

Program EVALPLOT
(Version 2021-1)

by

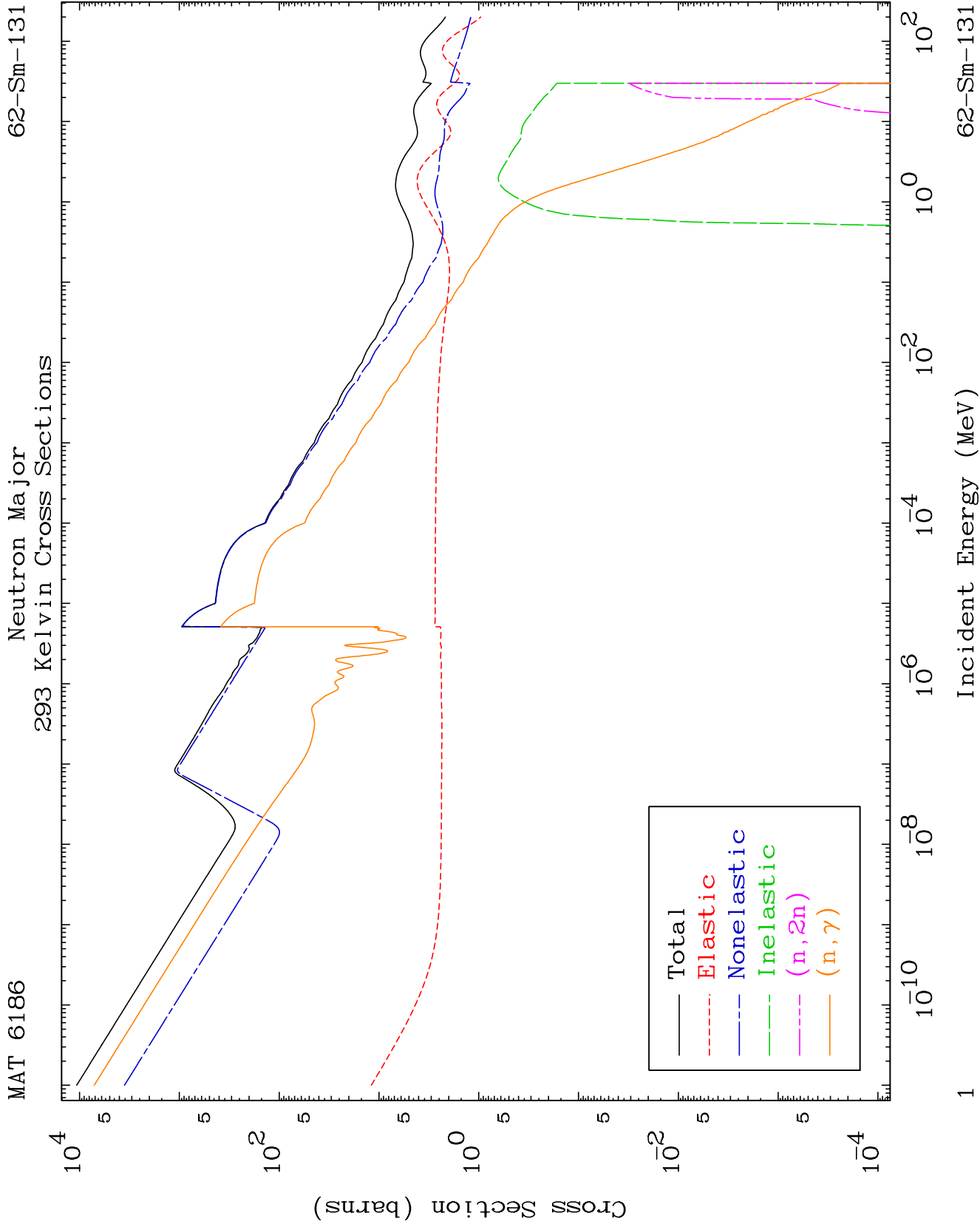
Dermott E. Cullen
(Present Contact Information)

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

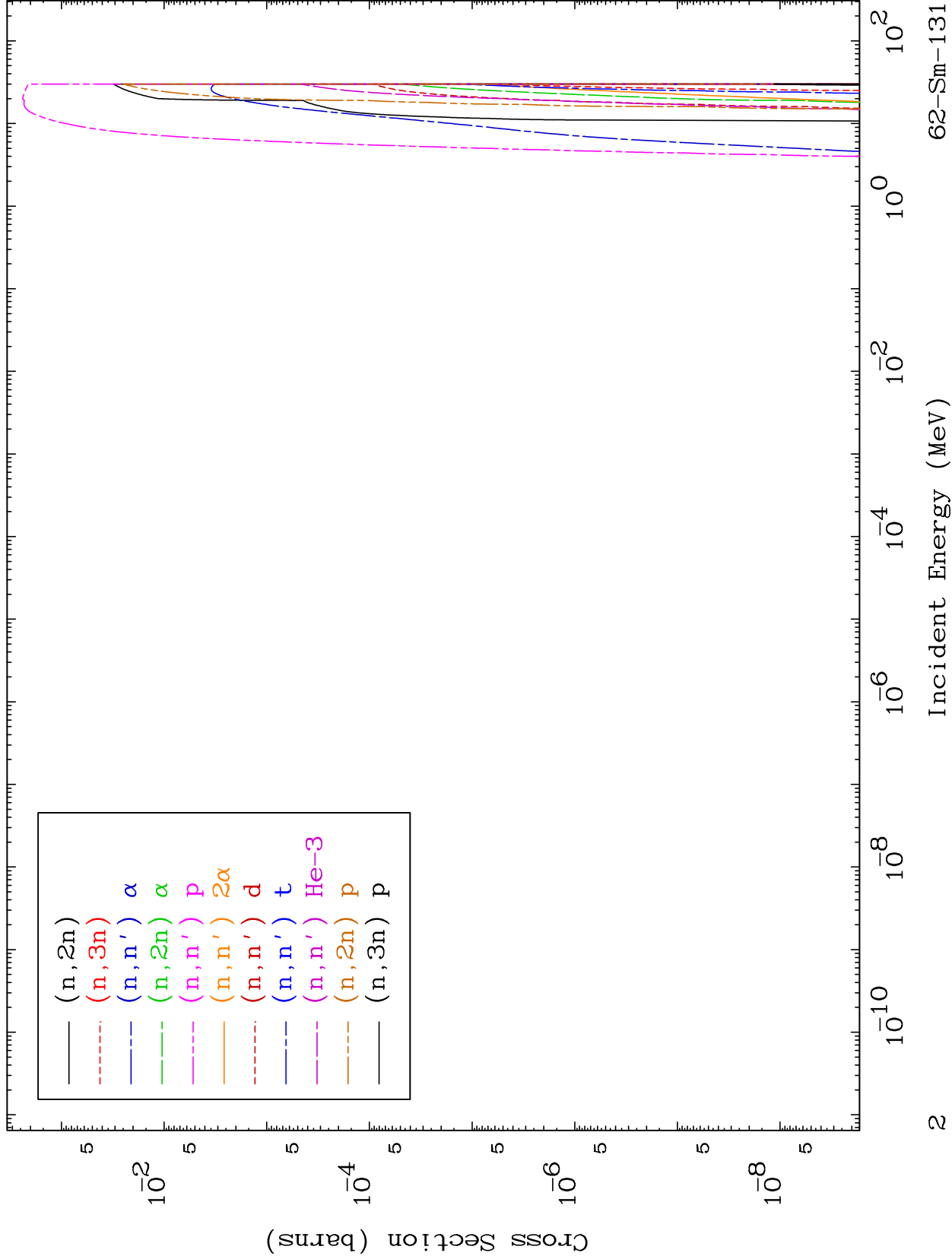
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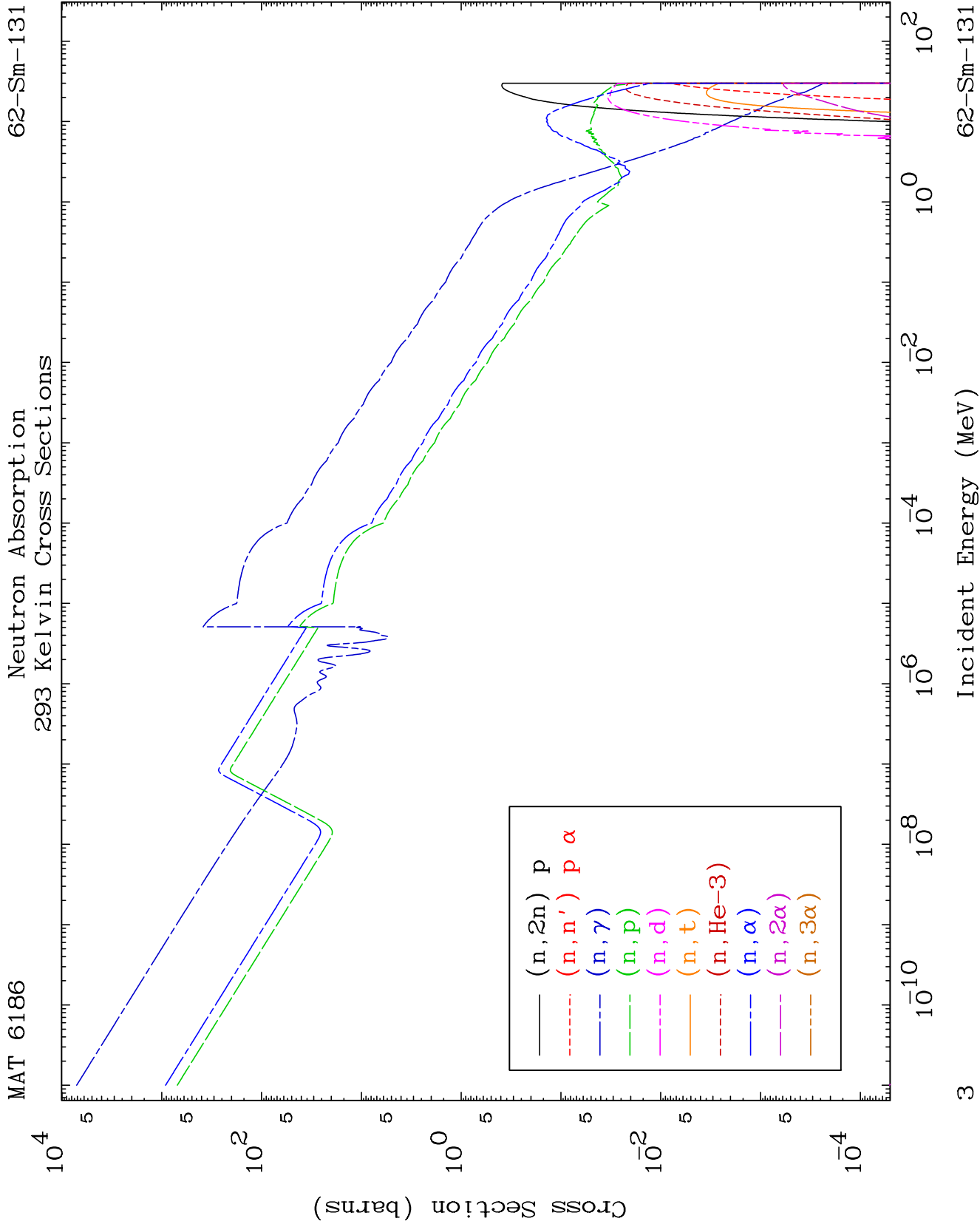


