

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

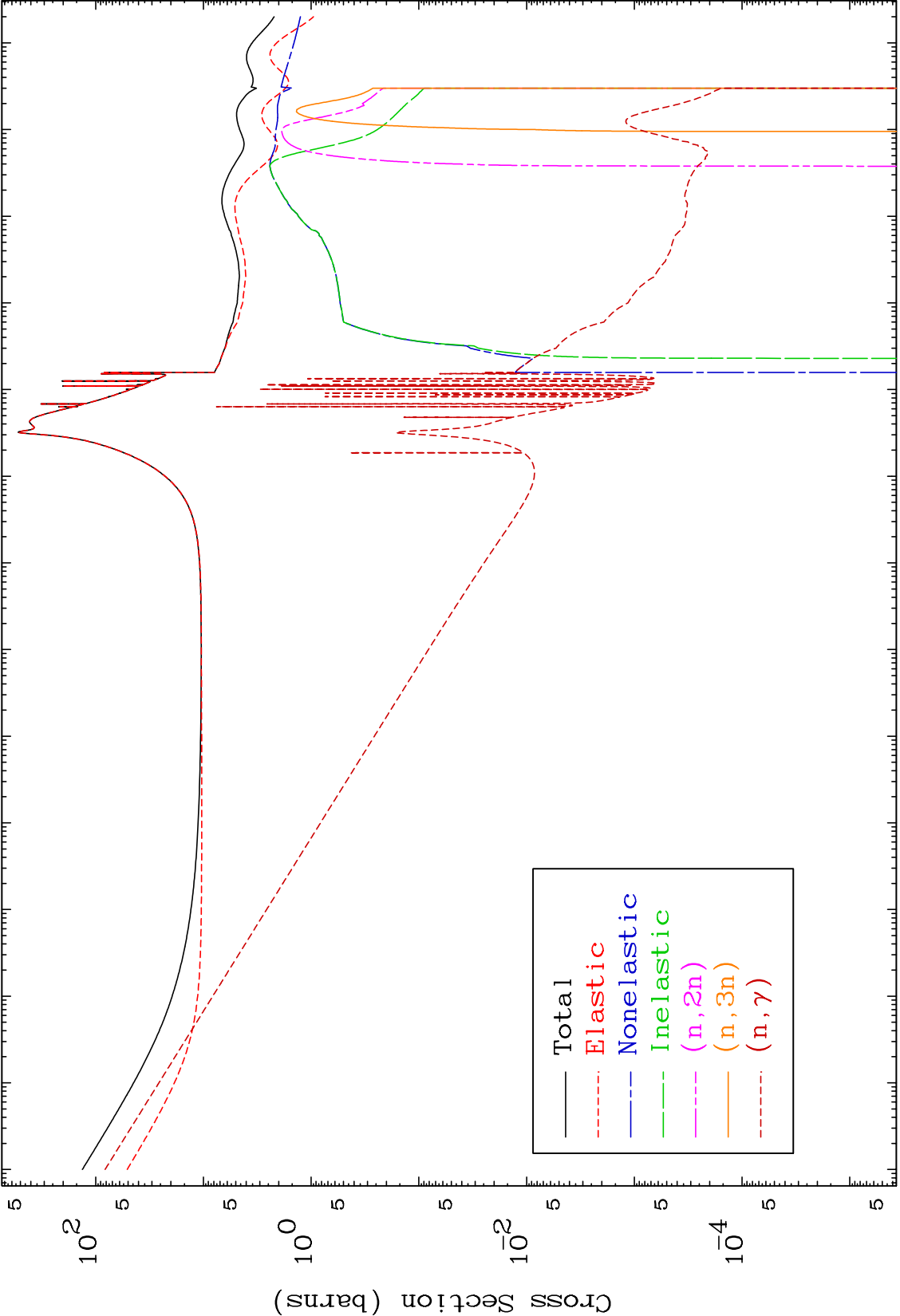
Press Mouse Button to Start

MAT 5470

Neutron Major

293 Kelvin Cross Sections

54-Xe-139

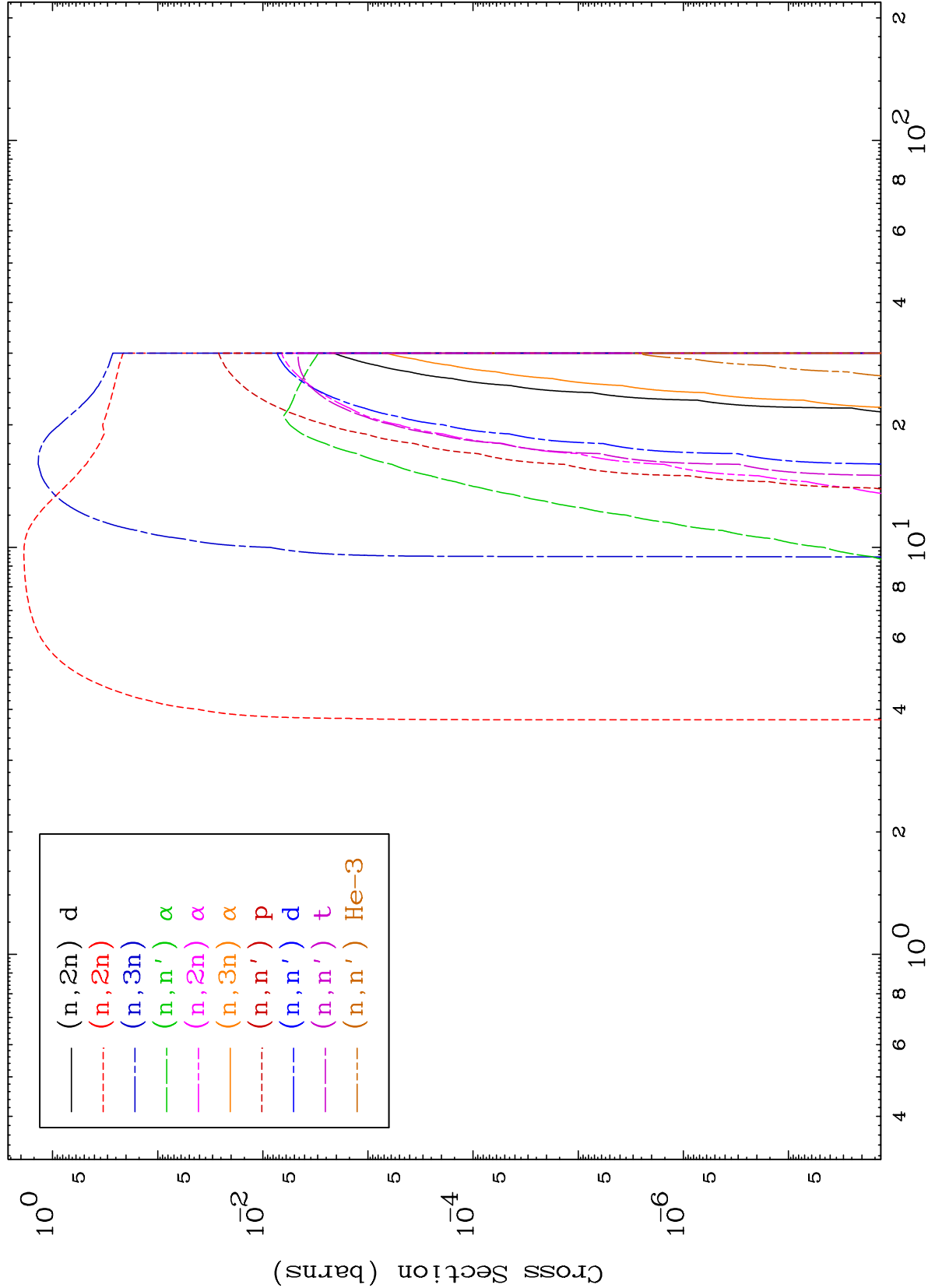


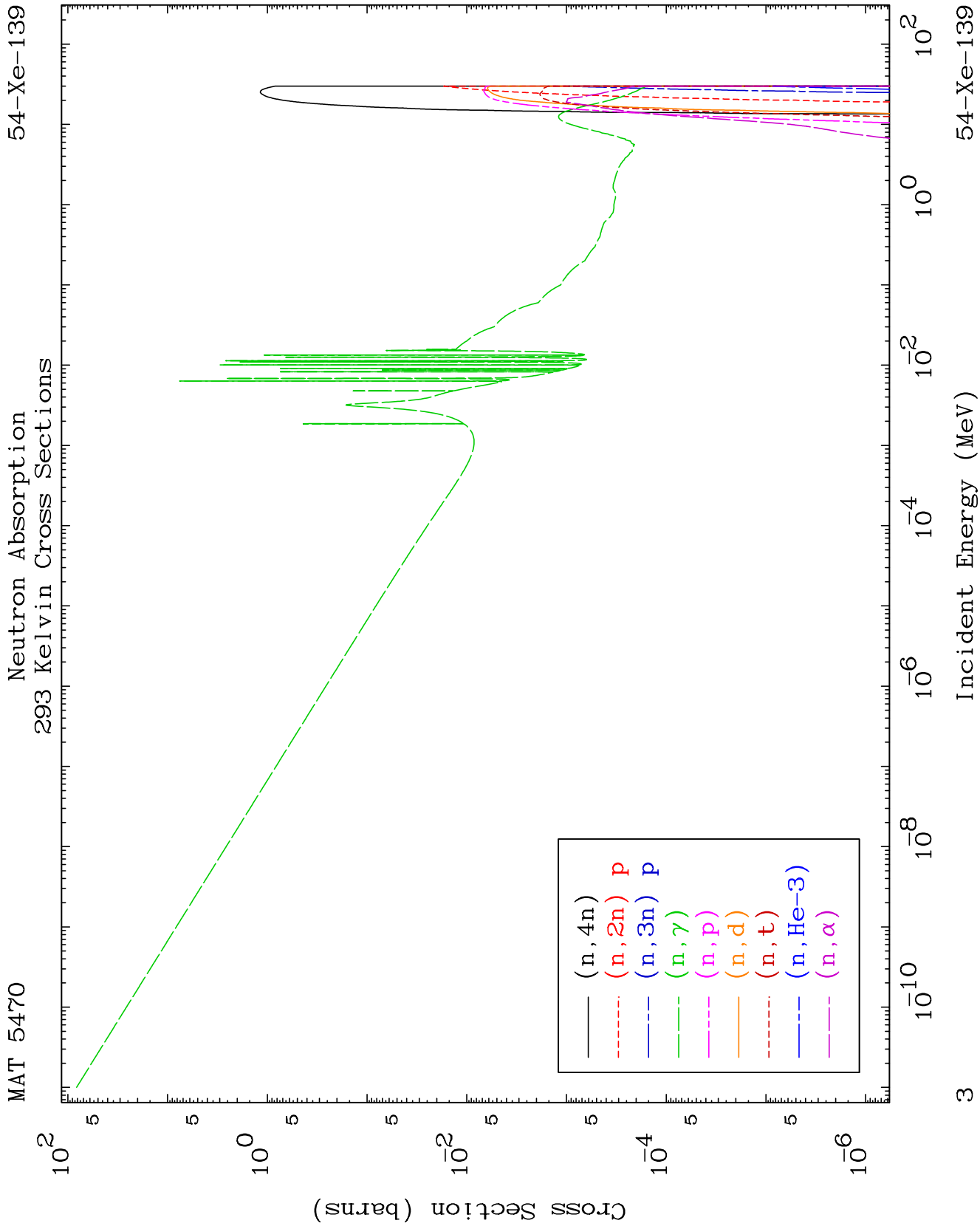
MAT 5470

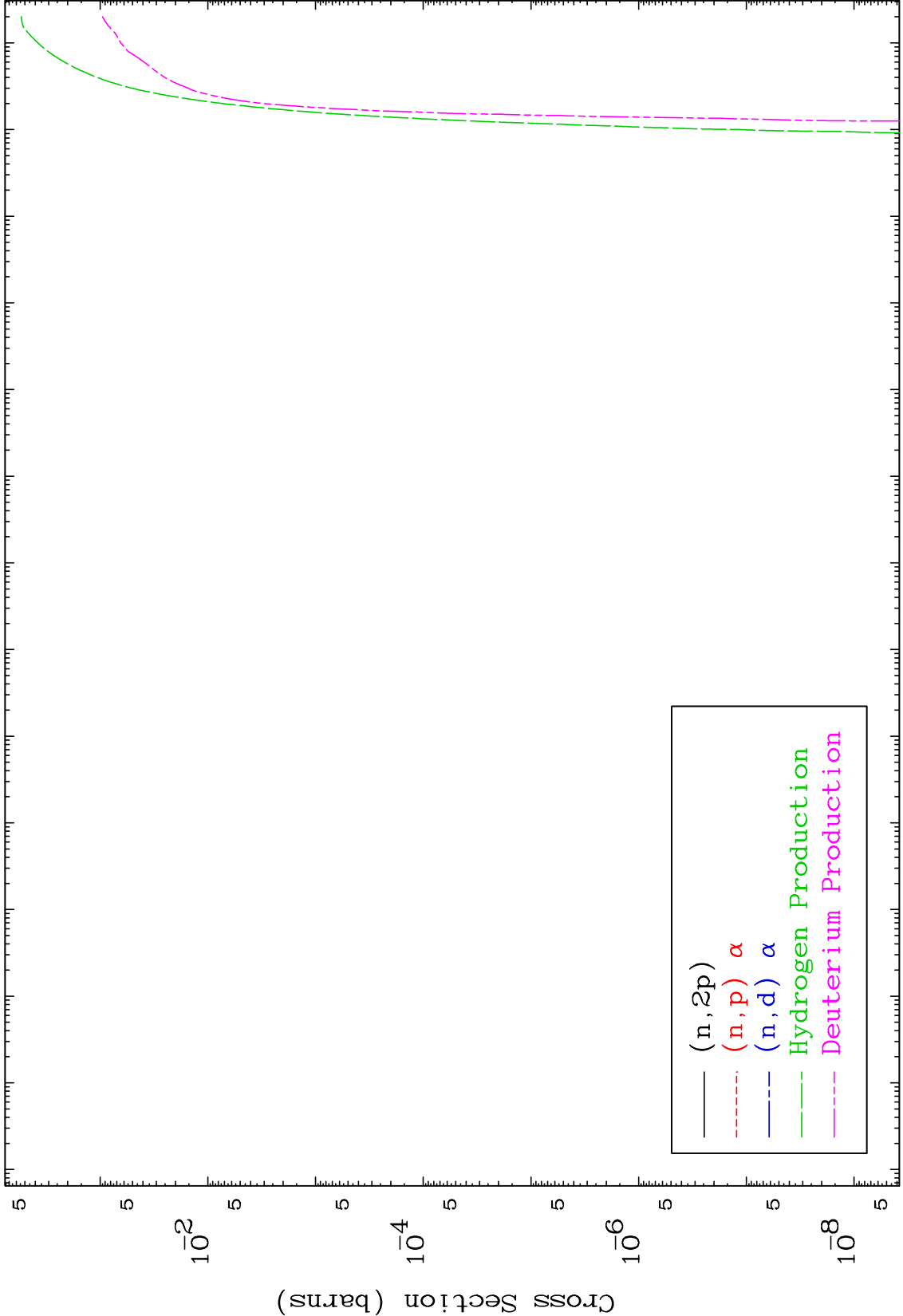
Neutron Absorption

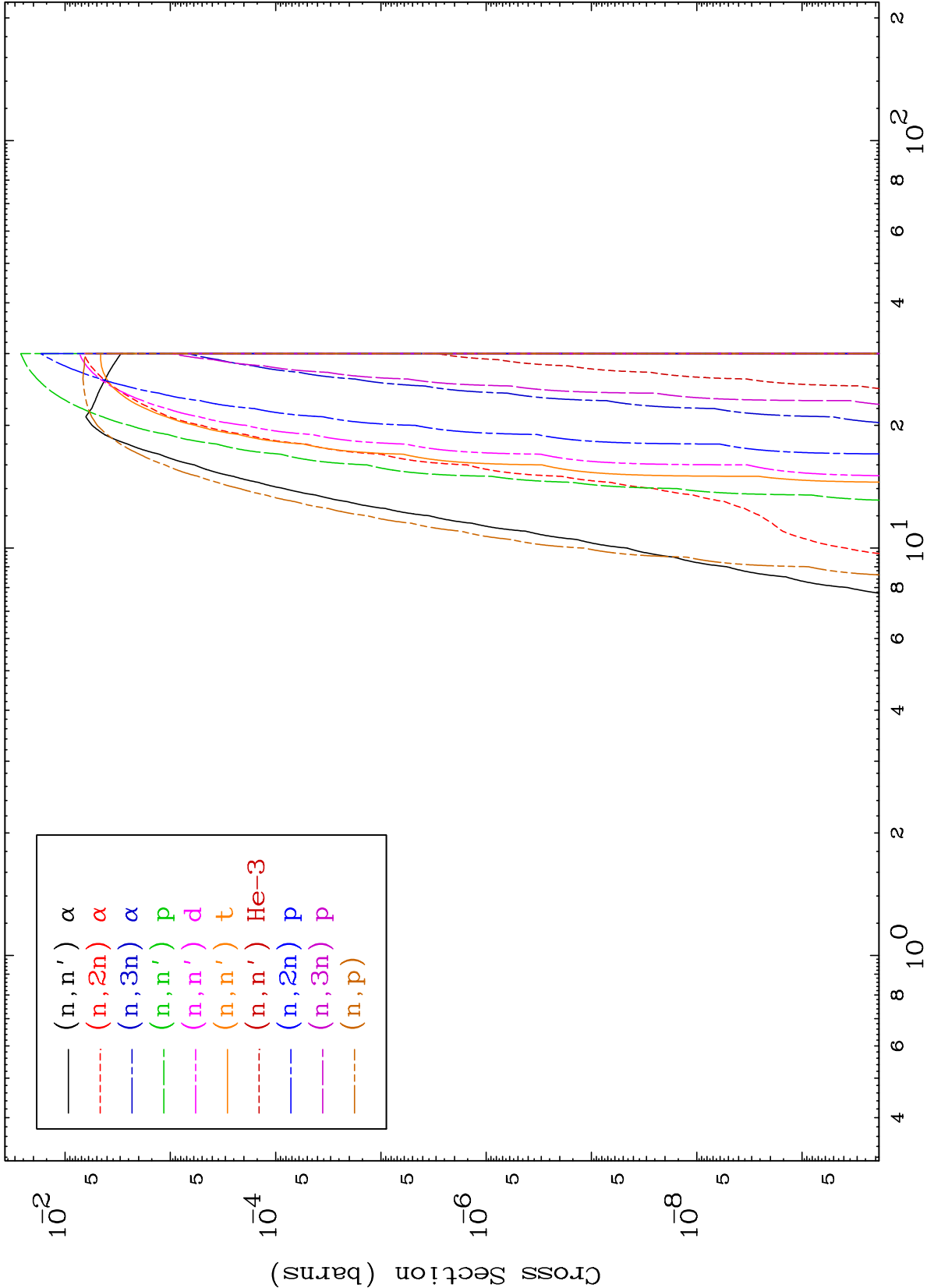
54-Xe-139

293 Kelvin Cross Sections





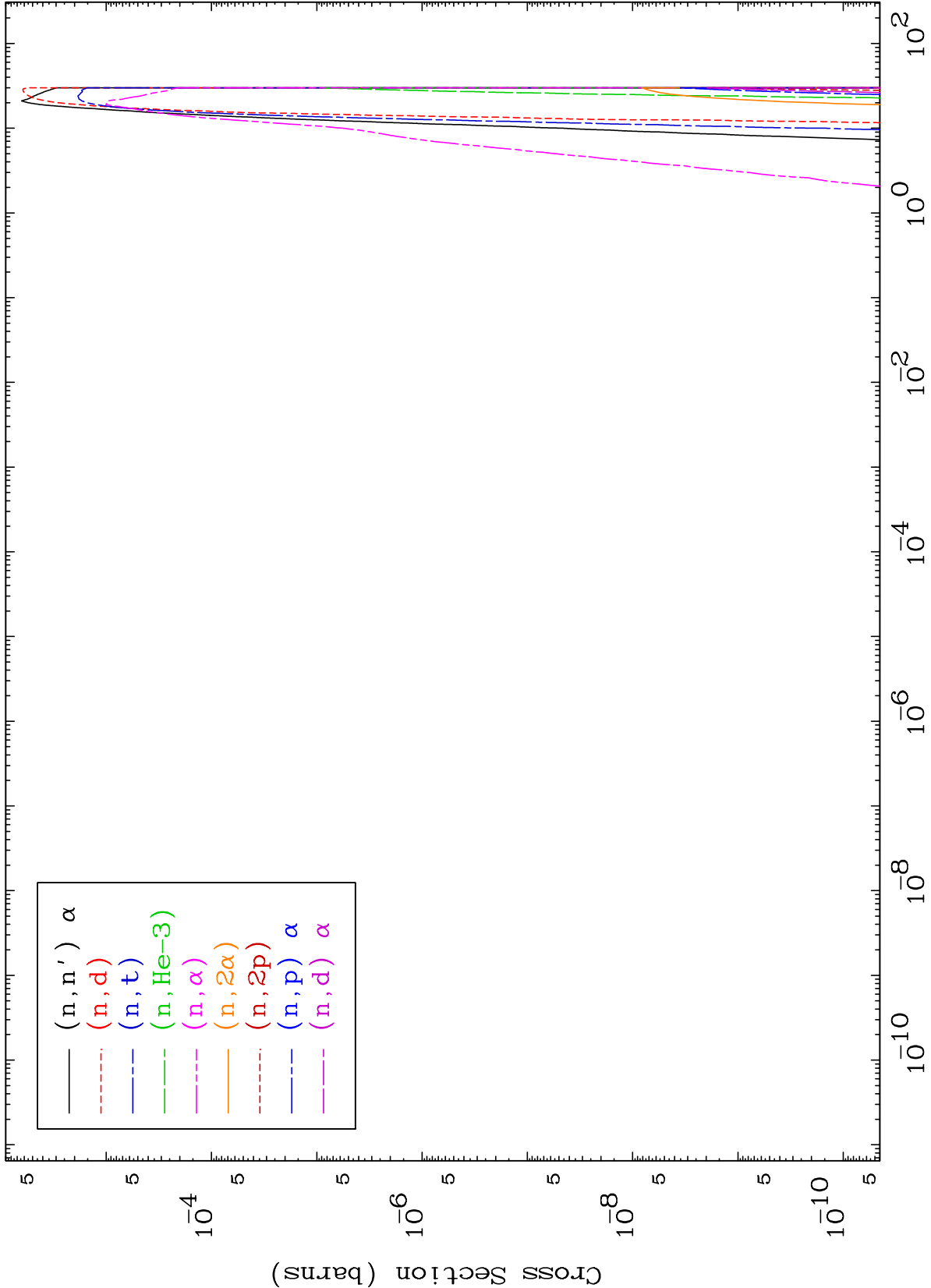


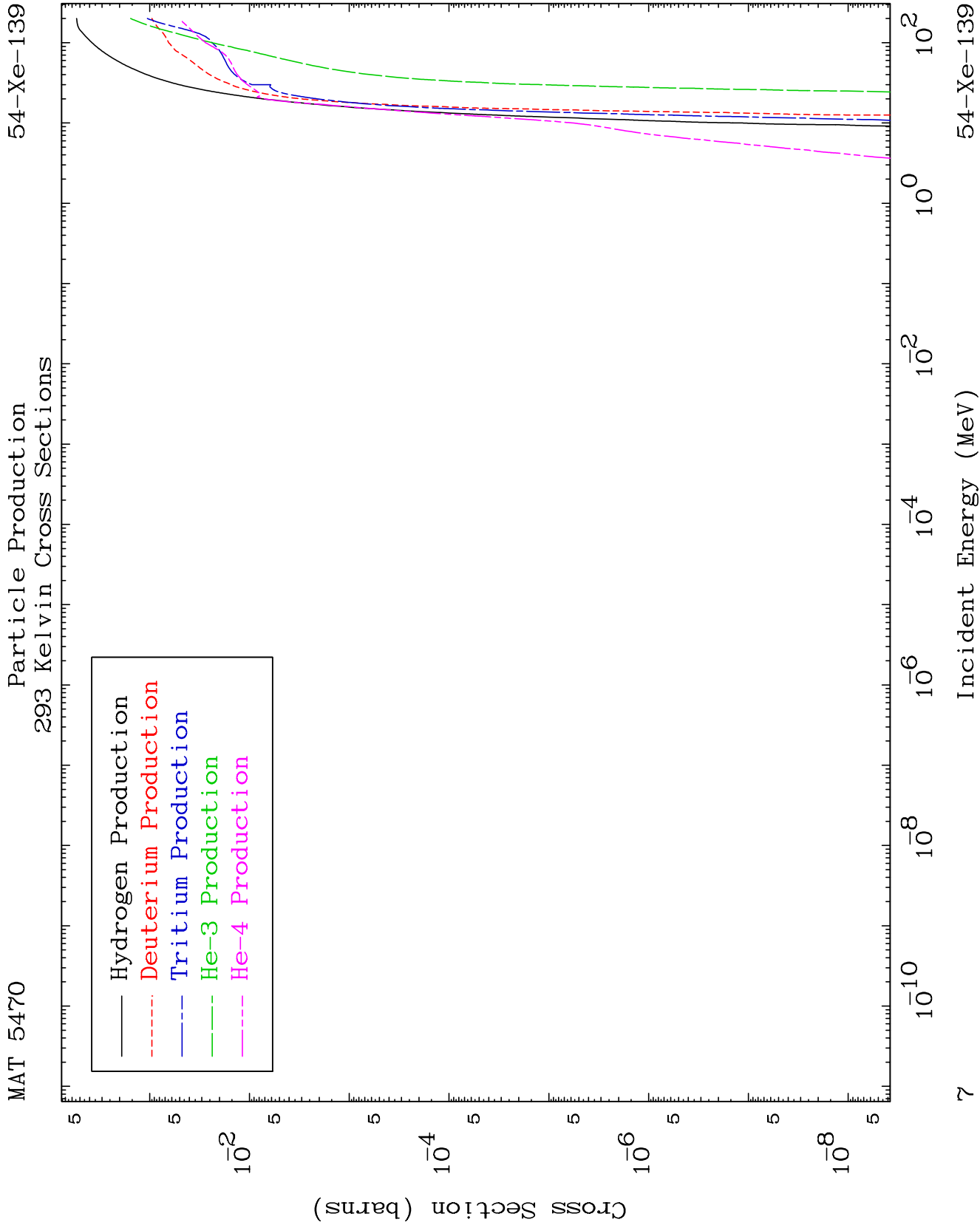


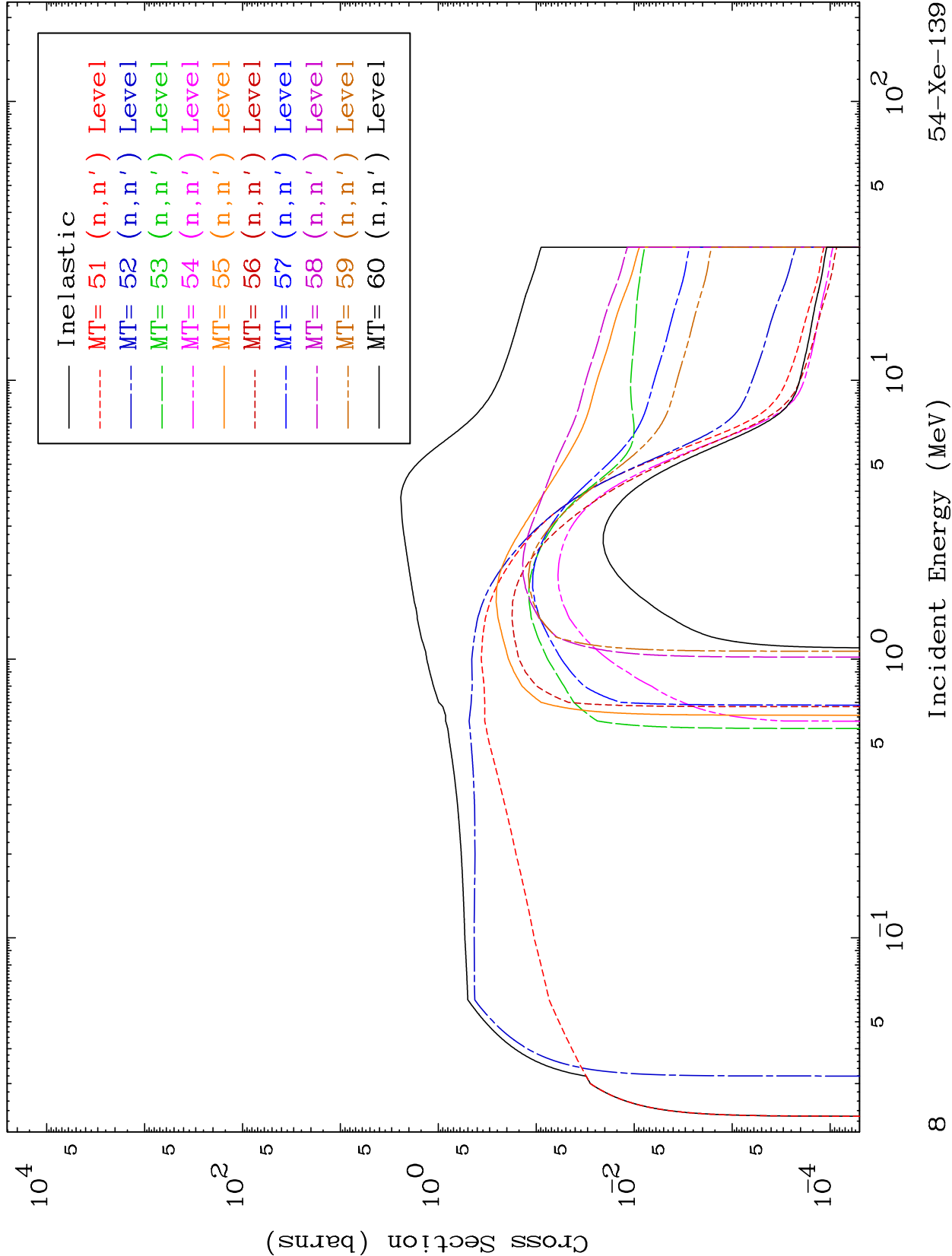
MAT 5470

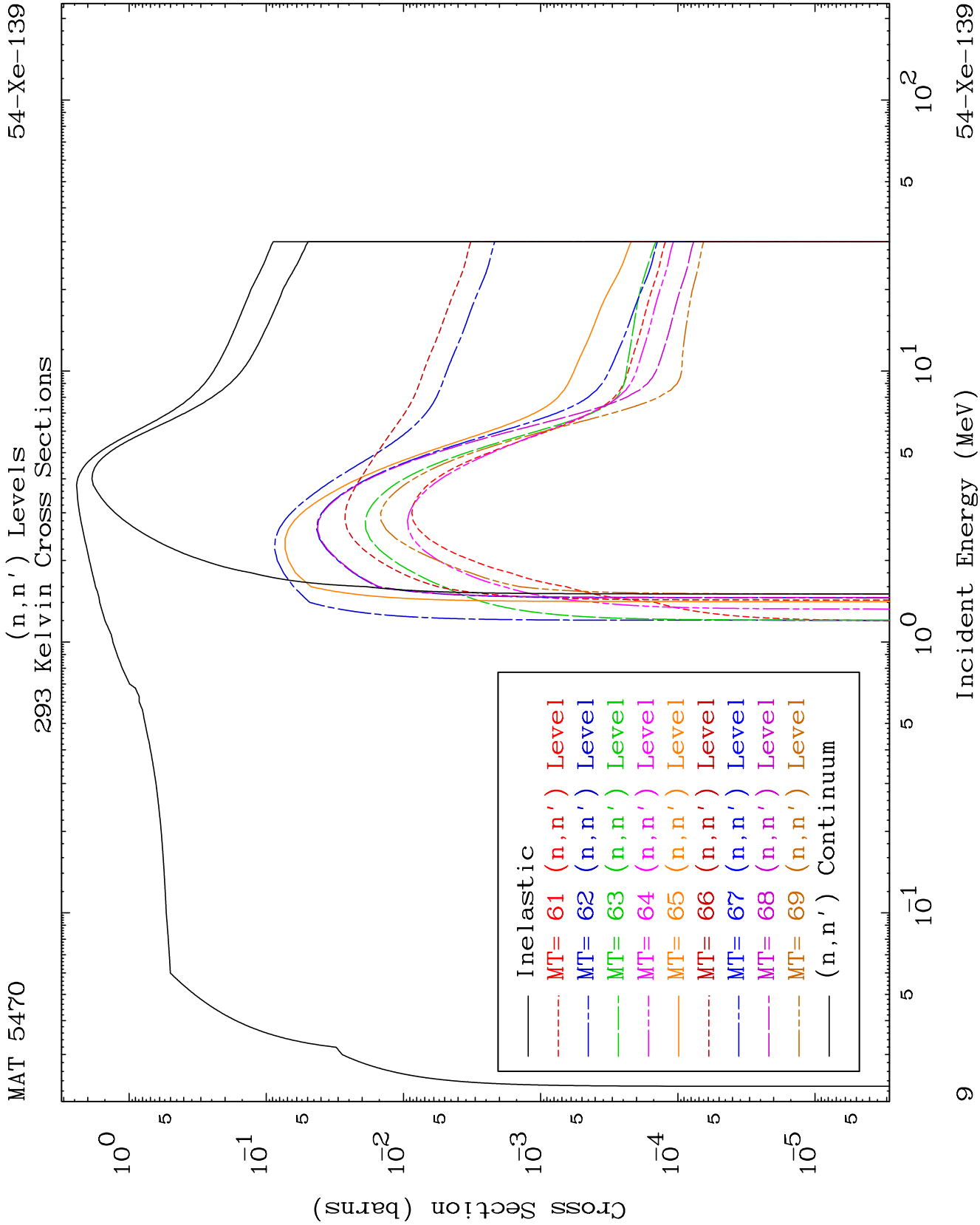
Charged Particle
293 Kelvin Cross Sections

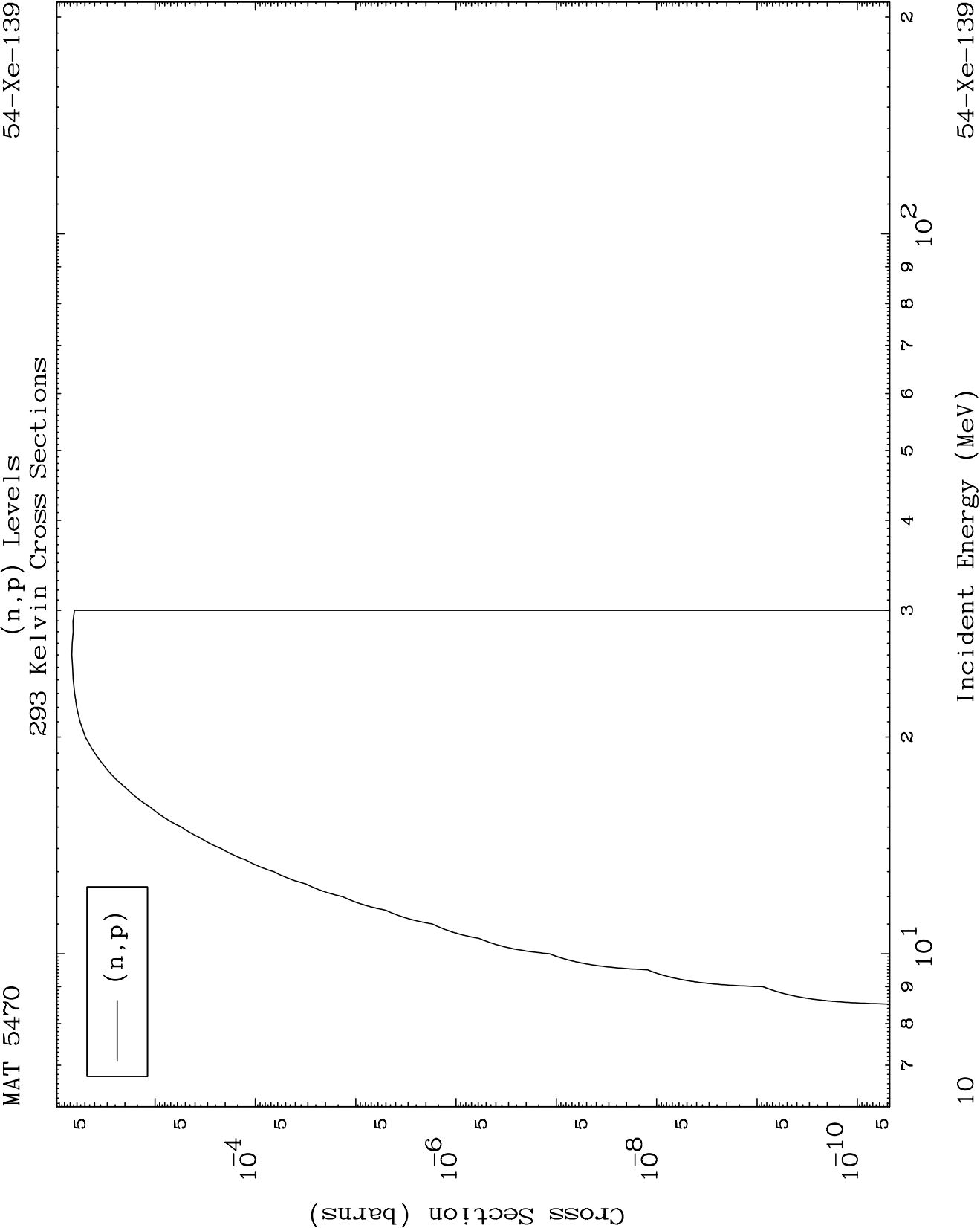
54-Xe-139

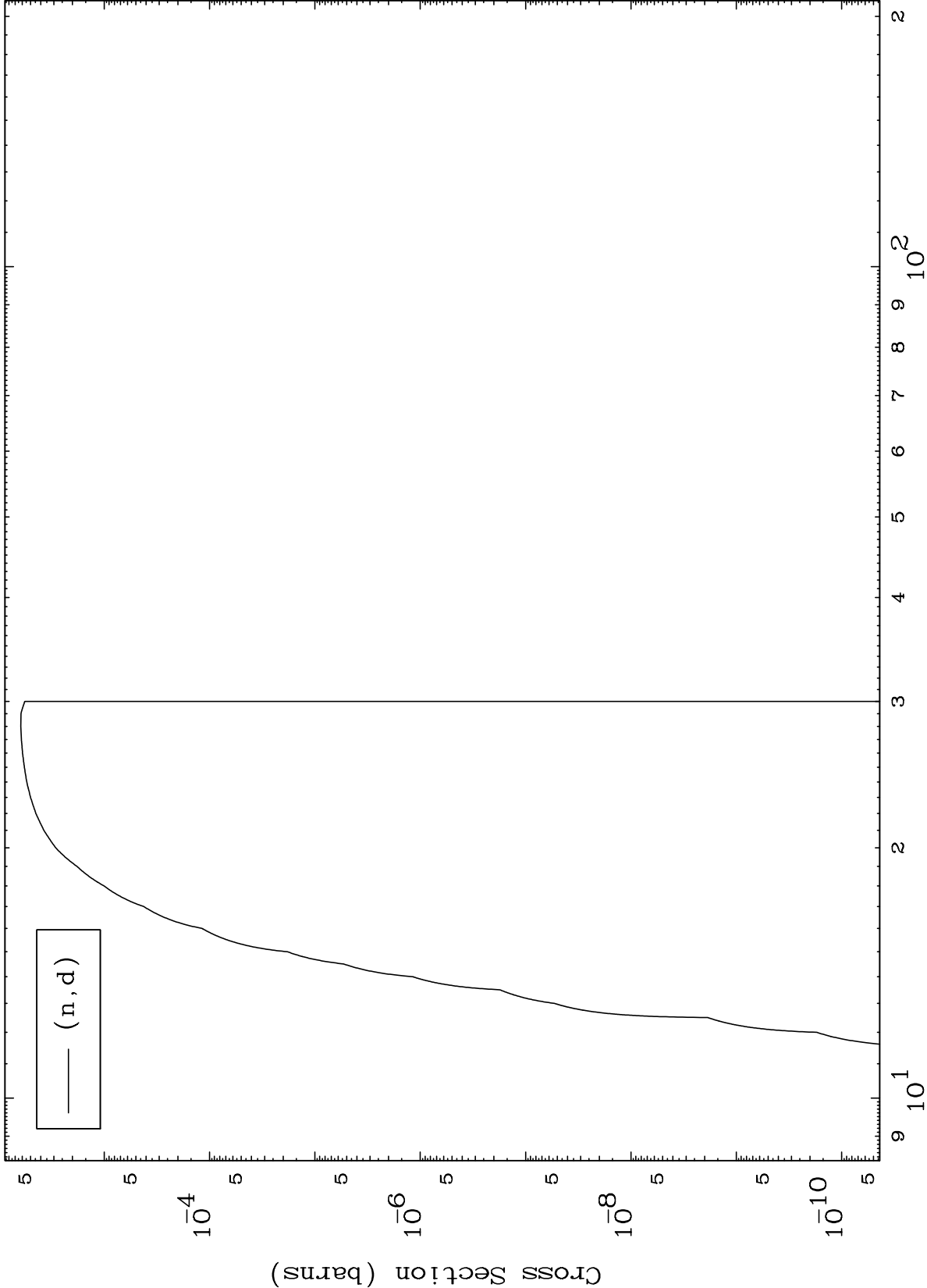








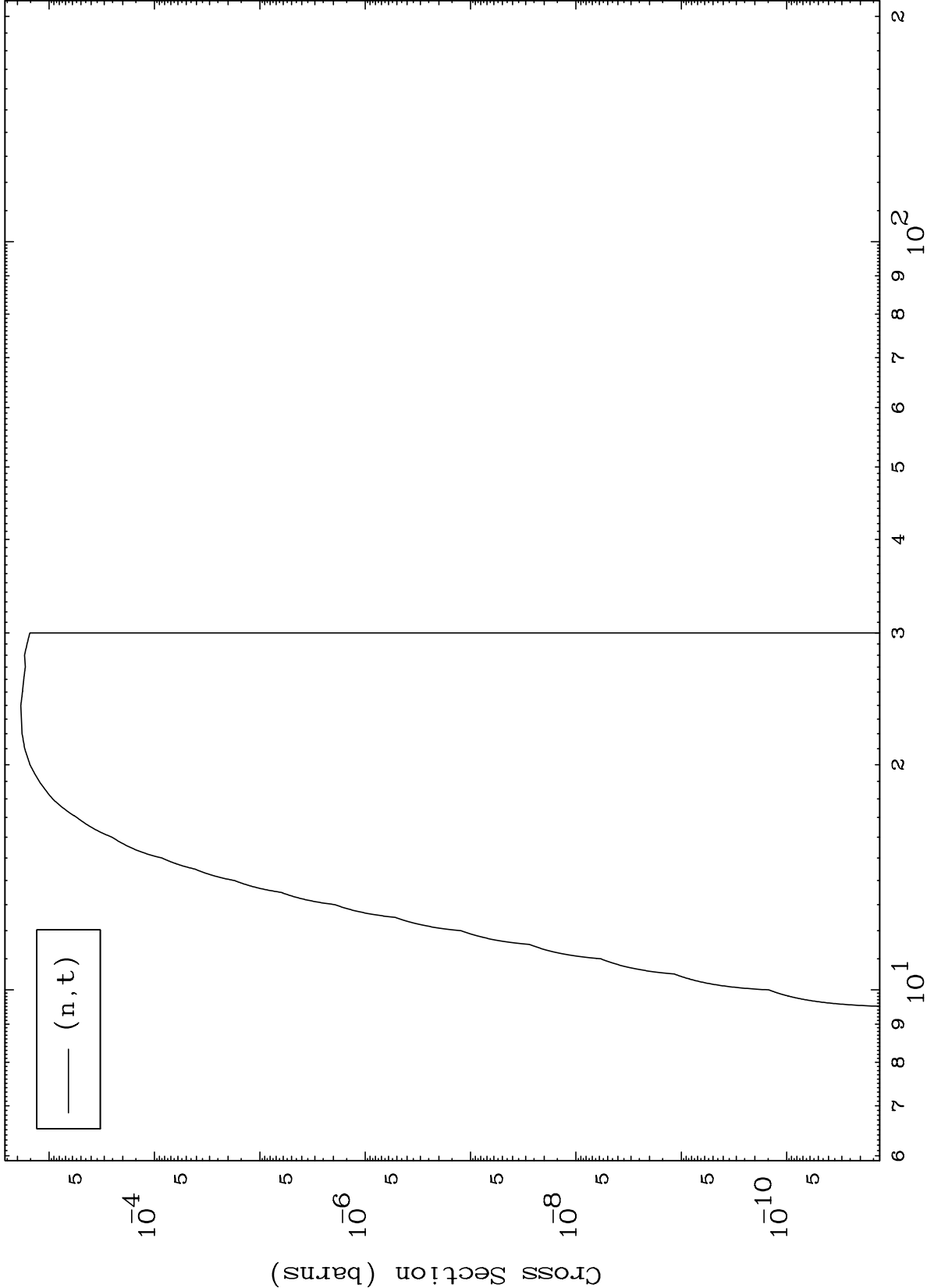




MAT 5470

(n,t) Levels
293 Kelvin Cross Sections

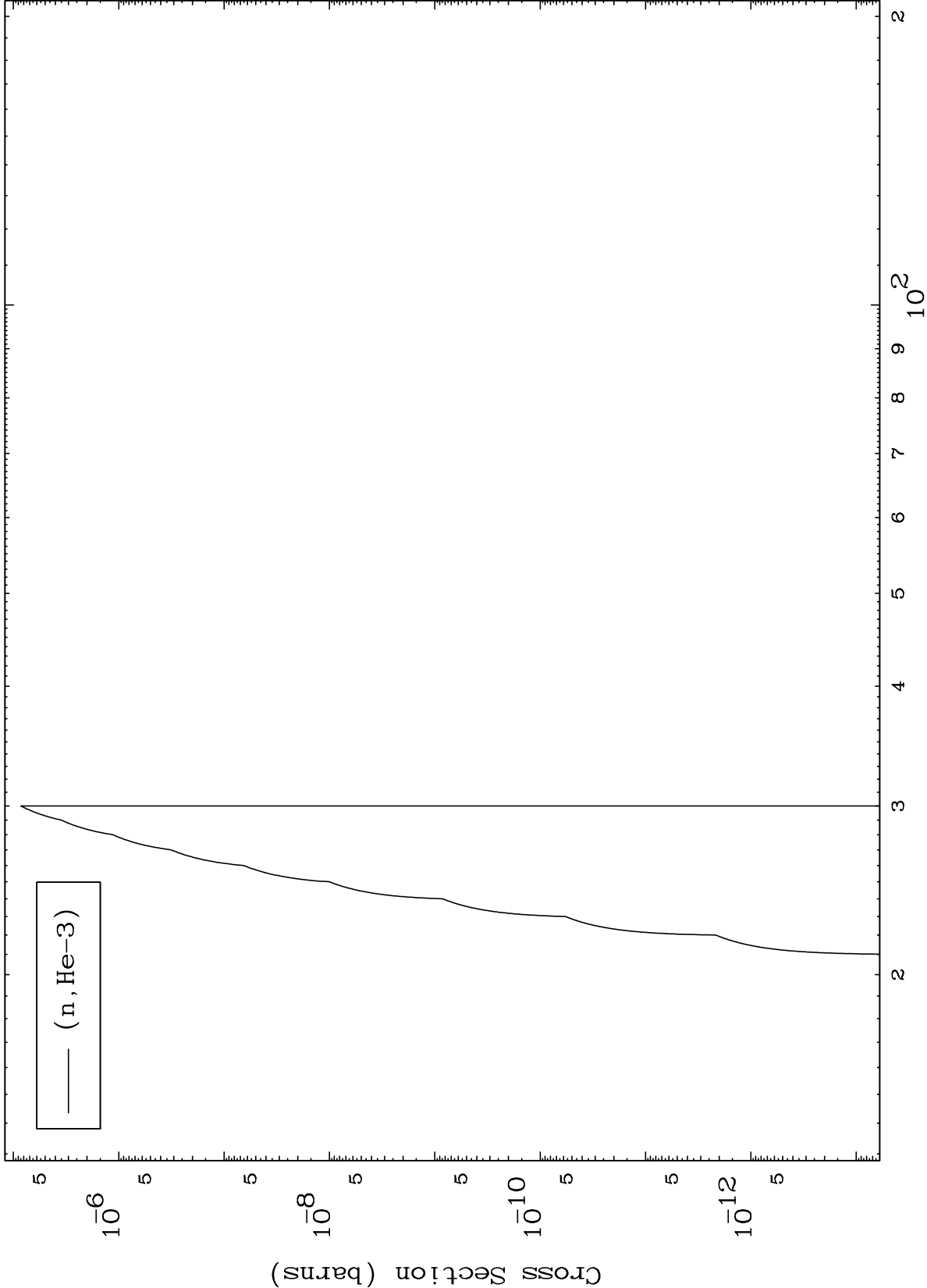
54-Xe-139



12

Incident Energy (MeV)

