

Program EVALPLOT
(Version 2015-2)

by

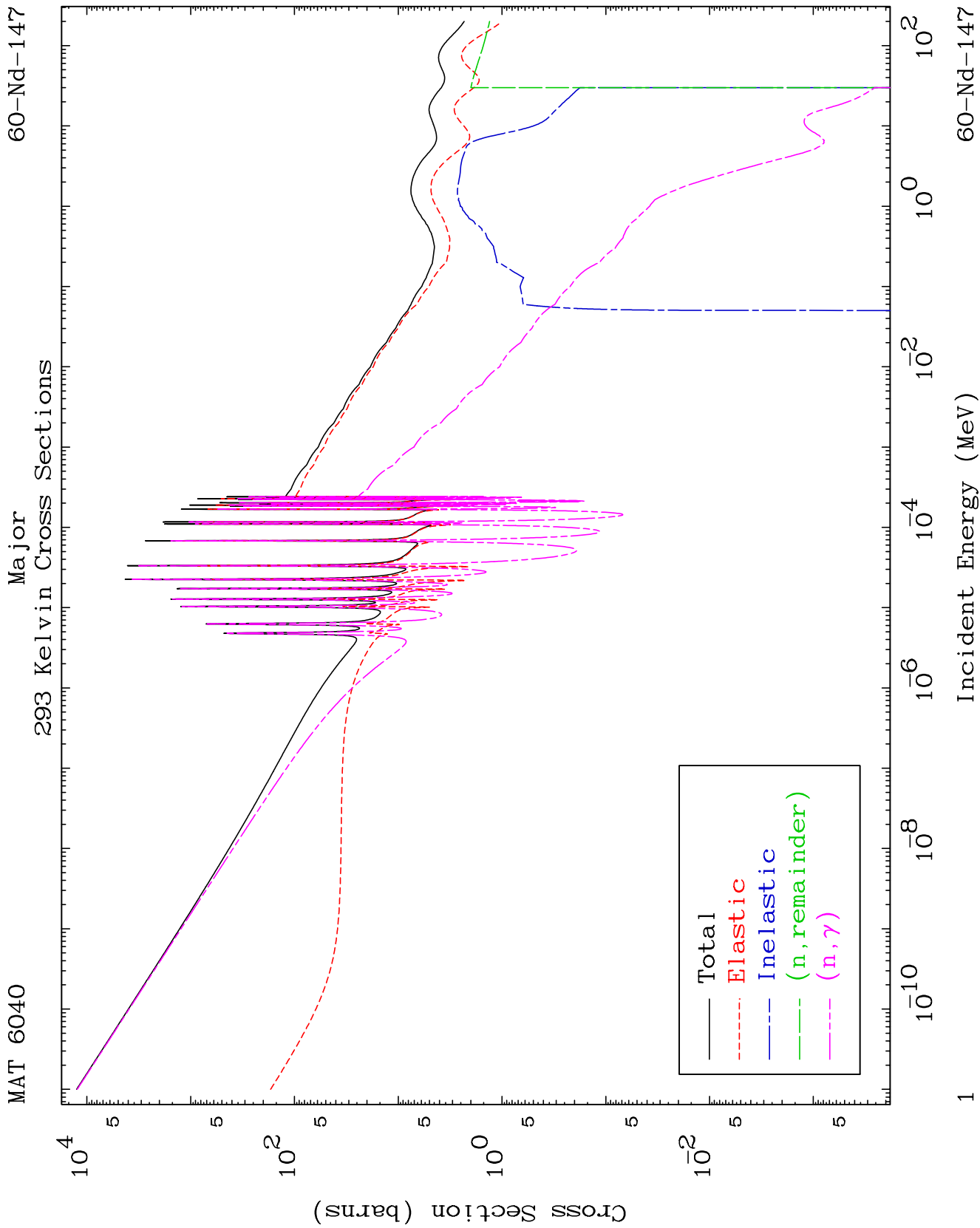
Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

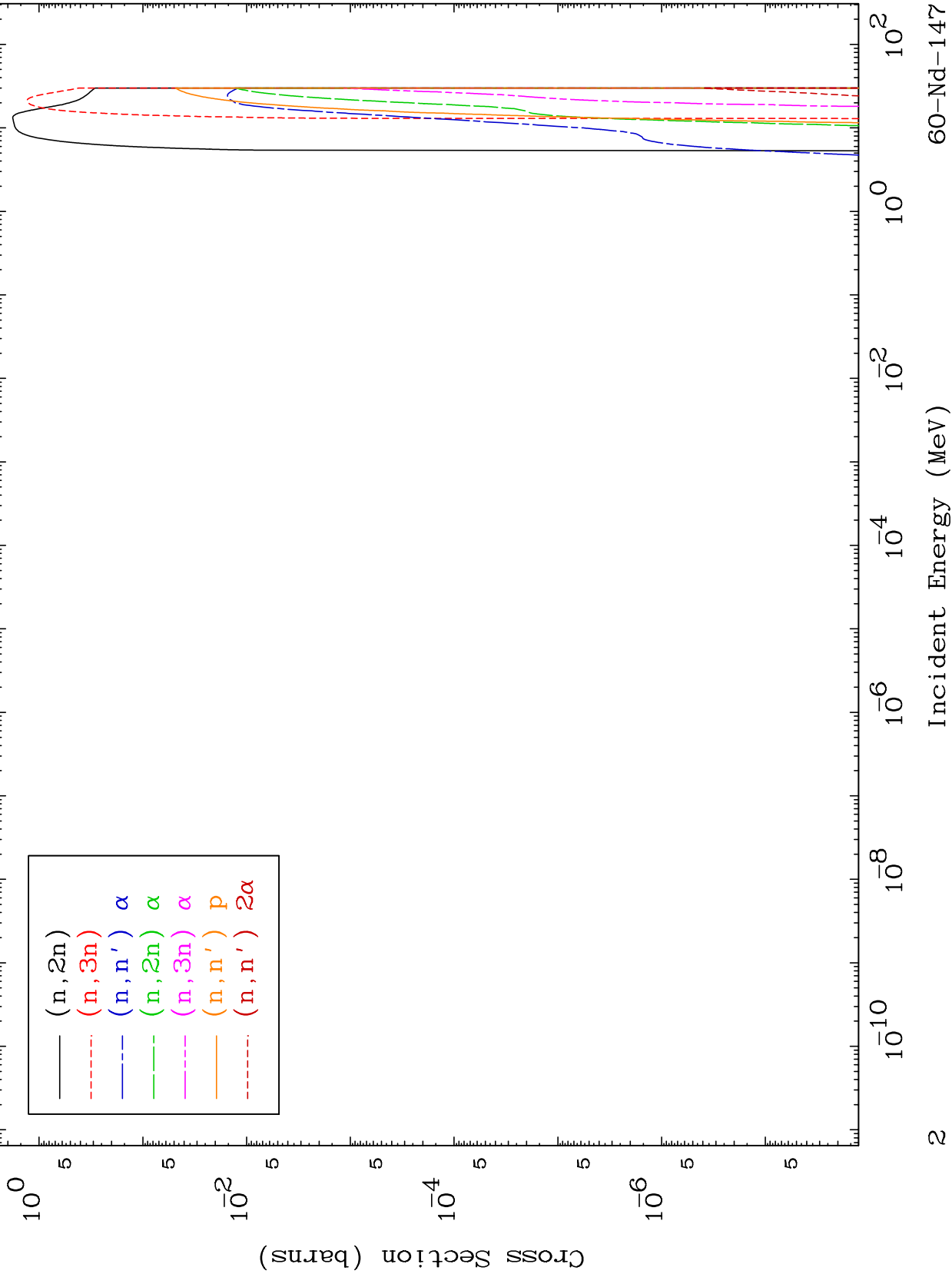
Press Mouse Button to Start

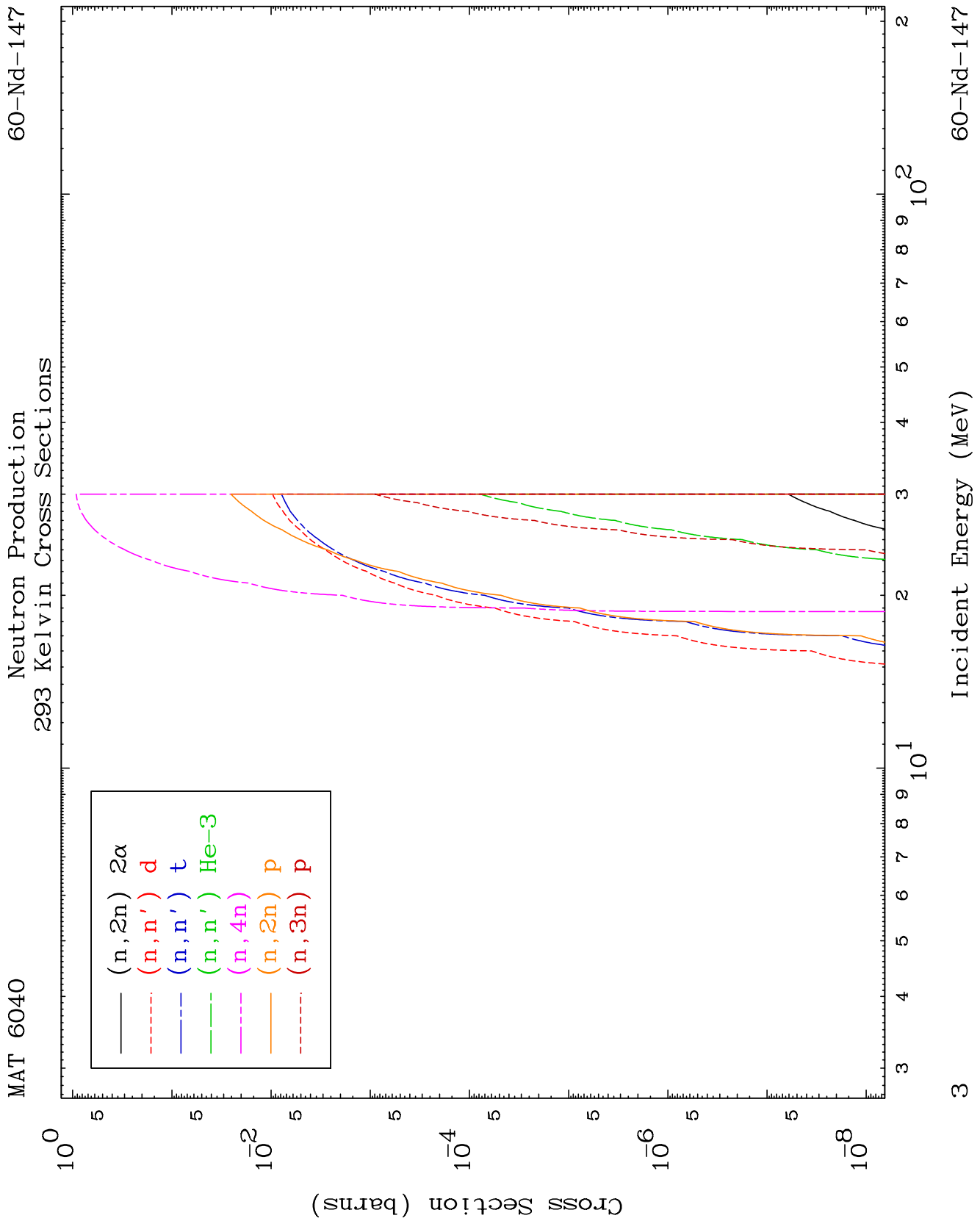


MAT 6040

Neutron Production
293 Kelvin Cross Sections

60-Nd-147

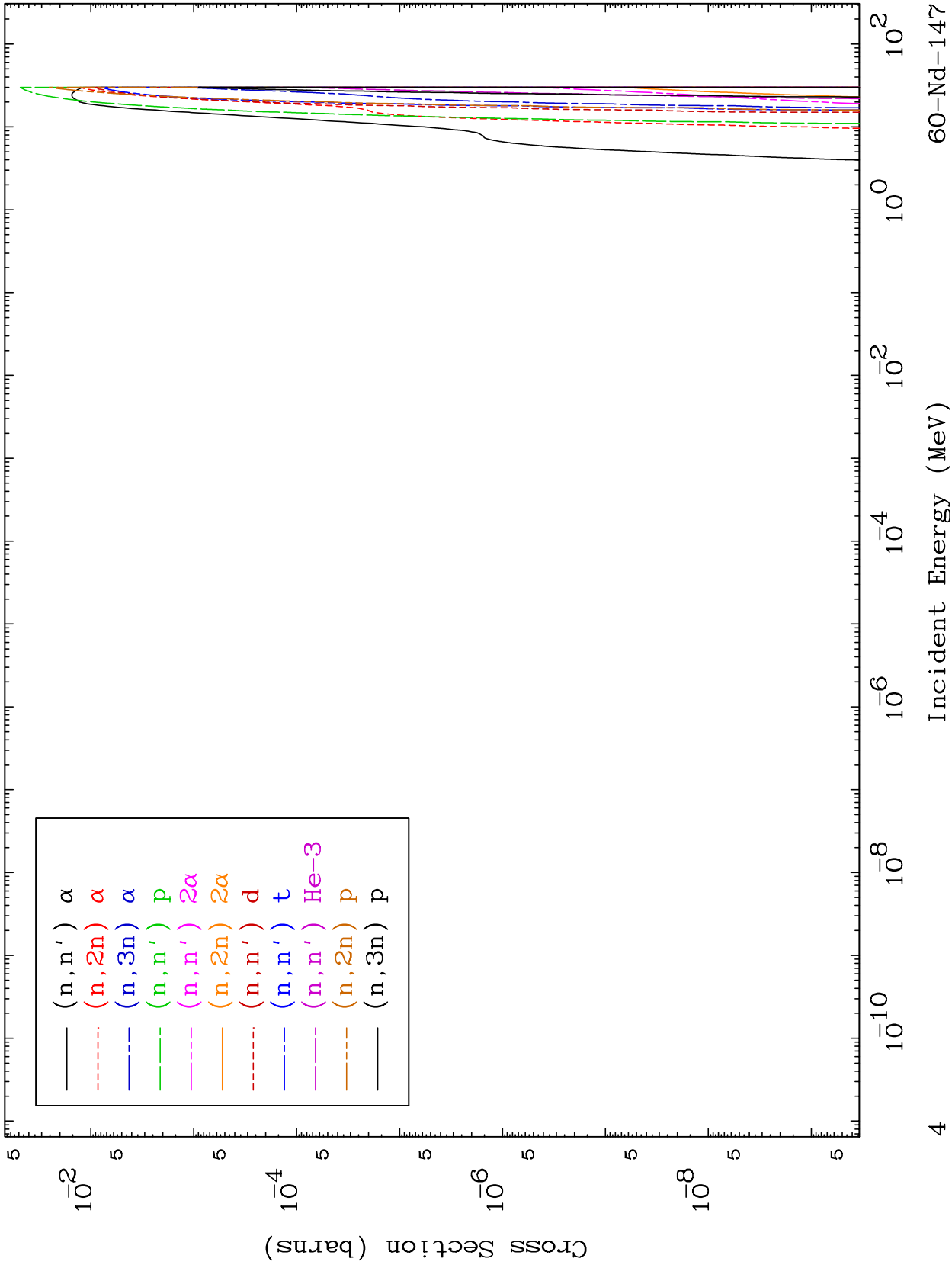




MAT 6040

Charged Particle
293 Kelvin Cross Sections

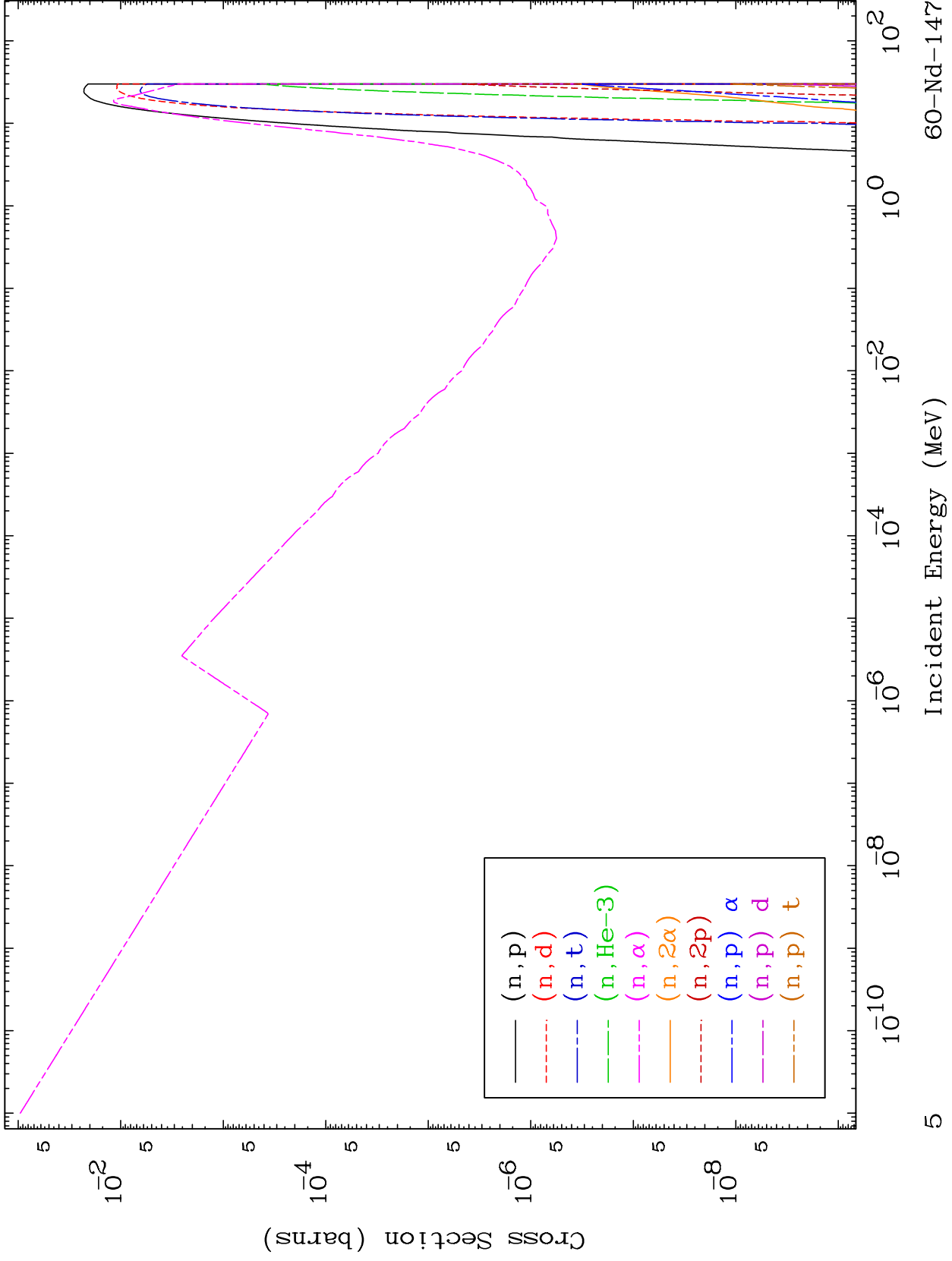
60-Nd-147



MAT 6040

Charged Particle
293 Kelvin Cross Sections

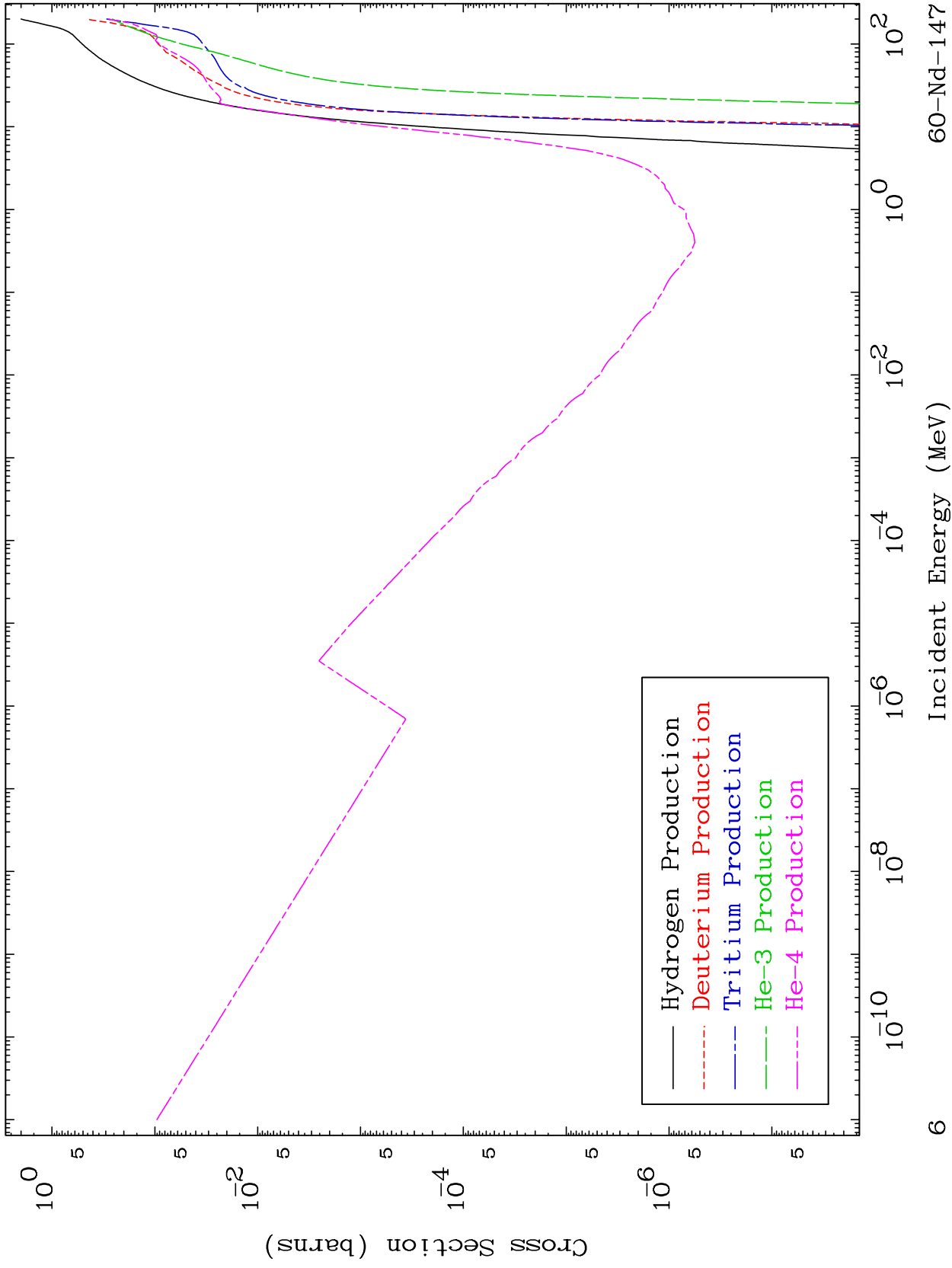
60-Nd-147



MAT 6040

Particle Production
293 Kelvin Cross Sections

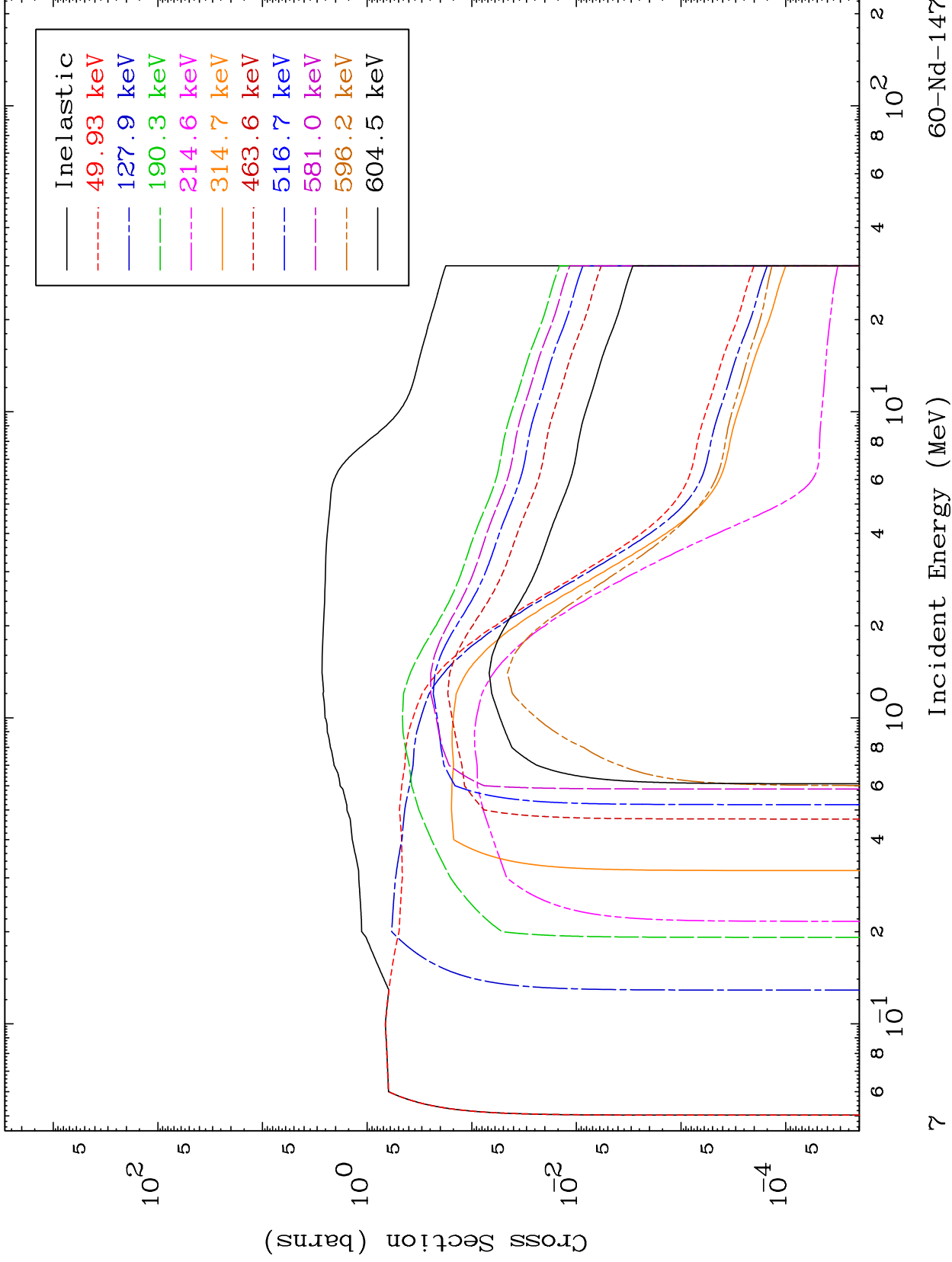
60-Nd-147



MAT 6040

(n,n') Level
293 Kelvin Cross Sections

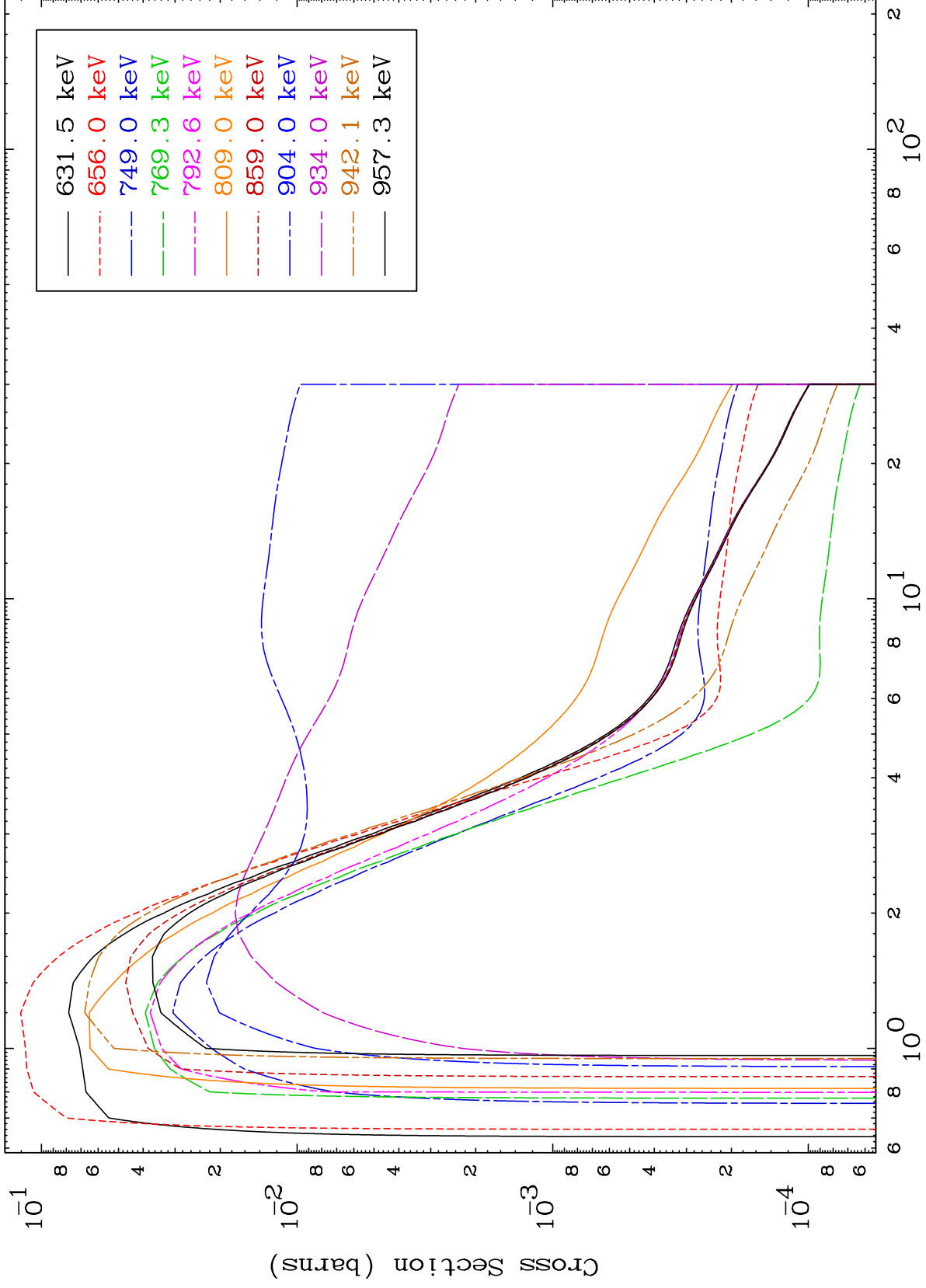
60-Nd-147



MAT 6040

(n,n') Level
293 Kelvin Cross Sections

60-Nd-147



8

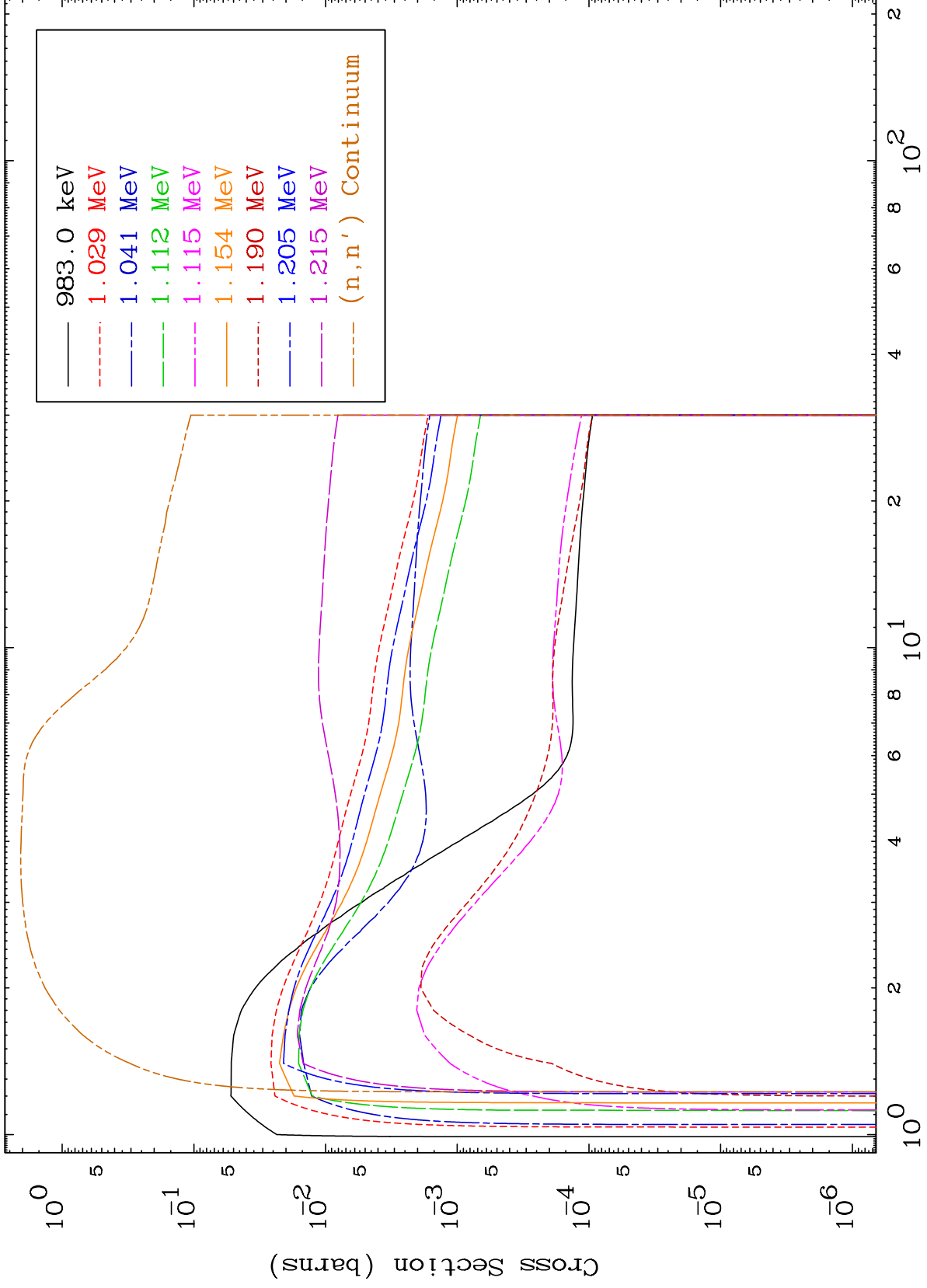
Incident Energy (MeV)

60-Nd-147

MAT 6040

(n,n') Level
293 Kelvin Cross Sections

60-Nd-147



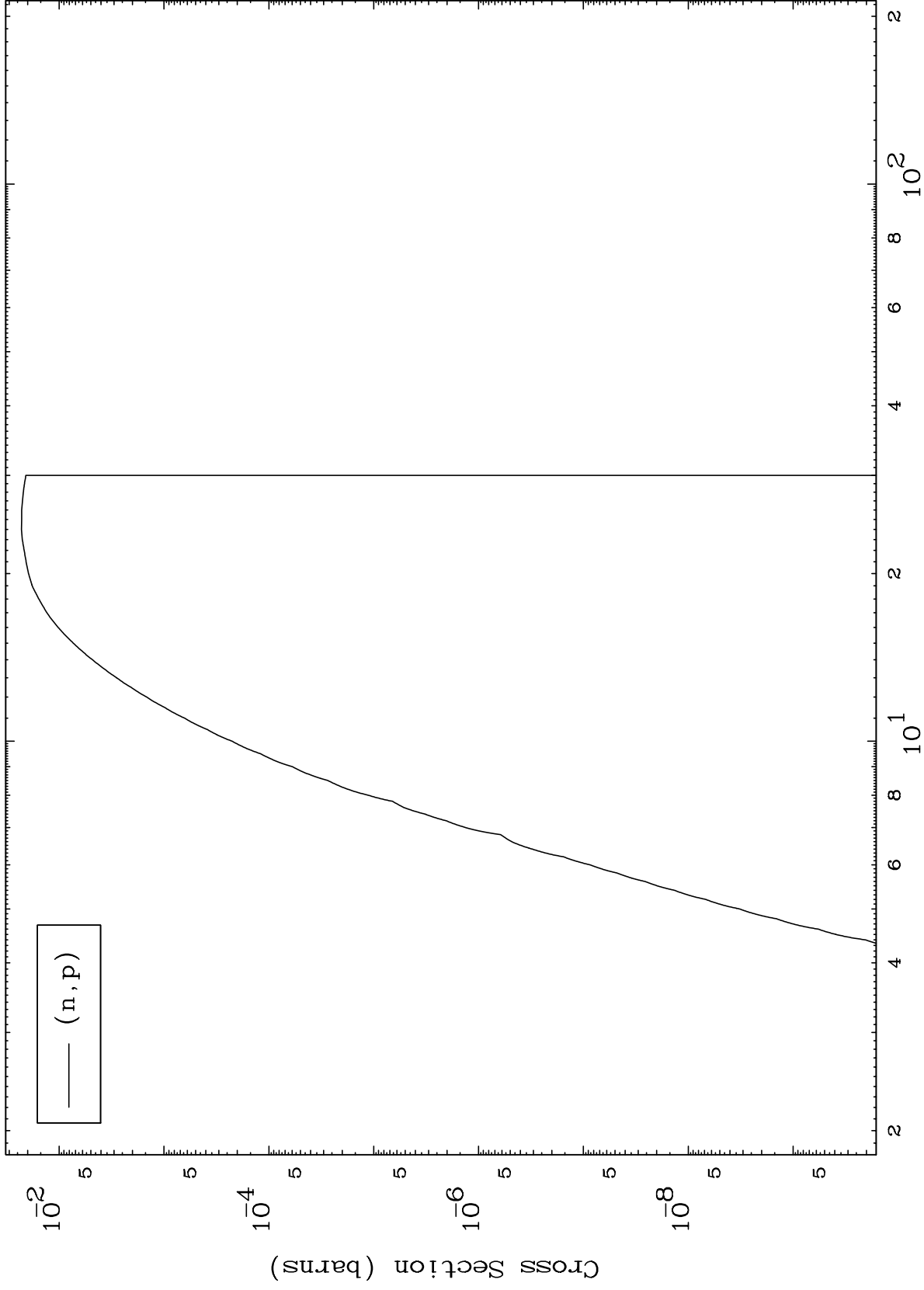
Incident Energy (MeV)

60-Nd-147

MAT 6040

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-147



10

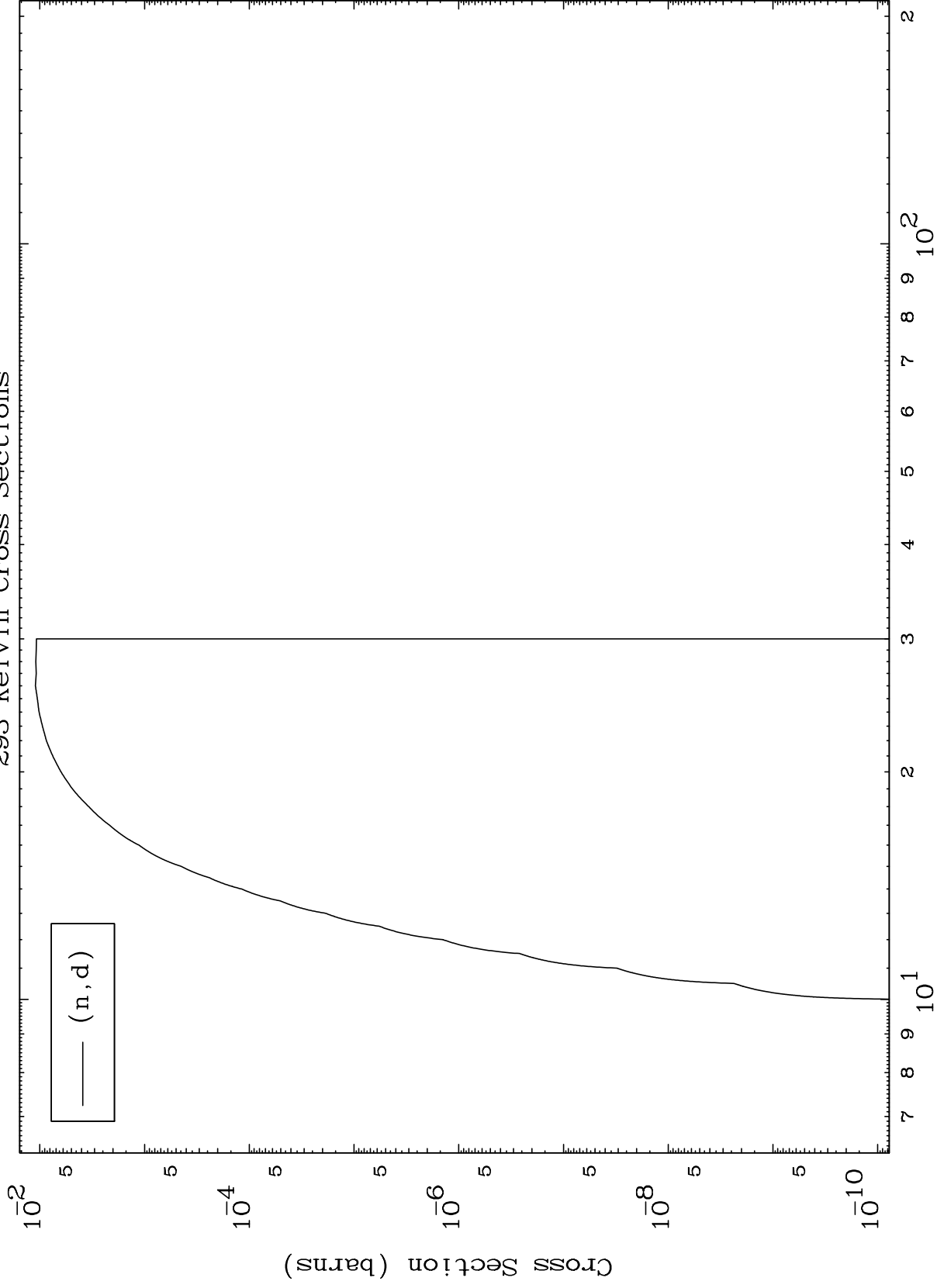
Incident Energy (MeV)

60-Nd-147

MAT 6040

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-147



11

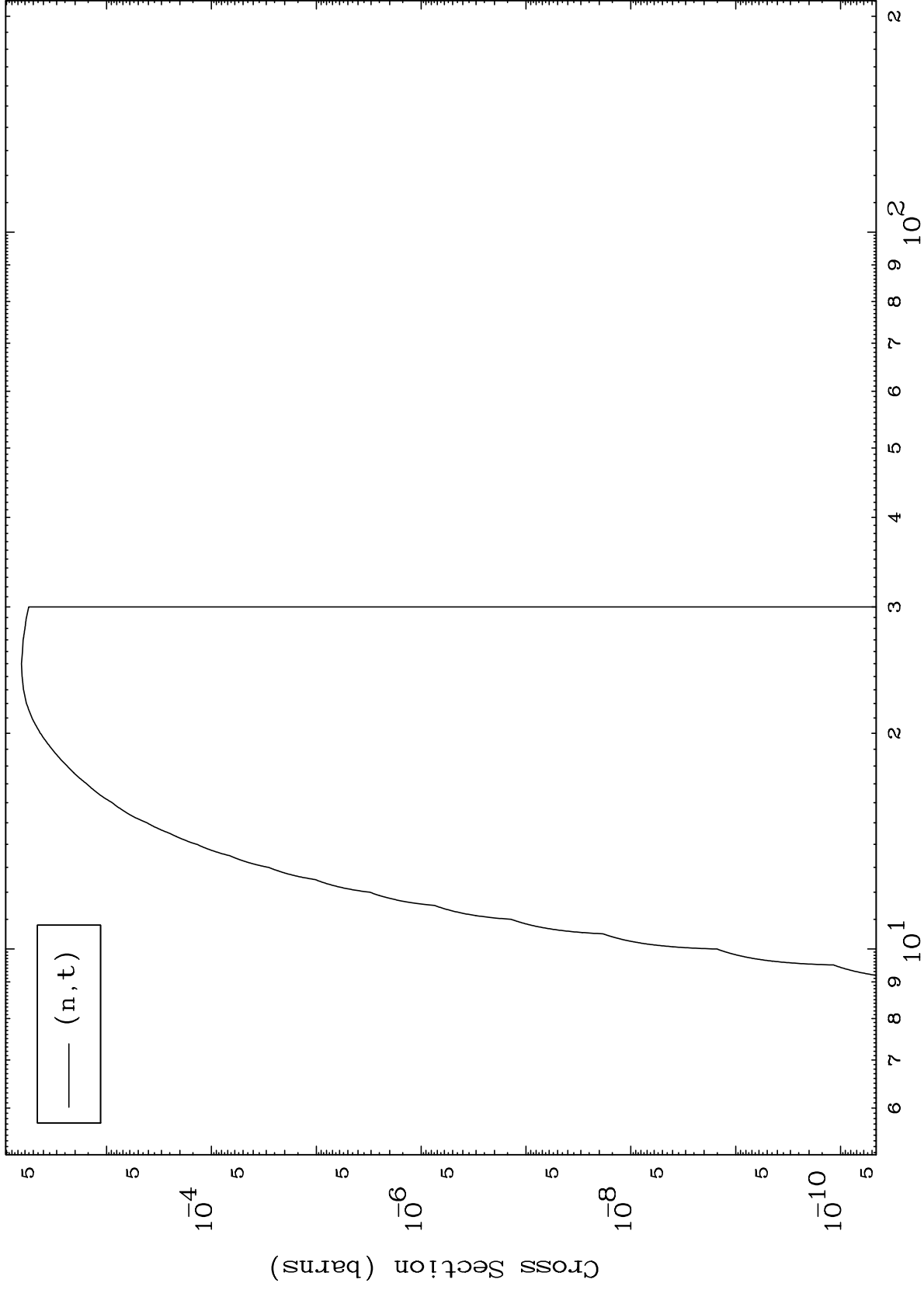
Incident Energy (MeV)

60-Nd-147

MAT 6040

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-147



12

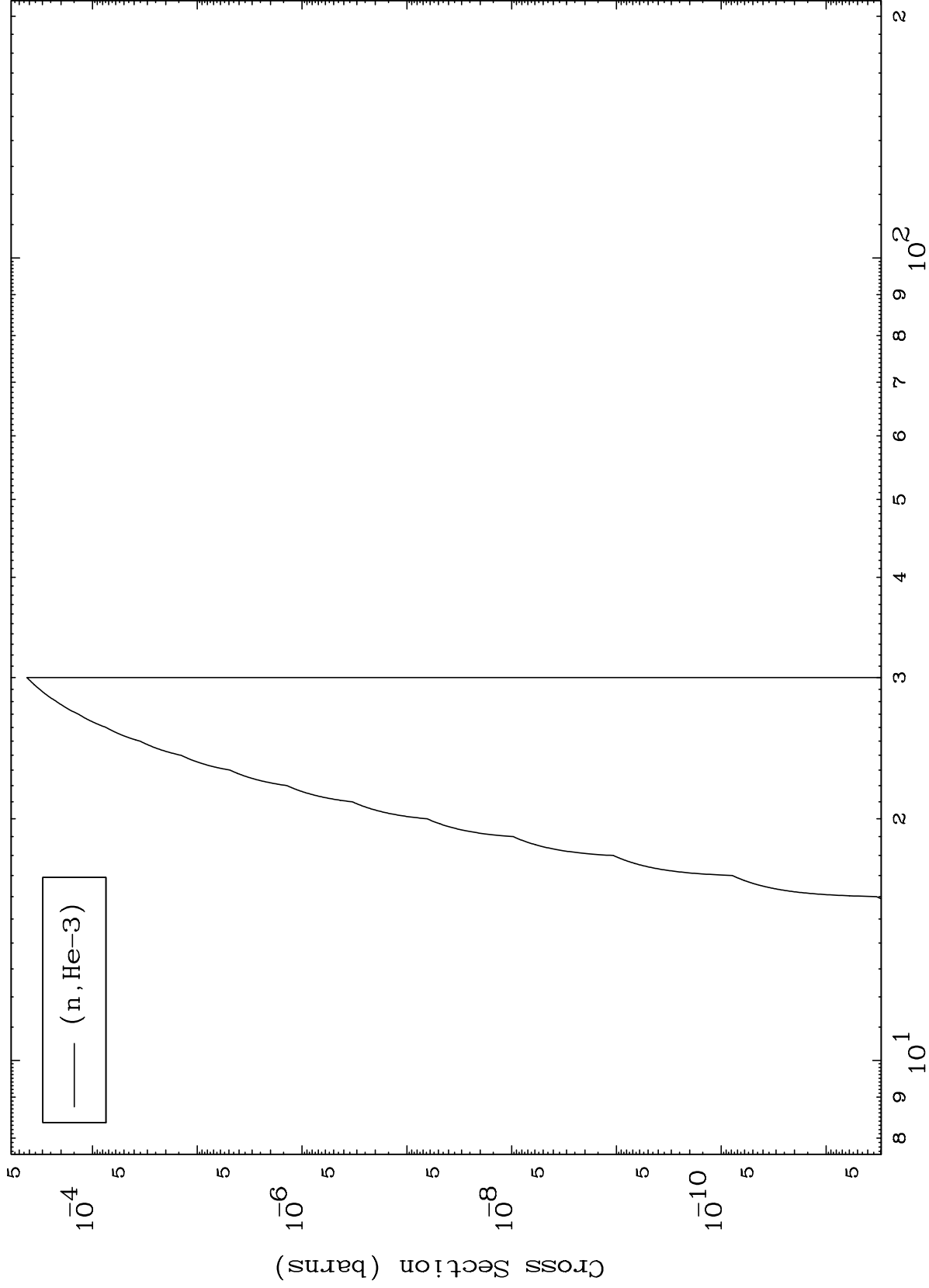
Incident Energy (MeV)

60-Nd-147

MAT 6040

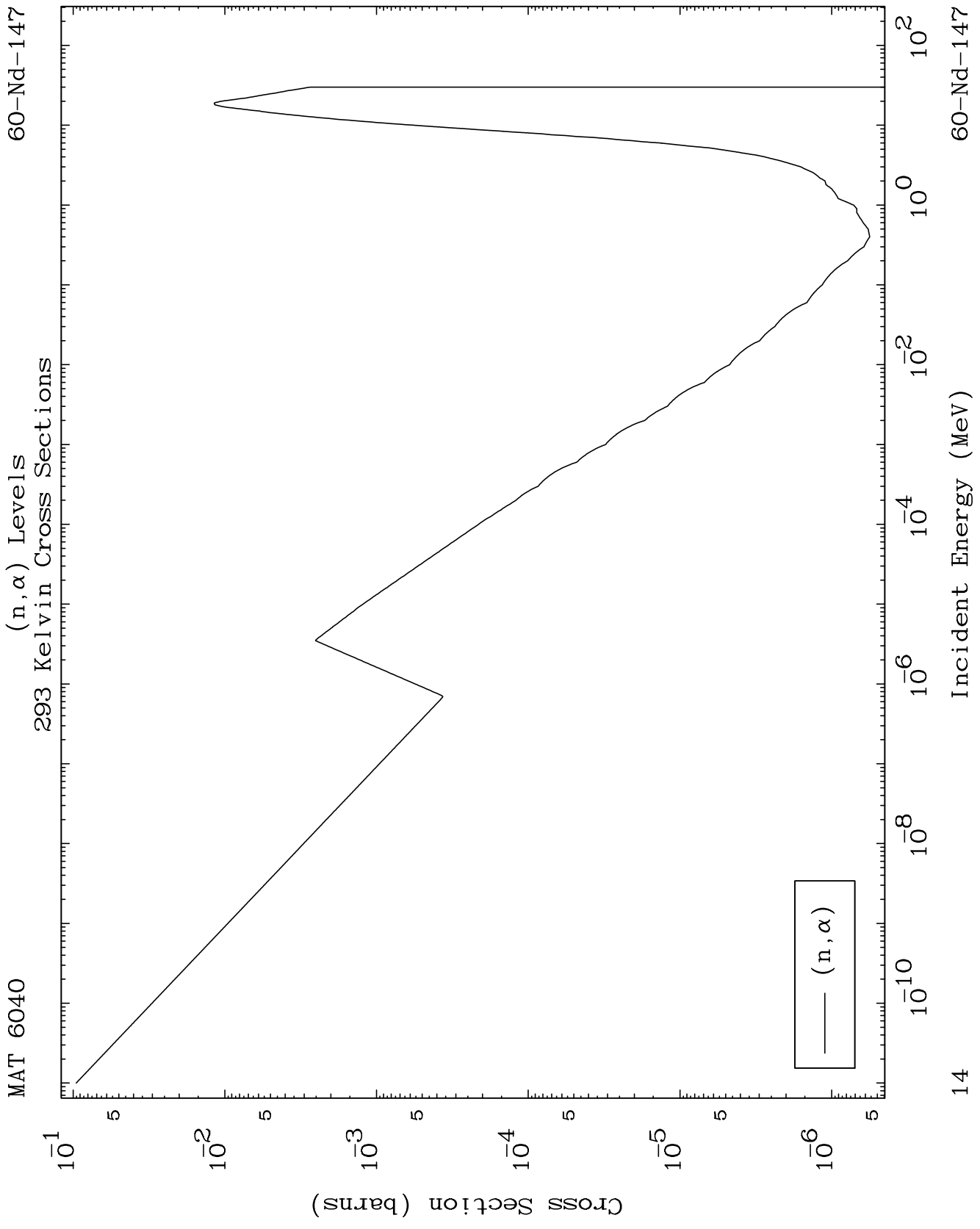
(n,He3) Levels
293 Kelvin Cross Sections

