

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

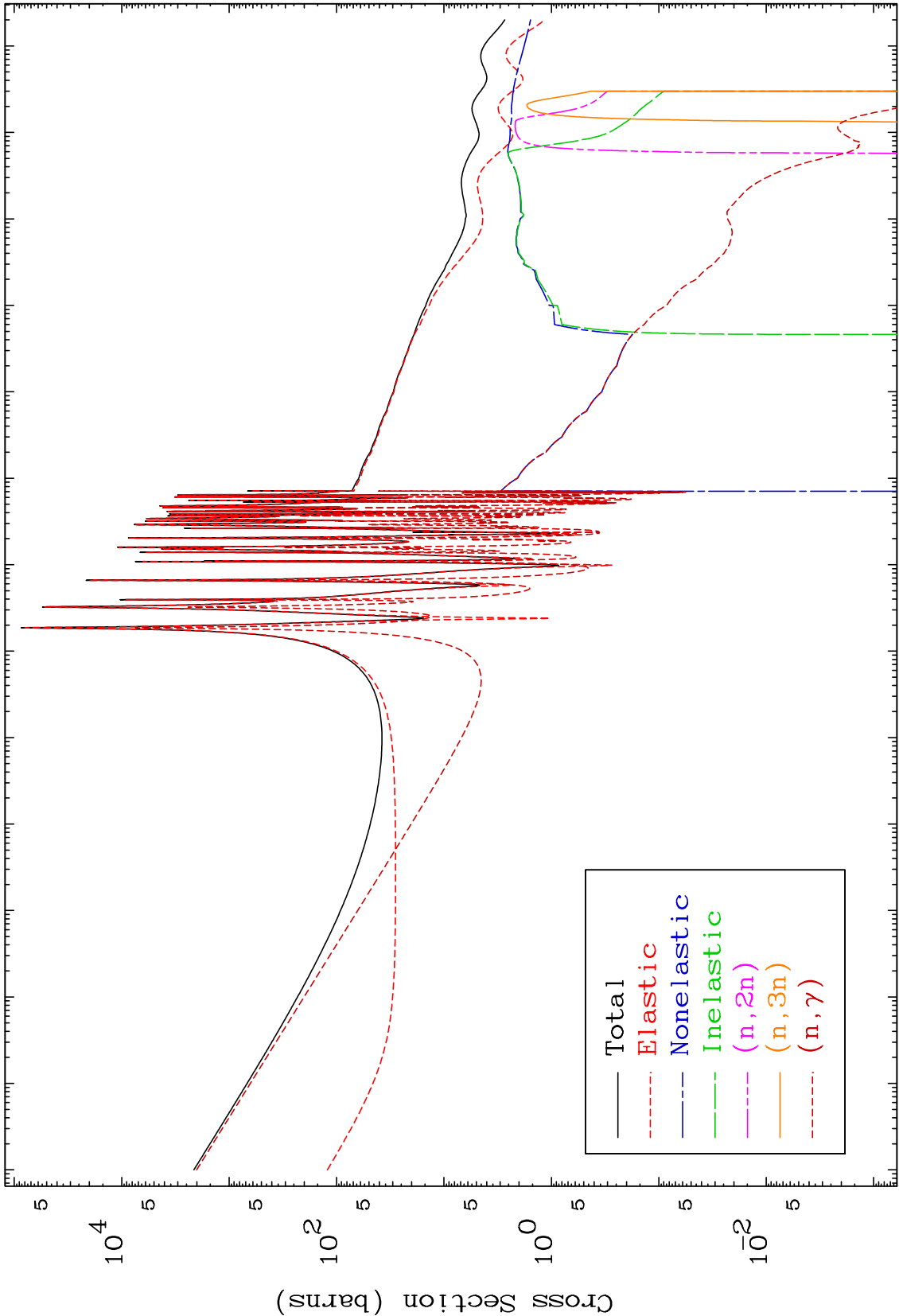
Press Mouse Button to Start

MAT 7246

Neutron Major

293 Kelvin Cross Sections

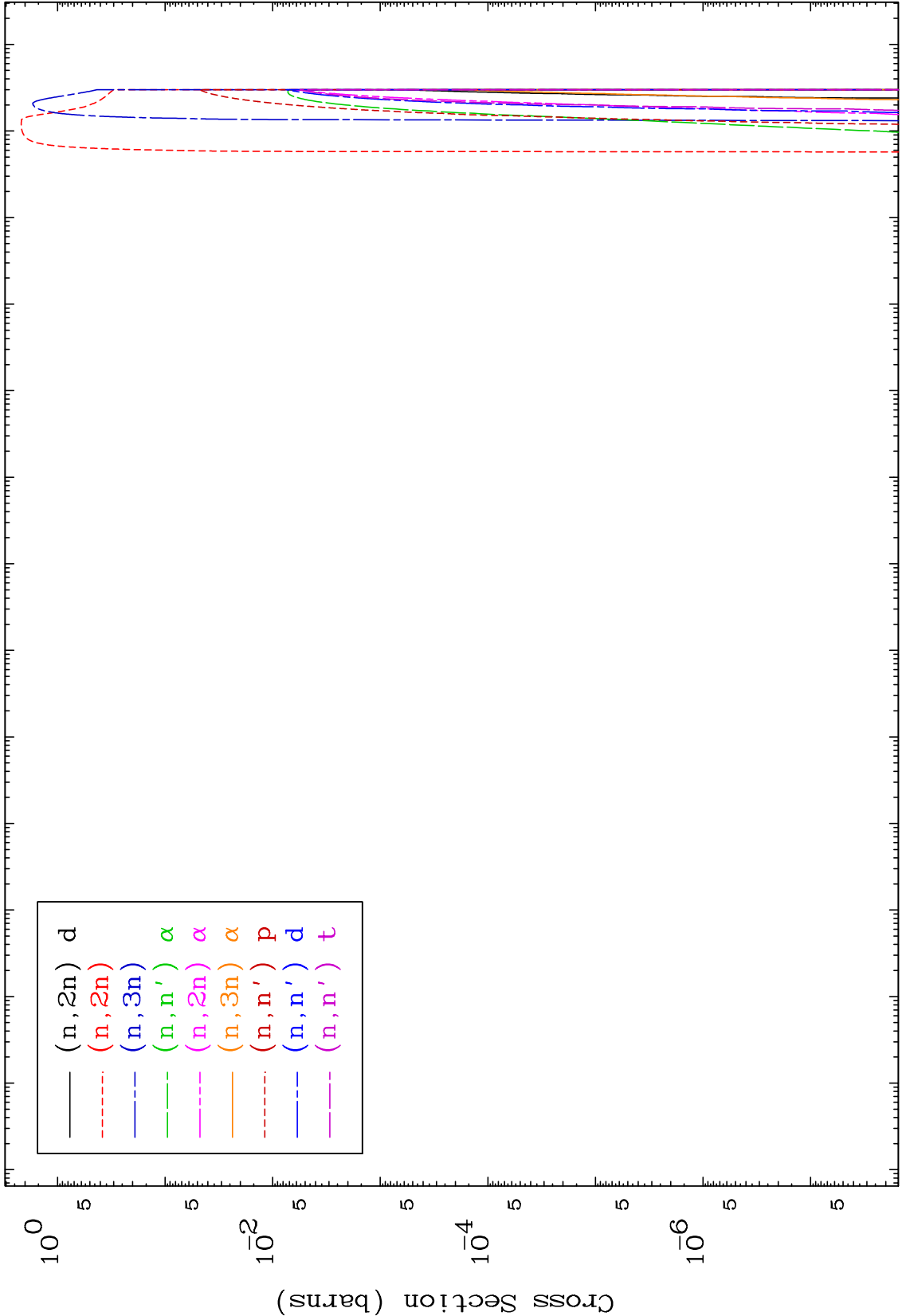
72-Hf-181

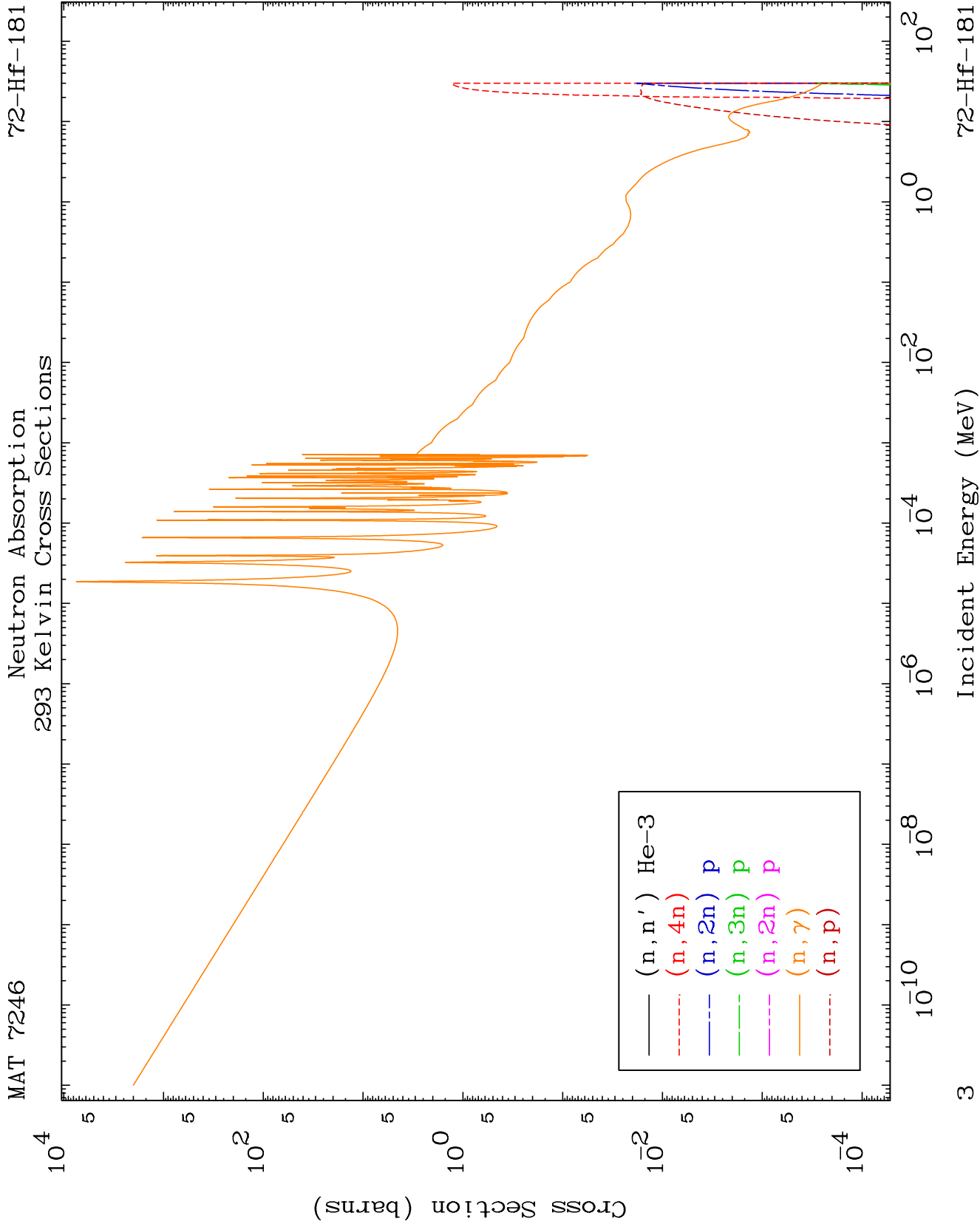


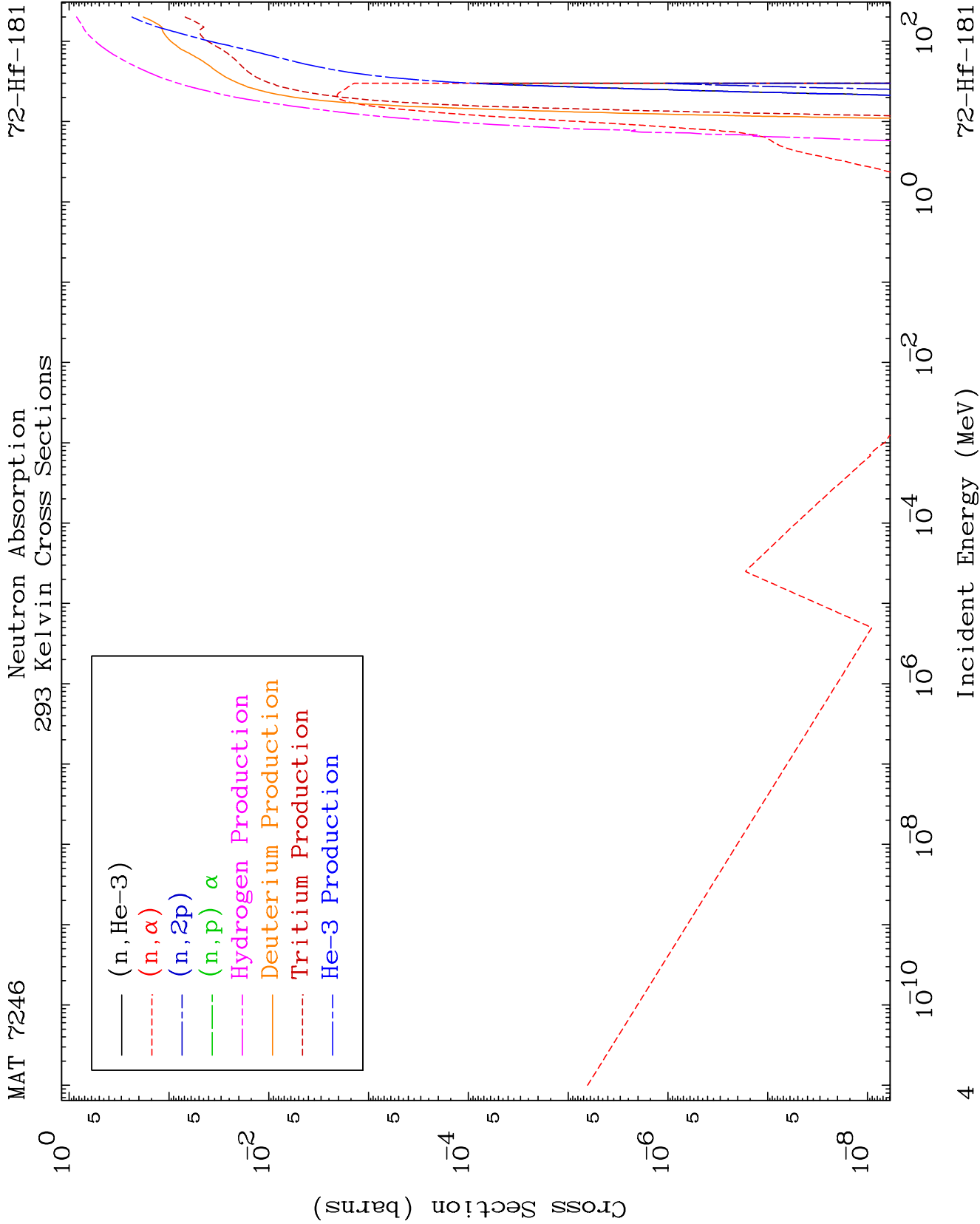
MAT 7246

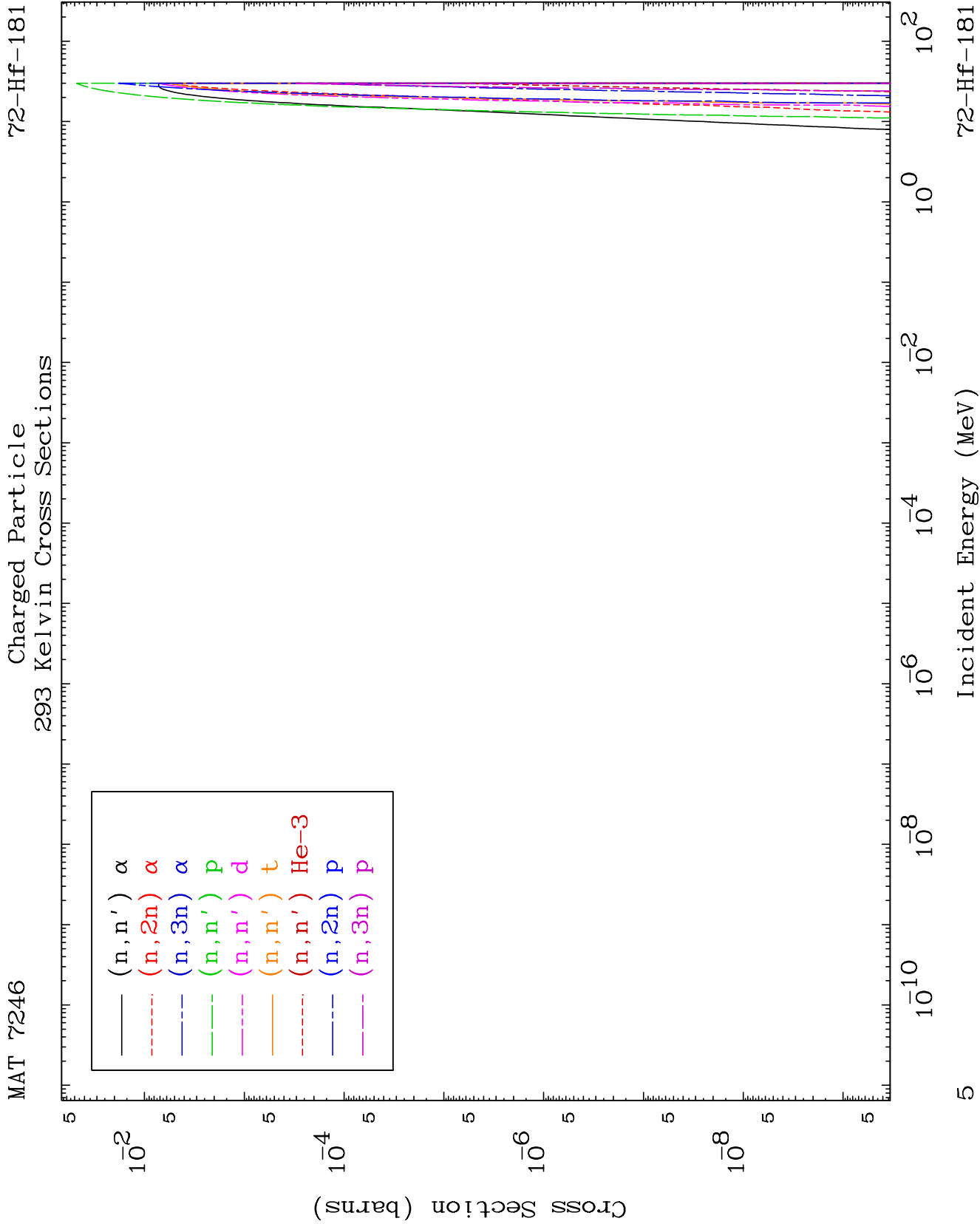
Neutron Absorption
293 Kelvin Cross Sections

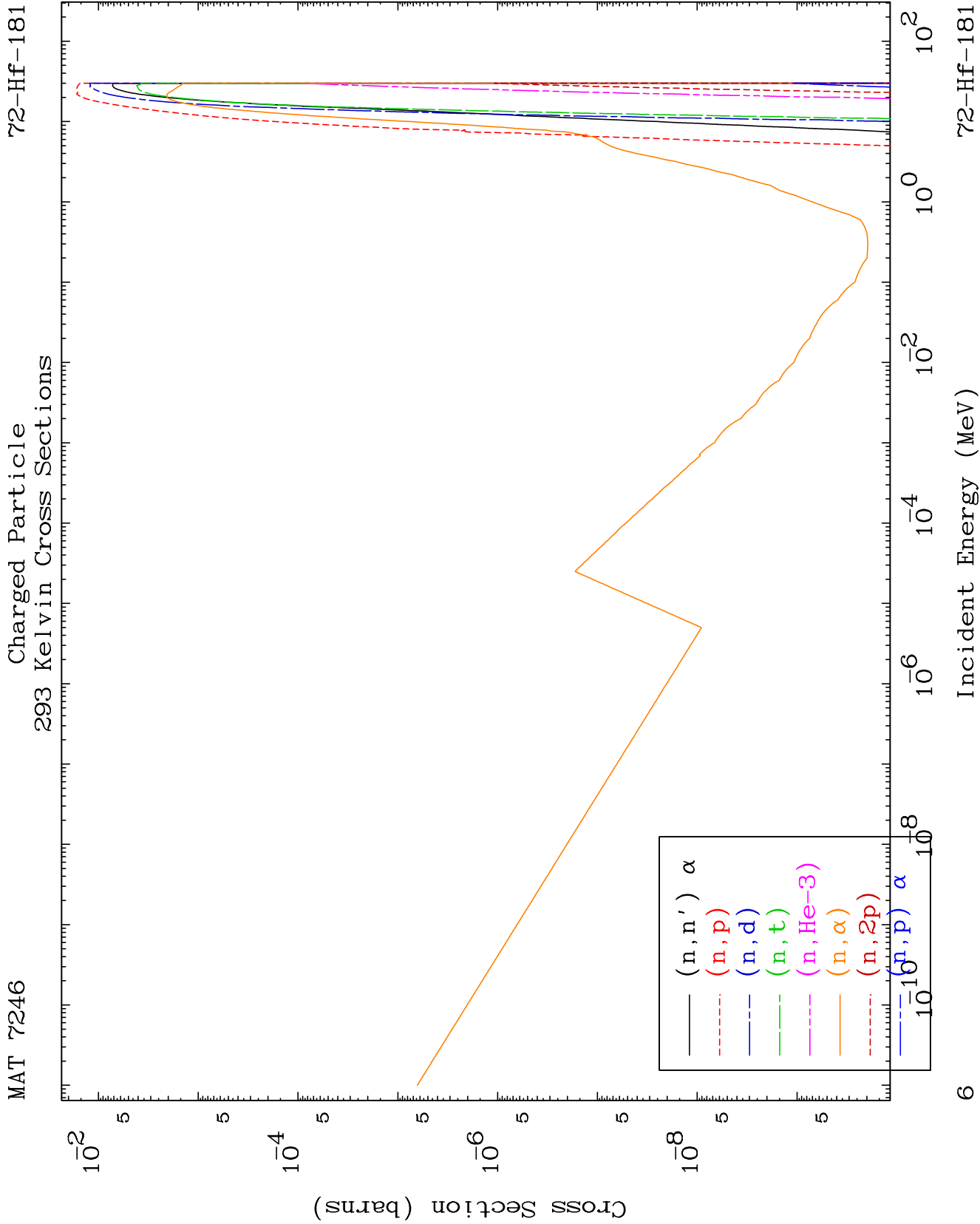
72-Hf-181

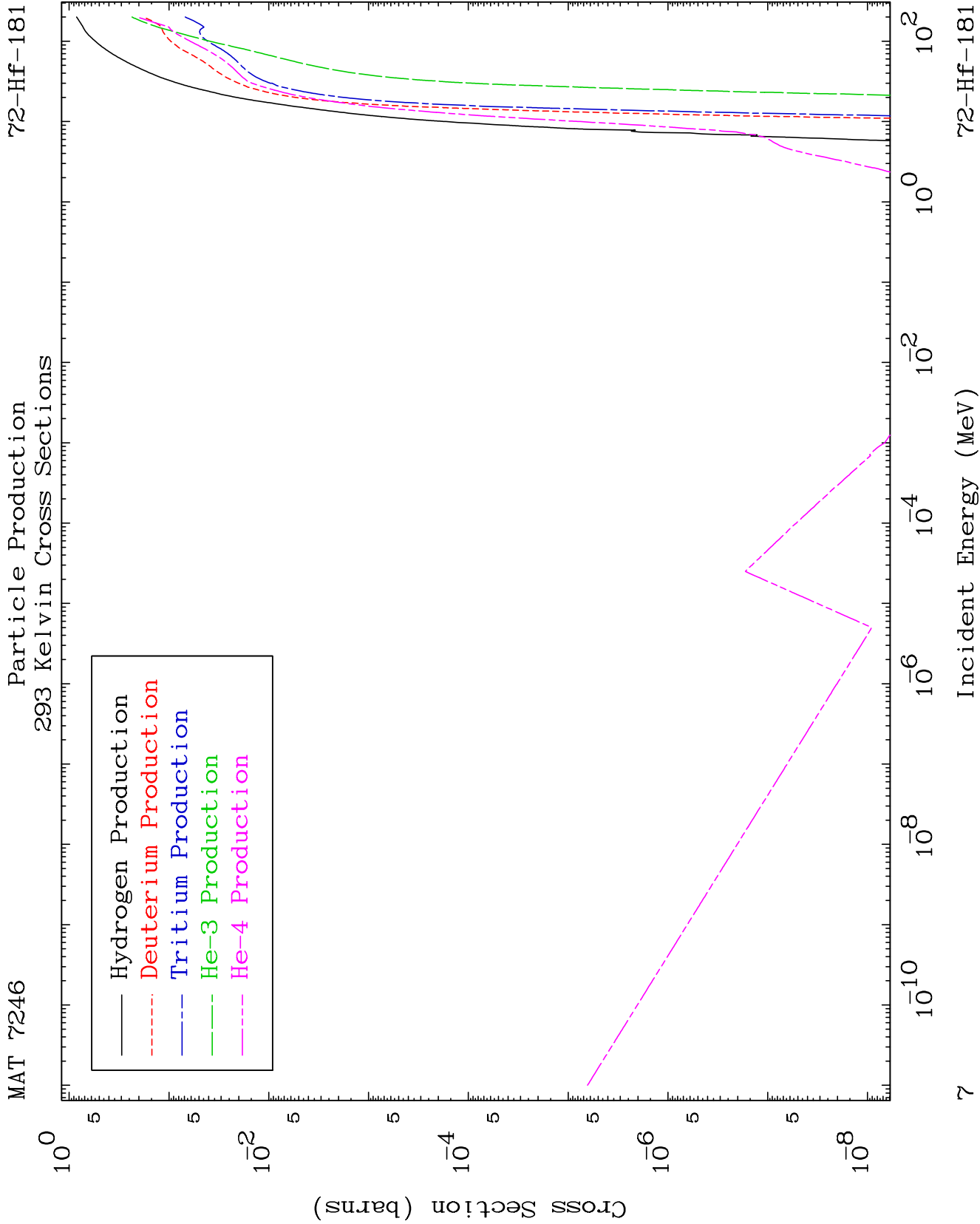


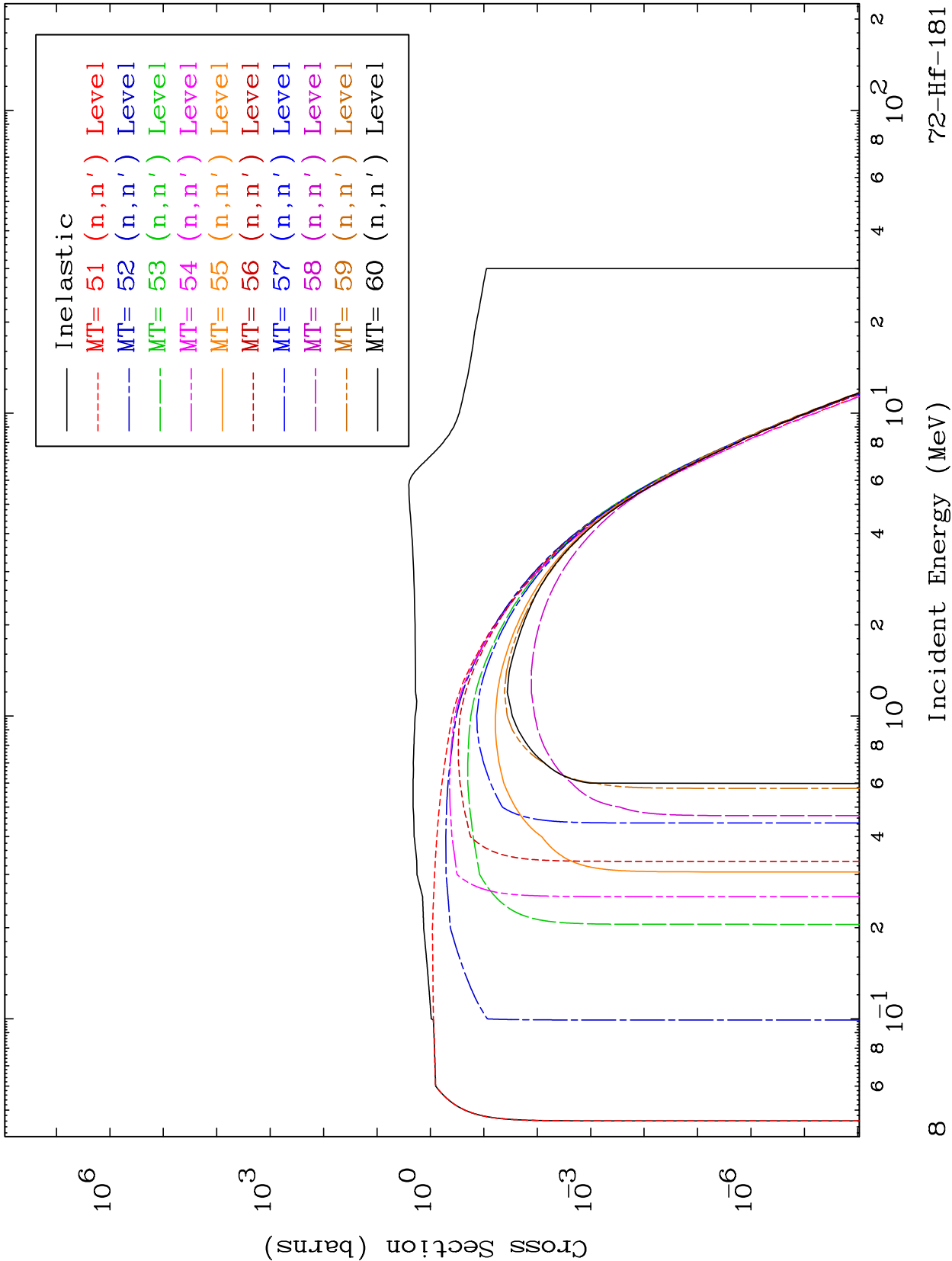


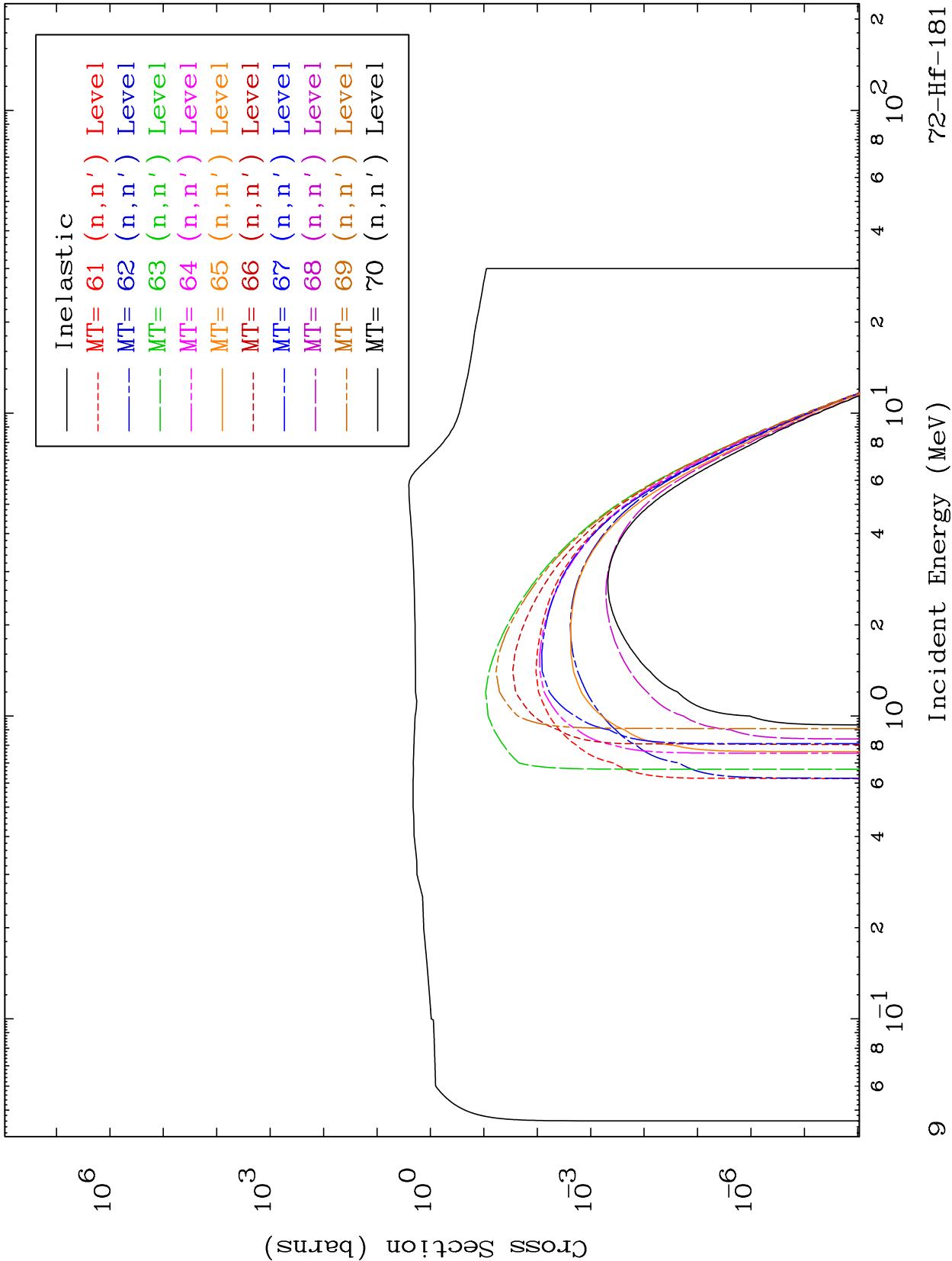










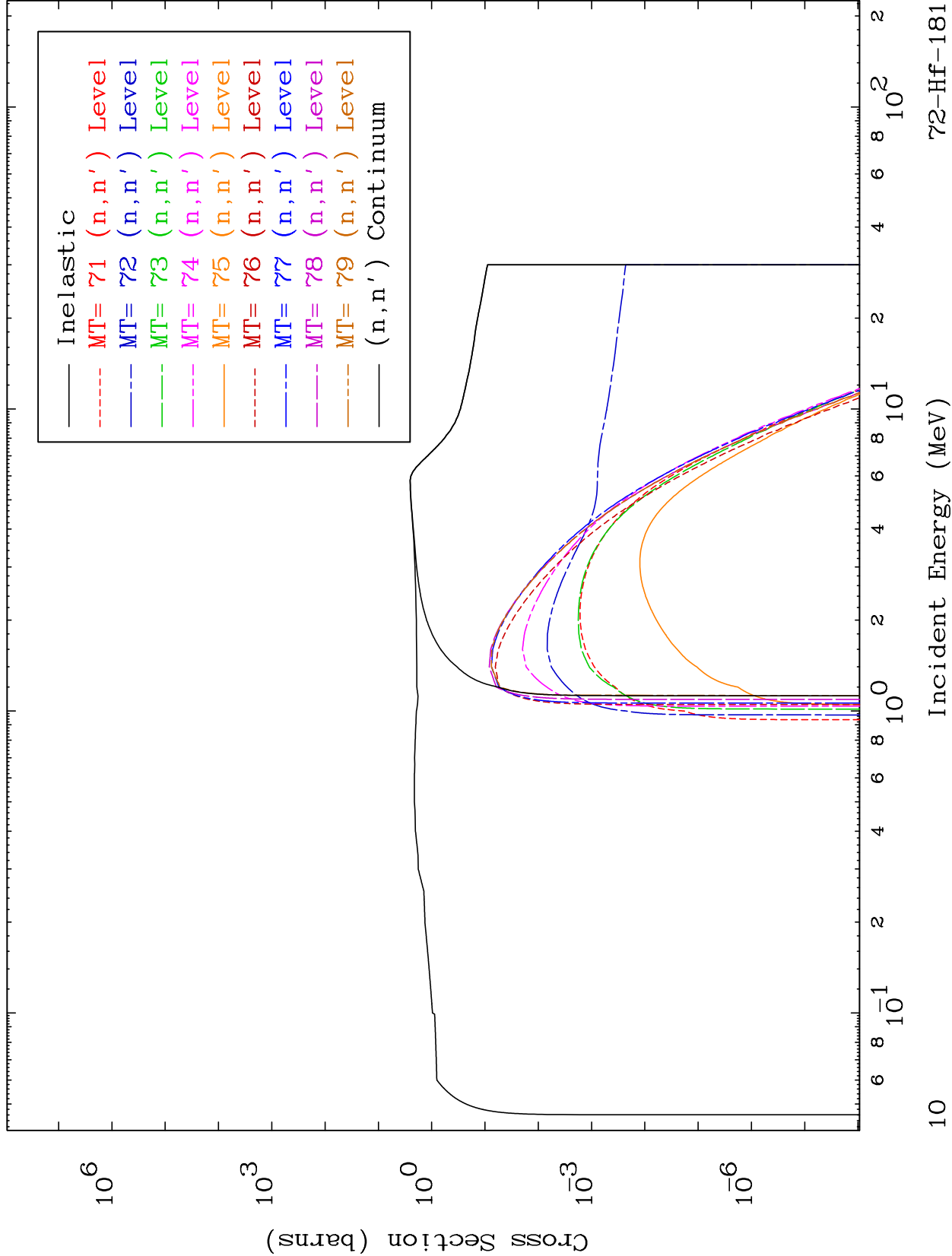


MAT 7246

(n,n') Levels

293 Kelvin Cross Sections

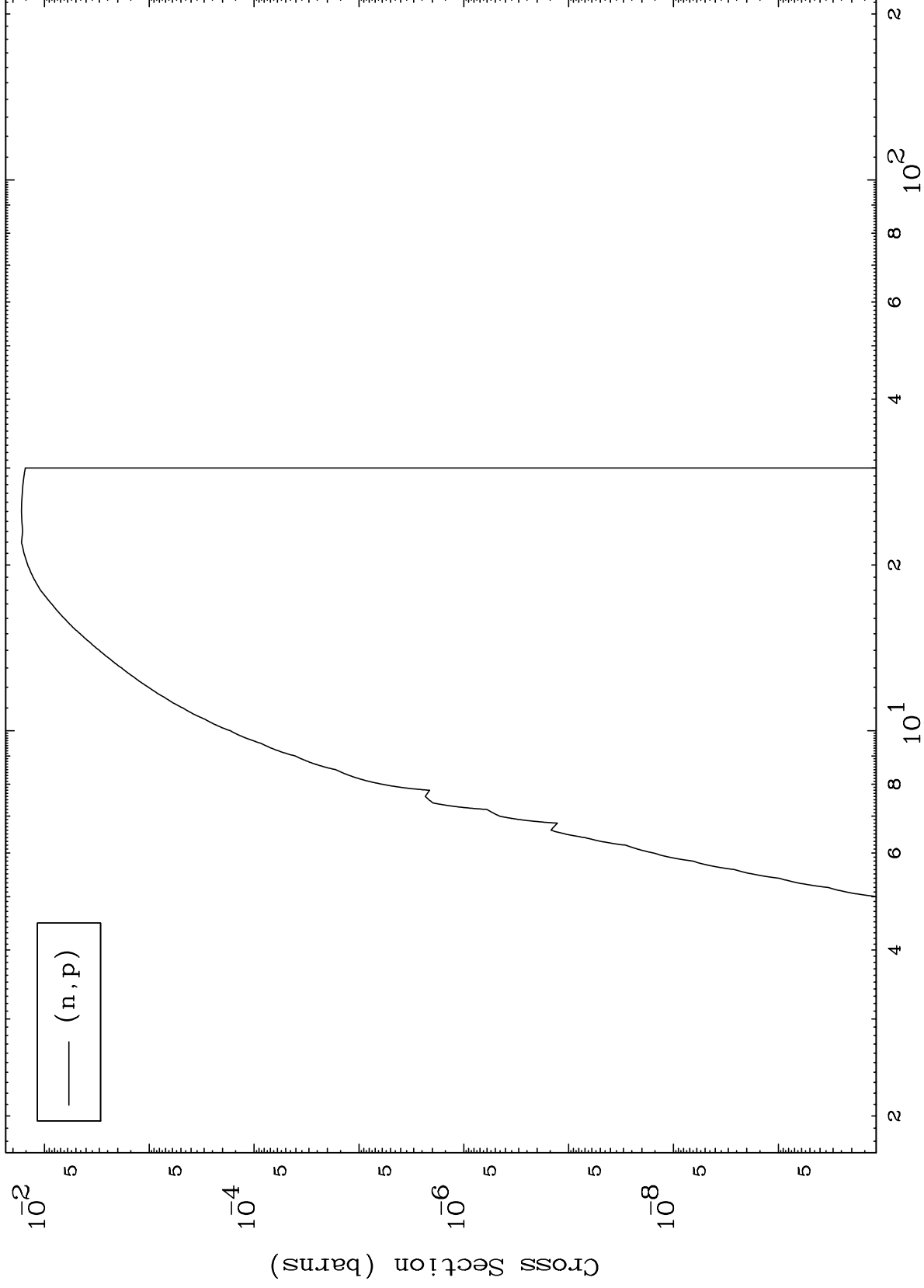
72-Hf-181



MAT 7246

72-Hf-181

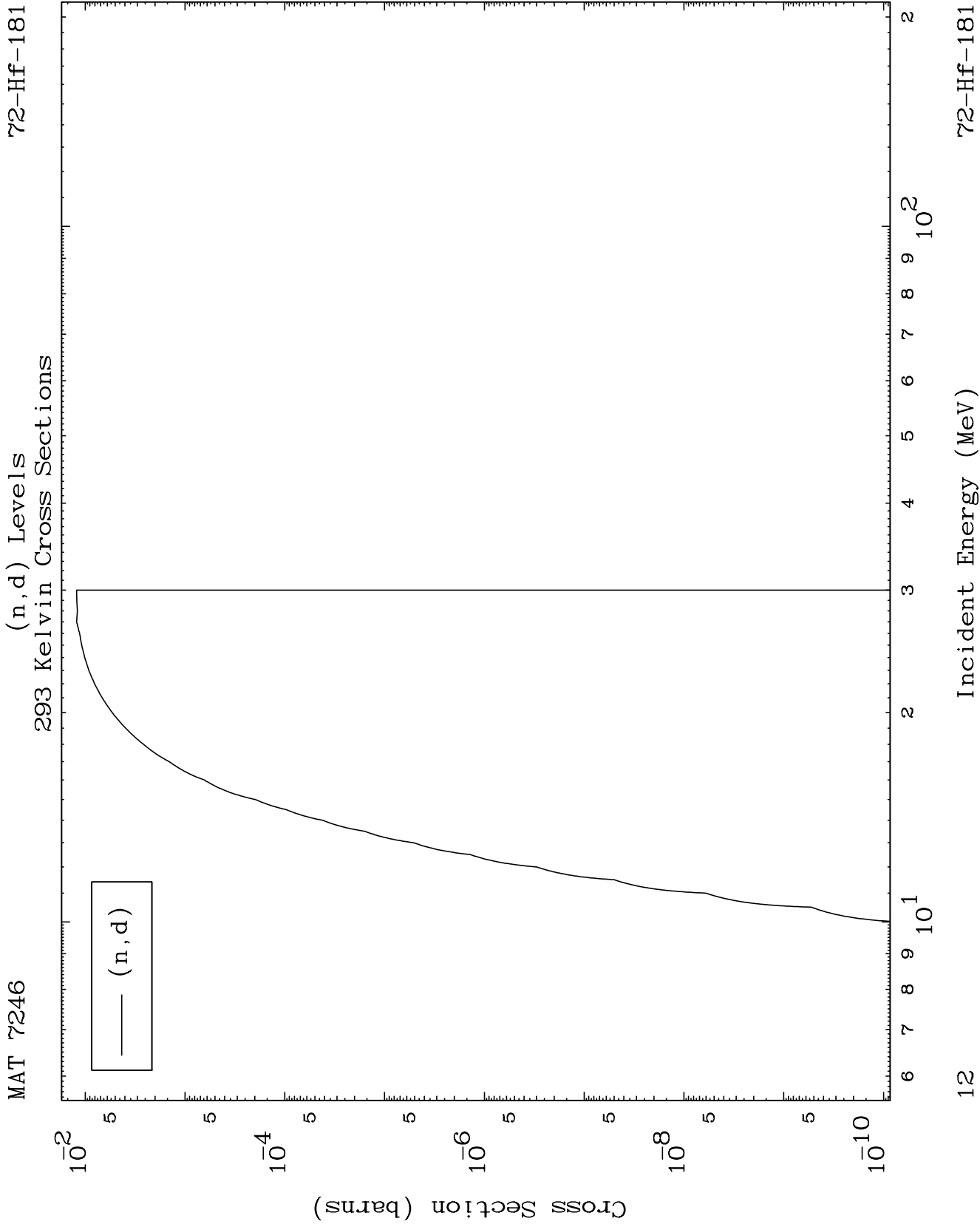
(n,p) Levels
293 Kelvin Cross Sections

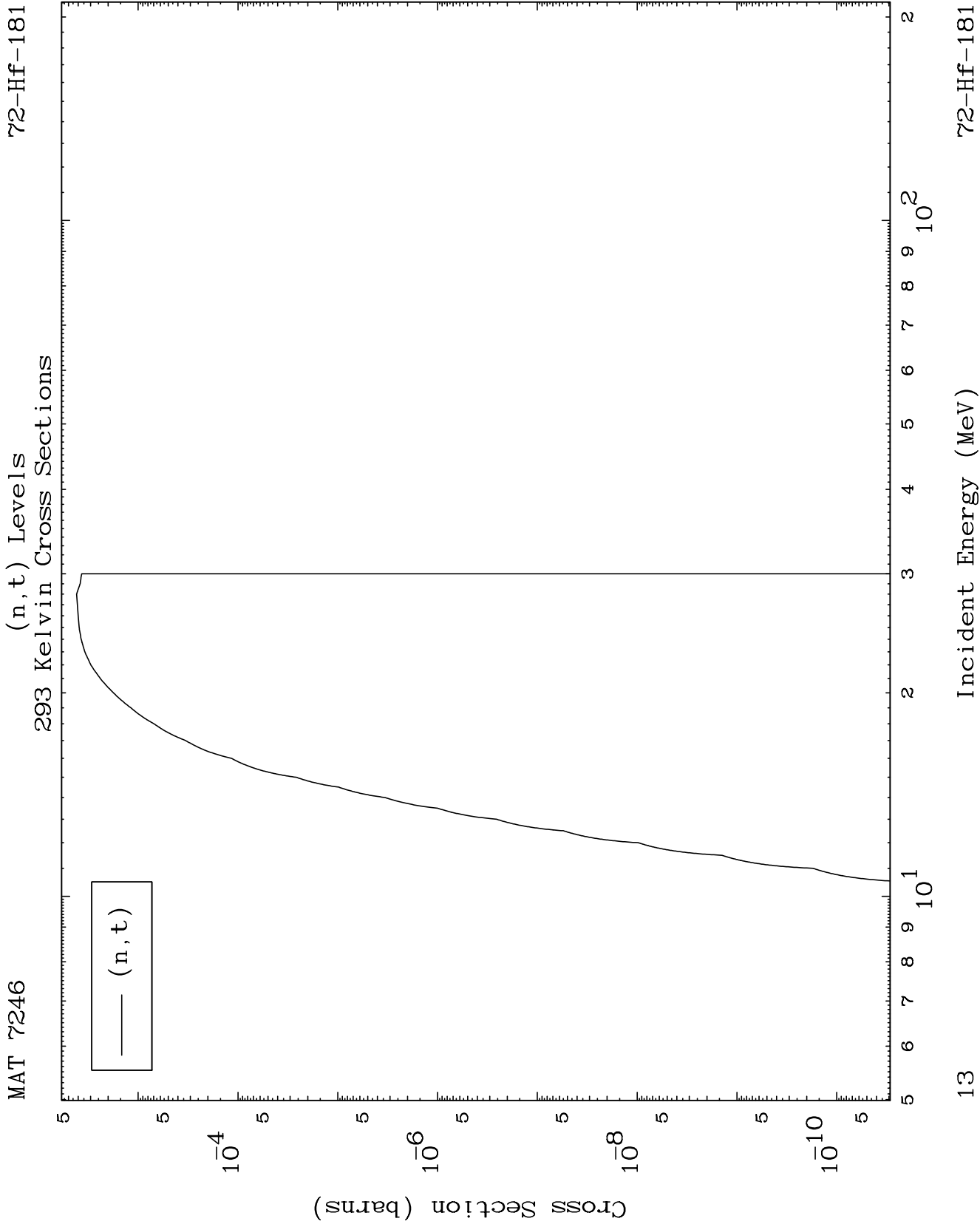


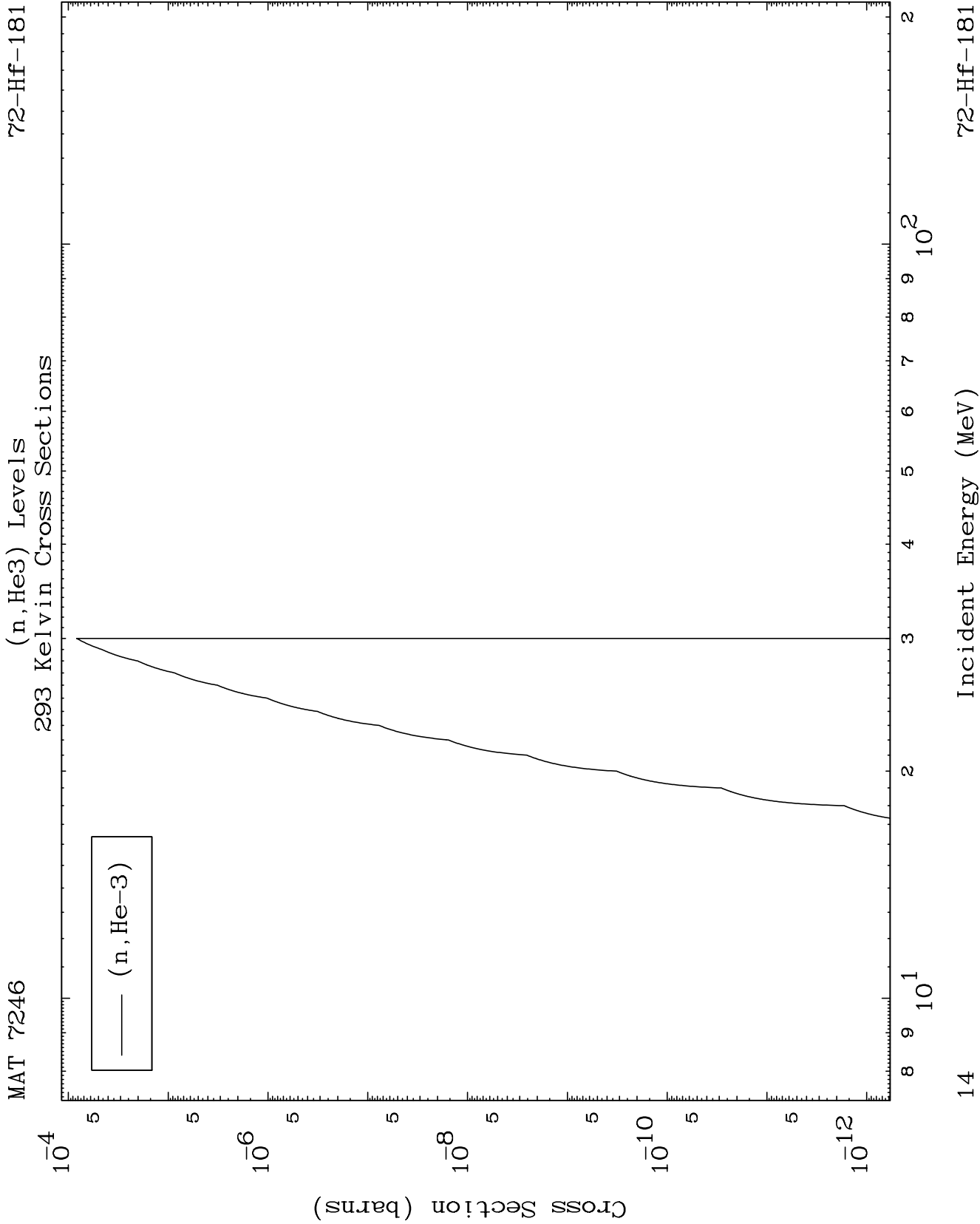
72-Hf-181

Incident Energy (MeV)