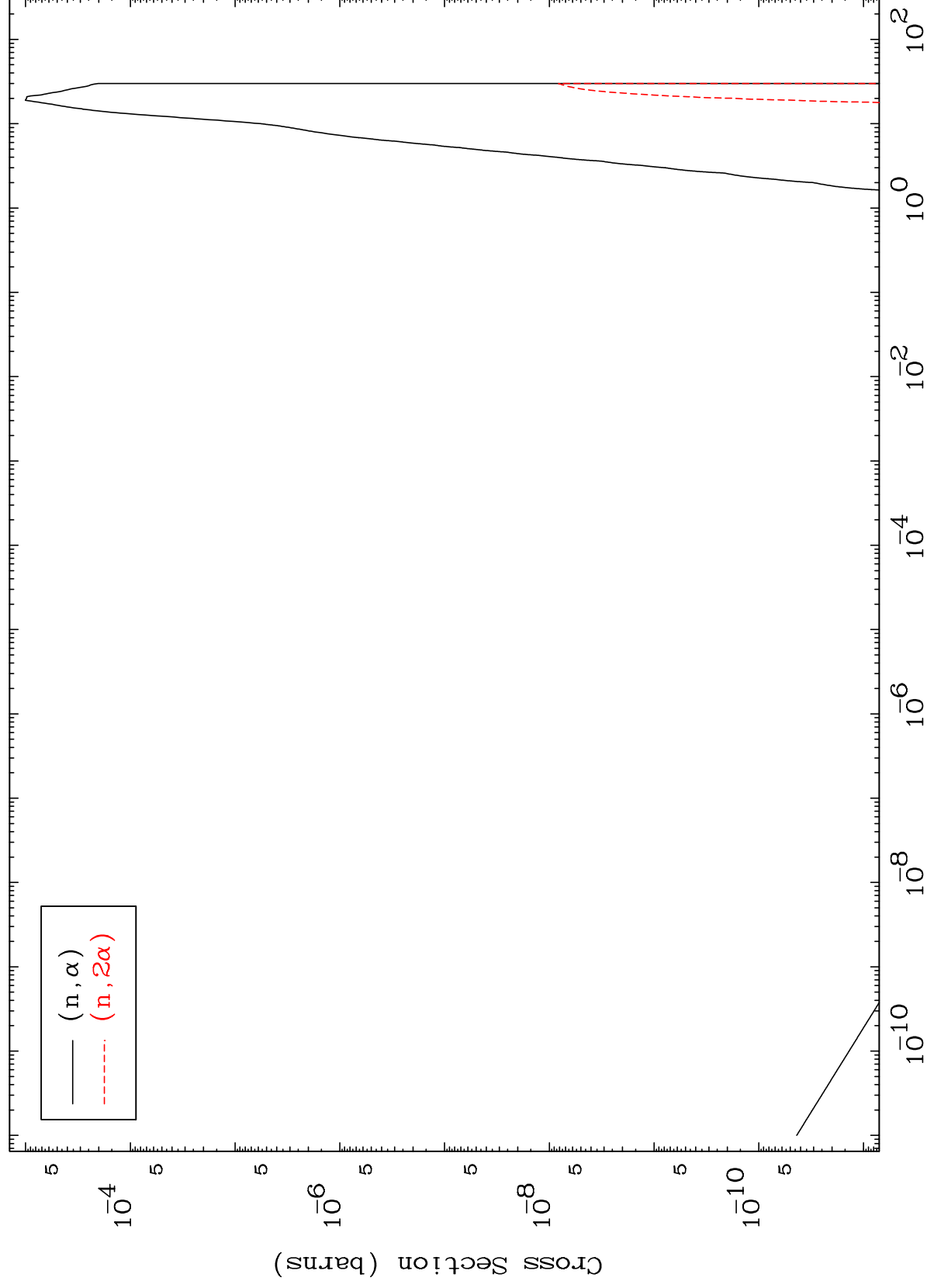
54-Xe-139



MAT 5470

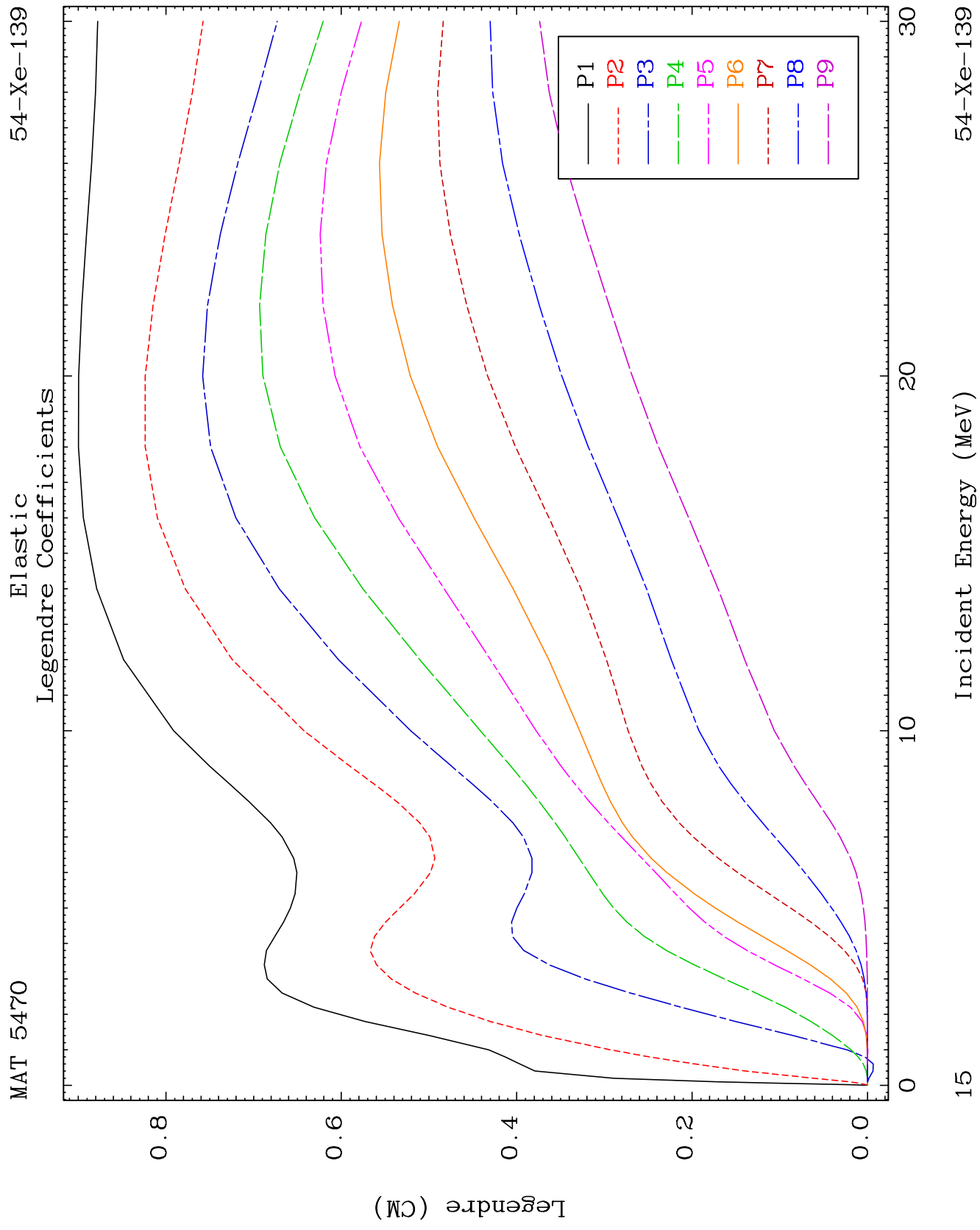
(n, α) Levels
293 Kelvin Cross Sections

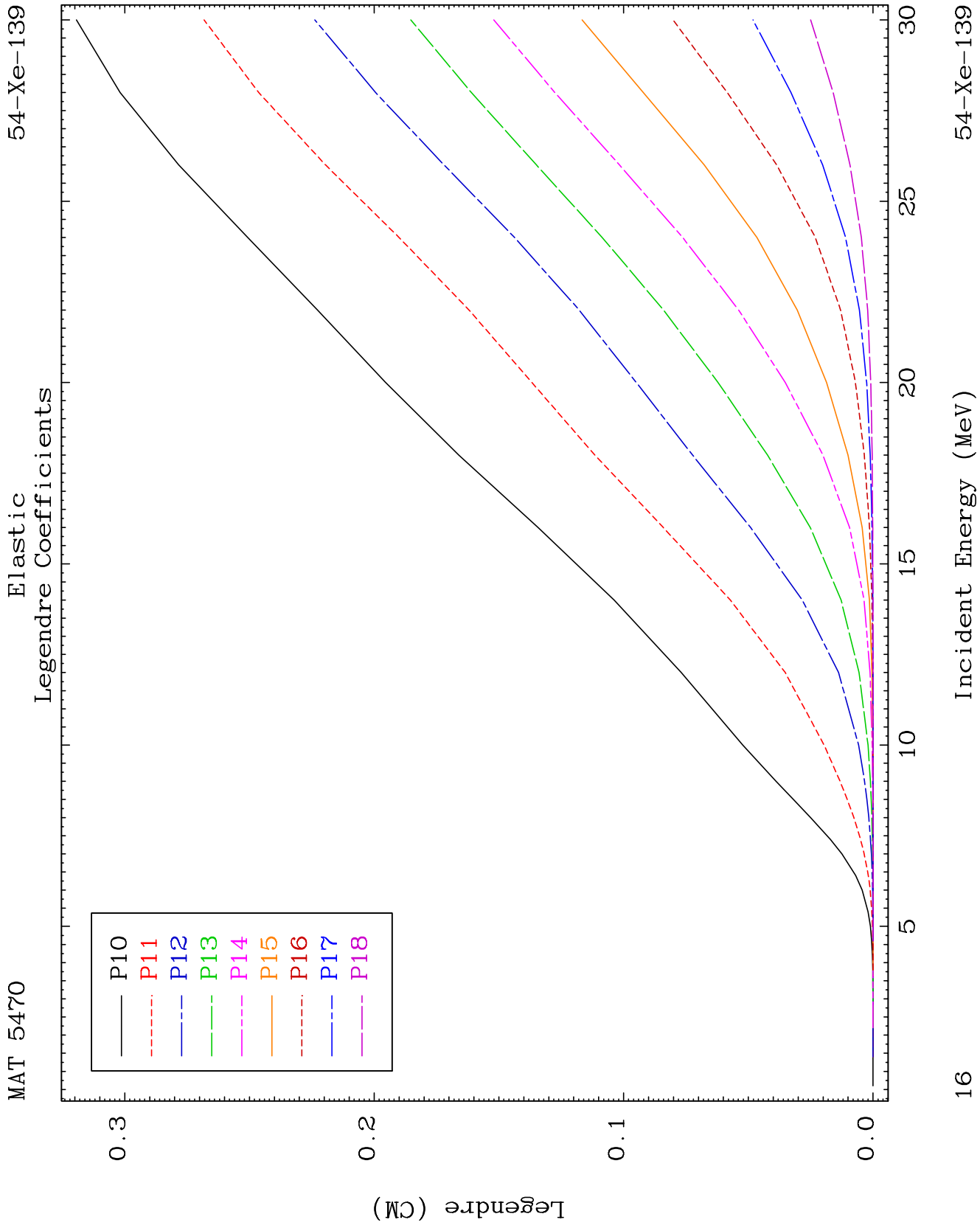
54-Xe-139

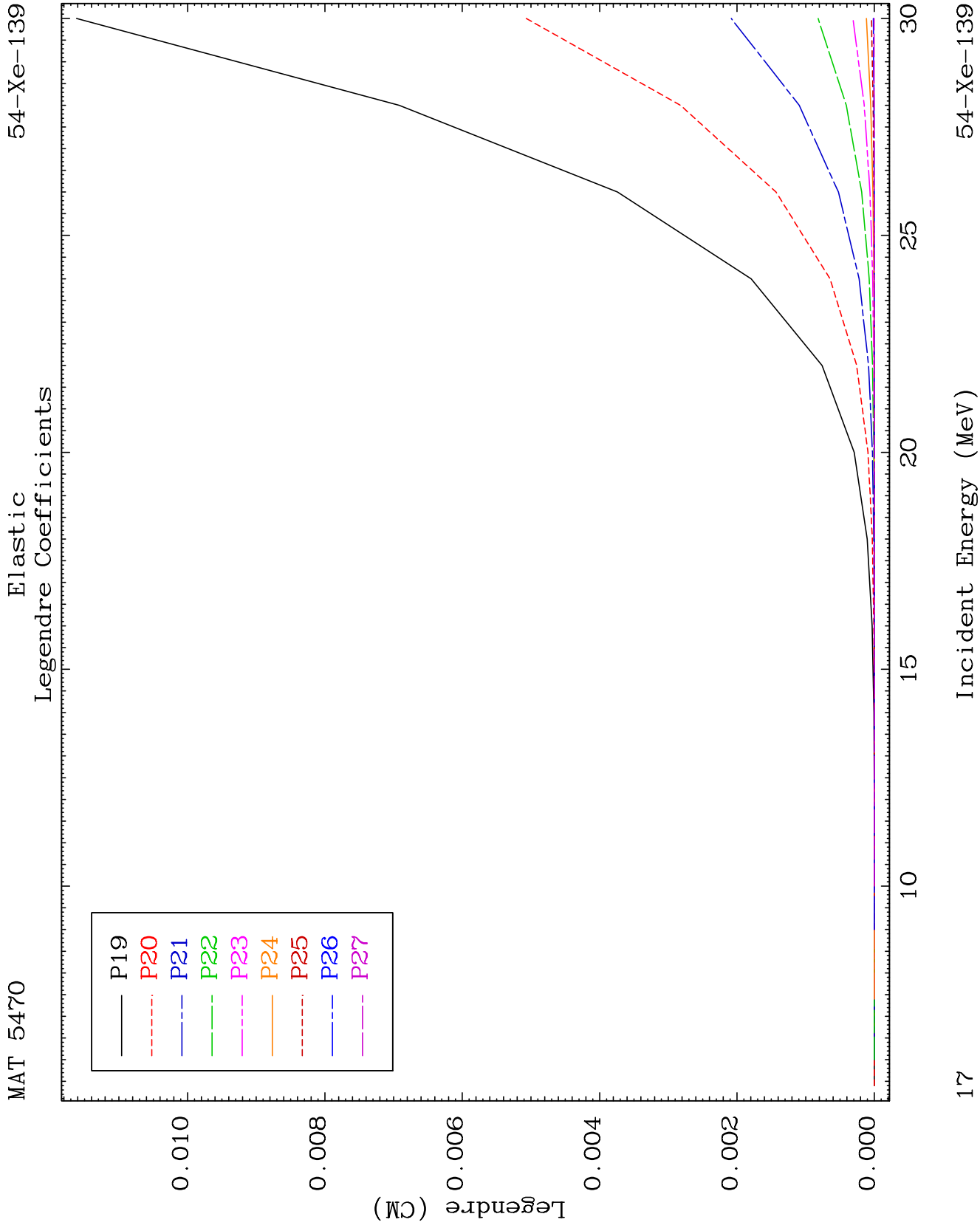


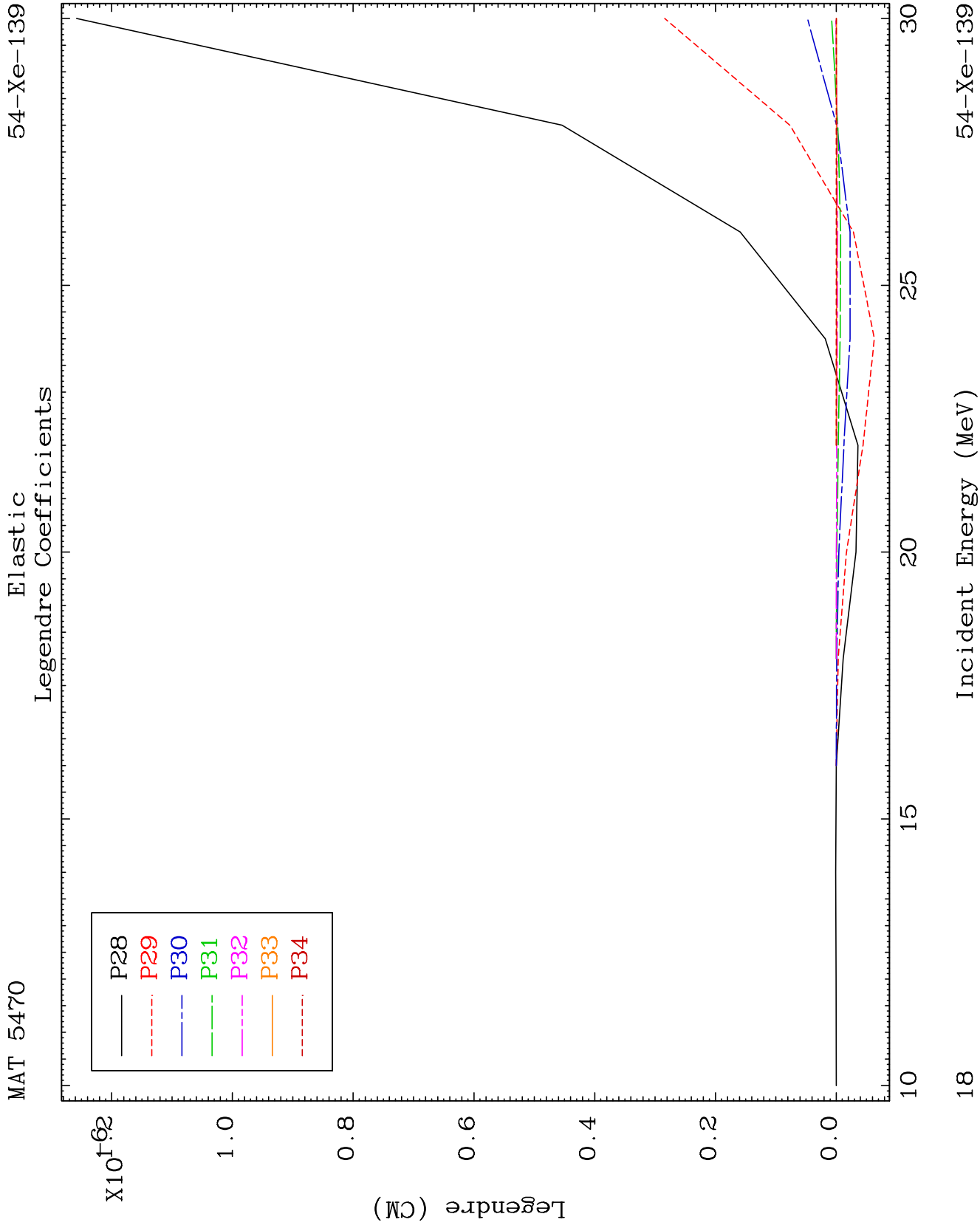
14

54-Xe-139





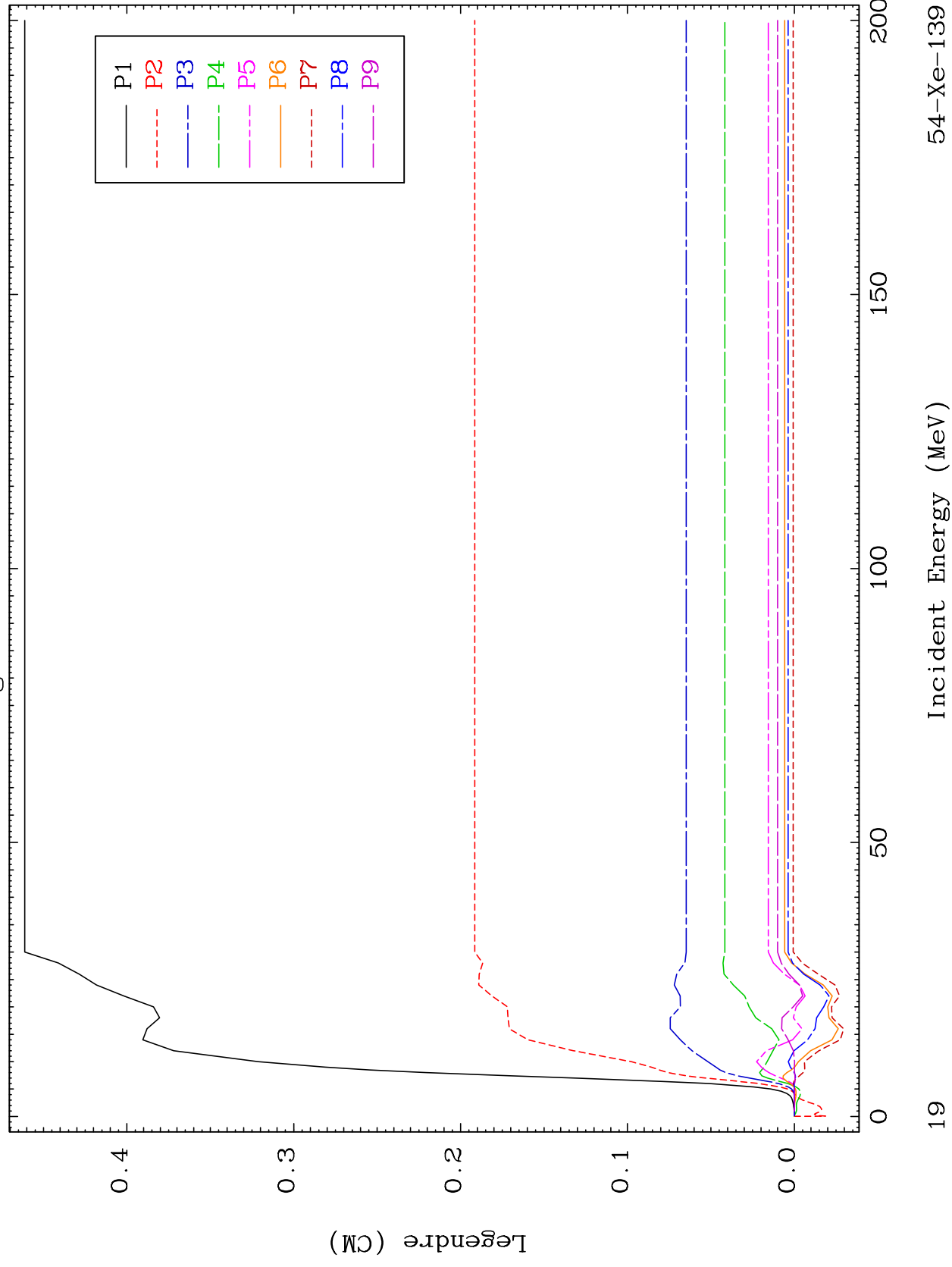




MAT 5470

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

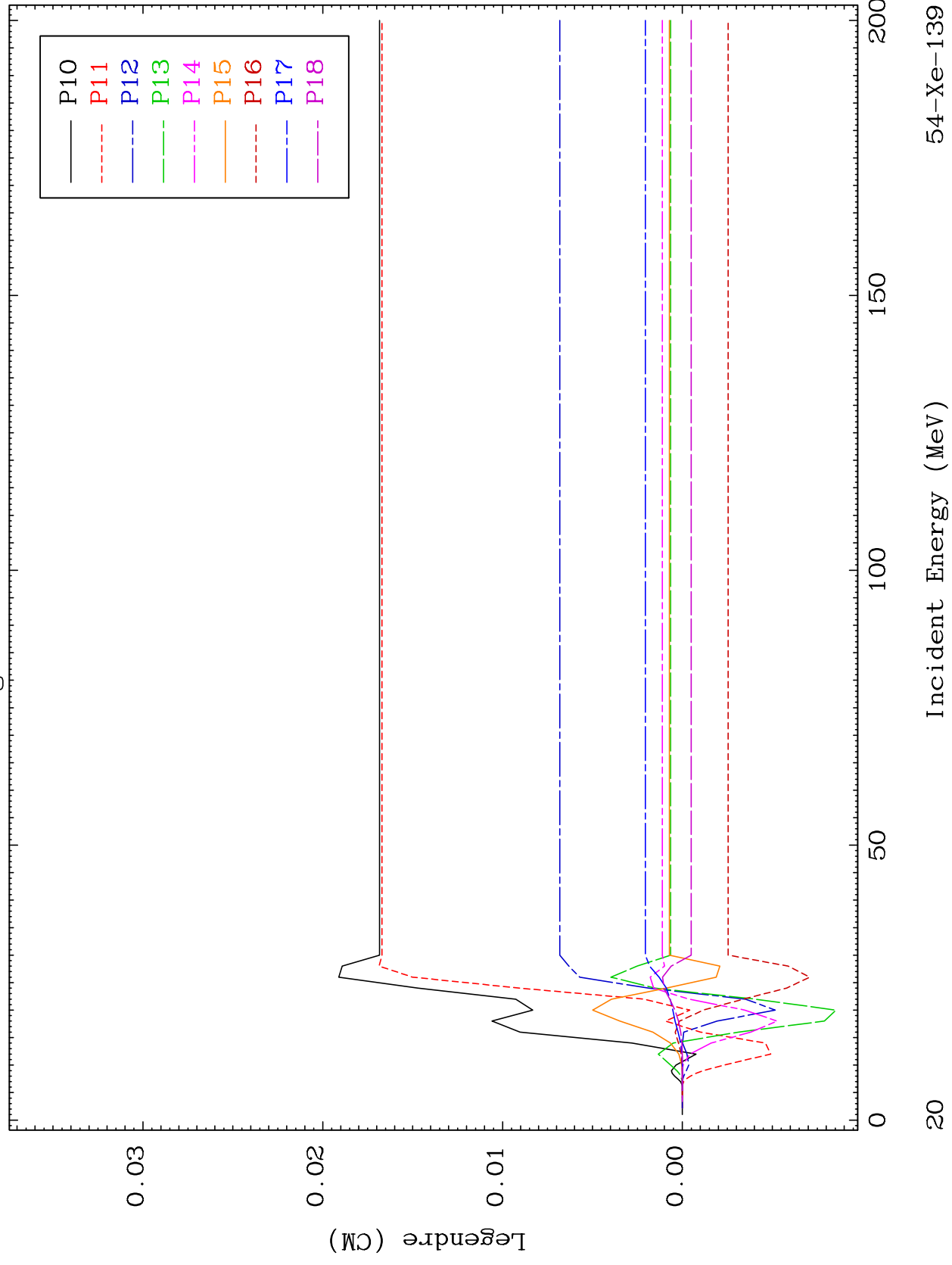
54-Xe-139

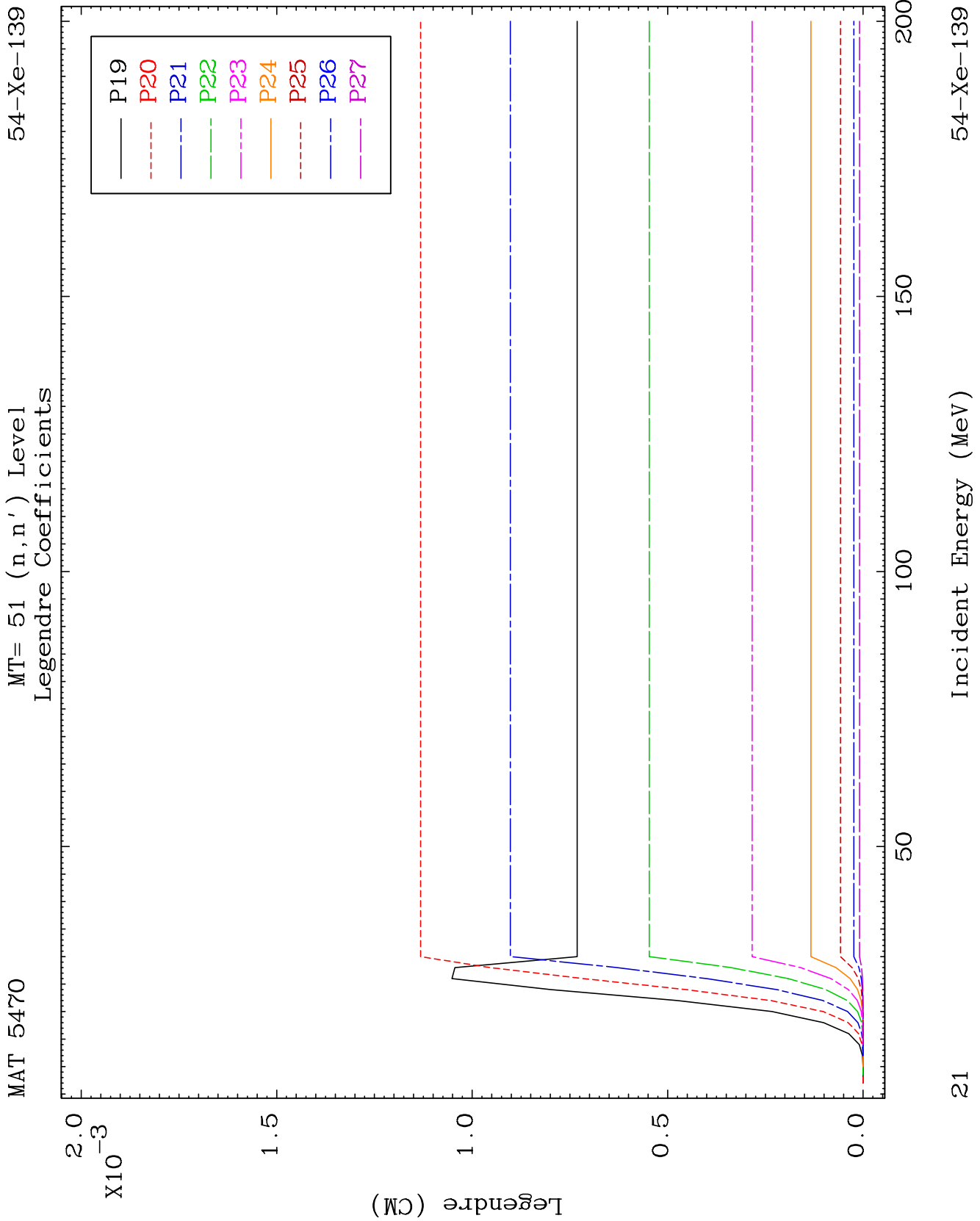


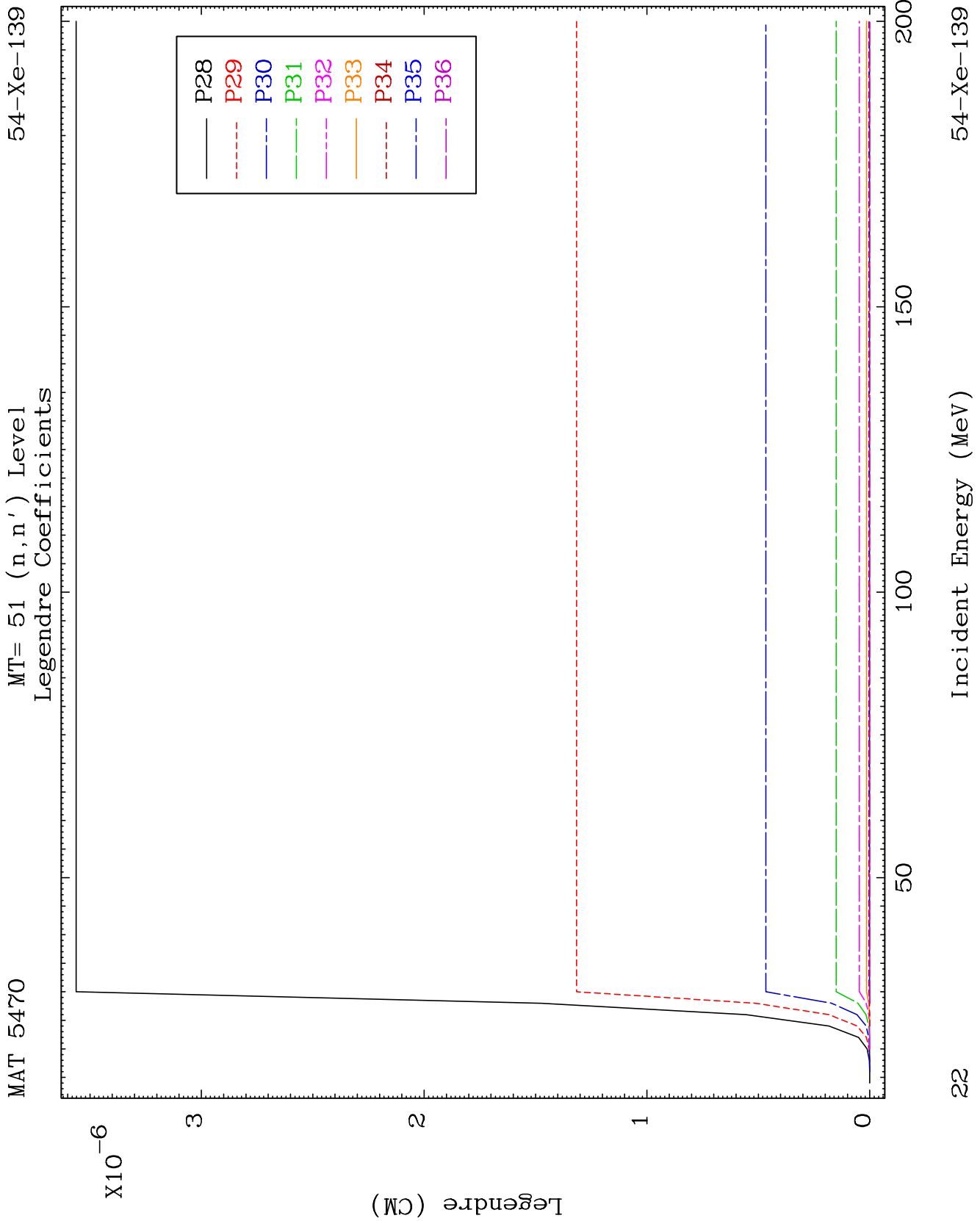
MAT 5470

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

54-Xe-139



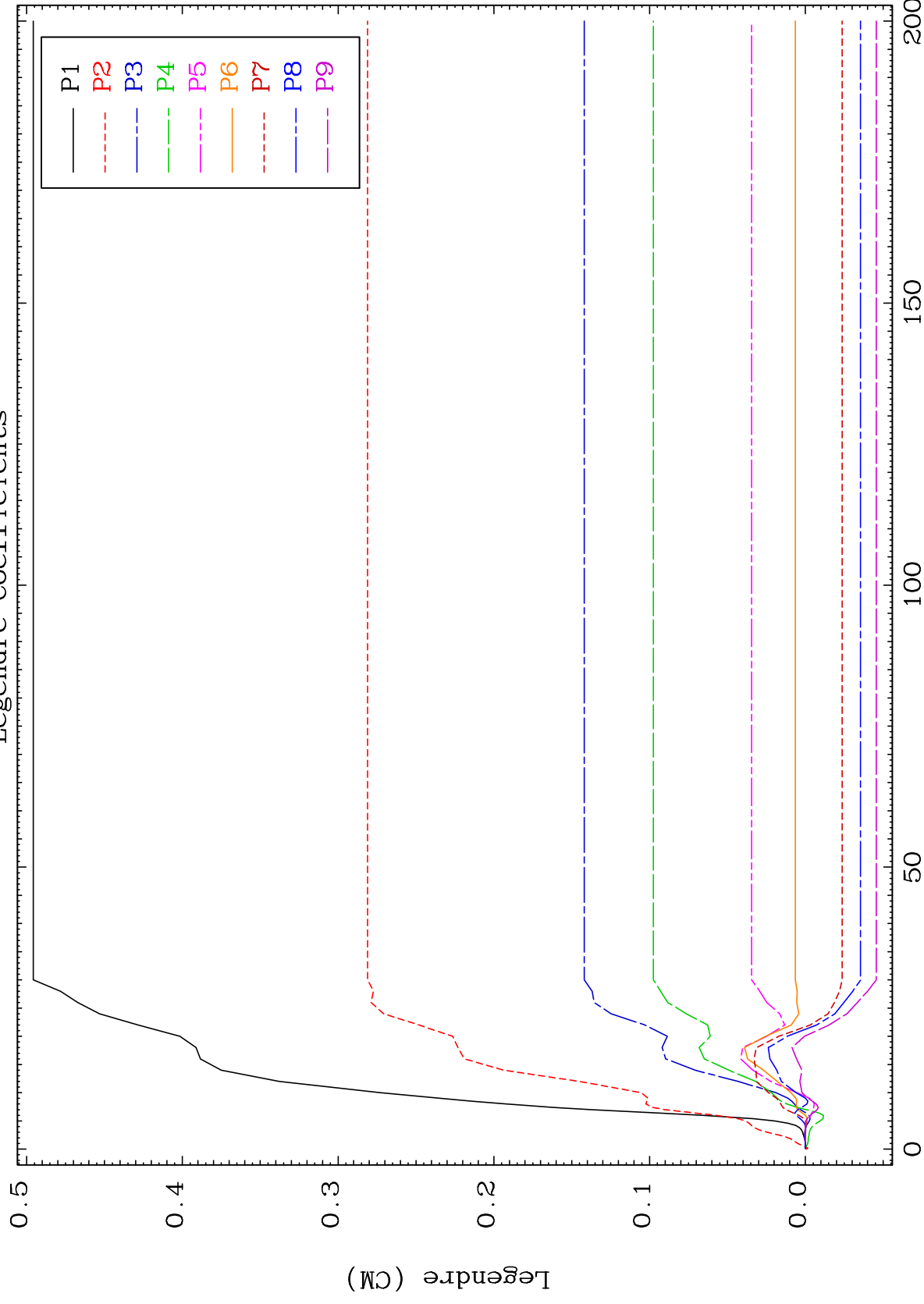




MAT 5470

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

54-Xe-139



32

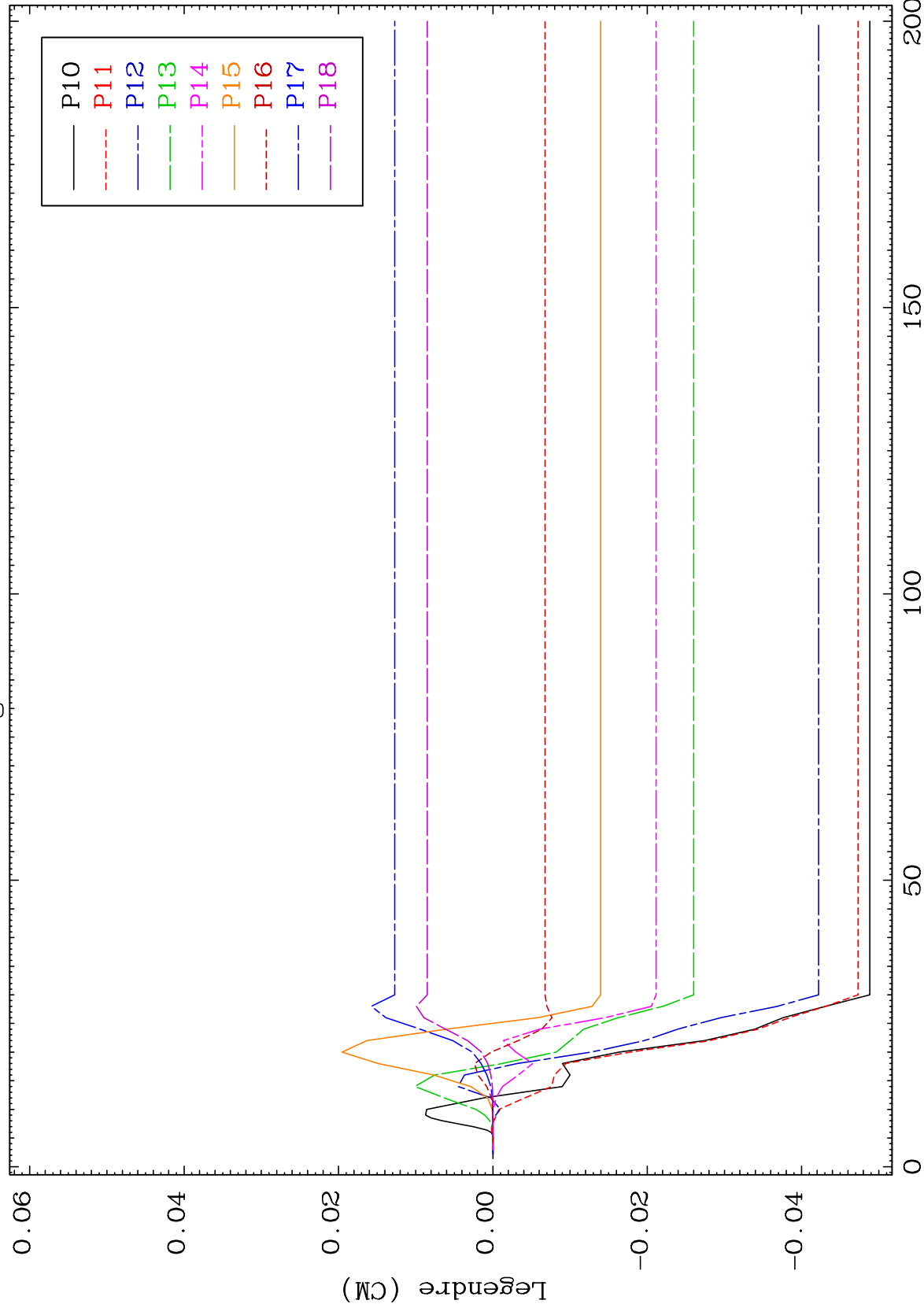
Incident Energy (MeV)

