

Program EVALPLOT
(Version 2021-1)

by

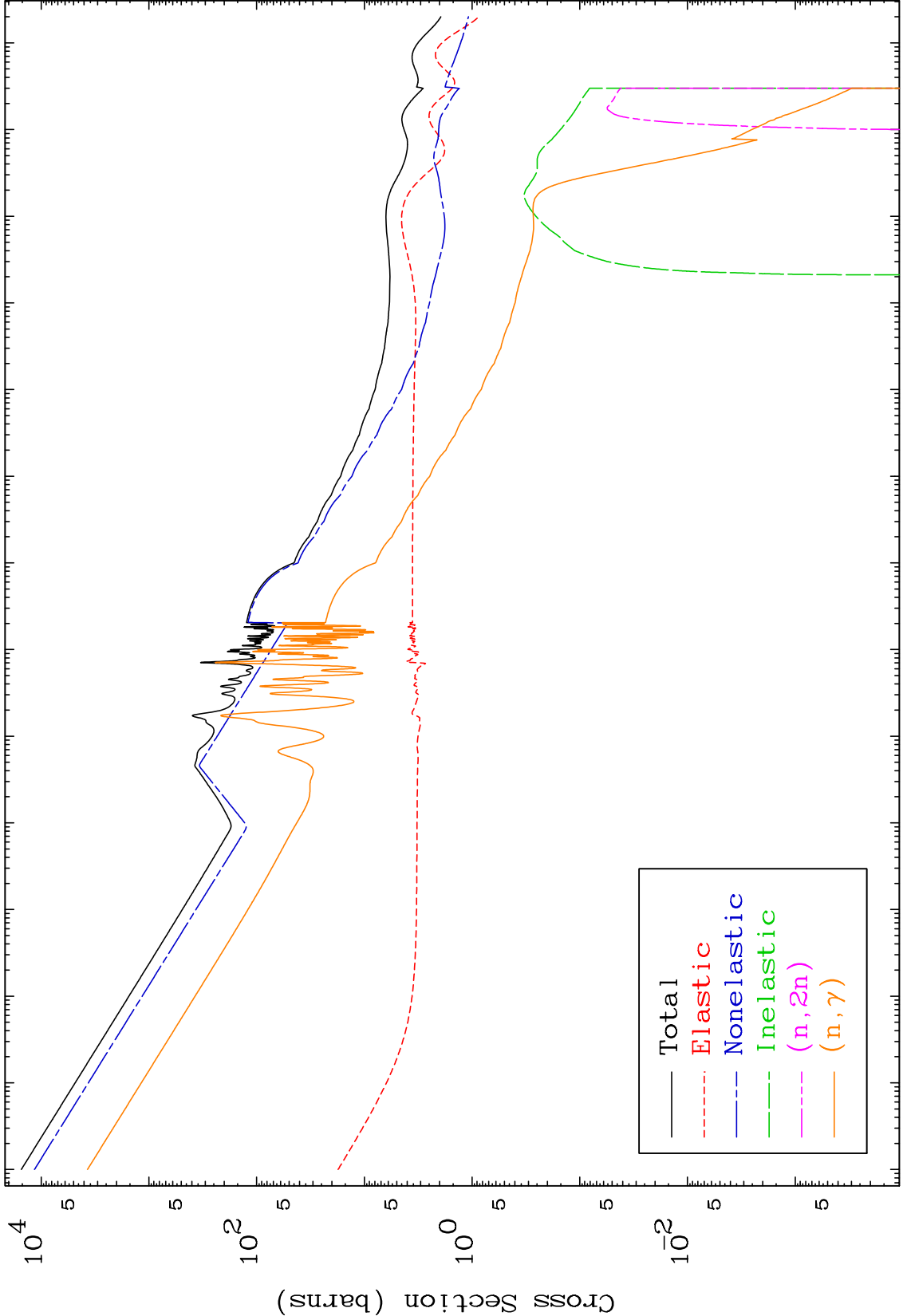
Dermott E. Cullen
(Present Contact Information)

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

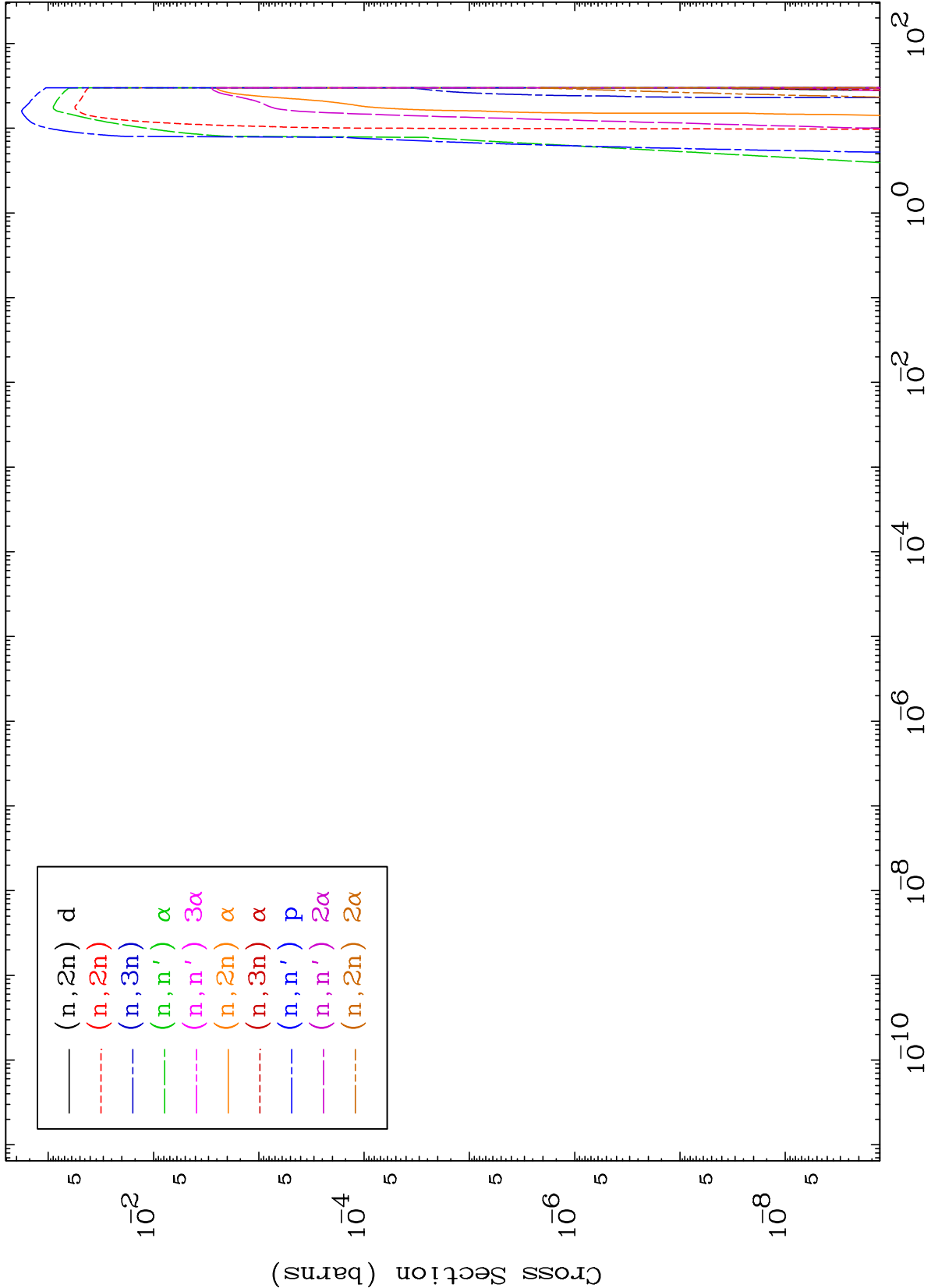
Press Mouse Button to Start

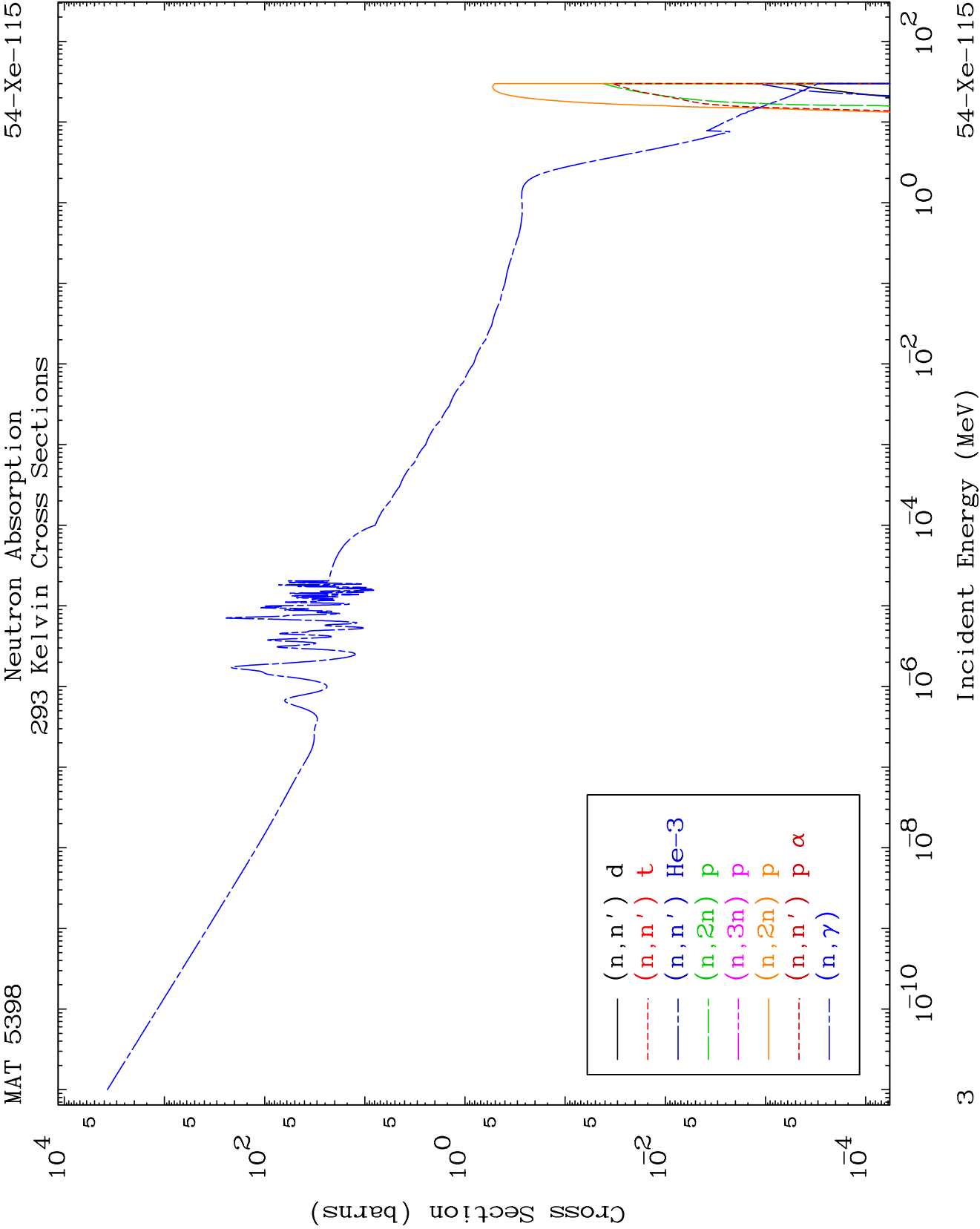


MAT 5398

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-115

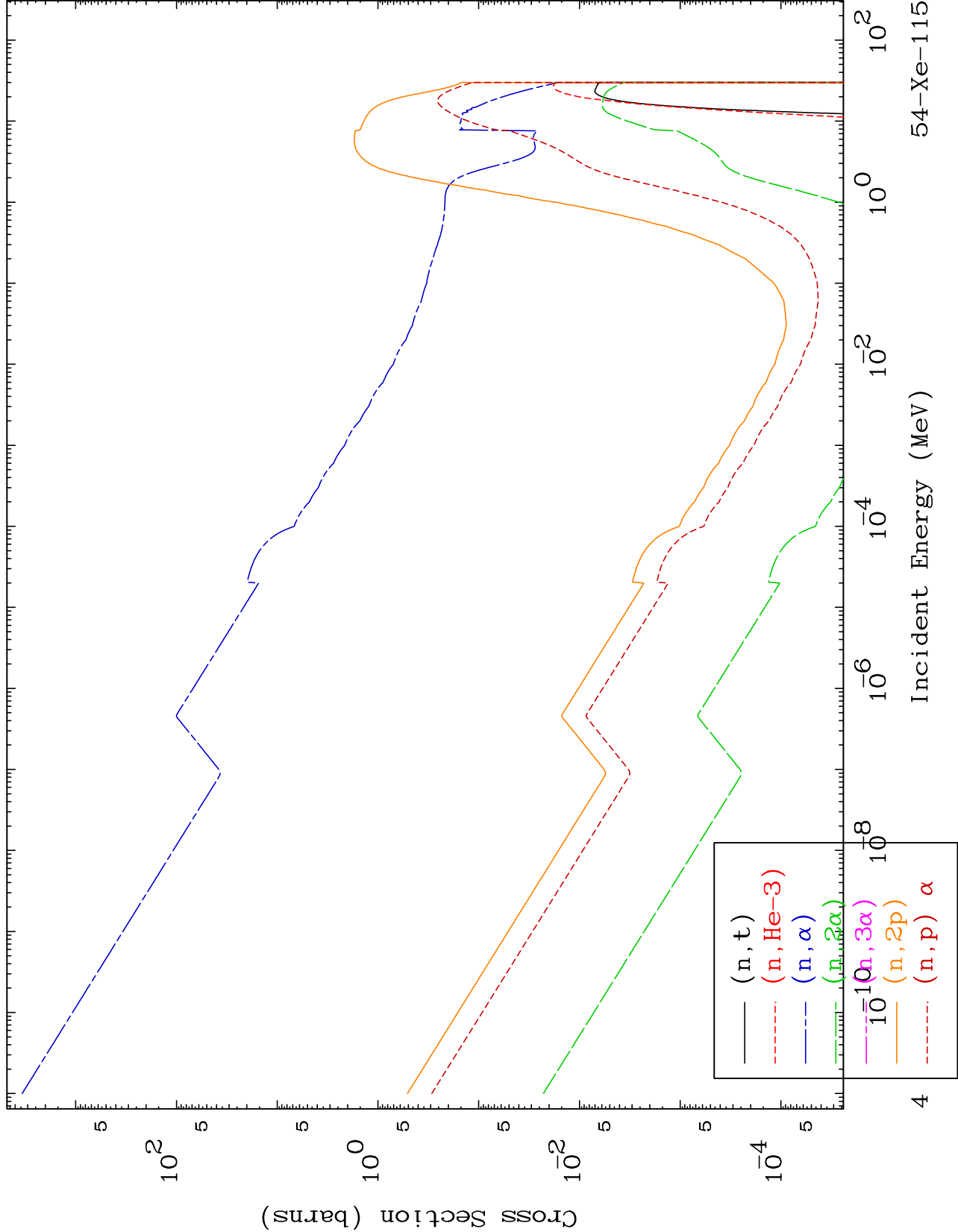


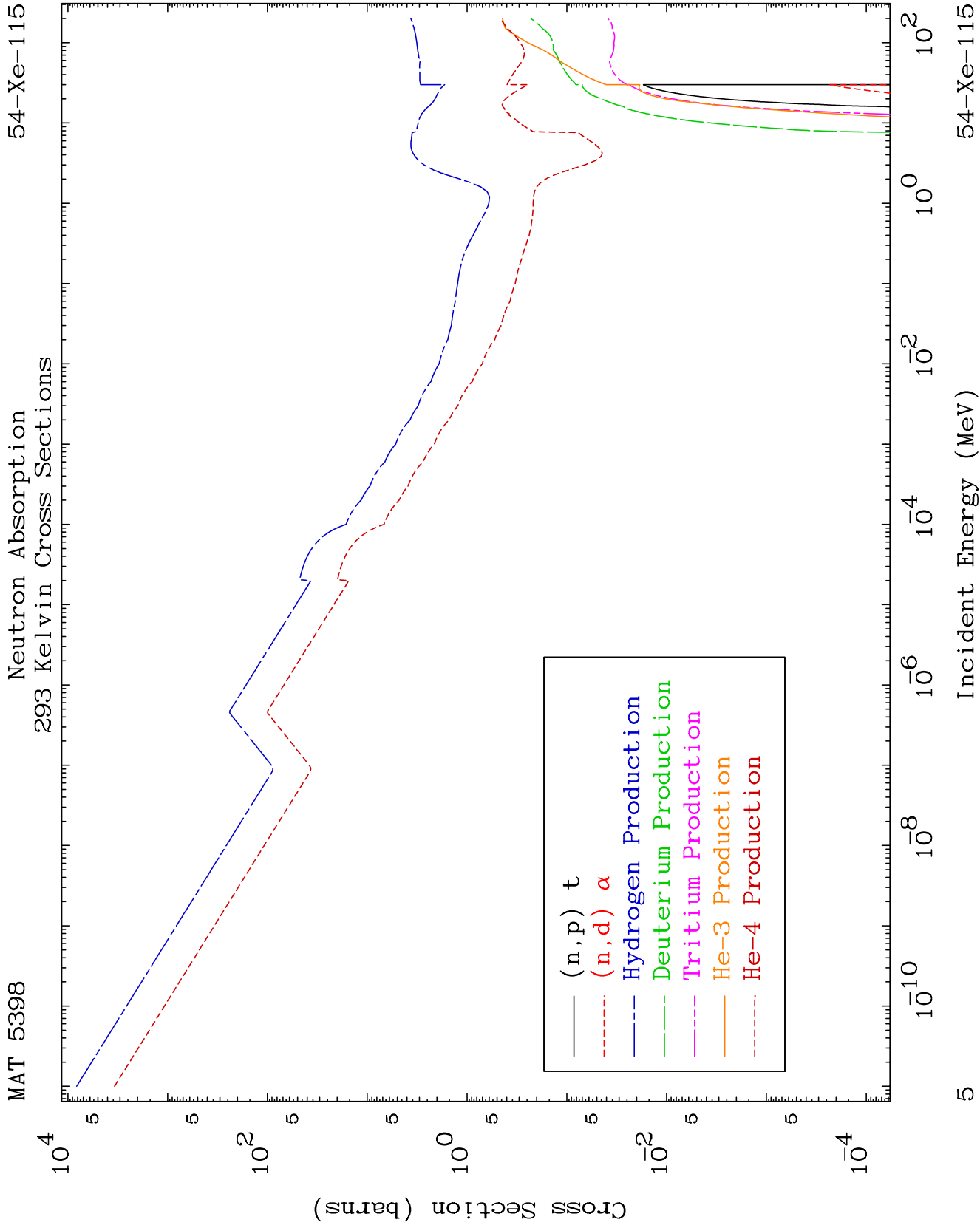


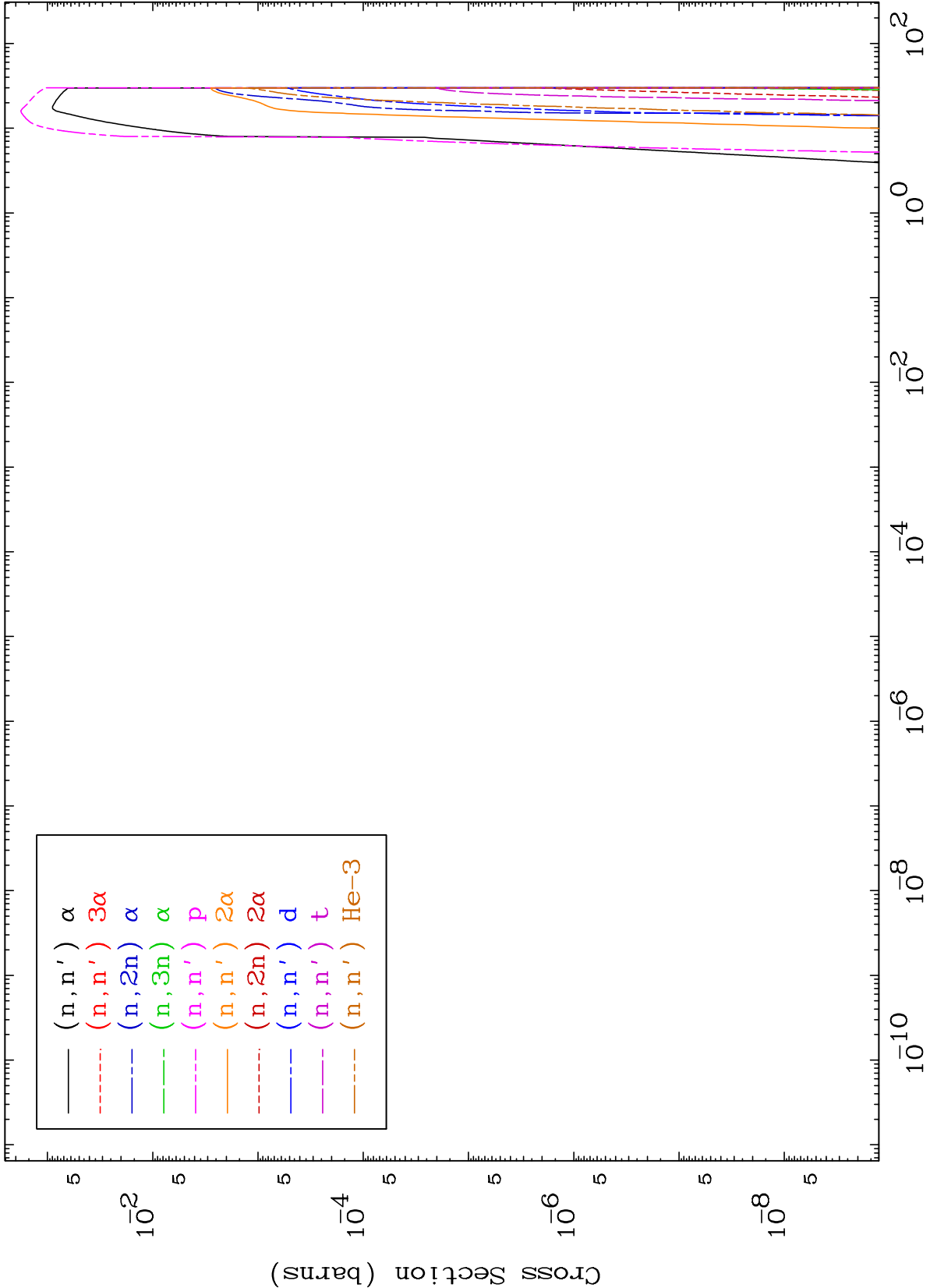
MAT 5398

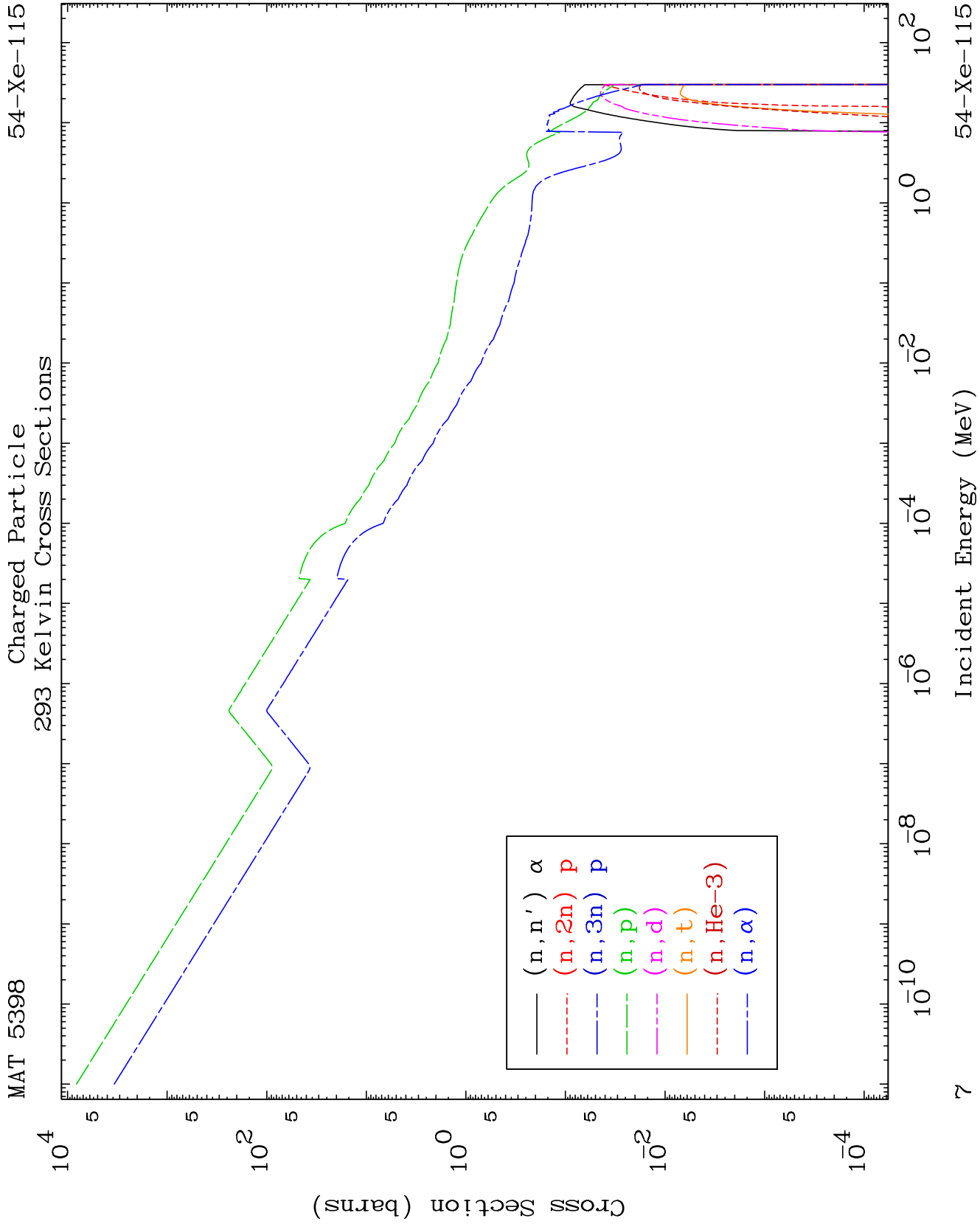
Neutron Absorption
293 Kelvin Cross Sections