11



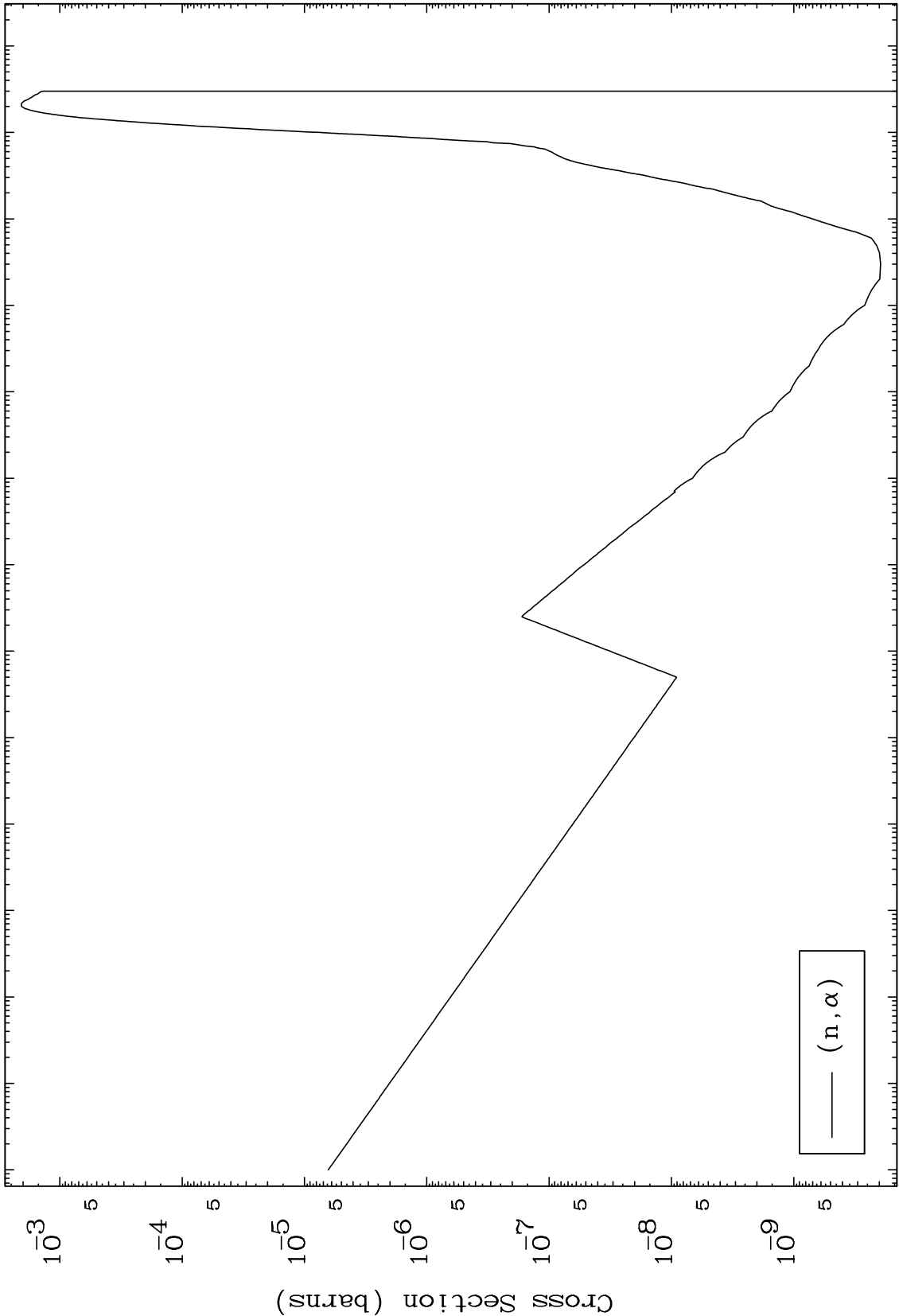




MAT 7246

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-181

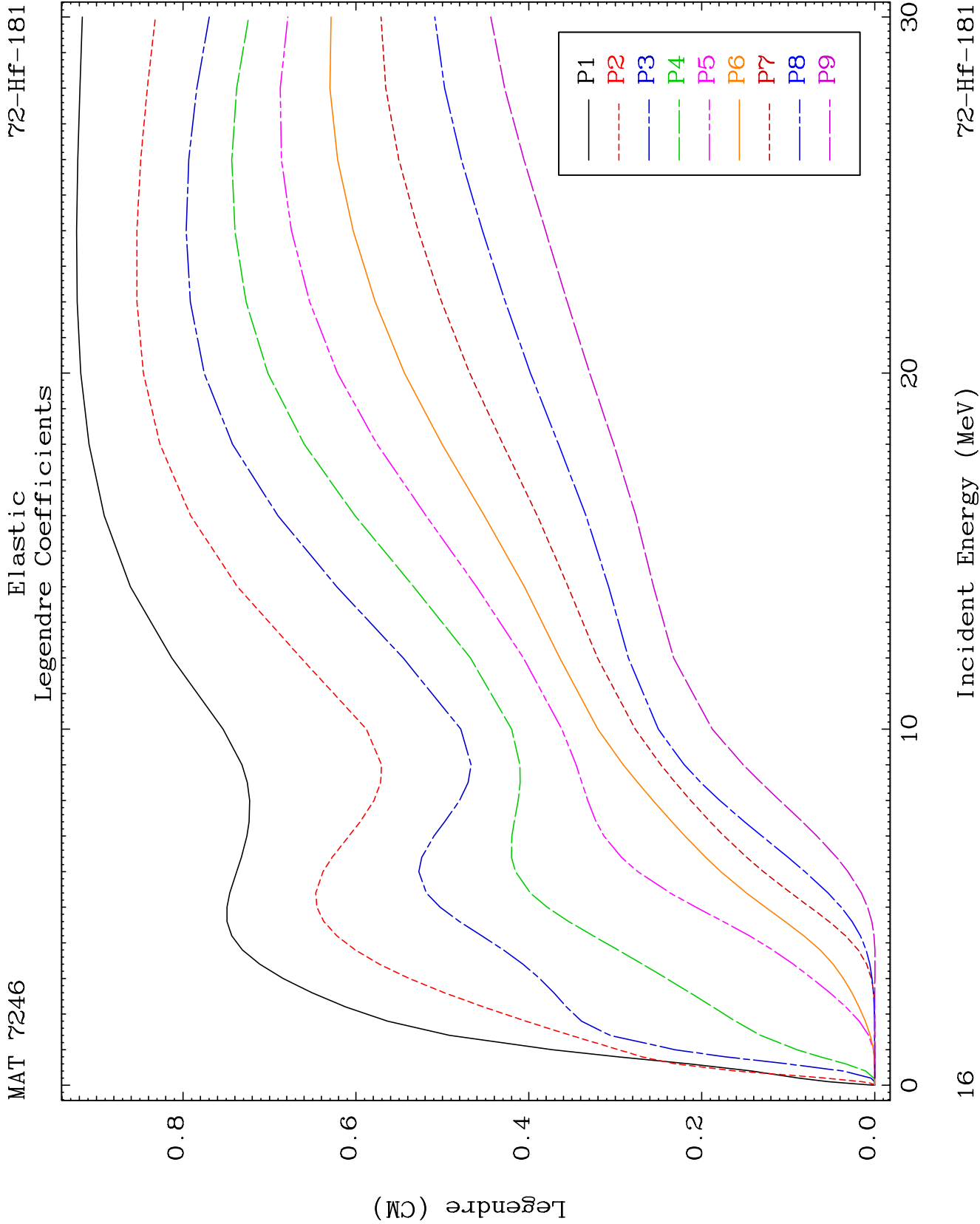


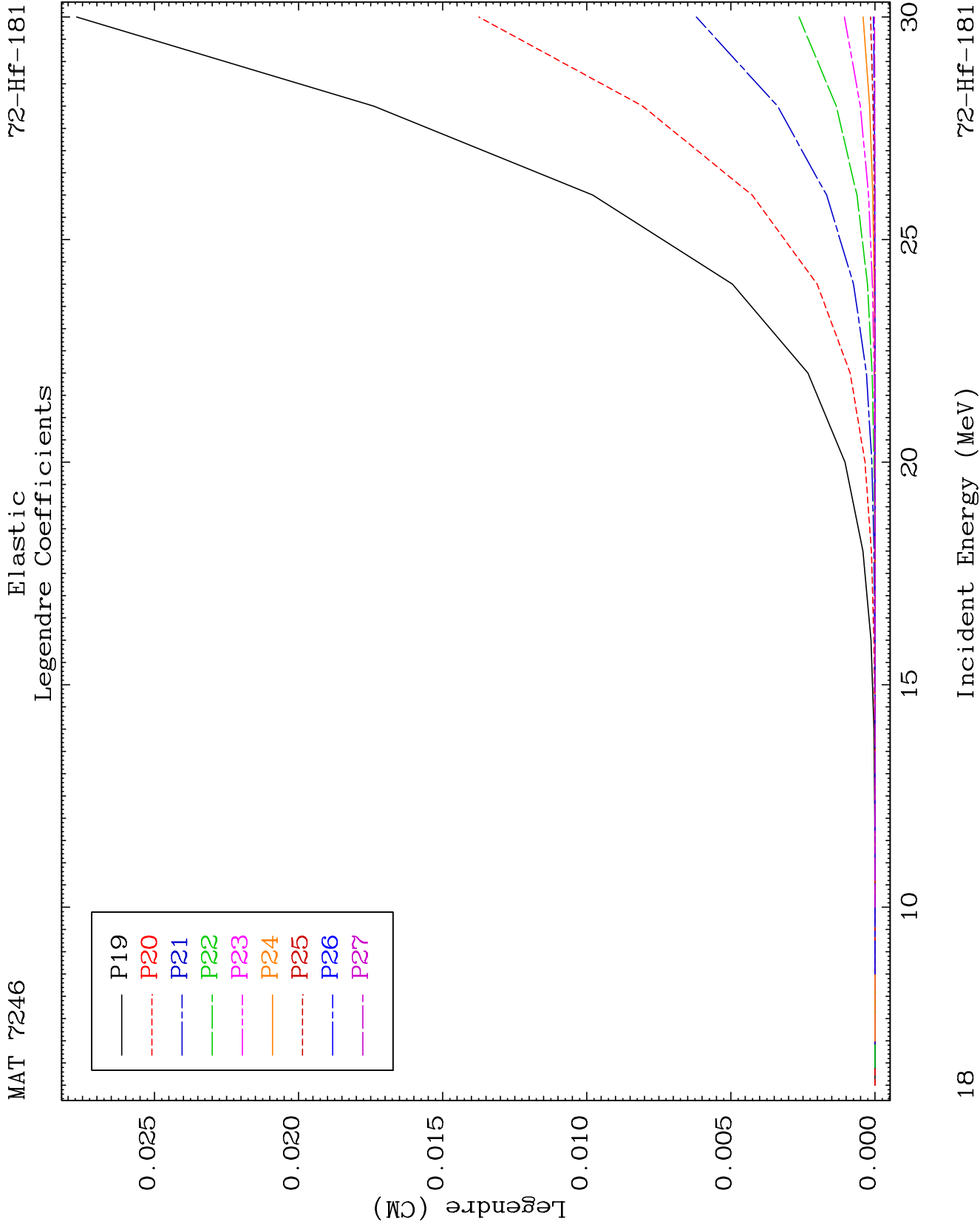
— (n, α)

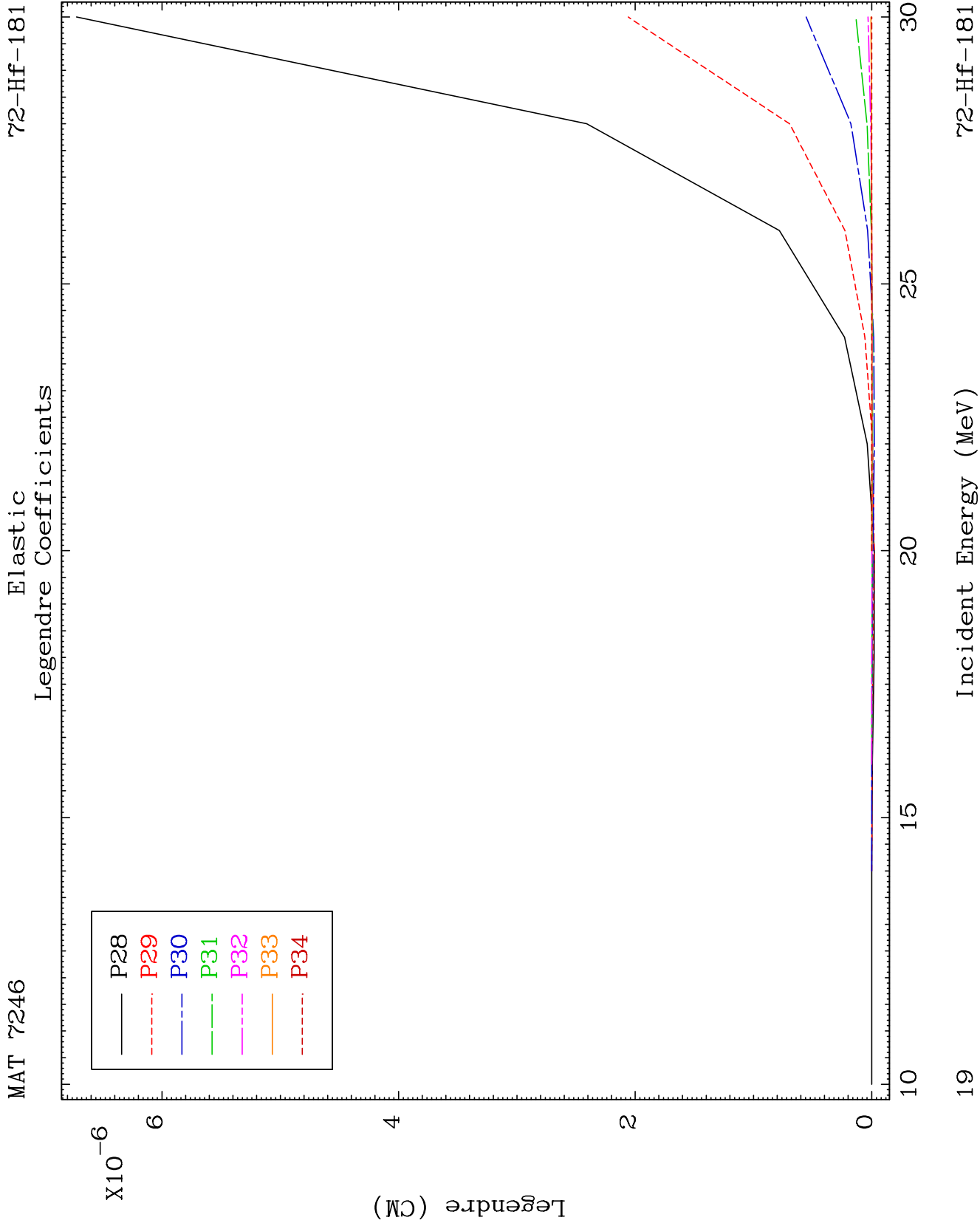
15

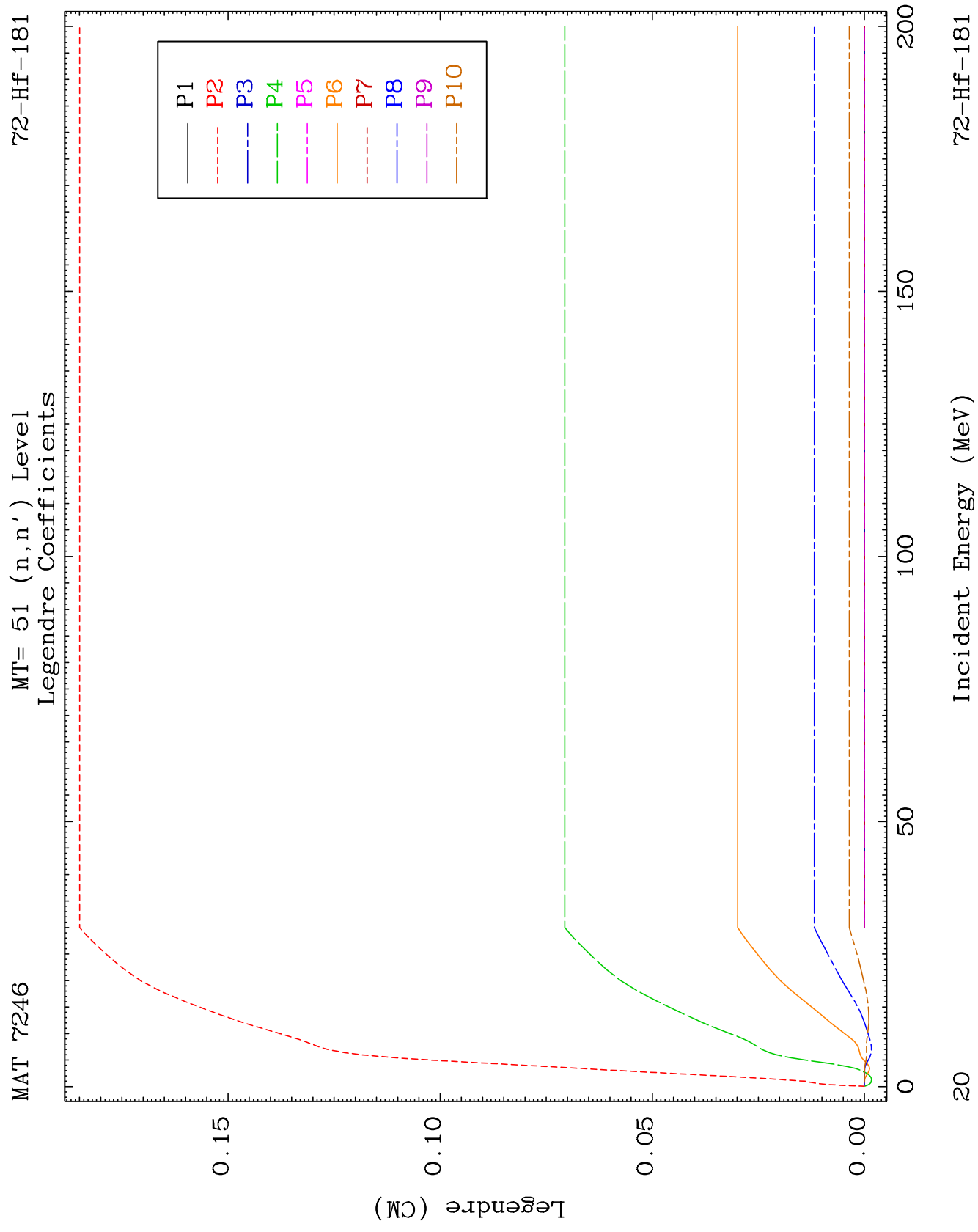
Incident Energy (MeV)

72-Hf-181





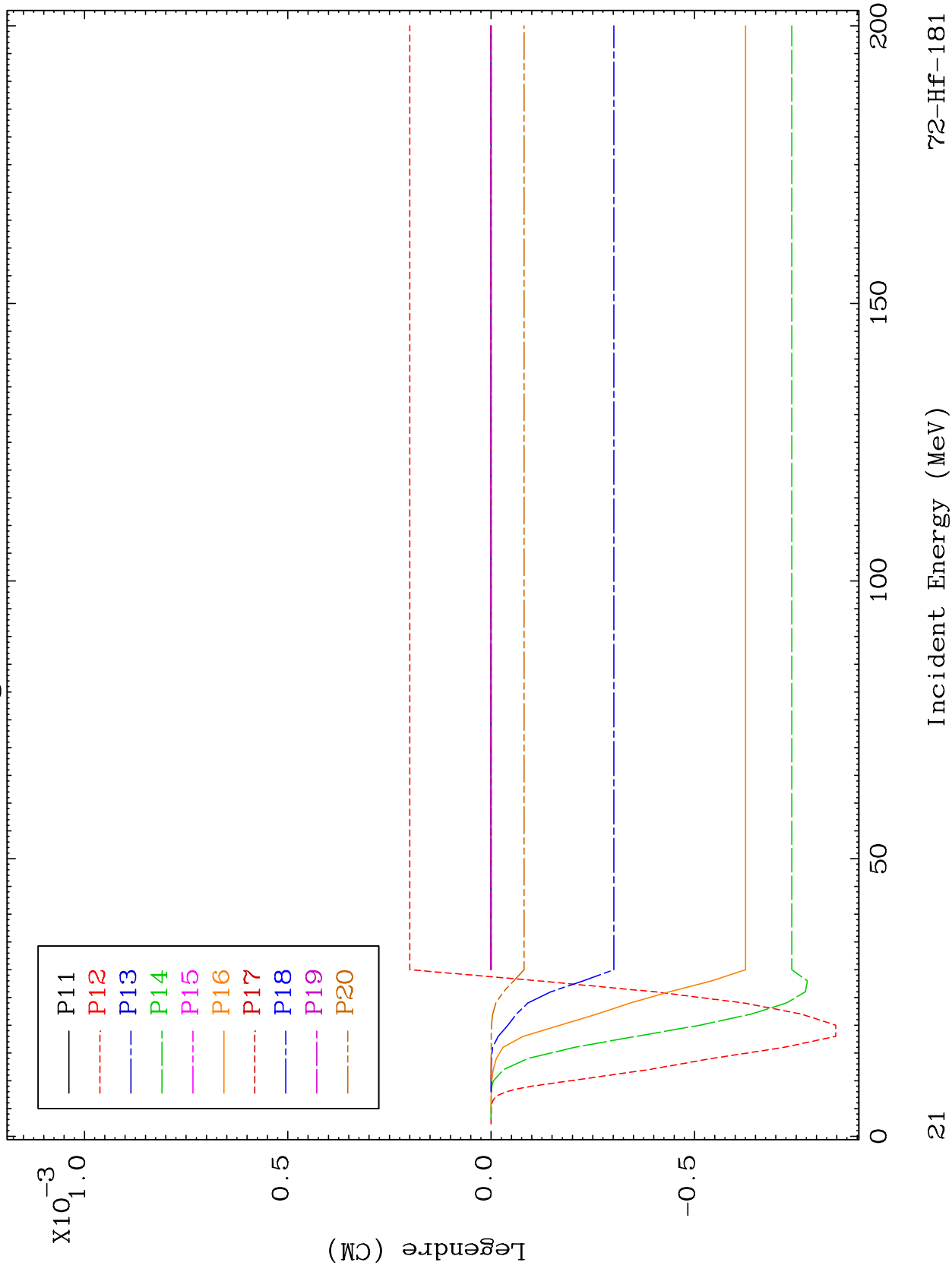


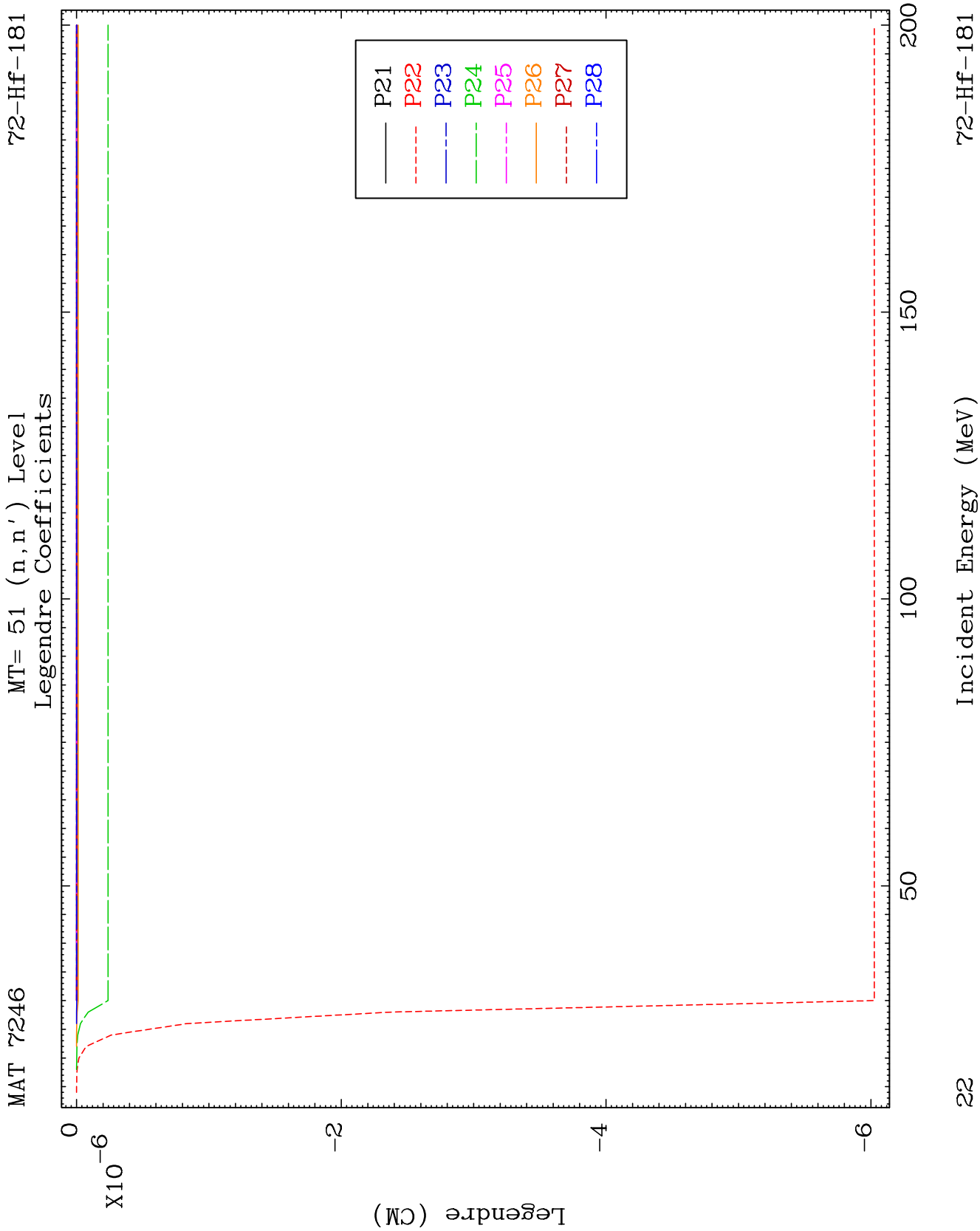


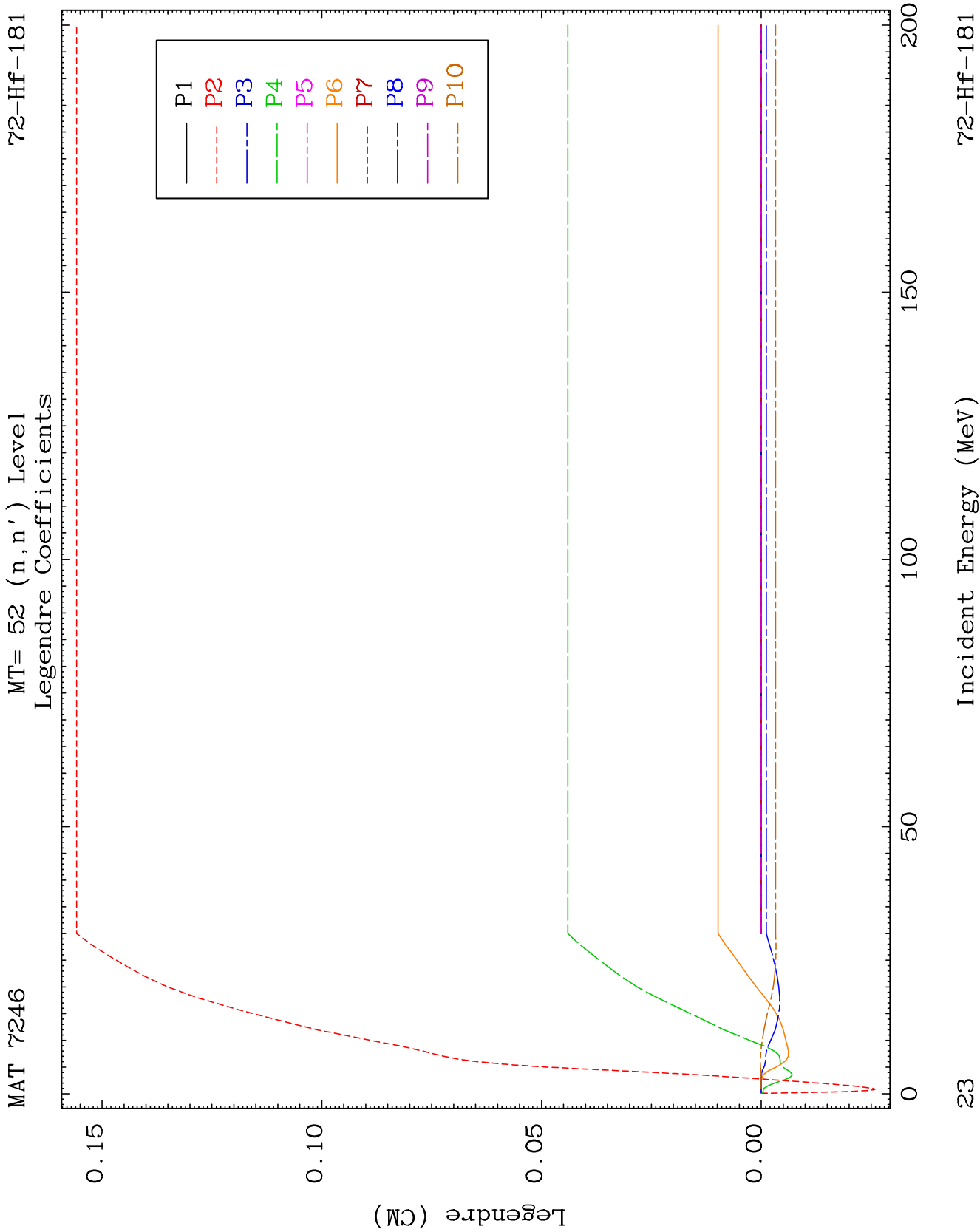
MAT 7246

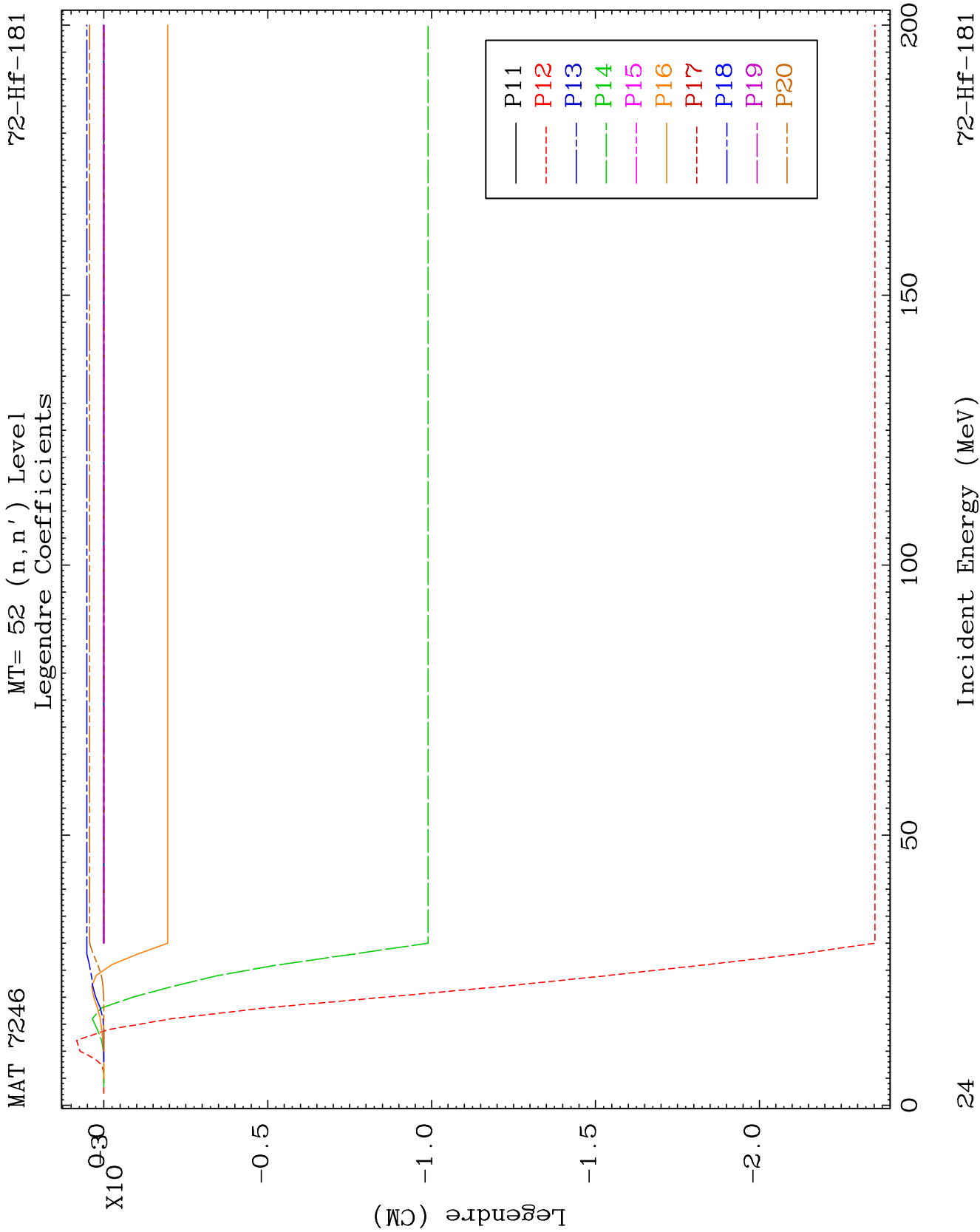
MT= 51 (n, n') Level
Legendre Coefficients

72-Hf-181





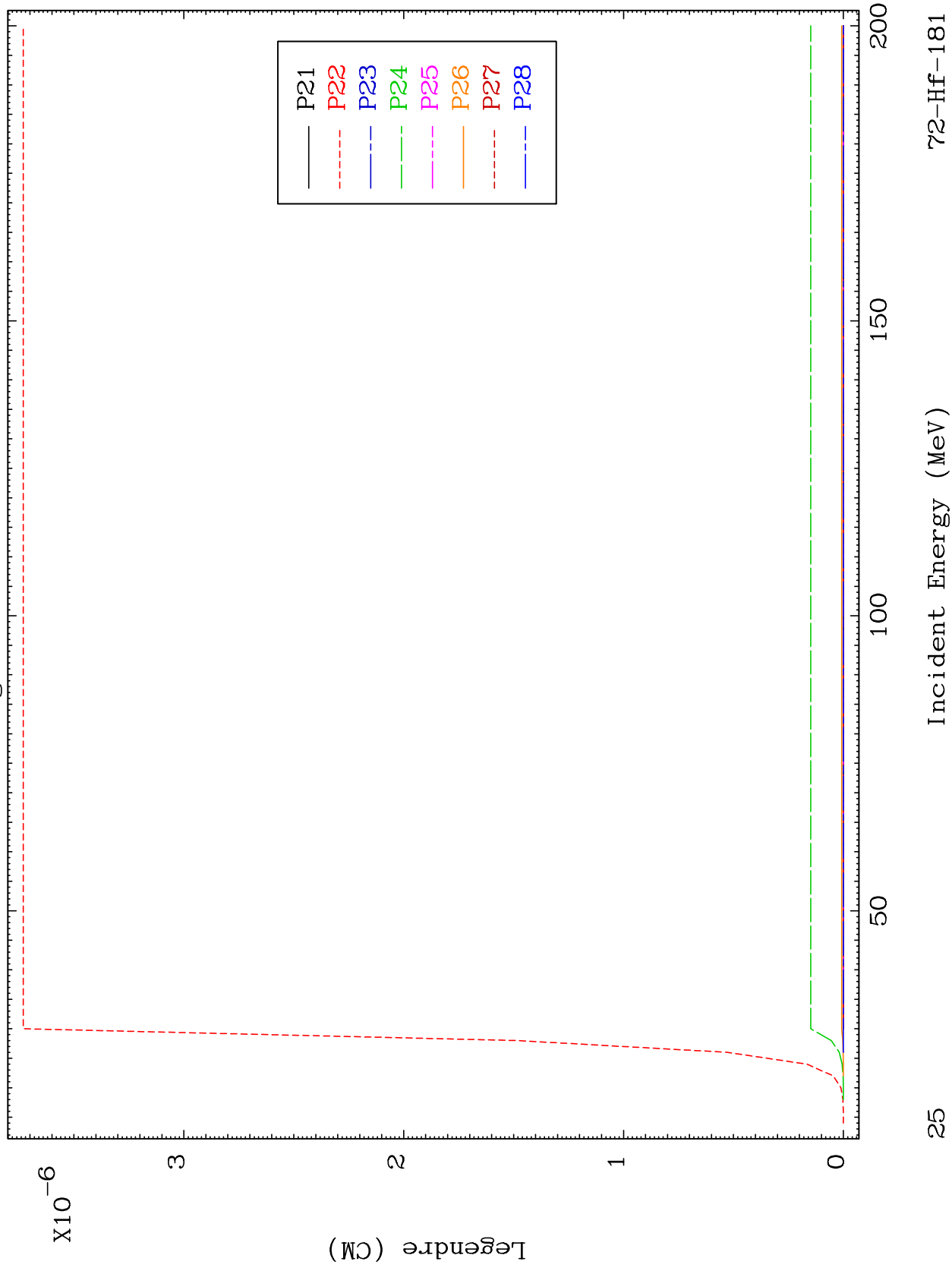


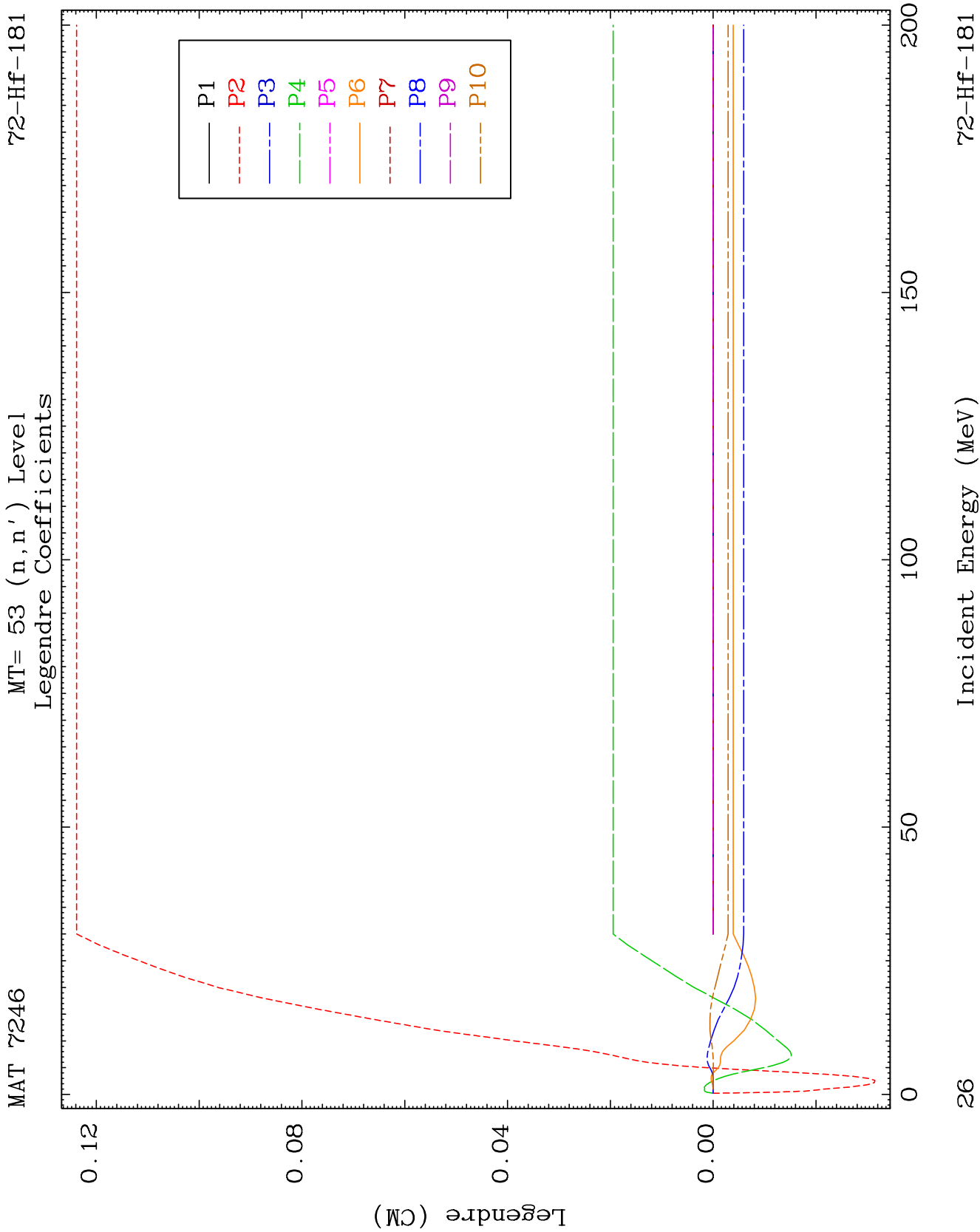


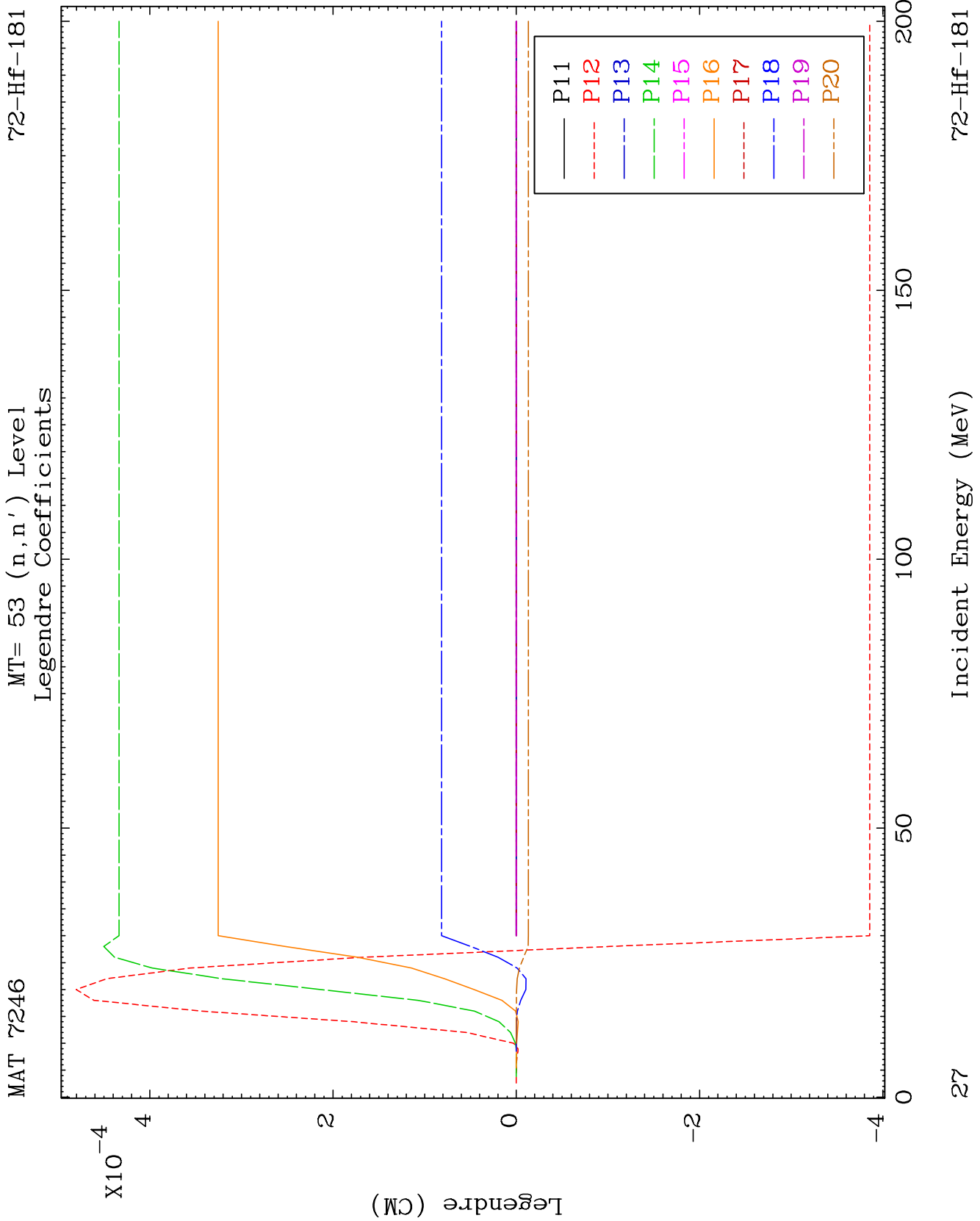
MAT 7246

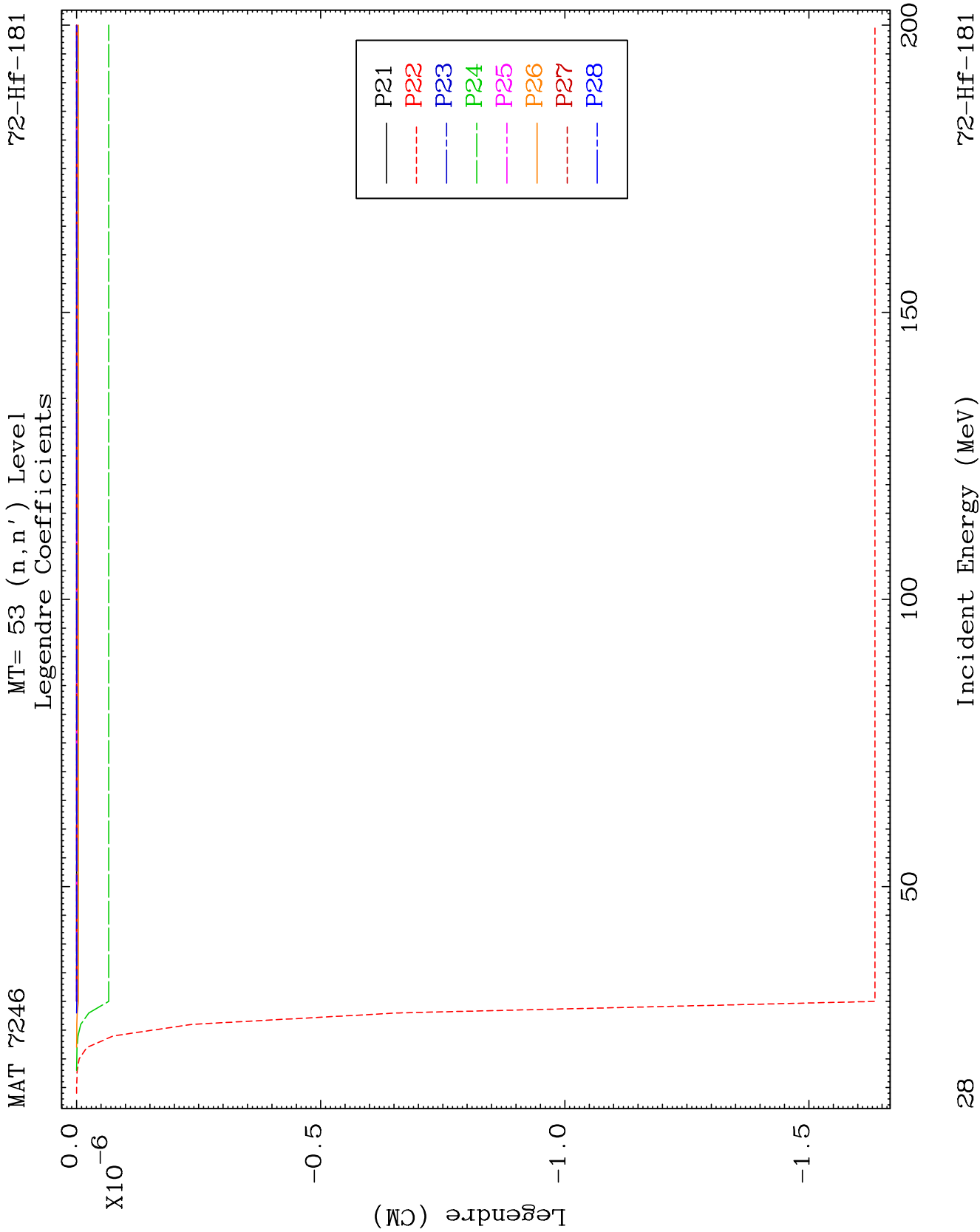
MT= 52 (n, n') Level
Legendre Coefficients