54-Xe-139

MAT 5470

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

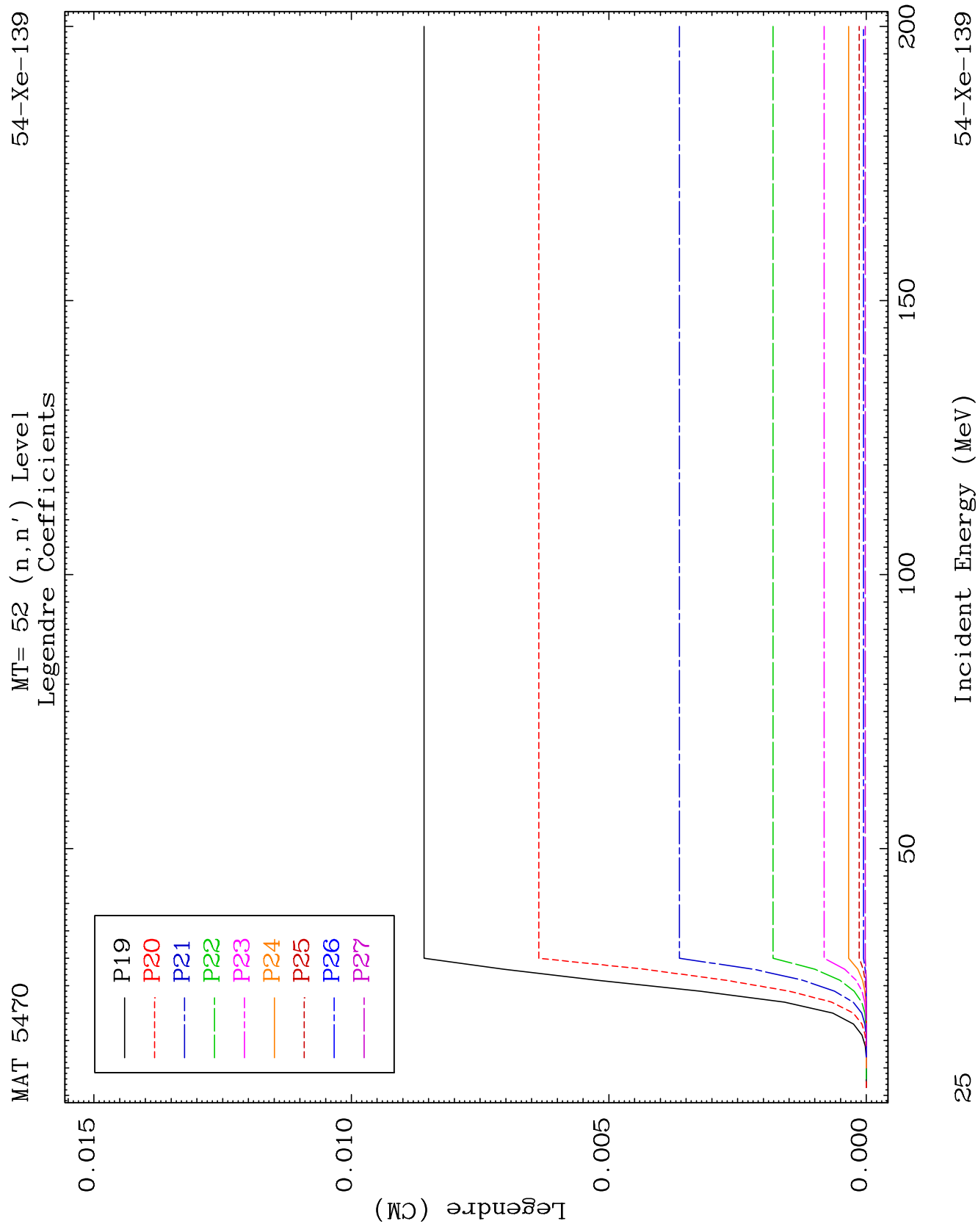
54-Xe-139

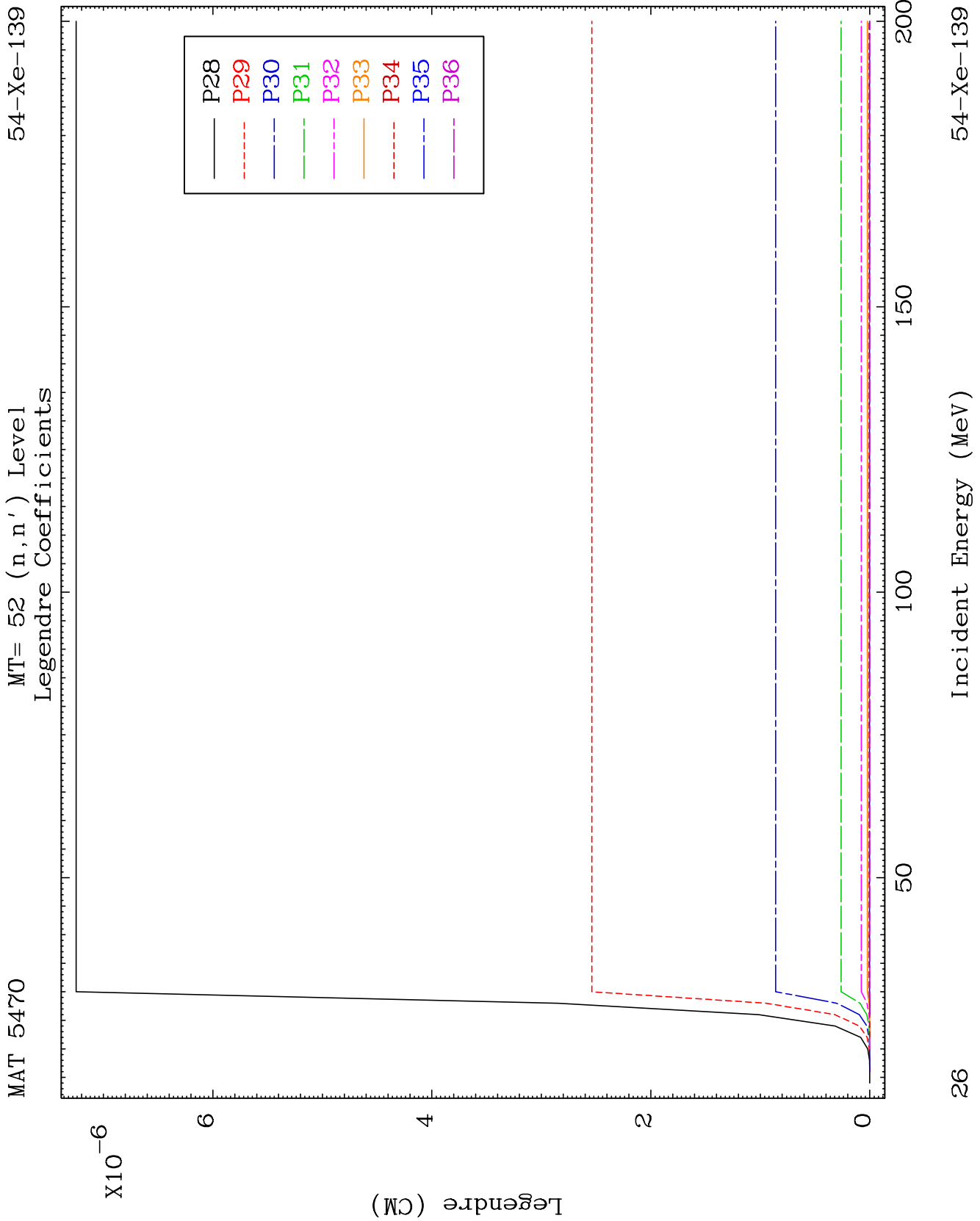


24

Incident Energy (MeV)

54-Xe-139

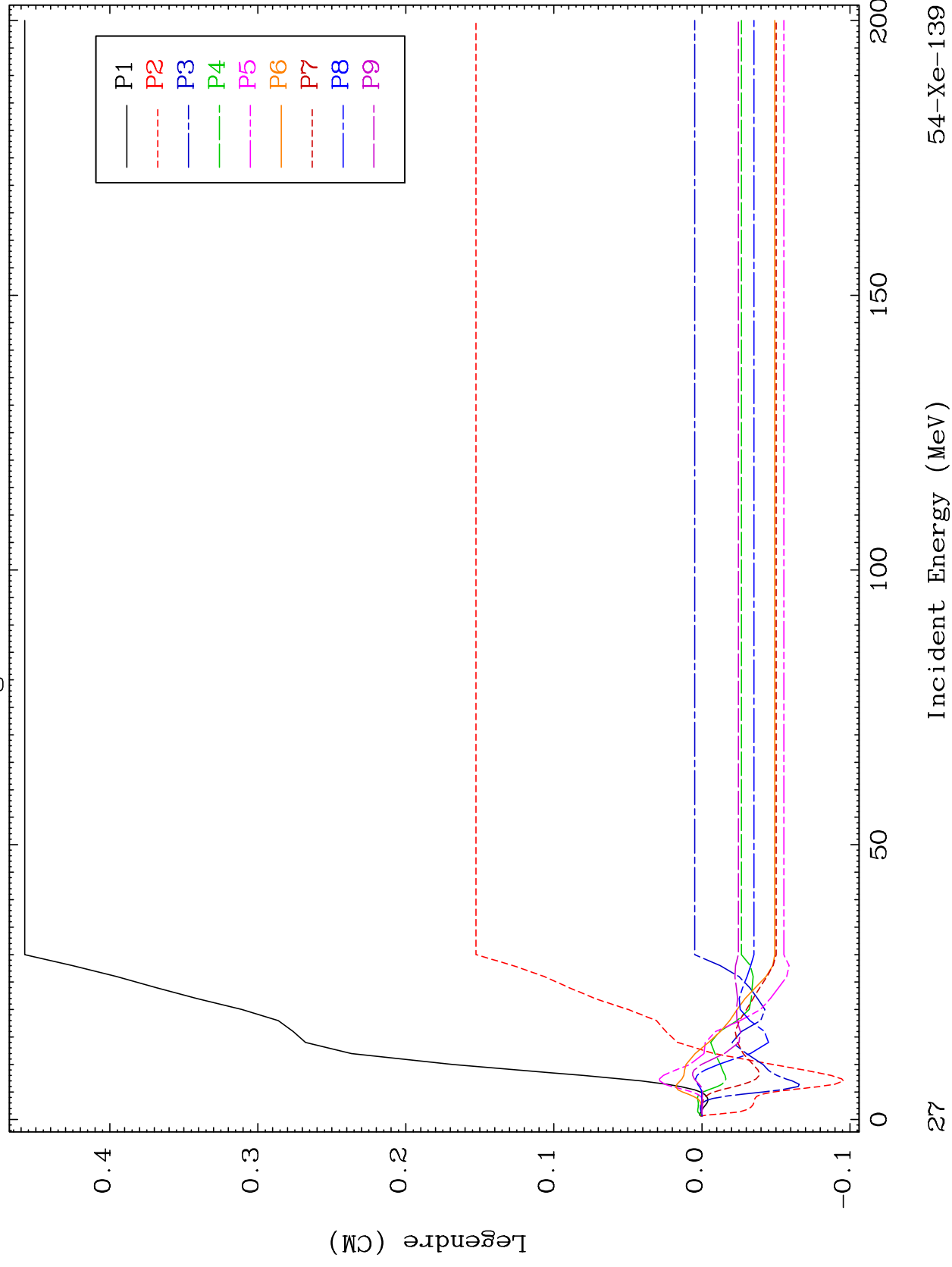




MAT 5470

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

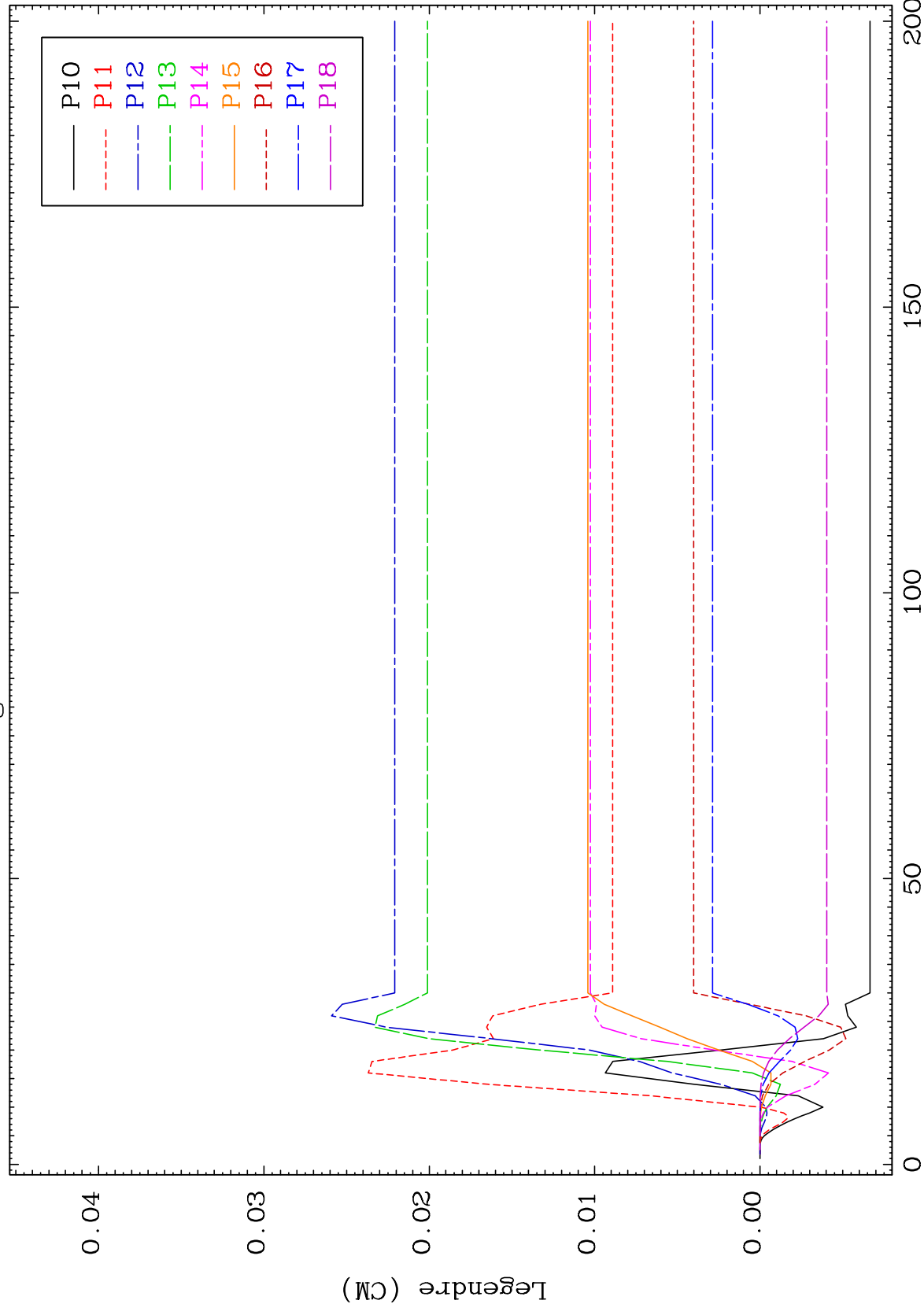
54-Xe-139



MAT 5470

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

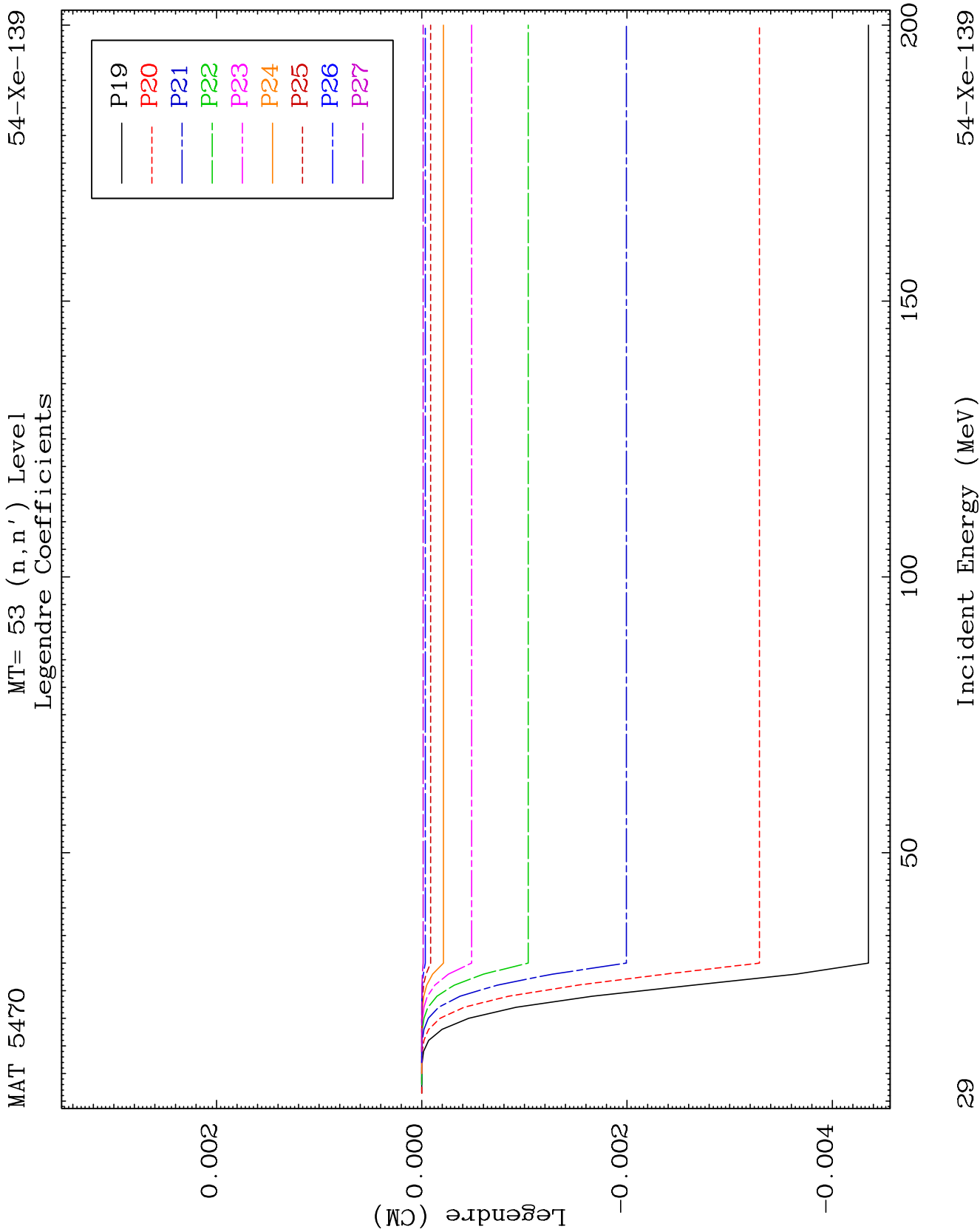
54-Xe-139

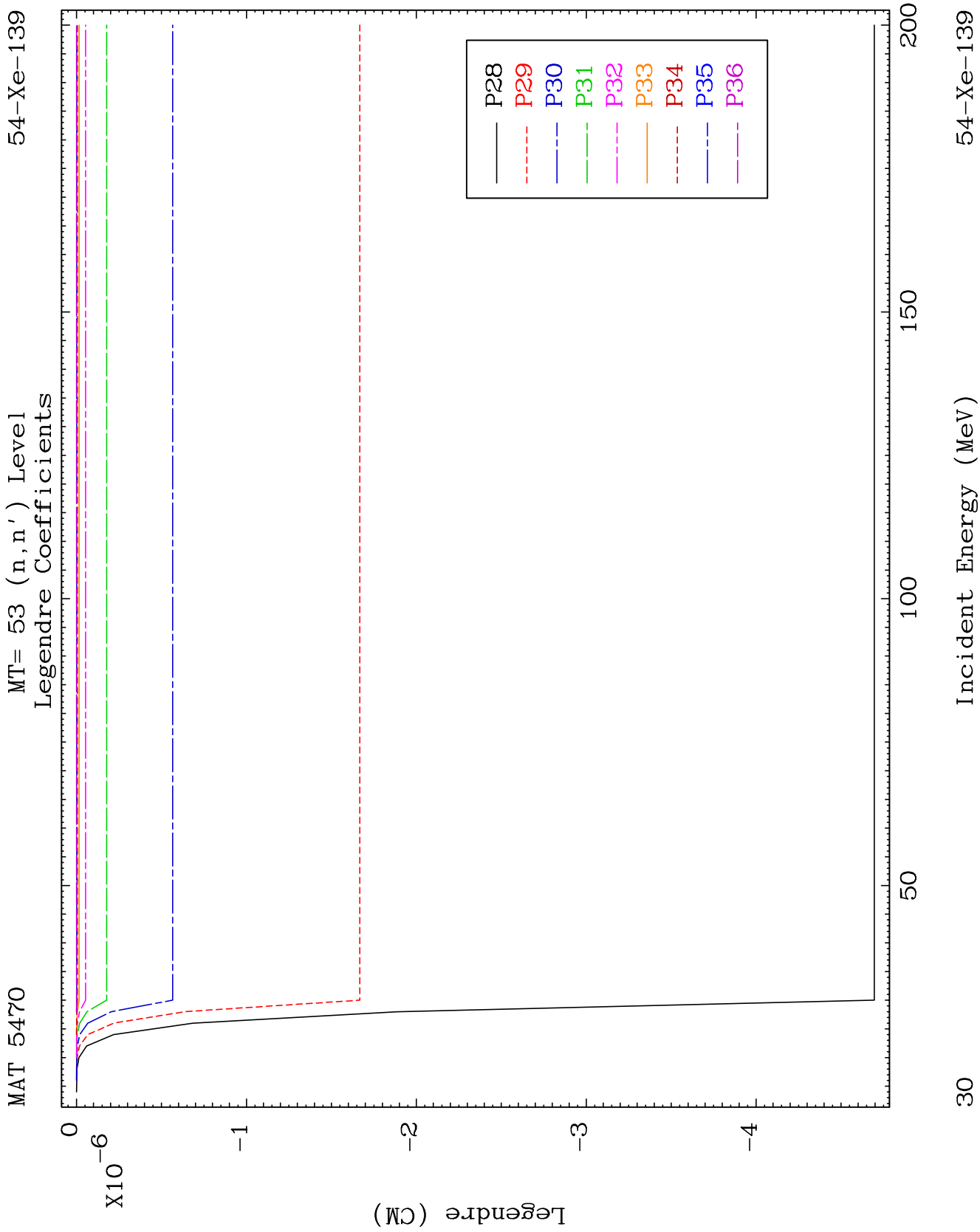


28

Incident Energy (MeV)

54-Xe-139

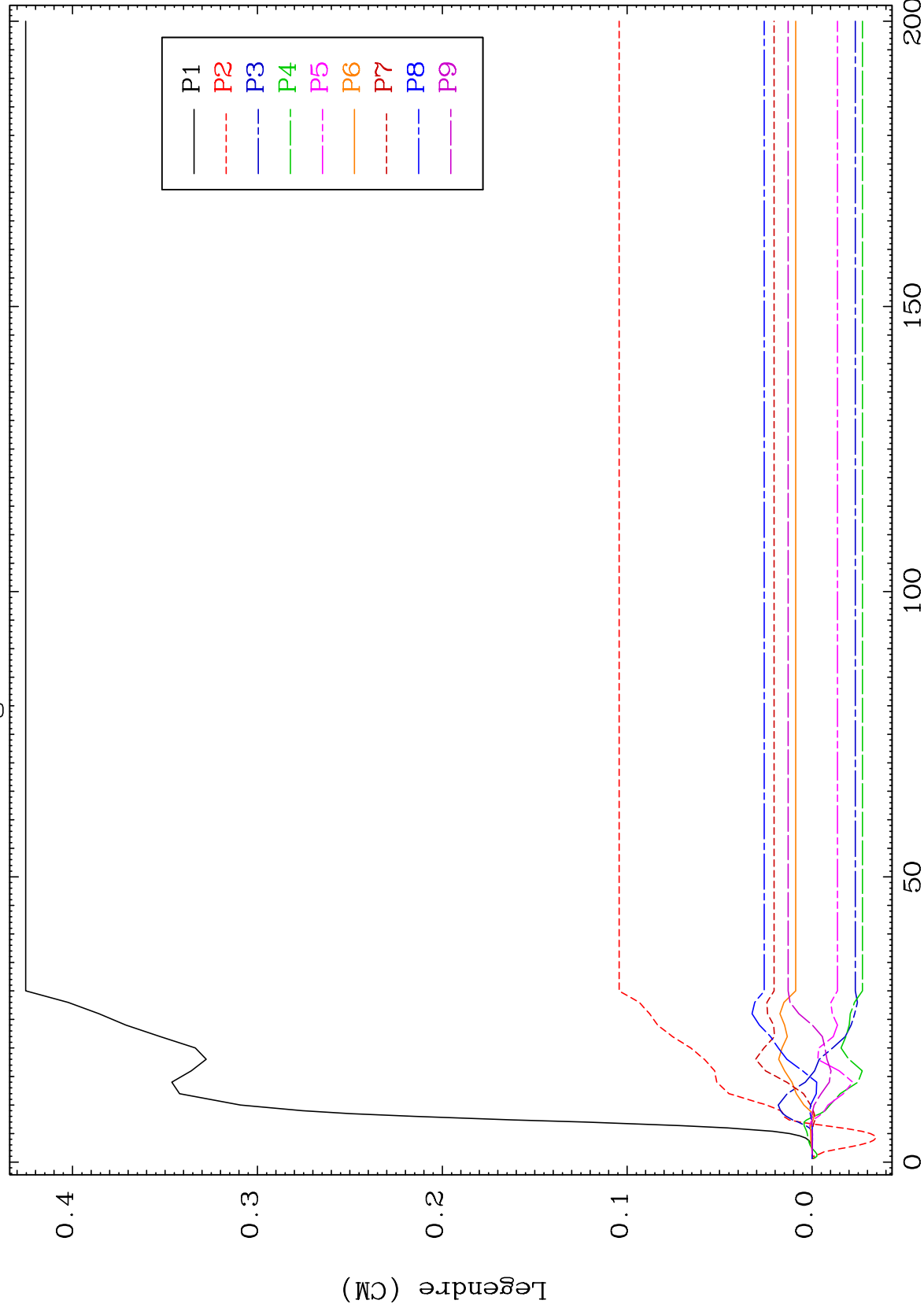




MAT 5470

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

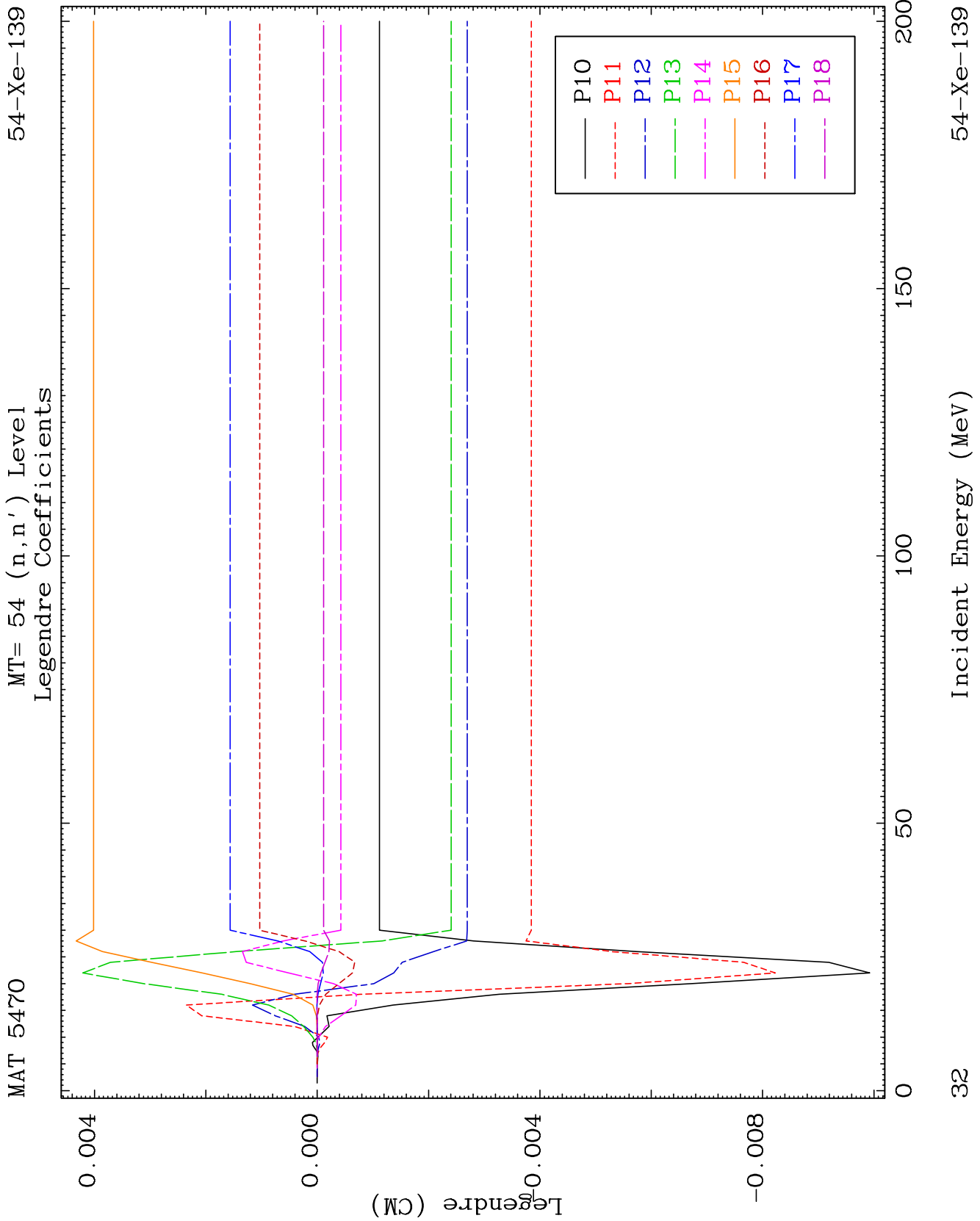
54-Xe-139

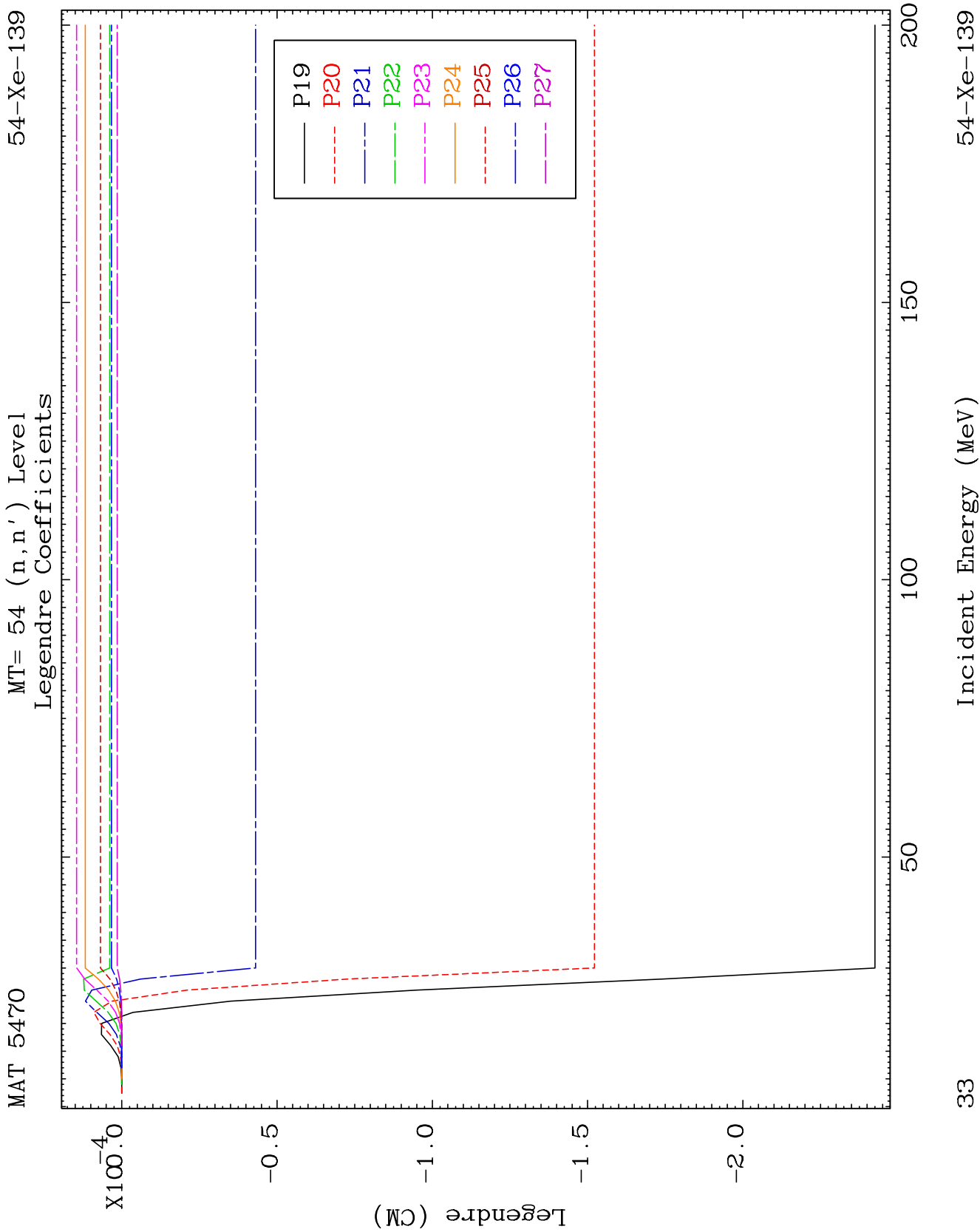


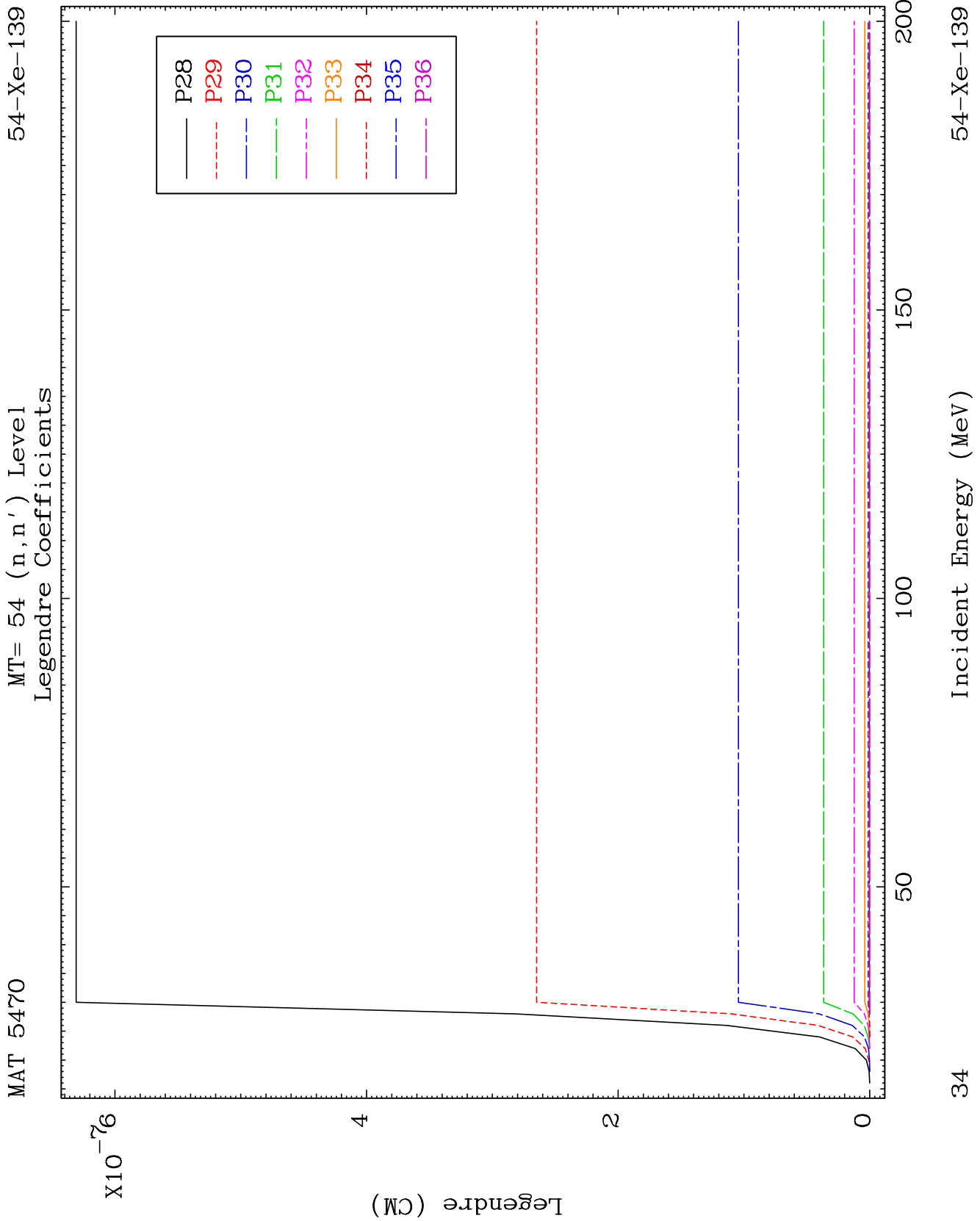
31

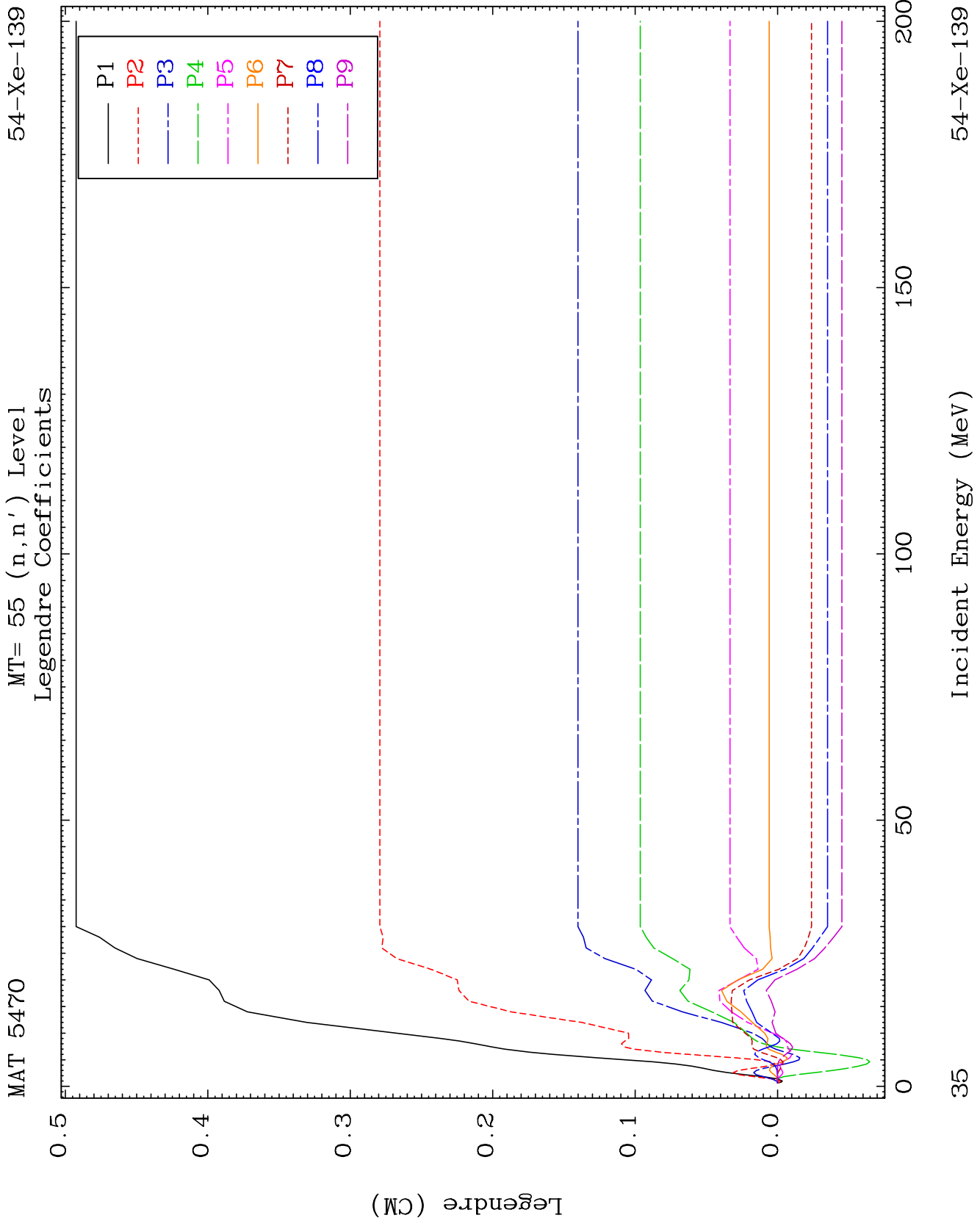
Incident Energy (MeV)

