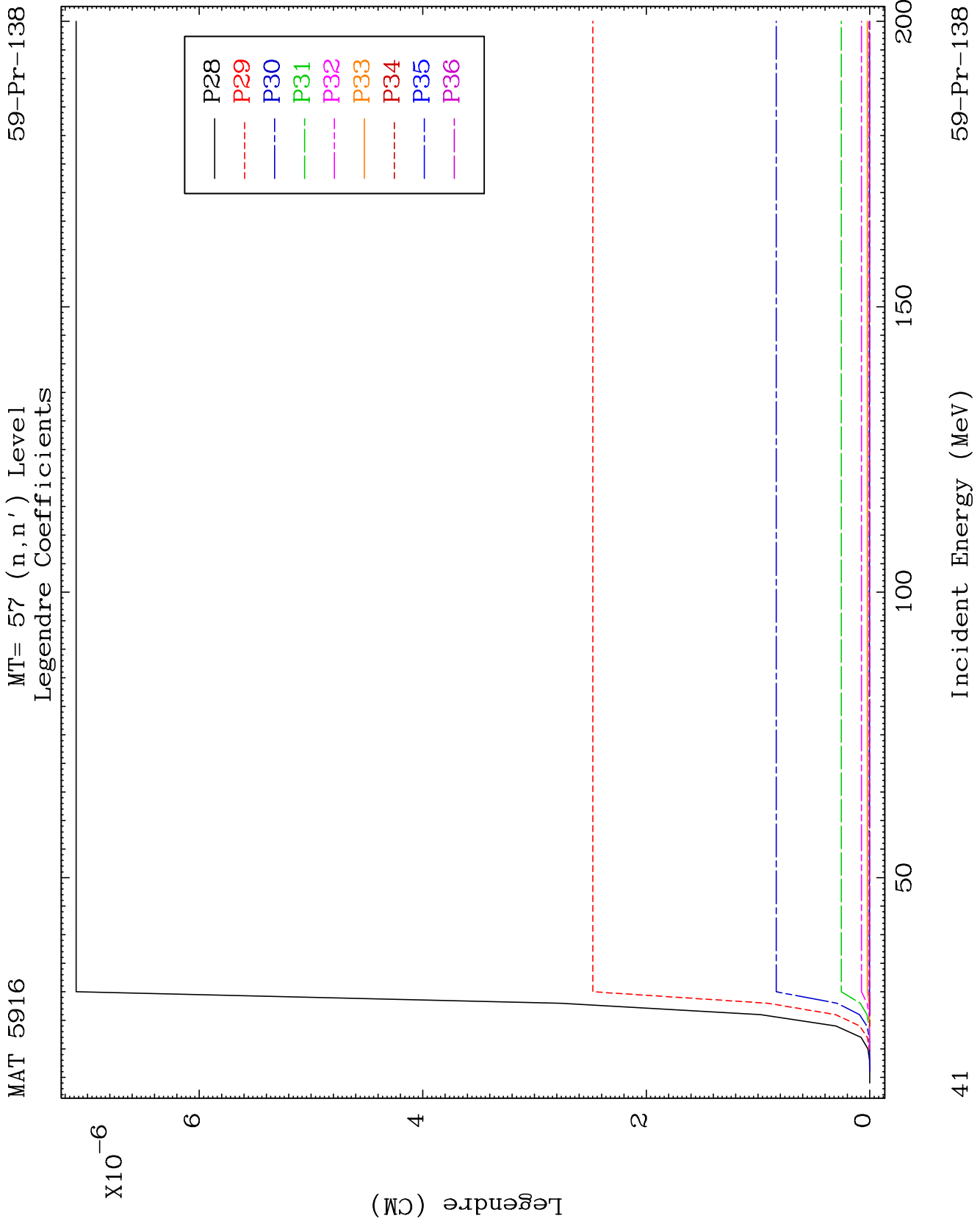


MAT 5916

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

59-Pr-138

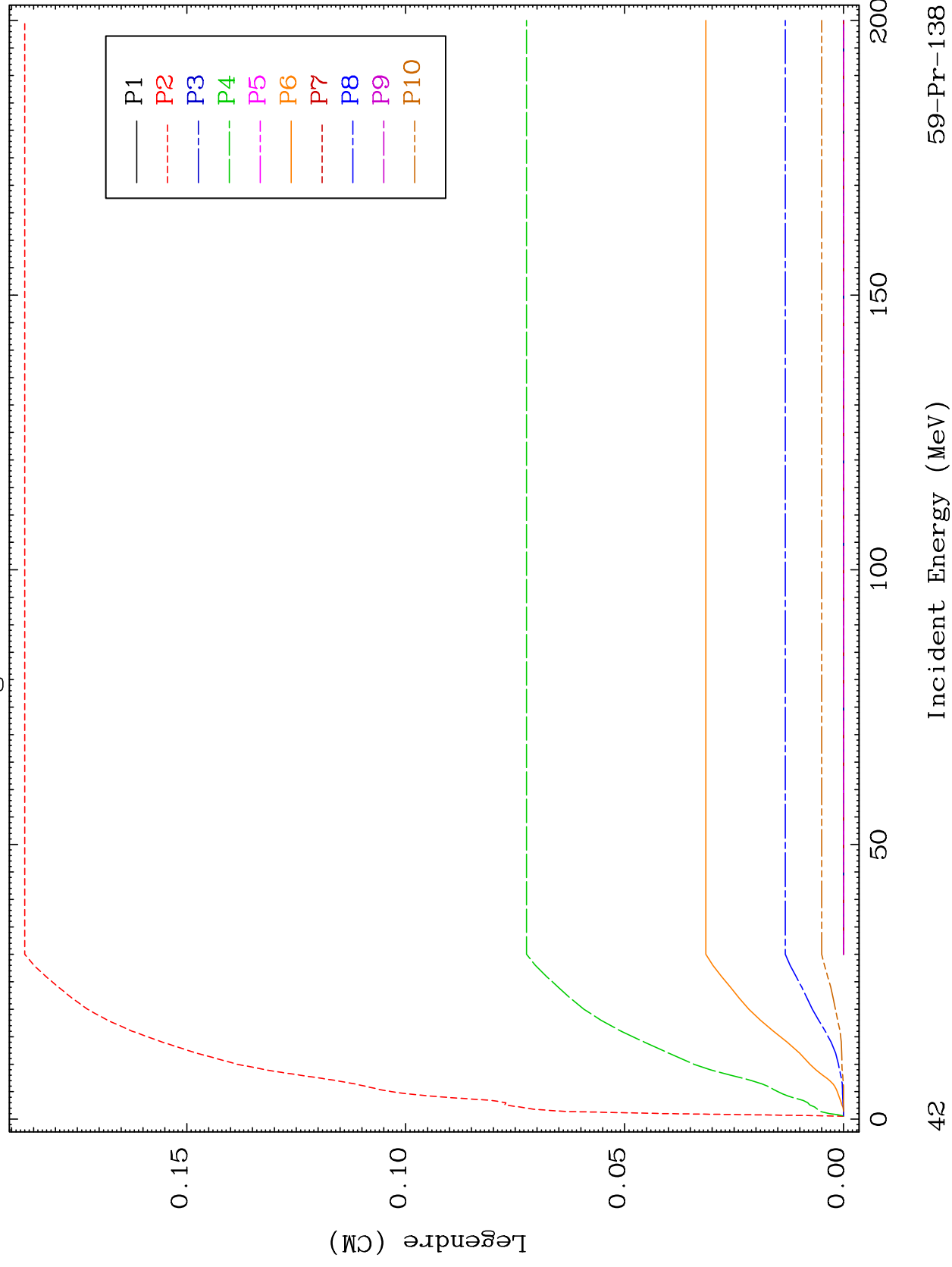


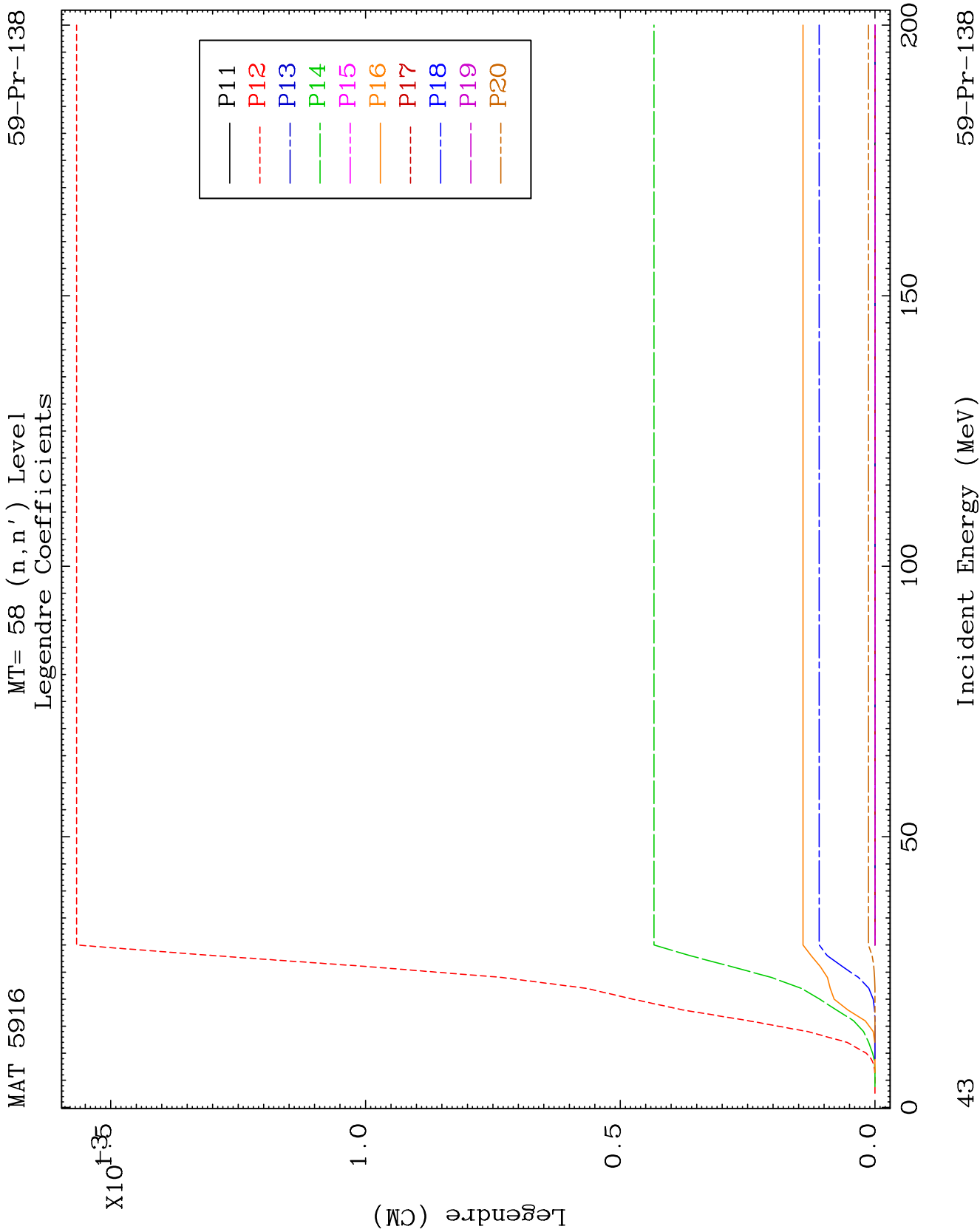


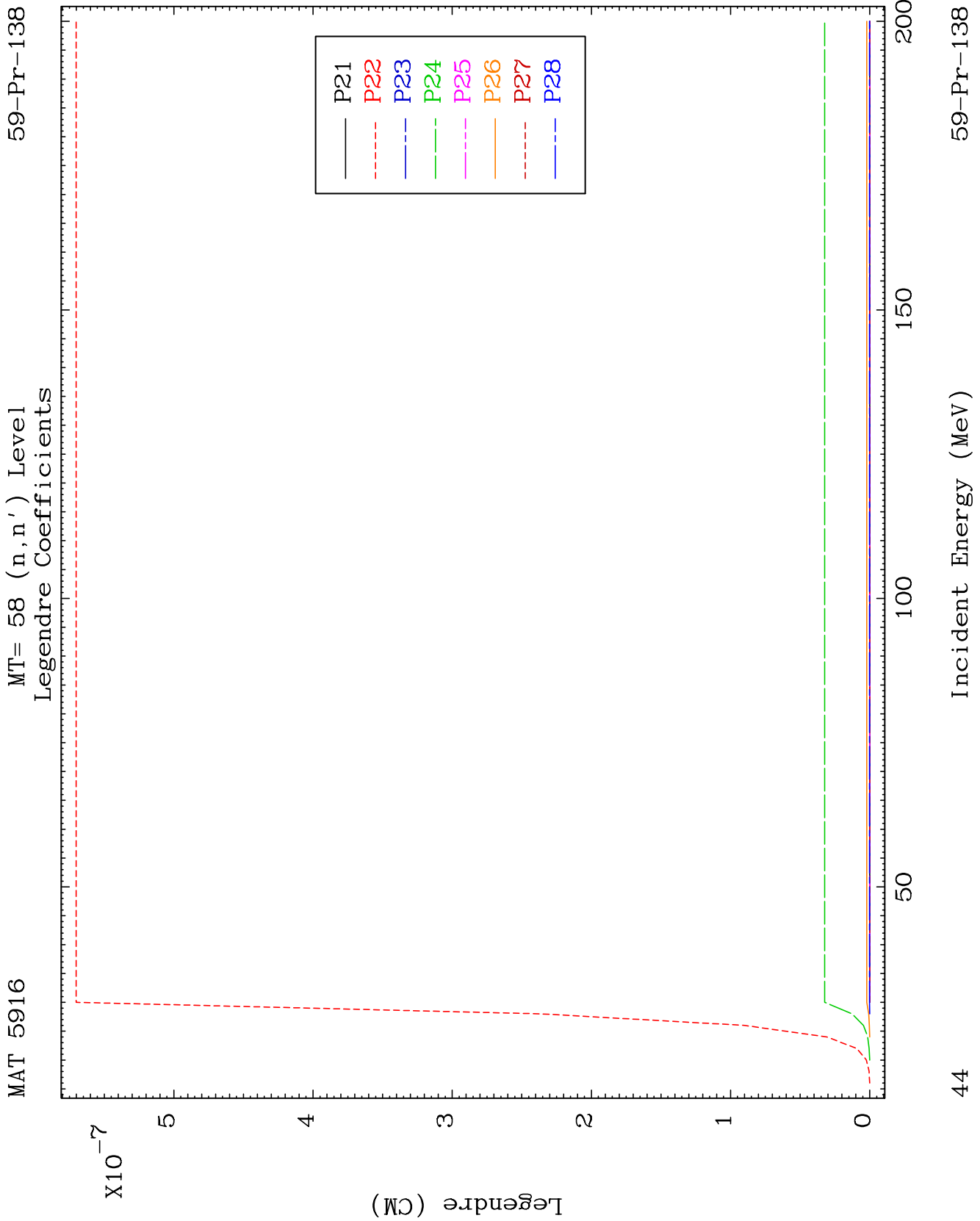
MAT 5916

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

59-Pr-138



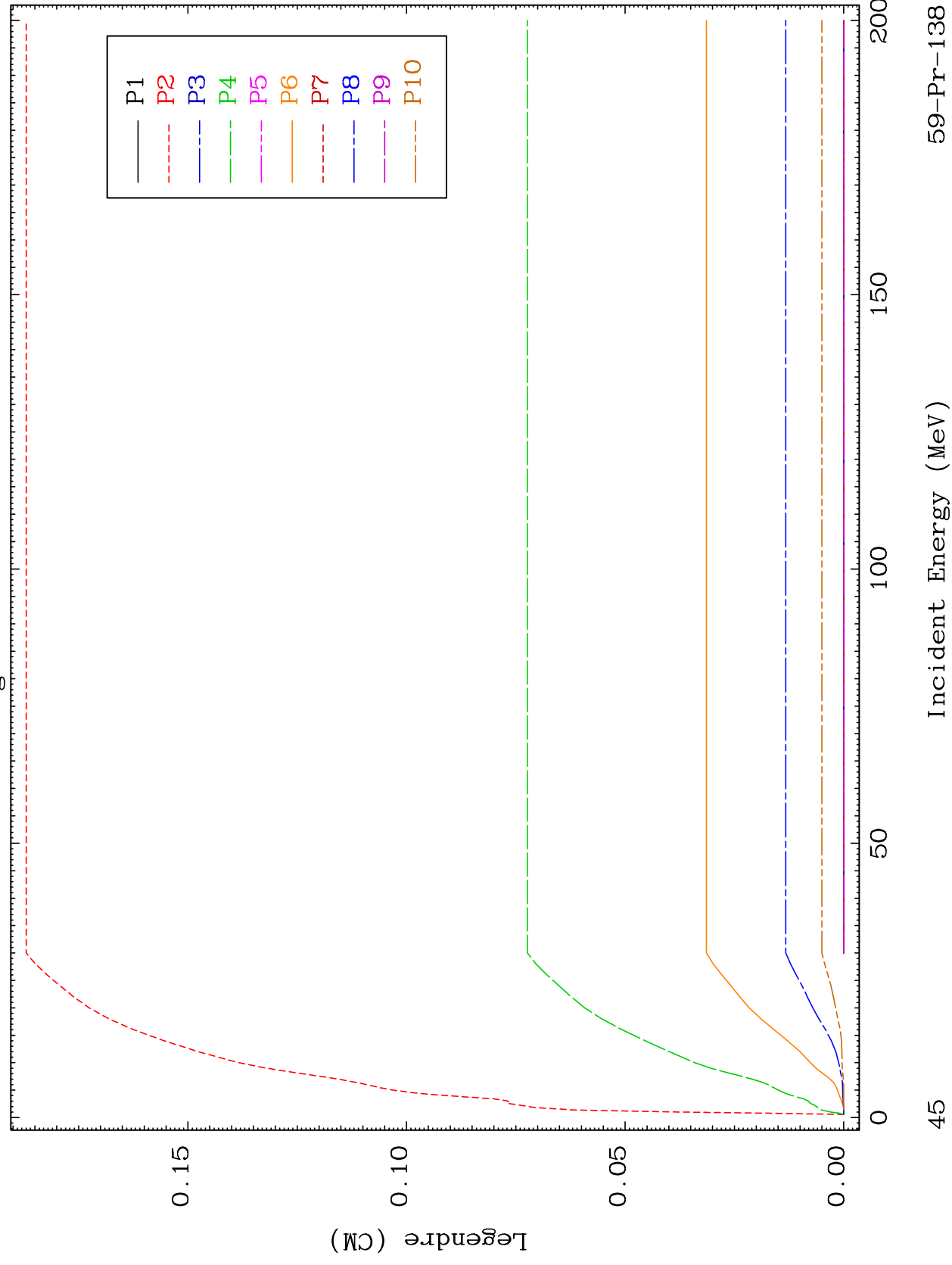


