

Program EVALPLOT
(Version 2015-2)

by

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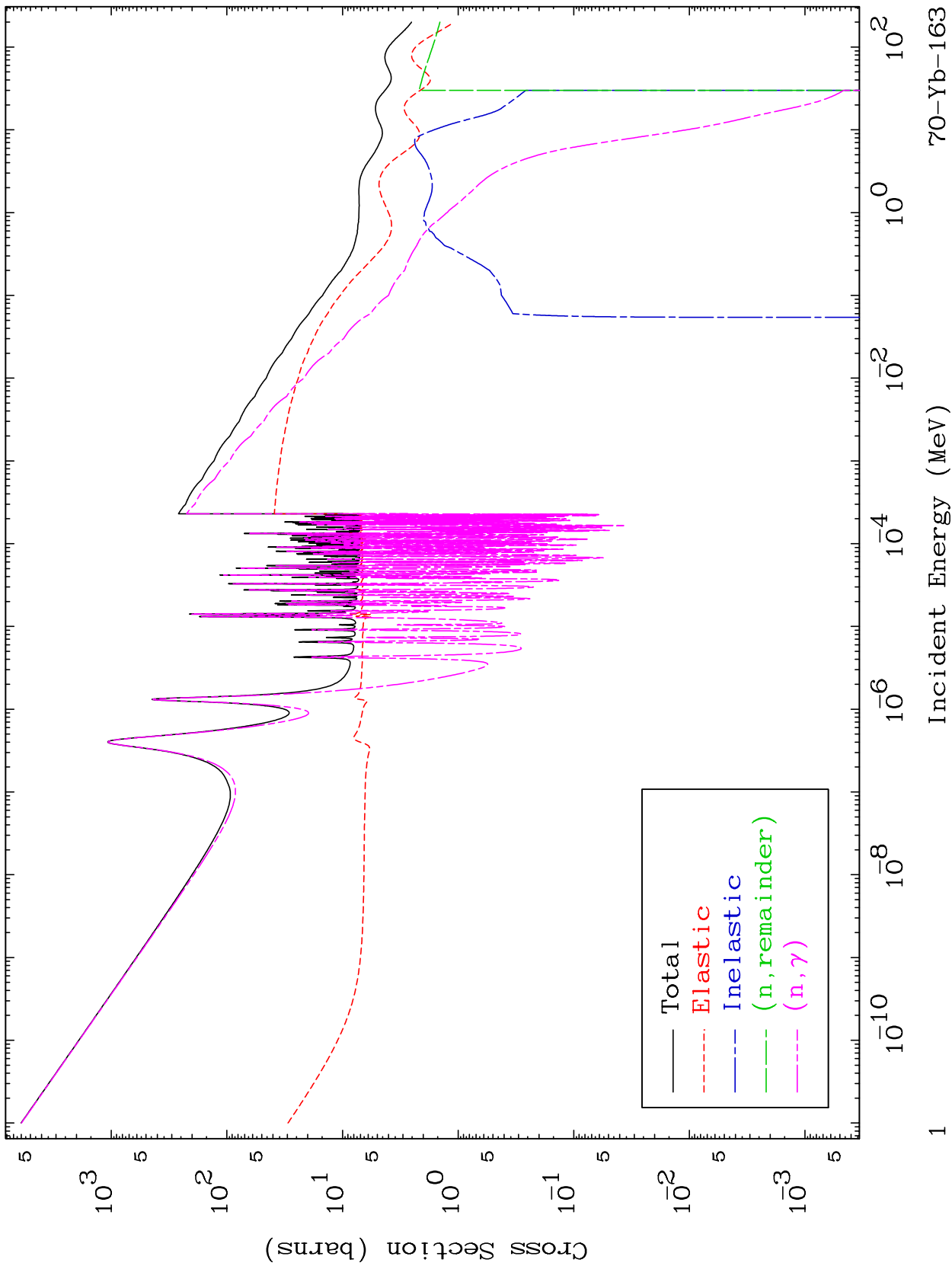
Press Mouse Button to Start

MAT 7010

Major

293 Kelvin Cross Sections

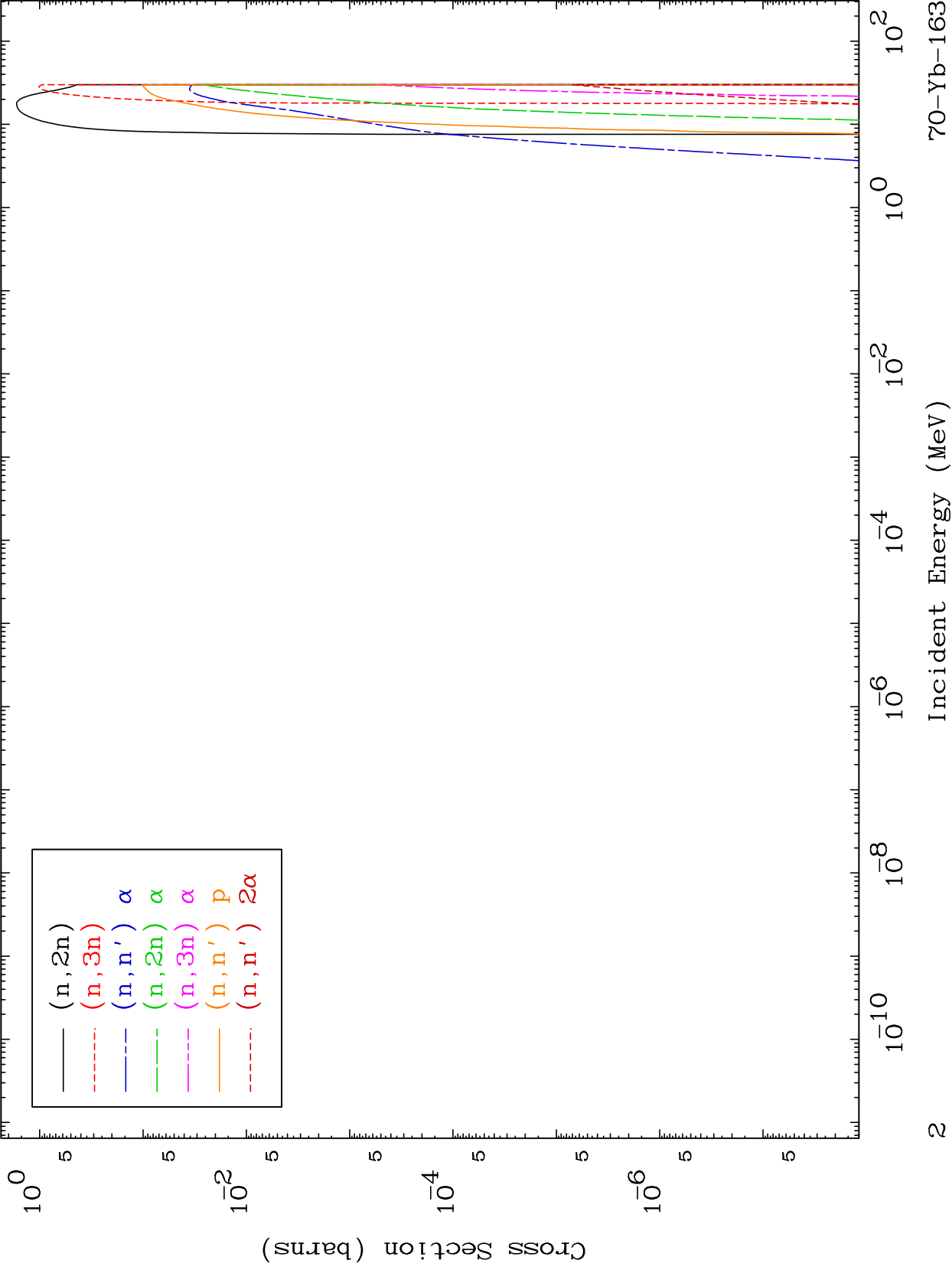
70-Yb-163

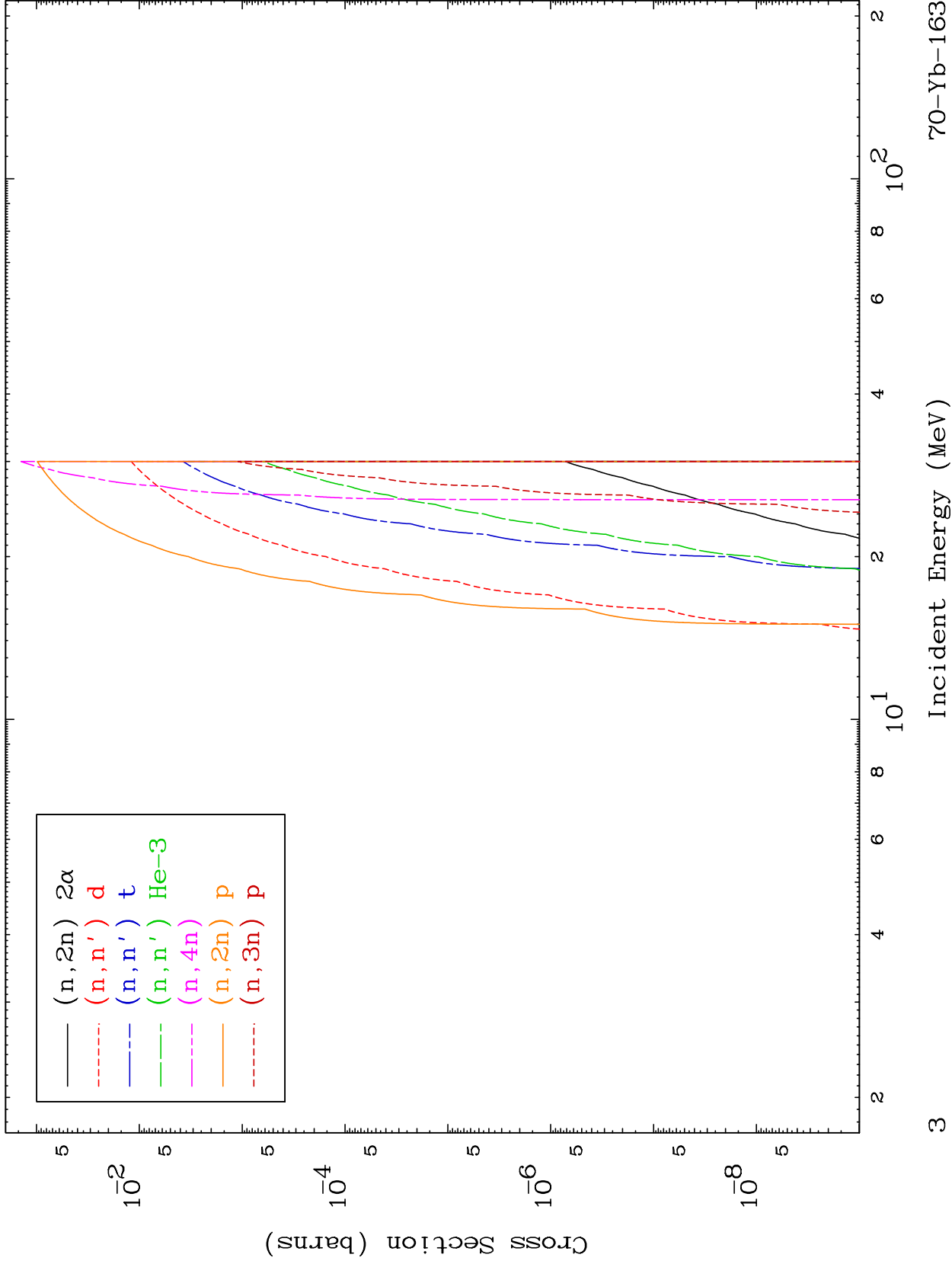


MAT 7010

Neutron Production
293 Kelvin Cross Sections

70-Yb-163

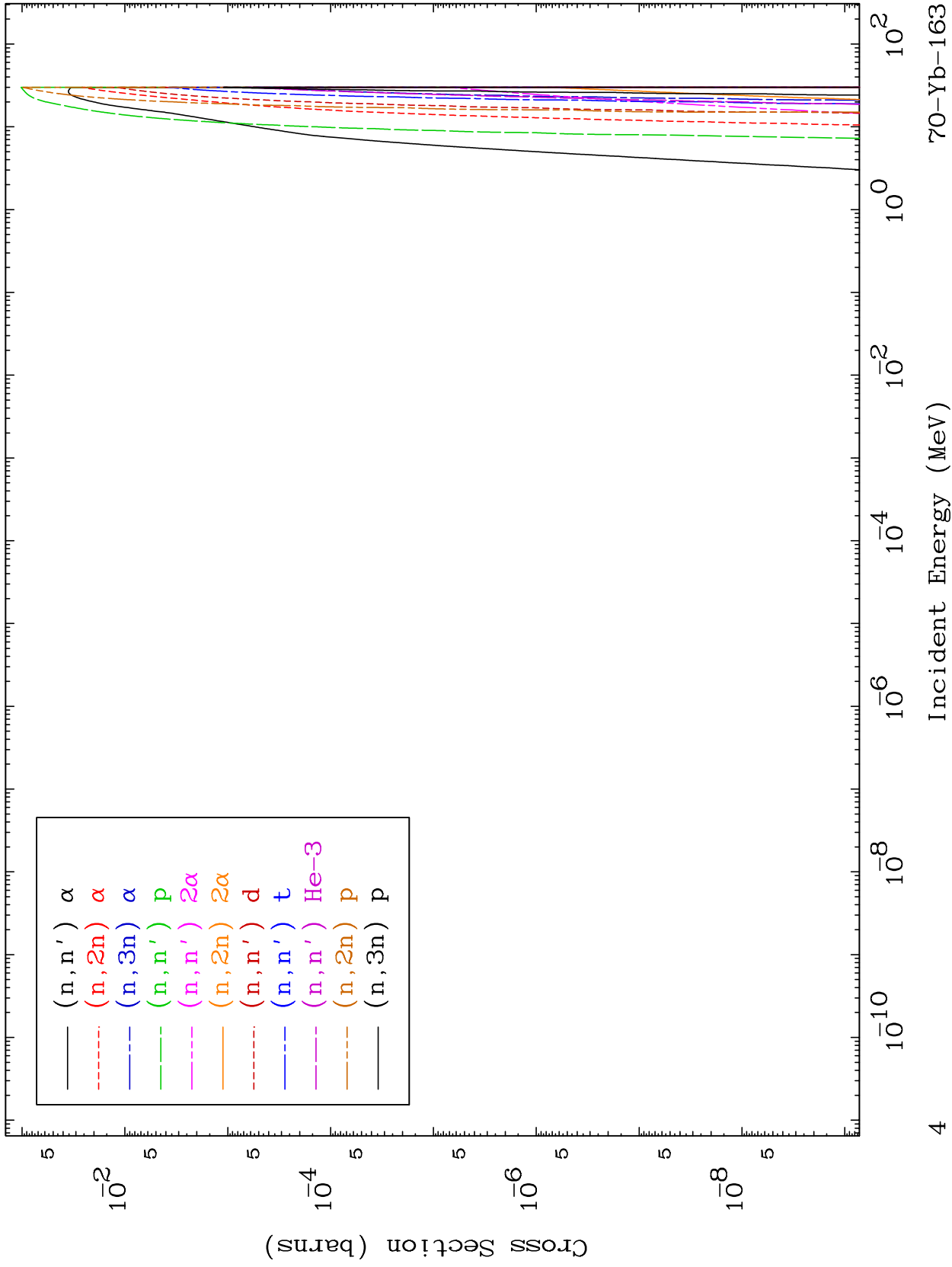




MAT 7010

Charged Particle
293 Kelvin Cross Sections

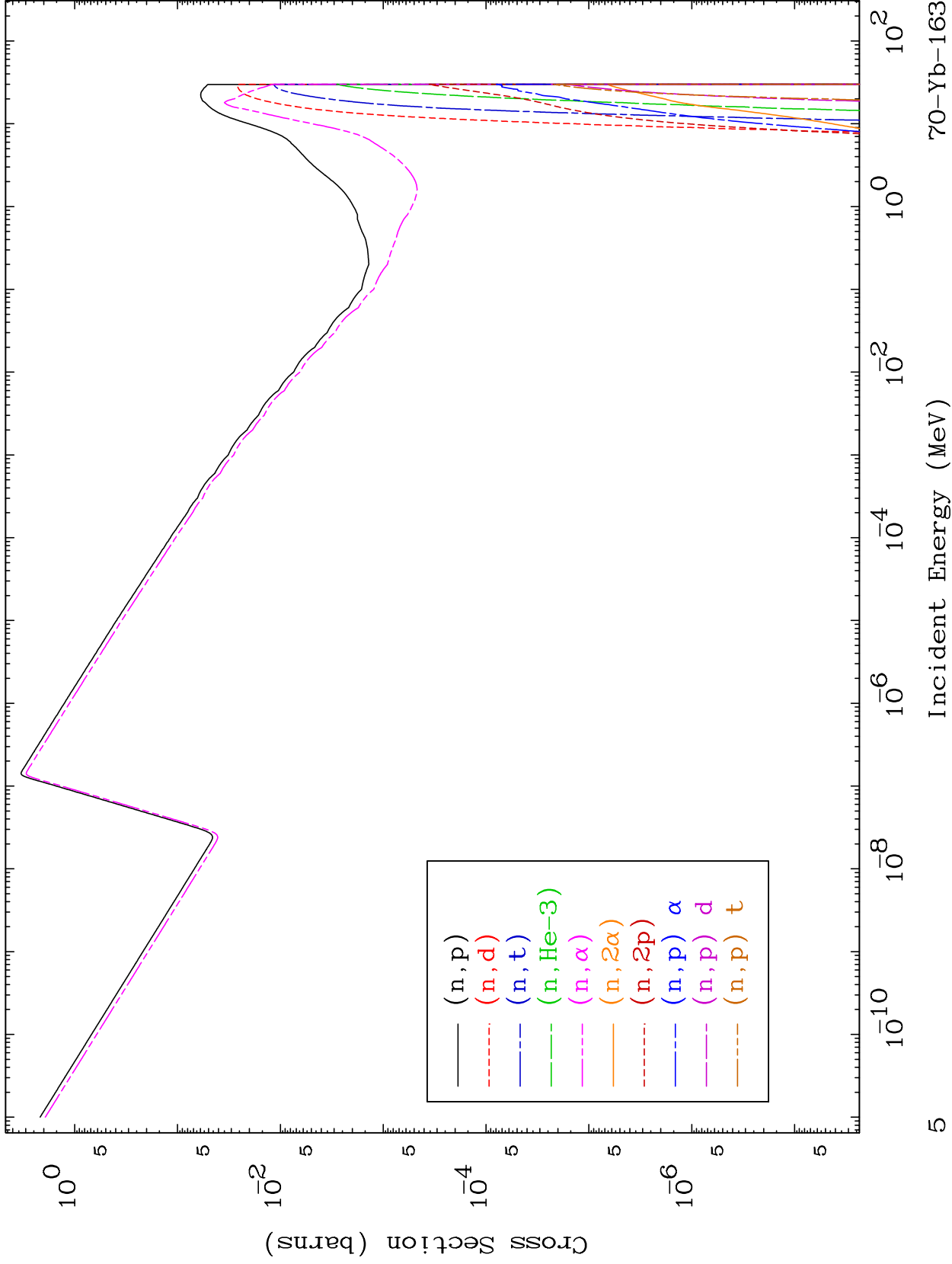
70-Yb-163



MAT 7010

Charged Particle
293 Kelvin Cross Sections

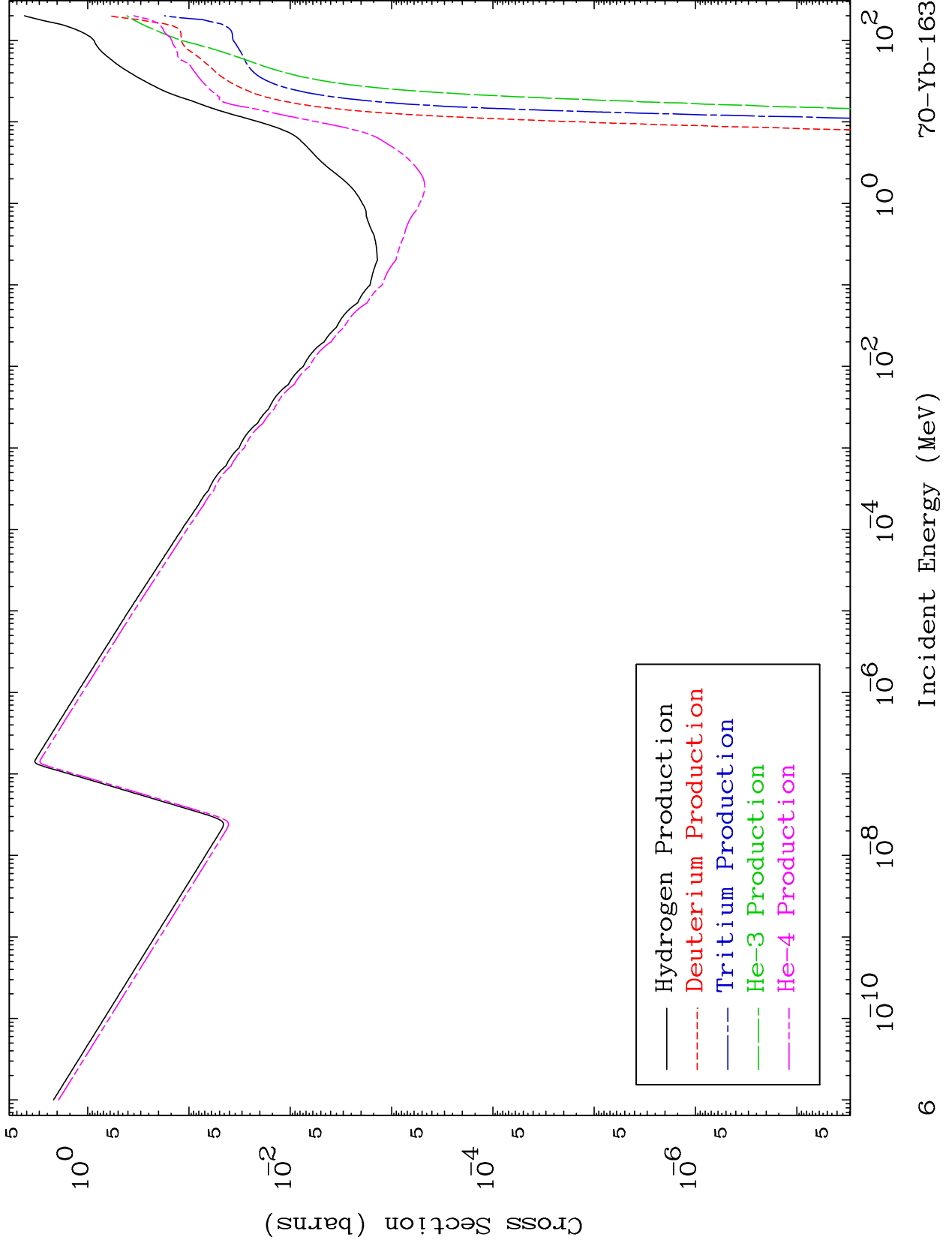
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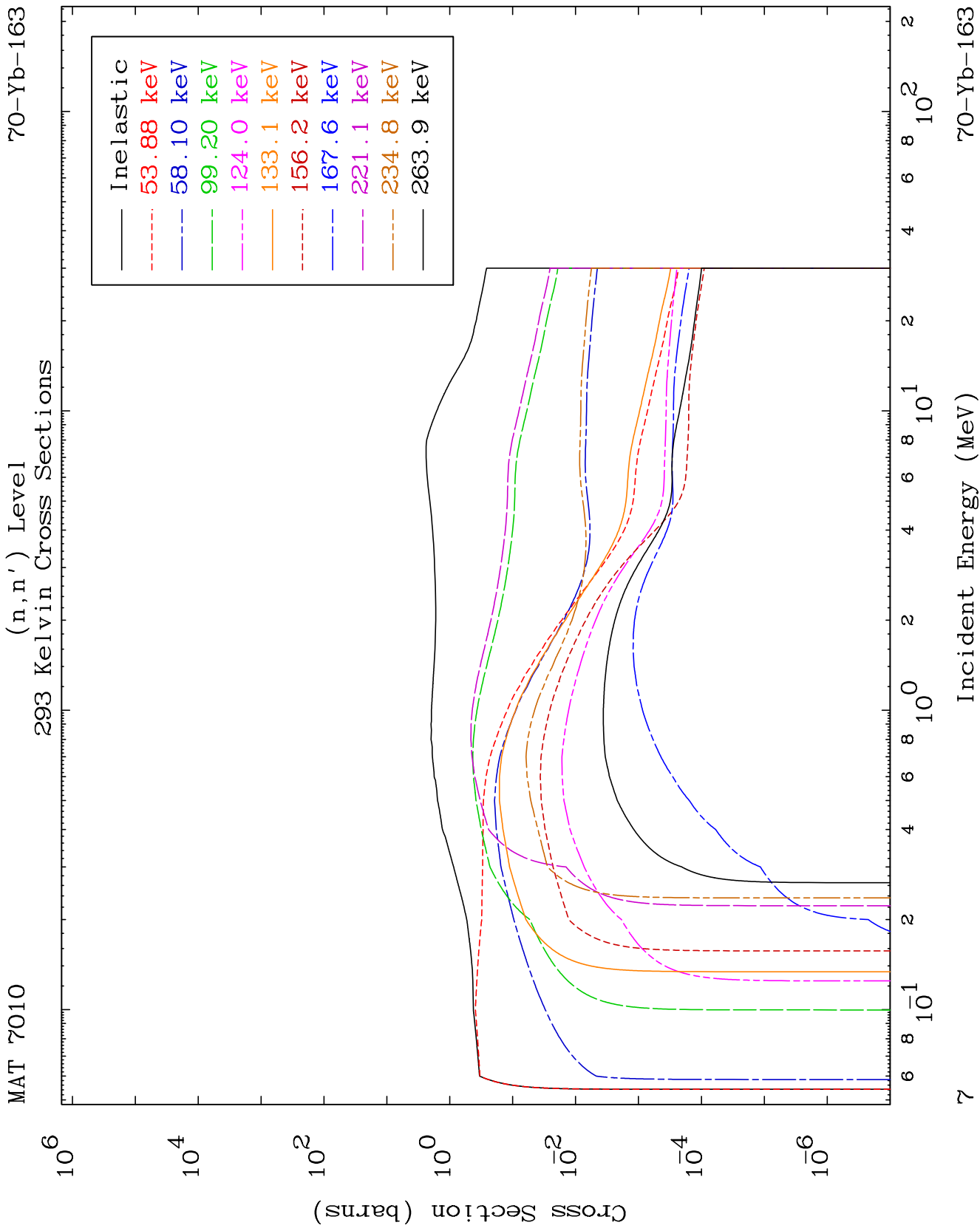


MAT 7010

Particle Production
293 Kelvin Cross Sections

70-Yb-163



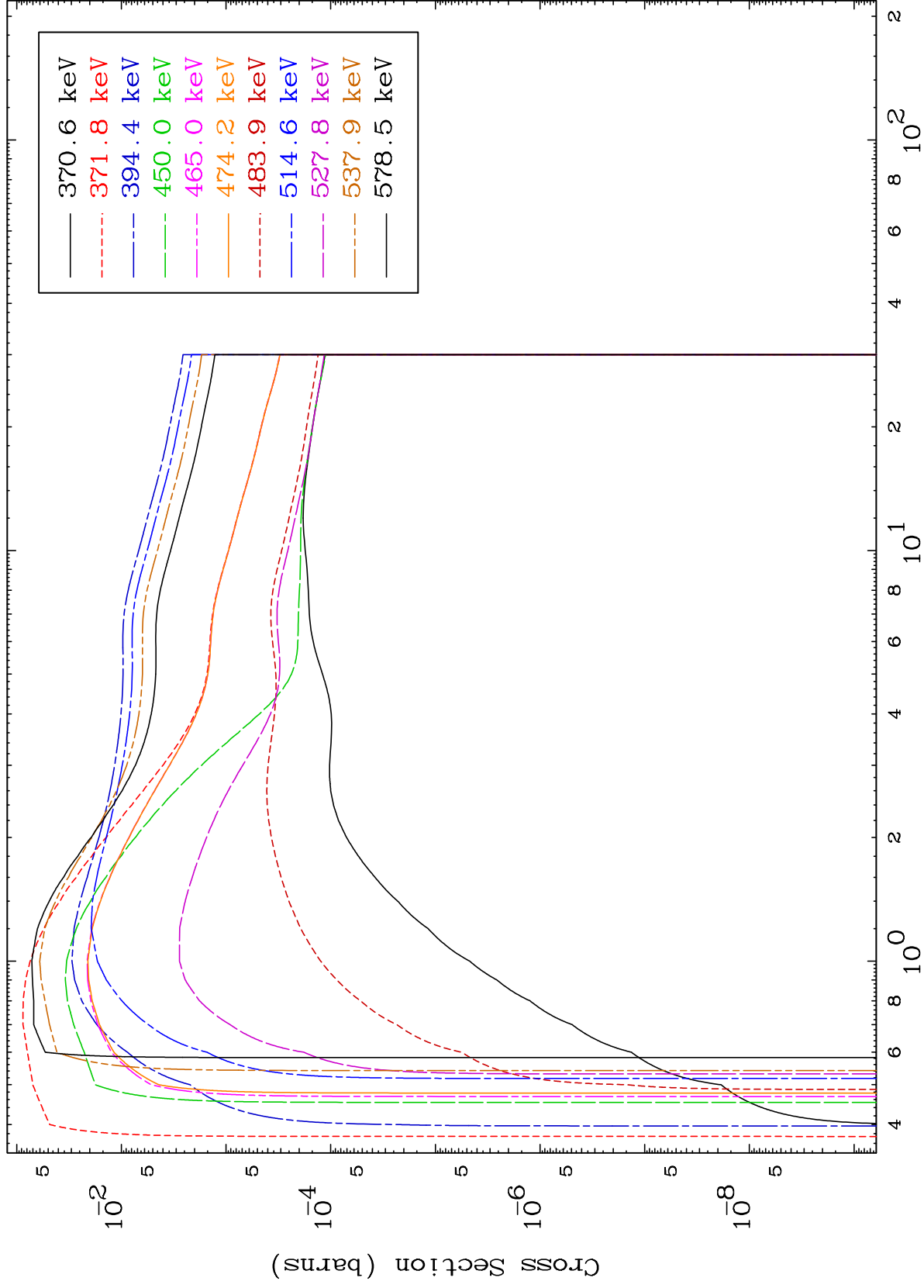


MAT 7010

(n,n') Level

70-Yb-163

293 Kelvin Cross Sections



8

Incident Energy (MeV)

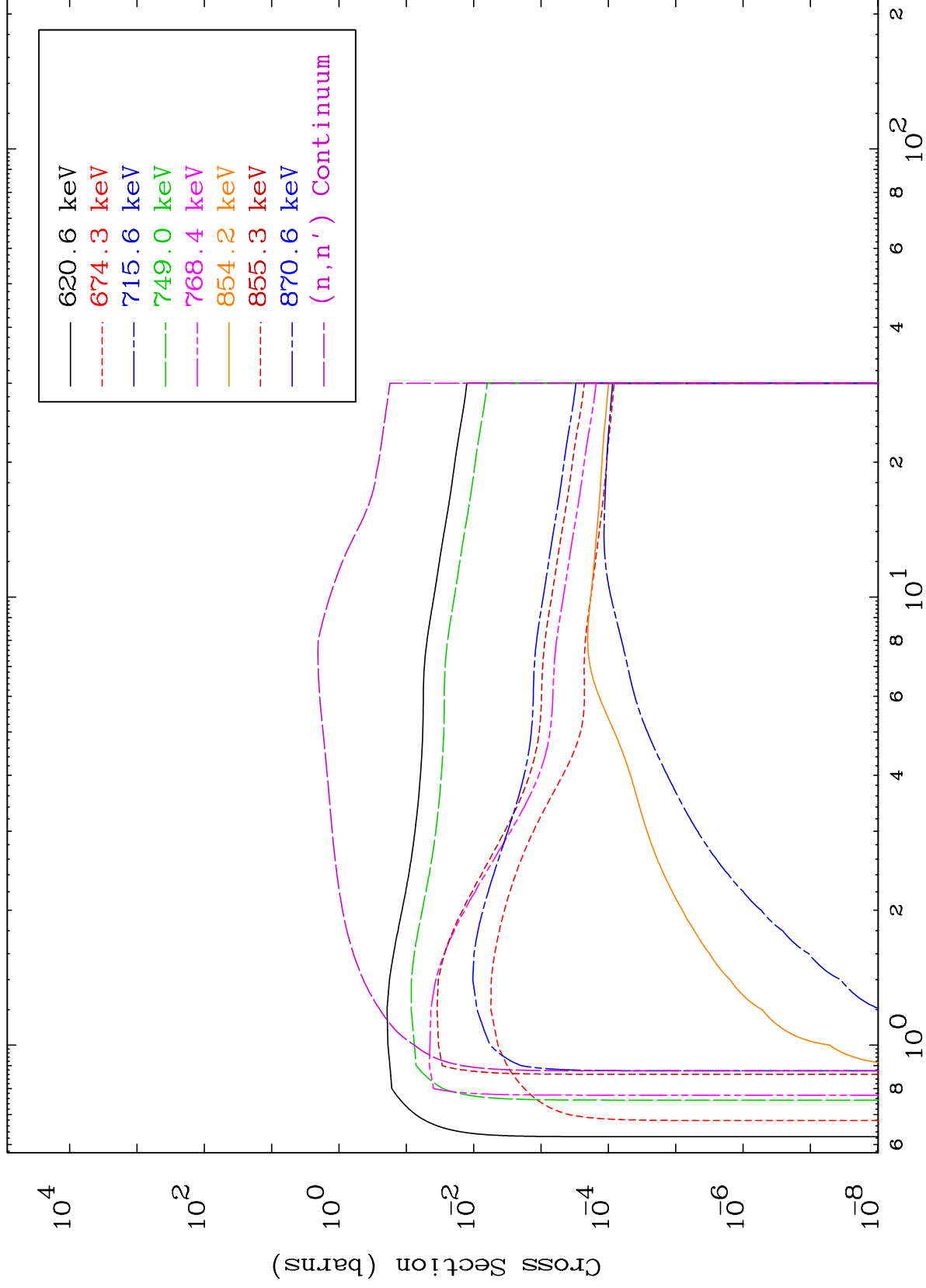
70-Yb-163

MAT 7010

(n,n') Level

70-Yb-163

293 Kelvin Cross Sections



9

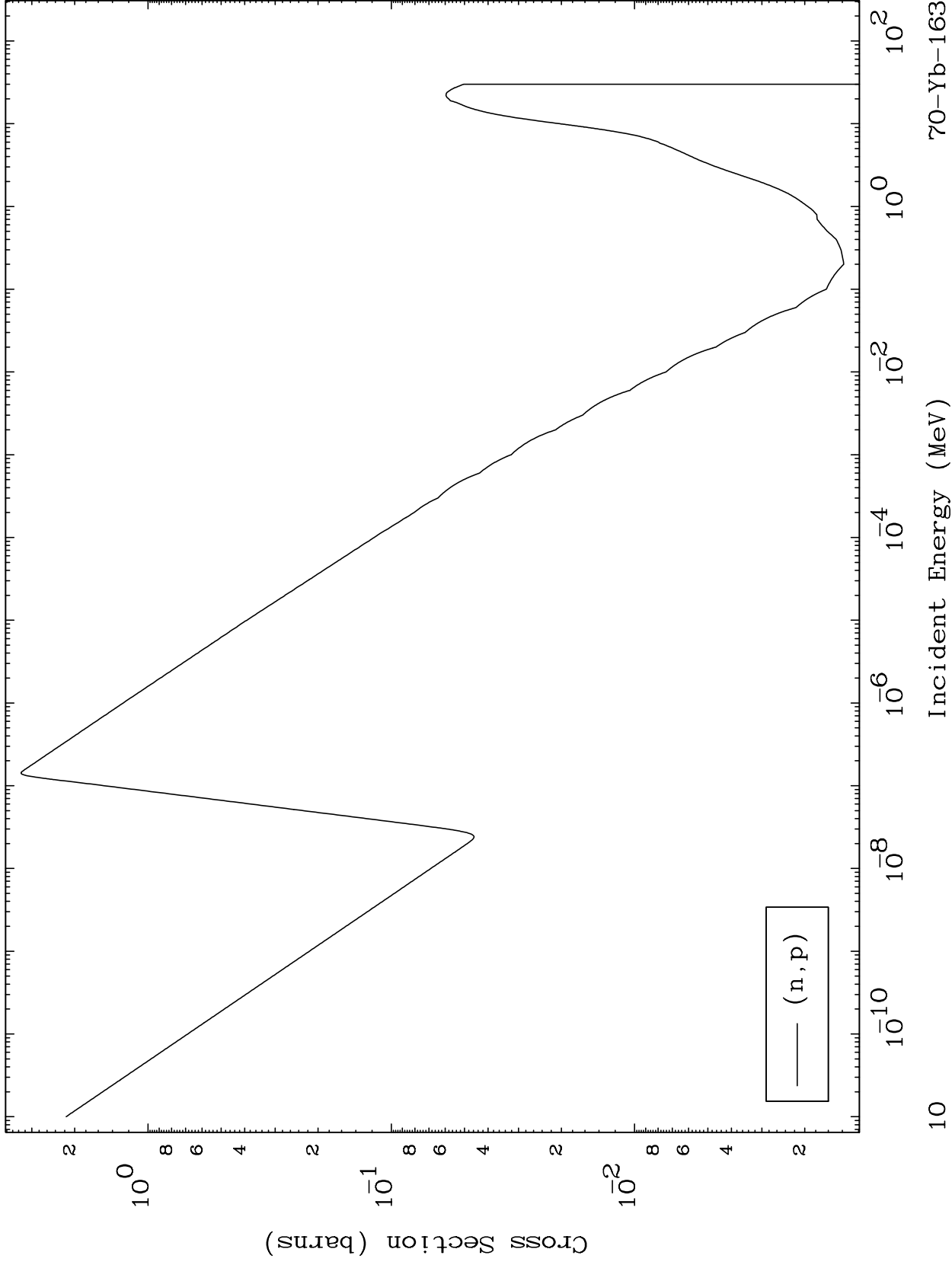
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-163



10

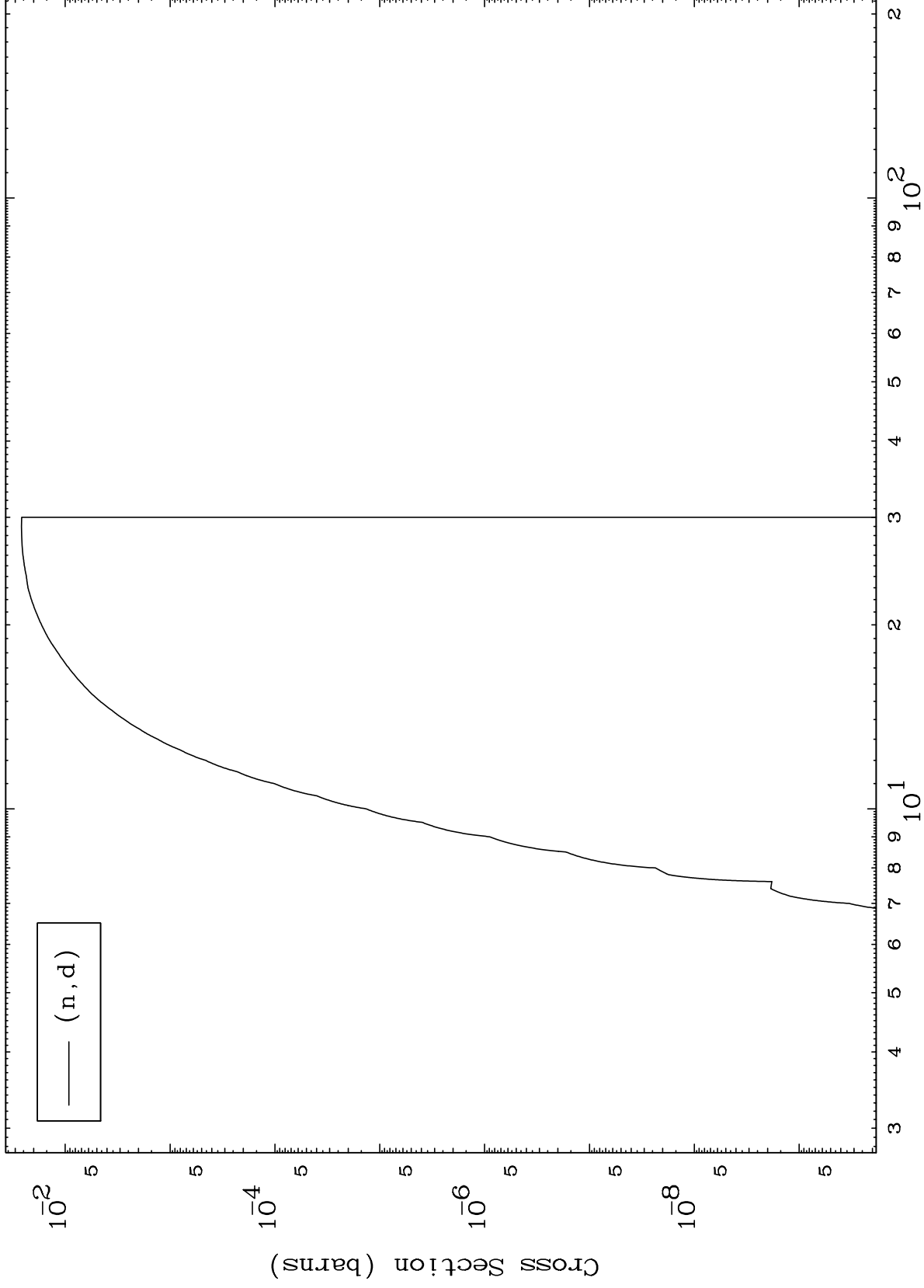
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-163



11

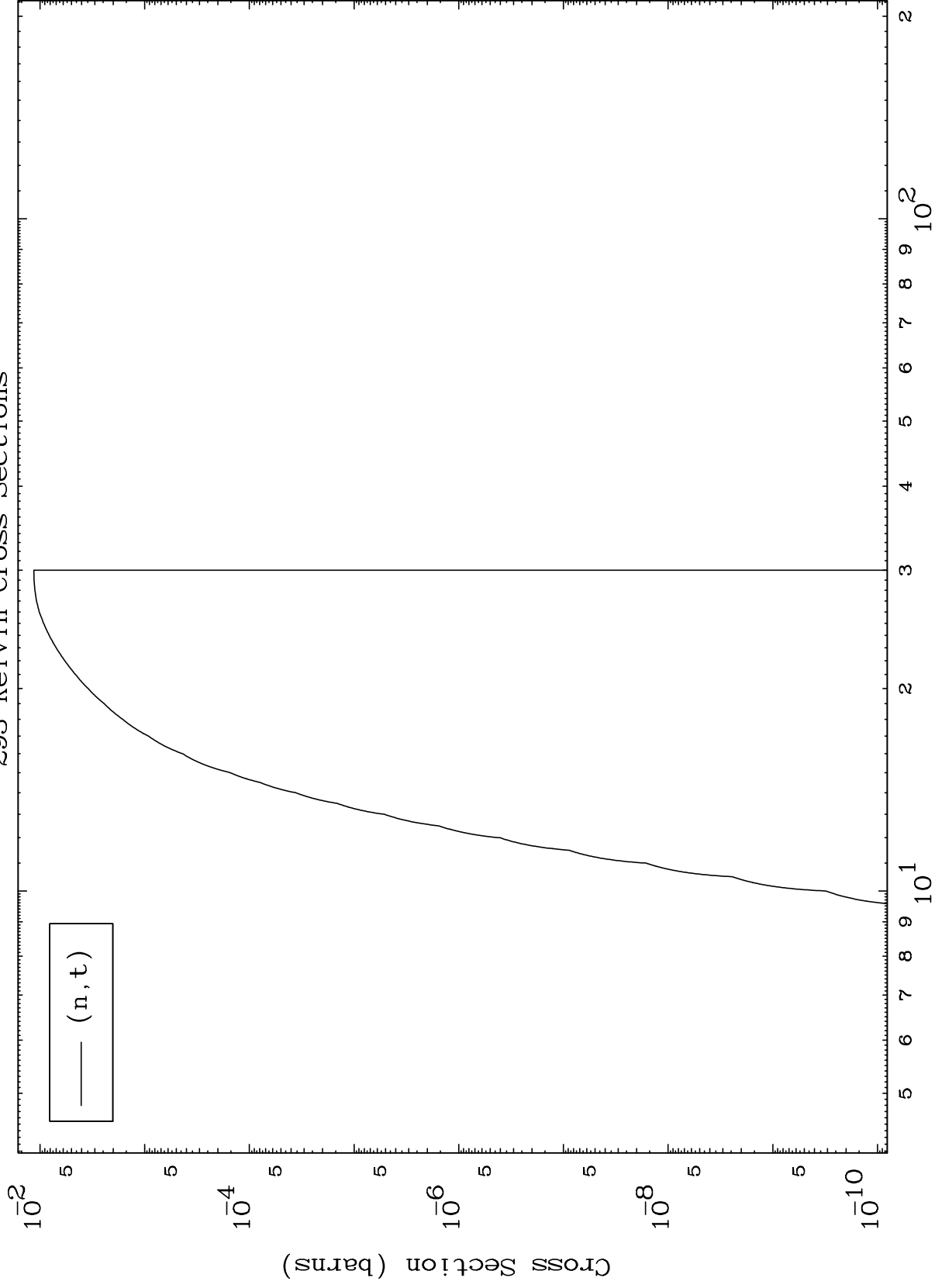
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-163



12

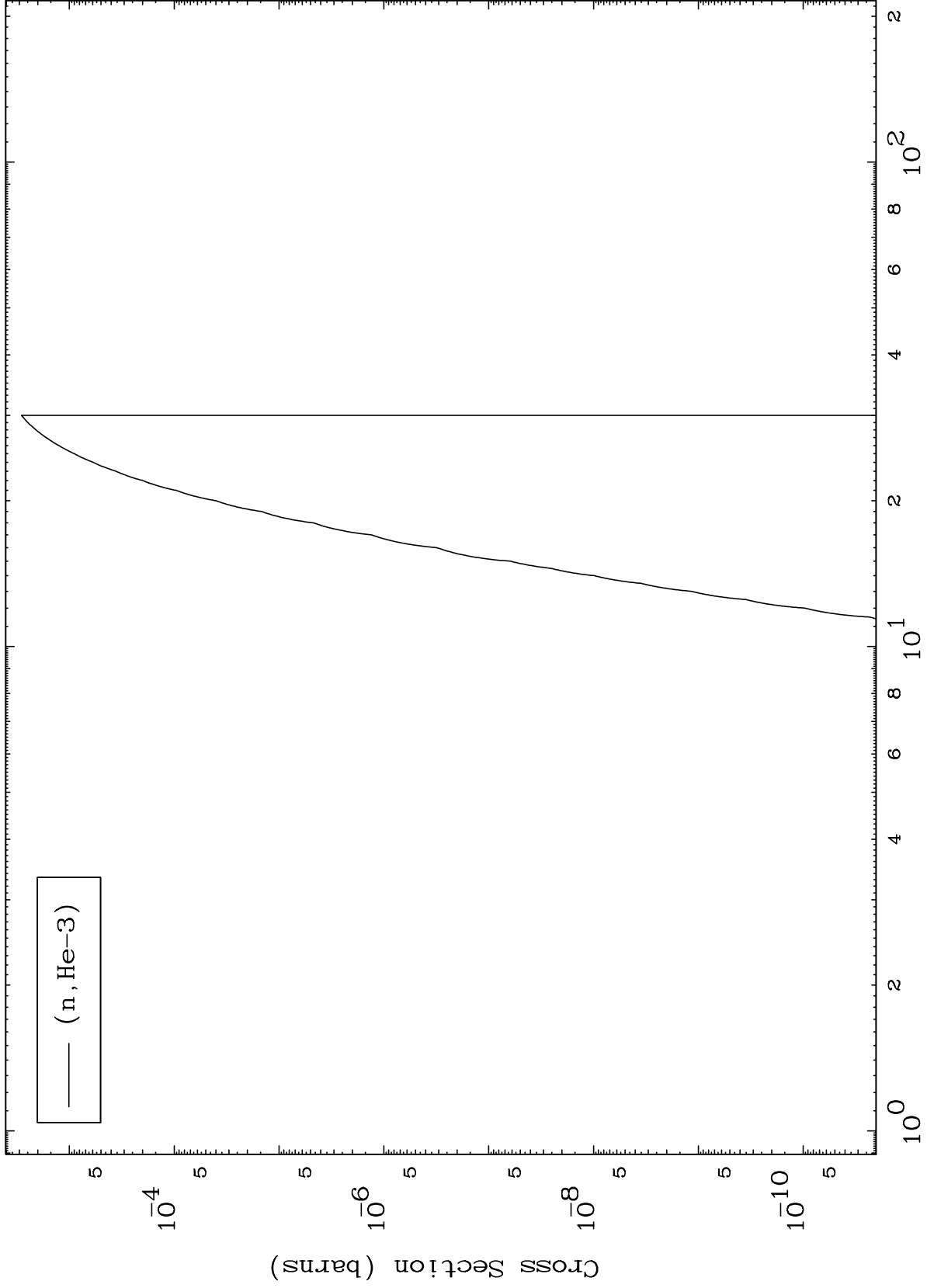
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-163



13

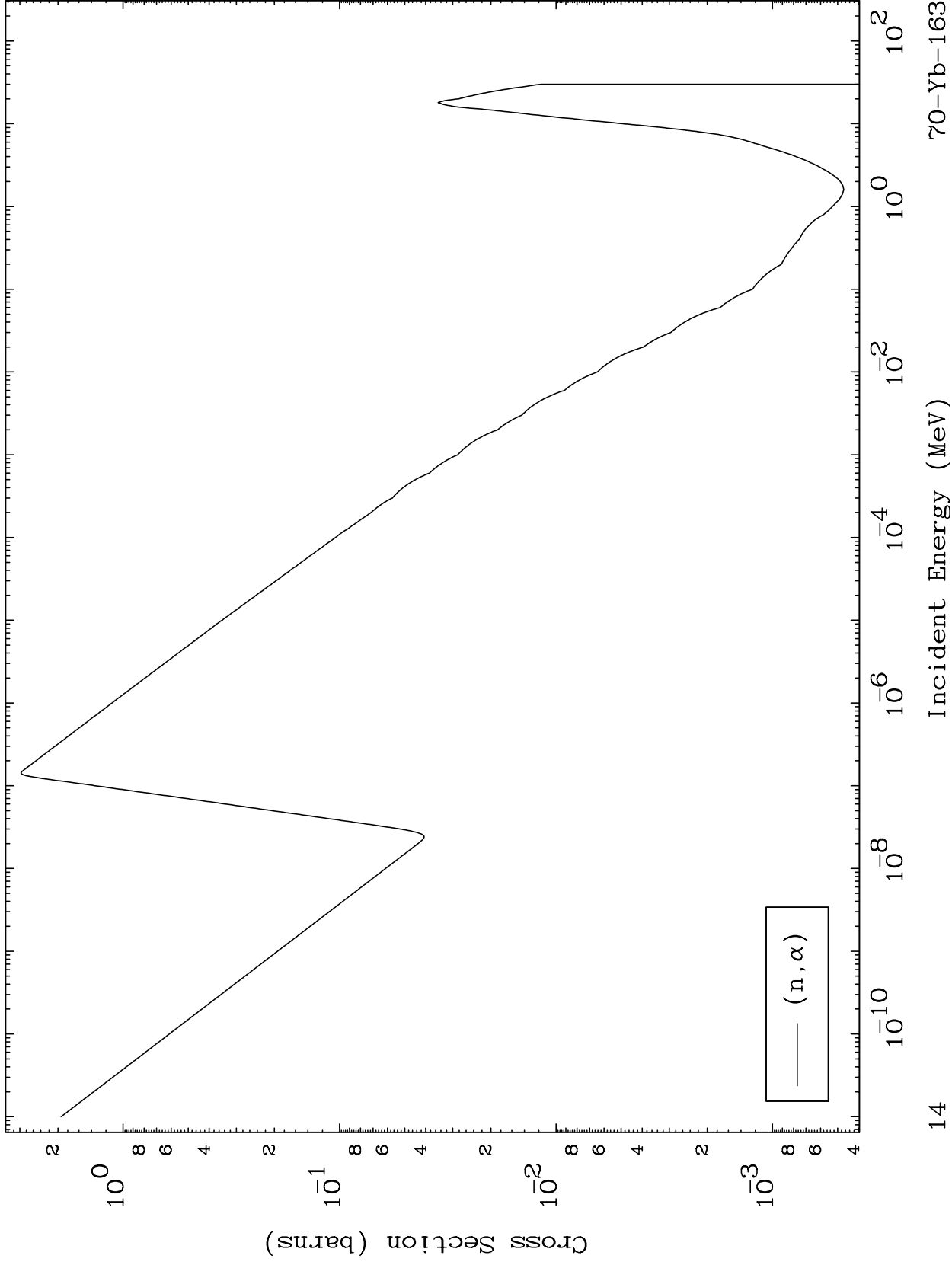
Incident Energy (MeV)