54-Xe-139





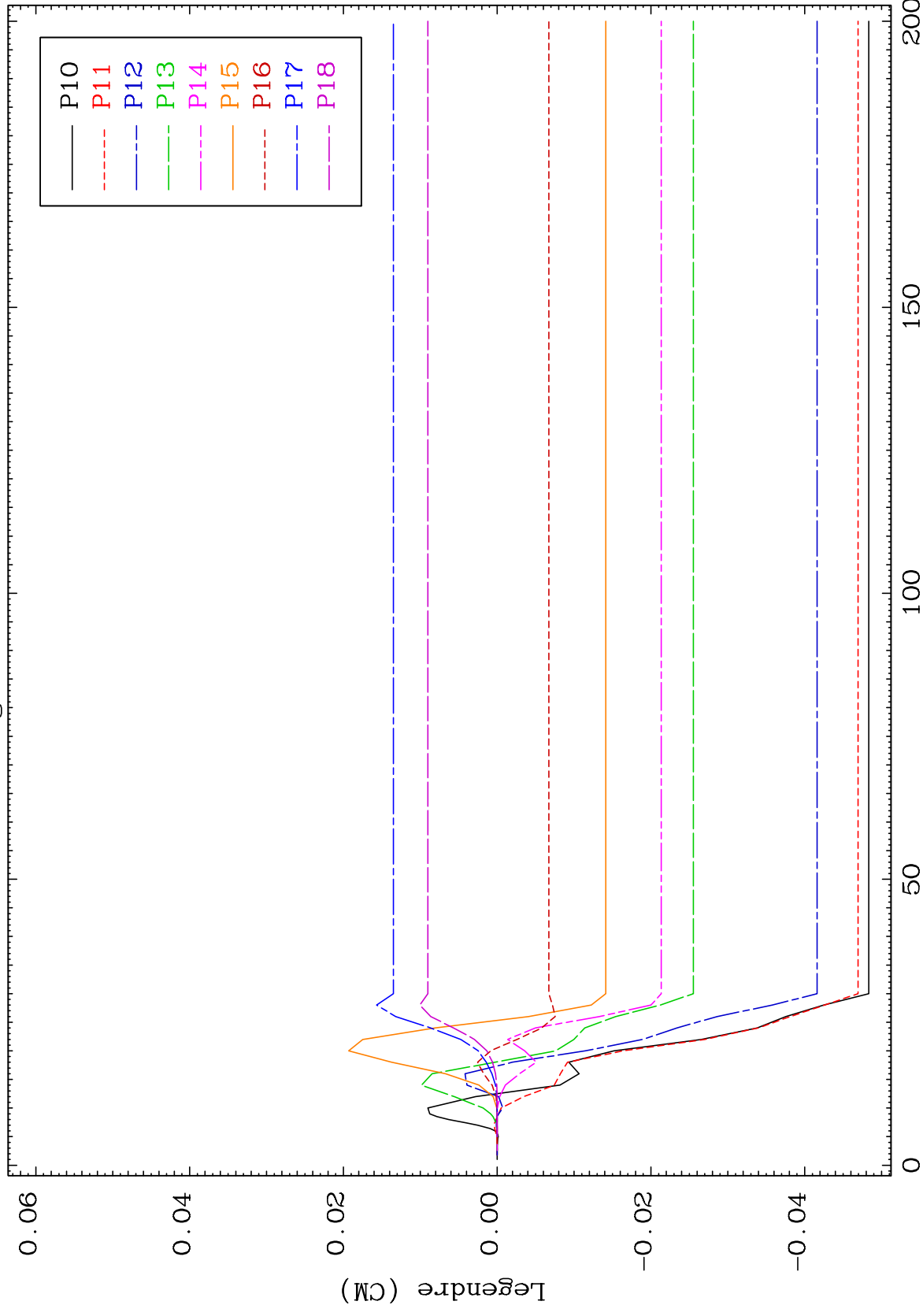




MAT 5470

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

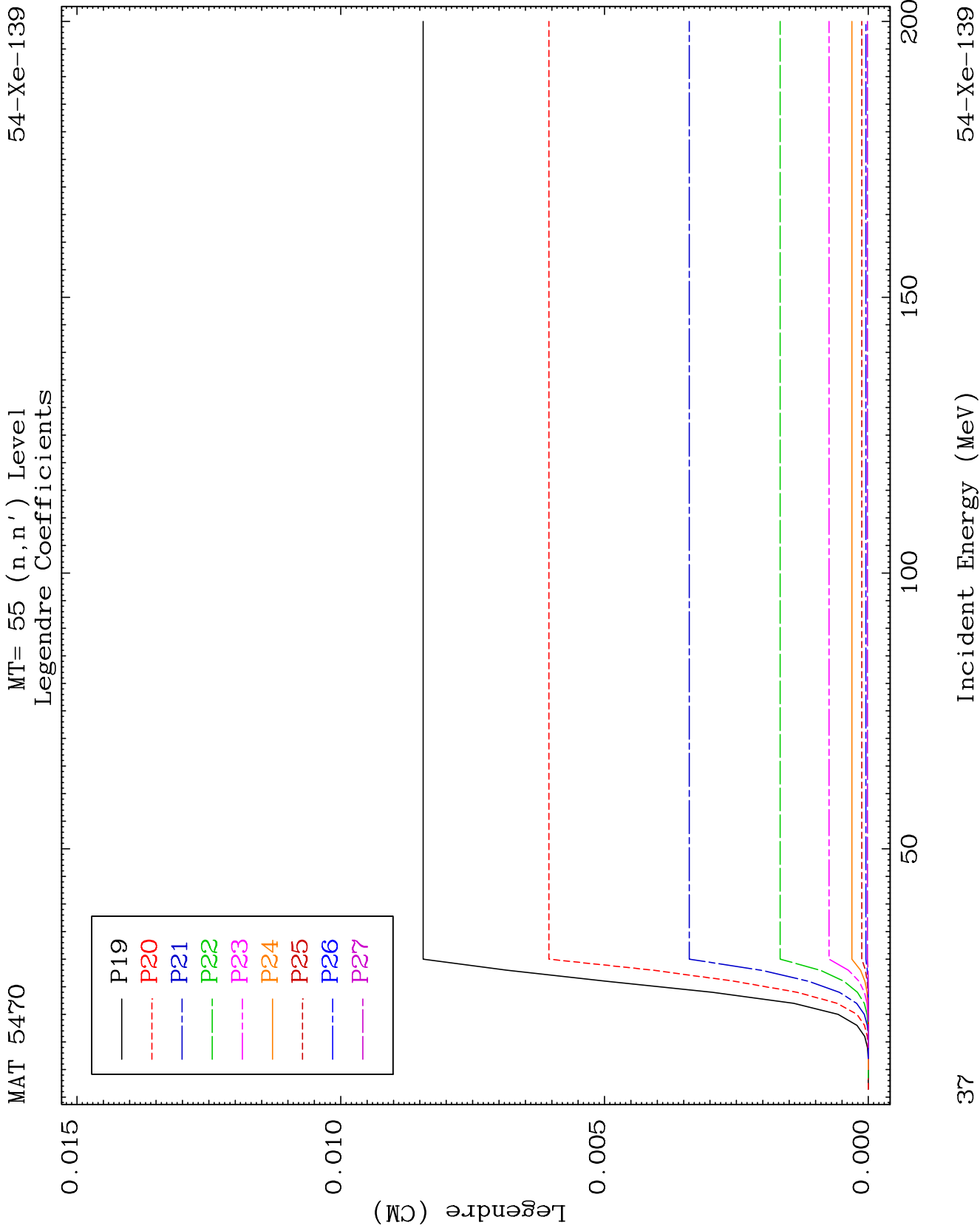
54-Xe-139

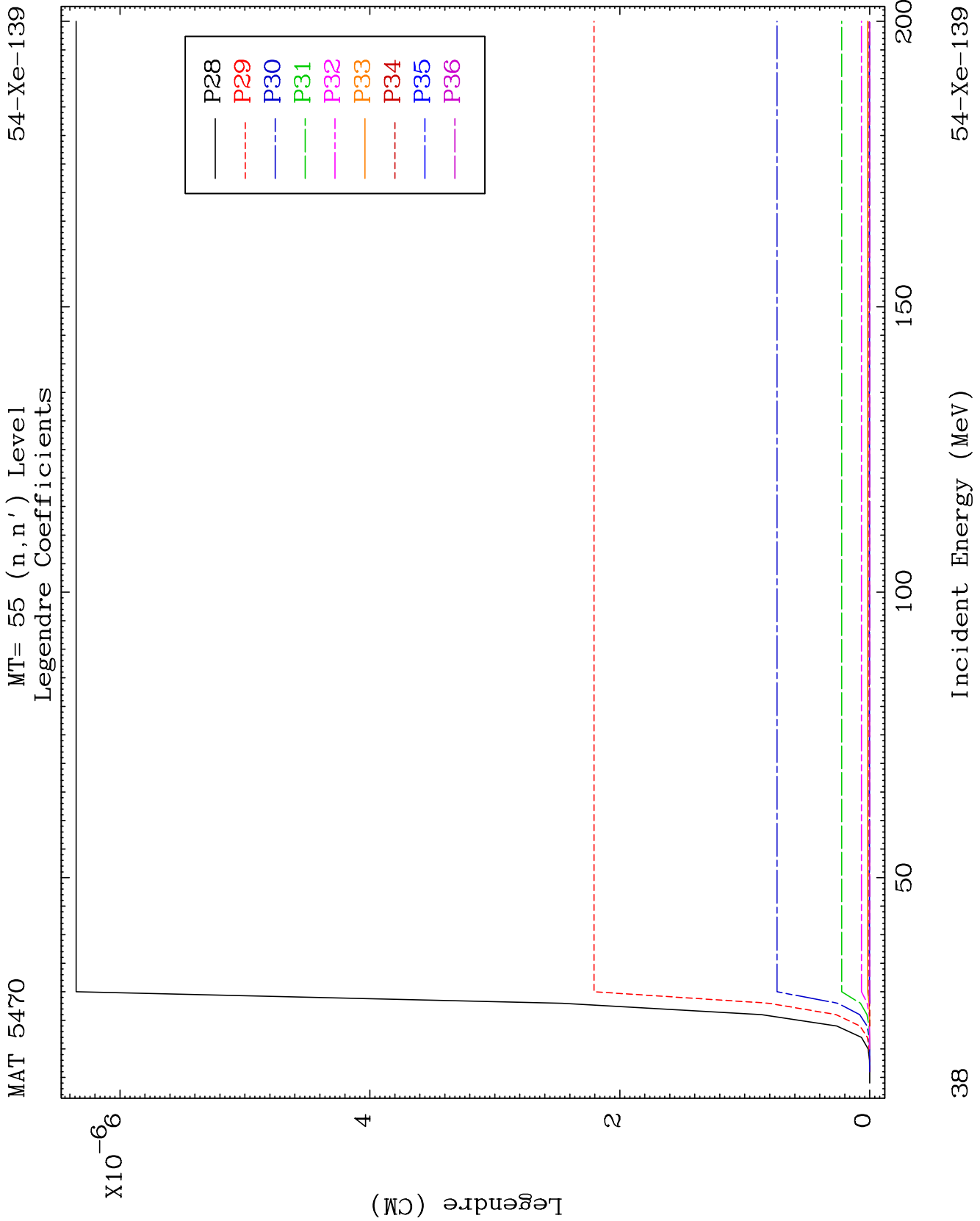


36

Incident Energy (MeV)

54-Xe-139

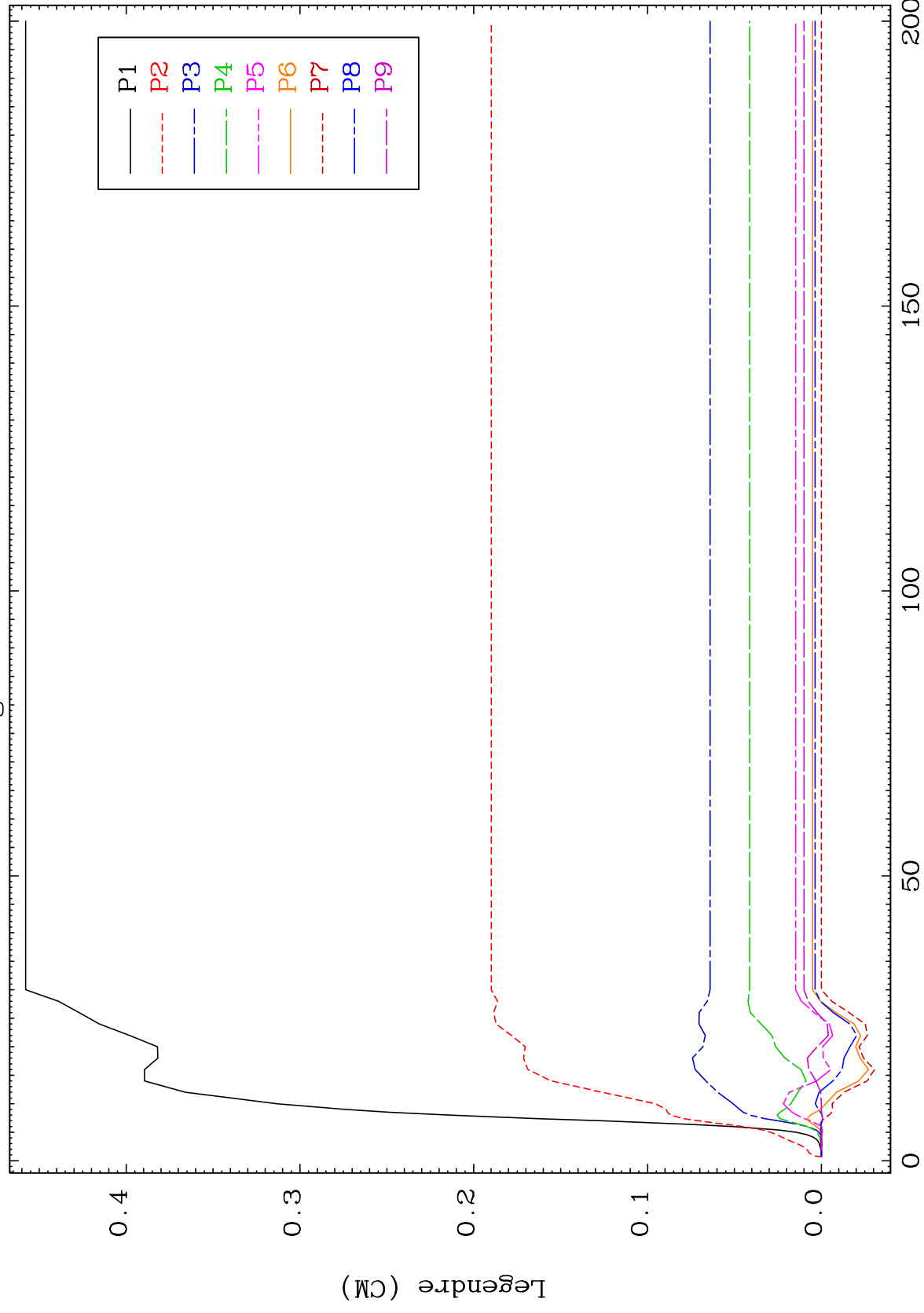




MAT 5470

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

54-Xe-139



39

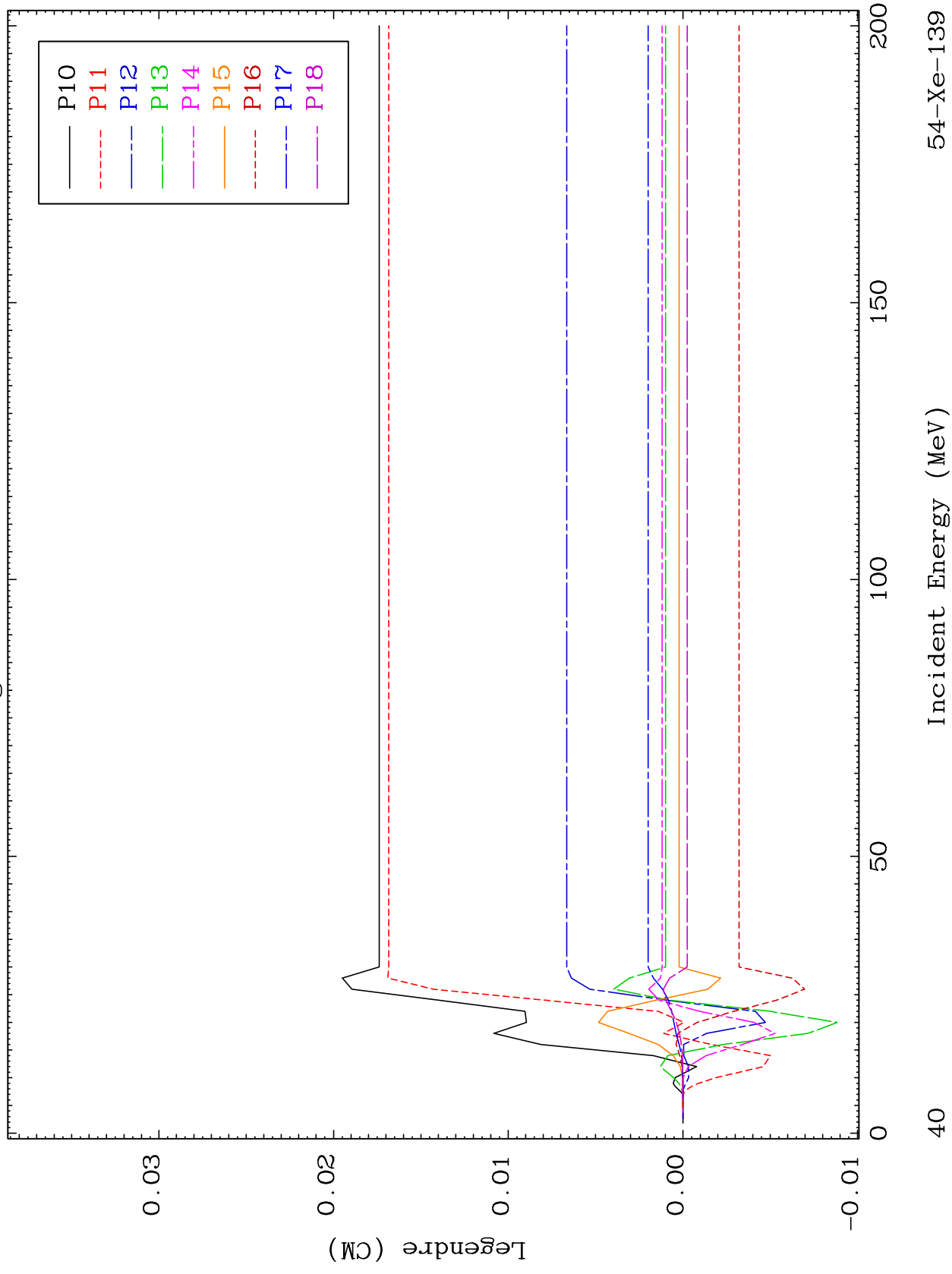
Incident Energy (MeV)

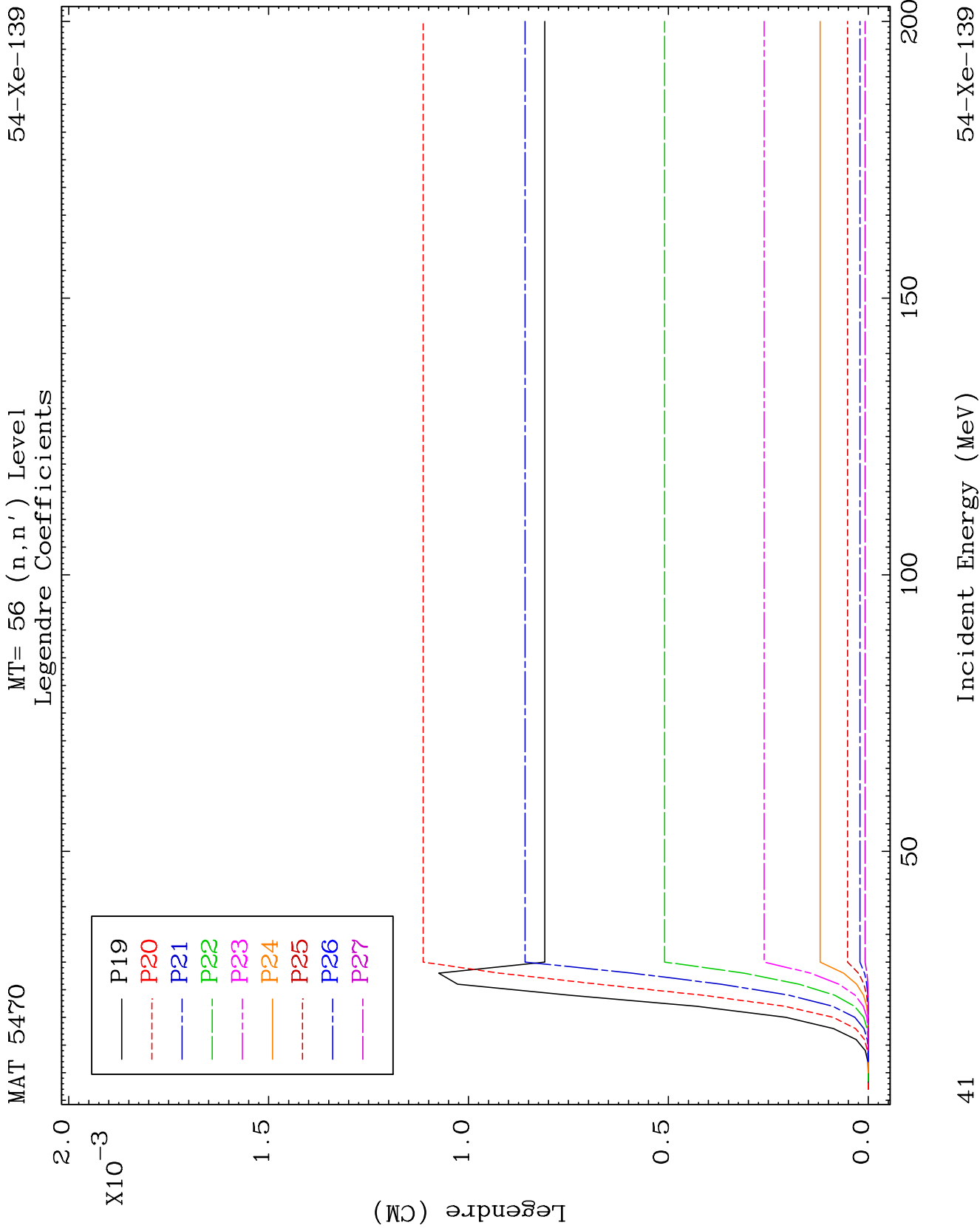
54-Xe-139

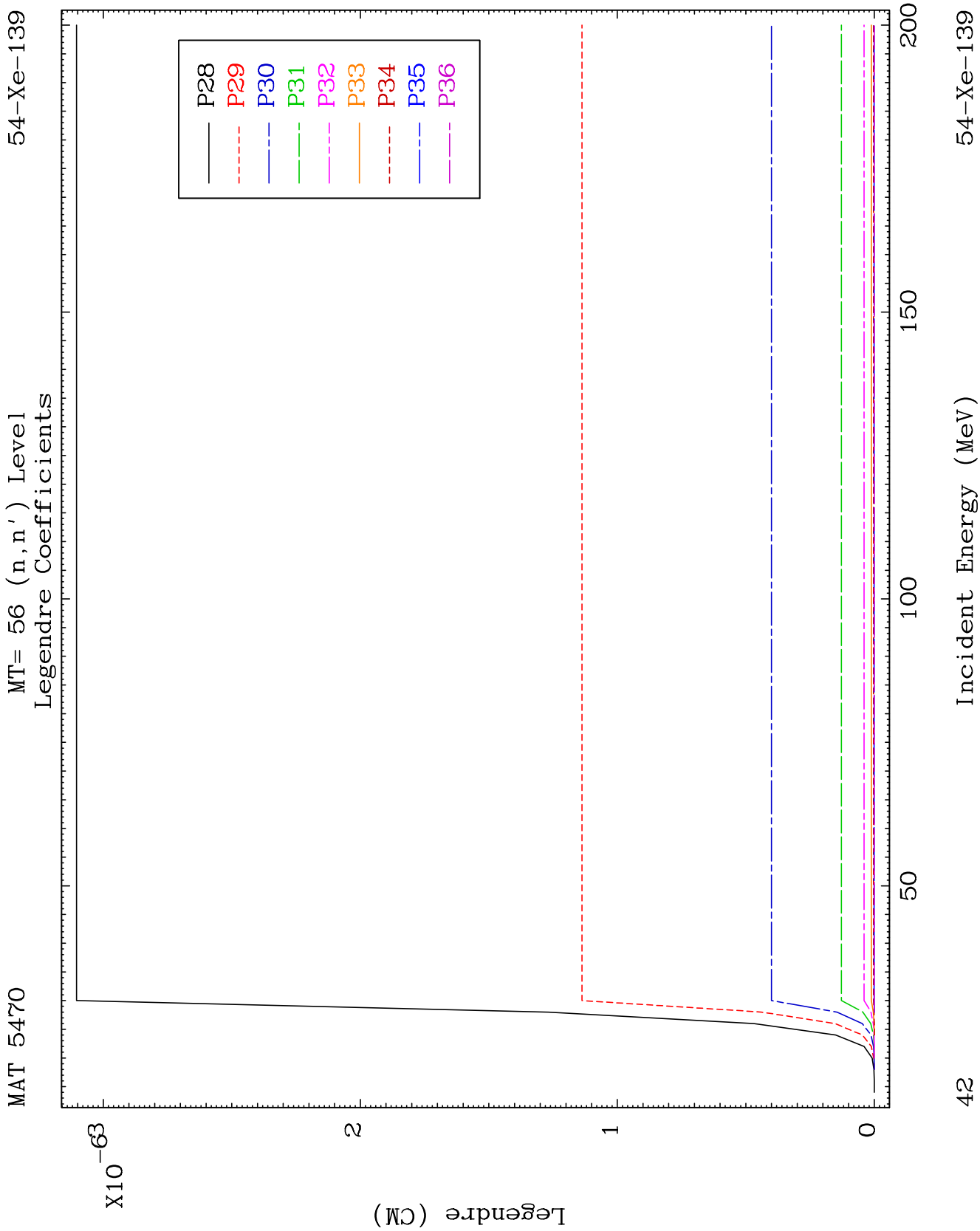
MAT 5470

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

54-Xe-139



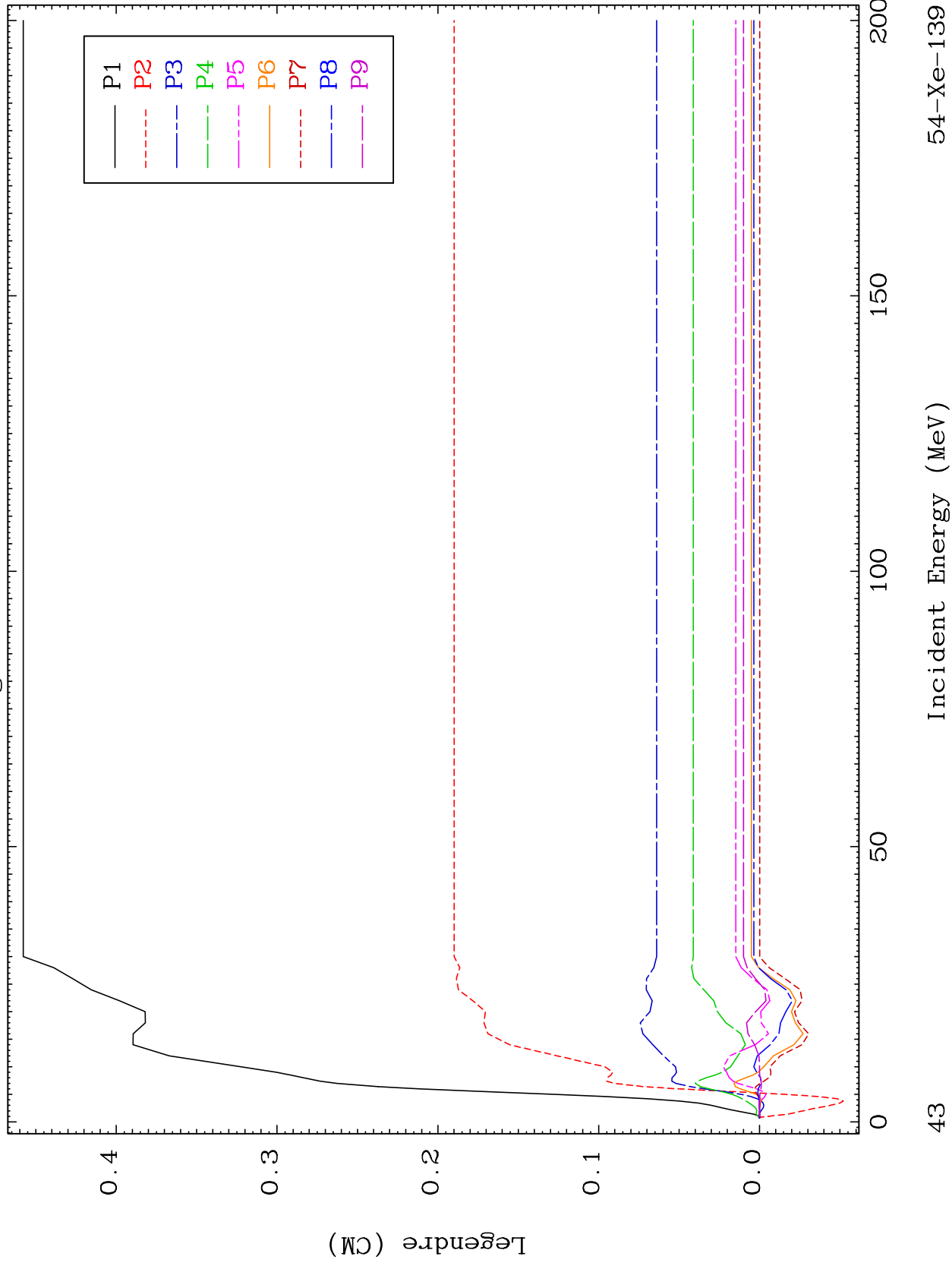




MAT 5470

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

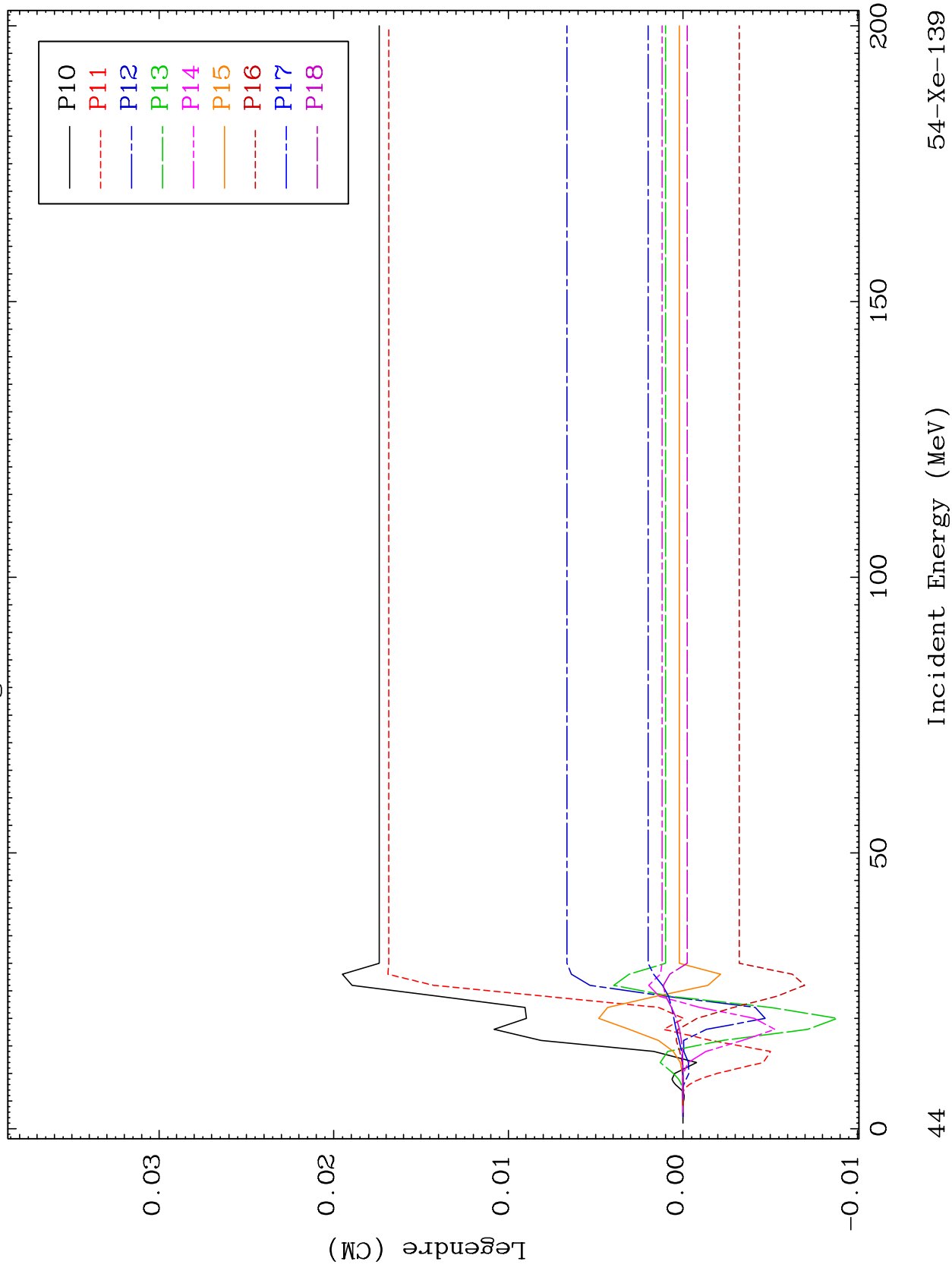
54-Xe-139

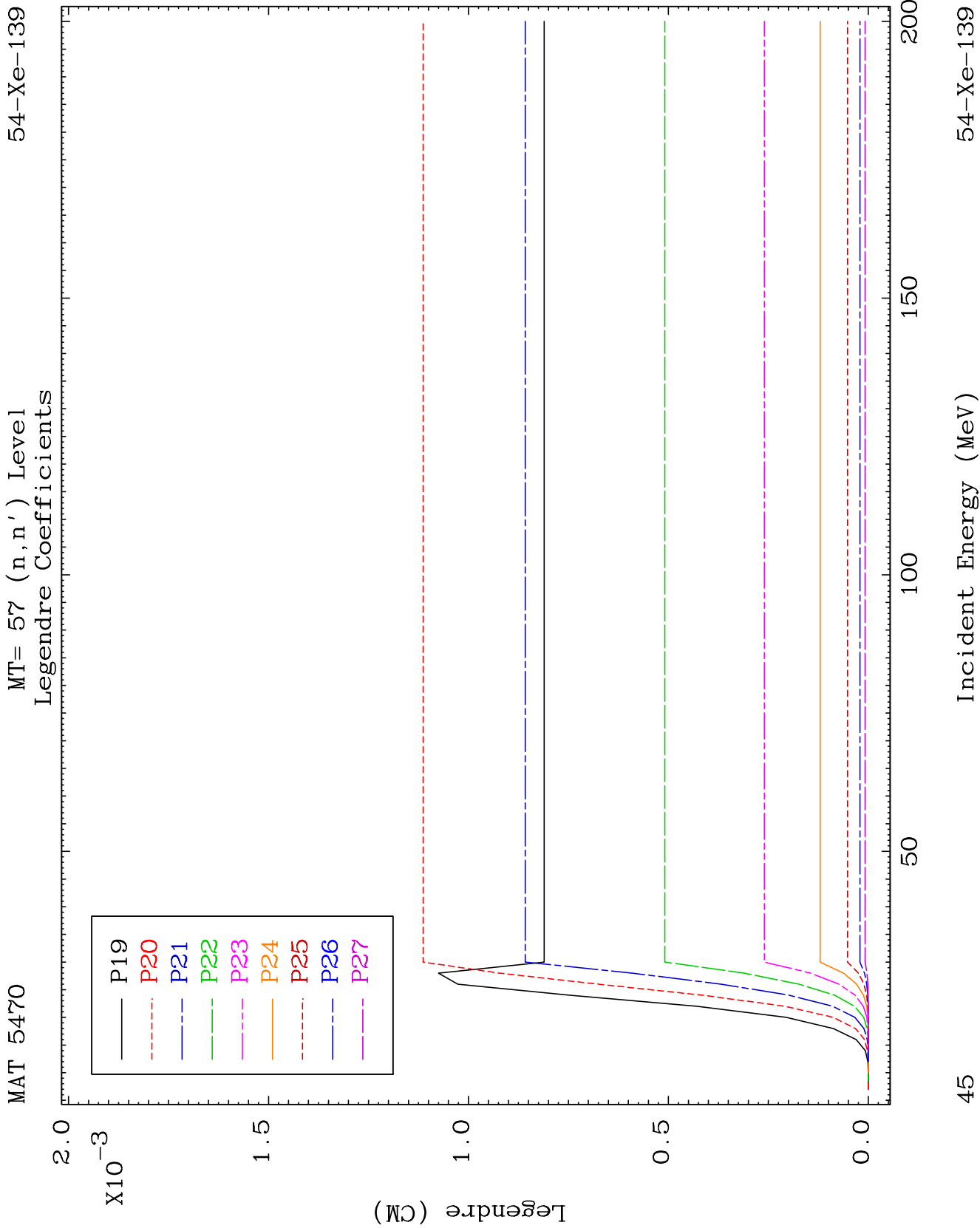


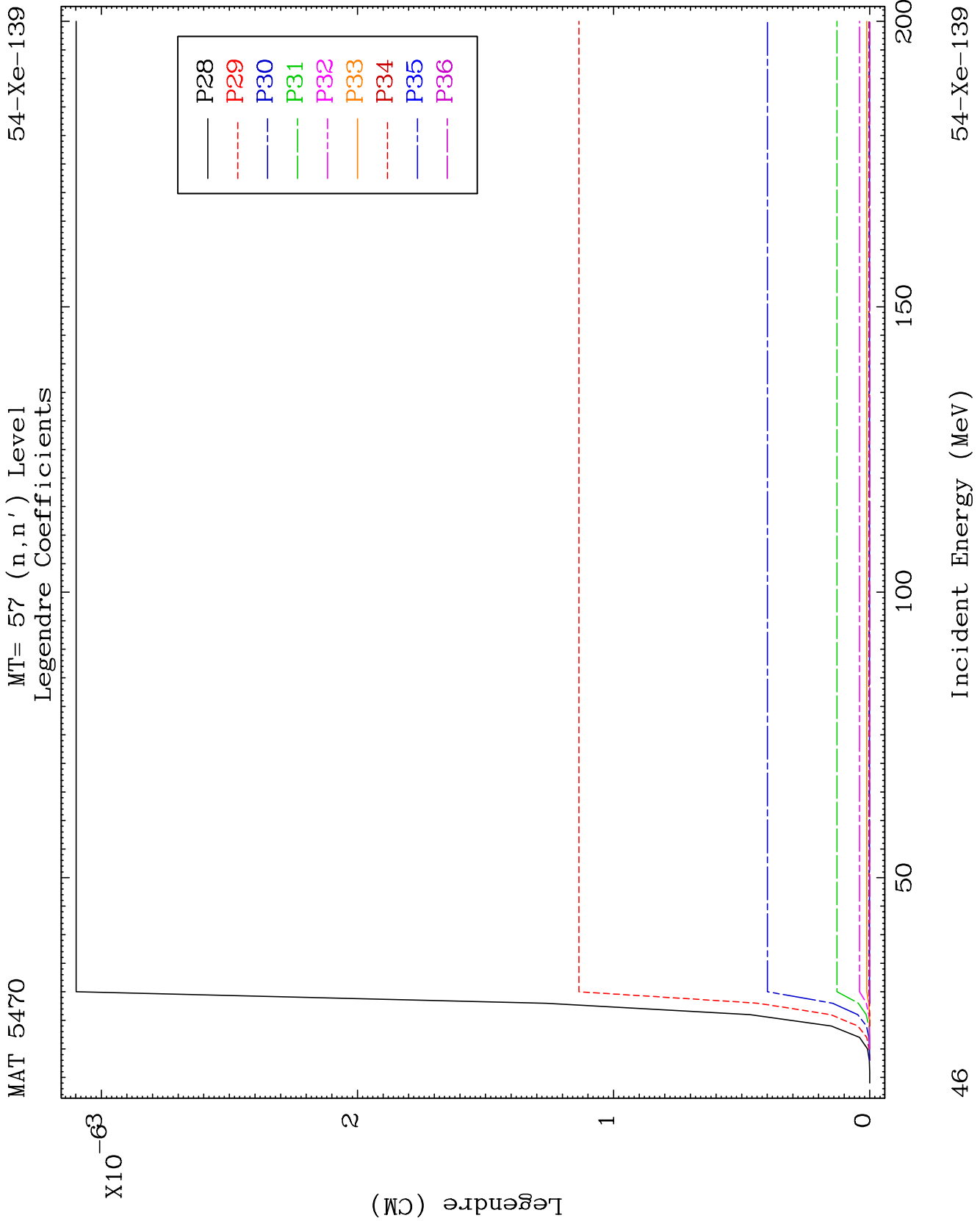
MAT 5470

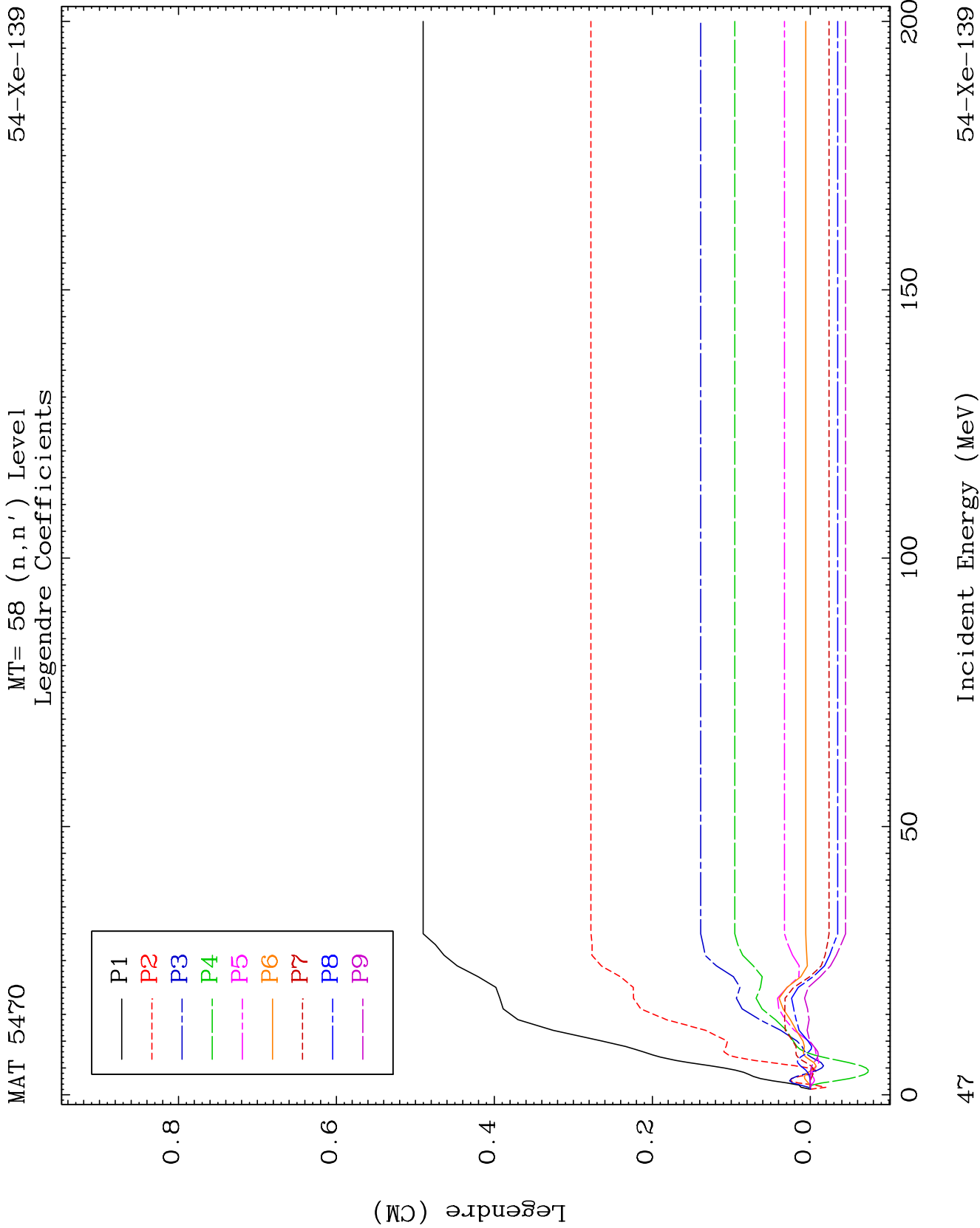
MT= 57 (n, n') Level
Legendre Coefficients