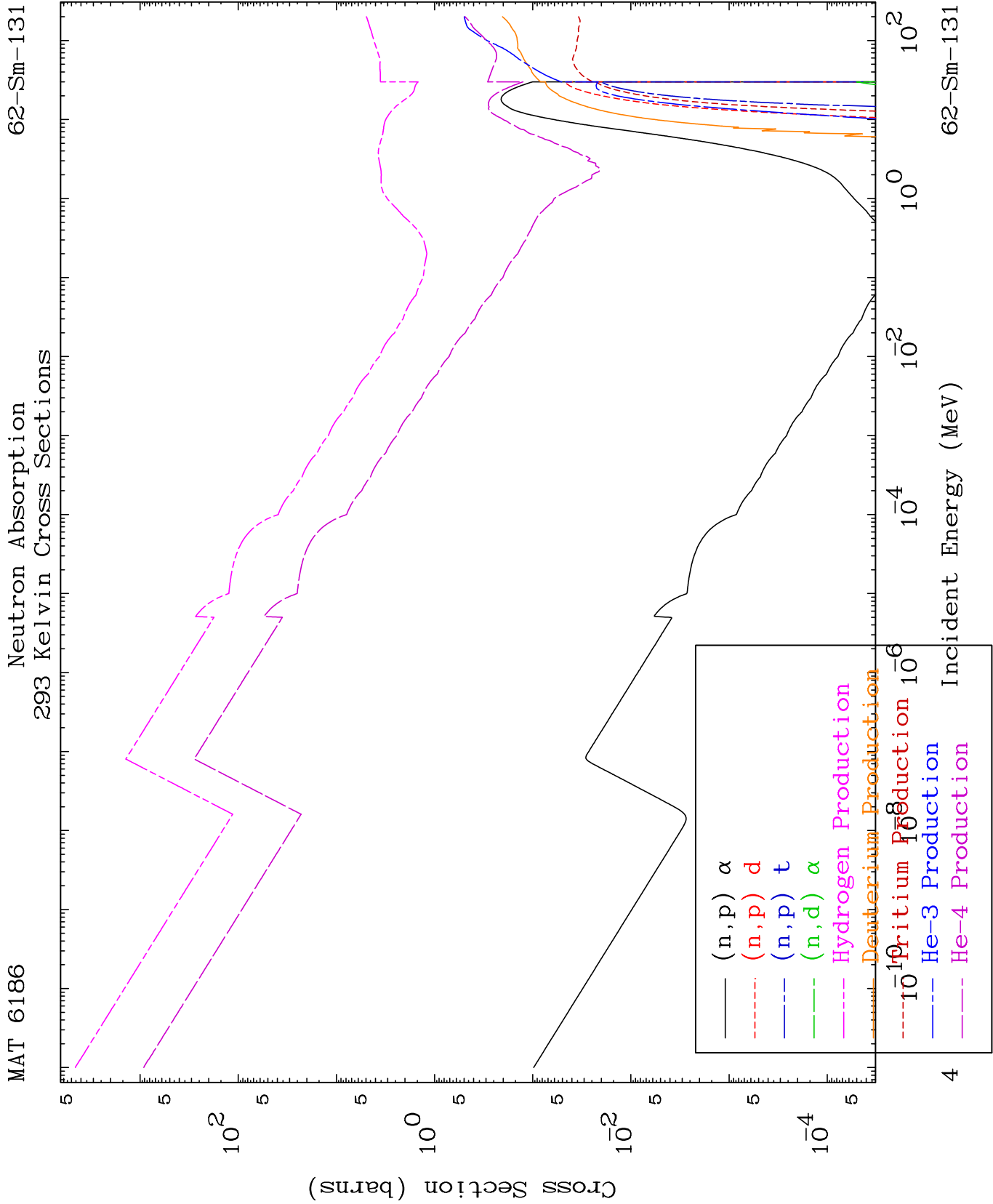
MAT 6186

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-131



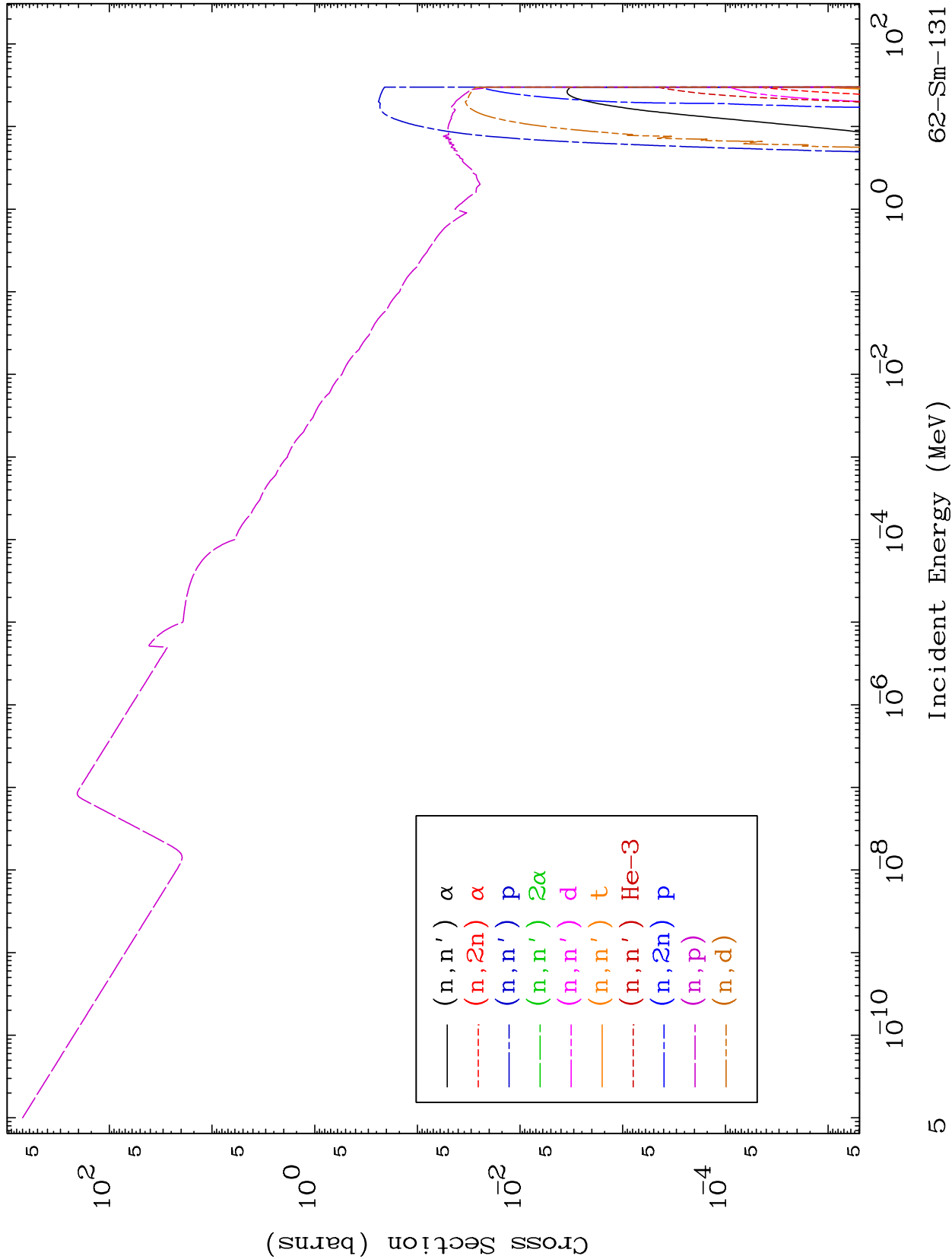


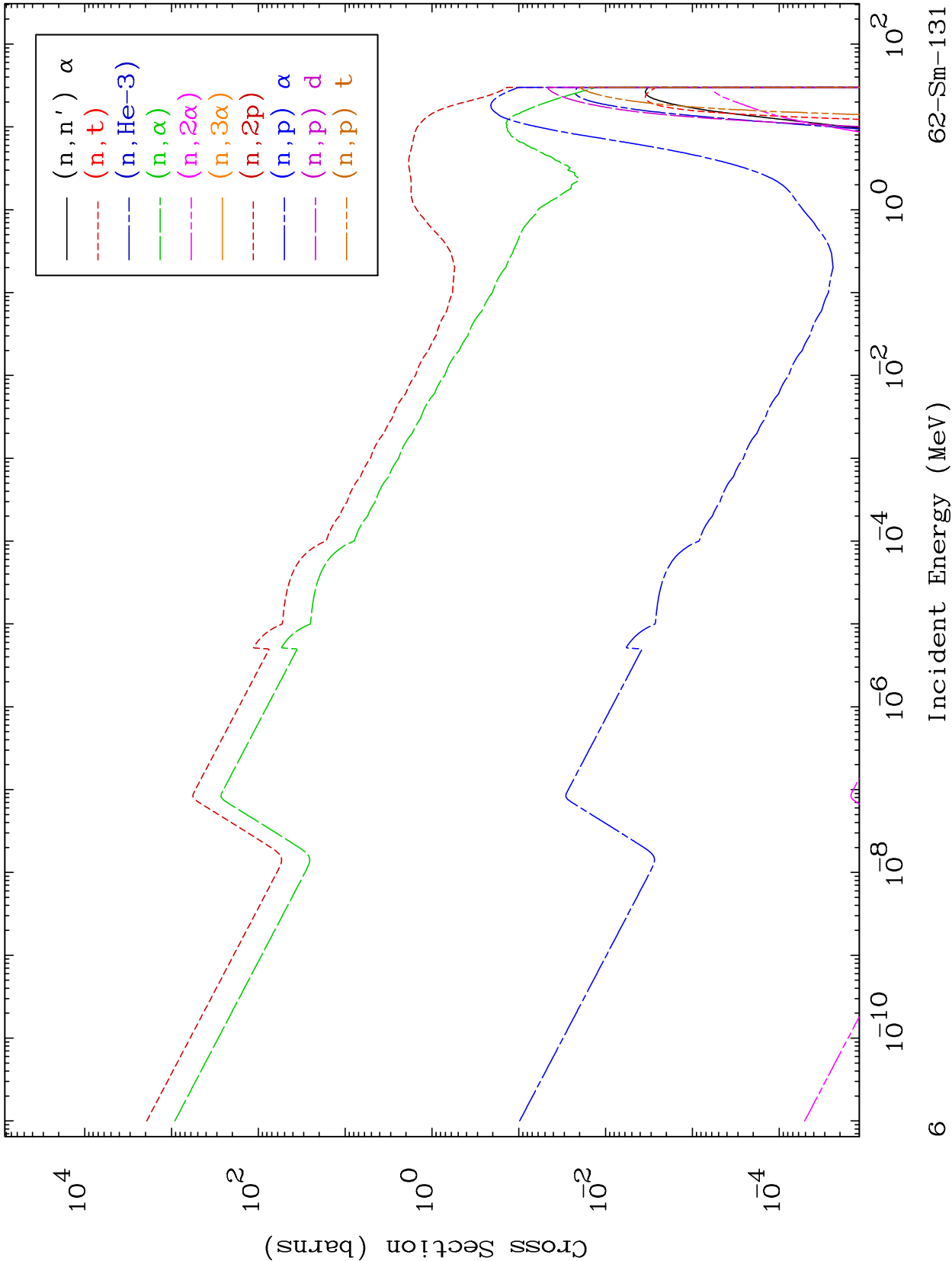


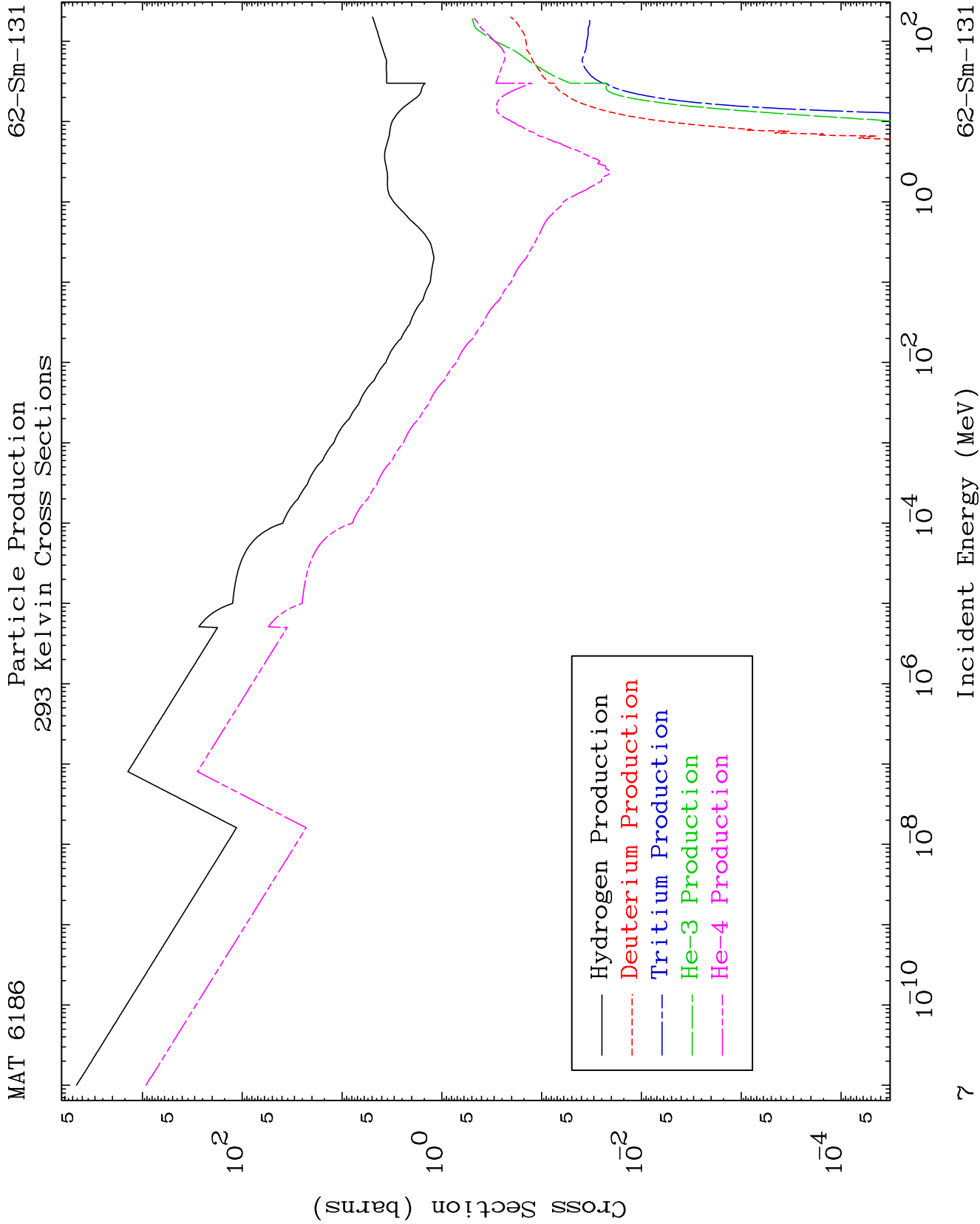
MAT 6186

Charged Particle
293 Kelvin Cross Sections

62-Sm-131





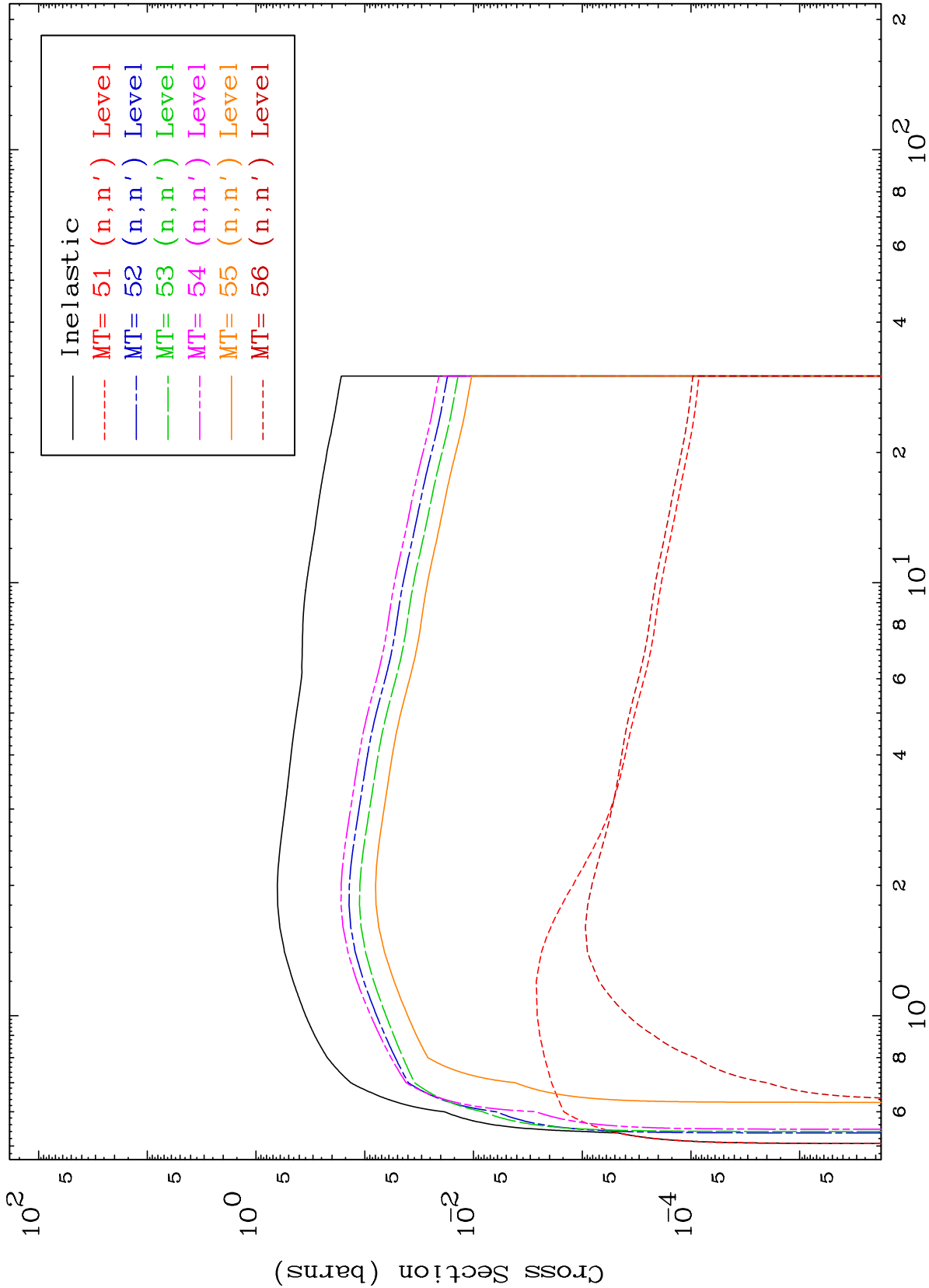


MAT 6186

(n,n') Levels

293 Kelvin Cross Sections

62-Sm-131

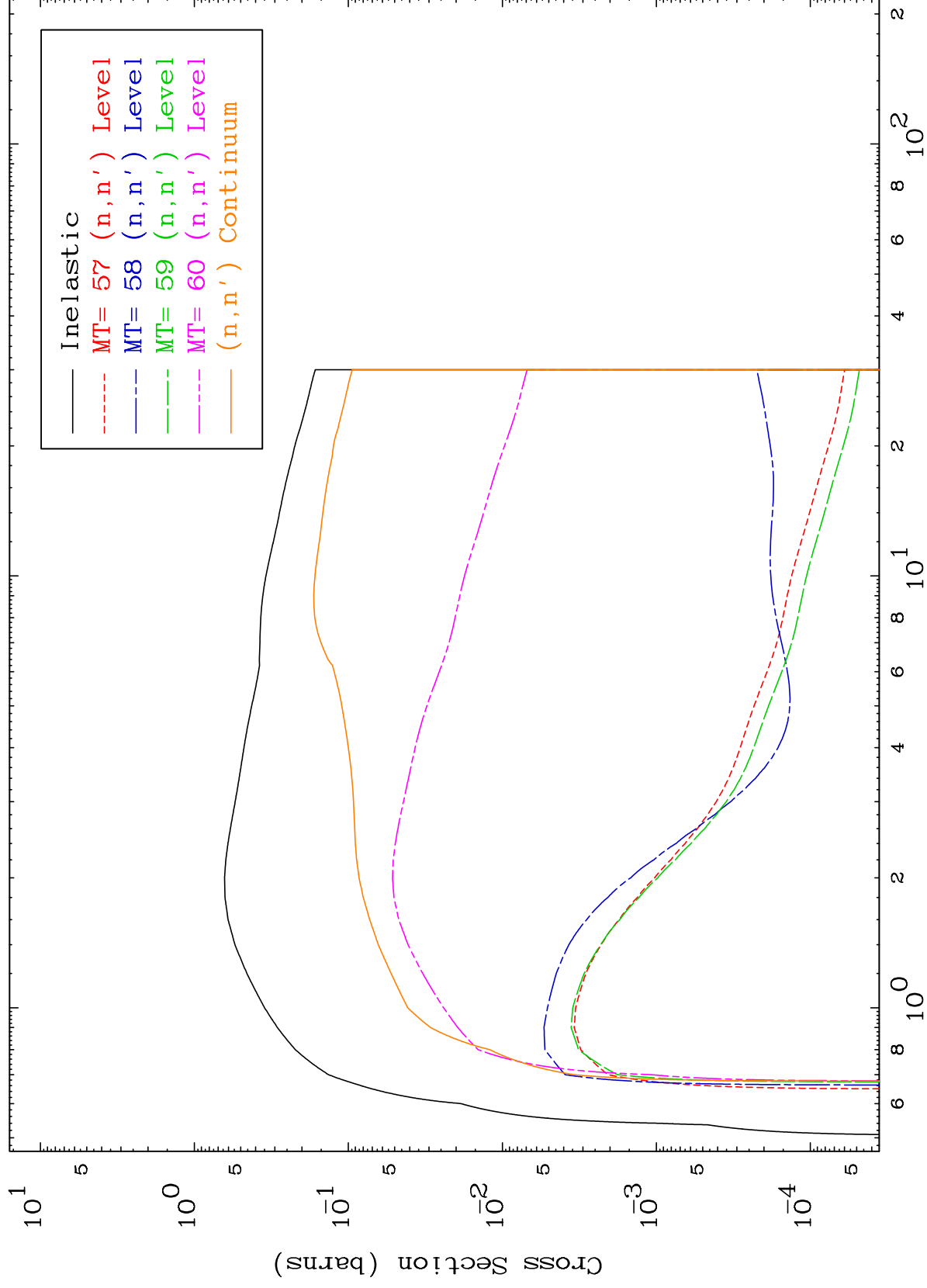


8

Incident Energy (MeV)

62-Sm-131

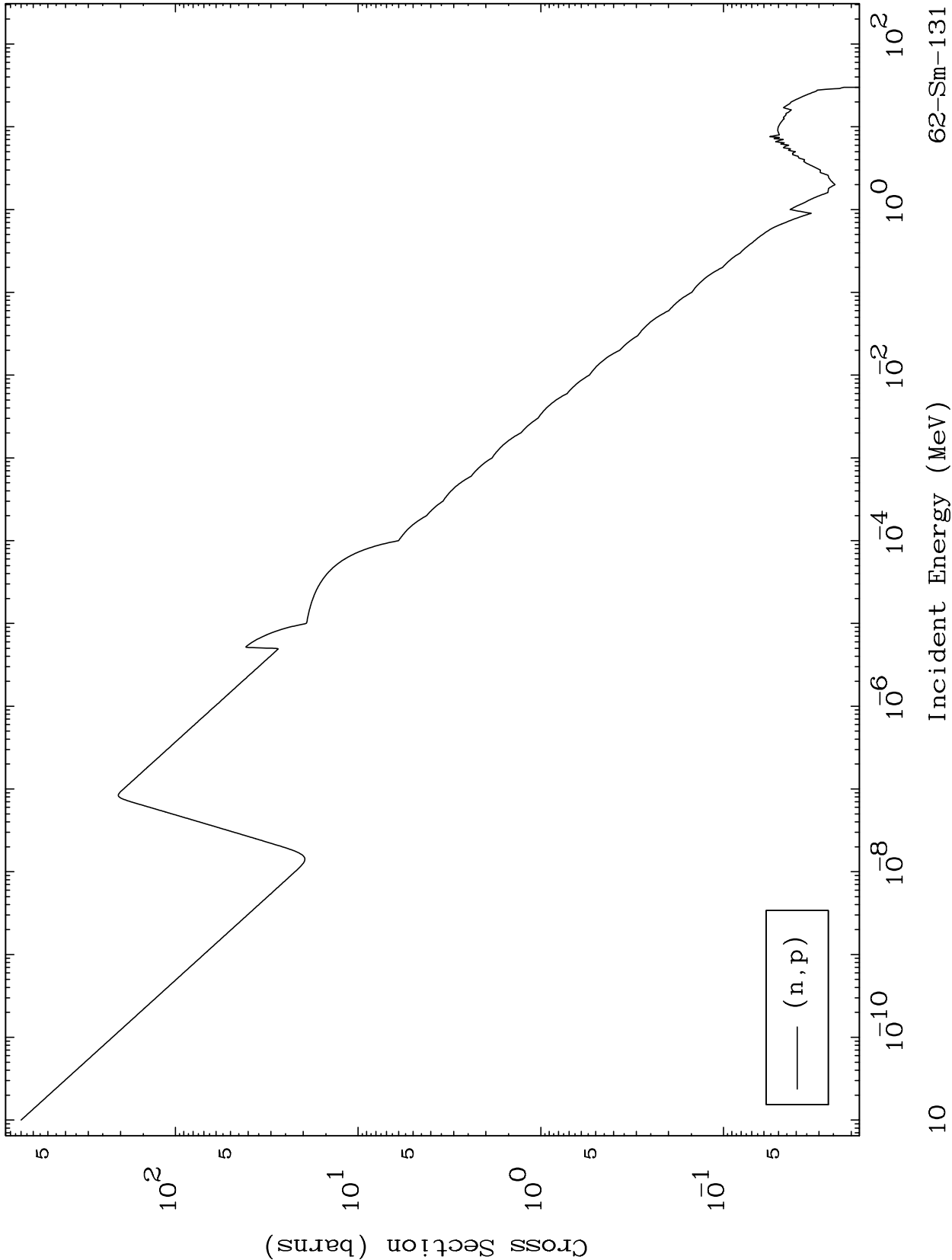
(n,n') Levels
293 Kelvin Cross Sections



MAT 6186

(n,p) Levels
293 Kelvin Cross Sections

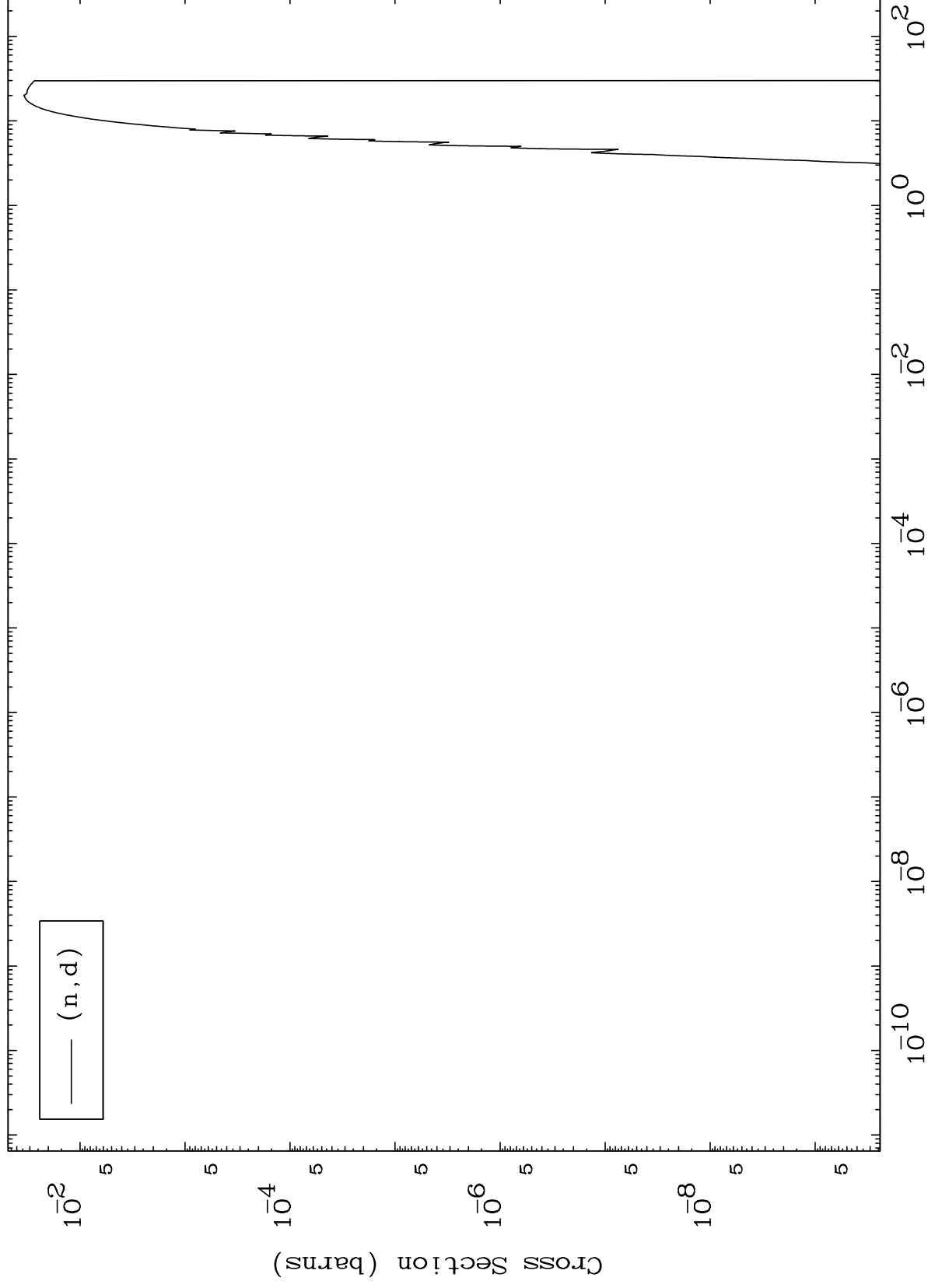
62-Sm-131



MAT 6186

(n,d) Levels
293 Kelvin Cross Sections

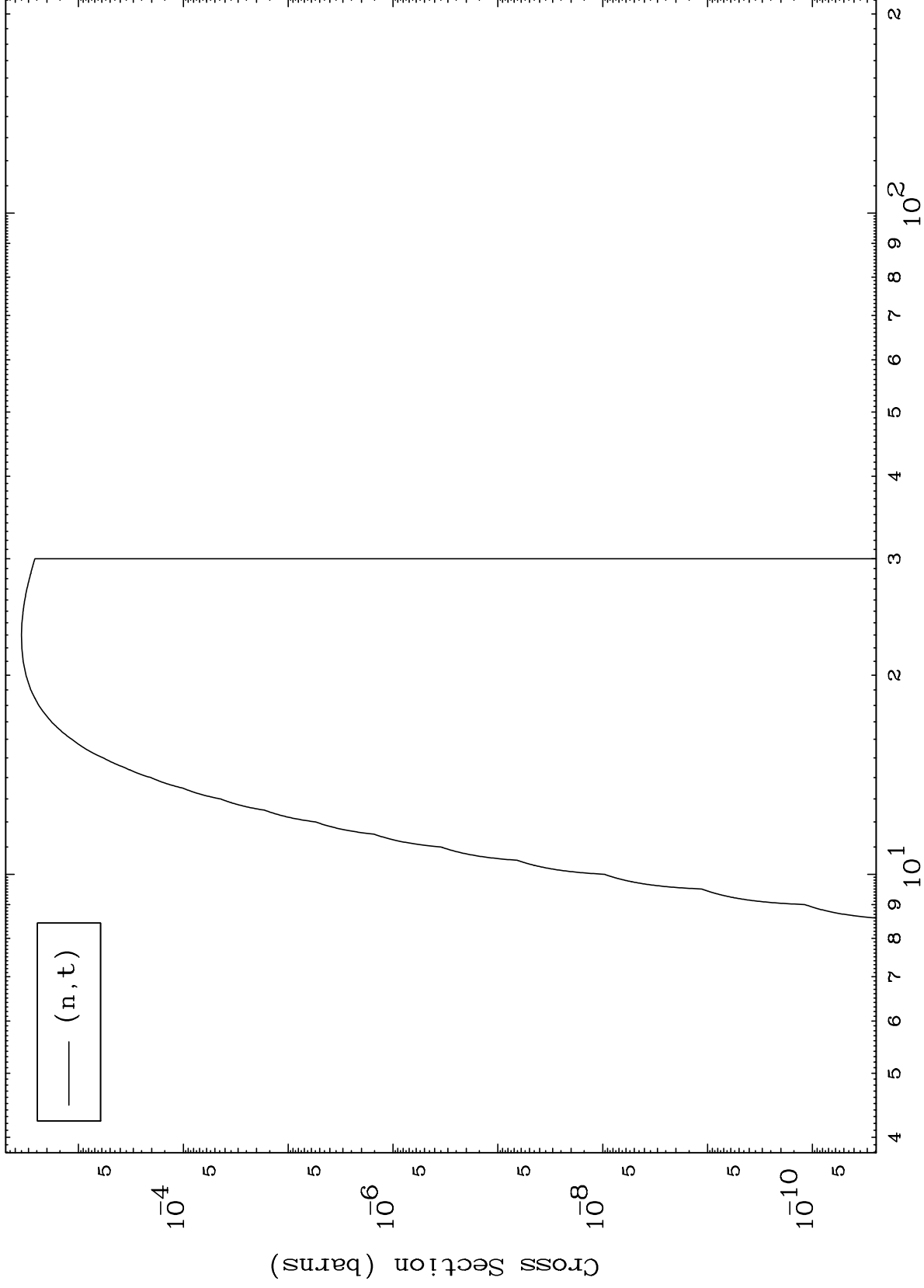
62-Sm-131



MAT 6186

62-Sm-131

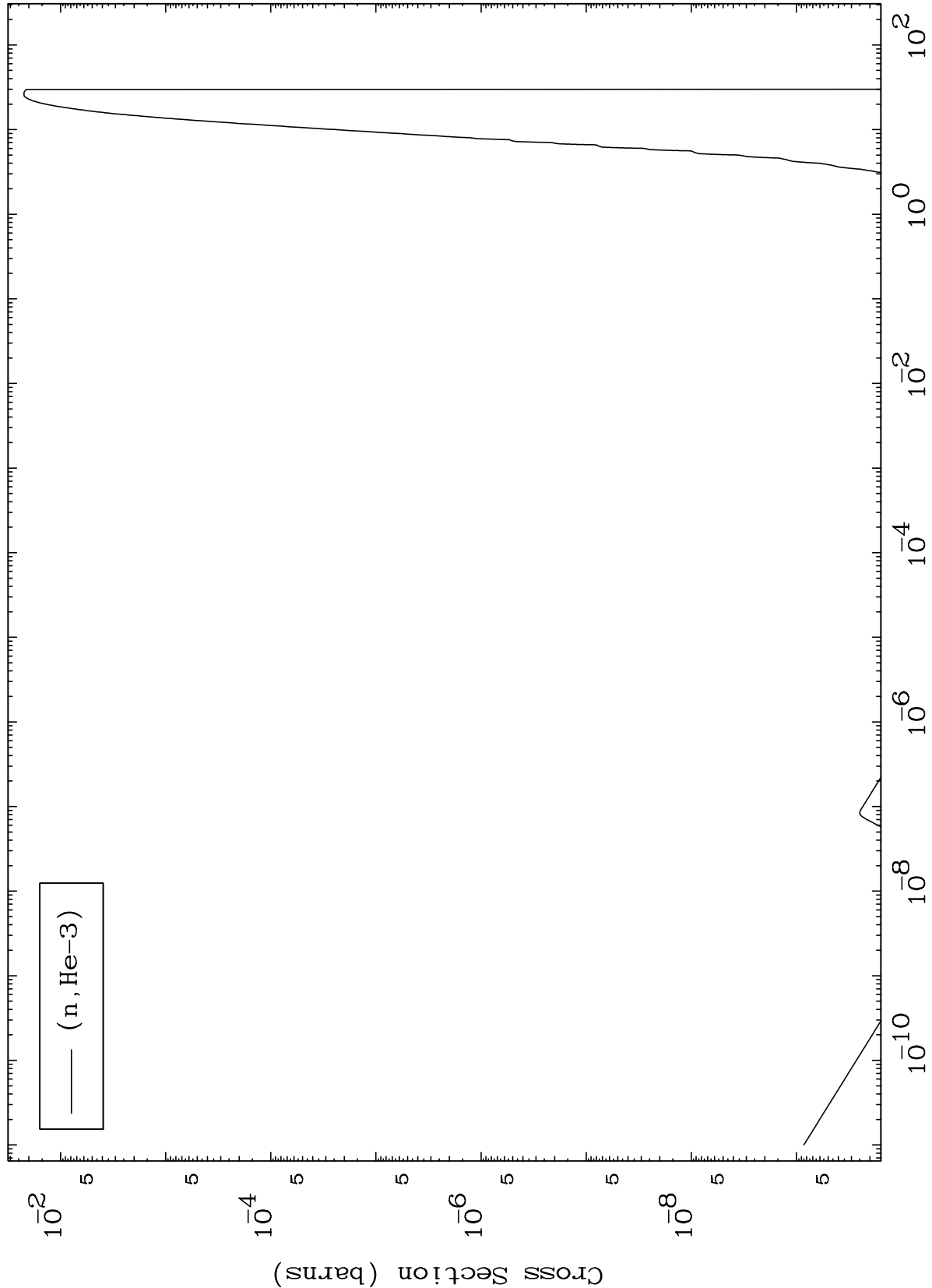
(n,t) Levels
293 Kelvin Cross Sections



62-Sm-131

Incident Energy (MeV)