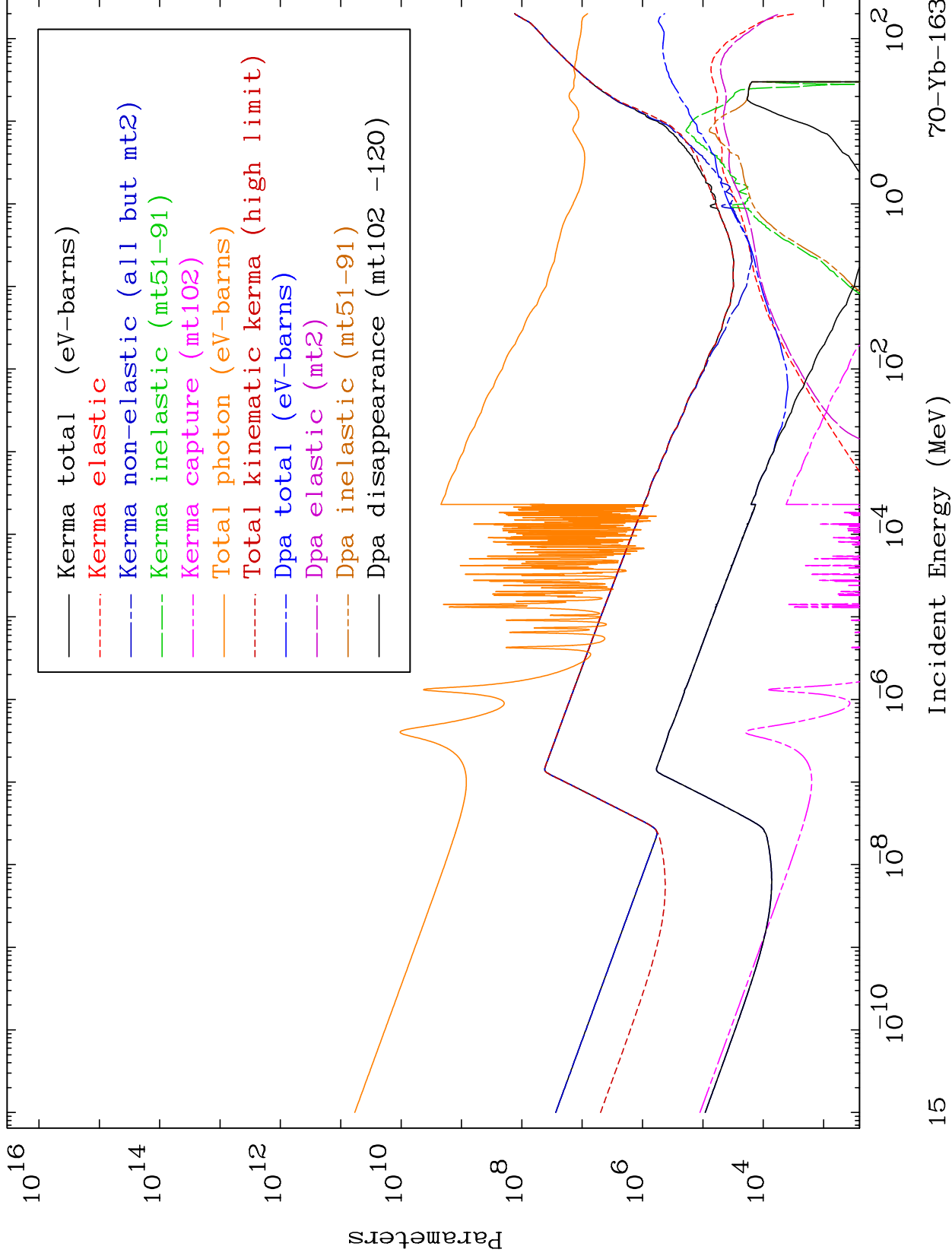
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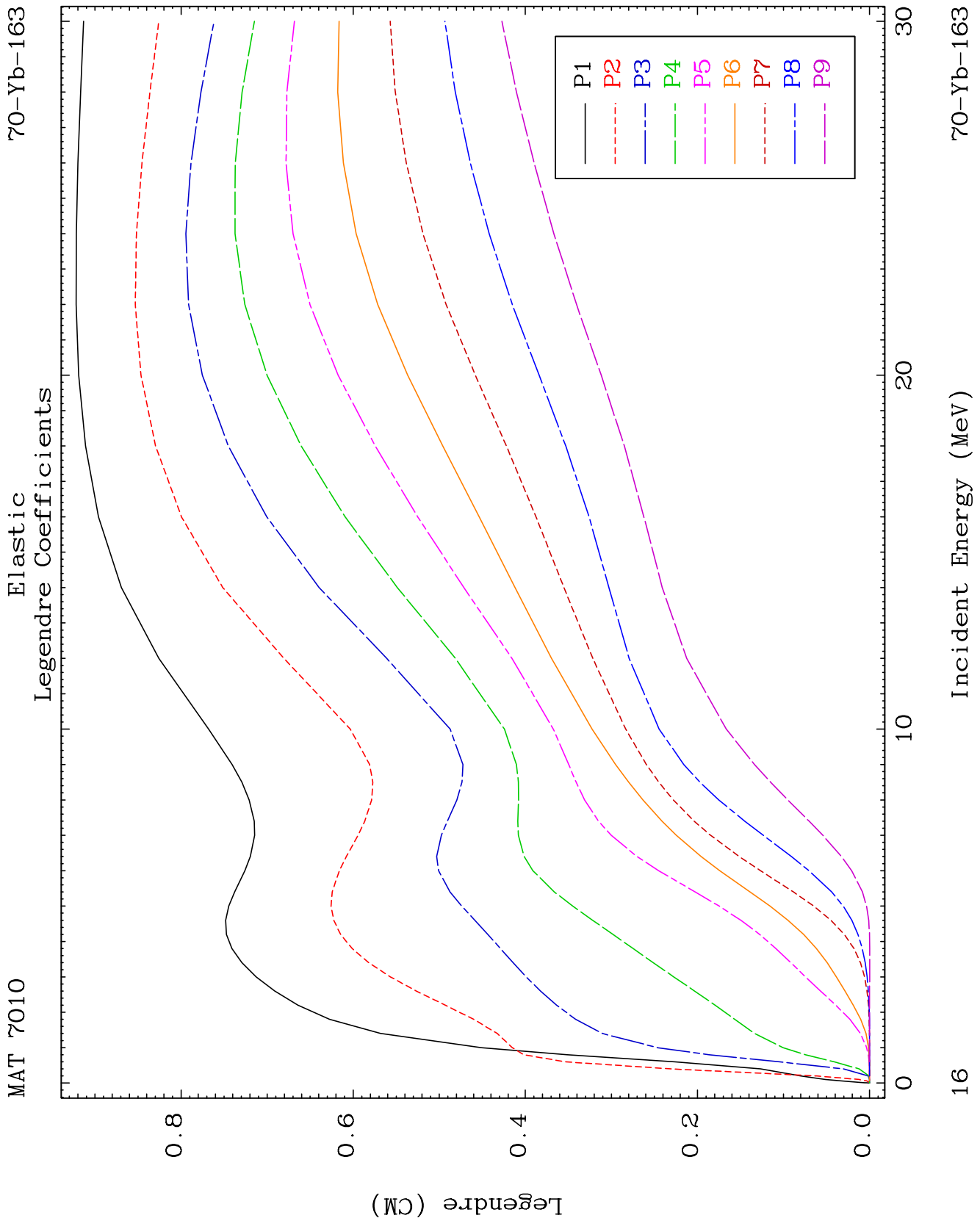
MAT 7010

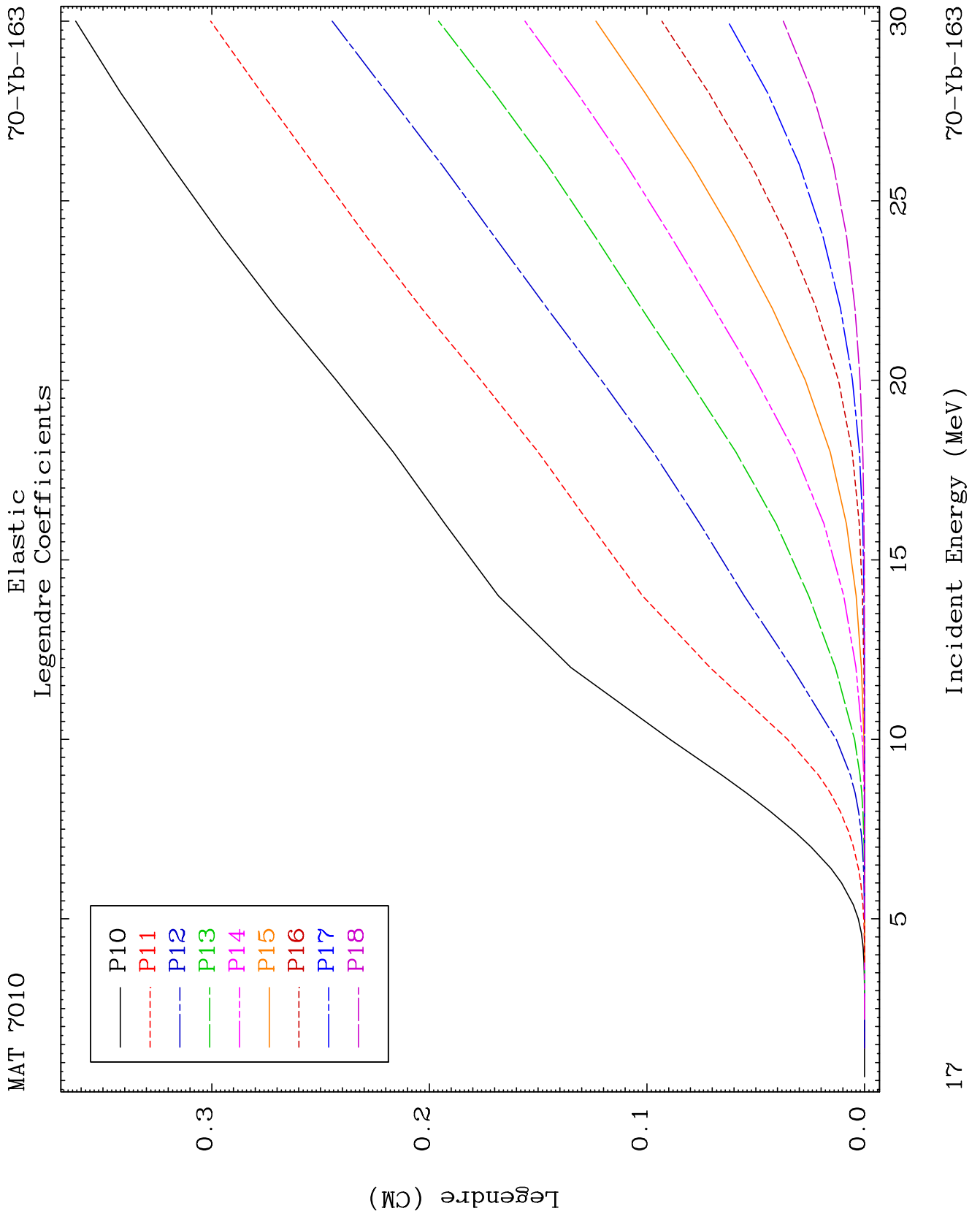
(n,α) Levels
293 Kelvin Cross Sections

70-Yb-163





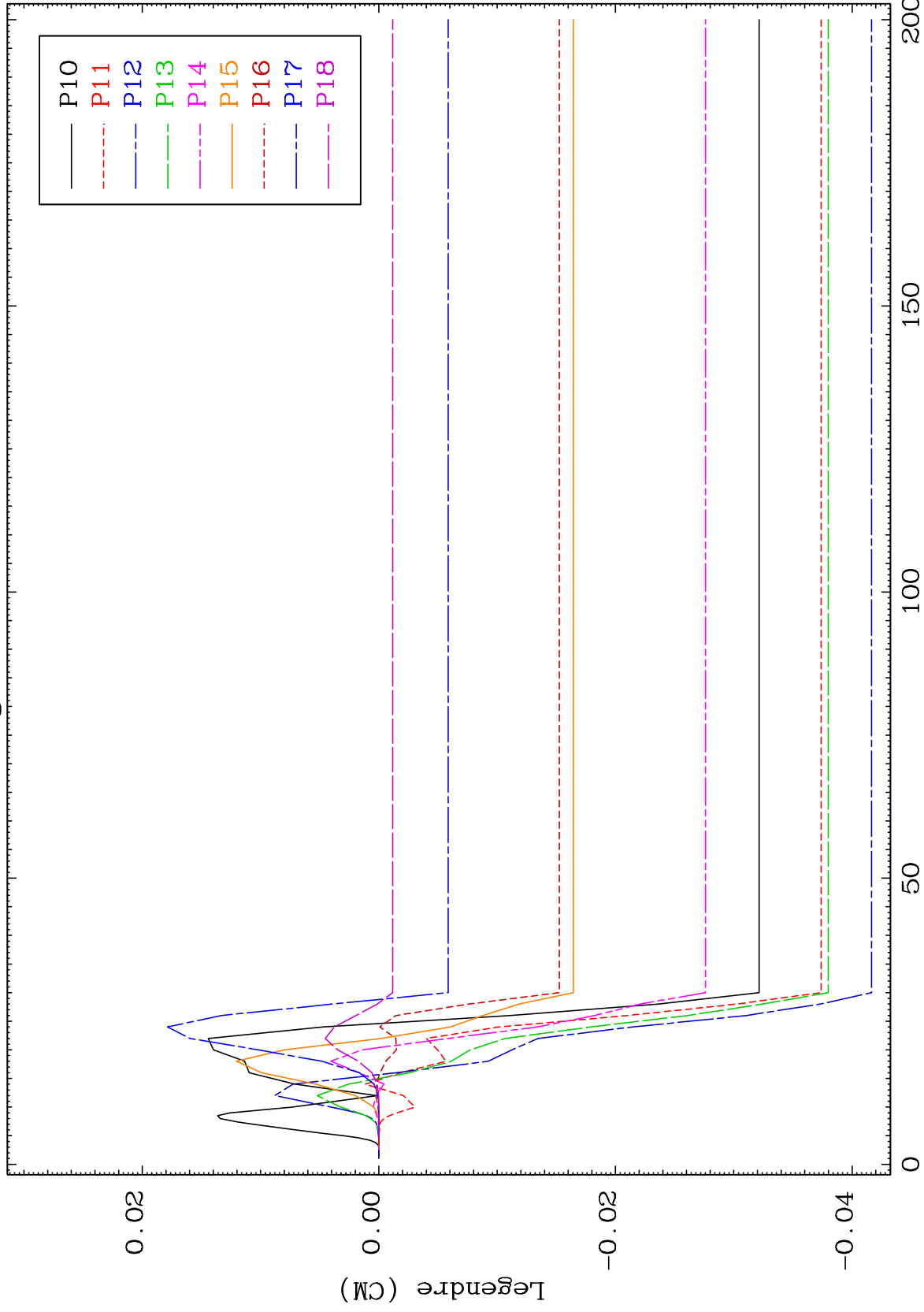




MAT 7010

53.88 keV (n,n') Level
Legendre Coefficients

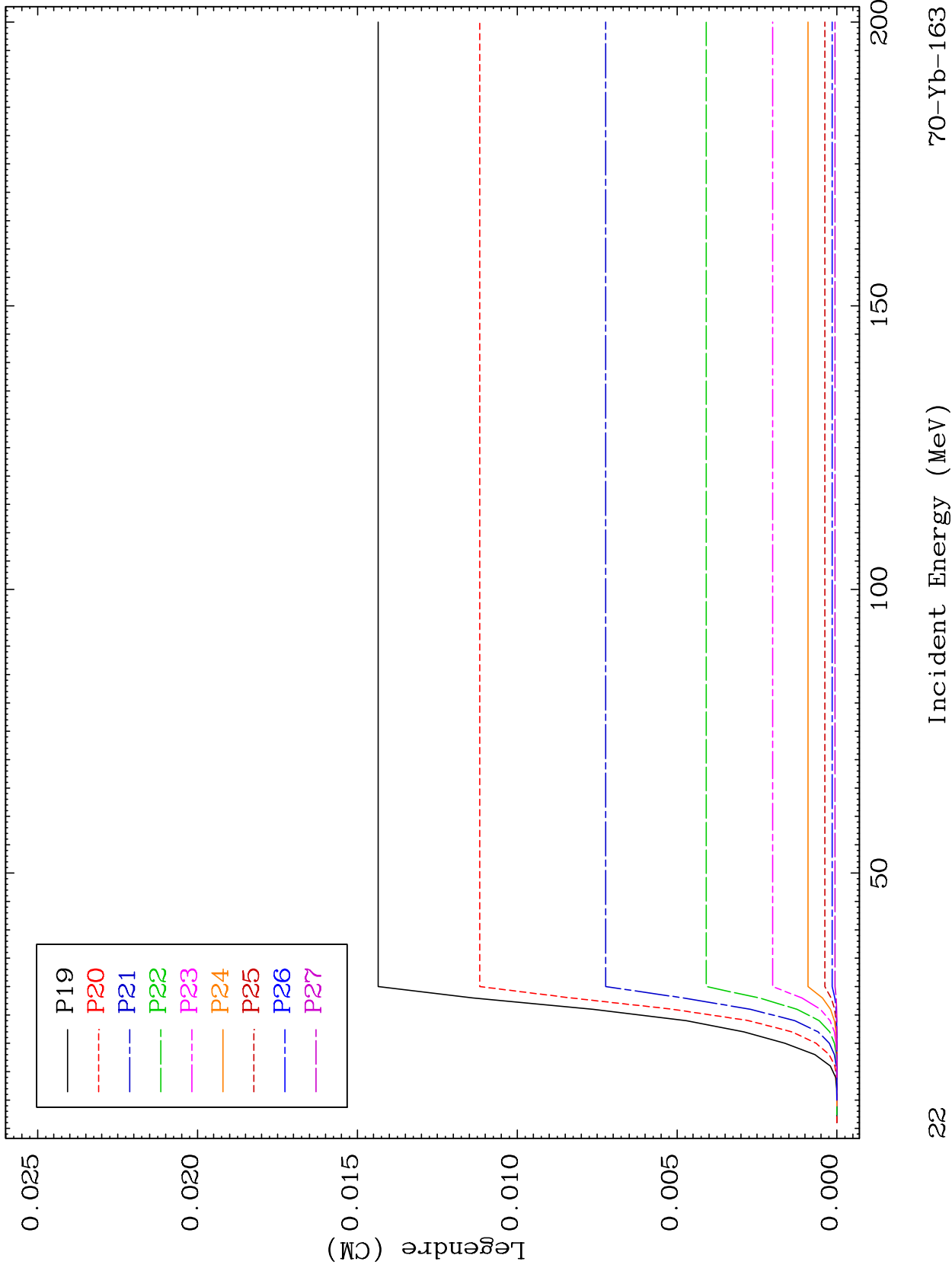
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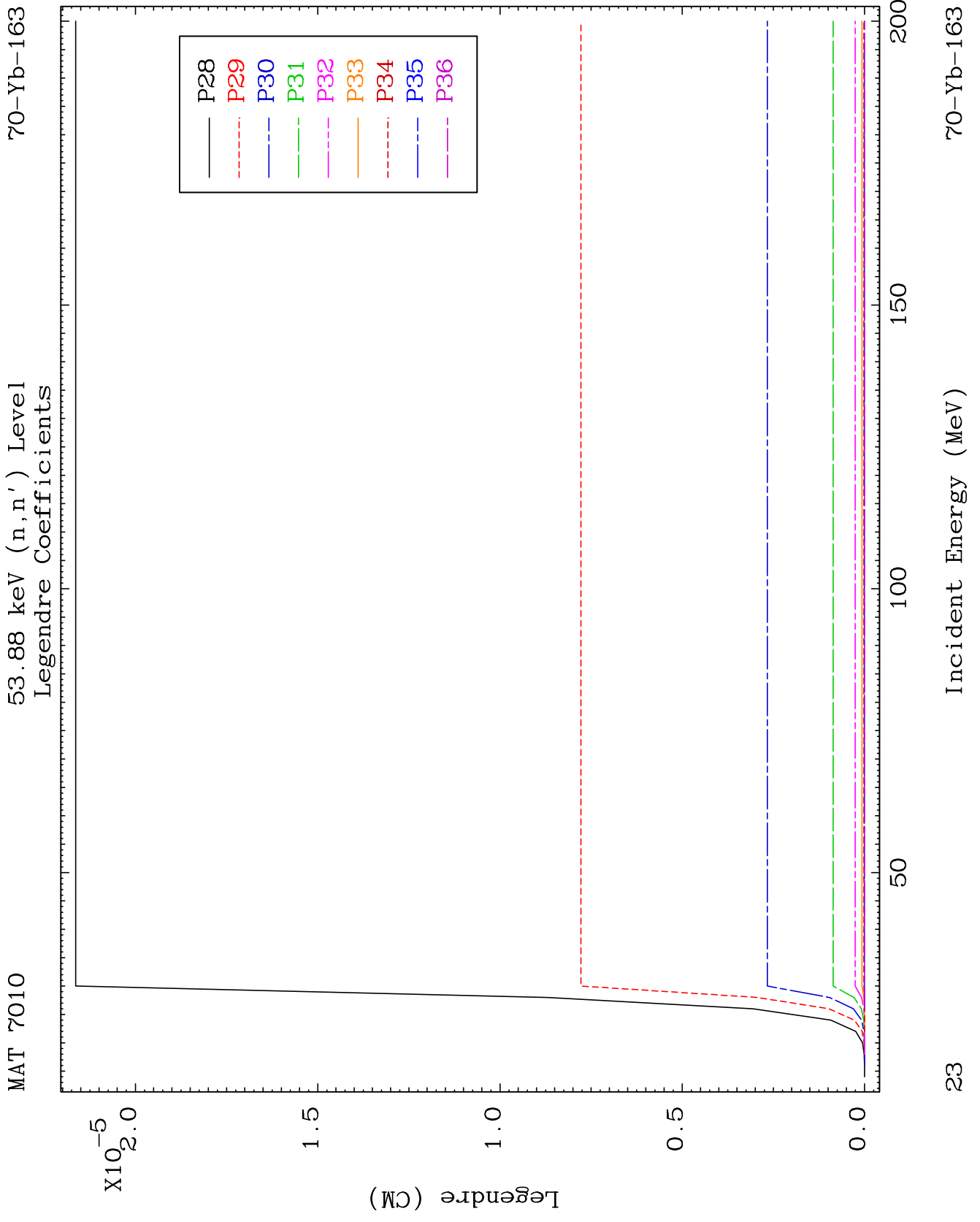


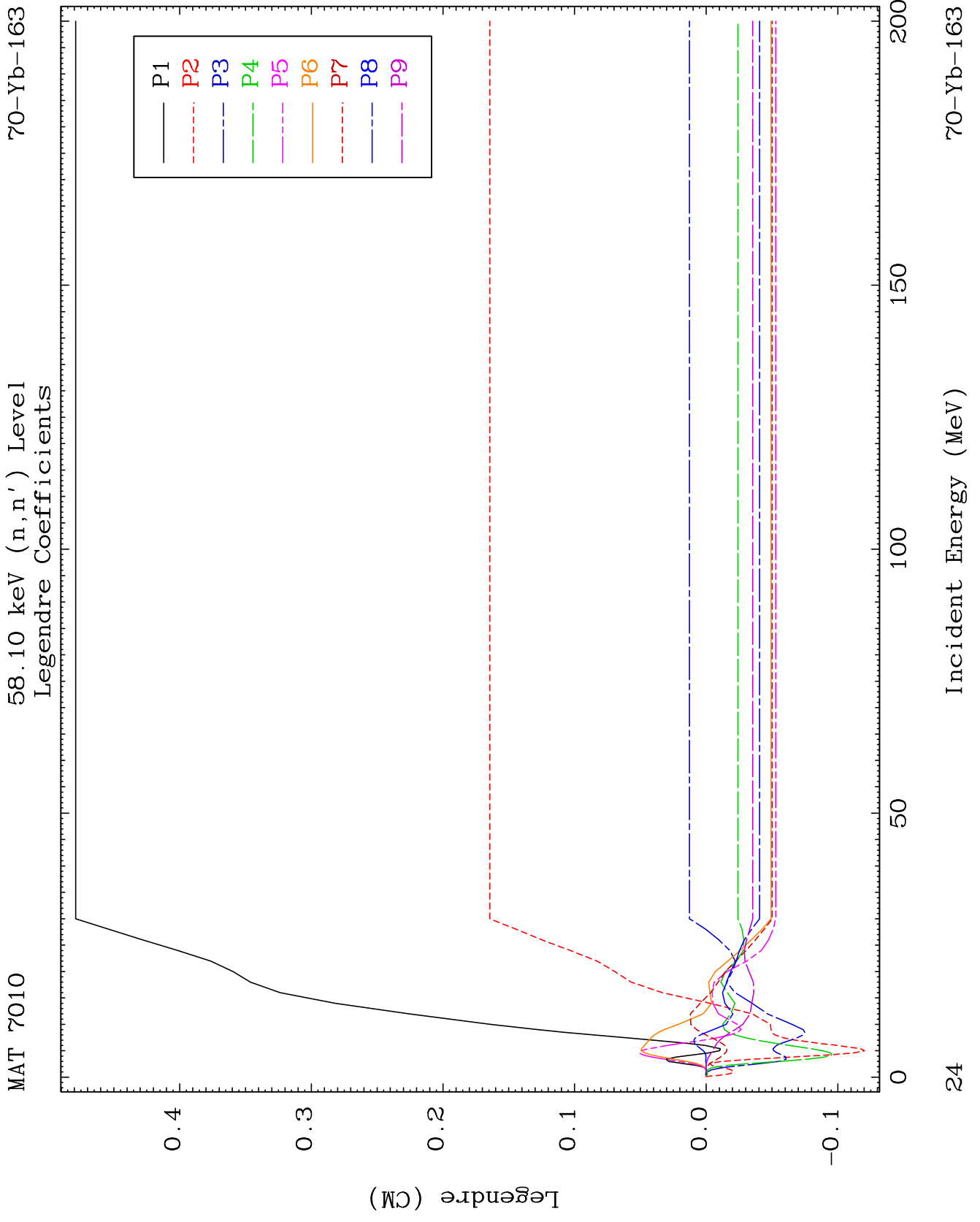
21

Incident Energy (MeV)

70-Yb-163



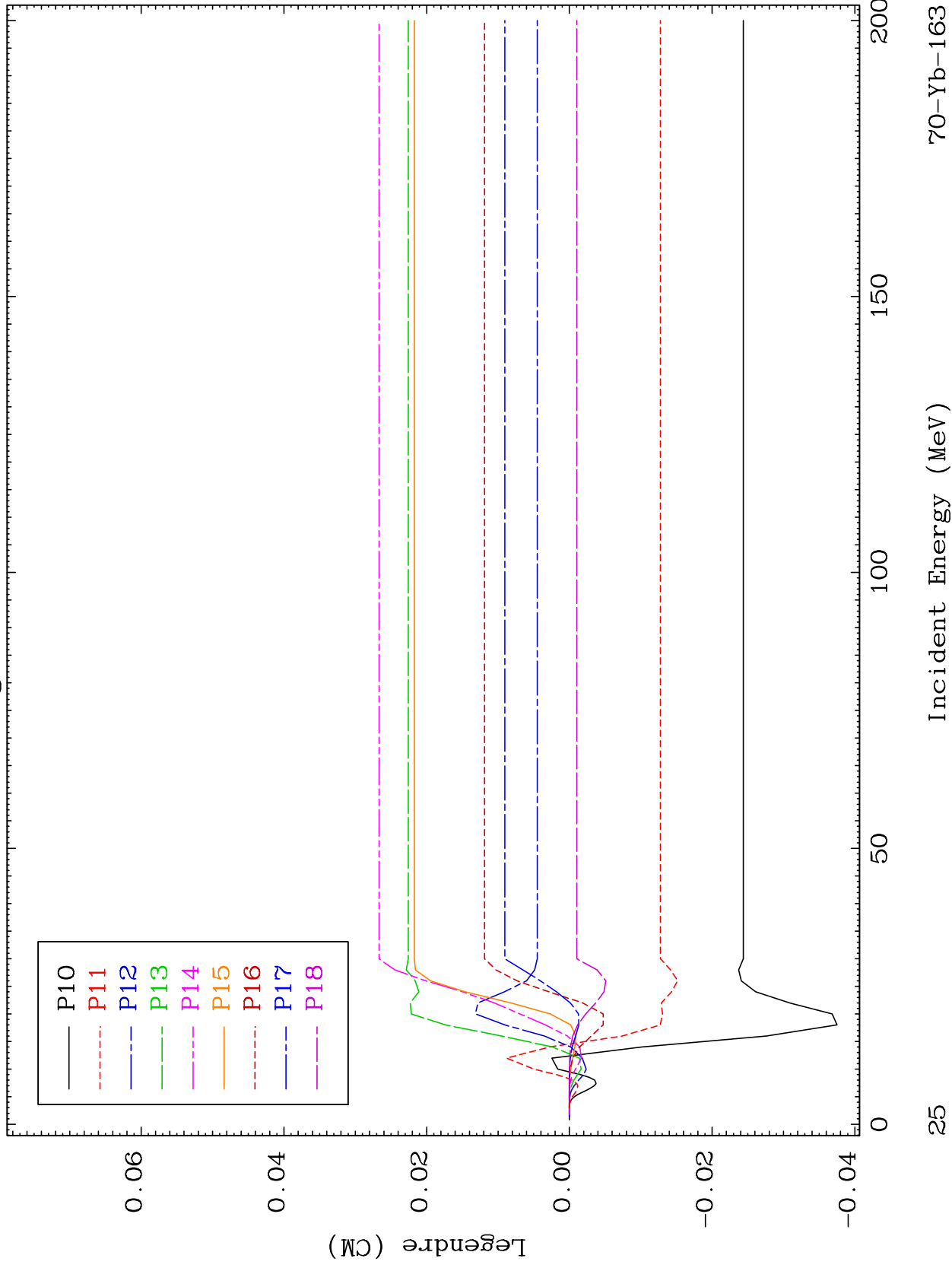




MAT 7010

58.10 keV (n,n') Level
Legendre Coefficients

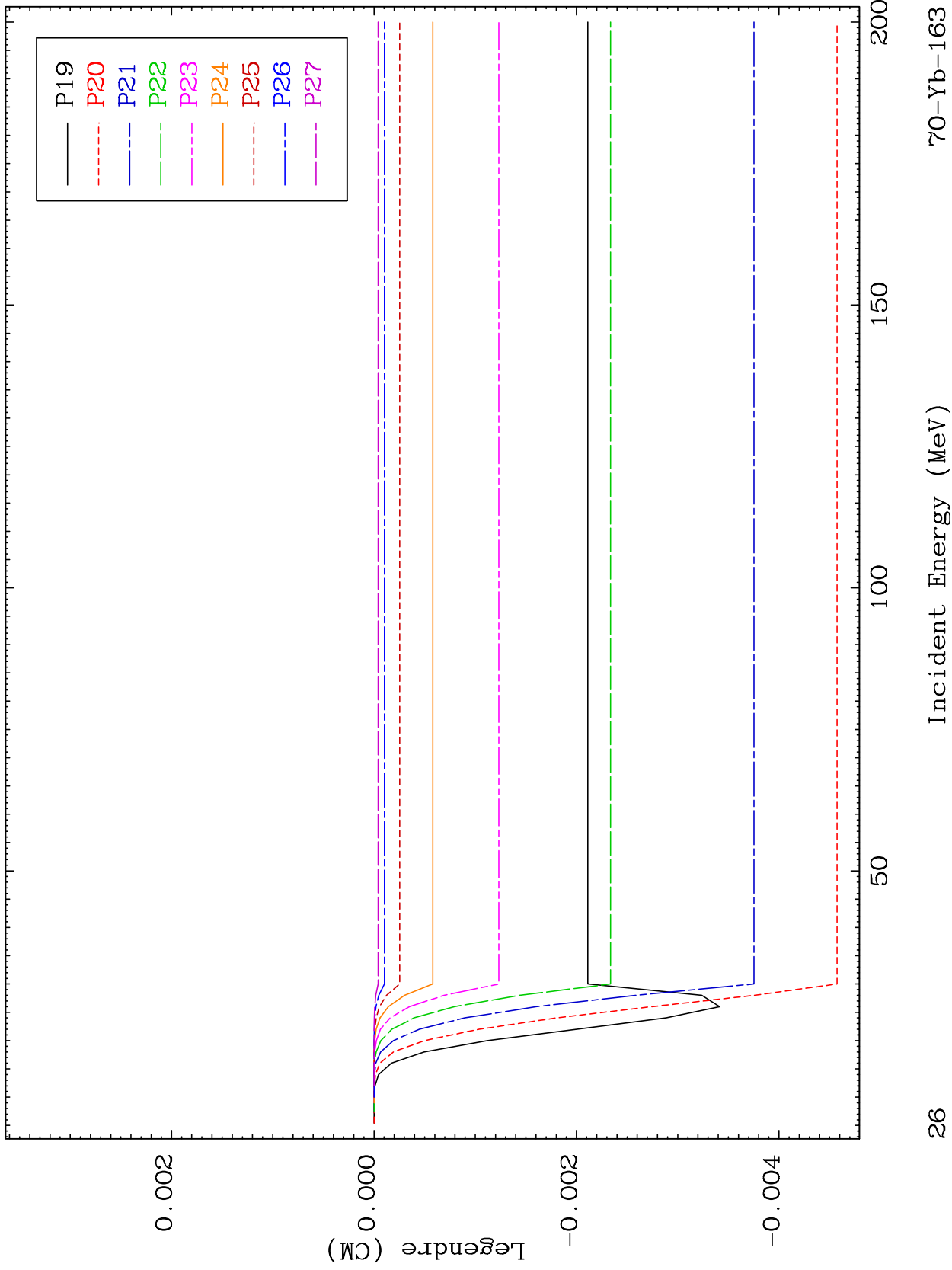
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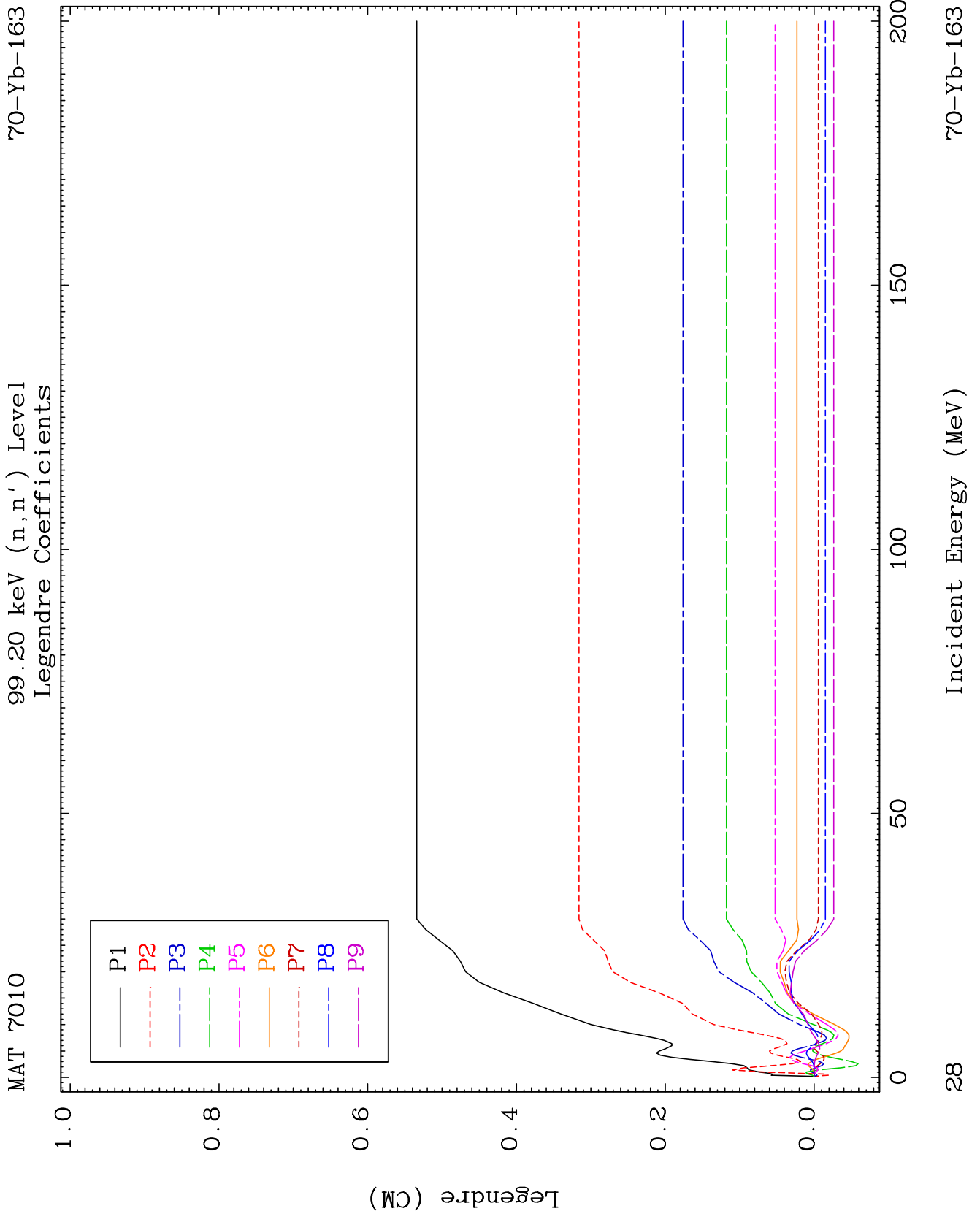


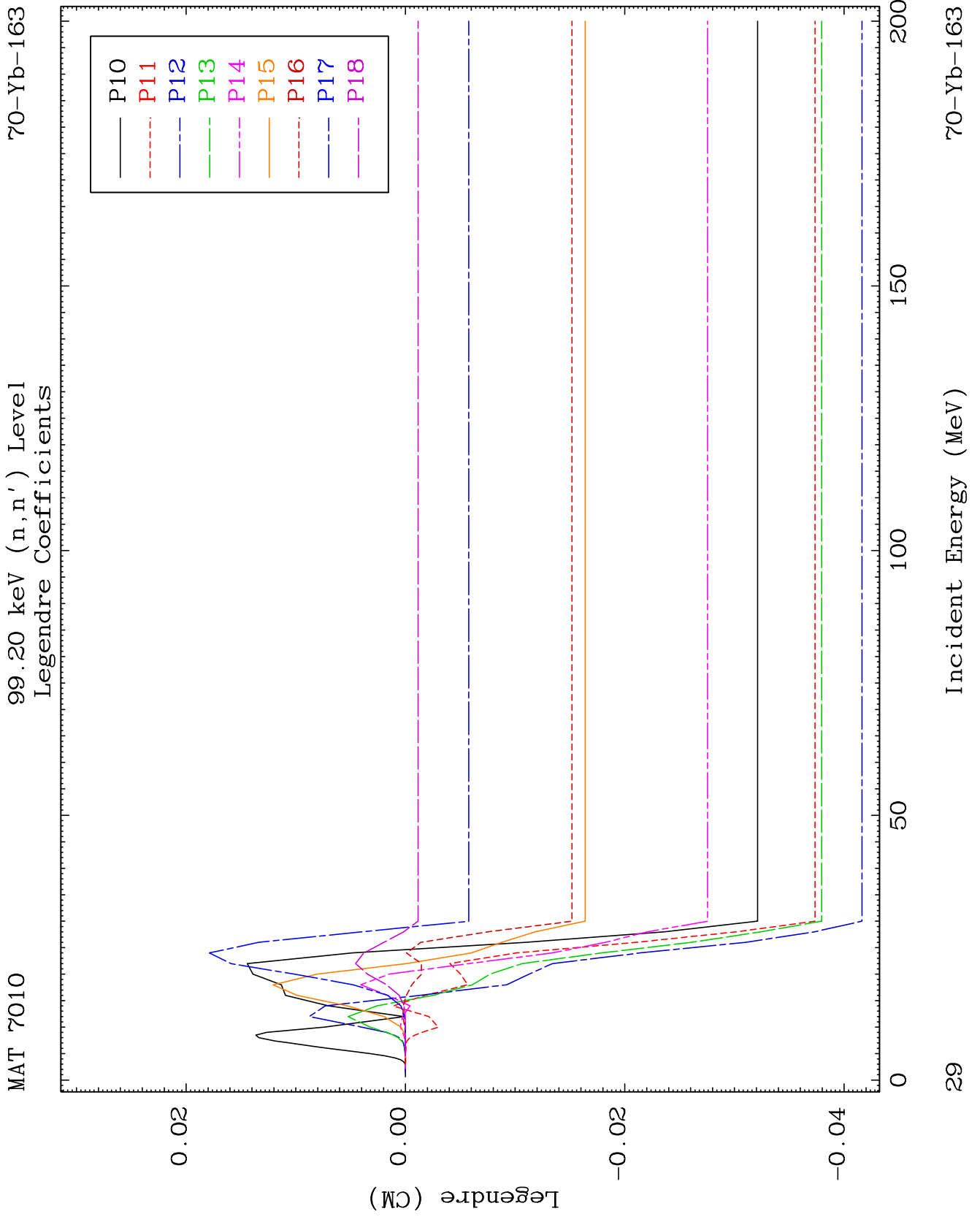
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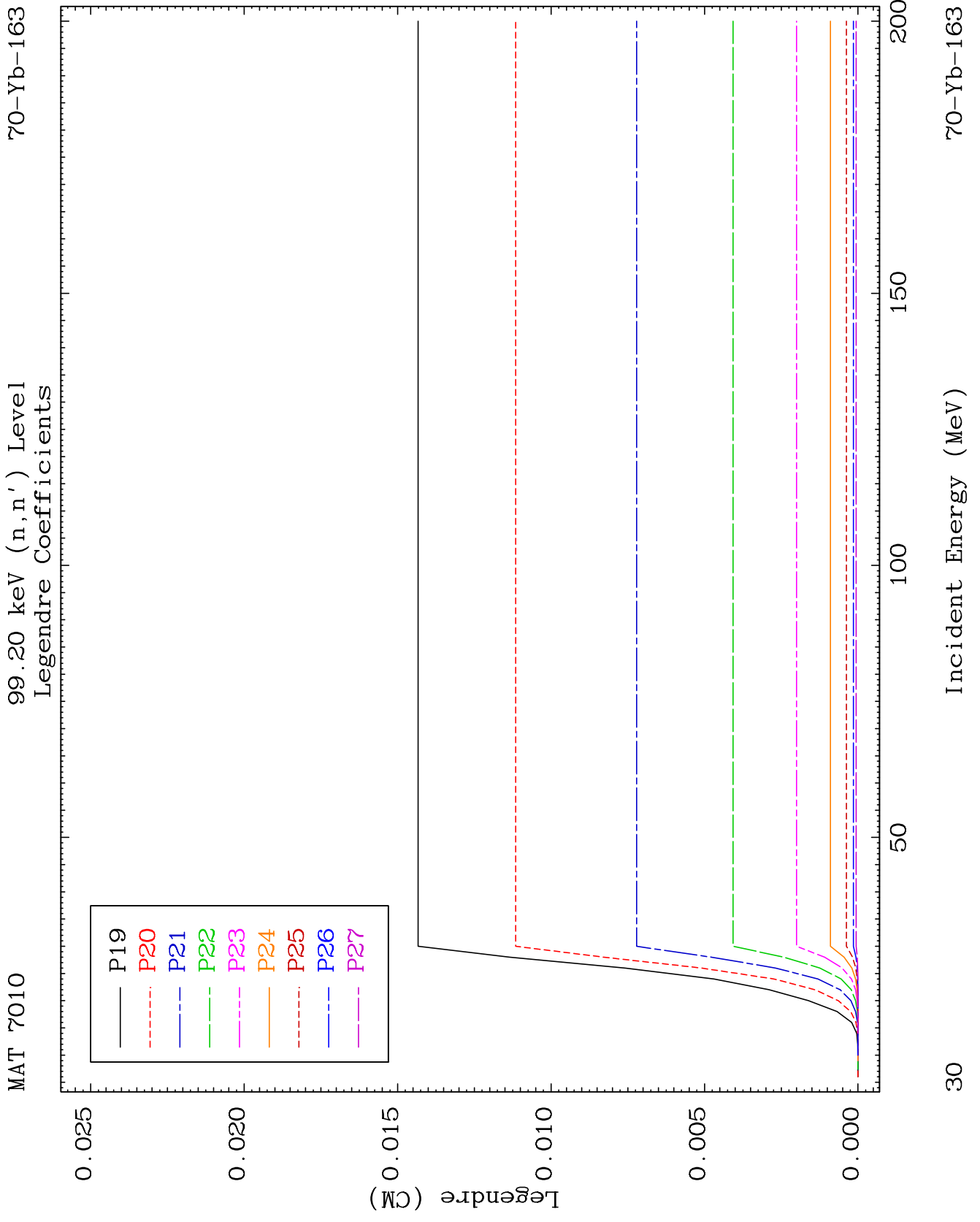
Incident Energy (MeV)

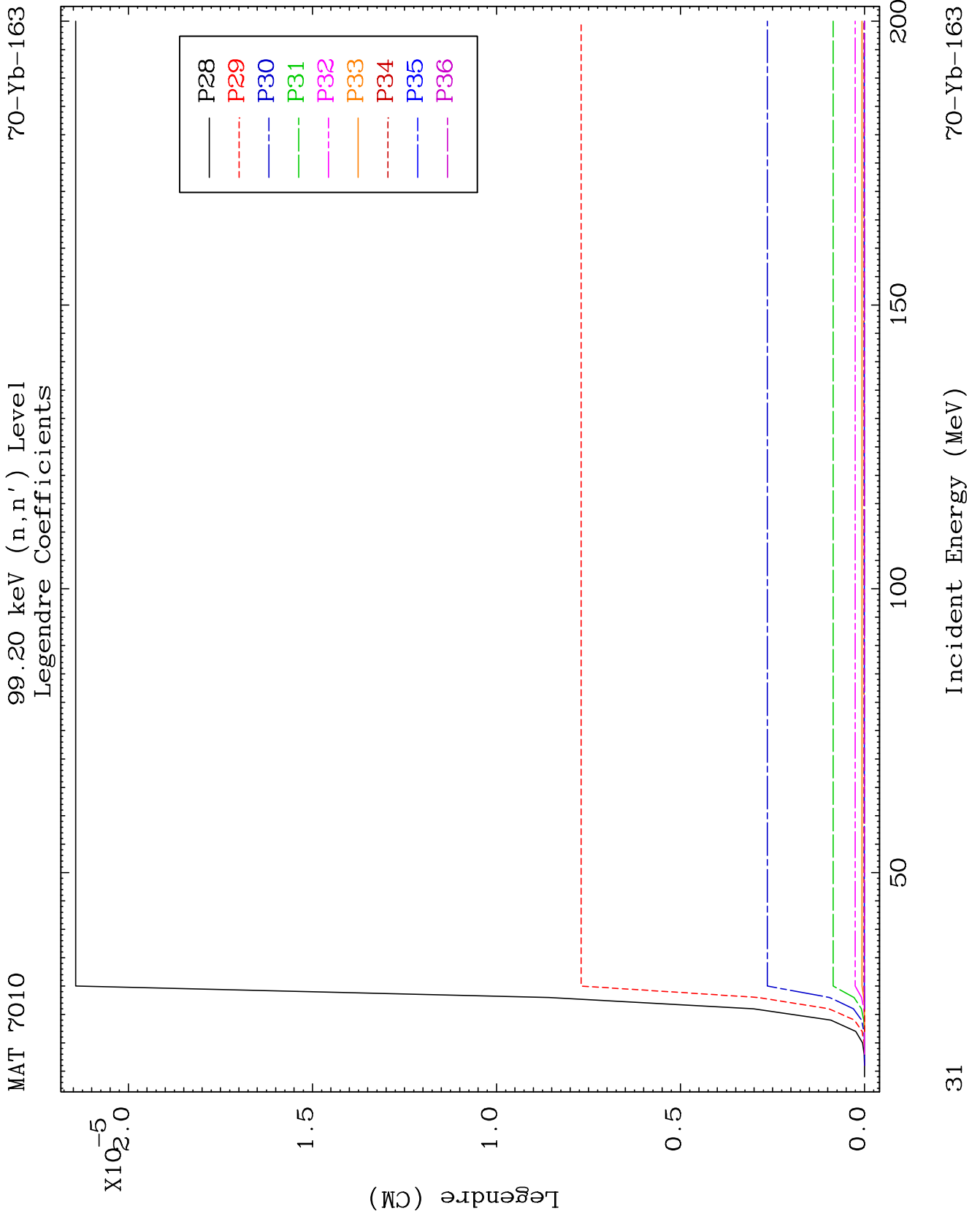
25







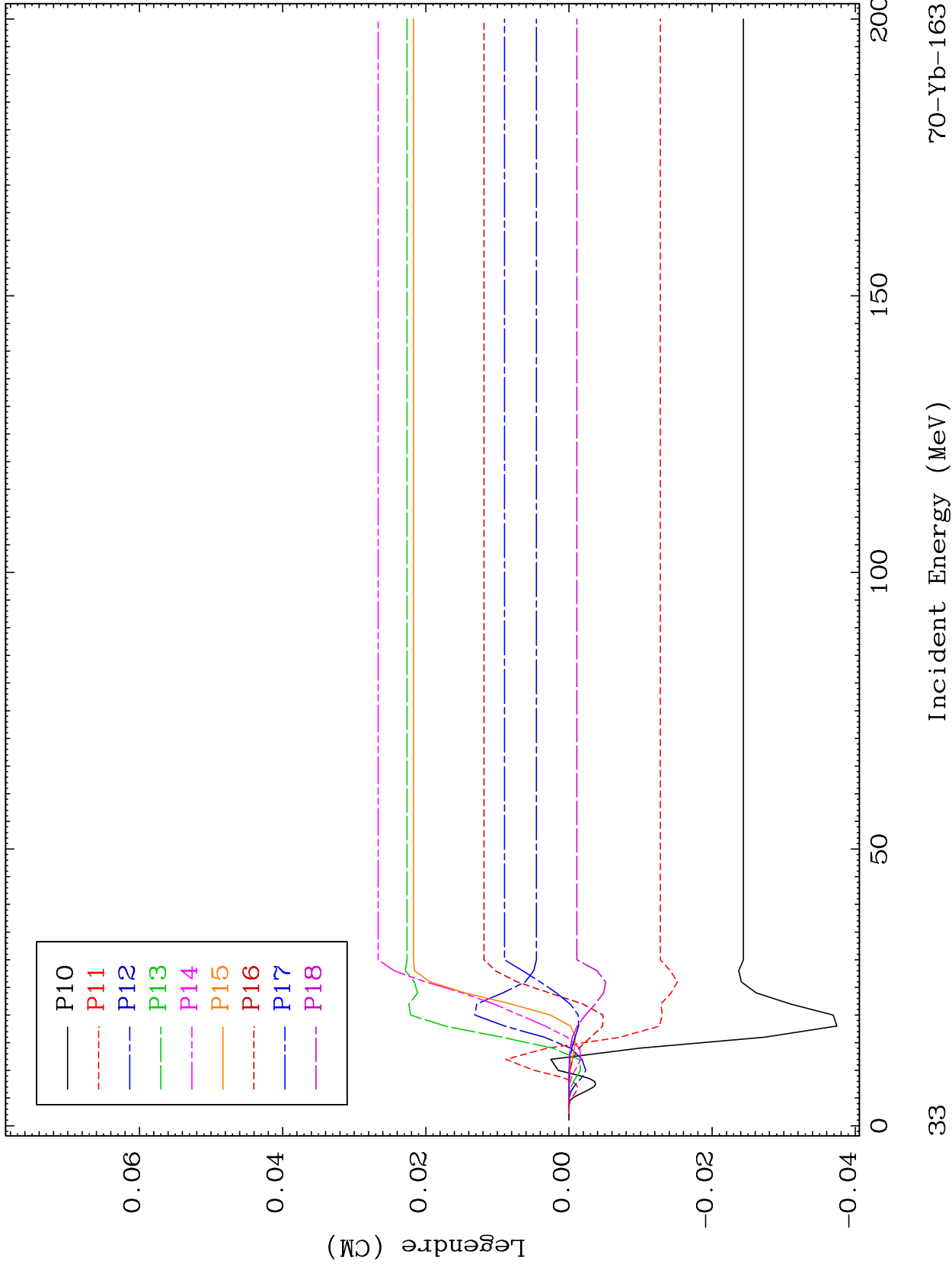




MAT 7010

124.0 keV (n,n') Level
Legendre Coefficients

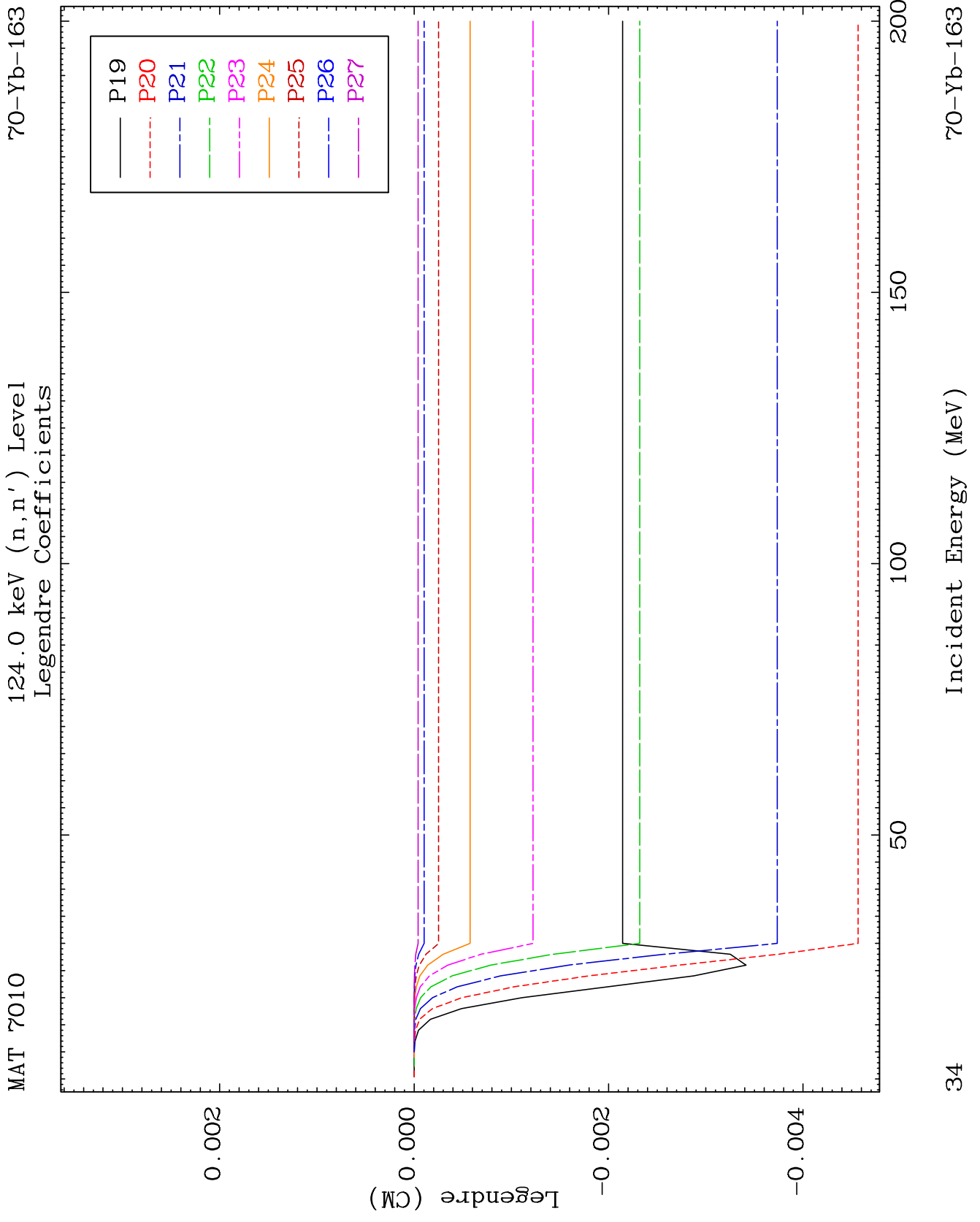
70-Yb-163

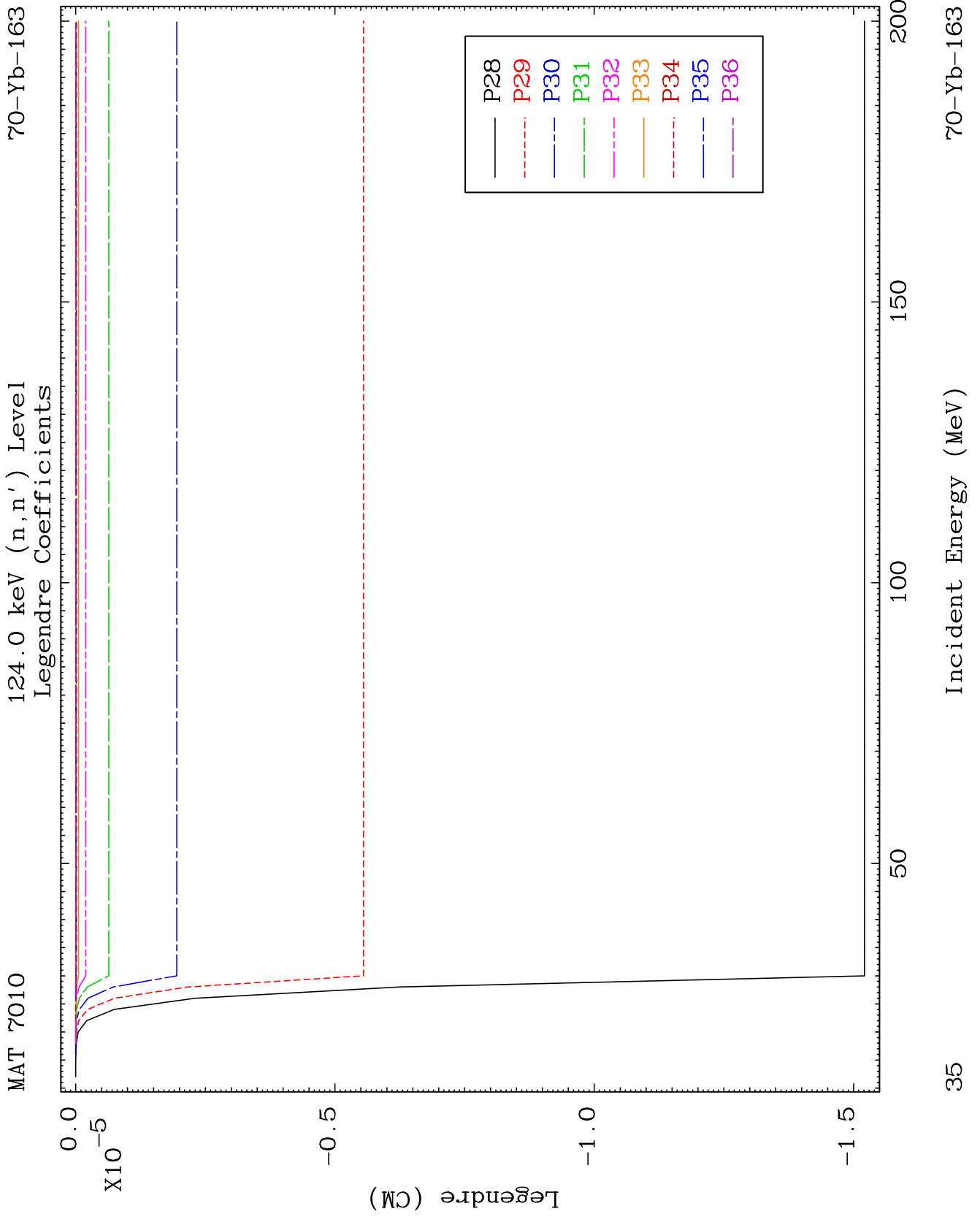


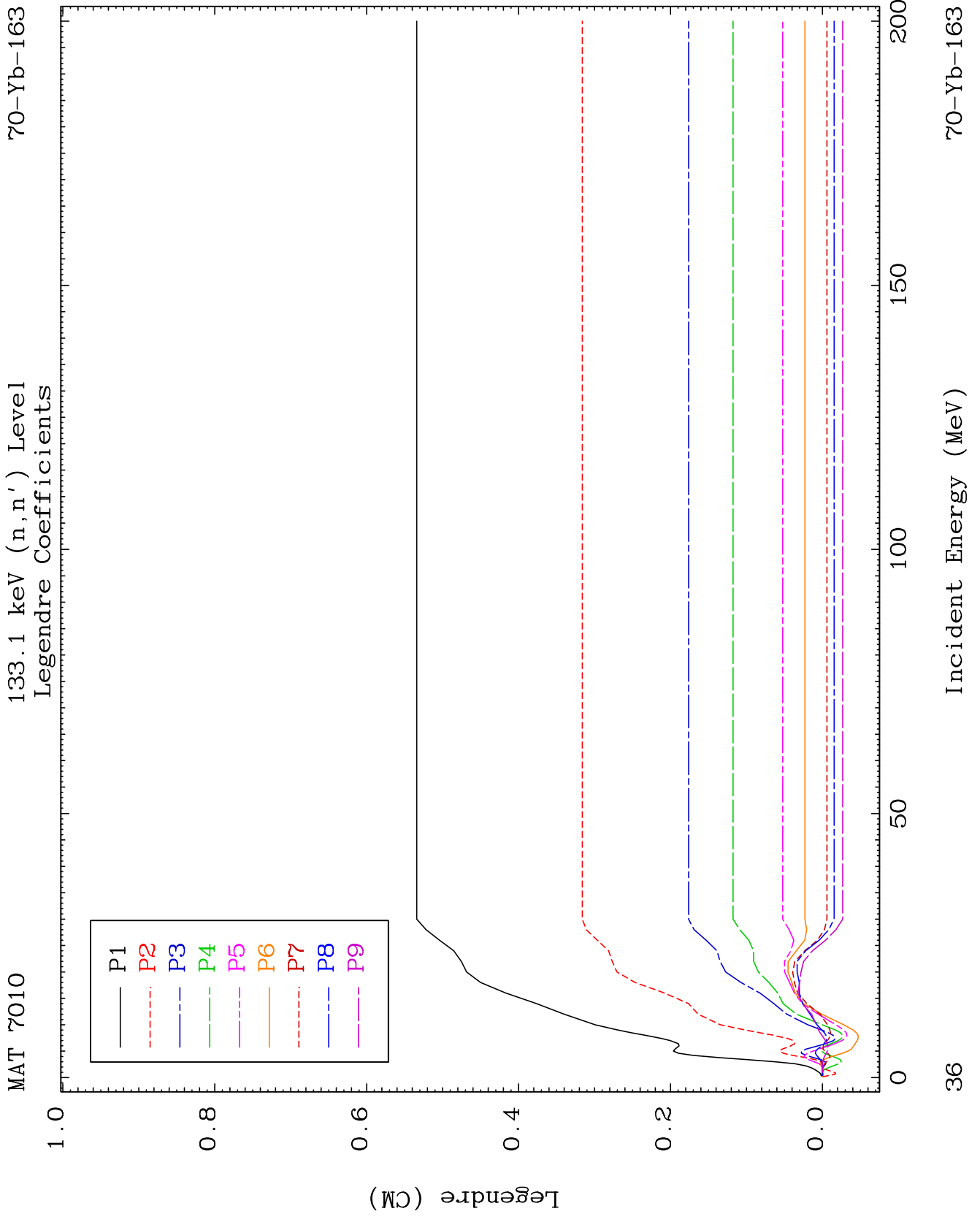
33

Incident Energy (MeV)