72-Hf-181





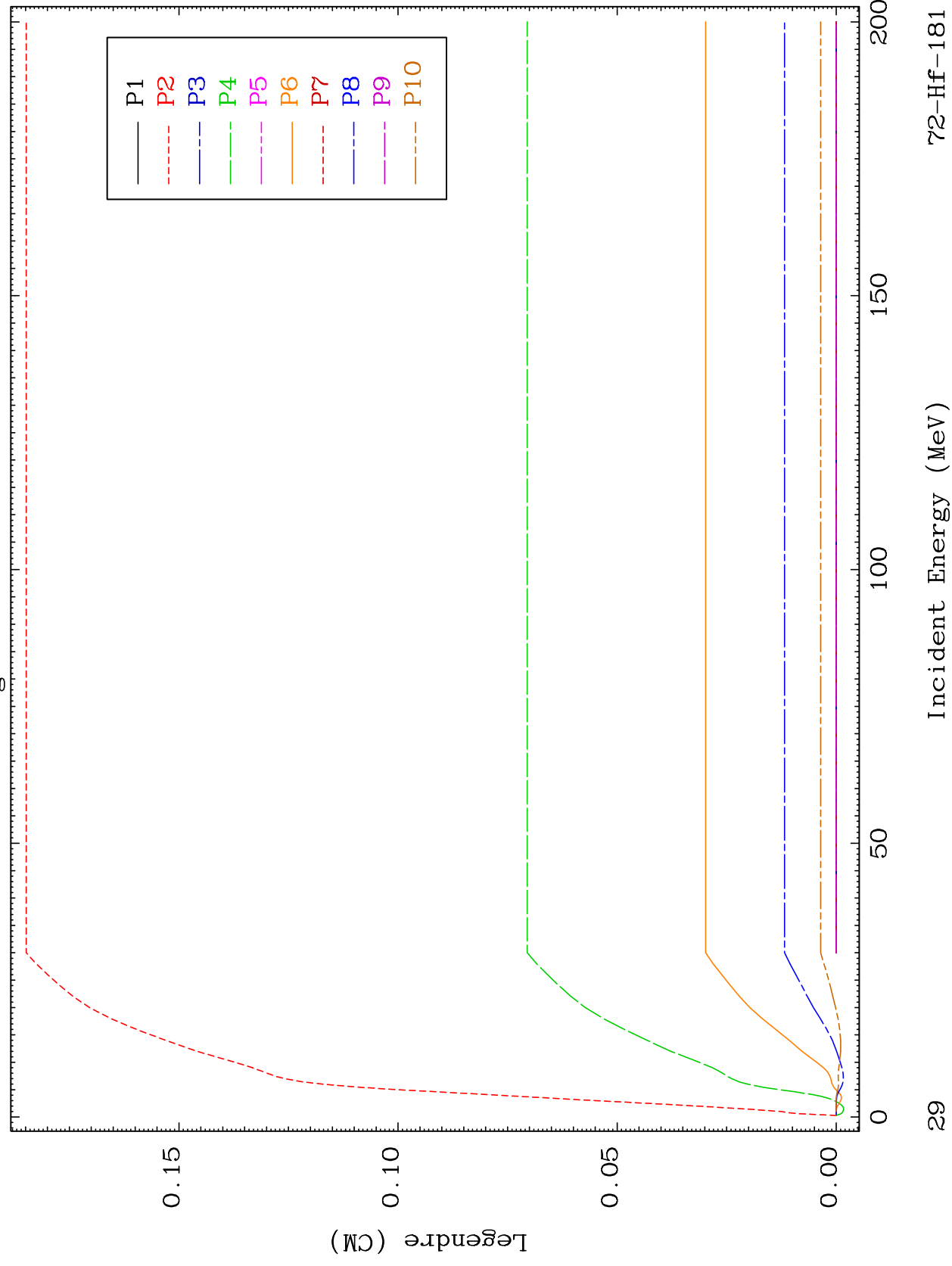




MAT 7246

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

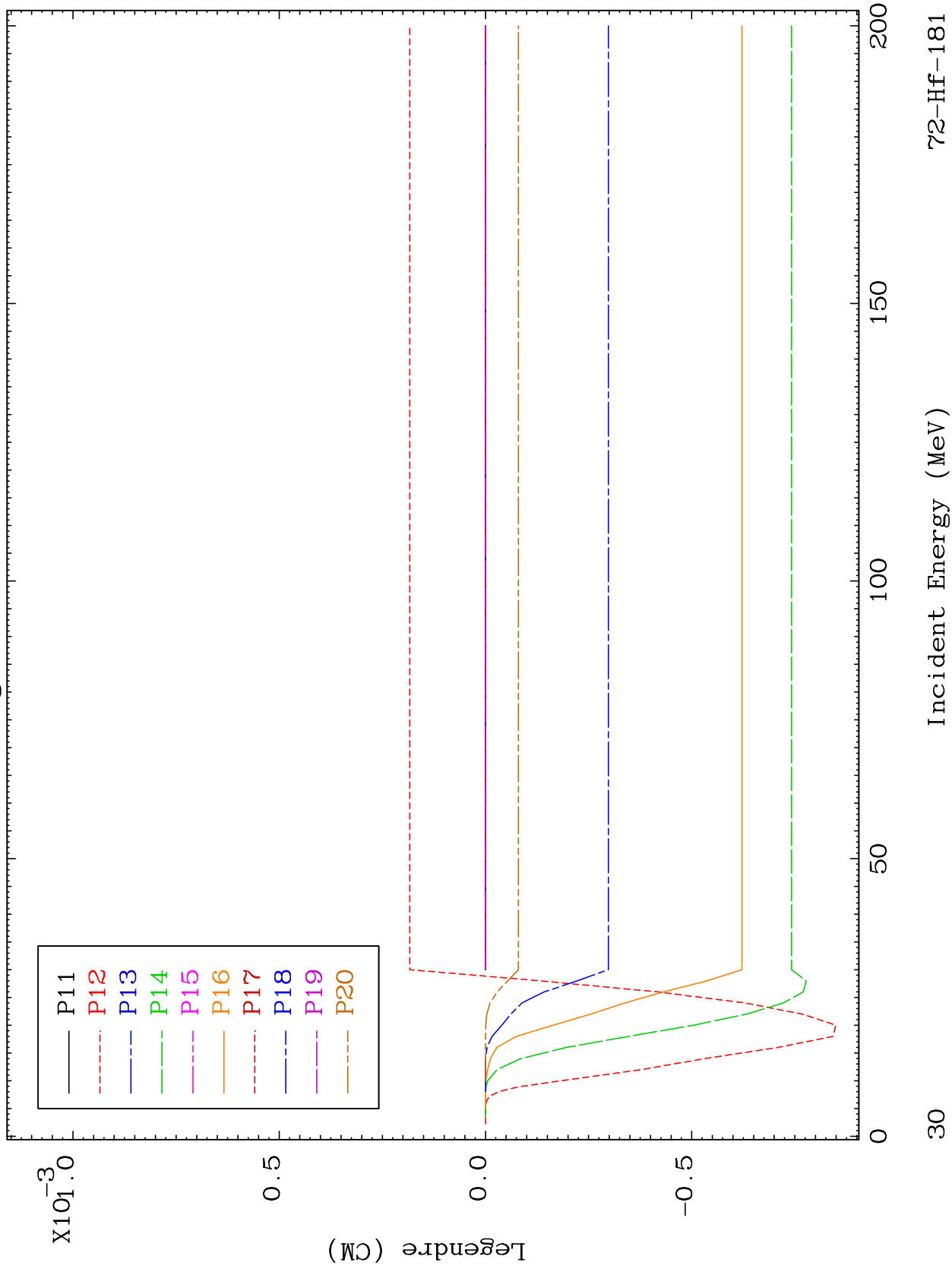
72-Hf-181

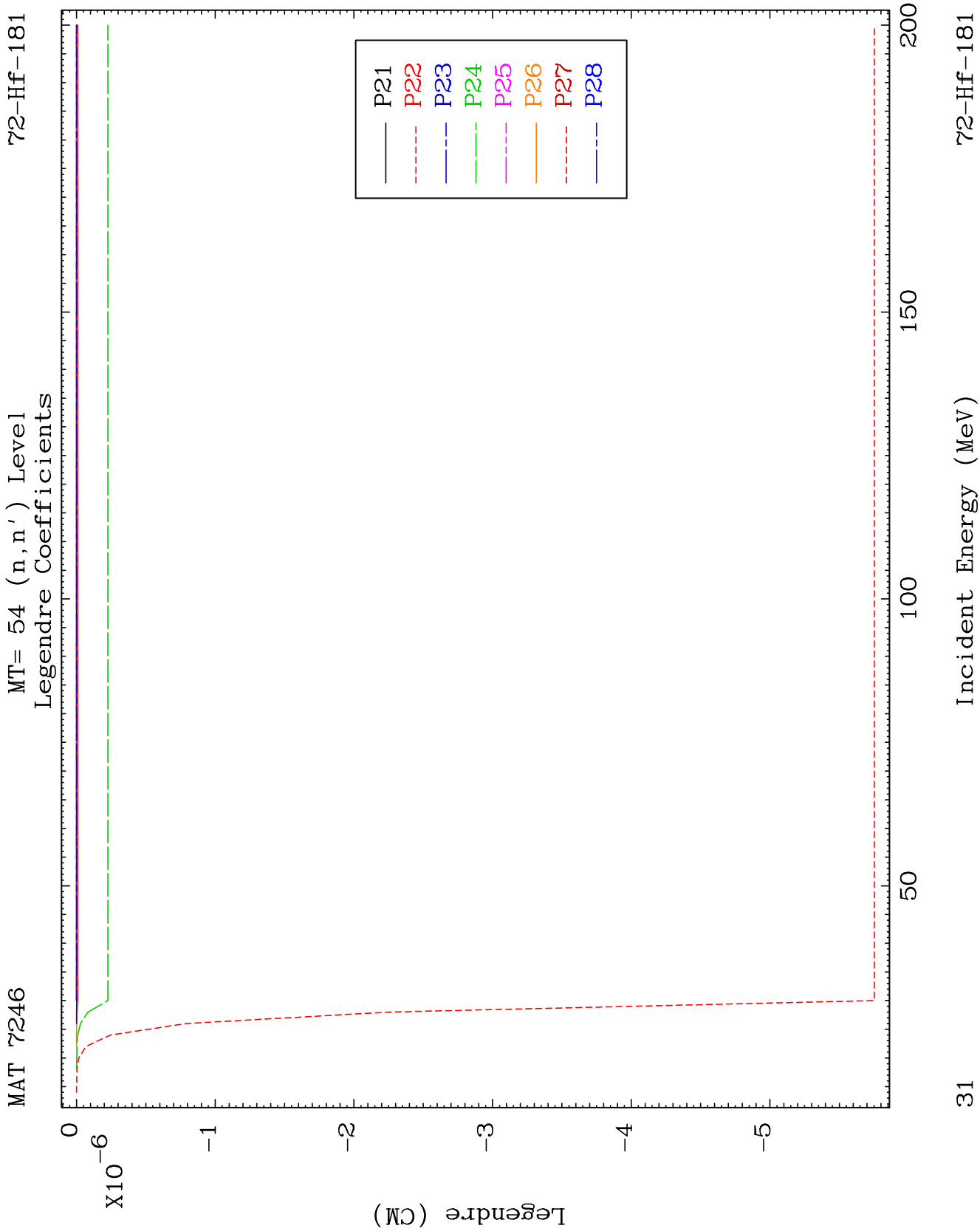


MAT 7246

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

72-Hf-181

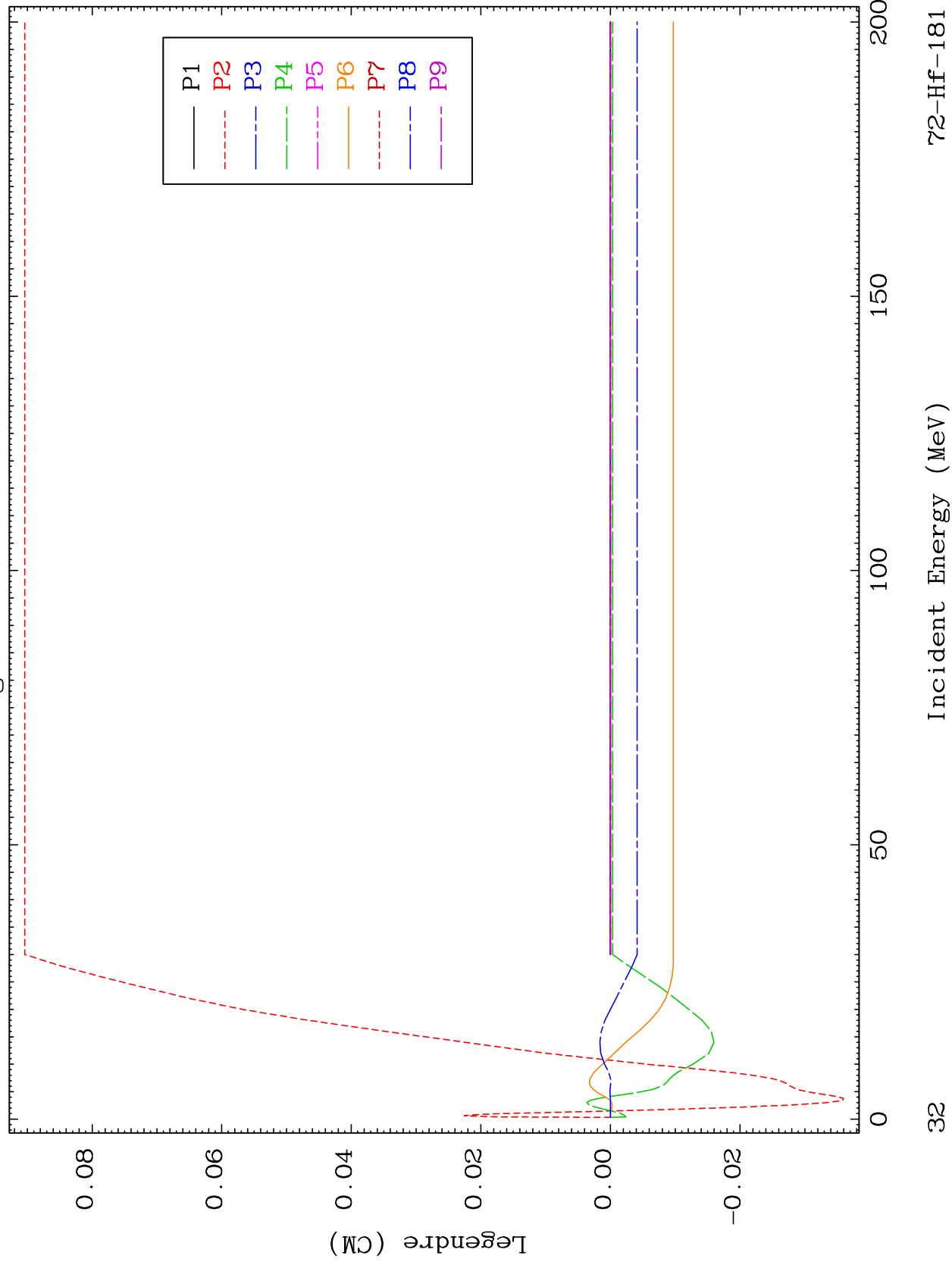


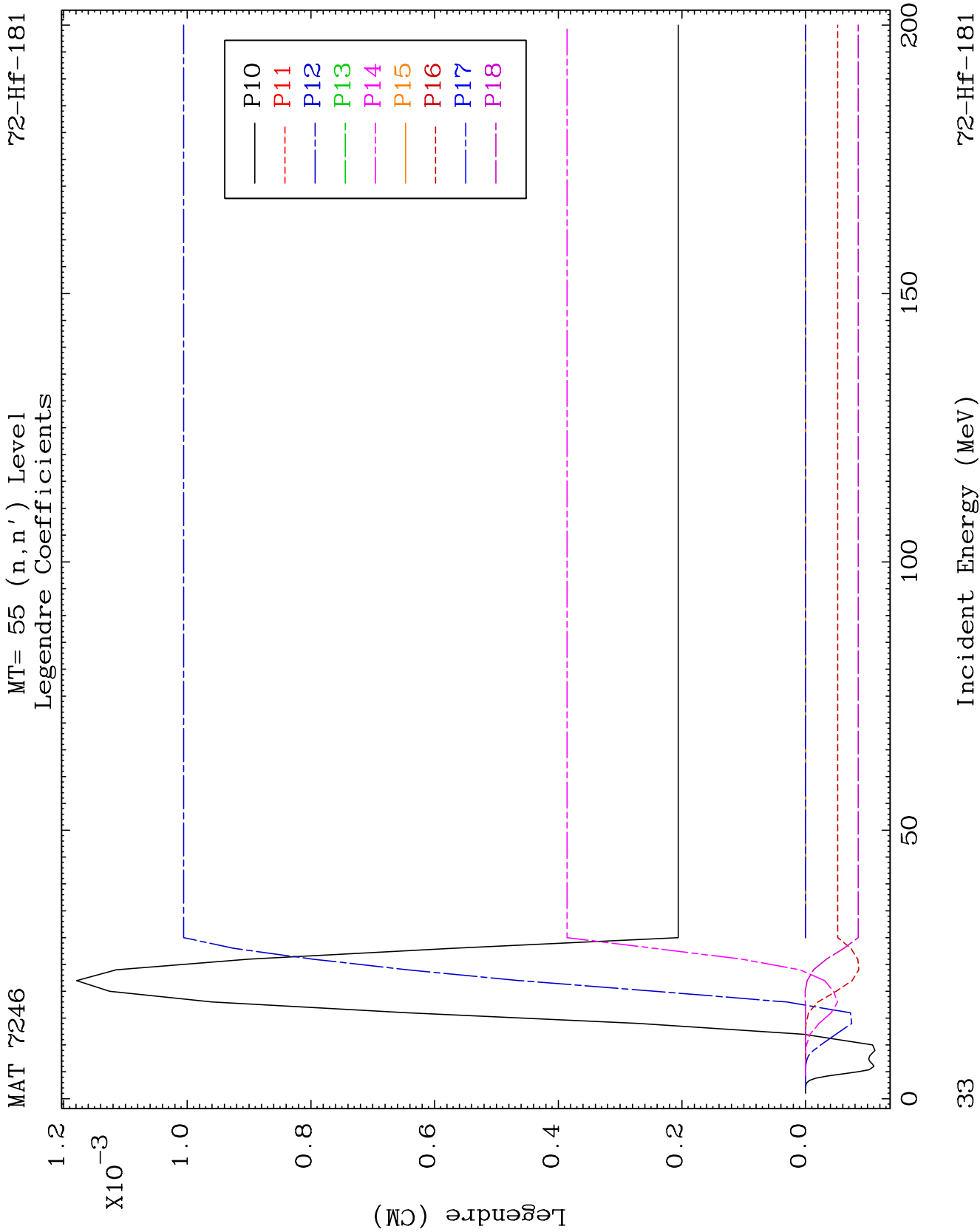


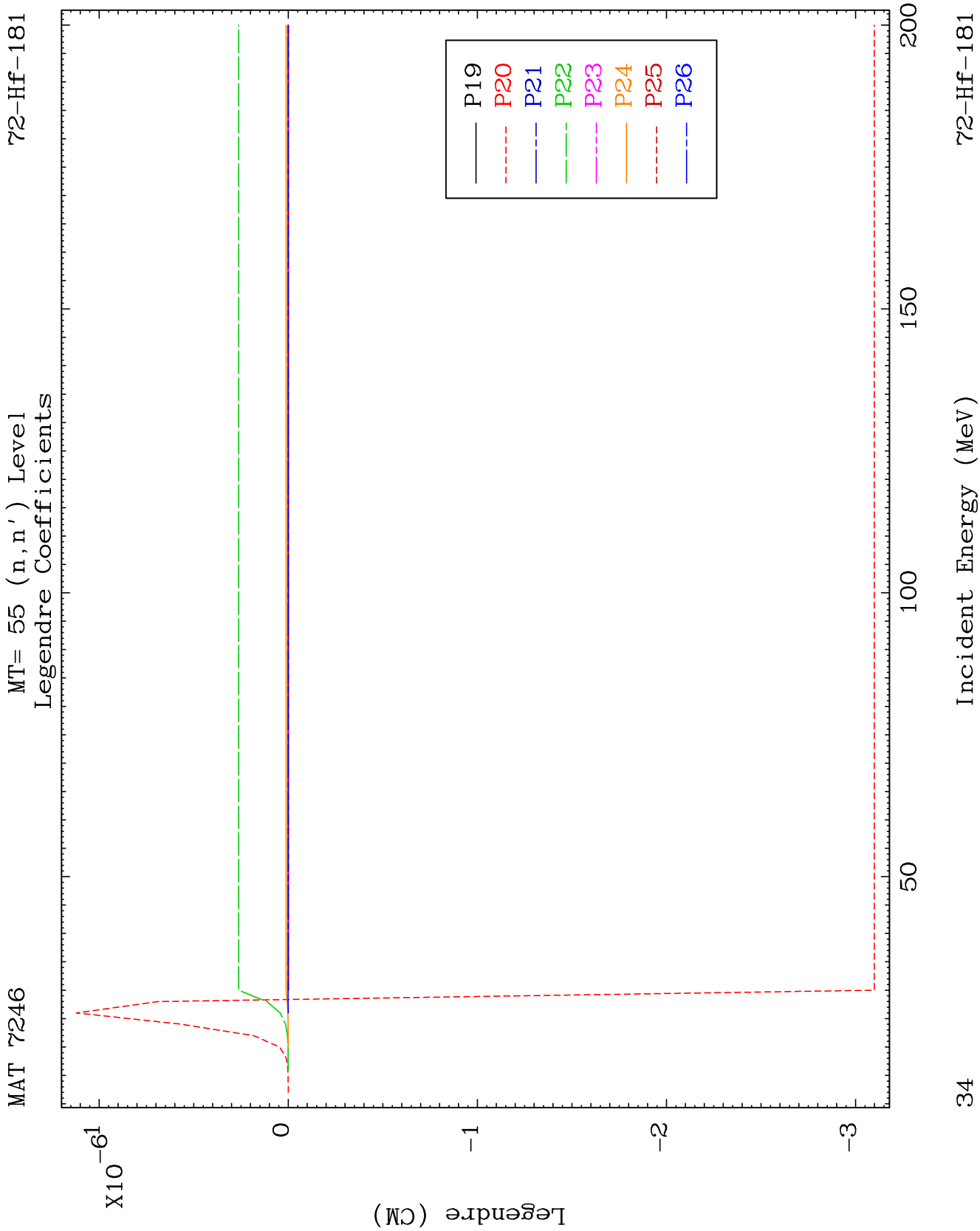
MAT 7246

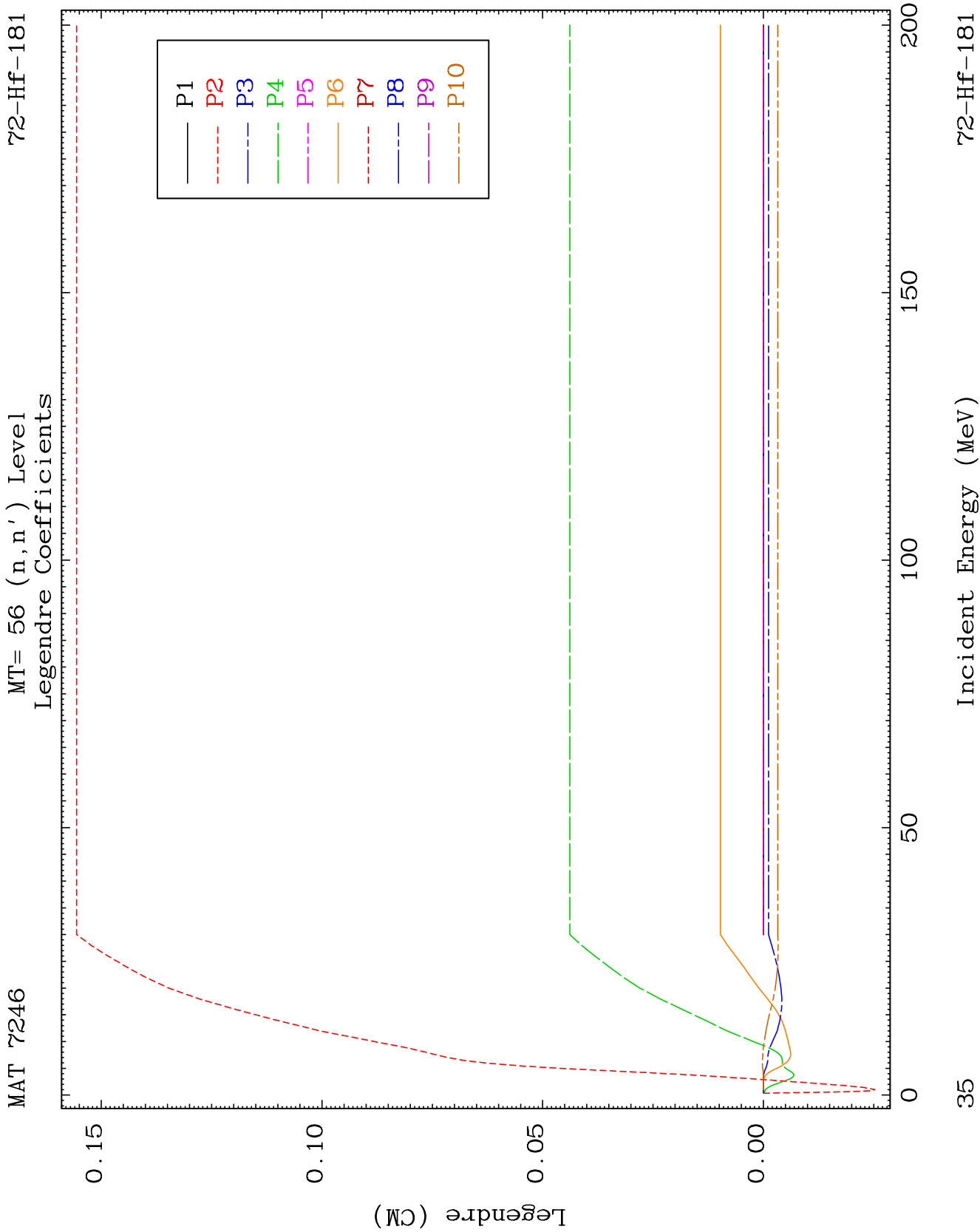
MT= 55 (n, n') Level
Legendre Coefficients