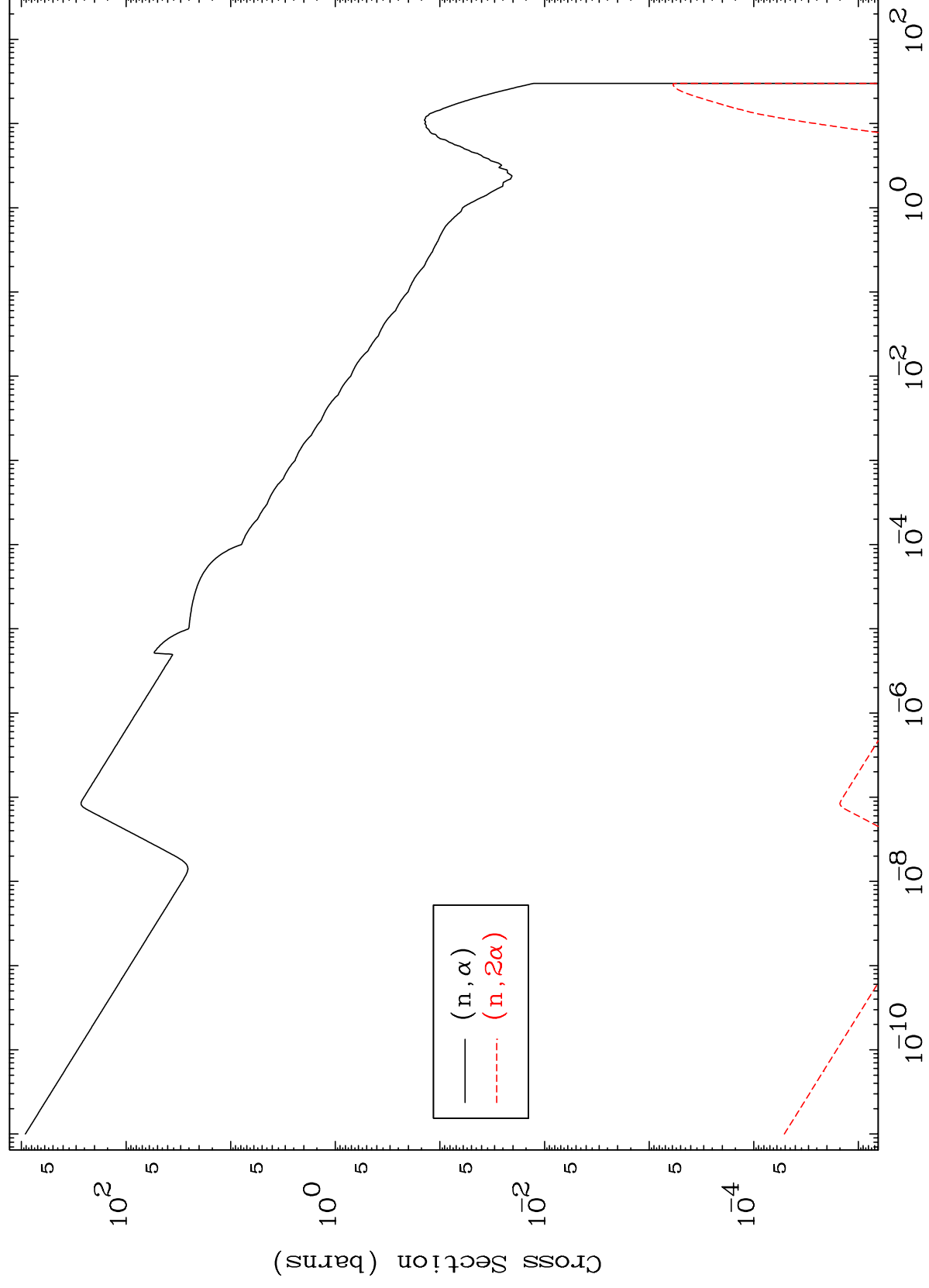
12



MAT 6186

(n,α) Levels
293 Kelvin Cross Sections

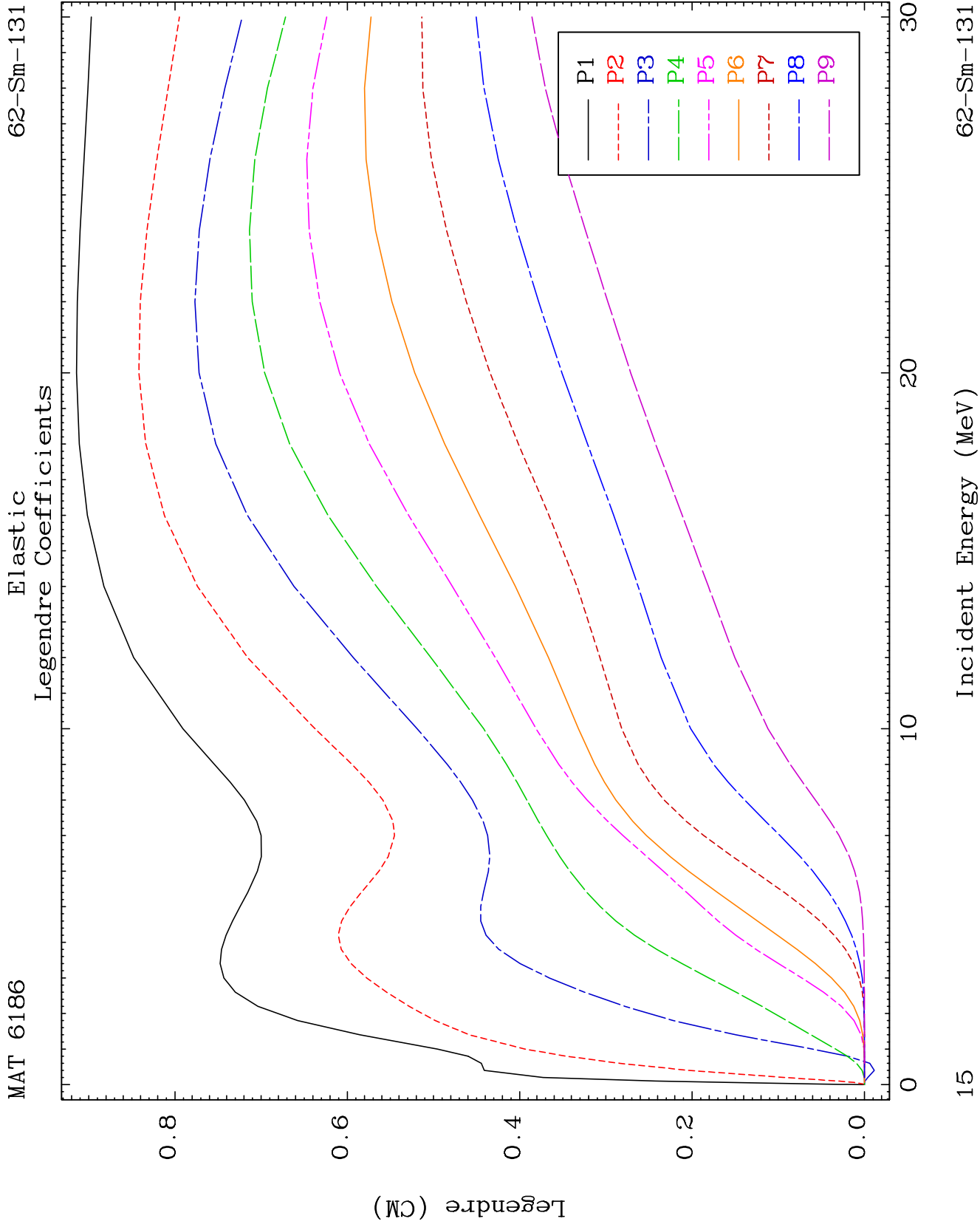
62-Sm-131

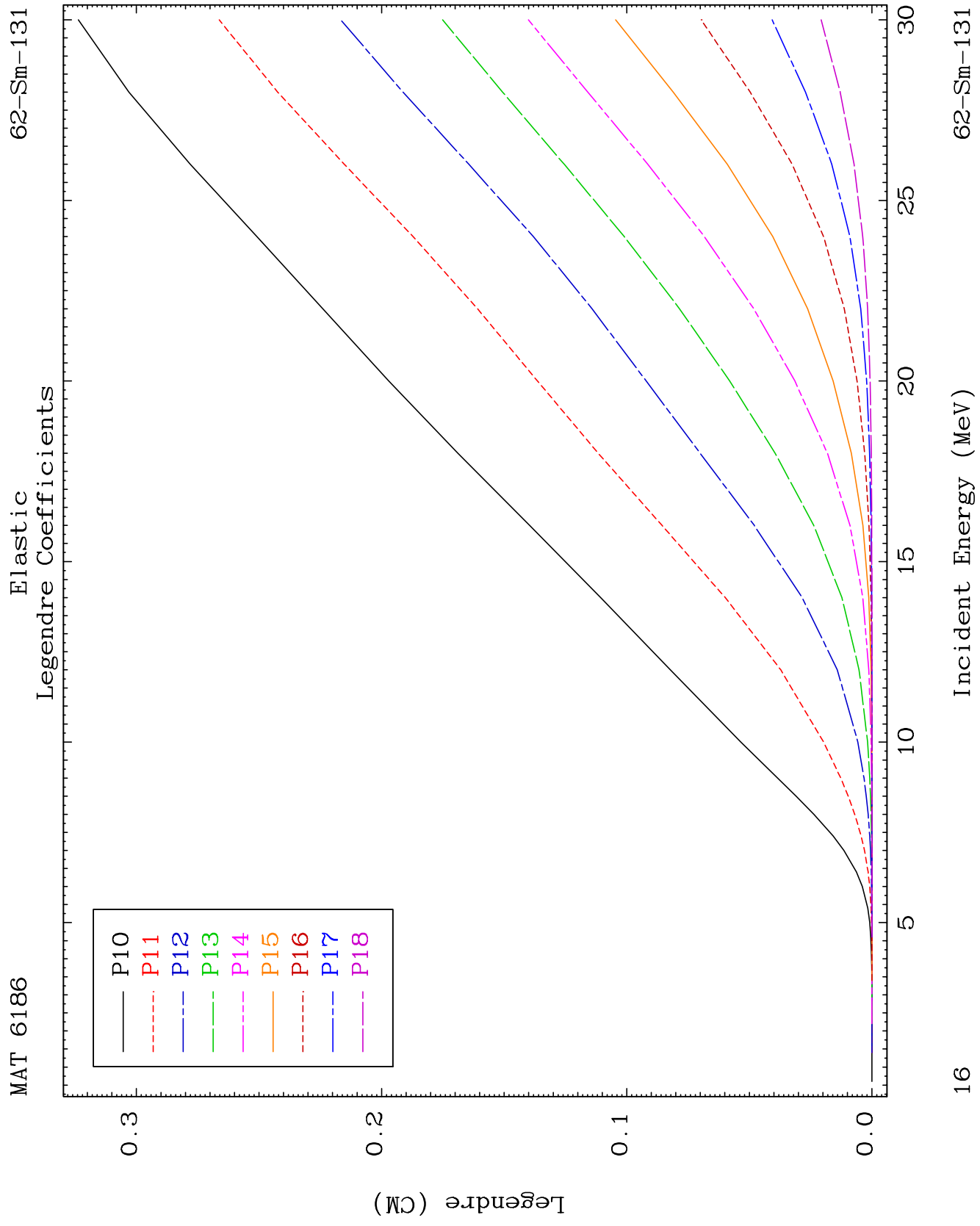


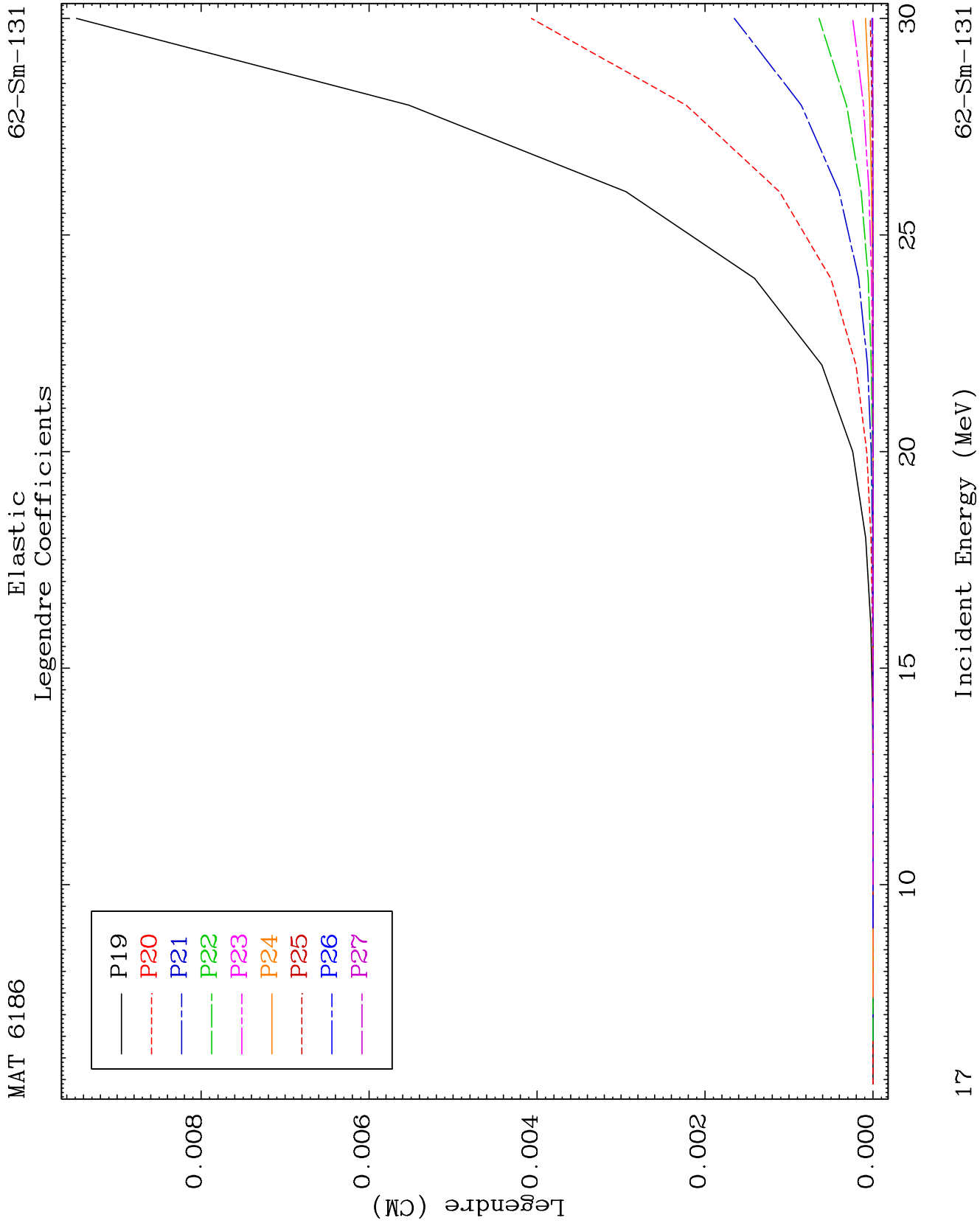
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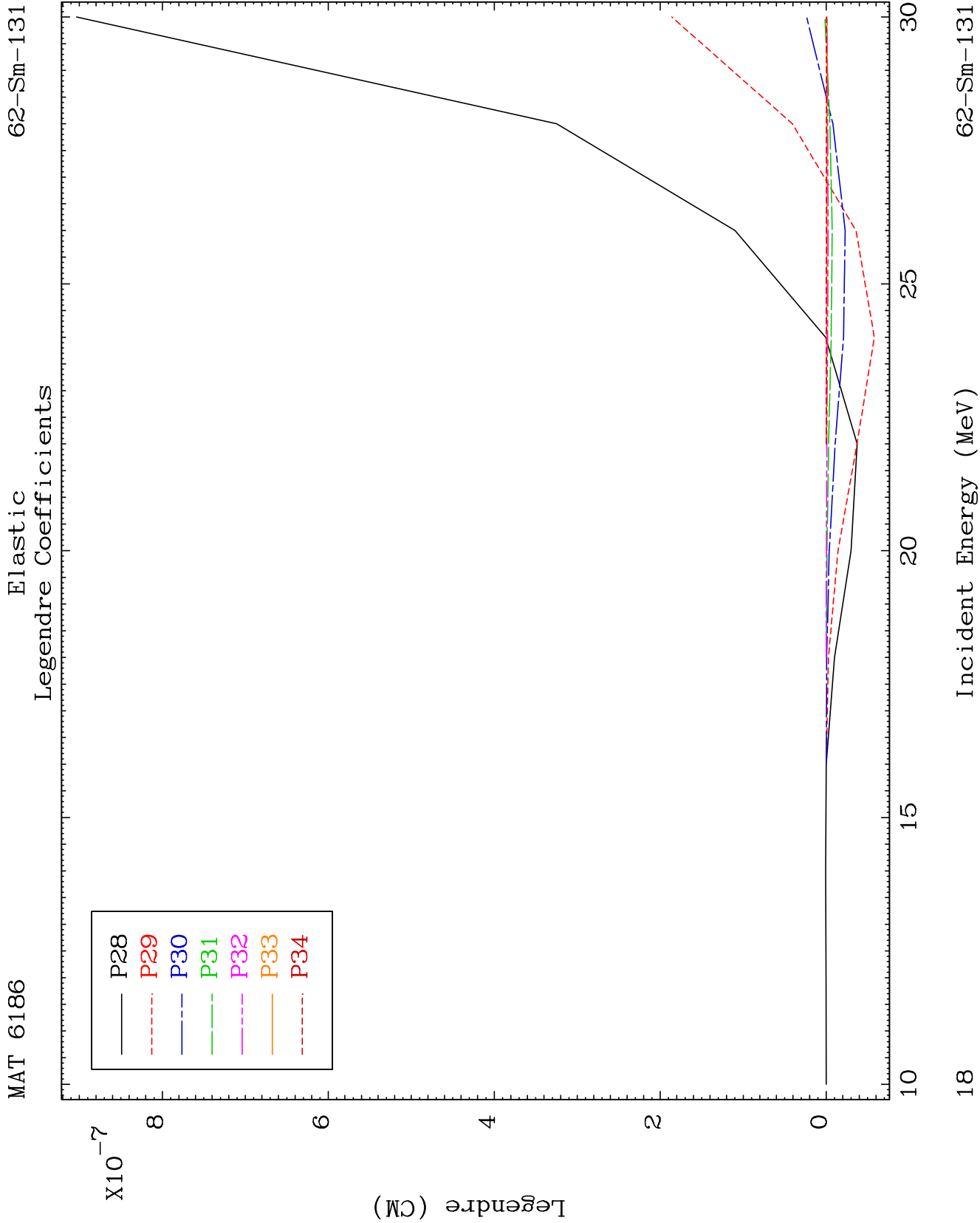
Incident Energy (MeV)