70-Yb-163



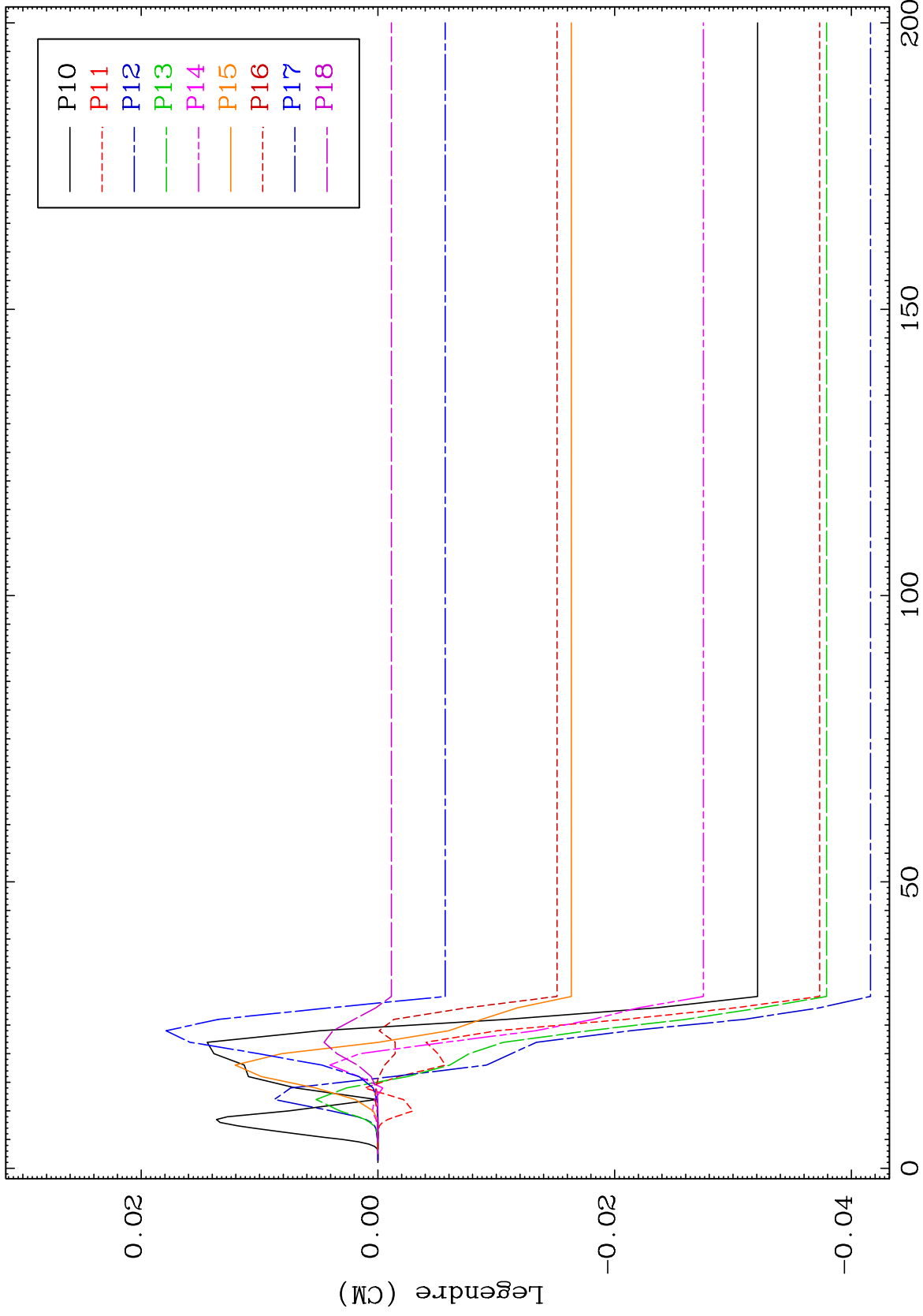




MAT 7010

133.1 keV (n,n') Level
Legendre Coefficients

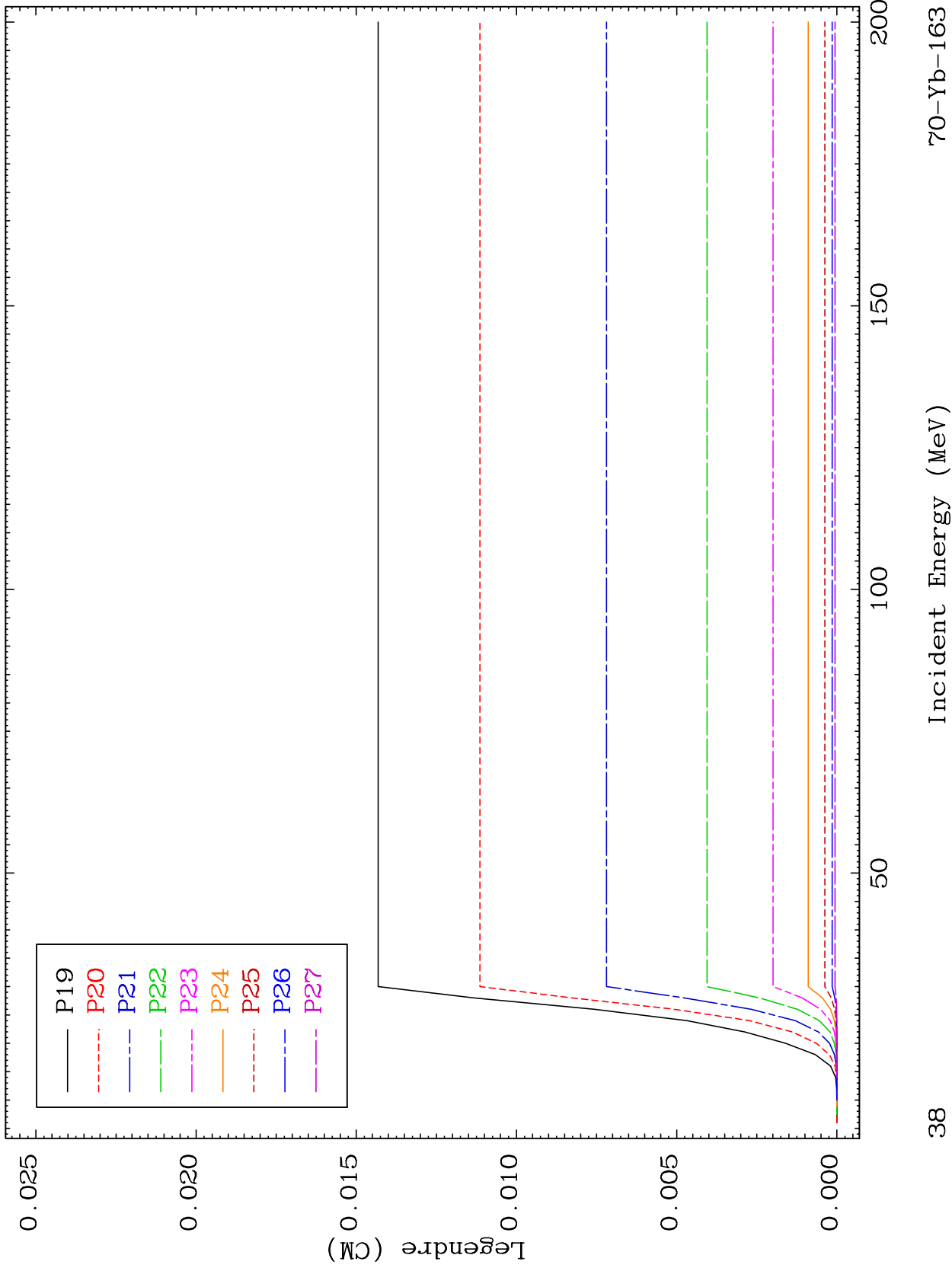
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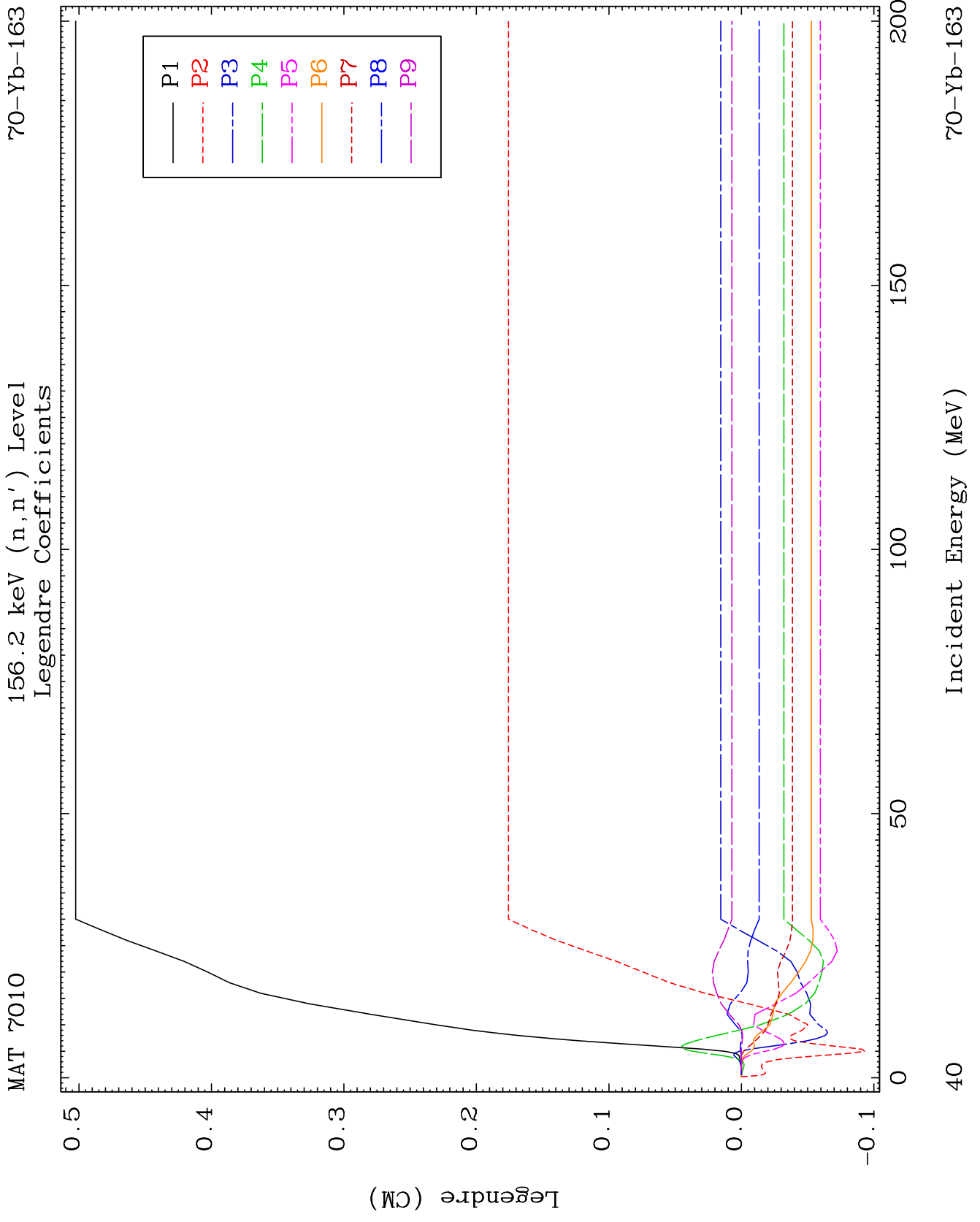


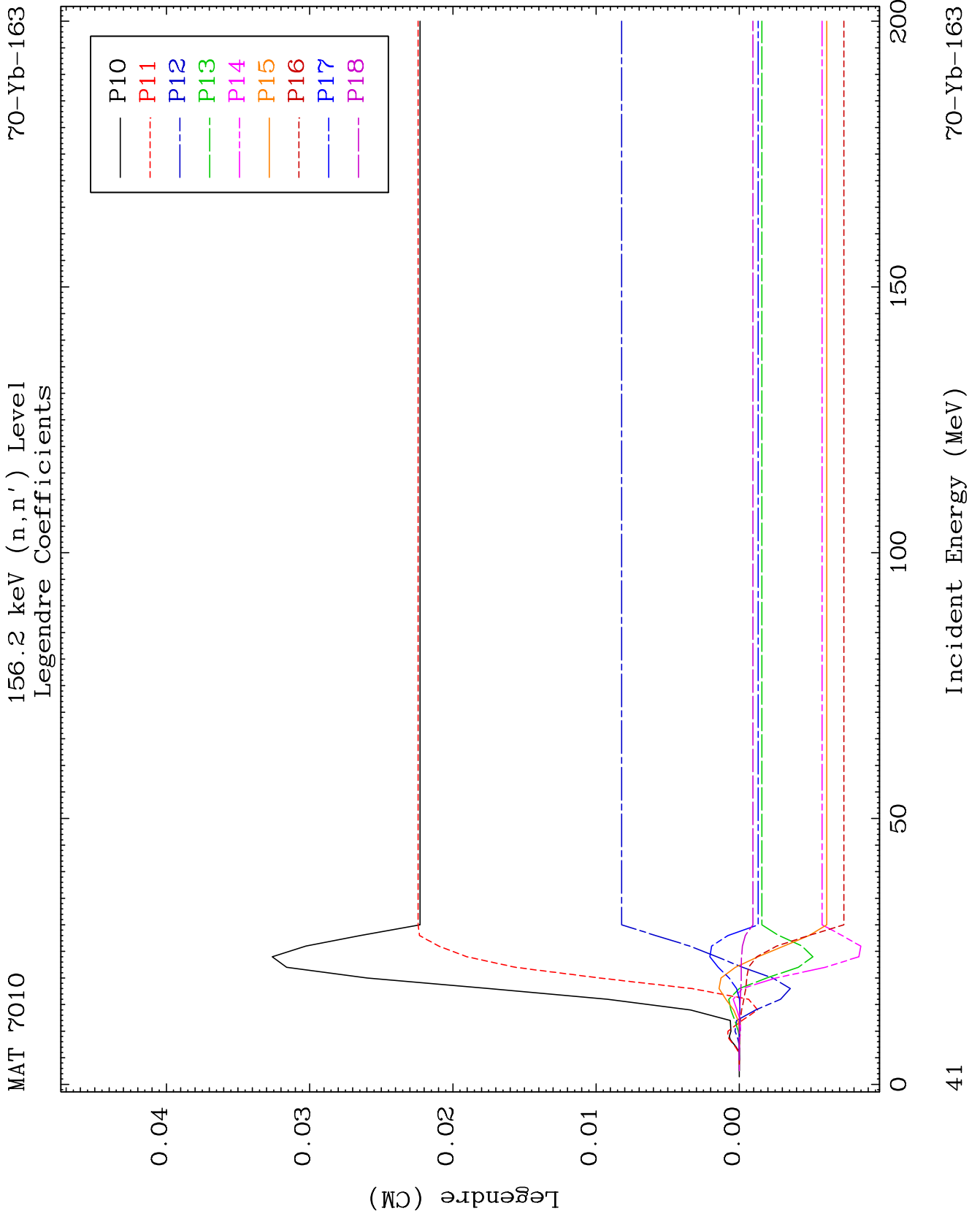
37

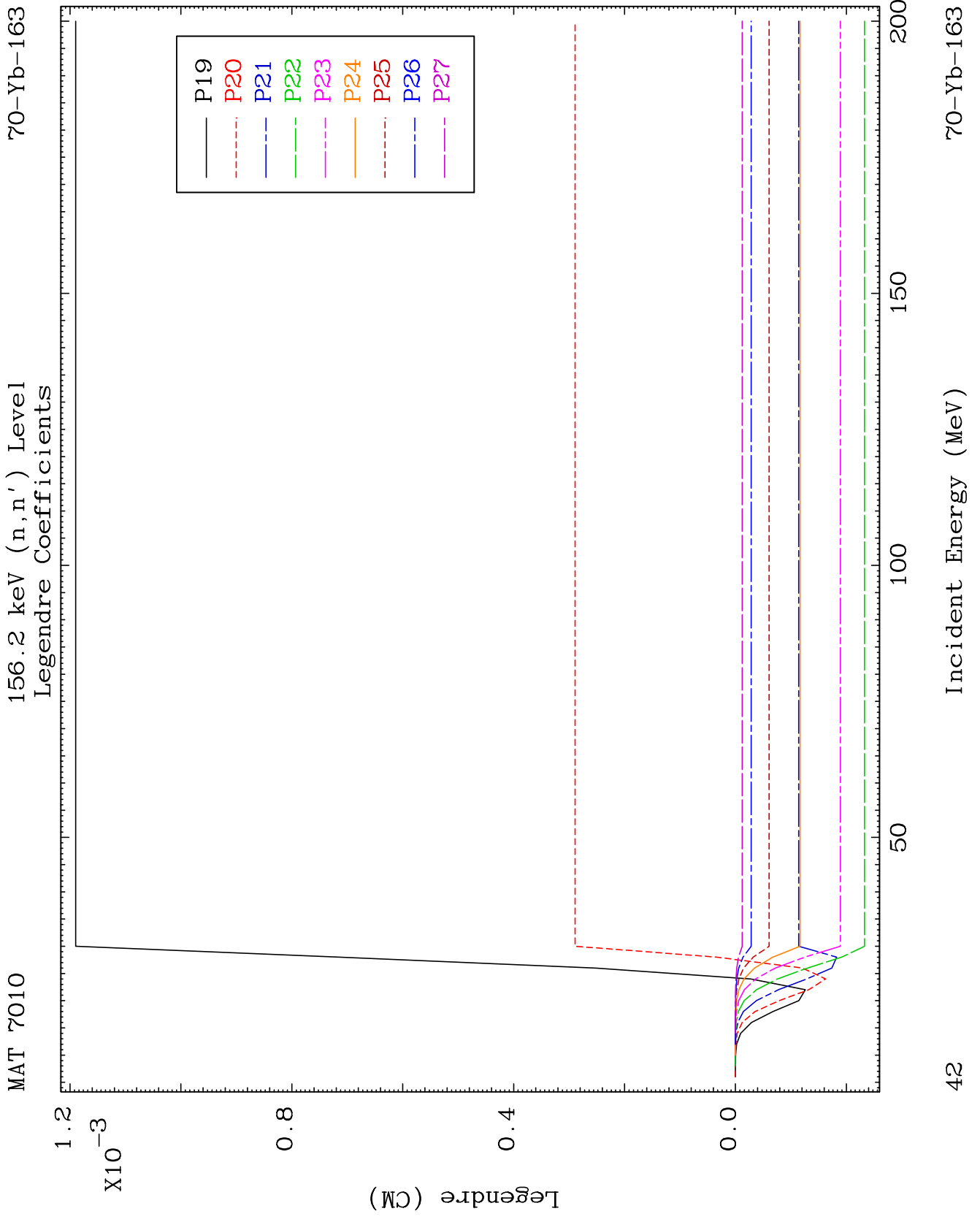
Incident Energy (MeV)

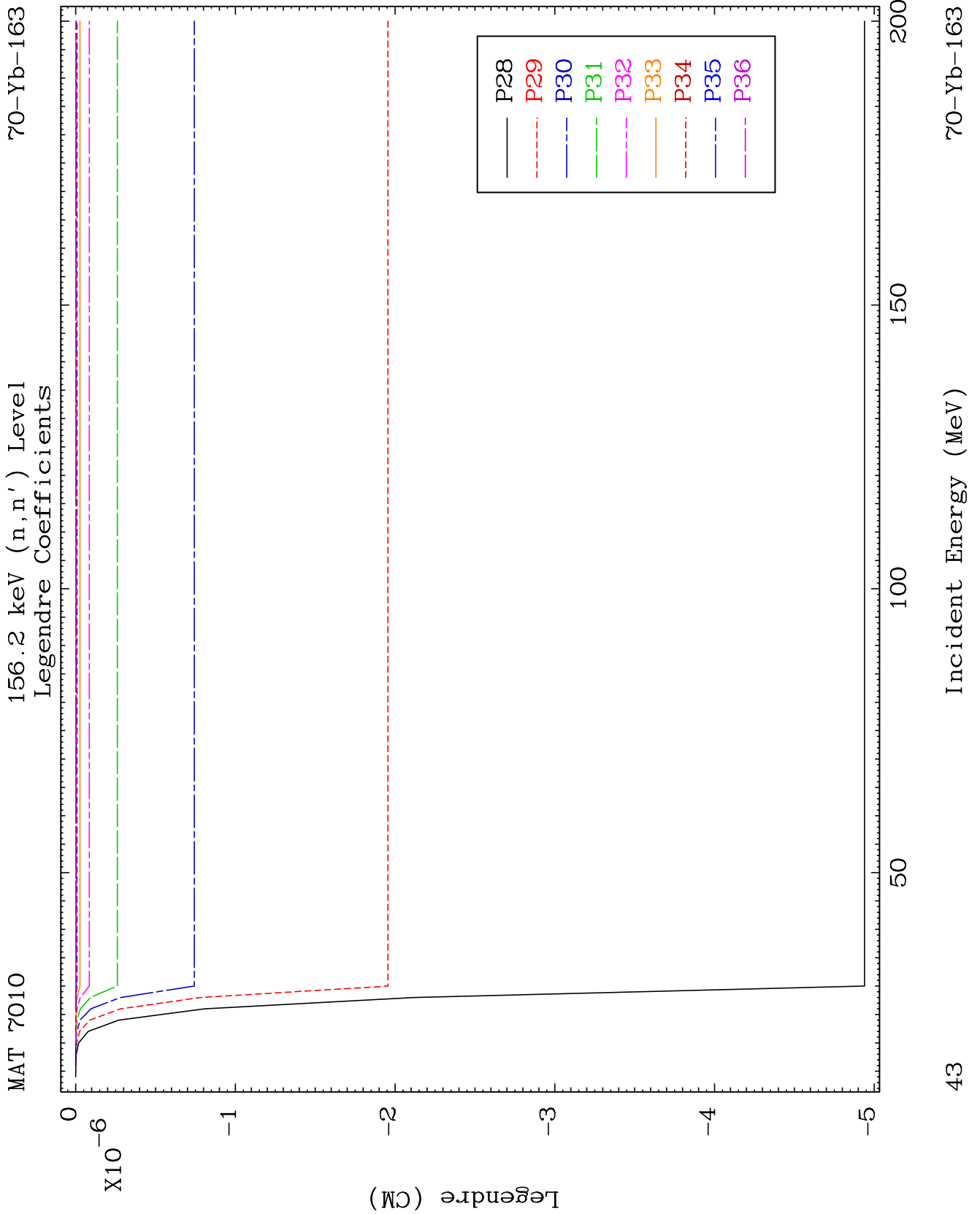
70-Yb-163

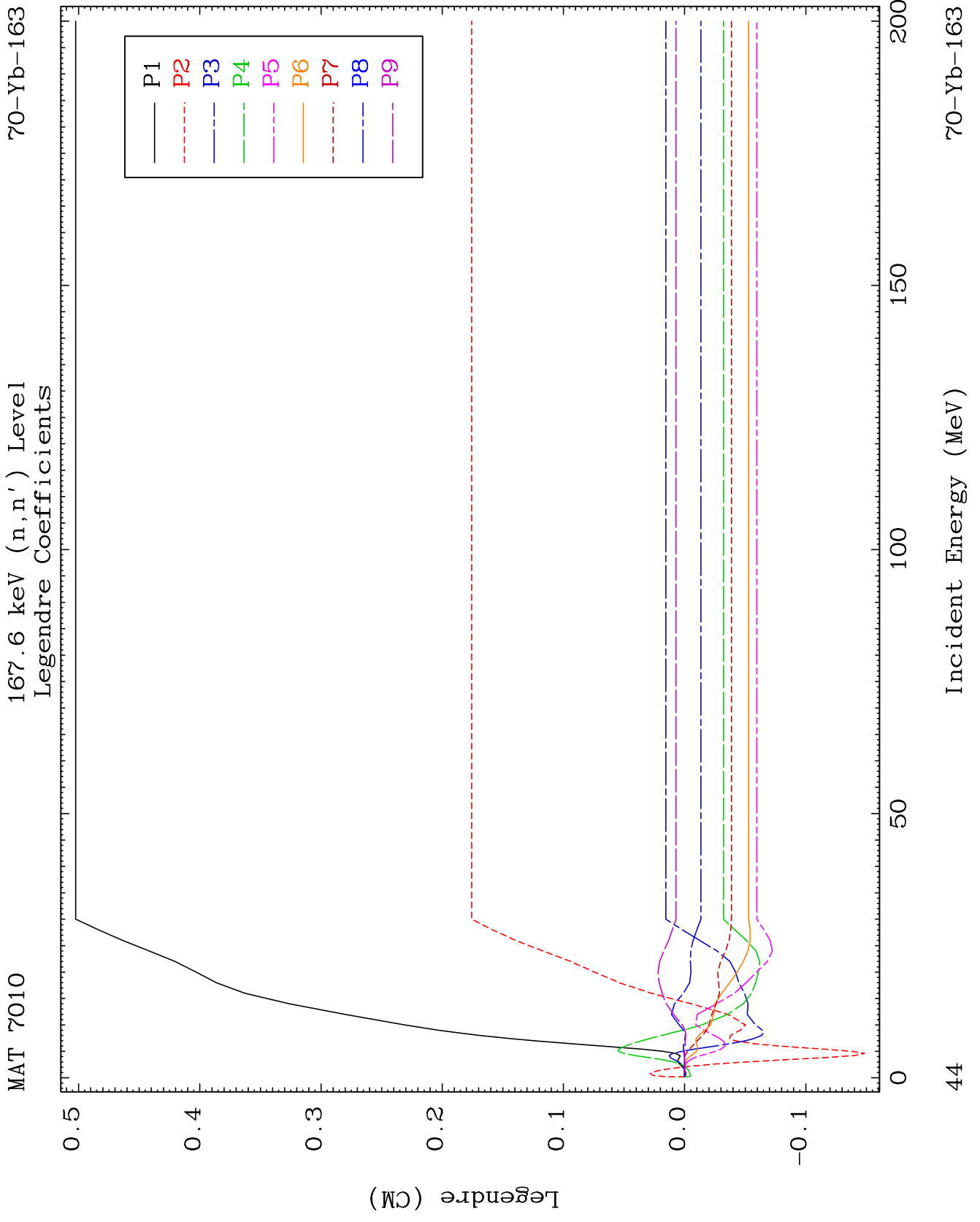


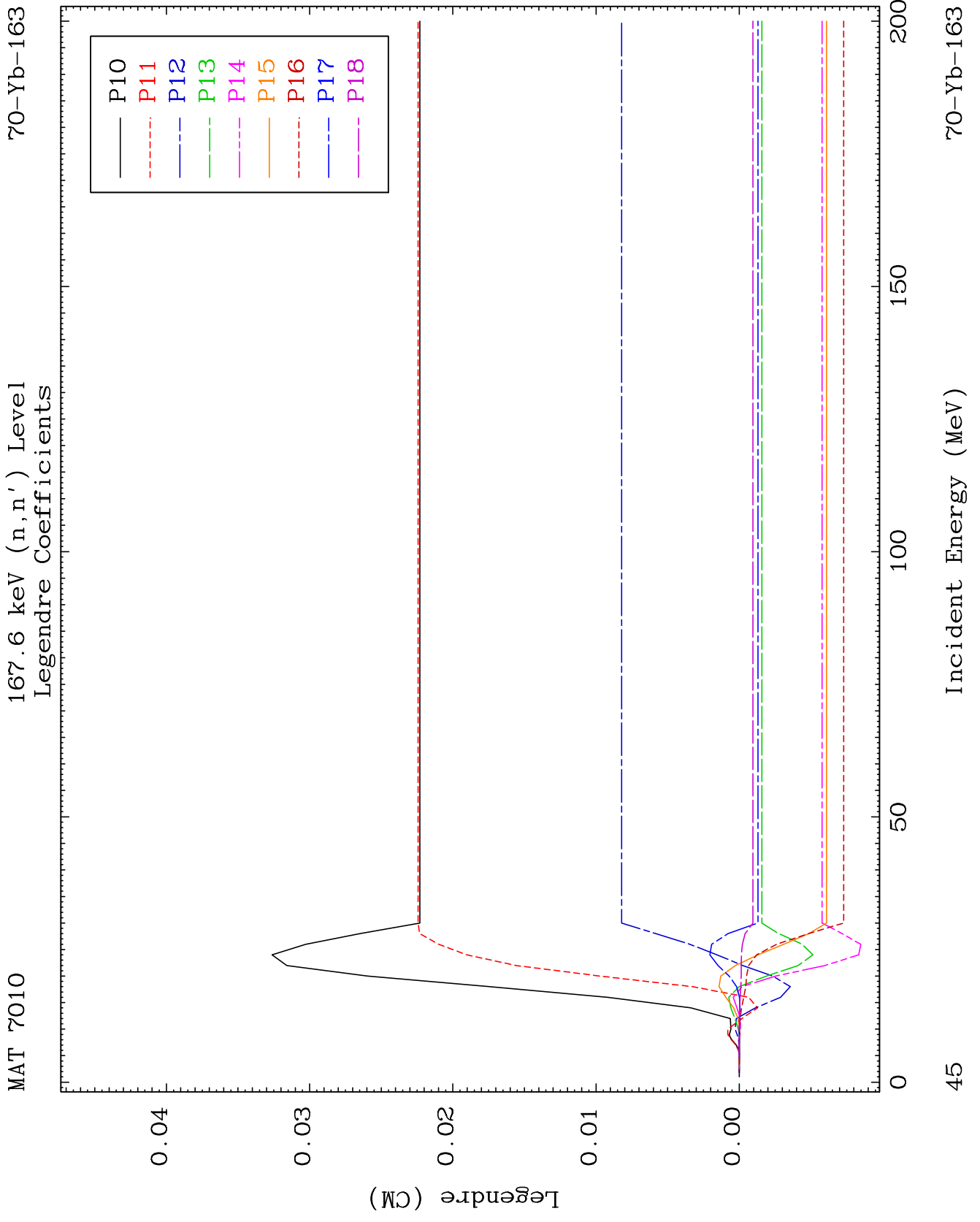


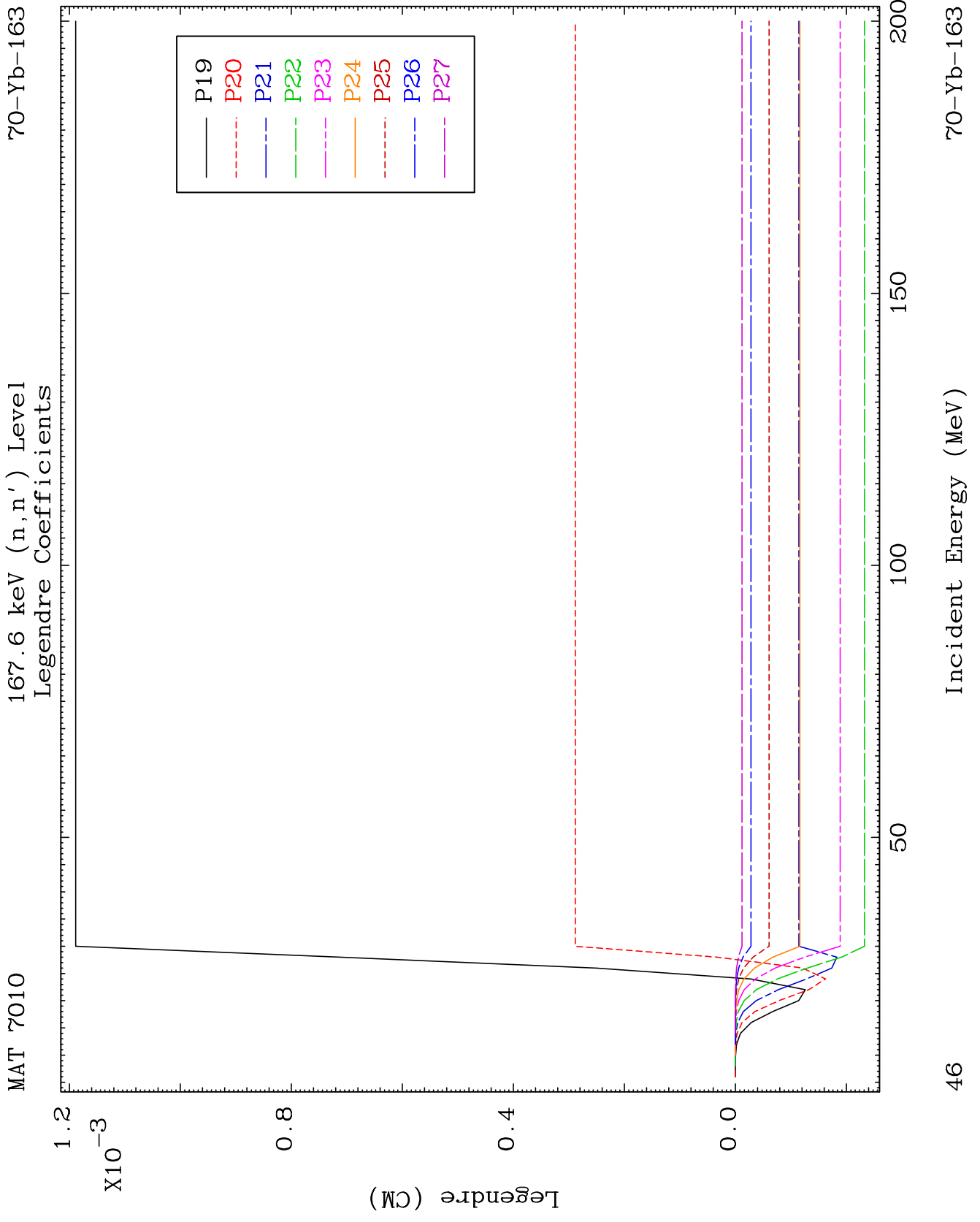


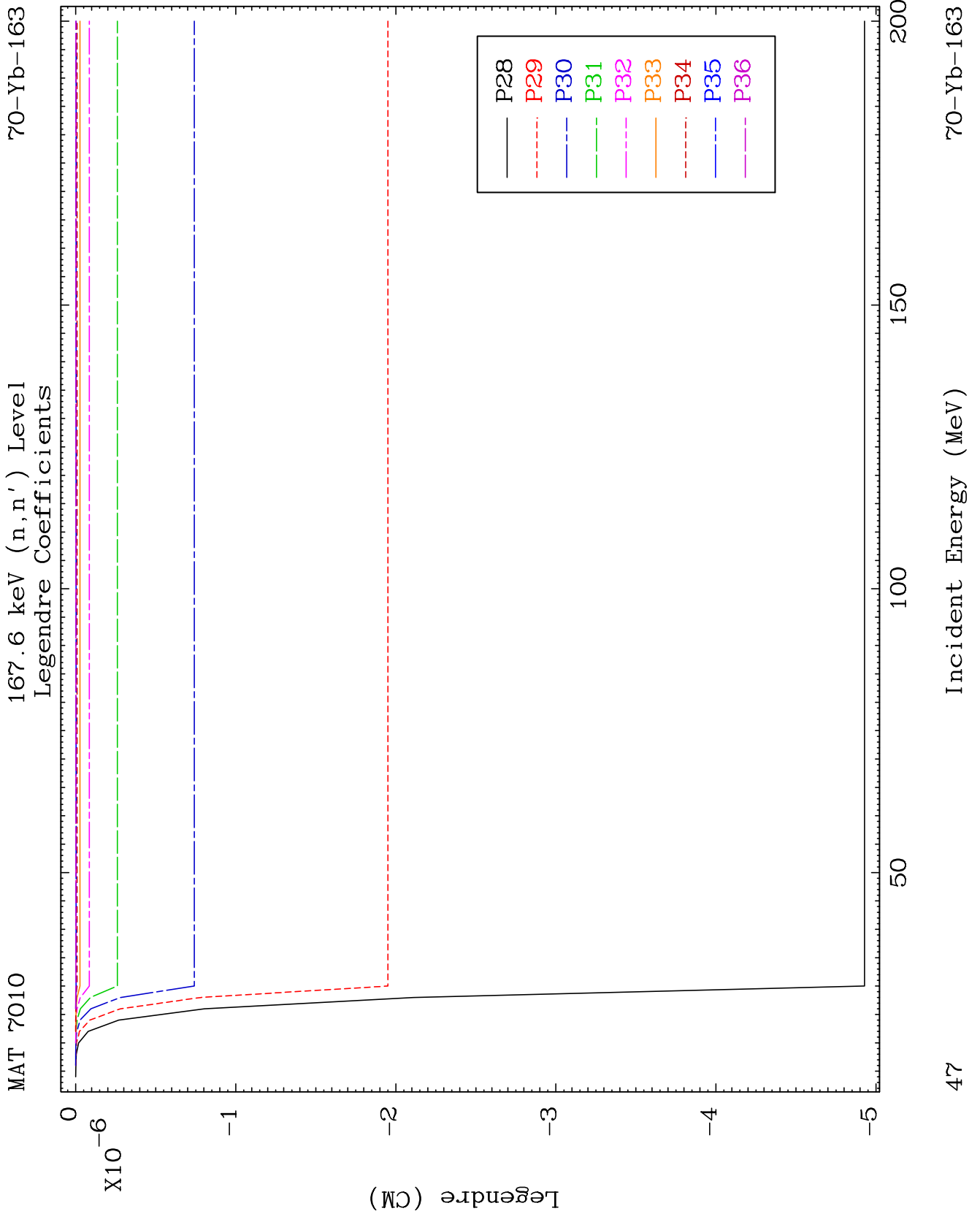


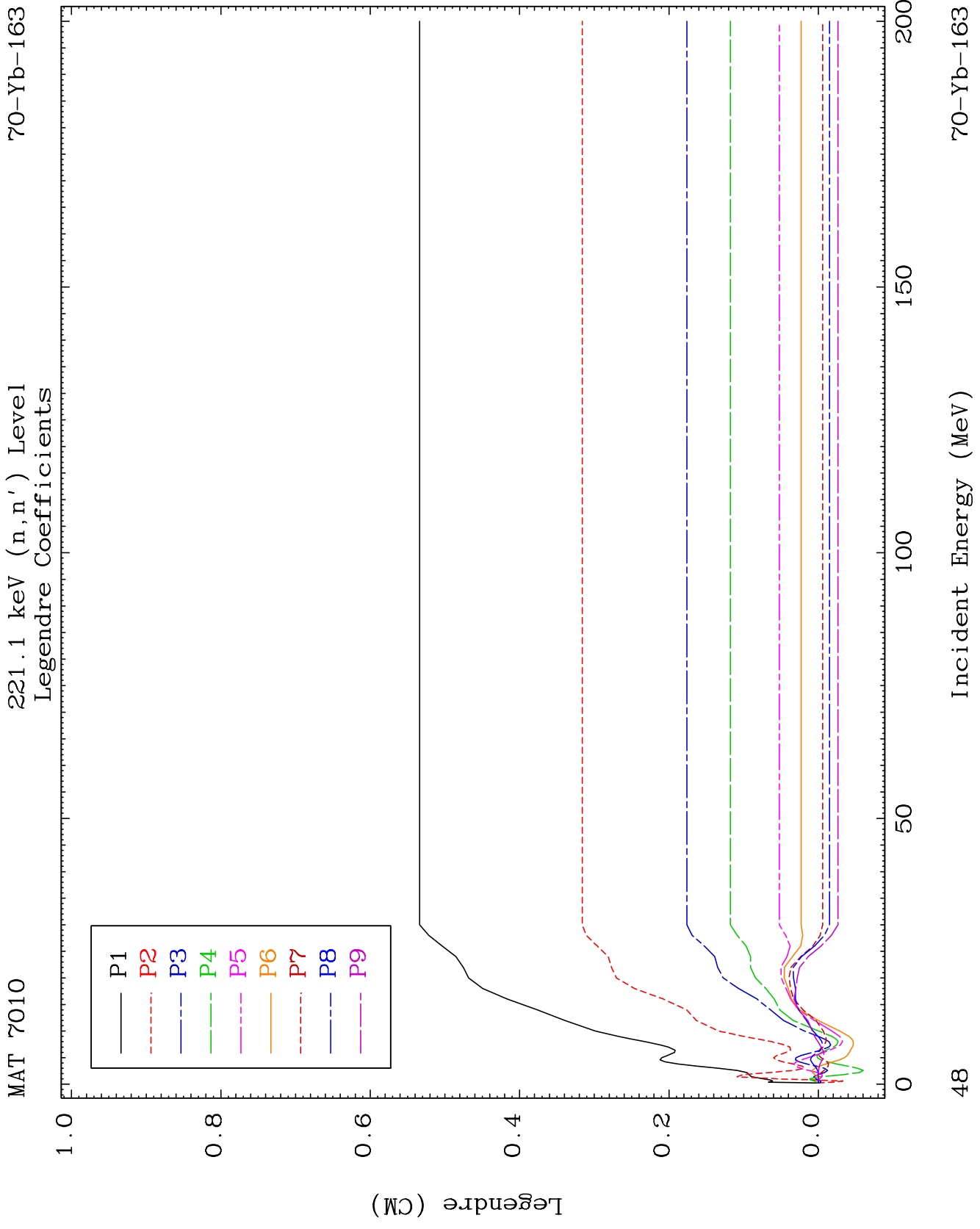


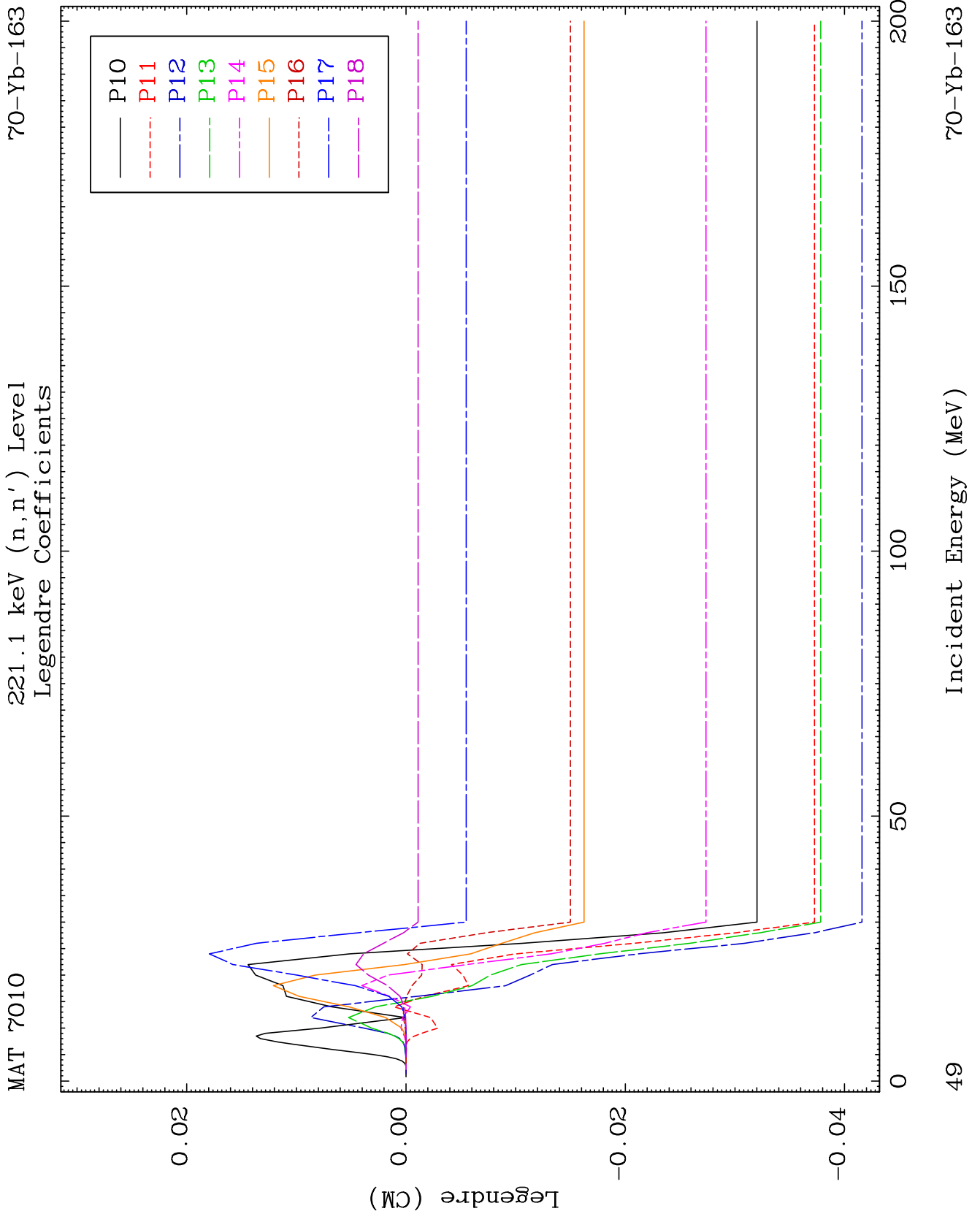


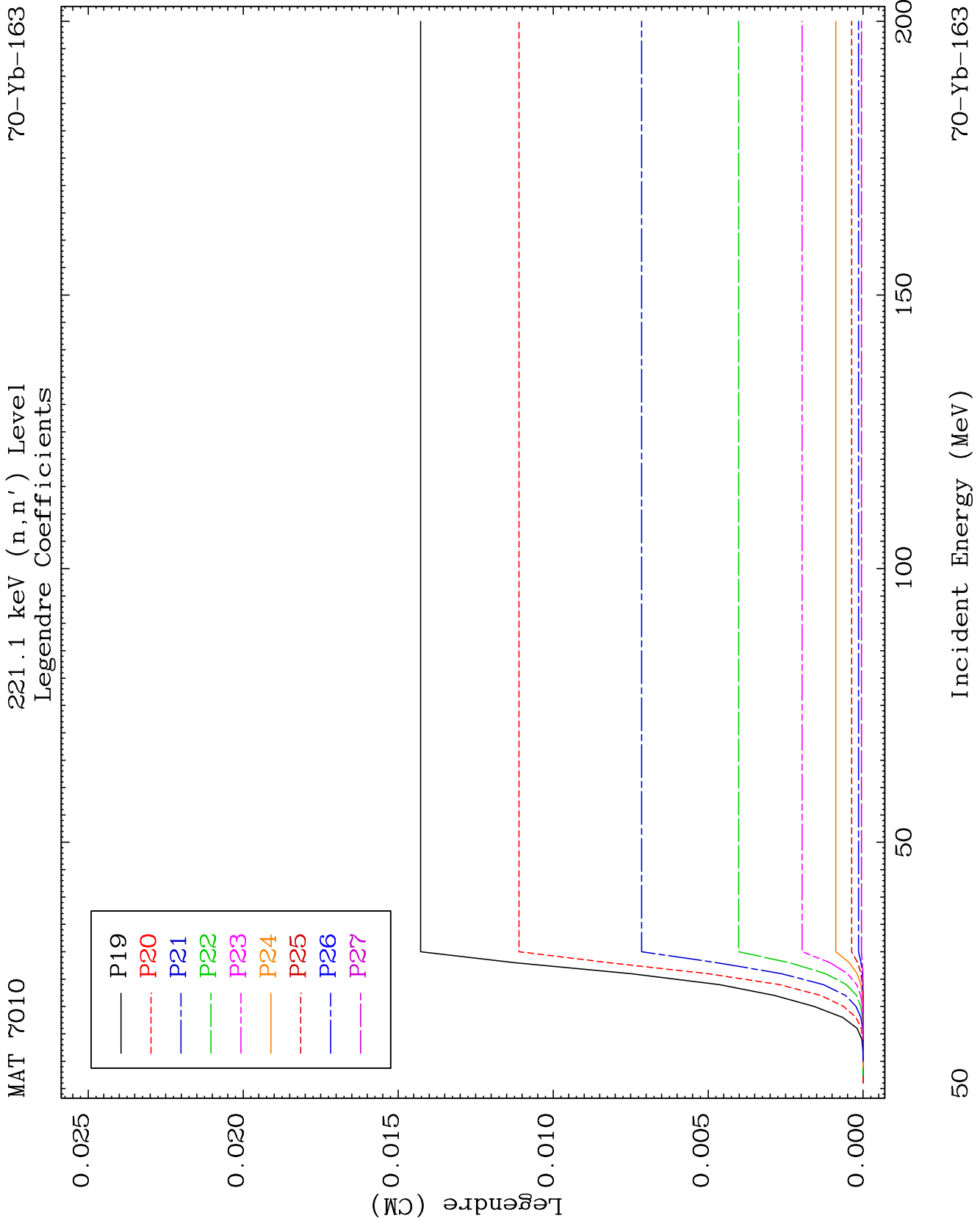


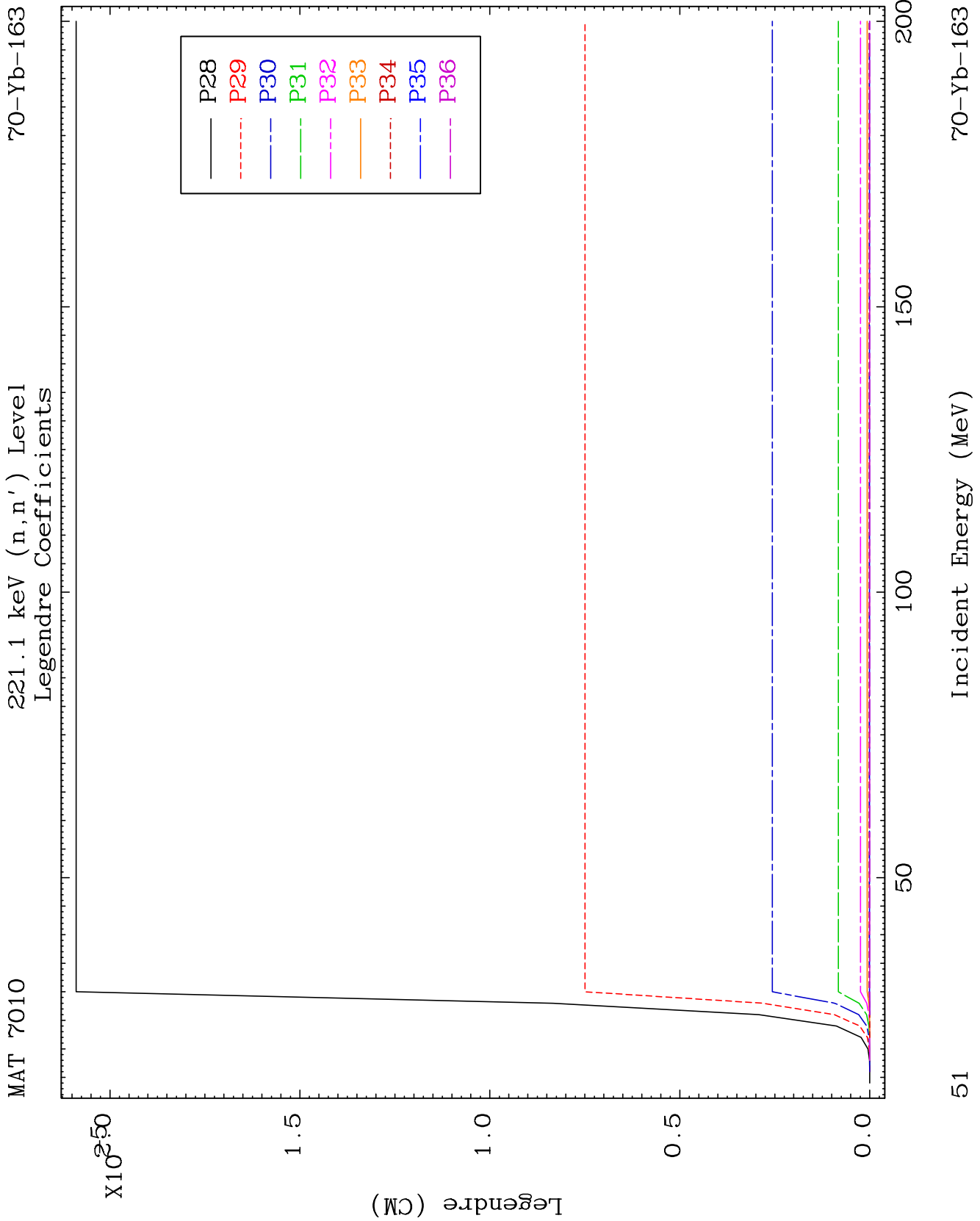








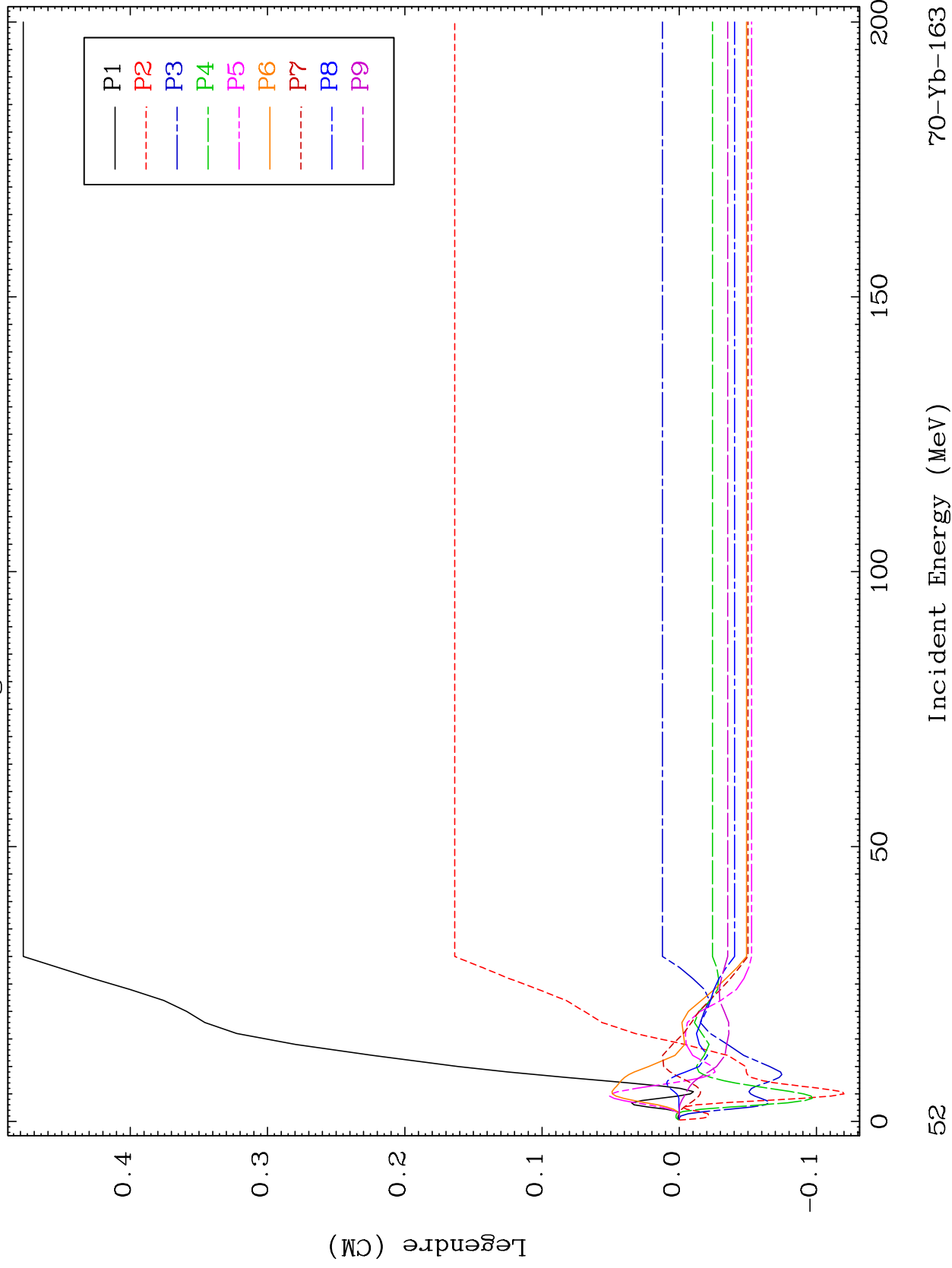




MAT 7010

234.8 keV (n, n') Level
Legendre Coefficients

70-Yb-163



70-Yb-163

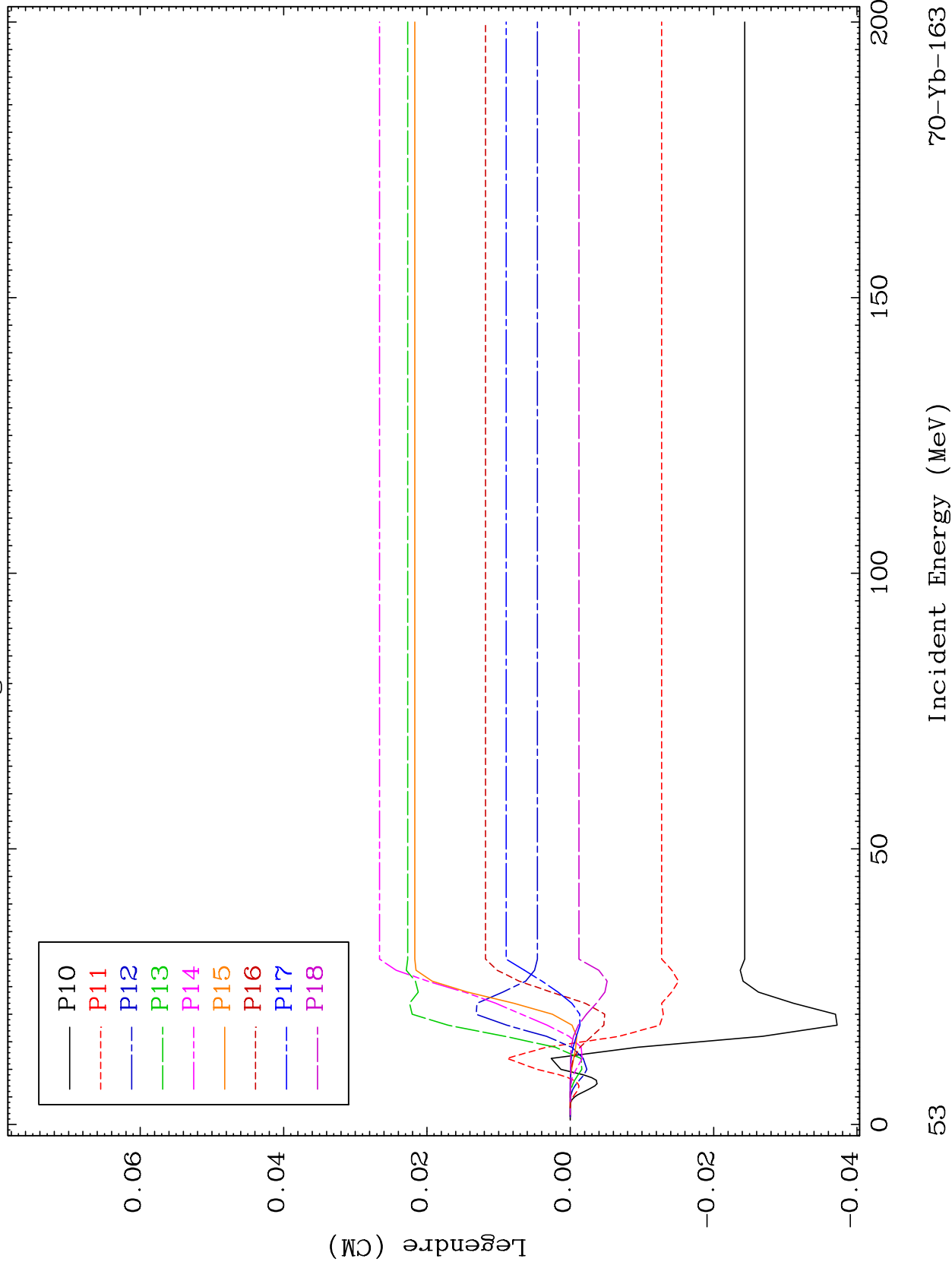
Incident Energy (MeV)

