

Program EVALPLOT
(Version 2021-1)

by

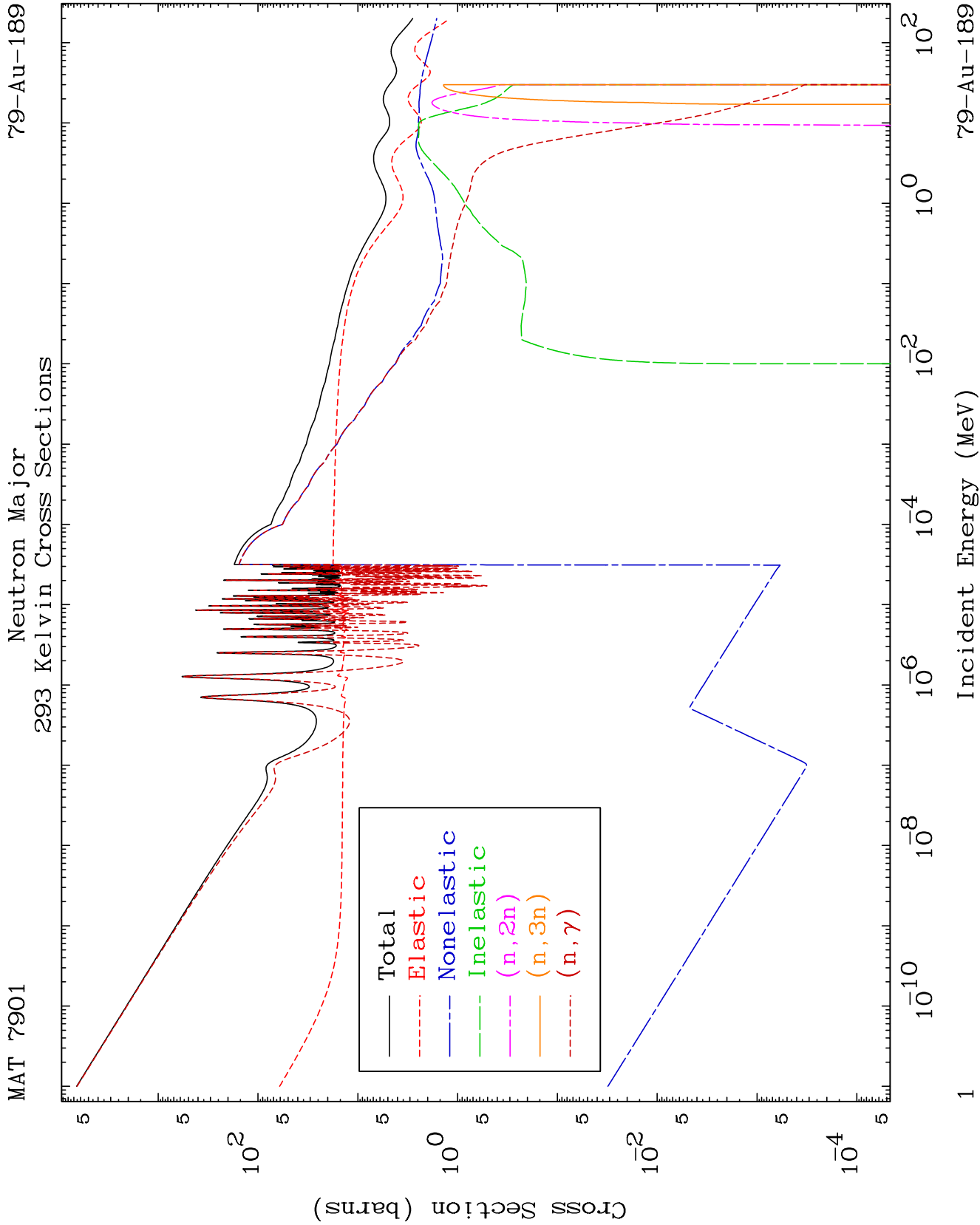
Dermott E. Cullen
(Present Contact Information)

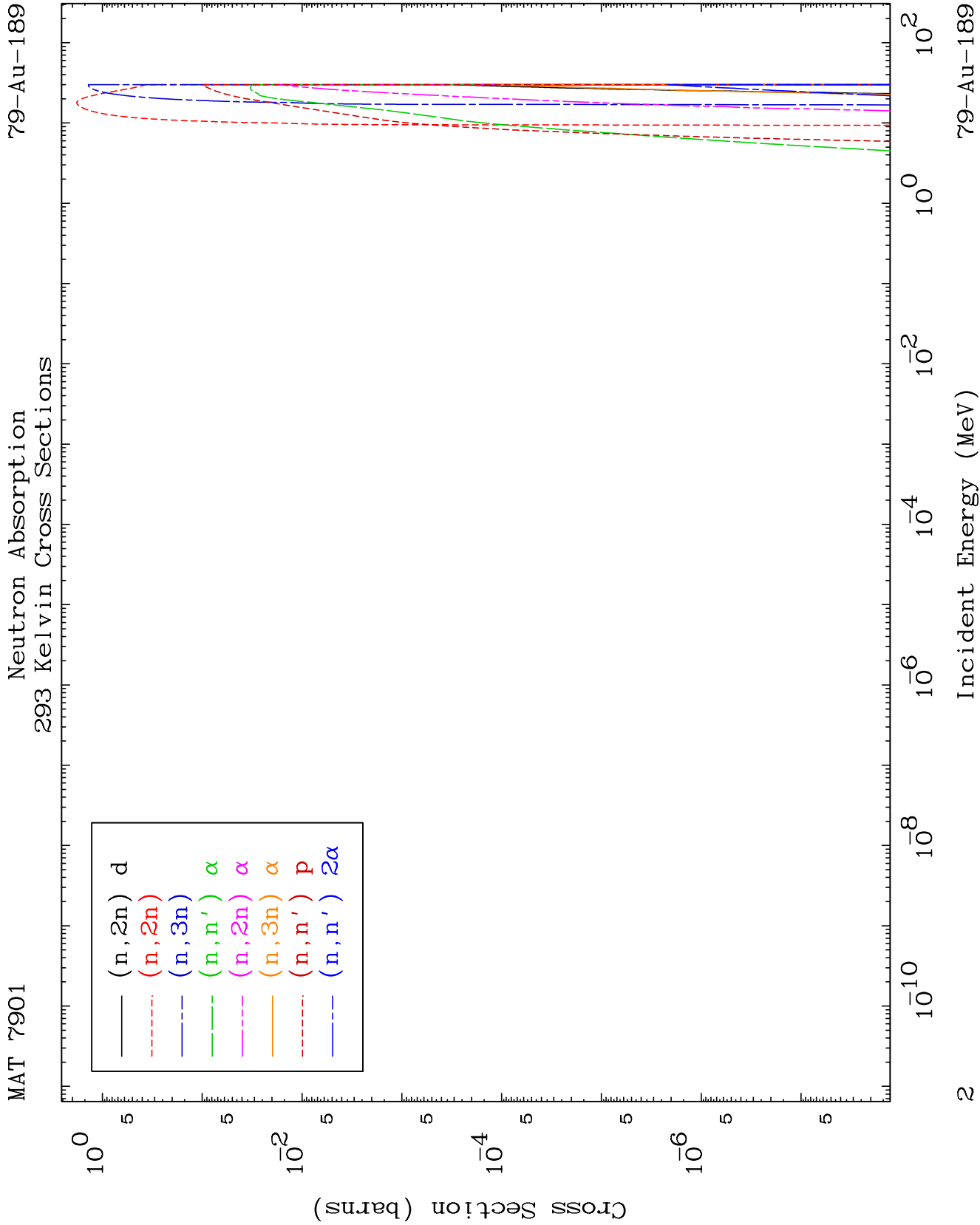
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

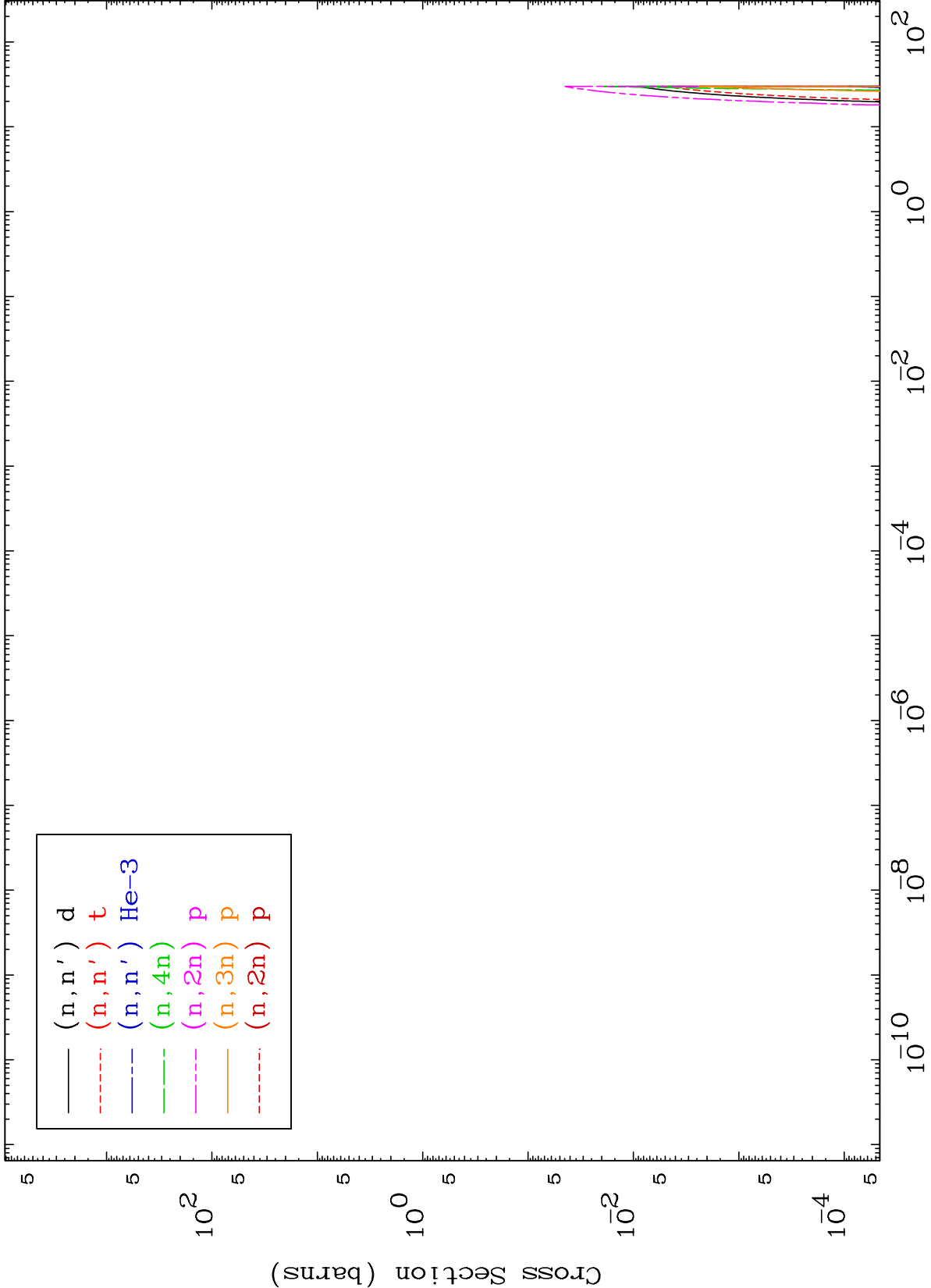
Tele: 925-443-1911

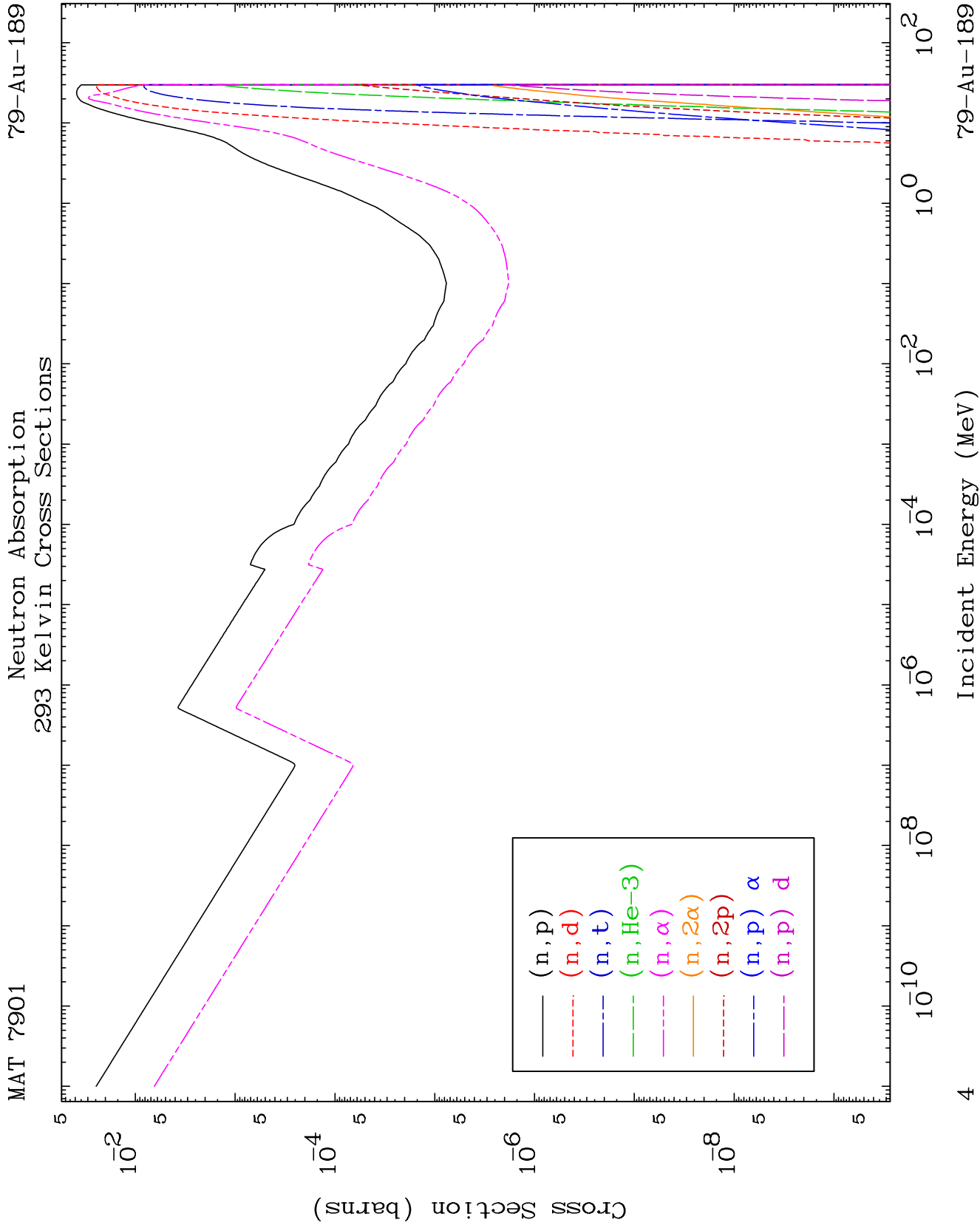
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