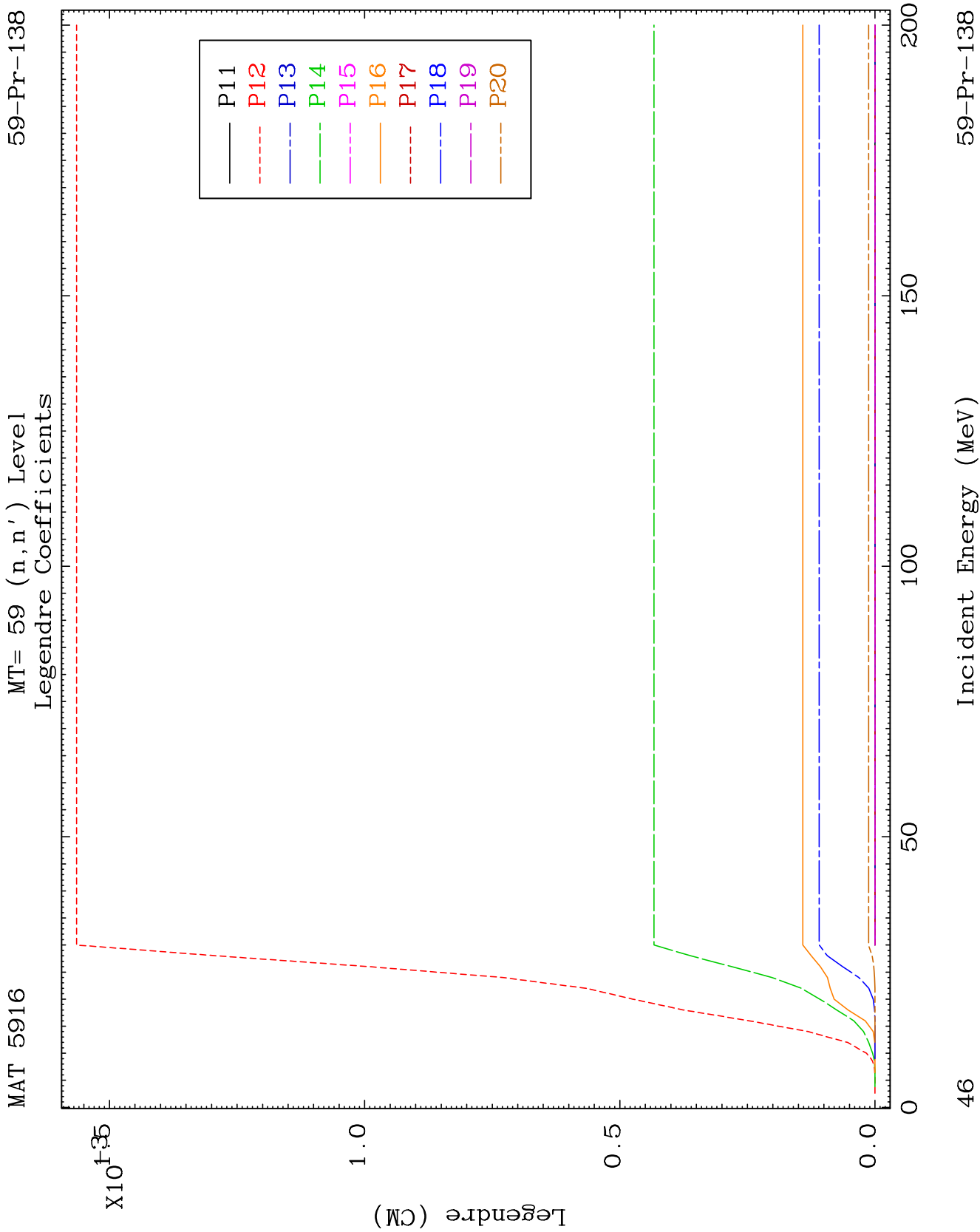


MAT 5916

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

59-Pr-138

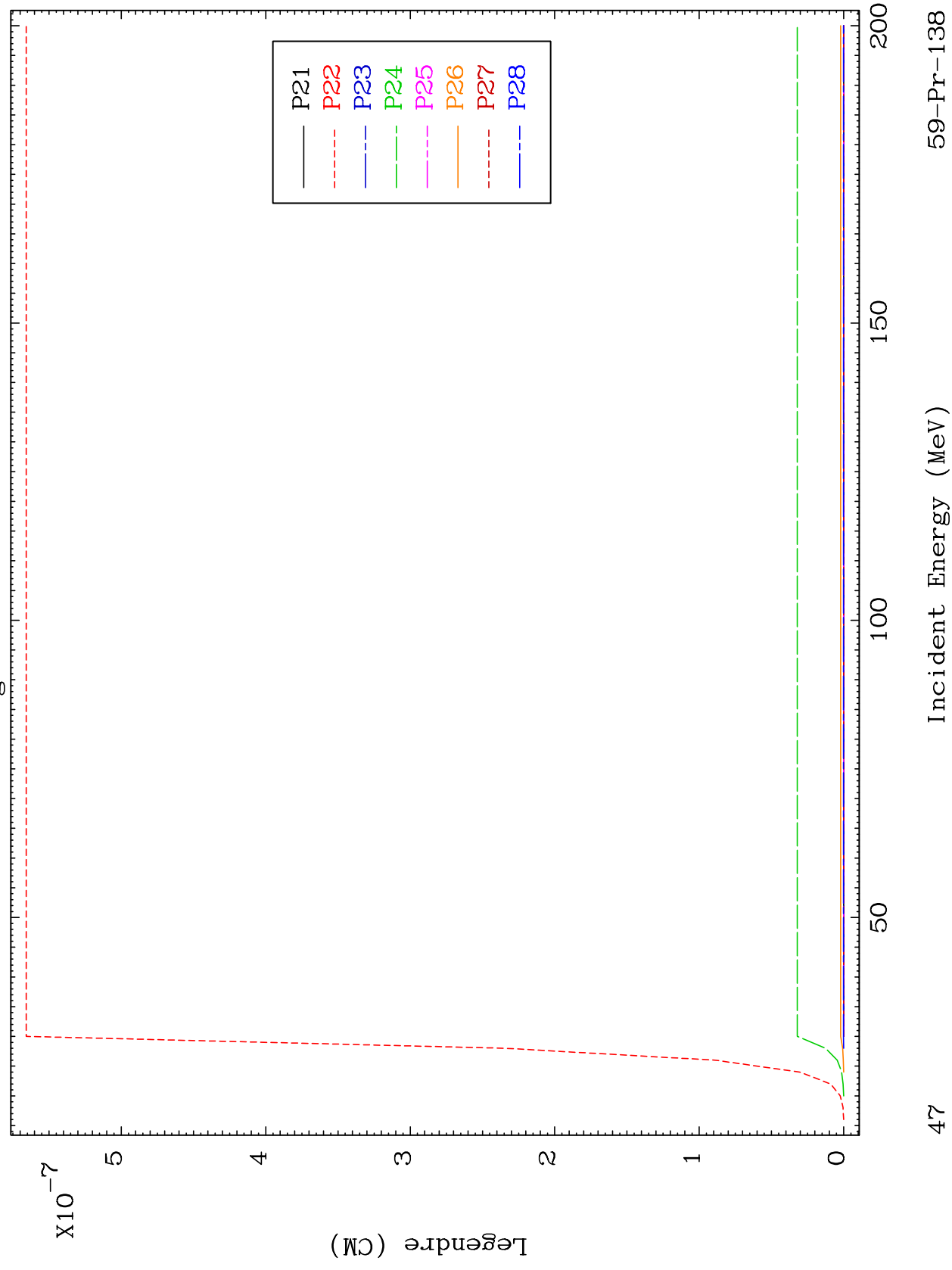


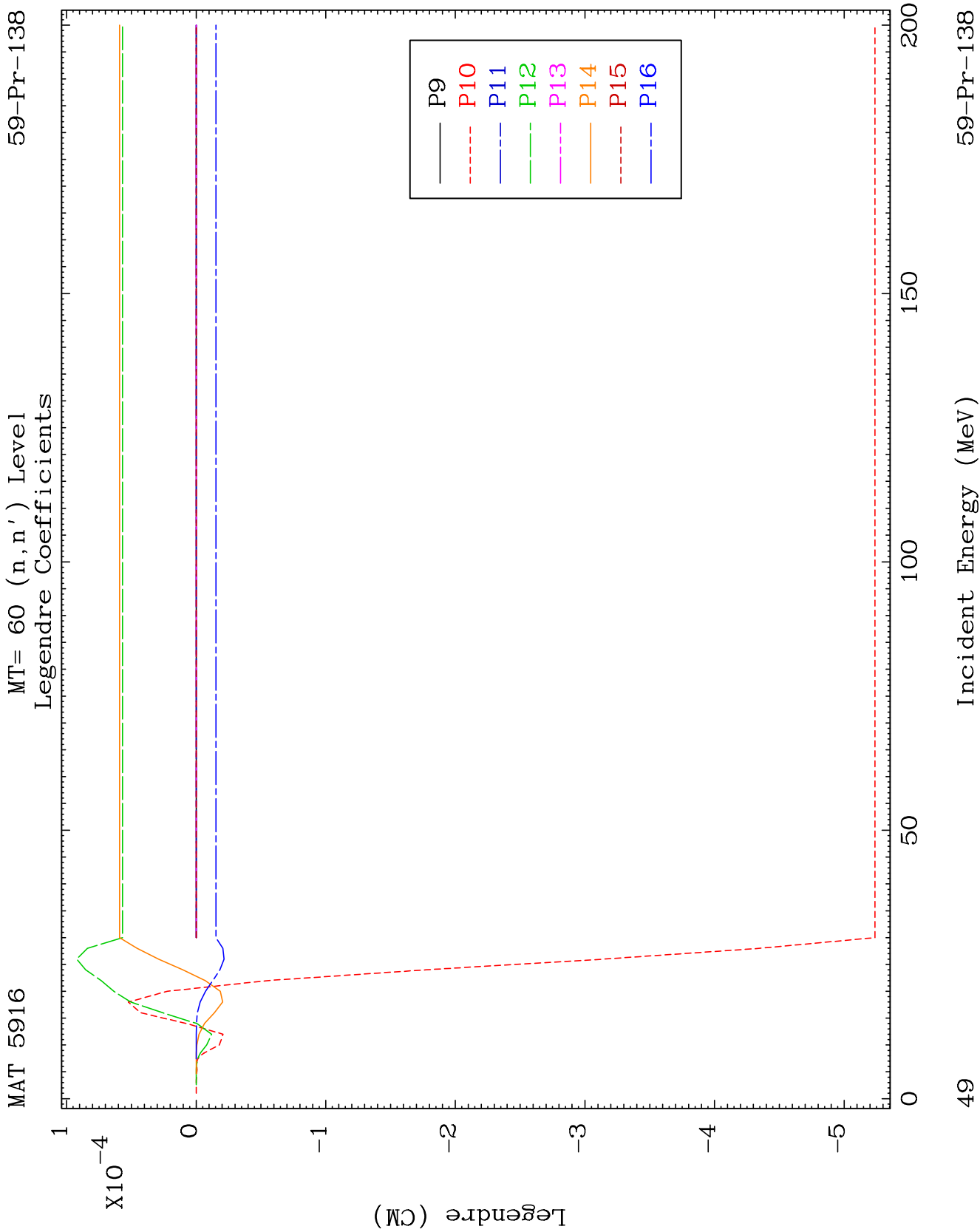


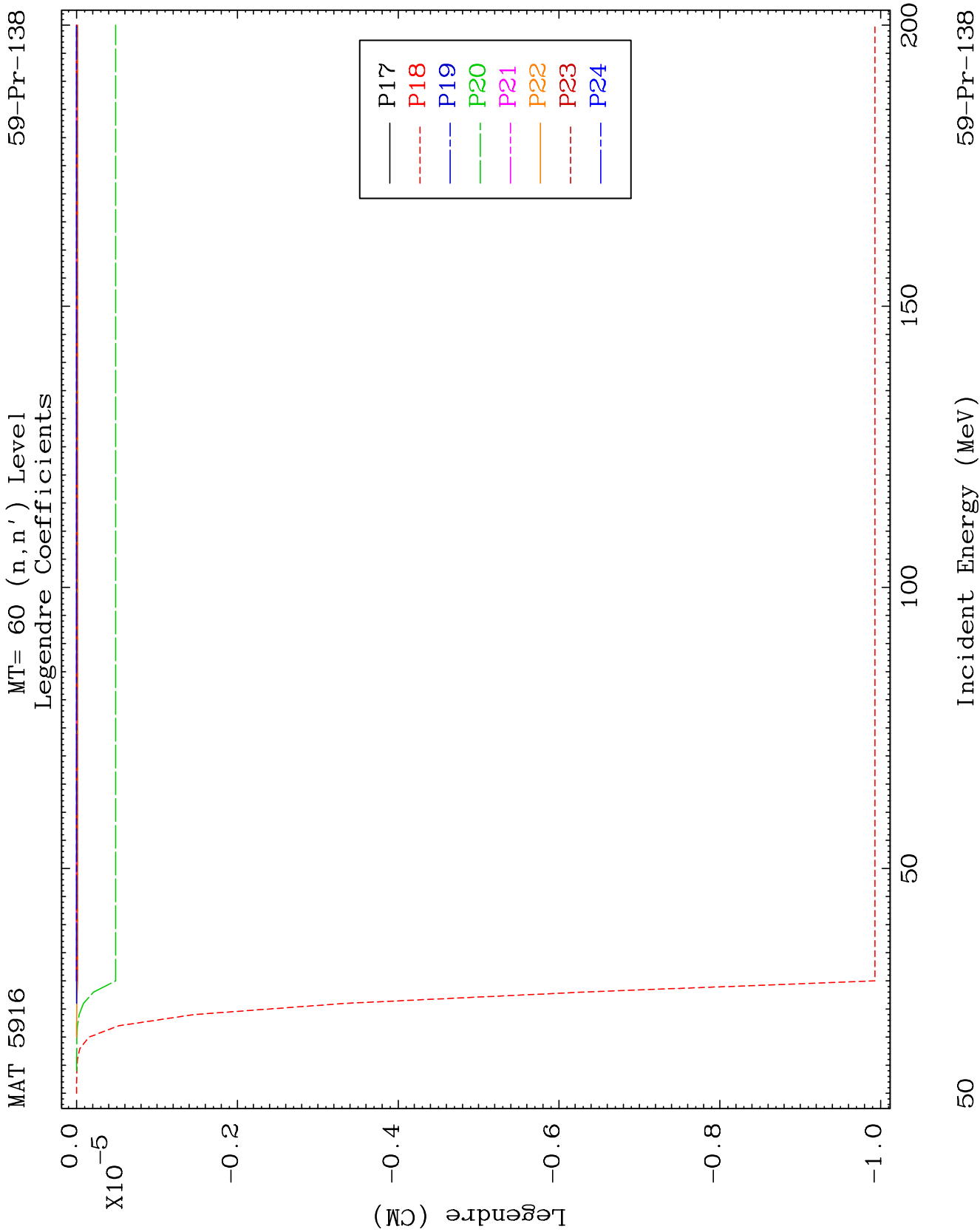
MAT 5916

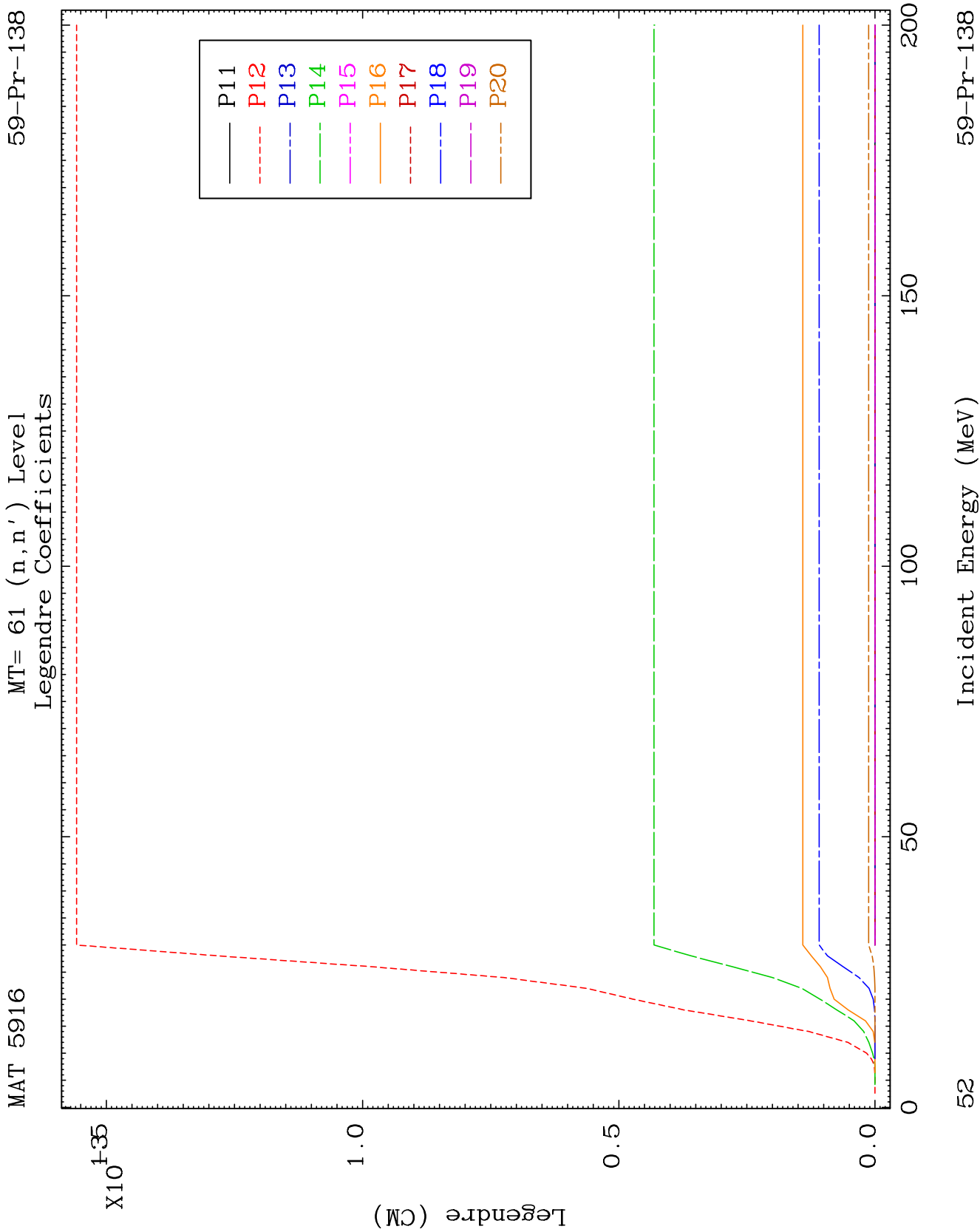
MT= 59 (n, n') Level
Legendre Coefficients

