

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

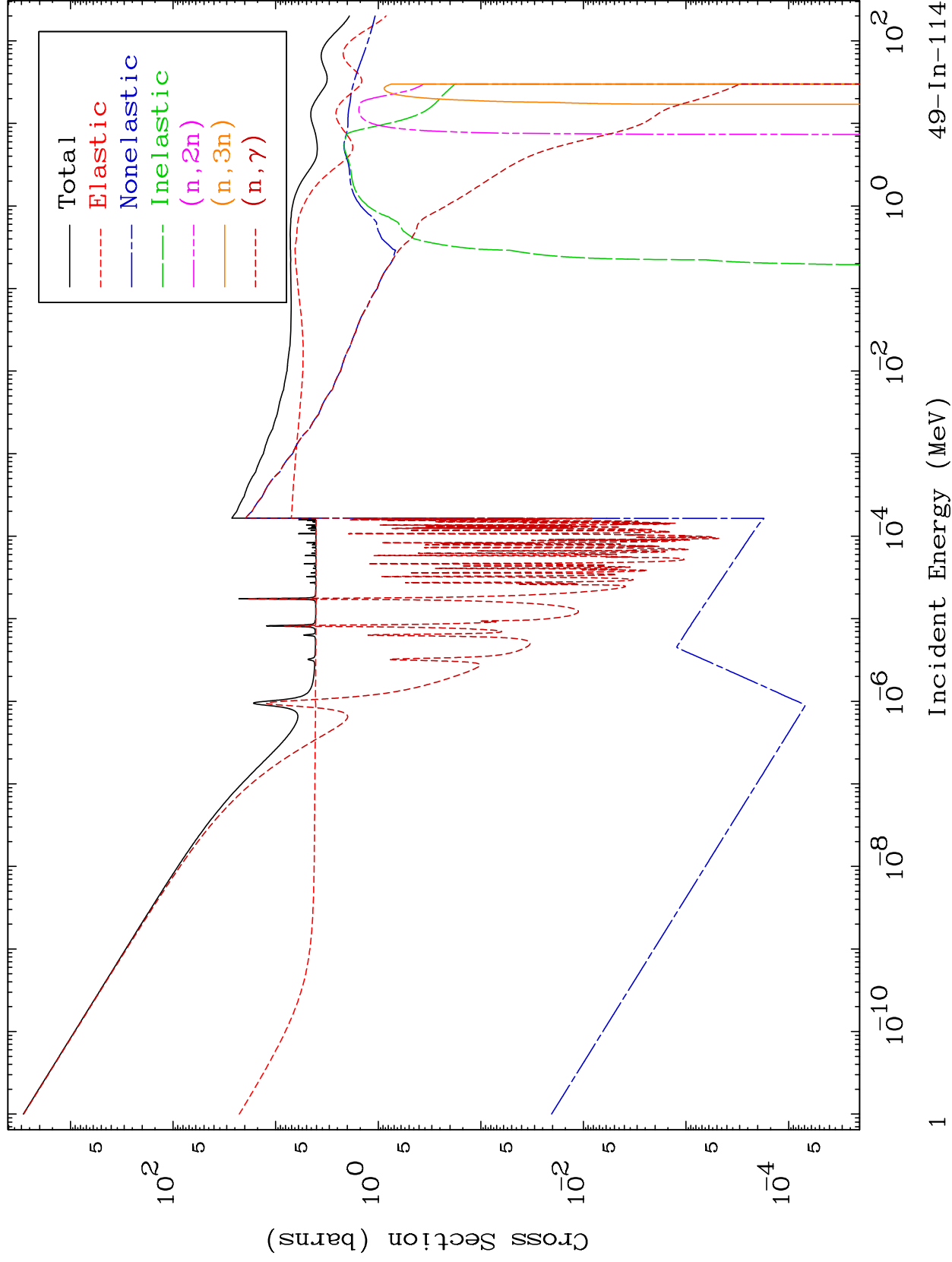
Press Mouse Button to Start

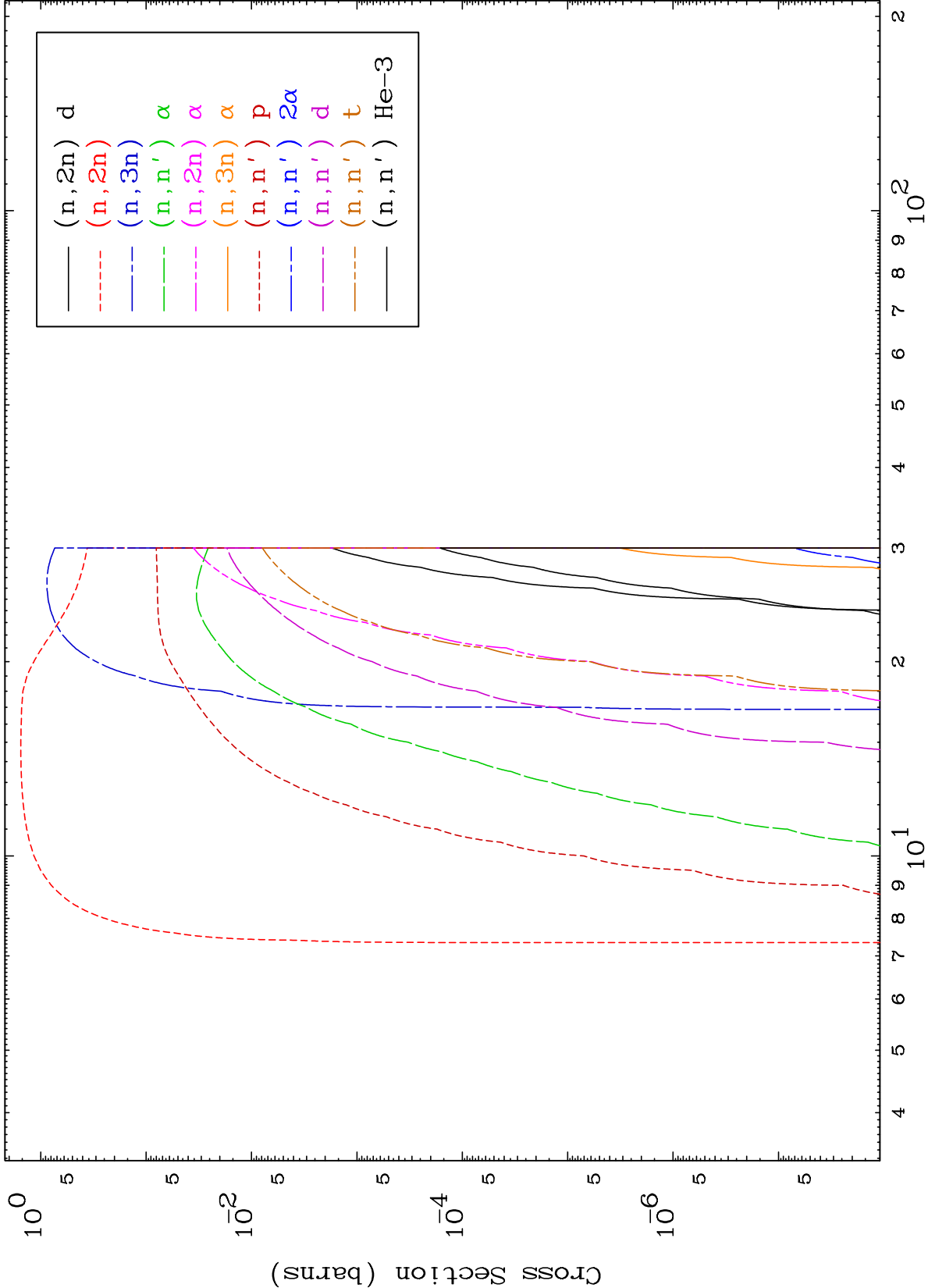