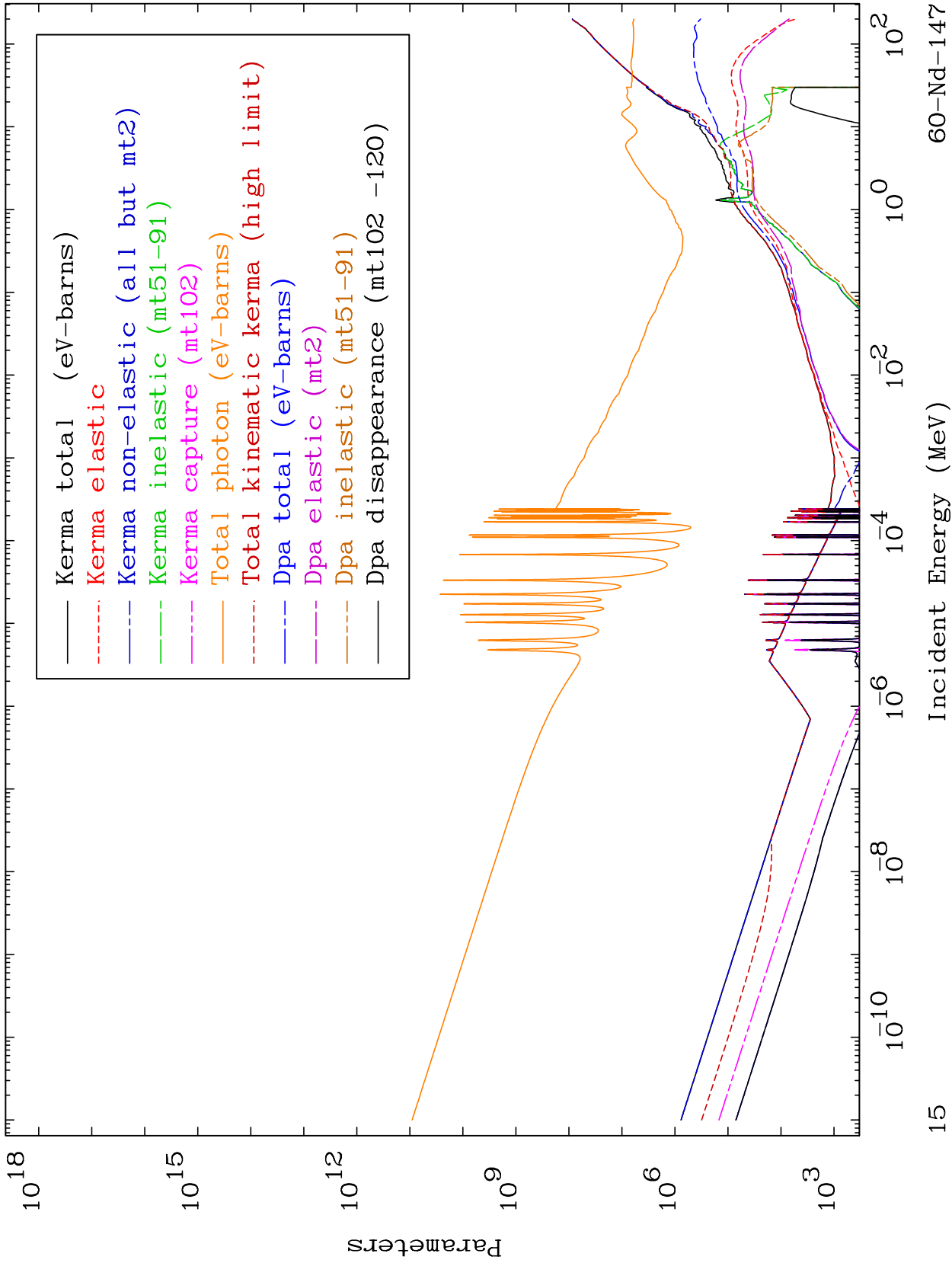
60-Nd-147

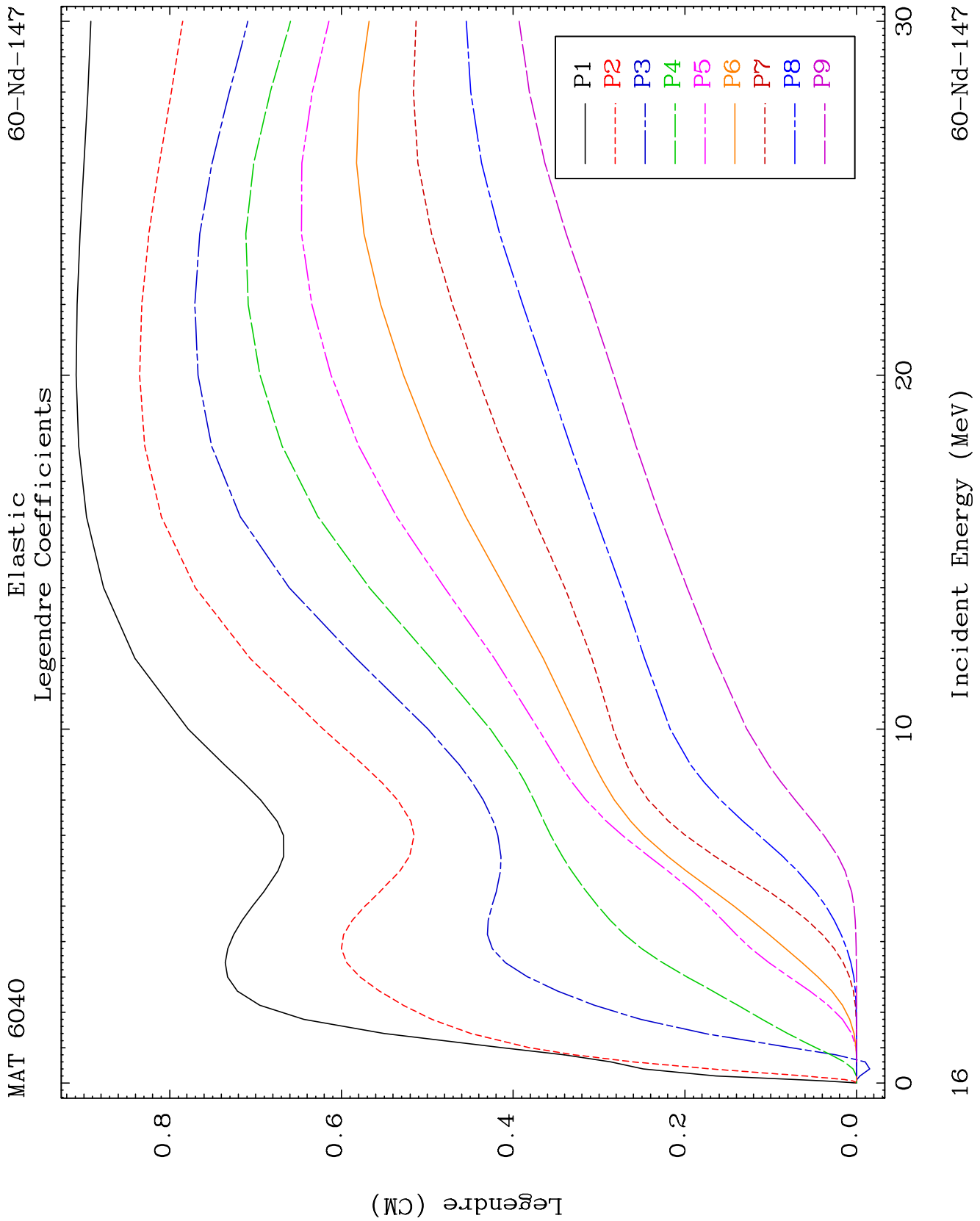


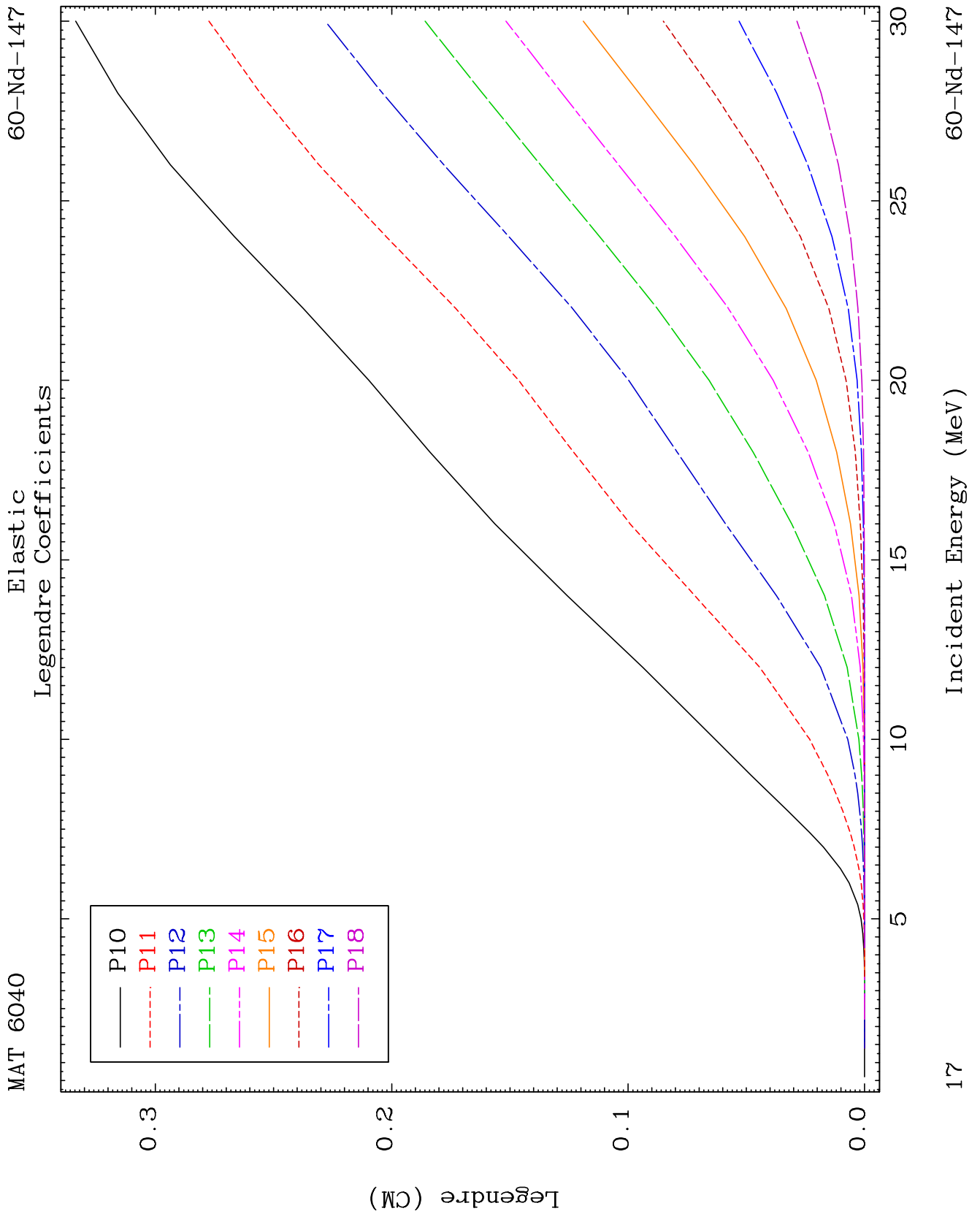
60-Nd-147

13





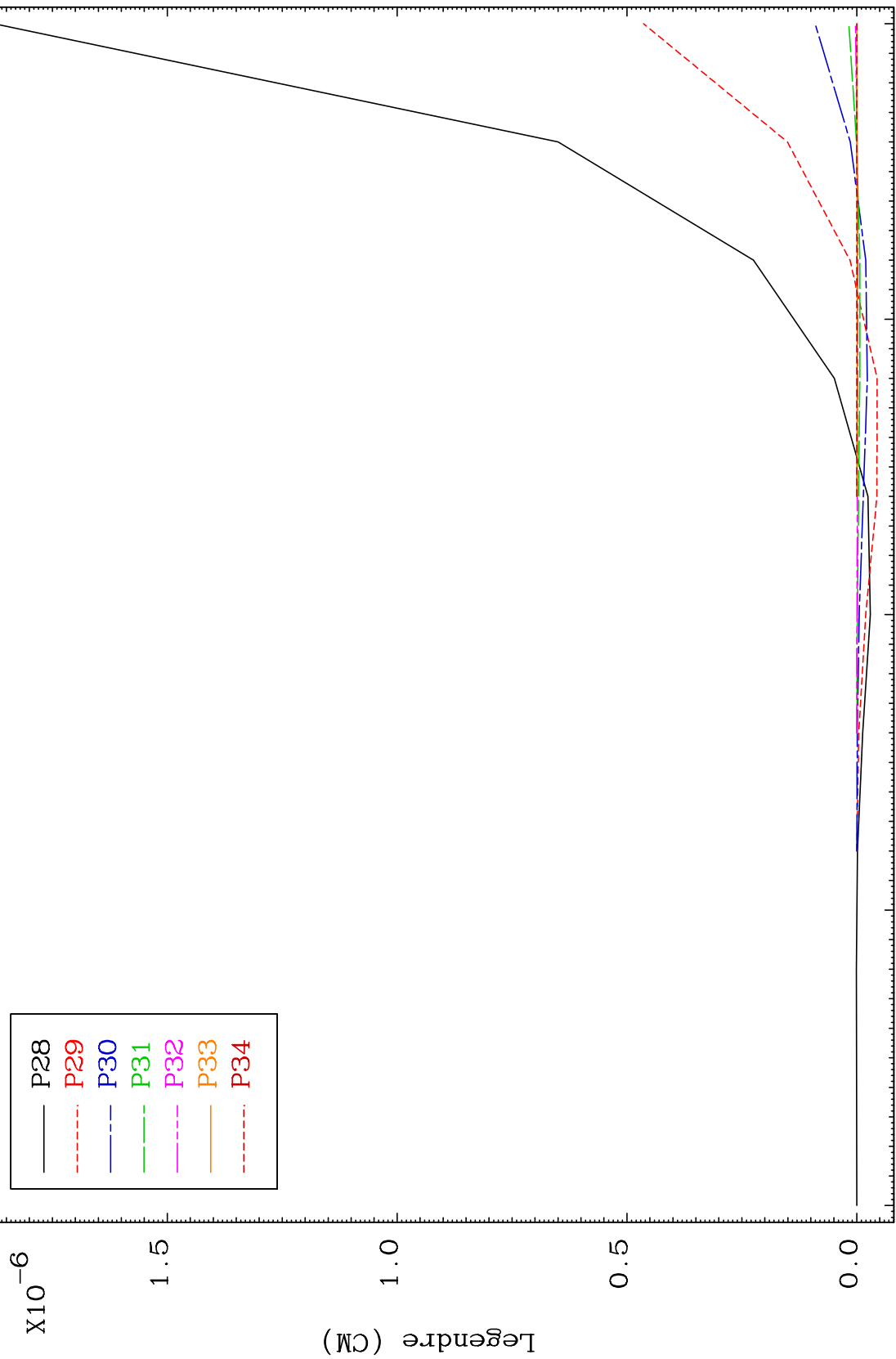
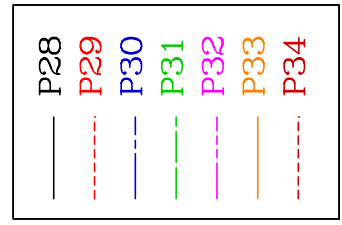




MAT 6040

Elastic
Legendre Coefficients

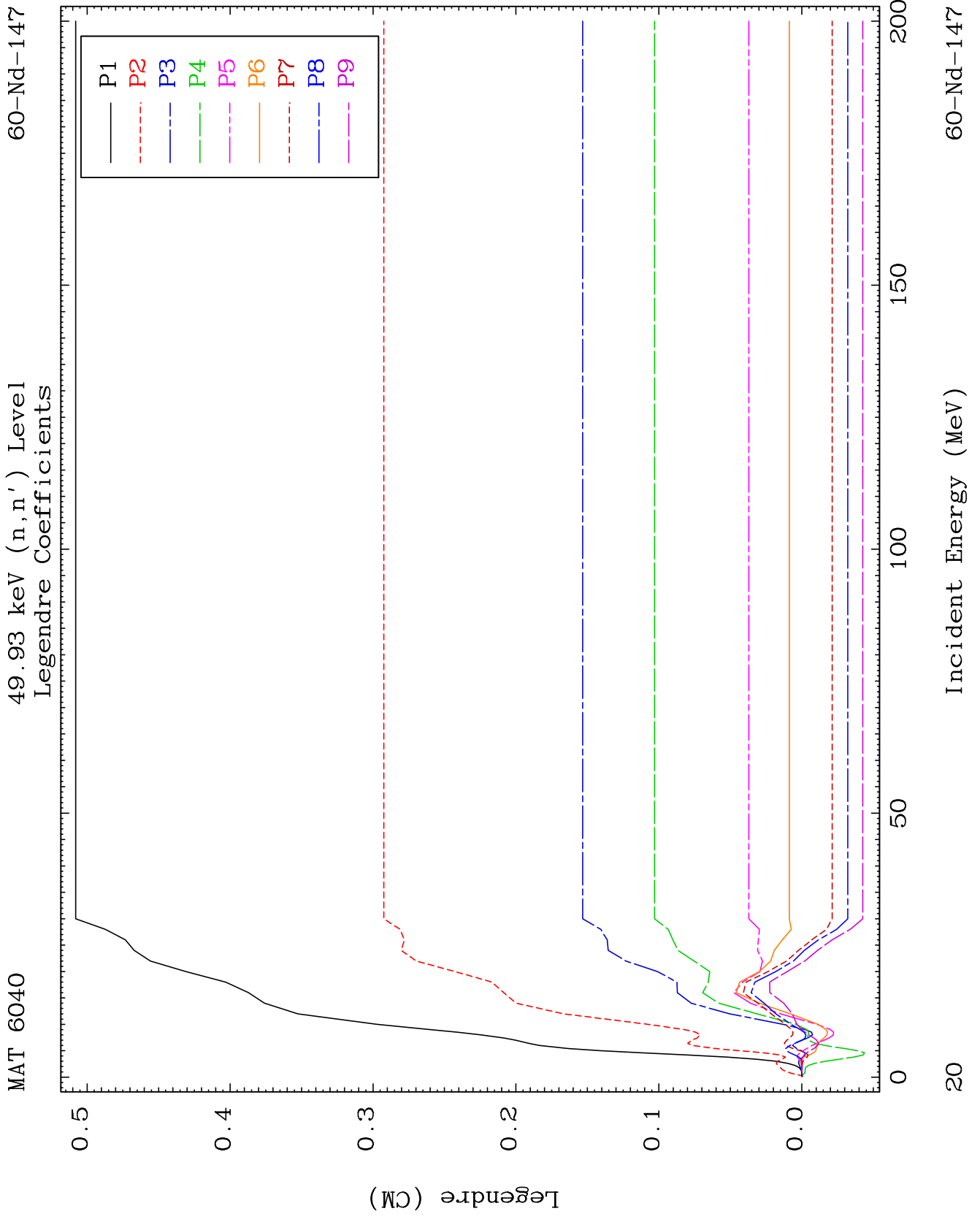
60-Nd-147

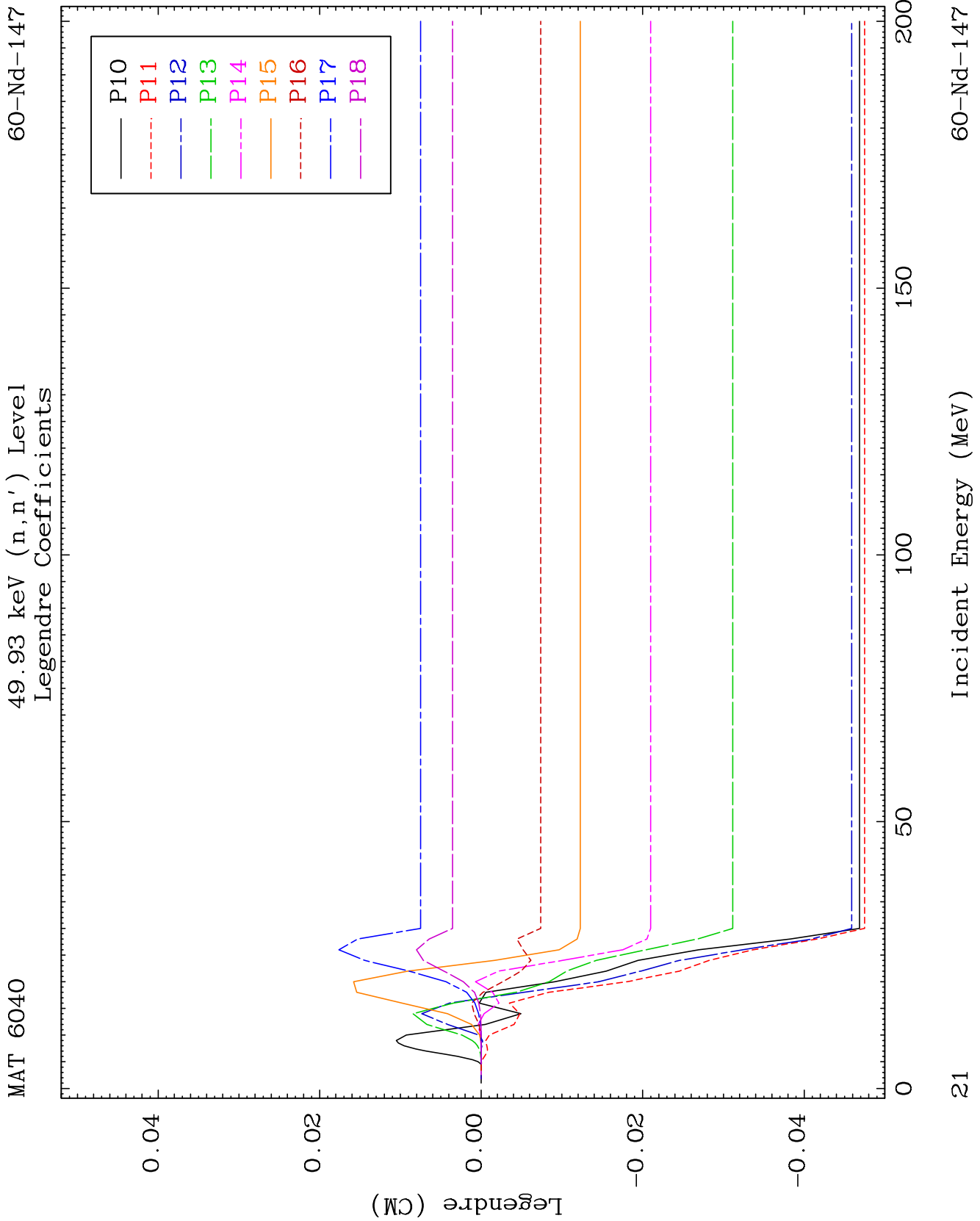


19

Incident Energy (MeV)

60-Nd-147

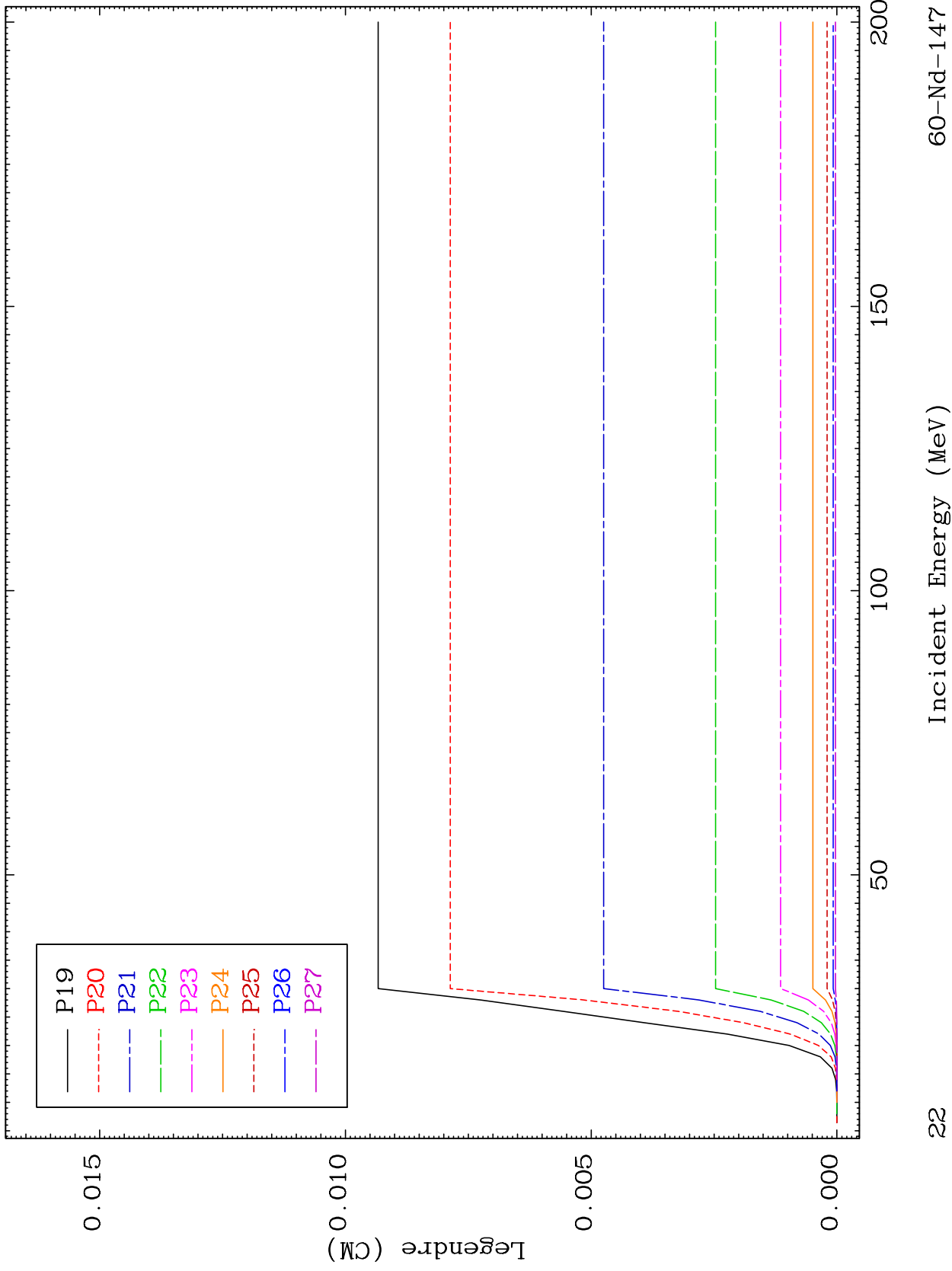




MAT 6040

49.93 keV (n,n') Level
Legendre Coefficients

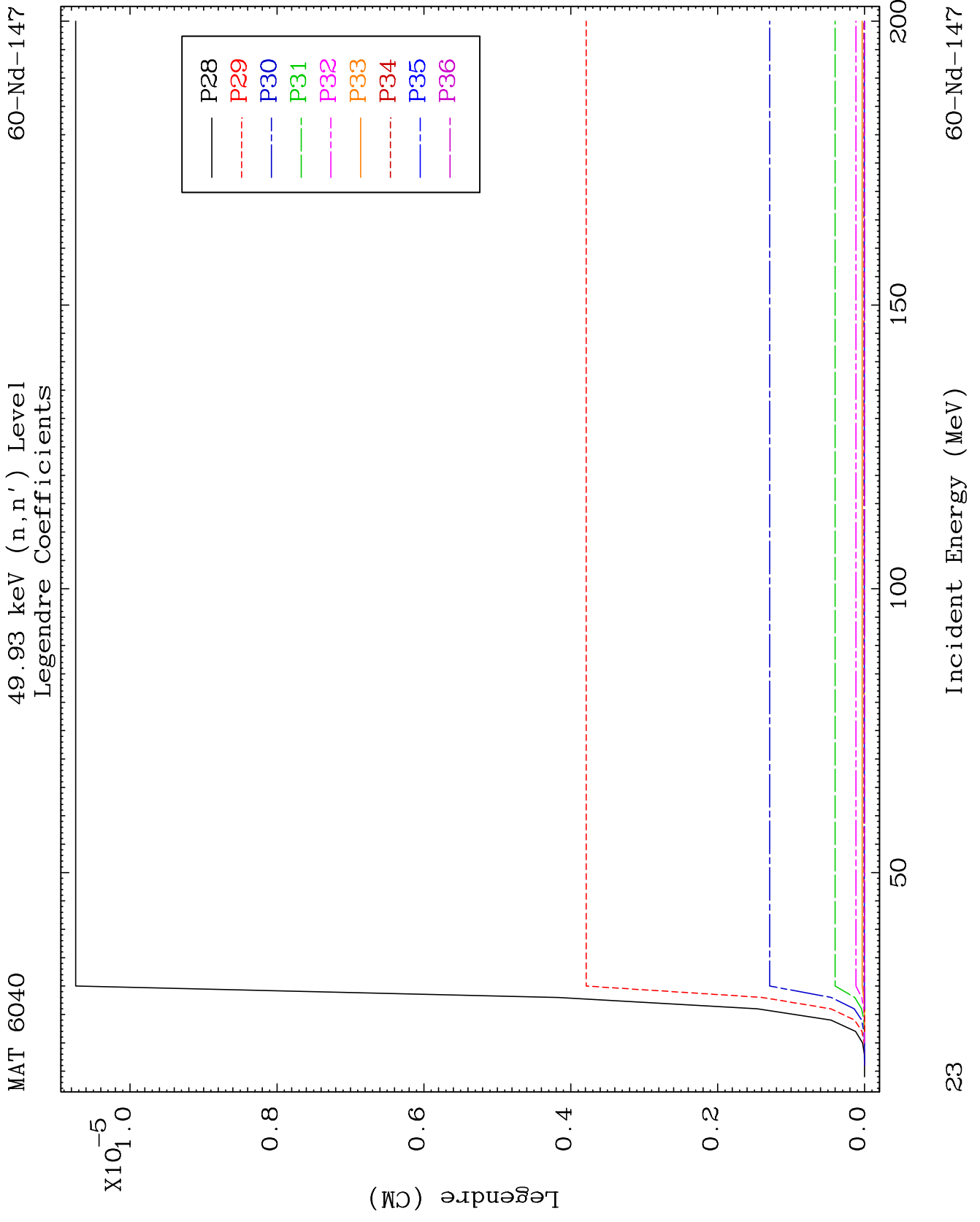
60-Nd-147

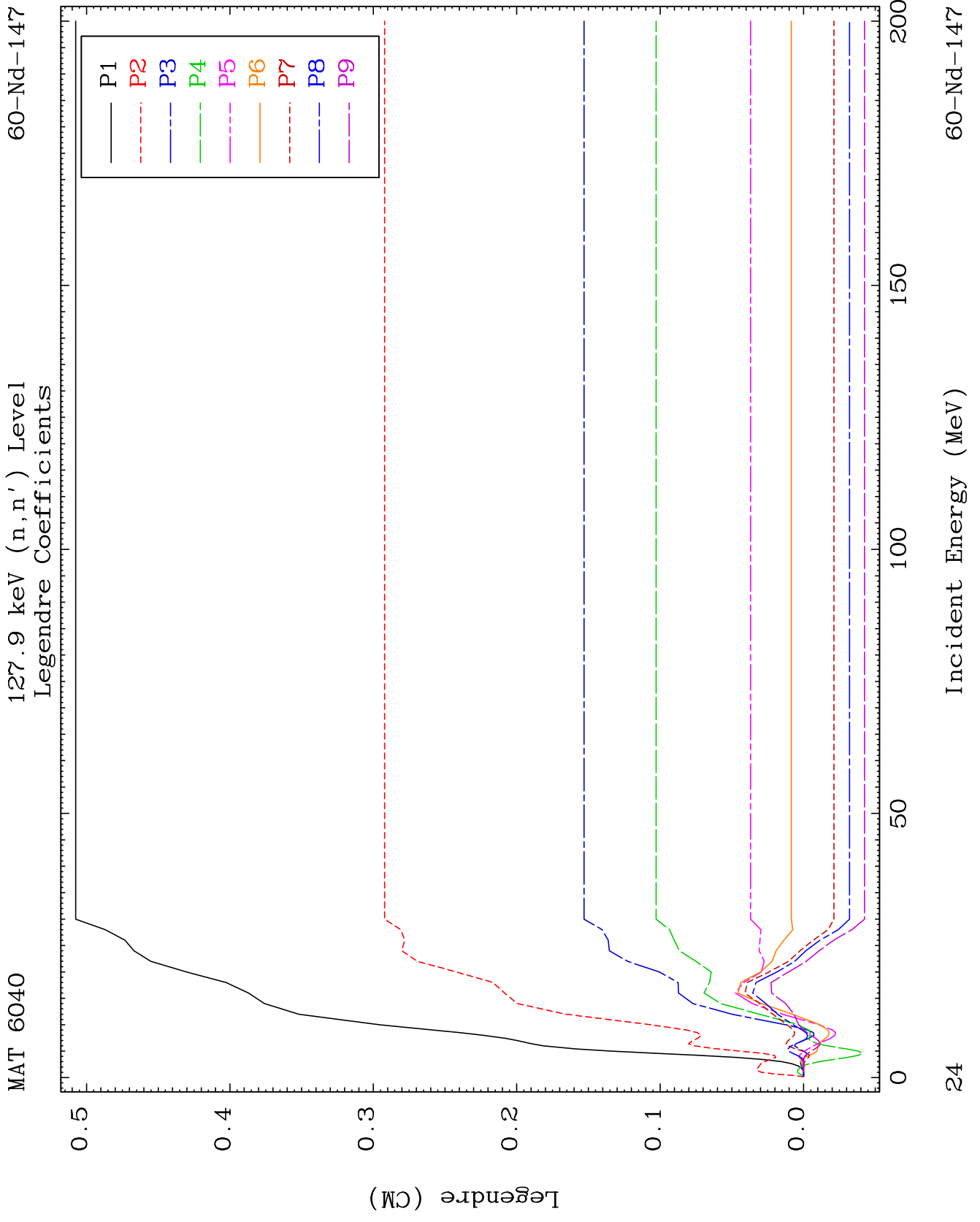


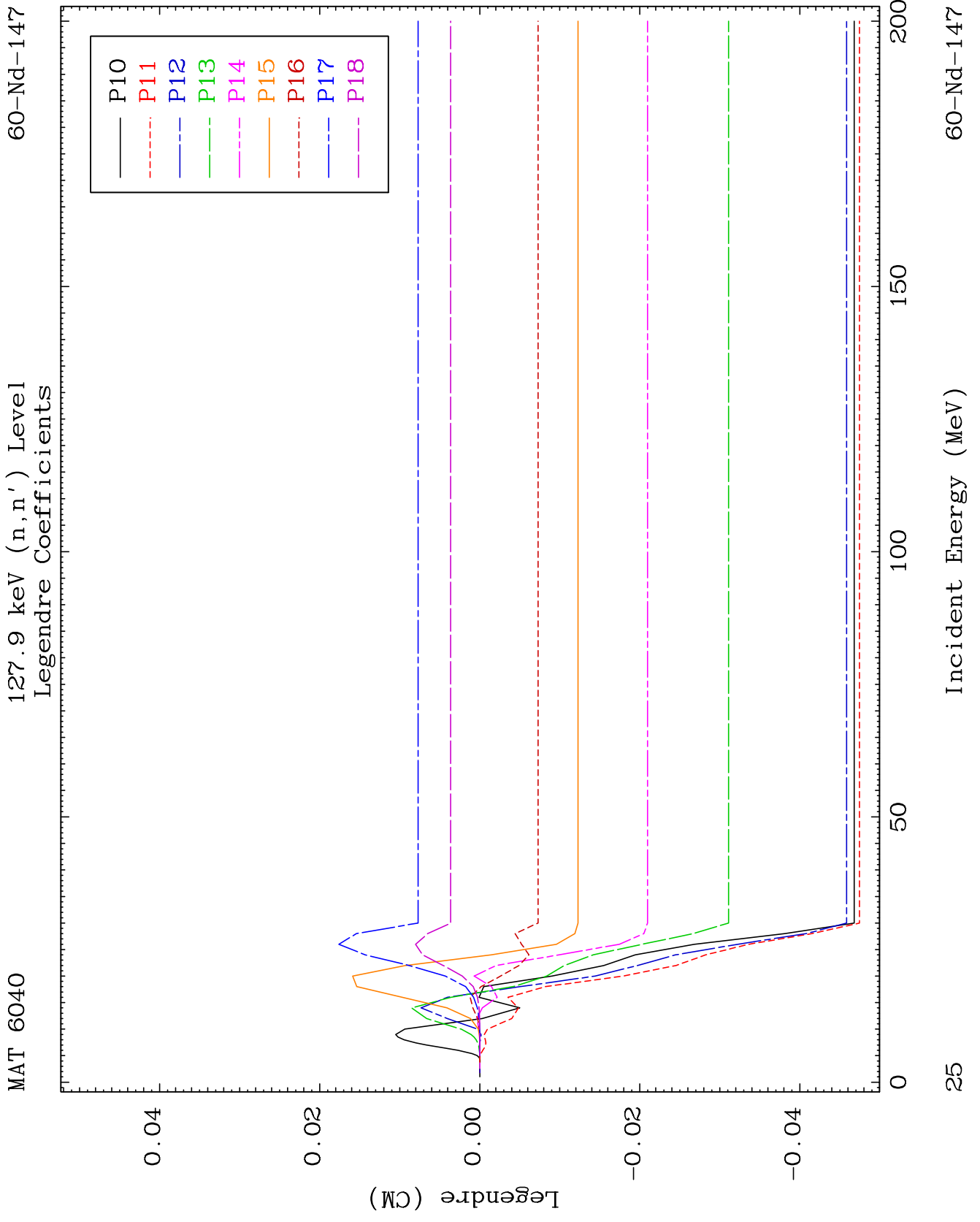
22

Incident Energy (MeV)

60-Nd-147



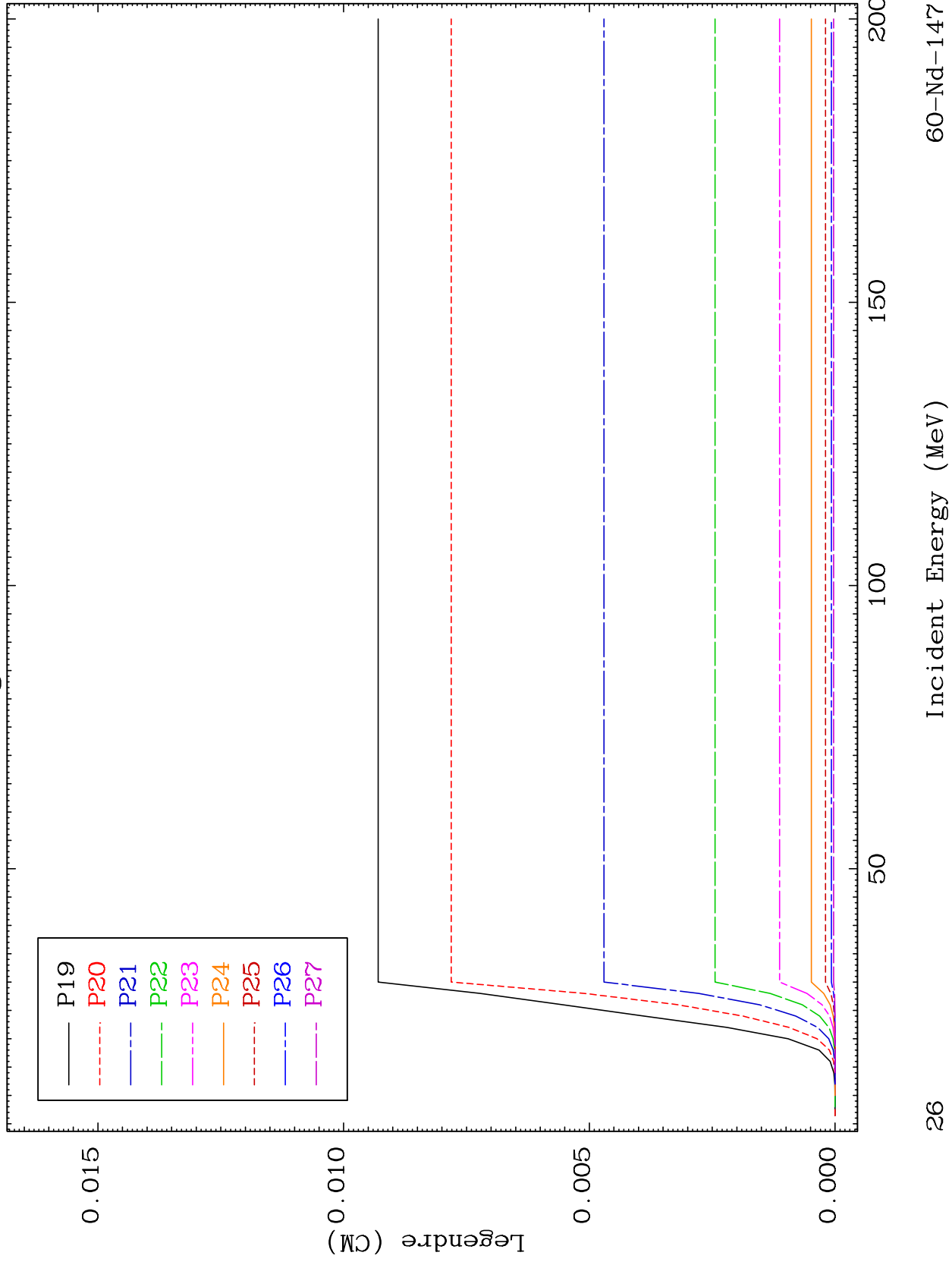




MAT 6040

127.9 keV (n,n') Level
Legendre Coefficients

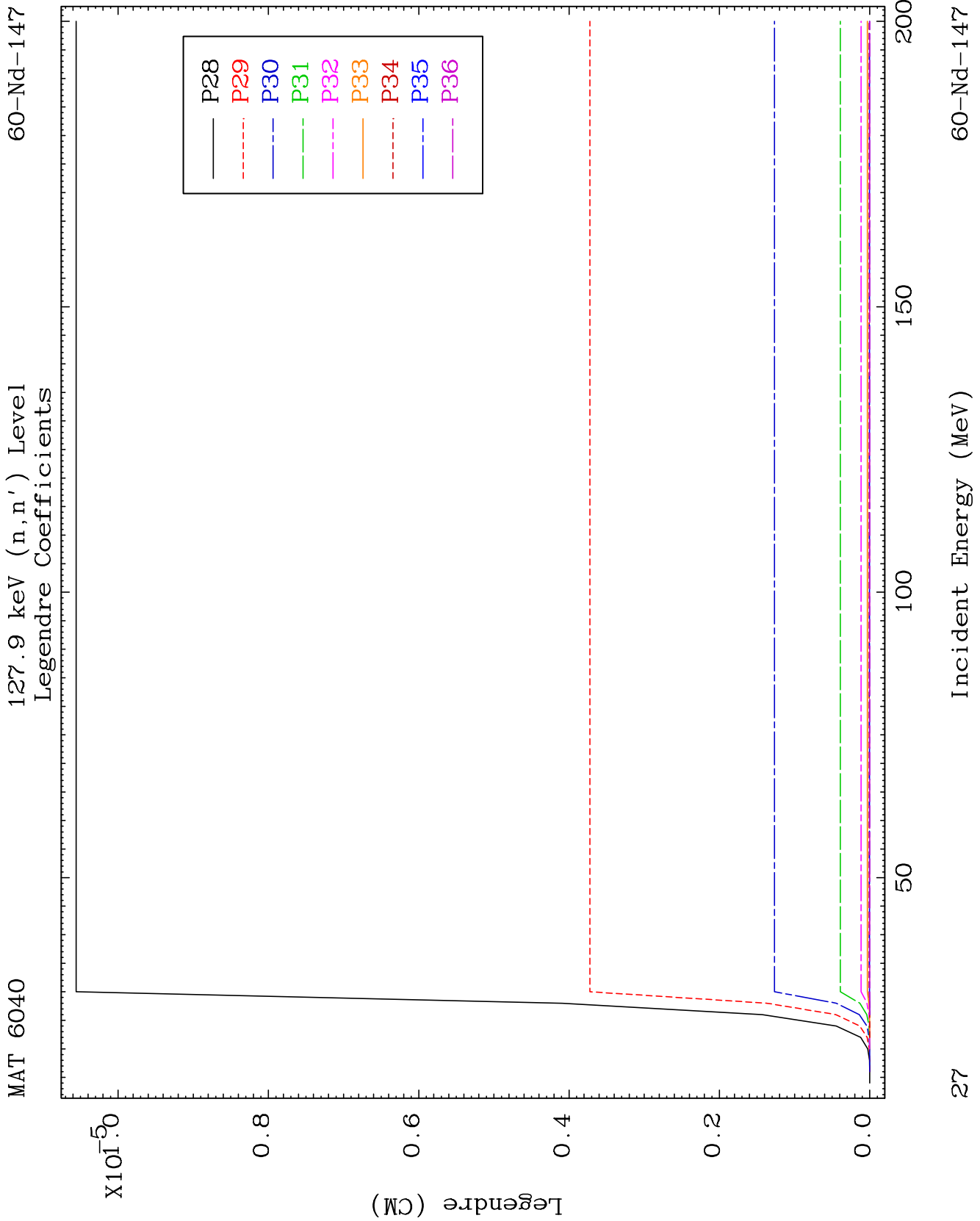
60-Nd-147

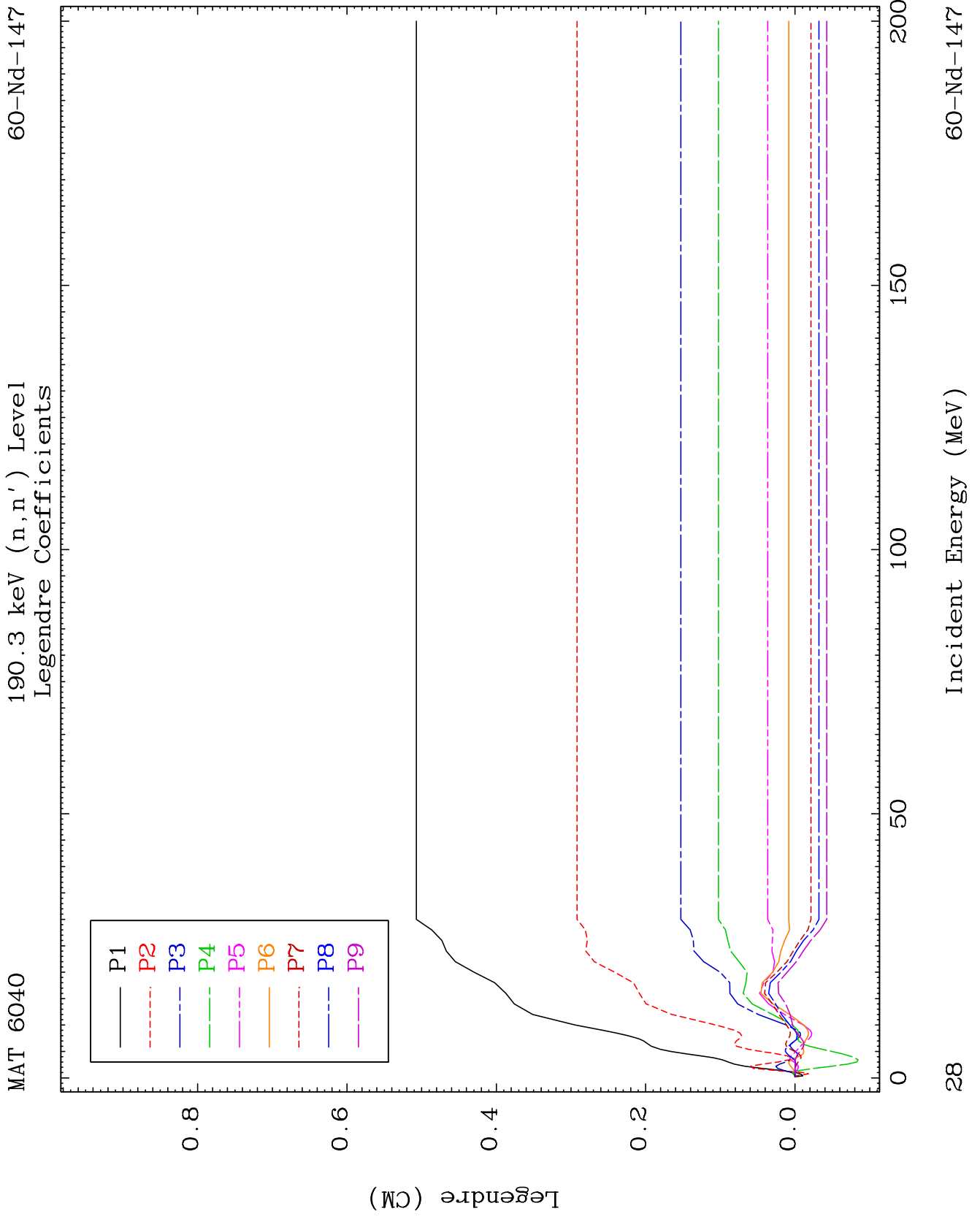


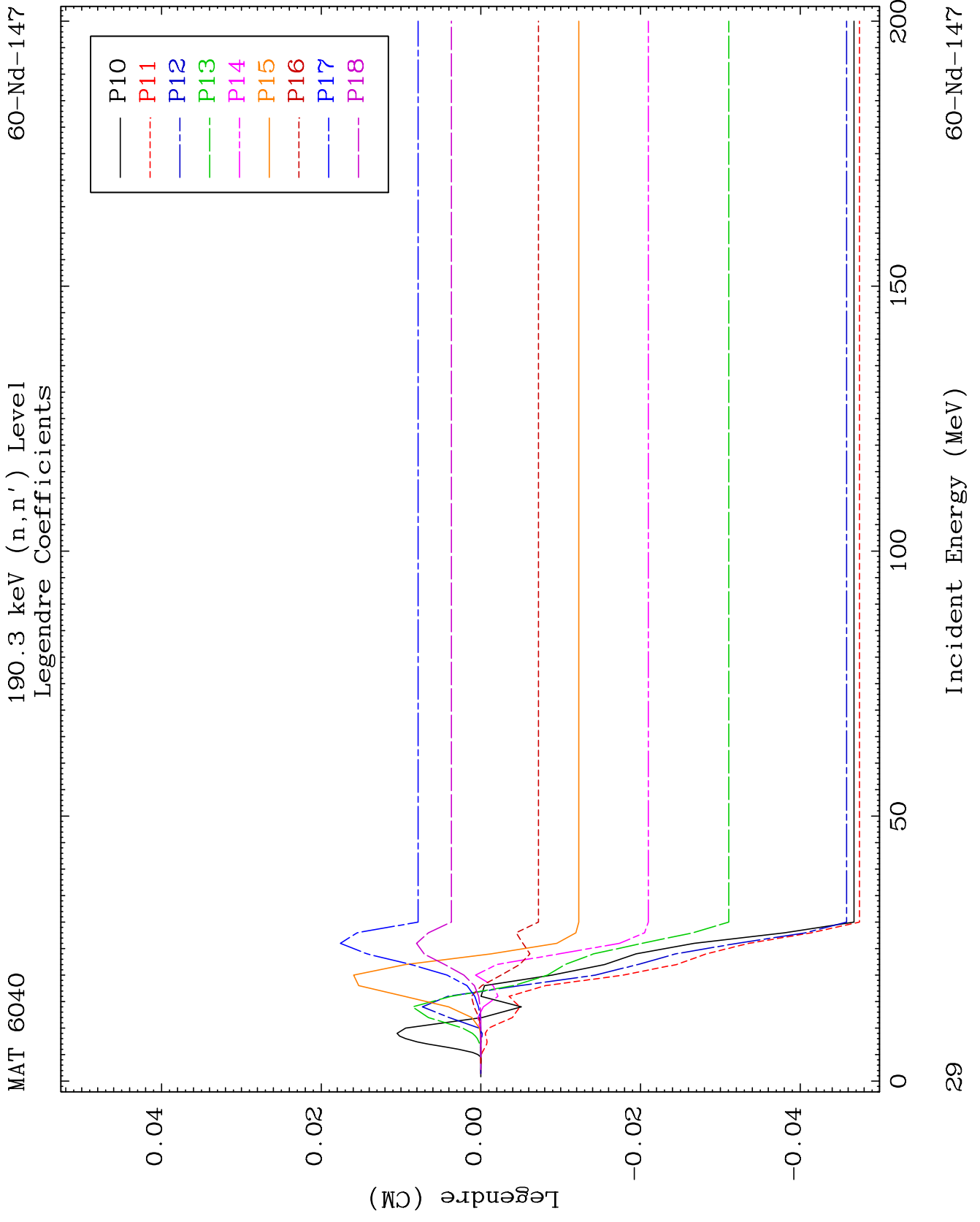
26

Incident Energy (MeV)

