

Program EVALPLOT
(Version 2017-1)

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

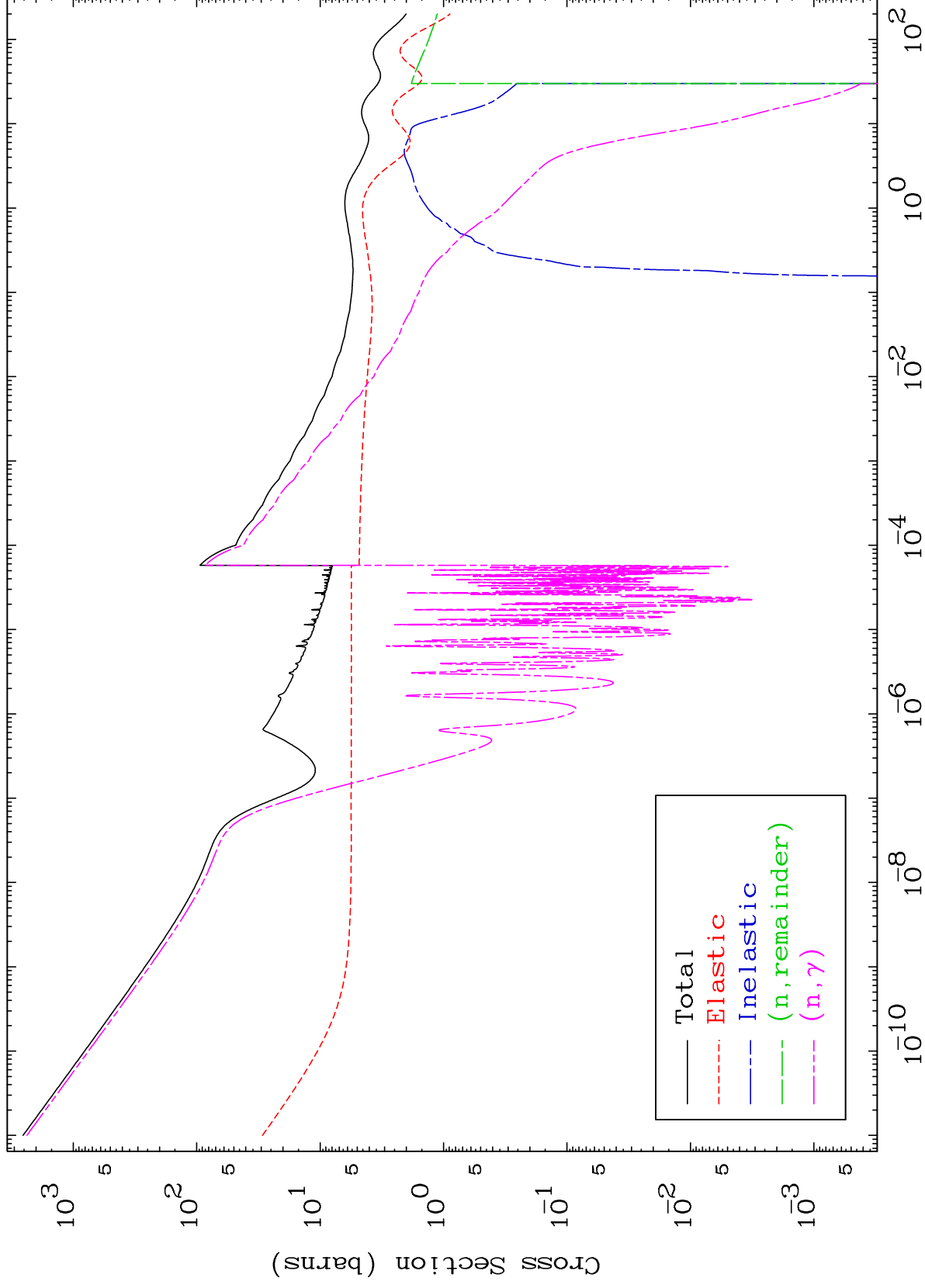
Press Mouse Button to Start

MAT 5416

Major

293 Kelvin Cross Sections

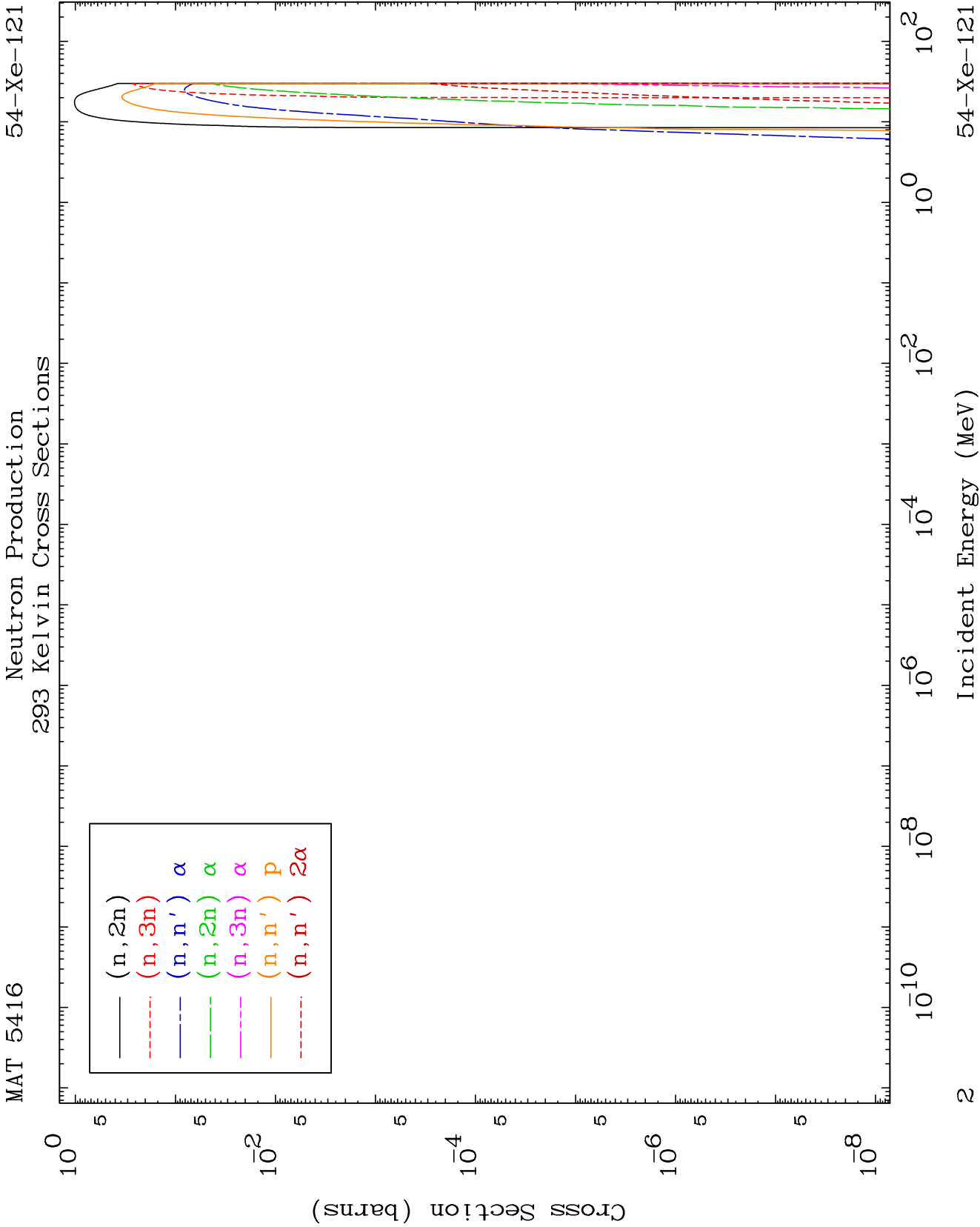
54-Xe-121



1

Incident Energy (MeV)

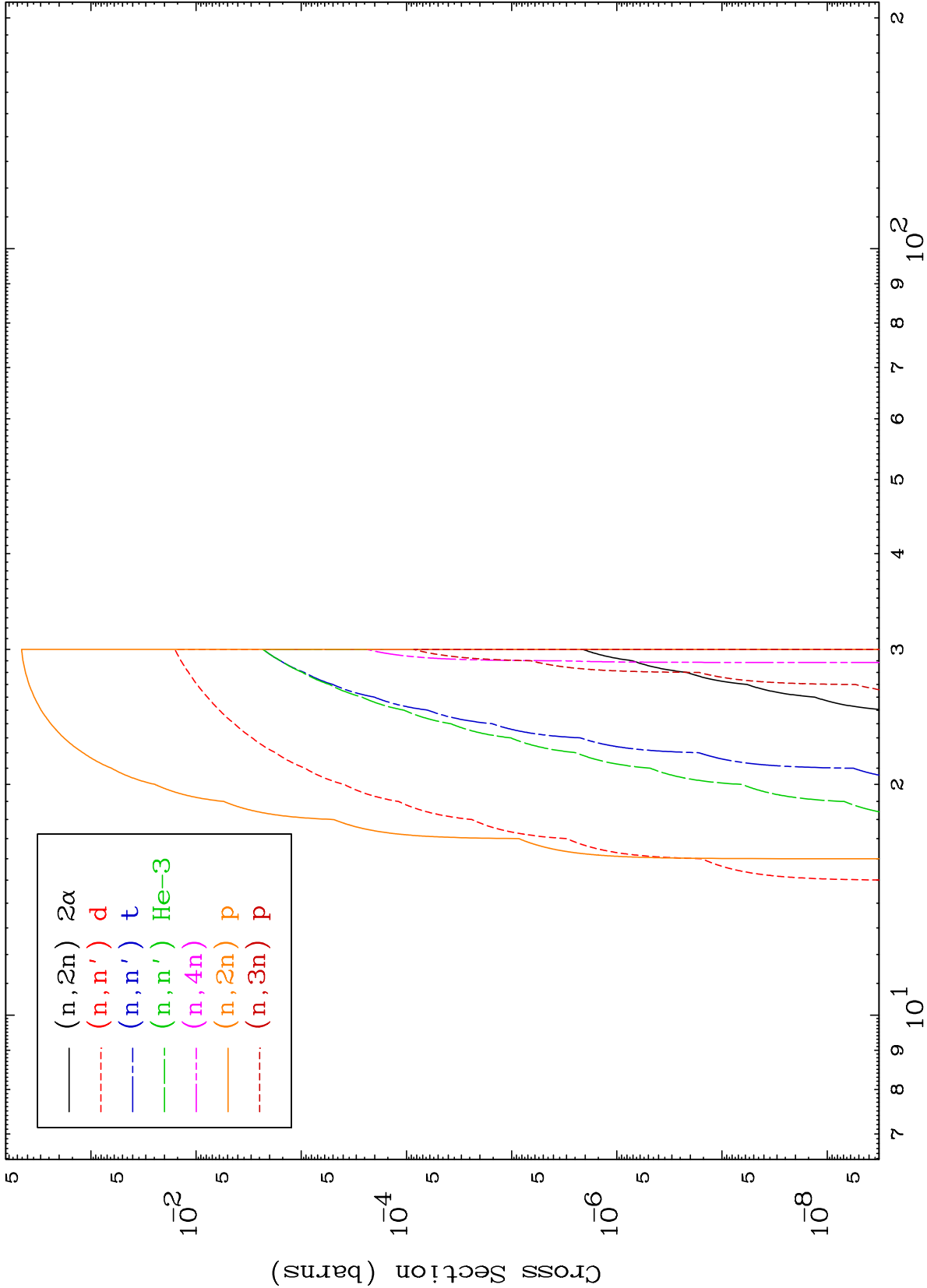
54-Xe-121



MAT 5416

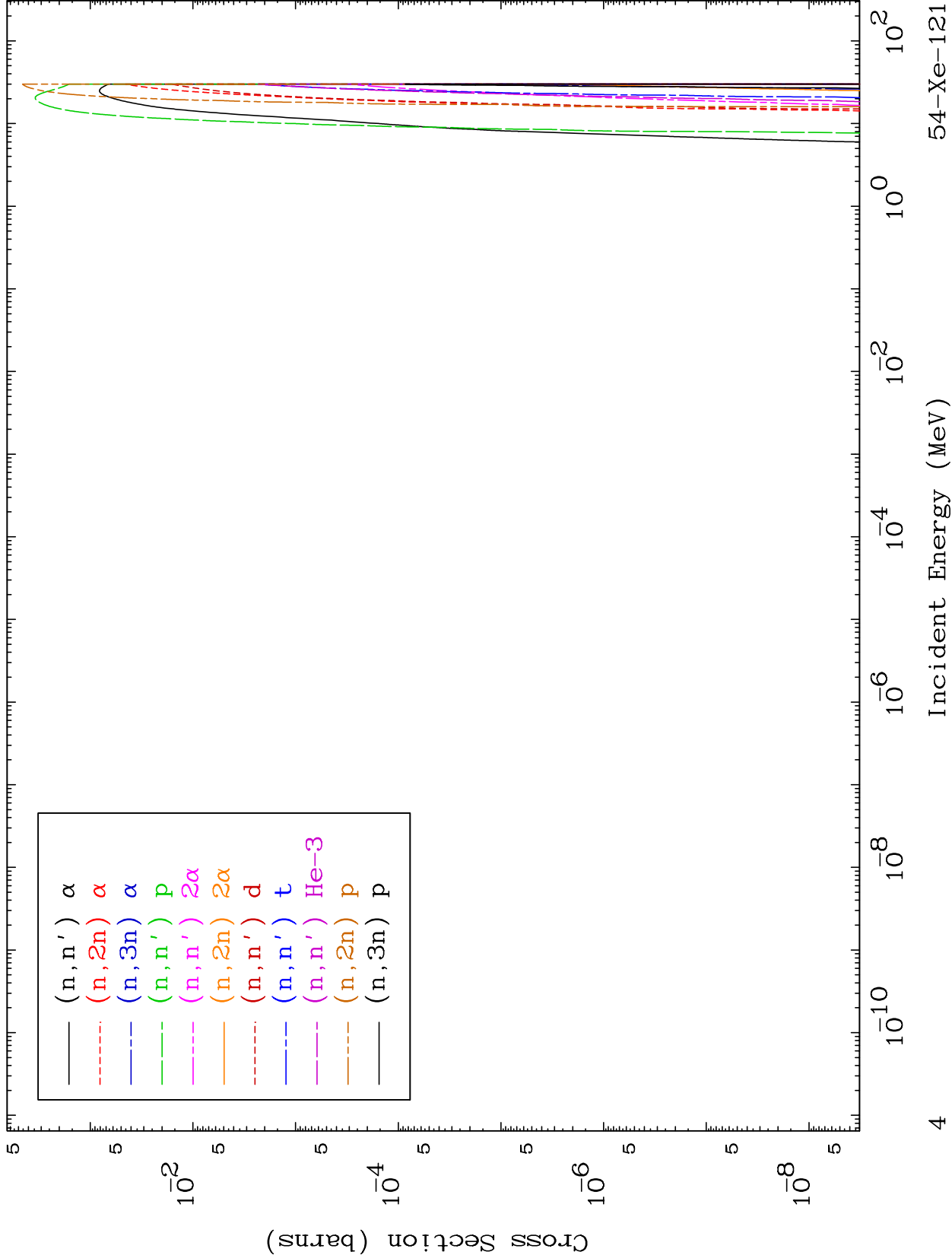
Neutron Production
293 Kelvin Cross Sections

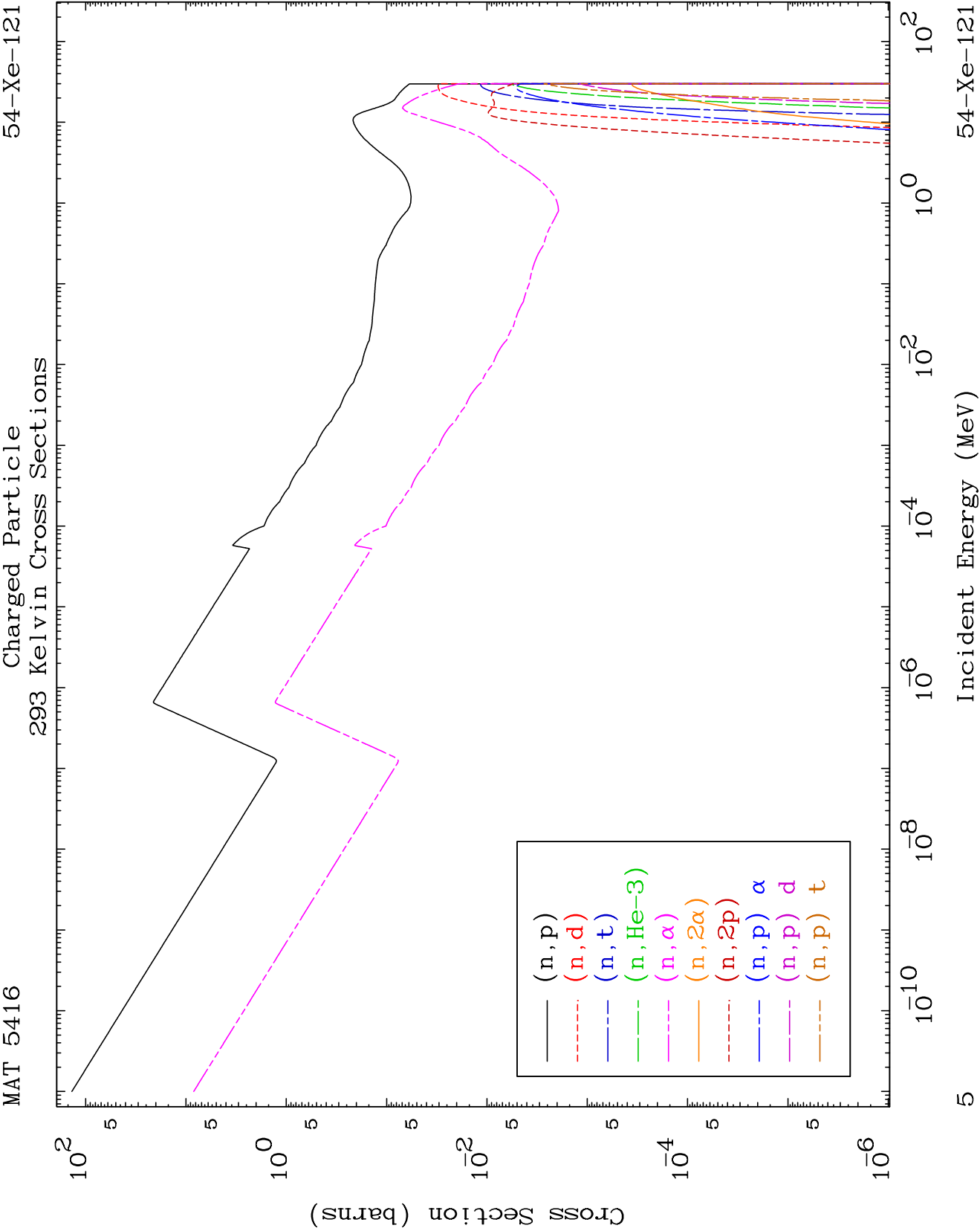
54-Xe-121

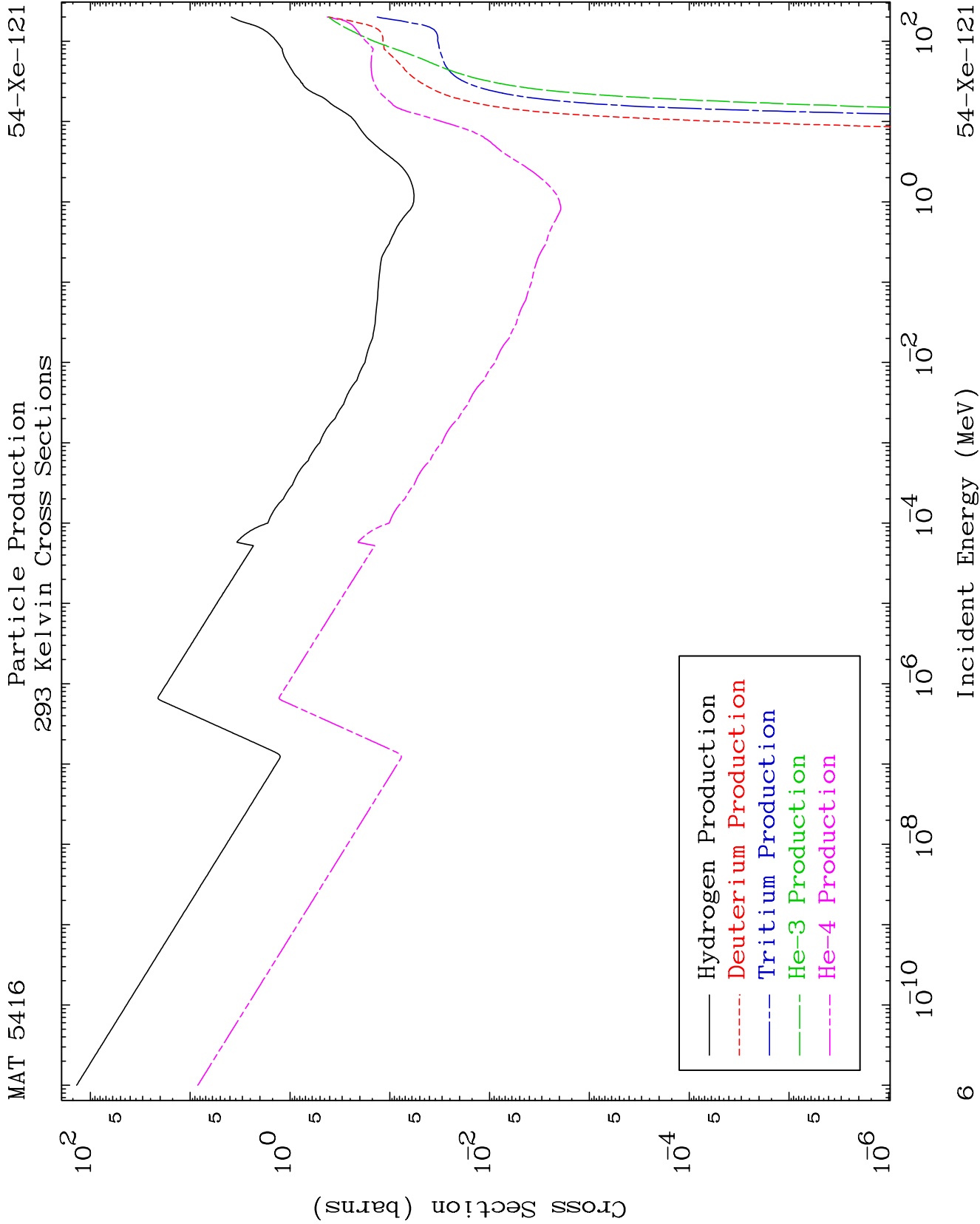


Incident Energy (MeV)

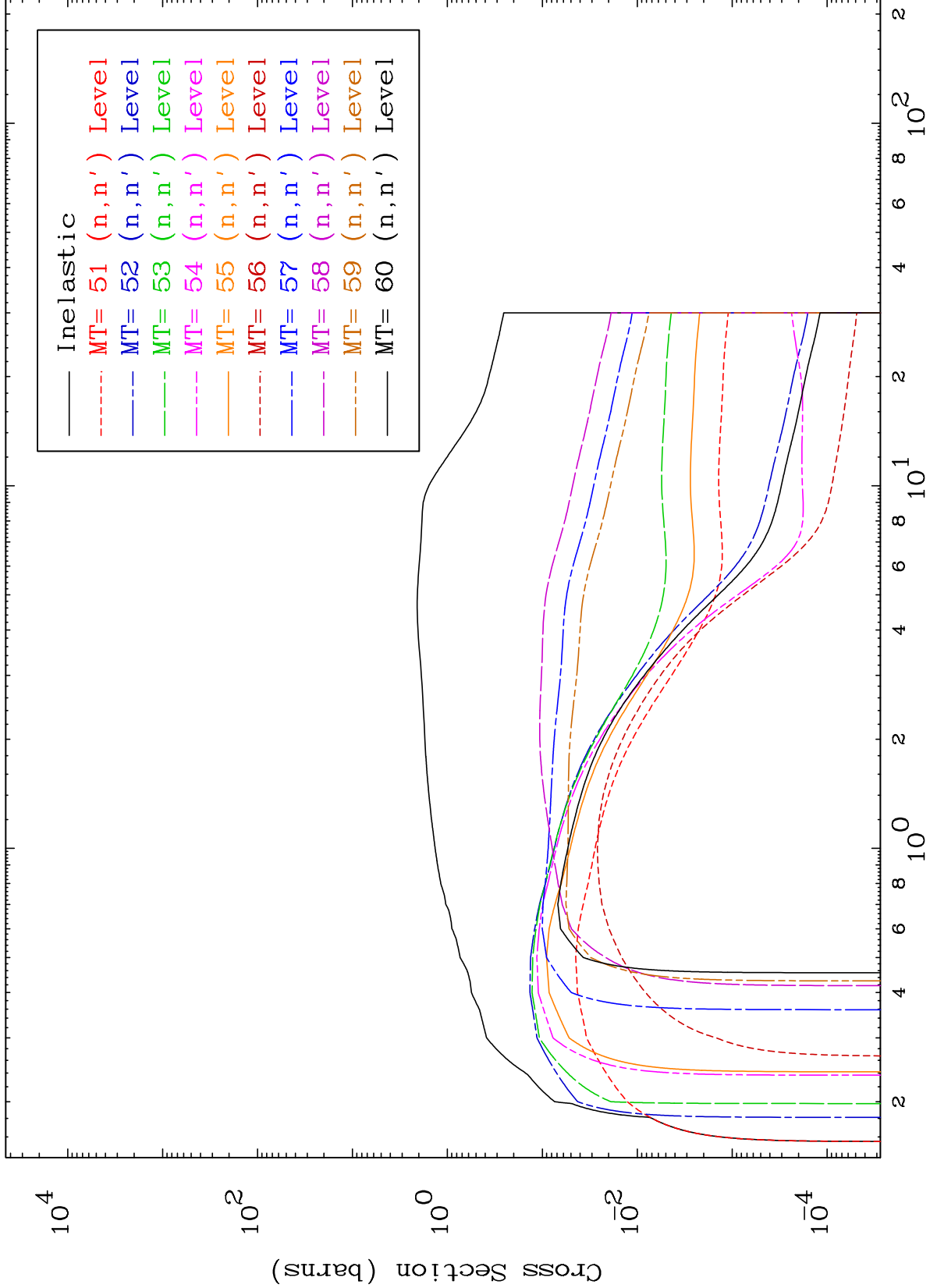
54-Xe-121

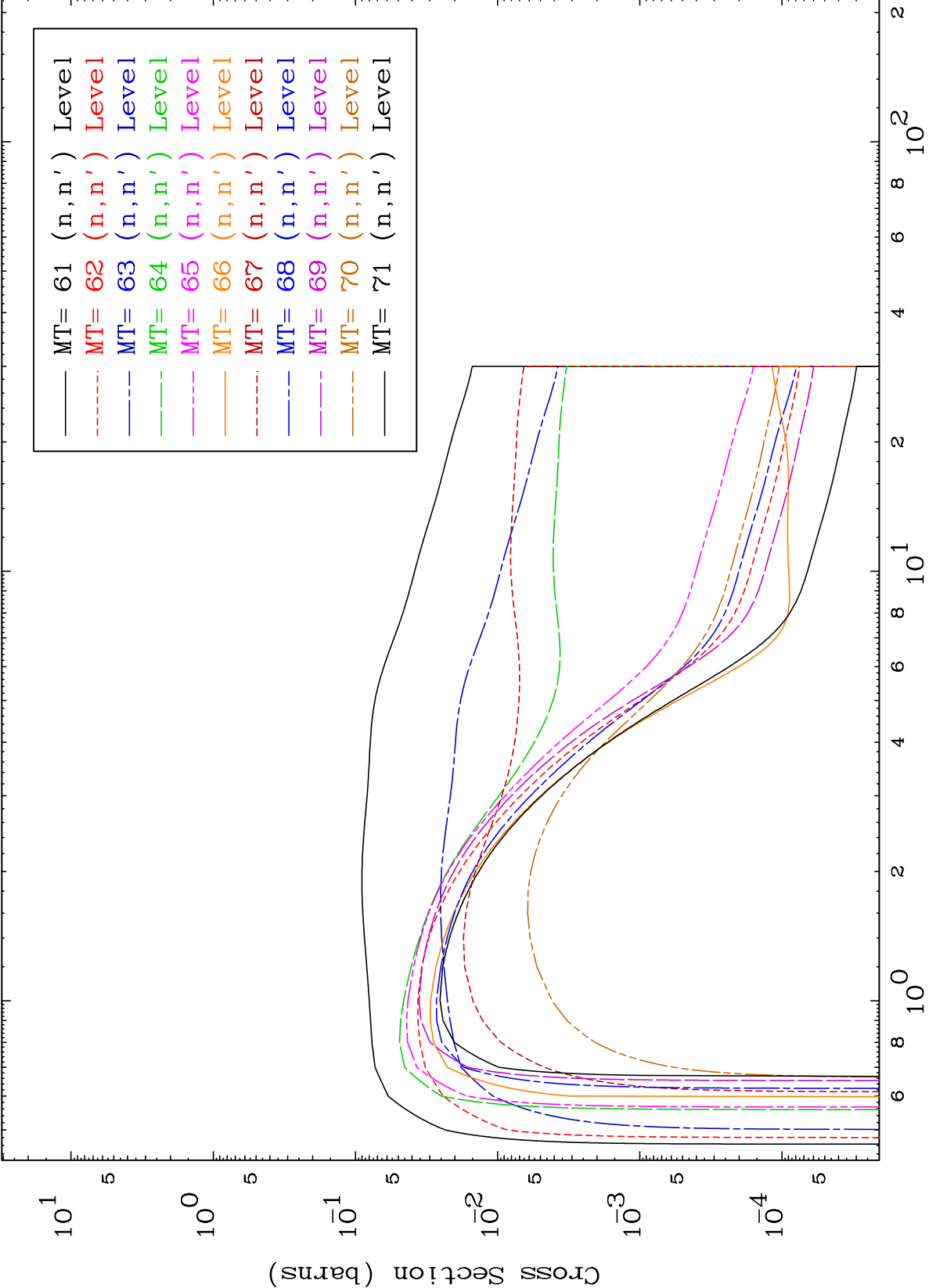


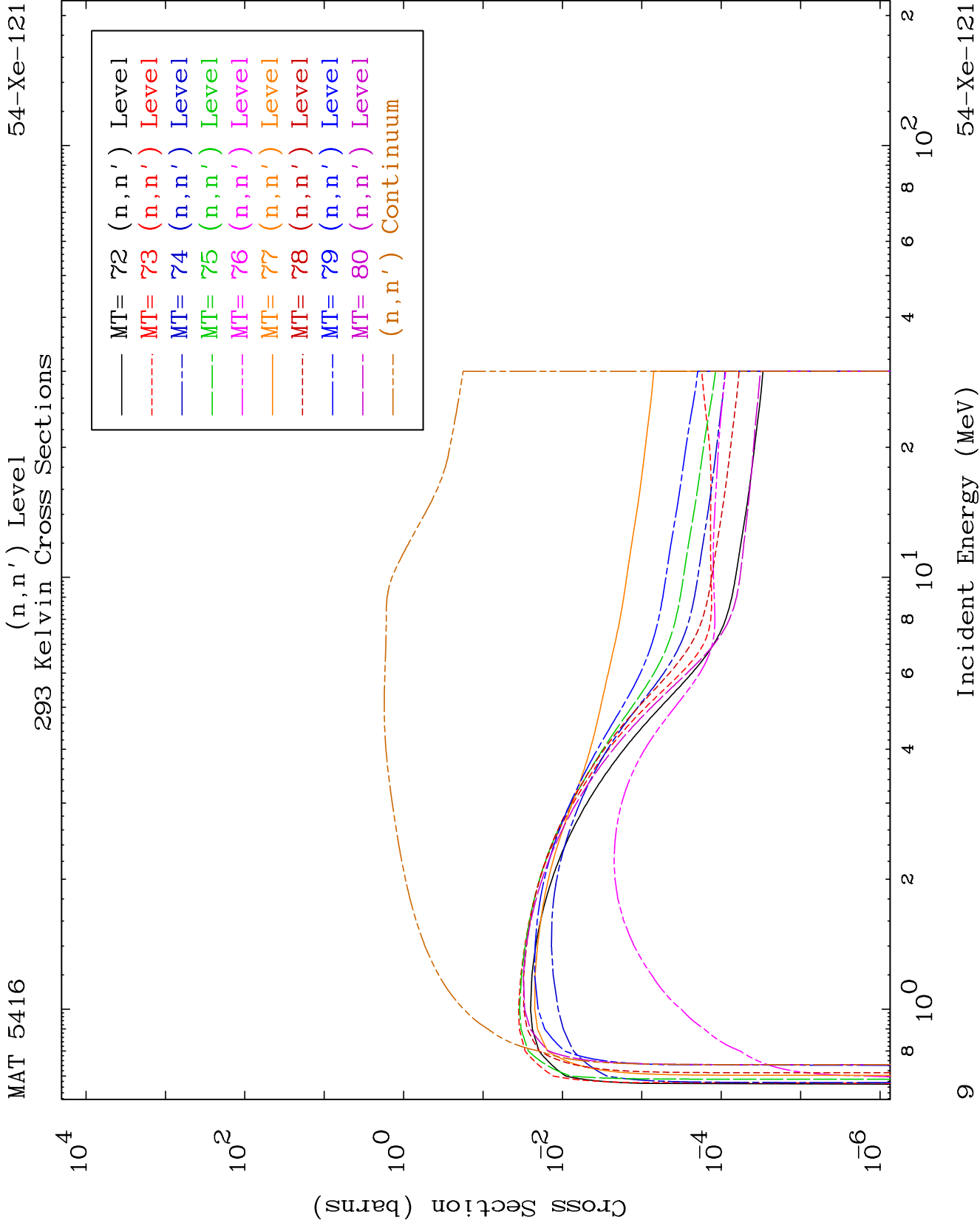


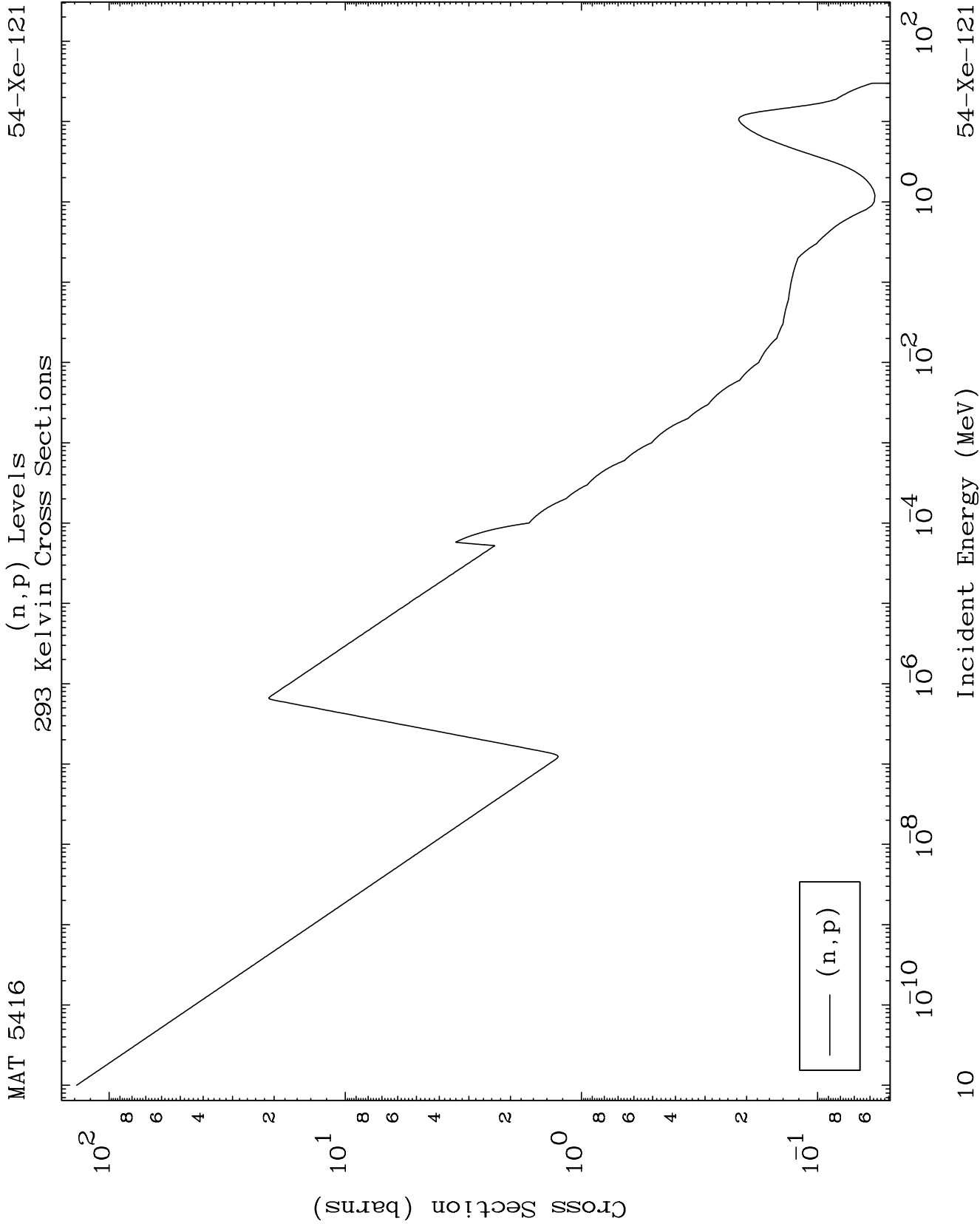


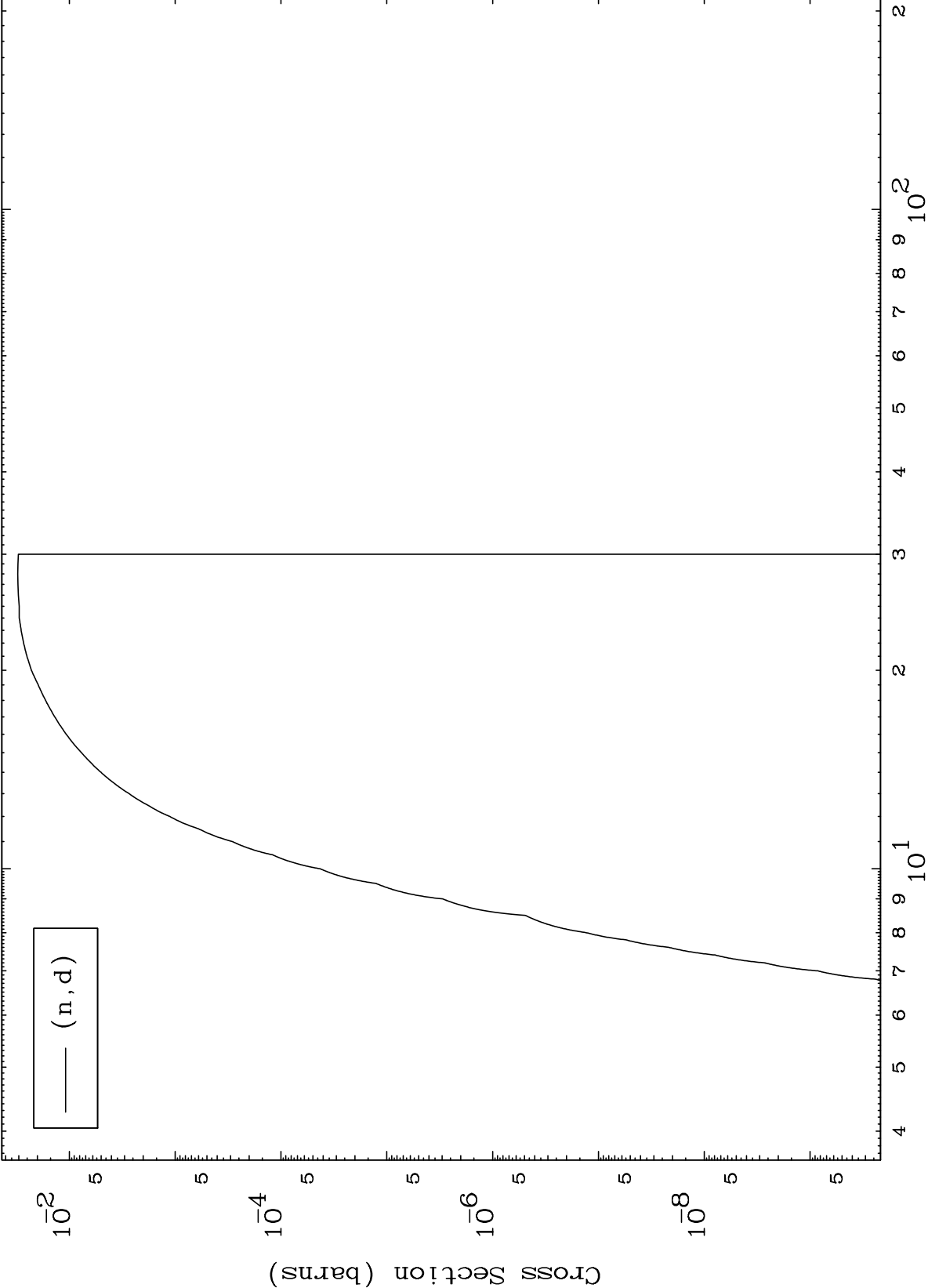
293 Kelvin Cross Sections

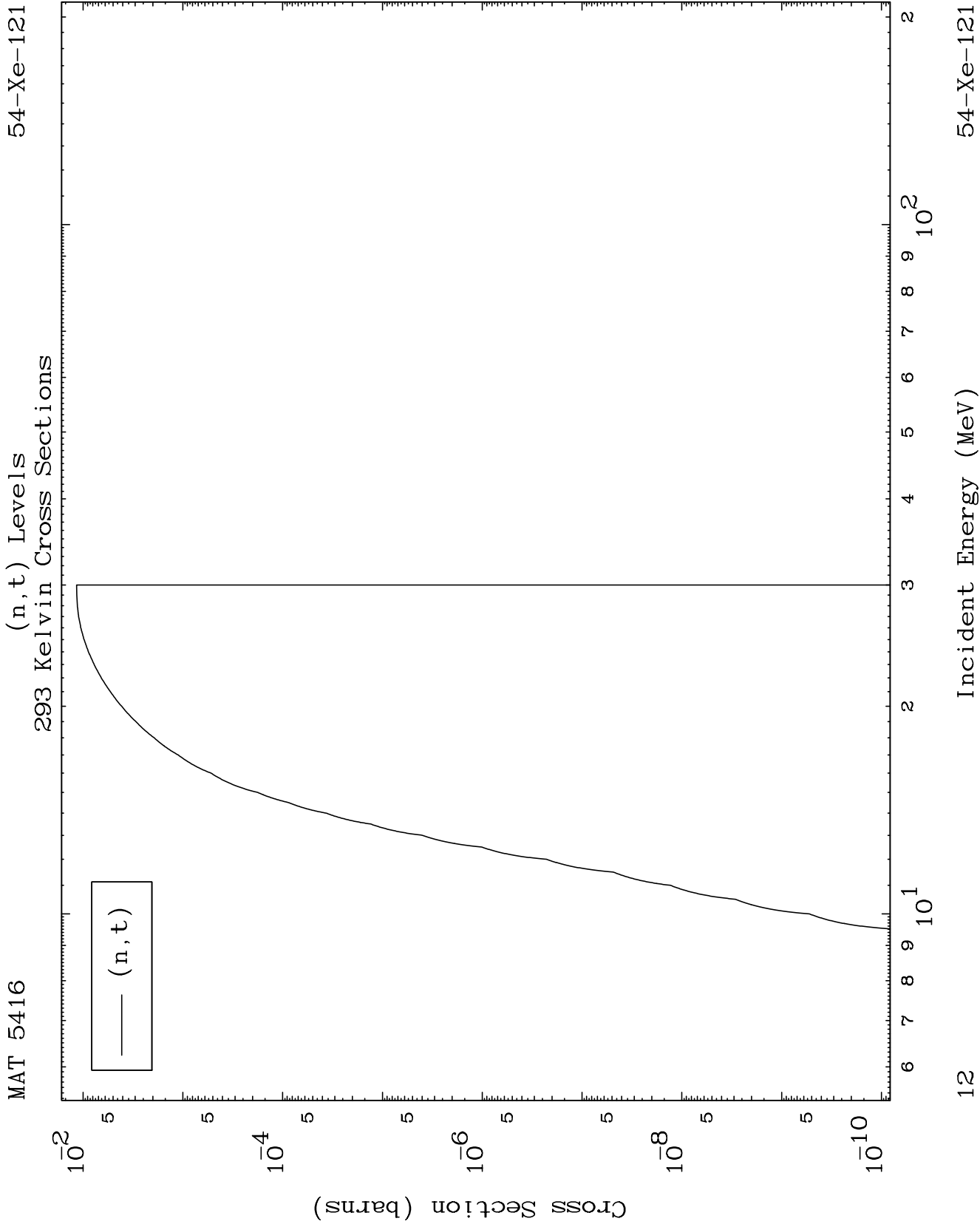








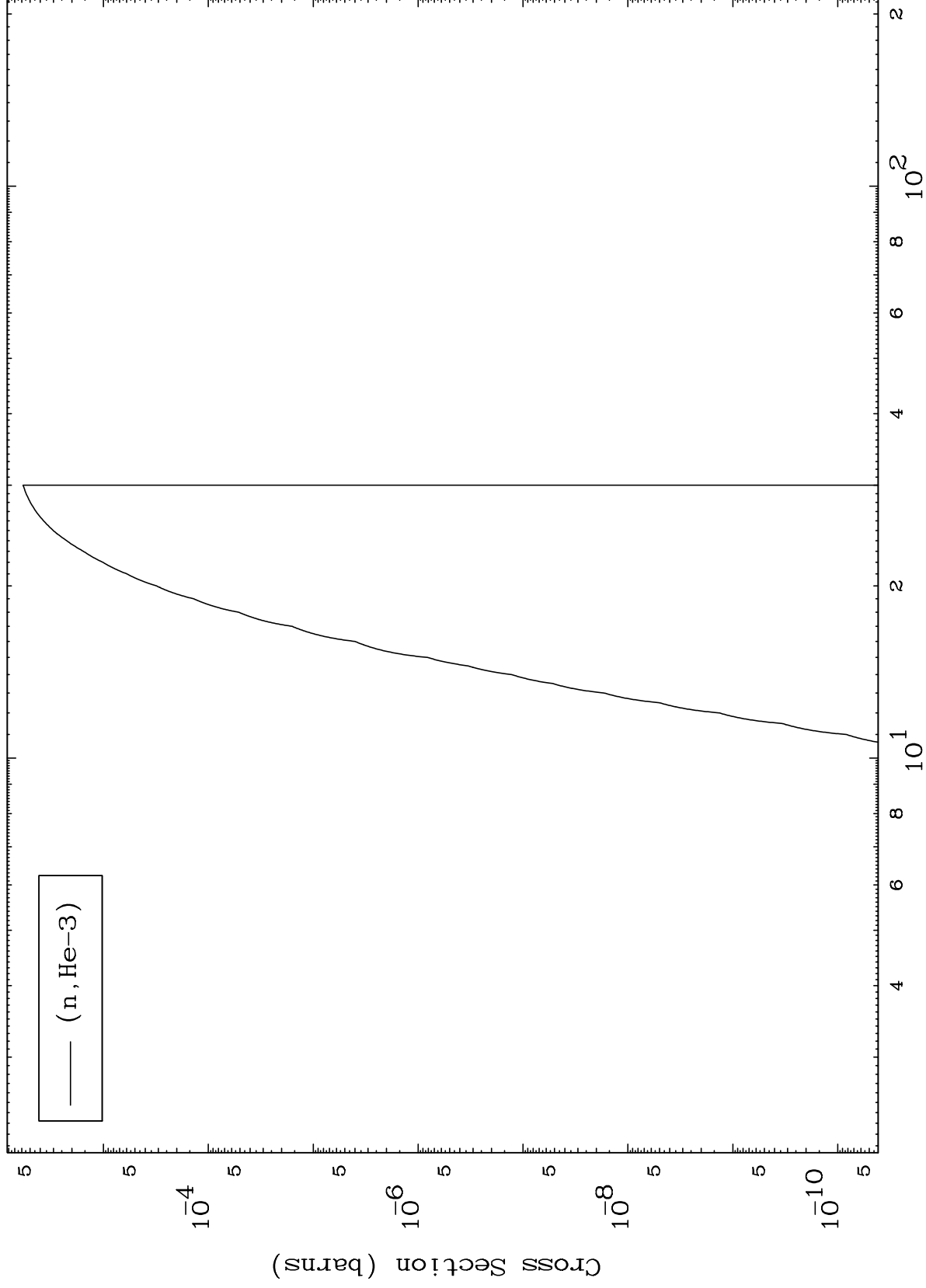




MAT 5416

54-Xe-121

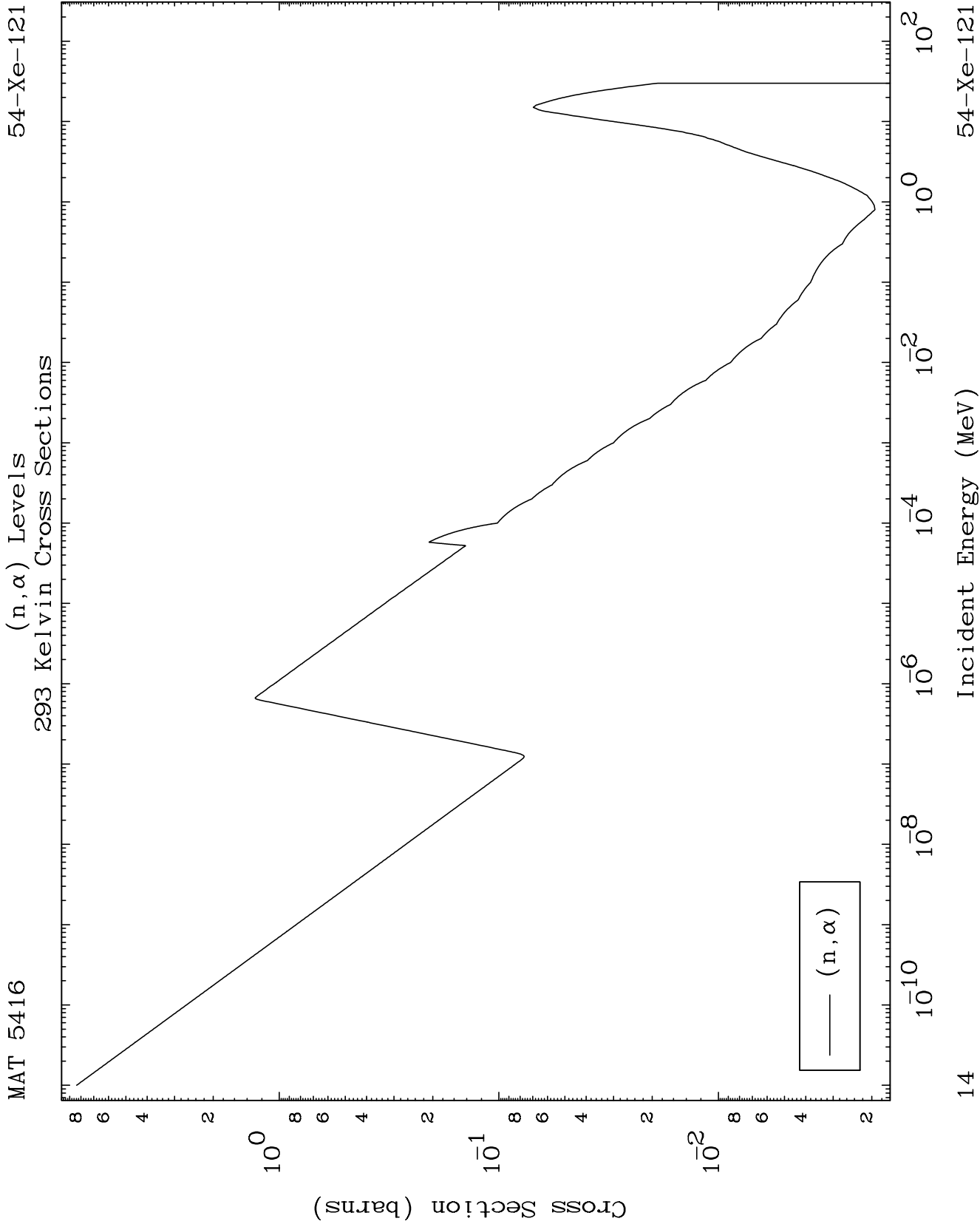
(n,He3) Levels
293 Kelvin Cross Sections

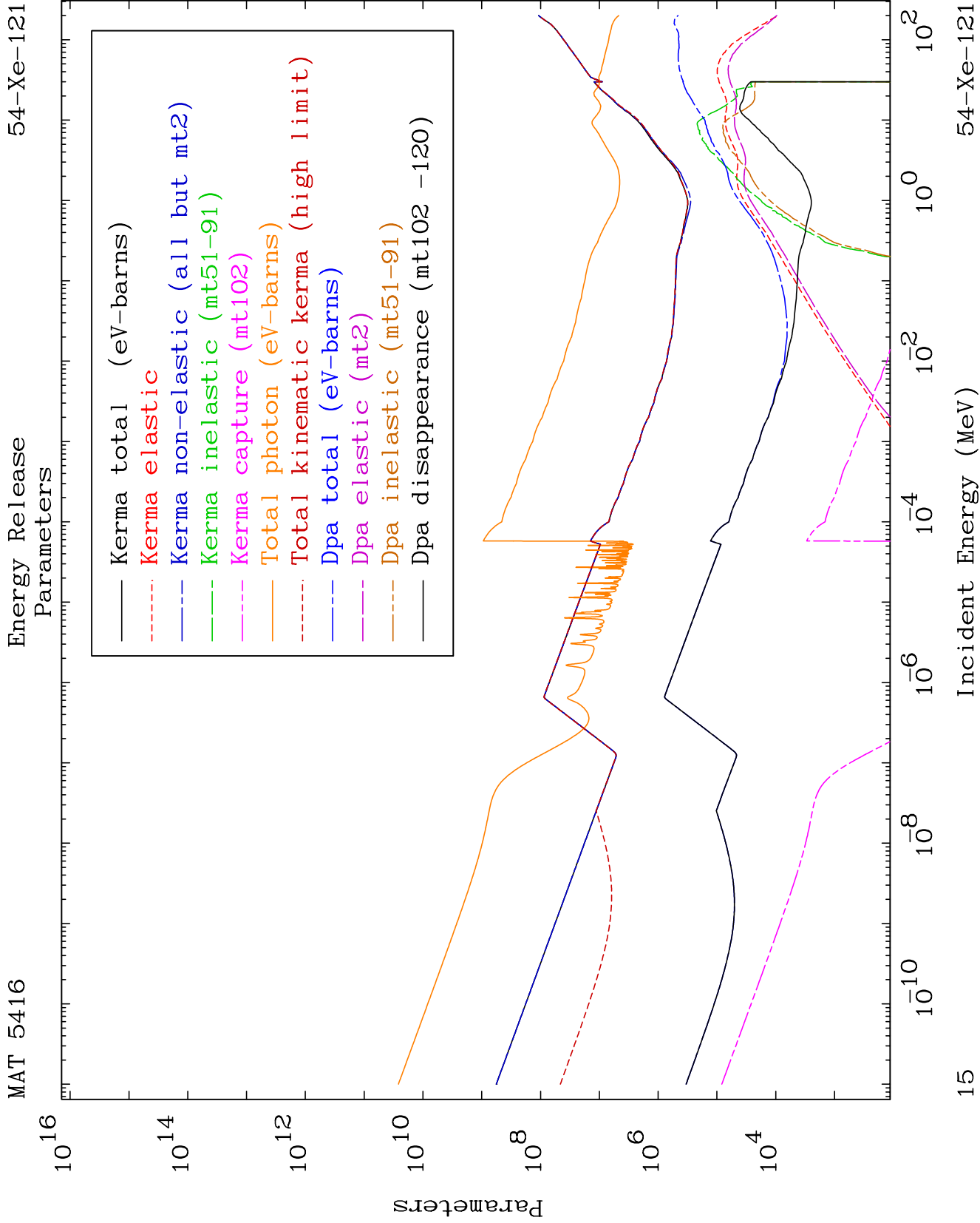


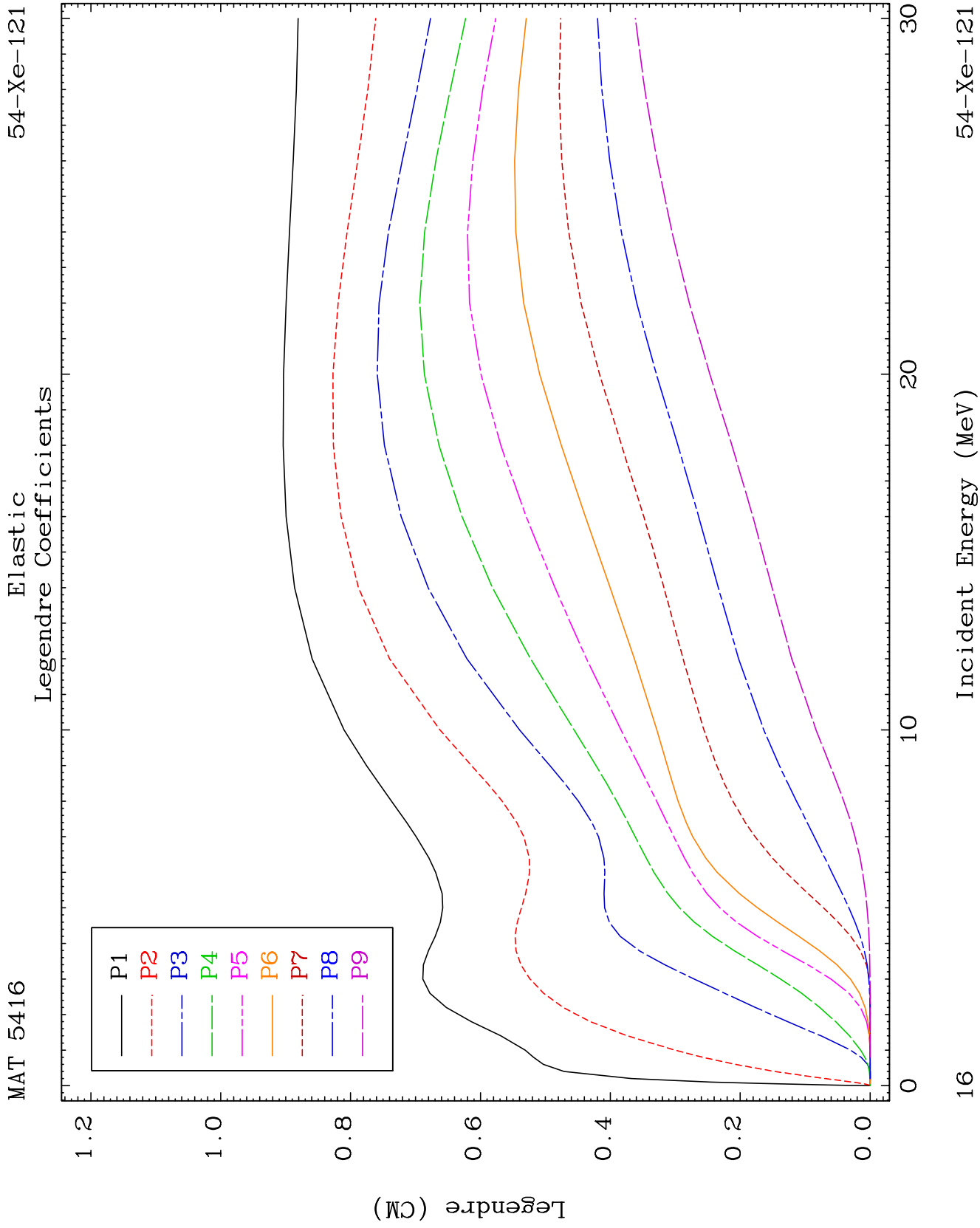
13

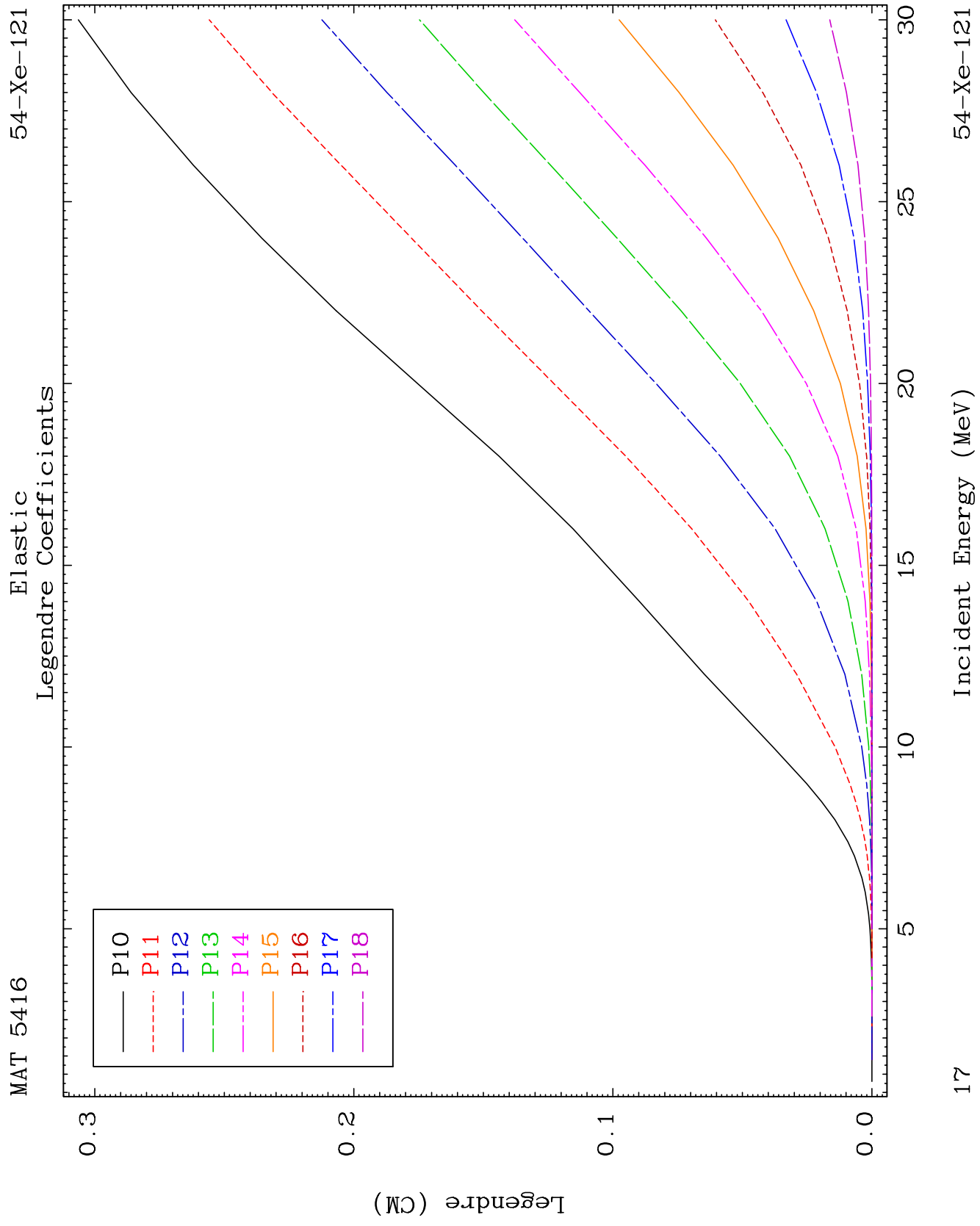
Incident Energy (MeV)