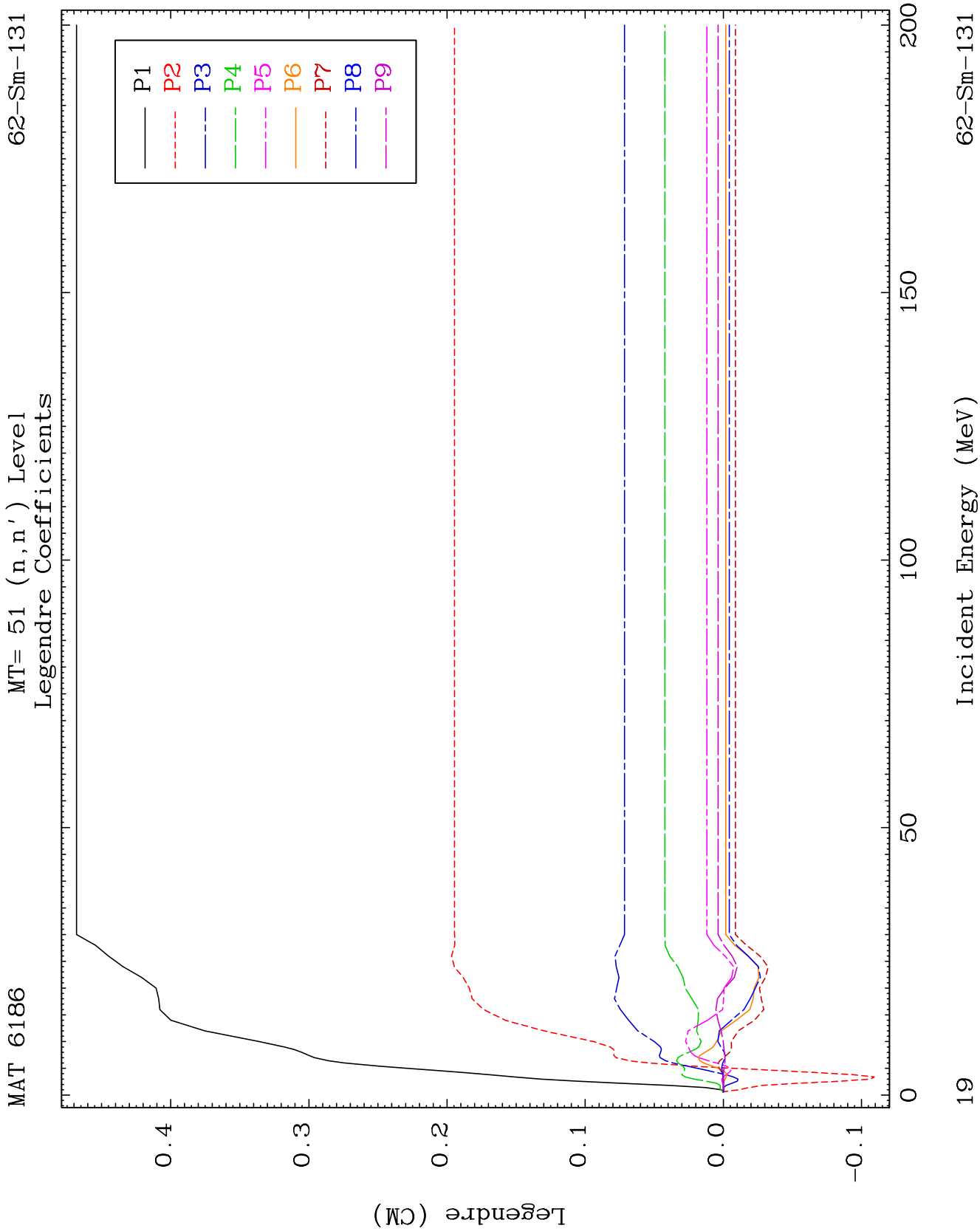
62-Sm-131







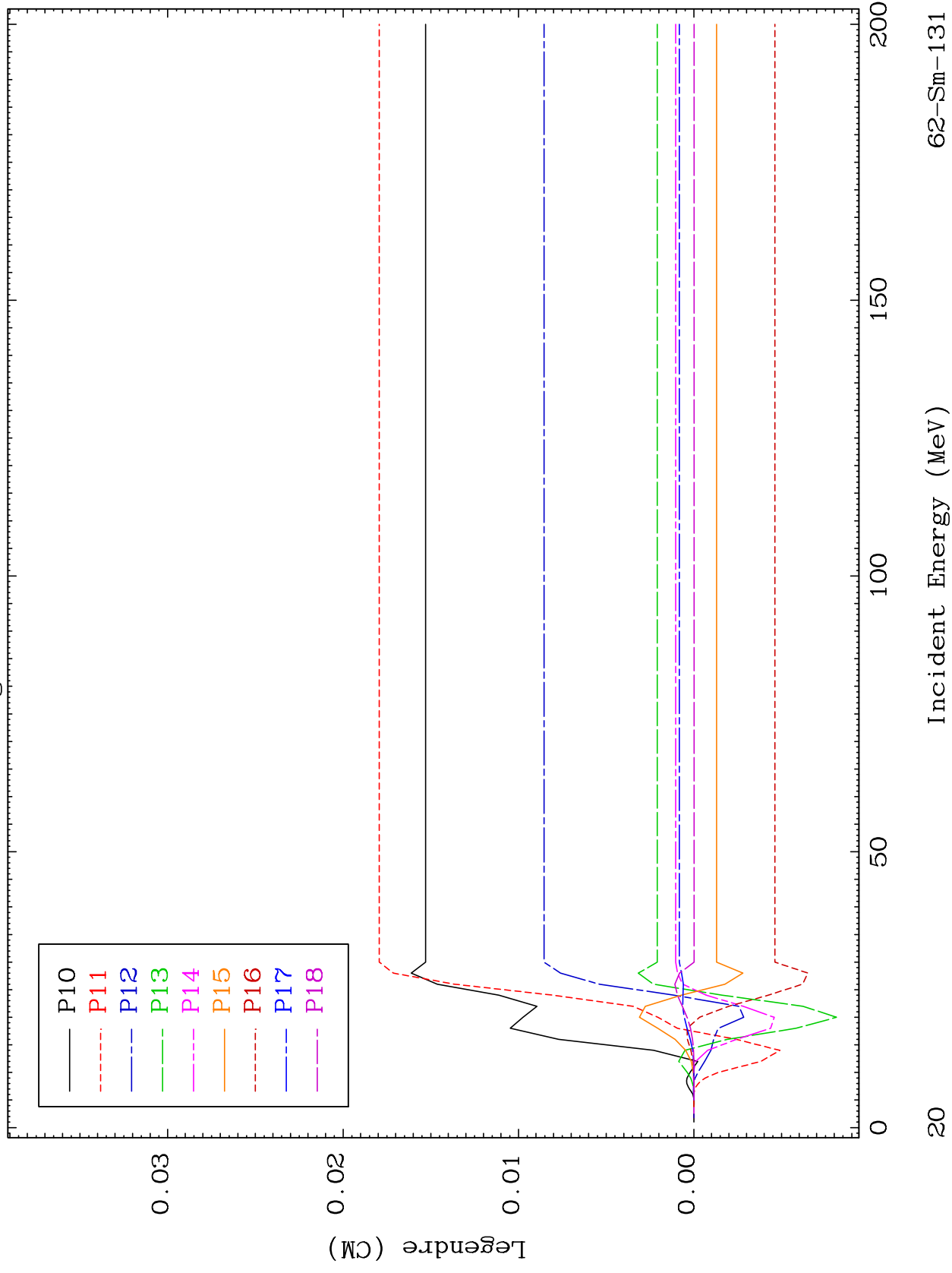


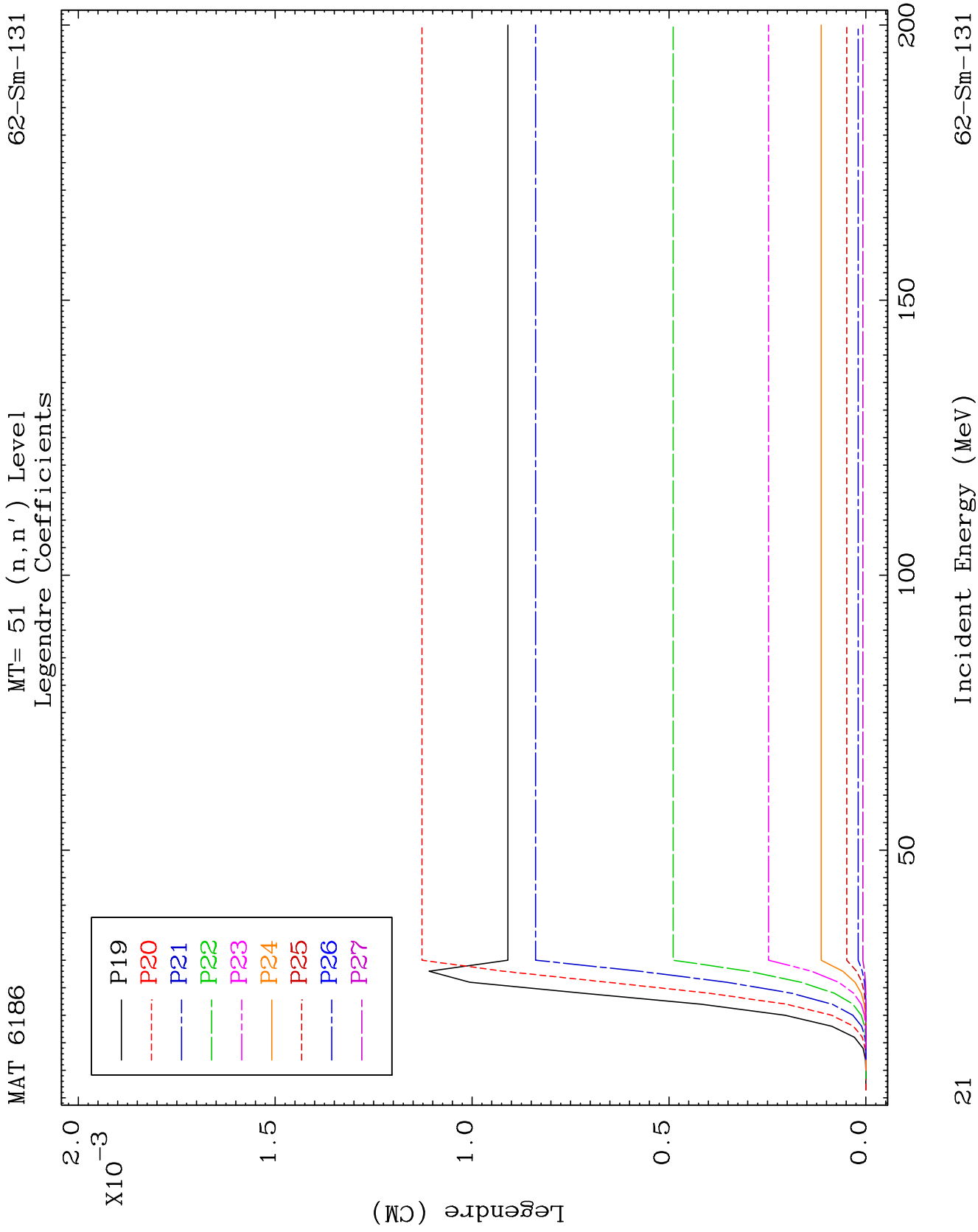


MAT 6186

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

62-Sm-131

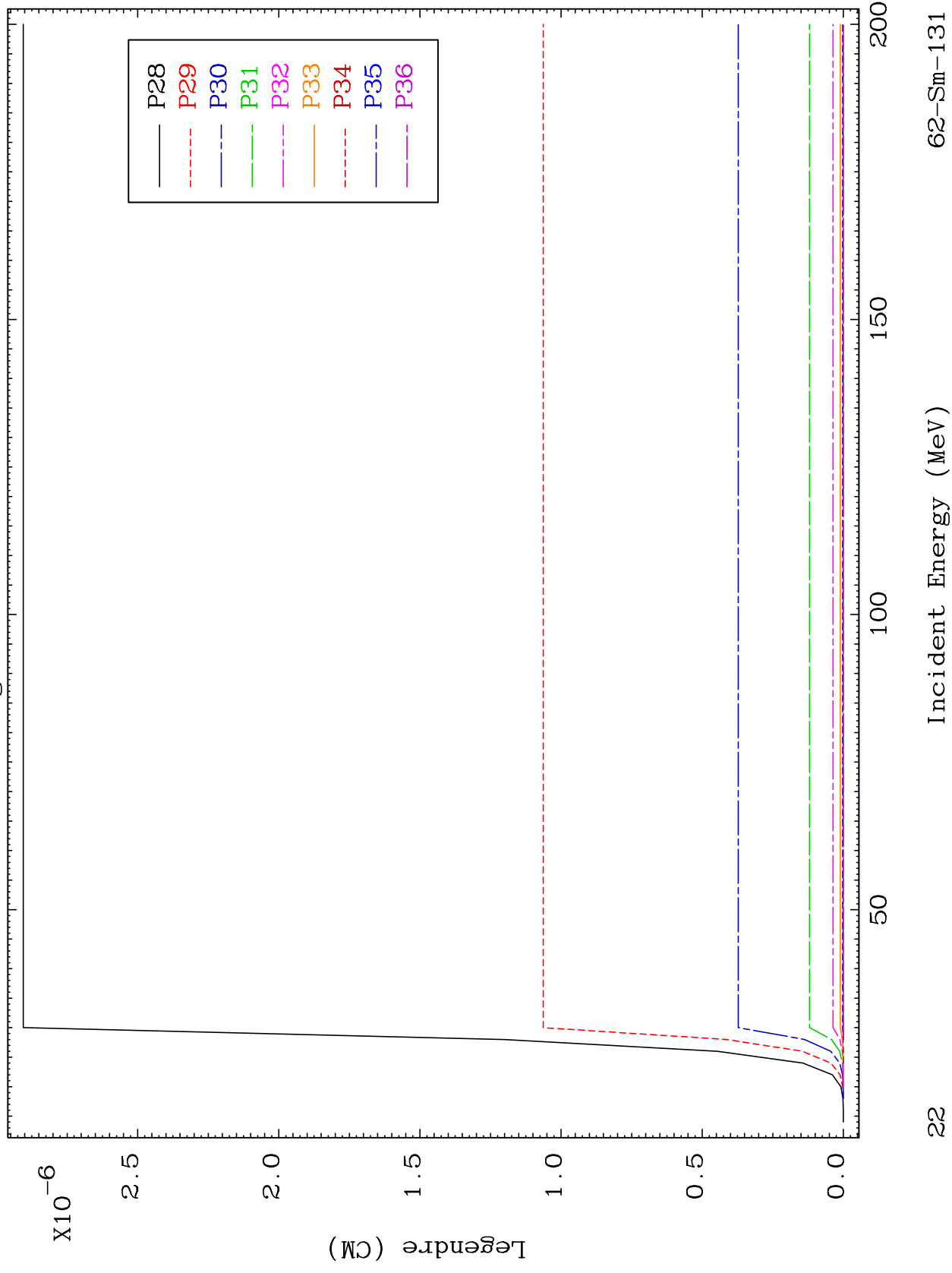




MAT 6186

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

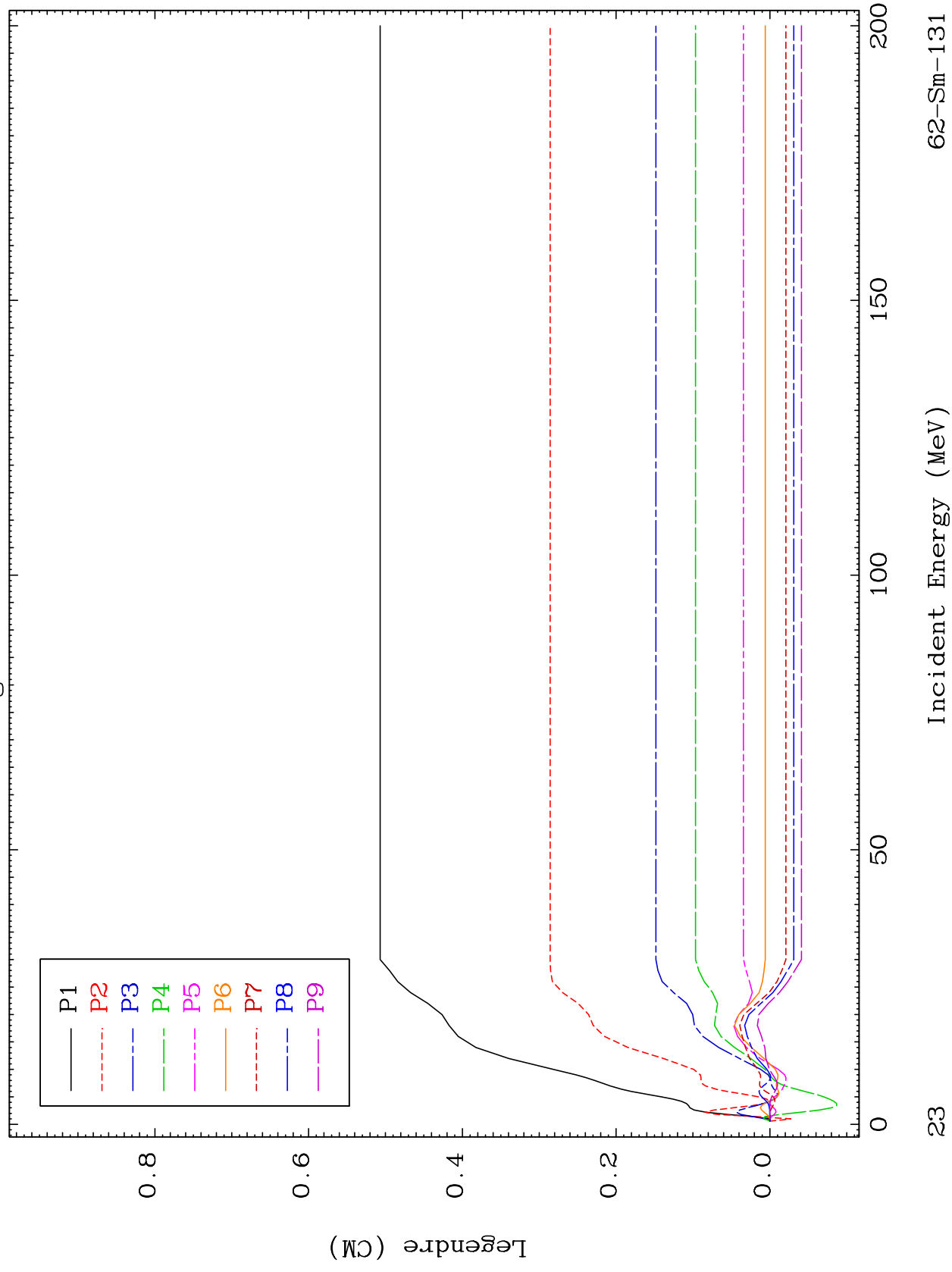
62-Sm-131

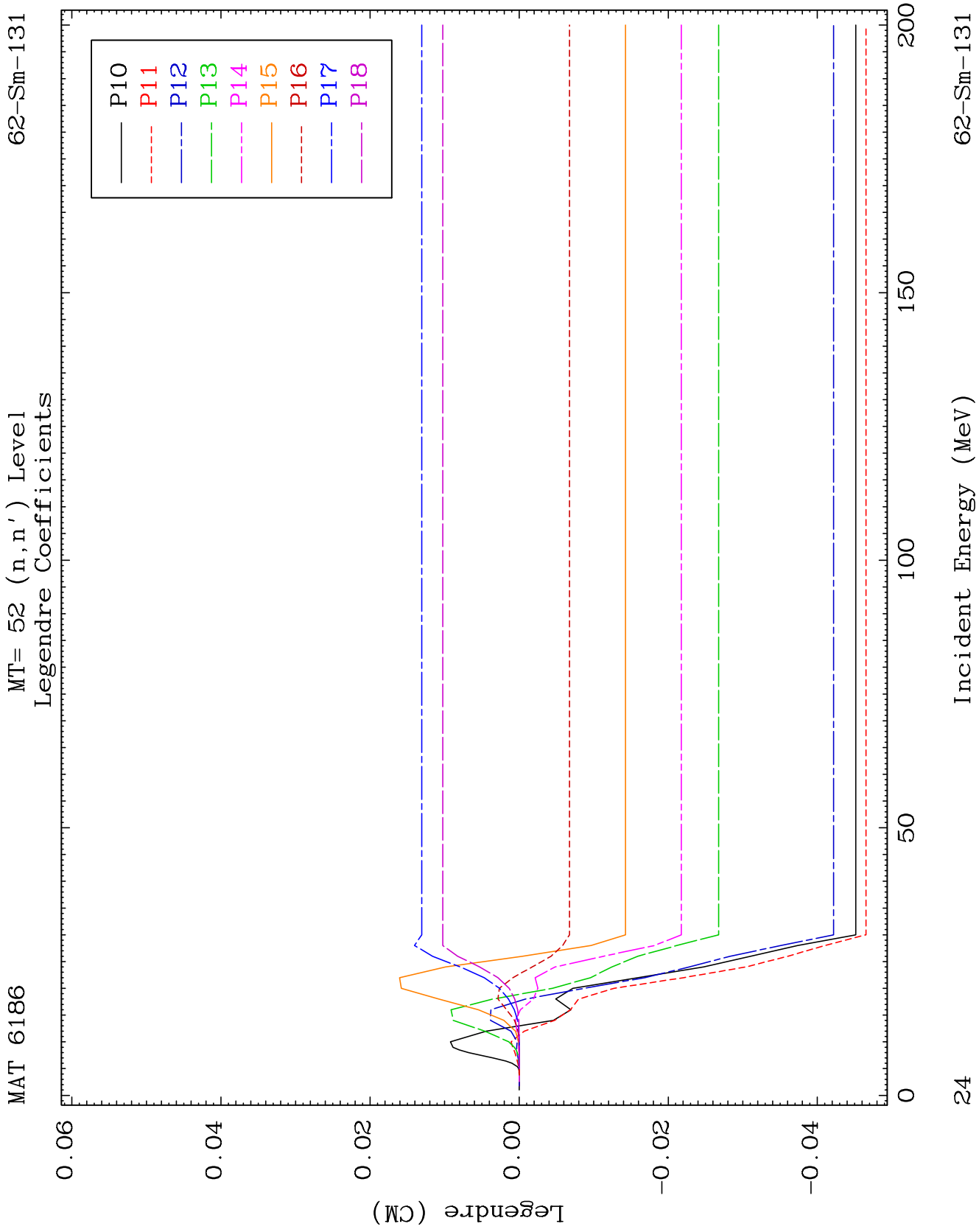


MAT 6186

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

62-Sm-131

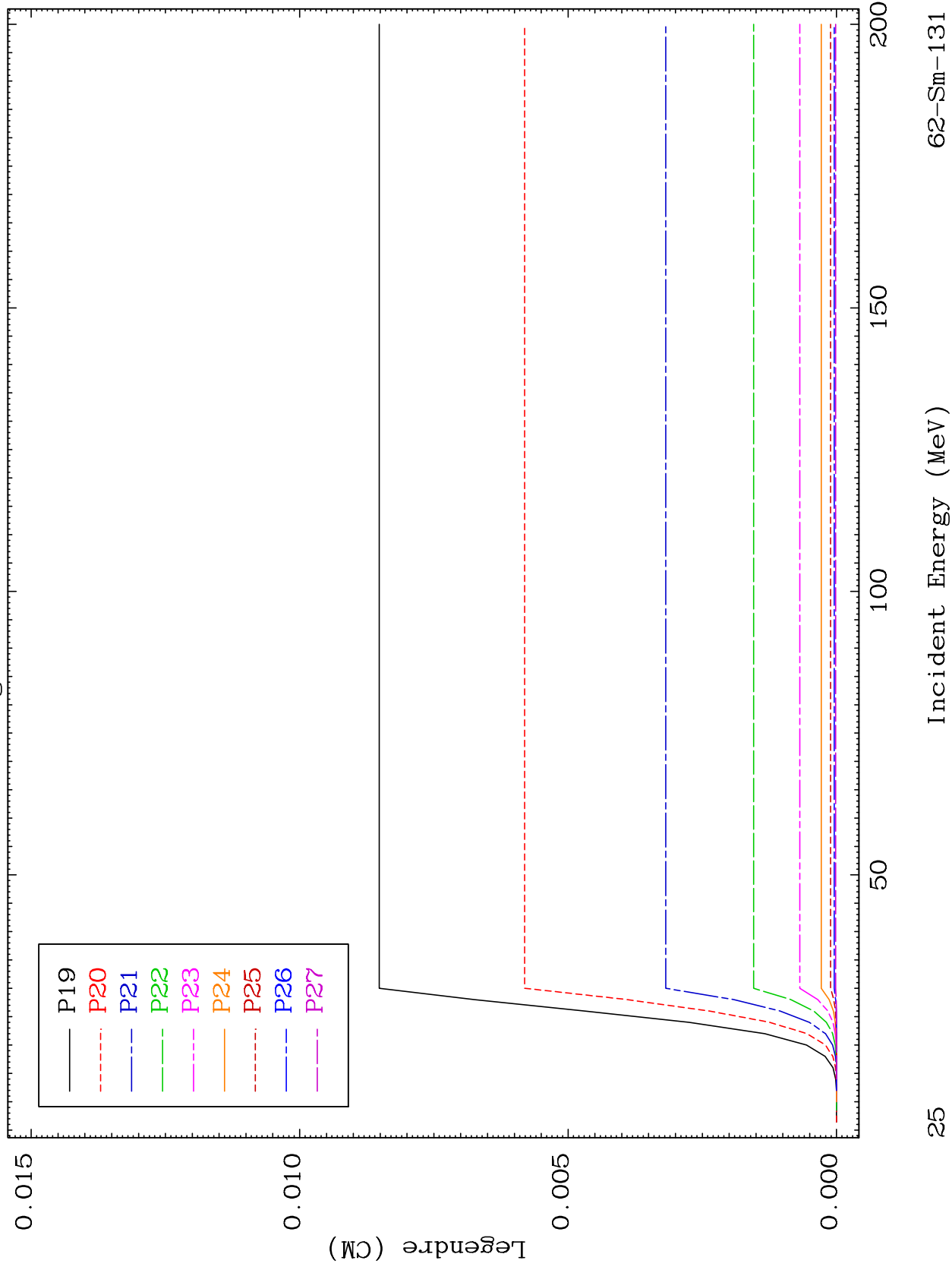


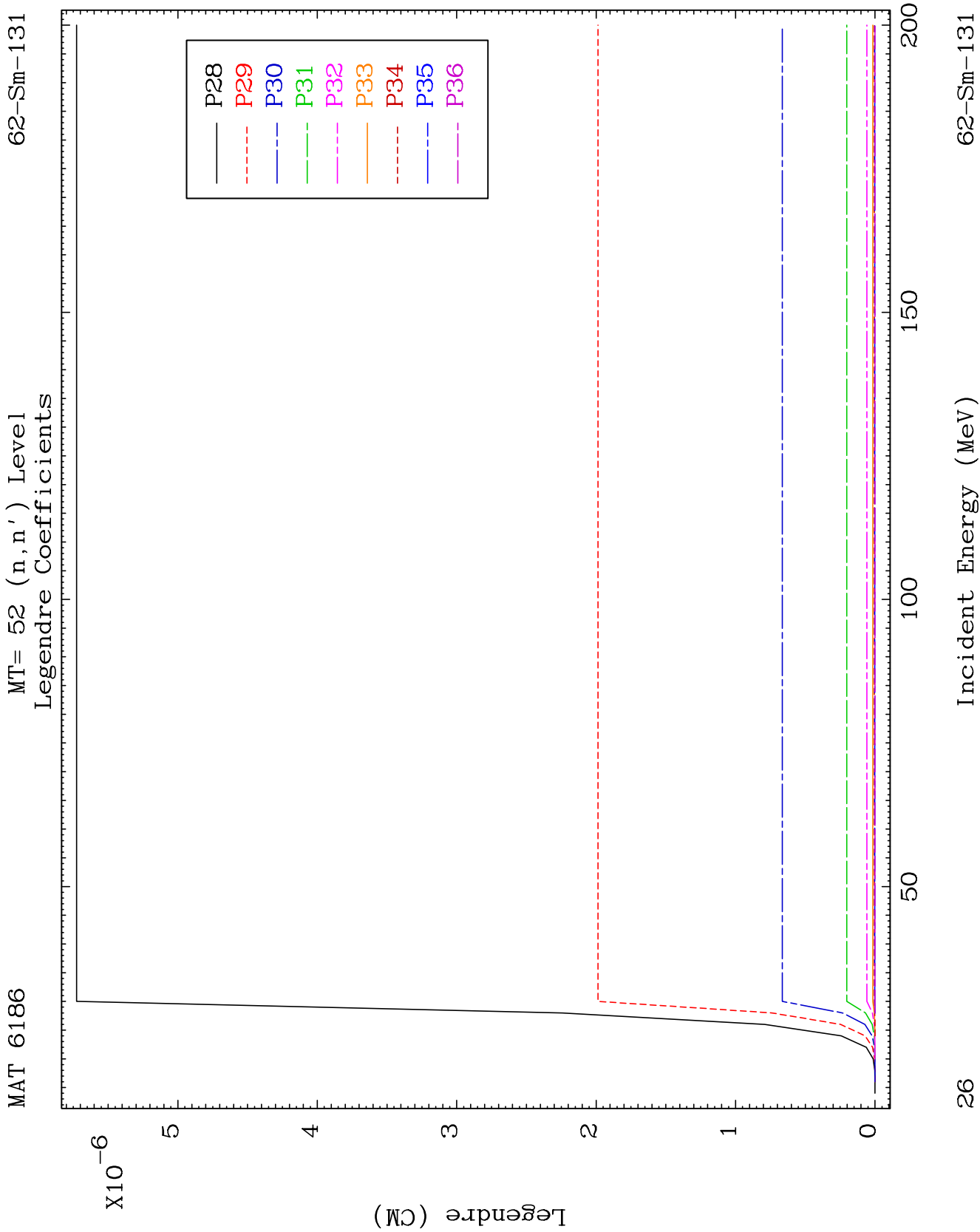


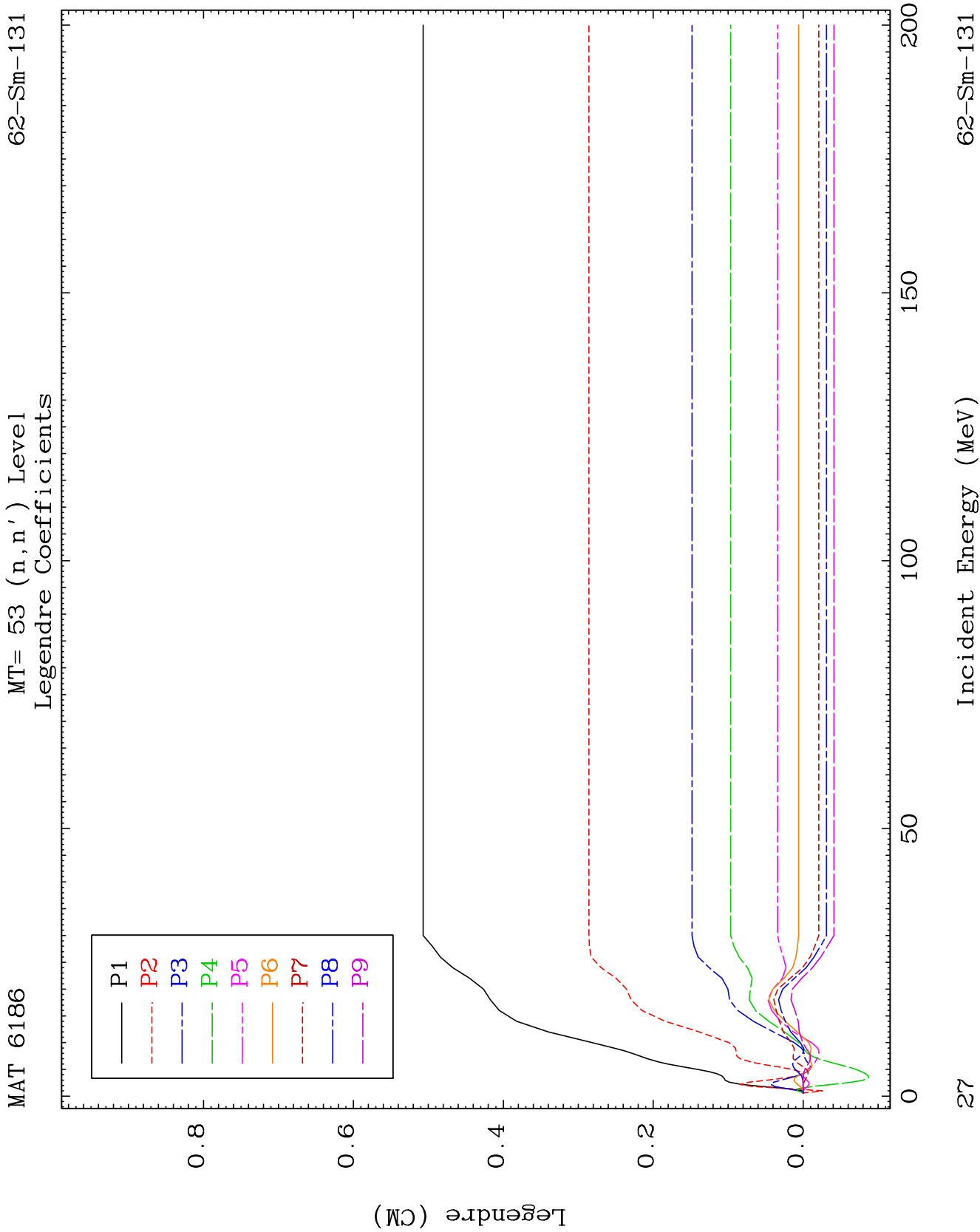
MAT 6186

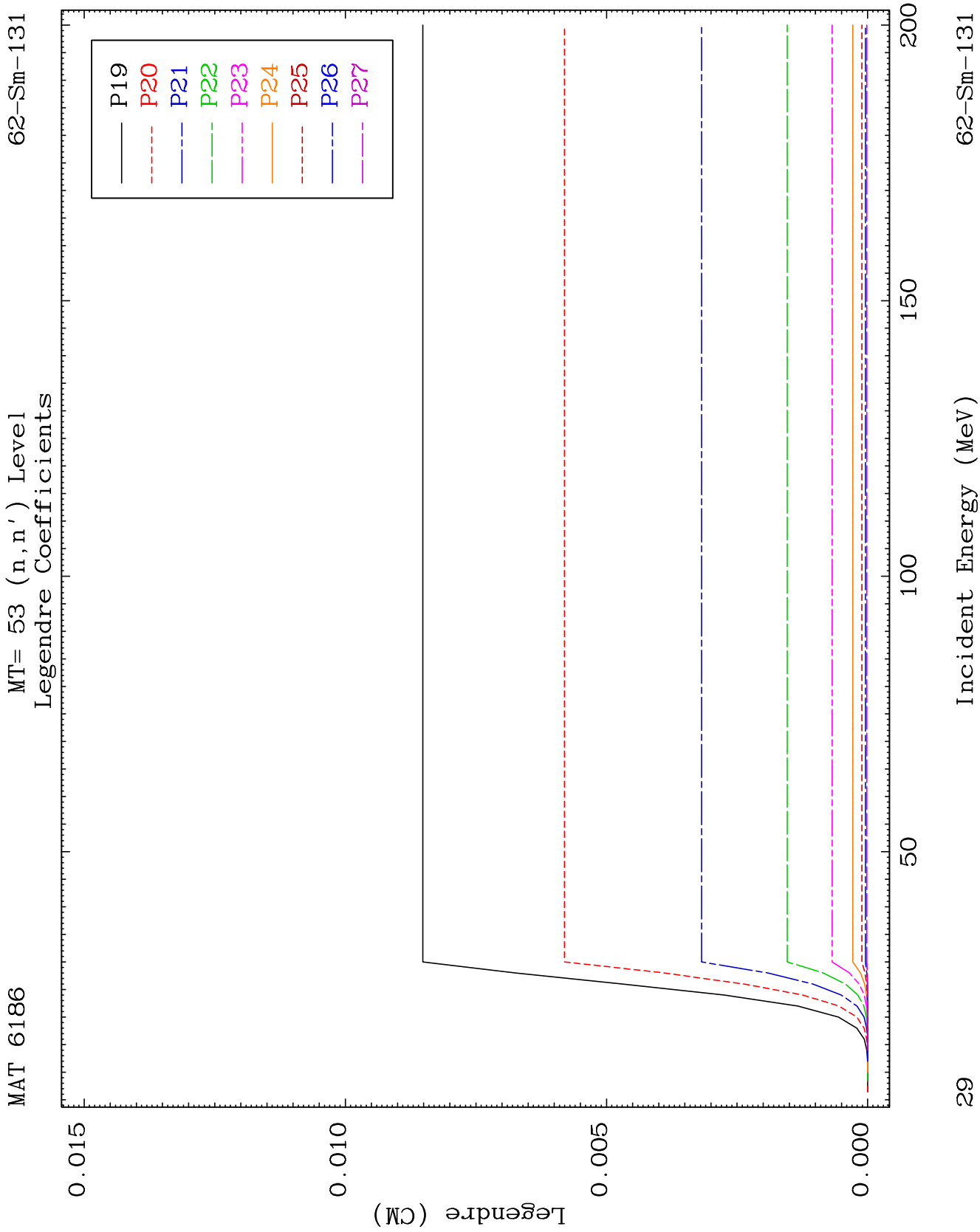
MT= 52 (n, n') Level
Legendre Coefficients