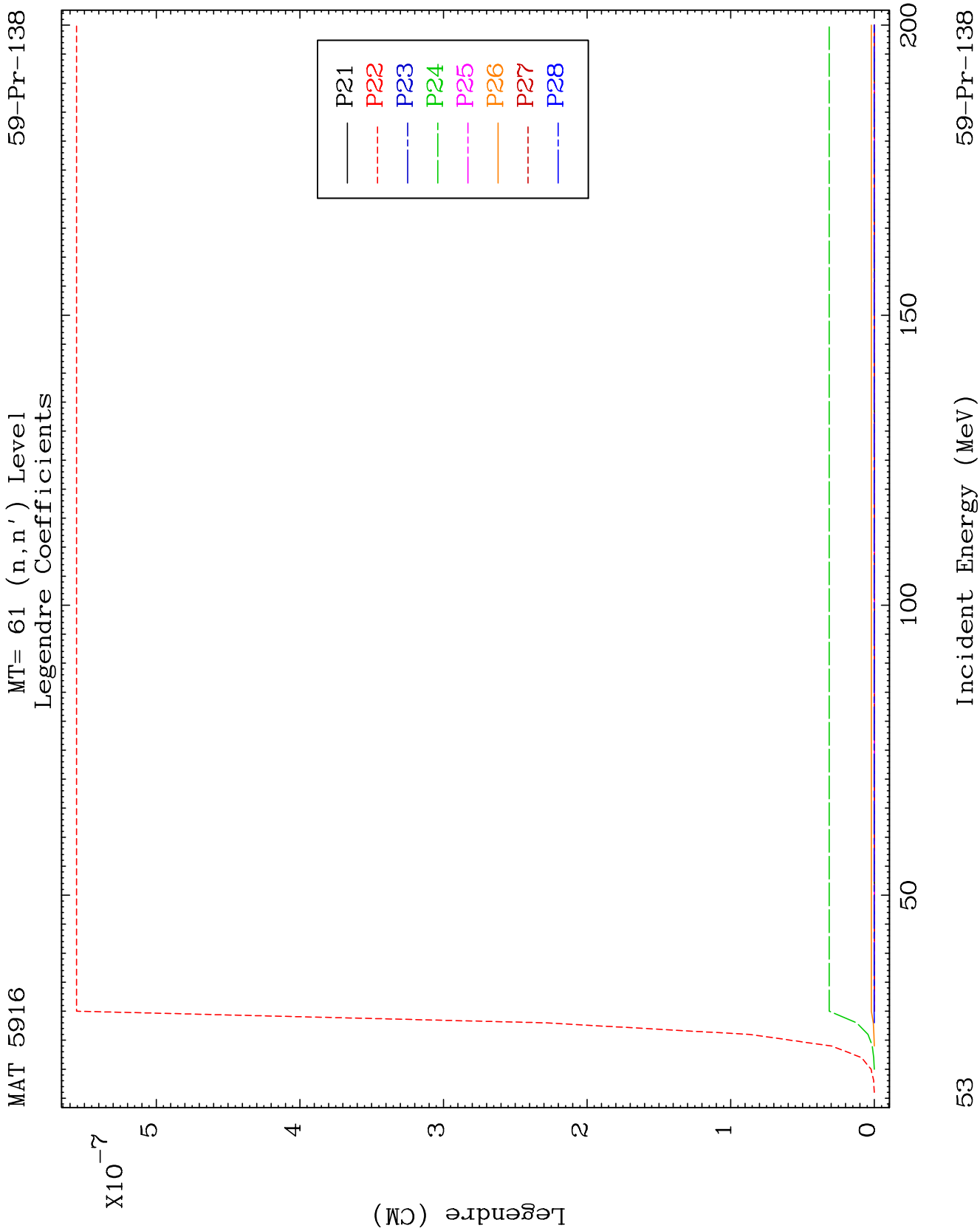
59-Pr-138







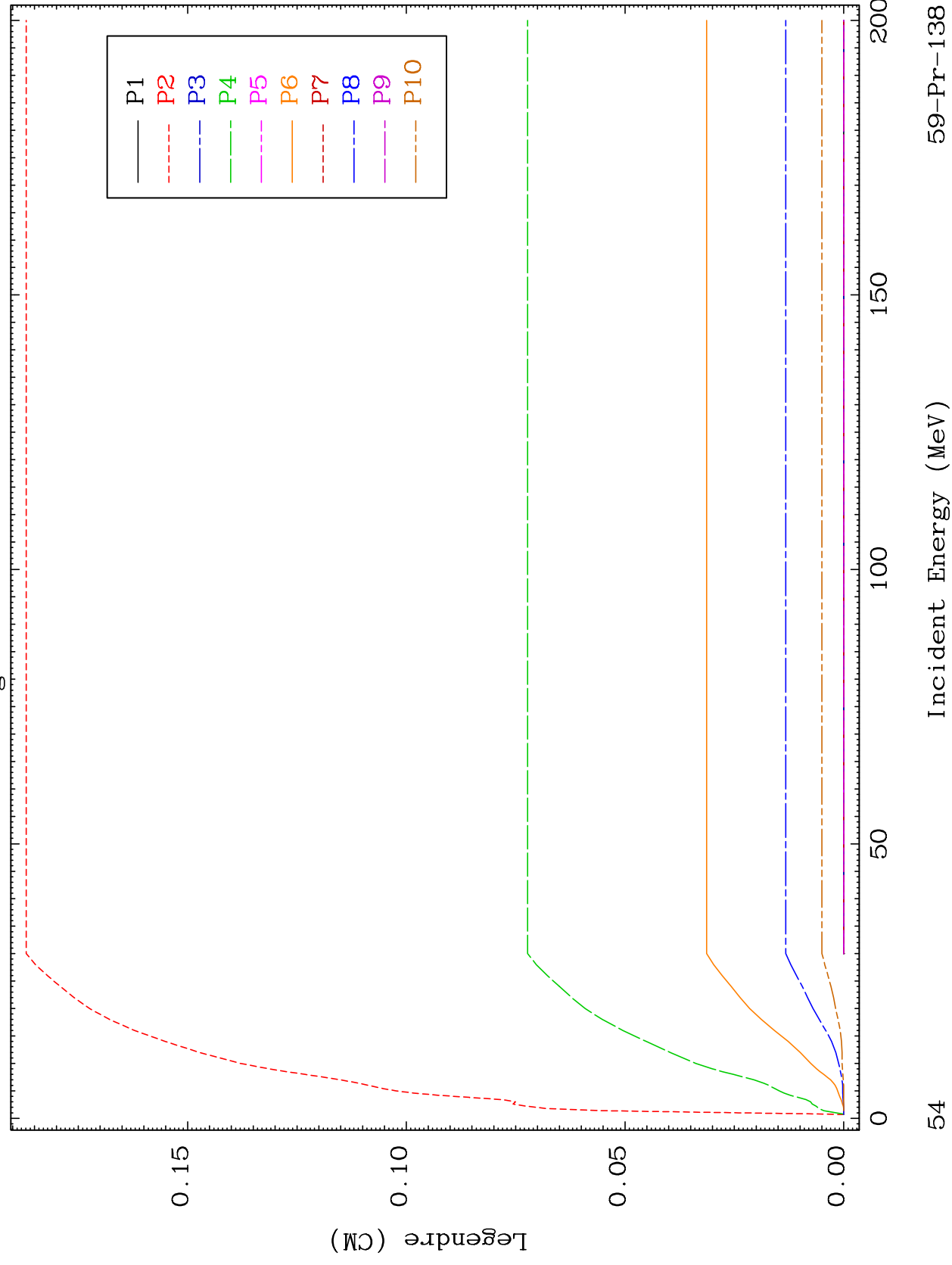


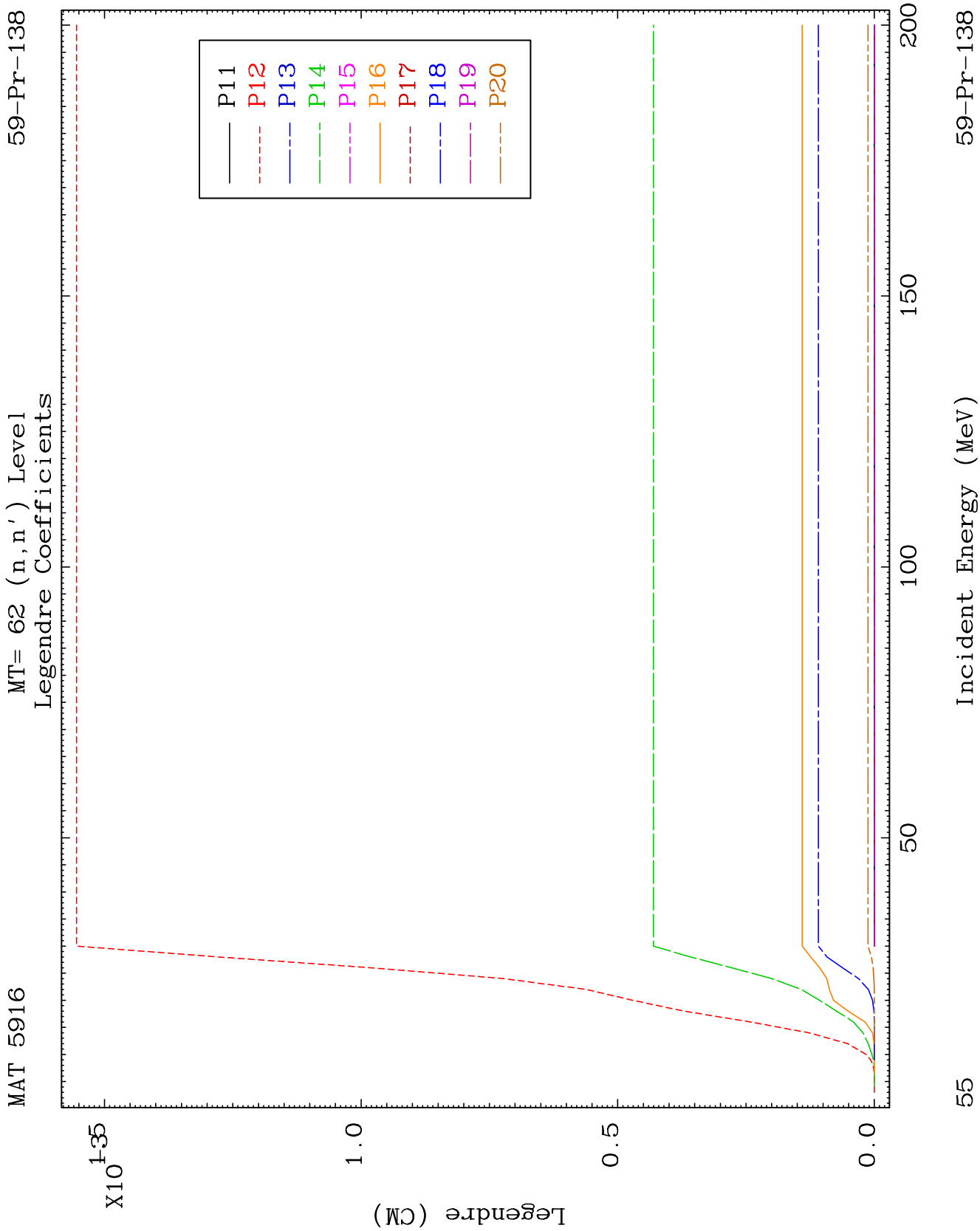


MAT 5916

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

59-Pr-138