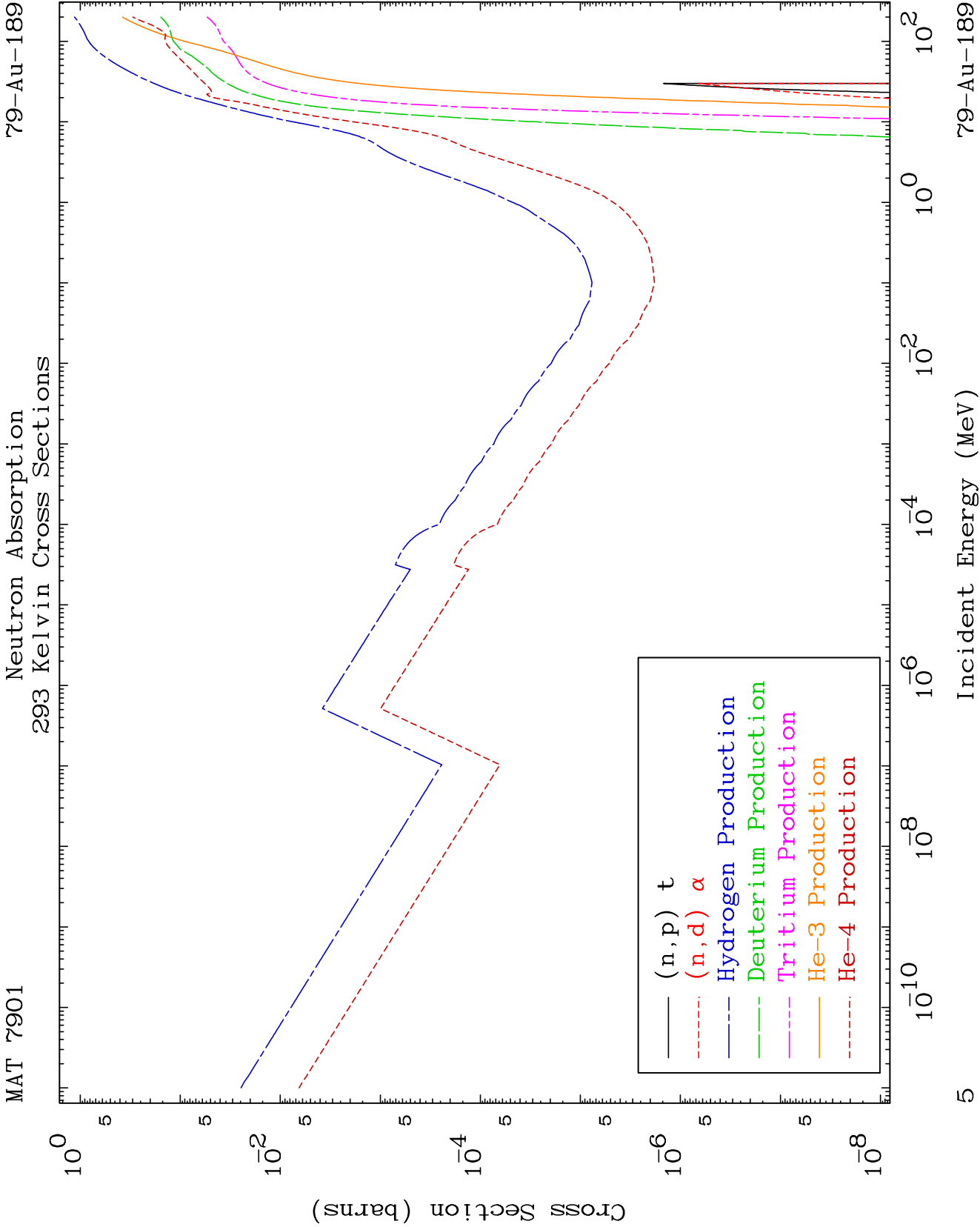
Press Mouse Button to Start

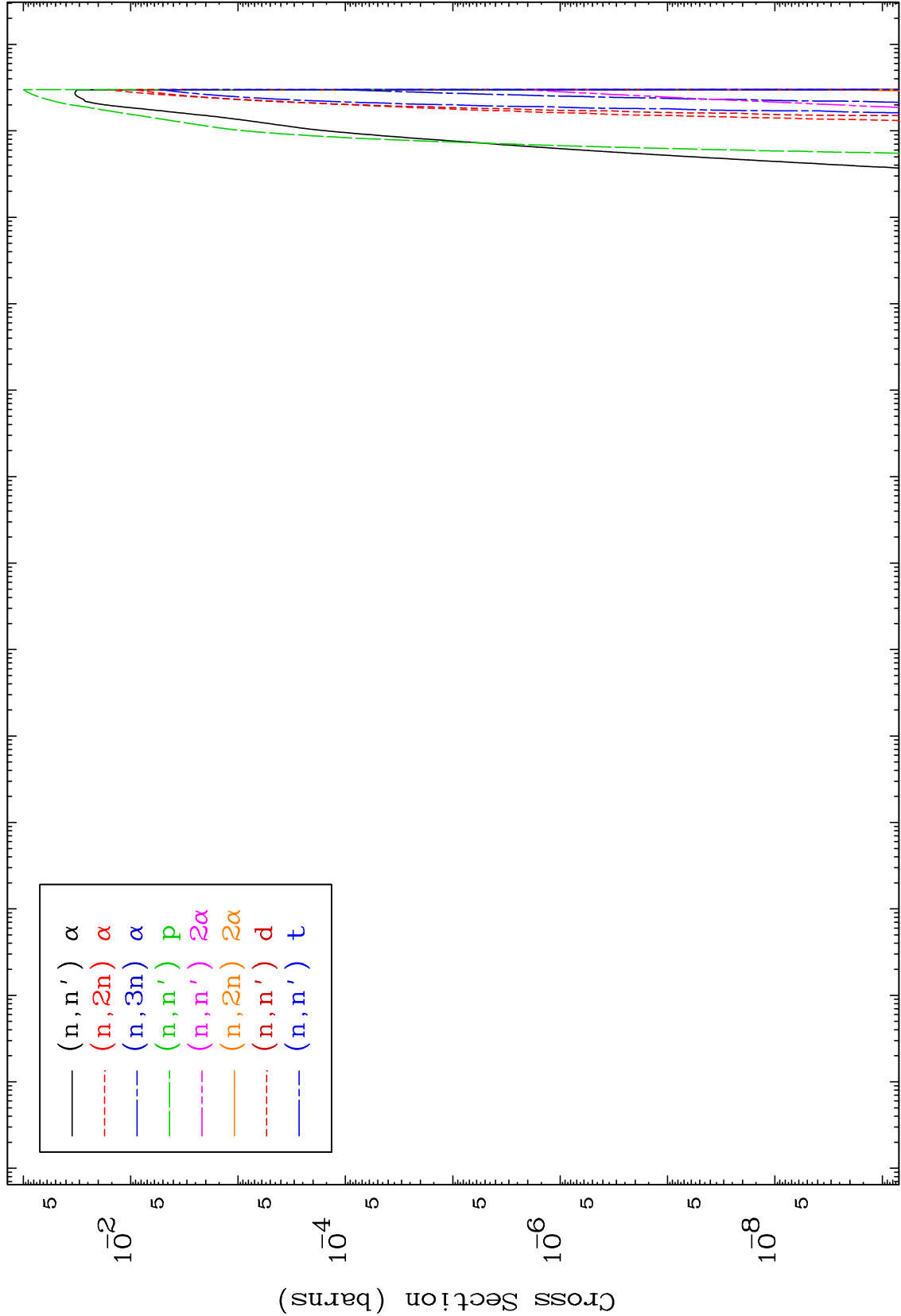


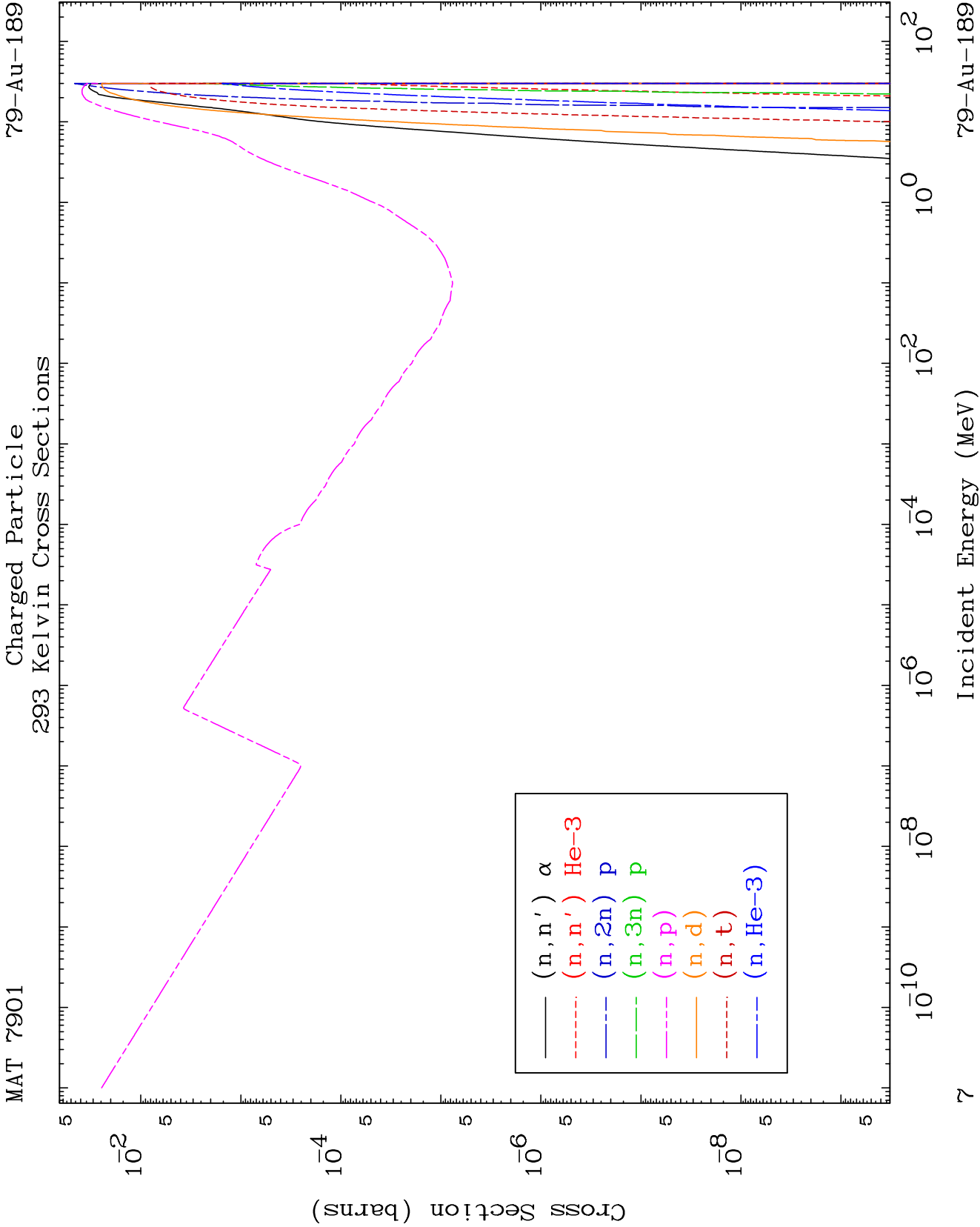


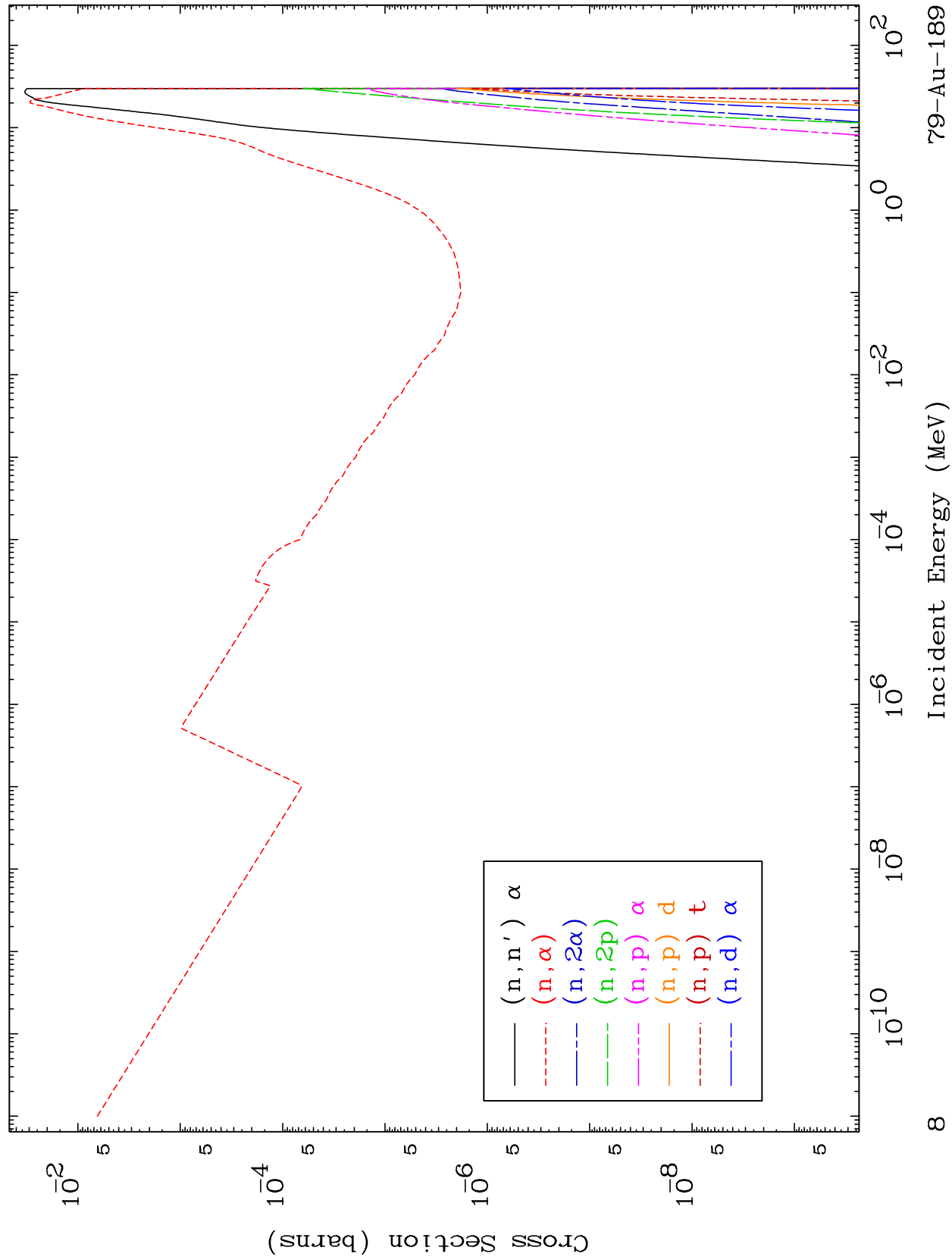


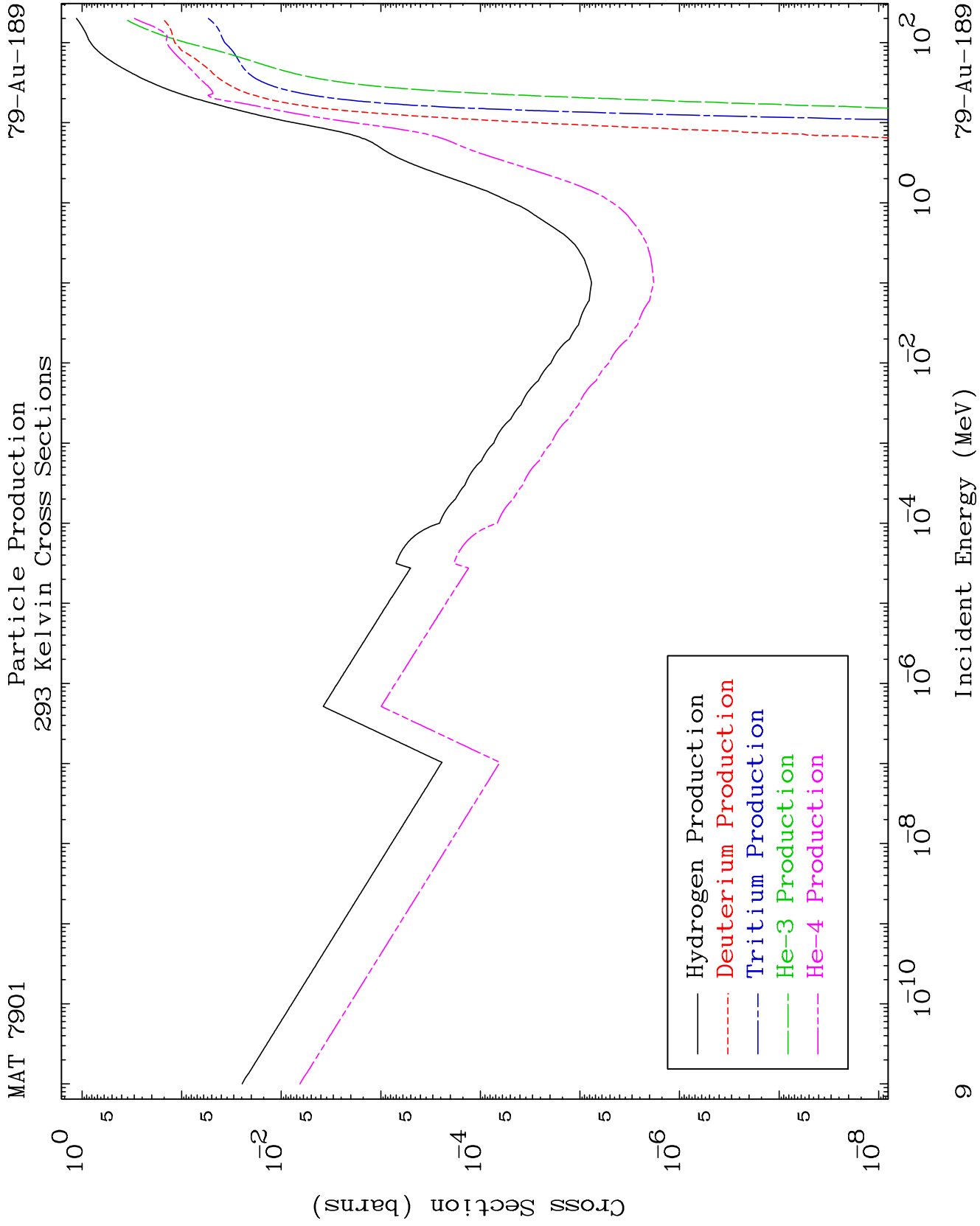










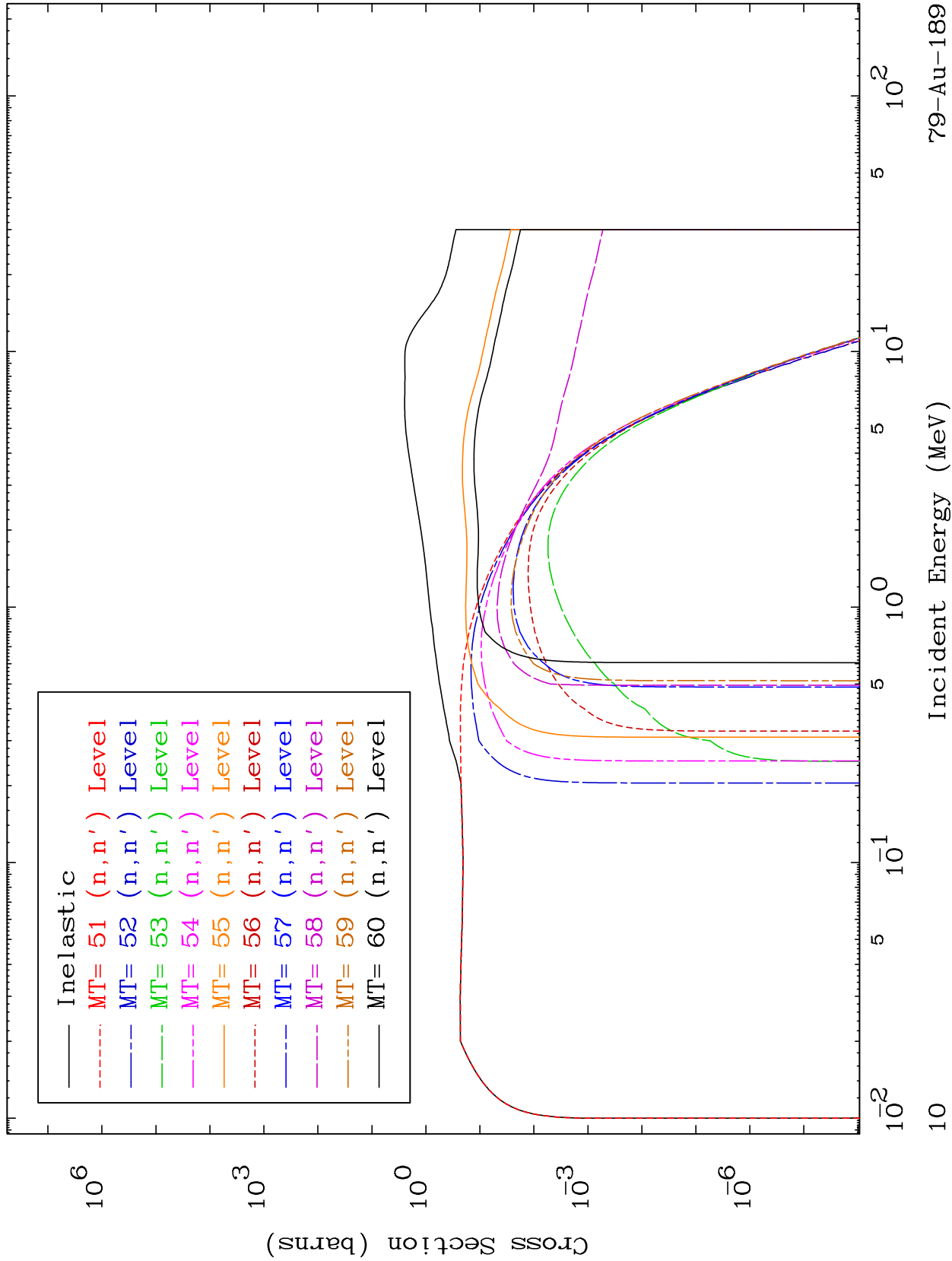


MAT 7901

(n,n') Levels

293 Kelvin Cross Sections

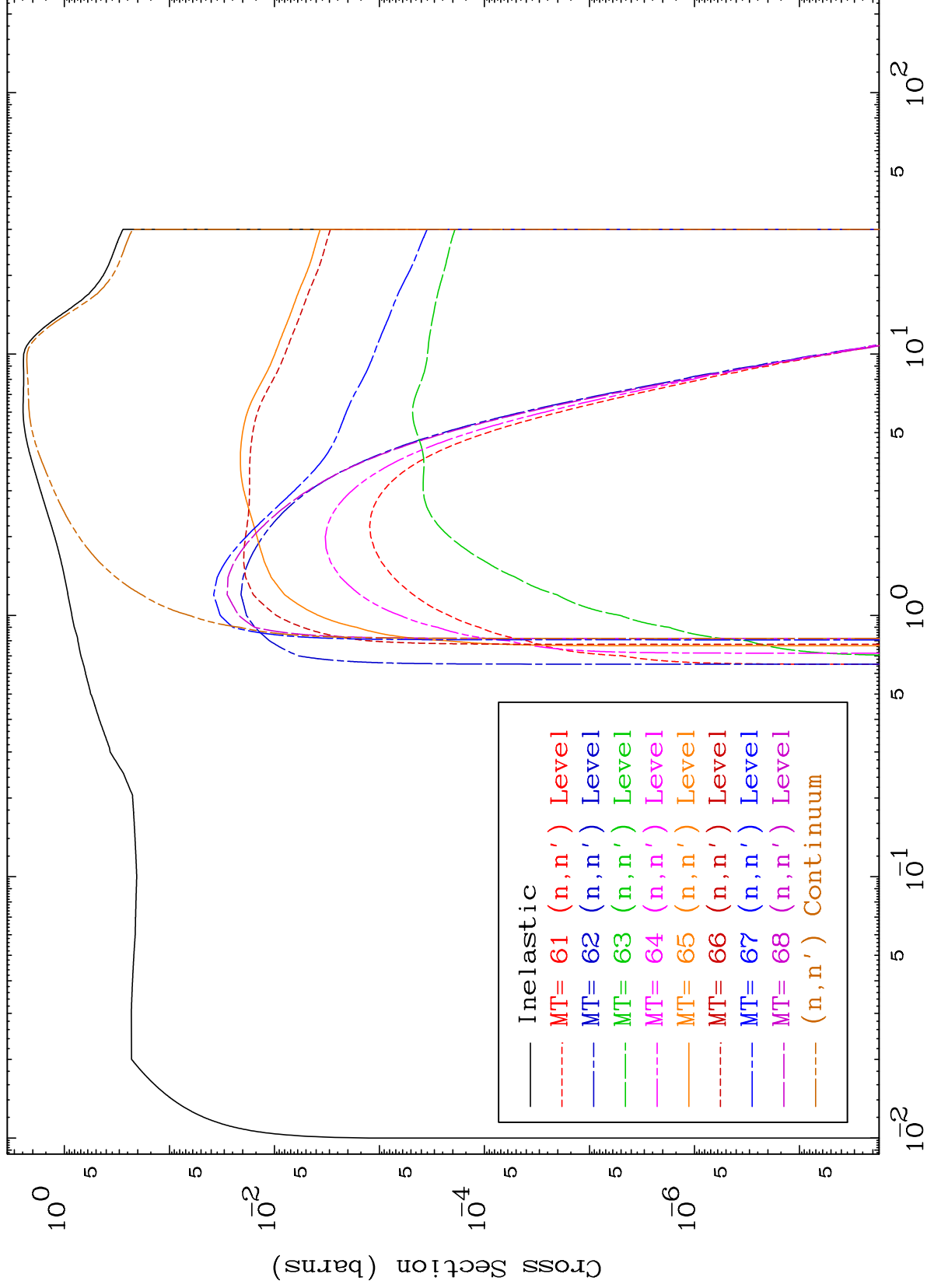
79-Au-189



MAT 7901

79-Au-189

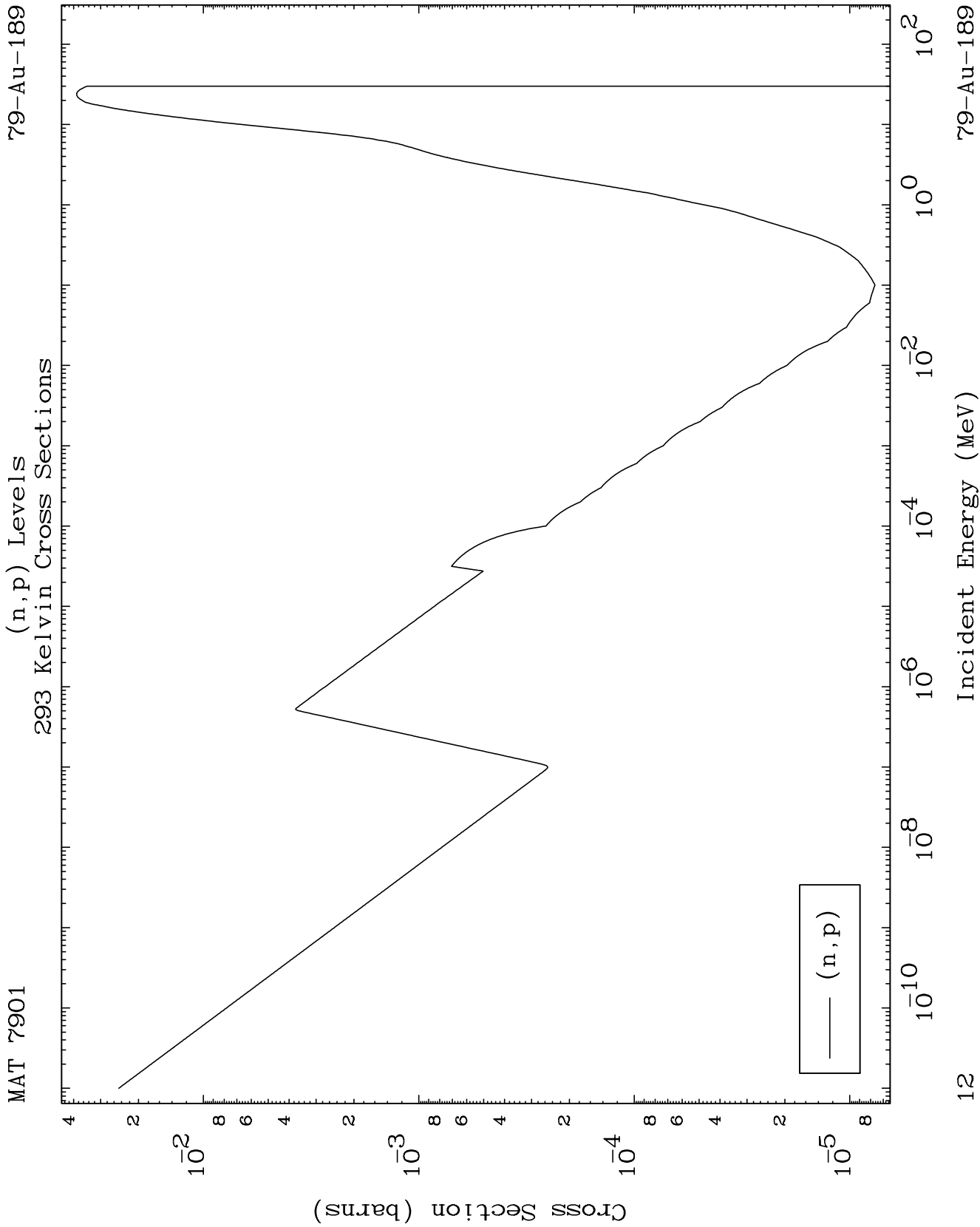
(n,n') Levels
293 Kelvin Cross Sections



79-Au-189

Incident Energy (MeV)

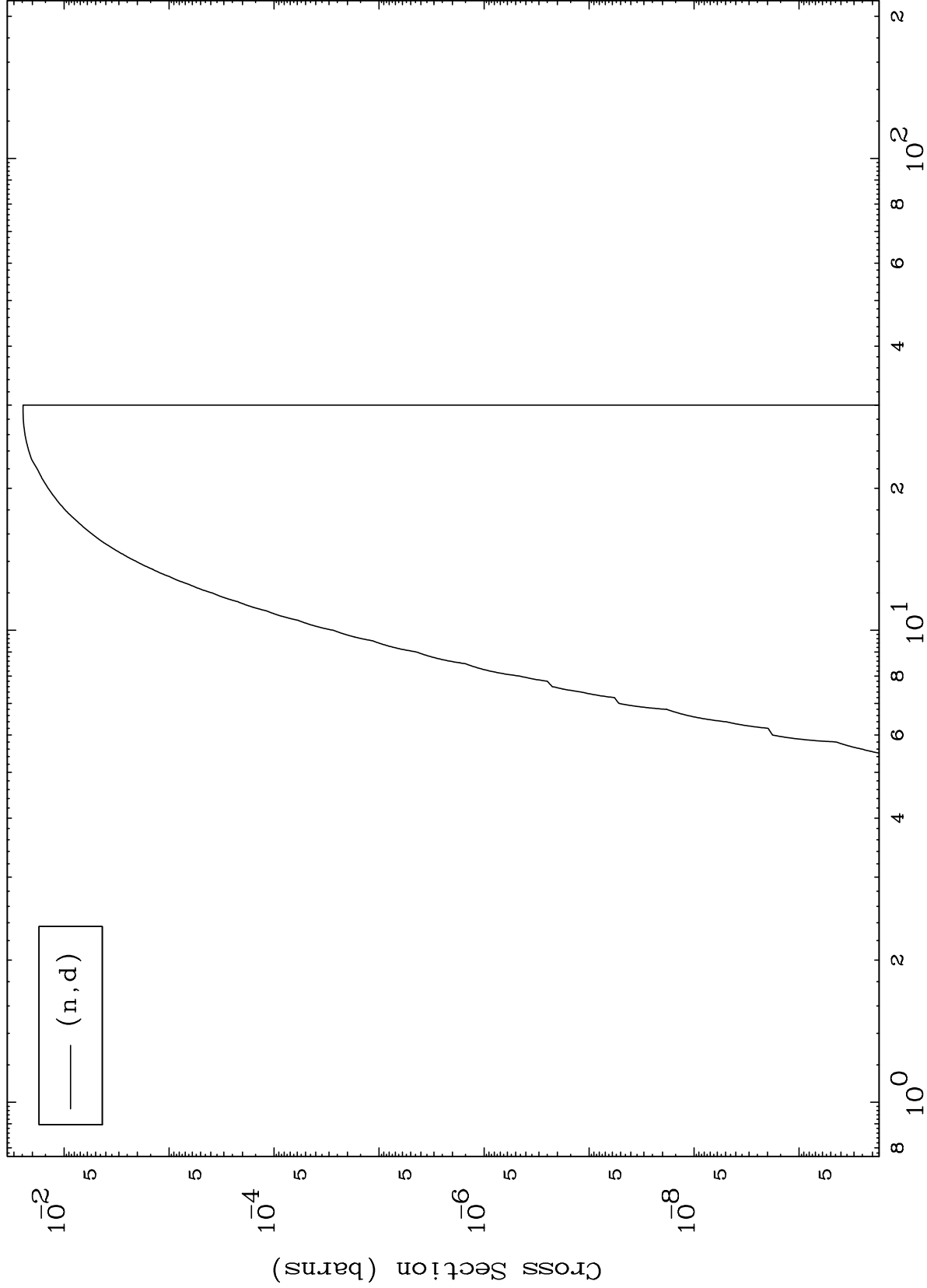
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MAT 7901

79-Au-189

(n,d) Levels
293 Kelvin Cross Sections



79-Au-189

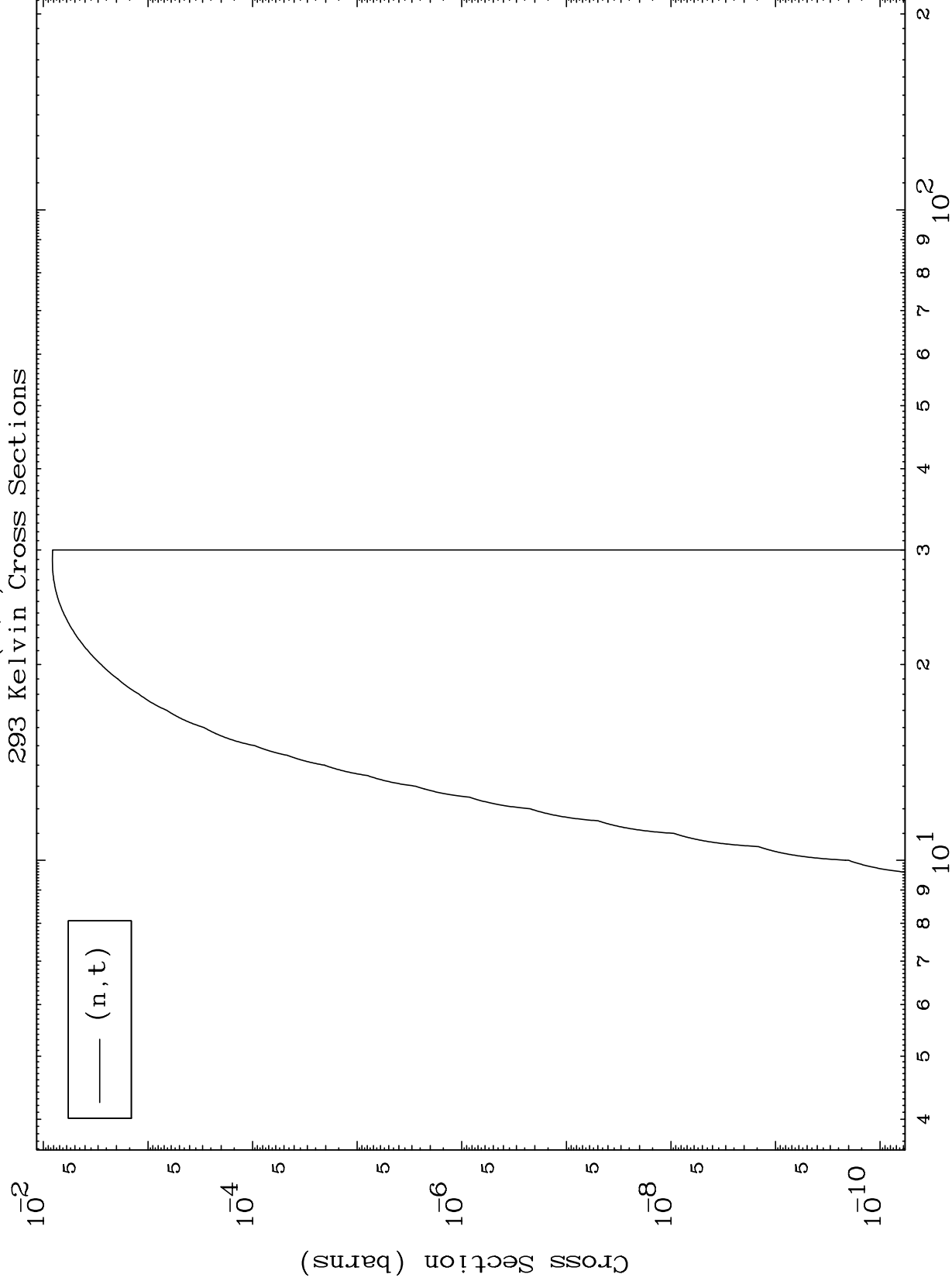
Incident Energy (MeV)

13

MAT 7901

79-Au-189

(n, t) Levels
293 Kelvin Cross Sections



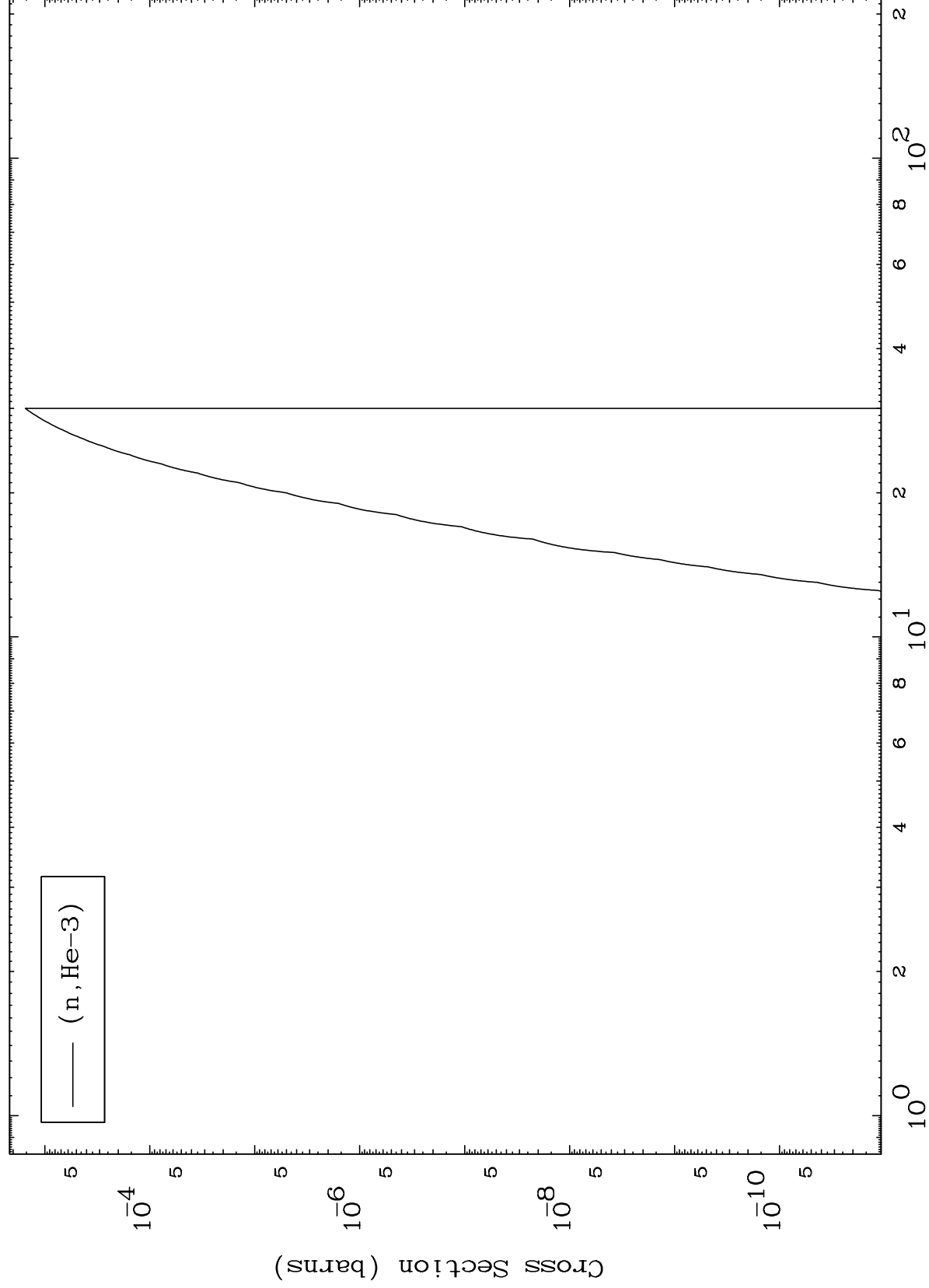
79-Au-189

Incident Energy (MeV)

MAT 7901

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-189



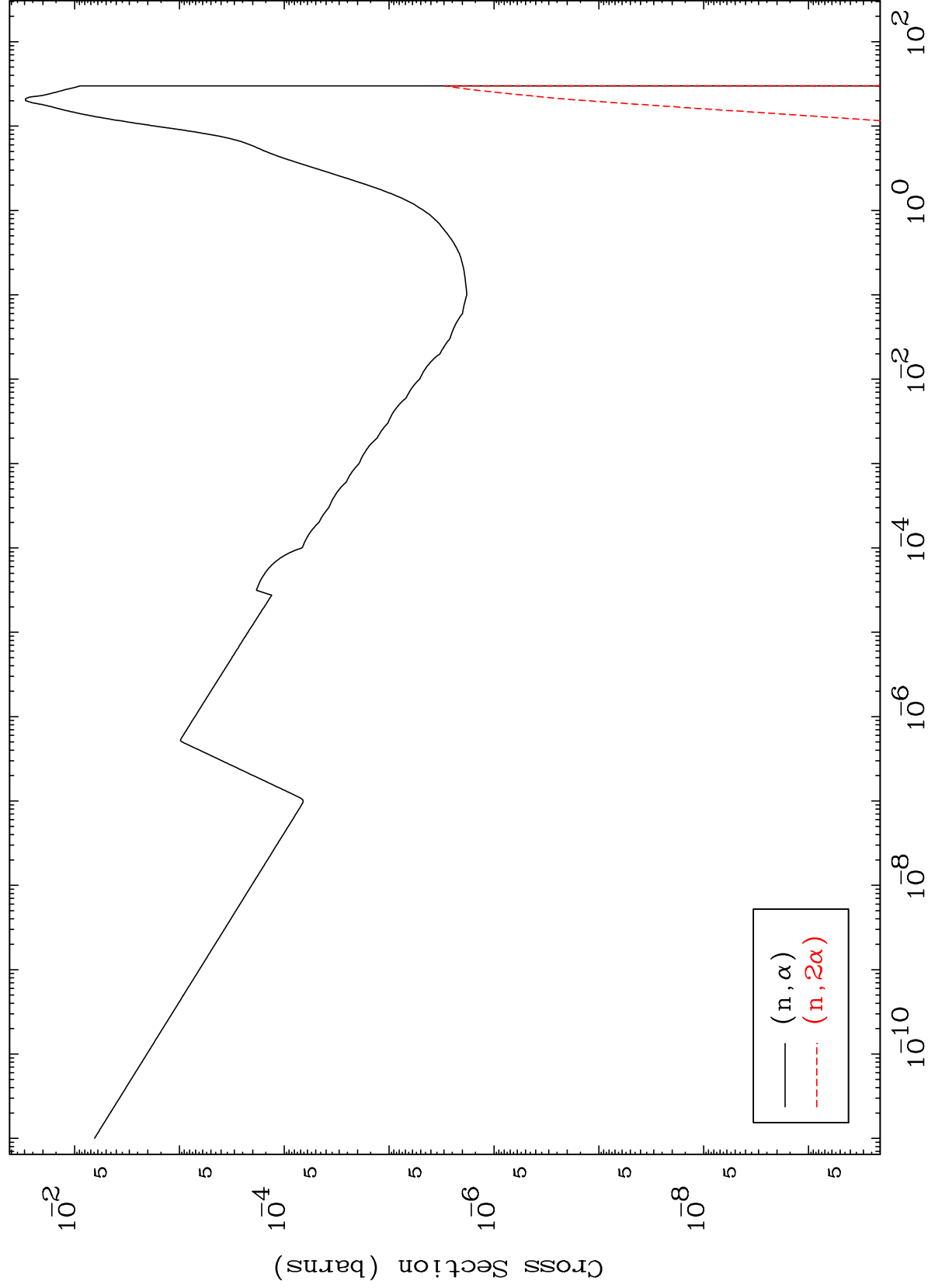
Incident Energy (MeV)

79-Au-189

MAT 7901

(n, α) Levels
293 Kelvin Cross Sections

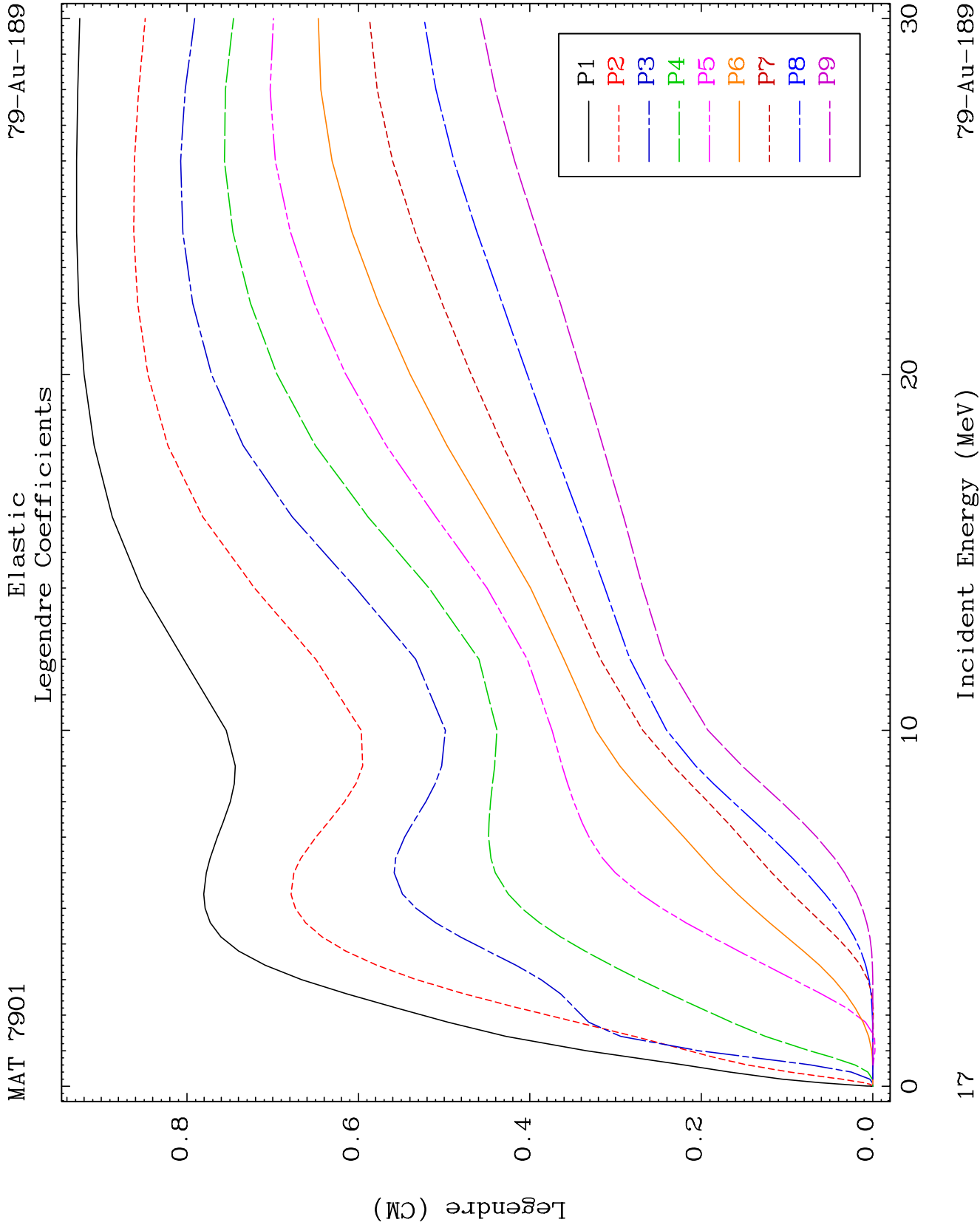
79-Au-189

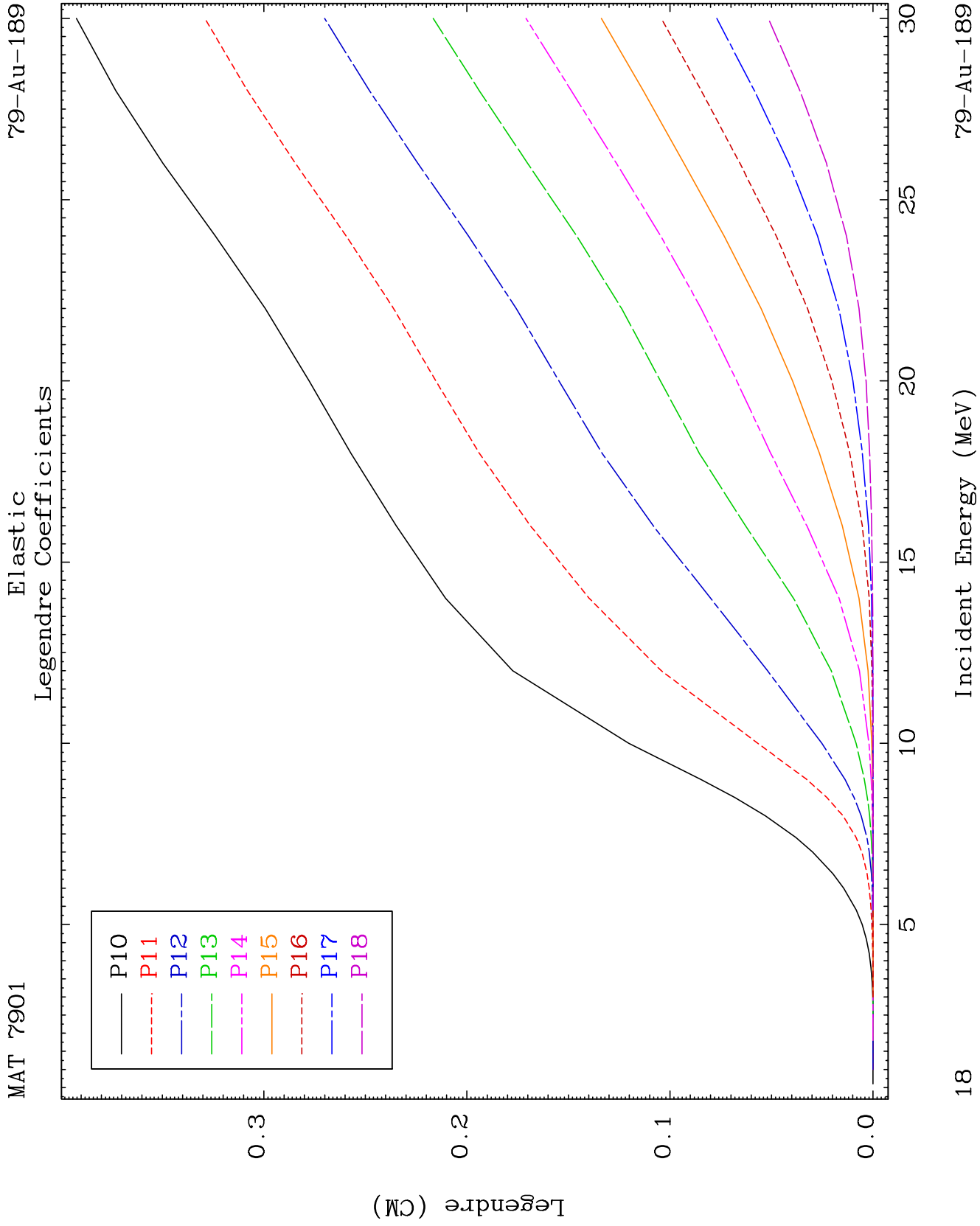


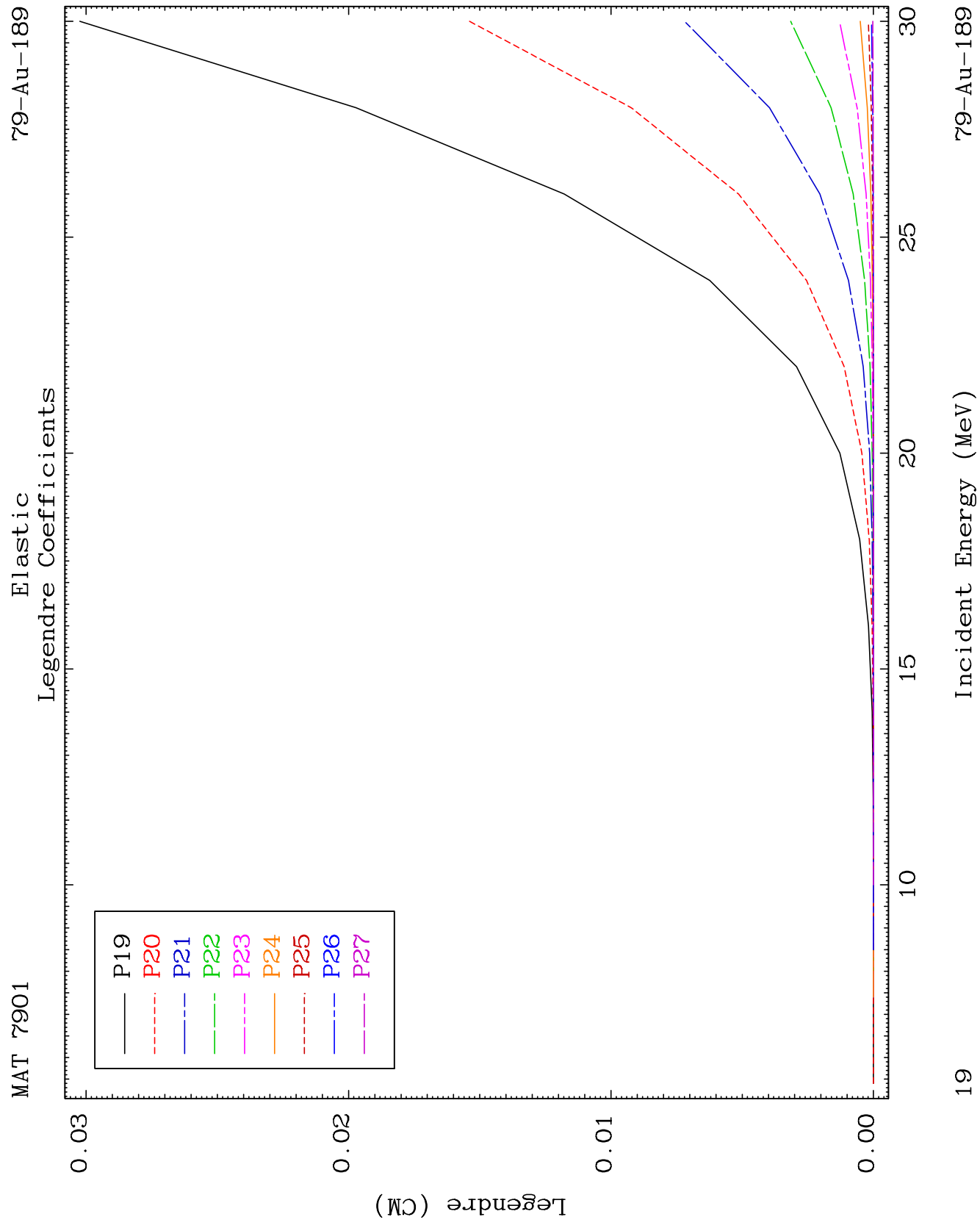
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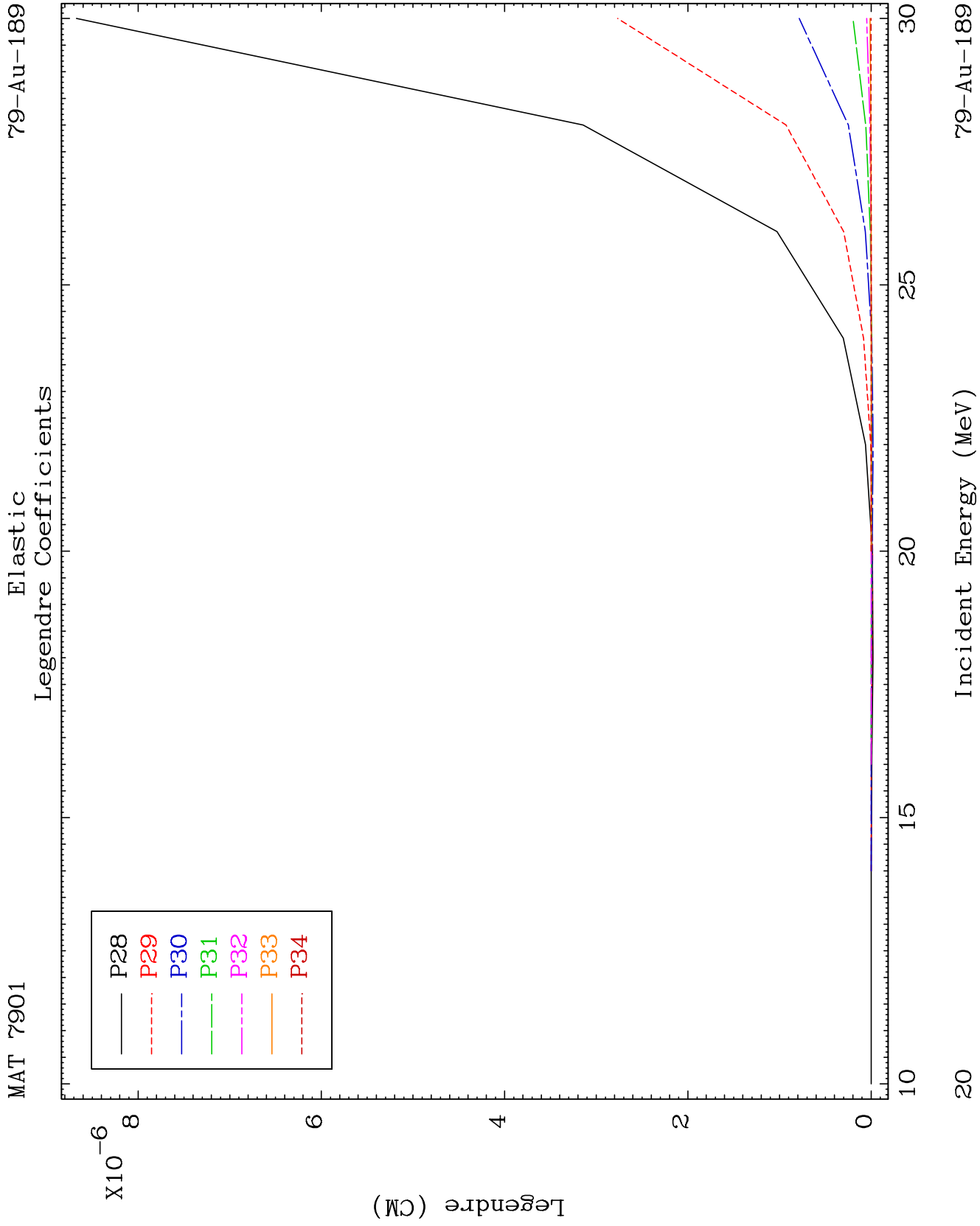
Incident Energy (MeV)