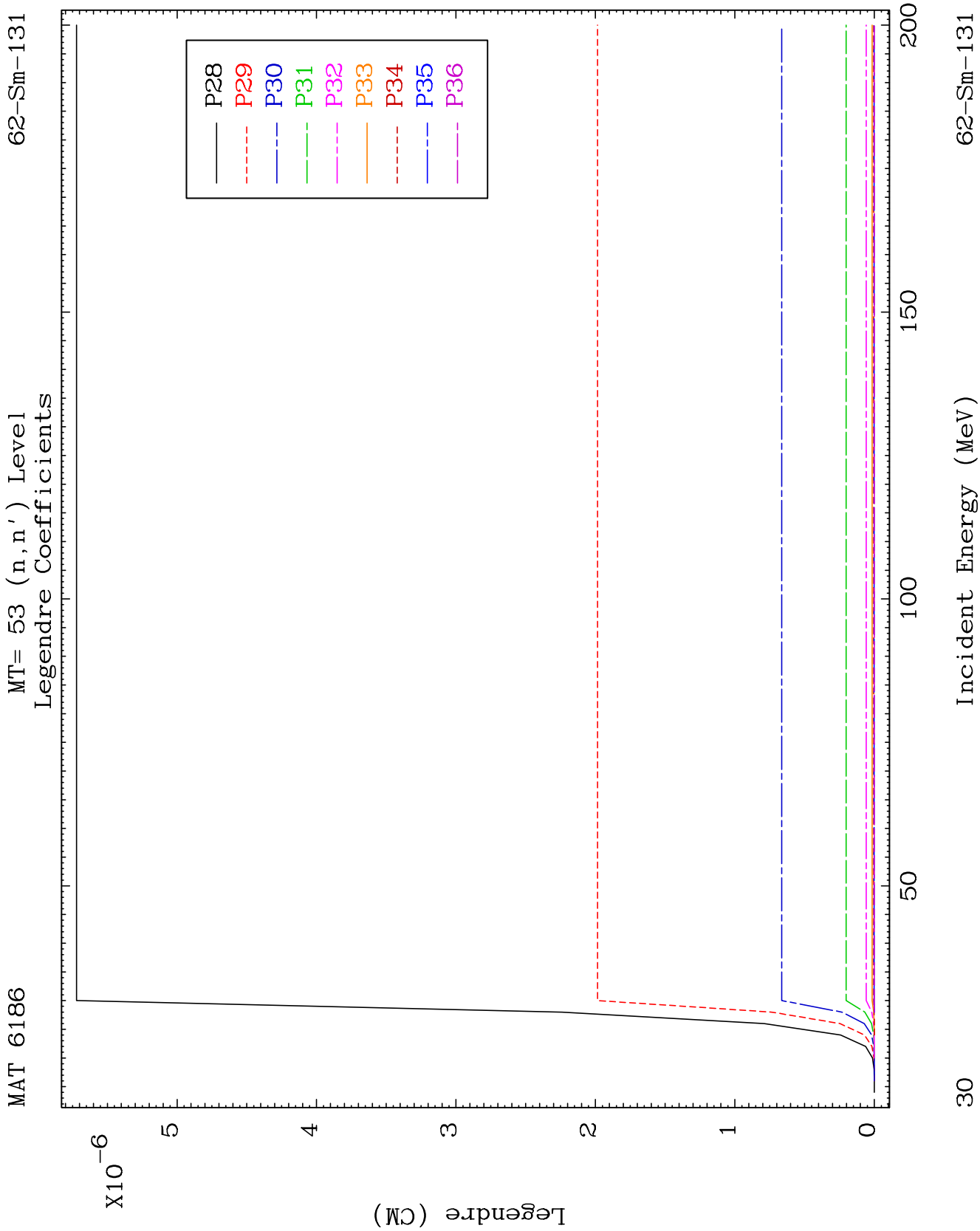
62-Sm-131

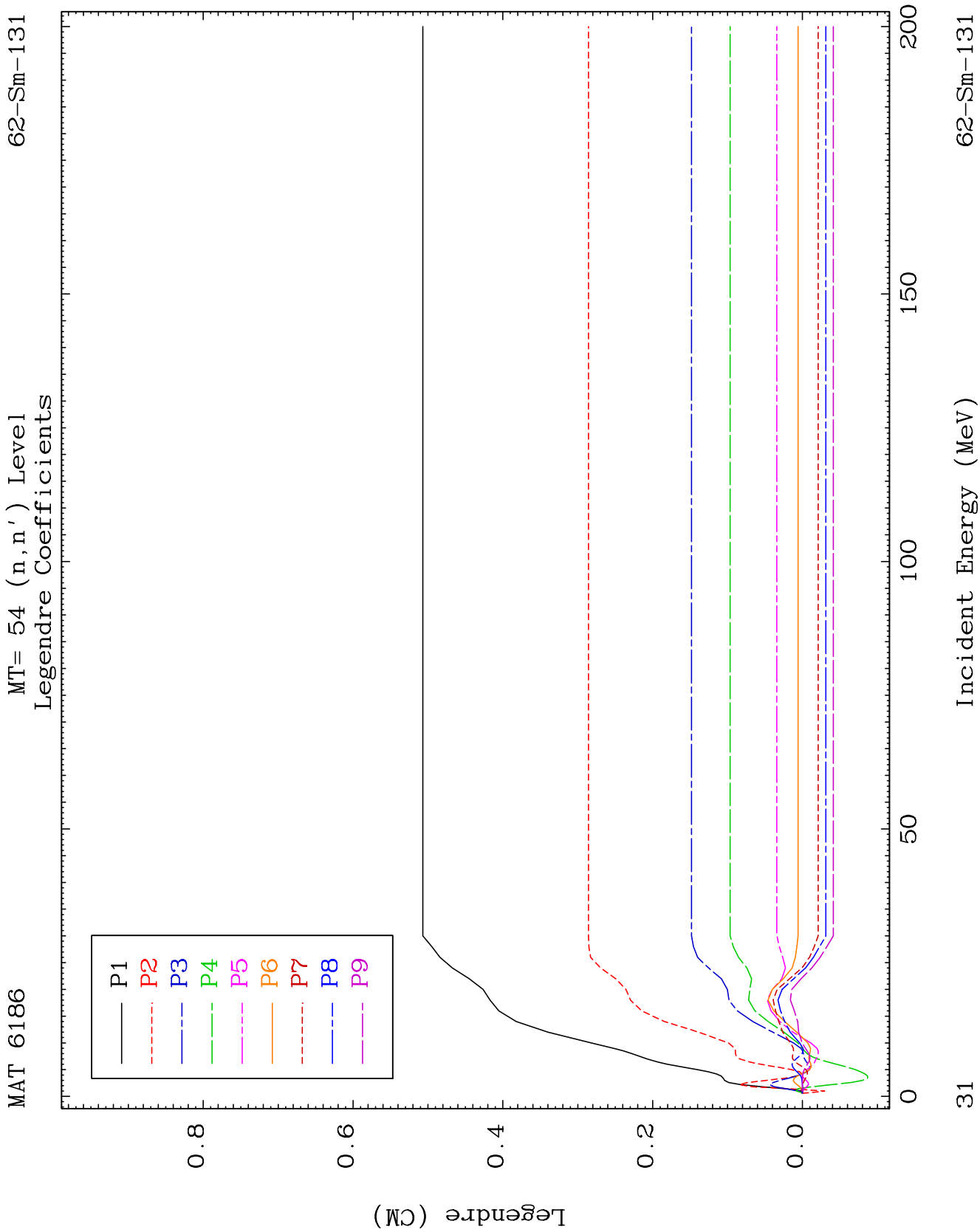








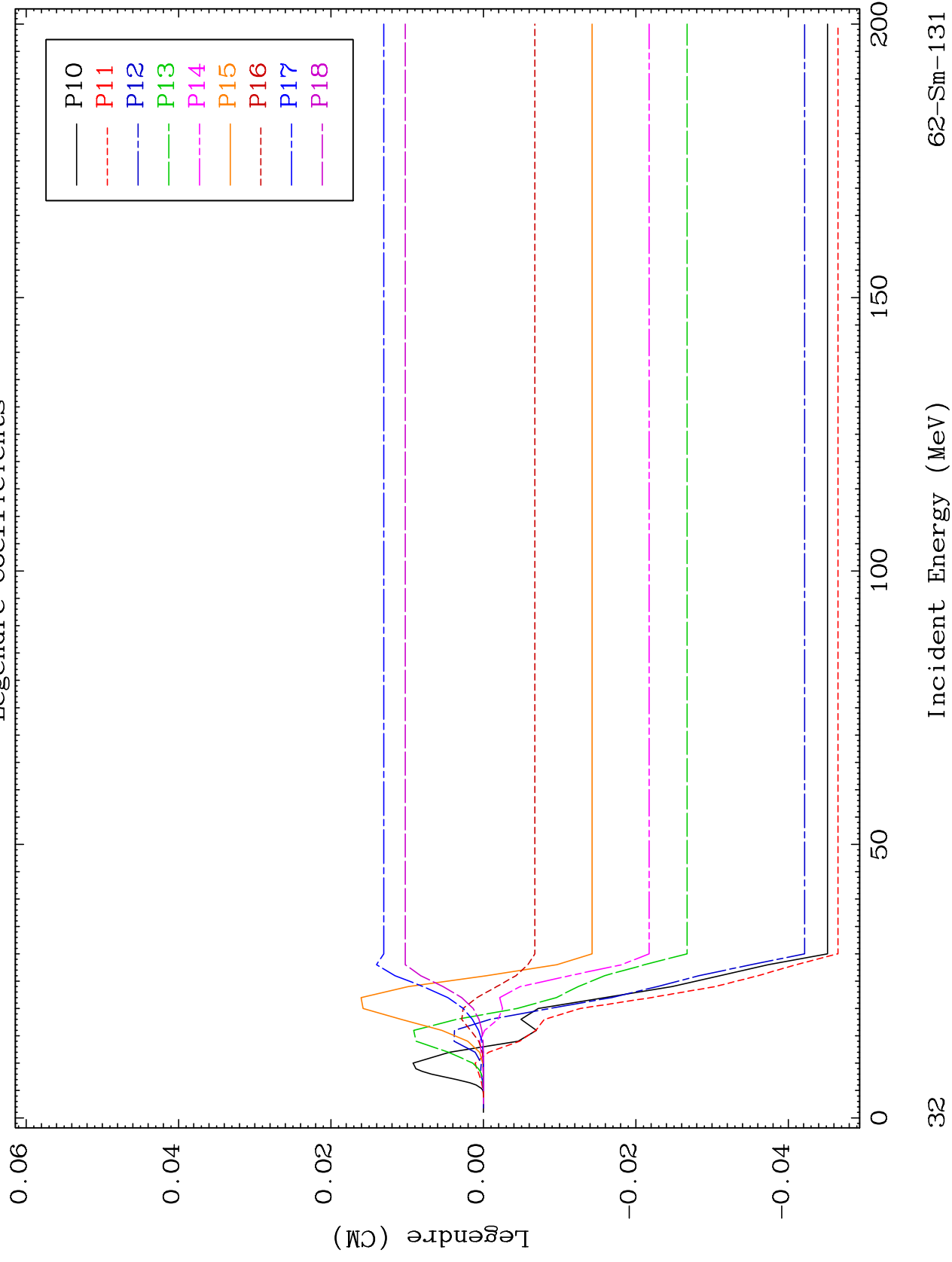


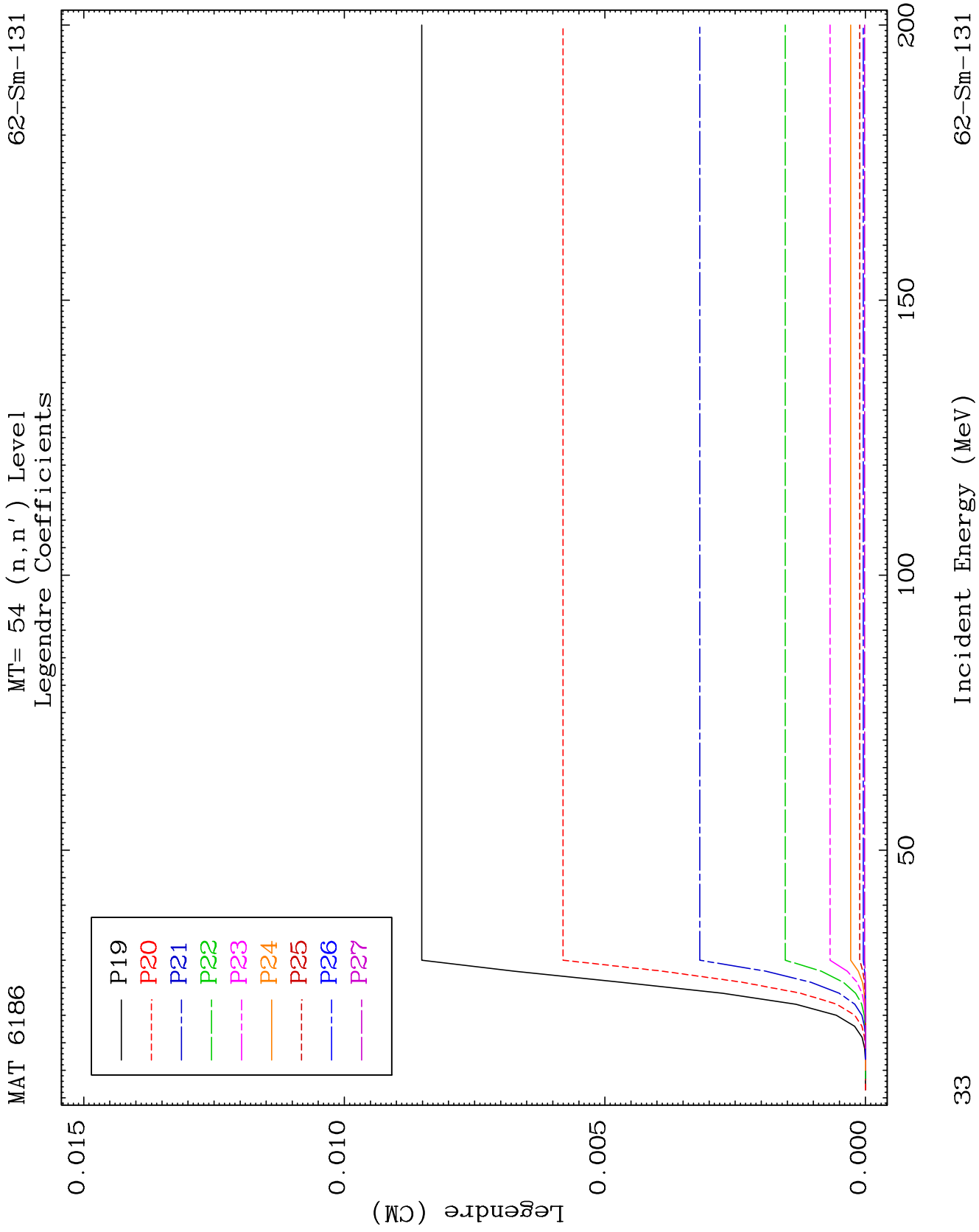


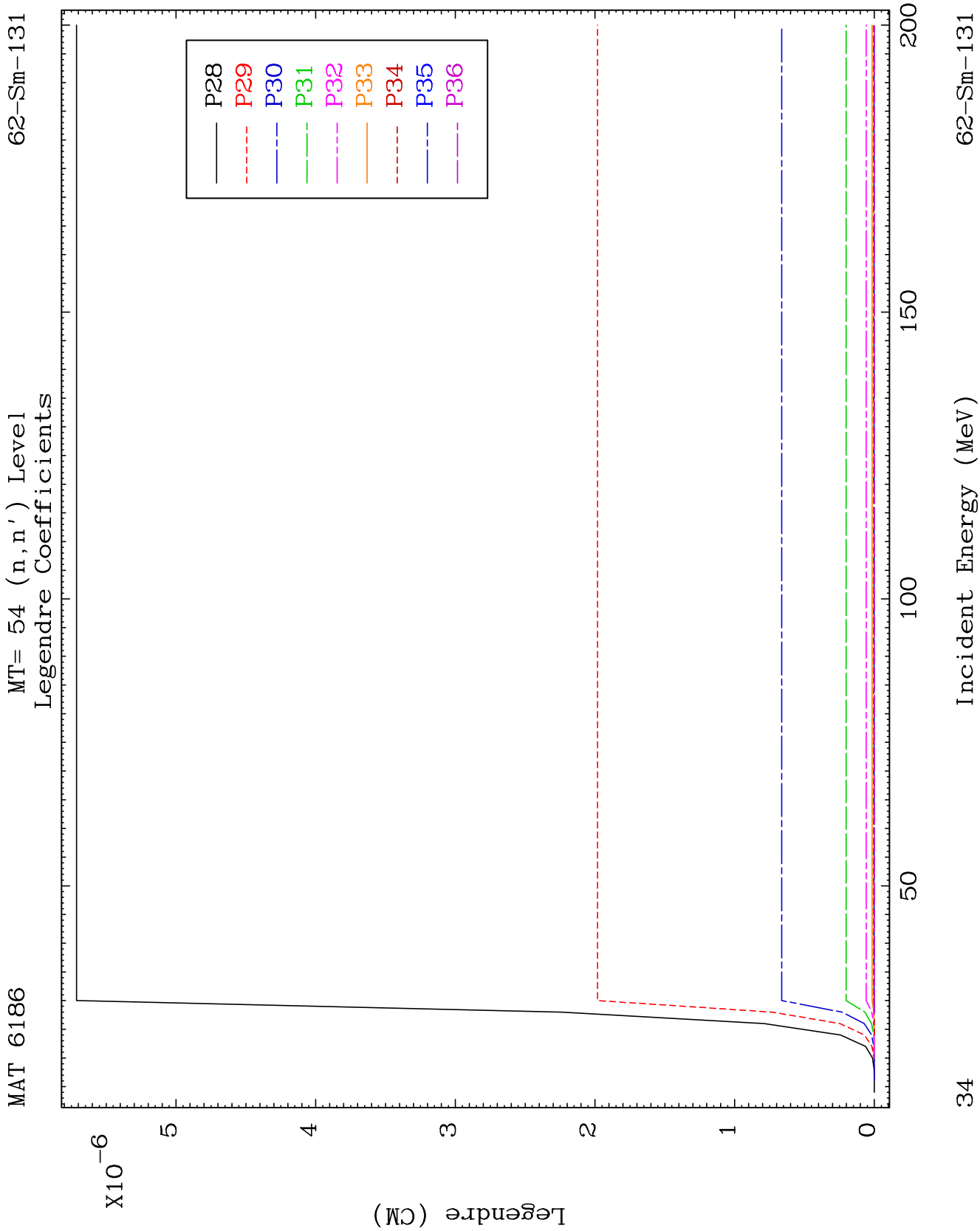
MAT 6186

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

62-Sm-131



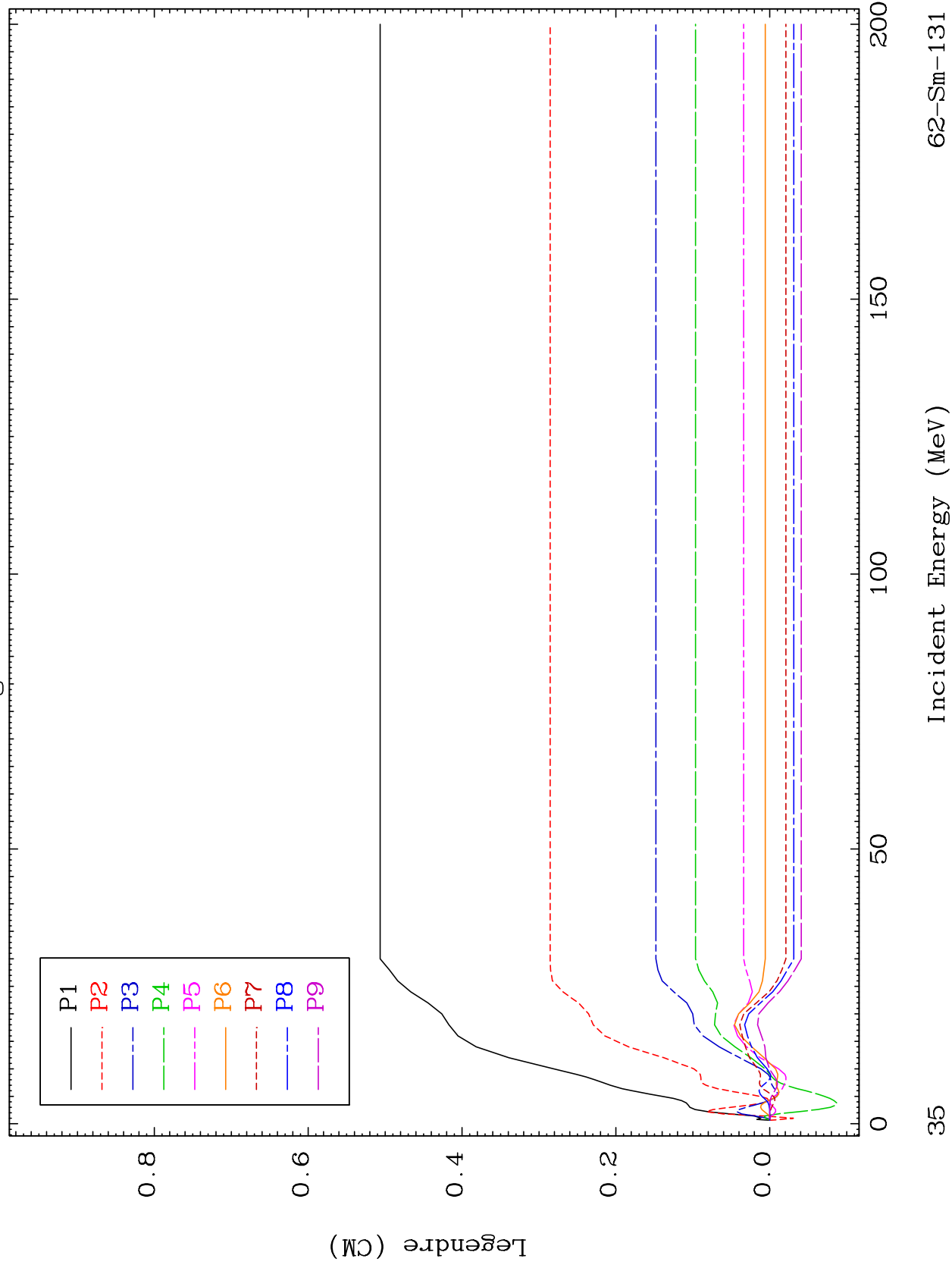


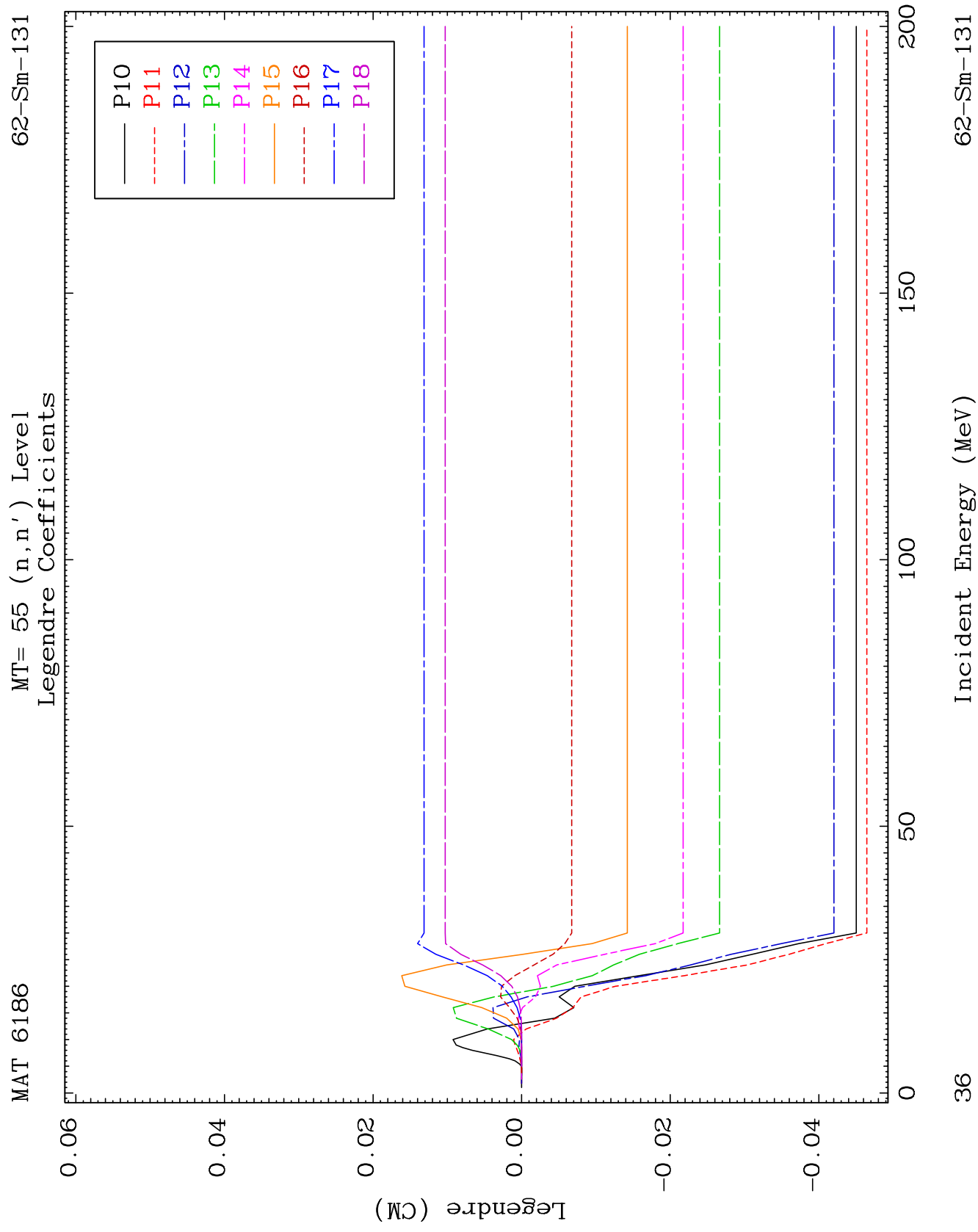


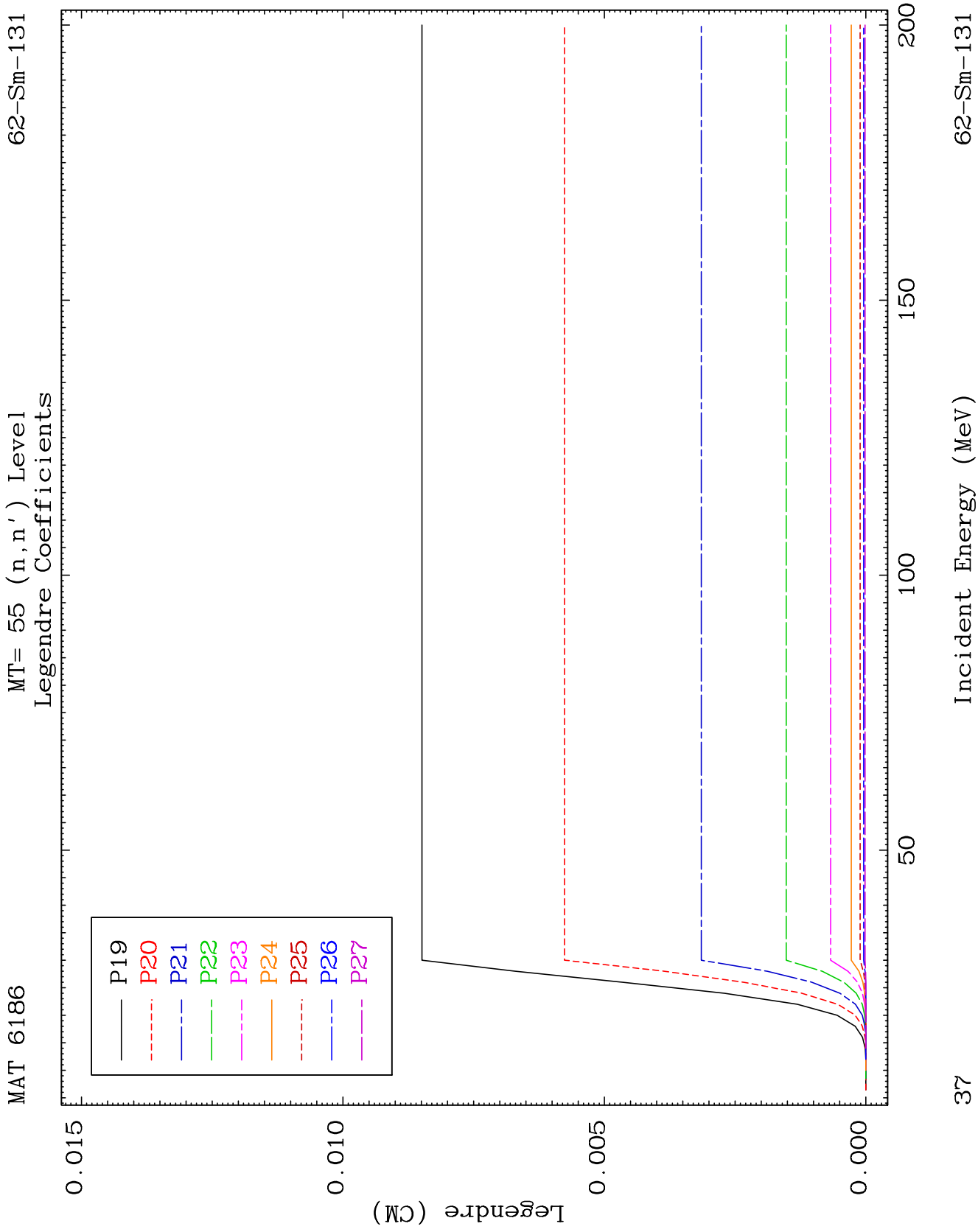
MAT 6186

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

62-Sm-131



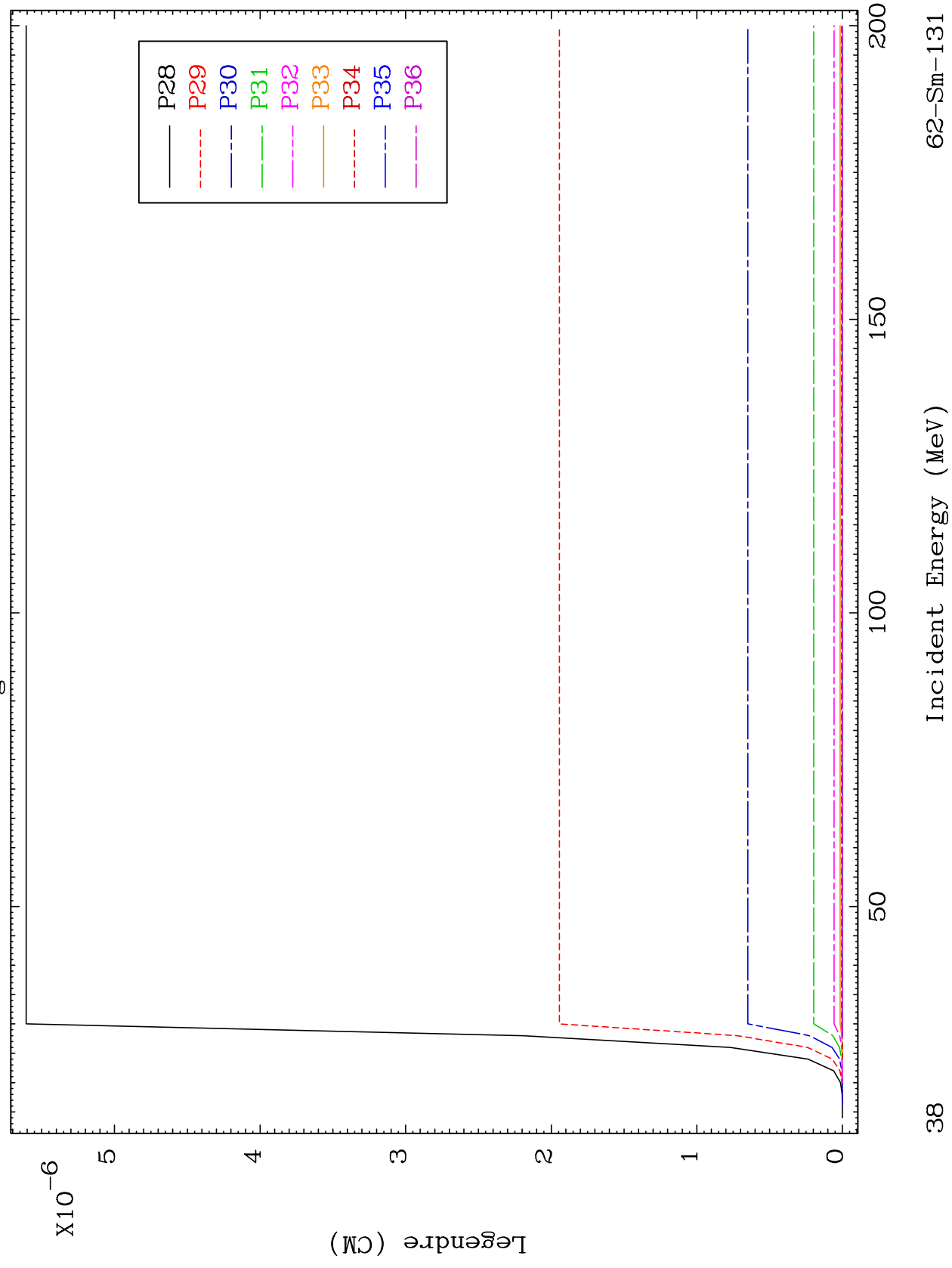




MAT 6186

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