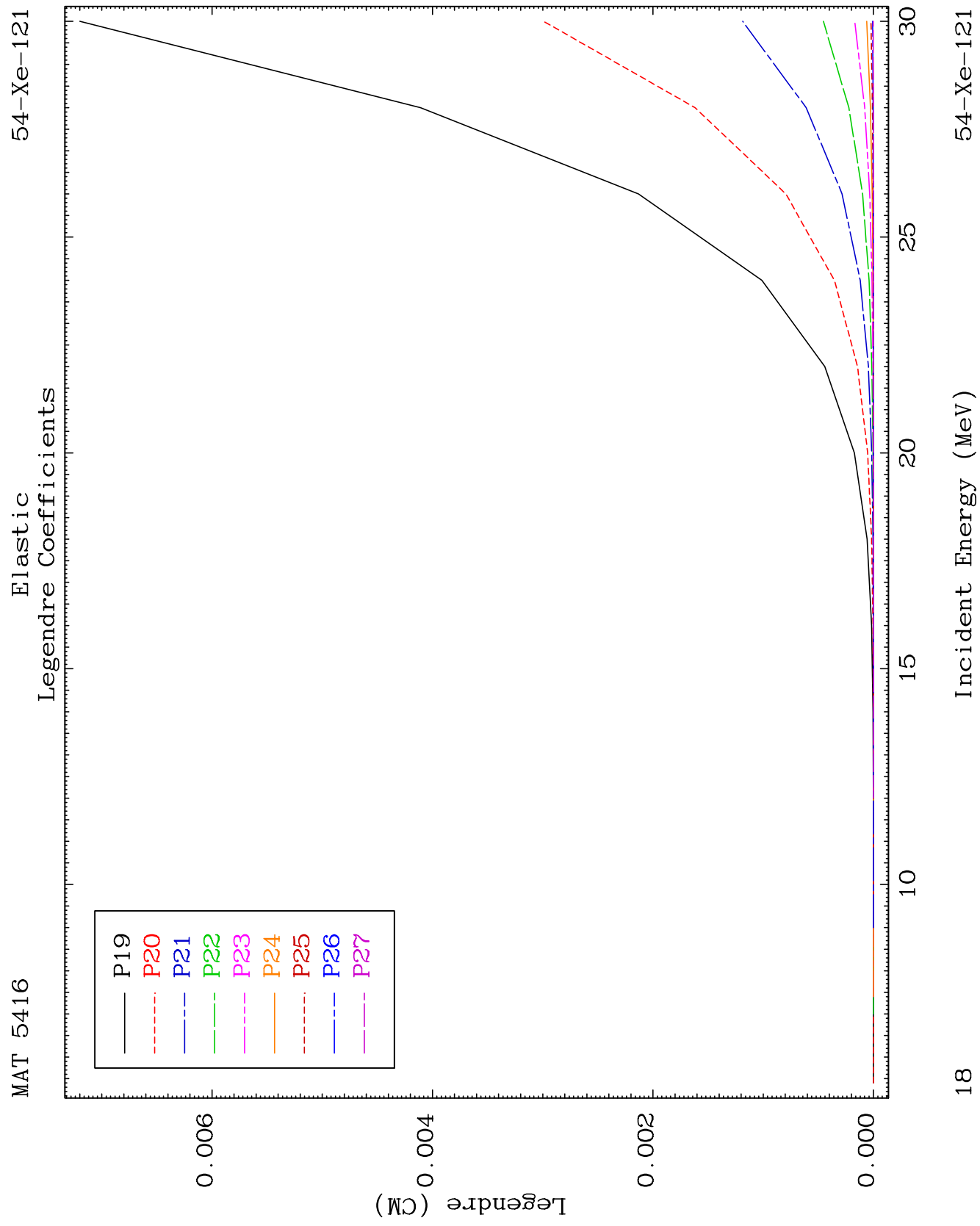
54-Xe-121

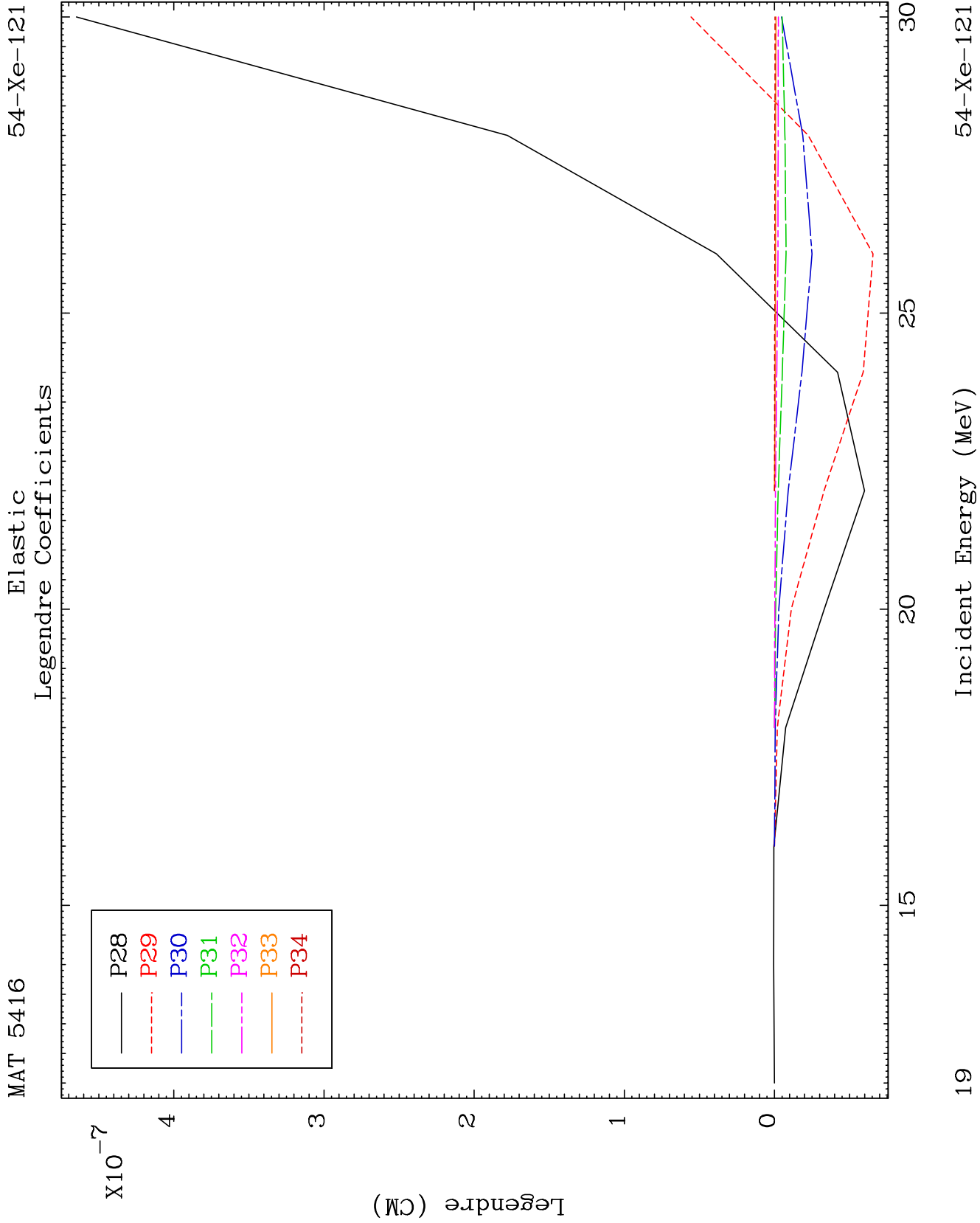


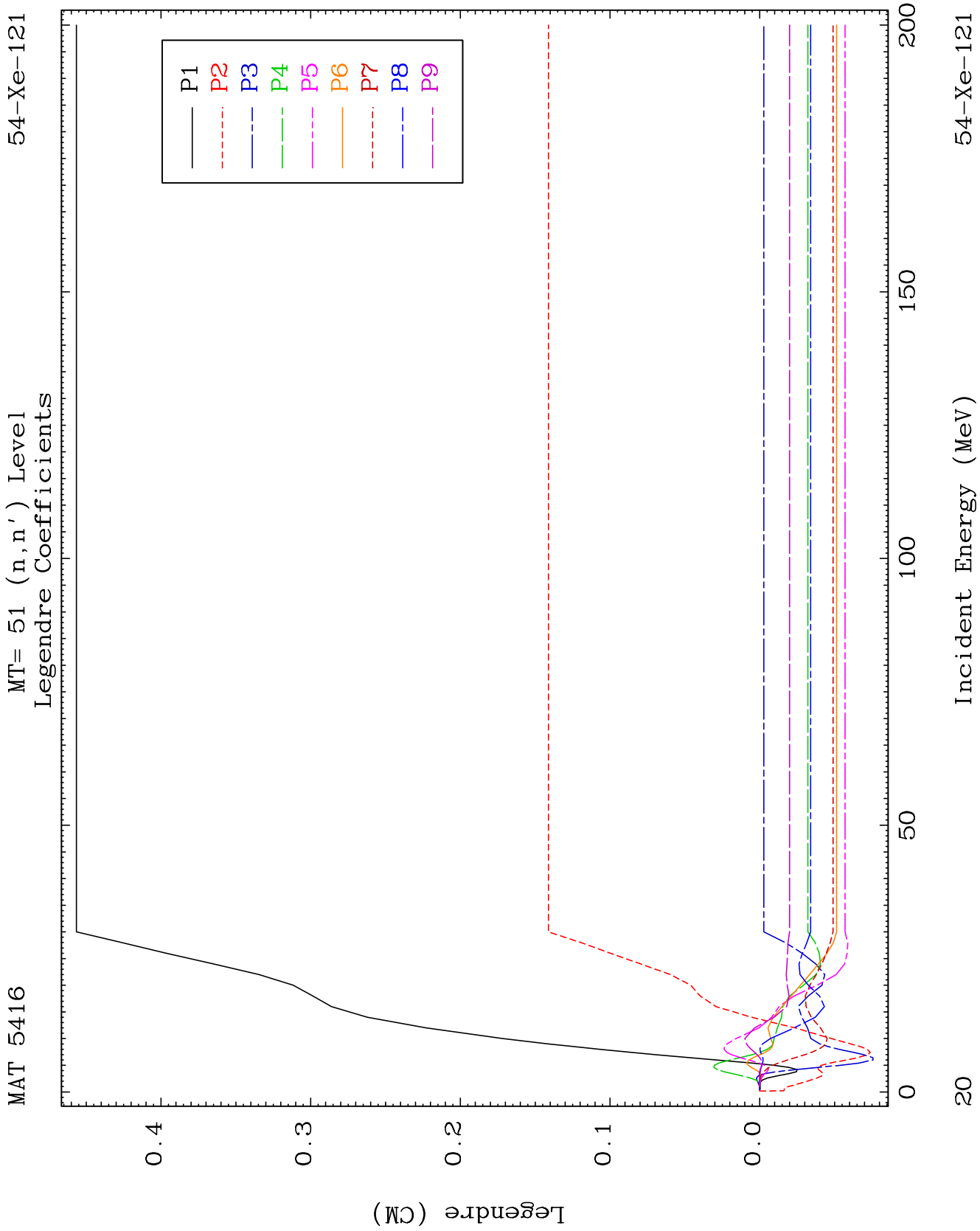








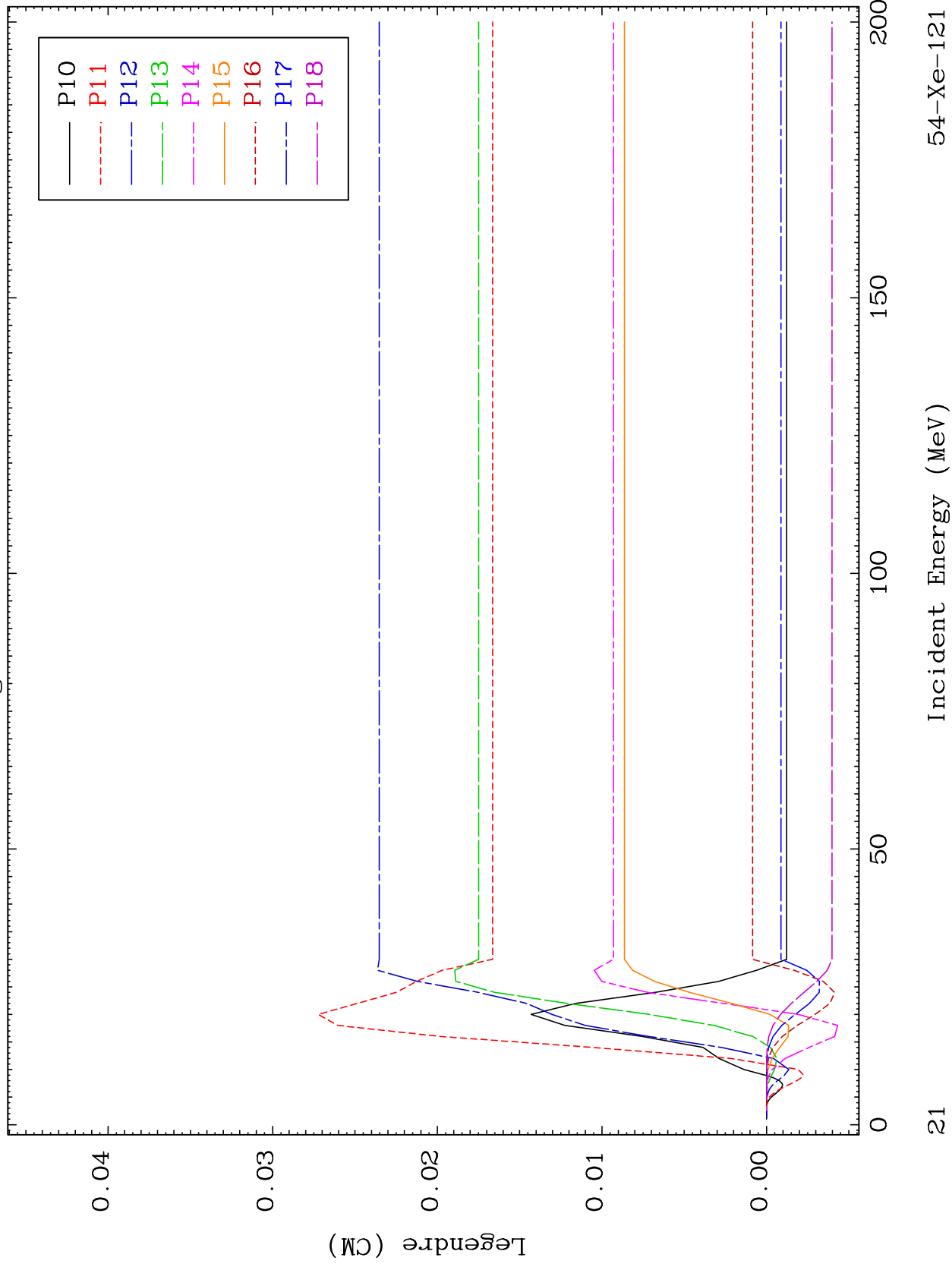




MAT 5416

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

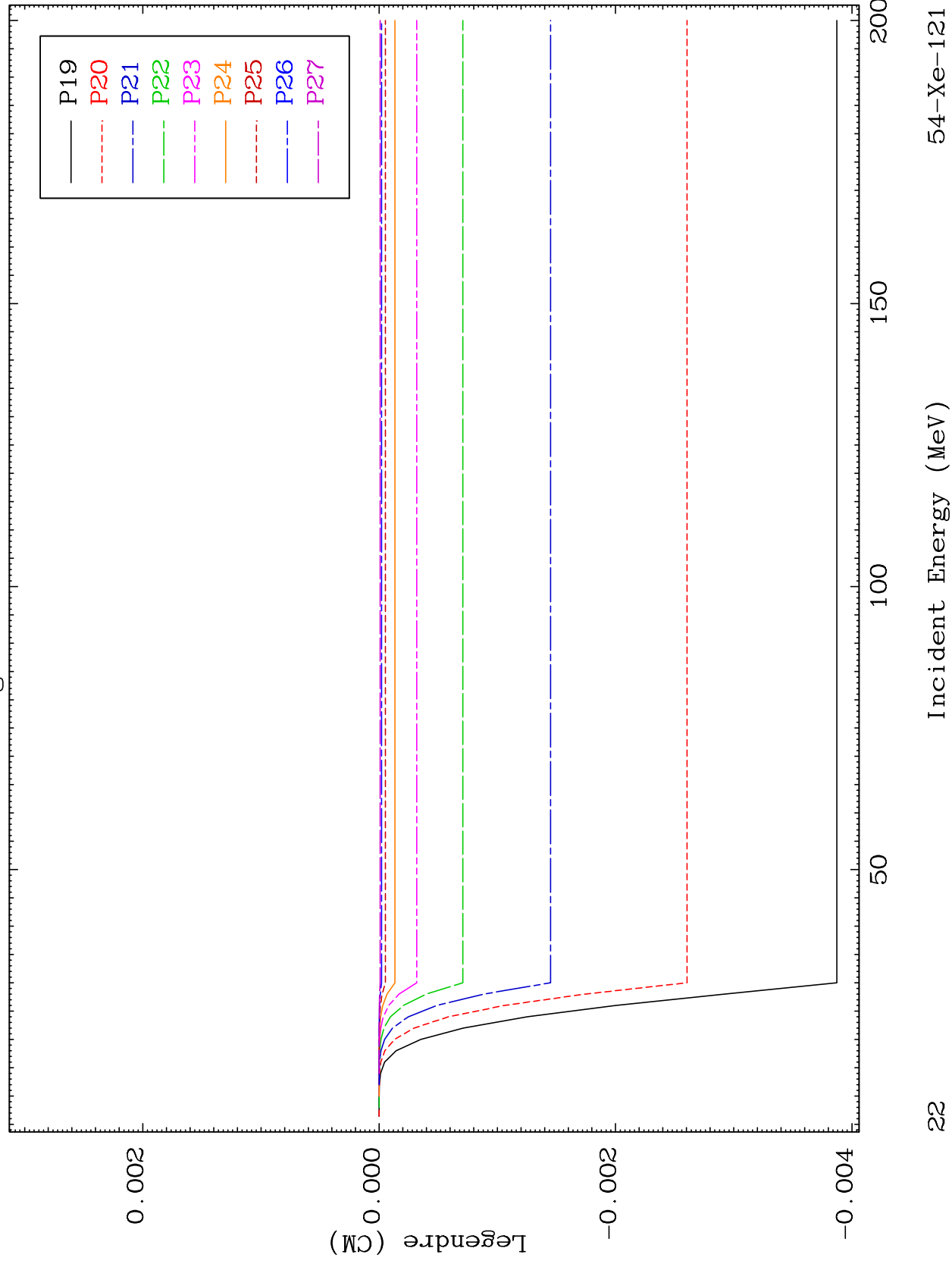
54-Xe-121

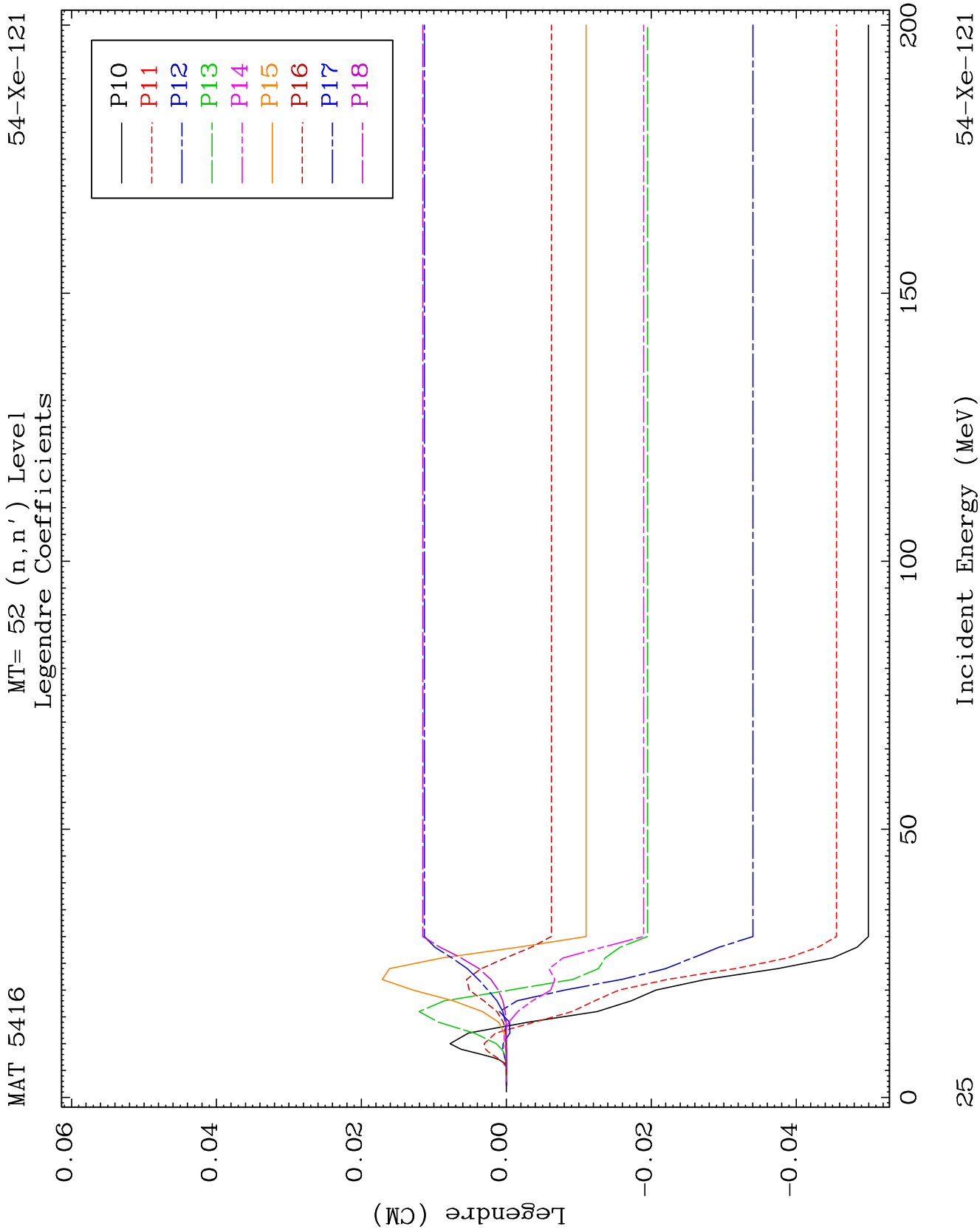


MAT 5416

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

54-Xe-121

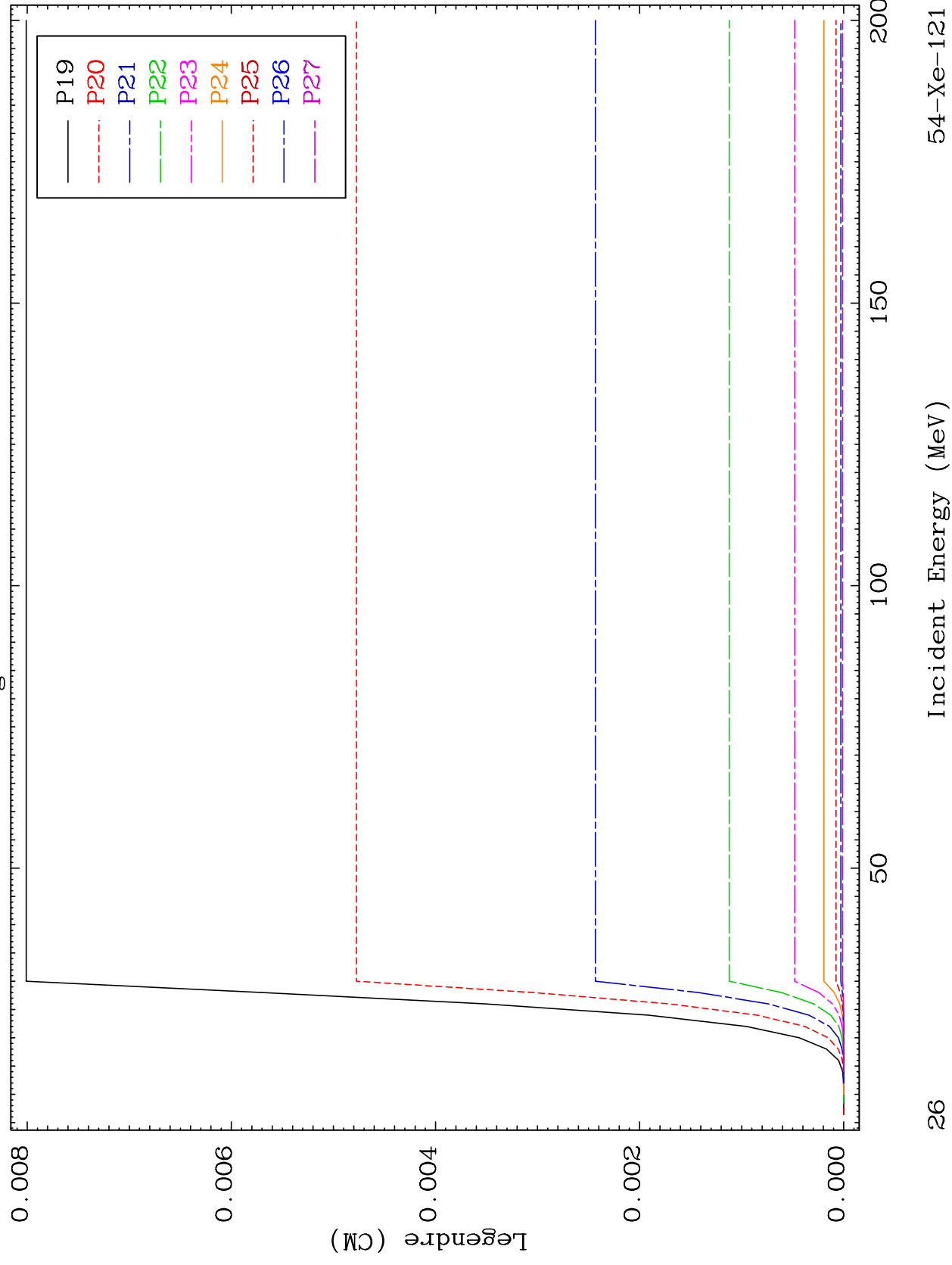


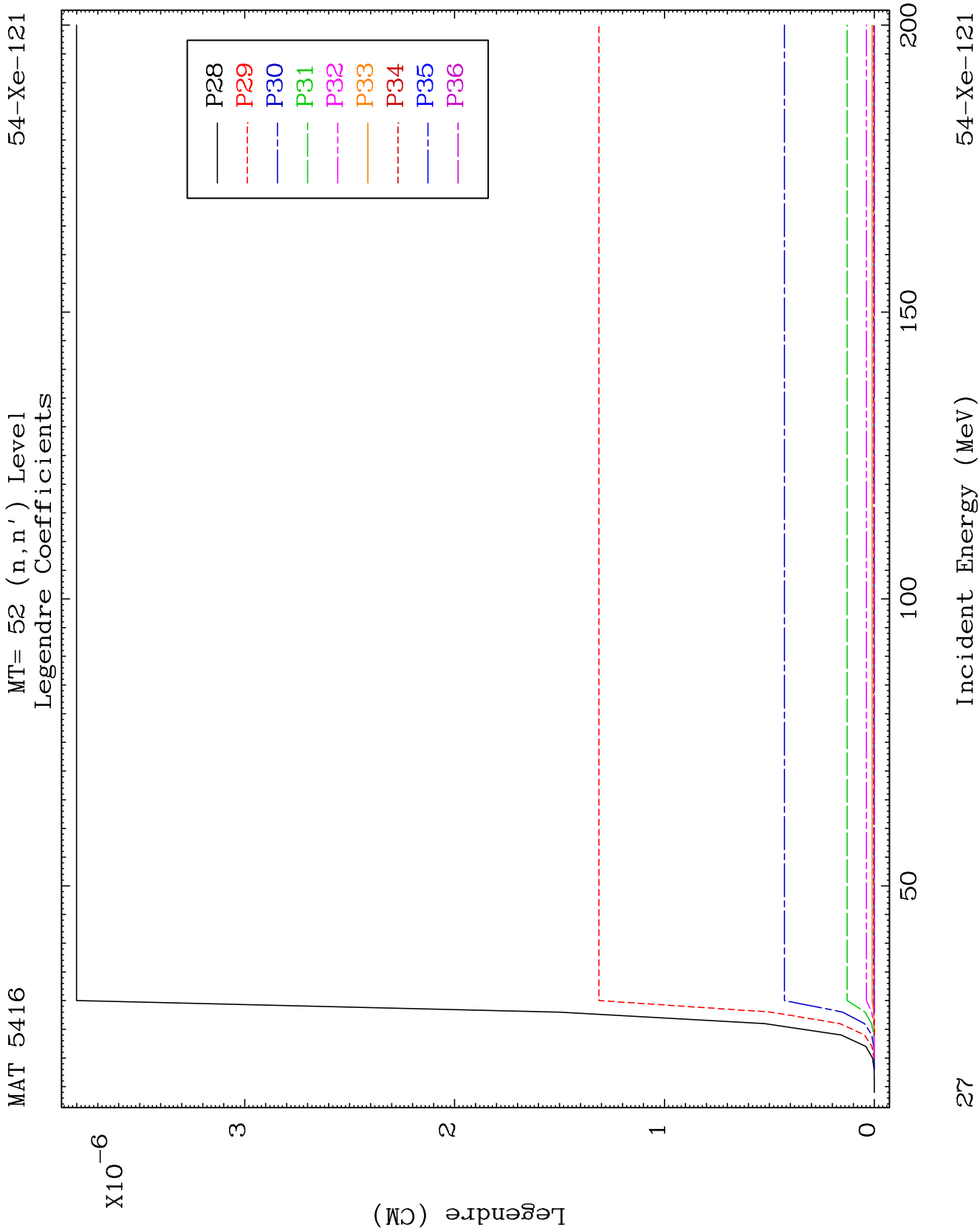


MAT 5416

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

54-Xe-121

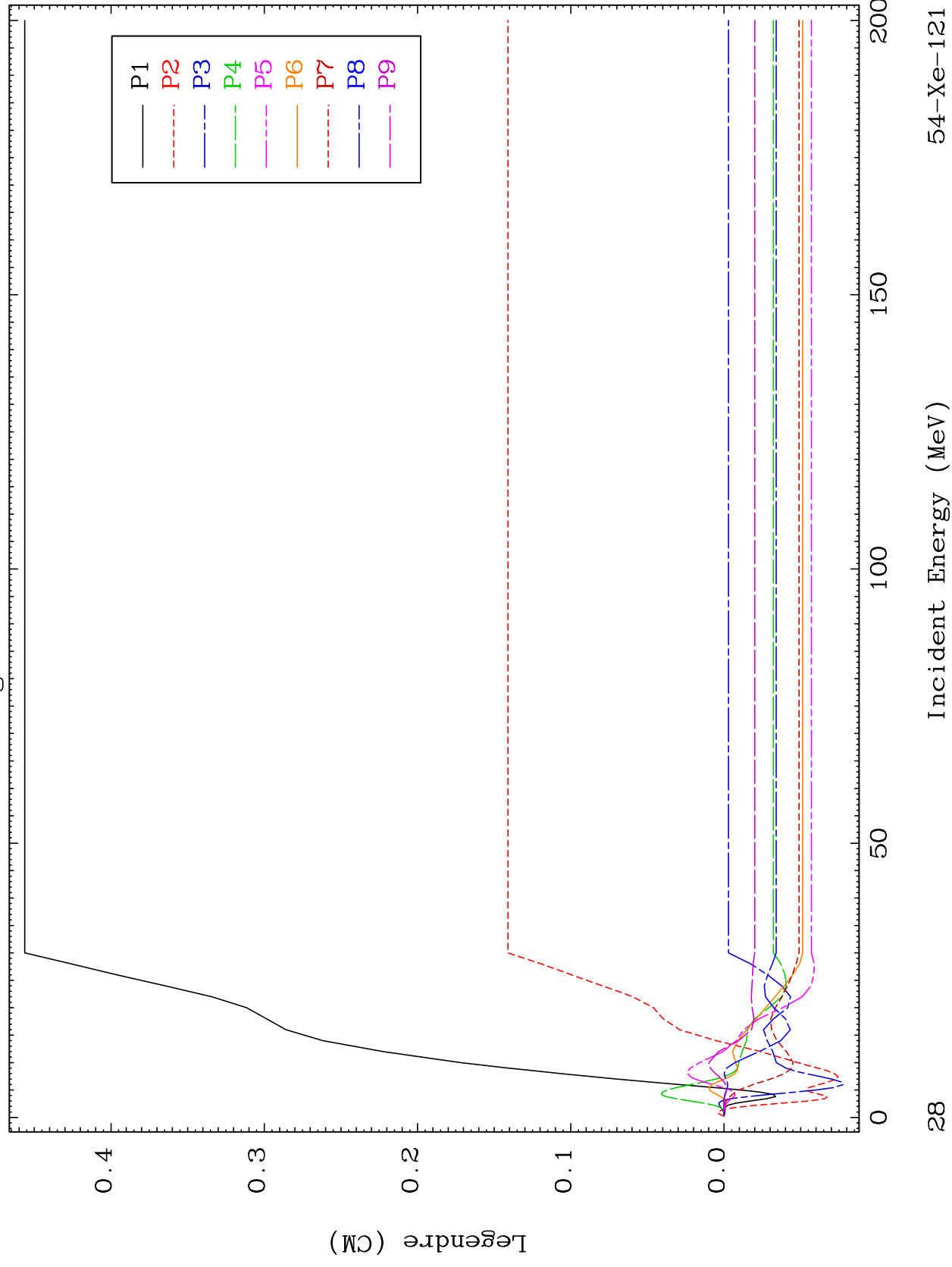




MAT 5416

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

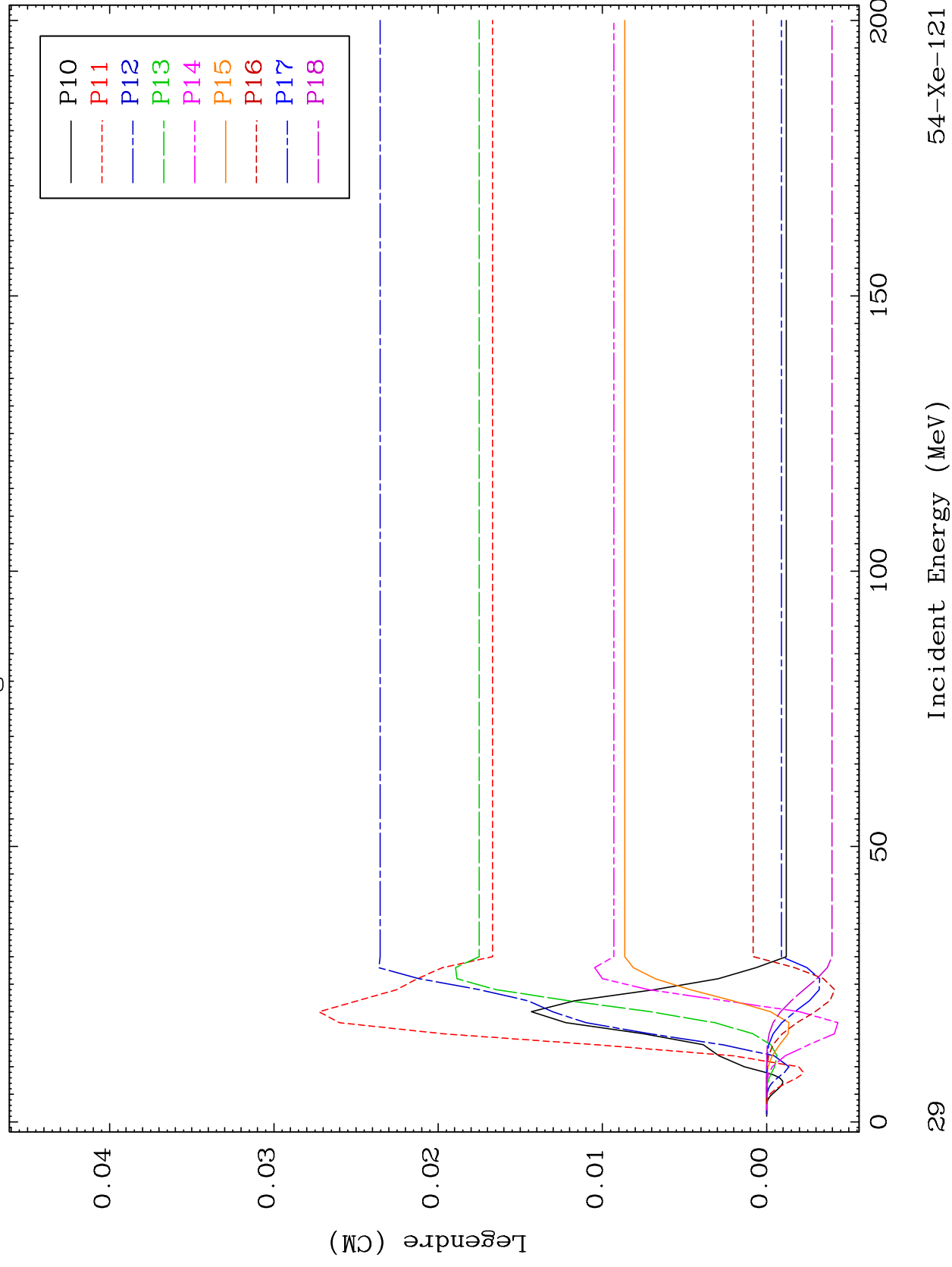
54-Xe-121



MAT 5416

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

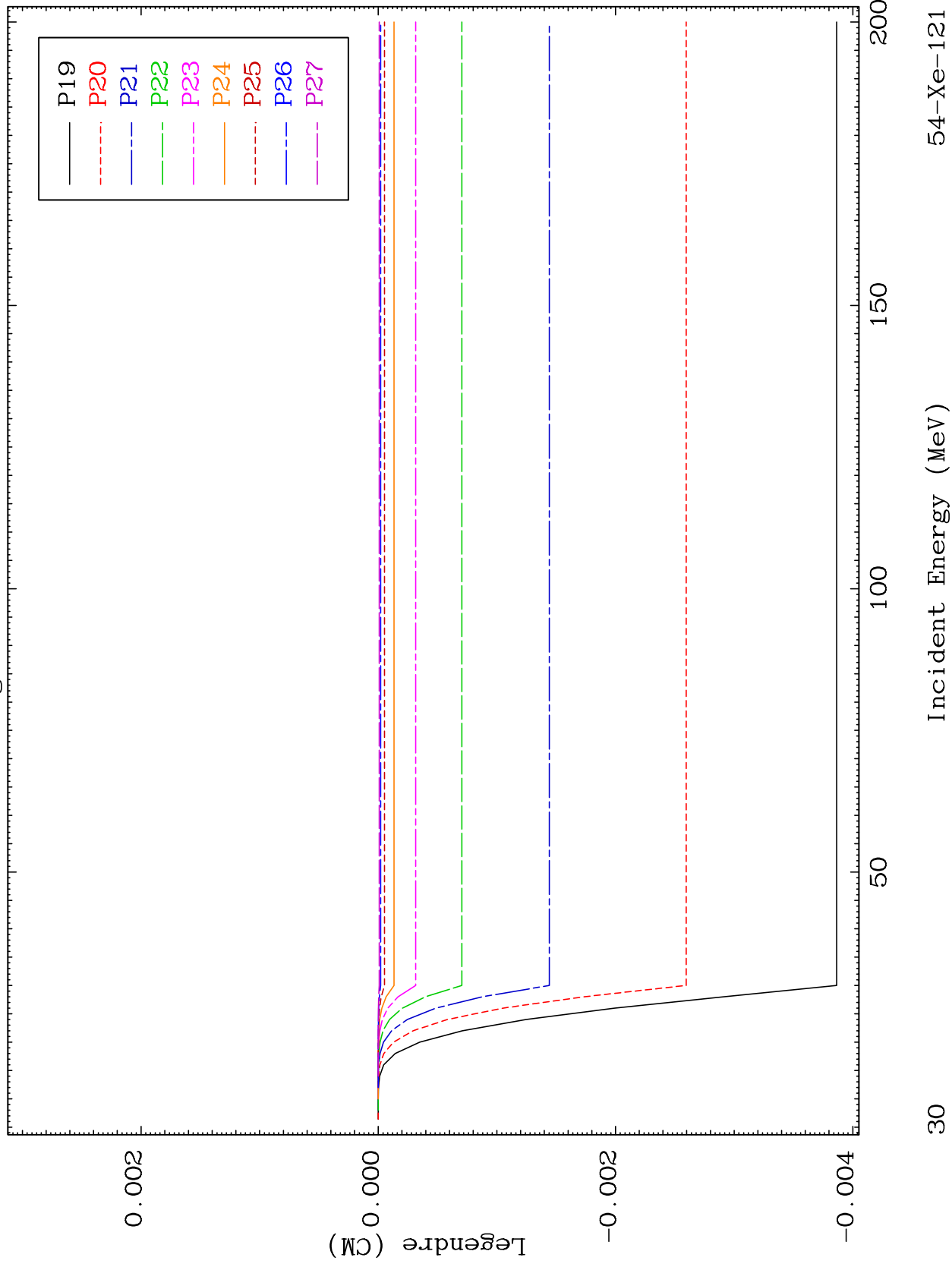
54-Xe-121

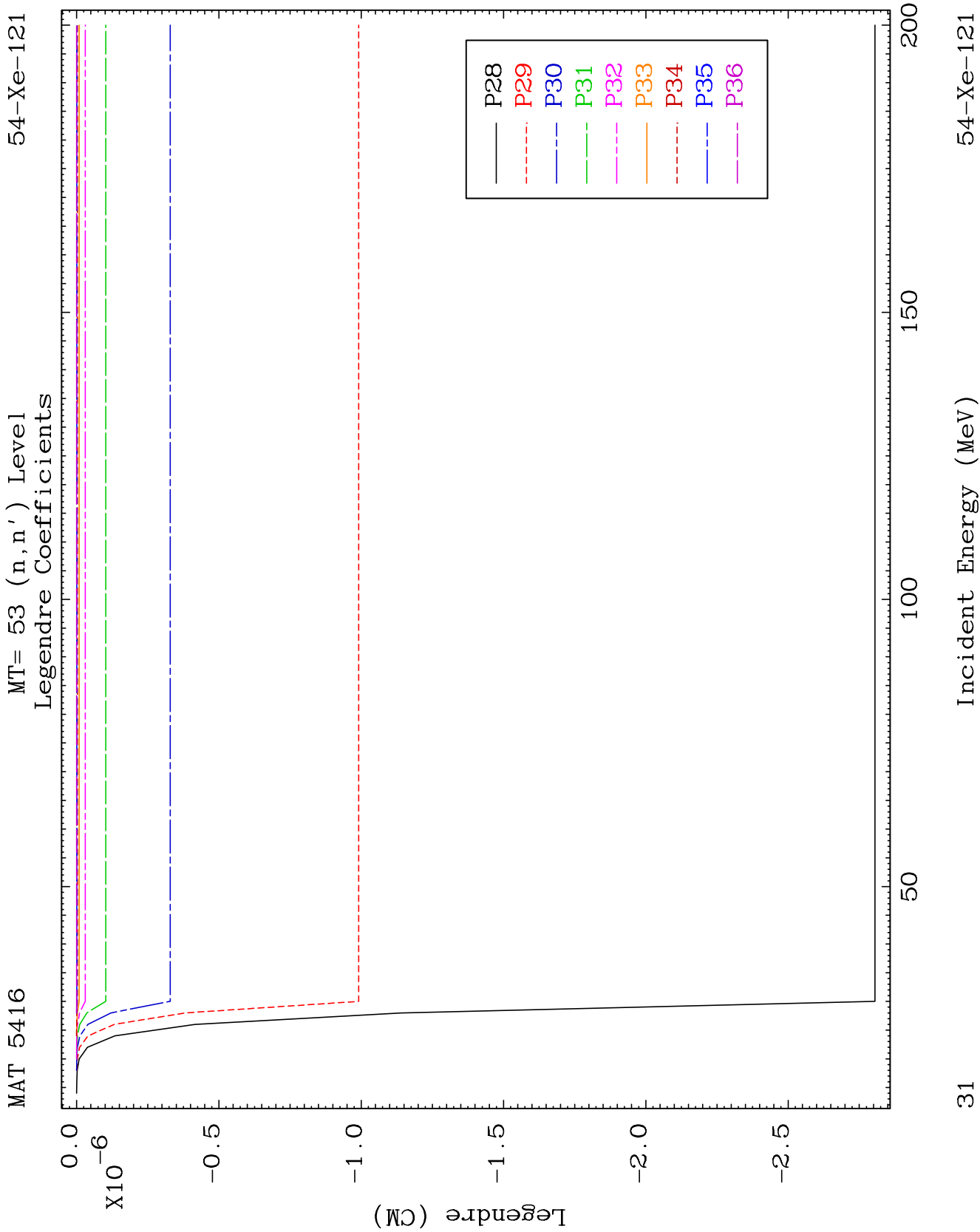


MAT 5416

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

54-Xe-121

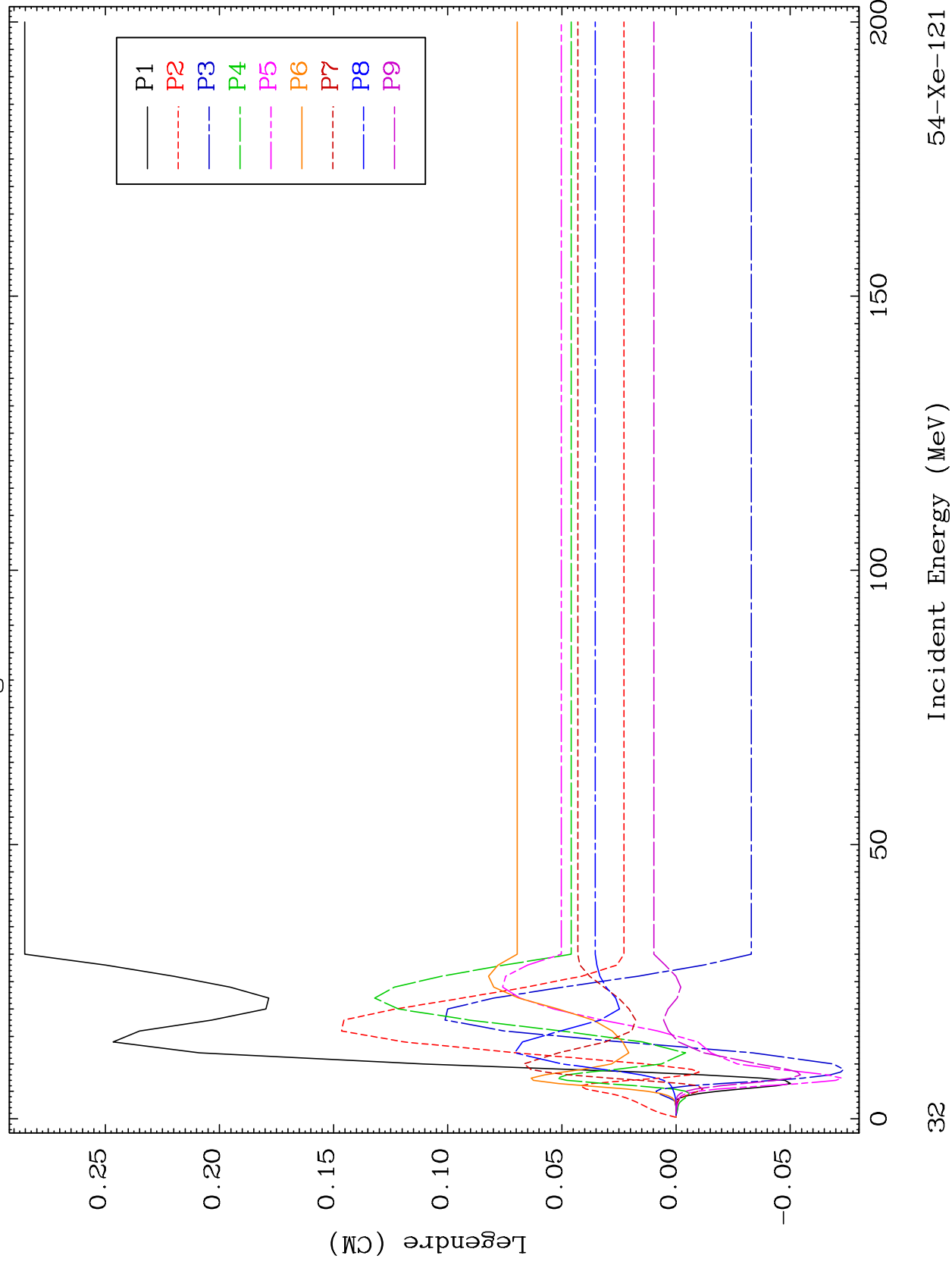




MAT 5416

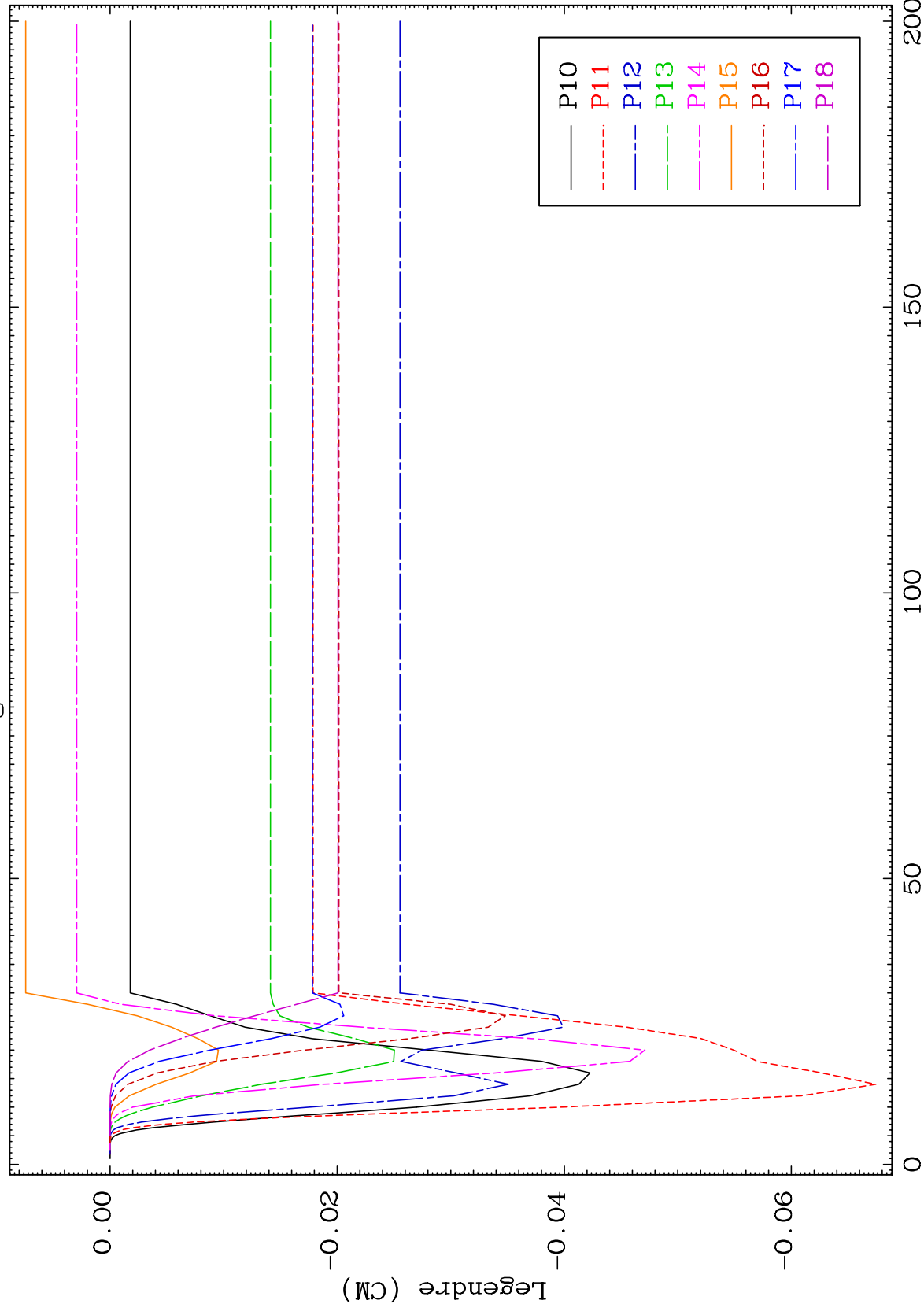
MT= 54 (n, n') Level
Legendre Coefficients

54-Xe-121



MAT 5416

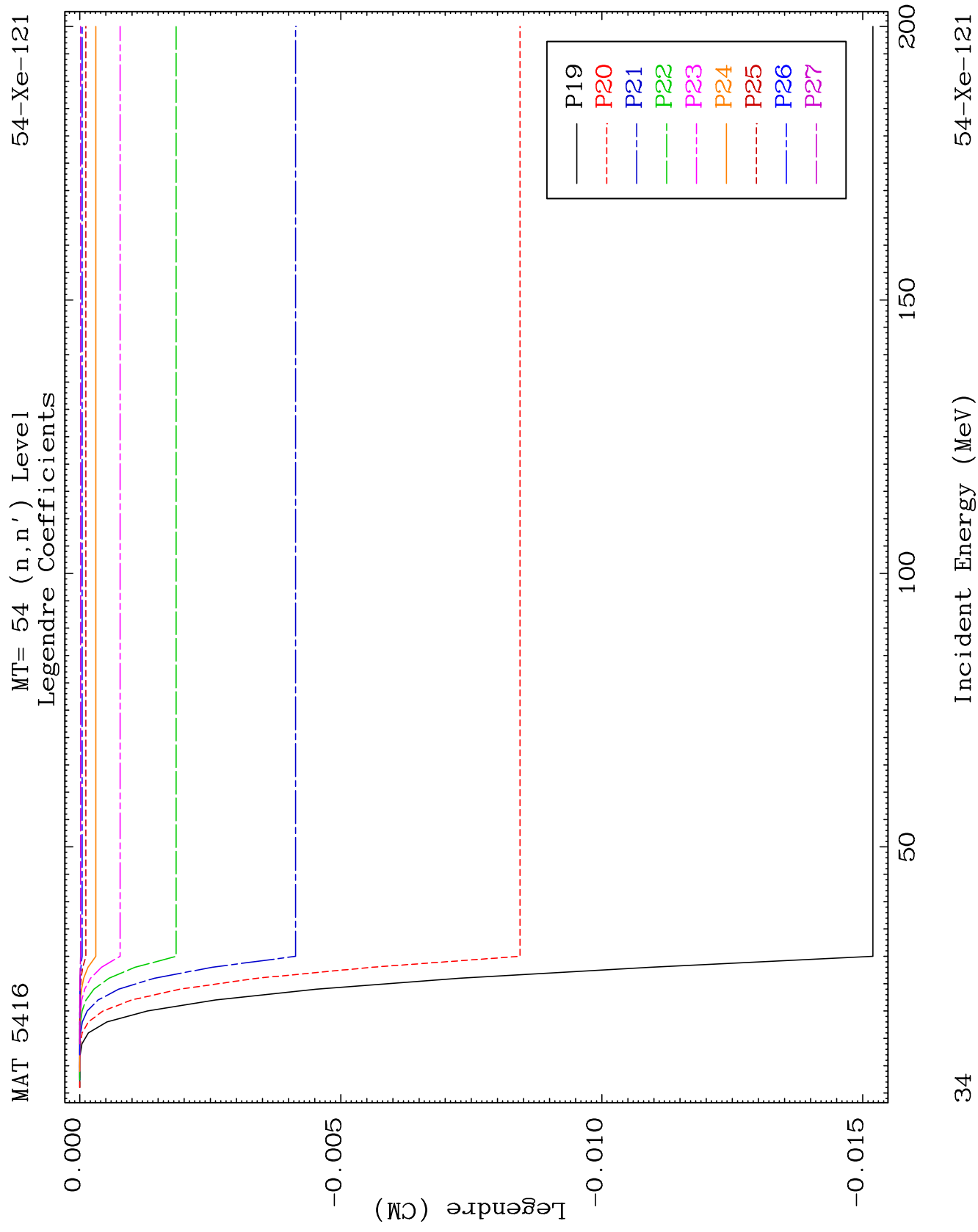
MT= 54 (n, n') Level
Legendre Coefficients

 $^{54}\text{Xe}-121$ 

33

Incident Energy (MeV)