72-Hf-181







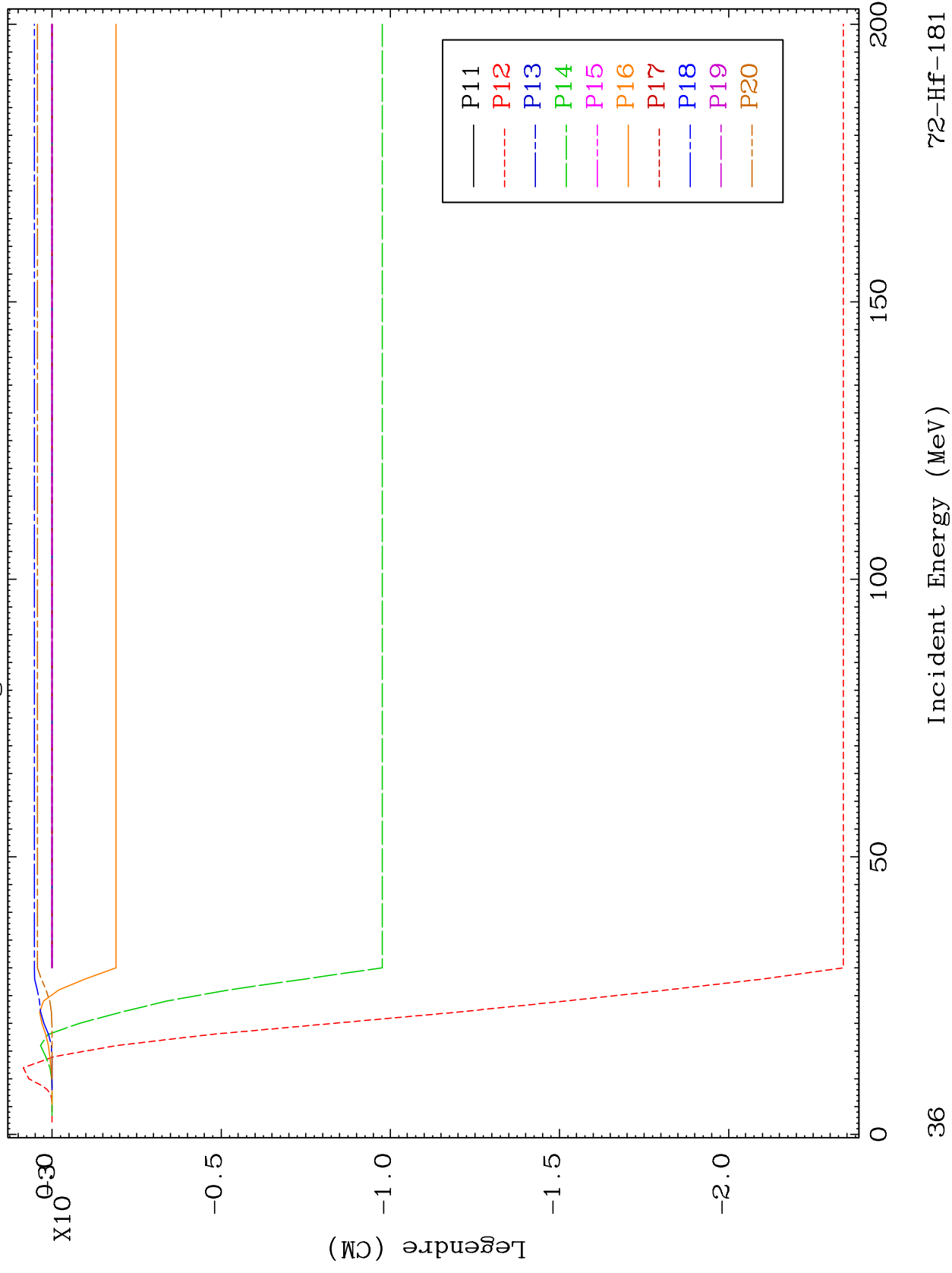


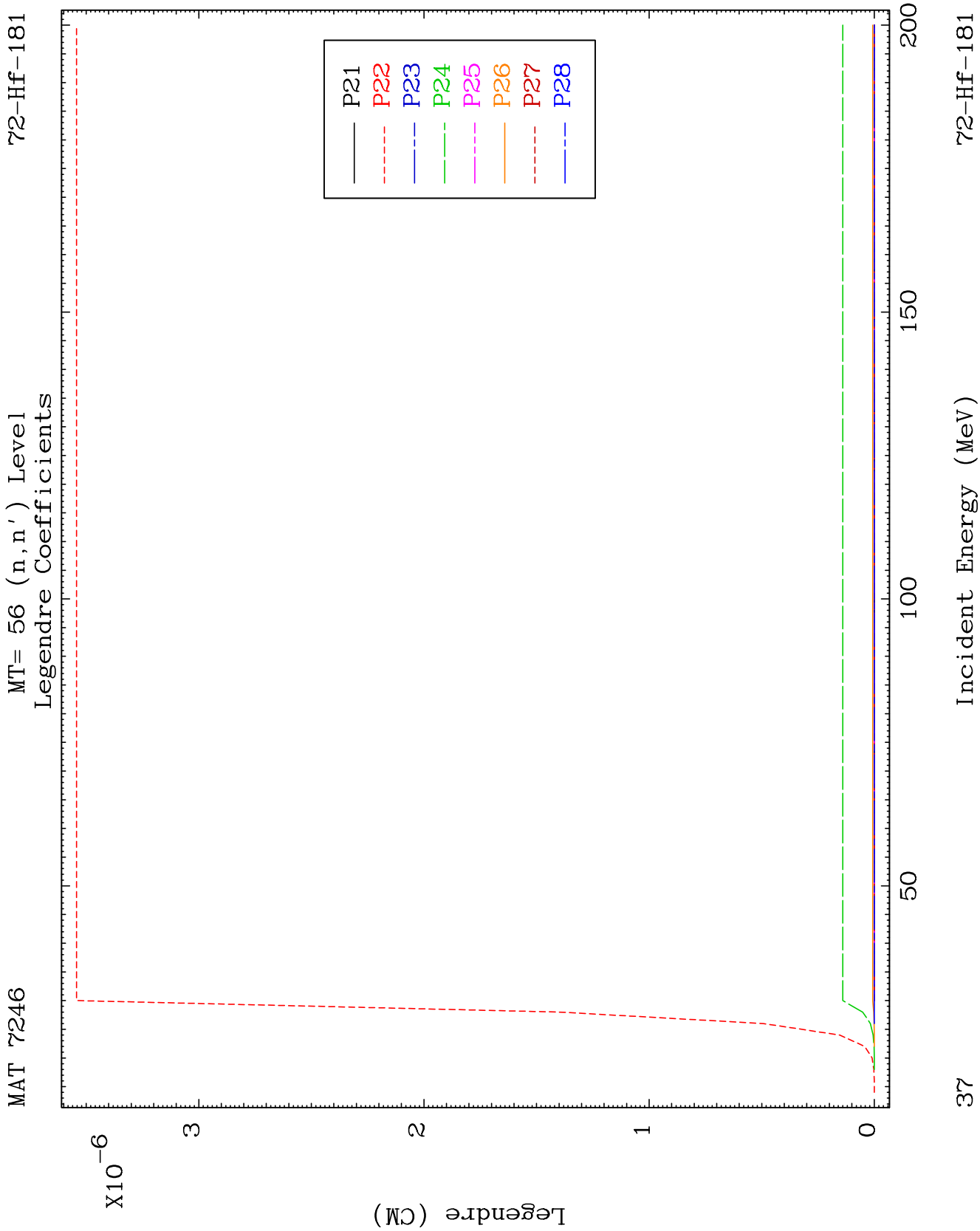
MAT 7246

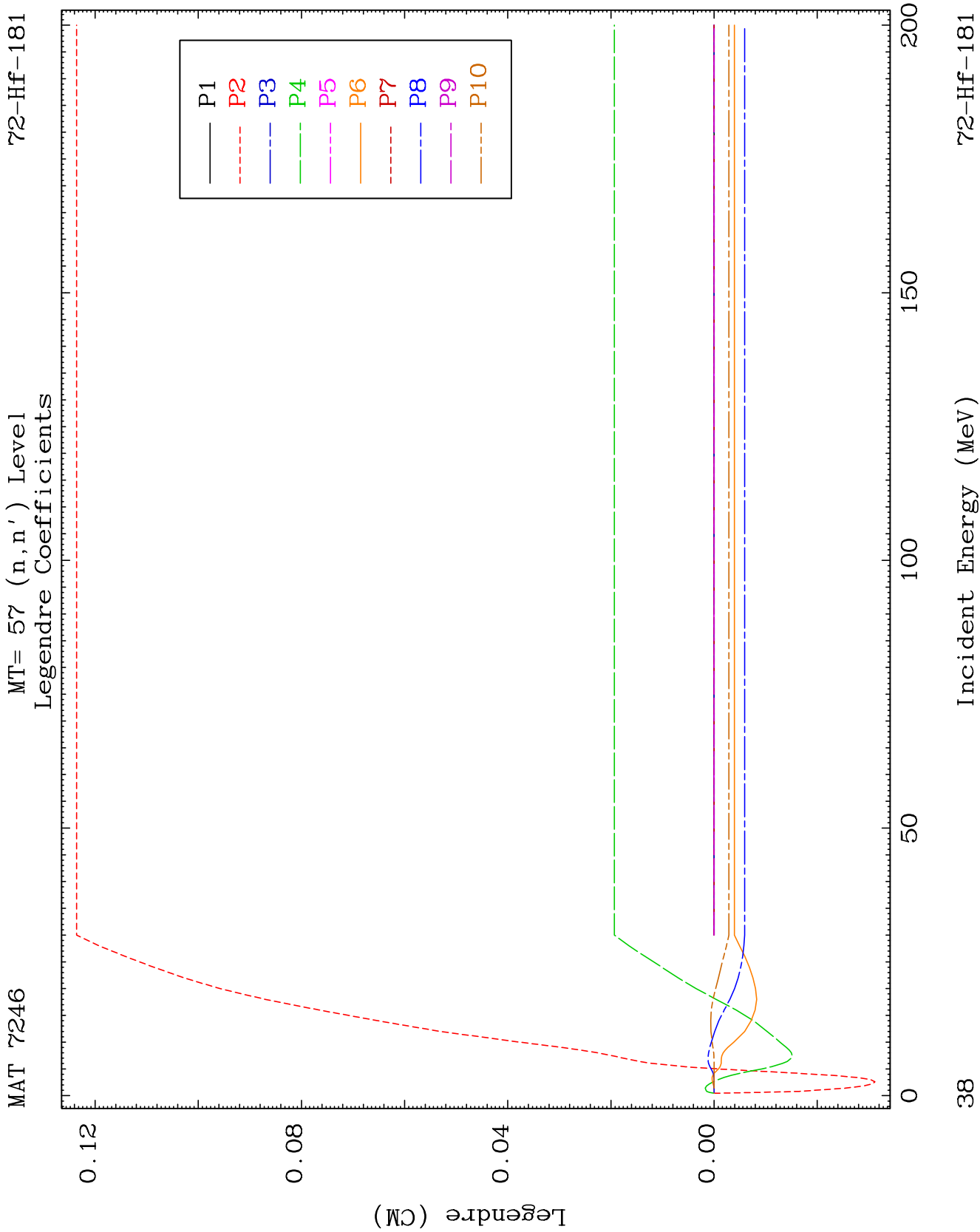
MT= 56 (n, n') Level

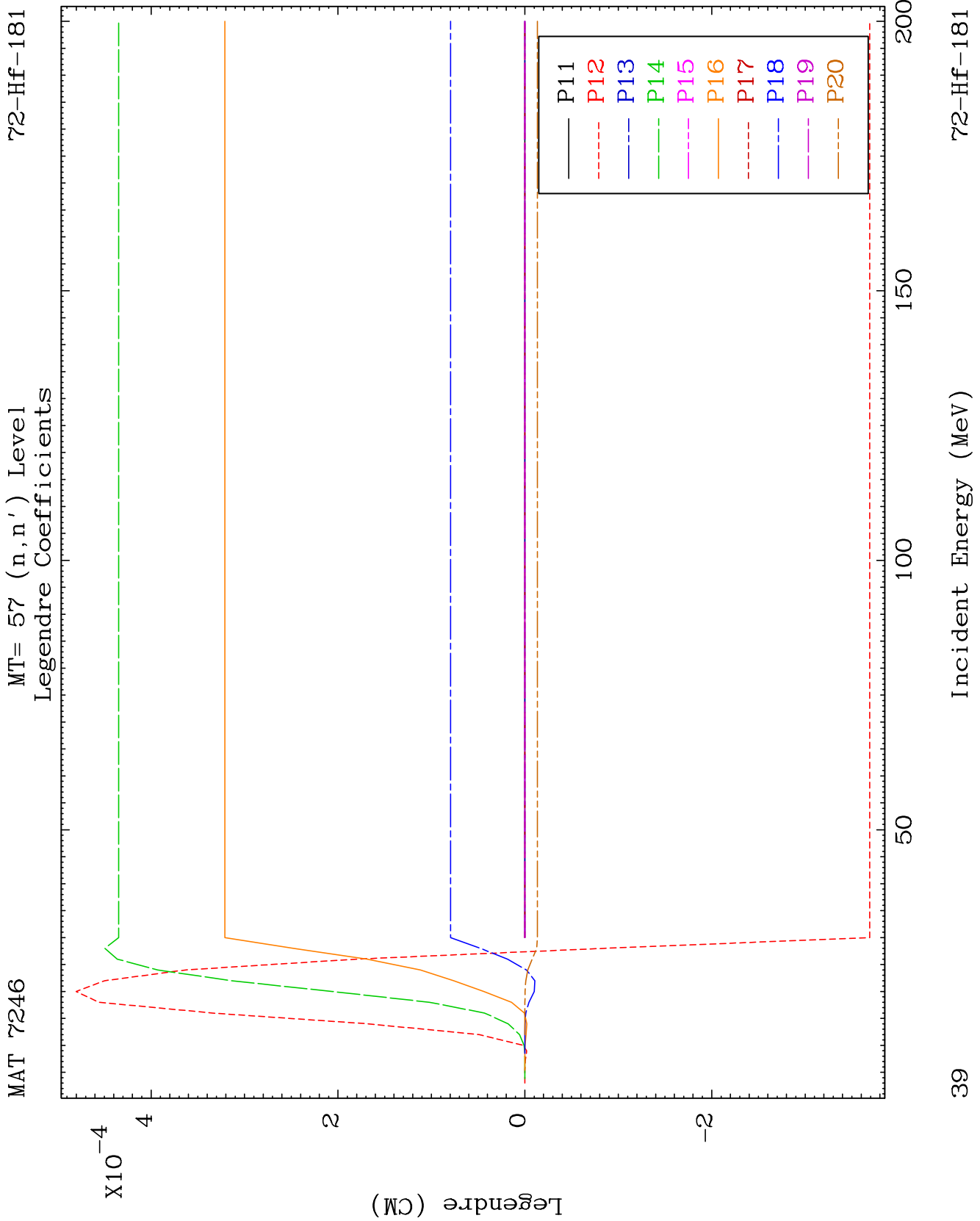
72-Hf-181

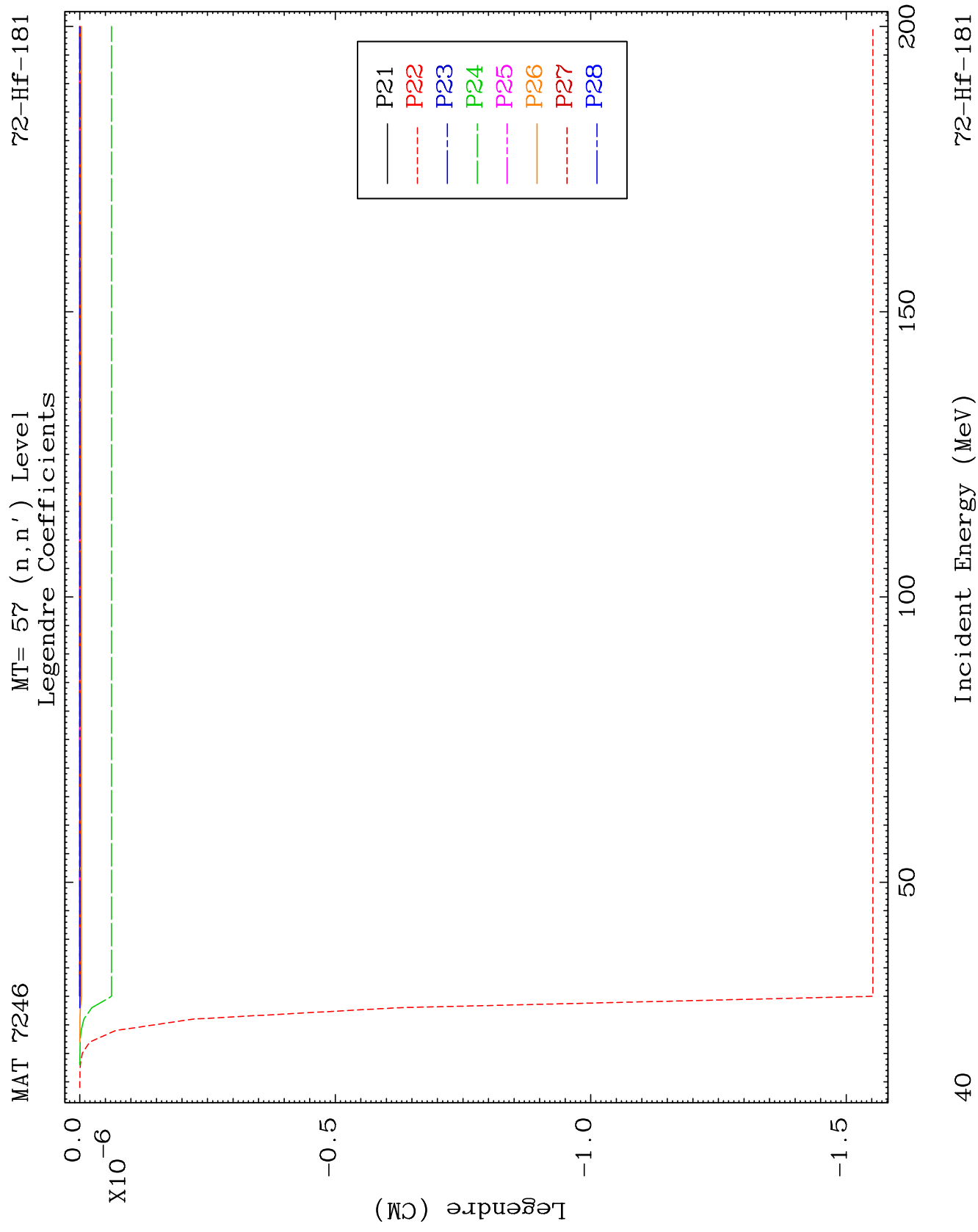
Legendre Coefficients

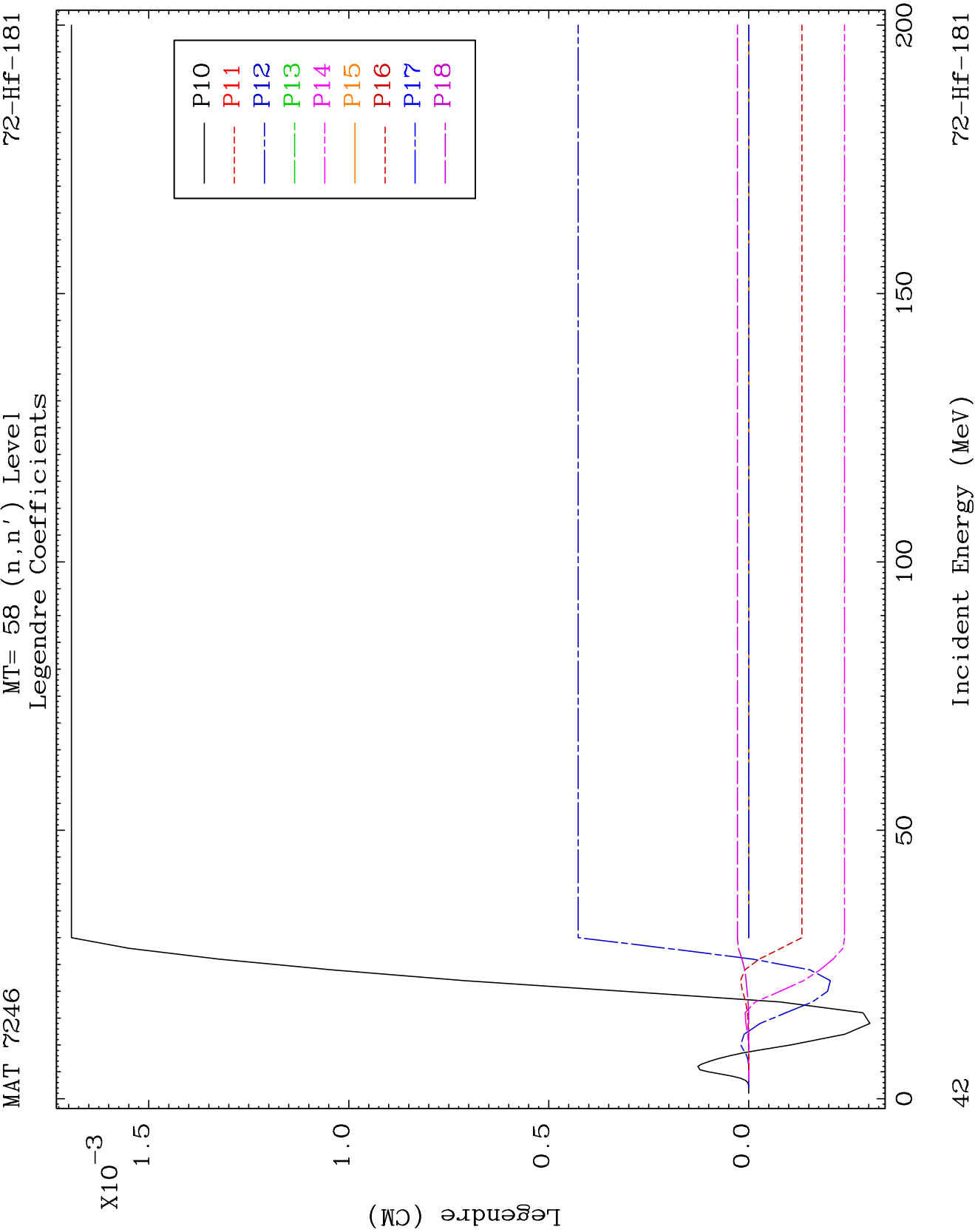


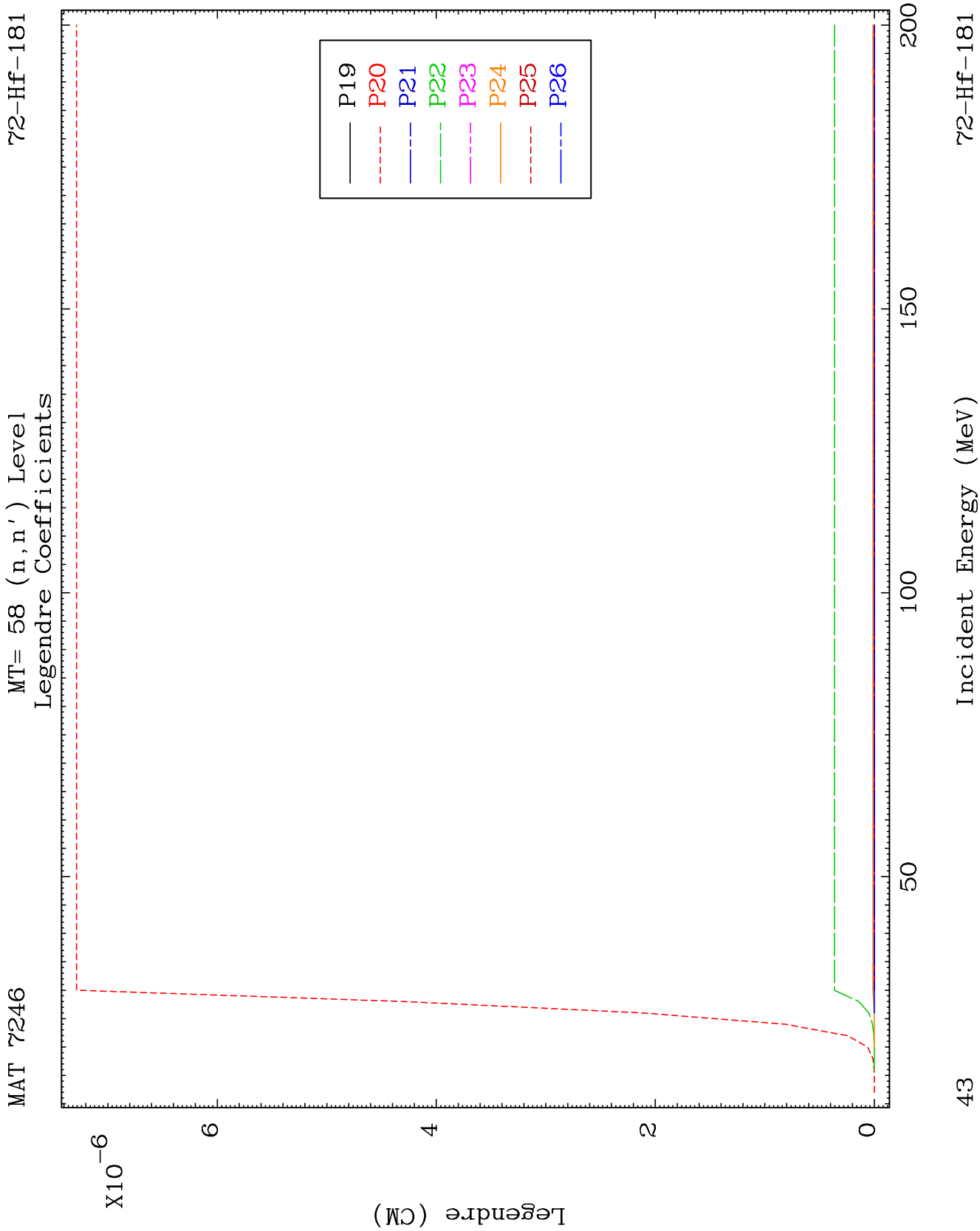








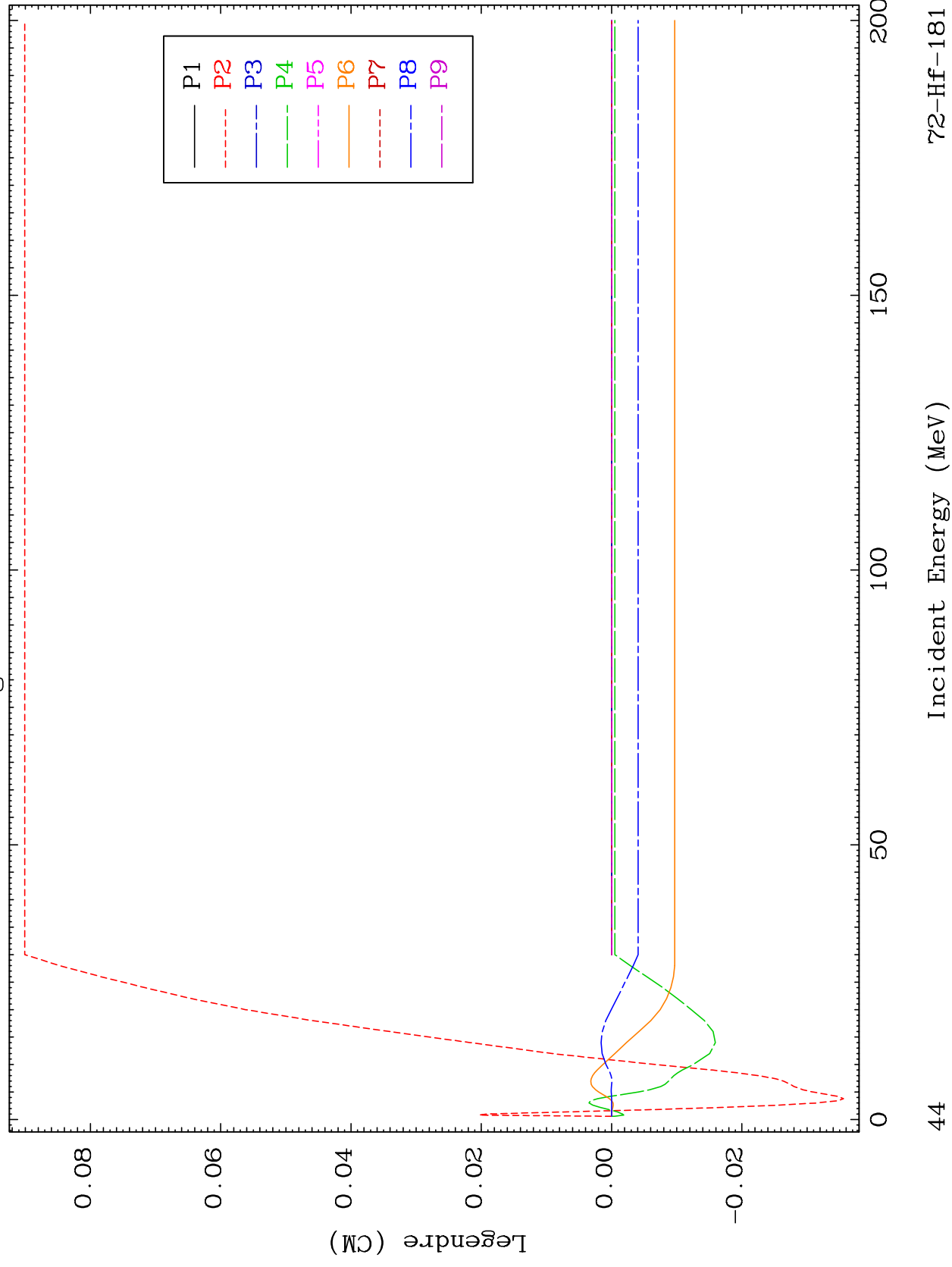


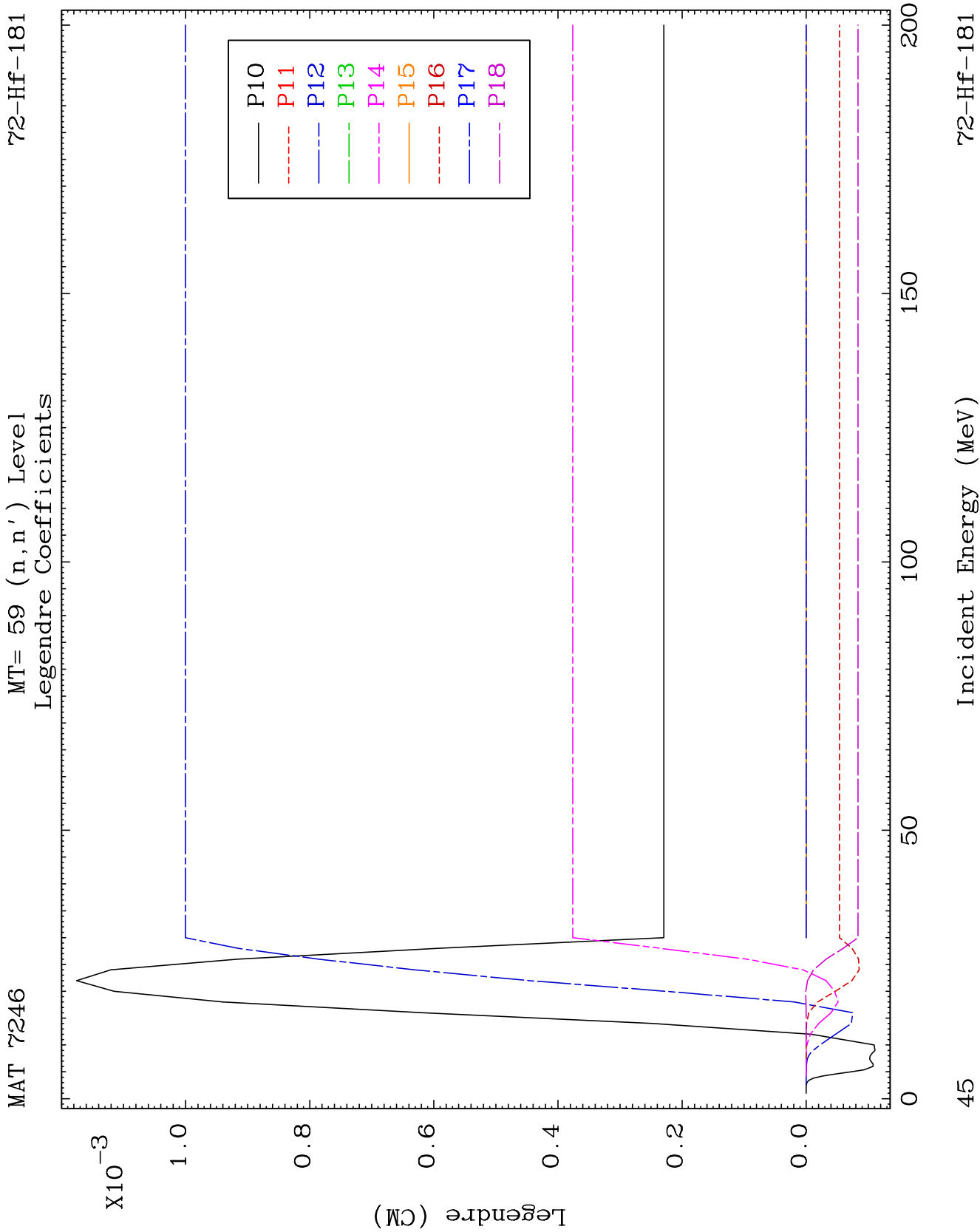


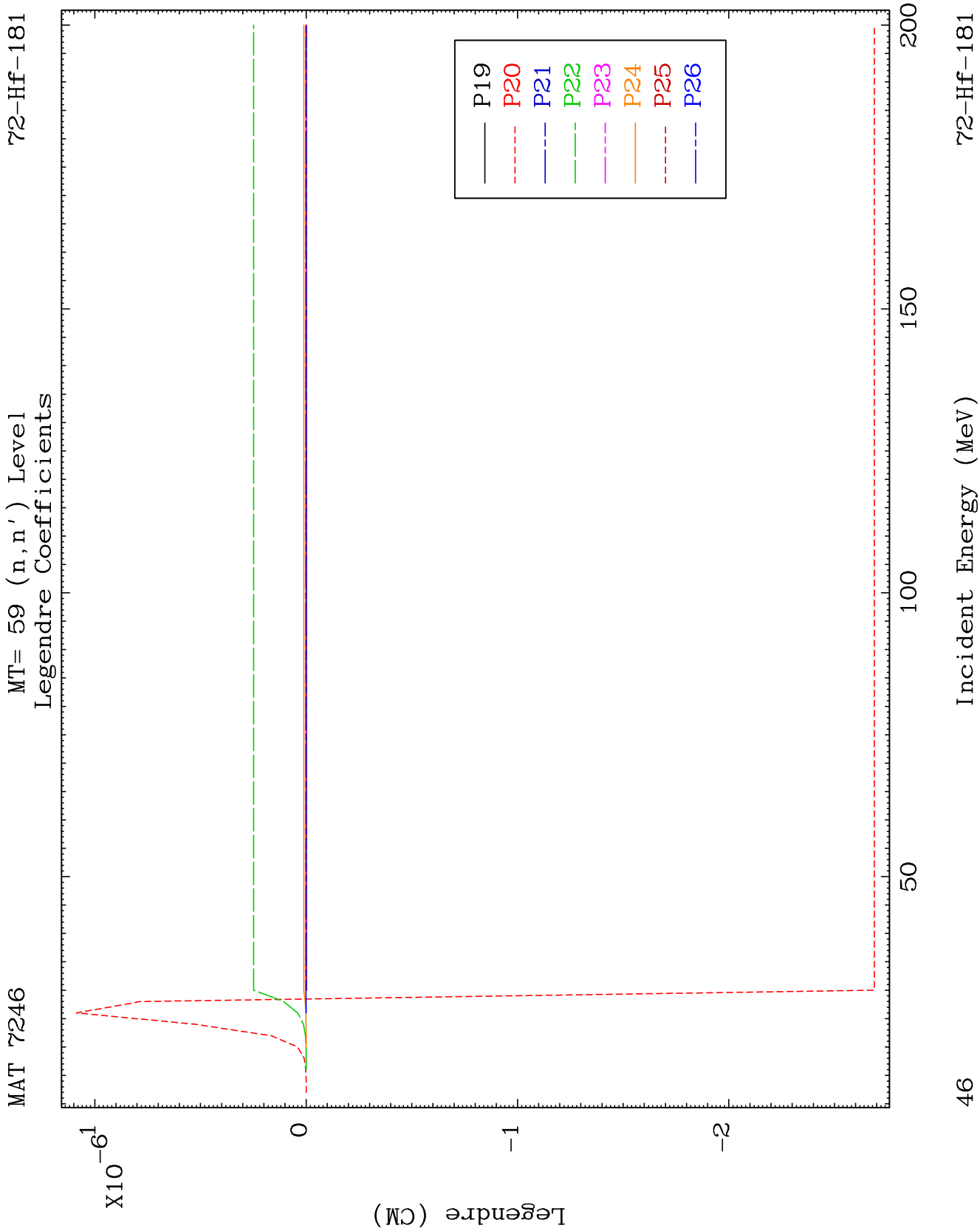
MAT 7246

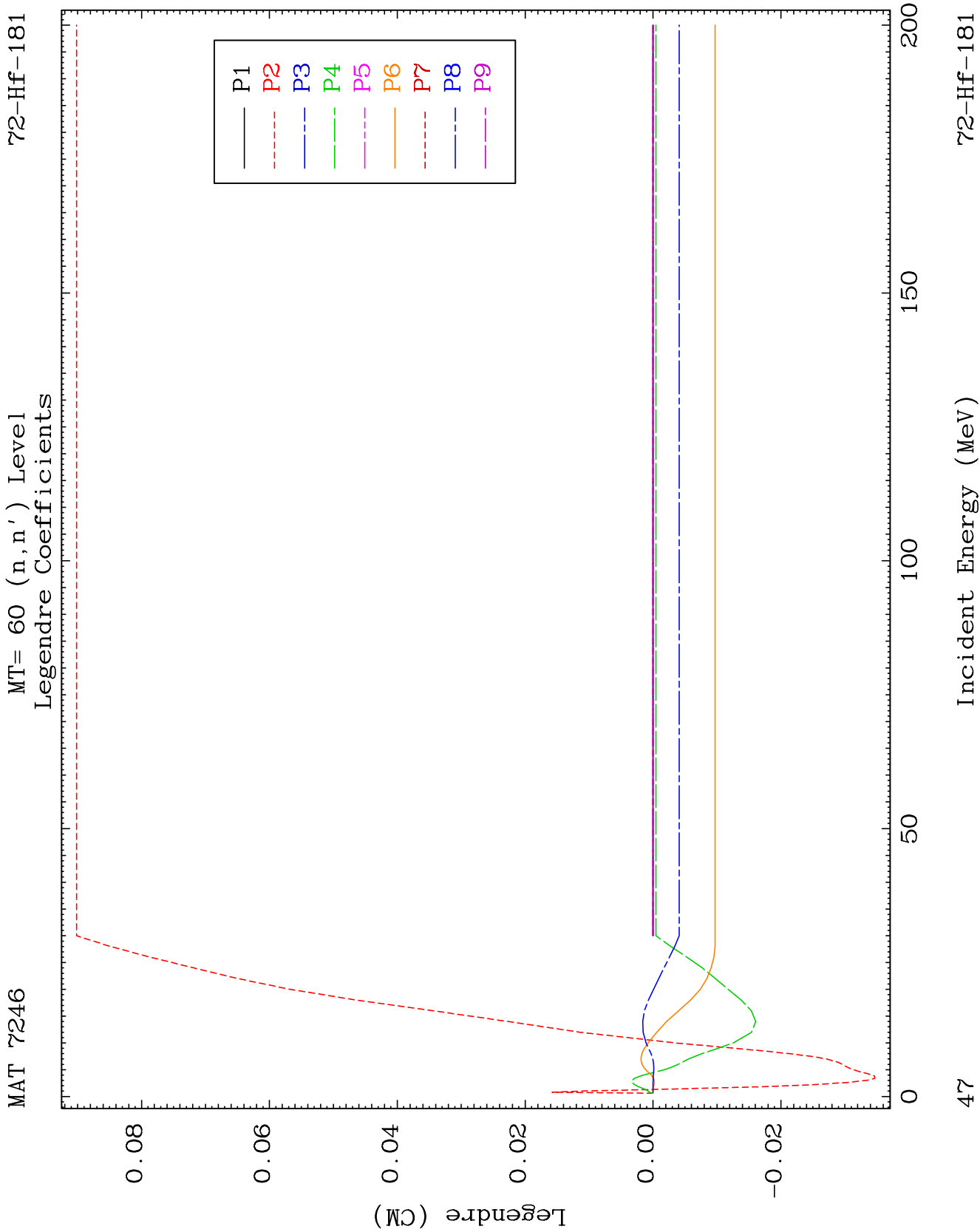
MT= 59 (n, n') Level
Legendre Coefficients

