

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

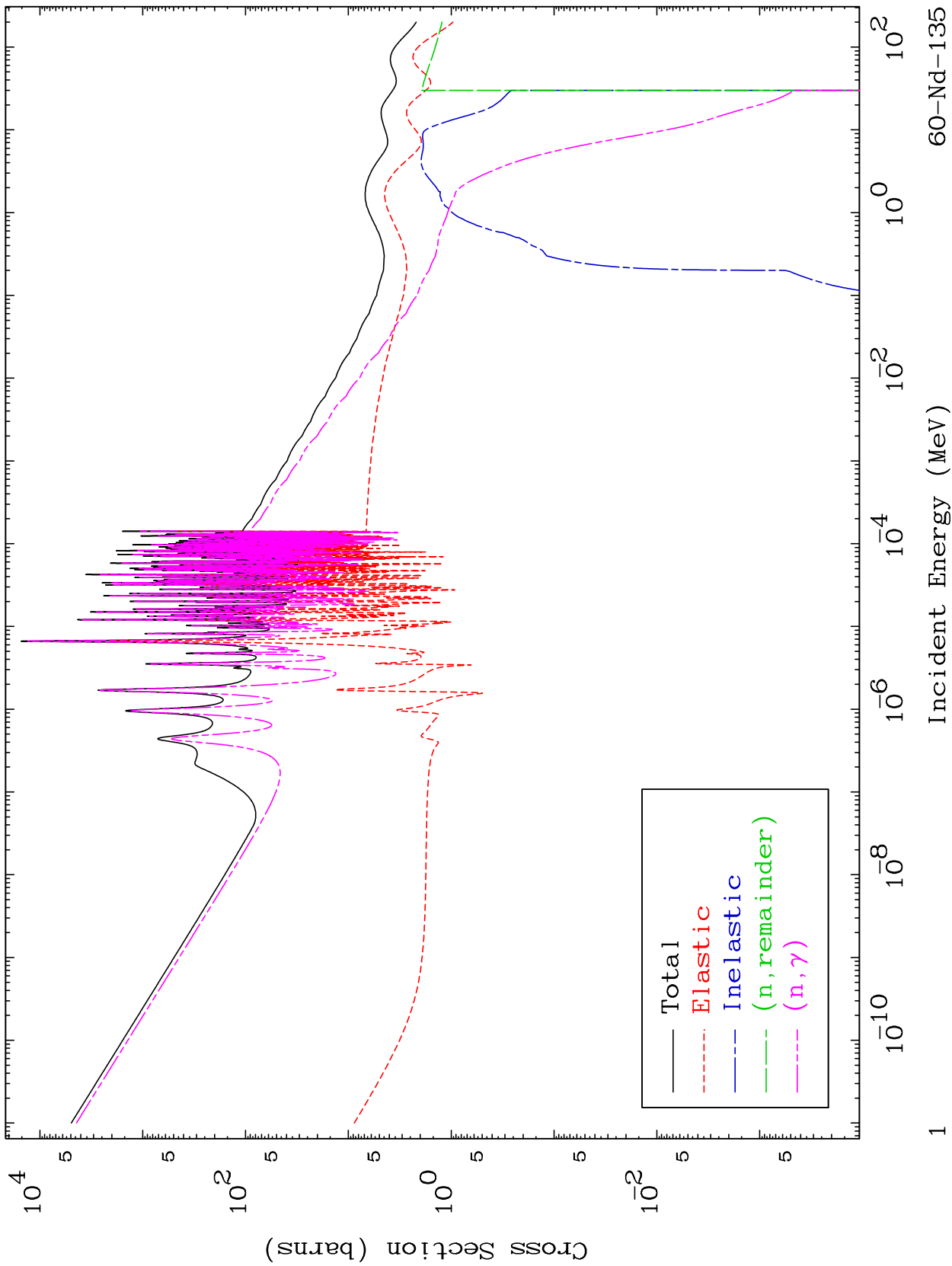
Press Mouse Button to Start

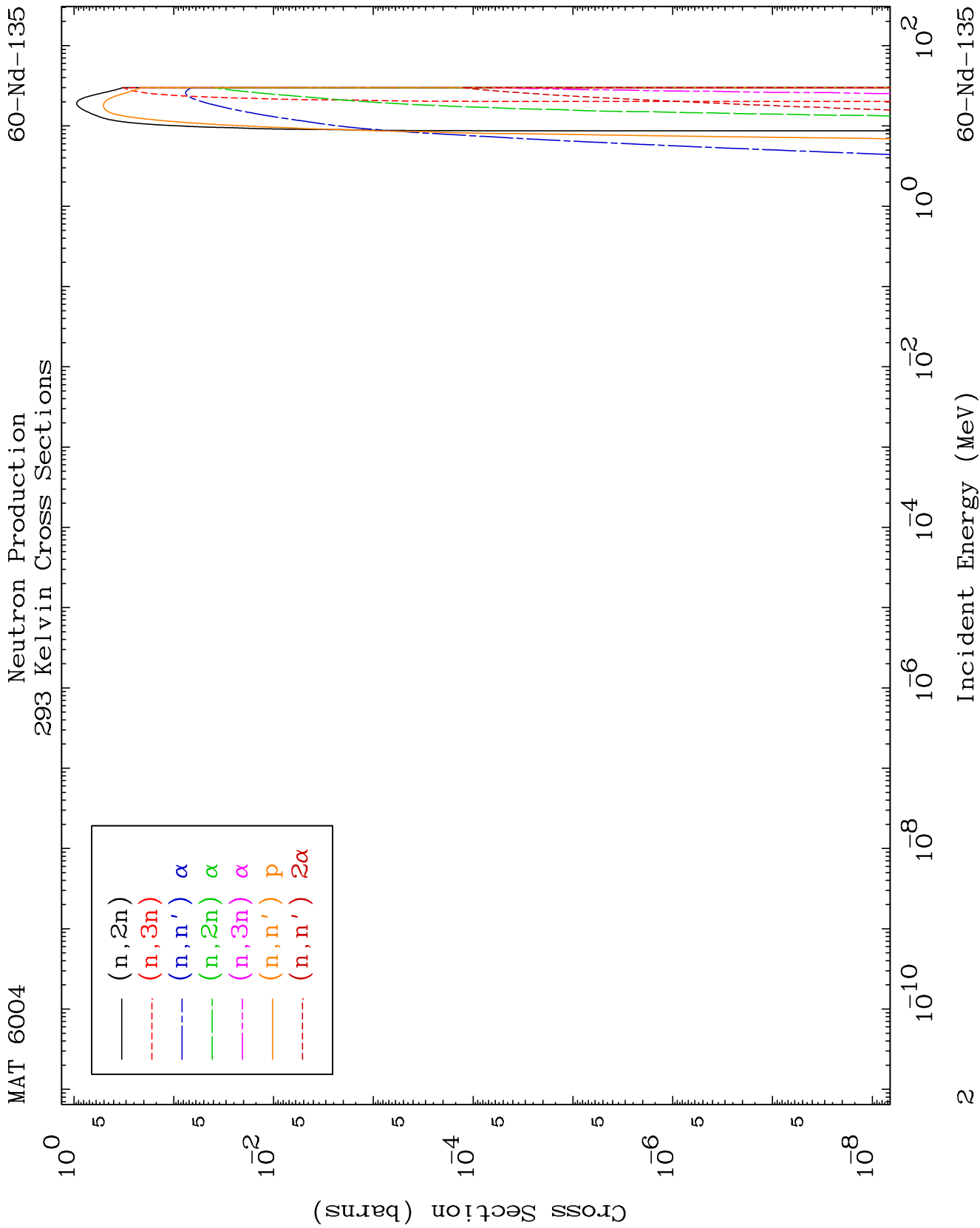
MAT 6004

Major

60-Nd-135

293 Kelvin Cross Sections

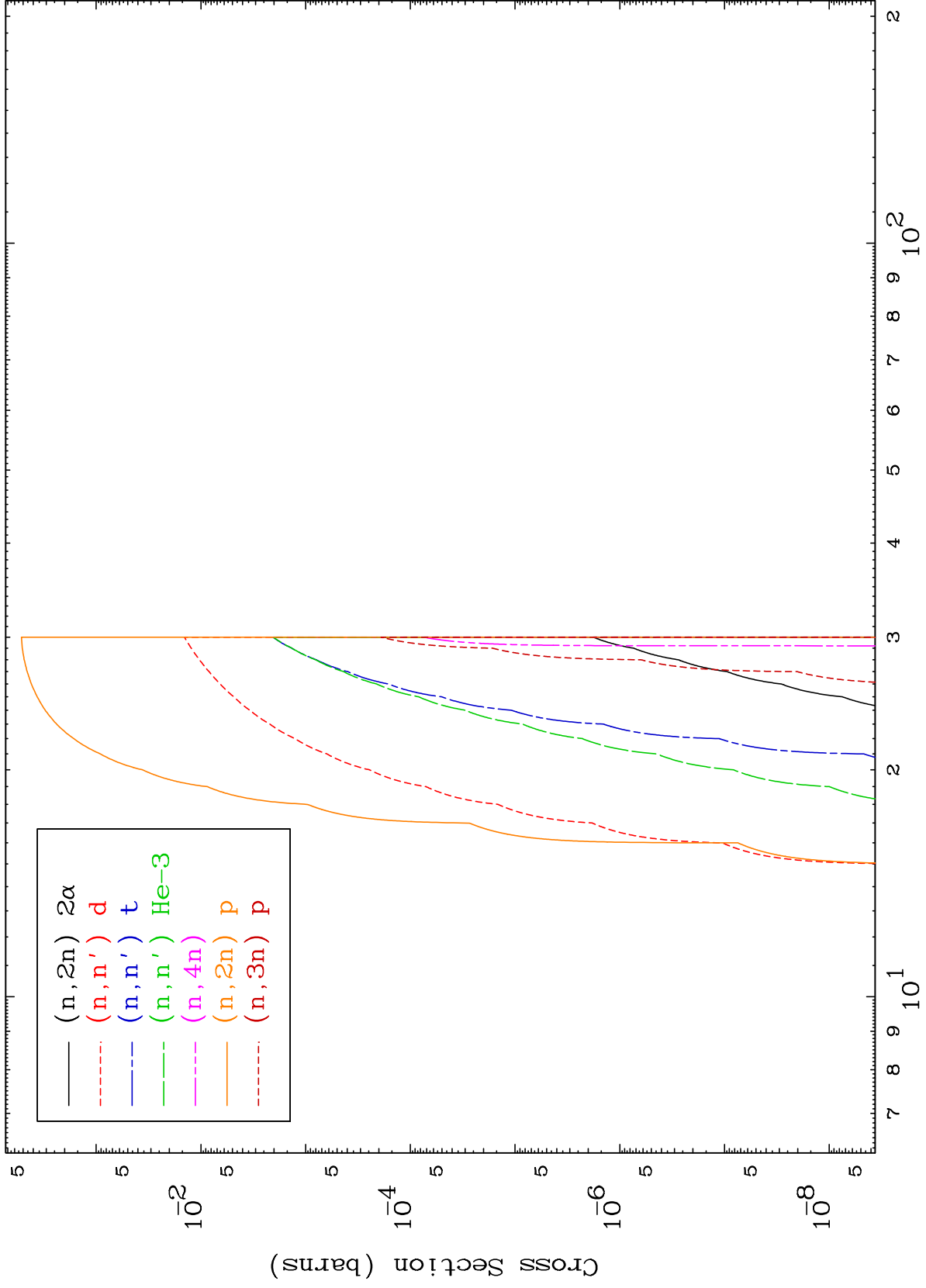




MAT 6004

Neutron Production
293 Kelvin Cross Sections

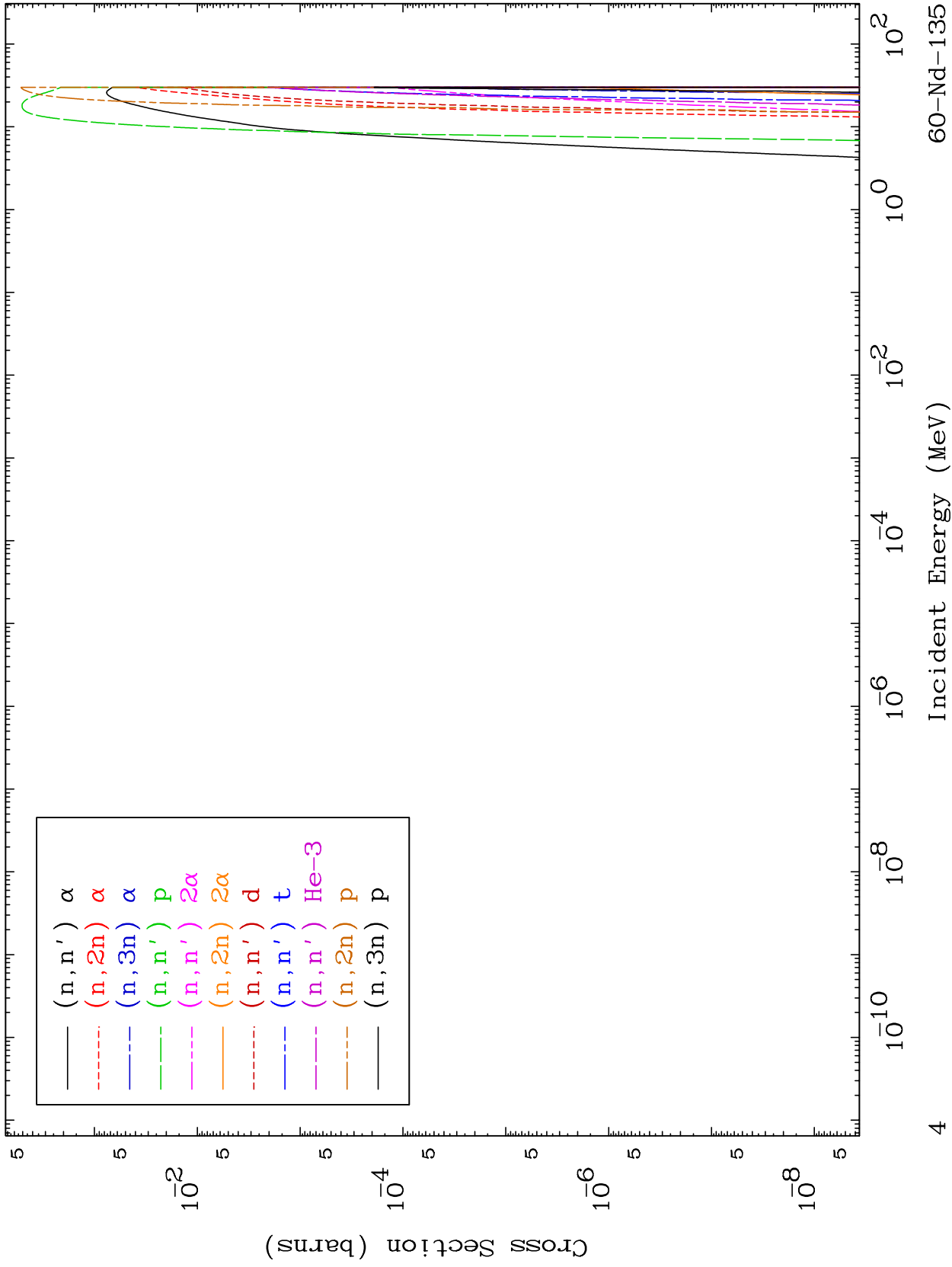
60-Nd-135



MAT 6004

Charged Particle
293 Kelvin Cross Sections

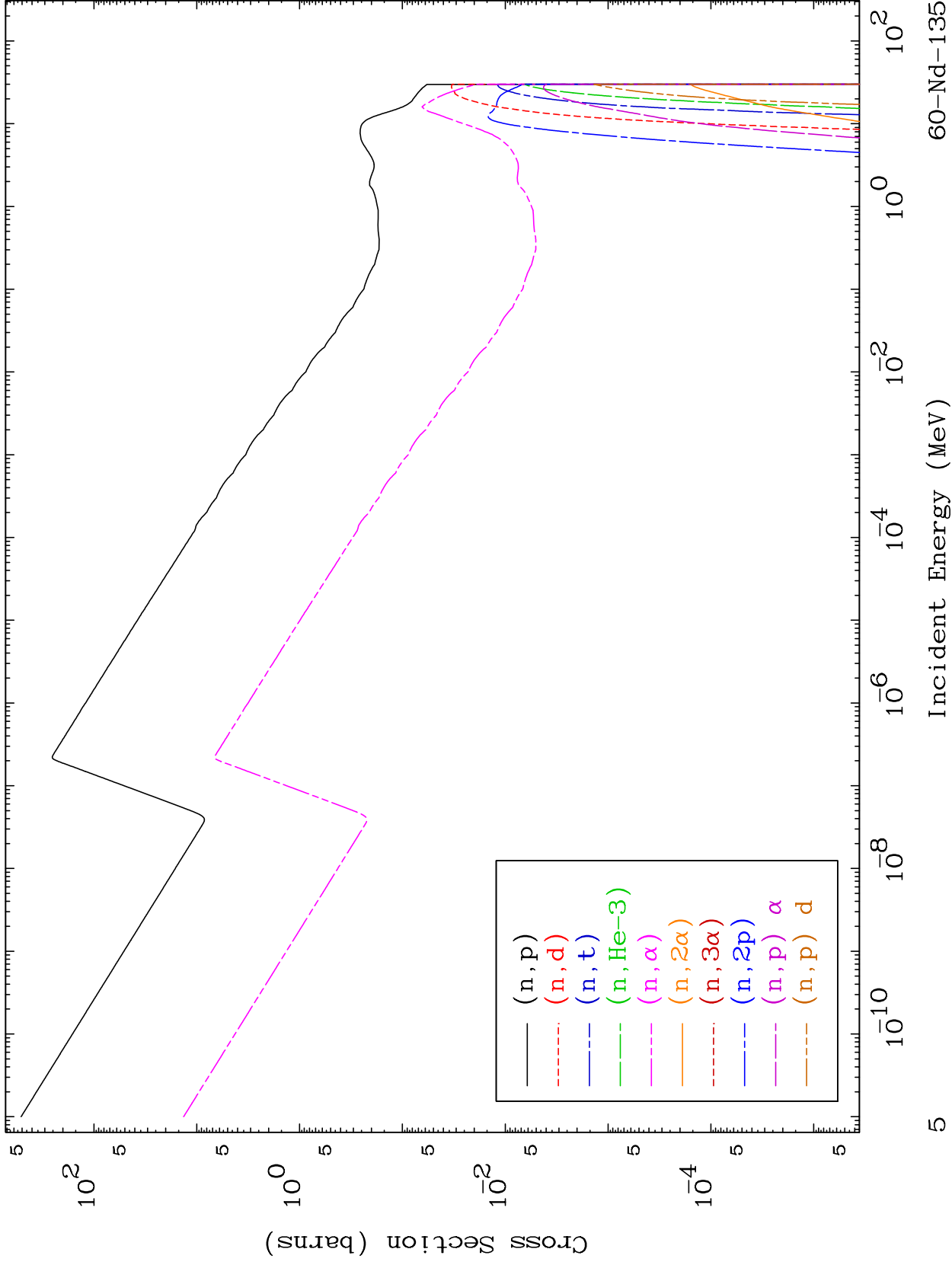
60-Nd-135



MAT 6004

Charged Particle
293 Kelvin Cross Sections

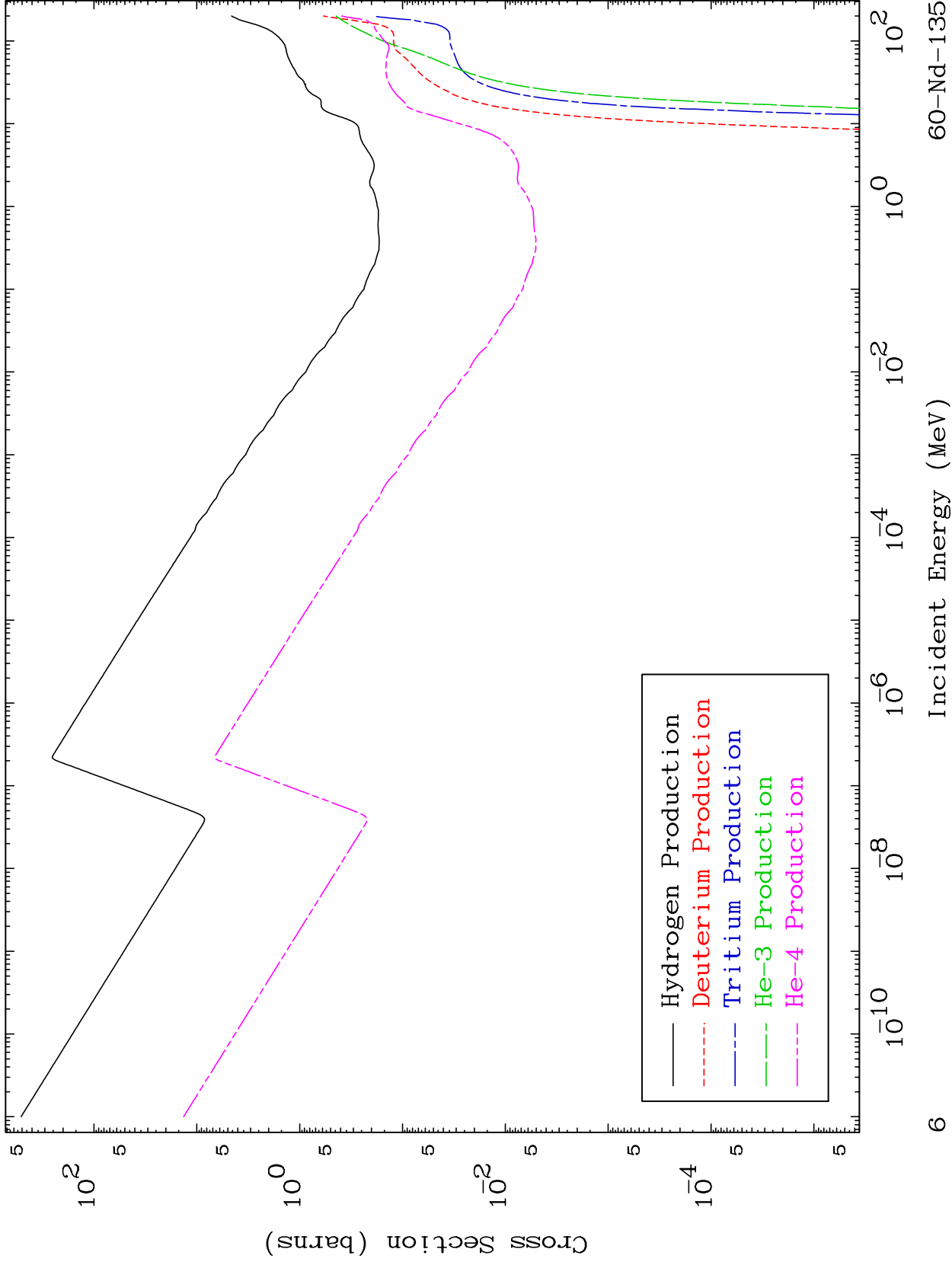
60-Nd-135



MAT 6004

Particle Production
293 Kelvin Cross Sections

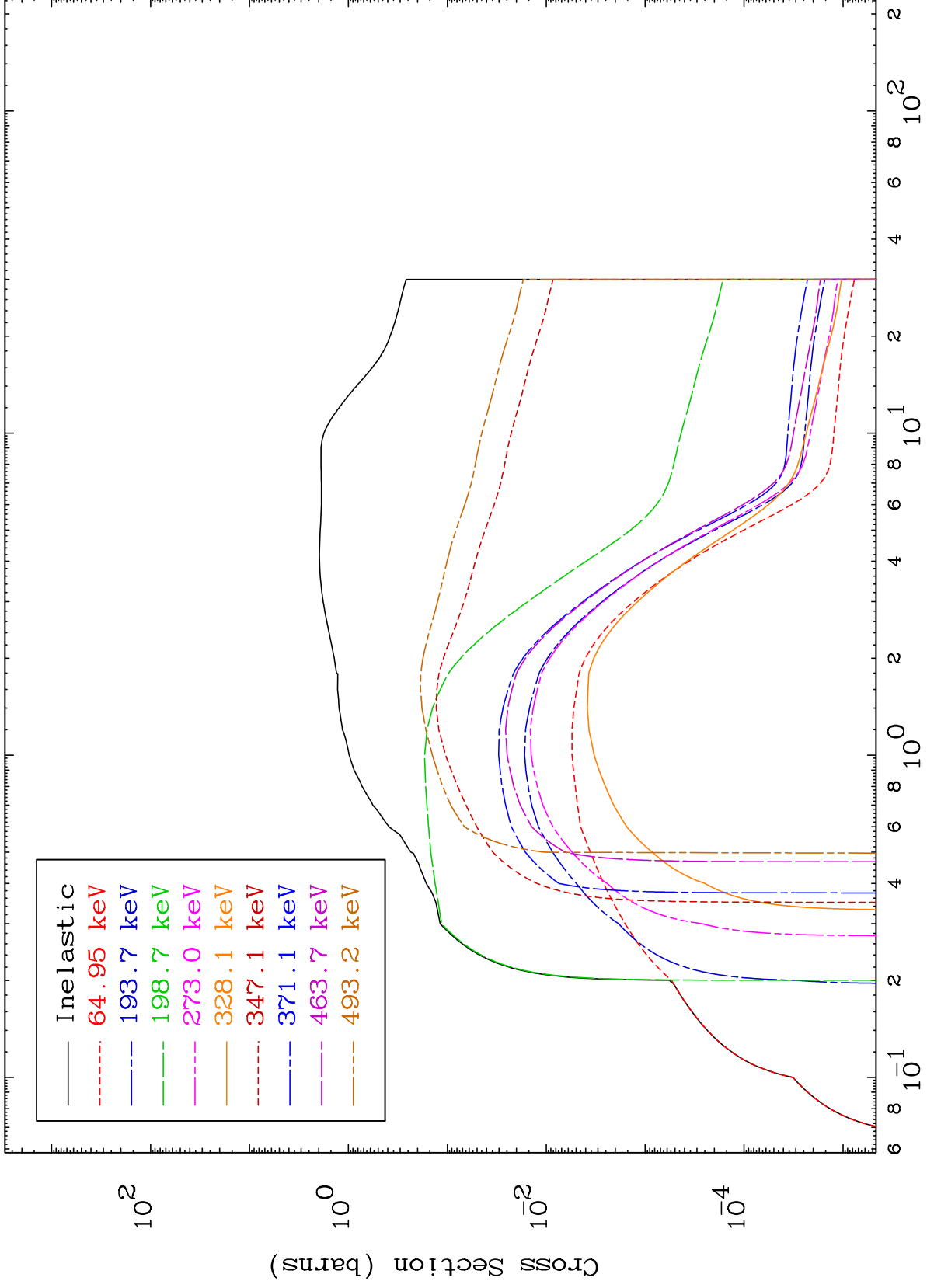
60-Nd-135



MAT 6004

(n,n') Level
293 Kelvin Cross Sections

60-Nd-135

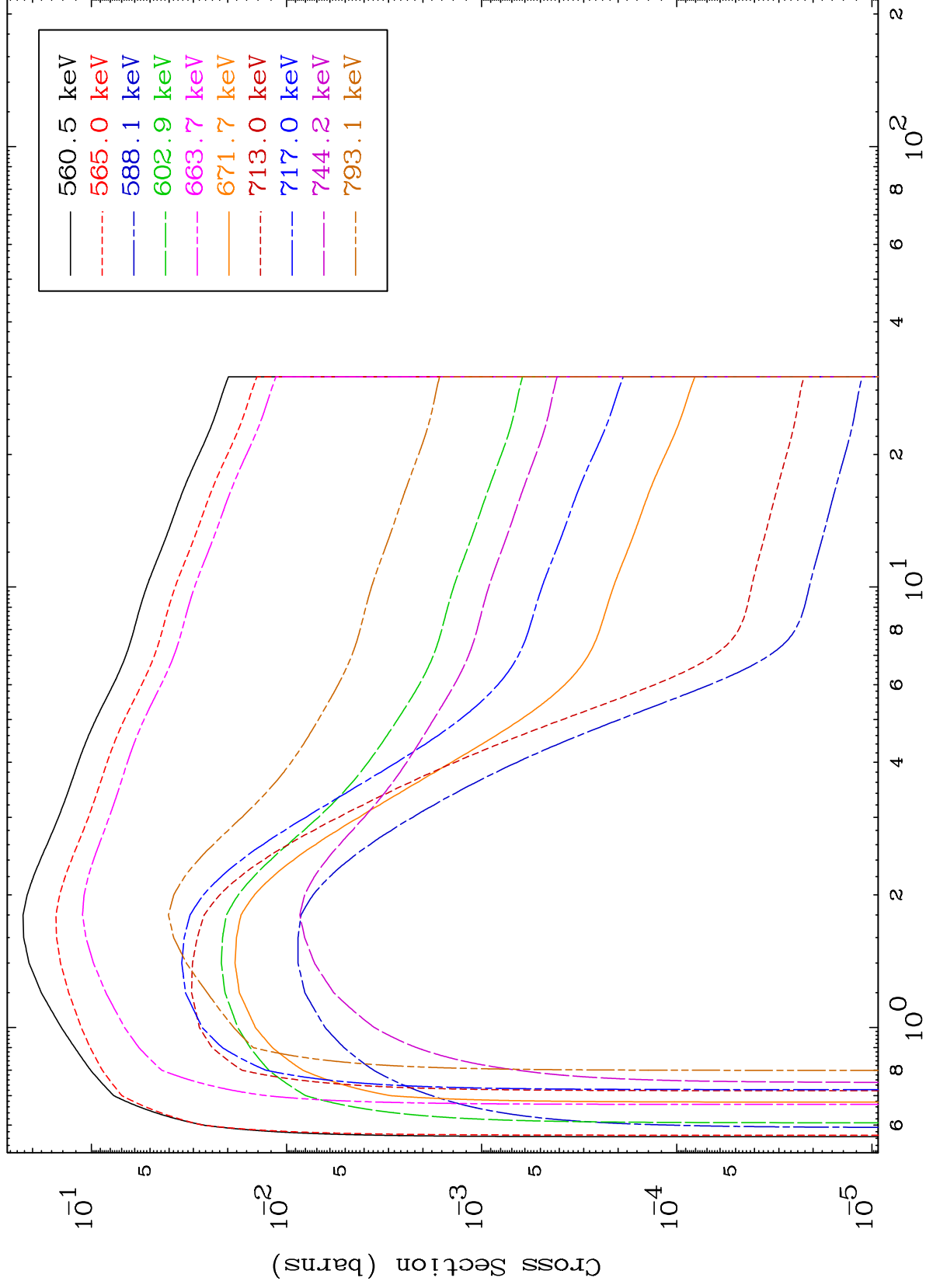


MAT 6004

(n,n') Level

60-Nd-135

293 Kelvin Cross Sections



8

Incident Energy (MeV)

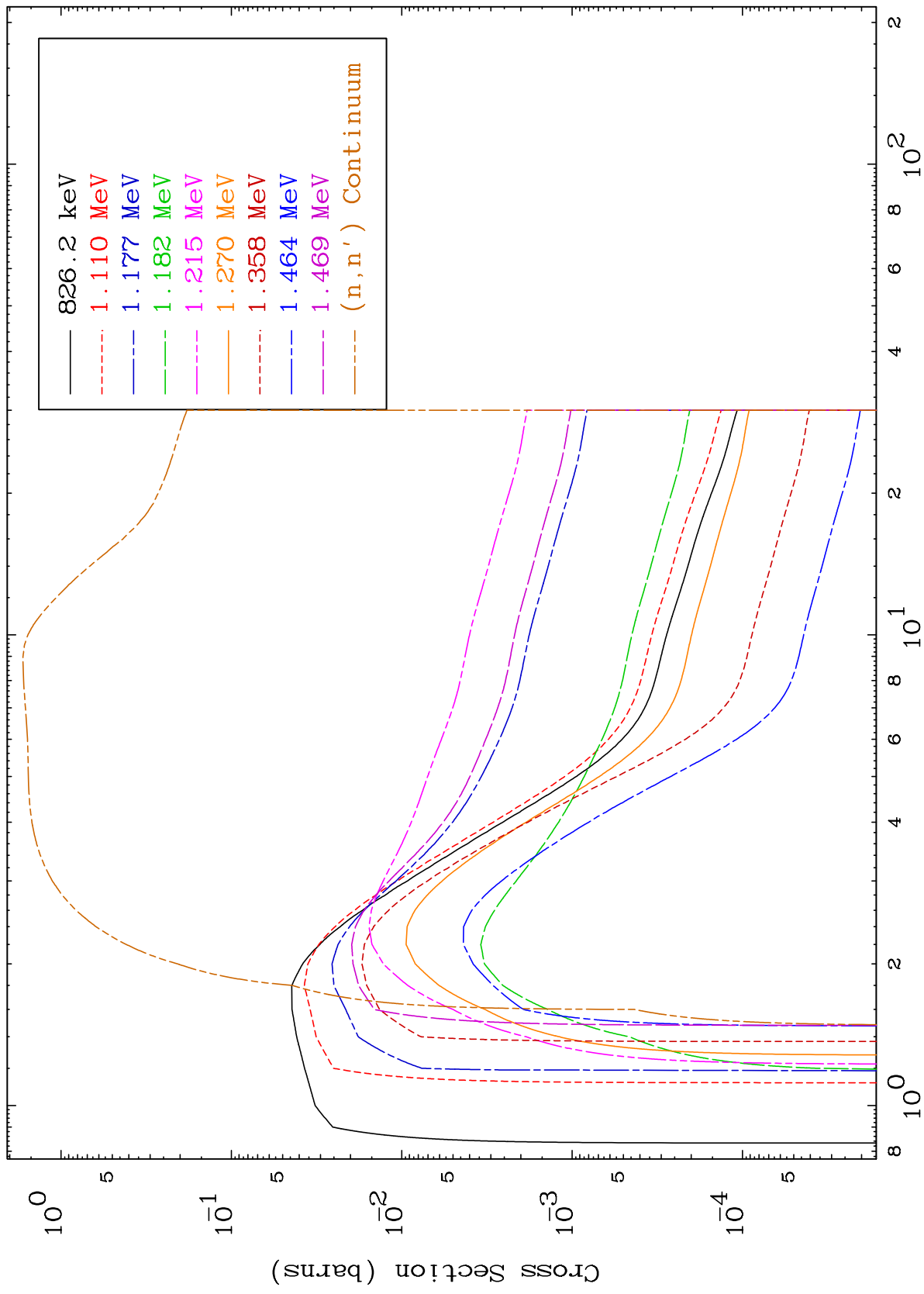
60-Nd-135

MAT 6004

(n,n') Level

60-Nd-135

293 Kelvin Cross Sections



9

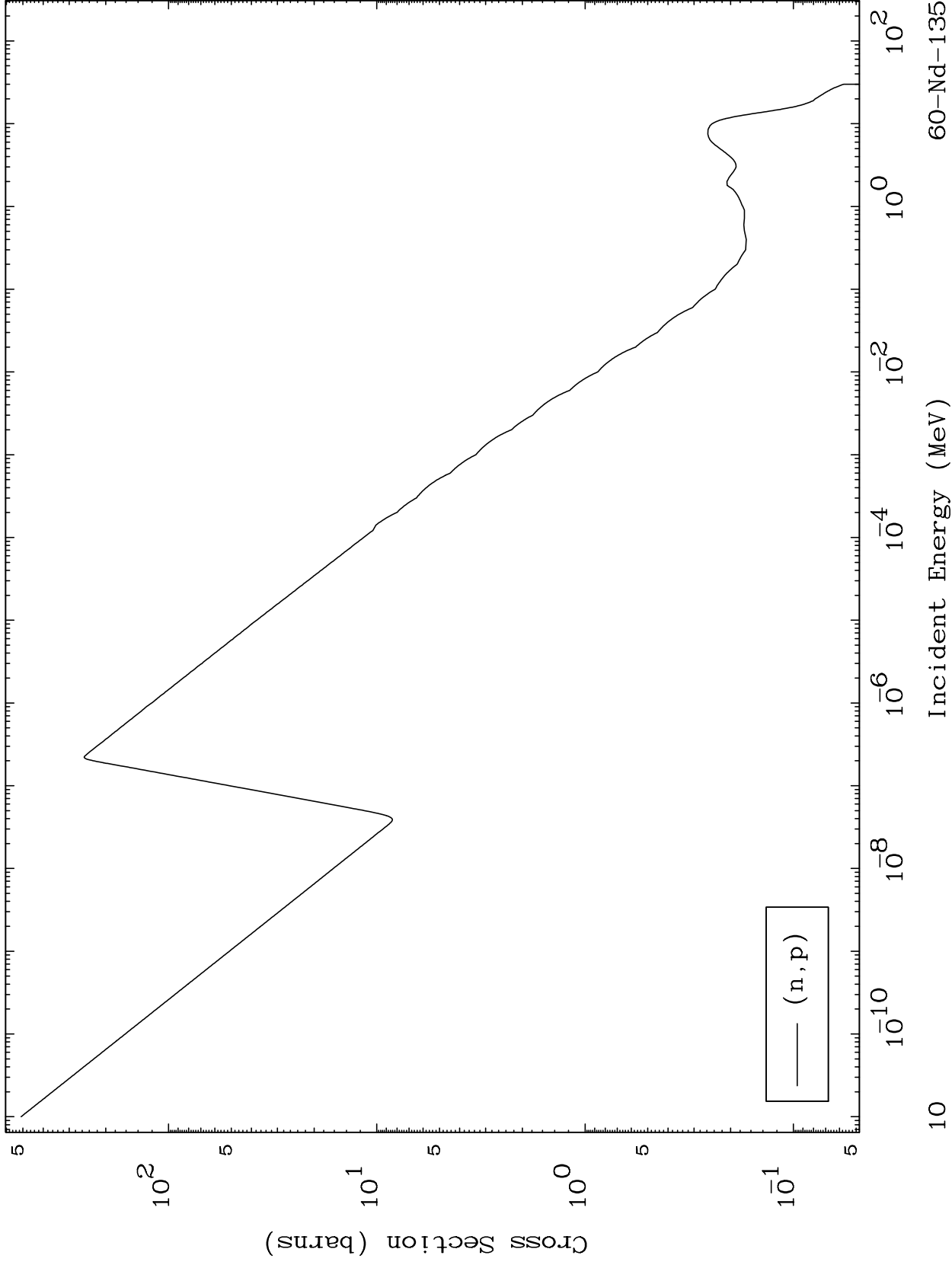
Incident Energy (MeV)

60-Nd-135

MAT 6004

(n,p) Levels
293 Kelvin Cross Sections

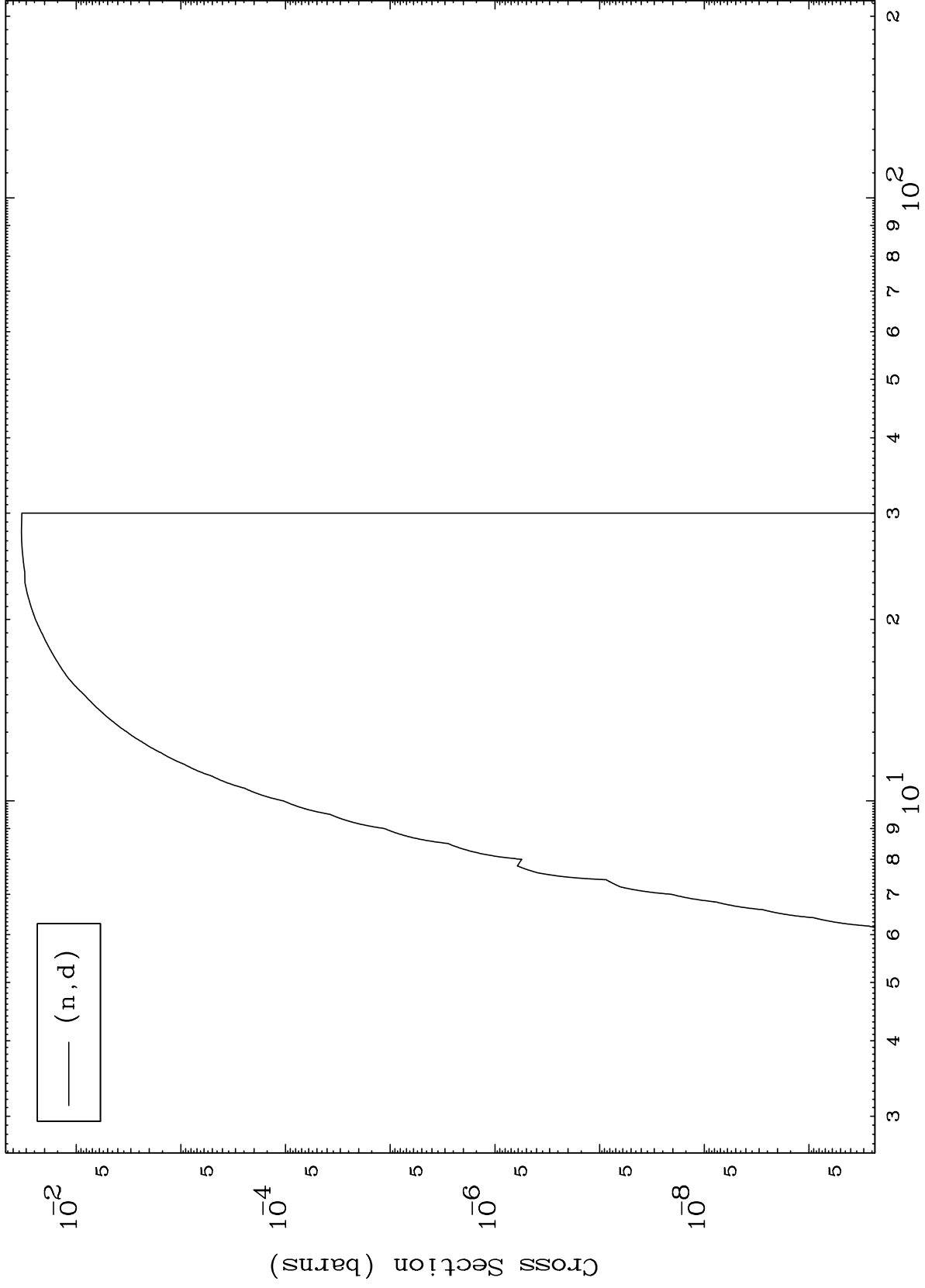
60-Nd-135



MAT 6004

(n,d) Levels
293 Kelvin Cross Sections

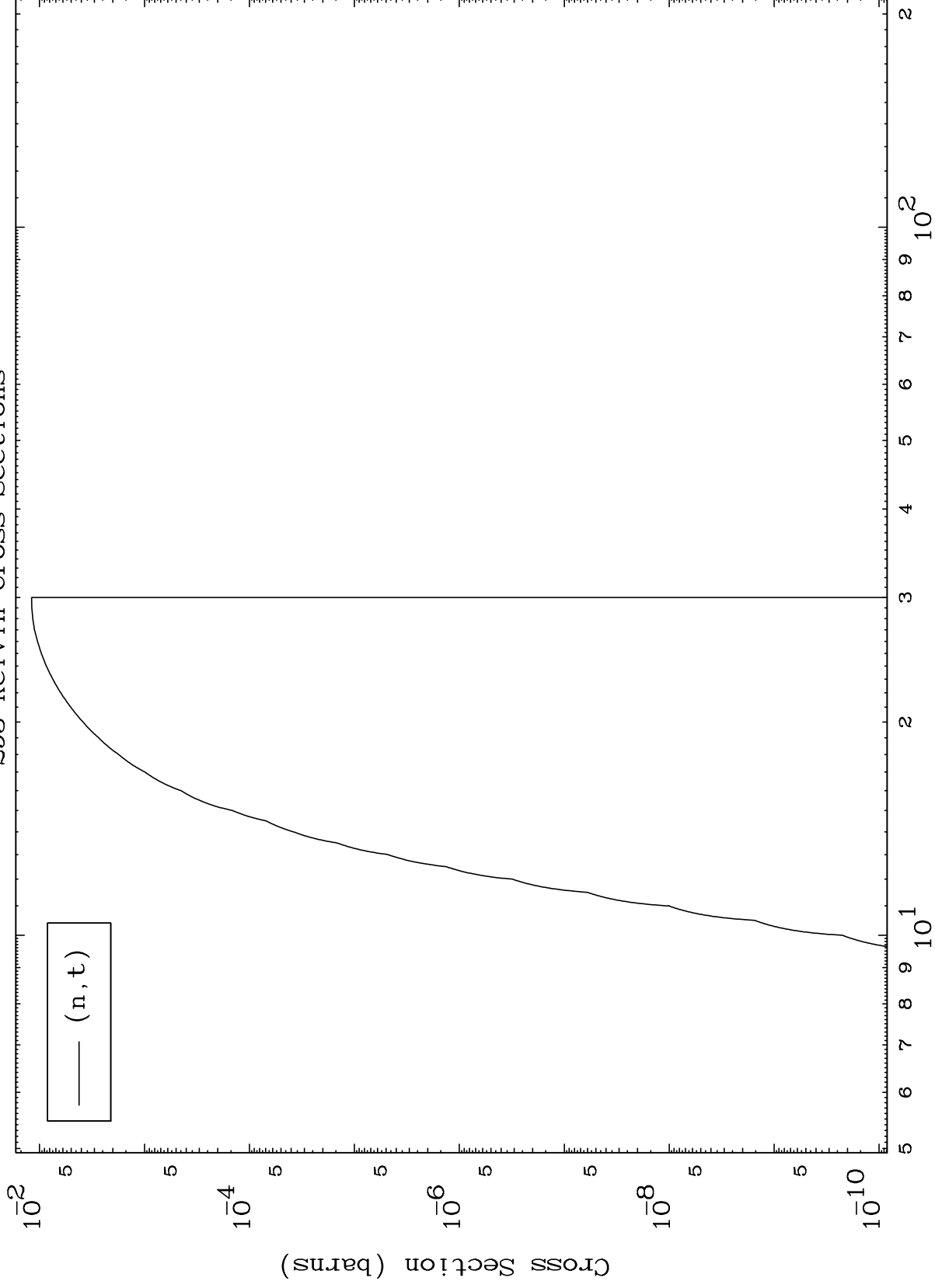
60-Nd-135



MAT 6004

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-135



12

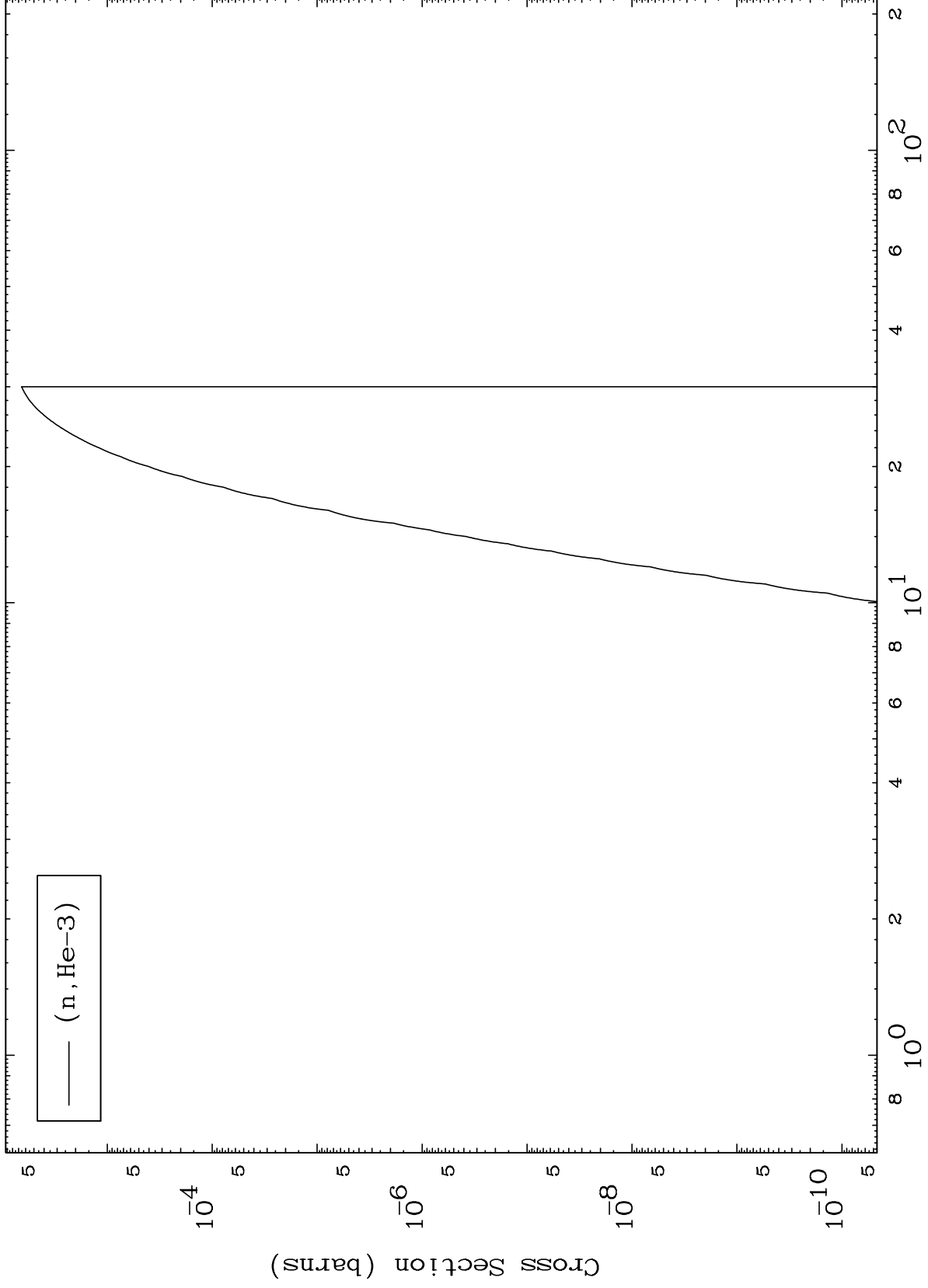
Incident Energy (MeV)

60-Nd-135

MAT 6004

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-135



13

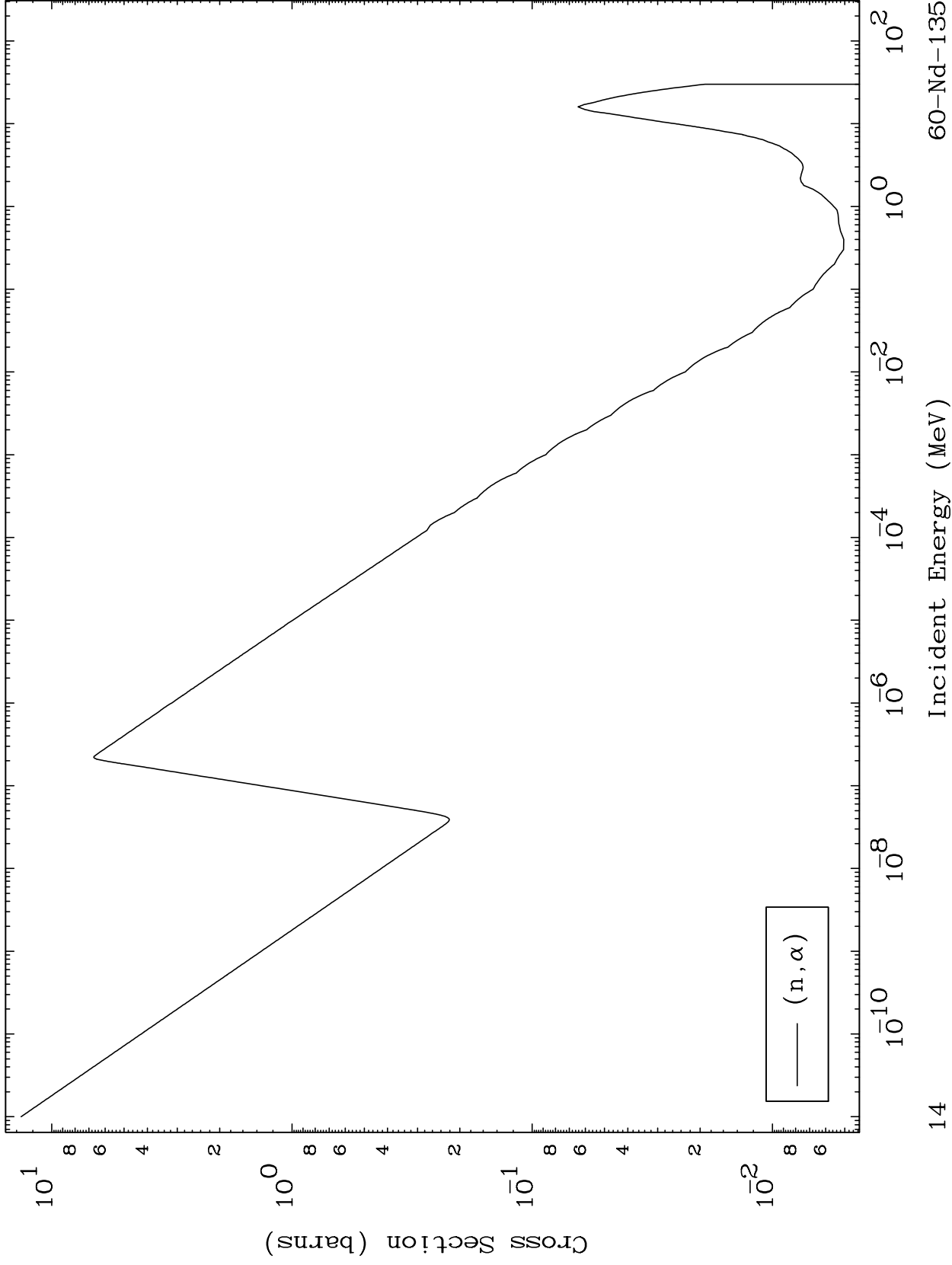
Incident Energy (MeV)