MAT 4928

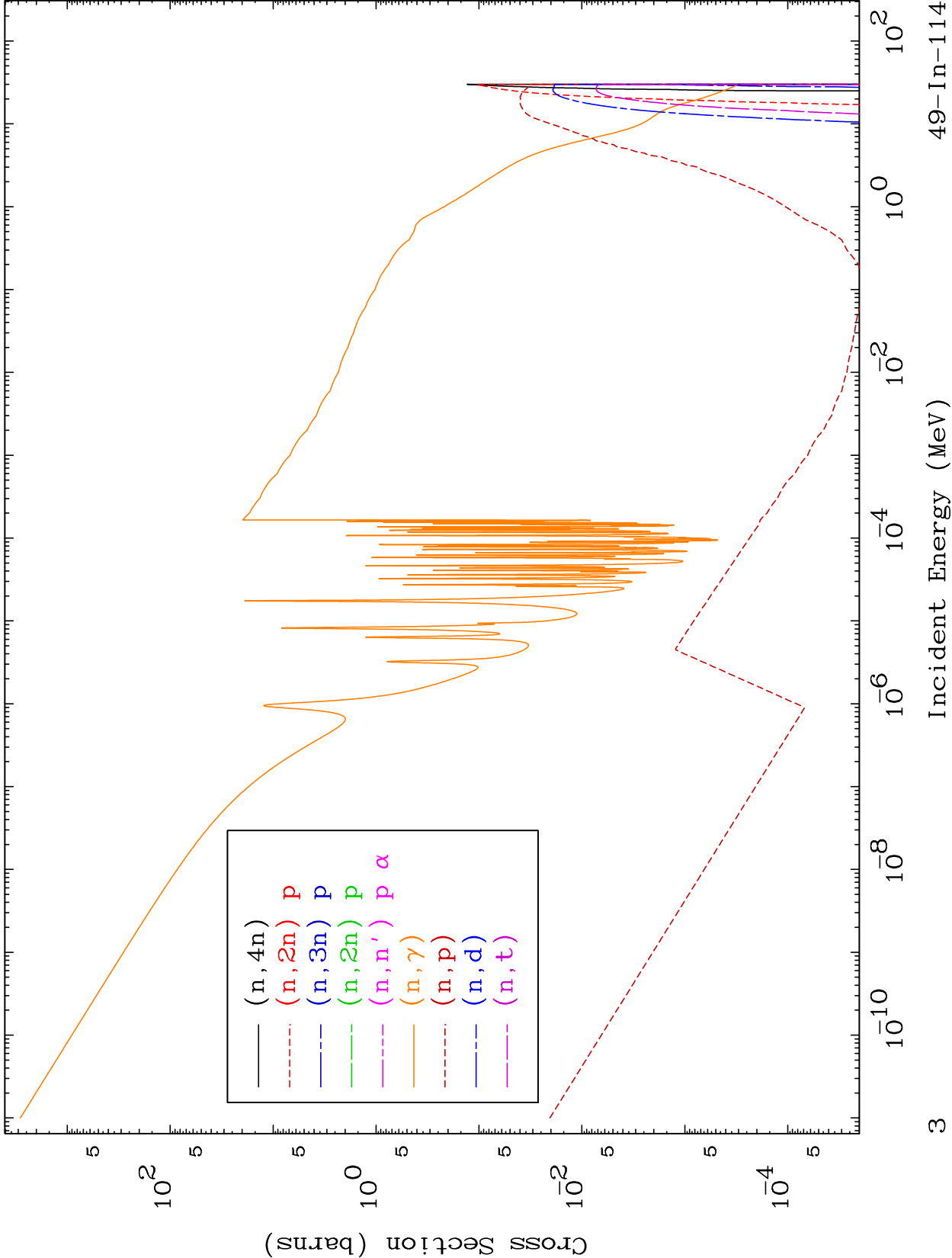
Neutron Major

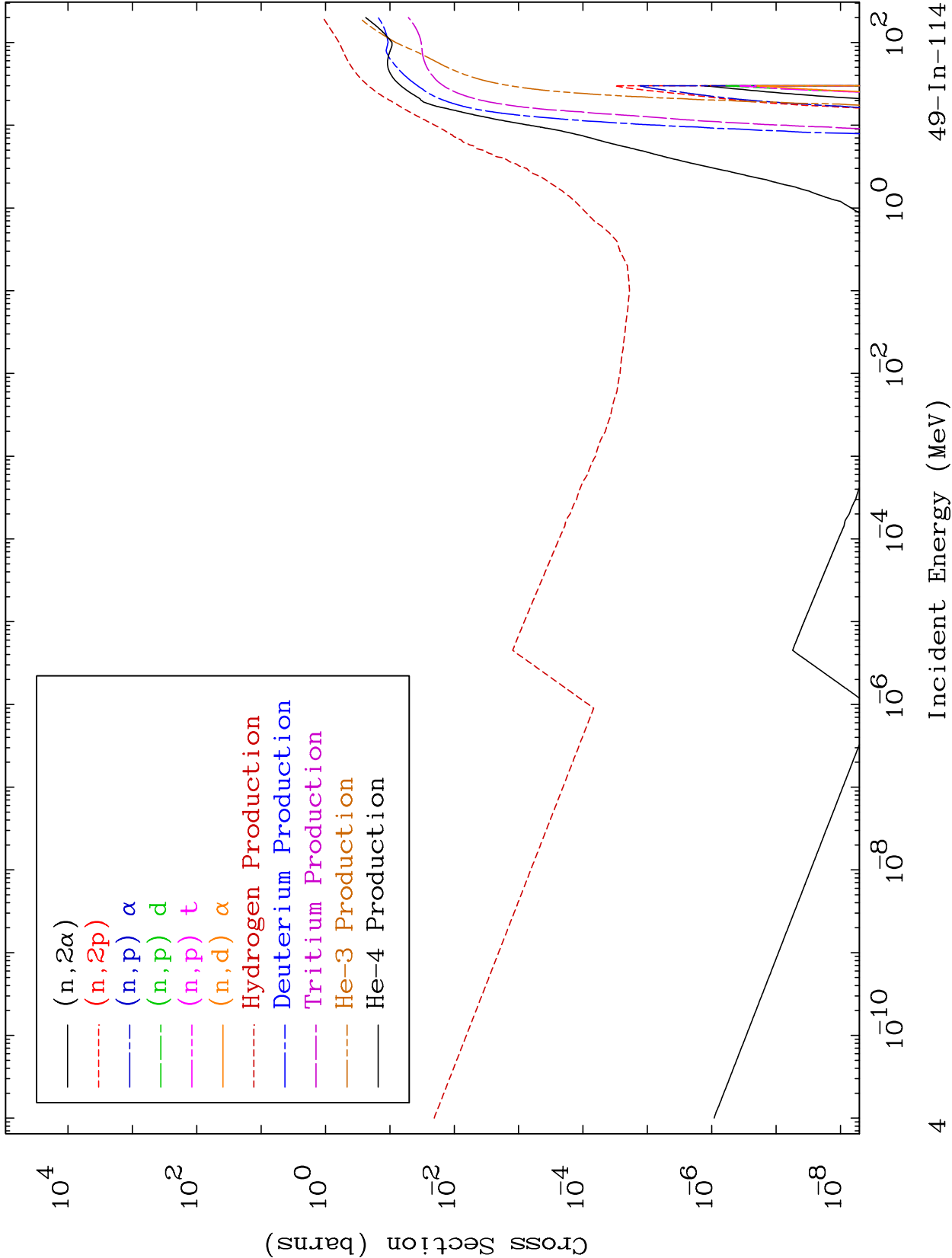
293 Kelvin Cross Sections