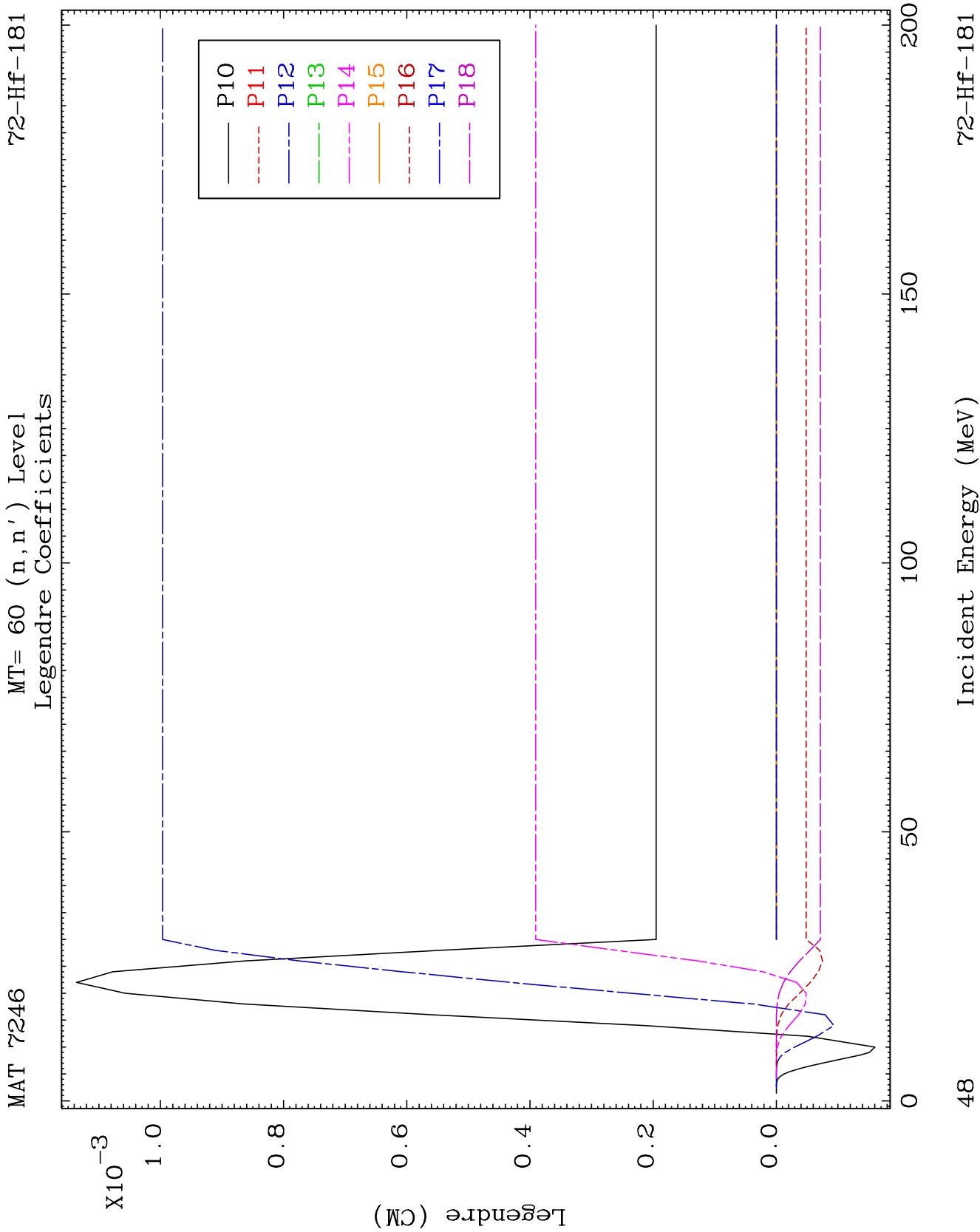
72-Hf-181

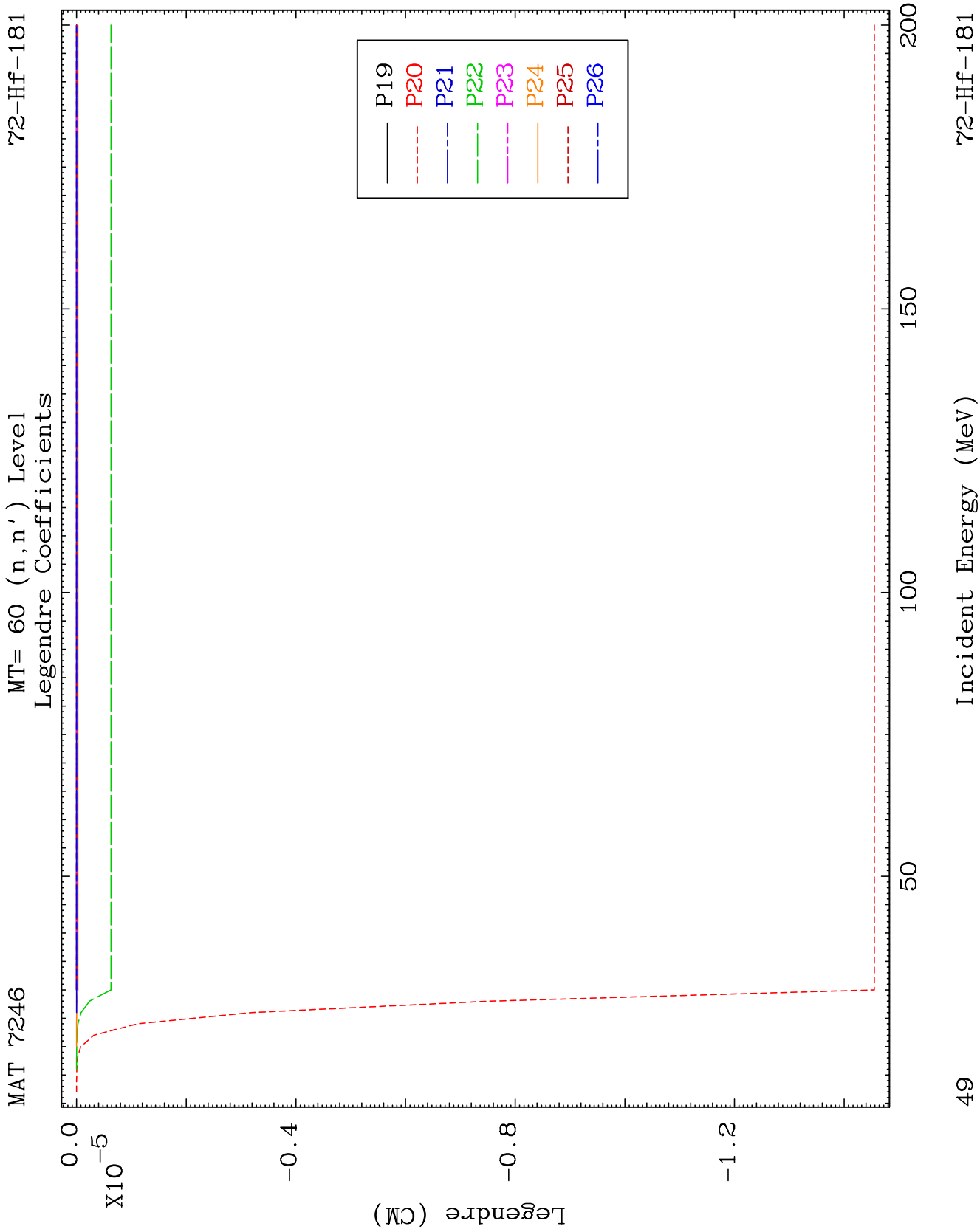








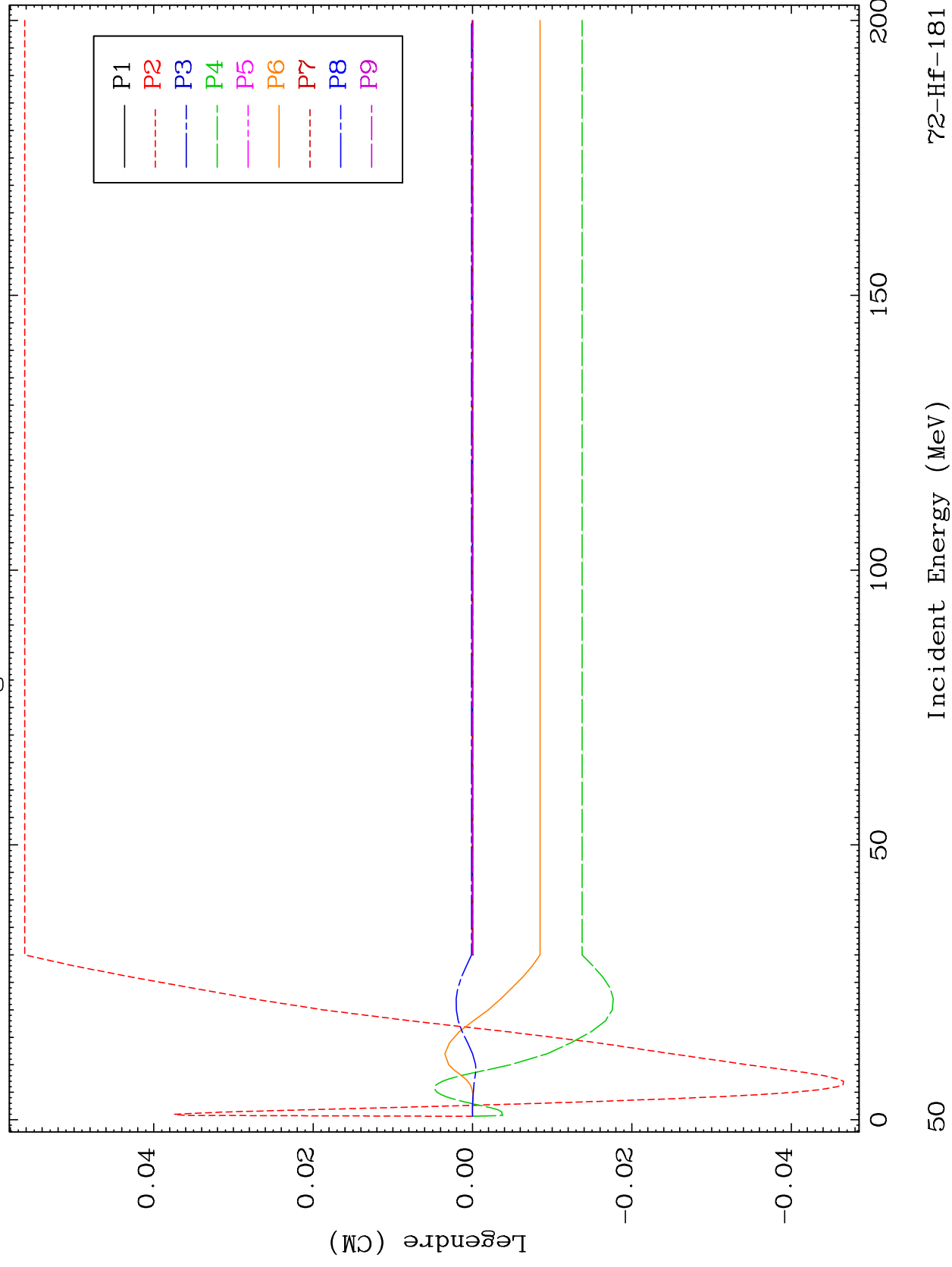


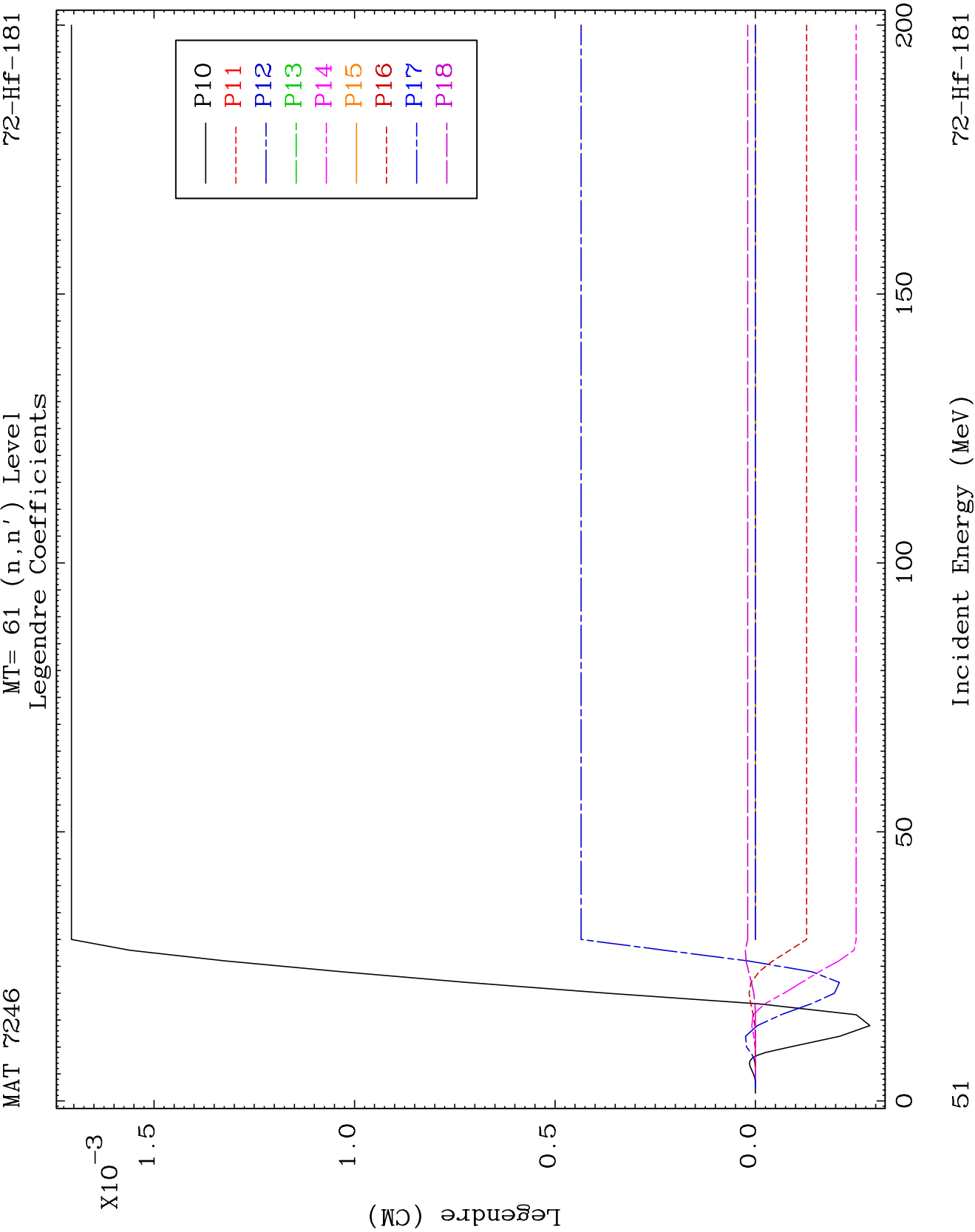


MAT 7246

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

72-Hf-181



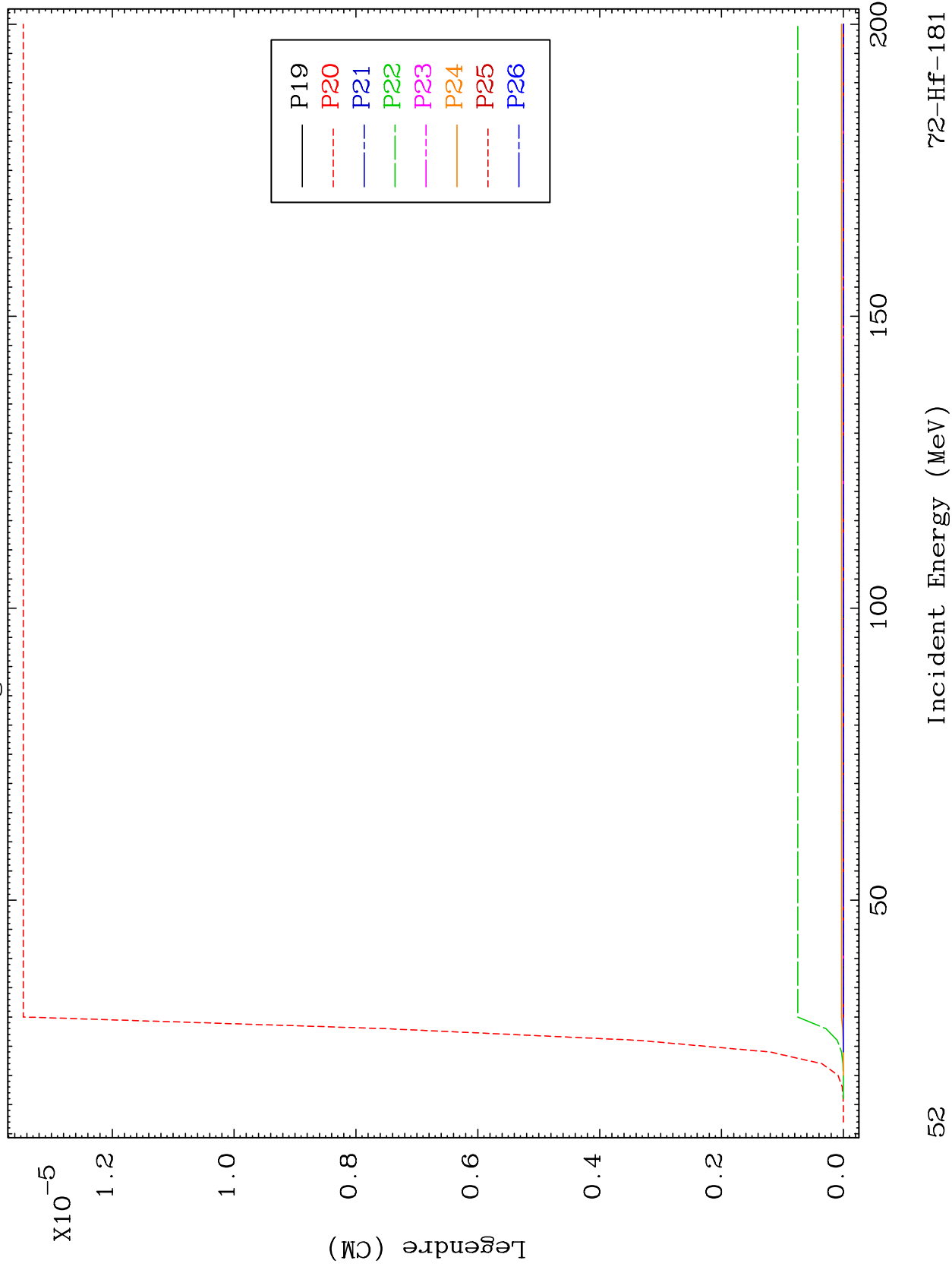


MAT 7246

MT= 61 (n, n') Level

72-Hf-181

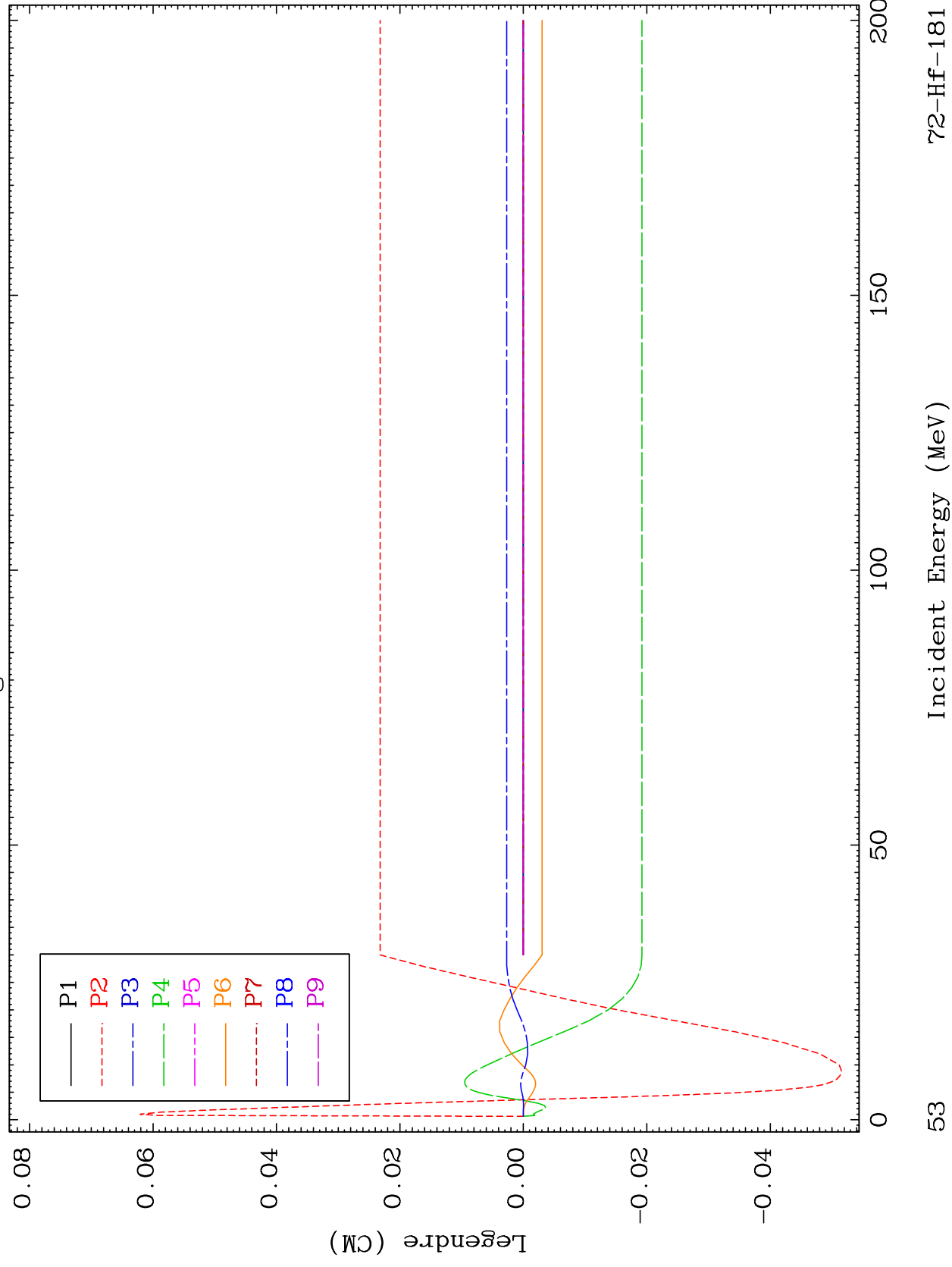
Legendre Coefficients

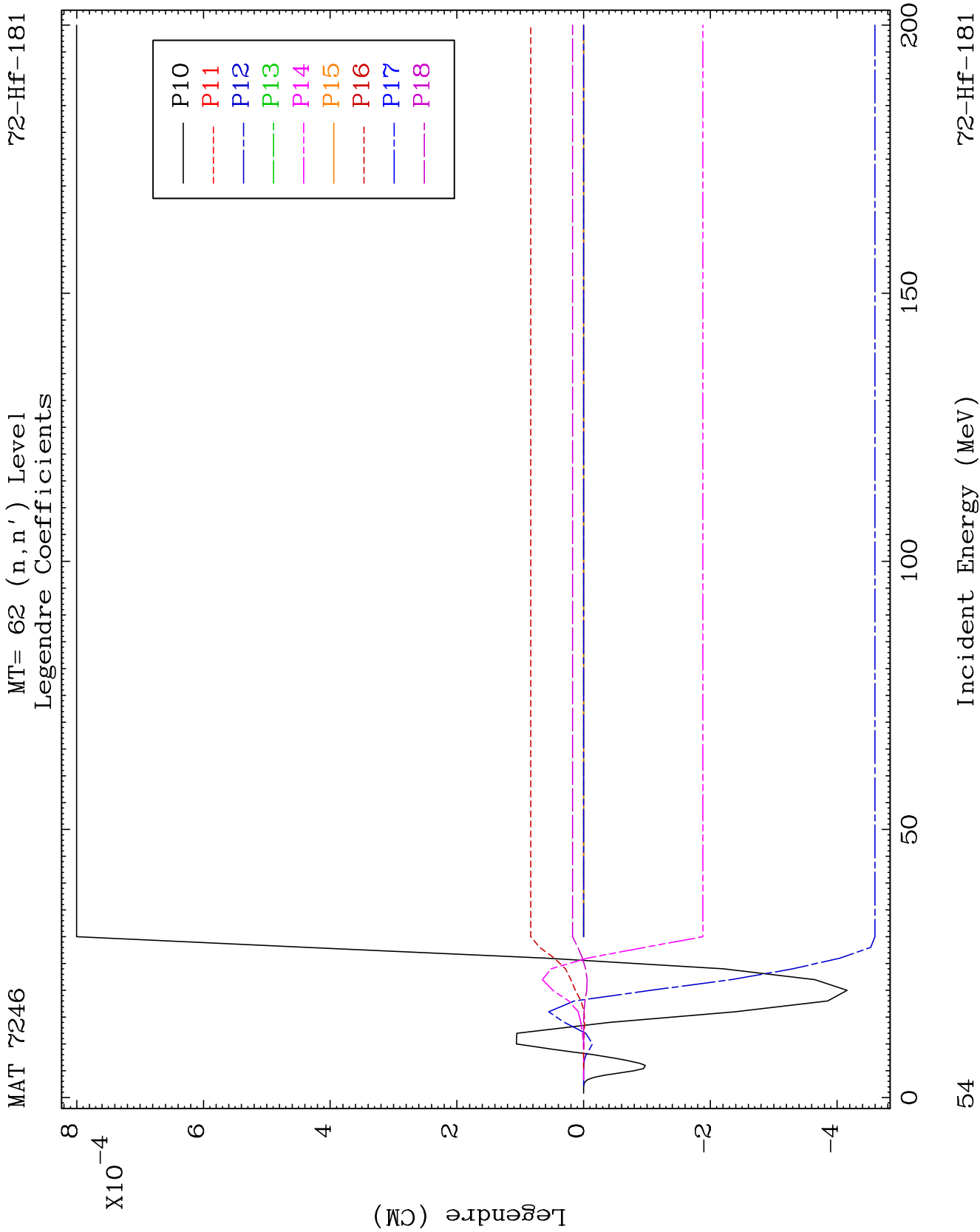


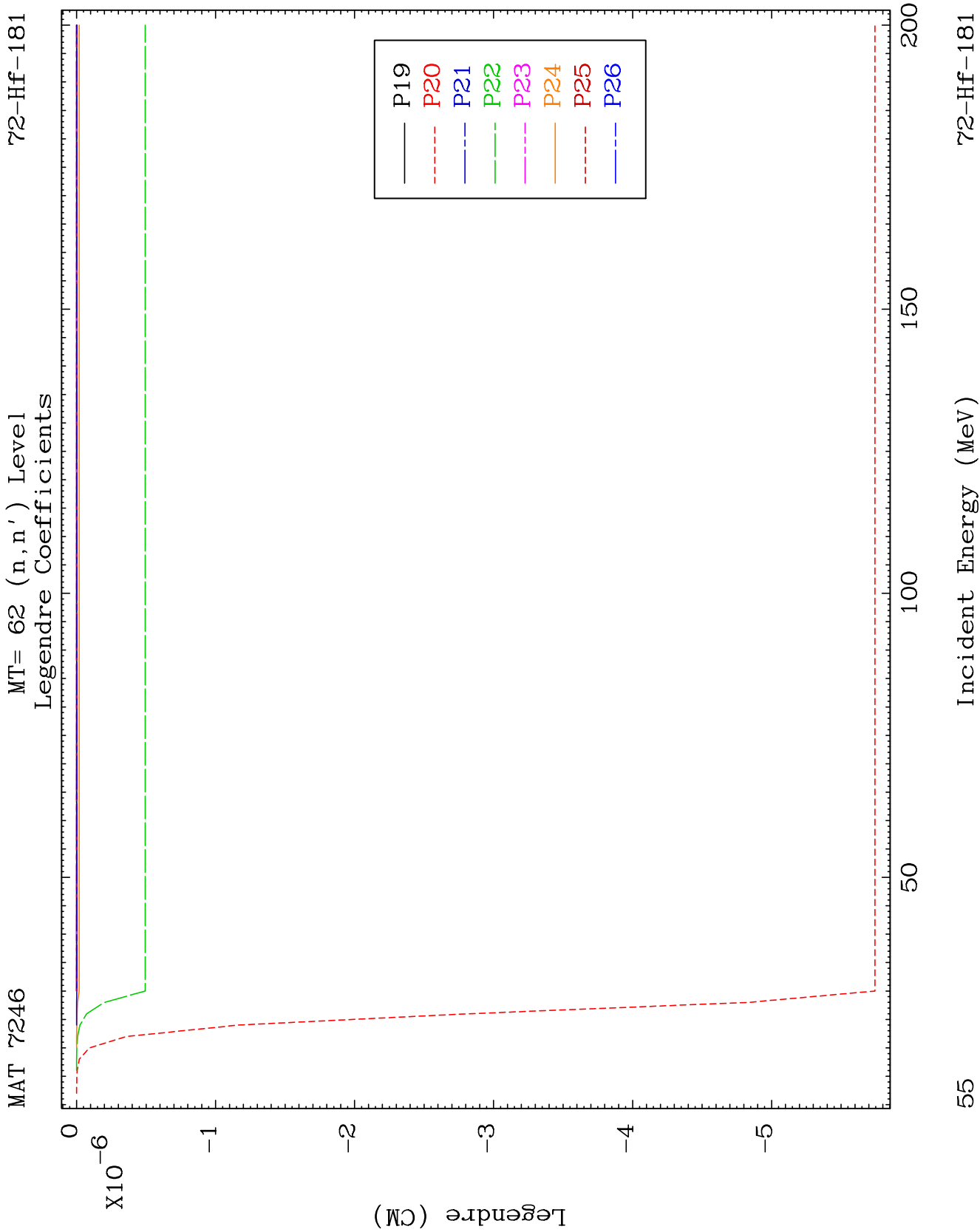
MAT 7246

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

72-Hf-181





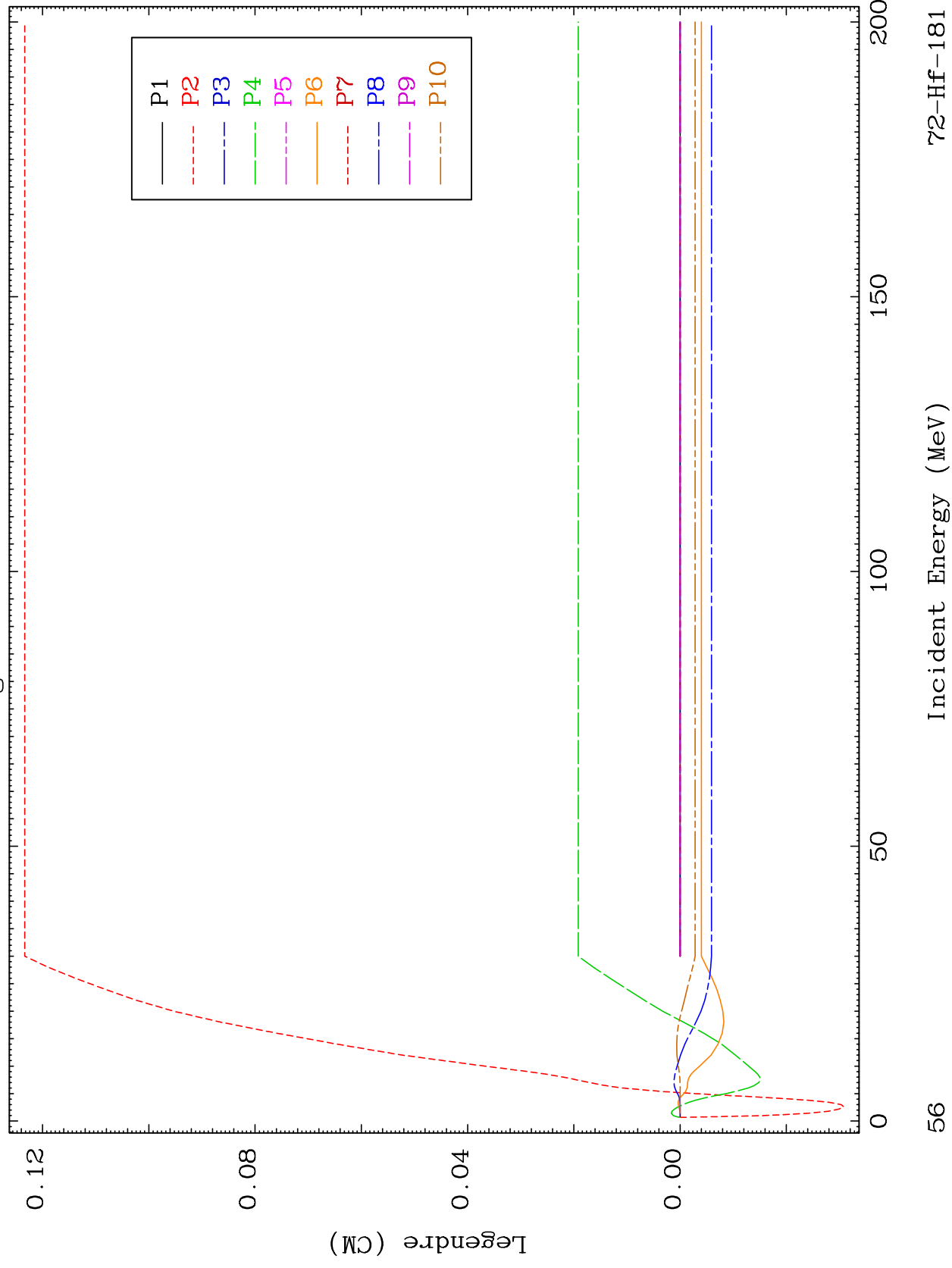


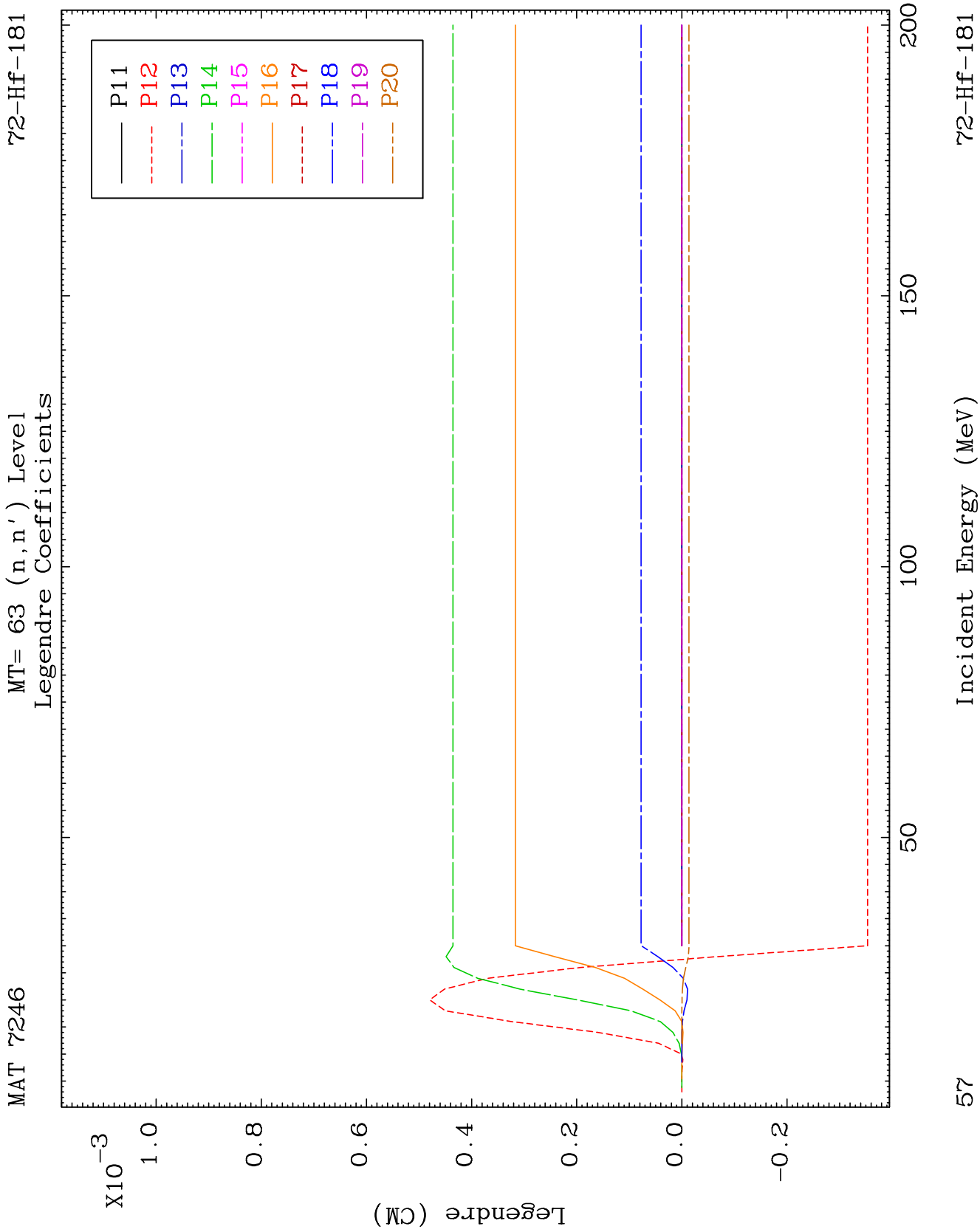
MAT 7246

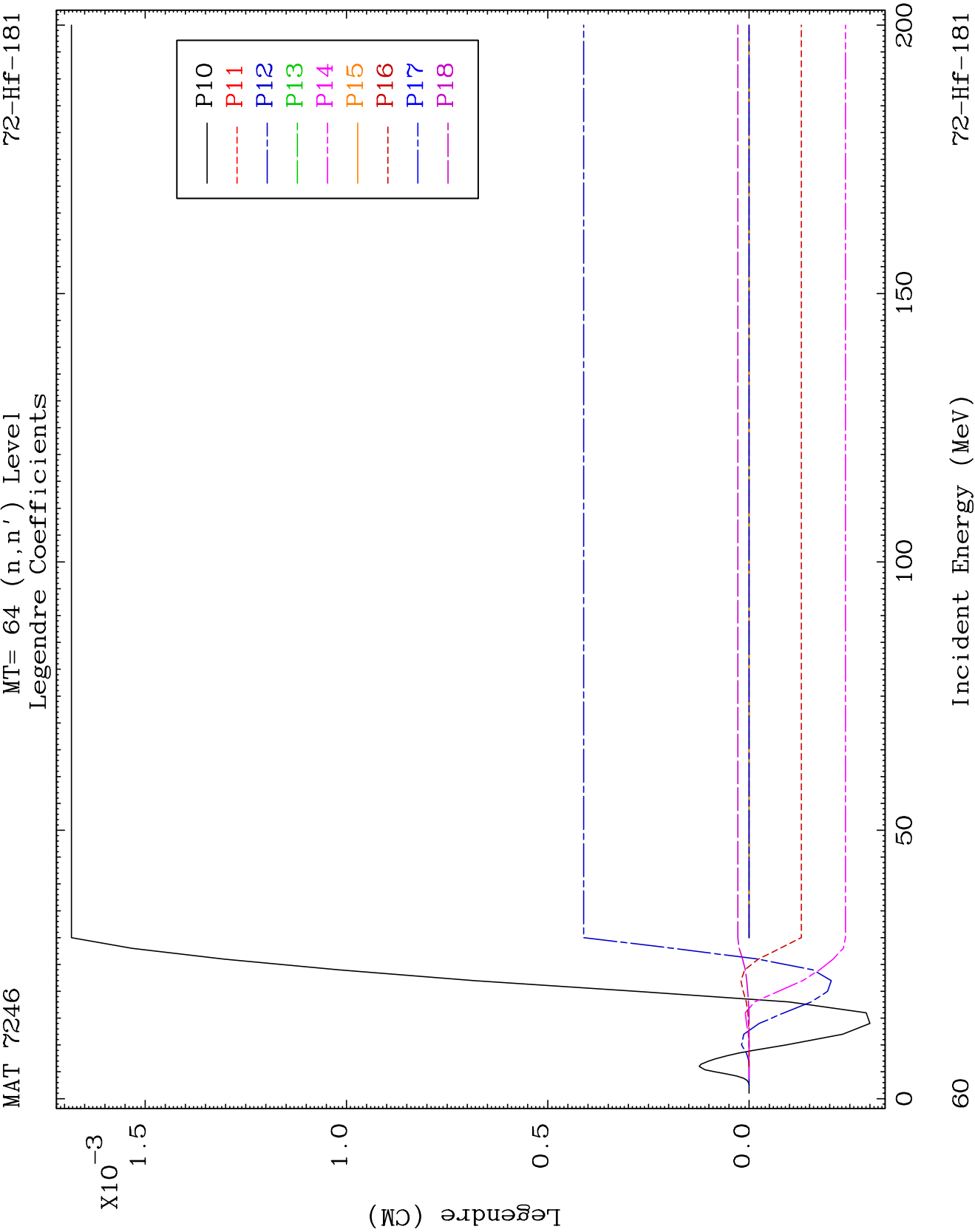
MT= 63 (n, n') Level

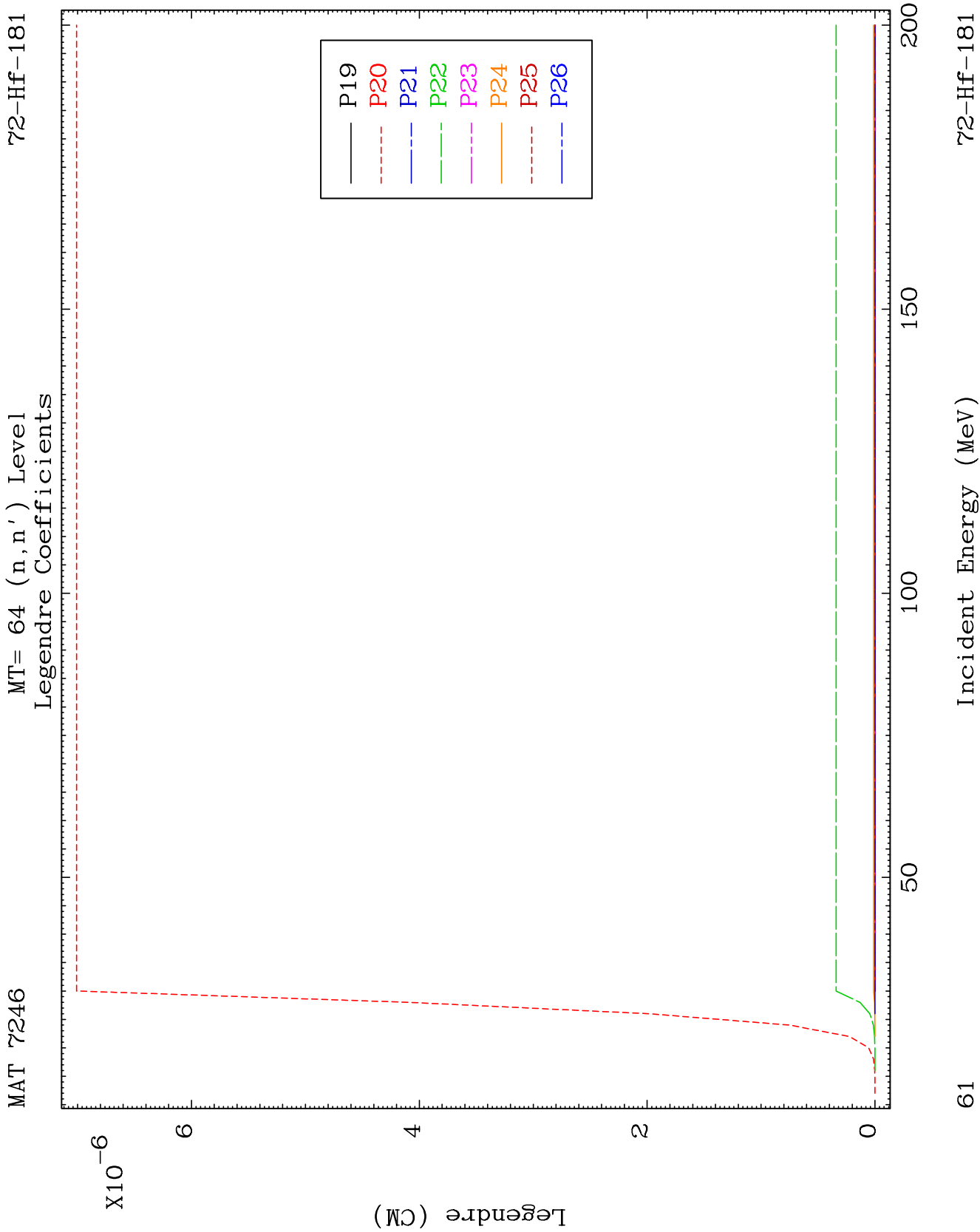
72-Hf-181

Legendre Coefficients





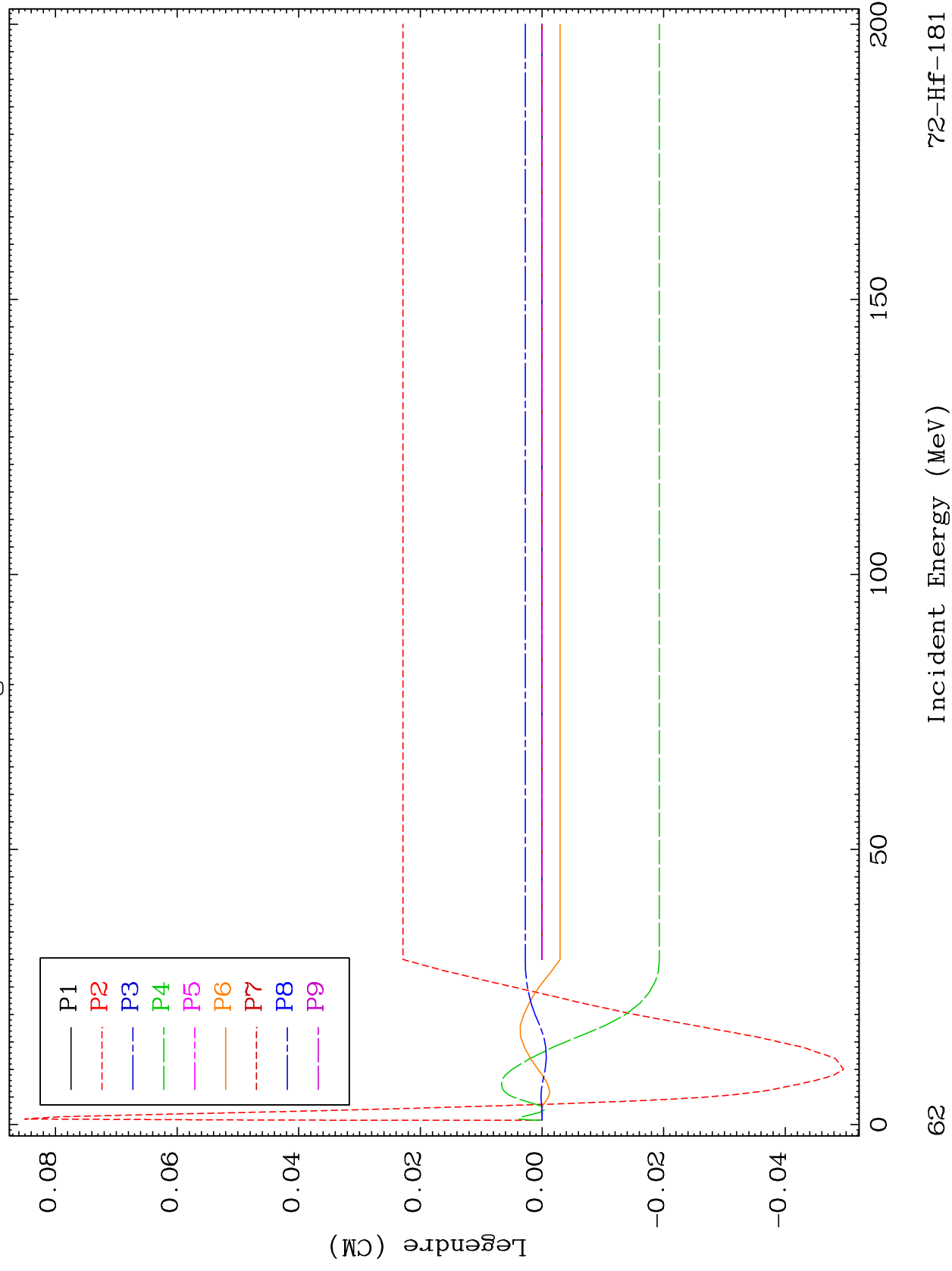




MAT 7246

MT= 65 (n, n') Level
Legendre Coefficients

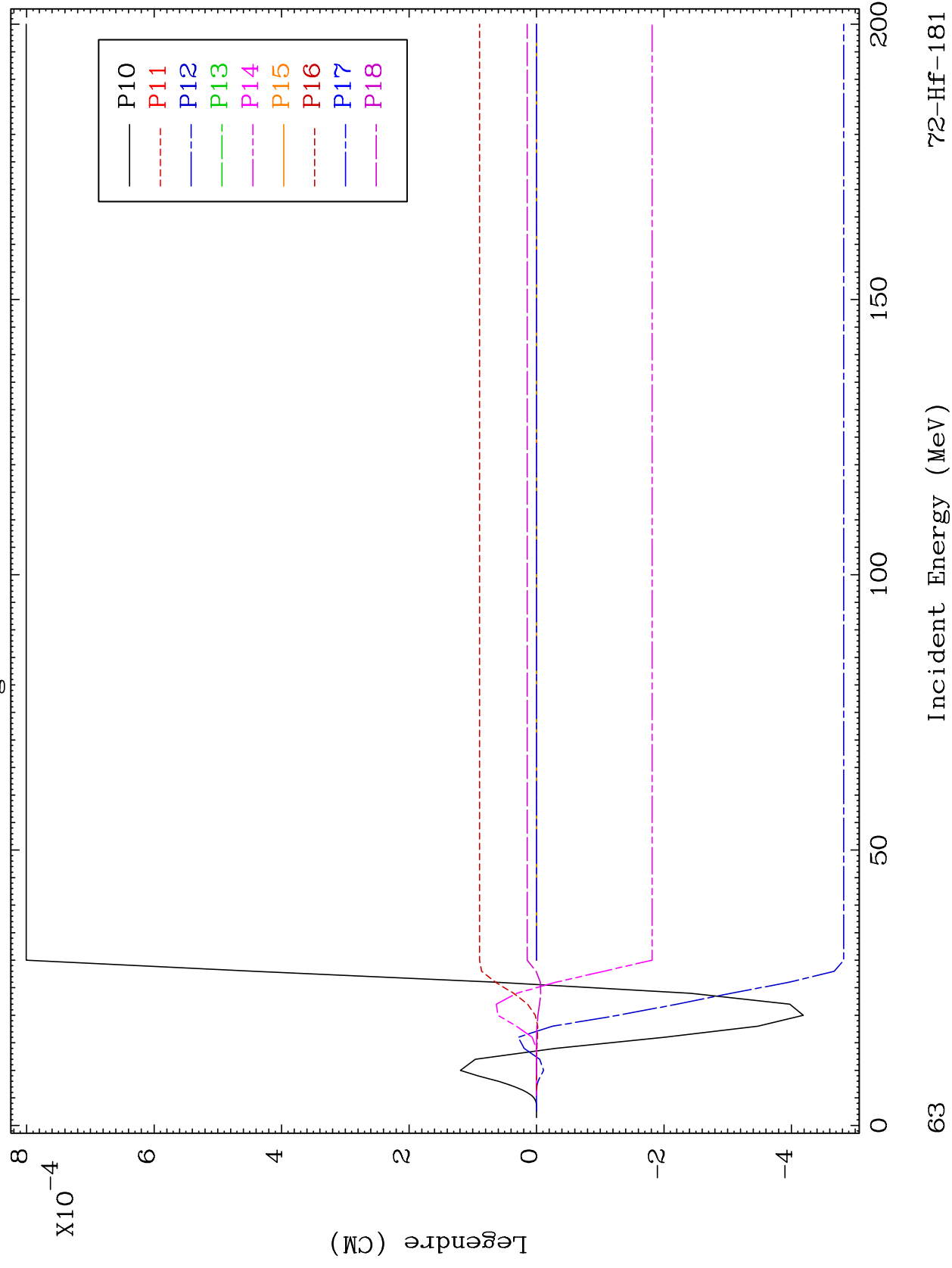
72-Hf-181

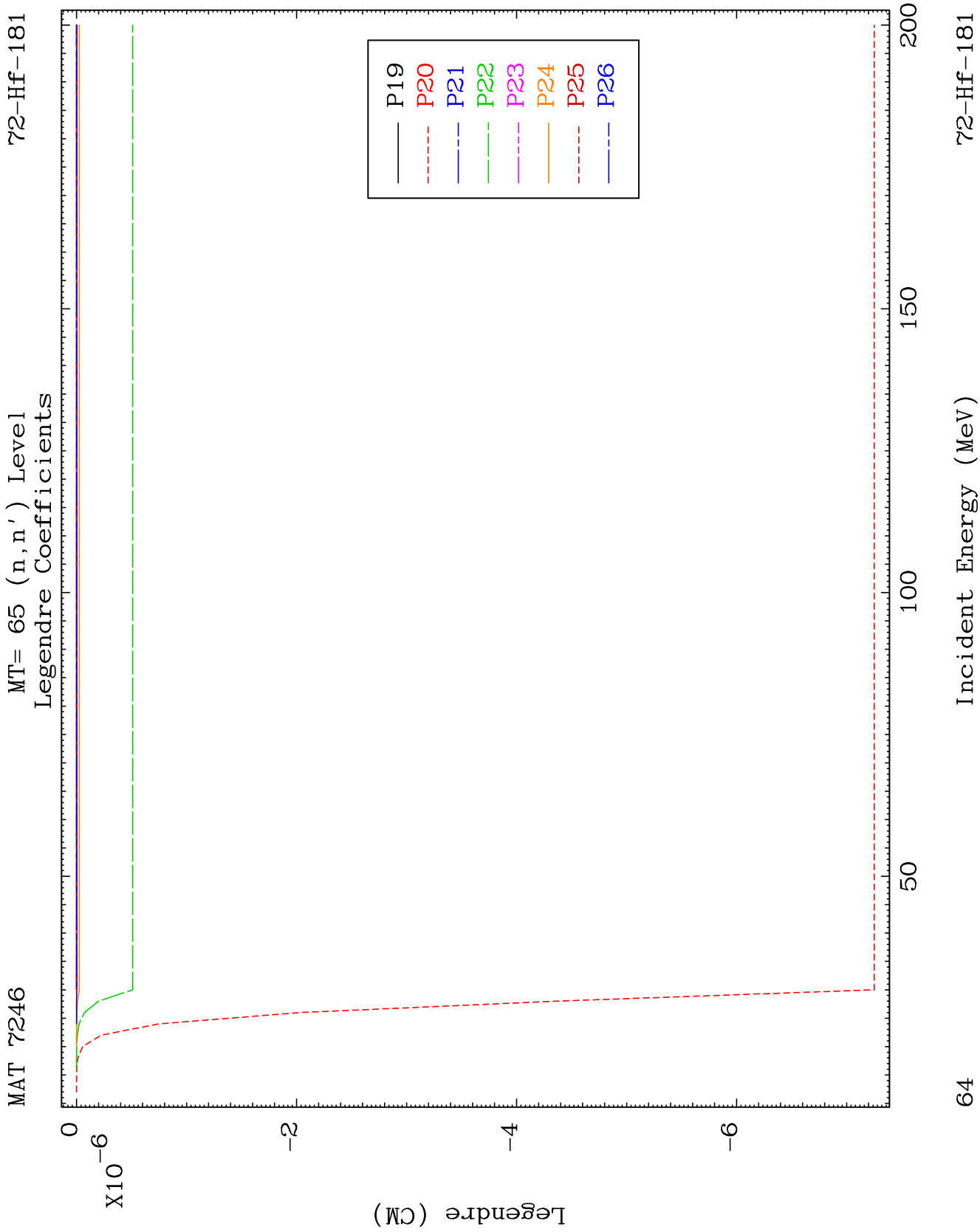


MAT 7246

MT= 65 (n, n') Level
Legendre Coefficients

72-Hf-181

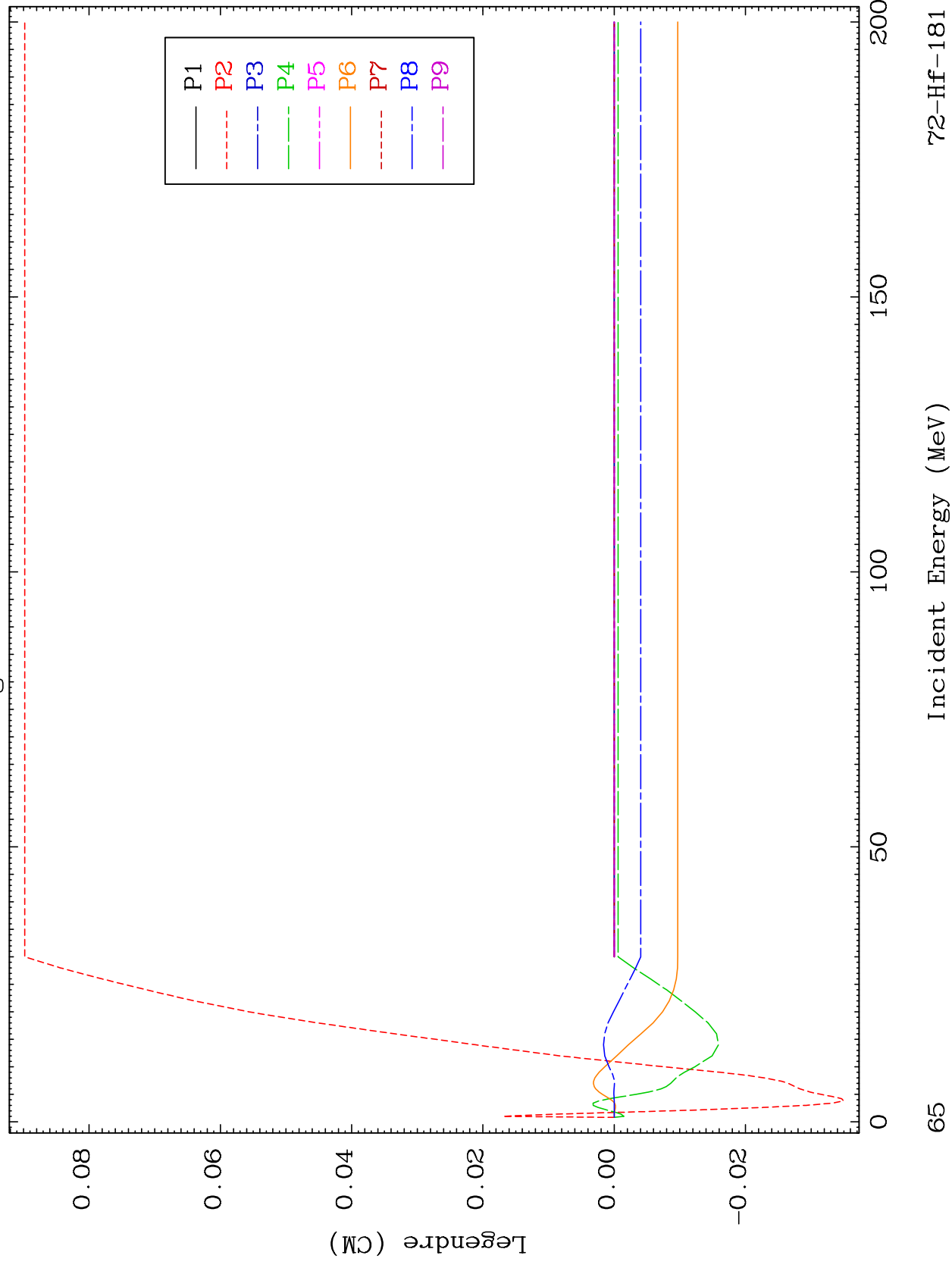


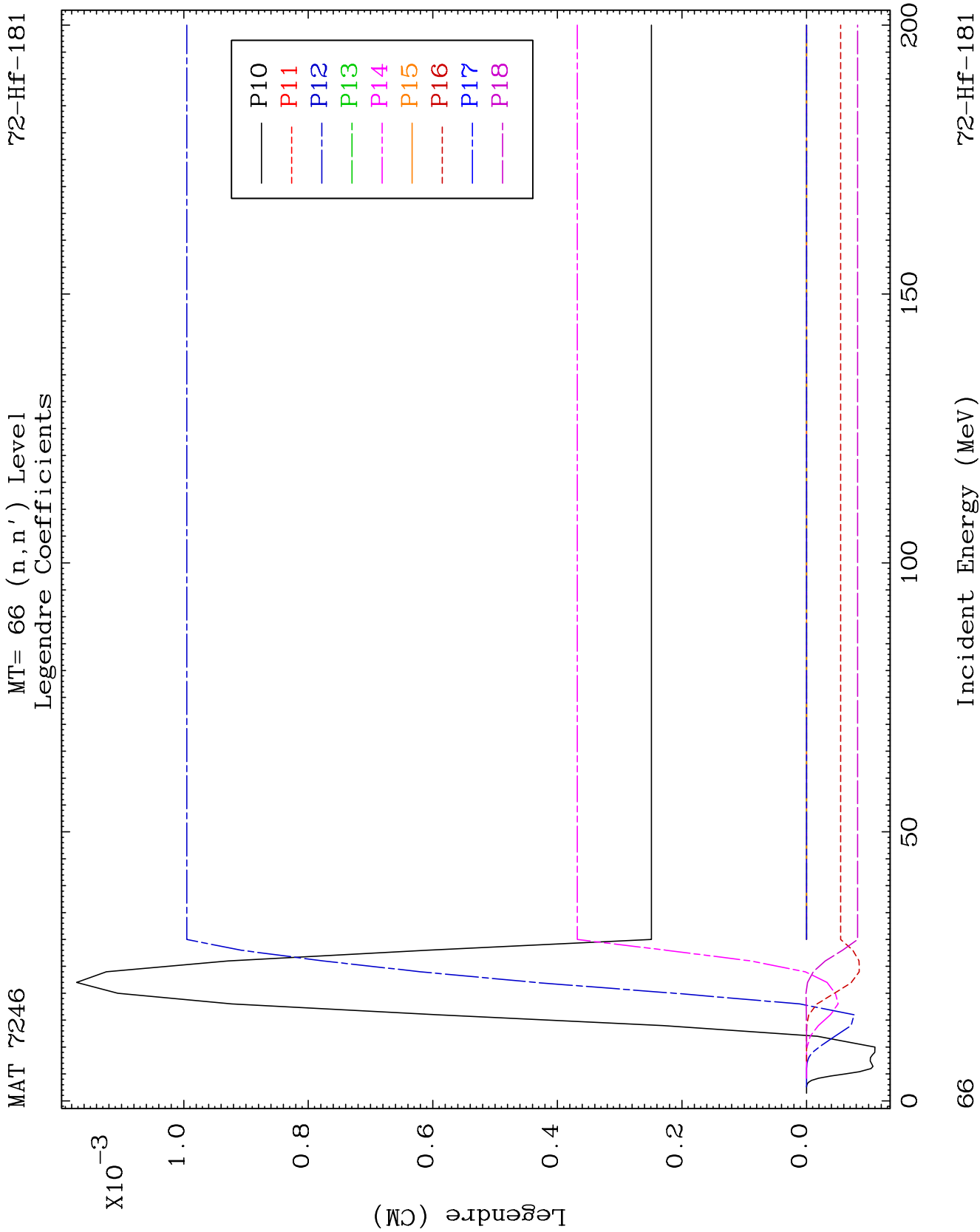


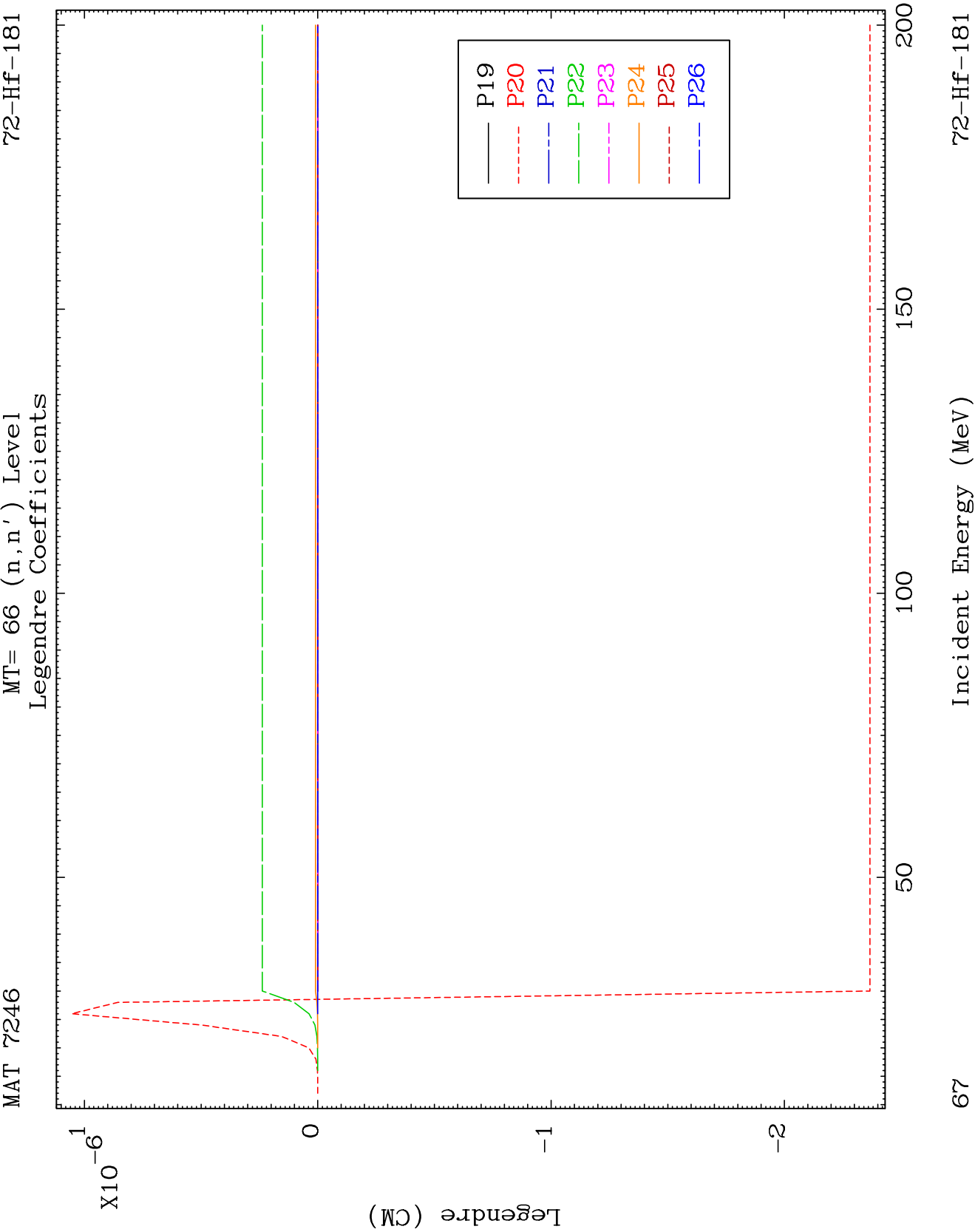
MAT 7246

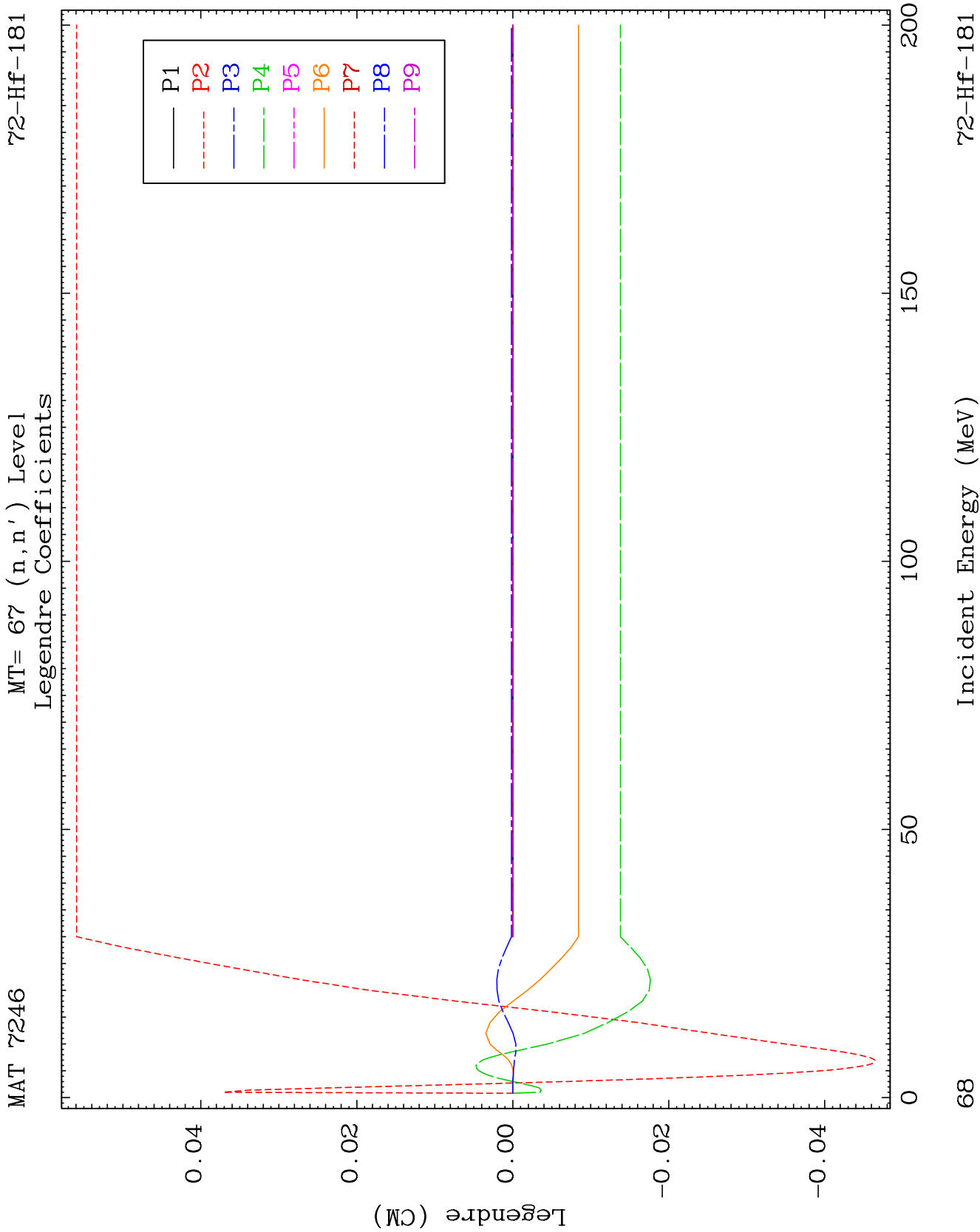
MT= 66 (n, n') Level
Legendre Coefficients

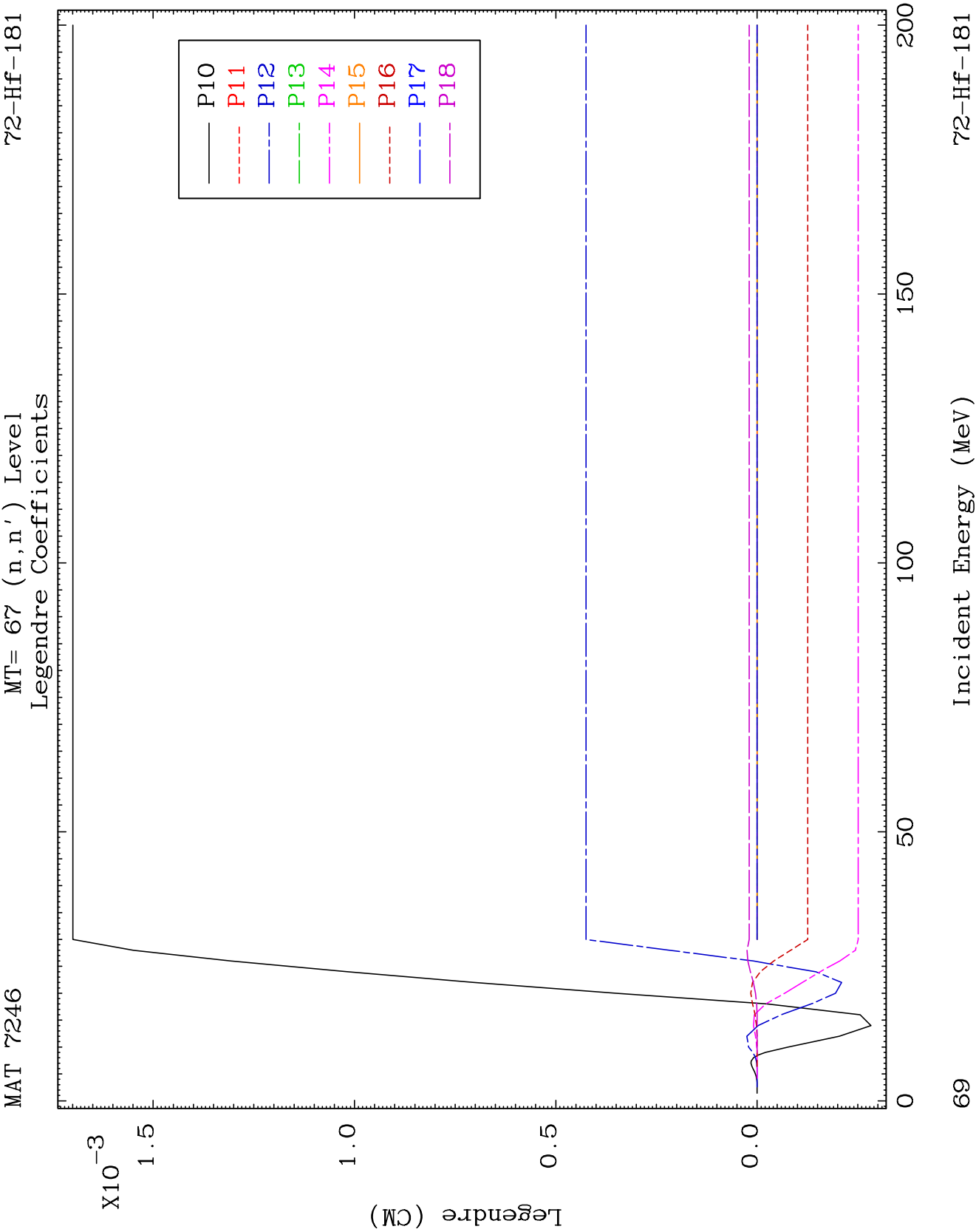
72-Hf-181







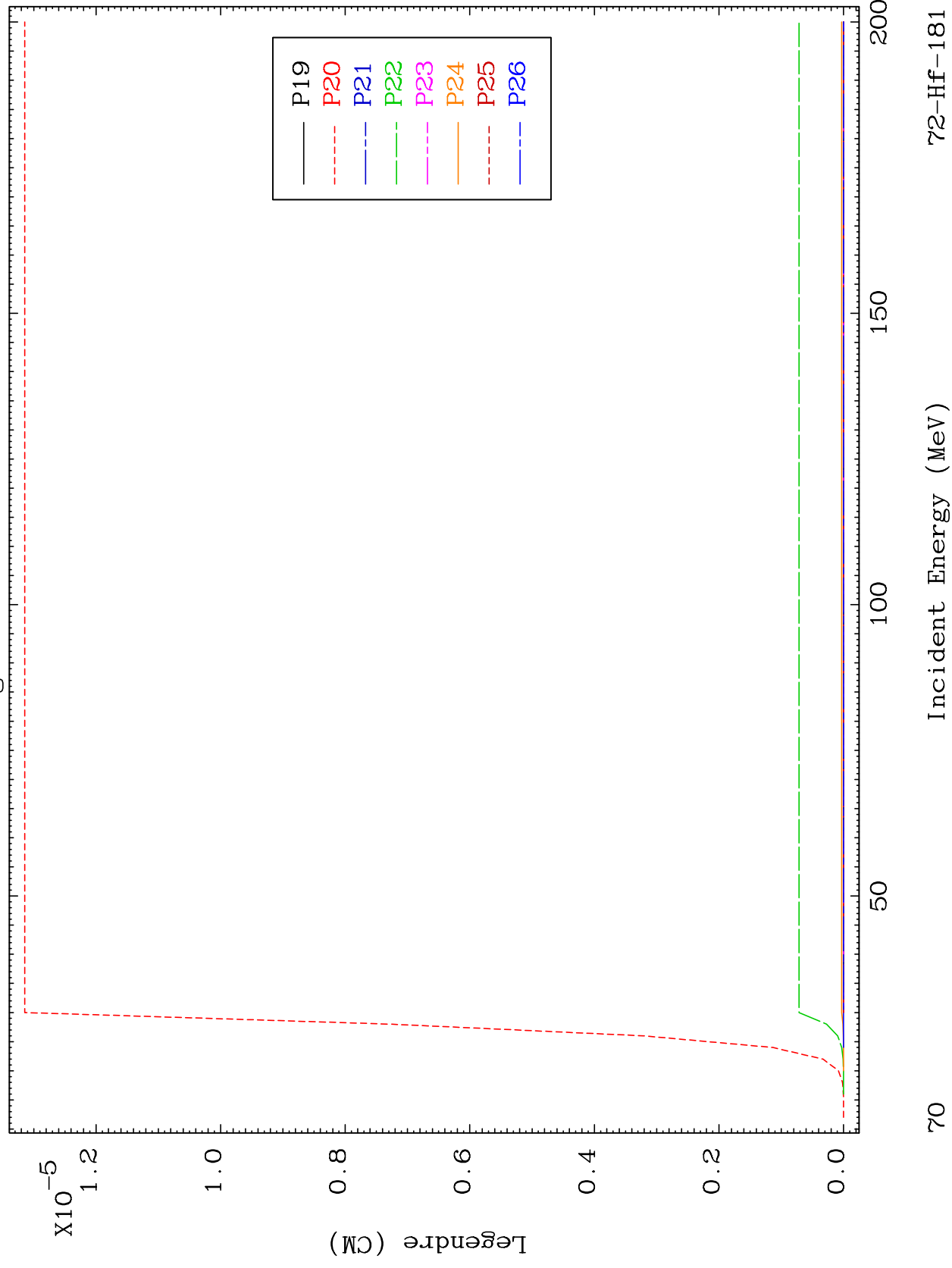


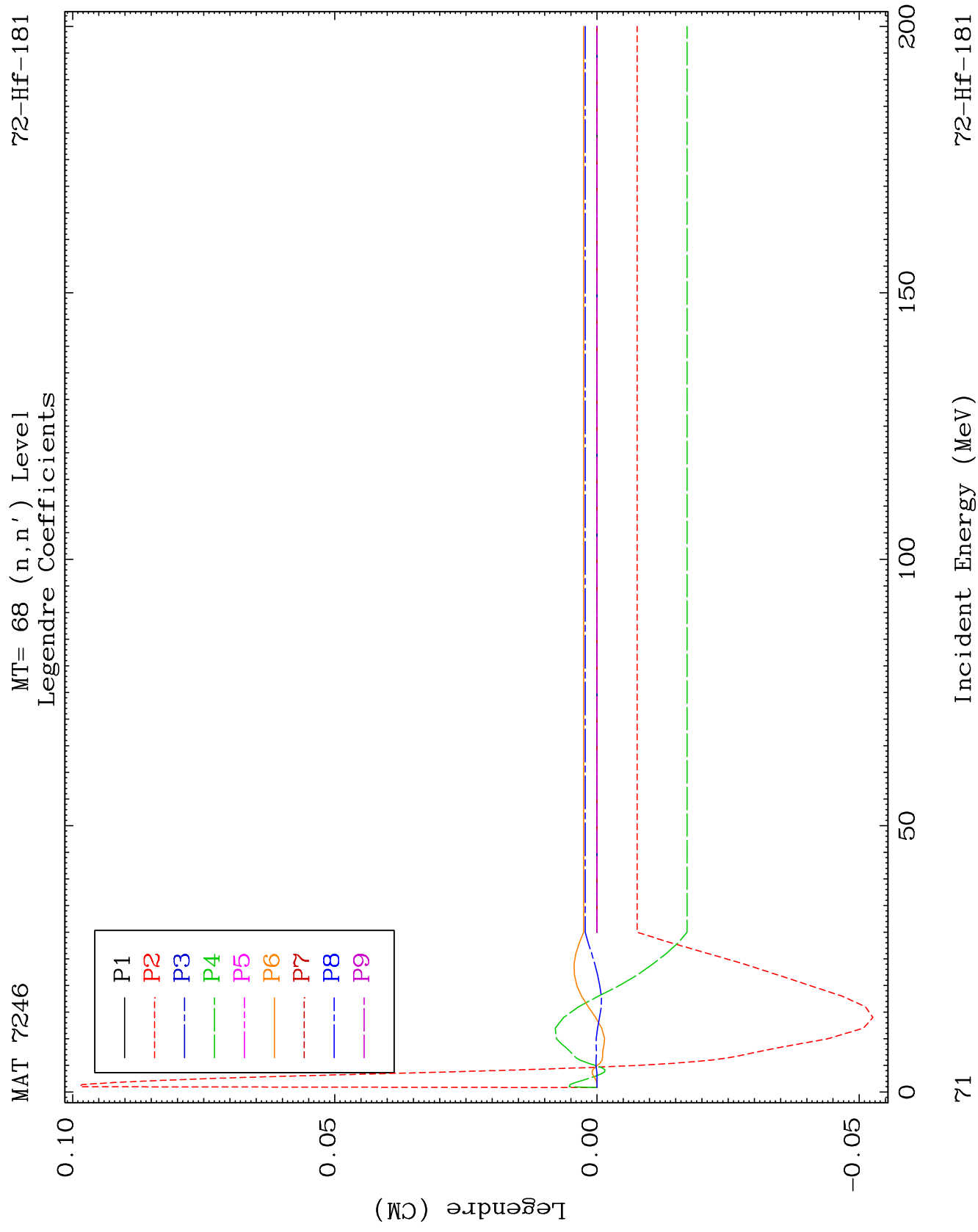


MAT 7246

MT= 67 (n, n') Level
Legendre Coefficients

72-Hf-181

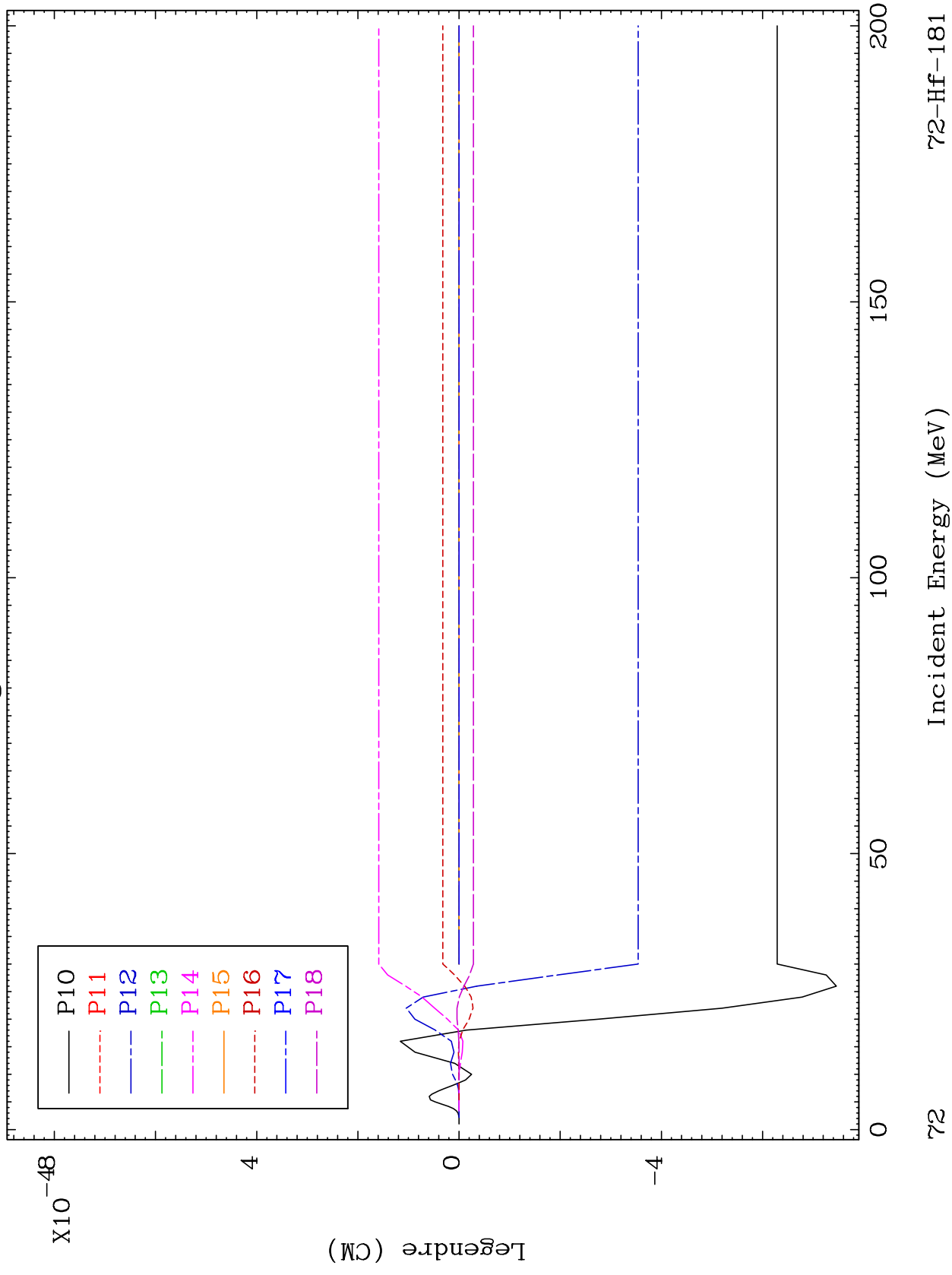


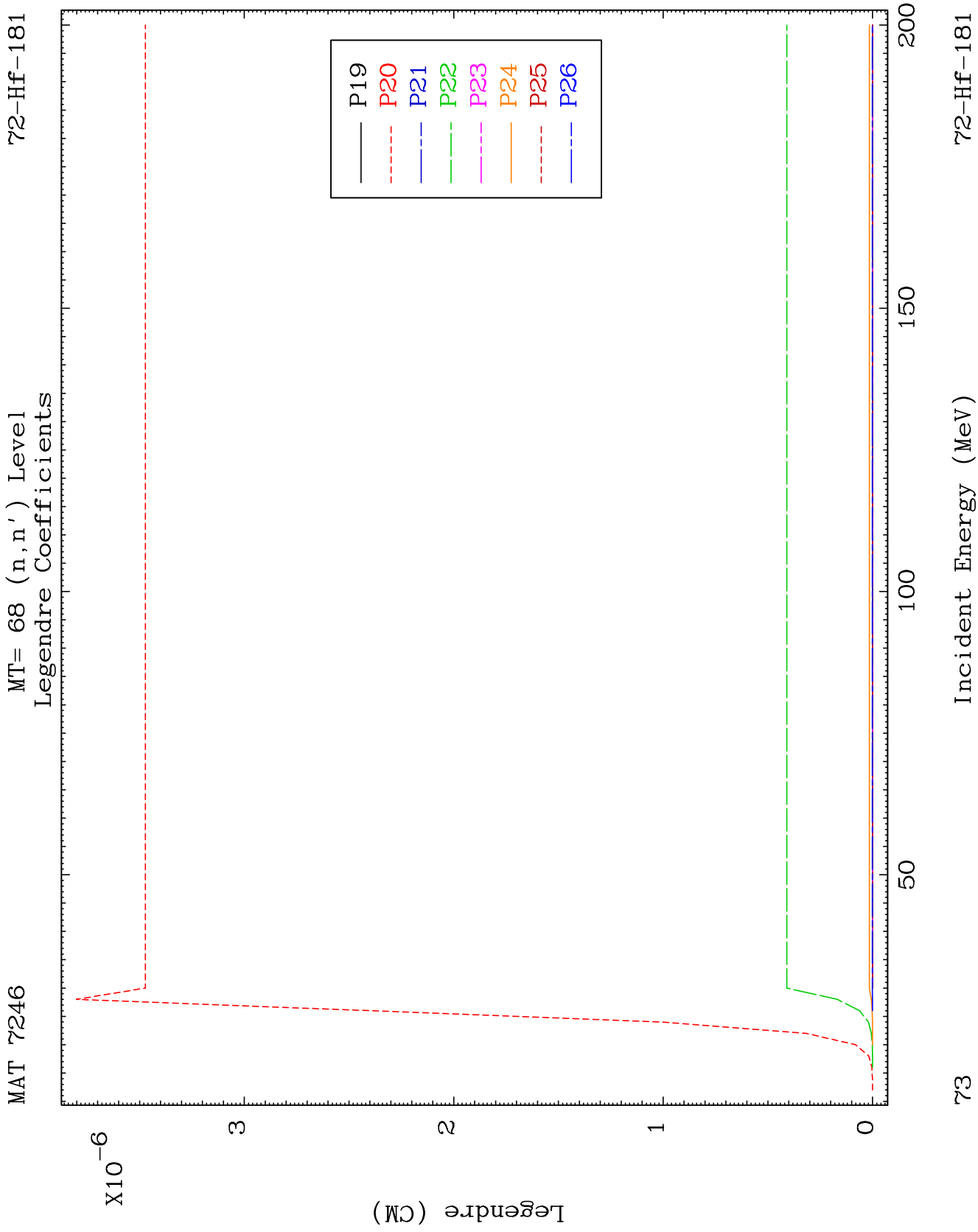


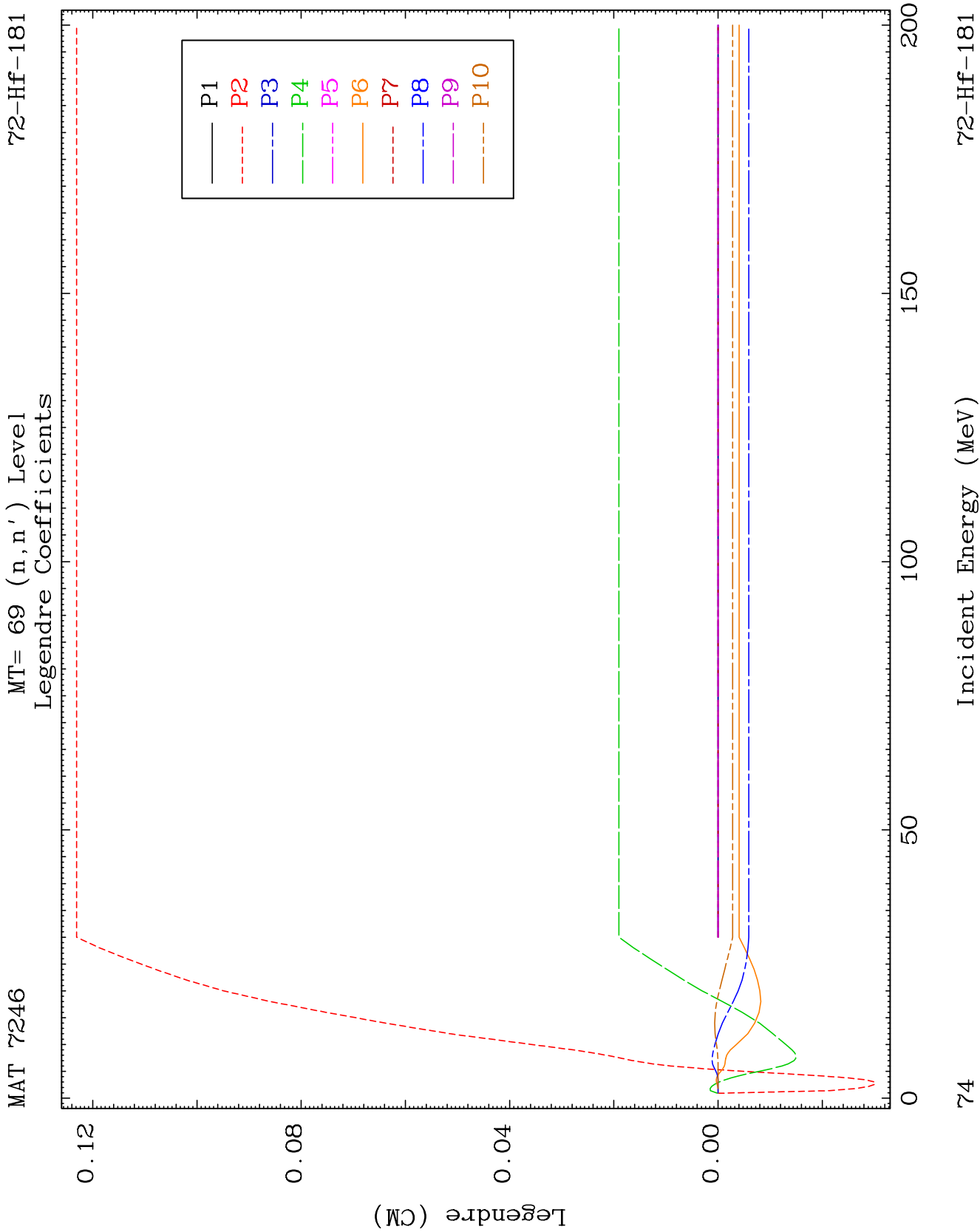
MAT 7246

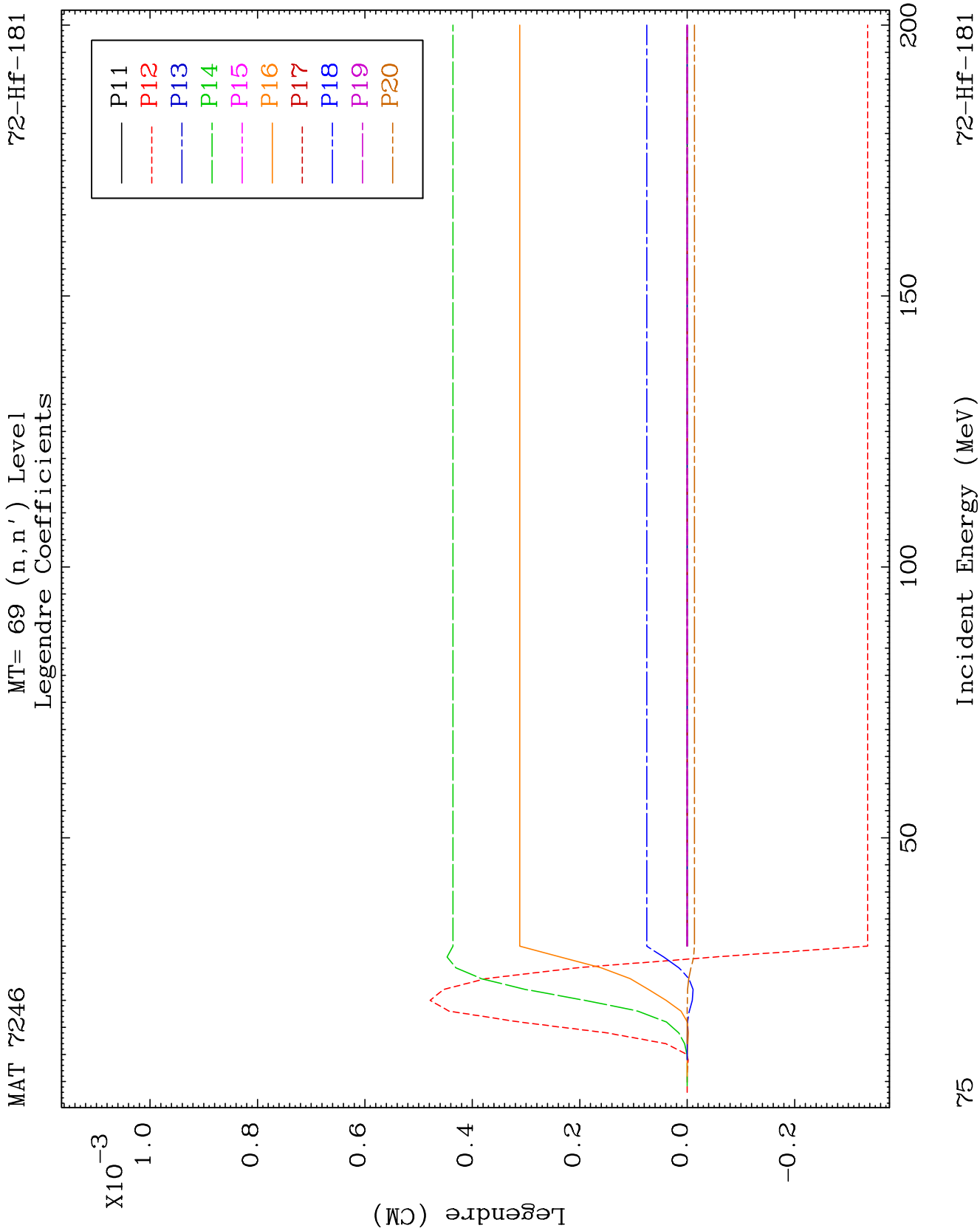
MT= 68 (n, n') Level
Legendre Coefficients