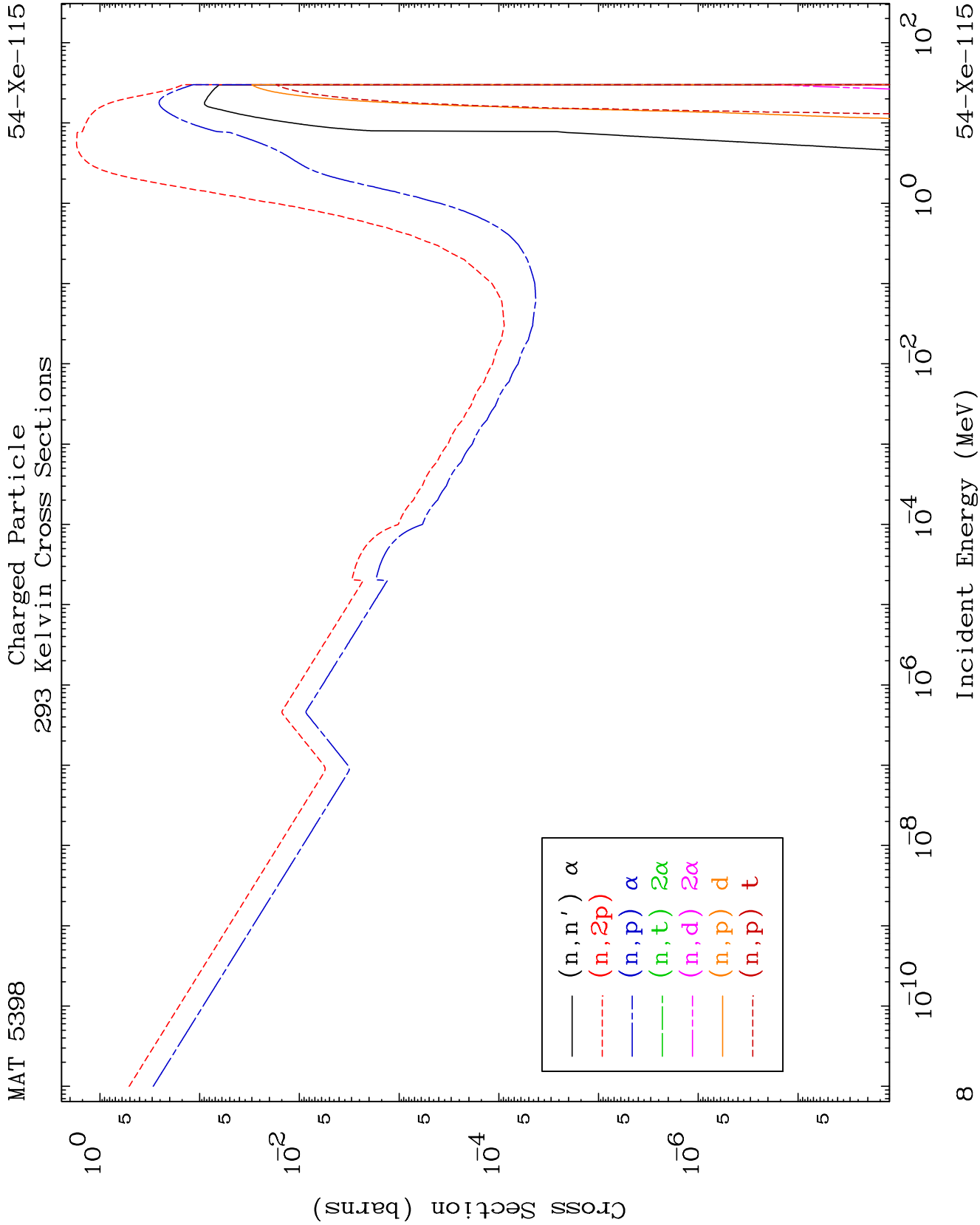
54-Xe-115

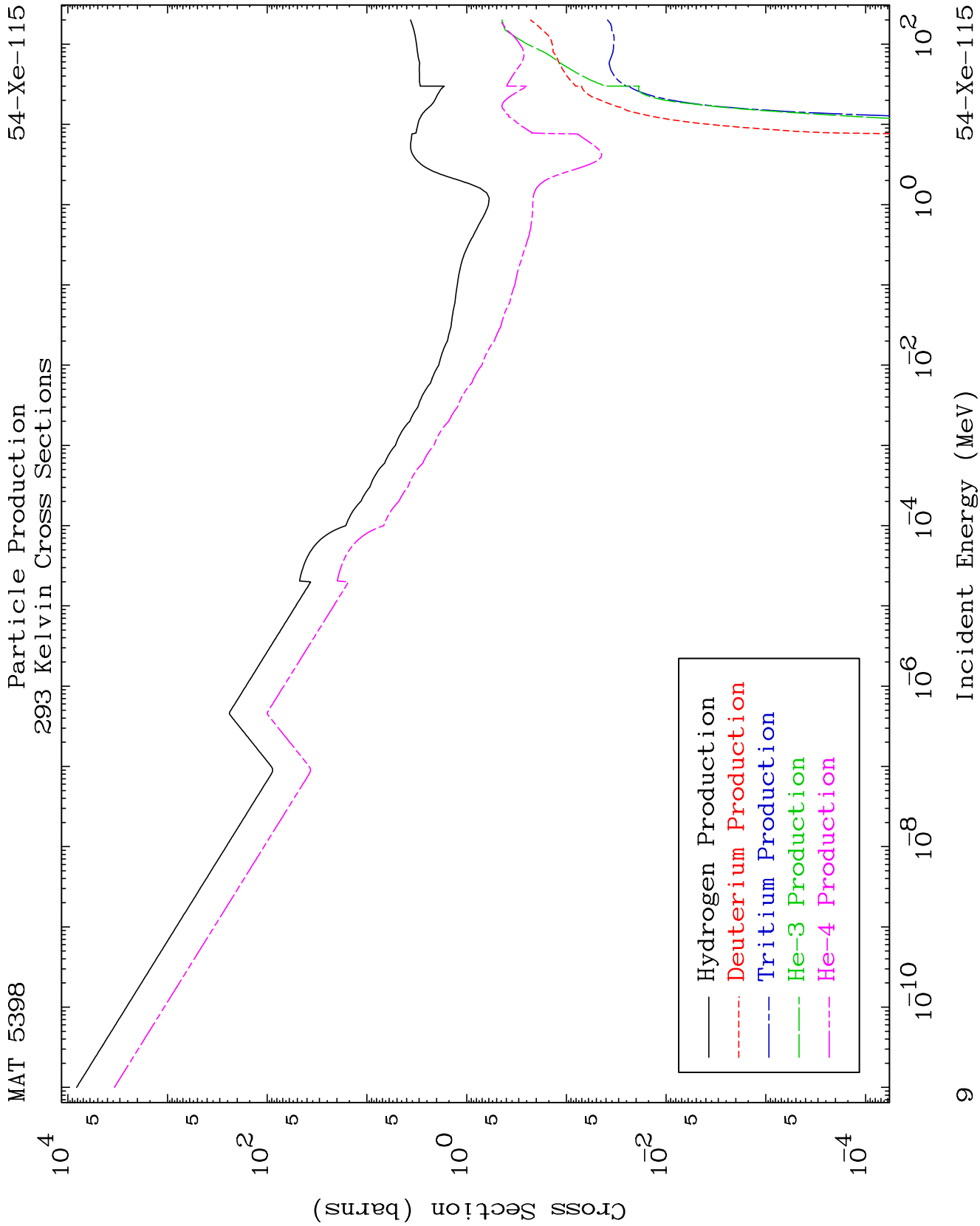










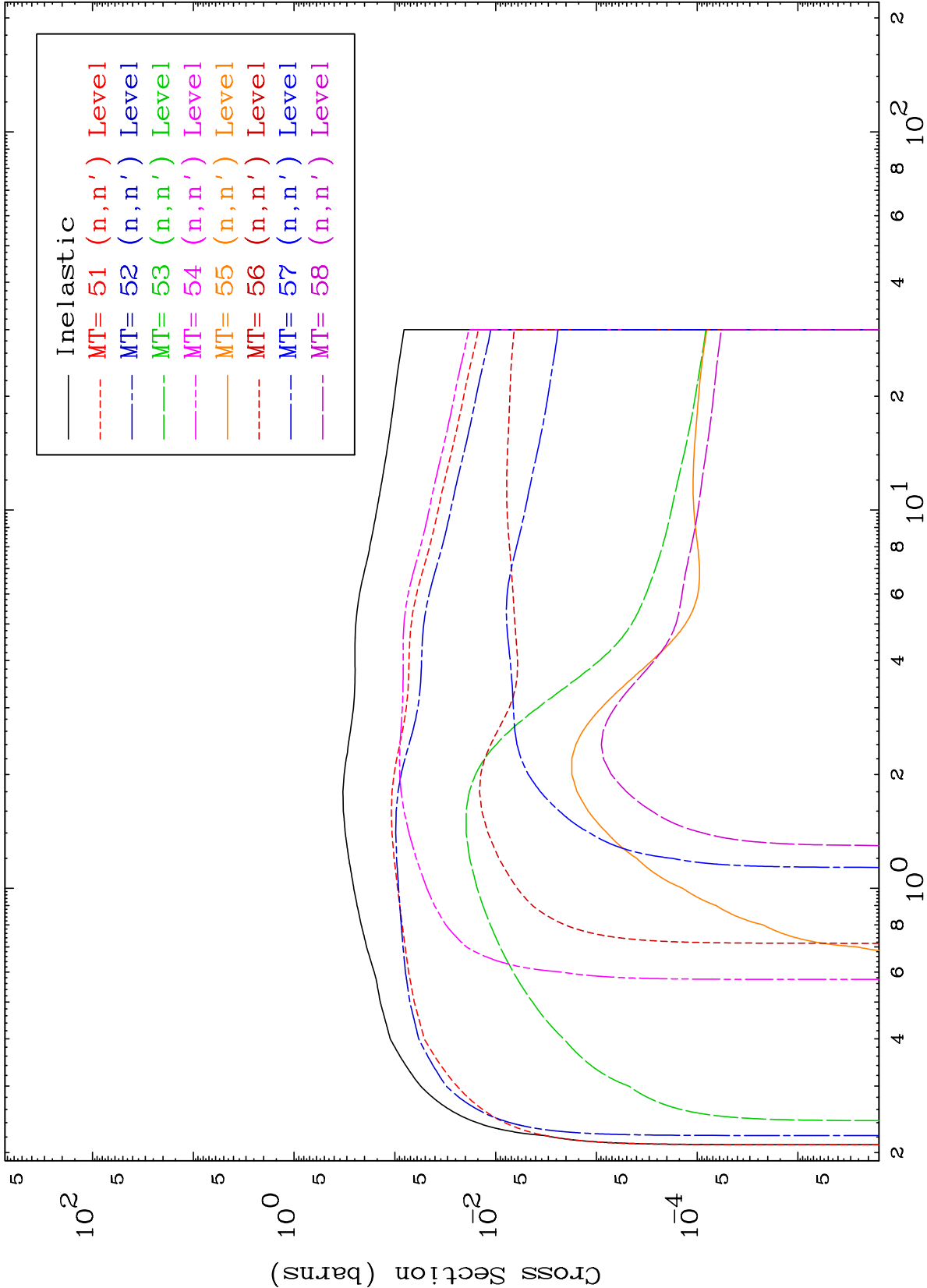


MAT 5398

(n,n') Levels

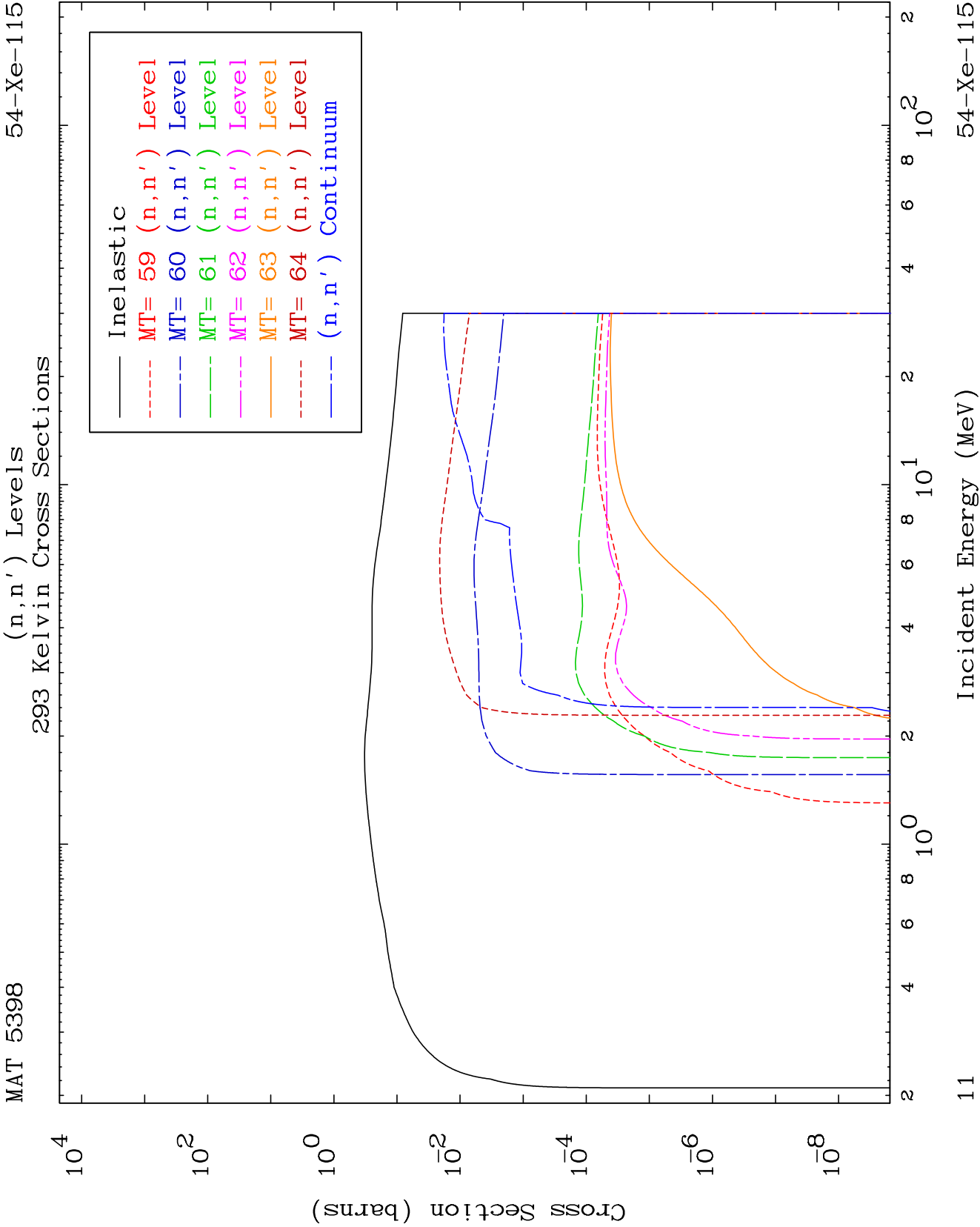
54-Xe-115

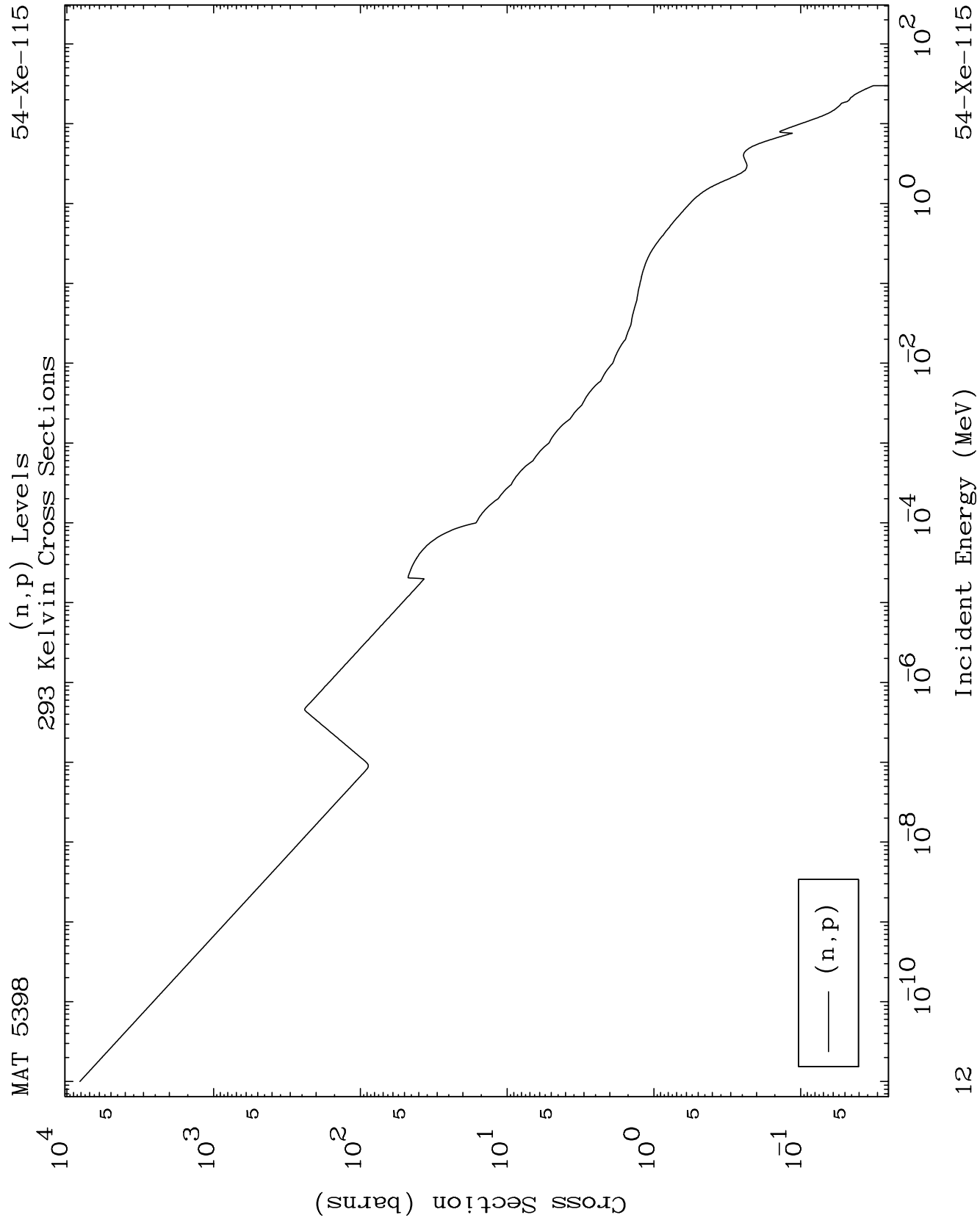
293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-115

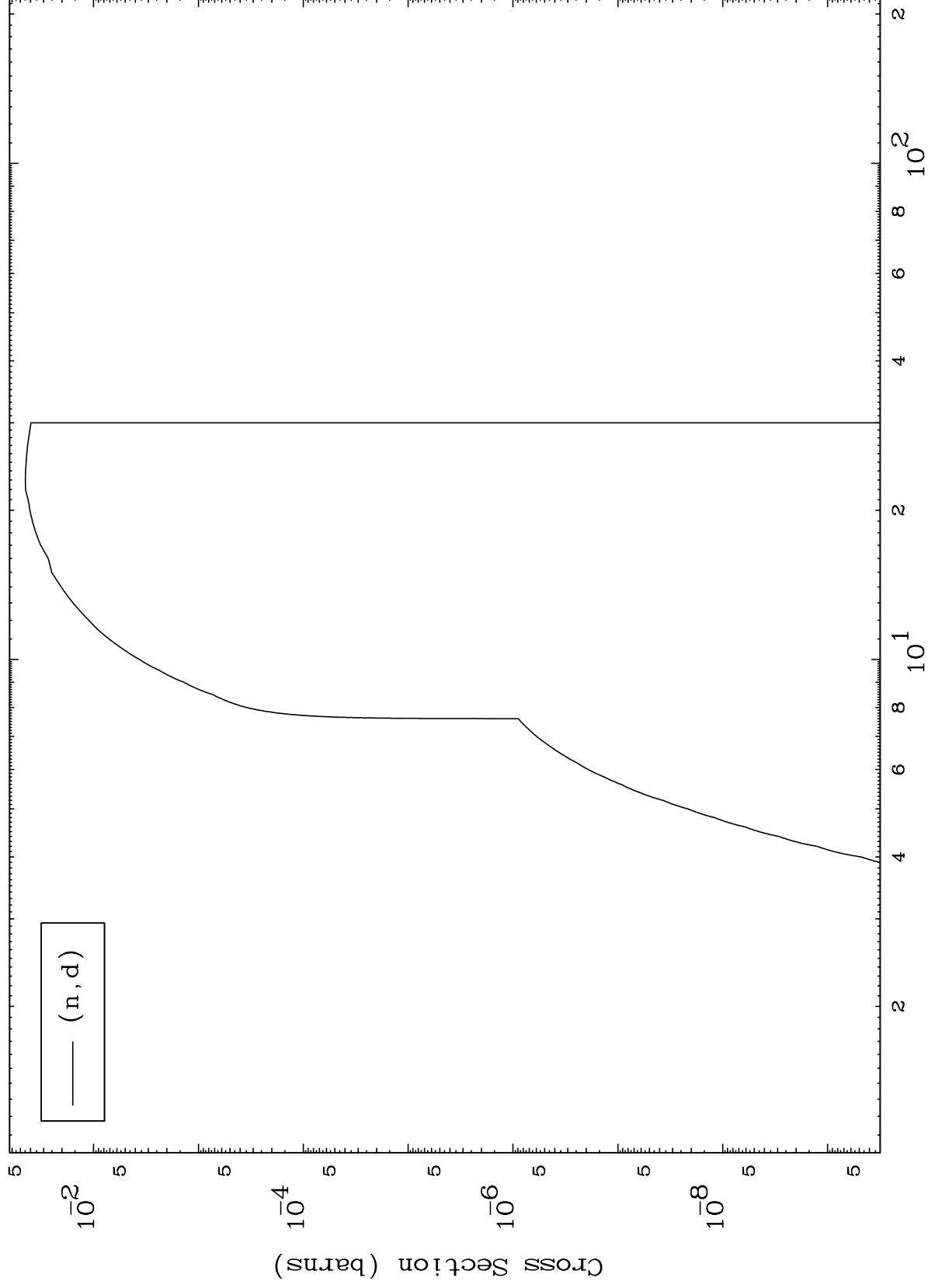




MAT 5398

54-Xe-115

(n,d) Levels
293 Kelvin Cross Sections



13

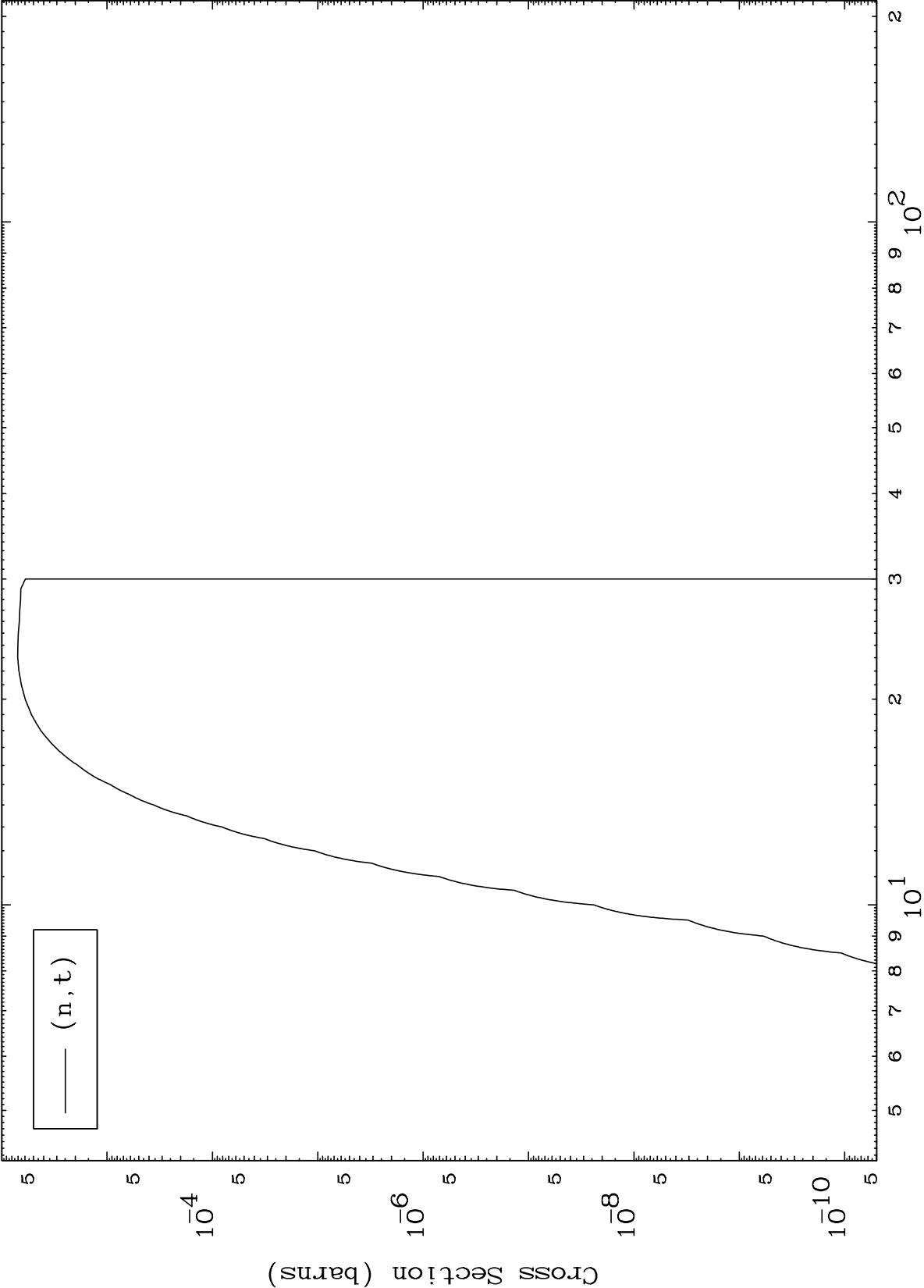
Incident Energy (MeV)

54-Xe-115

MAT 5398

54-Xe-115

(n,t) Levels
293 Kelvin Cross Sections



54-Xe-115

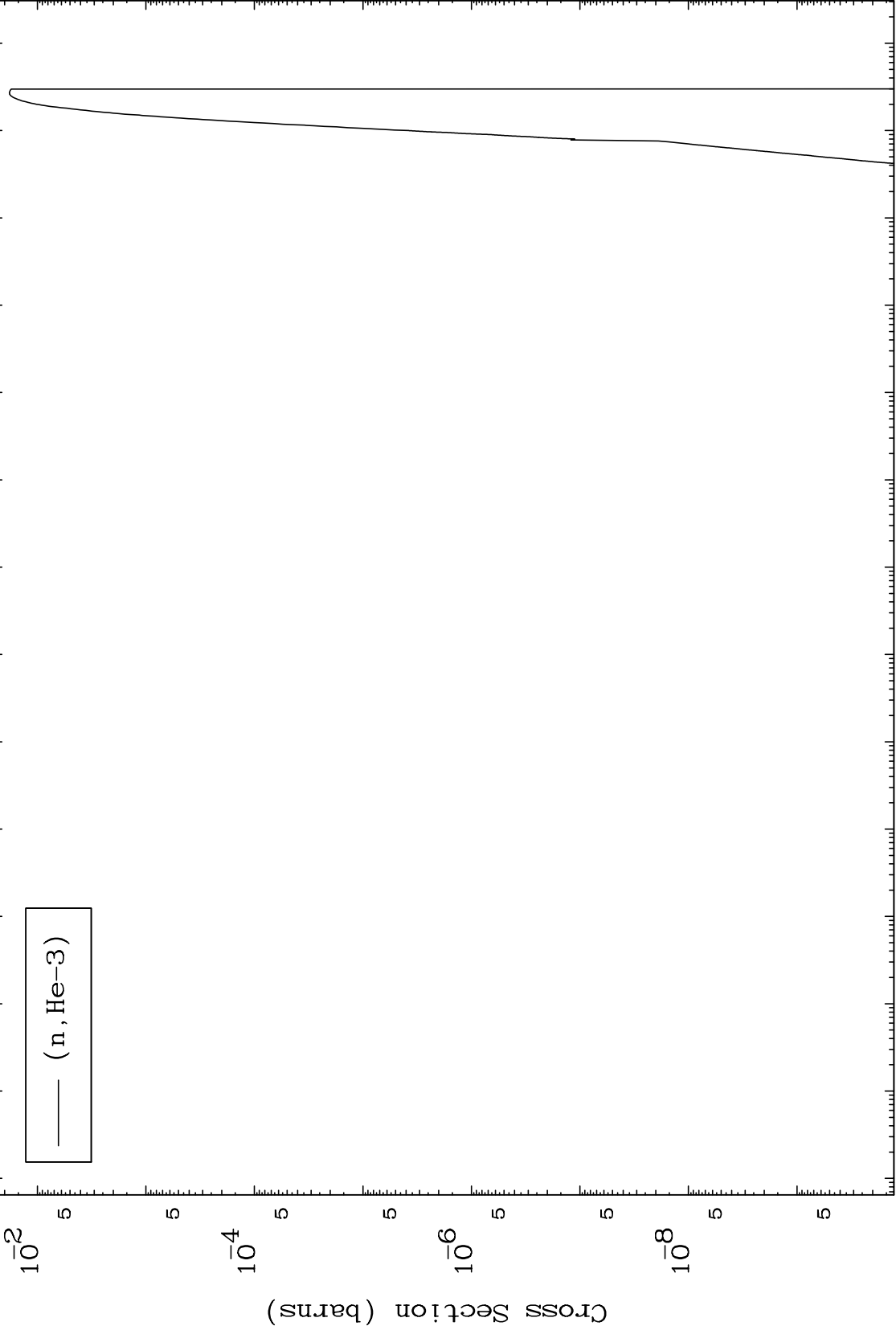
Incident Energy (MeV)

14

MAT 5398

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-115



15

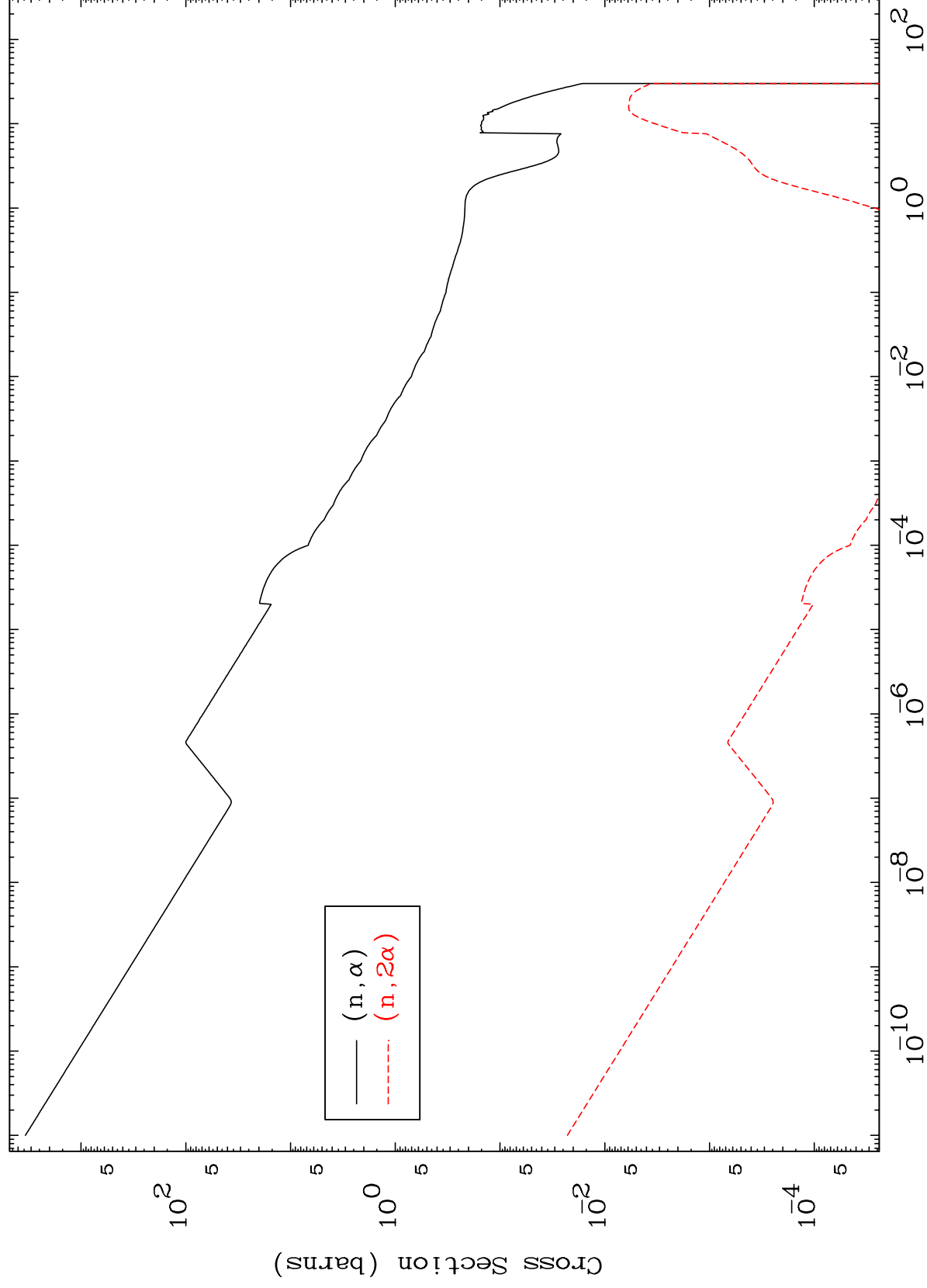
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n, α) Levels
293 Kelvin Cross Sections

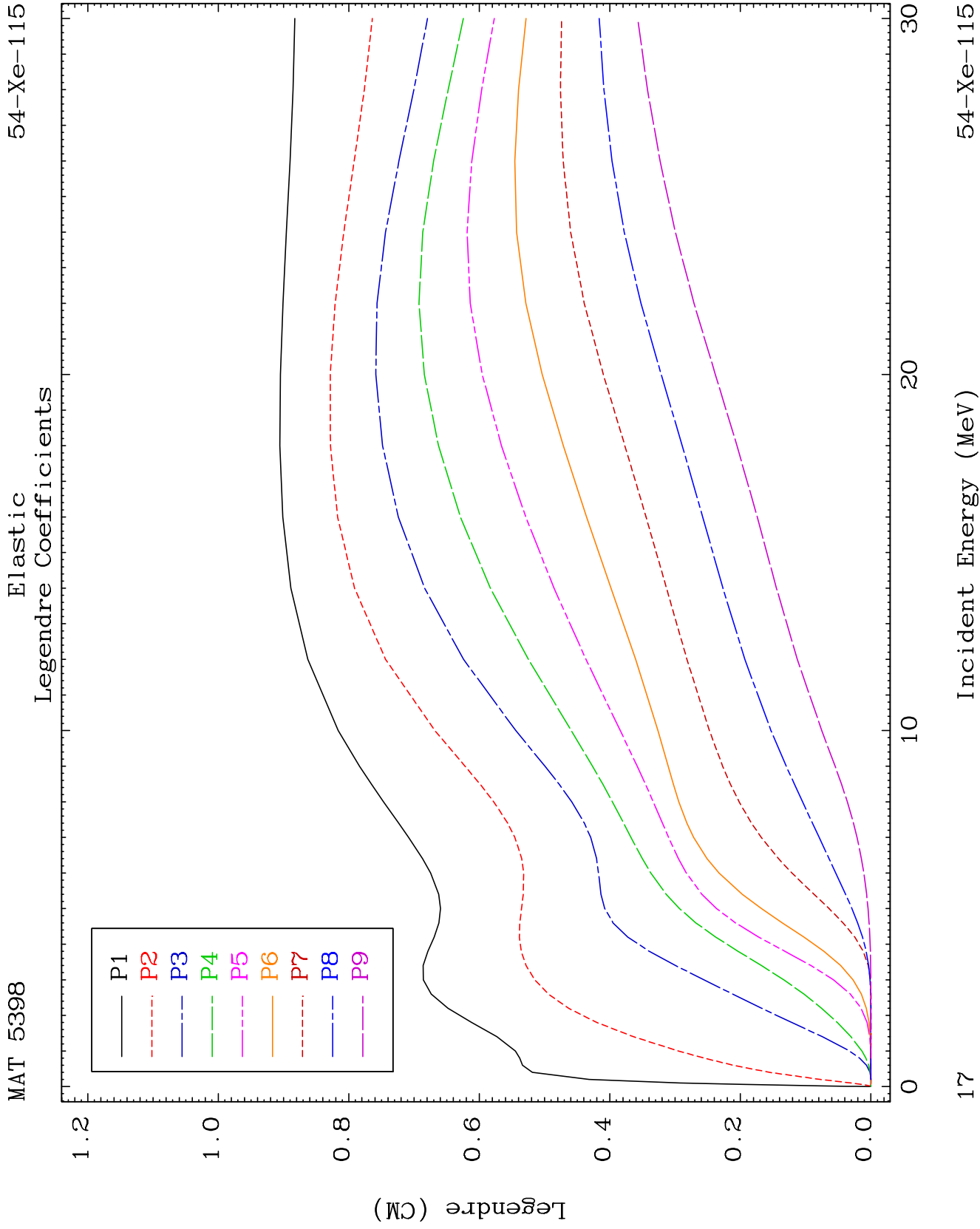
54-Xe-115

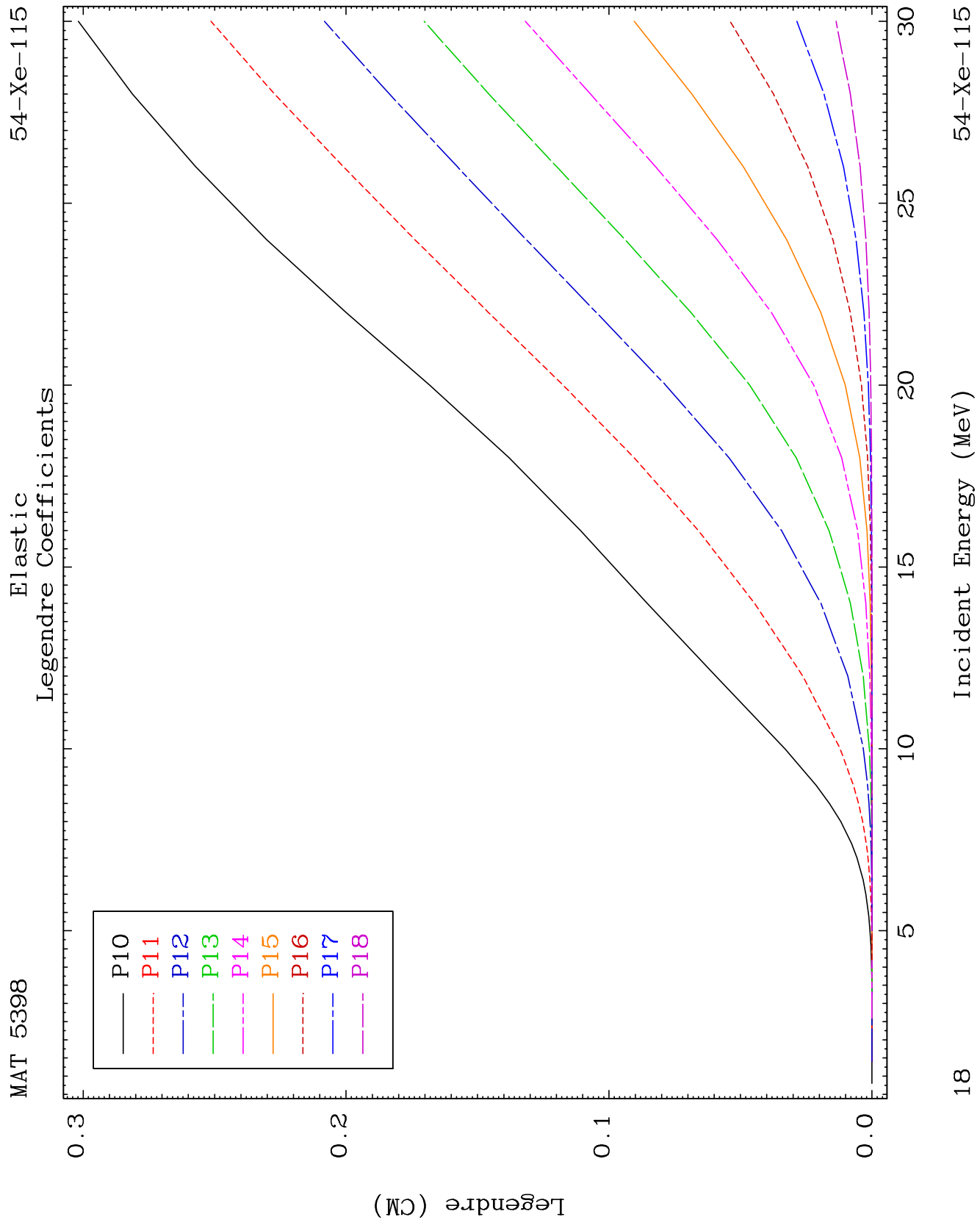


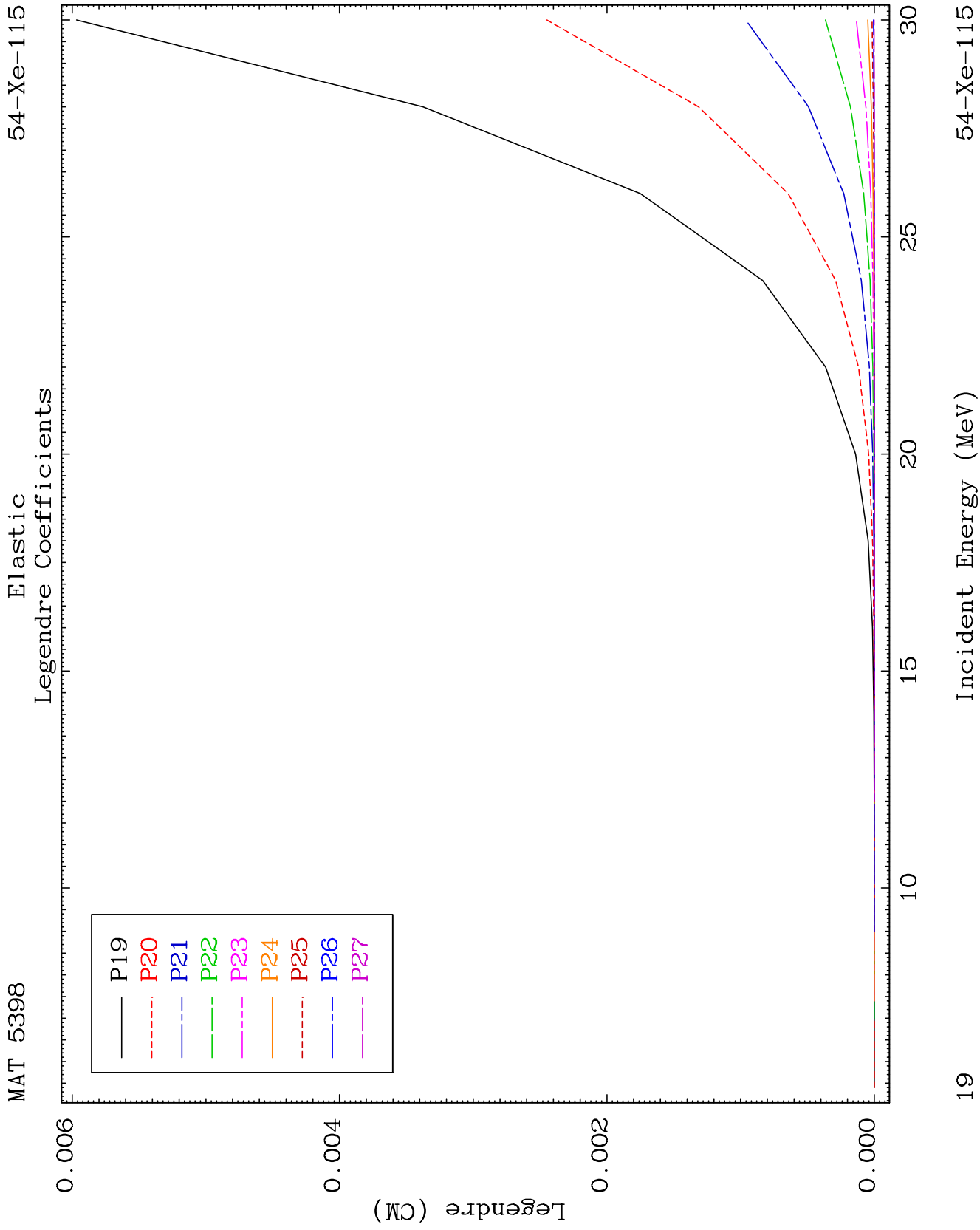
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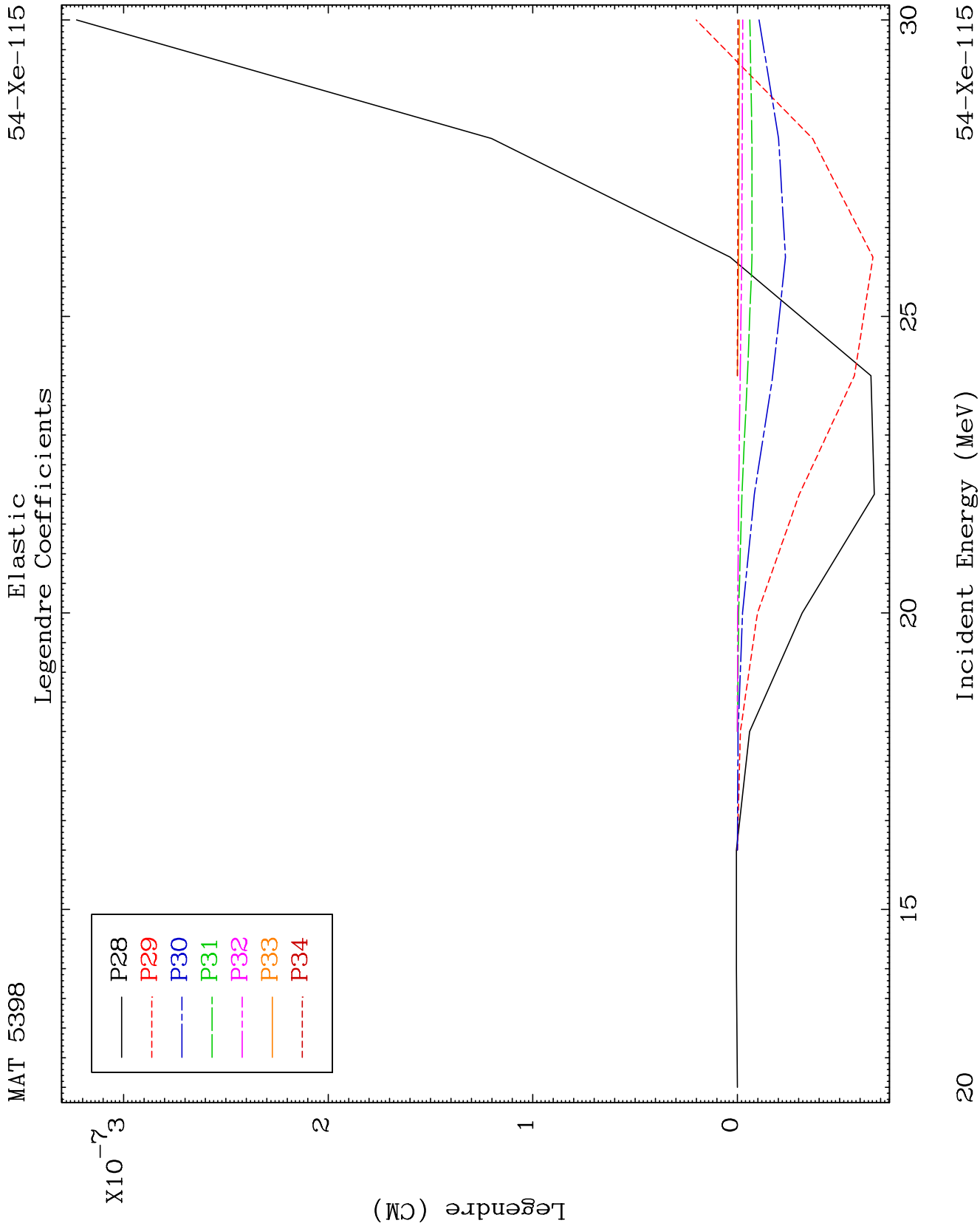
Incident Energy (MeV)