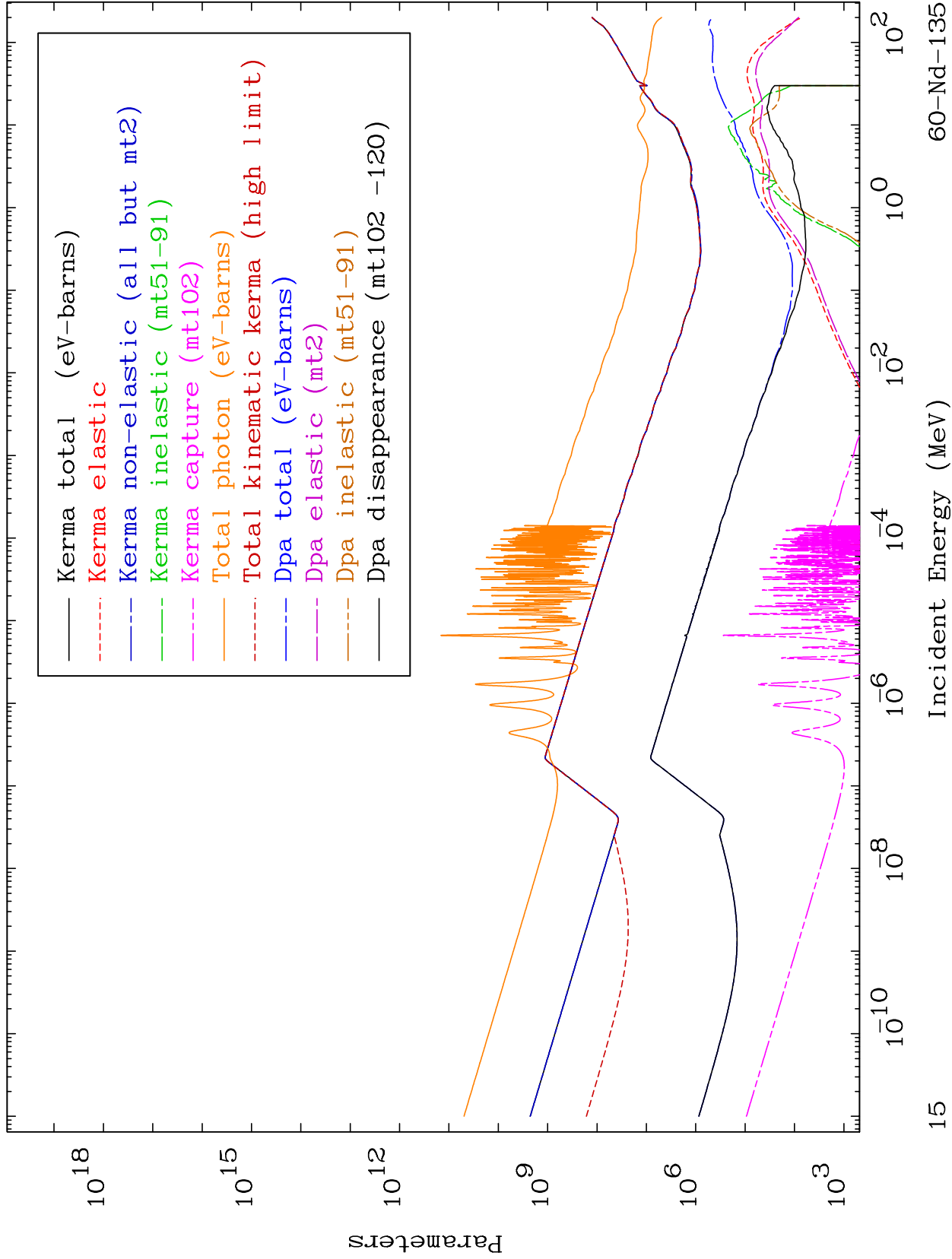
60-Nd-135

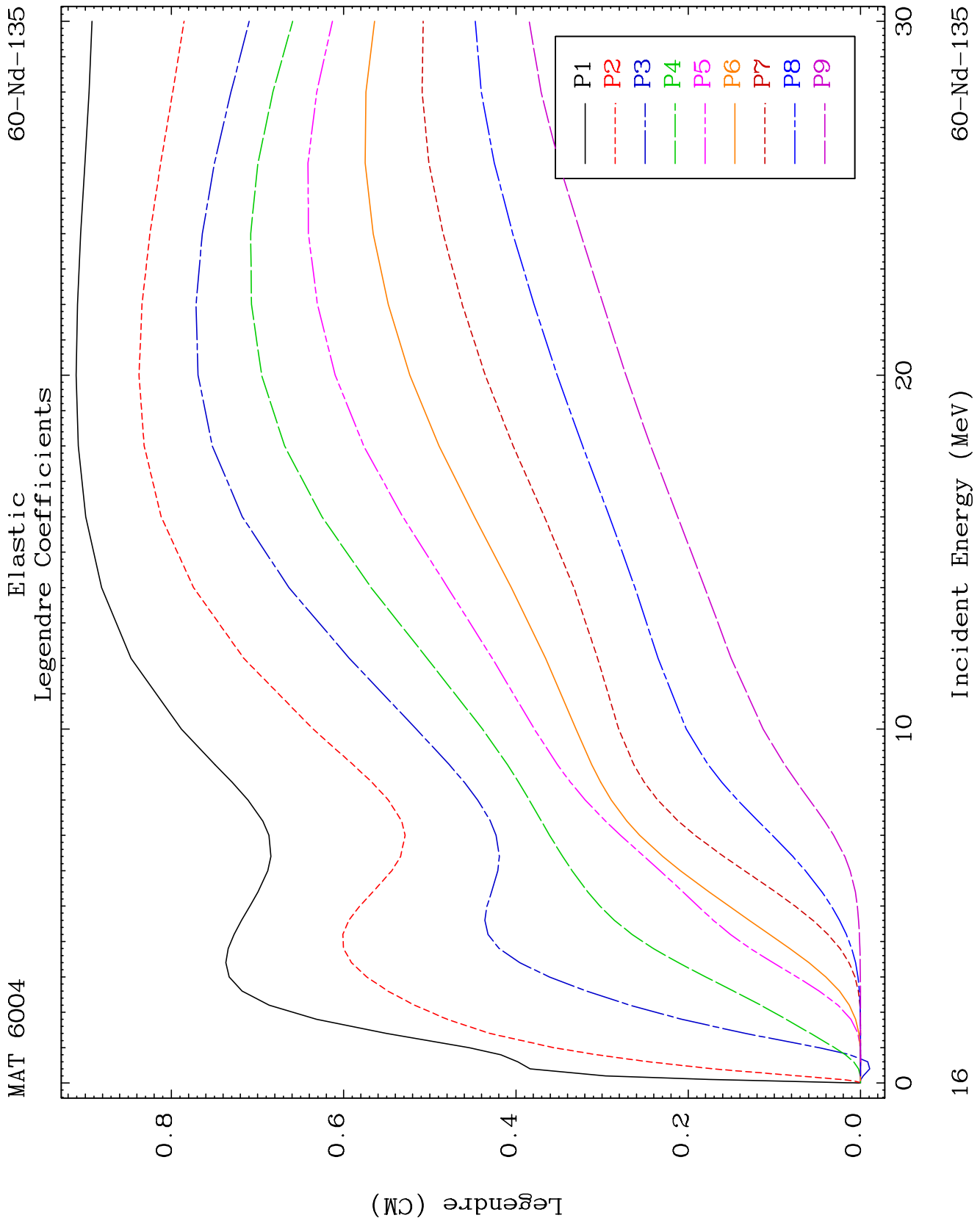
MAT 6004

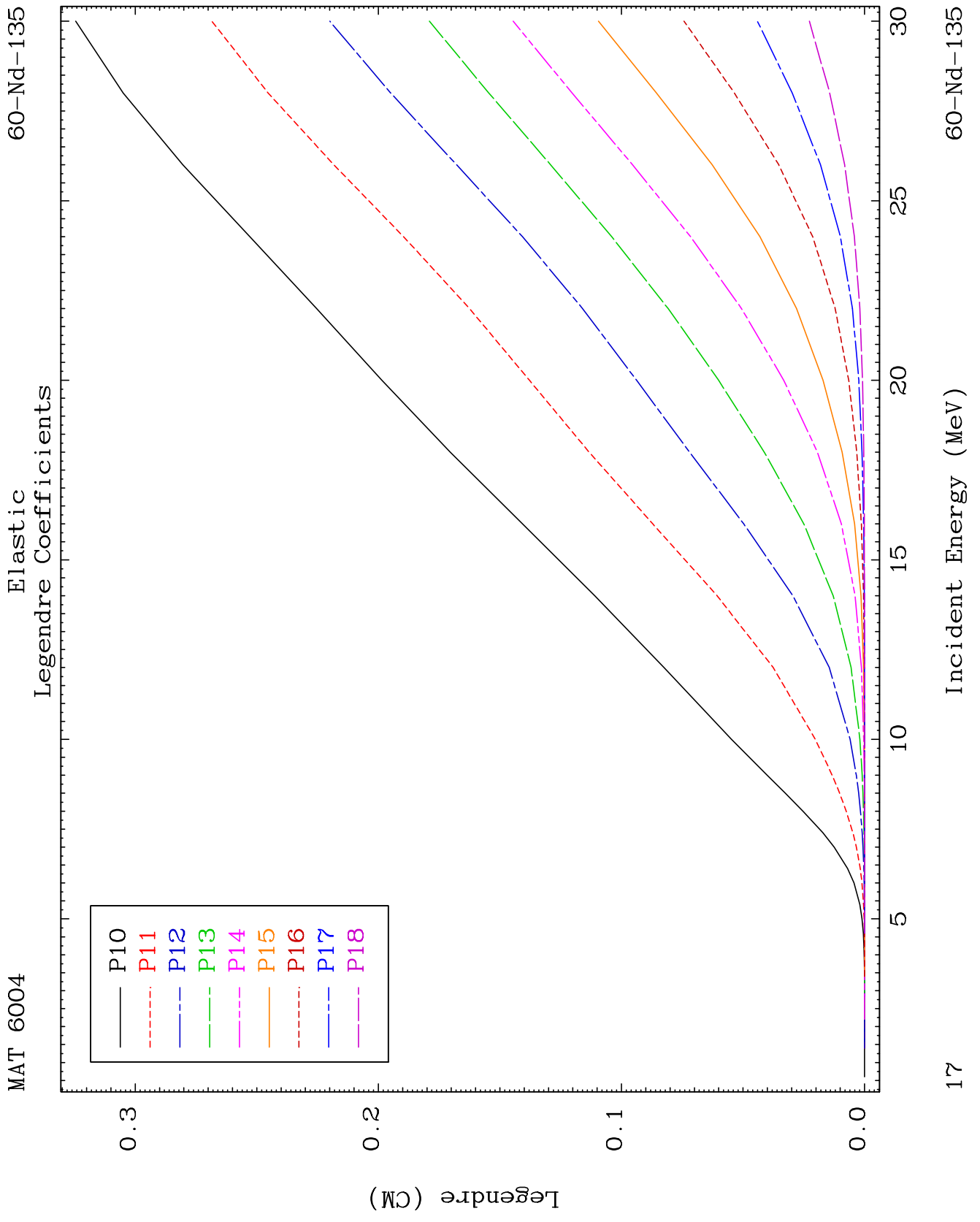
(n, α) Levels
293 Kelvin Cross Sections

60-Nd-135





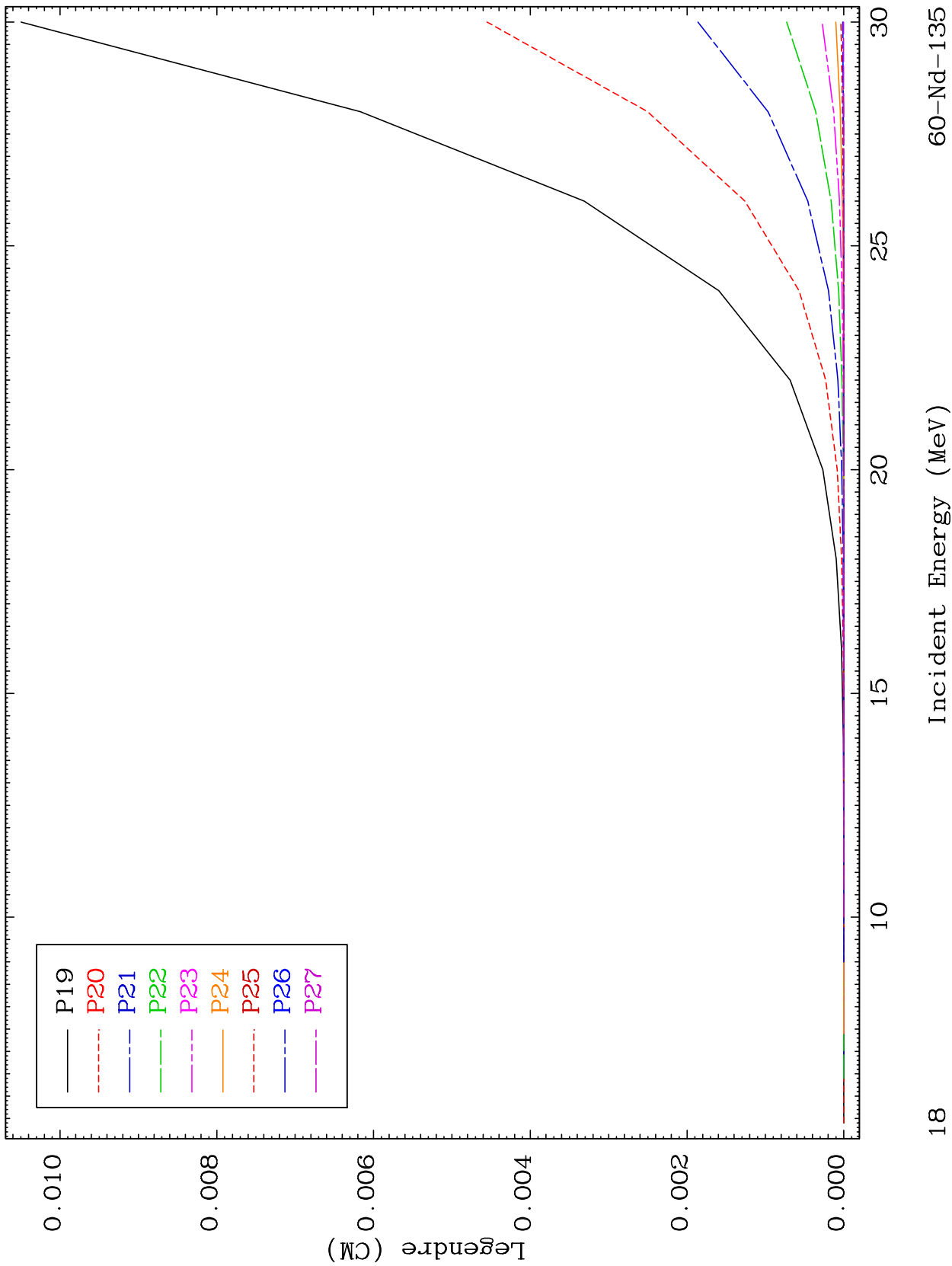




MAT 6004

Elastic Legendre Coefficients

⁶⁰Nd-135



18

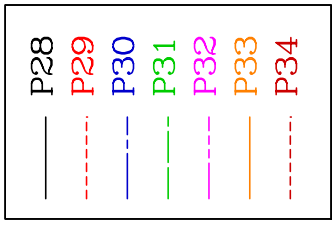
Incident Energy (MeV)

⁶⁰Nd-135

MAT 6004

Elastic
Legendre Coefficients

60-Nd-135



$\times 10^{-6}$
Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

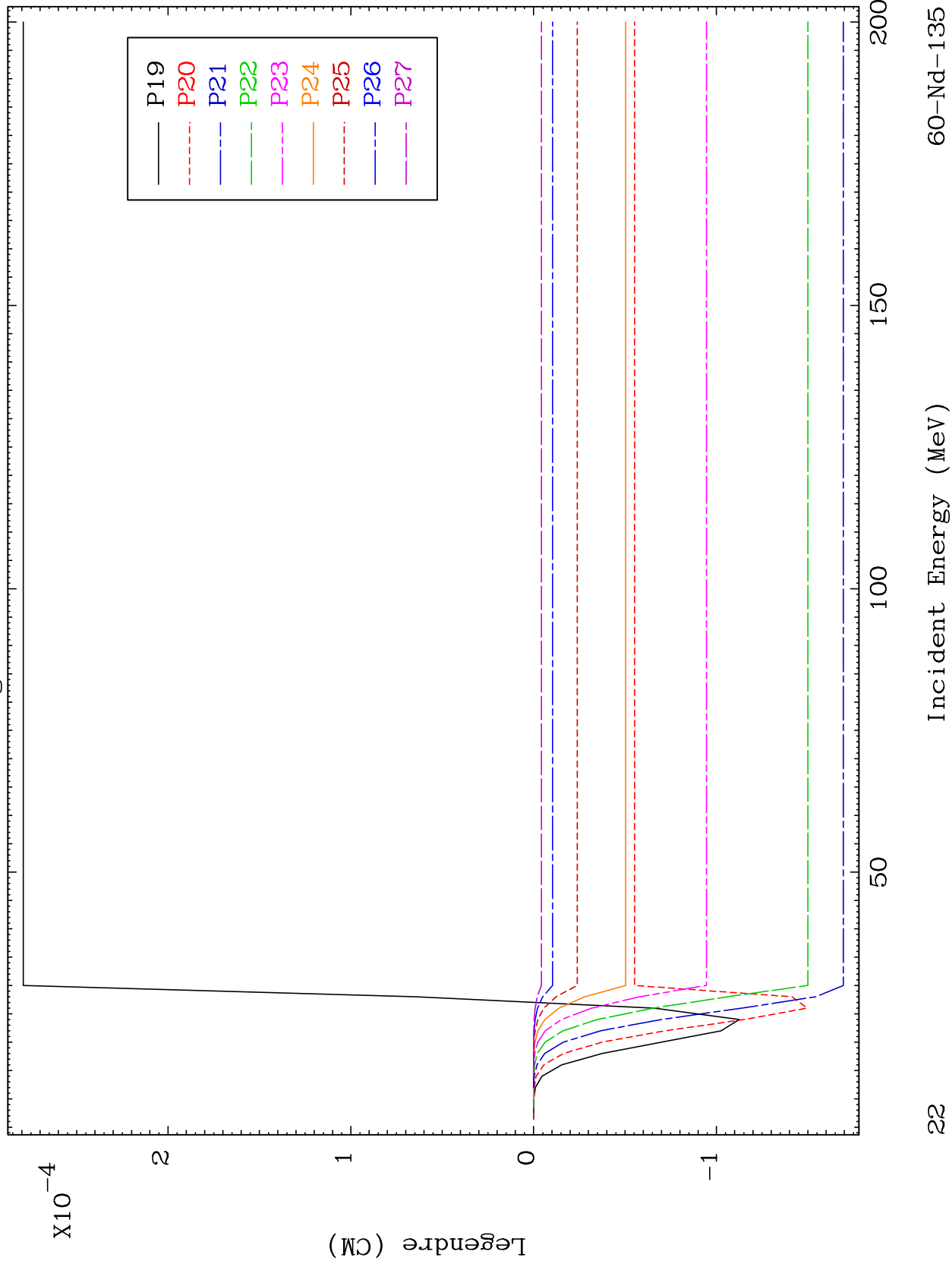
60-Nd-135

19

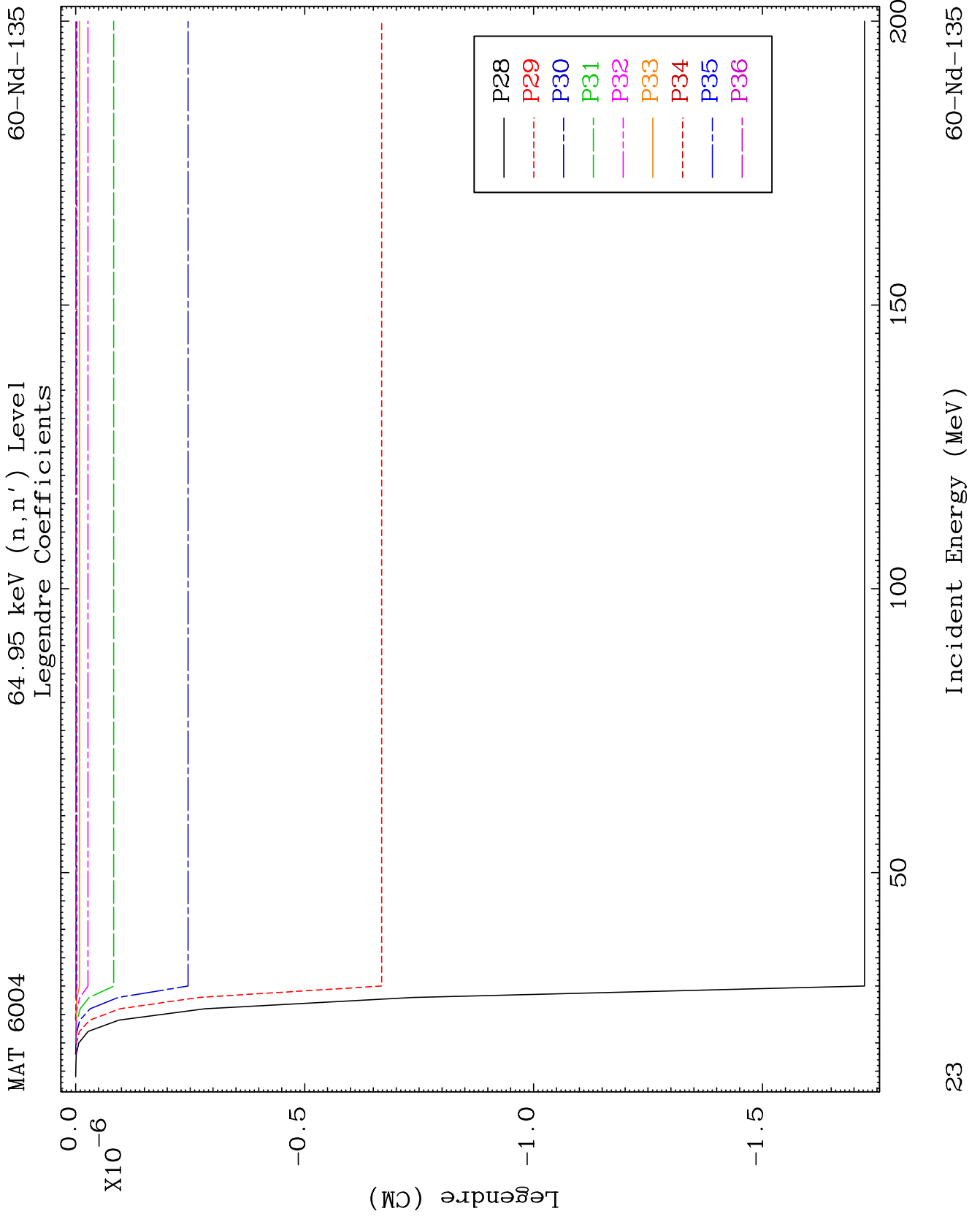
MAT 6004

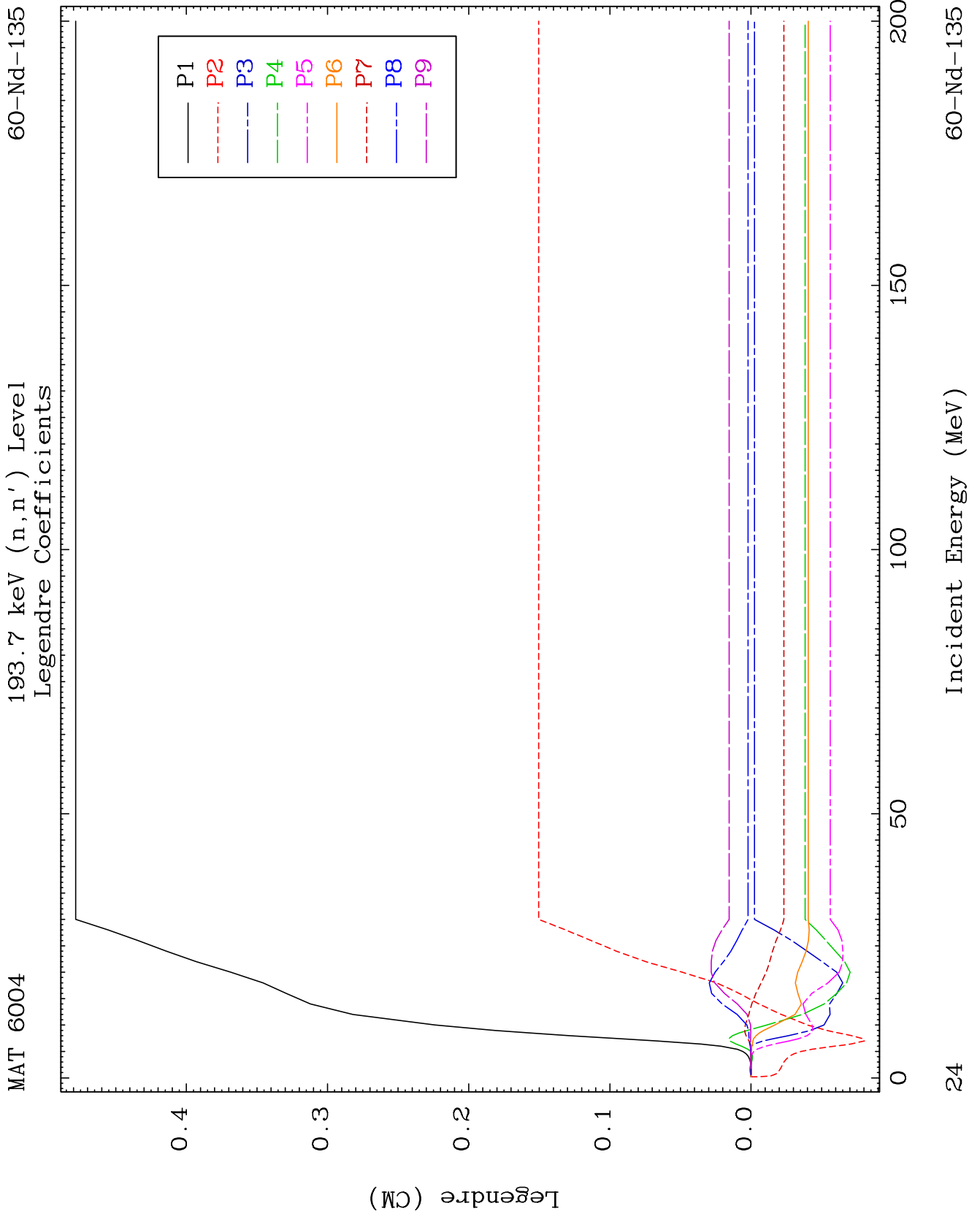
64.95 keV (n,n') Level
Legendre Coefficients