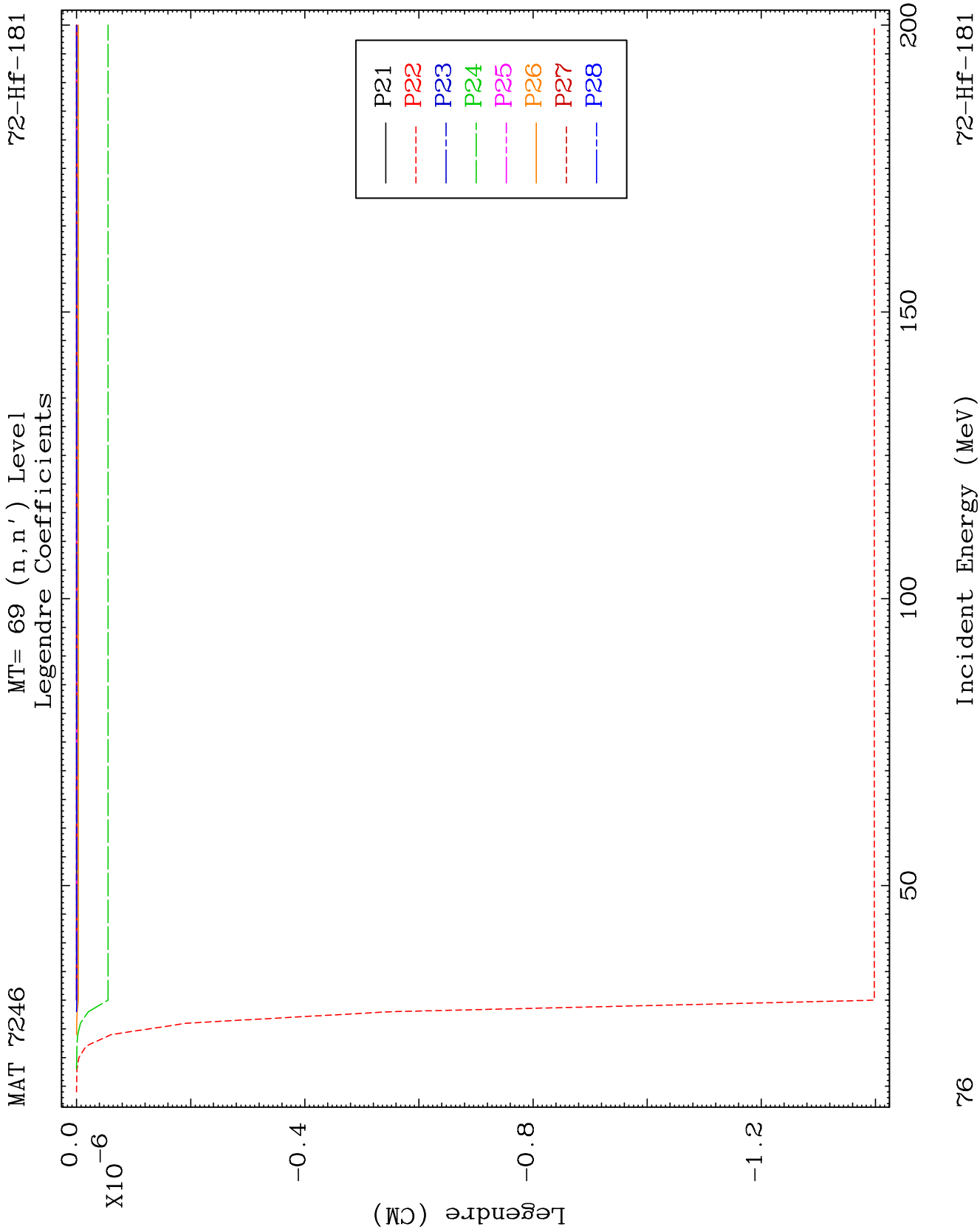
72-Hf-181

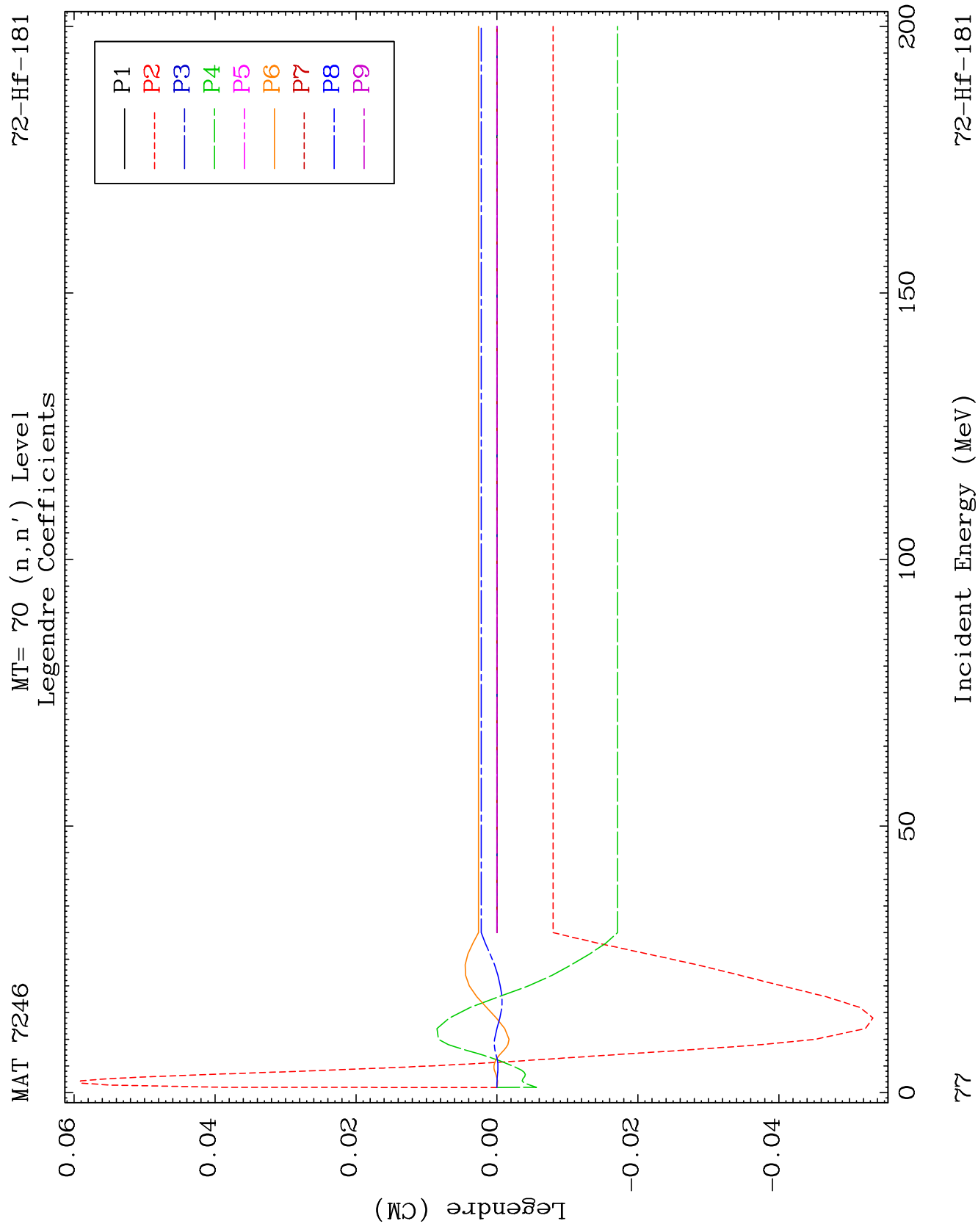








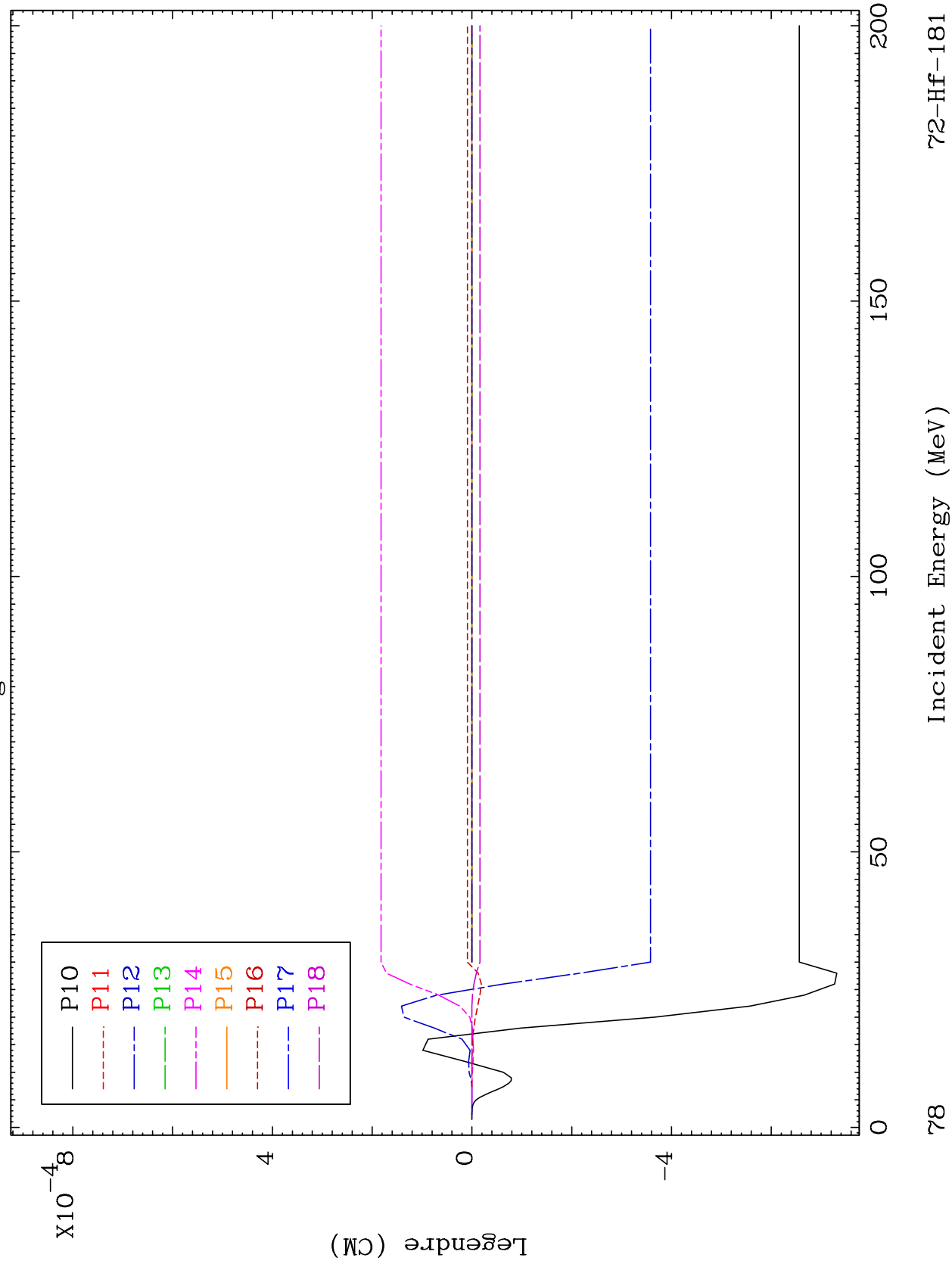


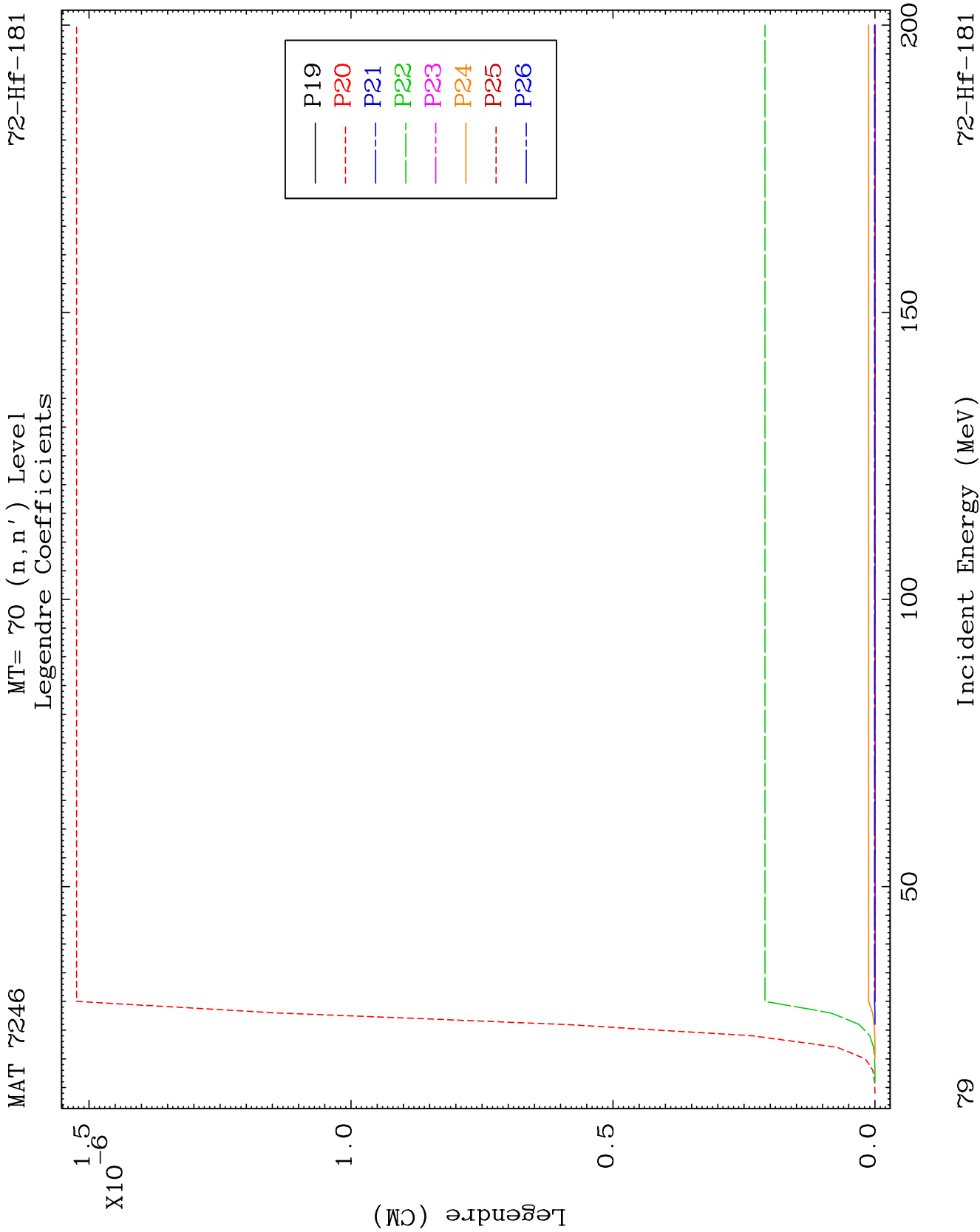


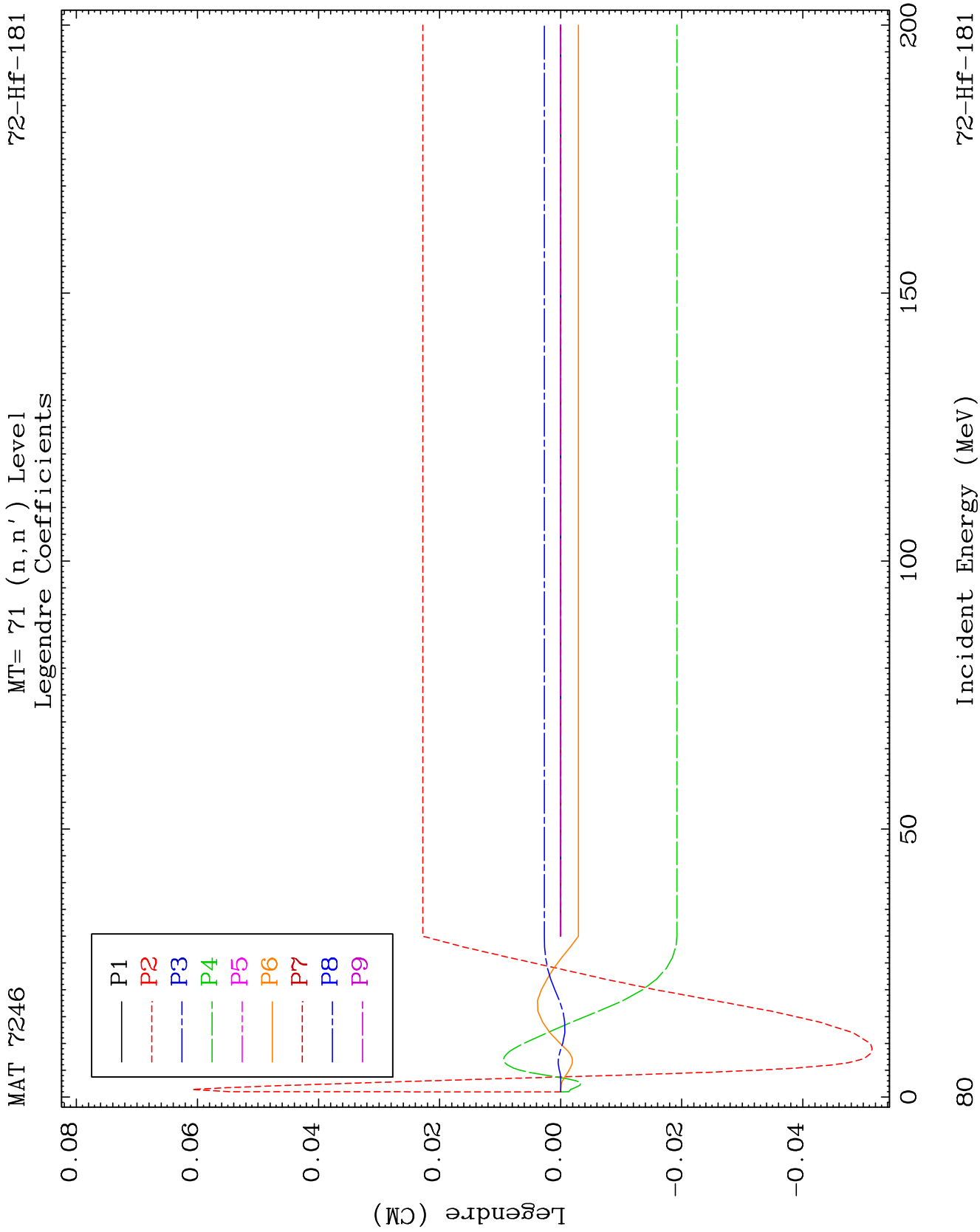
MAT 7246

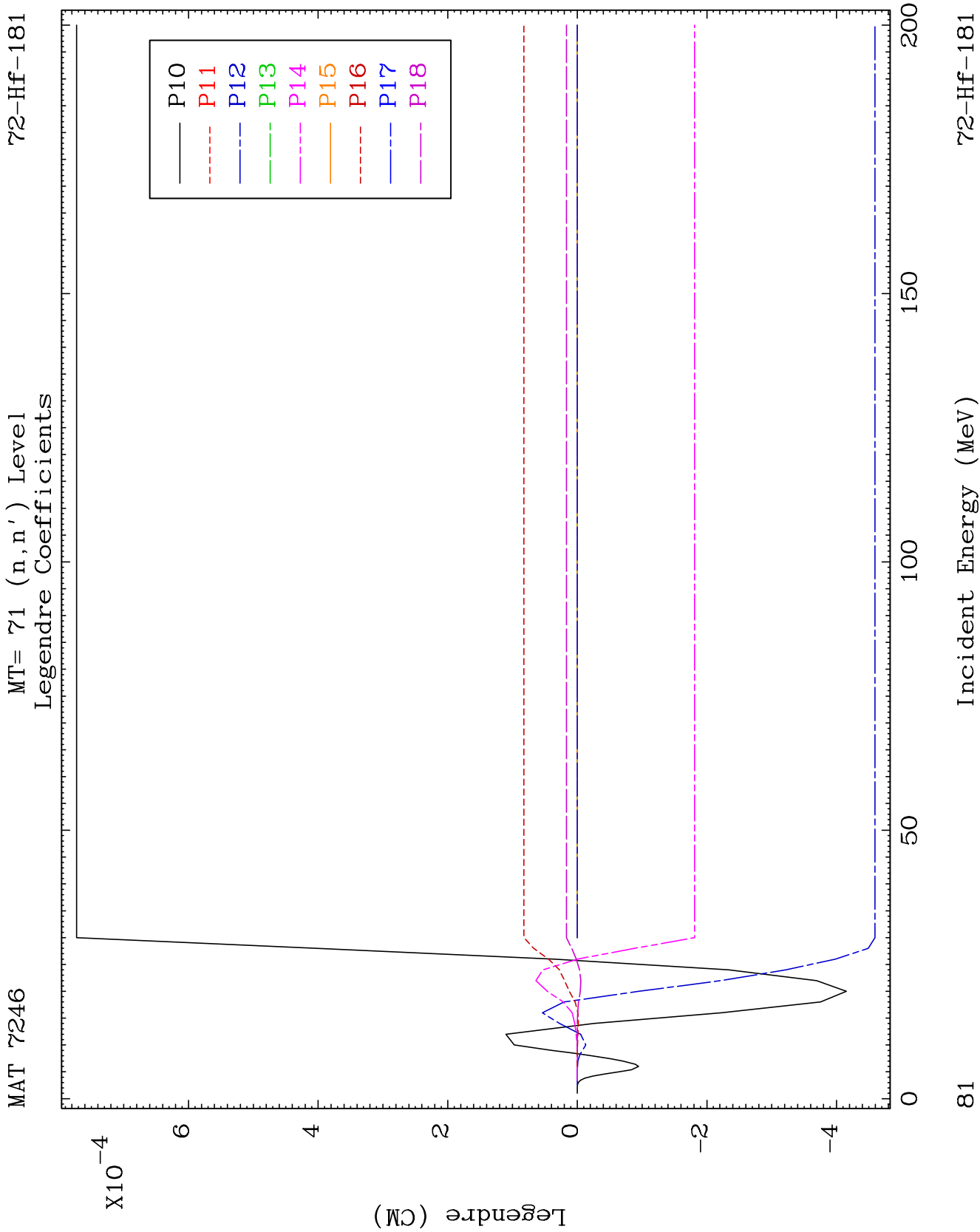
MT= 70 (n, n') Level
Legendre Coefficients

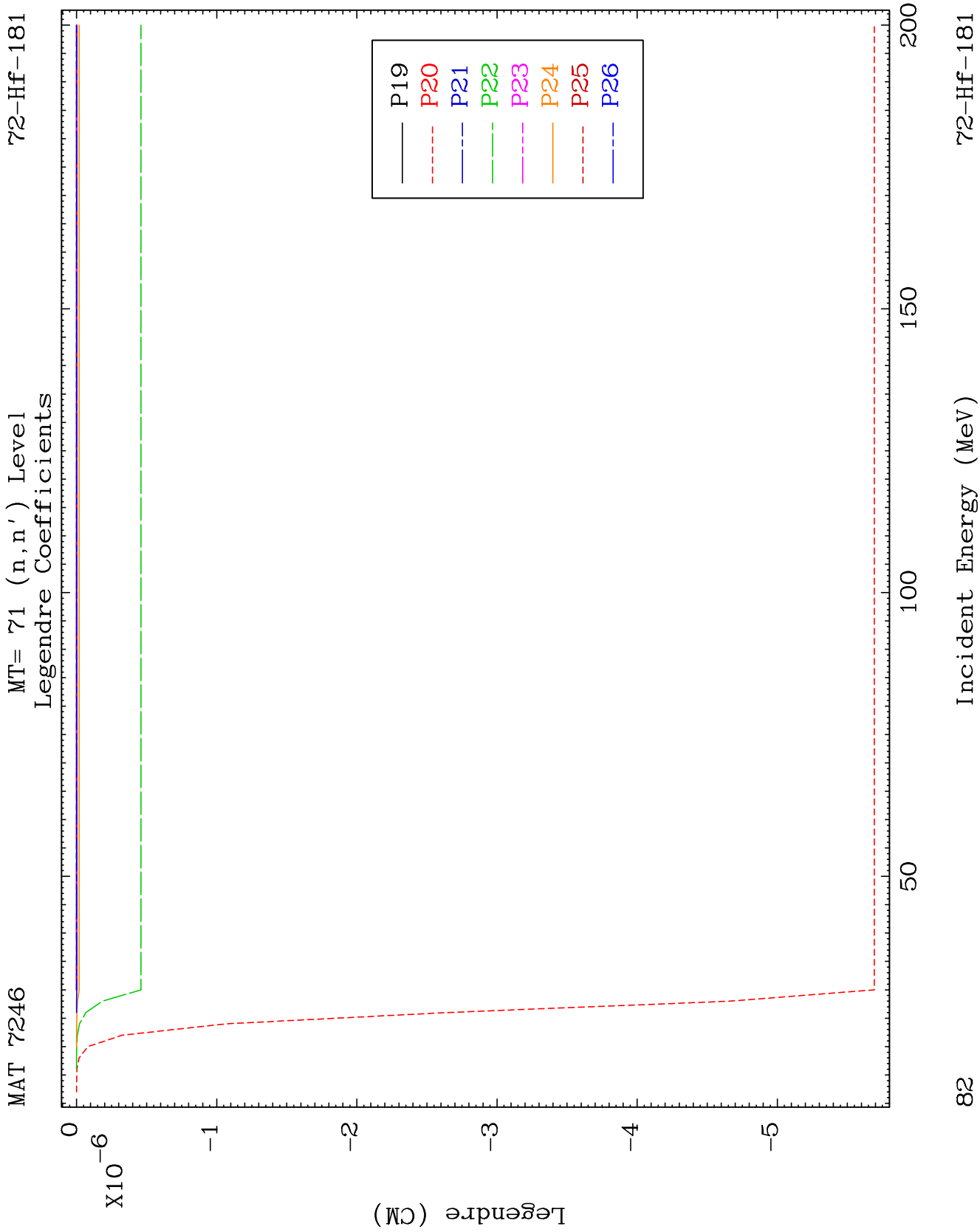
72-Hf-181







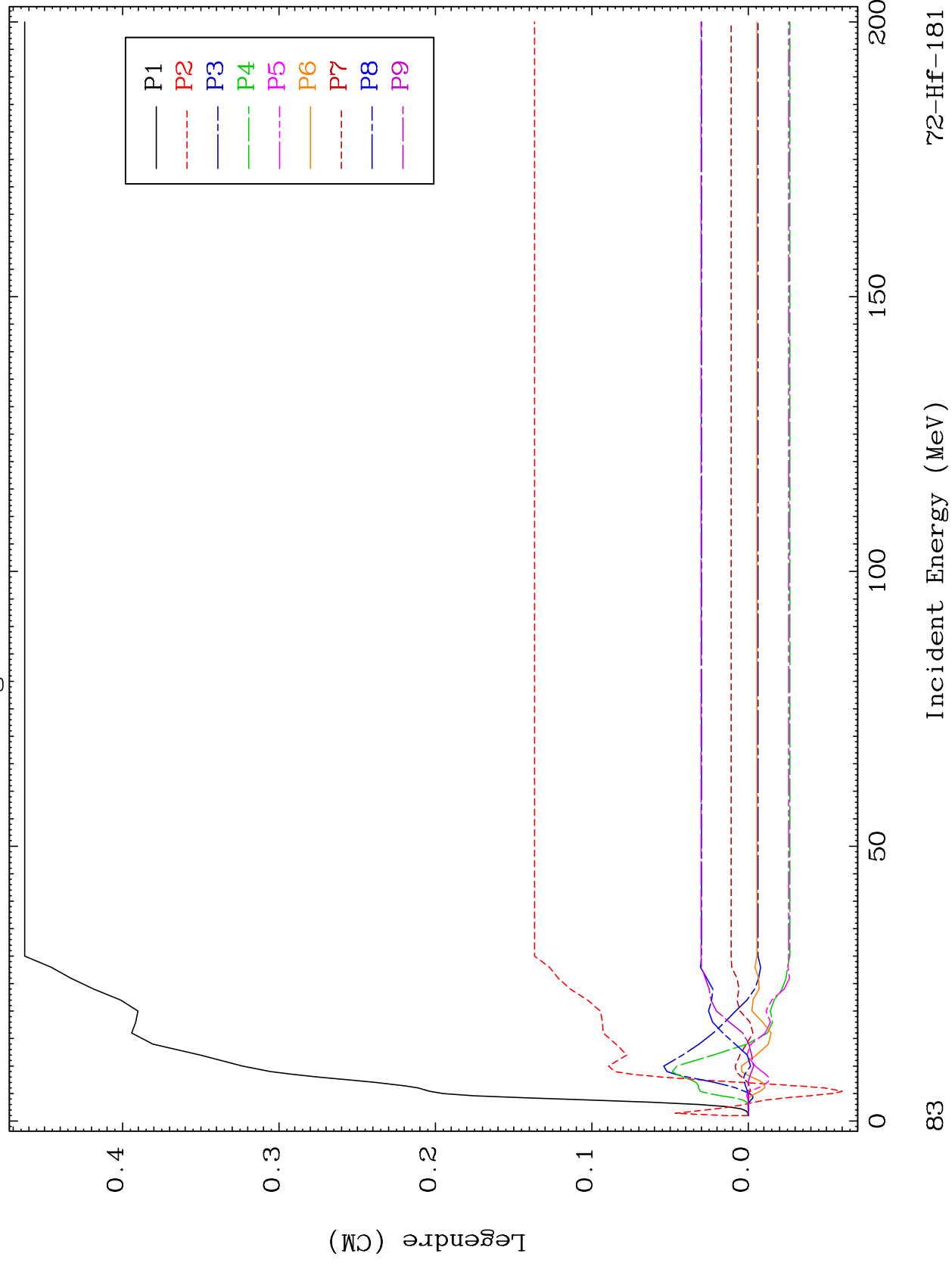


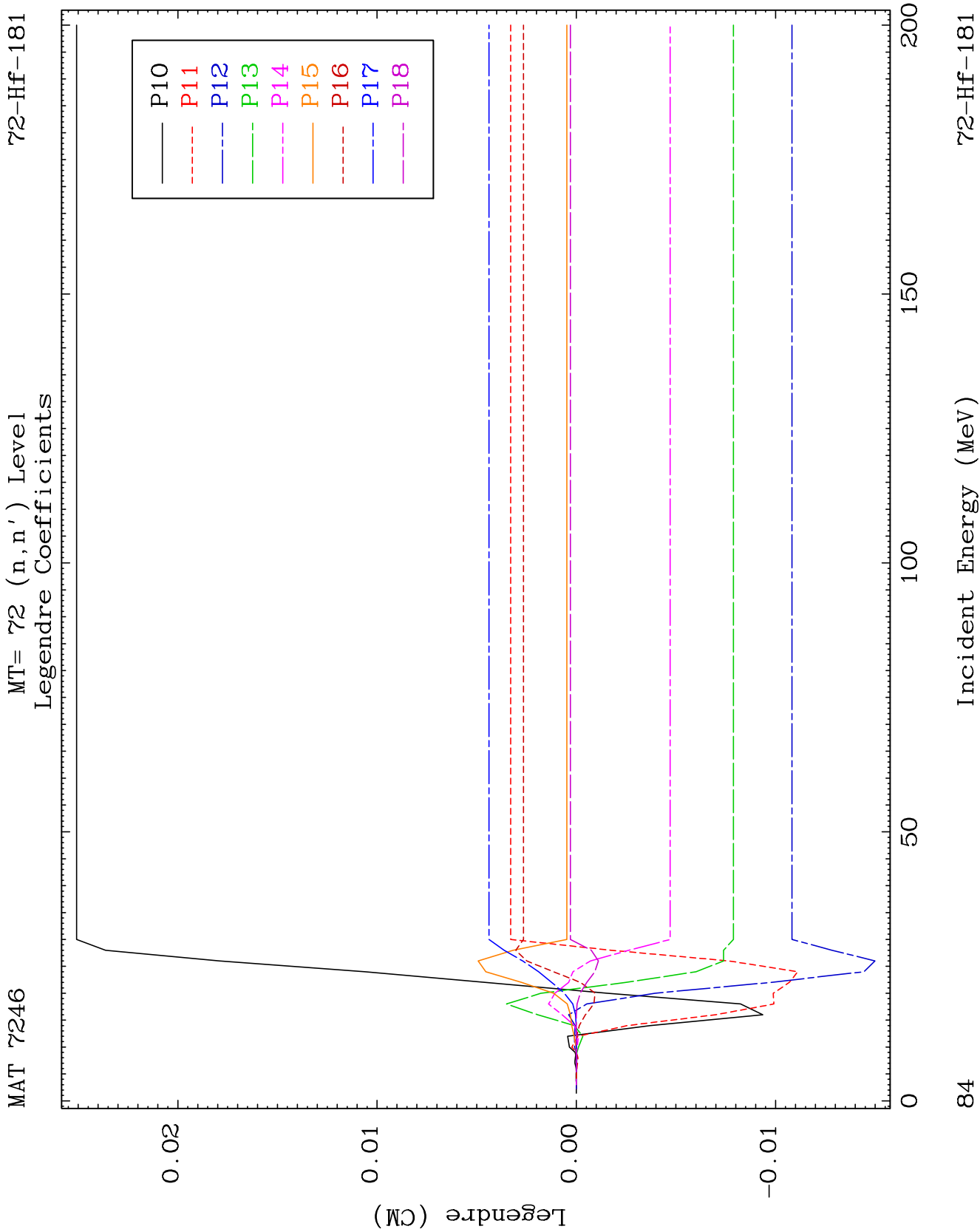


MAT 7246

MT= 72 (n, n') Level
Legendre Coefficients

72-Hf-181

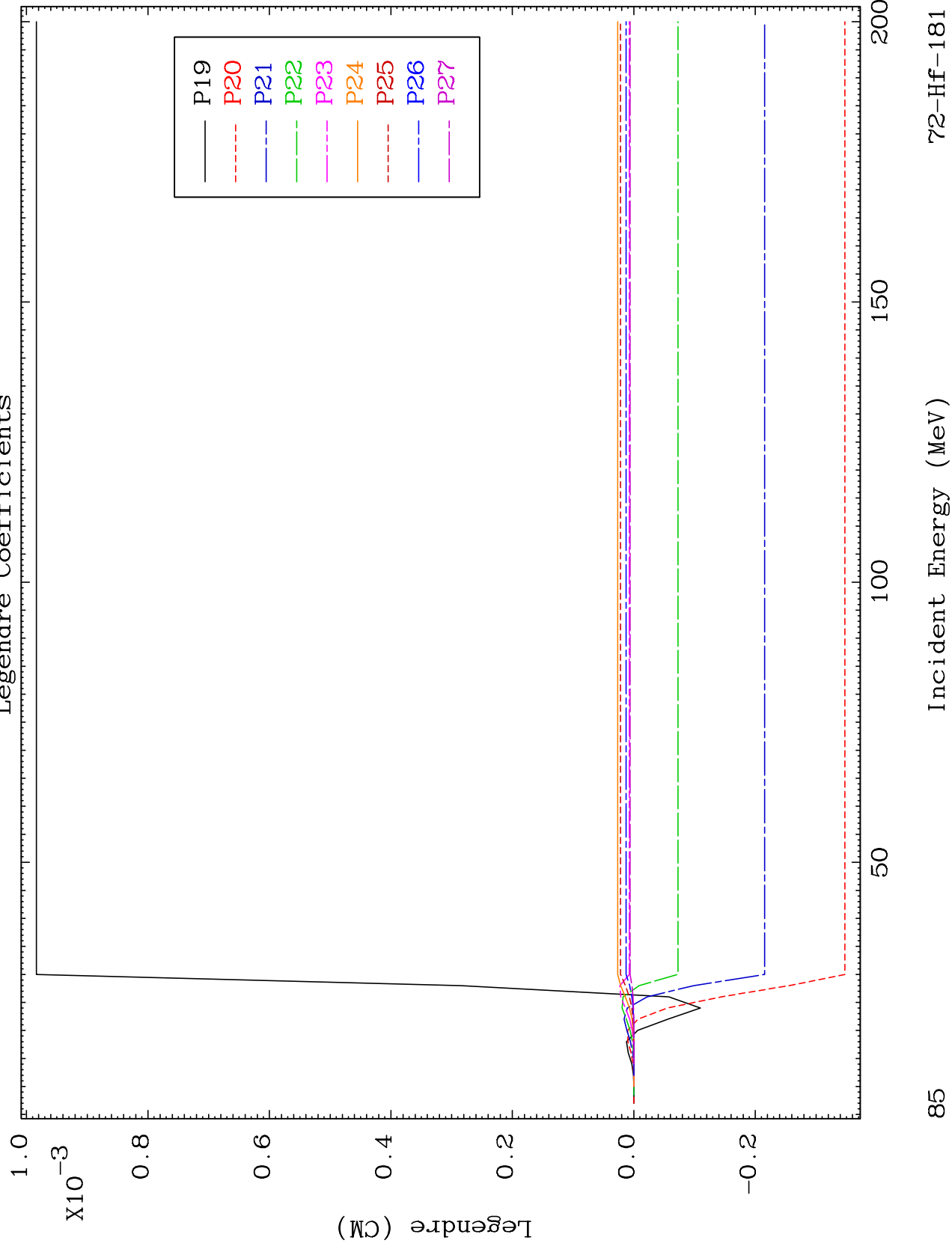




MAT 7246

MT= 72 (n, n') Level
Legendre Coefficients

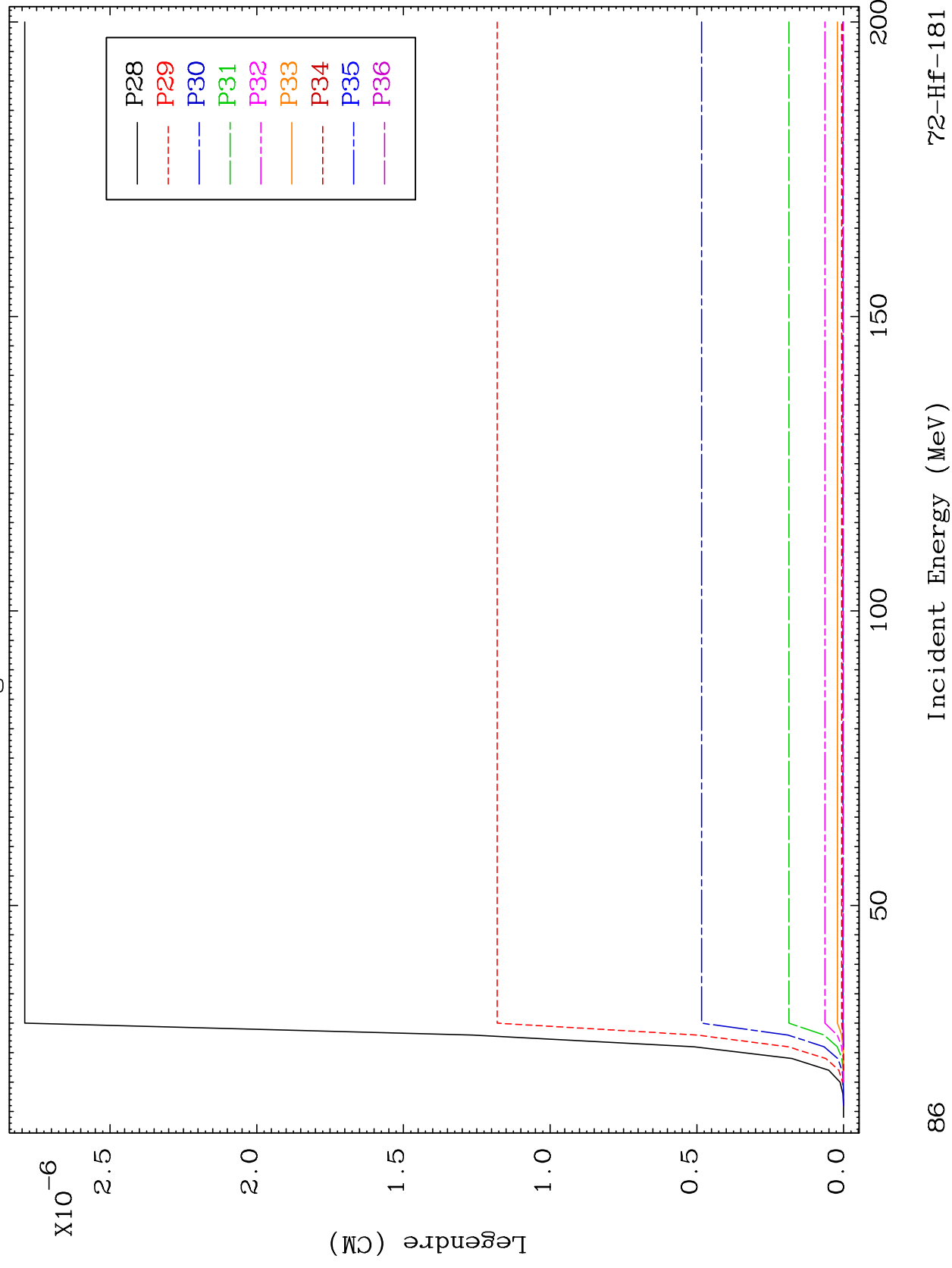
72-Hf-181

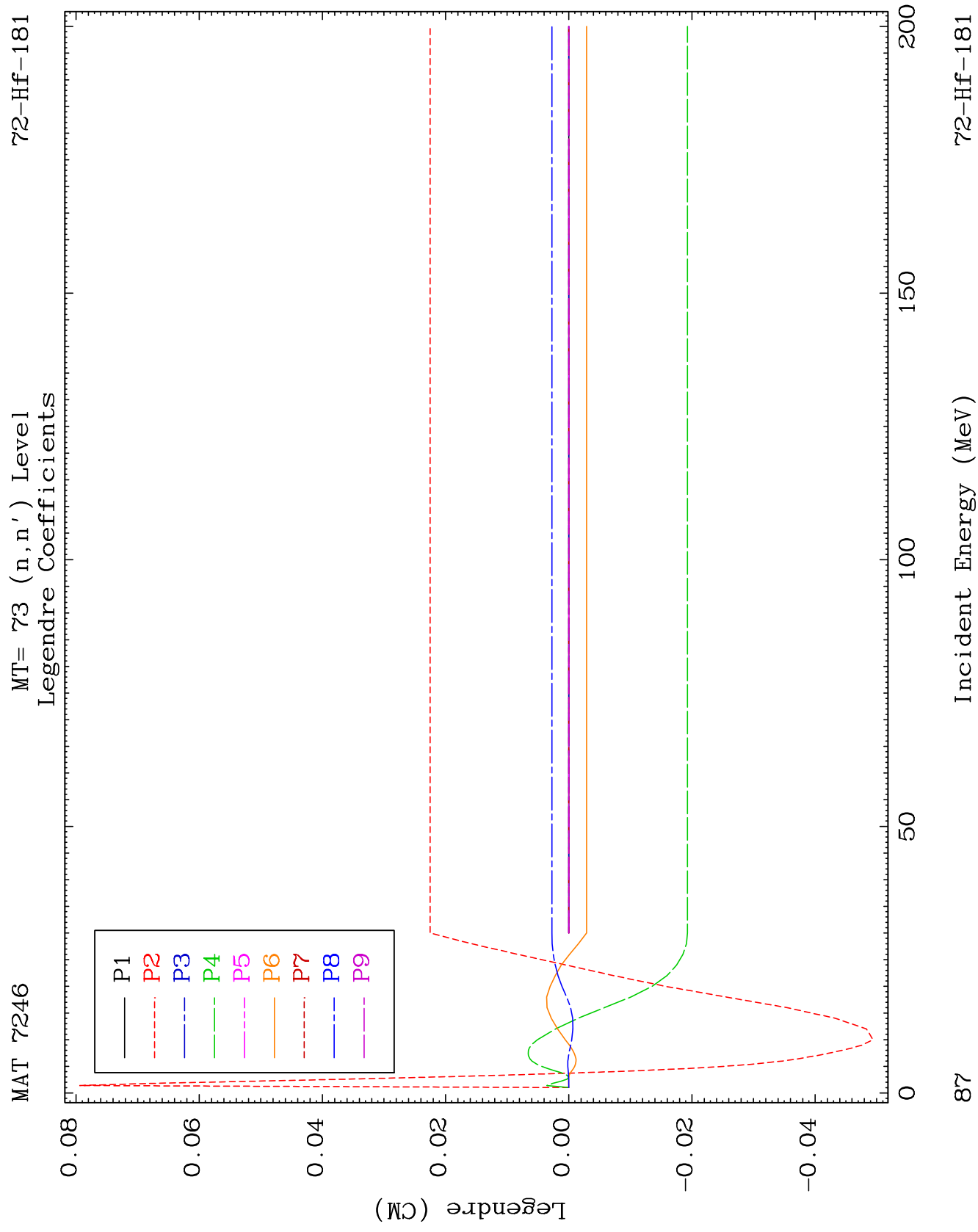


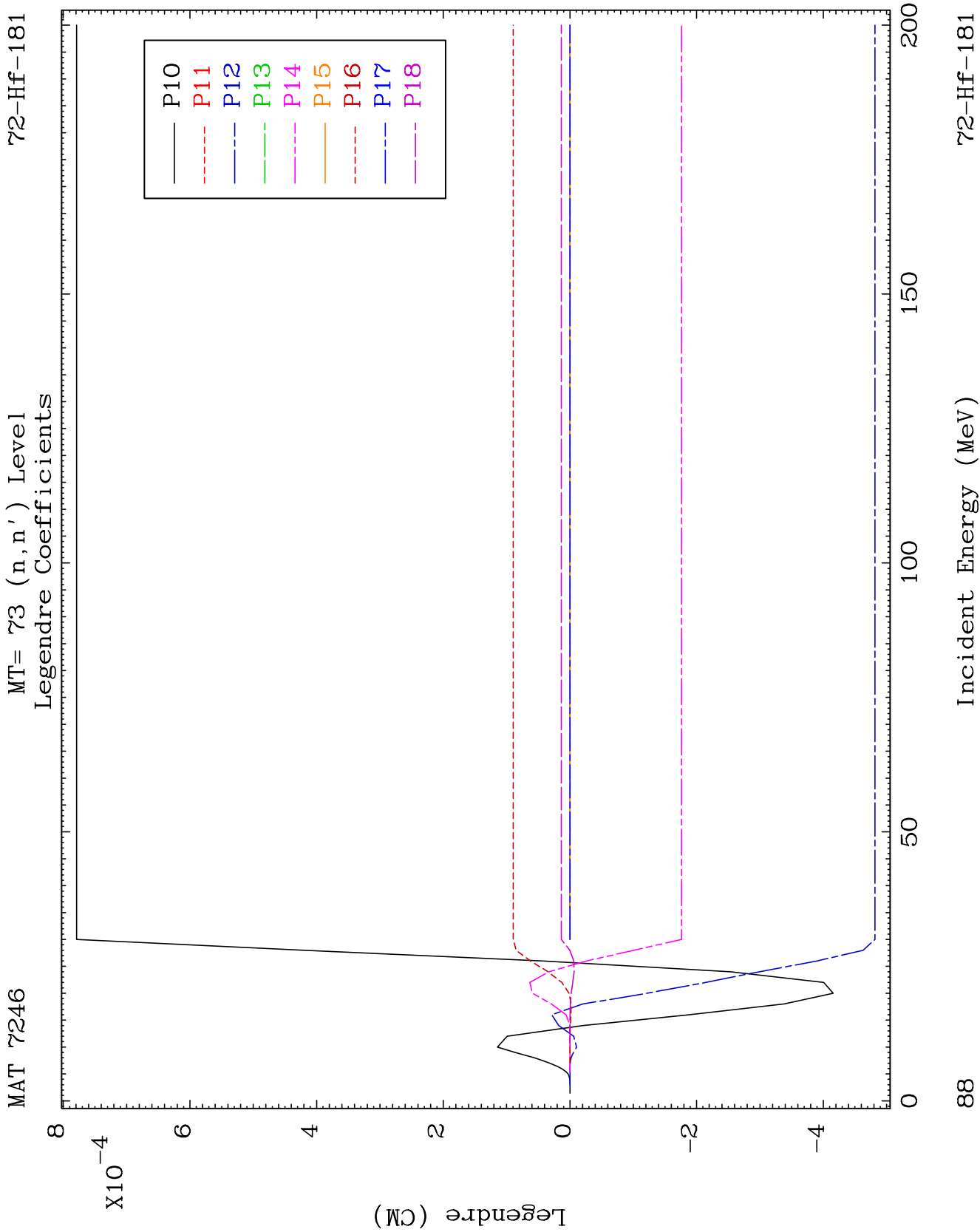
MAT 7246

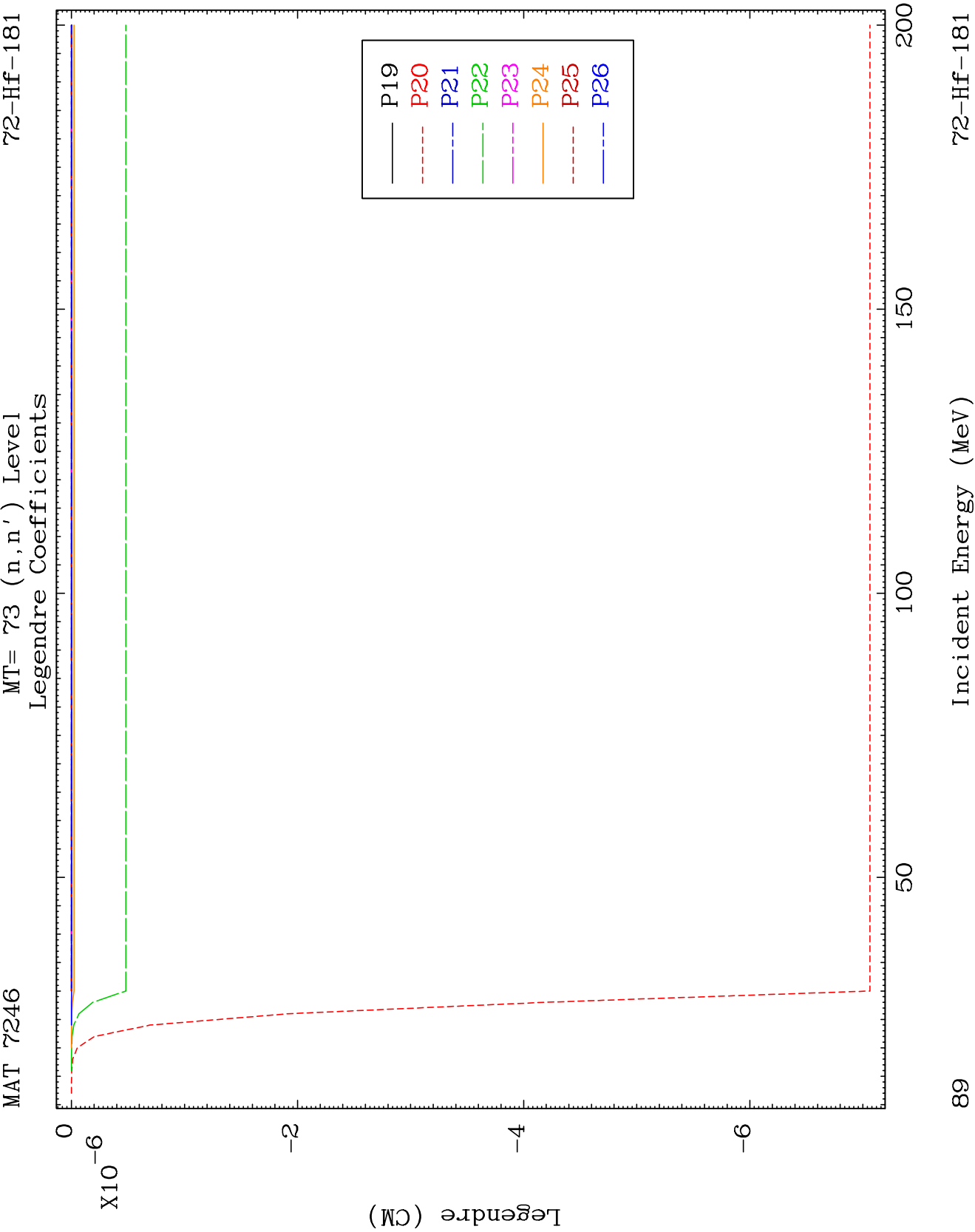
MT= 72 (n, n') Level
Legendre Coefficients