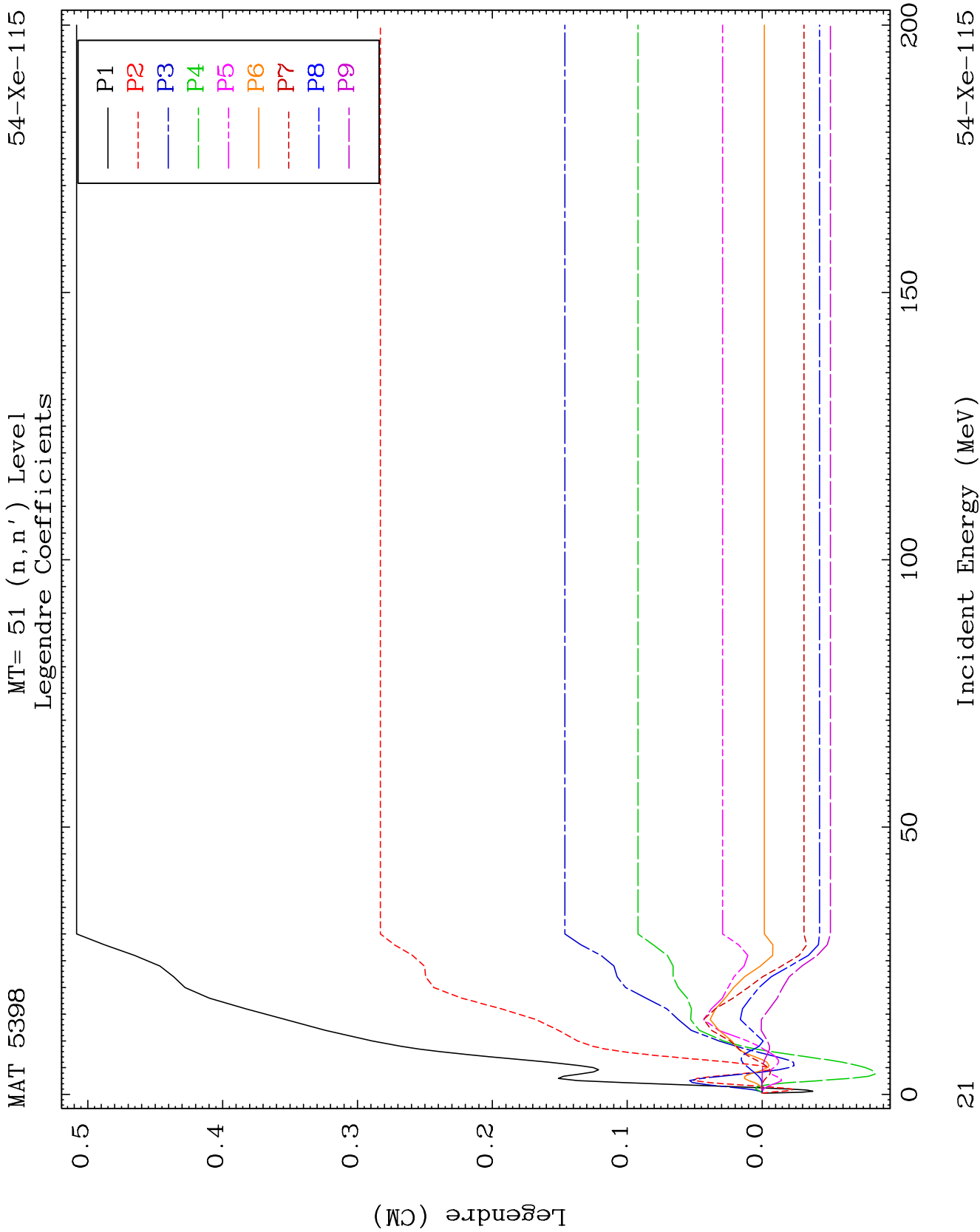
54-Xe-115

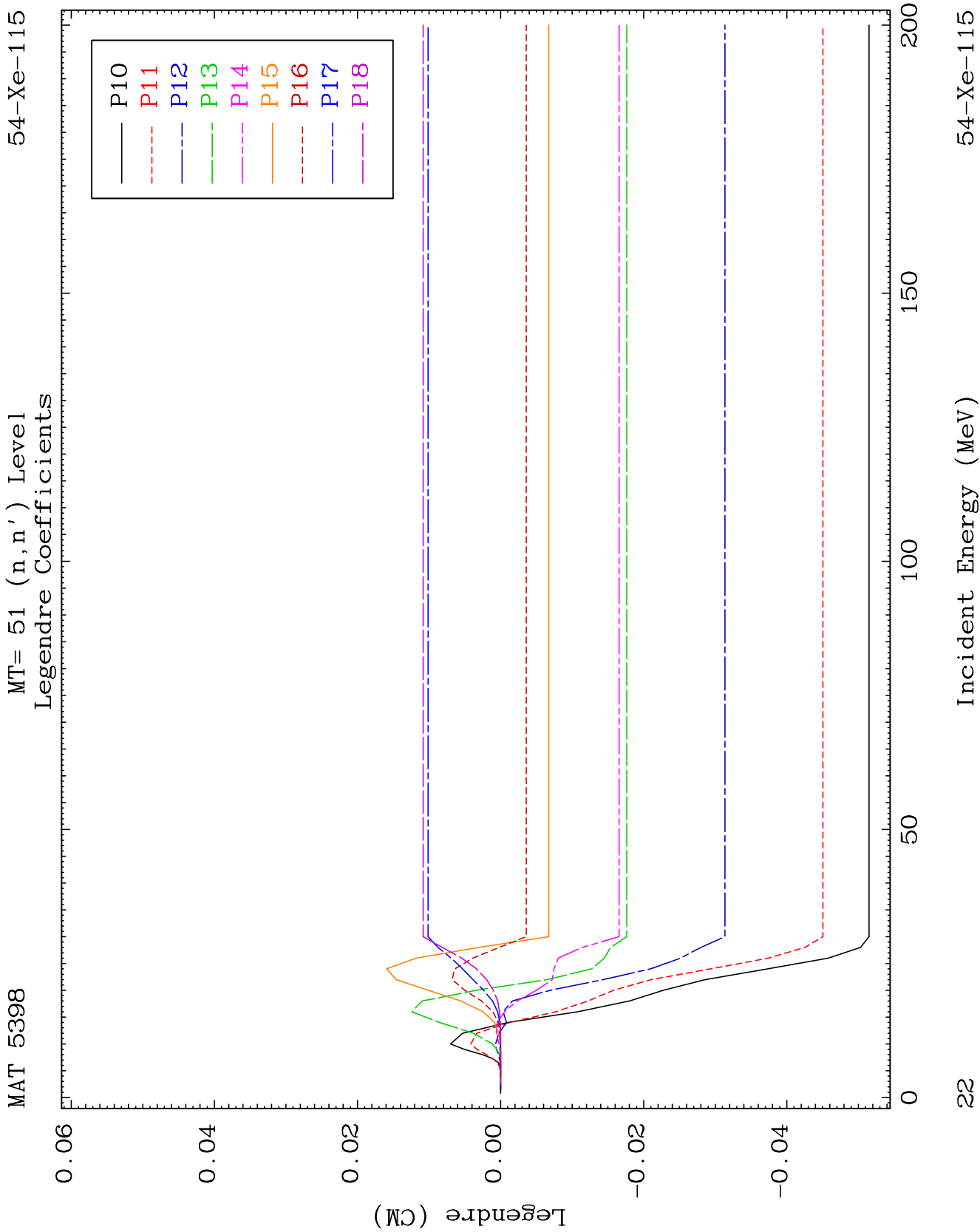






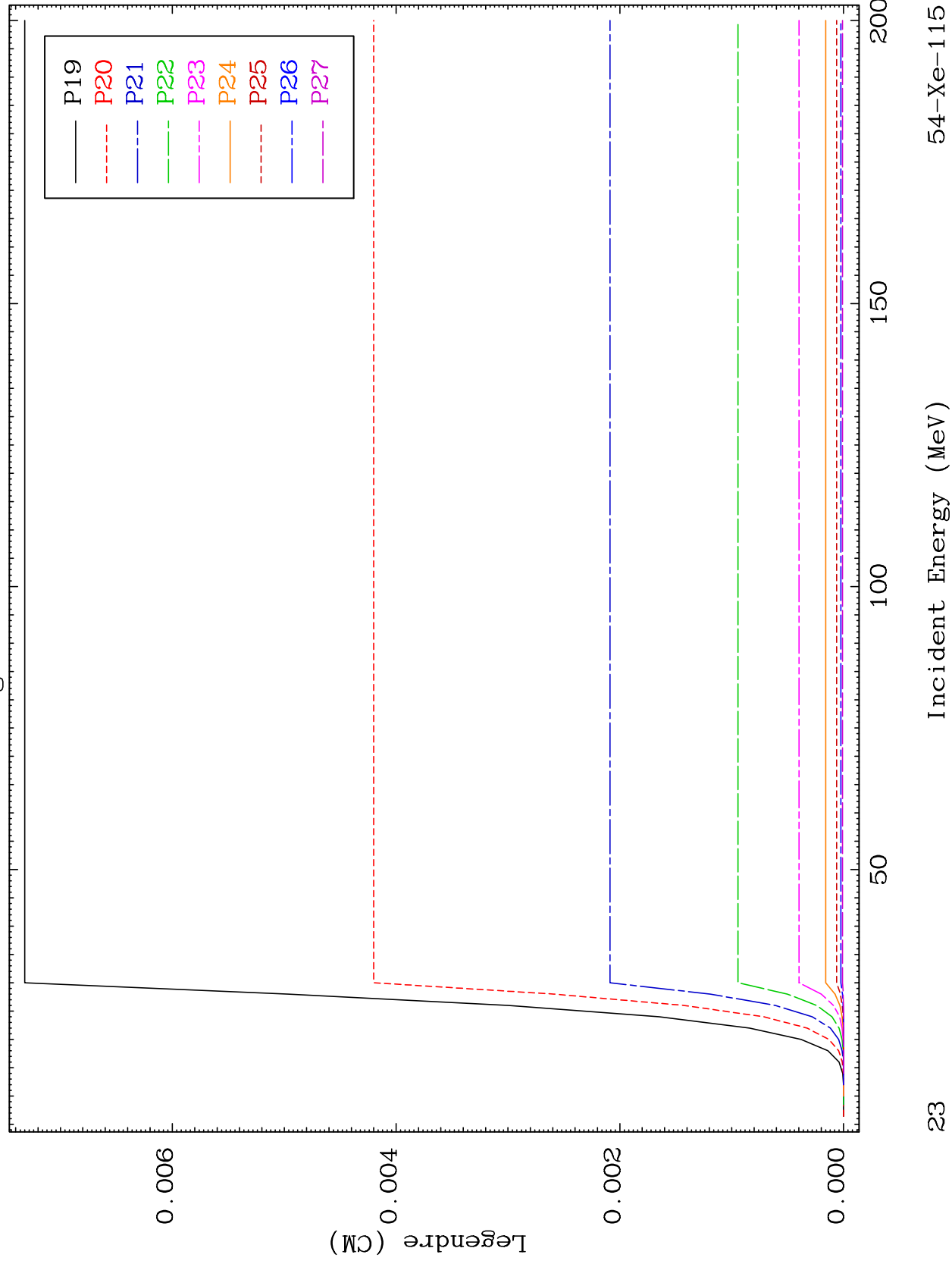


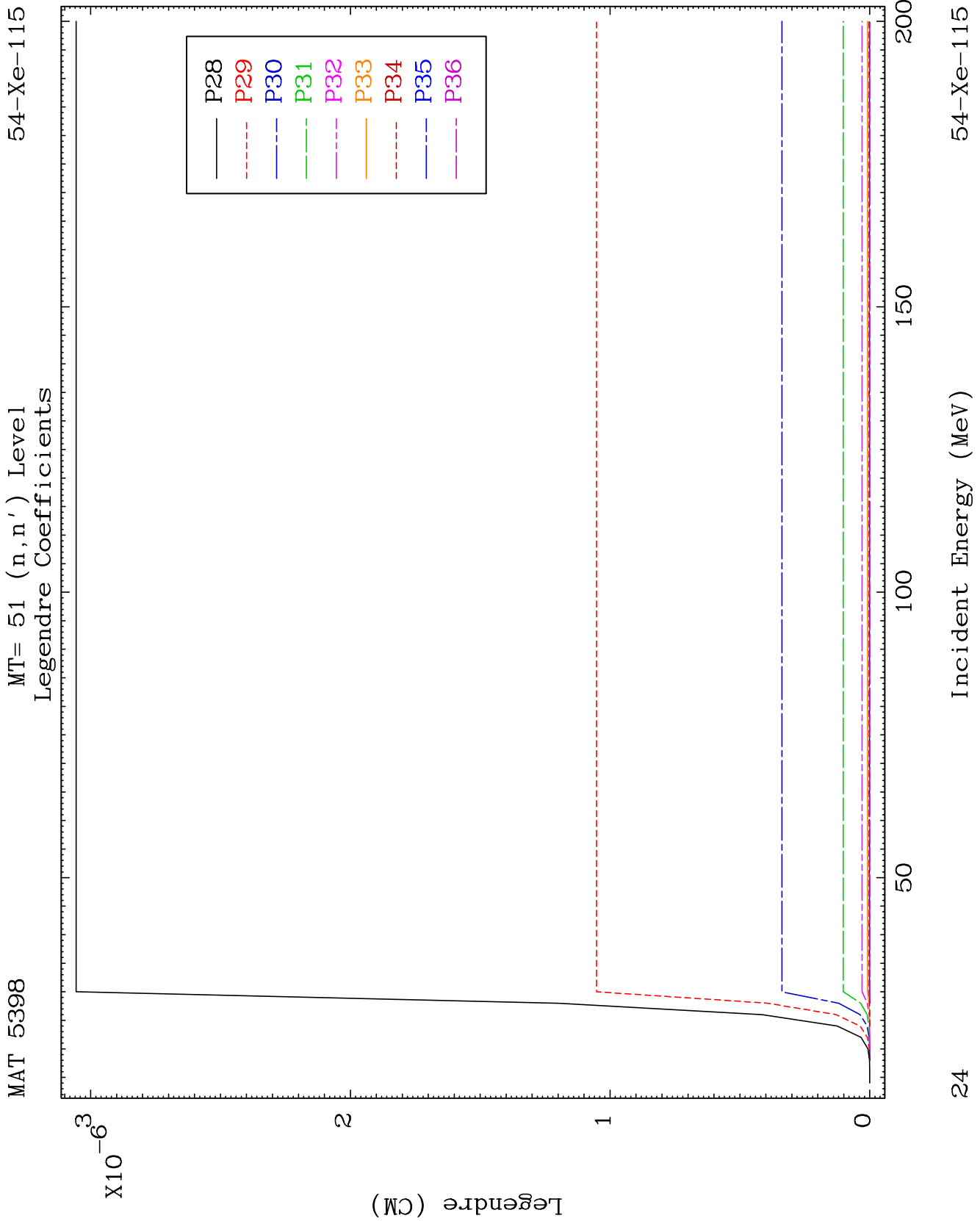


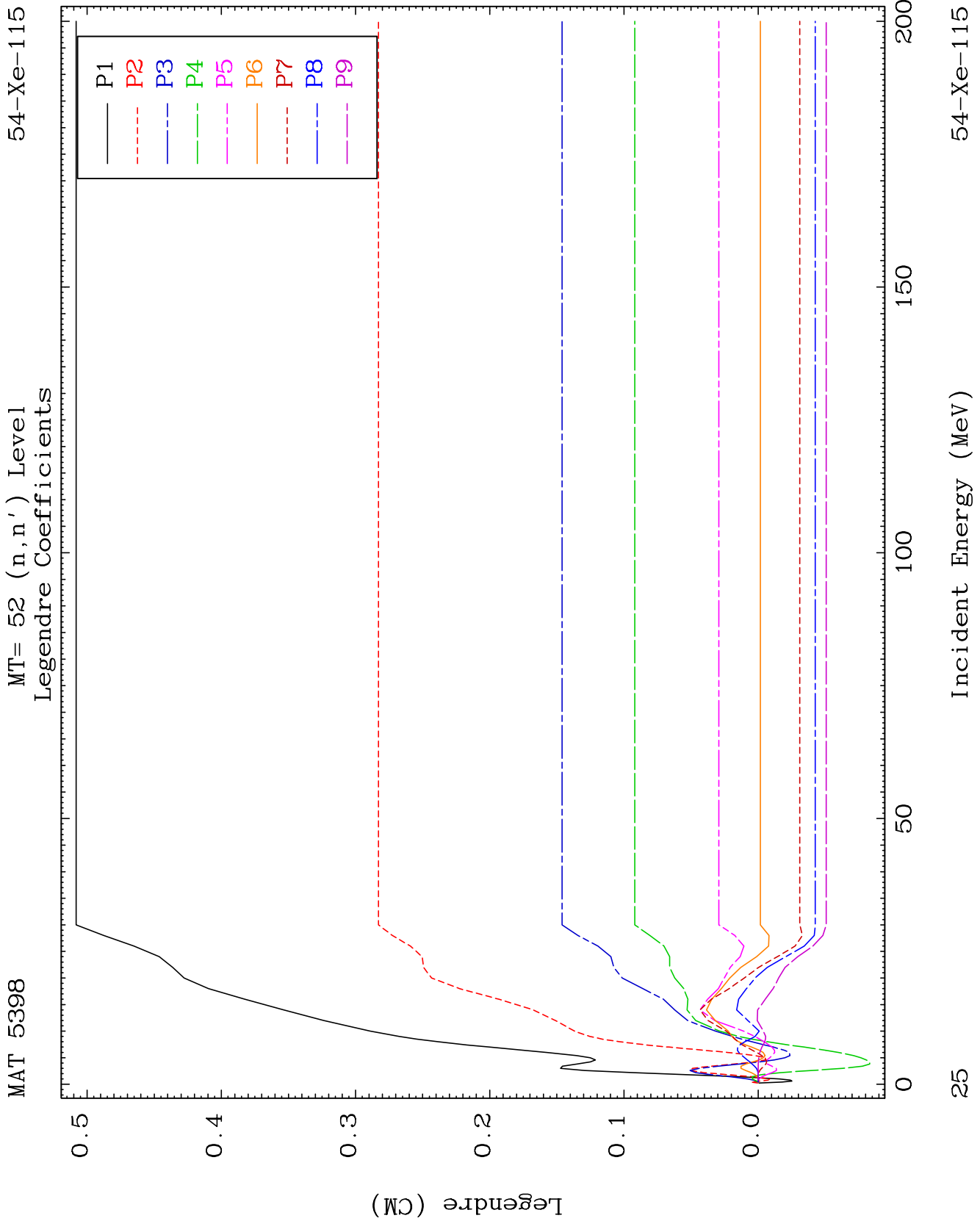


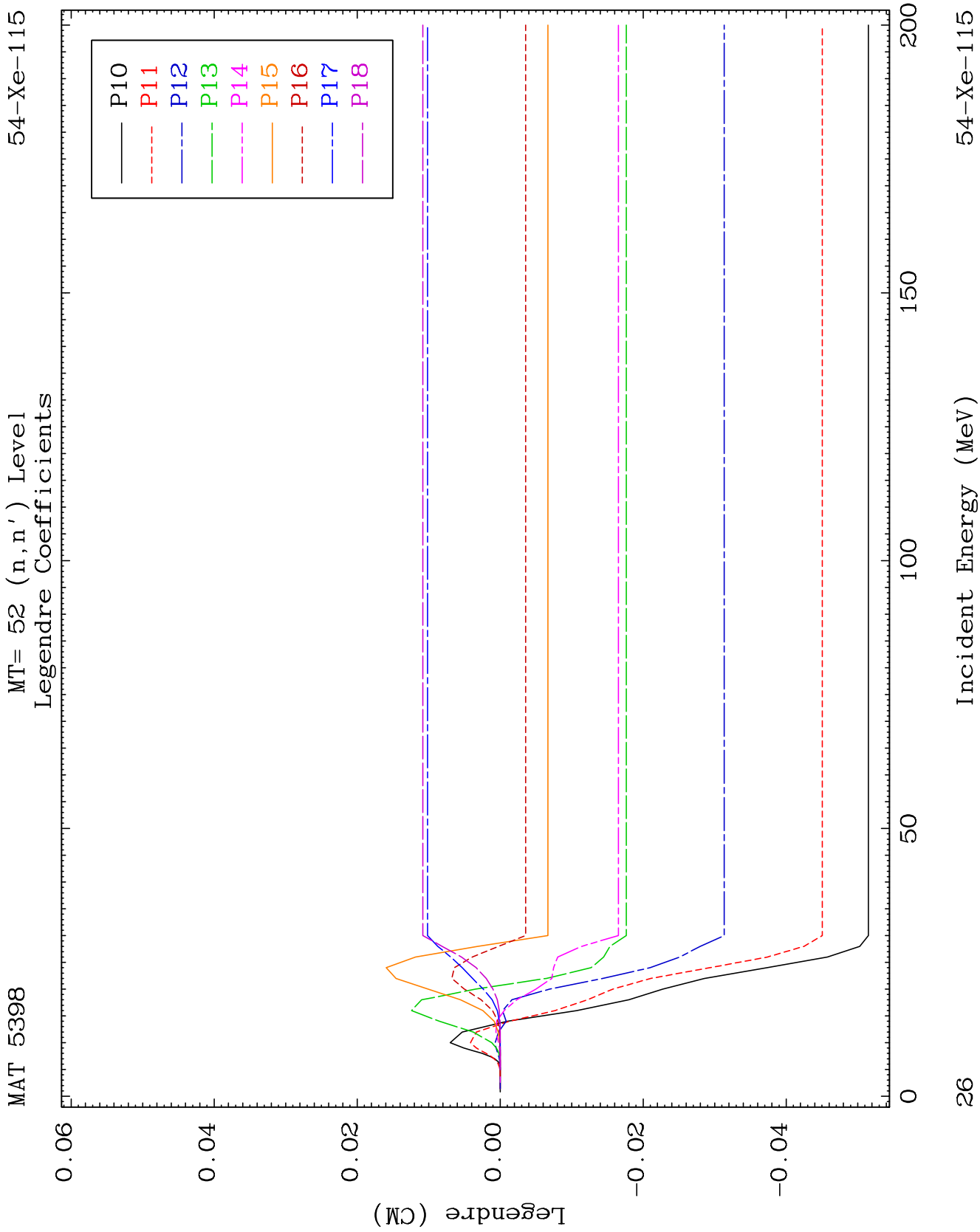
MAT 5398

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

 $^{54}\text{-Xe-115}$ 



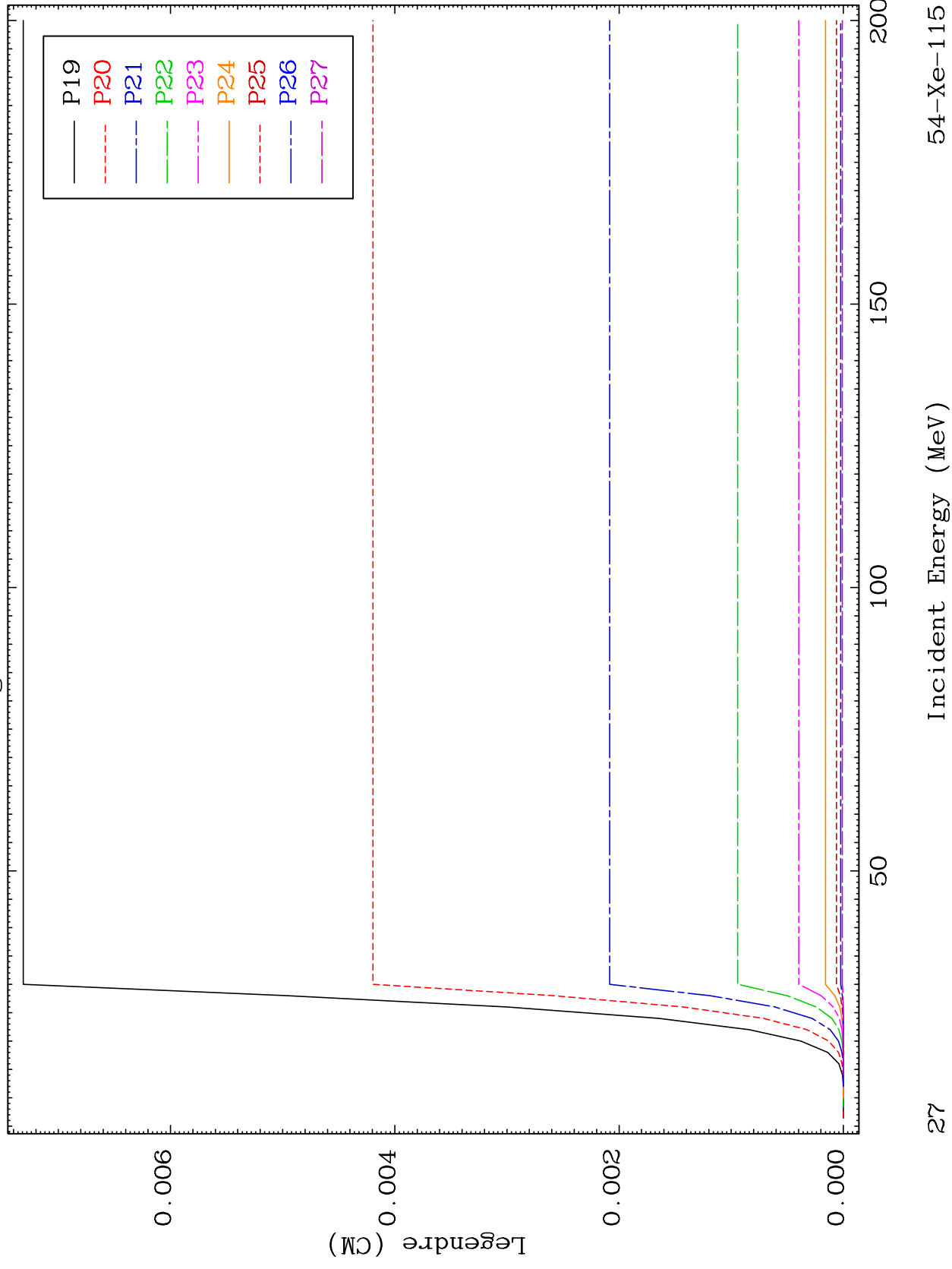


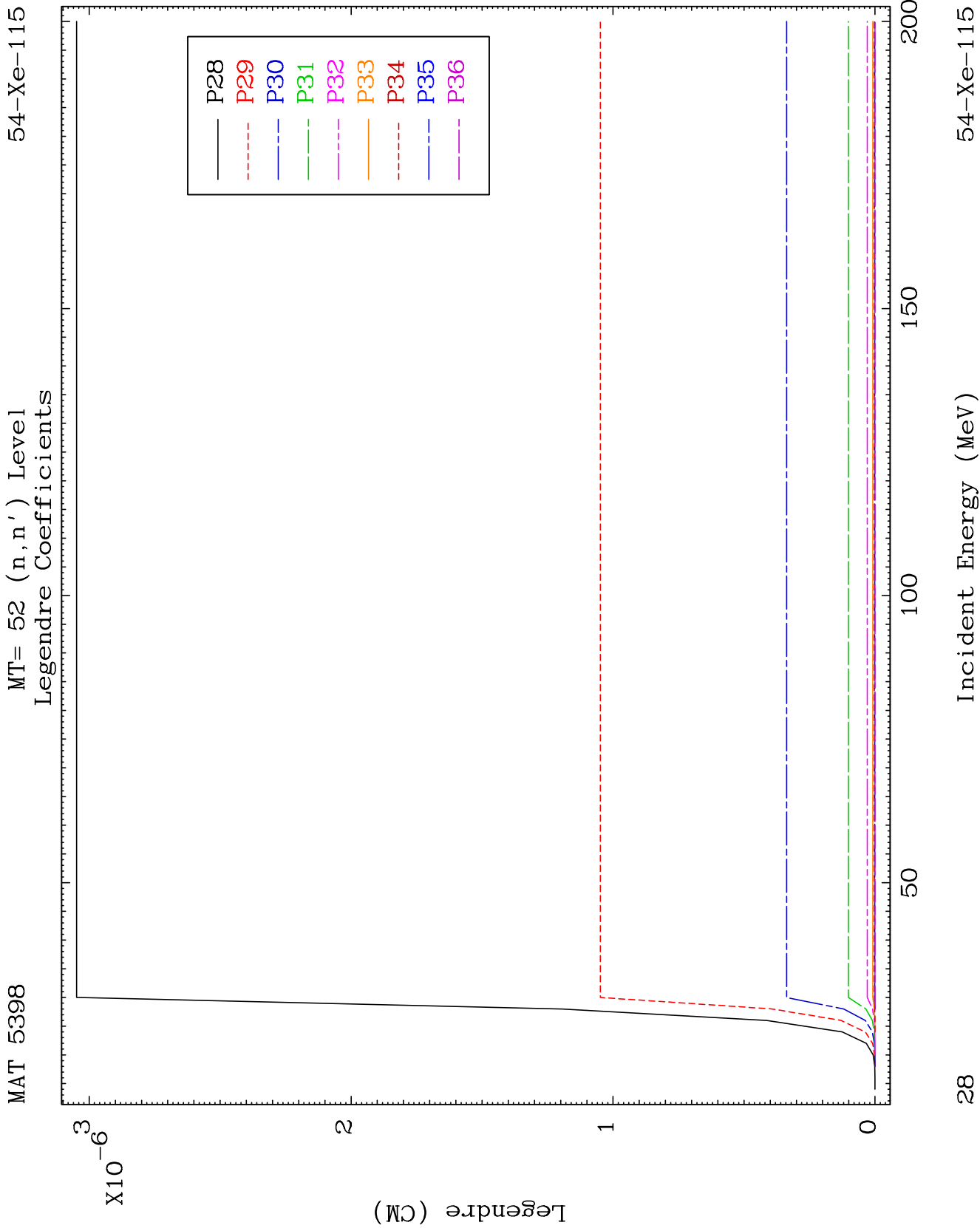


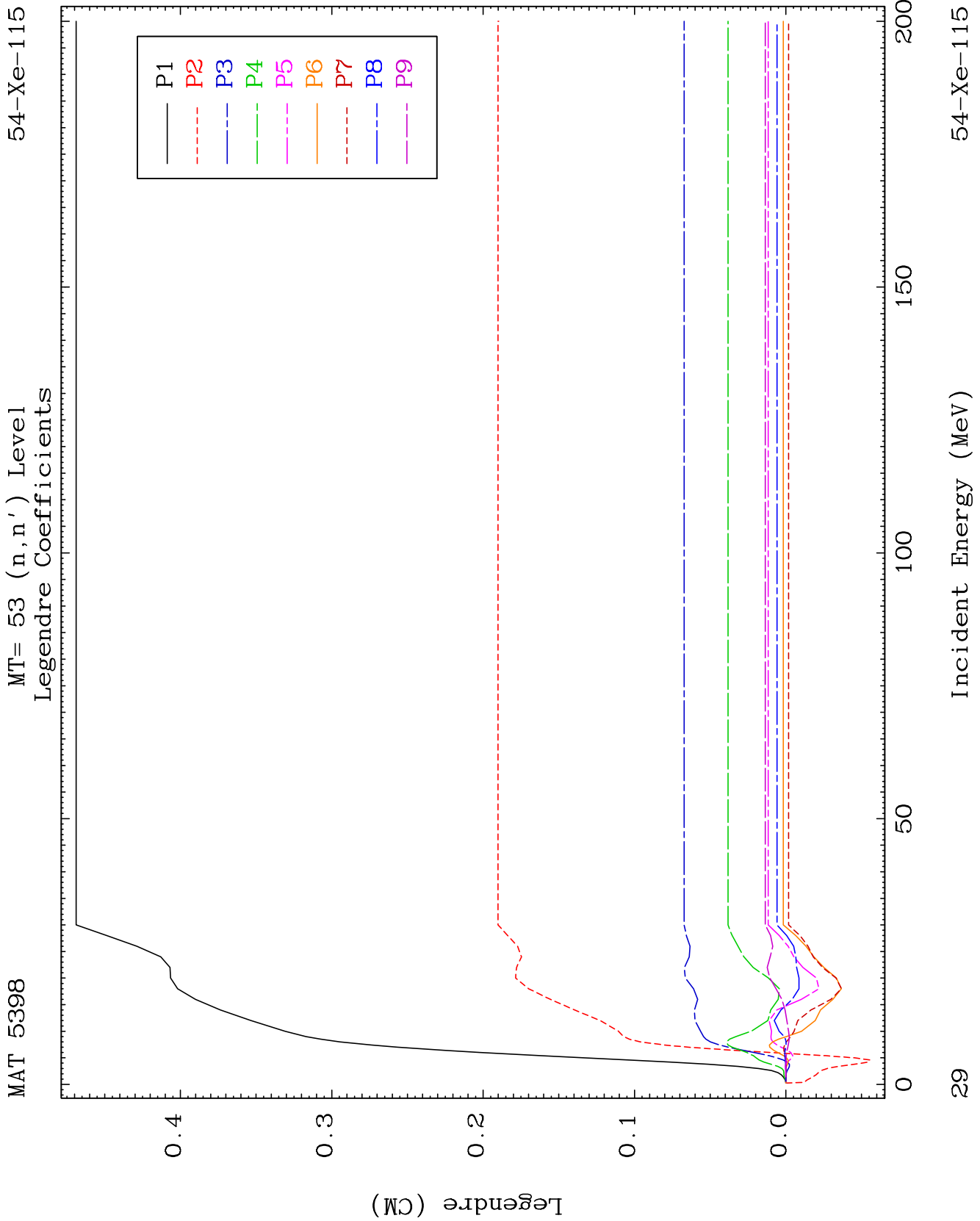
MAT 5398

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

54-Xe-115