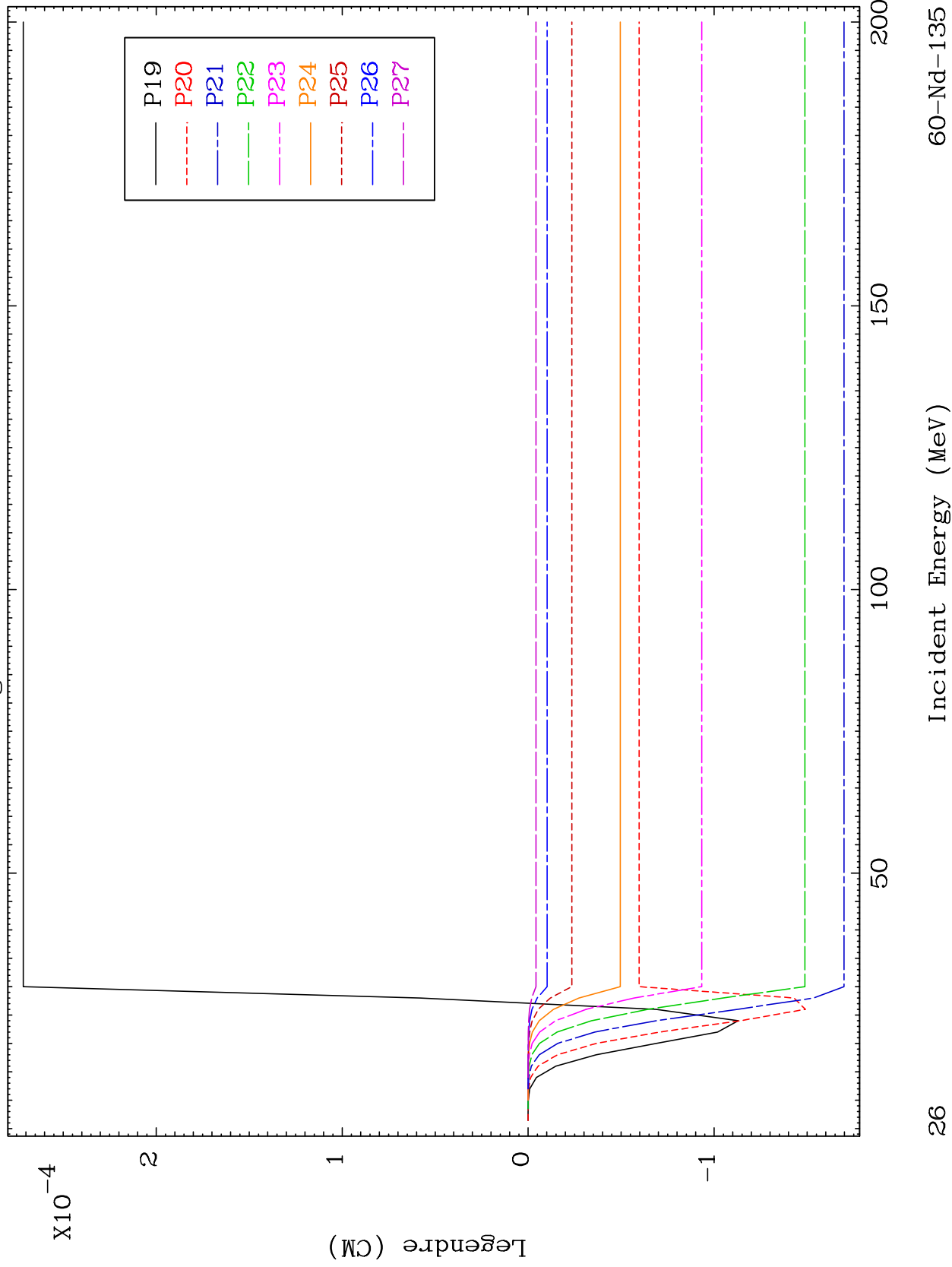
60-Nd-135

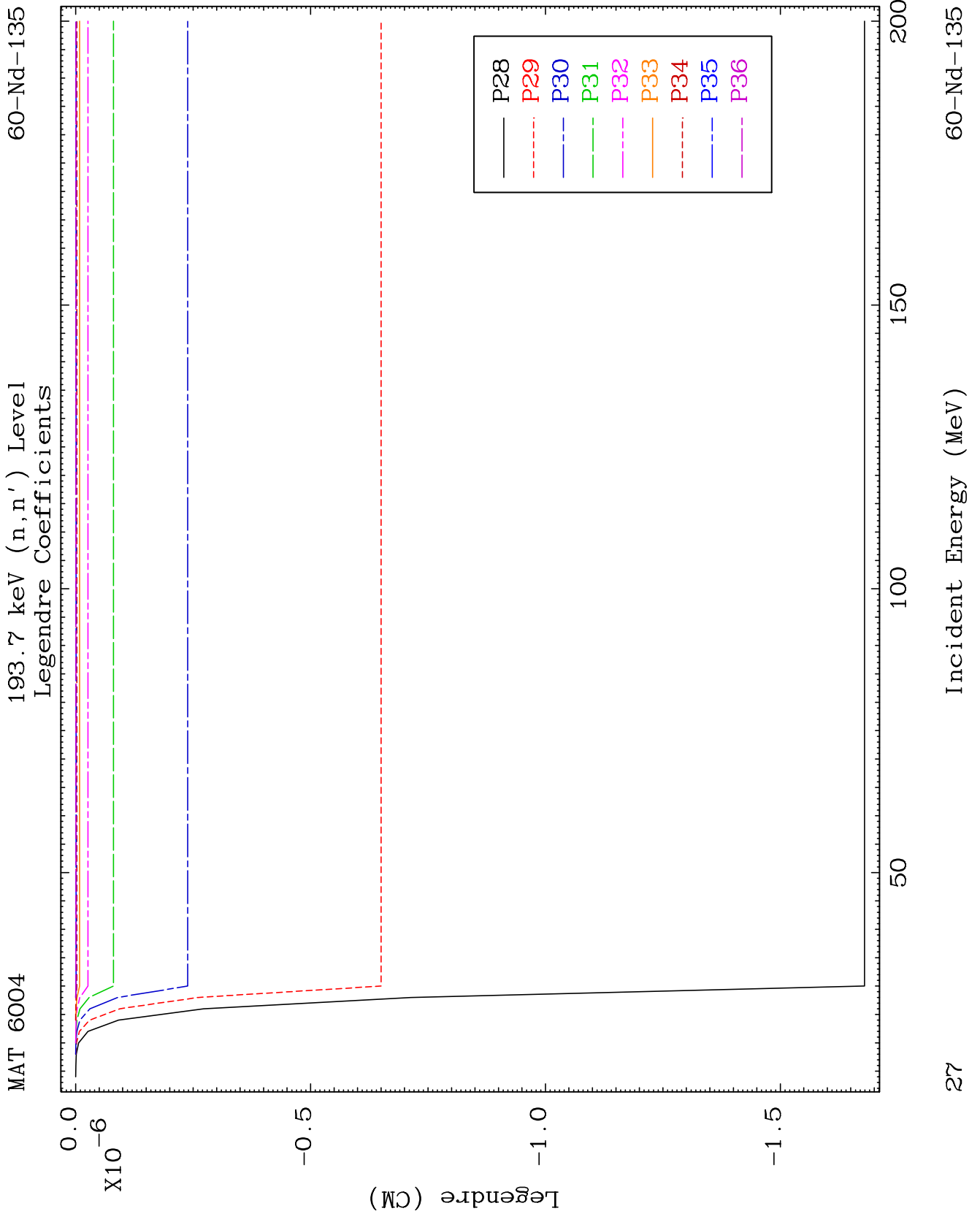


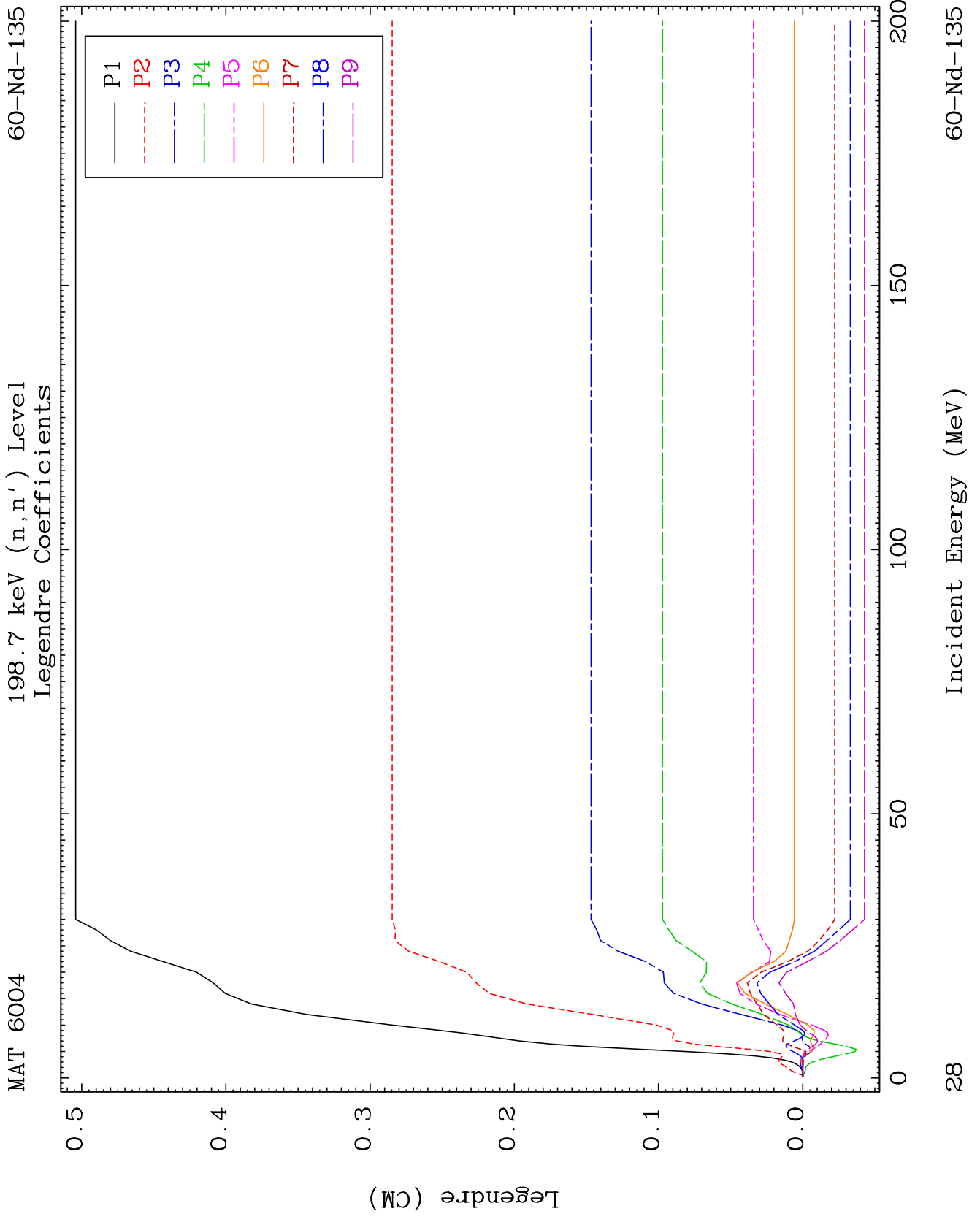
22

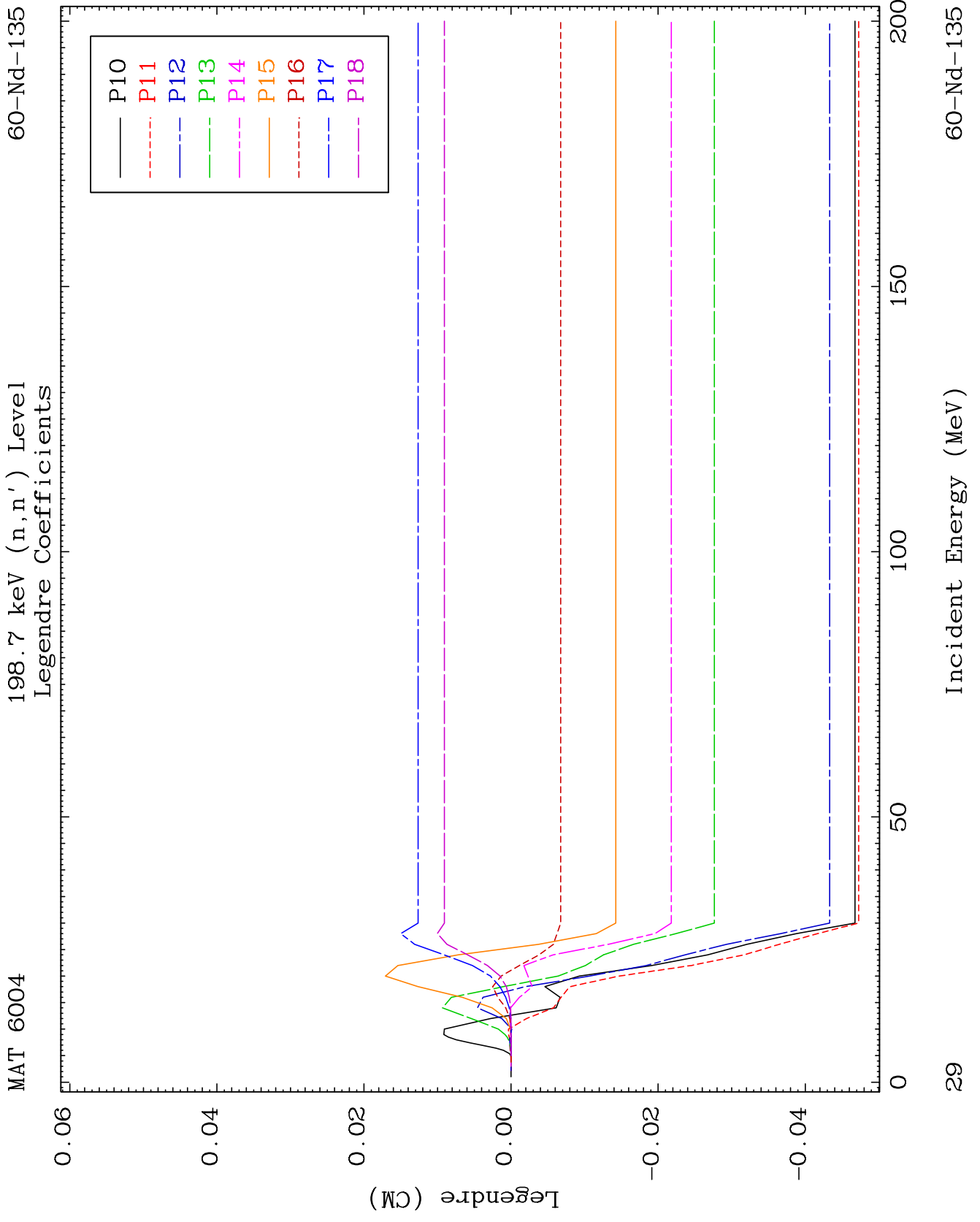


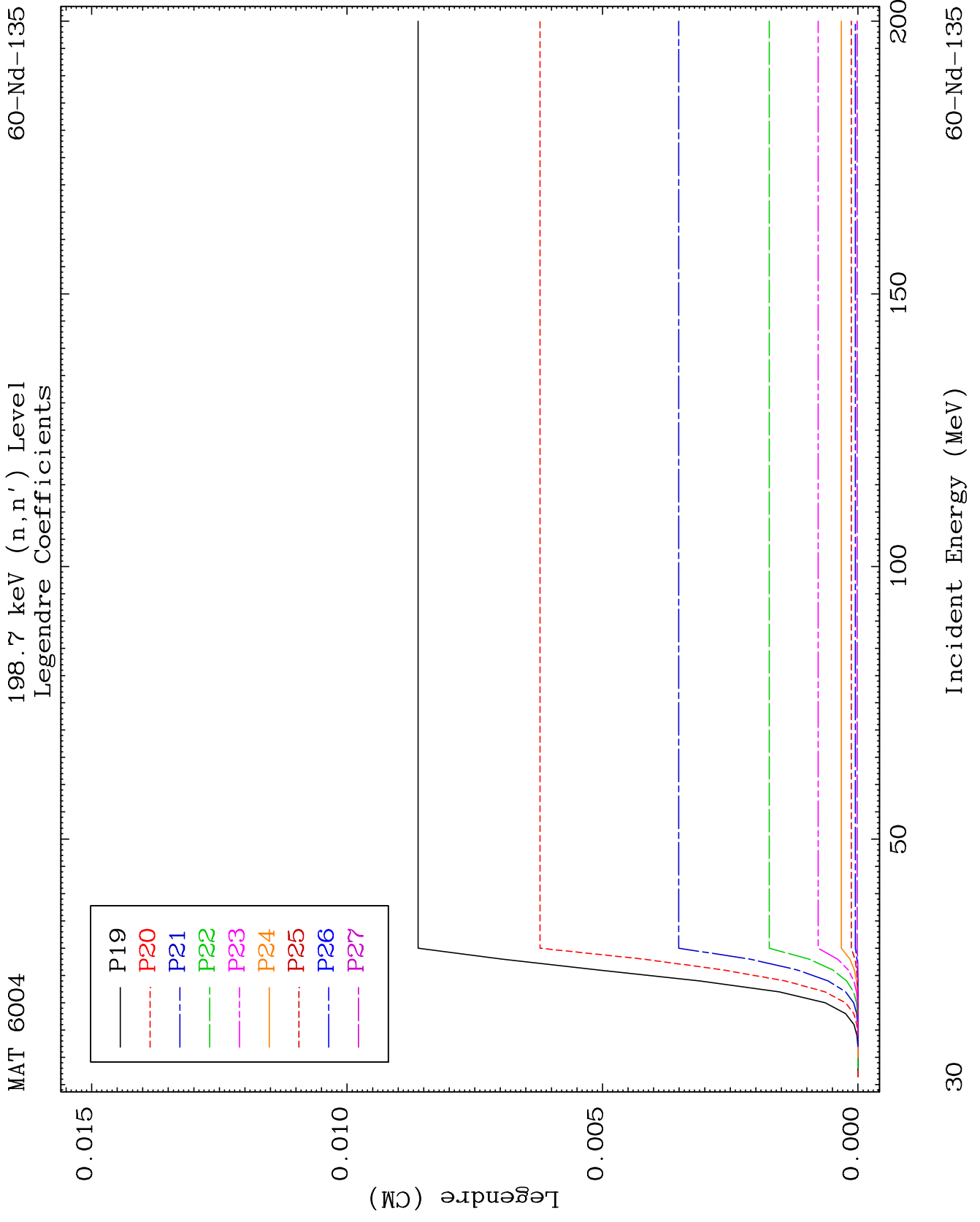


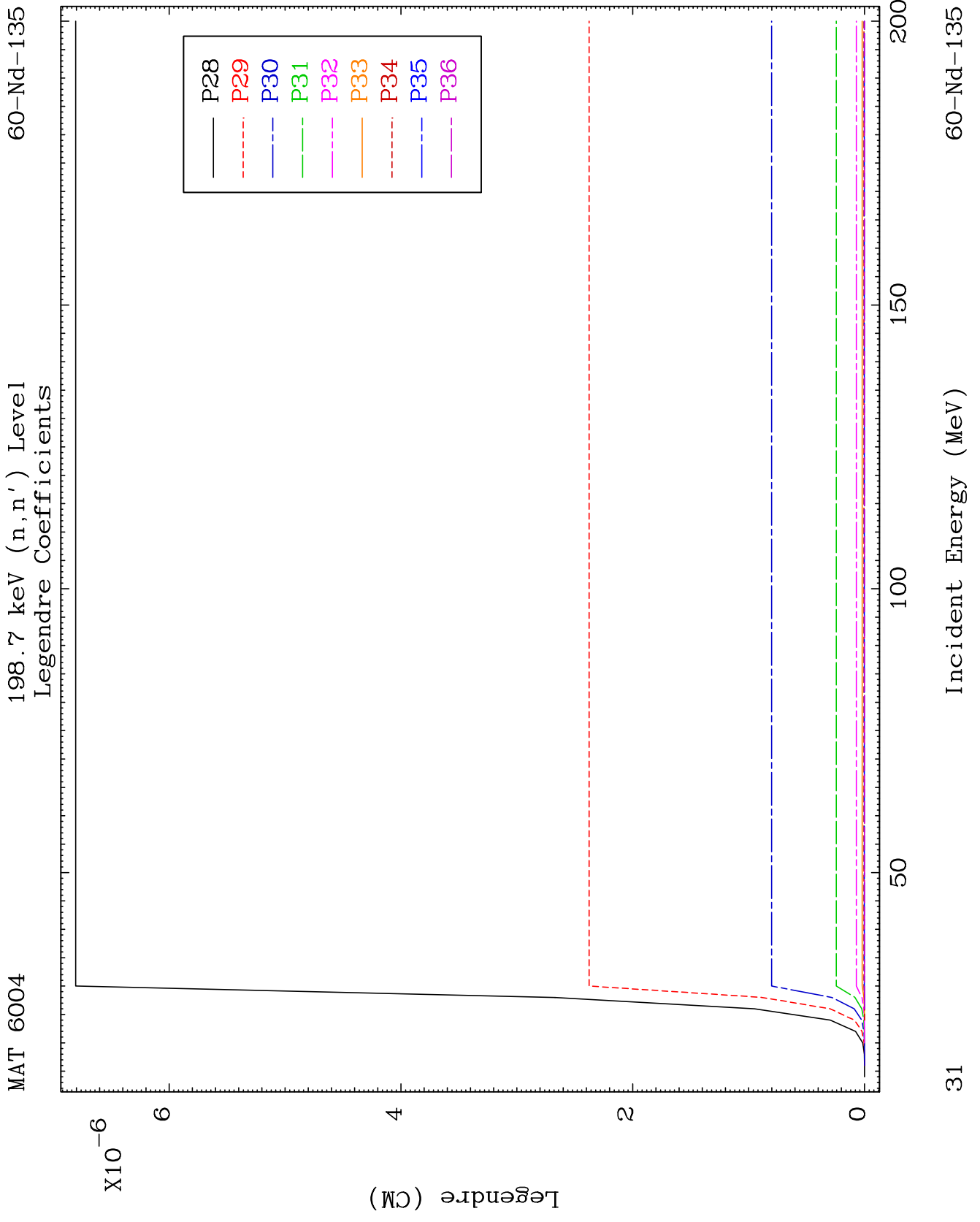


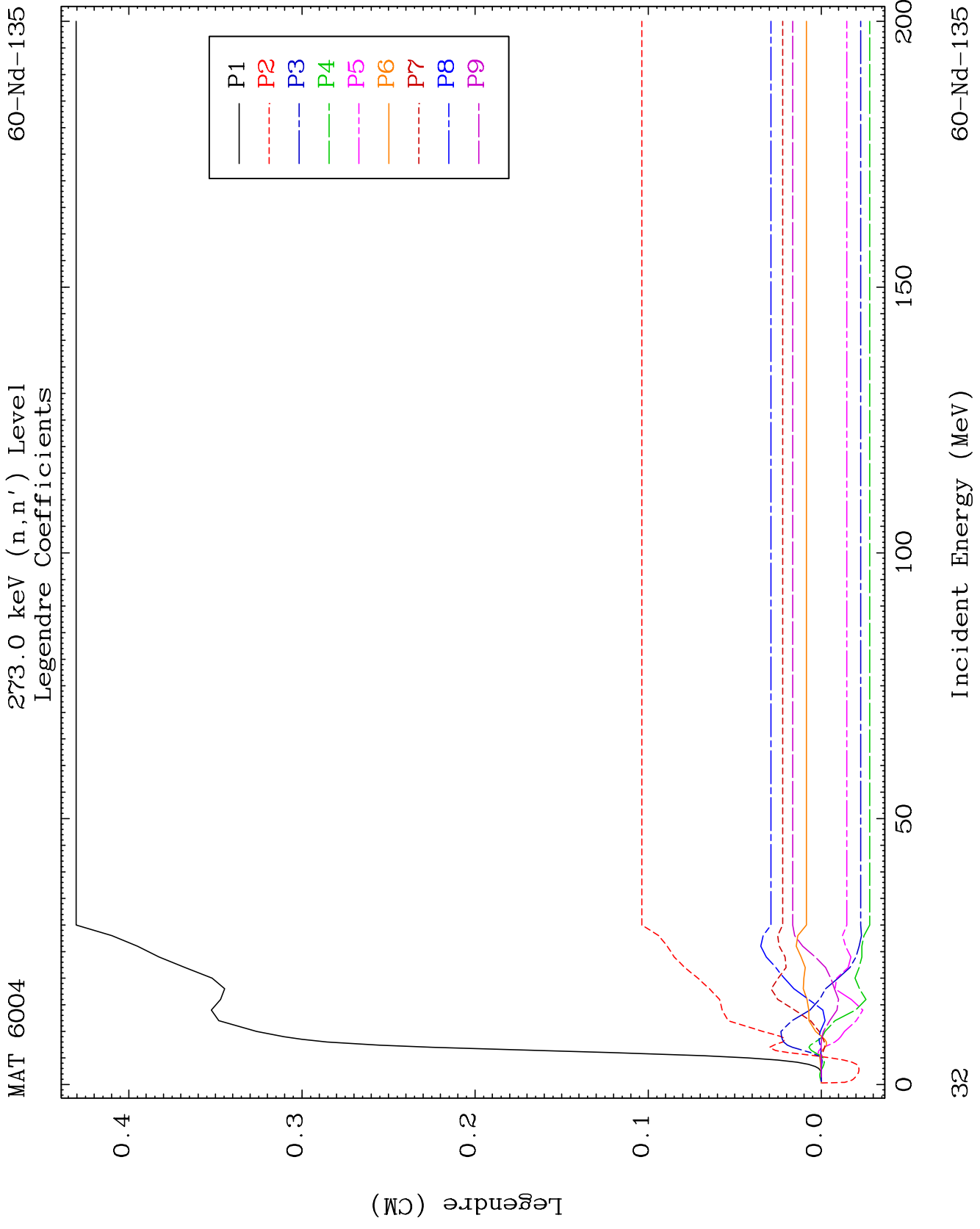


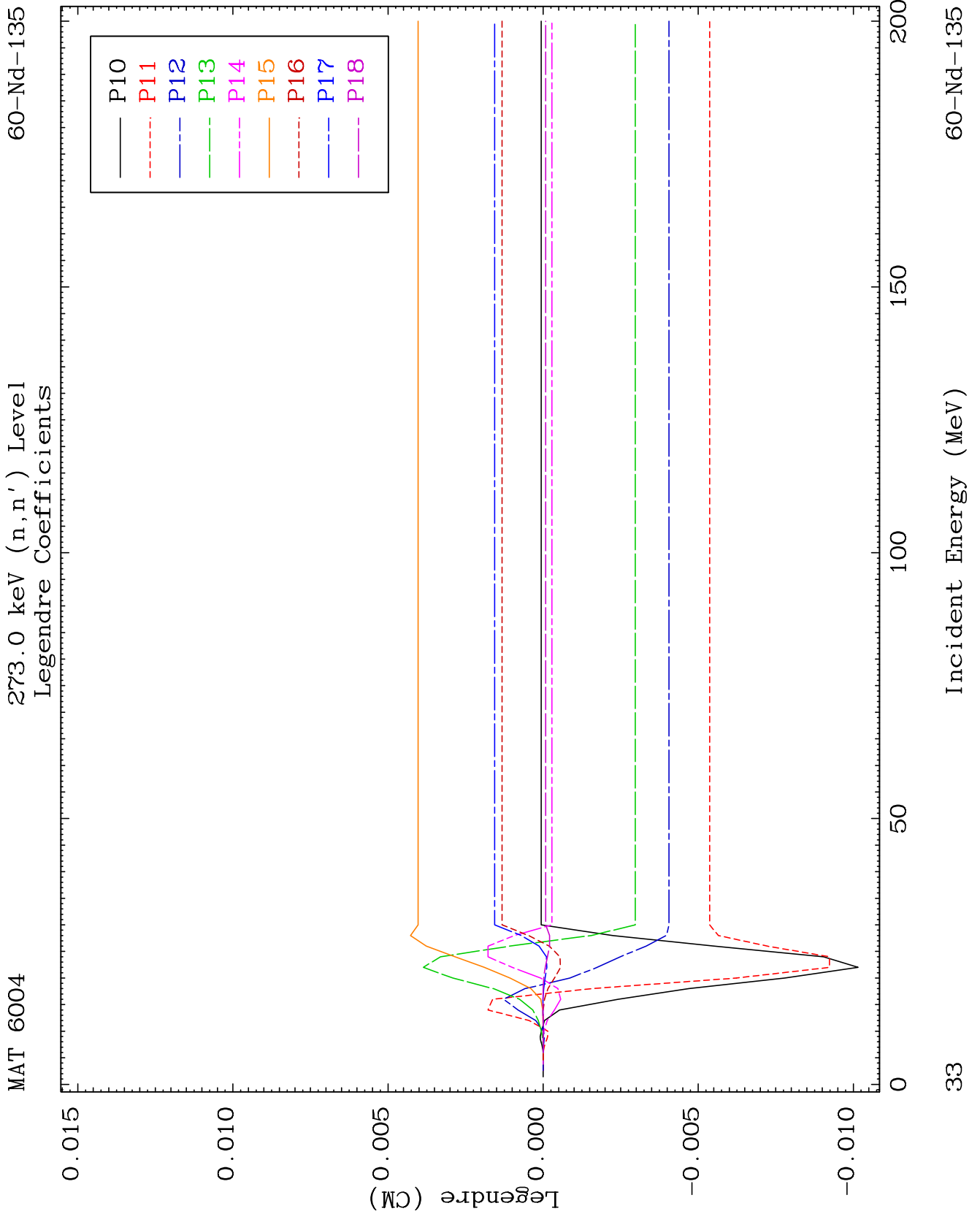


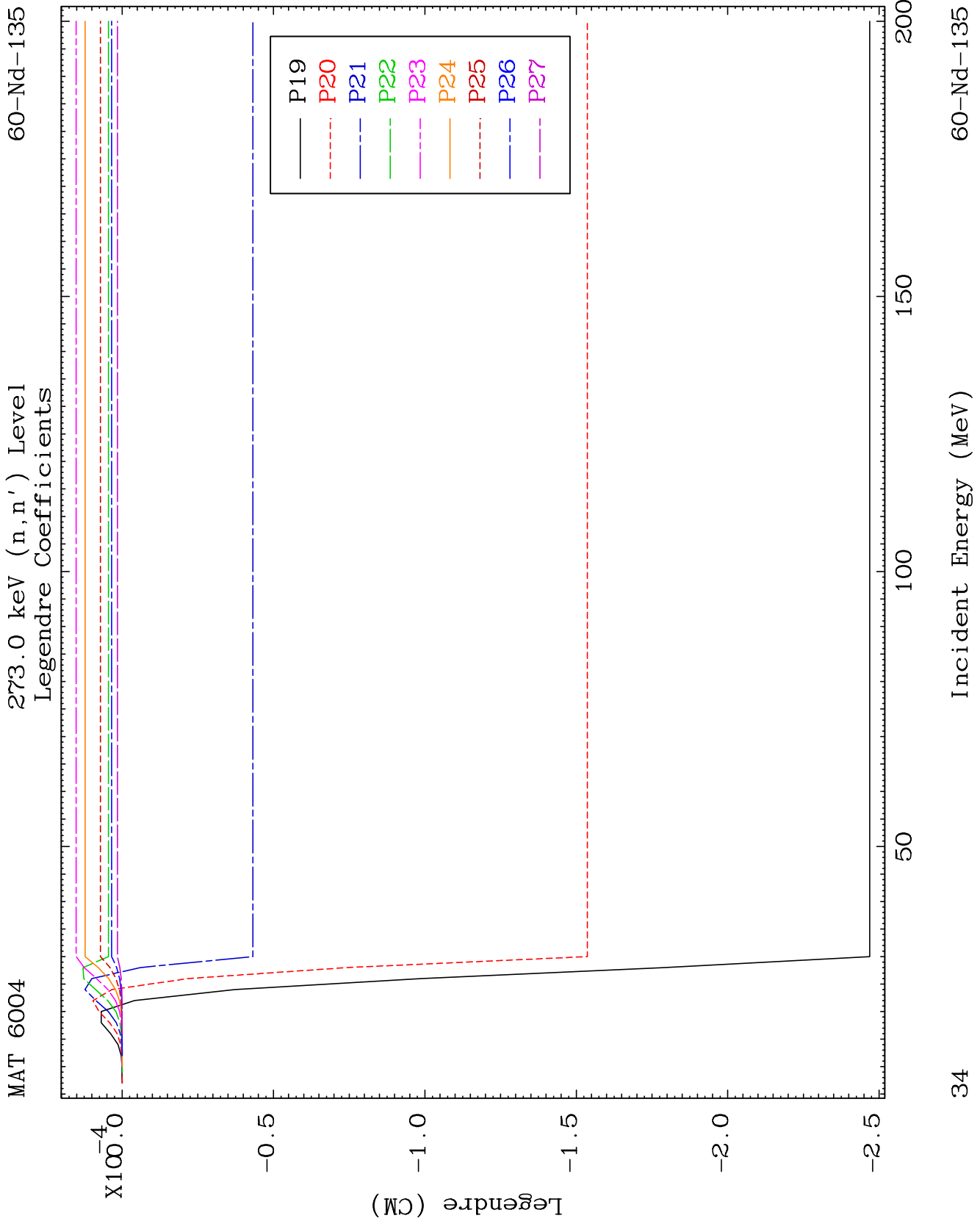


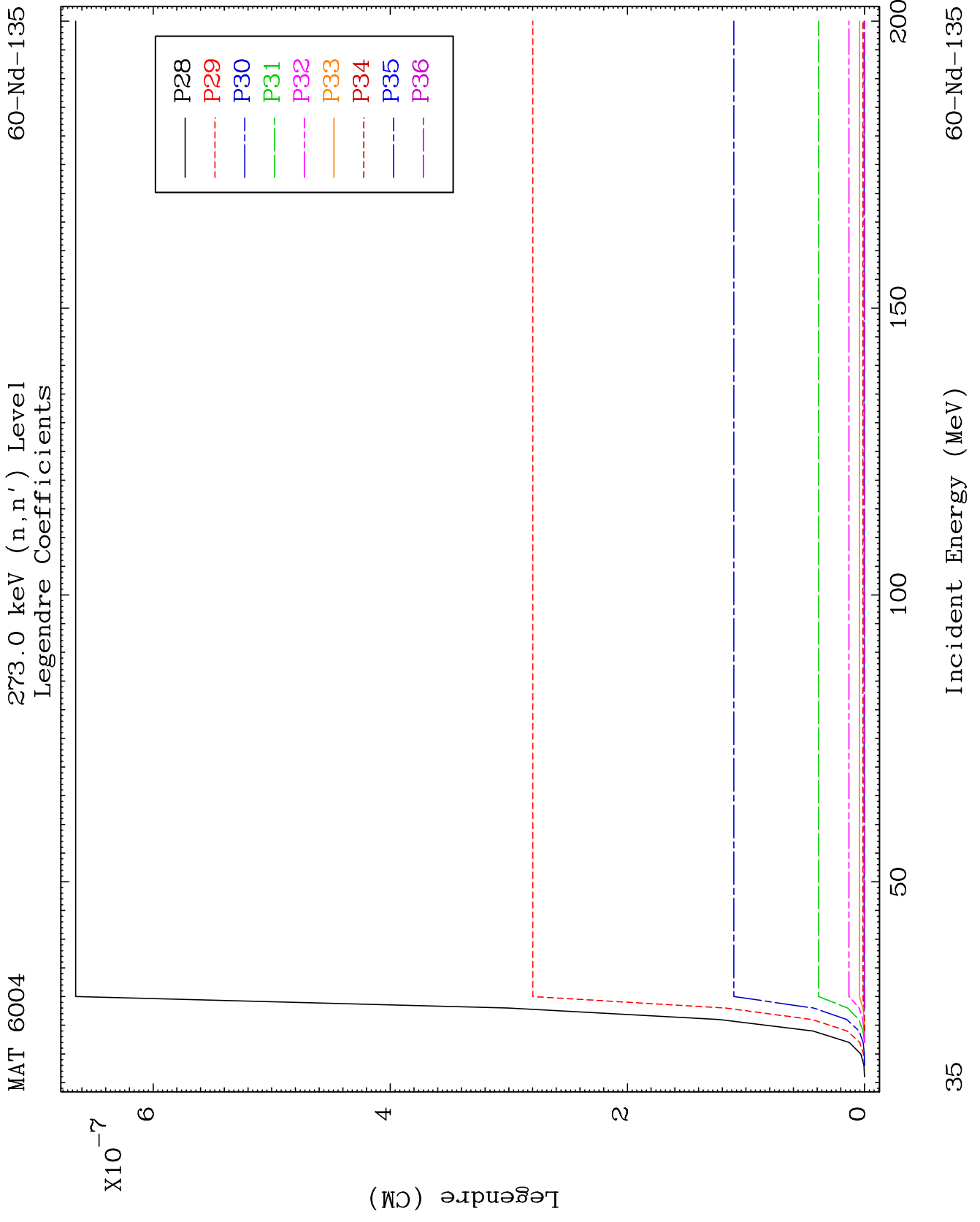


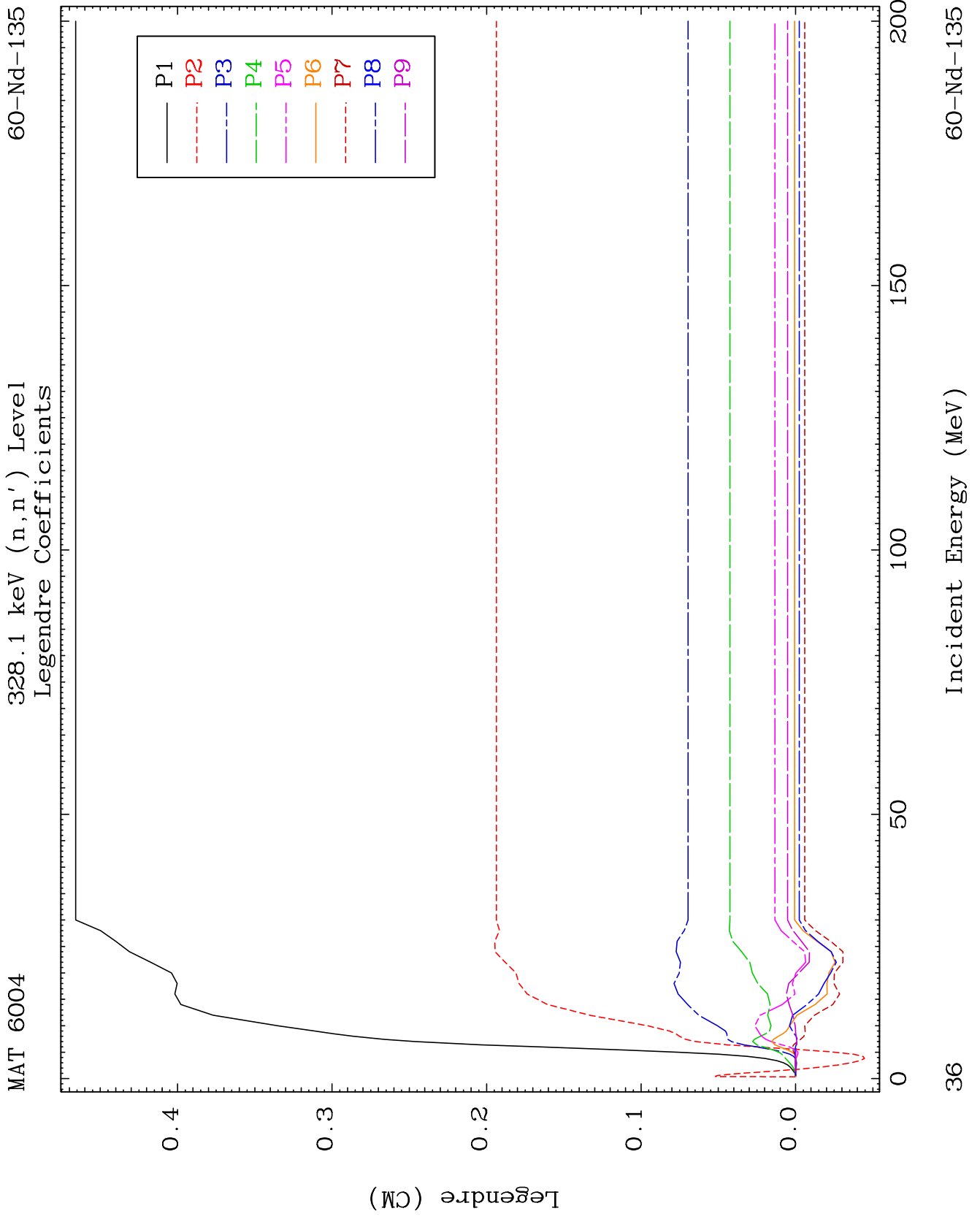








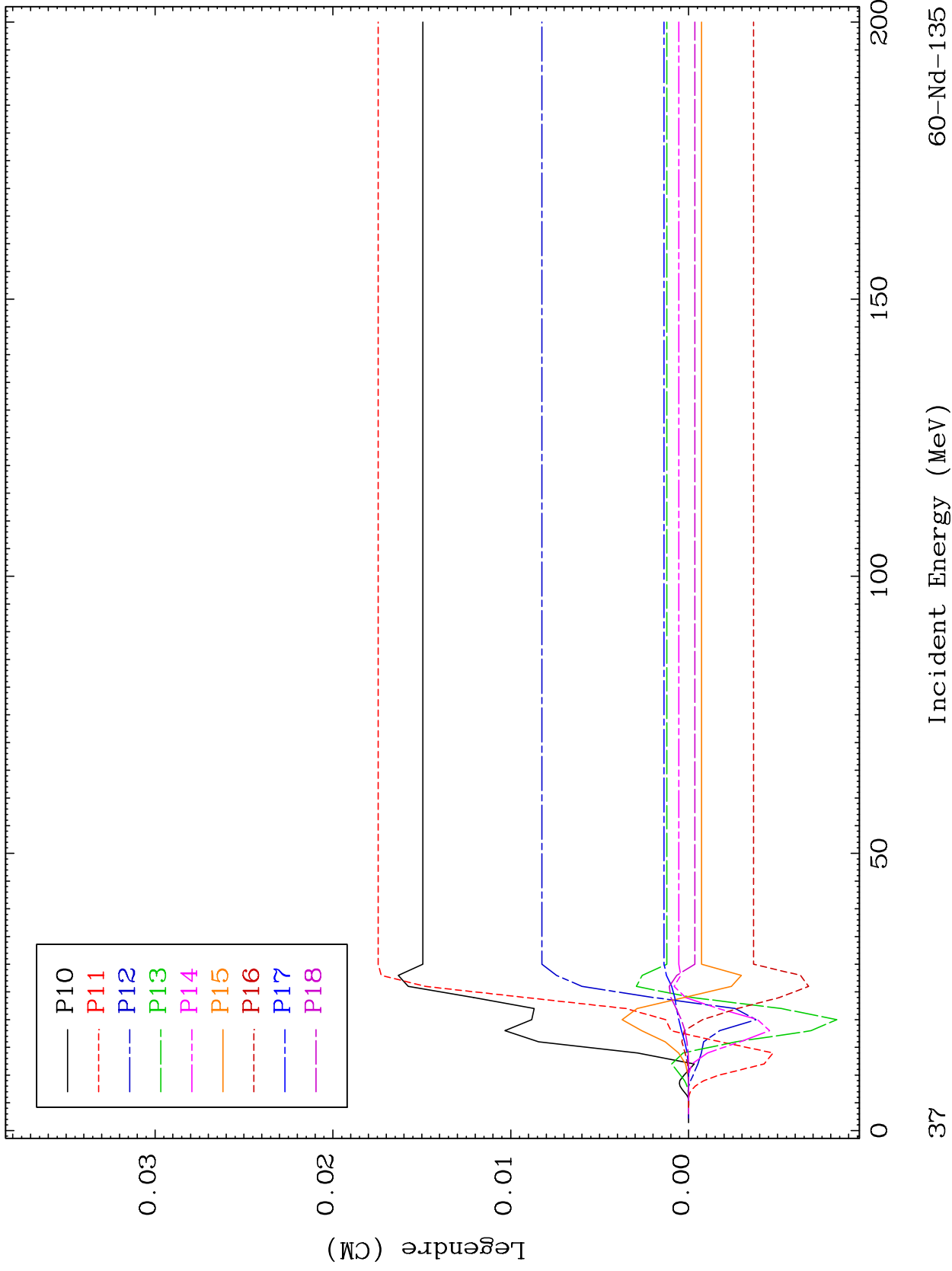




MAT 6004

328.1 keV (n,n') Level
Legendre Coefficients

60-Nd-135



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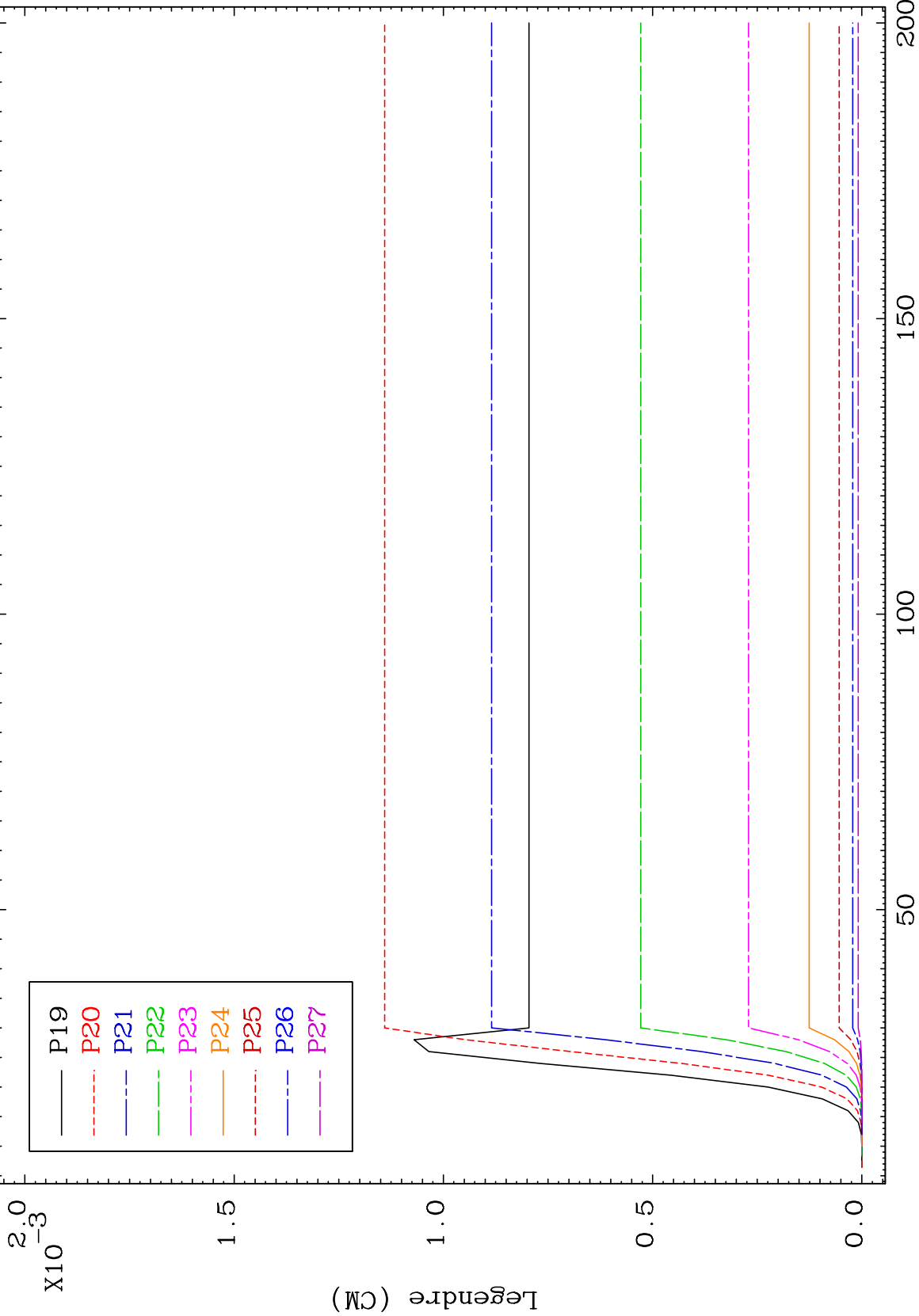
Incident Energy (MeV)

60-Nd-135

MAT 6004

328.1 keV (n,n') Level
Legendre Coefficients

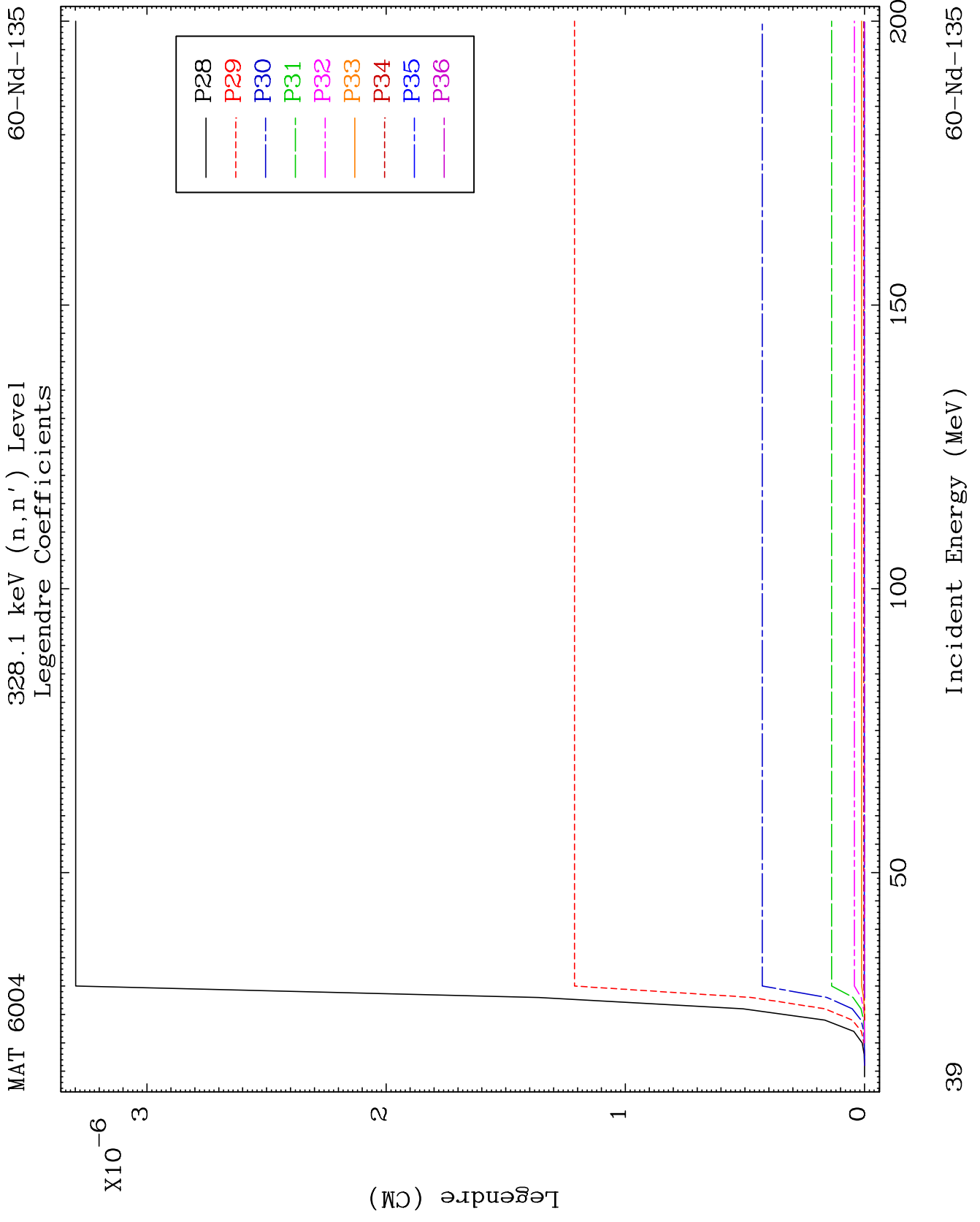
60-Nd-135



38

Incident Energy (MeV)

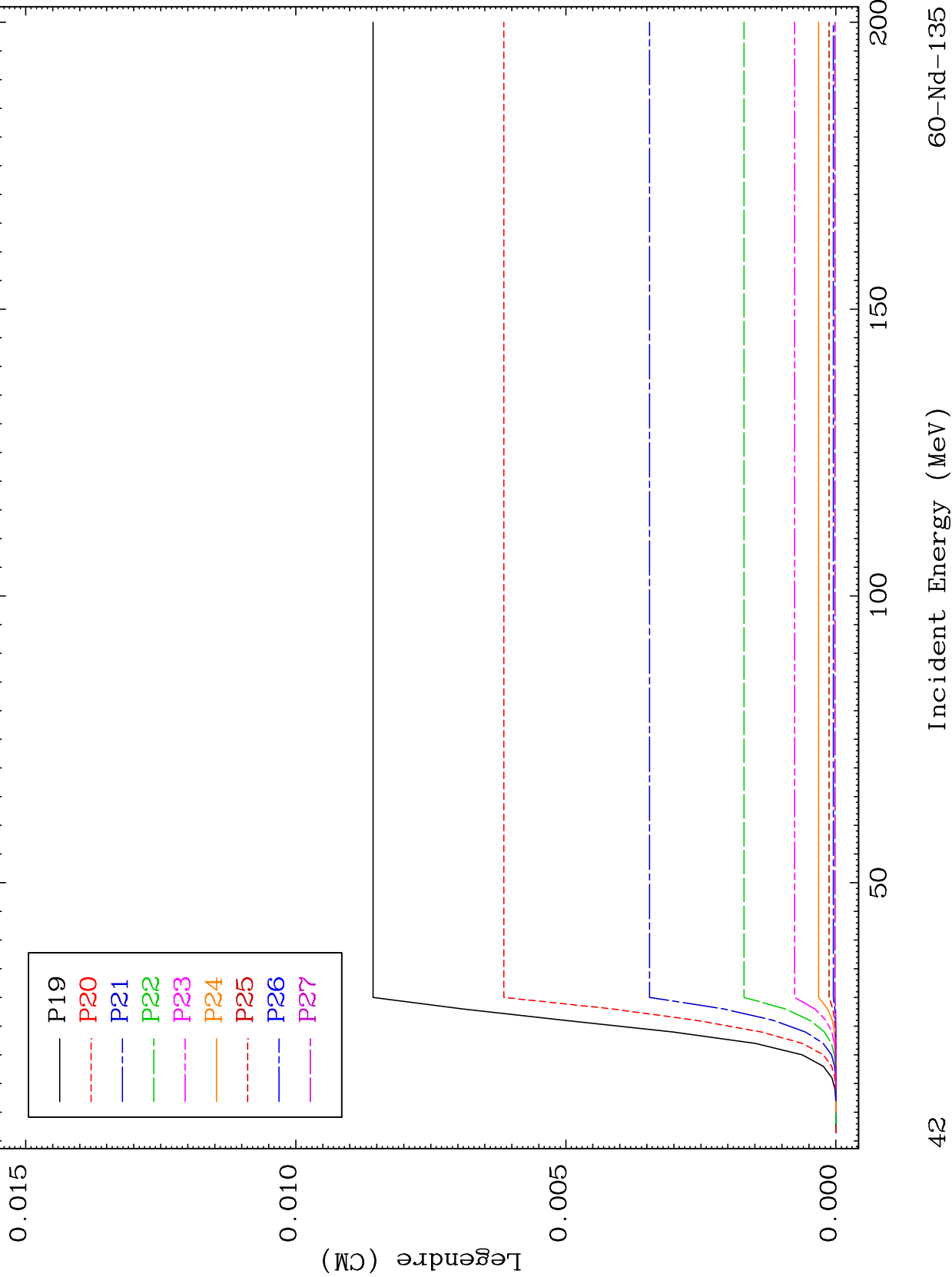
60-Nd-135



MAT 6004

347.1 keV (n,n') Level
Legendre Coefficients

60-Nd-135



42

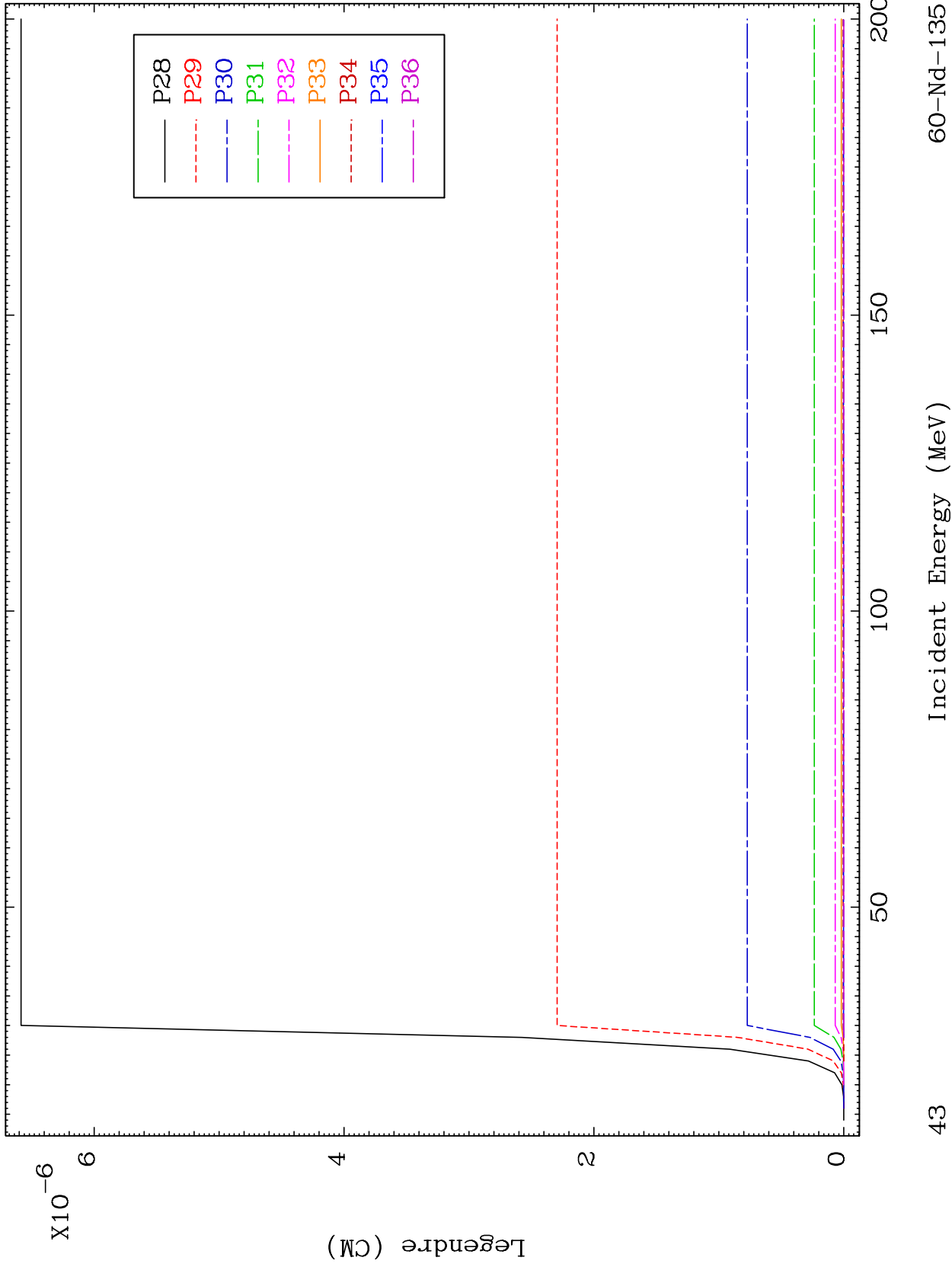
Incident Energy (MeV)

60-Nd-135

MAT 6004

347.1 keV (n,n') Level
Legendre Coefficients

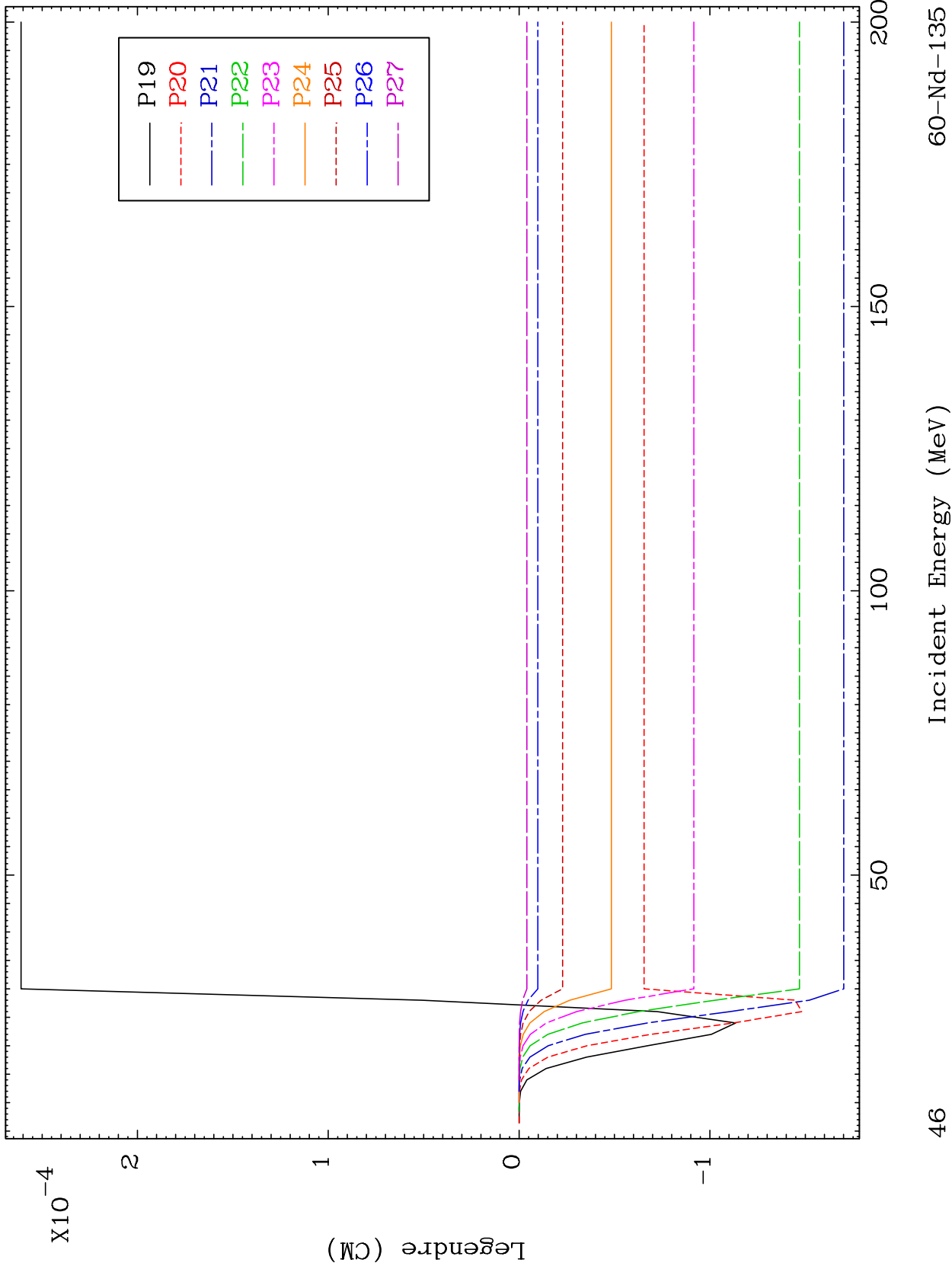
60-Nd-135

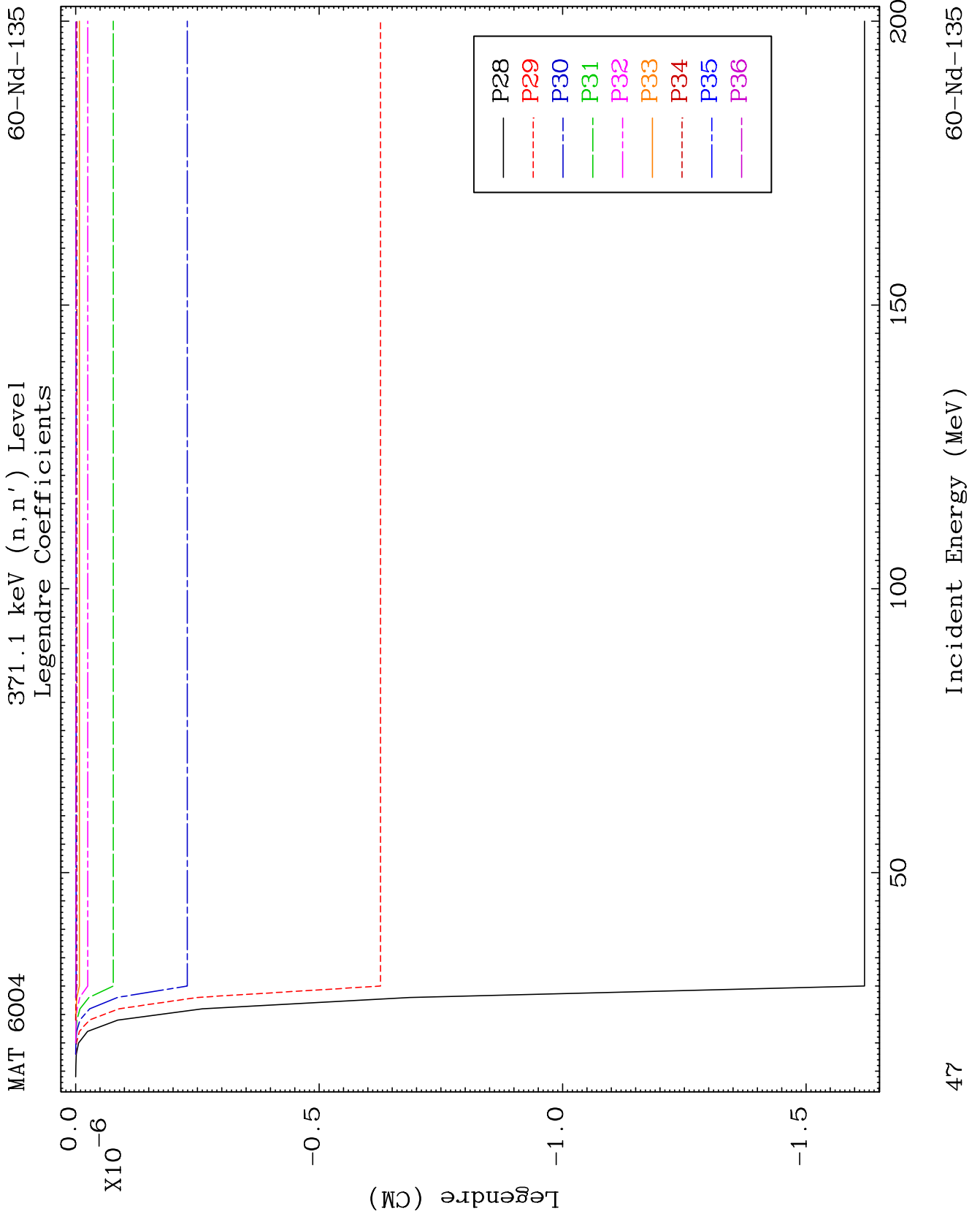


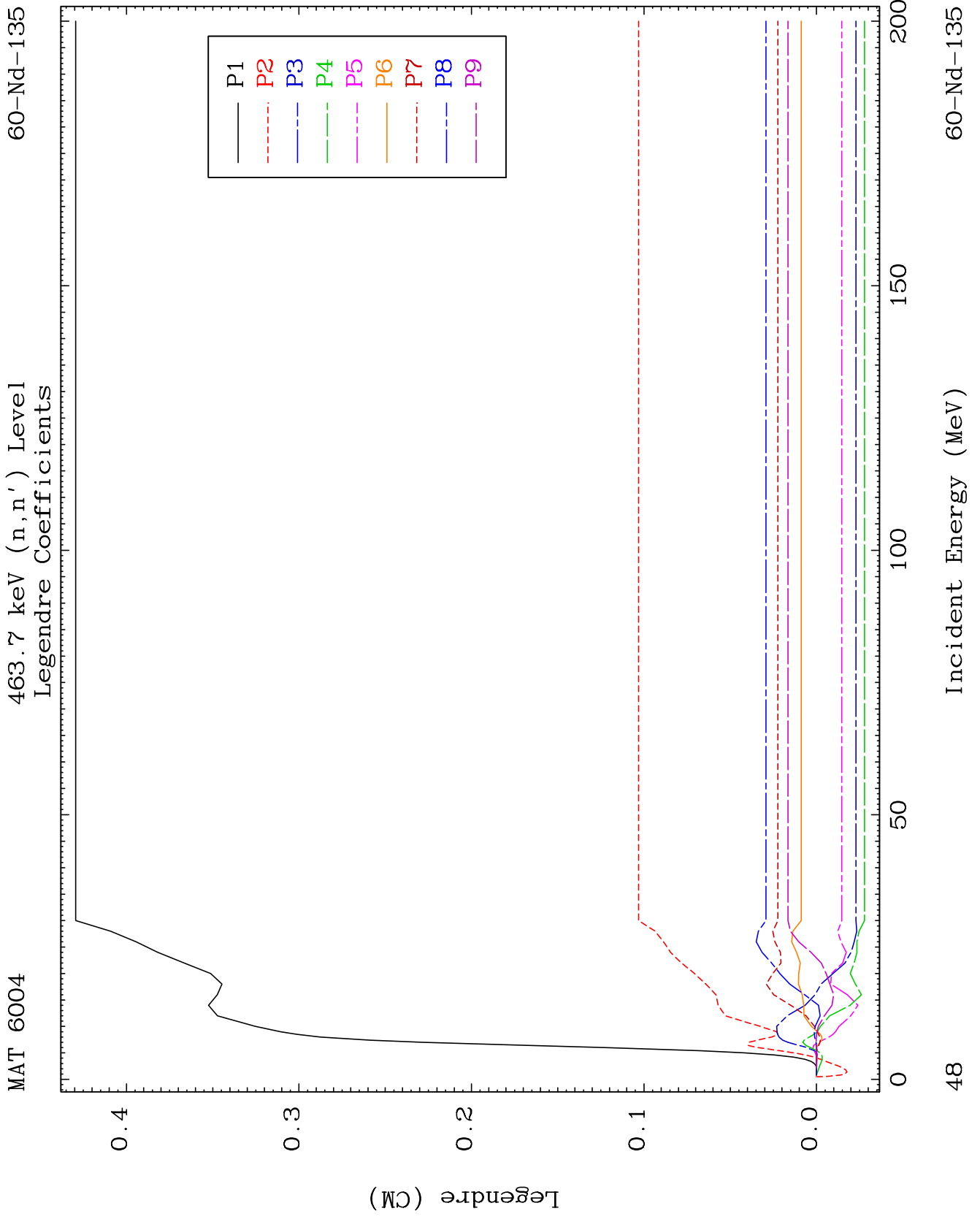
43

Incident Energy (MeV)

60-Nd-135



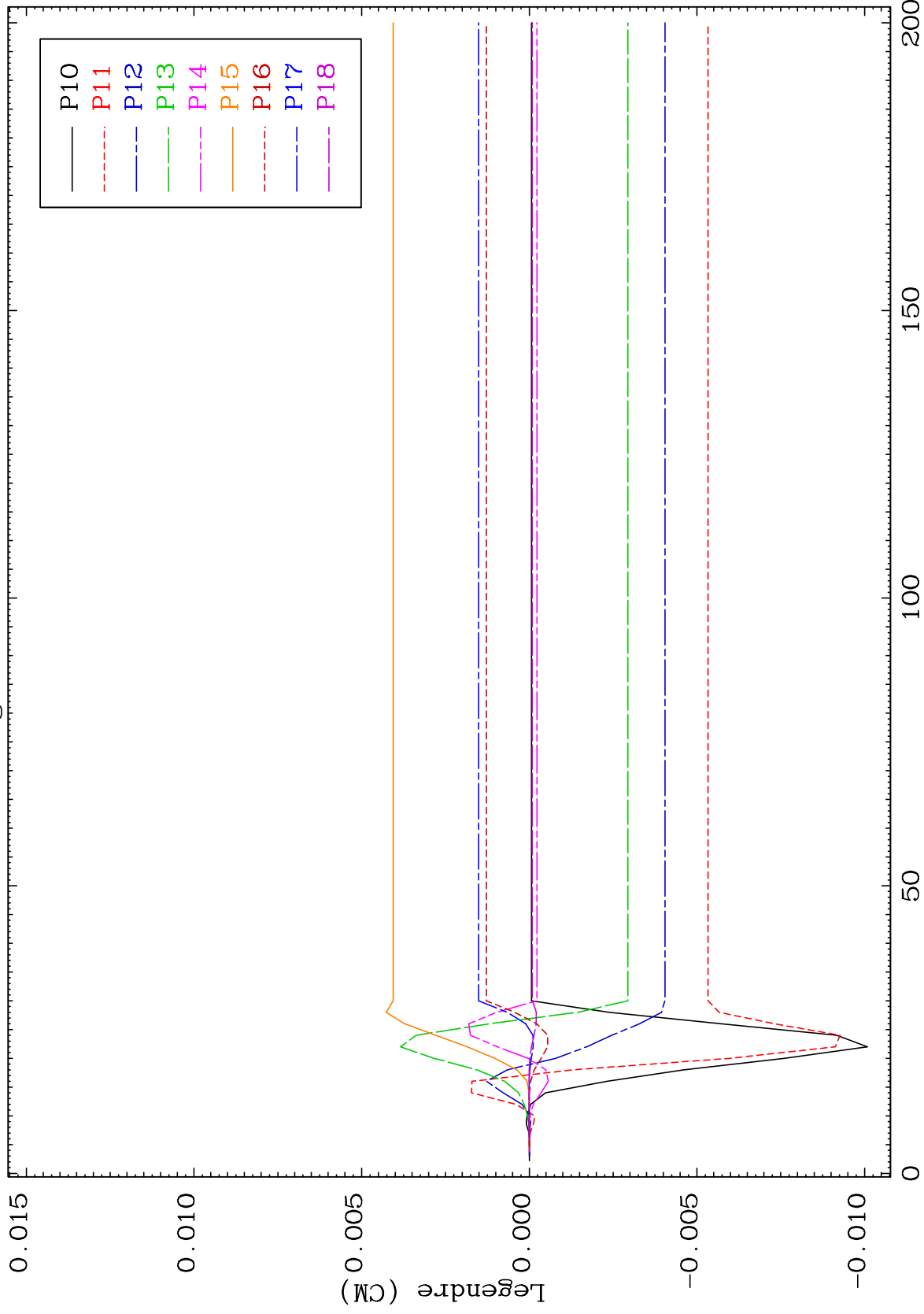




MAT 6004

463.7 keV (n,n') Level
Legendre Coefficients

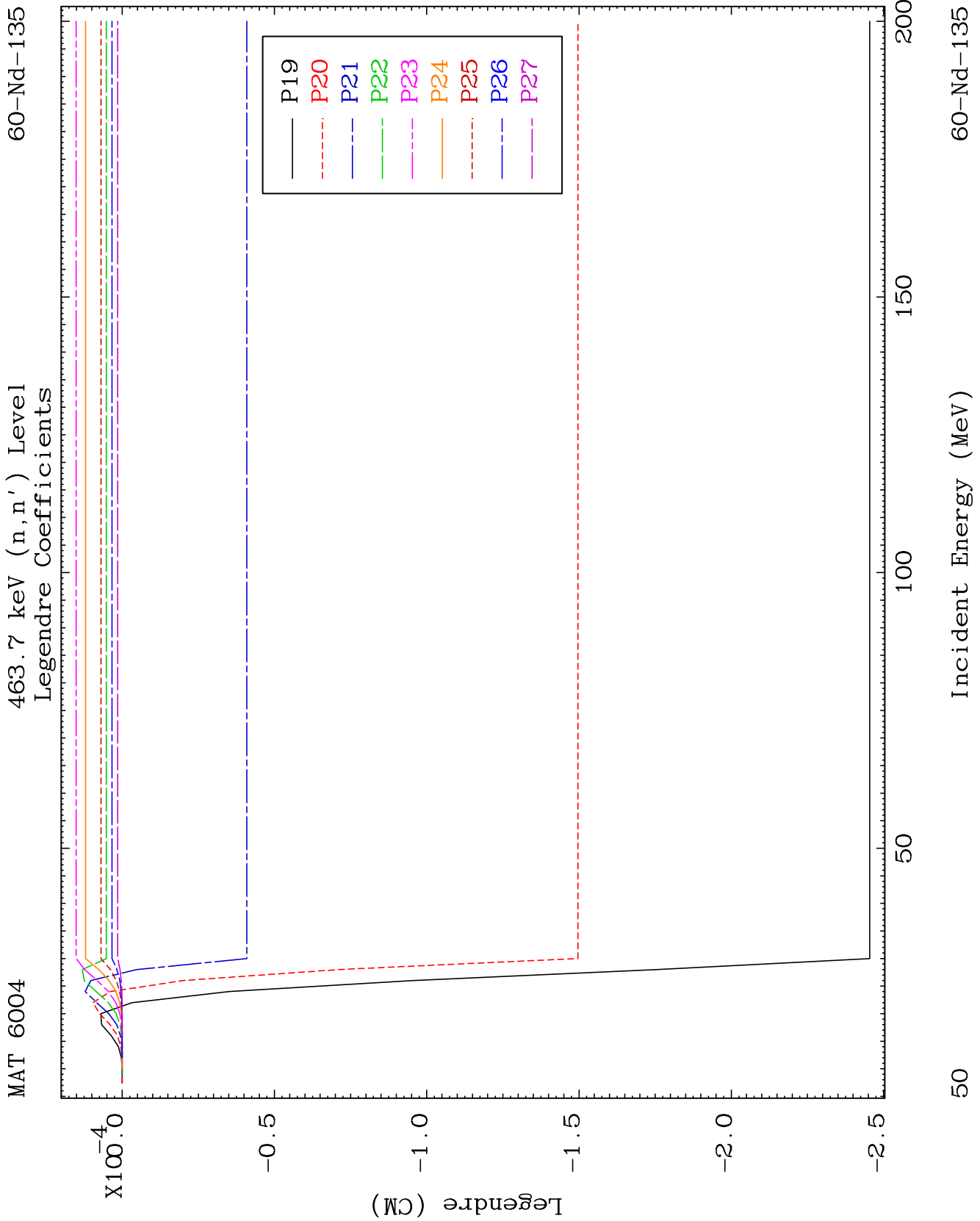
60-Nd-135

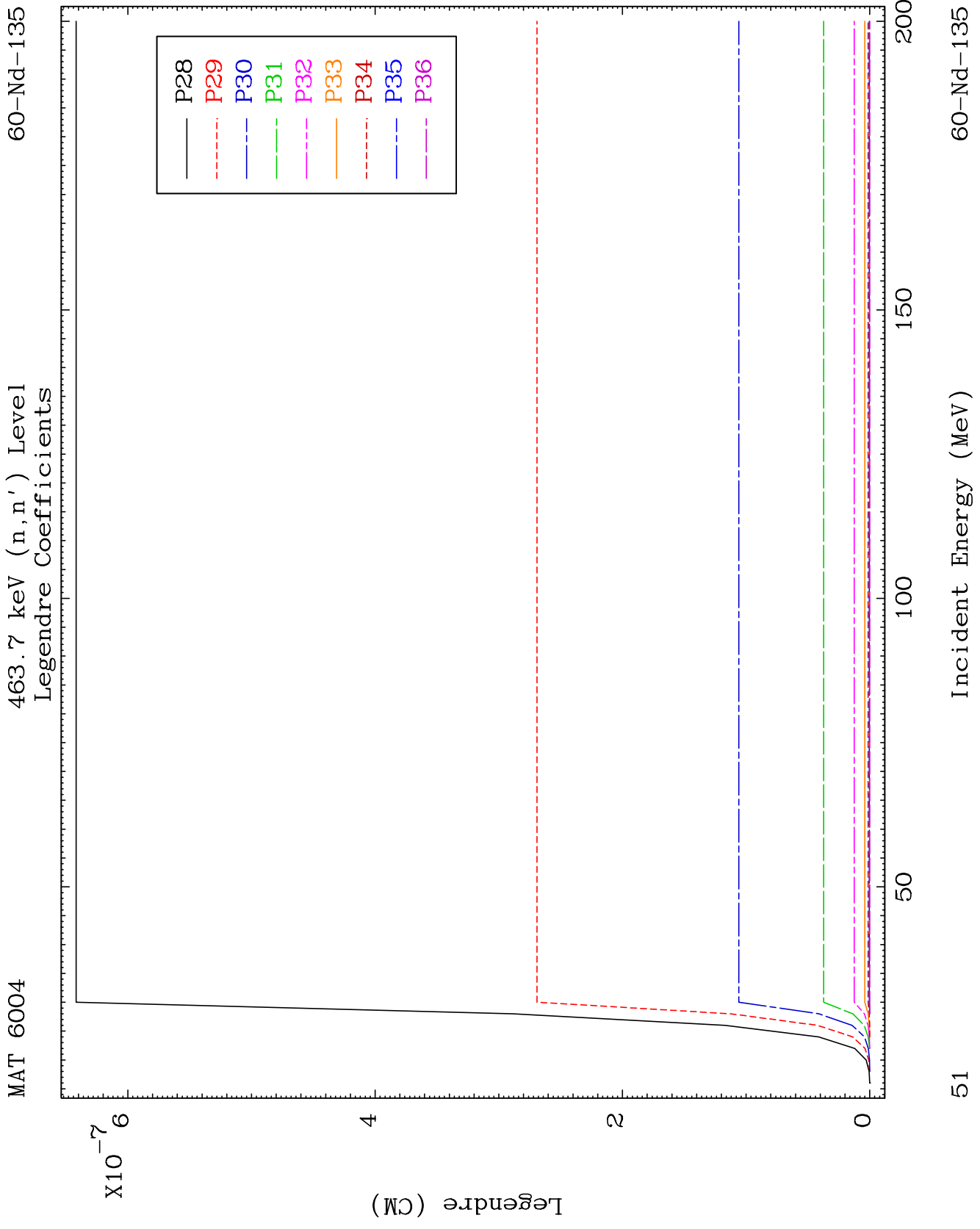


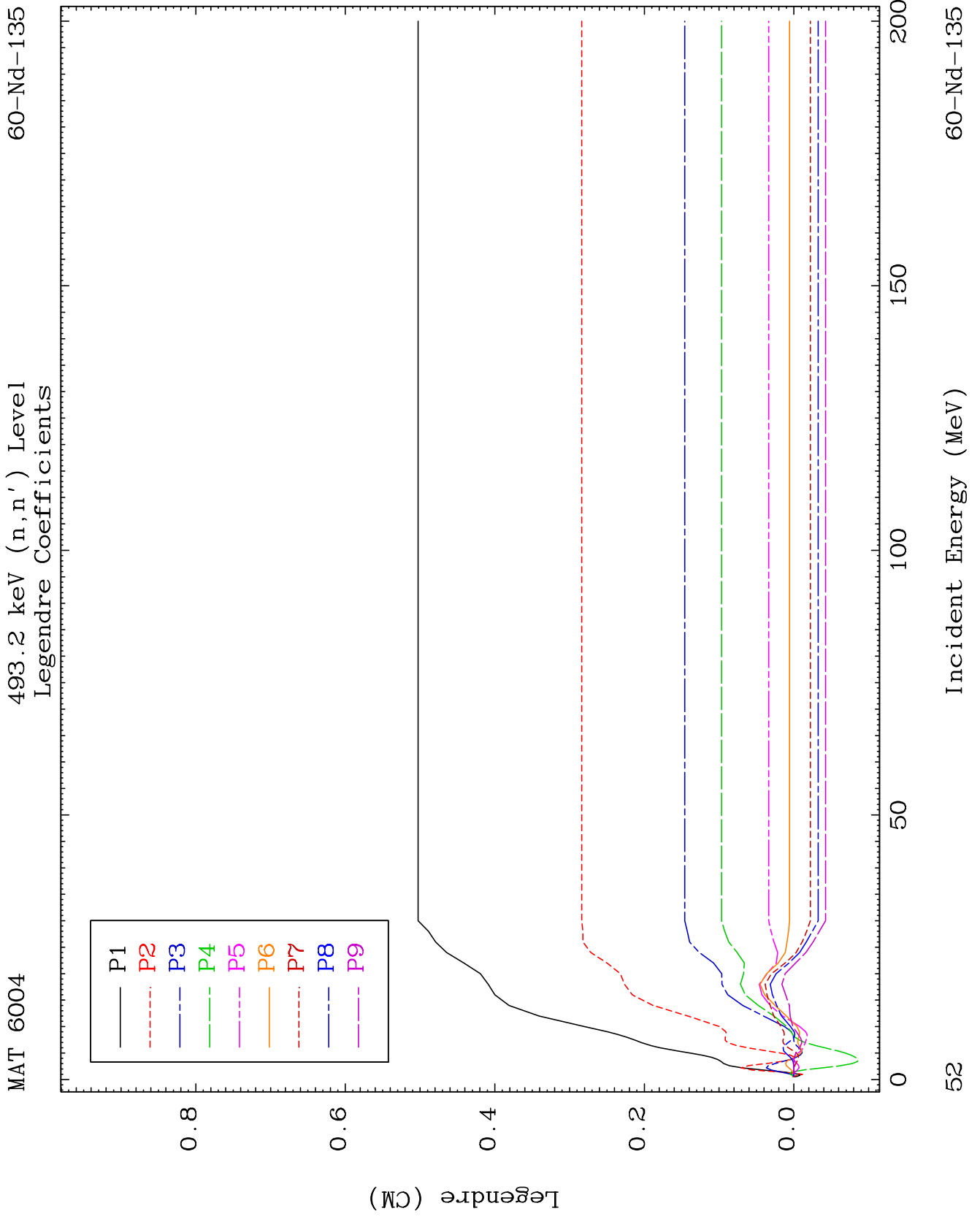
49

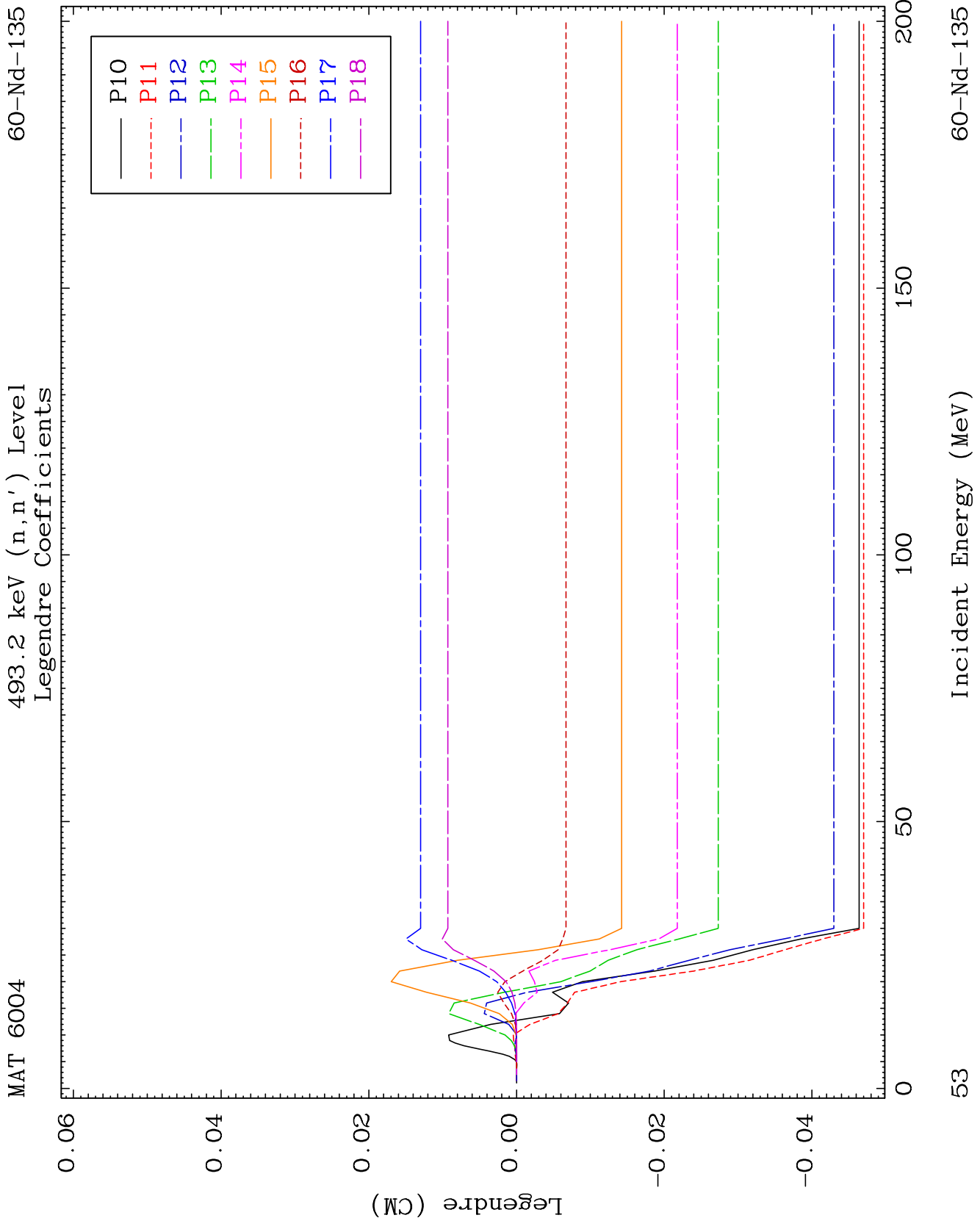
Incident Energy (MeV)