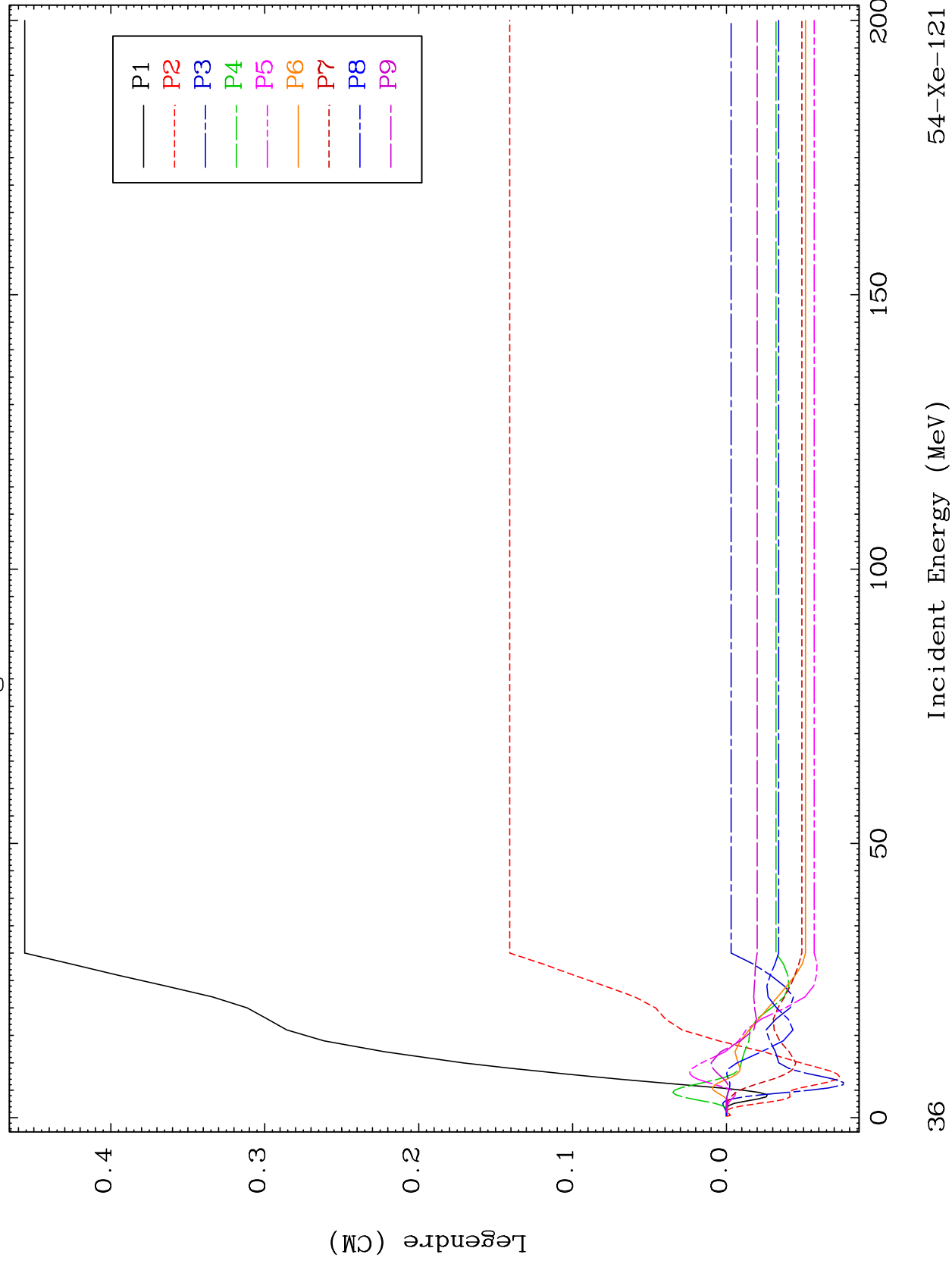
54-Xe-121



MAT 5416

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

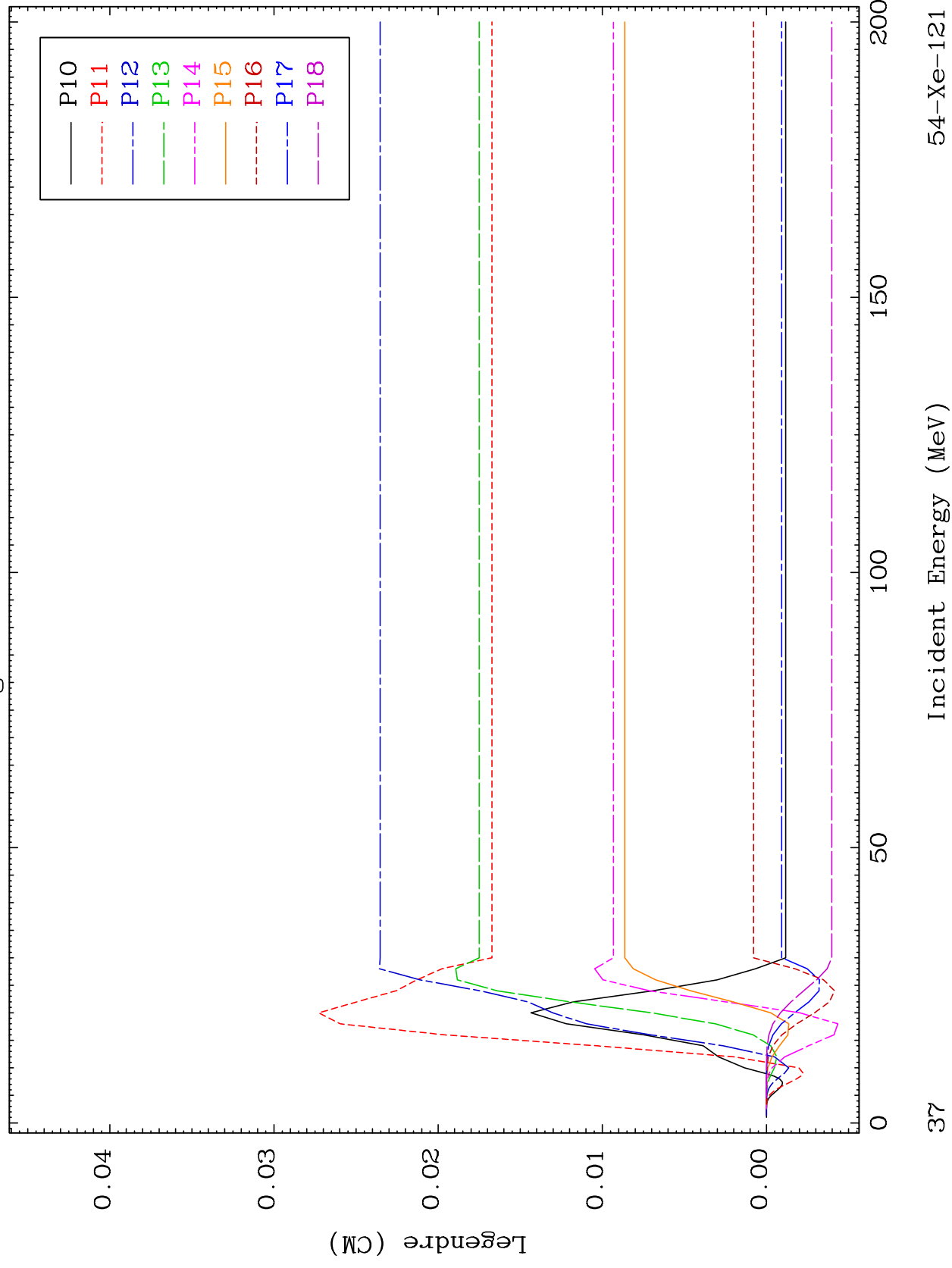
54-Xe-121

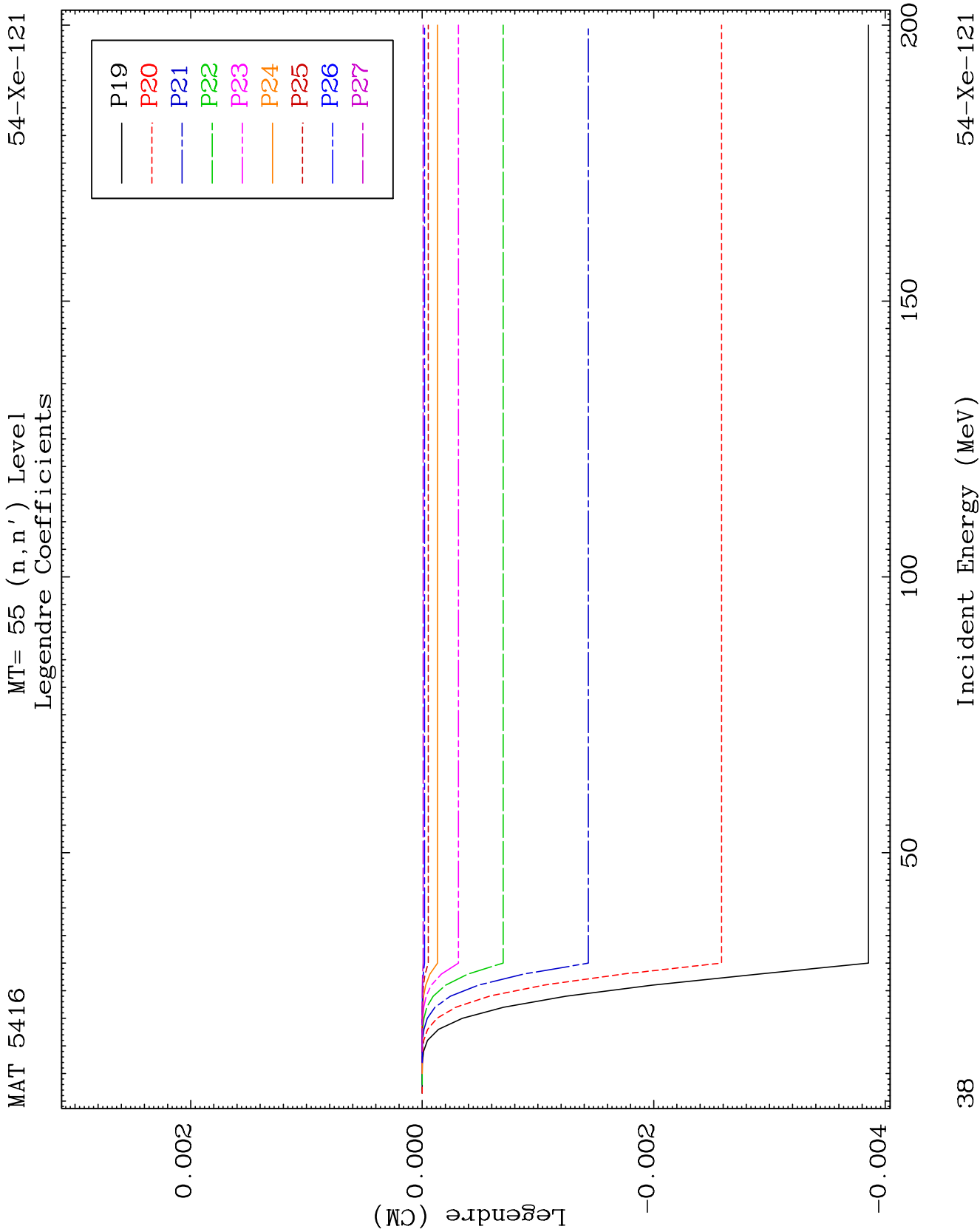


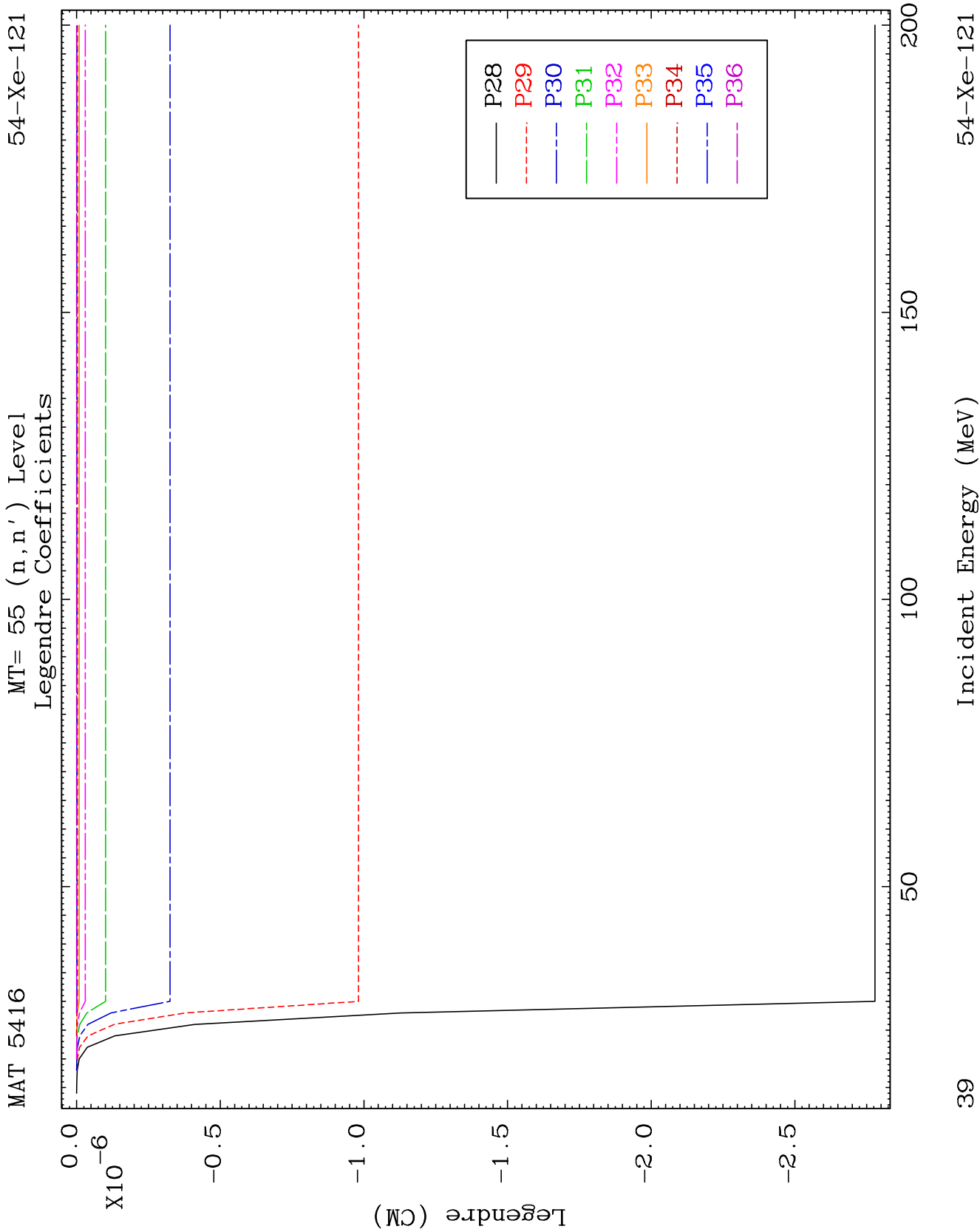
MAT 5416

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

54-Xe-121



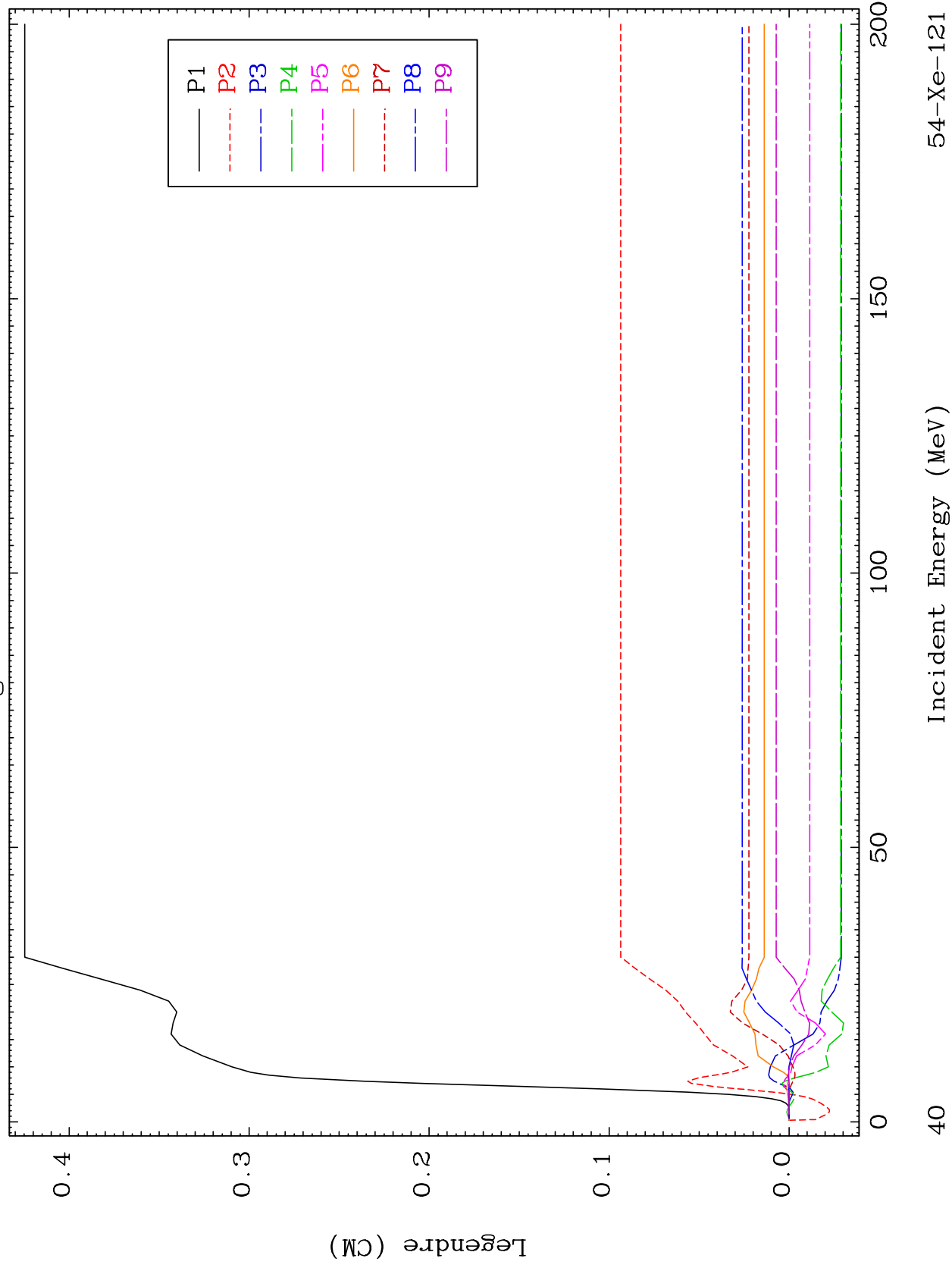


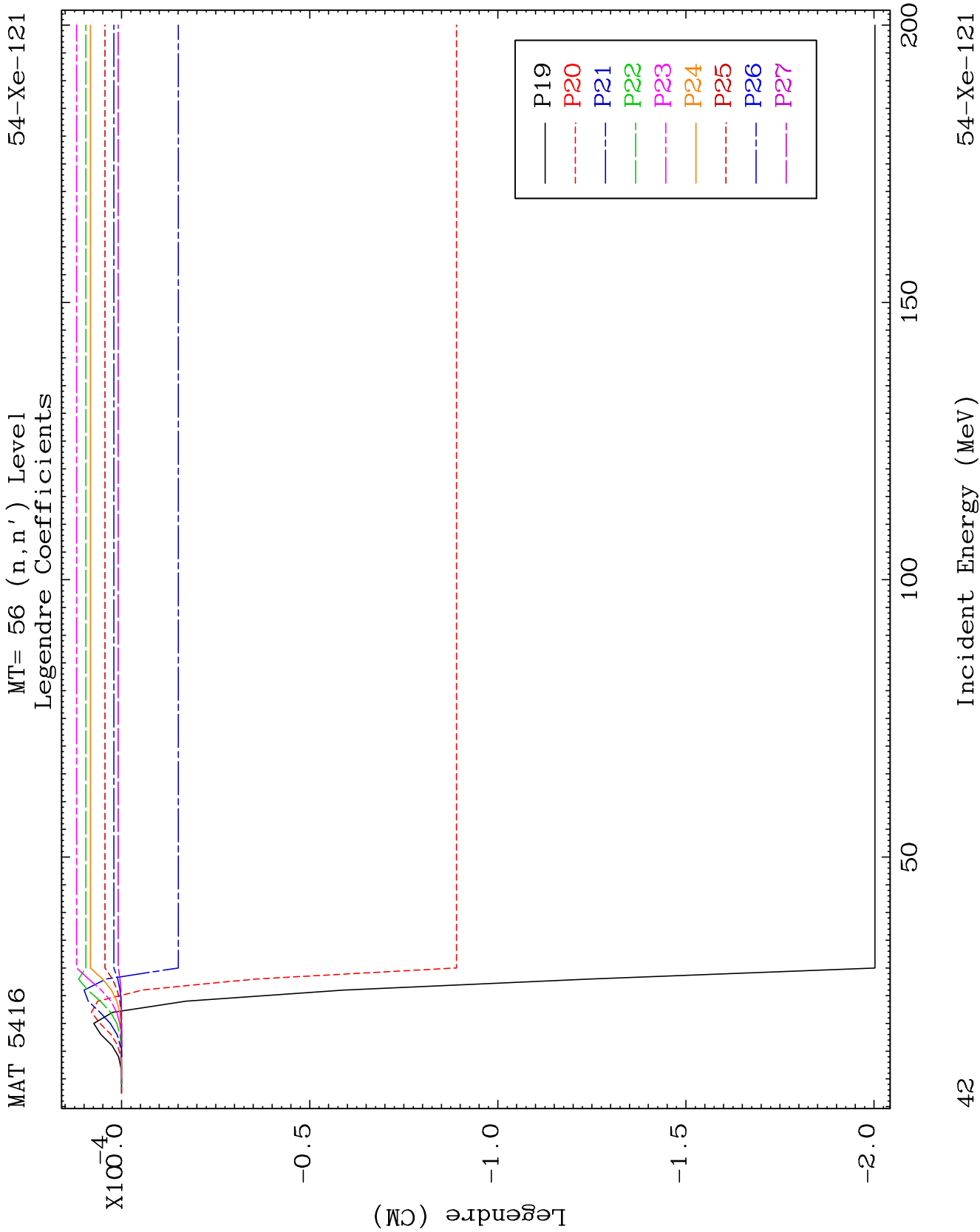


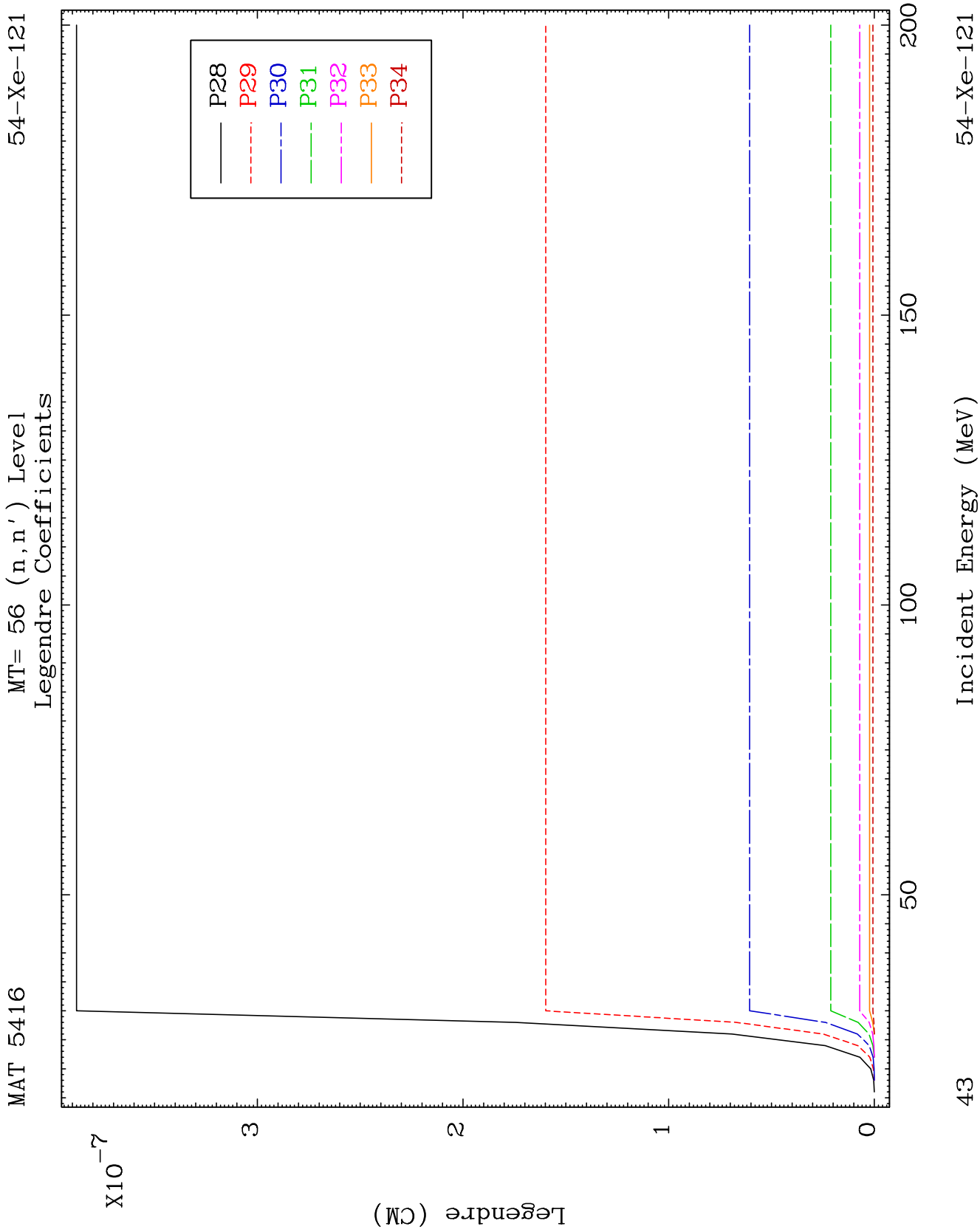
MAT 5416

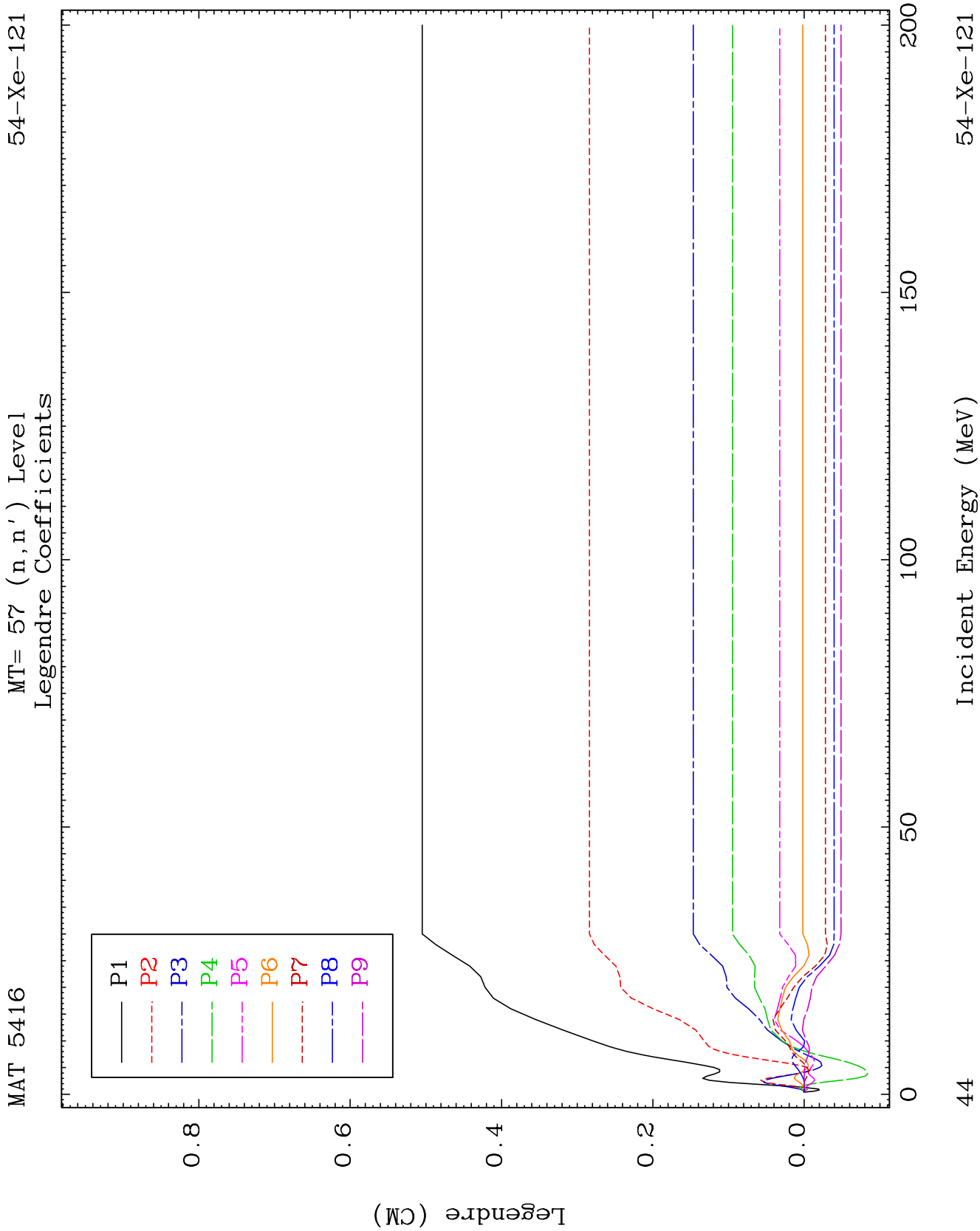
MT= 56 (n, n') Level
Legendre Coefficients

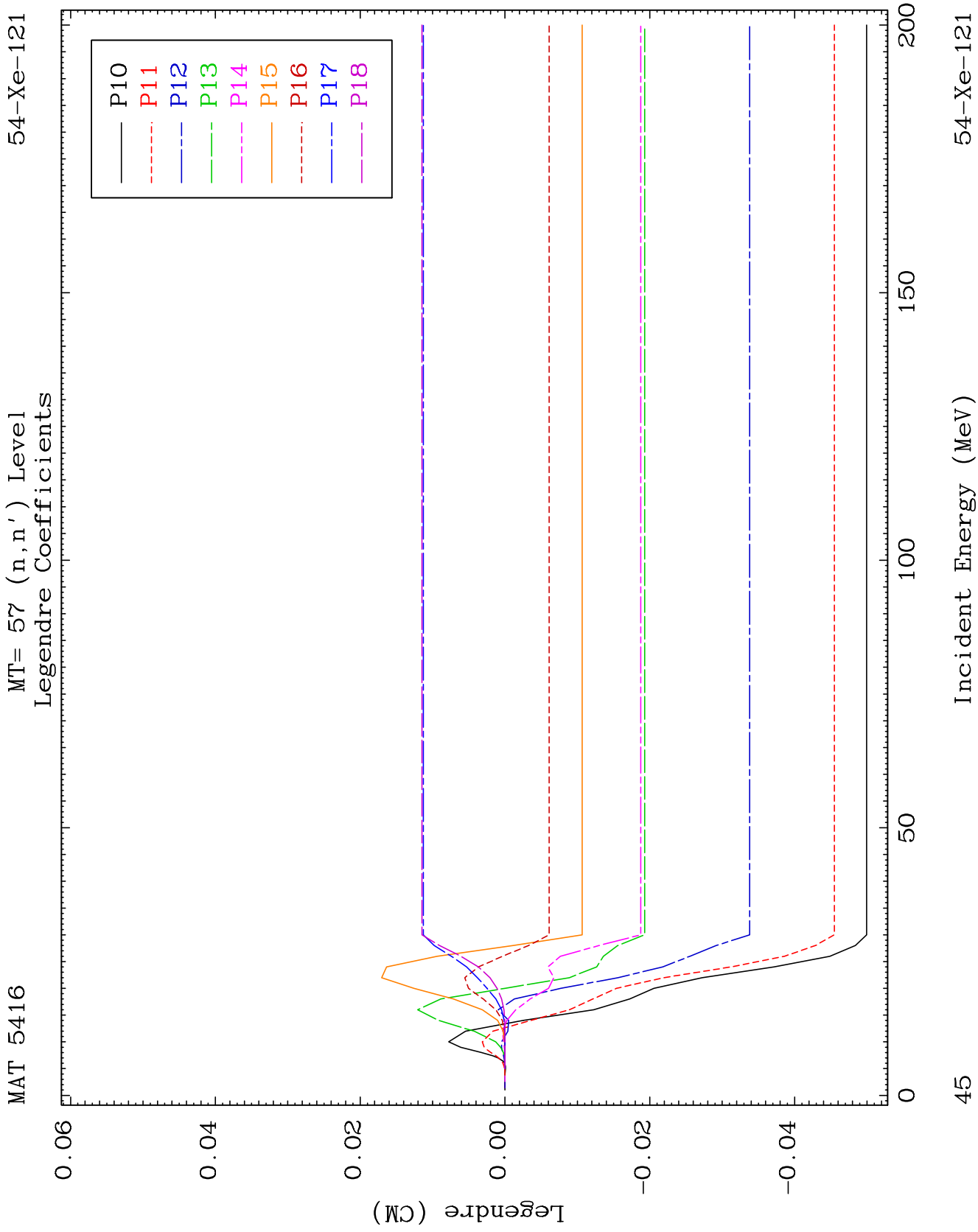
54-Xe-121









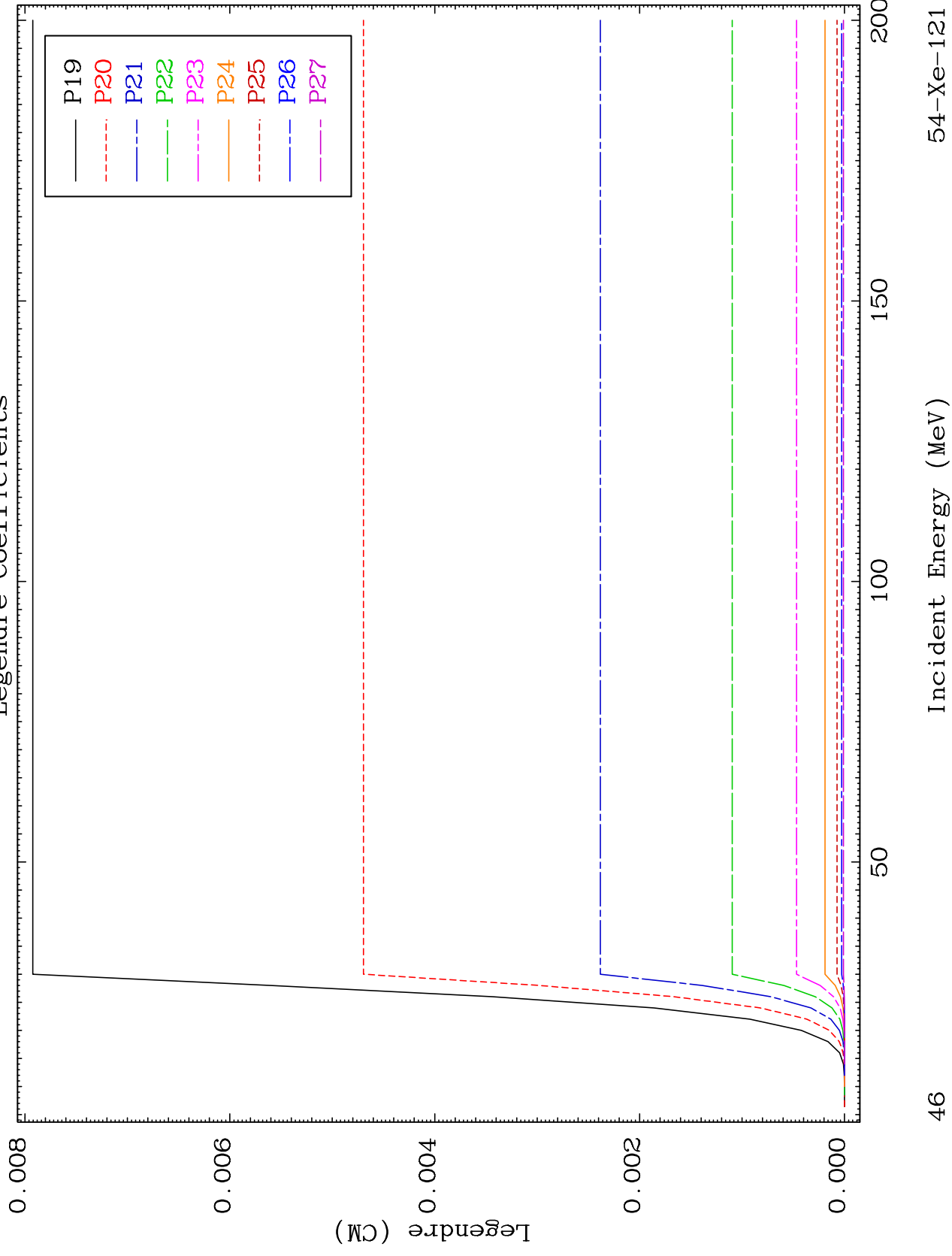


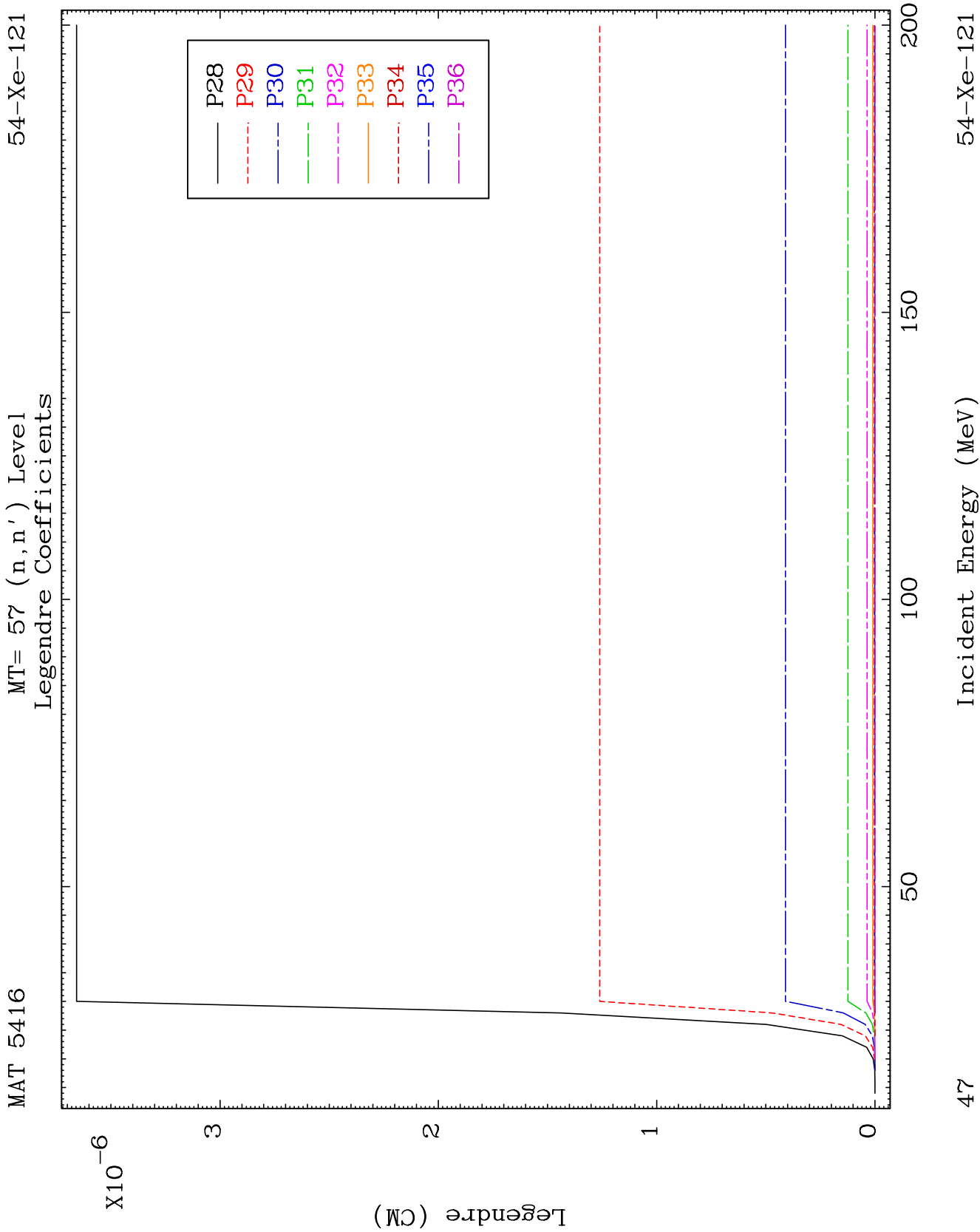
MAT 5416

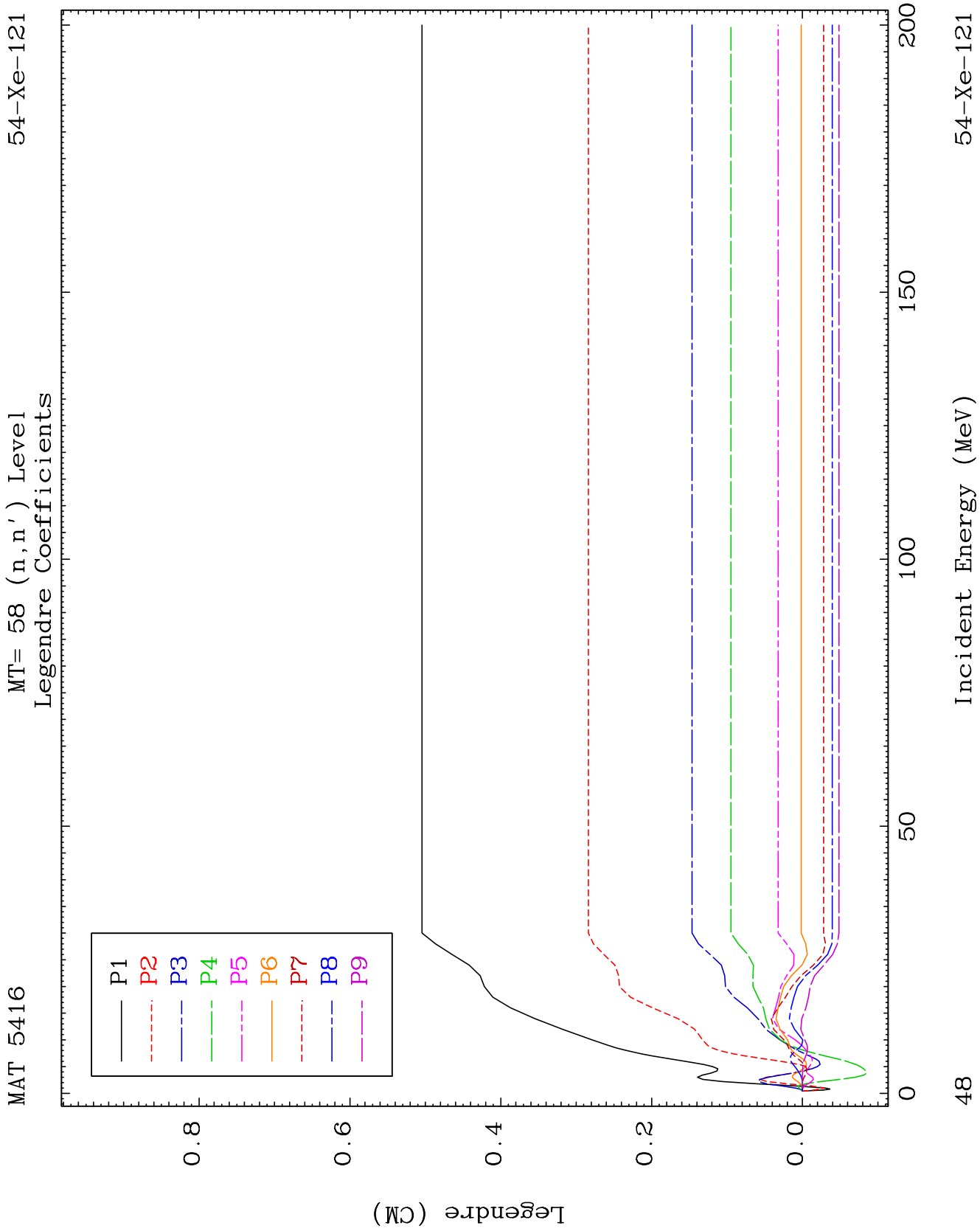
MT= 57 (n, n') Level

54-Xe-121

Legendre Coefficients



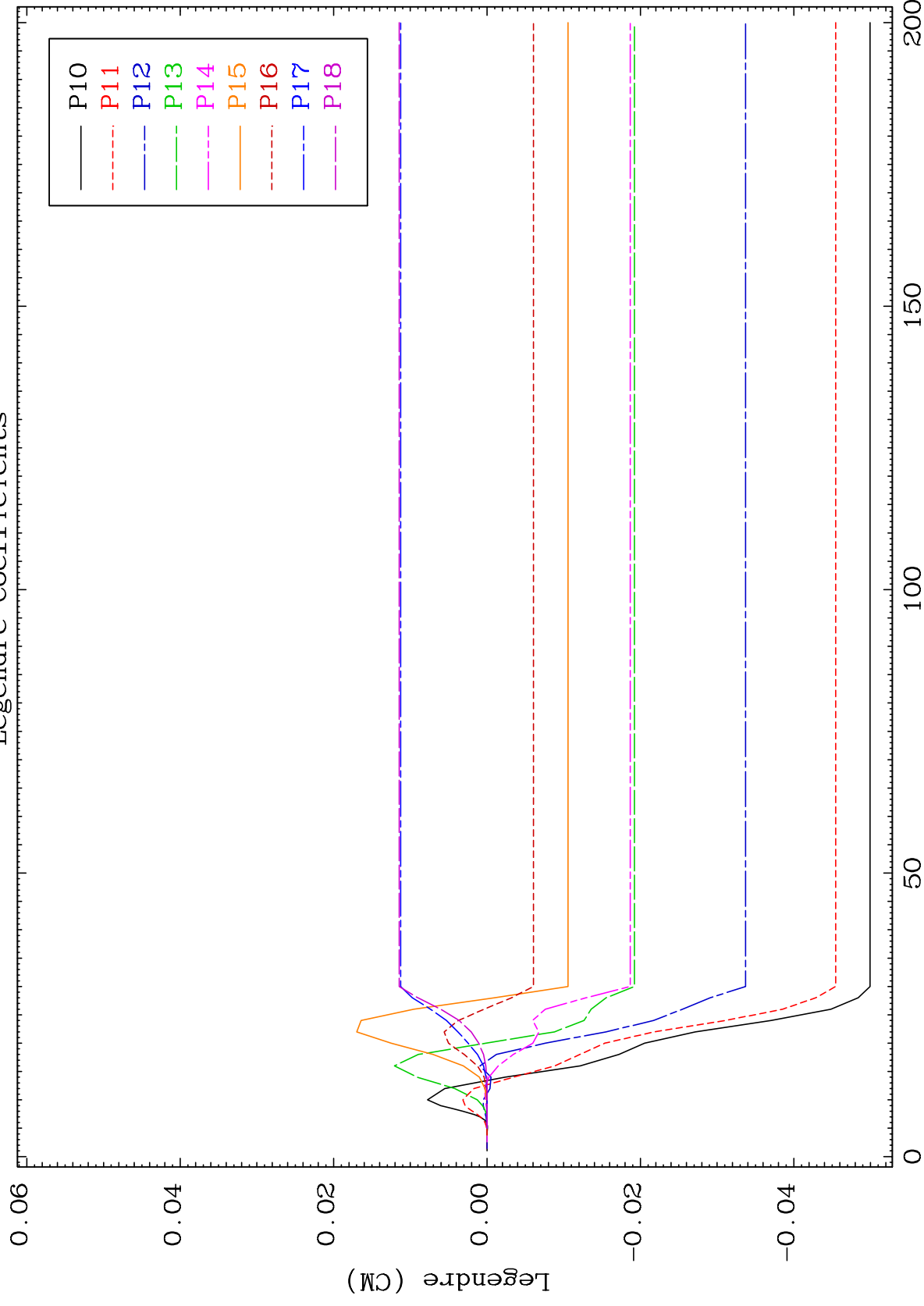




MAT 5416

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

54-Xe-121



49

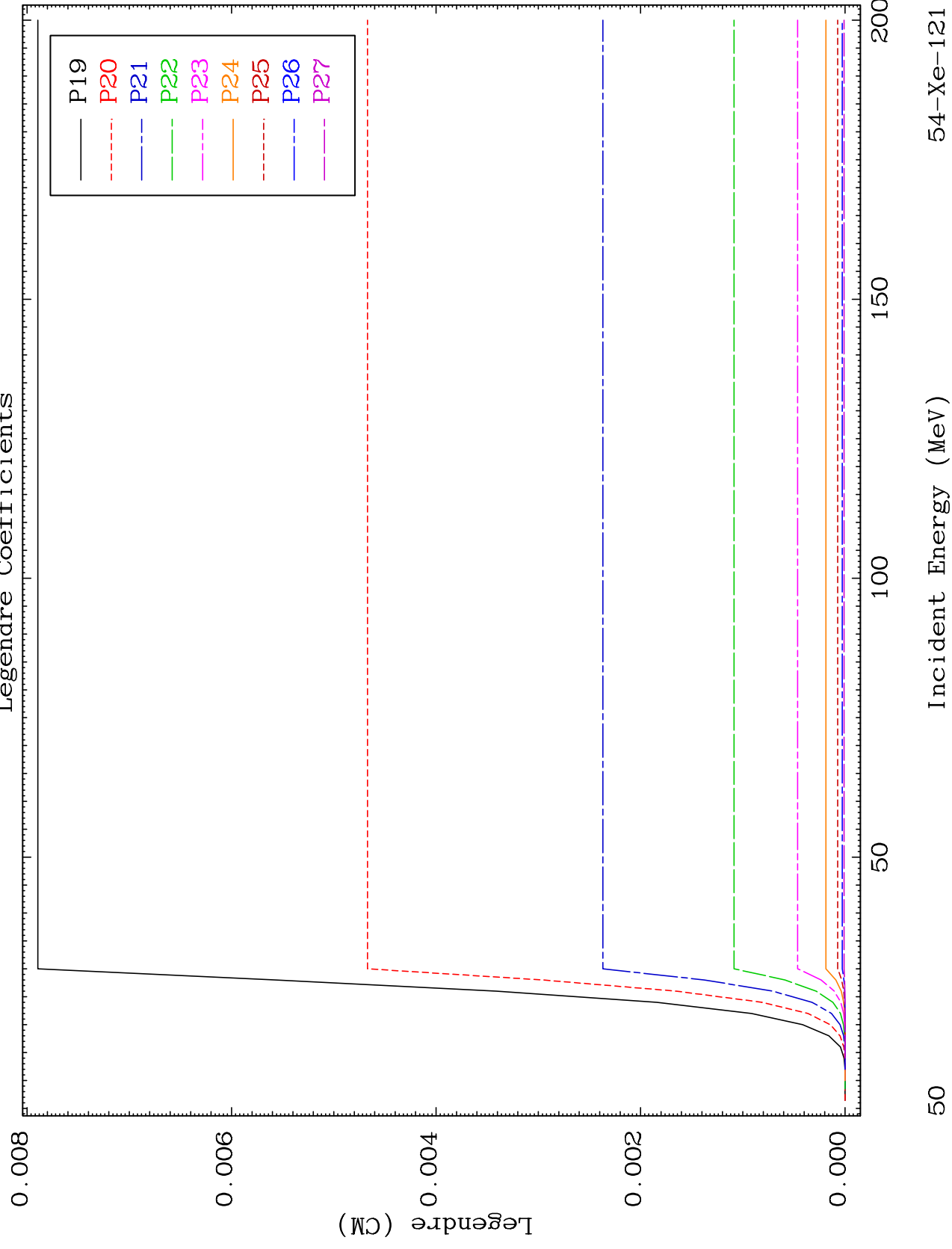
Incident Energy (MeV)

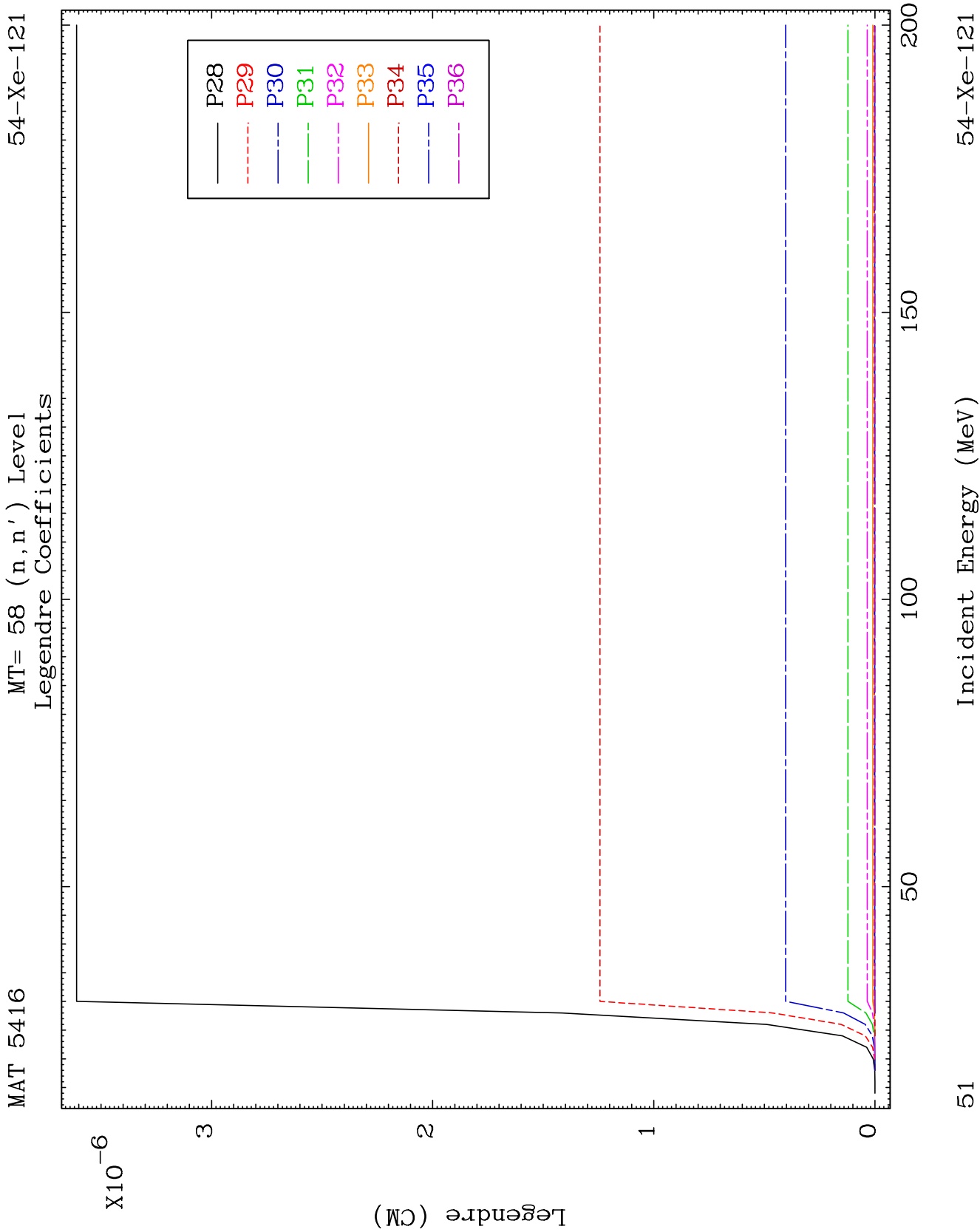
54-Xe-121

MAT 5416

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

54-Xe-121

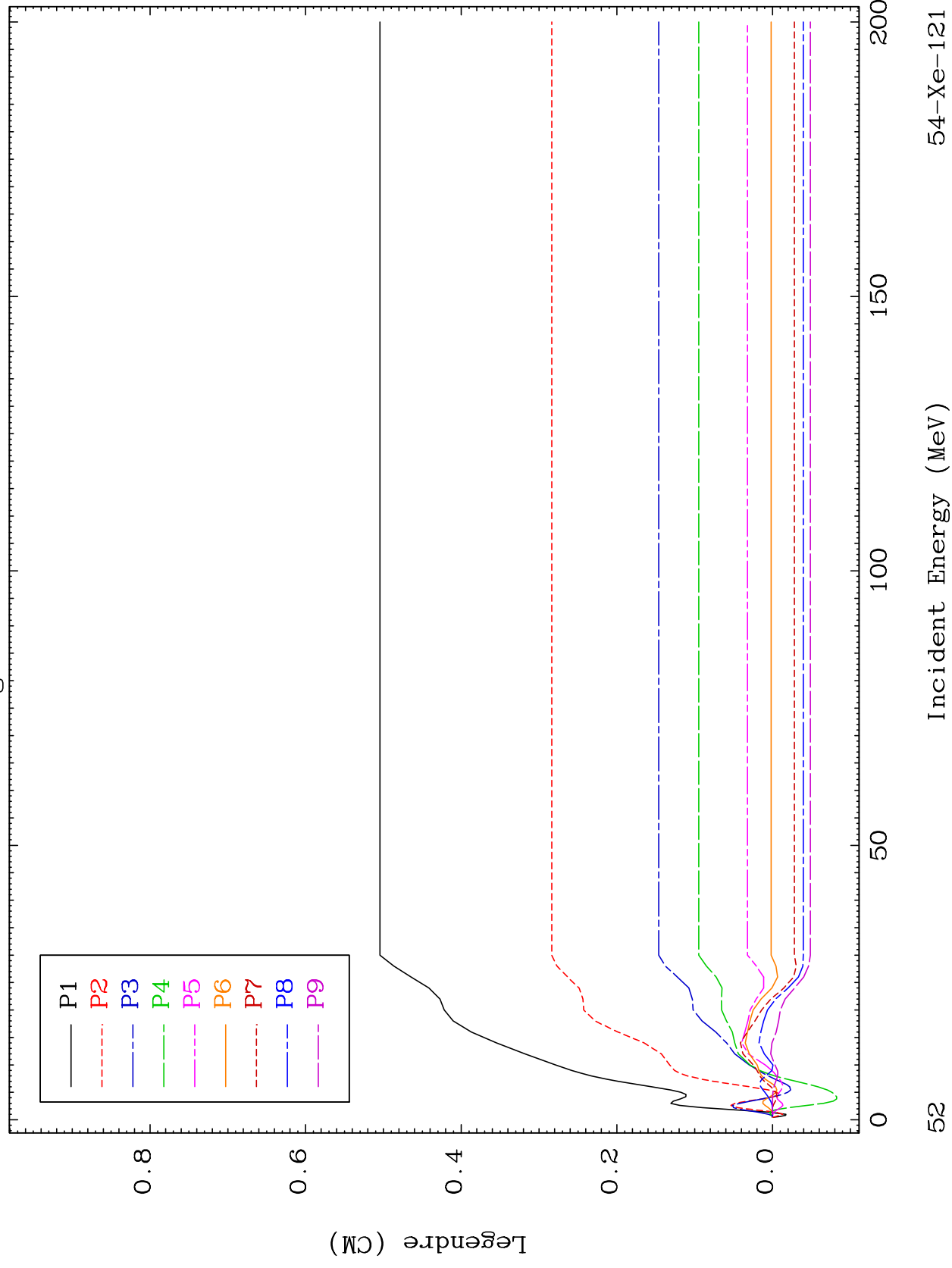


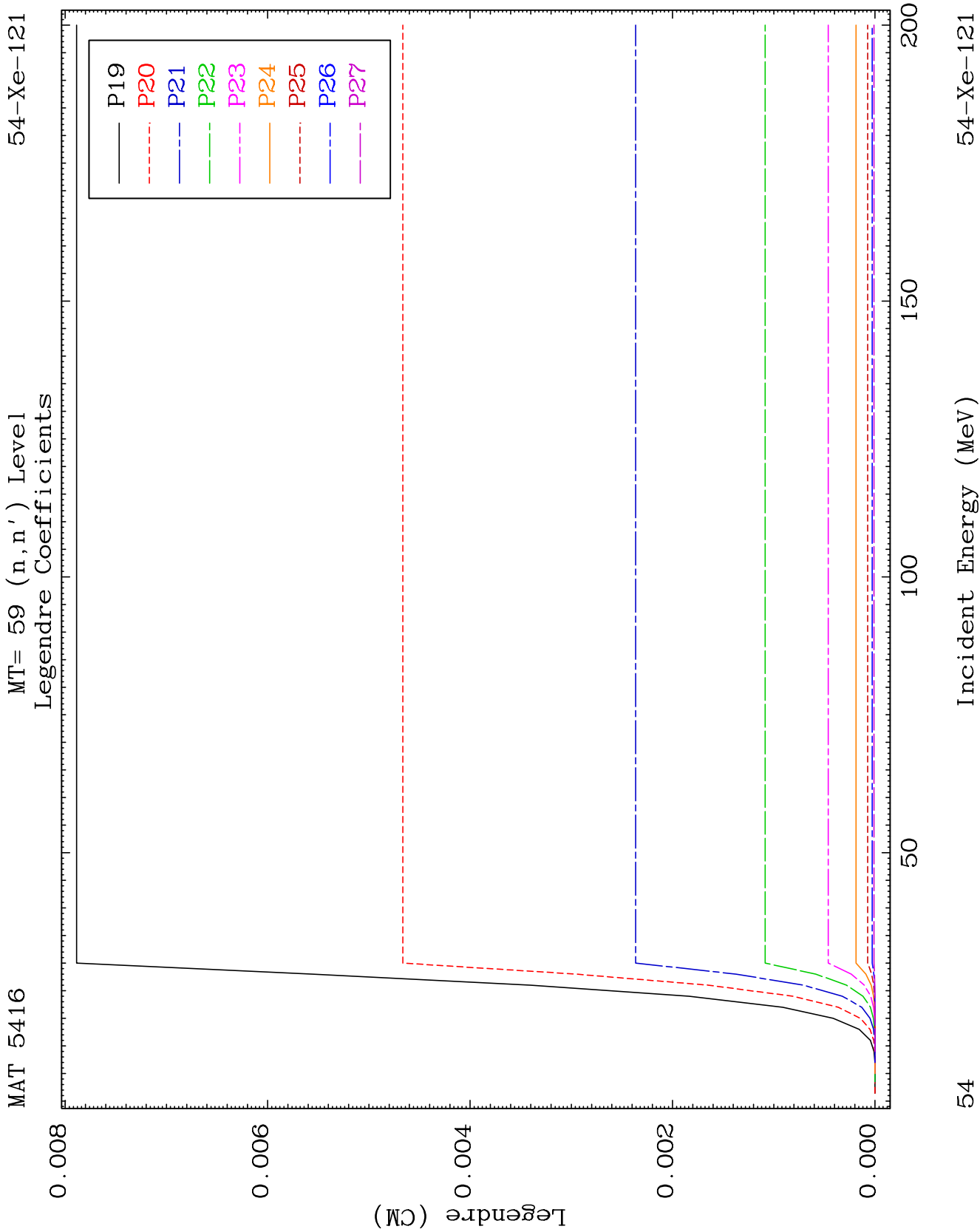


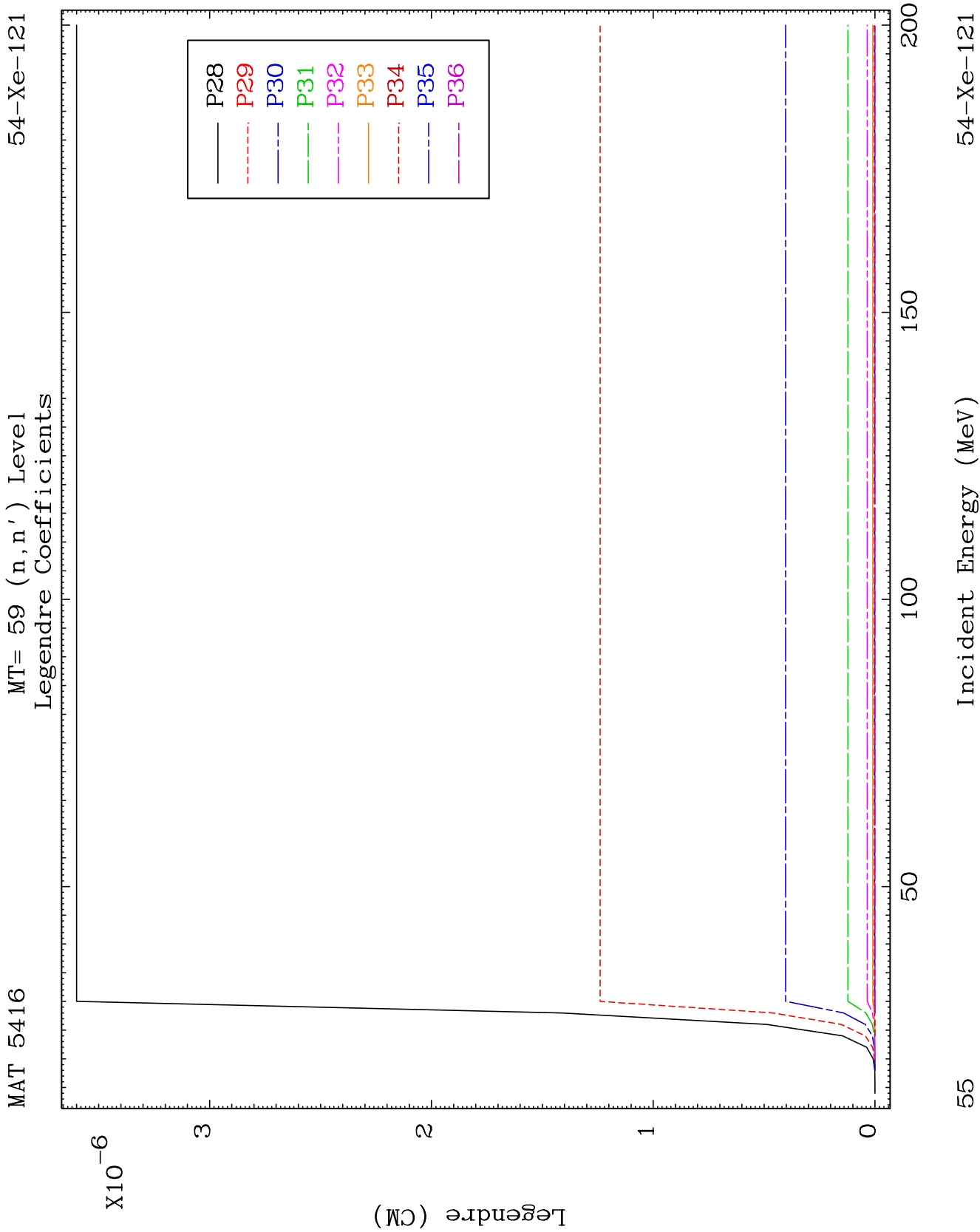
MAT 5416

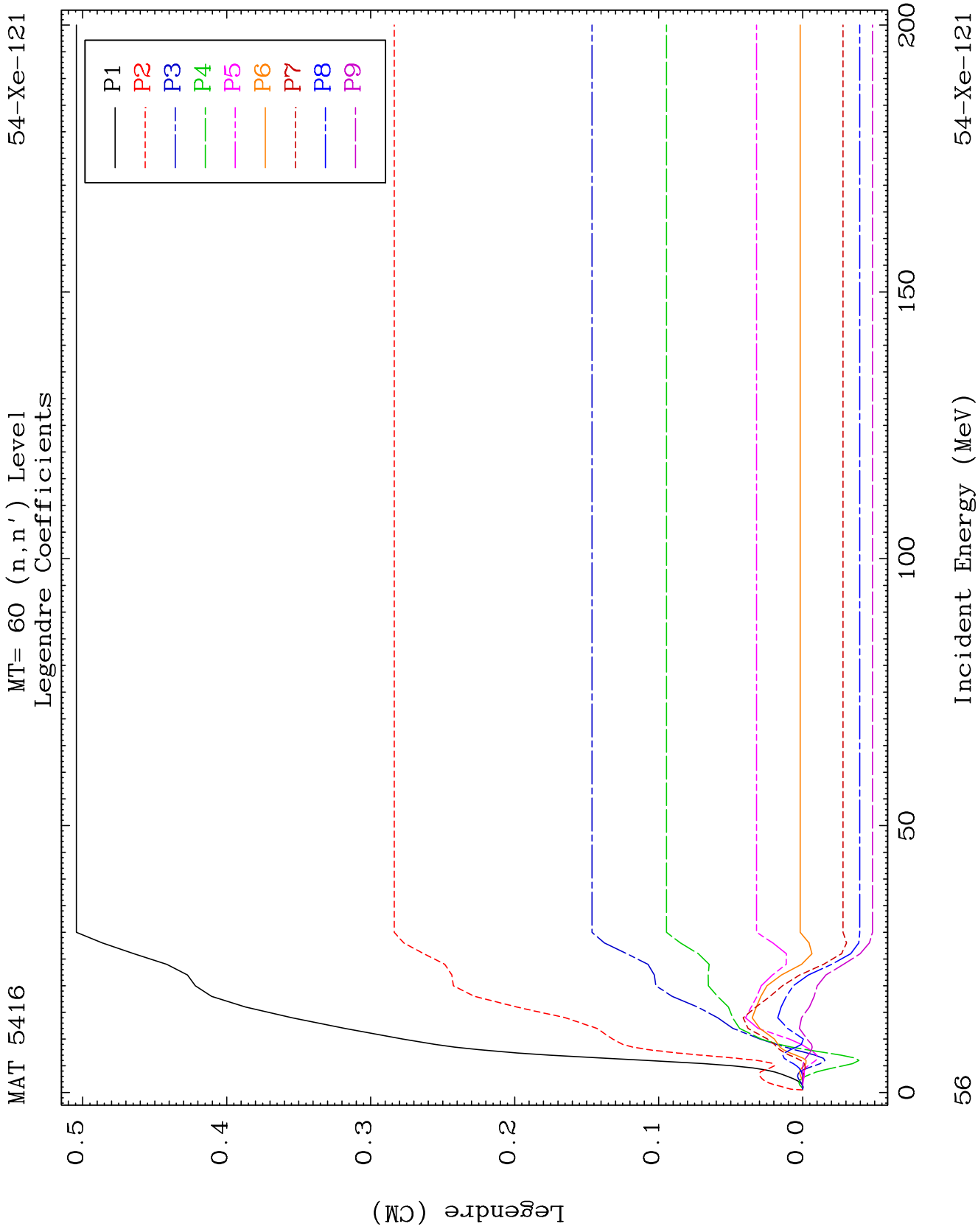
MT= 59 (n, n') Level
Legendre Coefficients

54-Xe-121





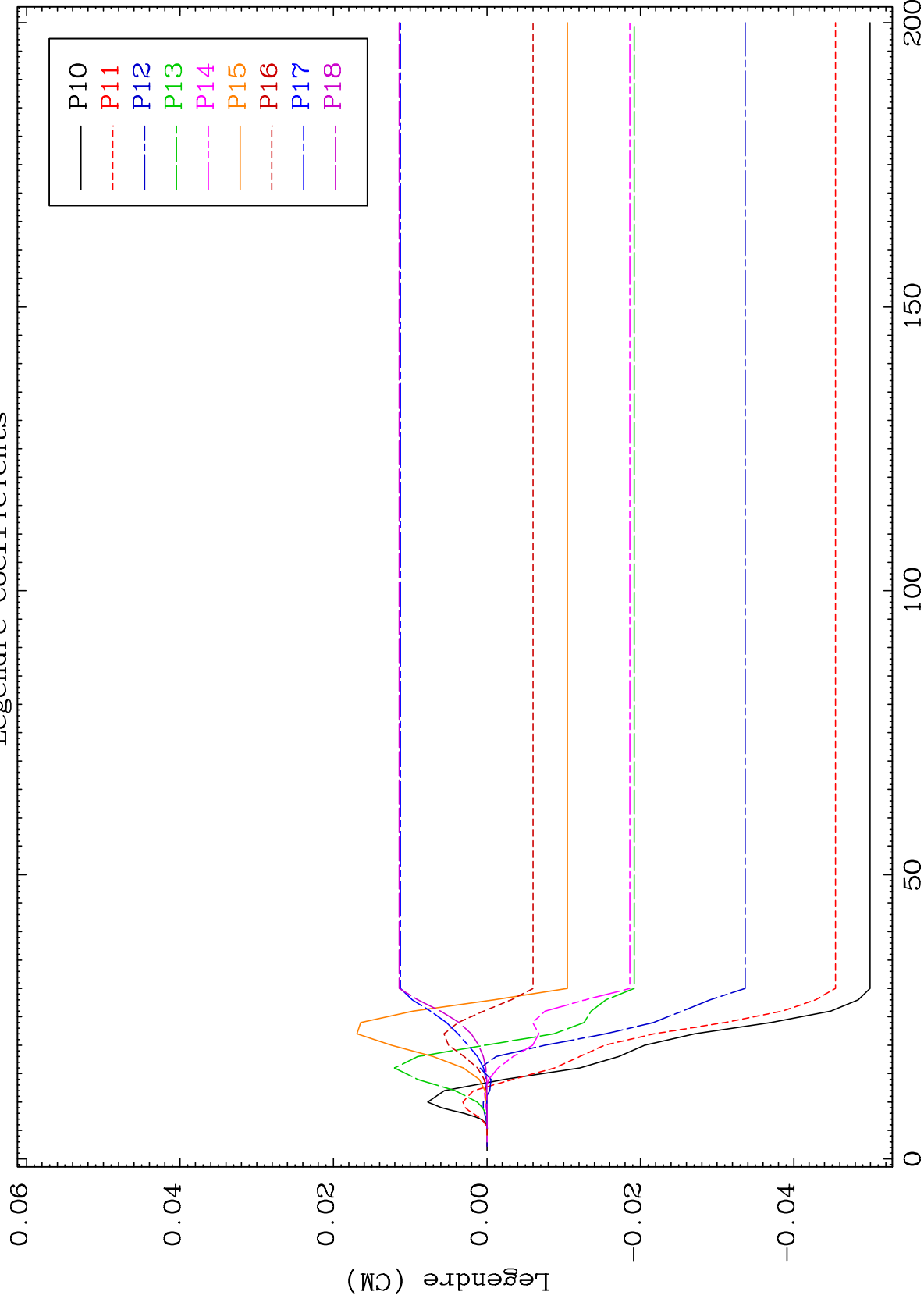




MAT 5416

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

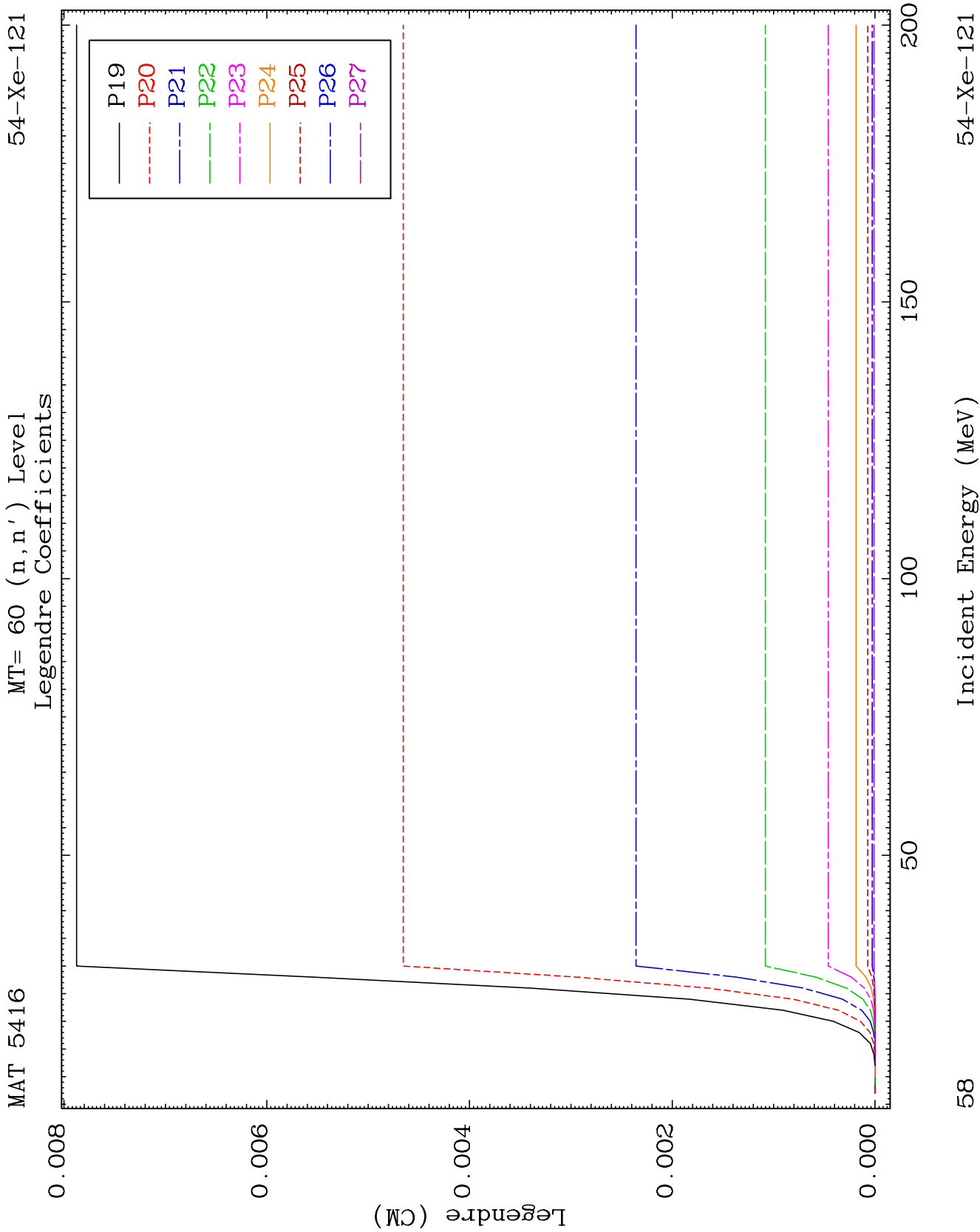
54-Xe-121

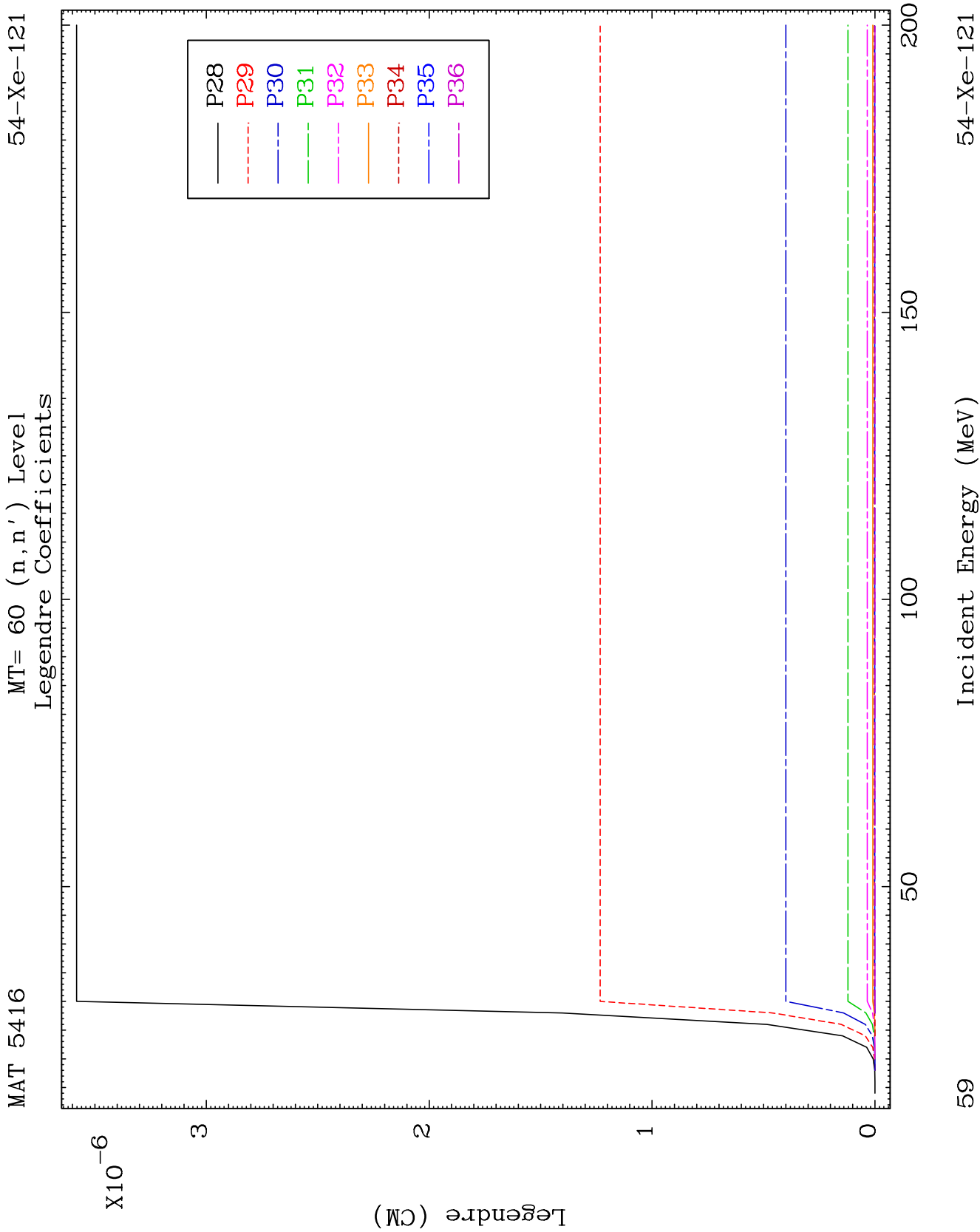


25

Incident Energy (MeV)