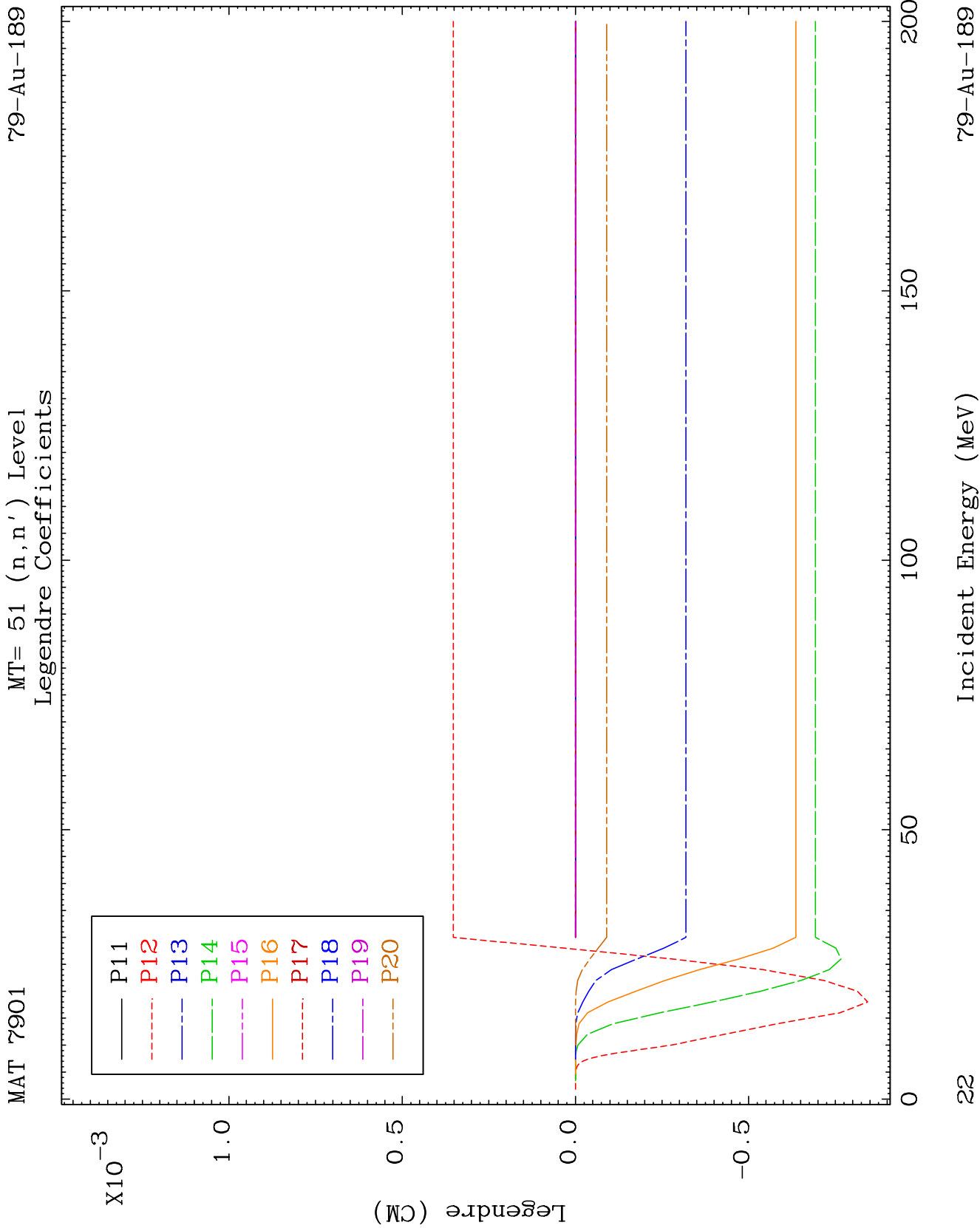
79-Au-189

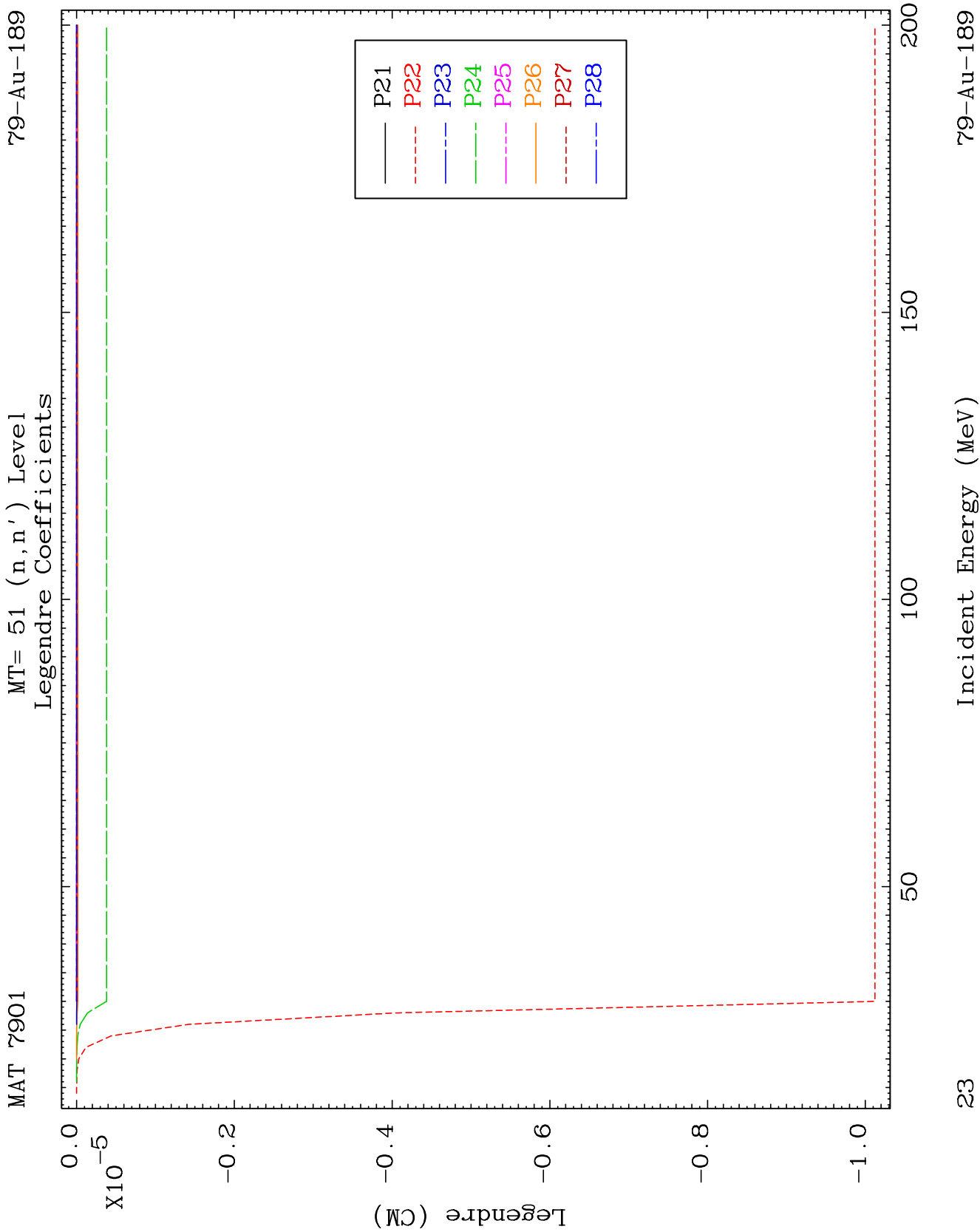








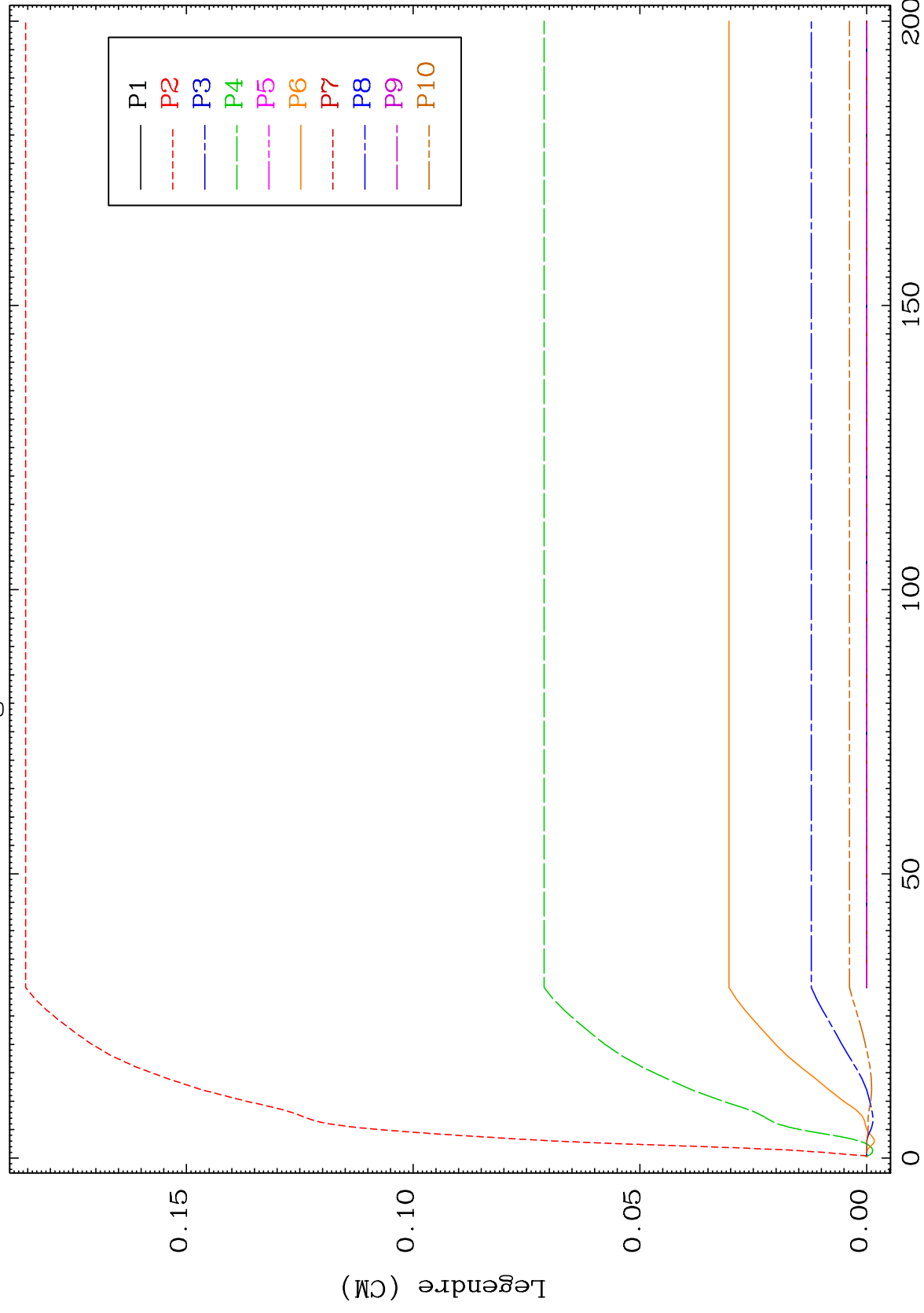




MAT 7901

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

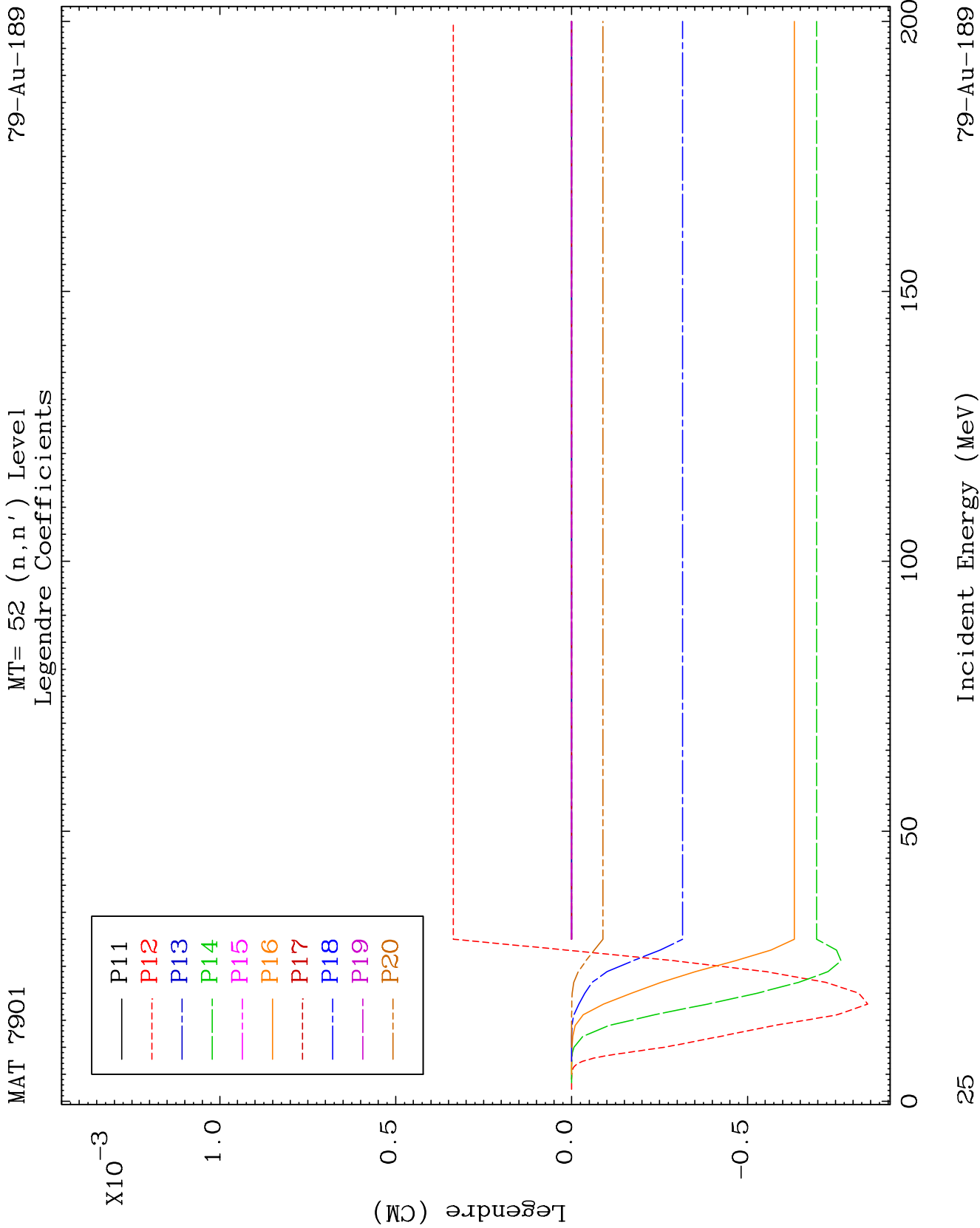
79-Au-189

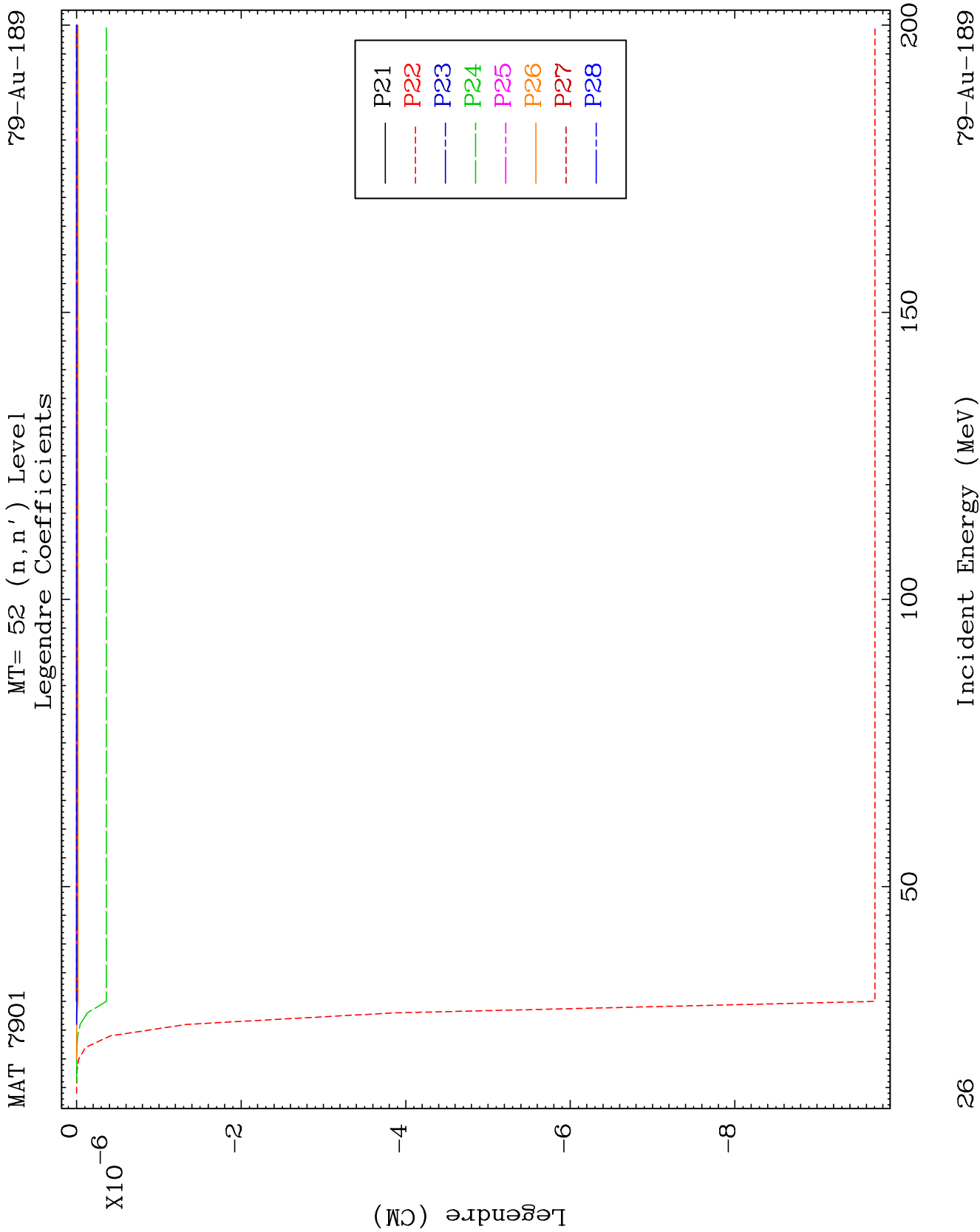


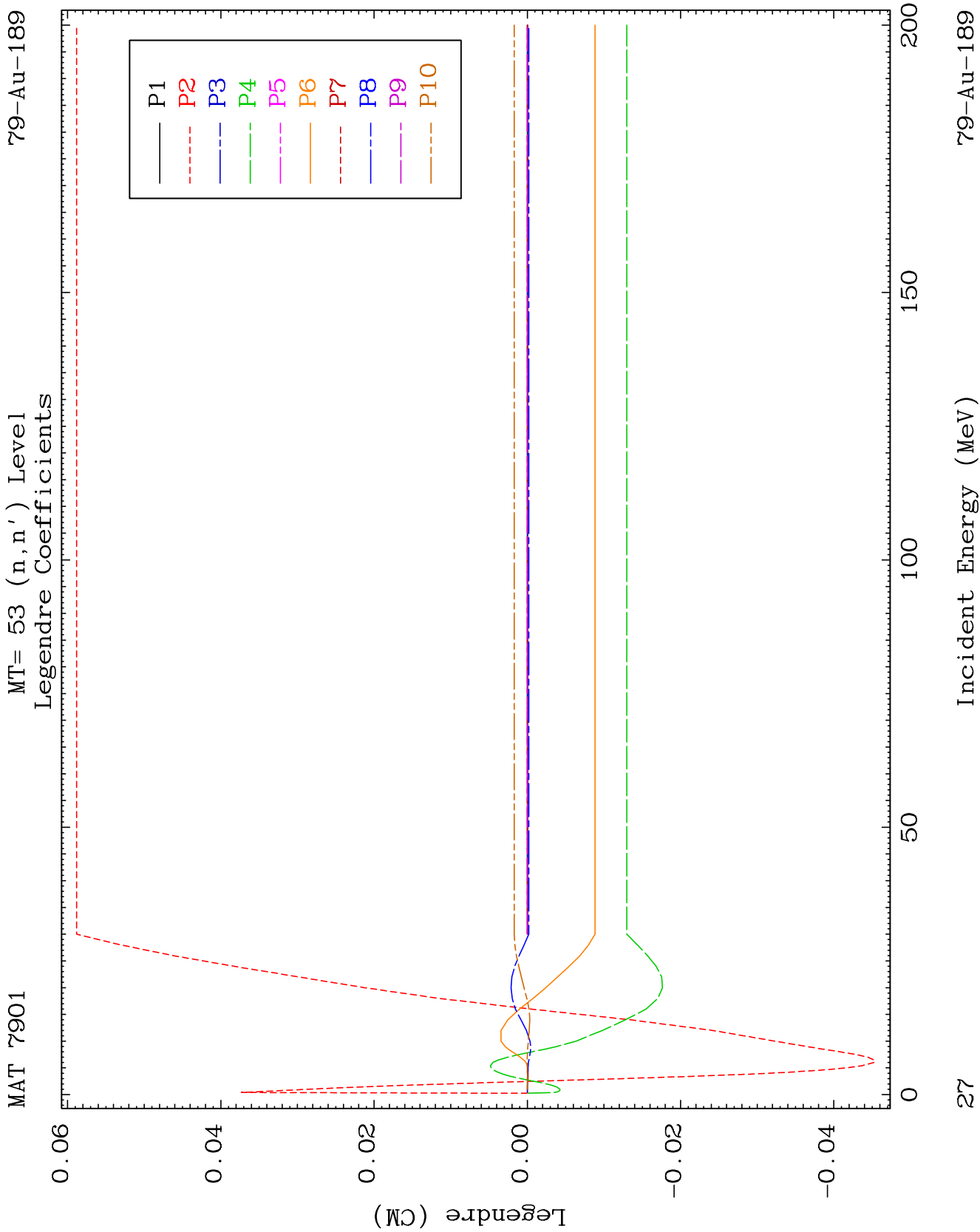
24

Incident Energy (MeV)

79-Au-189



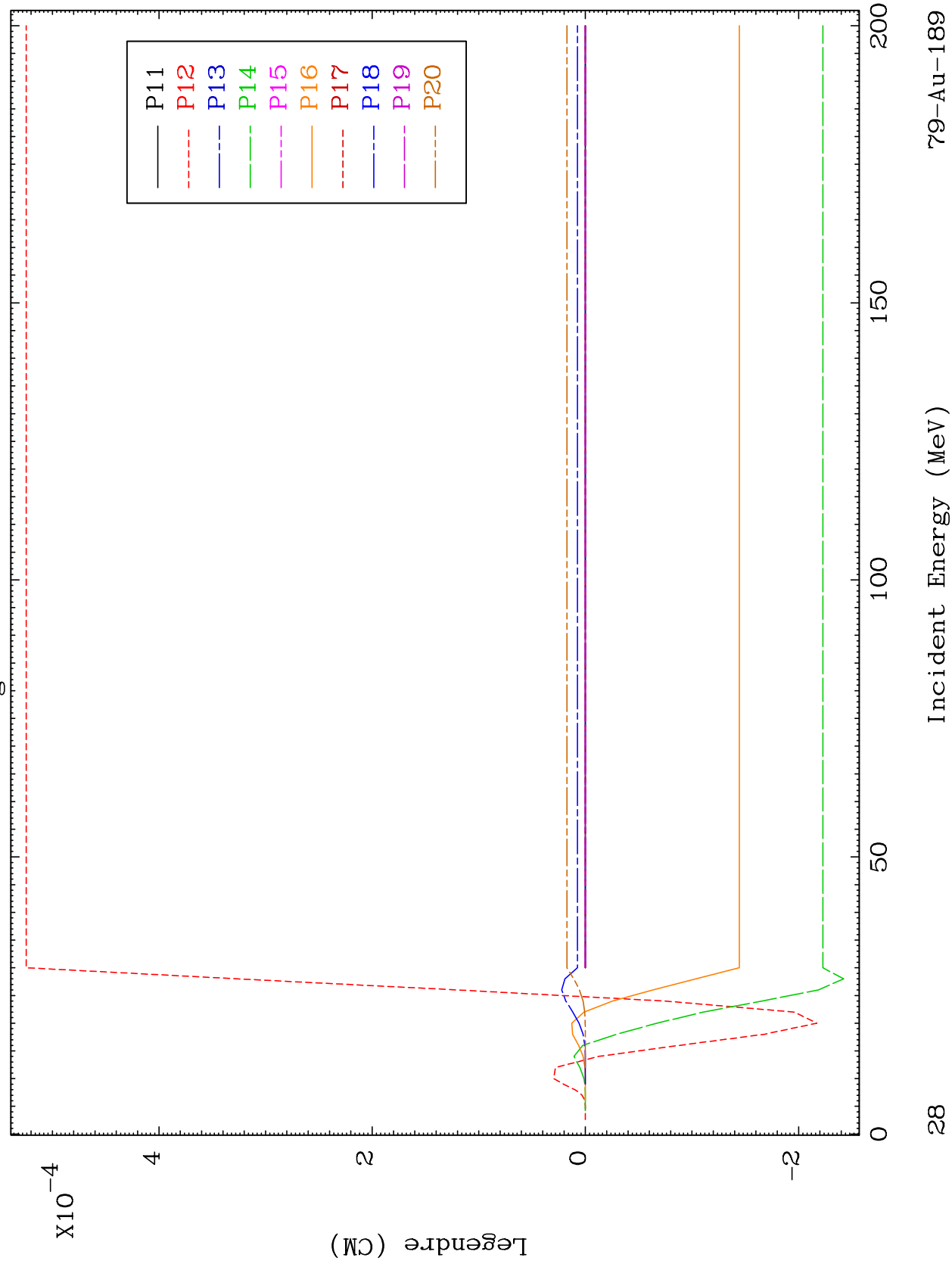


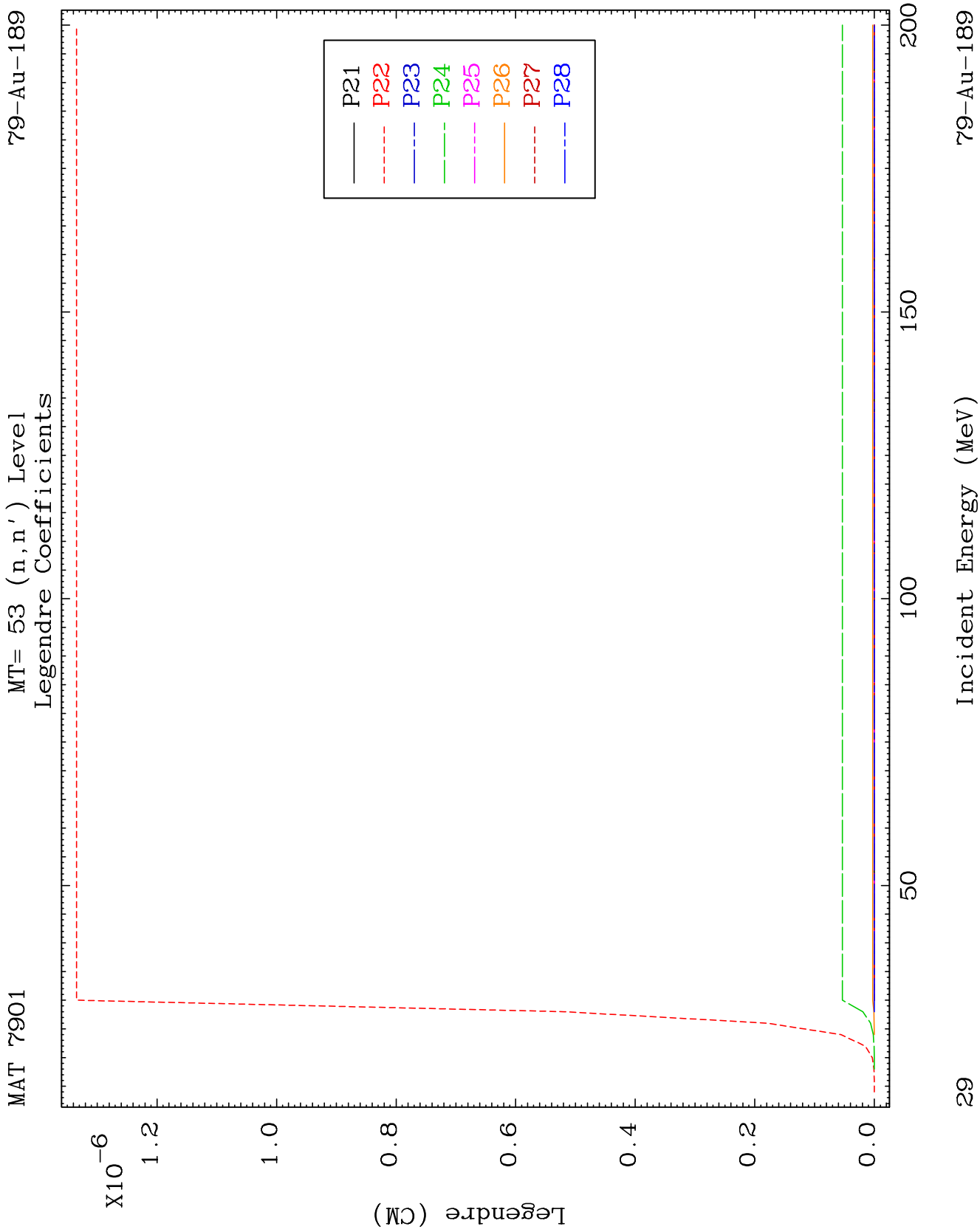


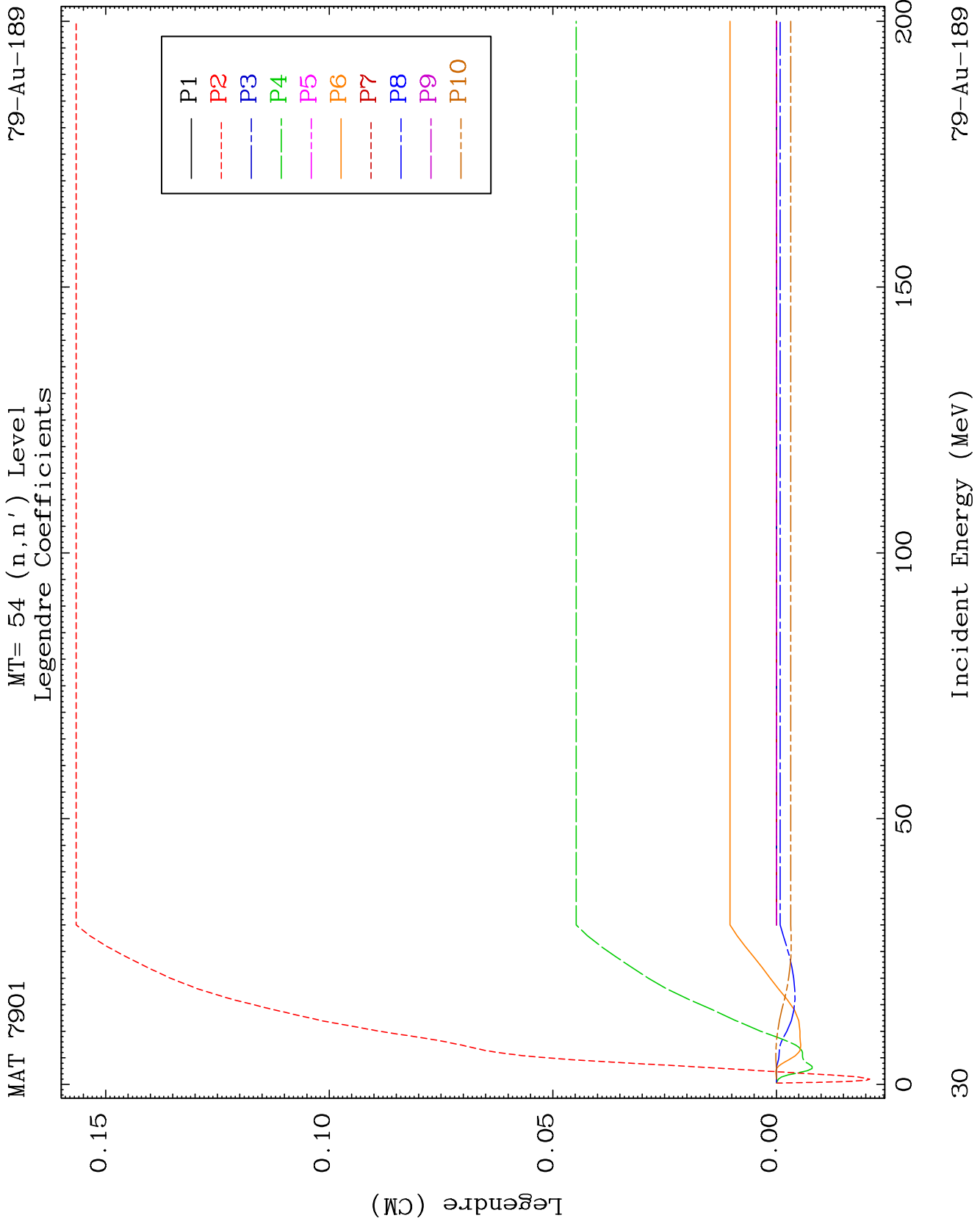
MAT 7901

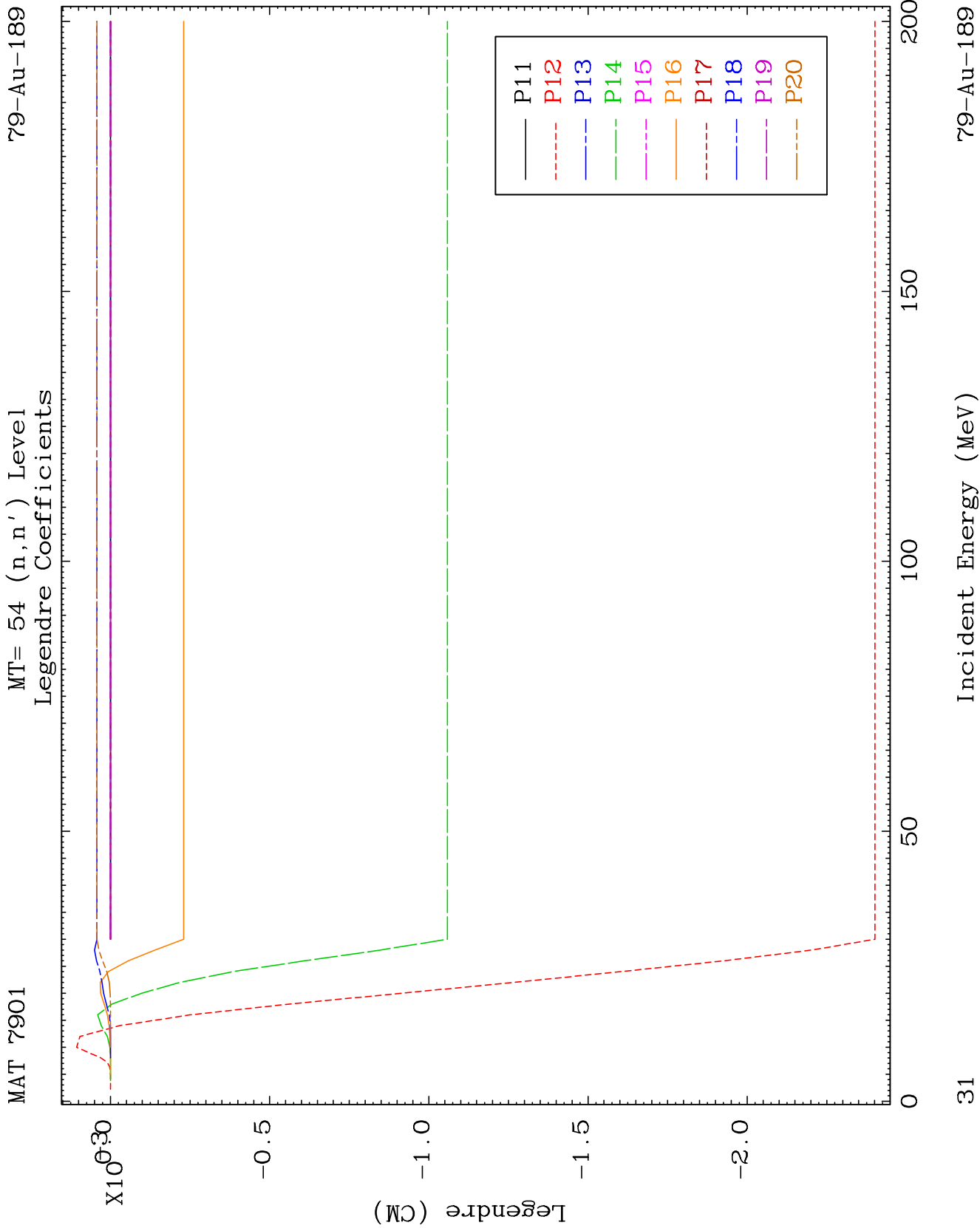
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Legendre Coefficients