54-Xe-139





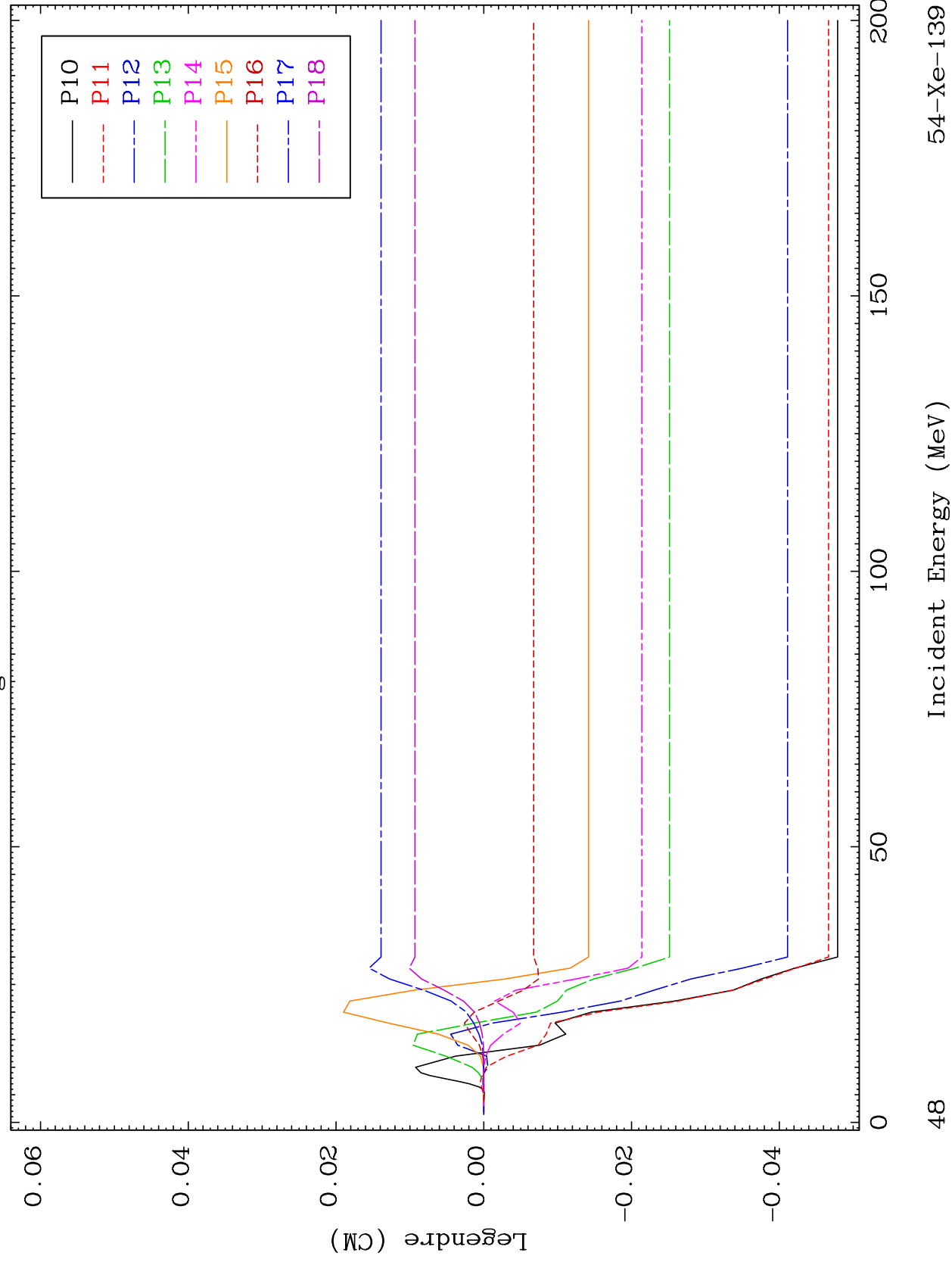


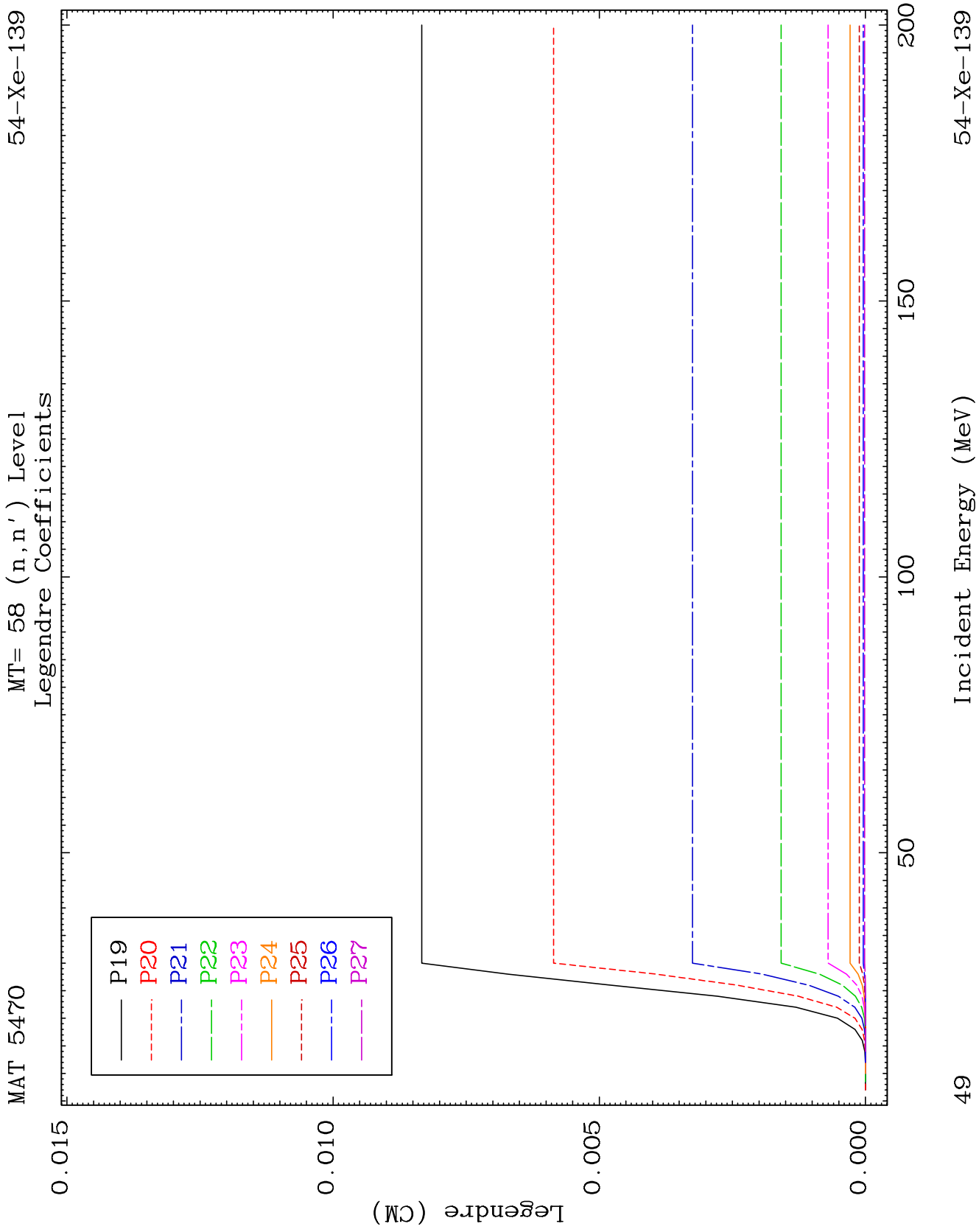


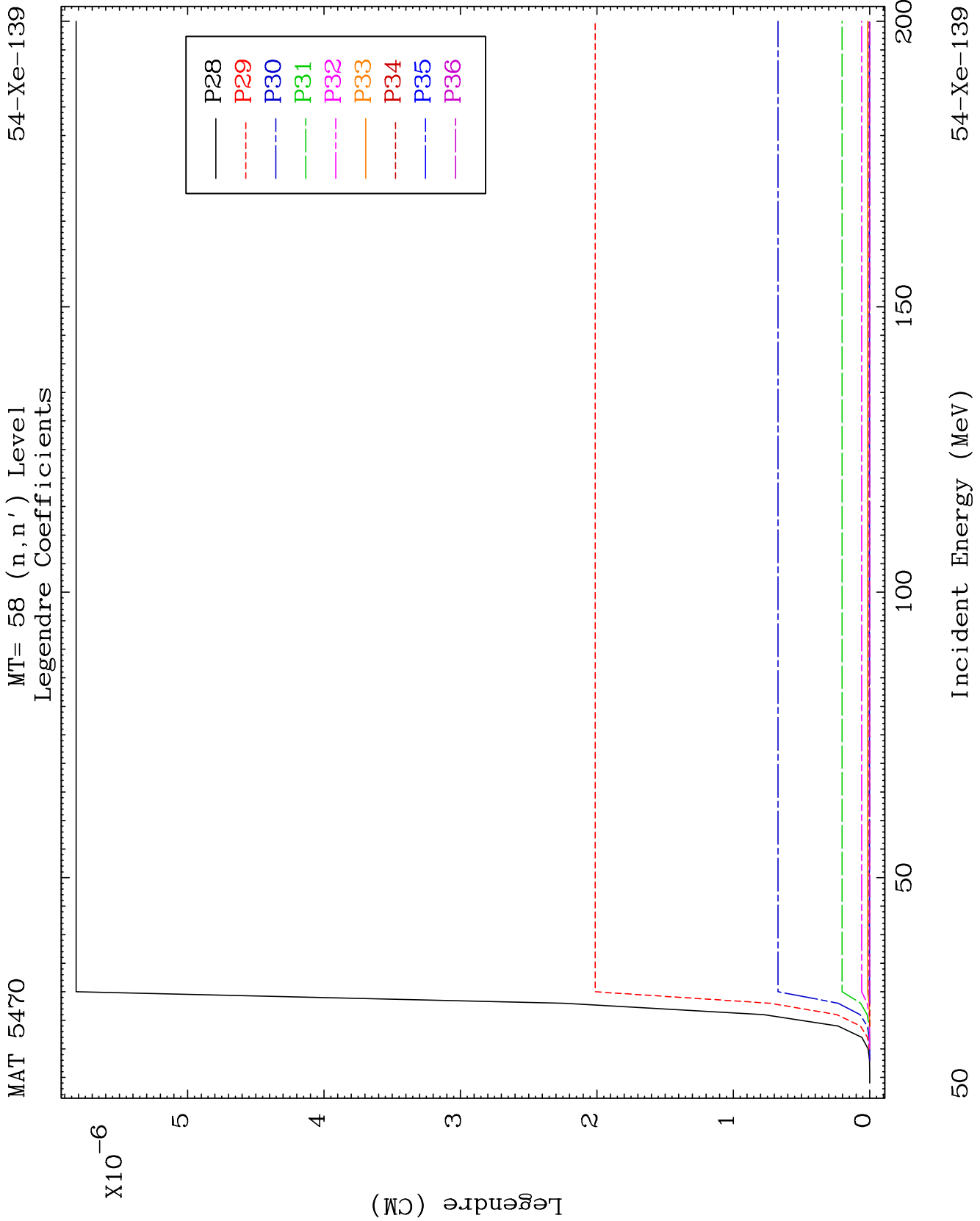
MAT 5470

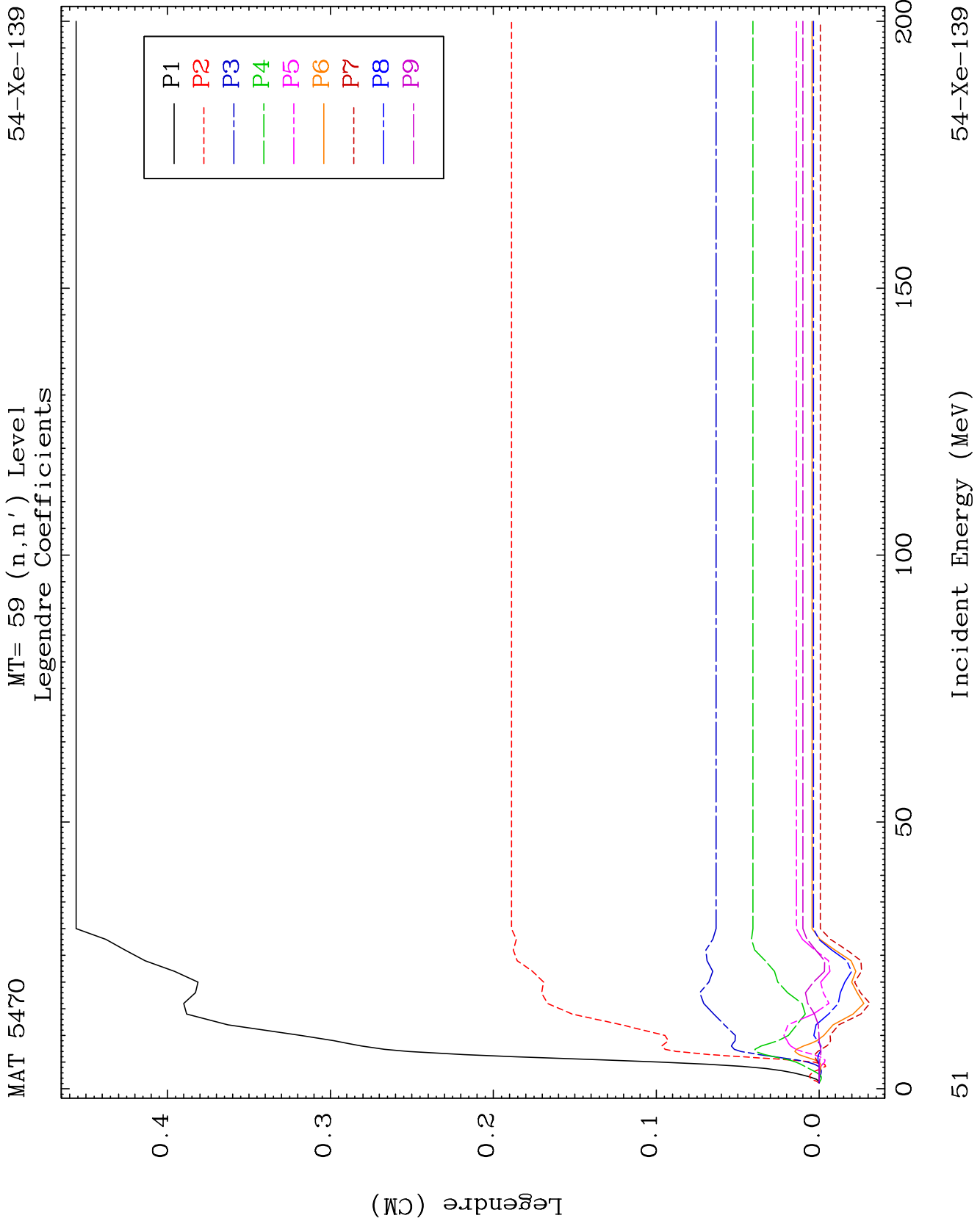
MT= 58 (n, n') Level
Legendre Coefficients