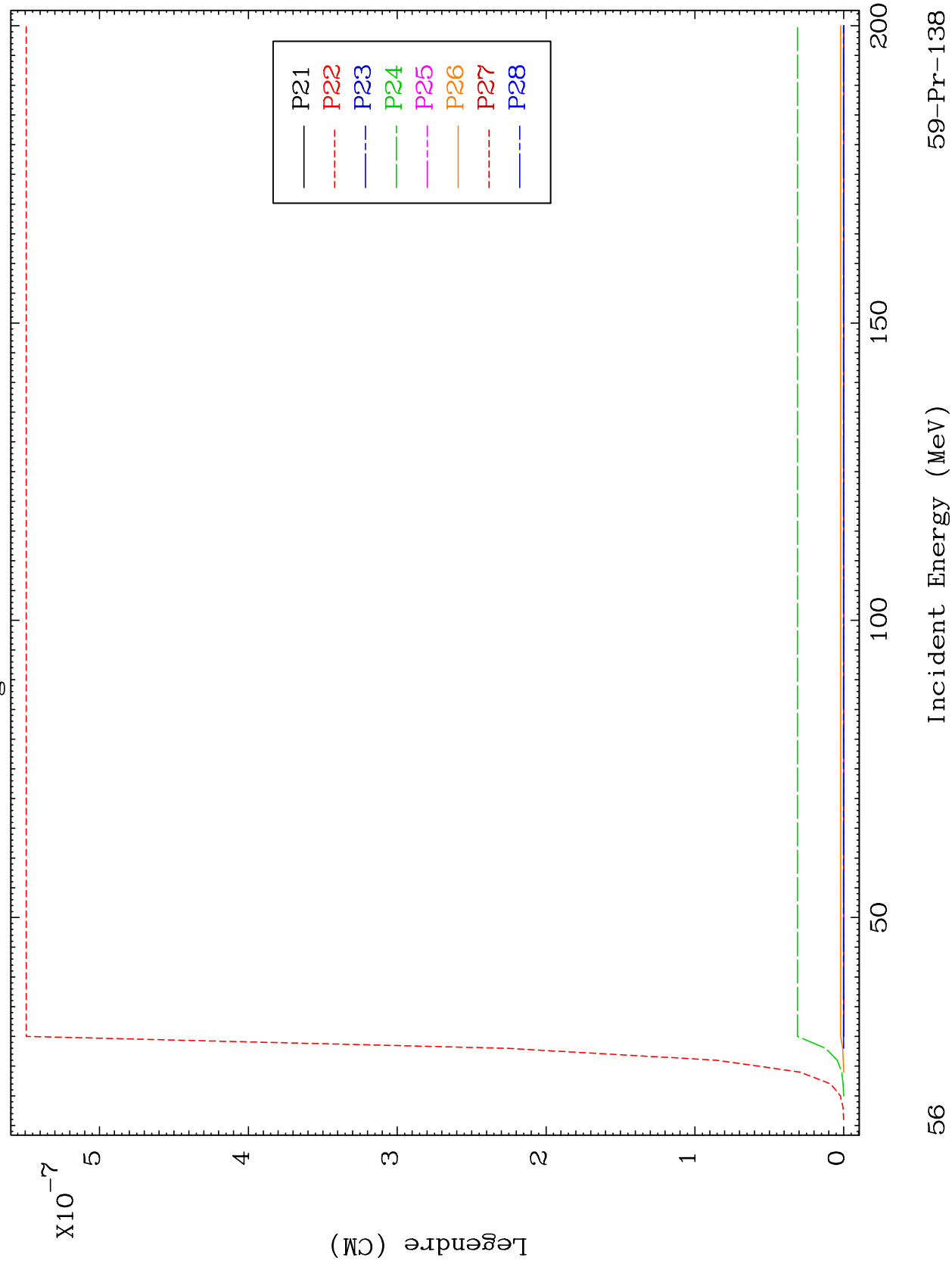


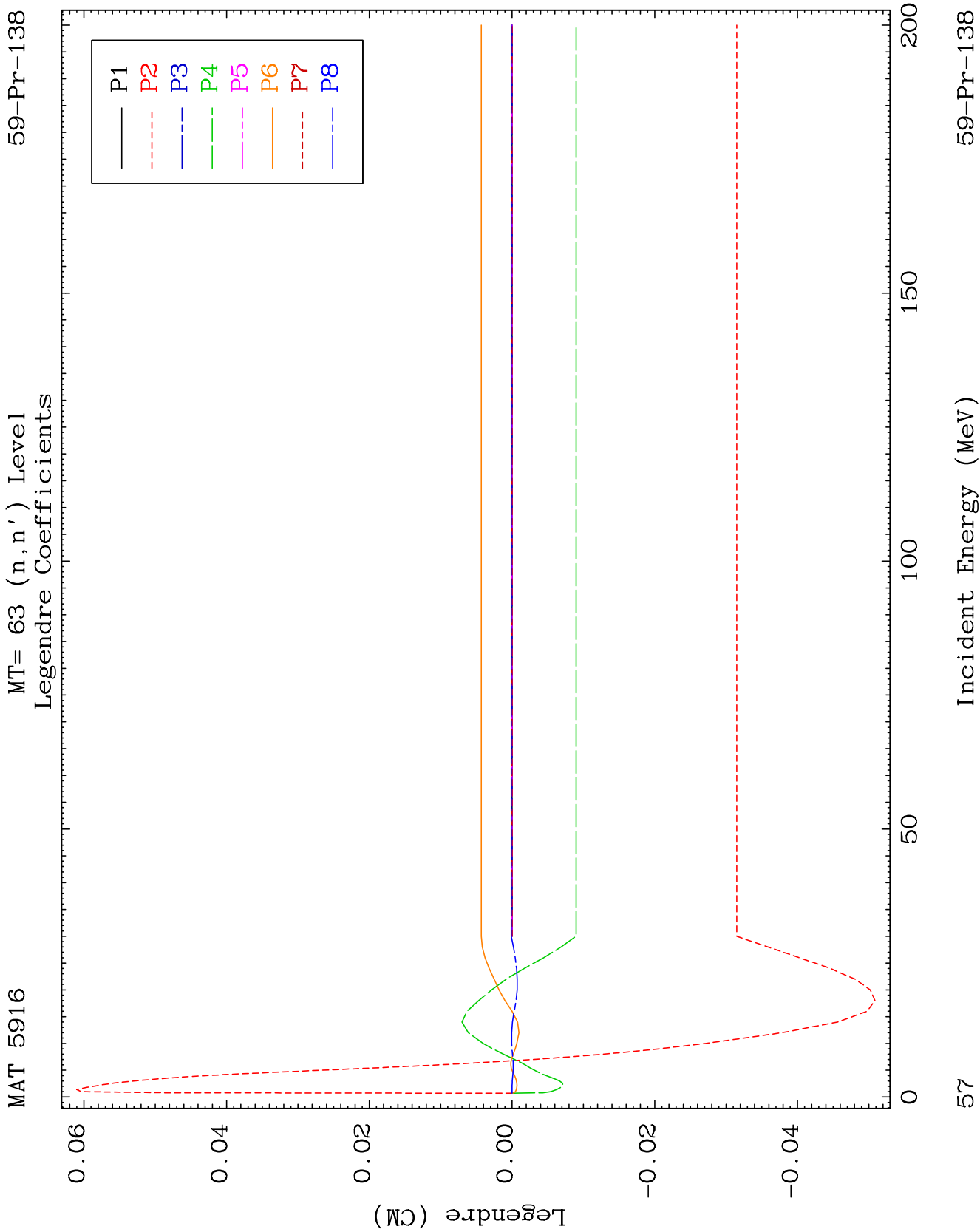


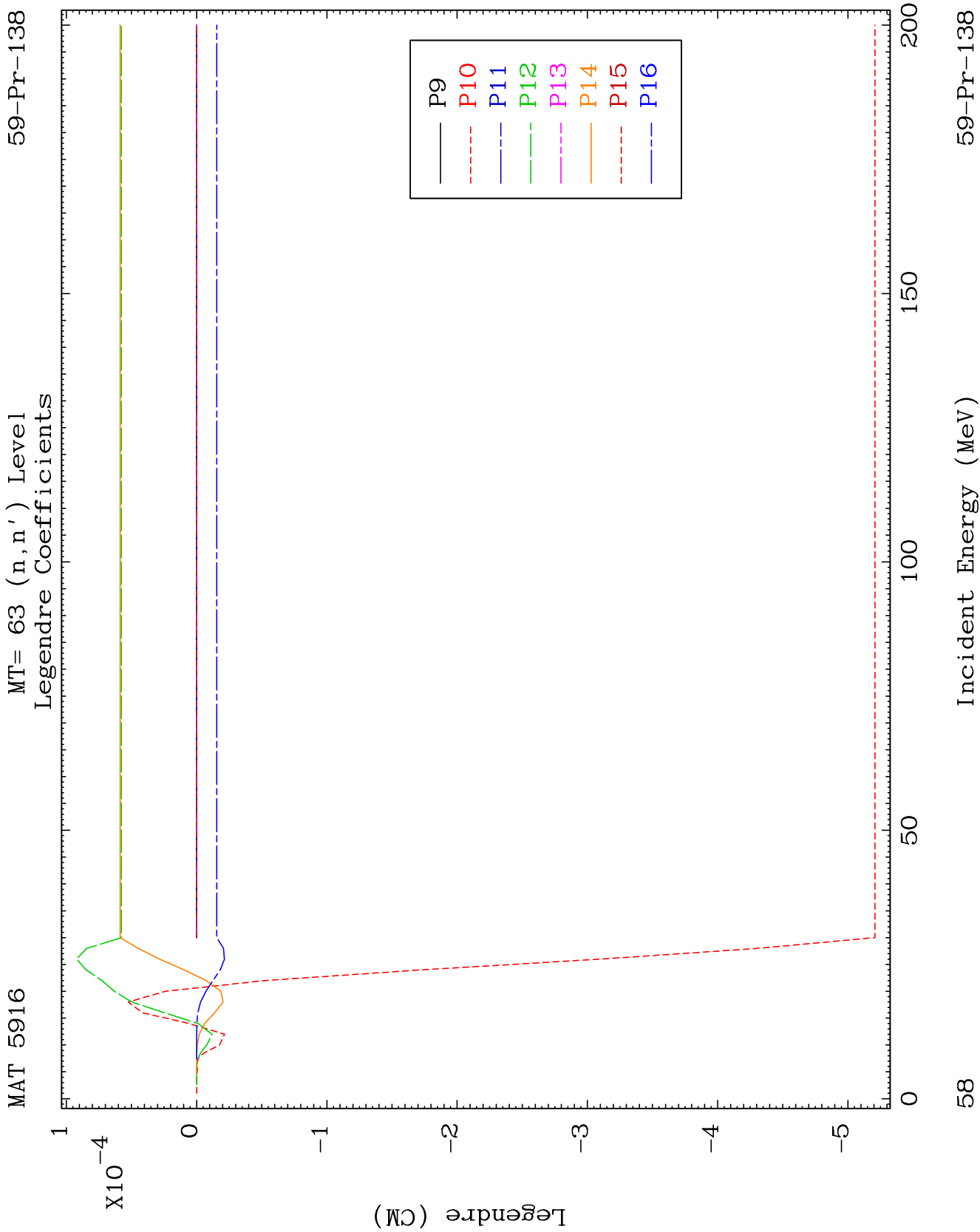
MAT 5916

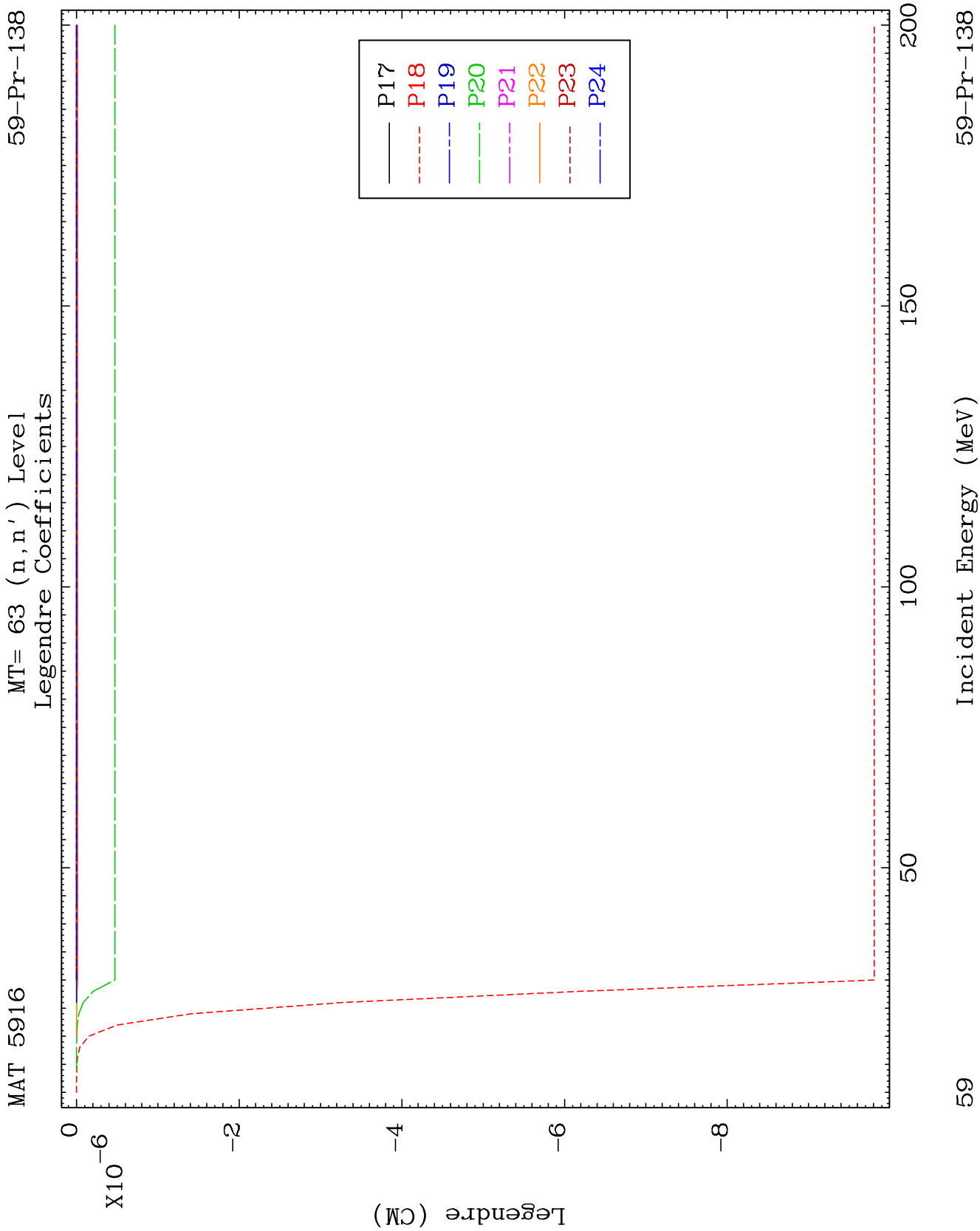
MT= 62 (n, n') Level
Legendre Coefficients