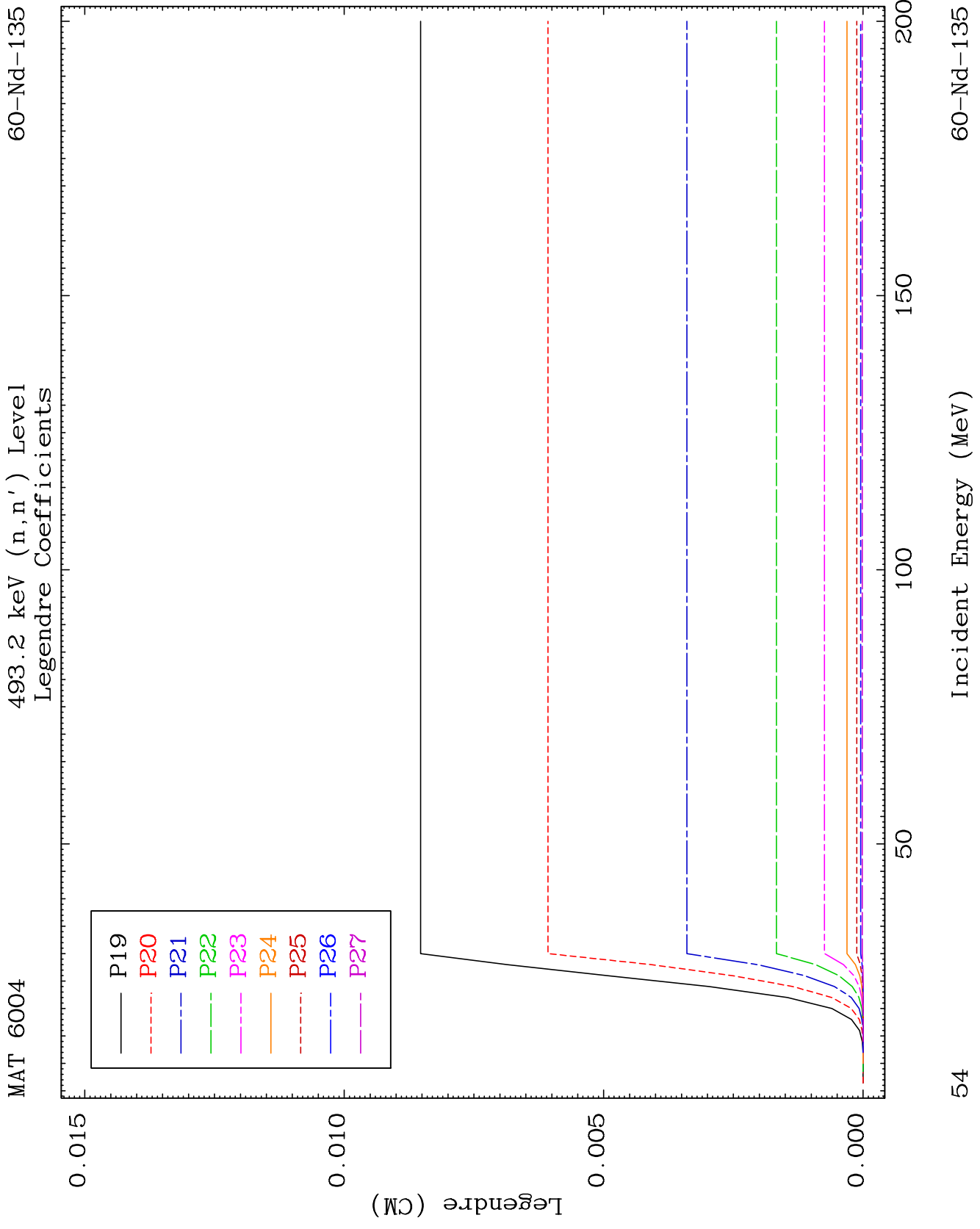
60-Nd-135

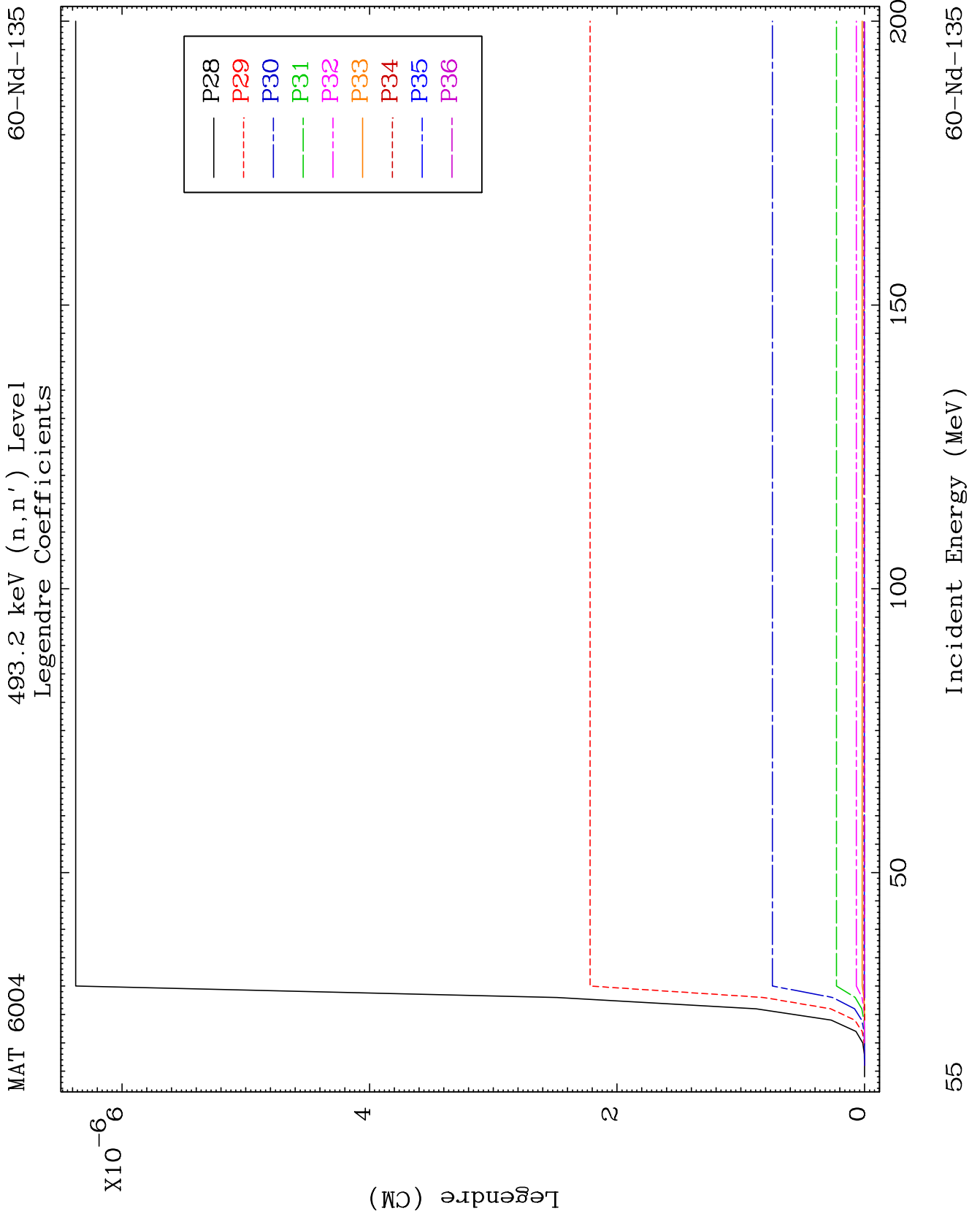


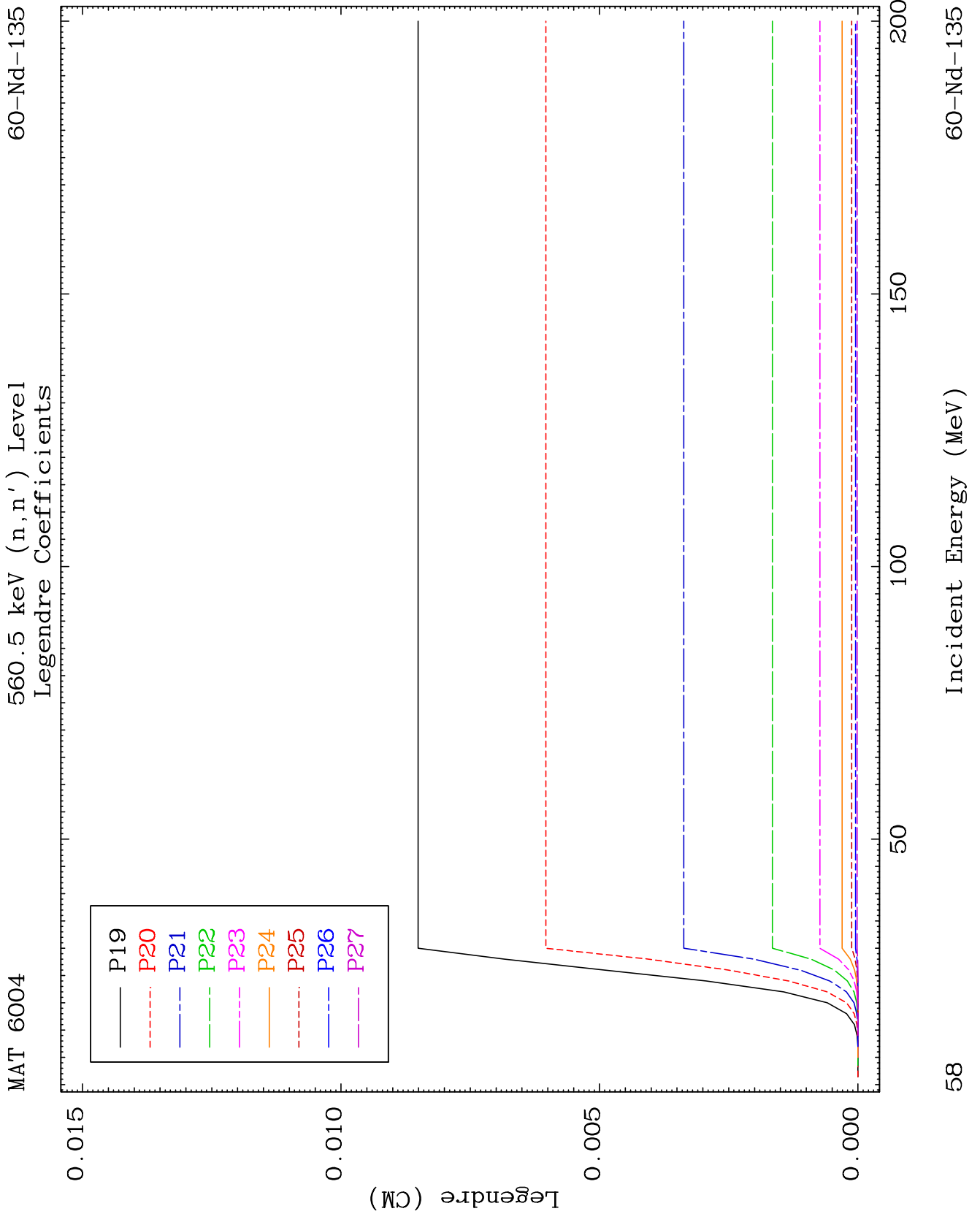


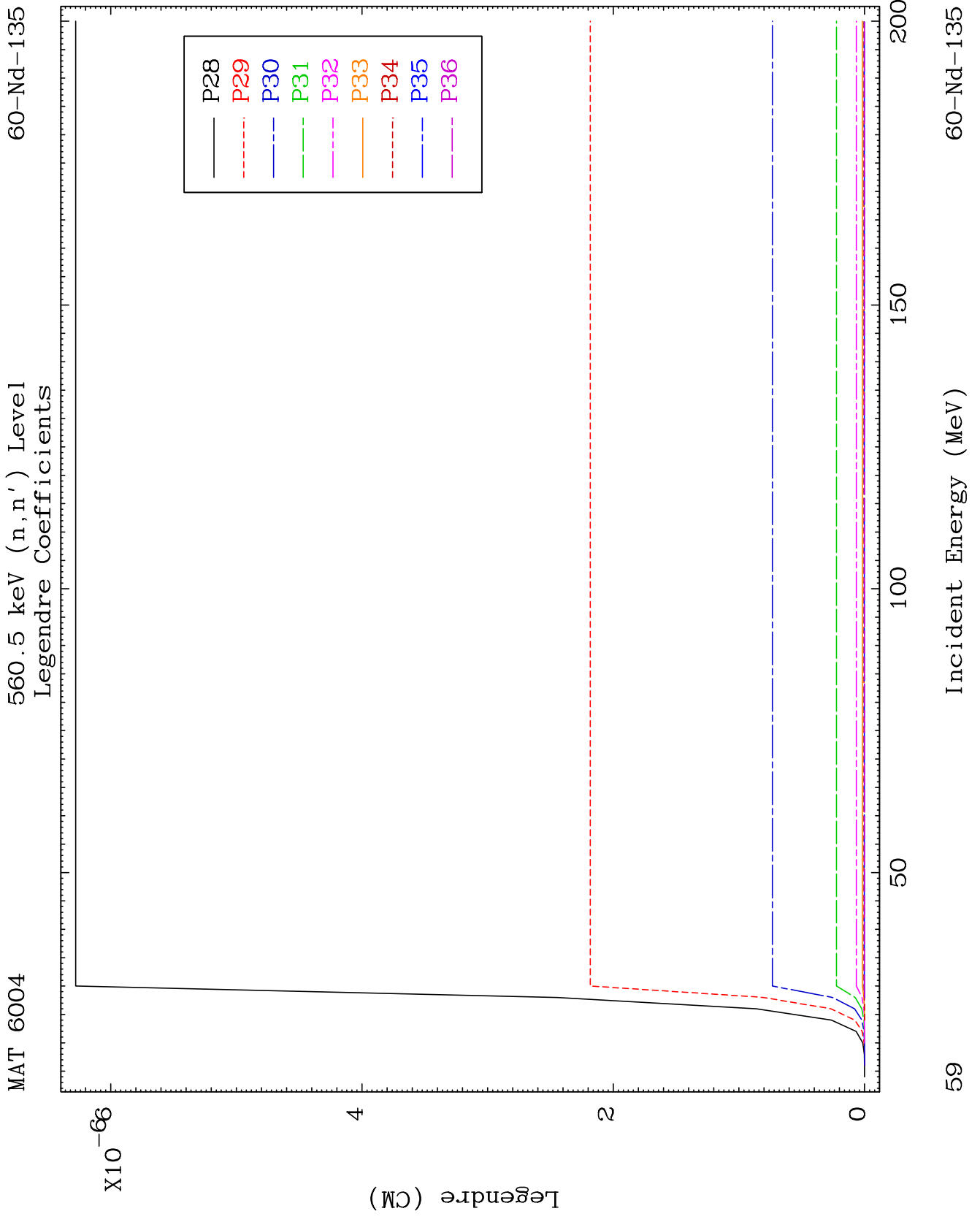


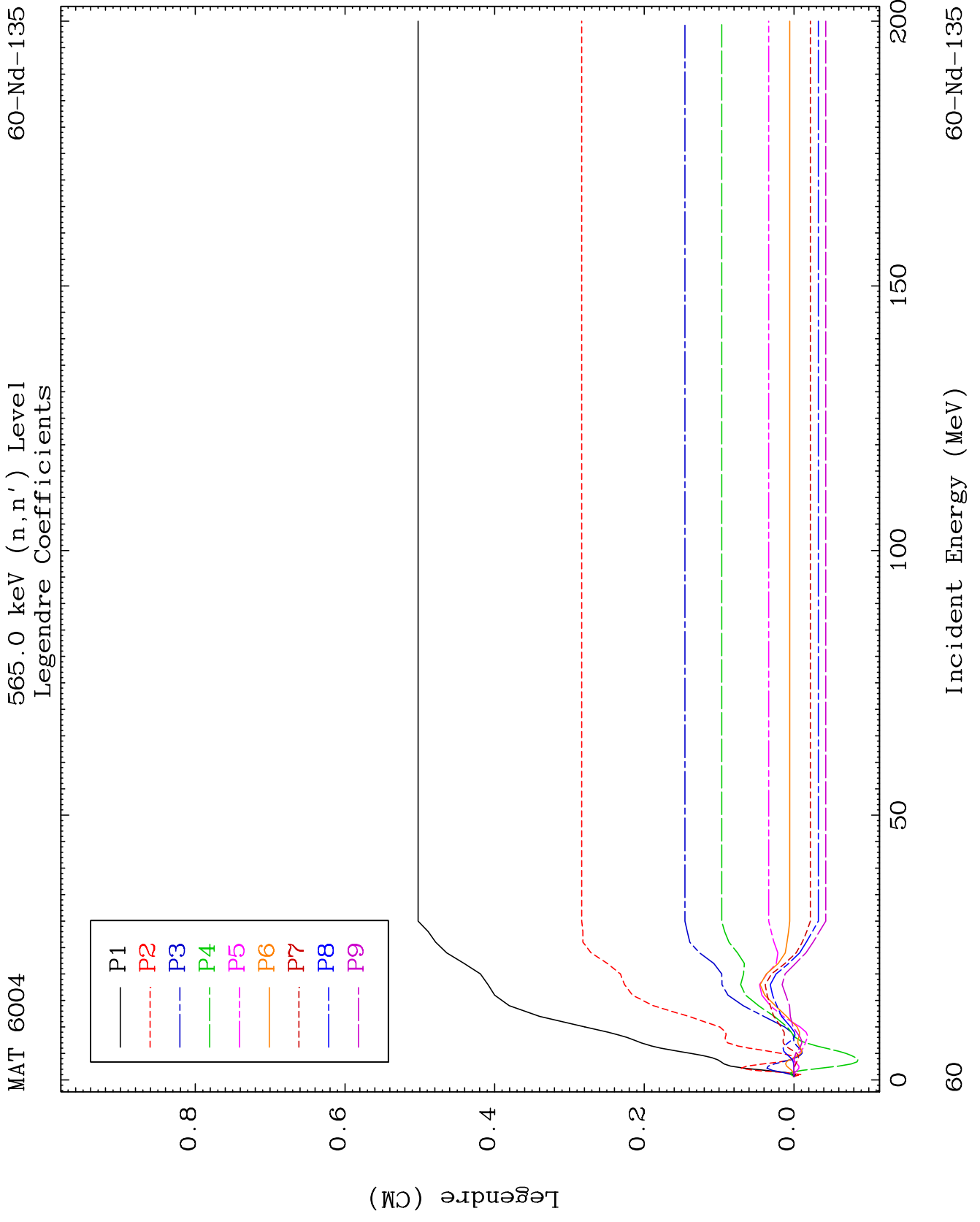


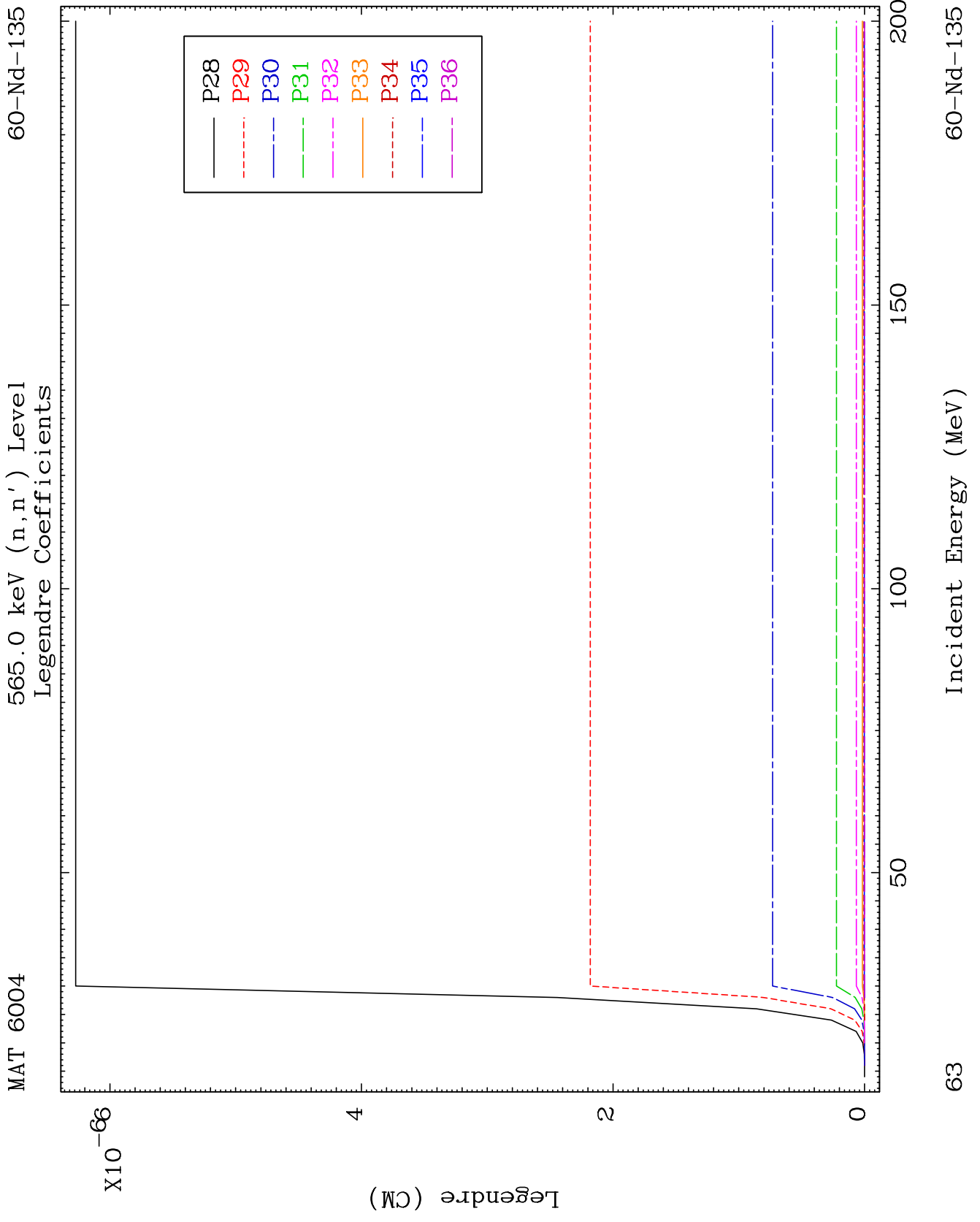


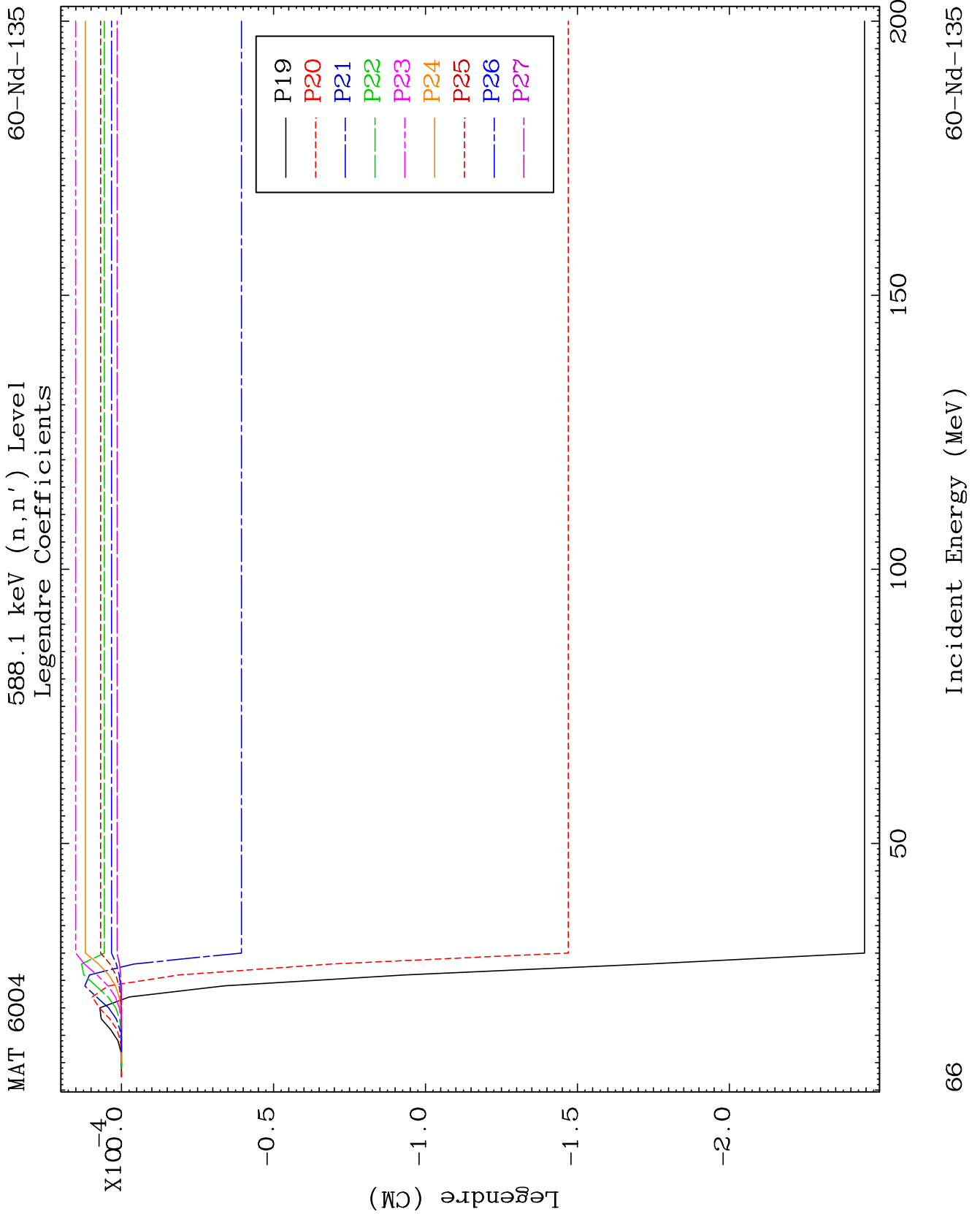








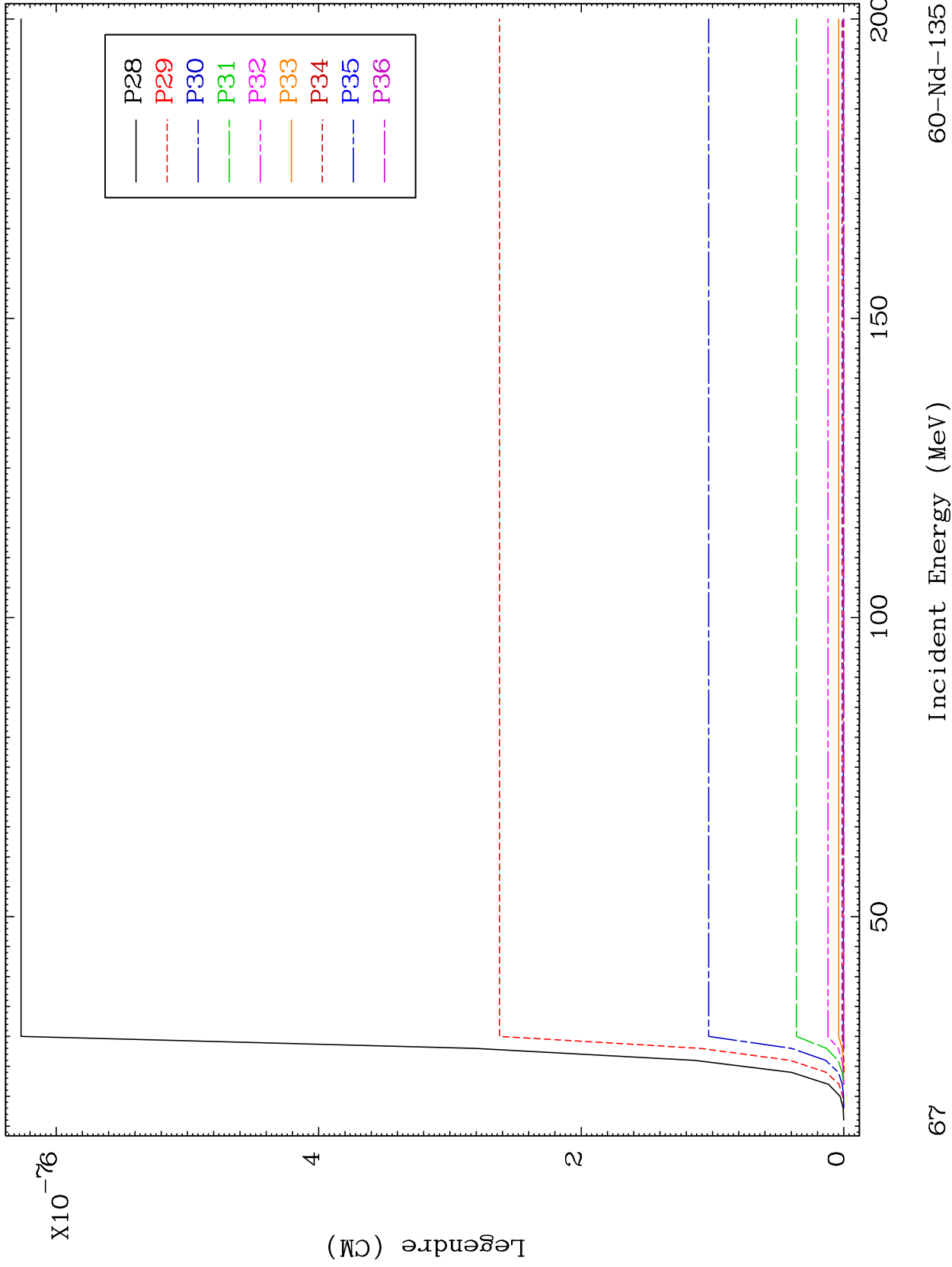




MAT 6004

588.1 keV (n,n') Level
Legendre Coefficients

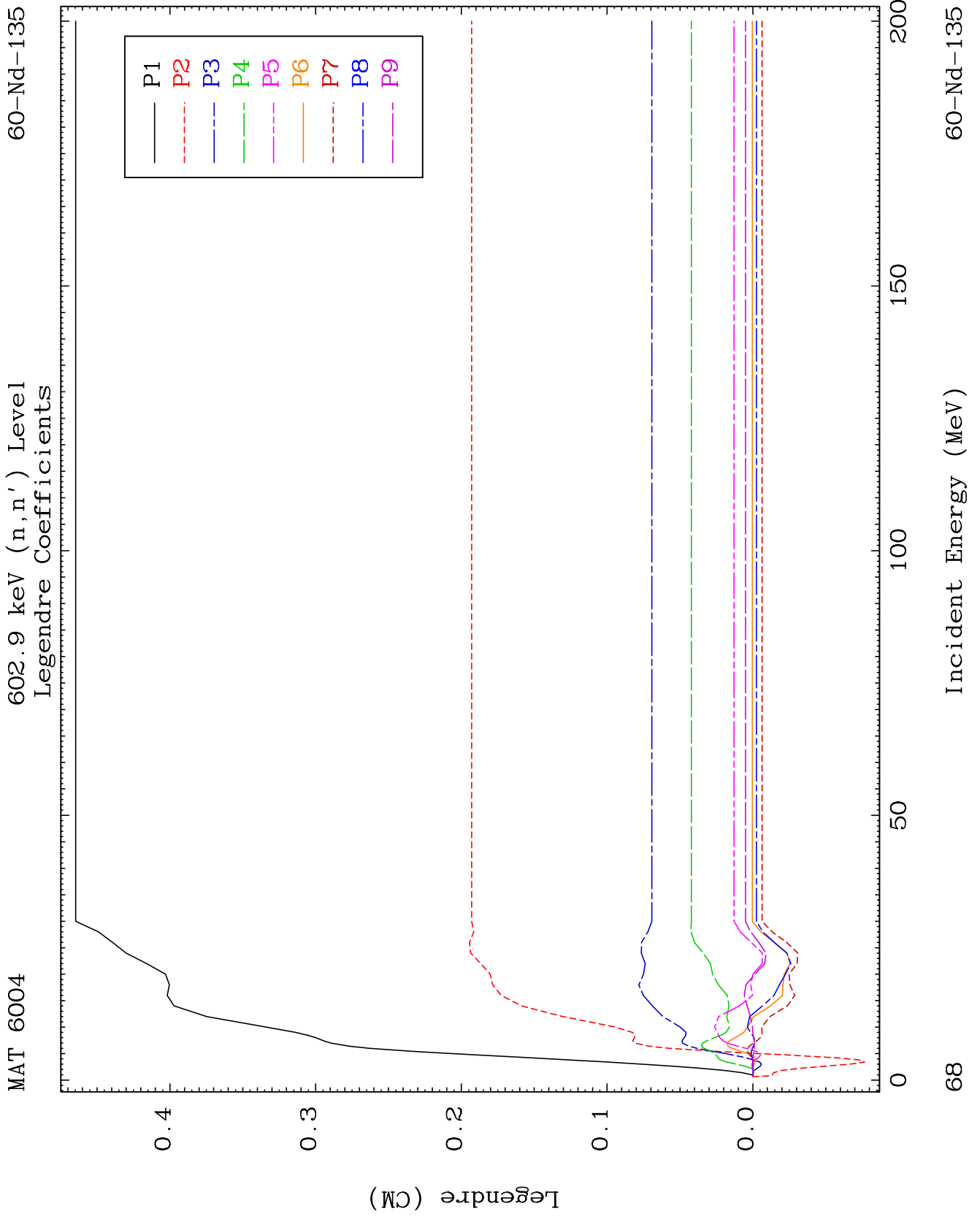
60-Nd-135



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Incident Energy (MeV)

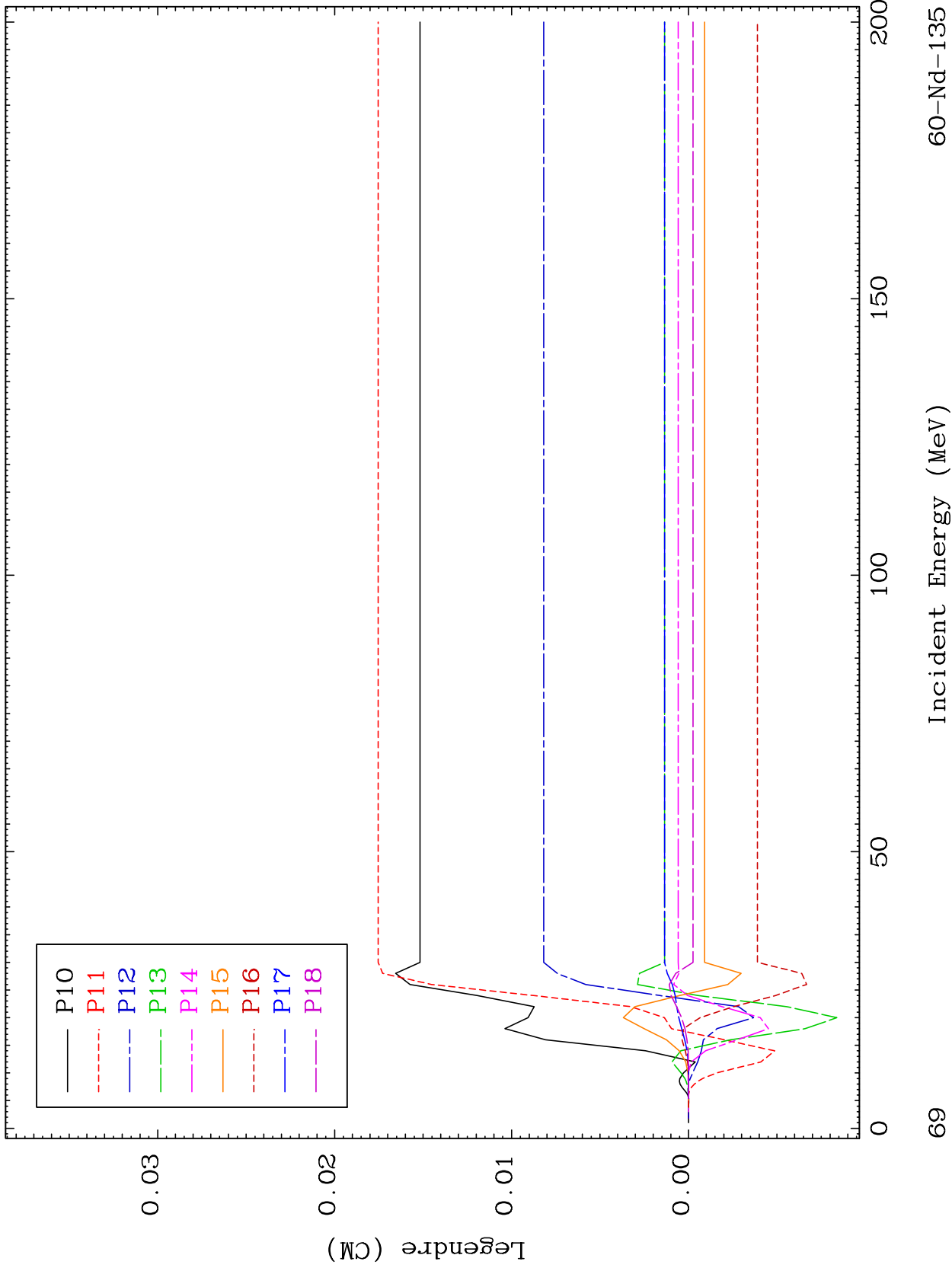
60-Nd-135



MAT 6004

602.9 keV (n,n') Level
Legendre Coefficients

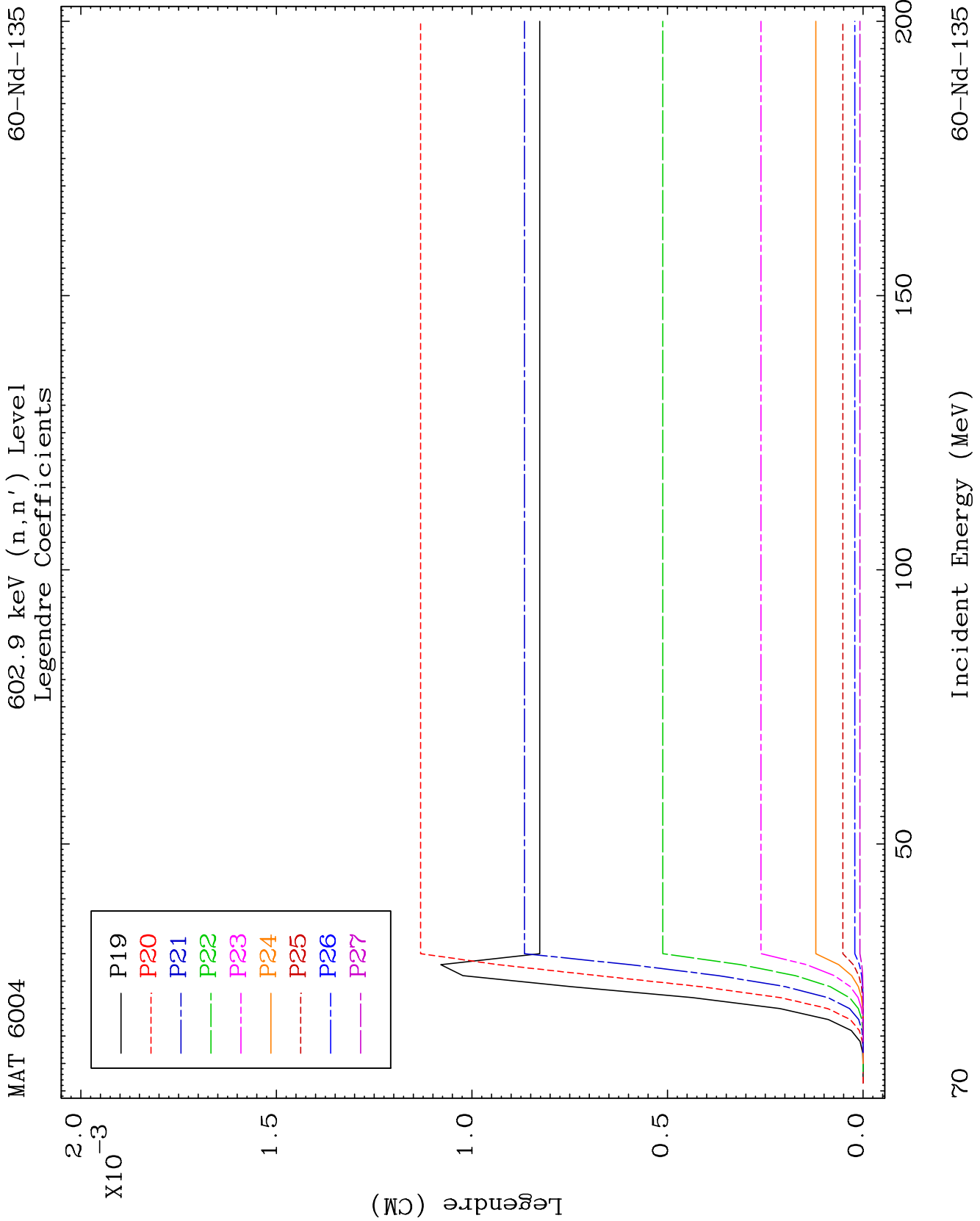
60-Nd-135

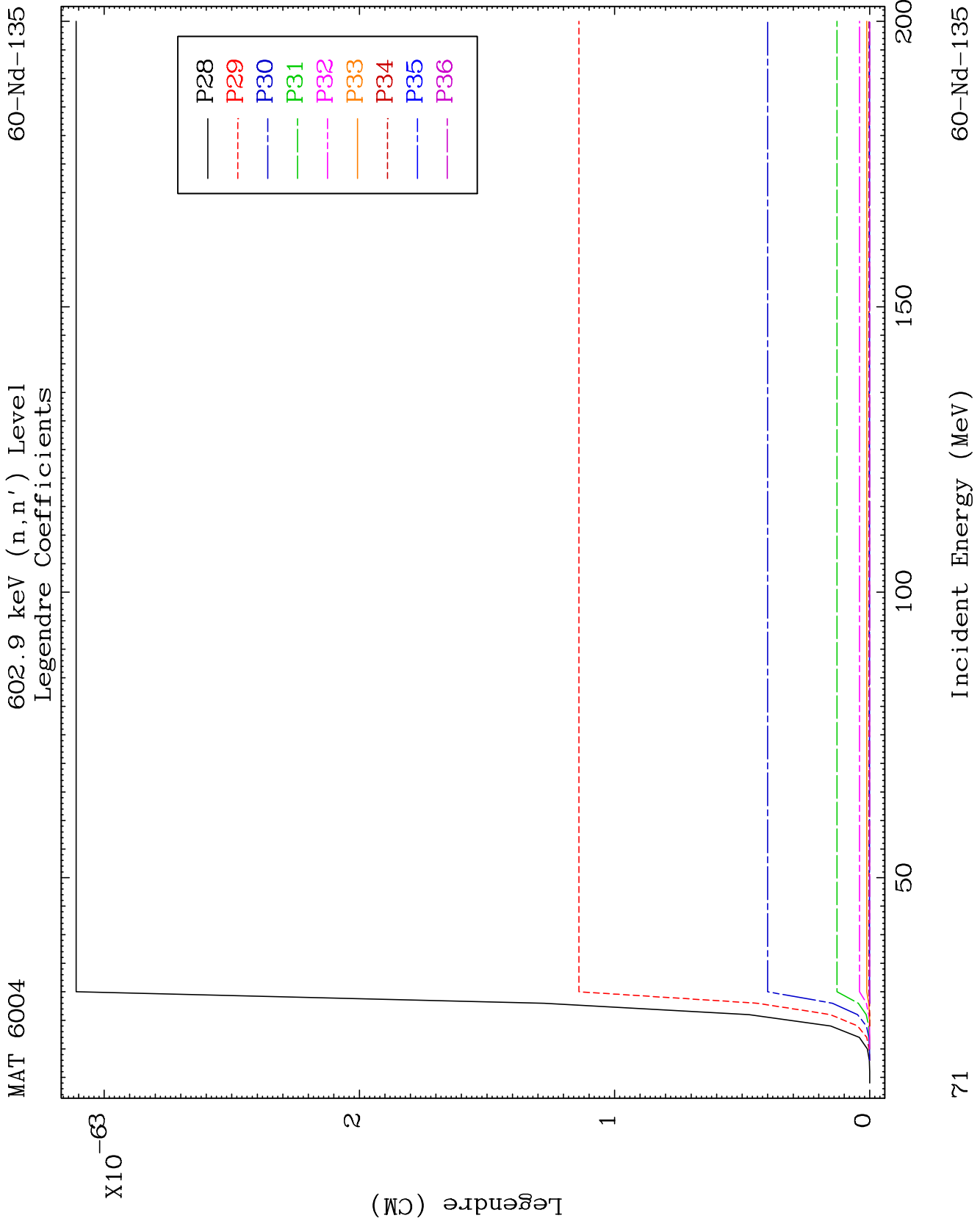


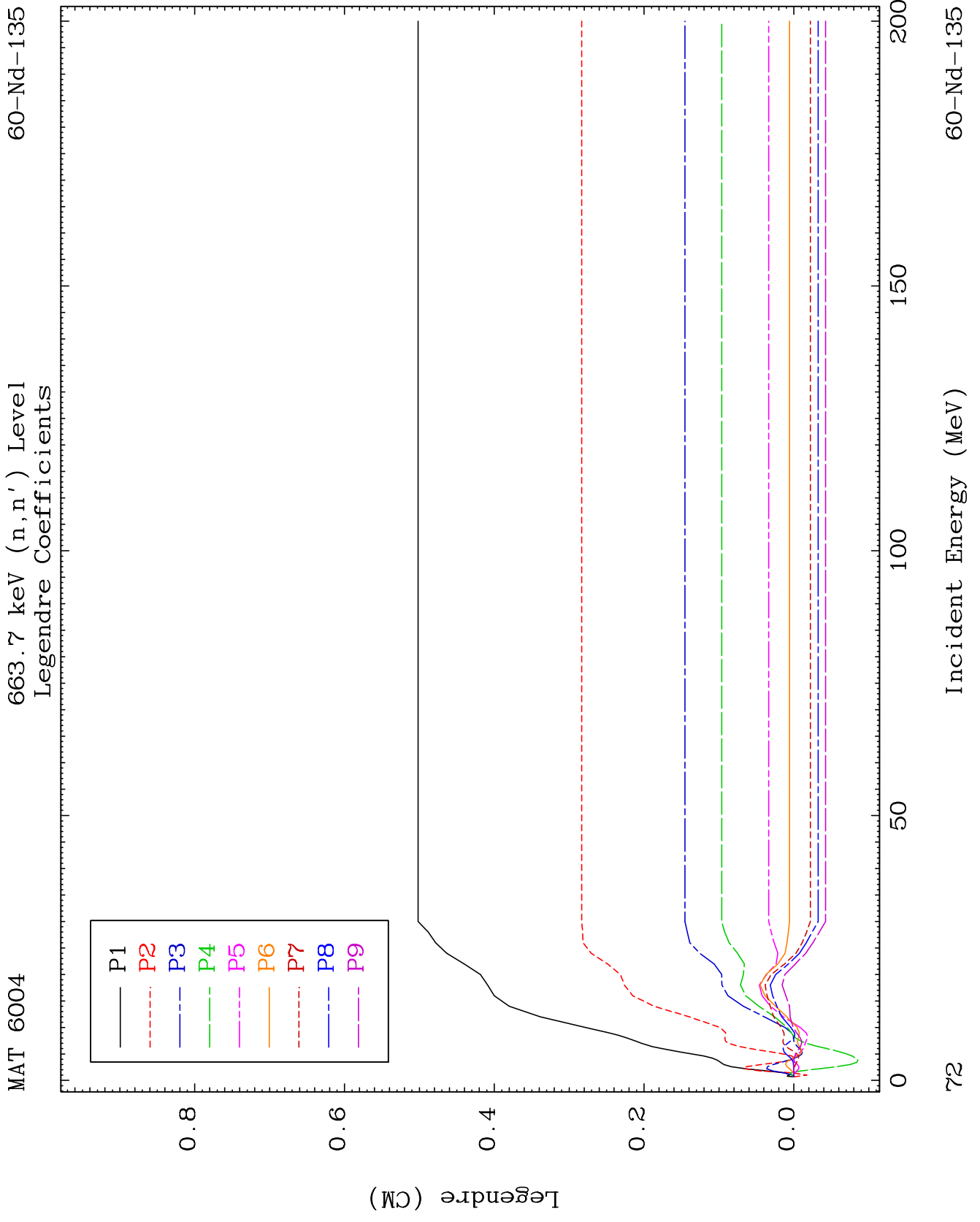
60-Nd-135

Incident Energy (MeV)