52

MAT 7010

234.8 keV (n,n') Level
Legendre Coefficients

70-Yb-163



70-Yb-163

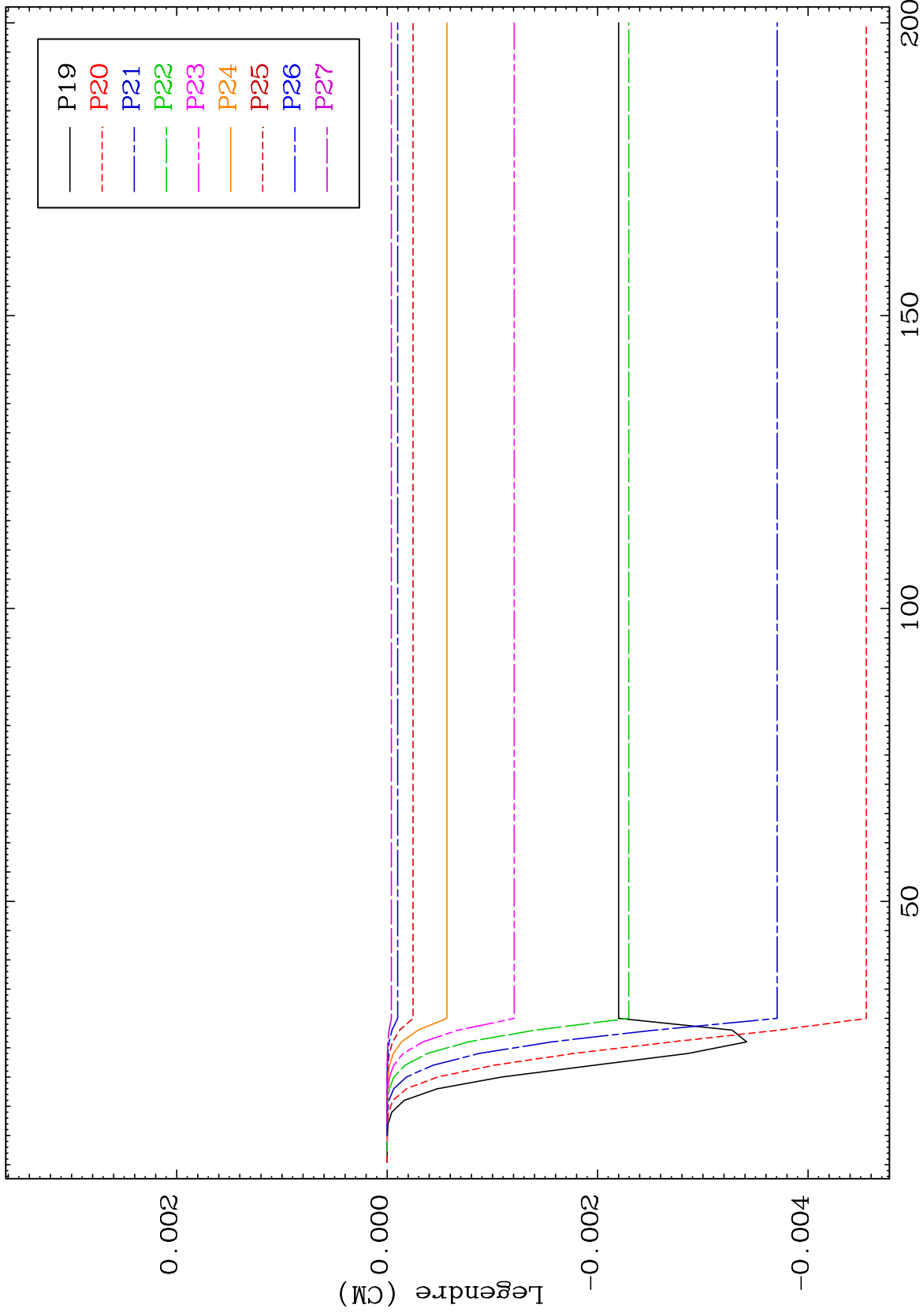
Incident Energy (MeV)

53

MAT 7010

234.8 keV (n,n') Level
Legendre Coefficients

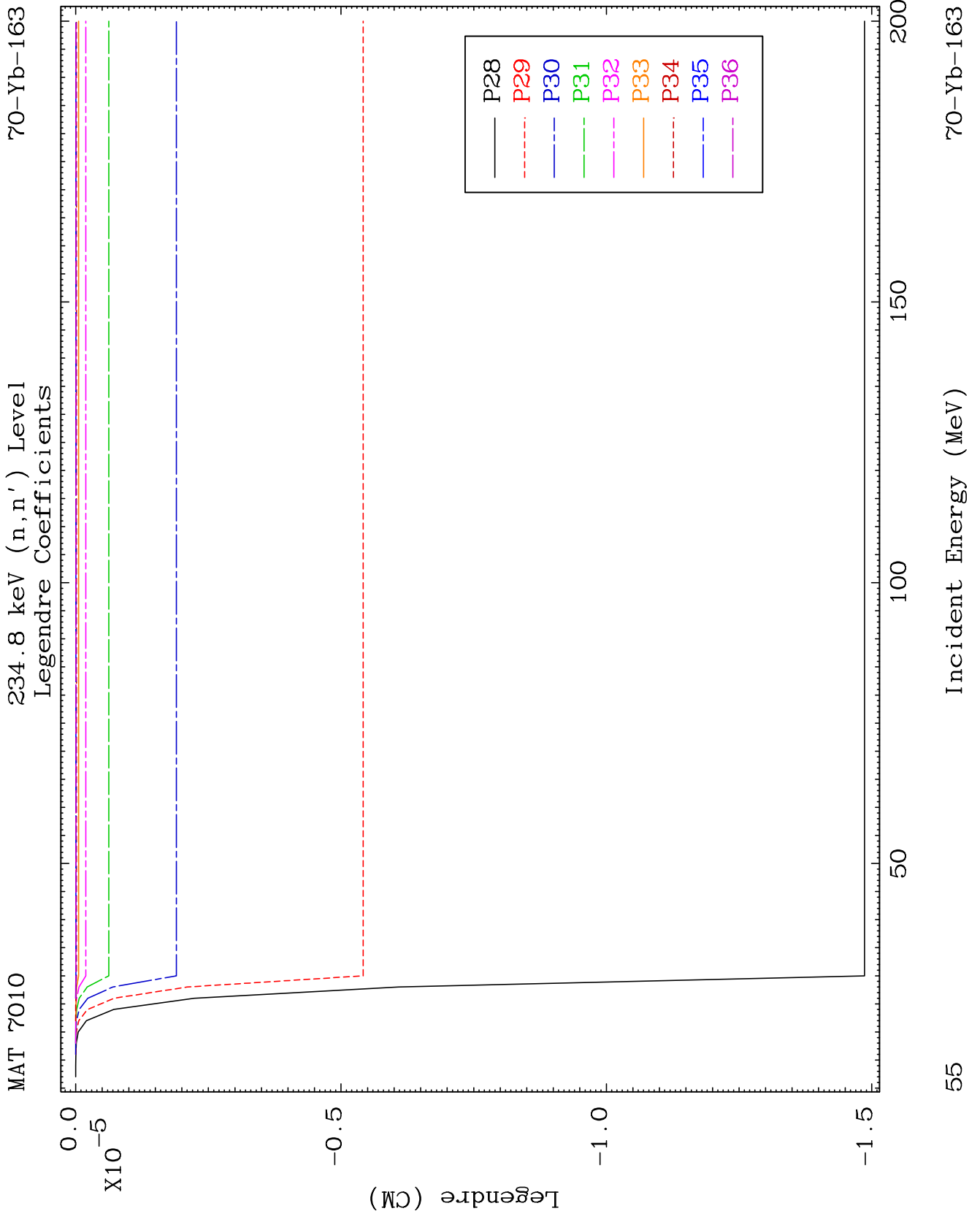
70-Yb-163



54

Incident Energy (MeV)

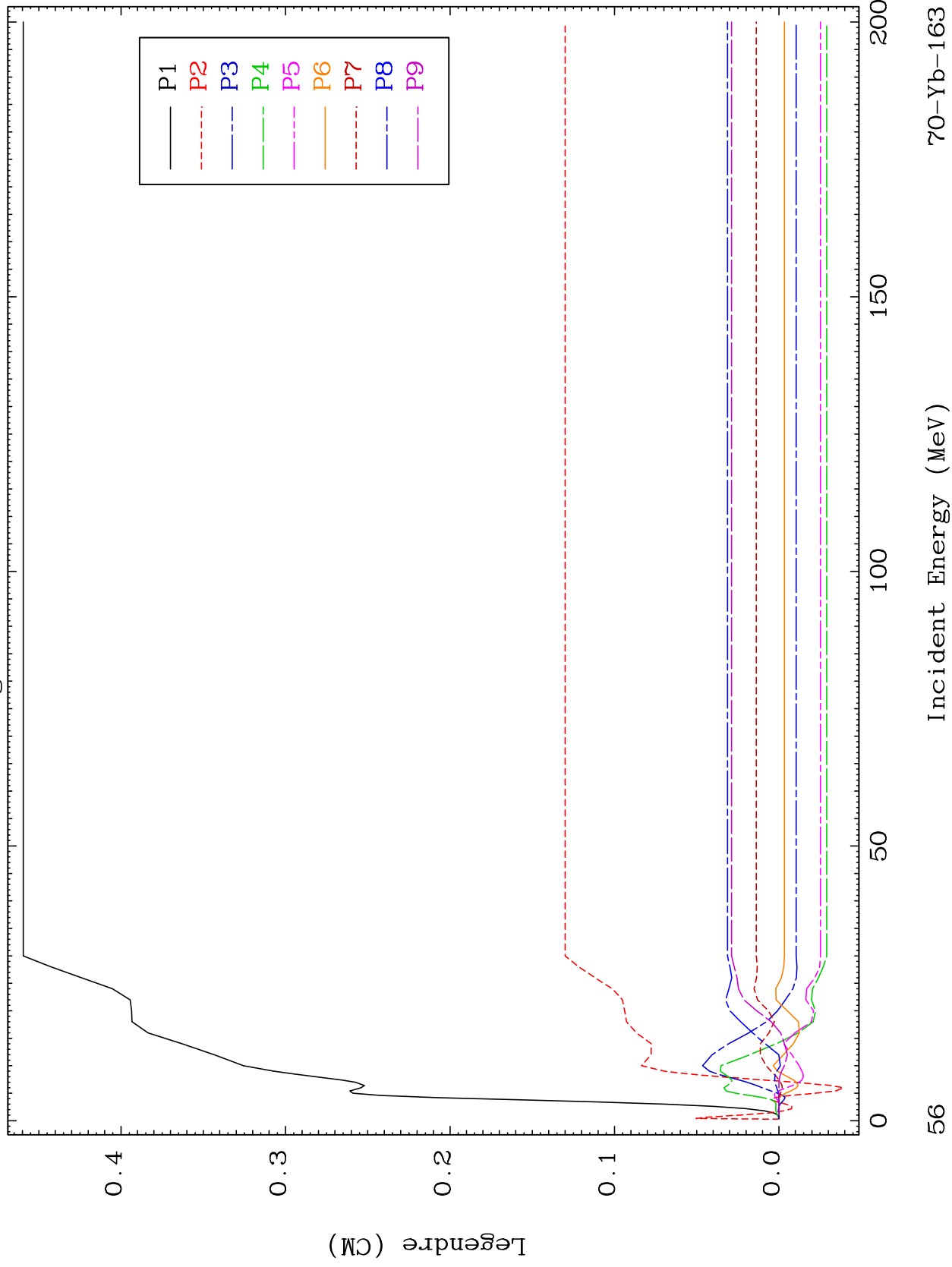
70-Yb-163



MAT 7010

263.9 keV (n, n') Level
Legendre Coefficients

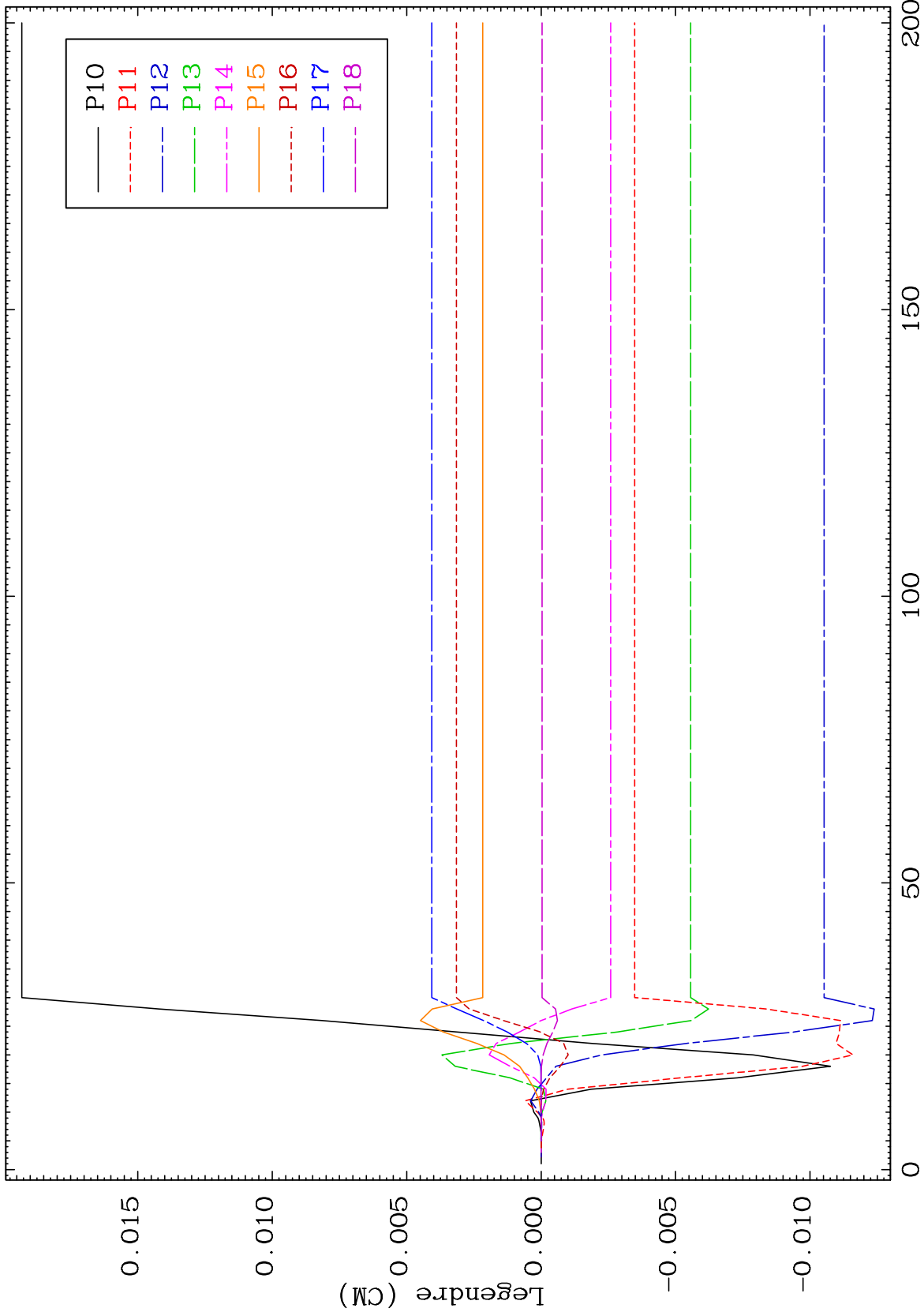
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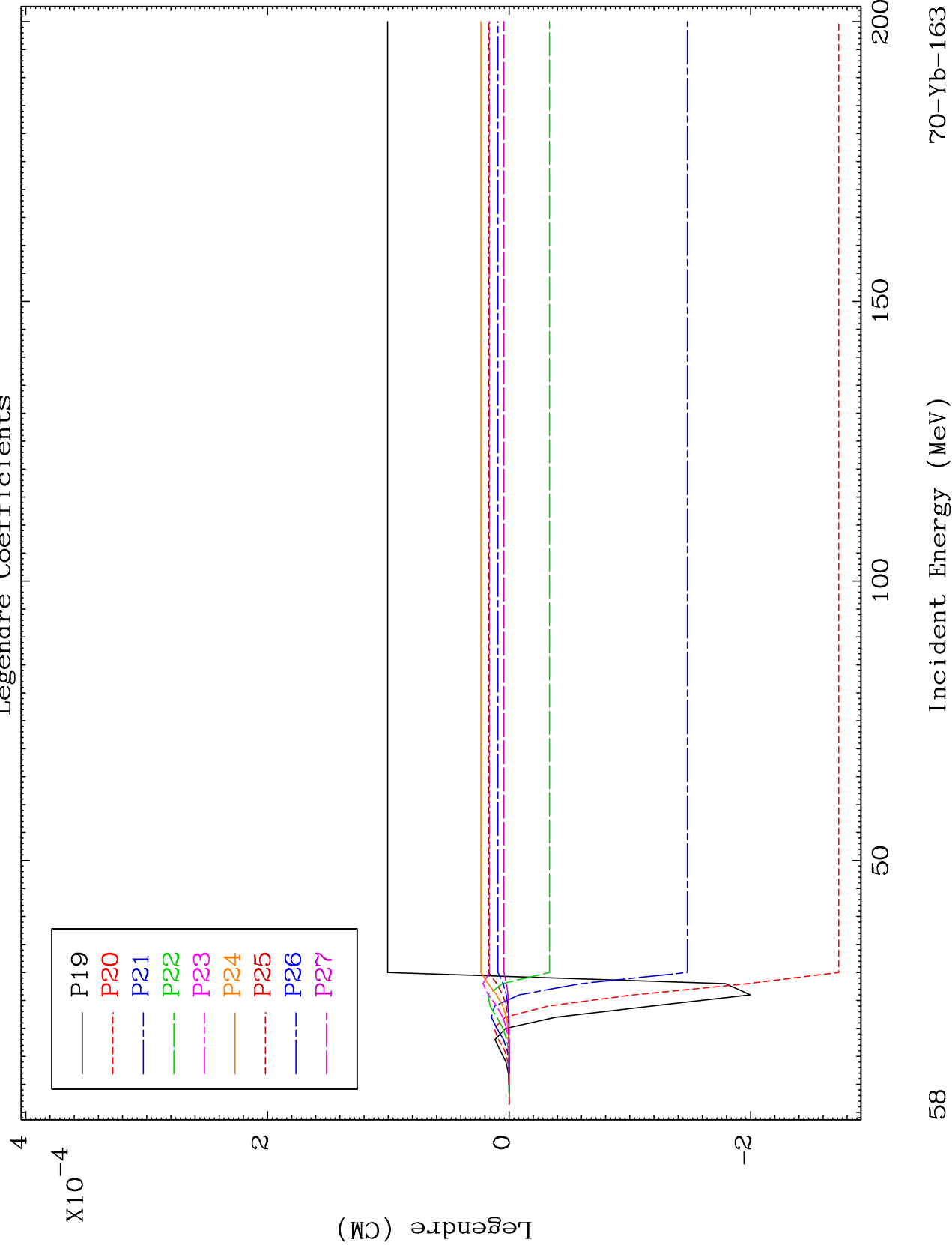


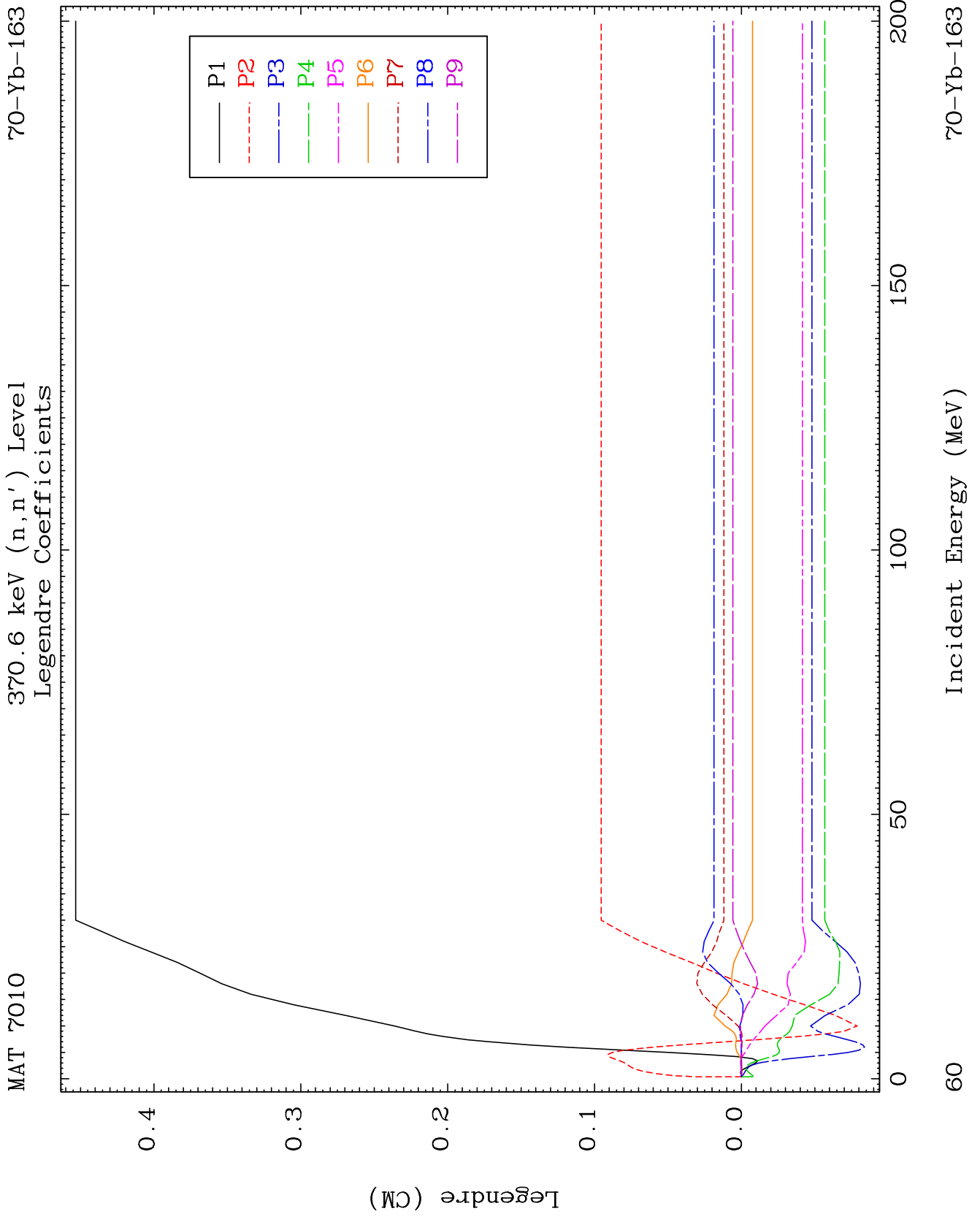
70-Yb-163

Incident Energy (MeV)

56



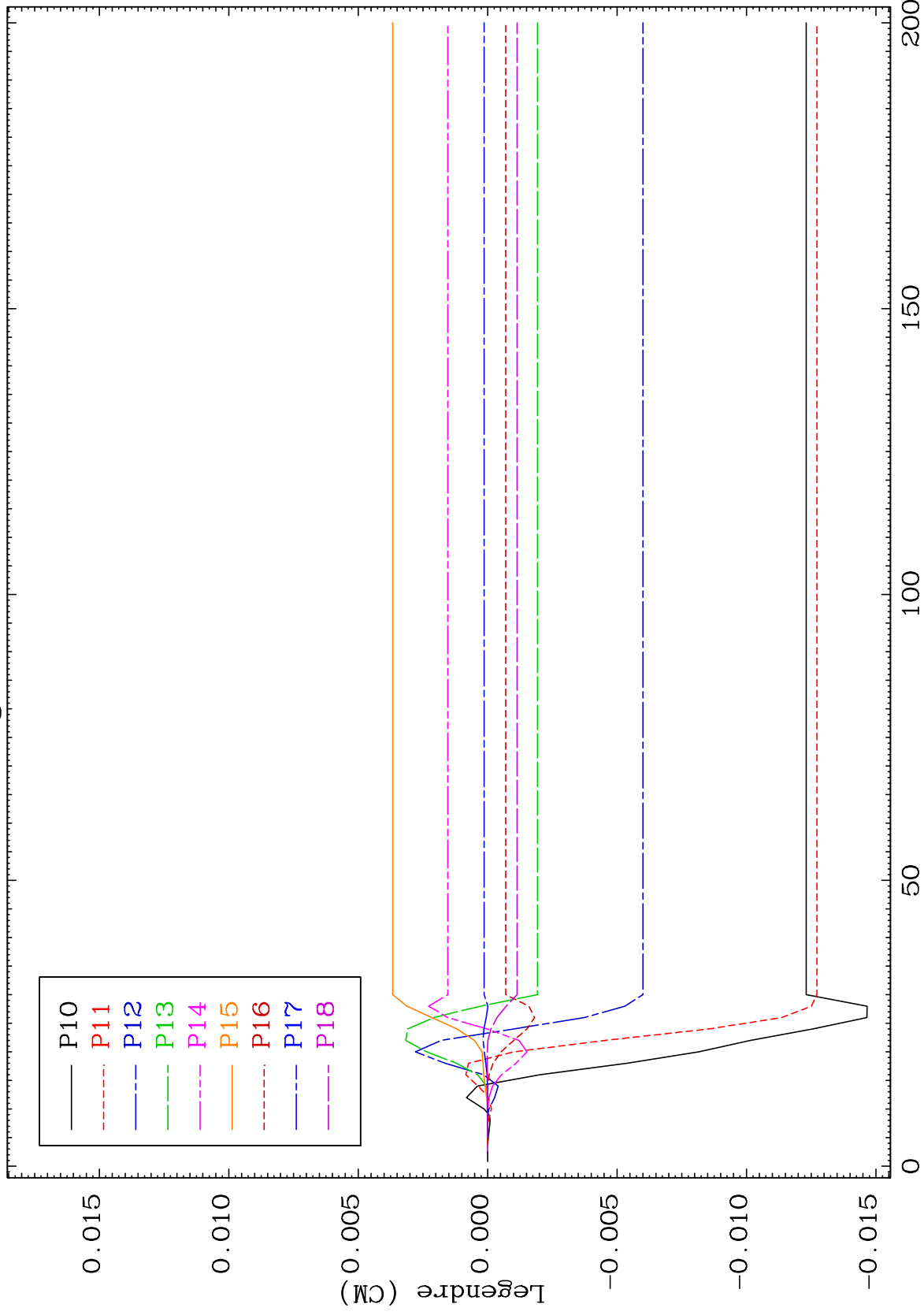


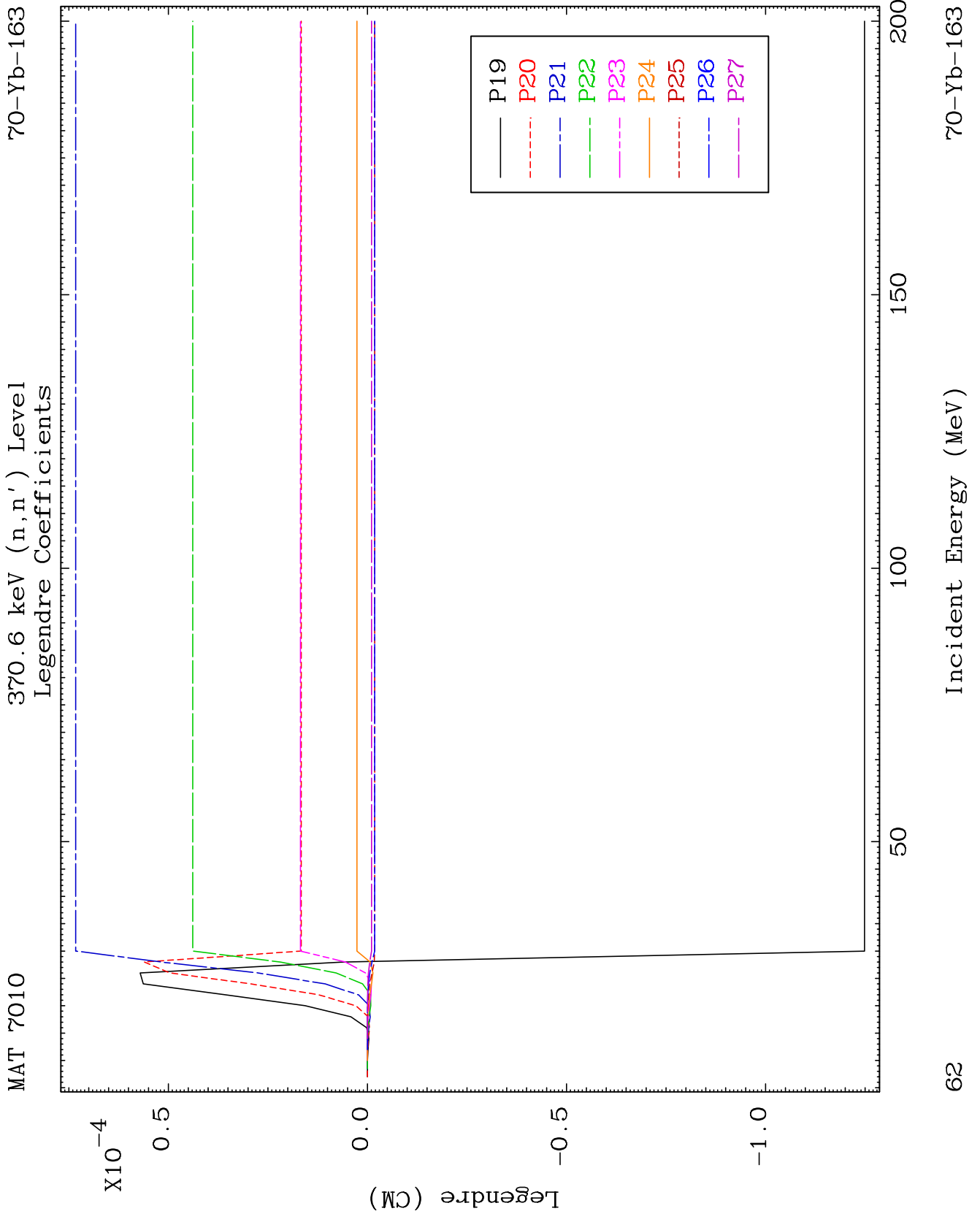


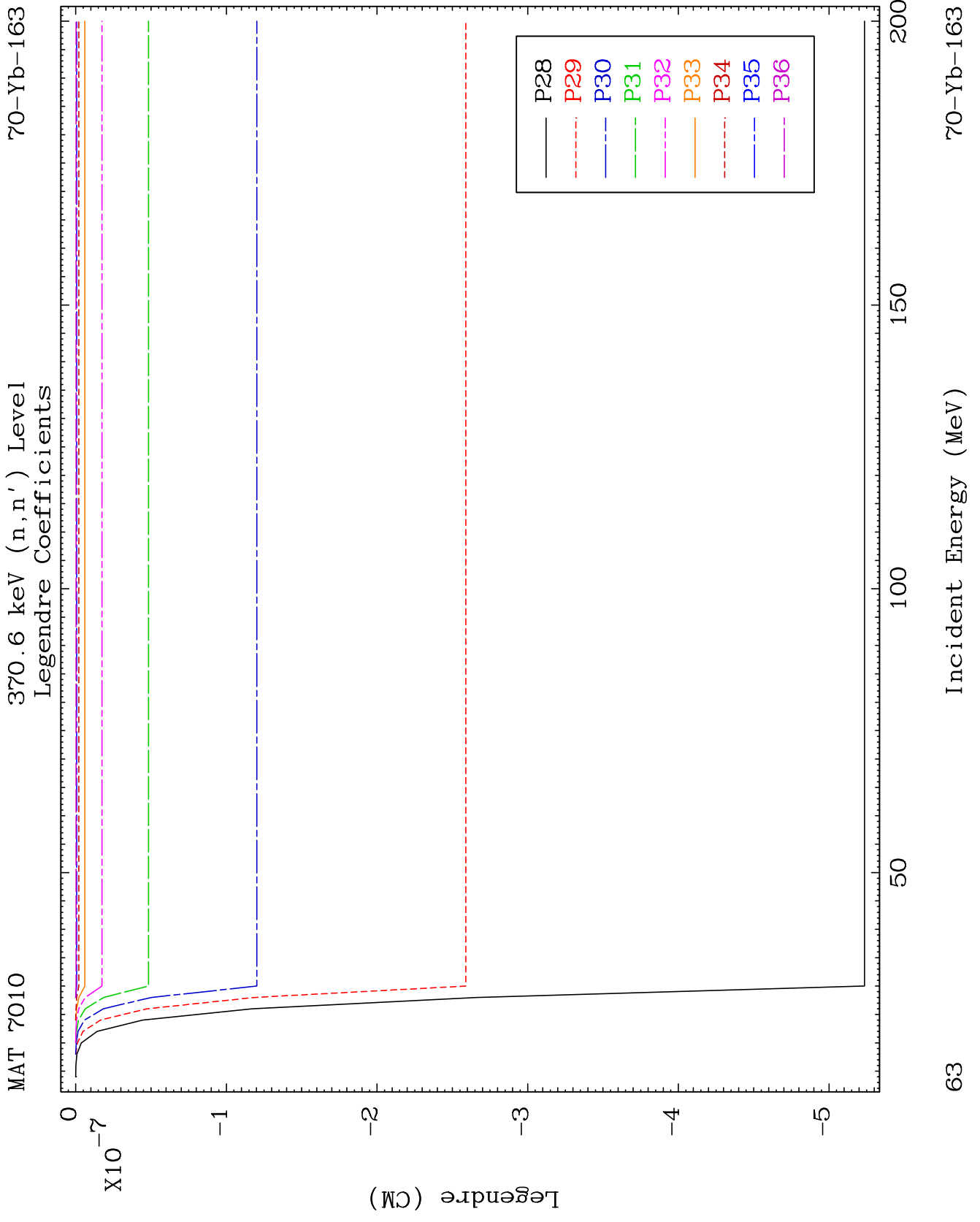
MAT 7010

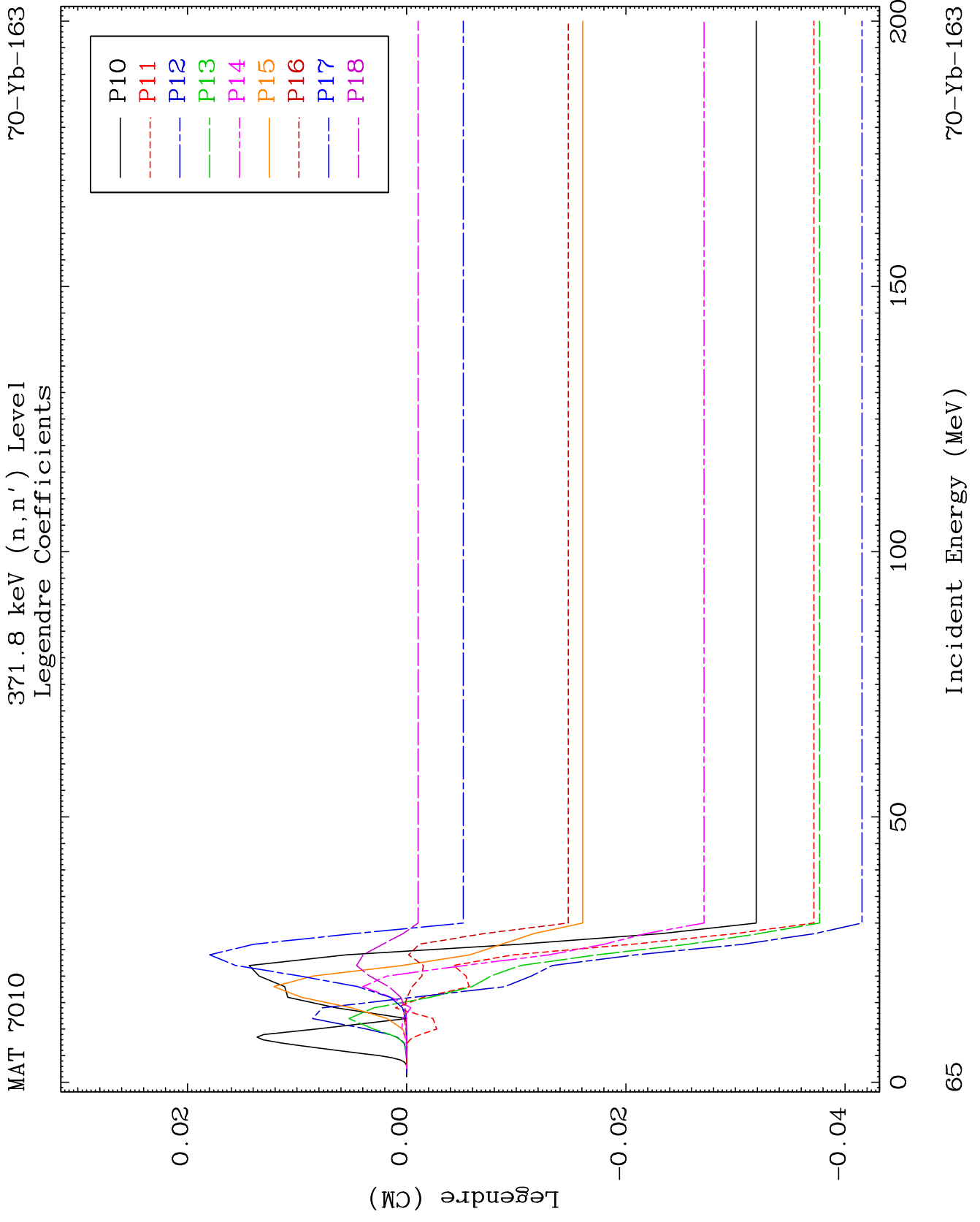
370.6 keV (n, n') Level
Legendre Coefficients

70-Yb-163





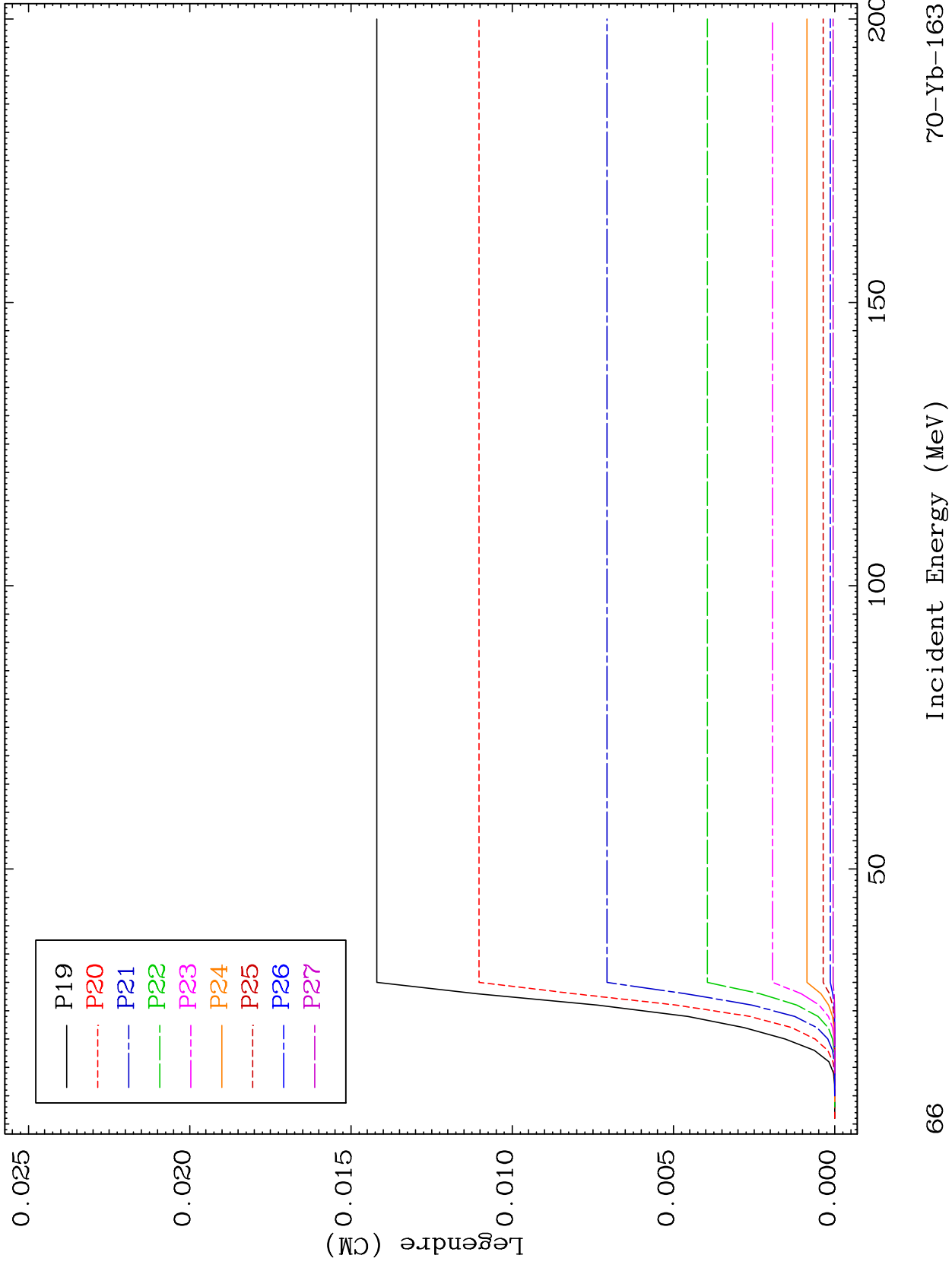




MAT 7010

371.8 keV (n,n') Level
Legendre Coefficients

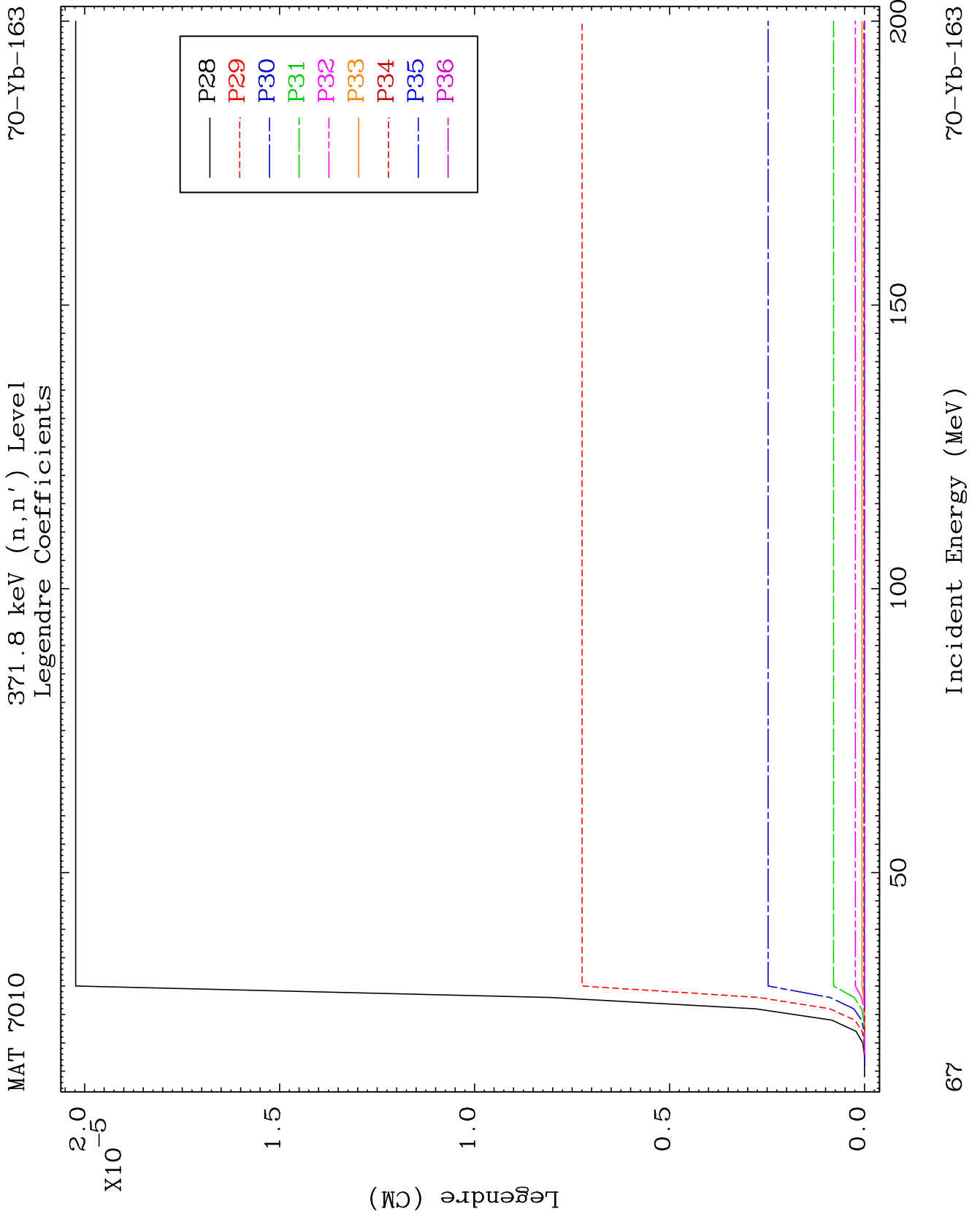
70-Yb-163

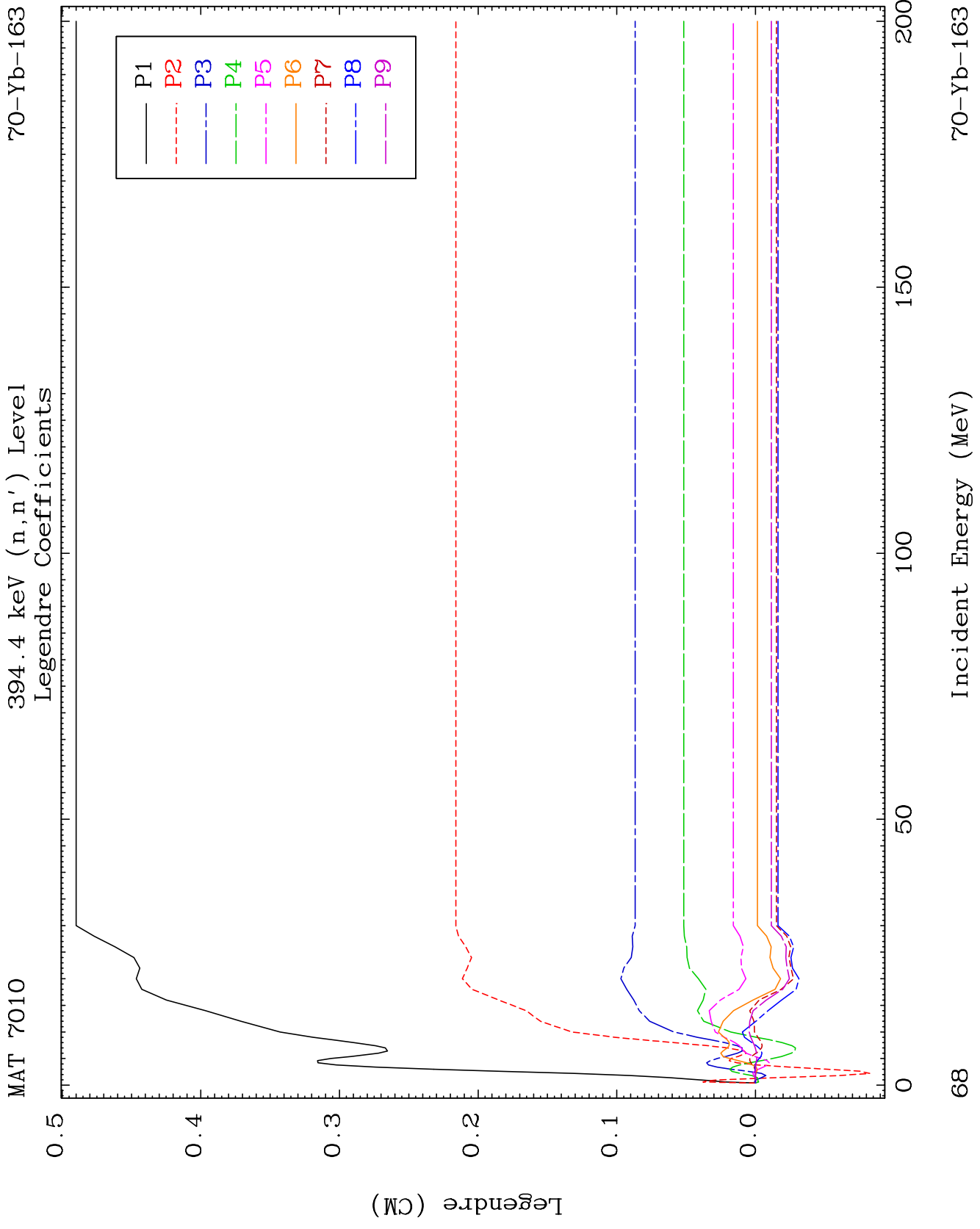


66

Incident Energy (MeV)