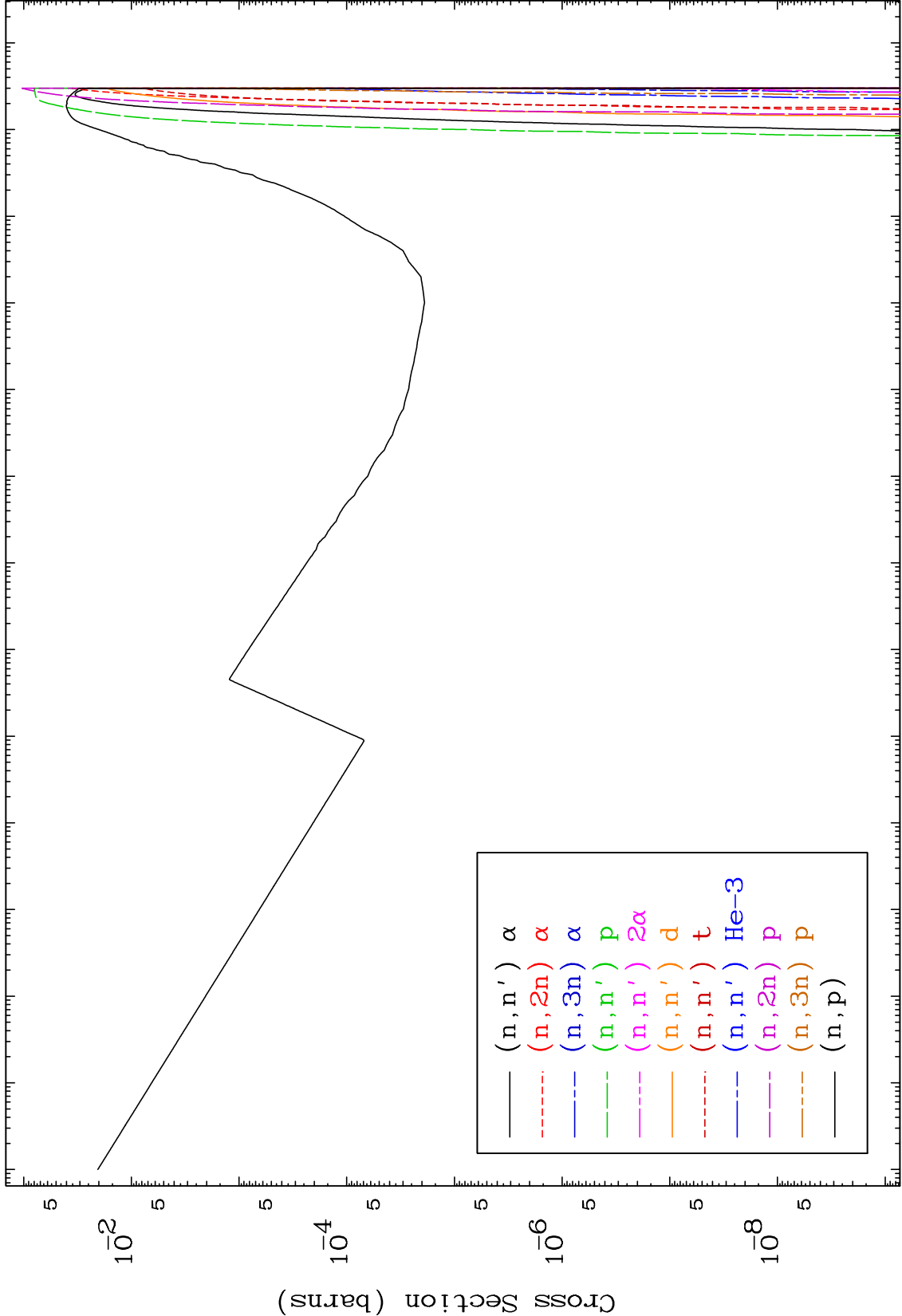
49-In-114

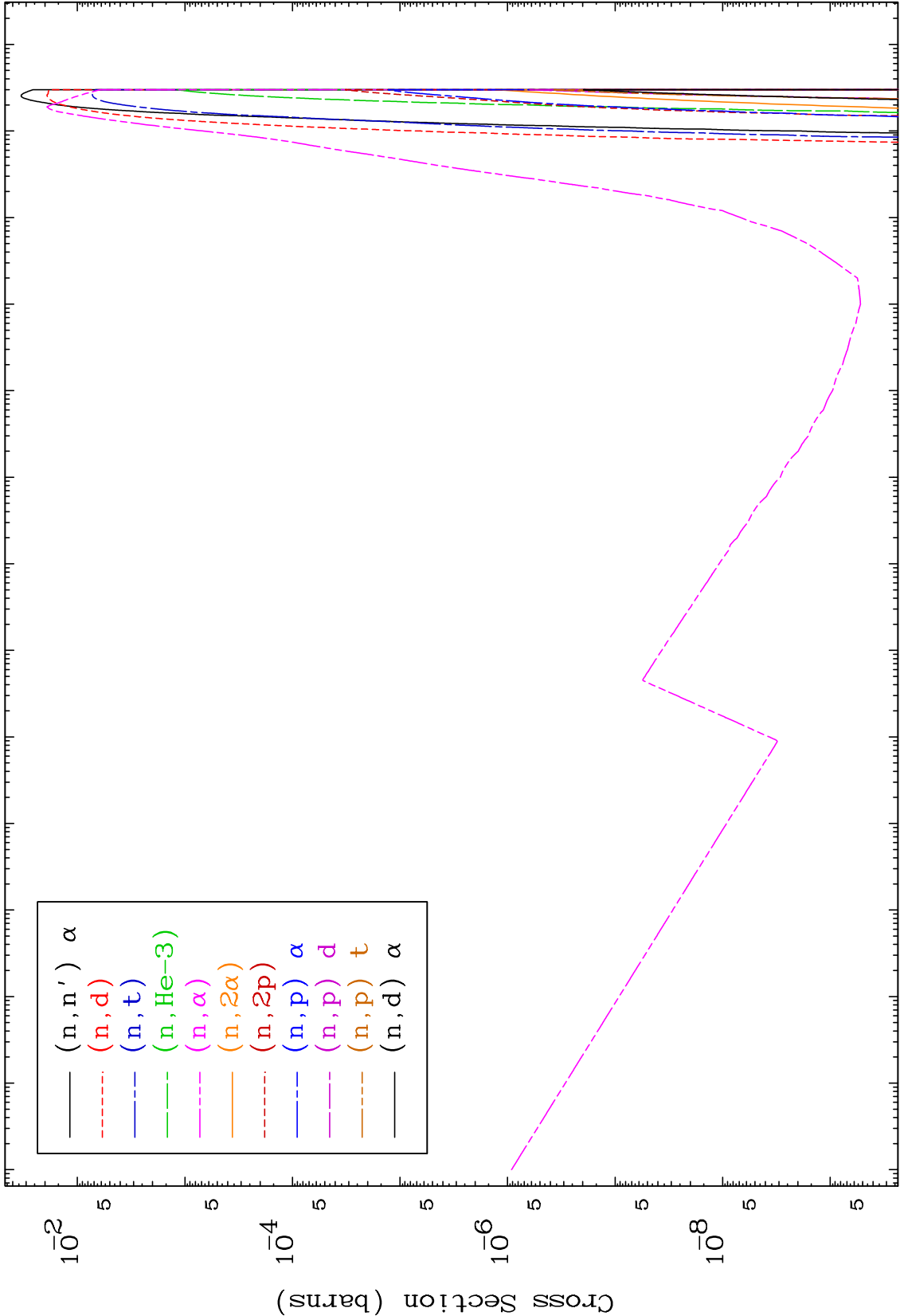


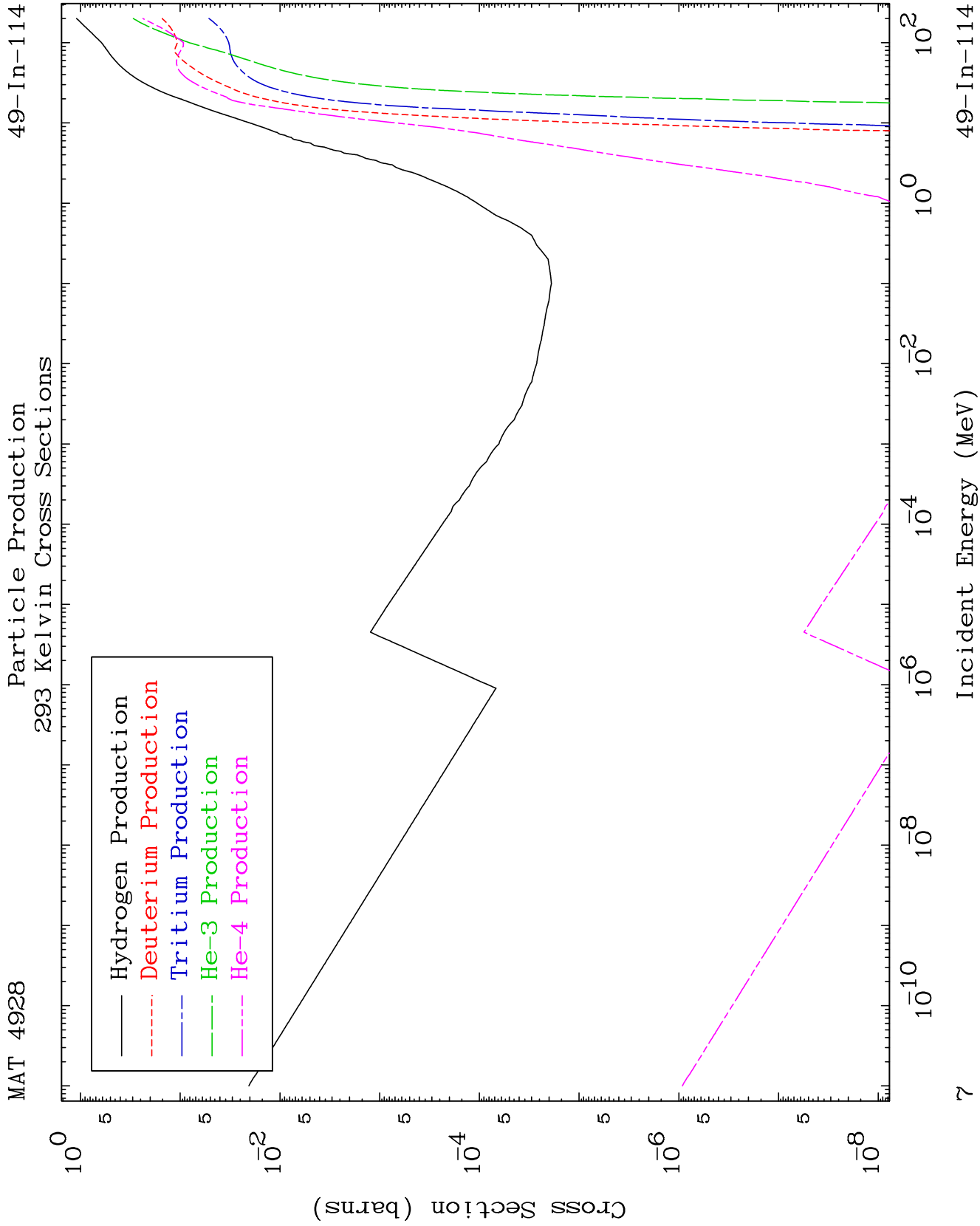