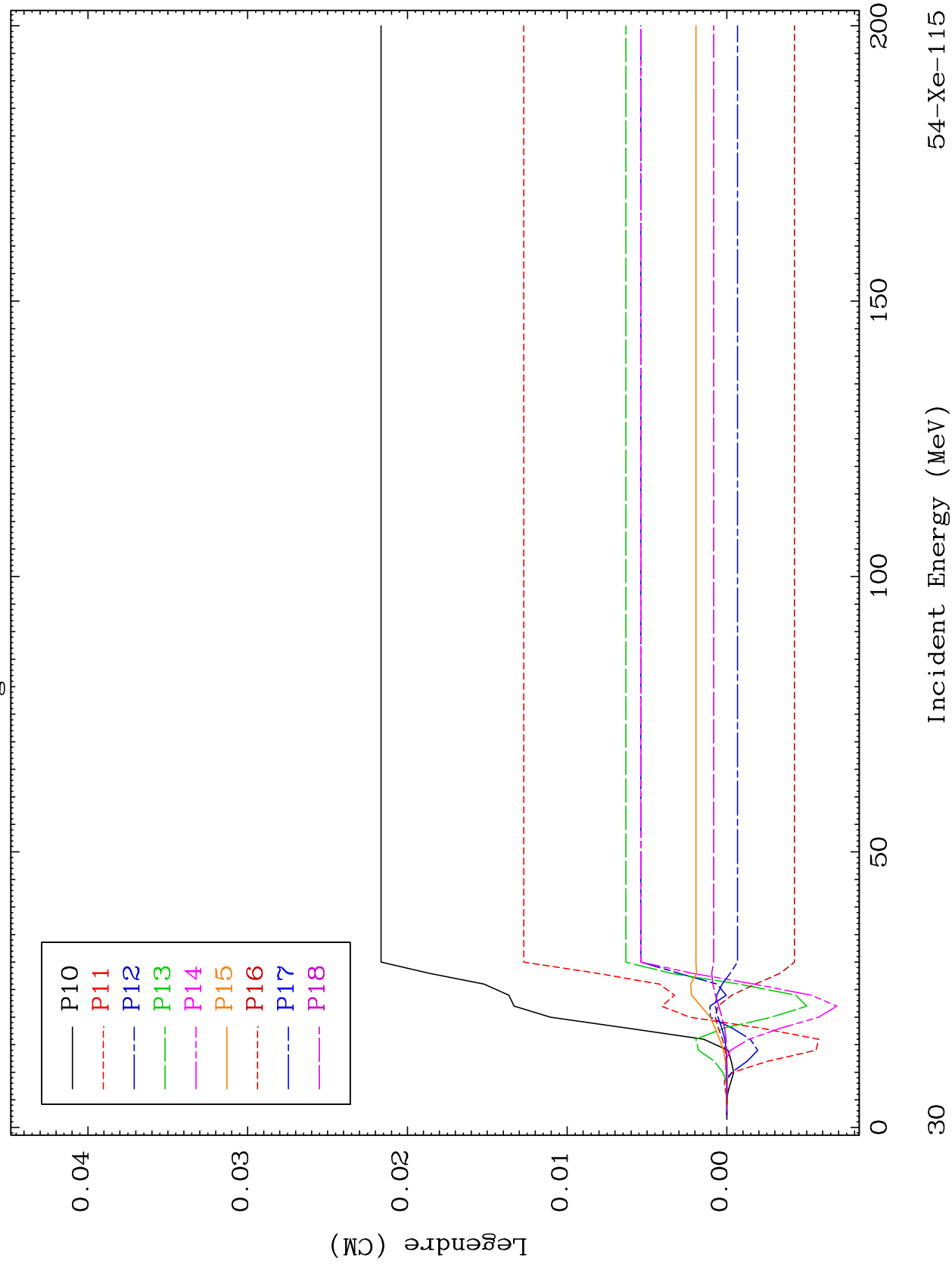


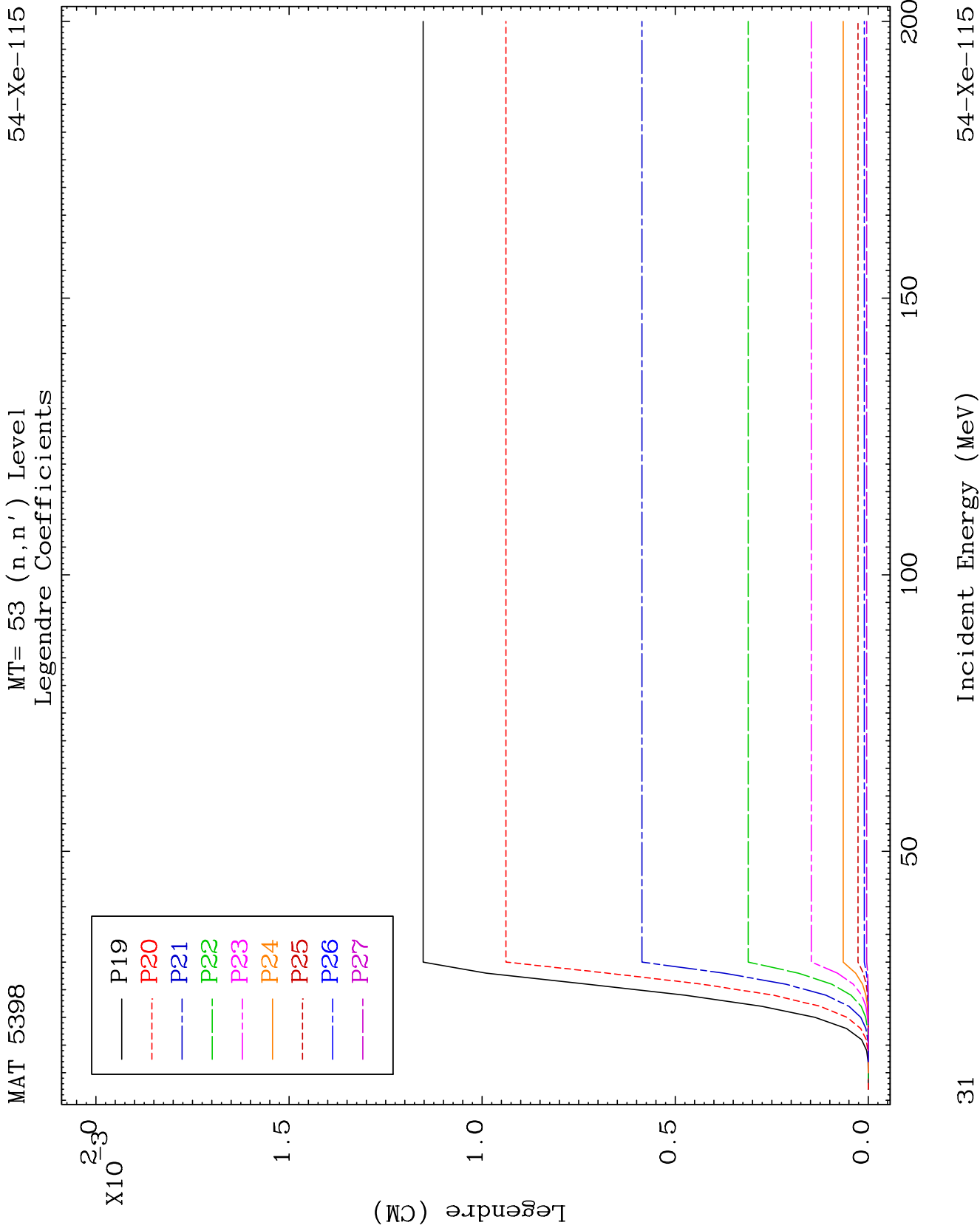


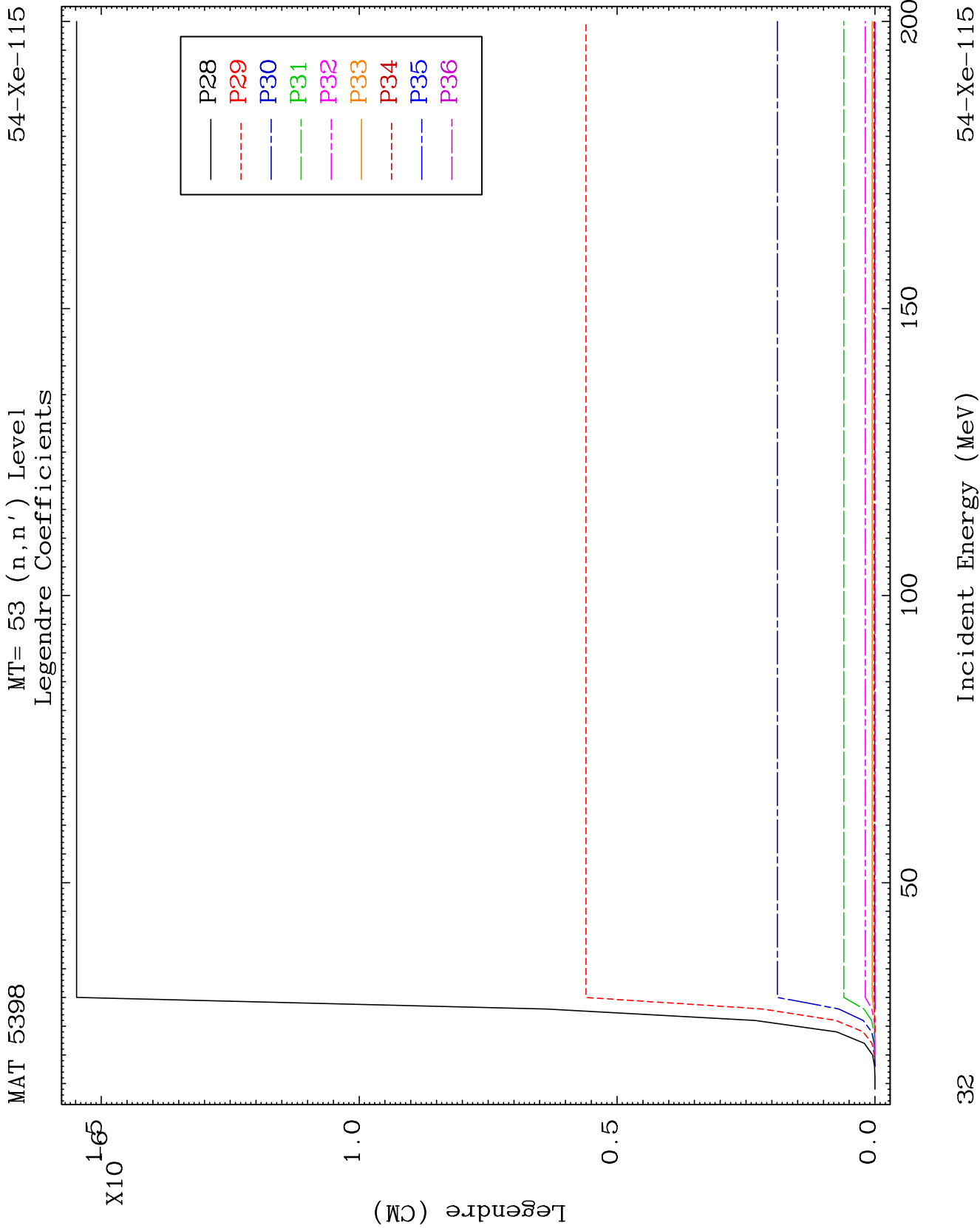


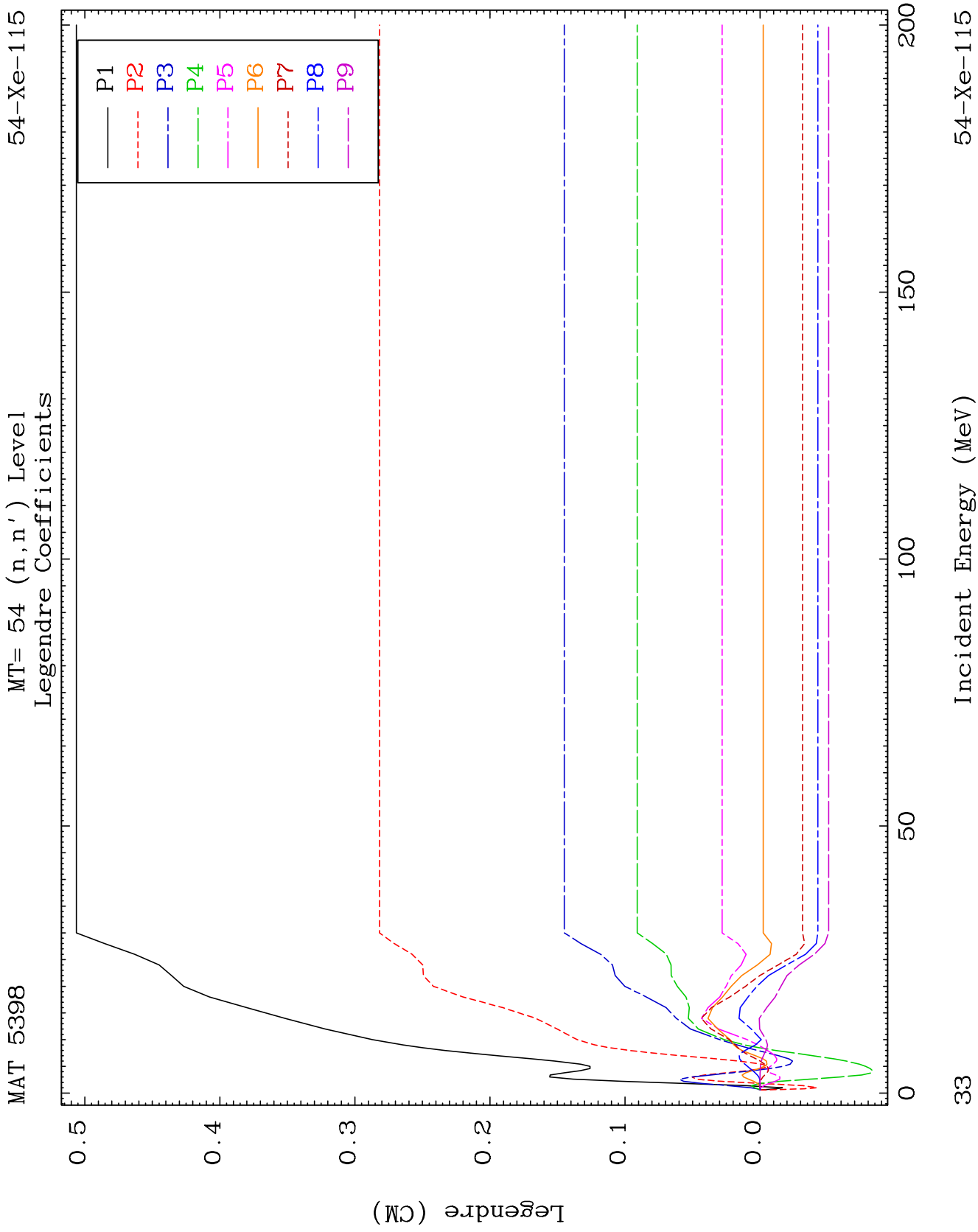
MAT 5398

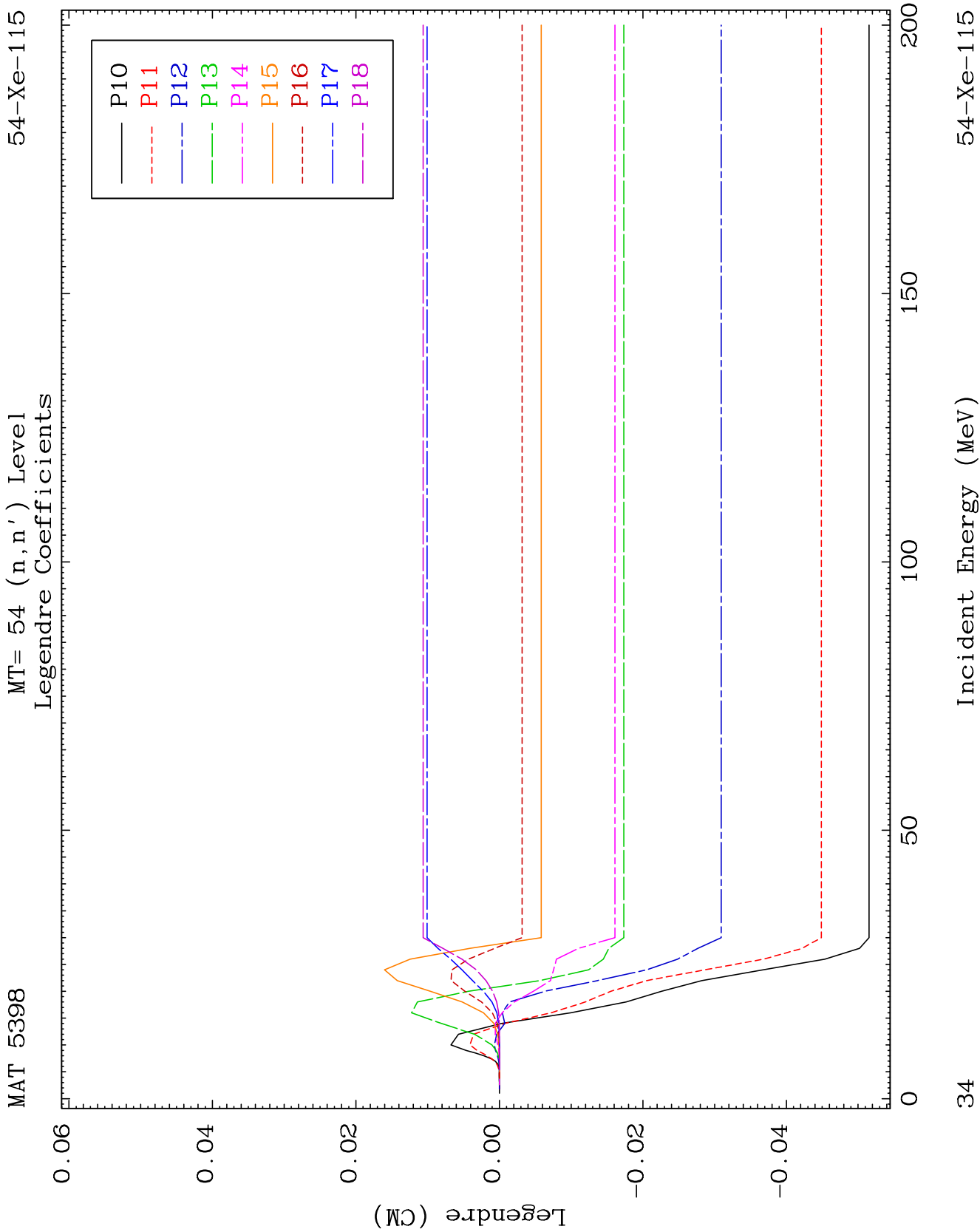
MT= 53 (n, n') Level
Legendre Coefficients

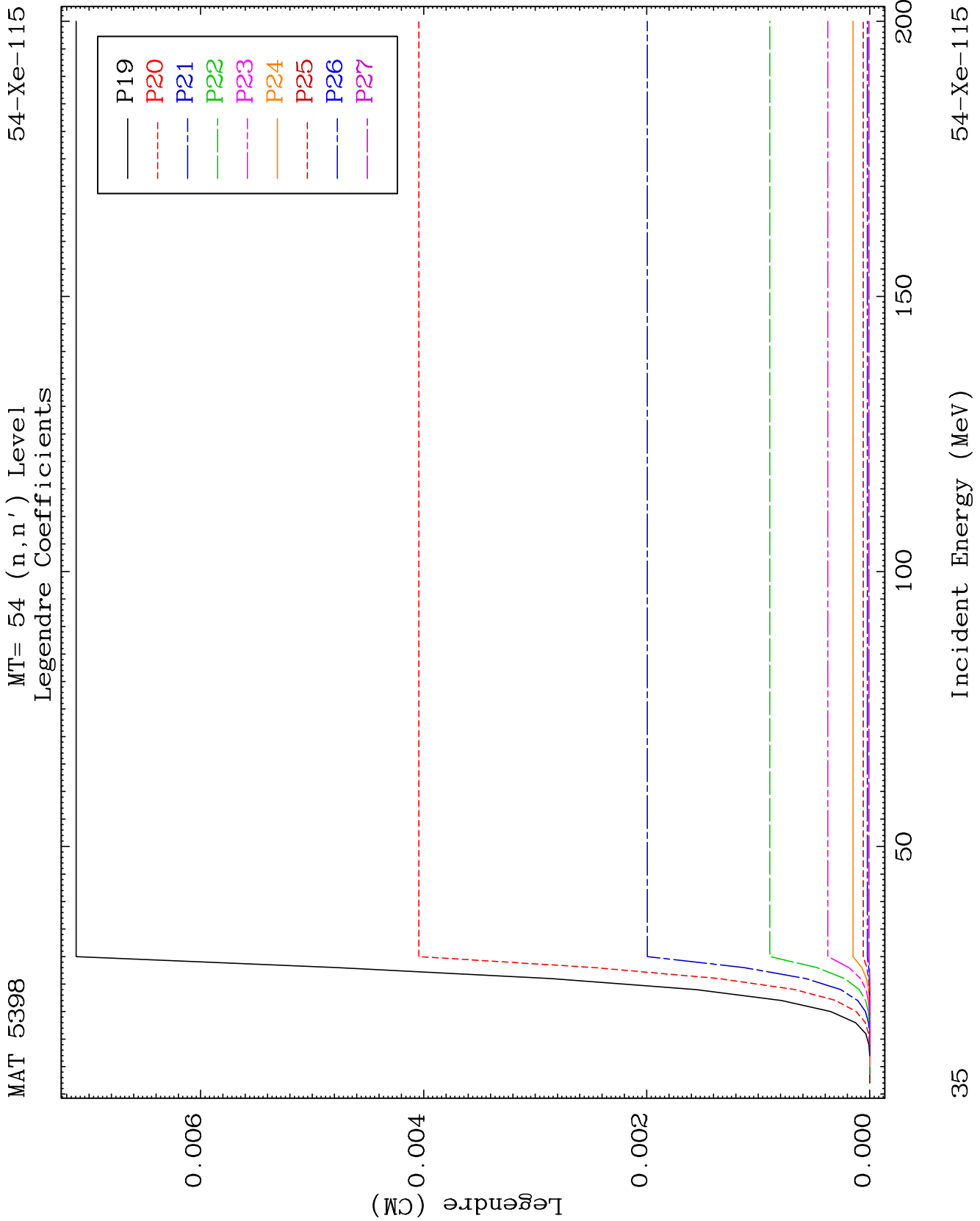
 $^{54}\text{-Xe-115}$ 

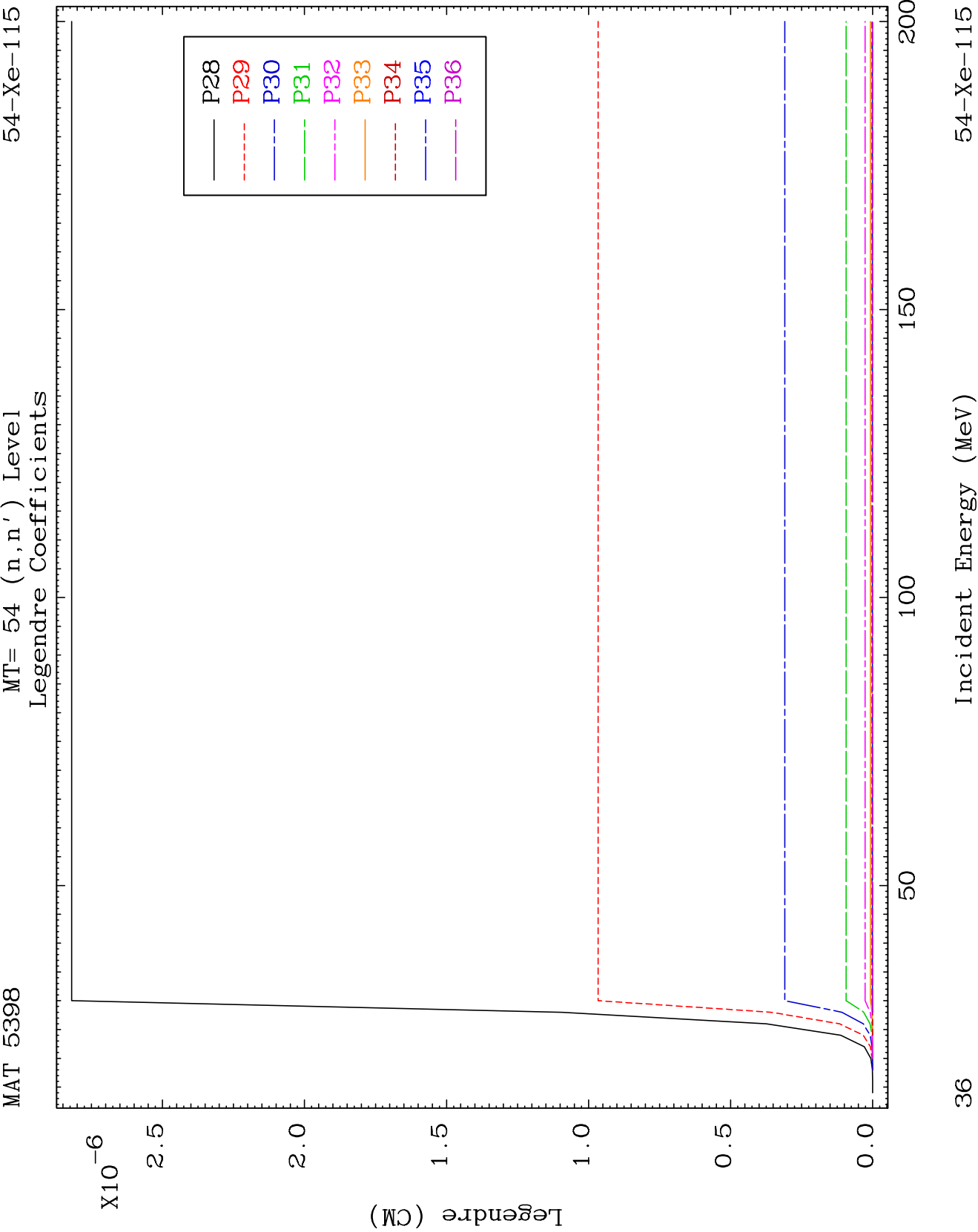


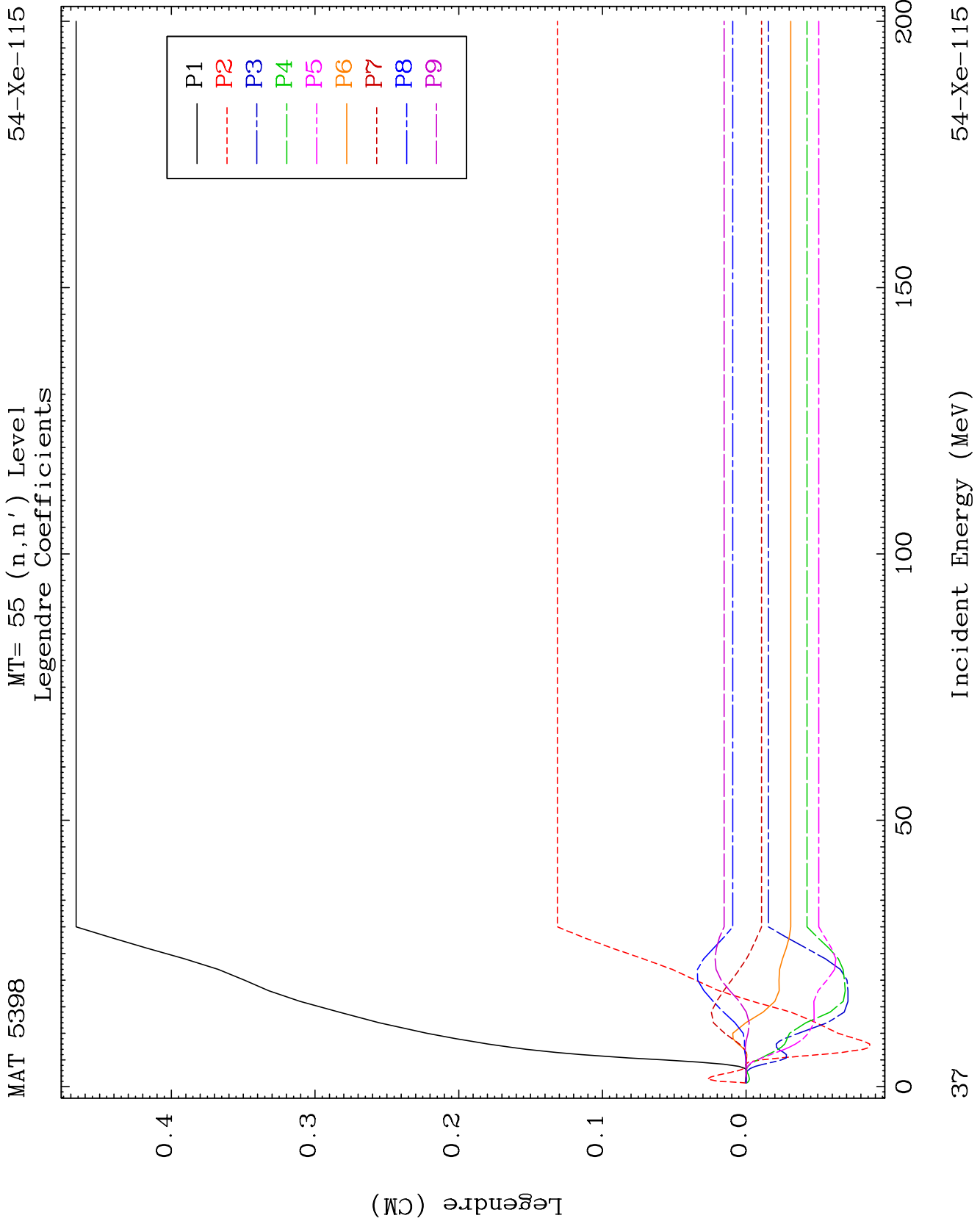








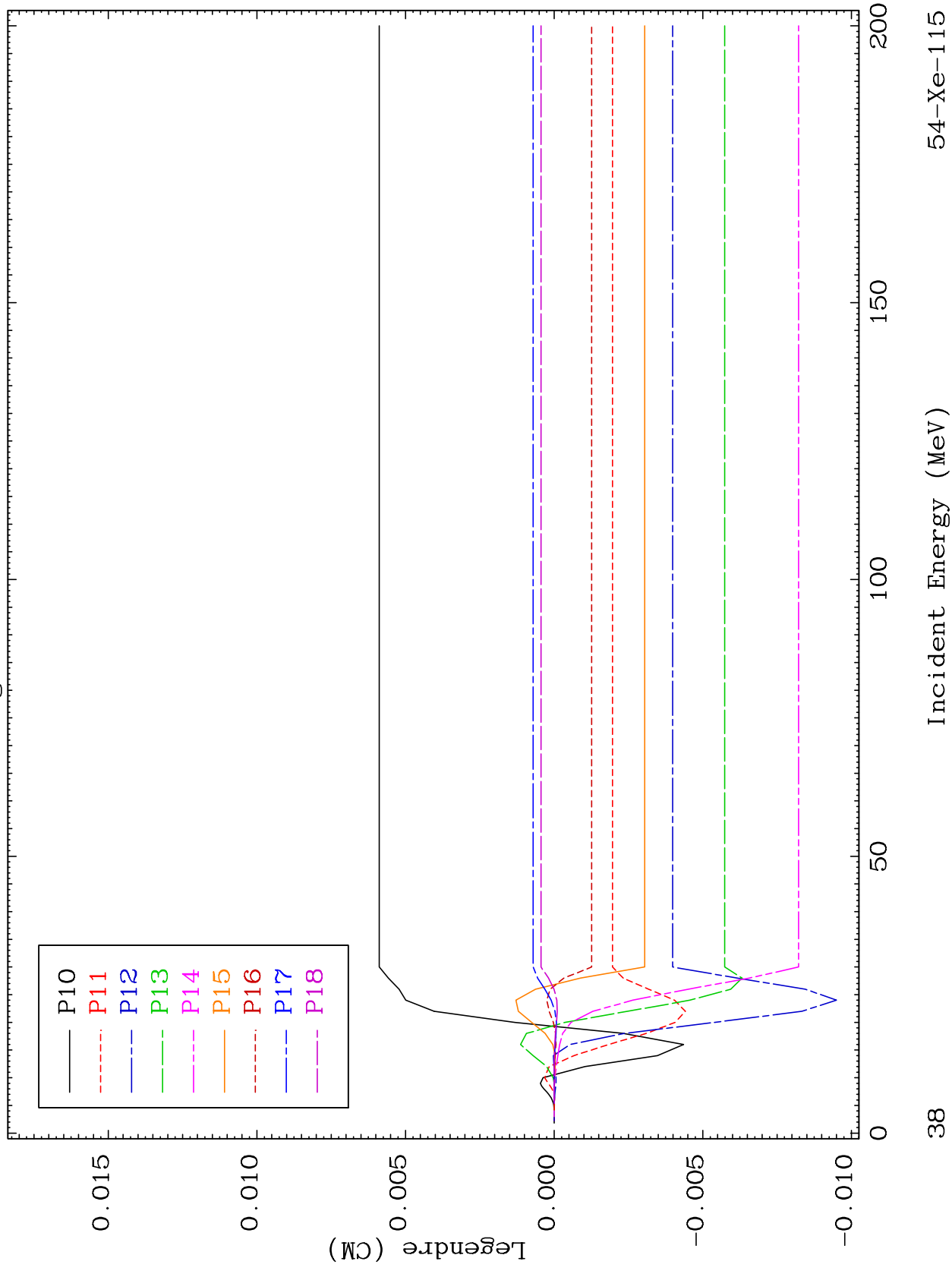




MAT 5398

54-Xe-115

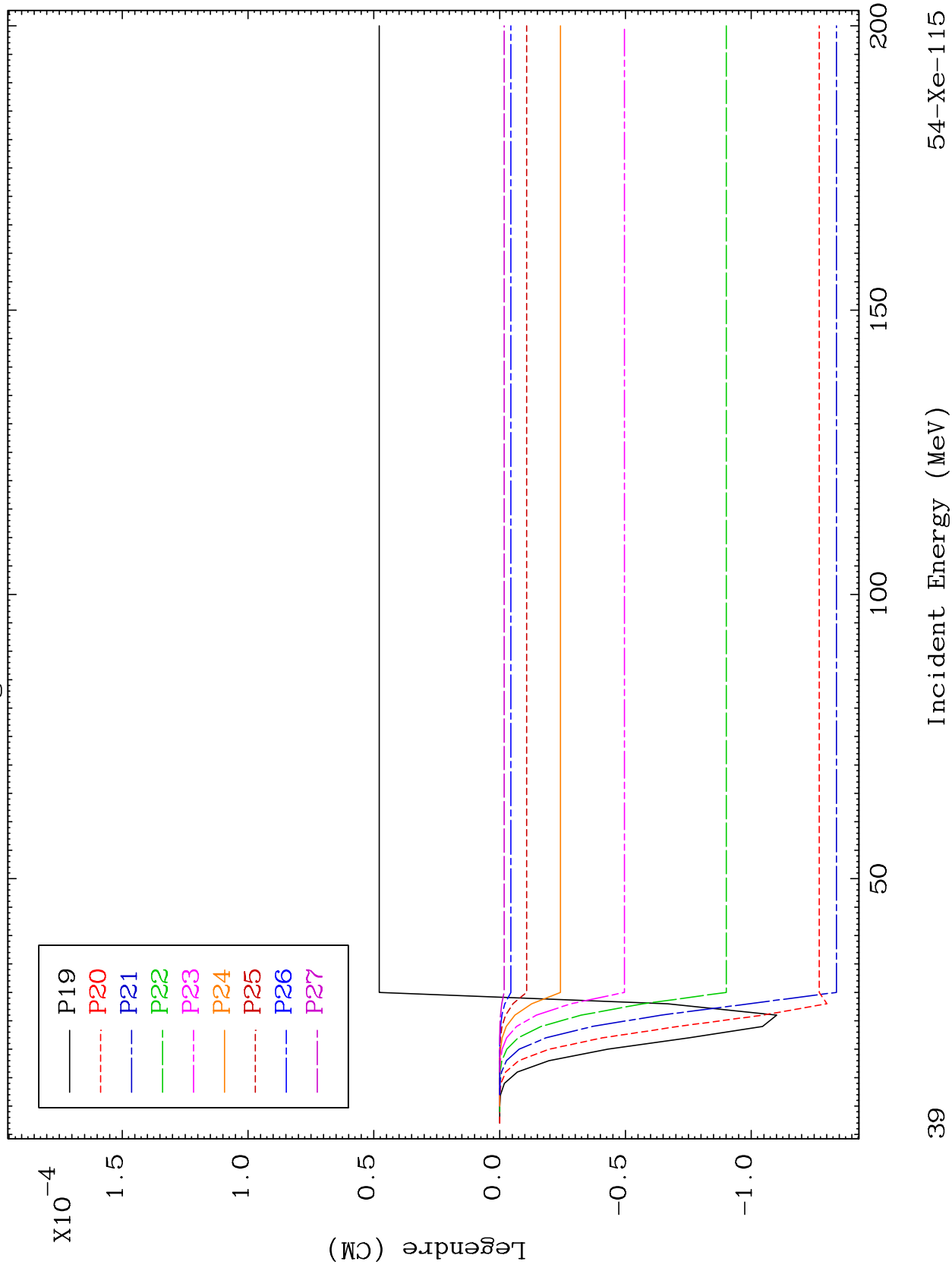
MT= 55 (n, n') Level
Legendre Coefficients