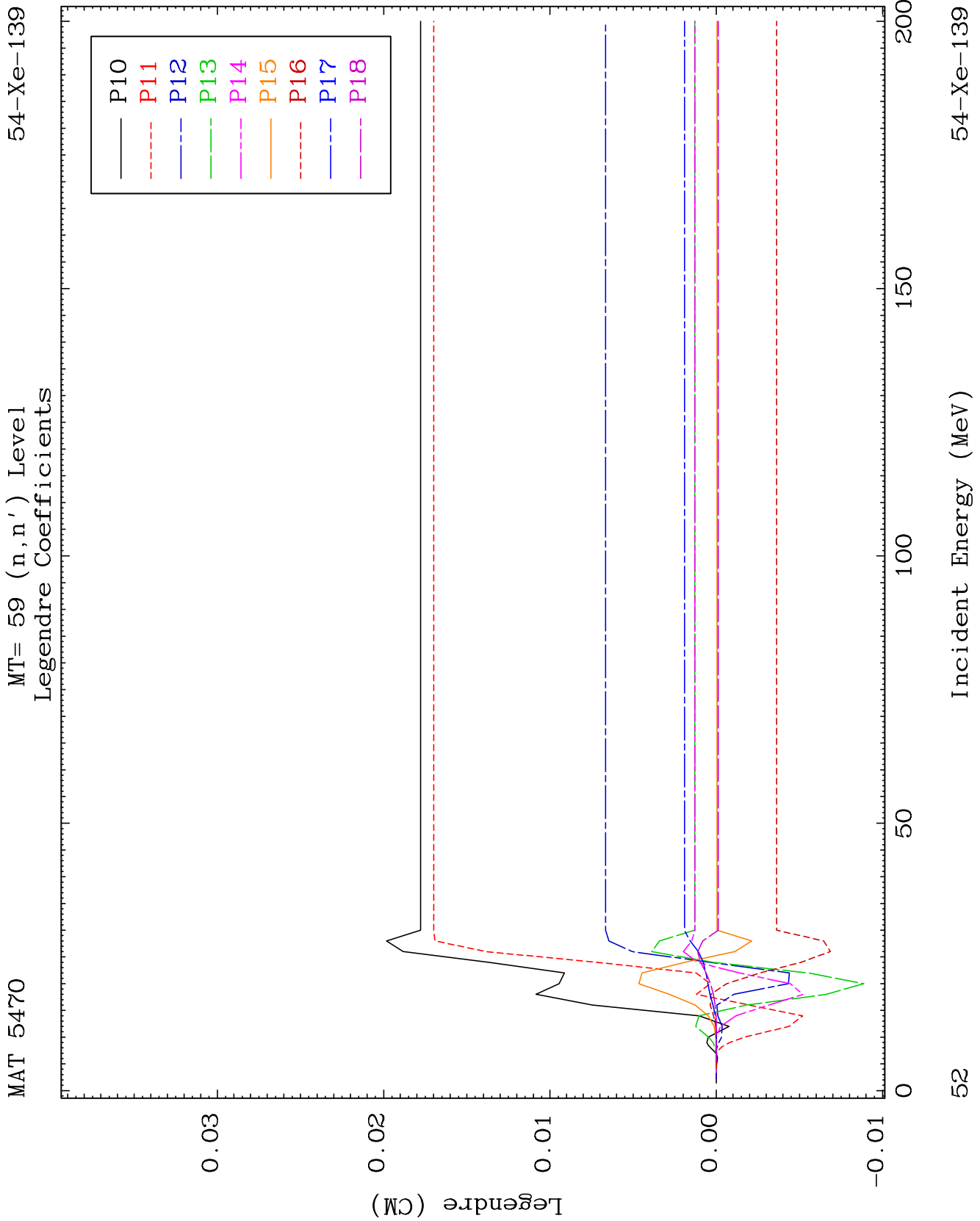
54-Xe-139

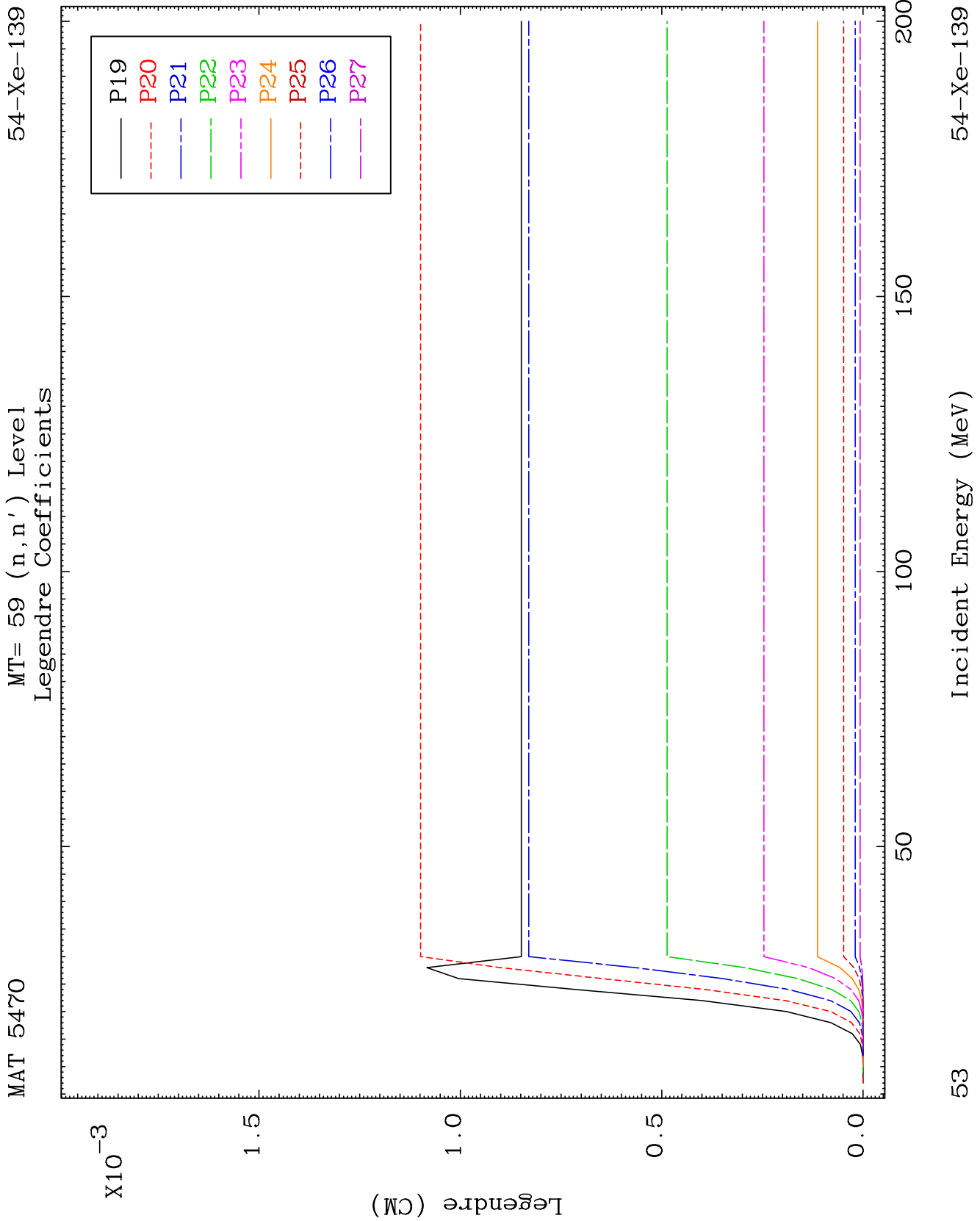


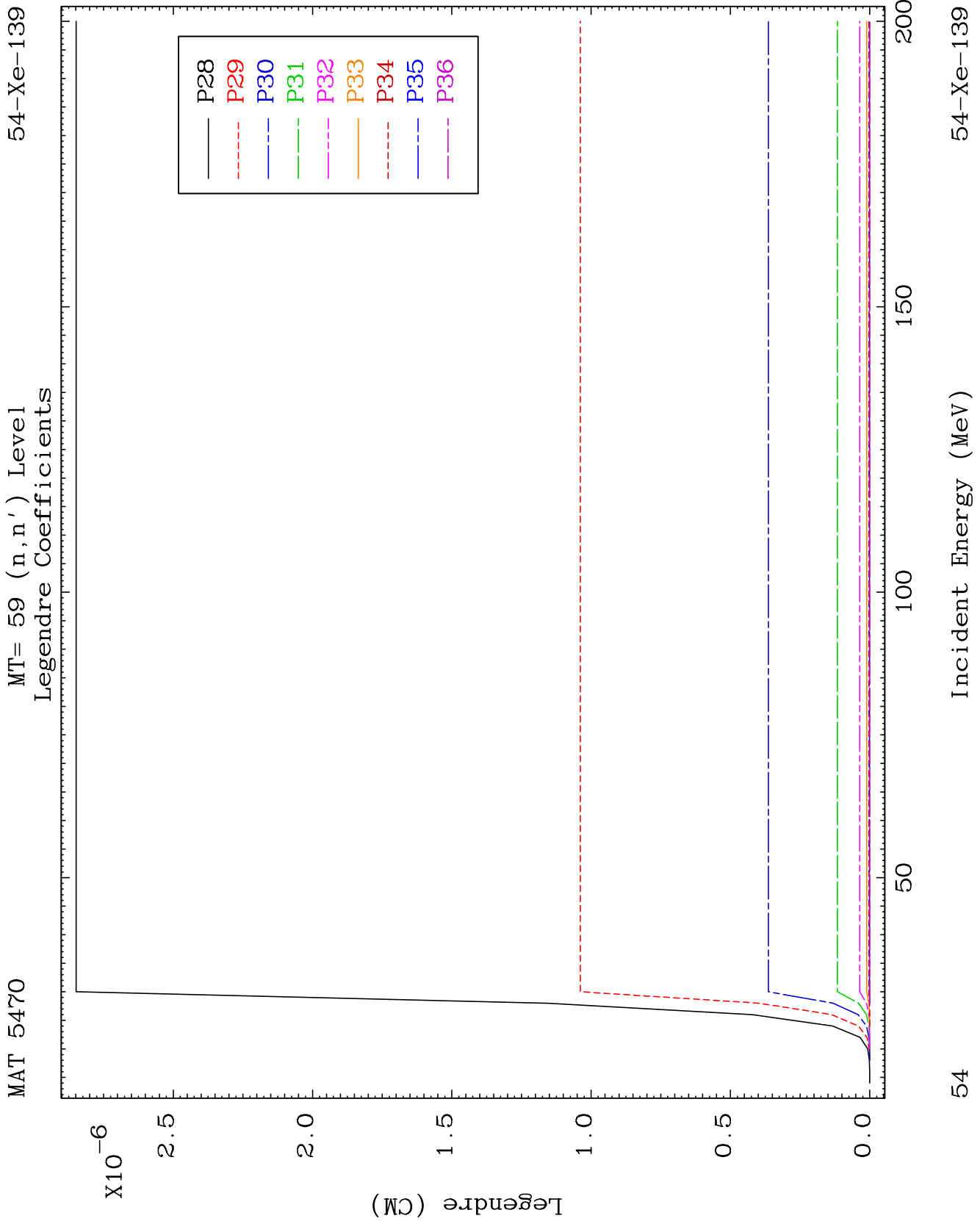


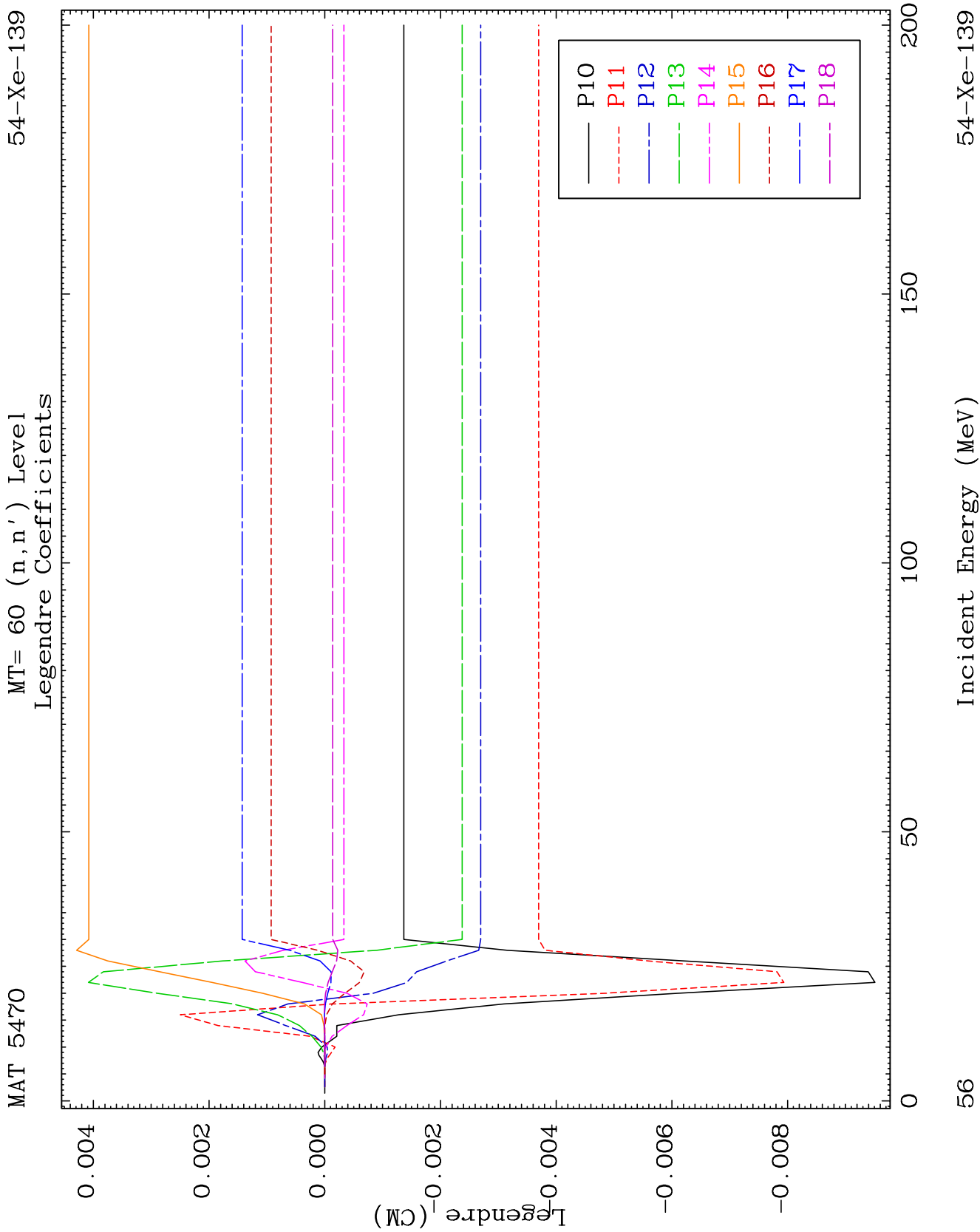


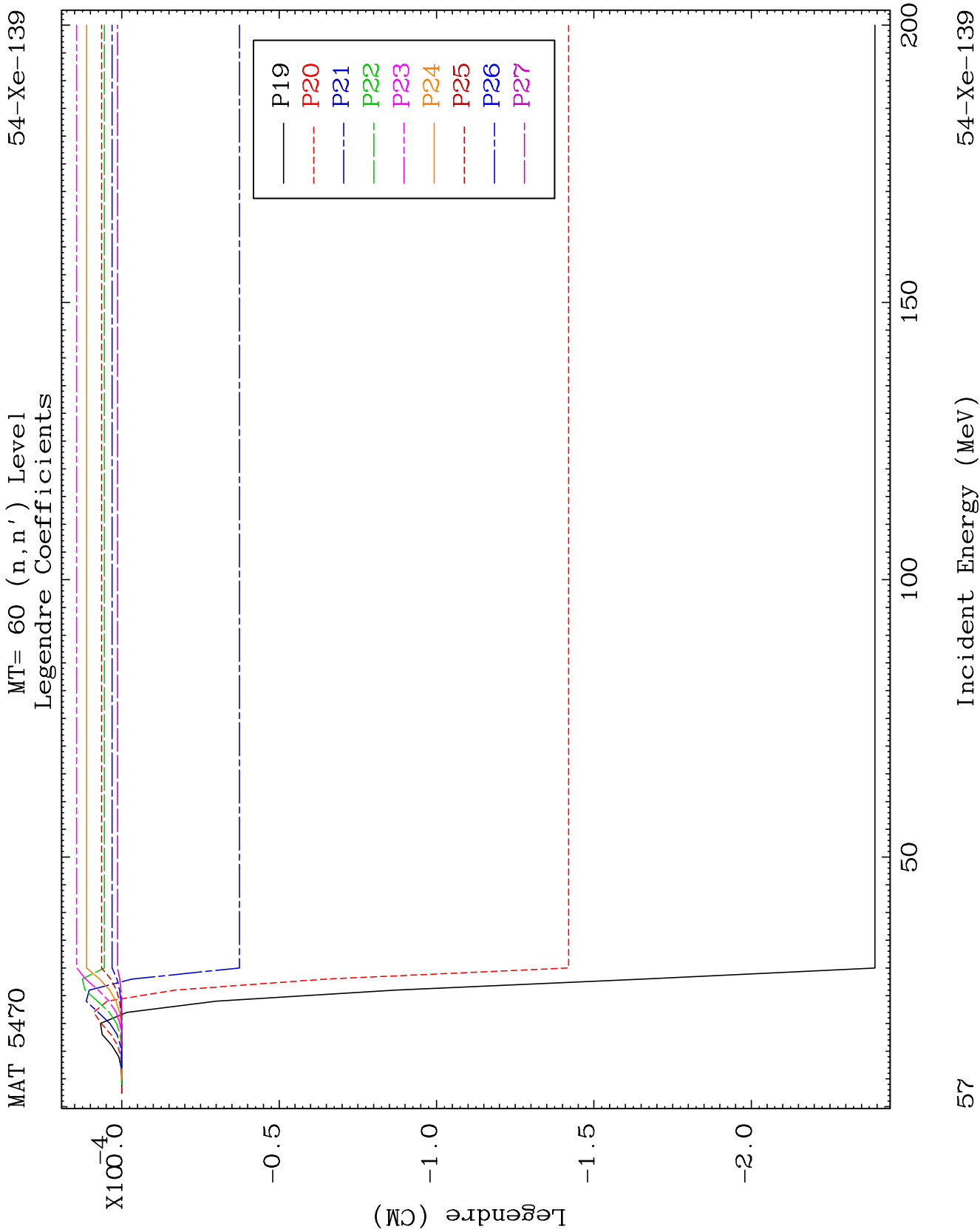


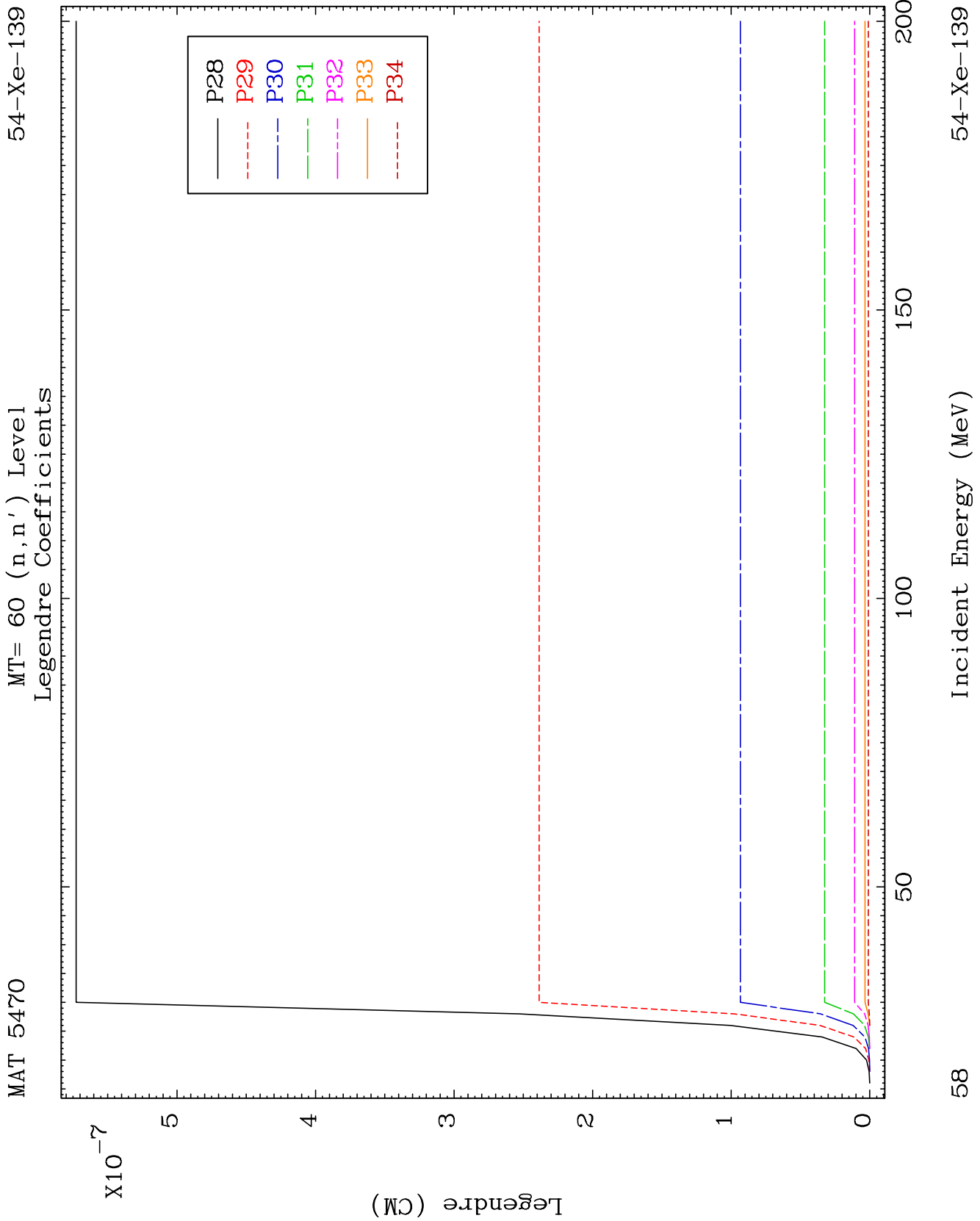








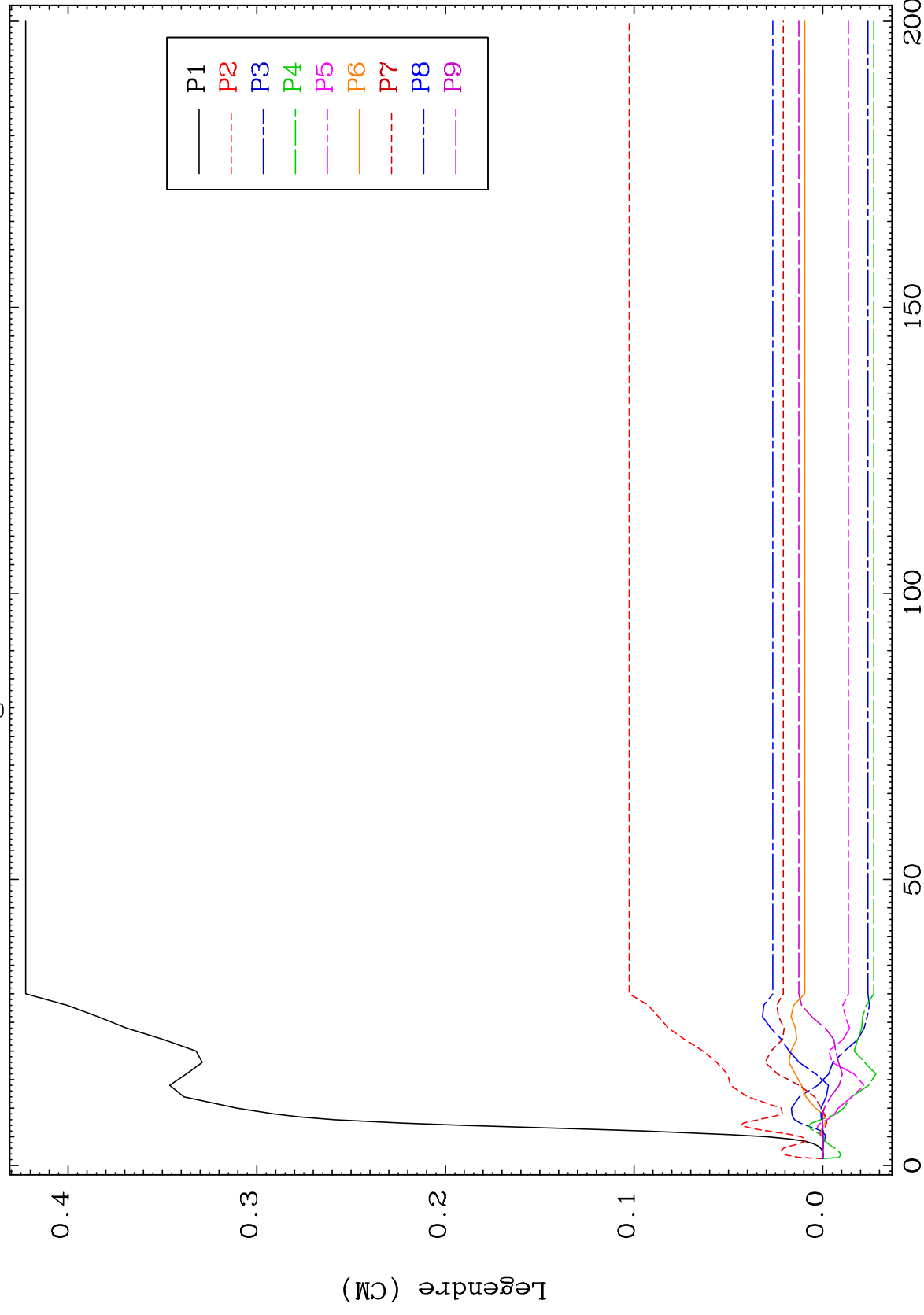




MAT 5470

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

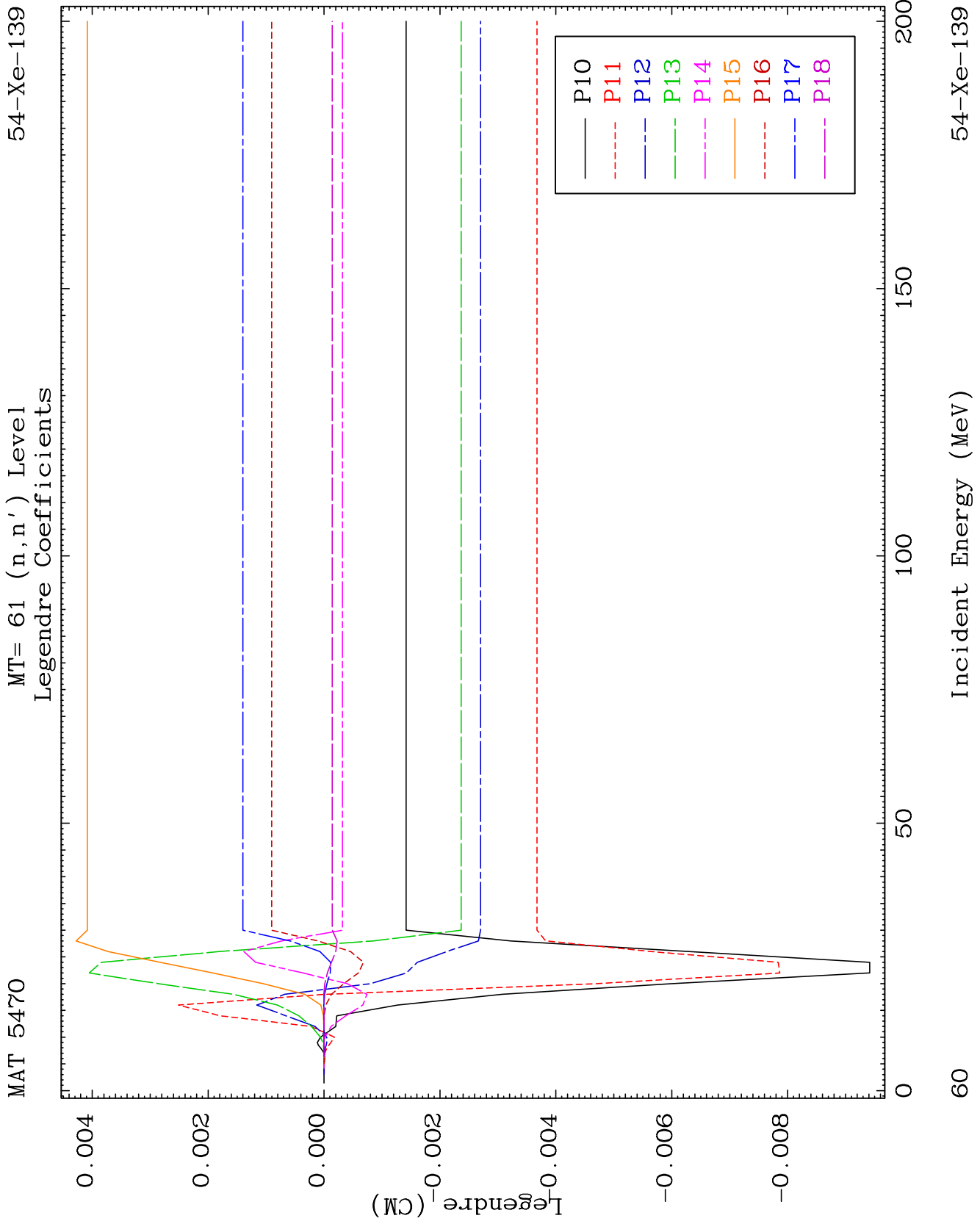
54-Xe-139

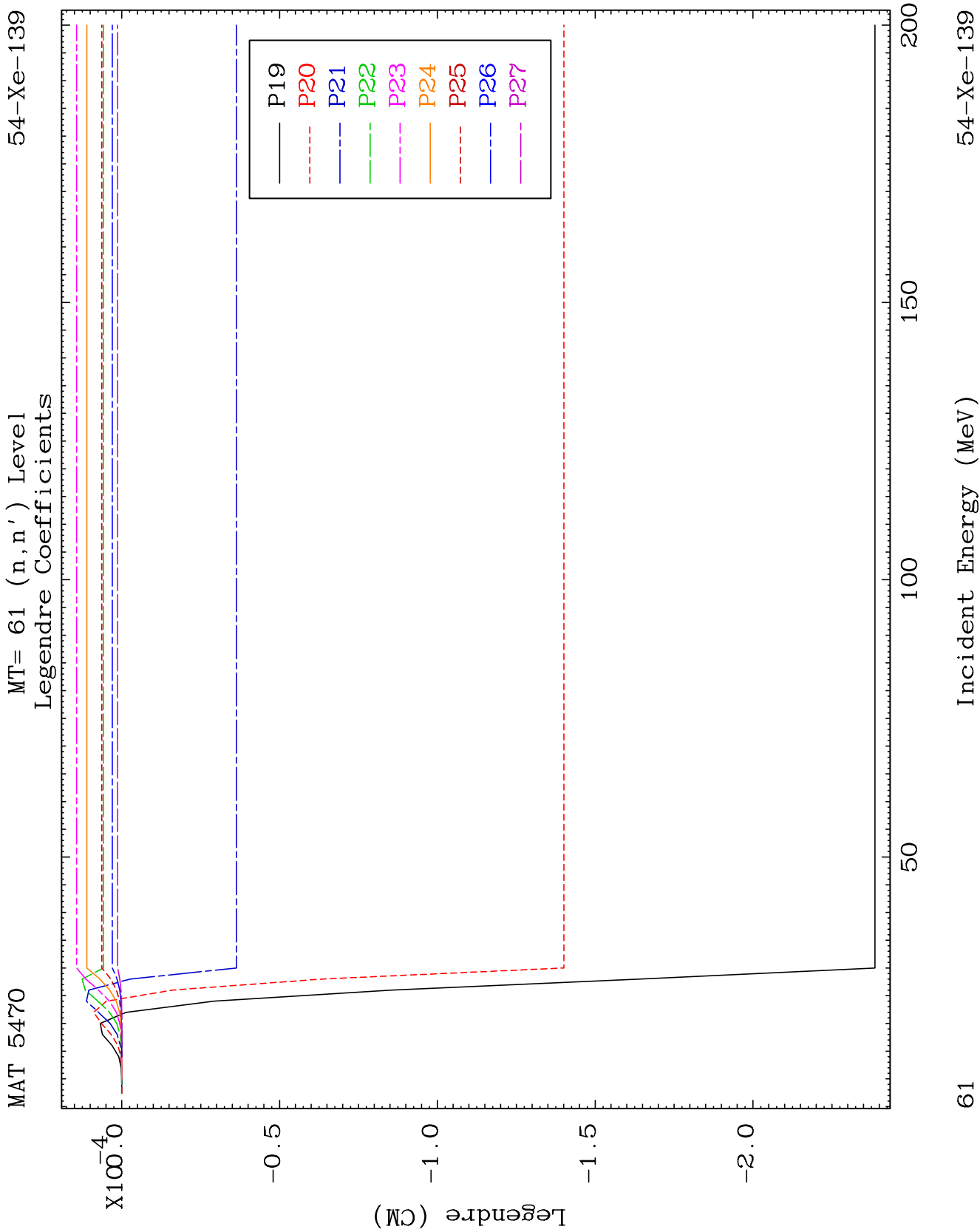


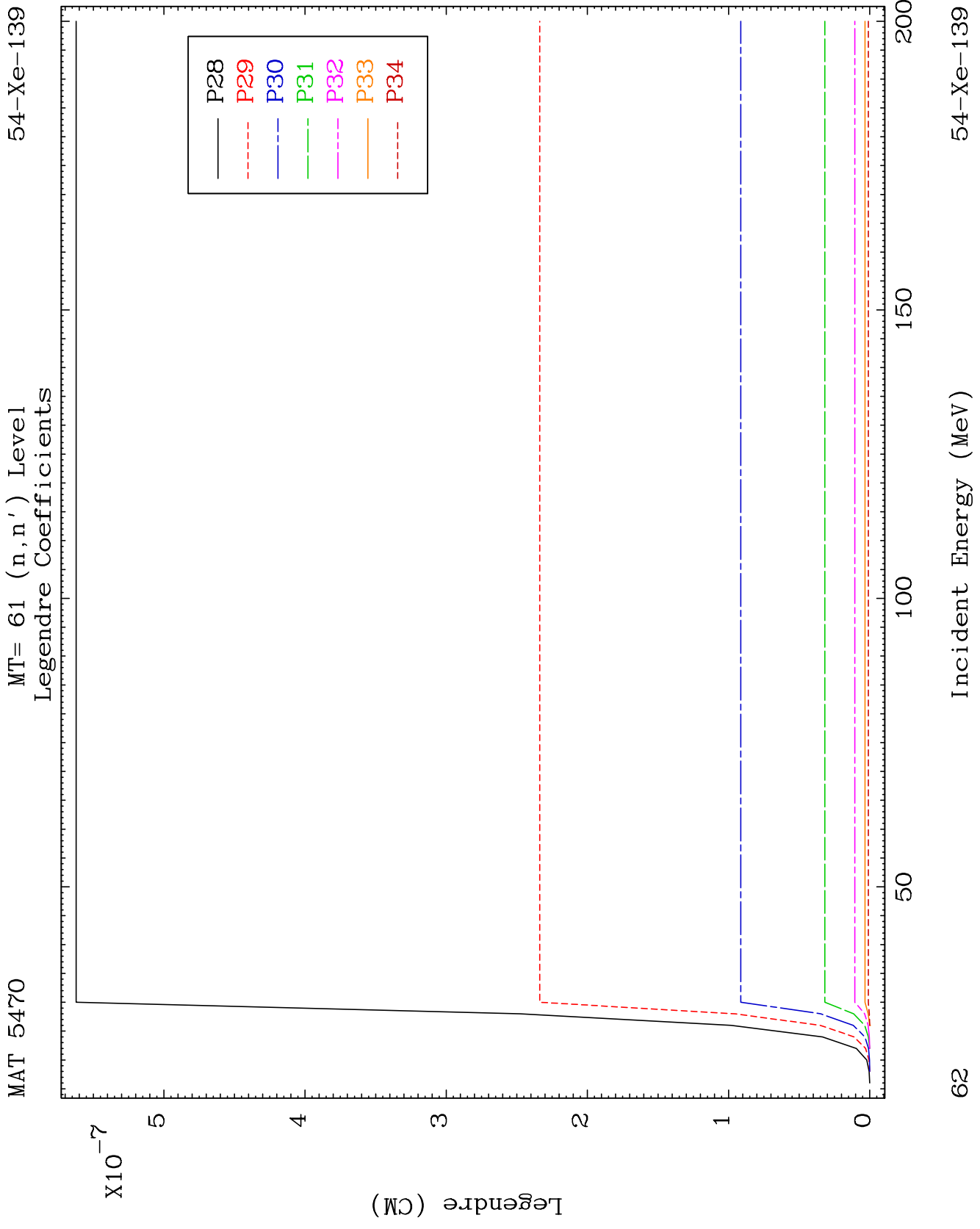
59

Incident Energy (MeV)

54-Xe-139



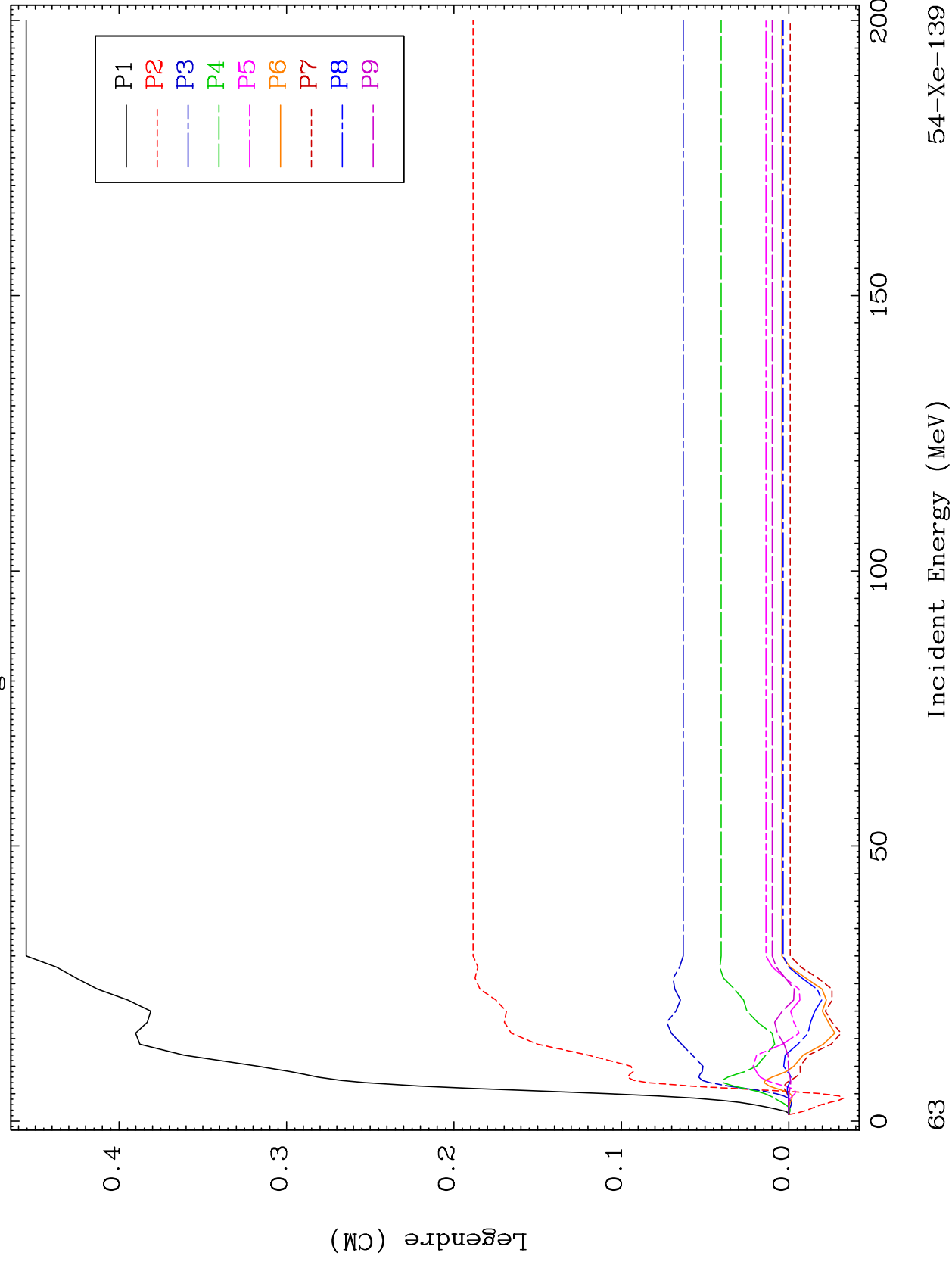




MAT 5470

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

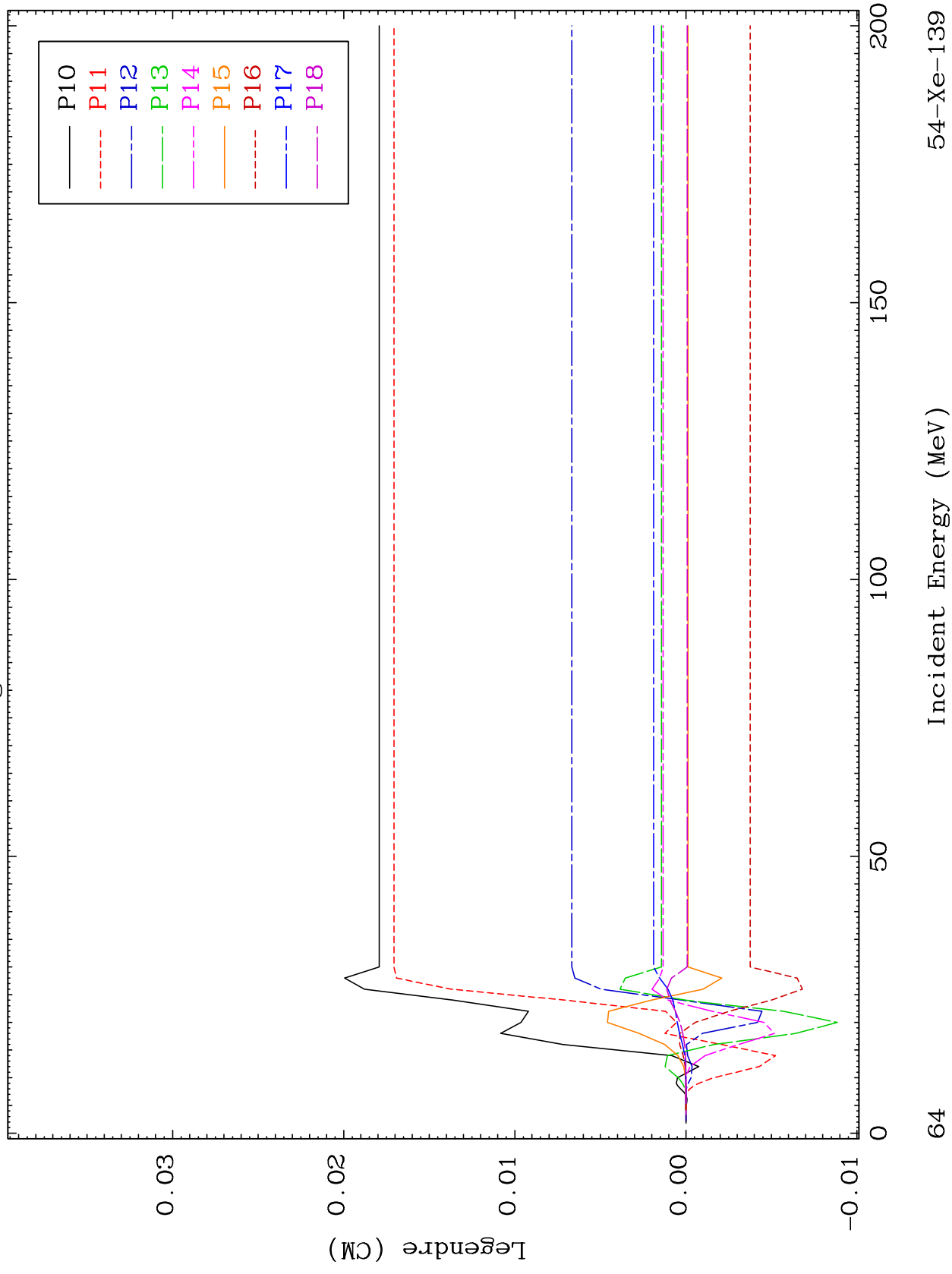
54-Xe-139

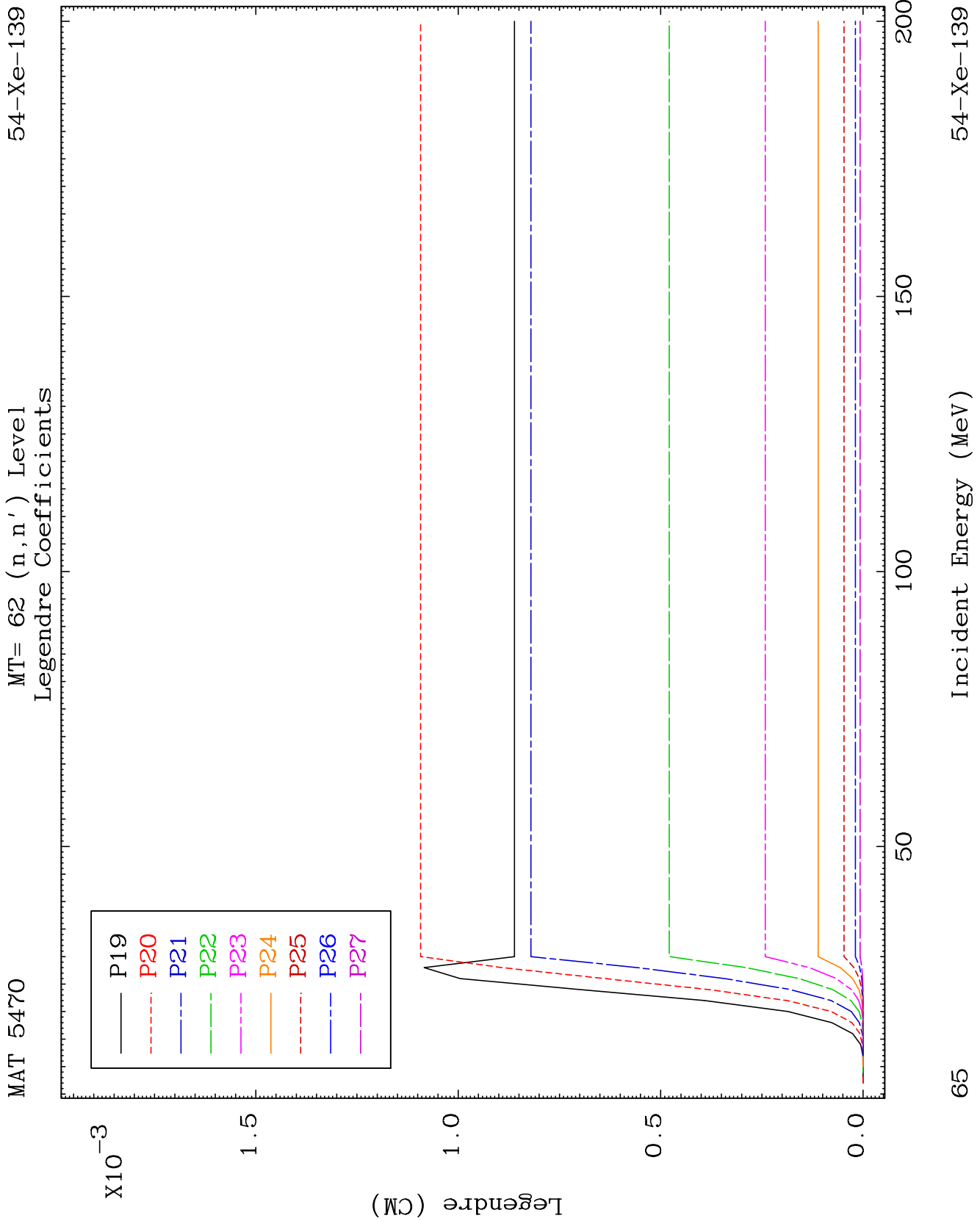


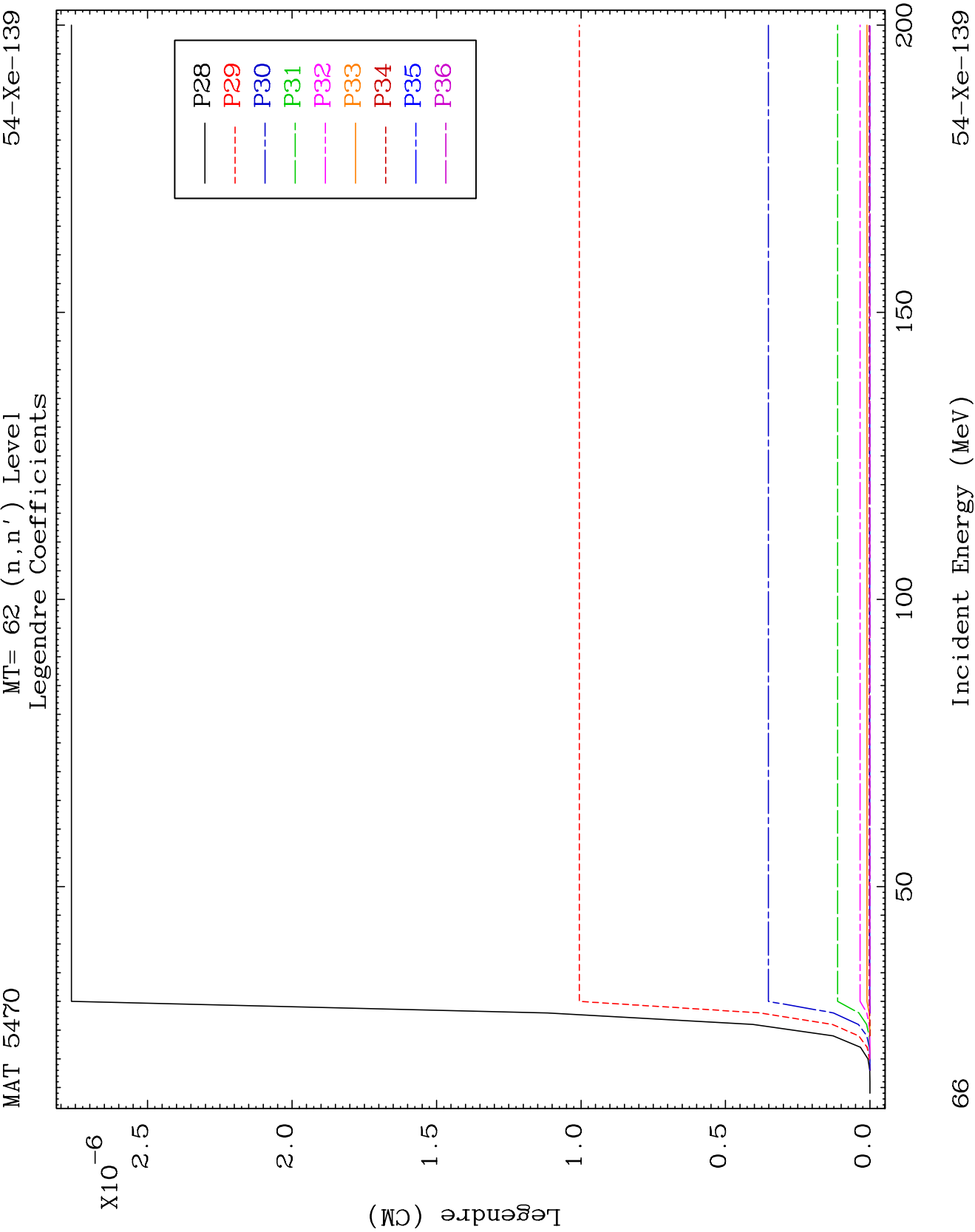
MAT 5470

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

54-Xe-139



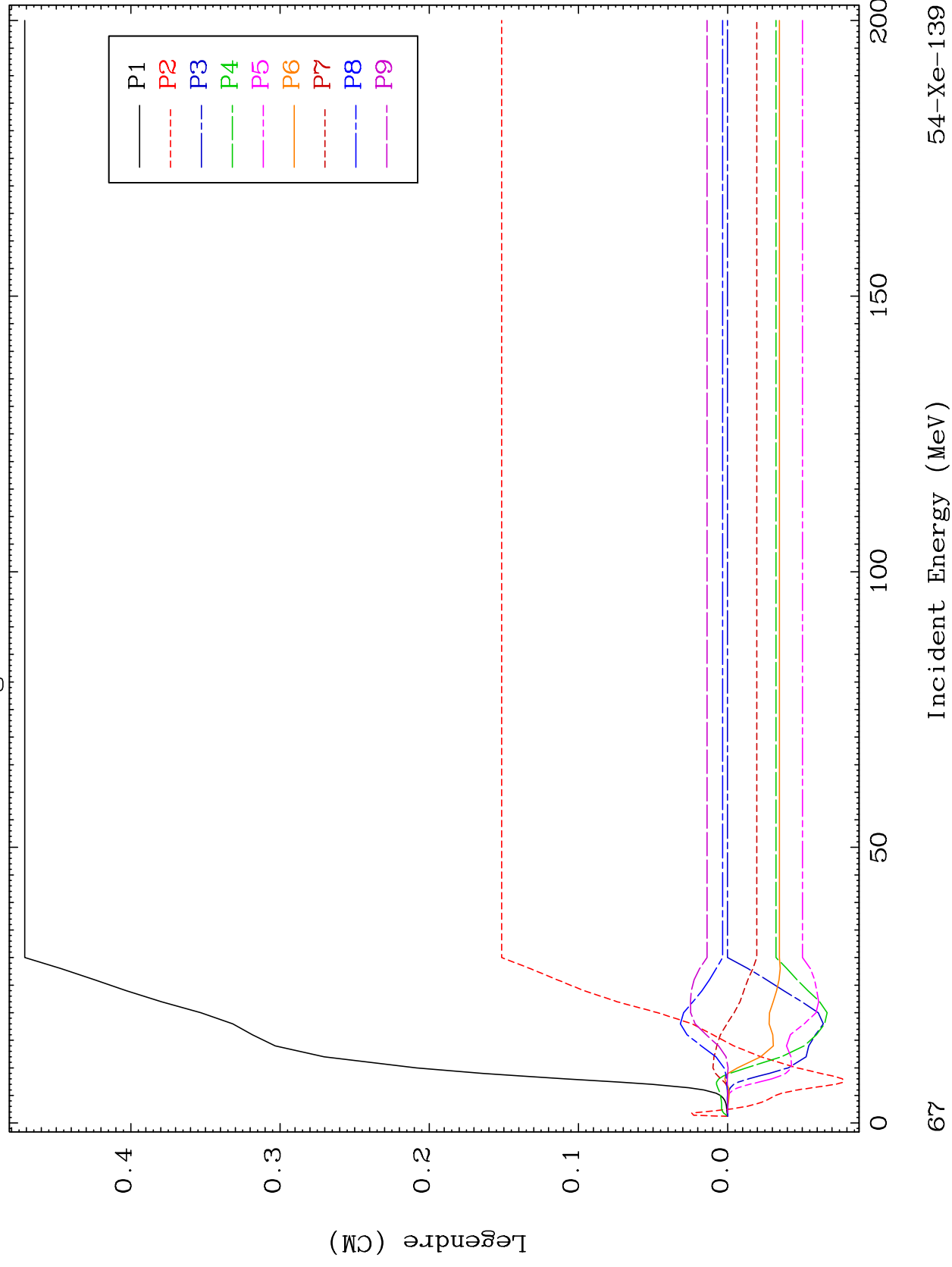




MAT 5470

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

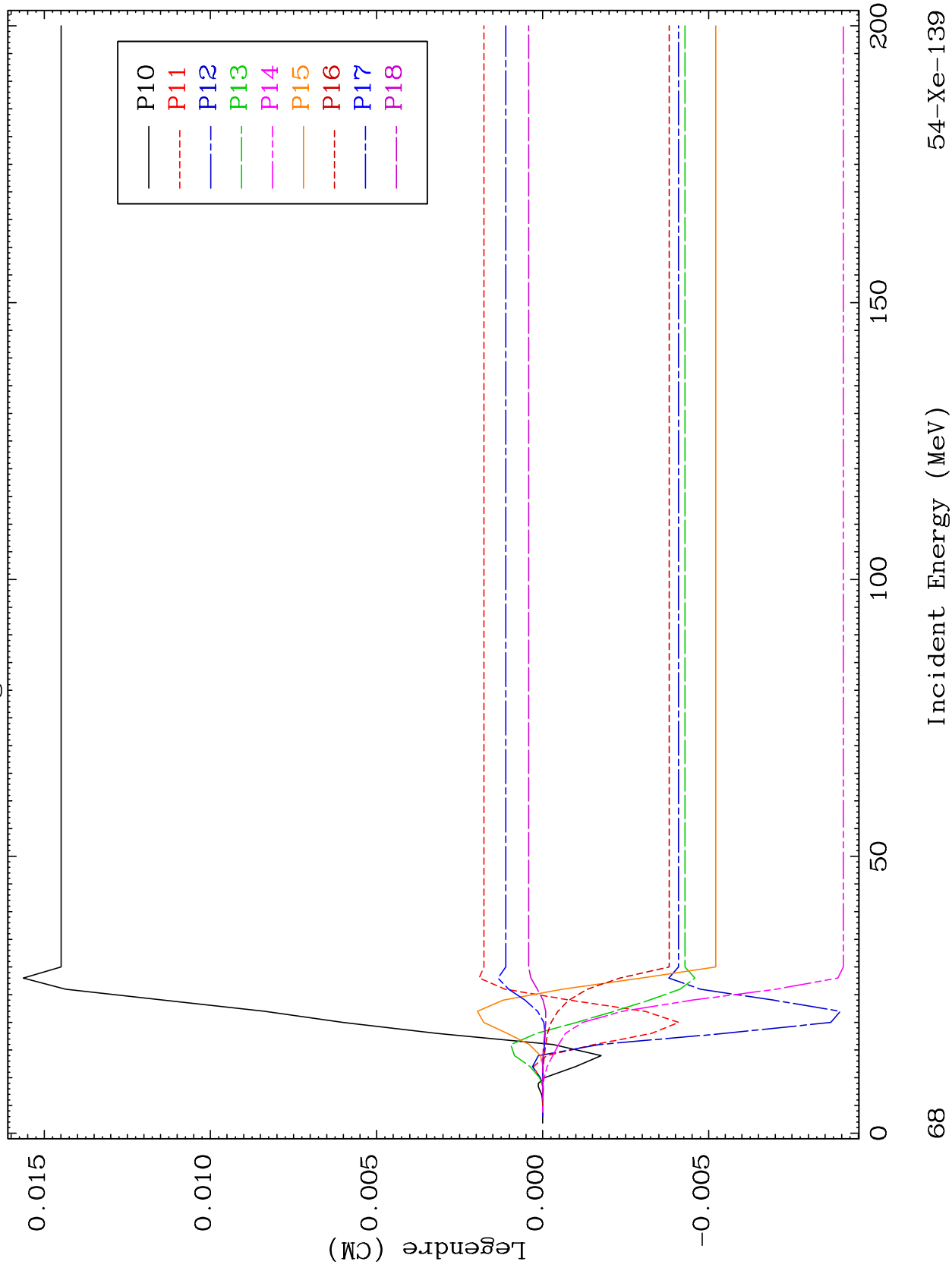
54-Xe-139

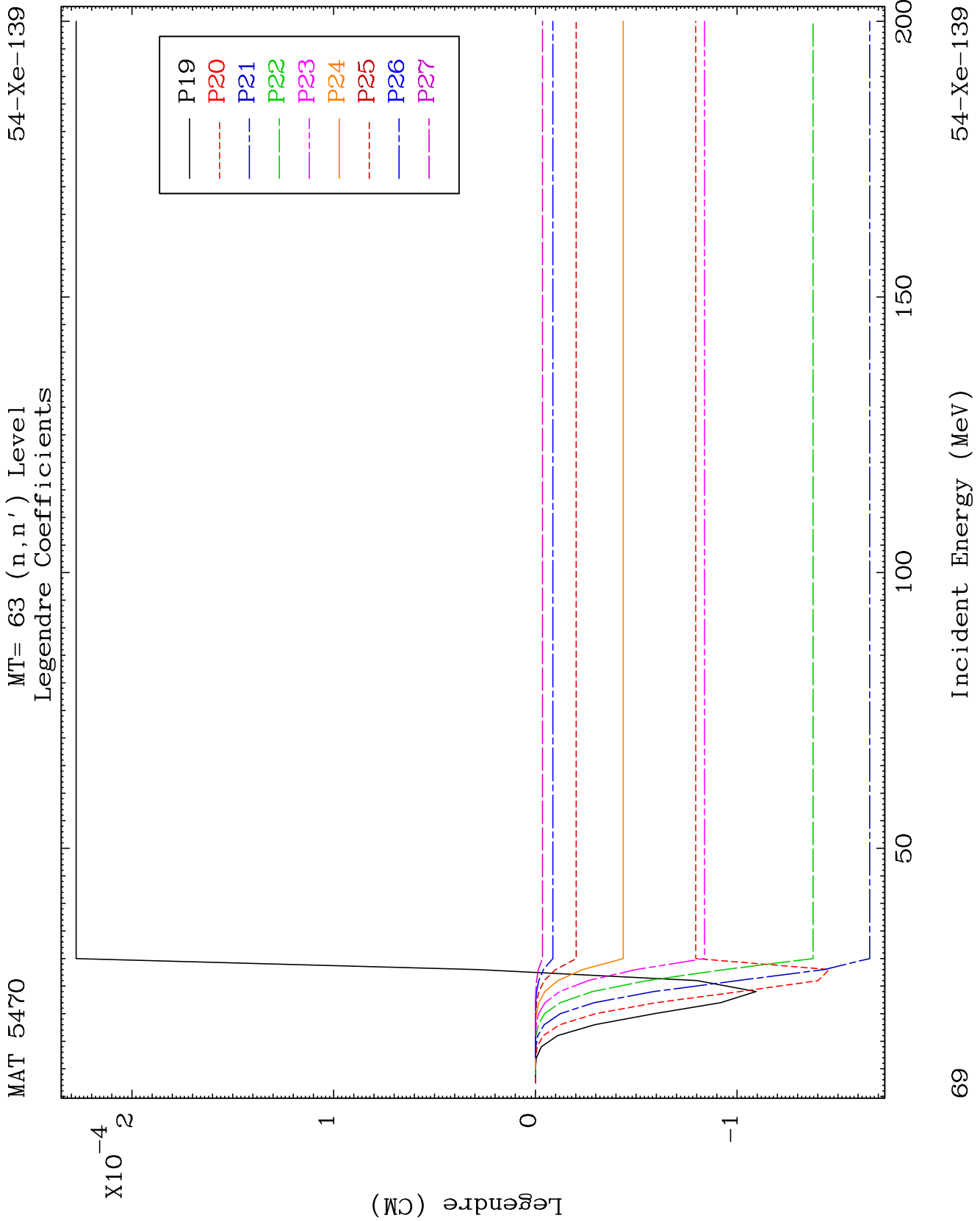


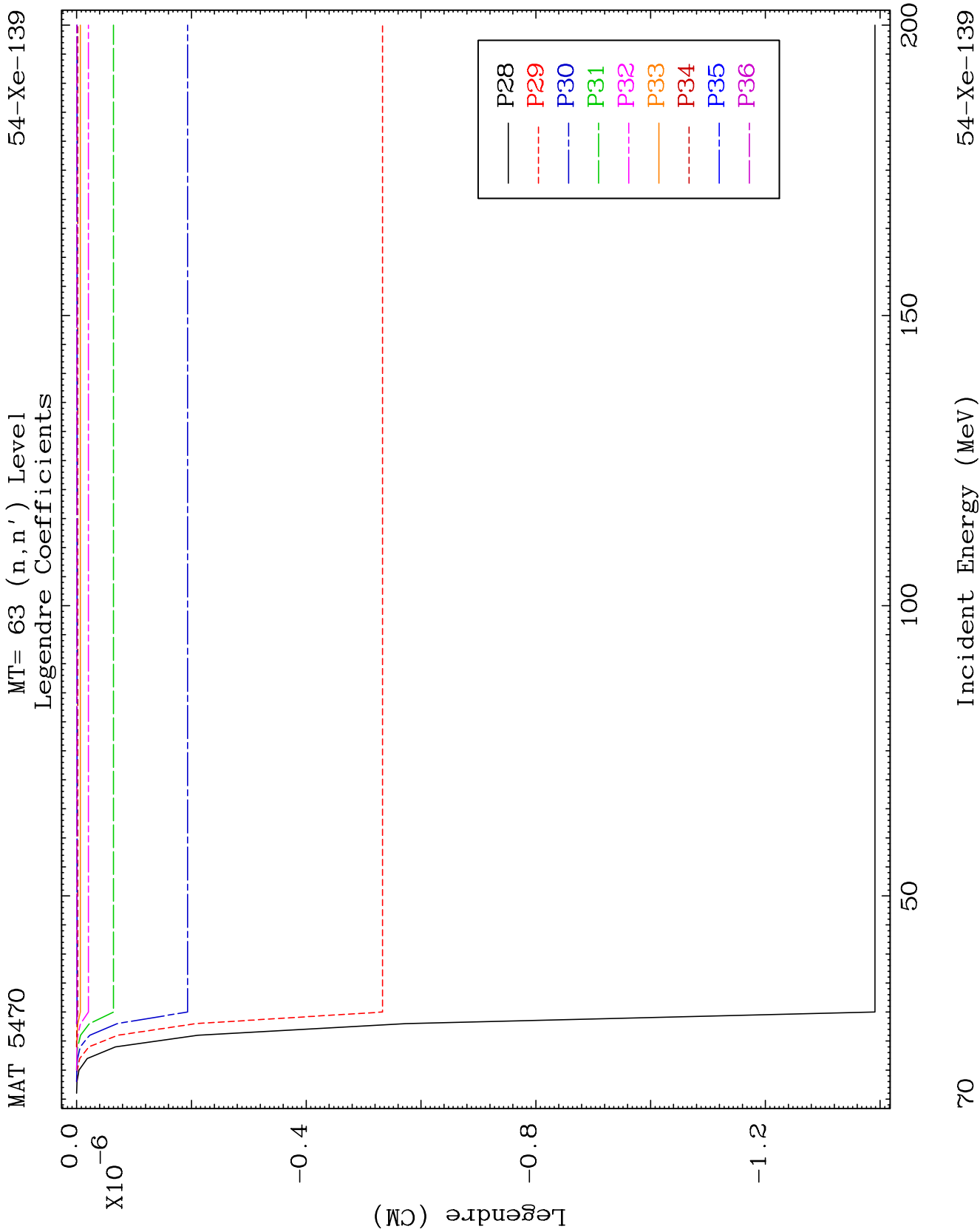
MAT 5470

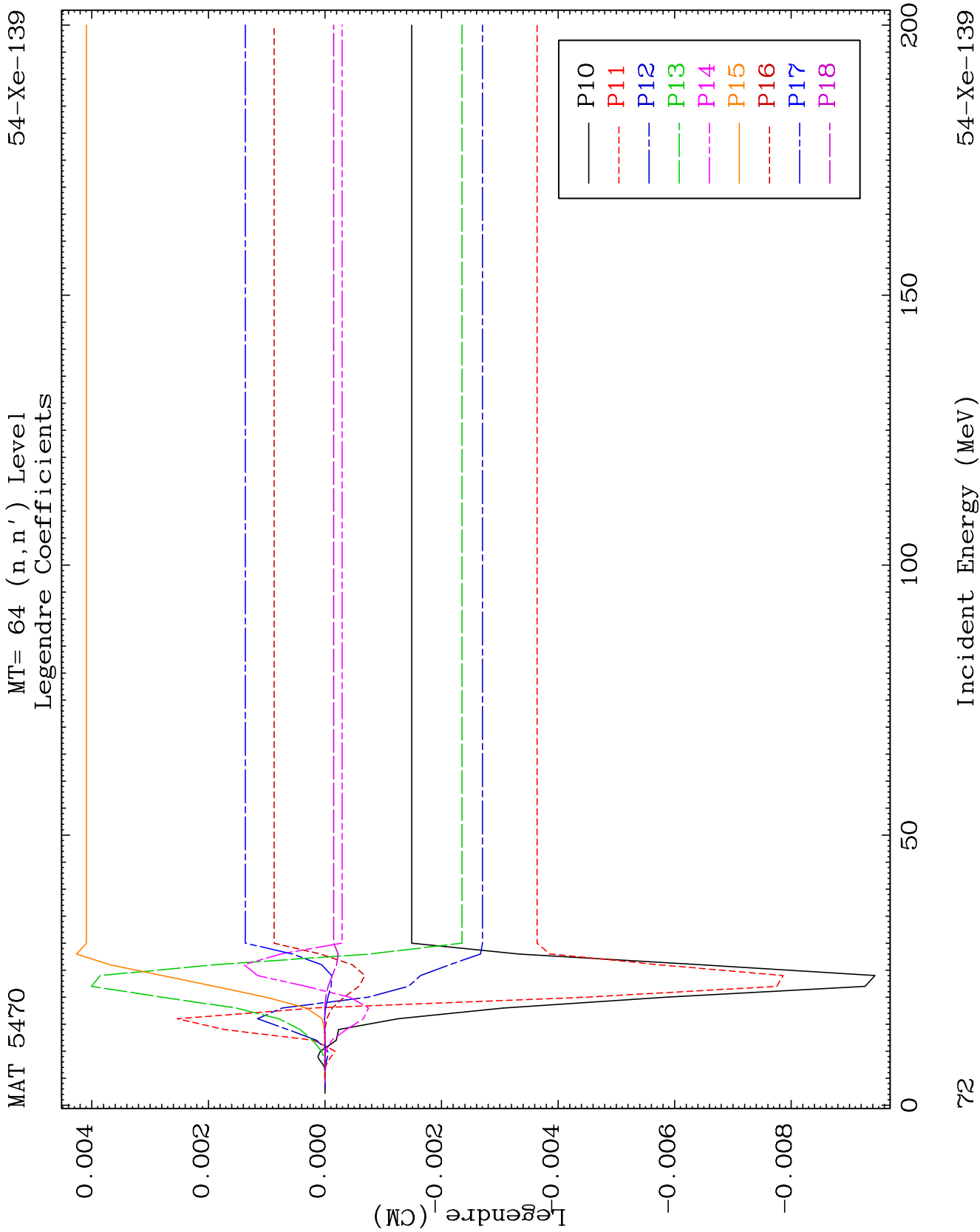
MT= 63 (n, n') Level
Legendre Coefficients