54-Xe-121

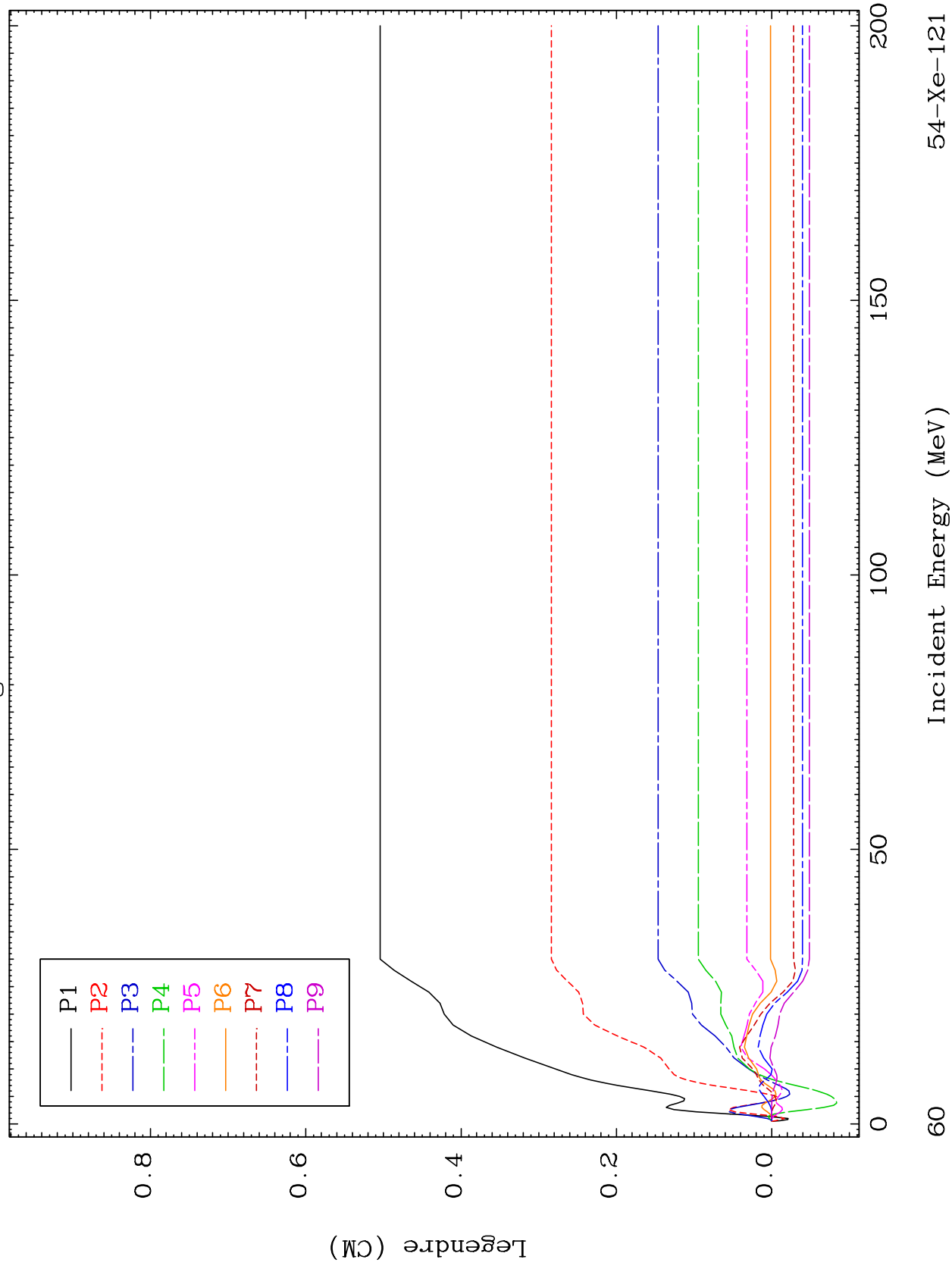


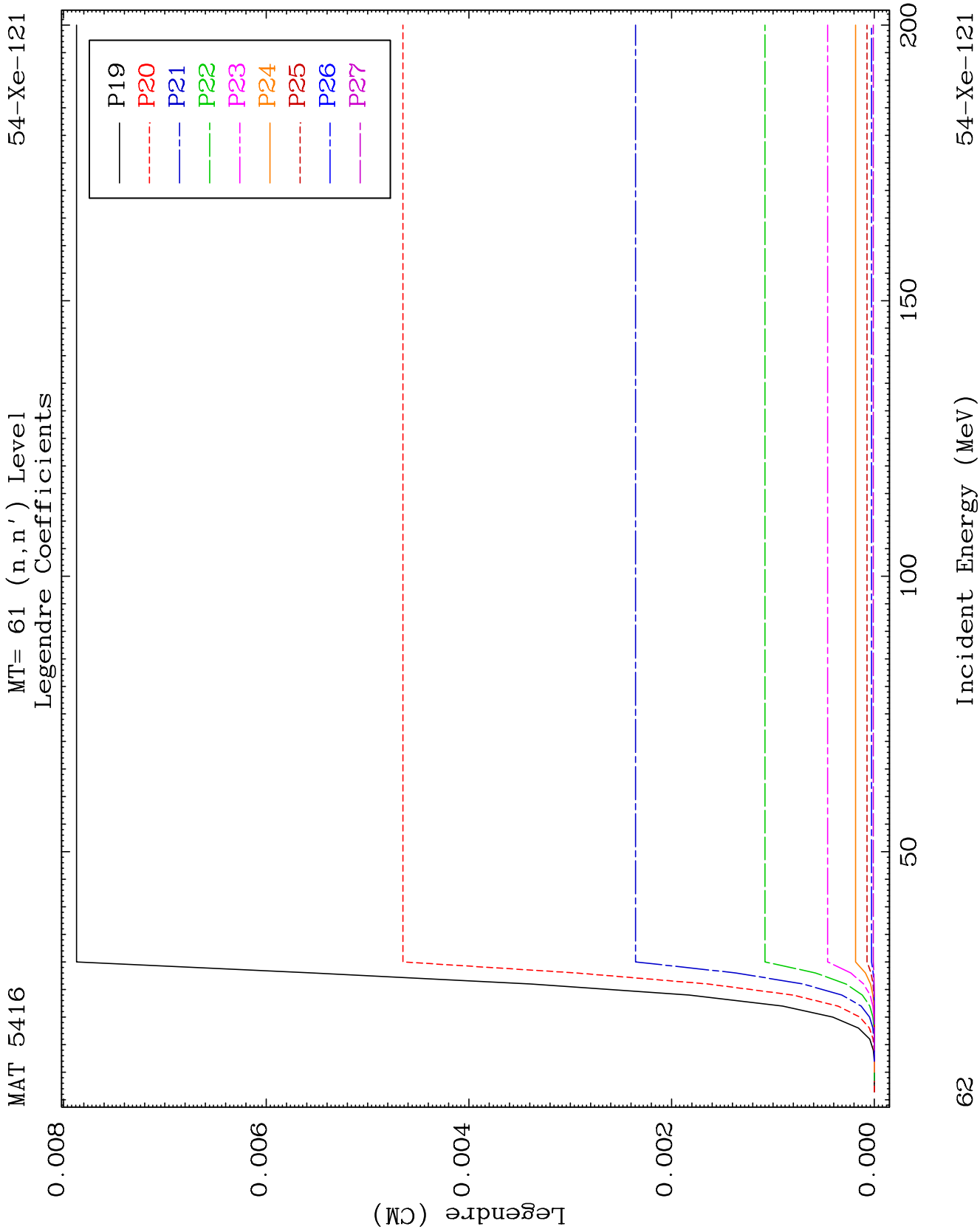


MAT 5416

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

54-Xe-121

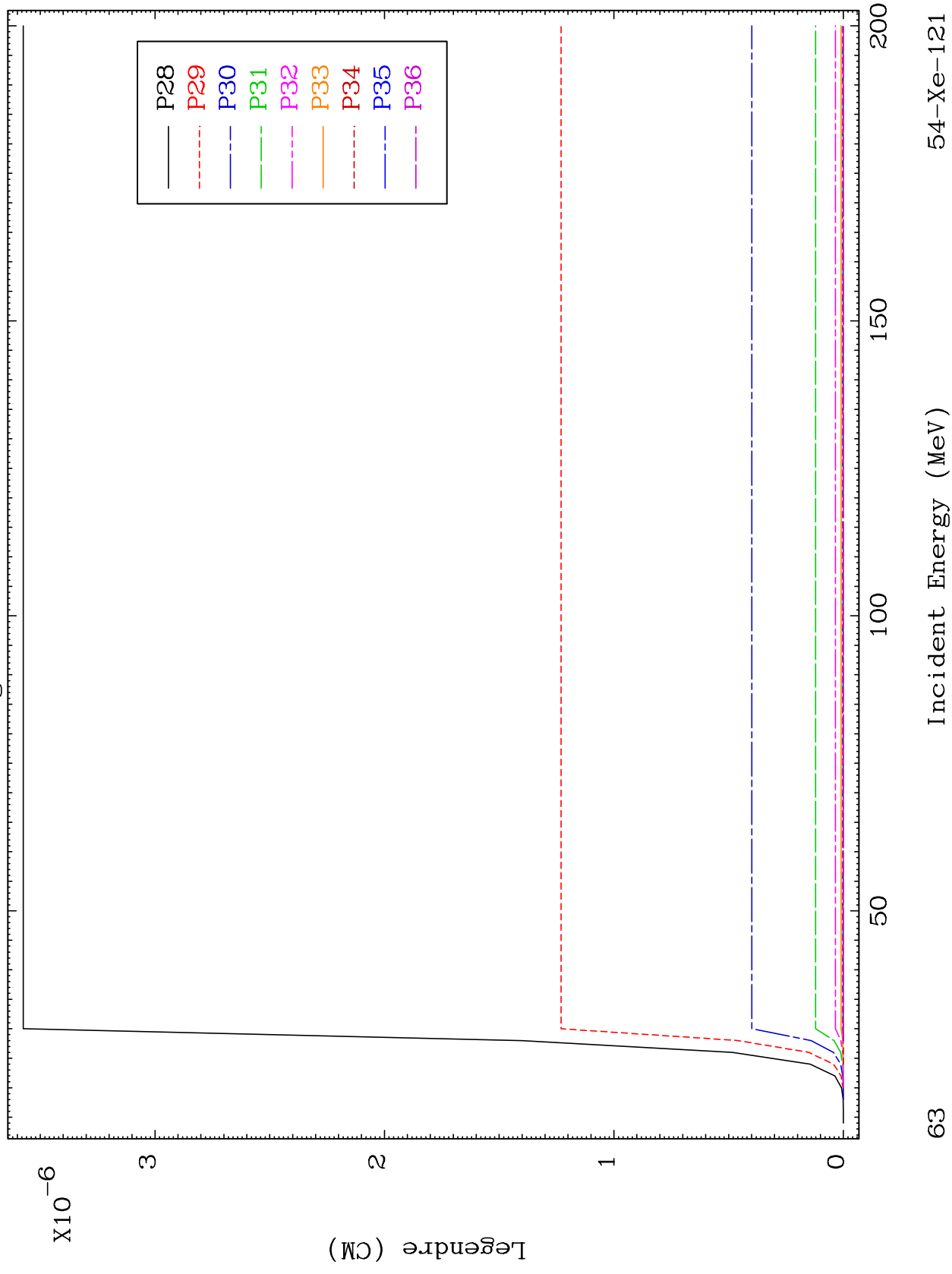


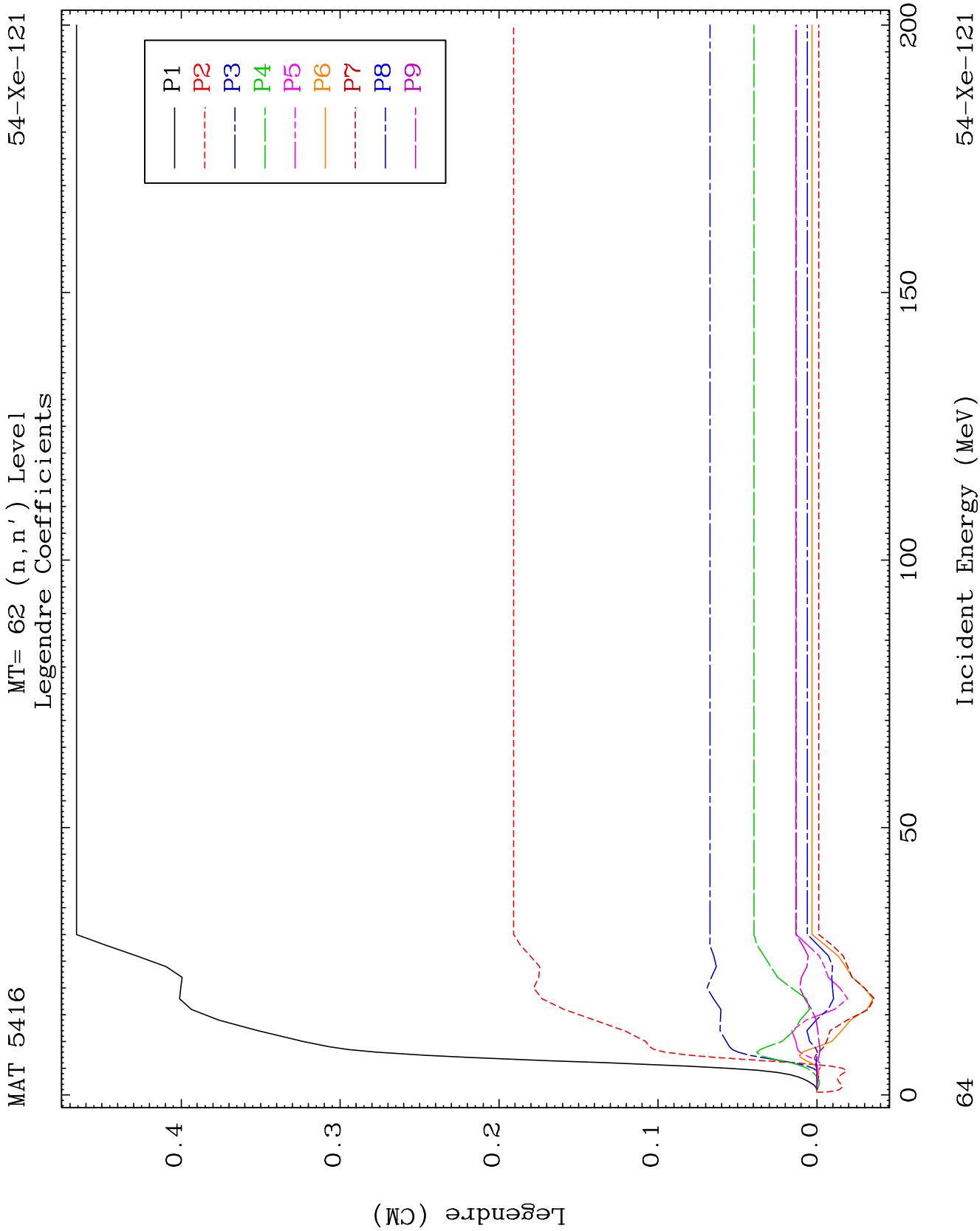


MAT 5416

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

54-Xe-121

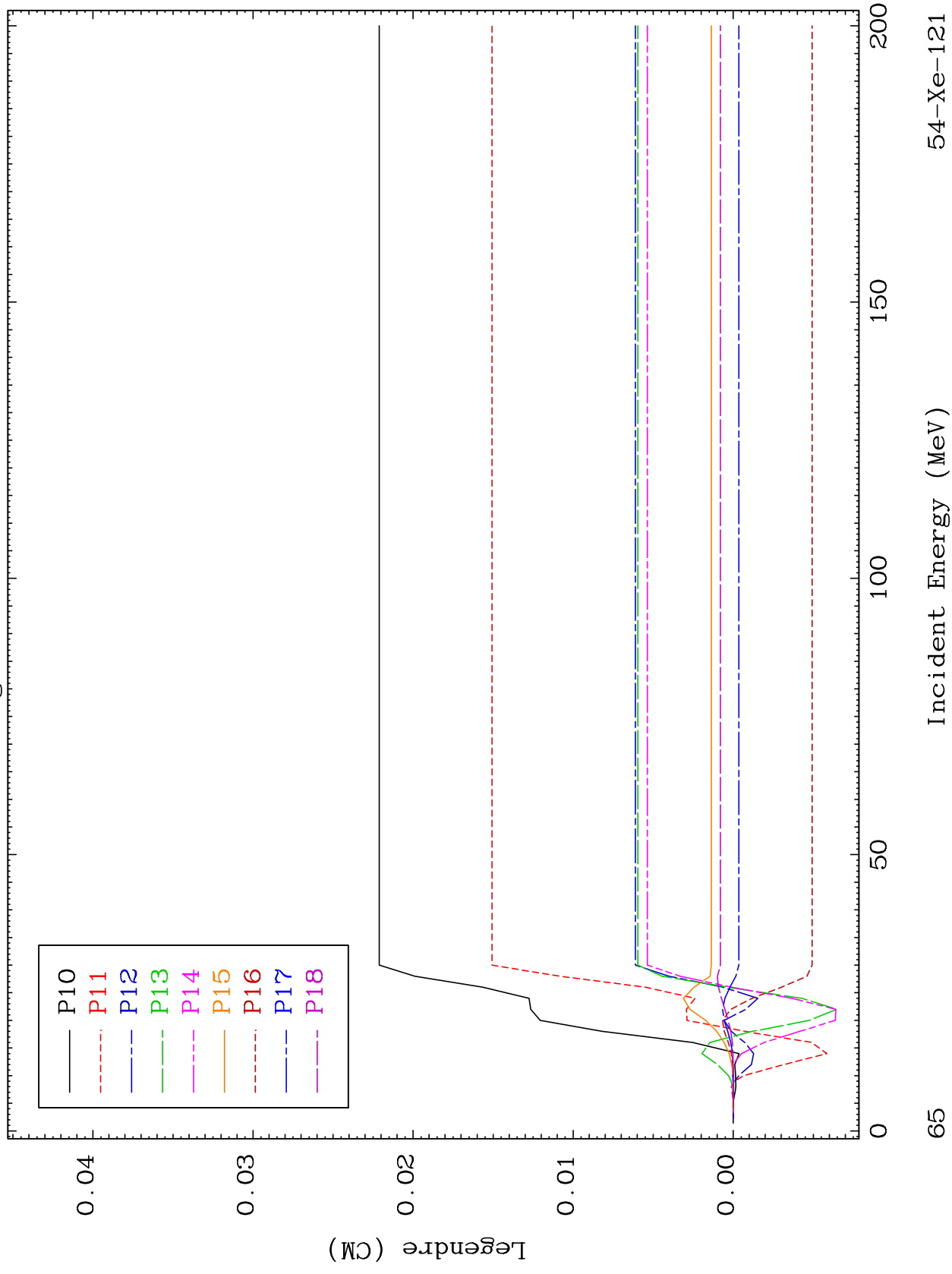




MAT 5416

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

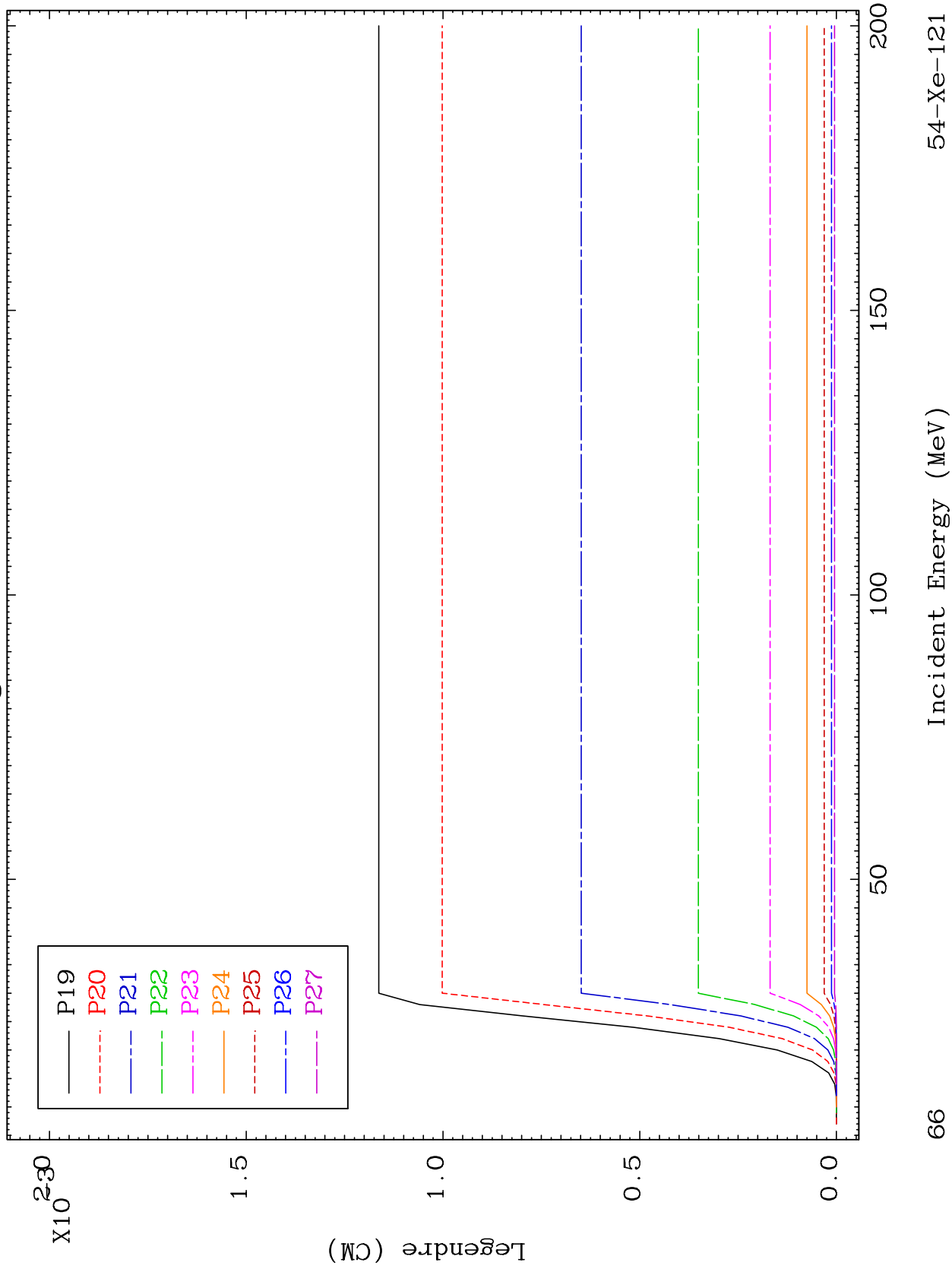
54-Xe-121



MAT 5416

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

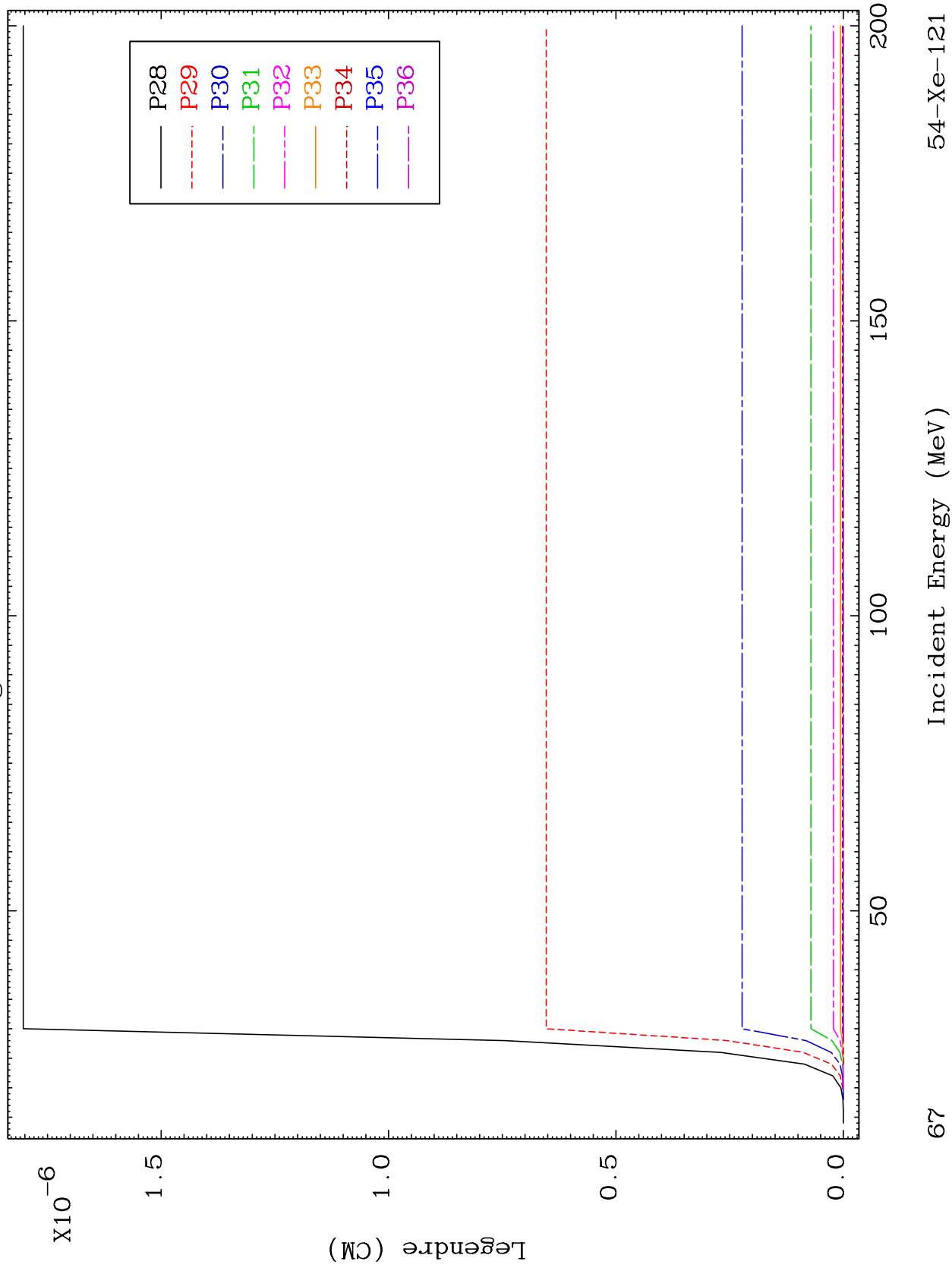
54-Xe-121

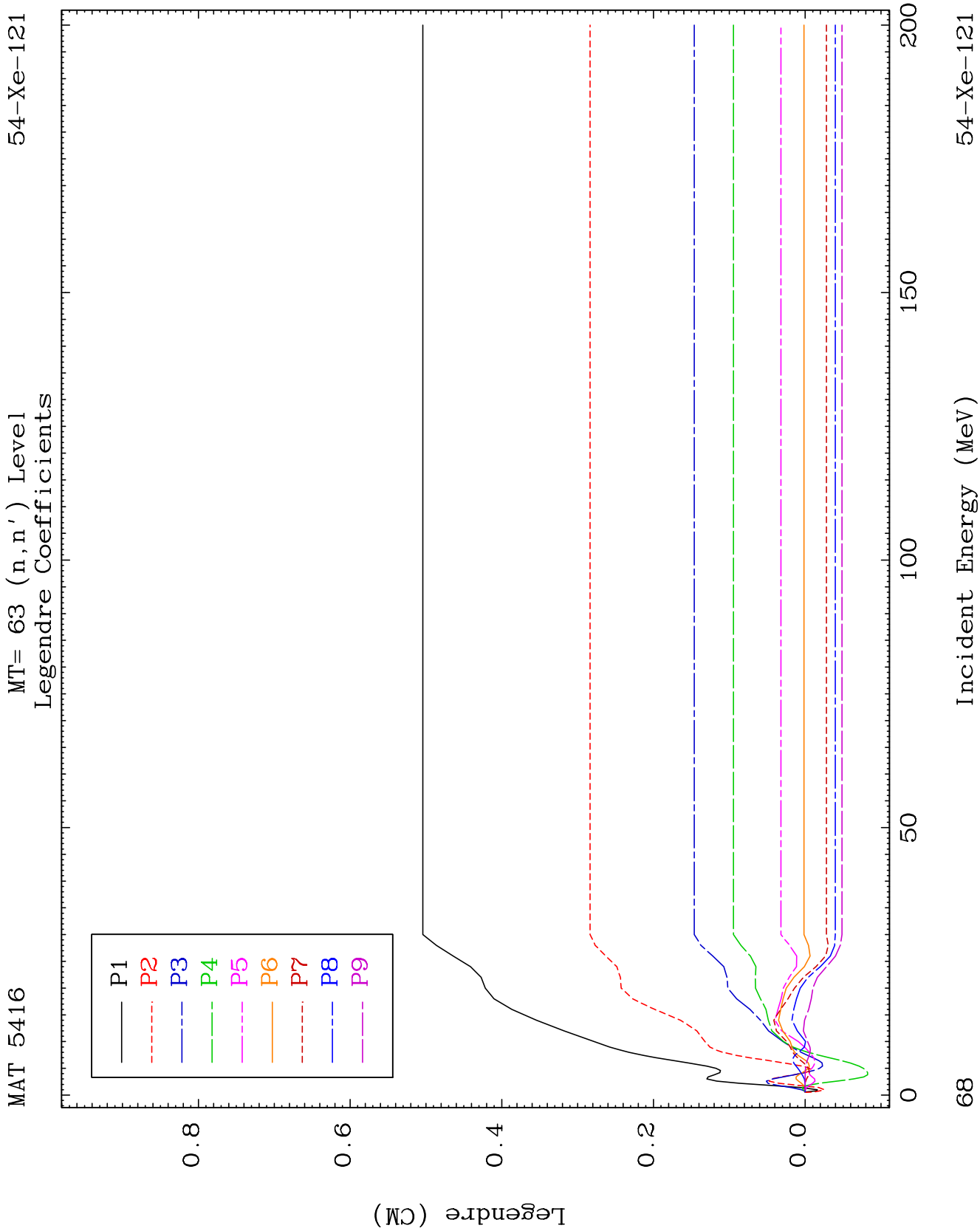


MAT 5416

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

54-Xe-121

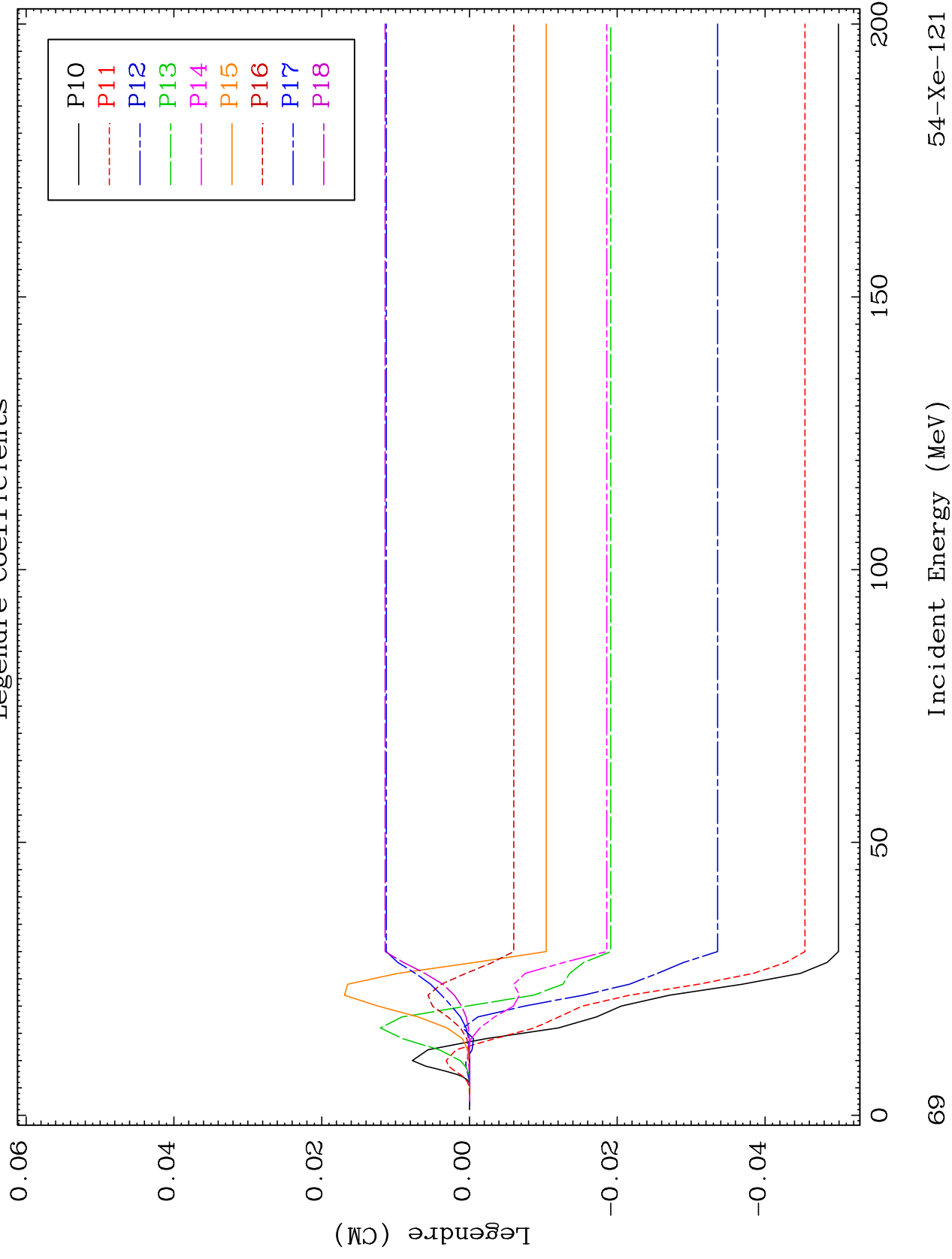


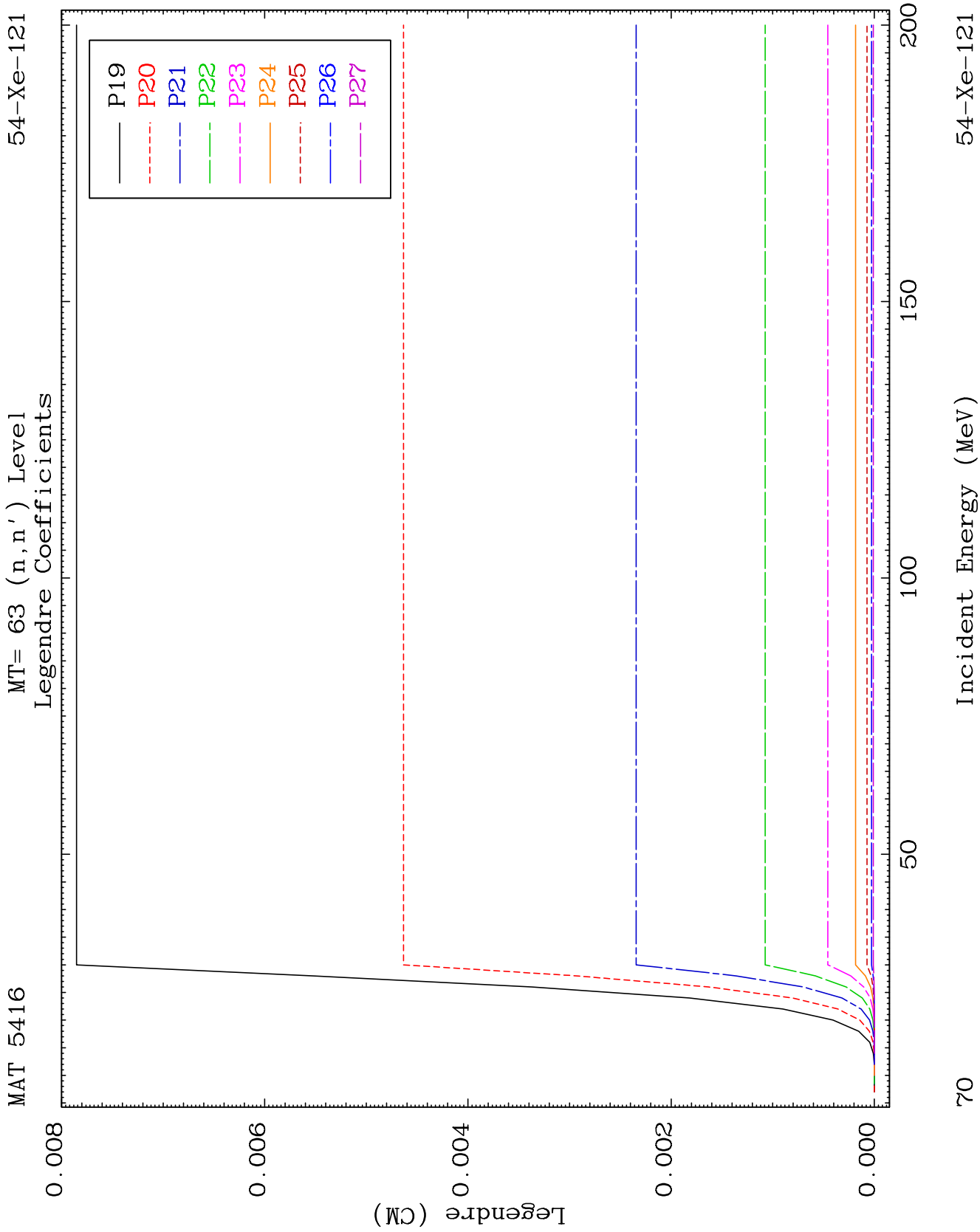


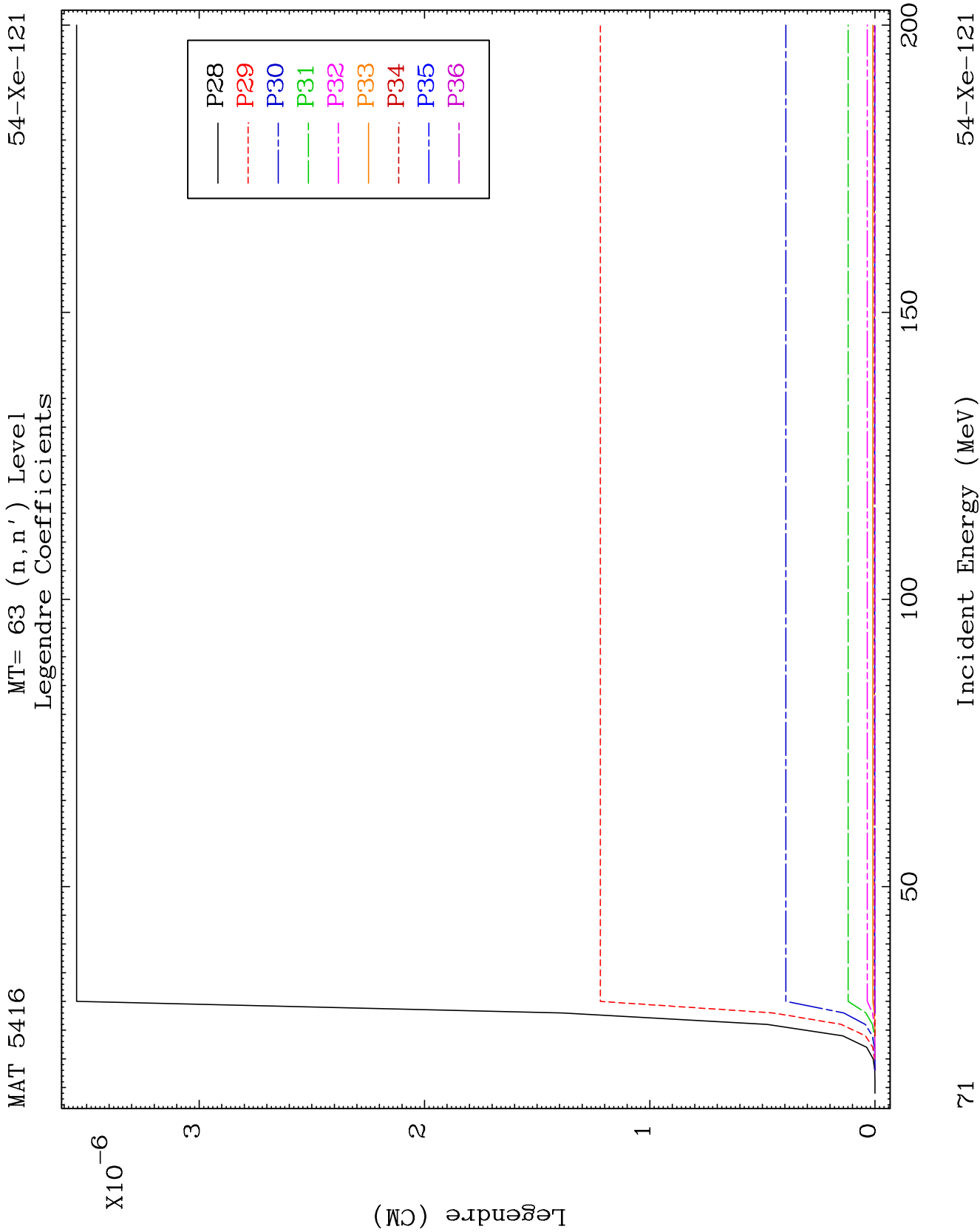
MAT 5416

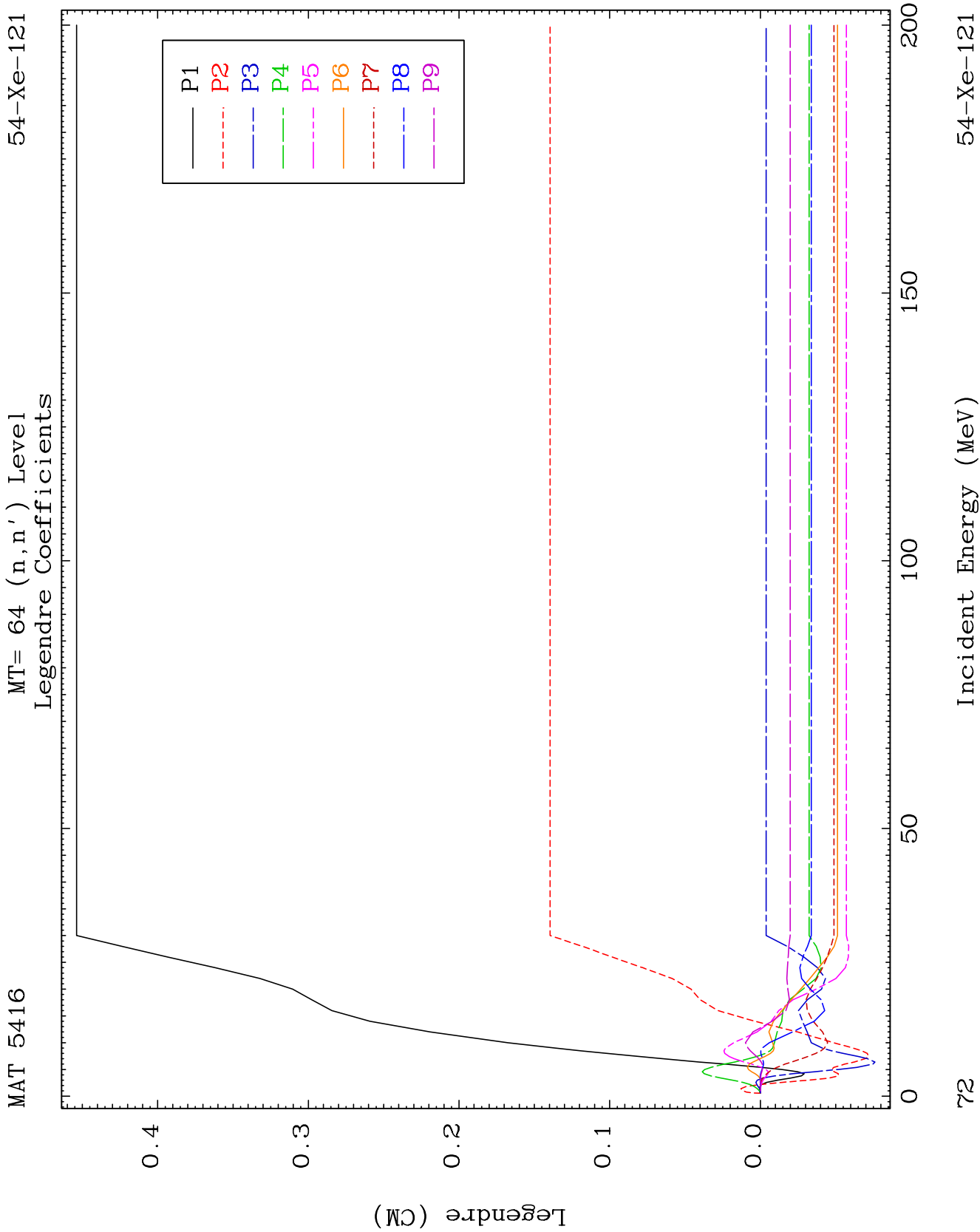
MT= 63 (n, n') Level
Legendre Coefficients

54-Xe-121





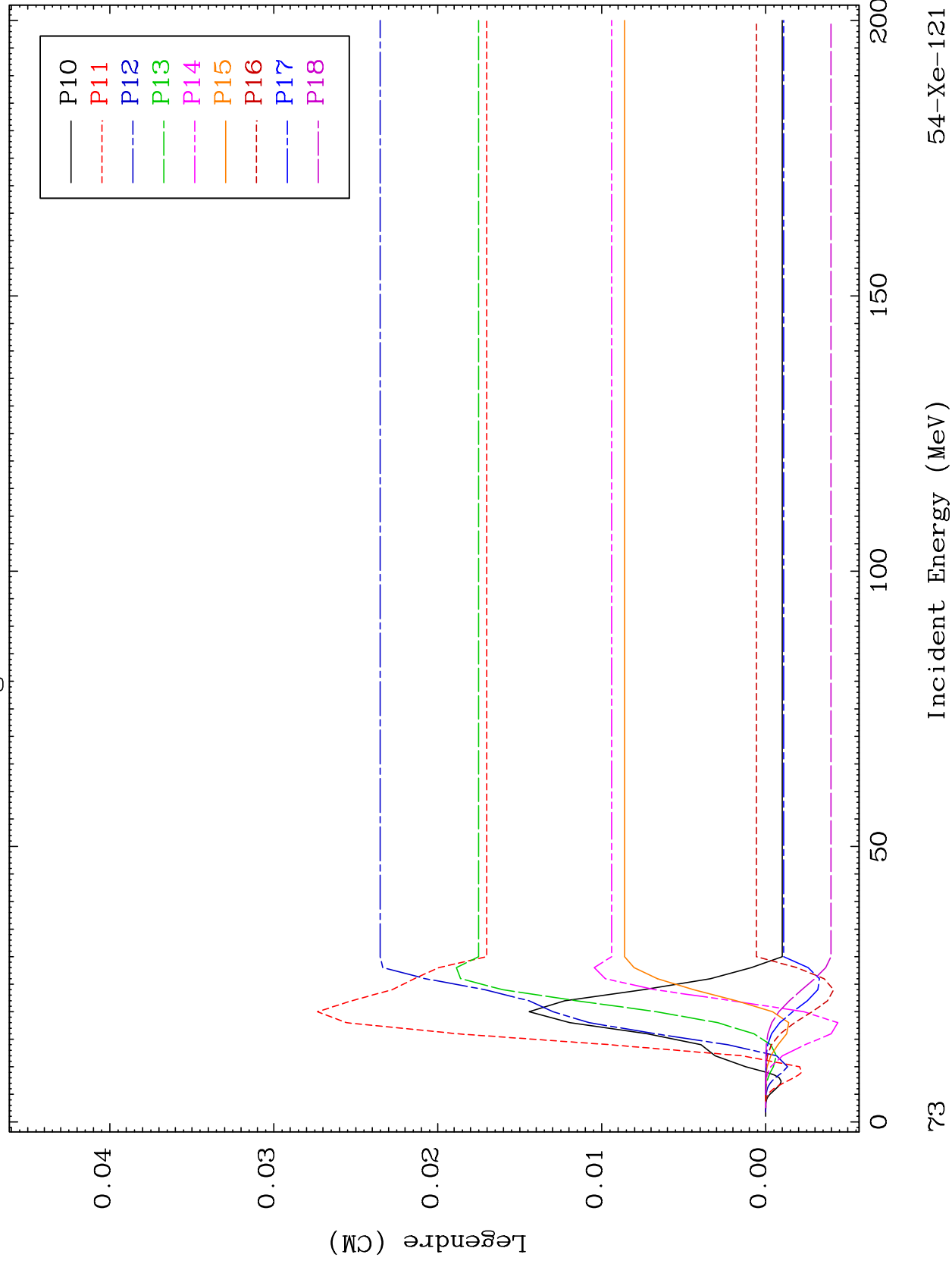


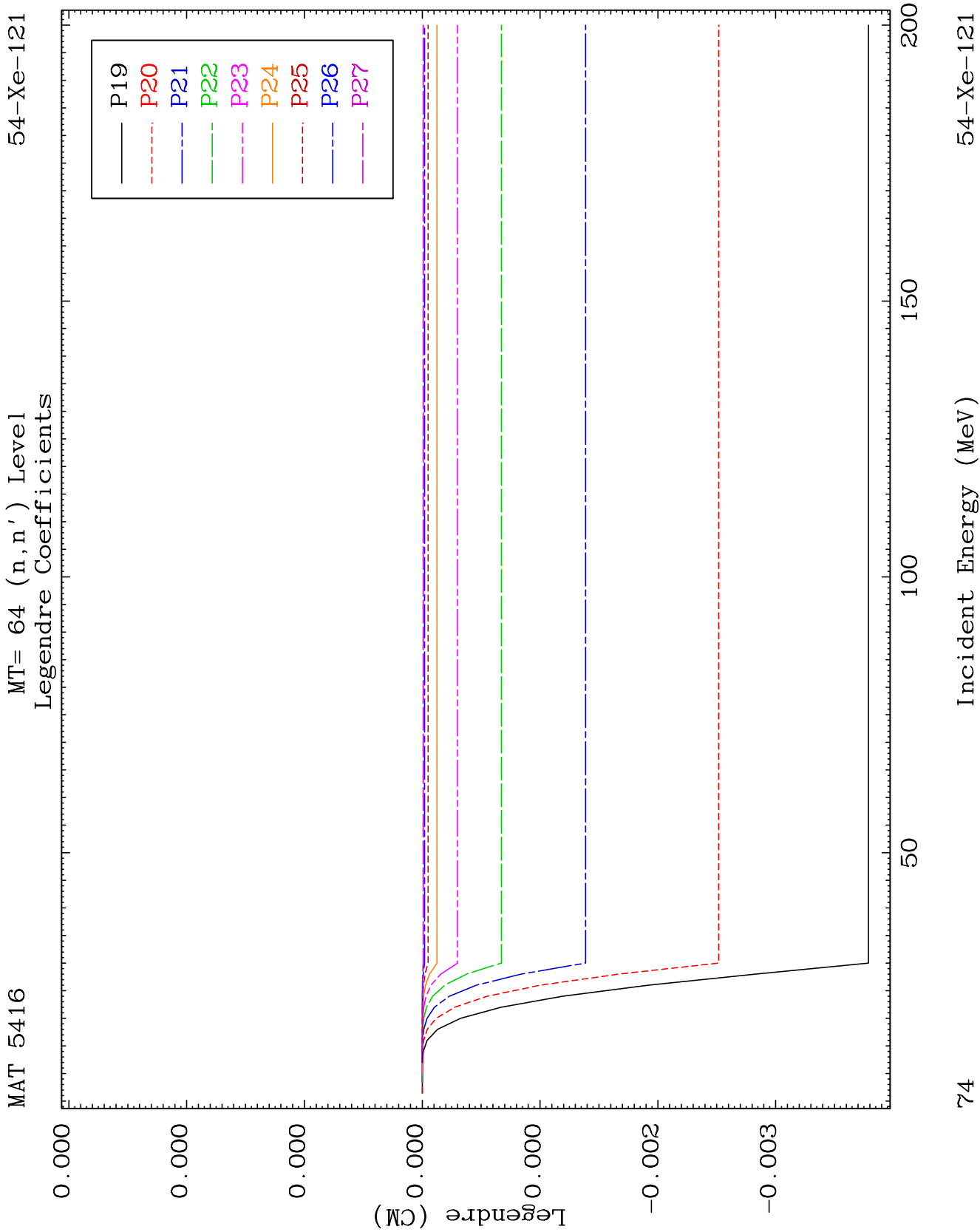


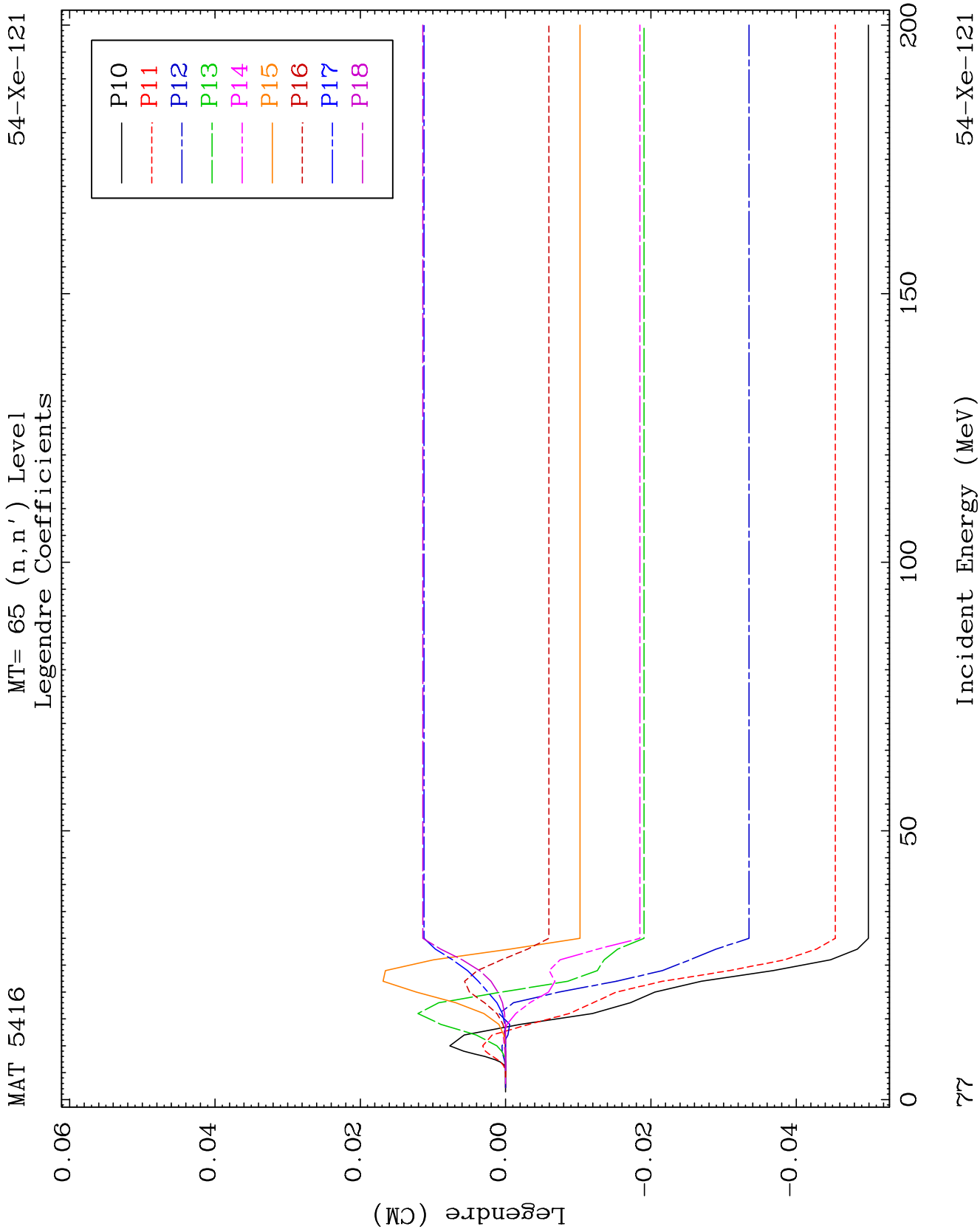
MAT 5416

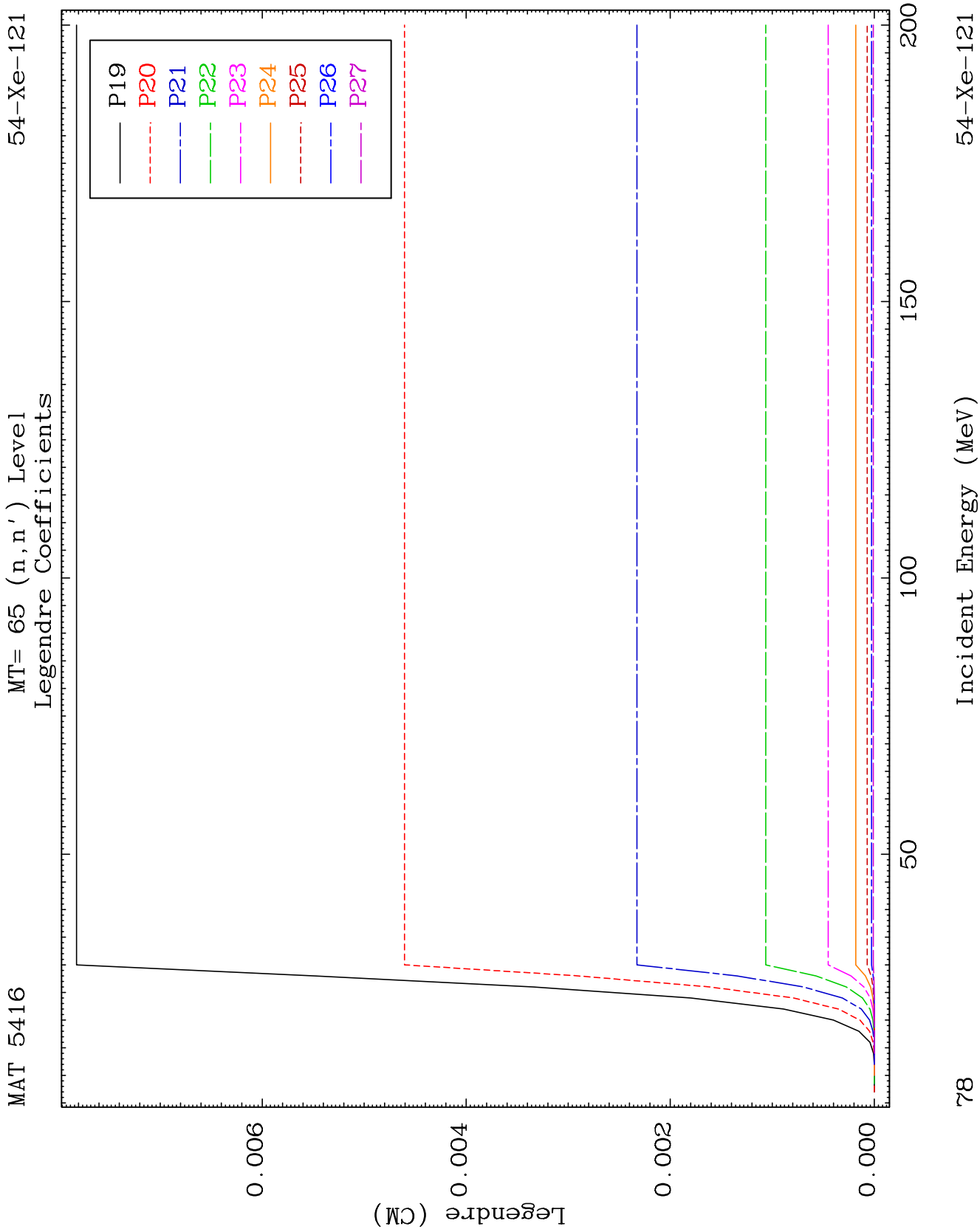
MT= 64 (n, n') Level
Legendre Coefficients