69



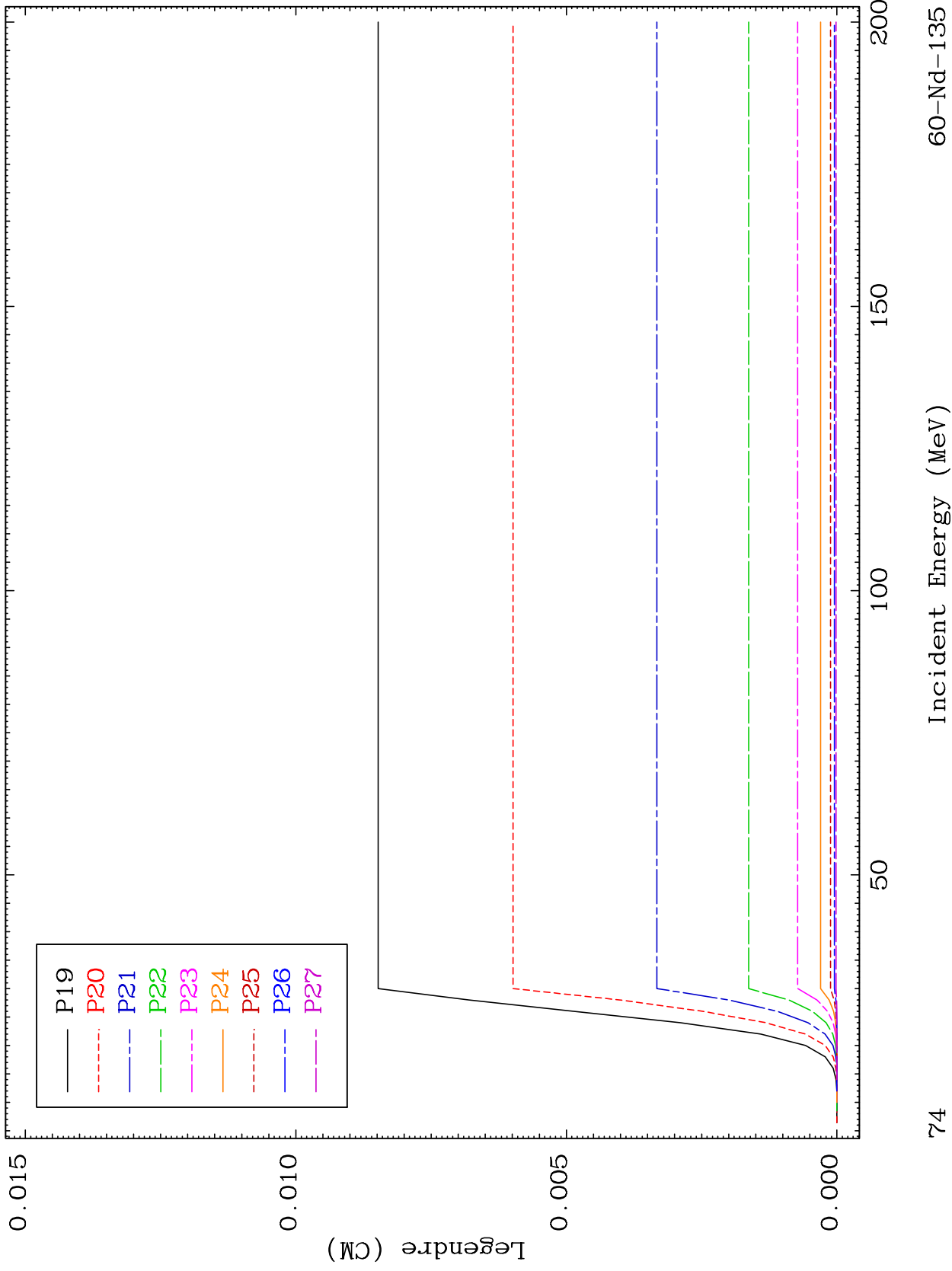




MAT 6004

663.7 keV (n,n') Level
Legendre Coefficients

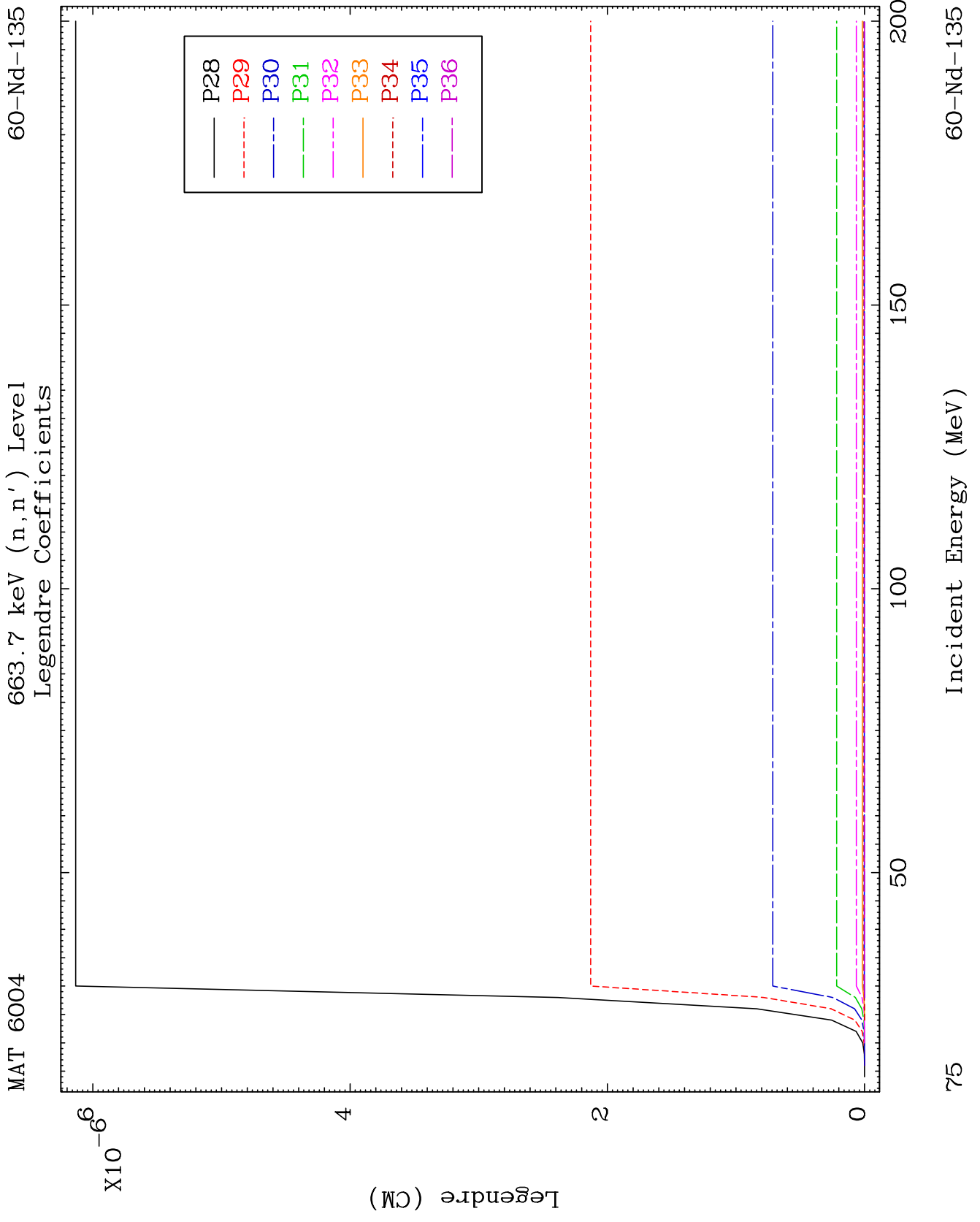
60-Nd-135

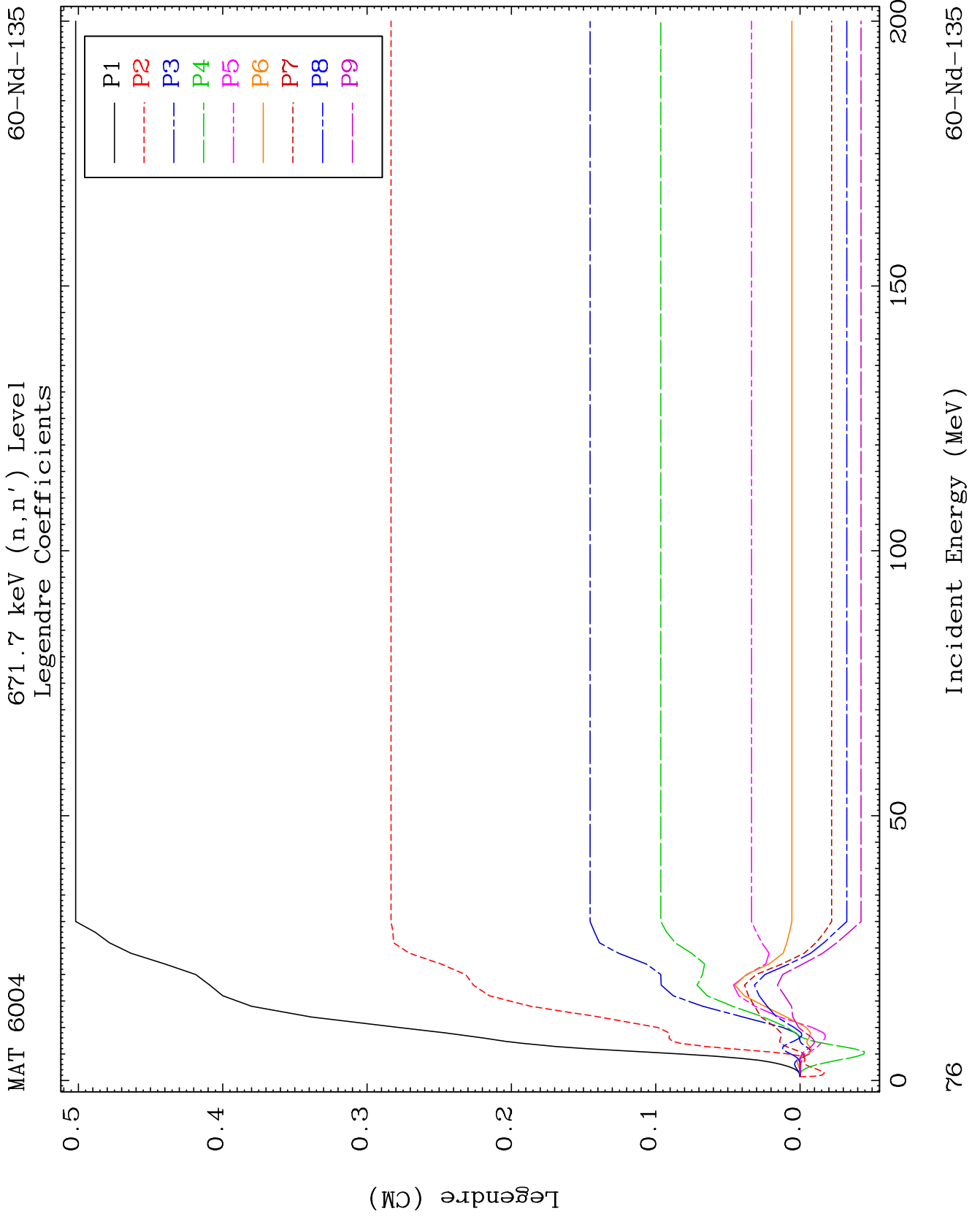


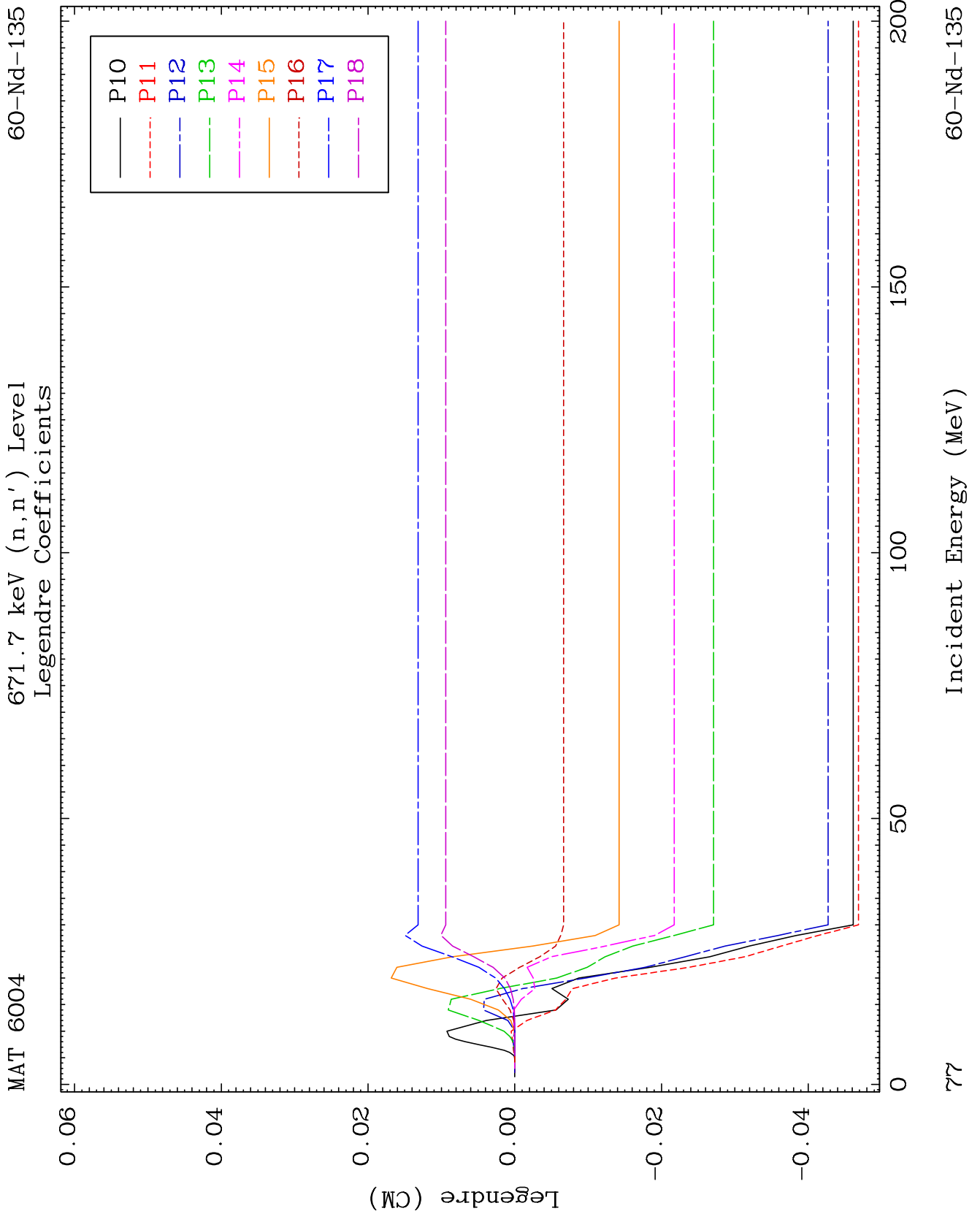
74

Incident Energy (MeV)

60-Nd-135



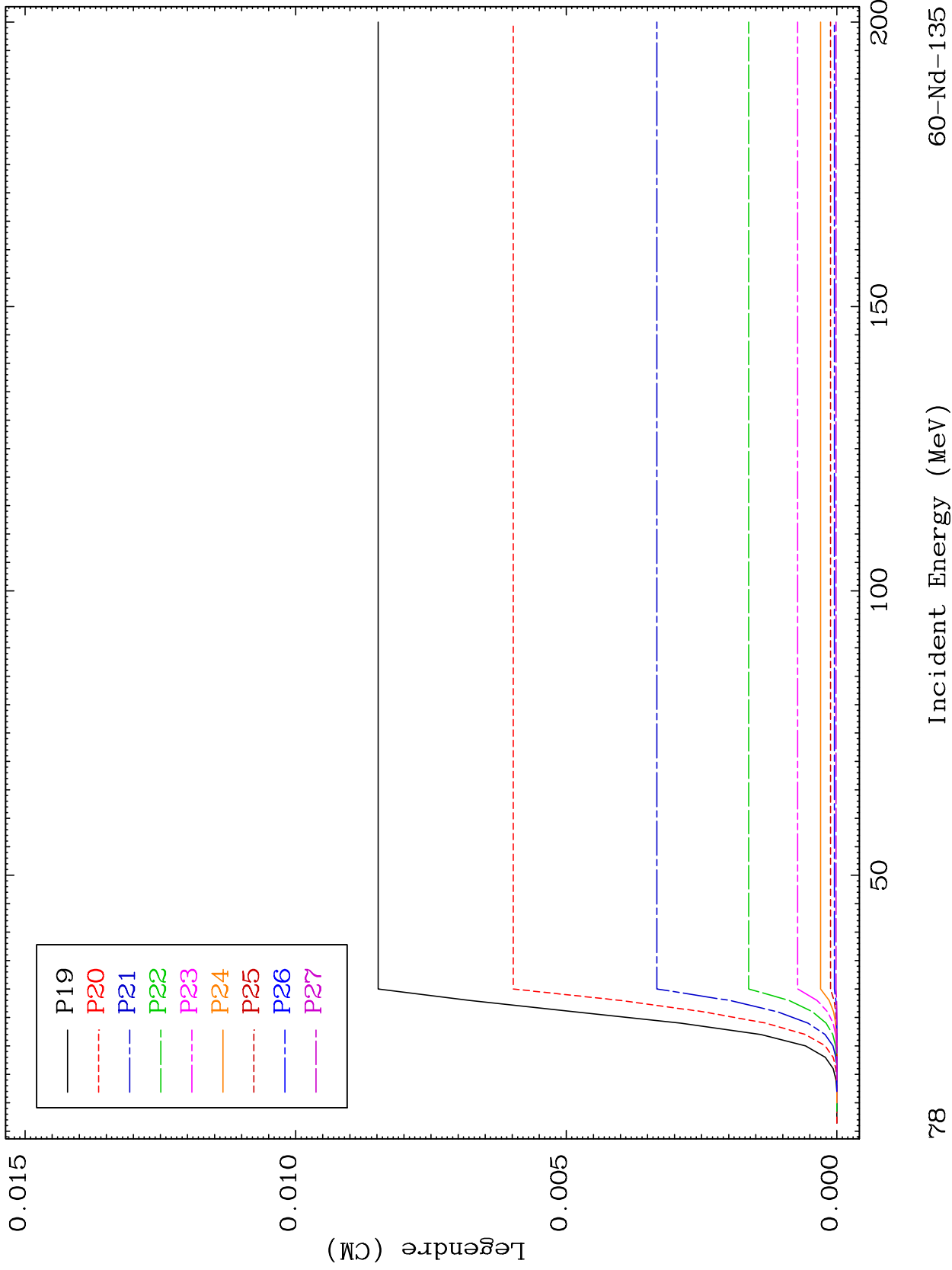




MAT 6004

671.7 keV (n,n') Level
Legendre Coefficients

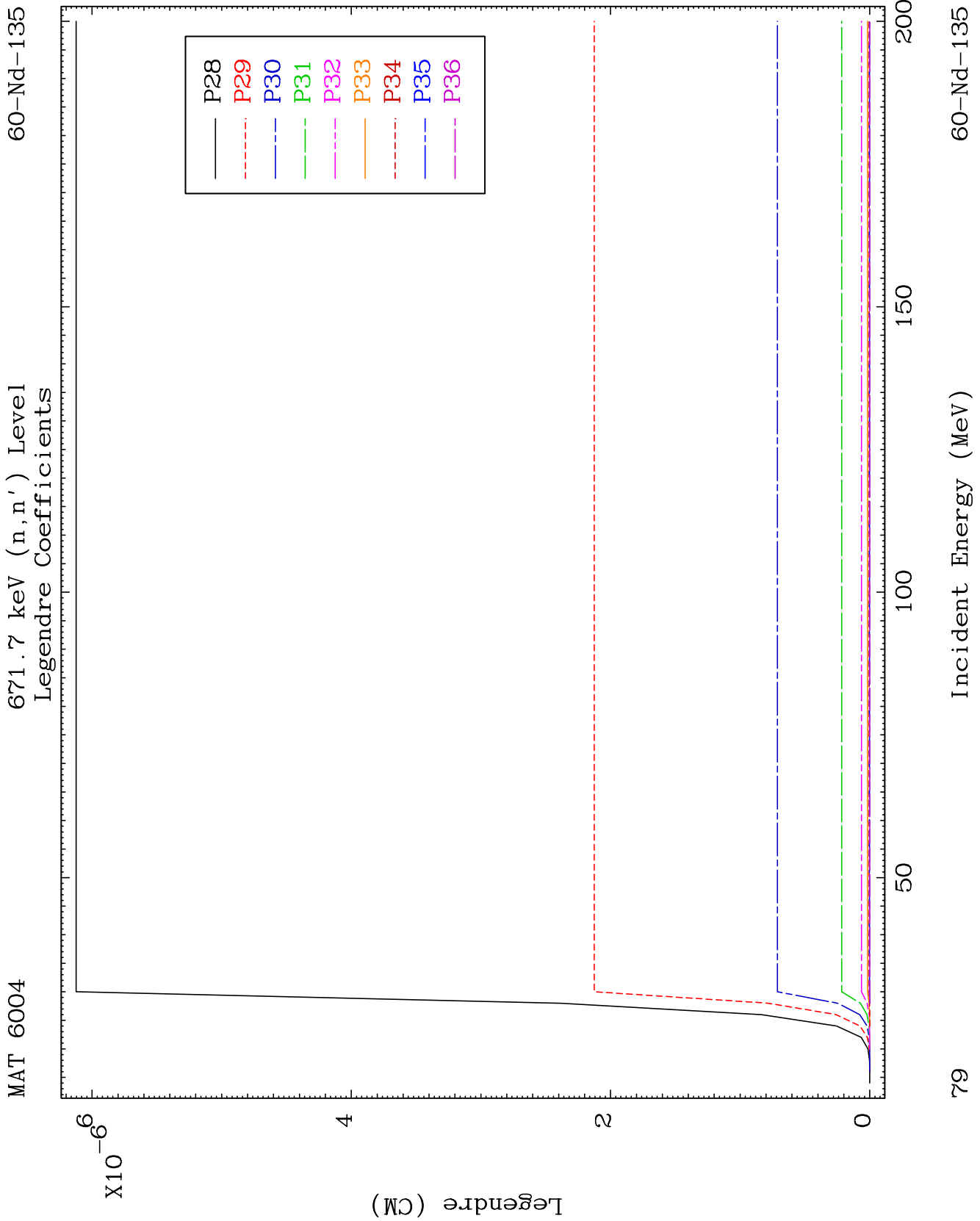
60-Nd-135

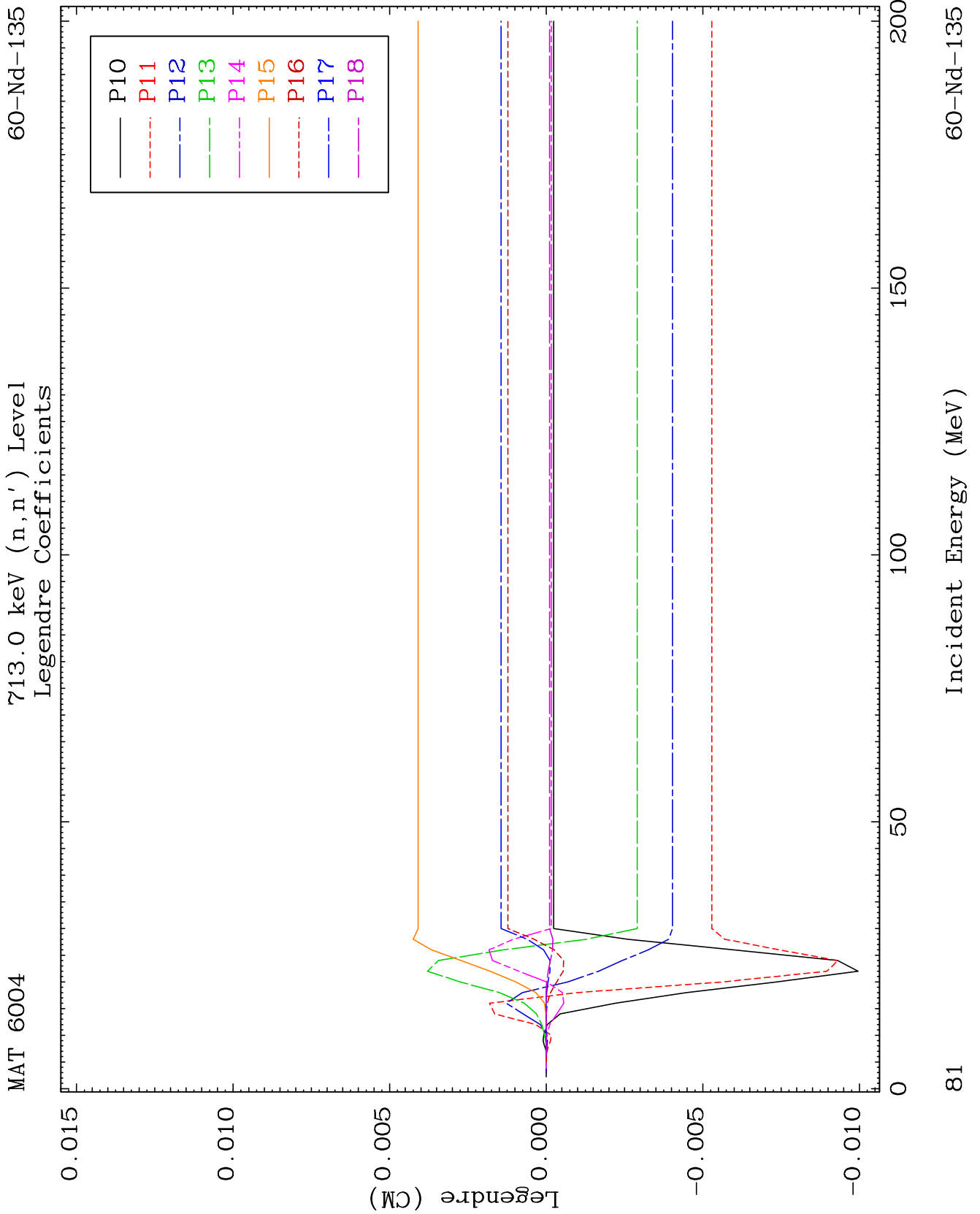


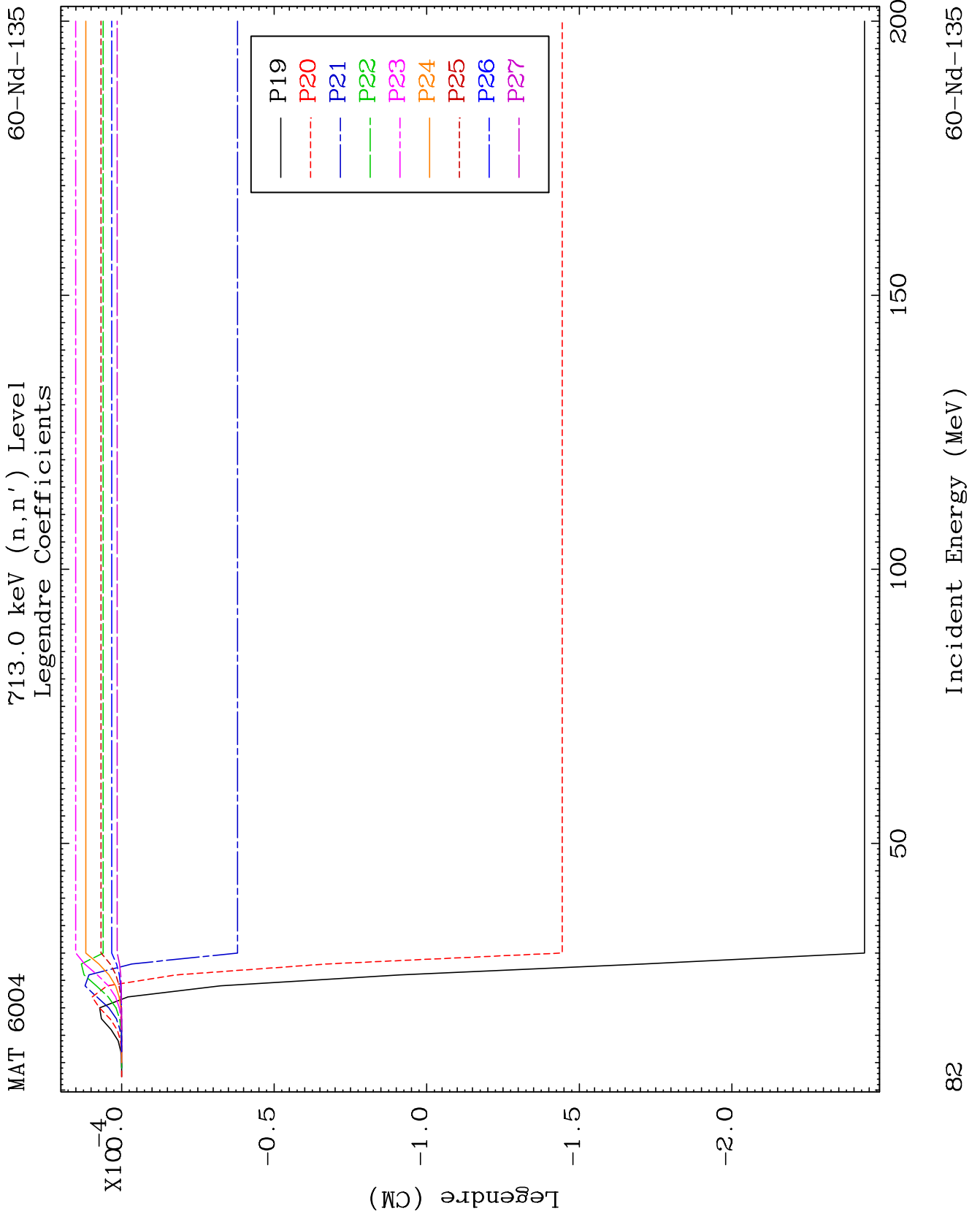
78

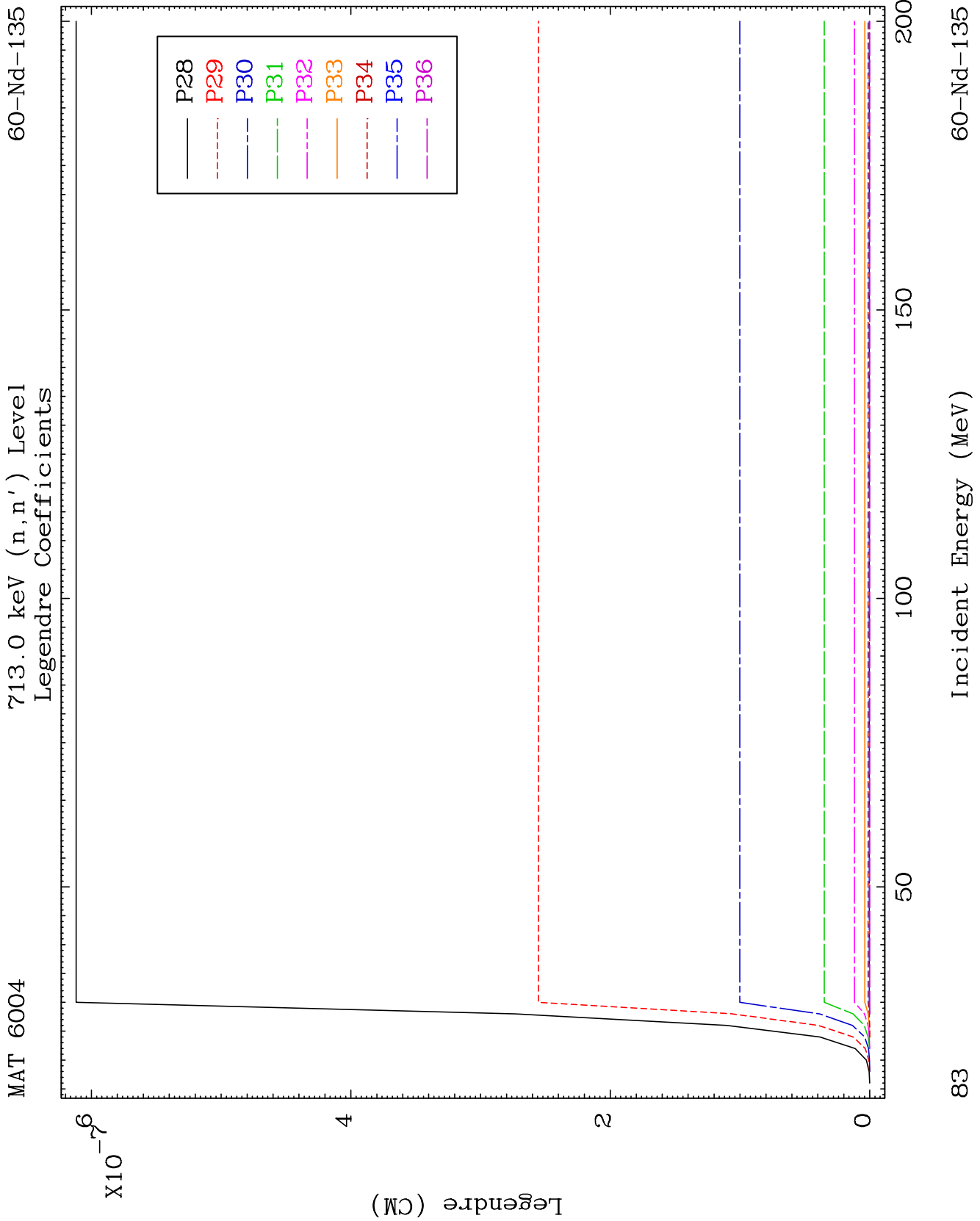
Incident Energy (MeV)