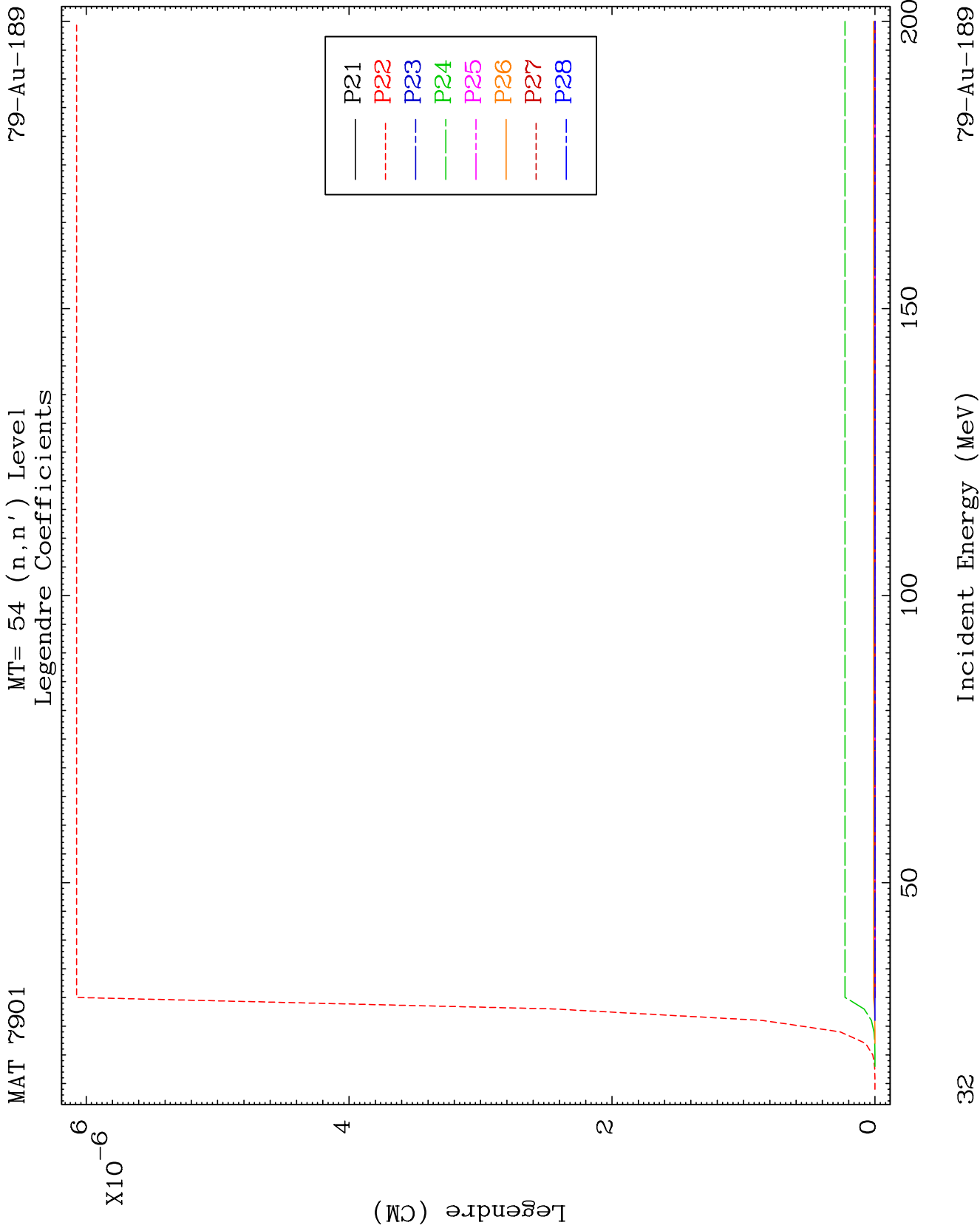
79-Au-189

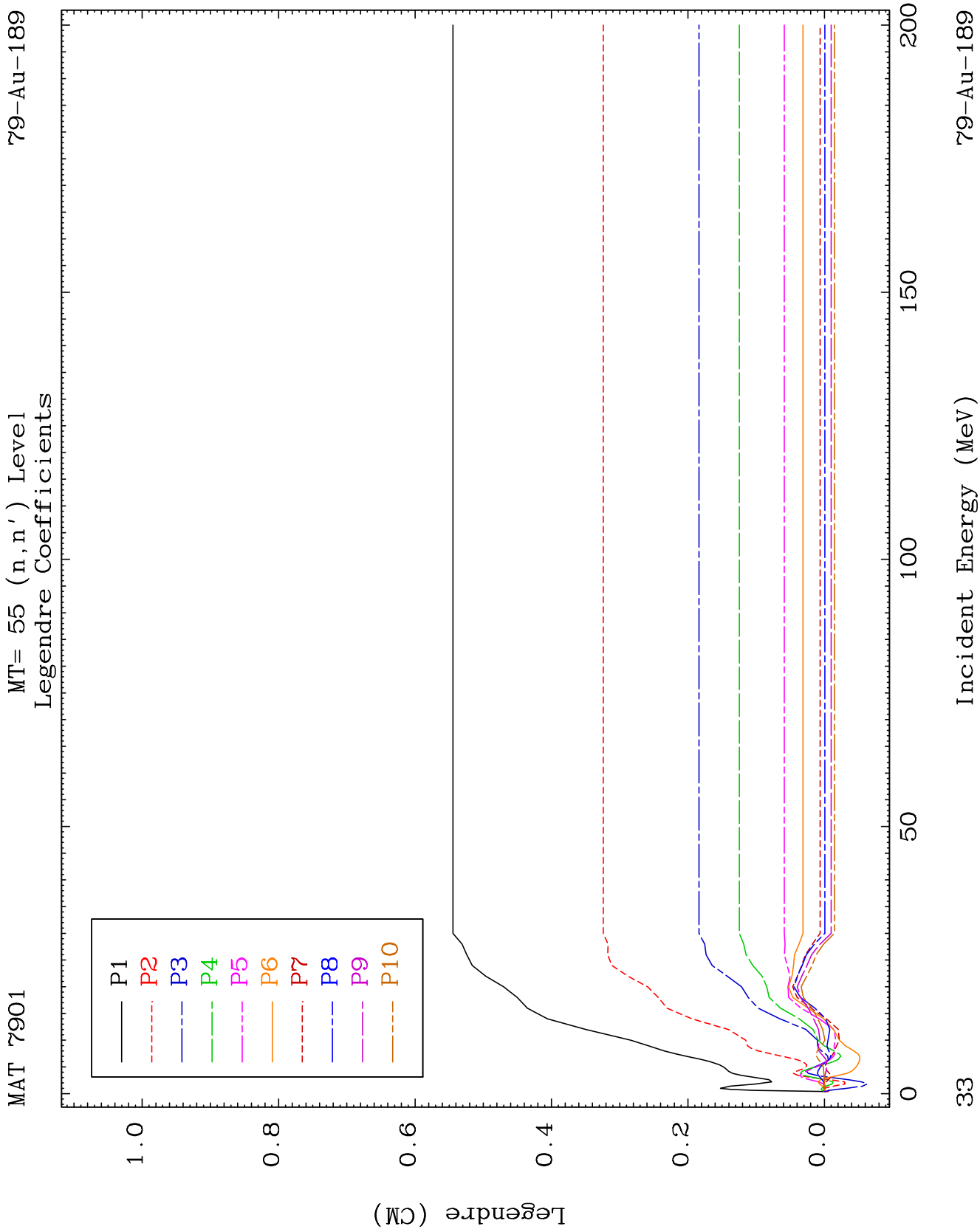


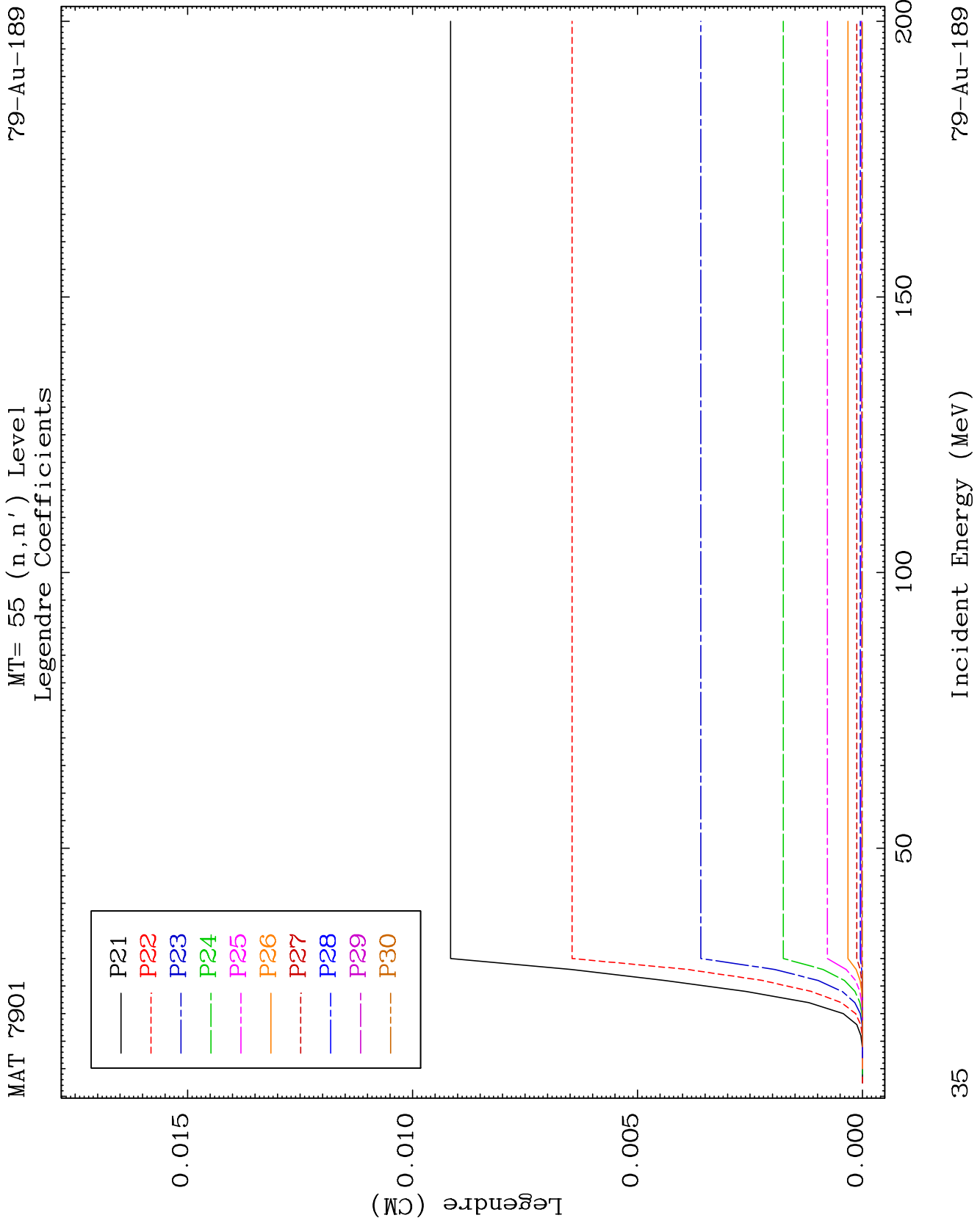


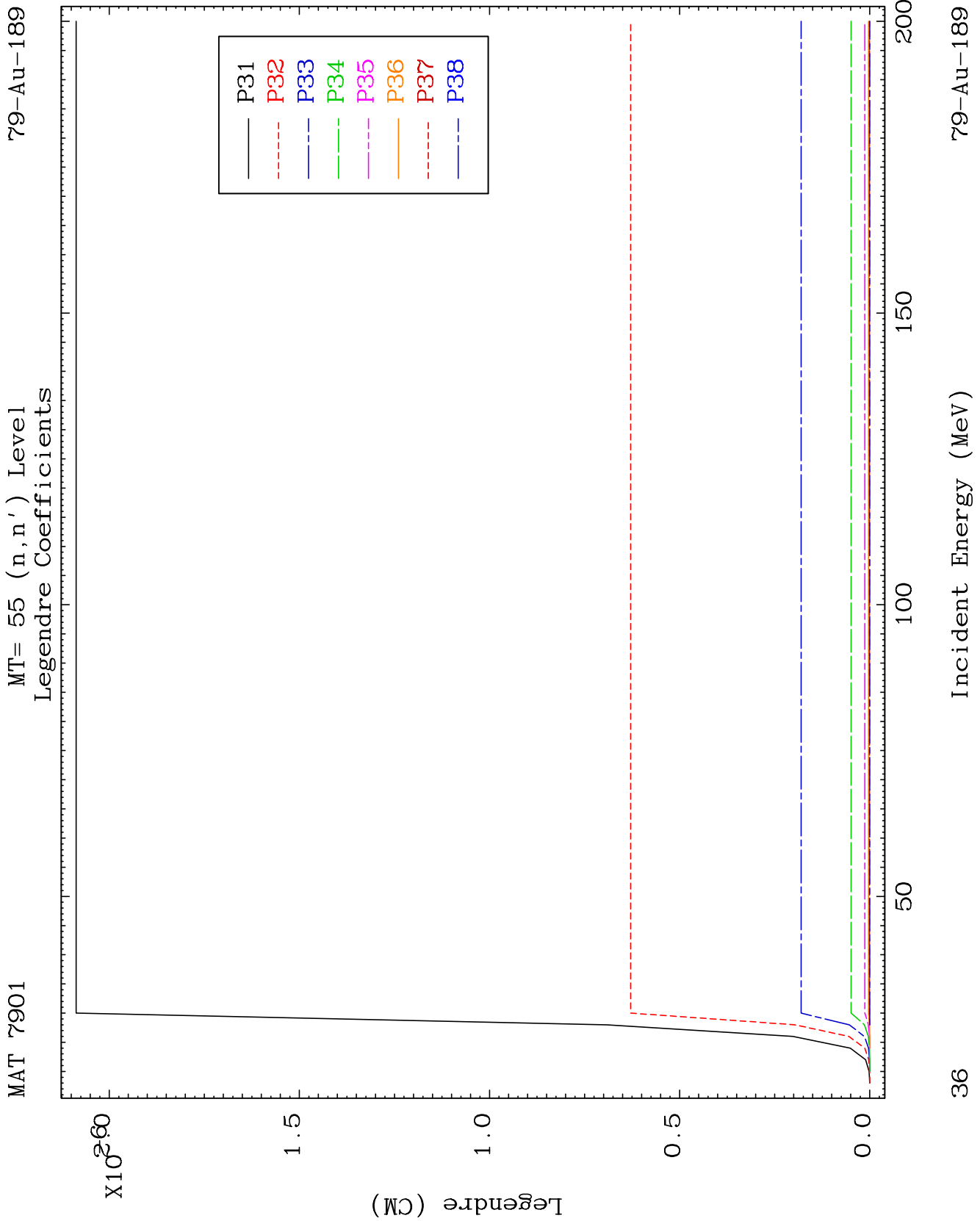








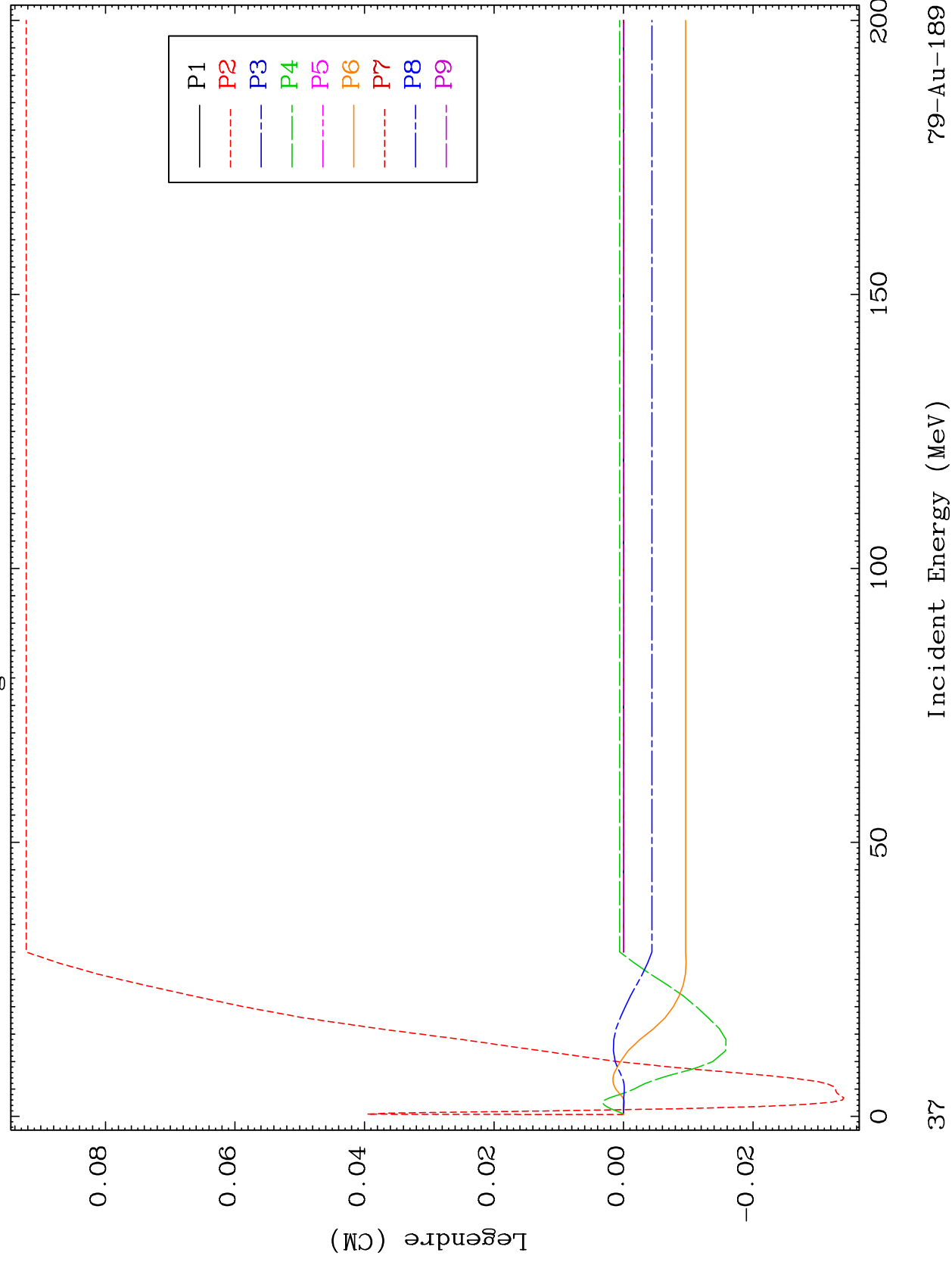


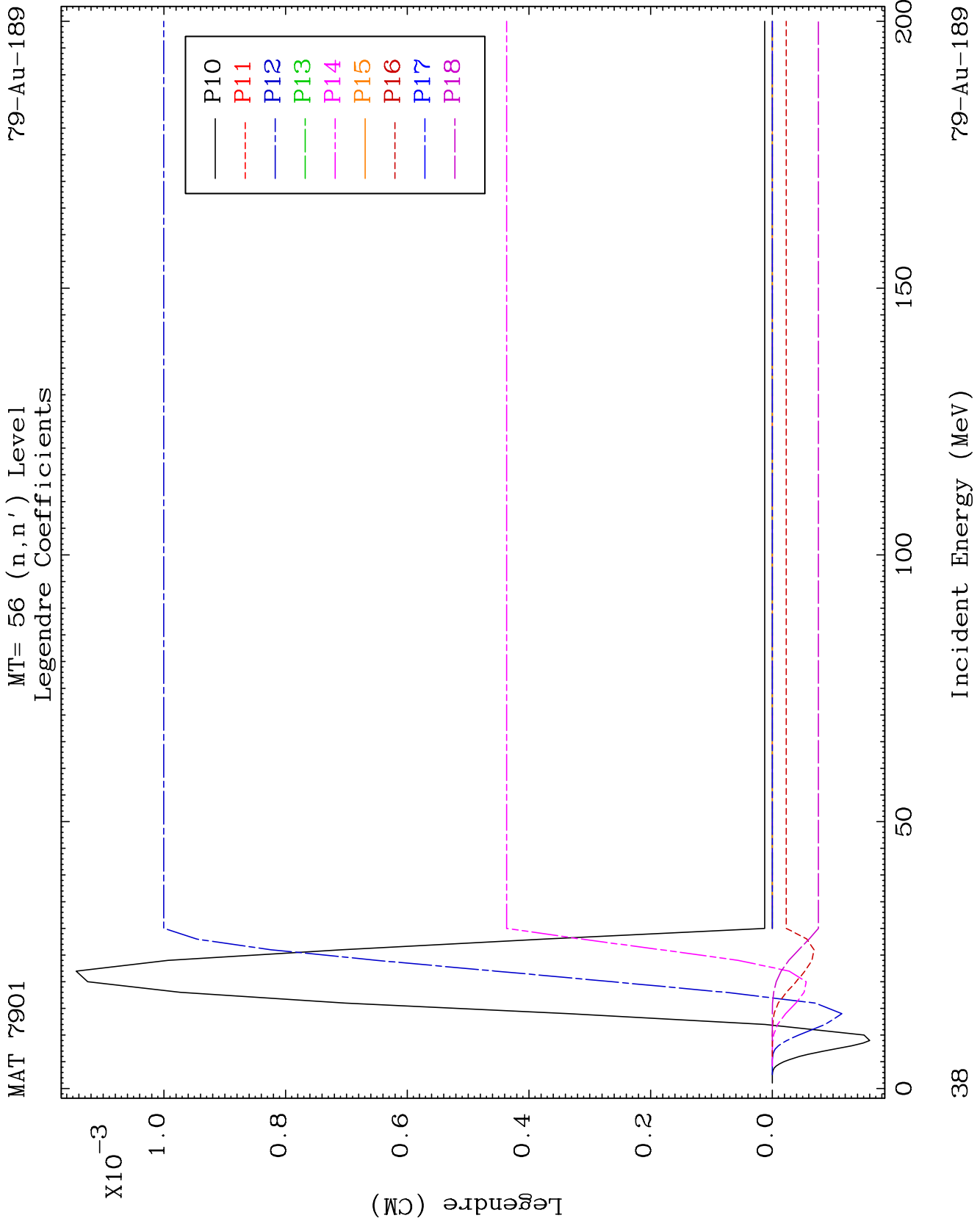


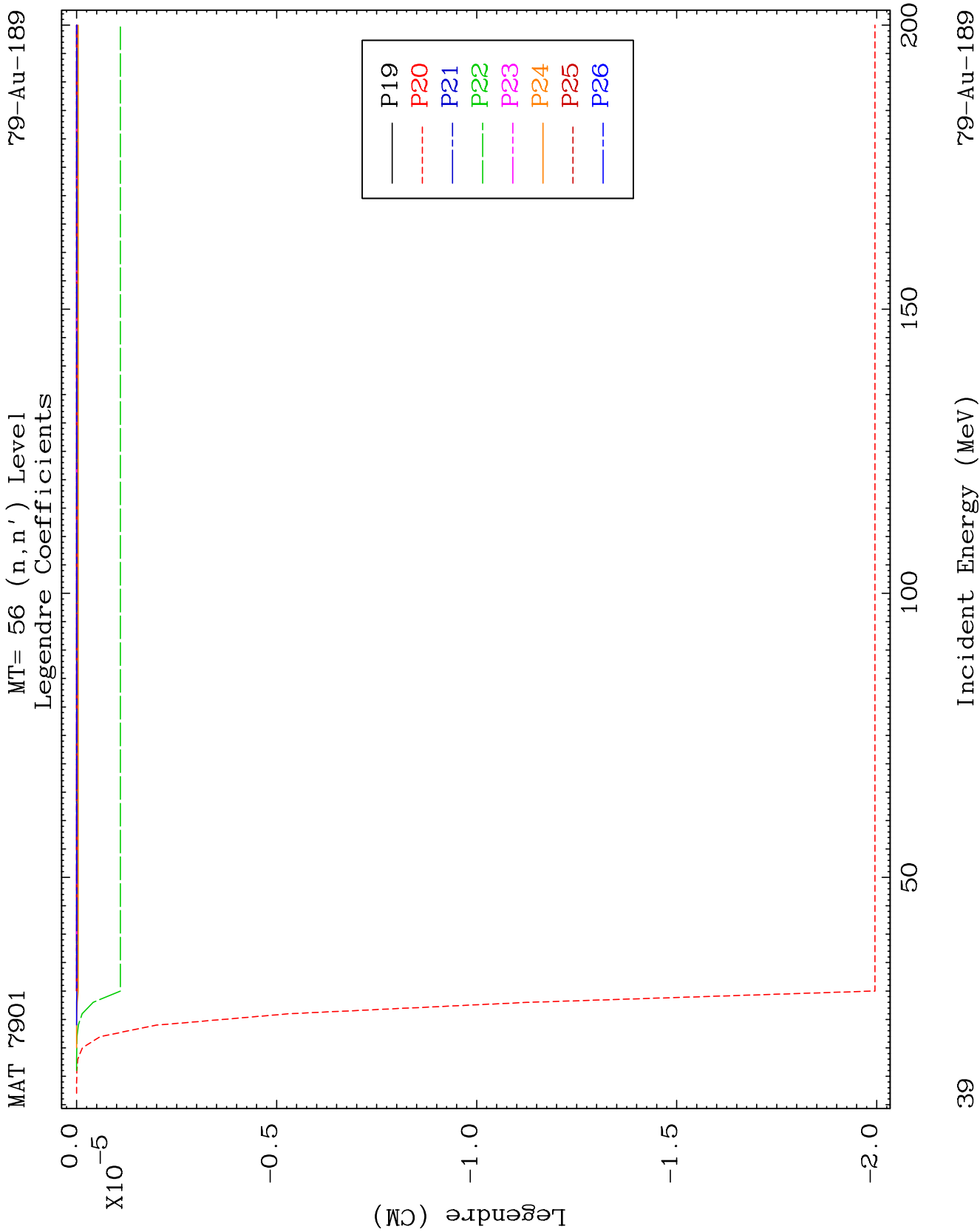
MAT 7901

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

79-Au-189



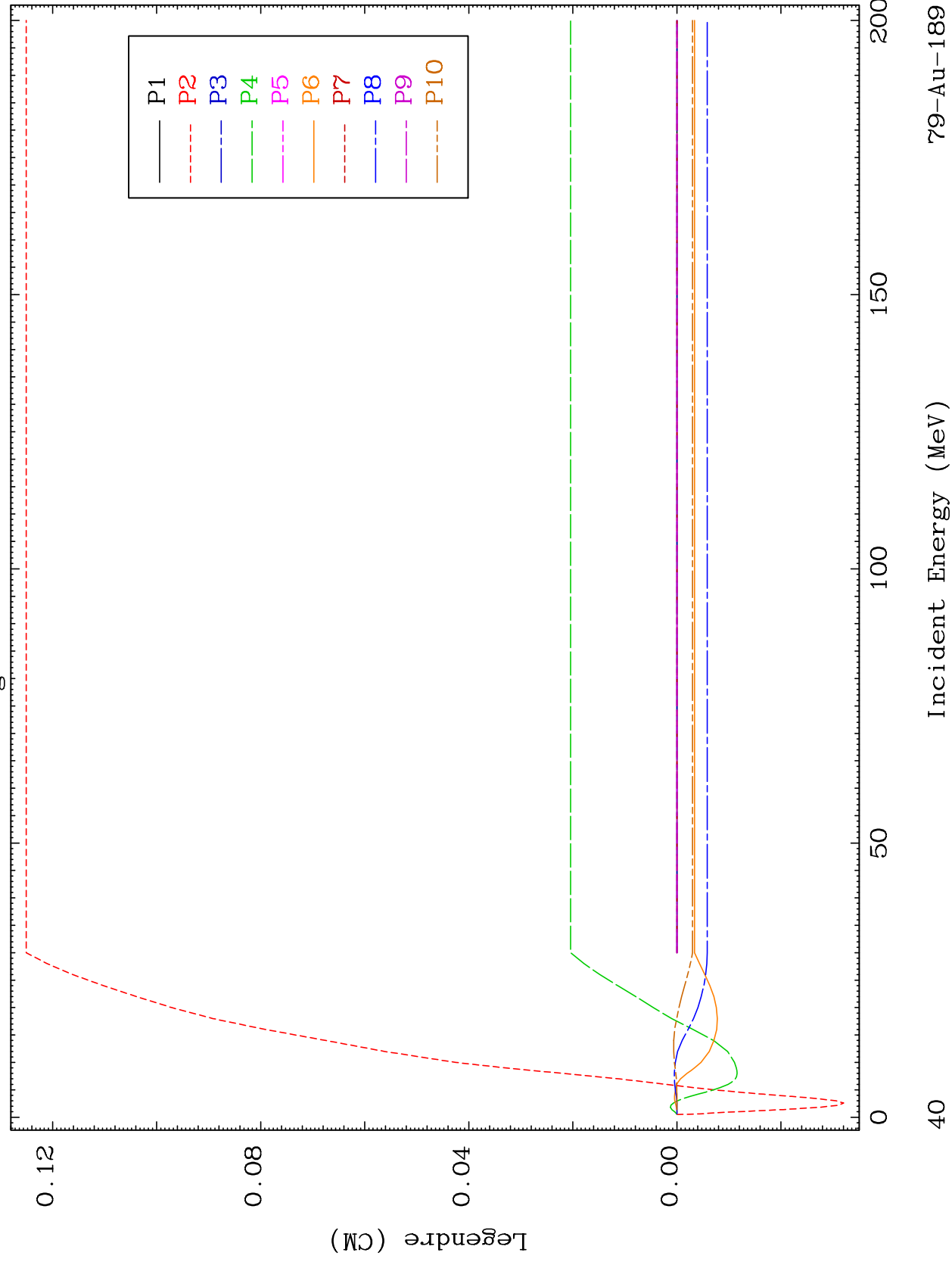


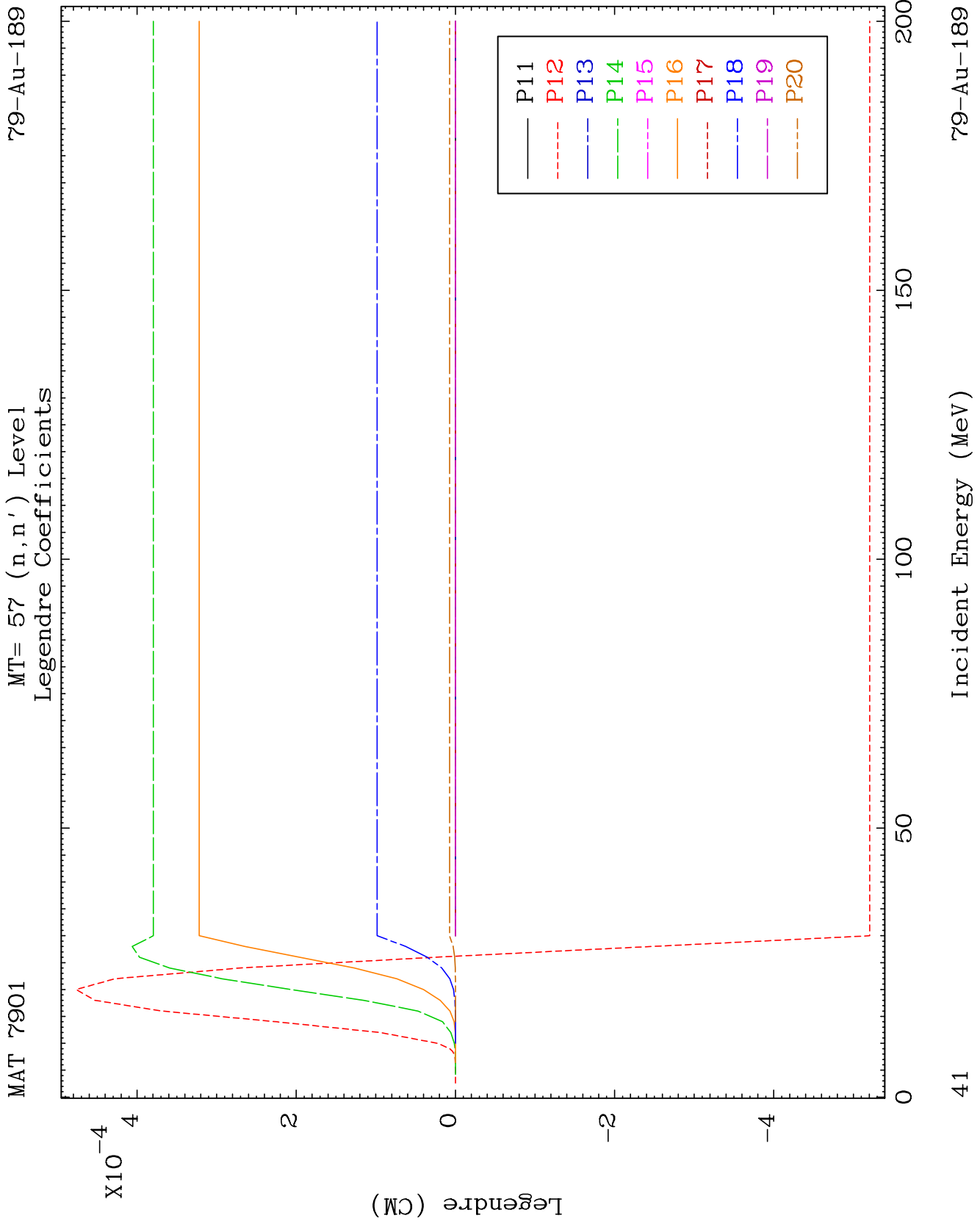


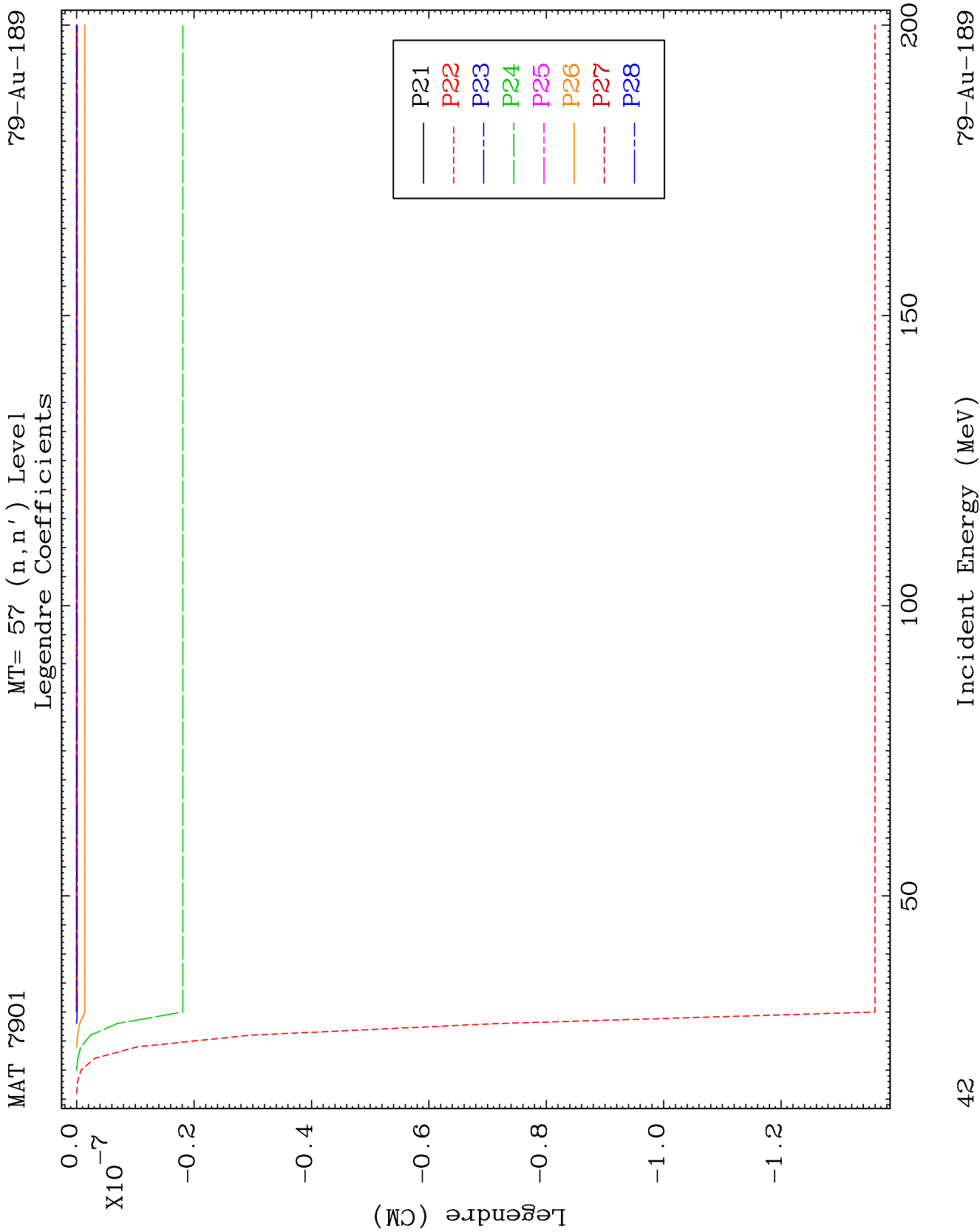
MAT 7901

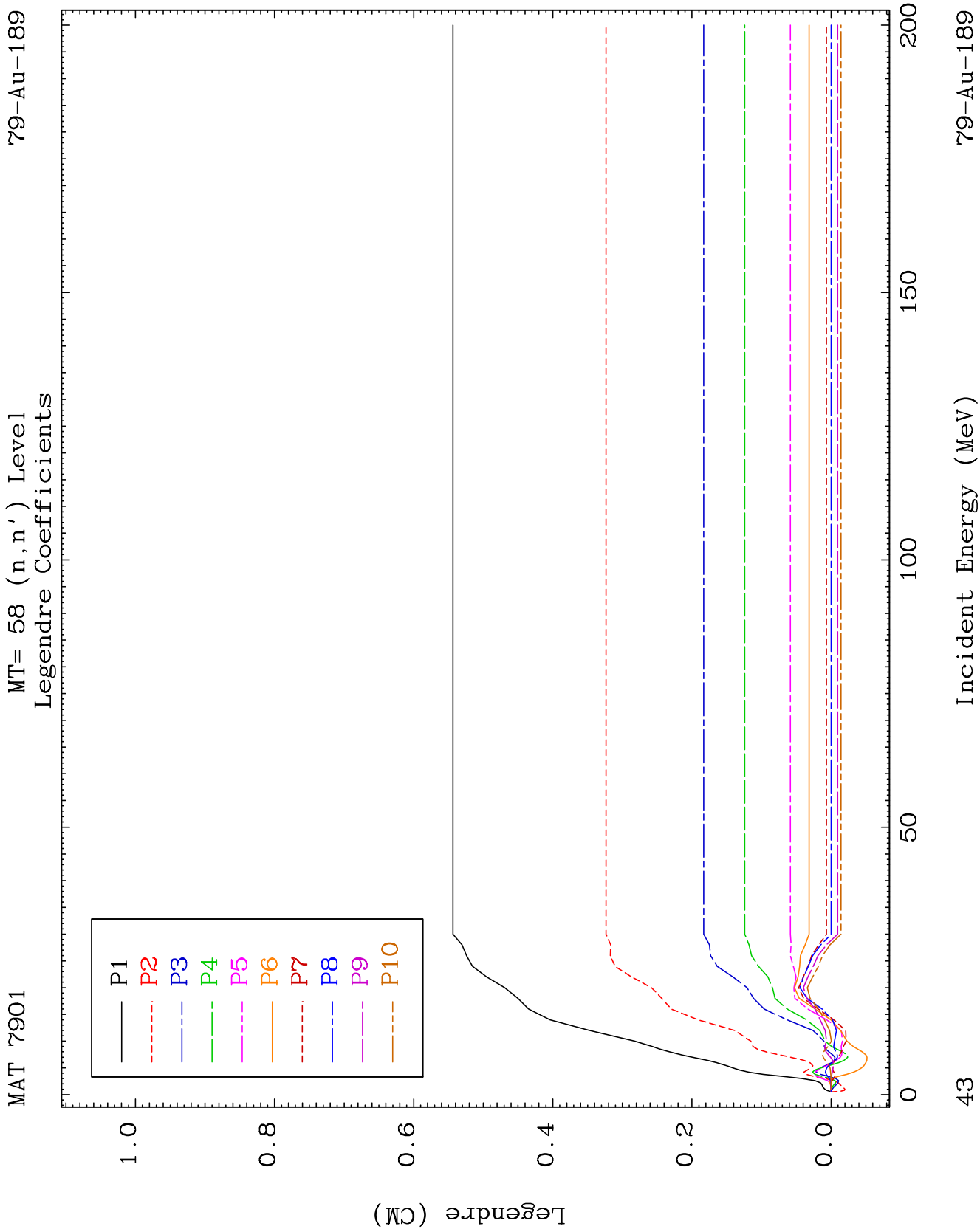
MT= 57 (n, n') Level
Legendre Coefficients