59-Pr-138





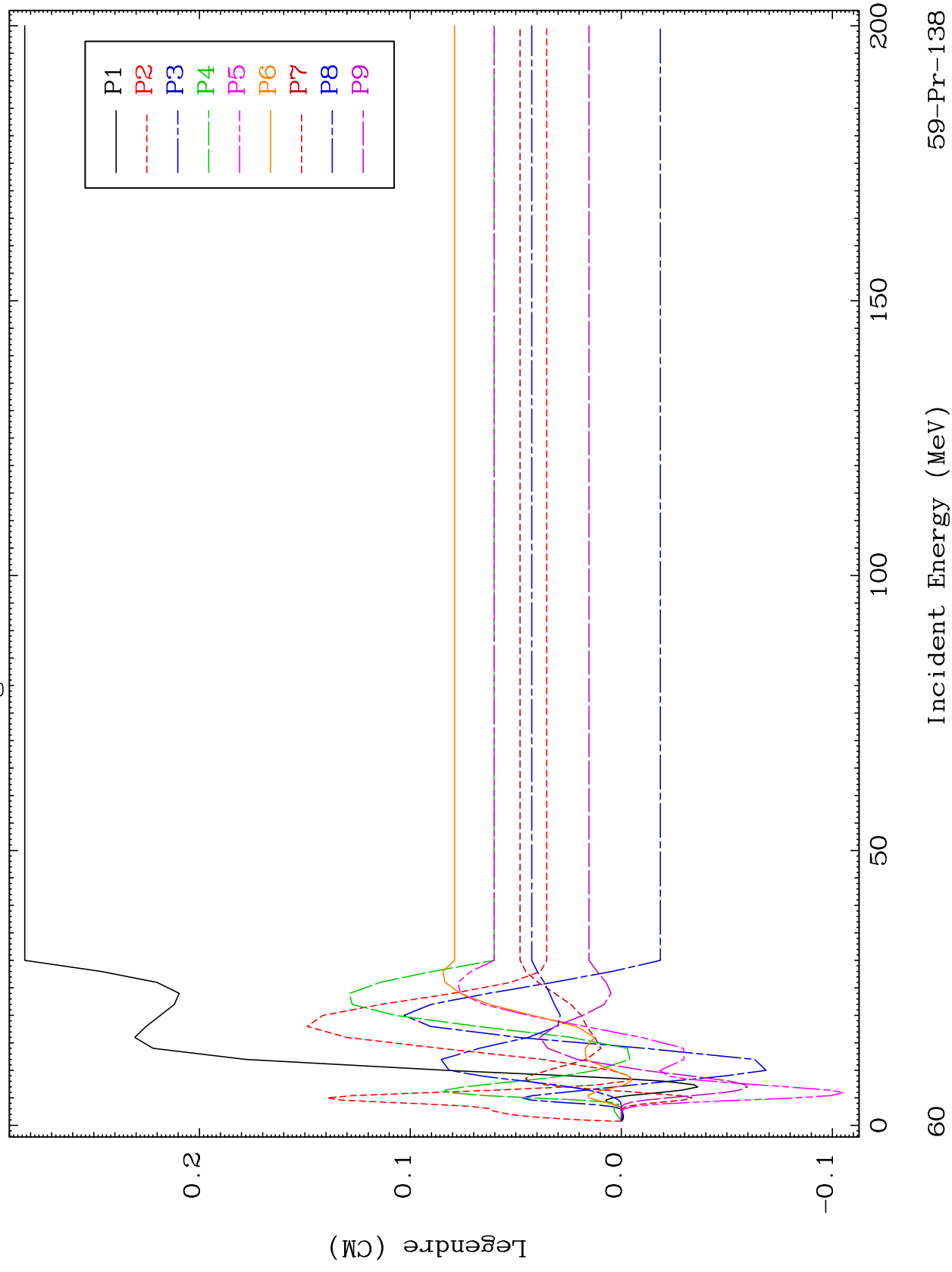


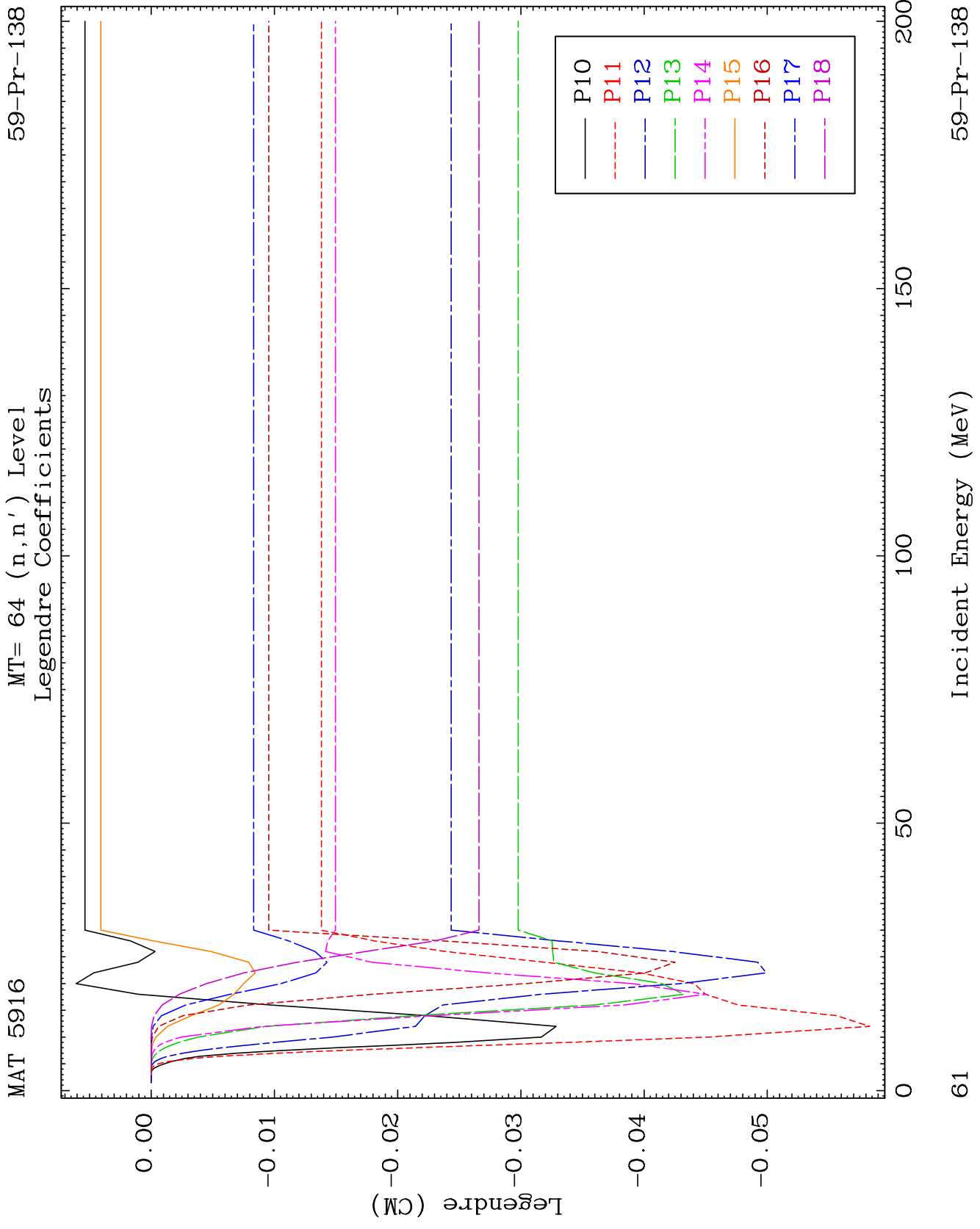


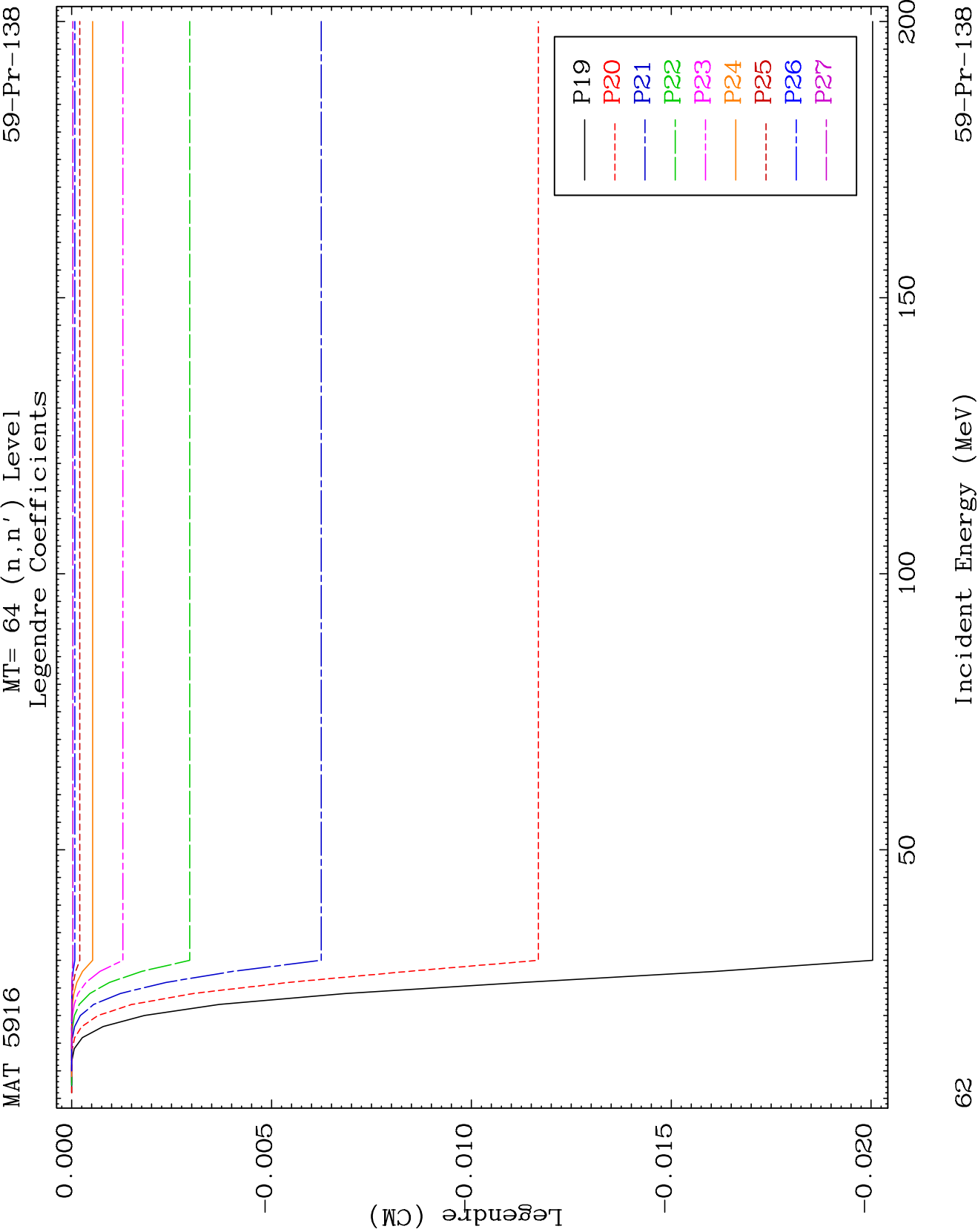
MAT 5916

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

59-Pr-138





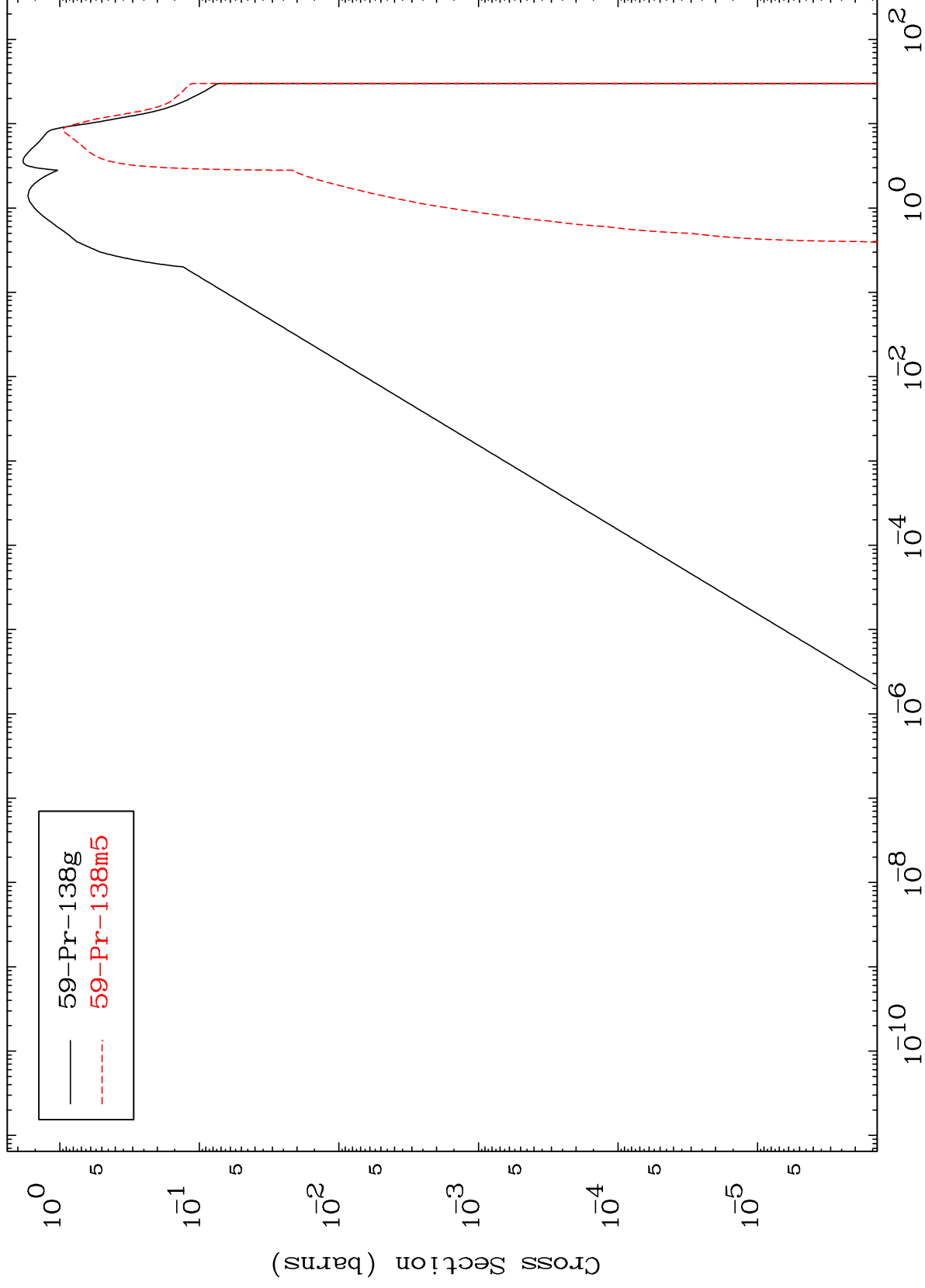


MAT 5916

Inelastic

59-Pr-138

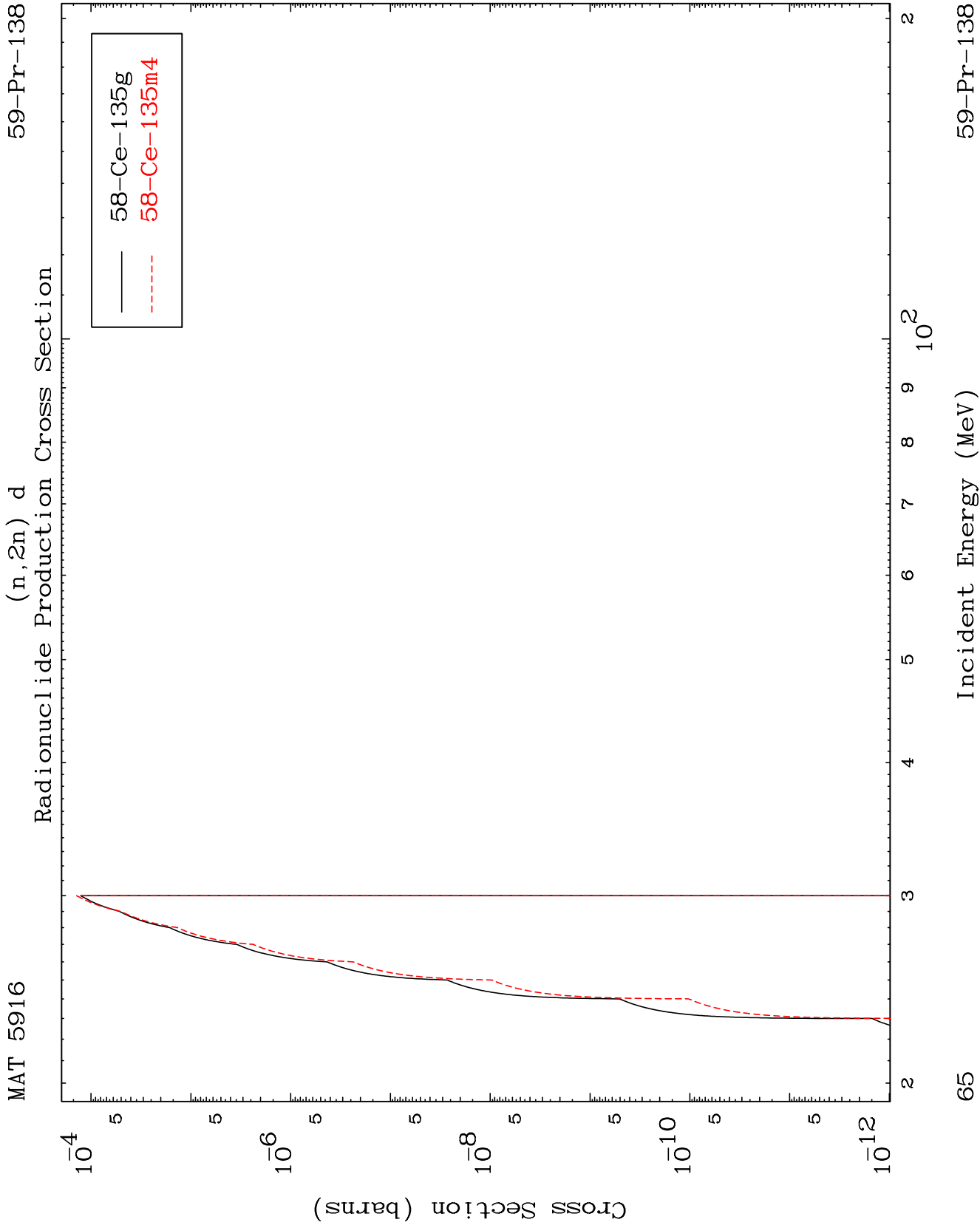