60-Nd-147



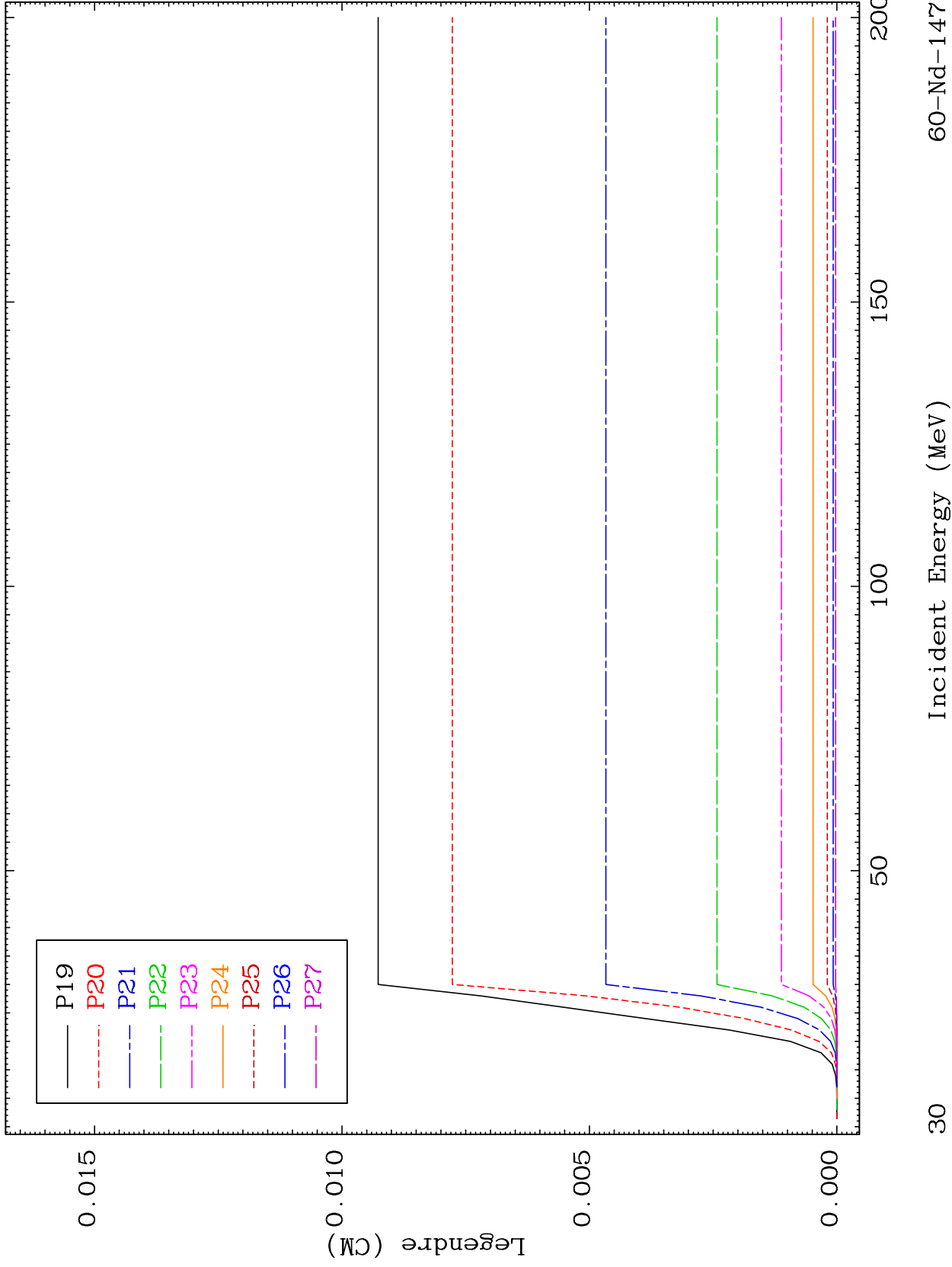




MAT 6040

190.3 keV (n,n') Level
Legendre Coefficients

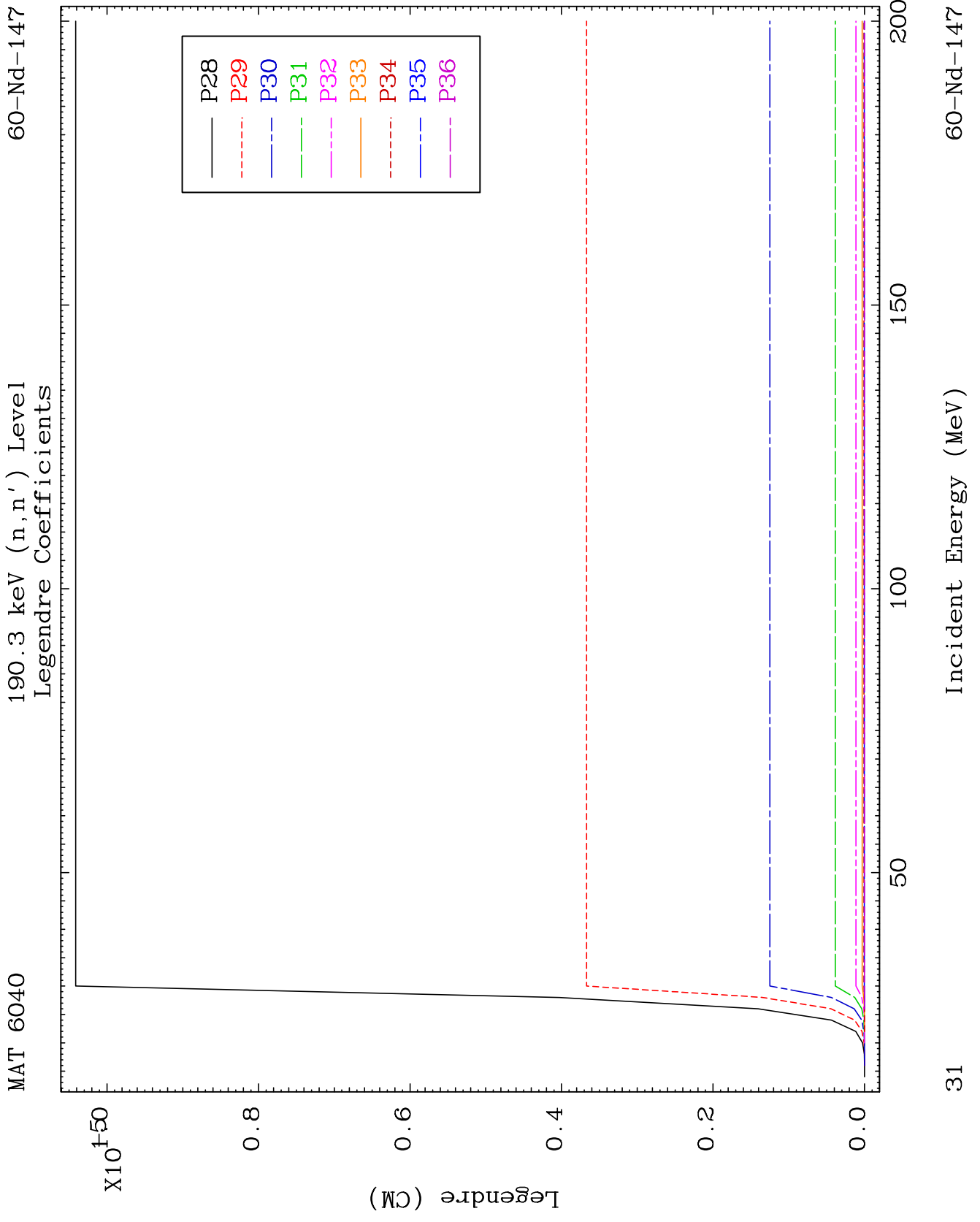
60-Nd-147

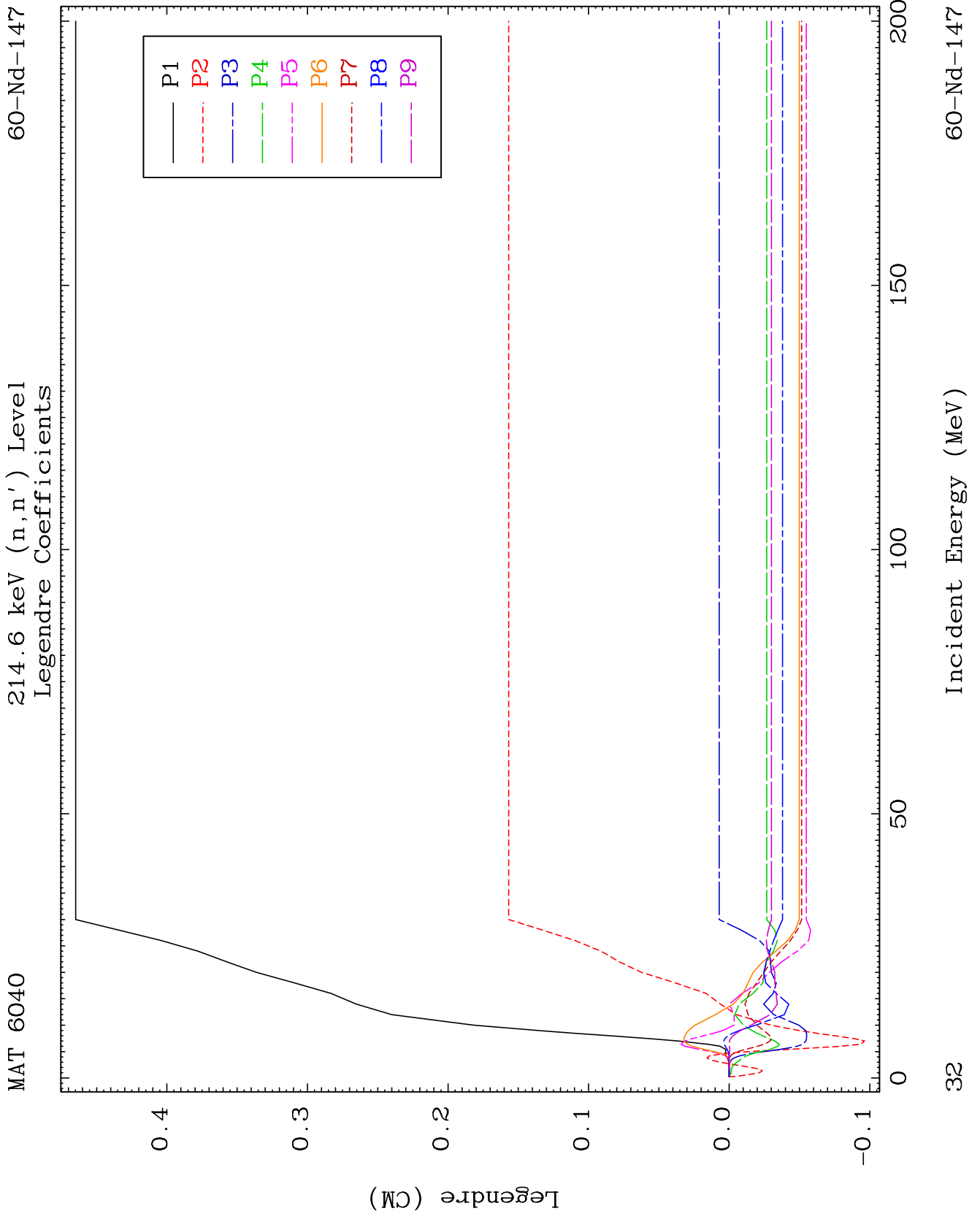


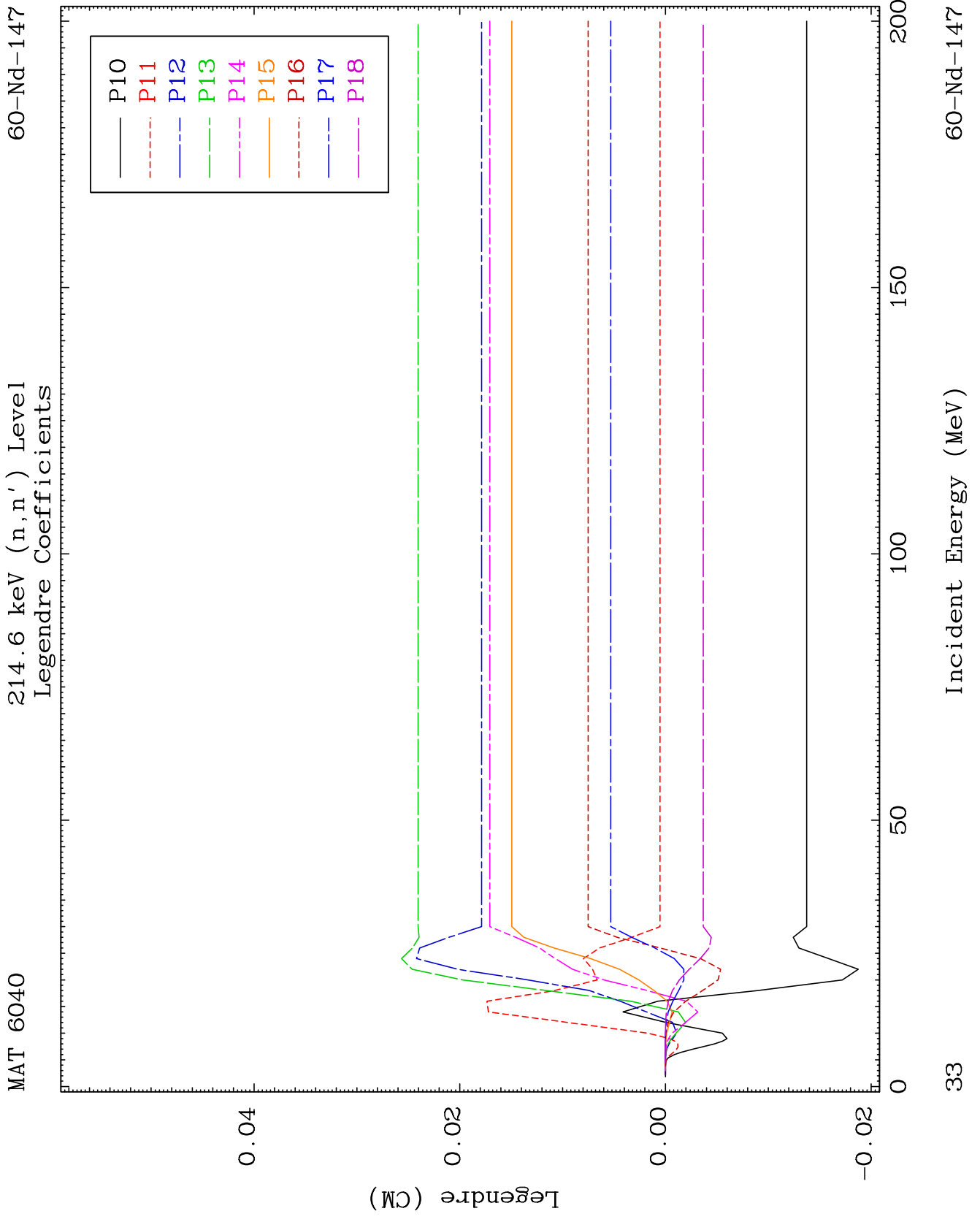
60-Nd-147

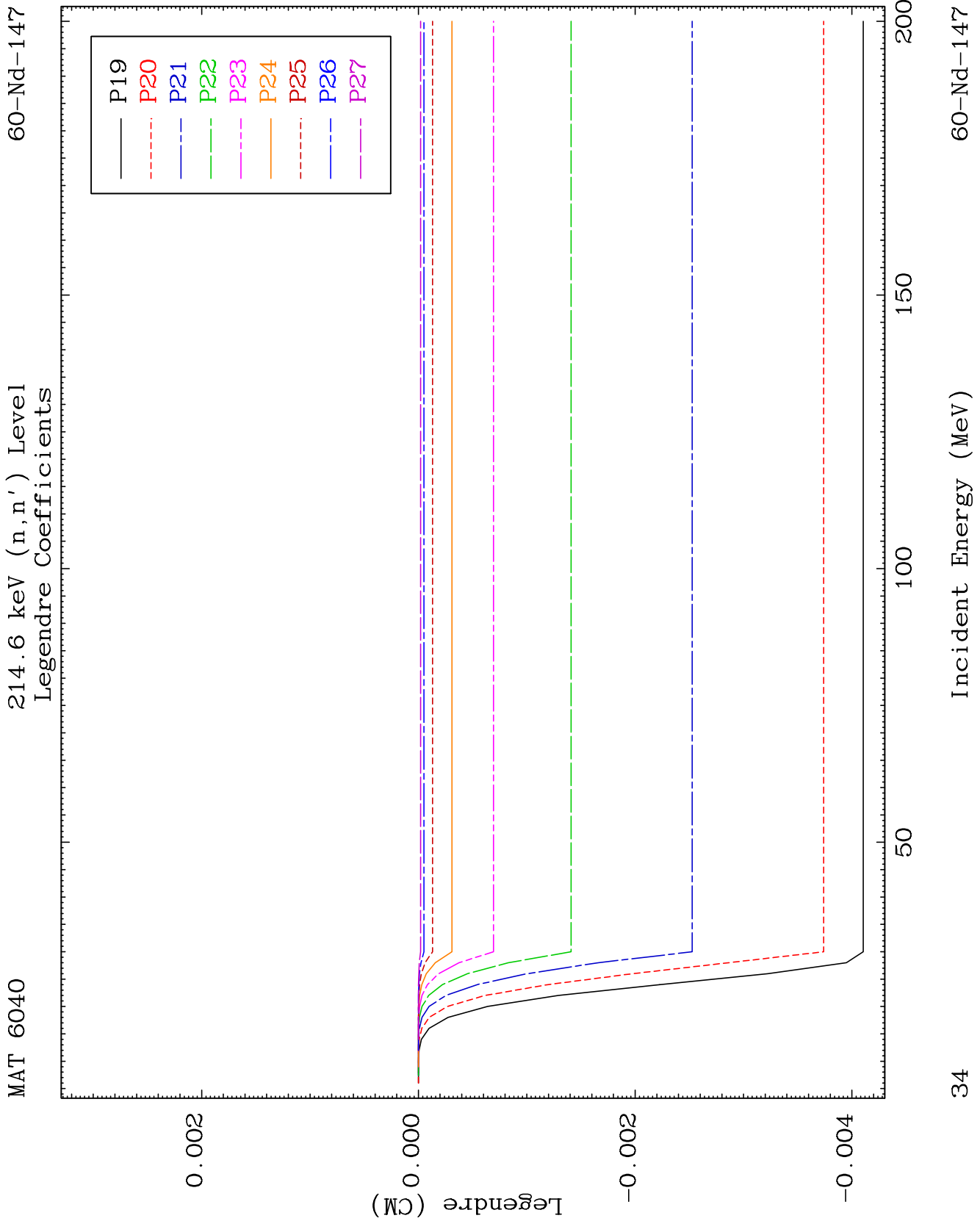
Incident Energy (MeV)

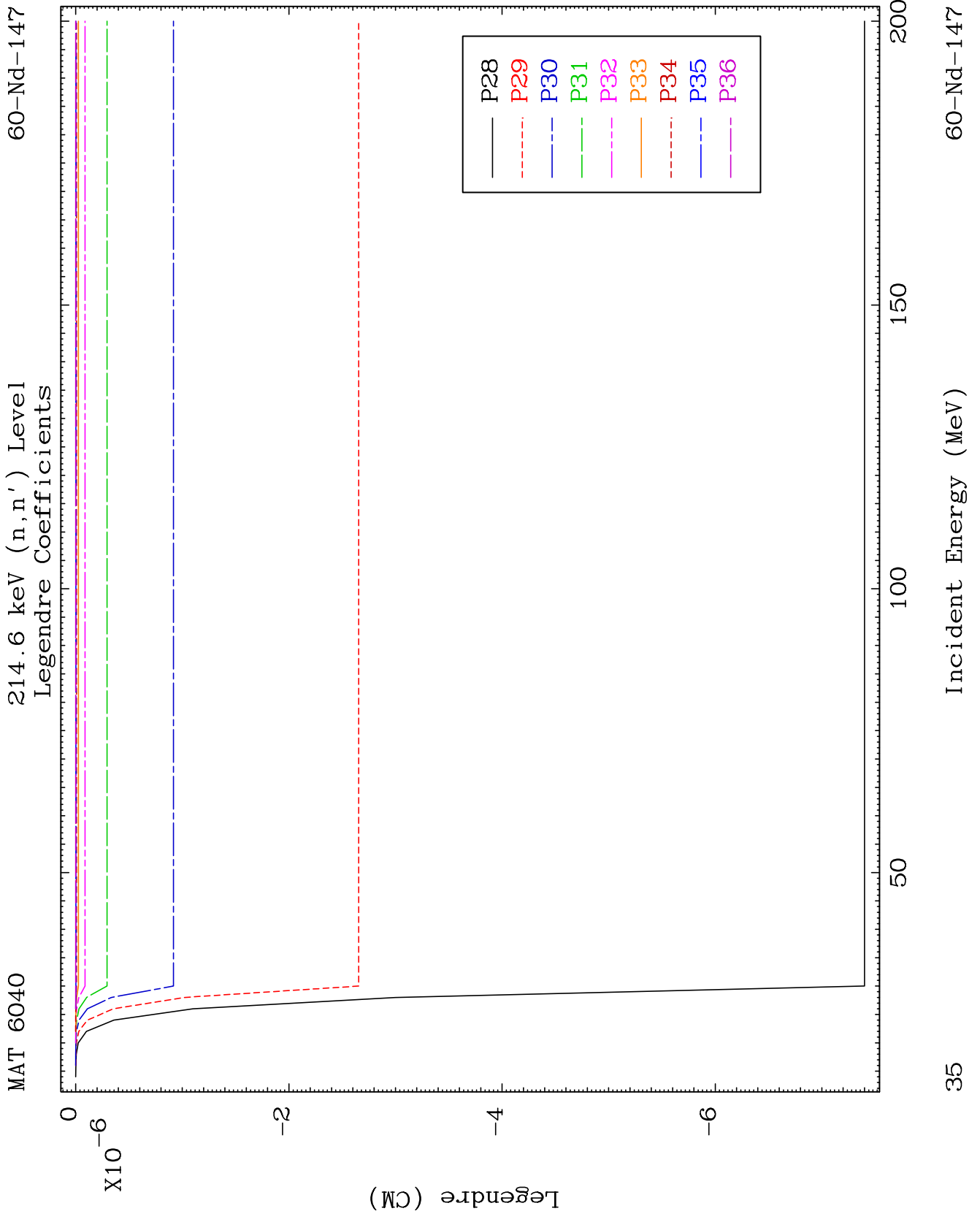
30

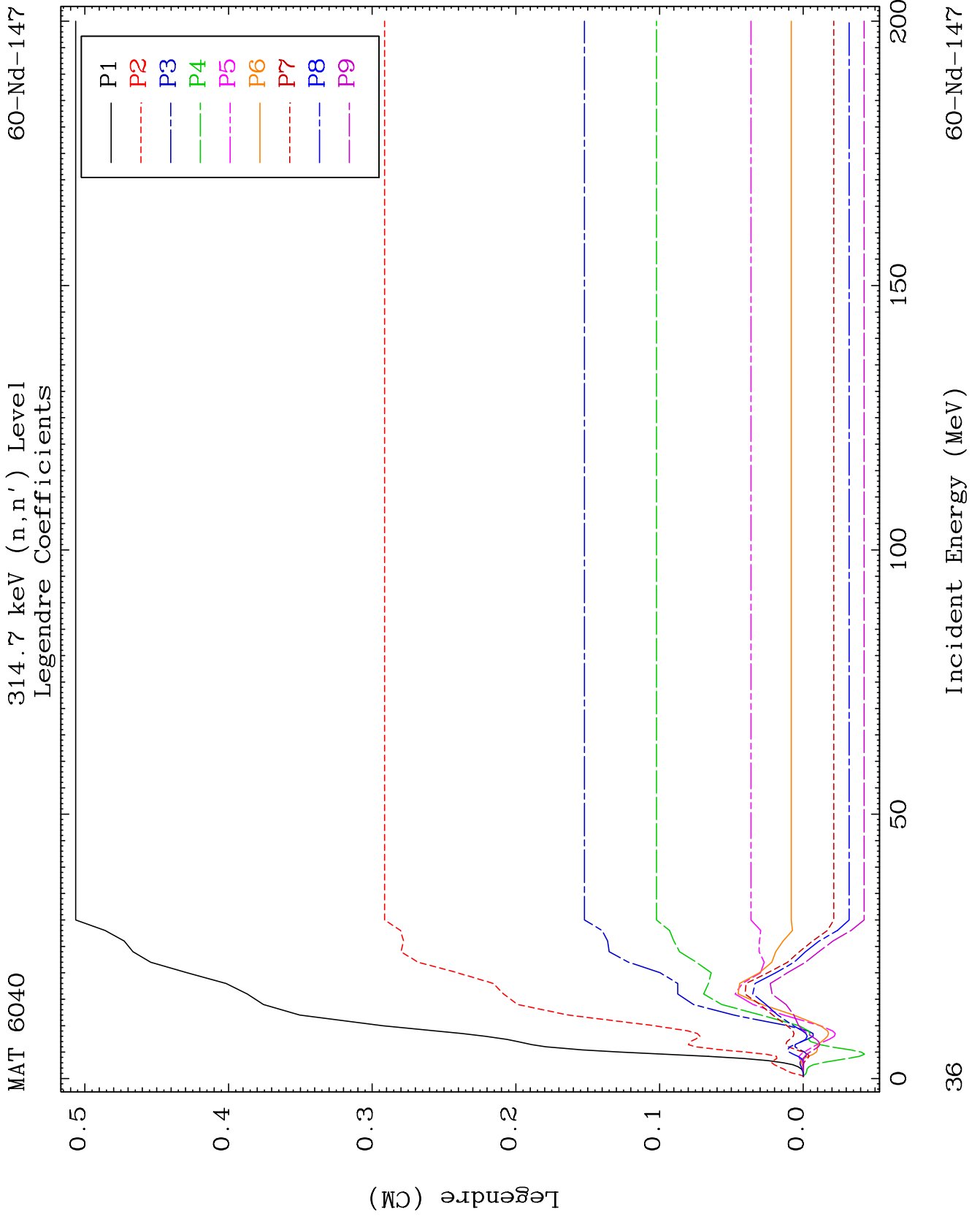


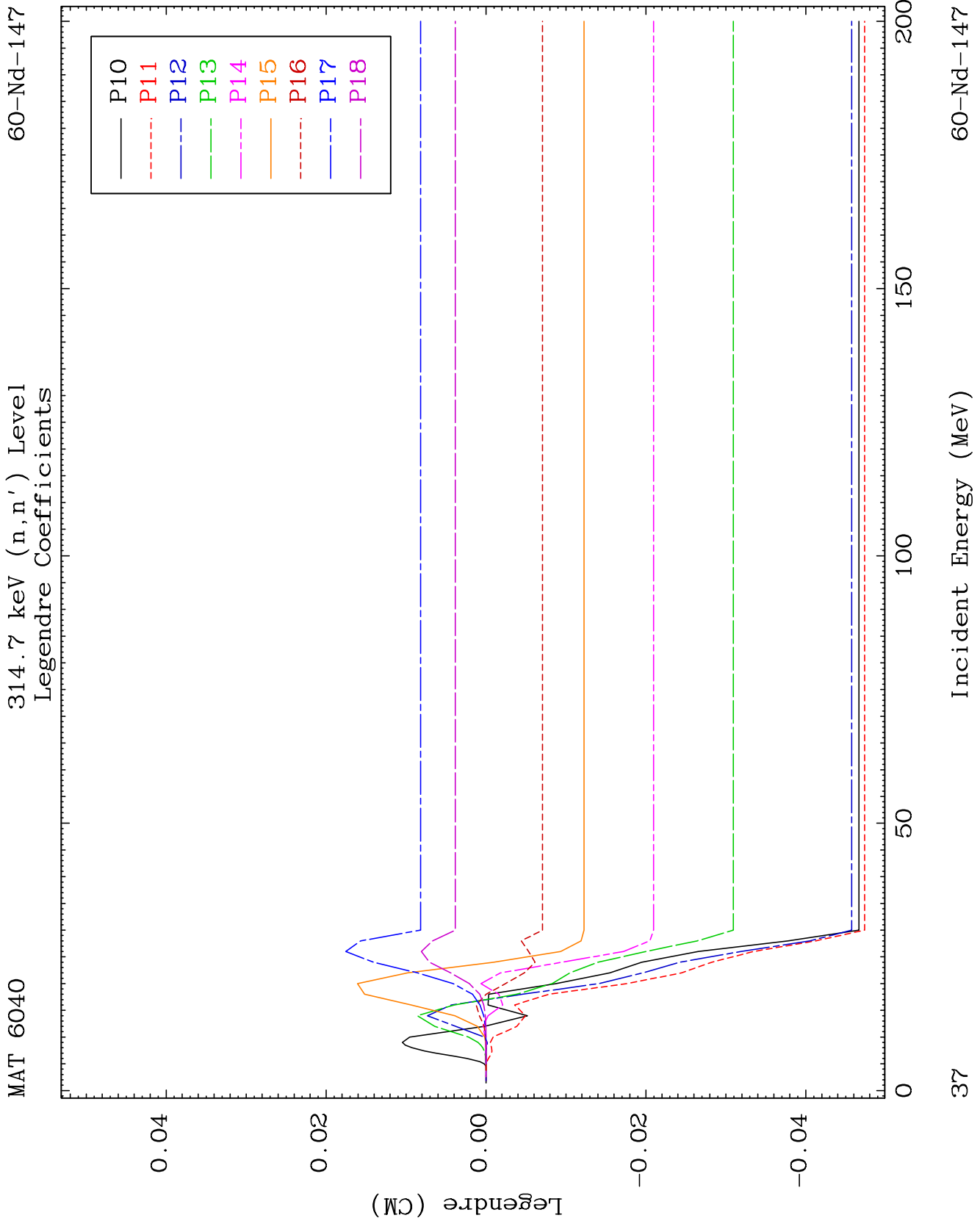








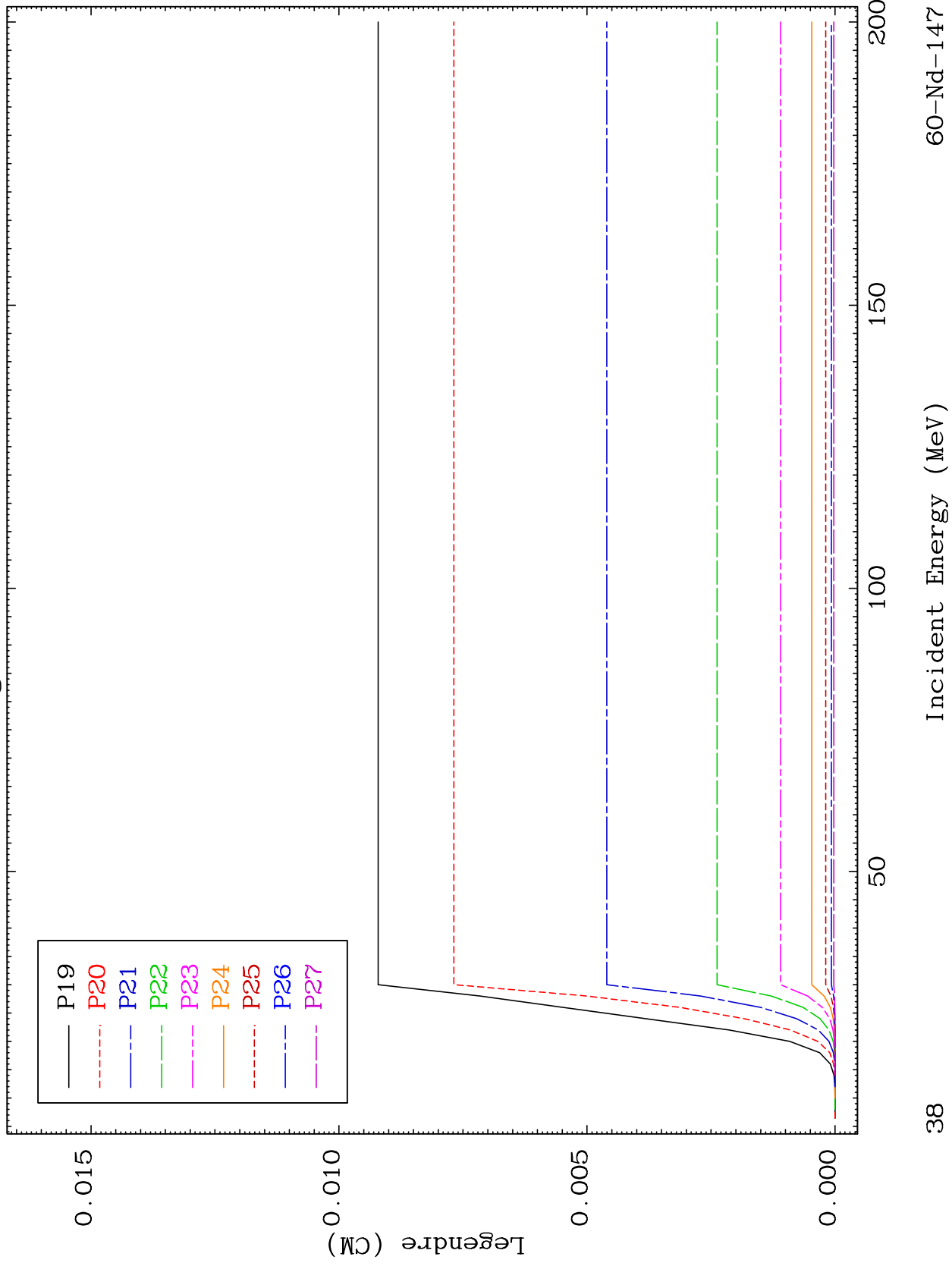




MAT 6040

314.7 keV (n,n') Level
Legendre Coefficients

60-Nd-147



38

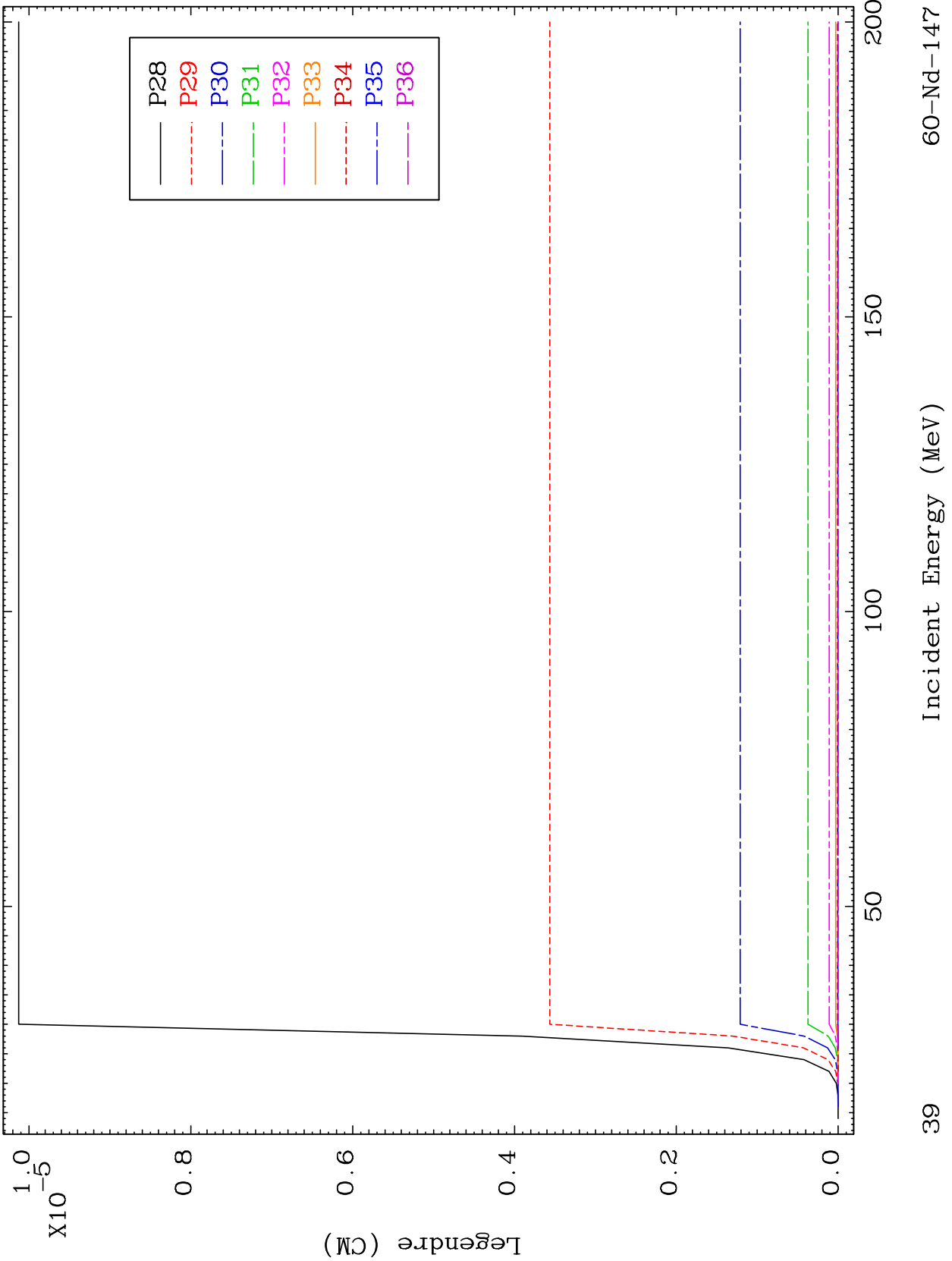
Incident Energy (MeV)

60-Nd-147

MAT 6040

314.7 keV (n, n') Level
Legendre Coefficients

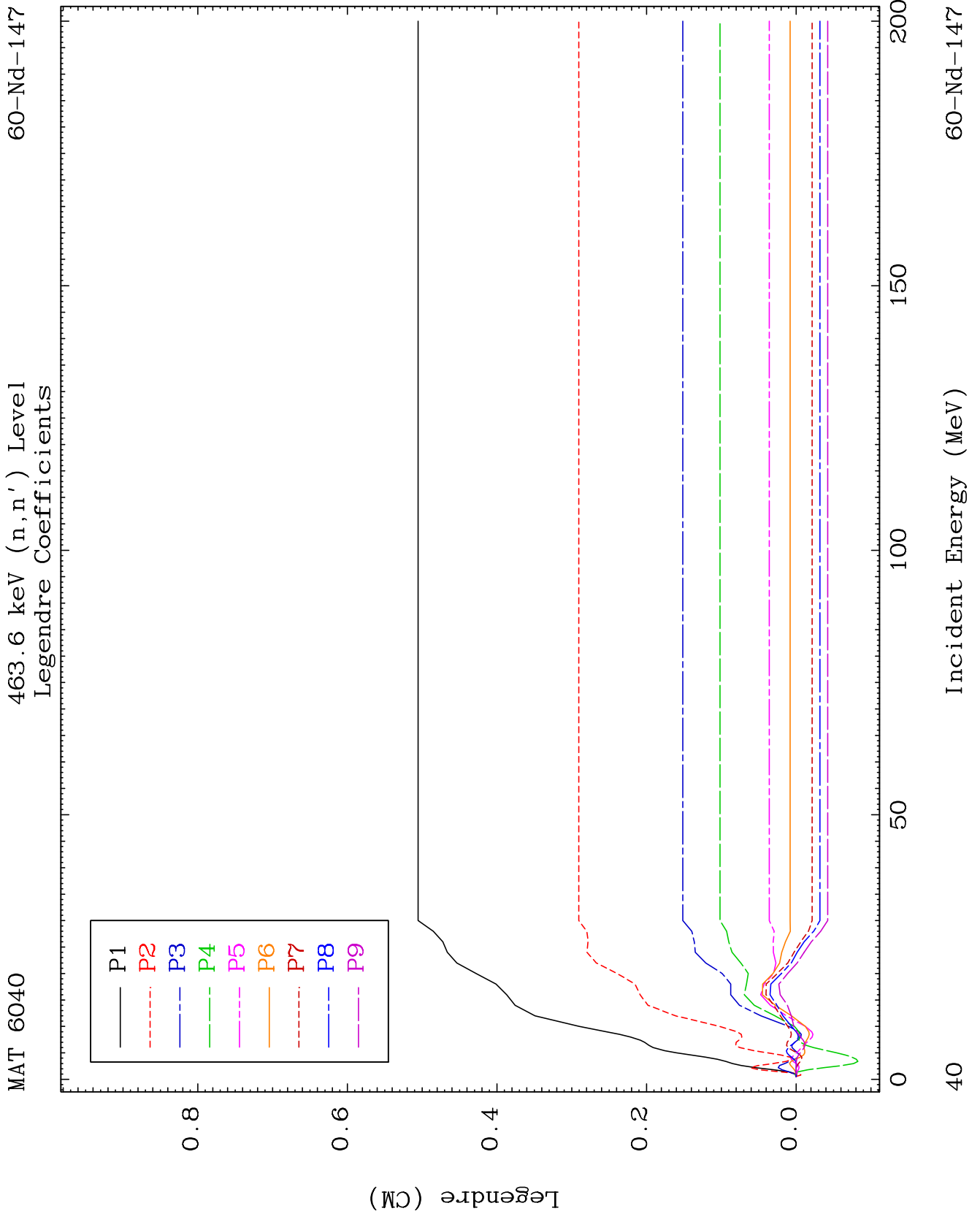
60-Nd-147



60-Nd-147

Incident Energy (MeV)

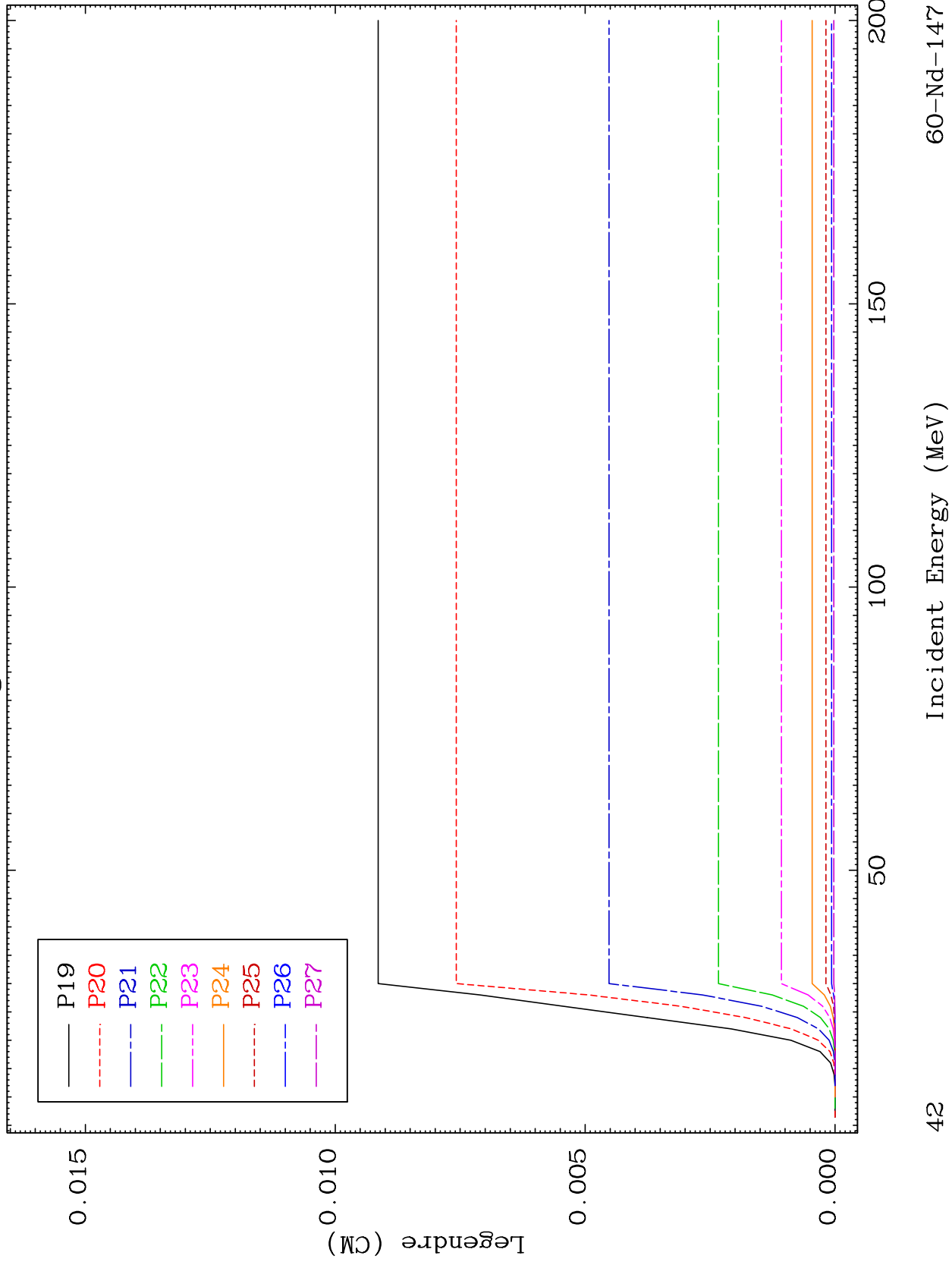
39



MAT 6040

463.6 keV (n,n') Level
Legendre Coefficients

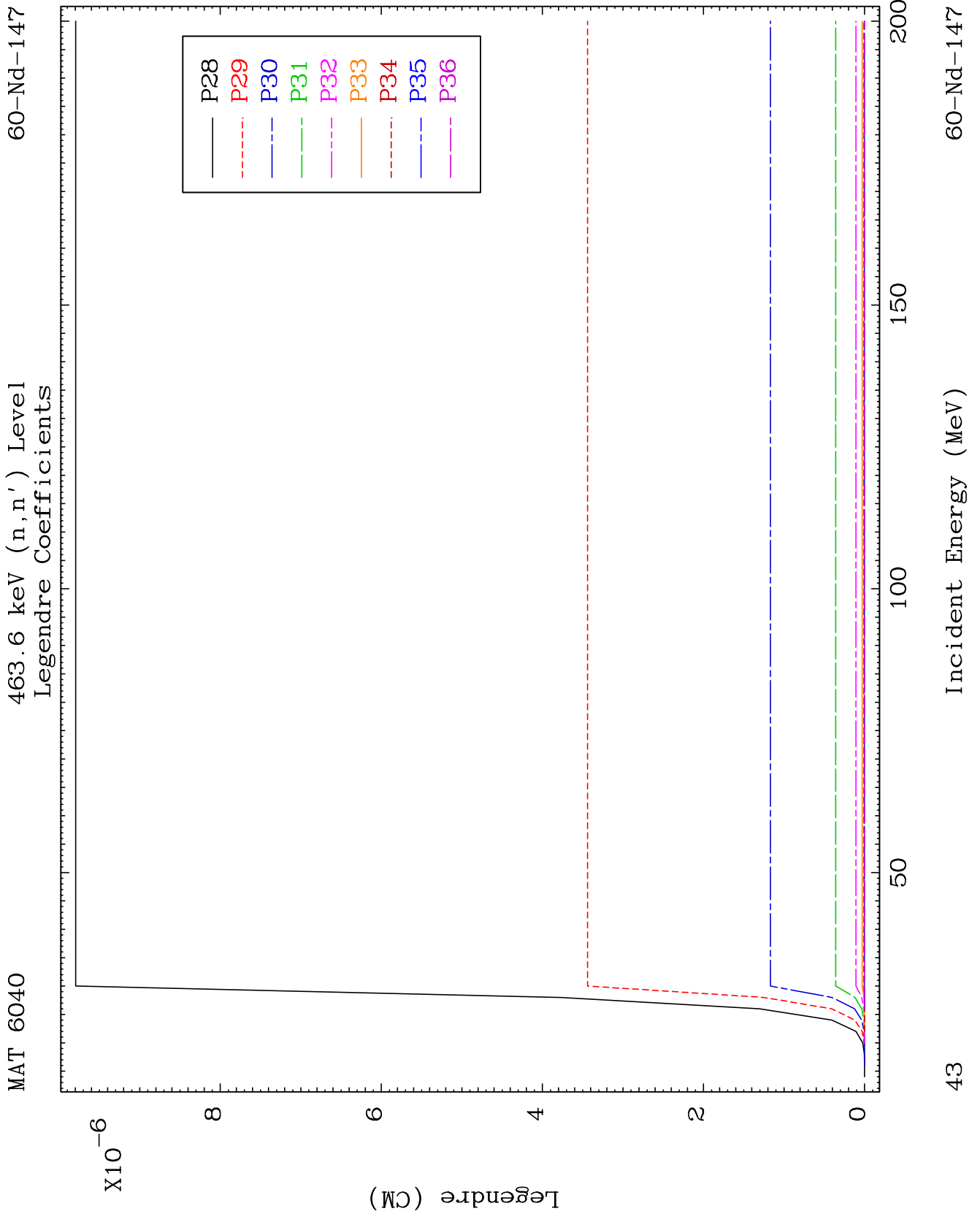
60-Nd-147



42

Incident Energy (MeV)

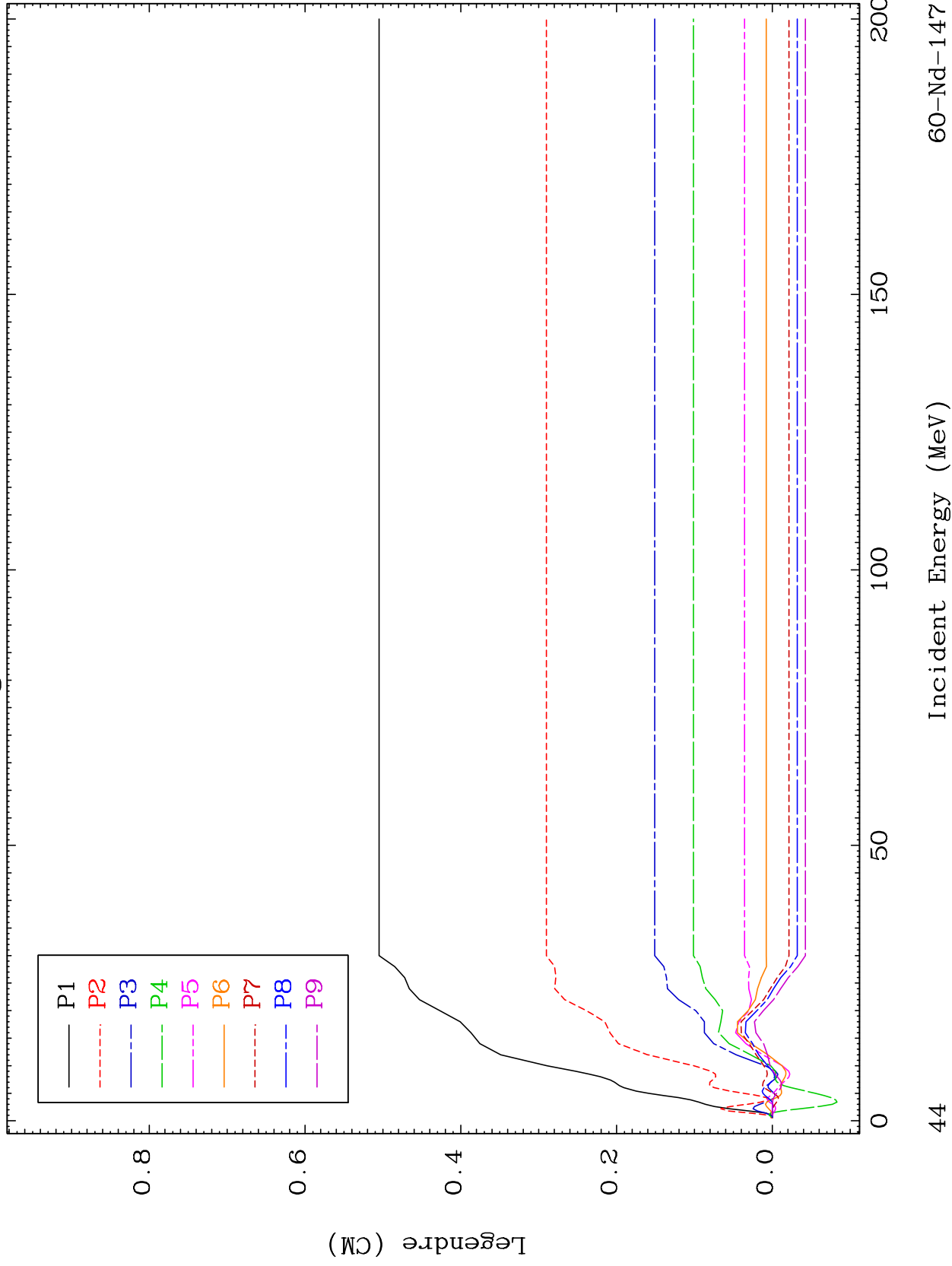
60-Nd-147



MAT 6040

516.7 keV (n,n') Level
Legendre Coefficients

60-Nd-147



44

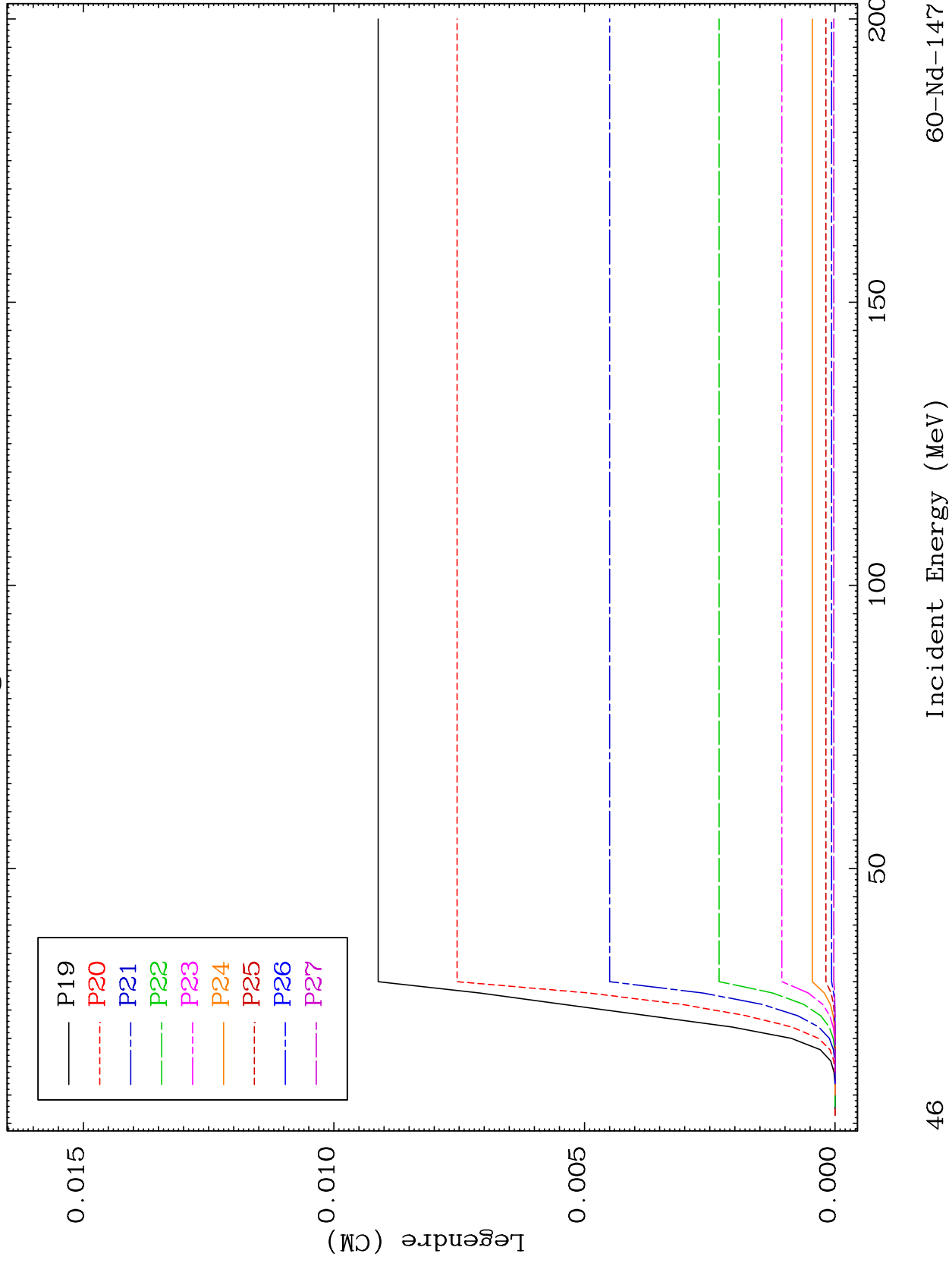
Incident Energy (MeV)

60-Nd-147

MAT 6040

516.7 keV (n,n') Level
Legendre Coefficients

60-Nd-147



46

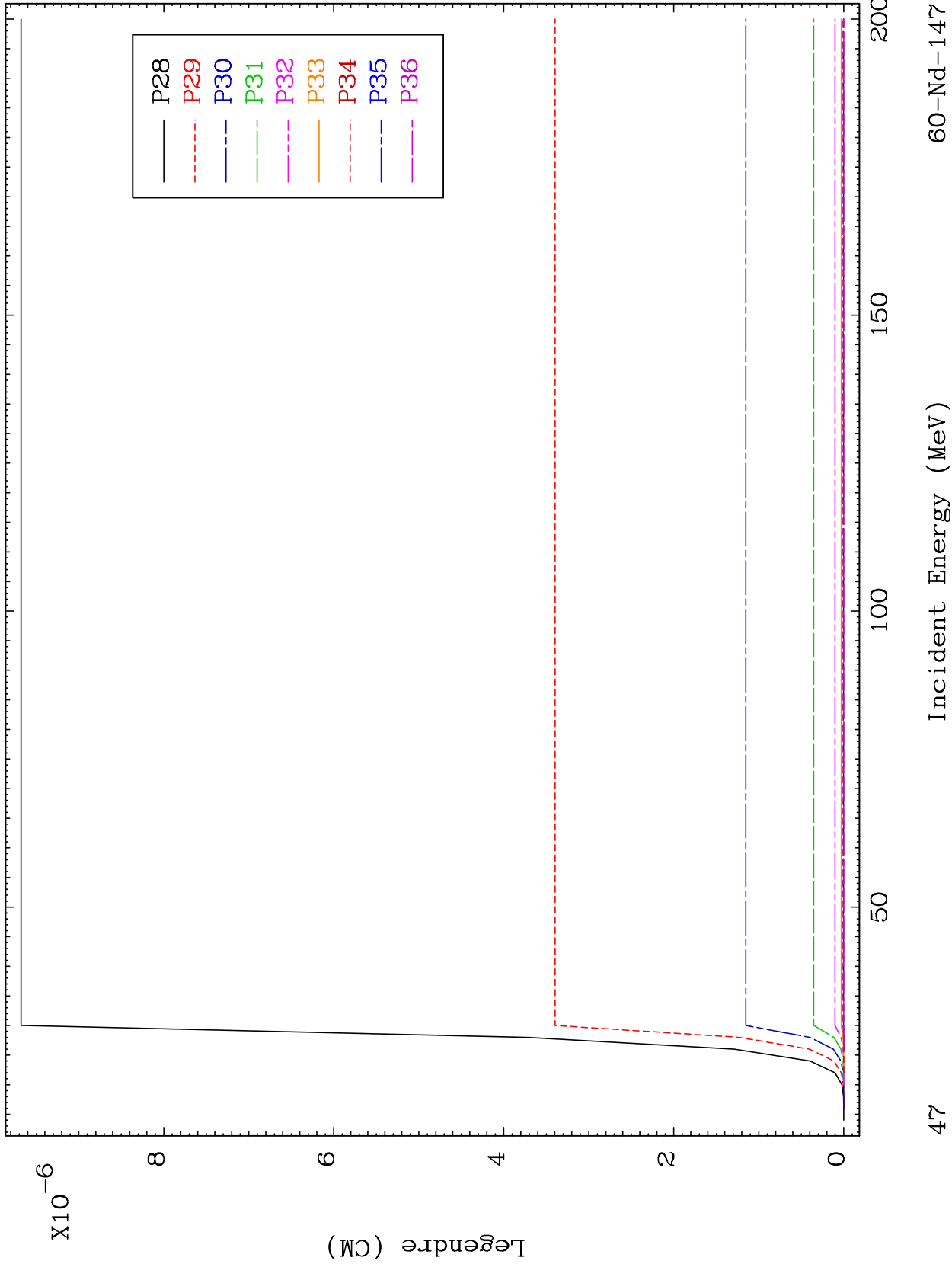
Incident Energy (MeV)