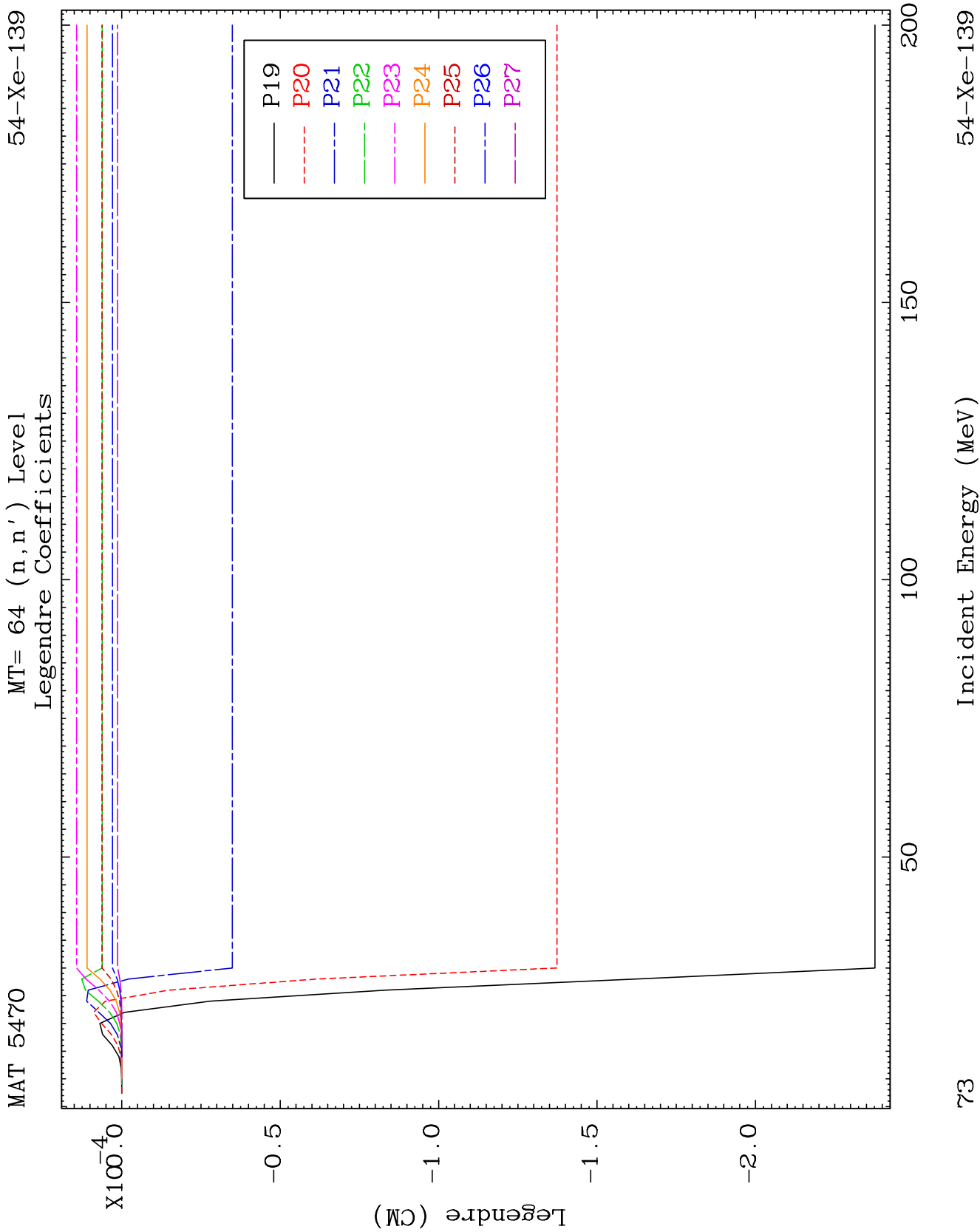
54-Xe-139

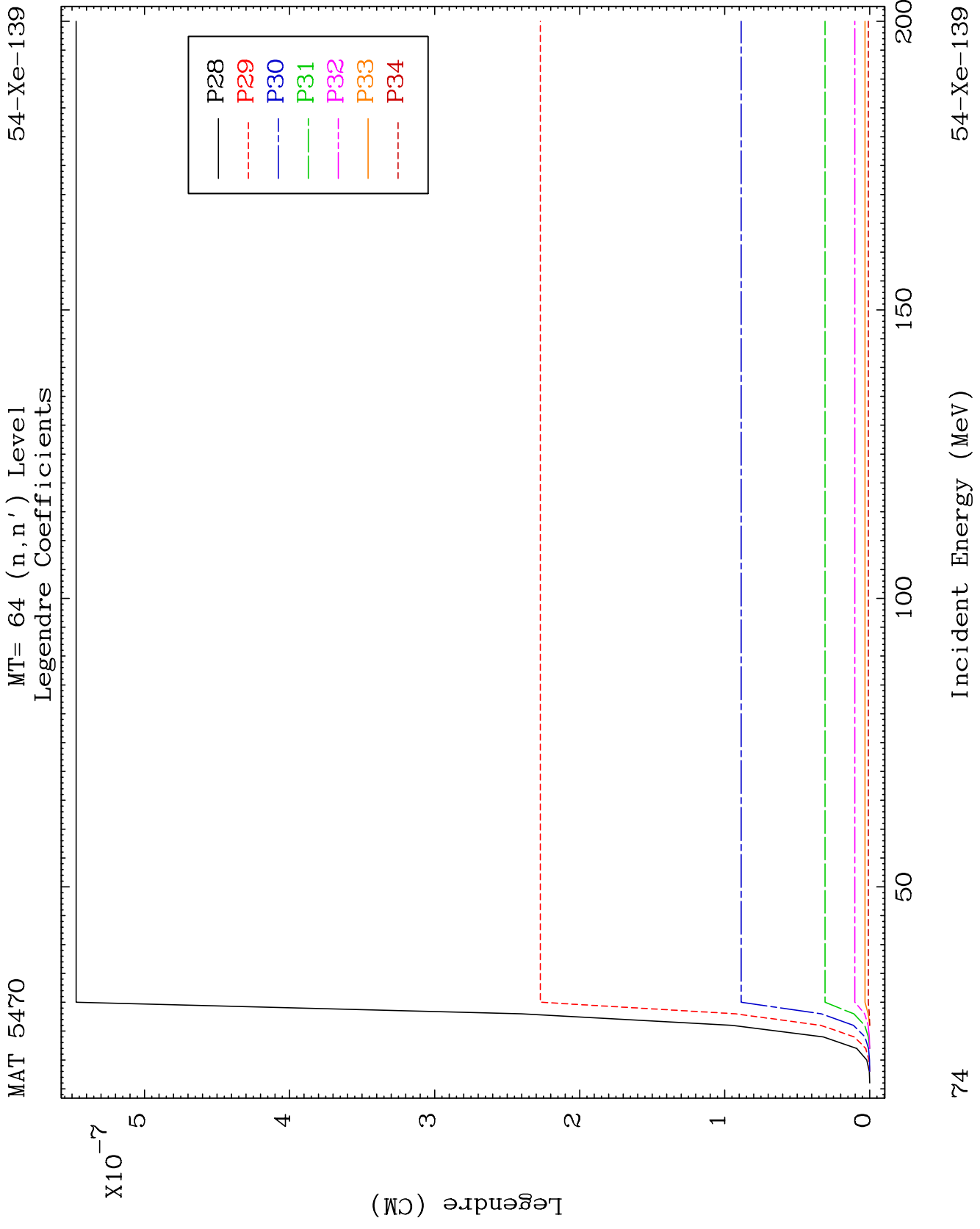


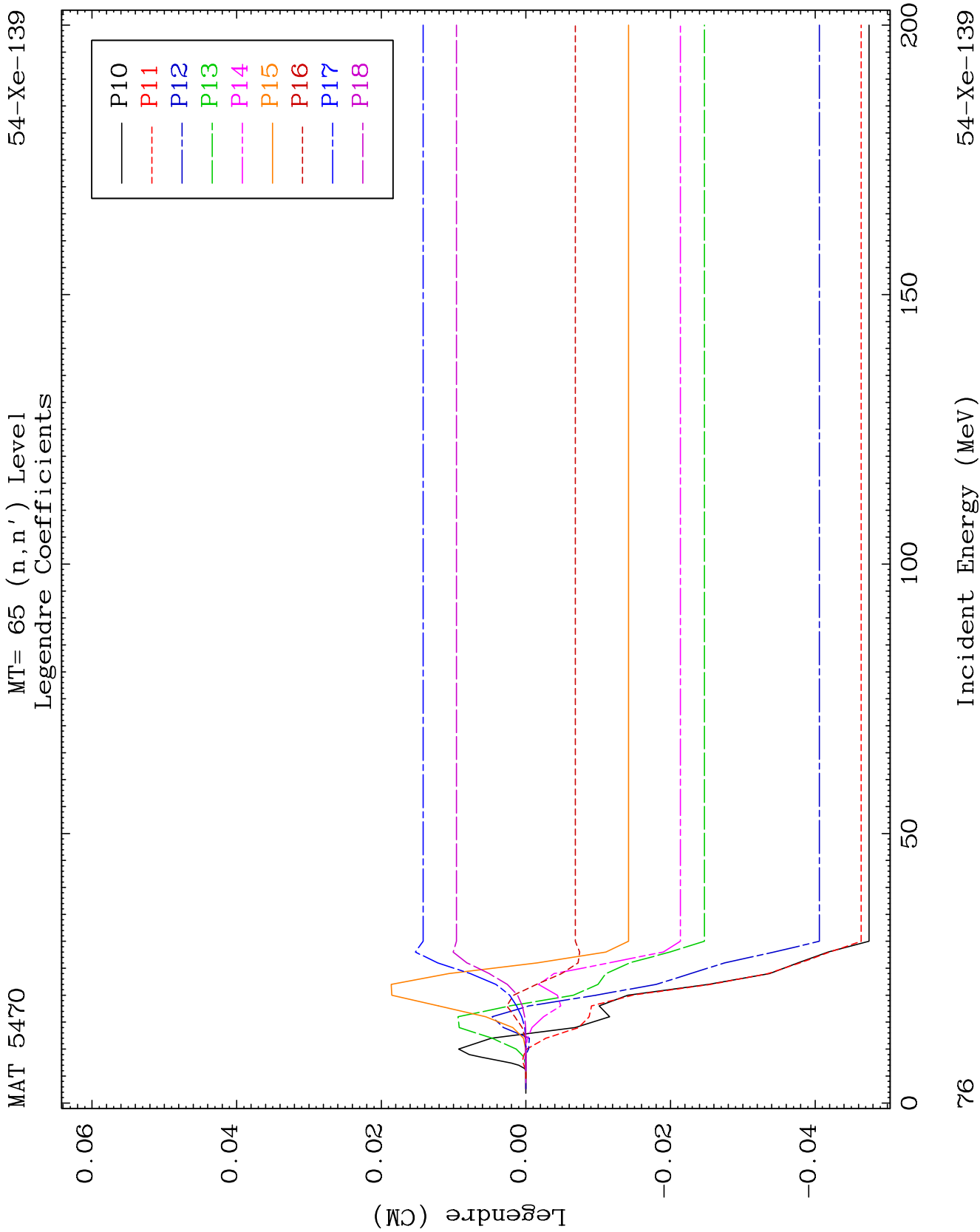


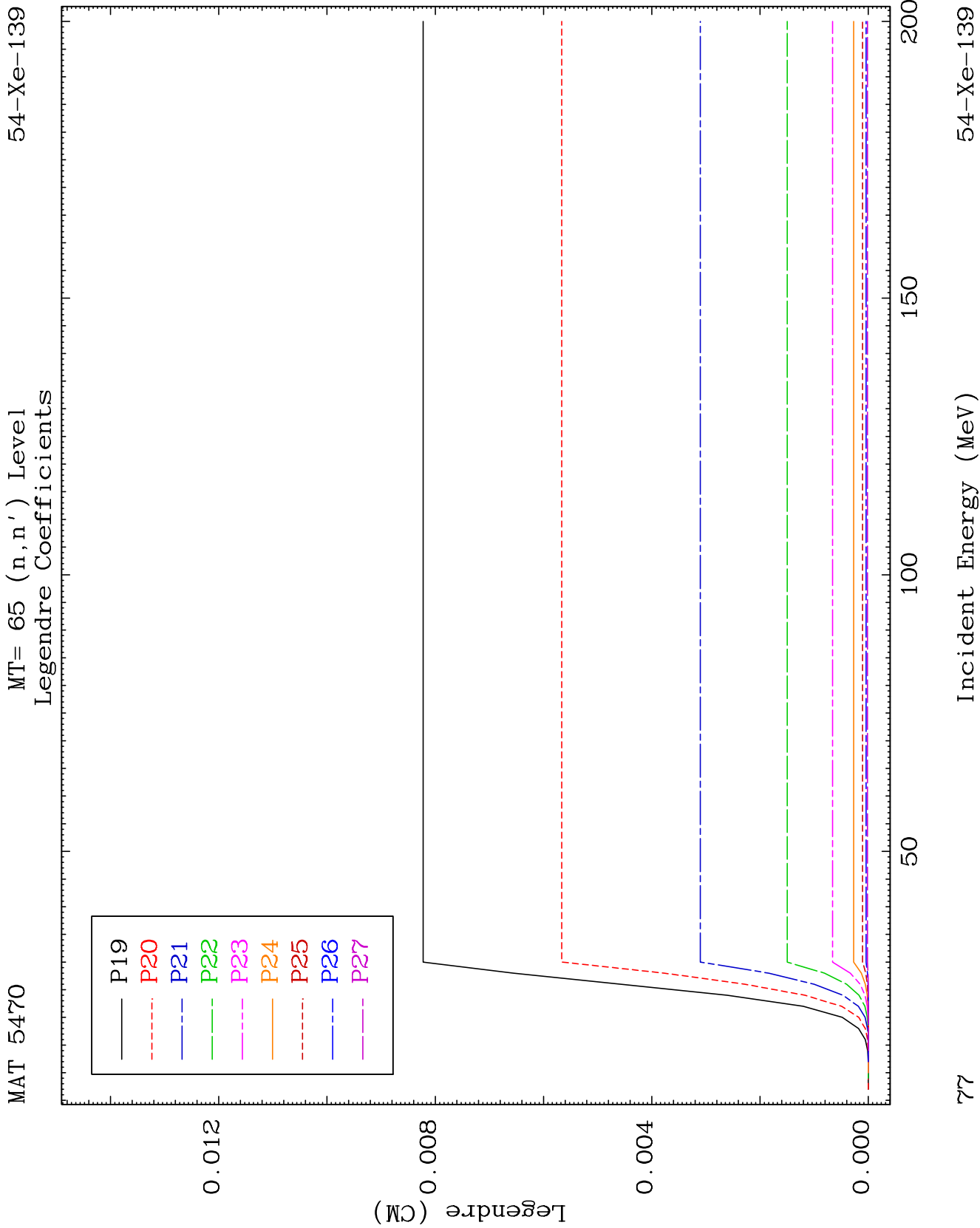


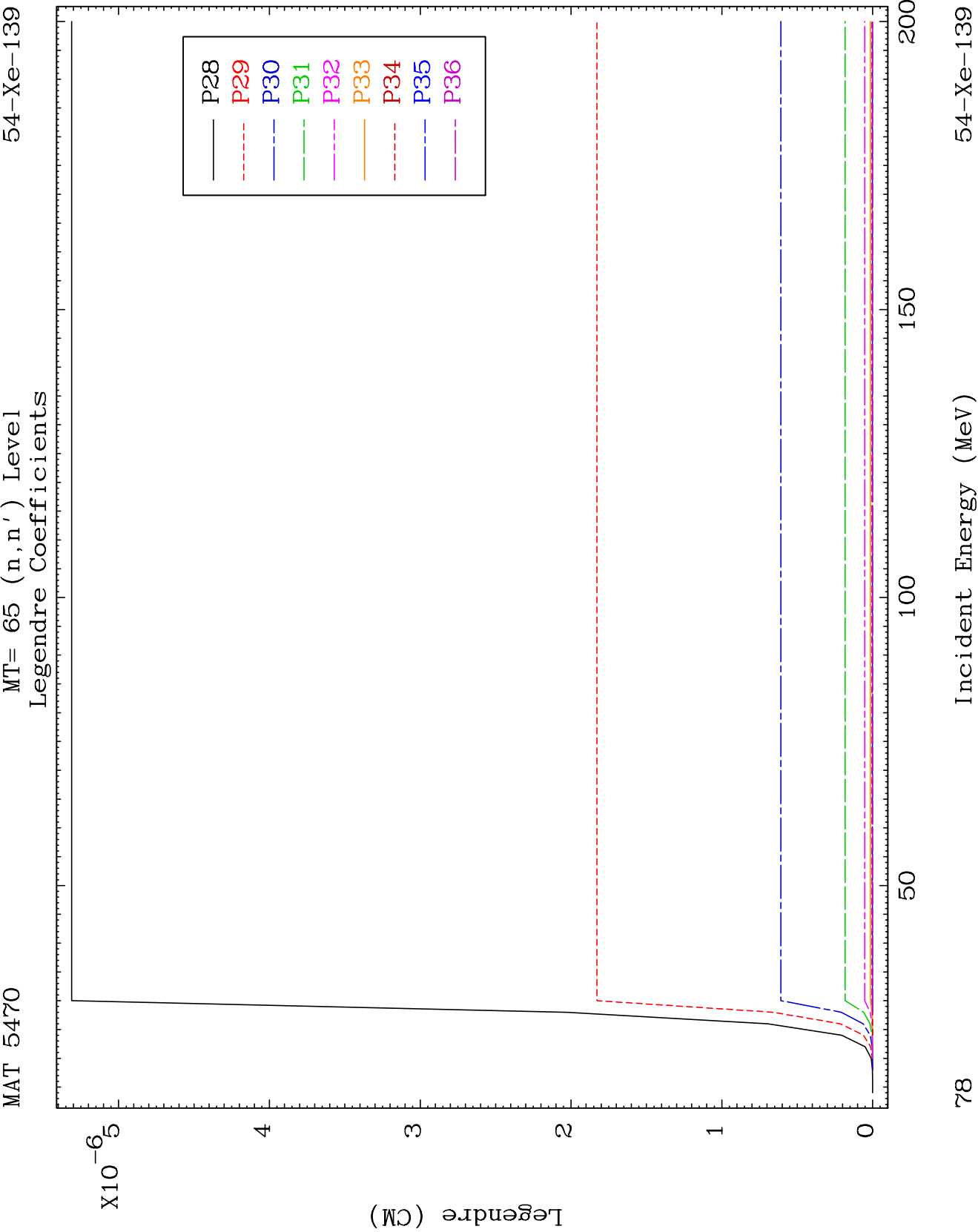


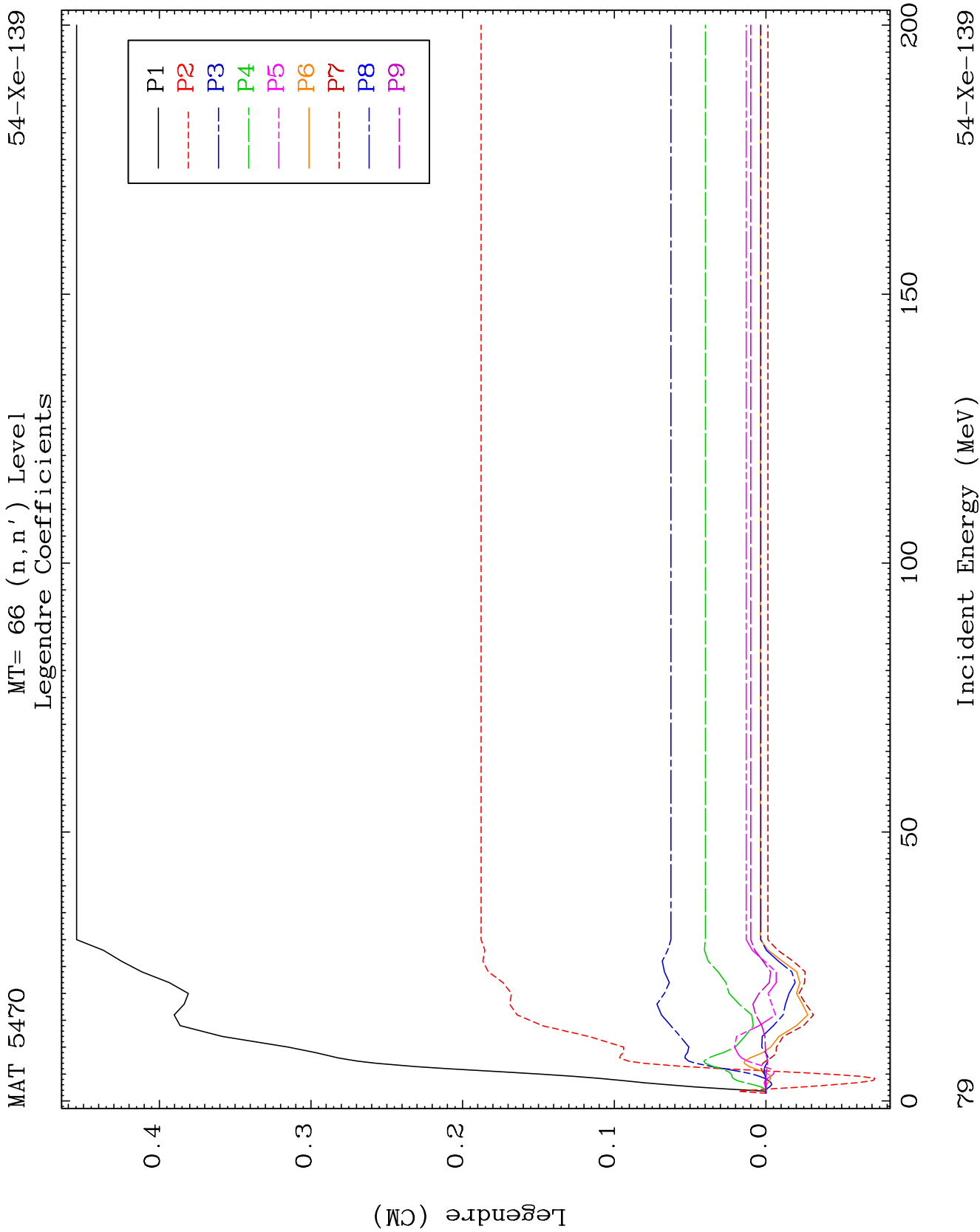


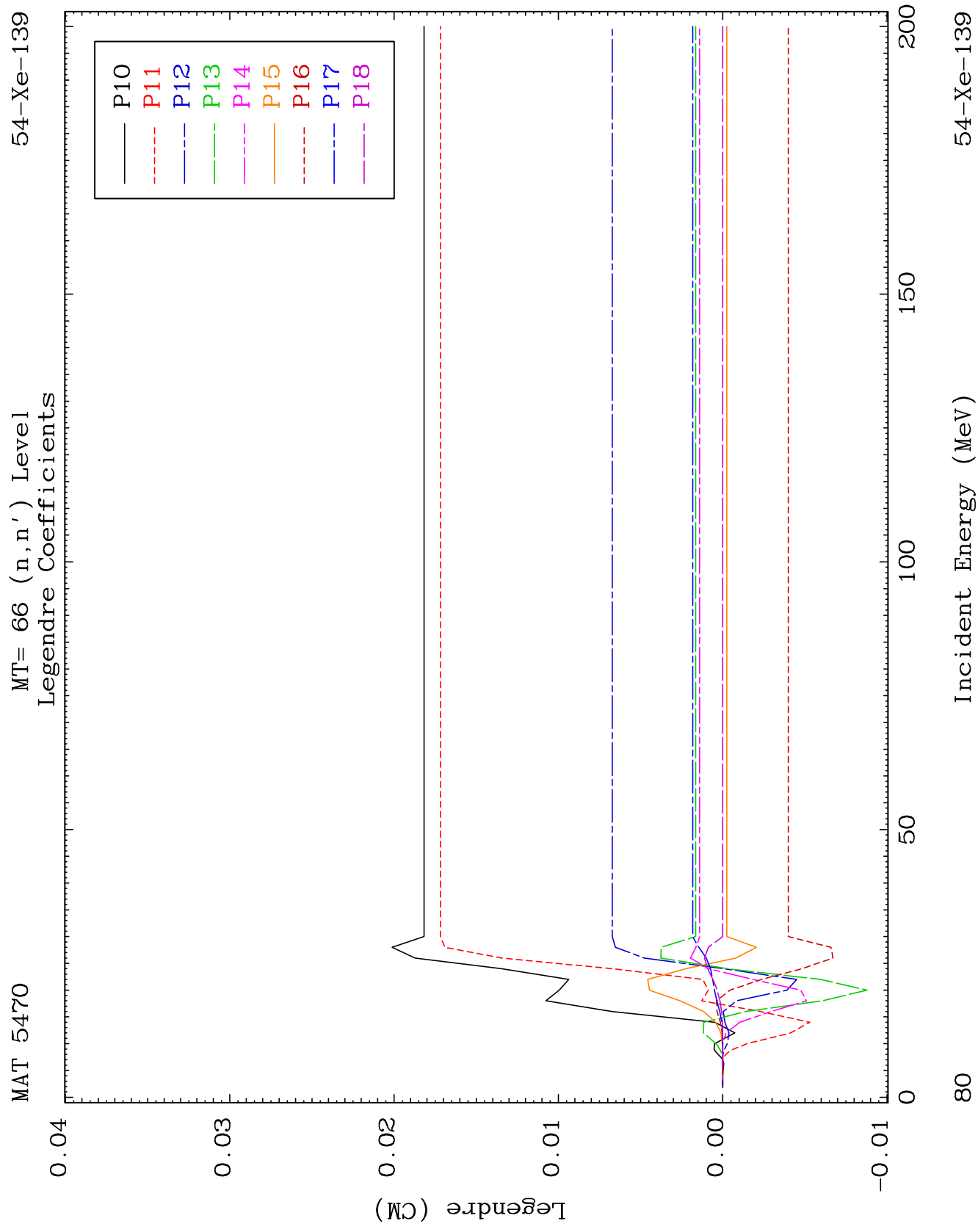


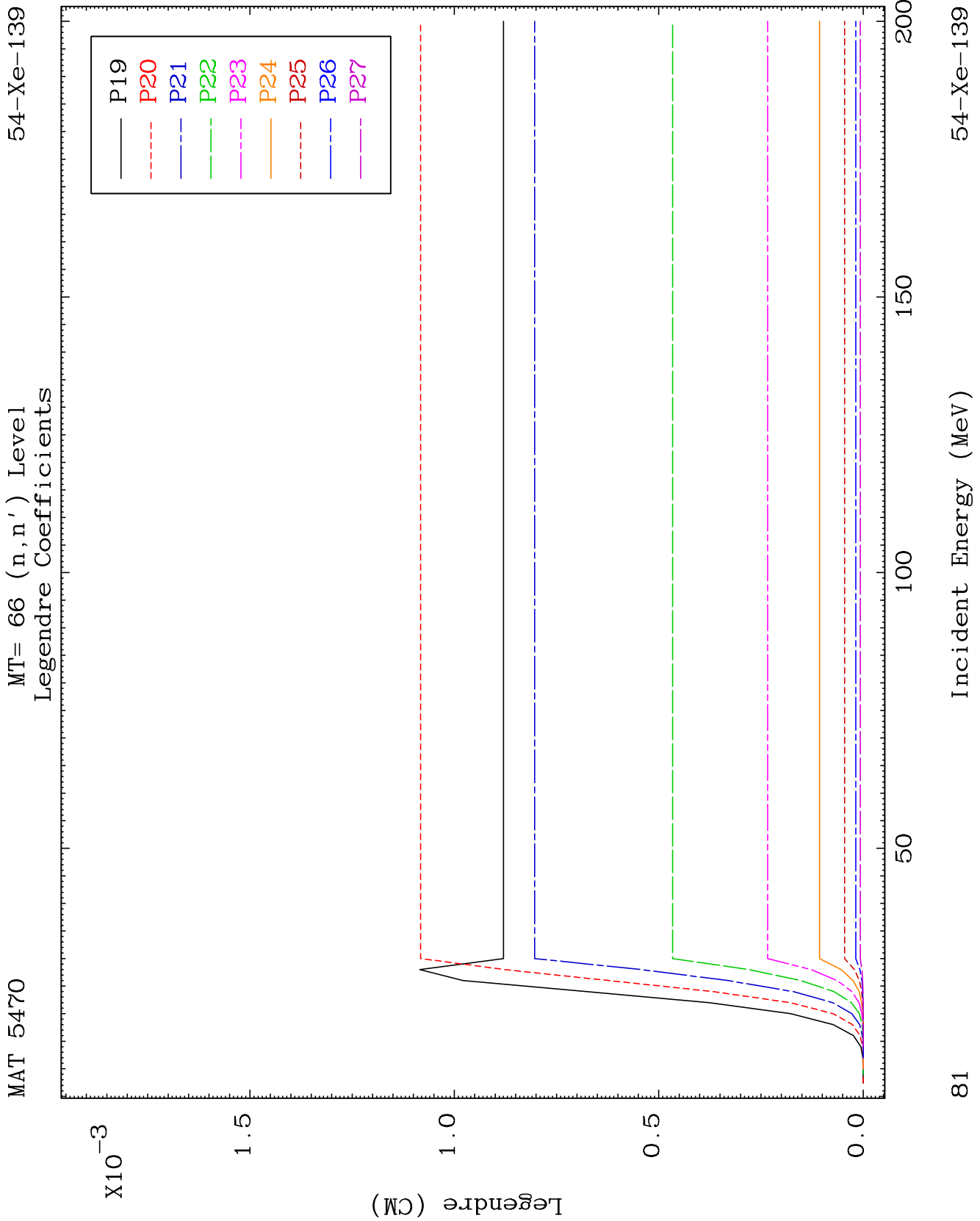


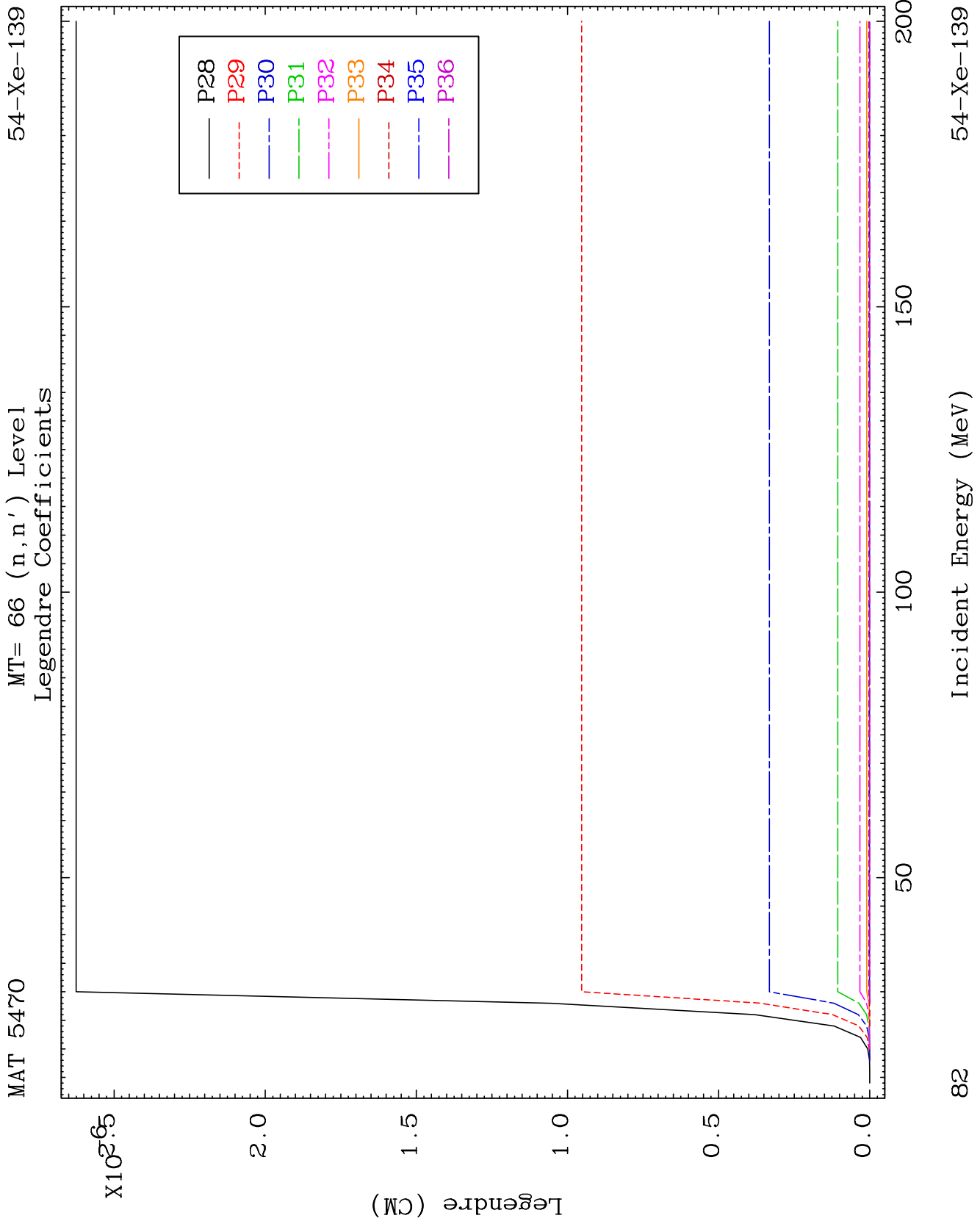








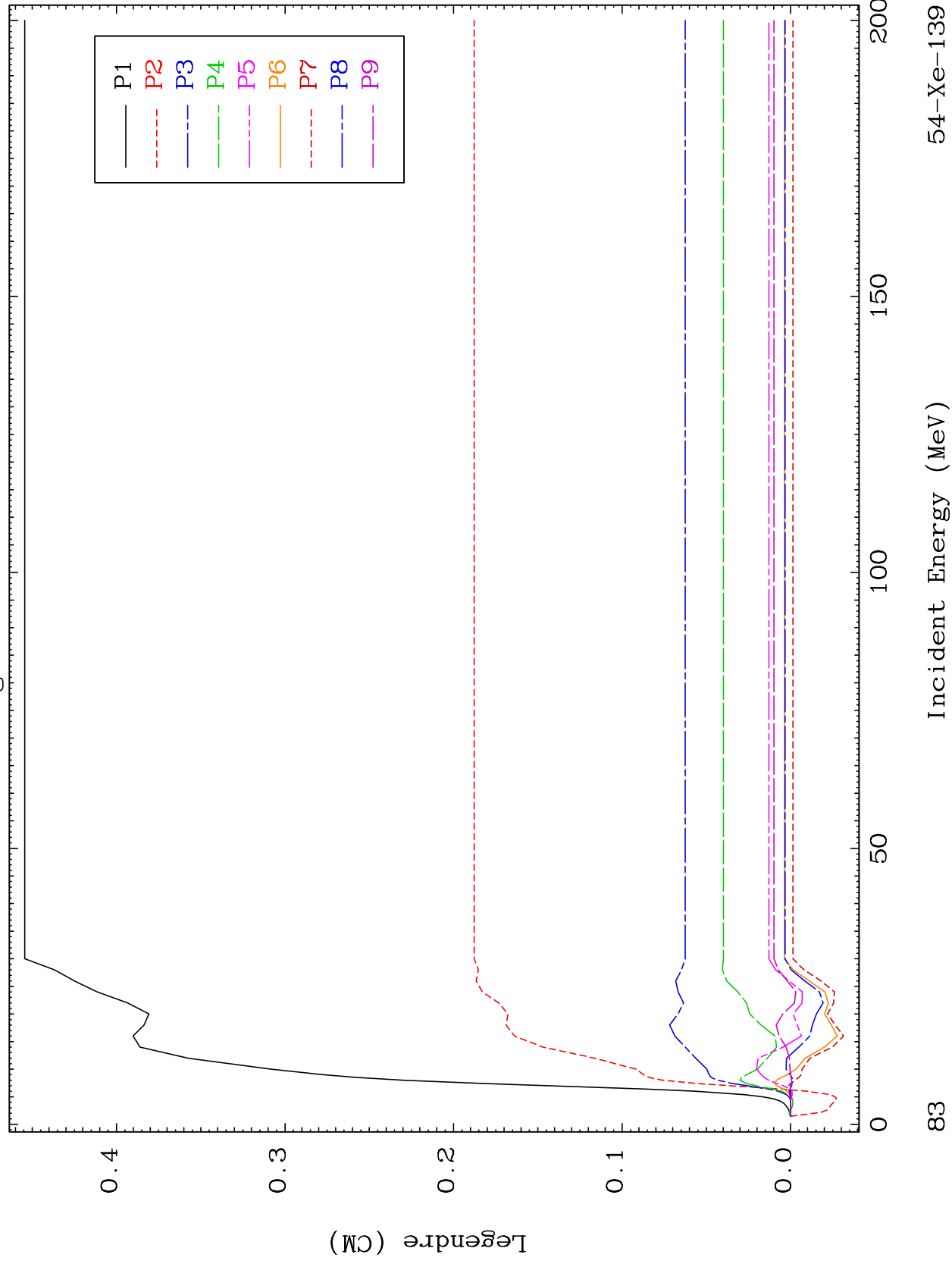




MAT 5470

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

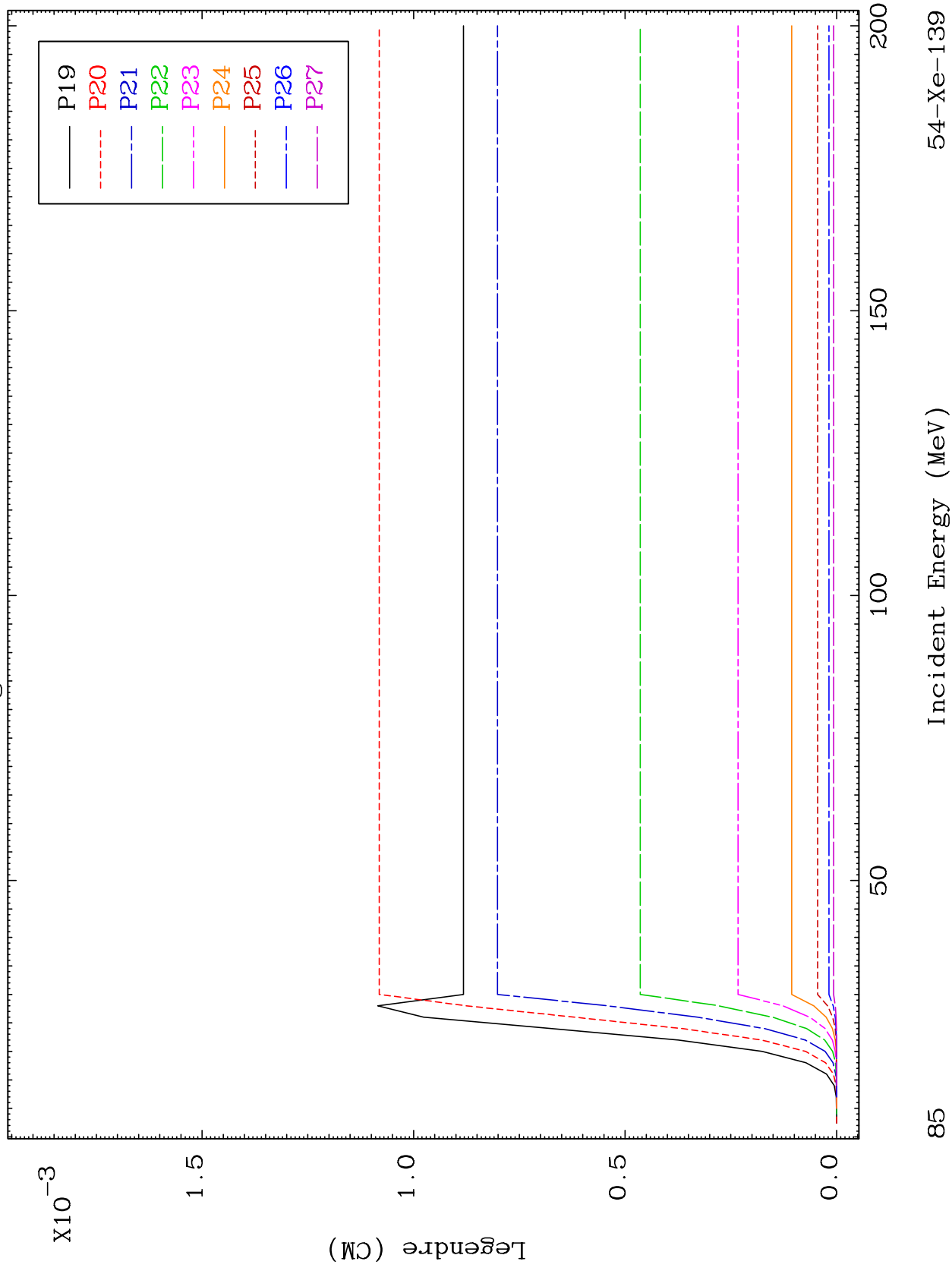
54-Xe-139



MAT 5470

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

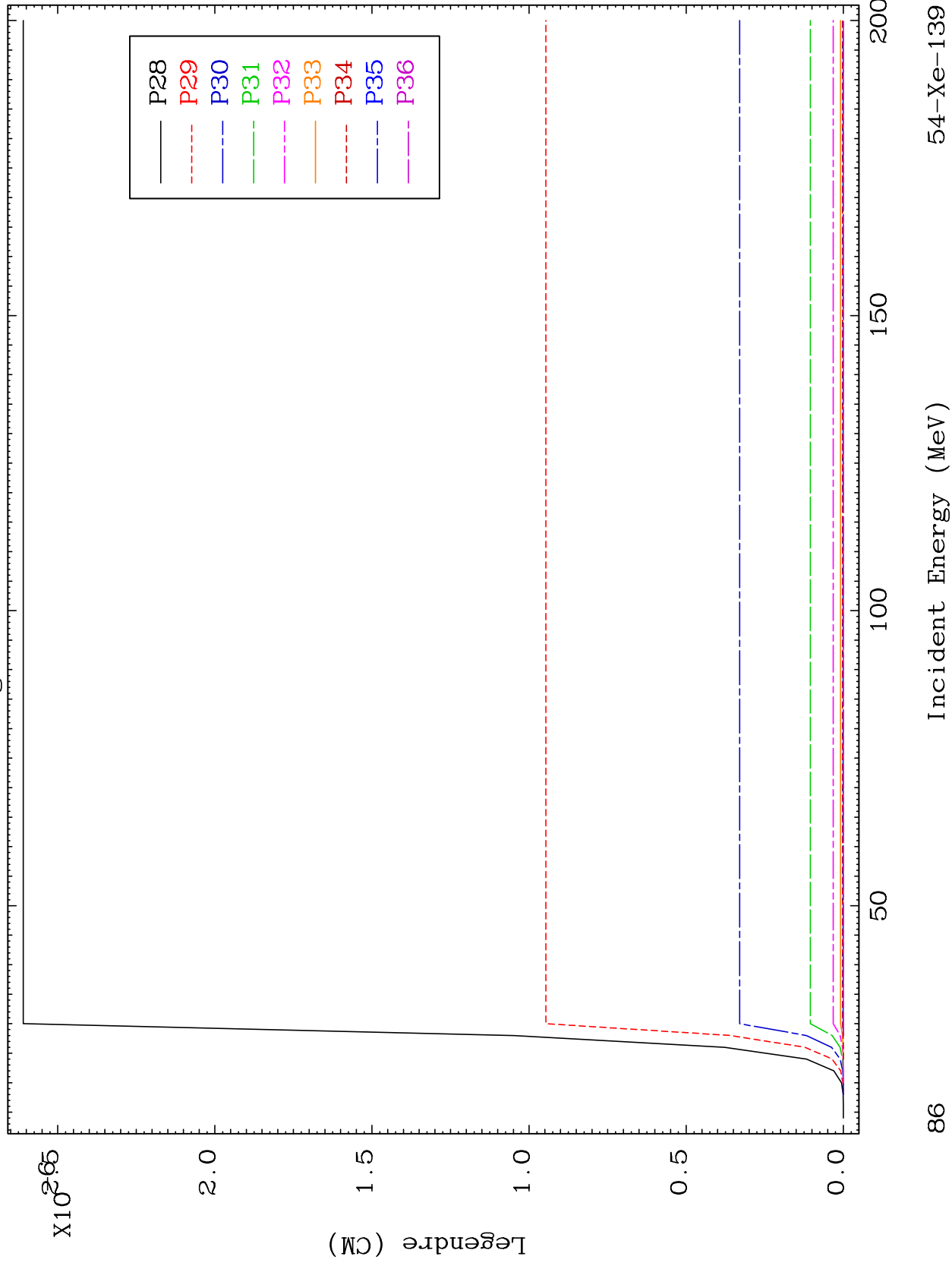
54-Xe-139

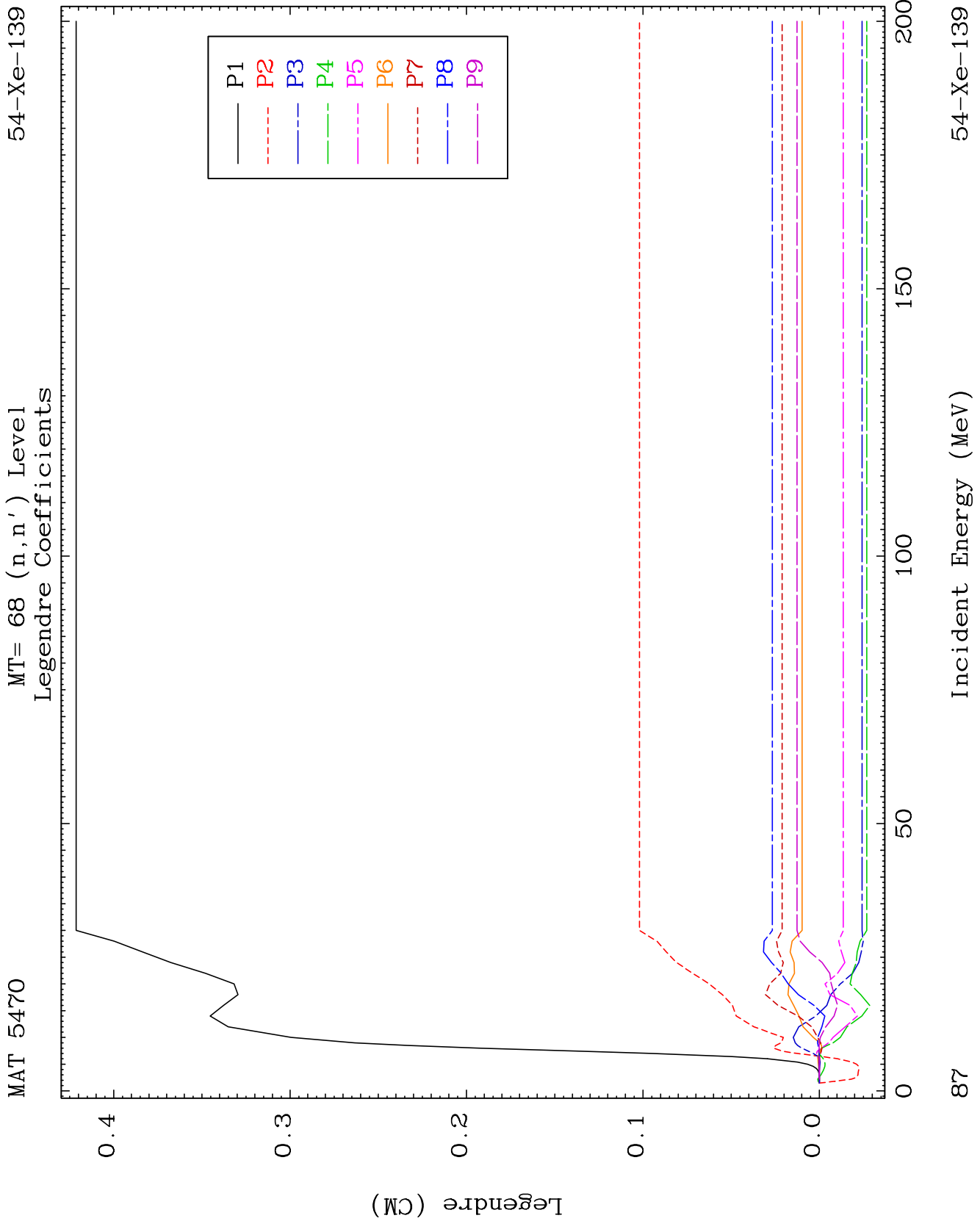


MAT 5470

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

54-Xe-139

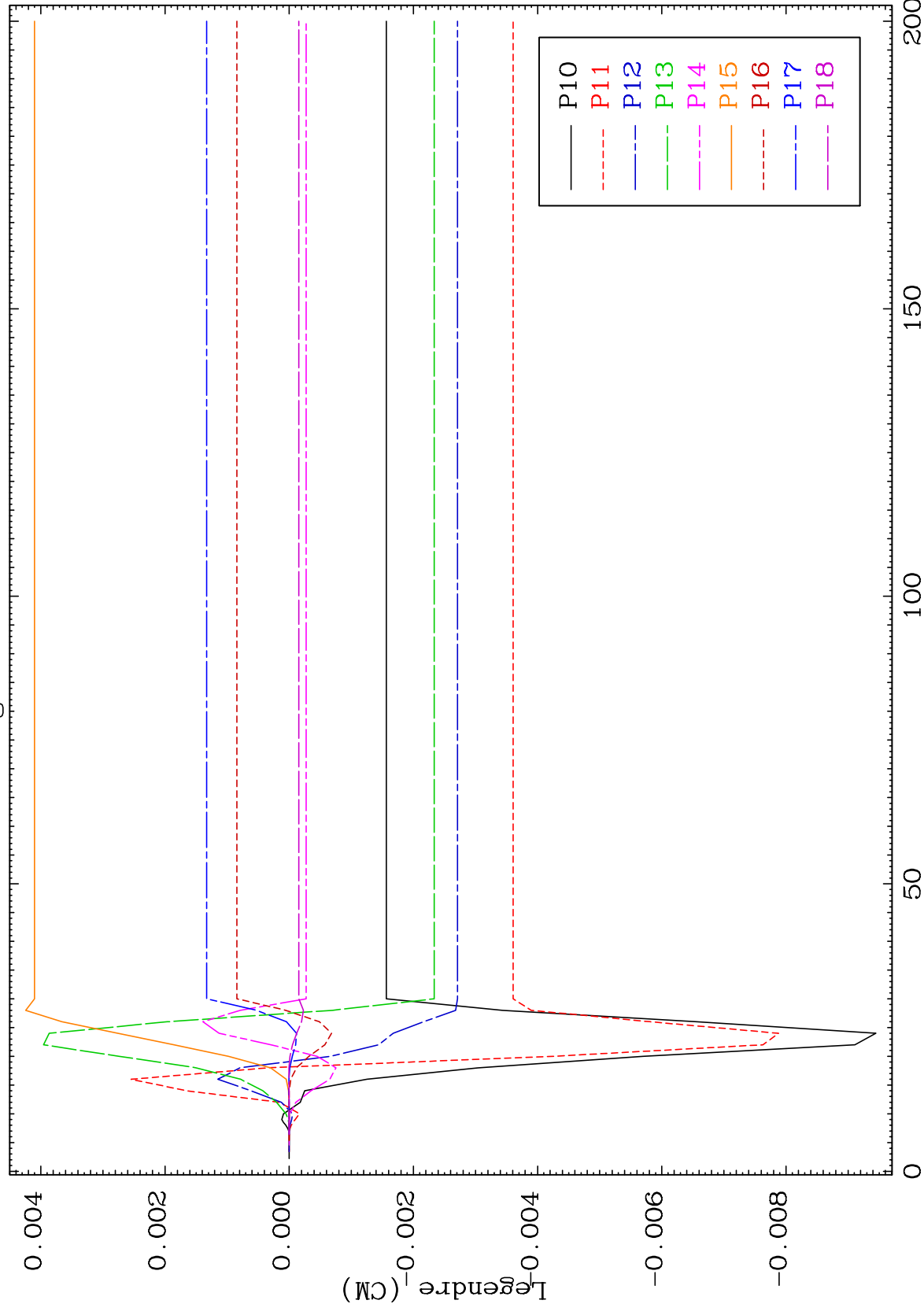




MAT 5470

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