70-Yb-163

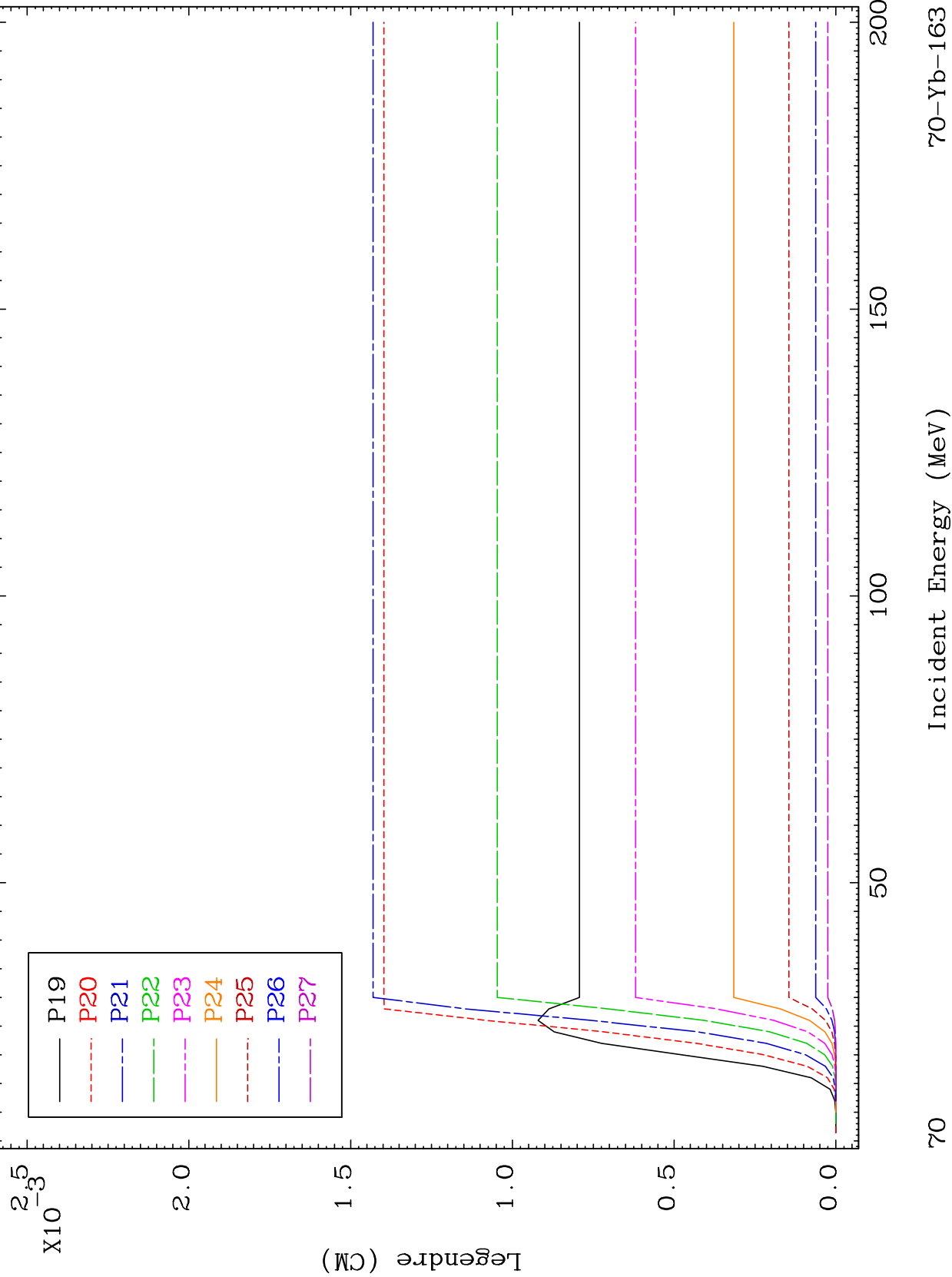




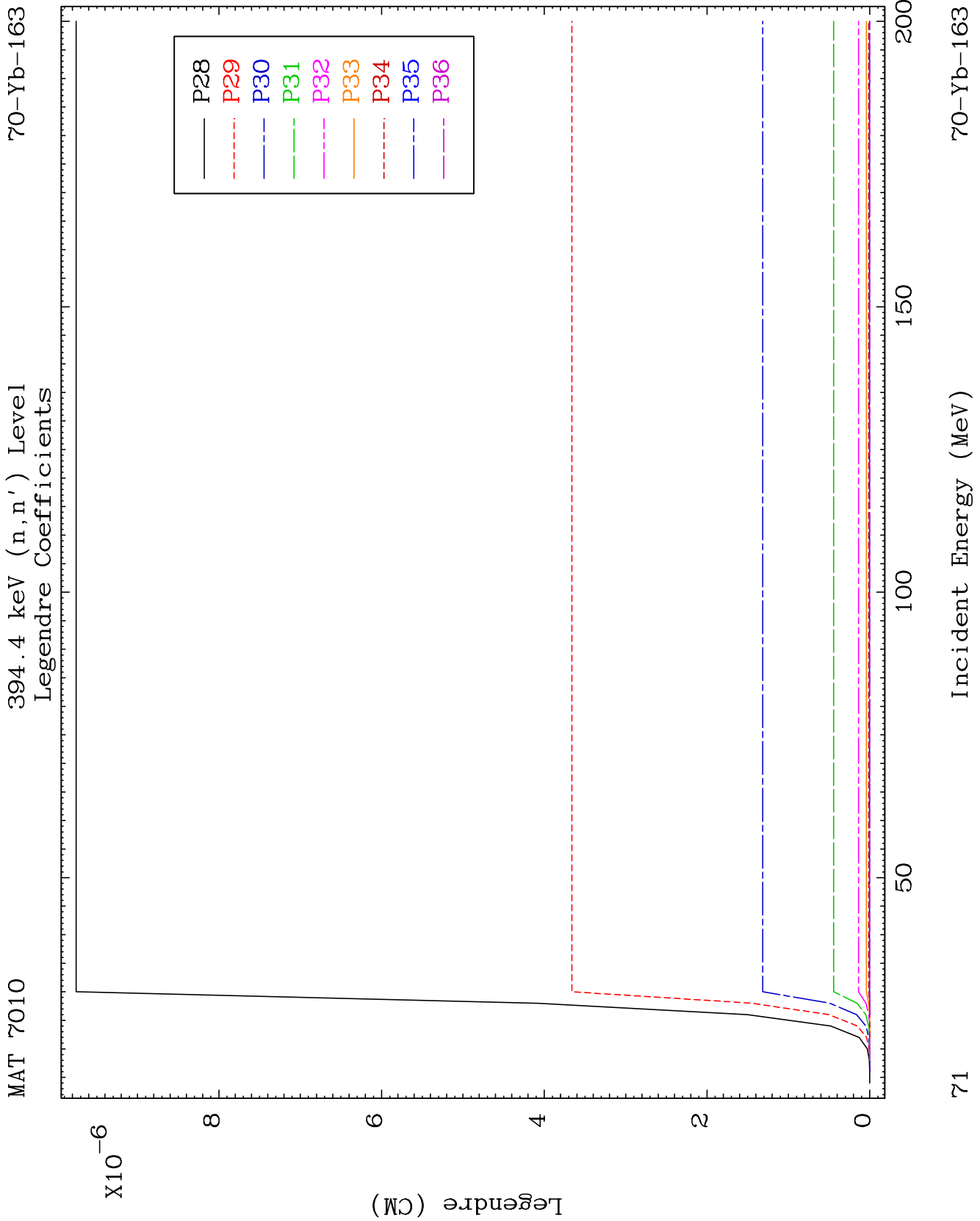
MAT 7010

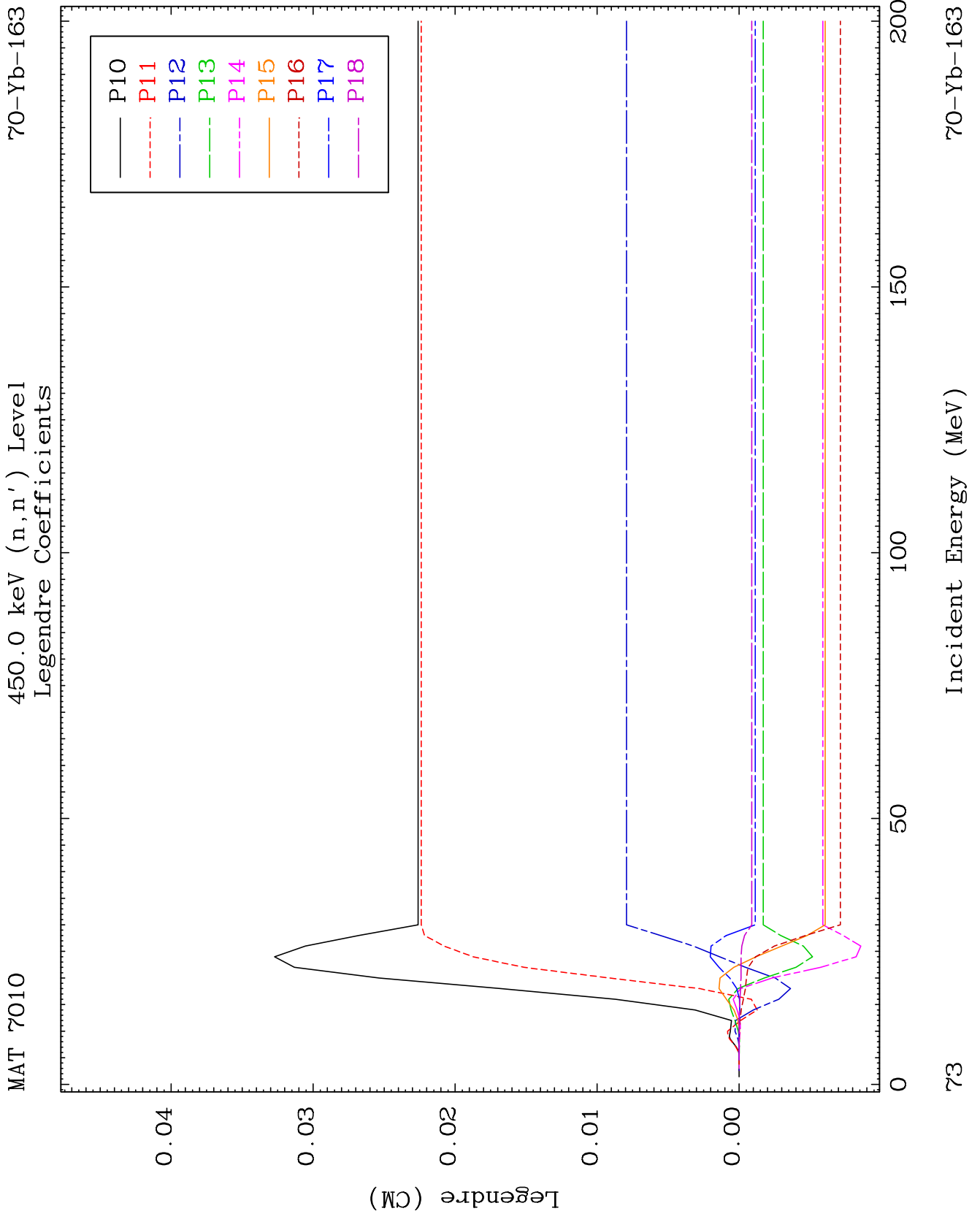
394.4 keV (n, n') Level
Legendre Coefficients

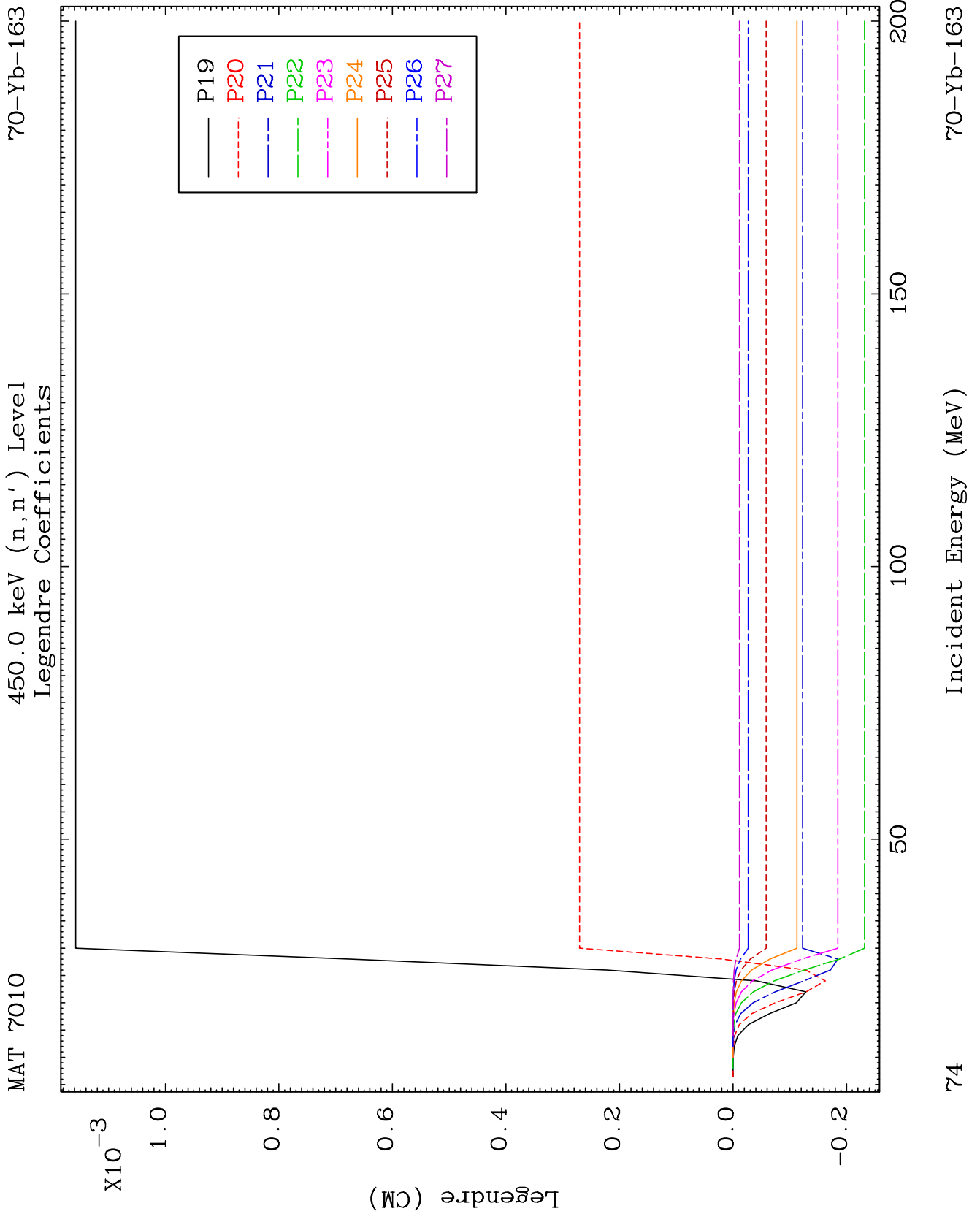
70-Yb-163

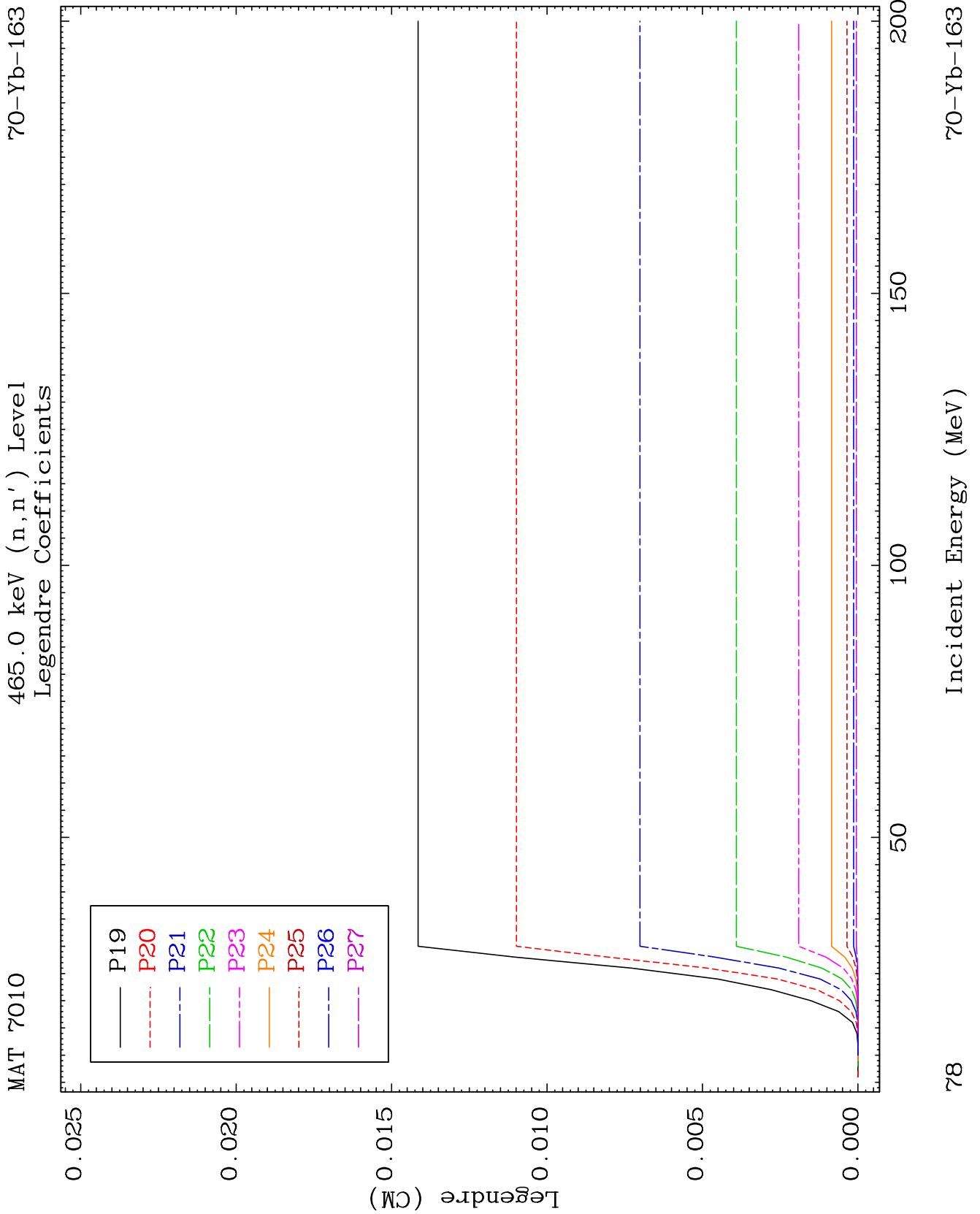


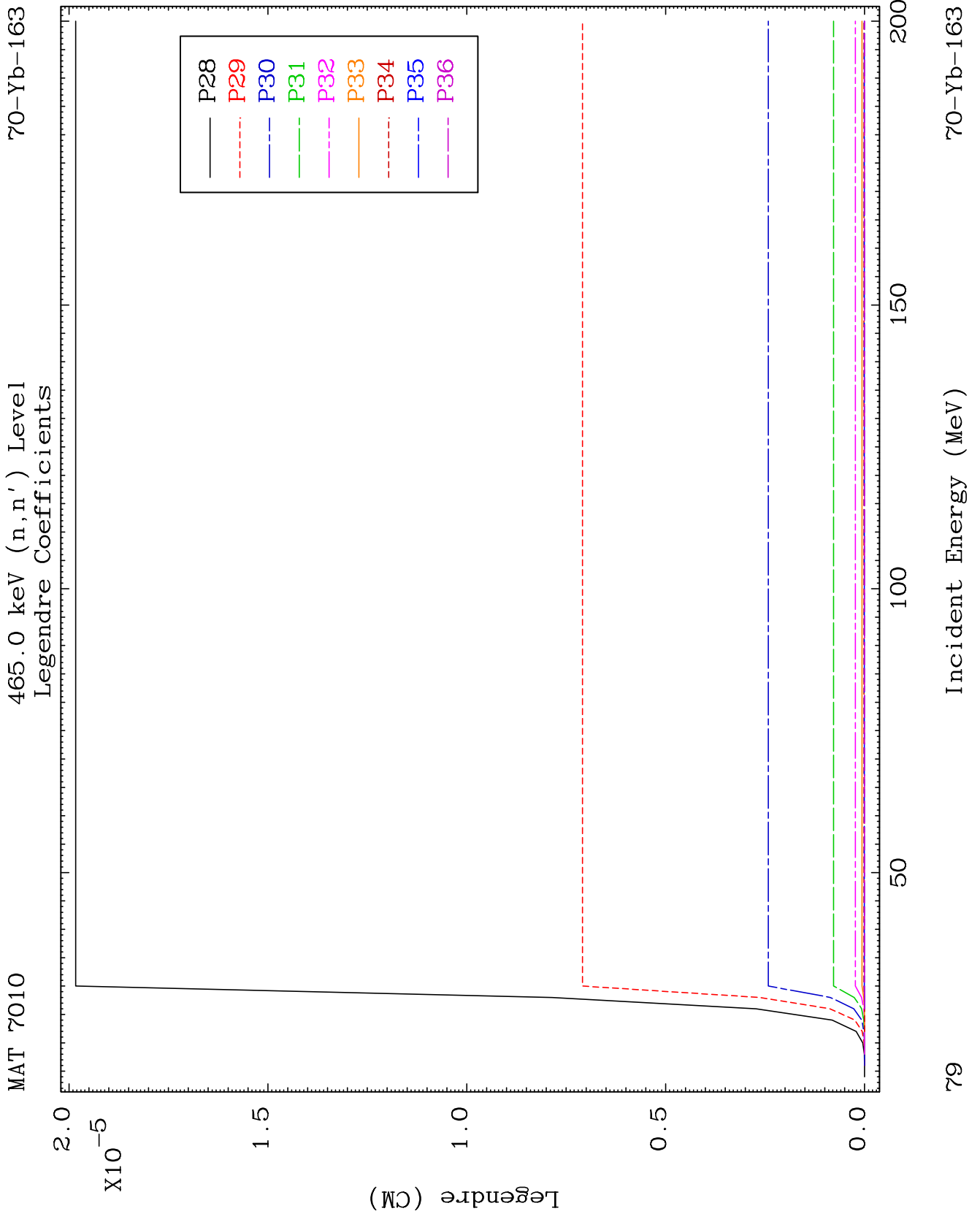
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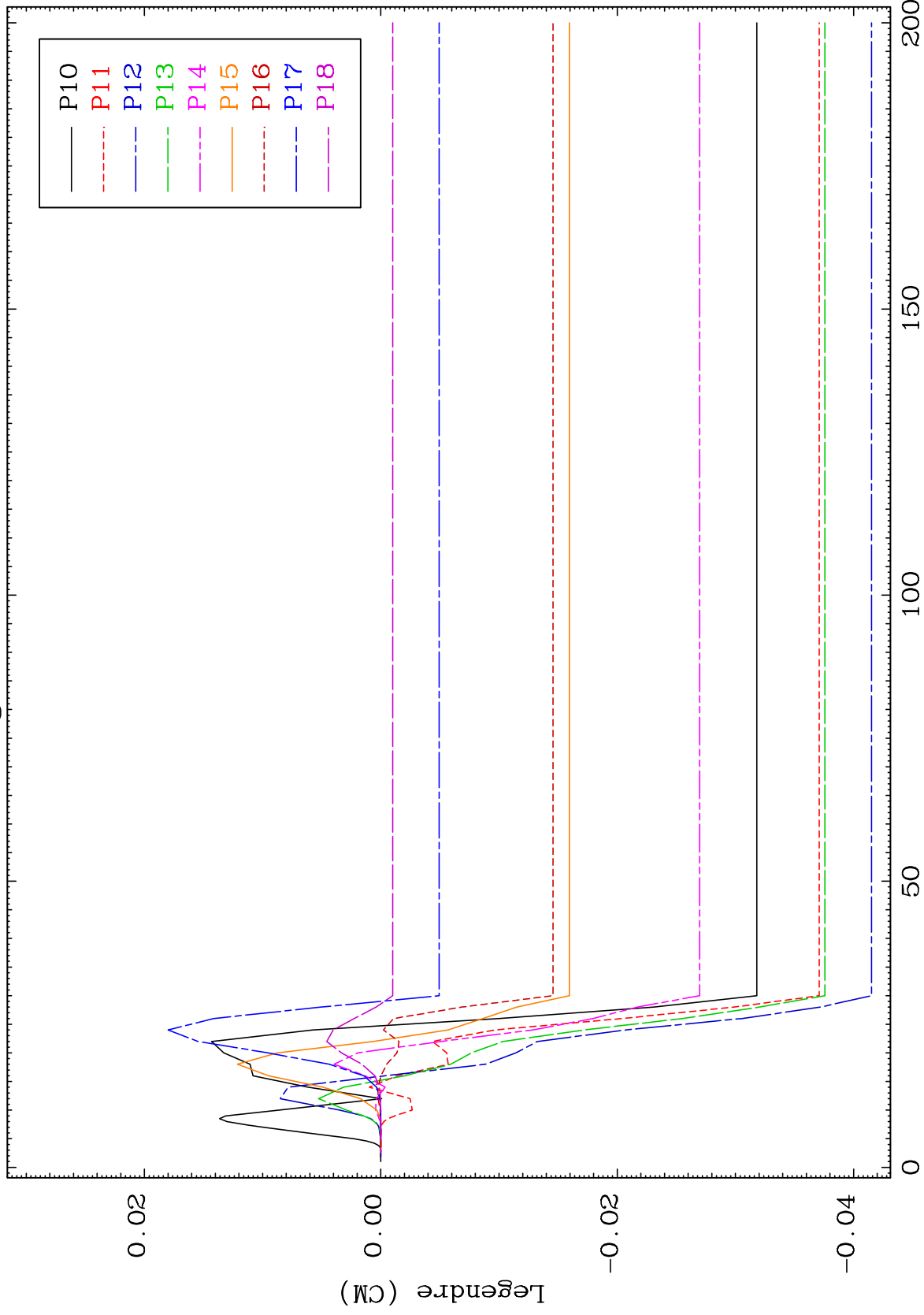




MAT 7010

474.2 keV (n,n') Level
Legendre Coefficients

70-Yb-163



81

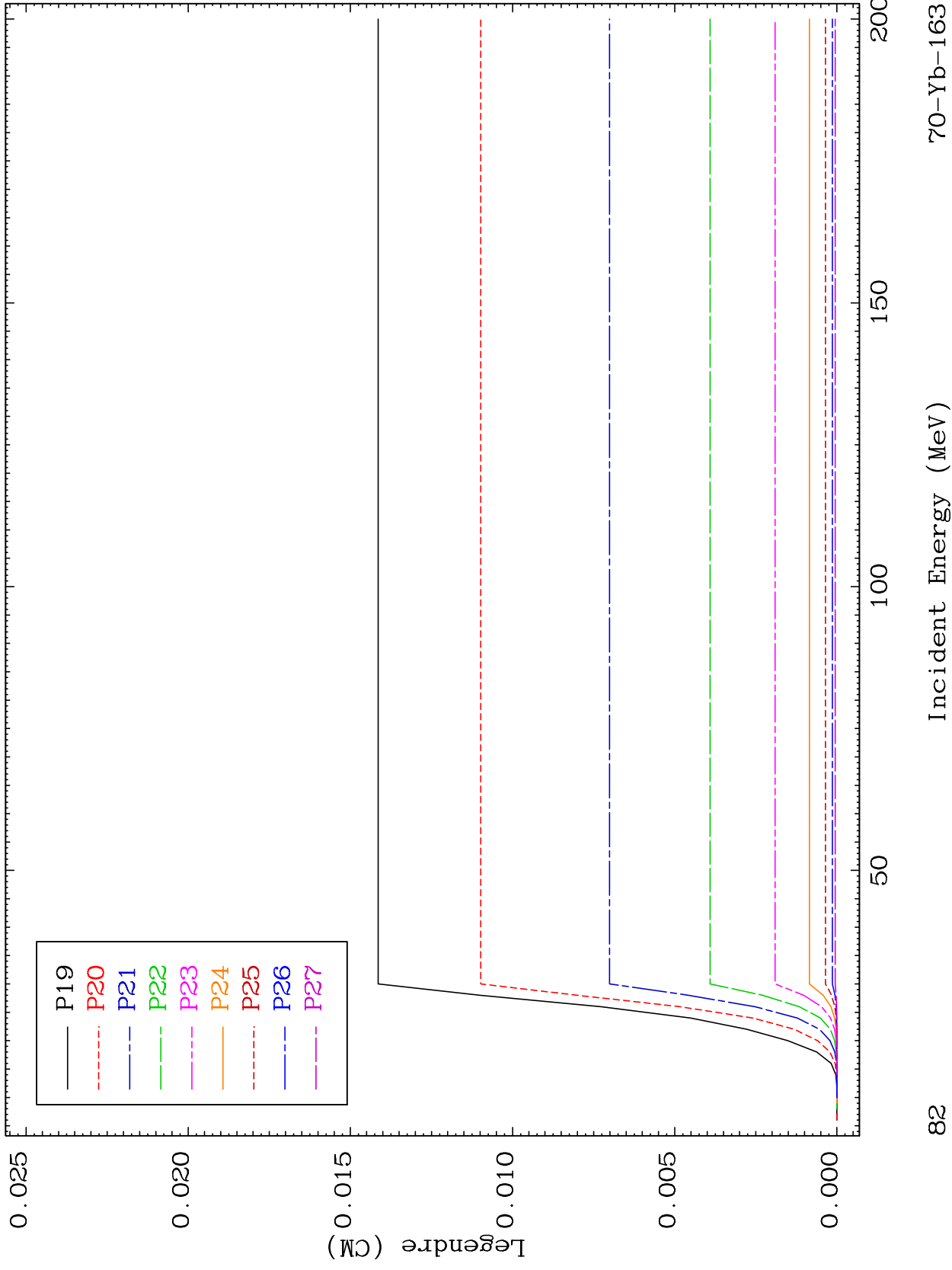
Incident Energy (MeV)

70-Yb-163

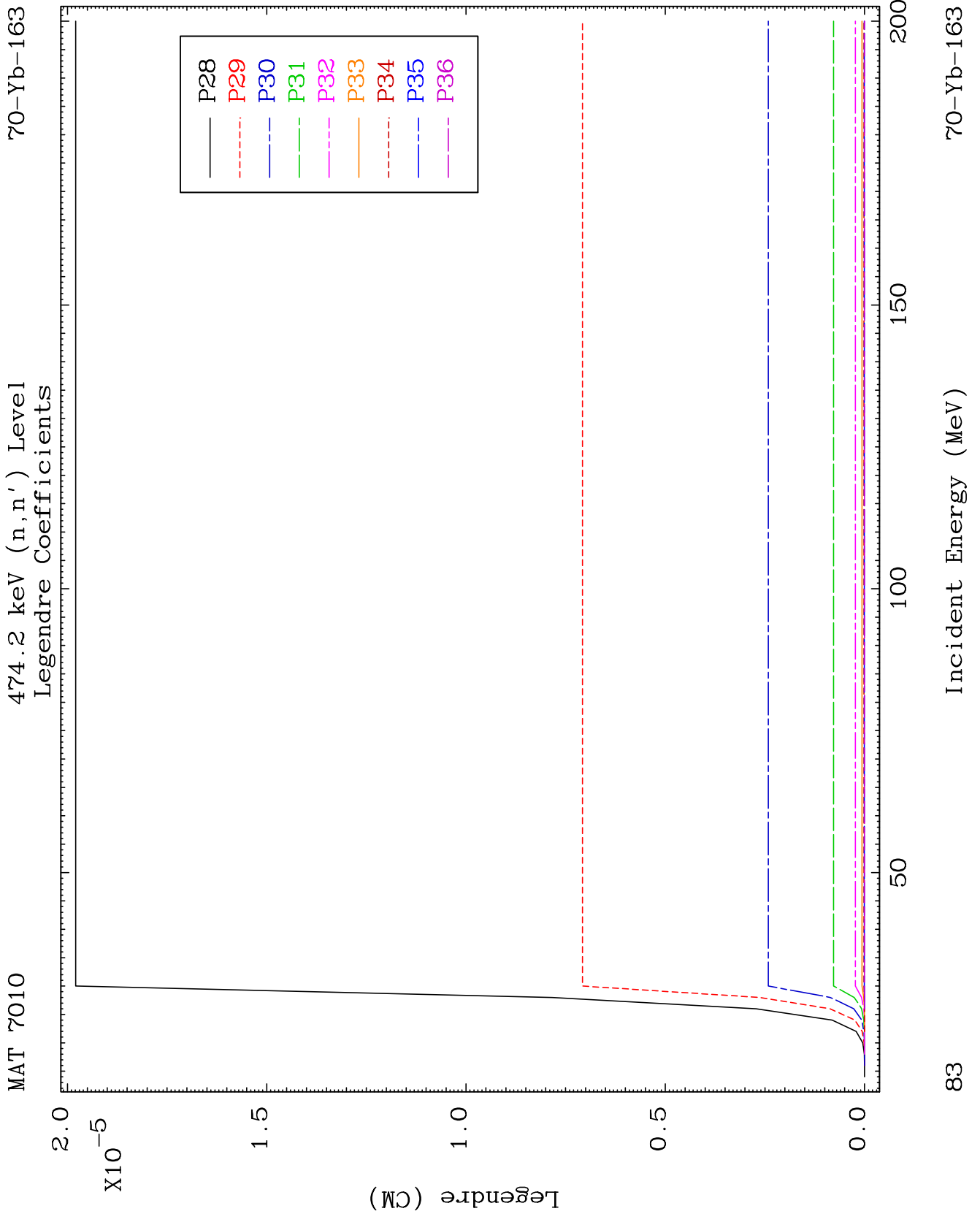
MAT 7010

474.2 keV (n, n') Level
Legendre Coefficients

70-Yb-163



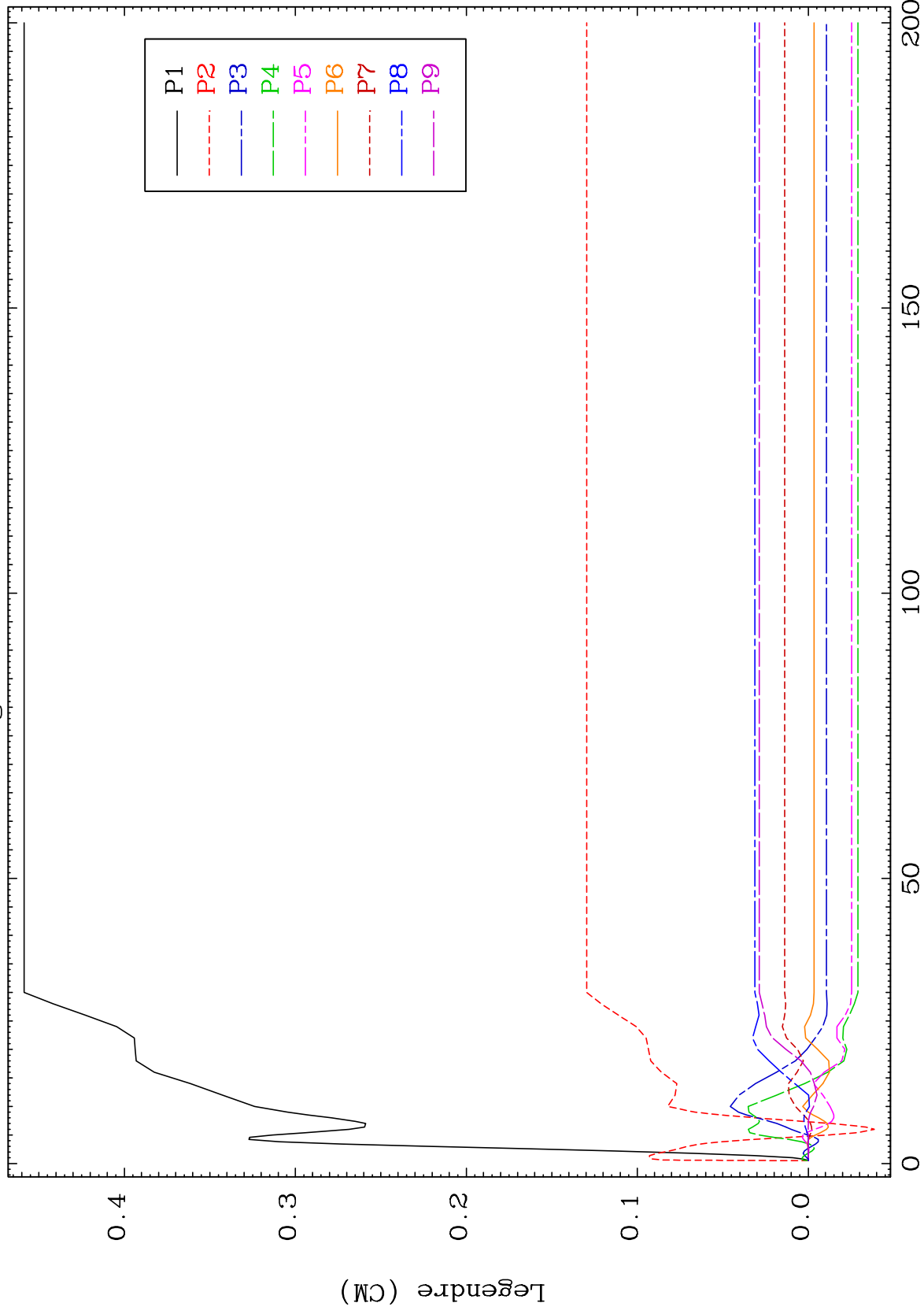
82



MAT 7010

483.9 keV (n, n') Level
Legendre Coefficients

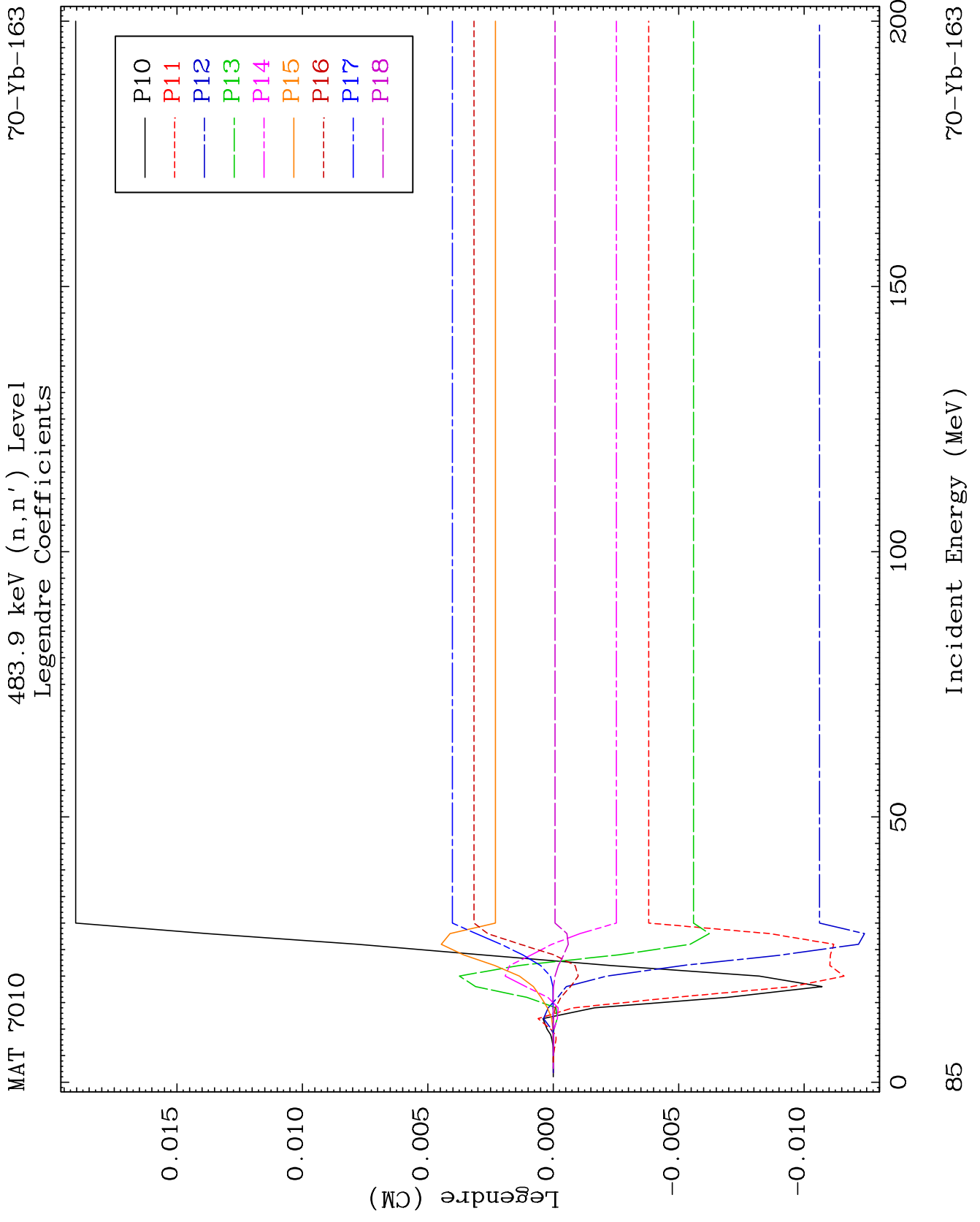
70-Yb-163

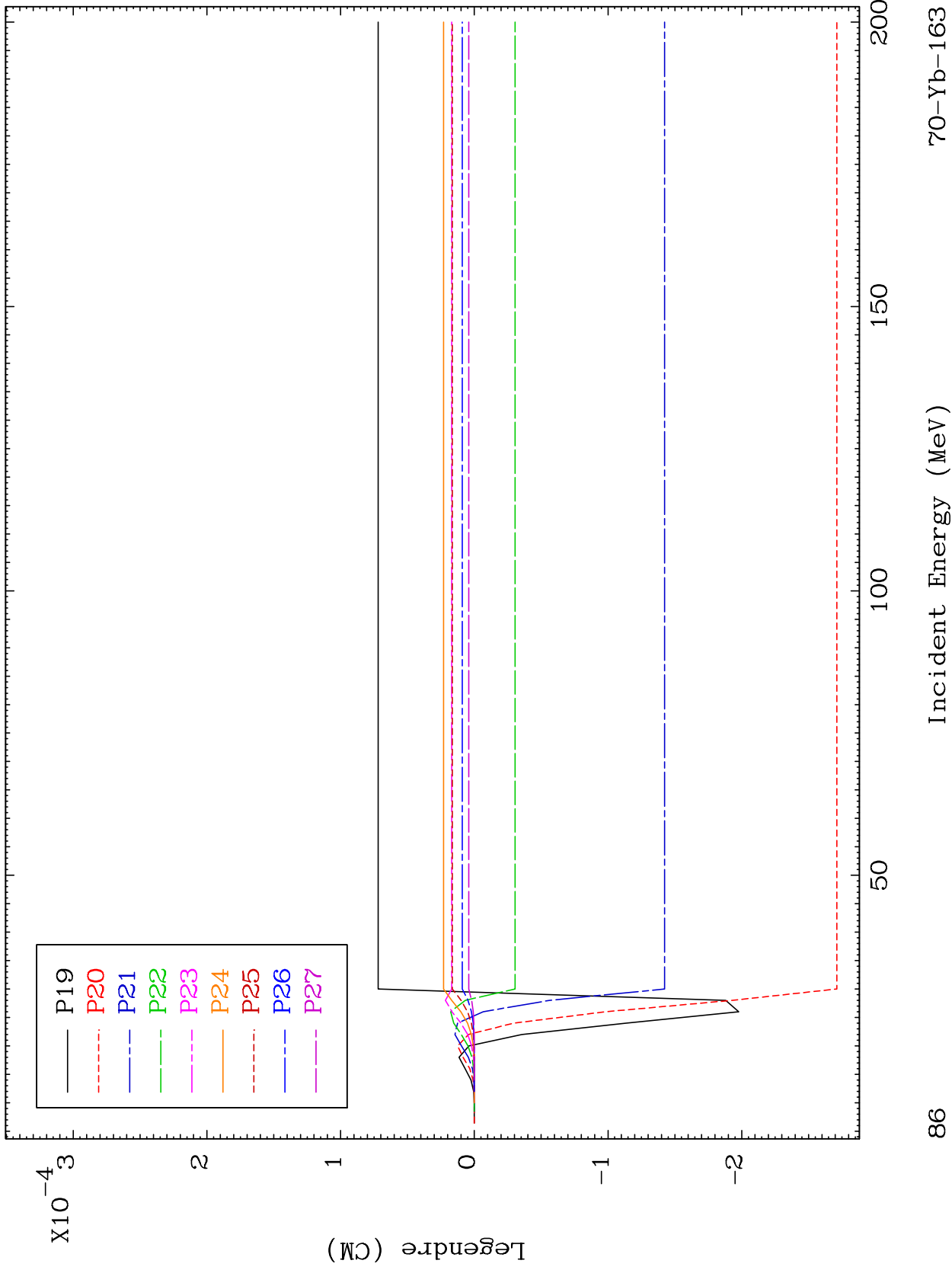


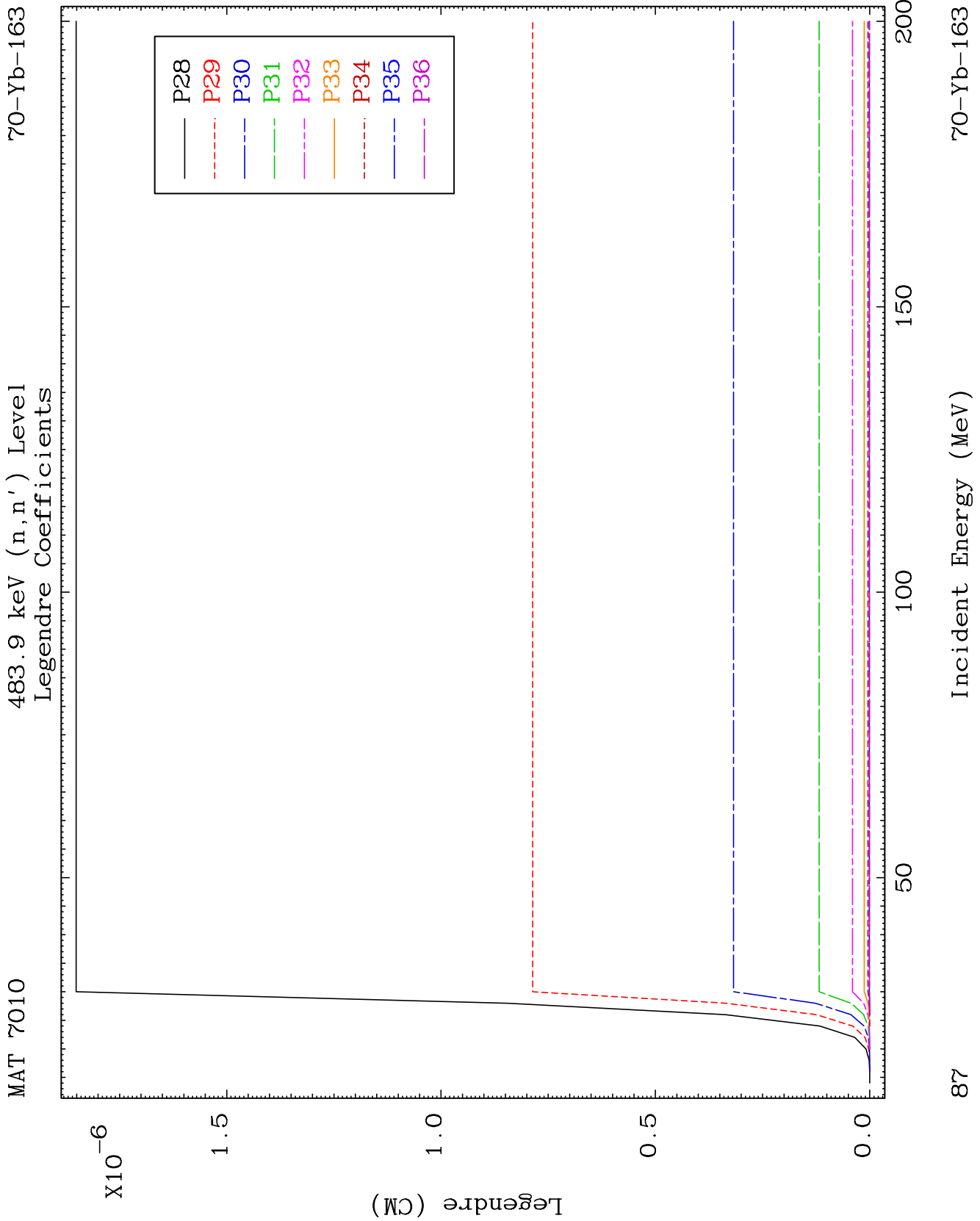
84

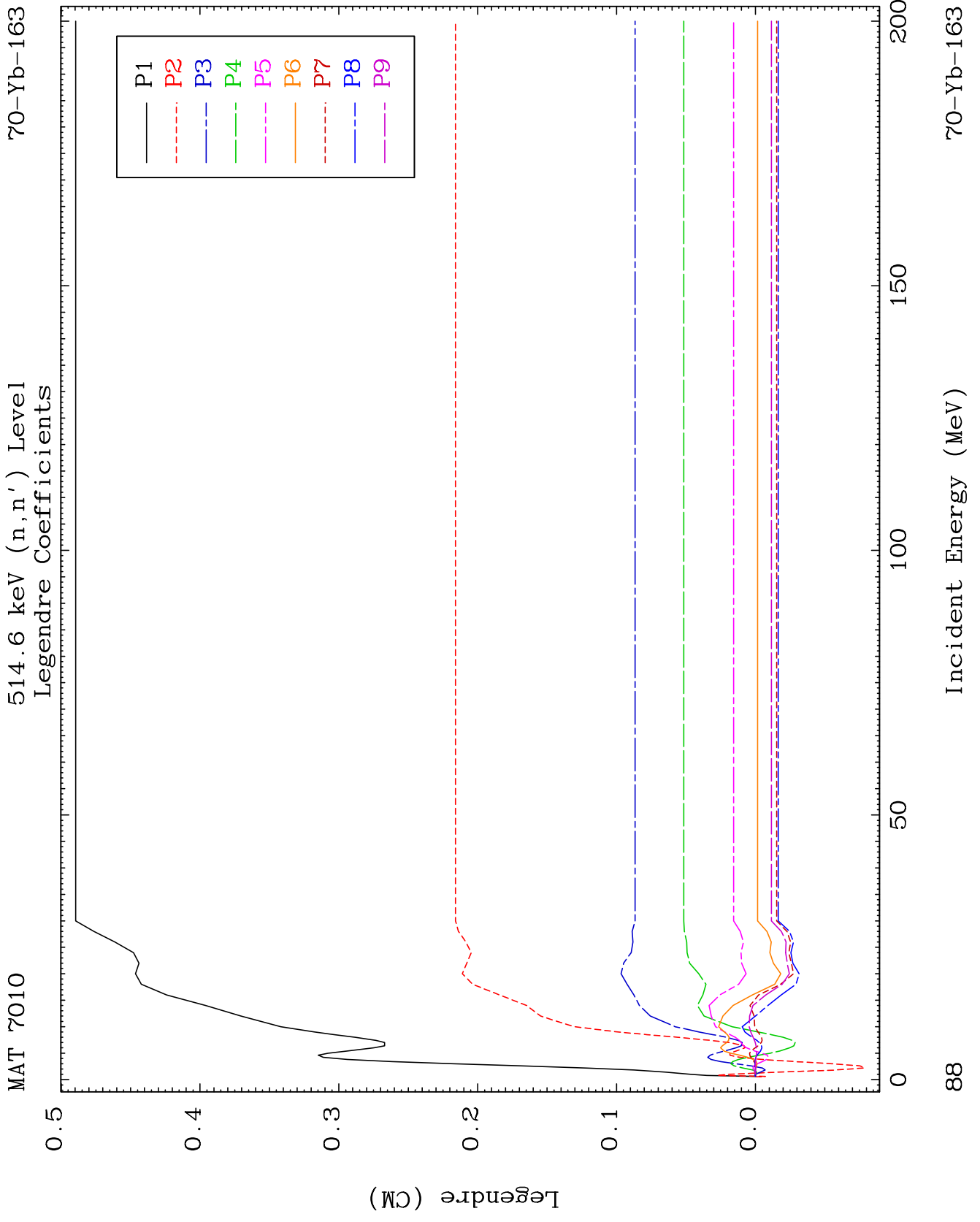
Incident Energy (MeV)