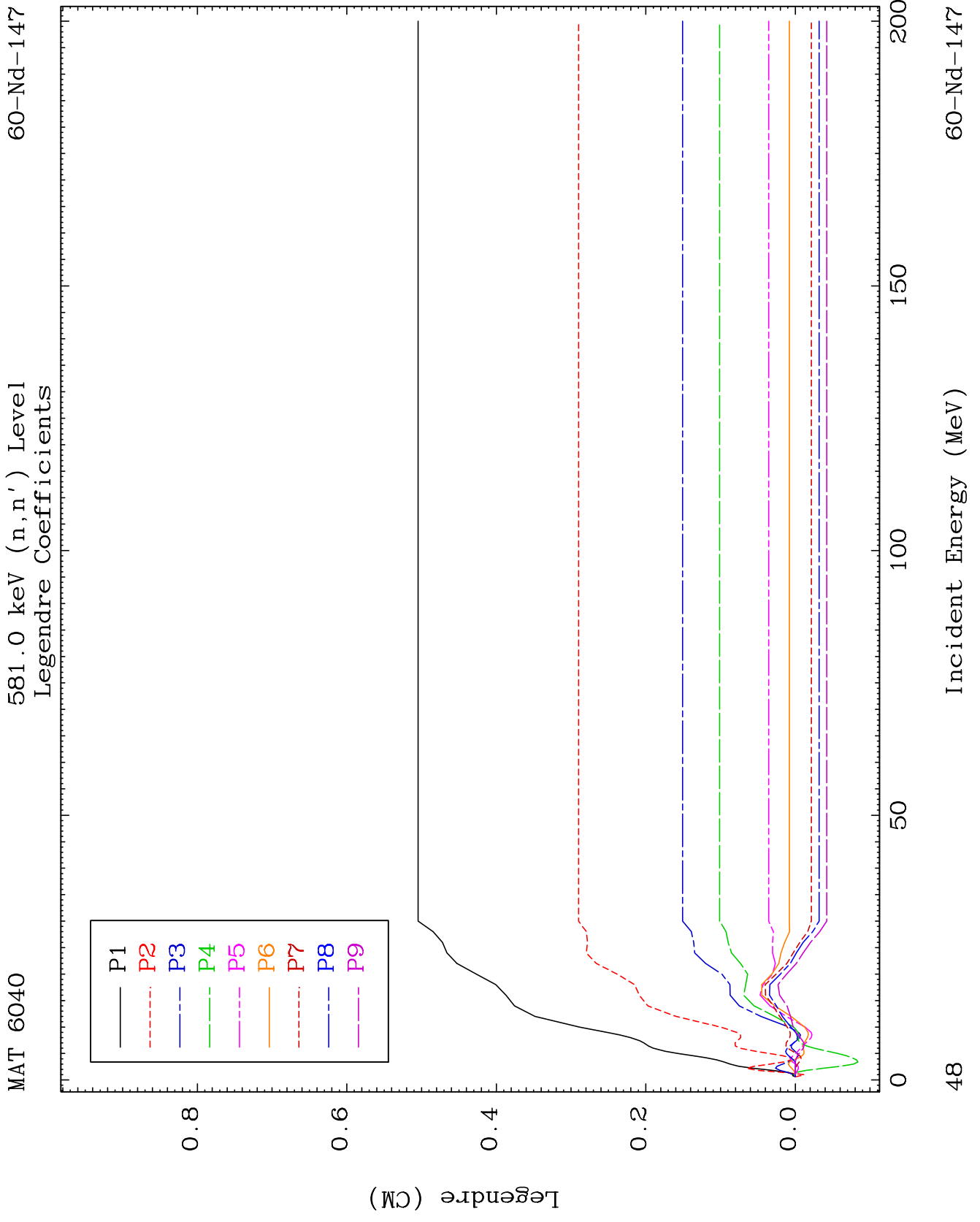
60-Nd-147

MAT 6040

516.7 keV (n, n') Level
Legendre Coefficients

60-Nd-147

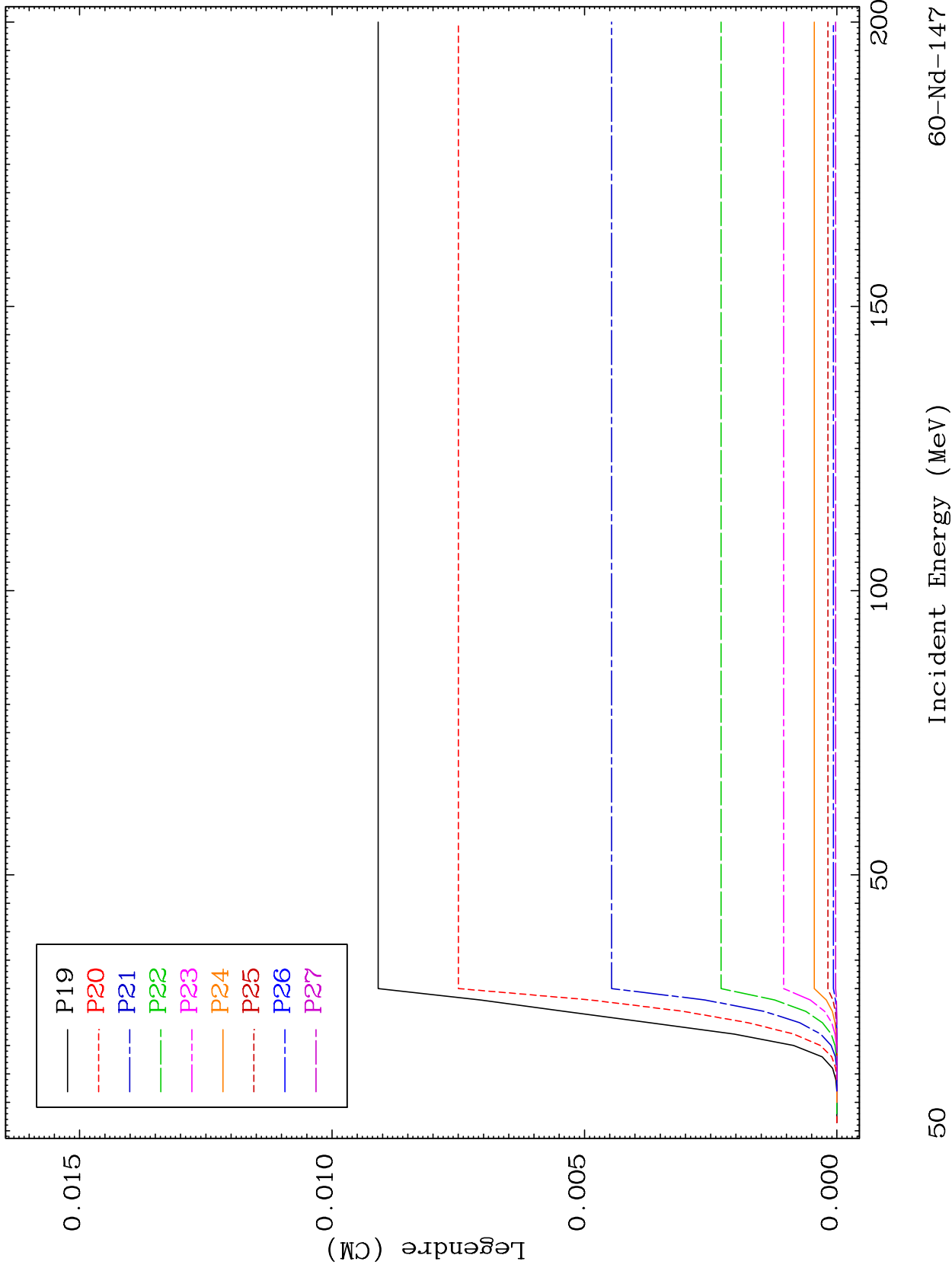




MAT 6040

581.0 keV (n,n') Level
Legendre Coefficients

60-Nd-147



50

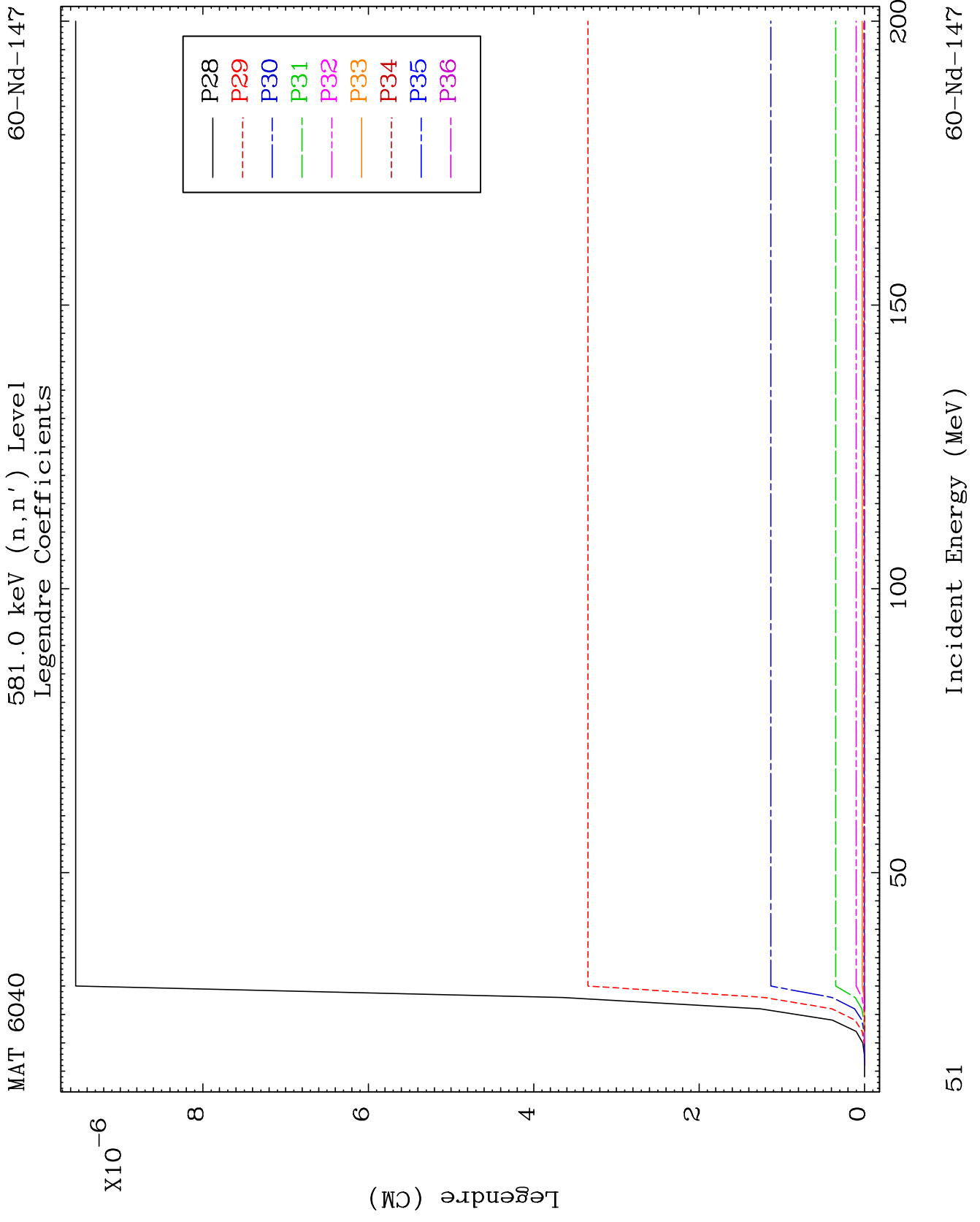
50

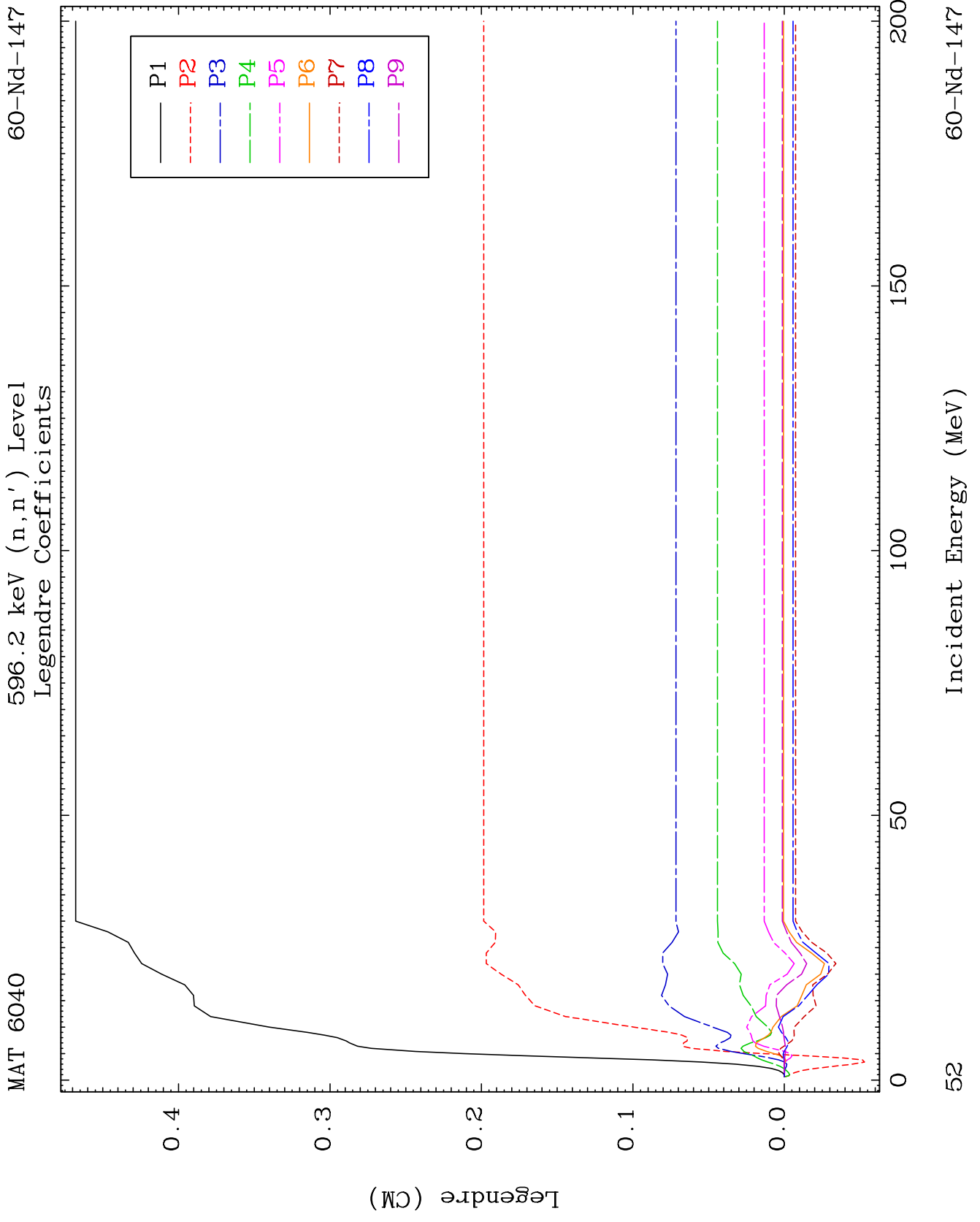
100

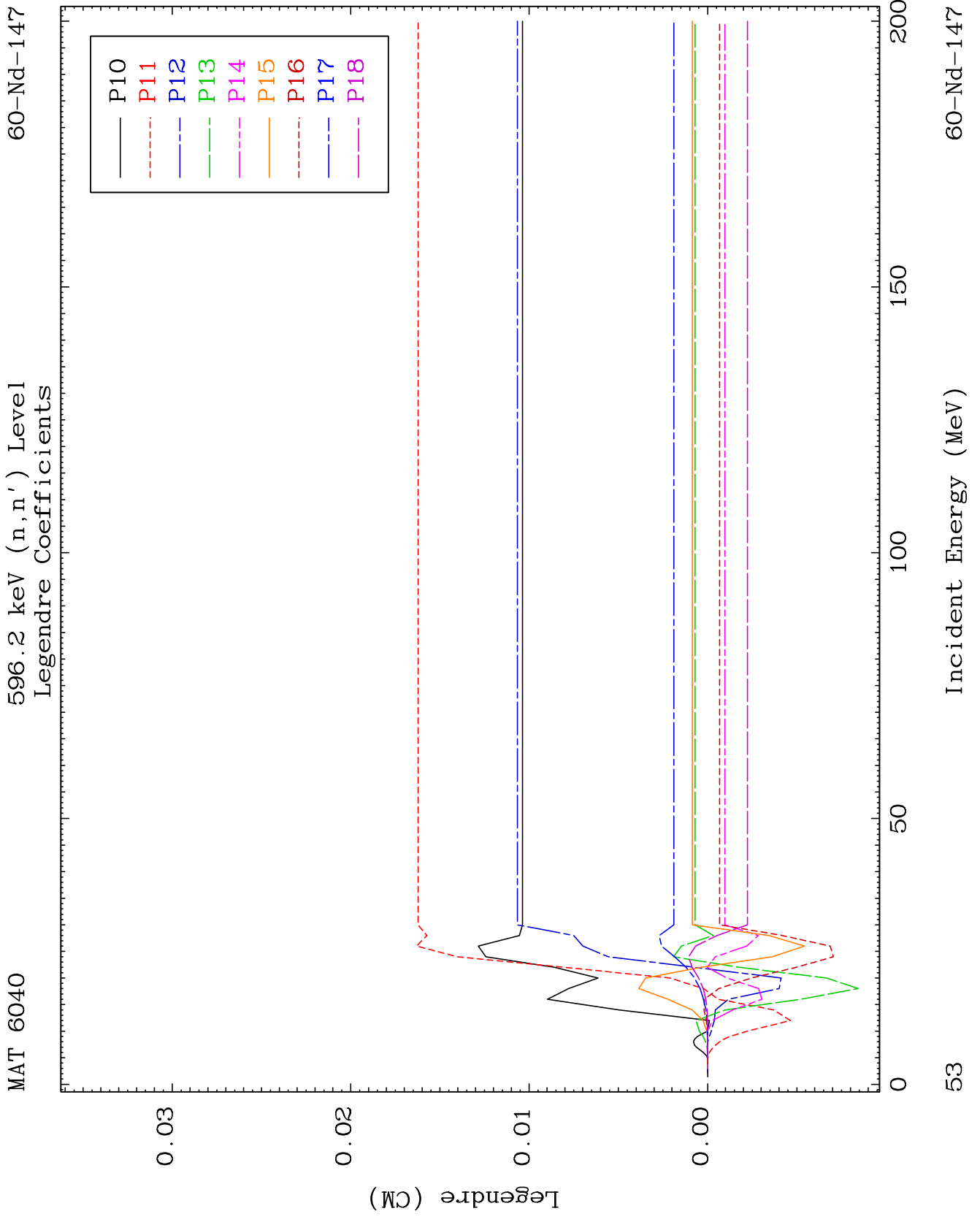
150

200

60-Nd-147



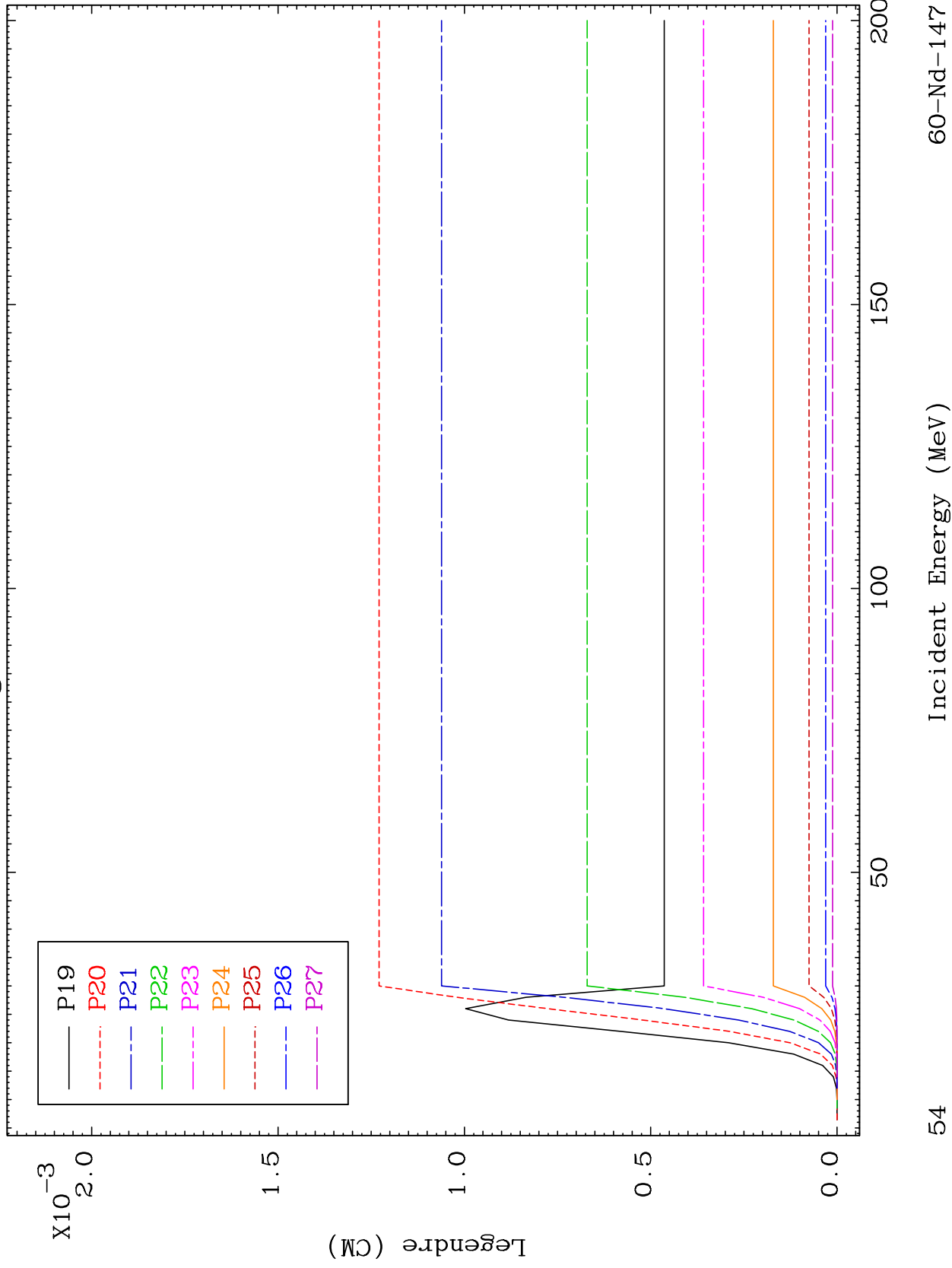




MAT 6040

596.2 keV (n,n') Level
Legendre Coefficients

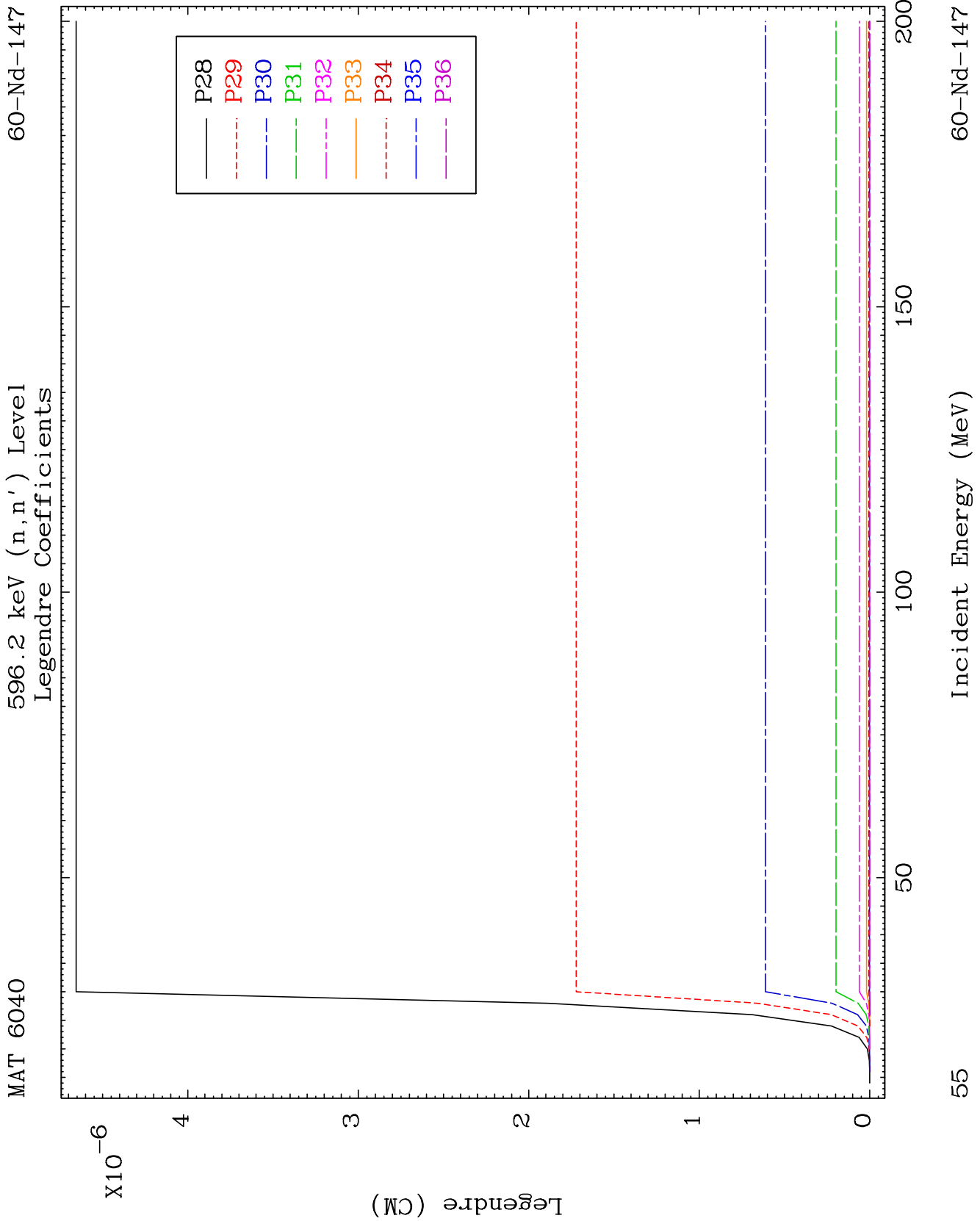
60-Nd-147

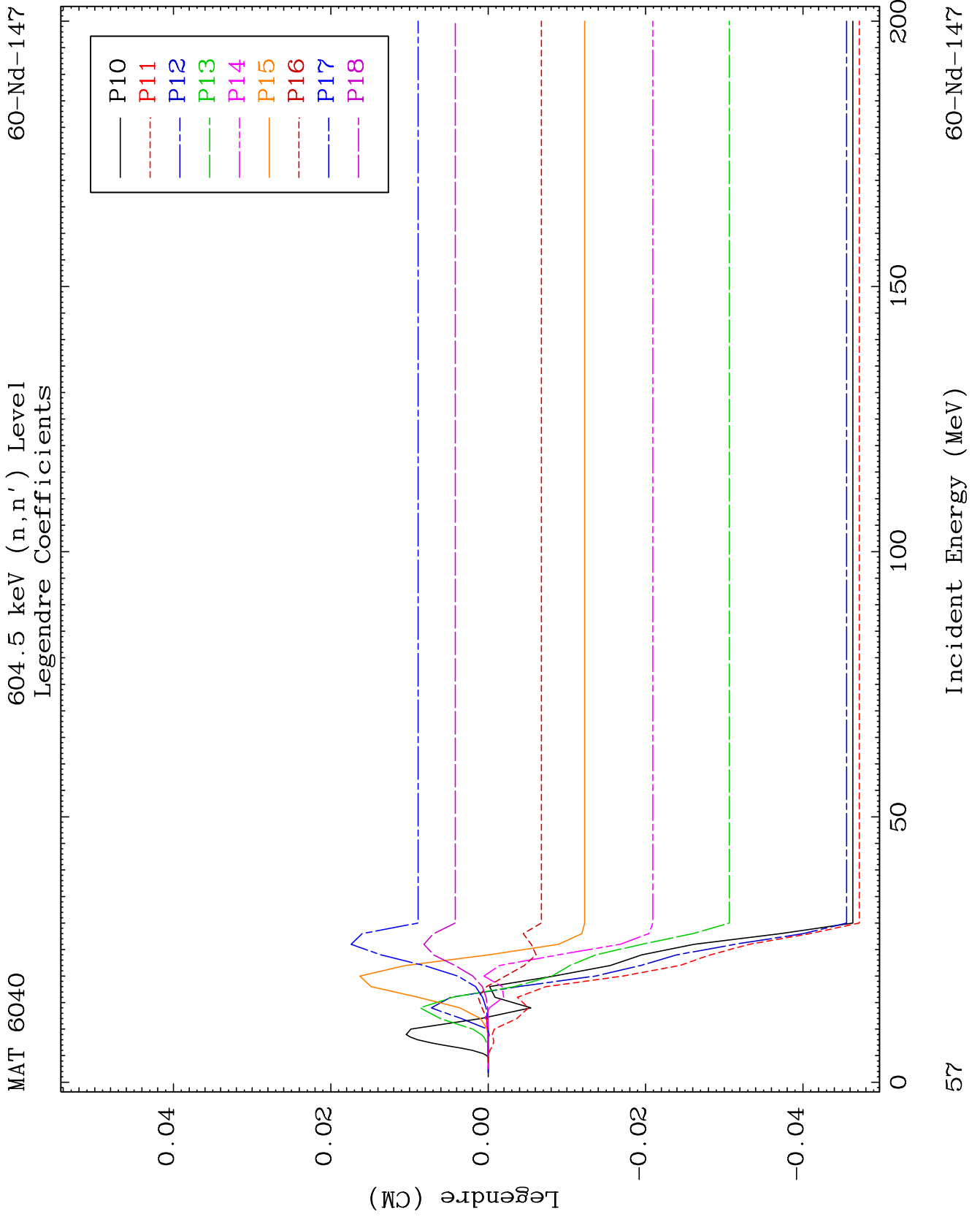


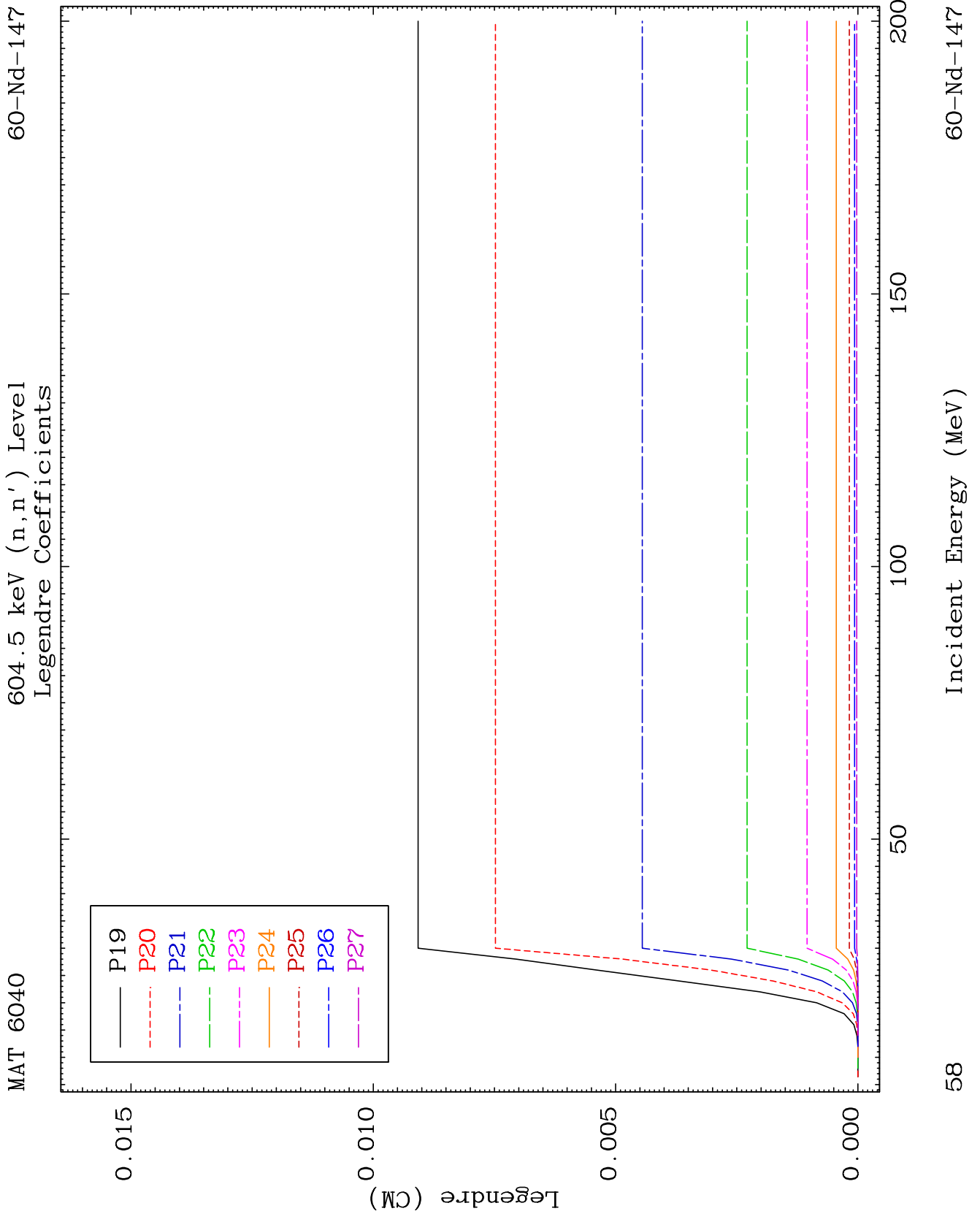
54

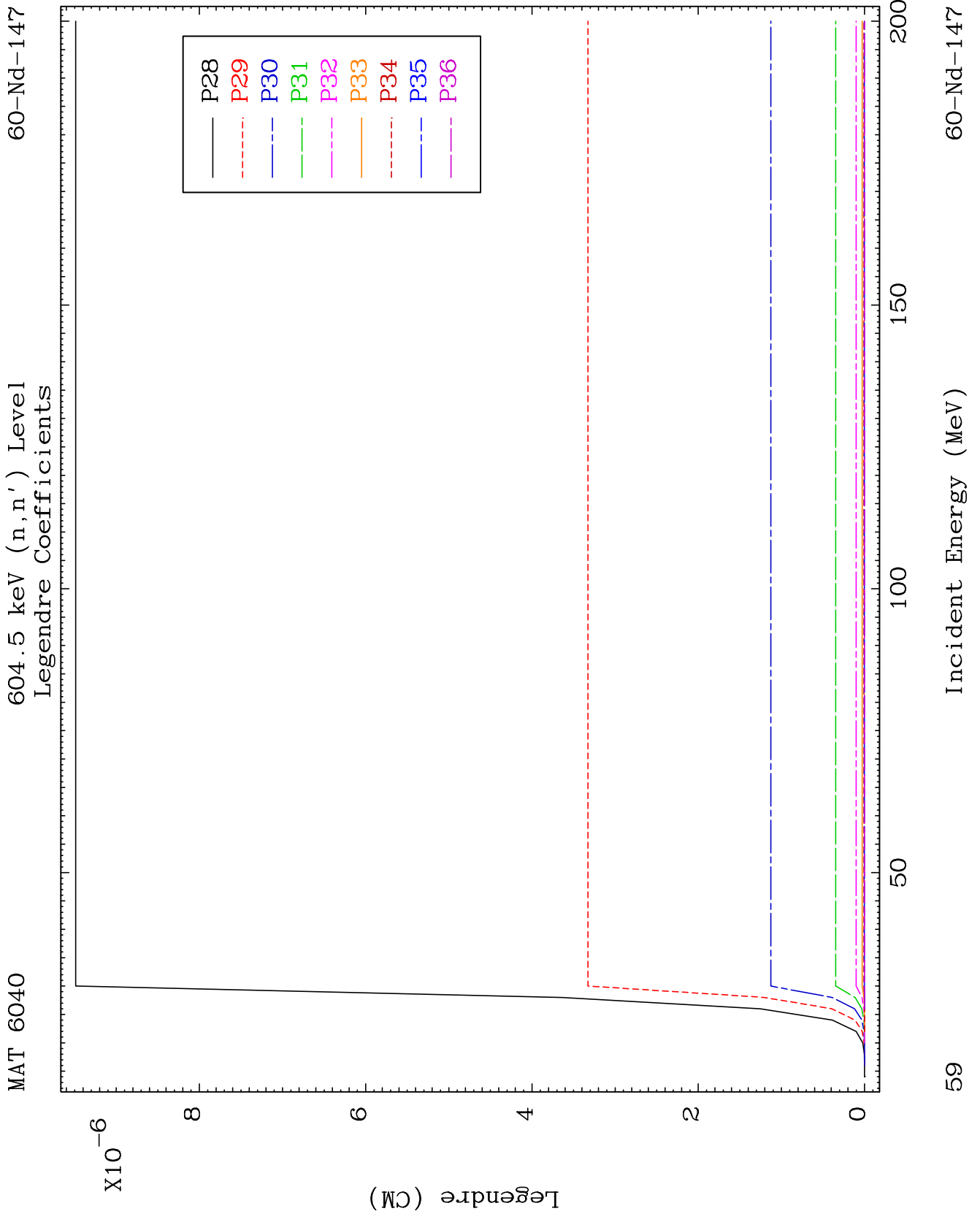
Incident Energy (MeV)

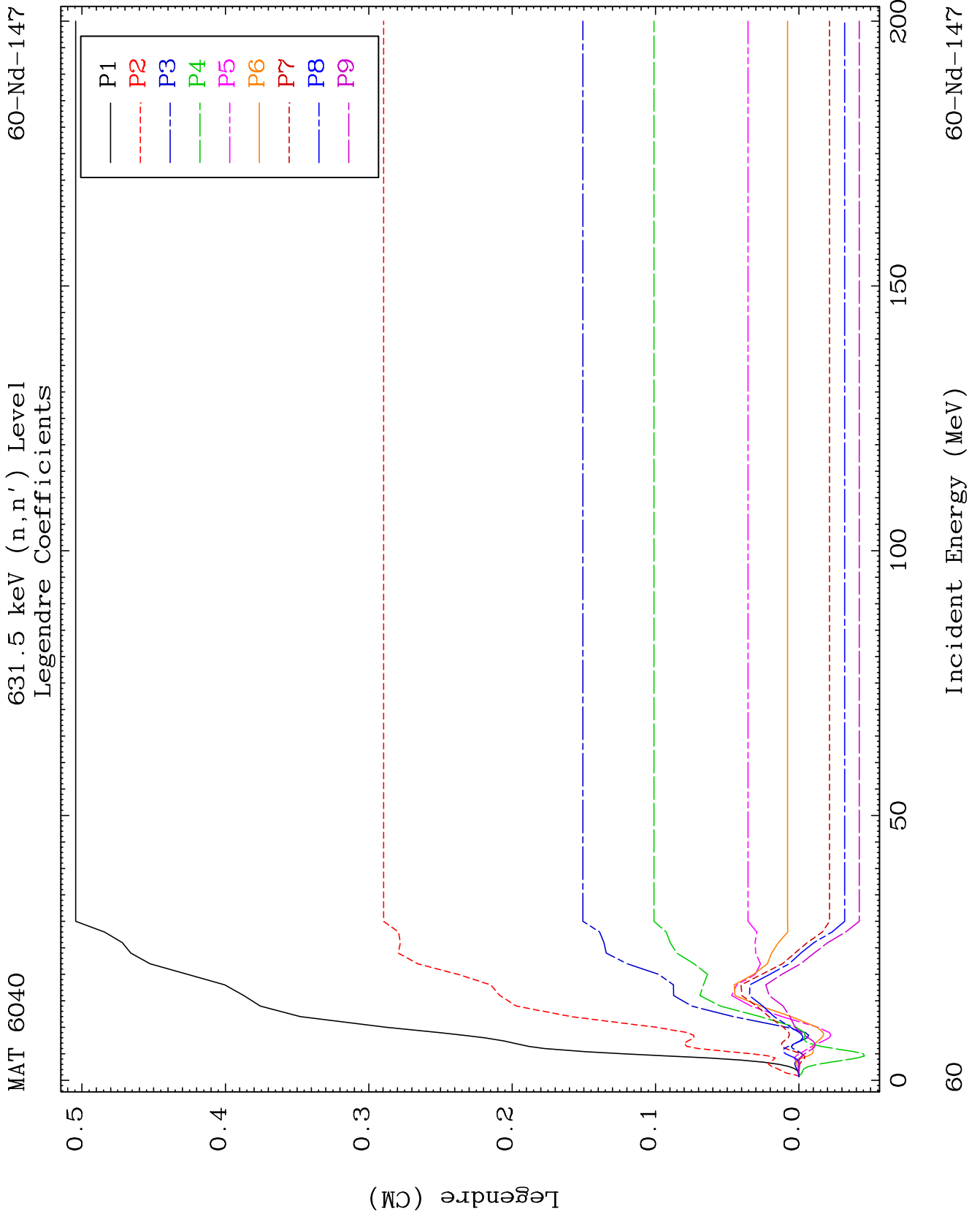
60-Nd-147







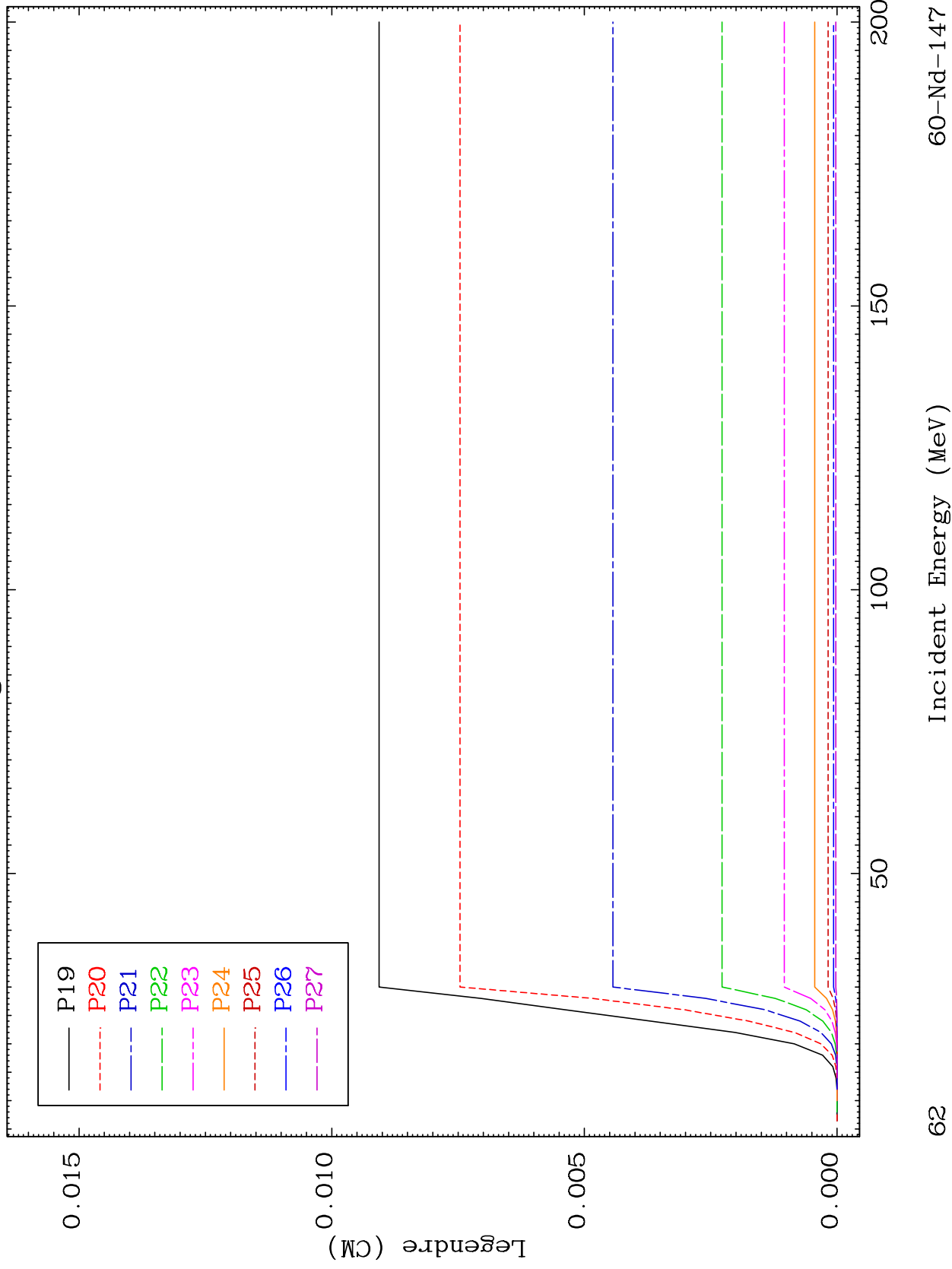




MAT 6040

631.5 keV (n,n') Level
Legendre Coefficients

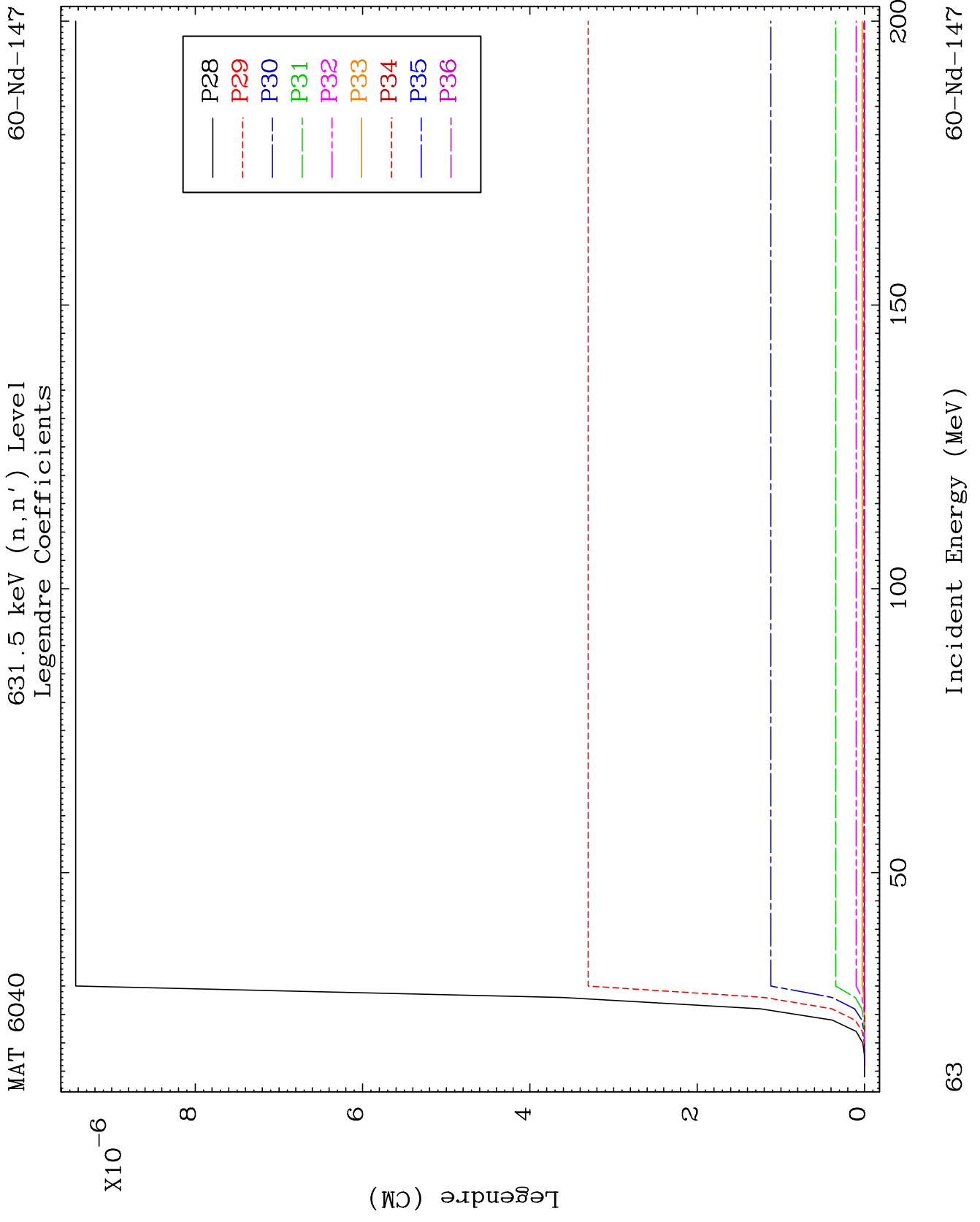
60-Nd-147

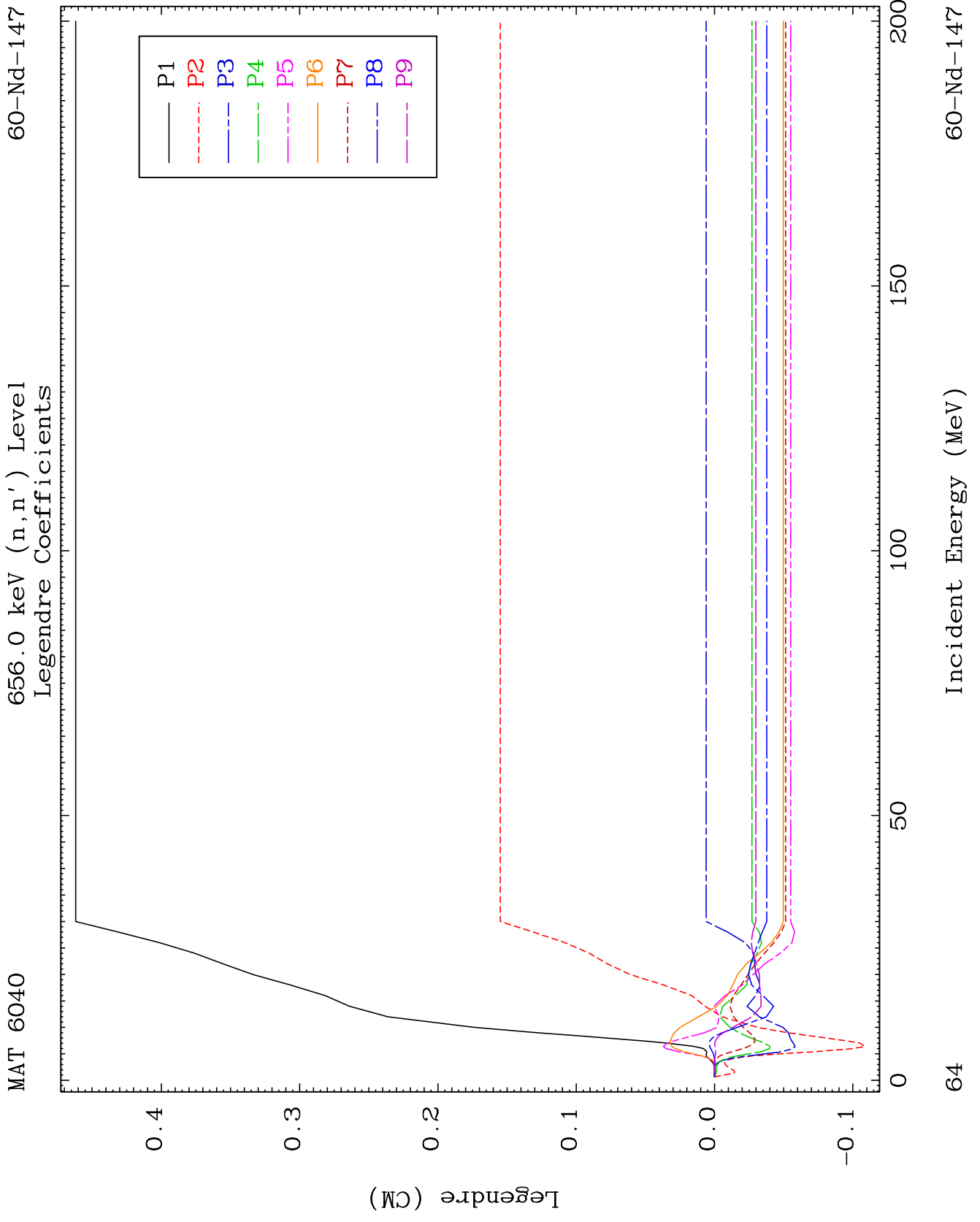


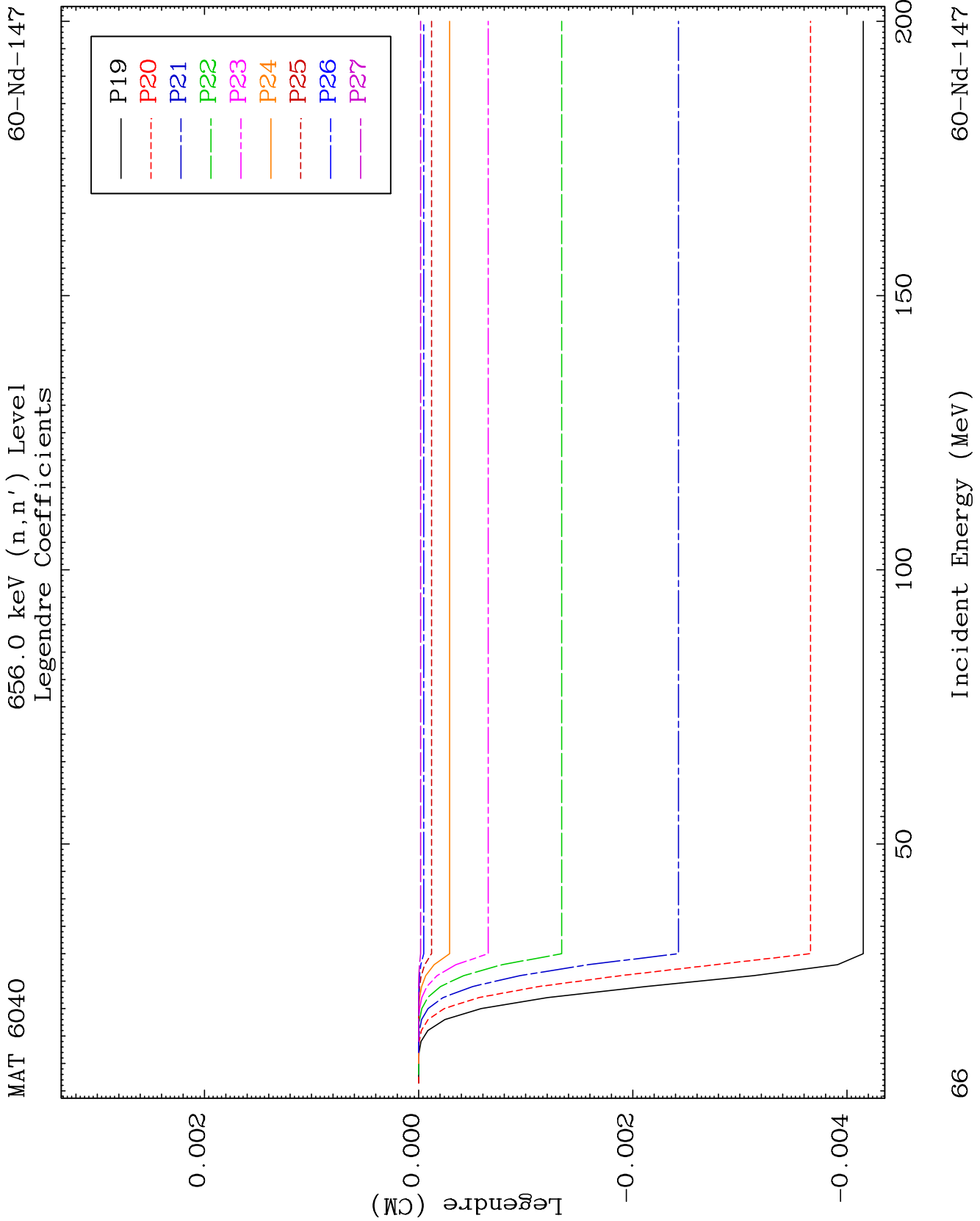
60-Nd-147

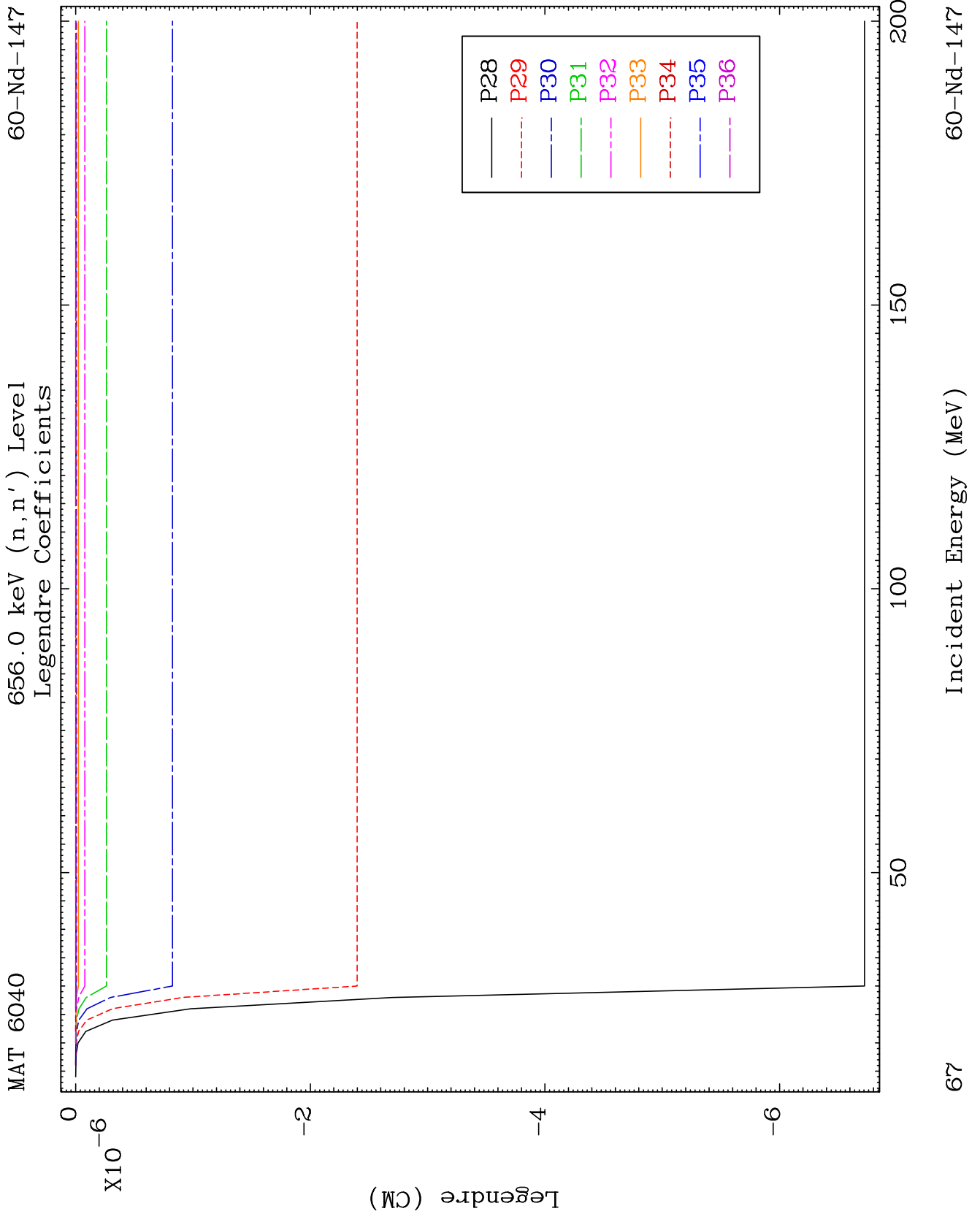
Incident Energy (MeV)