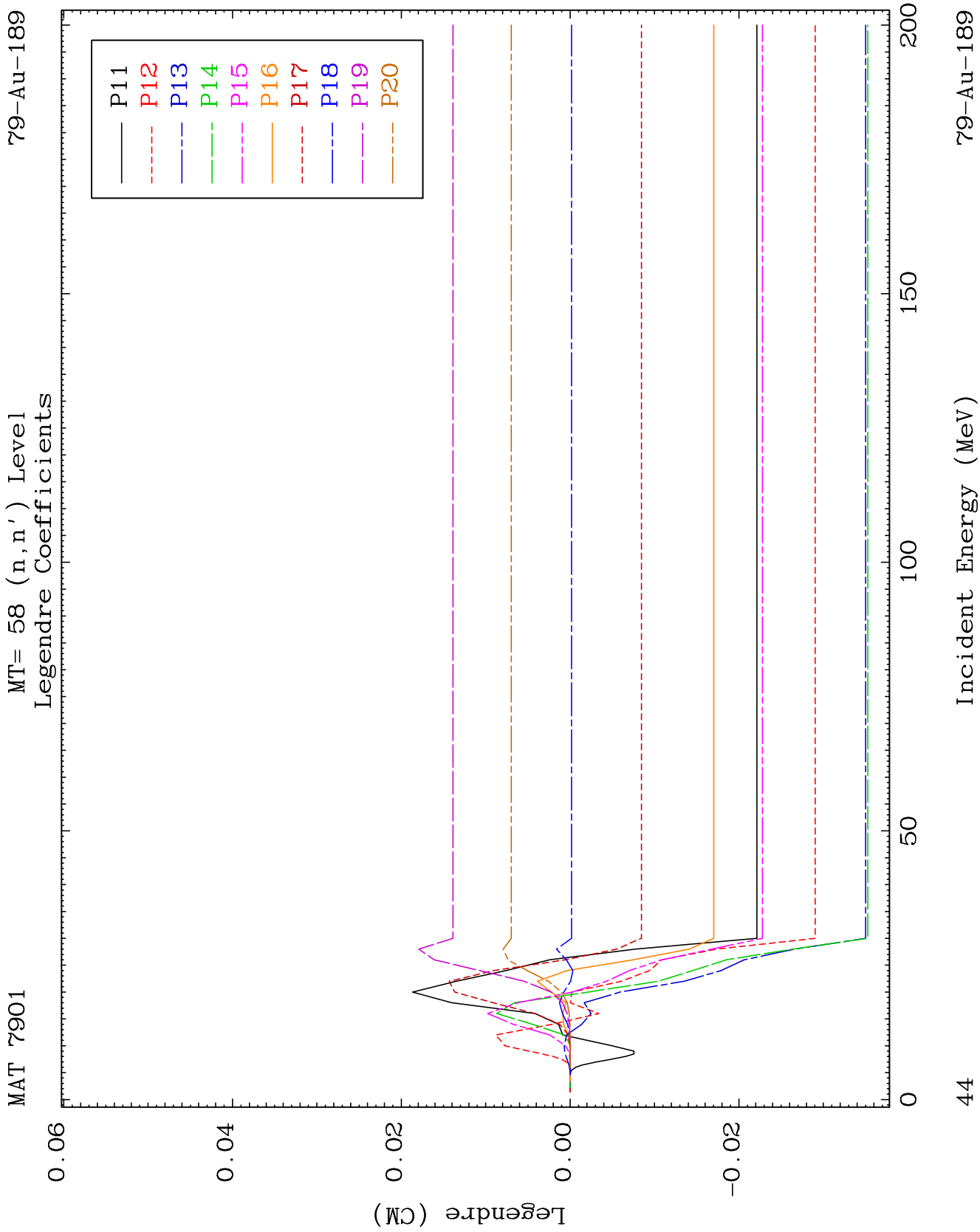
79-Au-189







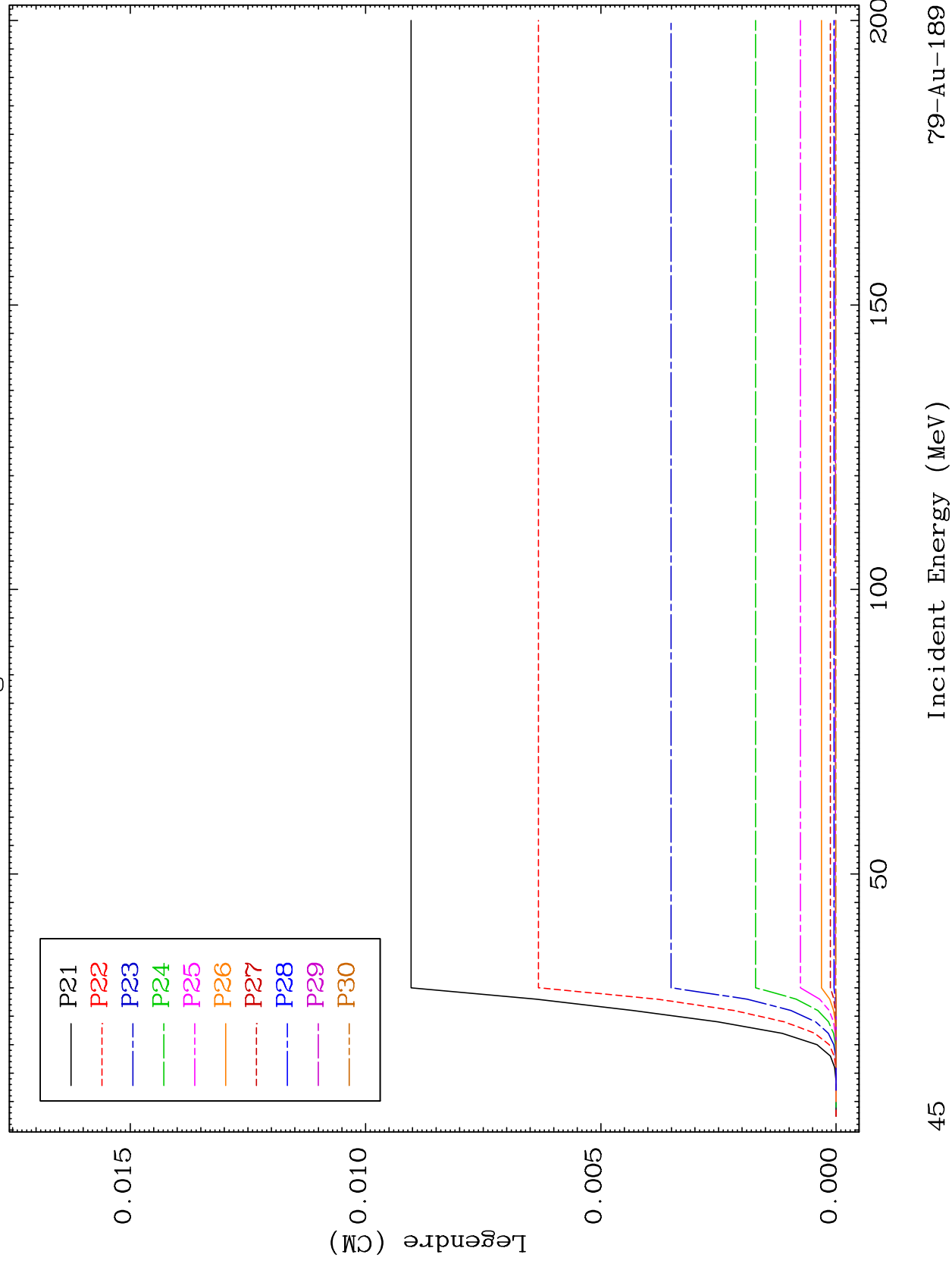


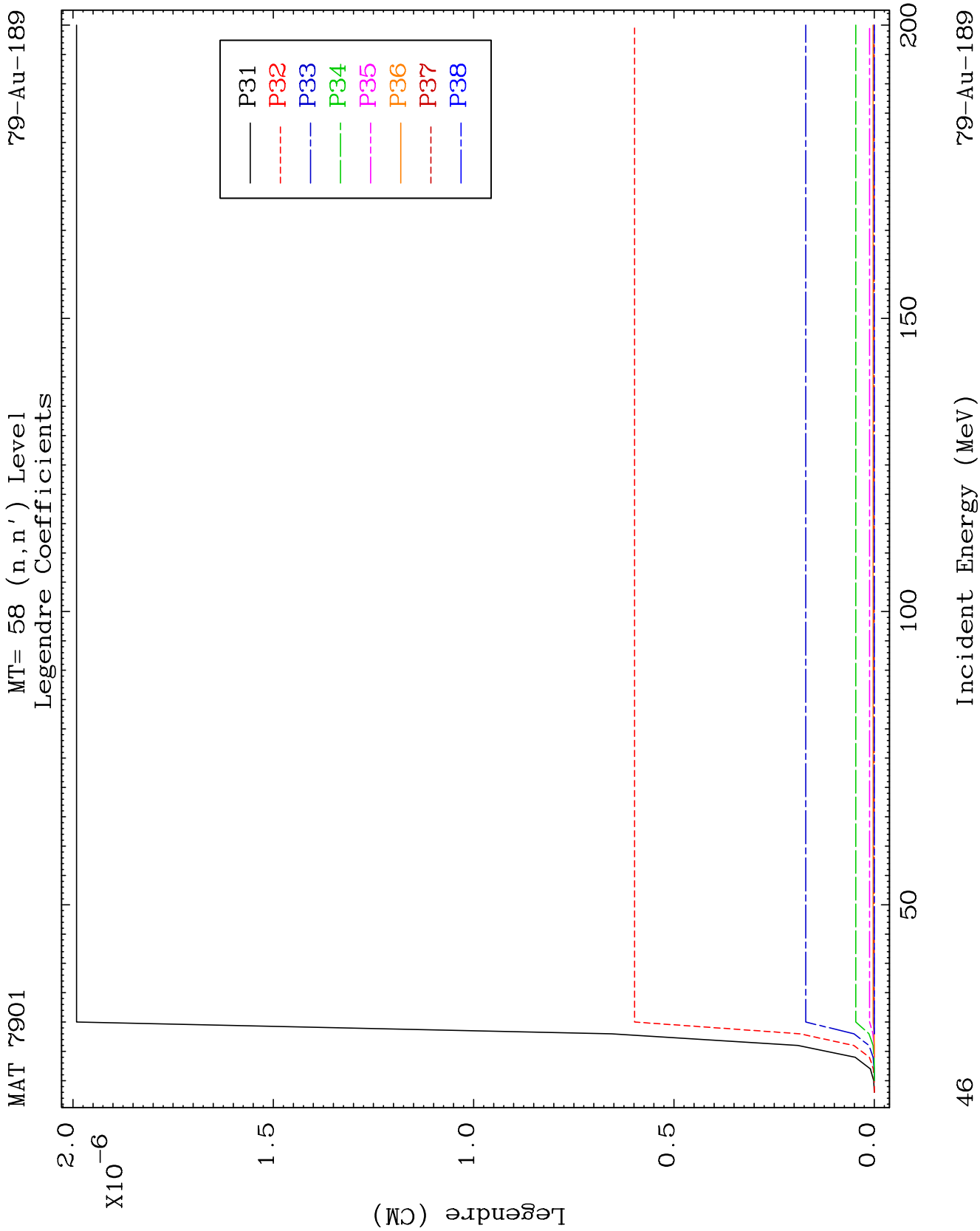


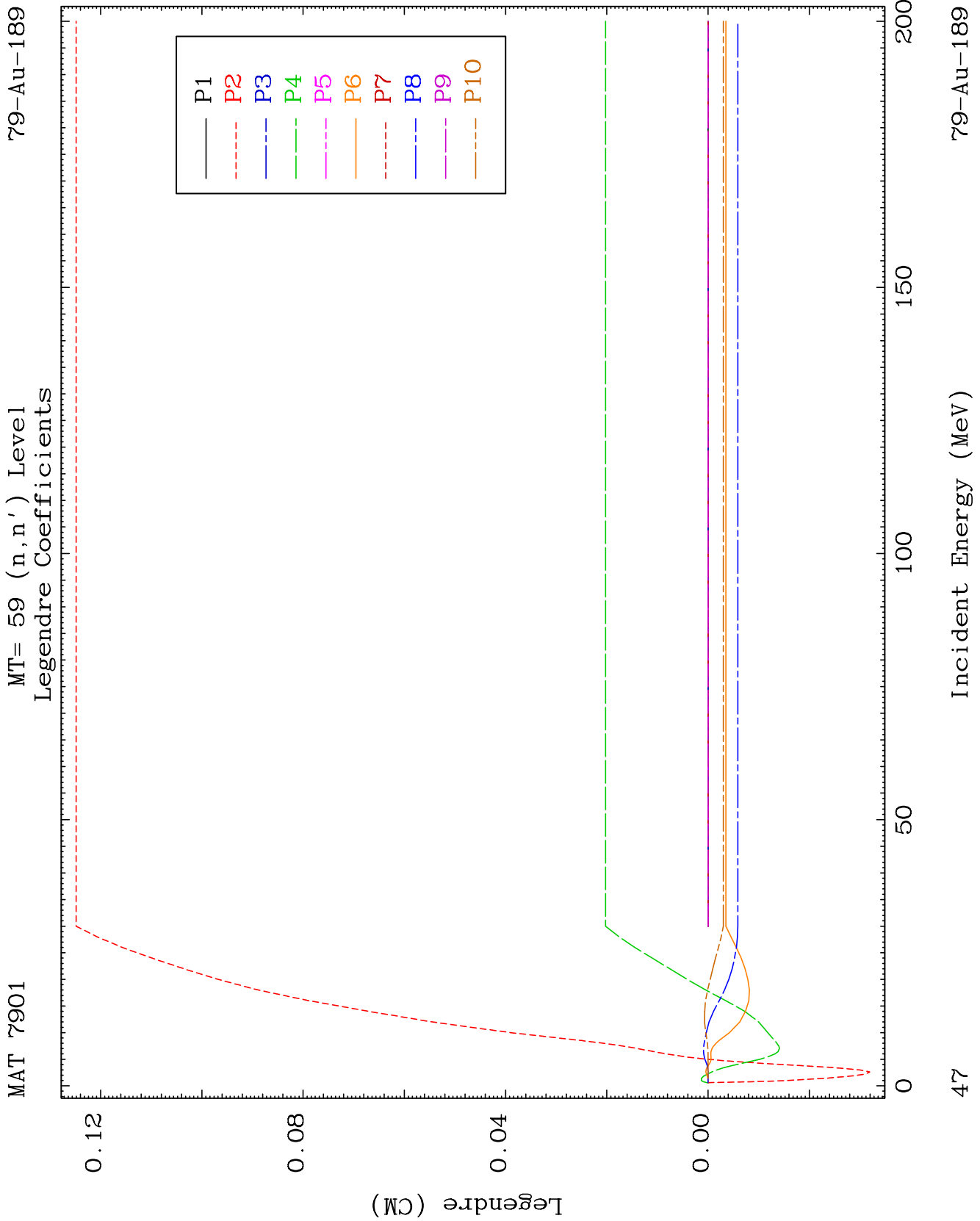
MAT 7901

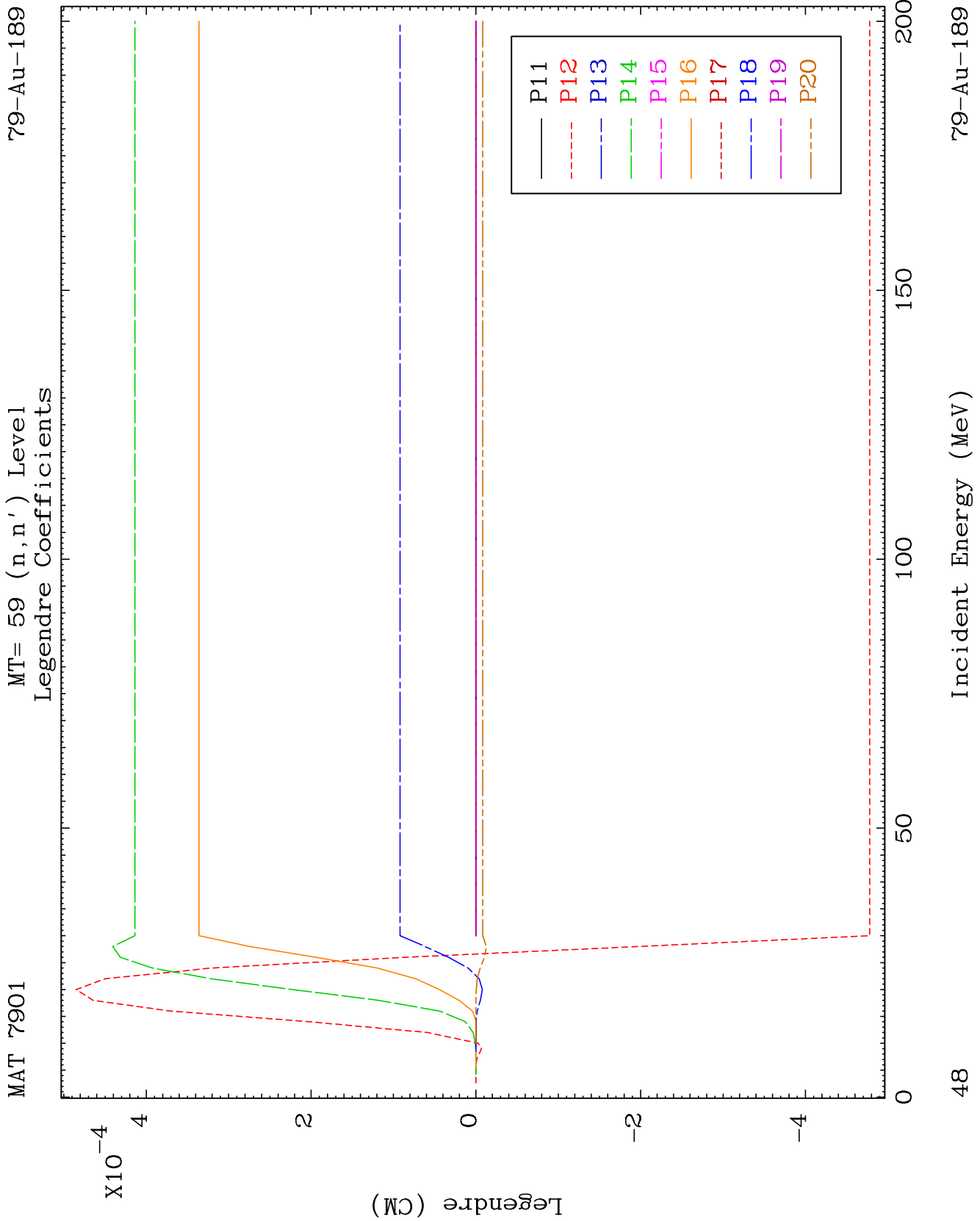
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Legendre Coefficients