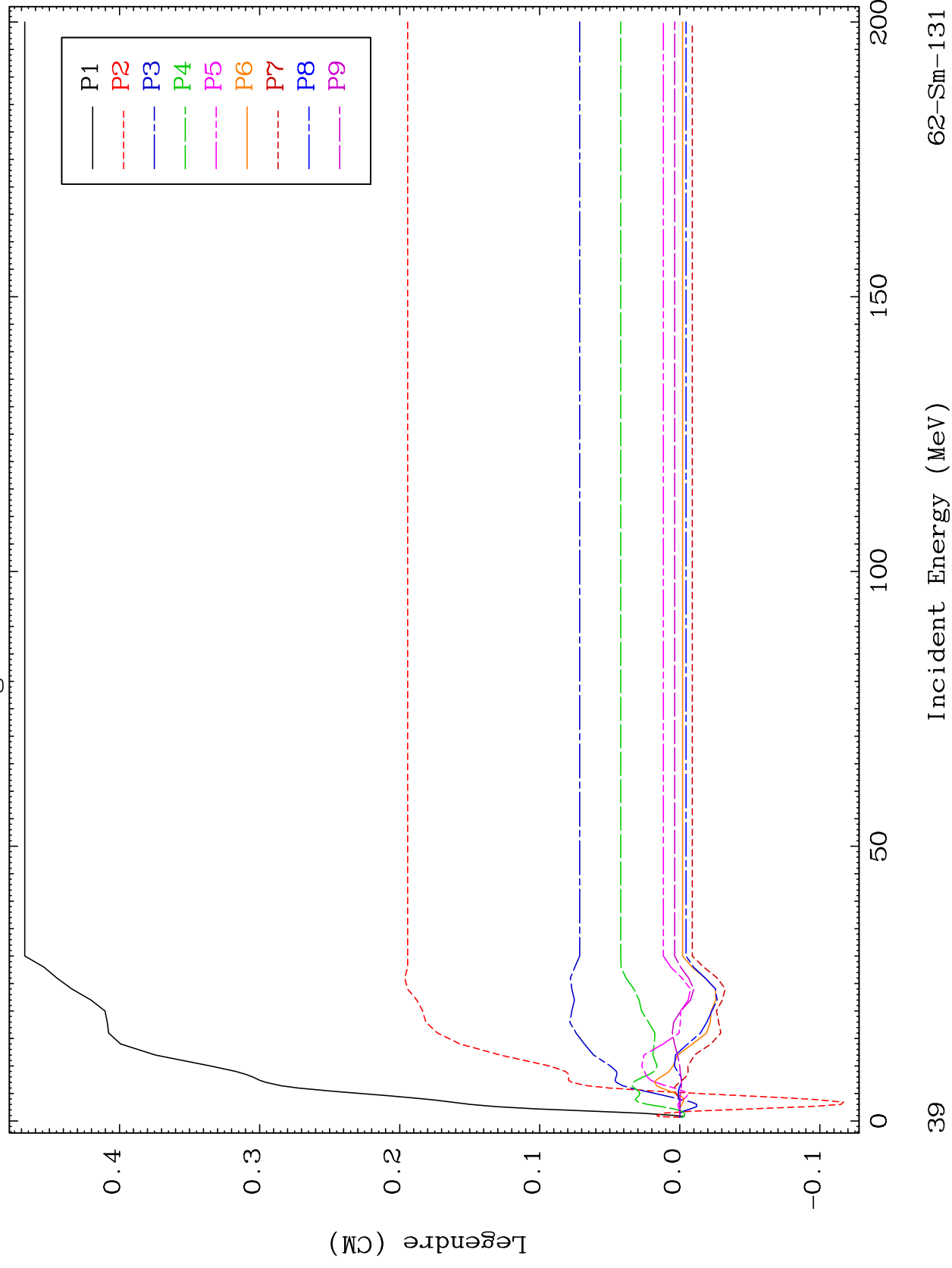
62-Sm-131



MAT 6186

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

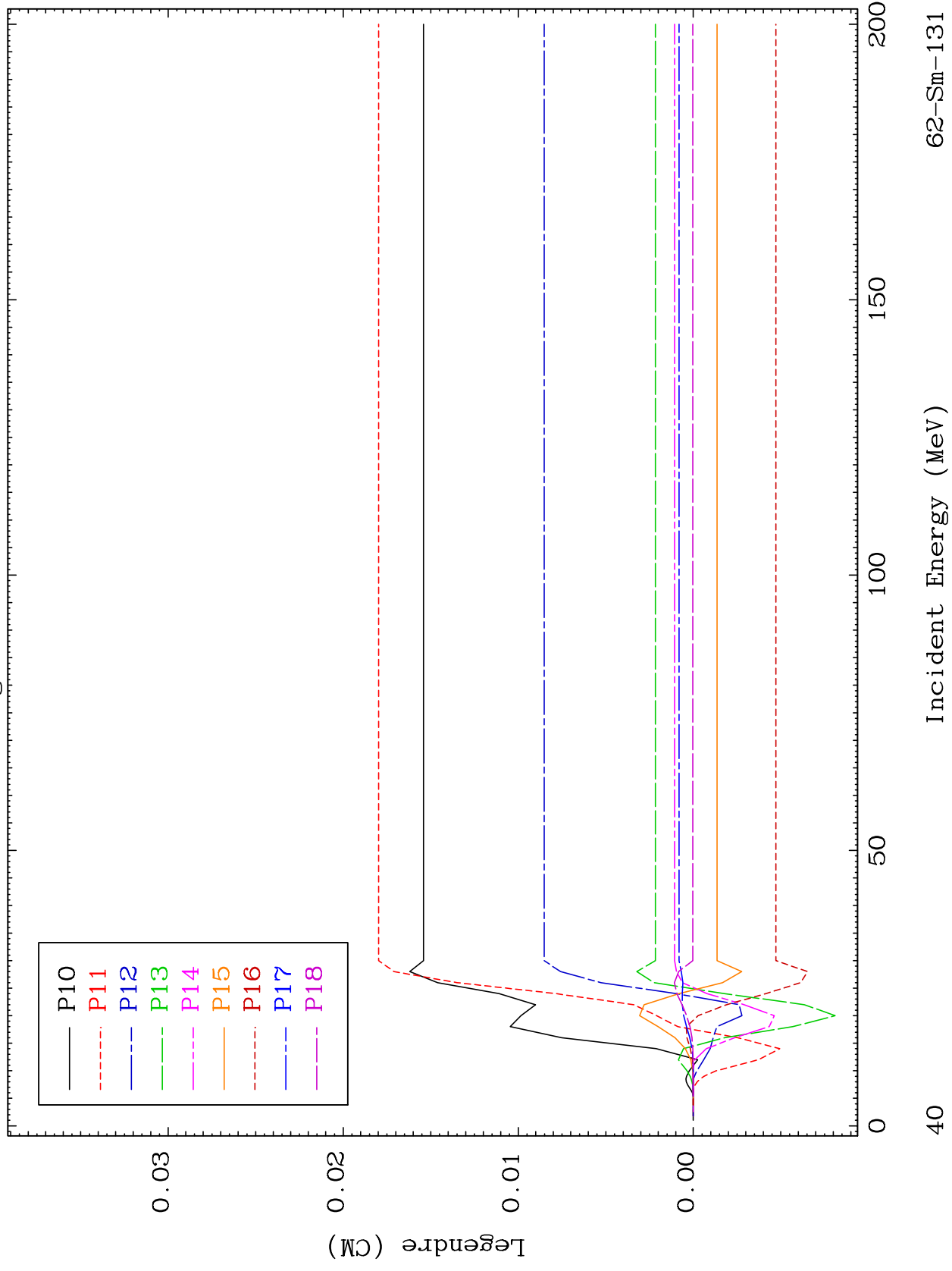
62-Sm-131



MAT 6186

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

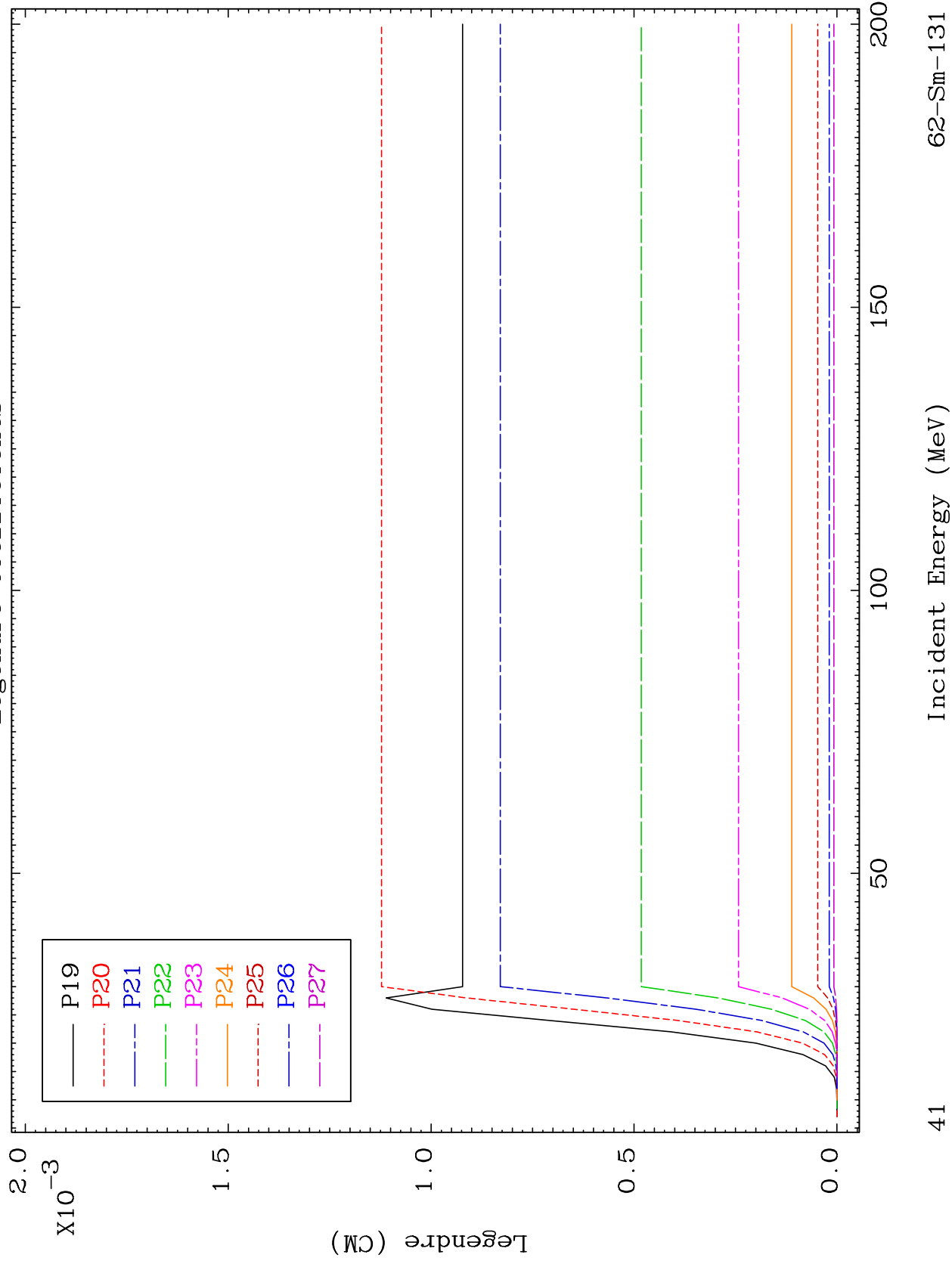
62-Sm-131

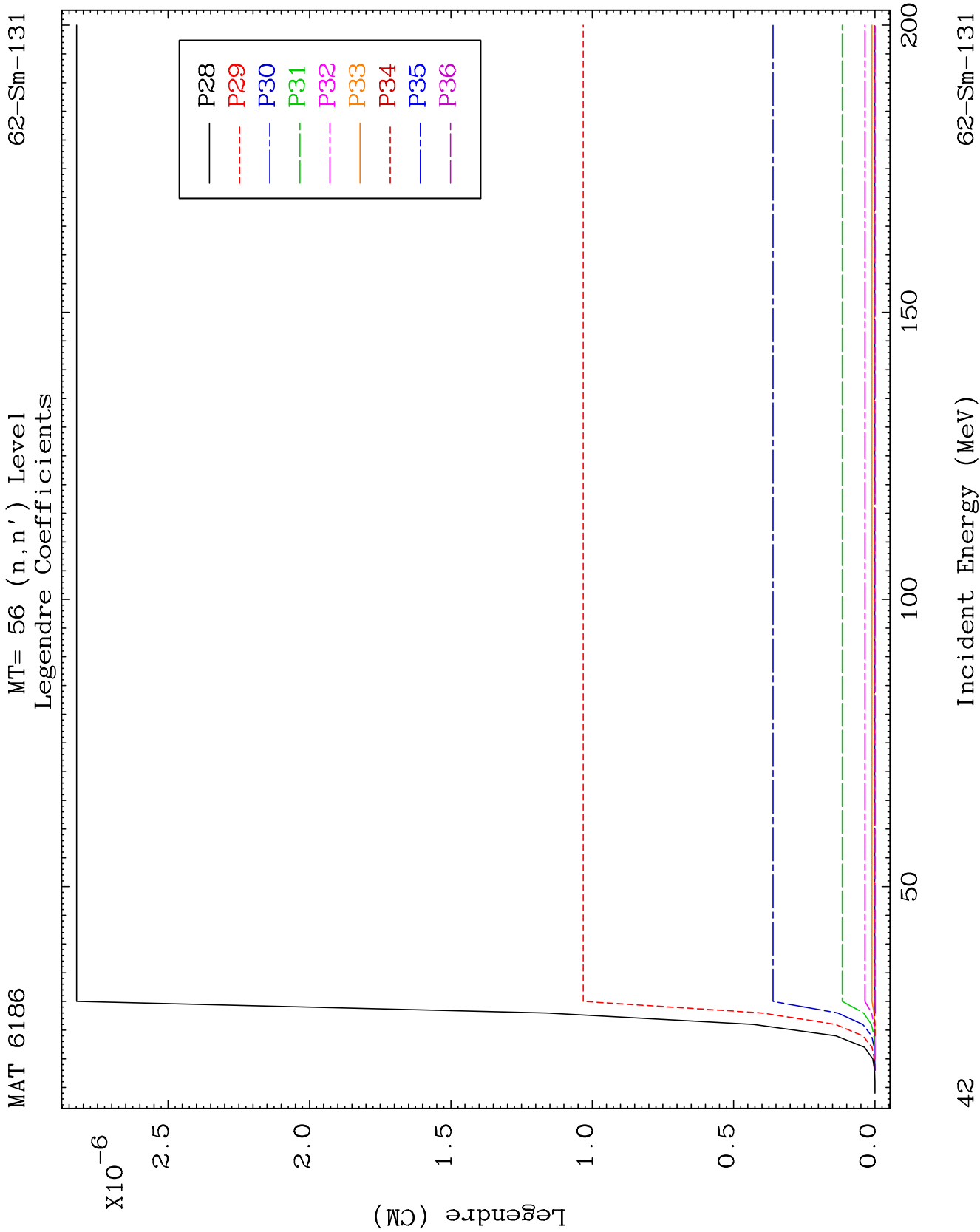


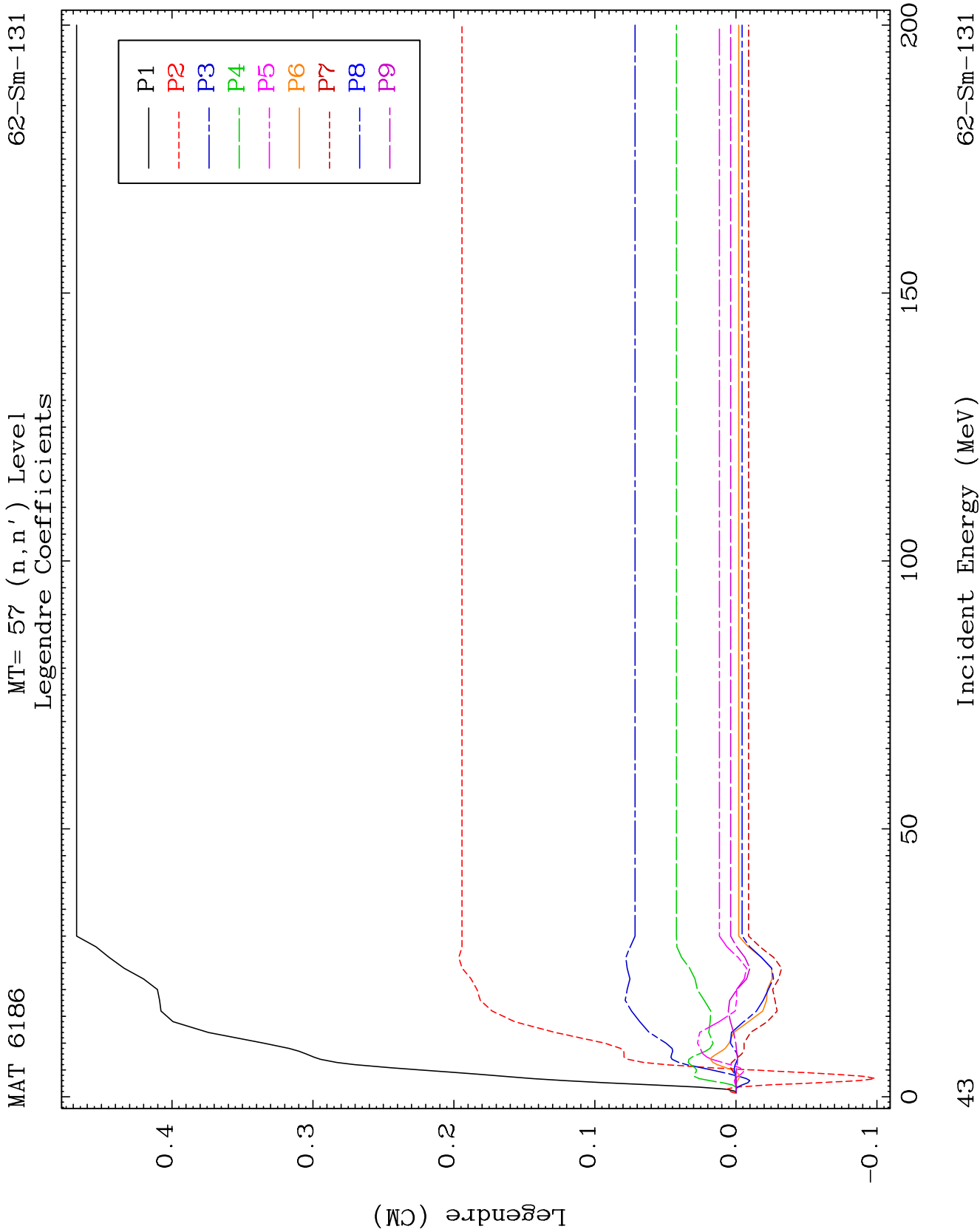
MAT 6186

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

62-Sm-131



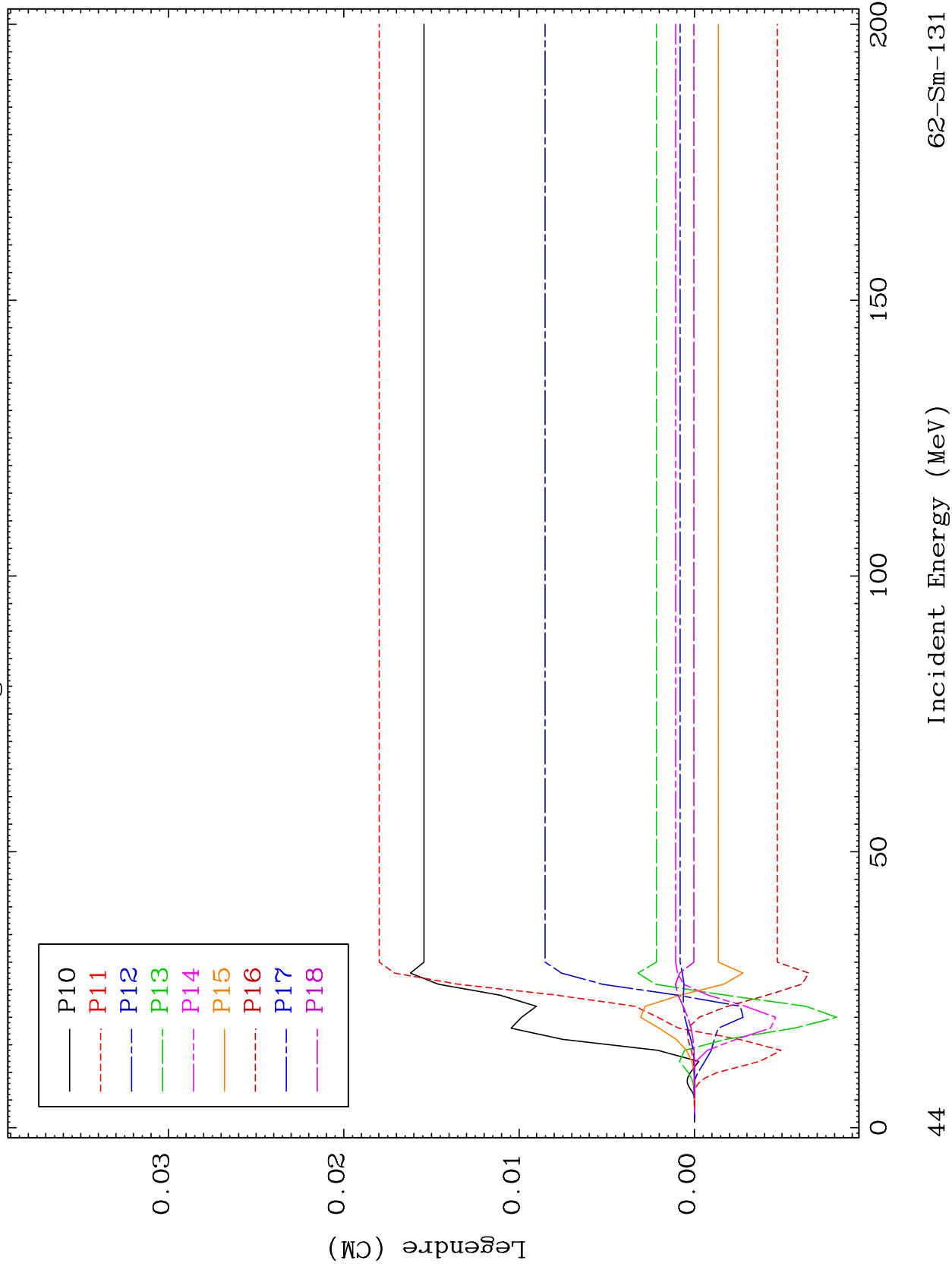




MAT 6186

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