Radionuclide Production Cross Section



64

Incident Energy (MeV)

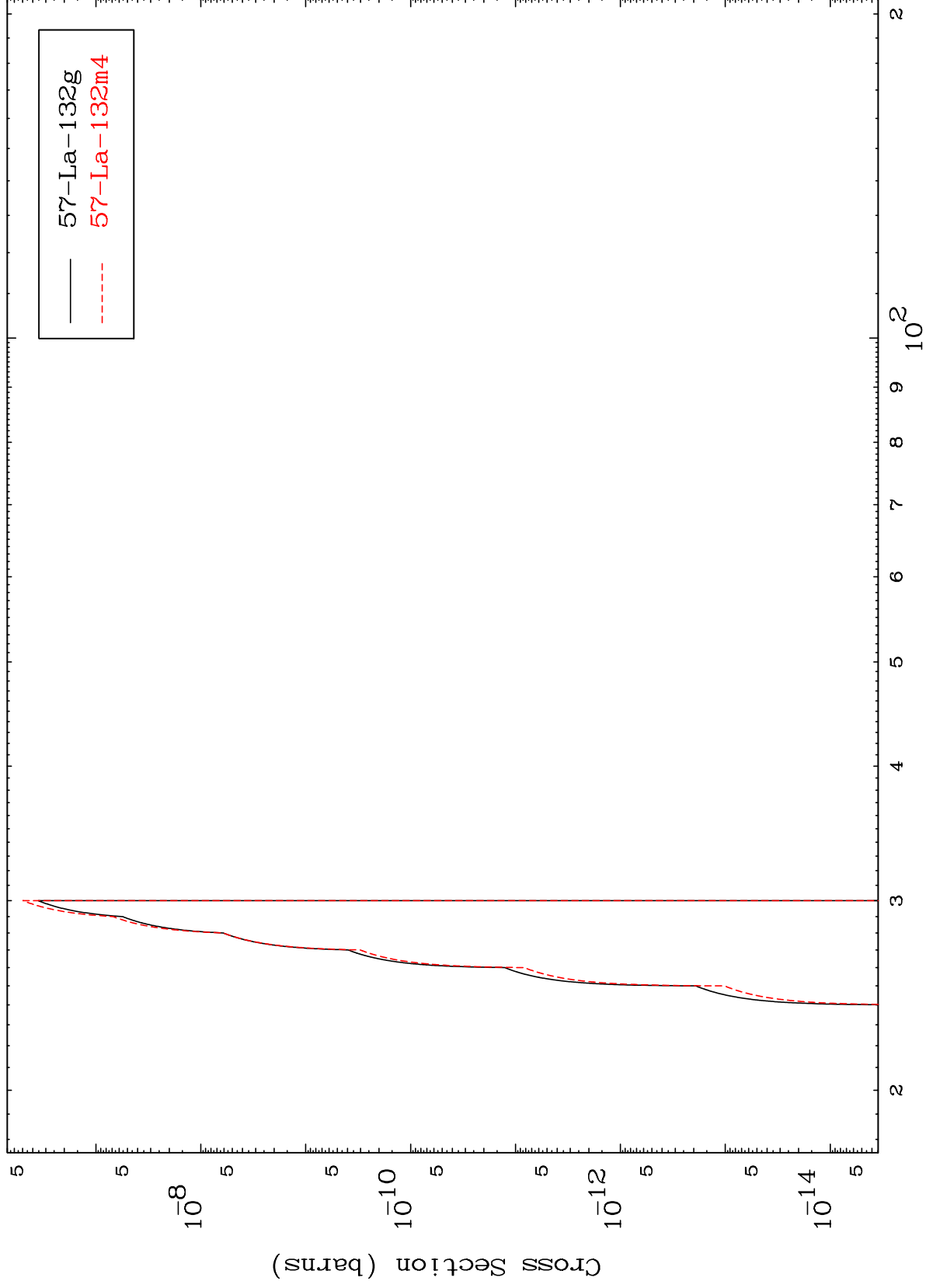
59-Pr-138



MAT 5916

59-Pr-138

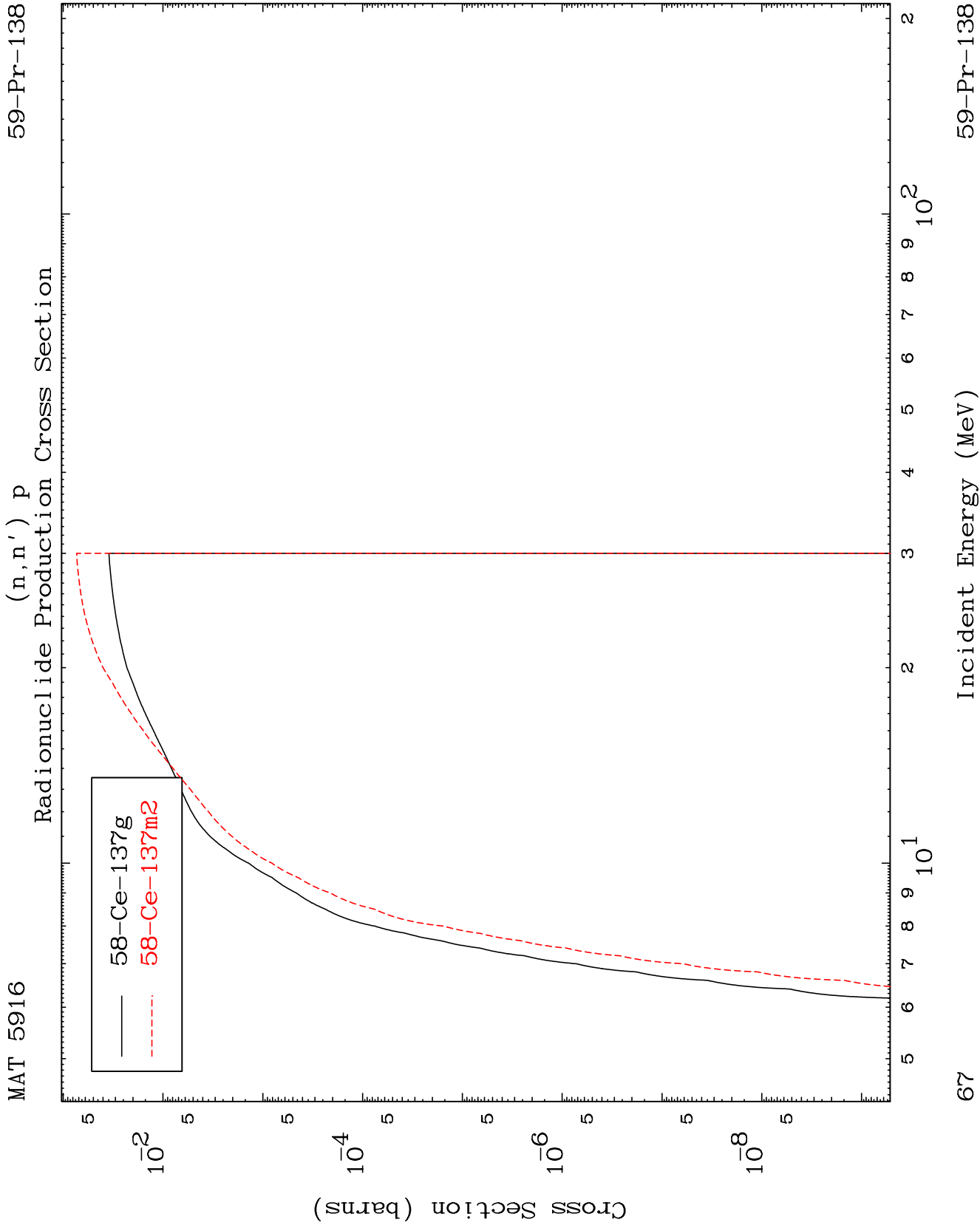
$(n,3n) \alpha$
Radionuclide Production Cross Section



66

59-Pr-138

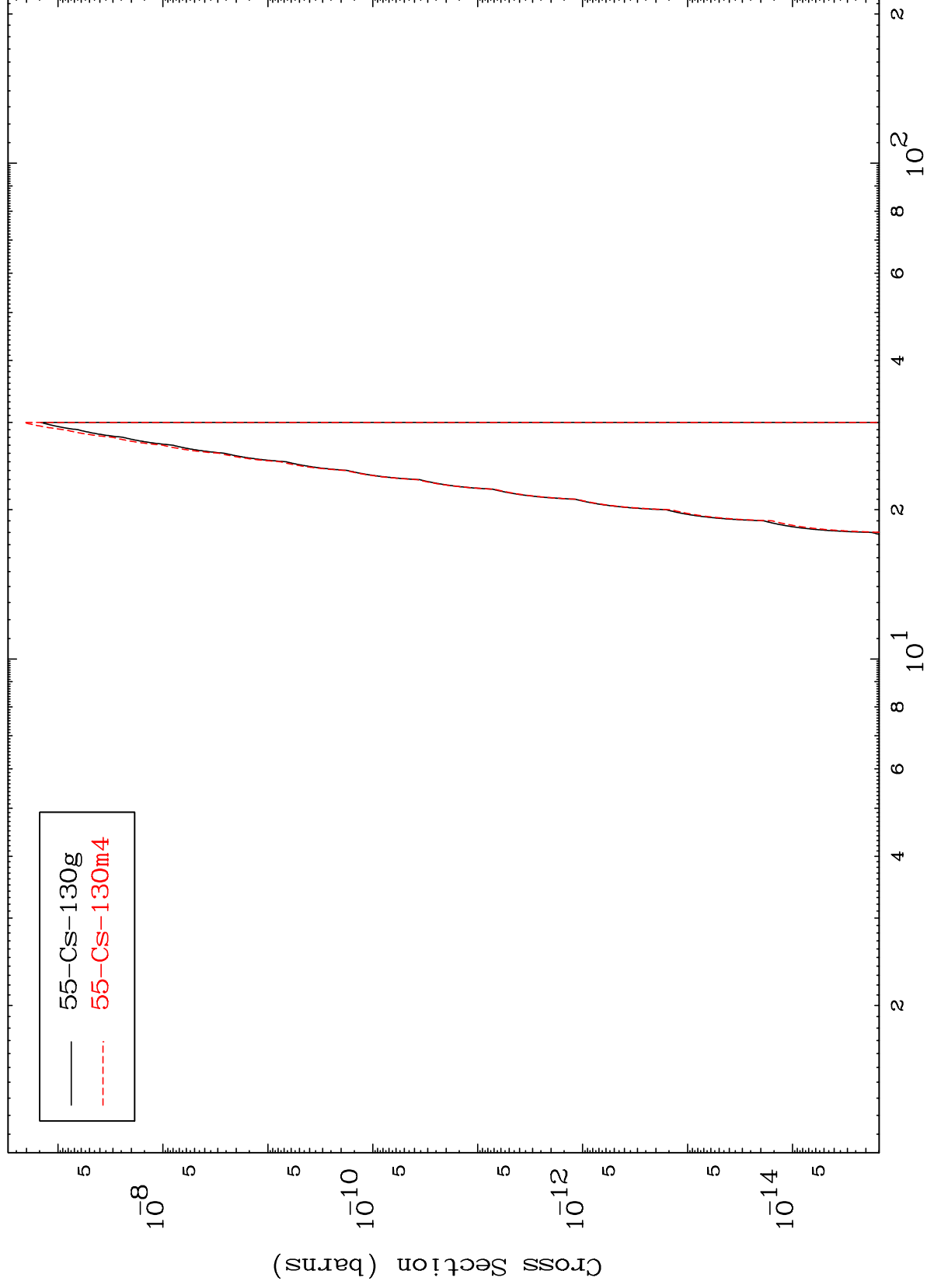
Incident Energy (MeV)