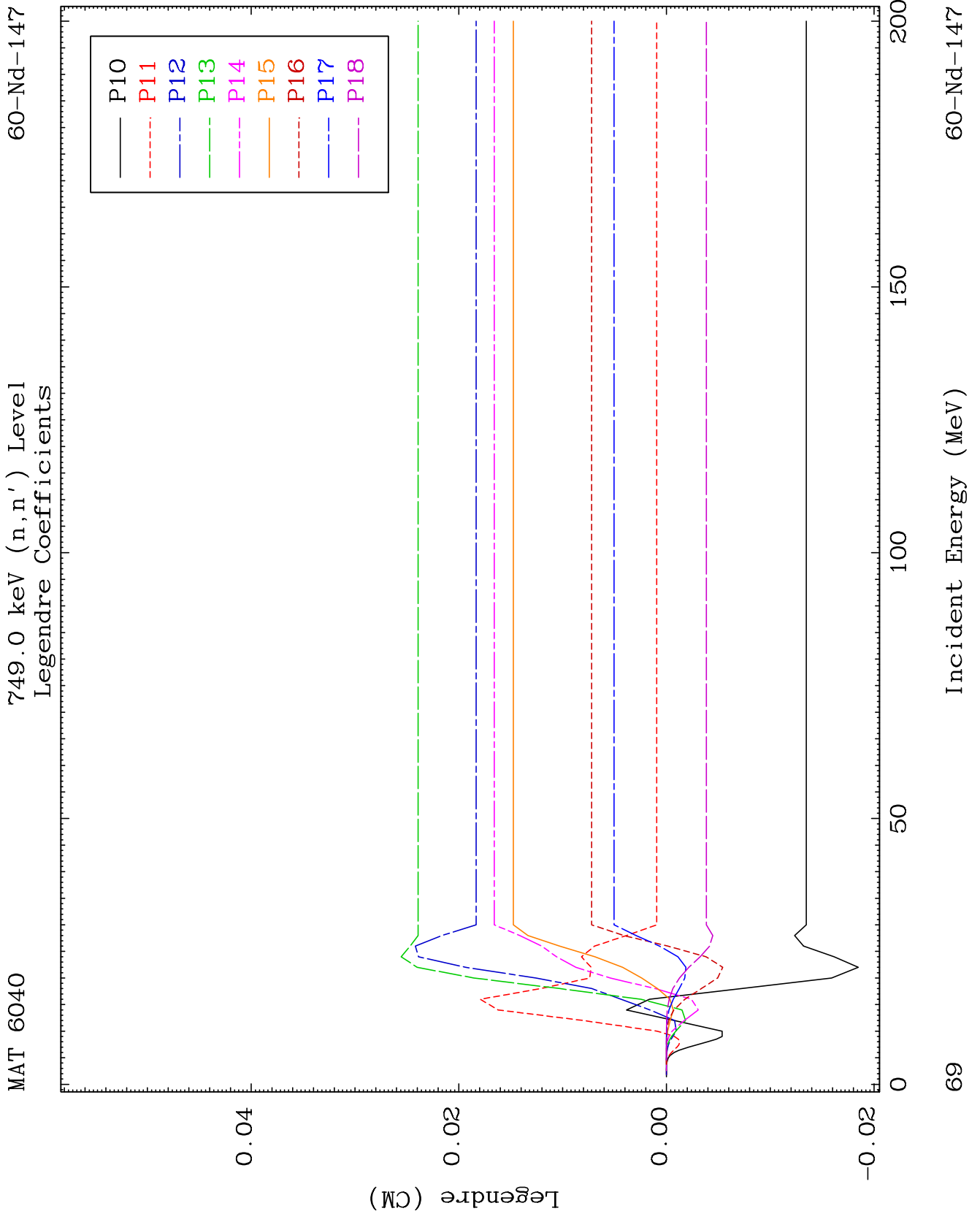
62

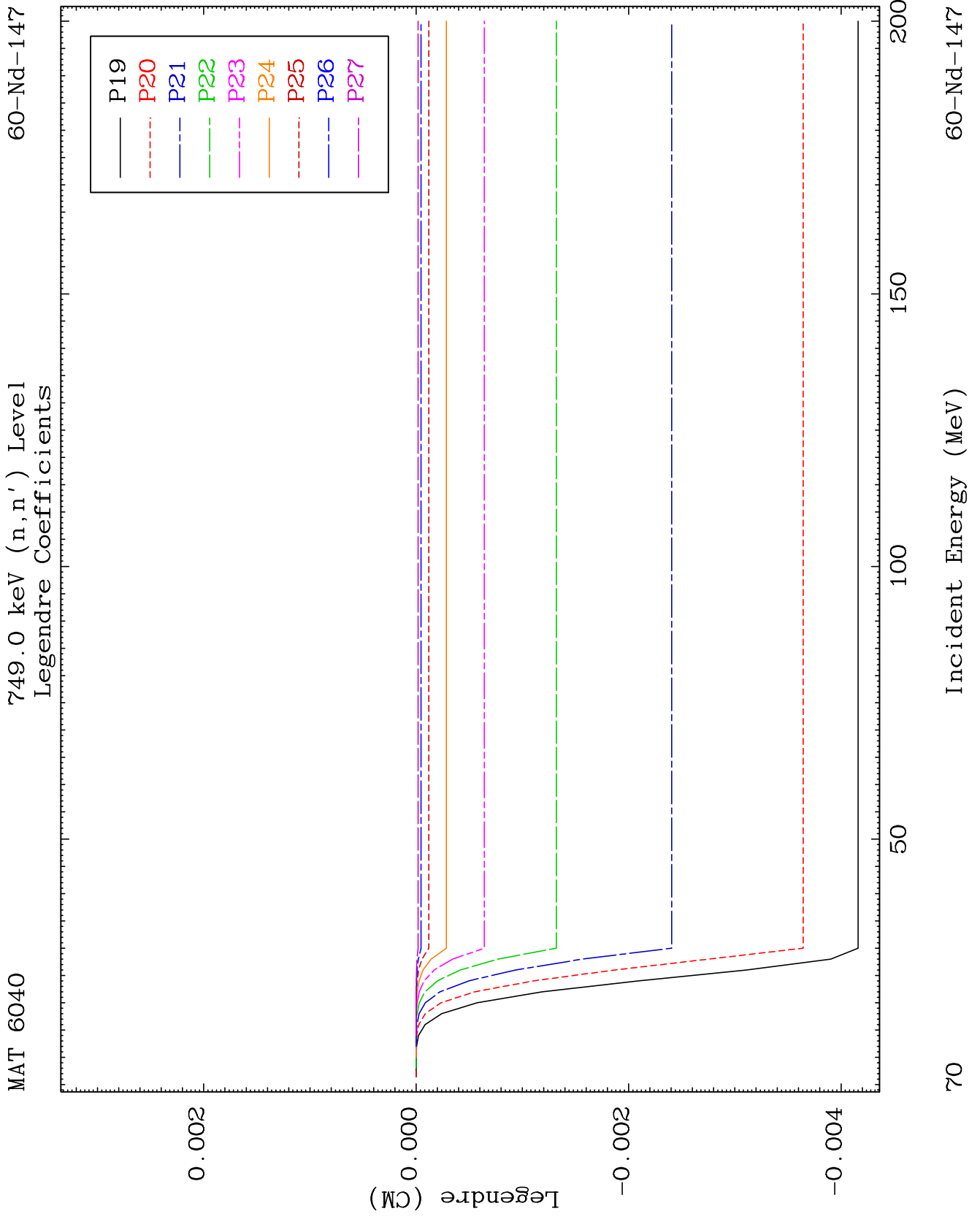


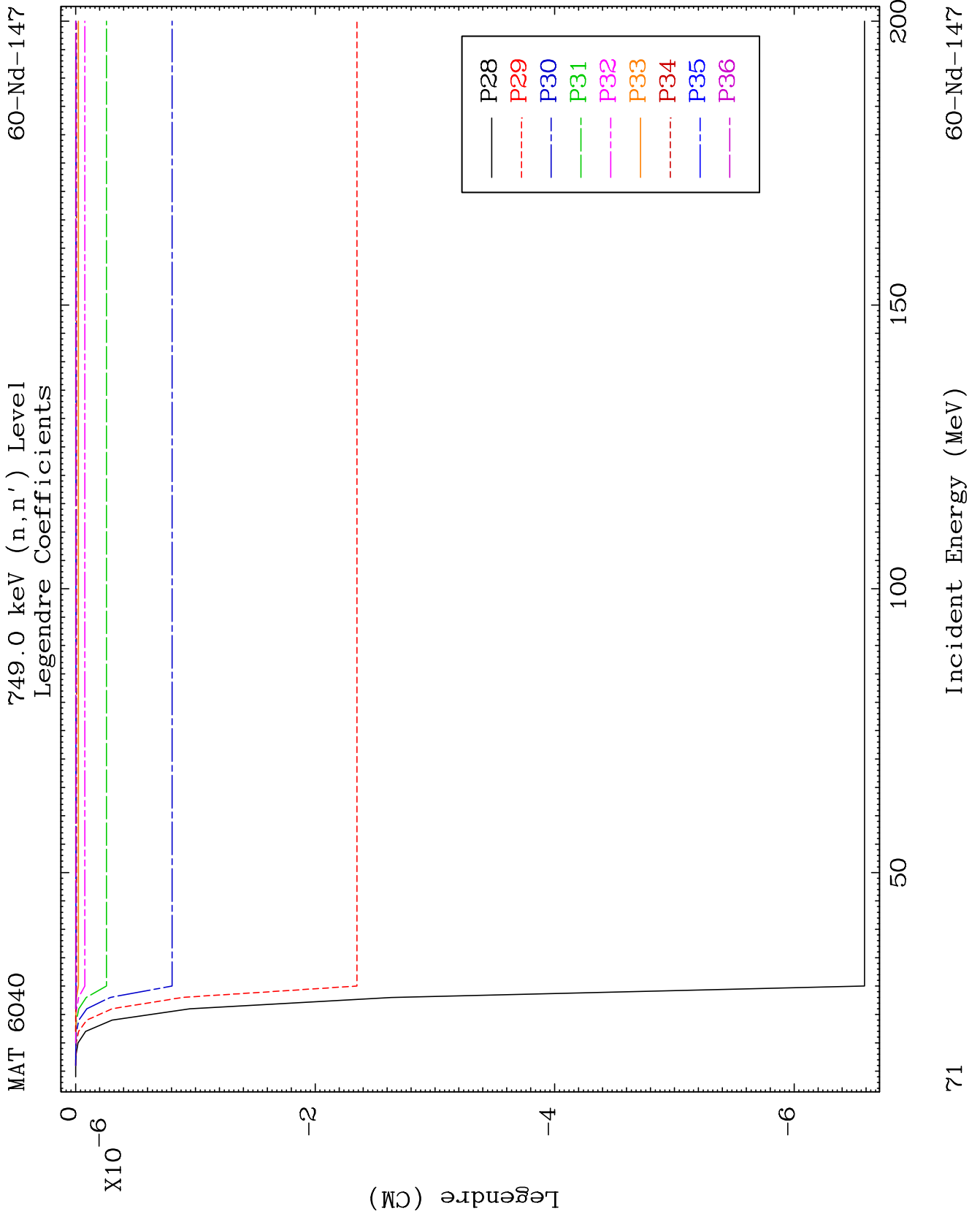


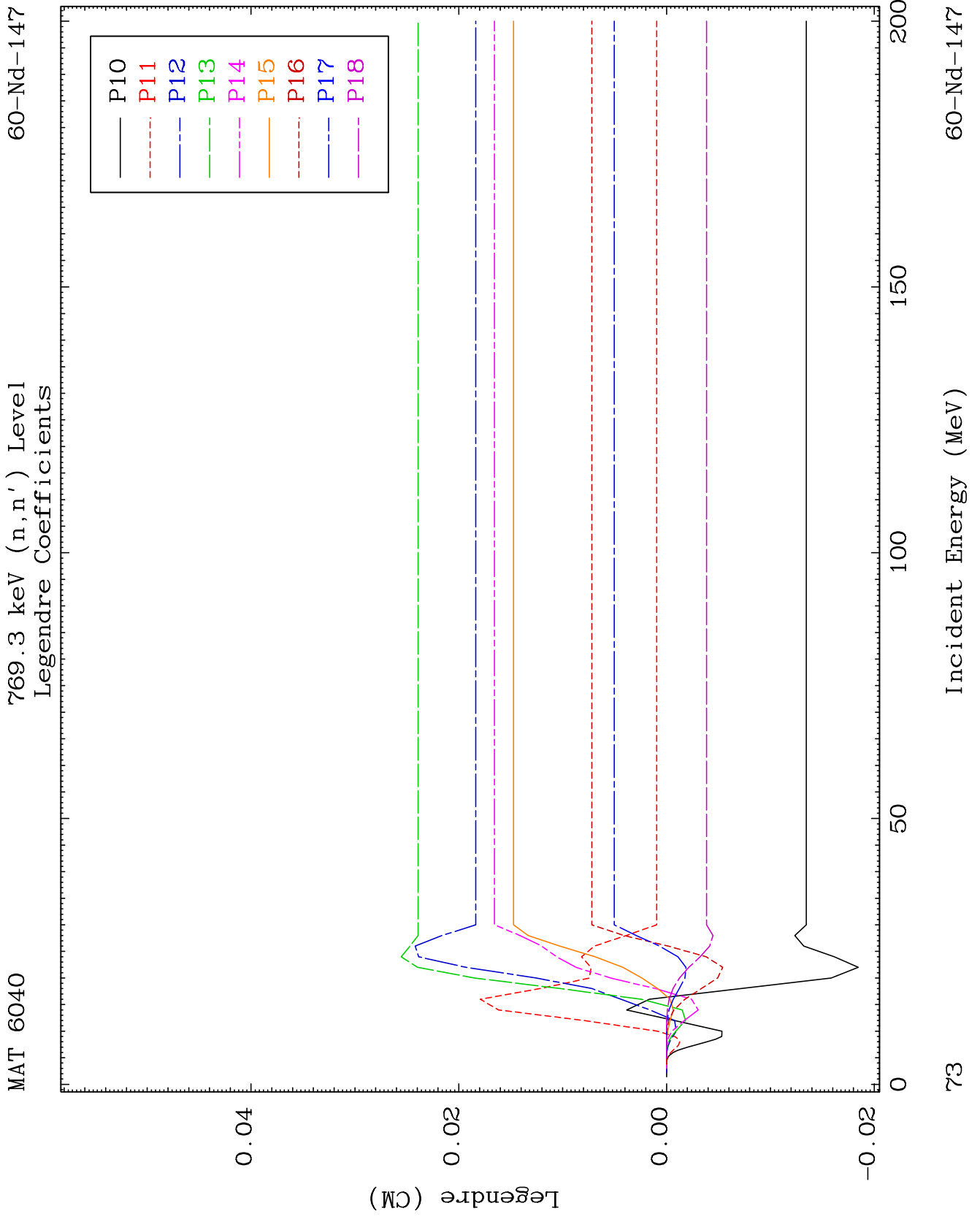


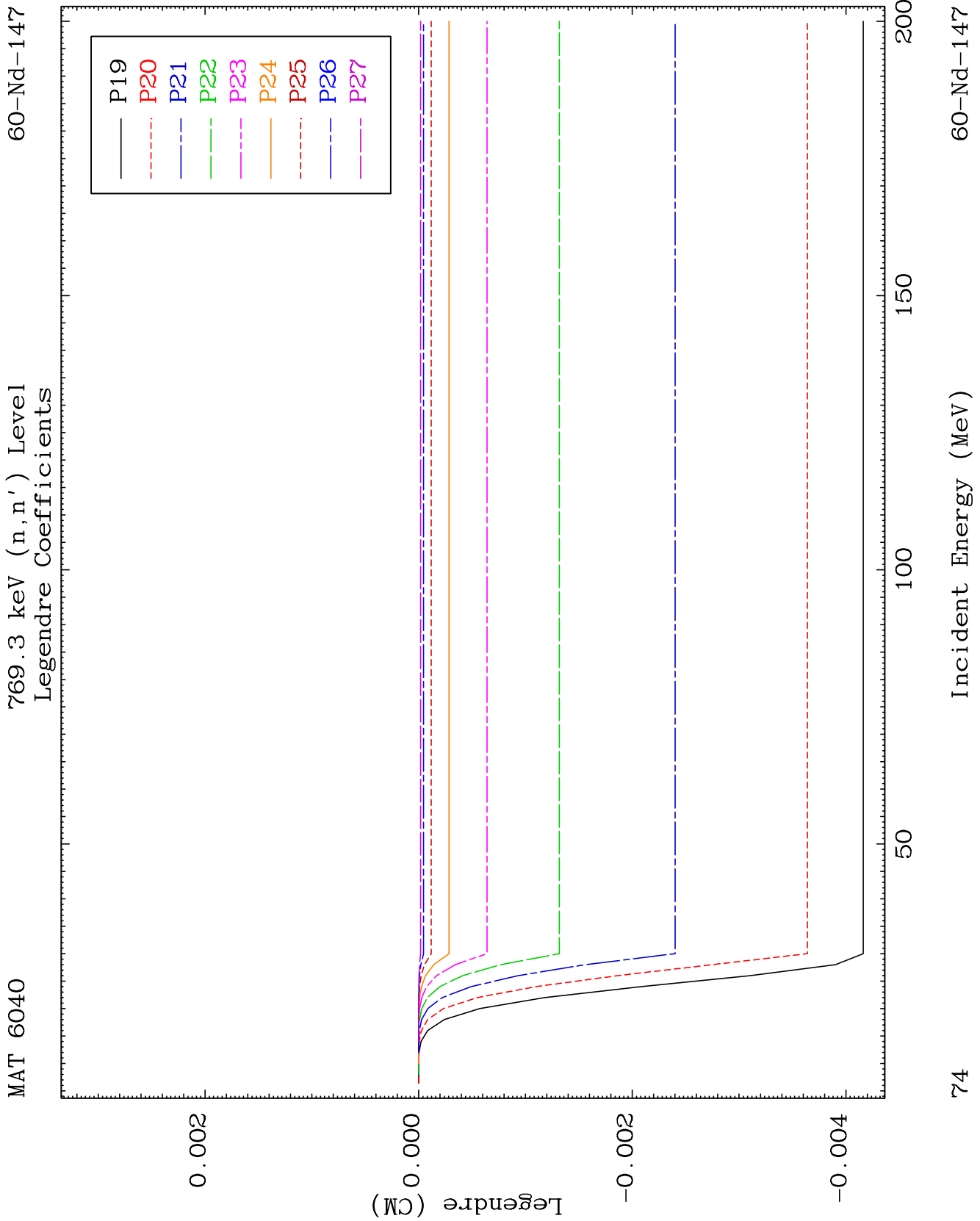


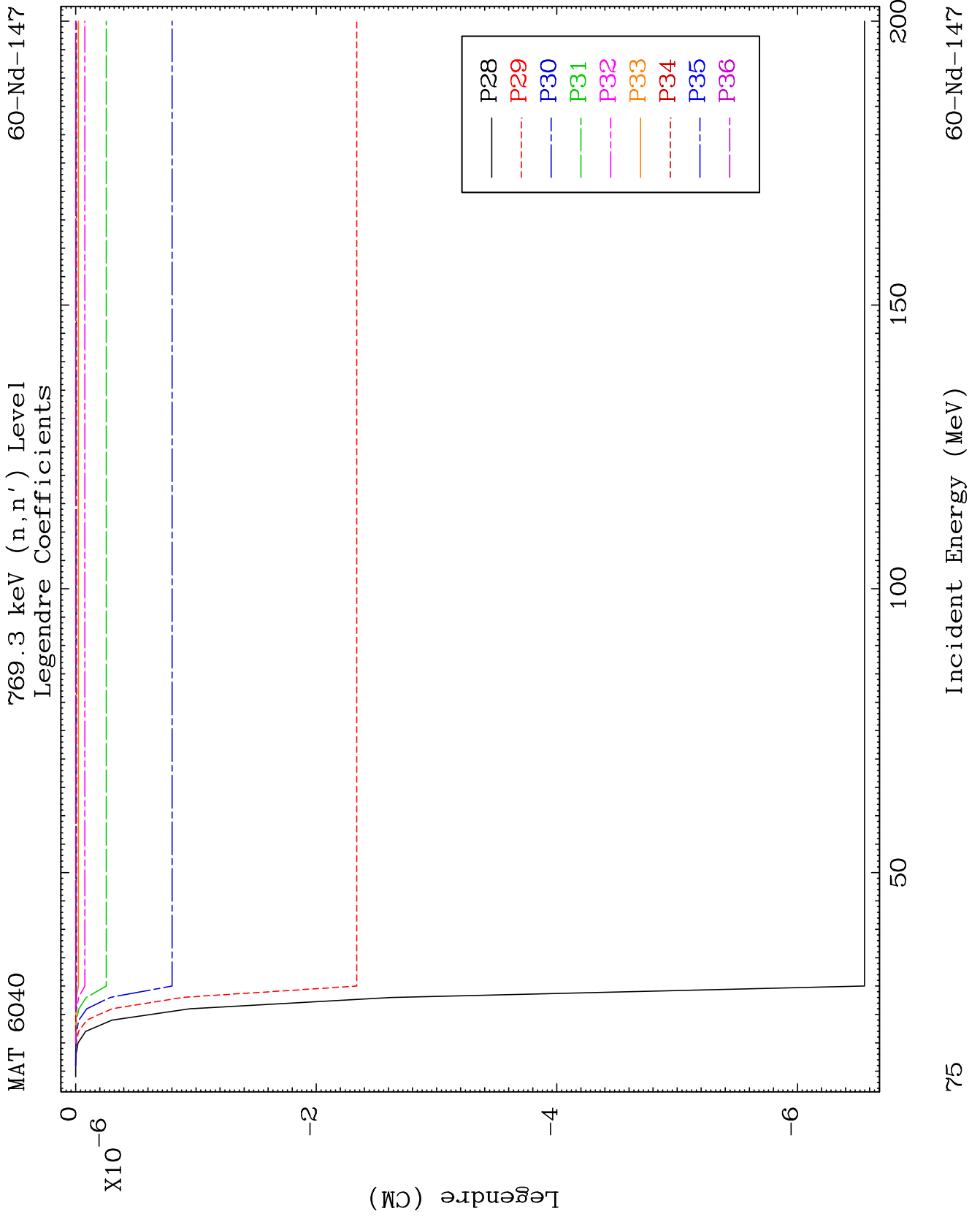


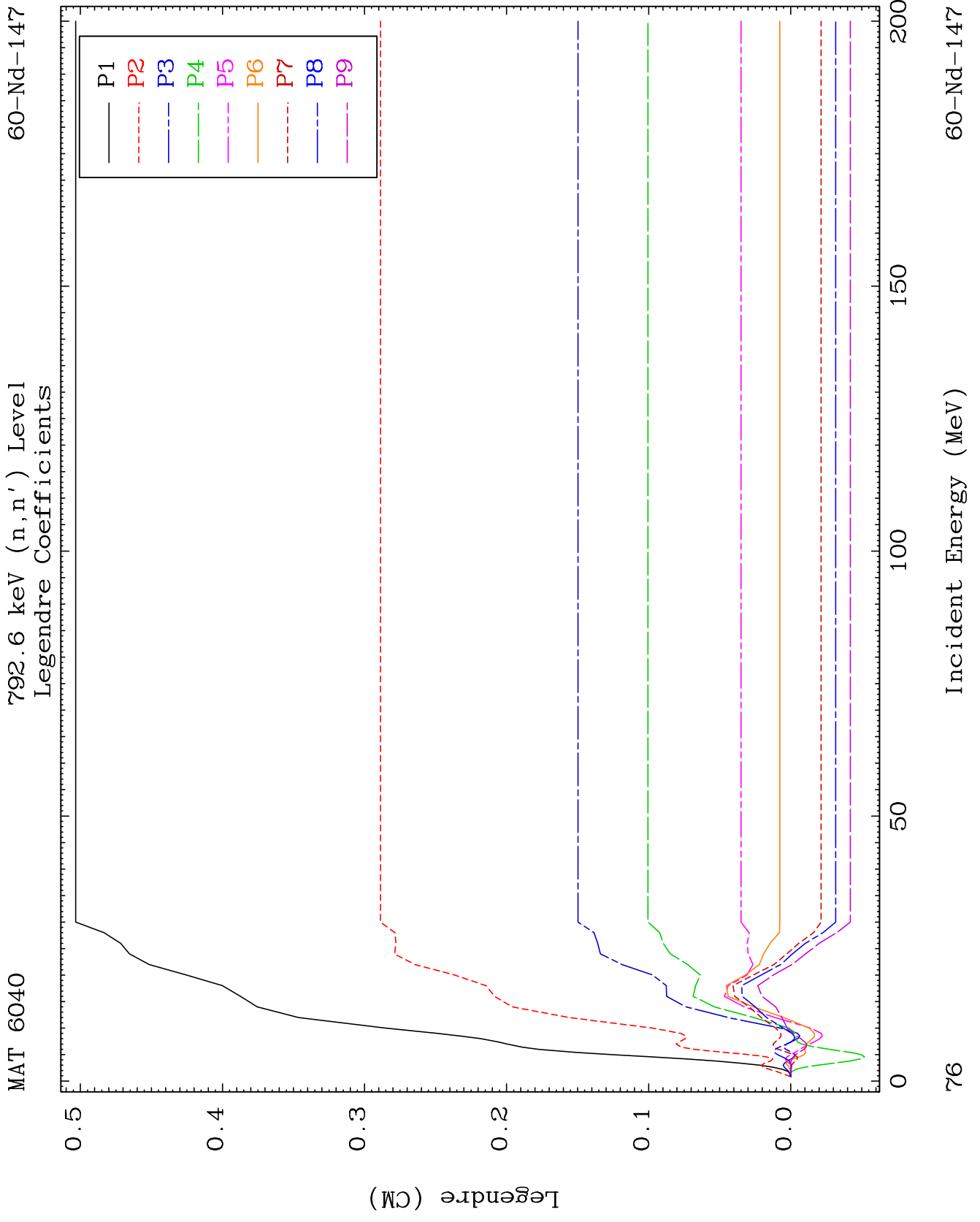








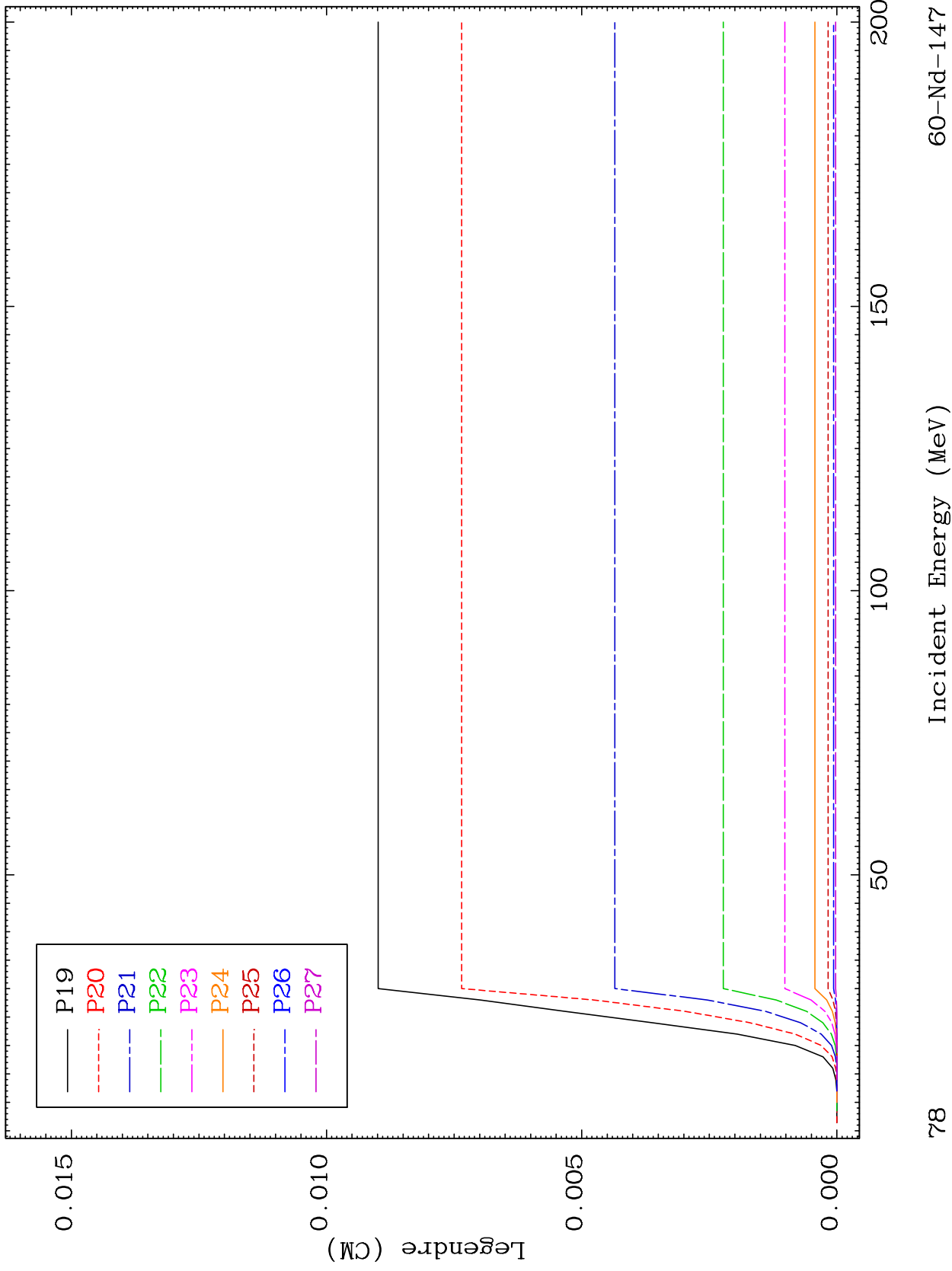




MAT 6040

792.6 keV (n,n') Level
Legendre Coefficients

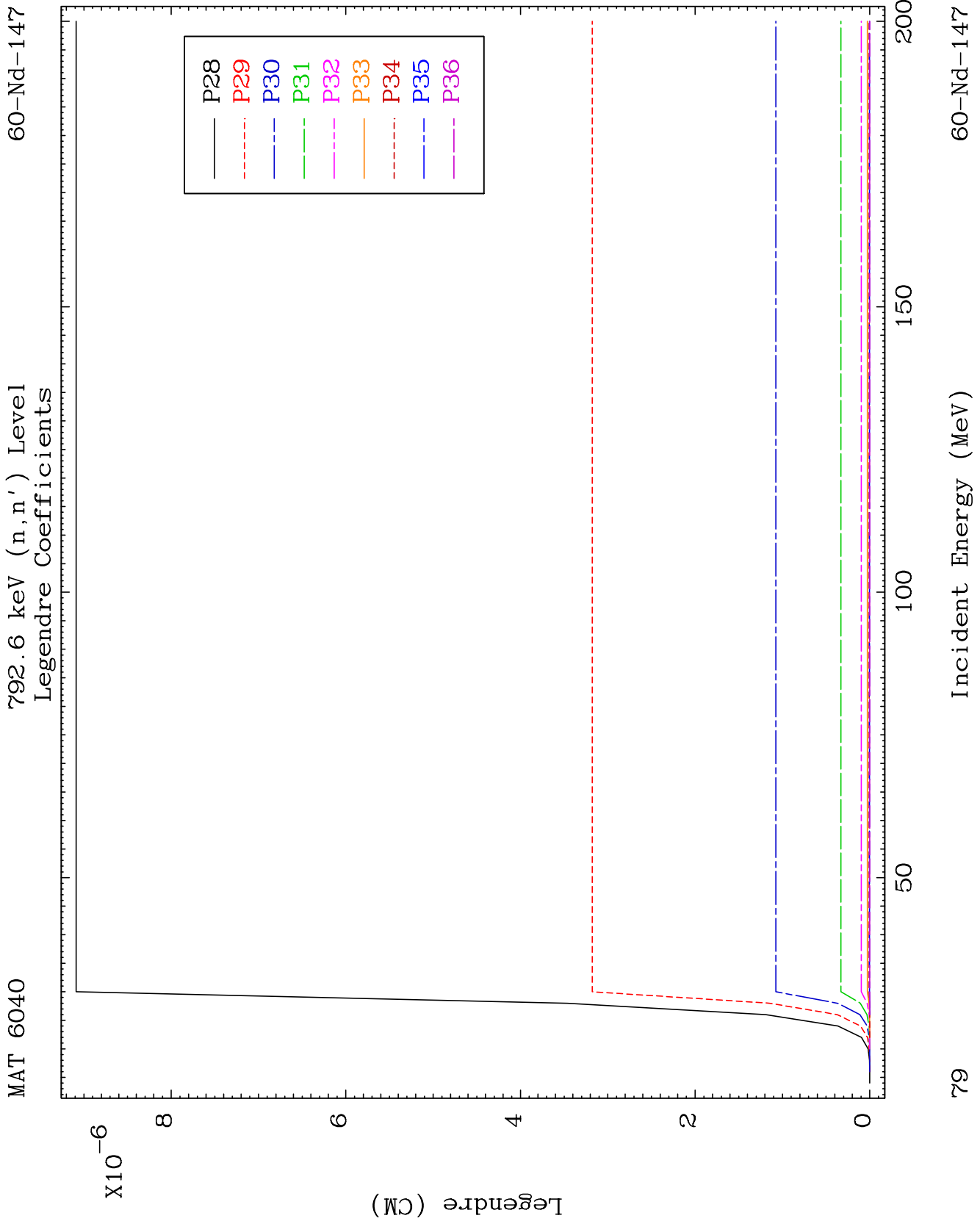
60-Nd-147

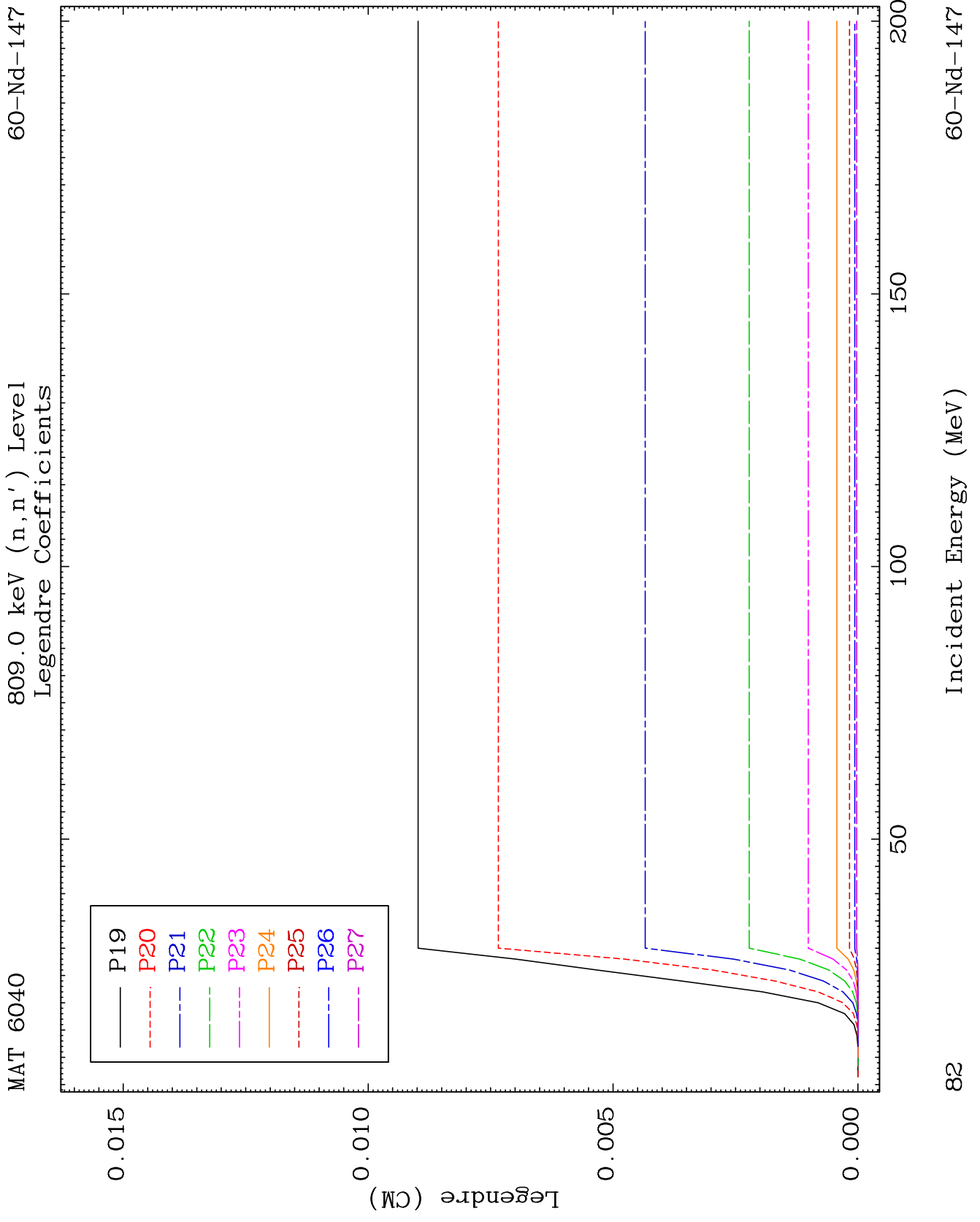


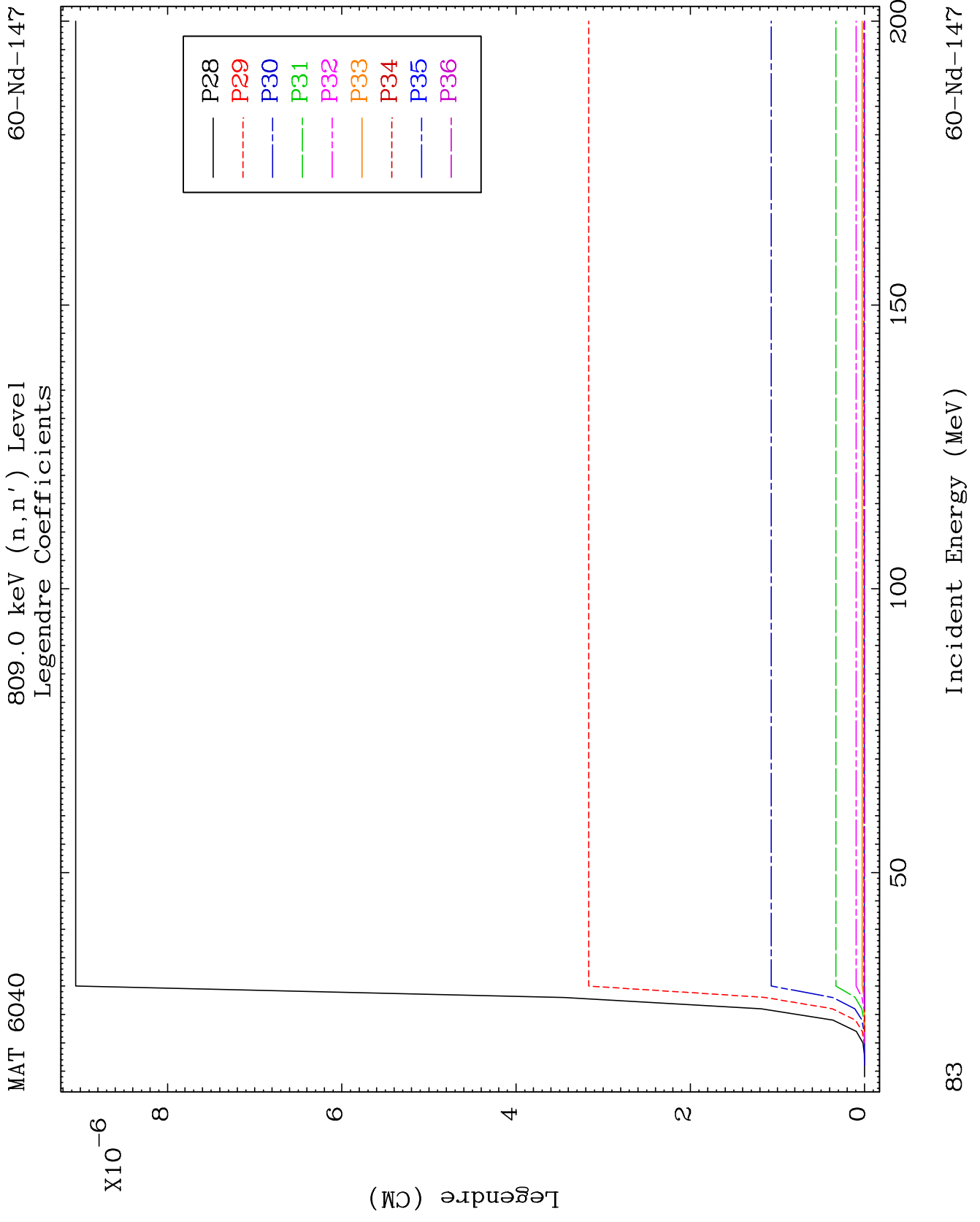
78

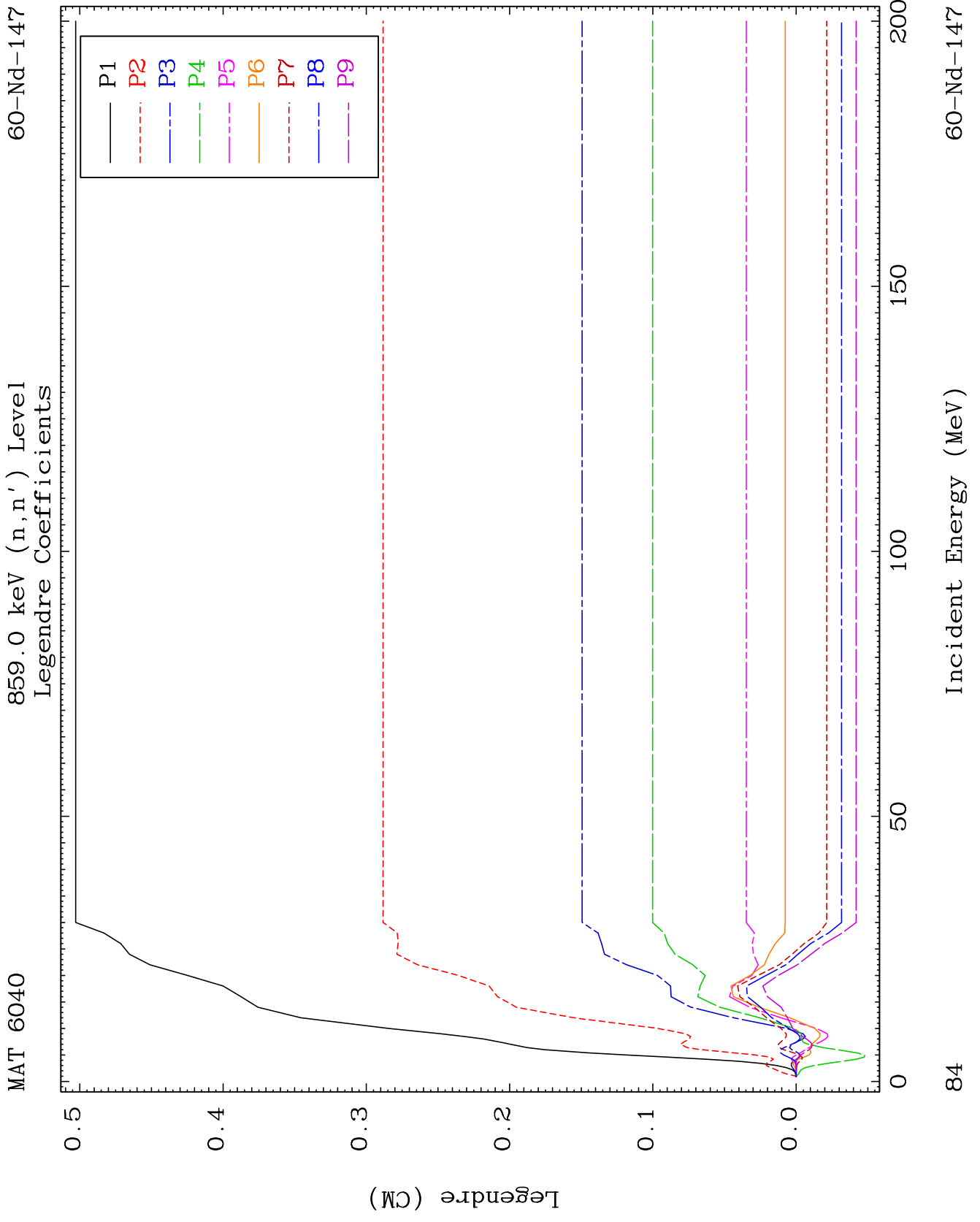
Incident Energy (MeV)