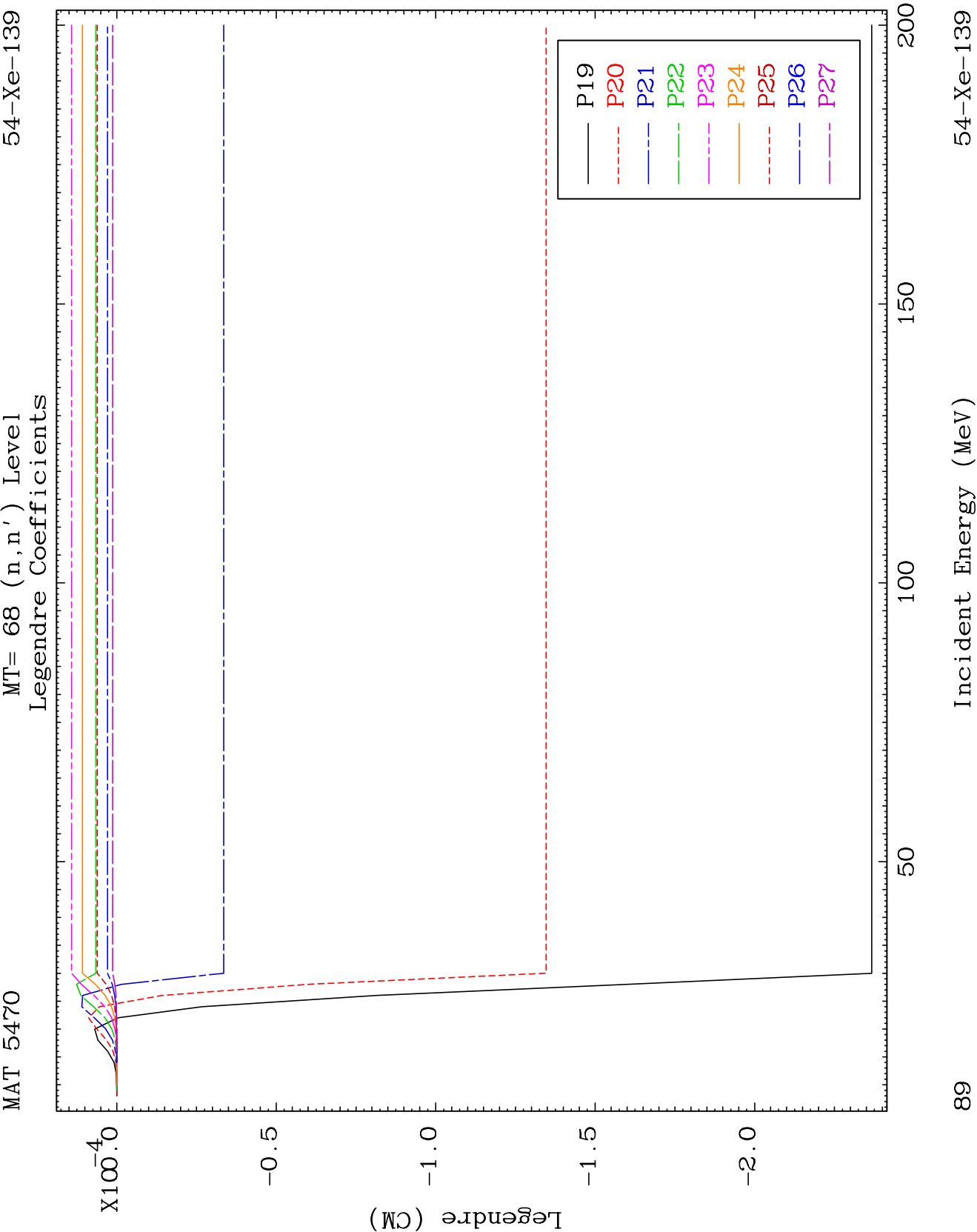
54-Xe-139

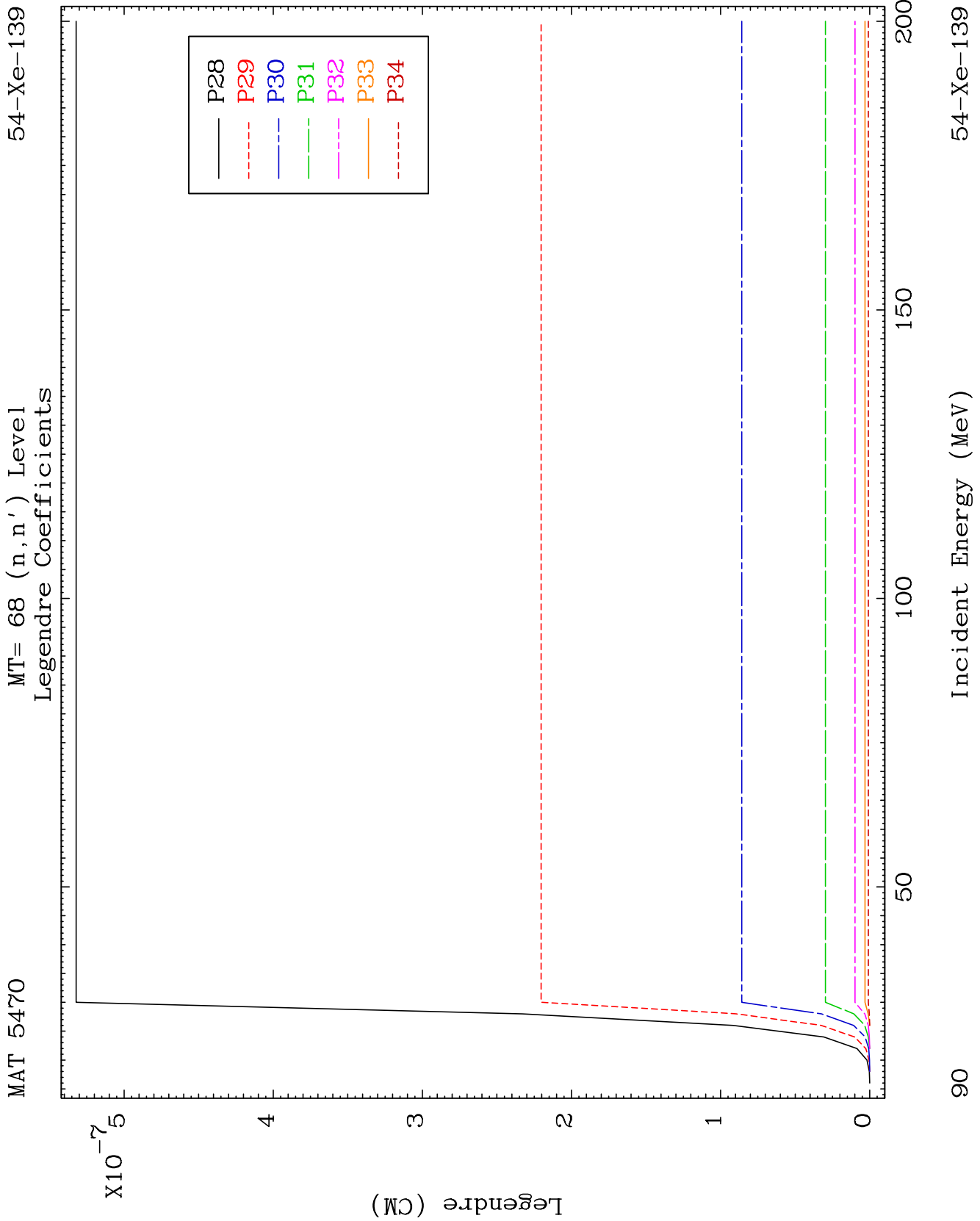


88

Incident Energy (MeV)

54-Xe-139

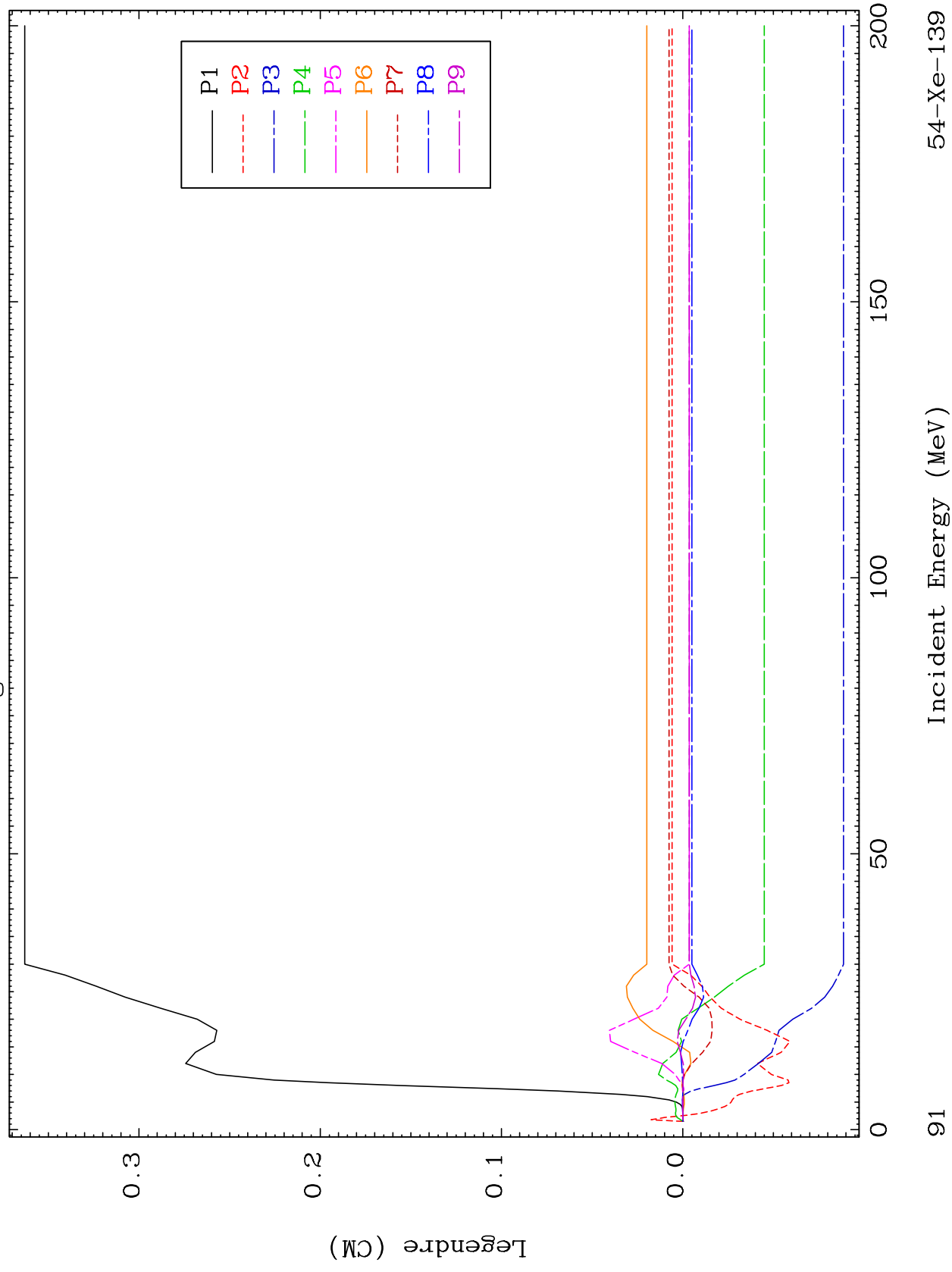




MAT 5470

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

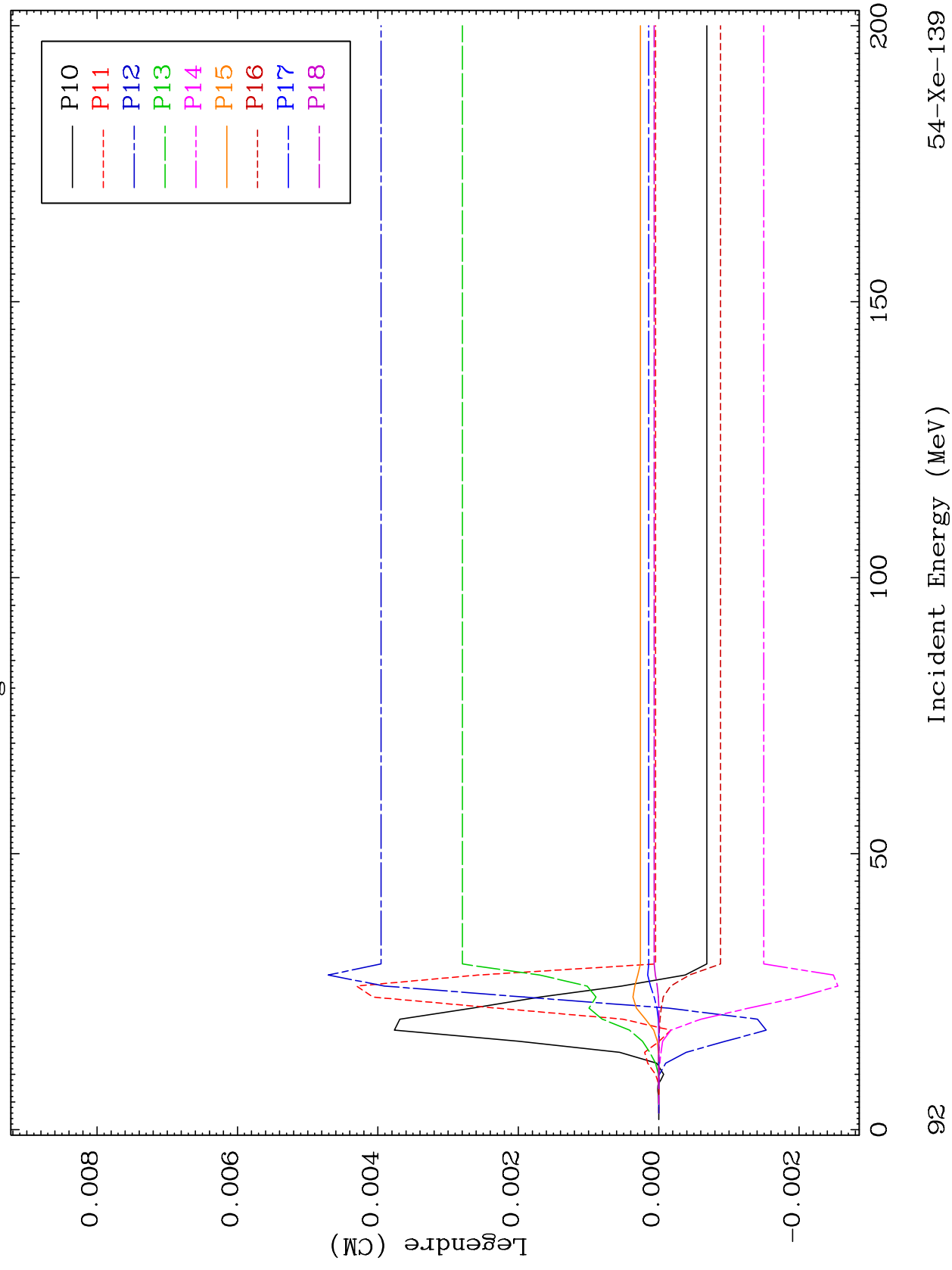
54-Xe-139

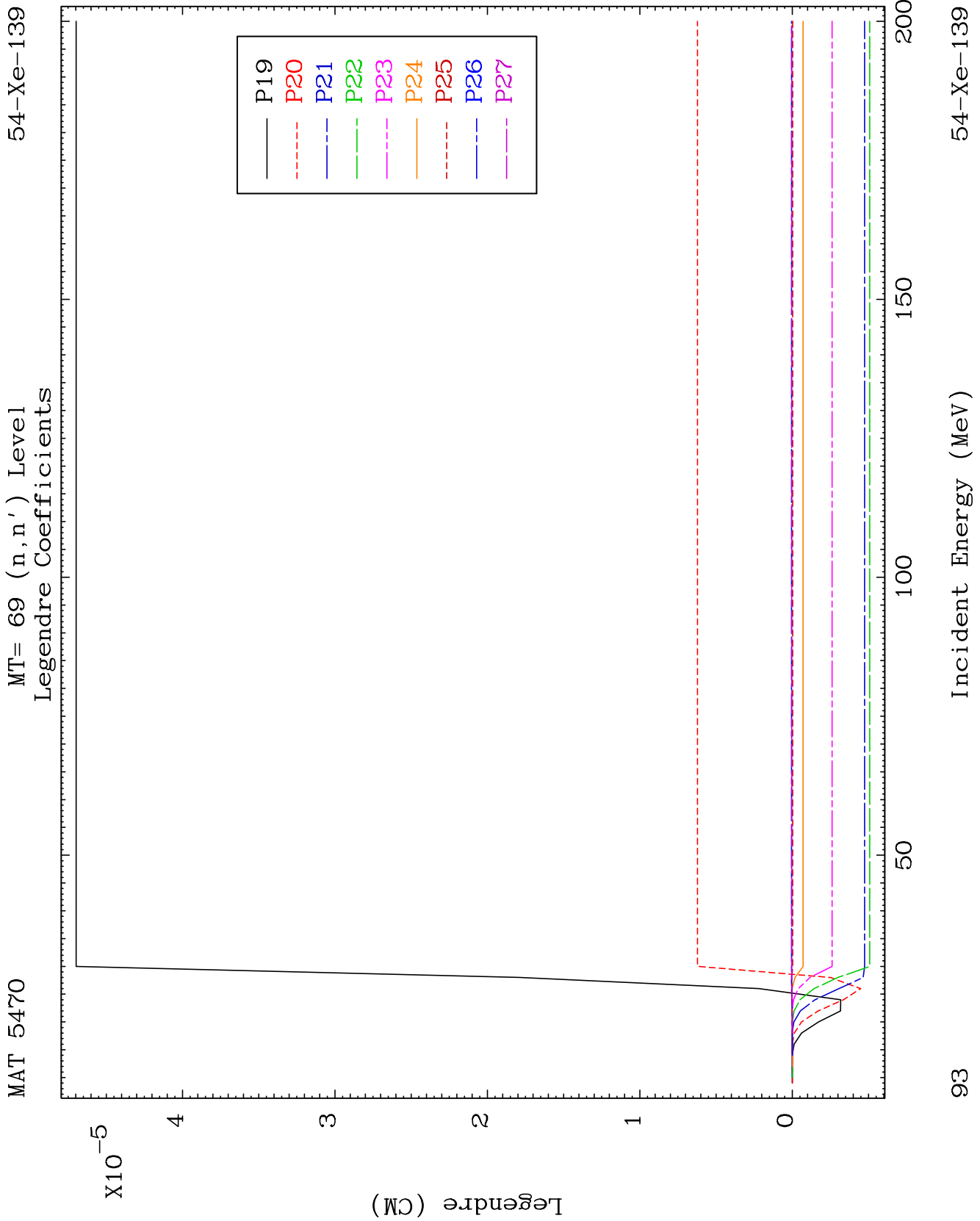


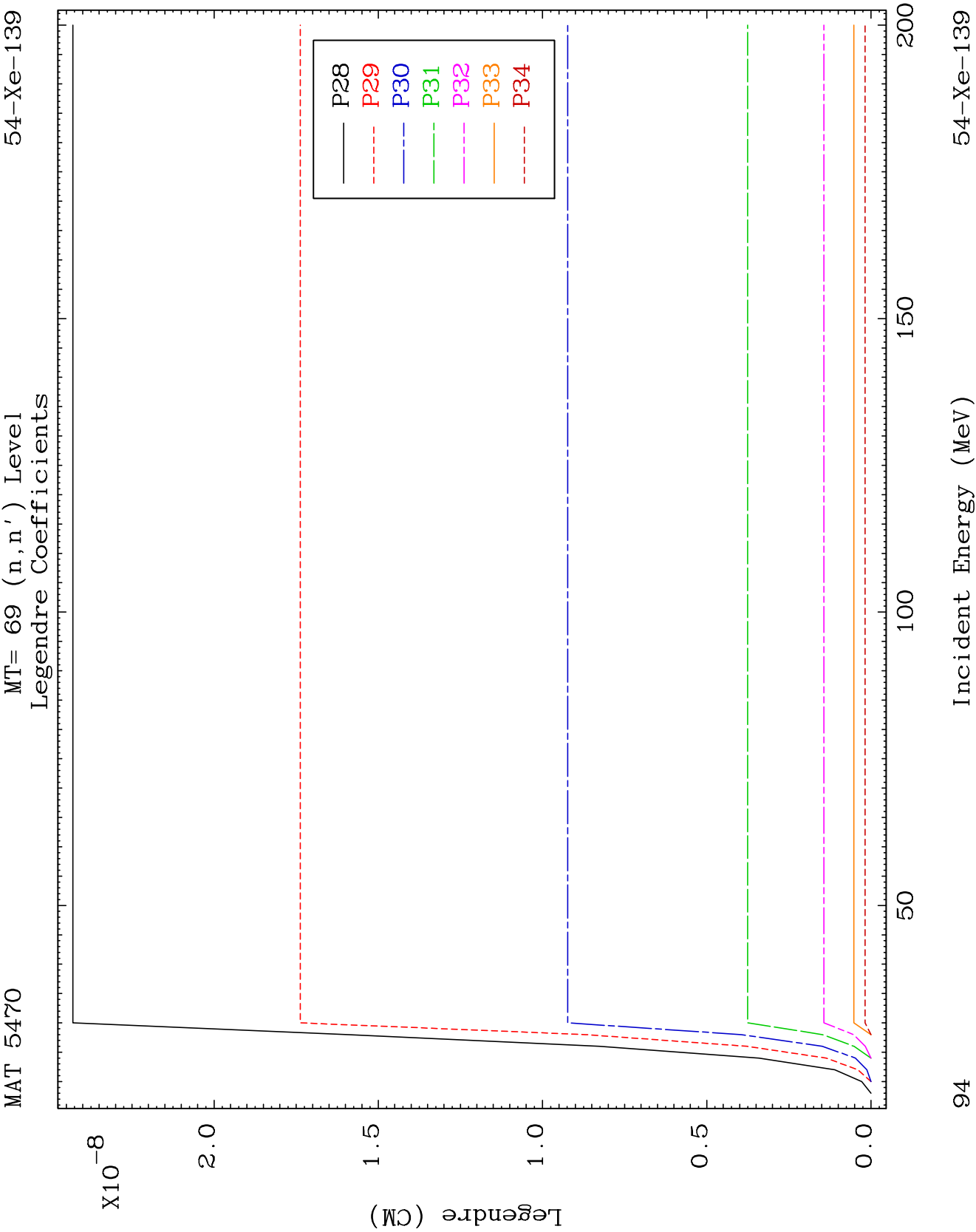
MAT 5470

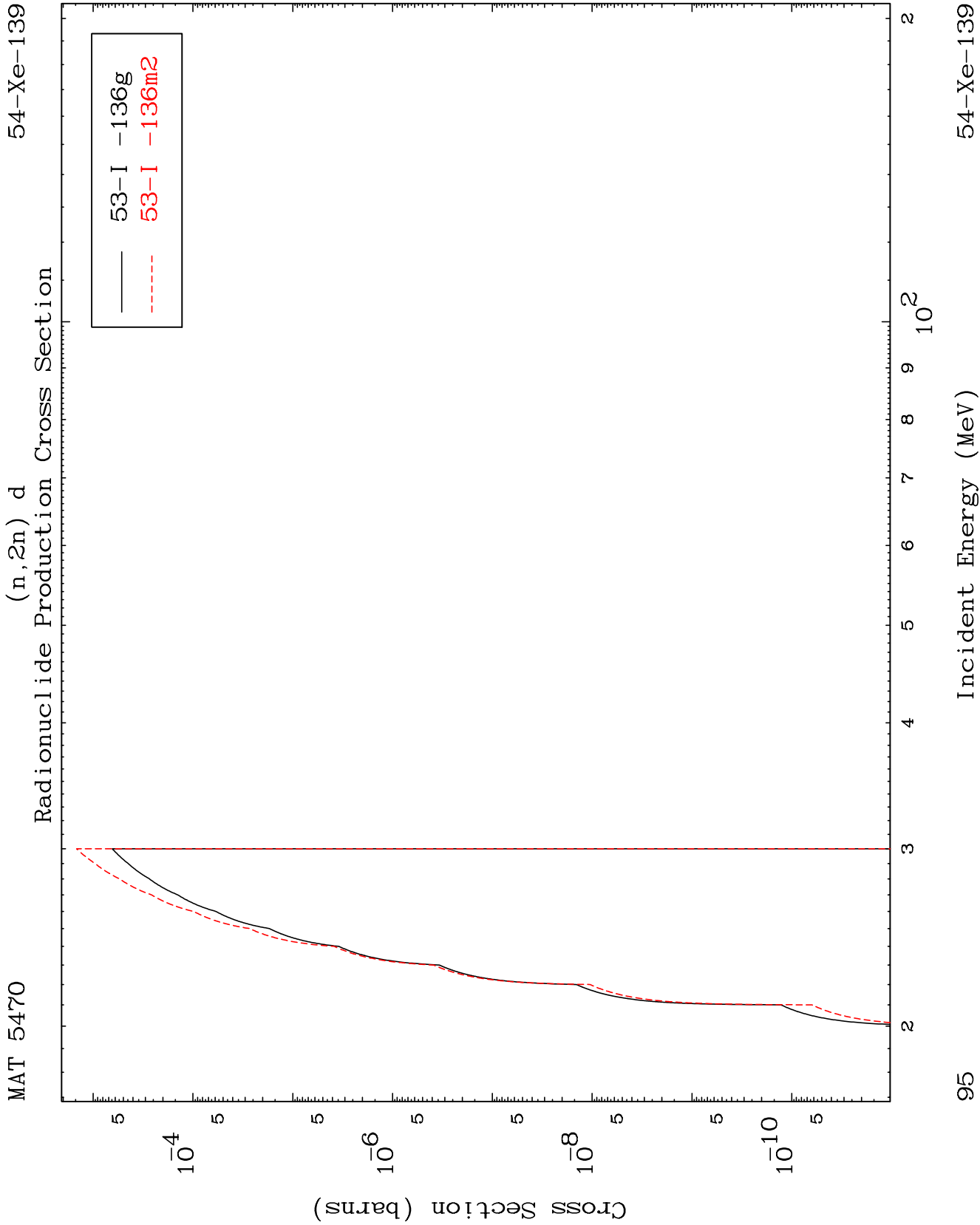
MT= 69 (n, n') Level
Legendre Coefficients

54-Xe-139

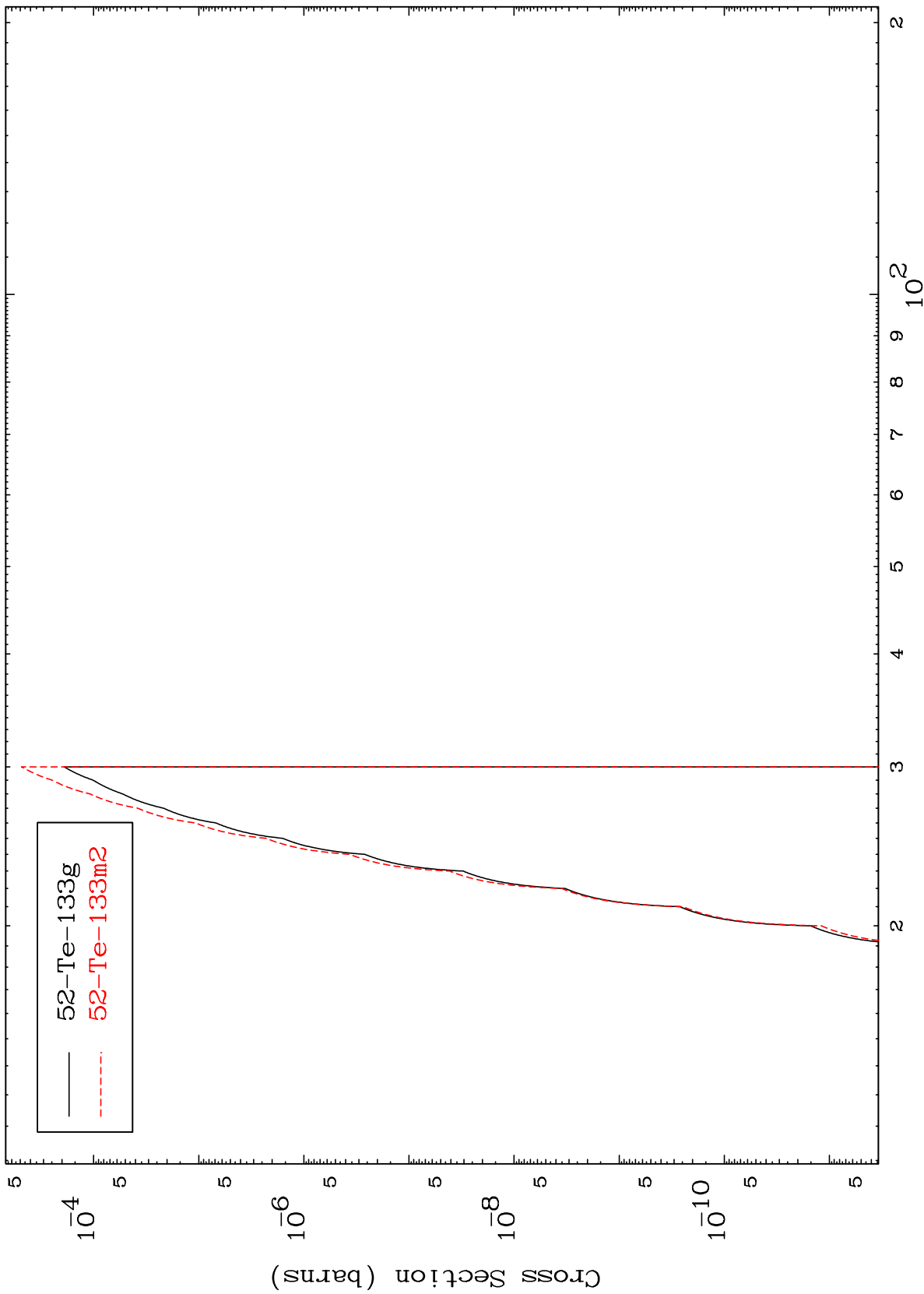








Radionuclide Production Cross Section

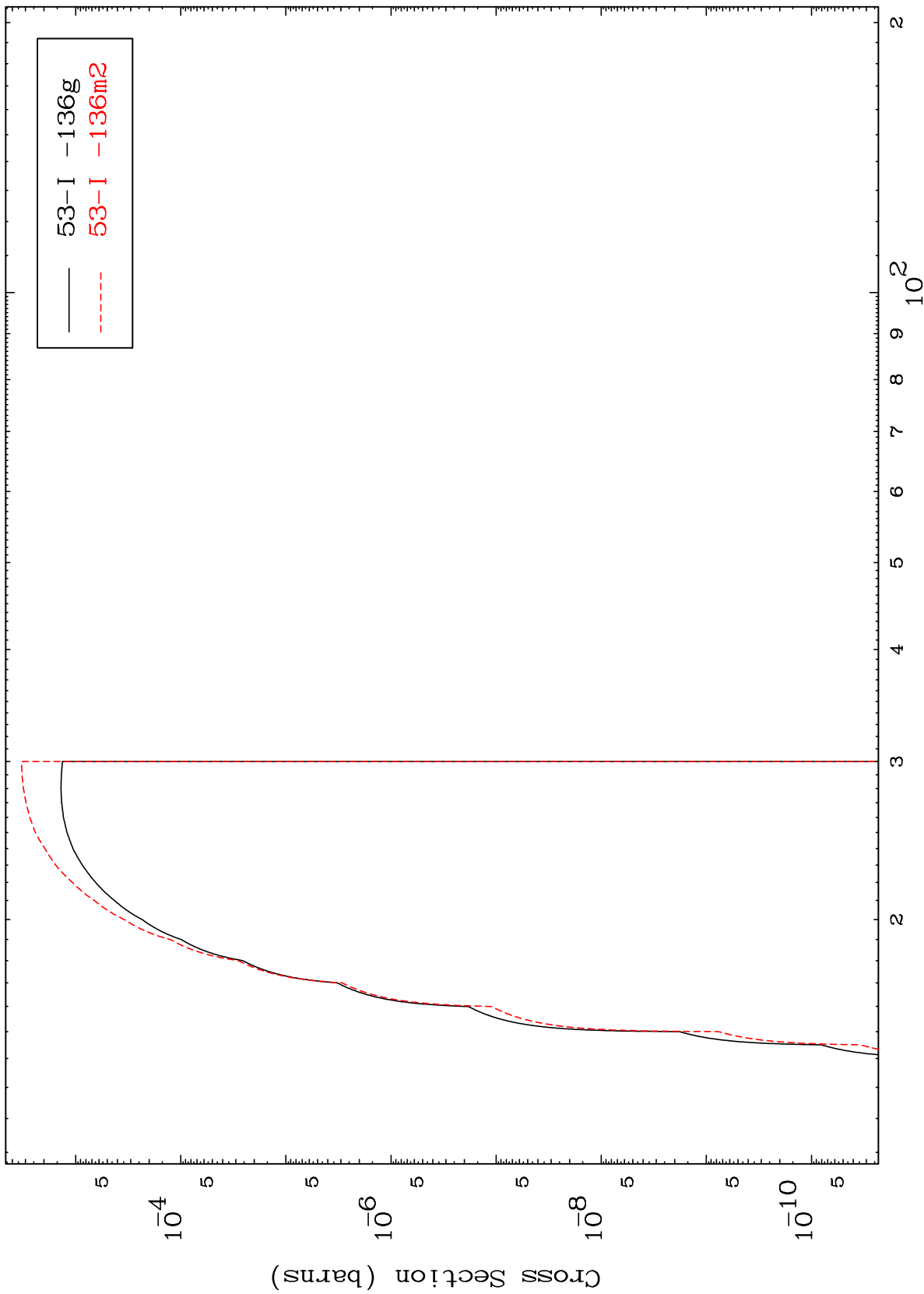


MAT 5470

(n,n') t

54-Xe-139

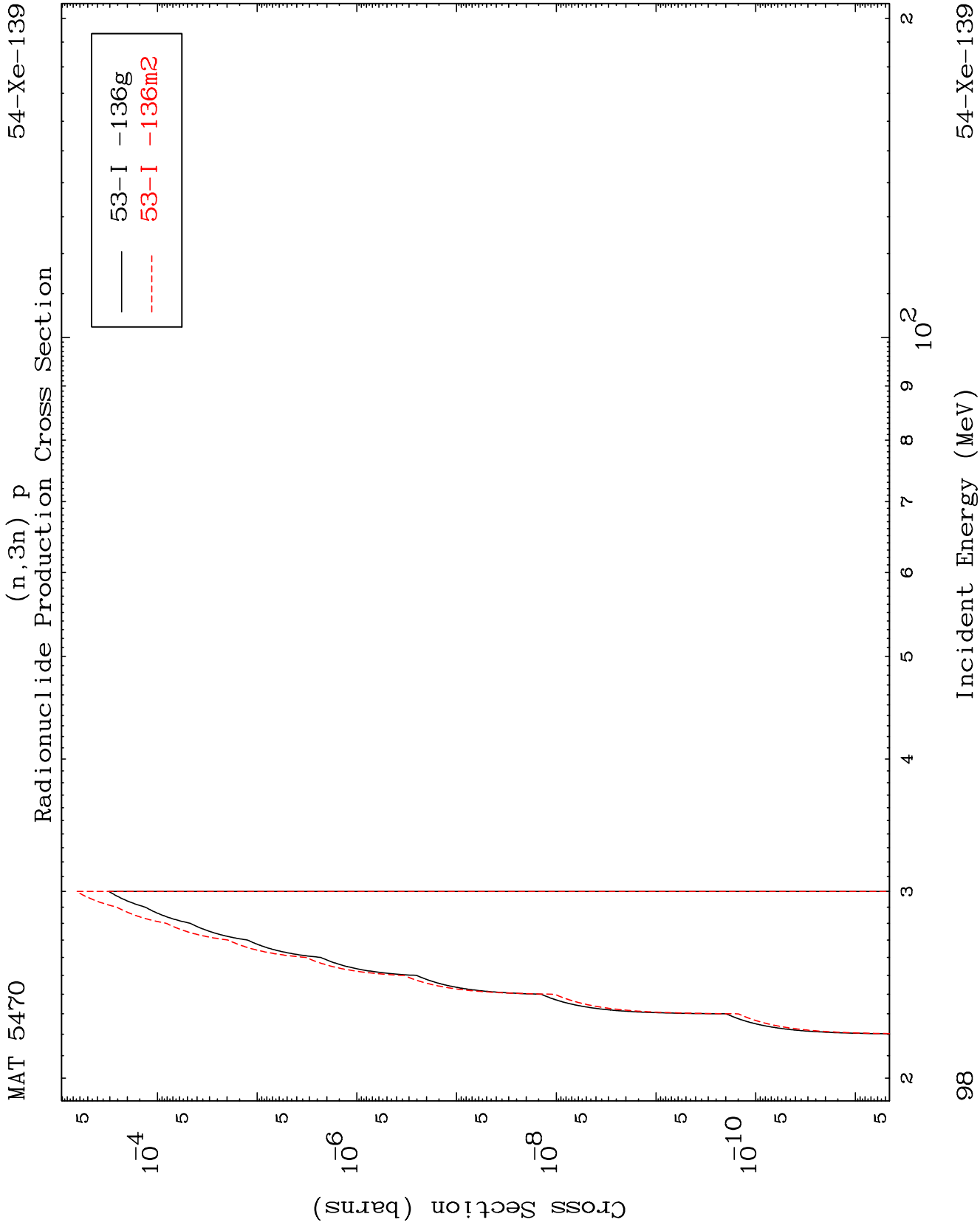
Radionuclide Production Cross Section



97

Incident Energy (MeV)

54-Xe-139



MAT 5470

 $^{54}\text{-Xe-139}$ $(n, d) \propto$

Radionuclide Production Cross Section