MAT 5916

59-Pr-138

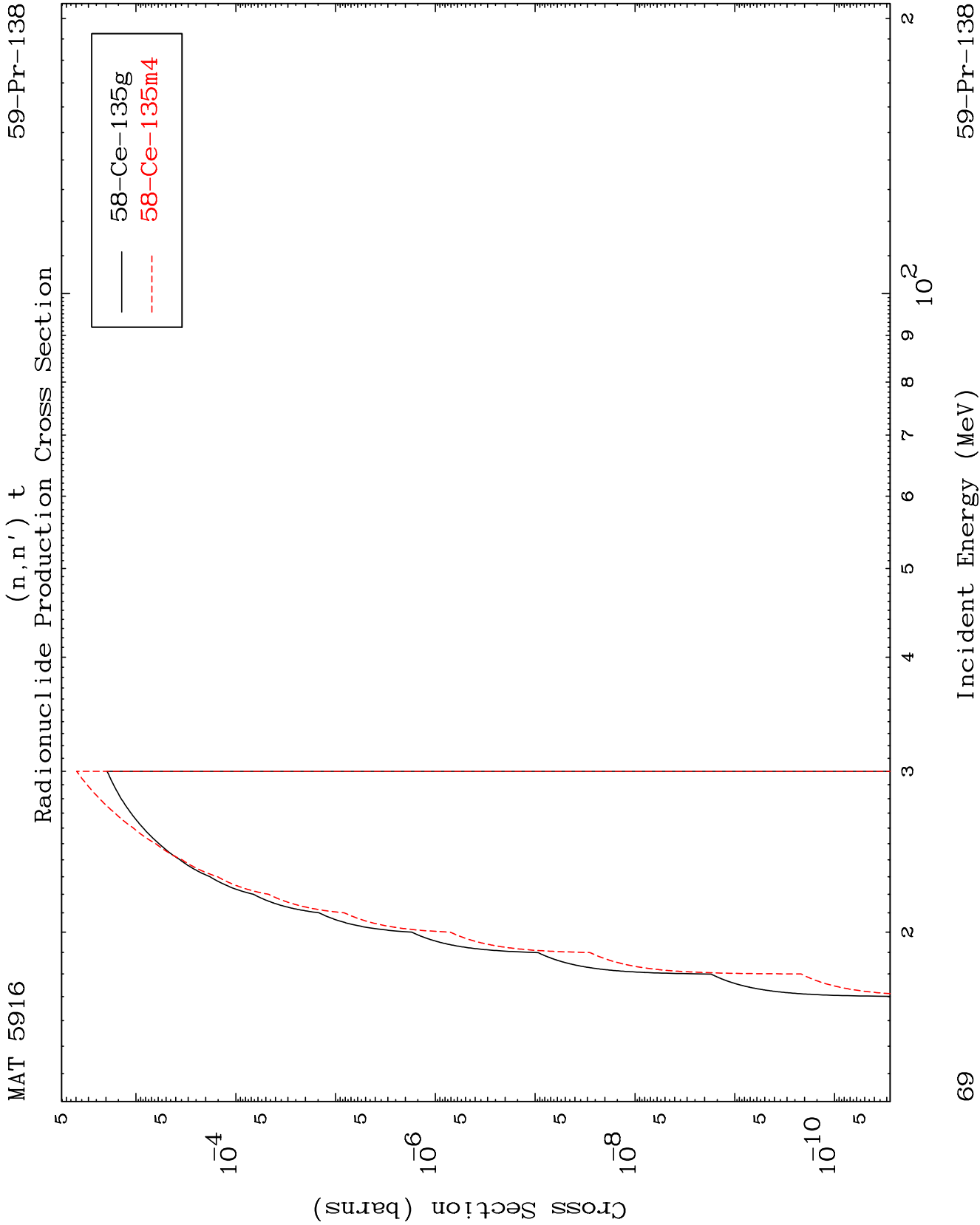
(n,n') 2α
Radionuclide Production Cross Section

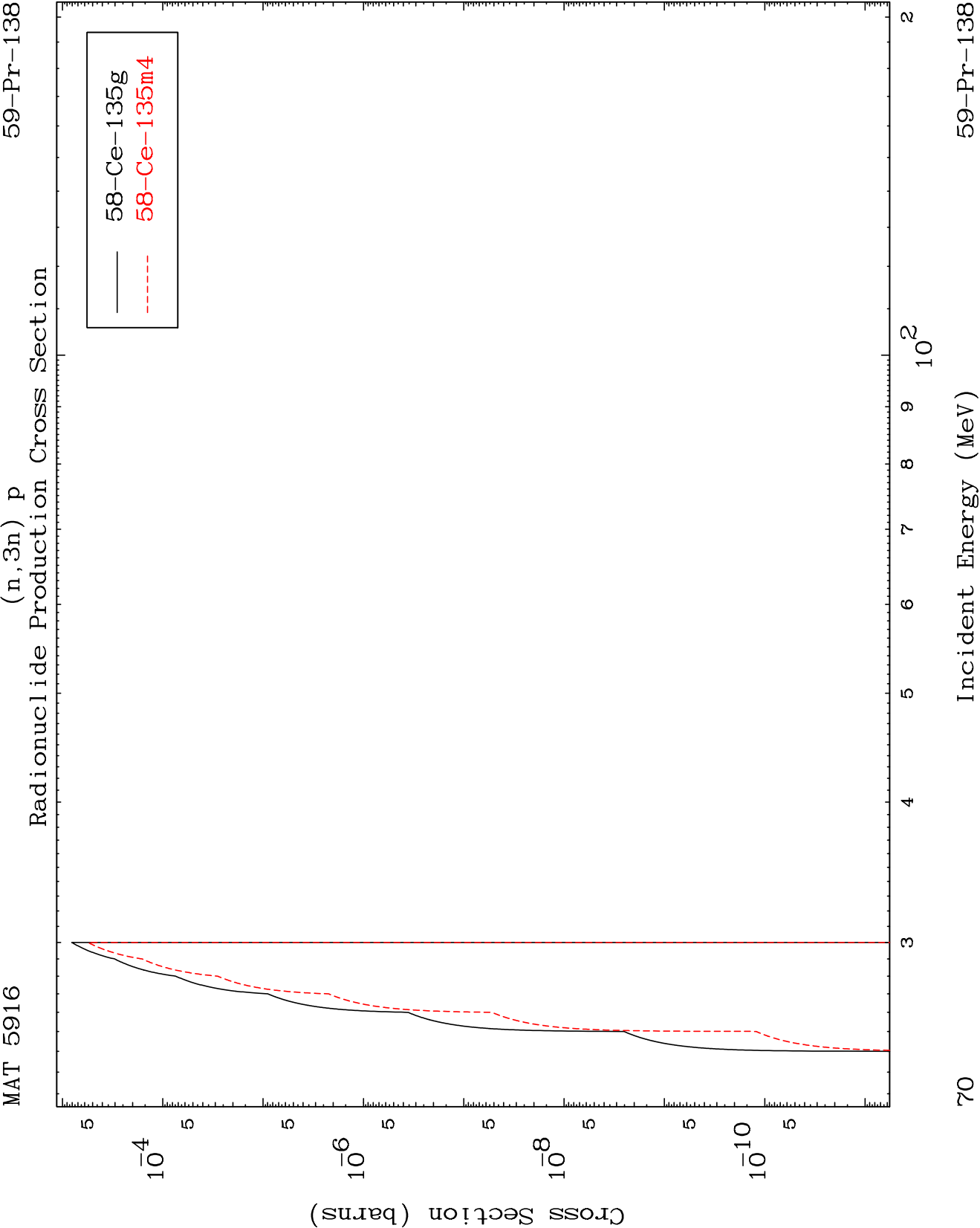


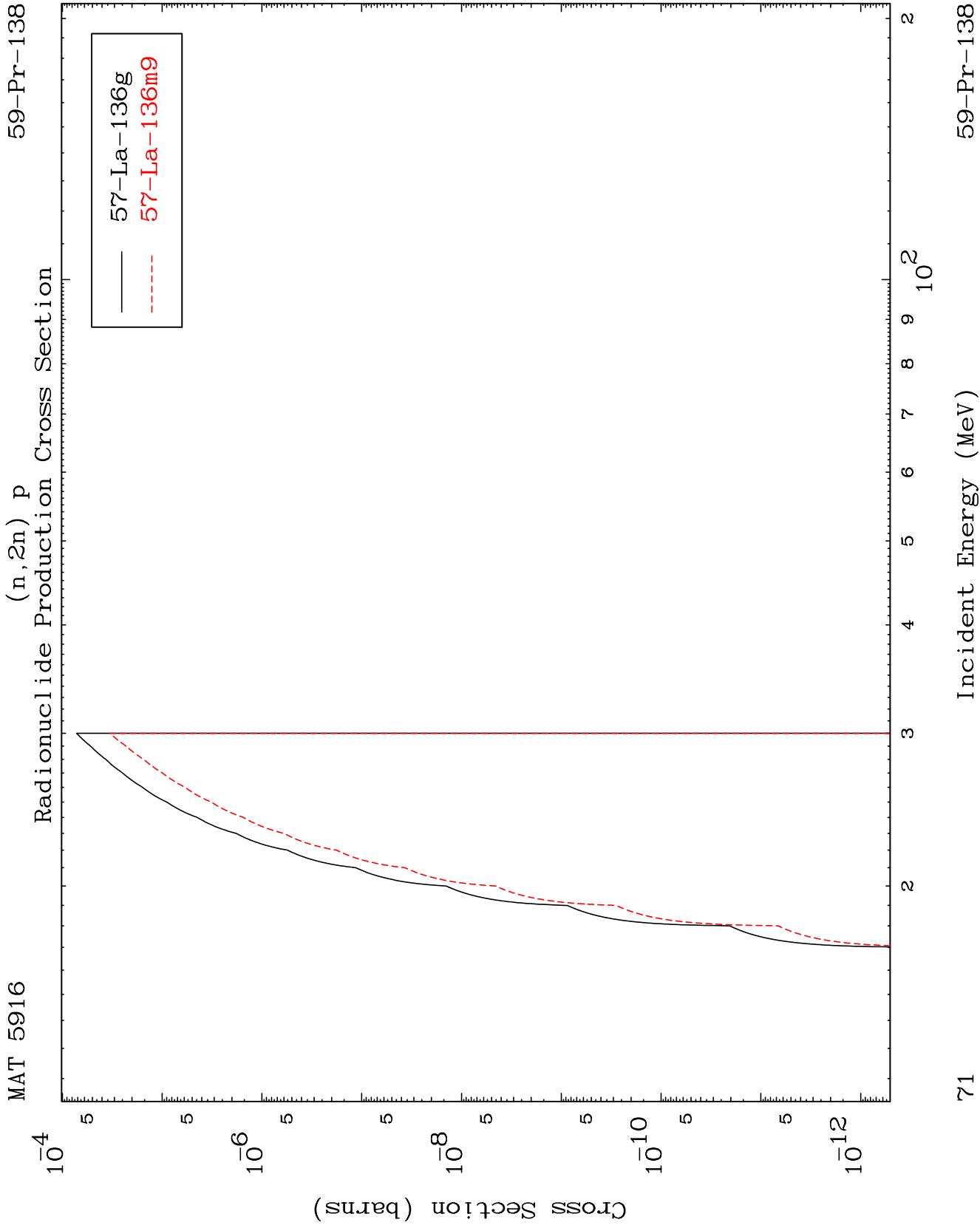
68

Incident Energy (MeV)