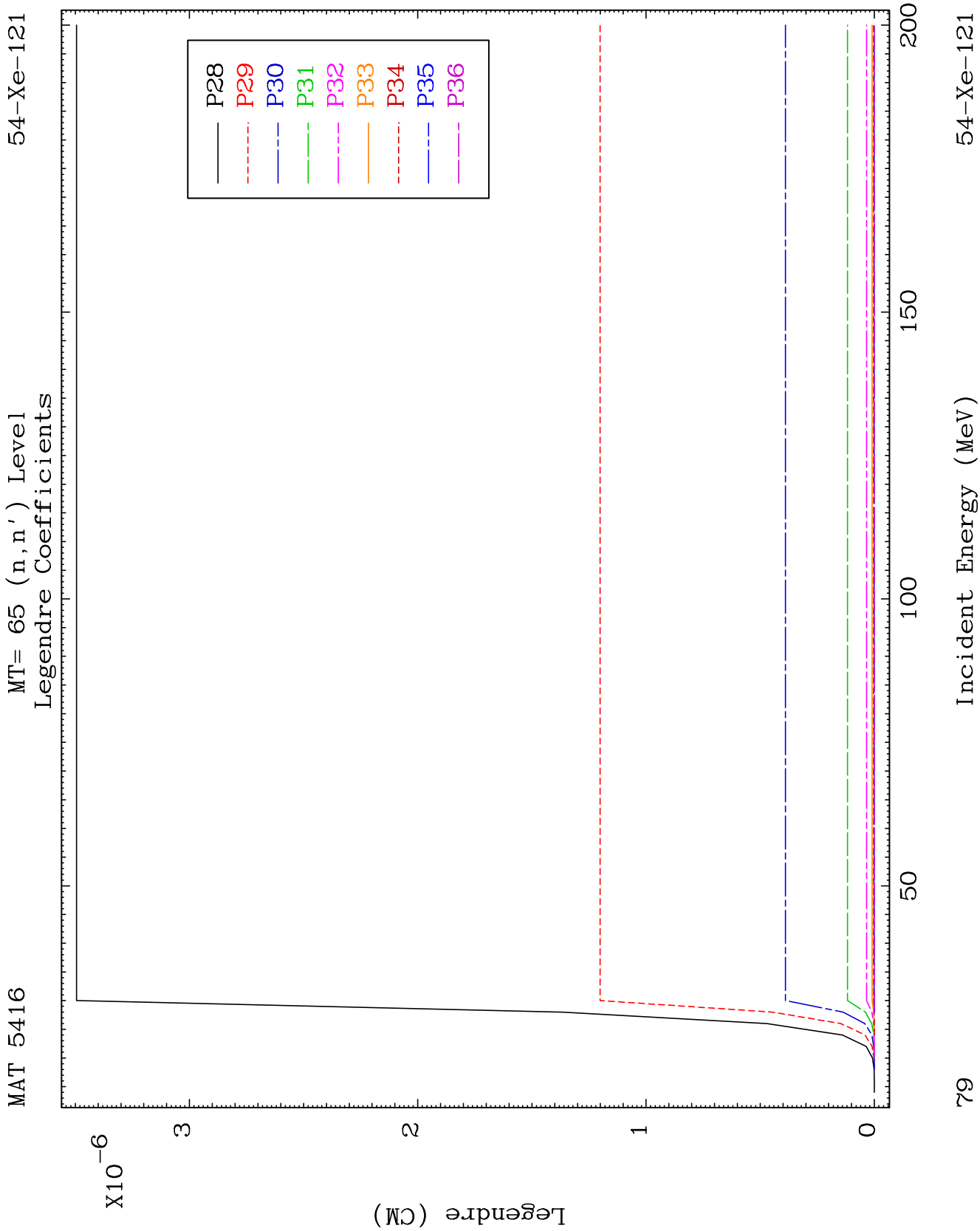
54-Xe-121







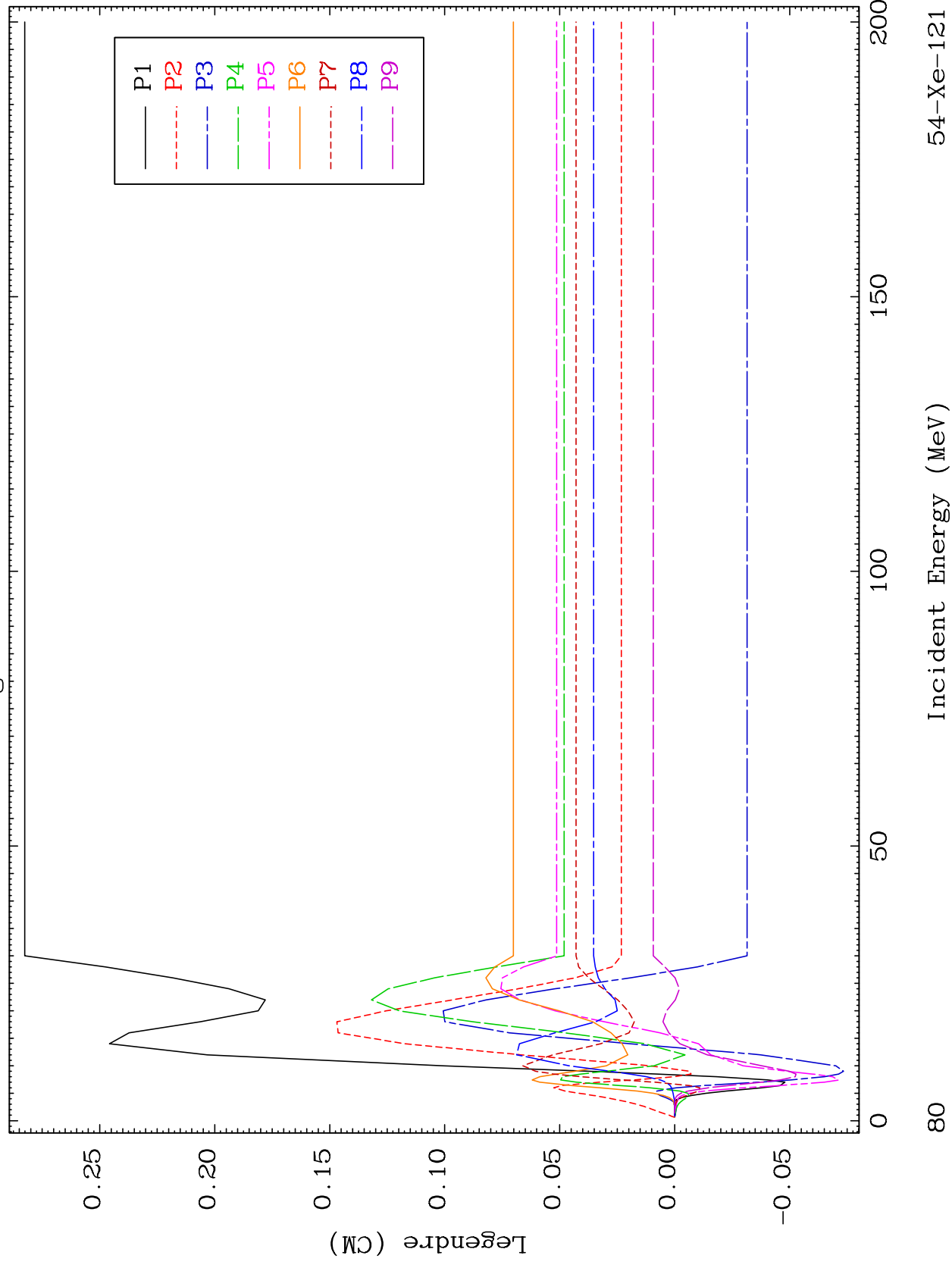


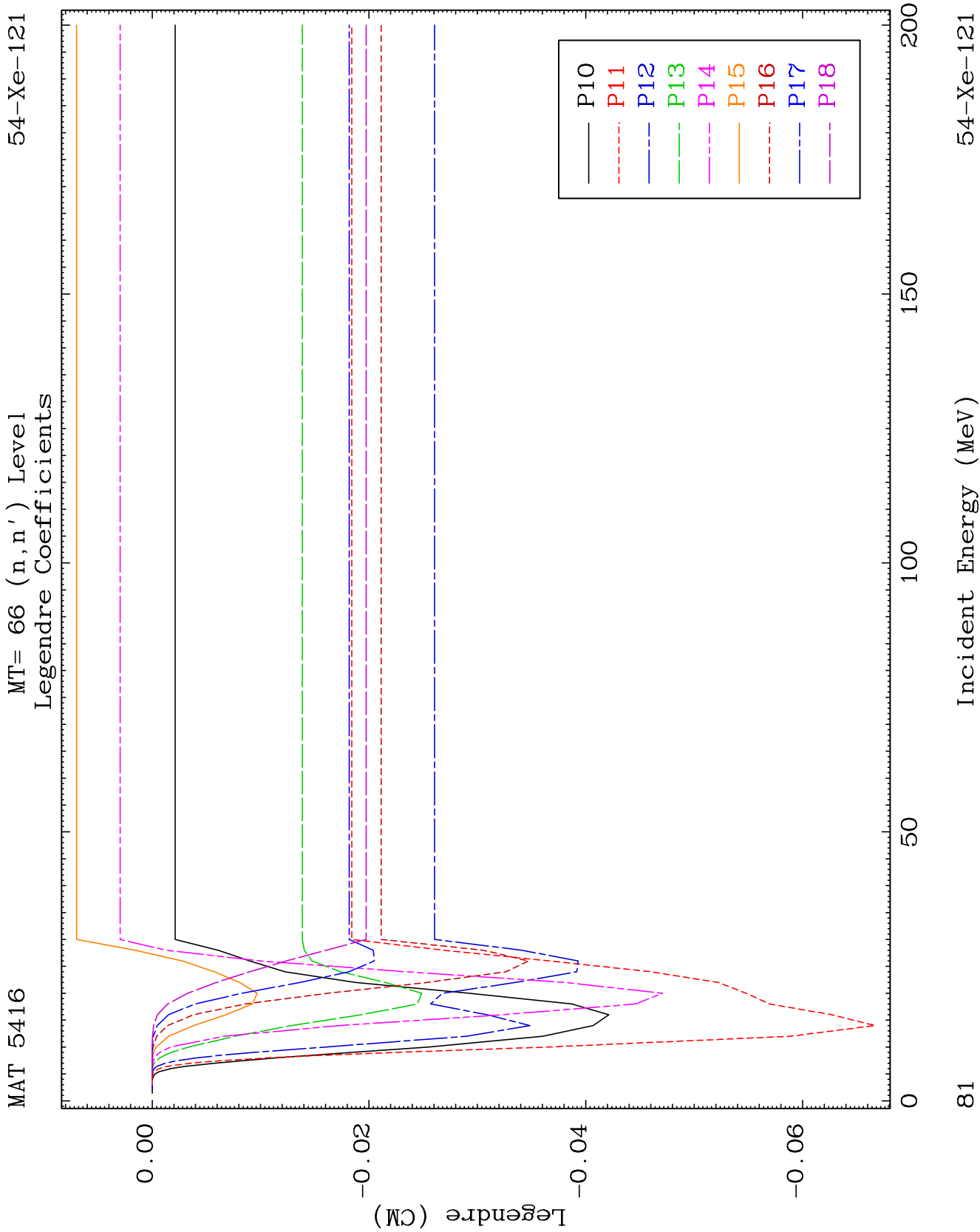


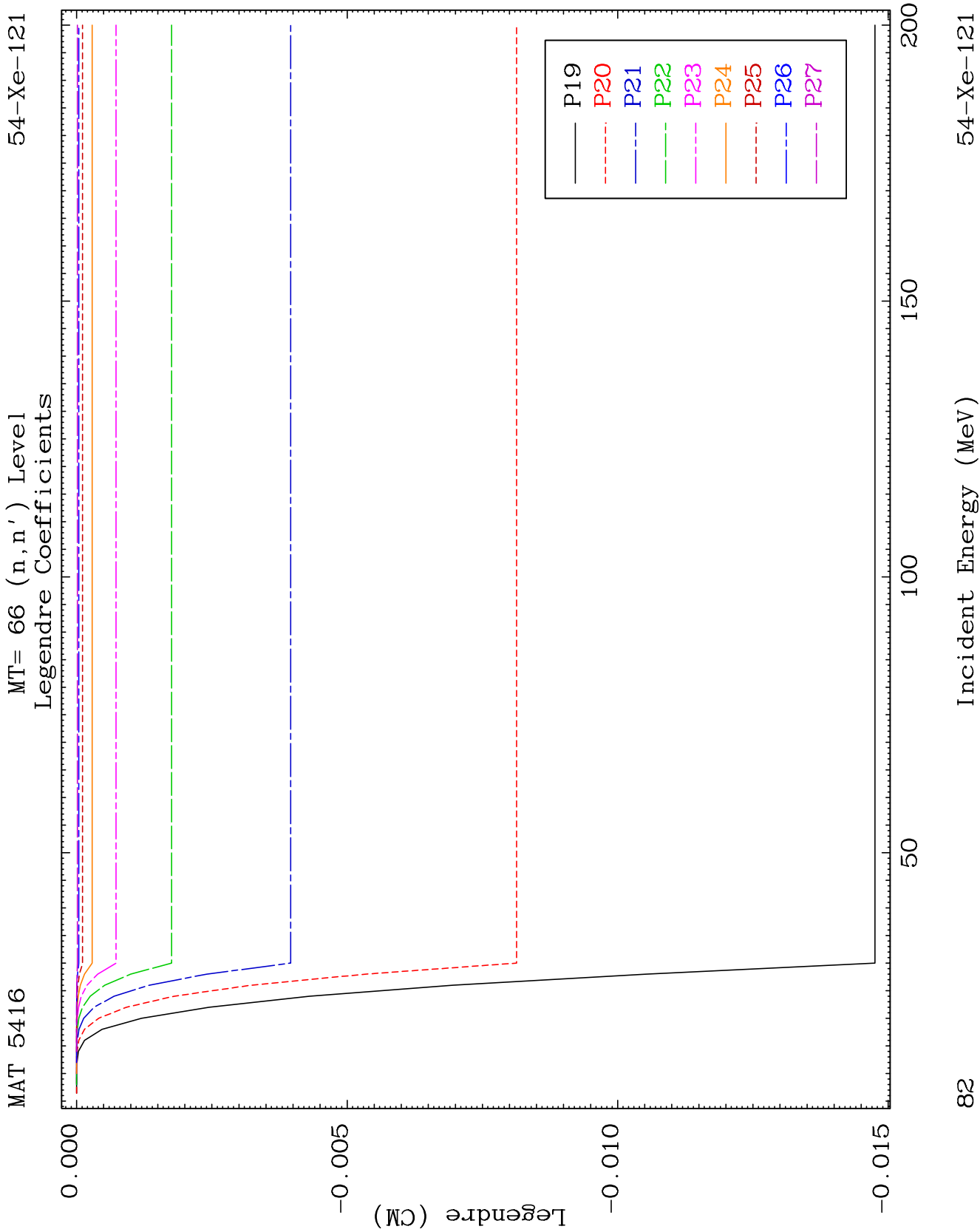
MAT 5416

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

54-Xe-121



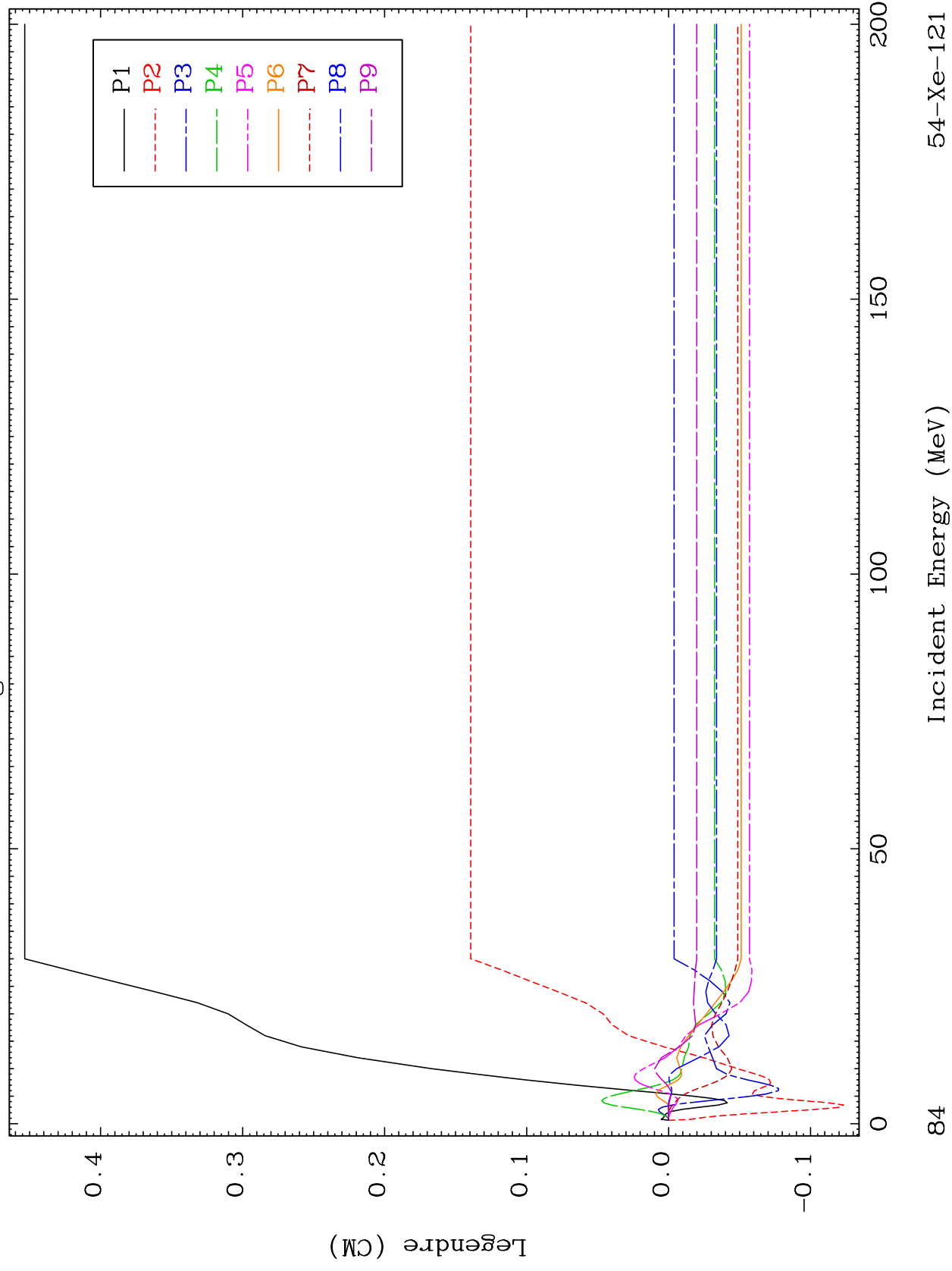


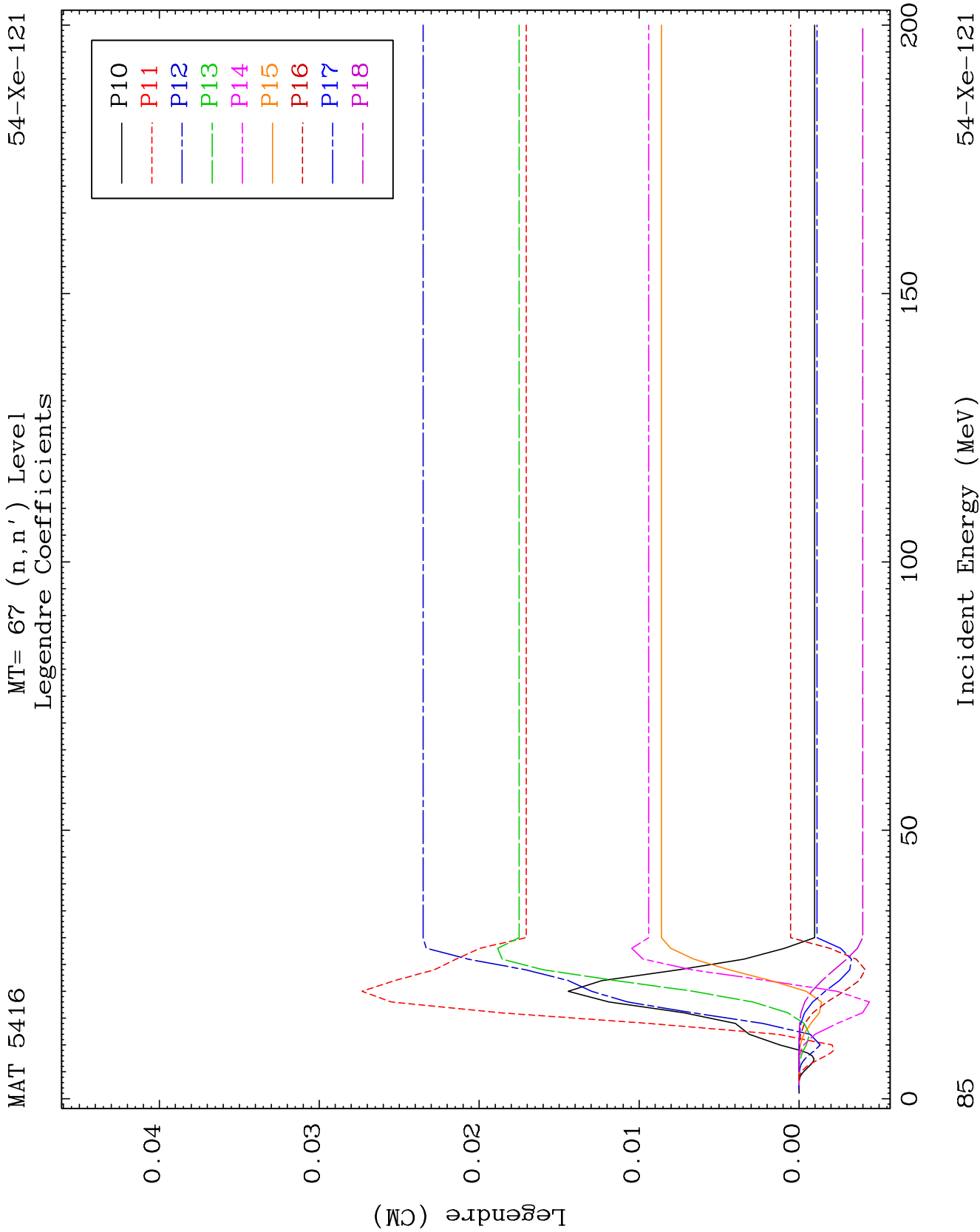


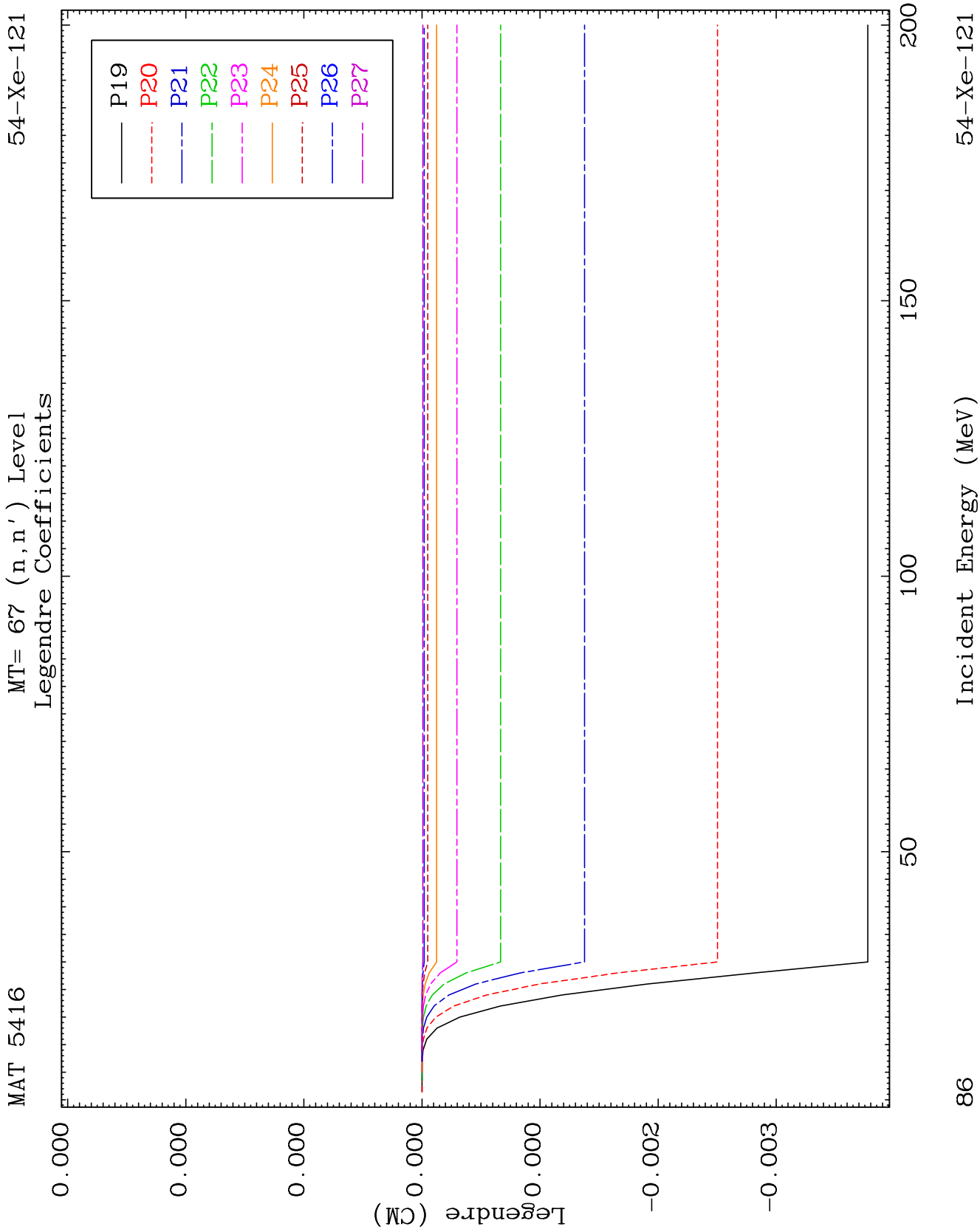
MAT 5416

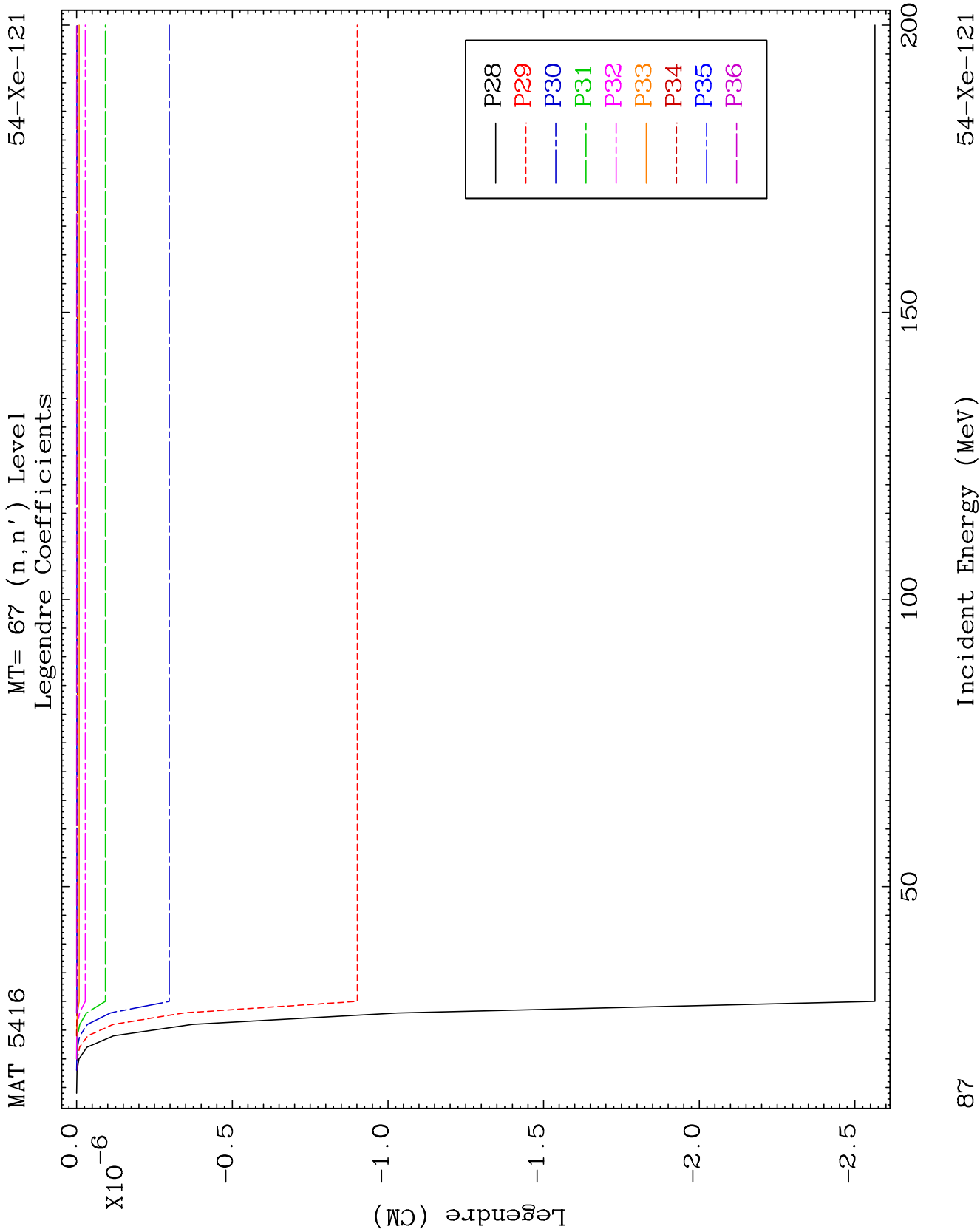
MT= 67 (n, n') Level
Legendre Coefficients