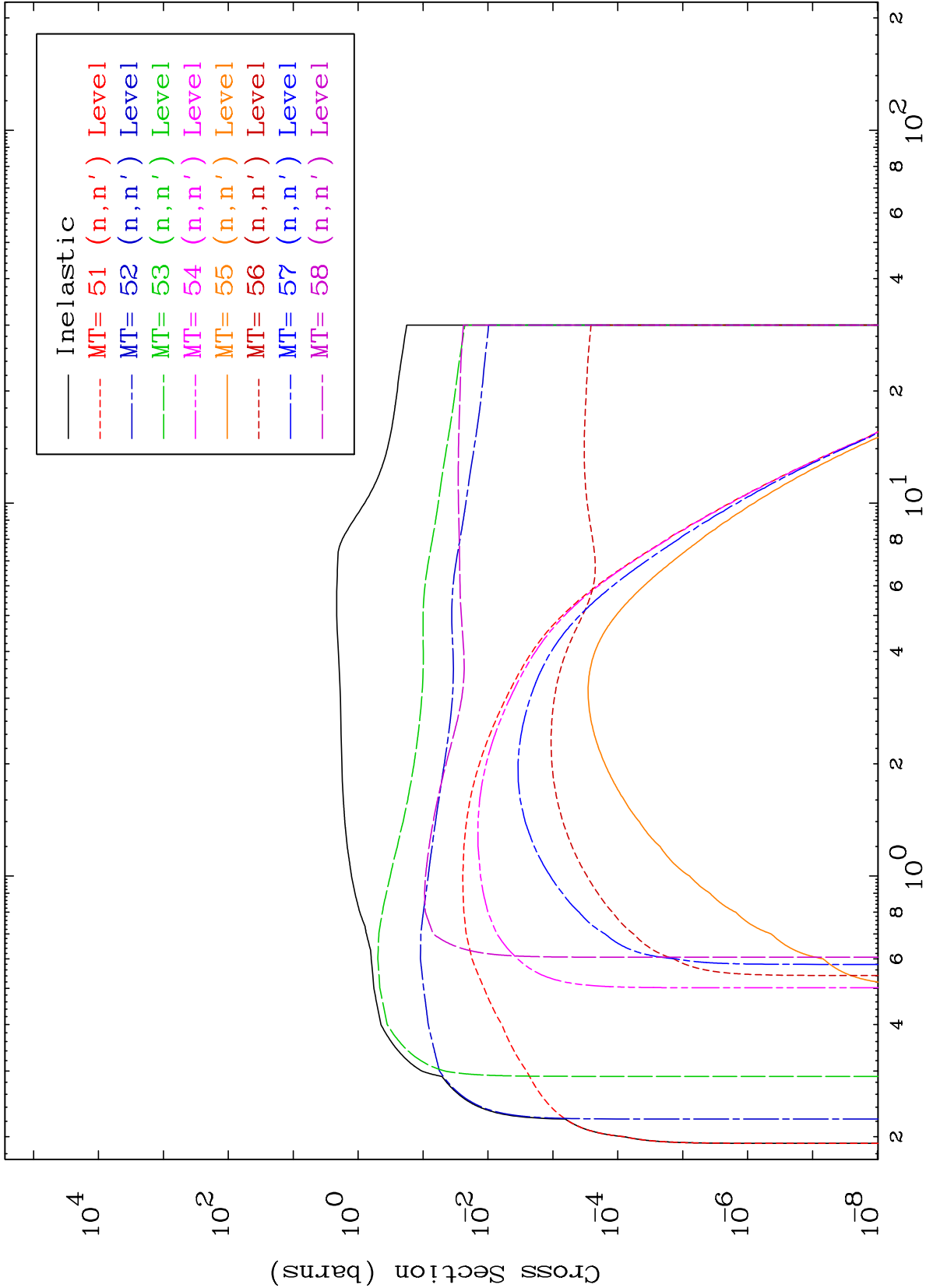


MAT 4928

(n,n') Levels

49-In-114

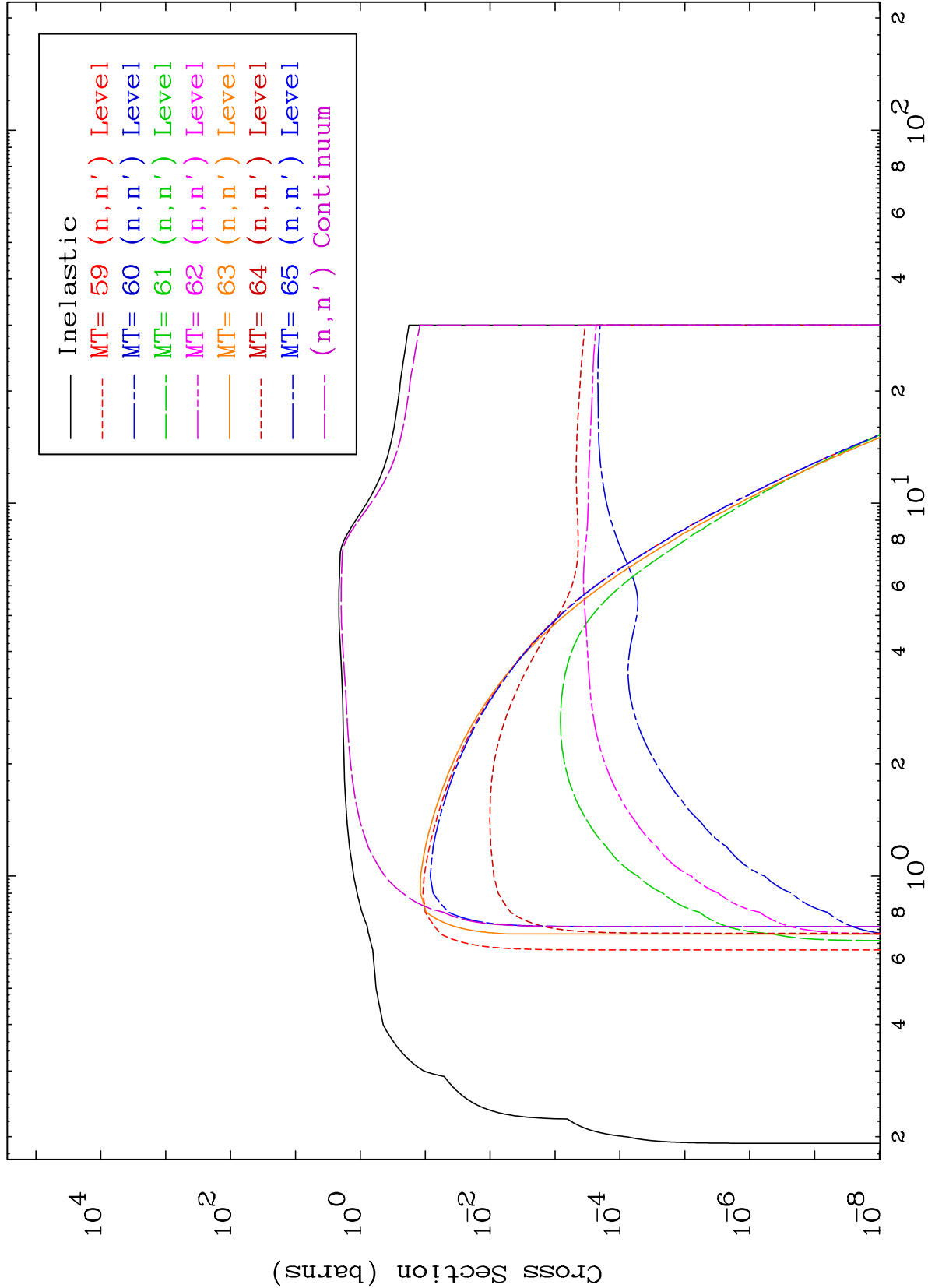
293 Kelvin Cross Sections