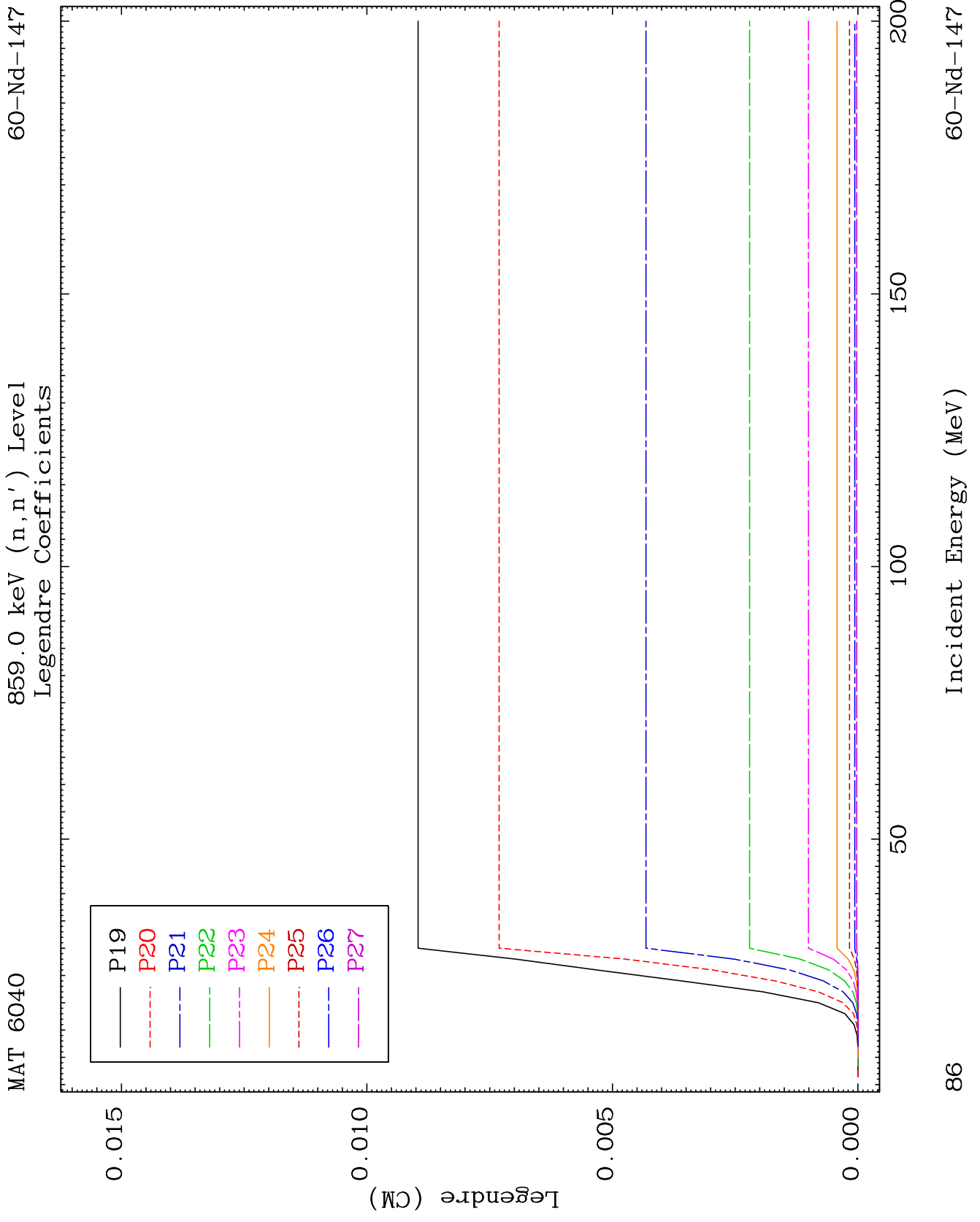
60-Nd-147

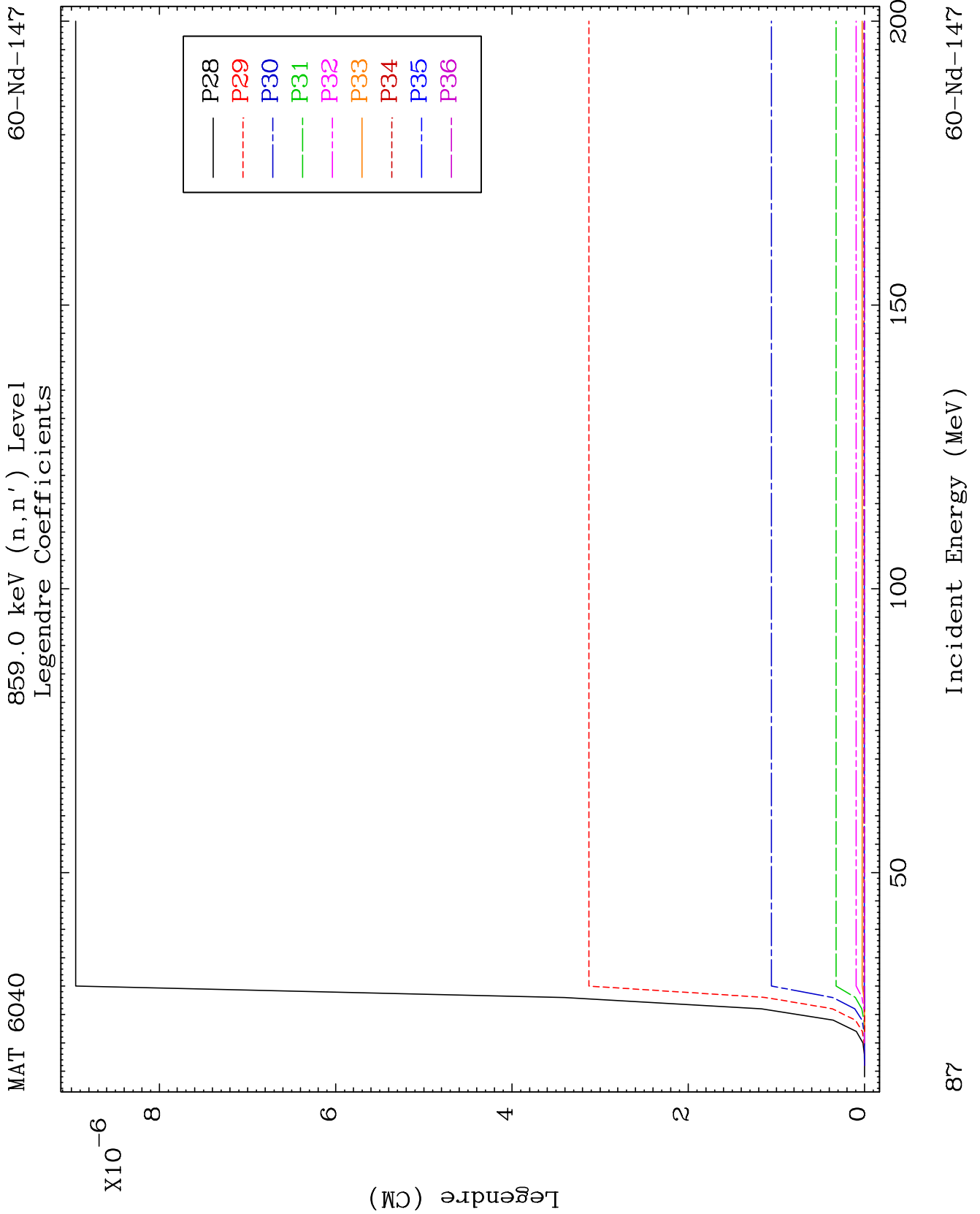


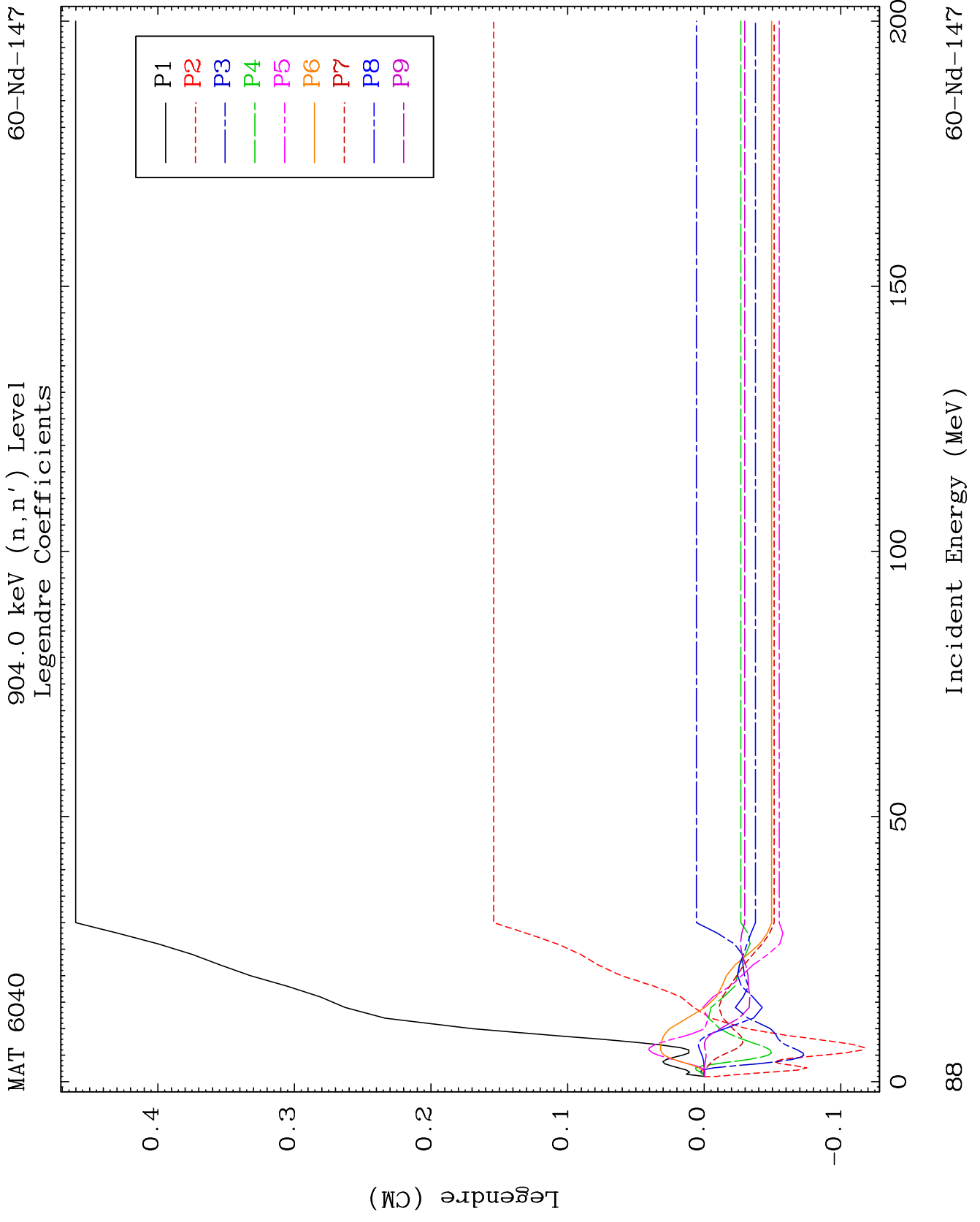


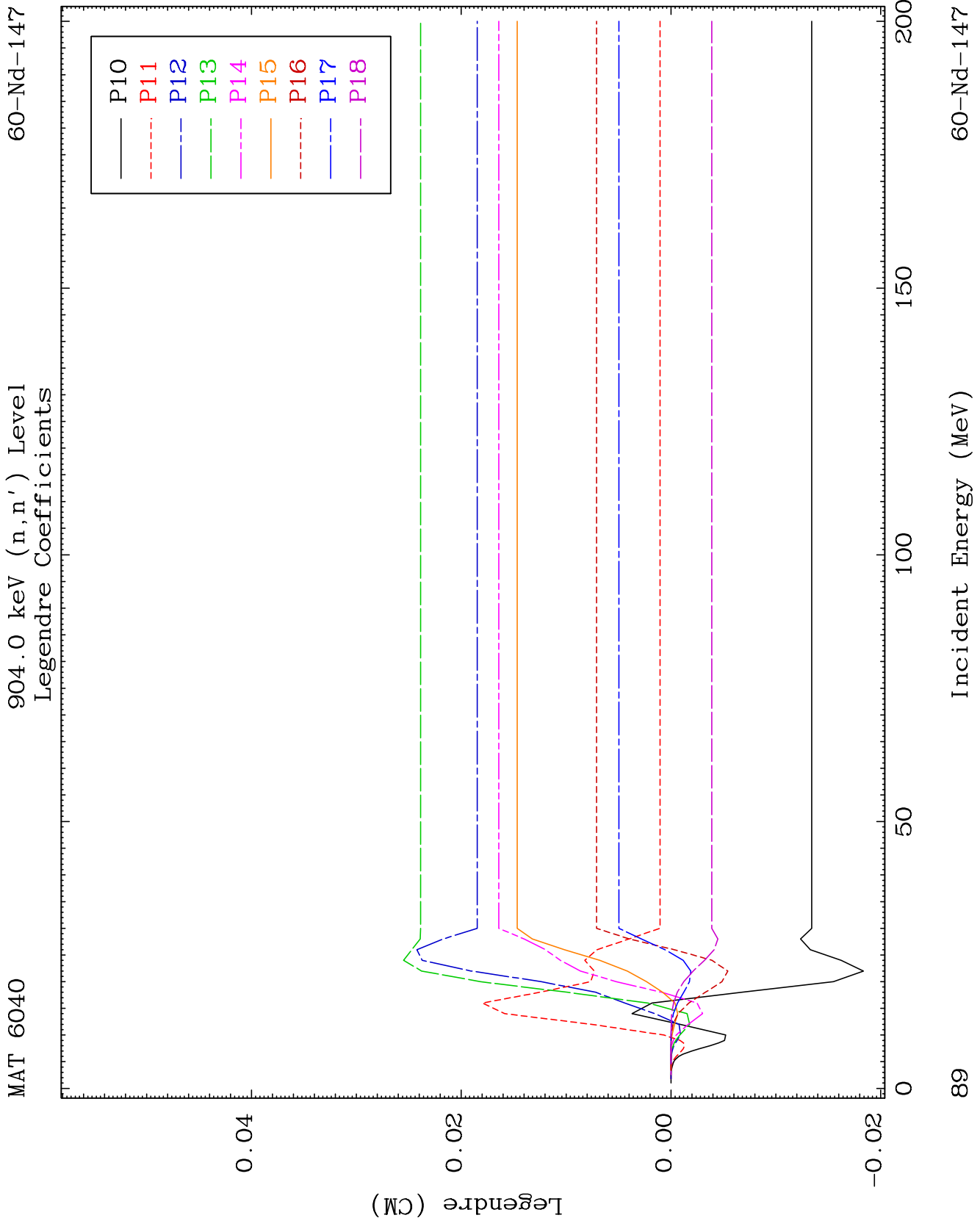


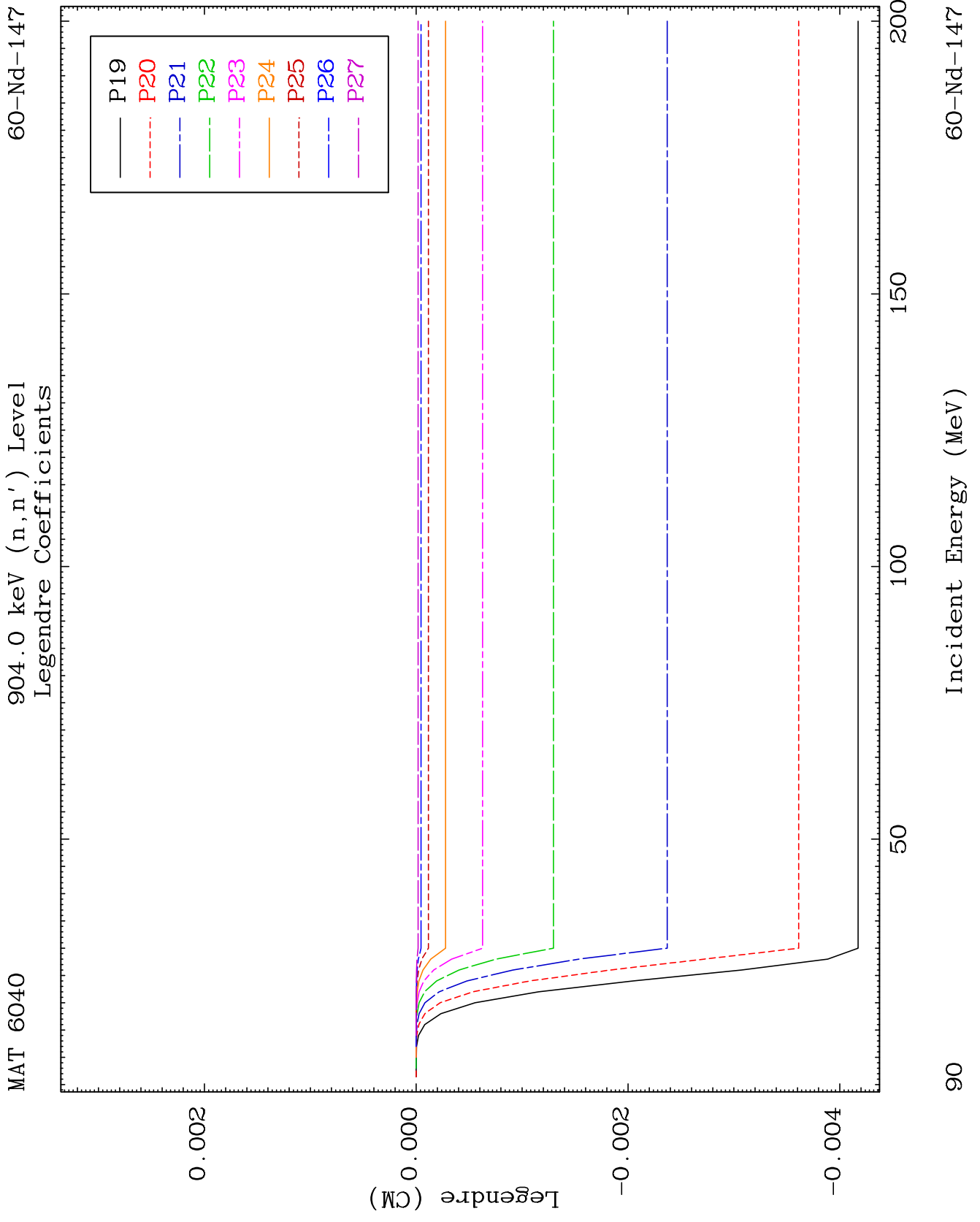


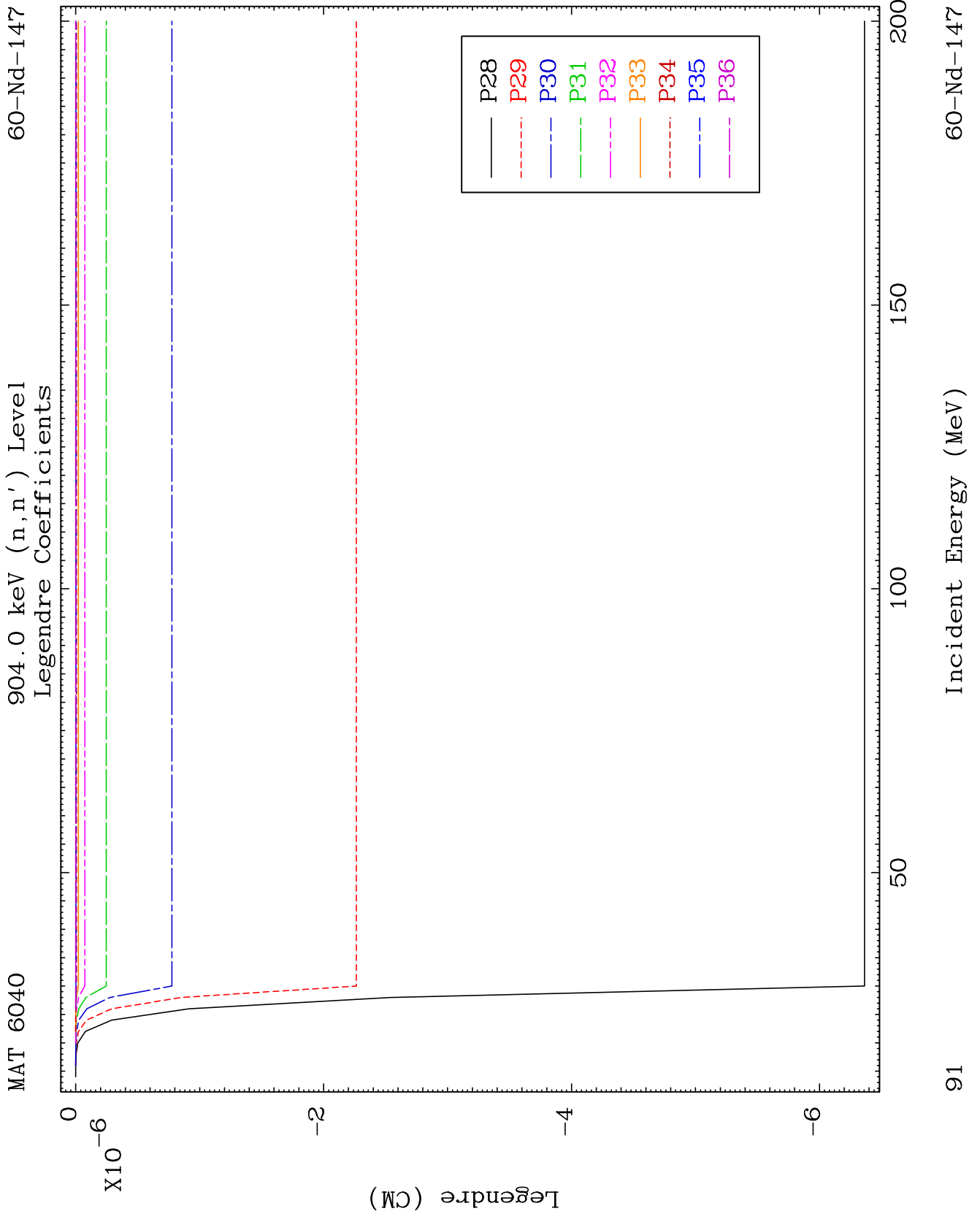


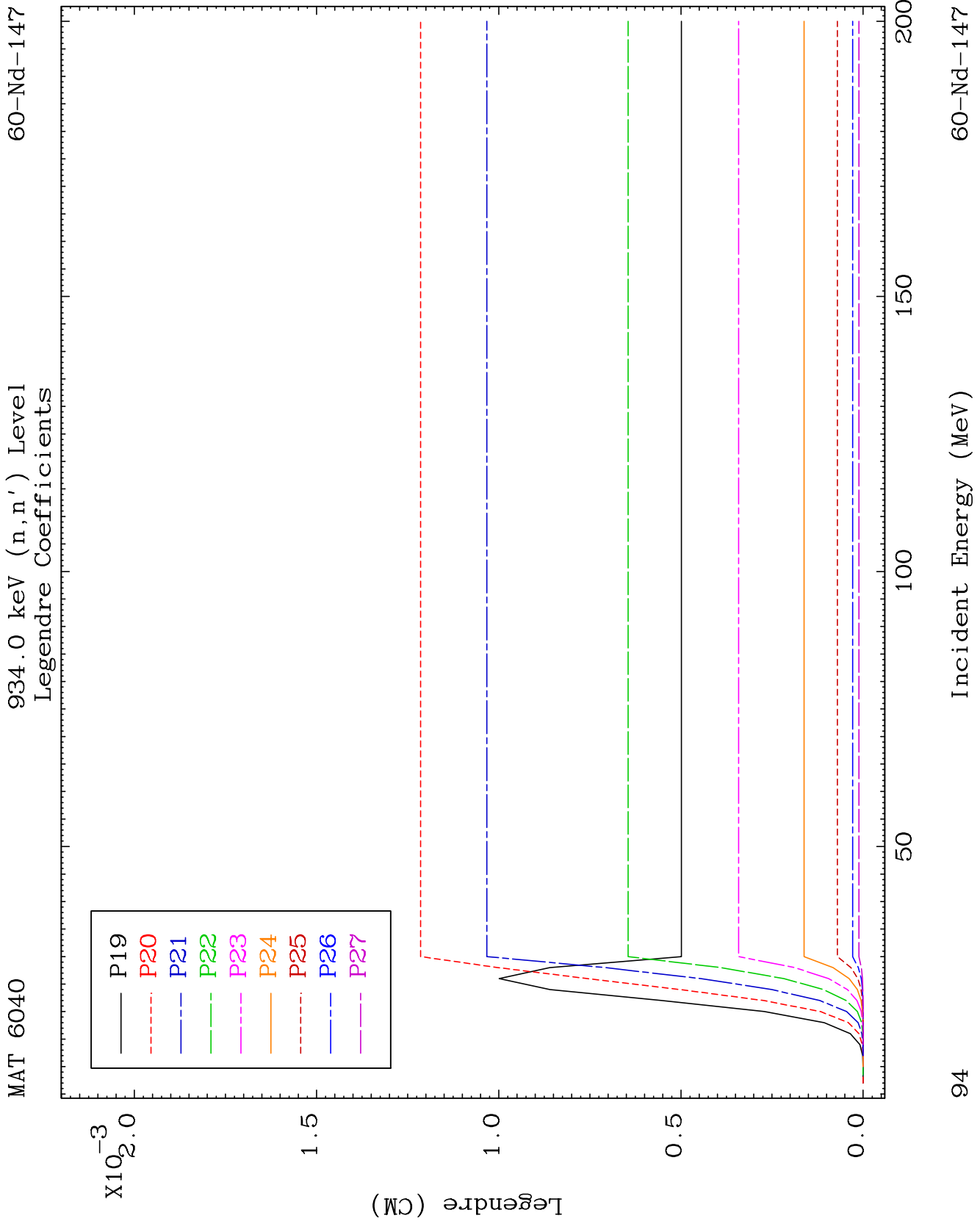


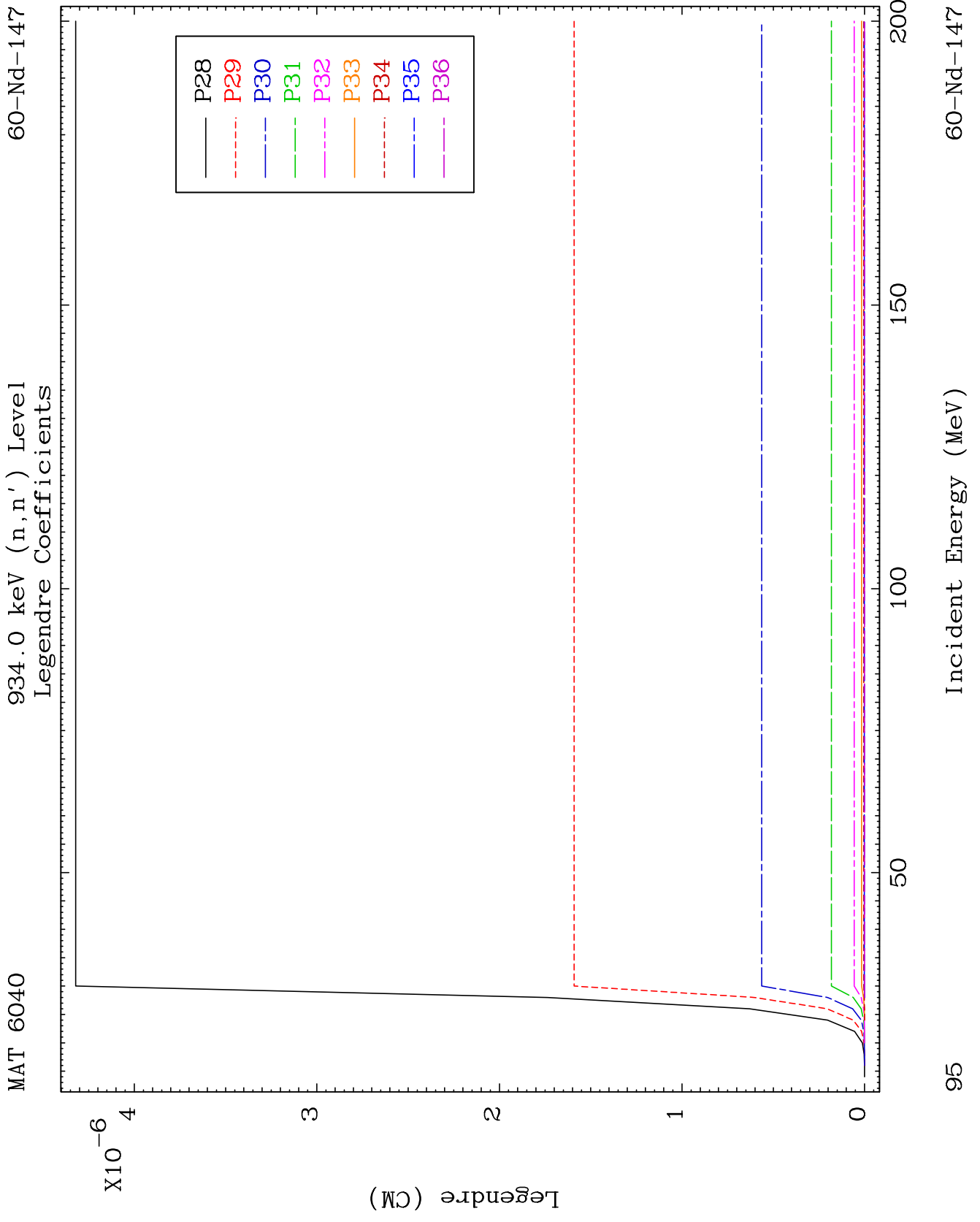


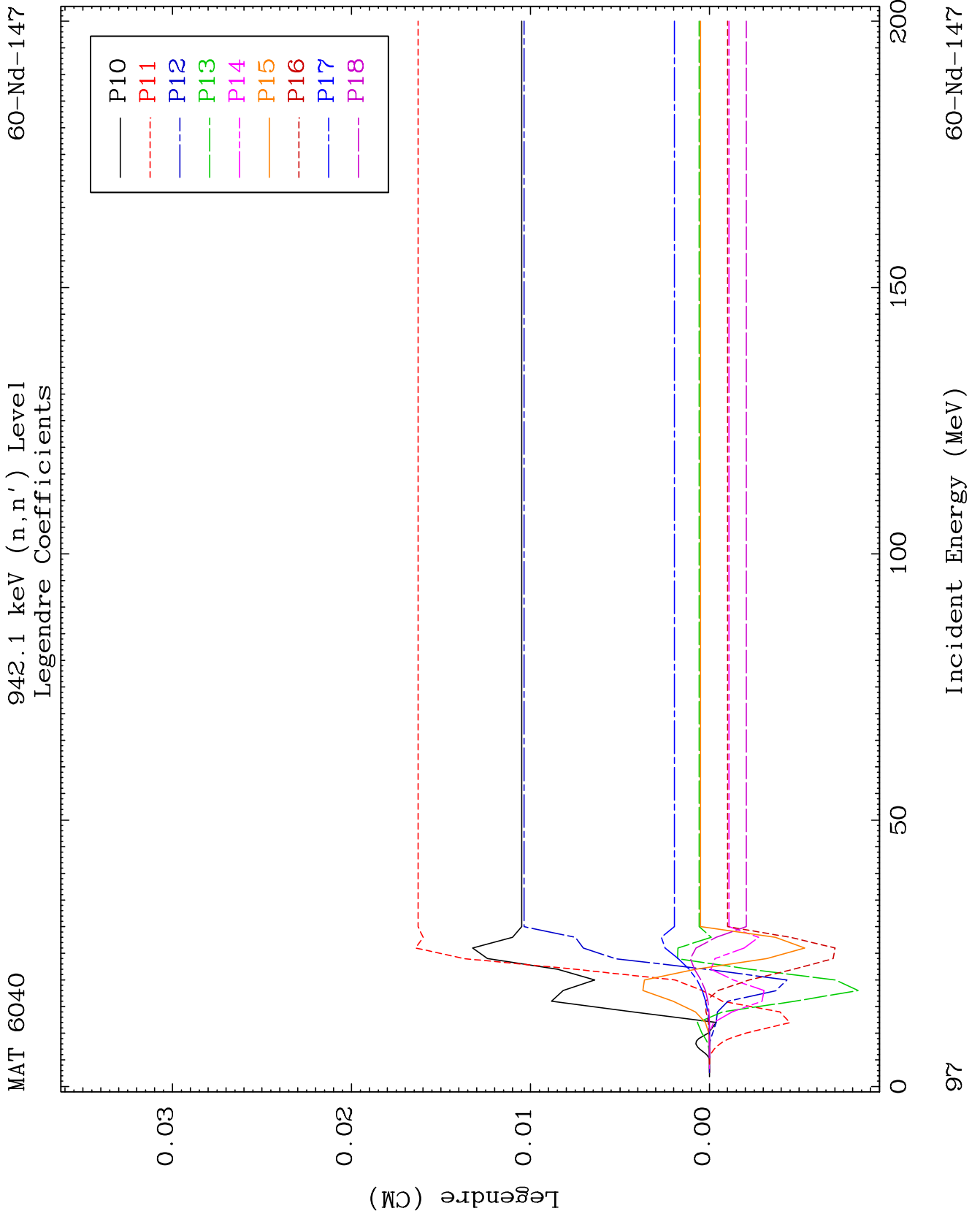








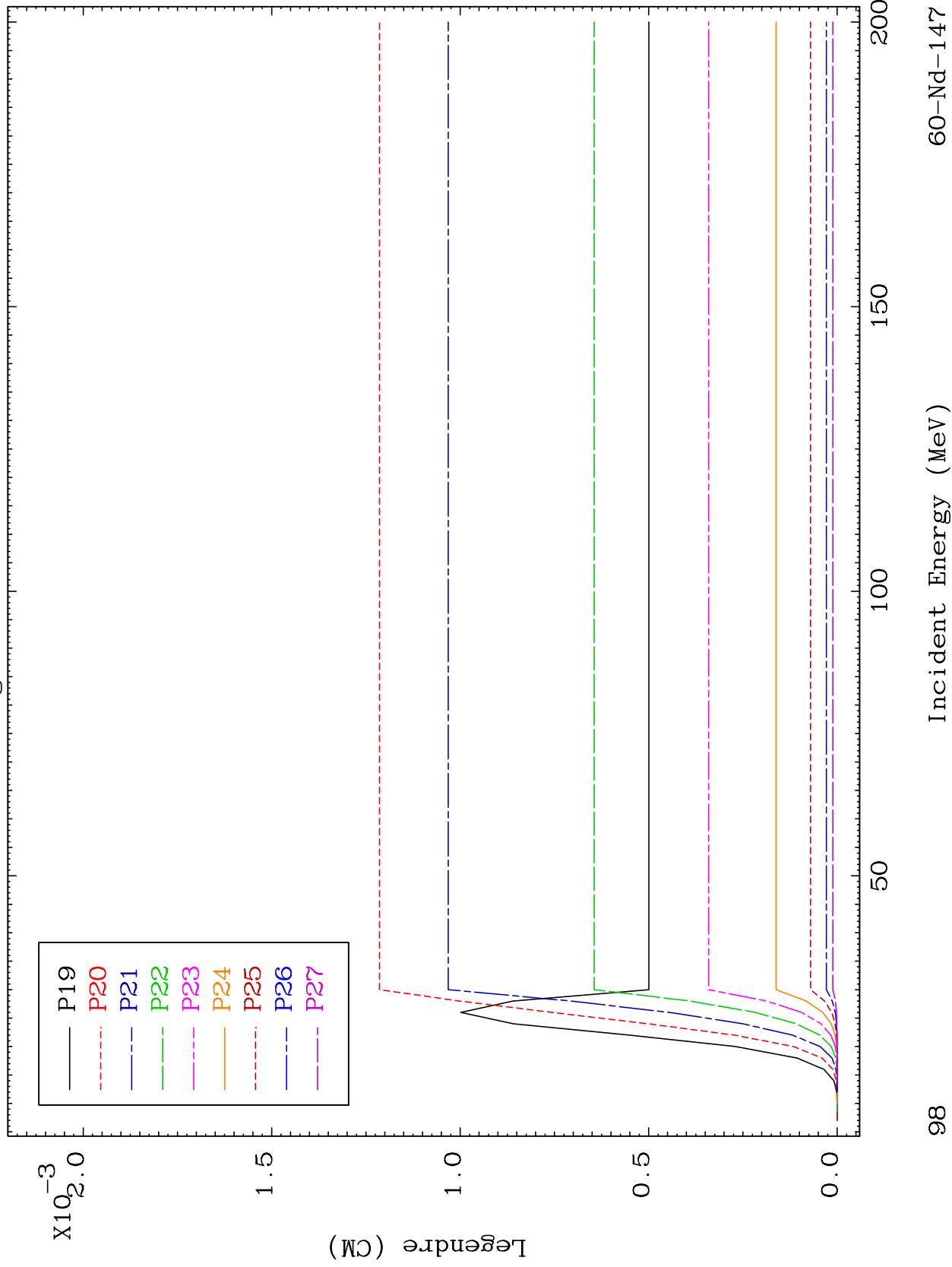


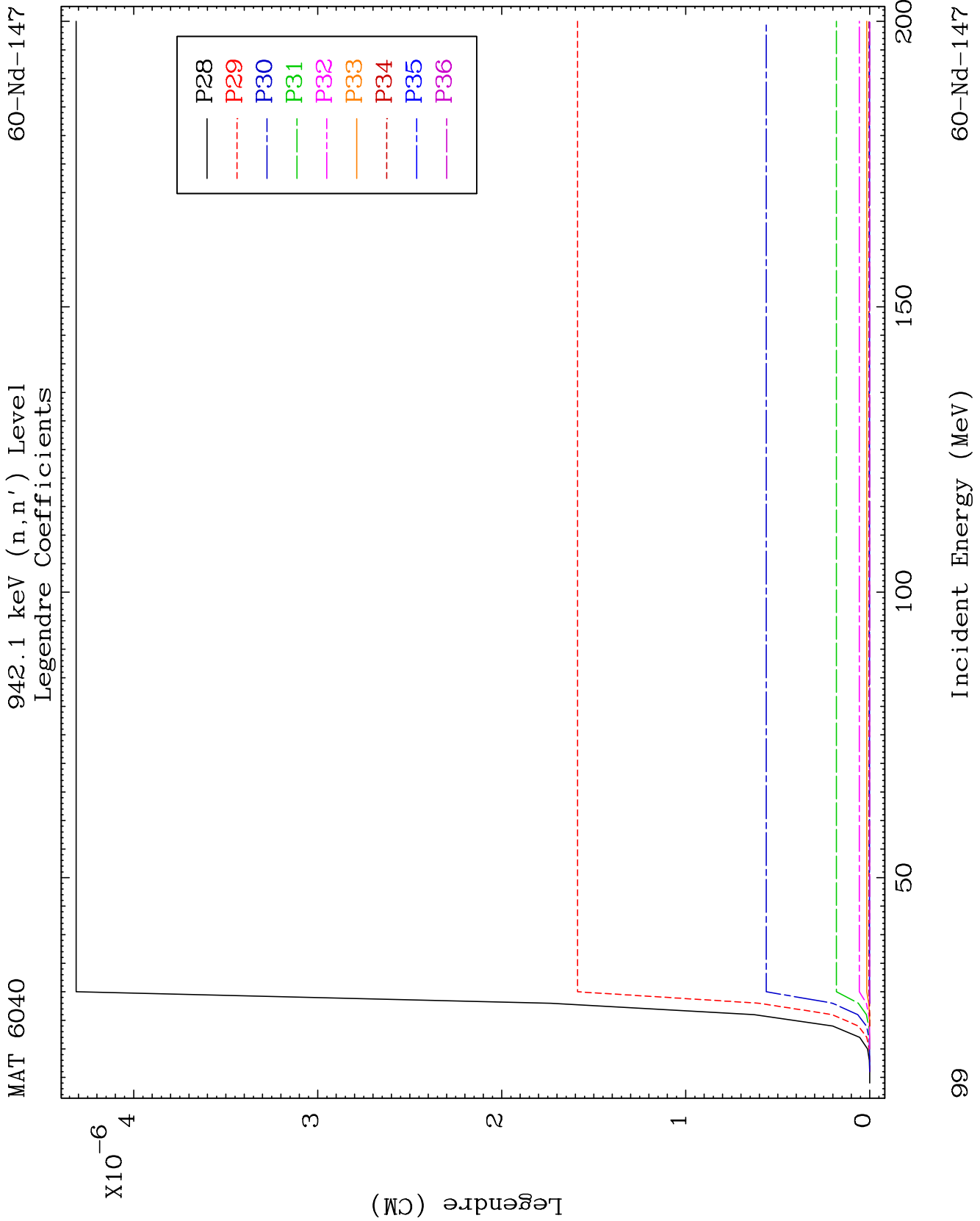


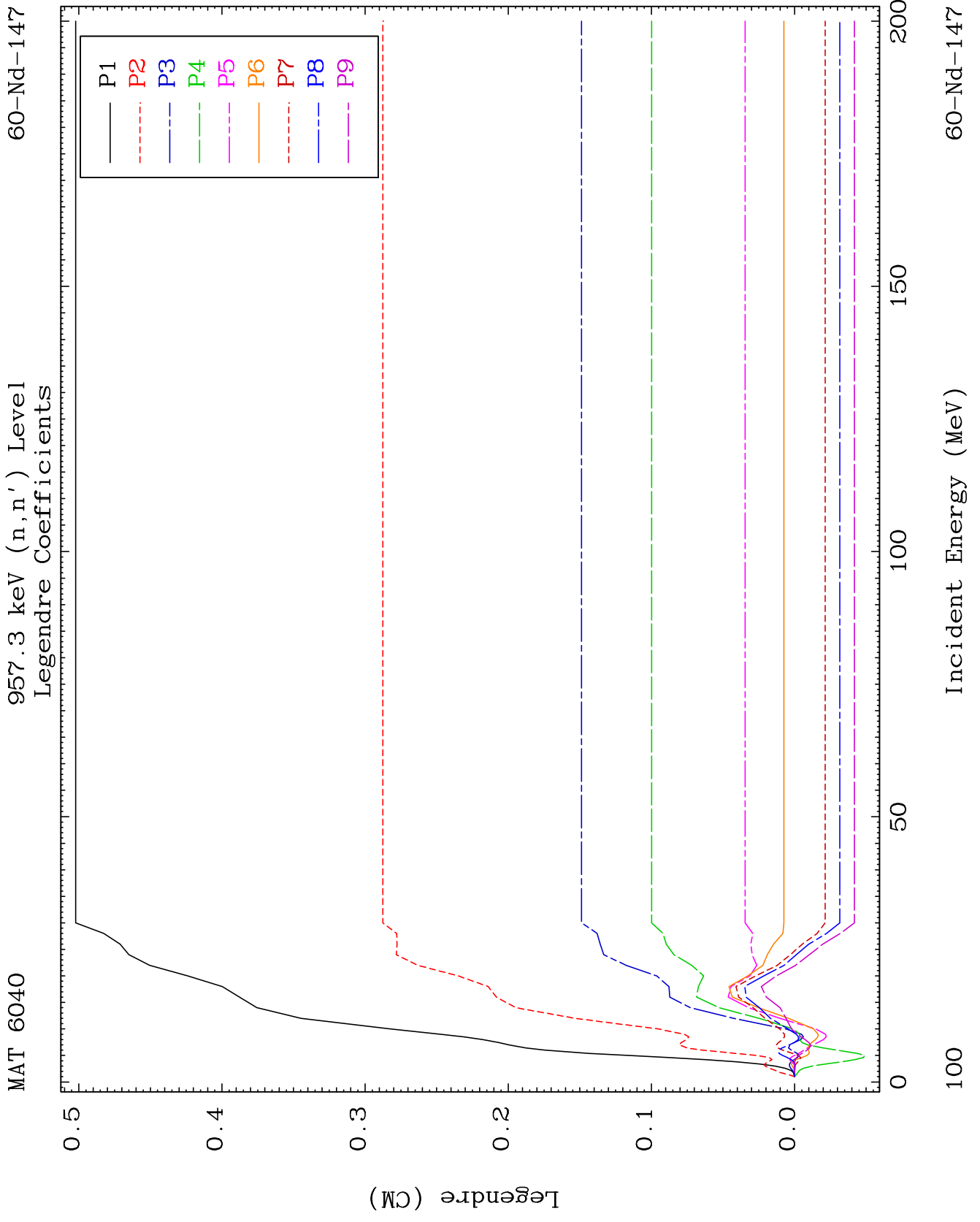
MAT 6040

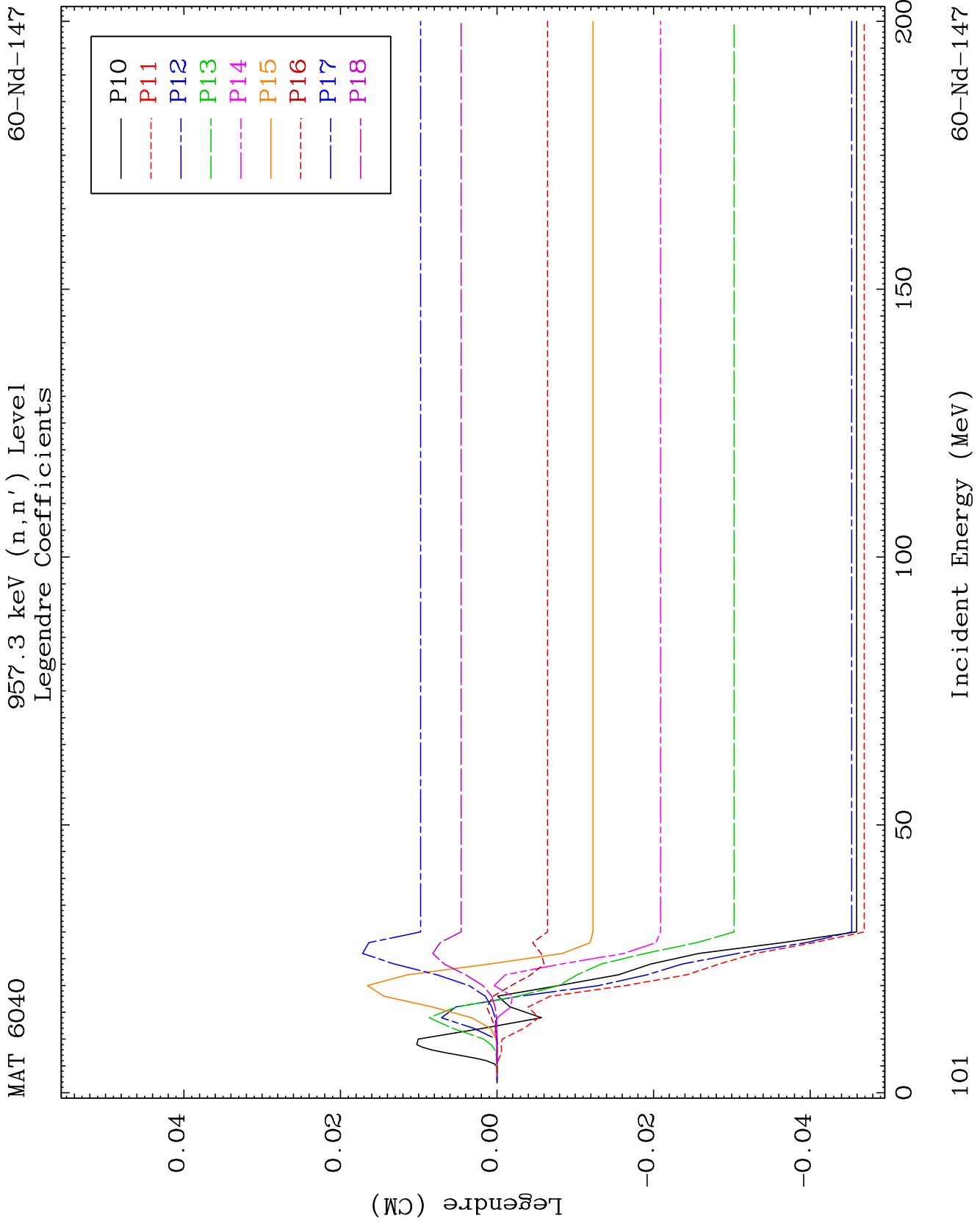
942.1 keV (n,n') Level
Legendre Coefficients

60-Nd-147





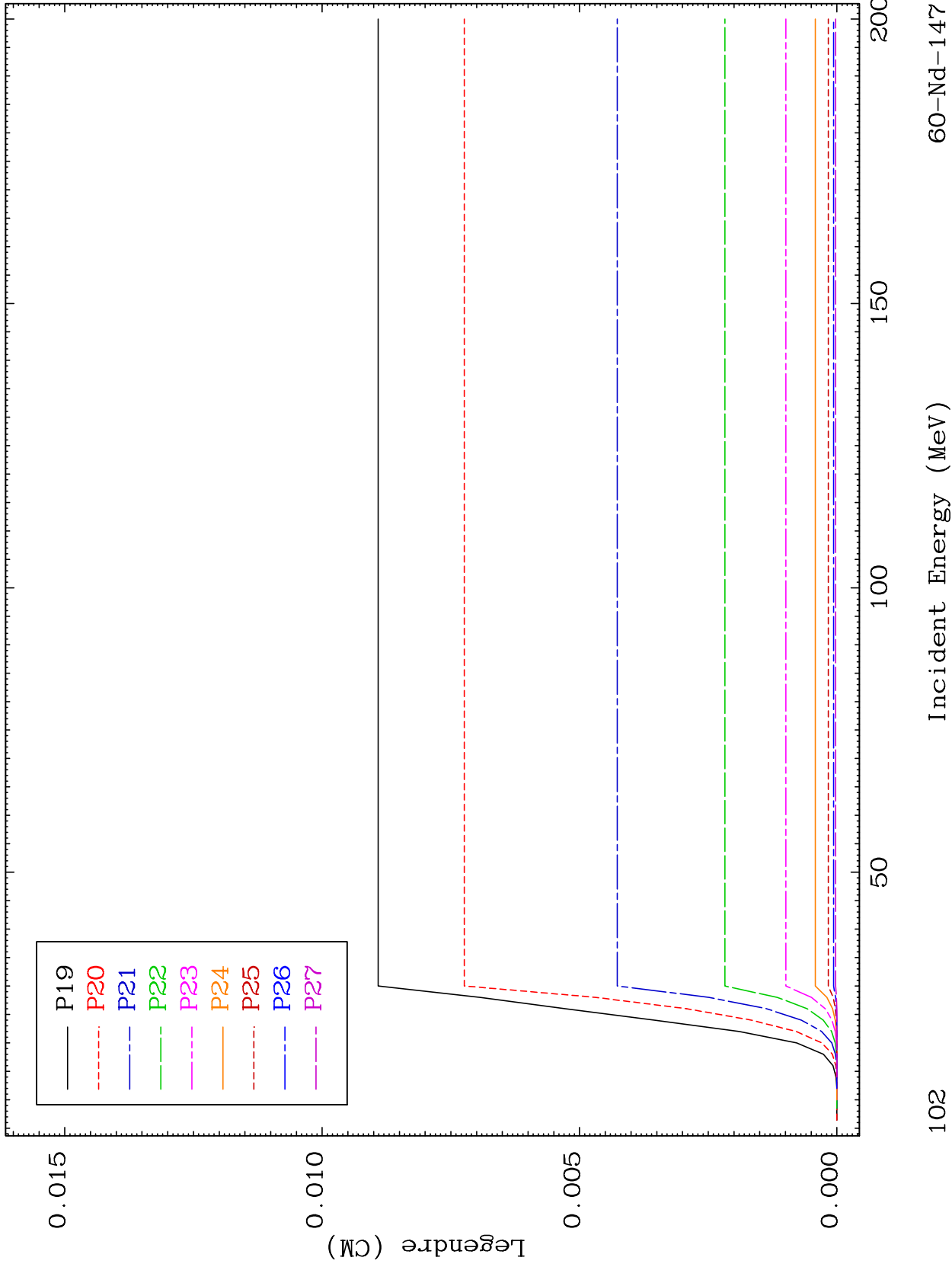




MAT 6040

957.3 keV (n, n') Level
Legendre Coefficients

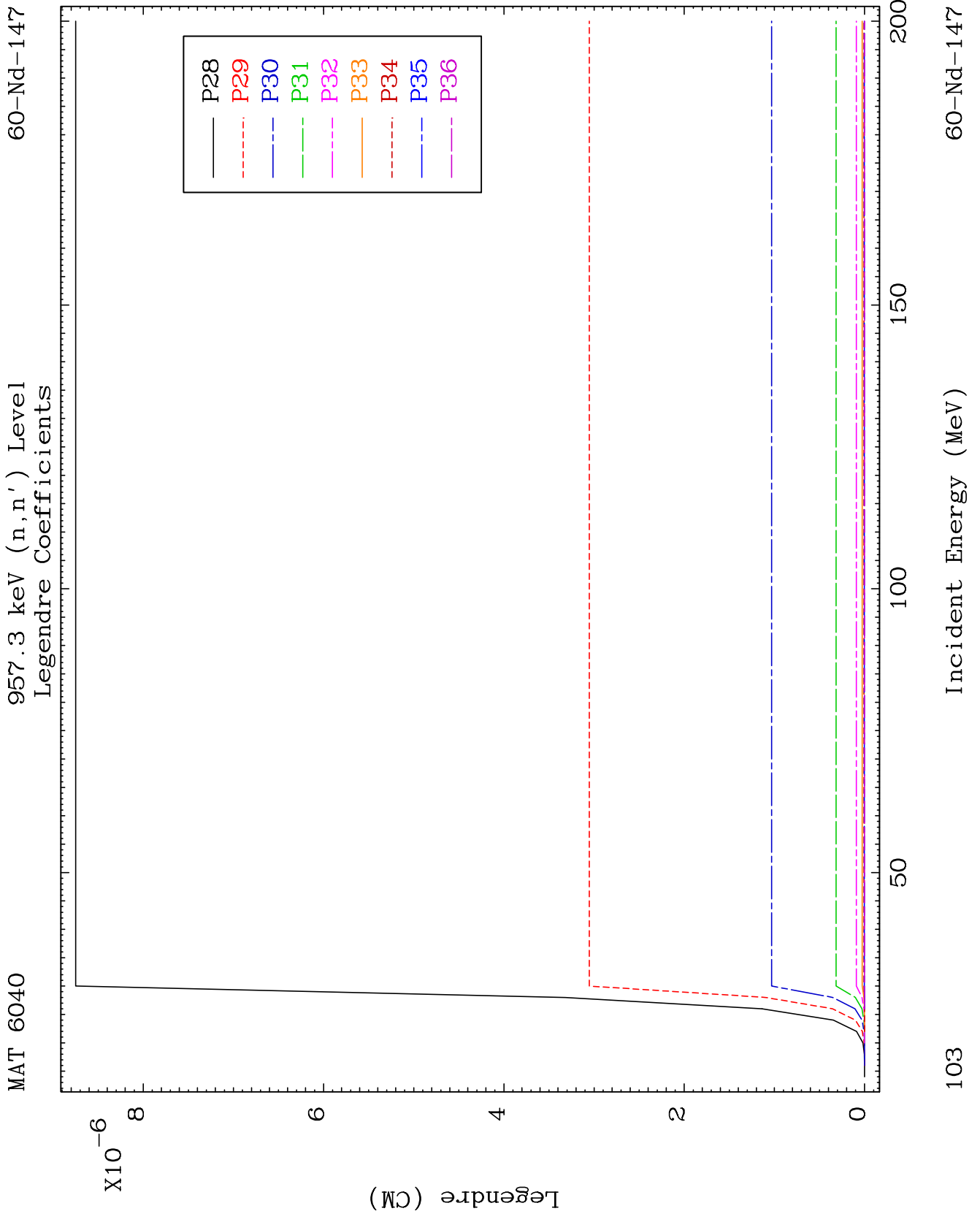
60-Nd-147

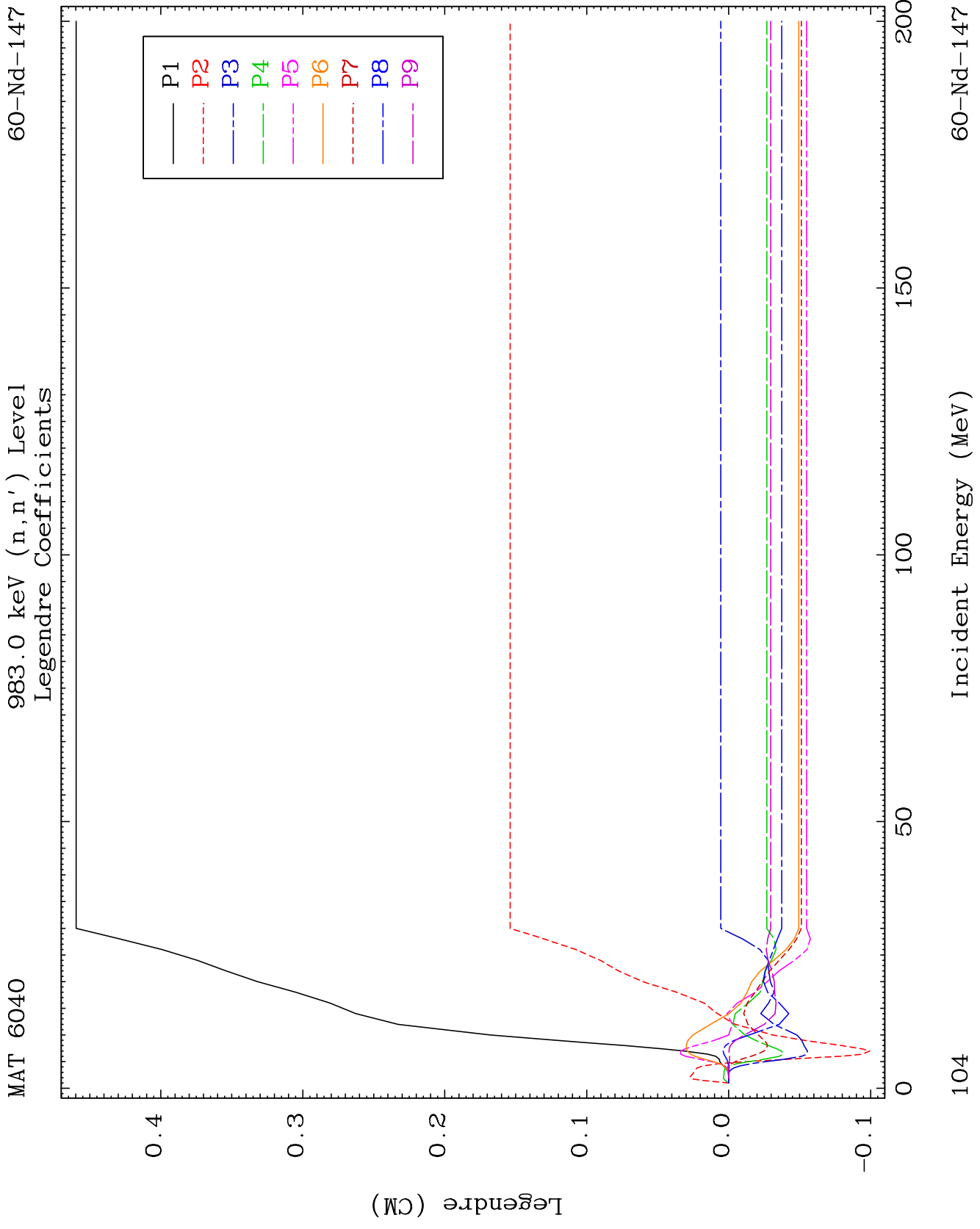


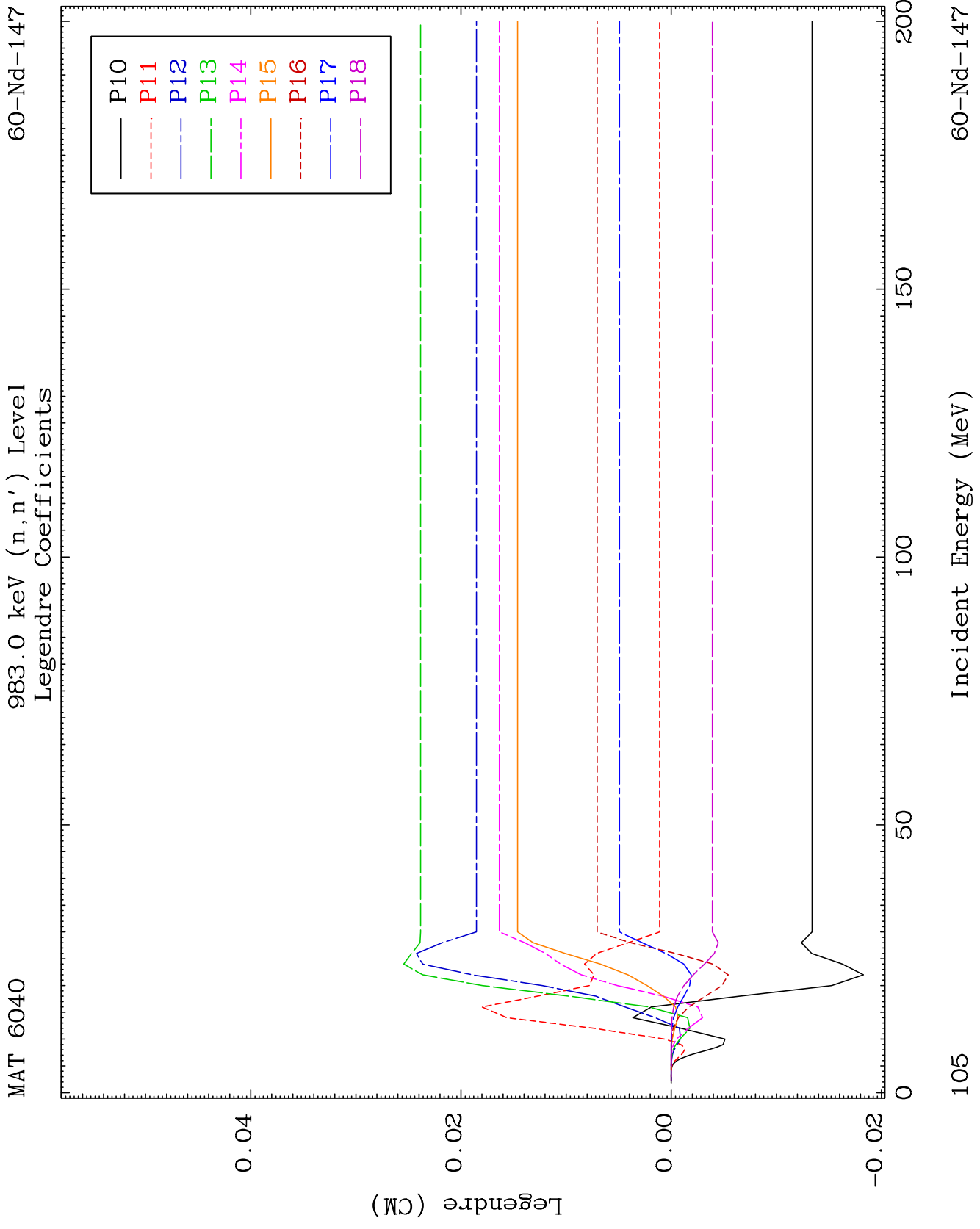
102

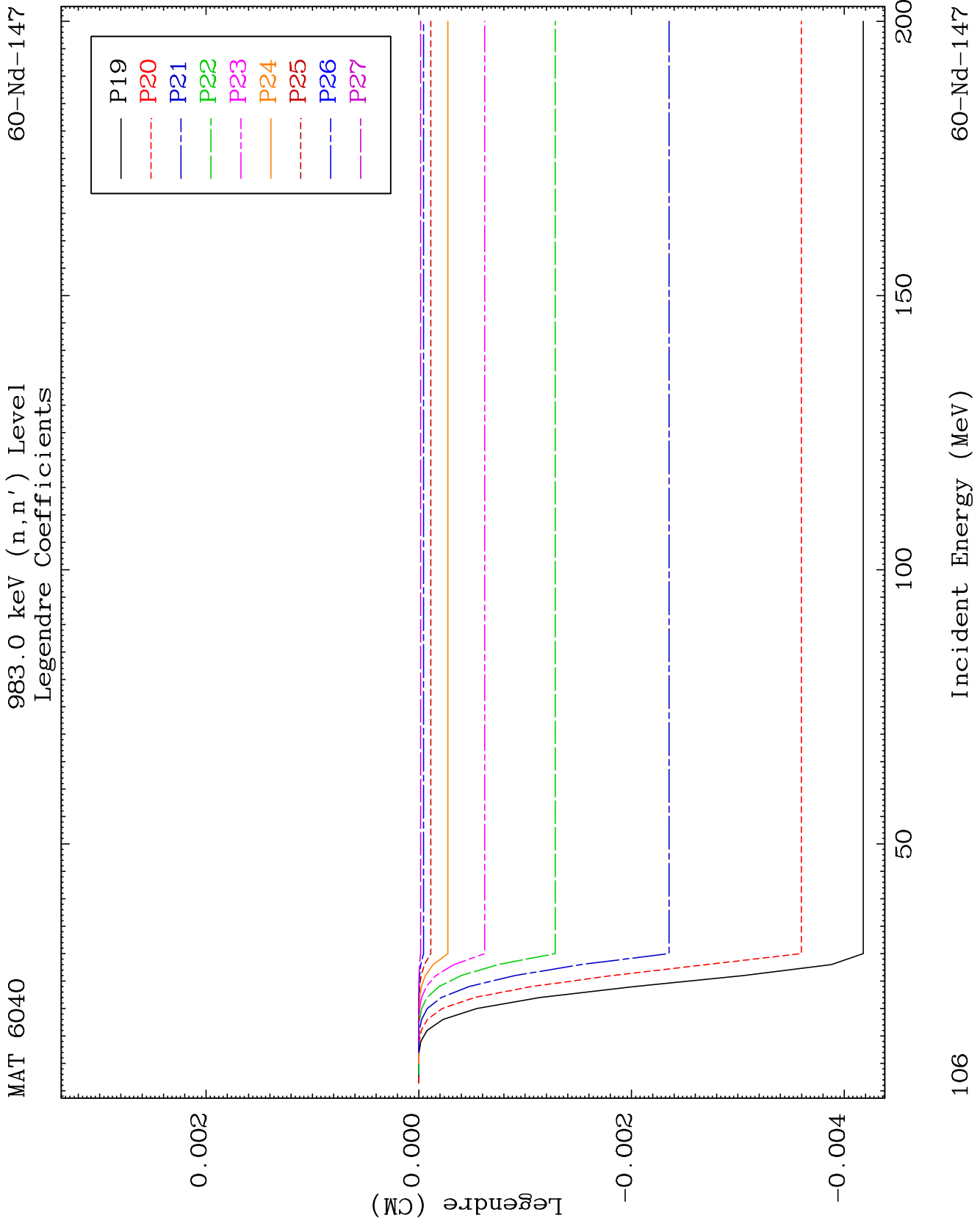
Incident Energy (MeV)