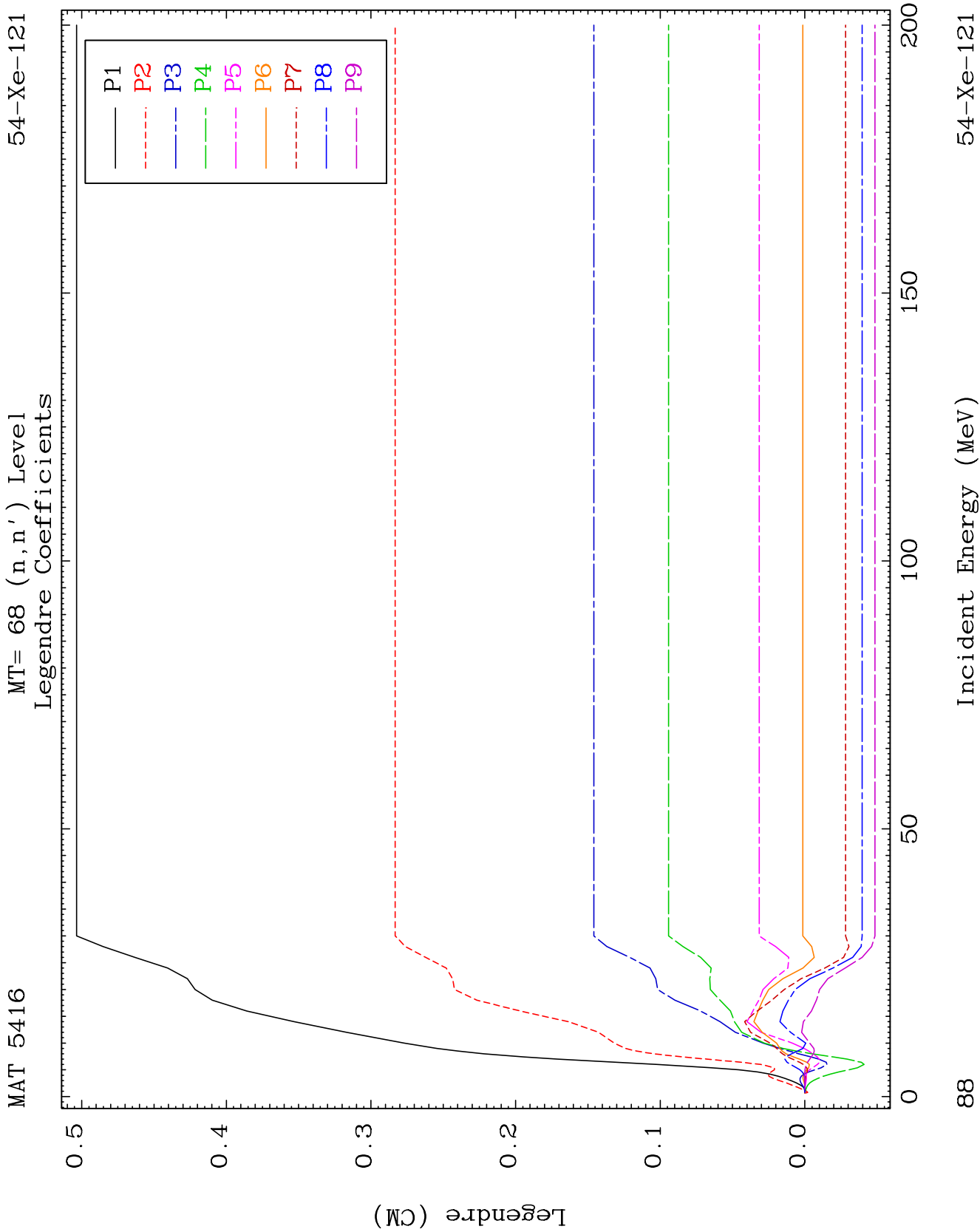
54-Xe-121

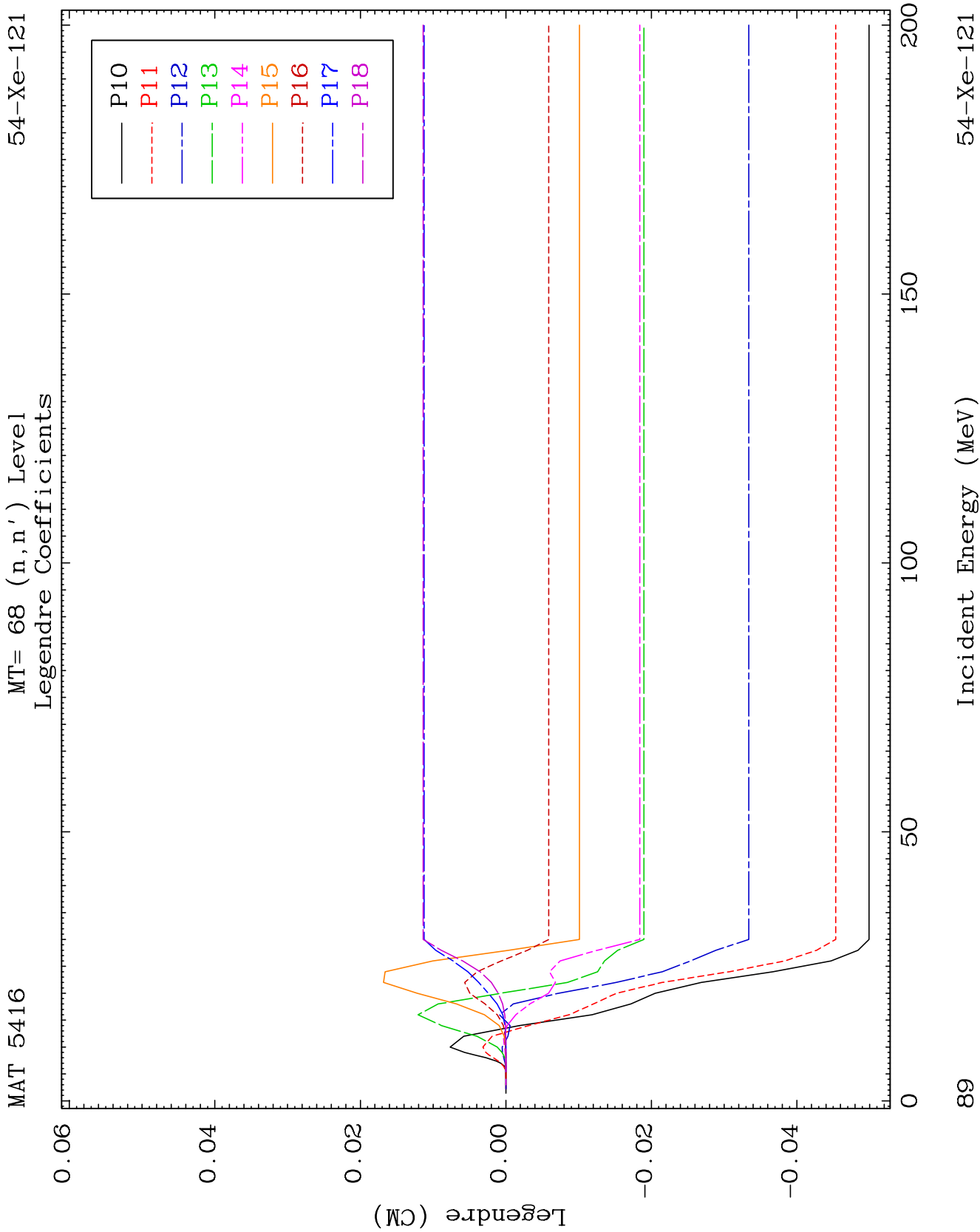








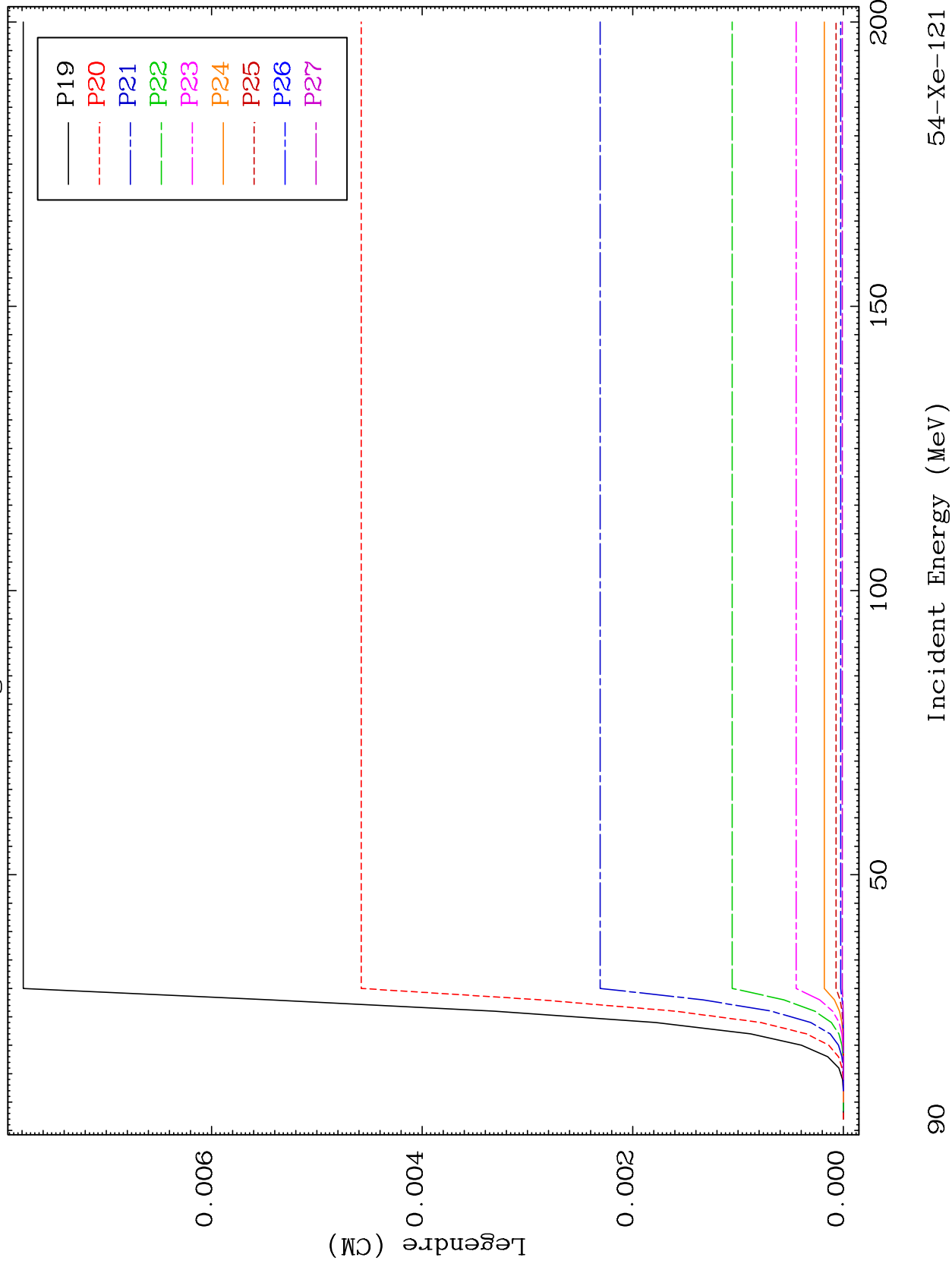


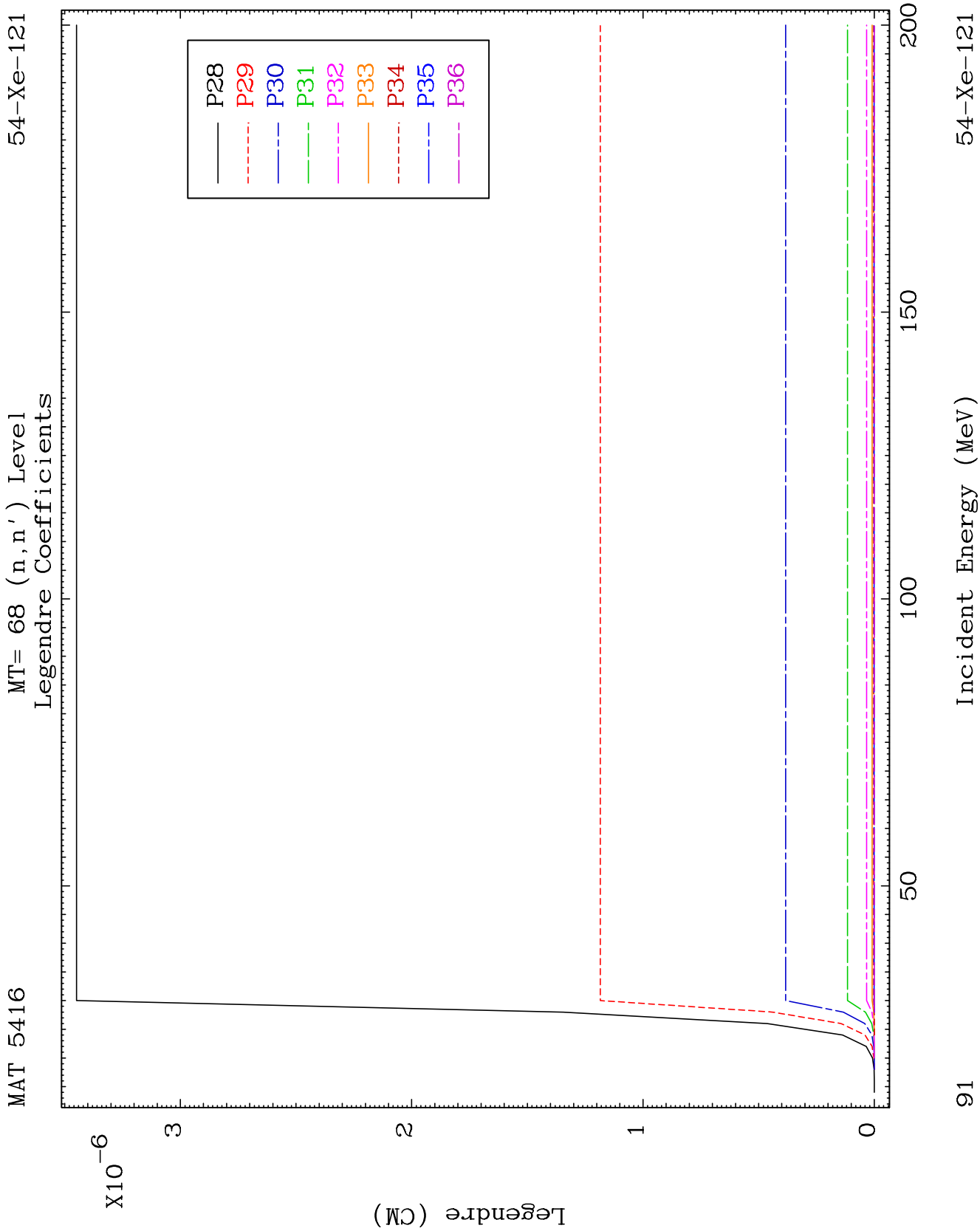


MAT 5416

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

54-Xe-121

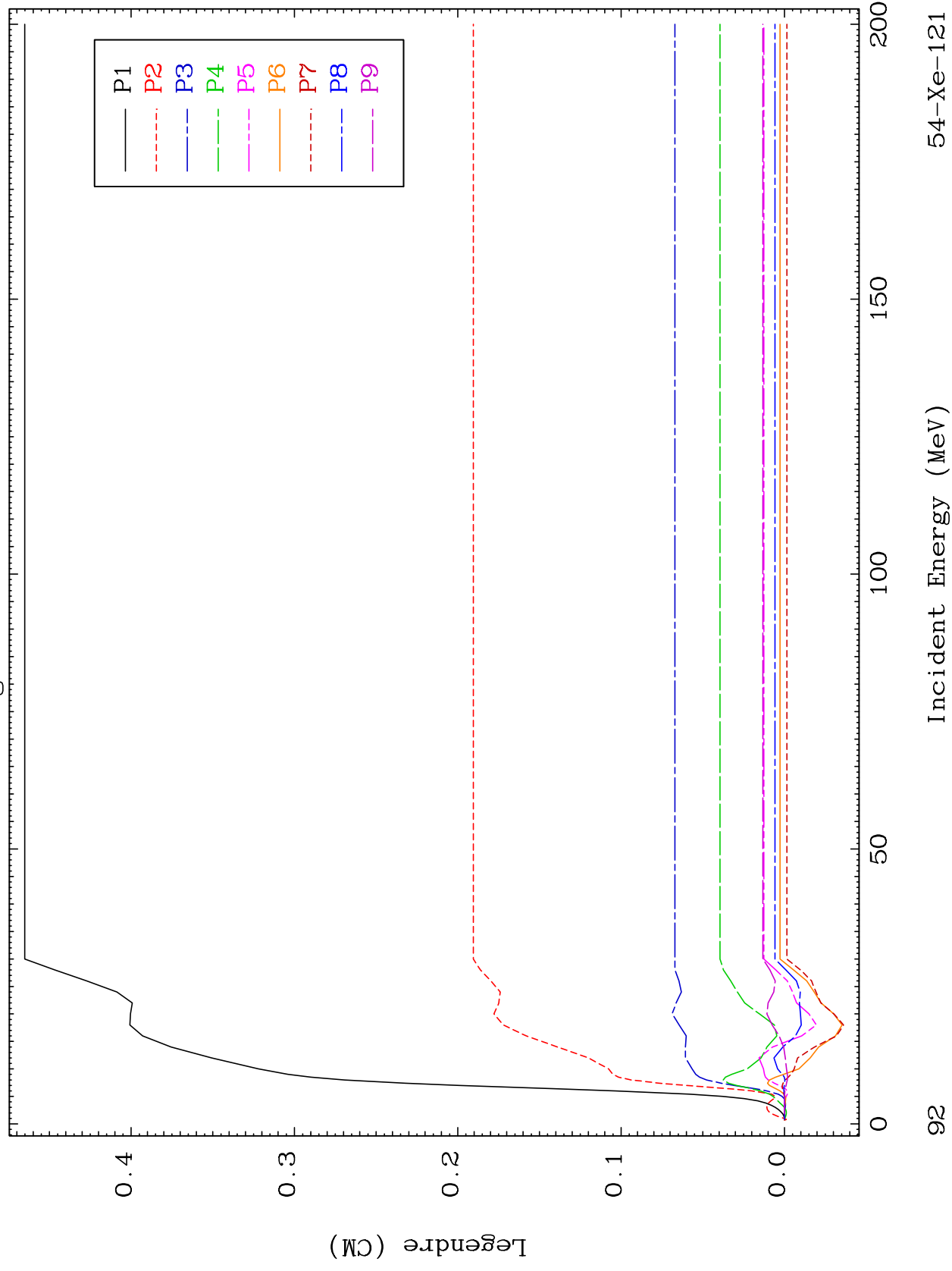




MAT 5416

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

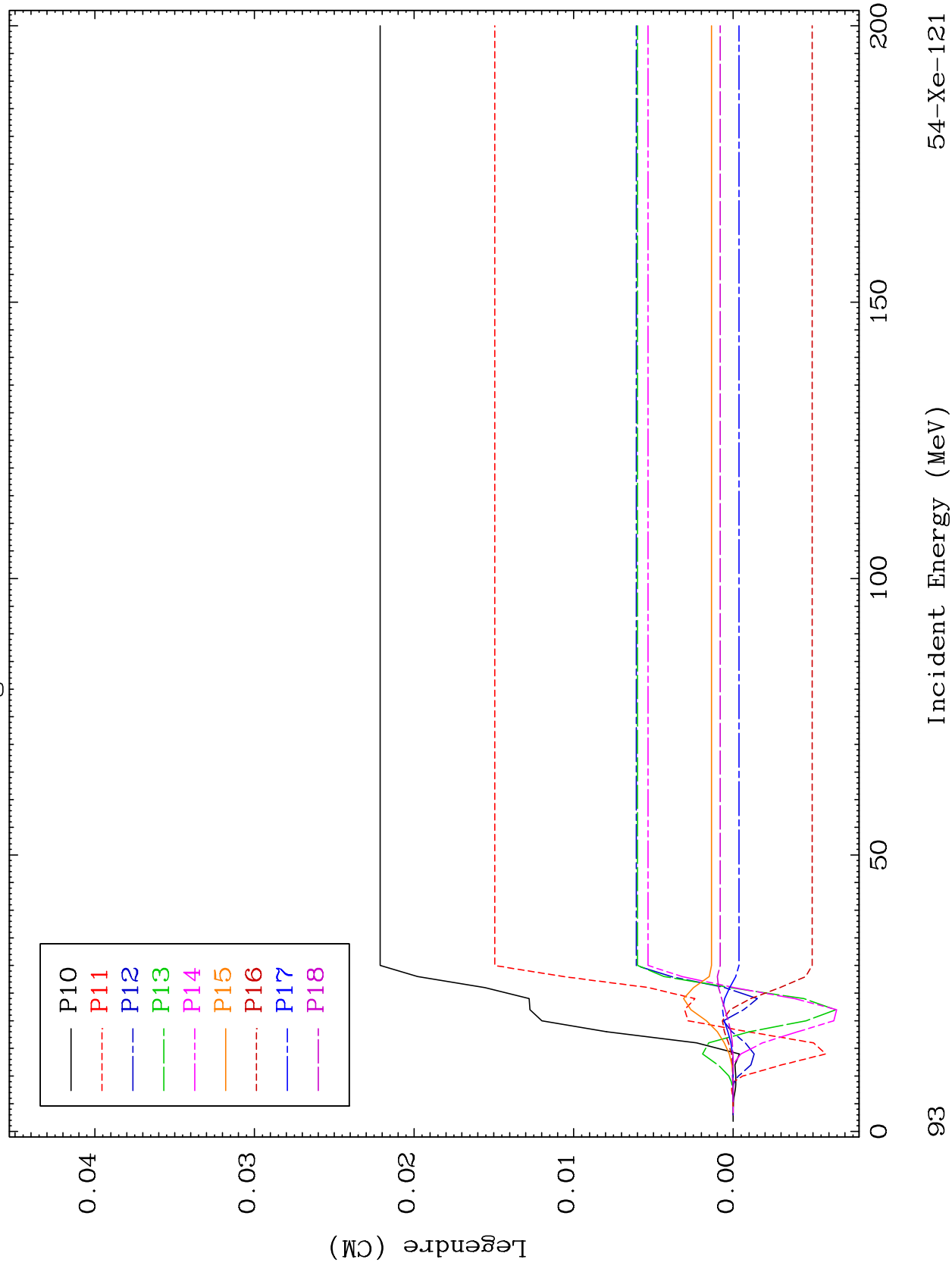
54-Xe-121

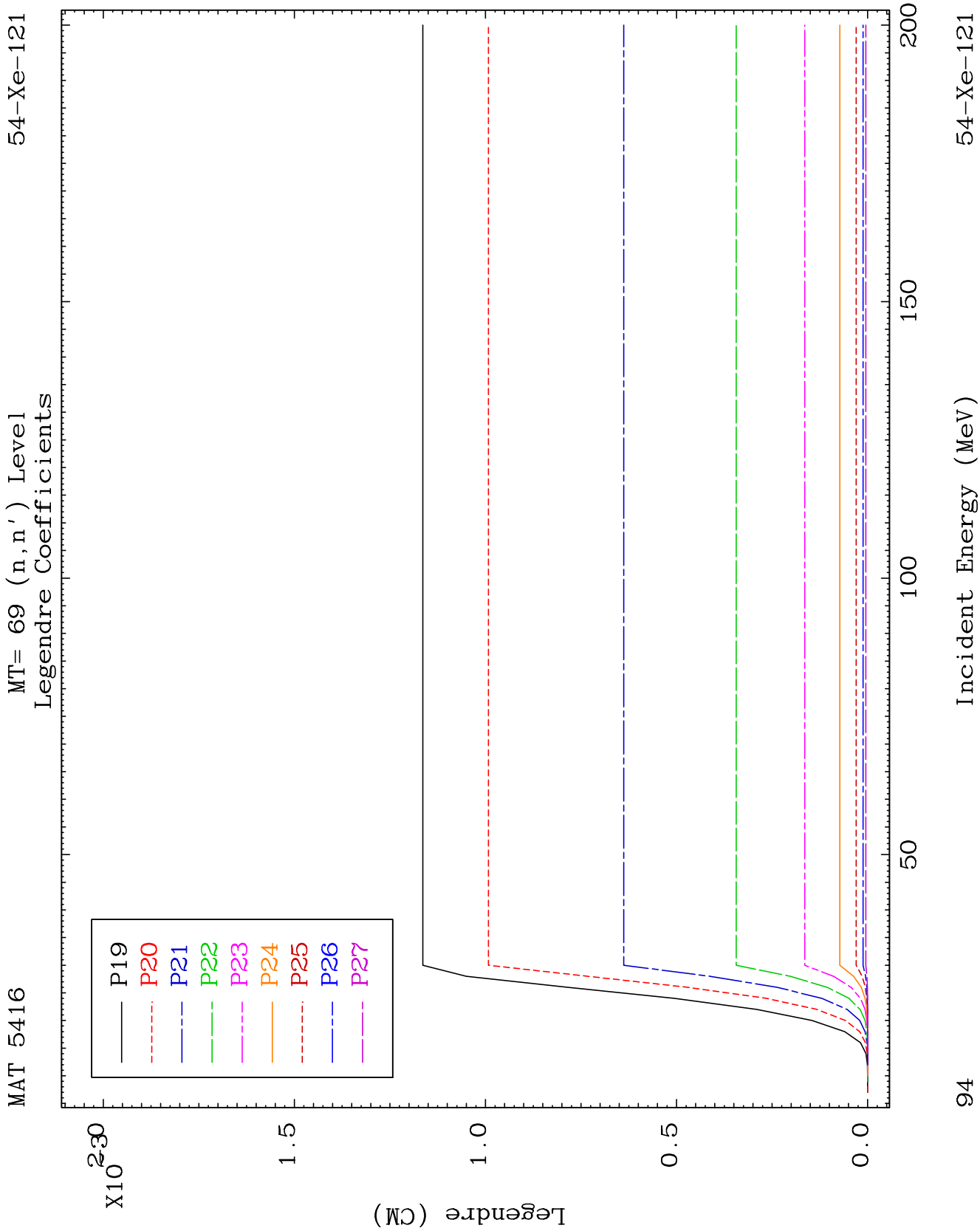


MAT 5416

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

54-Xe-121

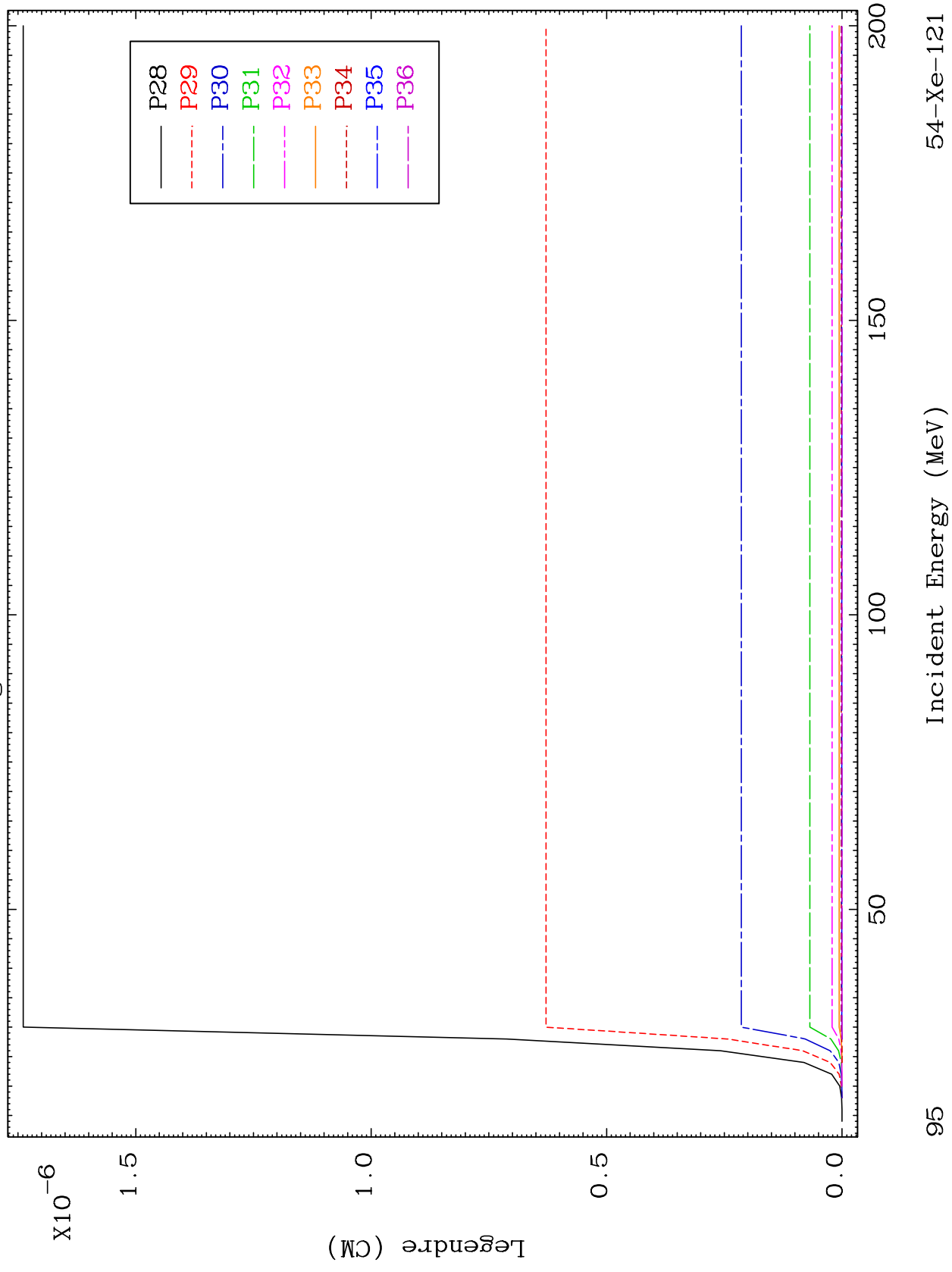




MAT 5416

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

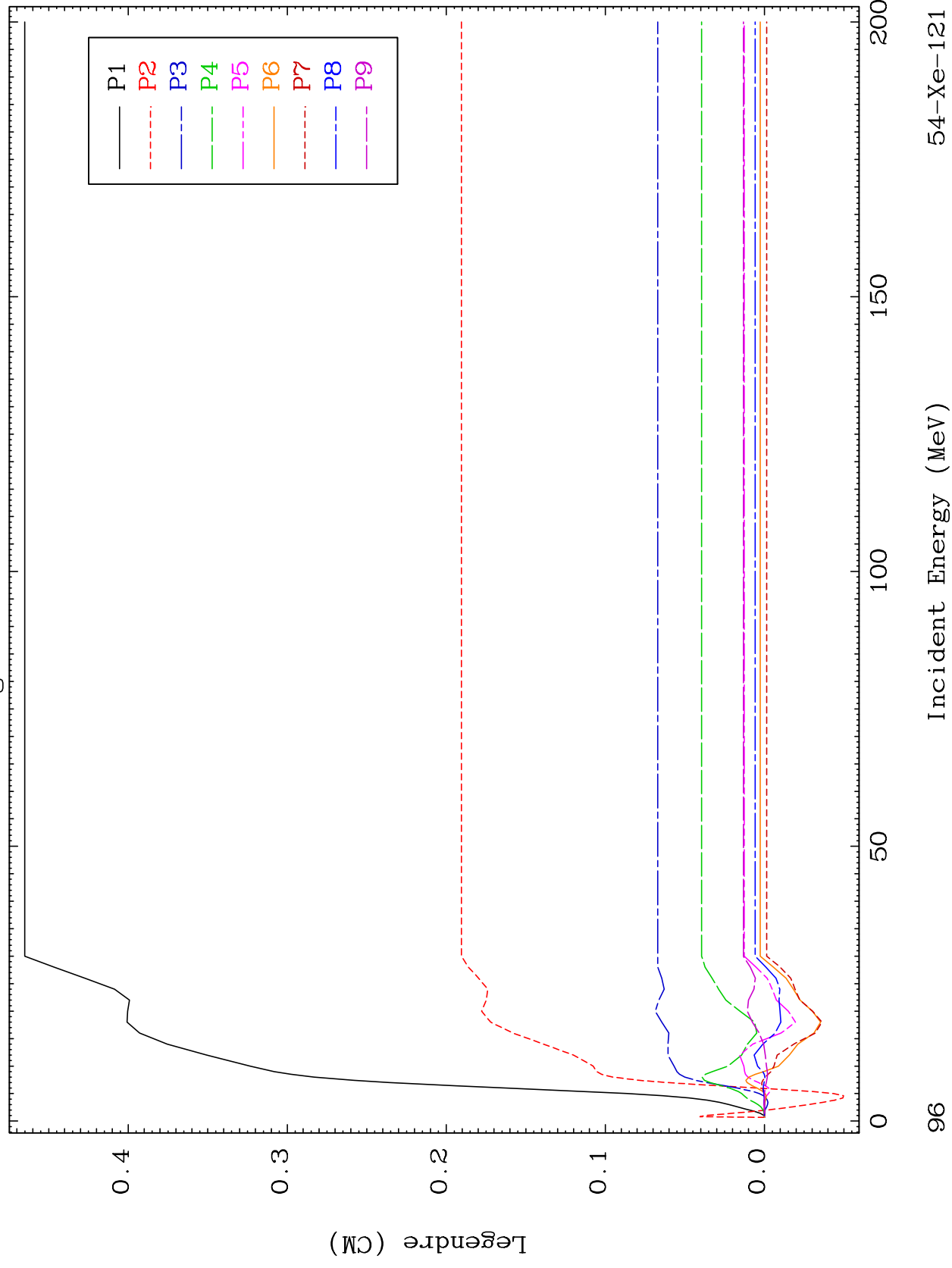
54-Xe-121



MAT 5416

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

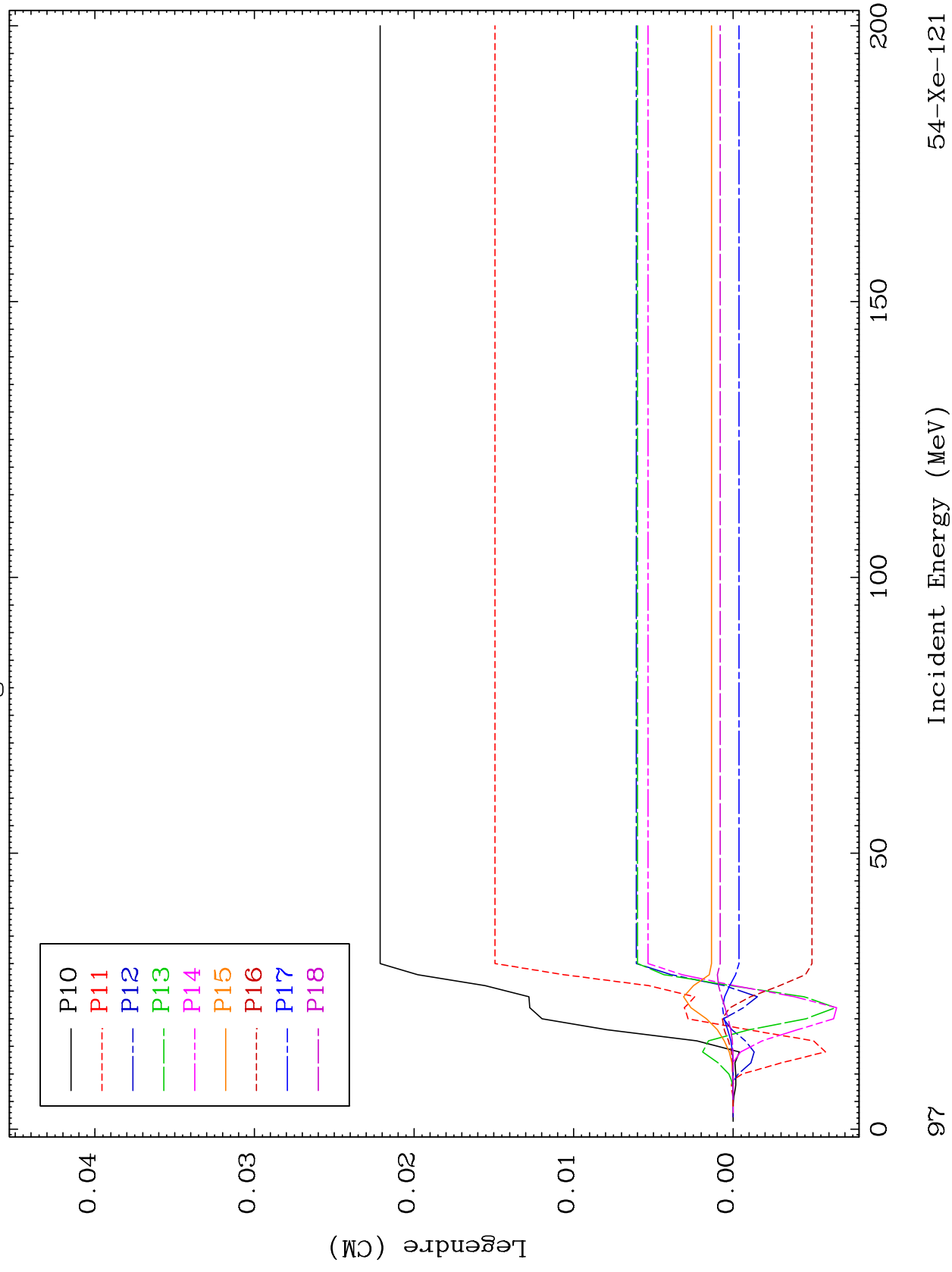
54-Xe-121



MAT 5416

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

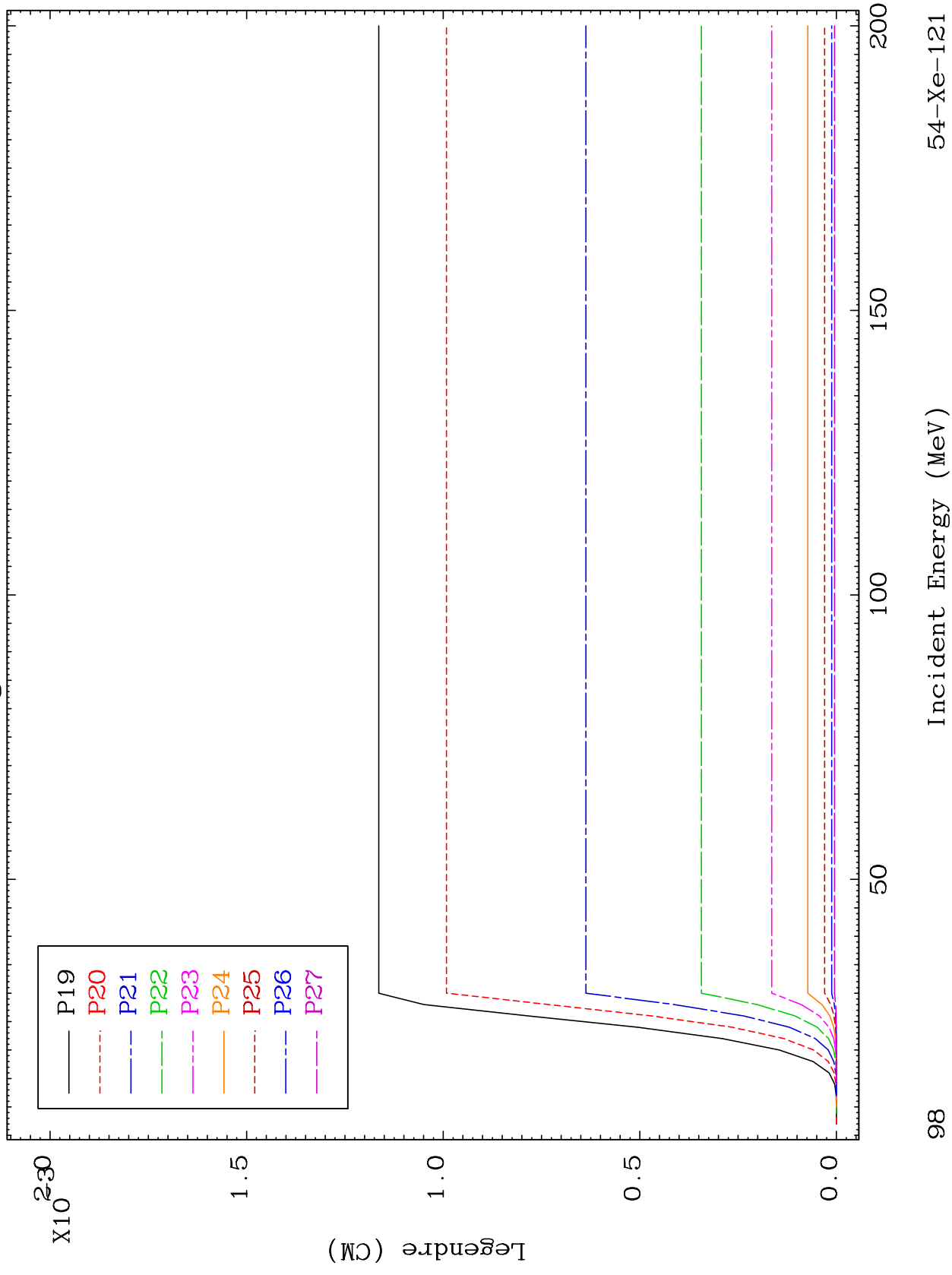
54-Xe-121



MAT 5416

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

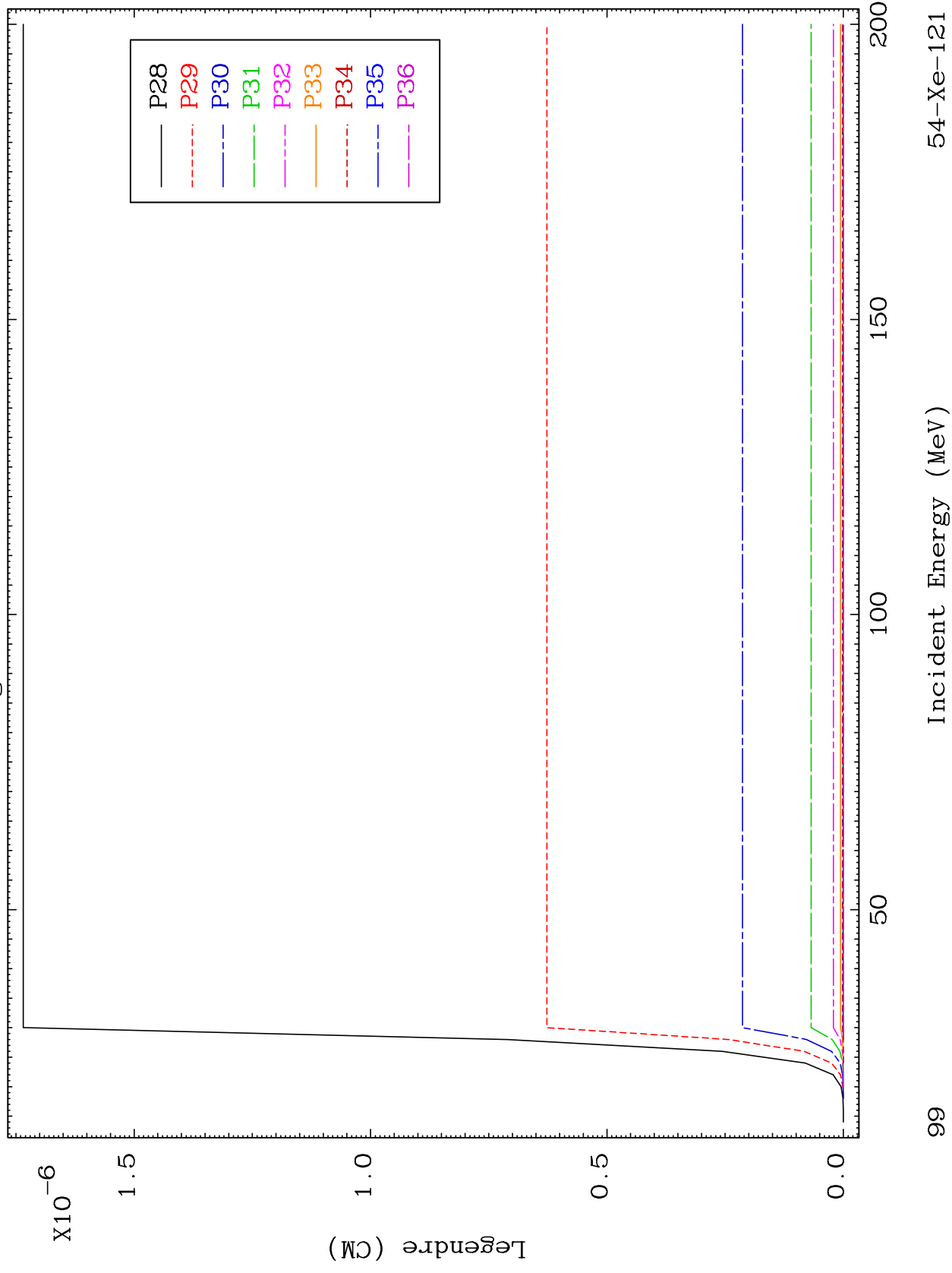
54-Xe-121



MAT 5416

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

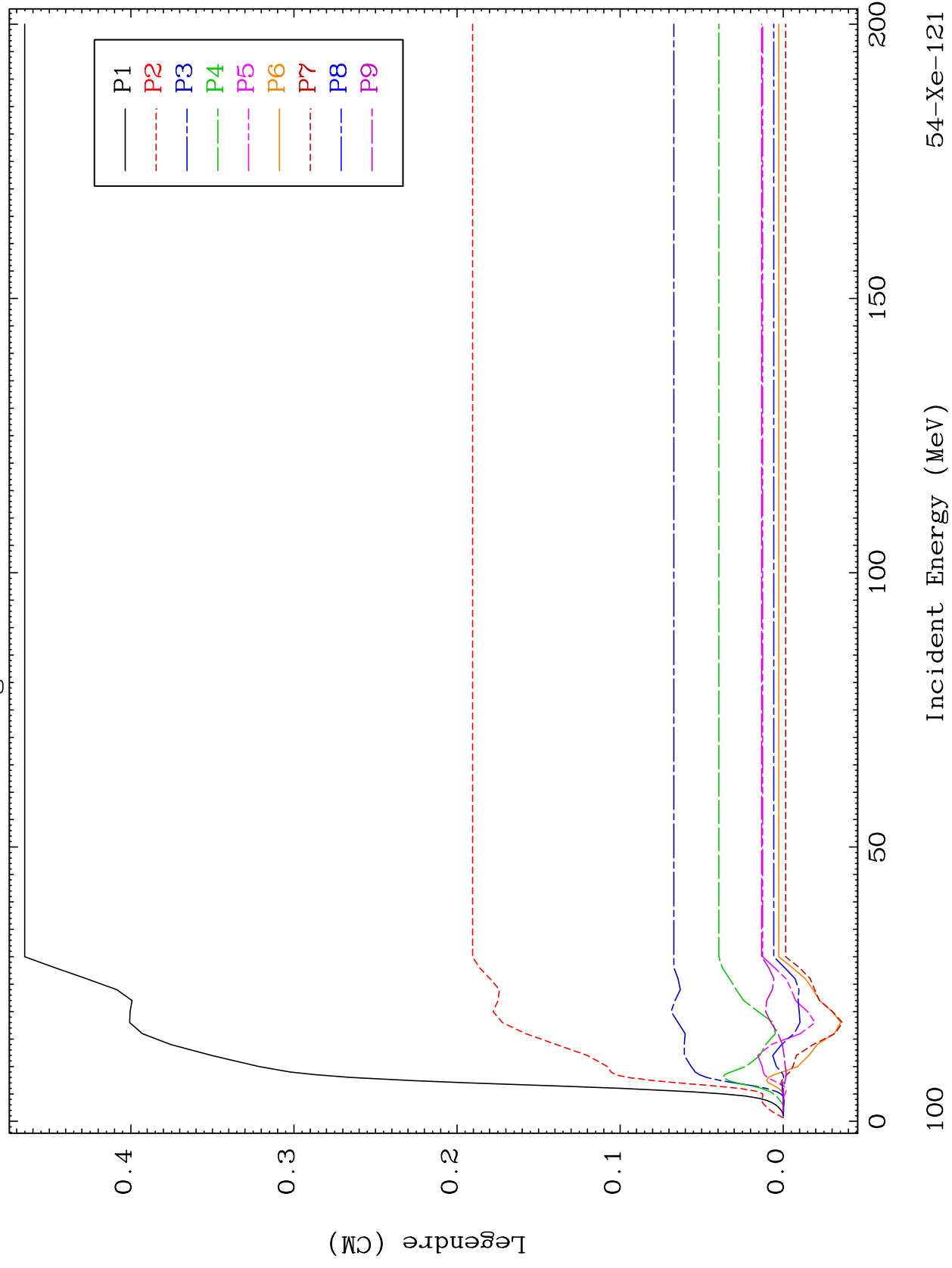
54-Xe-121



MAT 5416

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

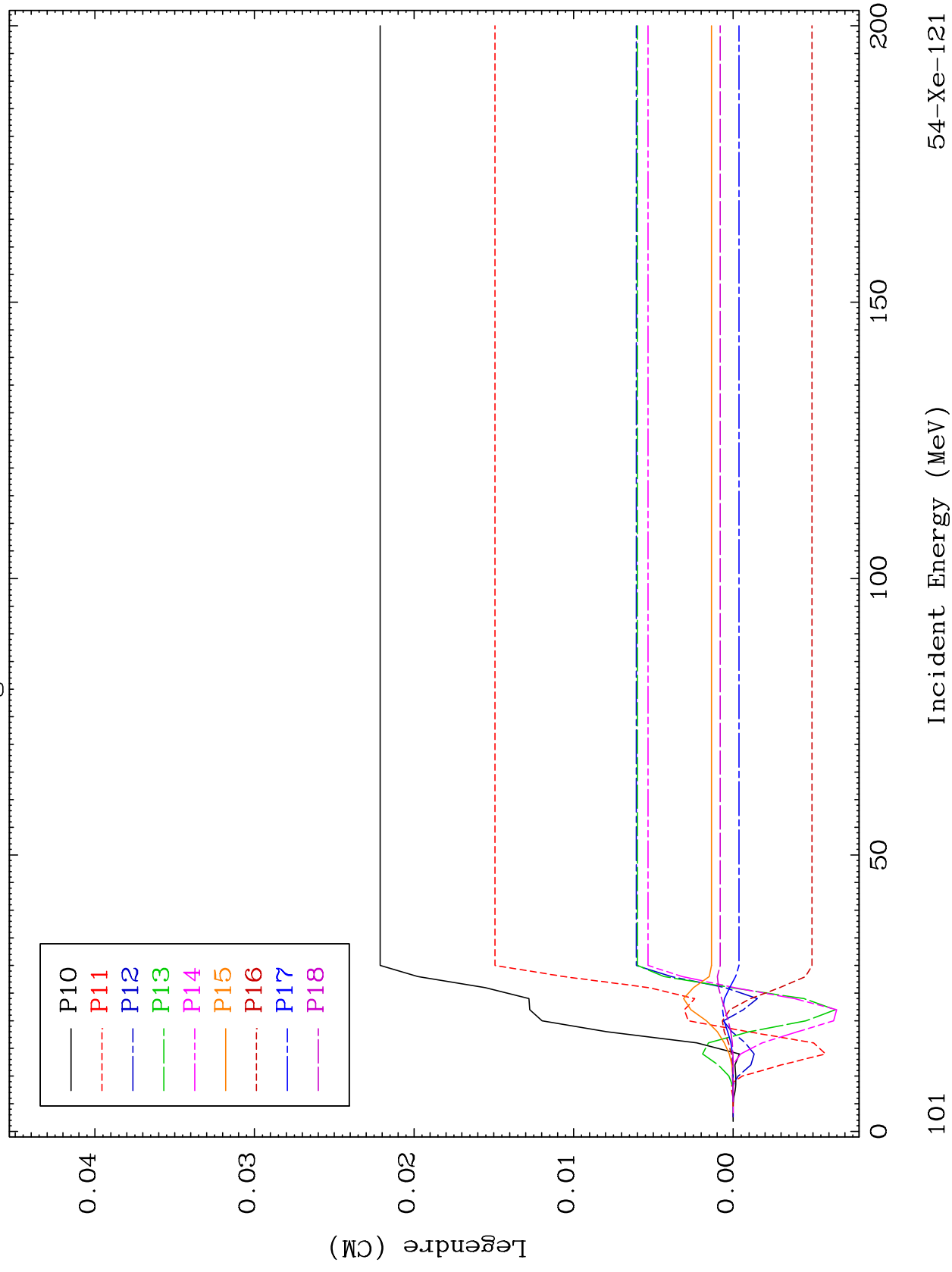
54-Xe-121

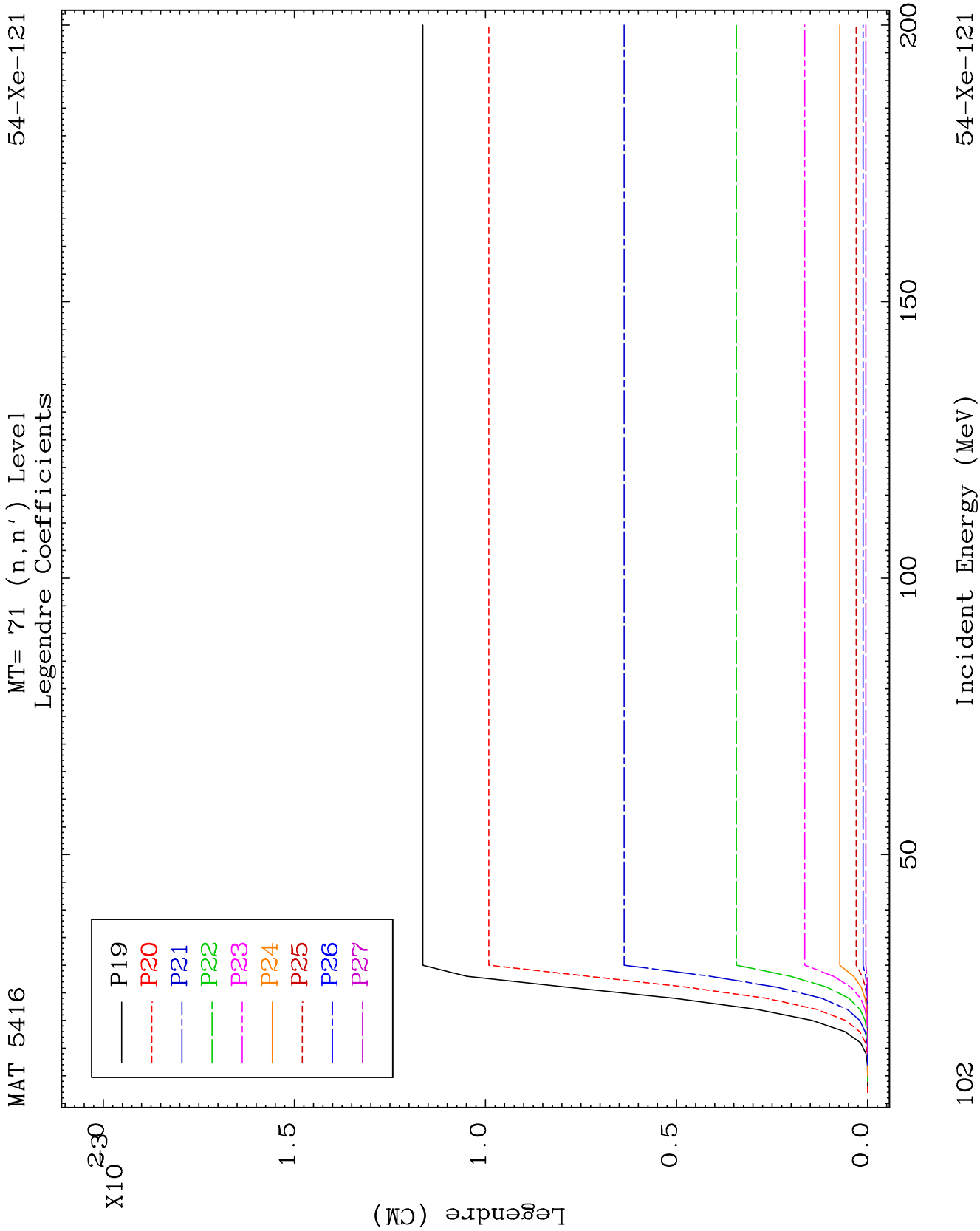


MAT 5416

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

54-Xe-121

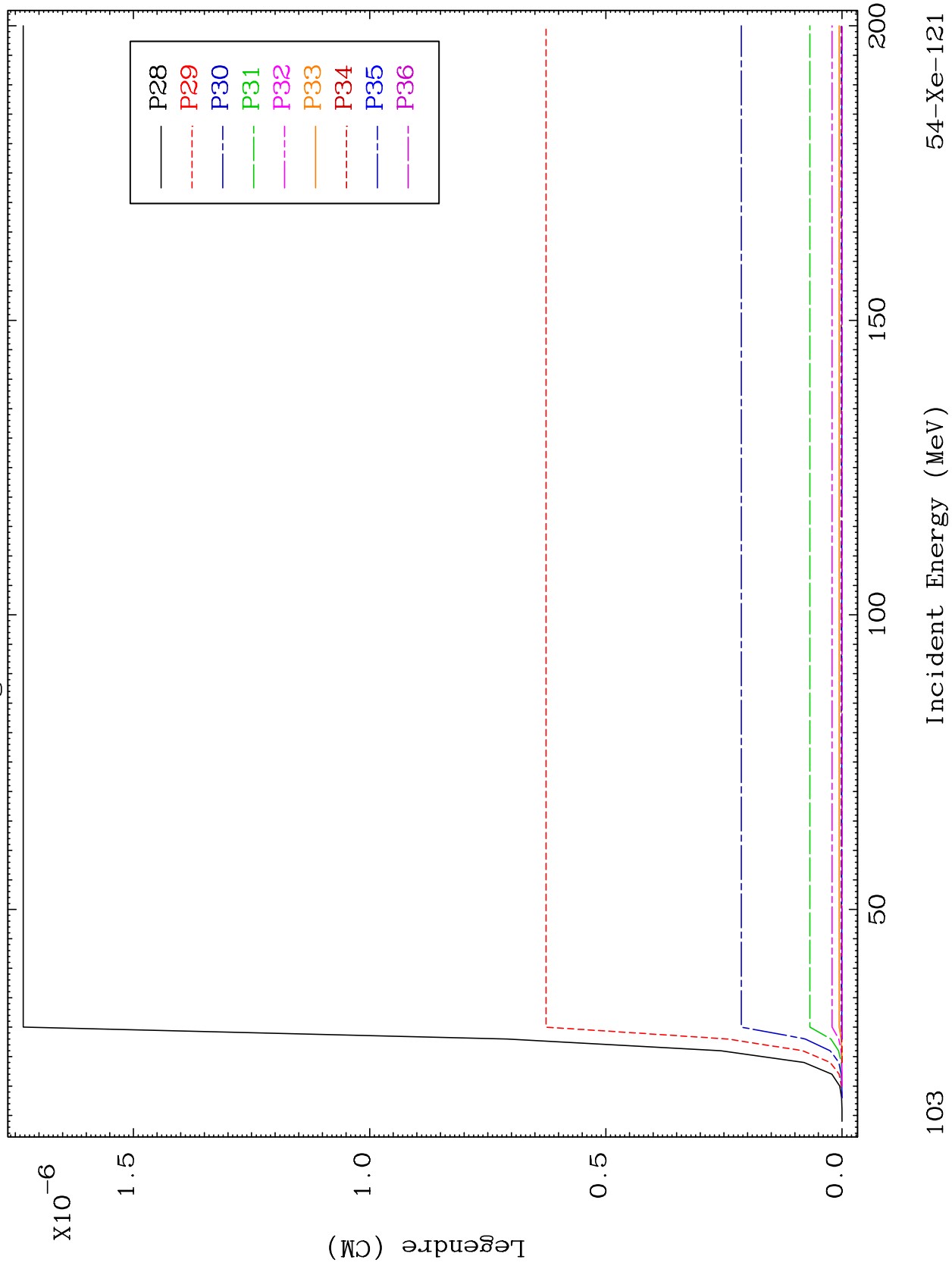


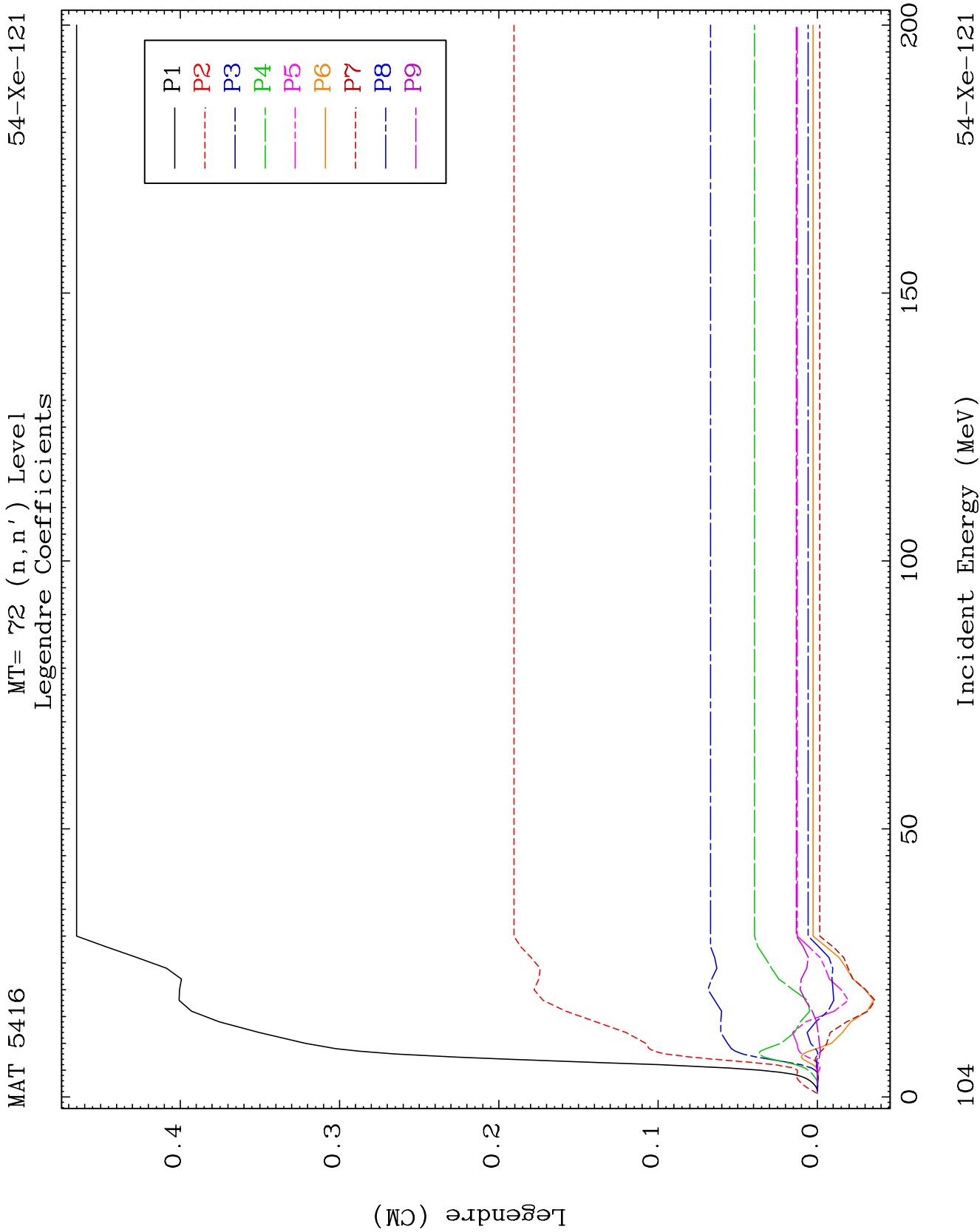


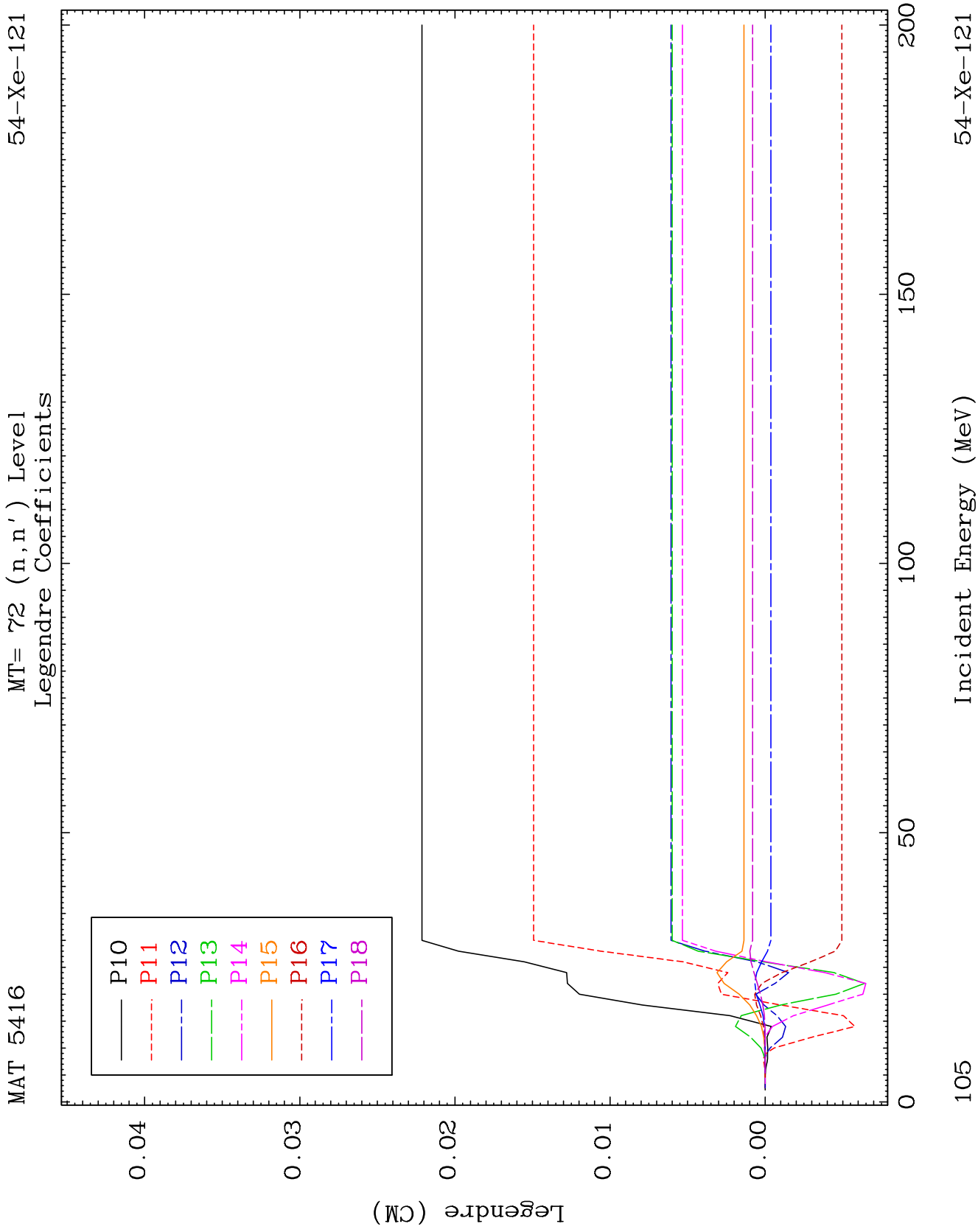
MAT 5416

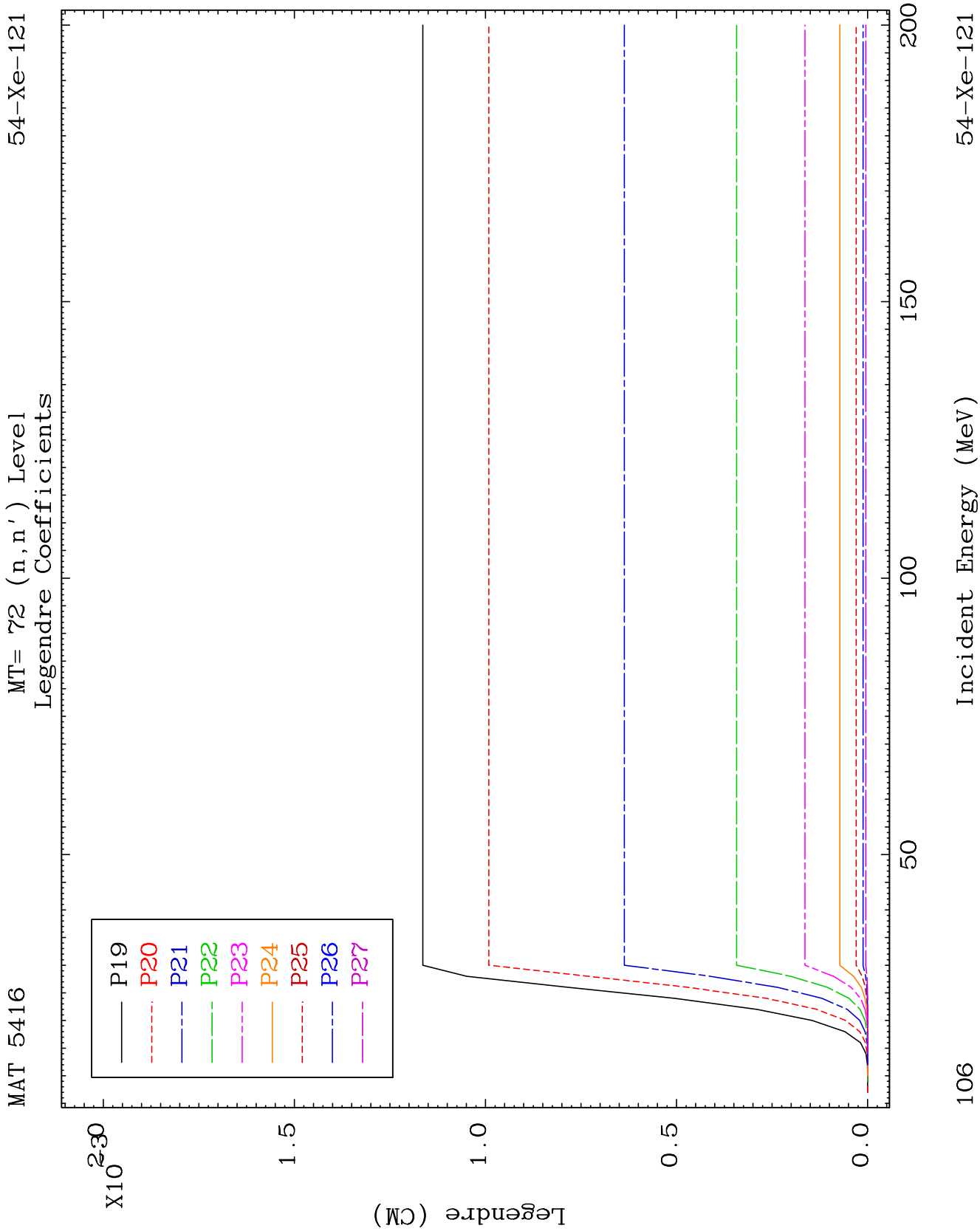
MT= 71 (n, n') Level
Legendre Coefficients

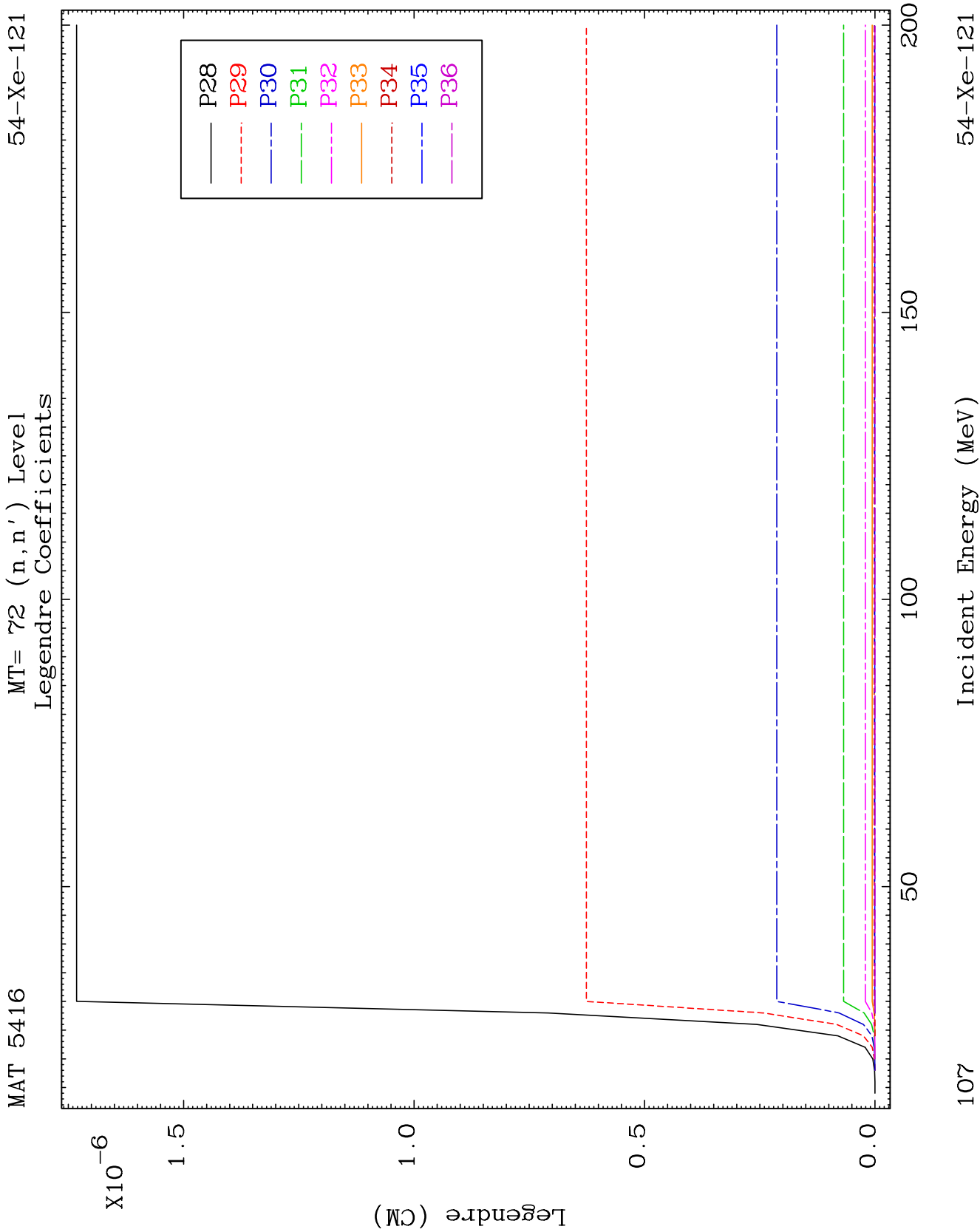
54-Xe-121







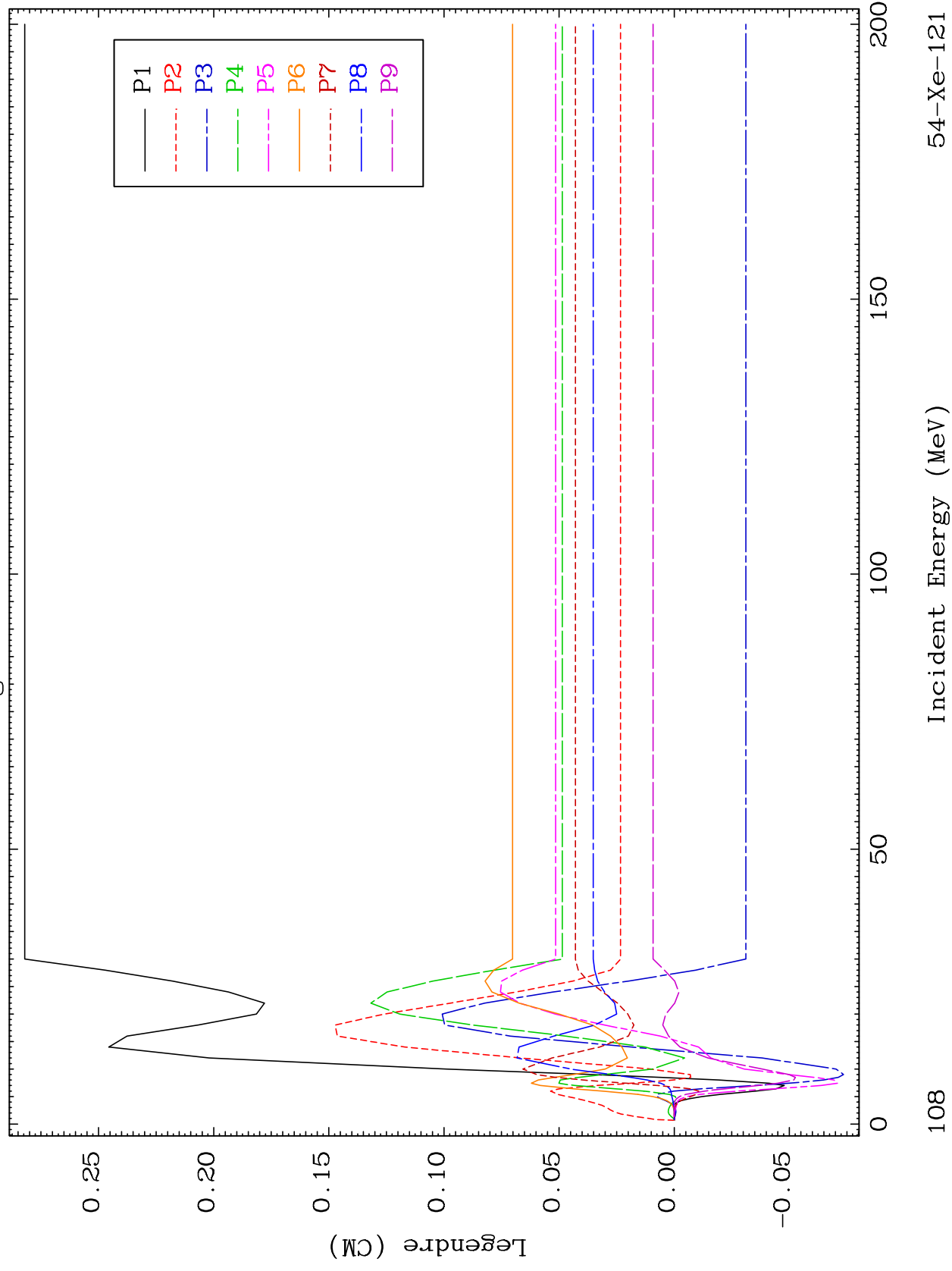


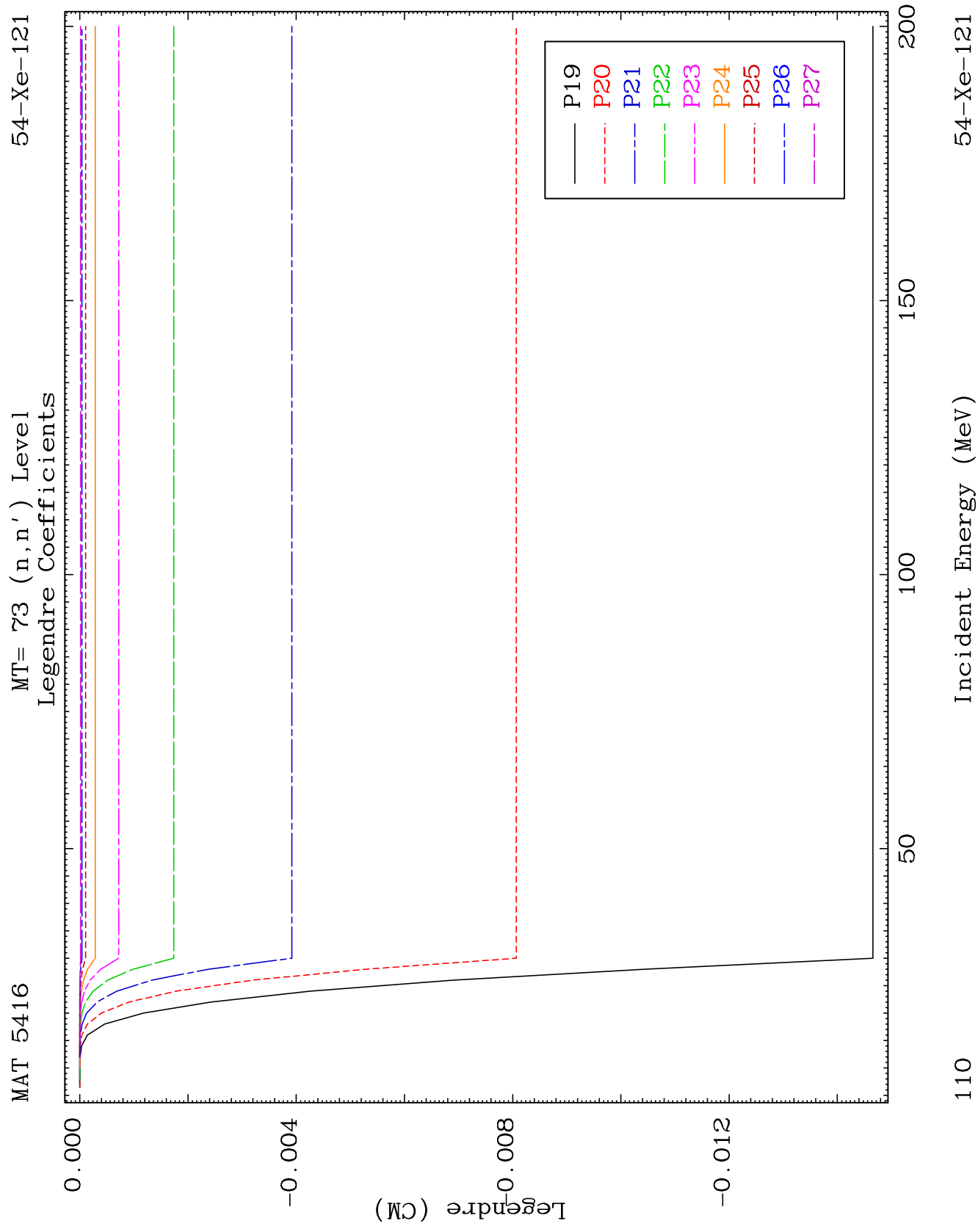


MAT 5416

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

54-Xe-121

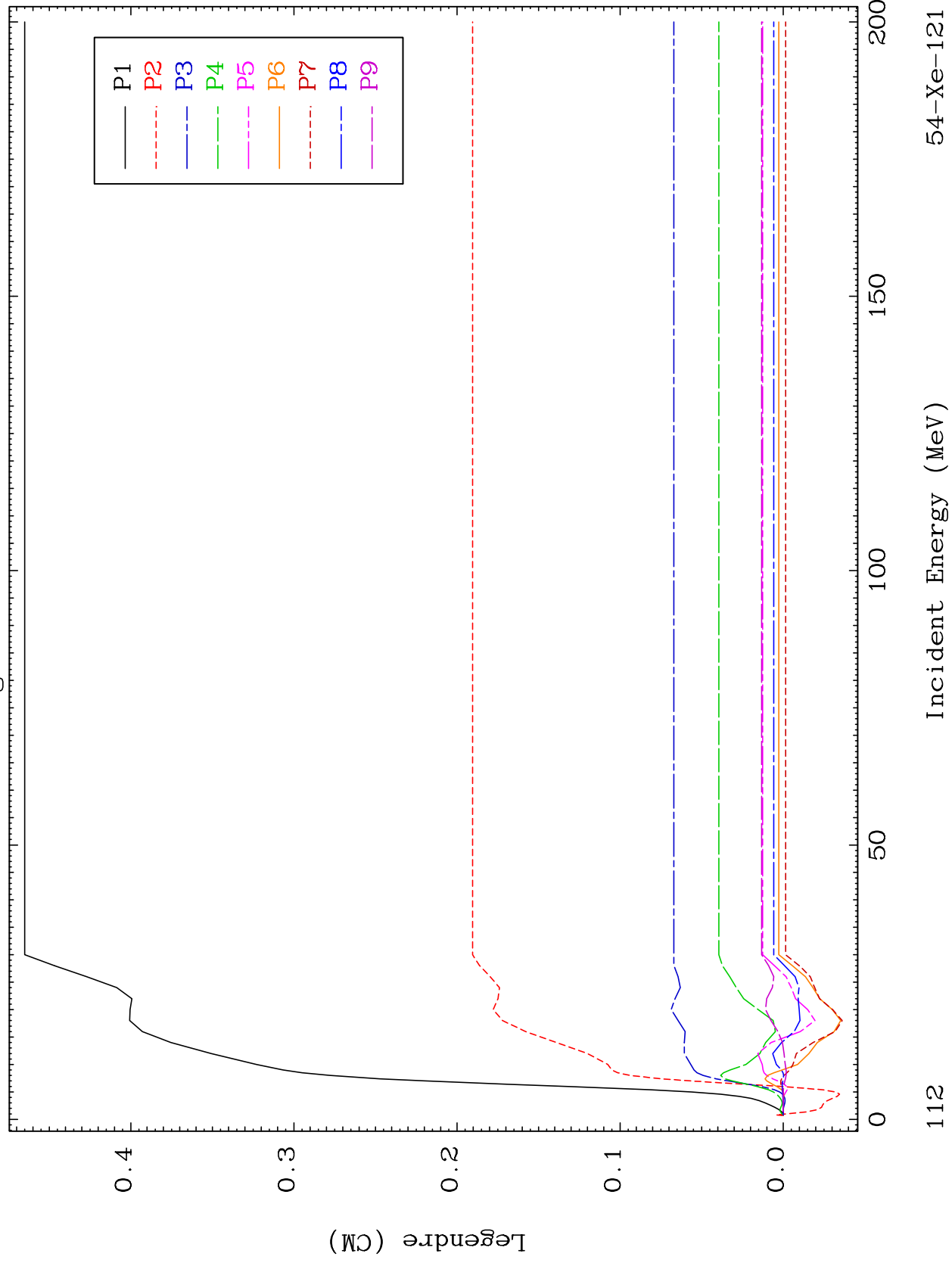


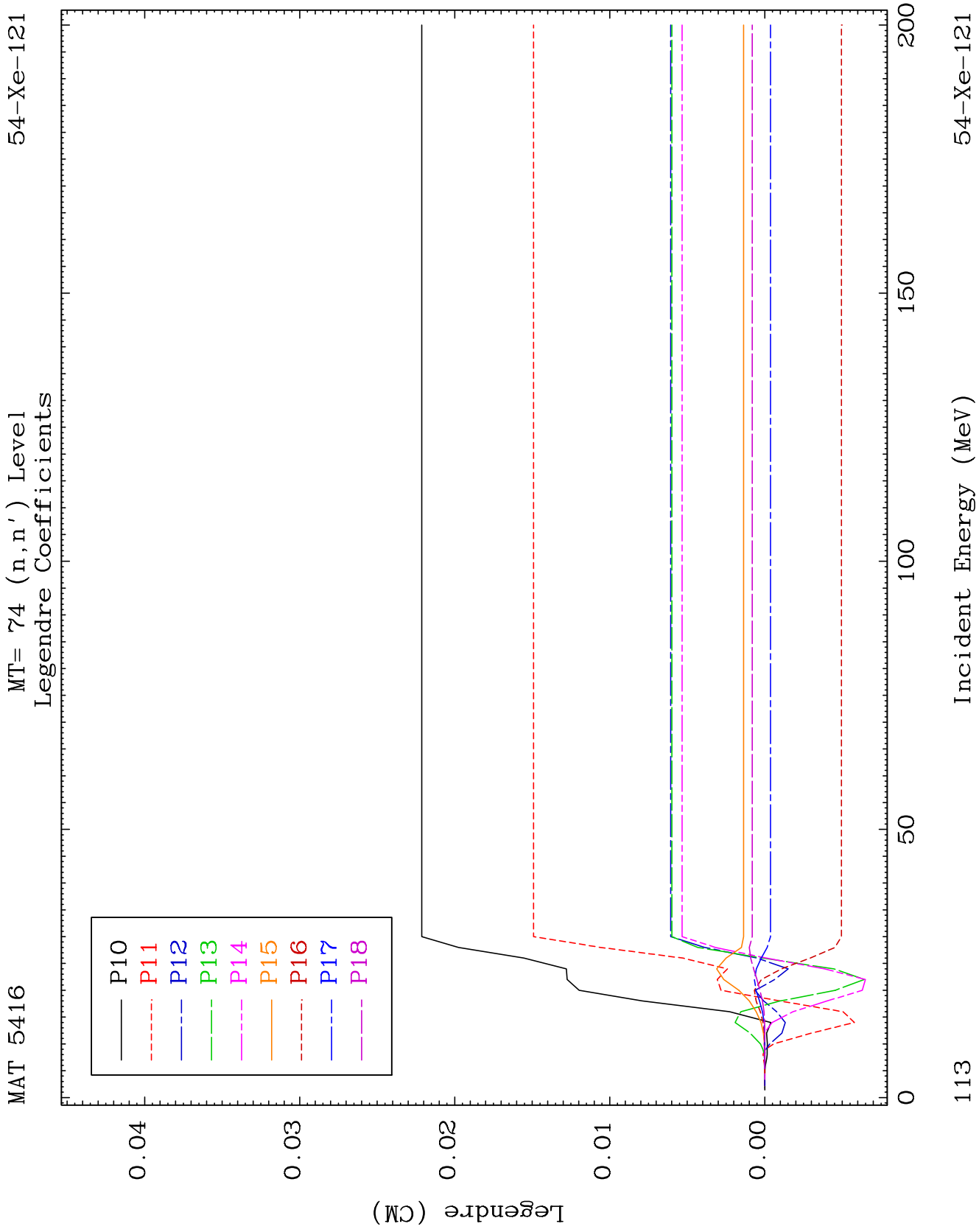


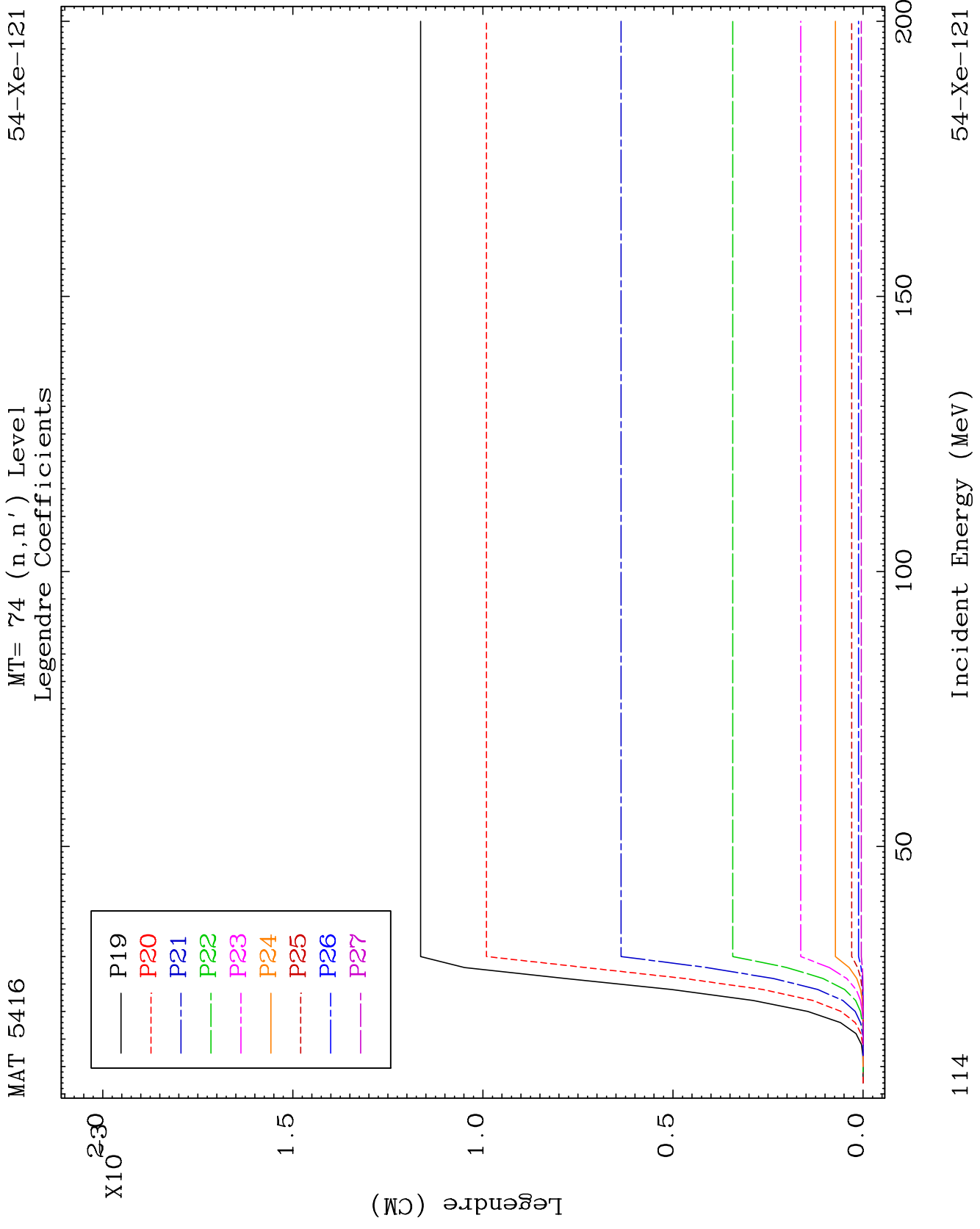
MAT 5416

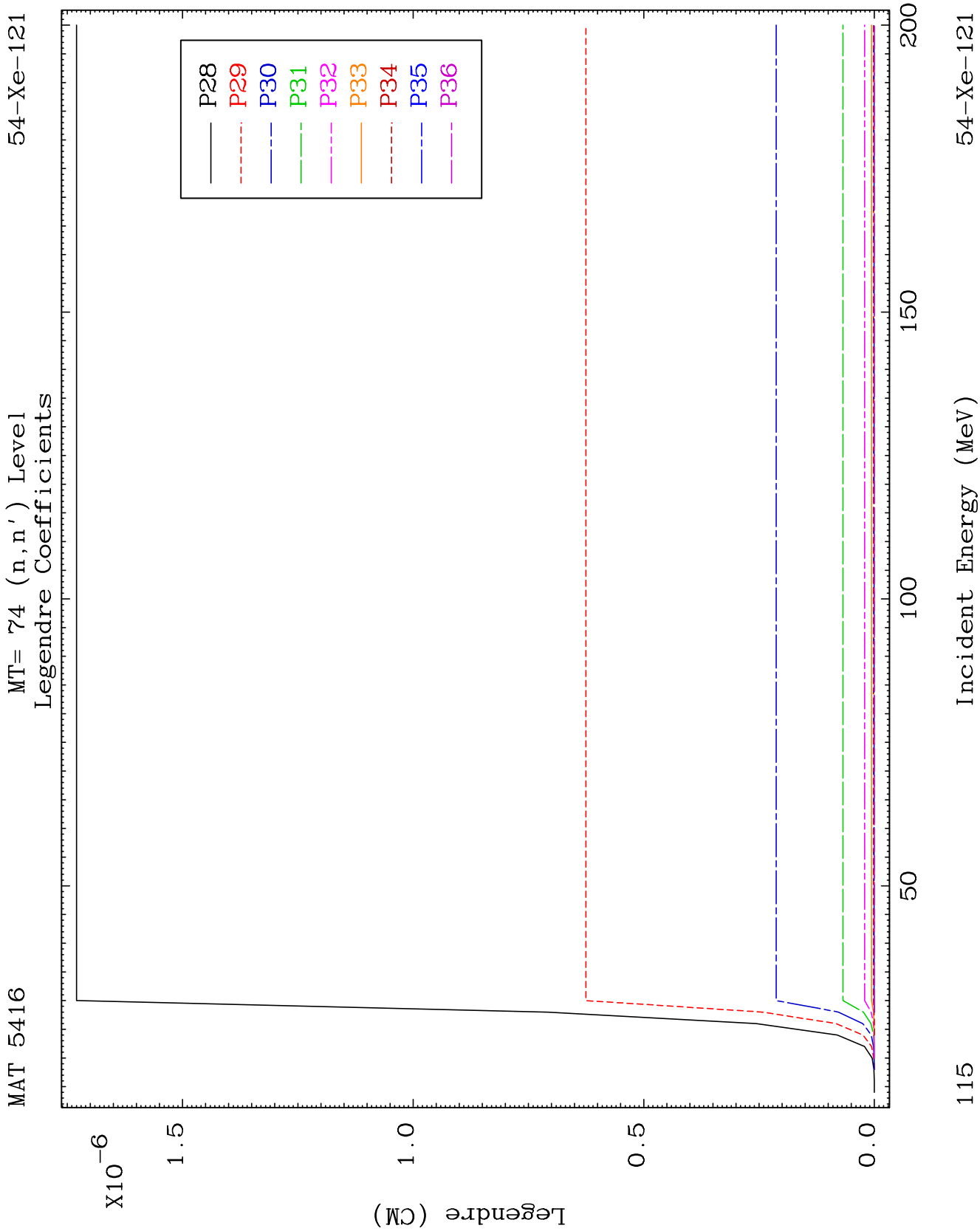
MT= 74 (n, n') Level
Legendre Coefficients