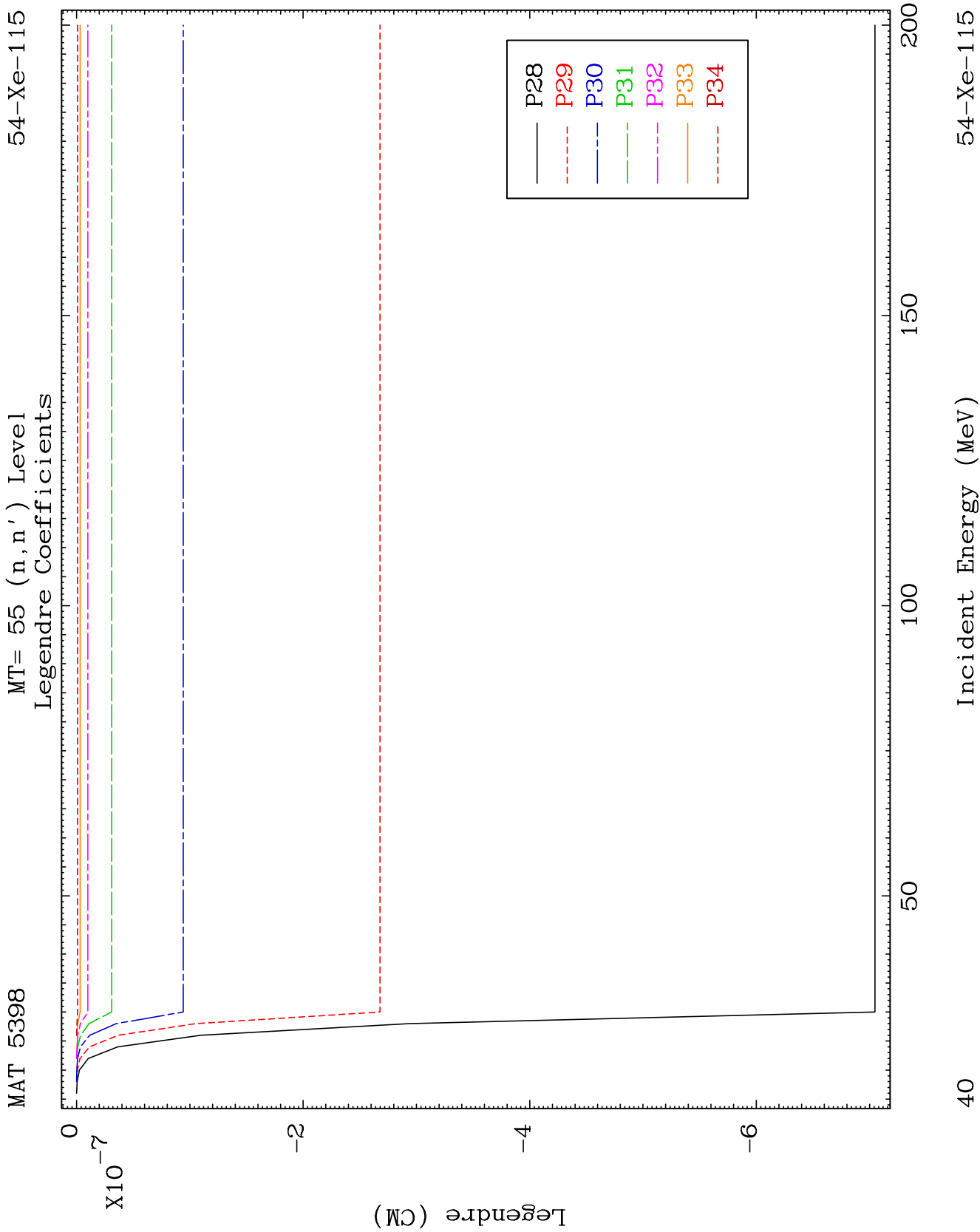


MAT 5398

54-Xe-115

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

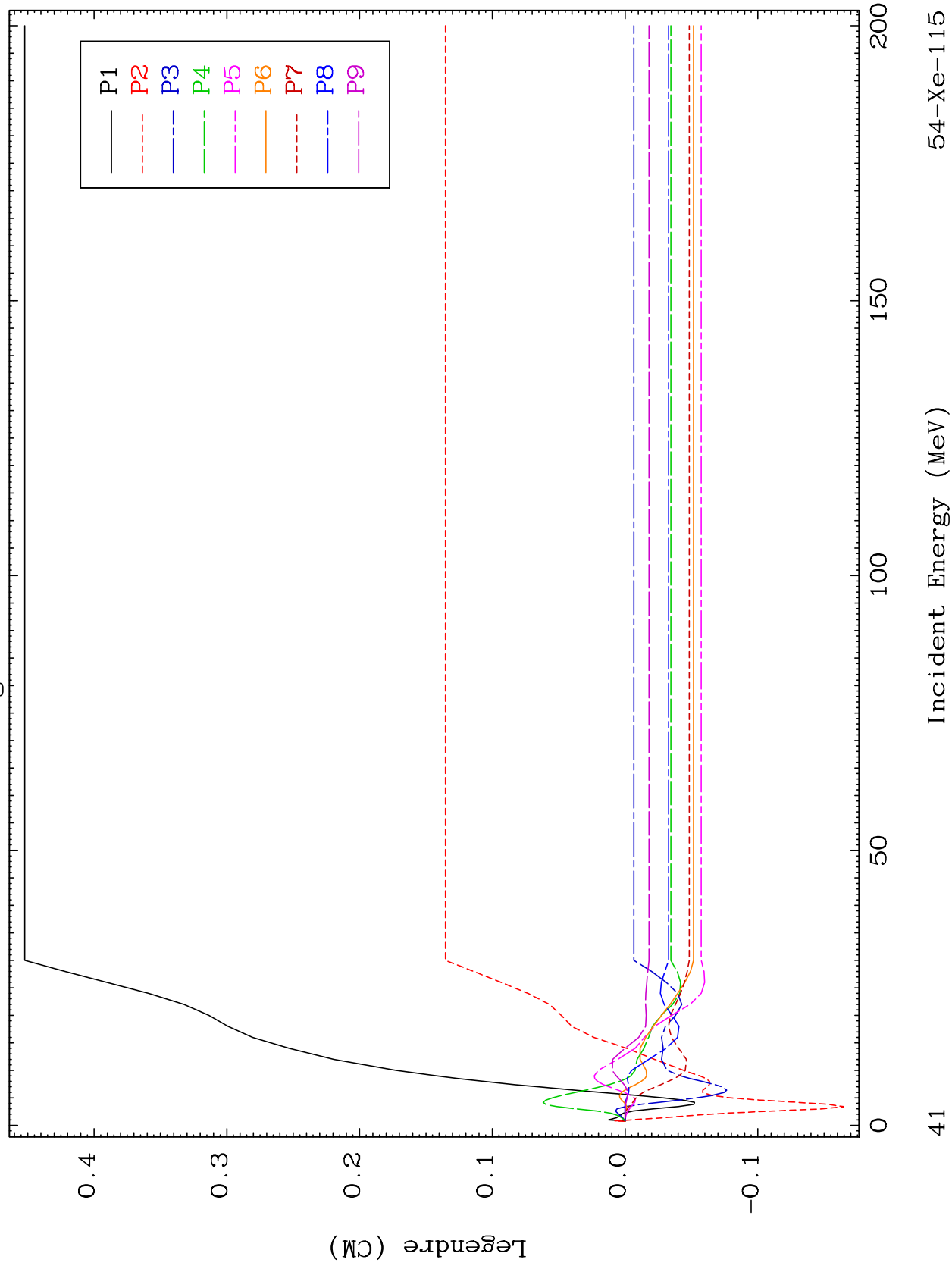




MAT 5398

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

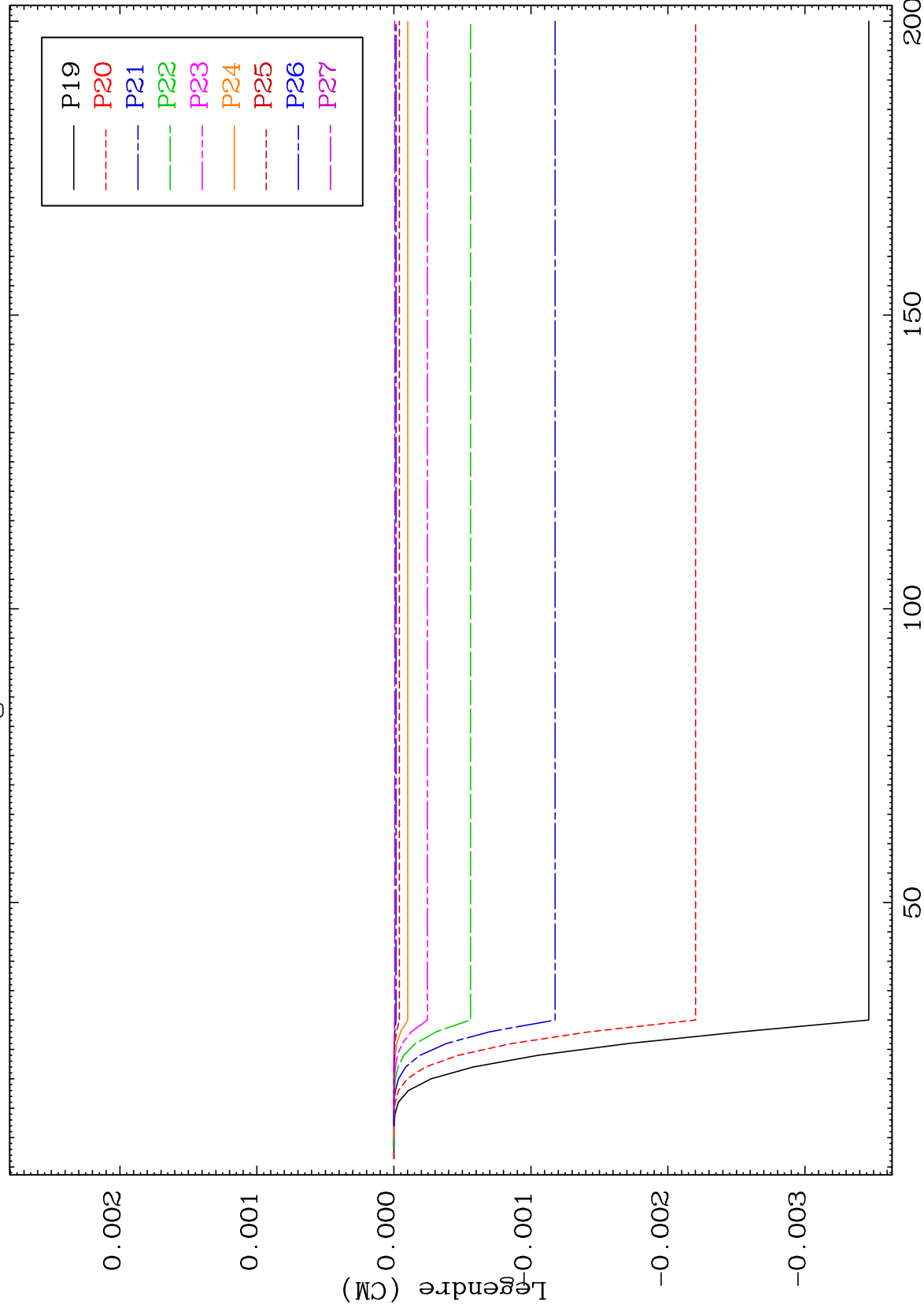
54-Xe-115



MAT 5398

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

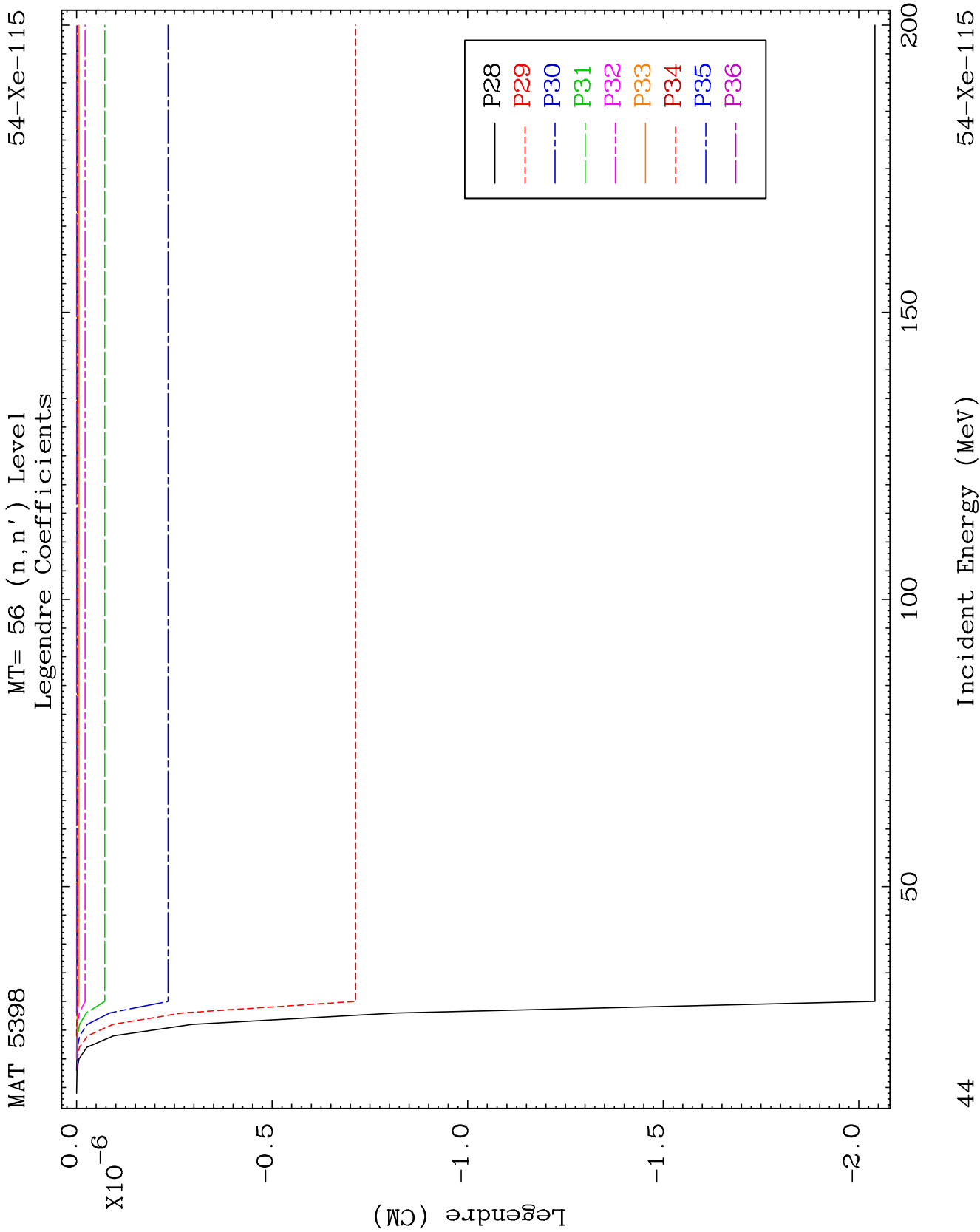
54-Xe-115

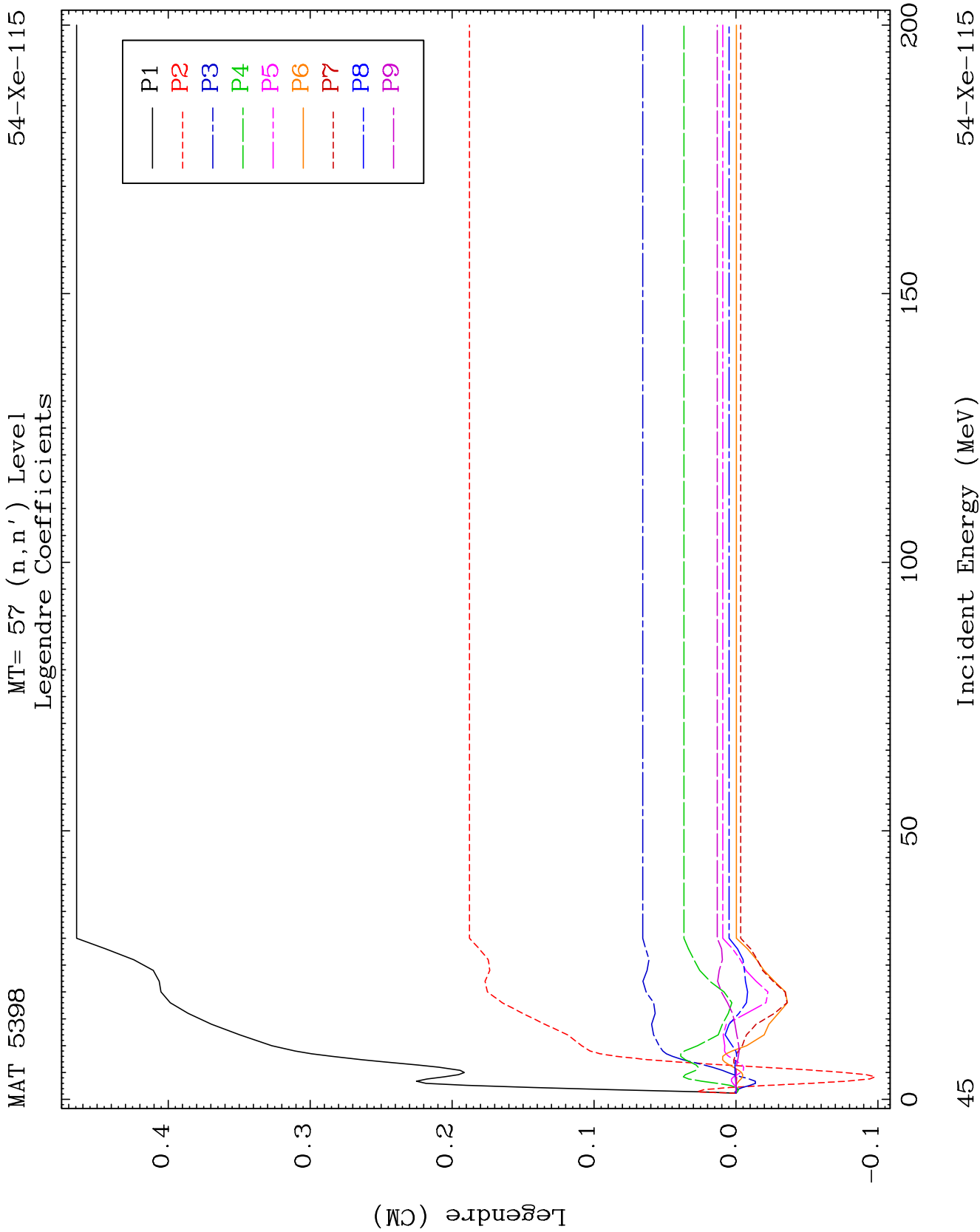


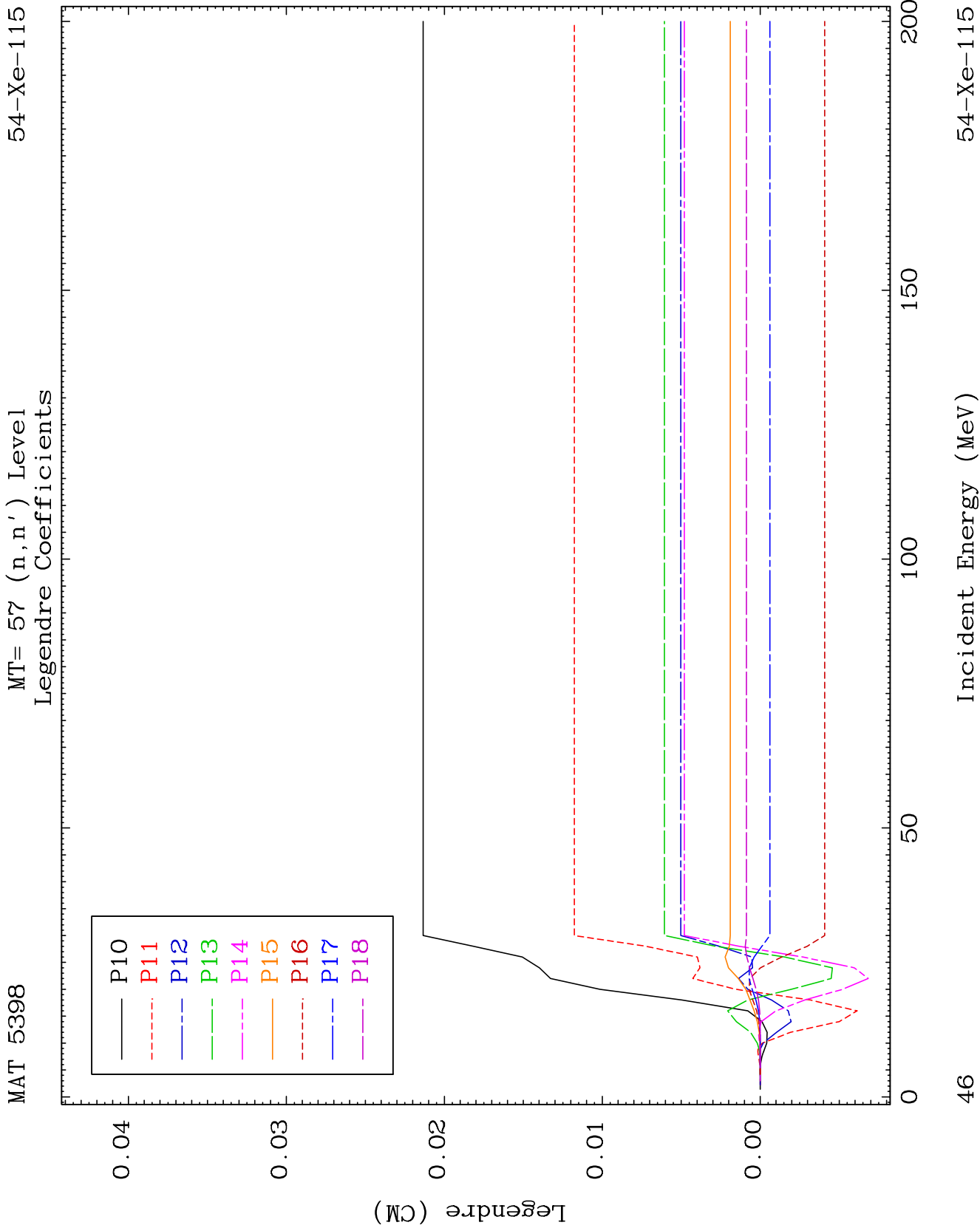
43

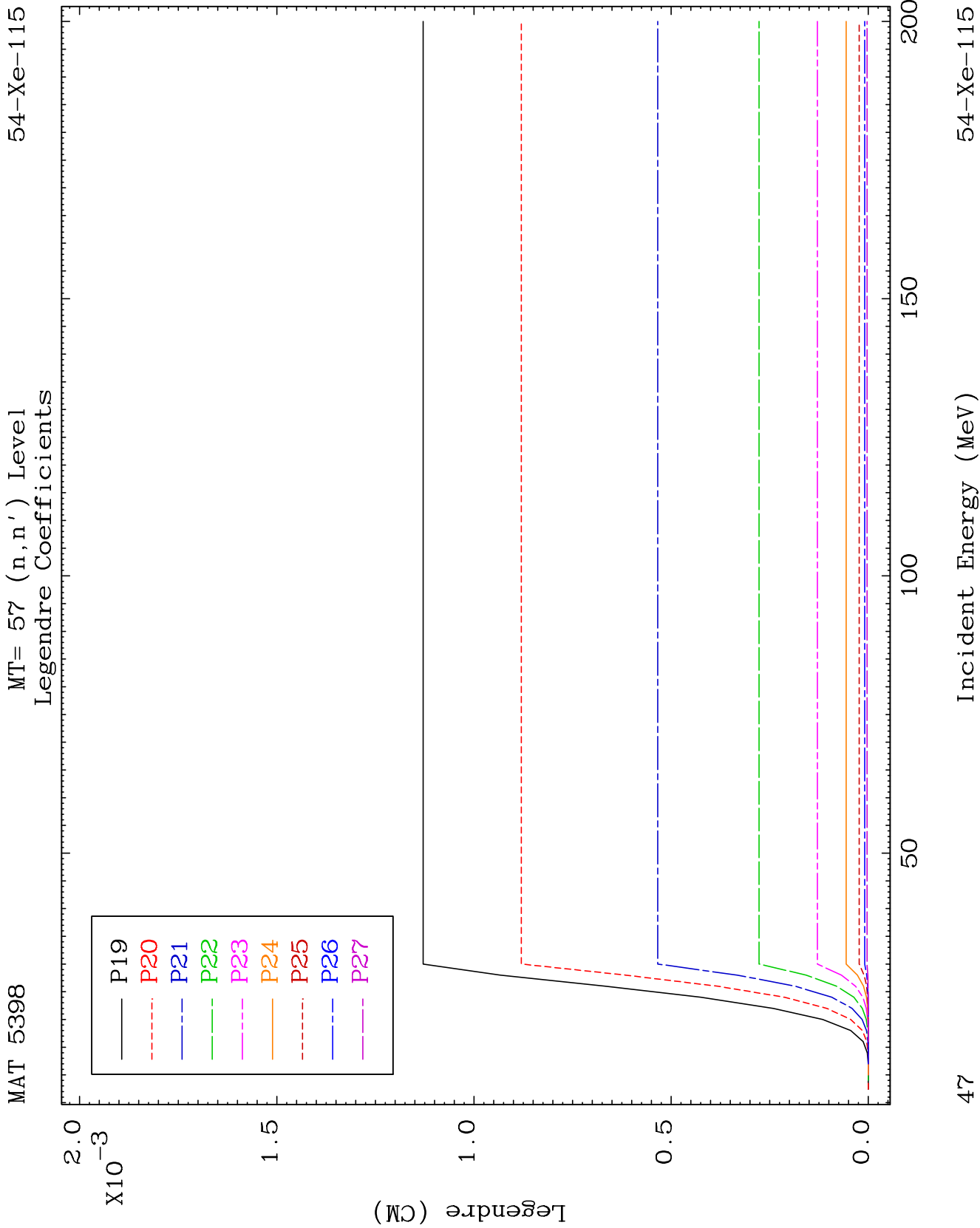
Incident Energy (MeV)