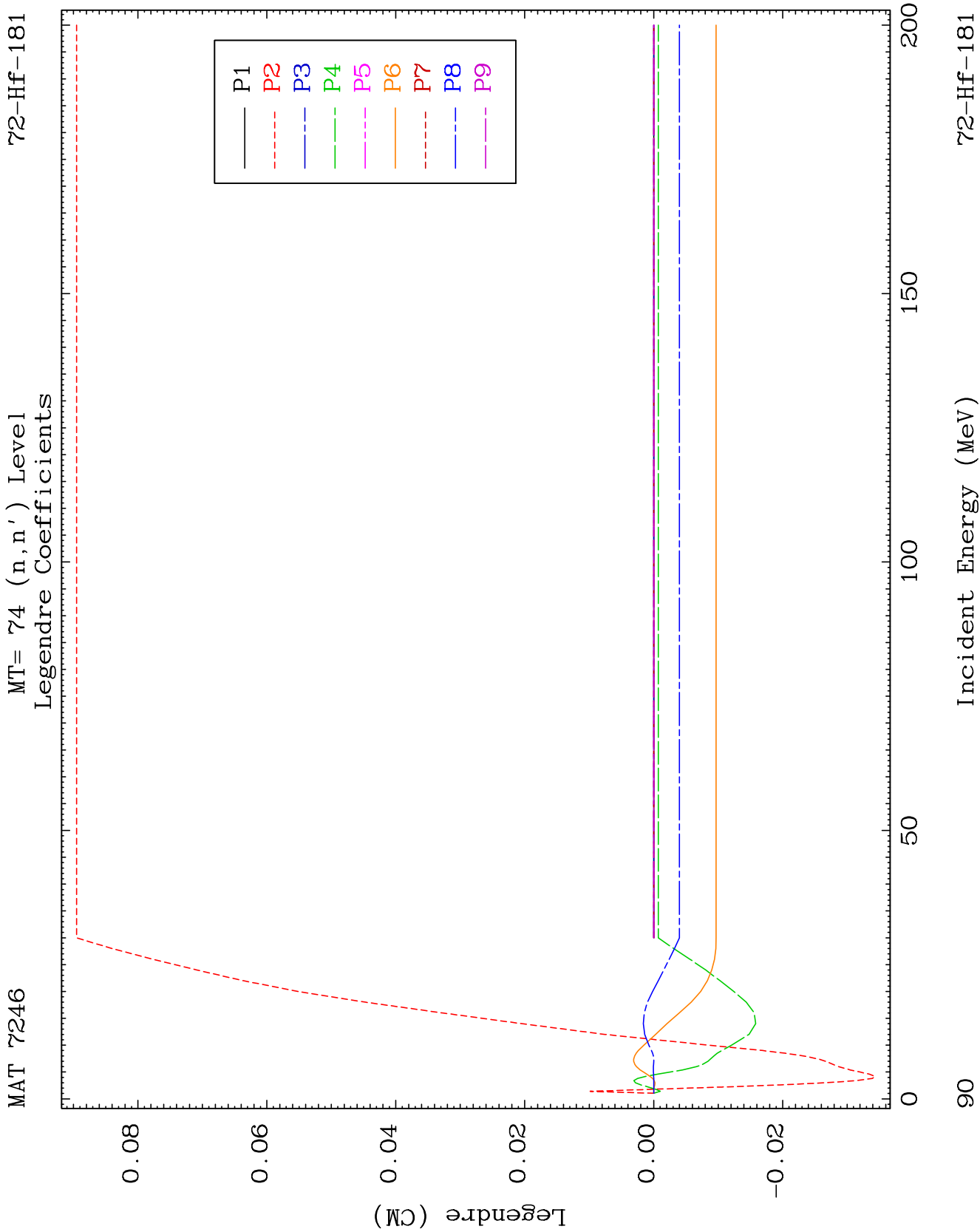
72-Hf-181







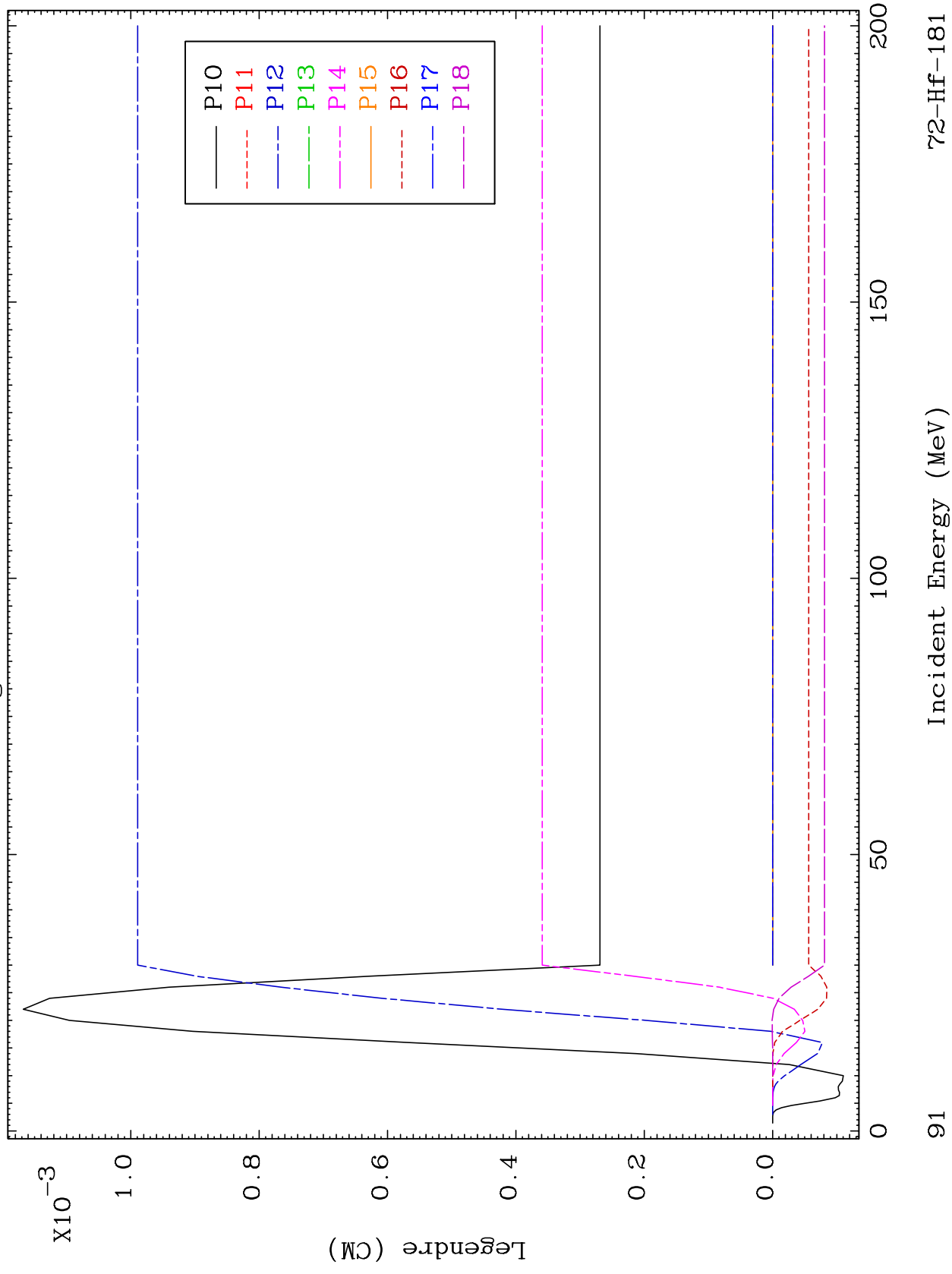




MAT 7246

MT= 74 (n, n') Level
Legendre Coefficients

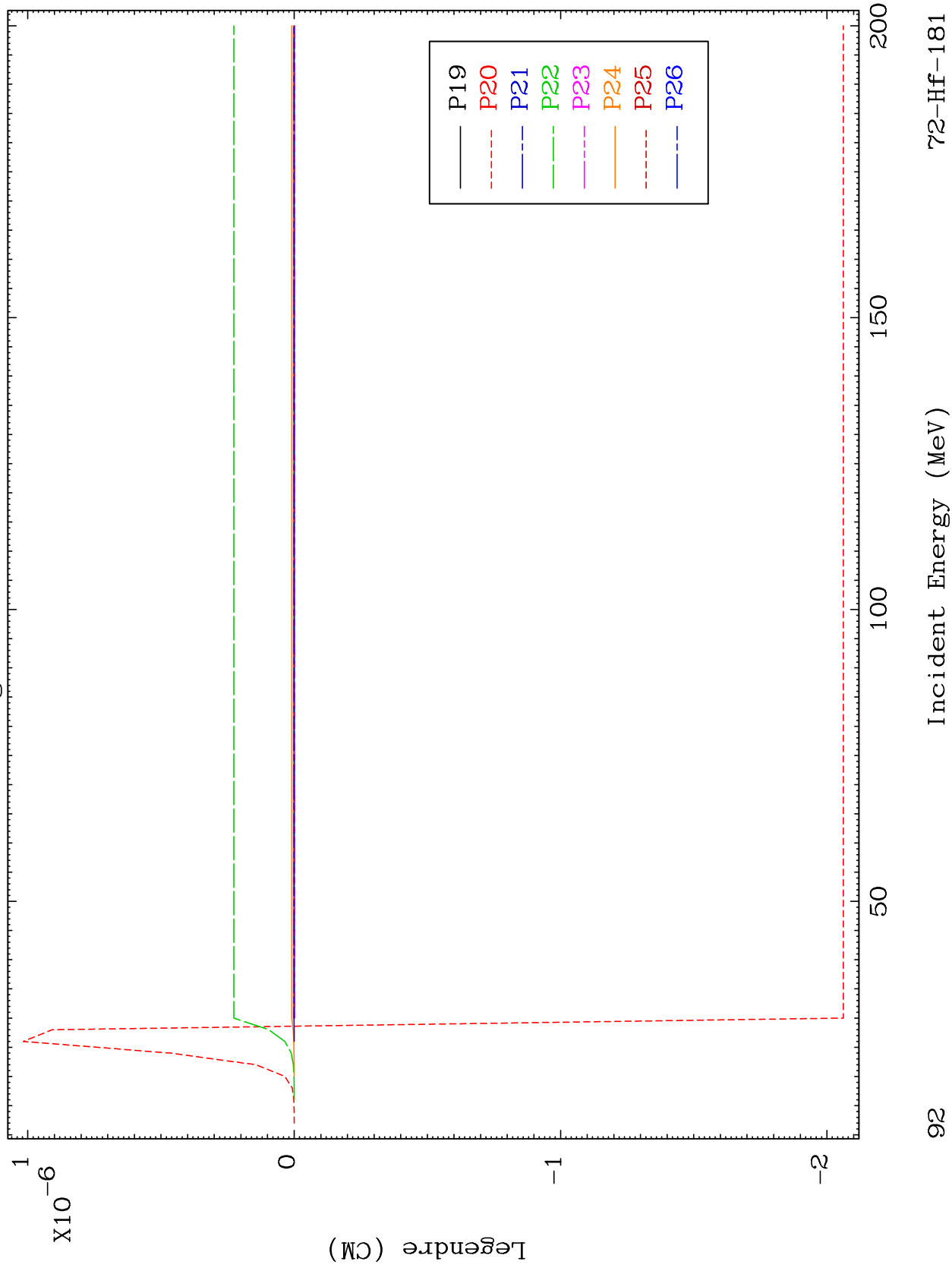
72-Hf-181



MAT 7246

MT= 74 (n, n') Level
Legendre Coefficients

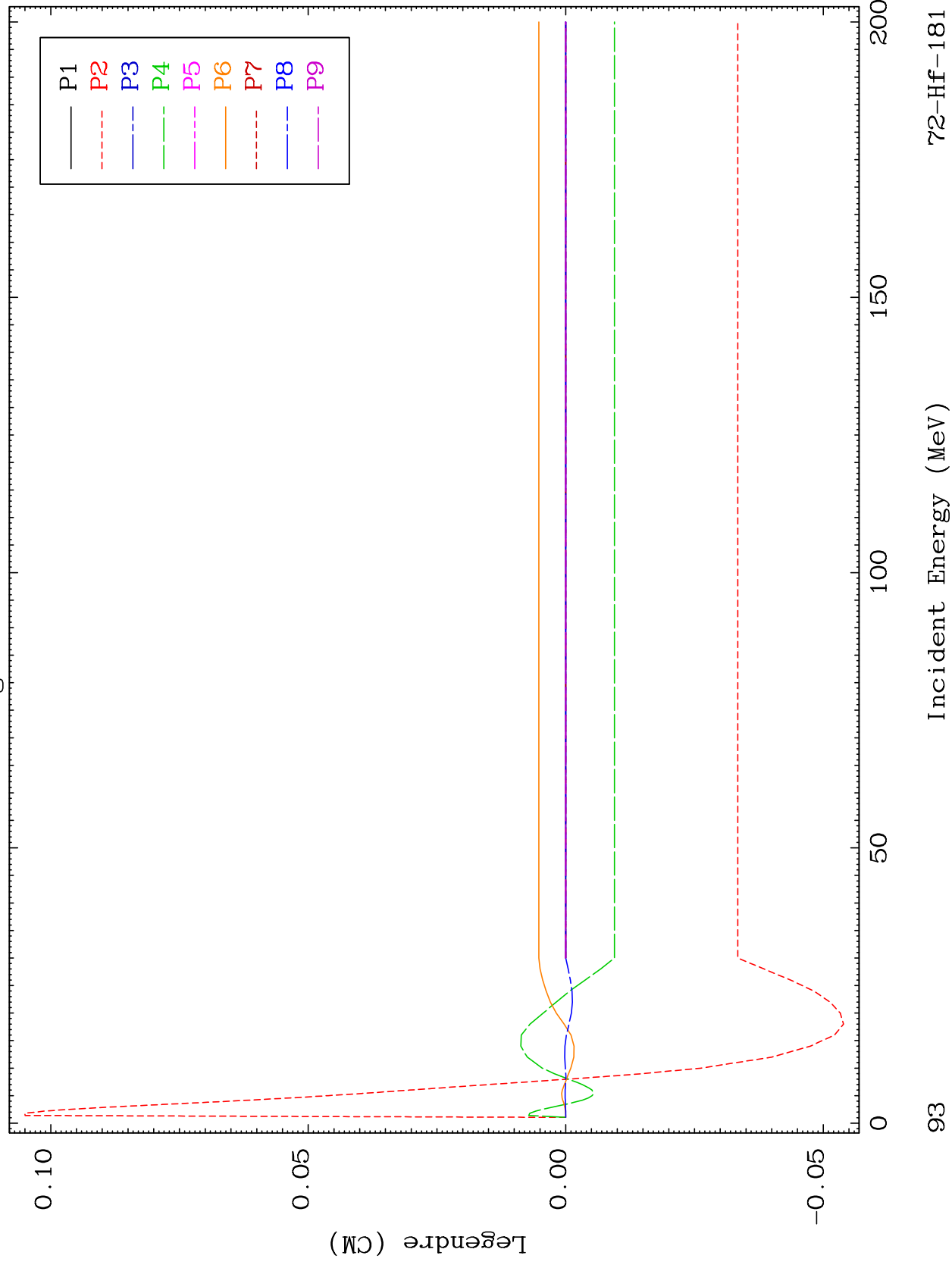
72-Hf-181

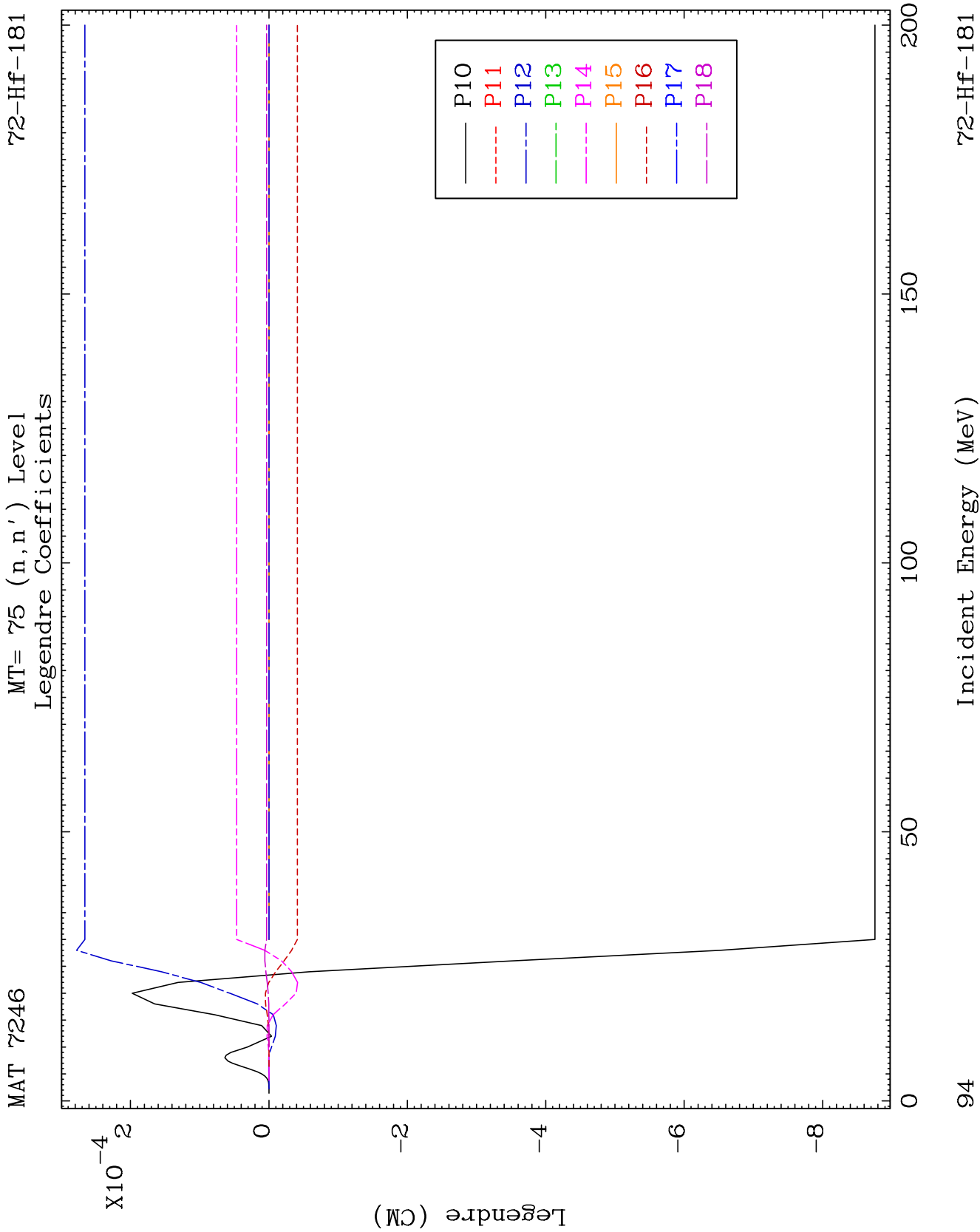


MAT 7246

MT= 75 (n, n') Level
Legendre Coefficients

72-Hf-181

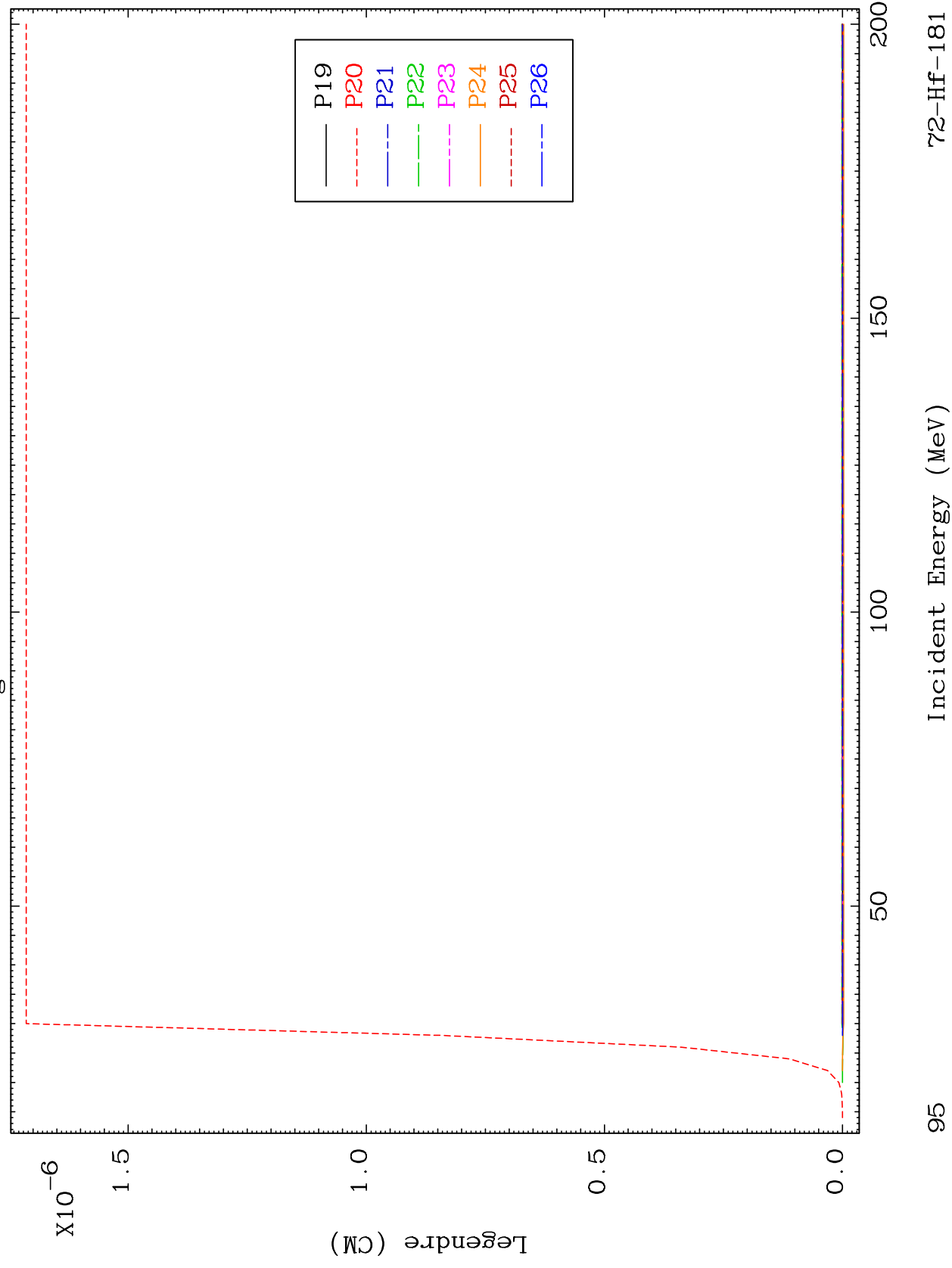


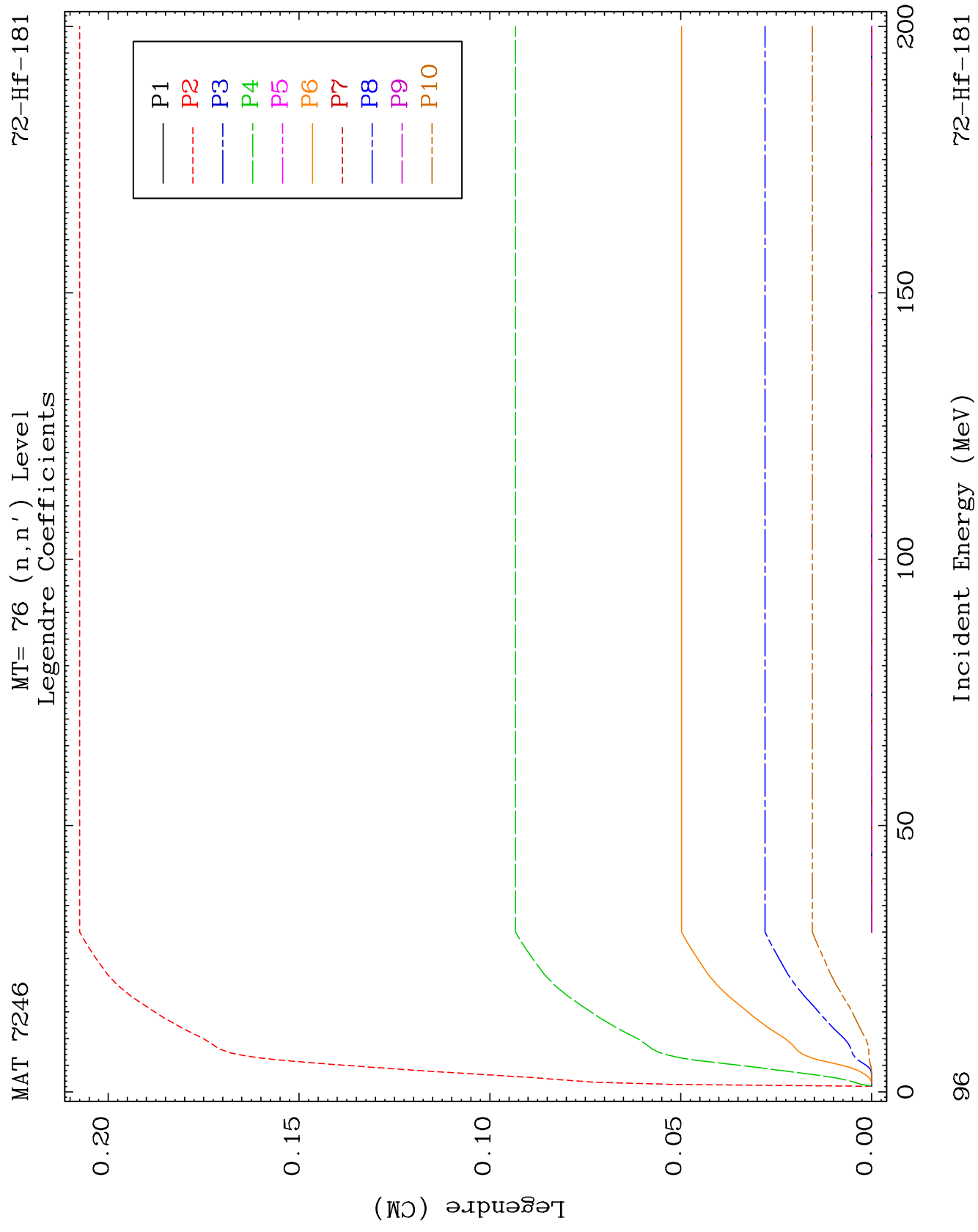


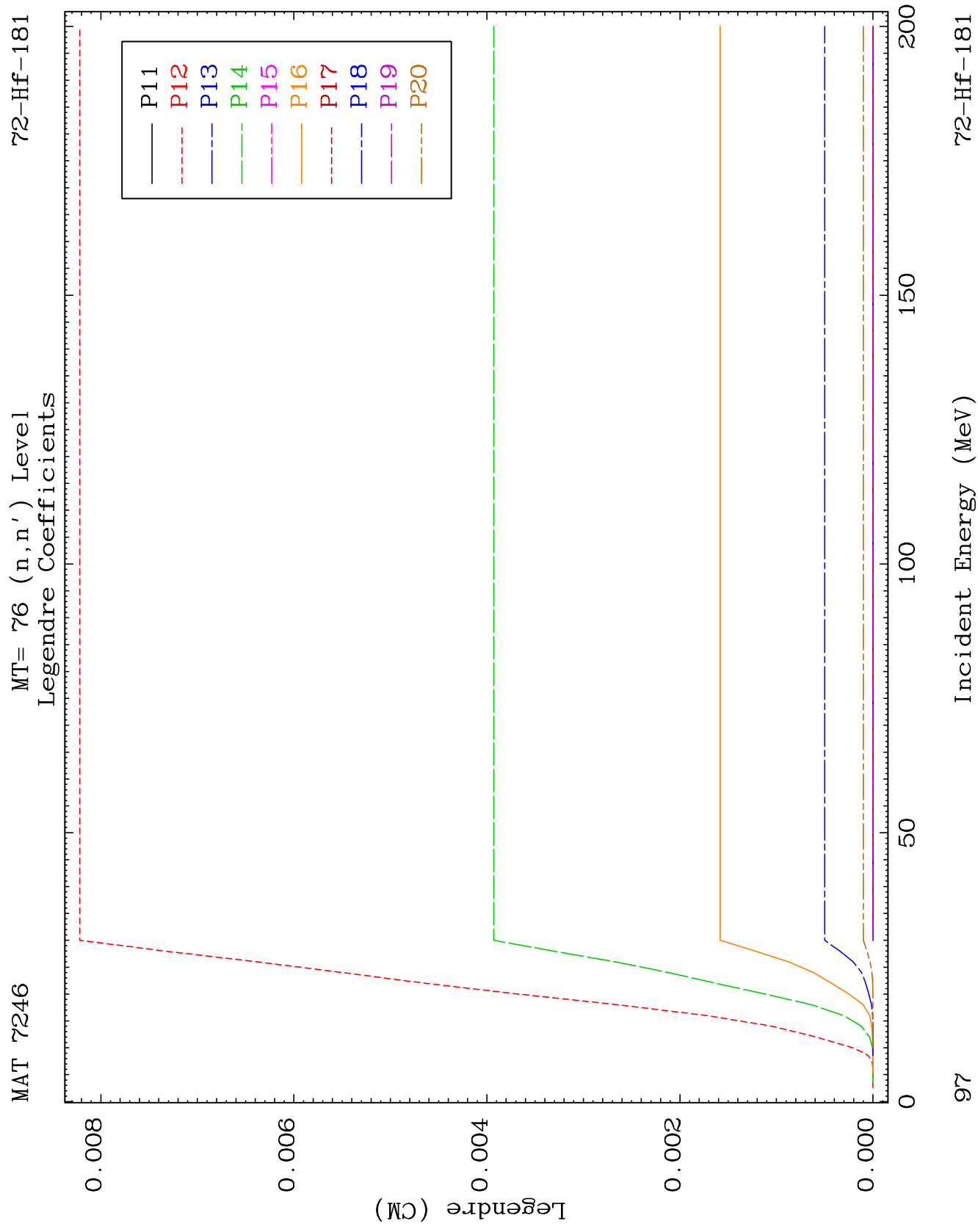
MAT 7246

MT= 75 (n, n') Level
Legendre Coefficients

72-Hf-181



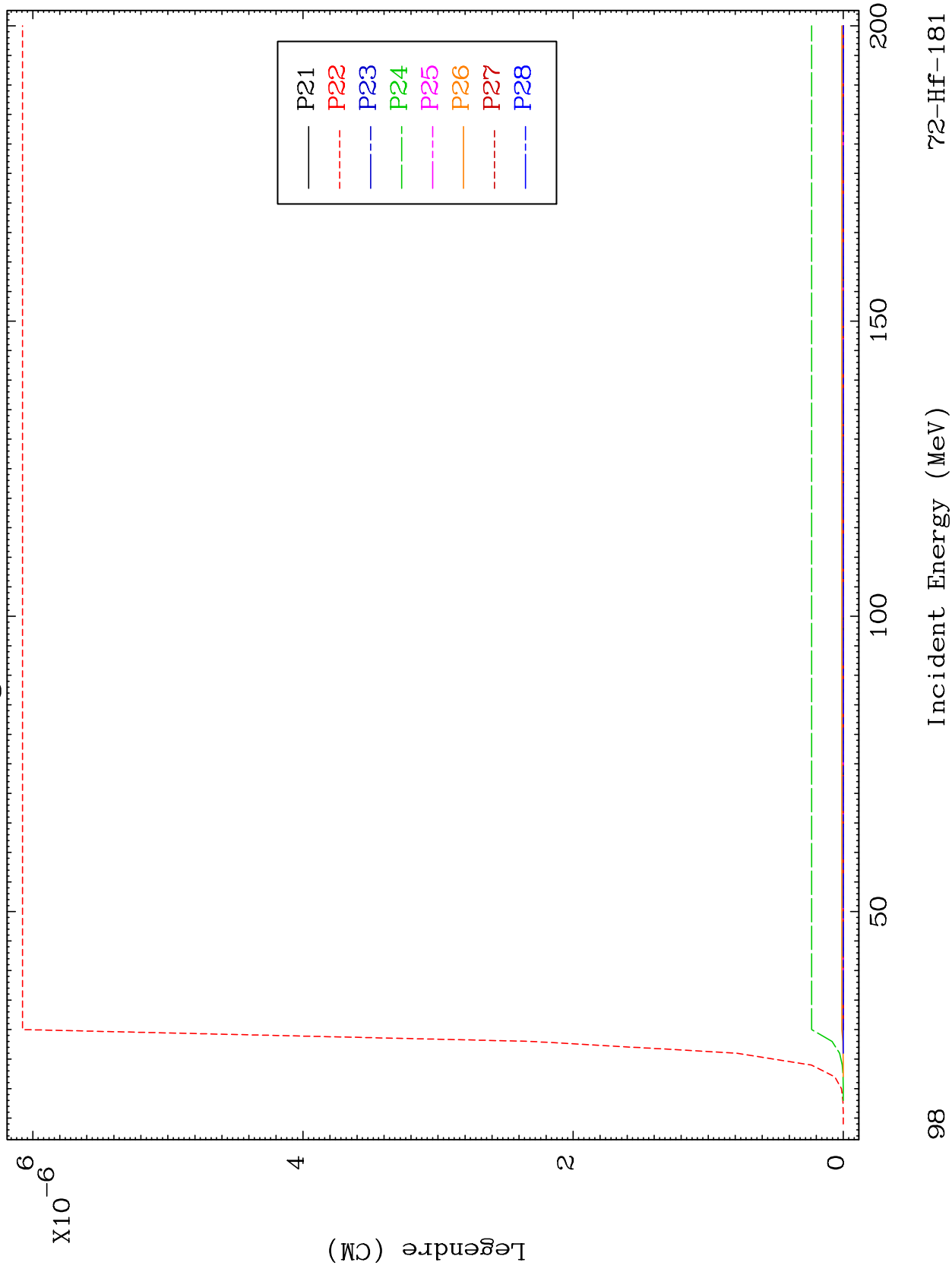




MAT 7246

MT= 76 (n, n') Level
Legendre Coefficients

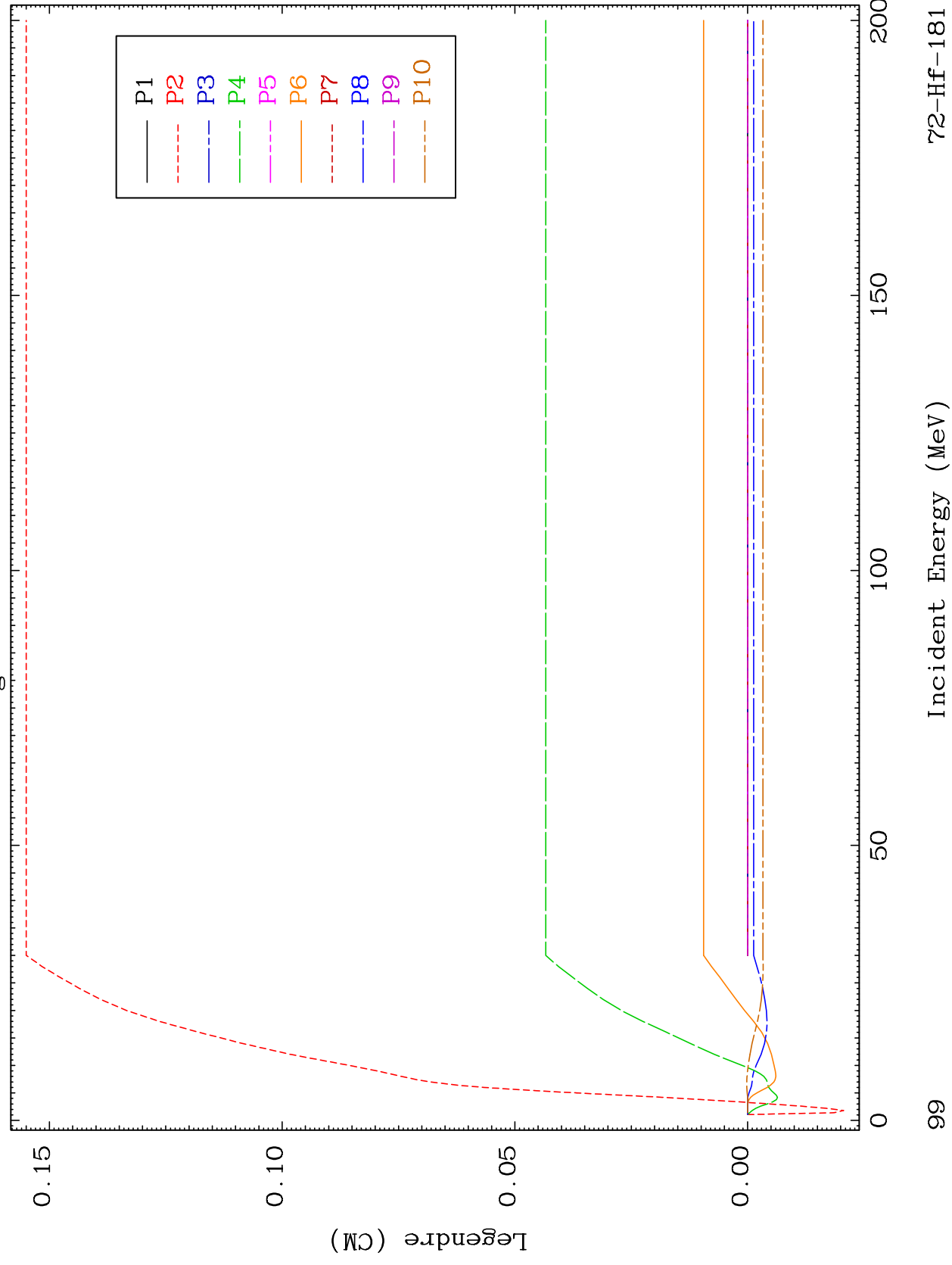
72-Hf-181

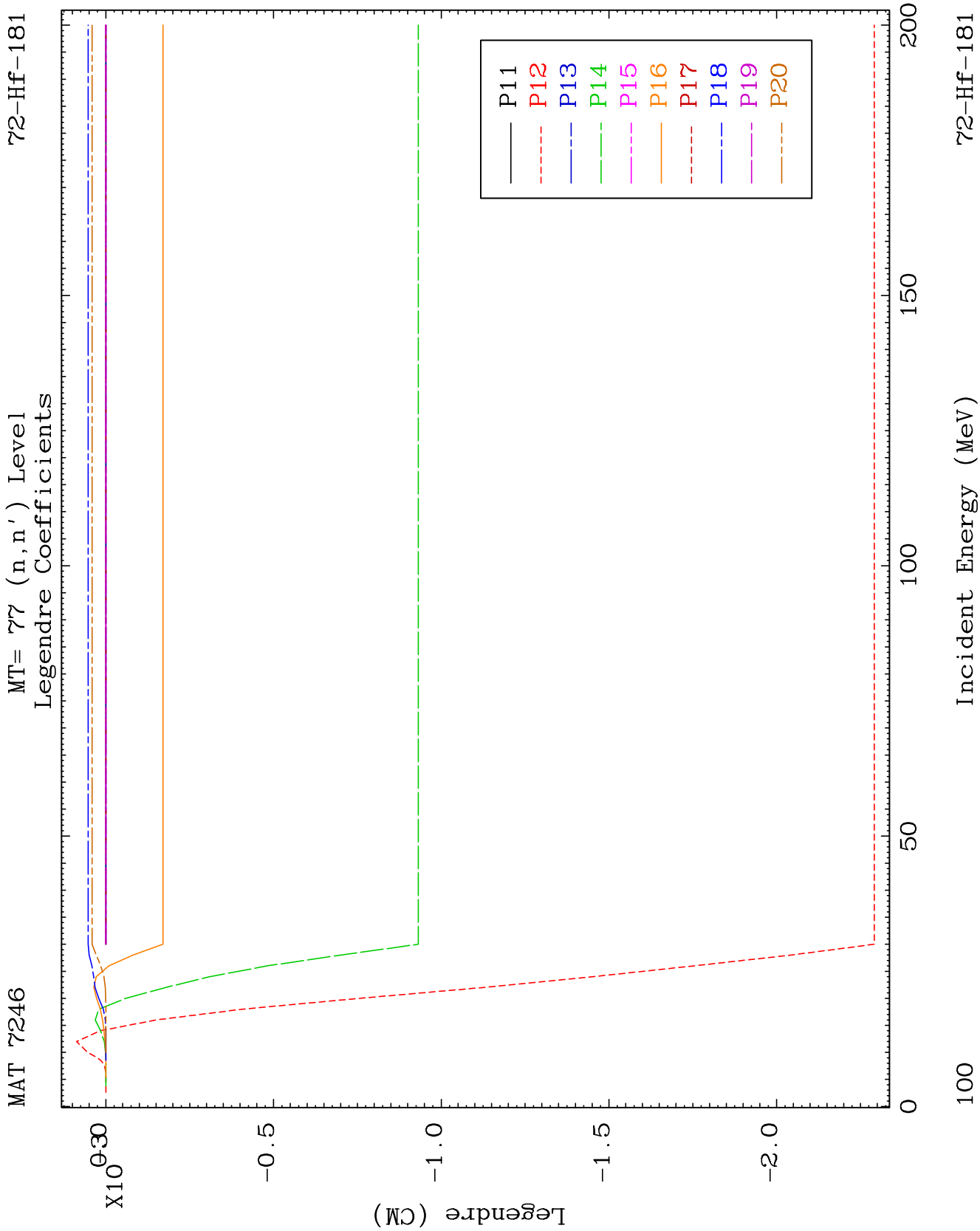


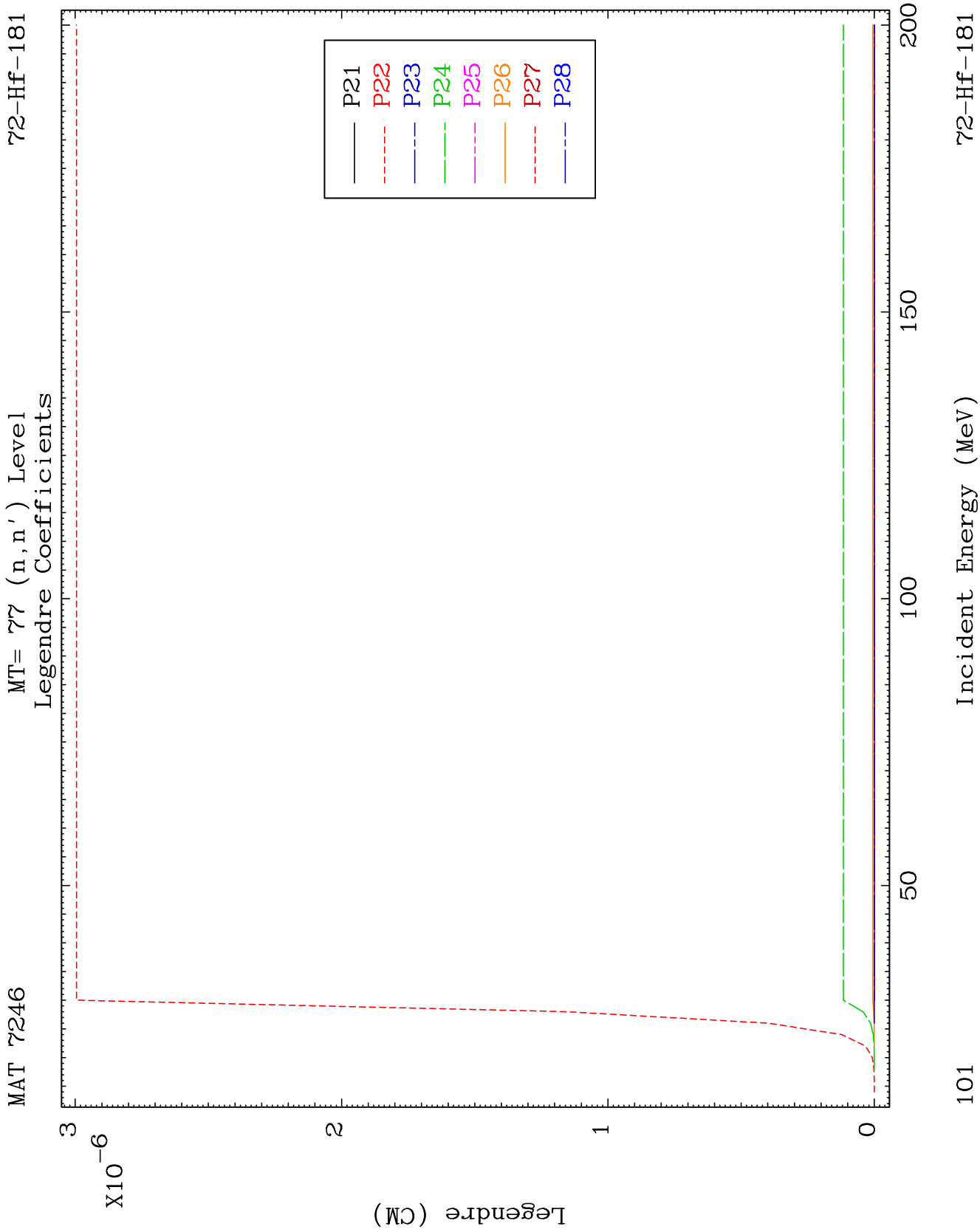
MAT 7246

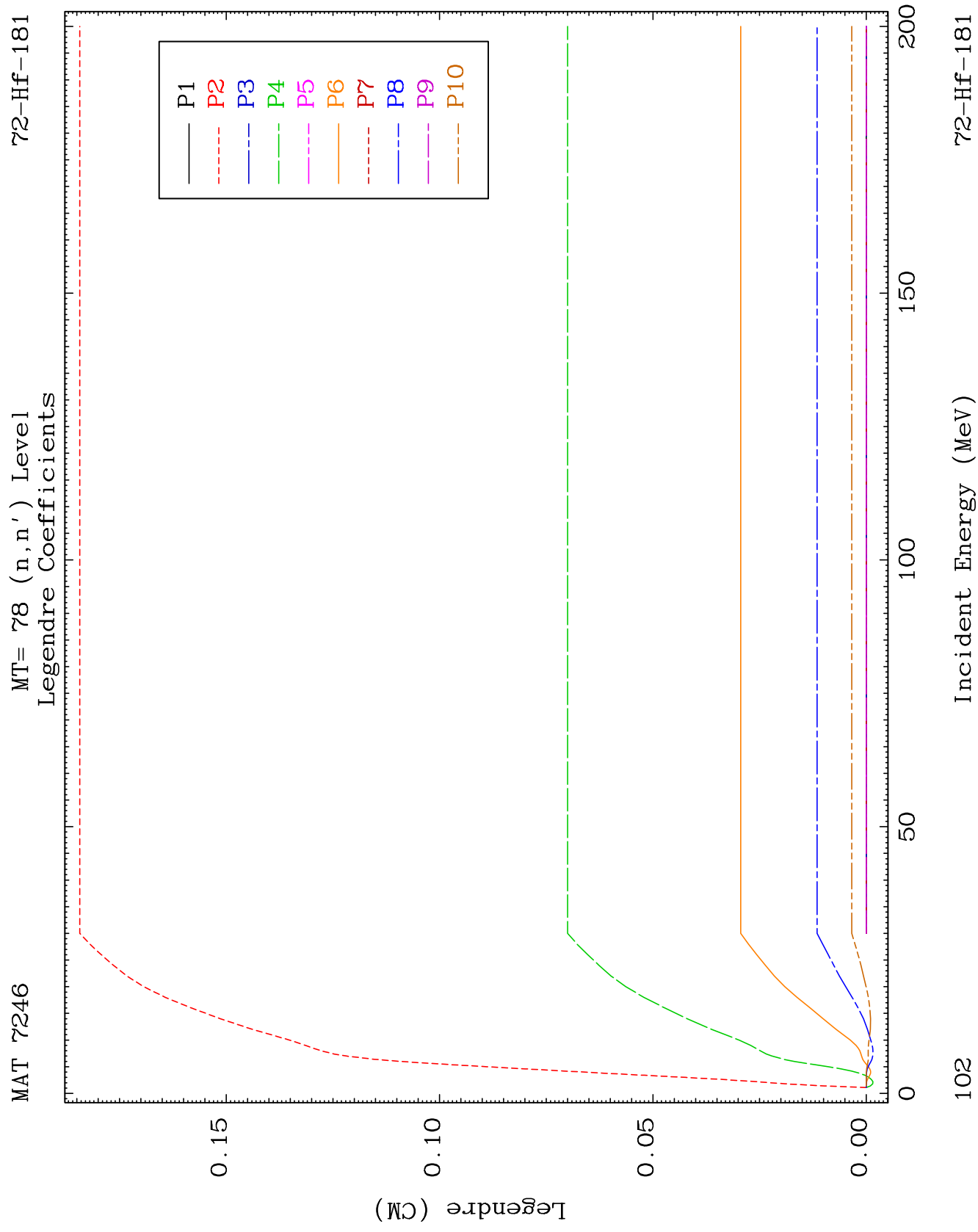
MT= 77 (n, n') Level
Legendre Coefficients