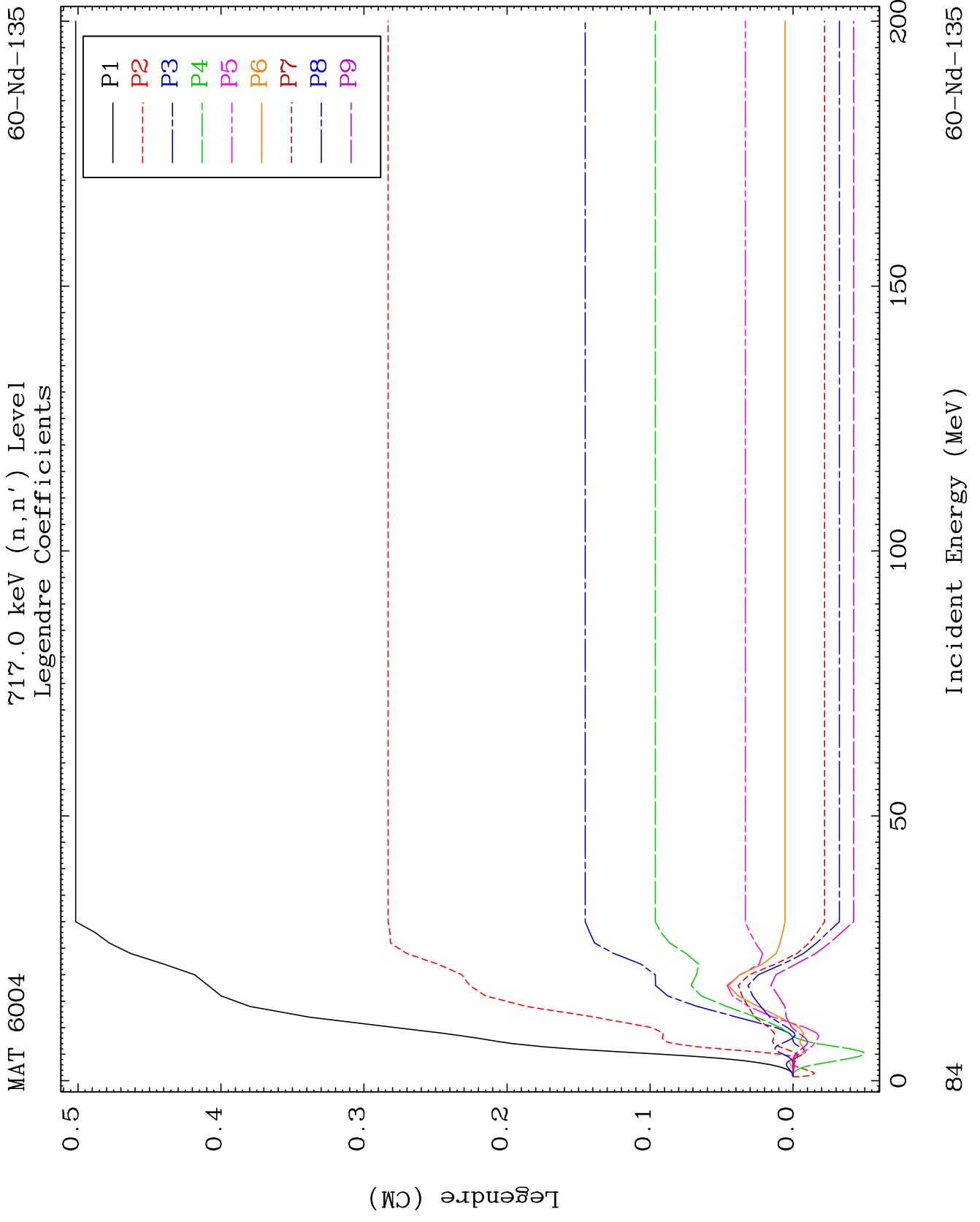
60-Nd-135

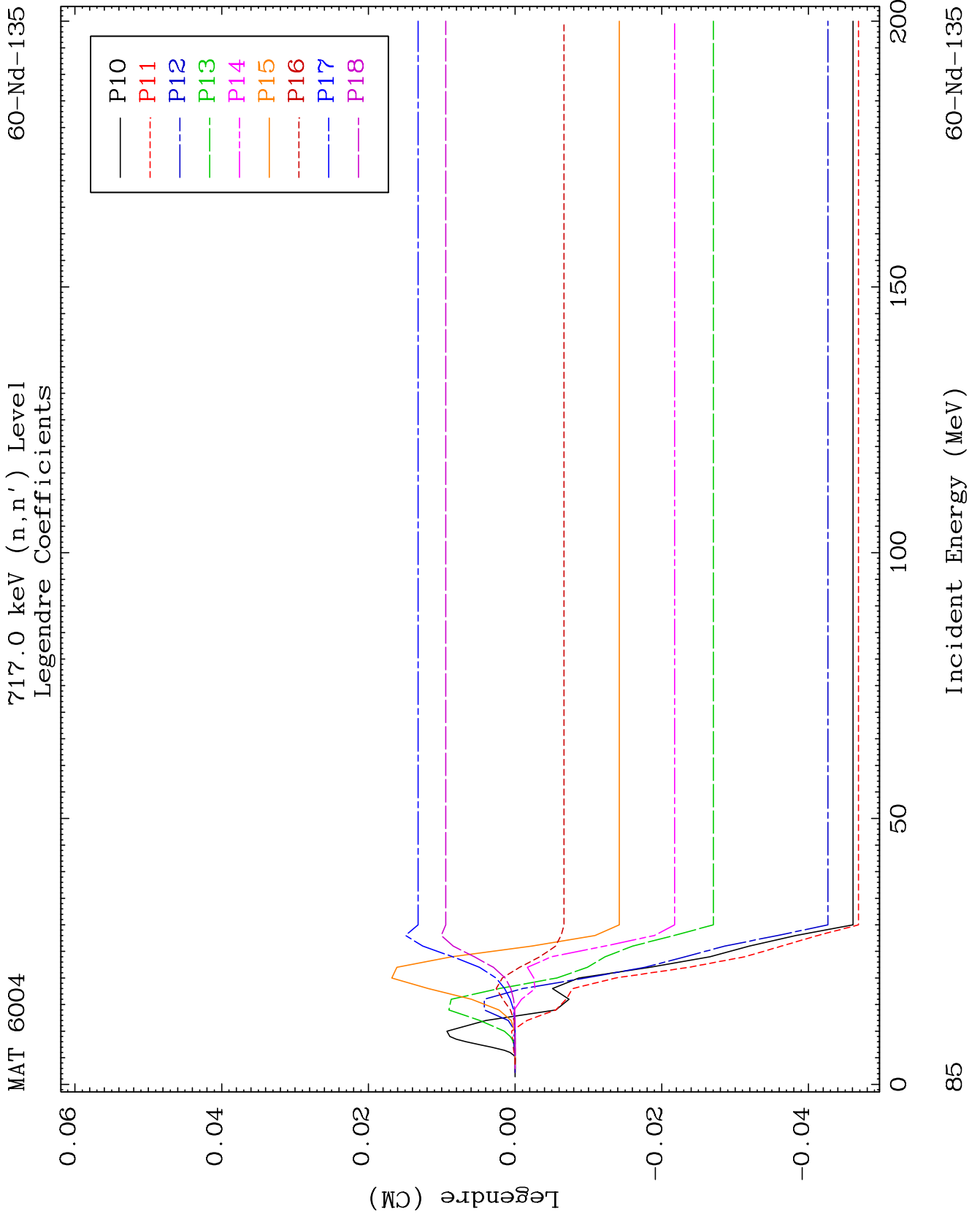


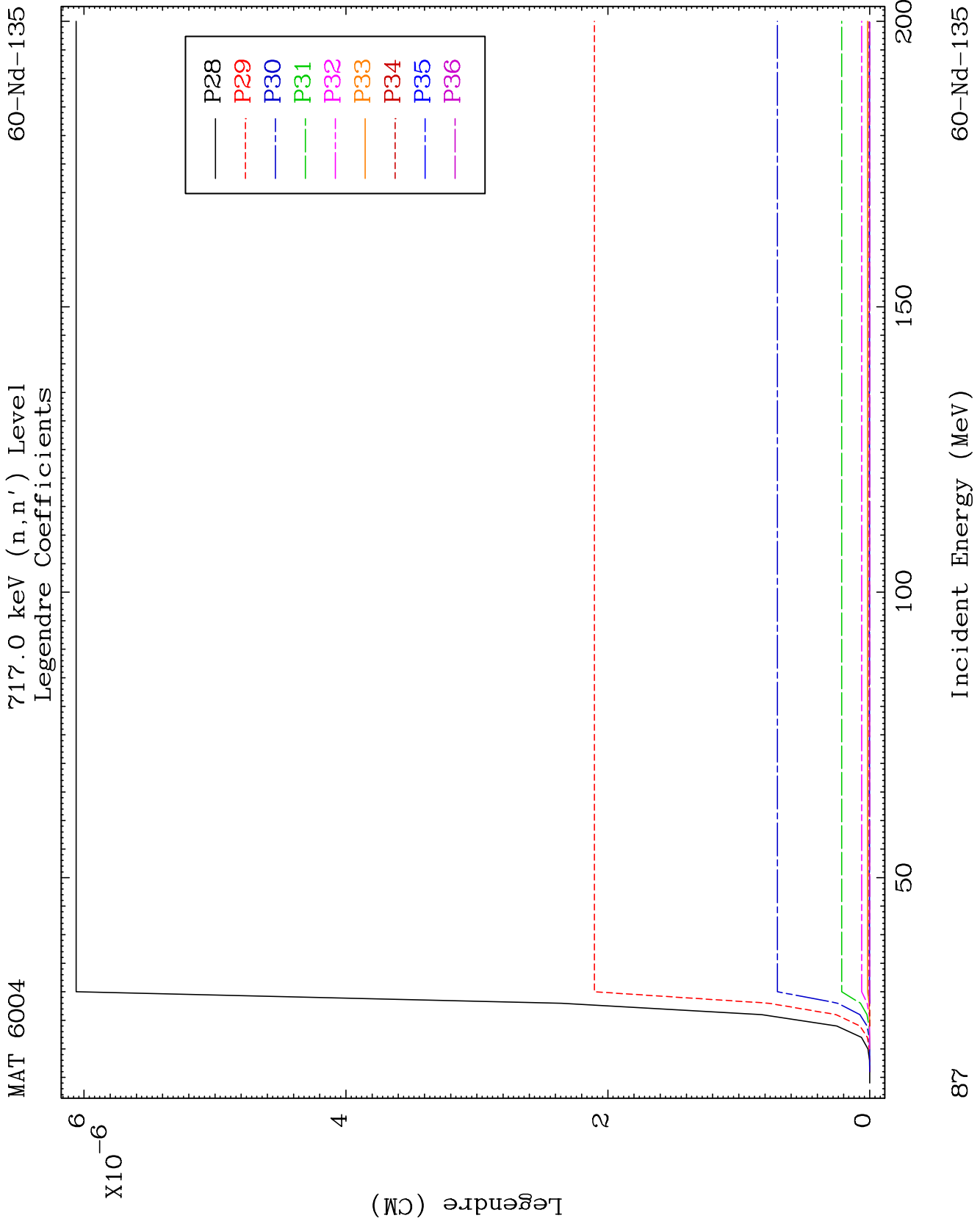


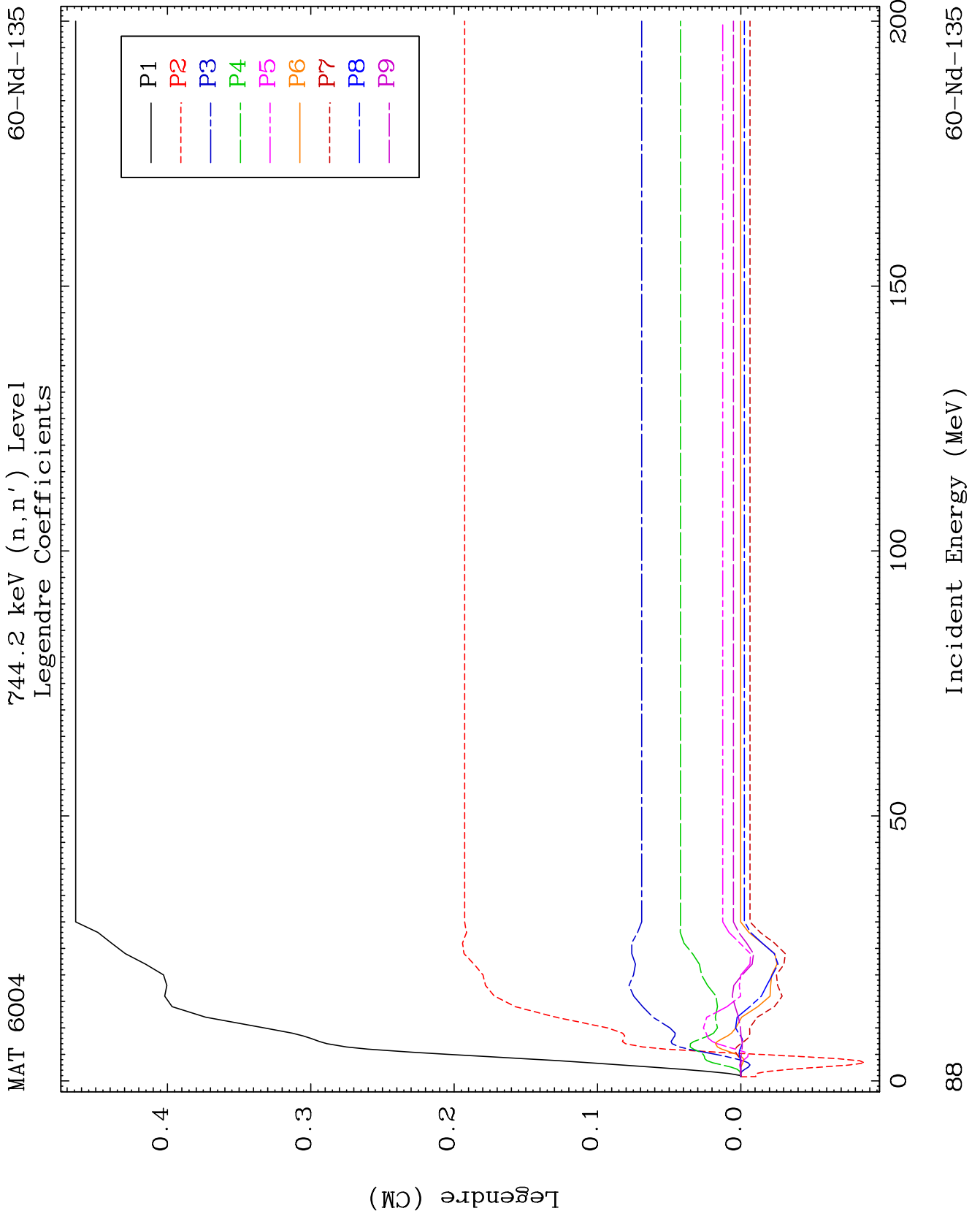








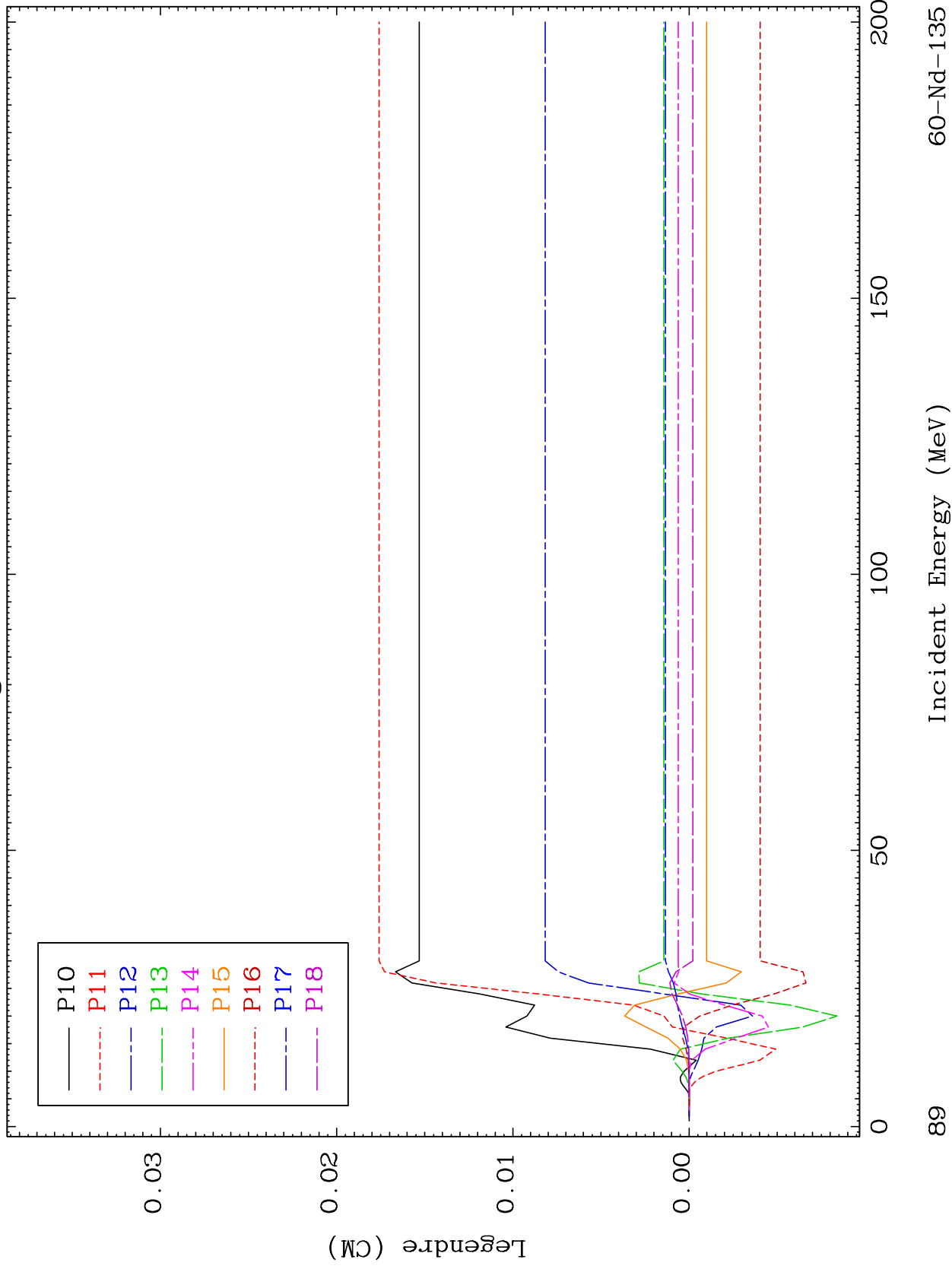




MAT 6004

744.2 keV (n, n') Level
Legendre Coefficients

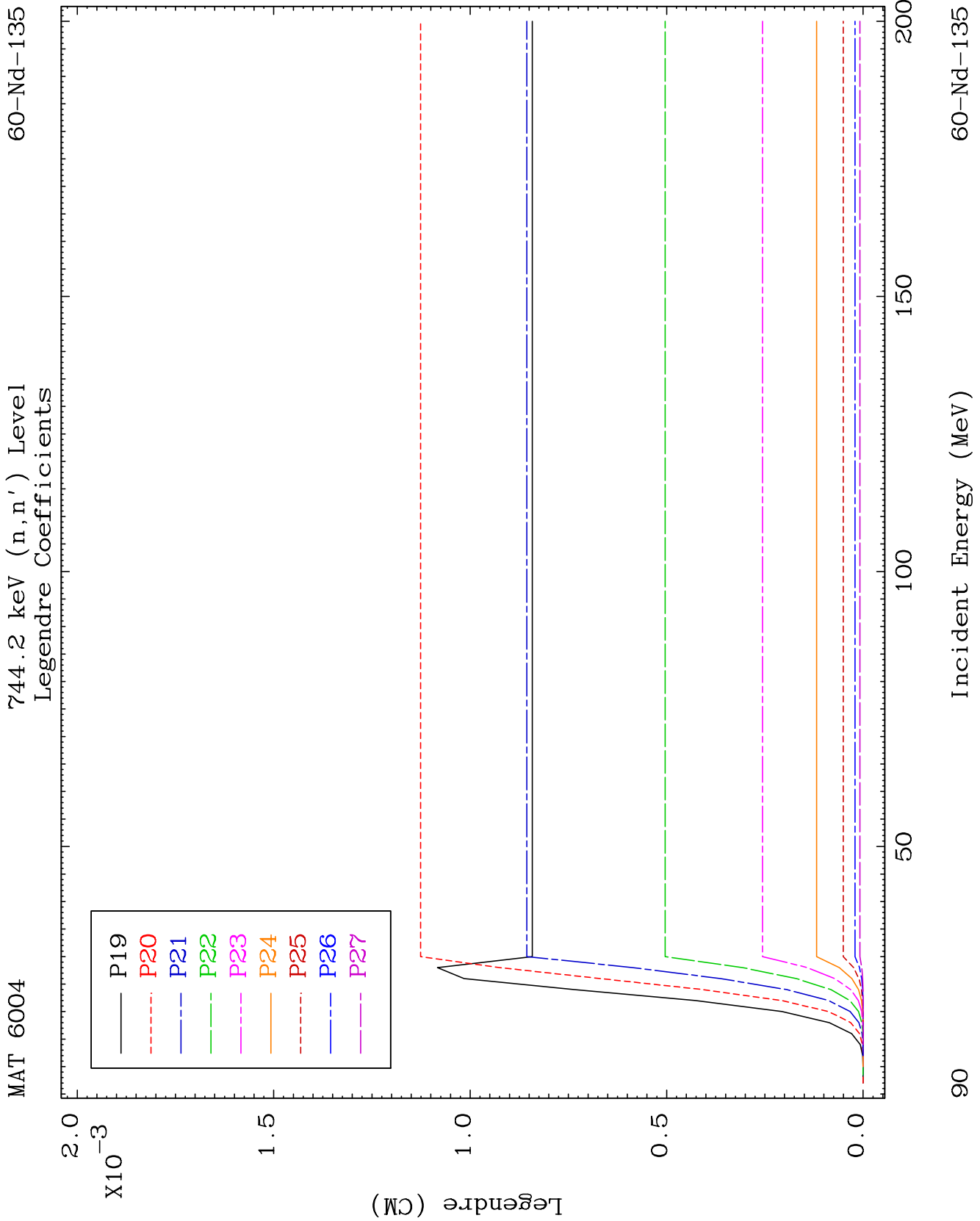
60-Nd-135

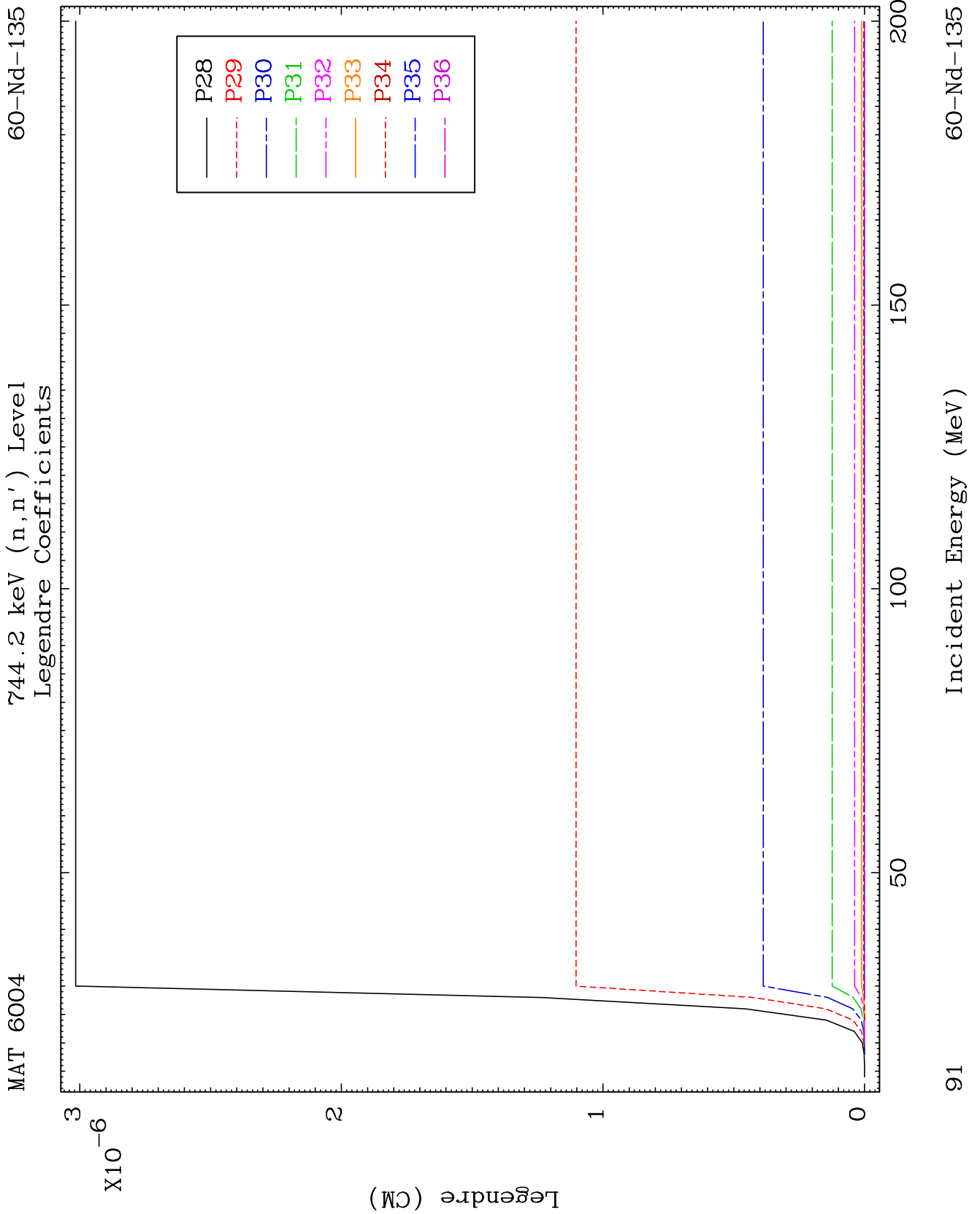


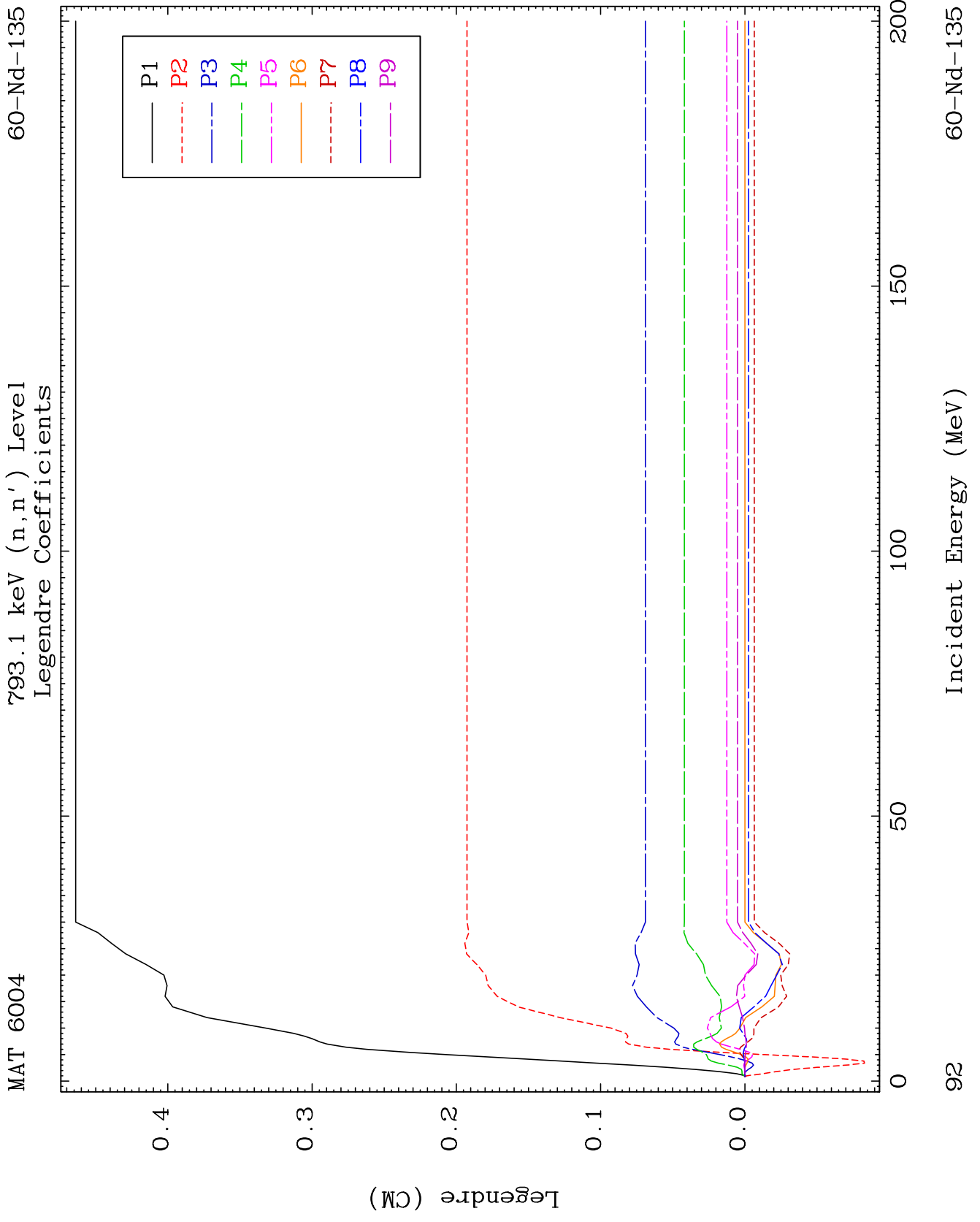
89

Incident Energy (MeV)

60-Nd-135



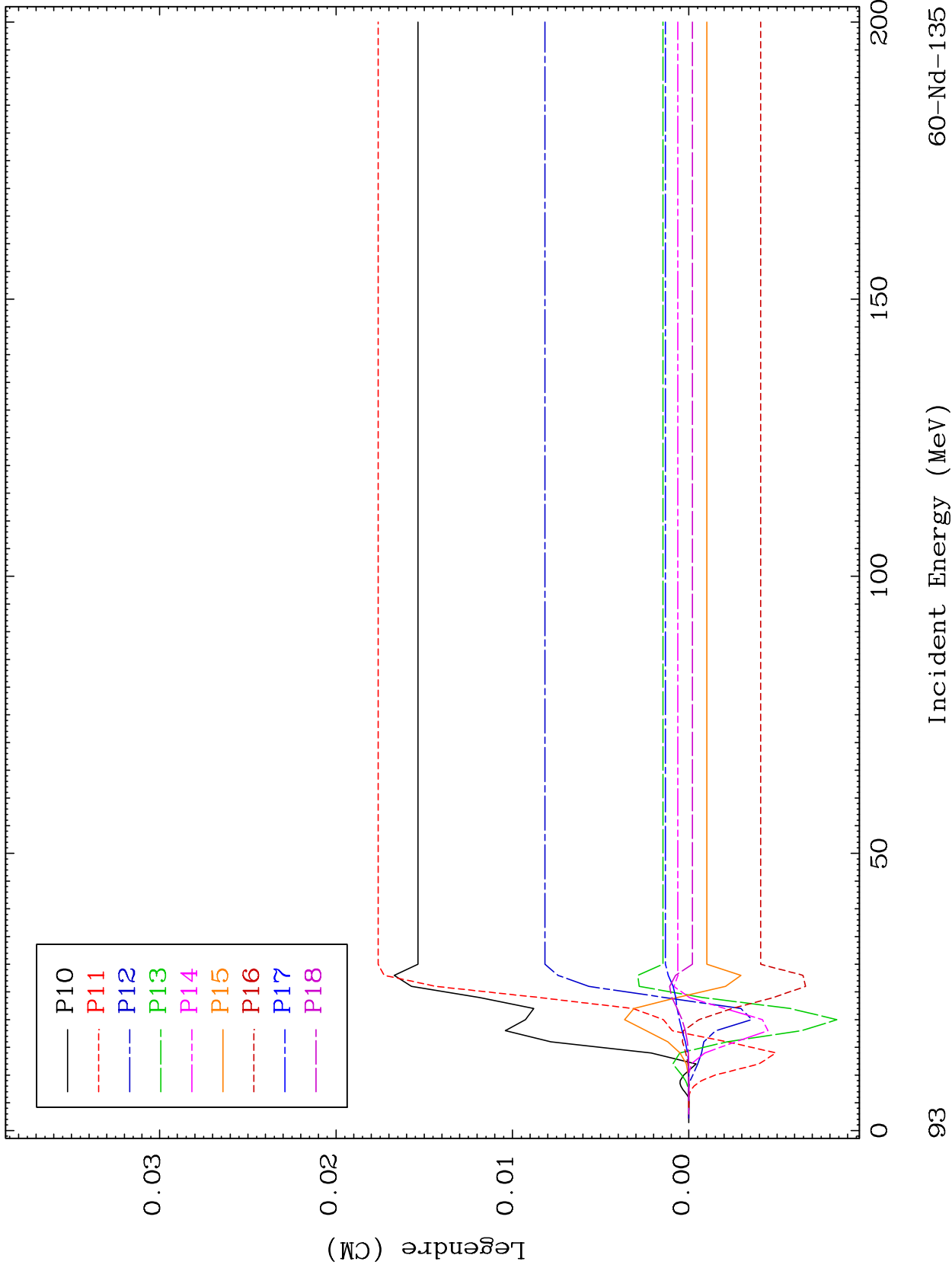




MAT 6004

793.1 keV (n,n') Level
Legendre Coefficients

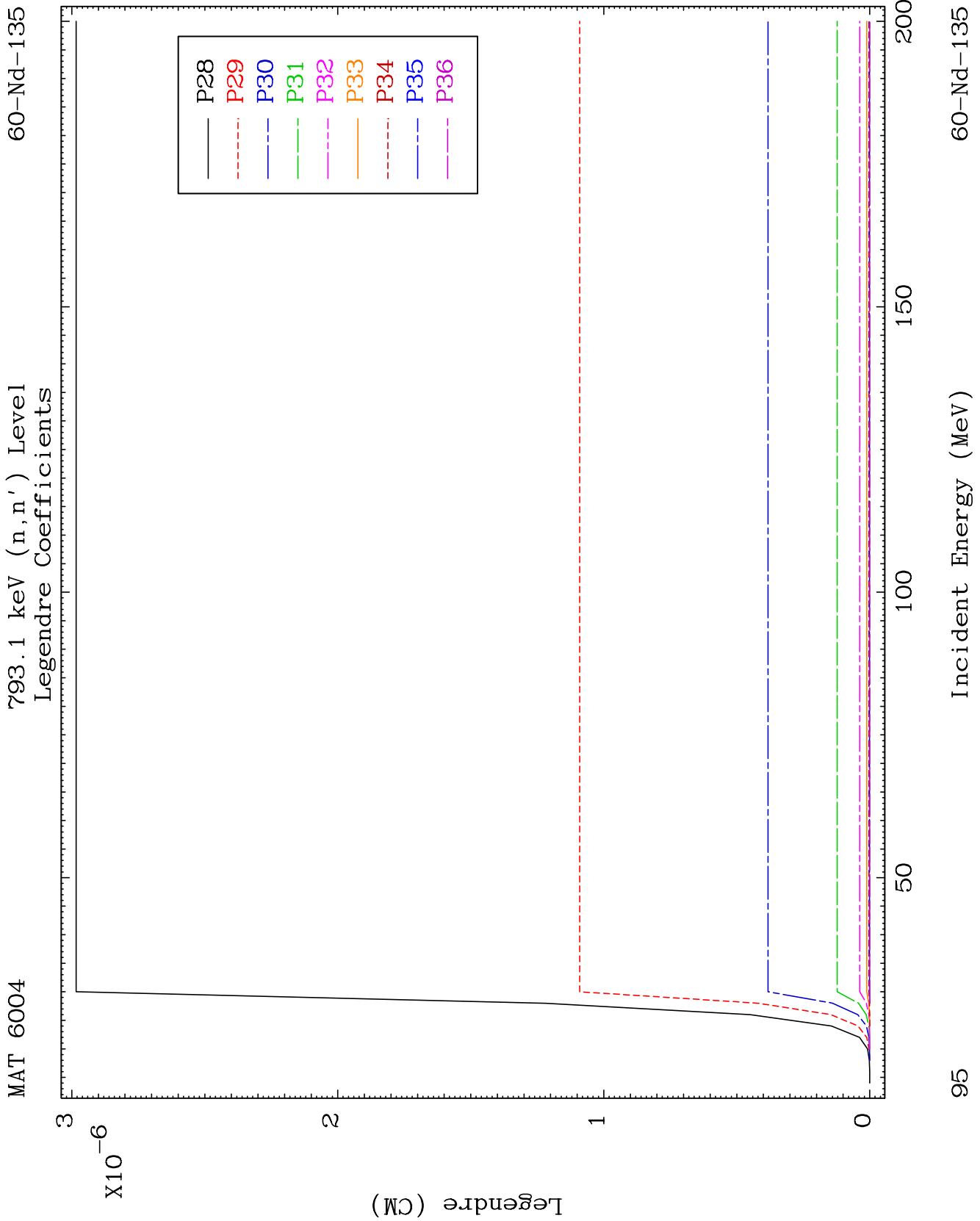
60-Nd-135

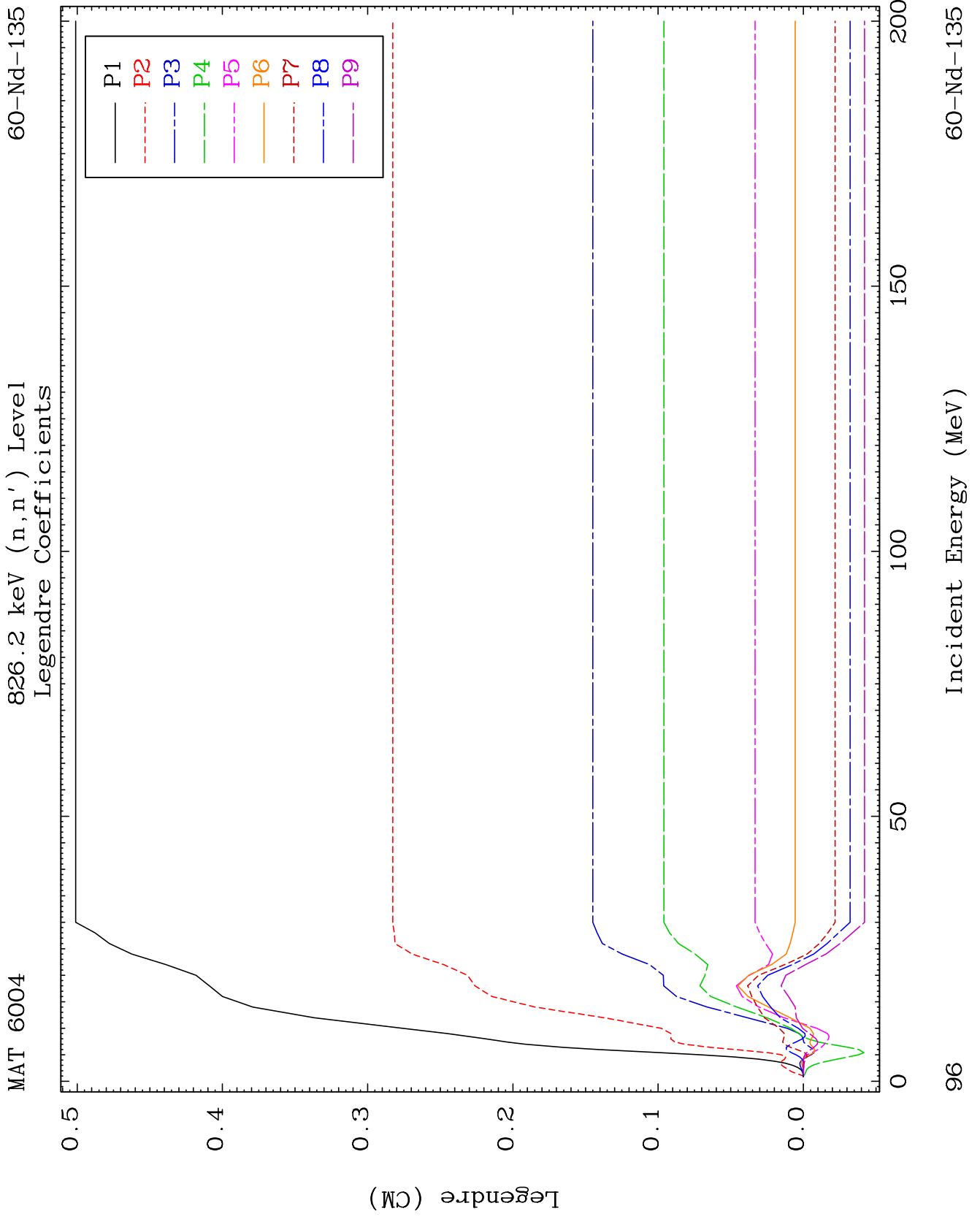


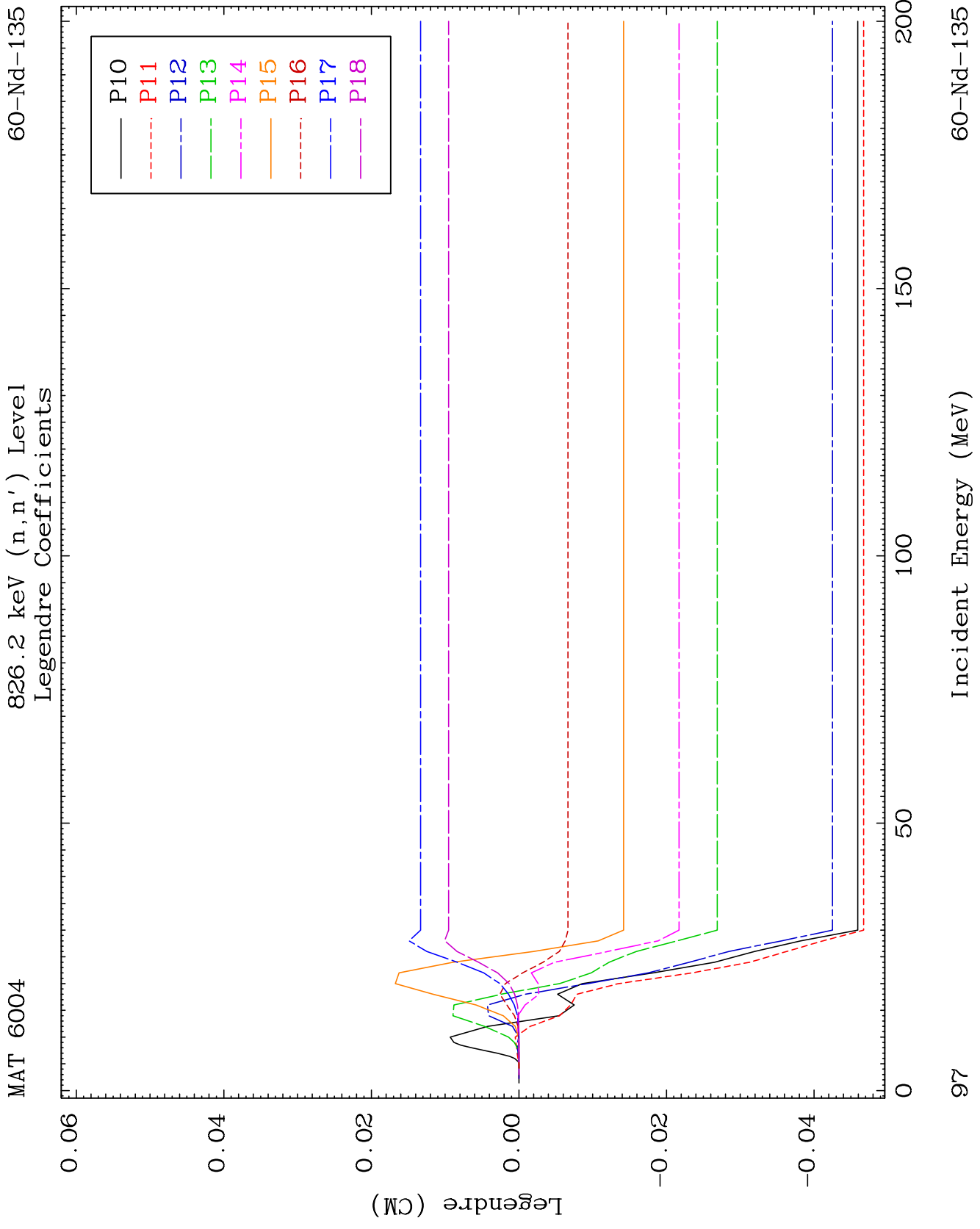
93

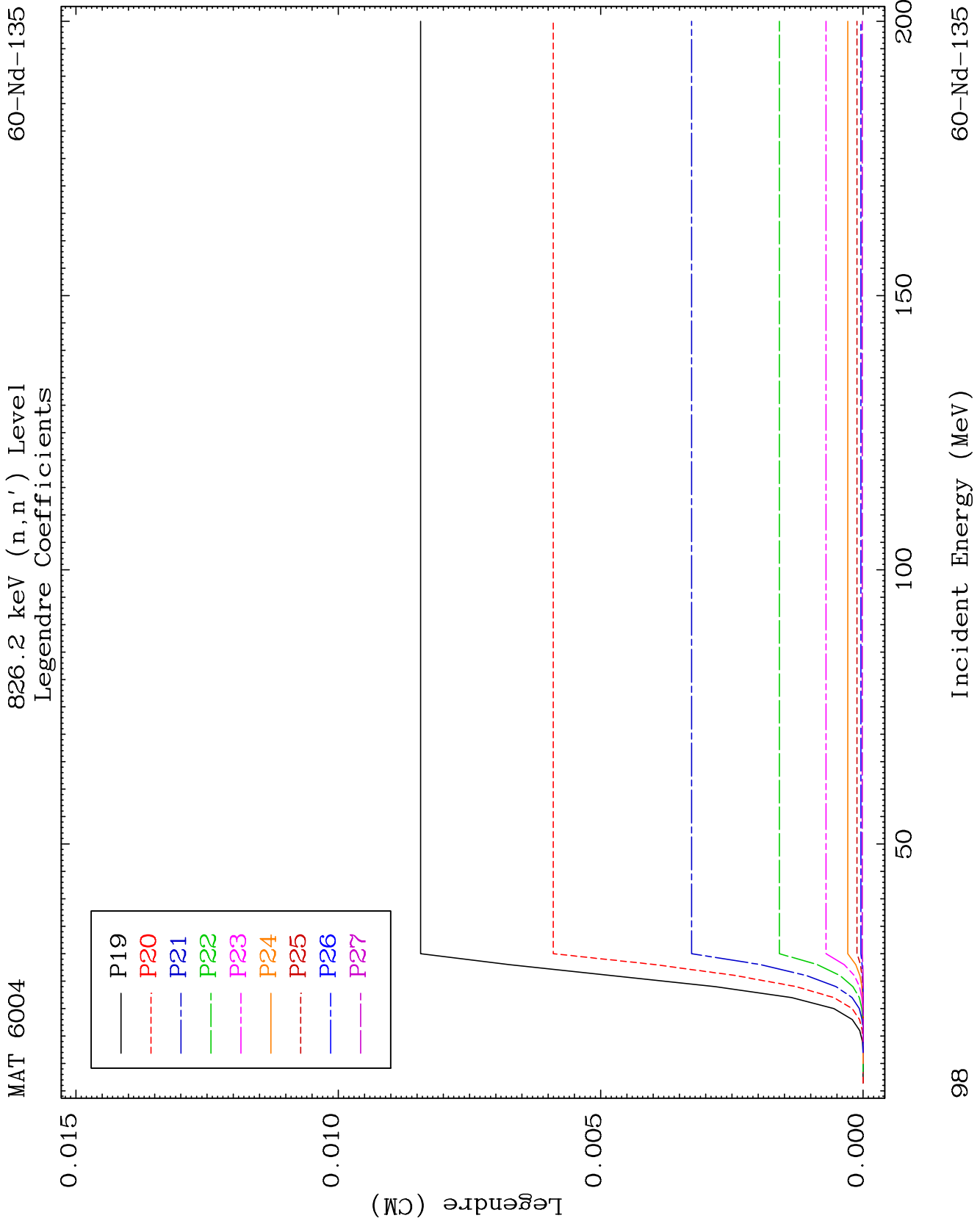
Incident Energy (MeV)

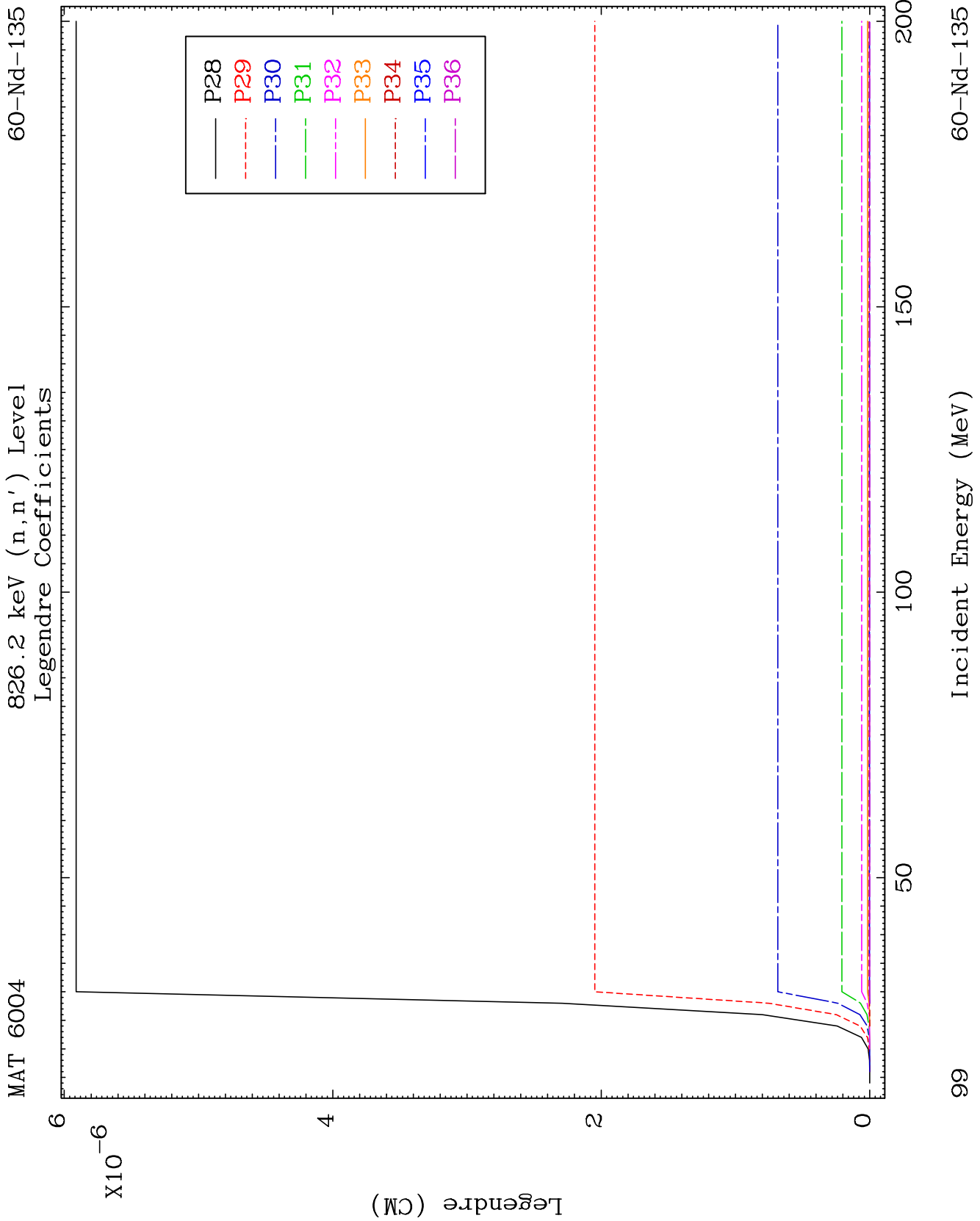
60-Nd-135

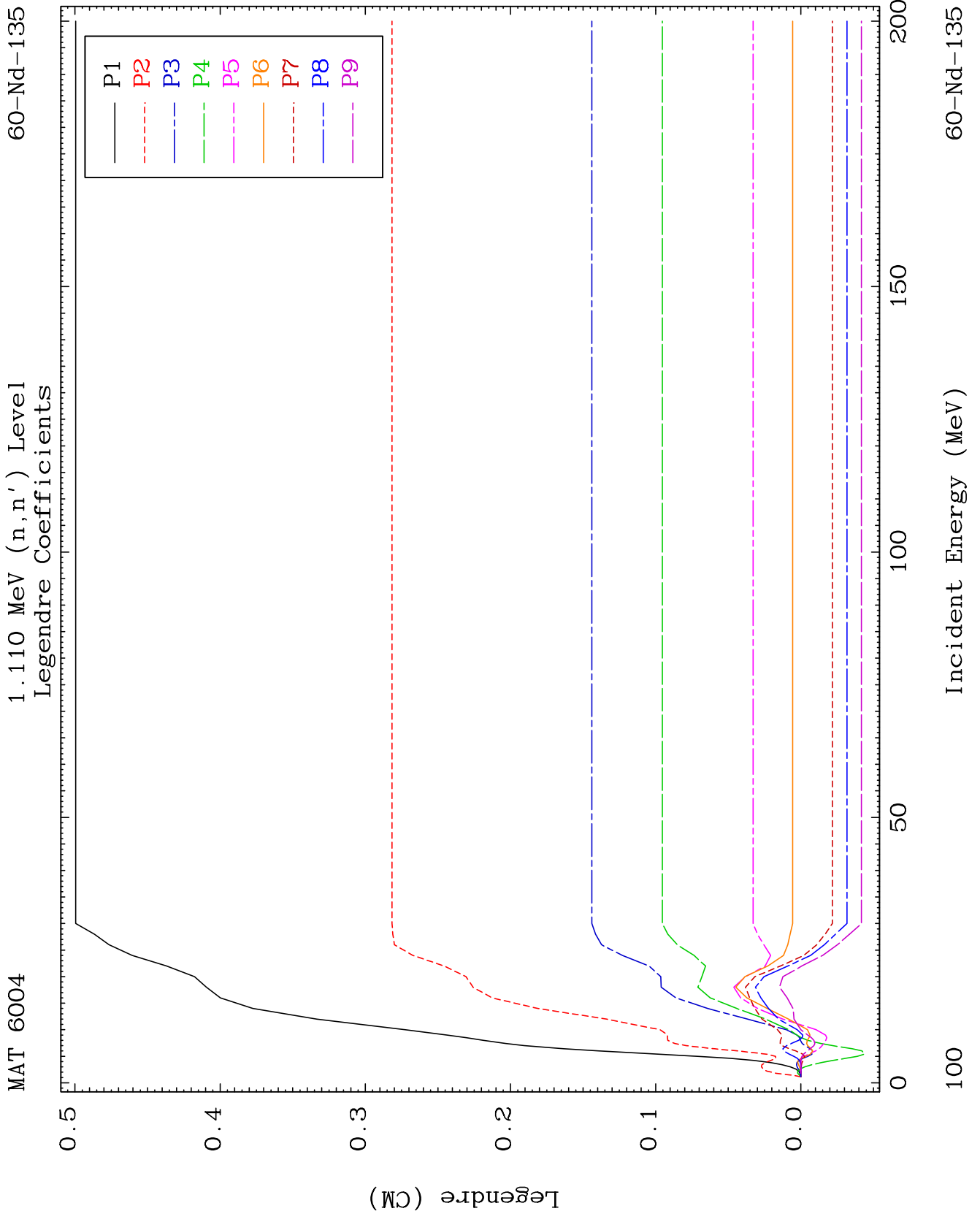


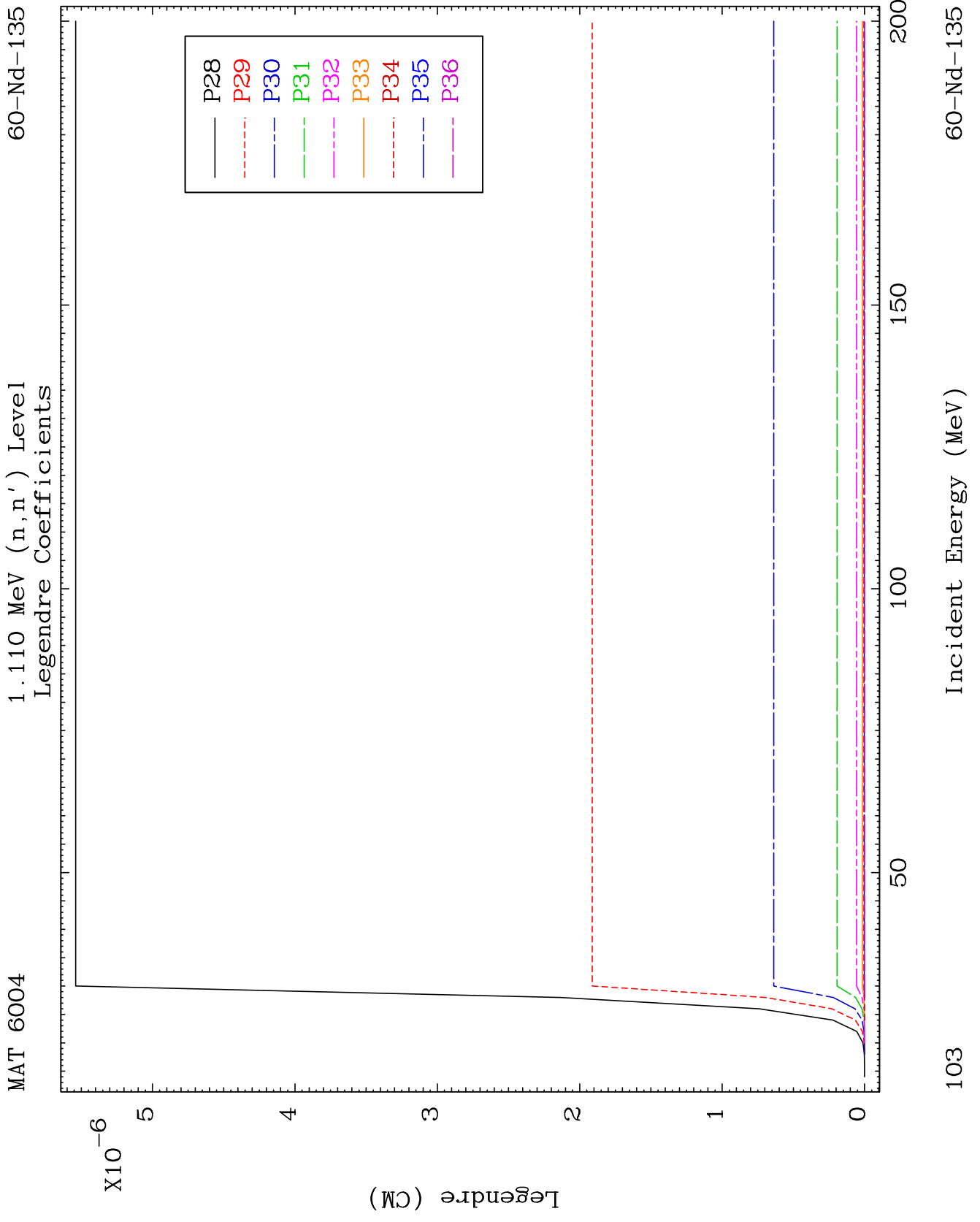


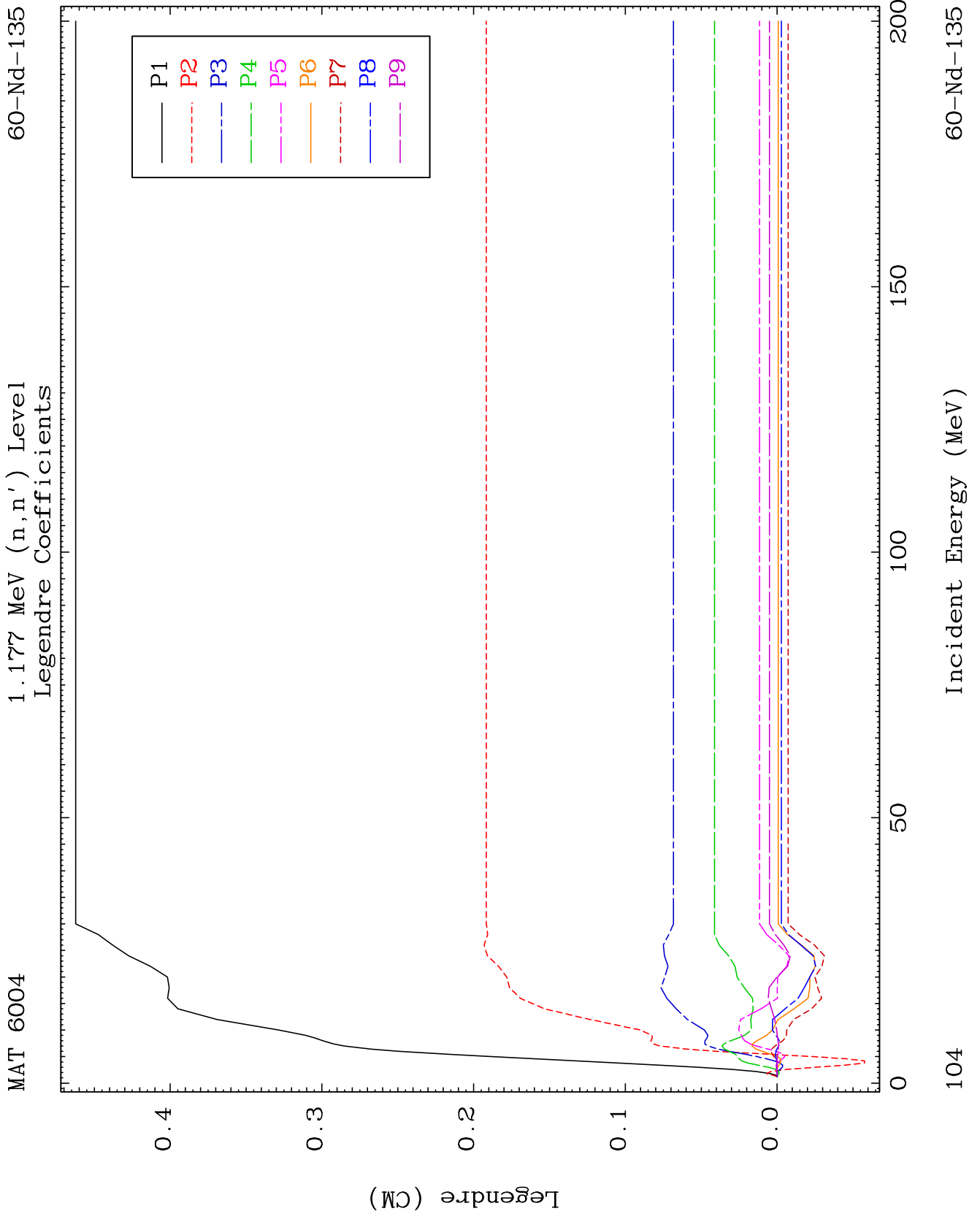








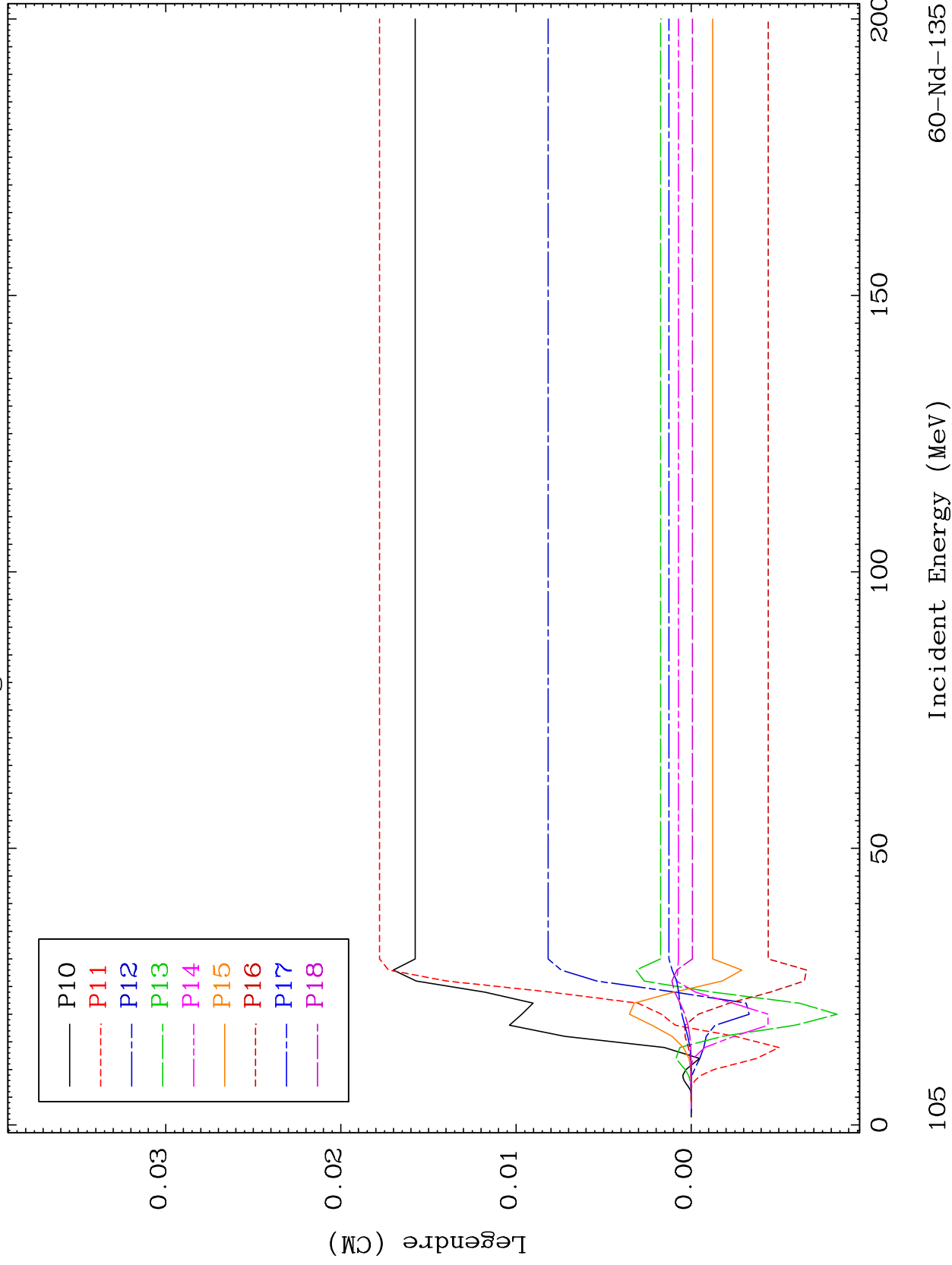




MAT 6004

1.177 MeV (n,n') Level
Legendre Coefficients

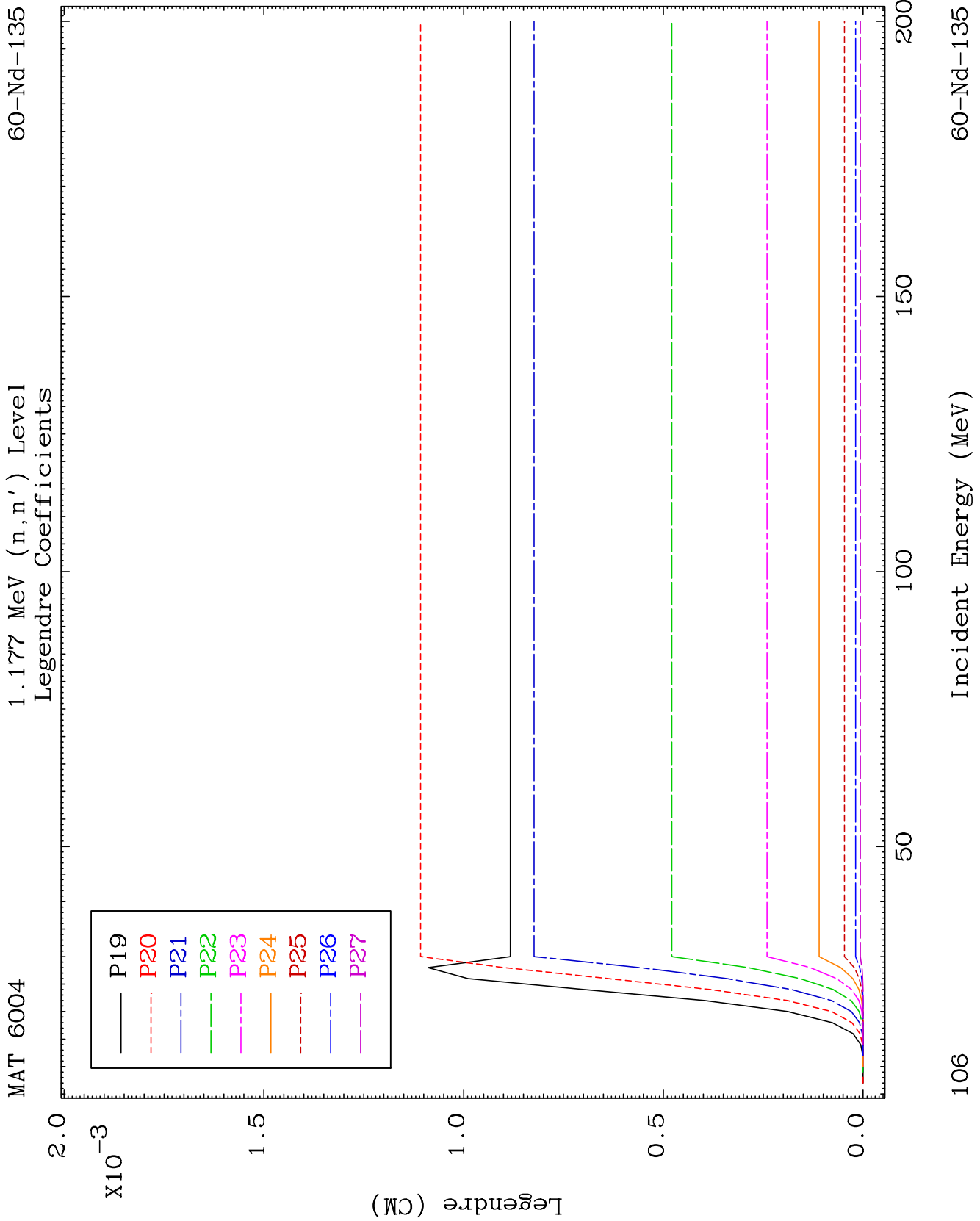
60-Nd-135

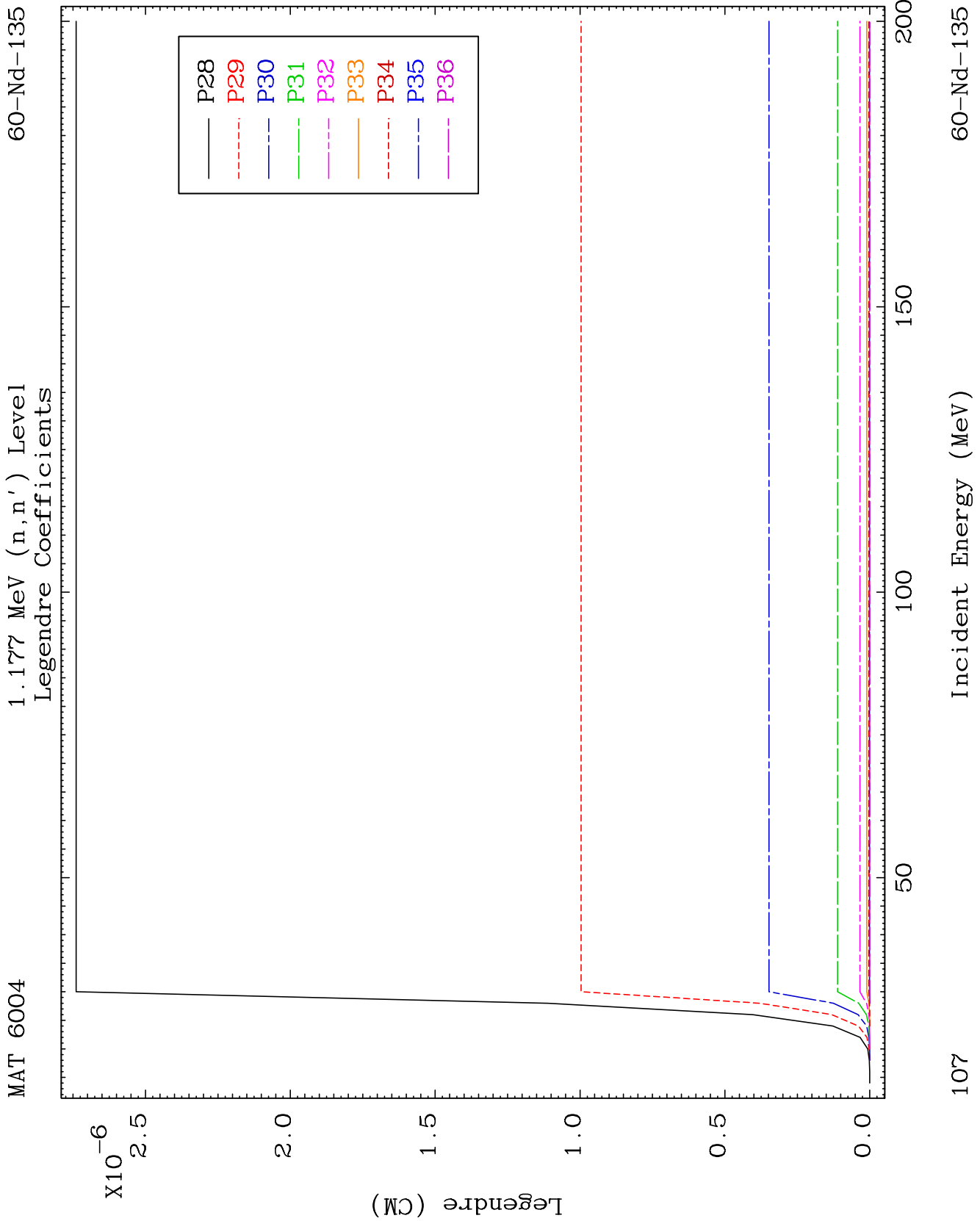


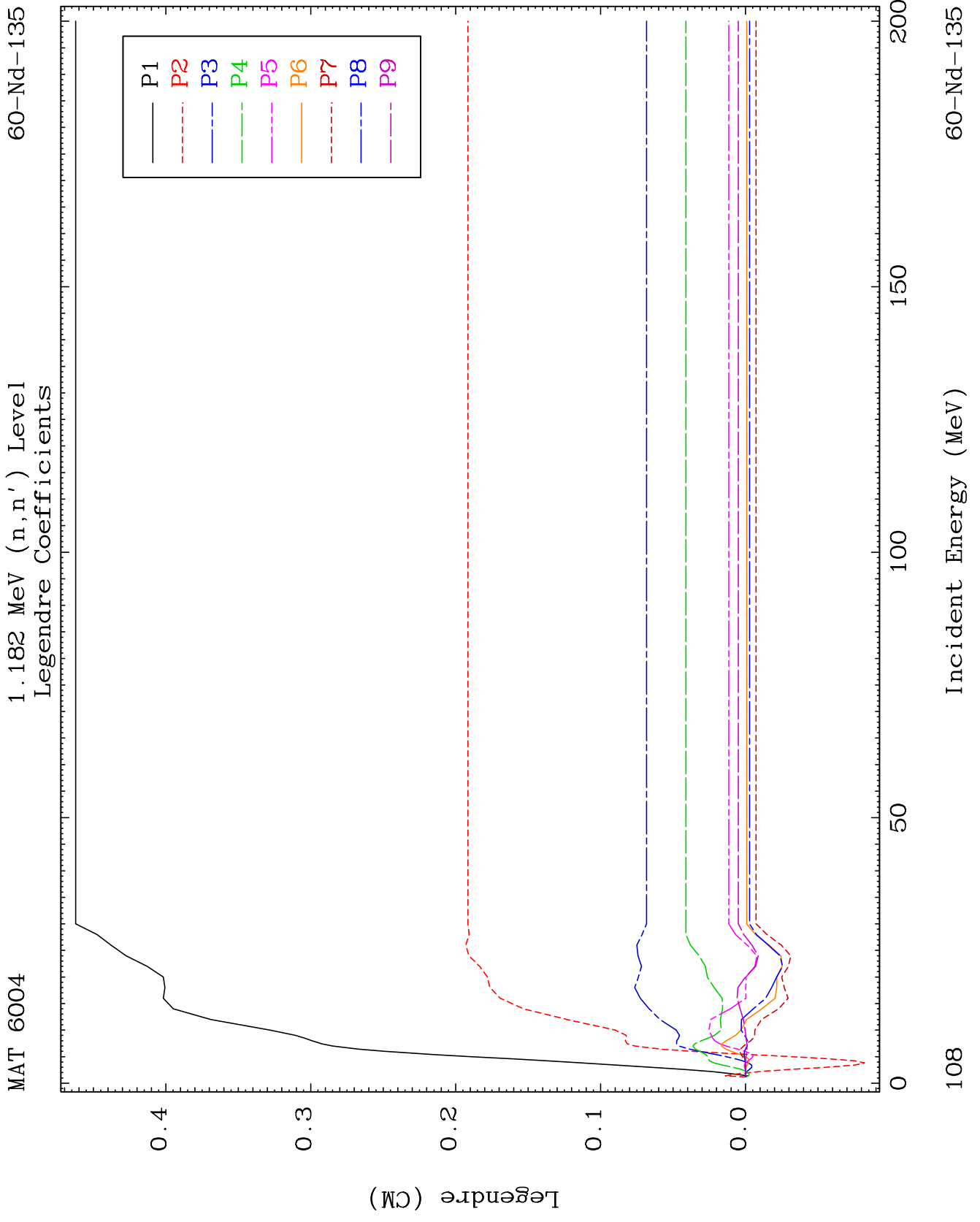
60-Nd-135

Incident Energy (MeV)