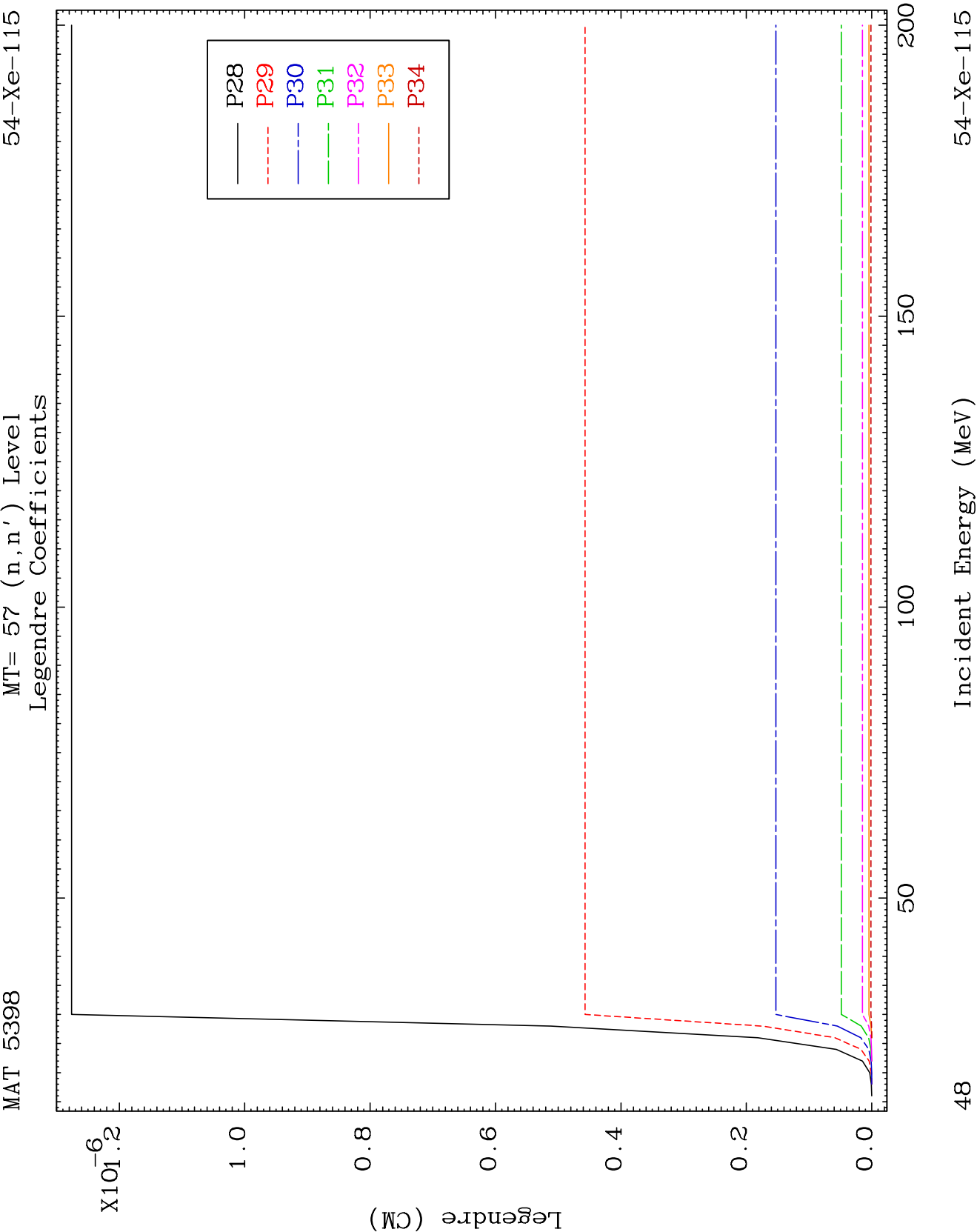
54-Xe-115







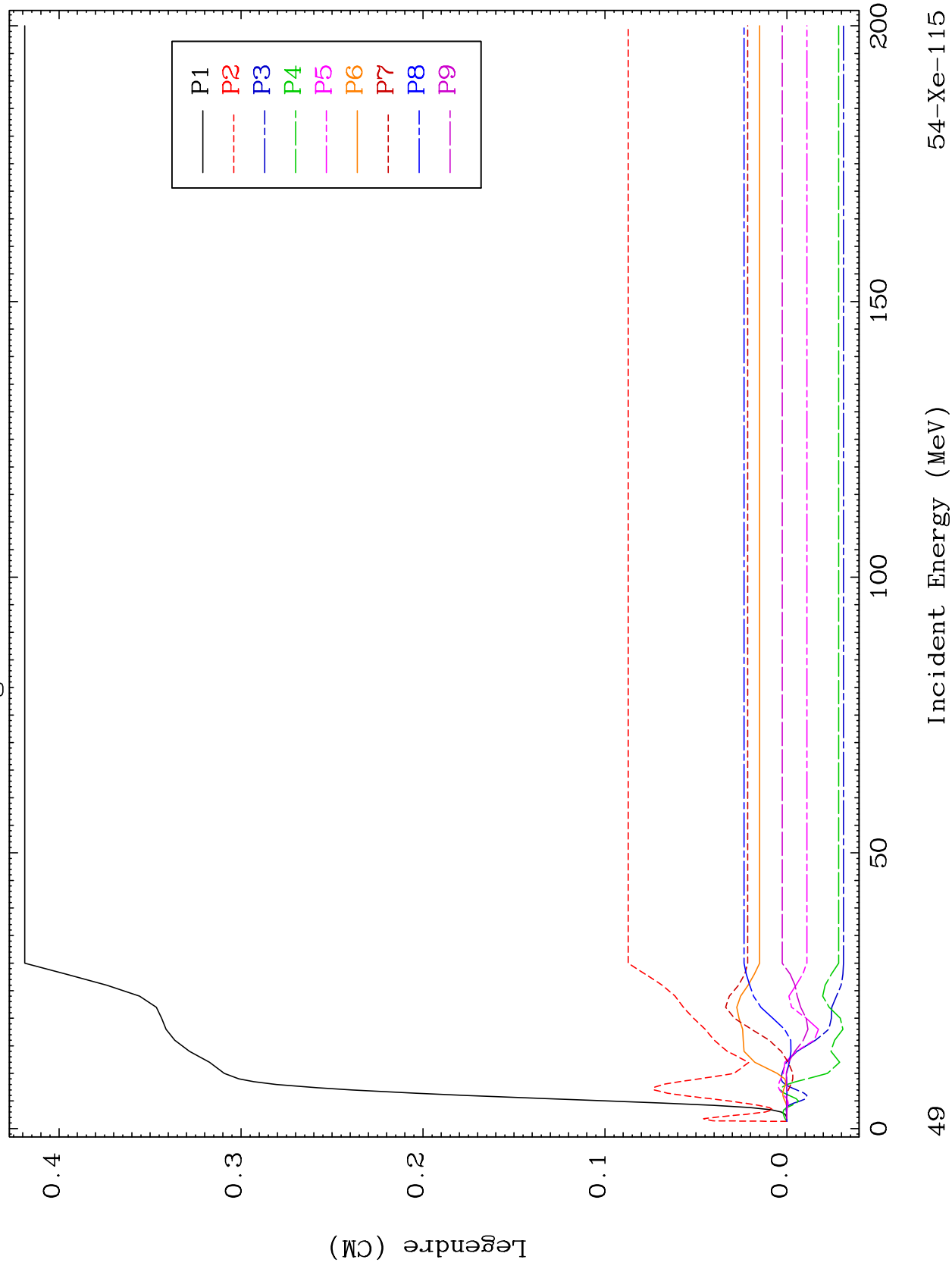




MAT 5398

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

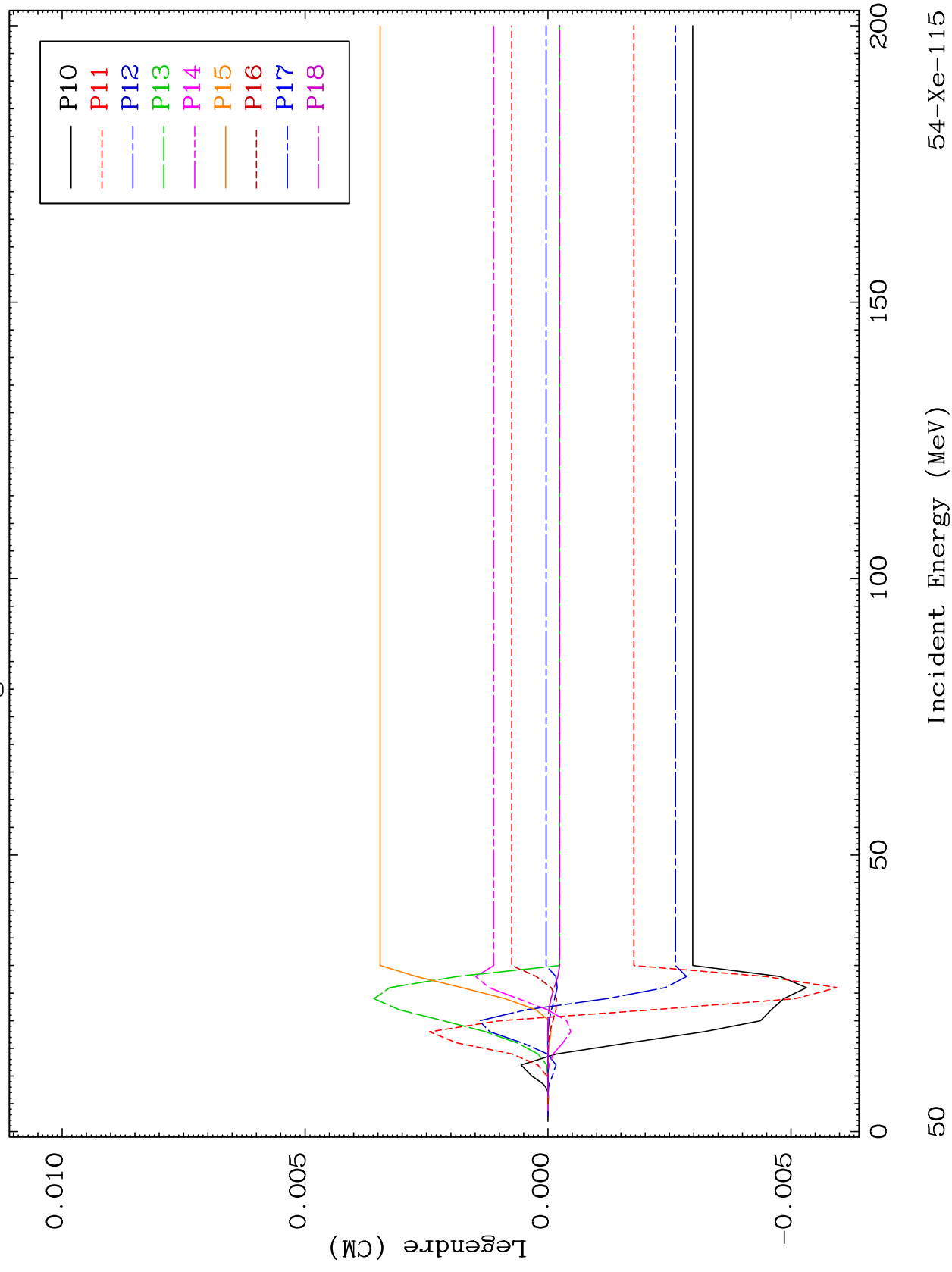
54-Xe-115

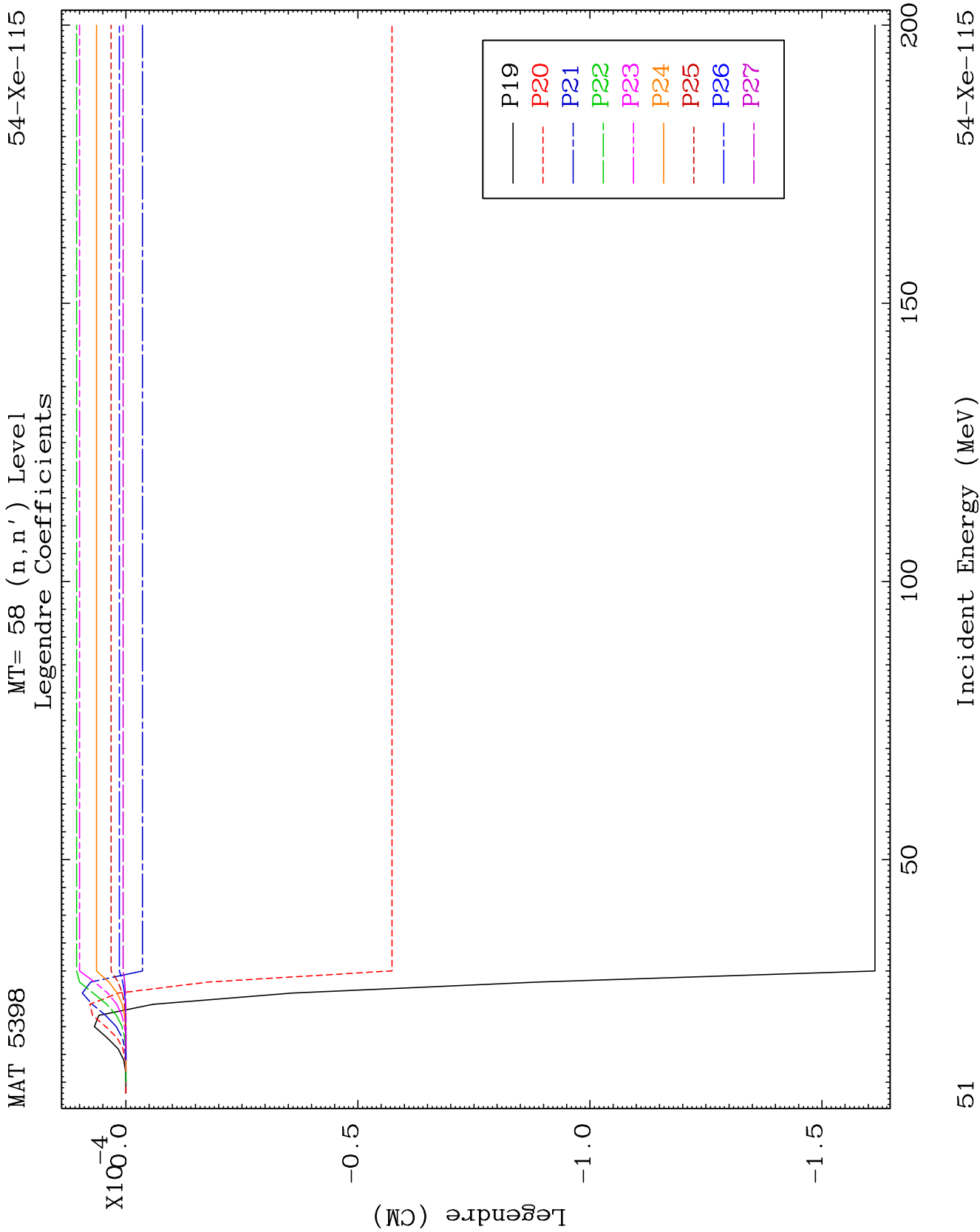


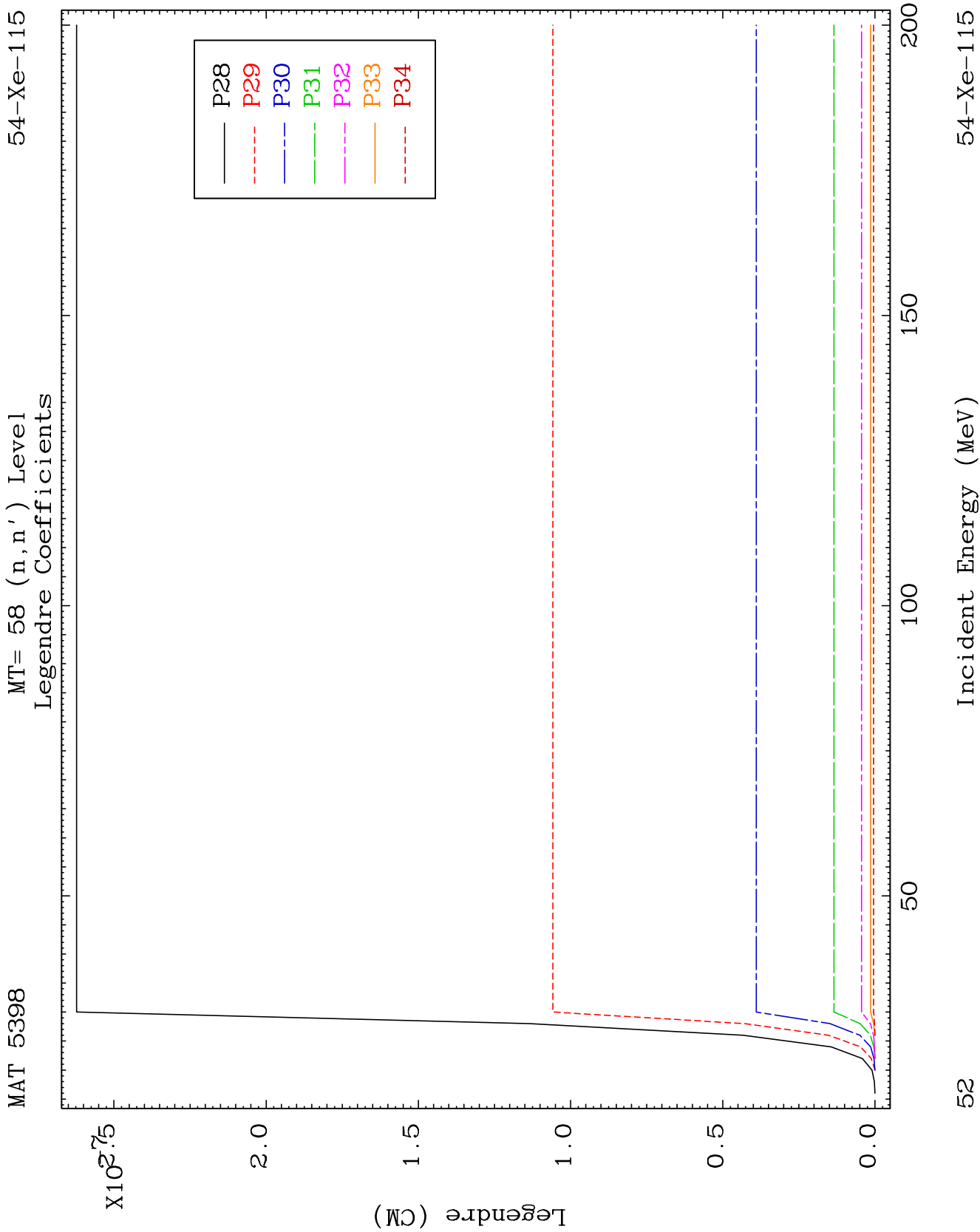
MAT 5398

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

54-Xe-115



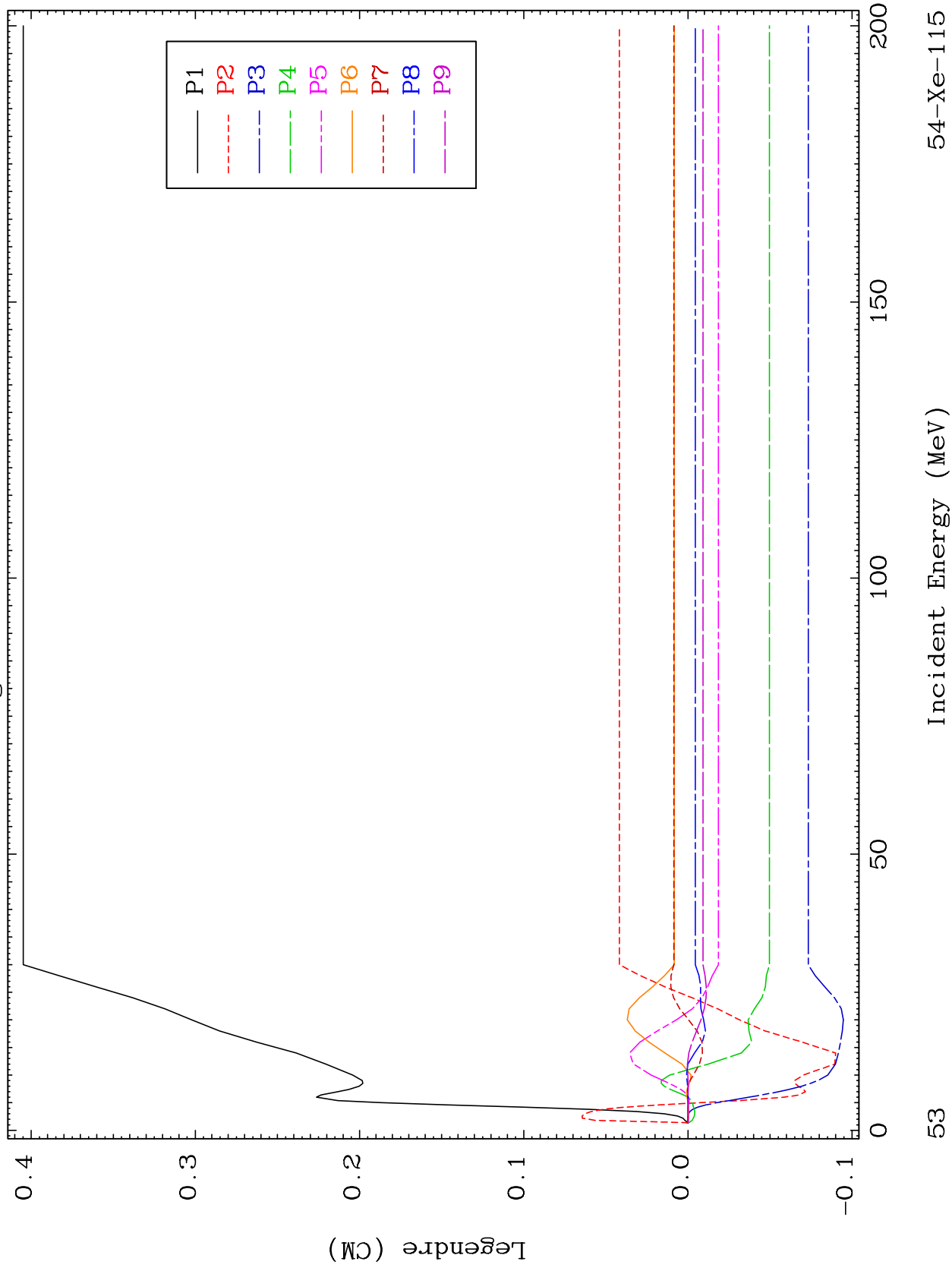




MAT 5398

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

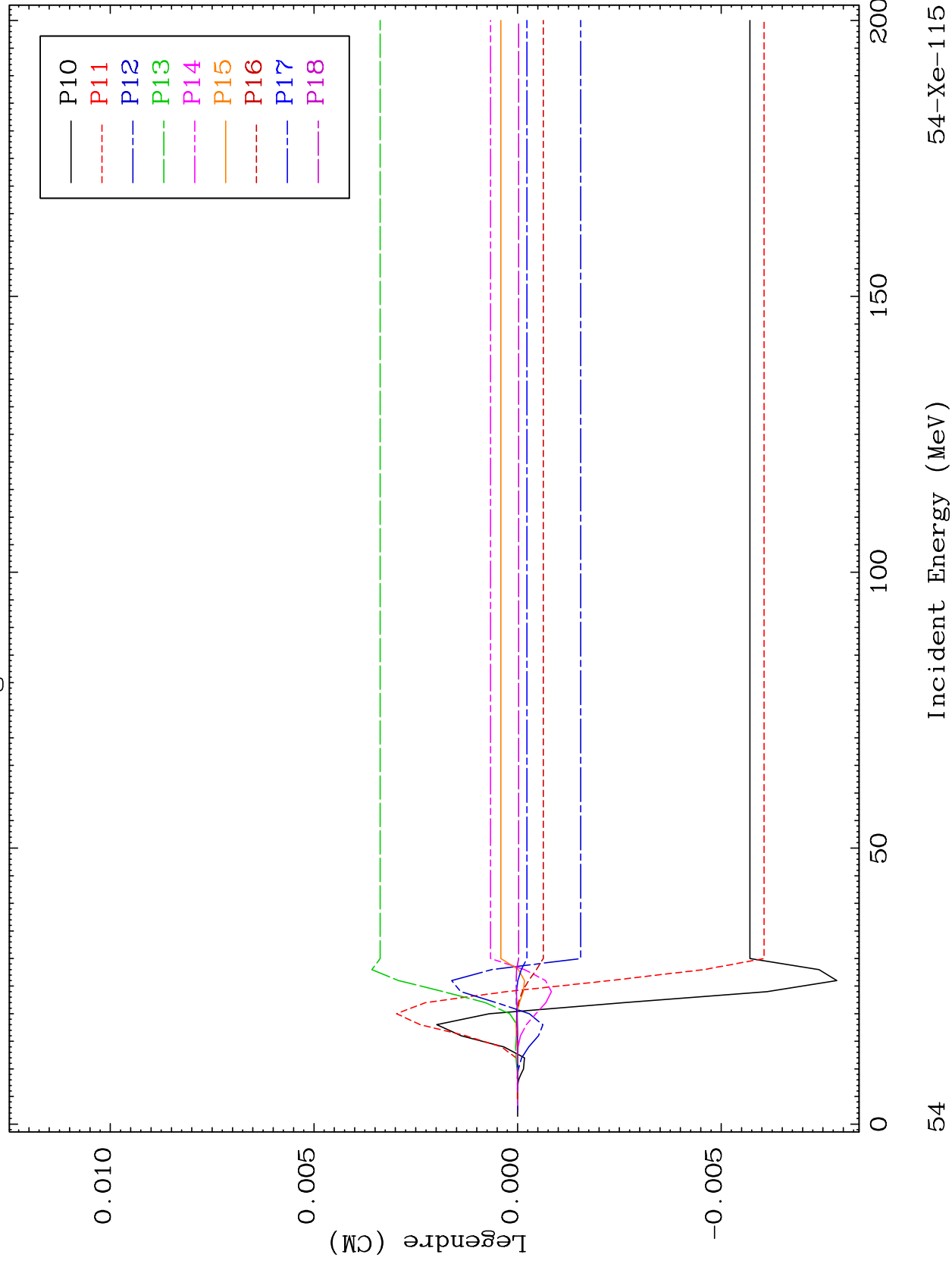
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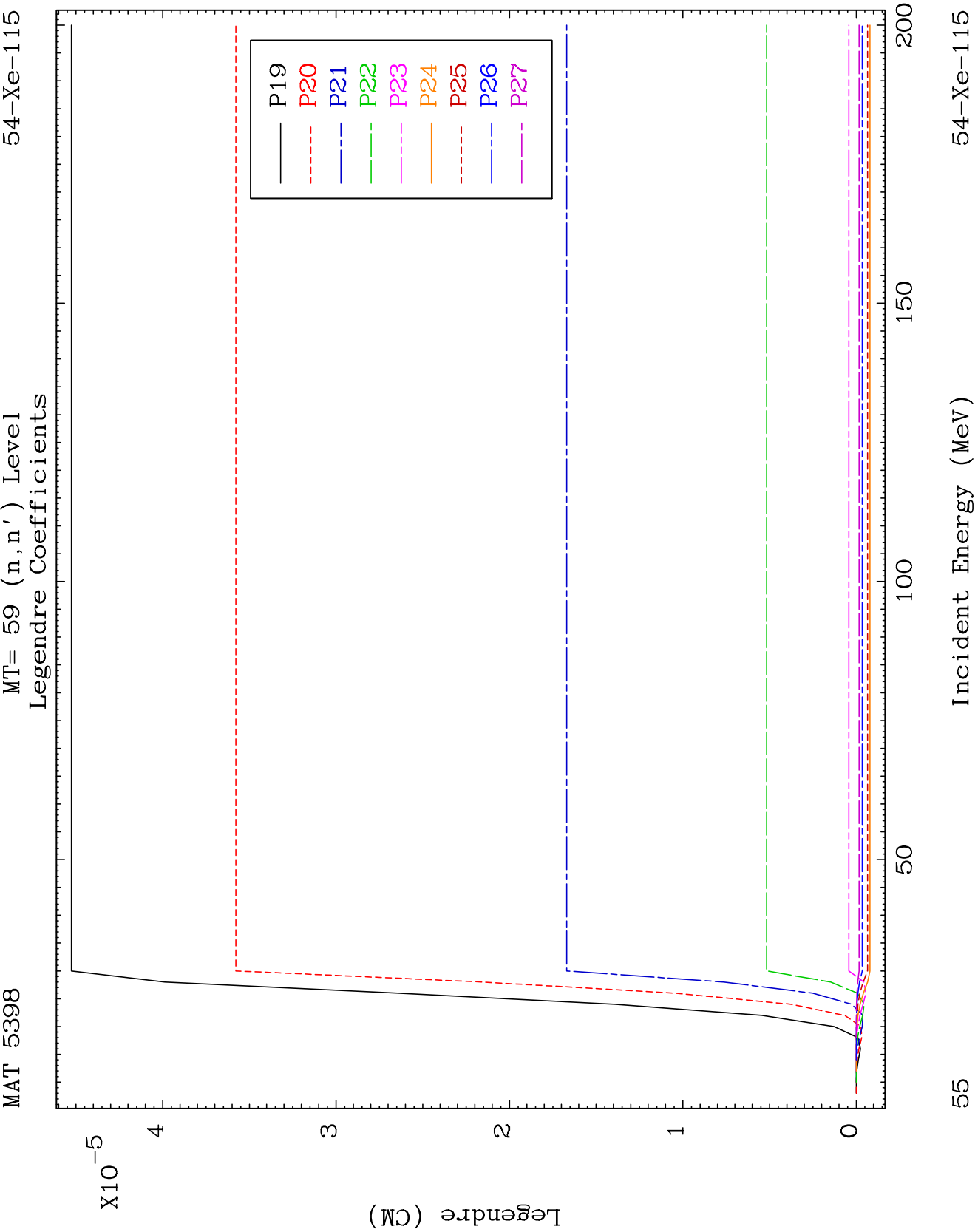


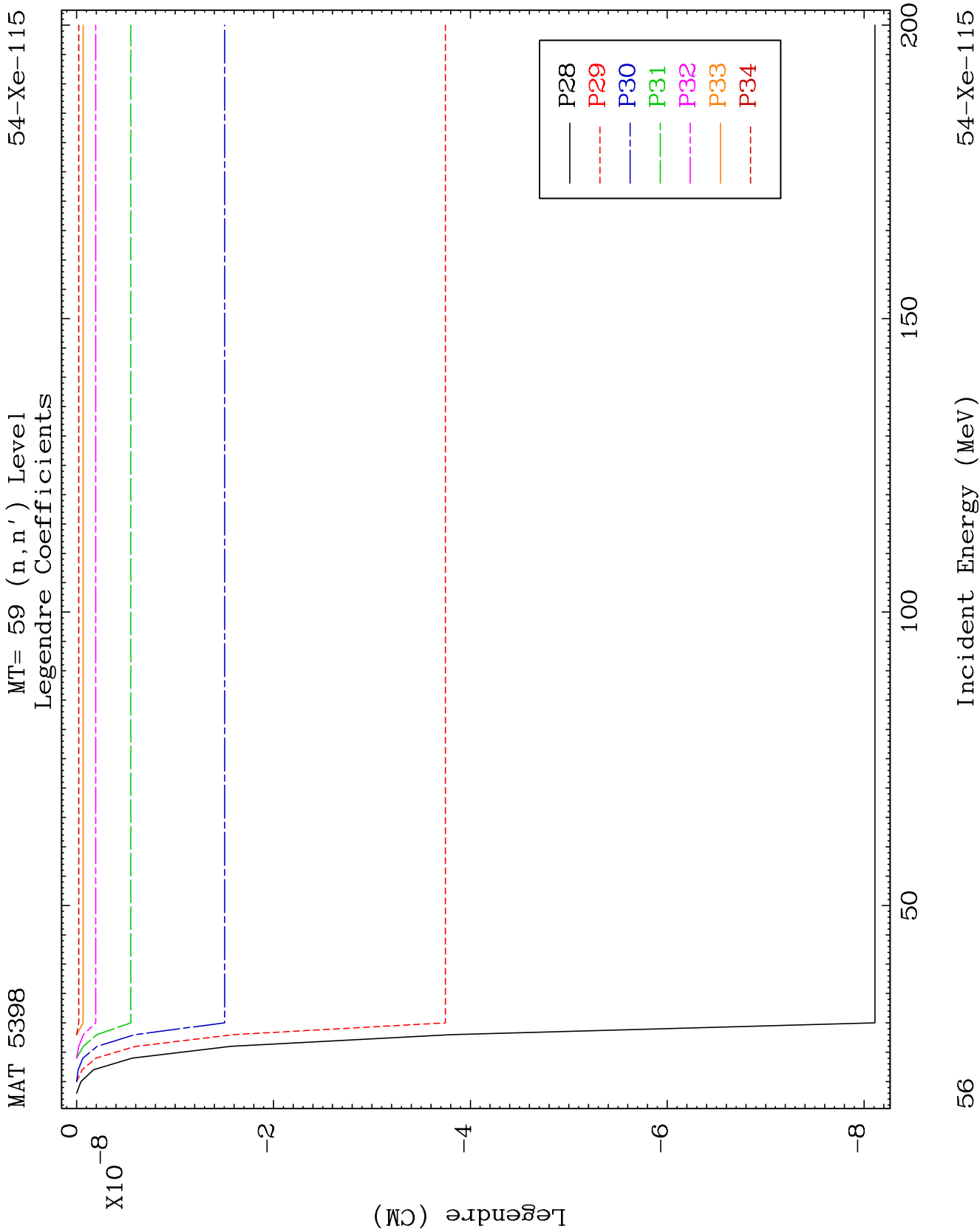
MAT 5398

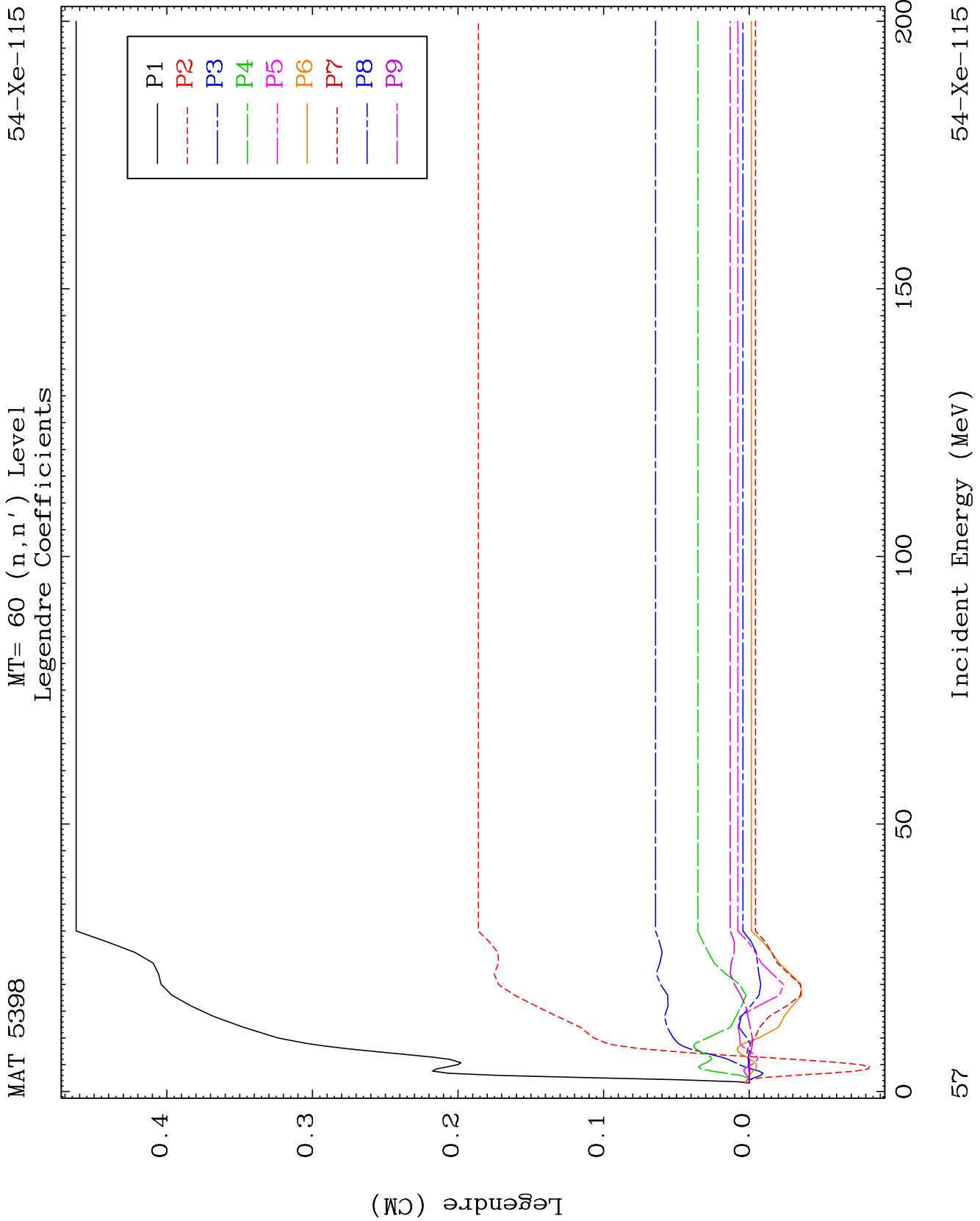
MT= 59 (n, n') Level
Legendre Coefficients