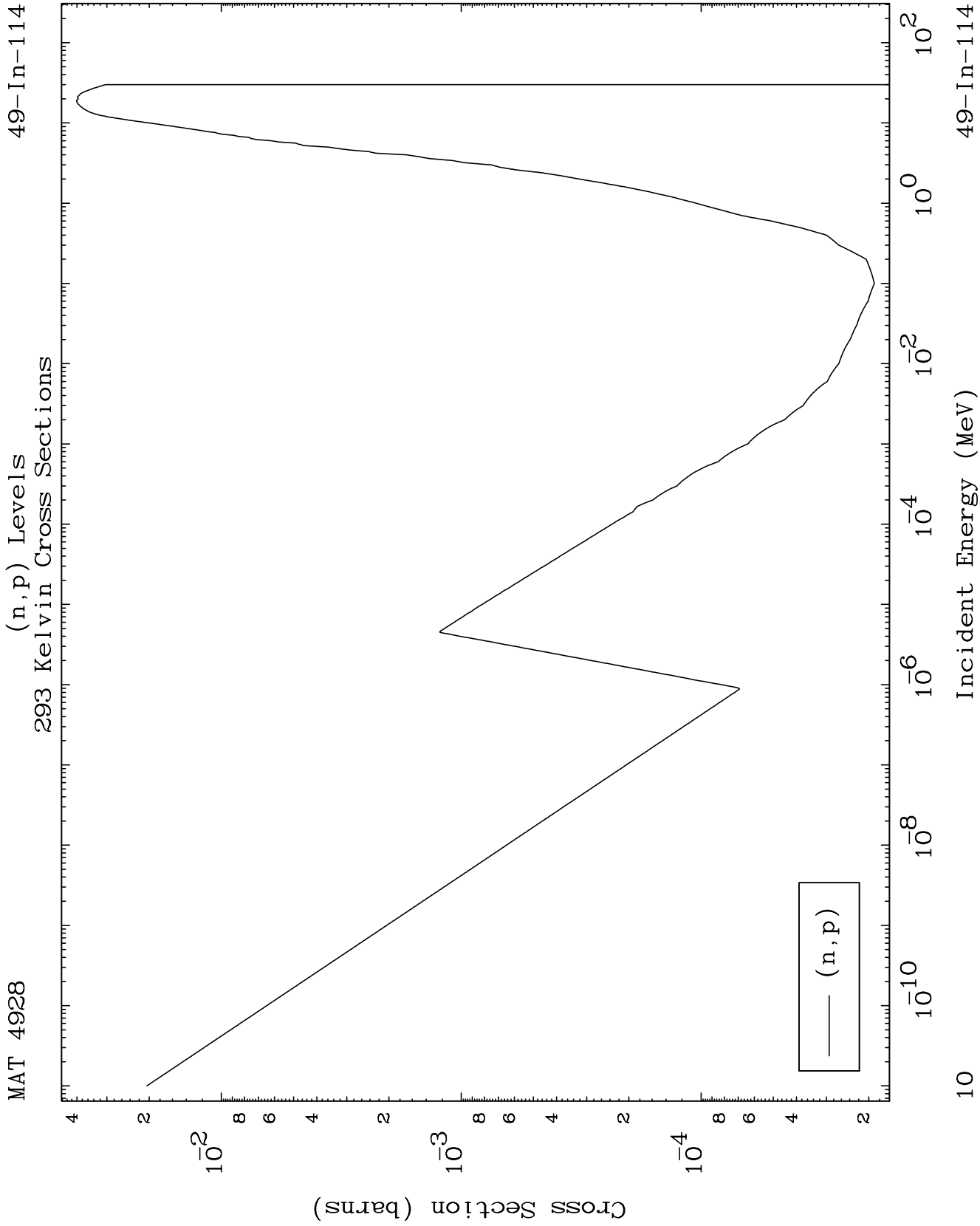


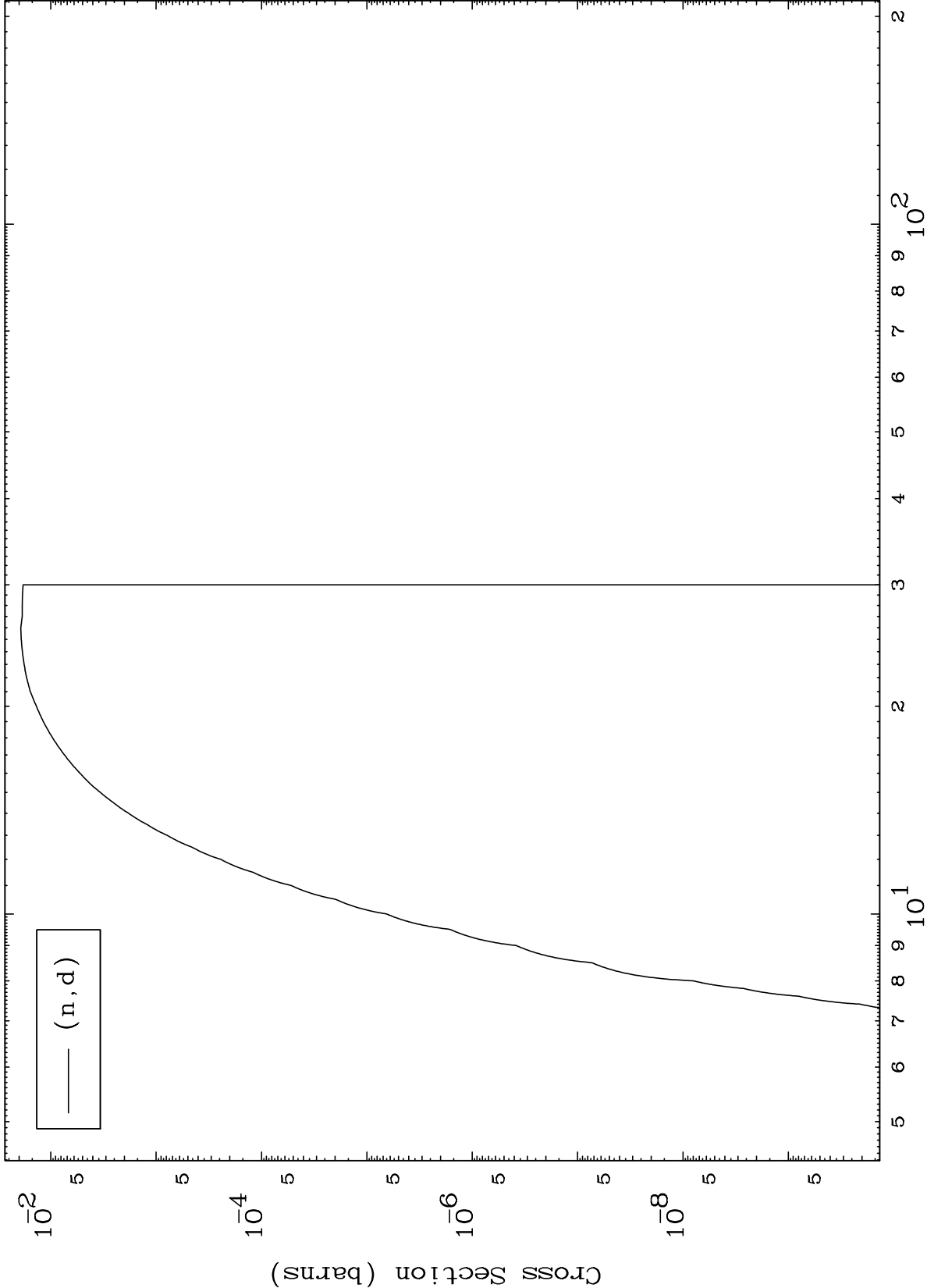
8

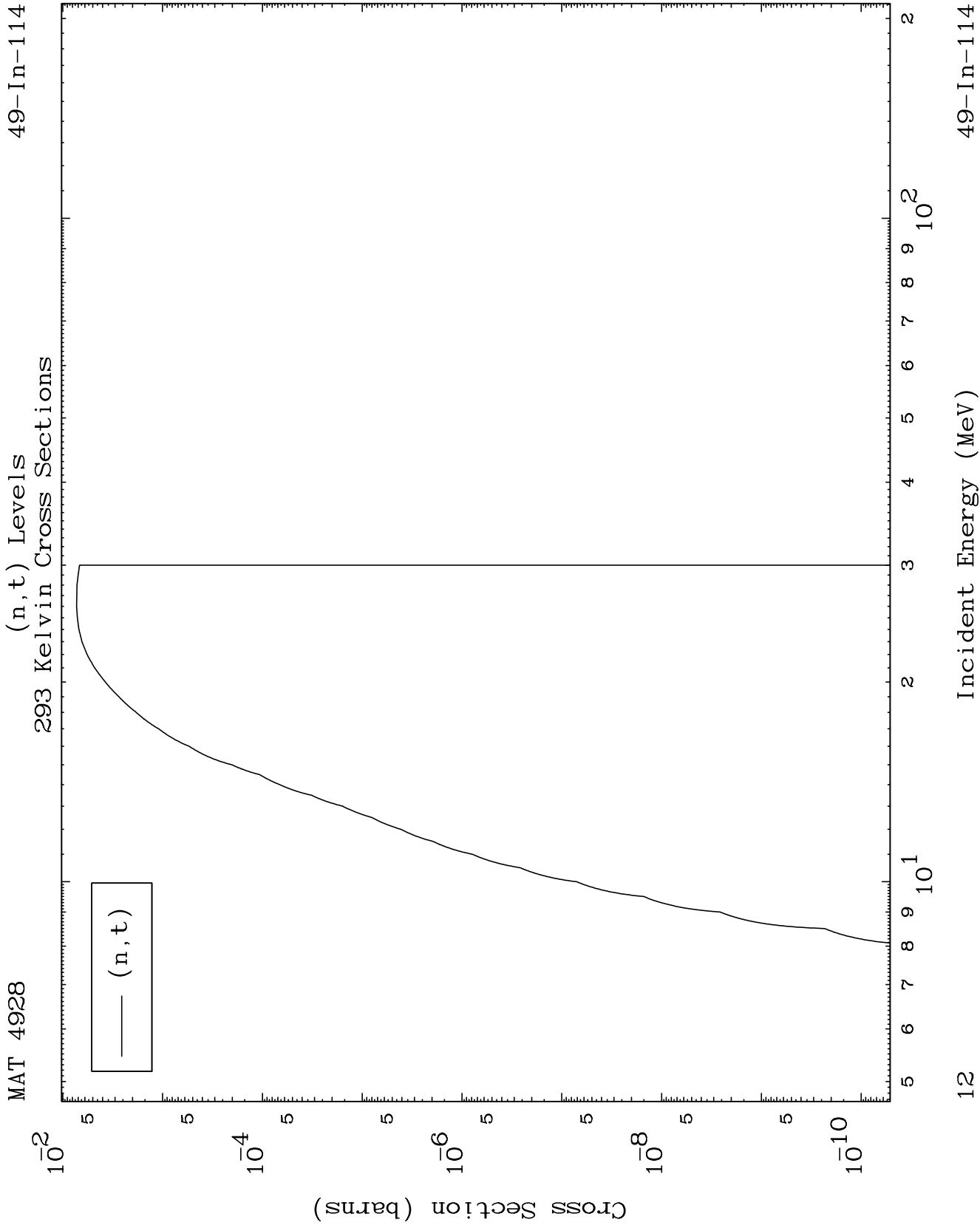
Incident Energy (MeV)