105



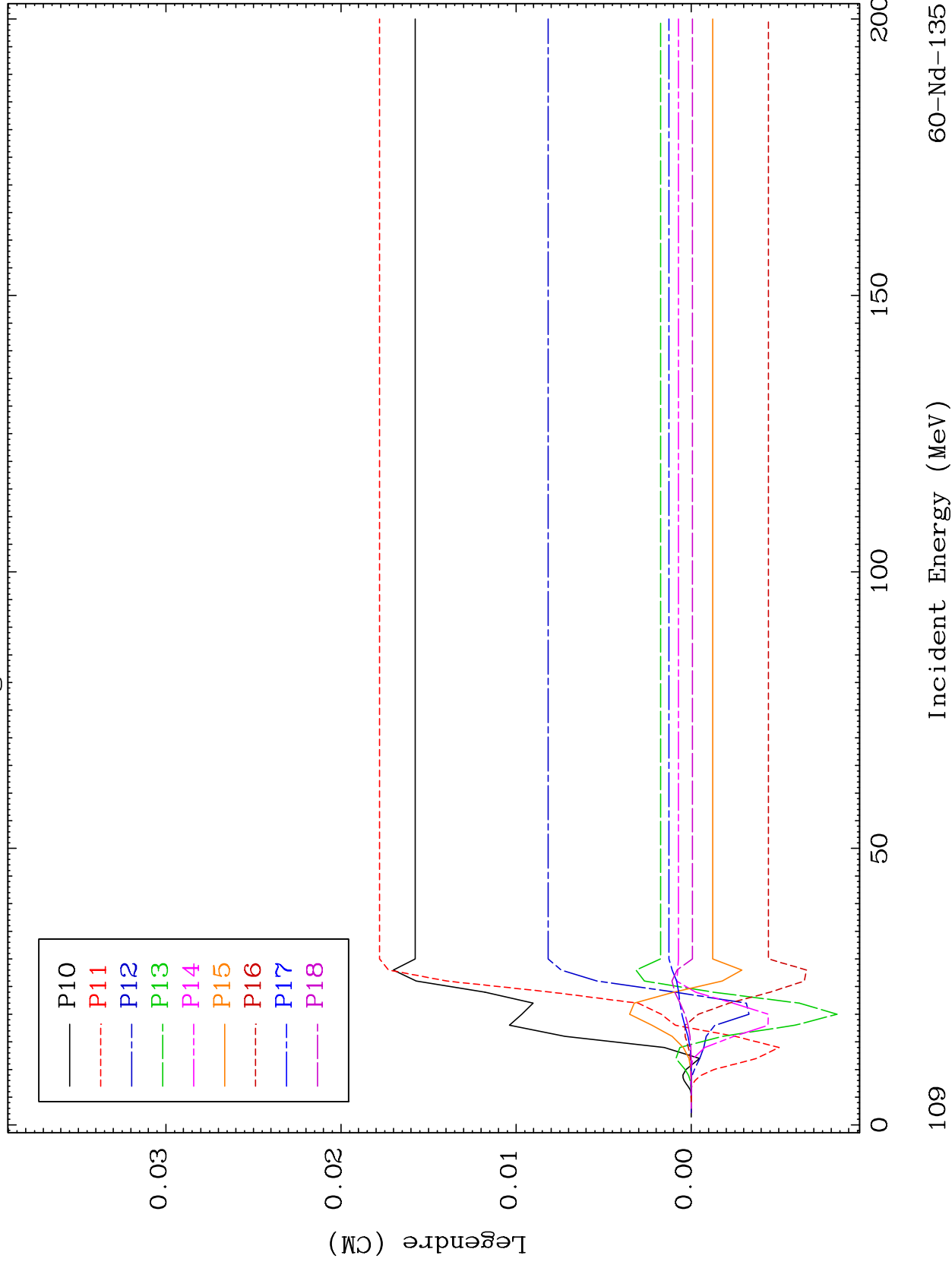




MAT 6004

1.182 MeV (n, n') Level
Legendre Coefficients

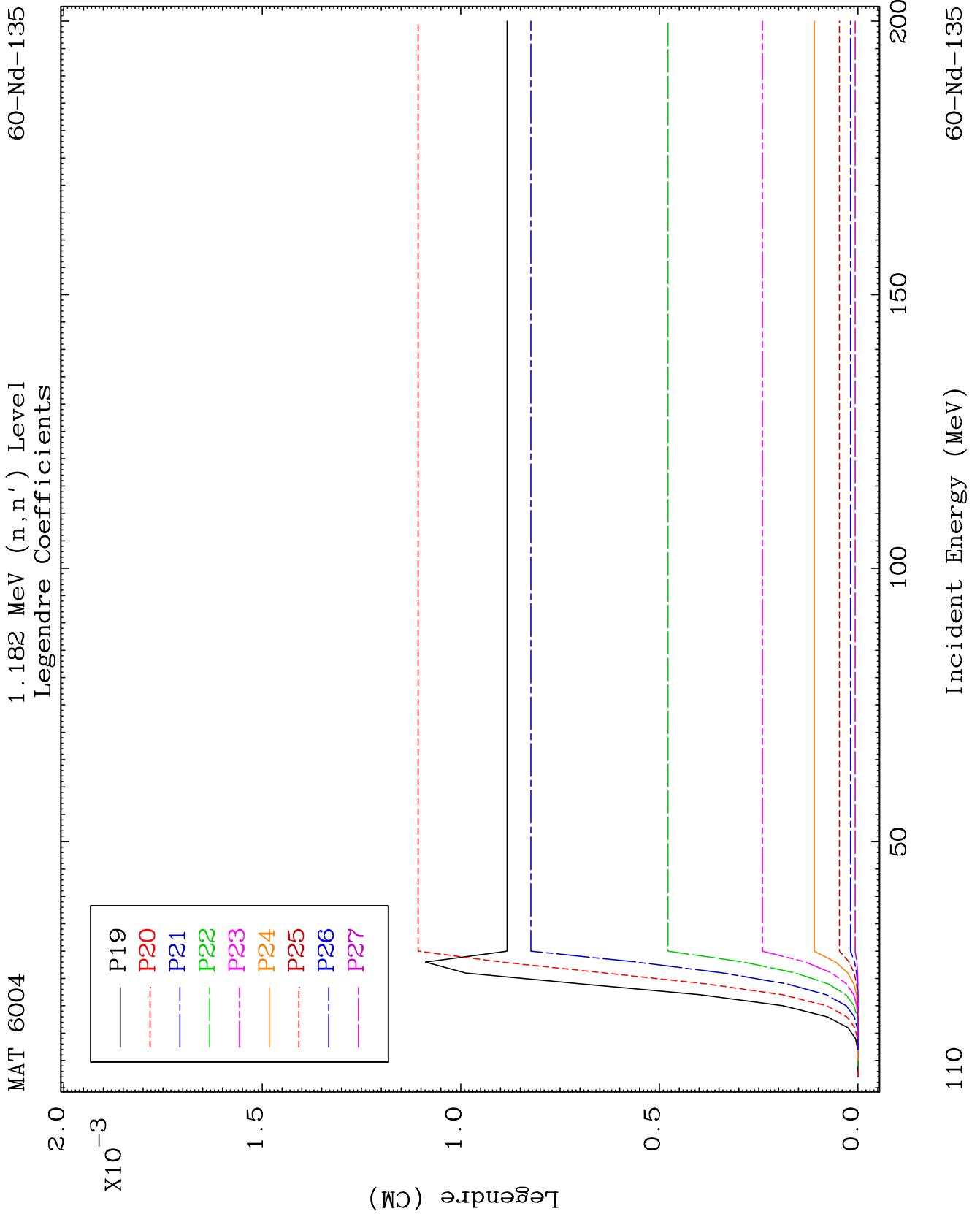
60-Nd-135

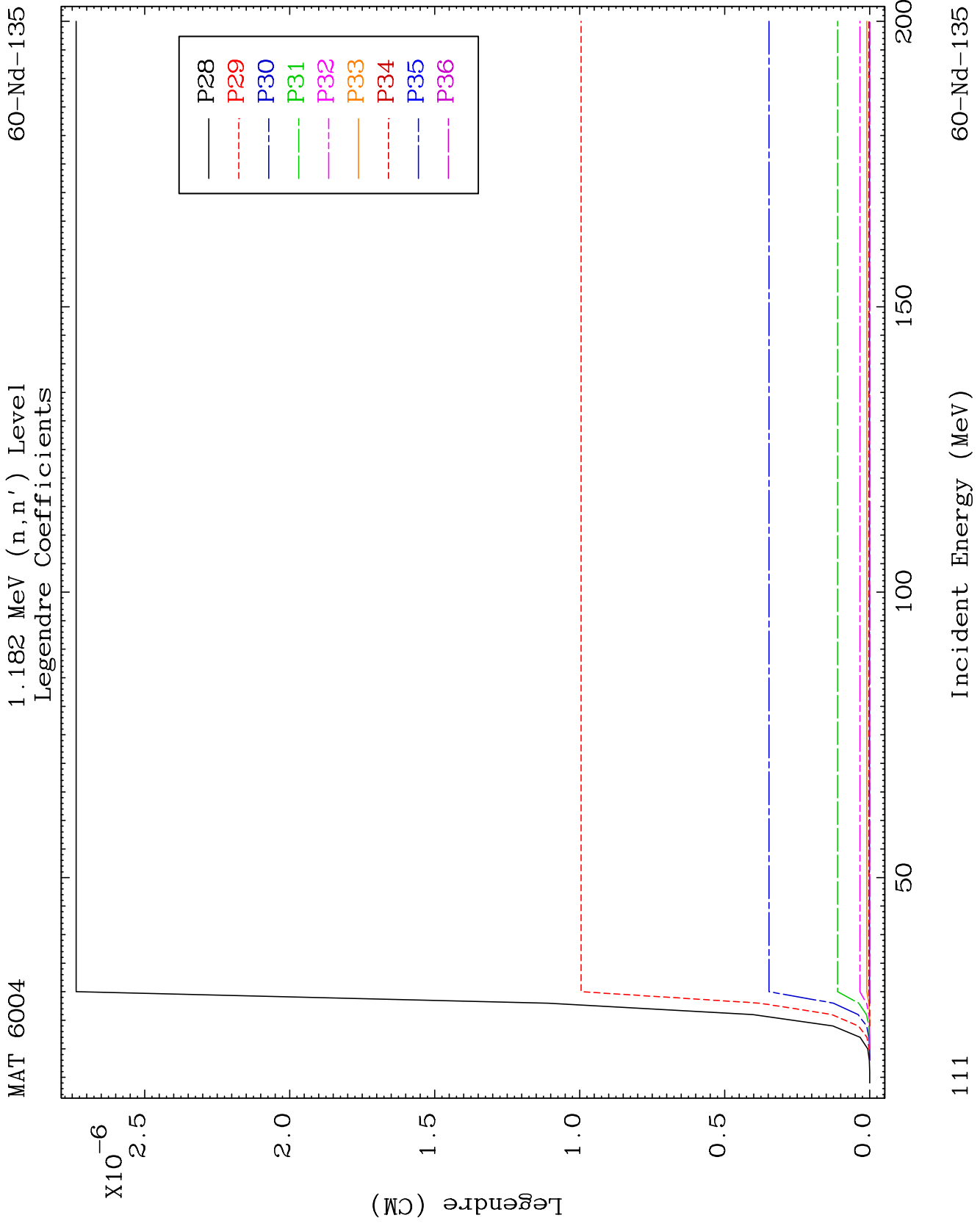


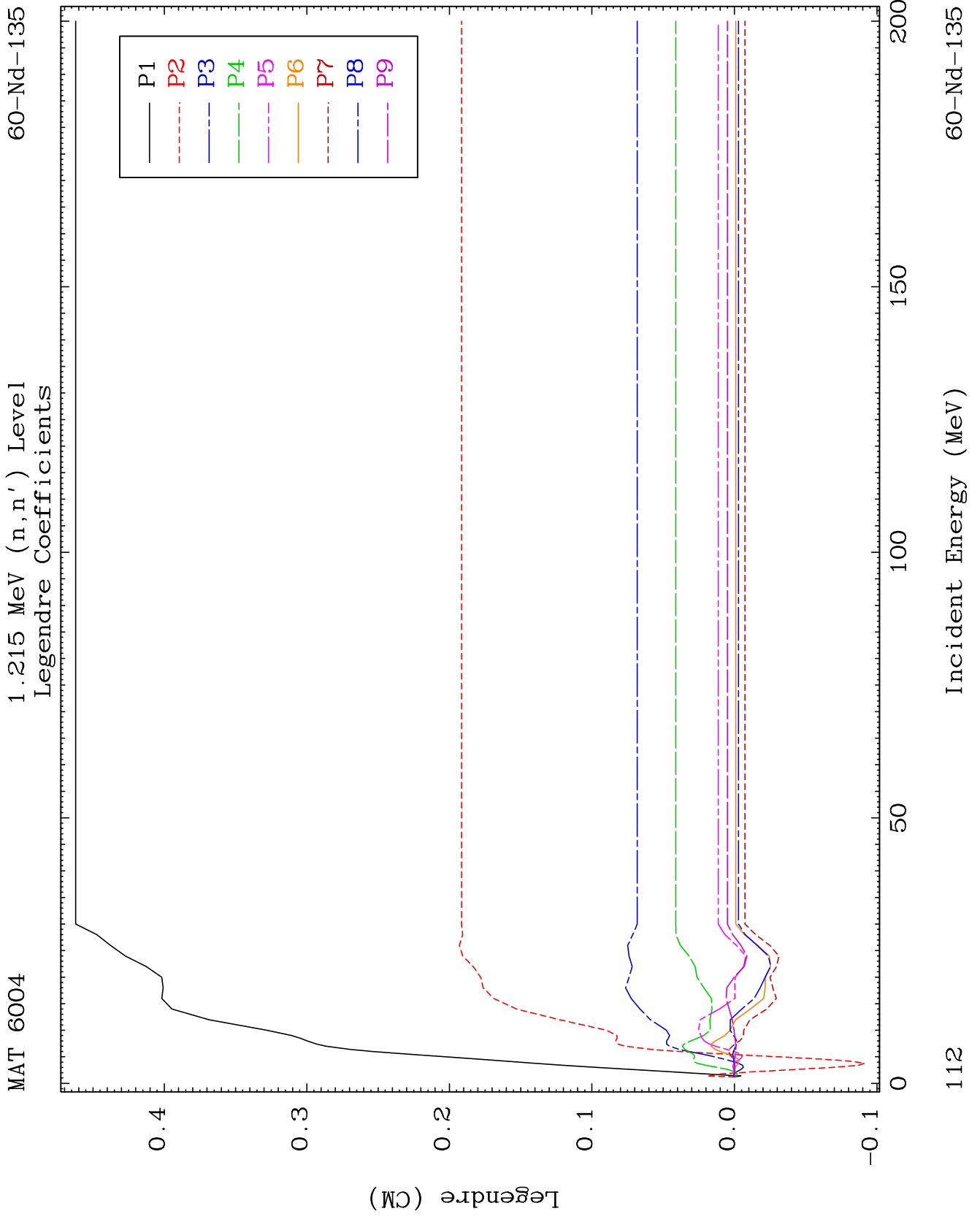
109

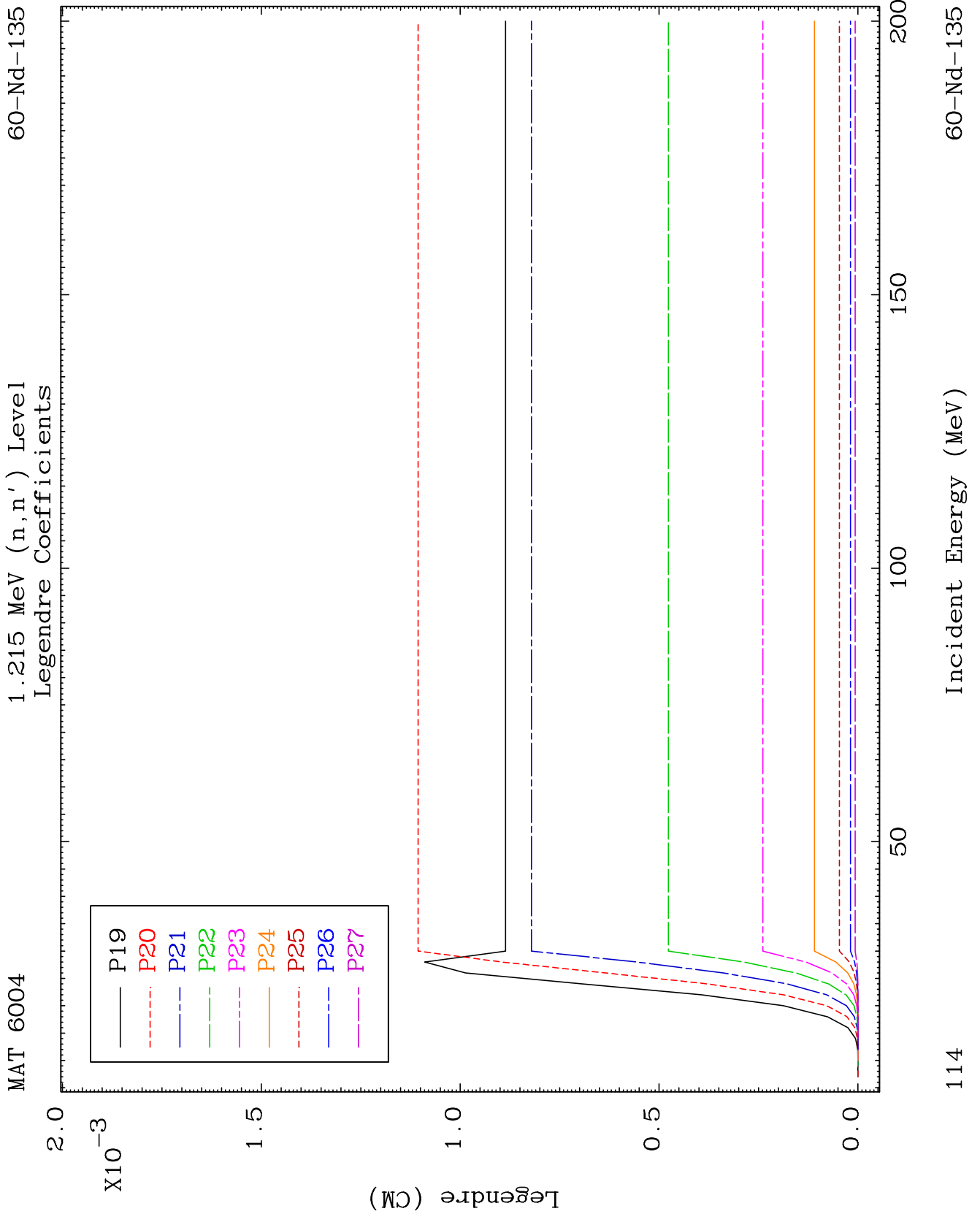
Incident Energy (MeV)

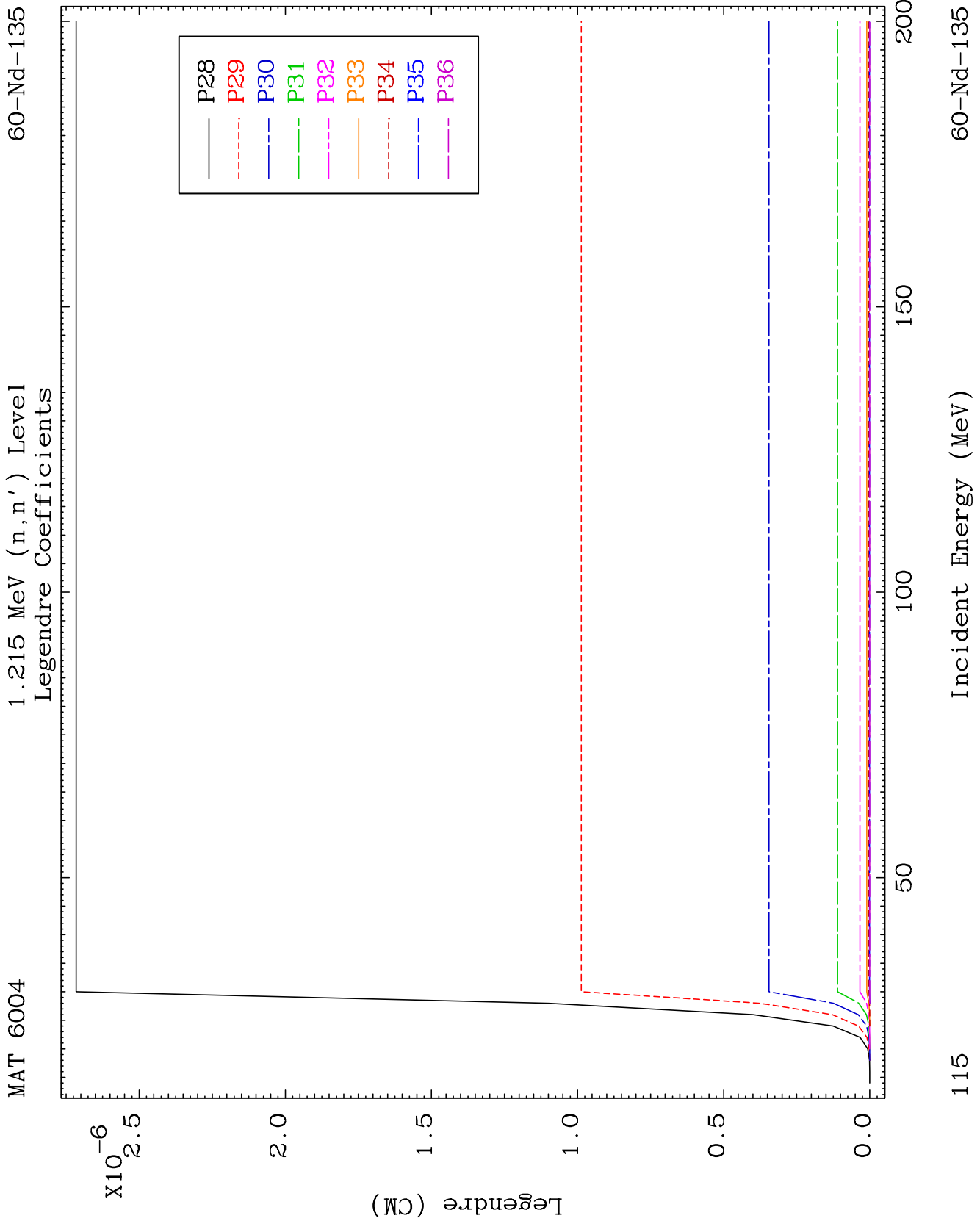
60-Nd-135

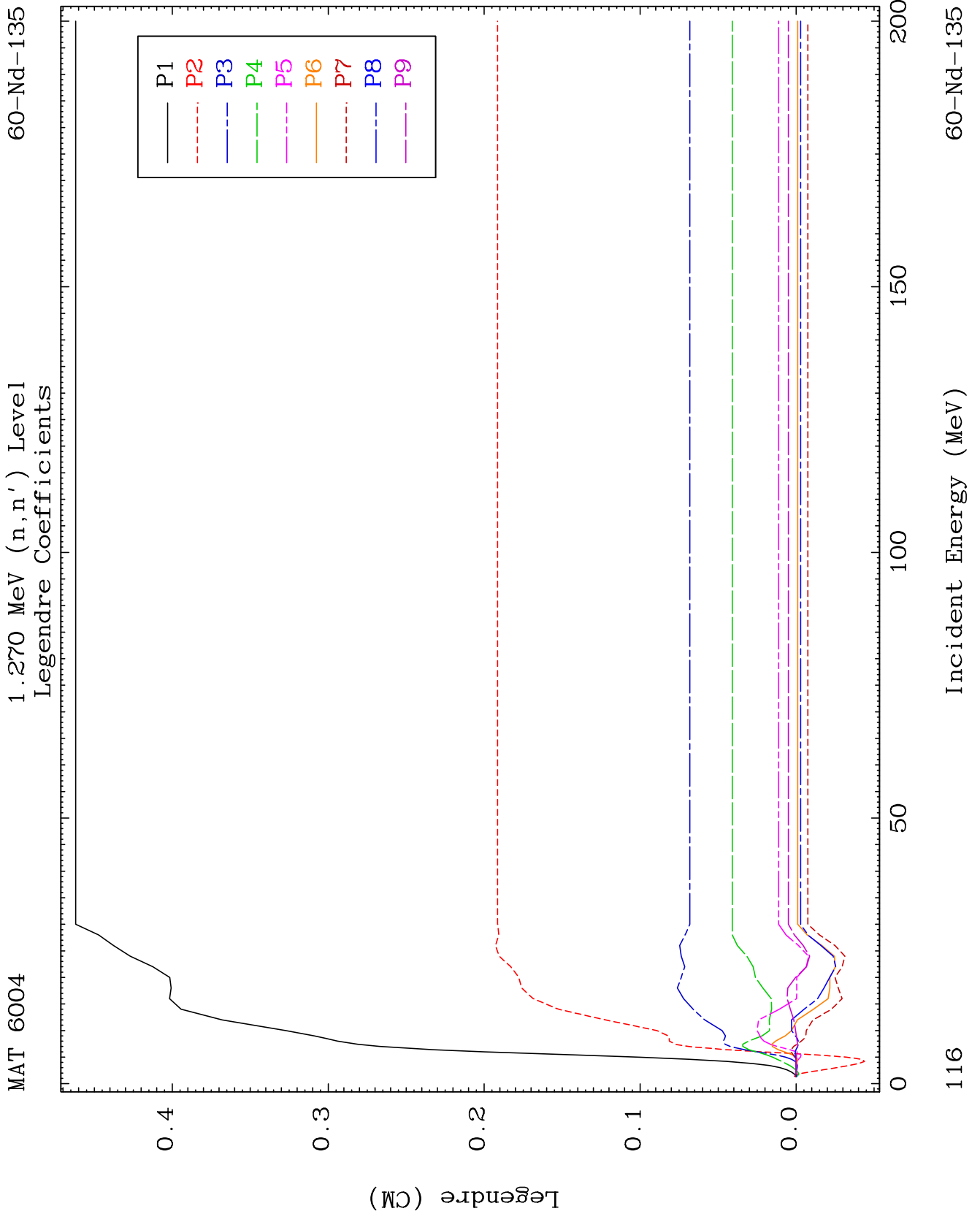








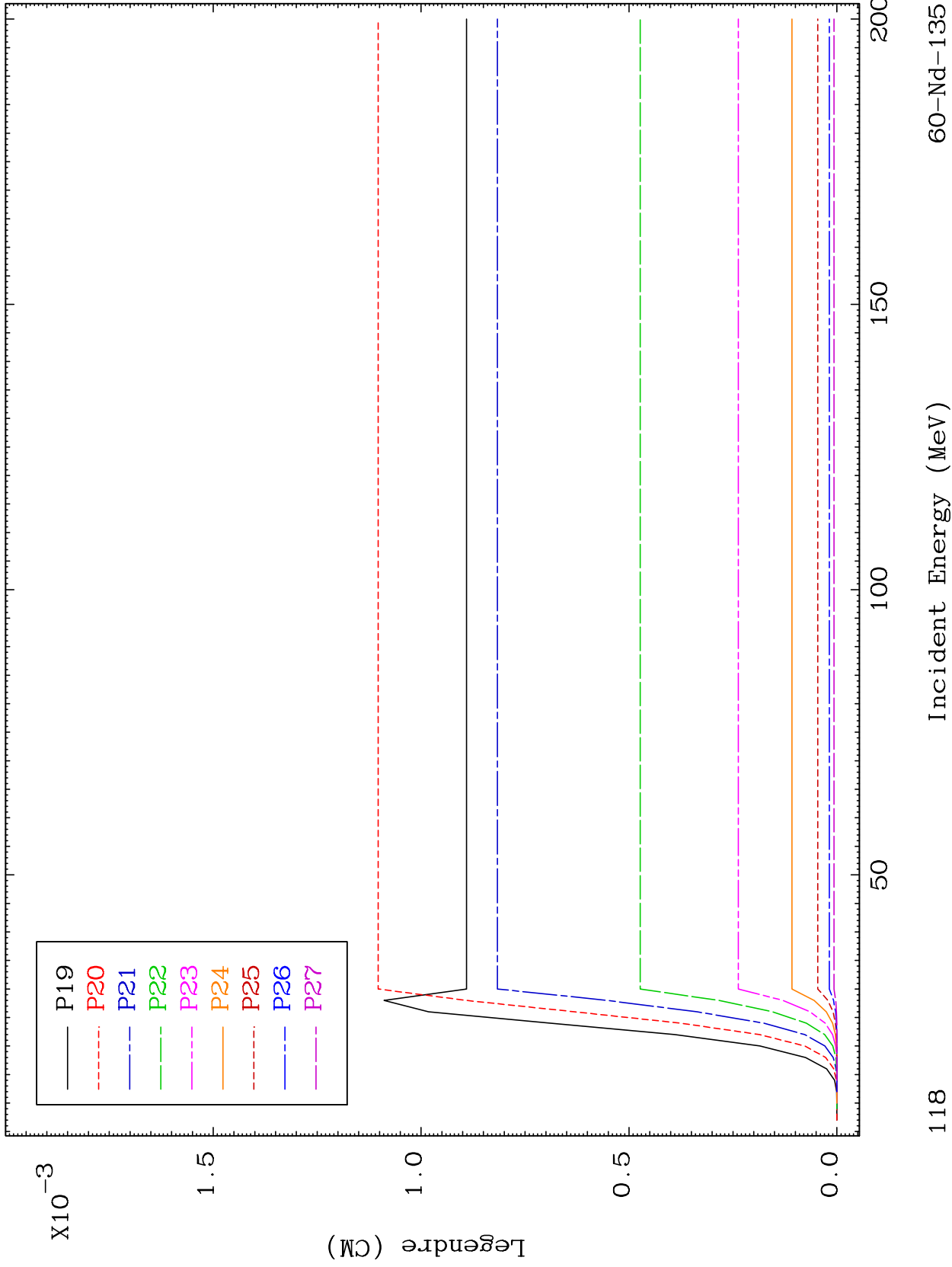


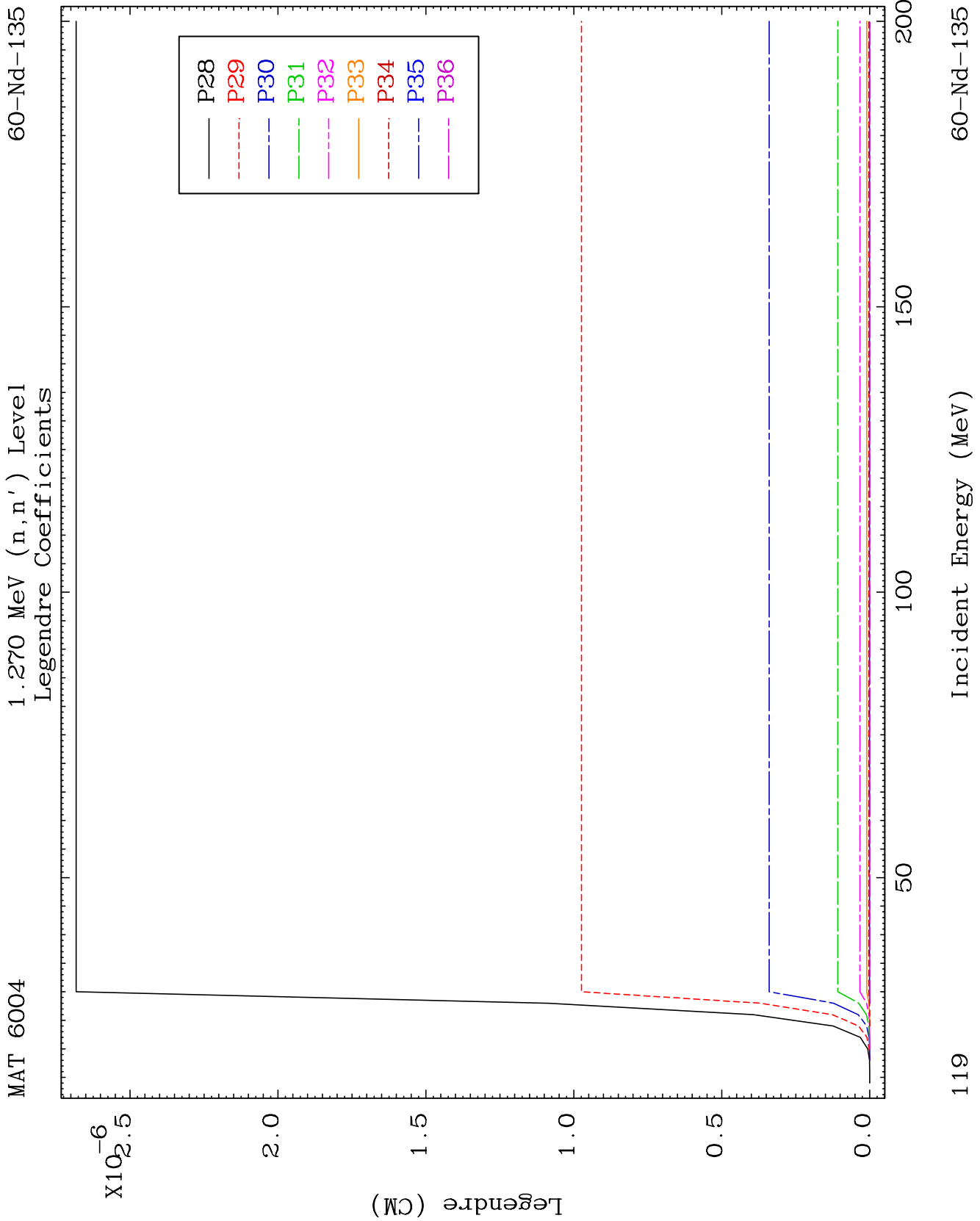


MAT 6004

1.270 MeV (n,n') Level
Legendre Coefficients

60-Nd-135

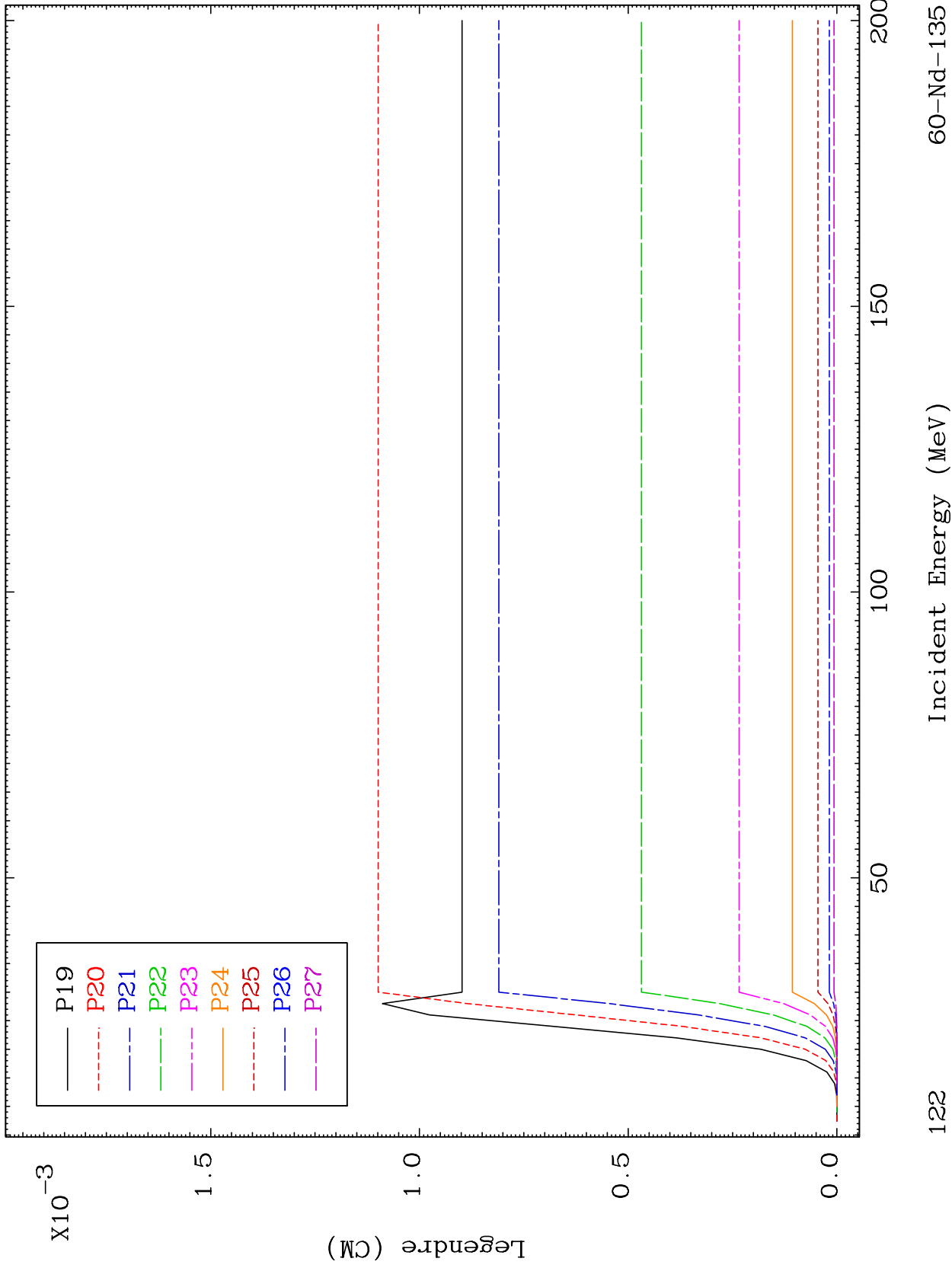




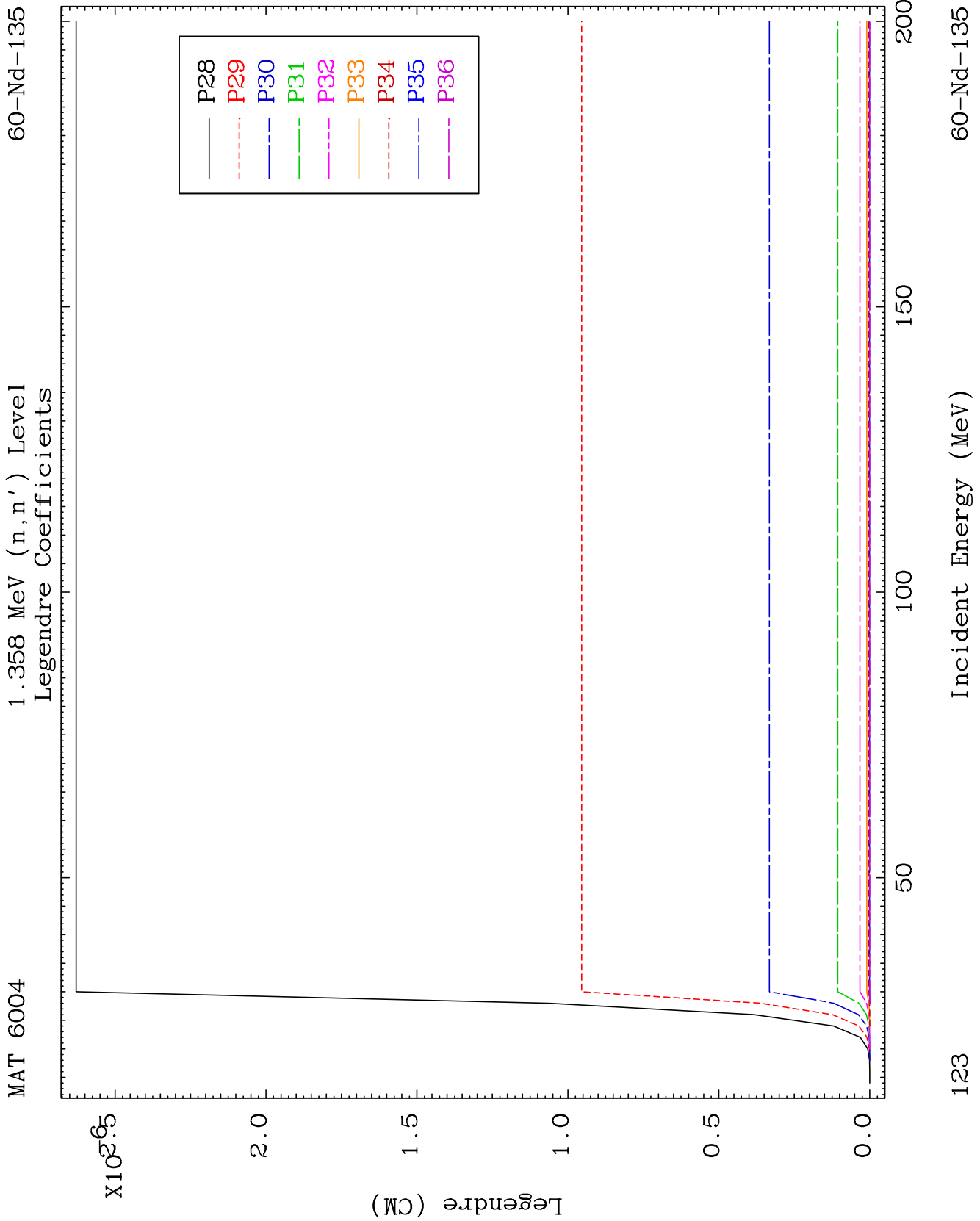
MAT 6004

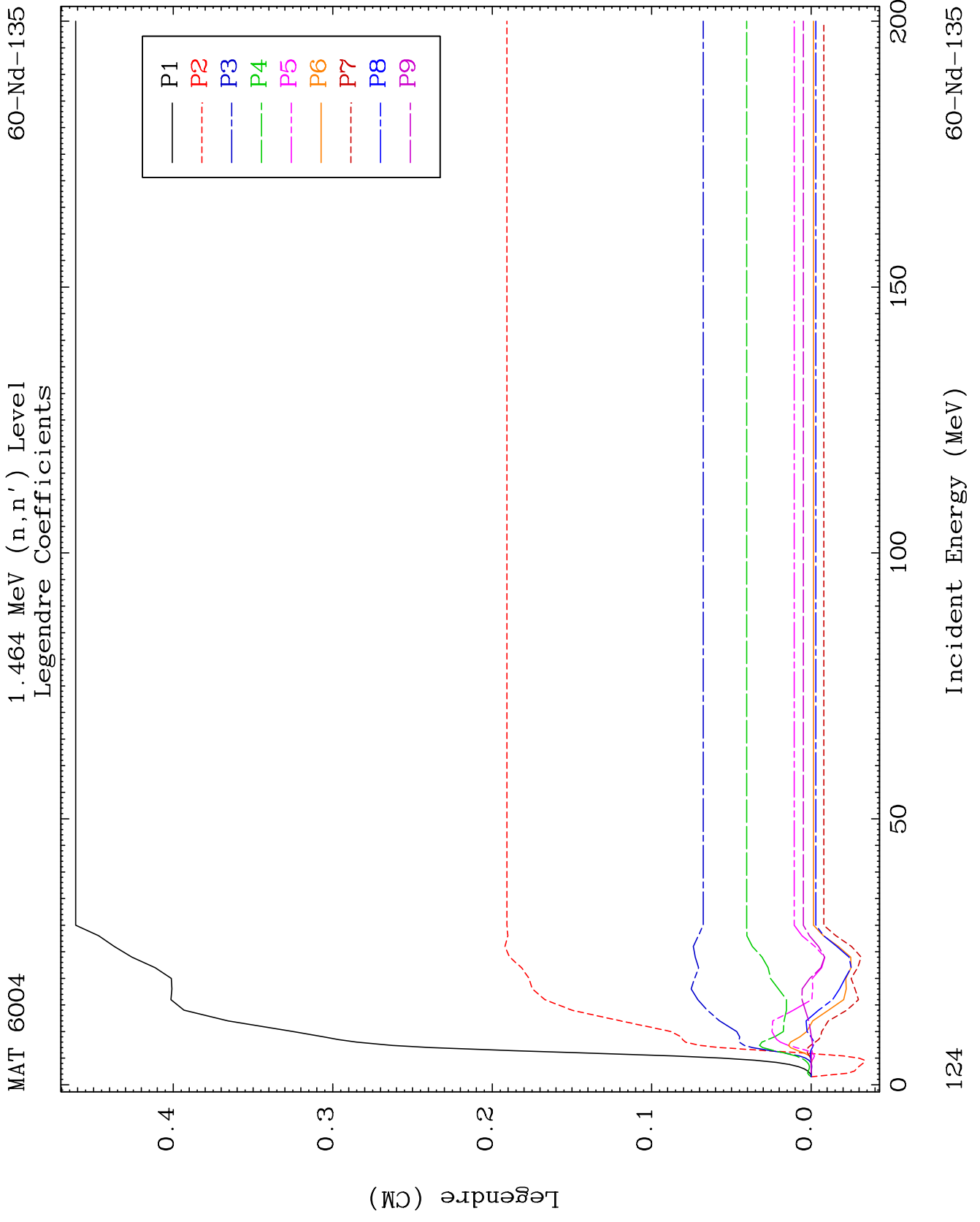
1.358 MeV (n,n') Level
Legendre Coefficients