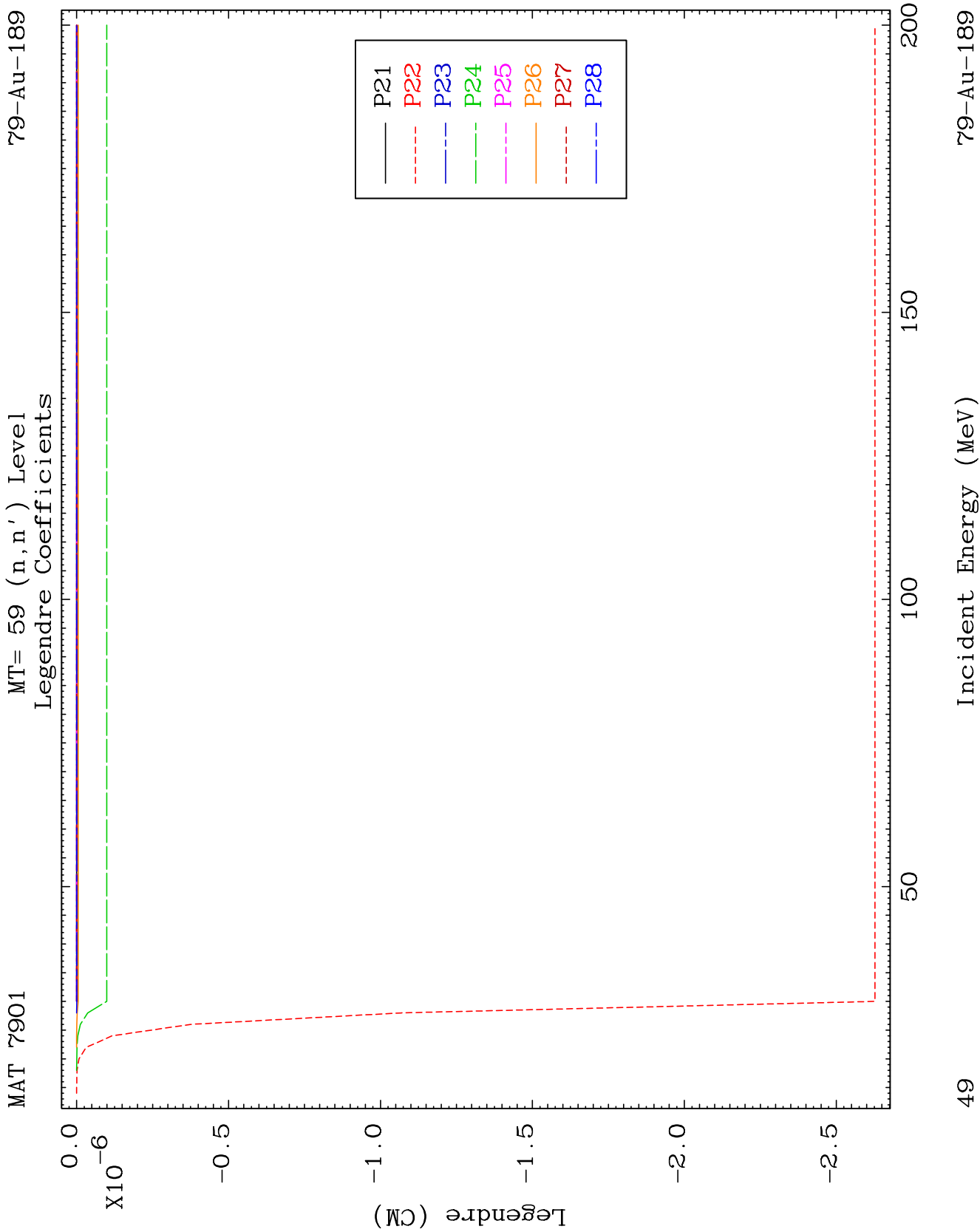
79-Au-189

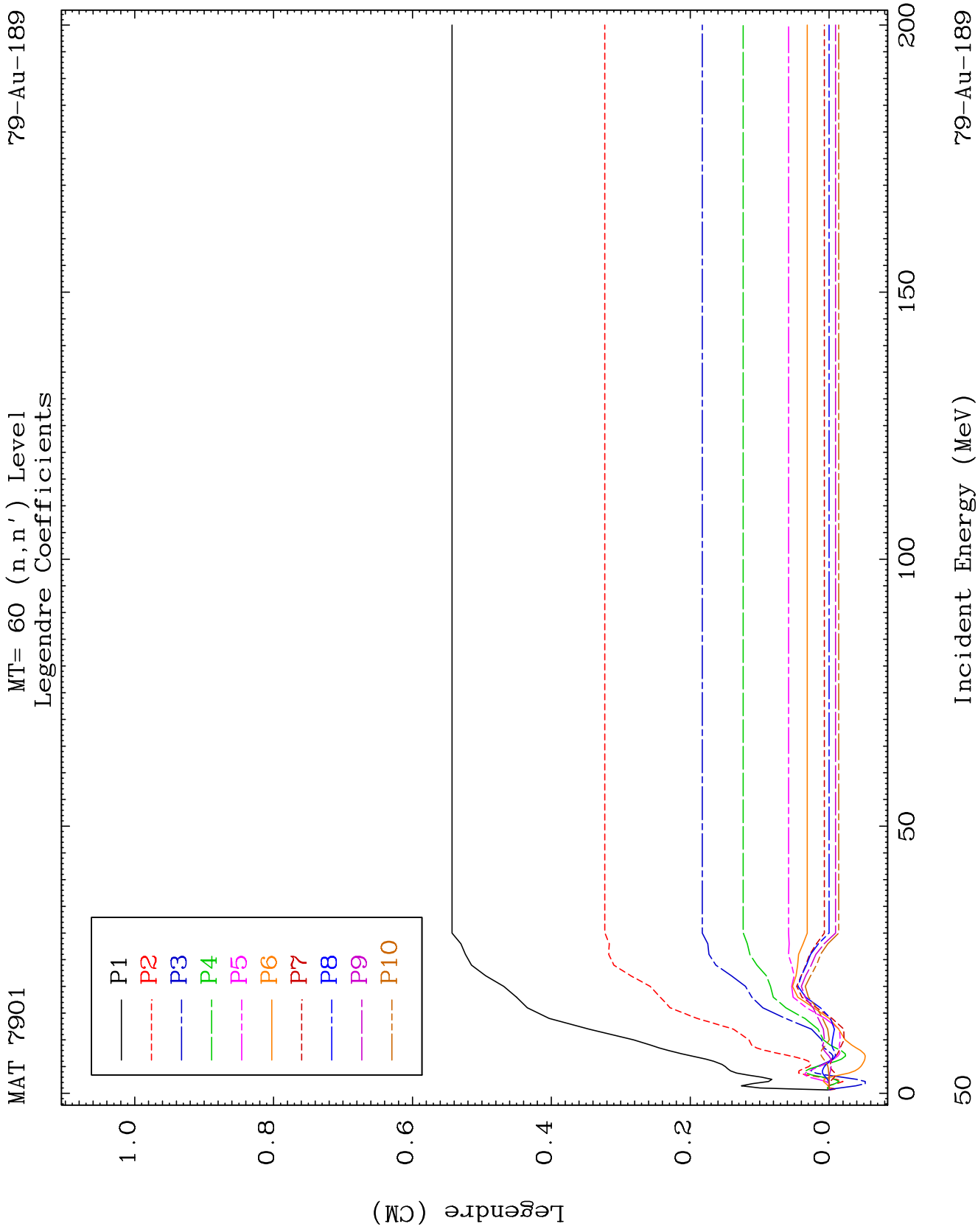


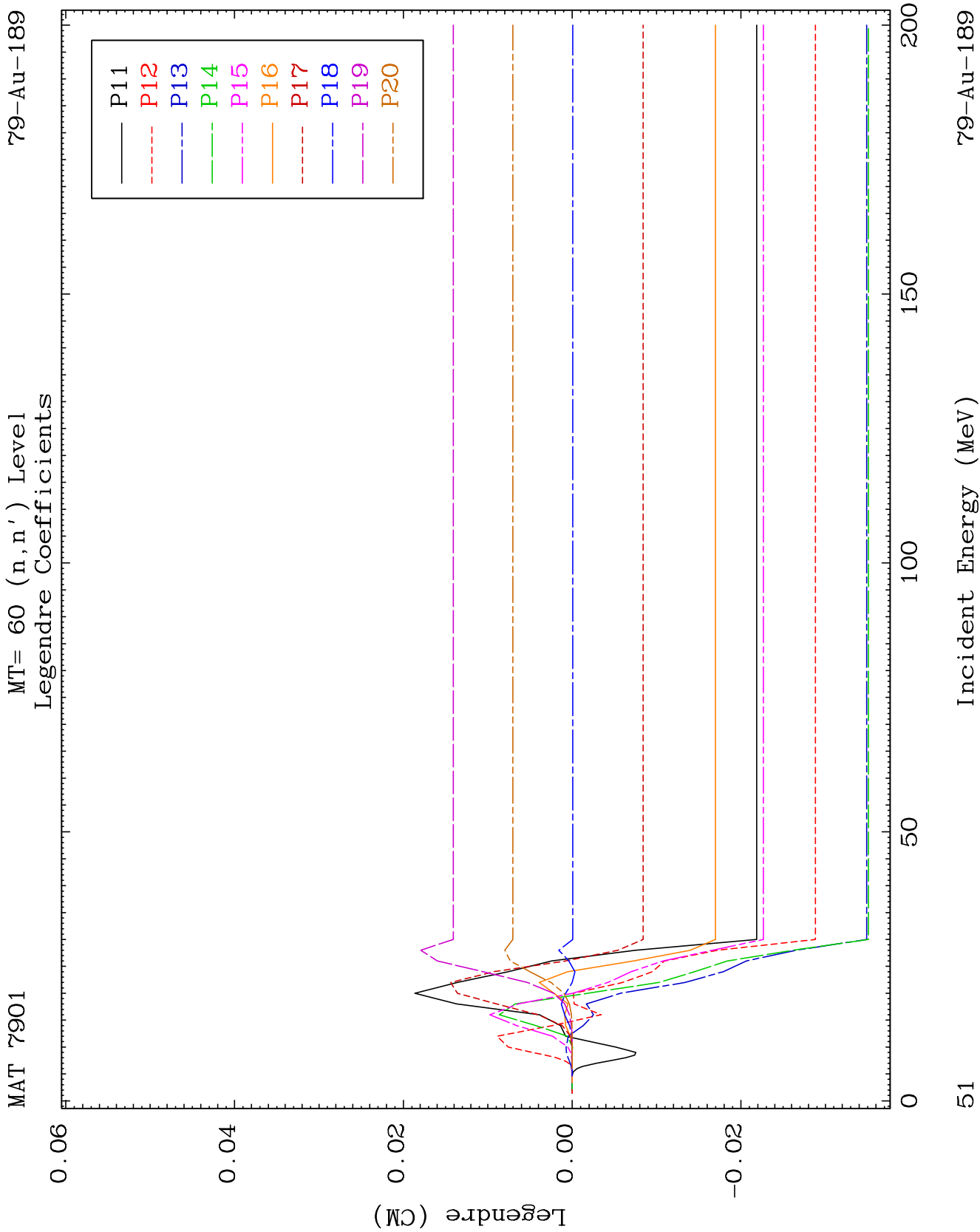


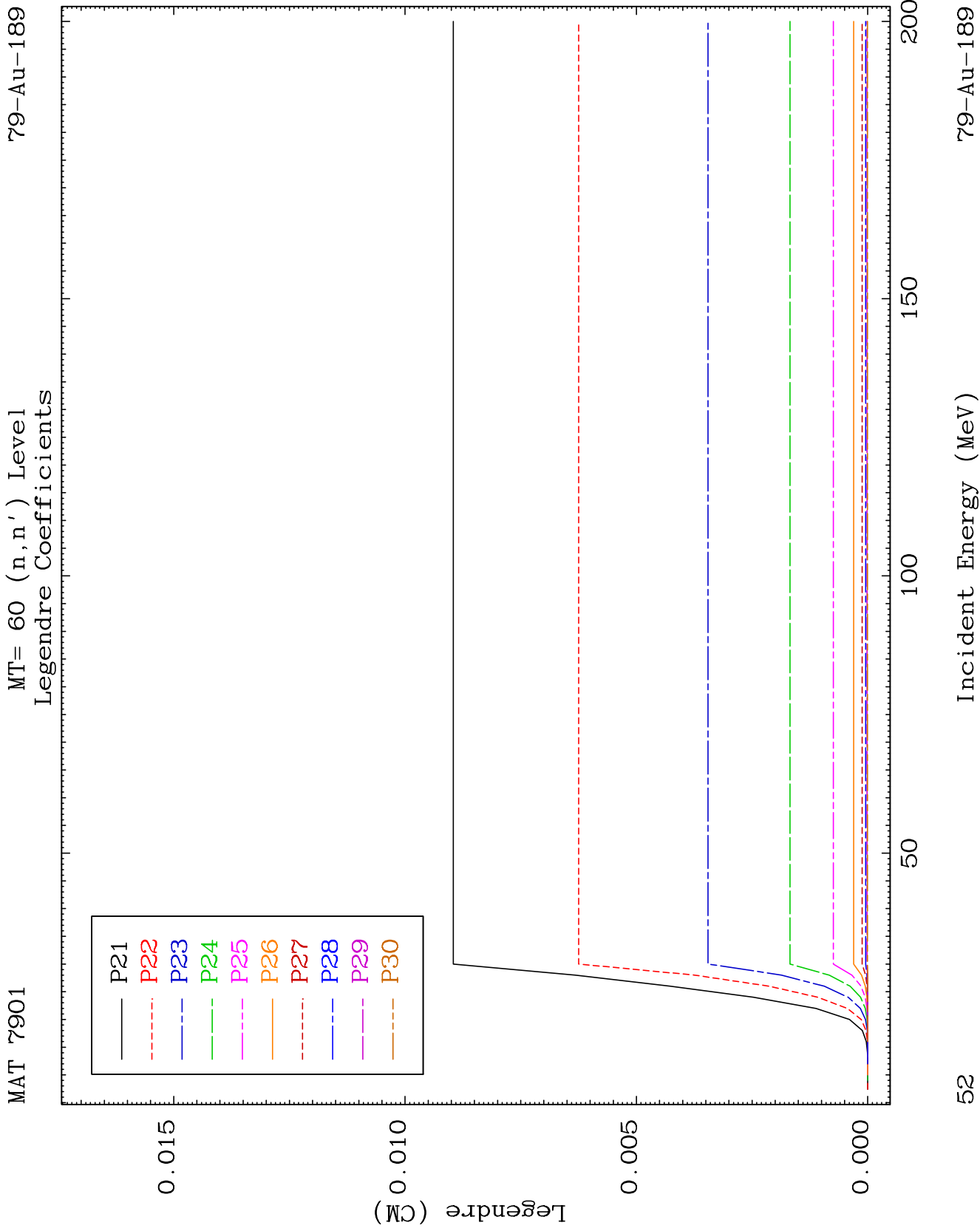








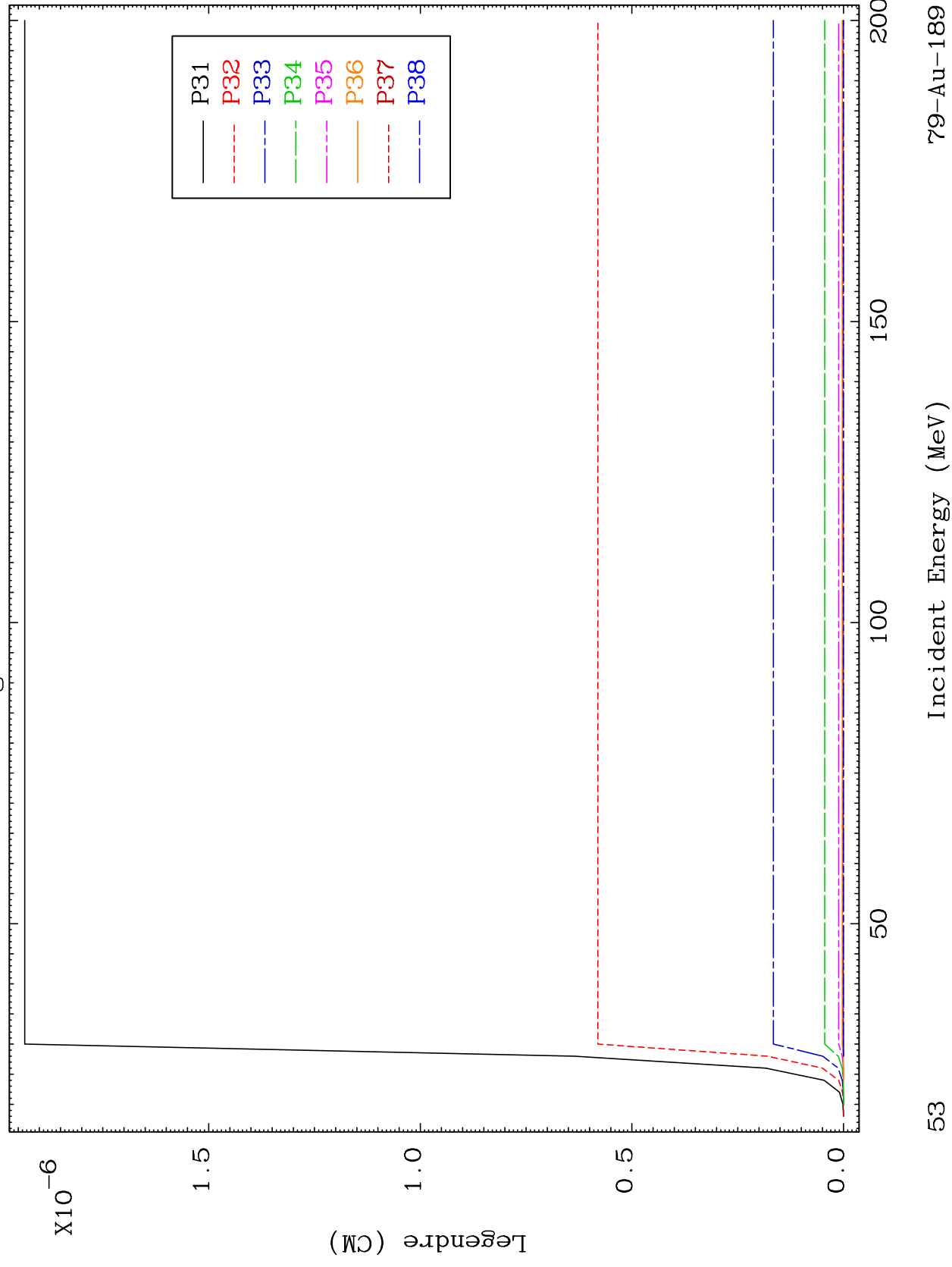


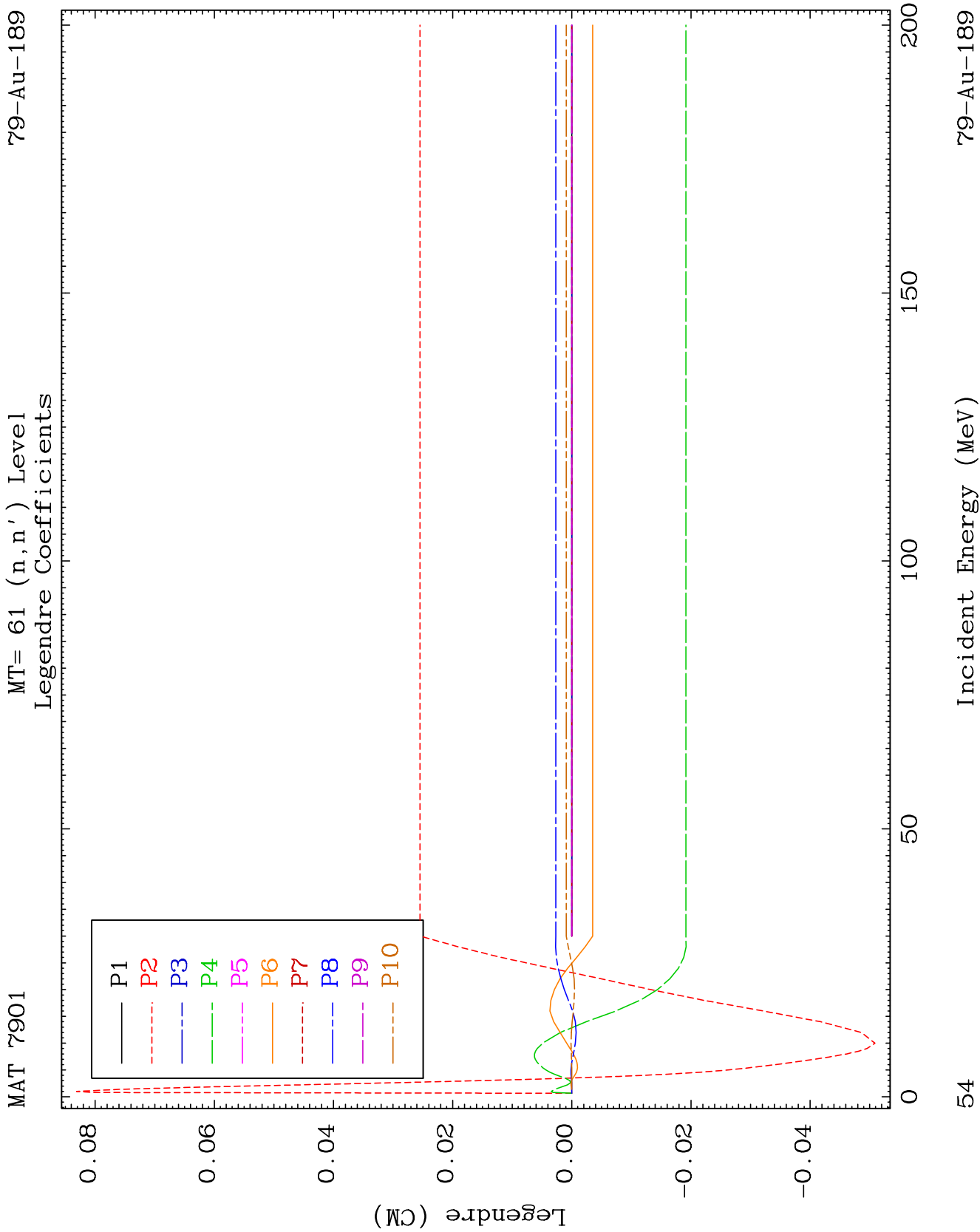


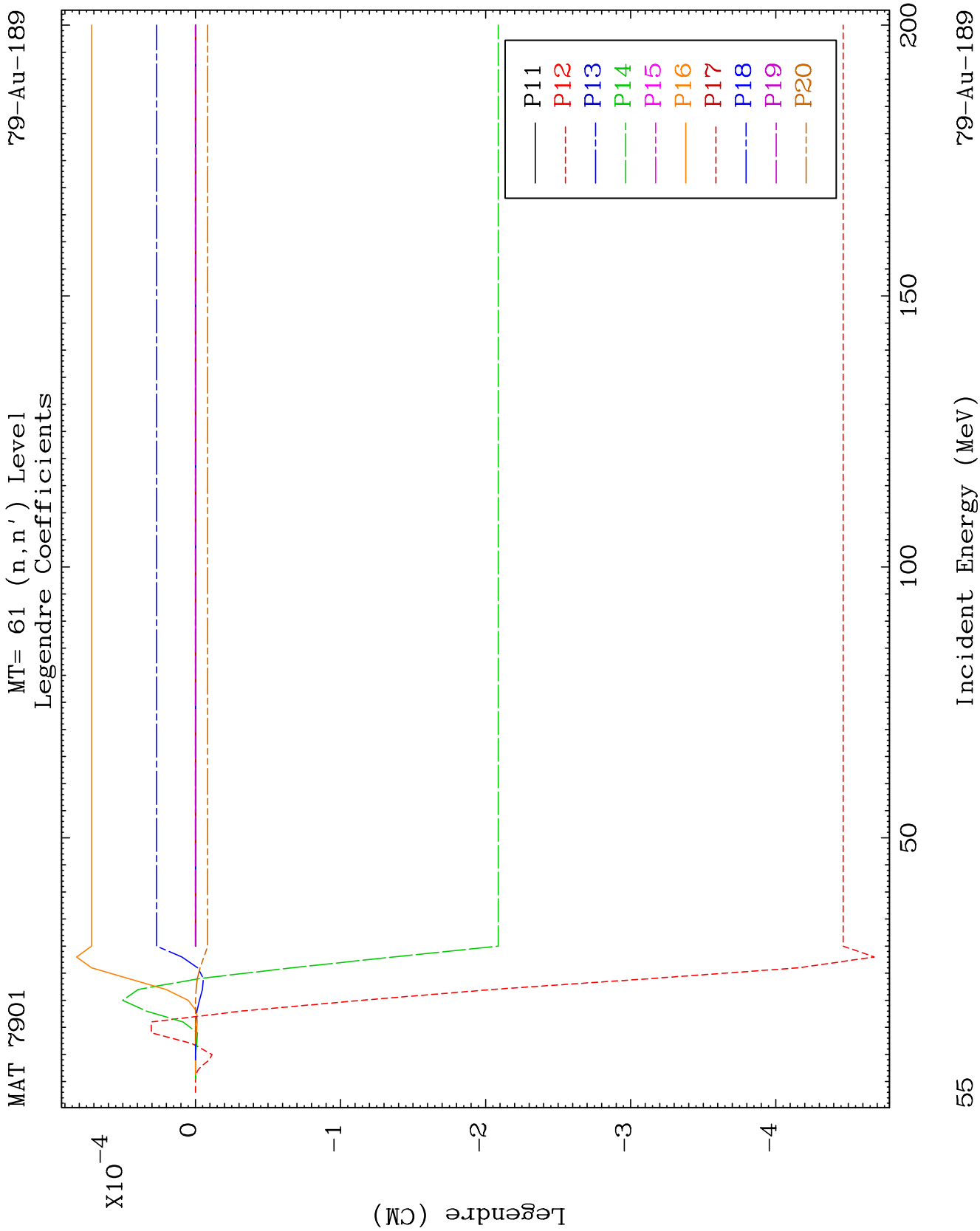
MAT 7901

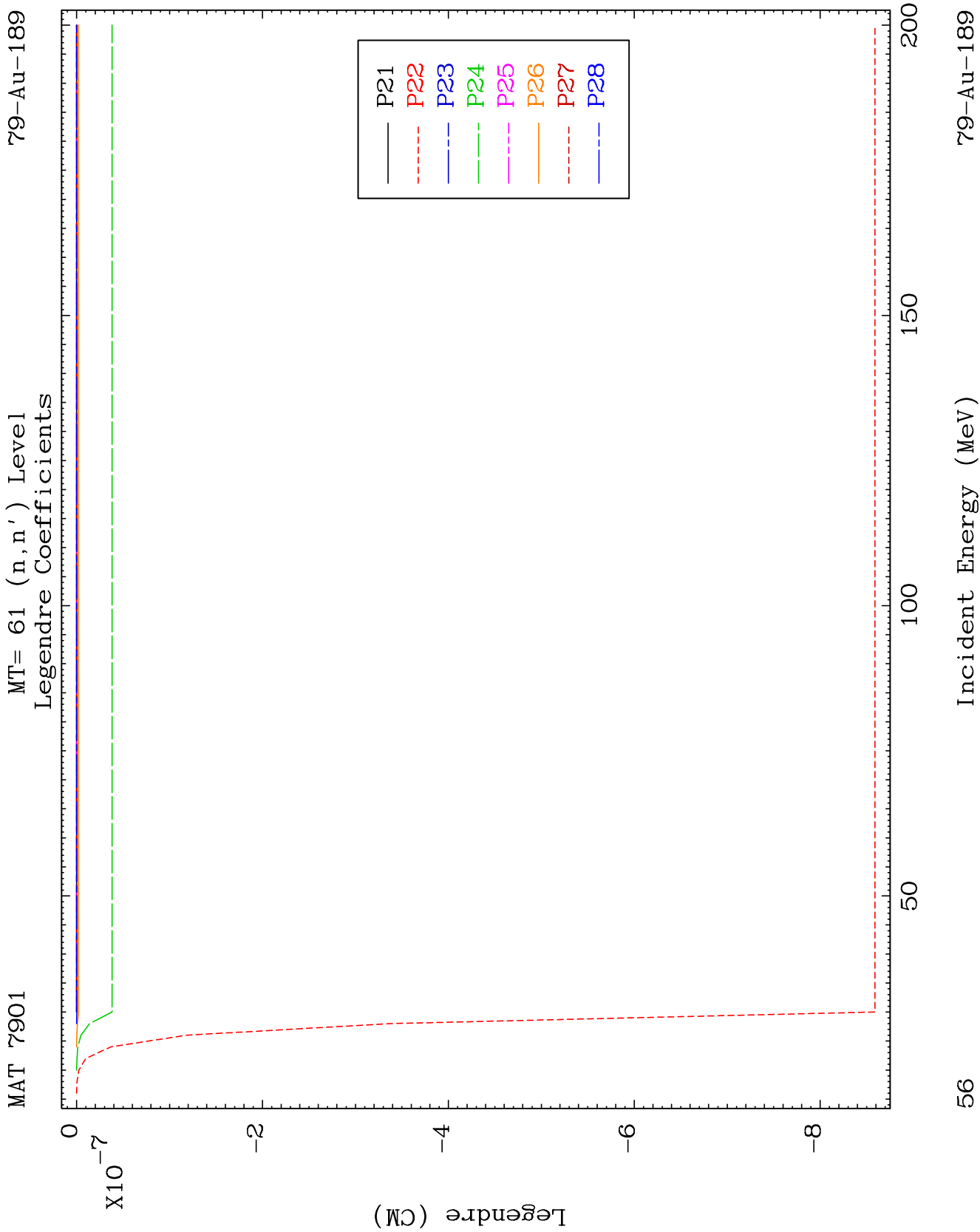
MT= 60 (n, n') Level
Legendre Coefficients

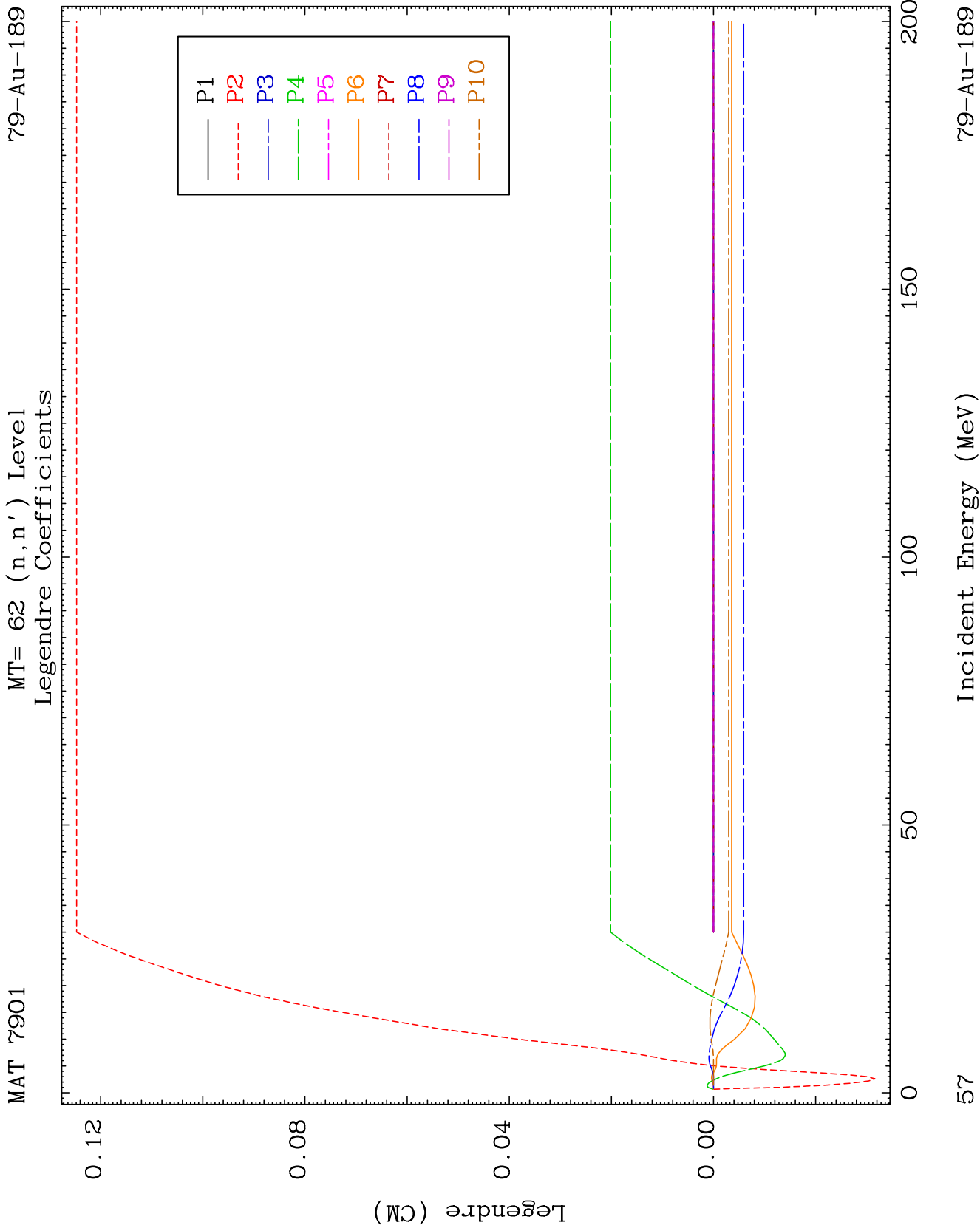
79-Au-189

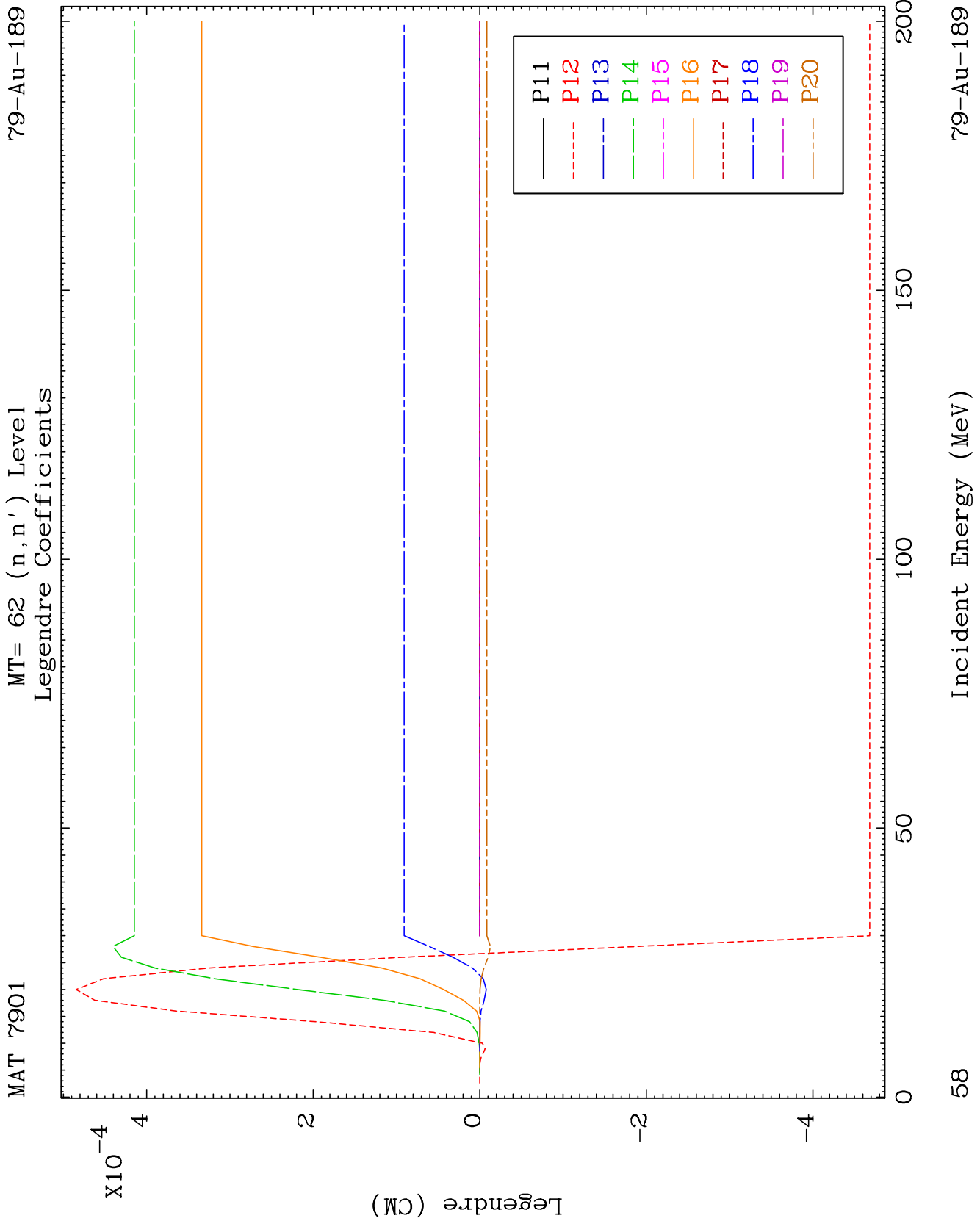


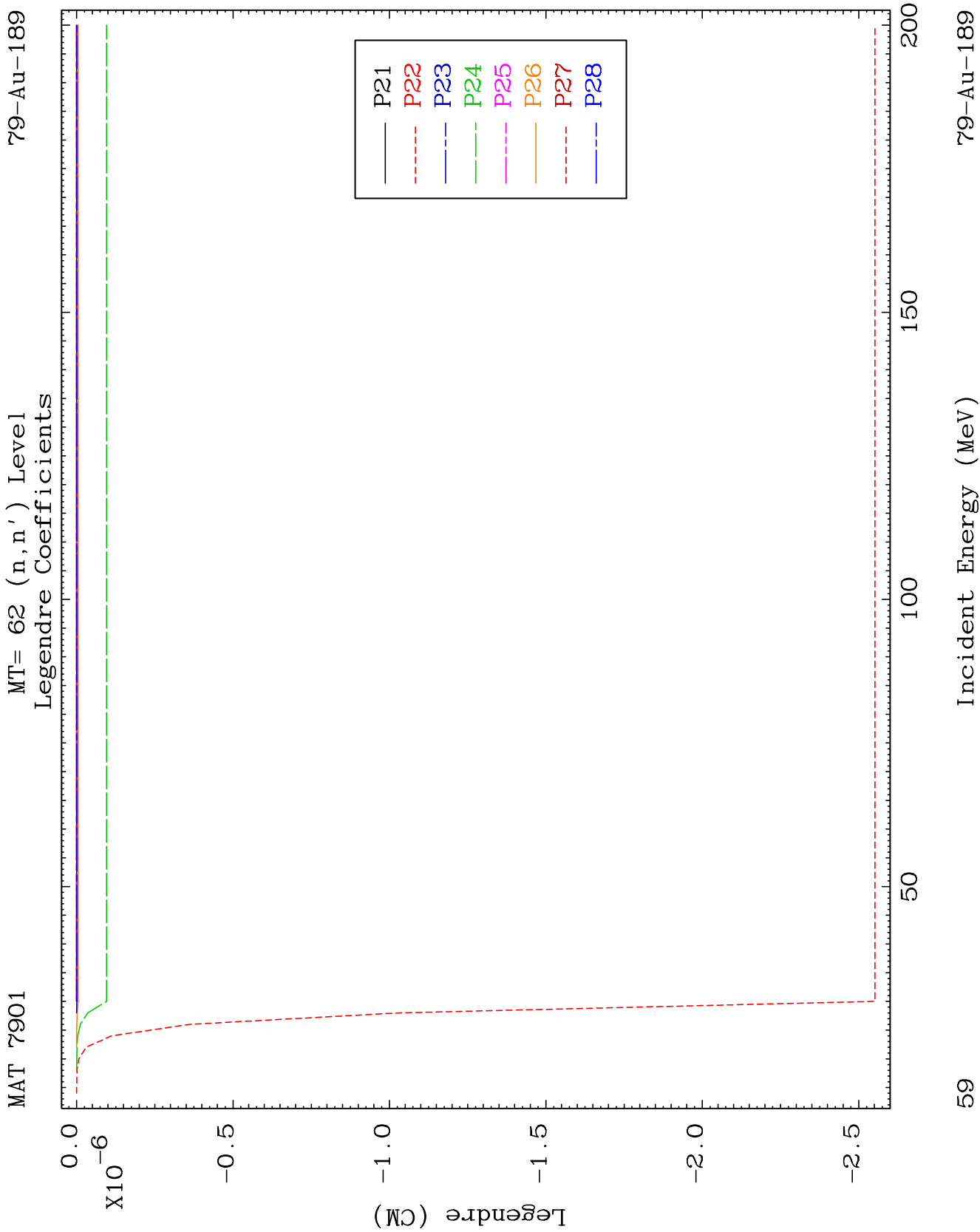








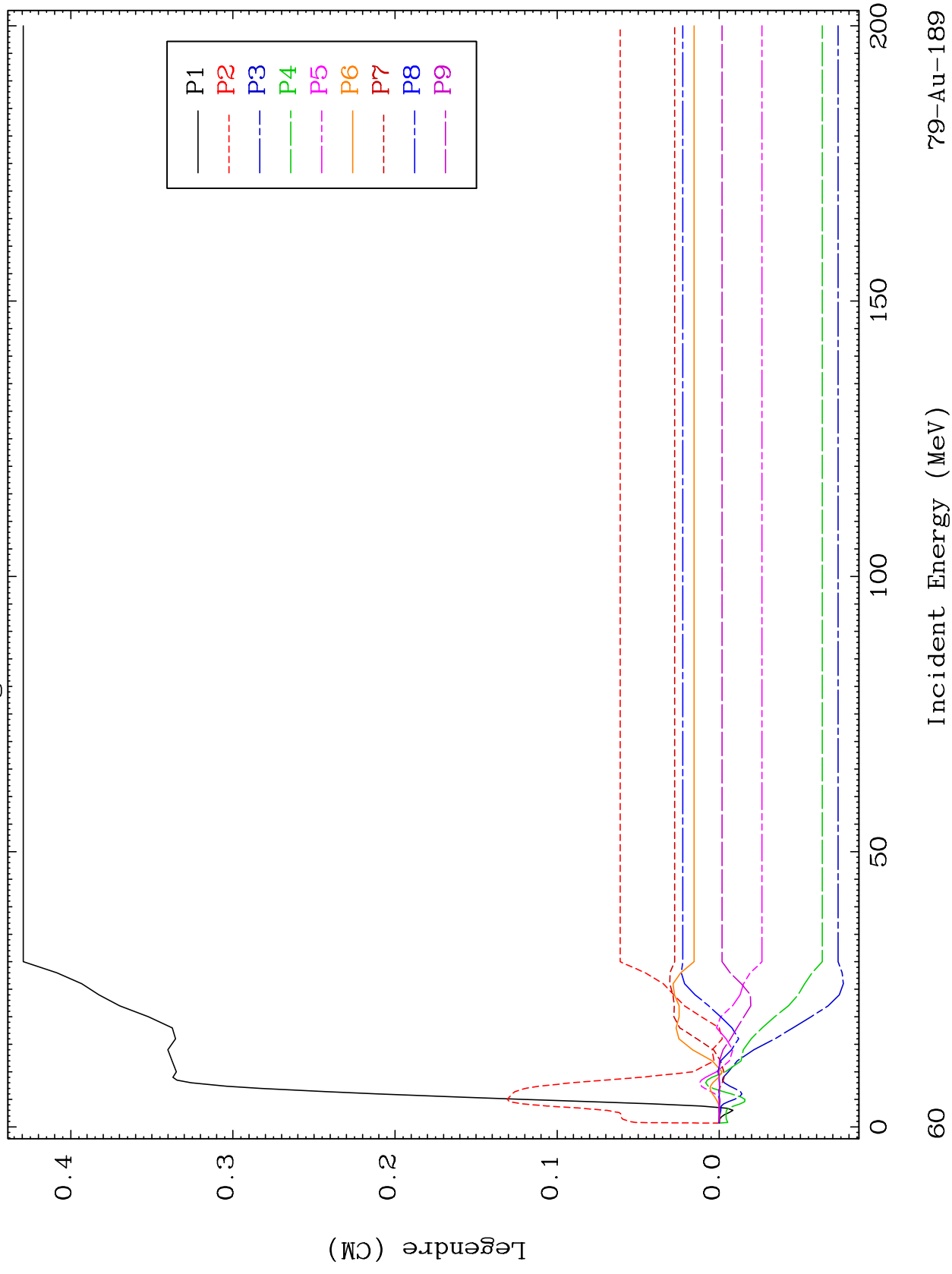


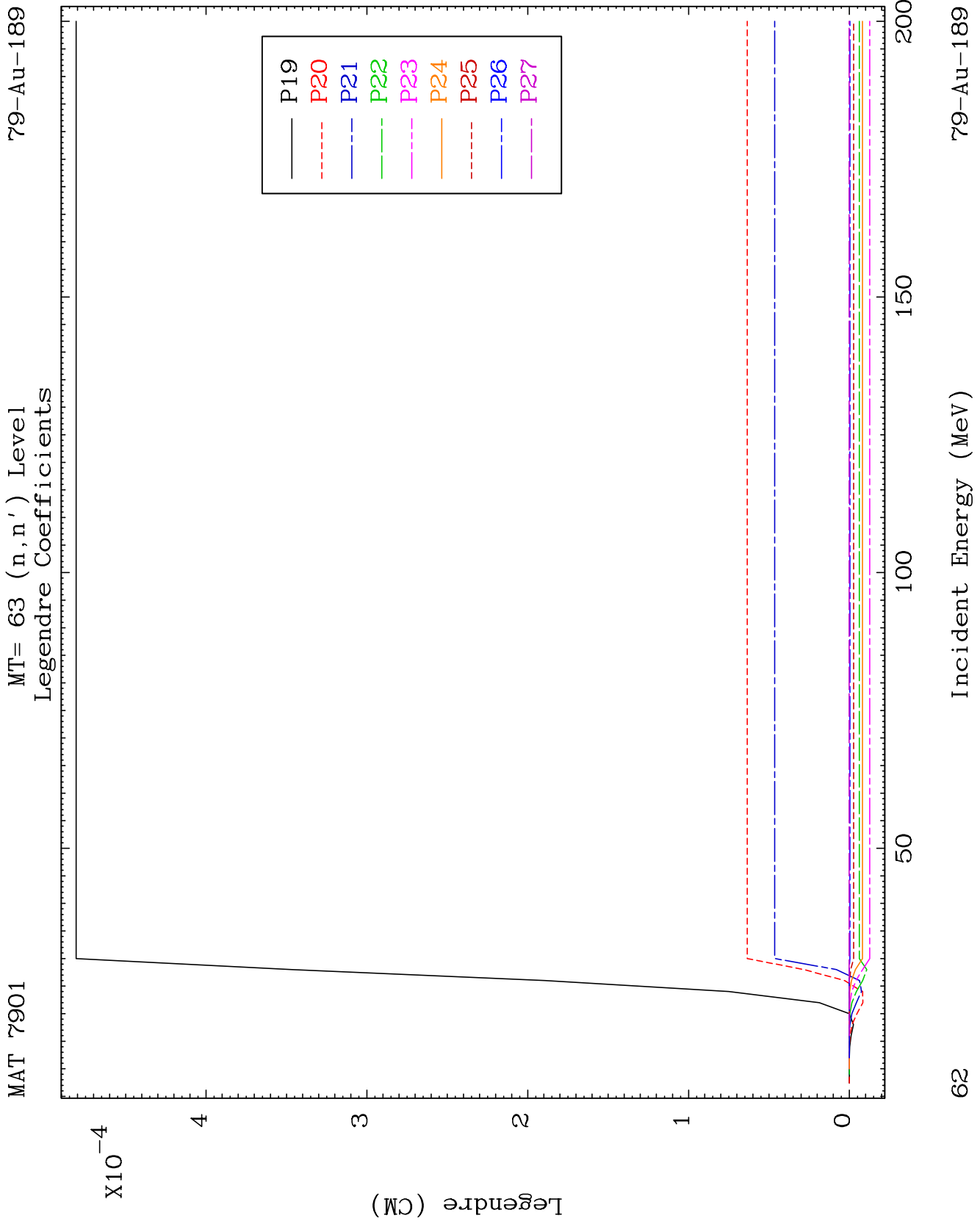


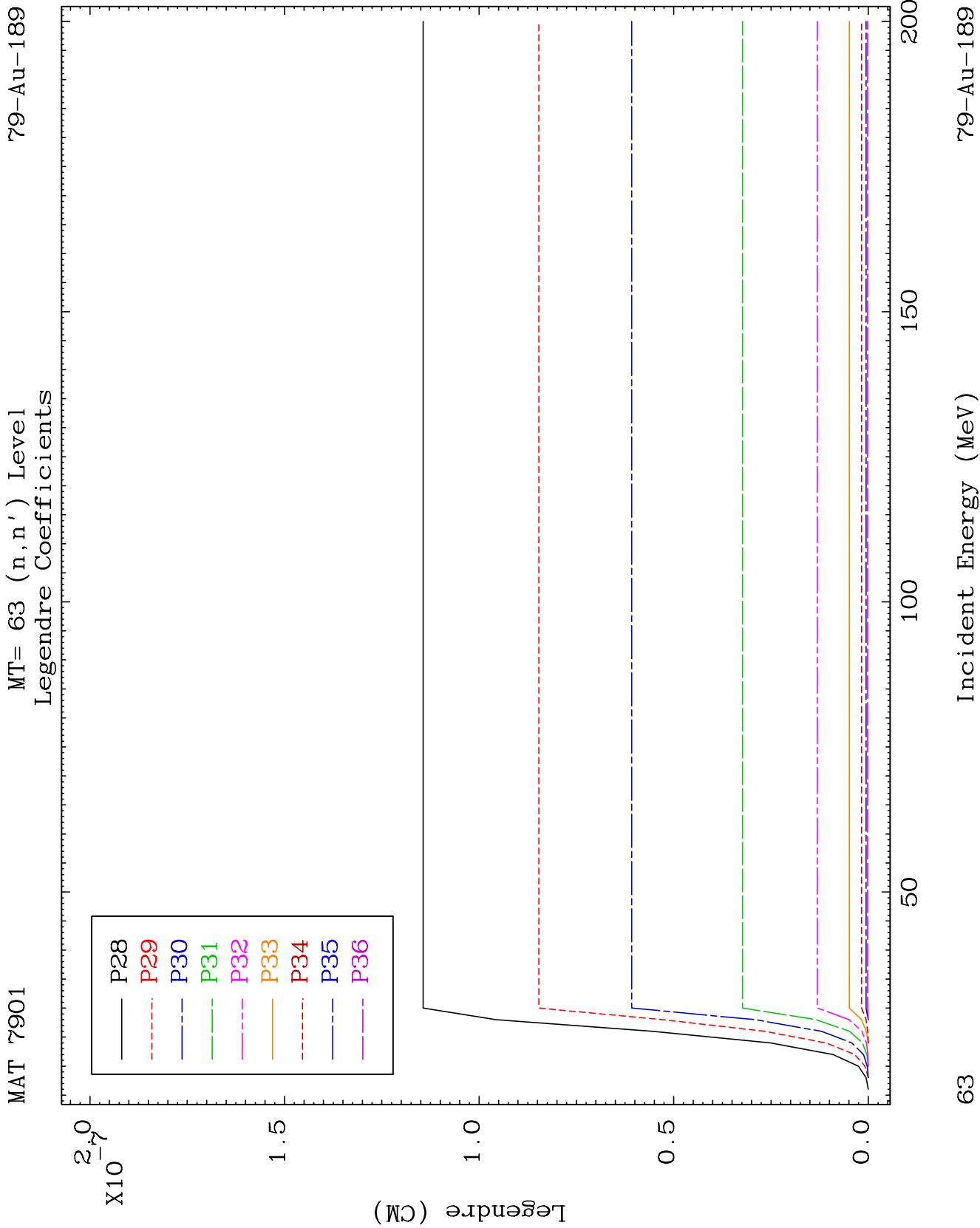
MAT 7901

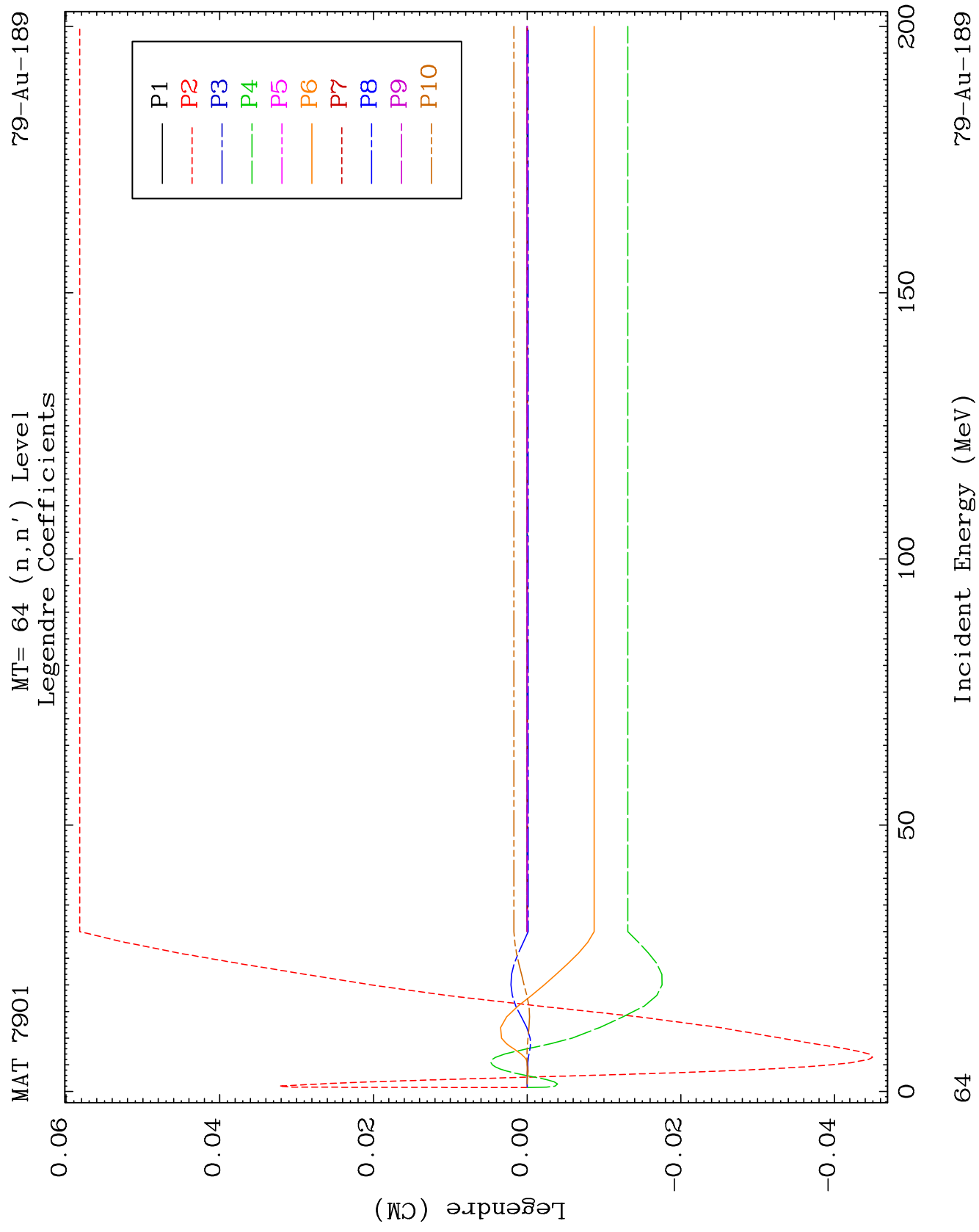
MT= 63 (n, n') Level
Legendre Coefficients