54-Xe-121





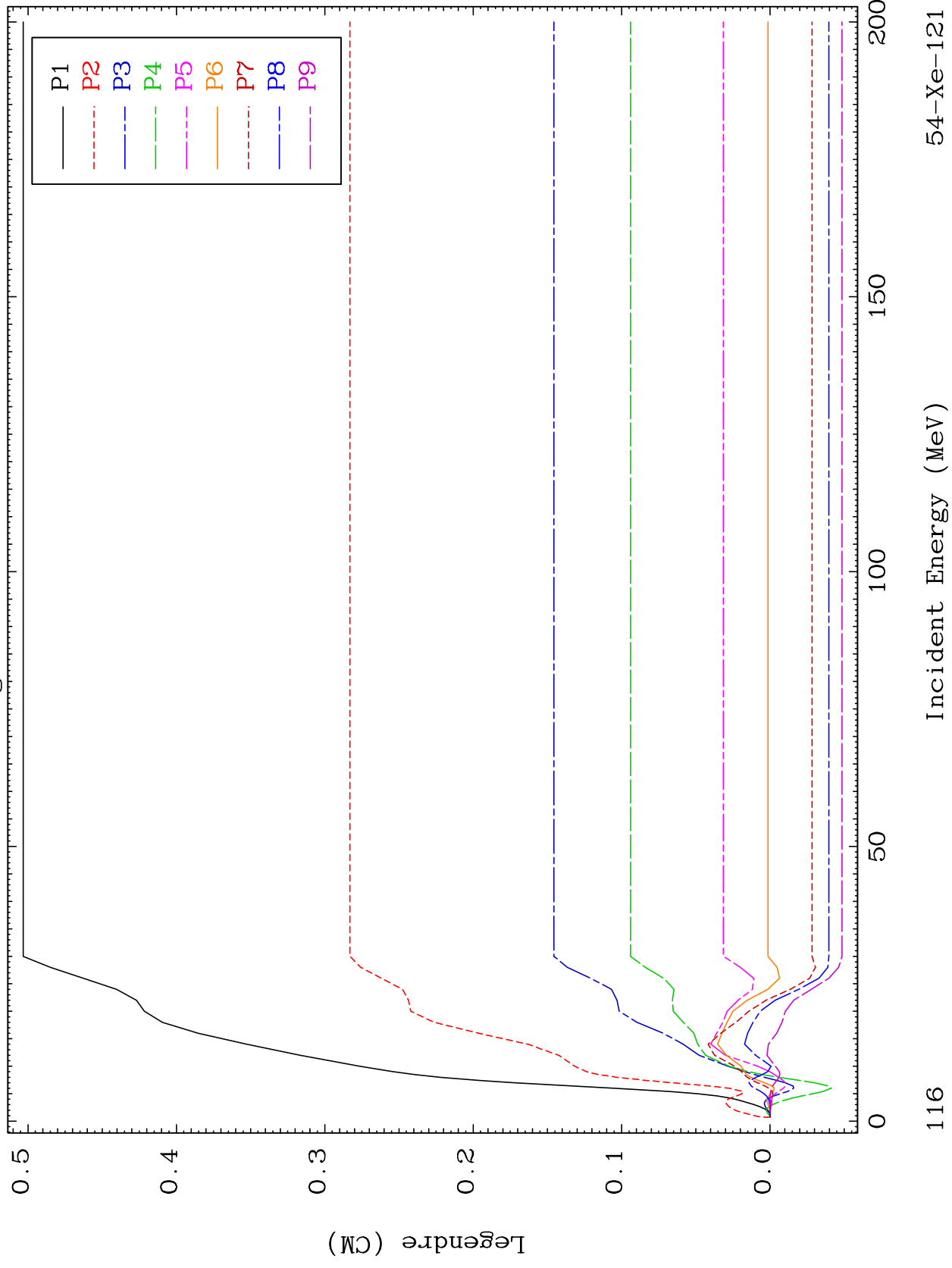


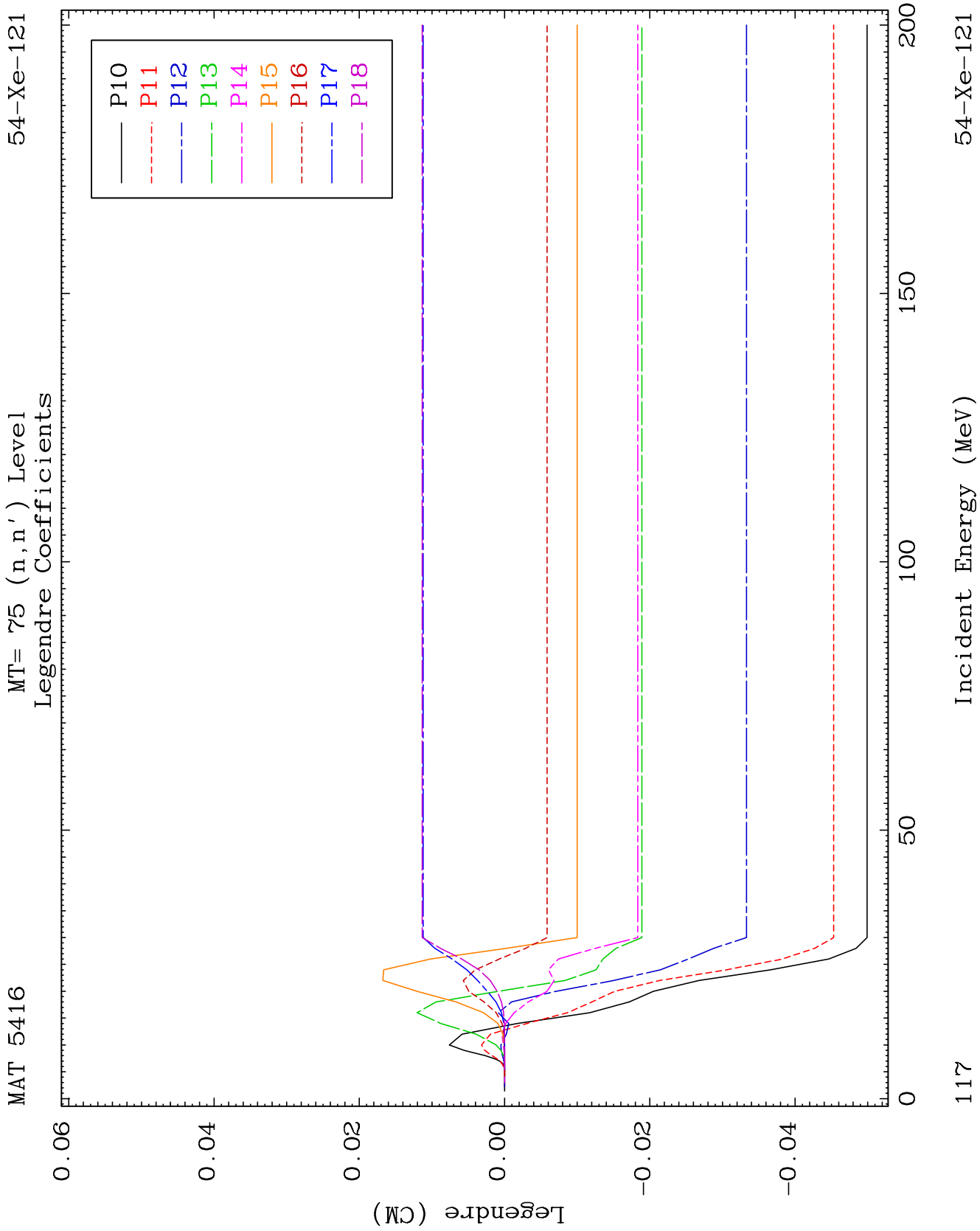


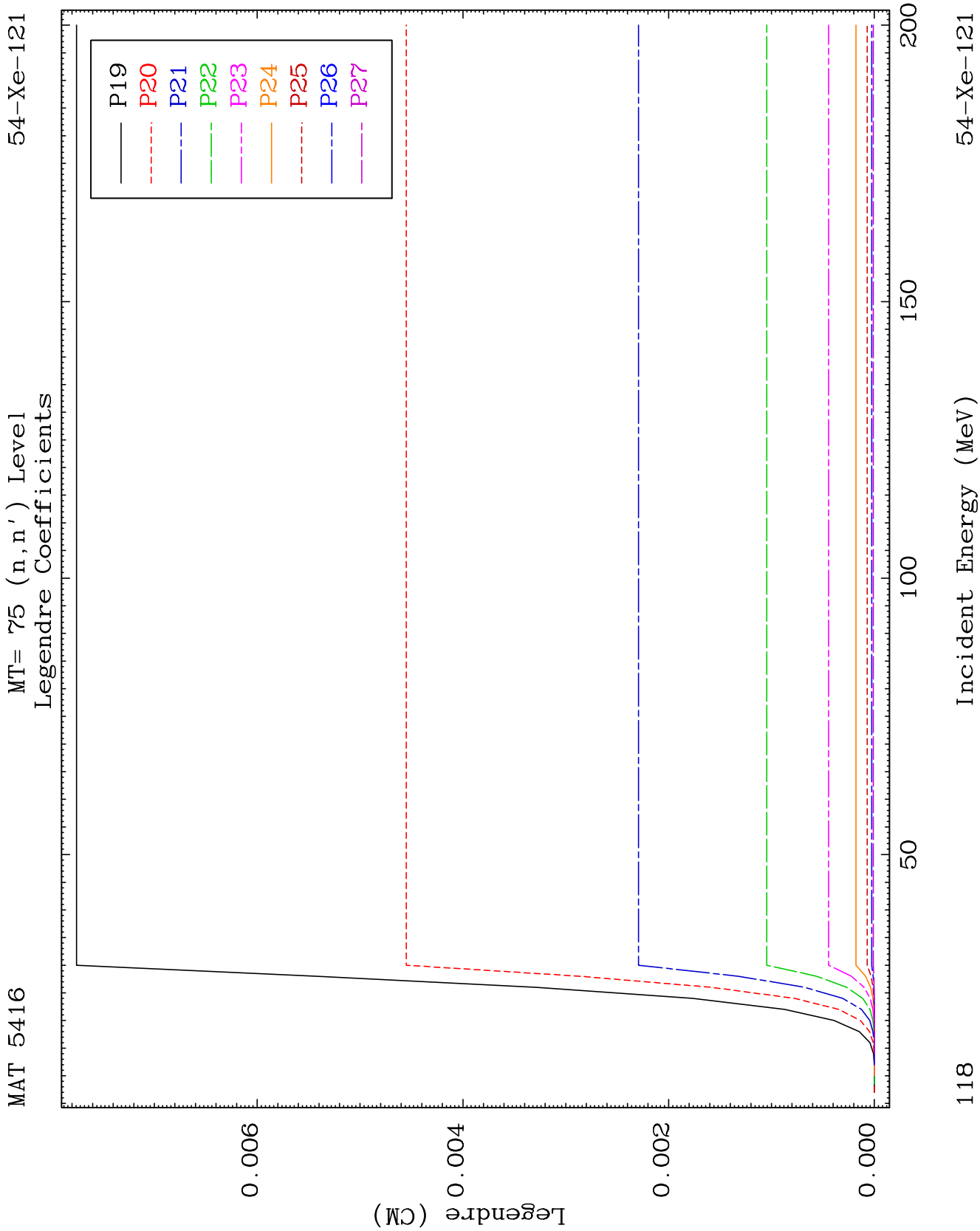
MAT 5416

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

54-Xe-121



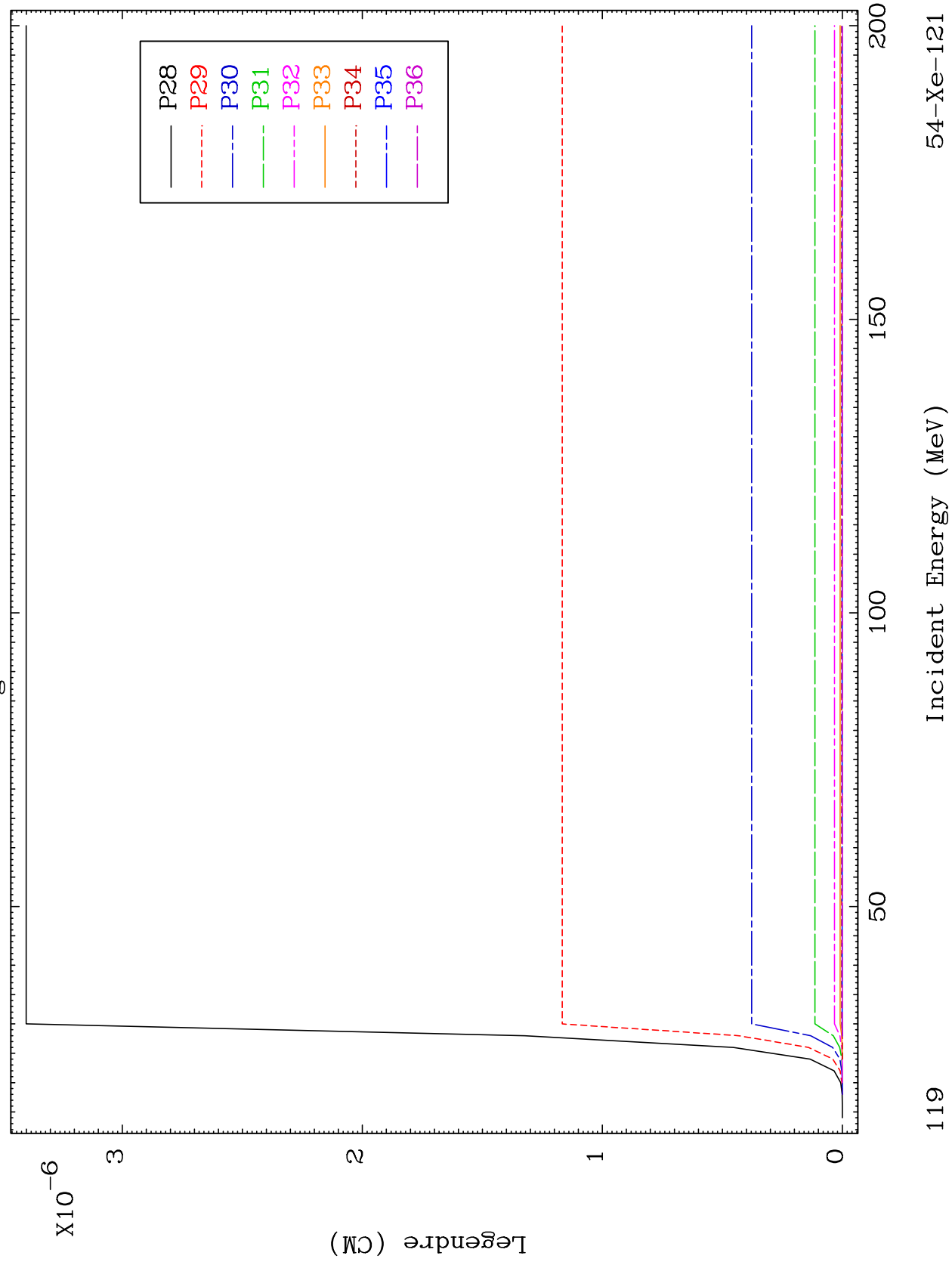




MAT 5416

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

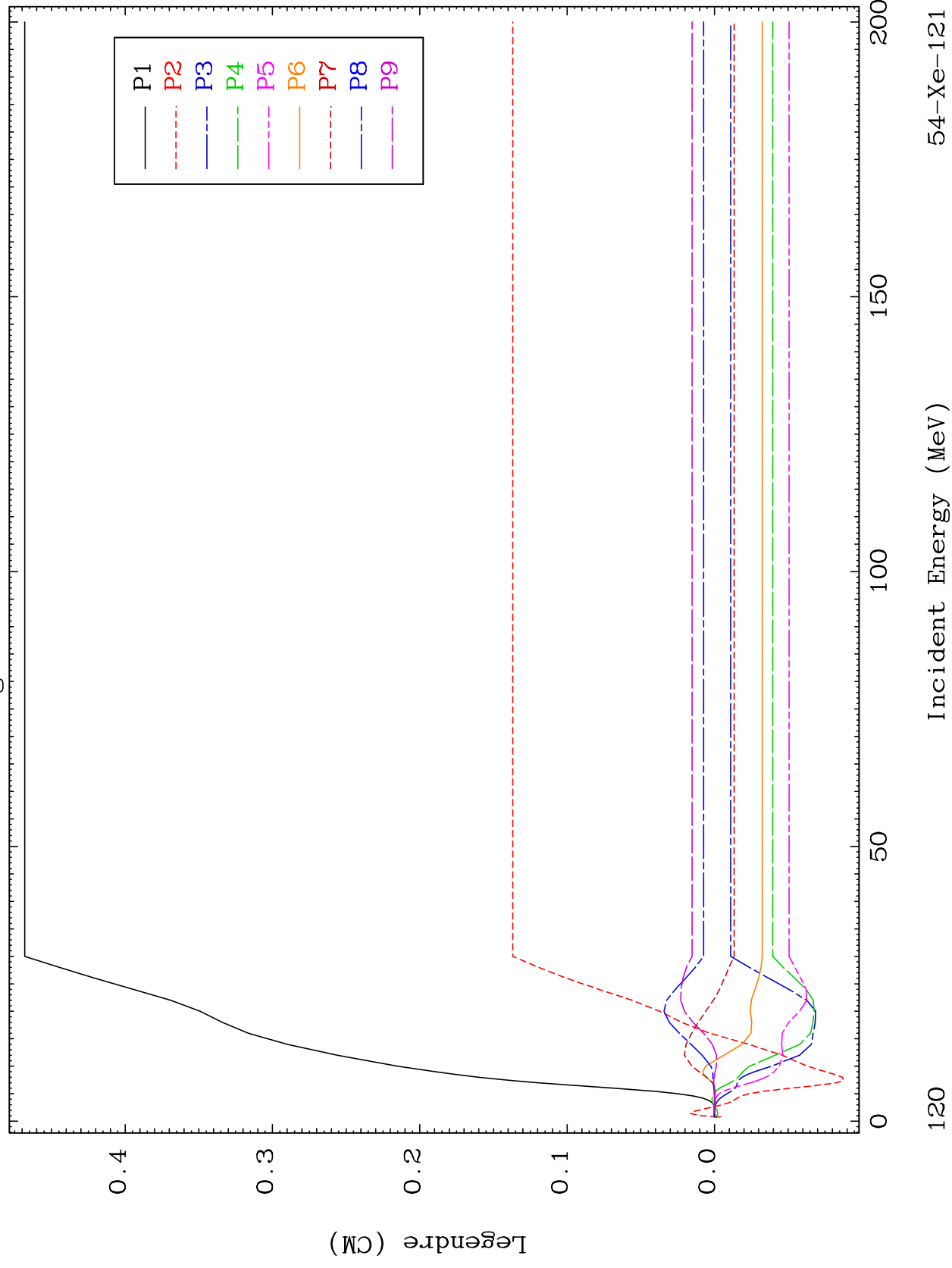
54-Xe-121



MAT 5416

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

54-Xe-121

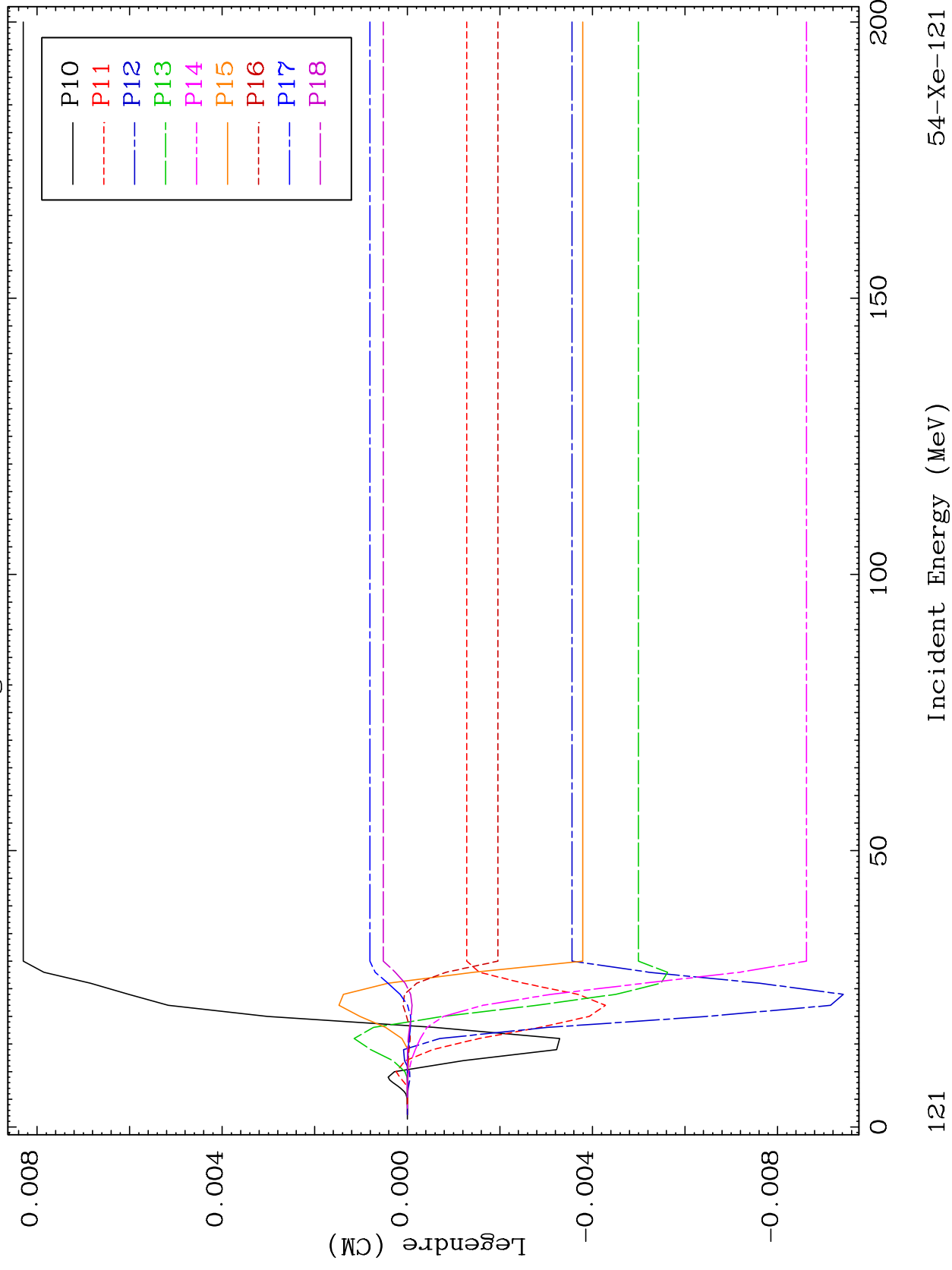


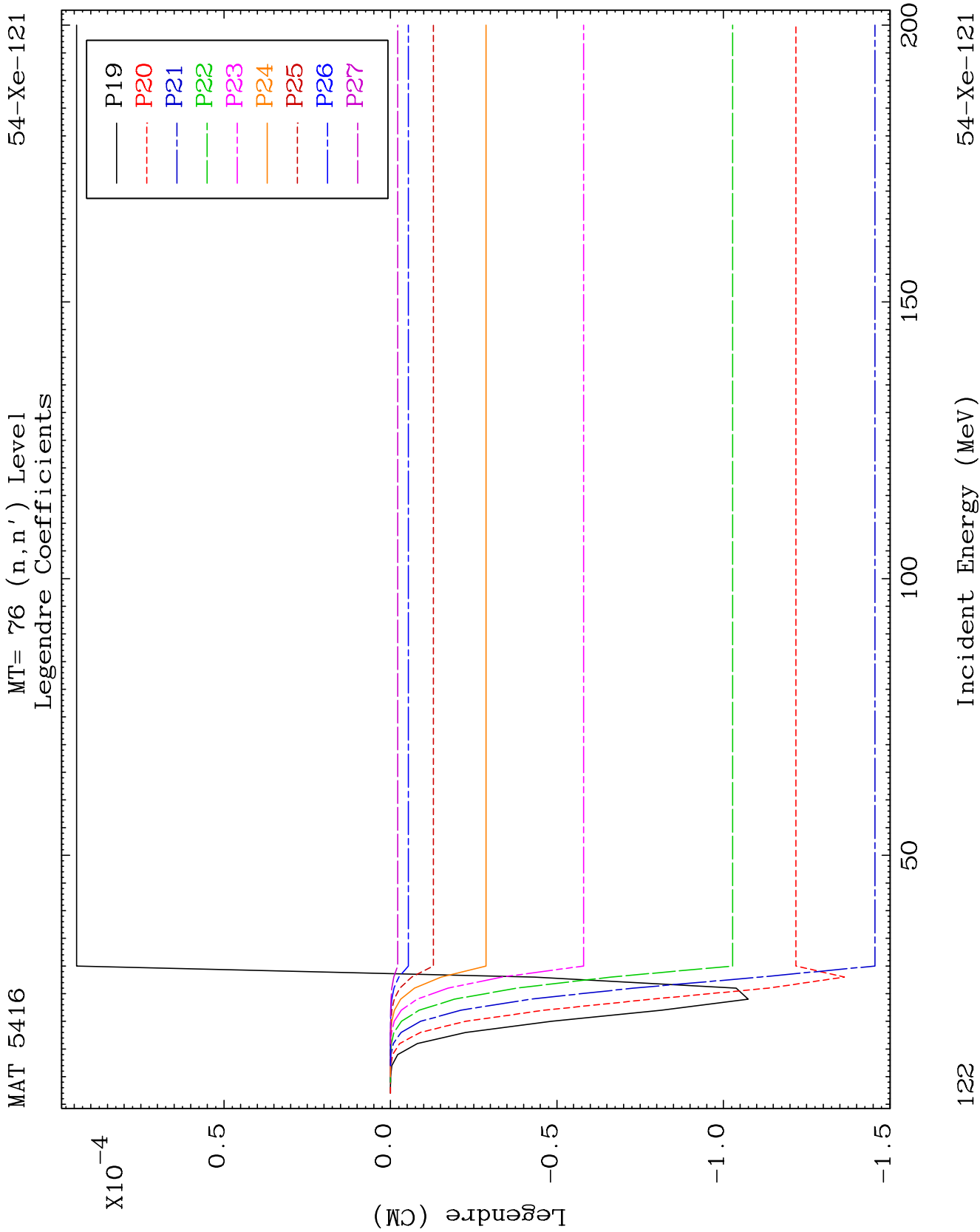
MAT 5416

MT=76 (n,n') Level

 $^{54}\text{Xe}-121$

Legendre Coefficients



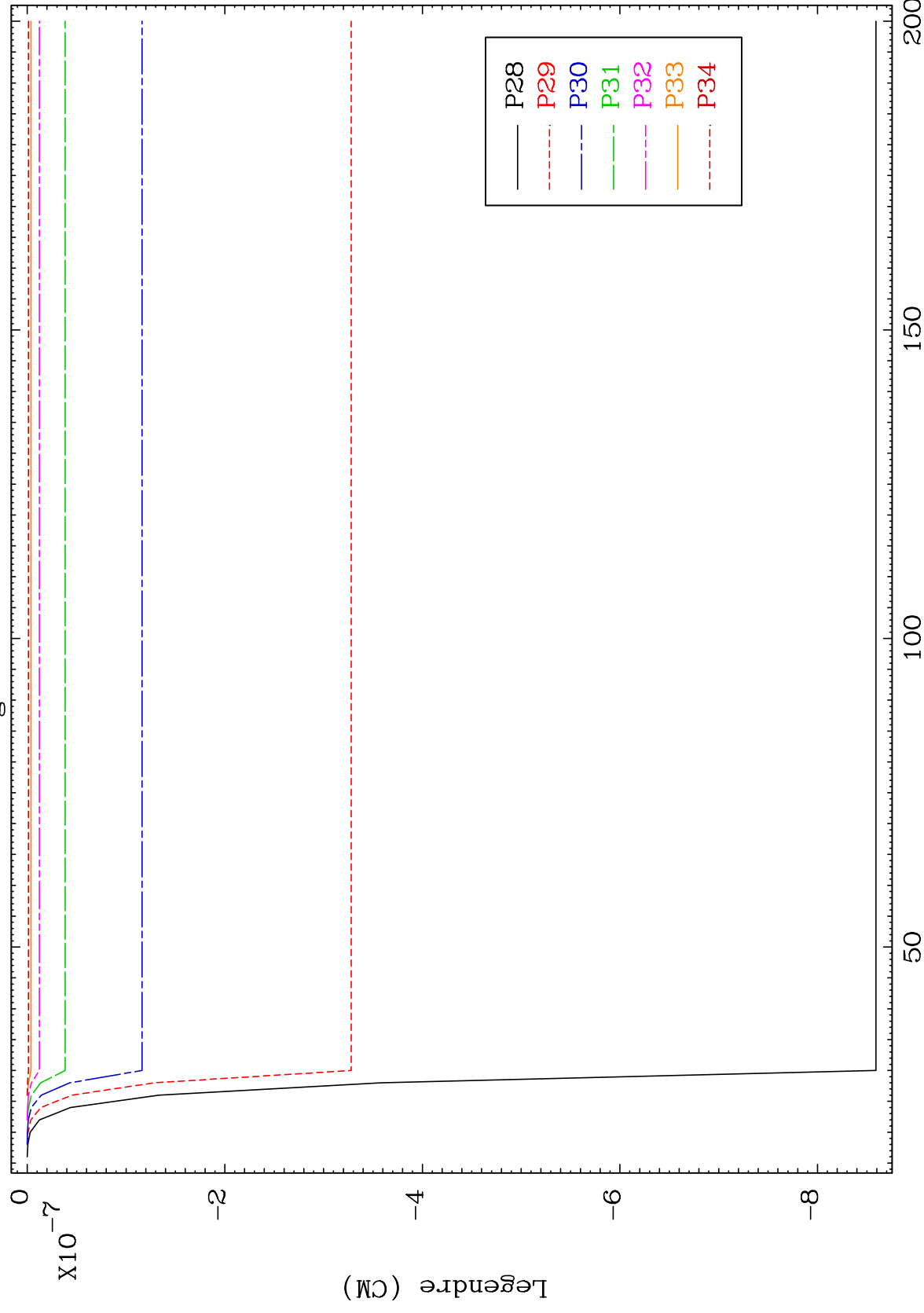


MAT 5416

MT=76 (n,n') Level

54-Xe-121

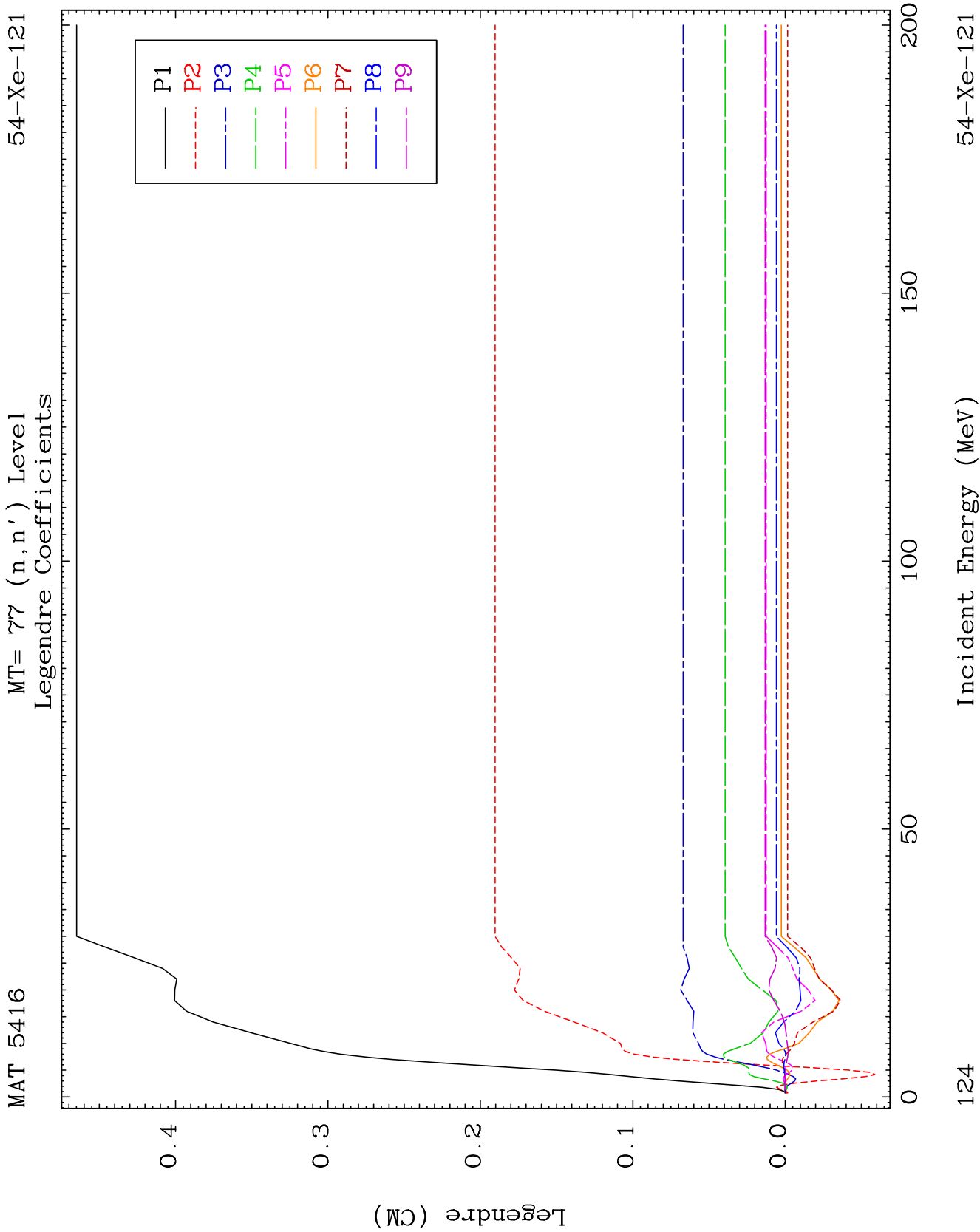
Legendre Coefficients



123

Incident Energy (MeV)

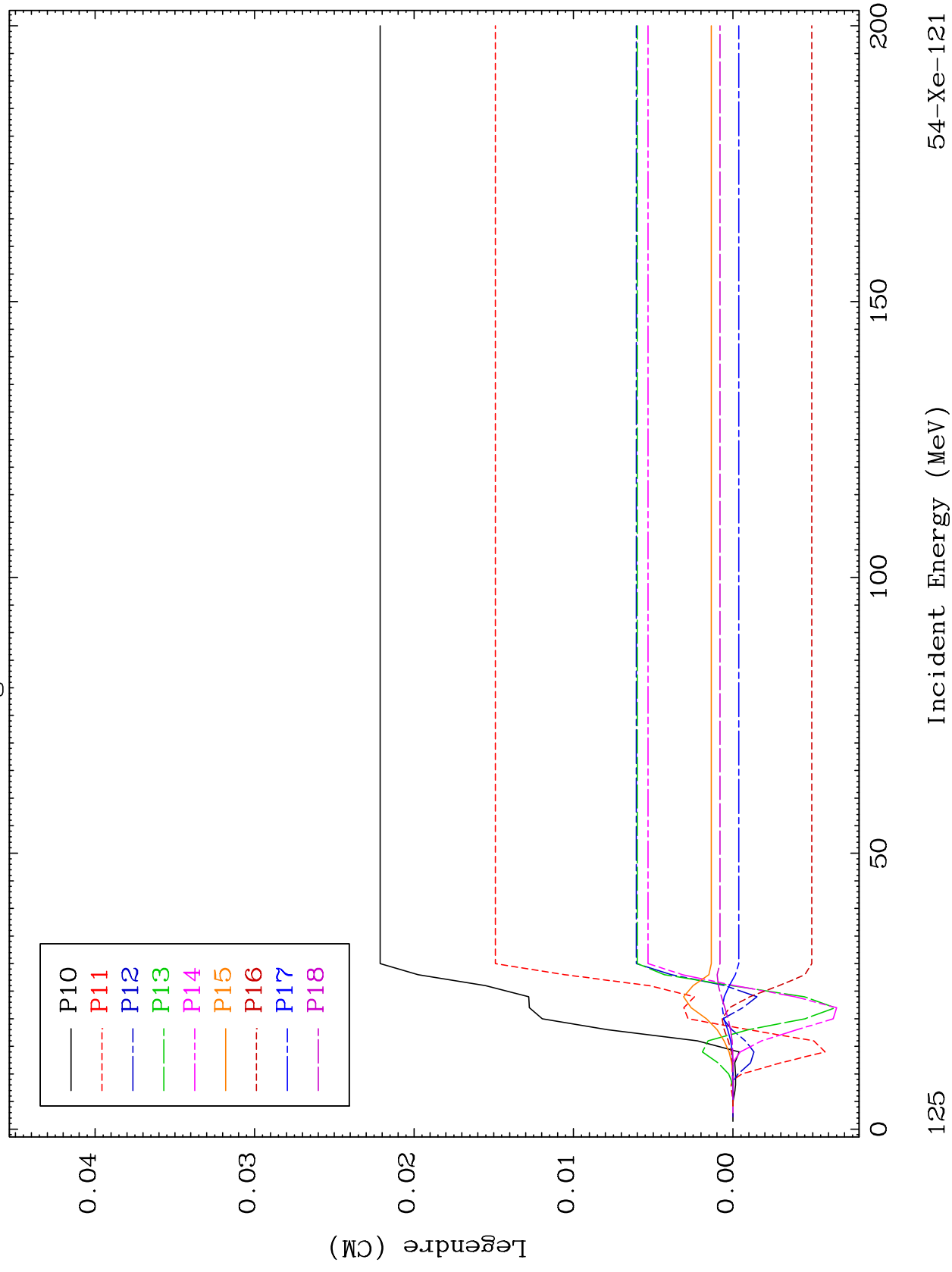
54-Xe-121



MAT 5416

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

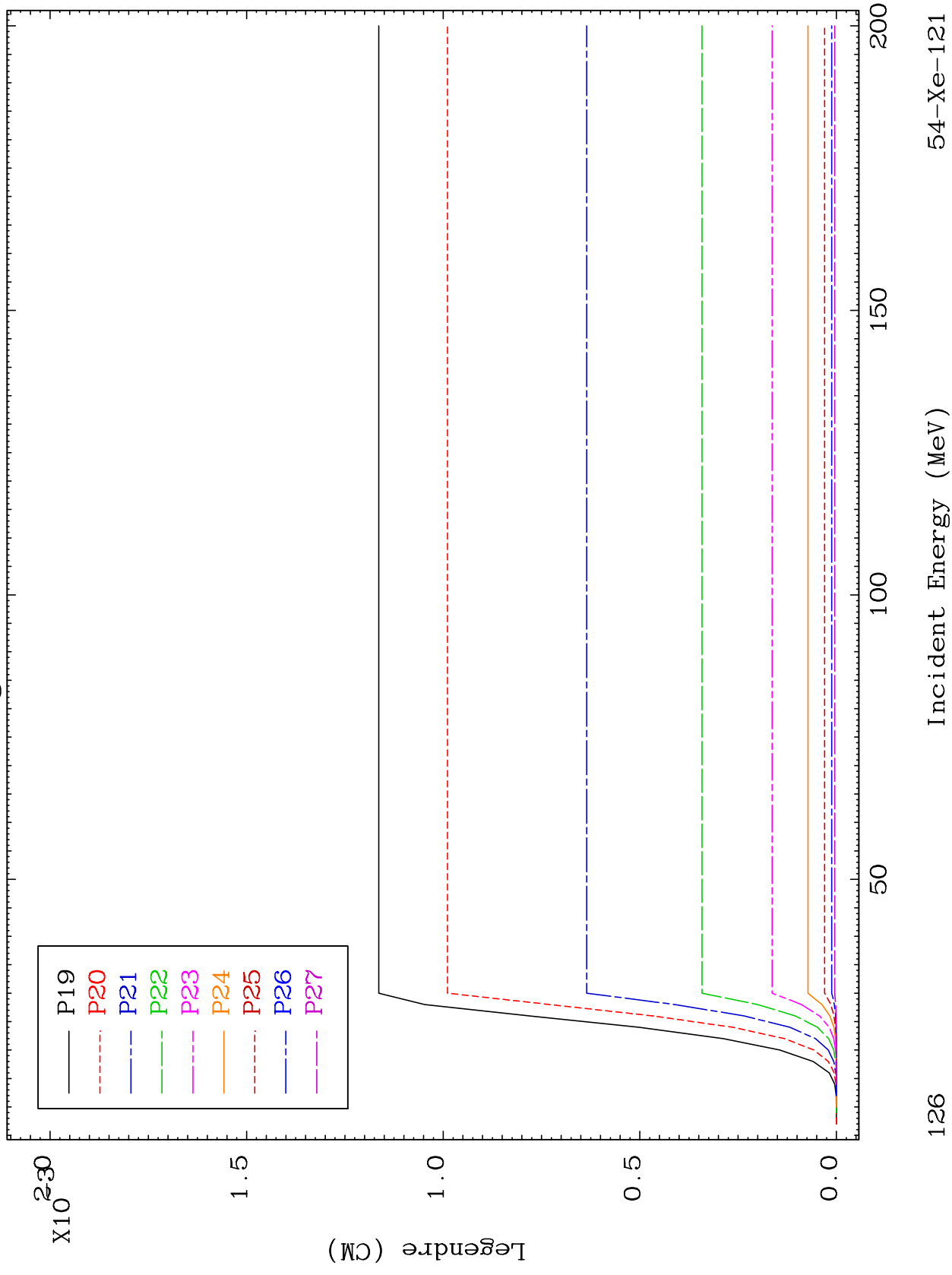
54-Xe-121

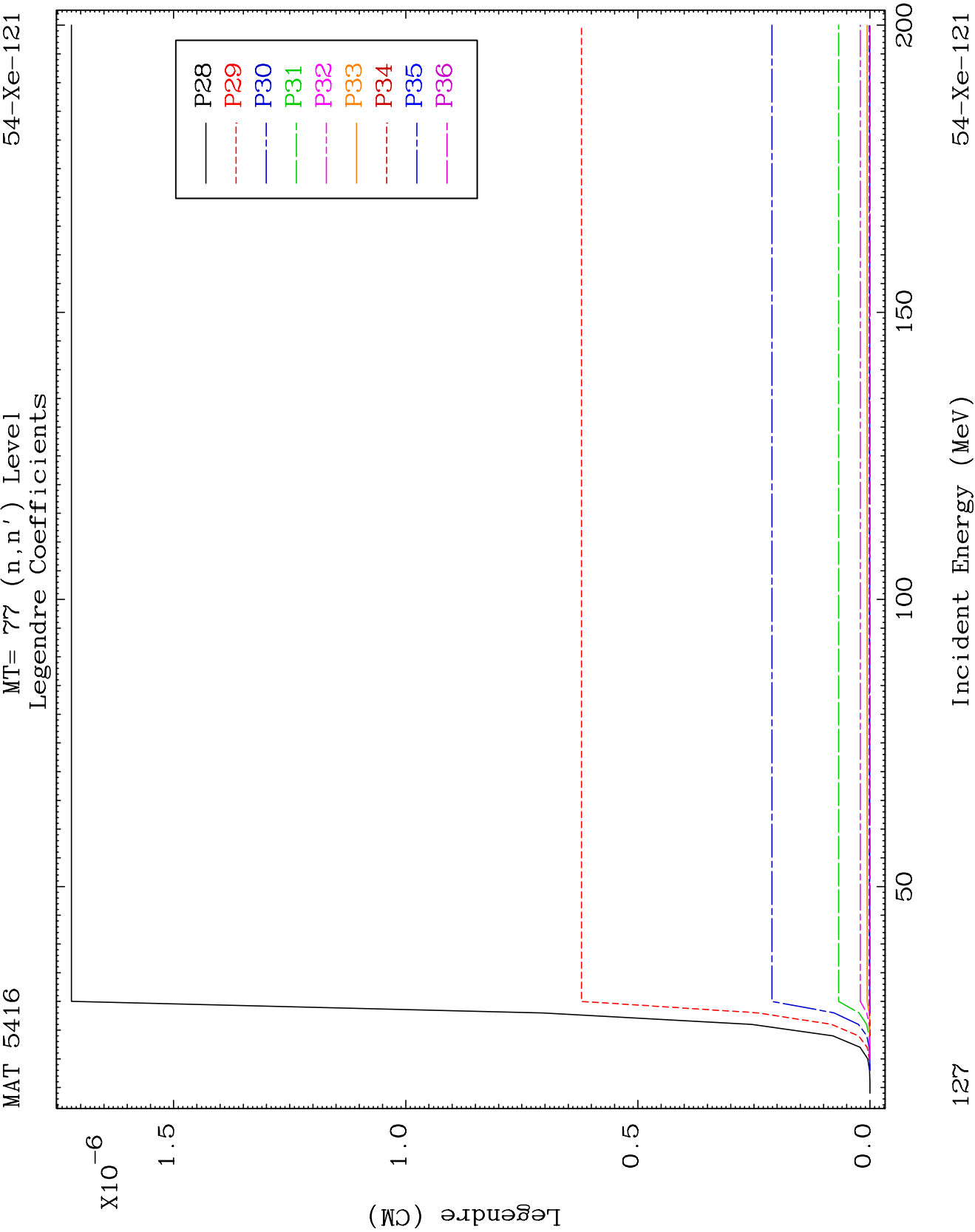


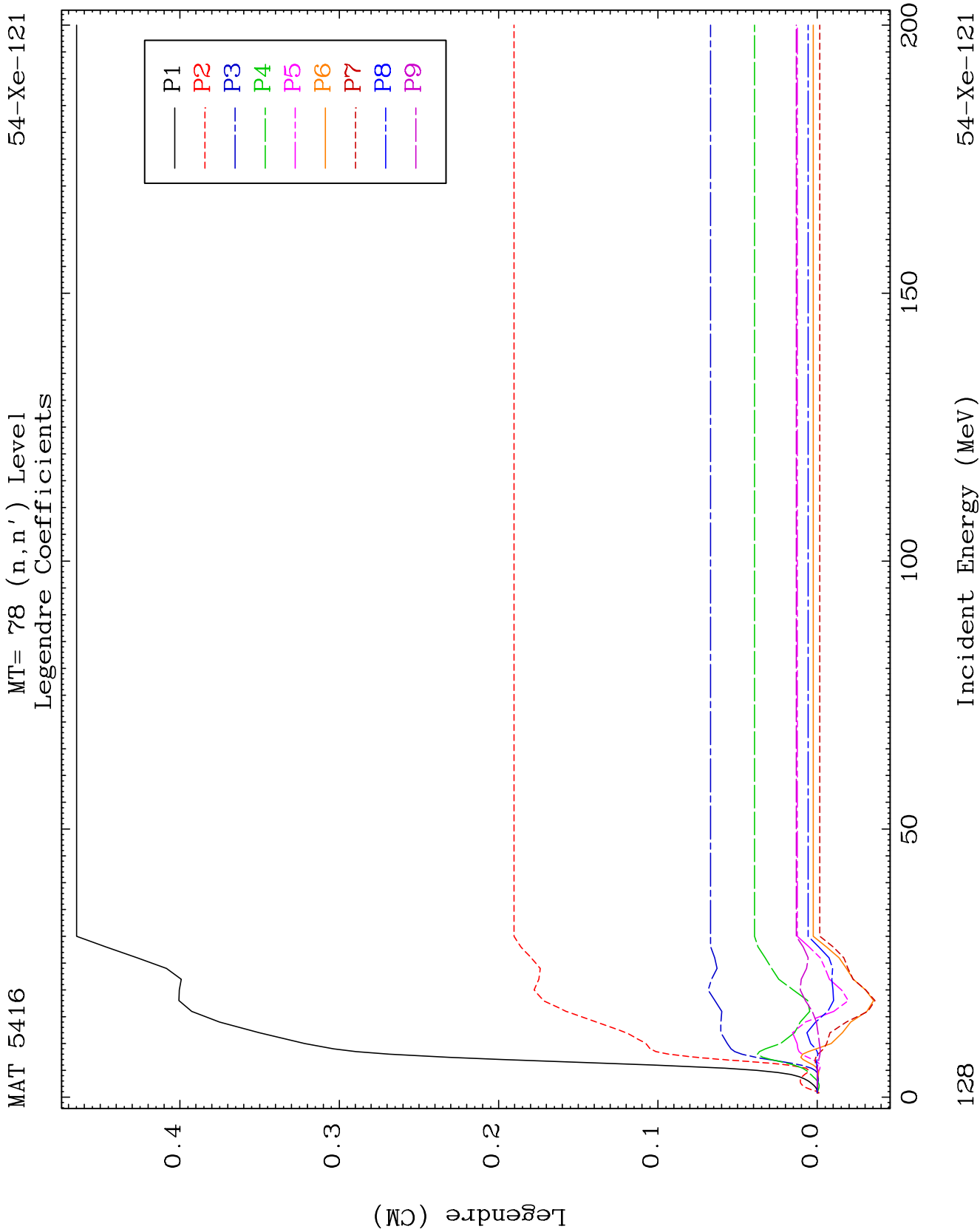
MAT 5416

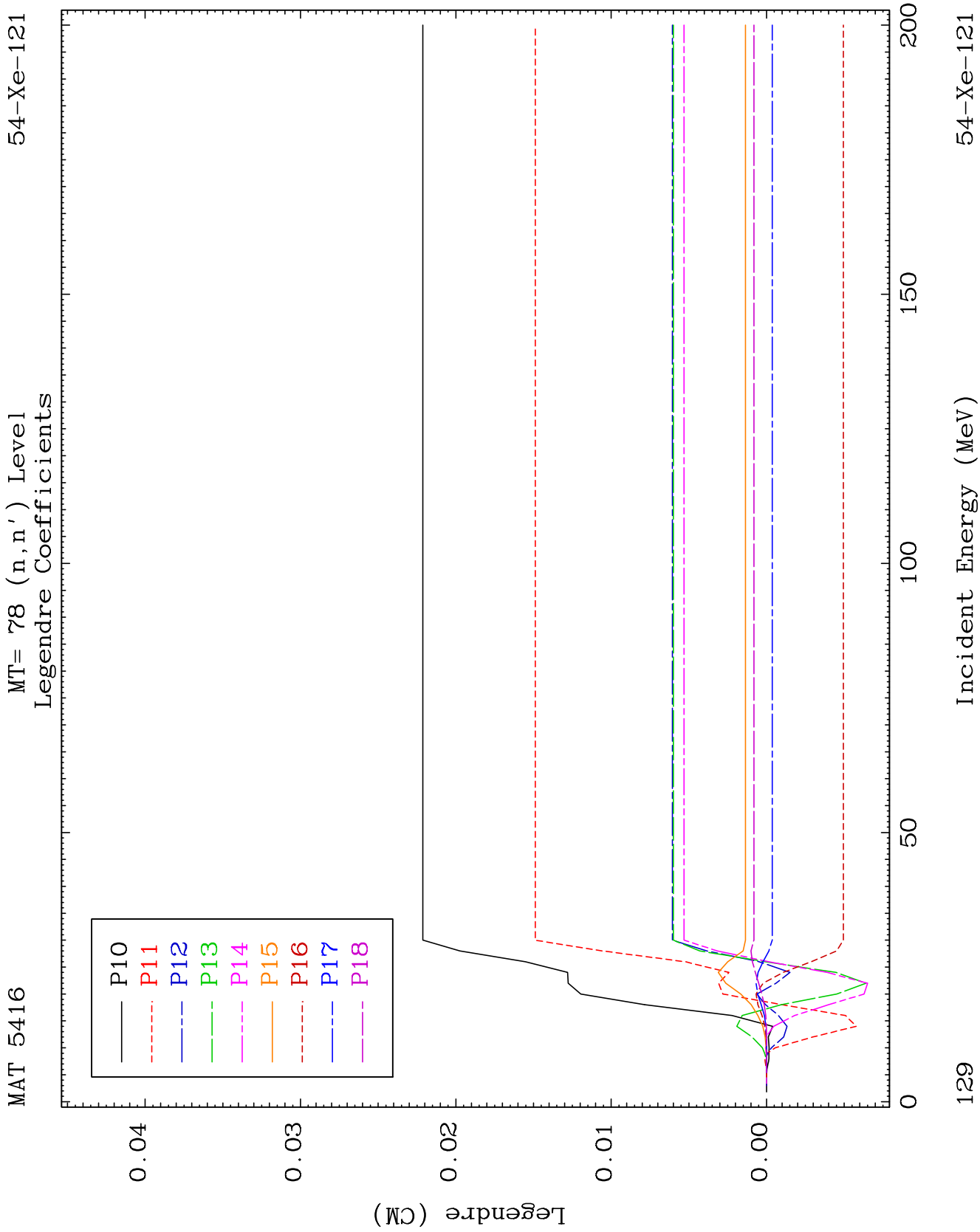
MT= 77 (n, n') Level
Legendre Coefficients