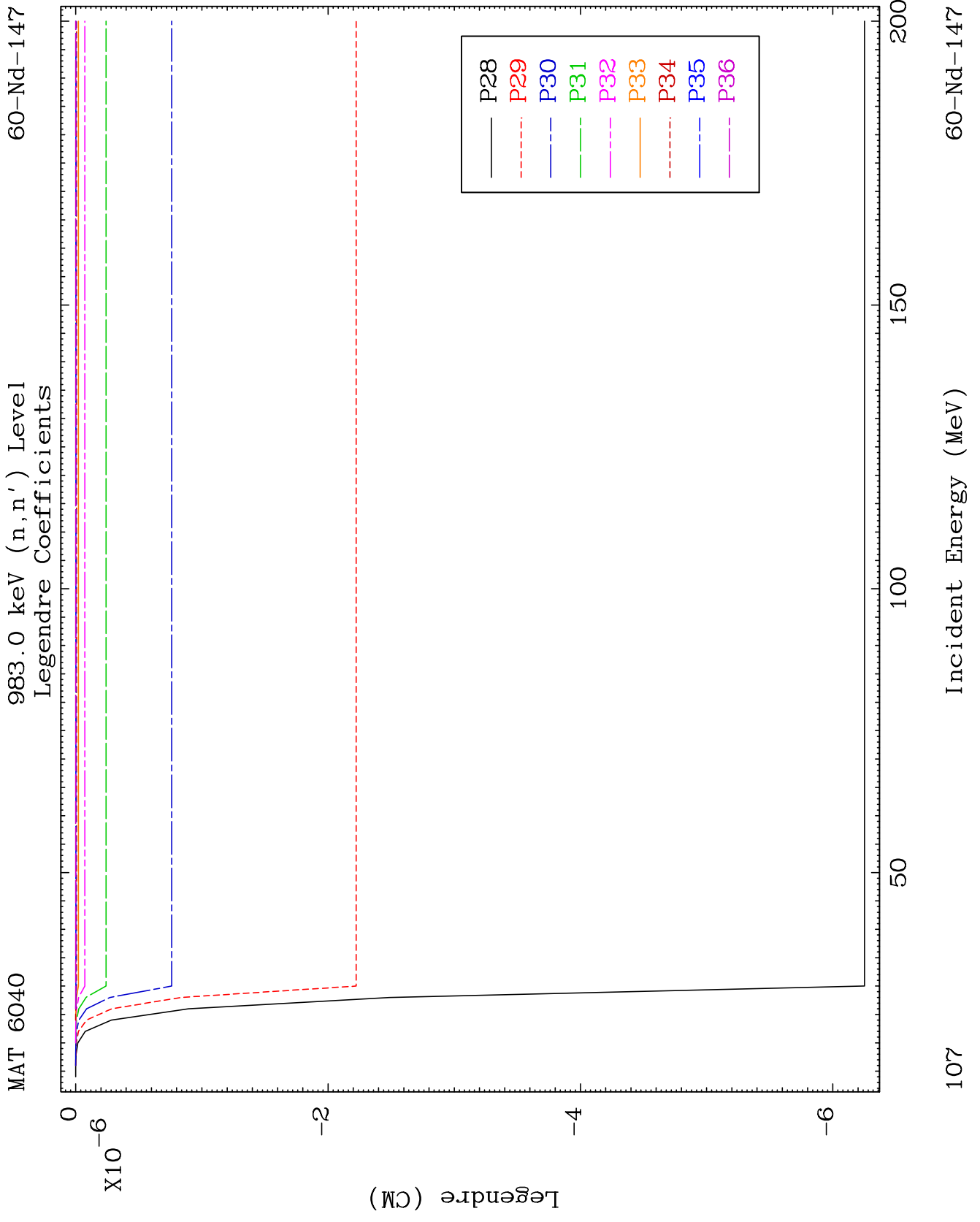
60-Nd-147

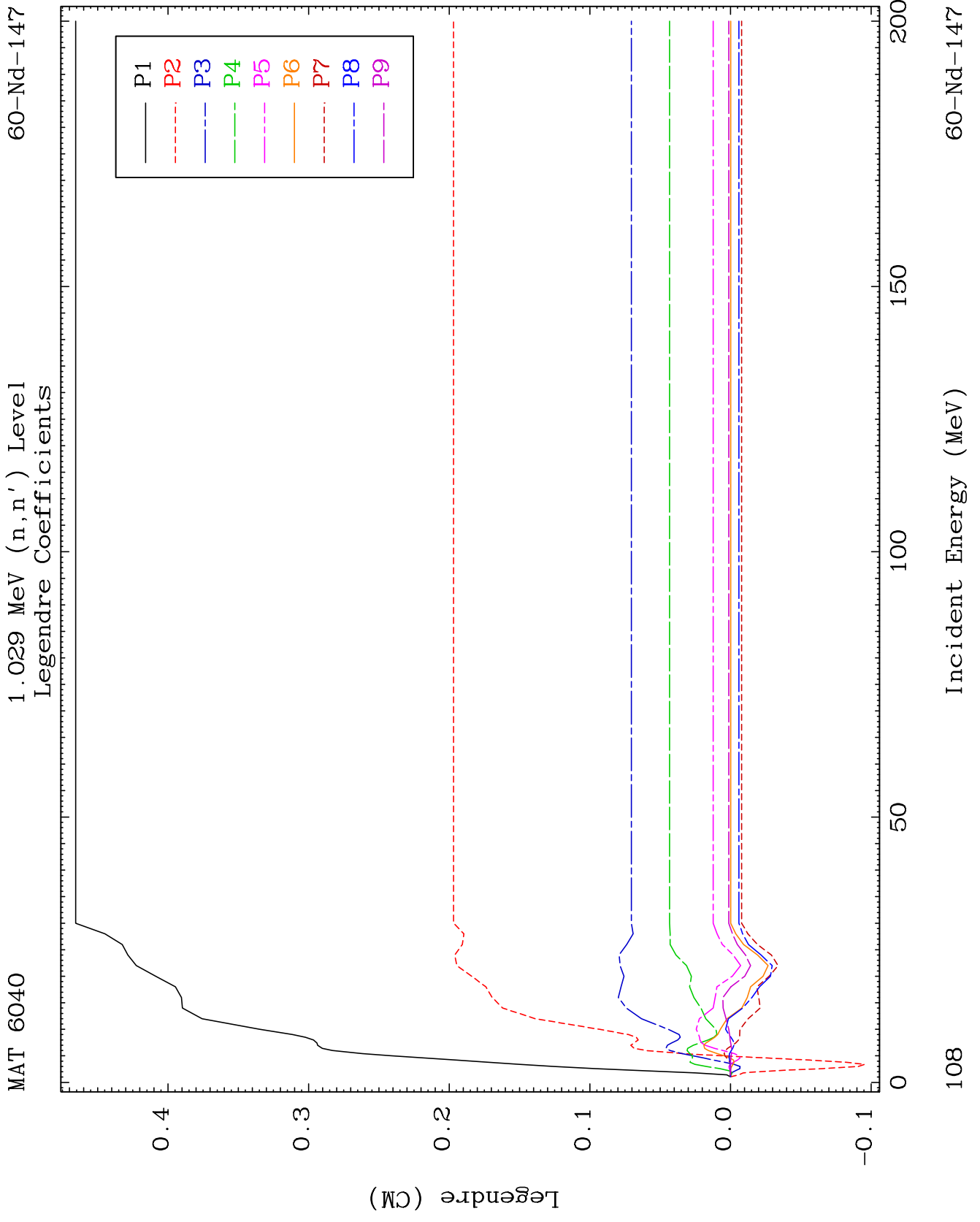


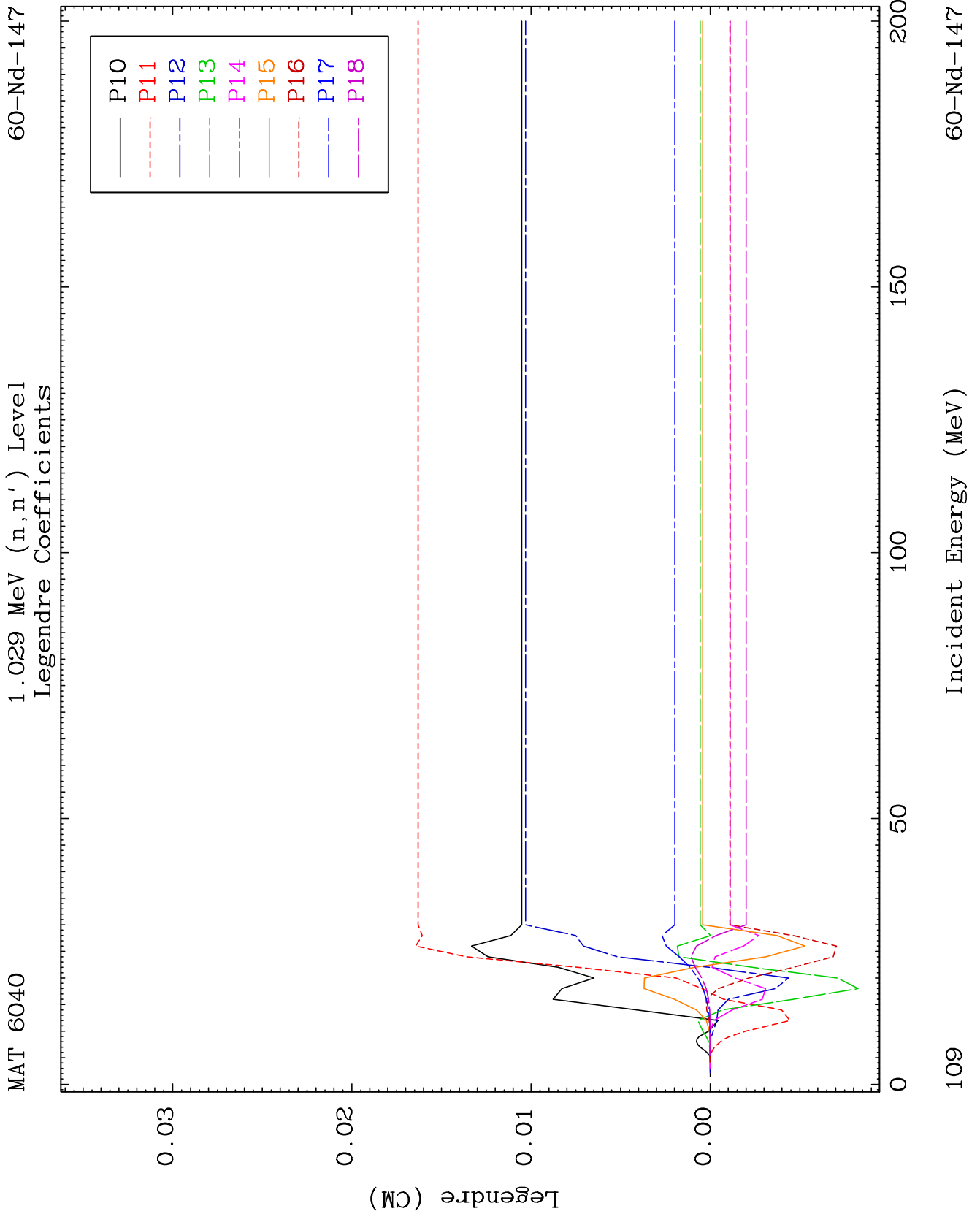


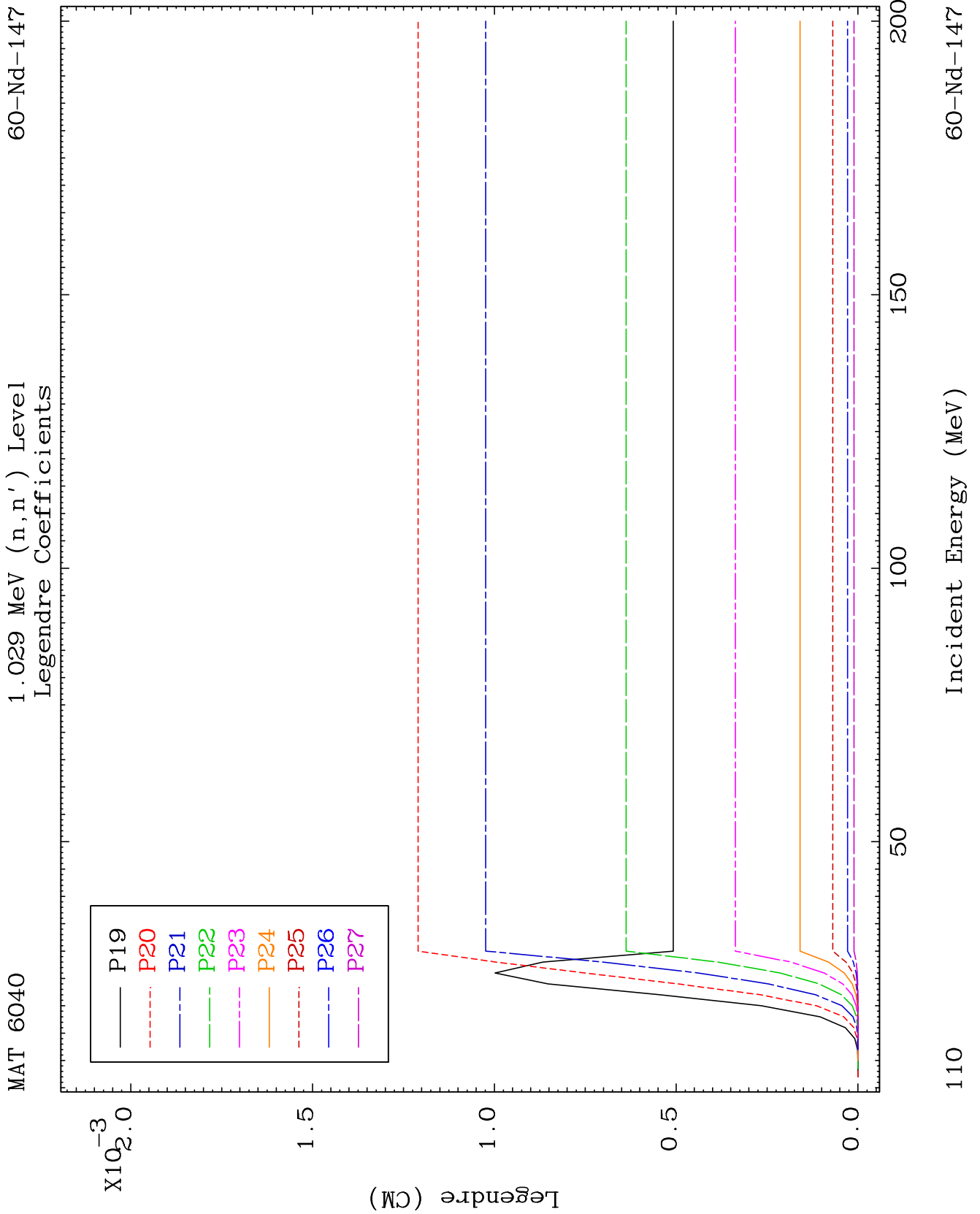


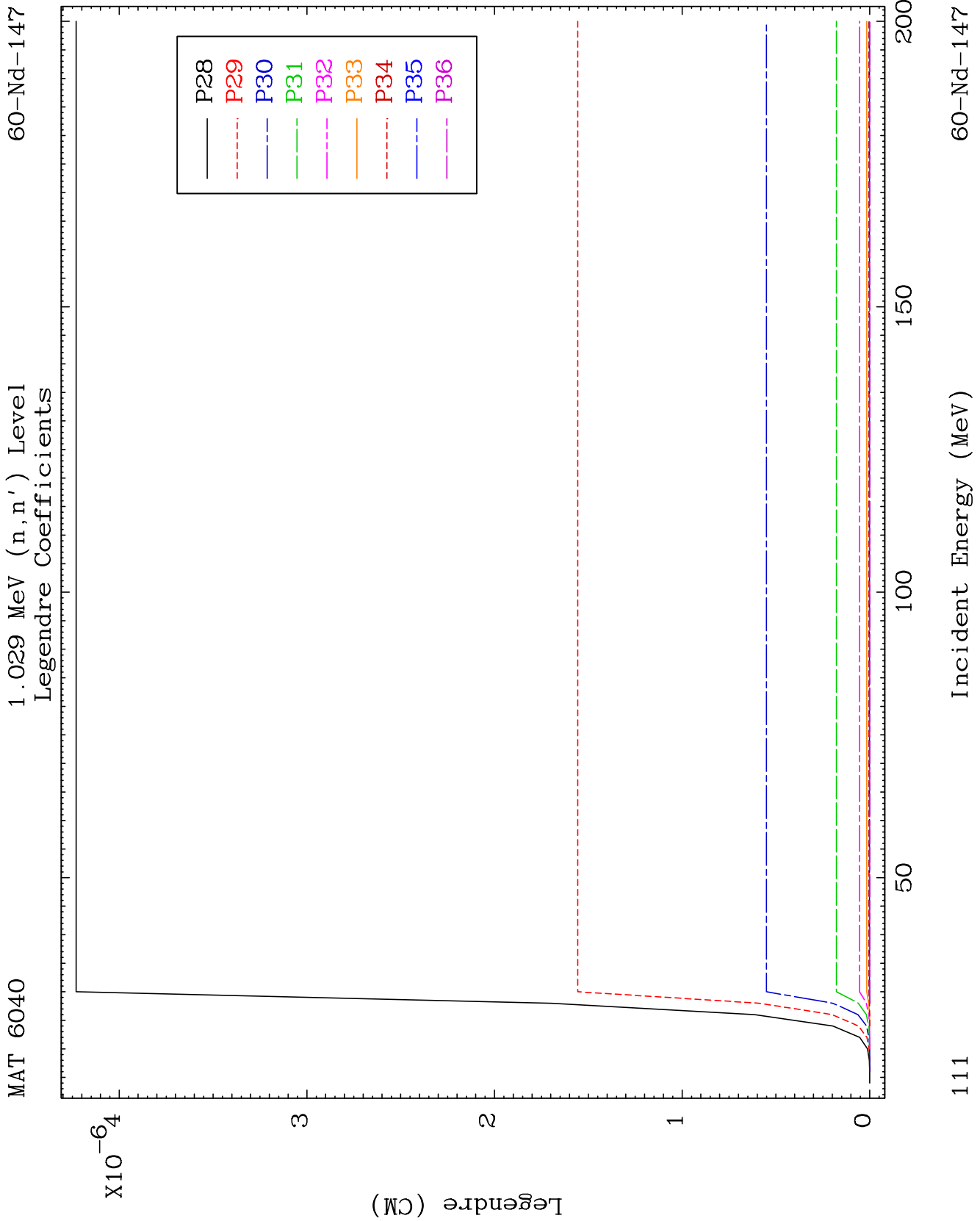


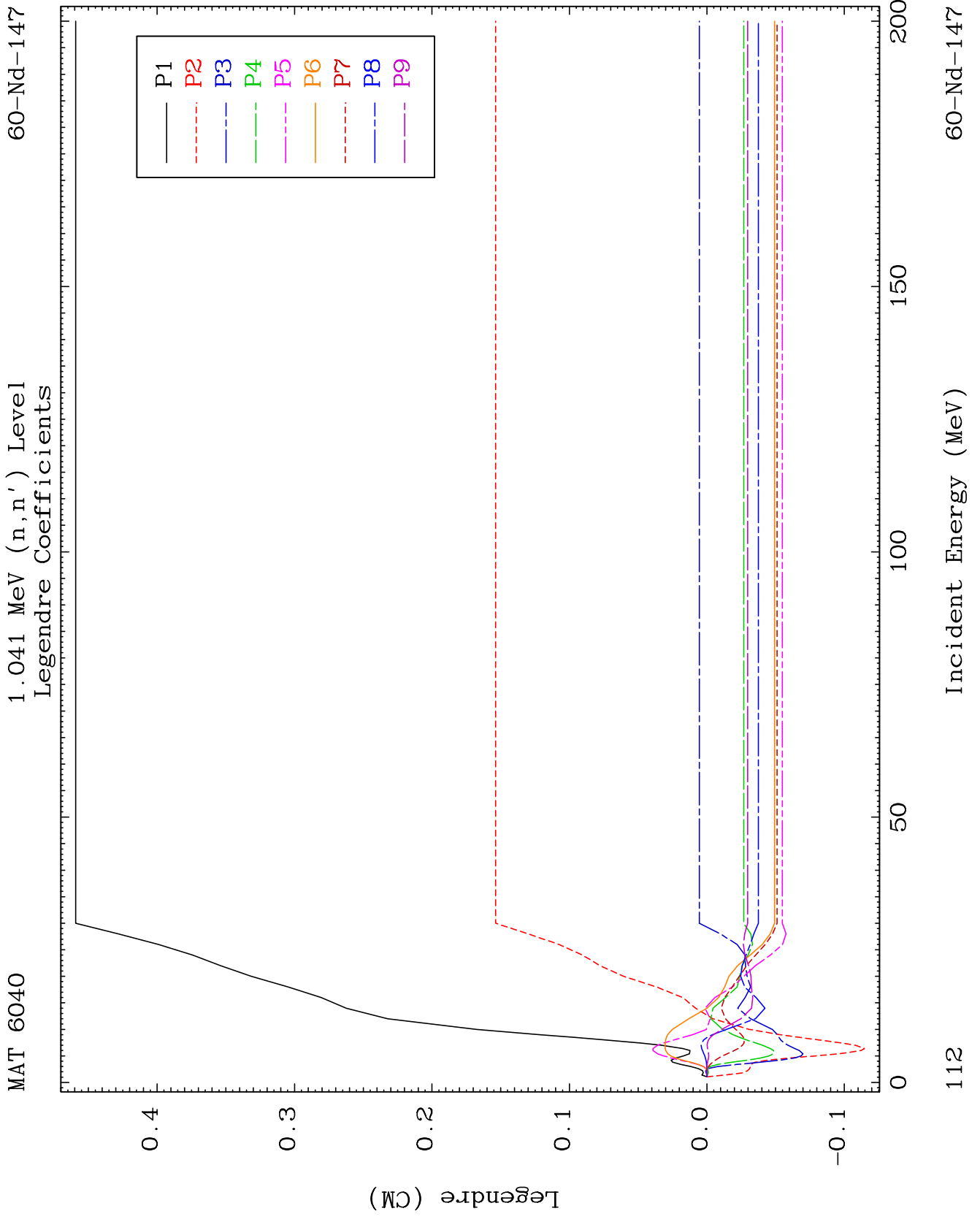


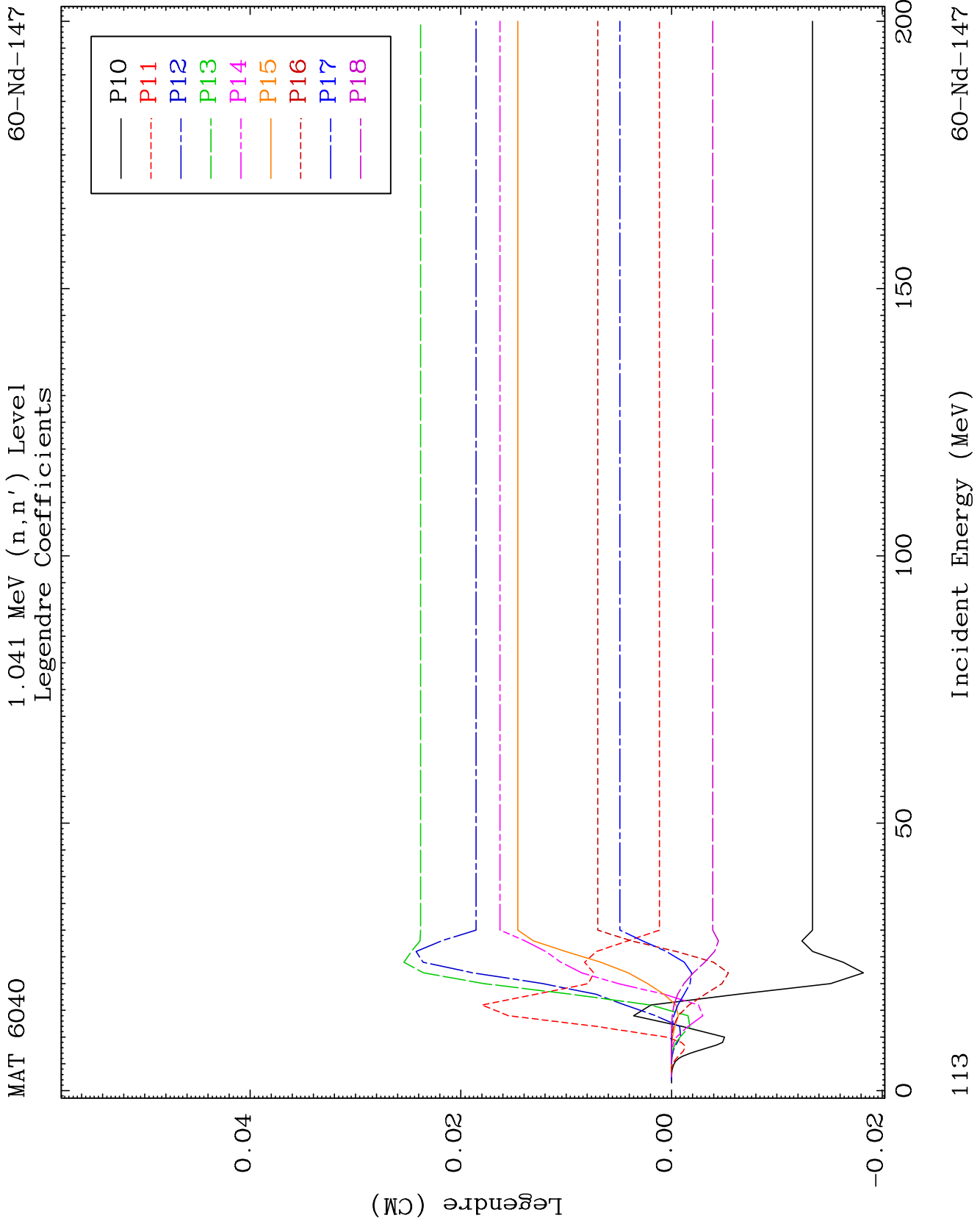


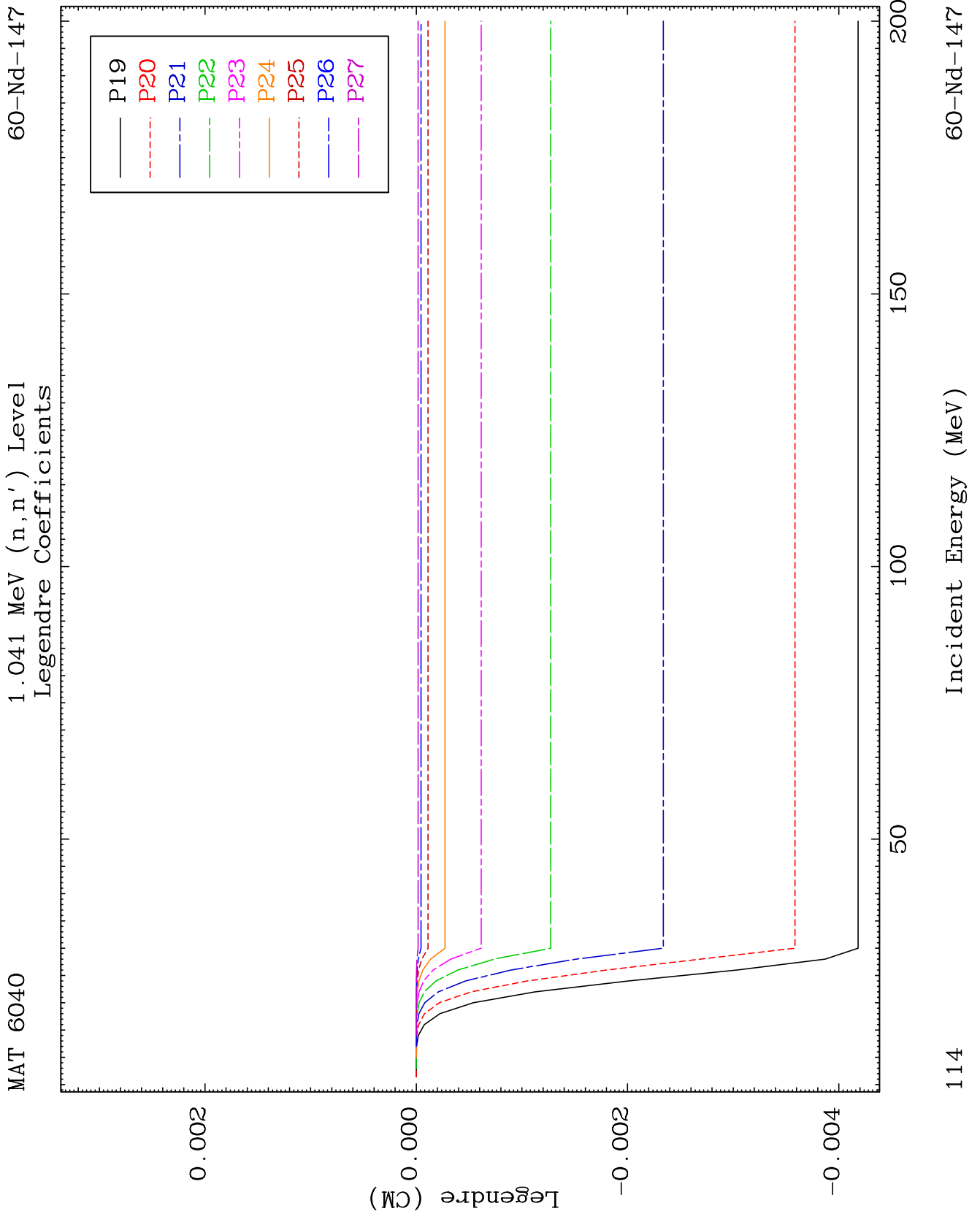


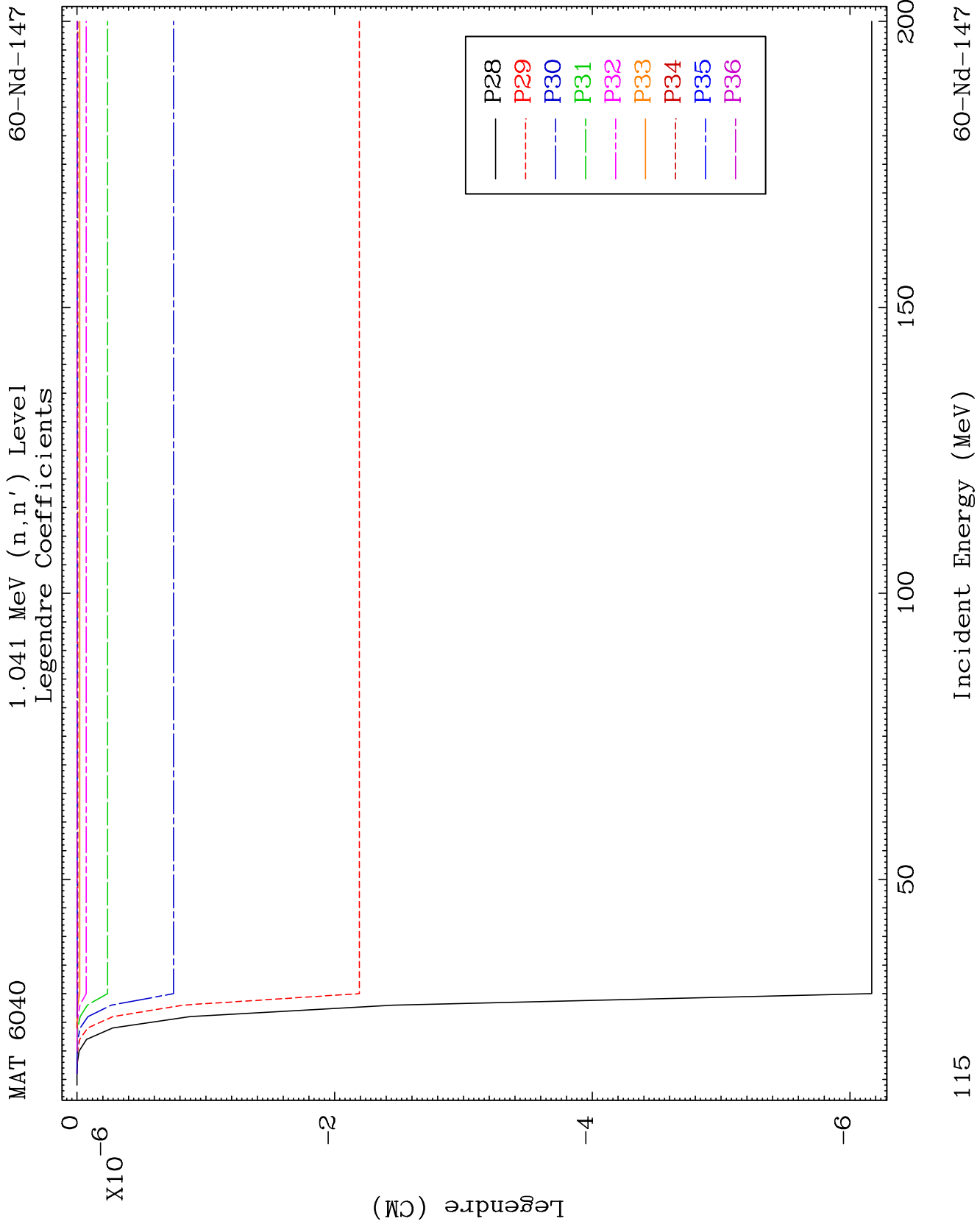


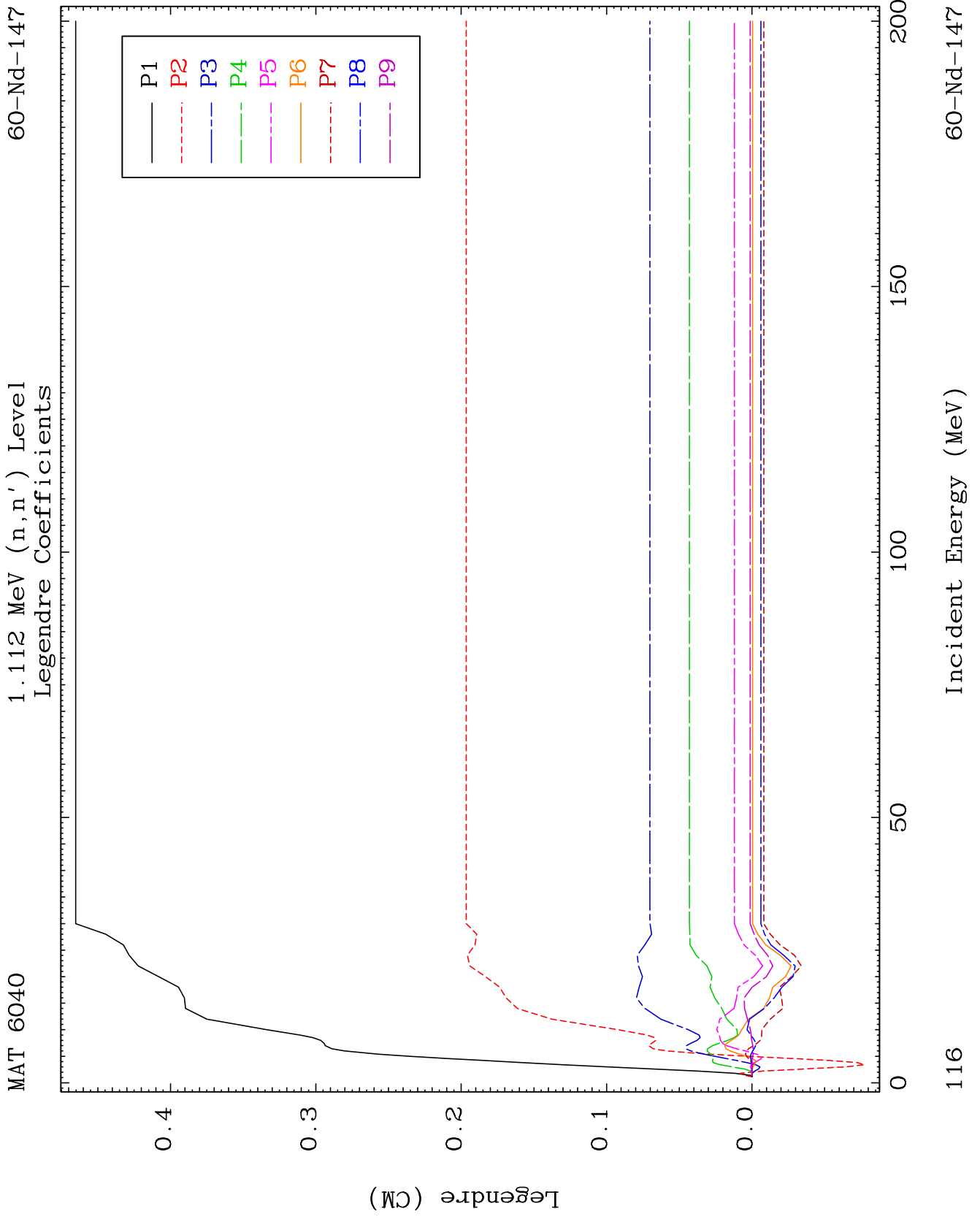


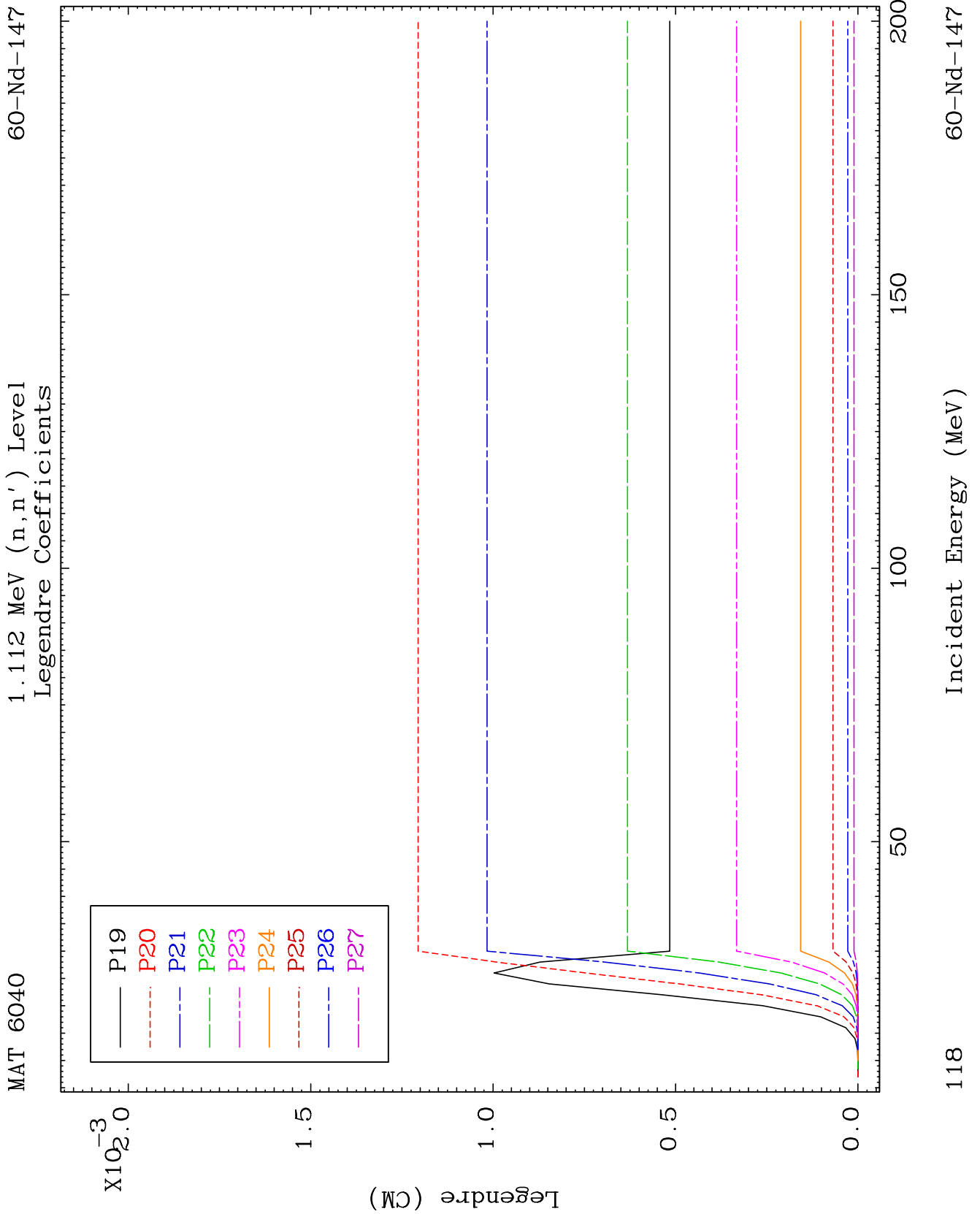


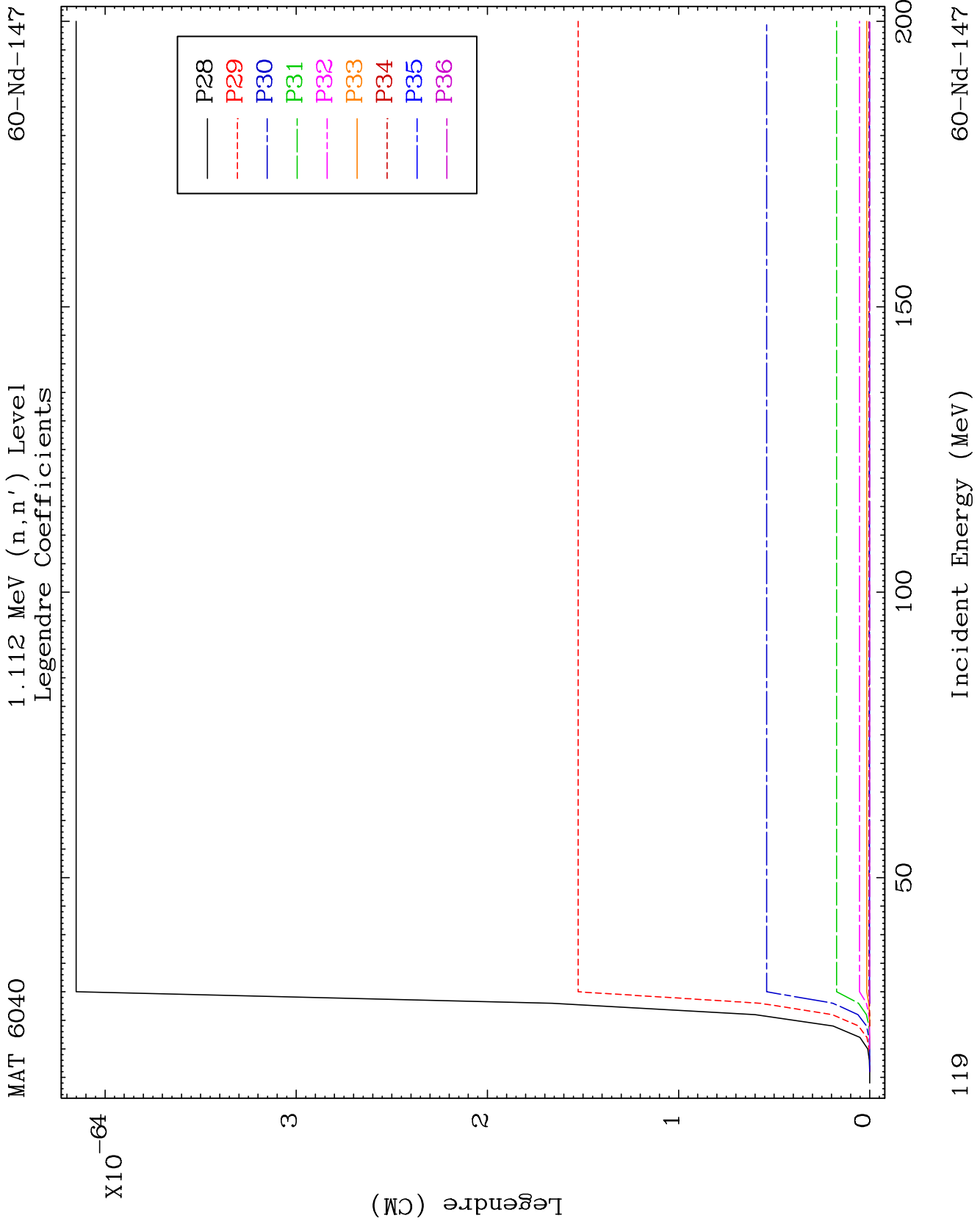


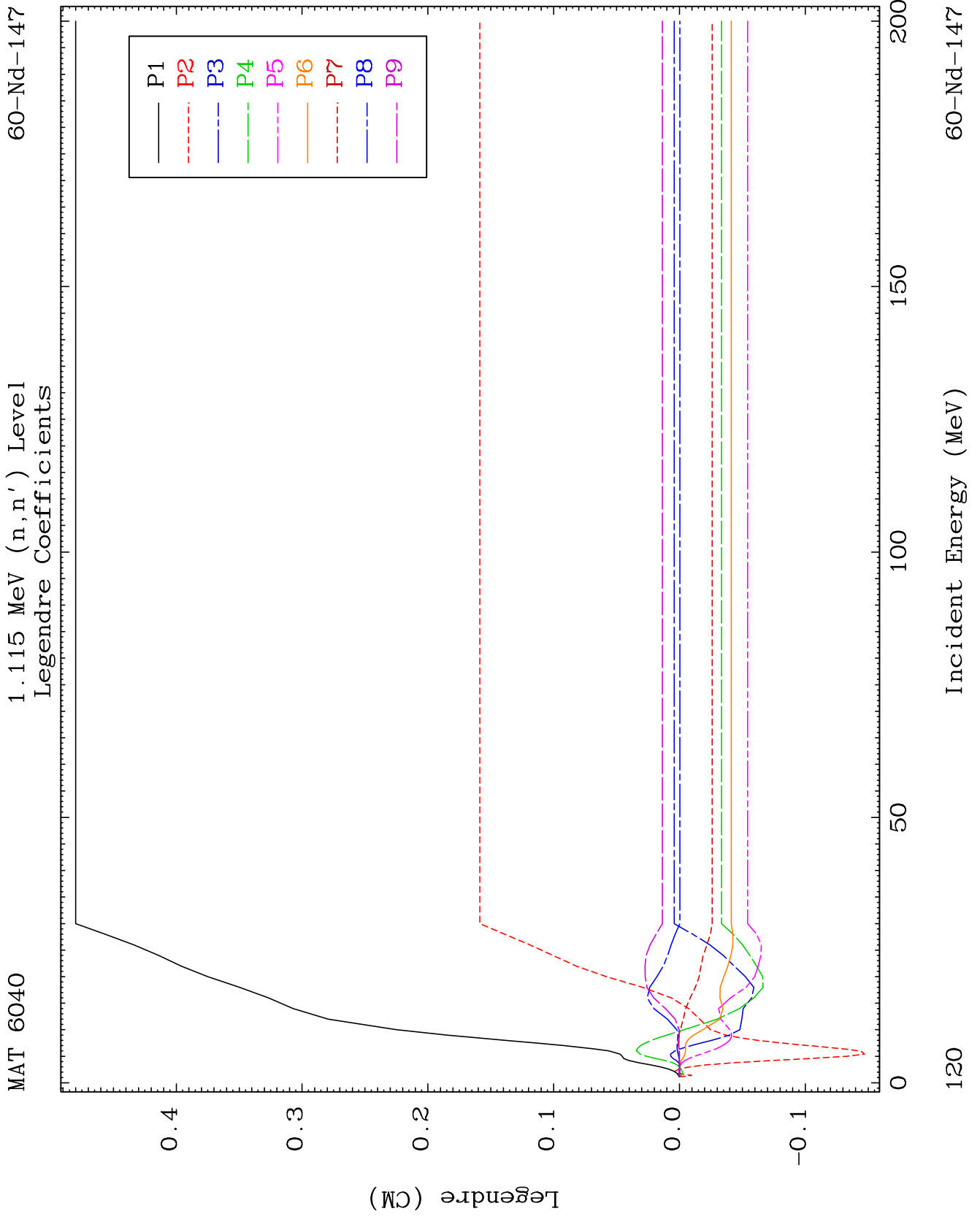


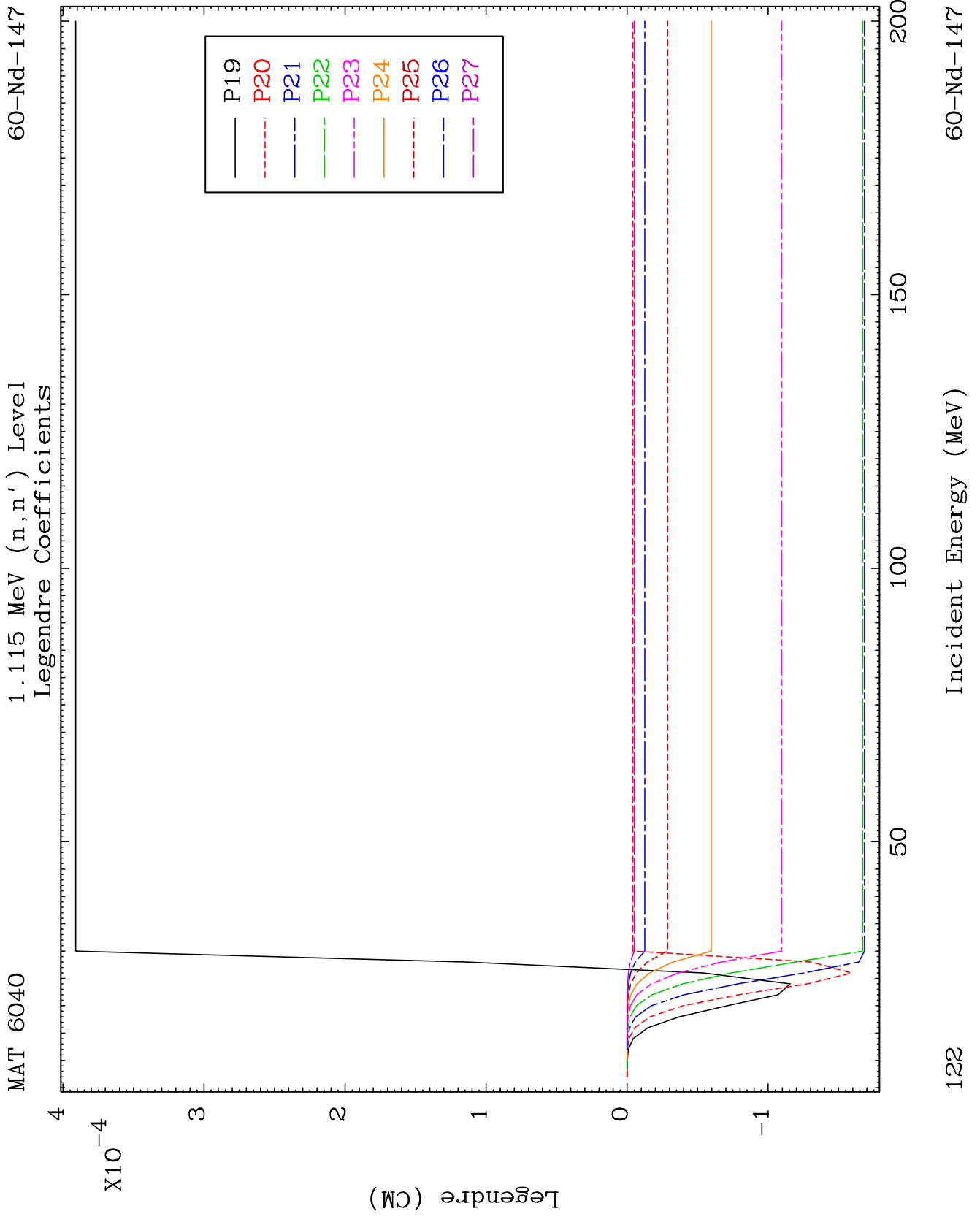


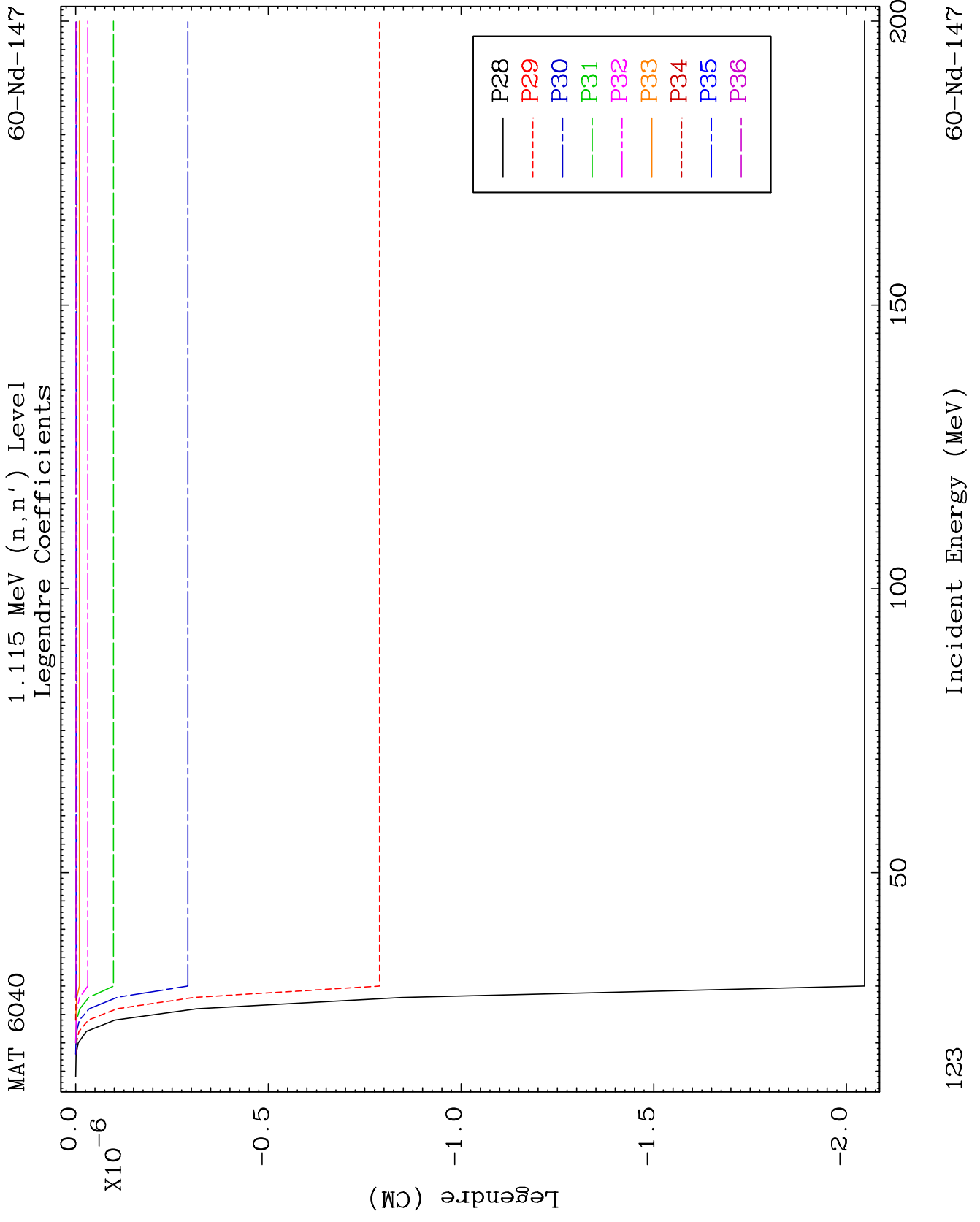


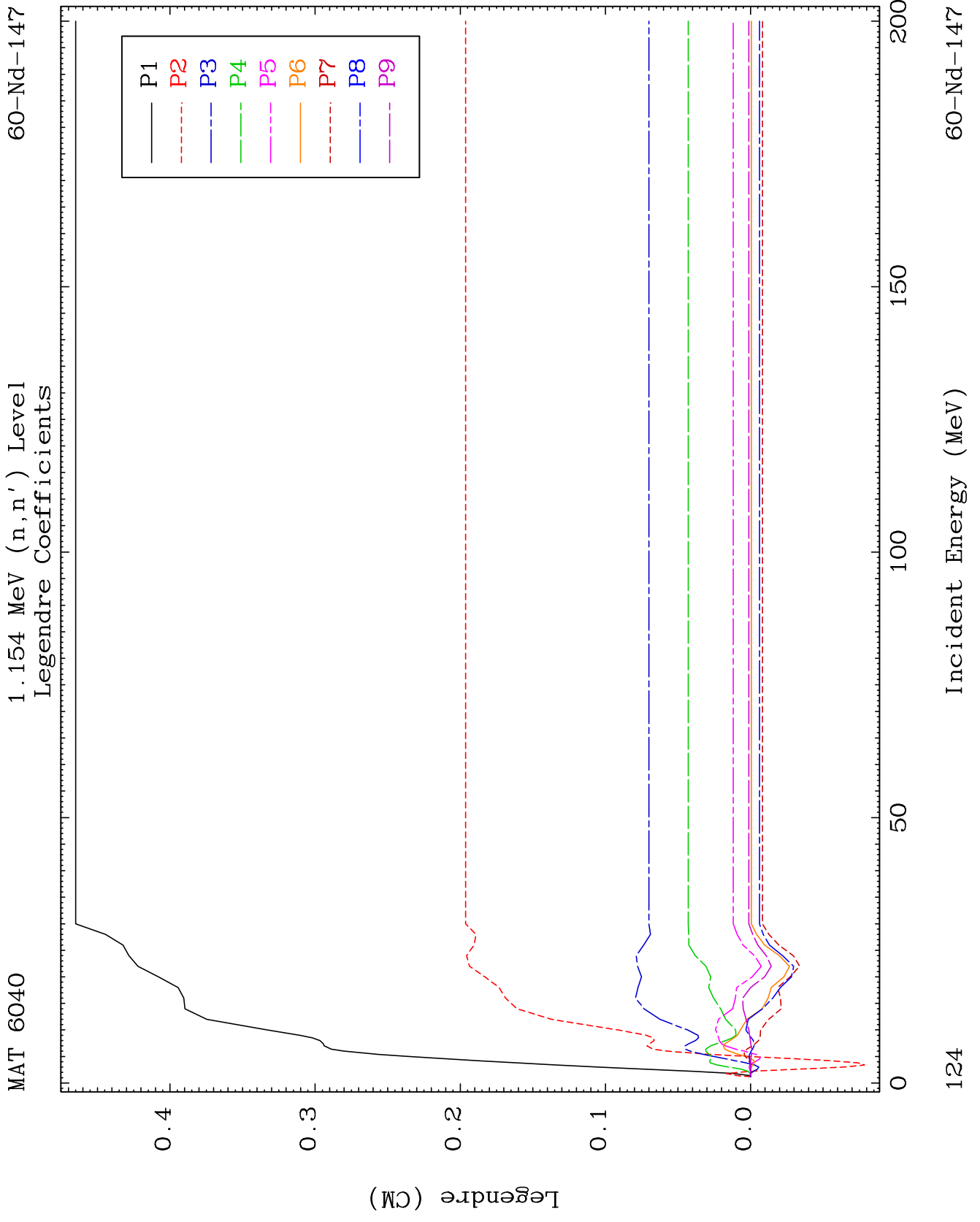


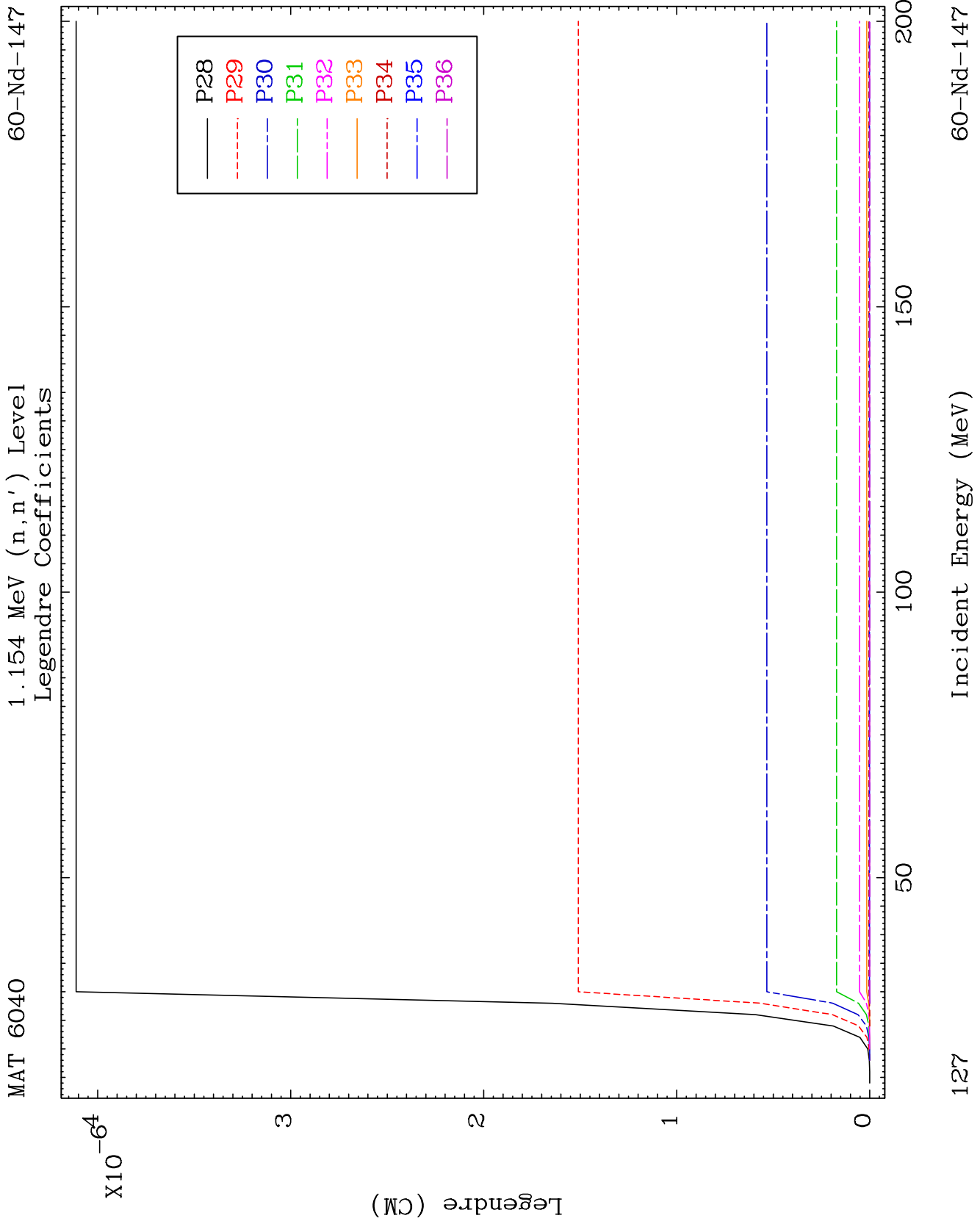


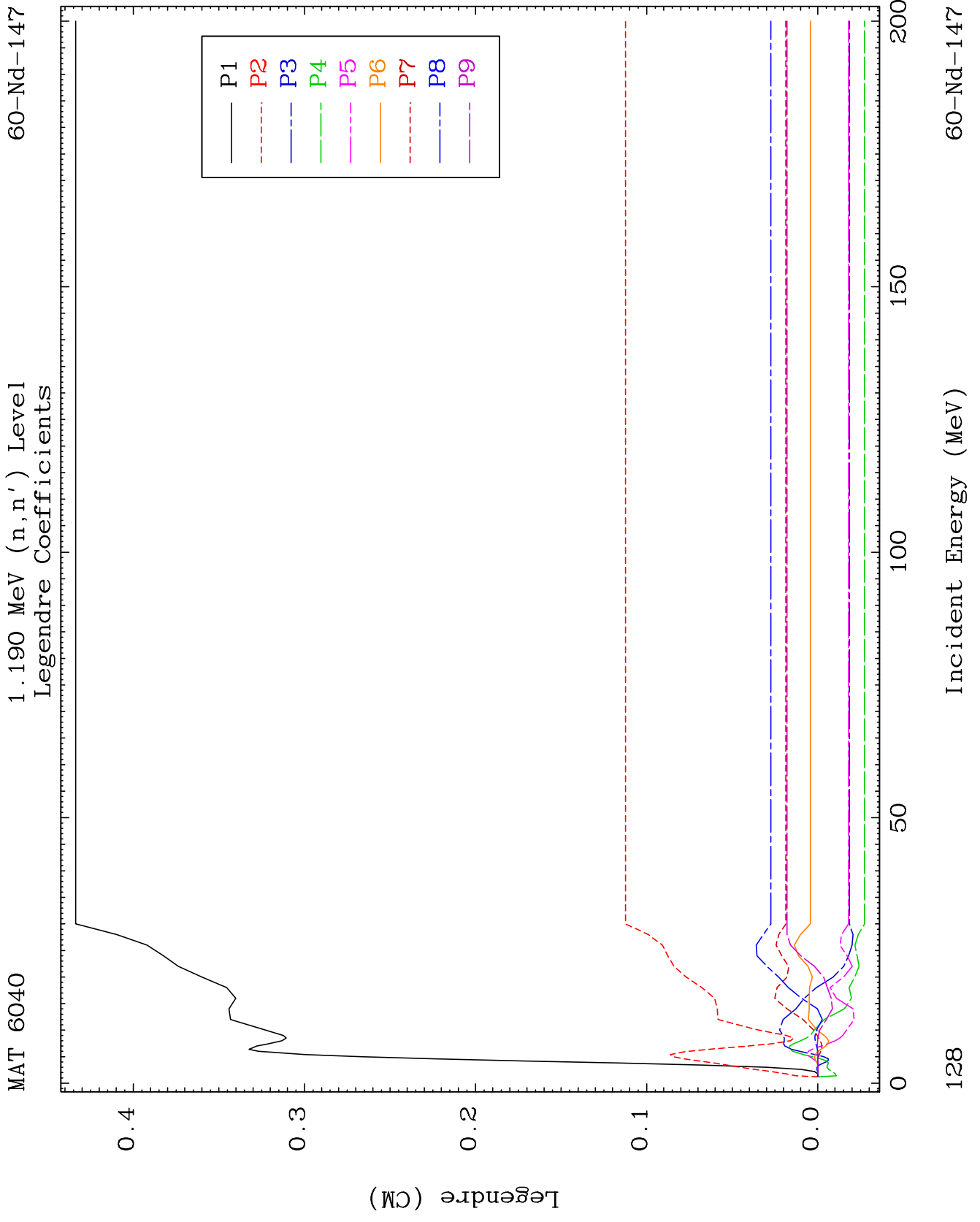