49-In-114





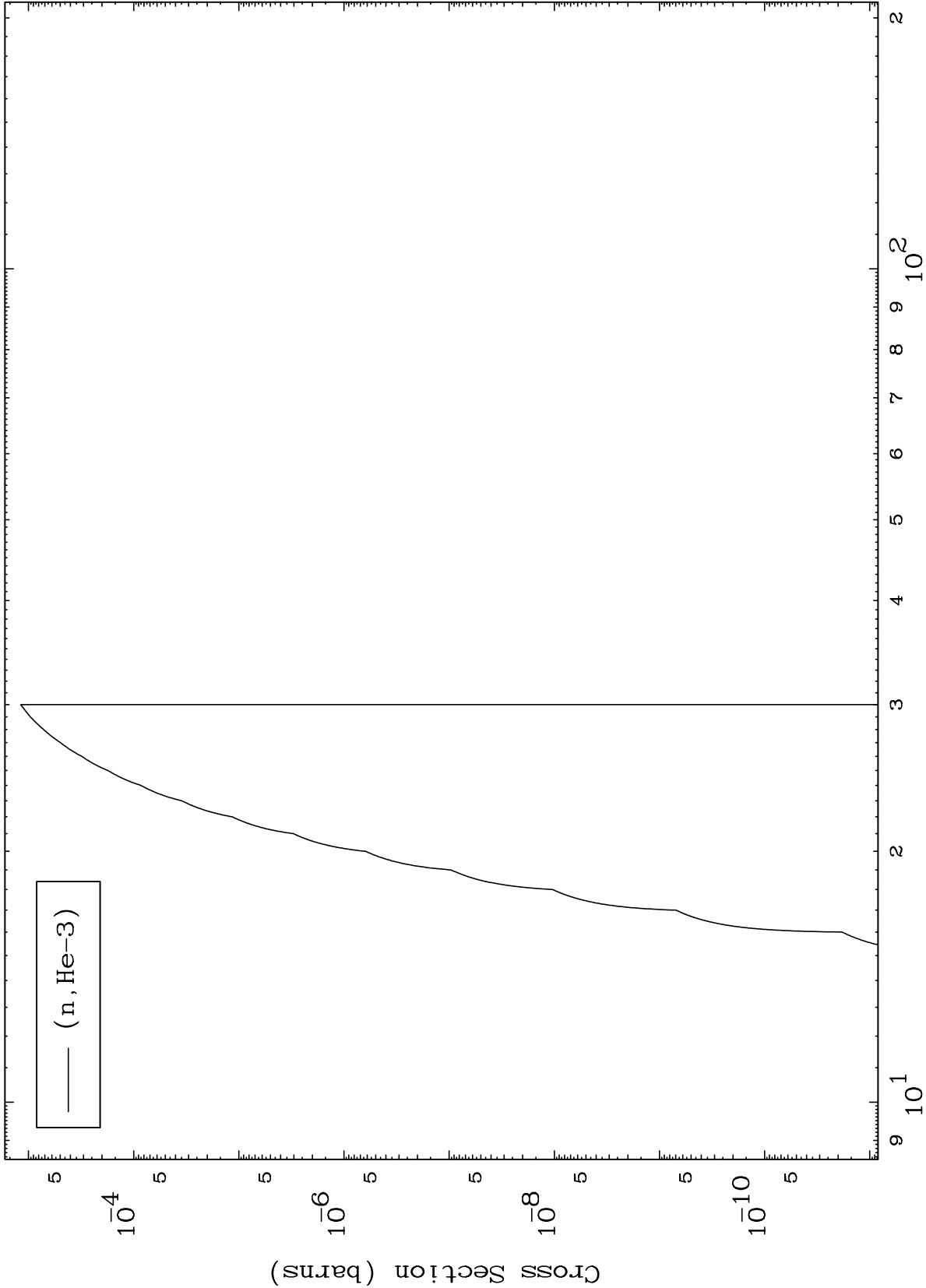




MAT 4928

(n,He3) Levels
293 Kelvin Cross Sections

49-In-114



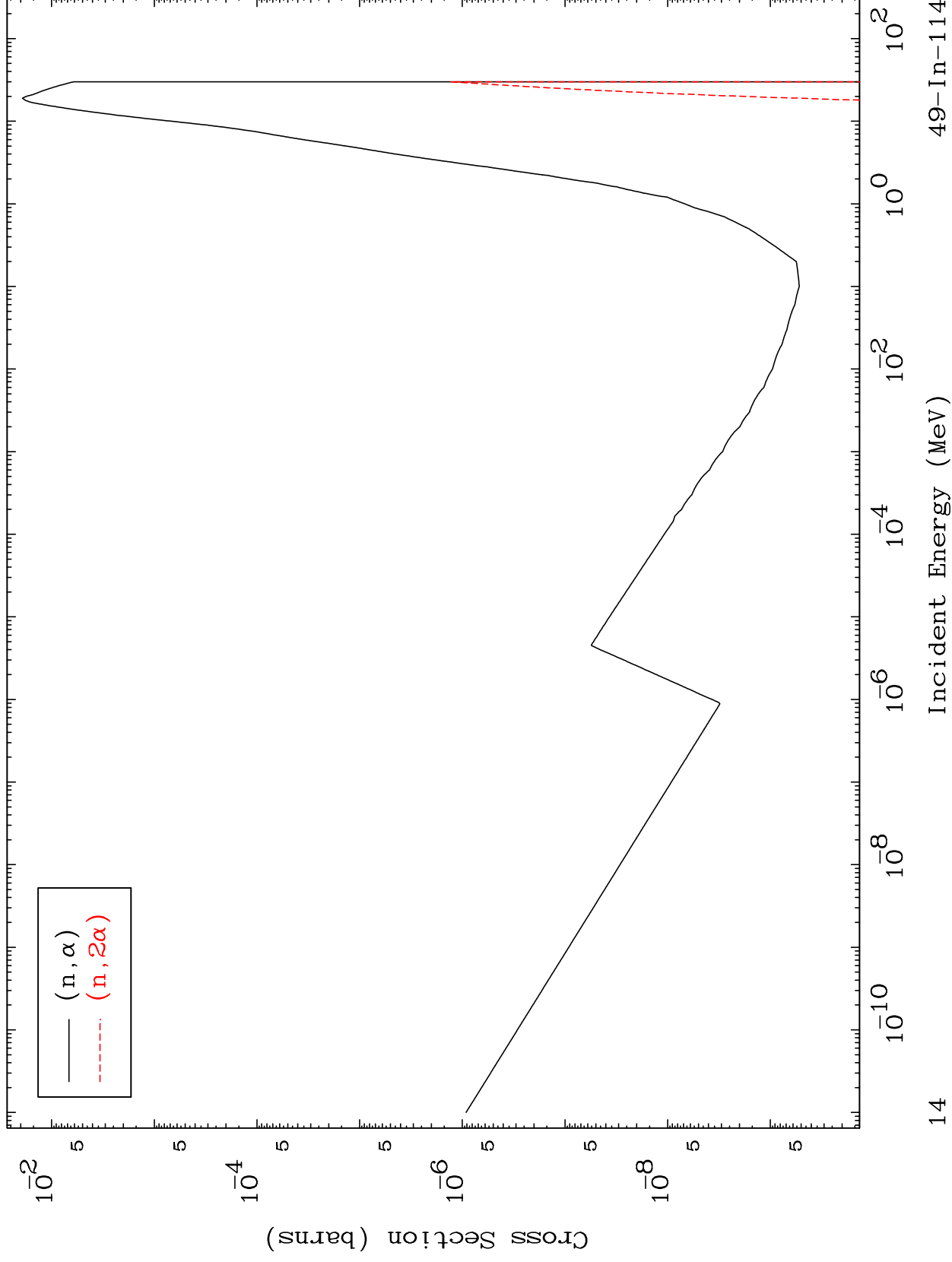
Incident Energy (MeV)