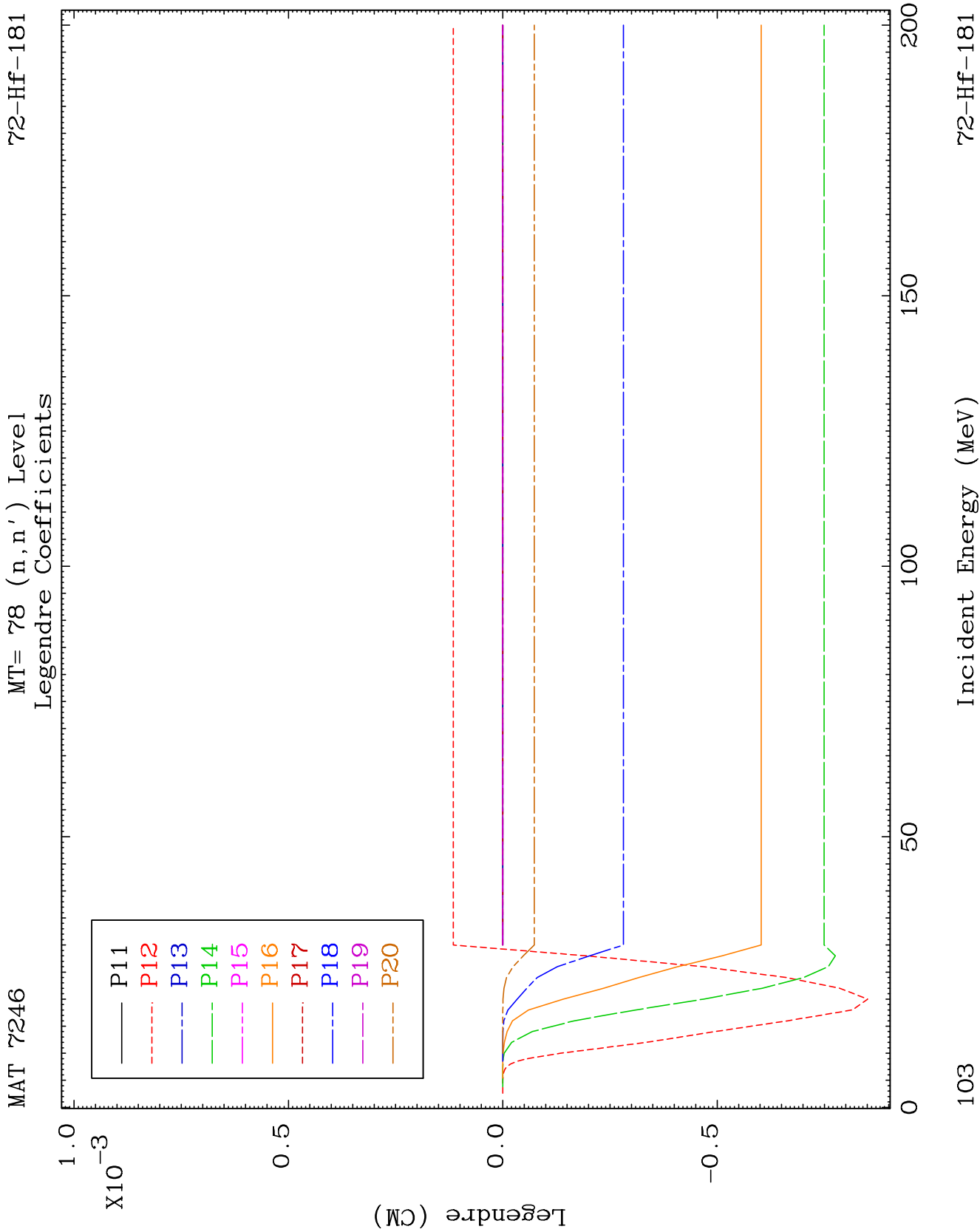
72-Hf-181

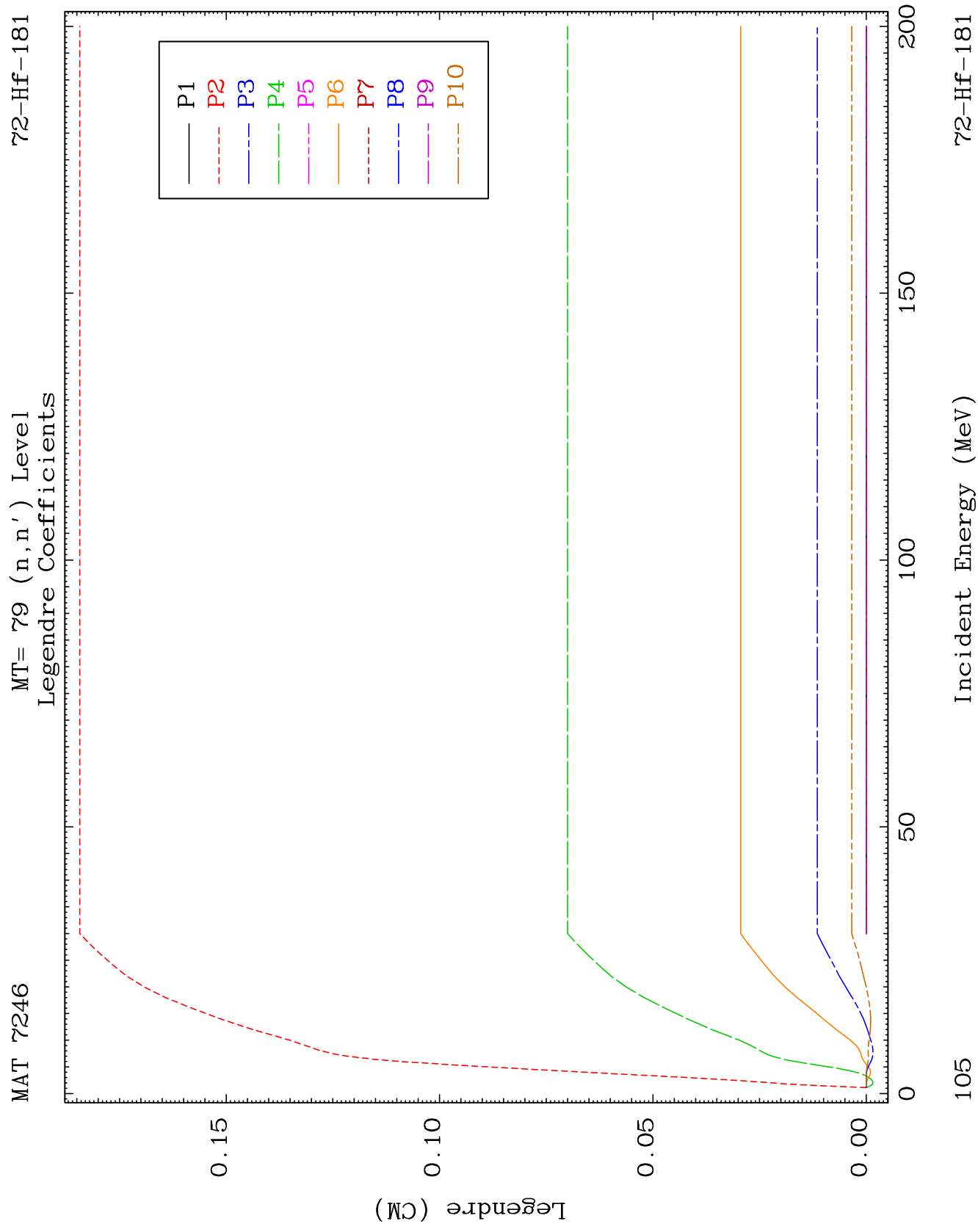


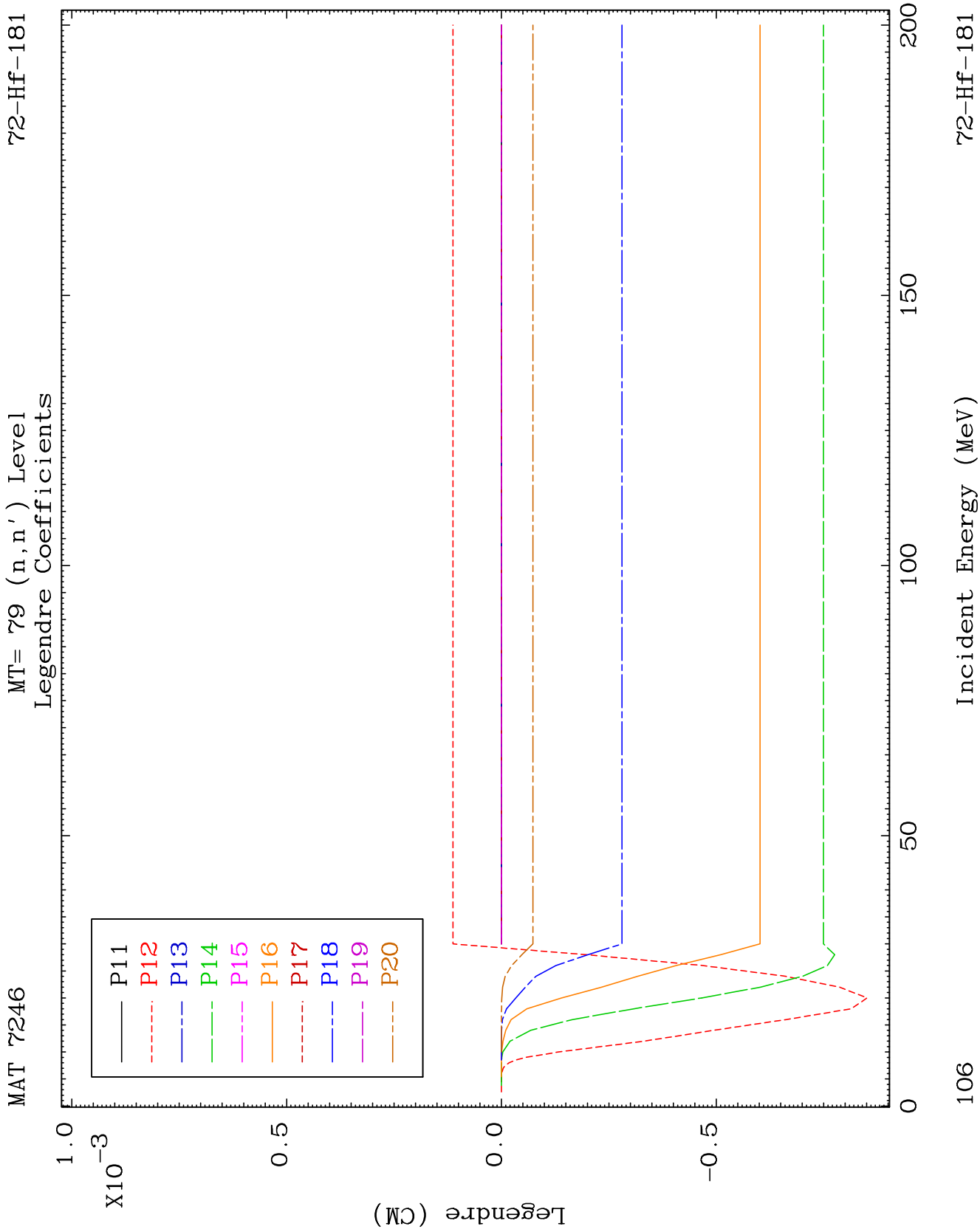


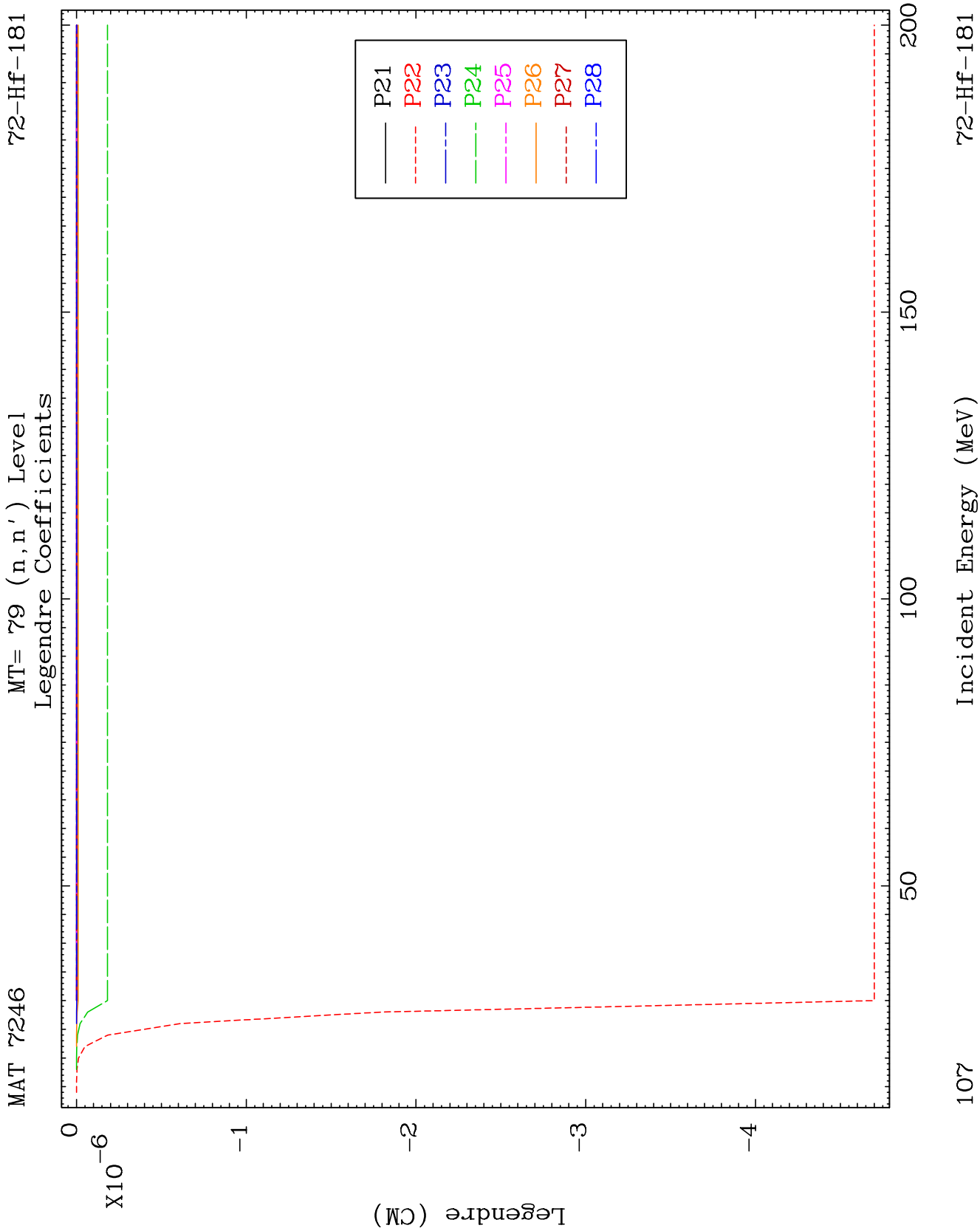


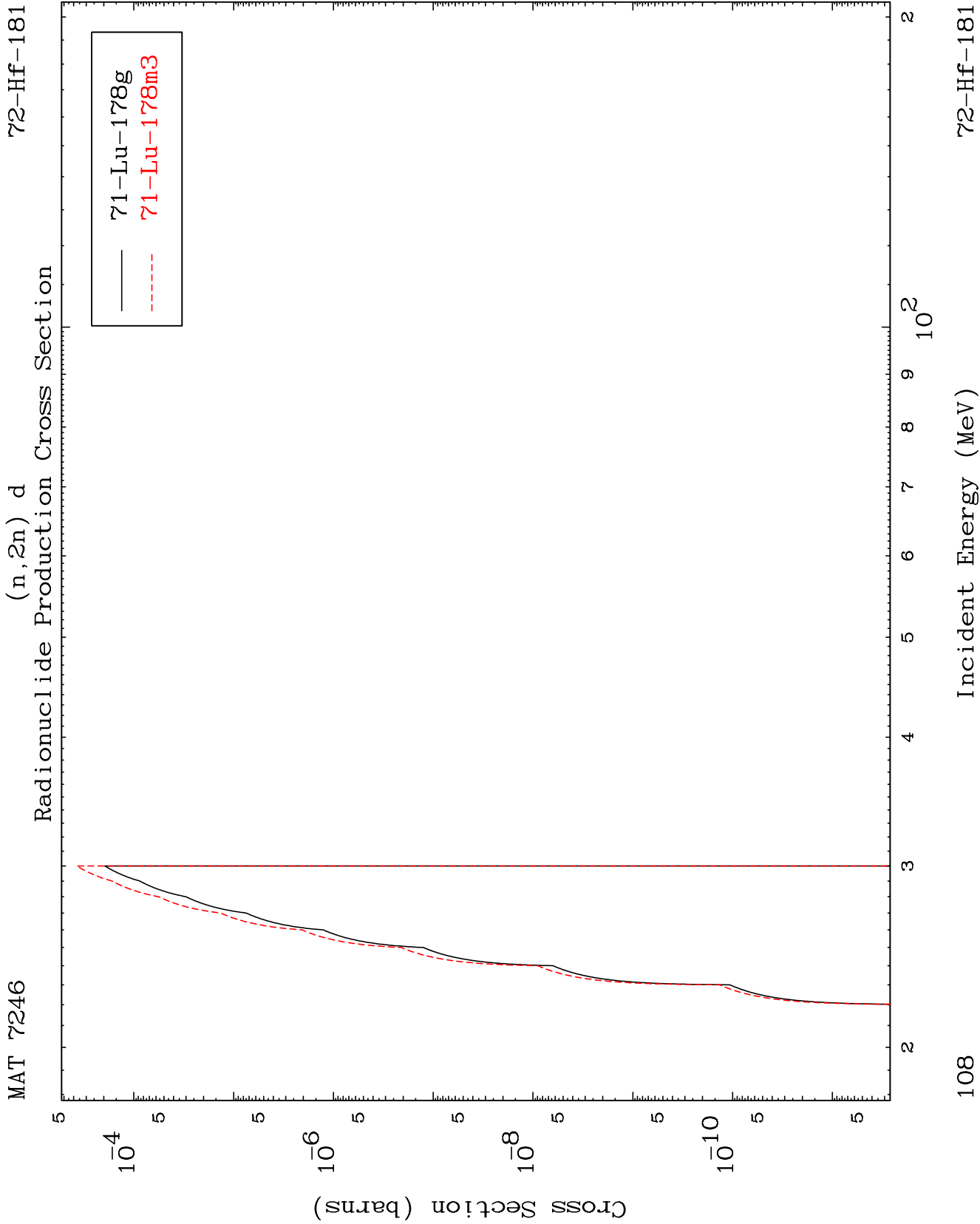


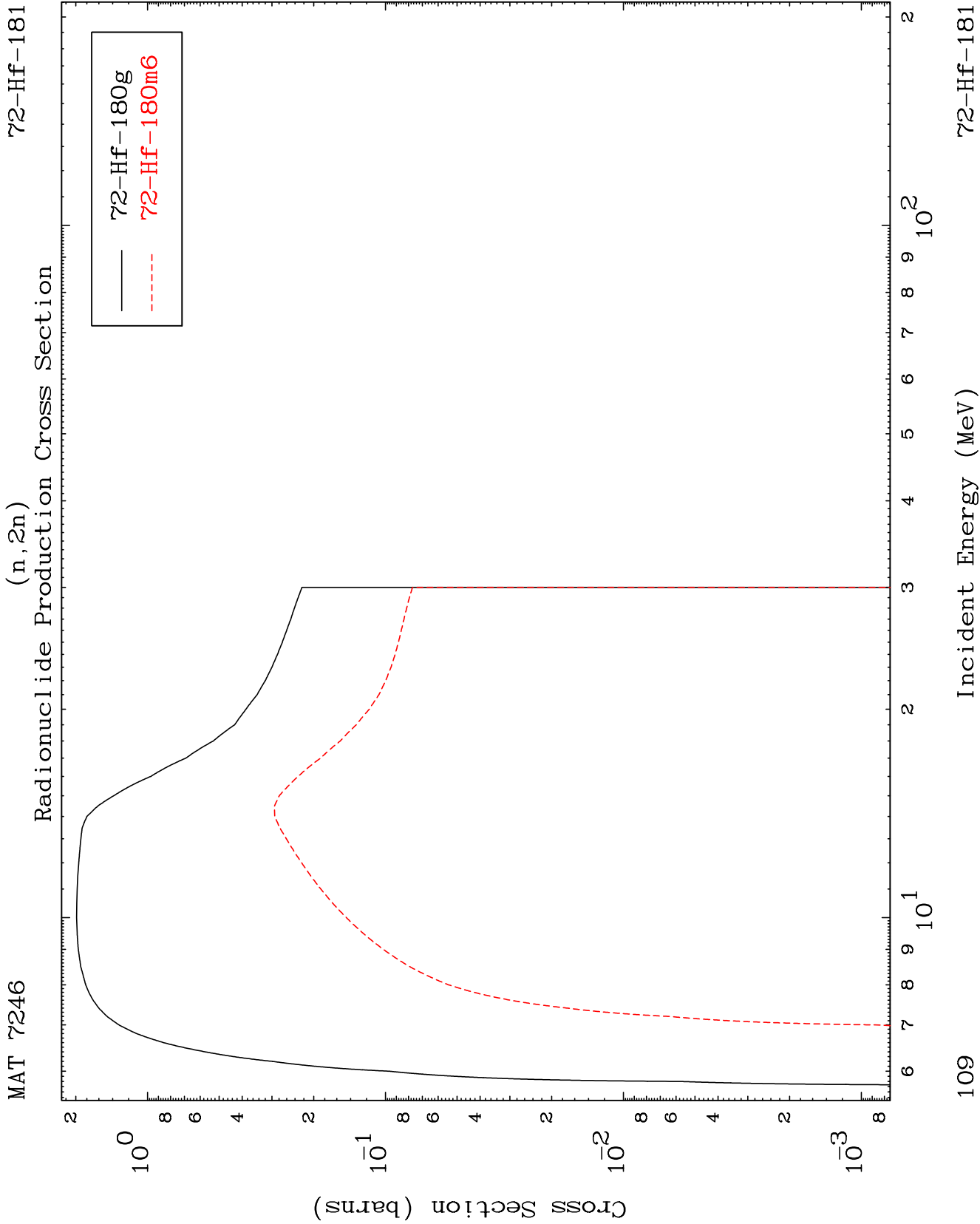


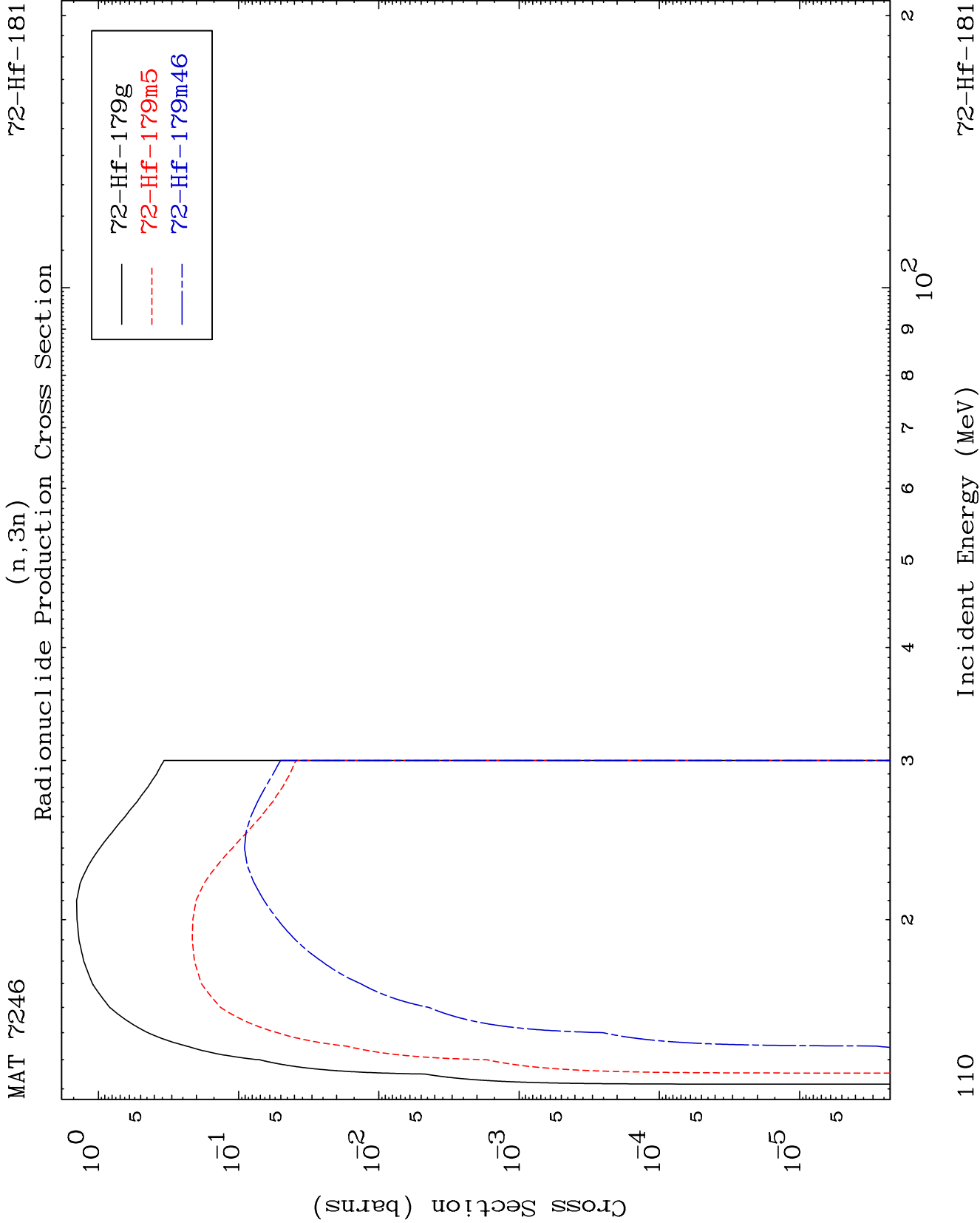










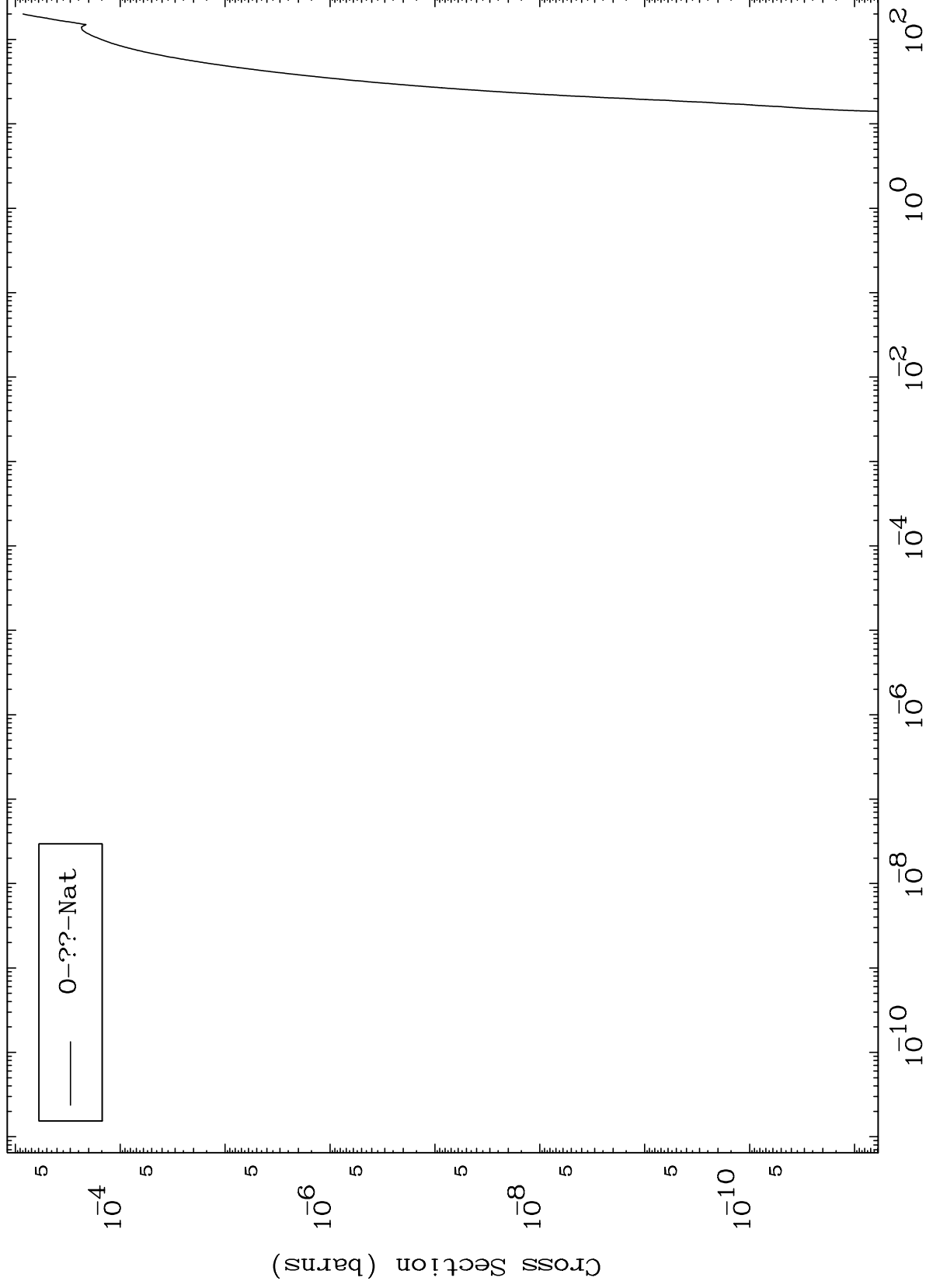


MAT 7246

Fission

72-Hf-181

Radionuclide Production Cross Section



111

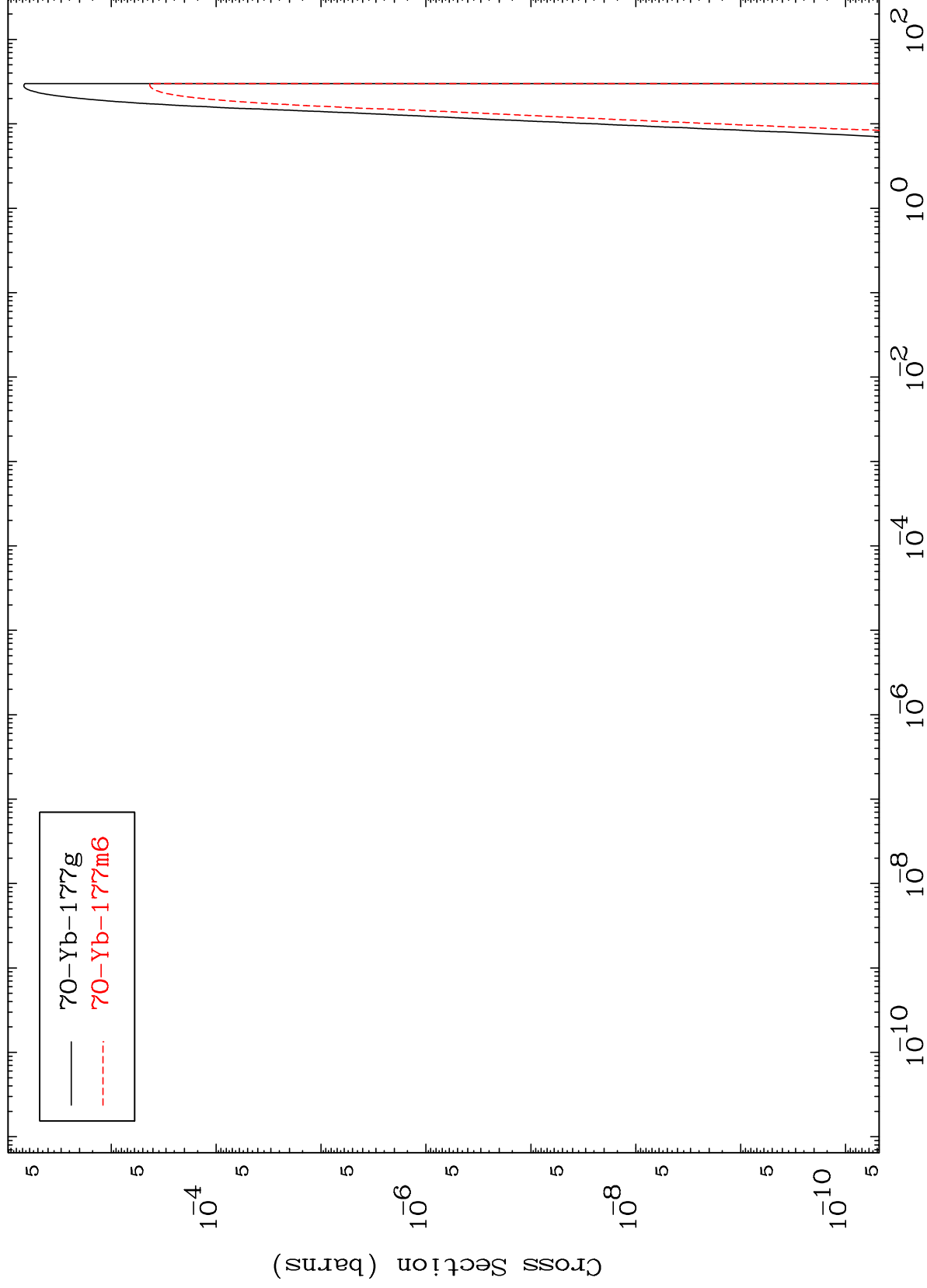
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

$(n,n') \alpha$
Radionuclide Production Cross Section



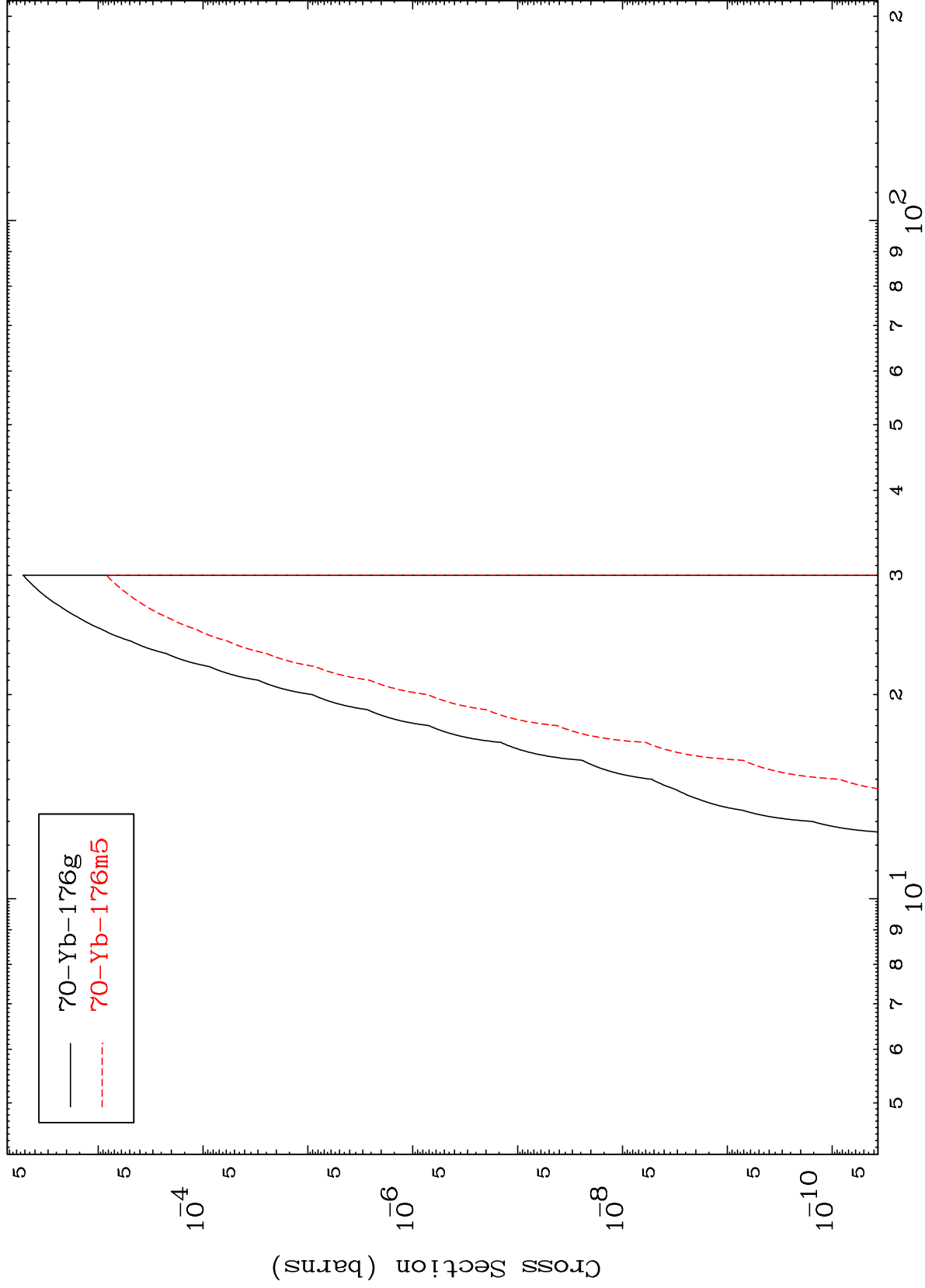
112

72-Hf-181

MAT 7246

72-Hf-181

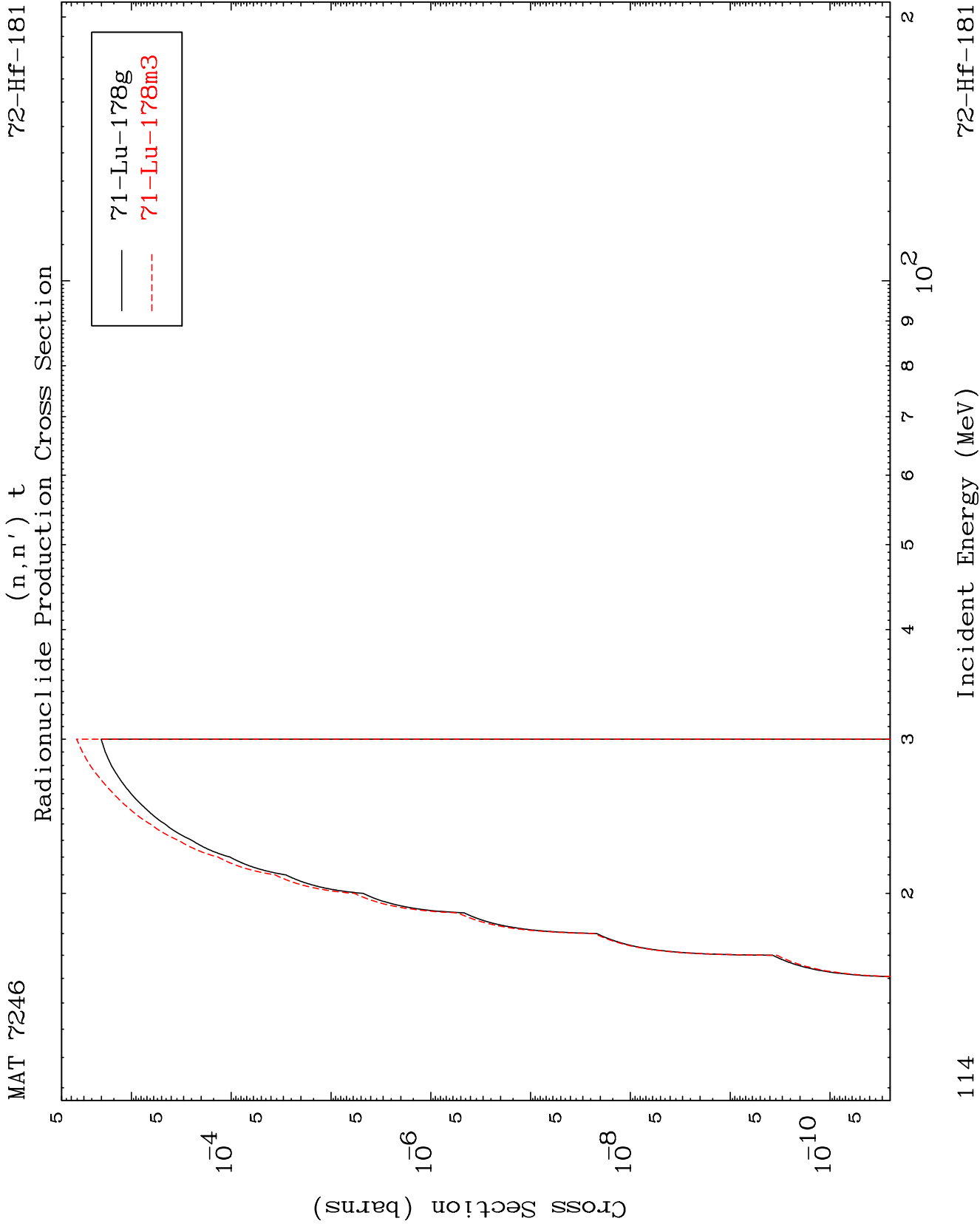
Radionuclide Production Cross Section
(n,2n) α

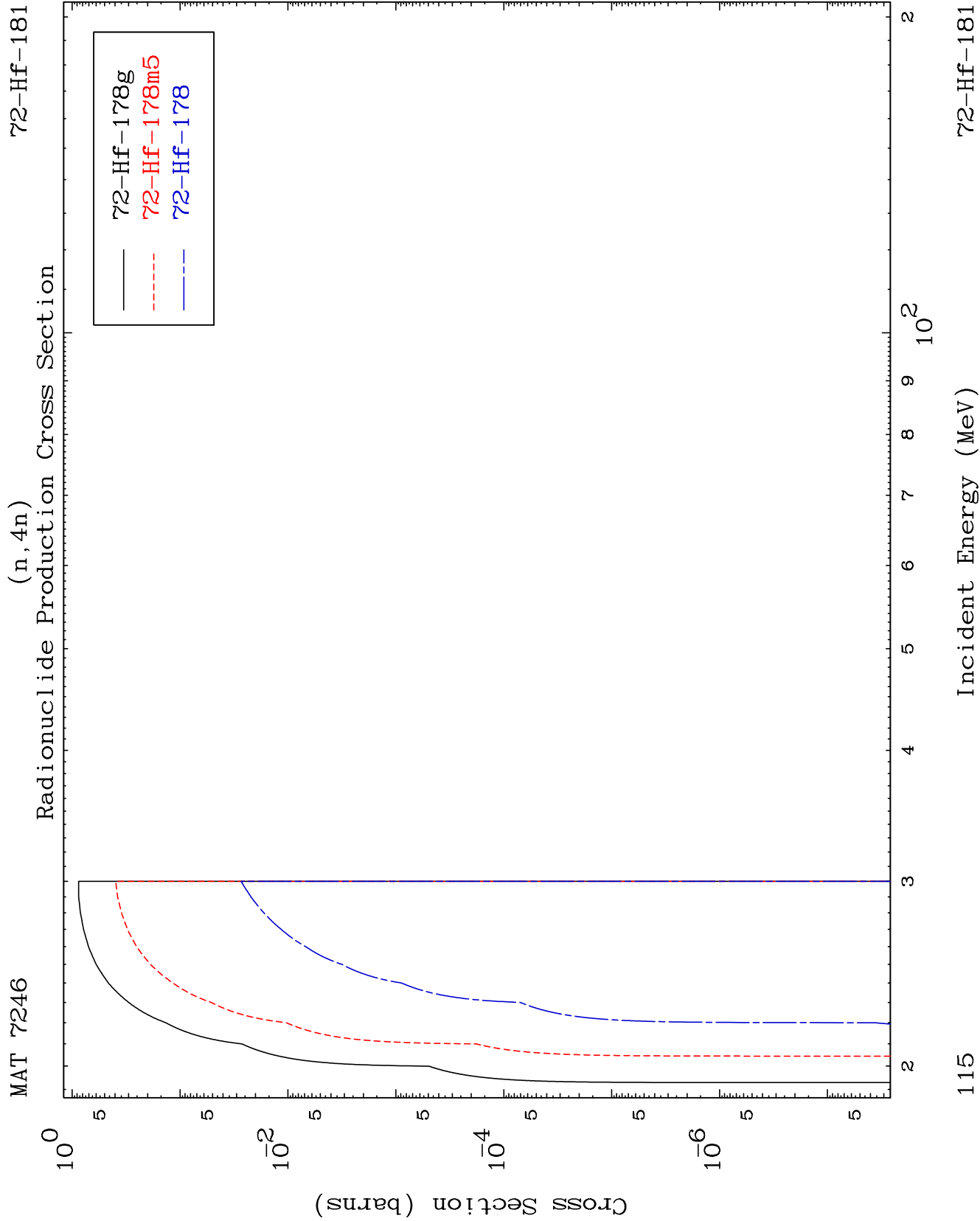


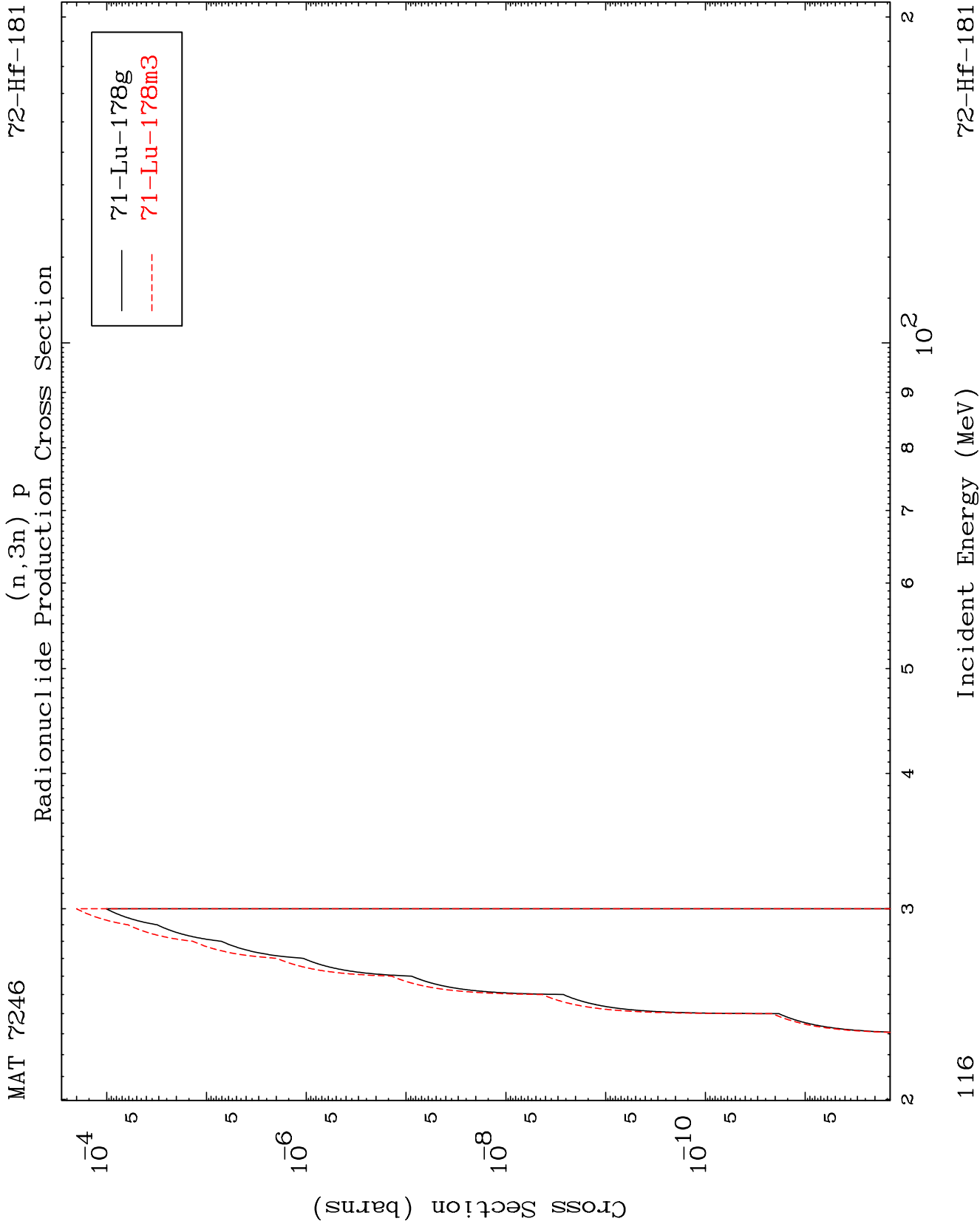
113

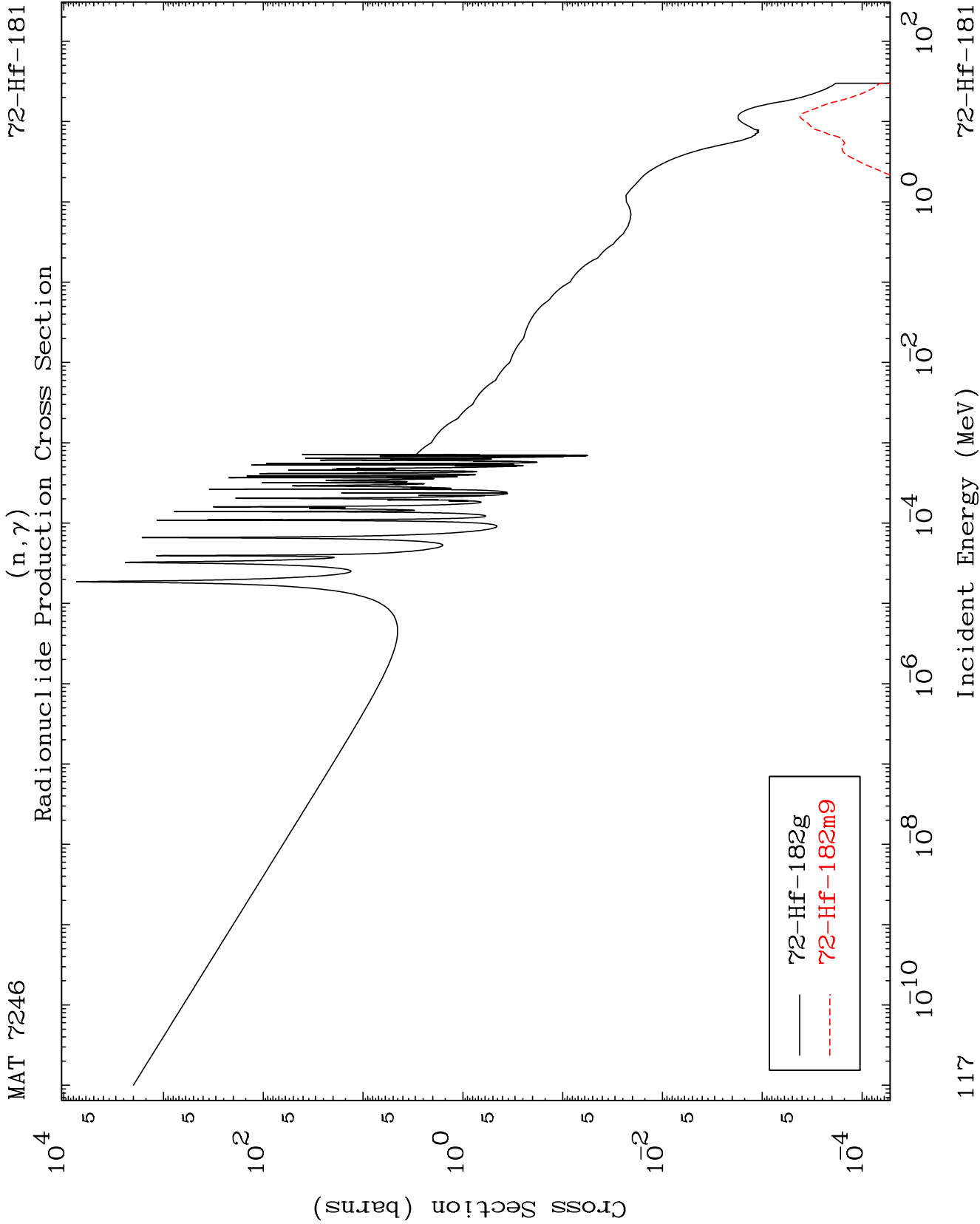
Incident Energy (MeV)

72-Hf-181









Radionuclide Production Cross Section
(n,p) α