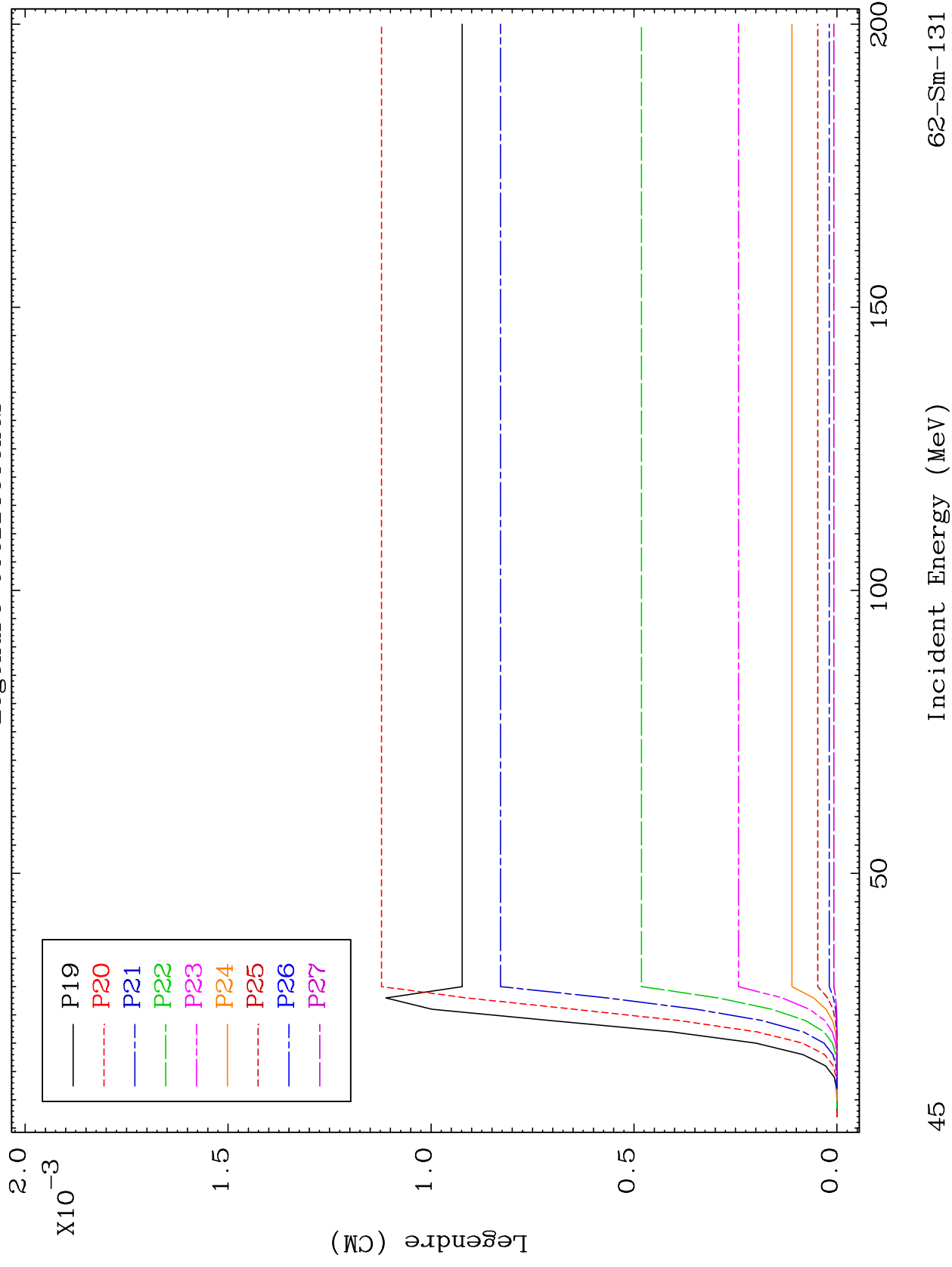
62-Sm-131



MAT 6186

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

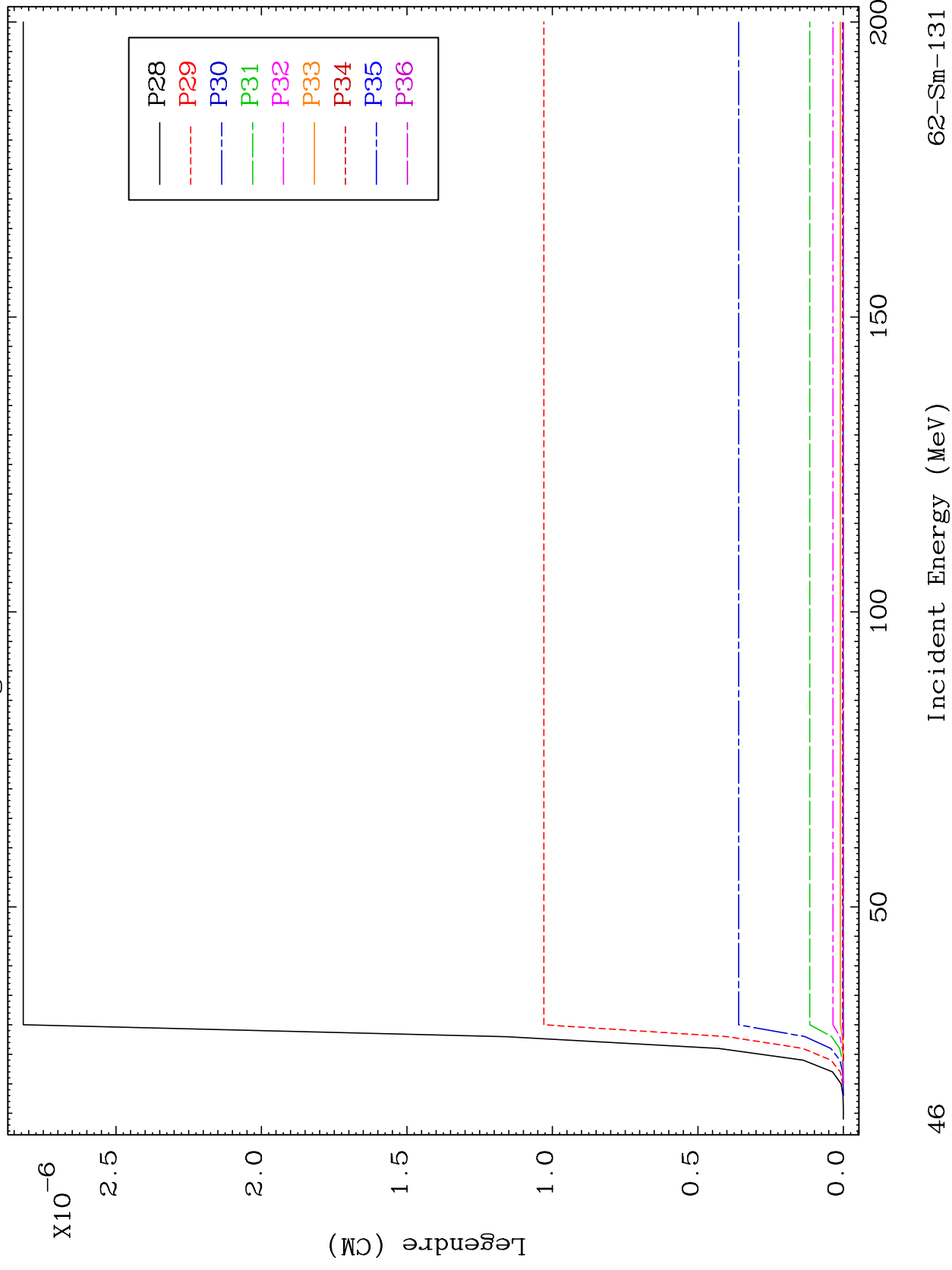
62-Sm-131



MAT 6186

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

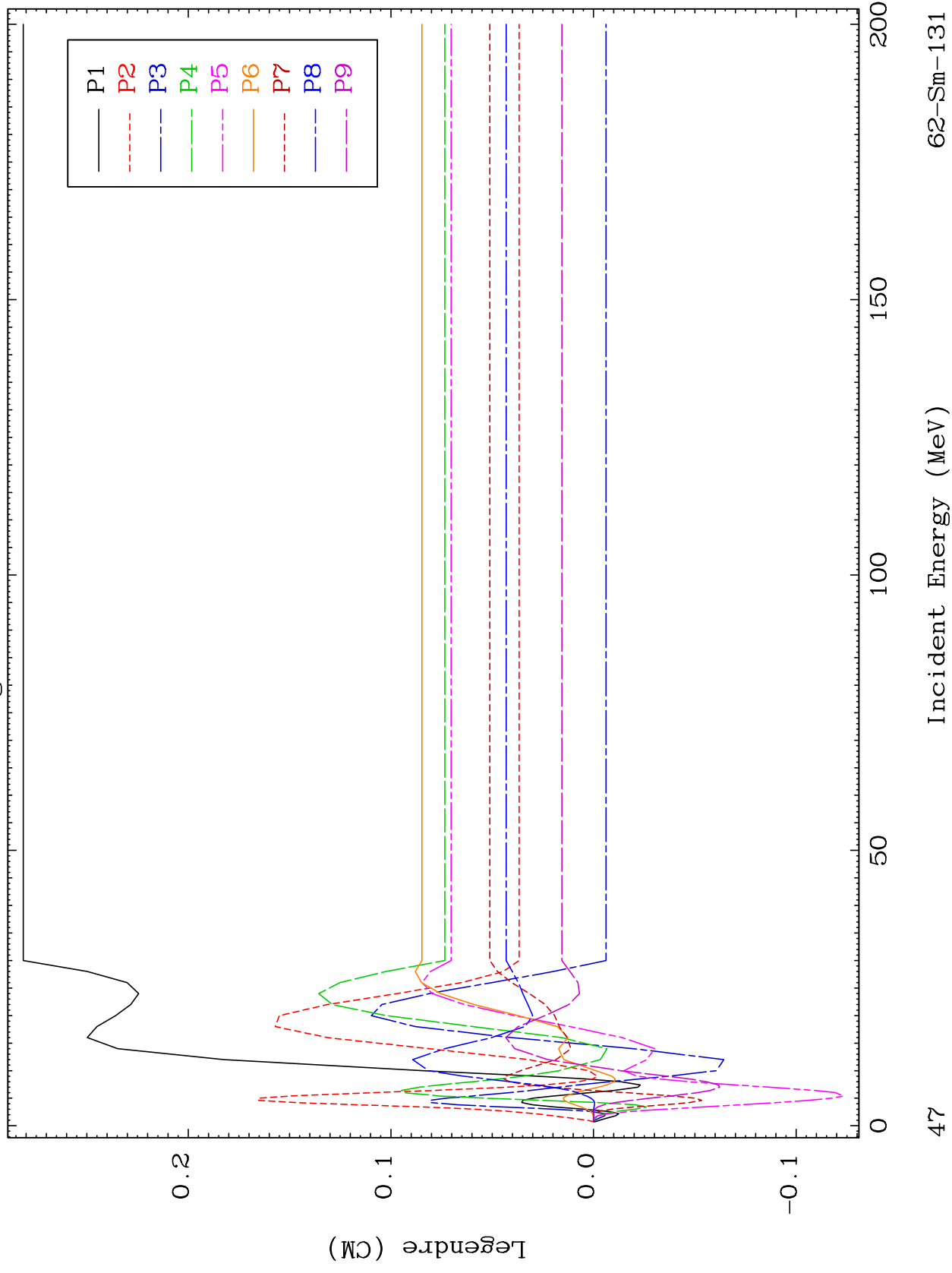
62-Sm-131

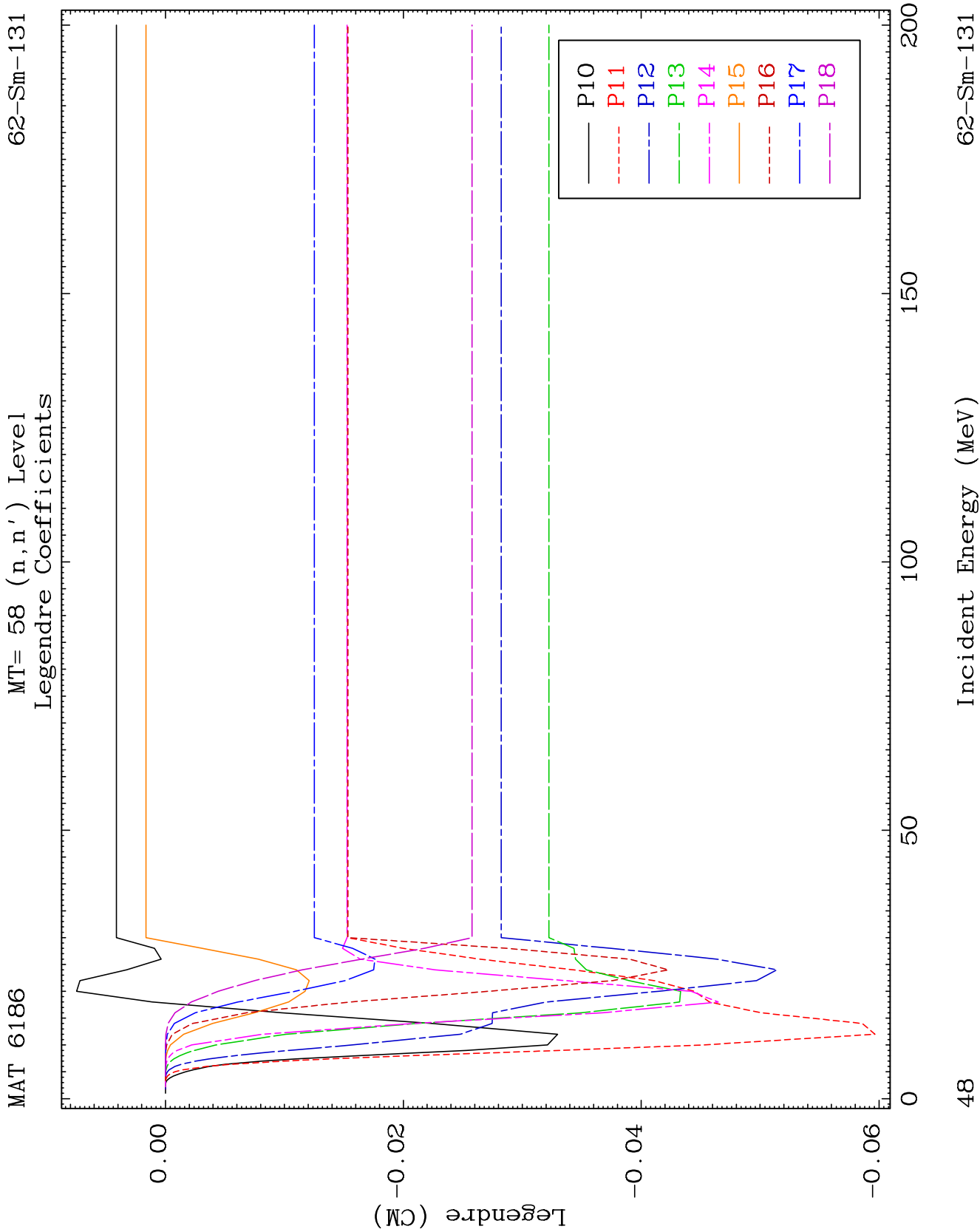


MAT 6186

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

62-Sm-131

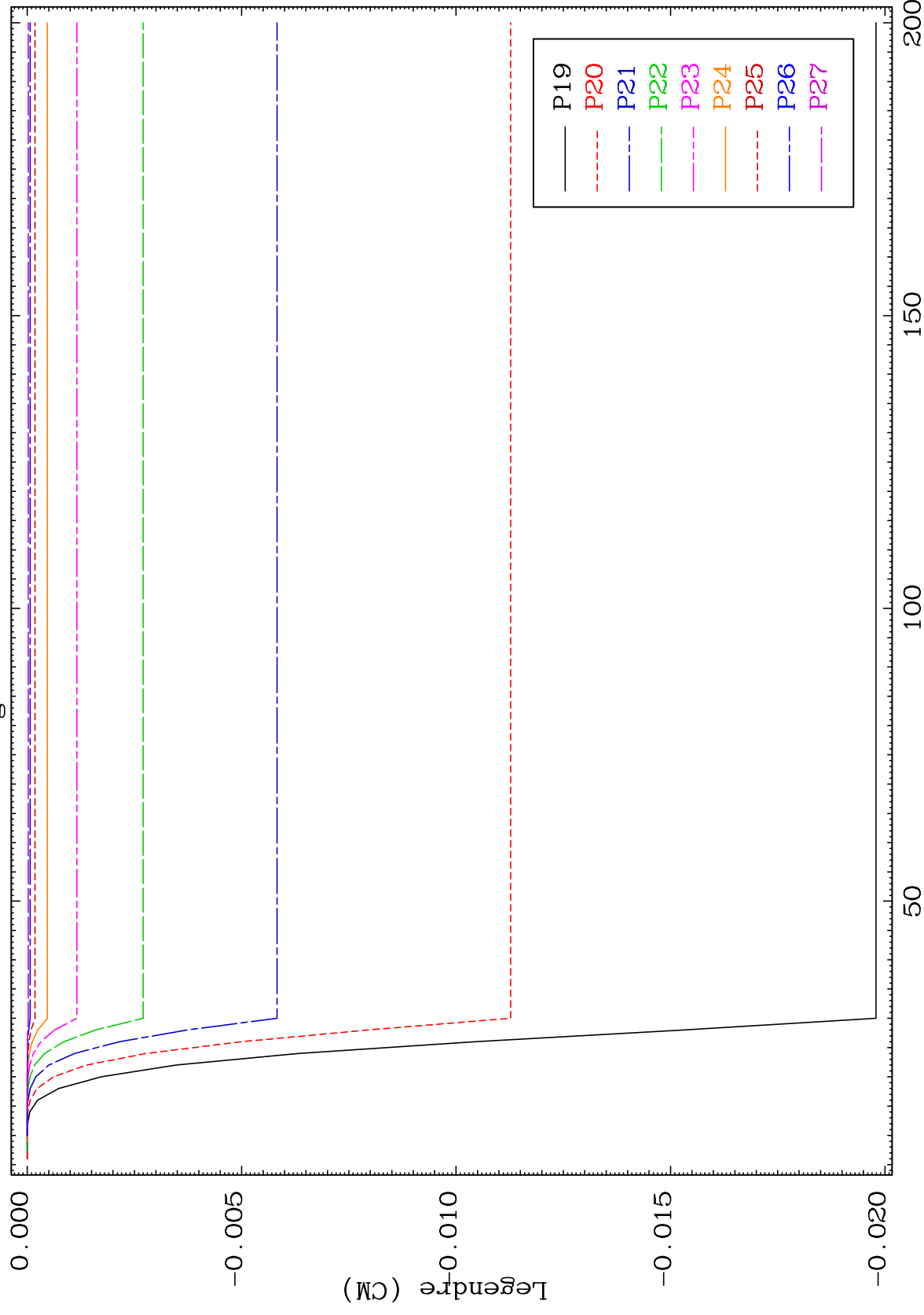




MAT 6186

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

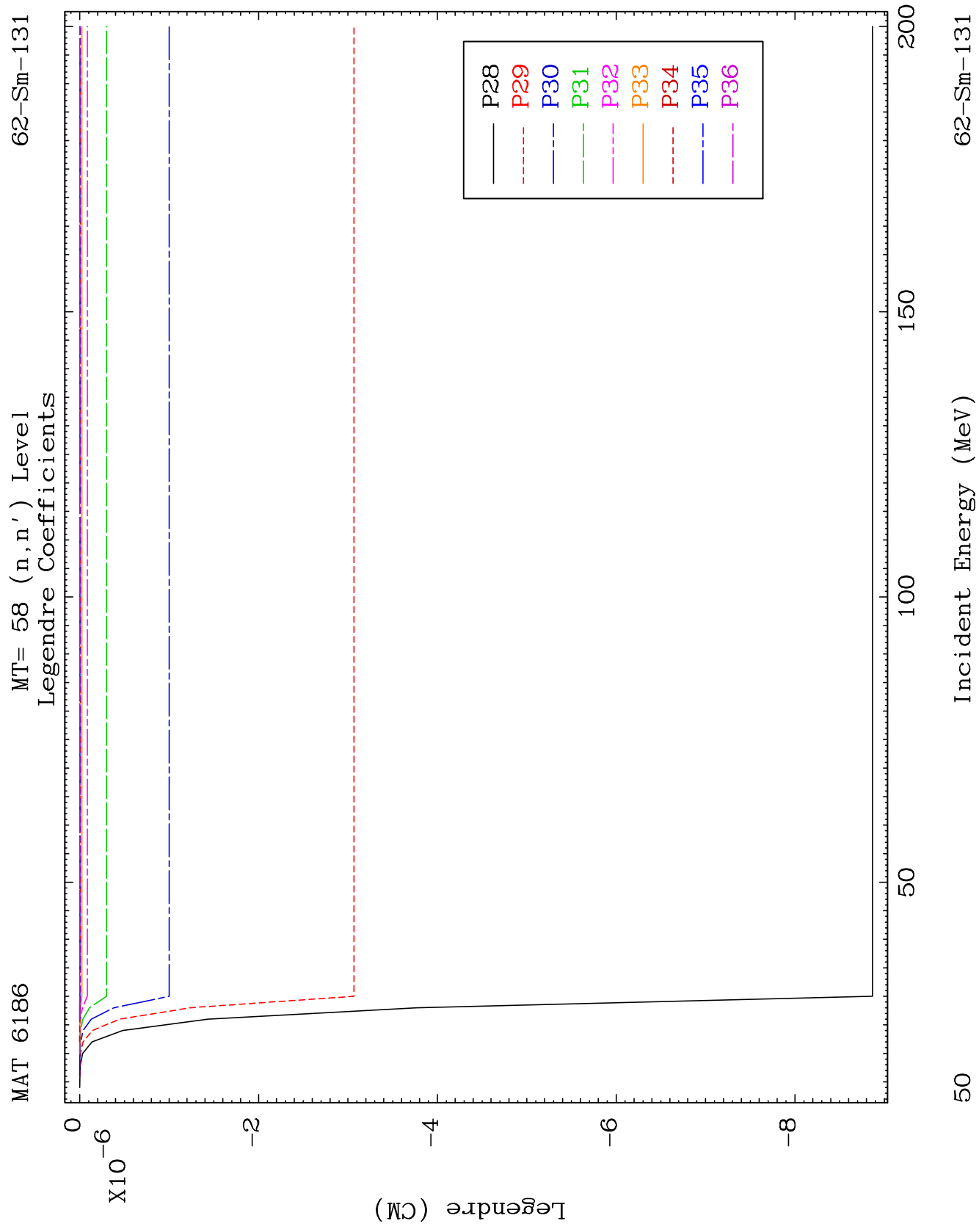
62-Sm-131



49

Incident Energy (MeV)