60-Nd-135



122

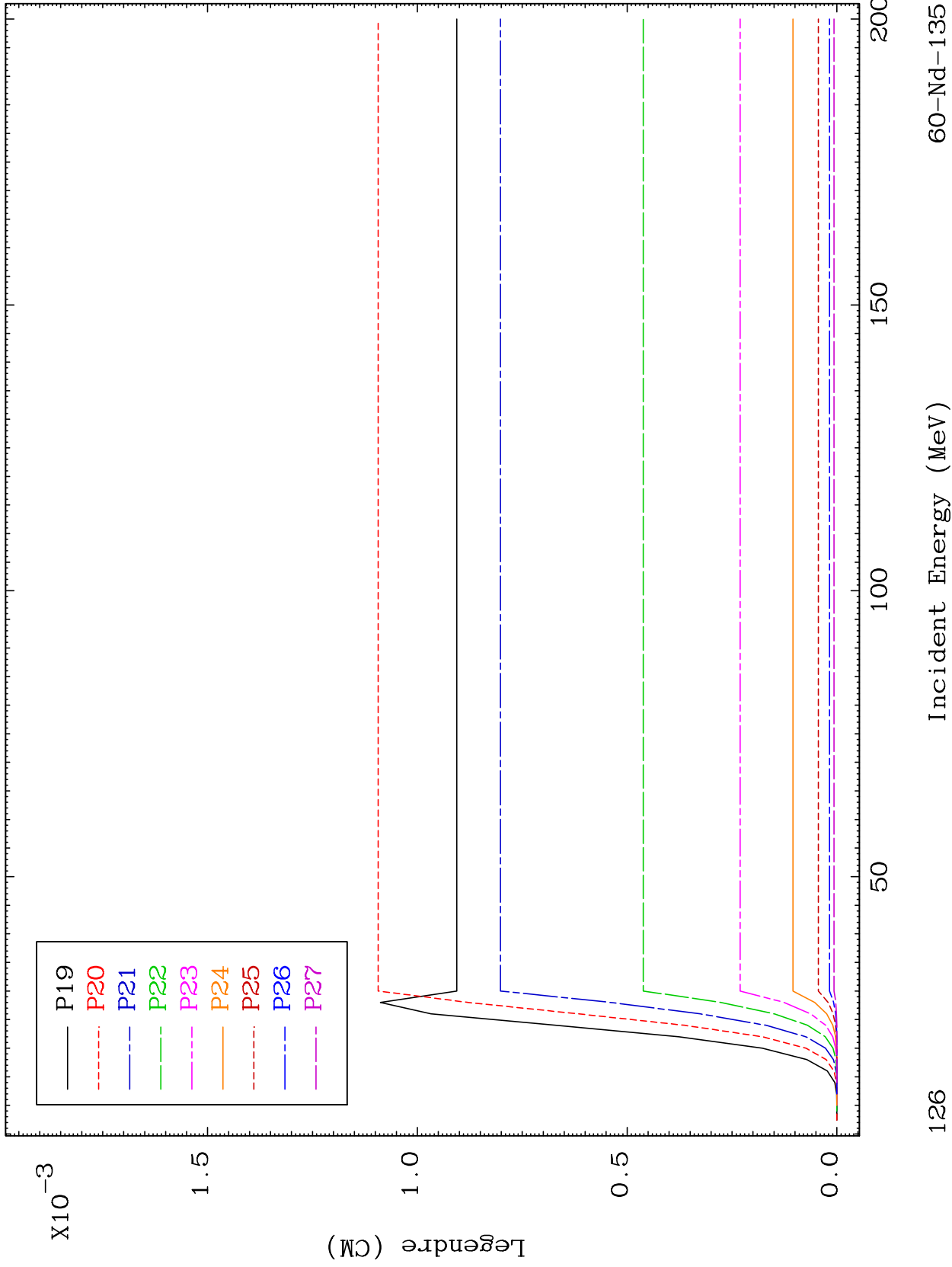


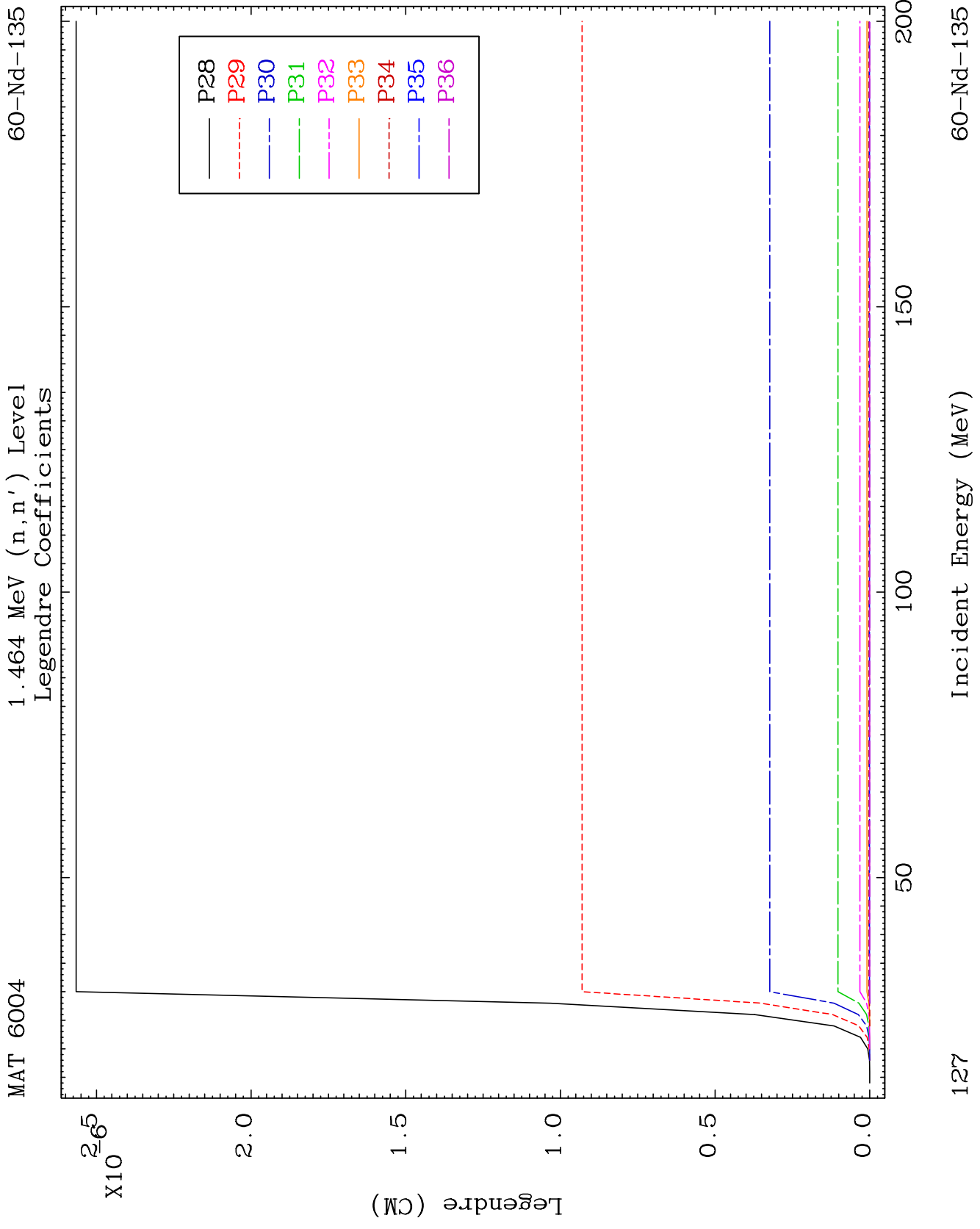


MAT 6004

1.464 MeV (n,n') Level
Legendre Coefficients

60-Nd-135

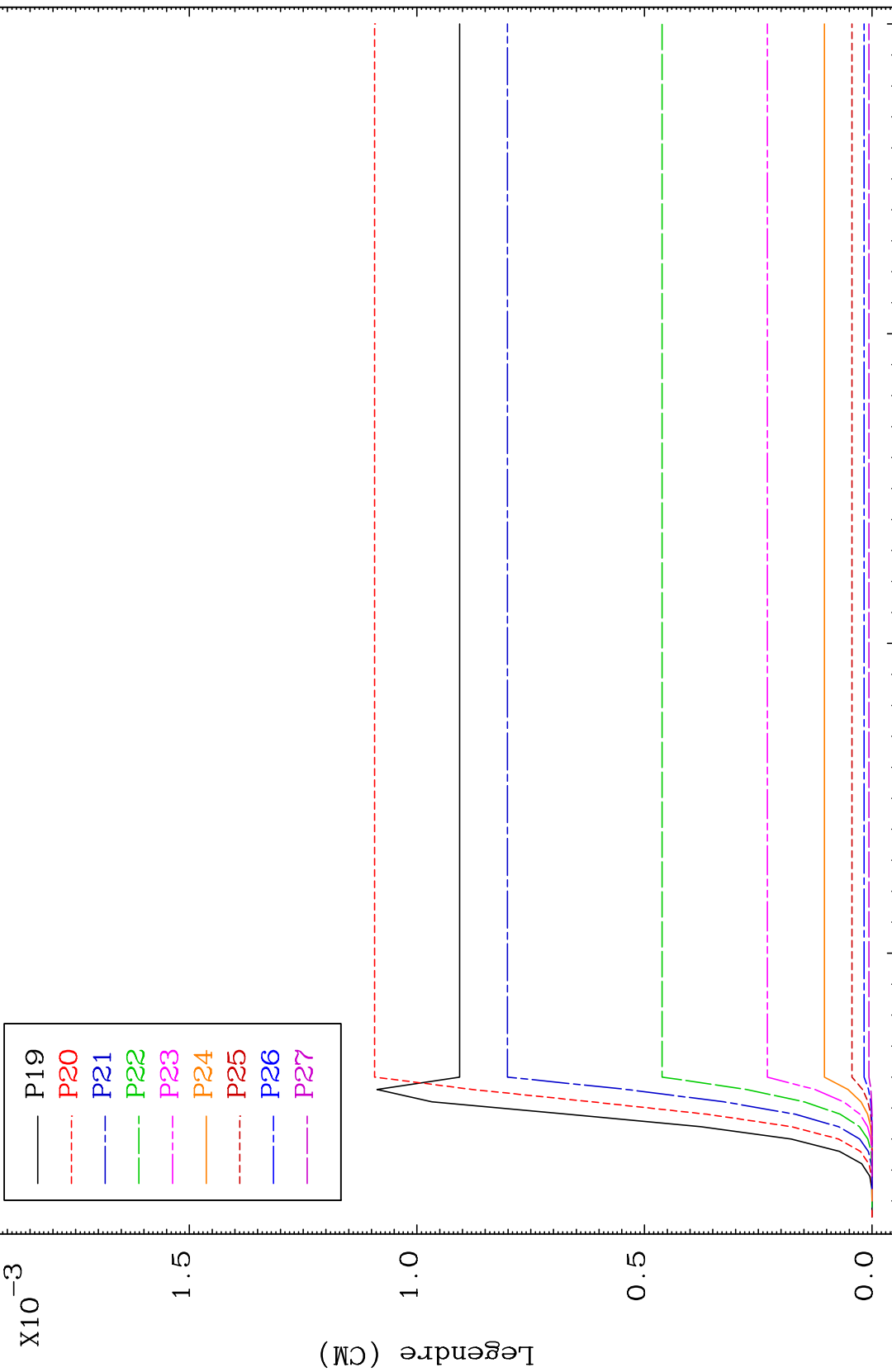
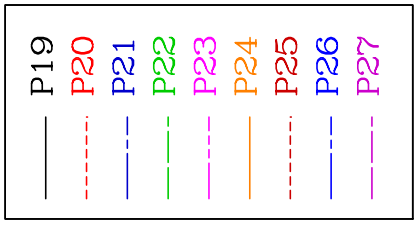




MAT 6004

1.469 MeV (n,n') Level
Legendre Coefficients

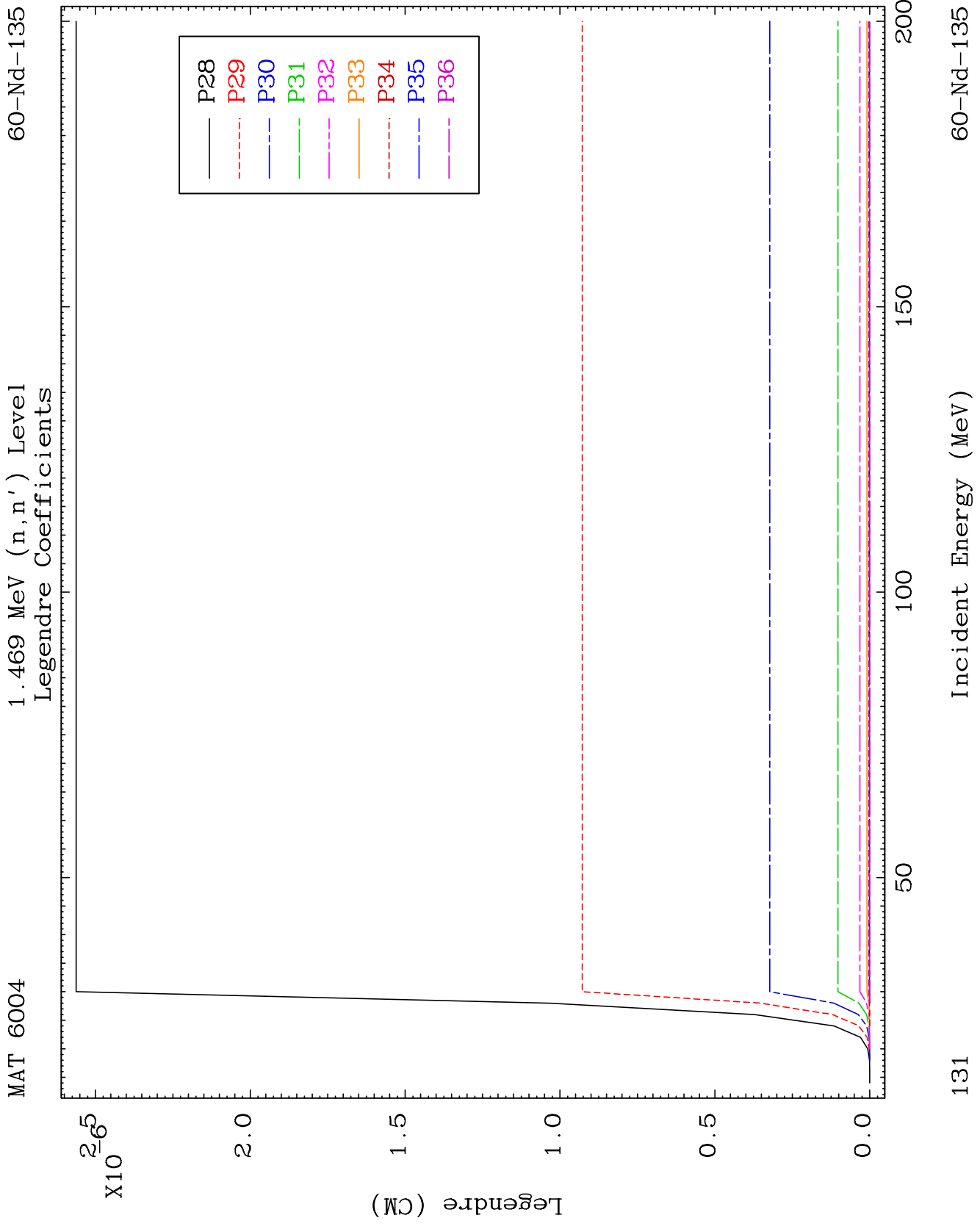
60-Nd-135



130

Incident Energy (MeV)

60-Nd-135

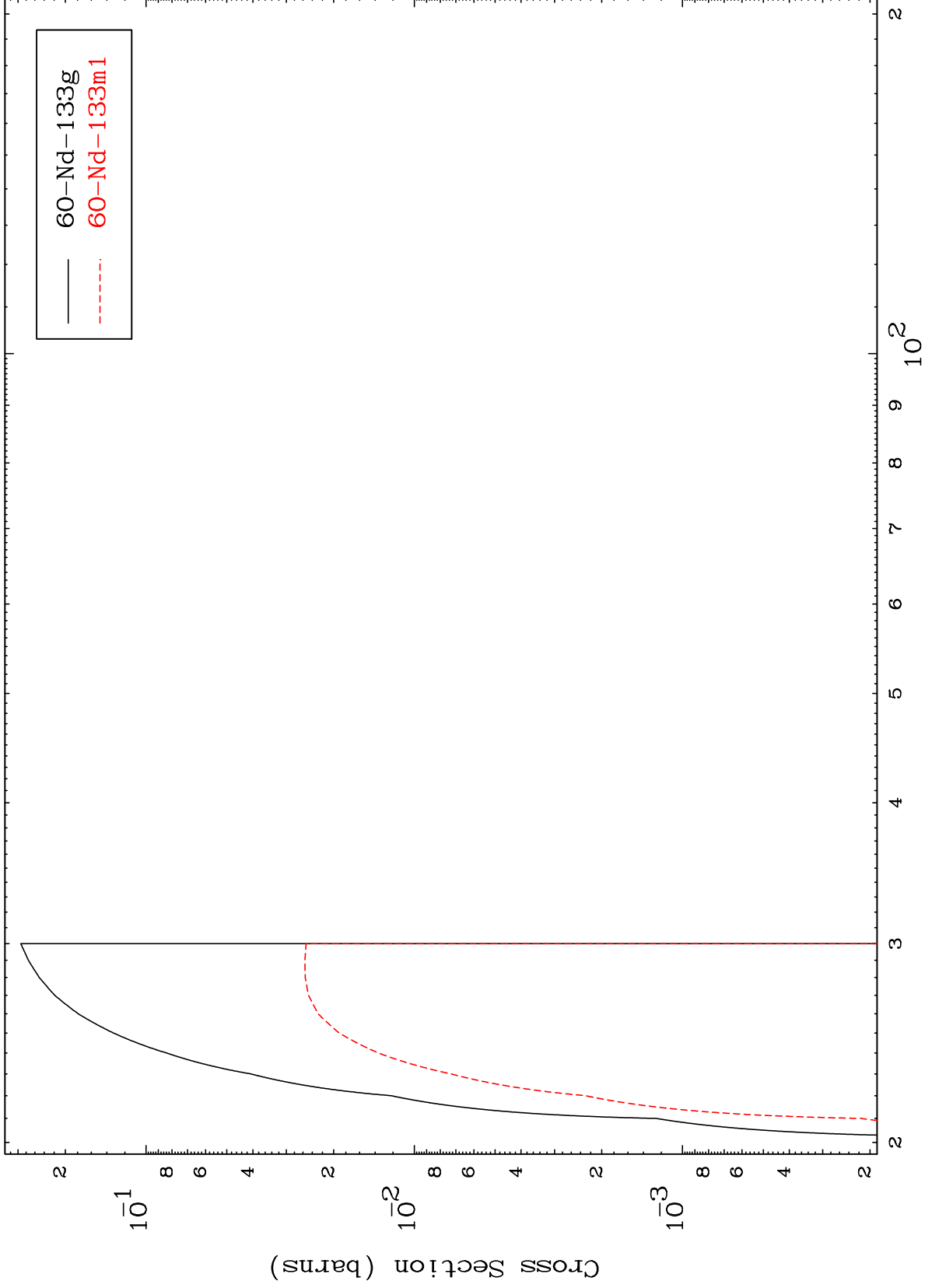


MAT 6004

(n,3n)

60-Nd-135

Radionuclide Production Cross Section



132

Incident Energy (MeV)

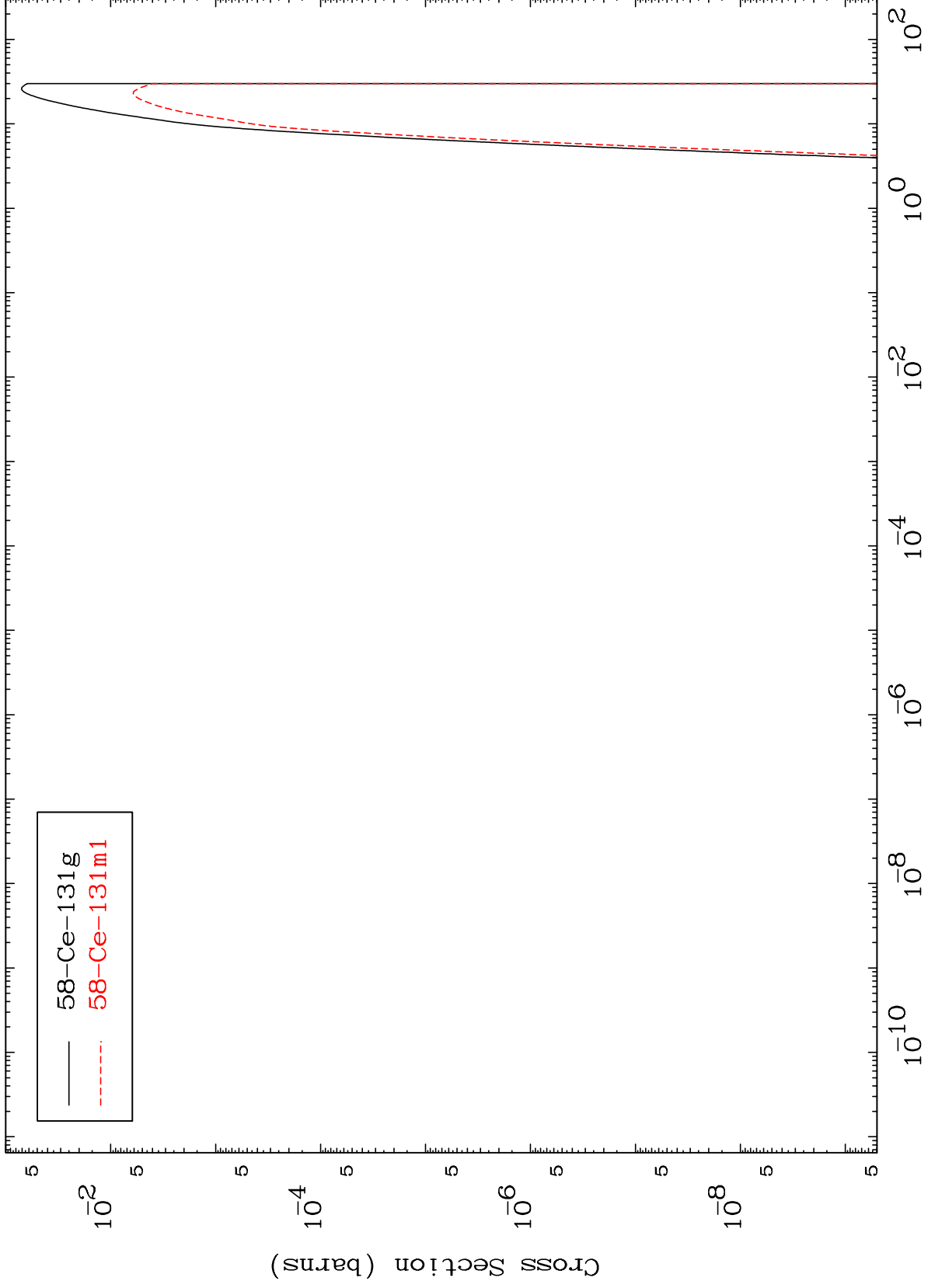
60-Nd-135

MAT 6004

(n,n') α

60-Nd-135

Radionuclide Production Cross Section

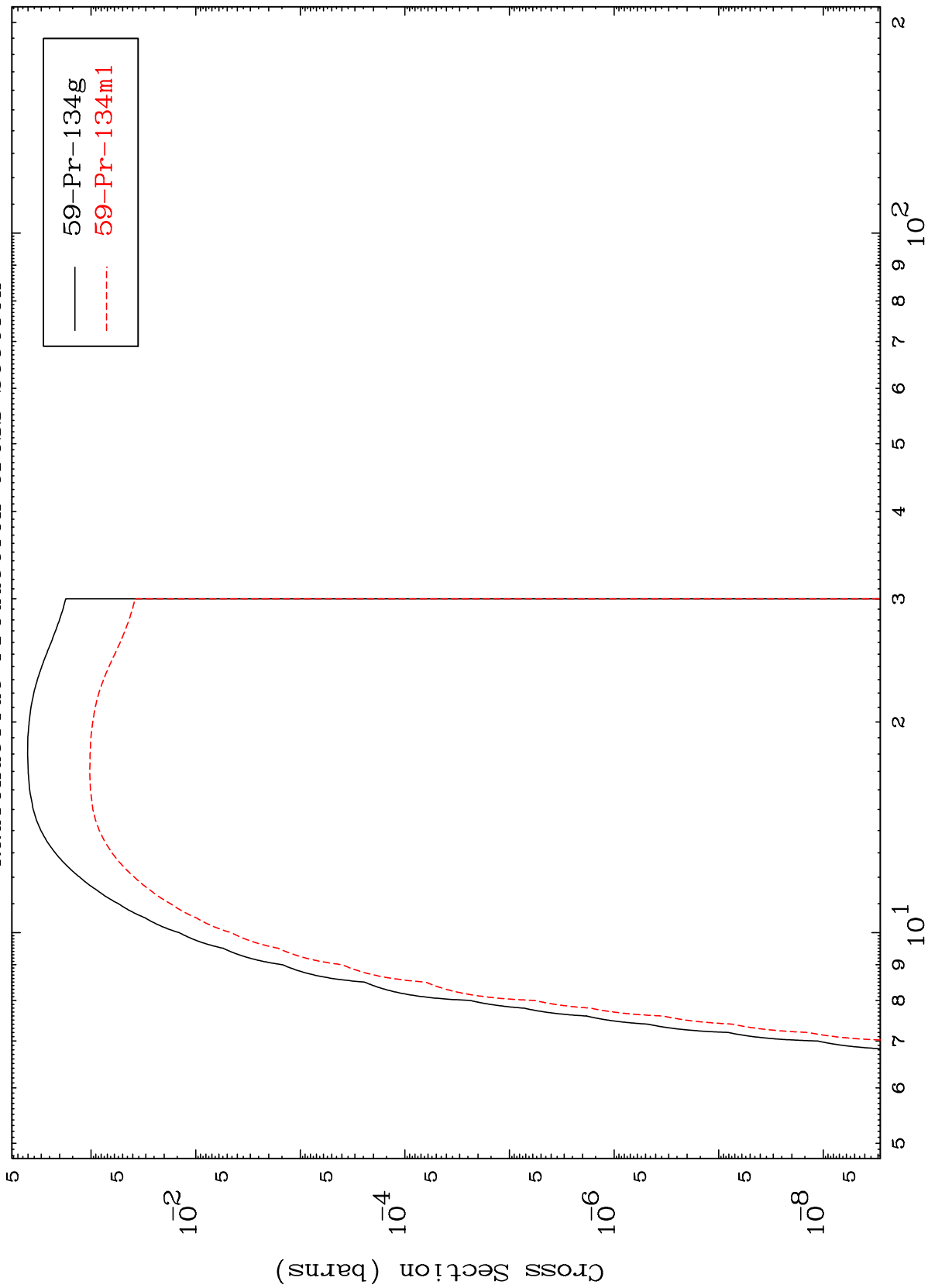


MAT 6004

(n,n') p

60-Nd-135

Radionuclide Production Cross Section



134

Incident Energy (MeV)

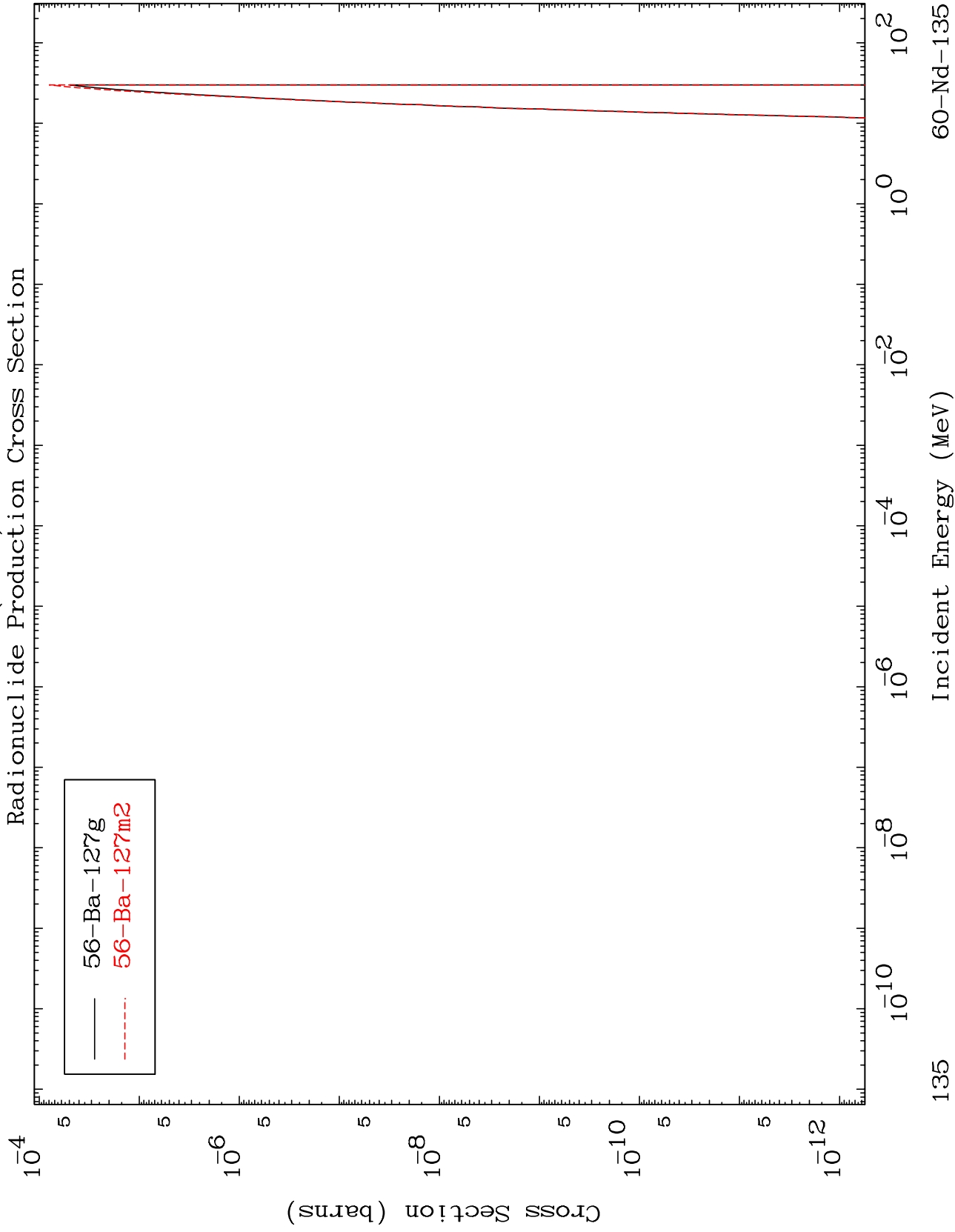
60-Nd-135

MAT 6004

(n,n') 2 α

60-Nd-135

Radionuclide Production Cross Section



135

Incident Energy (MeV)

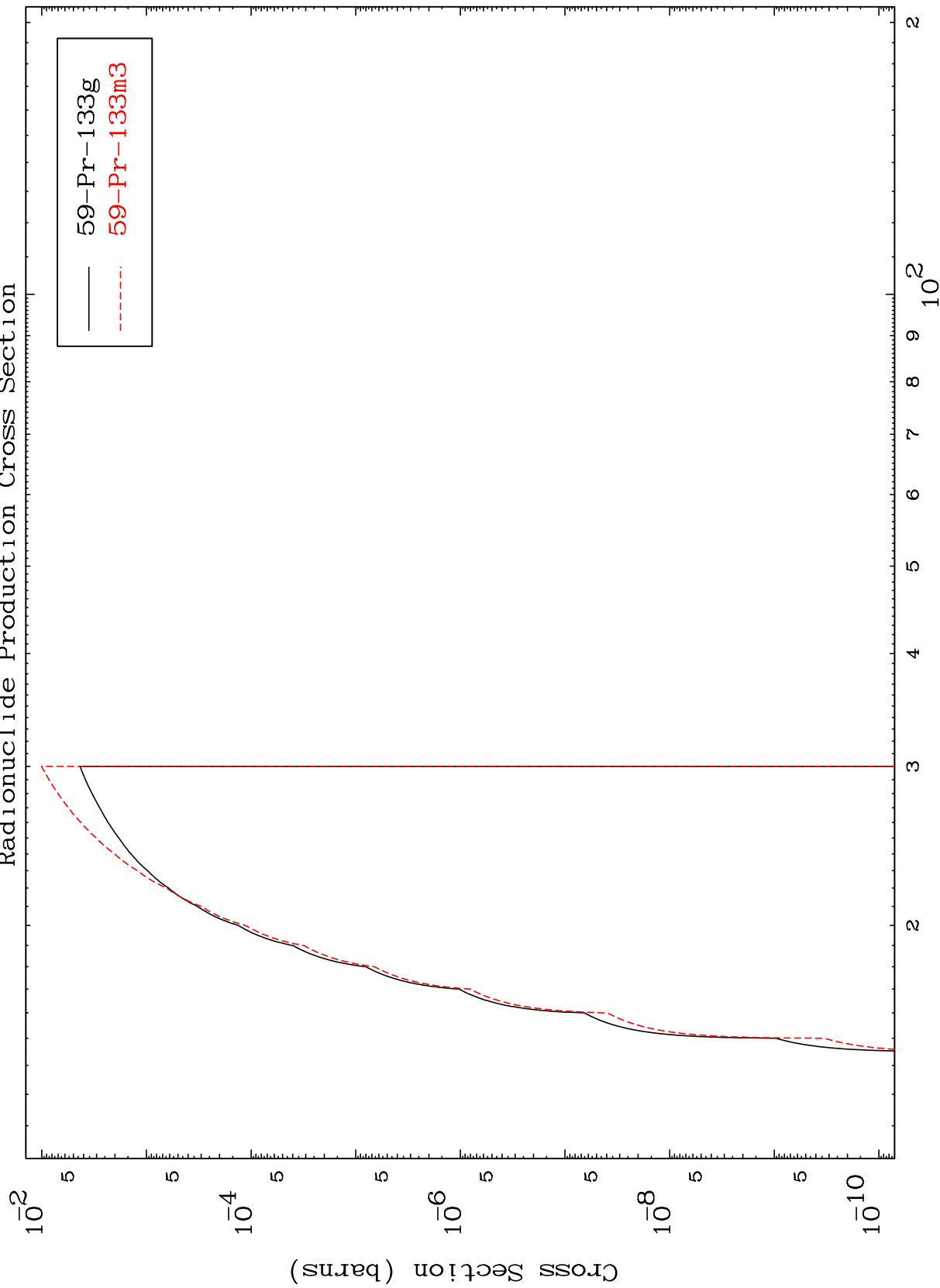
60-Nd-135

MAT 6004

(n,n') d

60-Nd-135

Radionuclide Production Cross Section



136

Incident Energy (MeV)

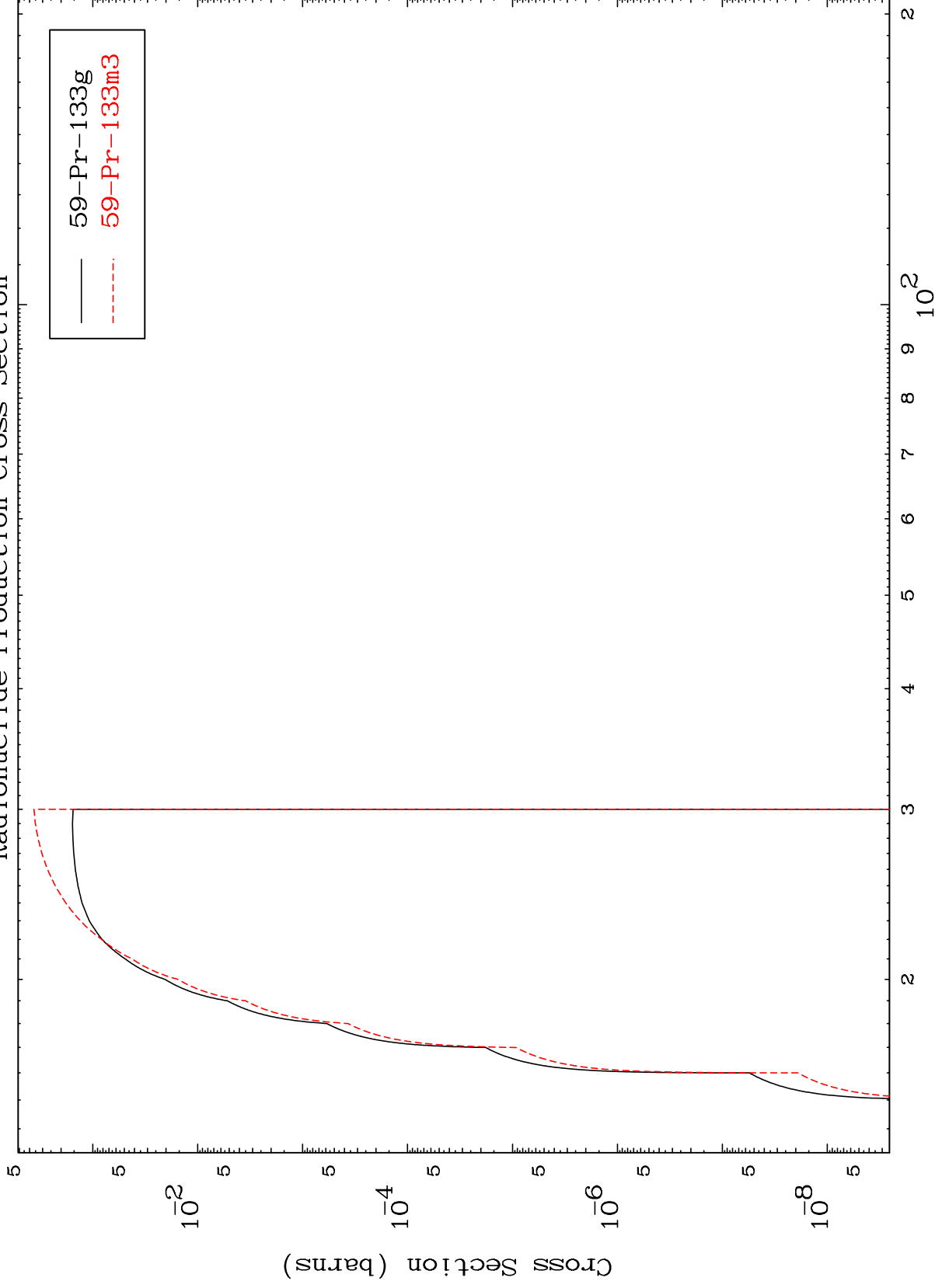
60-Nd-135

MAT 6004

(n,2n) p

60-Nd-135

Radionuclide Production Cross Section



137

Incident Energy (MeV)

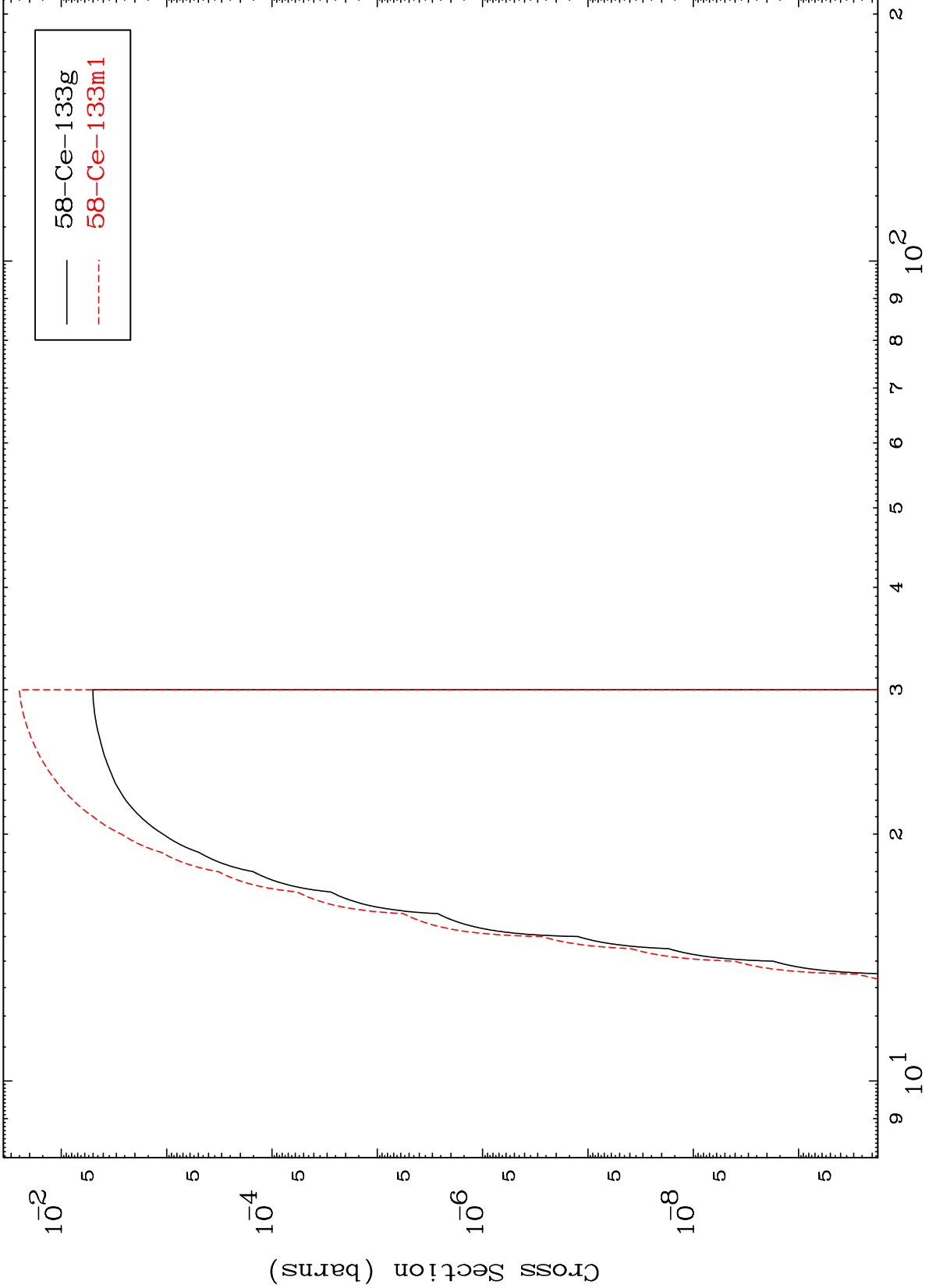
60-Nd-135

MAT 6004

(n,2n) p

60-Nd-135

Radionuclide Production Cross Section



138

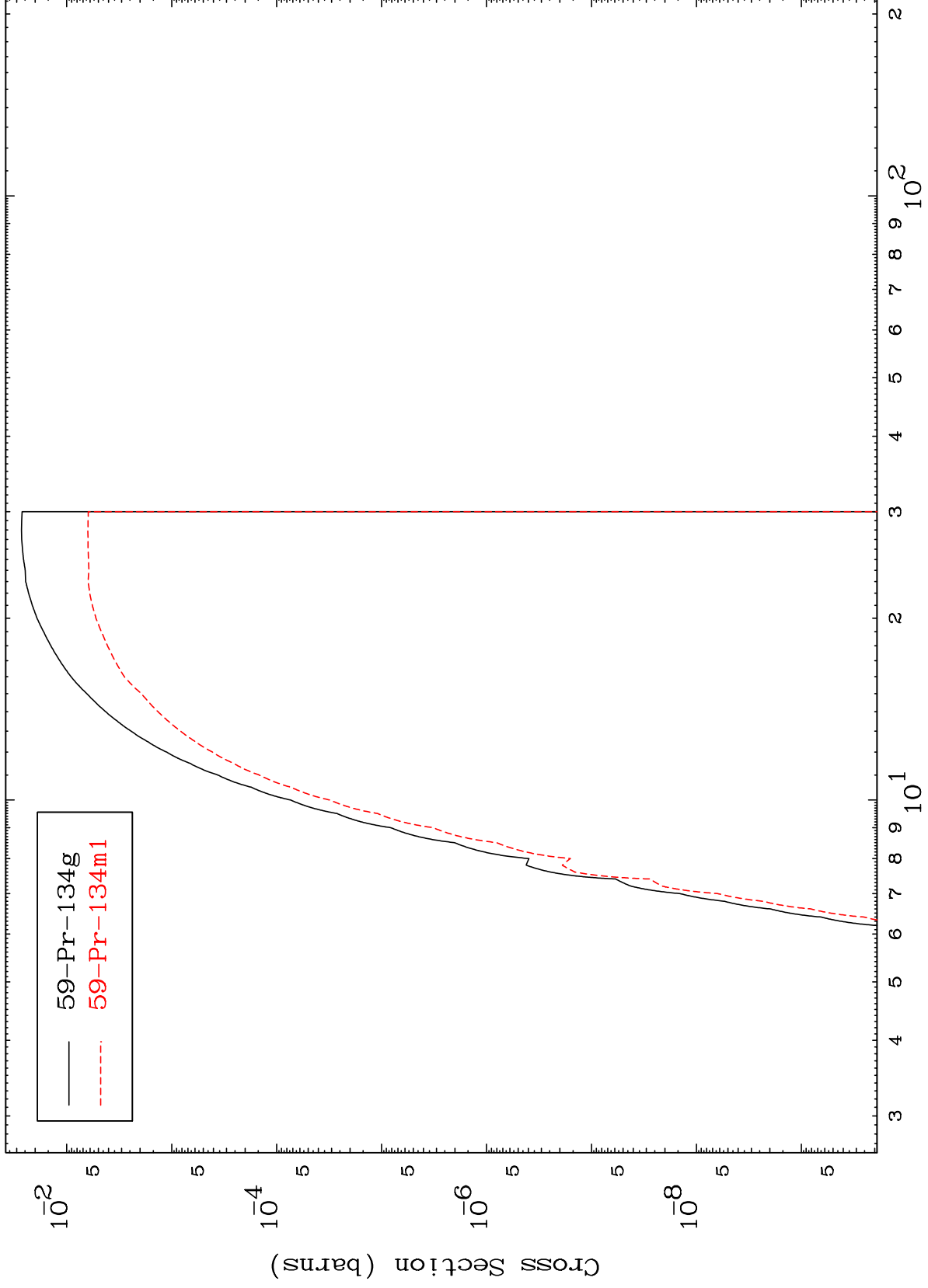
Incident Energy (MeV)

60-Nd-135

MAT 6004

60-Nd-135

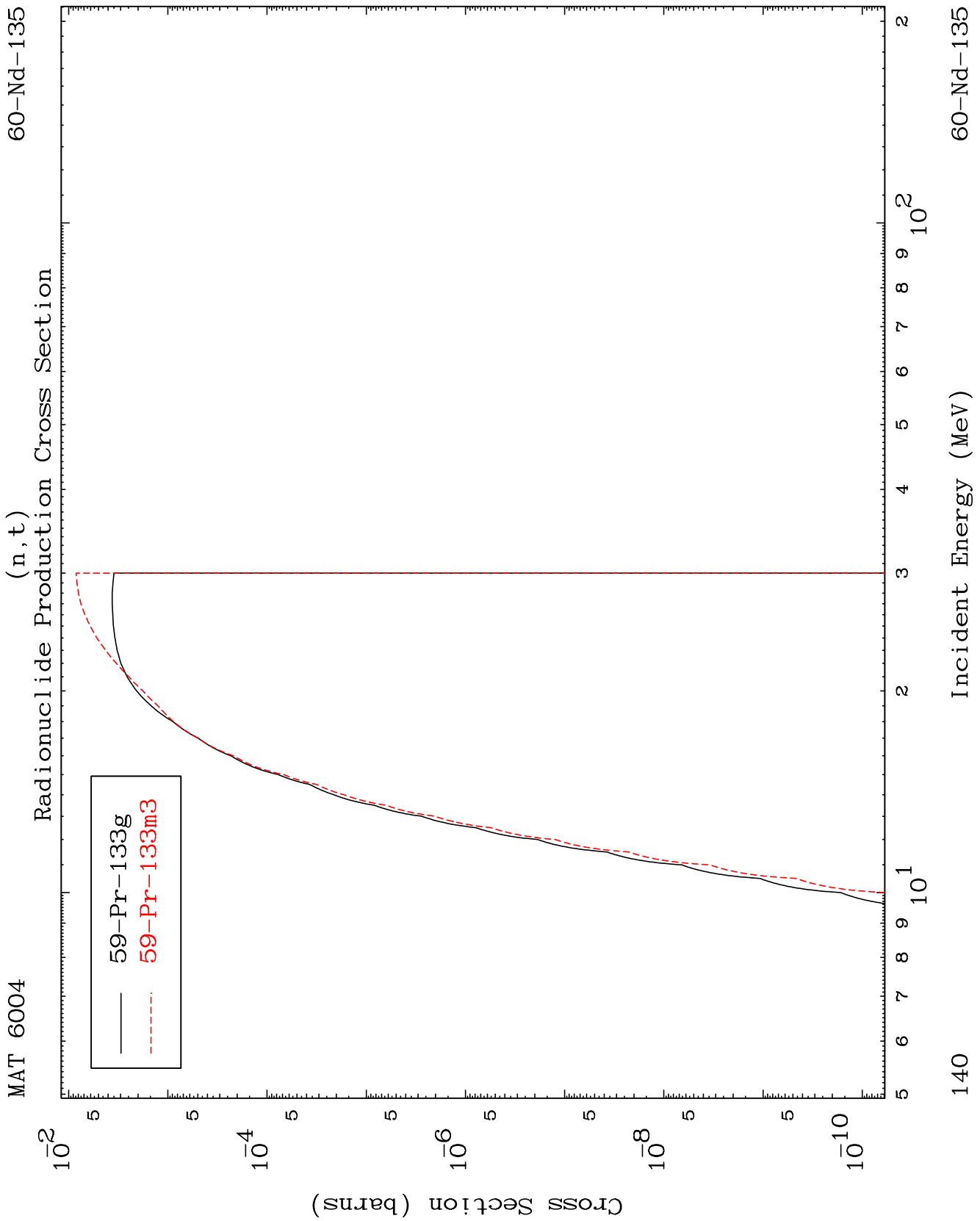
(n,d)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

60-Nd-135

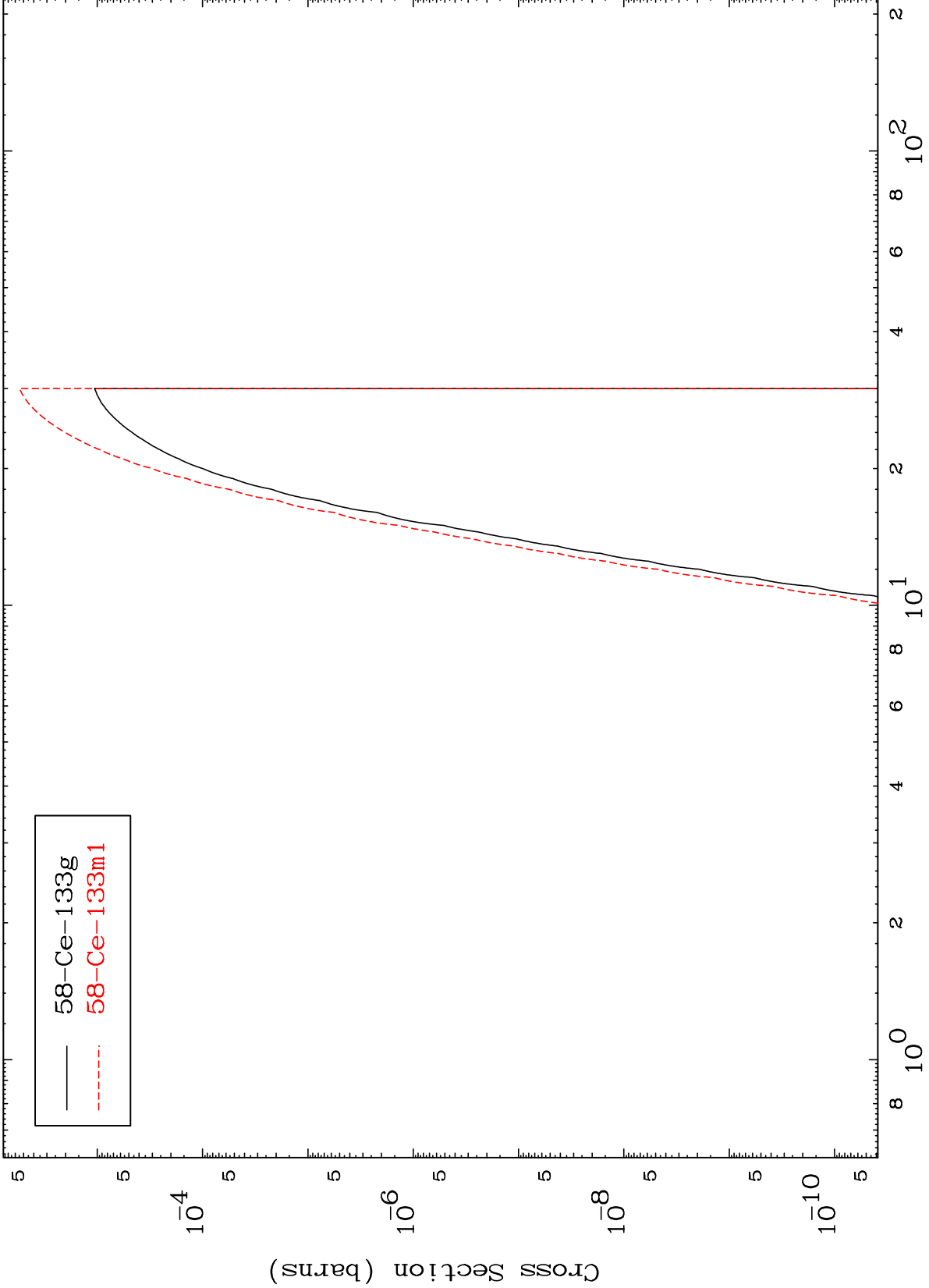


MAT 6004

(n,He-3)

60-Nd-135

Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

141

Incident Energy (MeV)

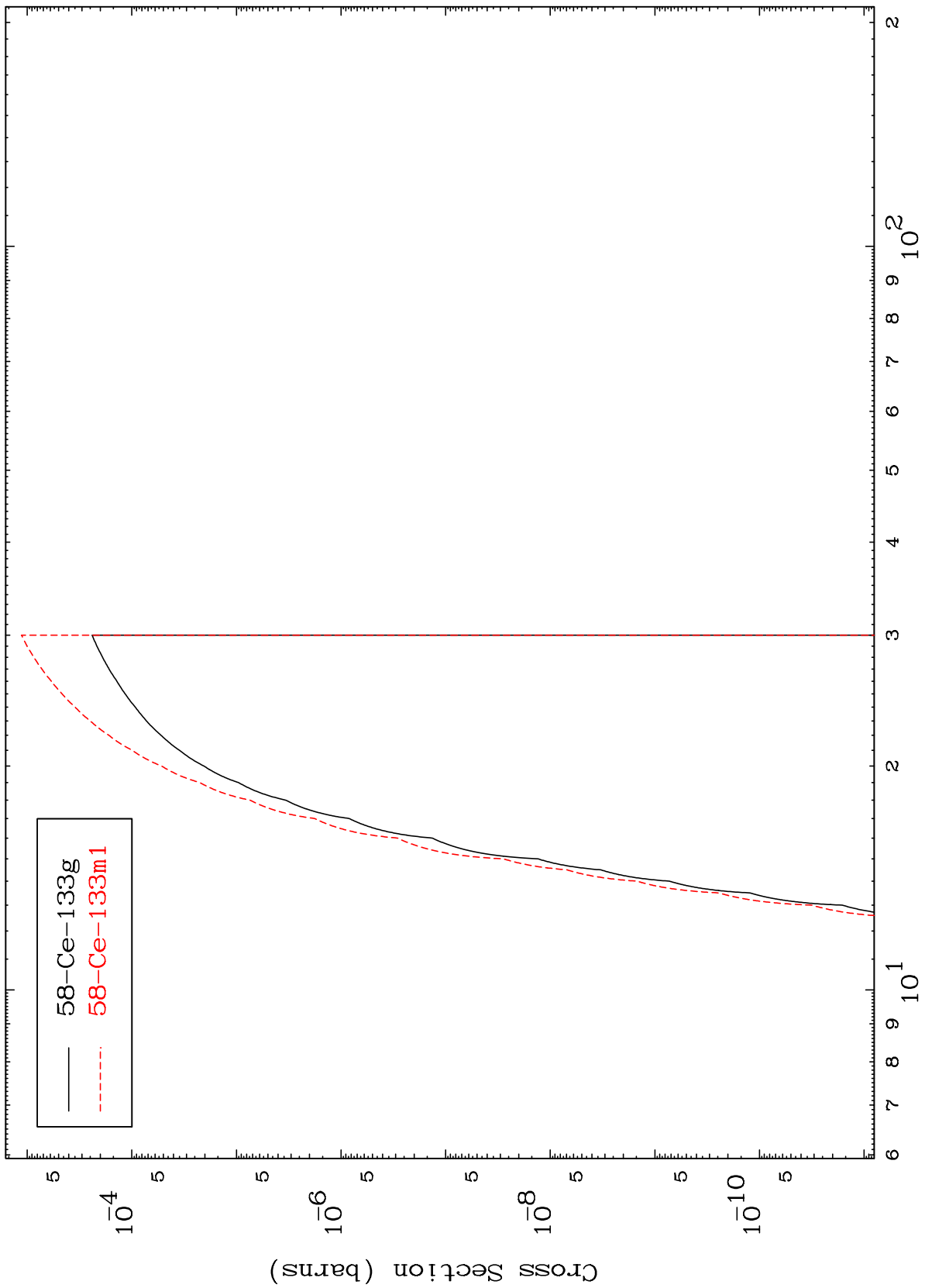
60-Nd-135

MAT 6004

(n,p) d

60-Nd-135

Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

Incident Energy (MeV)

60-Nd-135

142