49-In-114

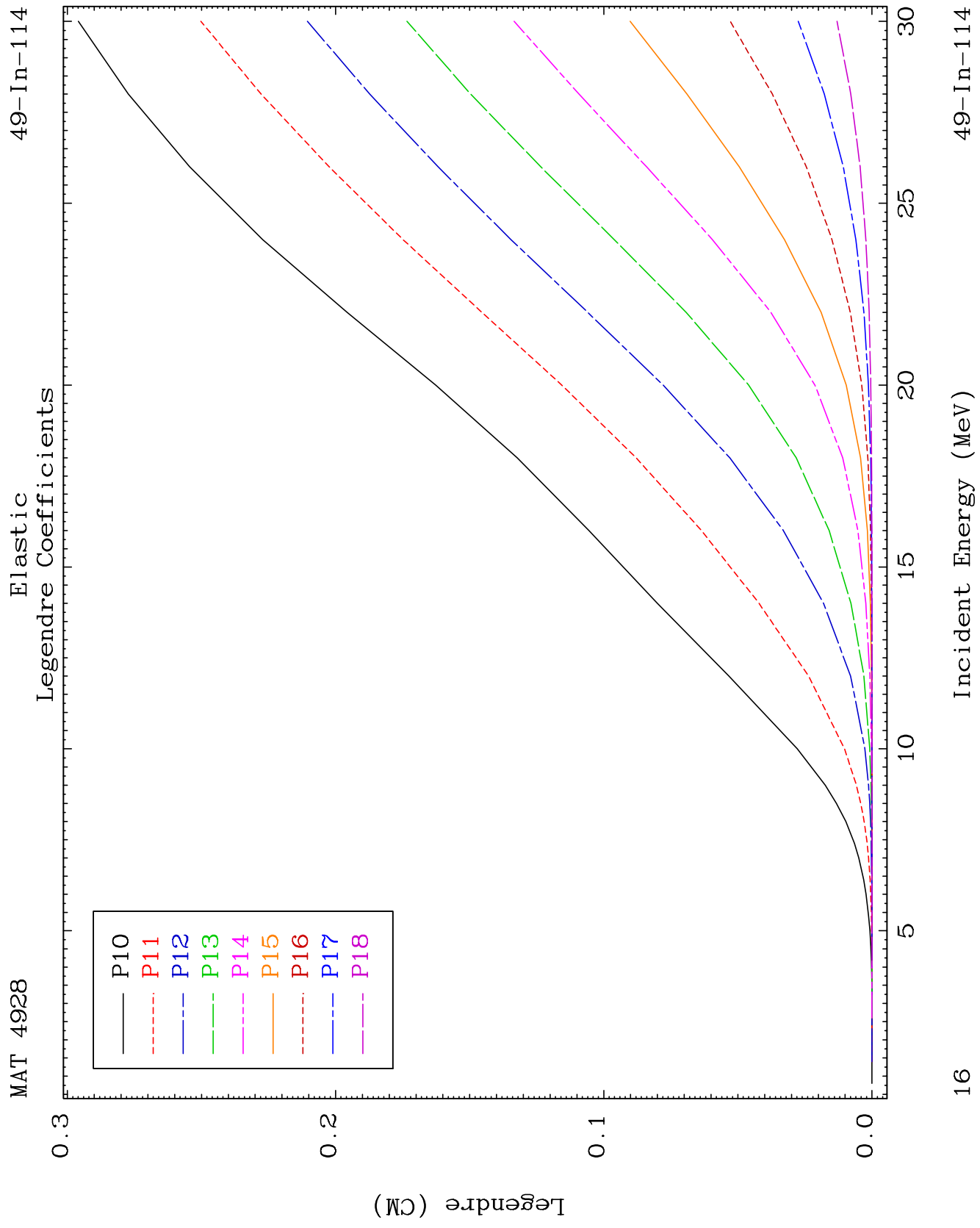
MAT 4928

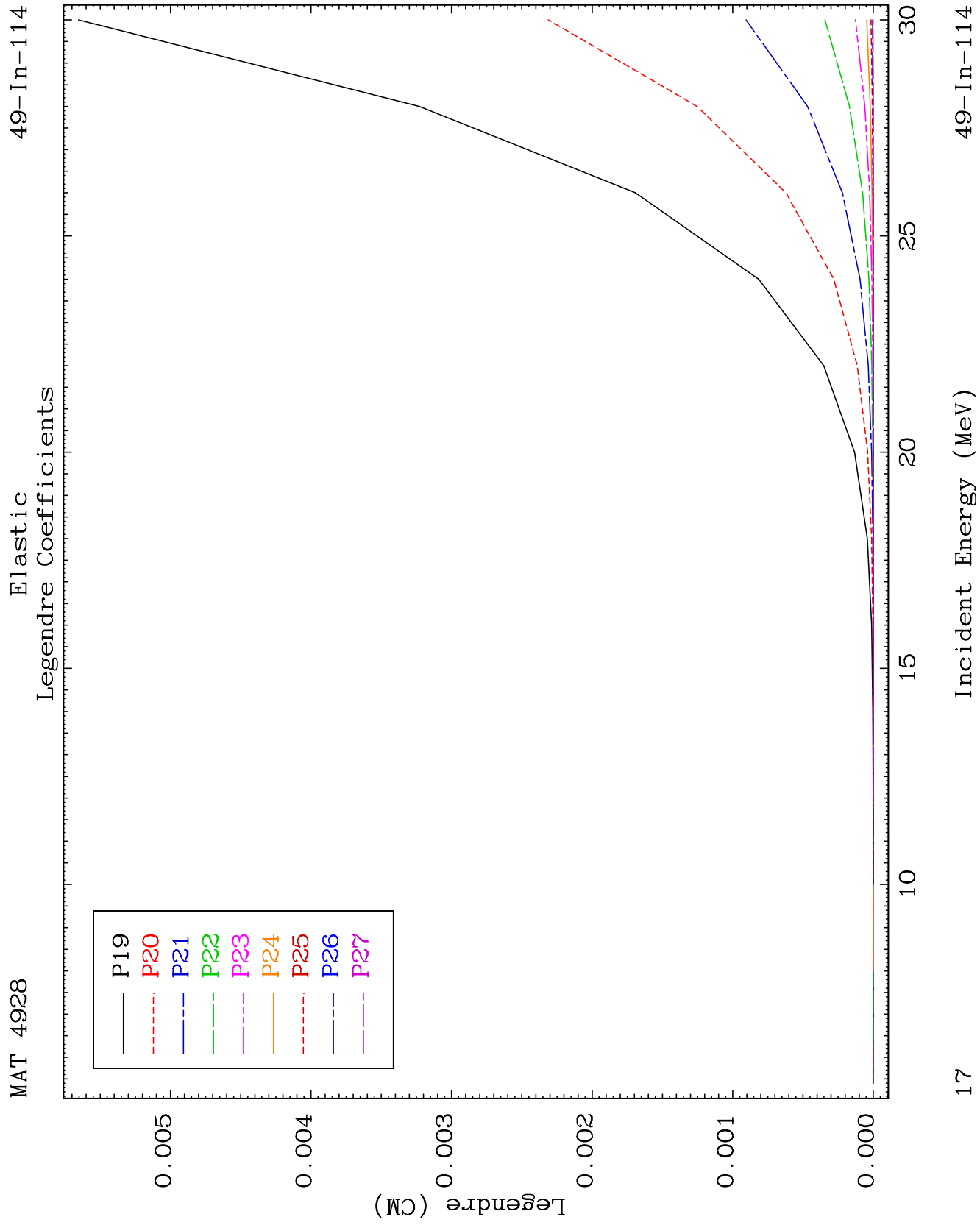
(n, α) Levels
293 Kelvin Cross Sections

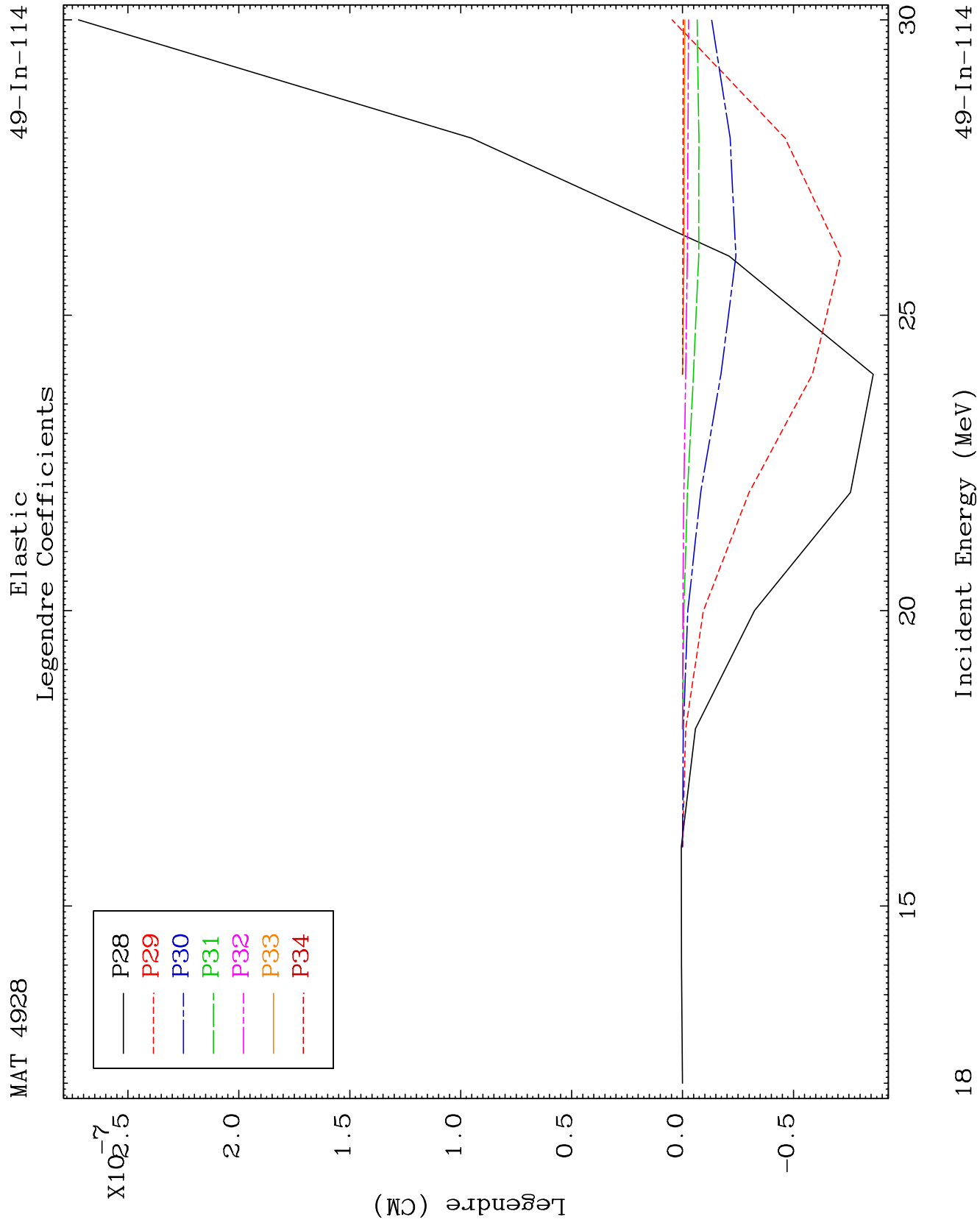
49-In-114