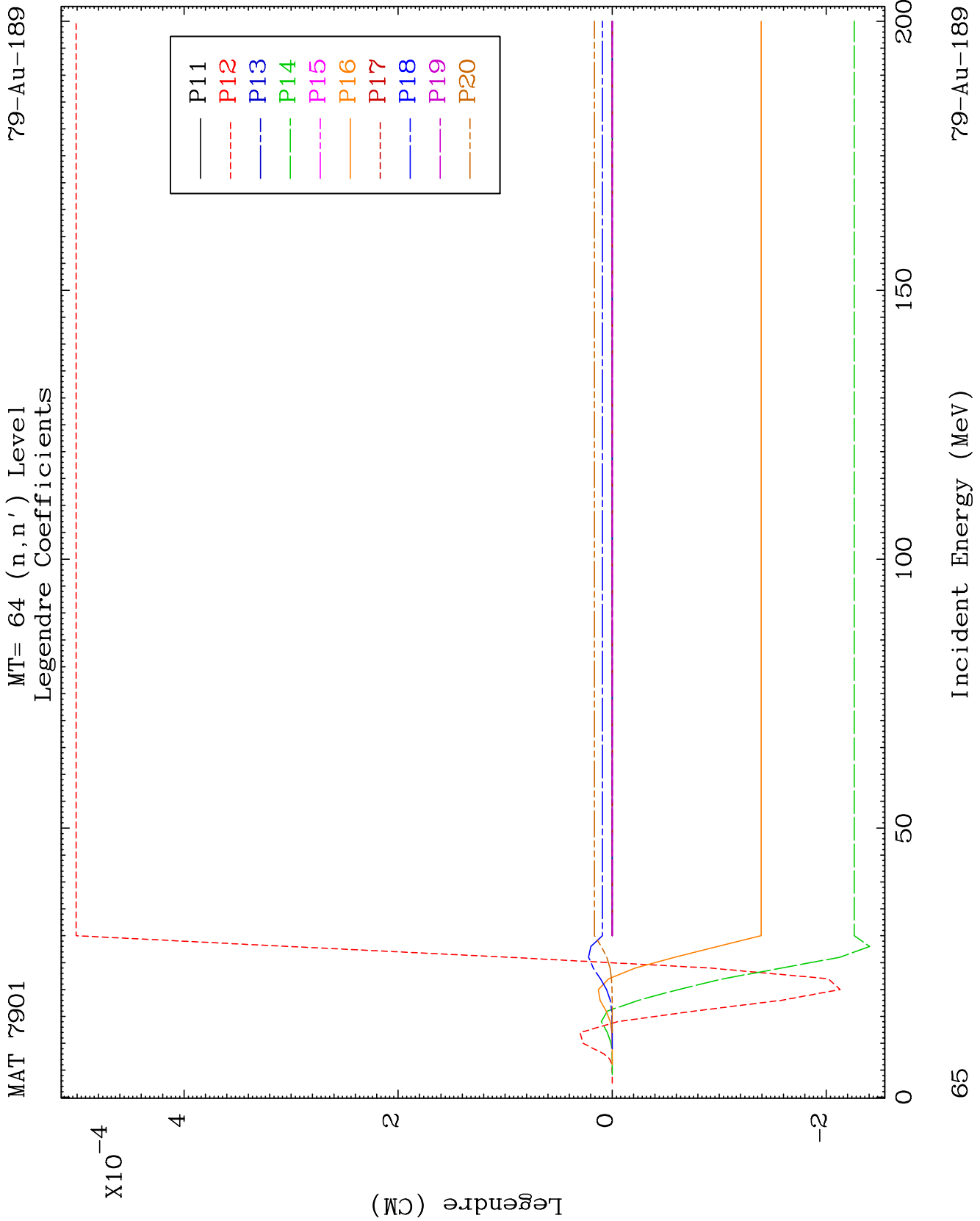
79-Au-189

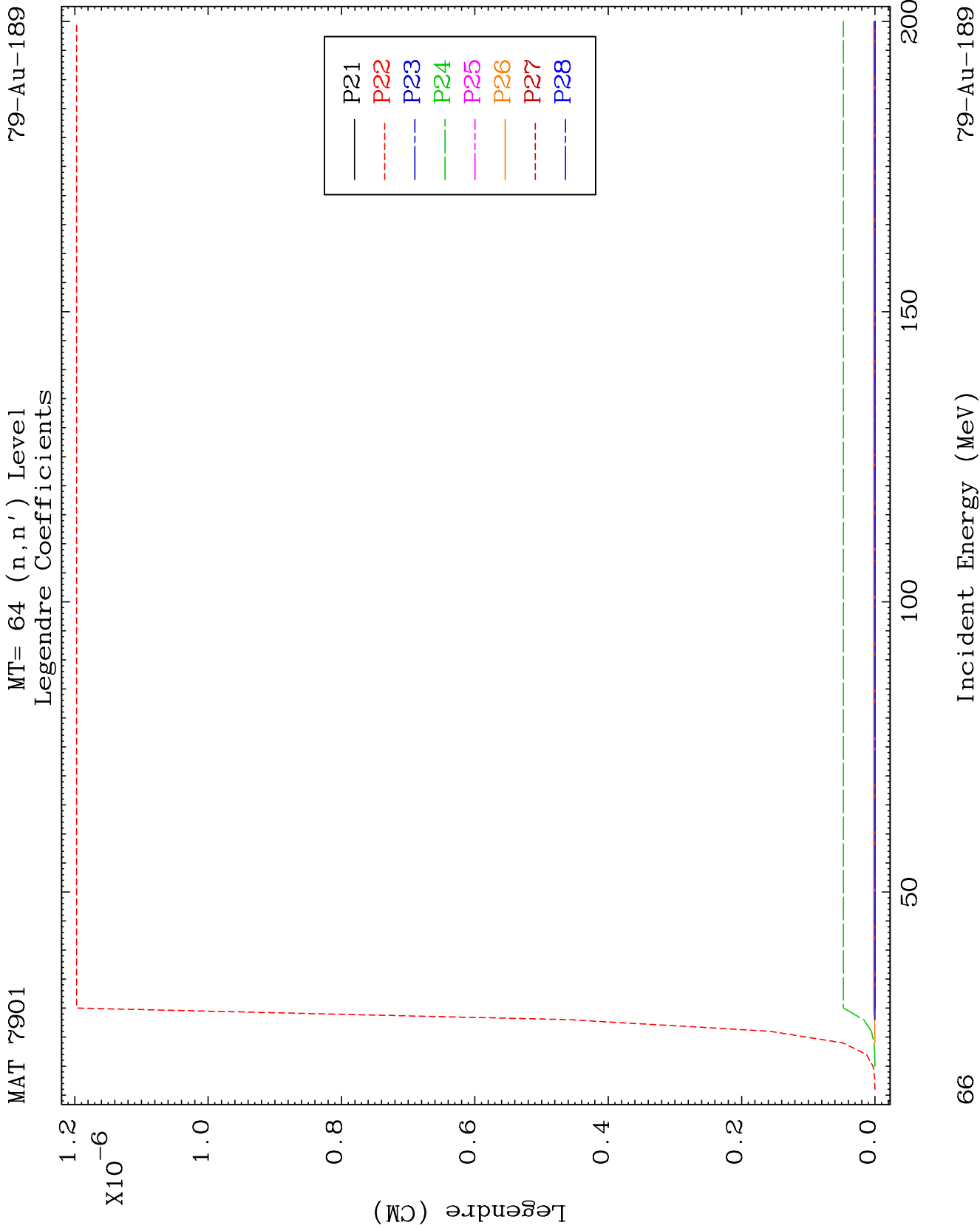


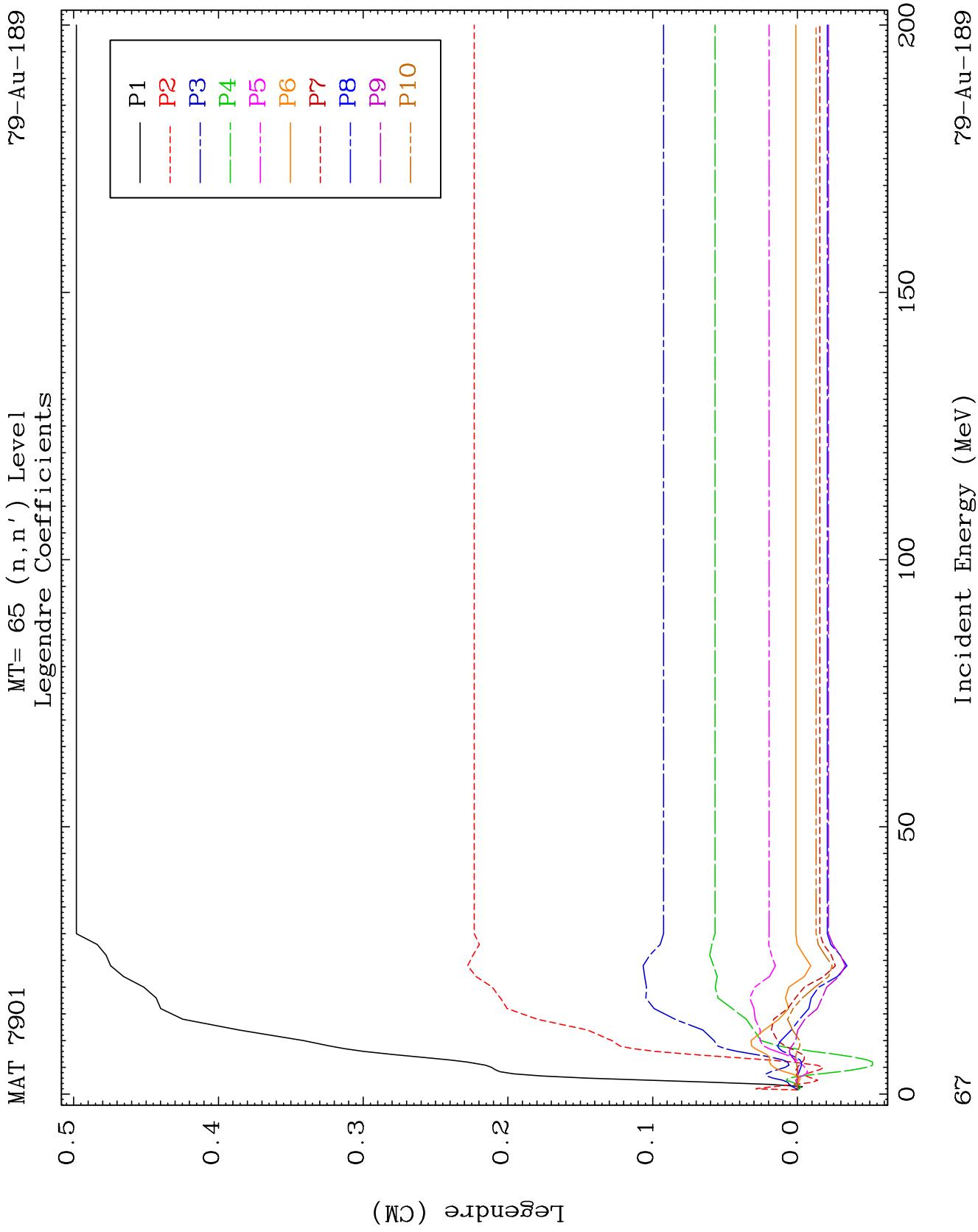


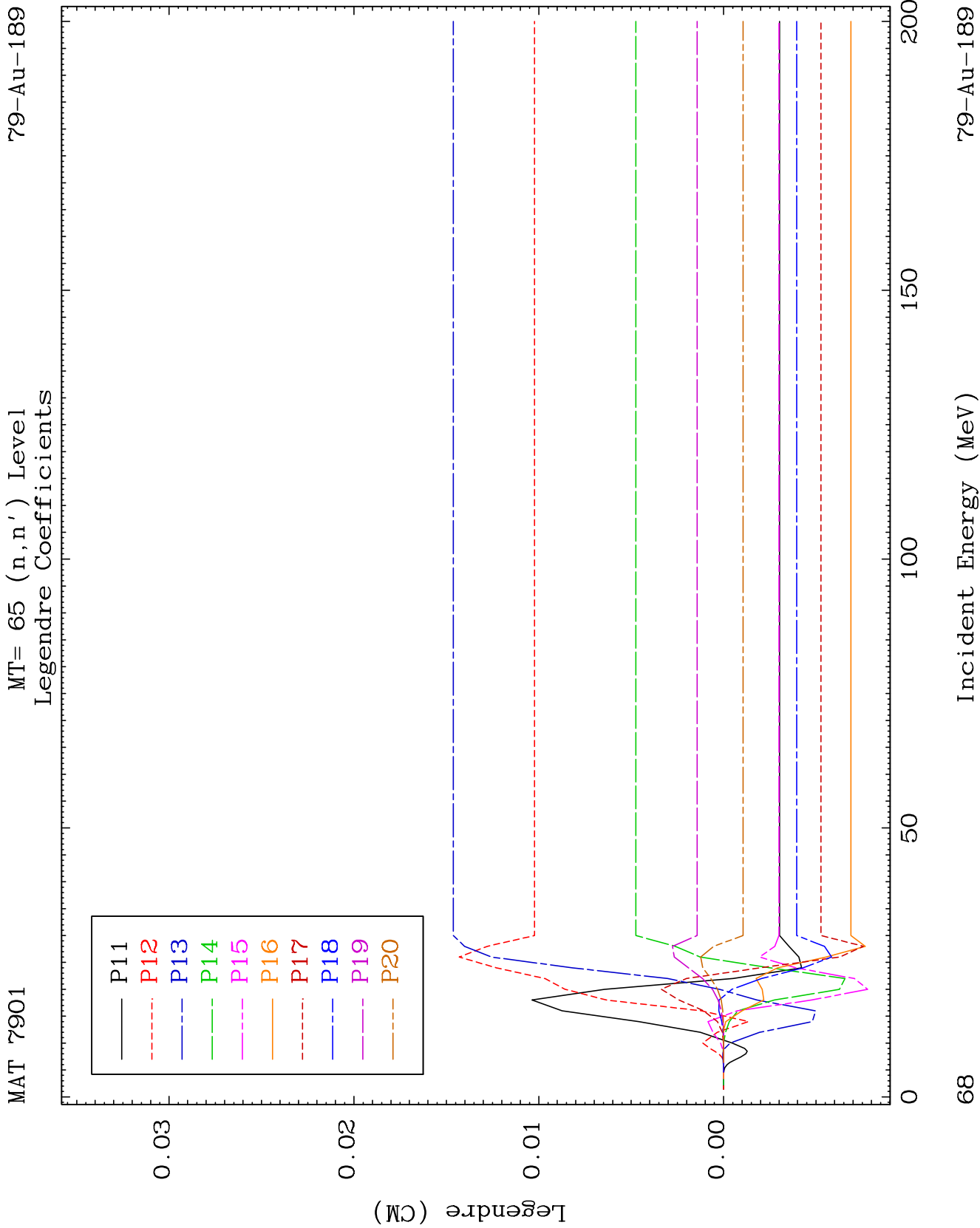


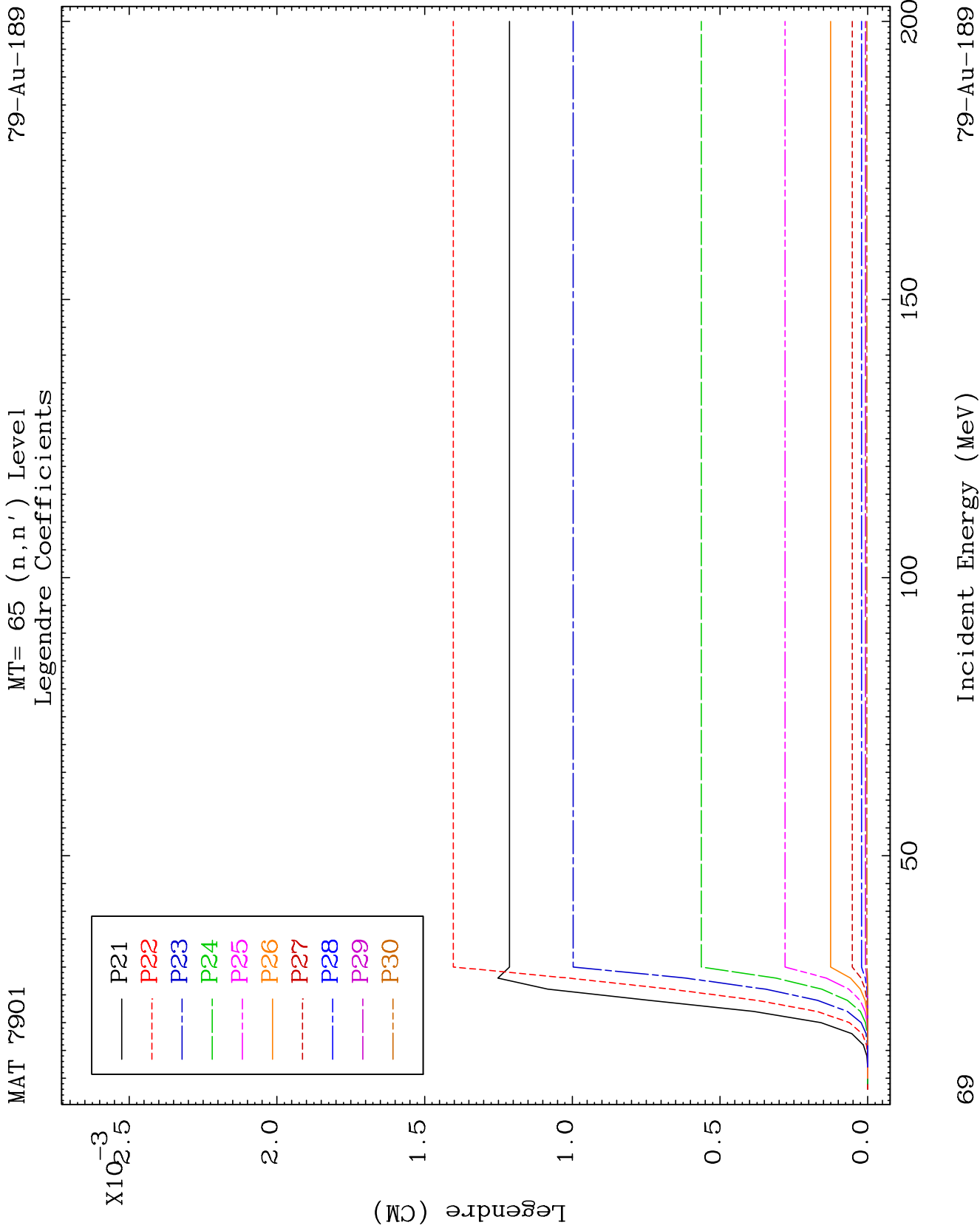


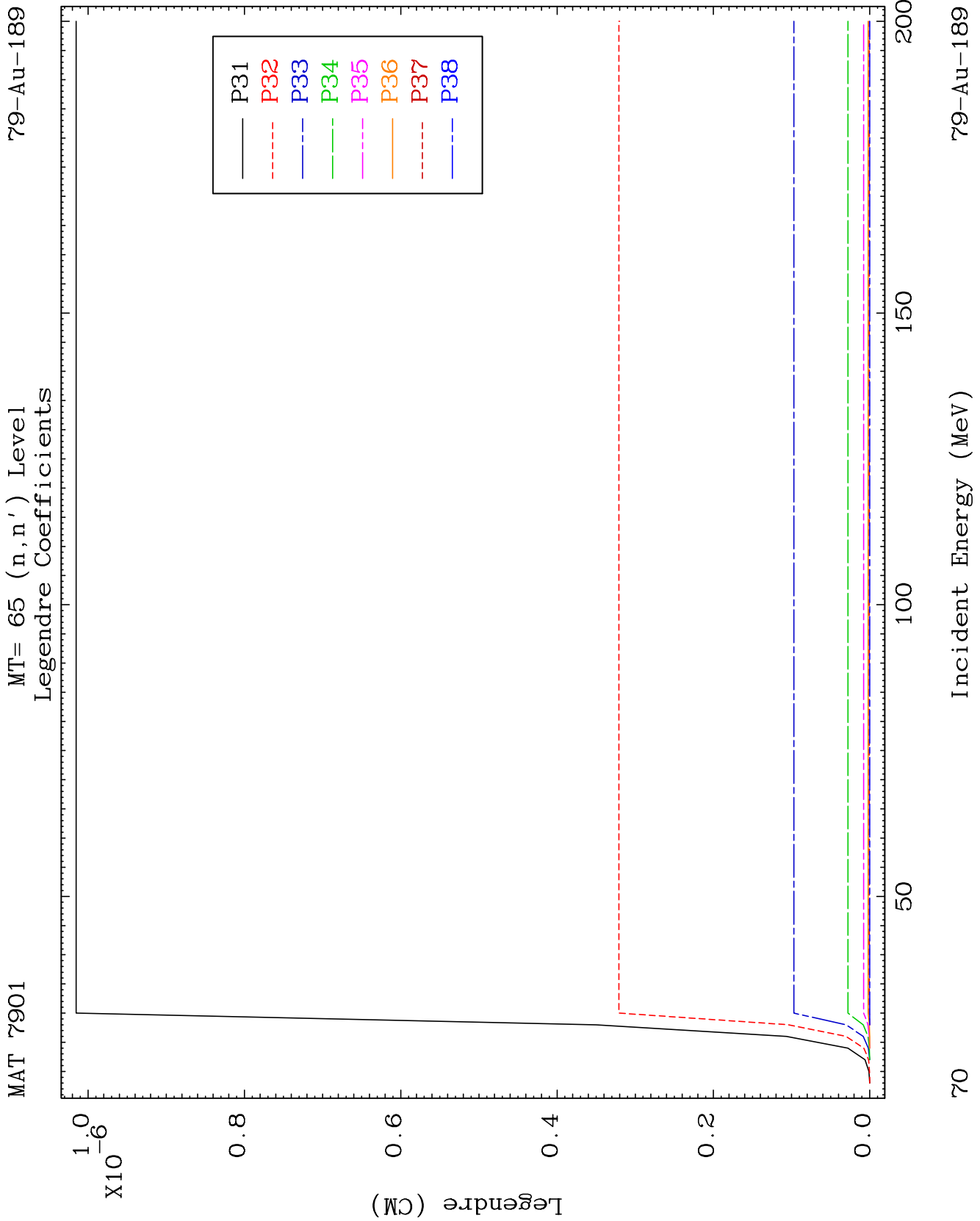


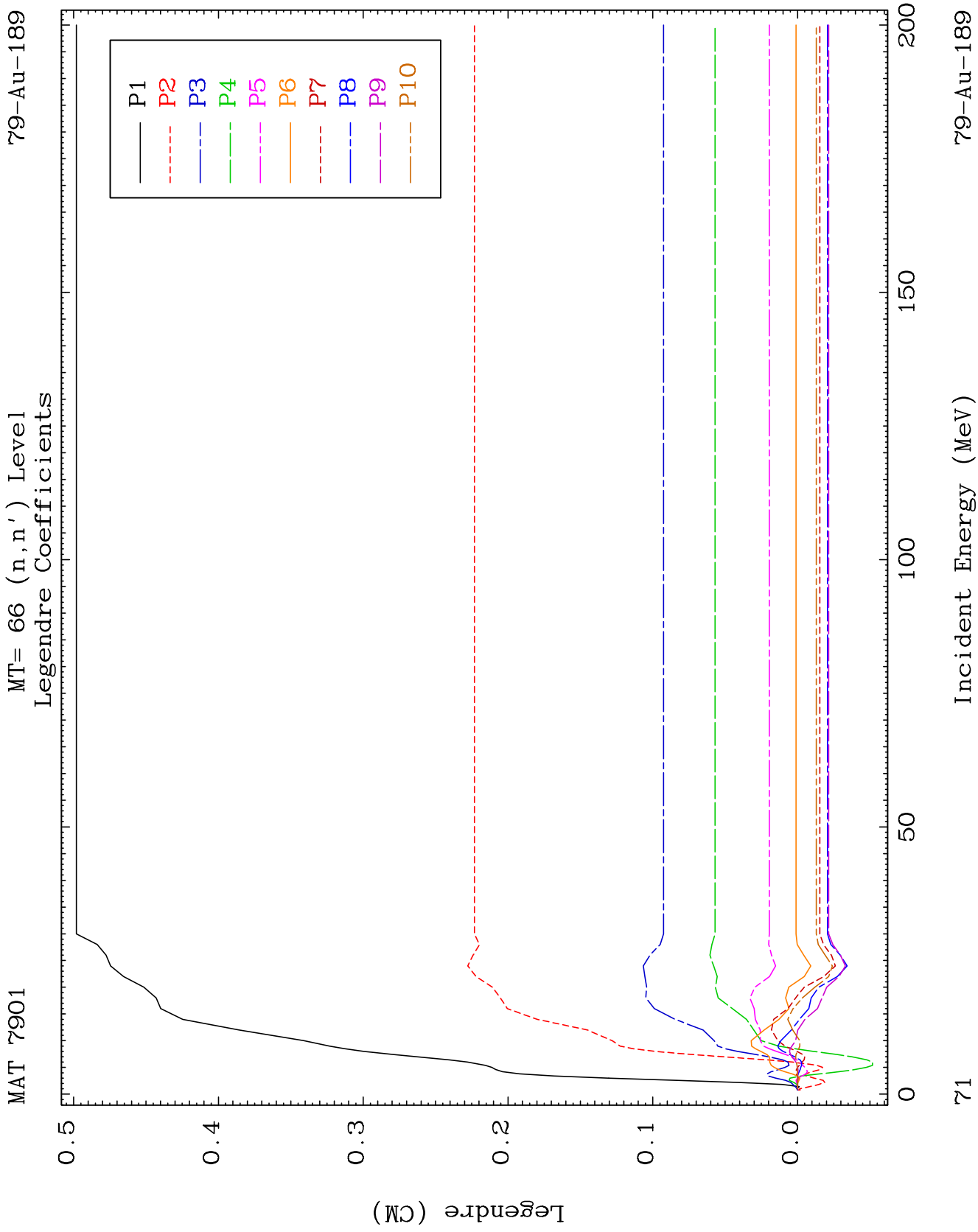


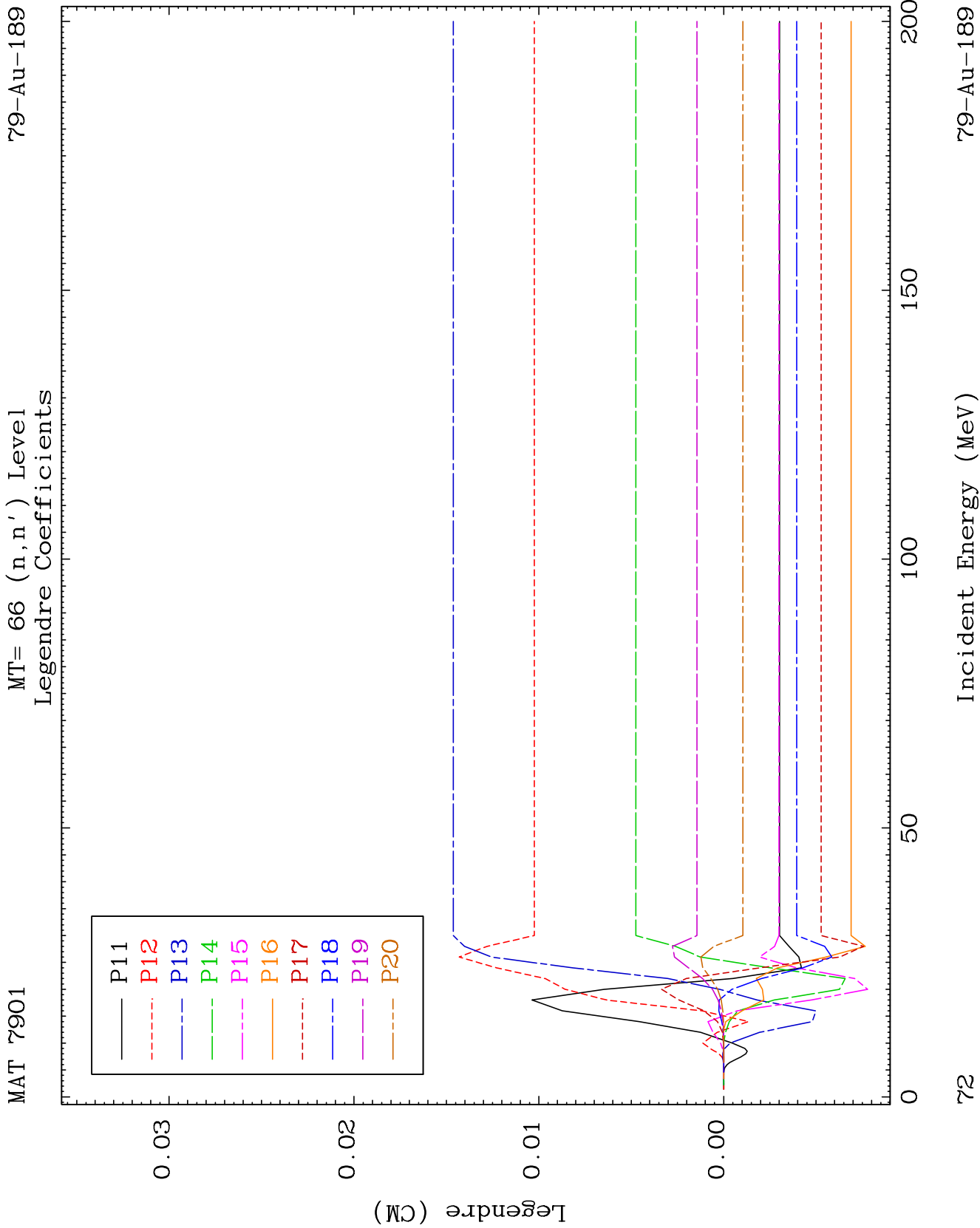


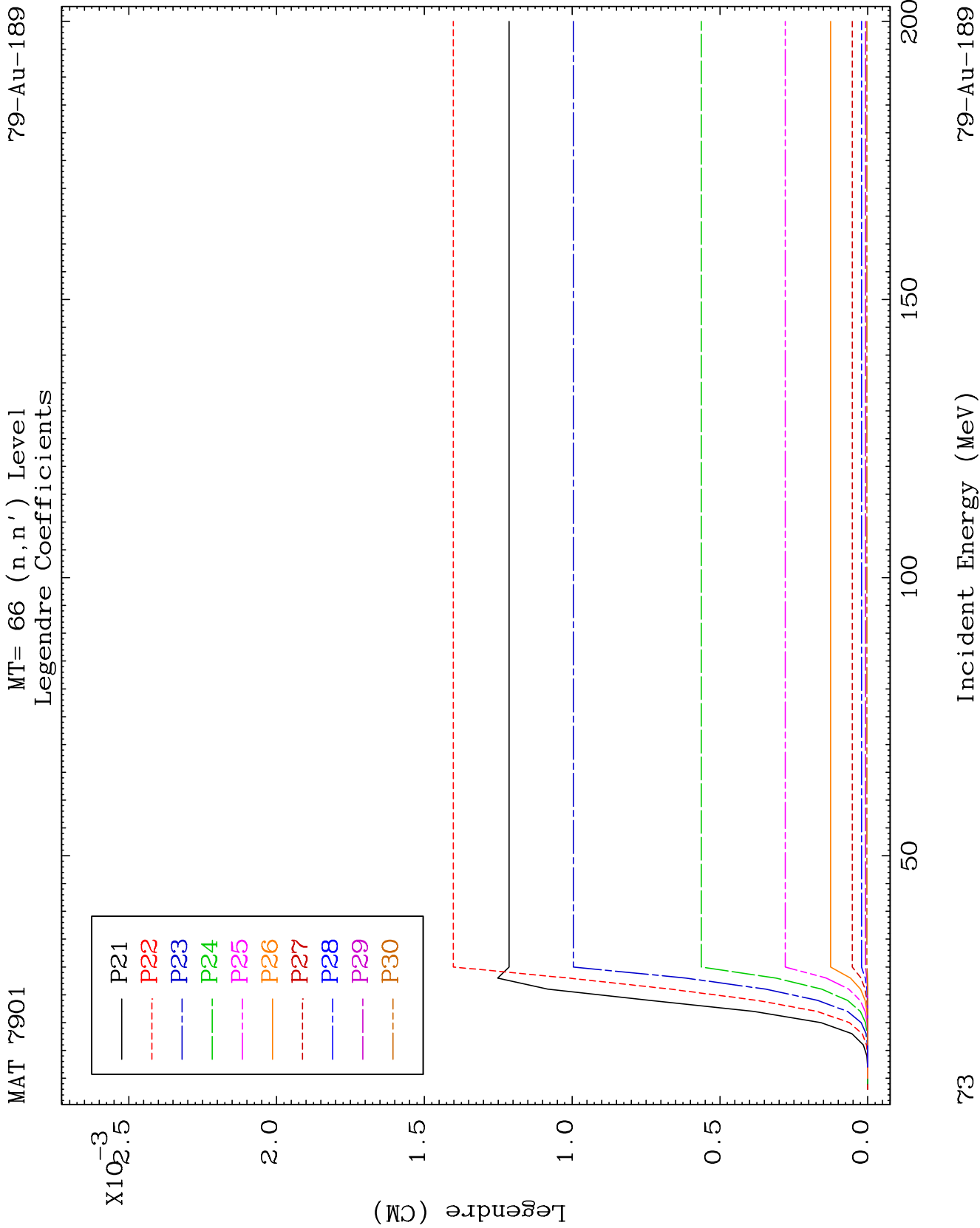


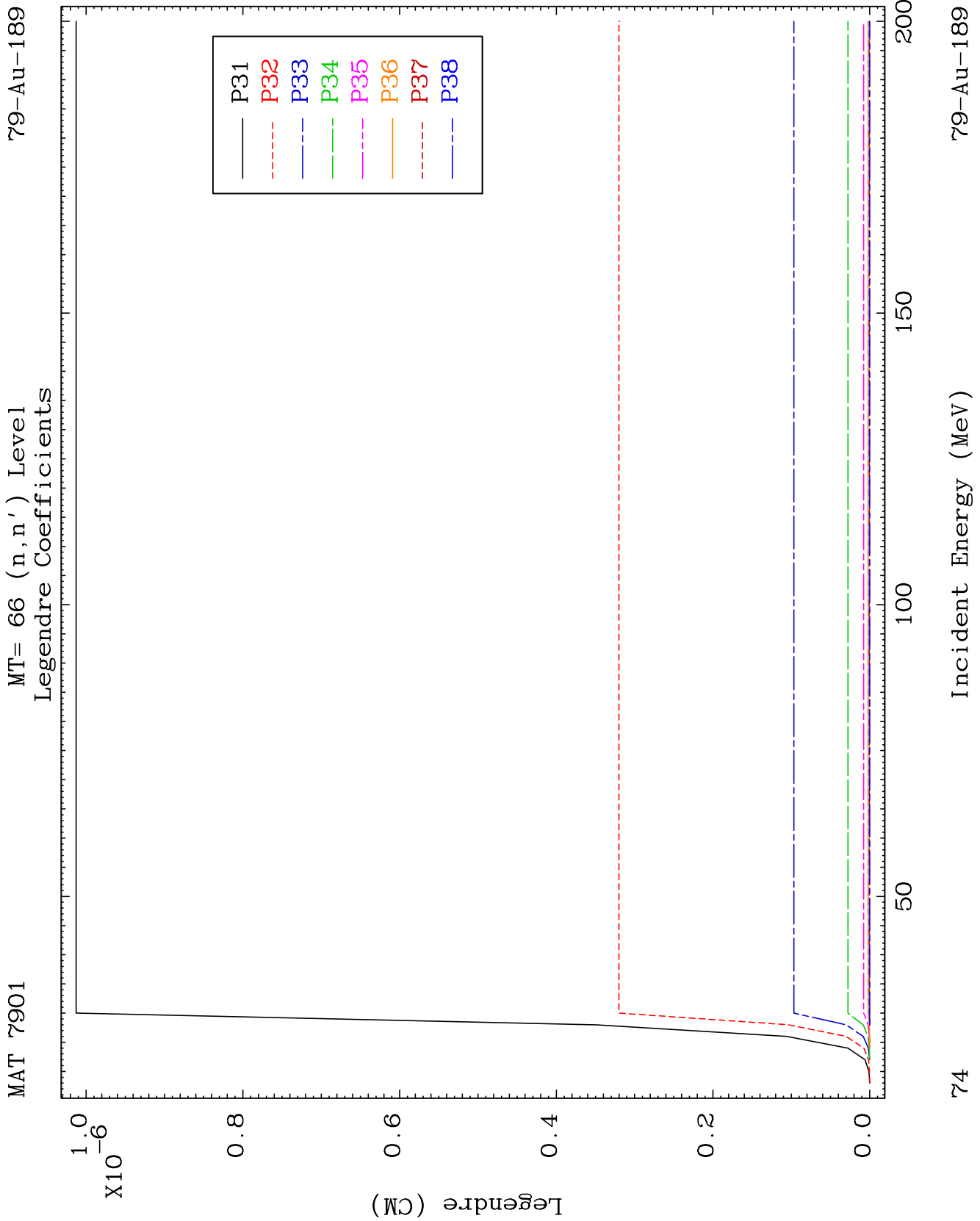








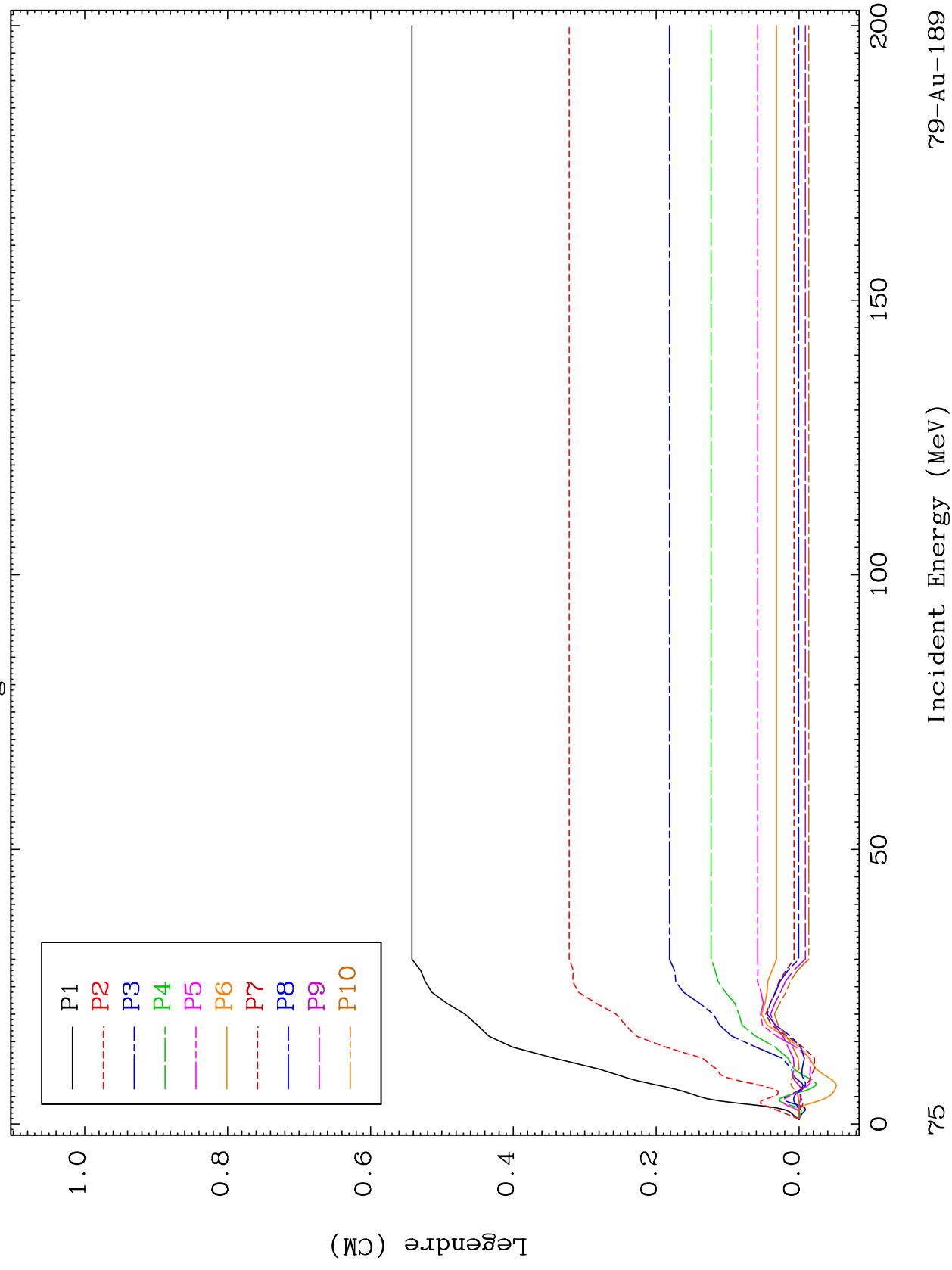




MAT 7901

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

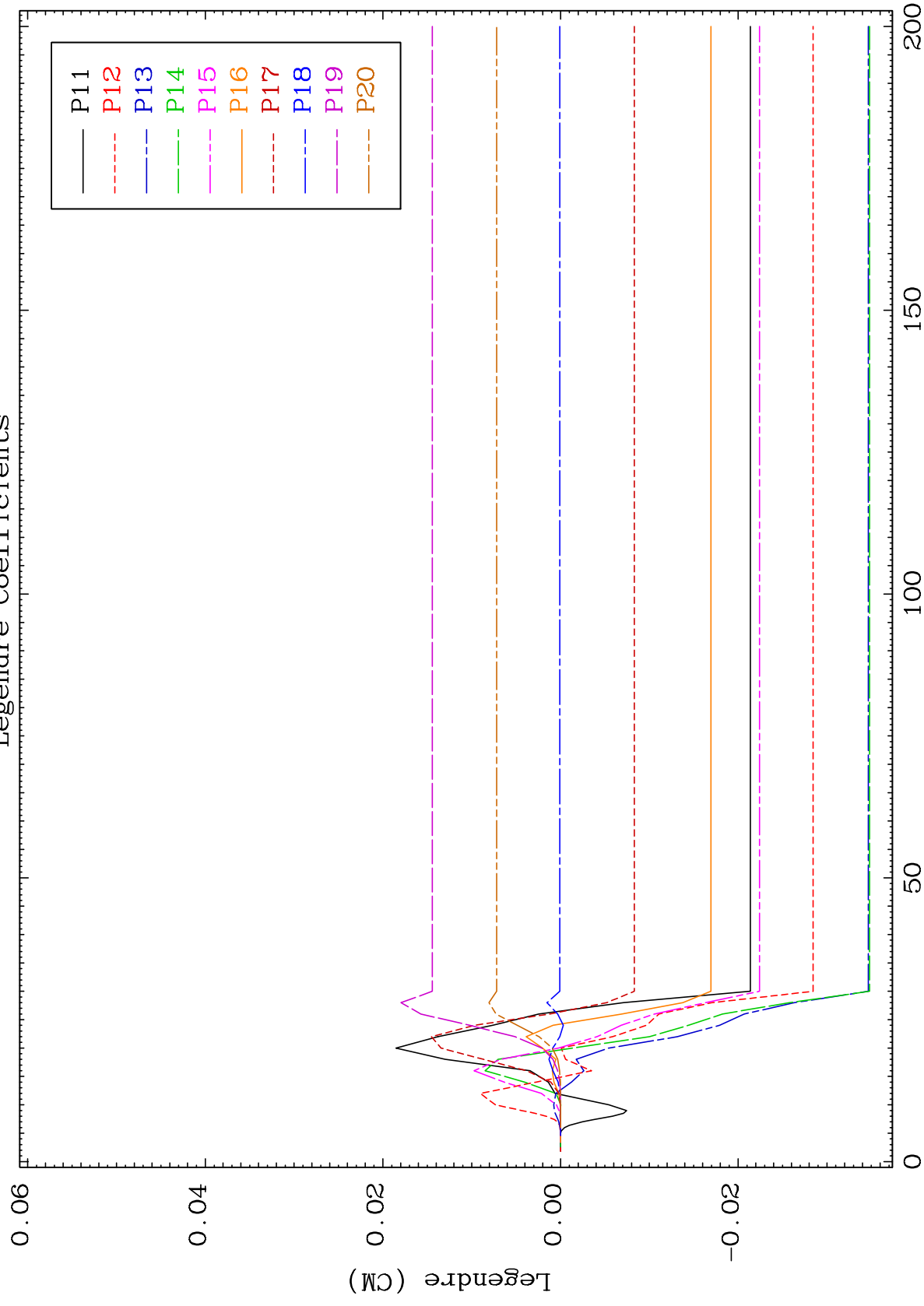
79-Au-189



MAT 7901

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

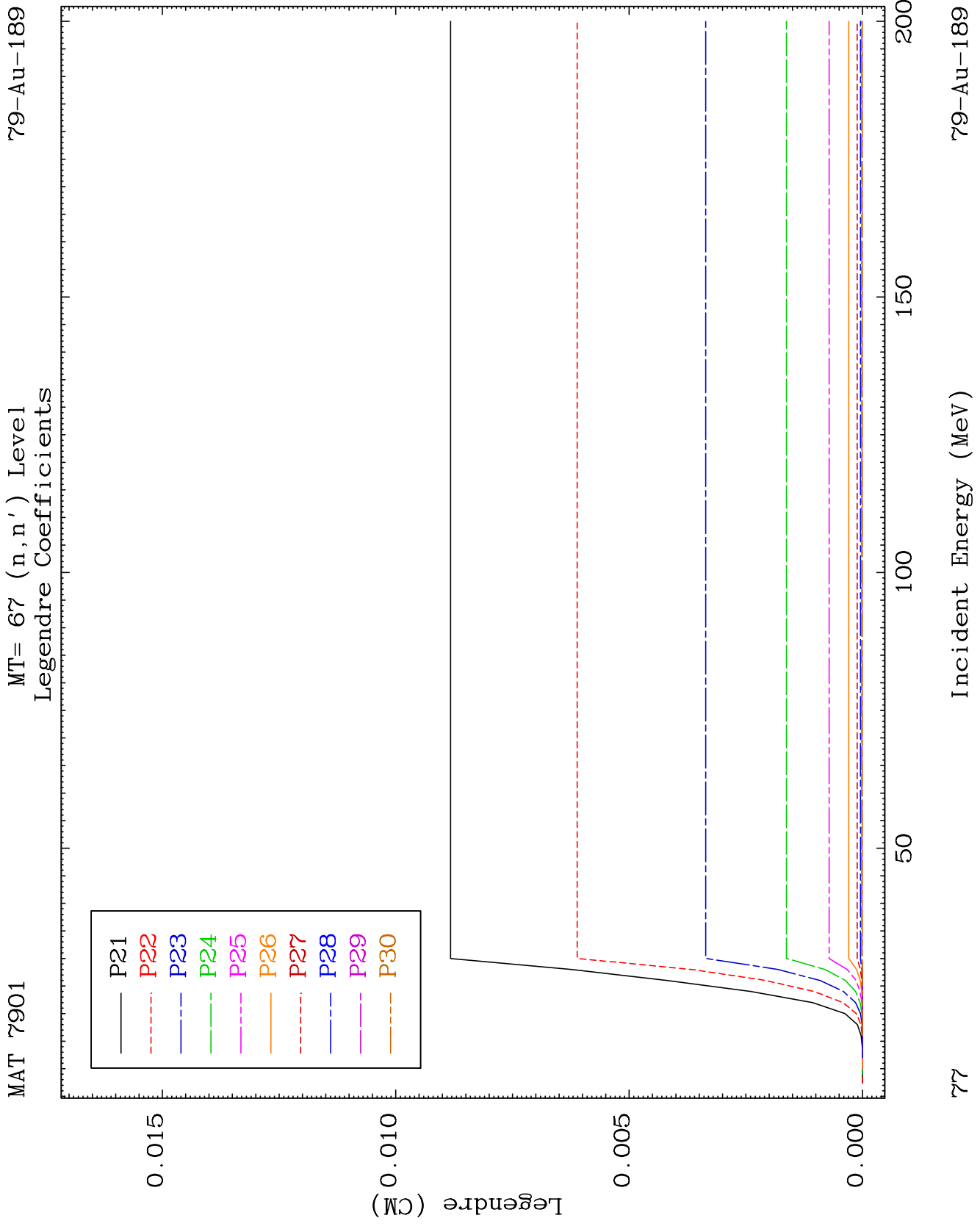
79-Au-189