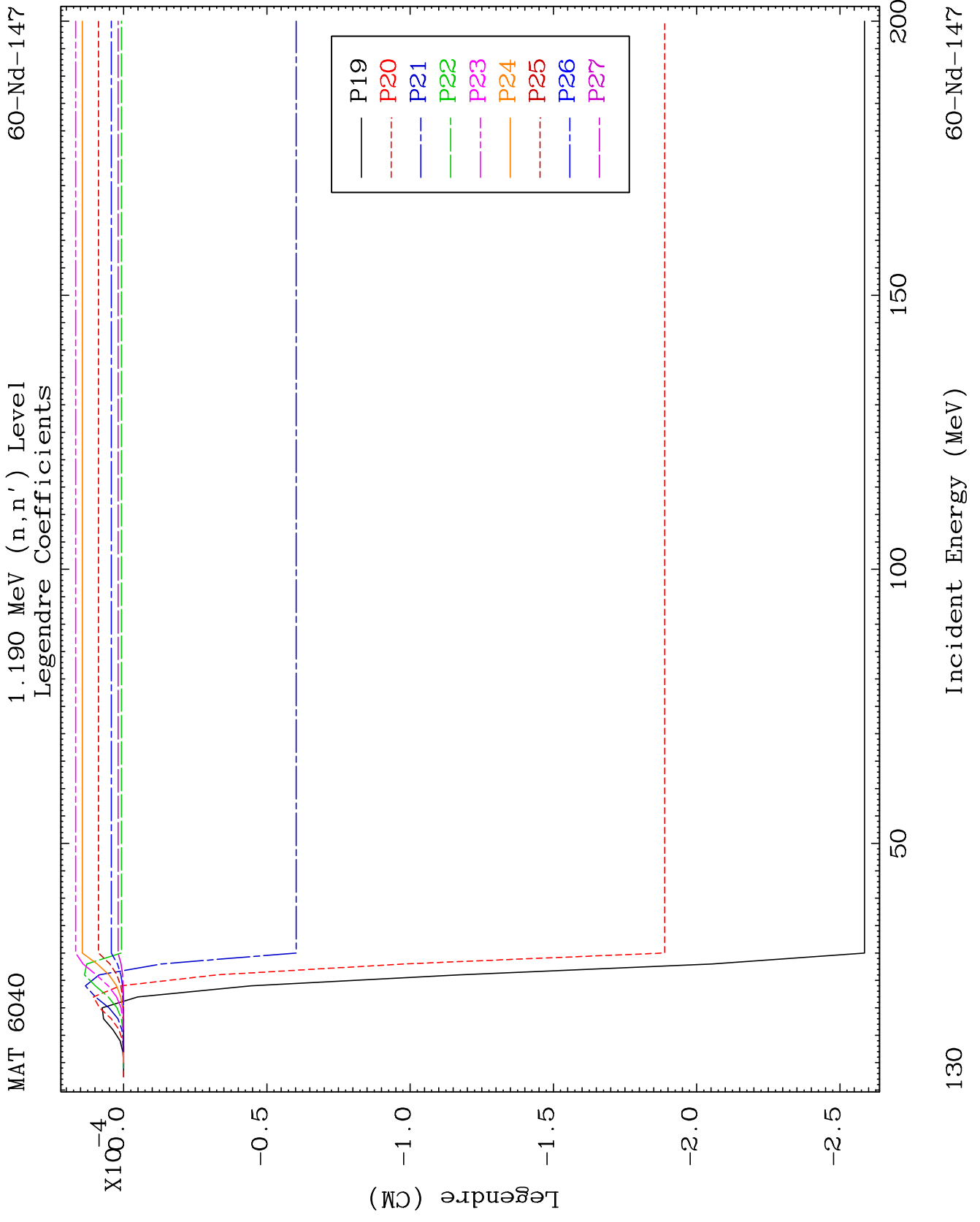


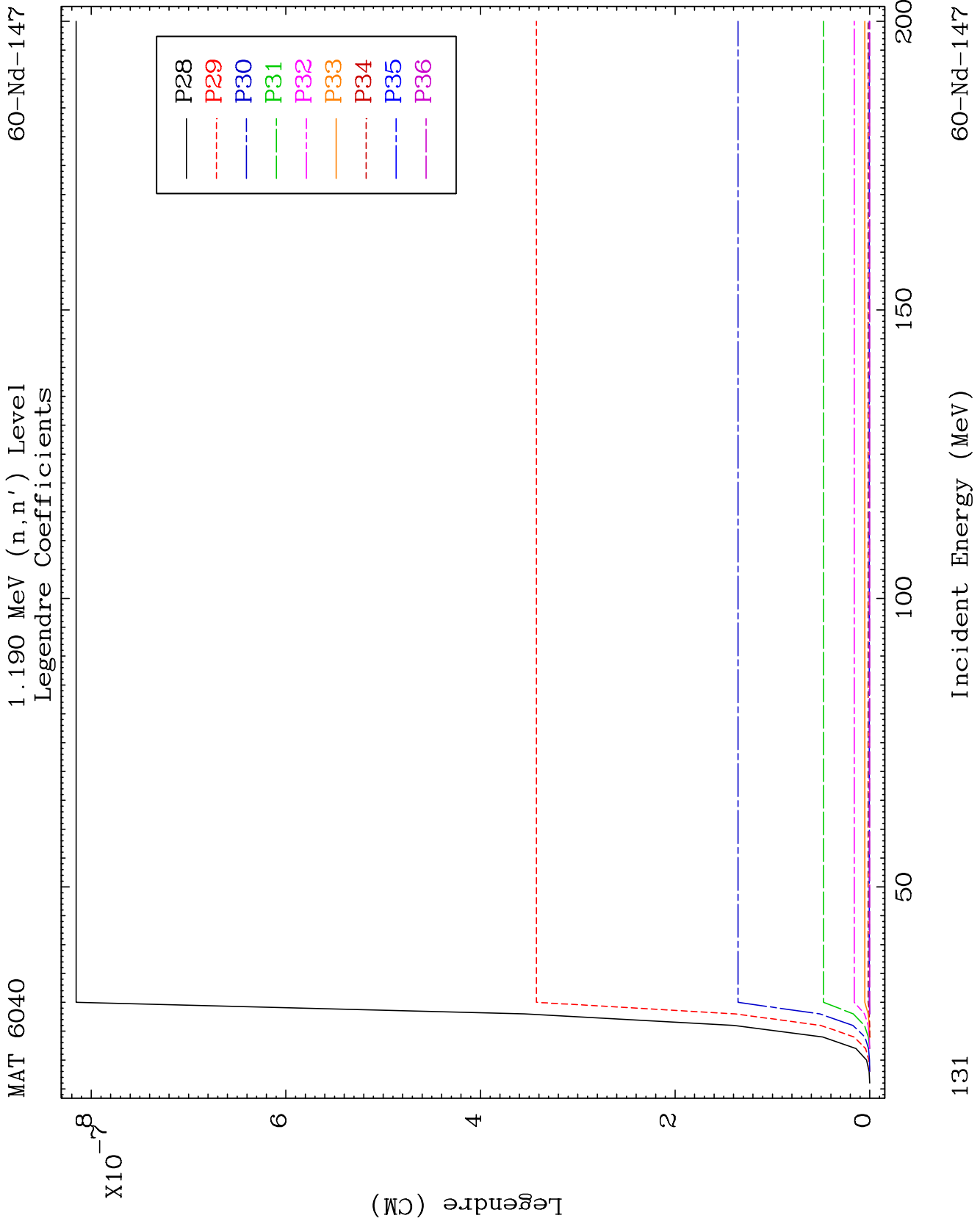


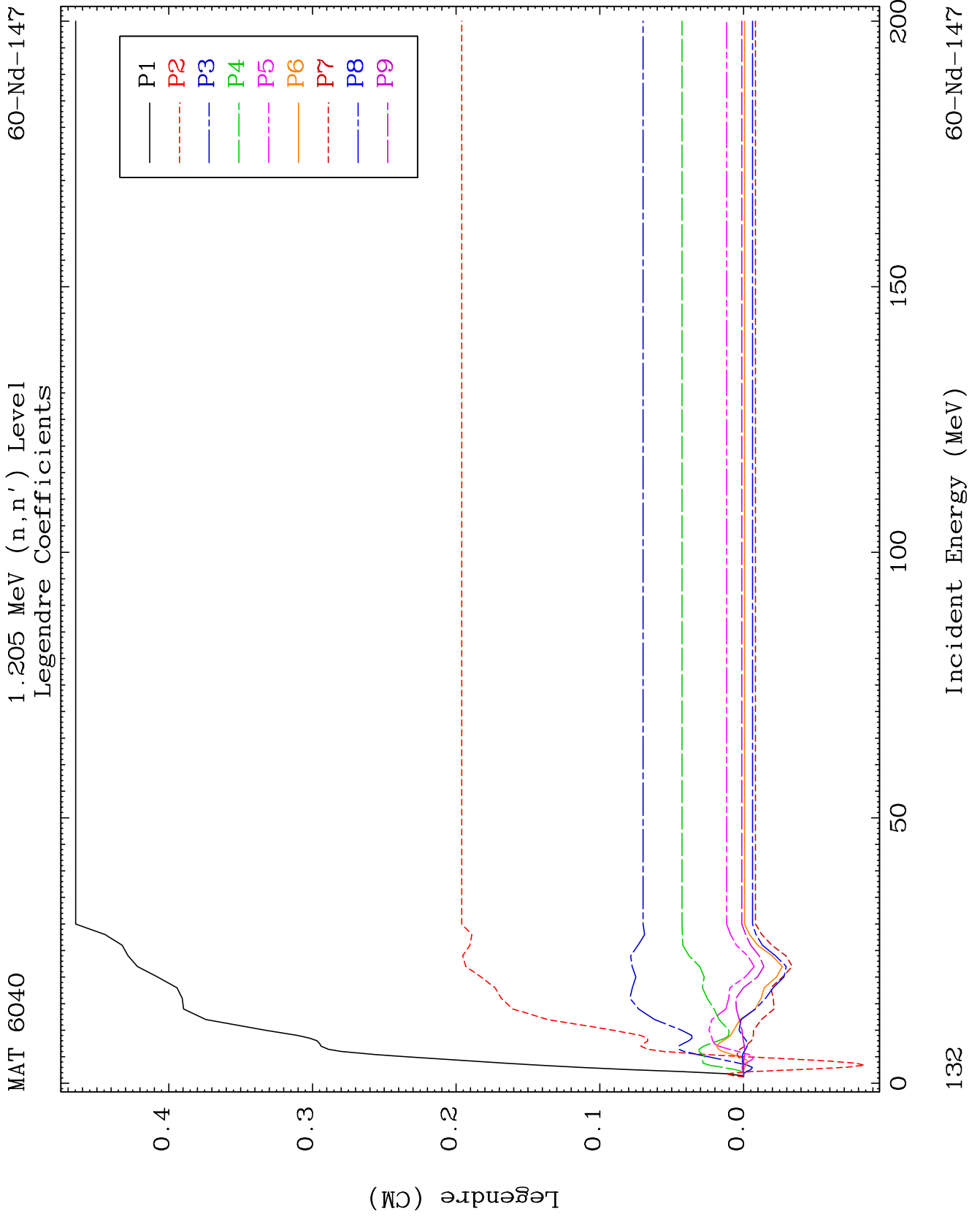


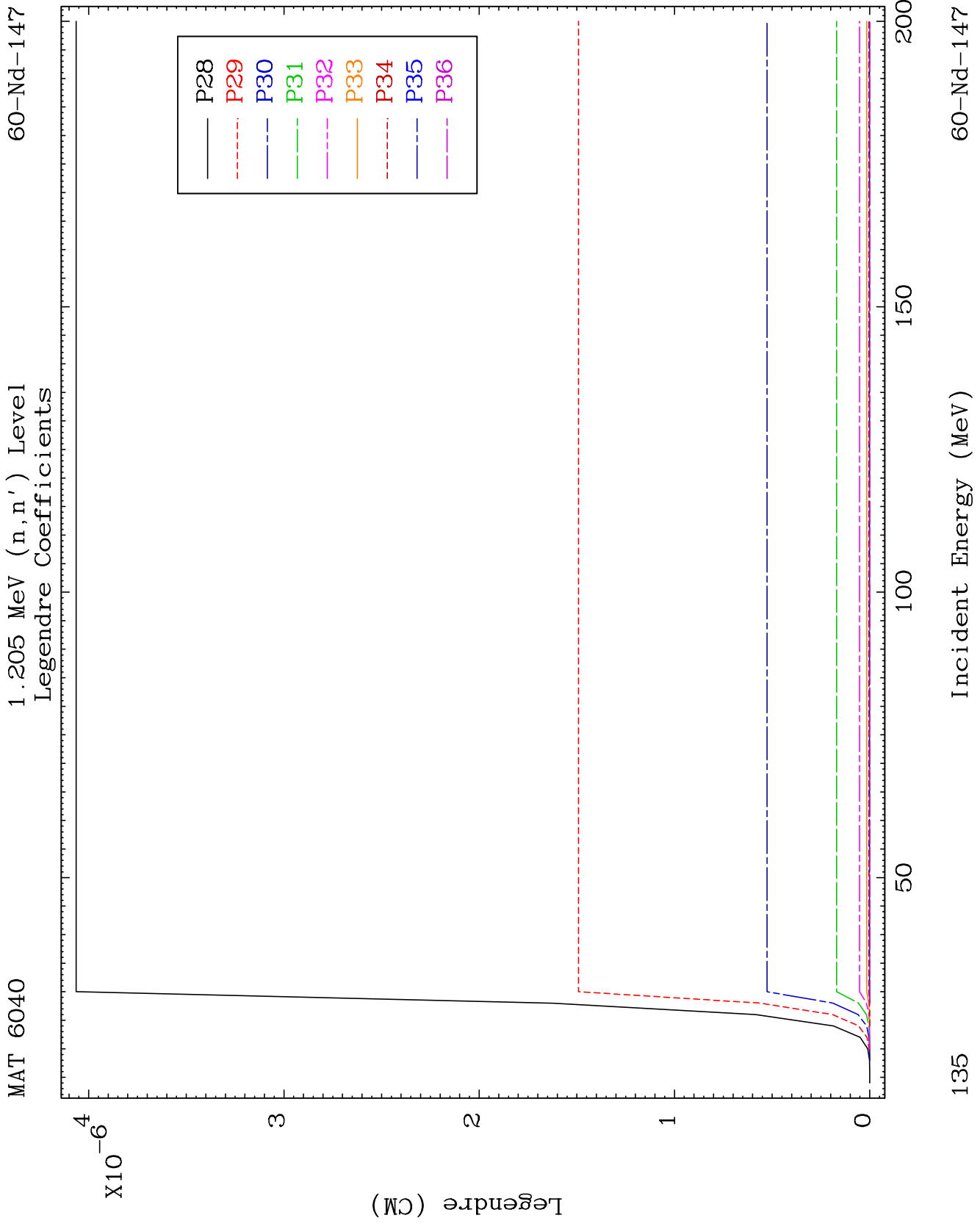


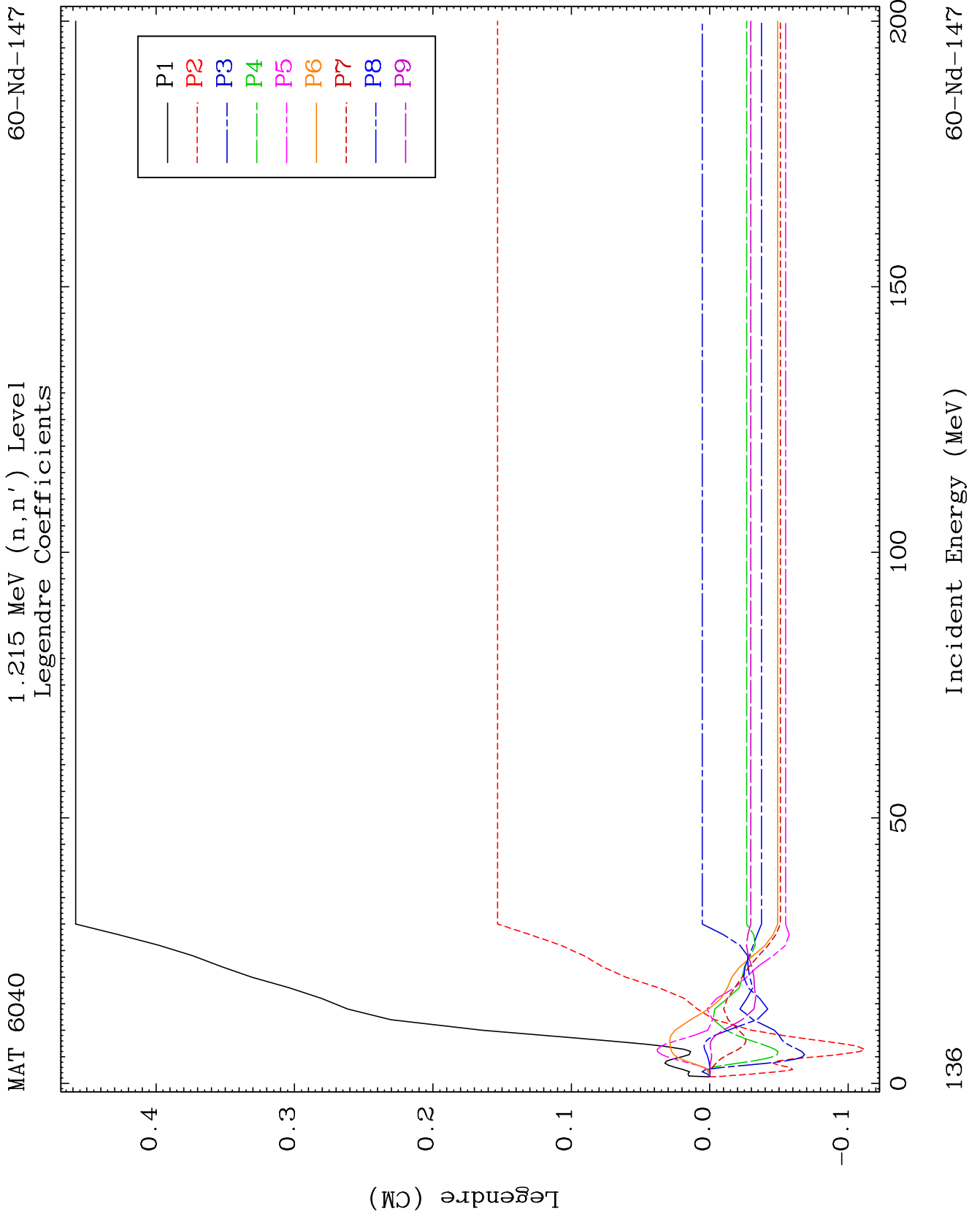


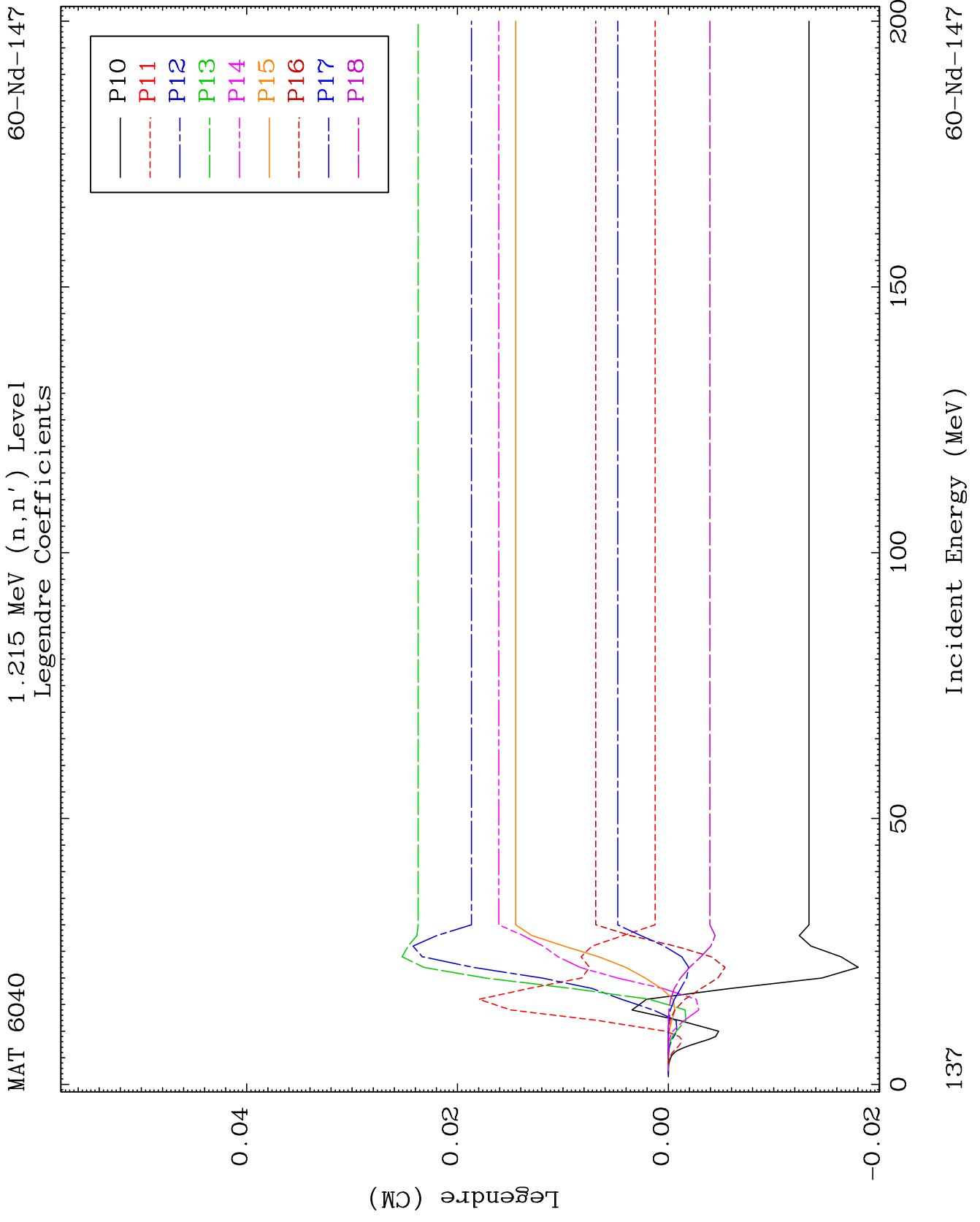


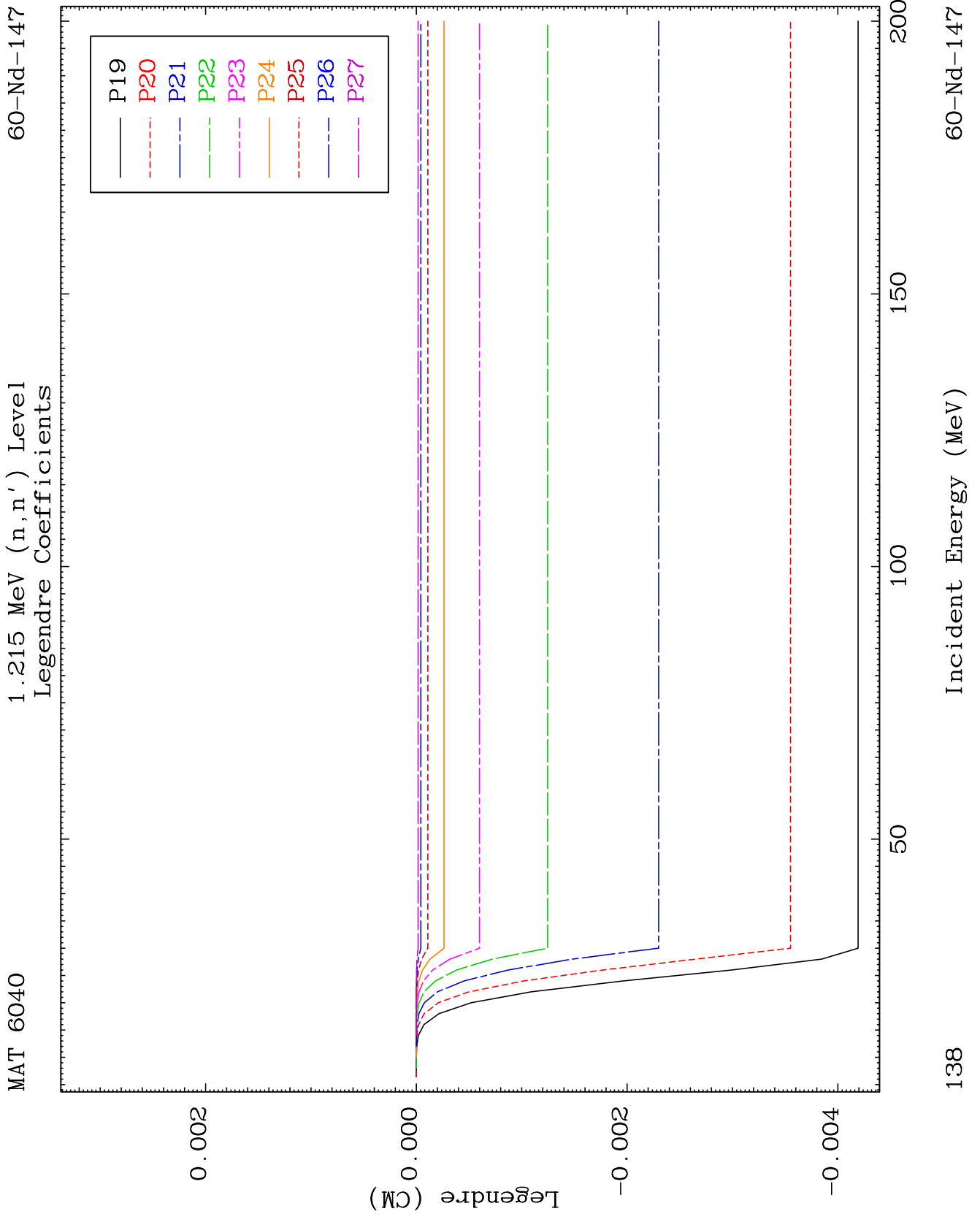


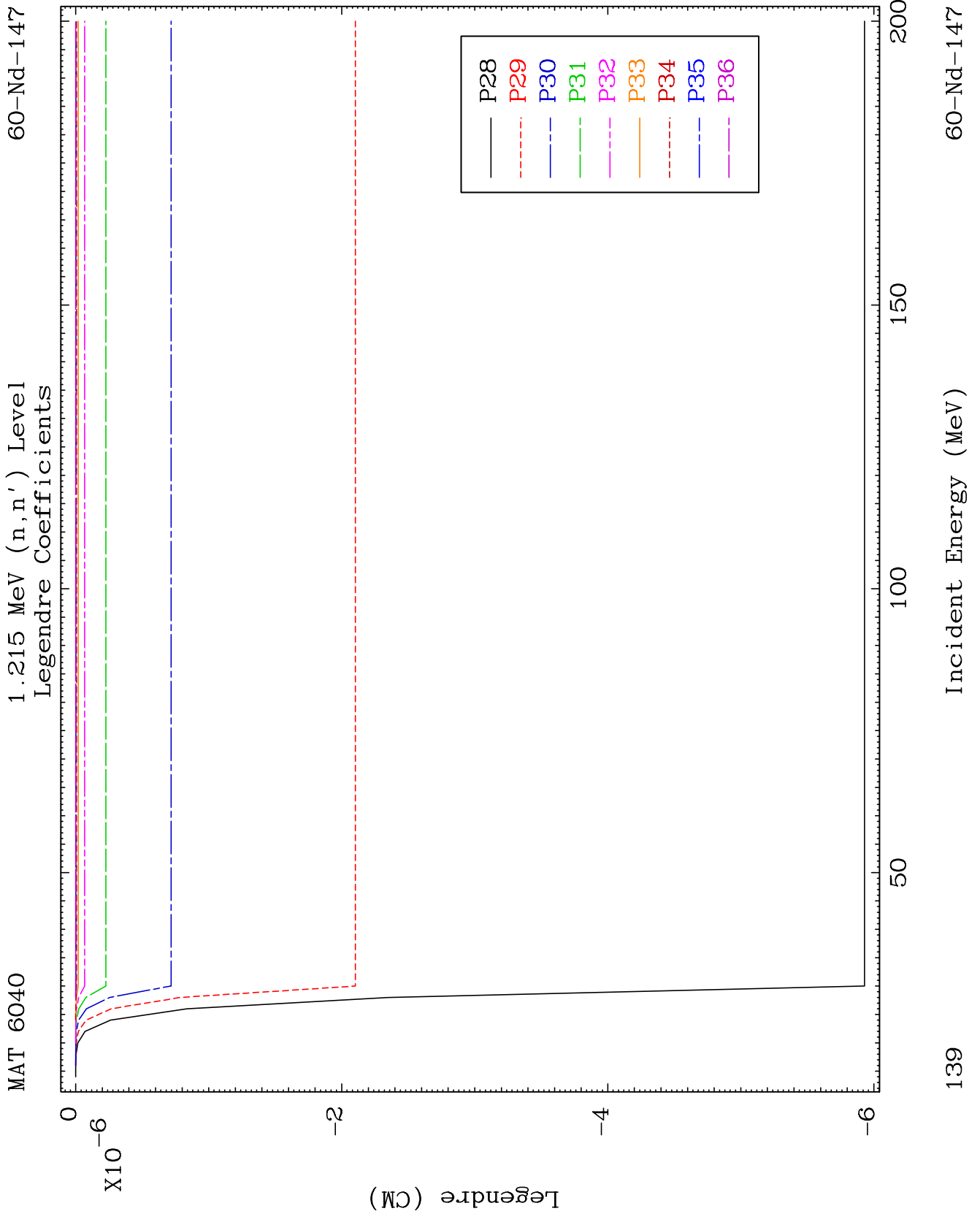










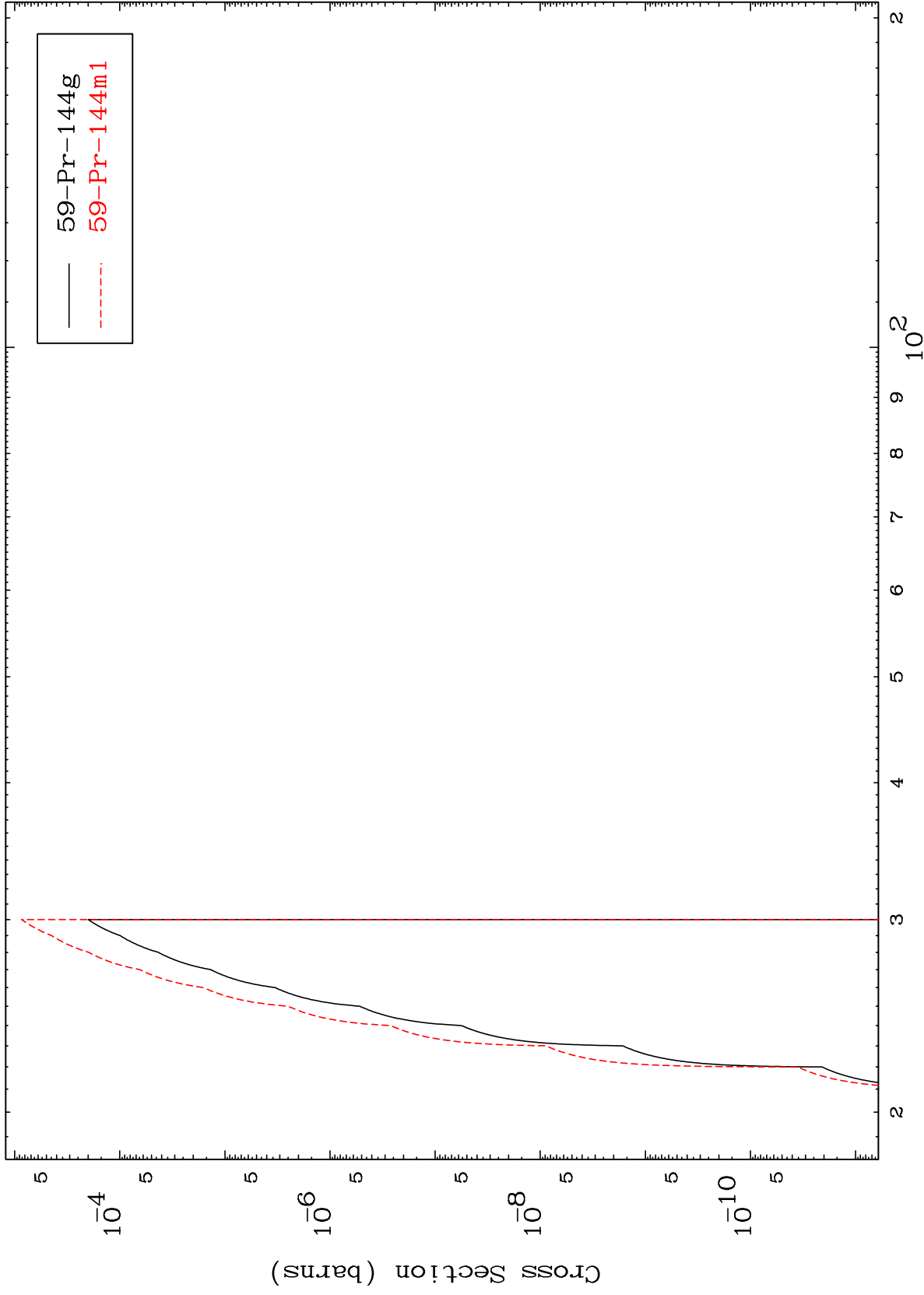


MAT 6040

(n,2n) d

60-Nd-147

Radionuclide Production Cross Section



140

Incident Energy (MeV)

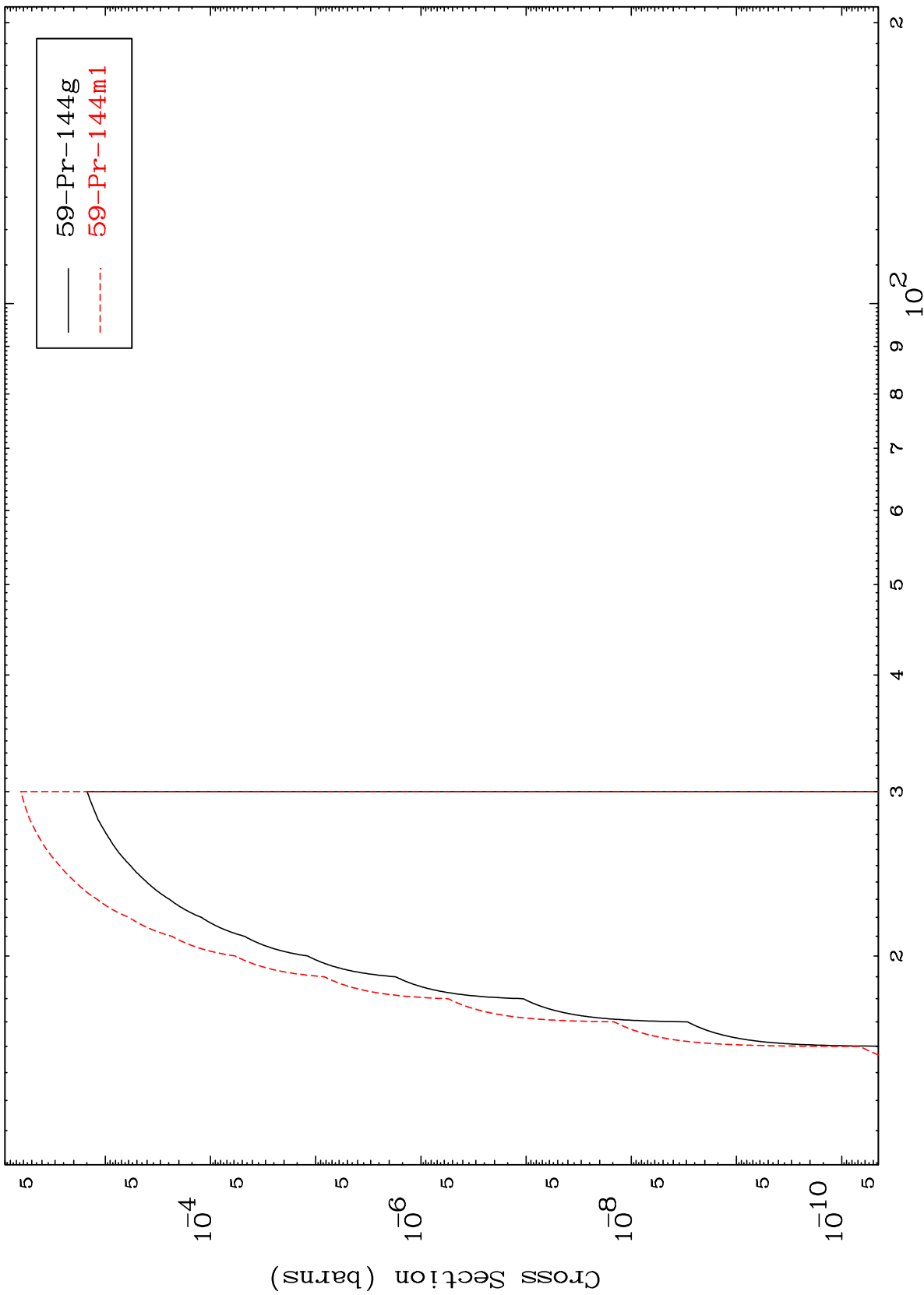
60-Nd-147

MAT 6040

(n,n') t

60-Nd-147

Radionuclide Production Cross Section



141

Incident Energy (MeV)

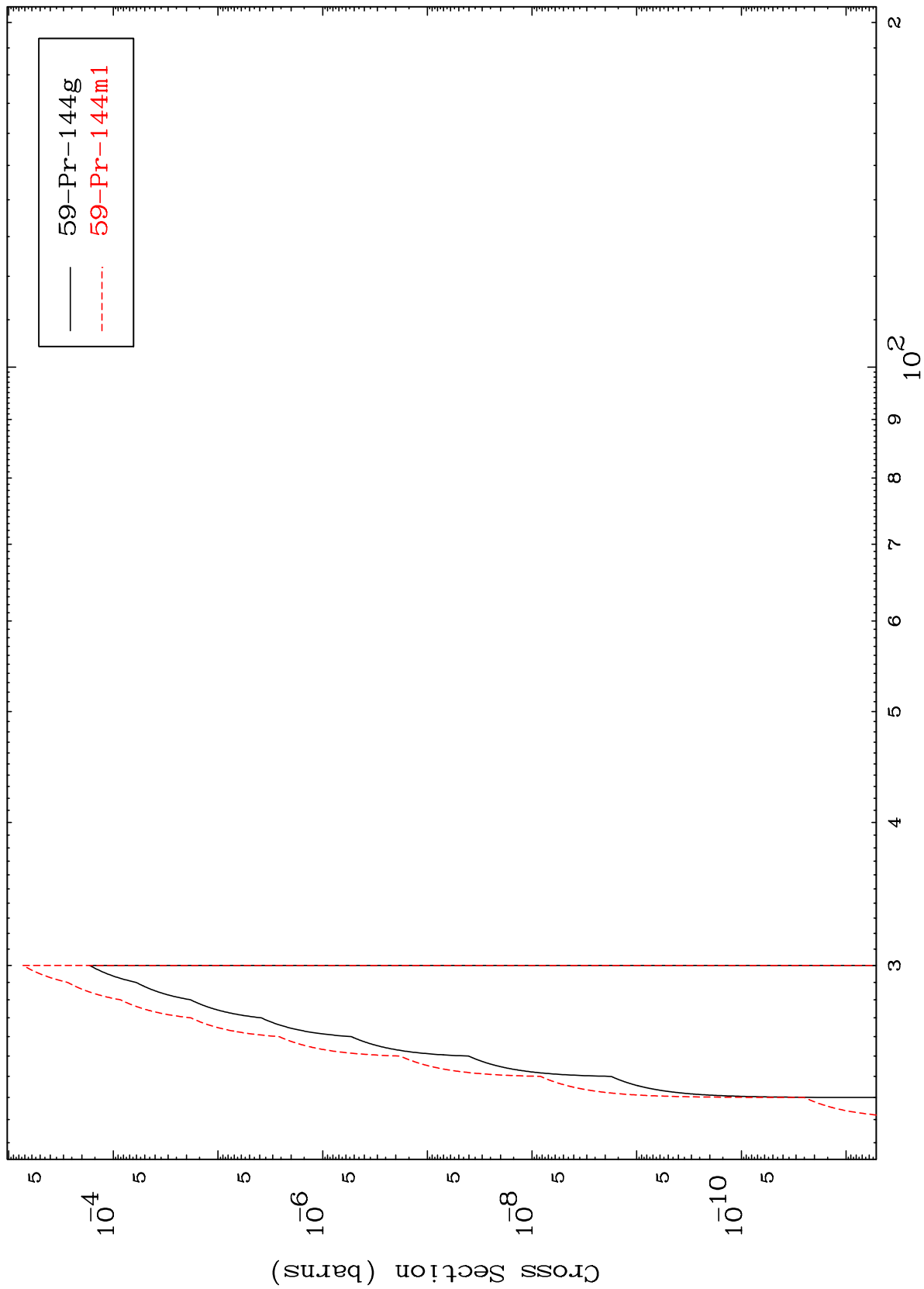
60-Nd-147

MAT 6040

(n,3n) p

60-Nd-147

Radionuclide Production Cross Section



142

Incident Energy (MeV)

60-Nd-147