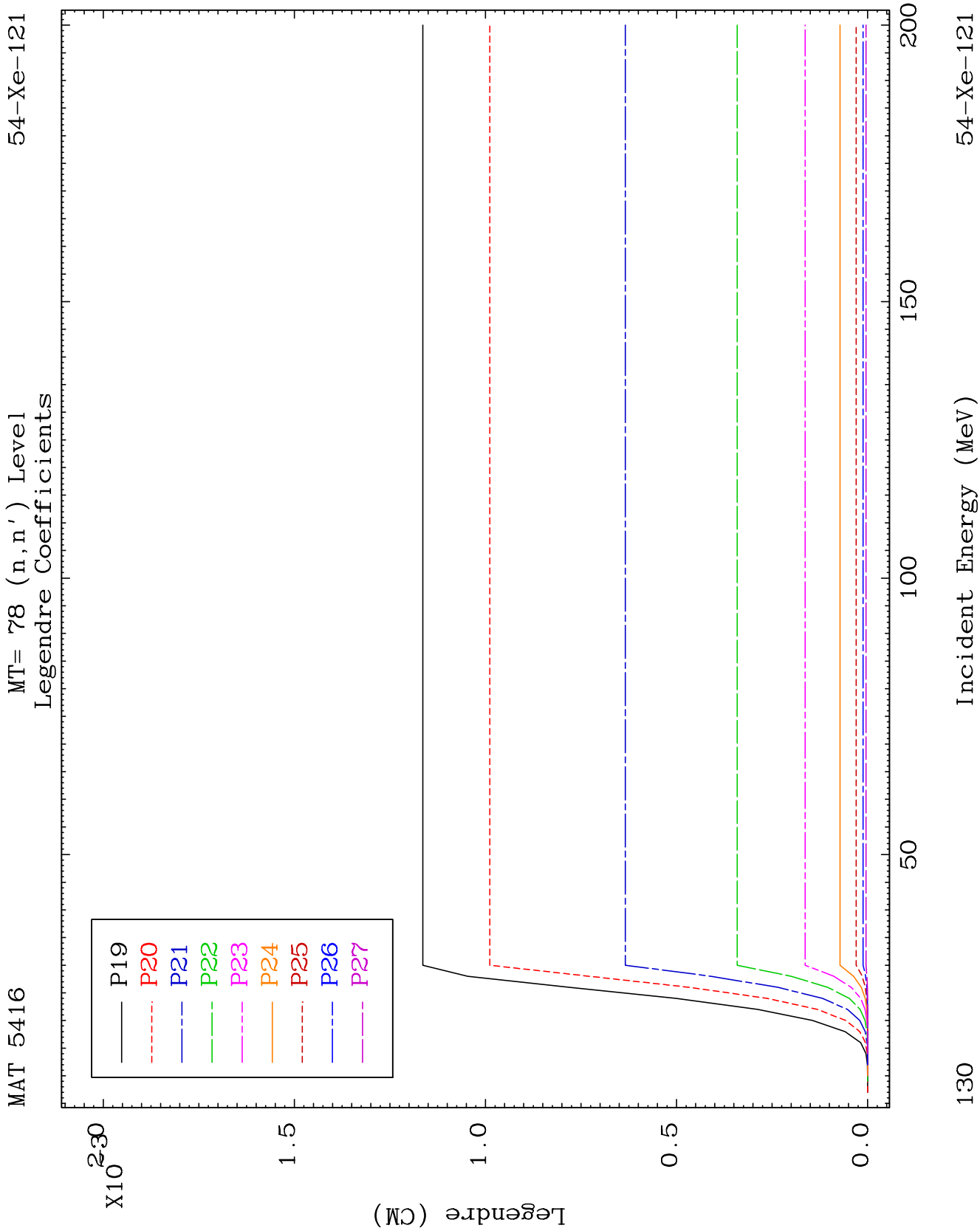
54-Xe-121

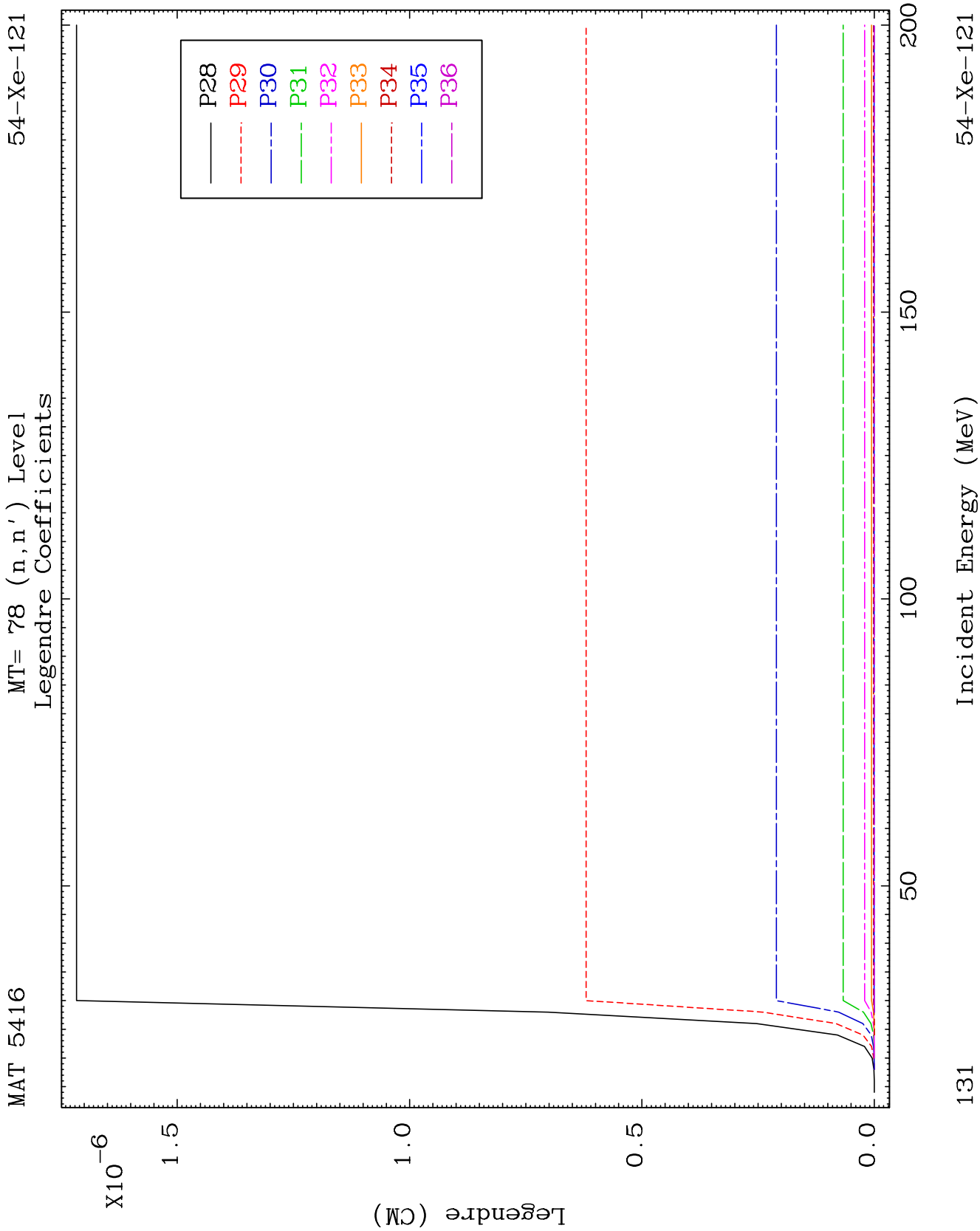


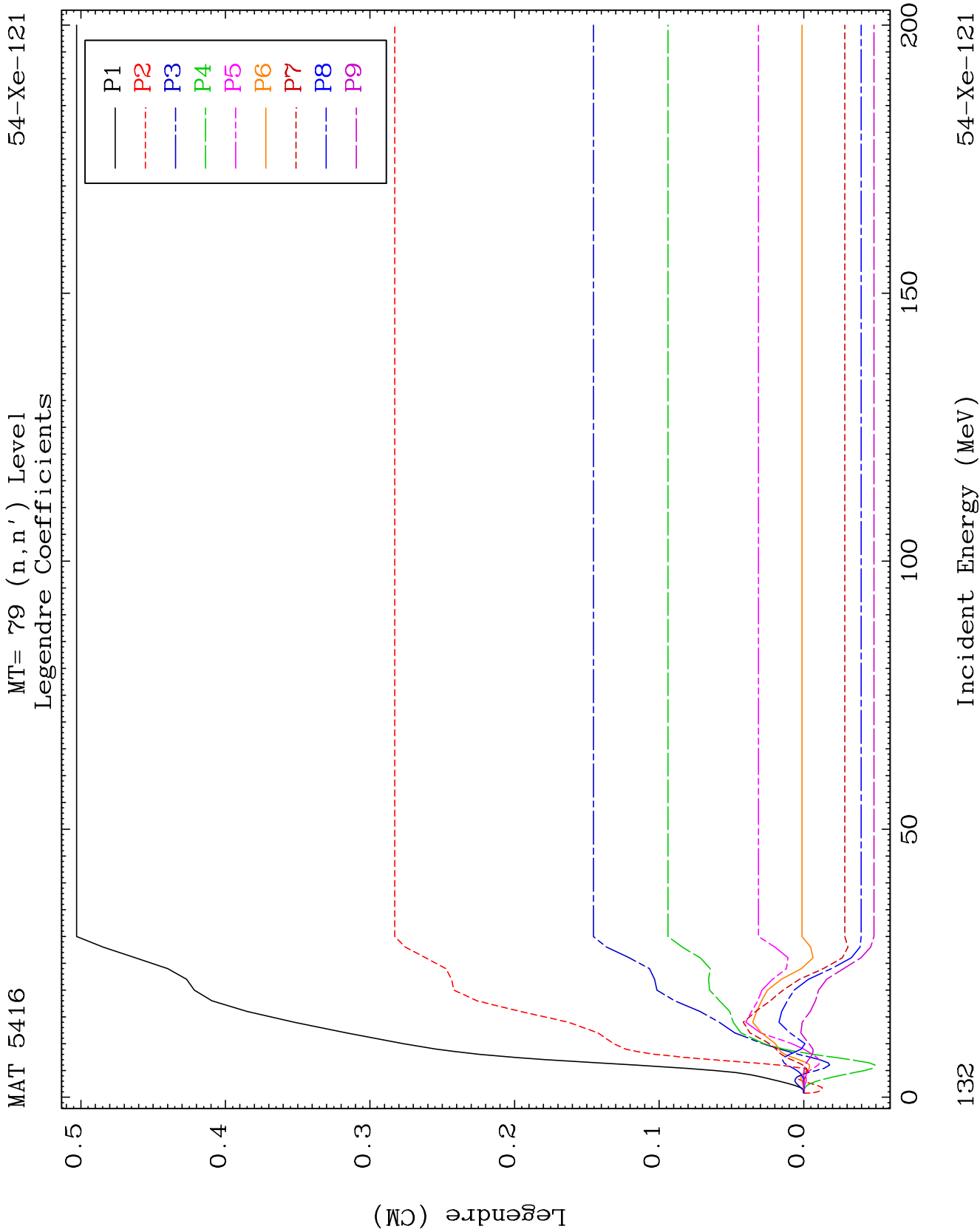


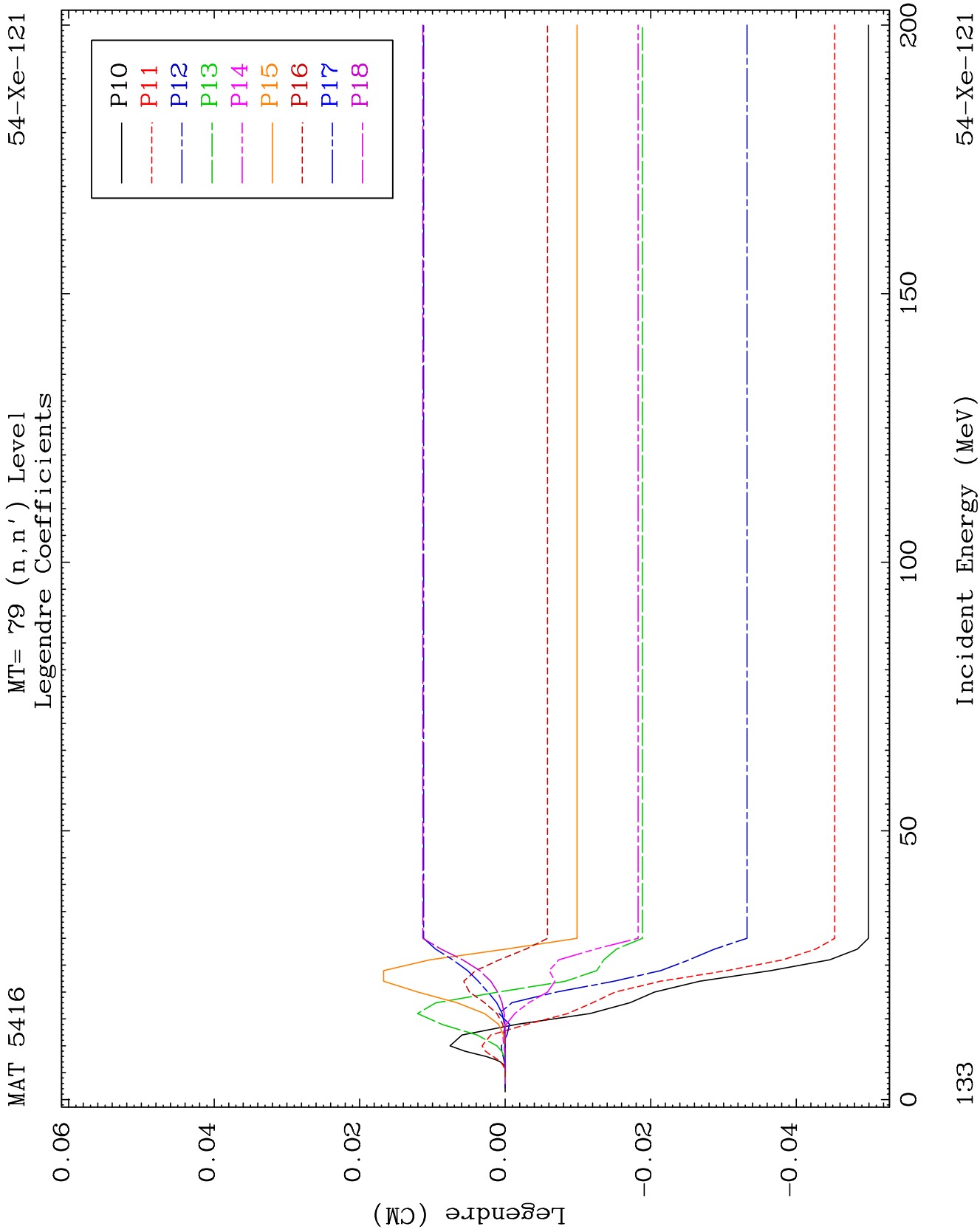








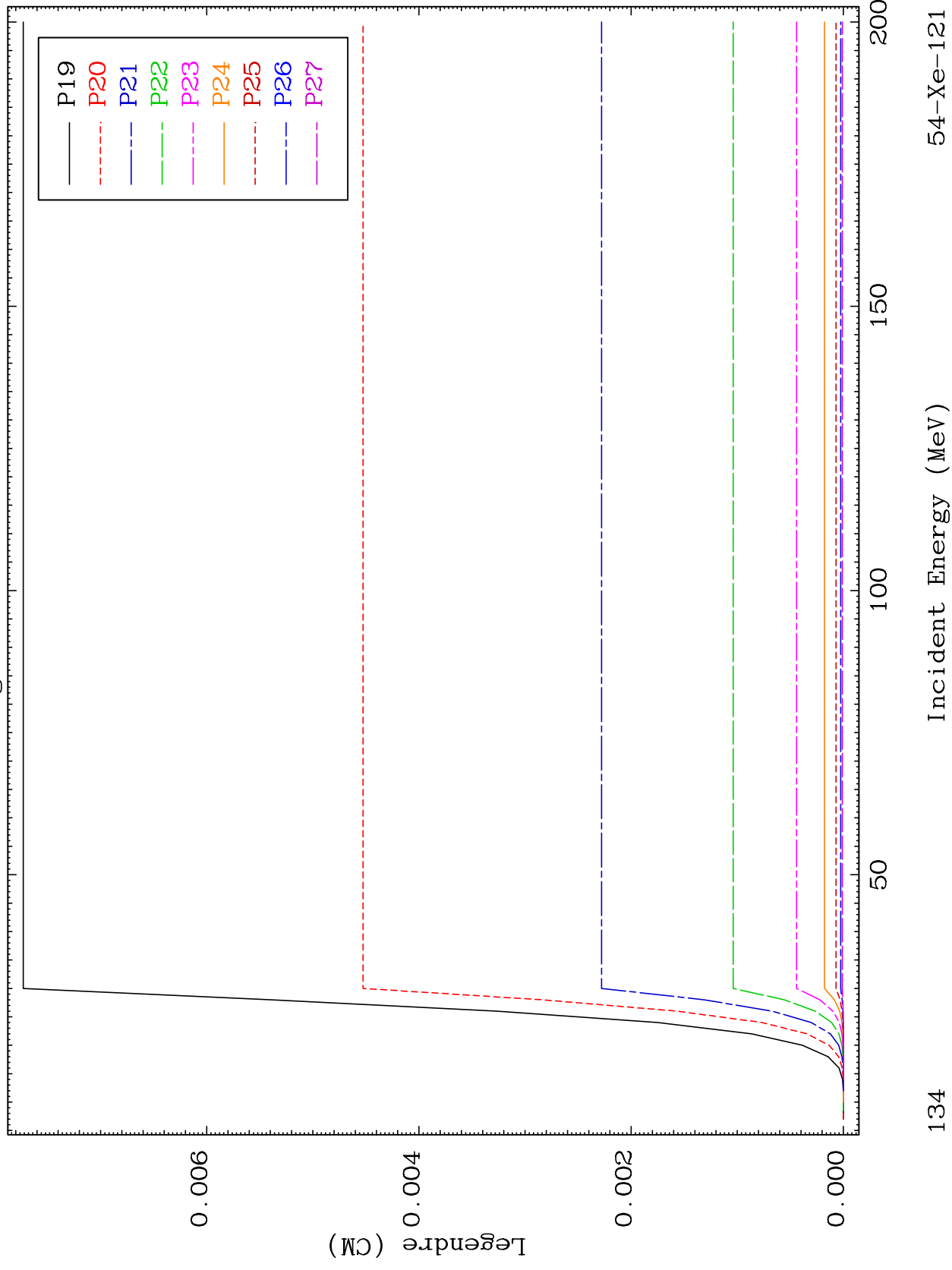


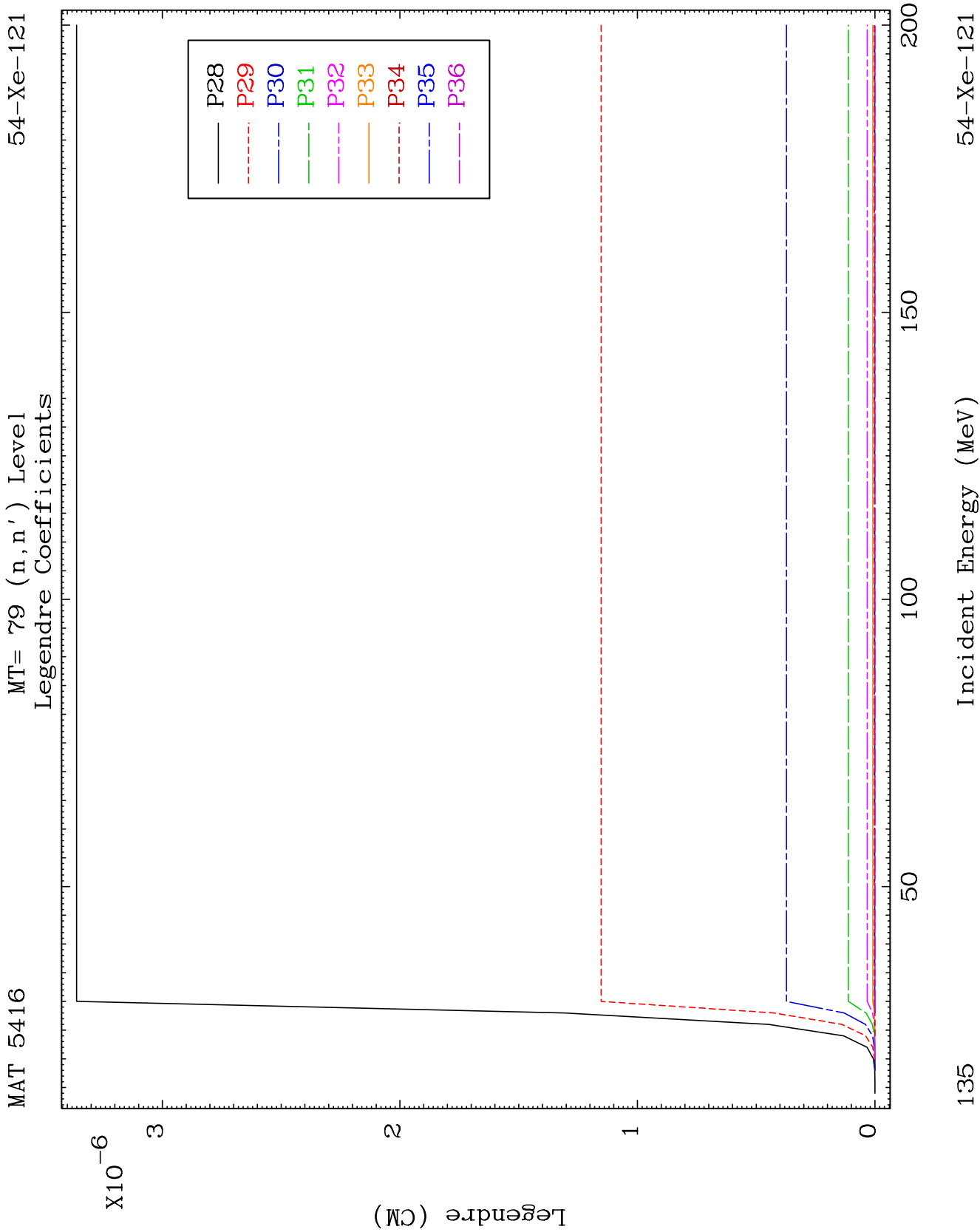


MAT 5416

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

54-Xe-121

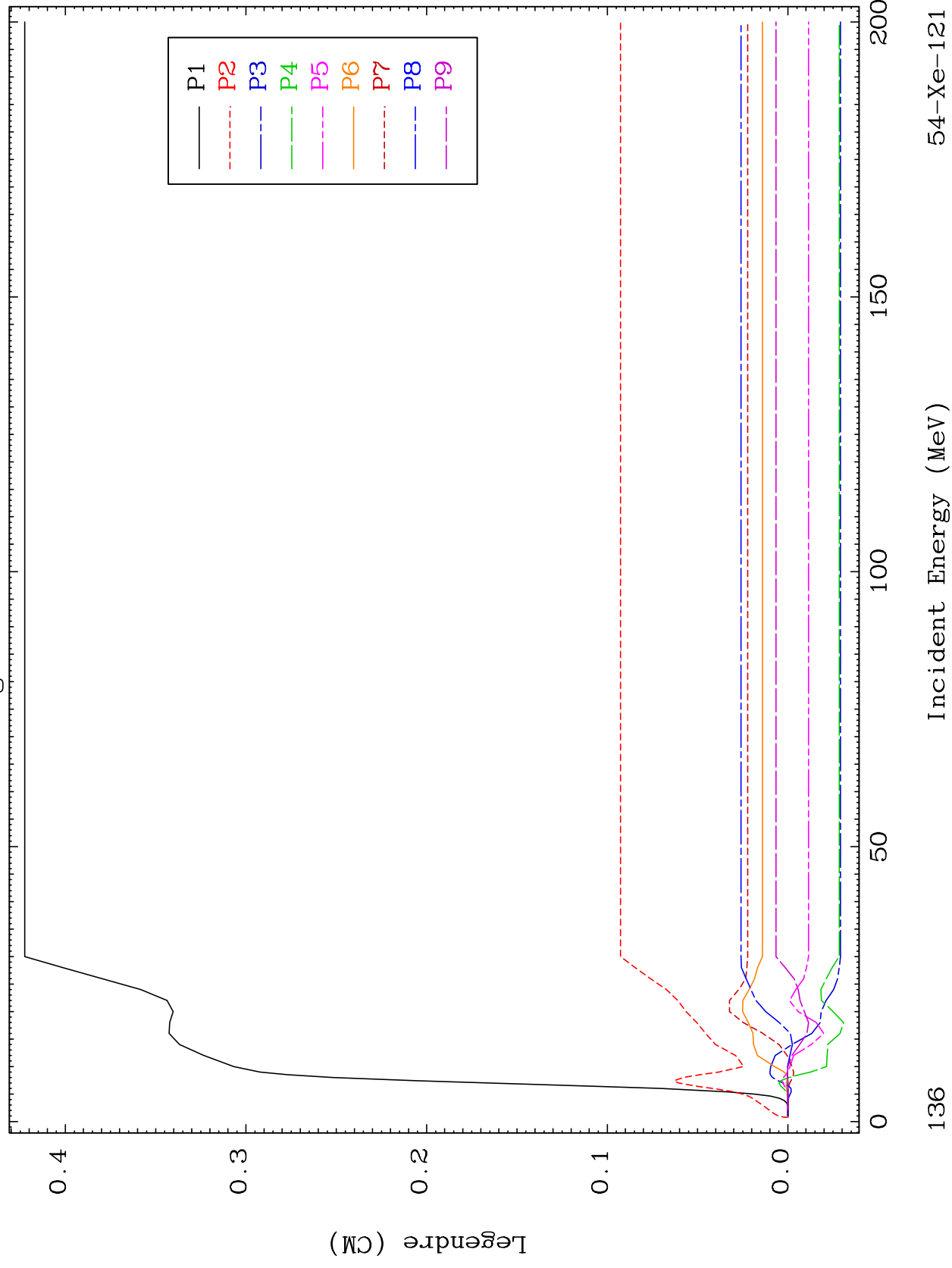


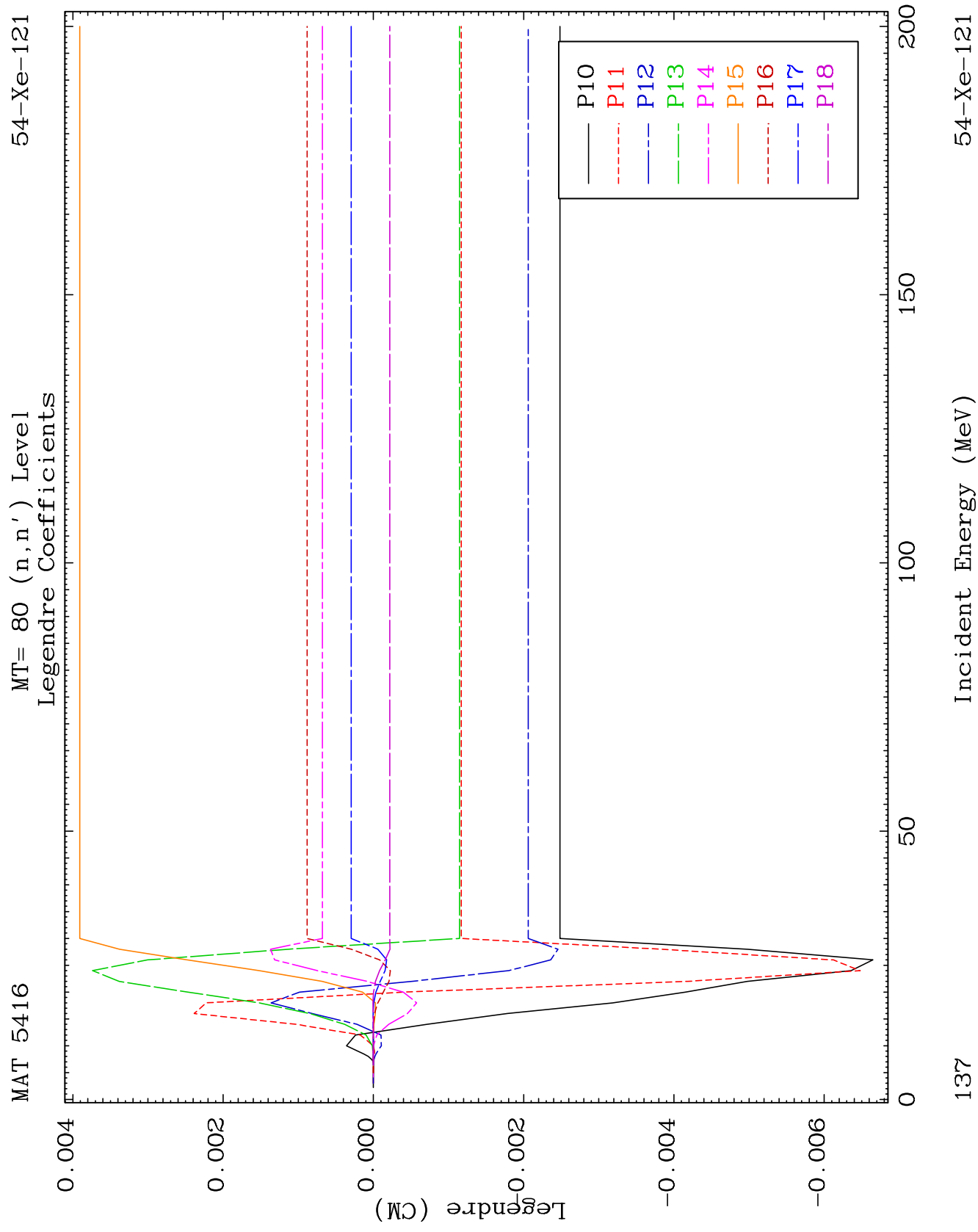


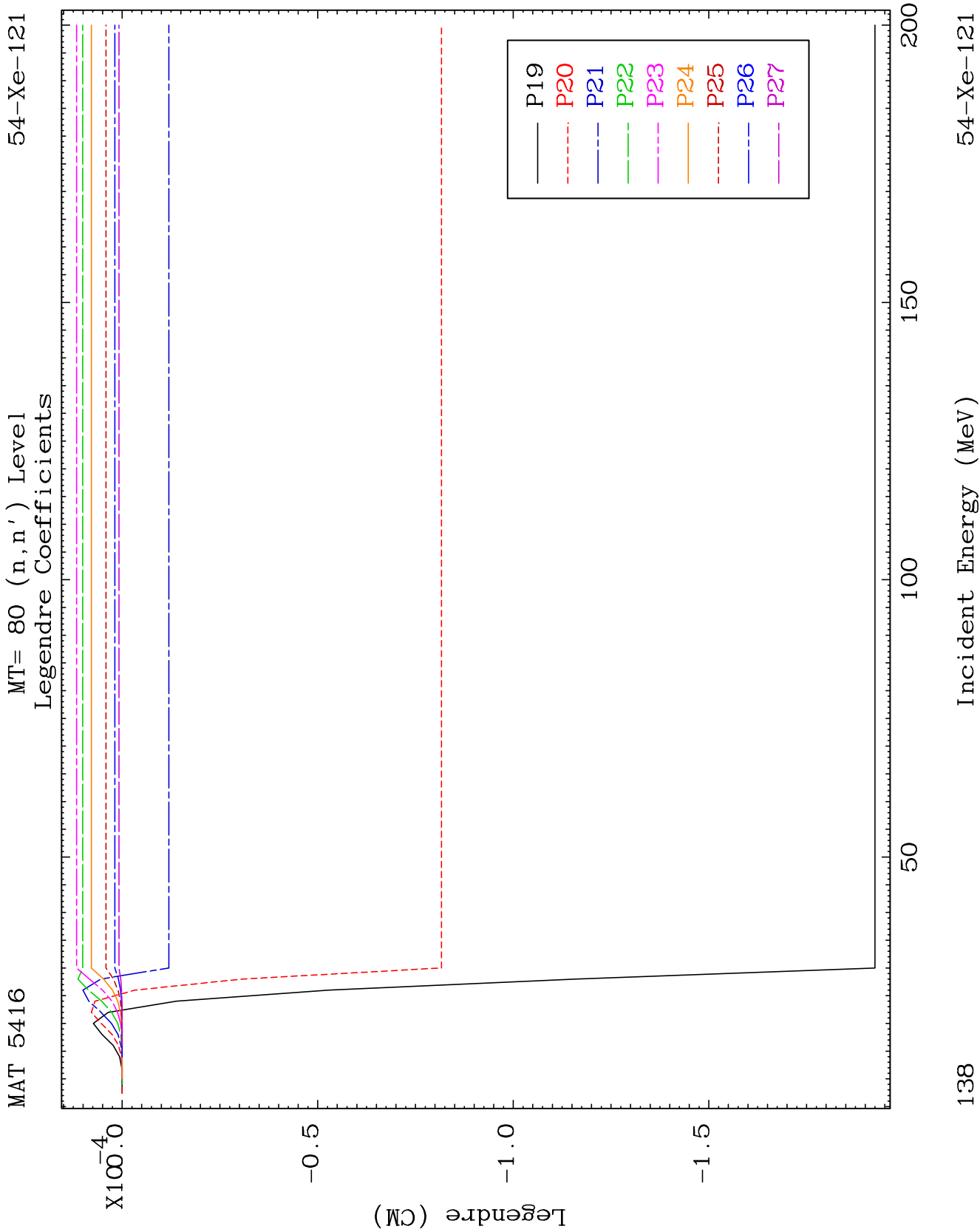
MAT 5416

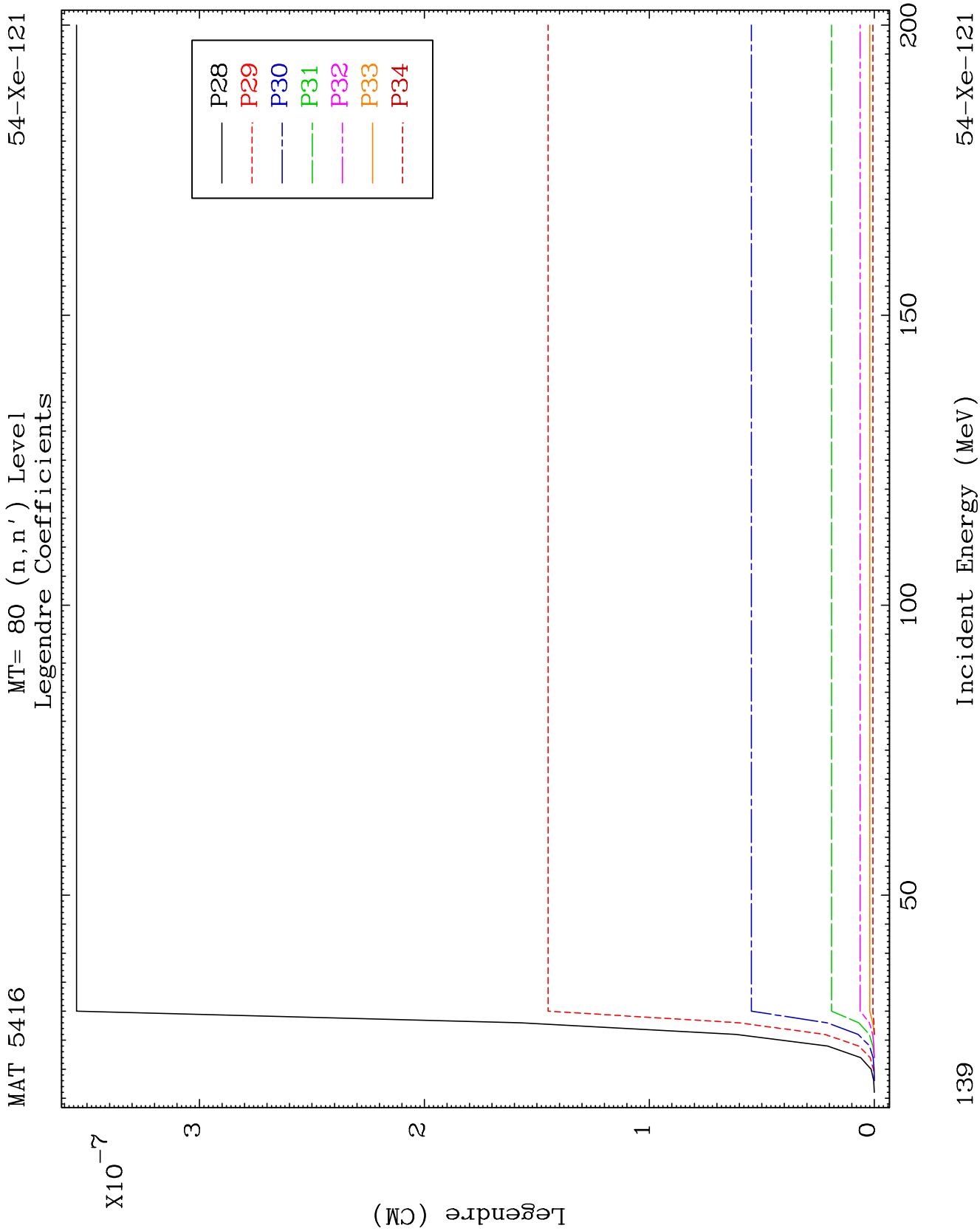
MT= 80 (n, n') Level
Legendre Coefficients

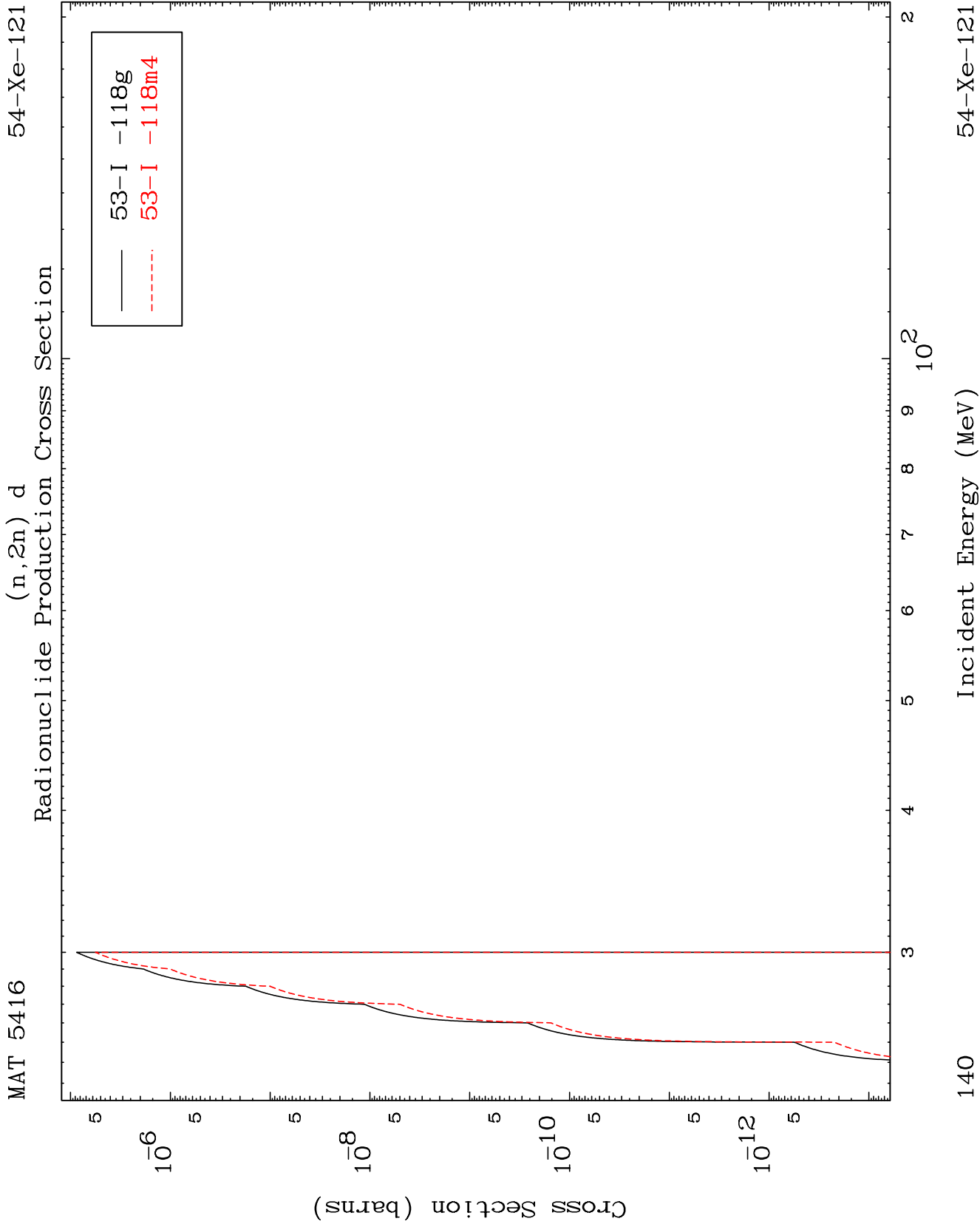
54-Xe-121

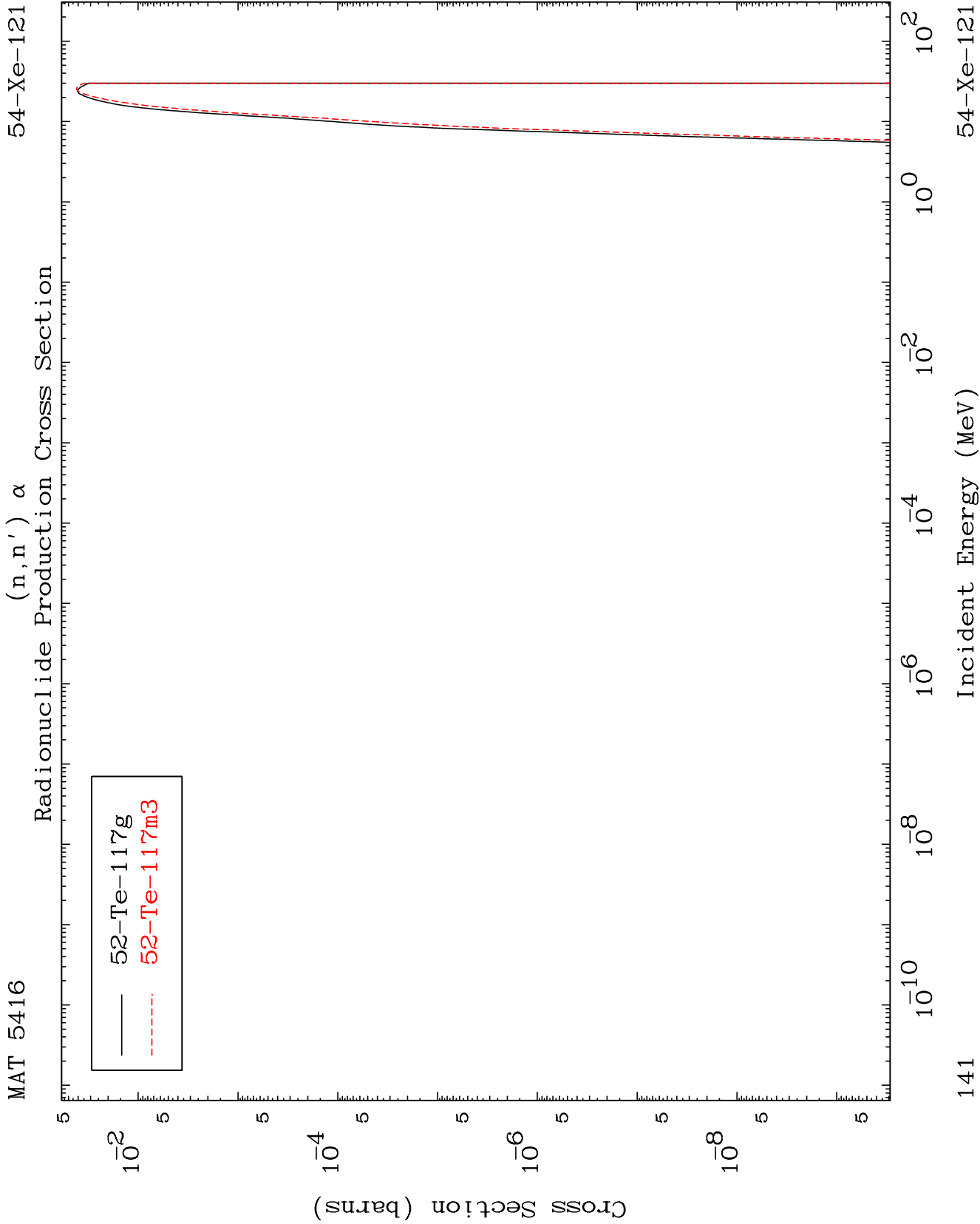


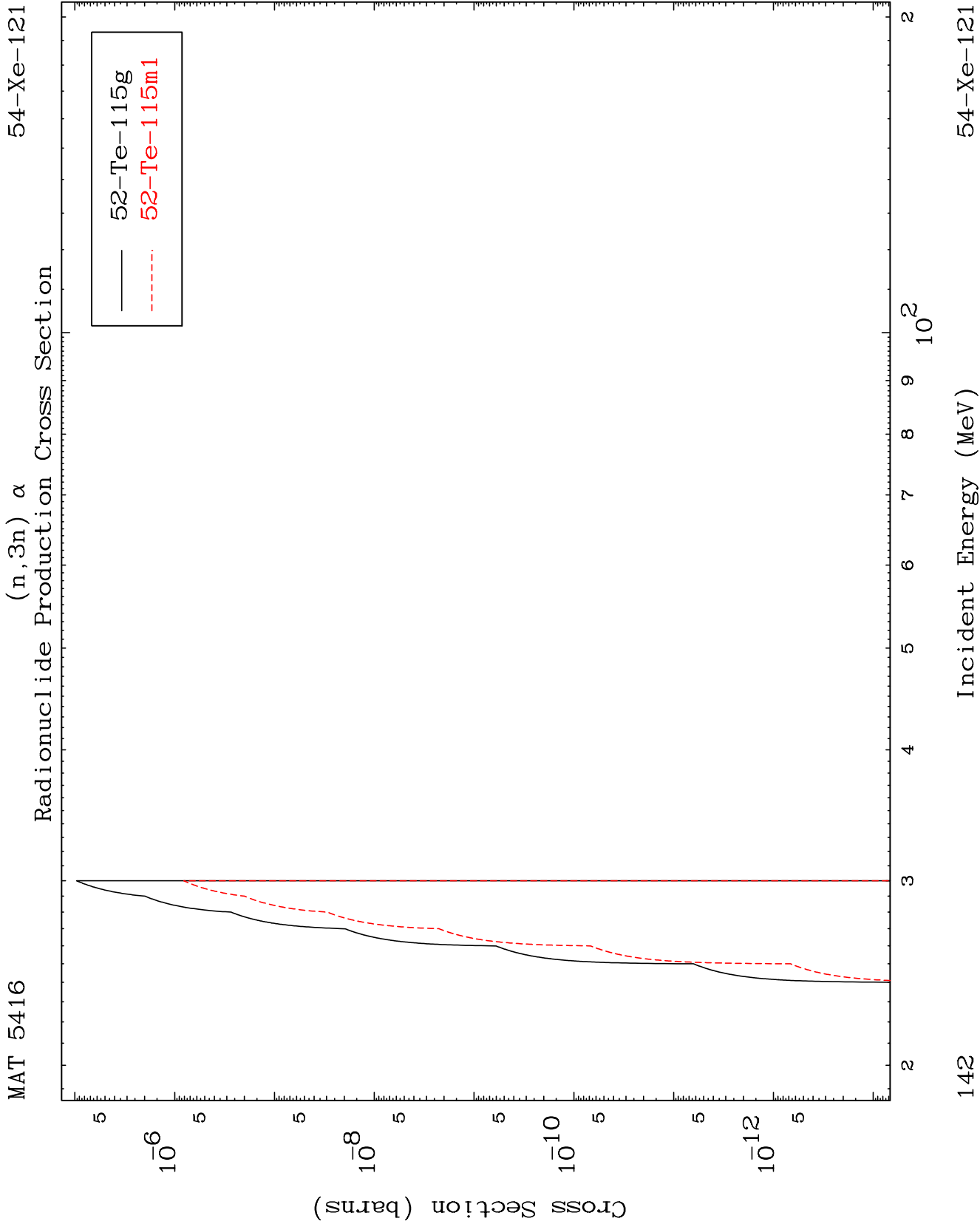








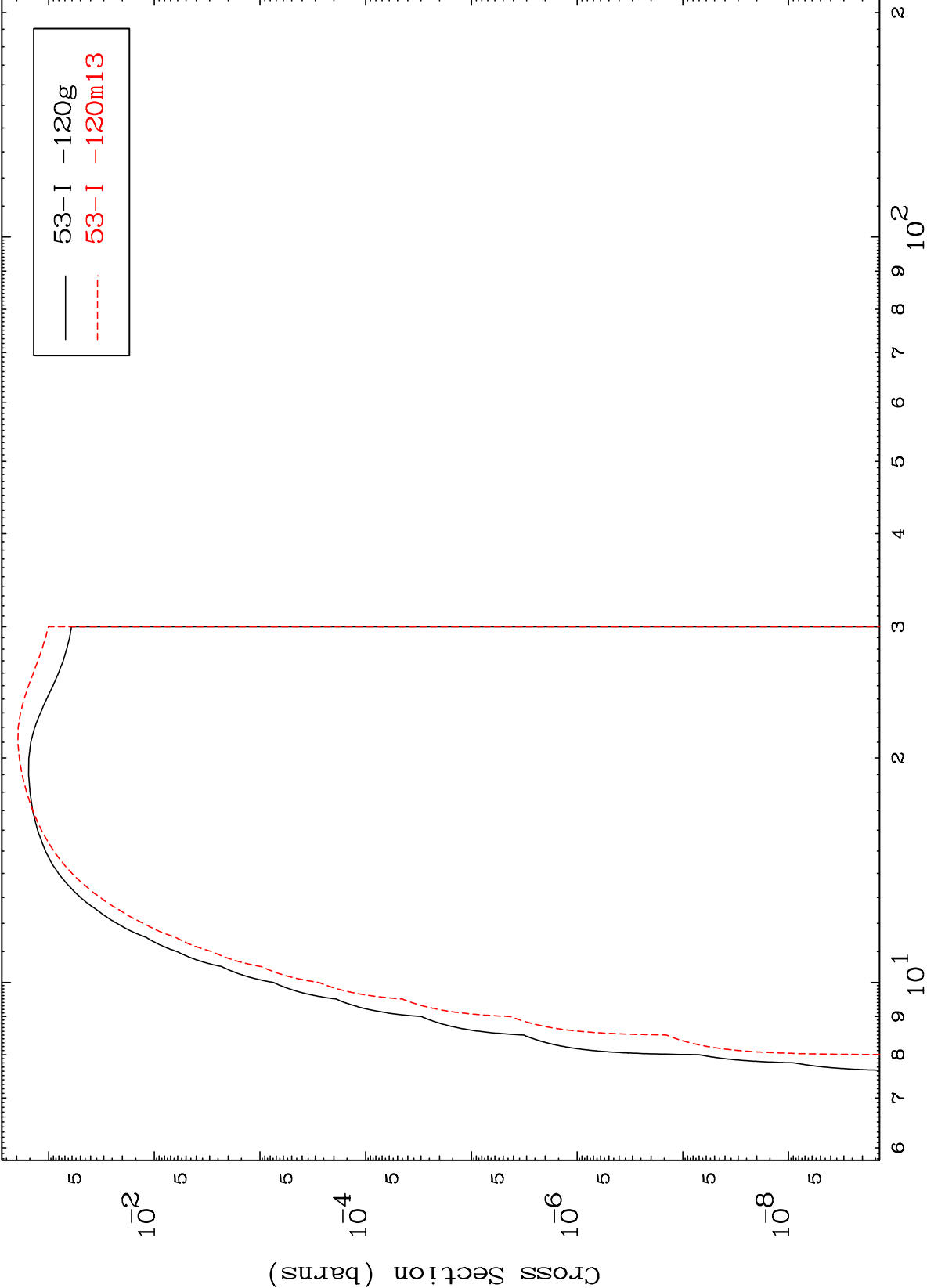




MAT 5416

54-Xe-121

(n,n') p
Radionuclide Production Cross Section

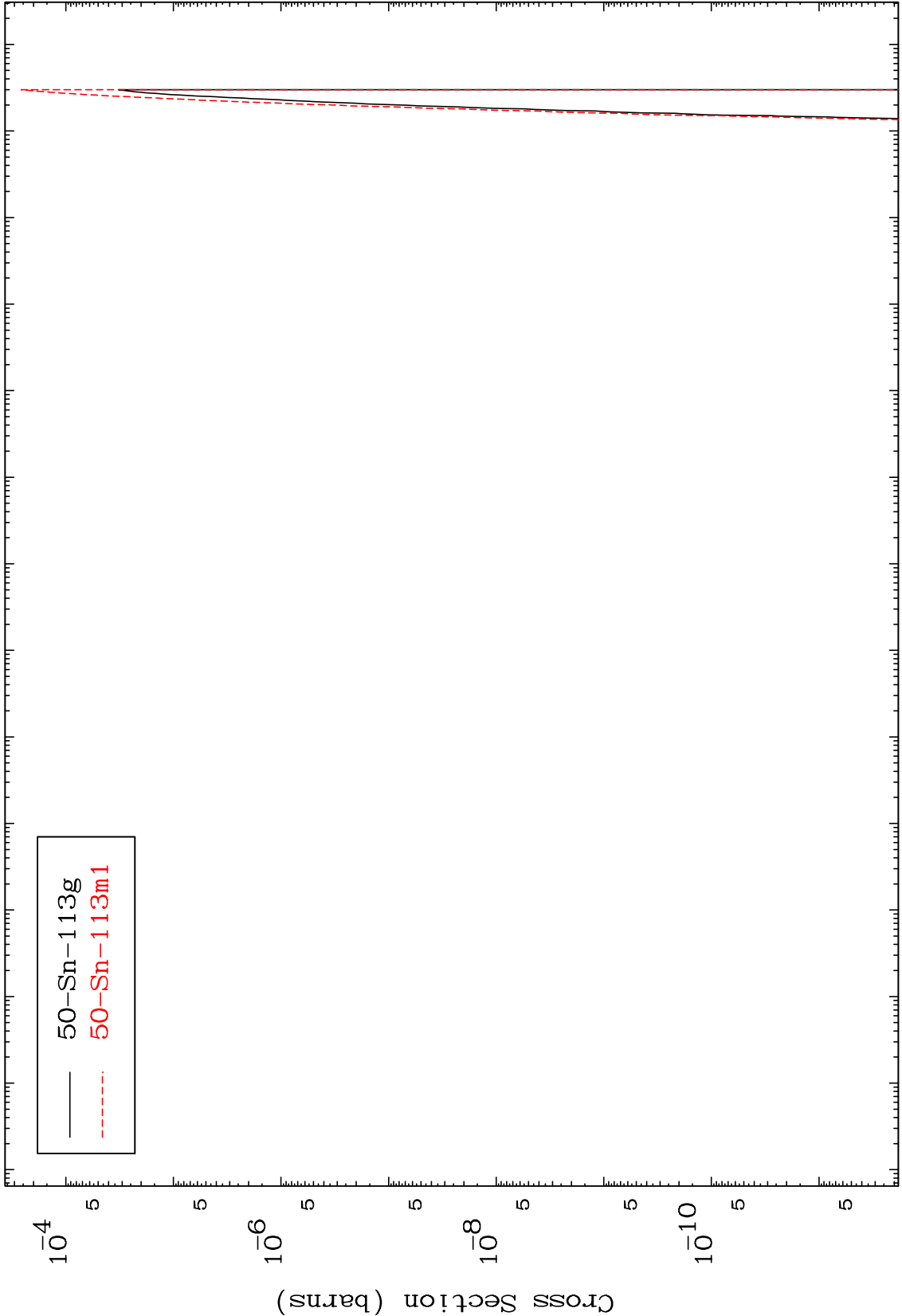


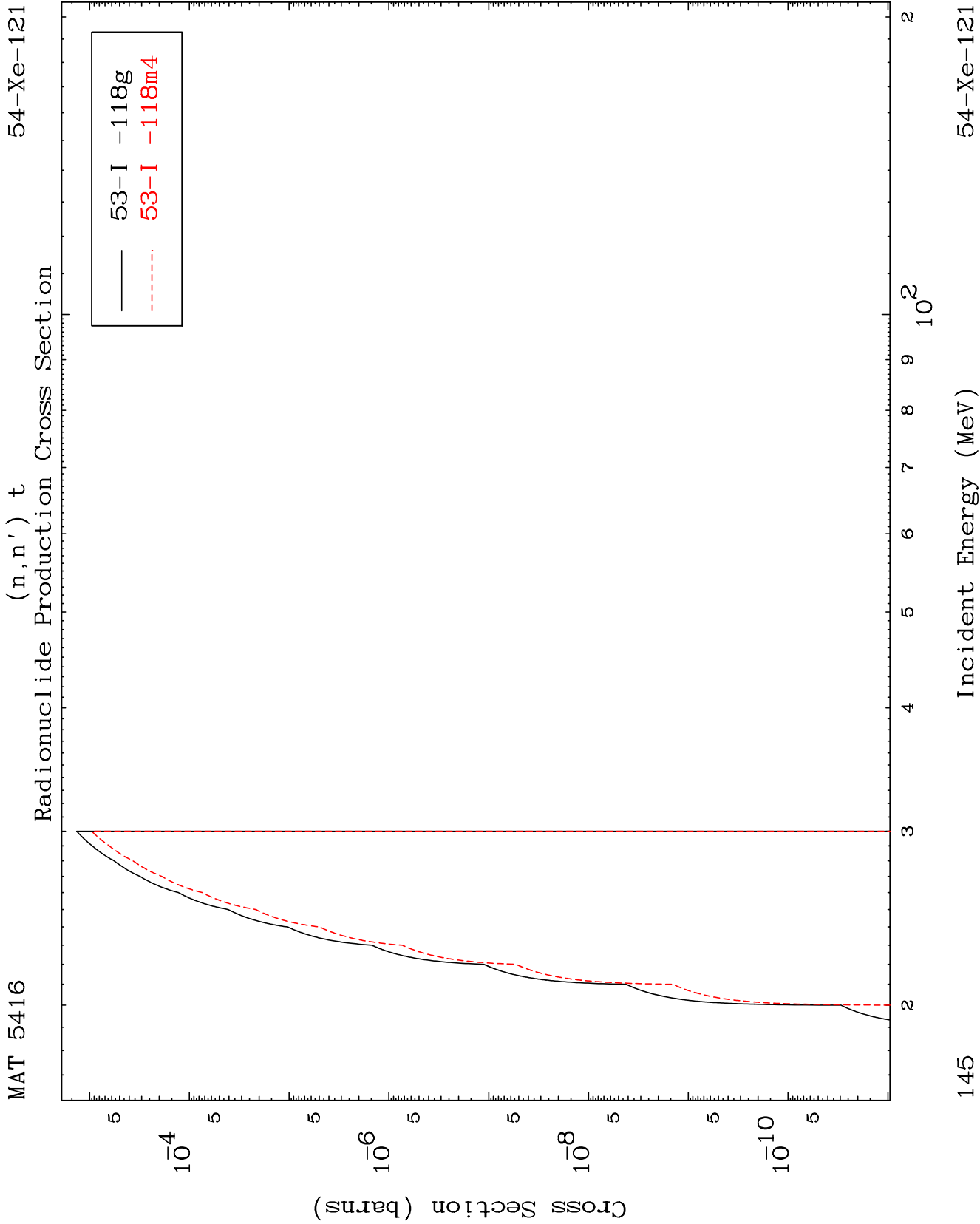
143

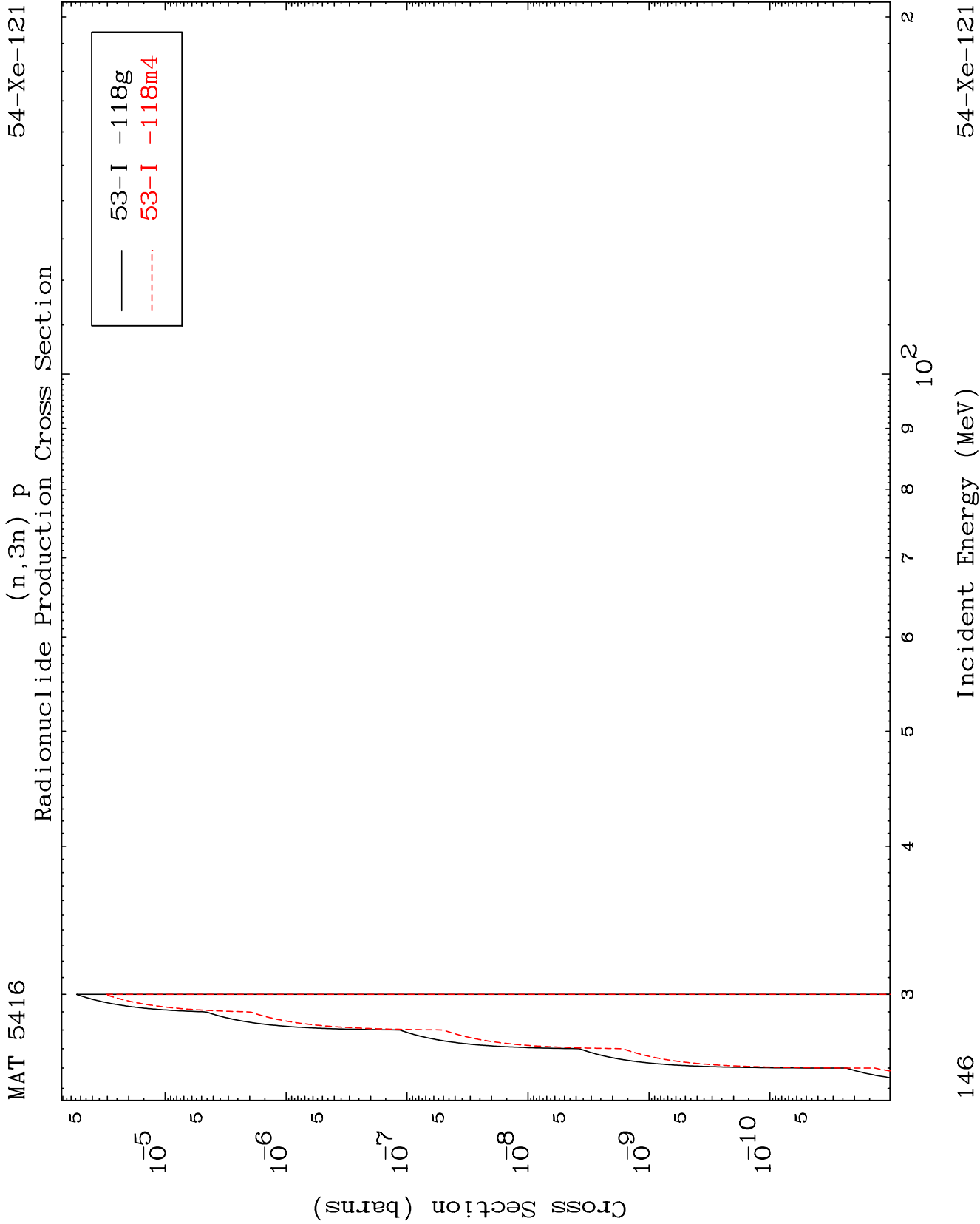
Incident Energy (MeV)

54-Xe-121

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





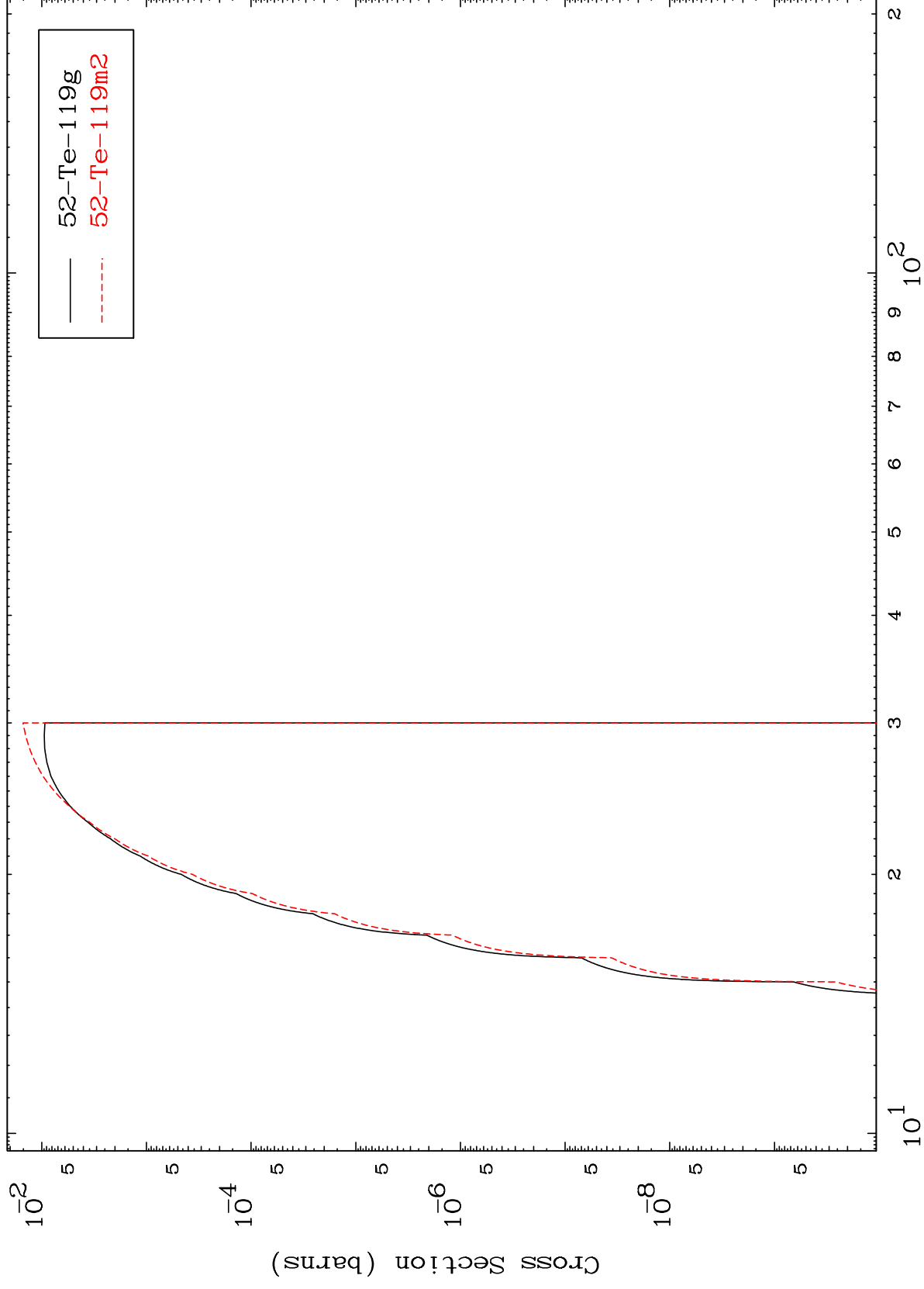


MAT 5416

$$(n, 2n) \text{ p}$$

54-Xe-121

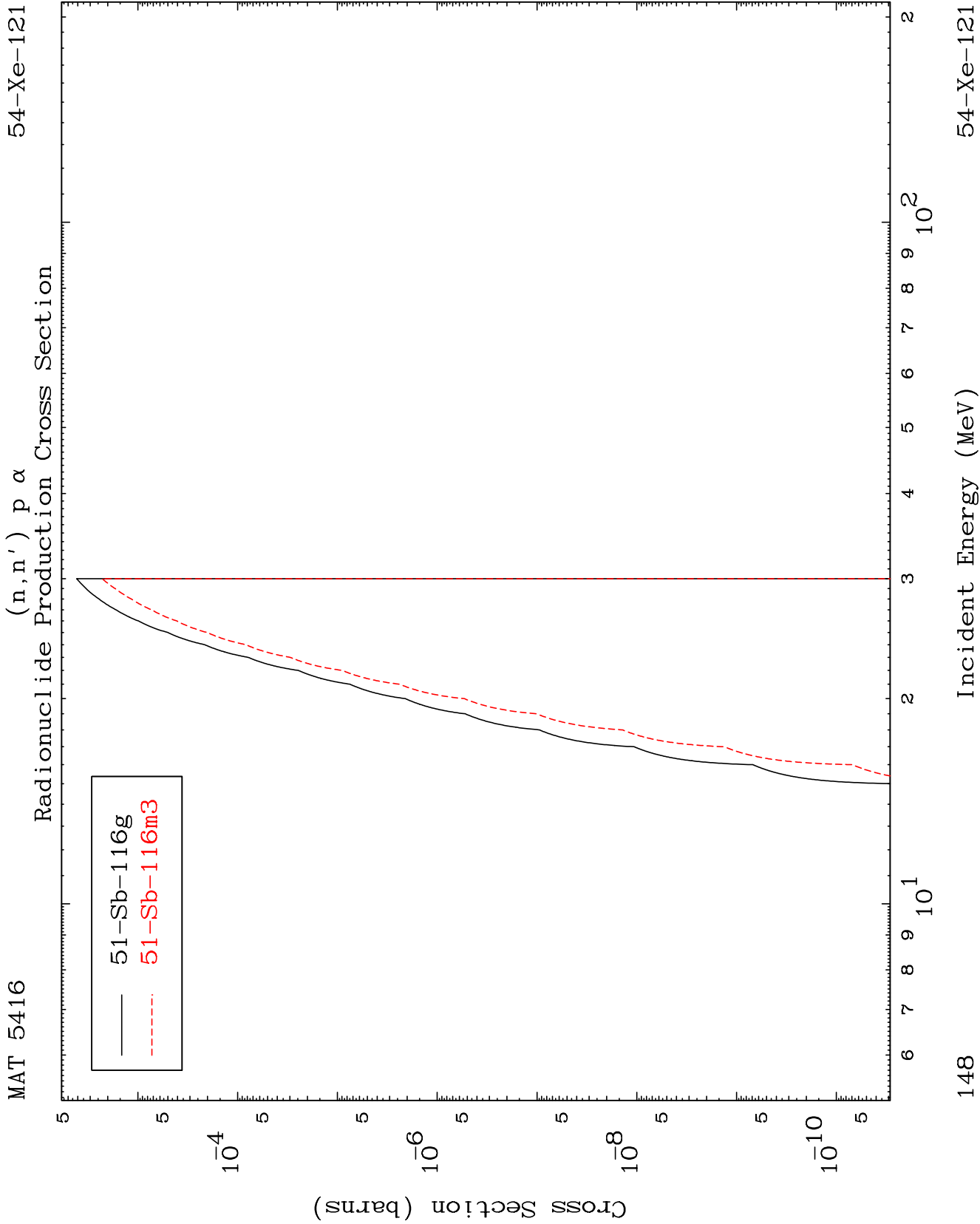
Radionuclide Production Cross Section

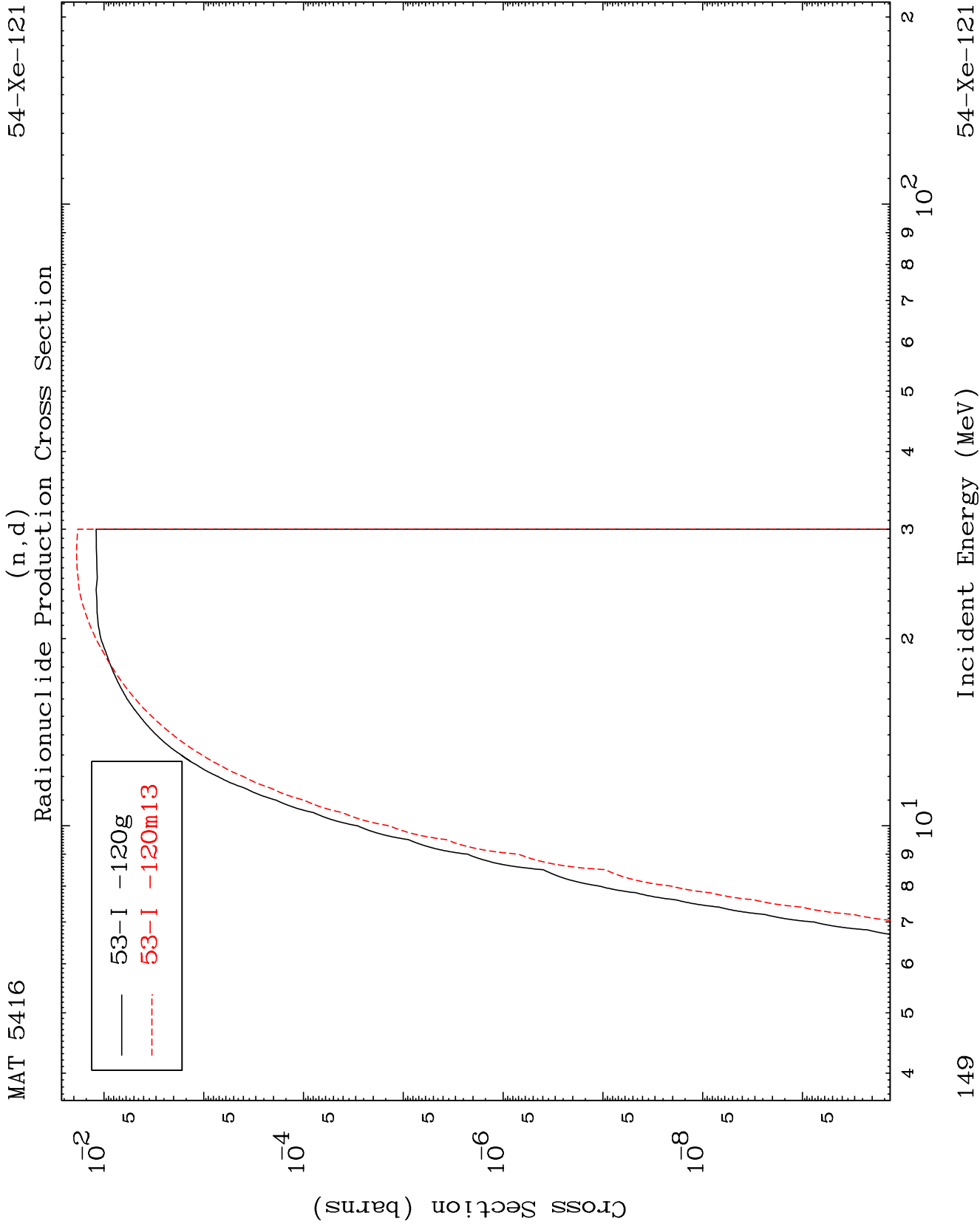


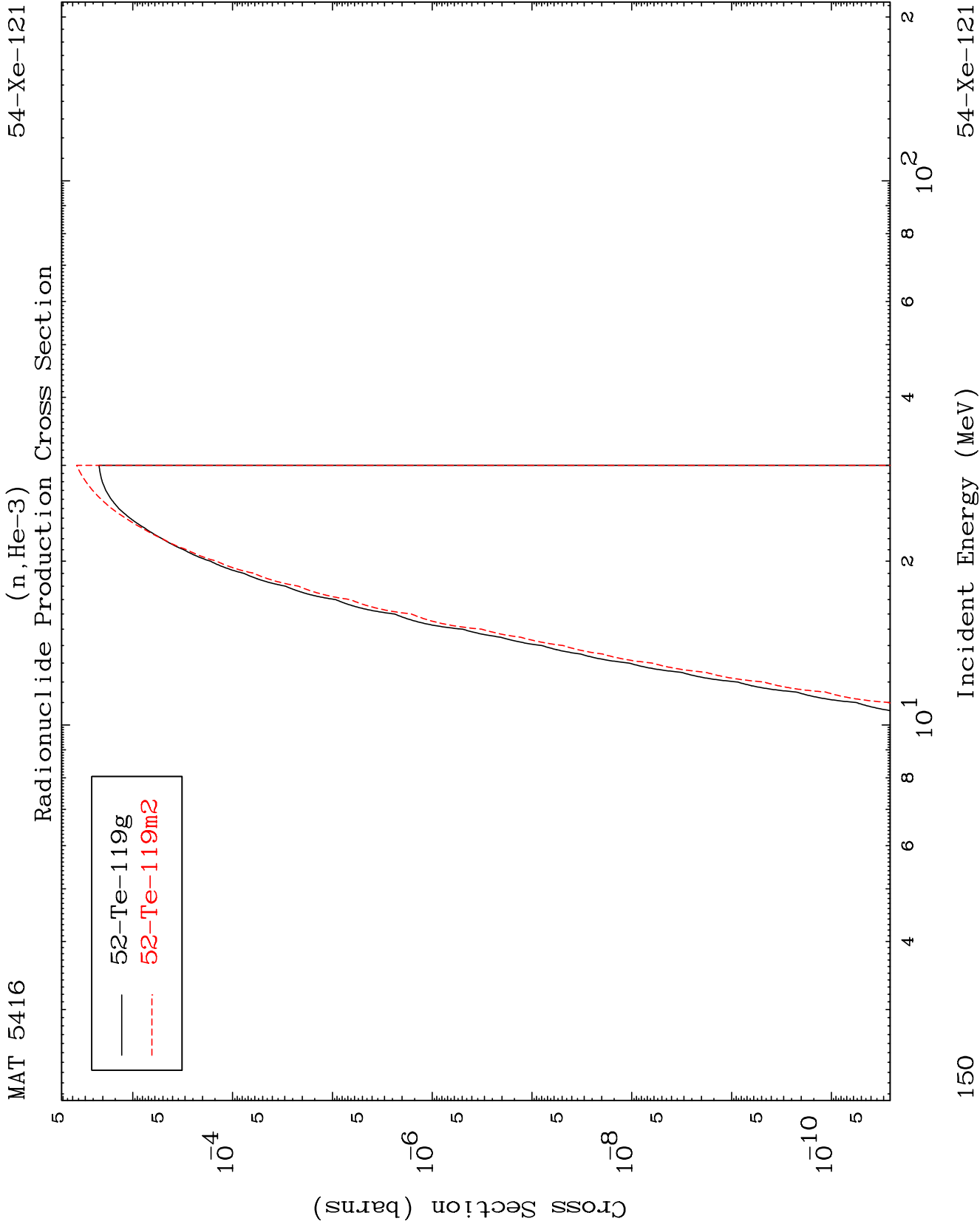
142

Incident Energy (MeV)

54-Xe-121





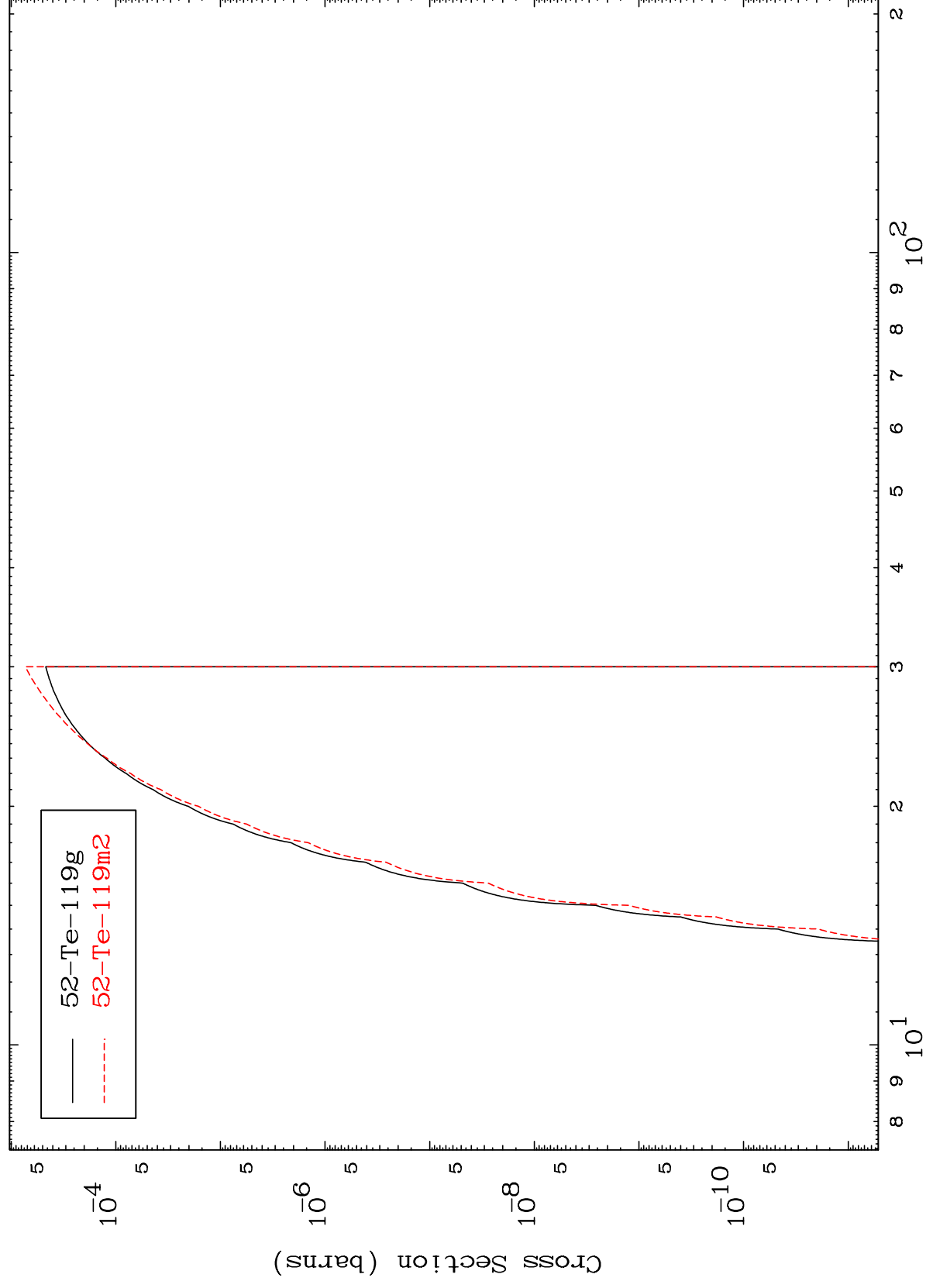


MAT 5416

 (n, p) d

54-Xe-121

Radionuclide Production Cross Section



151

Incident Energy (MeV)

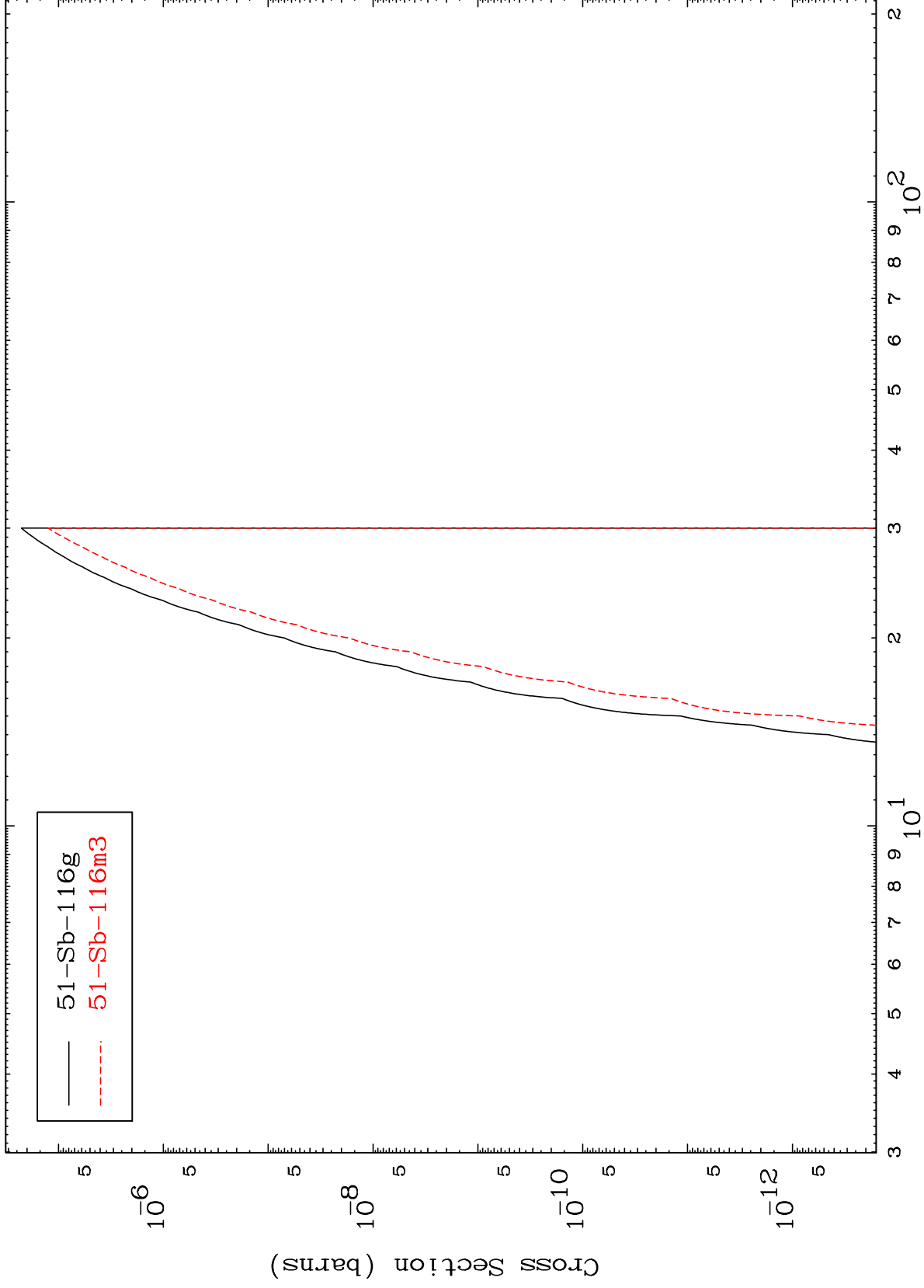
54-Xe-121

MAT 5416

54-Xe-121

(n,d) α

Radionuclide Production Cross Section



152

54-Xe-121

Incident Energy (MeV)