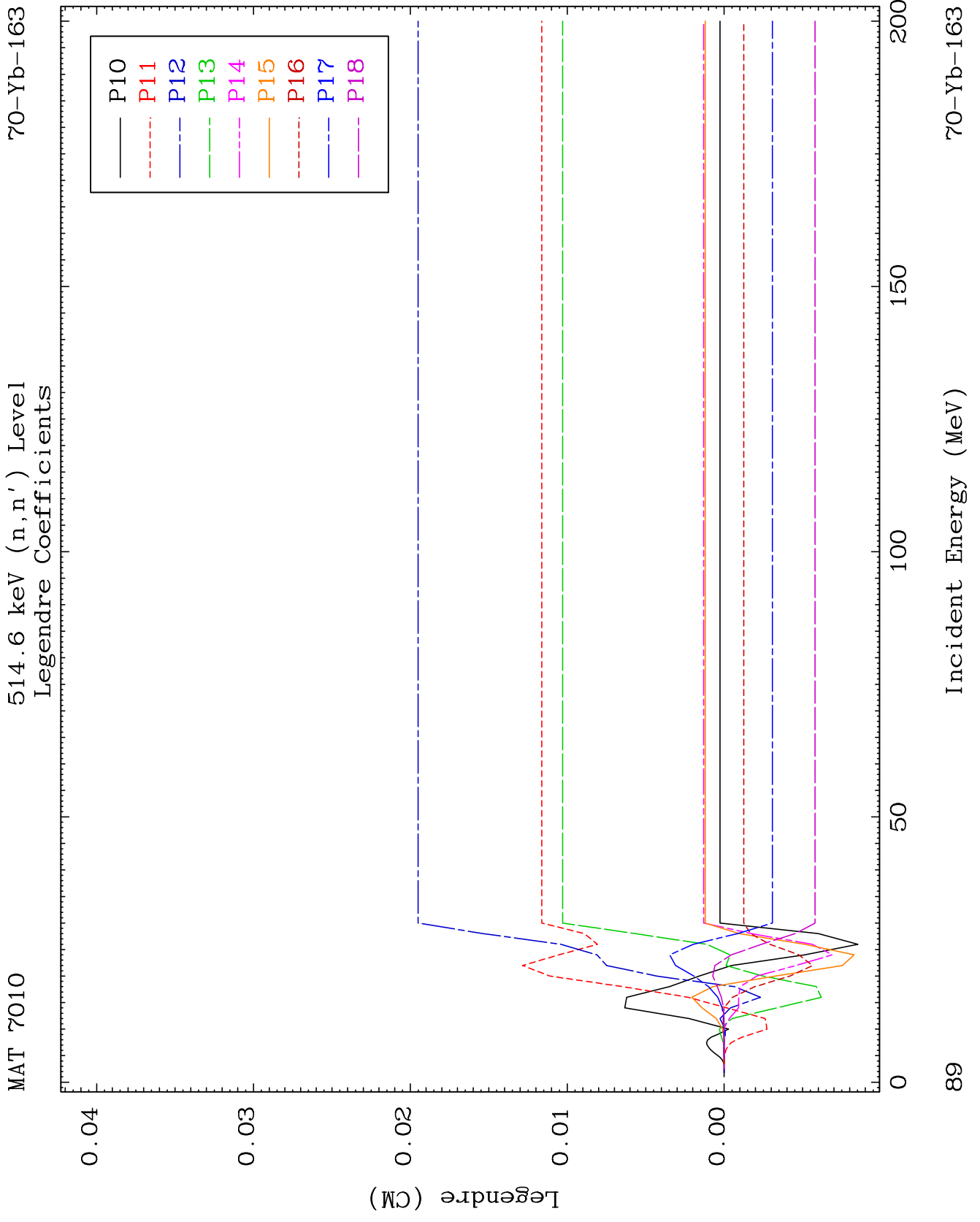
70-Yb-163







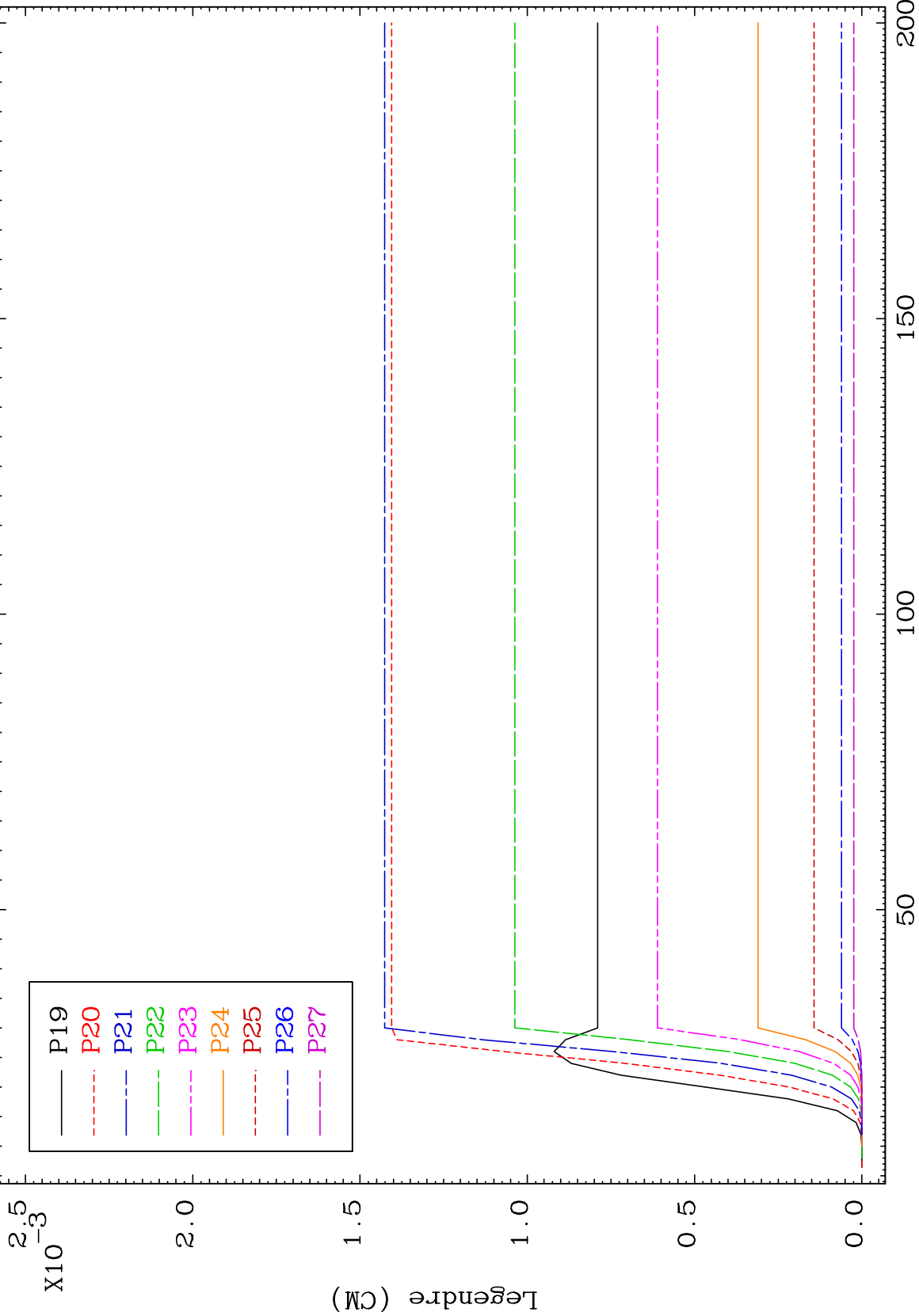




MAT 7010

514.6 keV (n, n') Level
Legendre Coefficients

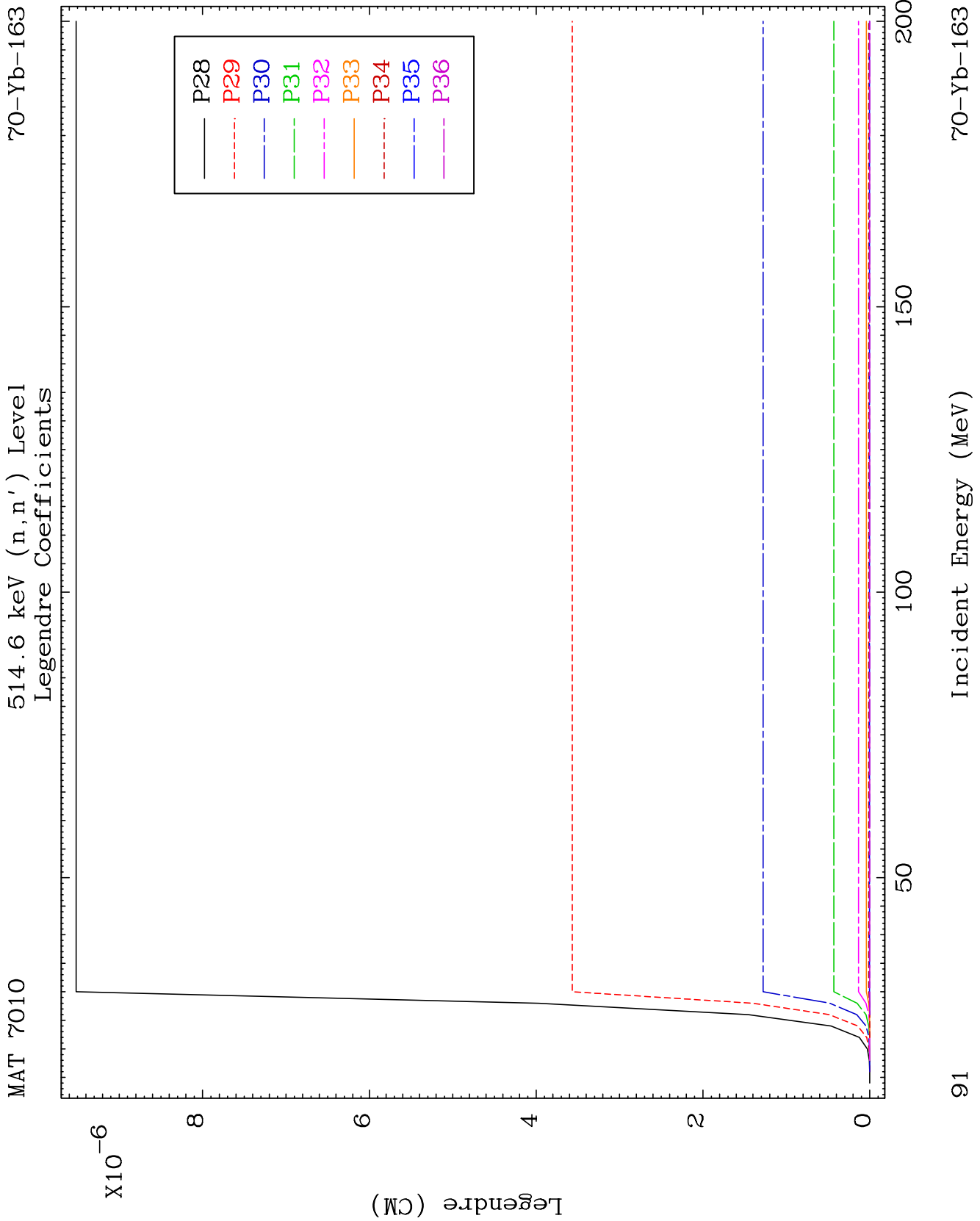
70-Yb-163

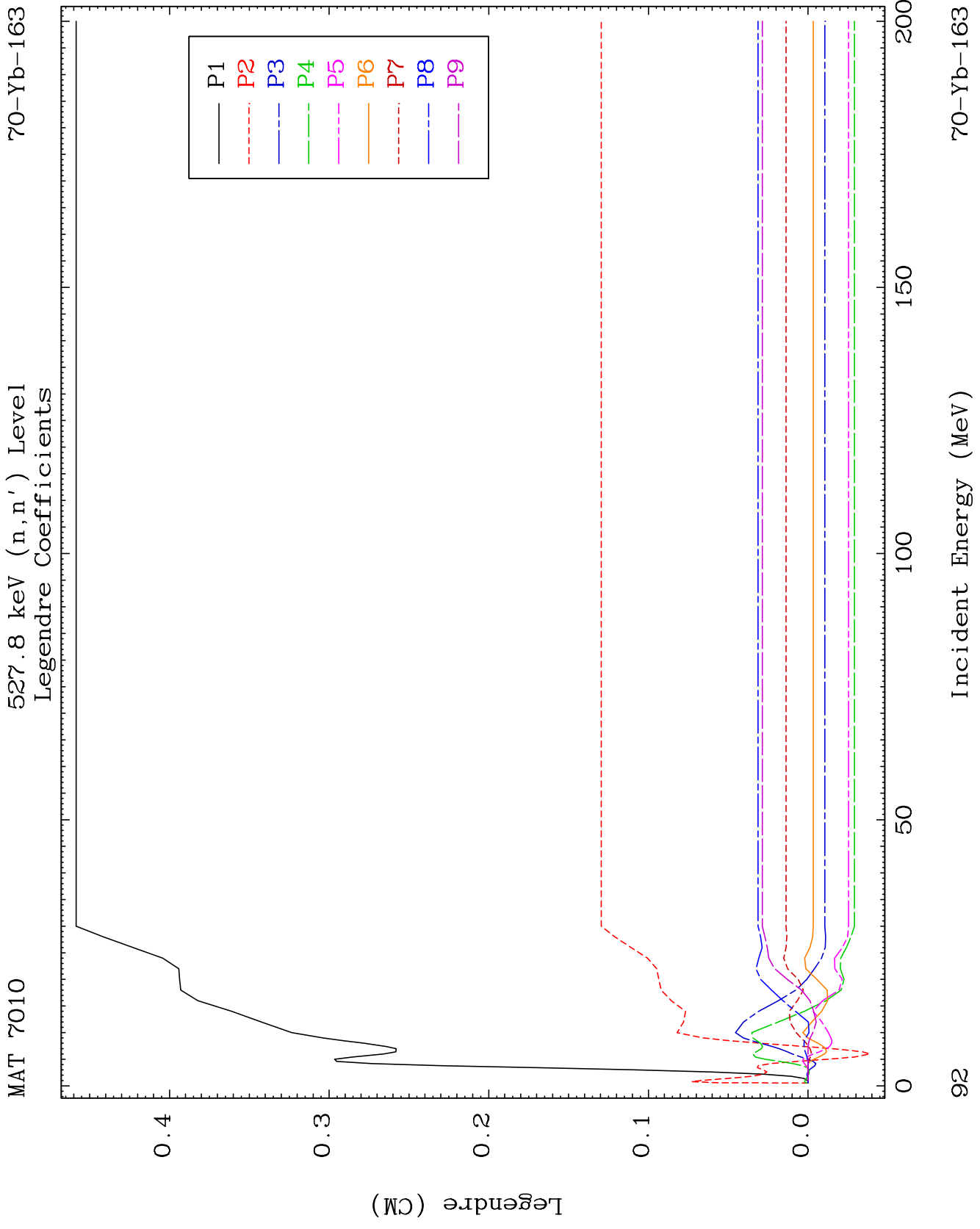


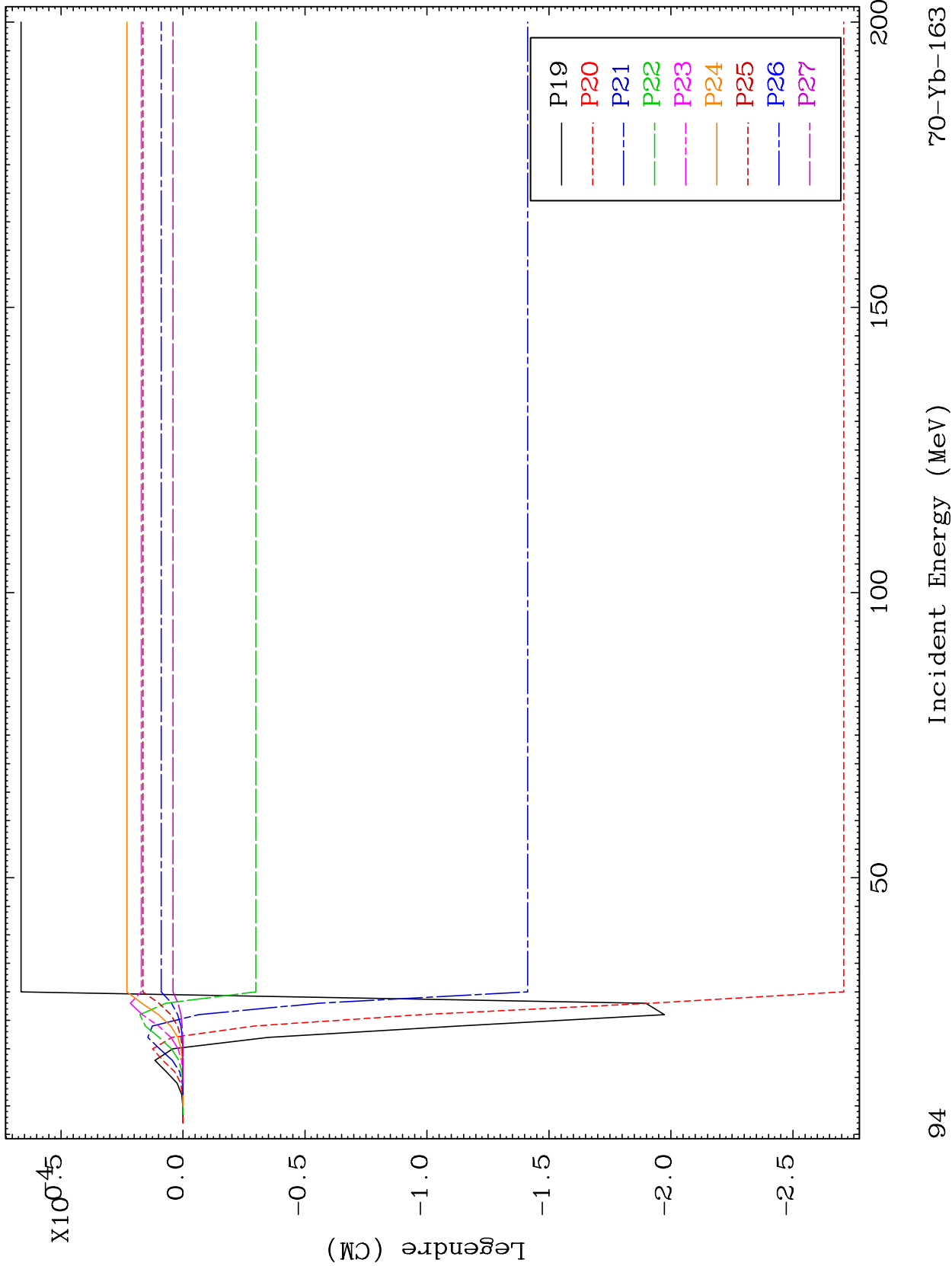
90

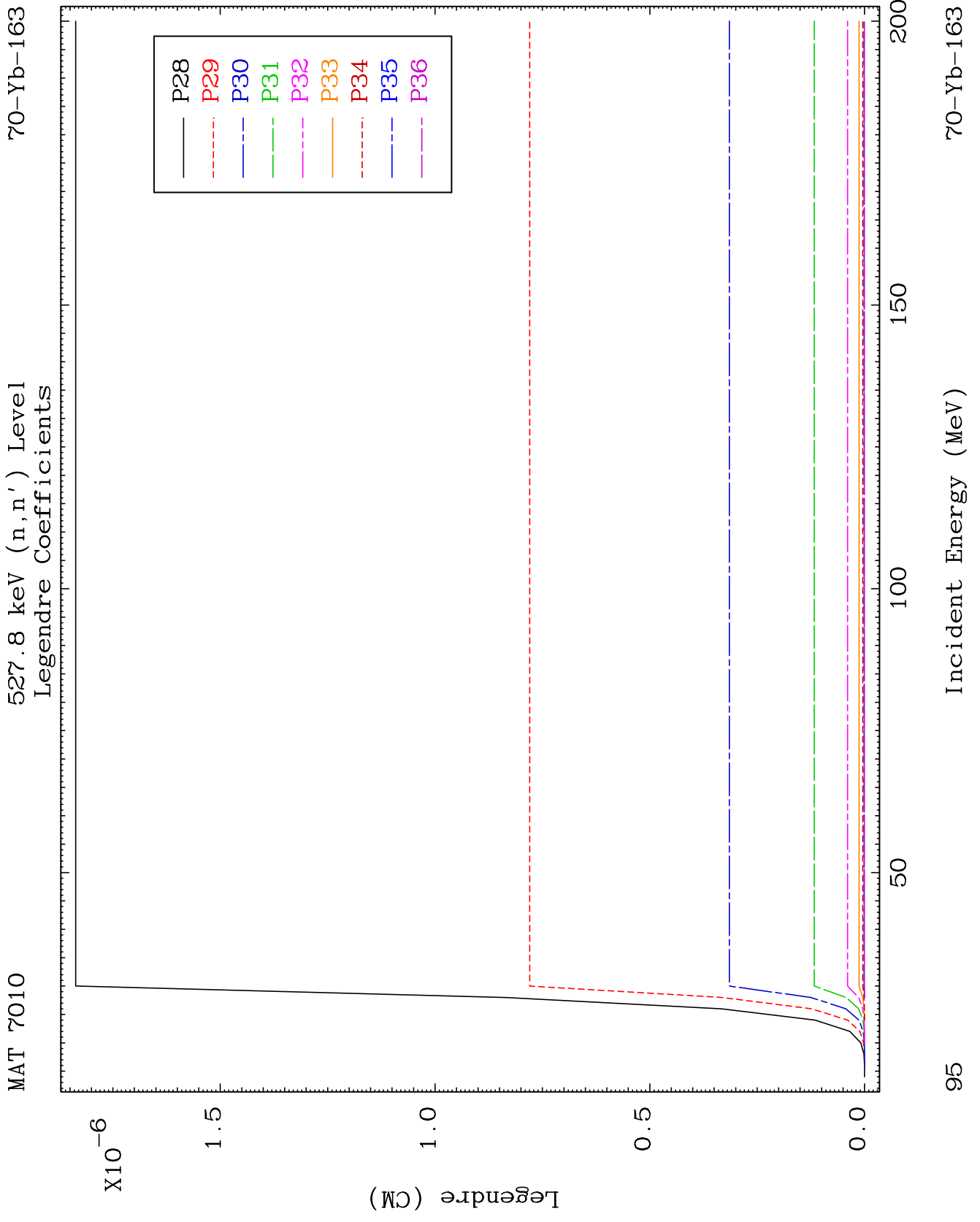
Incident Energy (MeV)

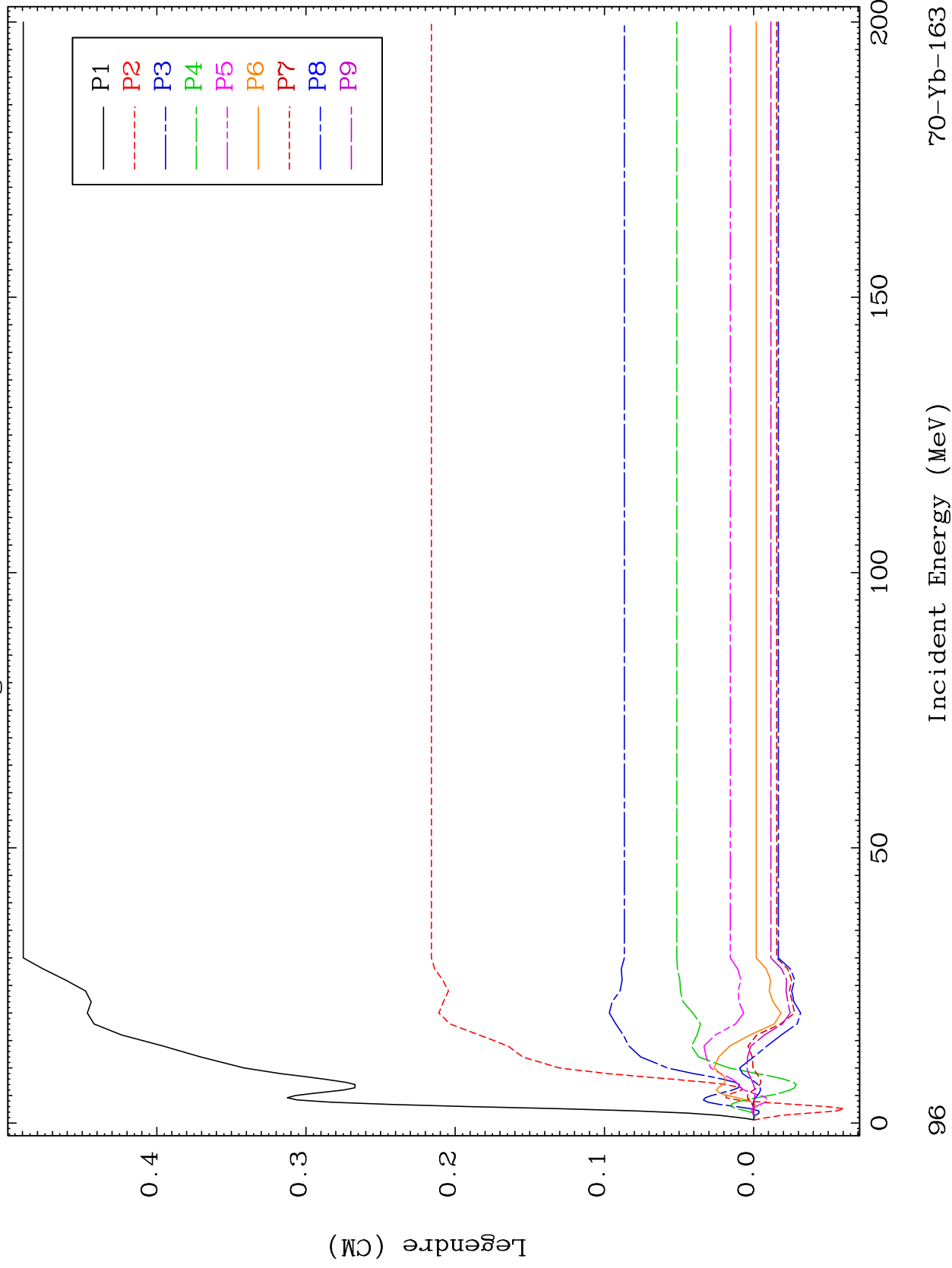
70-Yb-163







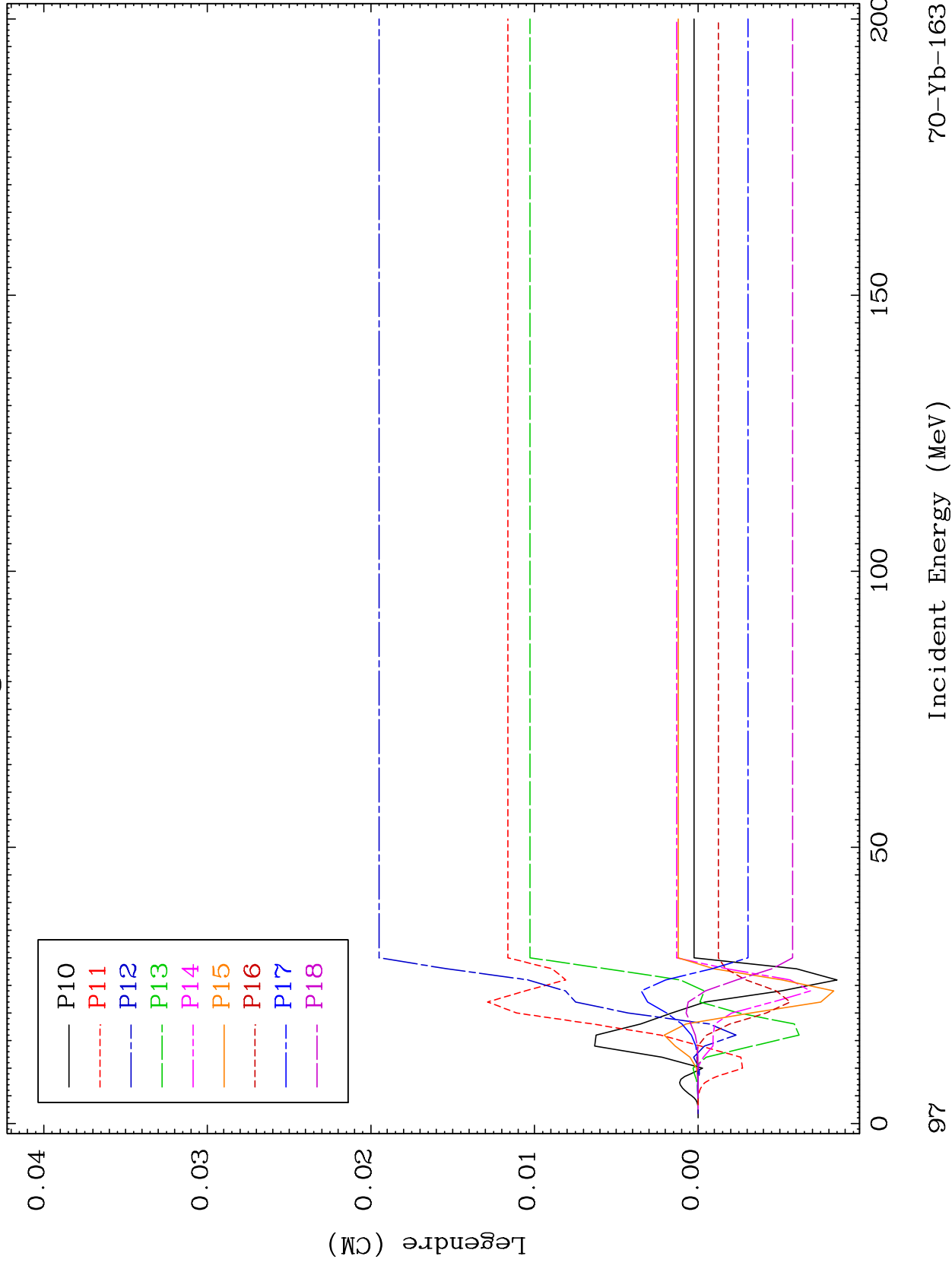




MAT 7010

537.9 keV (n,n') Level
Legendre Coefficients

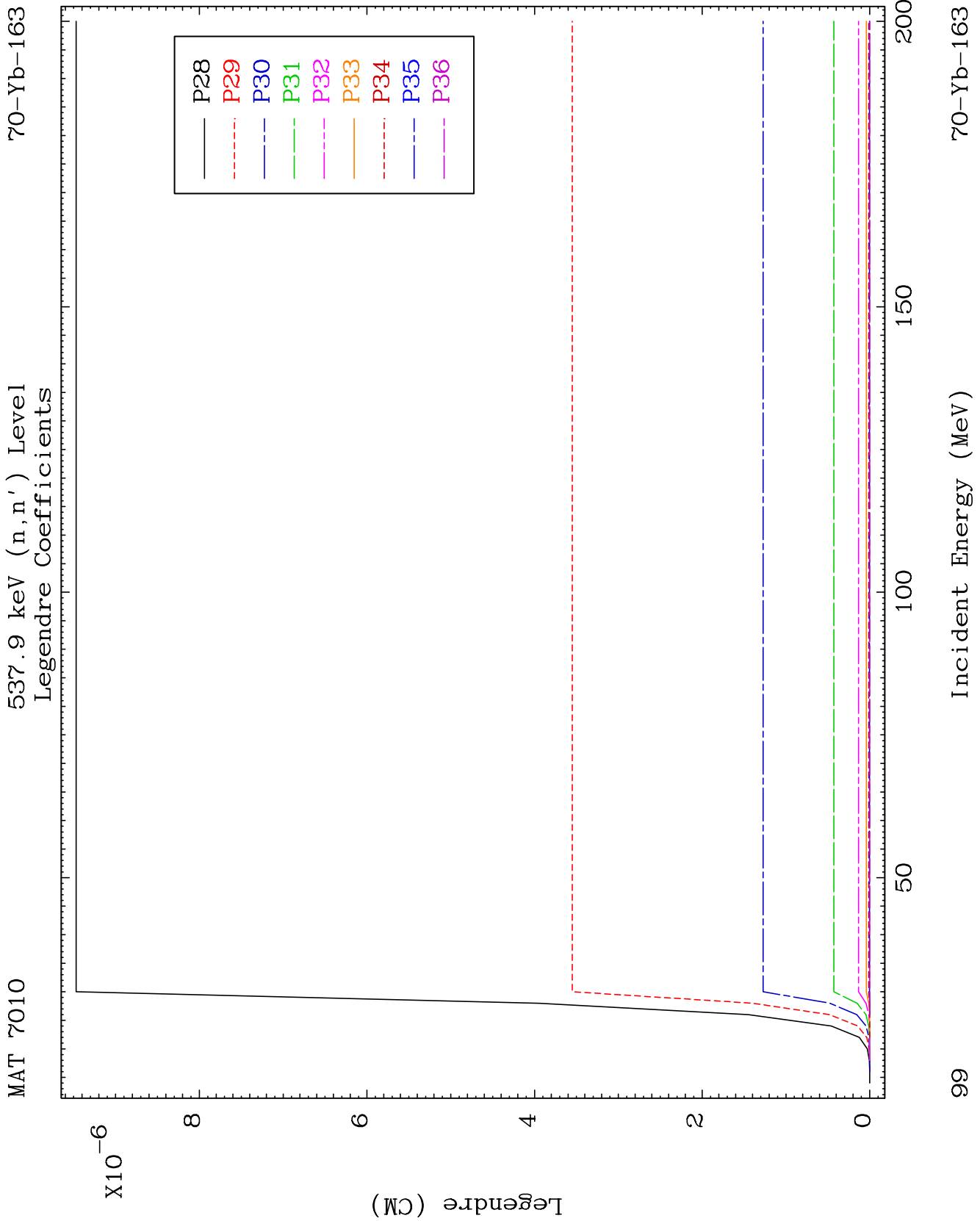
70-Yb-163

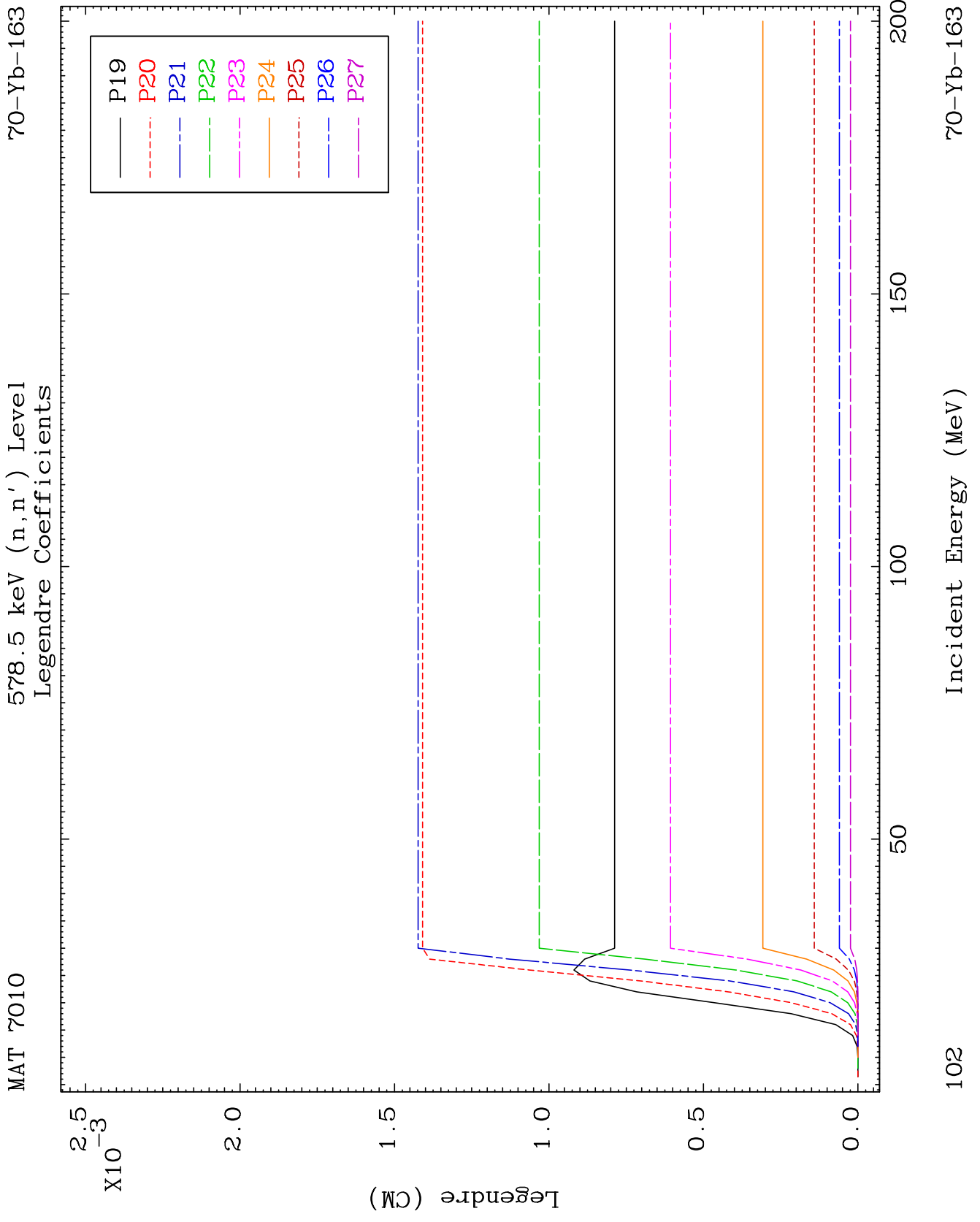


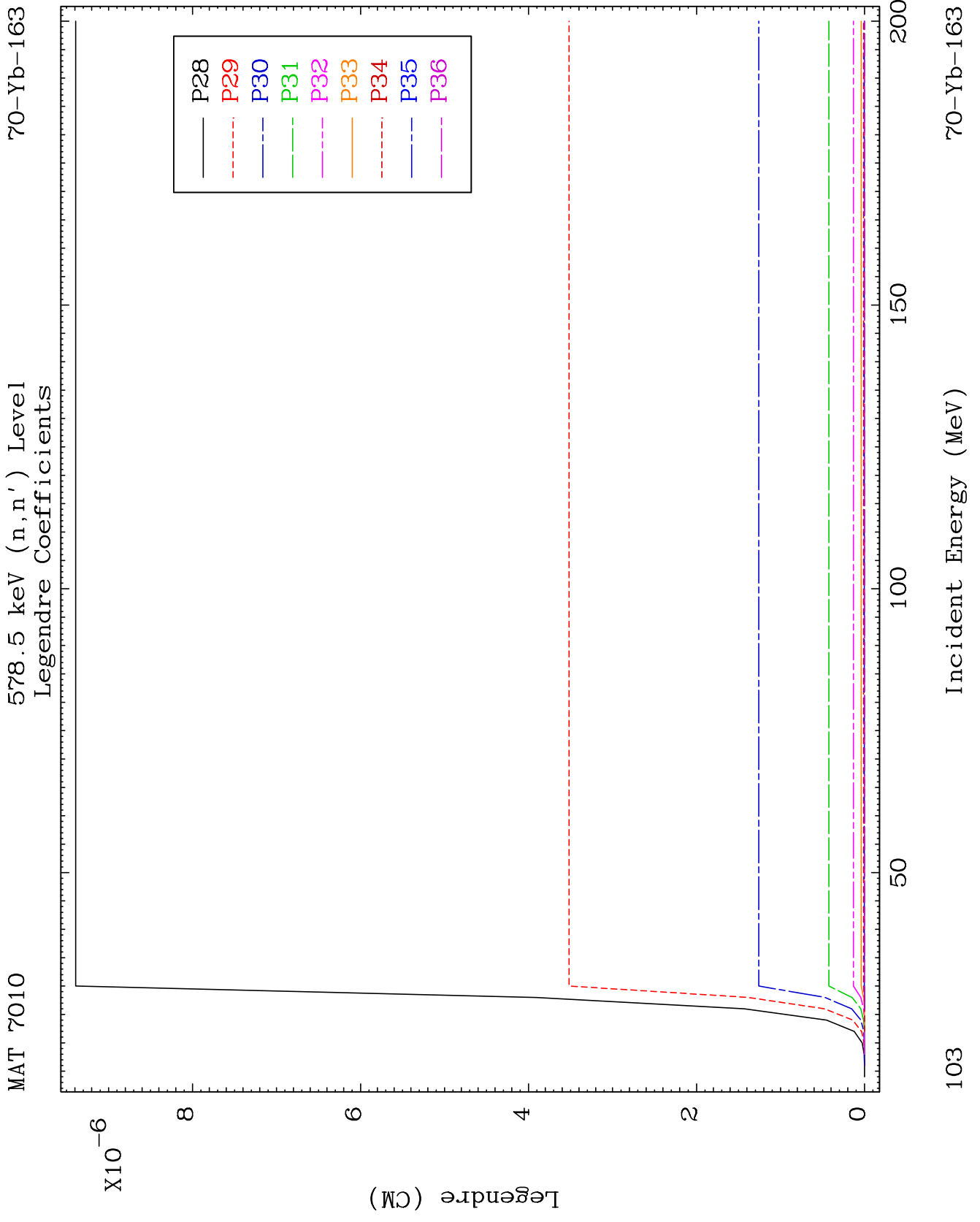
97

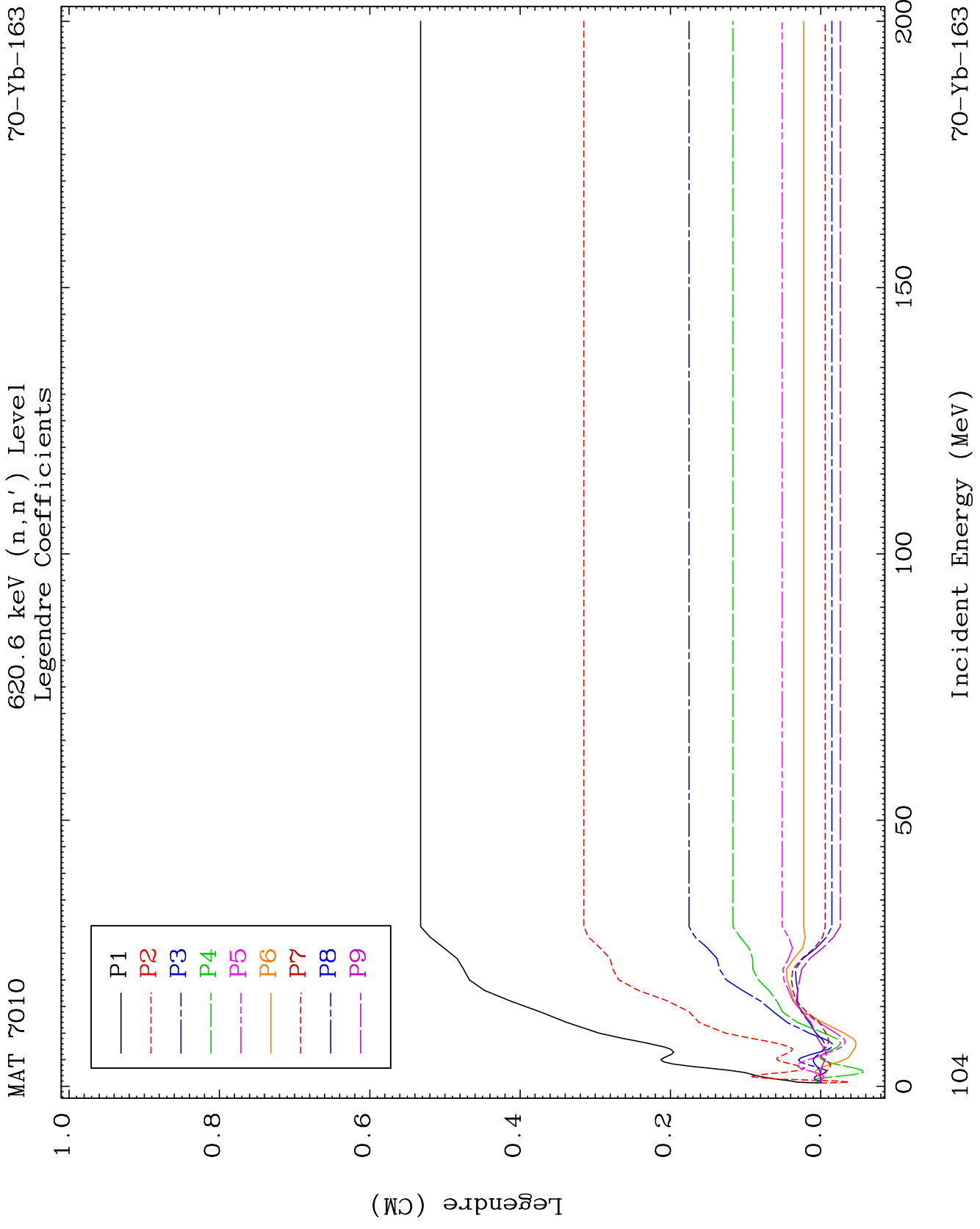
Incident Energy (MeV)