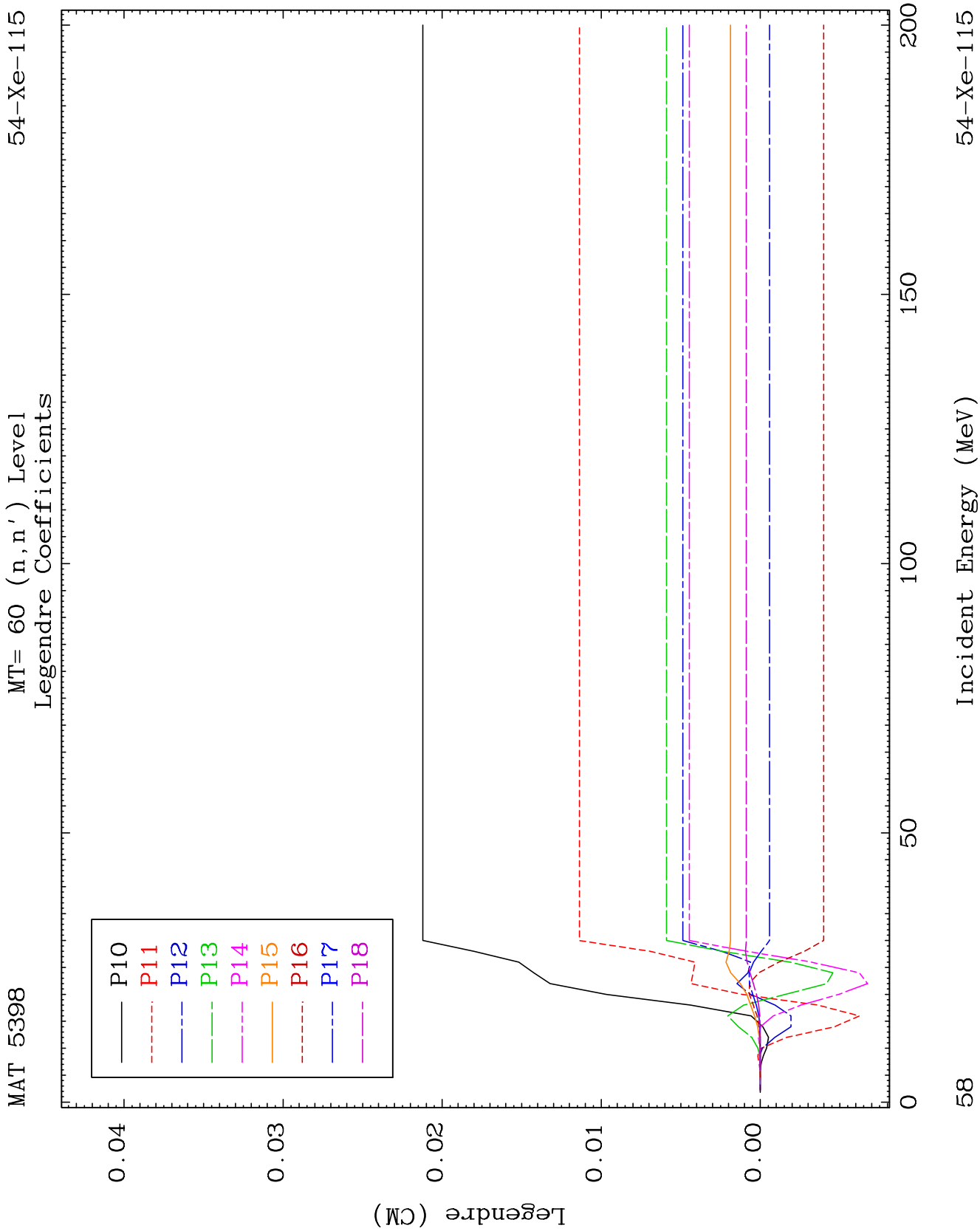
54-Xe-115







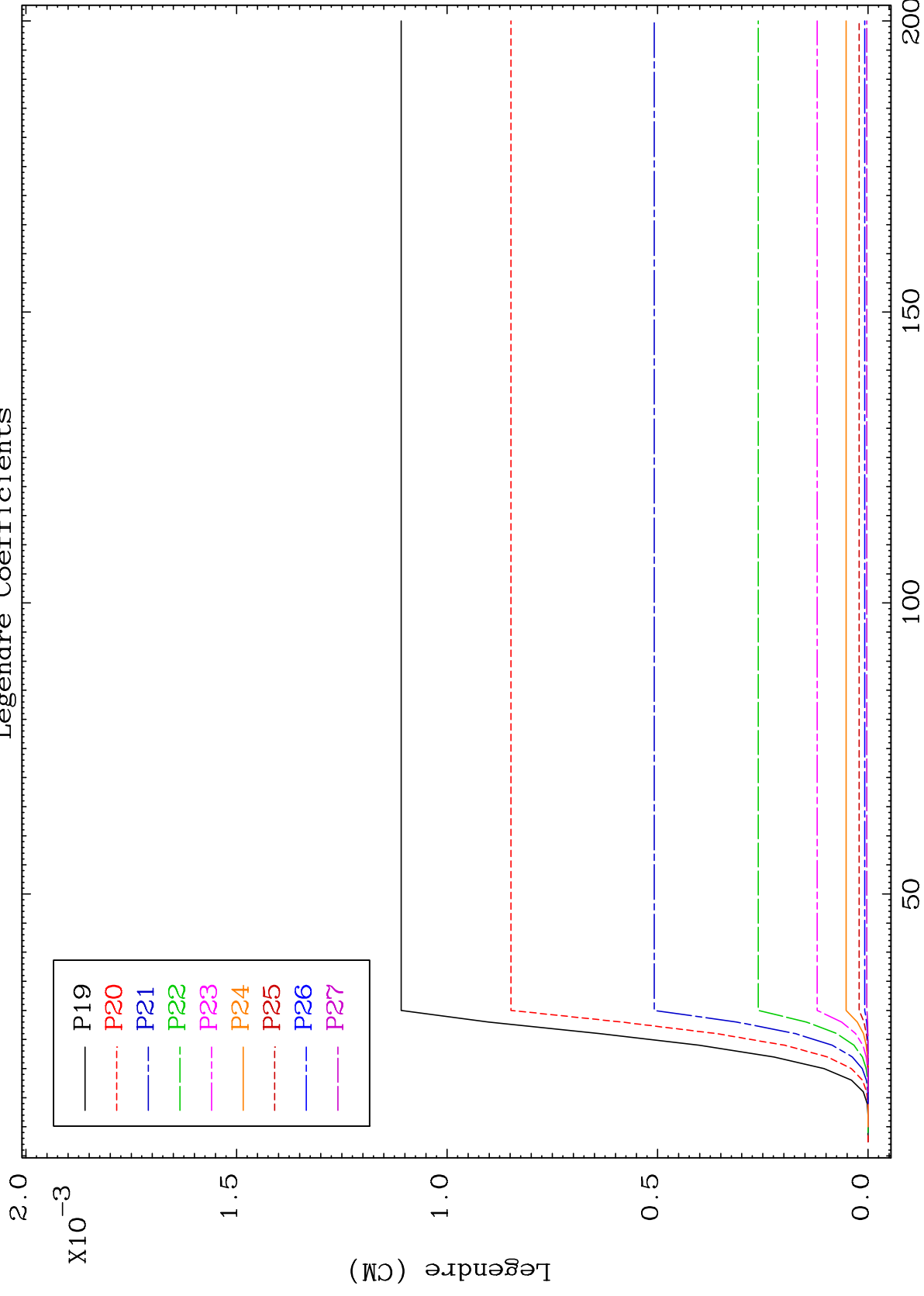




MAT 5398

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

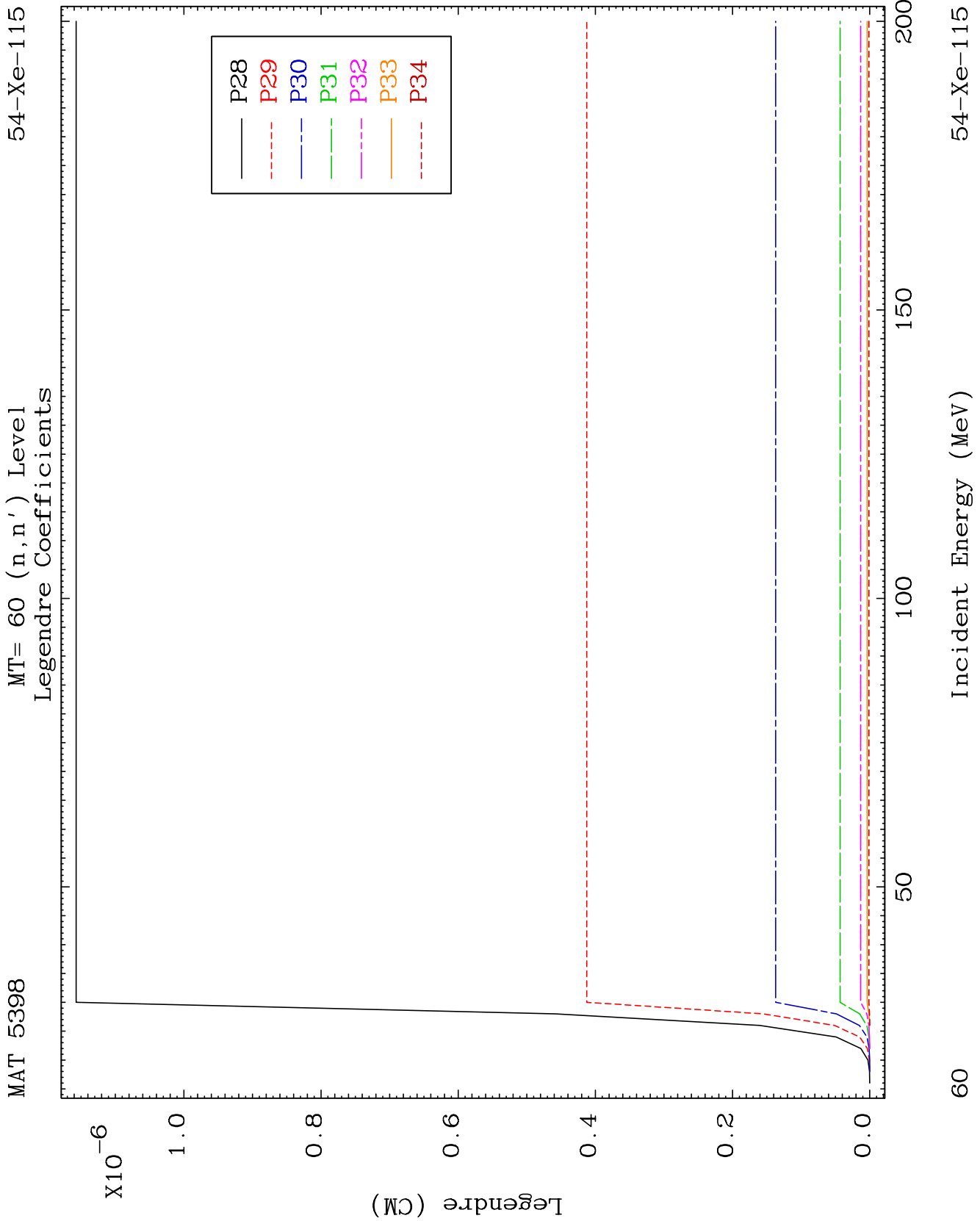
54-Xe-115



59

Incident Energy (MeV)