59-Pr-138



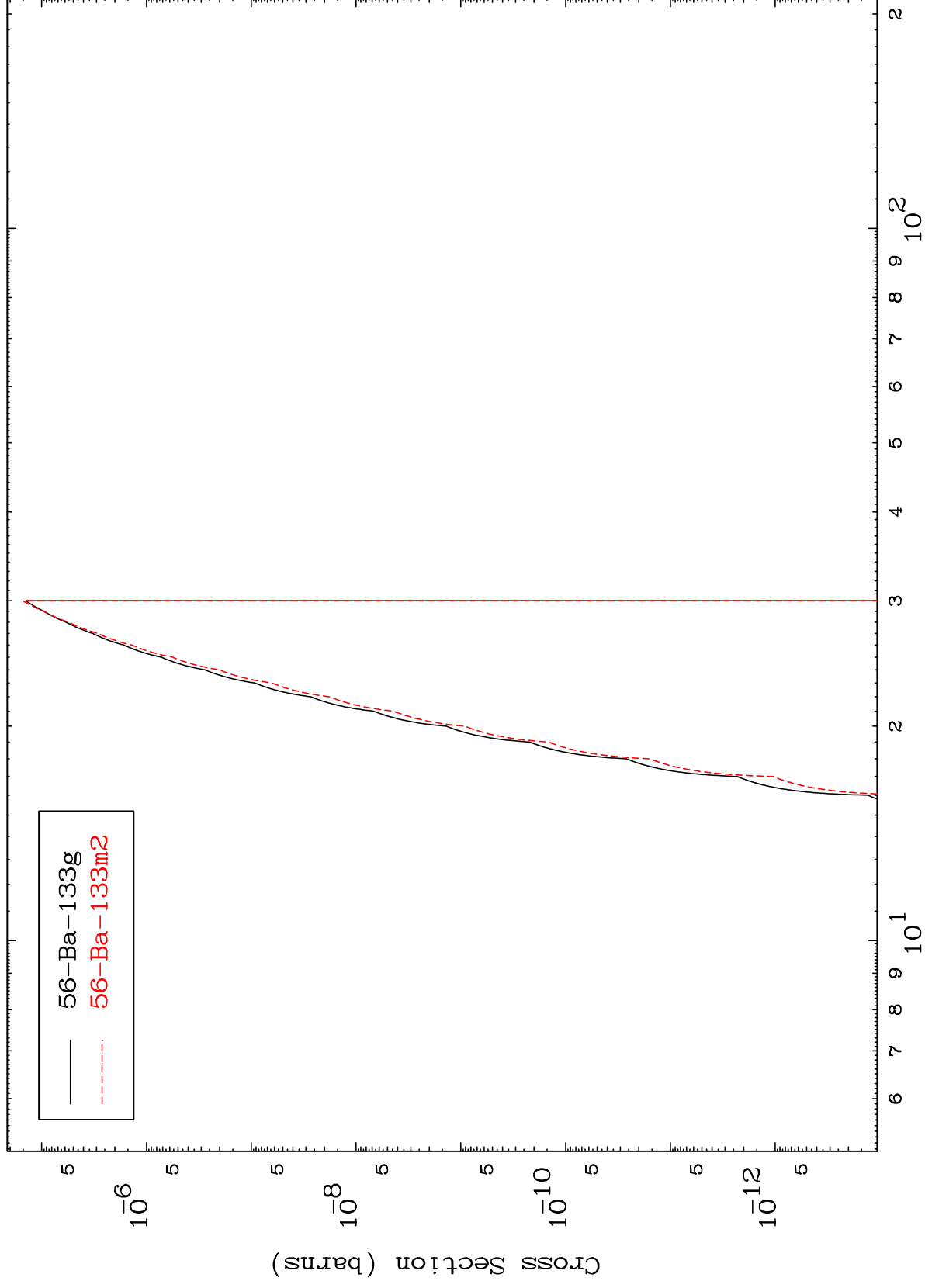




MAT 5916

59-Pr-138

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



72

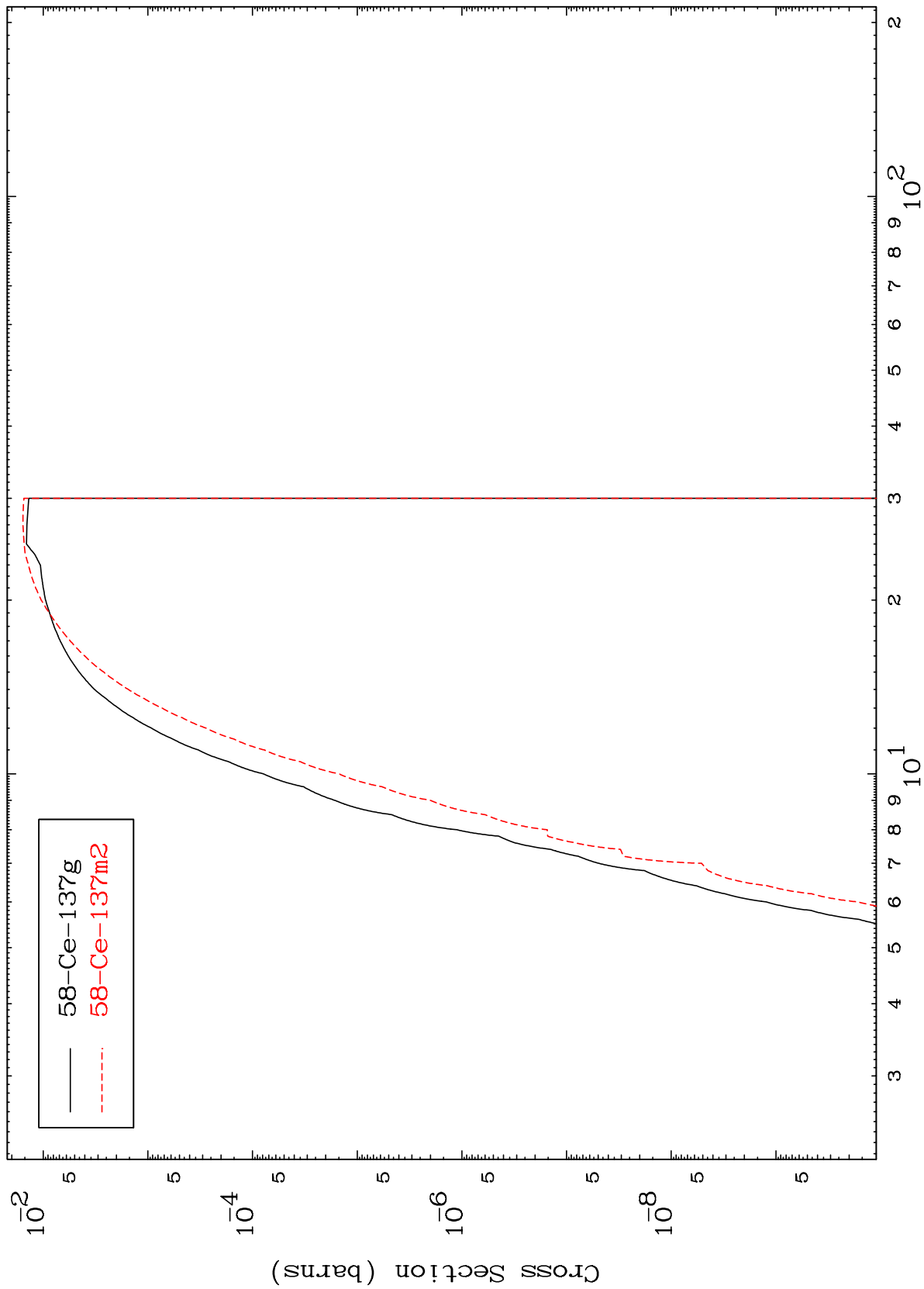
Incident Energy (MeV)

59-Pr-138

MAT 5916

59-Pr-138

Radionuclide Production Cross Section
(n,d)

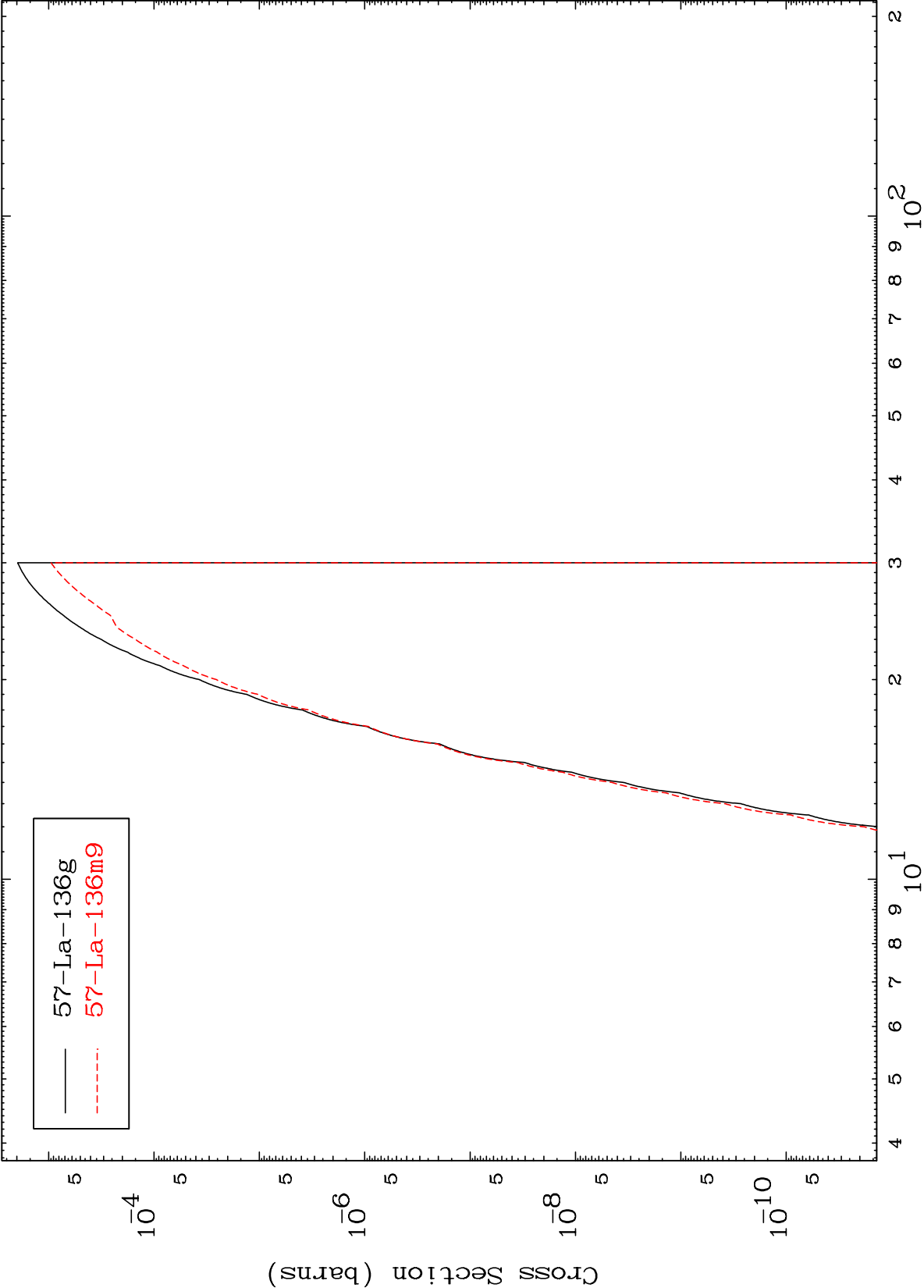


73

Incident Energy (MeV)

59-Pr-138

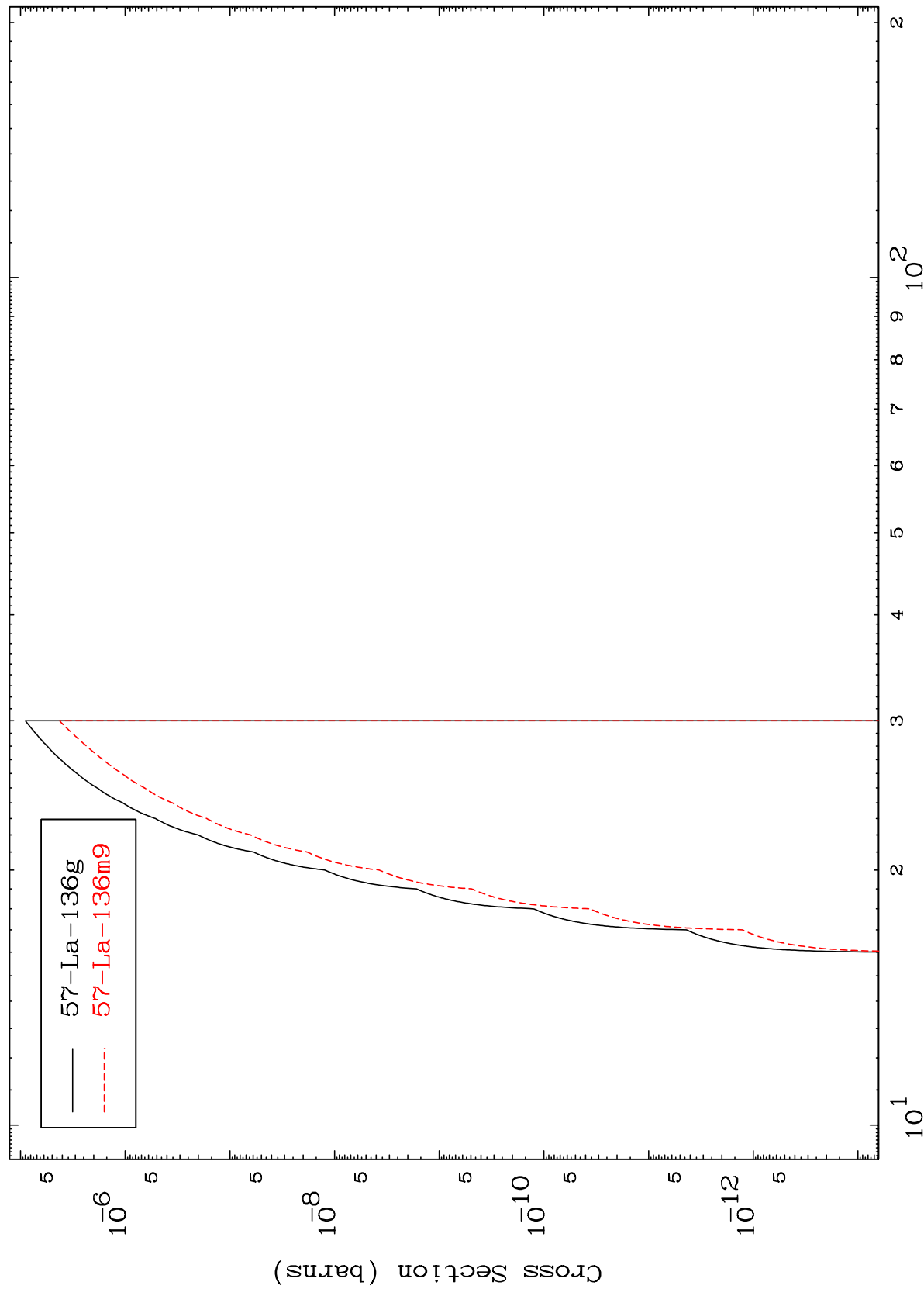
Radionuclide Production Cross Section



MAT 5916

59-Pr-138

(n,p) d
Radionuclide Production Cross Section



59-Pr-138

Incident Energy (MeV)

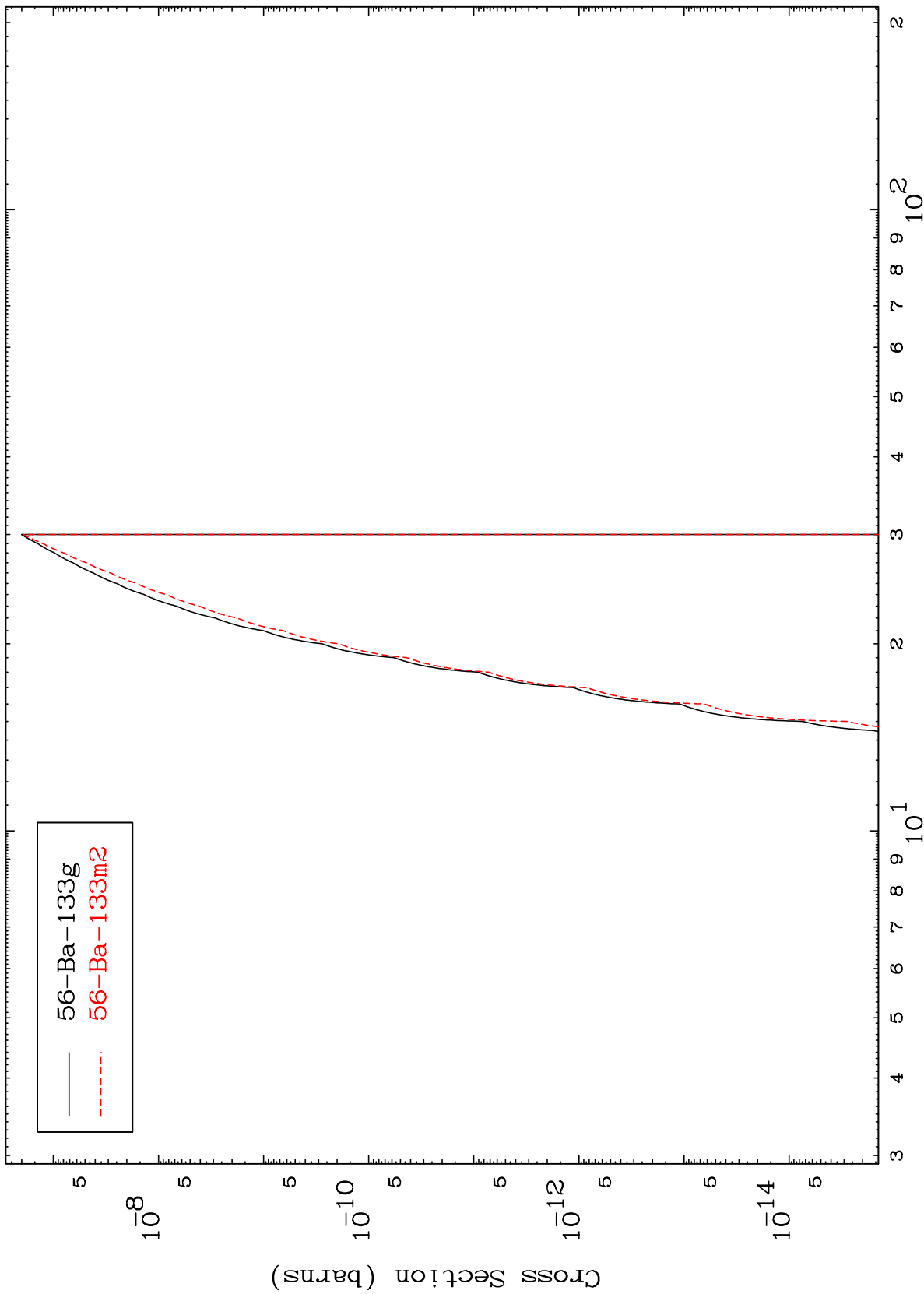
75

MAT 5916

59-Pr-138

(n,d) α

Radionuclide Production Cross Section



76

Incident Energy (MeV)

59-Pr-138