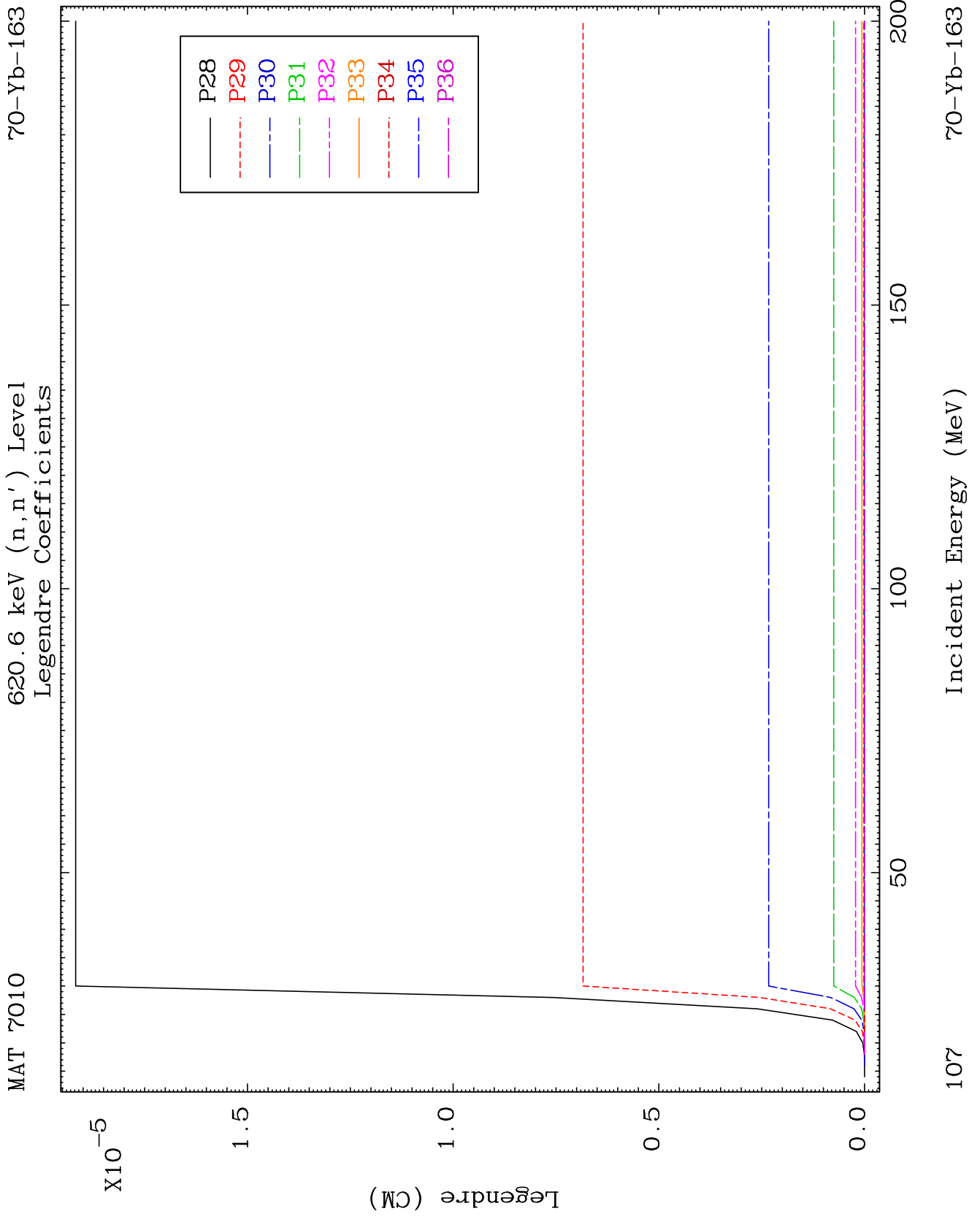
70-Yb-163

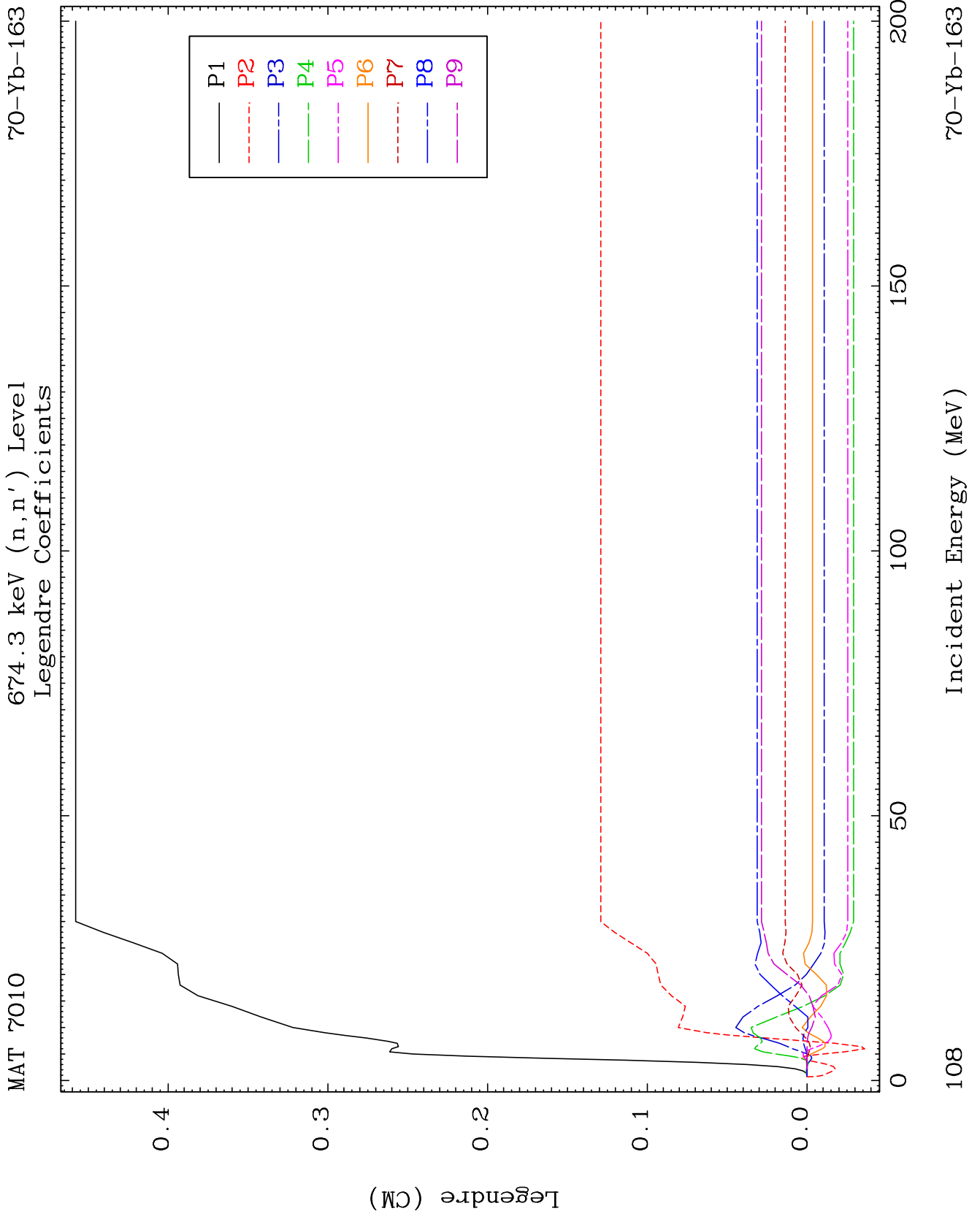


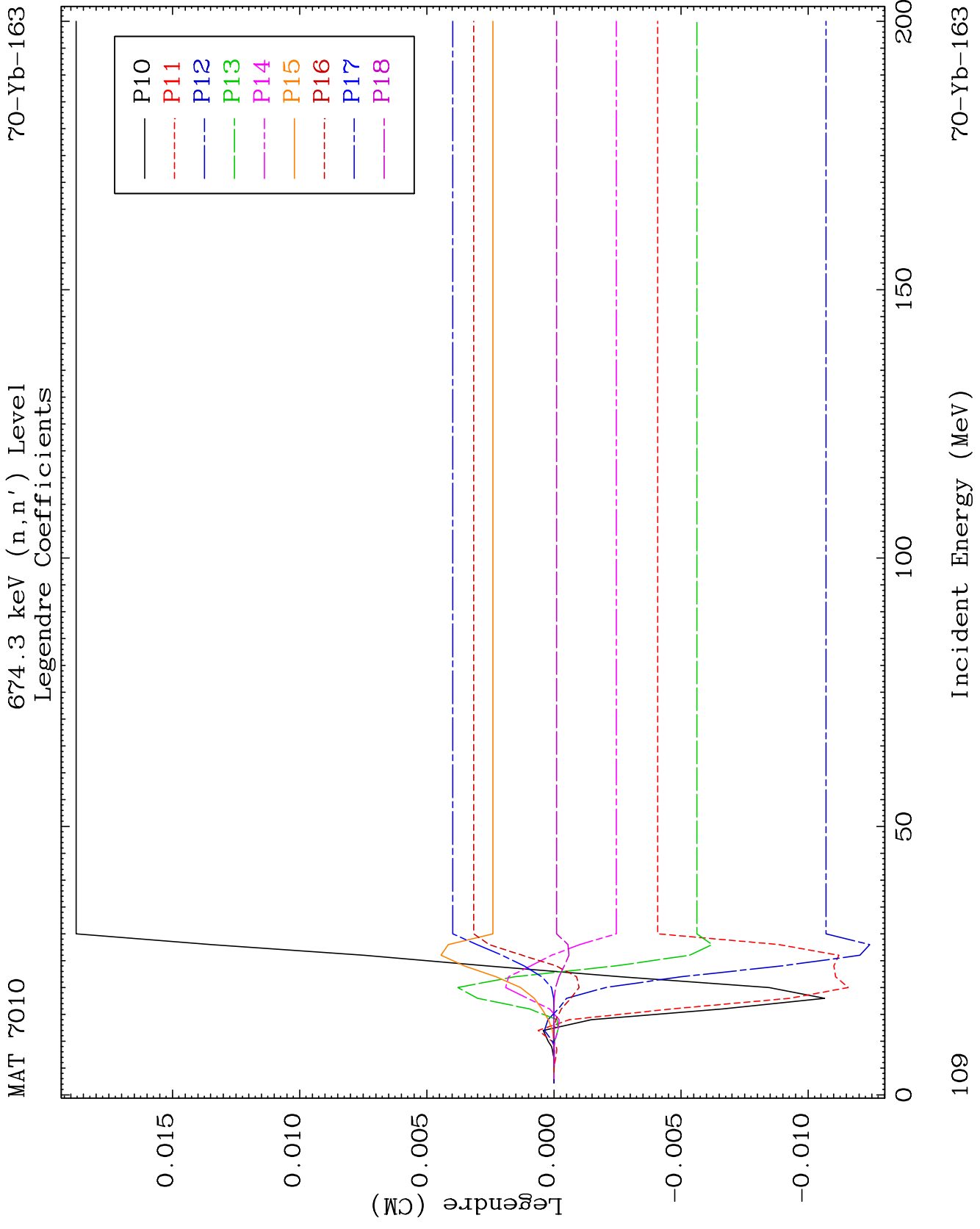


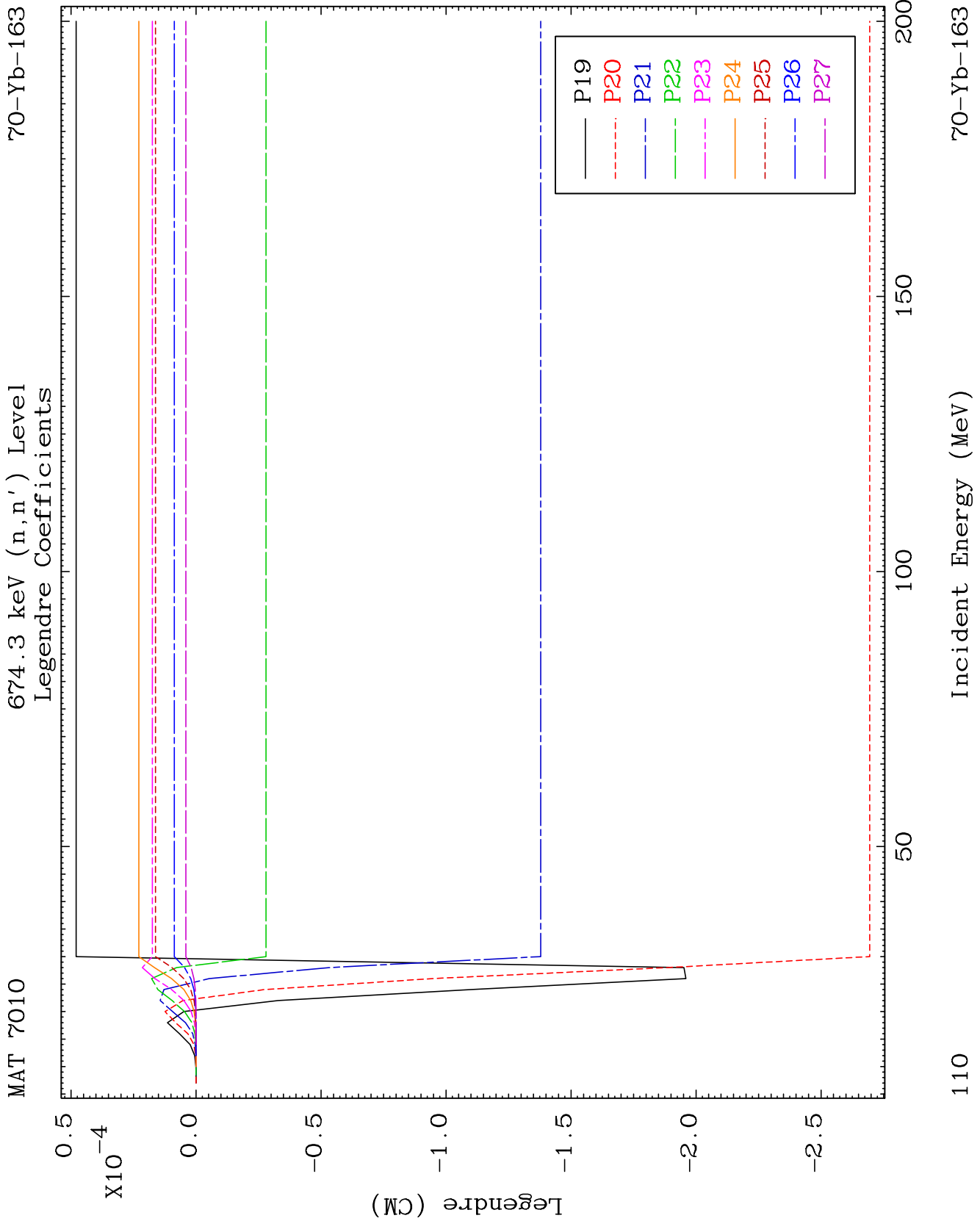


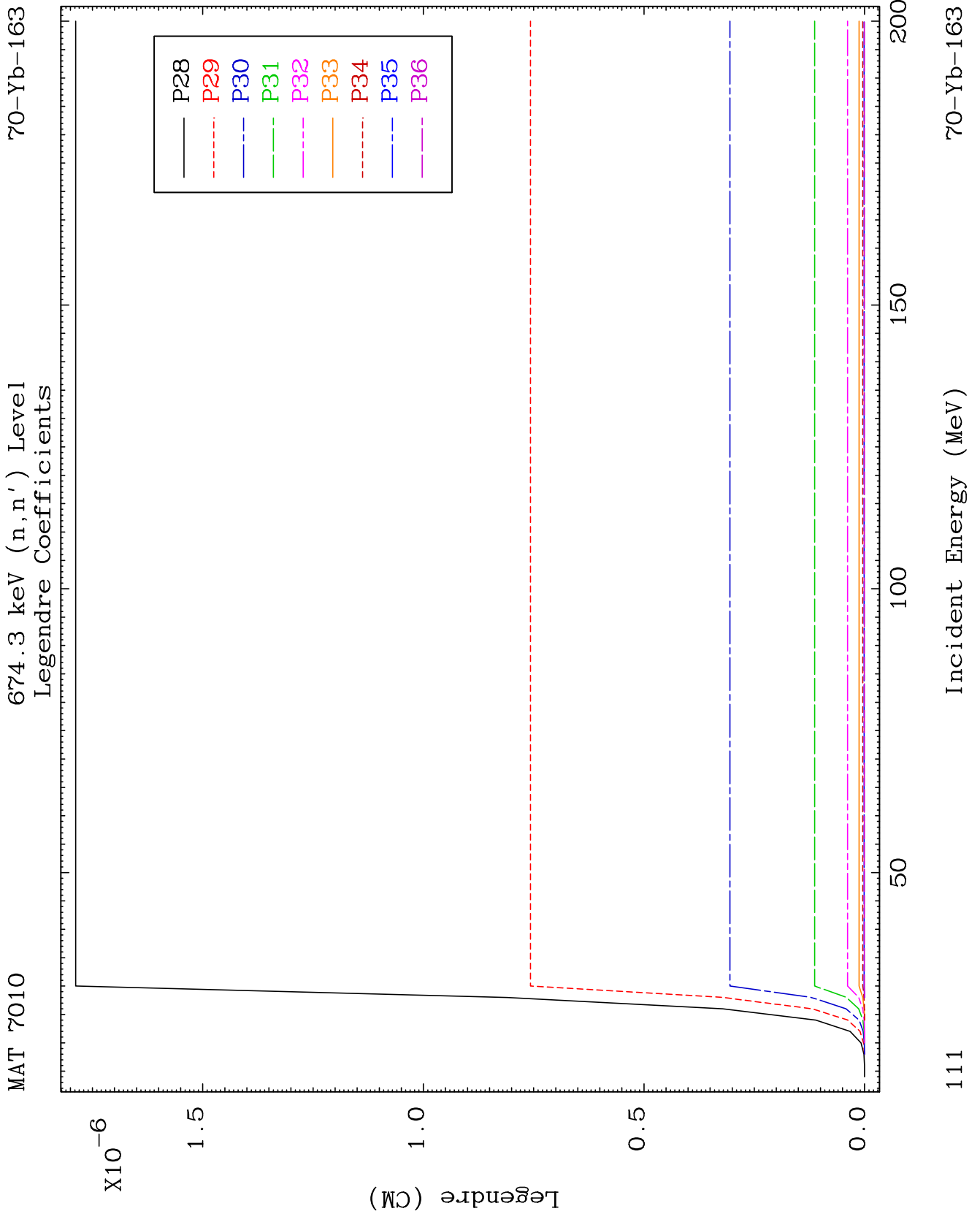


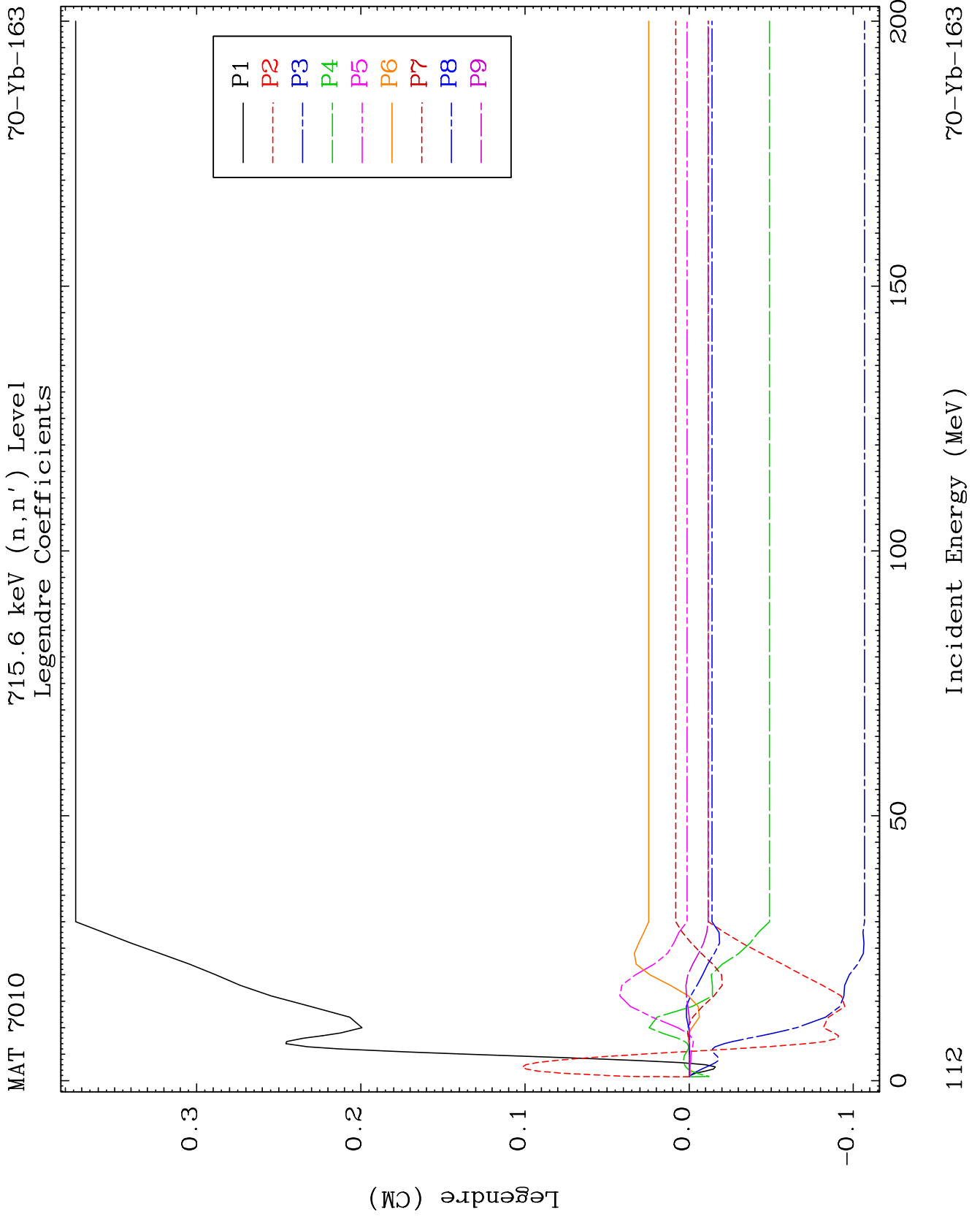


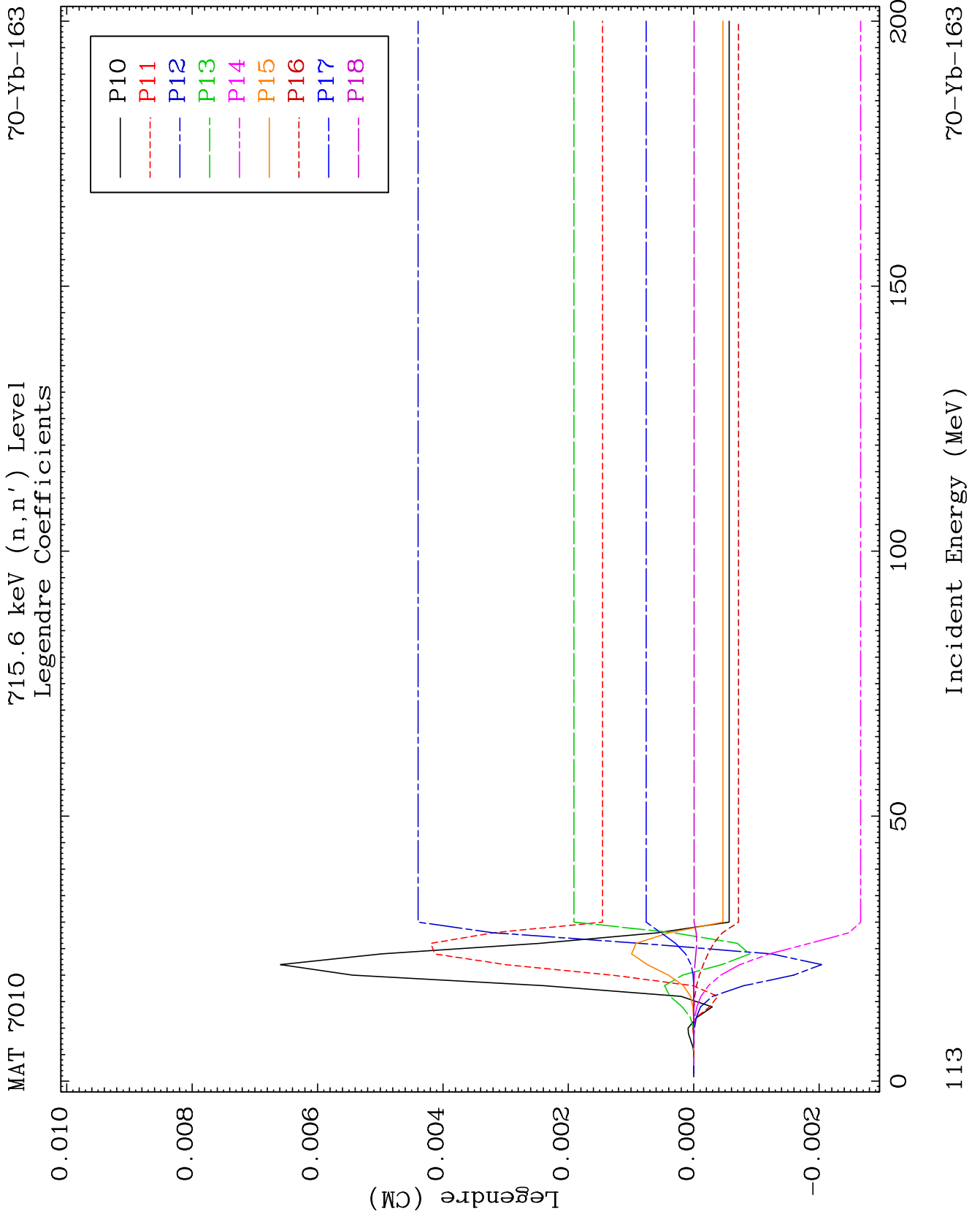


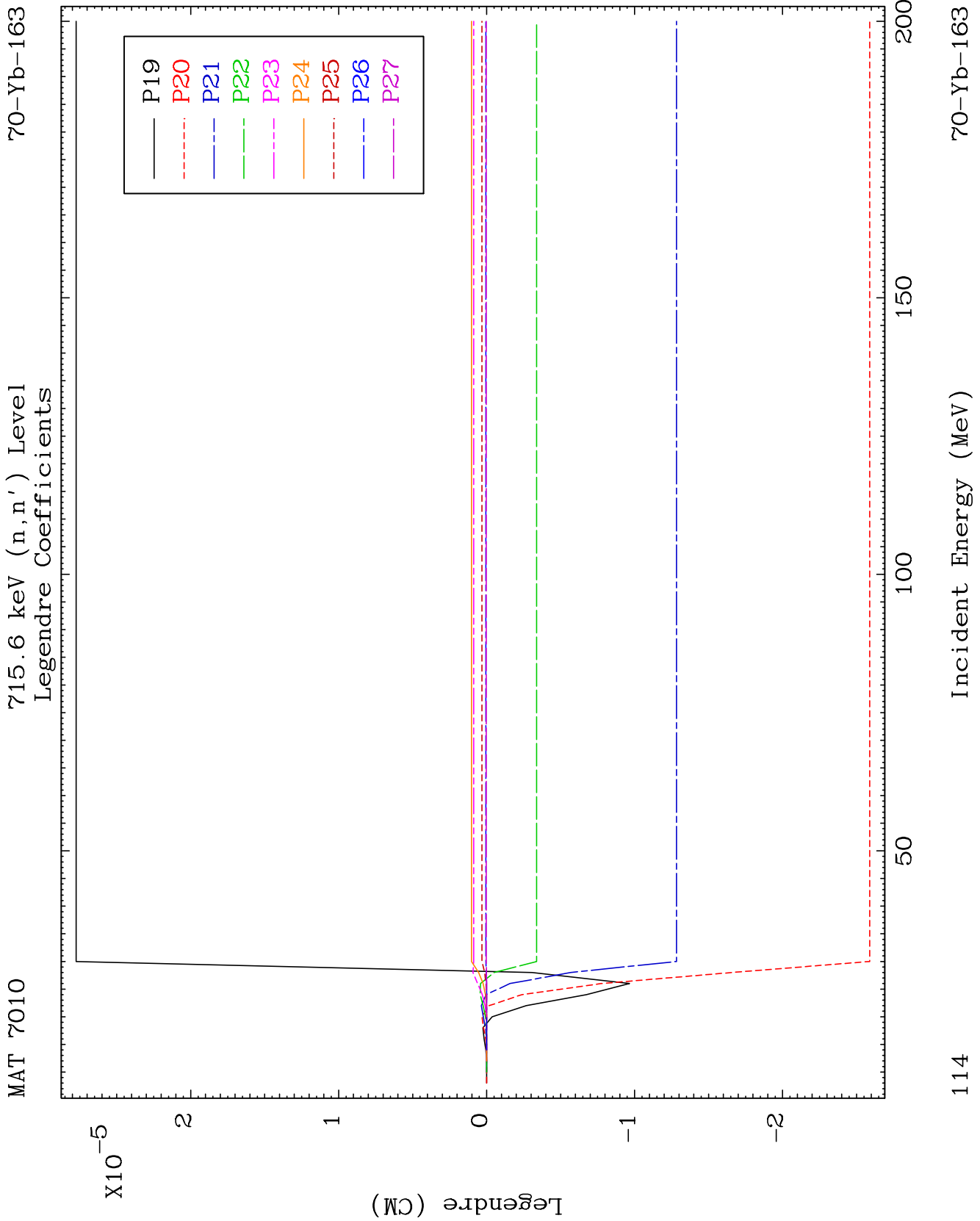


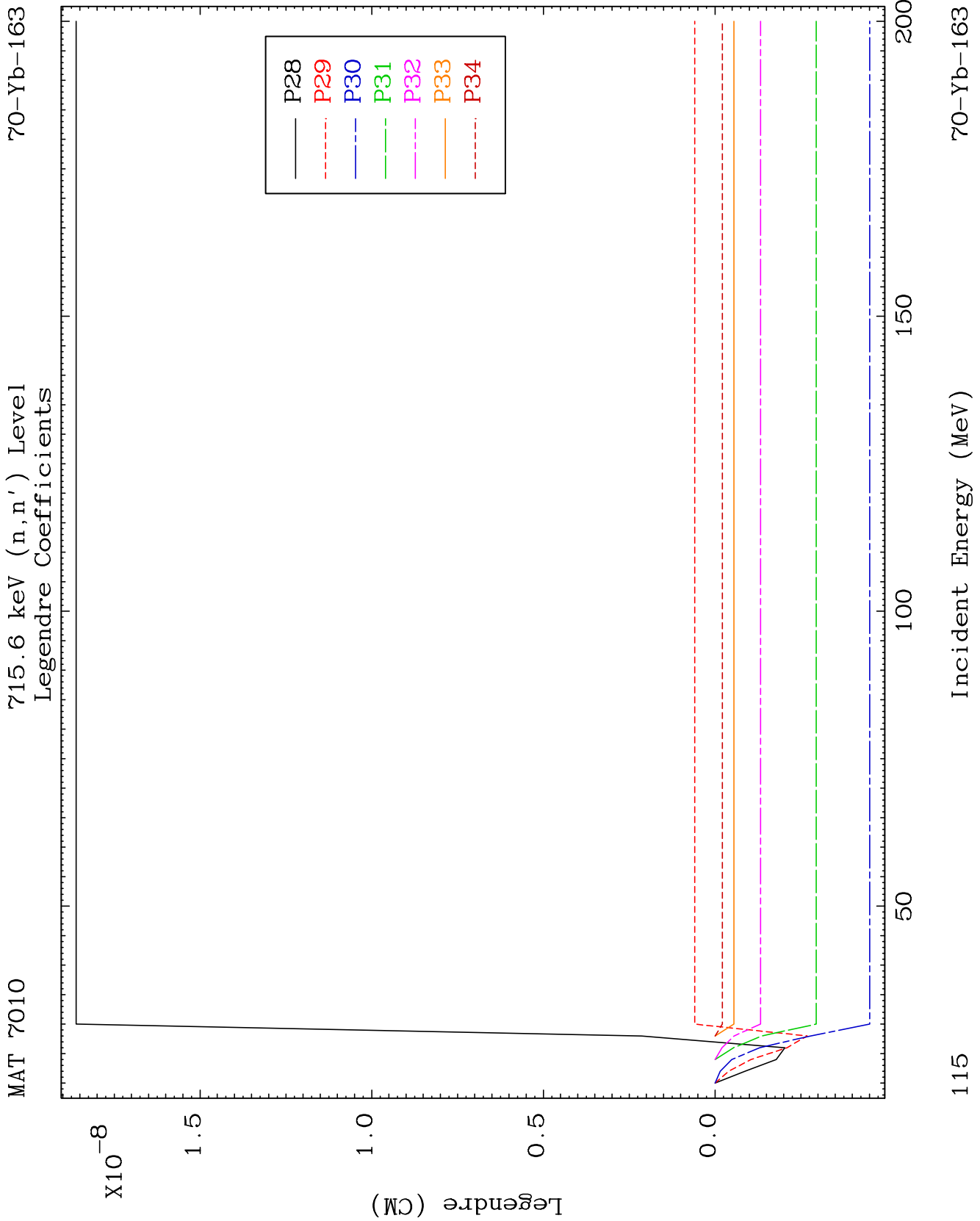


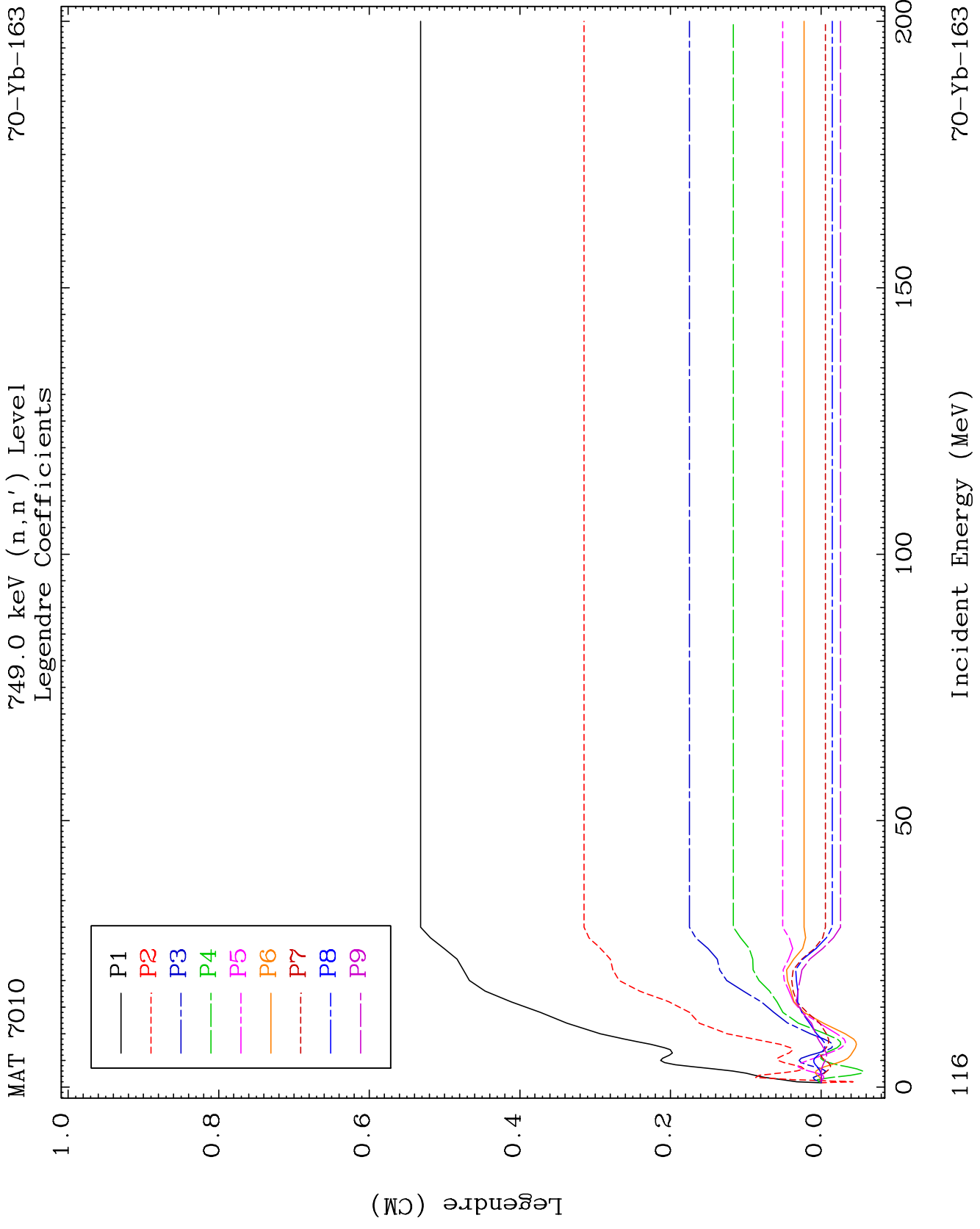


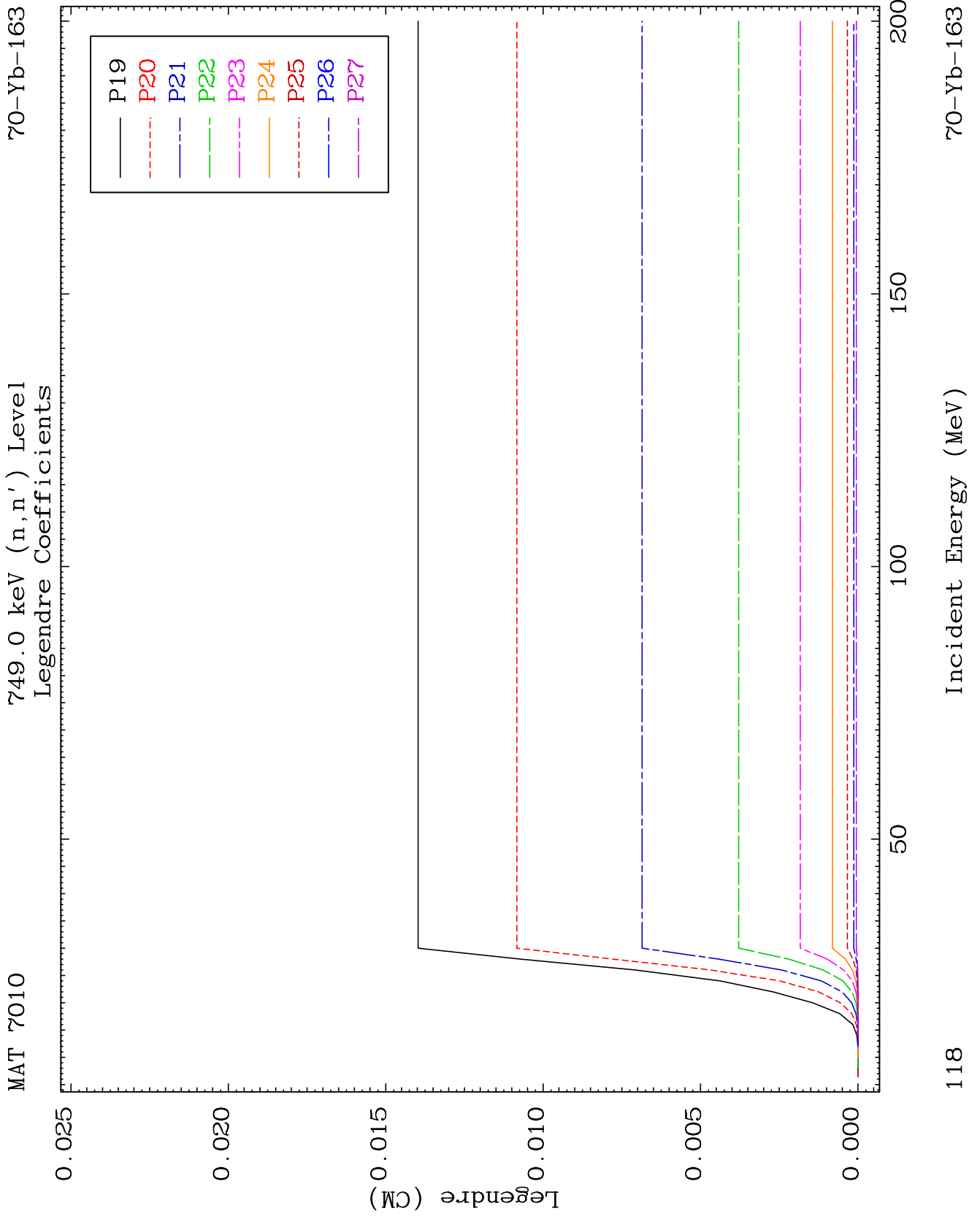


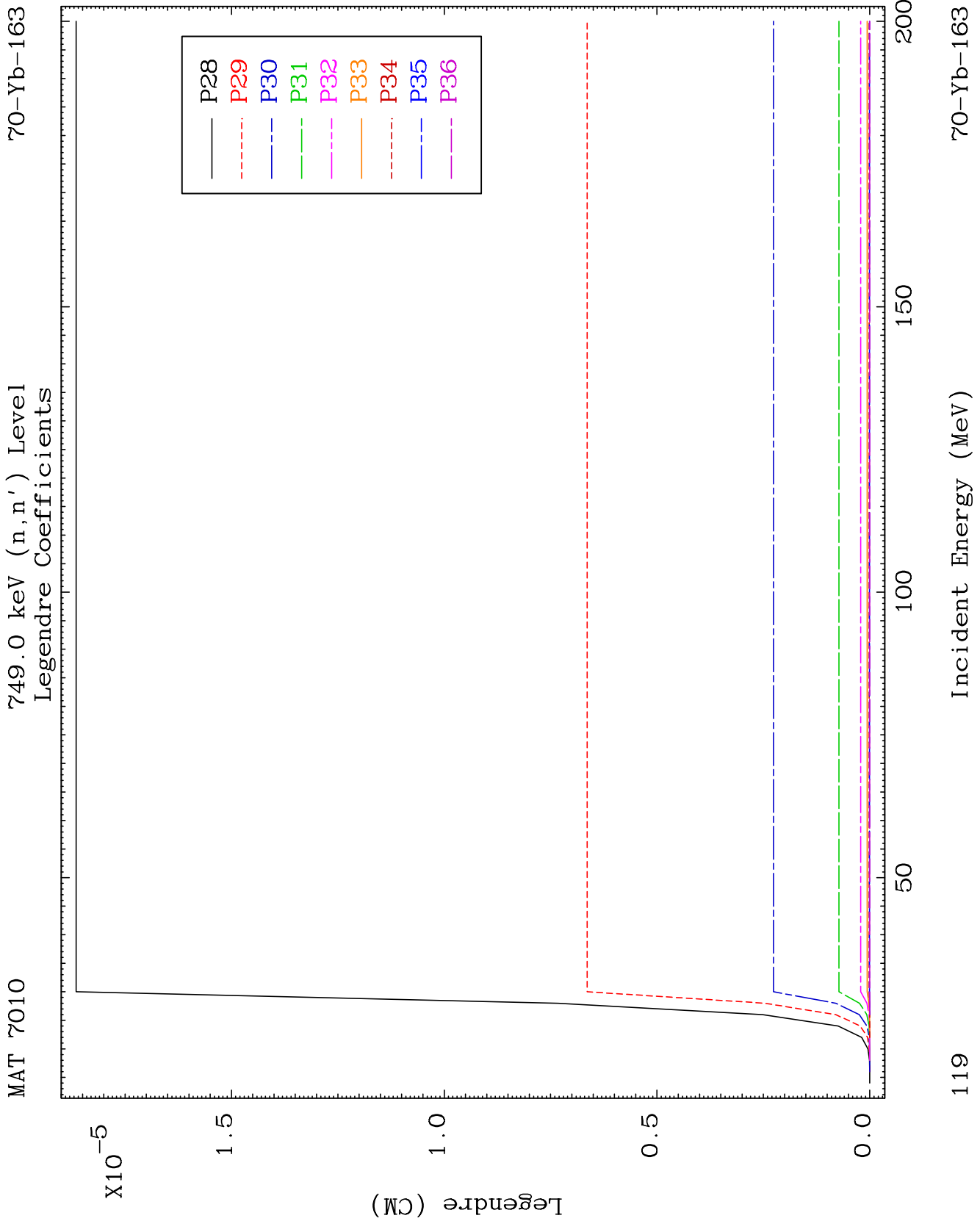


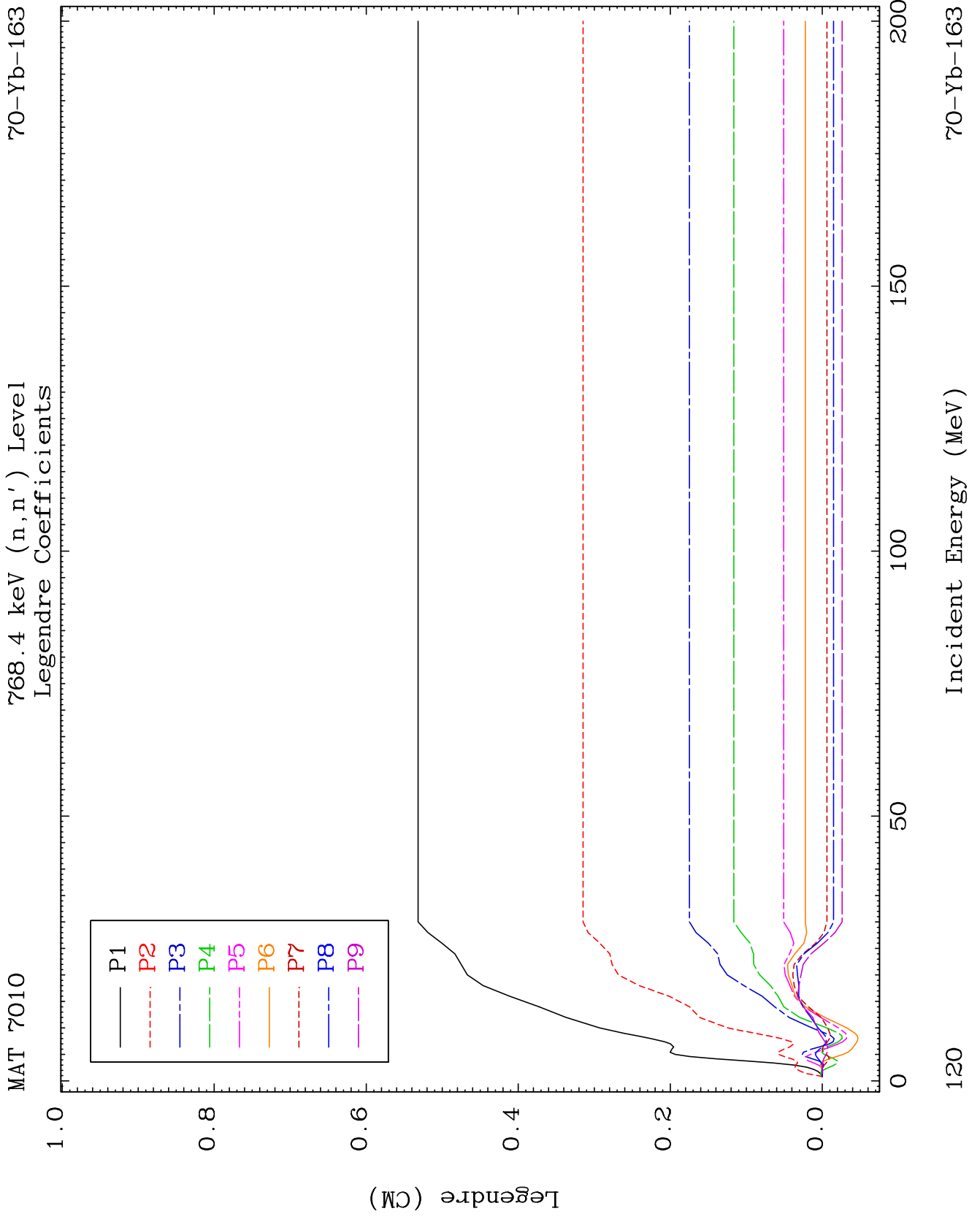


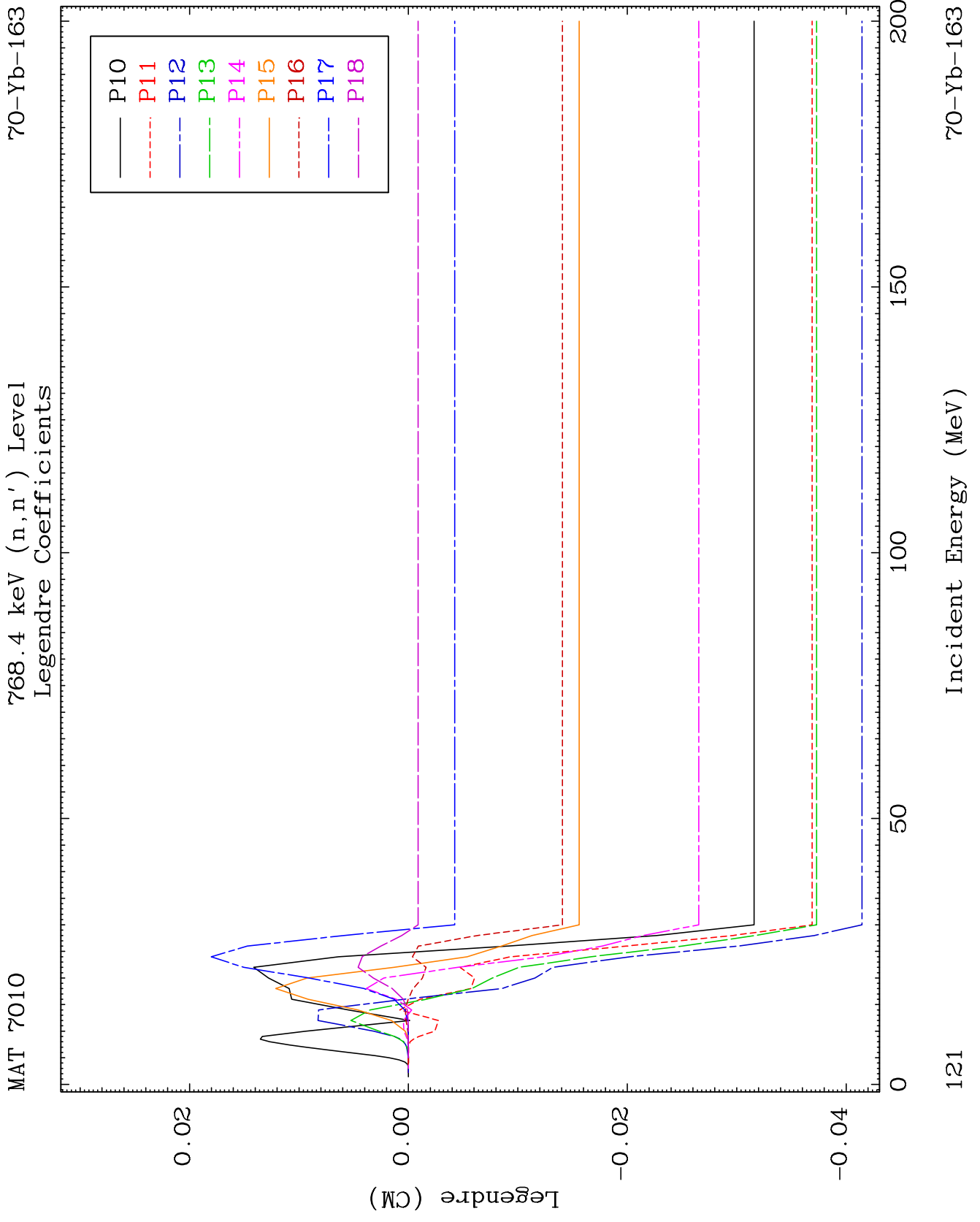


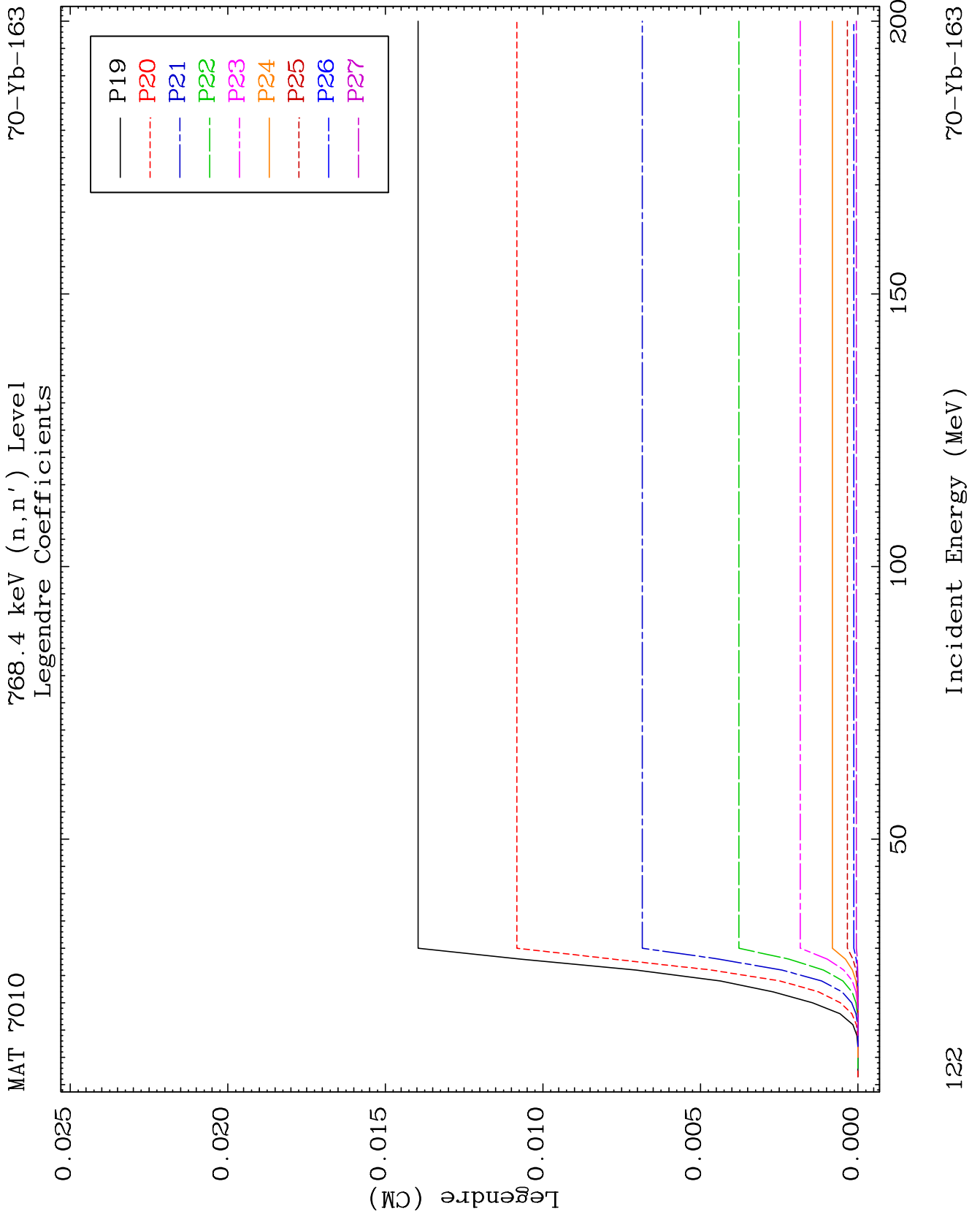


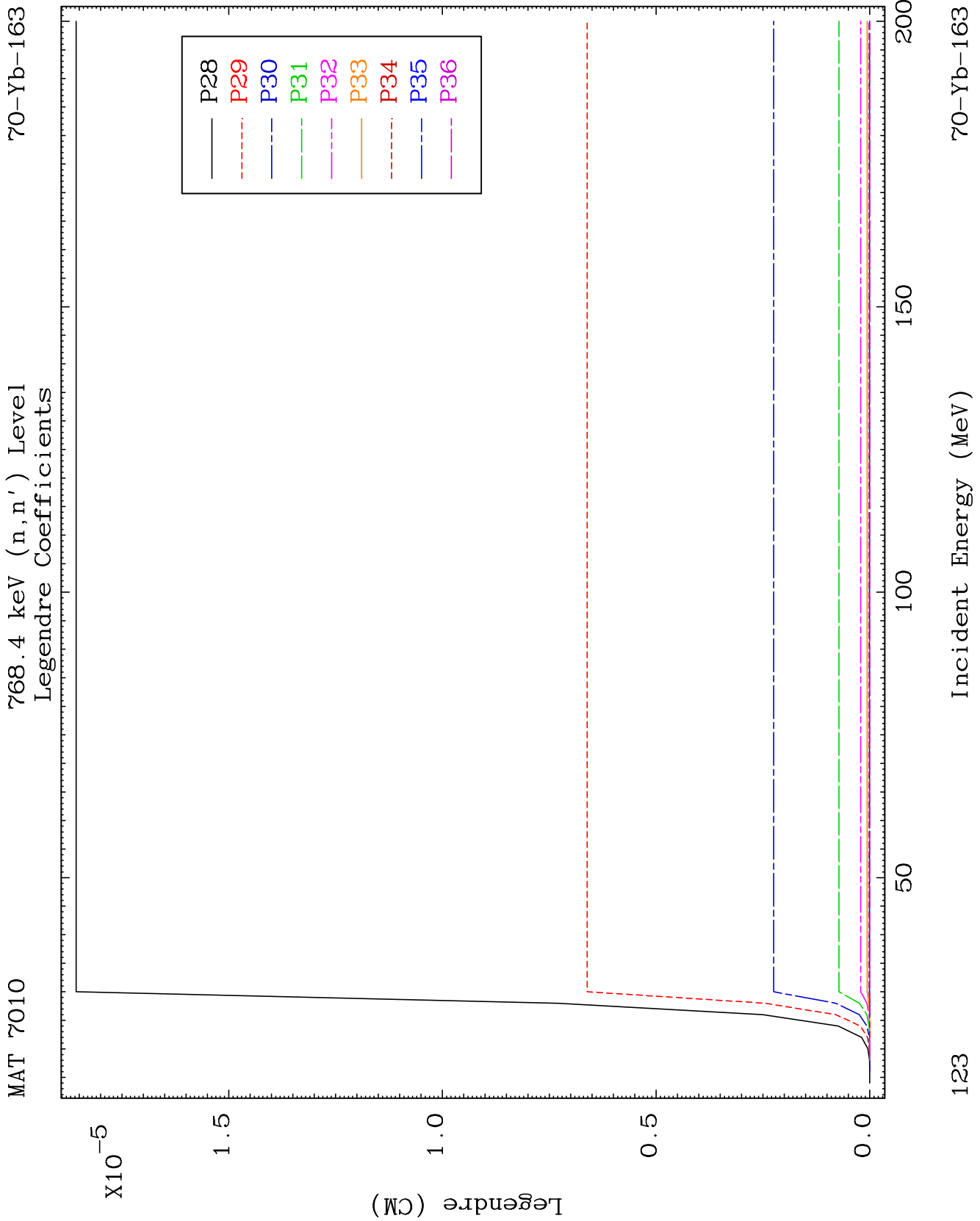


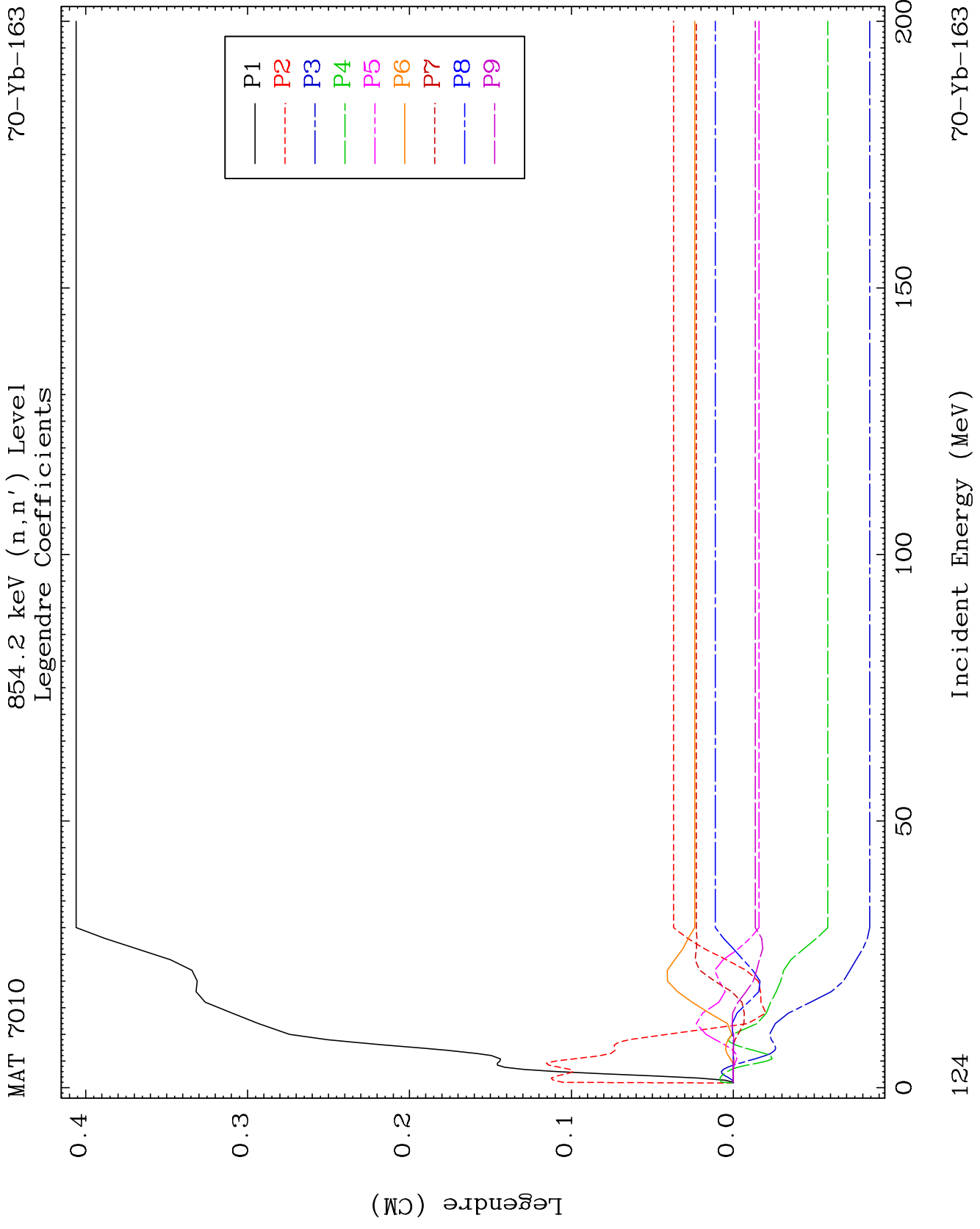


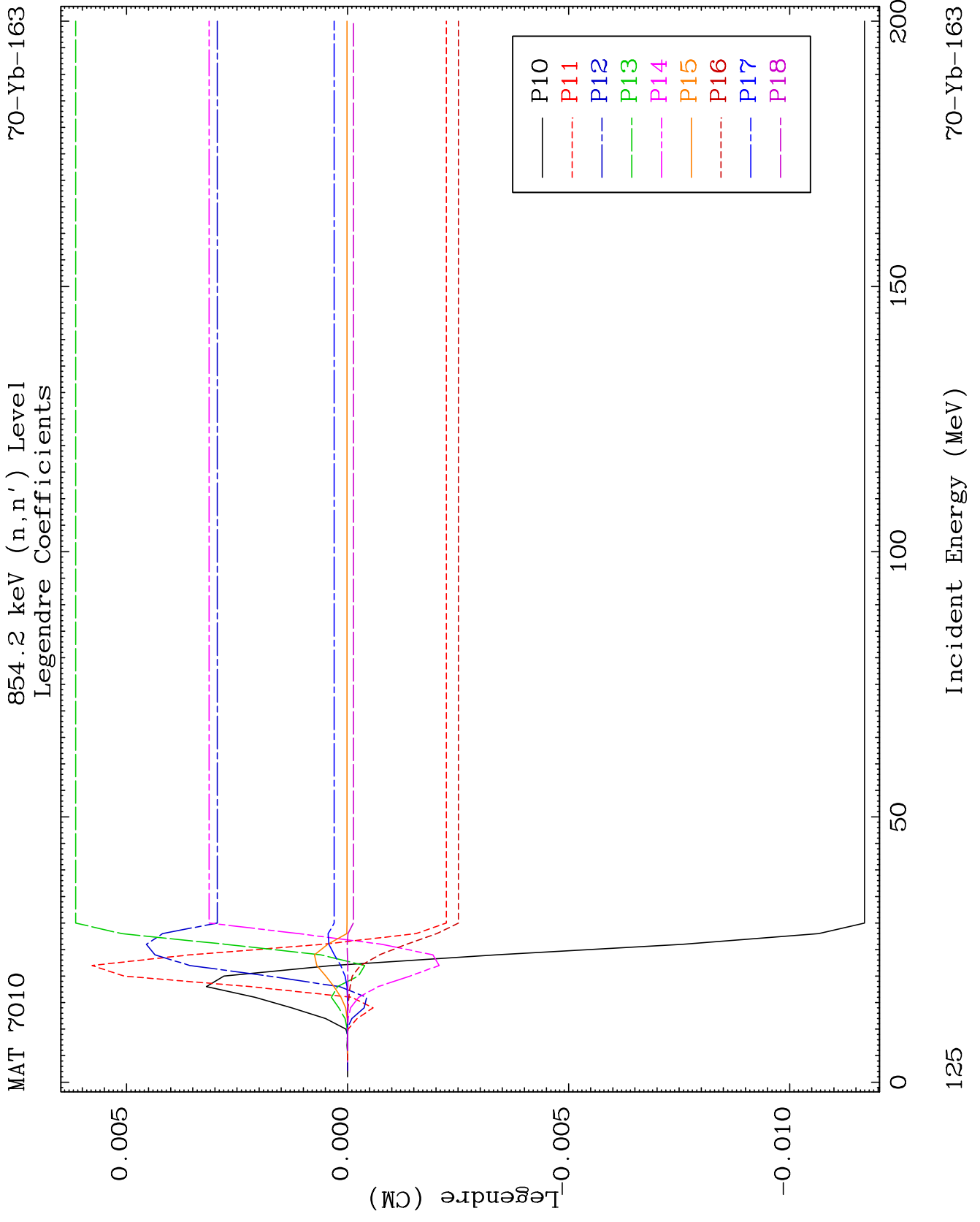


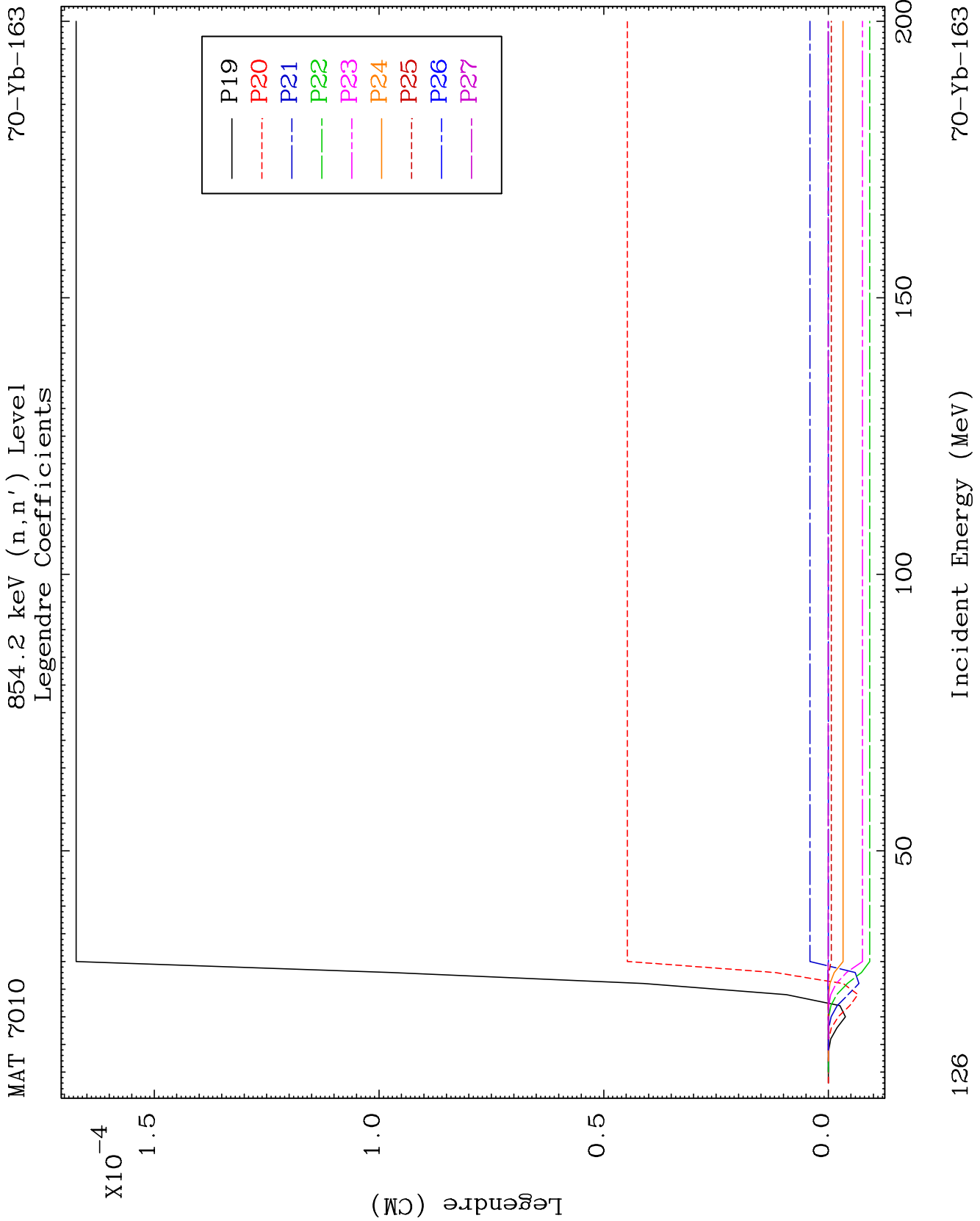


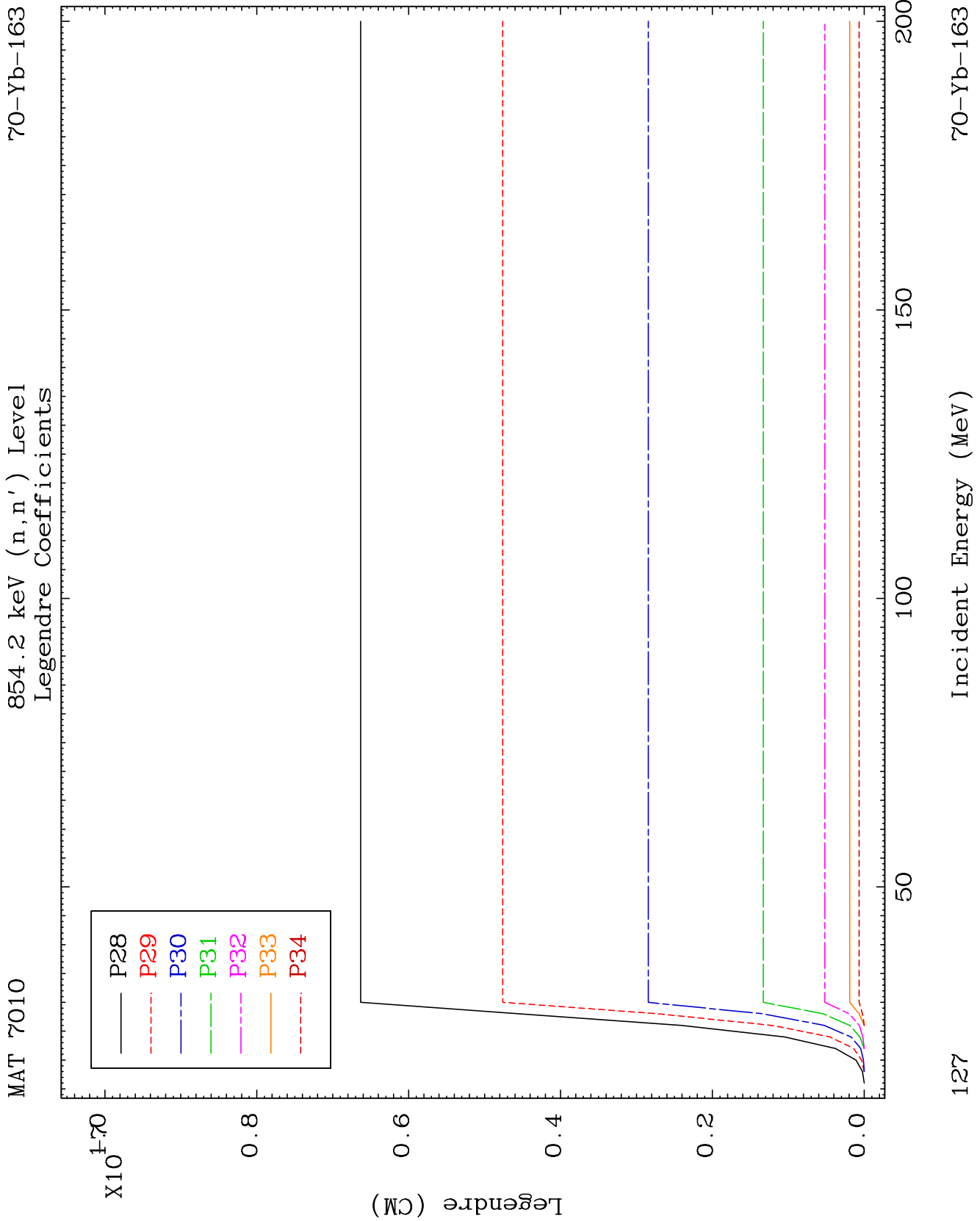


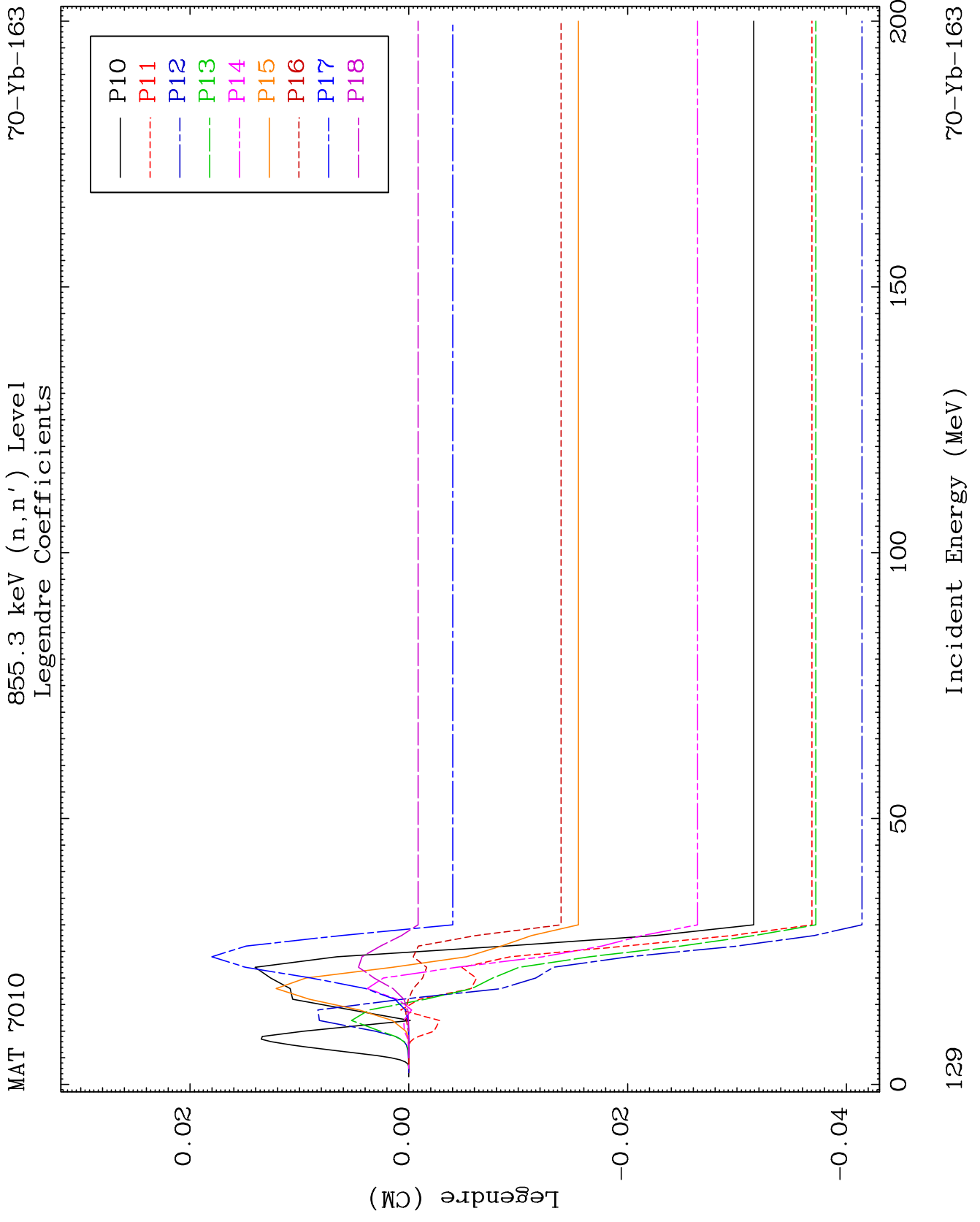


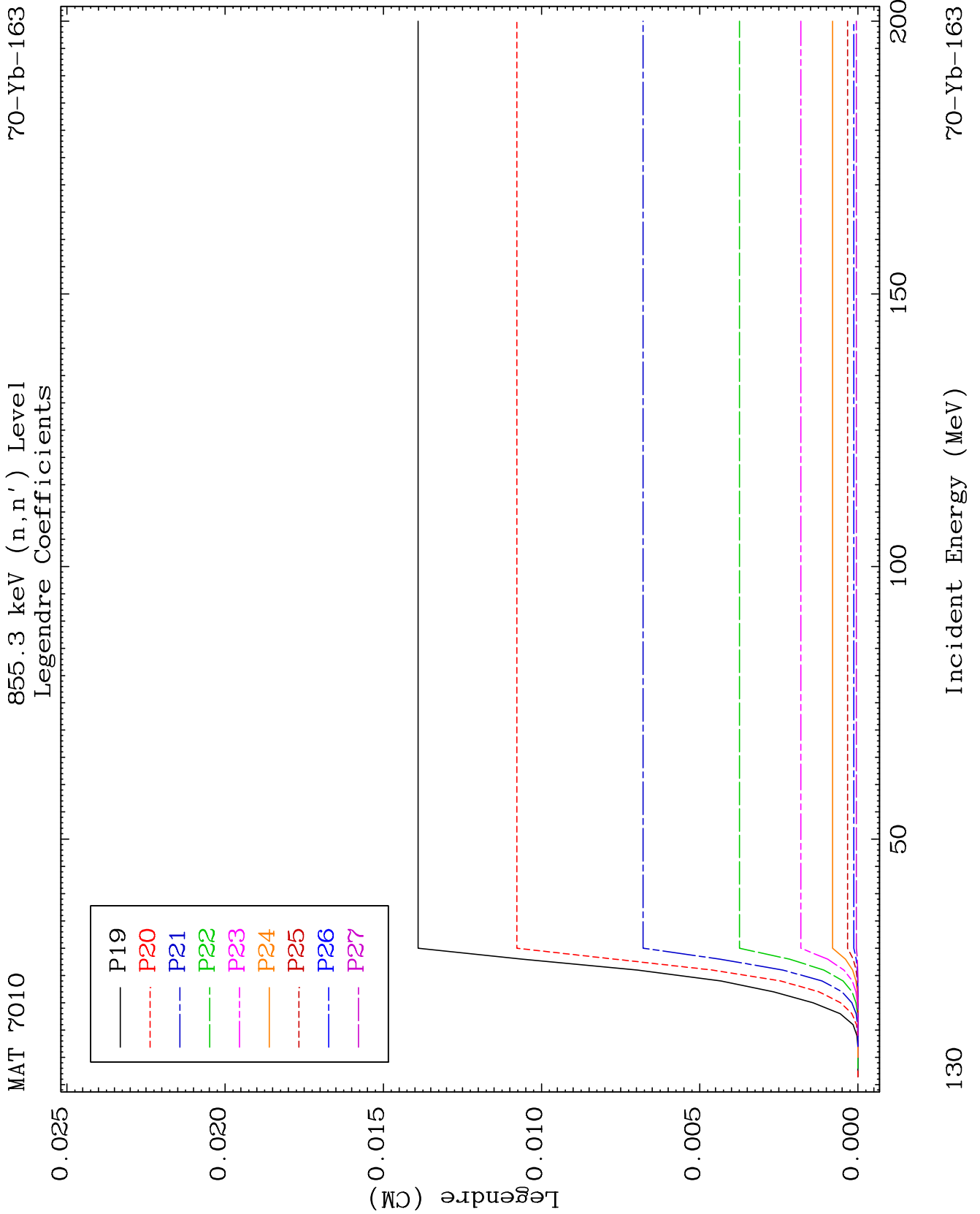


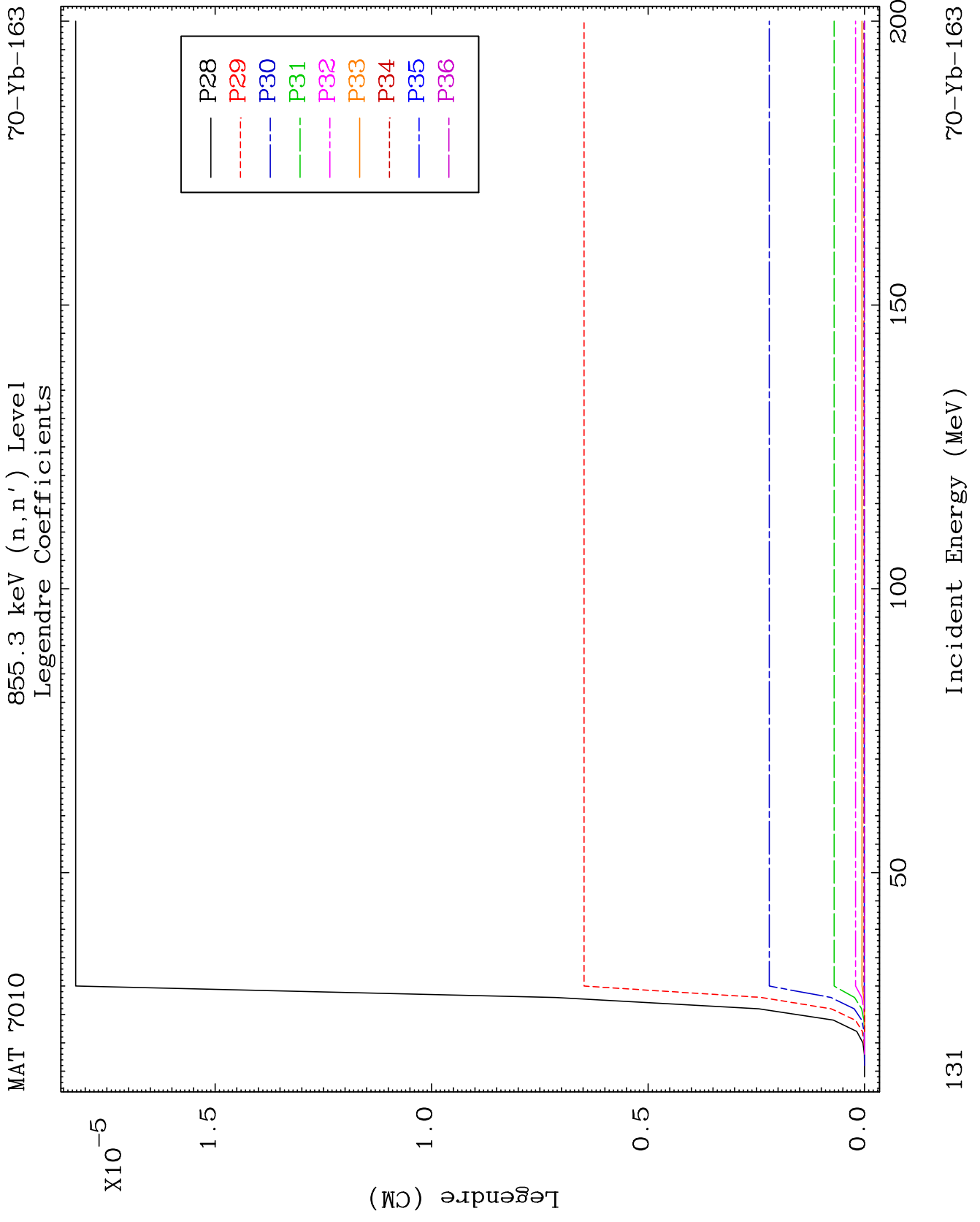


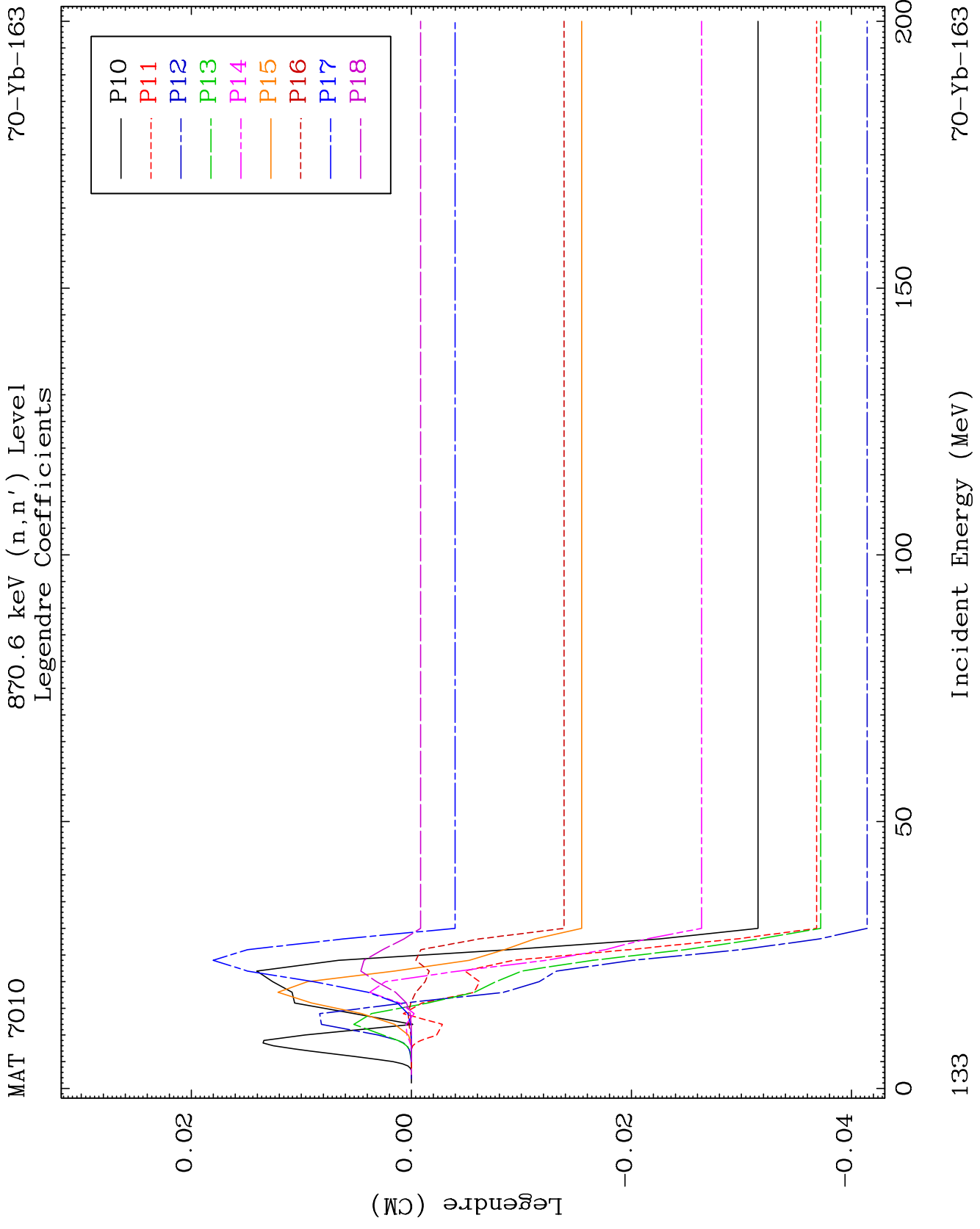


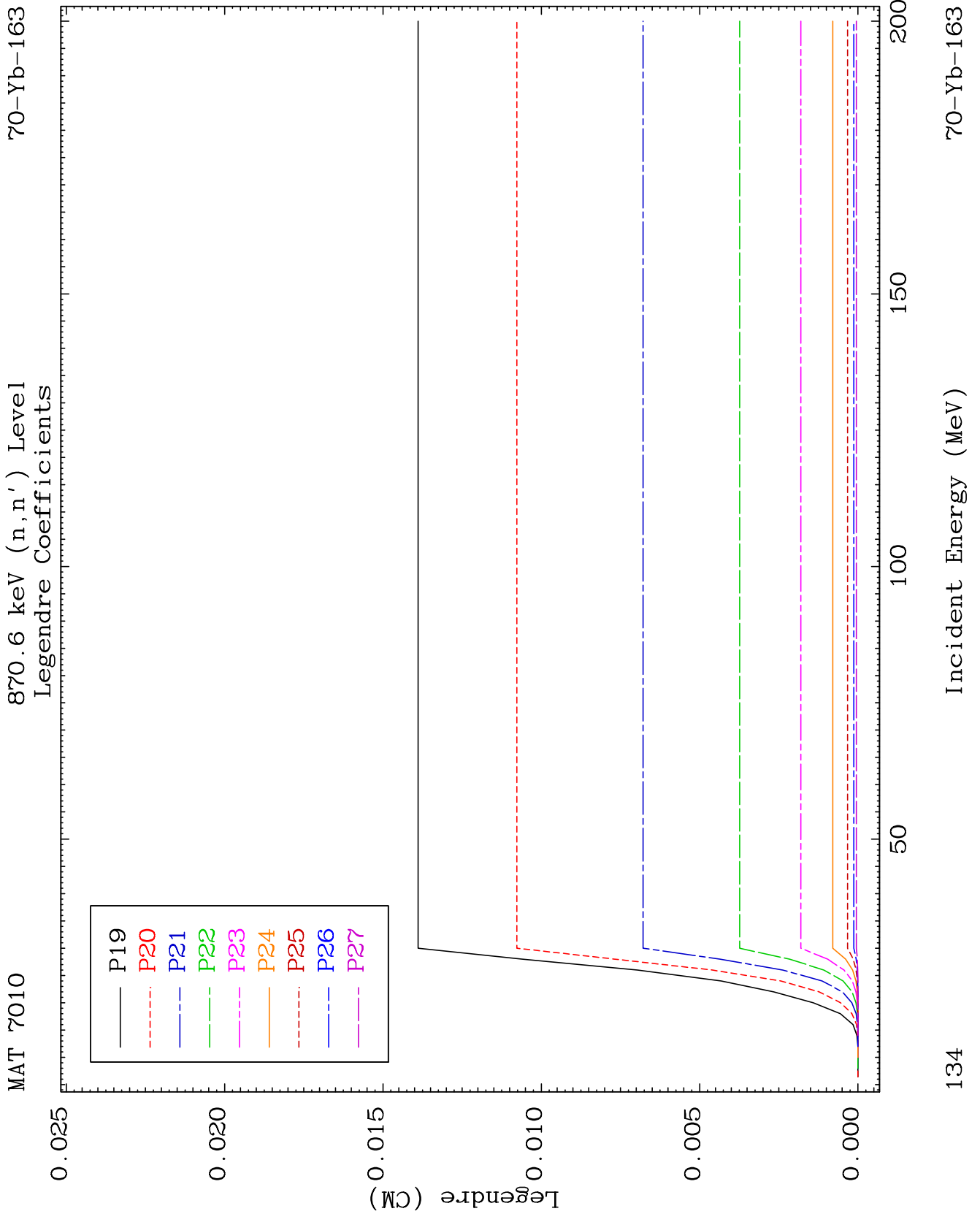