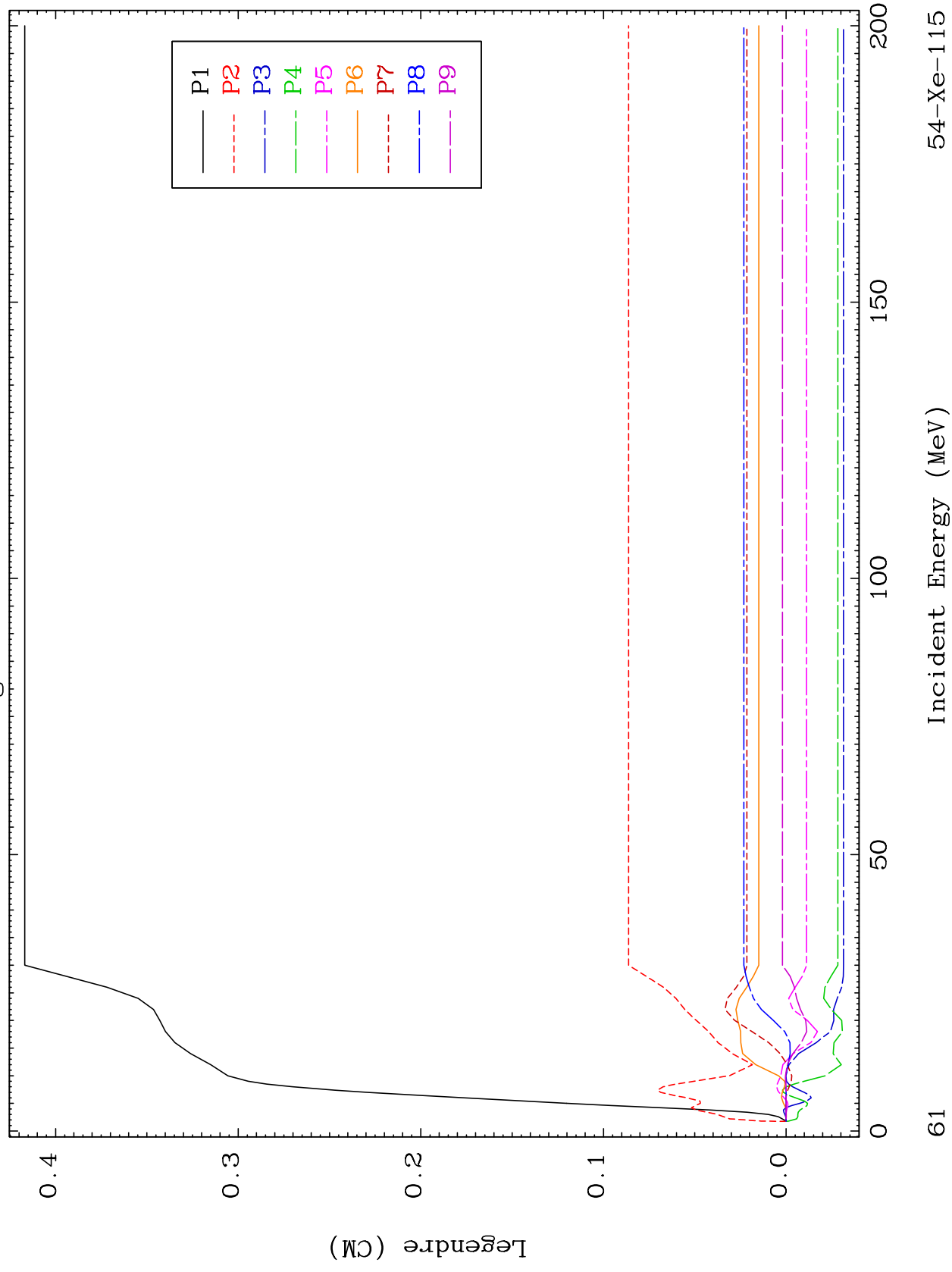
54-Xe-115

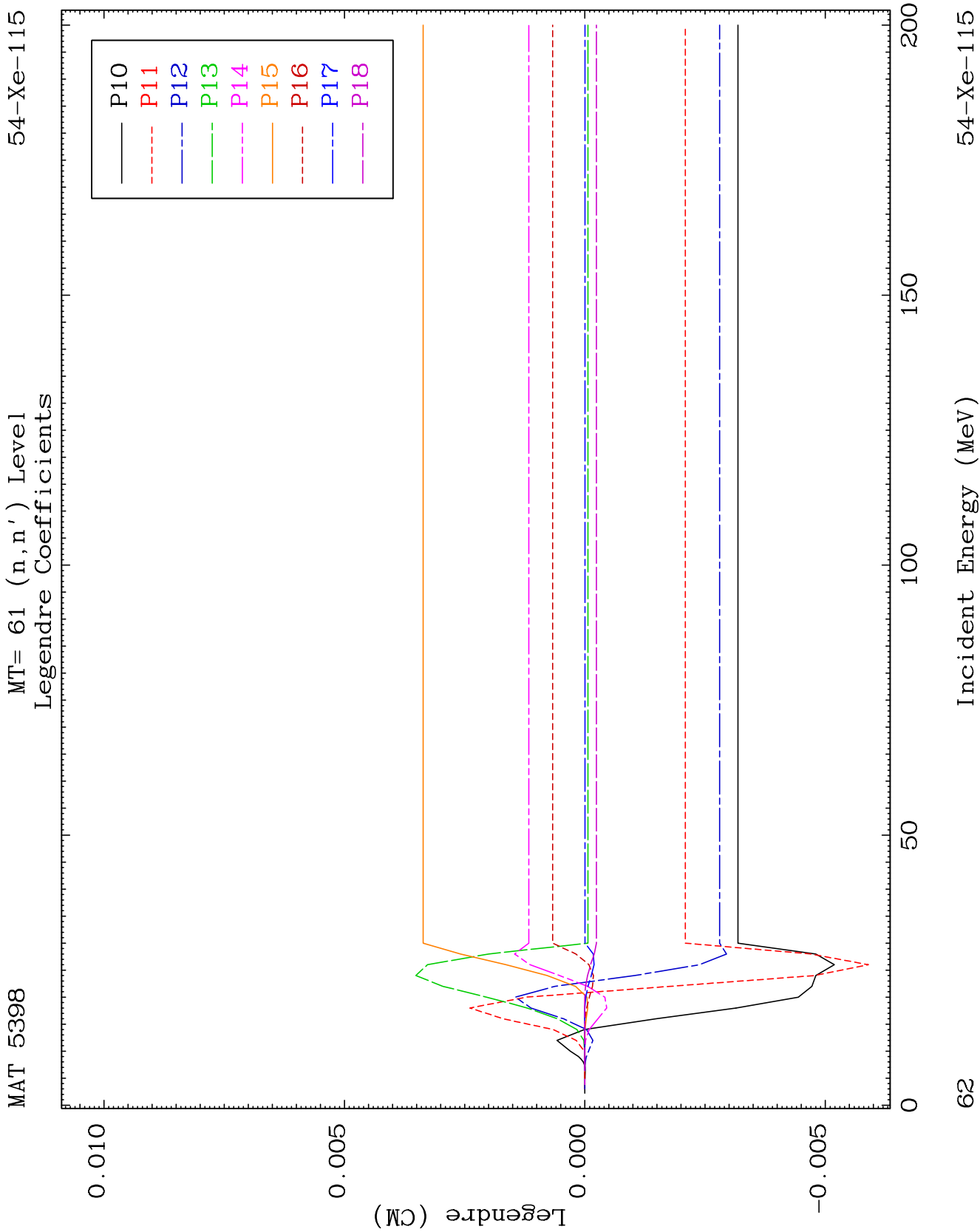


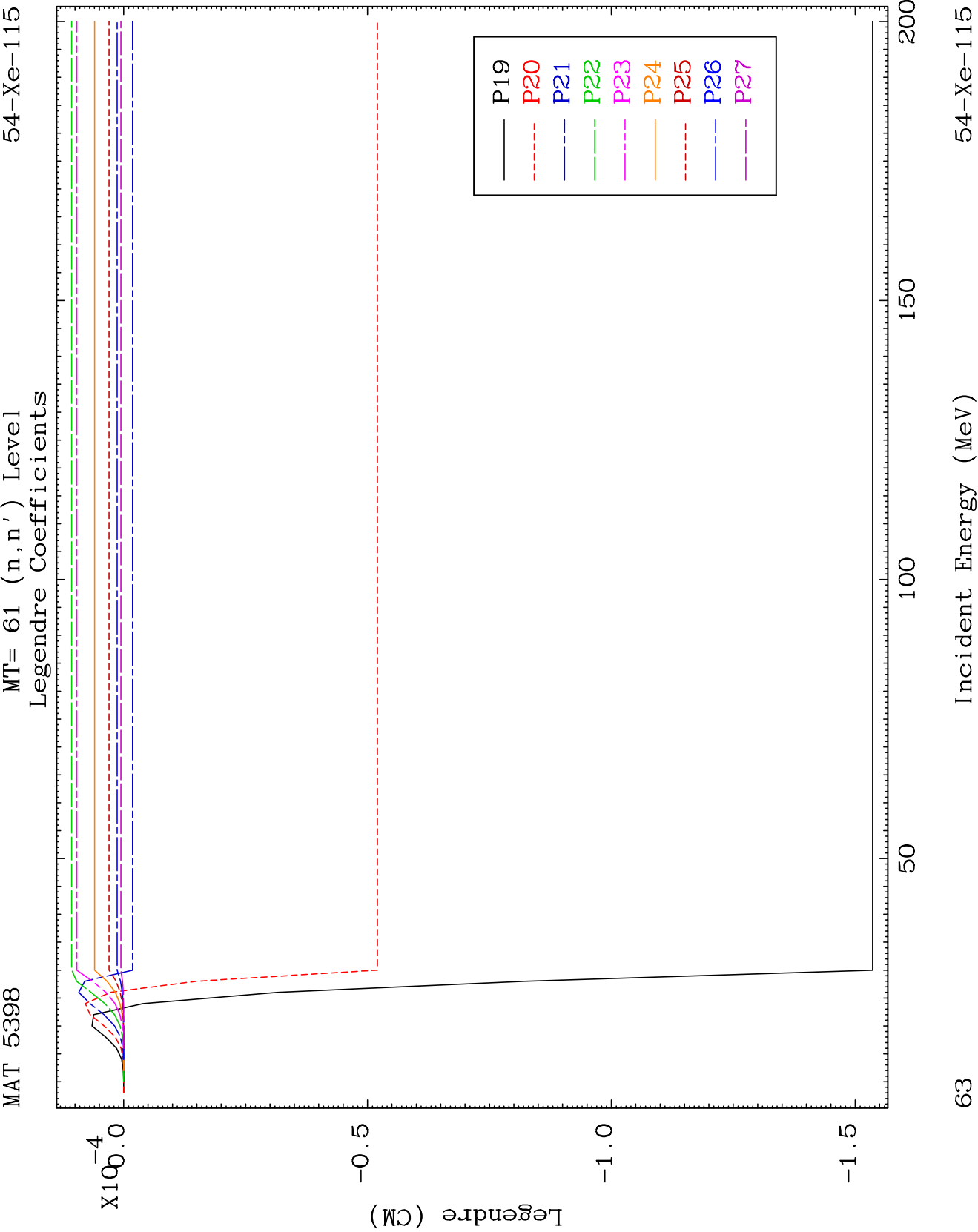
MAT 5398

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

54-Xe-115



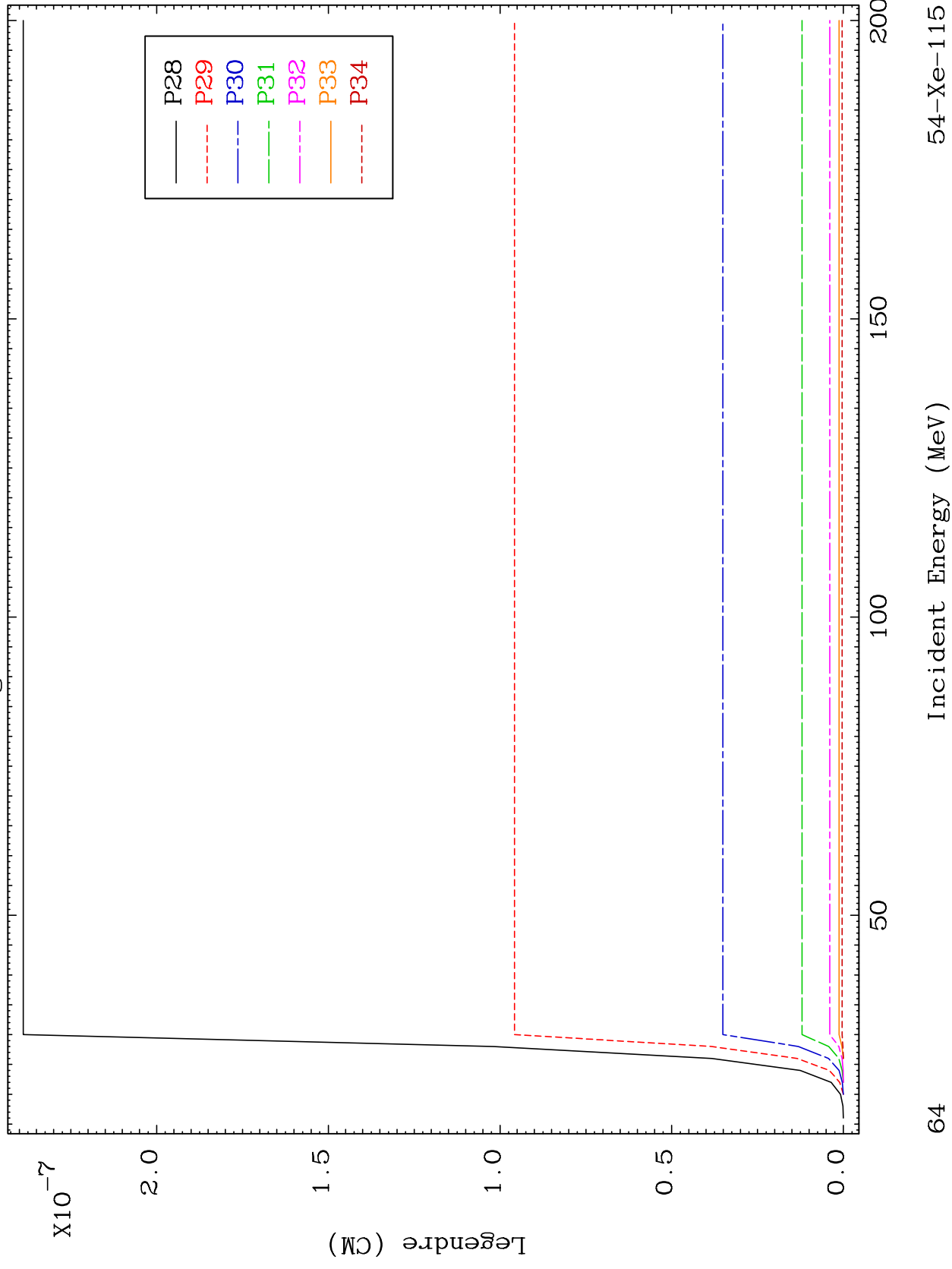


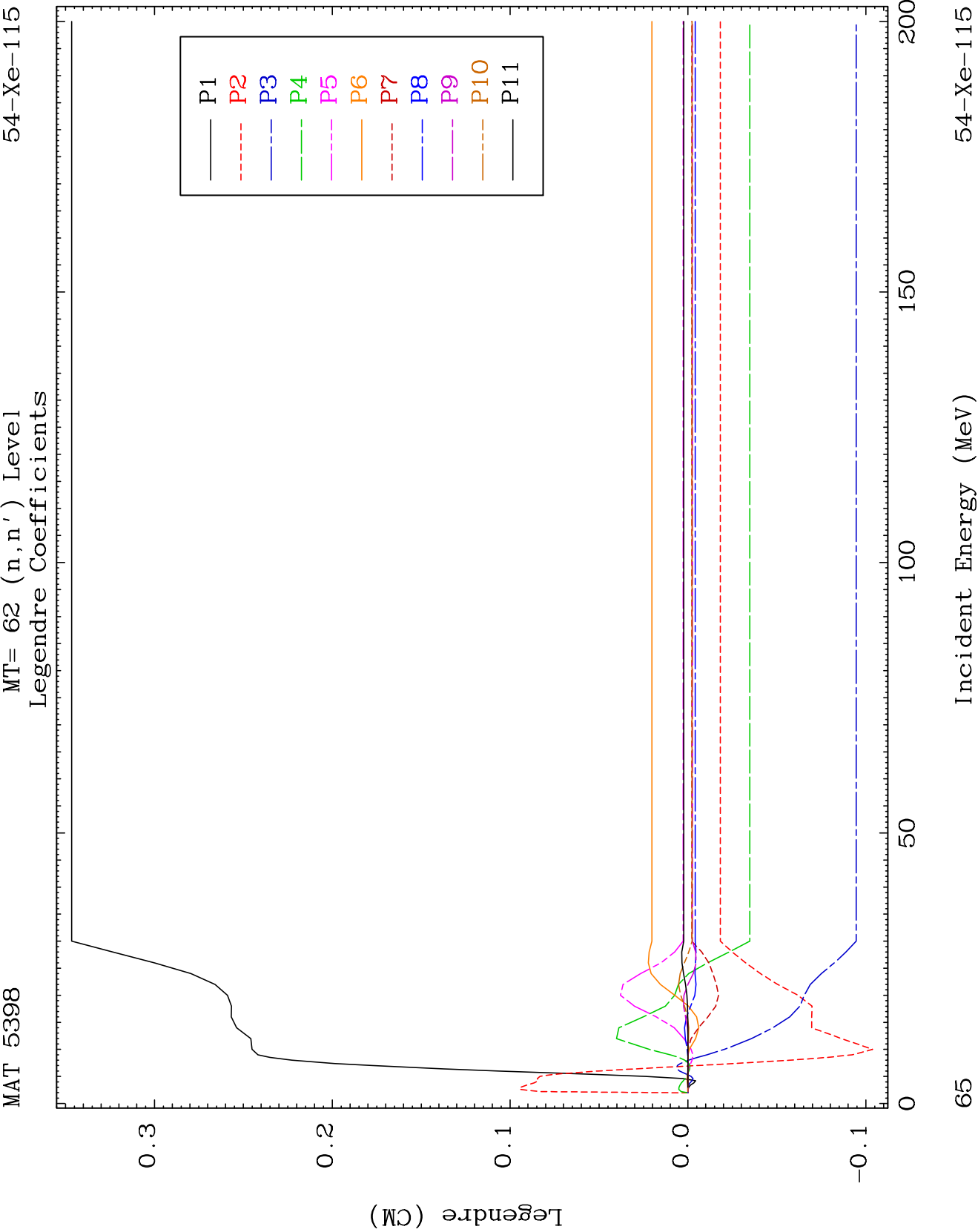


MAT 5398

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

54-Xe-115

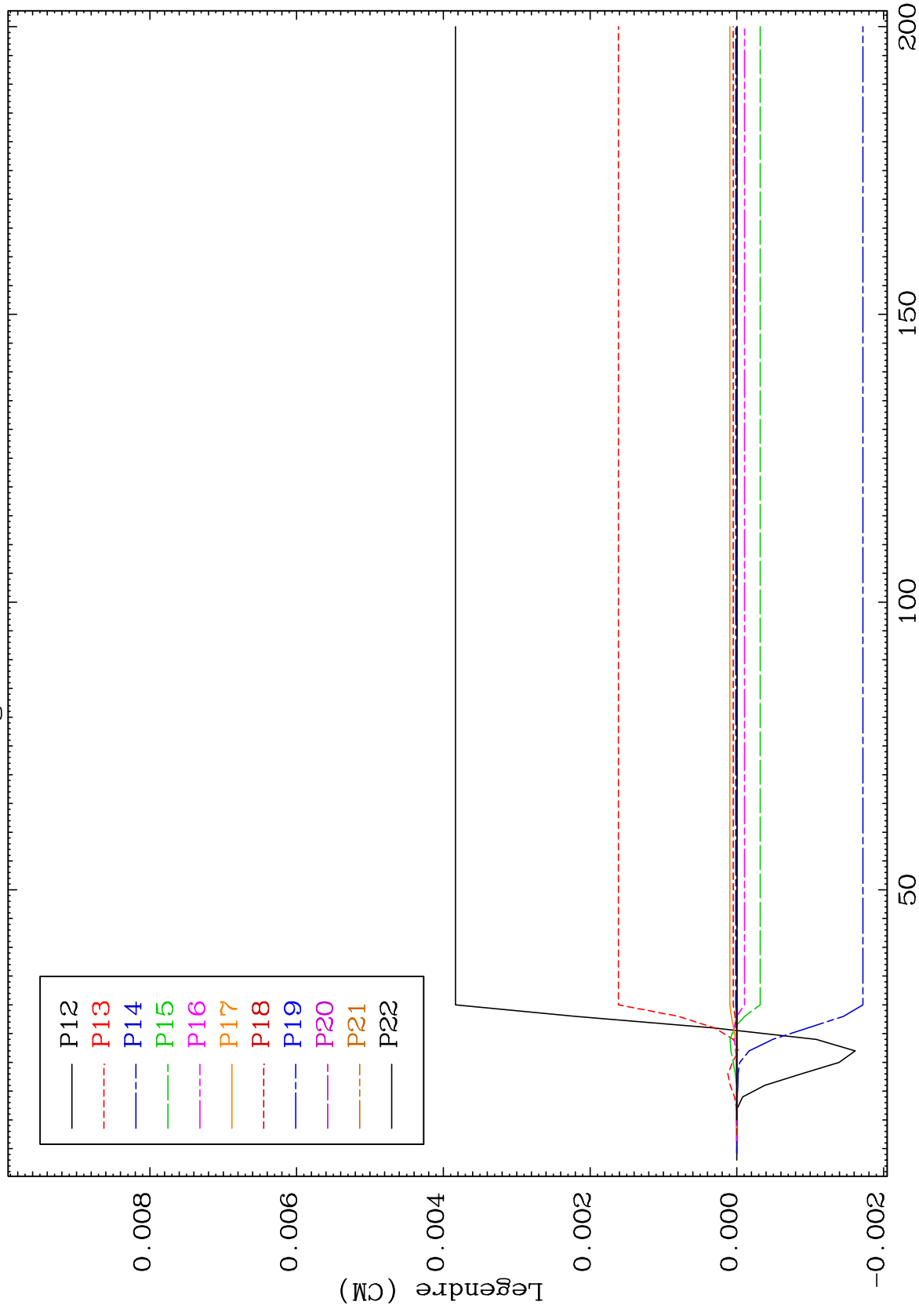




MAT 5398

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

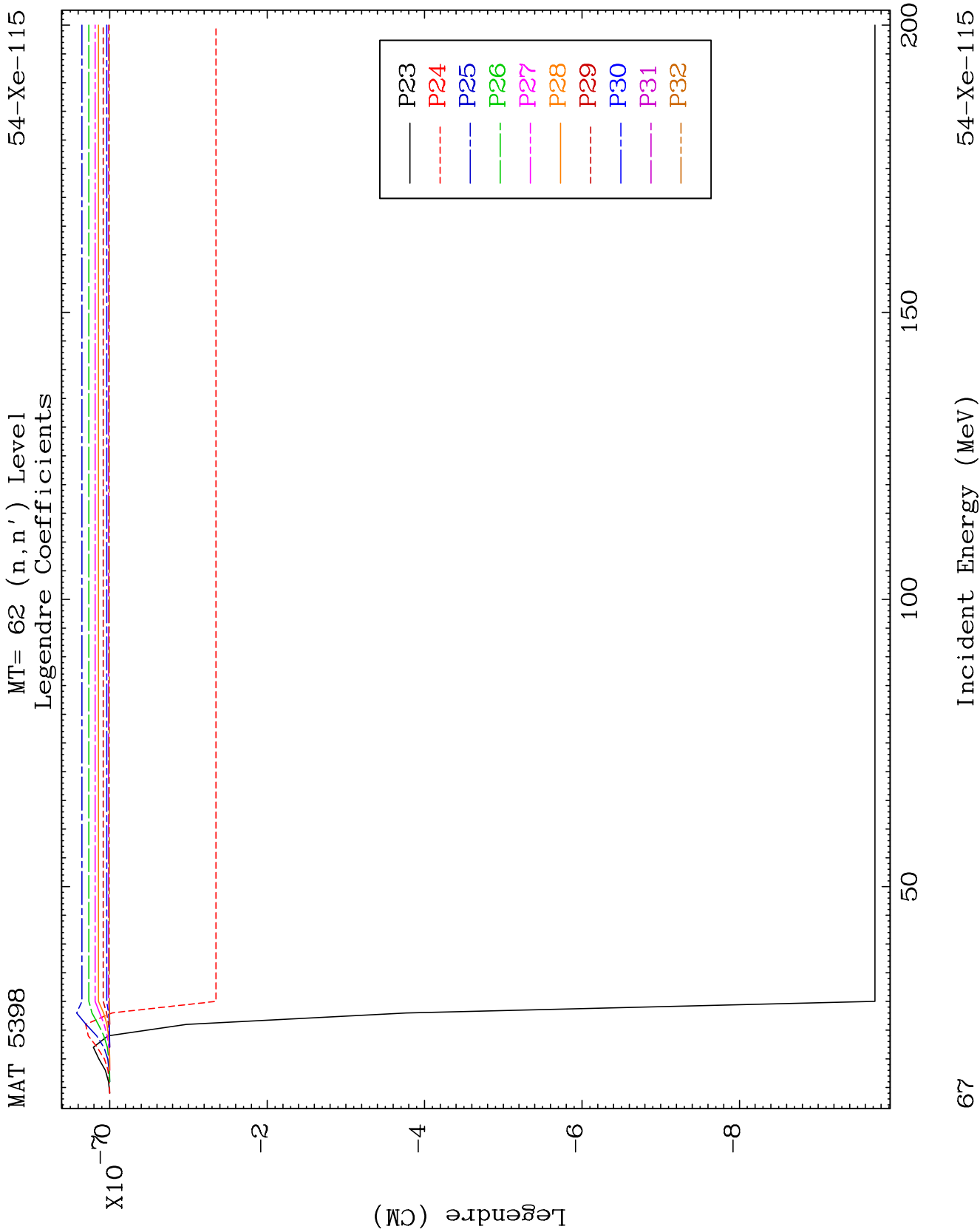
54-Xe-115

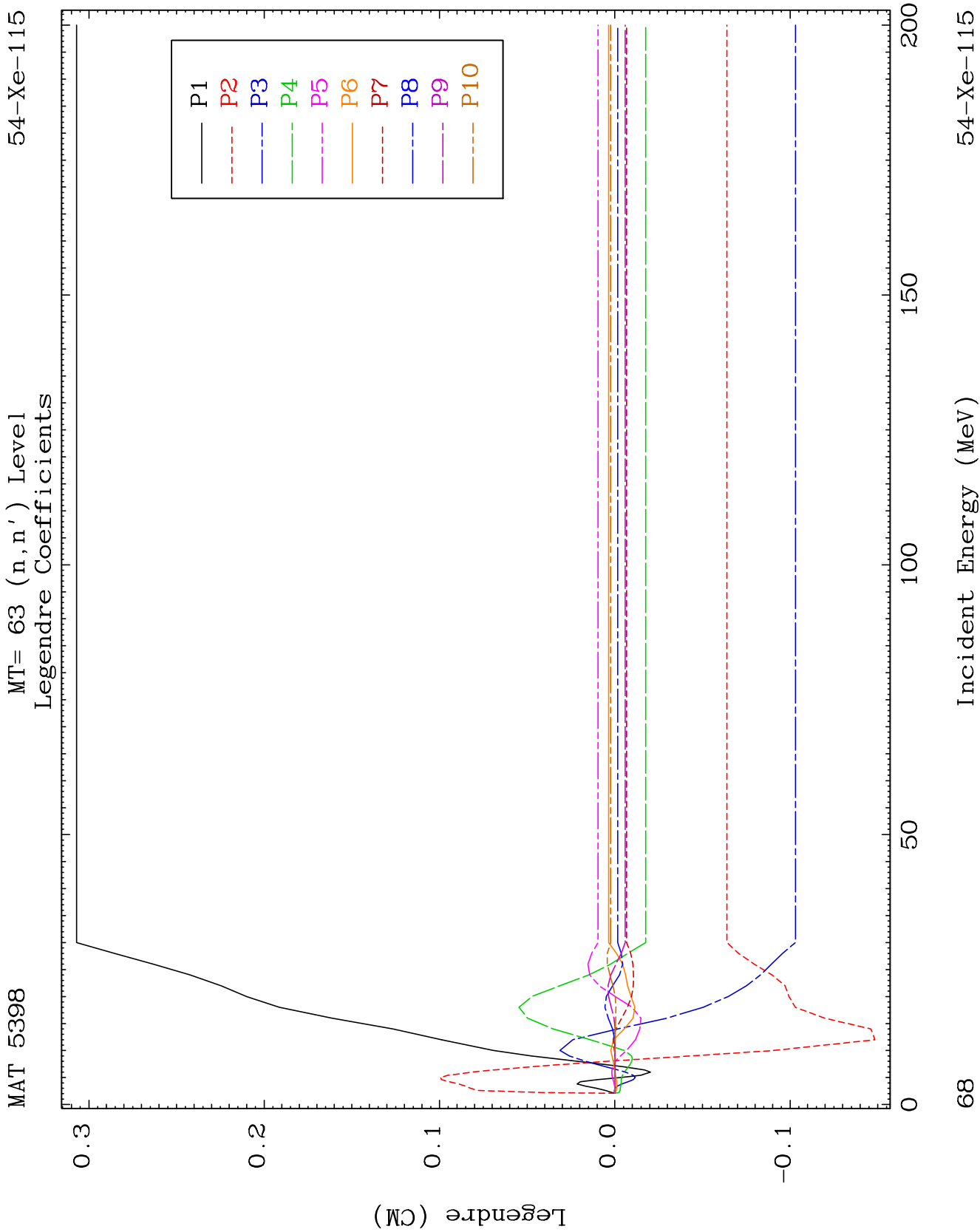


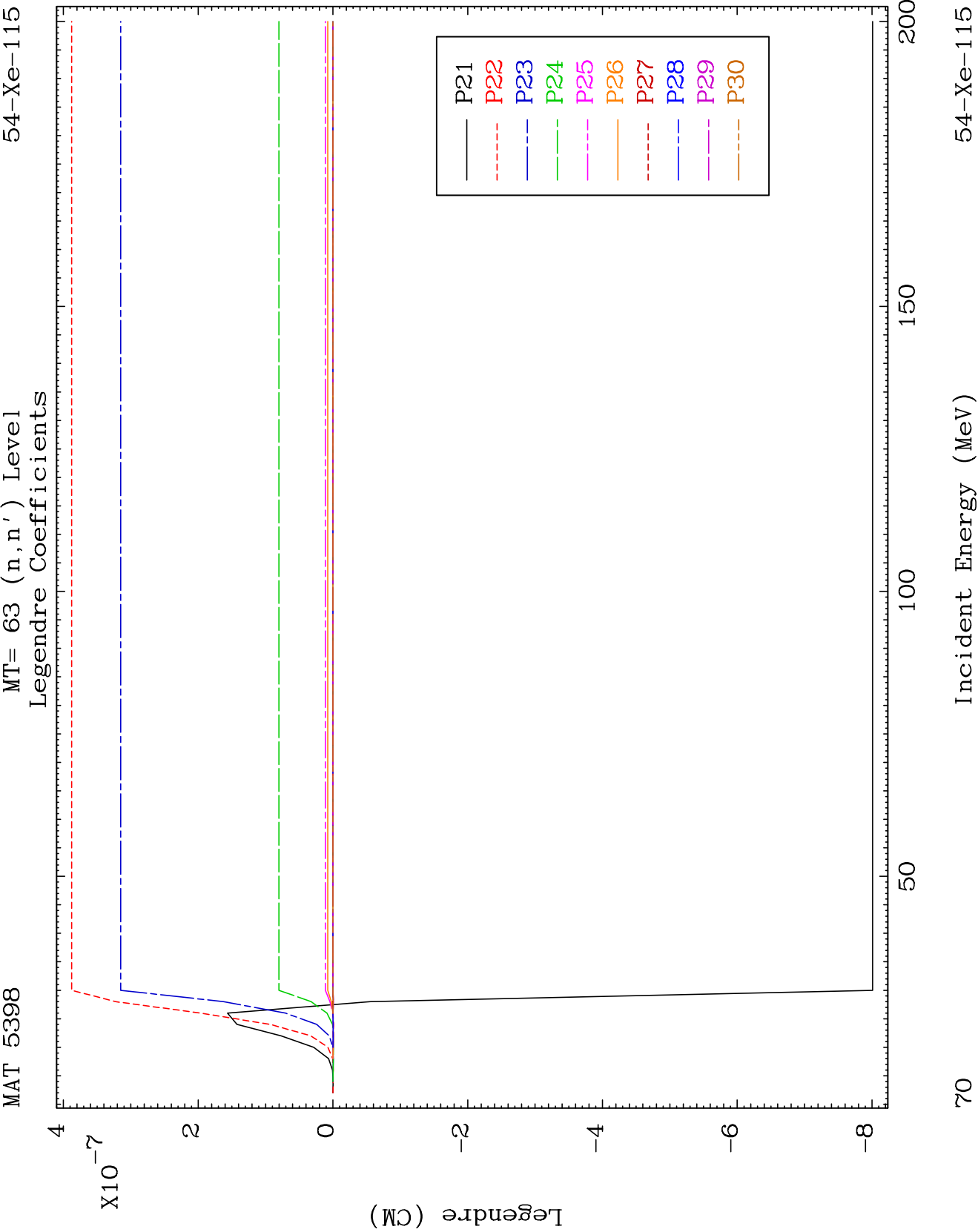
66

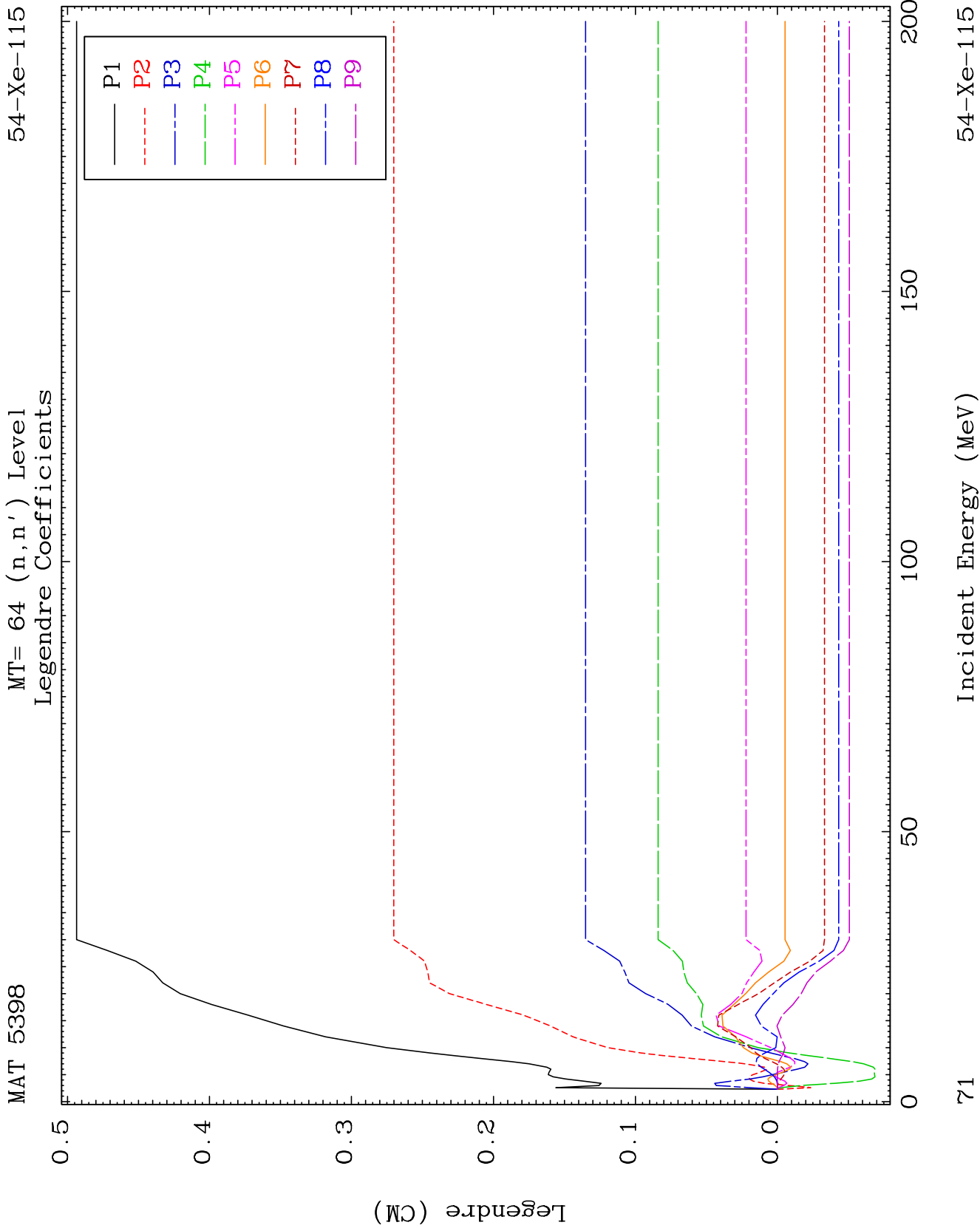
Incident Energy (MeV)

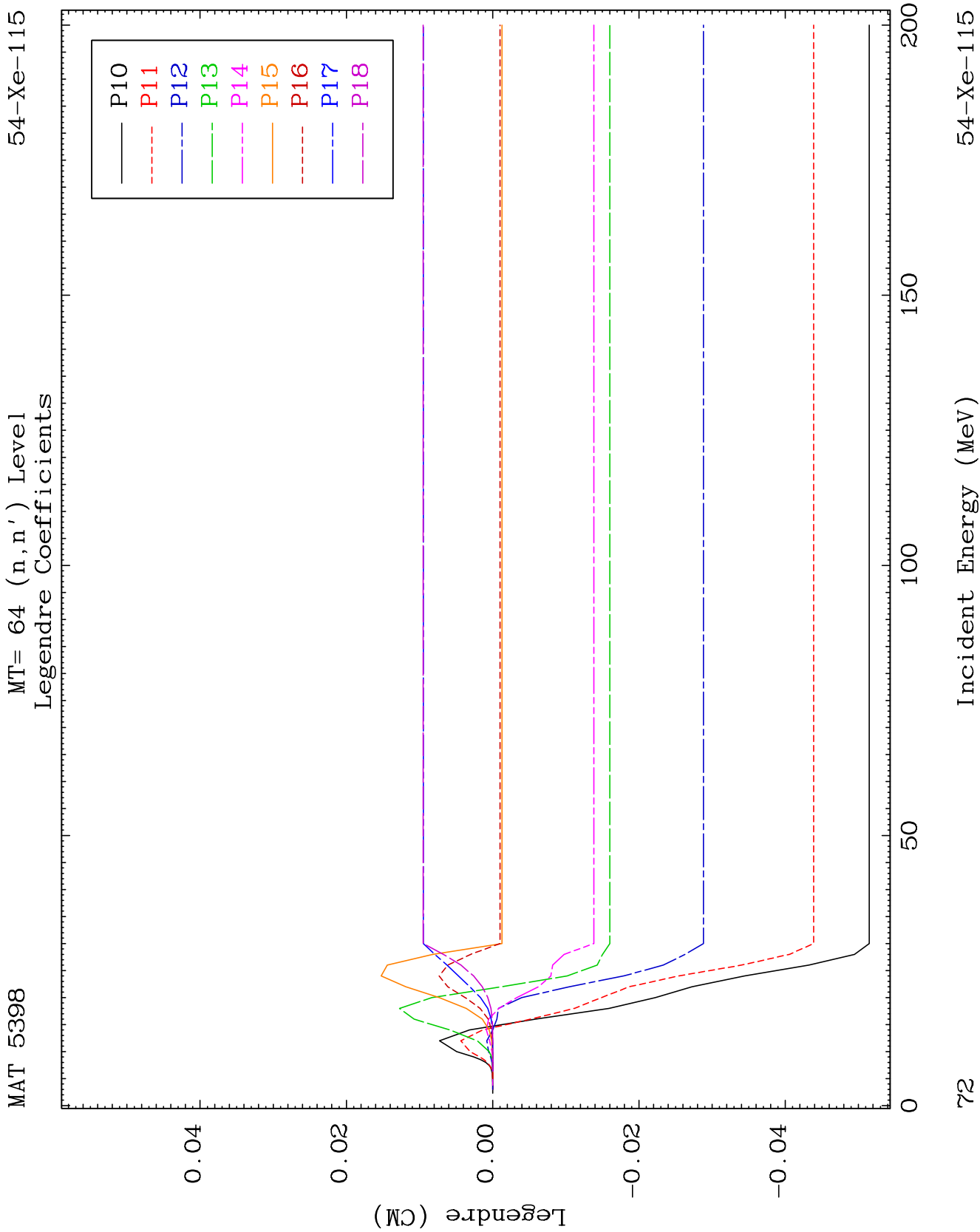
54-Xe-115

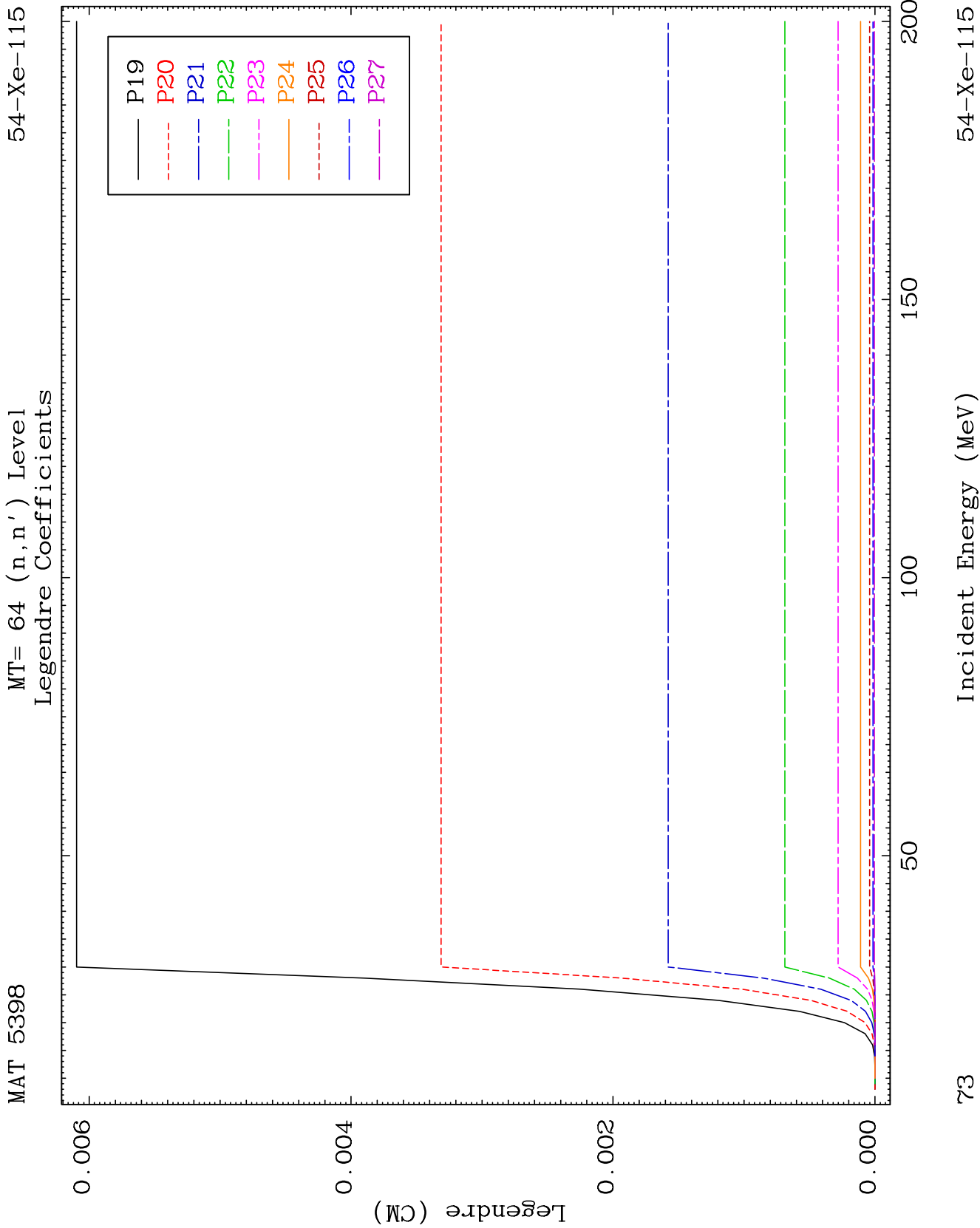


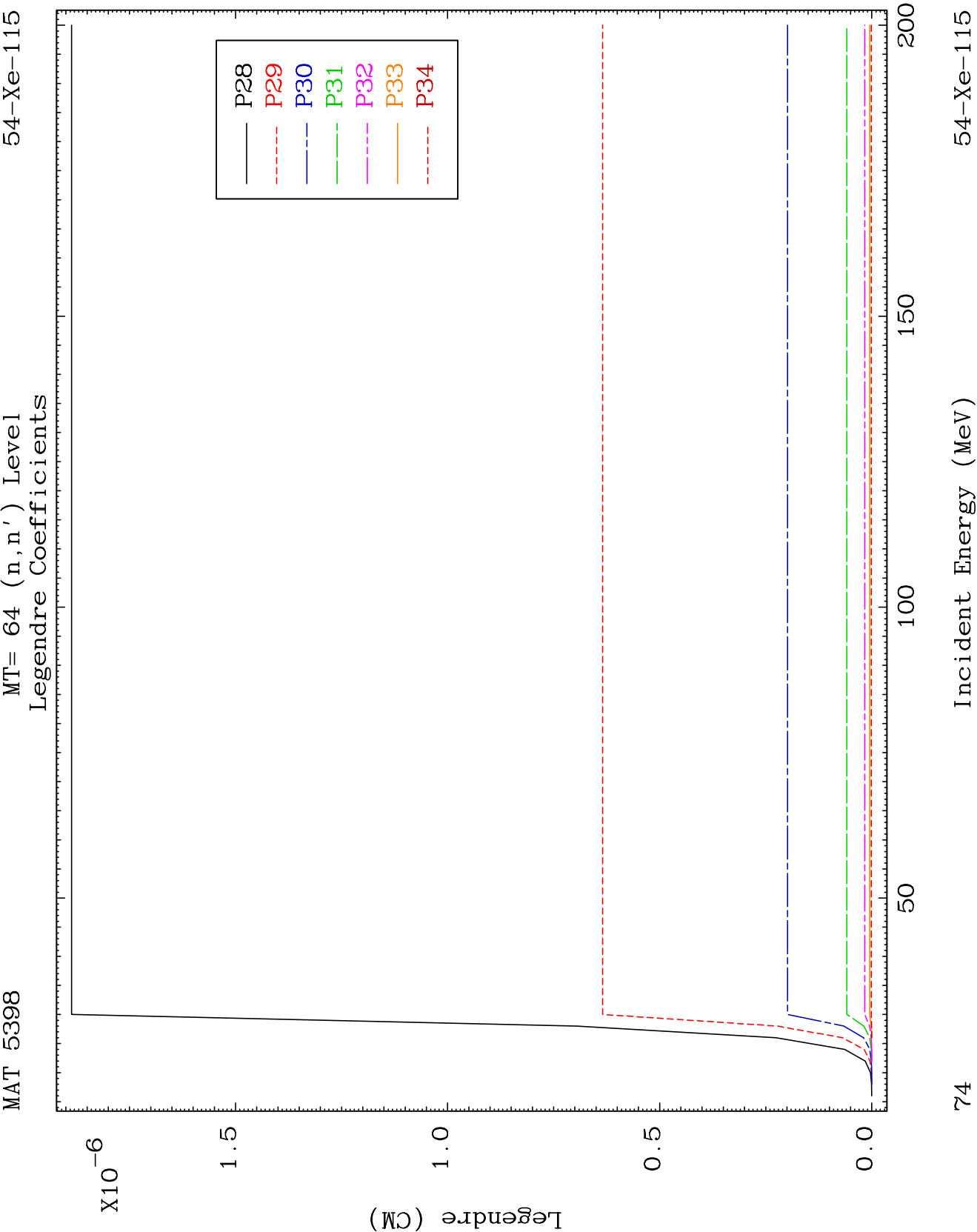










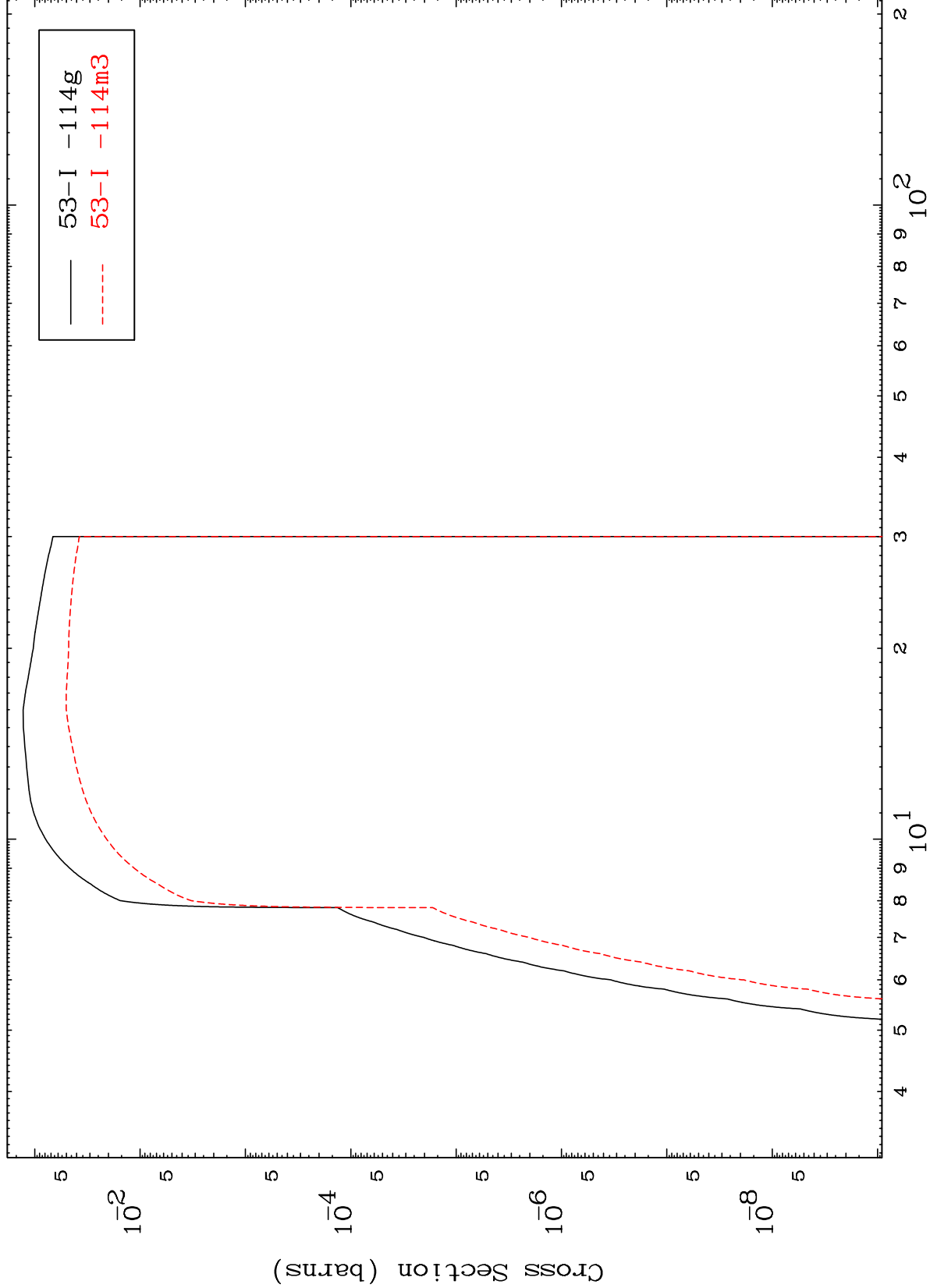


MAT 5398

(n,n') p

54-Xe-115

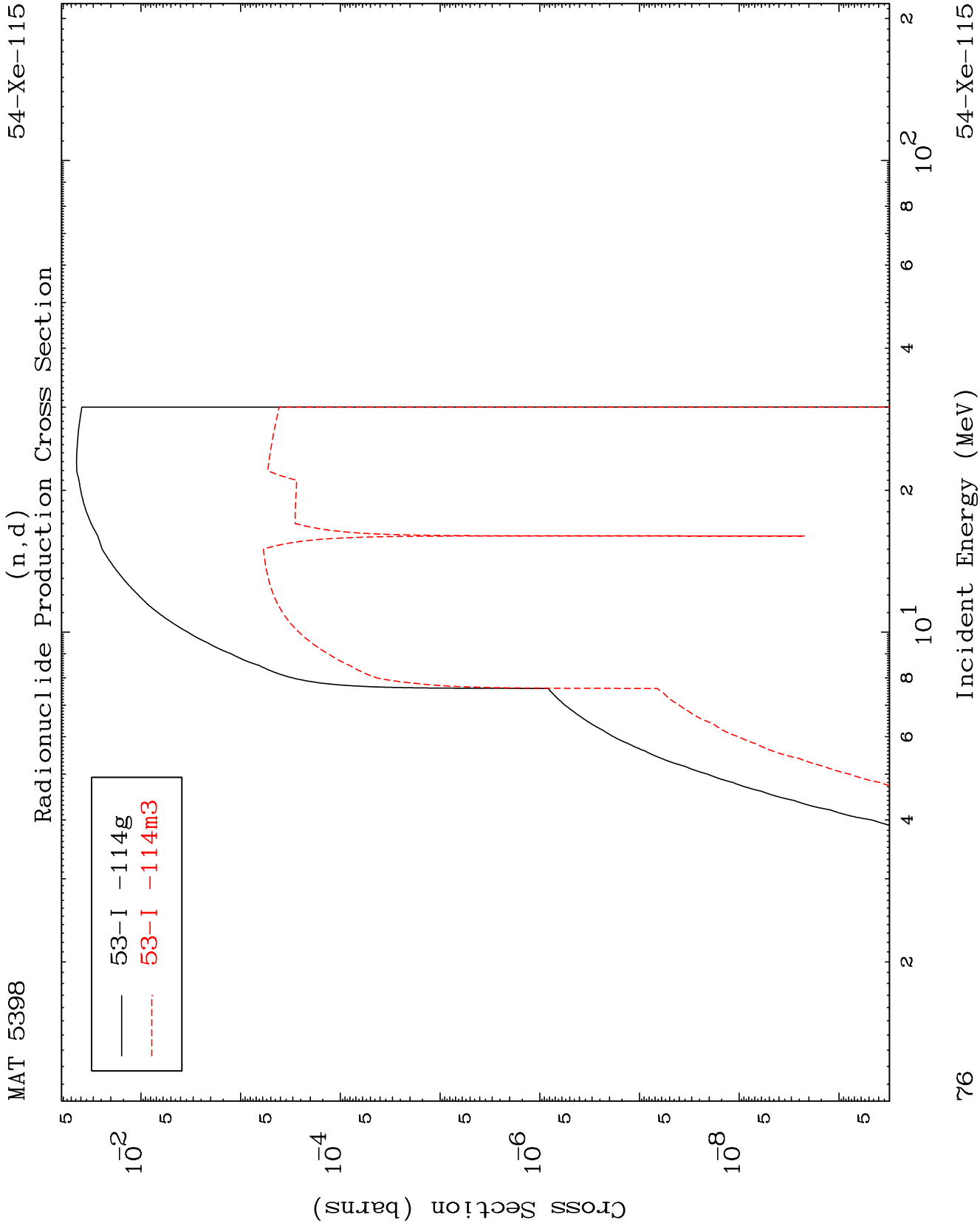
Radionuclide Production Cross Section



75

Incident Energy (MeV)

54-Xe-115

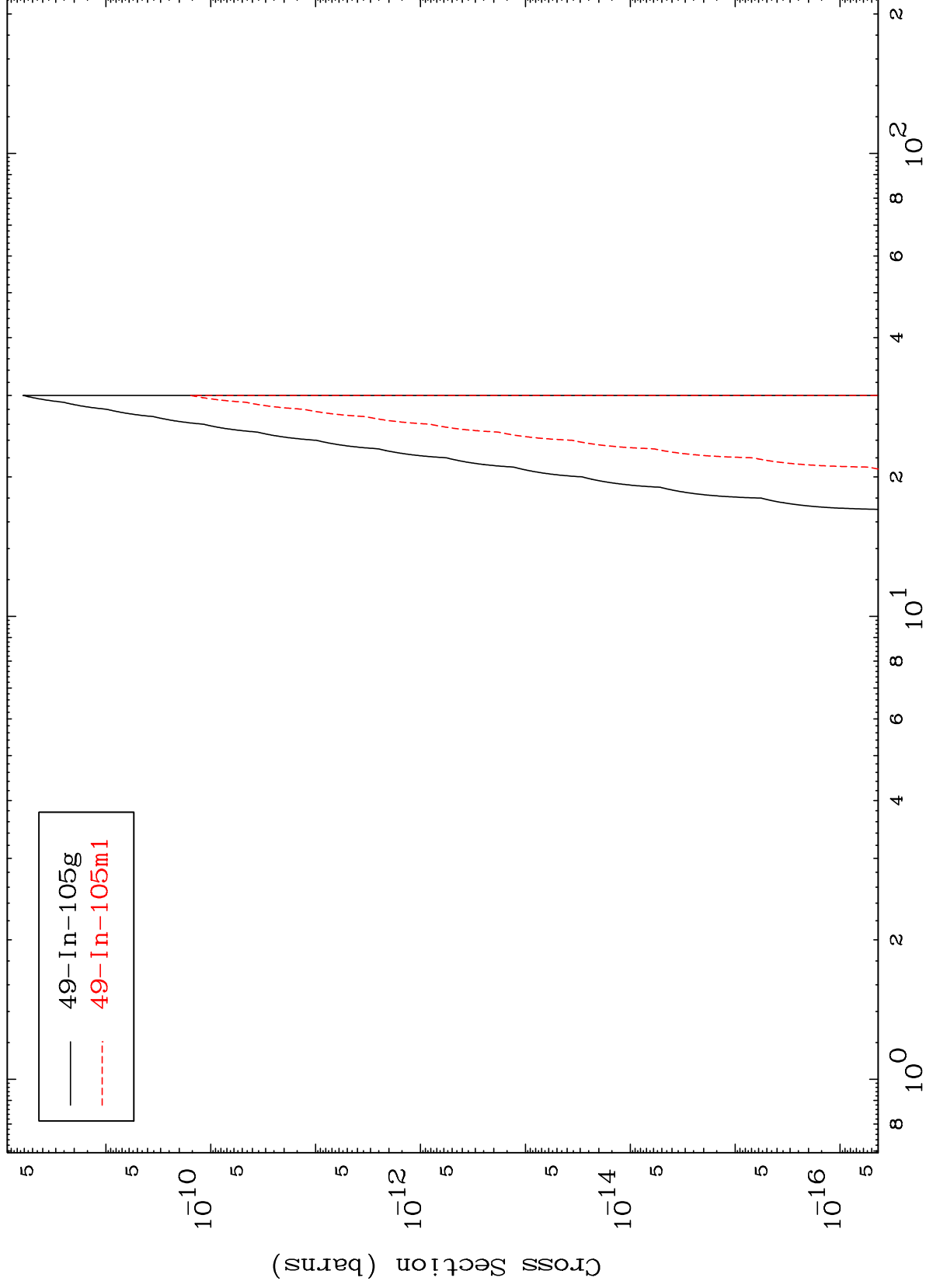


MAT 5398

(n,t) 2 α

54-Xe-115

Radionuclide Production Cross Section



77

Incident Energy (MeV)

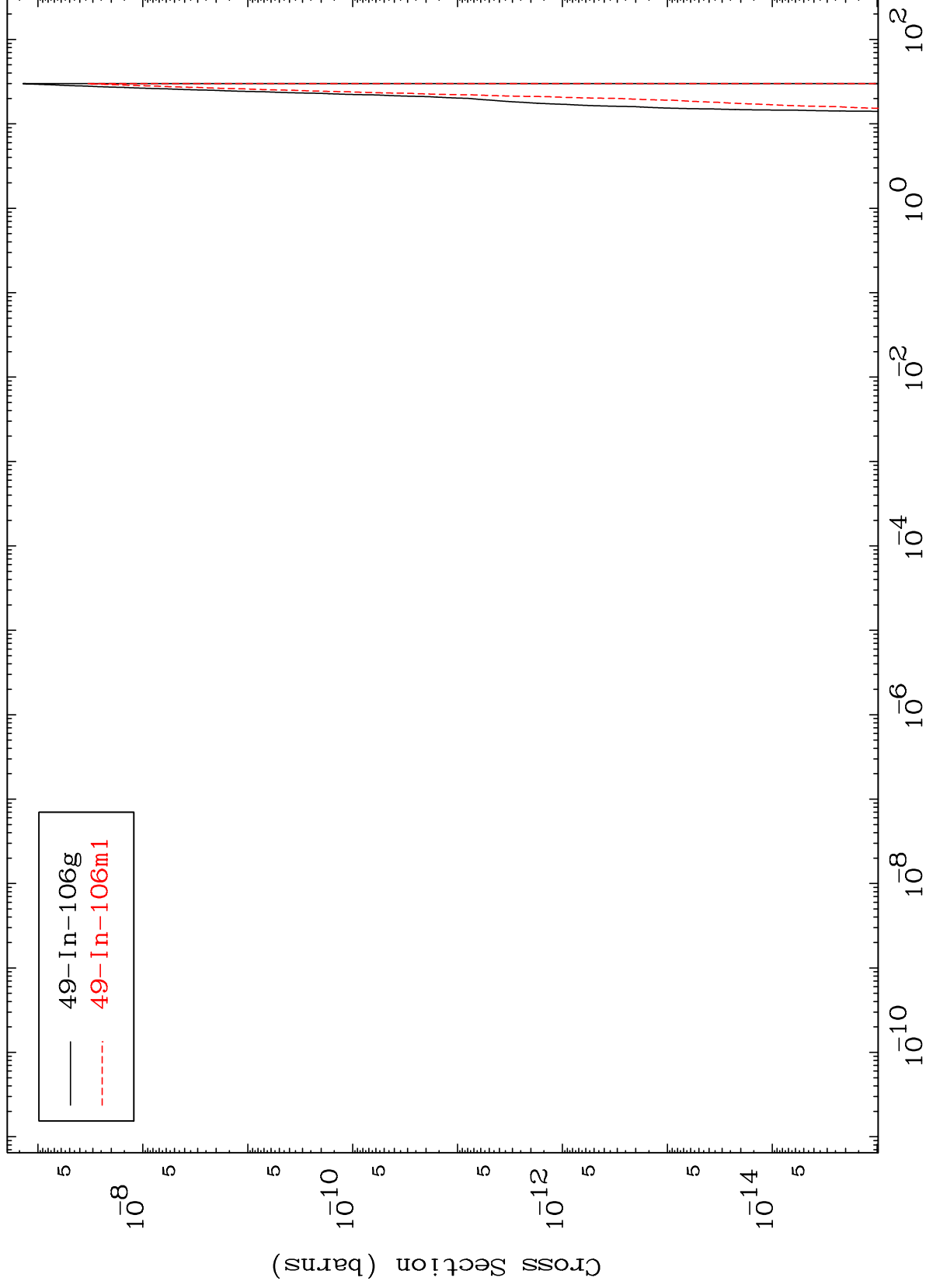
54-Xe-115

MAT 5398

(n,d) 2 α

54-Xe-115

Radionuclide Production Cross Section



78

Incident Energy (MeV)

54-Xe-115