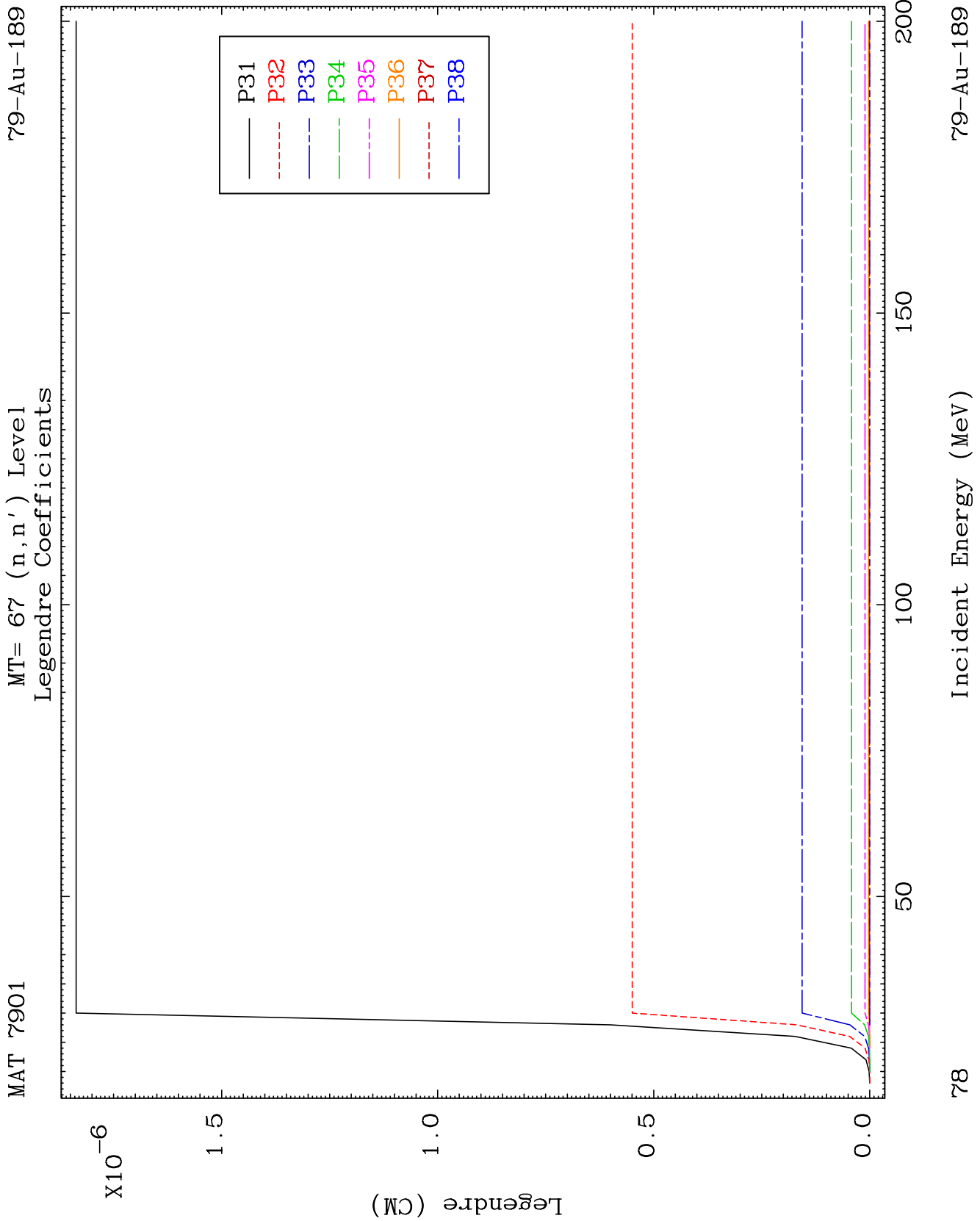


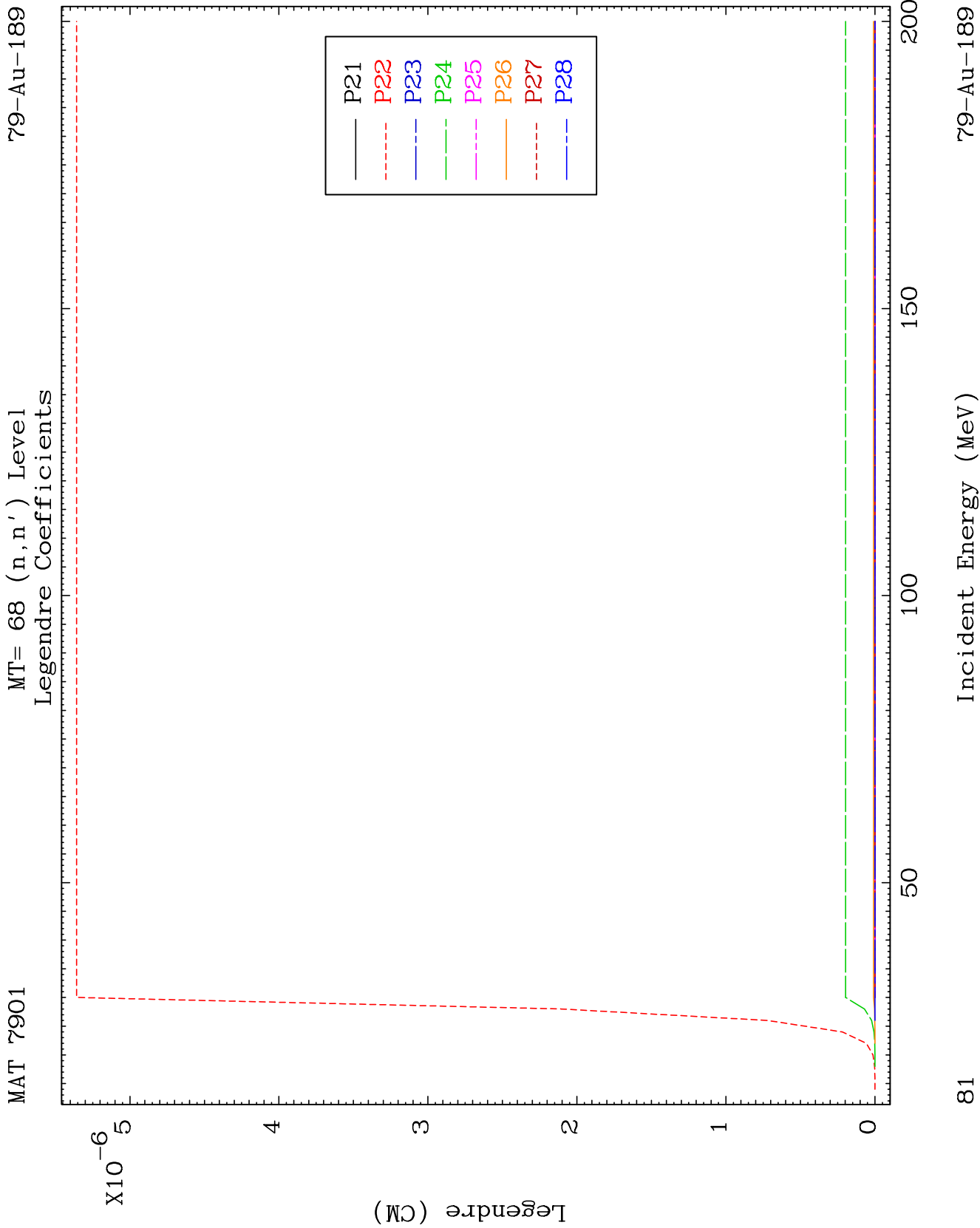
92

Incident Energy (MeV)

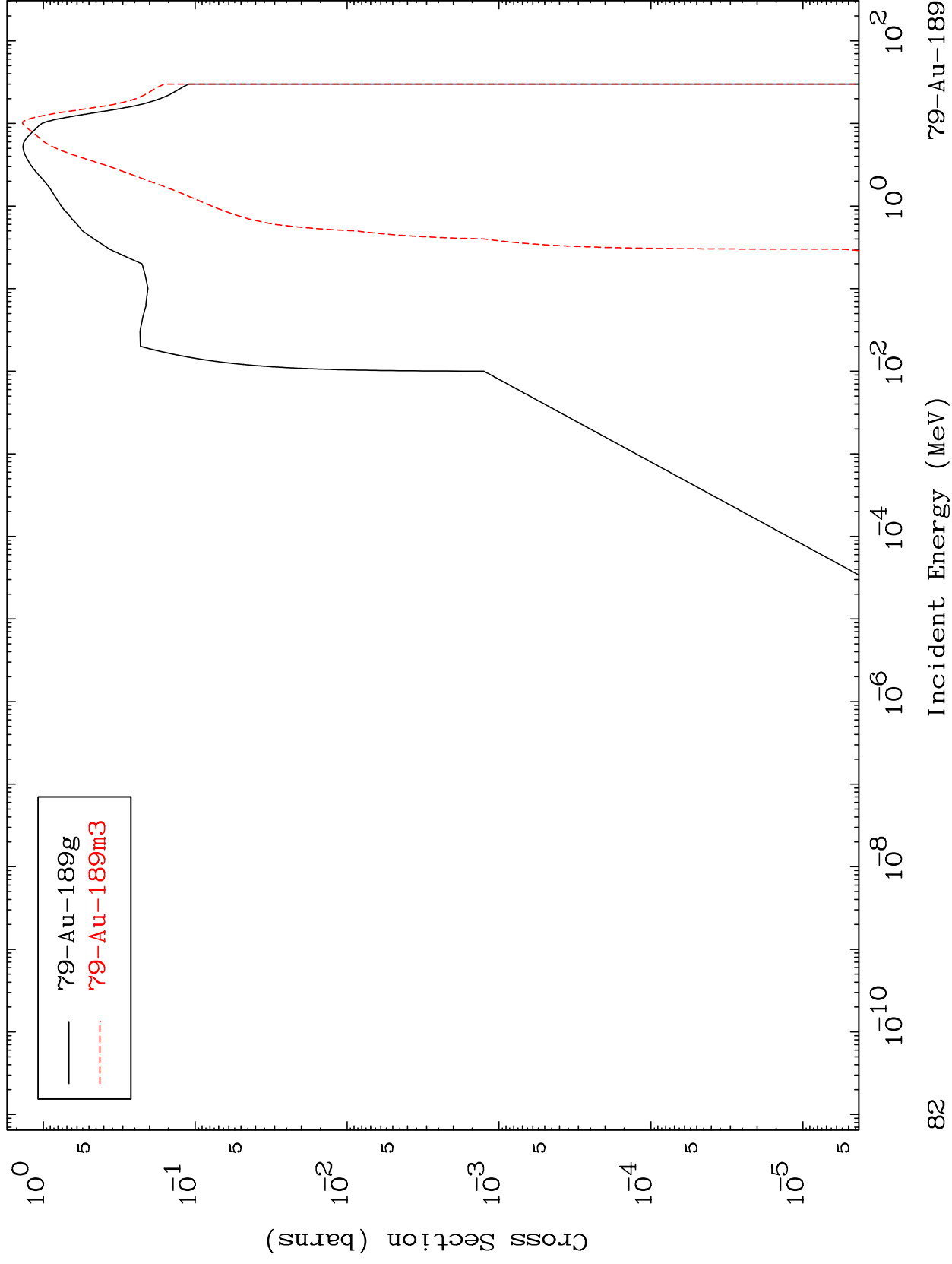
79-Au-189

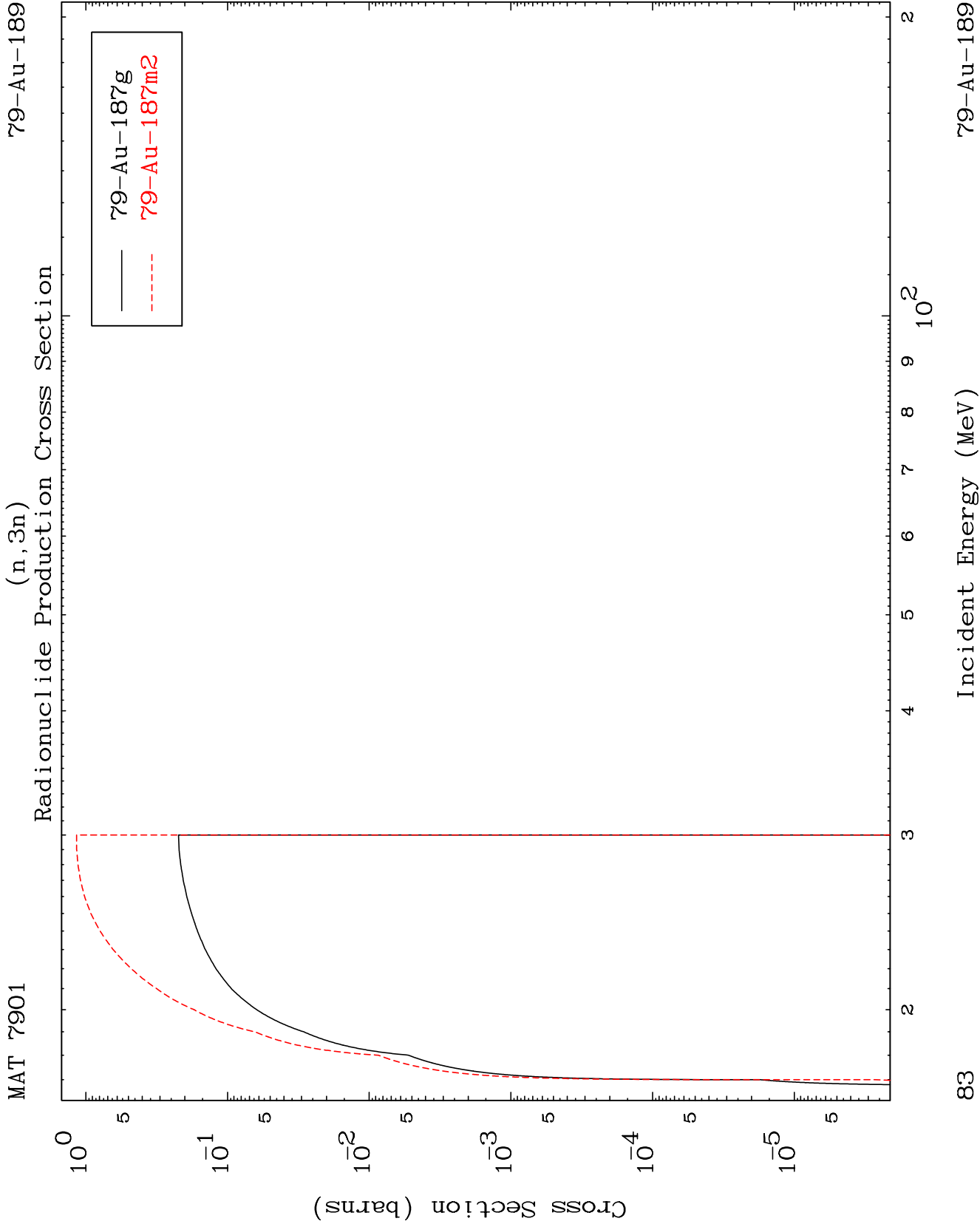






Radionuclide Production Cross Section



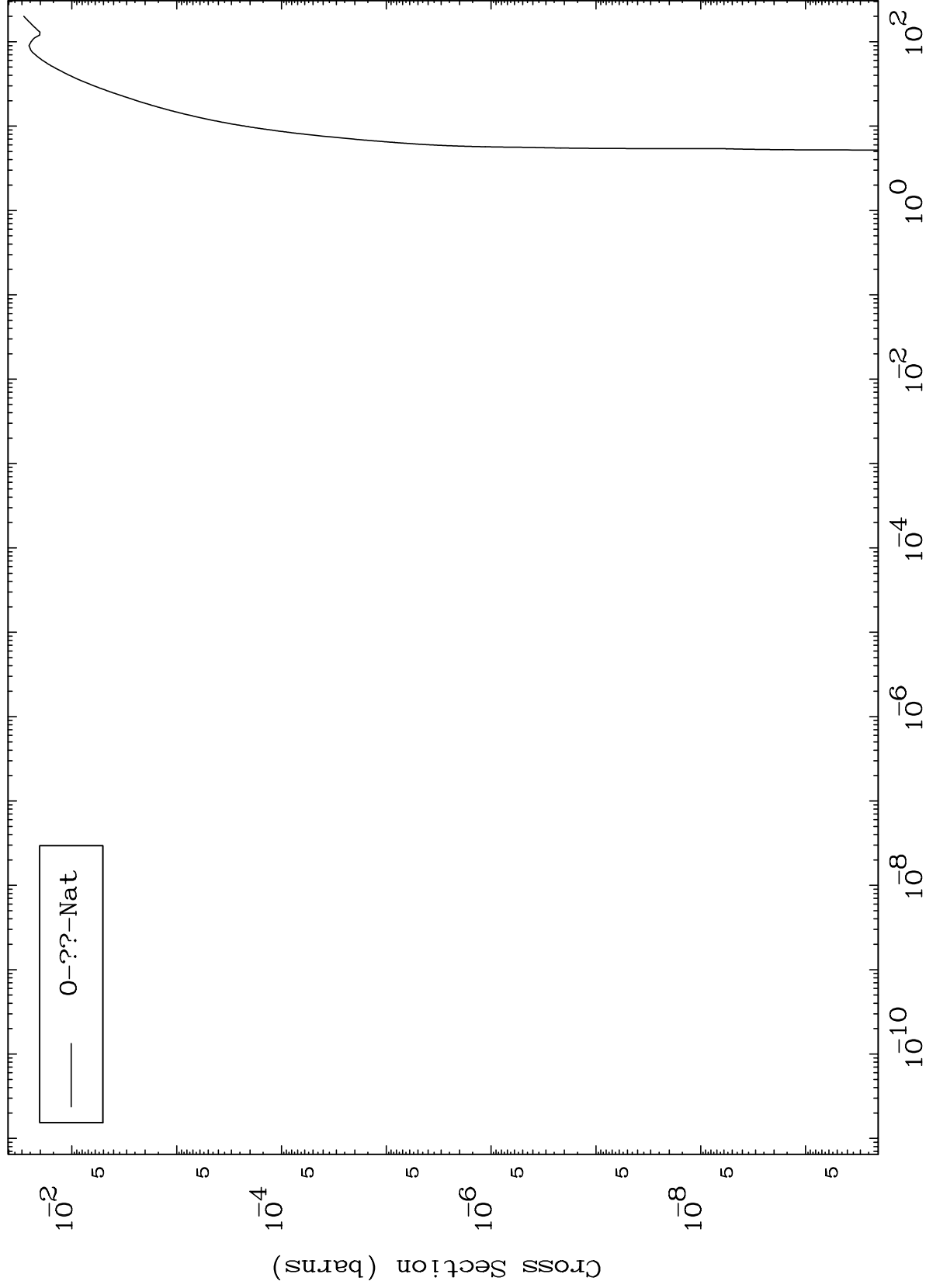


MAT 7901

Fission

⁷⁹Au-189

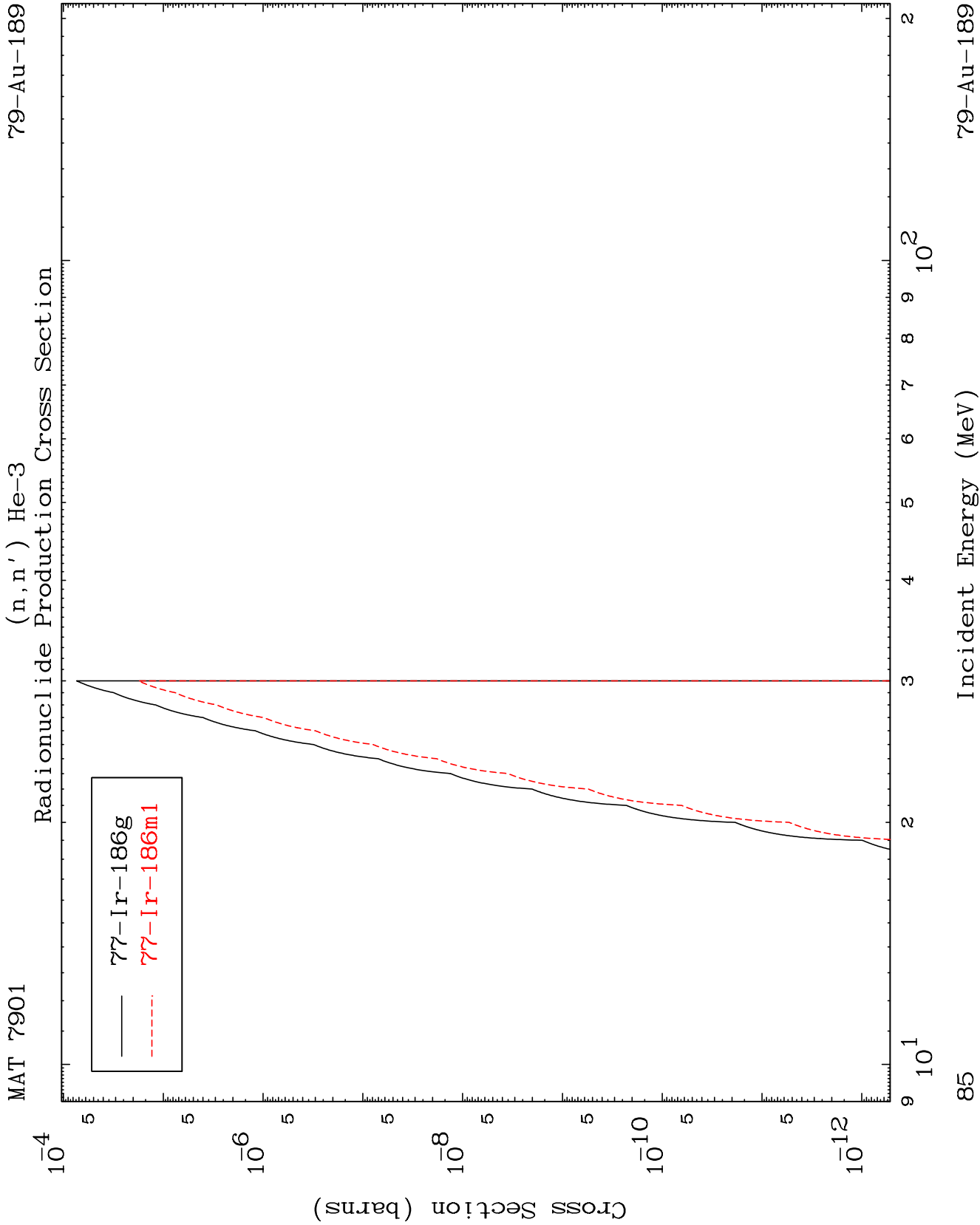
Radionuclide Production Cross Section



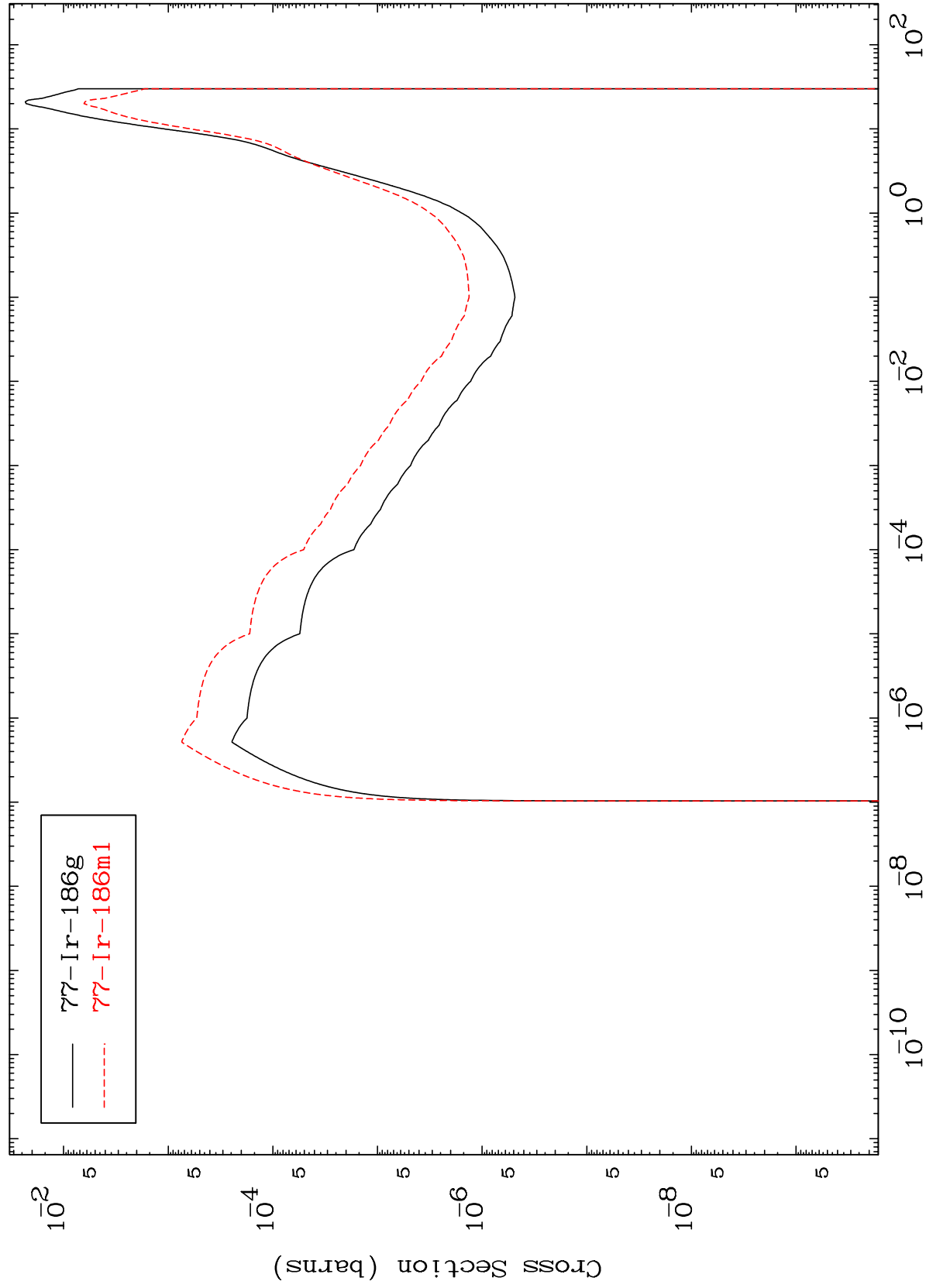
84

Incident Energy (MeV)

⁷⁹Au-189



(n, α)
Radionuclide Production Cross Section

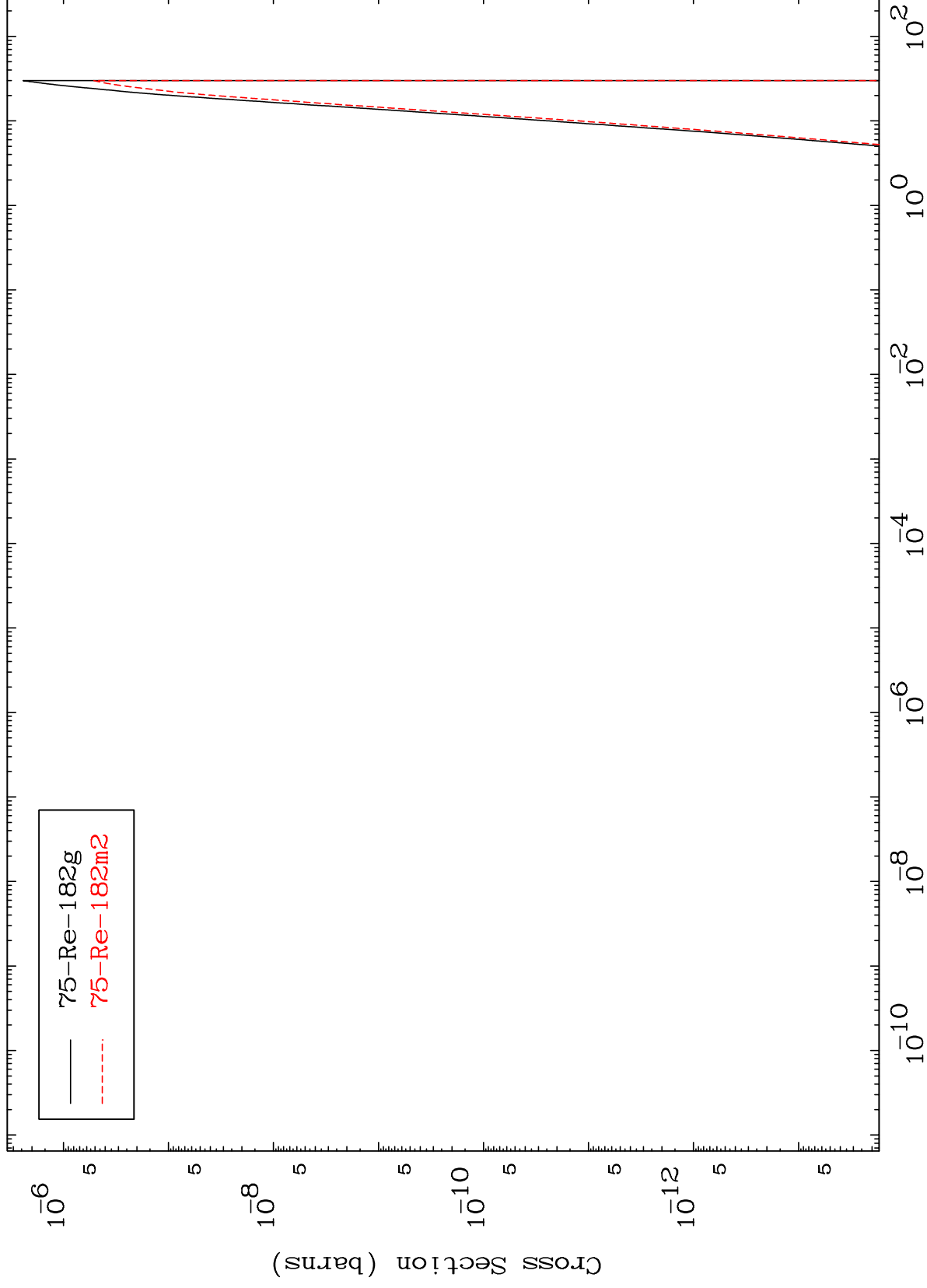


MAT 7901

(n,2α)

⁷⁹Au-189

Radionuclide Production Cross Section



87

Incident Energy (MeV)

⁷⁹Au-189

(n,p) t
Radionuclide Production Cross Section