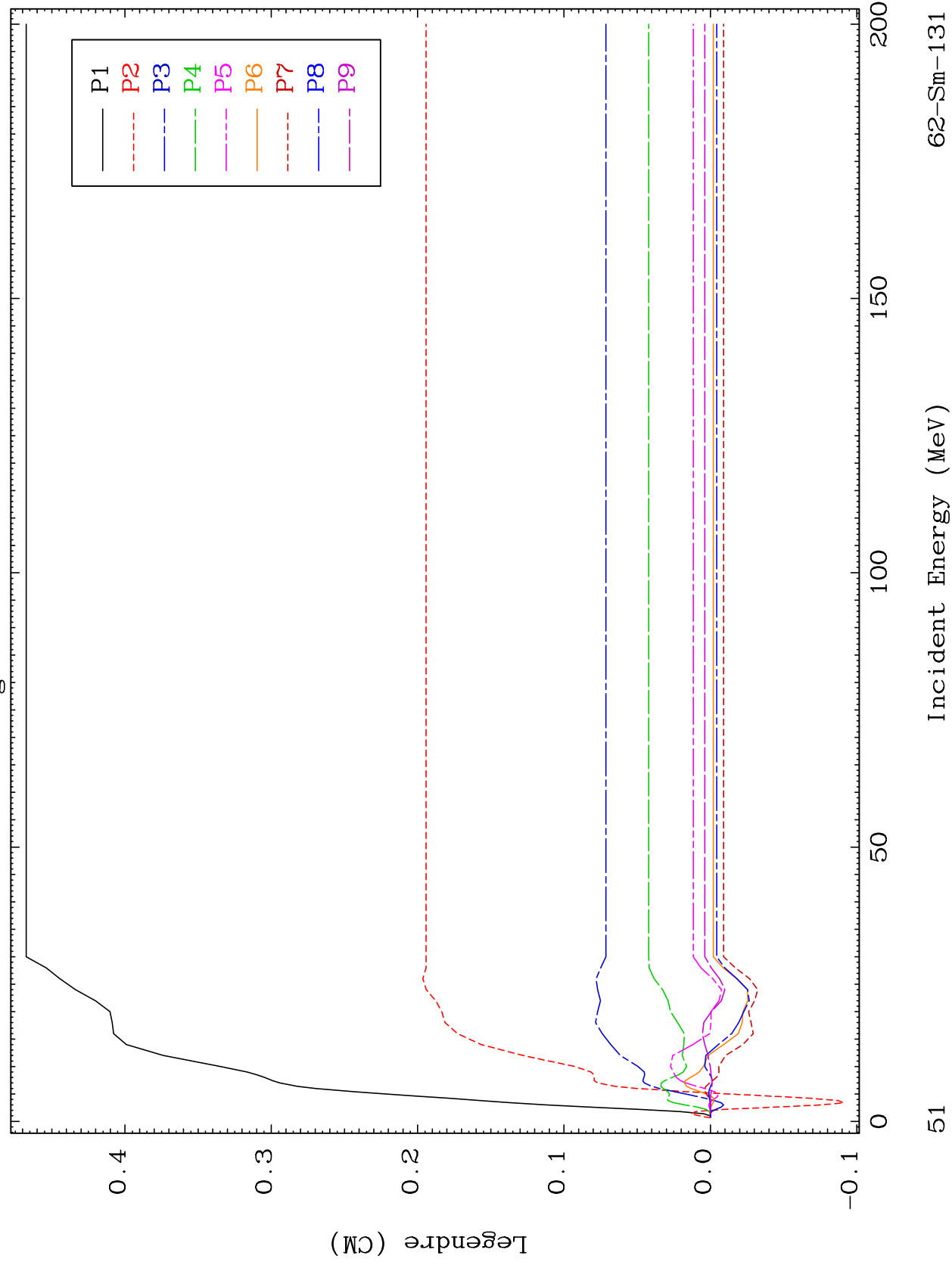
62-Sm-131



MAT 6186

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

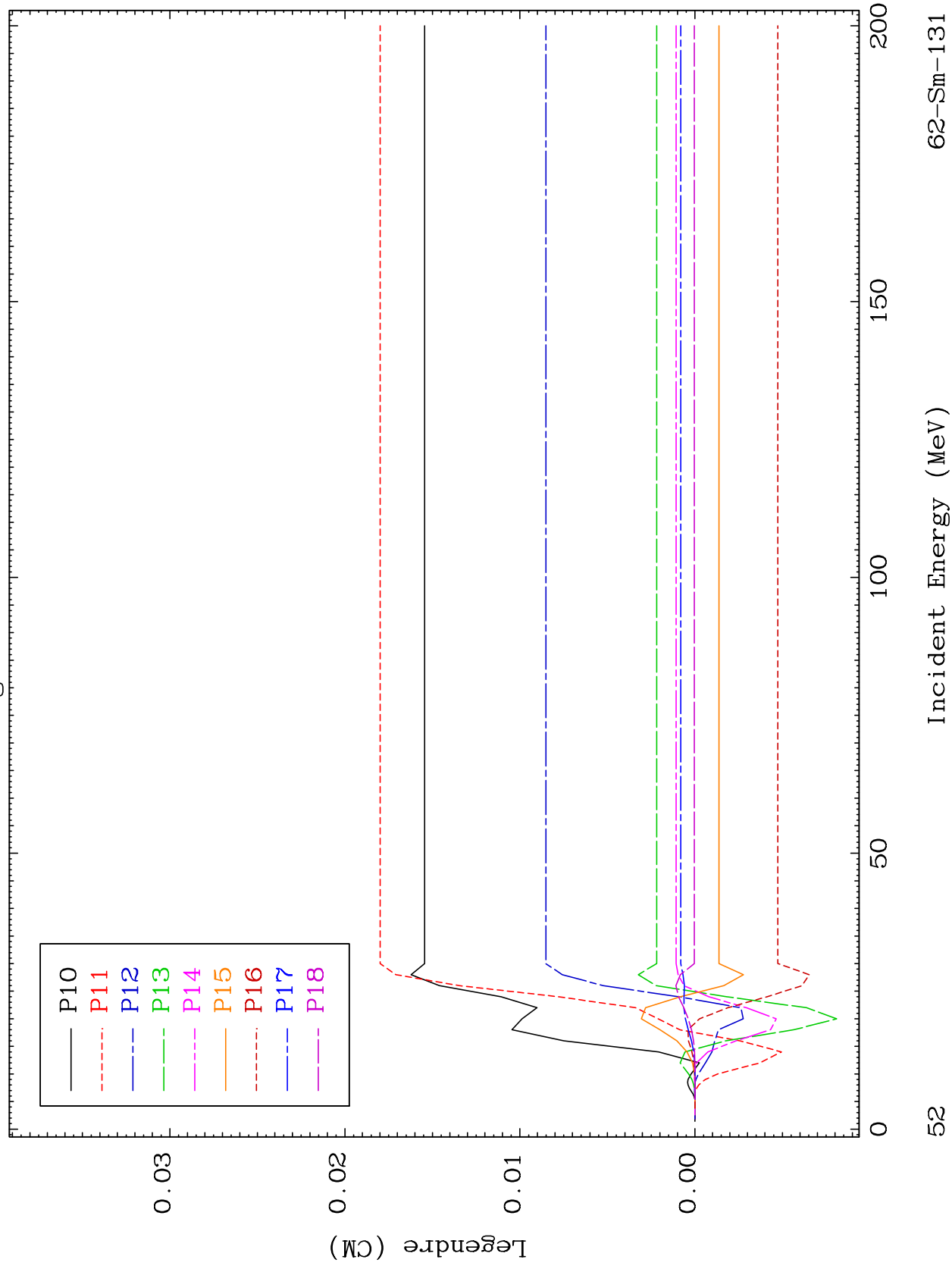
62-Sm-131



MAT 6186

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

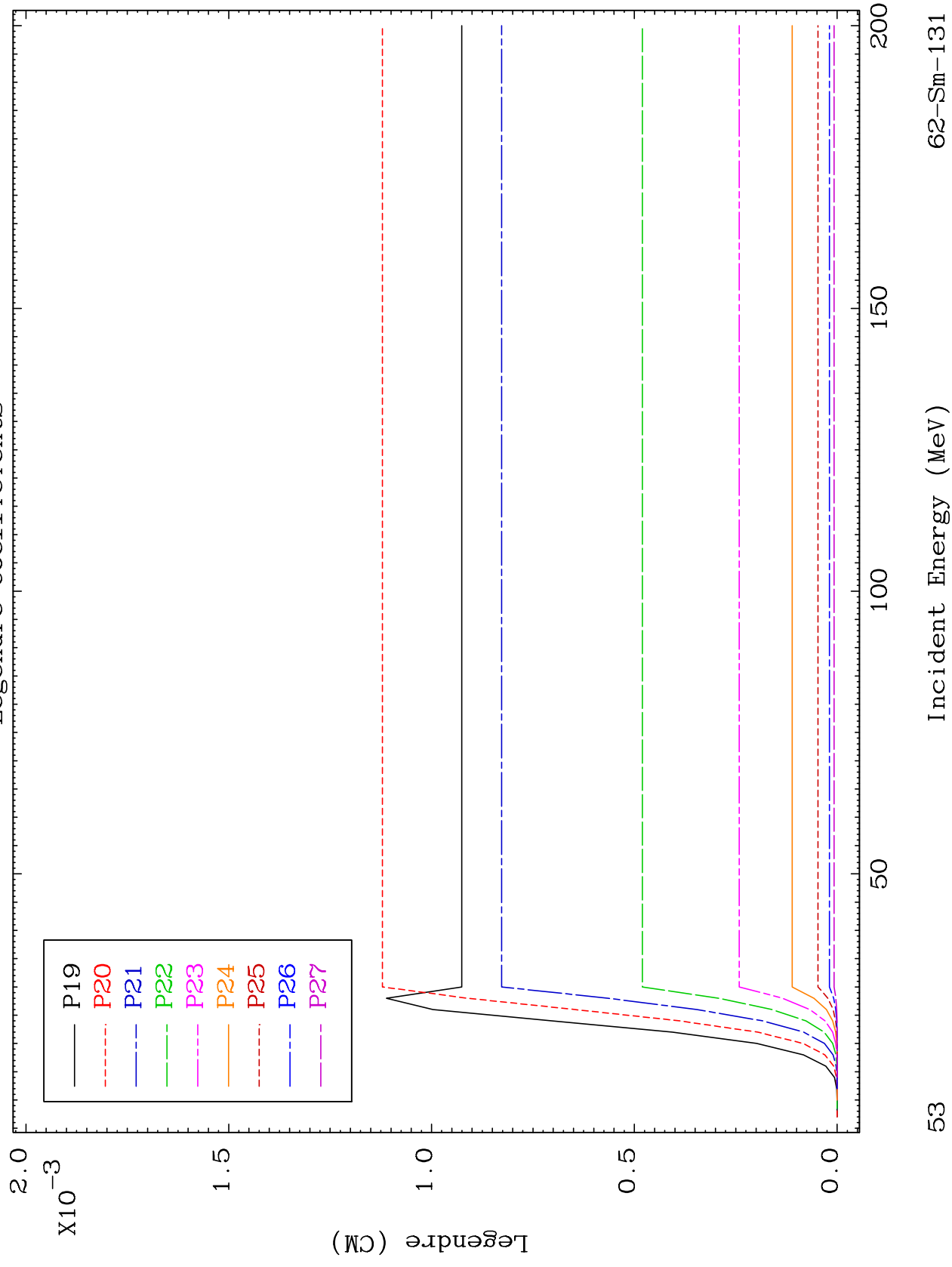
62-Sm-131



MAT 6186

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

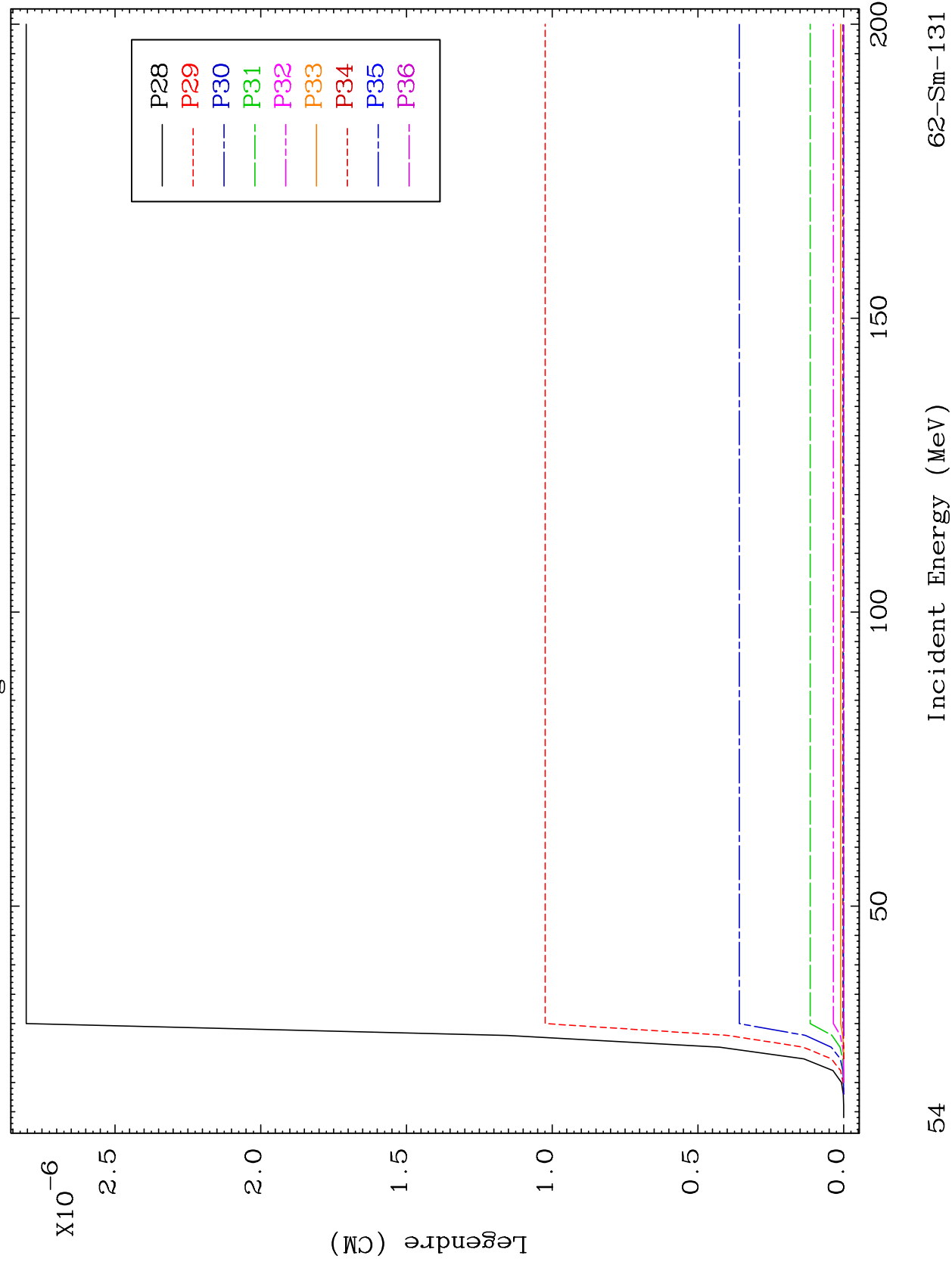
62-Sm-131



MAT 6186

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

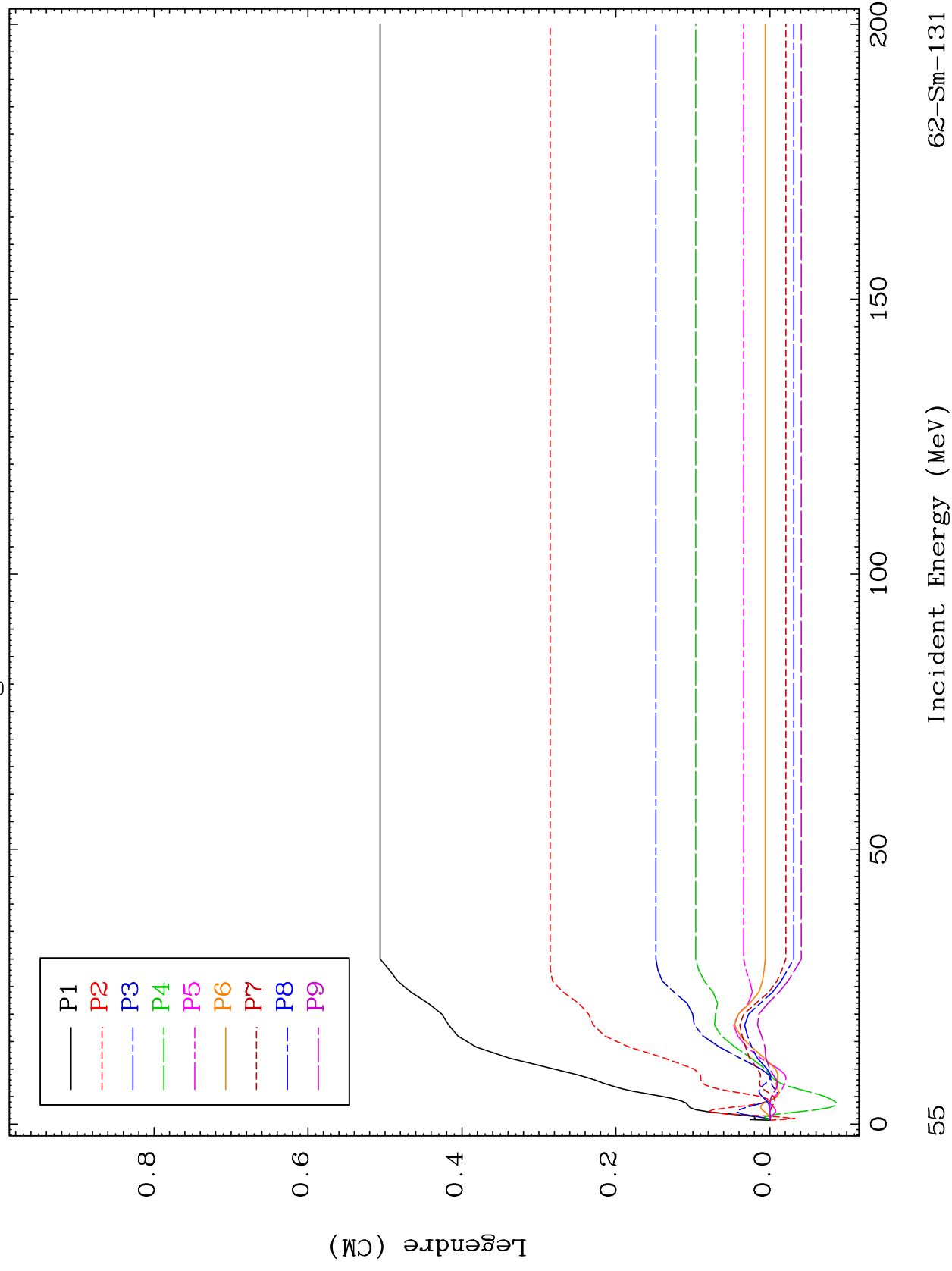
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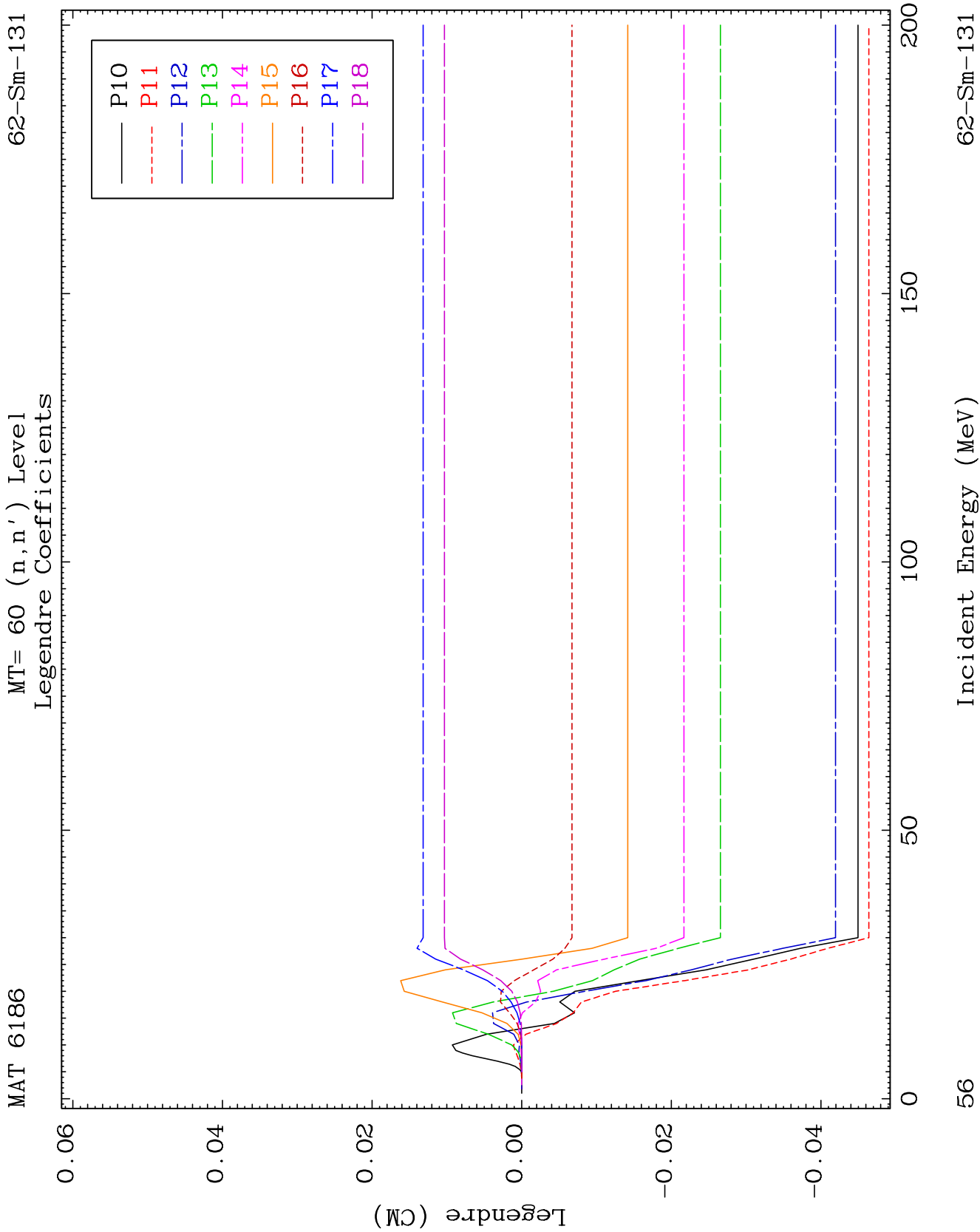


MAT 6186

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

62-Sm-131

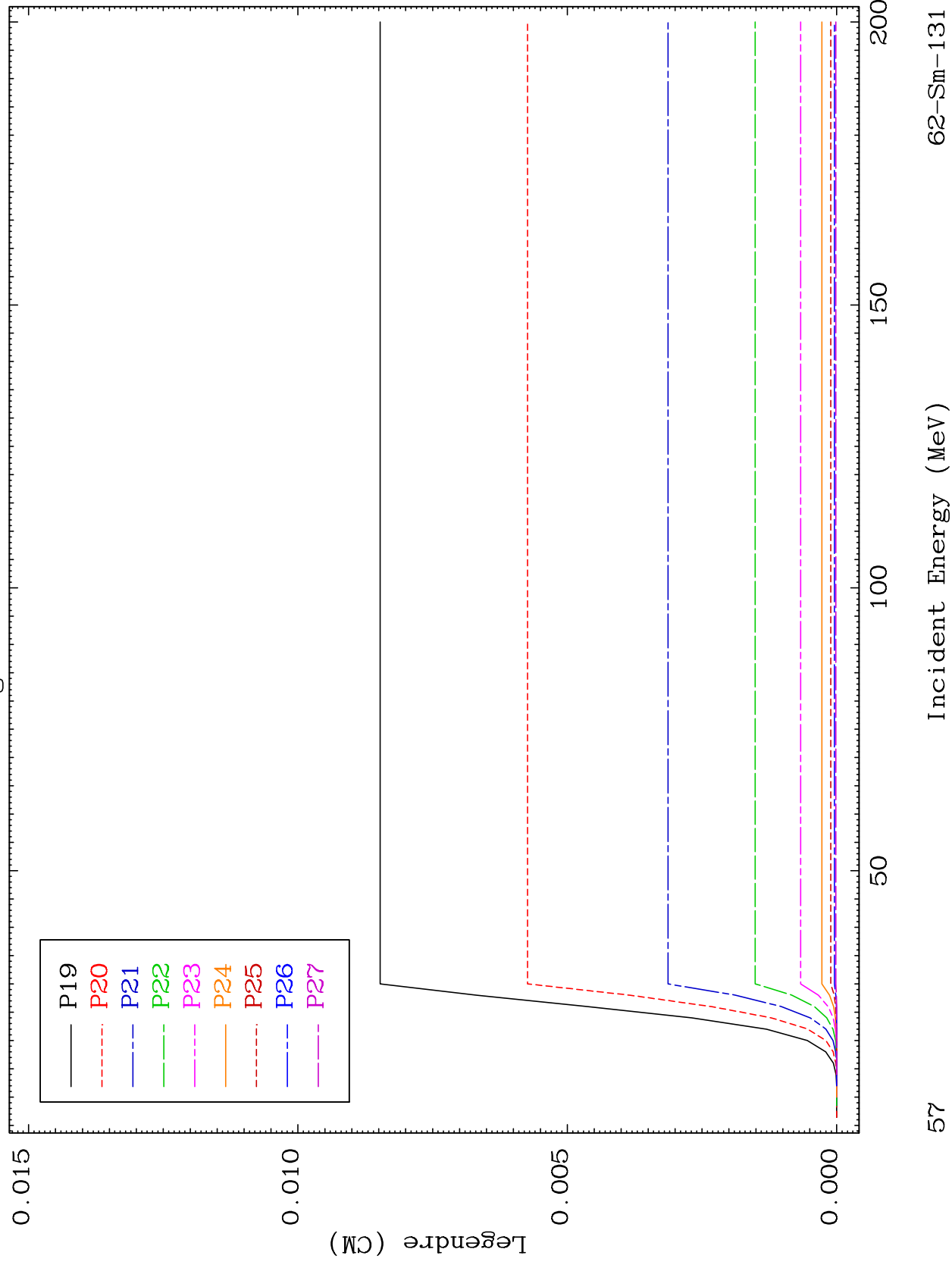


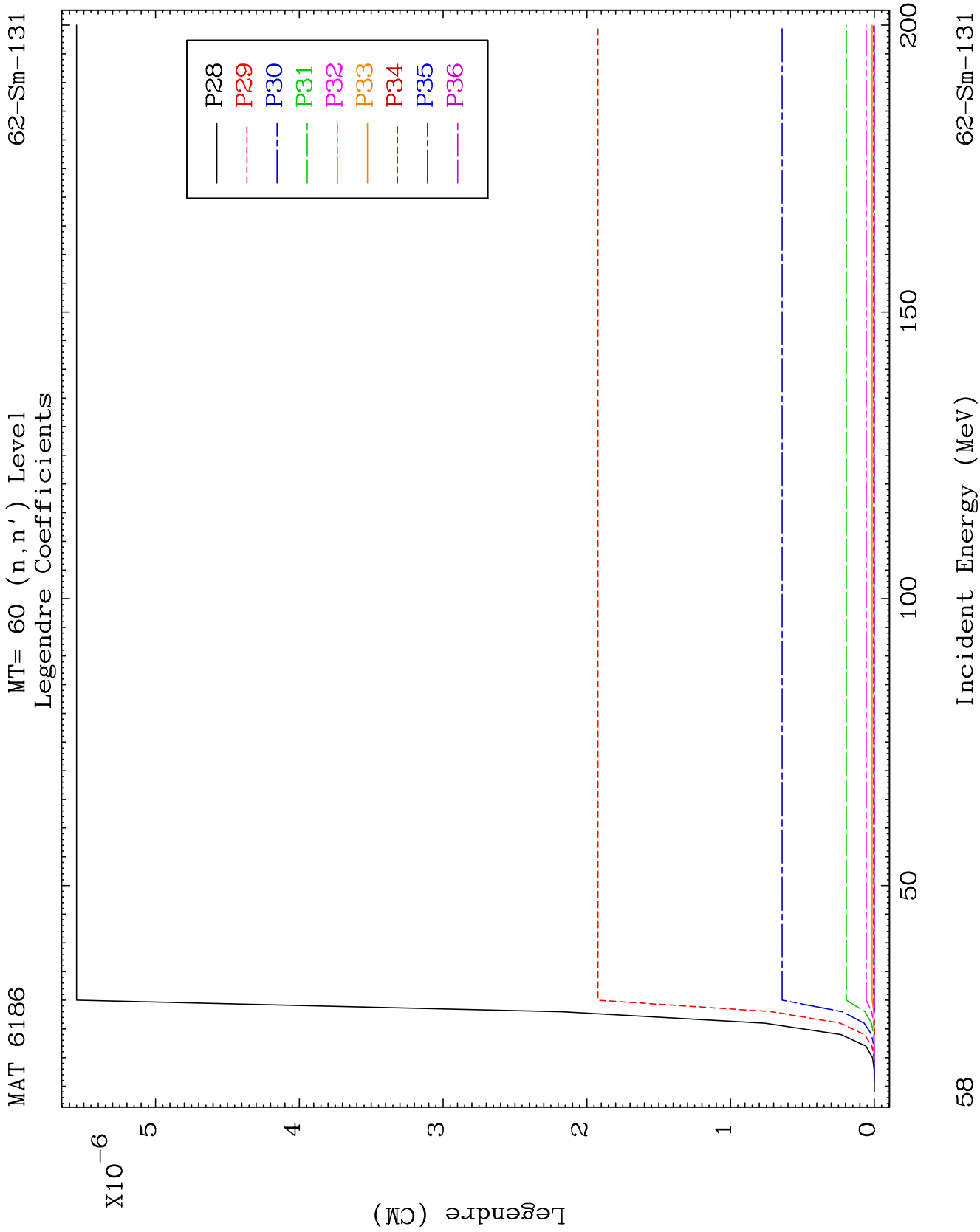


MAT 6186

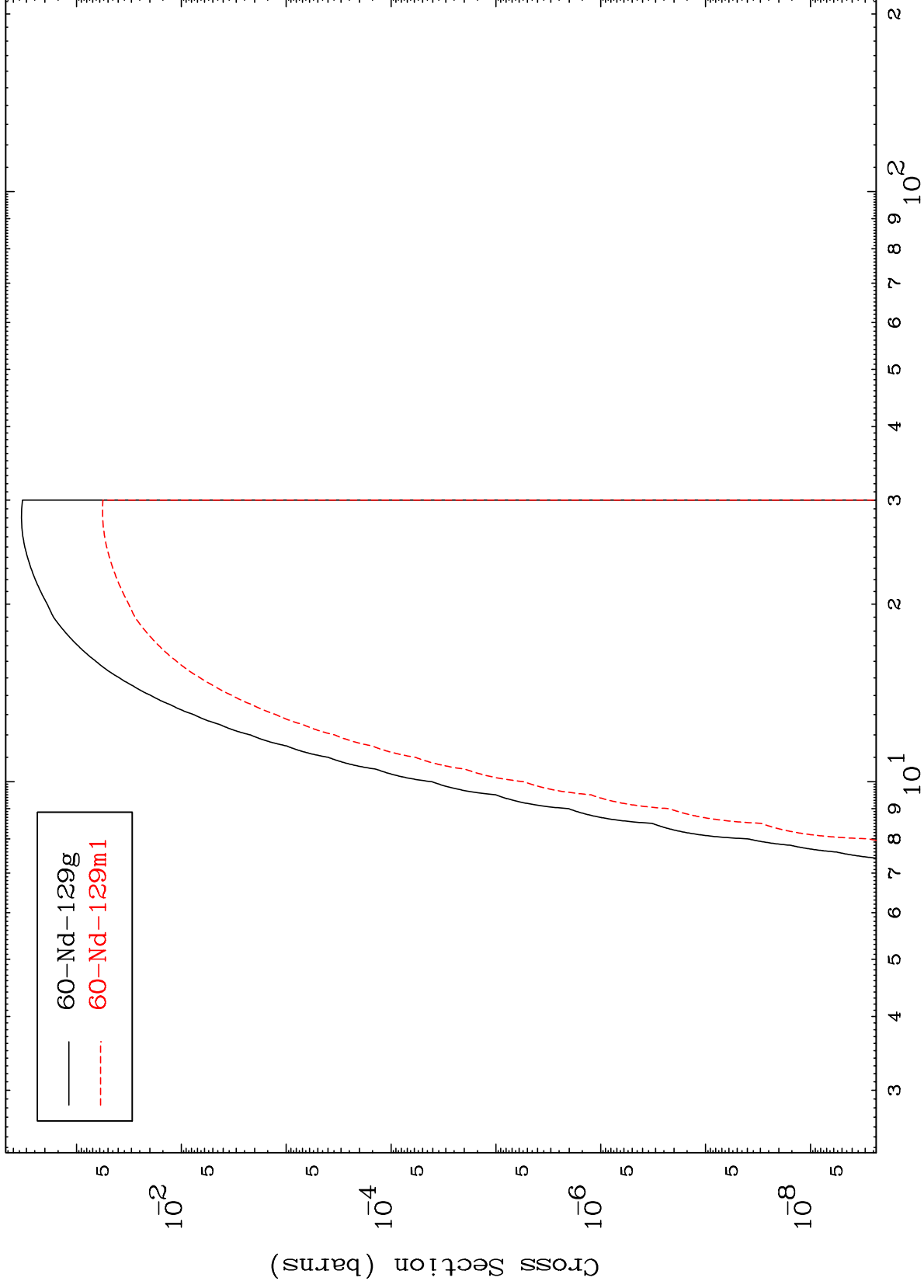
MT= 60 (n, n') Level
Legendre Coefficients

62-Sm-131





Radionuclide Production Cross Section
(n,2n) p

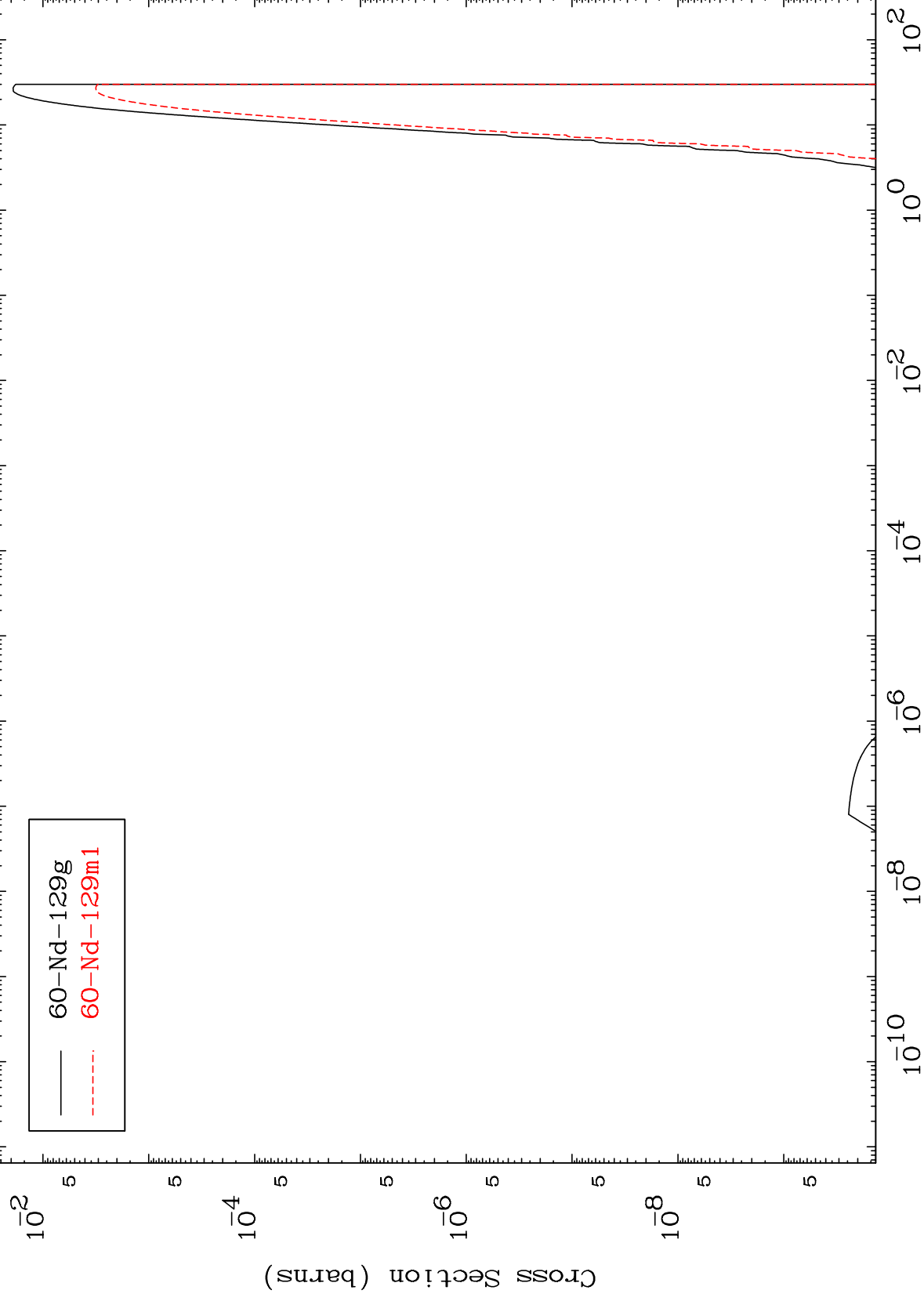


MAT 6186

(n,He-3)

62-Sm-131

Radionuclide Production Cross Section



60

Incident Energy (MeV)

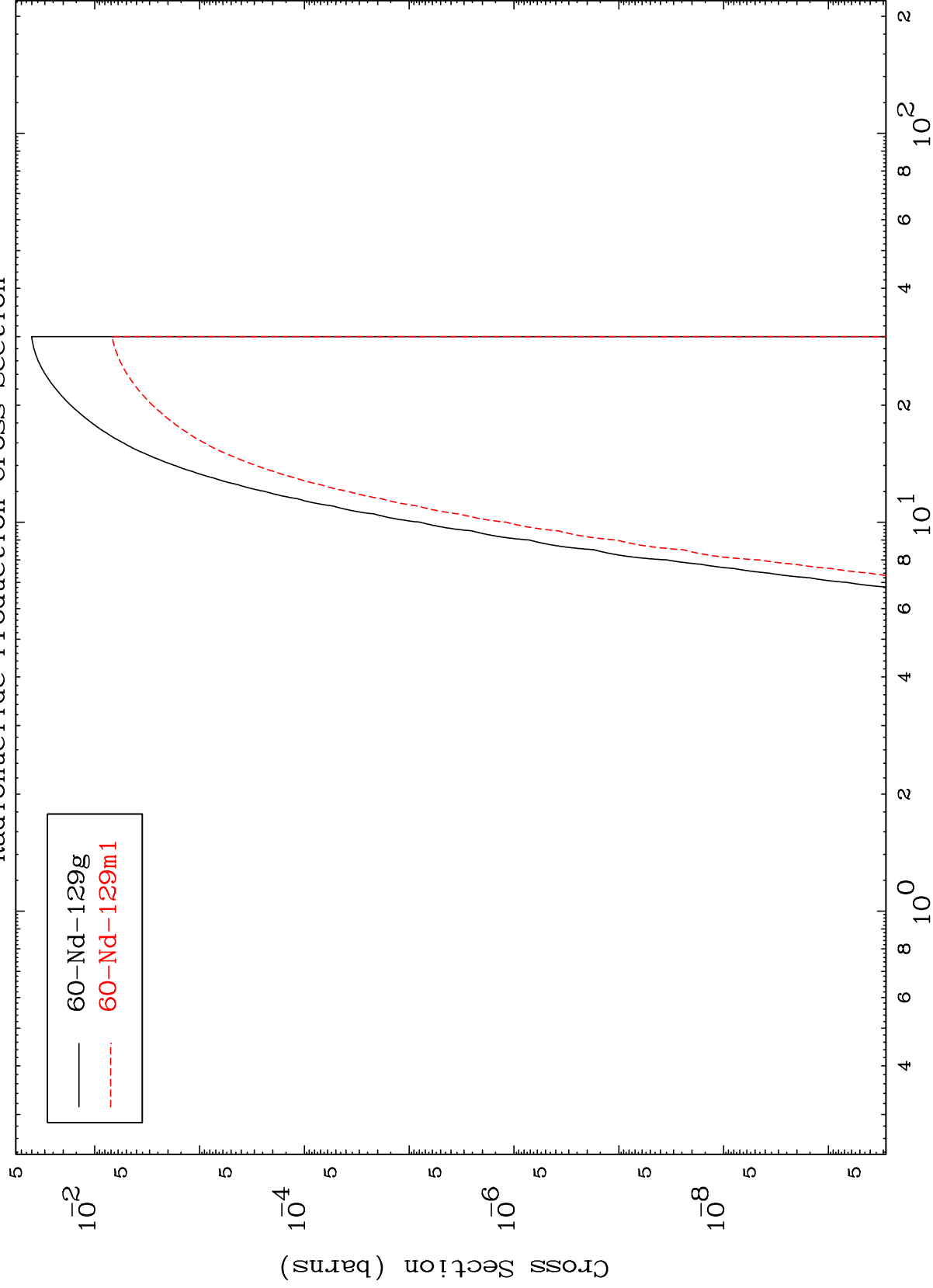
62-Sm-131

MAT 6186

(n,p) d

62-Sm-131

Radionuclide Production Cross Section



61

Incident Energy (MeV)

62-Sm-131