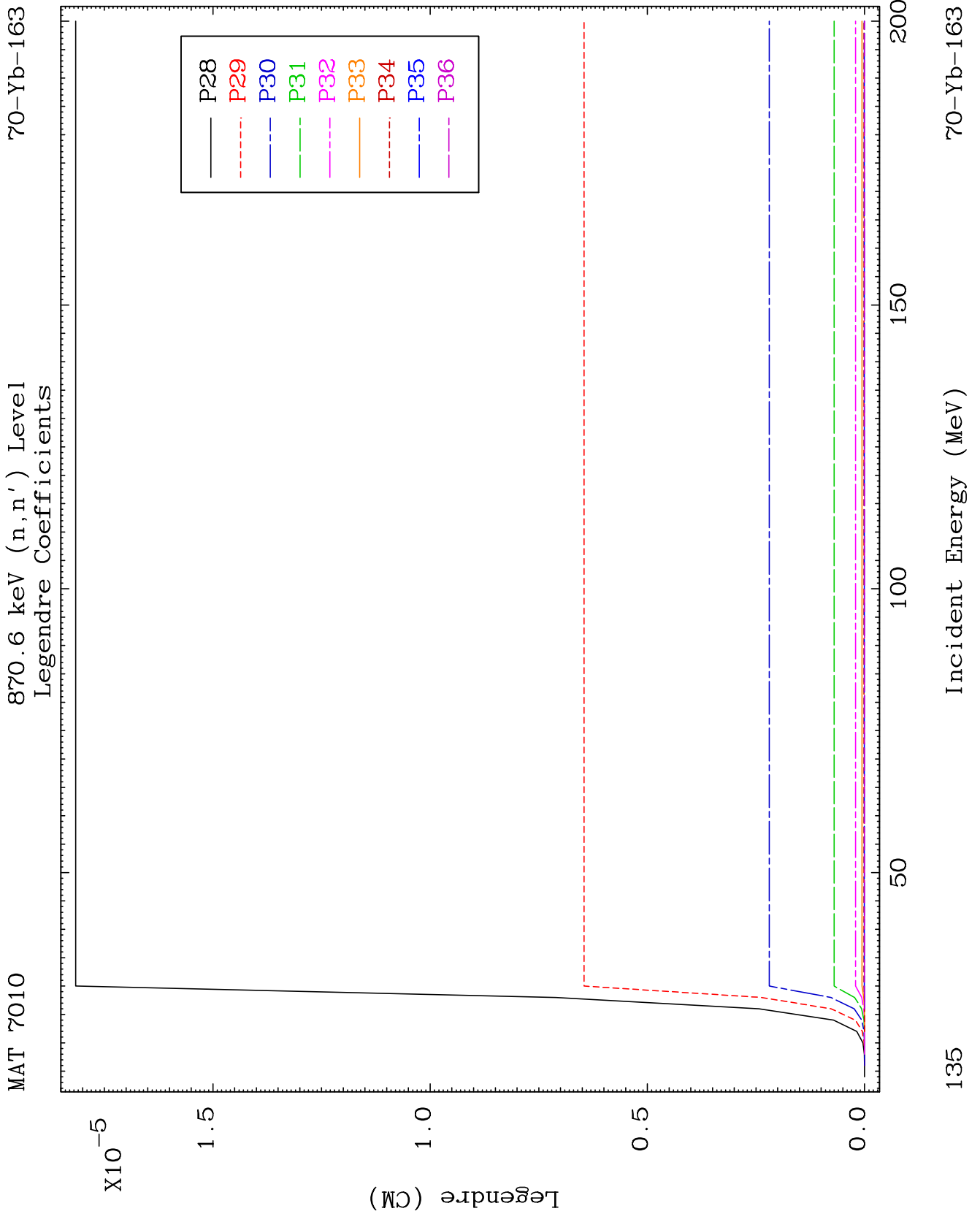










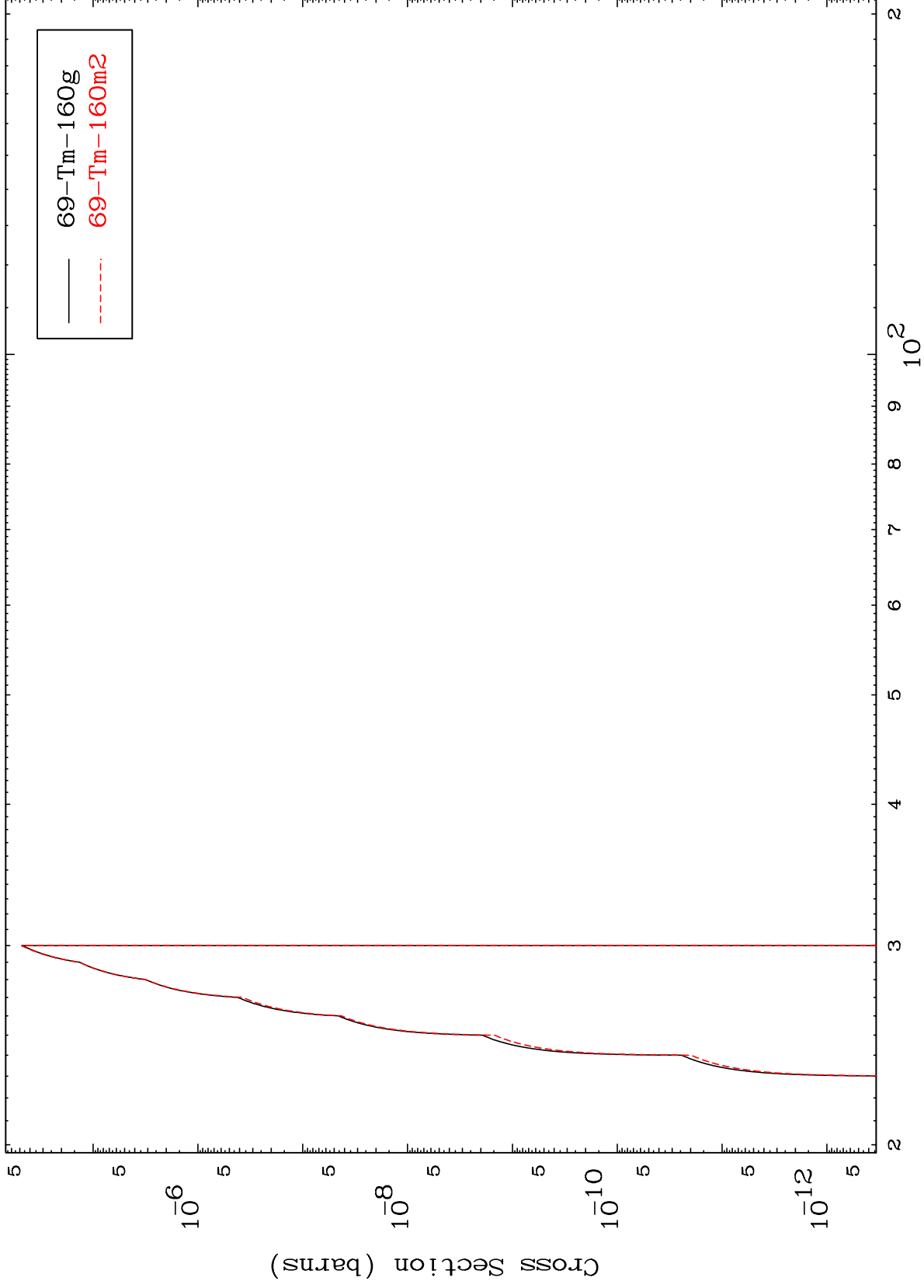


MAT 7010

(n,2n) d

70-Yb-163

Radionuclide Production Cross Section



136

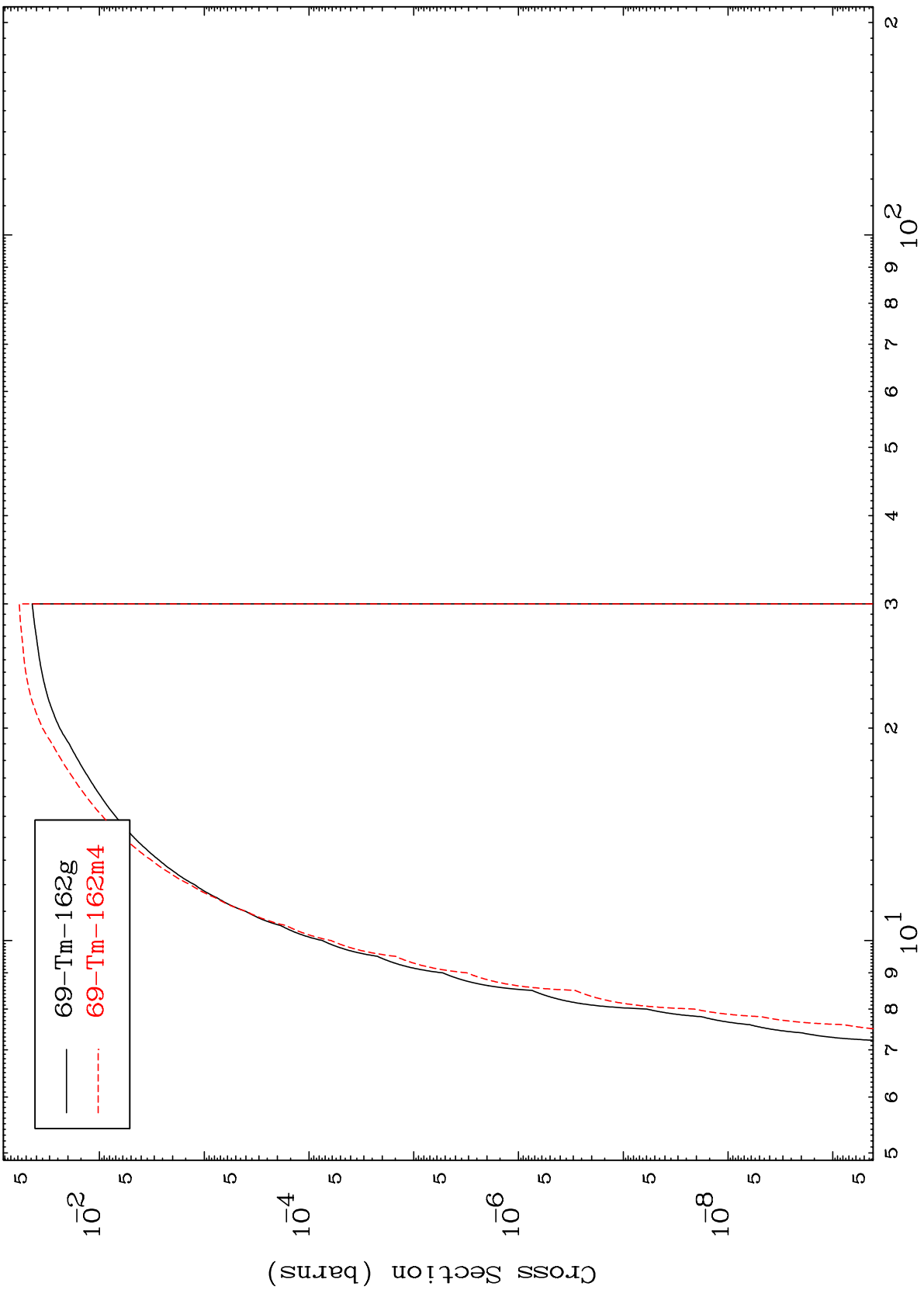
Incident Energy (MeV)

70-Yb-163

MAT 7010

70-Yb-163

(n,n') p
Radionuclide Production Cross Section

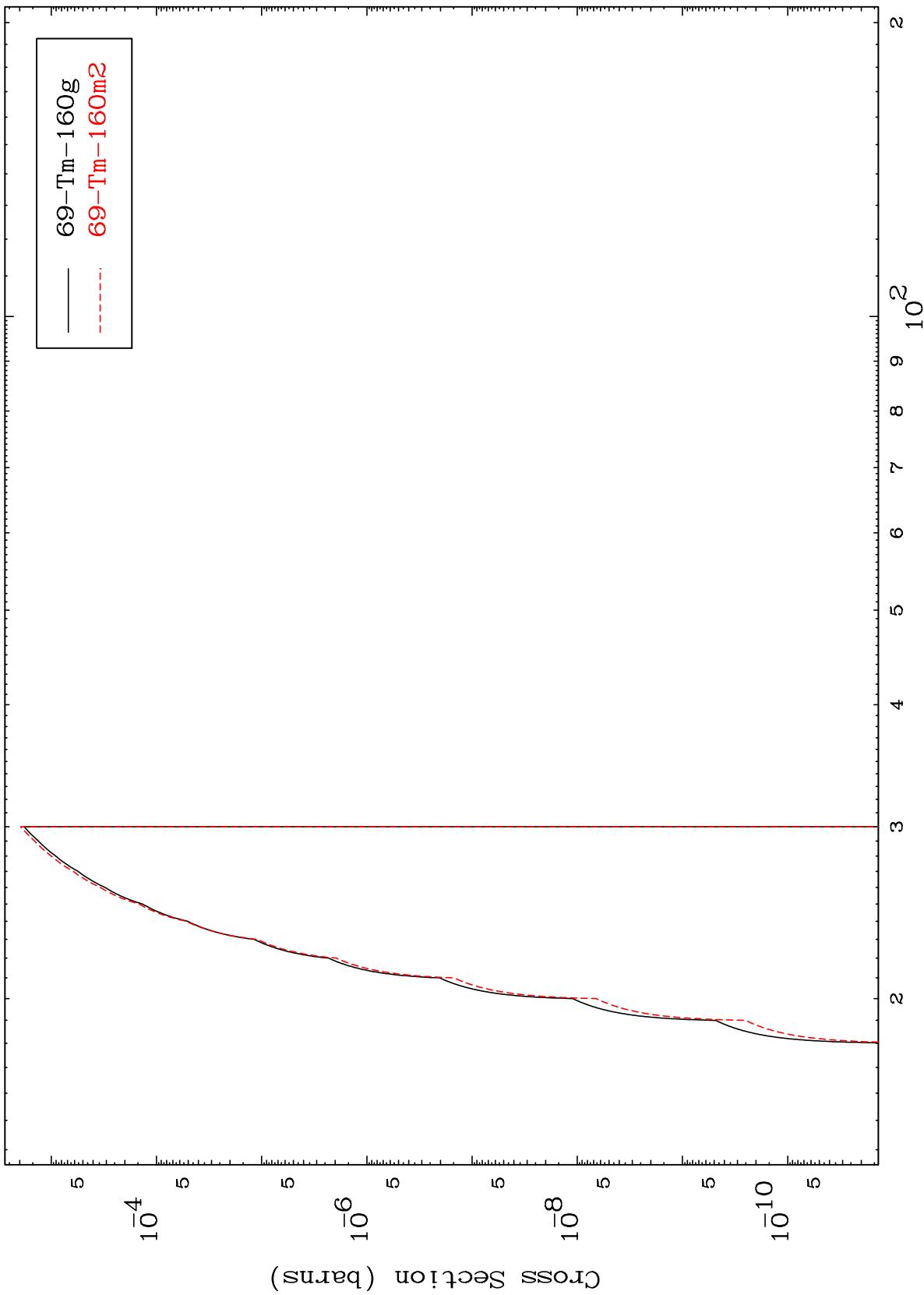


137

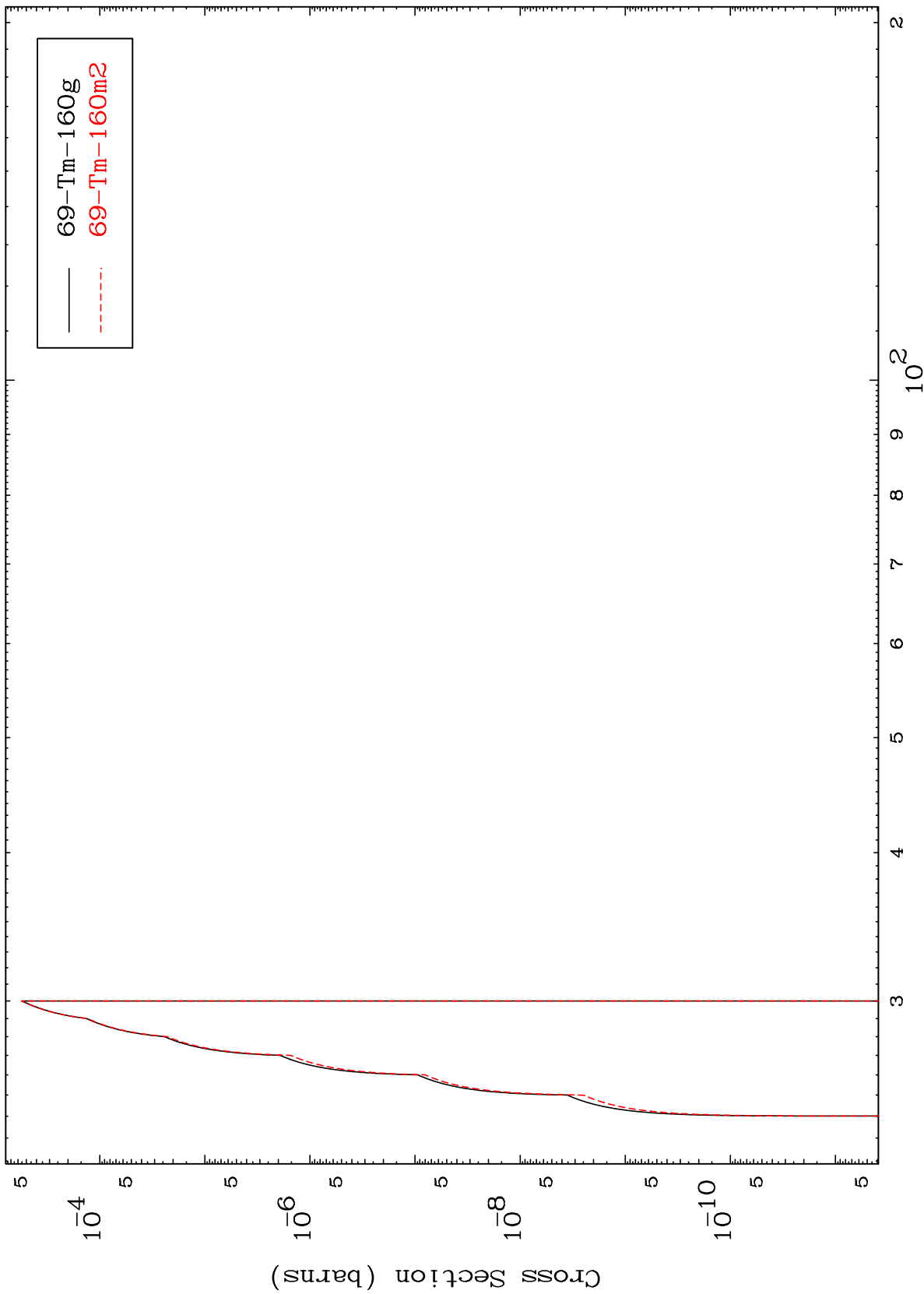
Incident Energy (MeV)

70-Yb-163

Radionuclide Production Cross Section



Radionuclide Production Cross Section

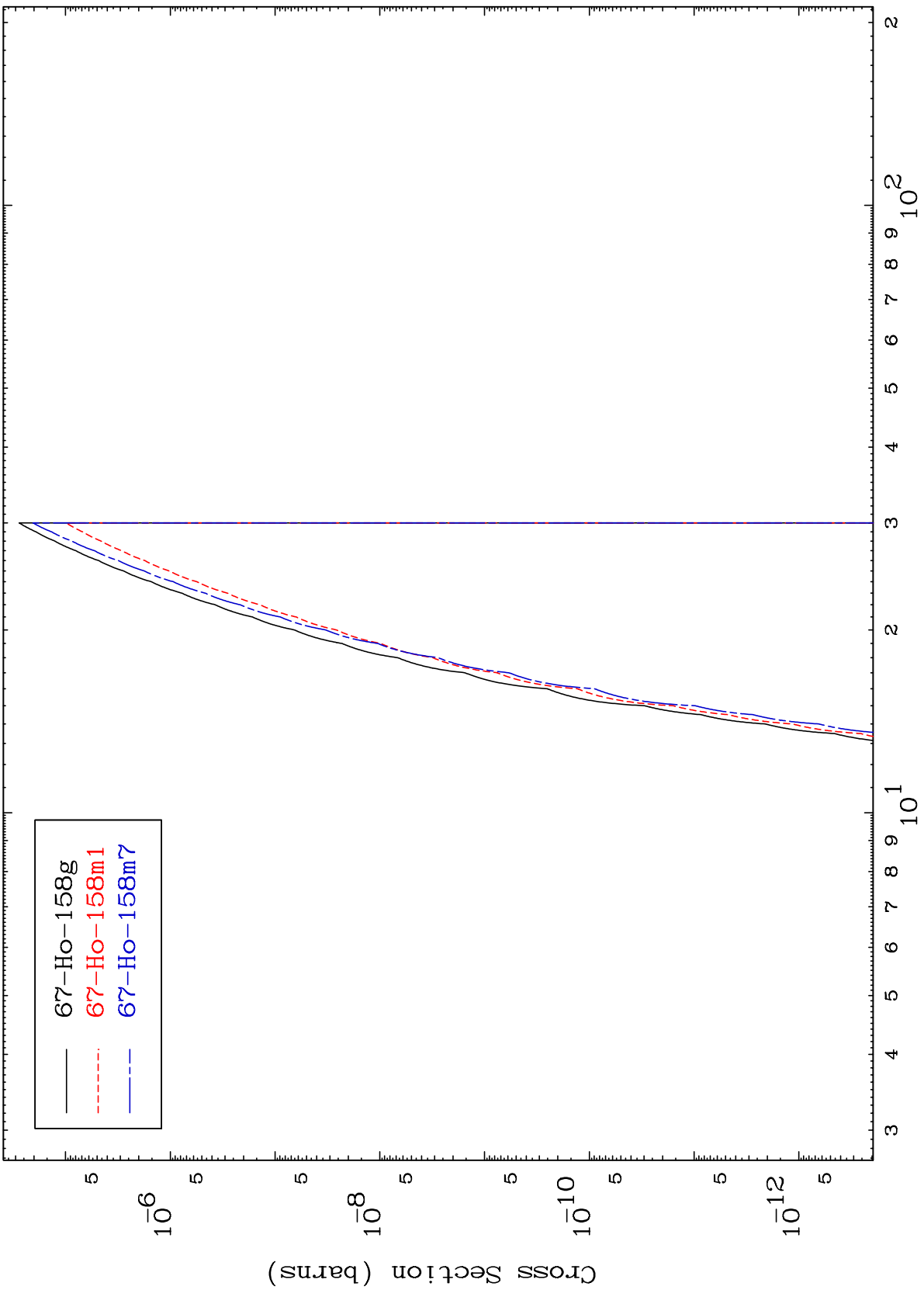


MAT 7010

(n,n') p α

70-Yb-163

Radionuclide Production Cross Section



140

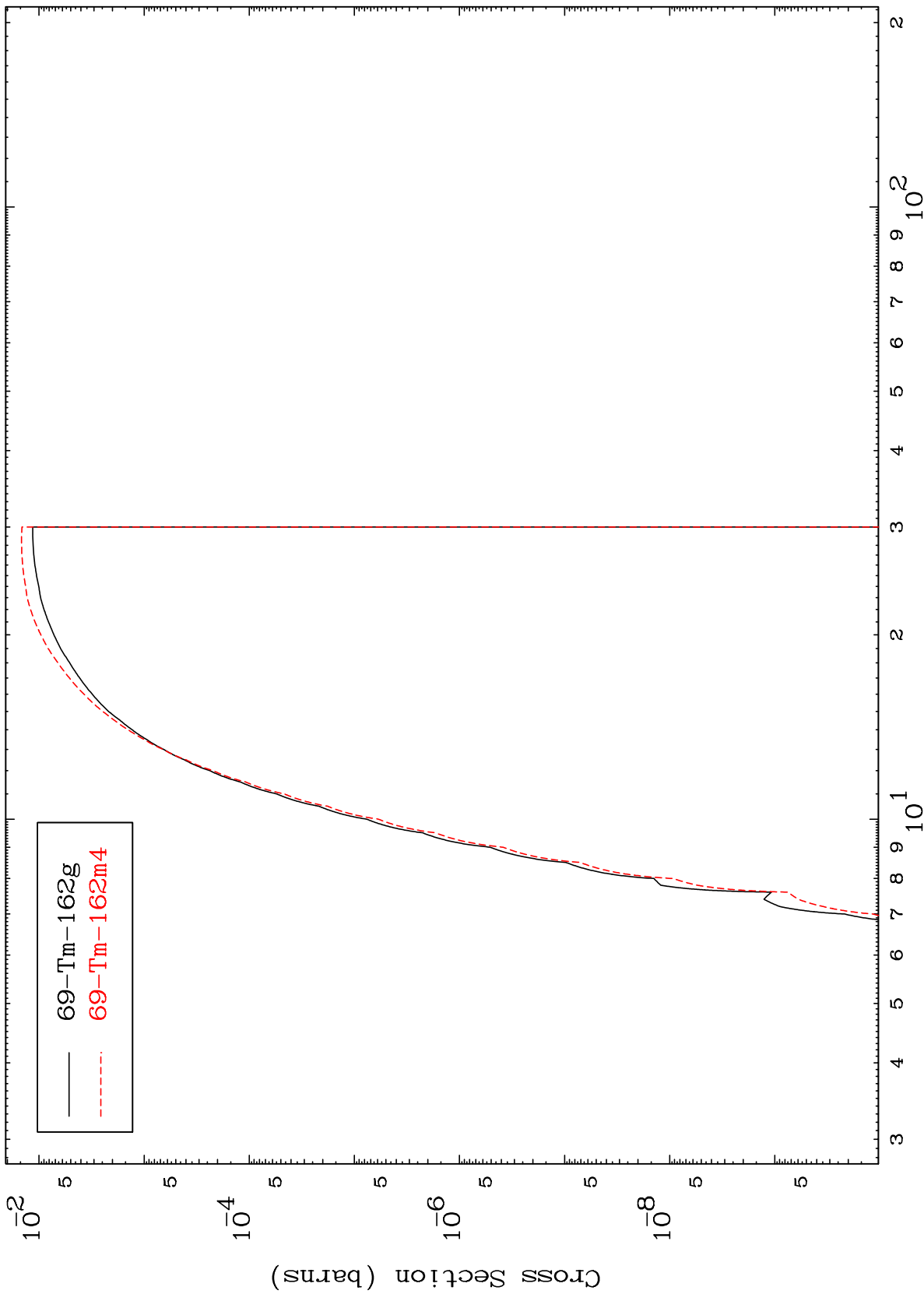
Incident Energy (MeV)

70-Yb-163

MAT 7010

70-Yb-163

(n,d)
Radionuclide Production Cross Section



70-Yb-163

Incident Energy (MeV)

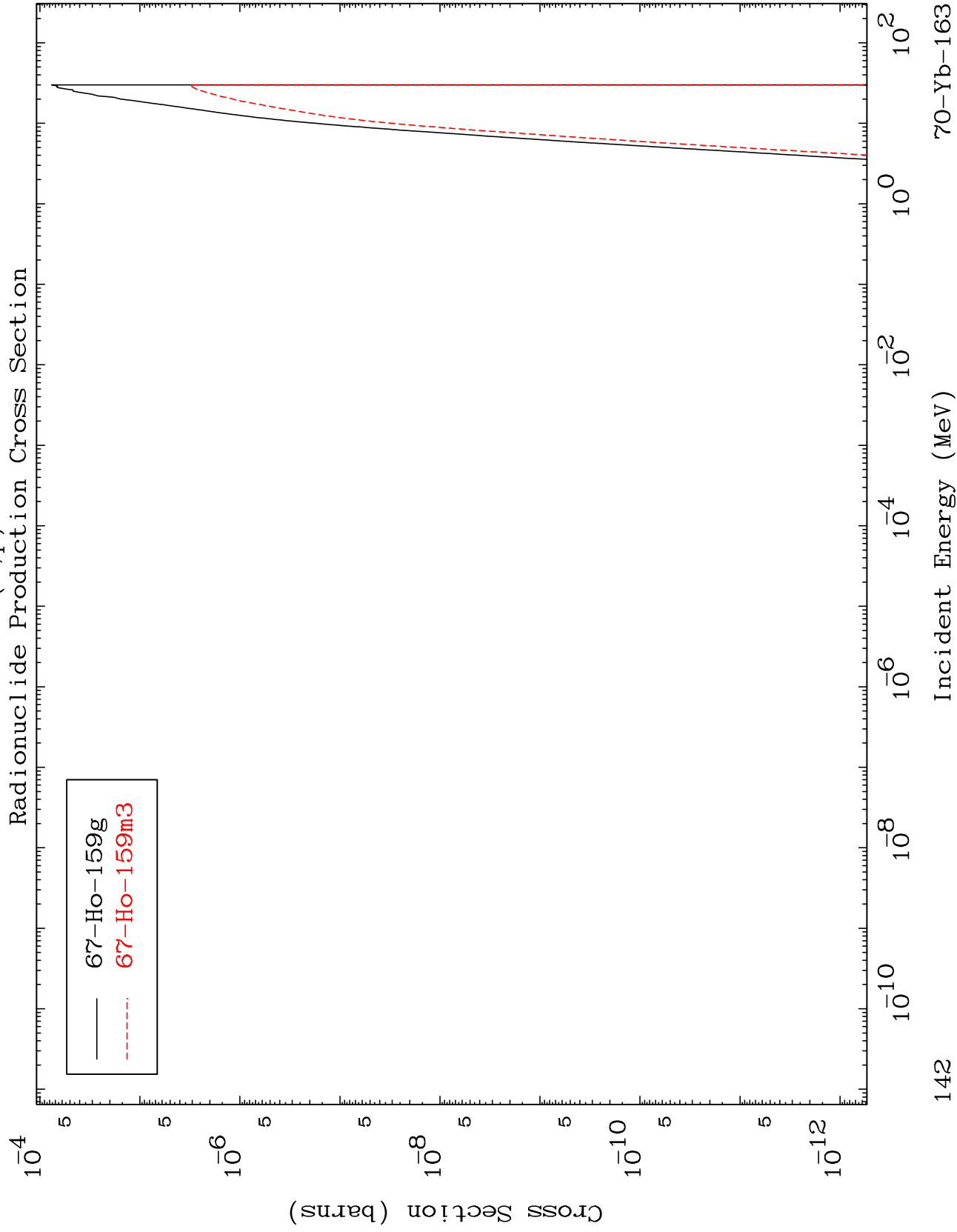
141

MAT 7010

(n,p) α

70-Yb-163

Radionuclide Production Cross Section



142

Incident Energy (MeV)

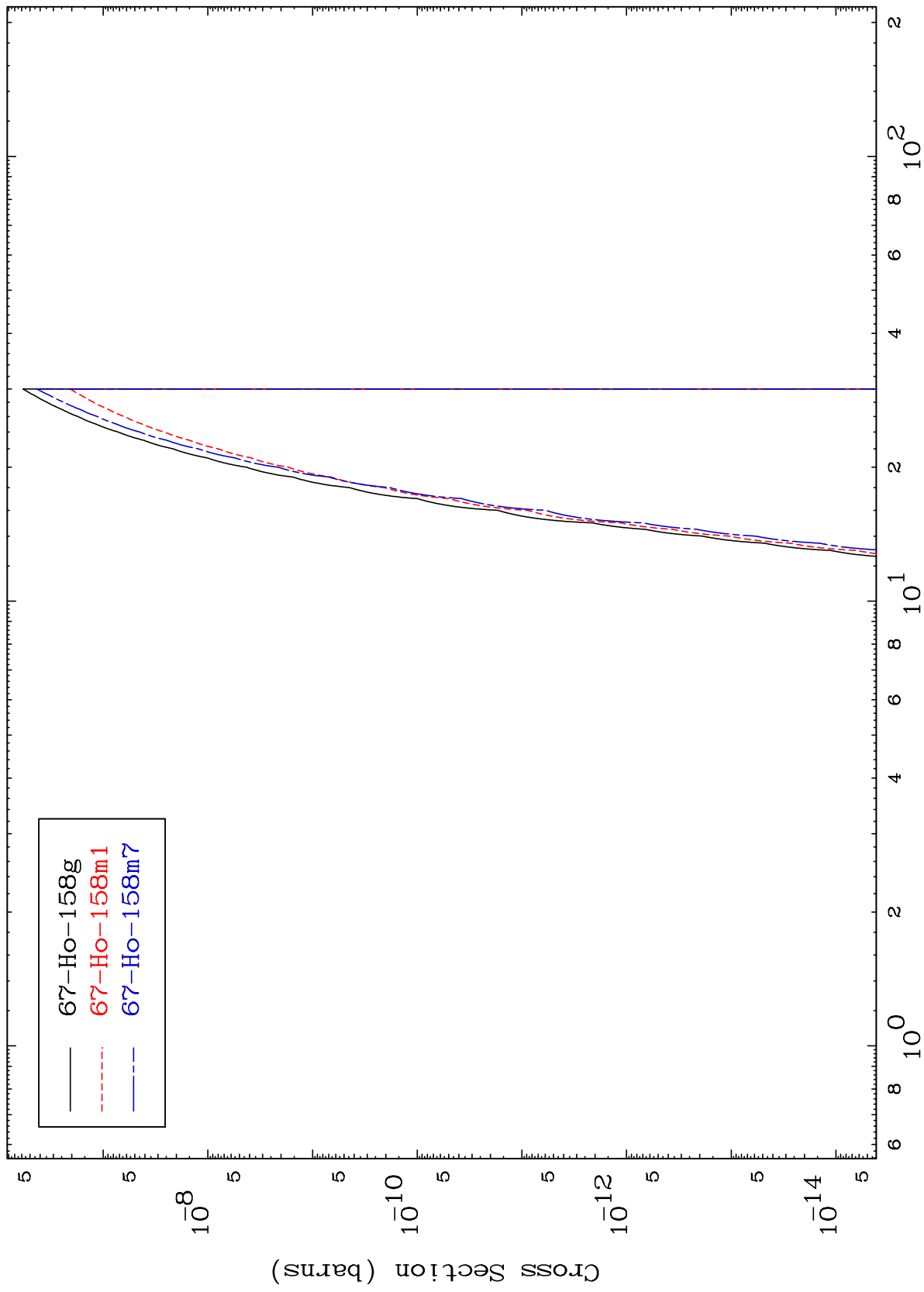
70-Yb-163

MAT 7010

(n,d) α

70-Yb-163

Radionuclide Production Cross Section



143

Incident Energy (MeV)

70-Yb-163