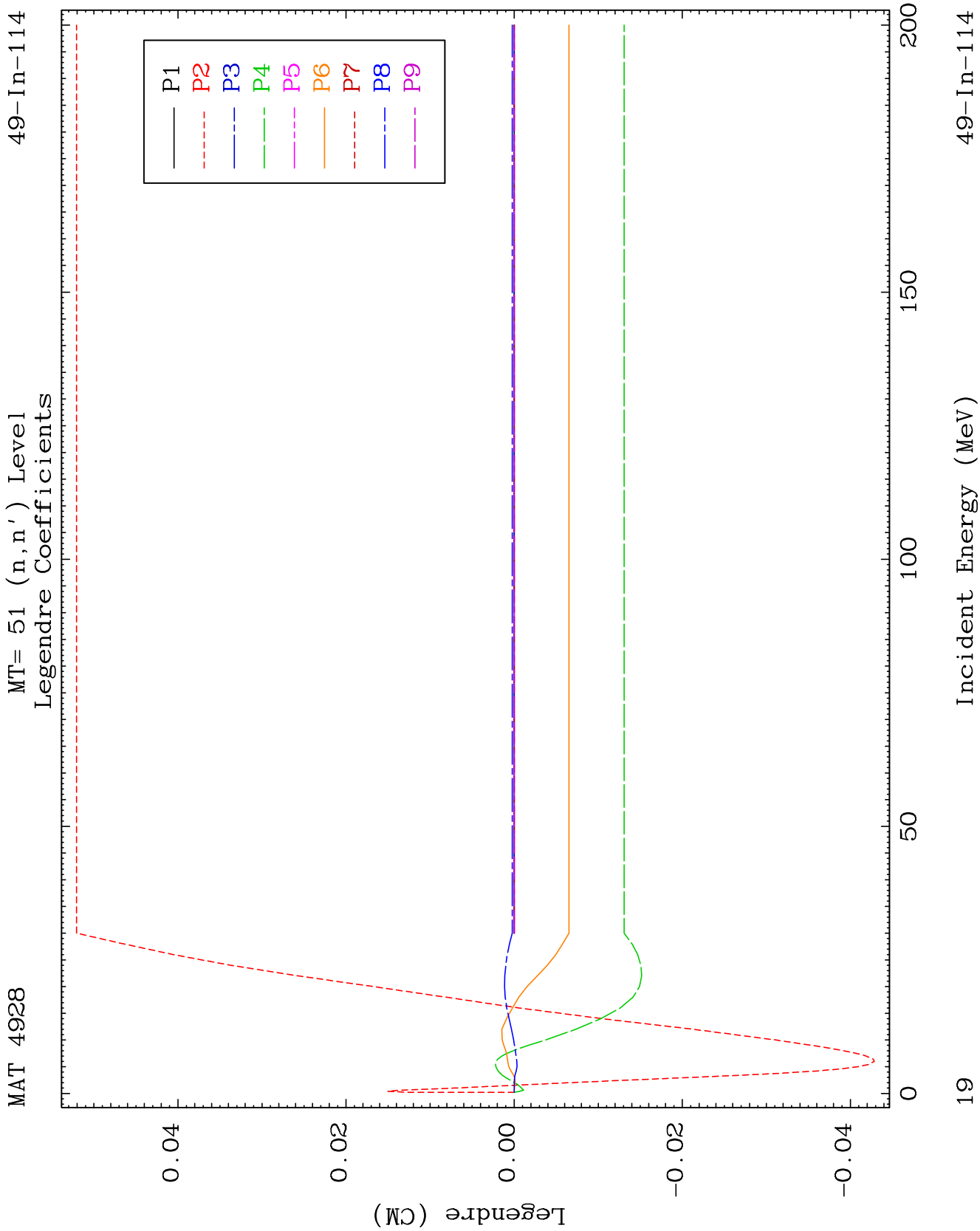


14





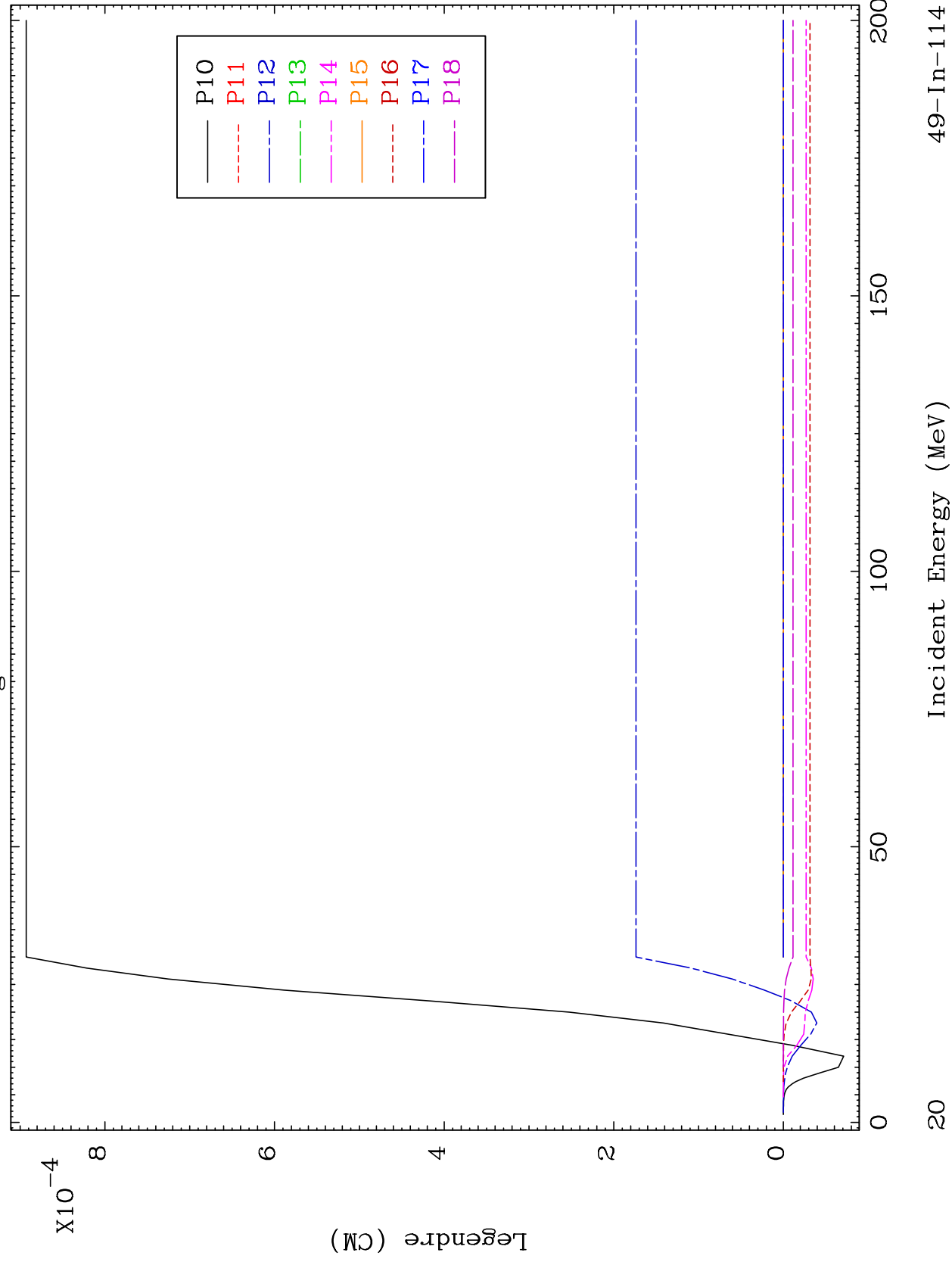


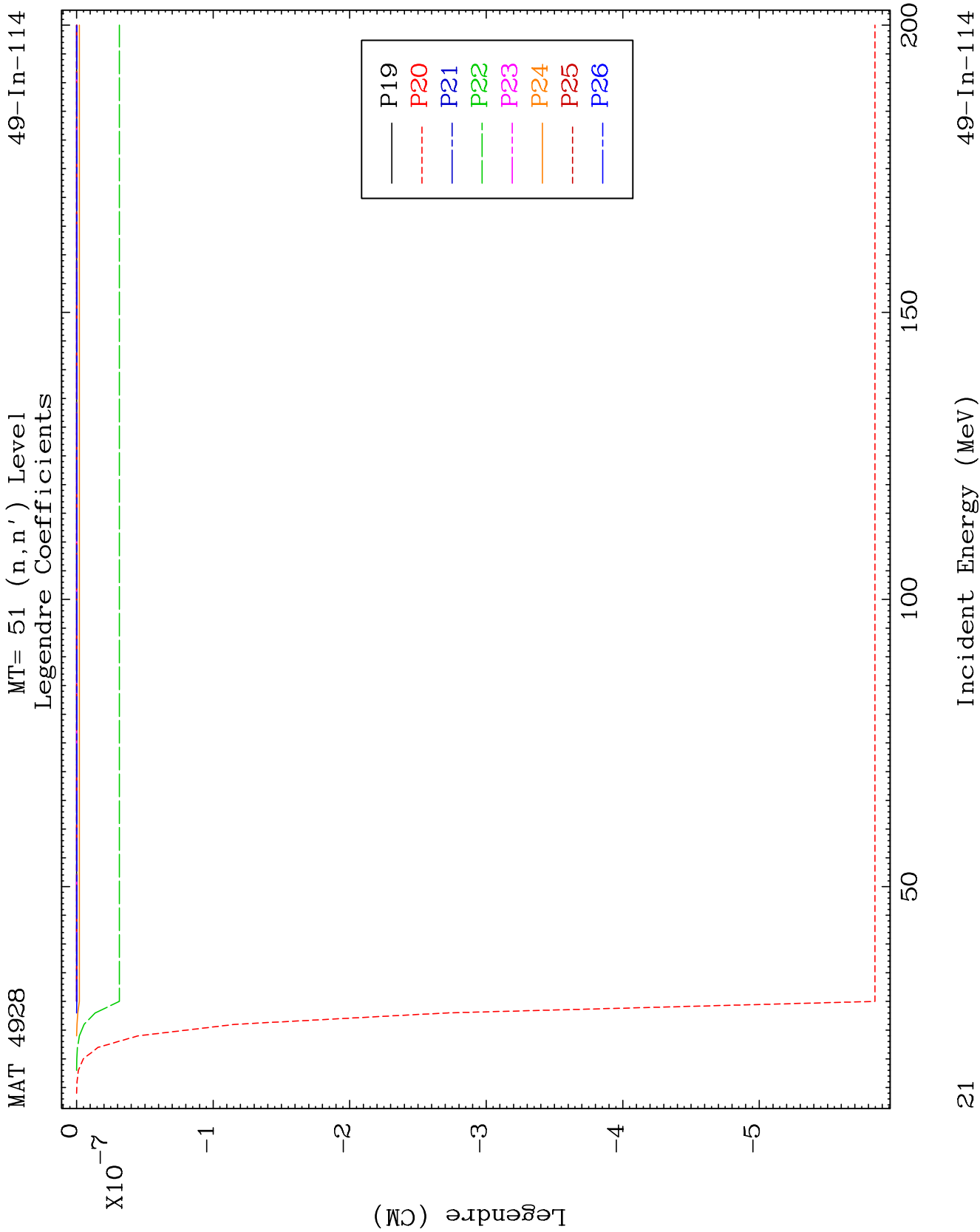


MAT 4928

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

49-In-114

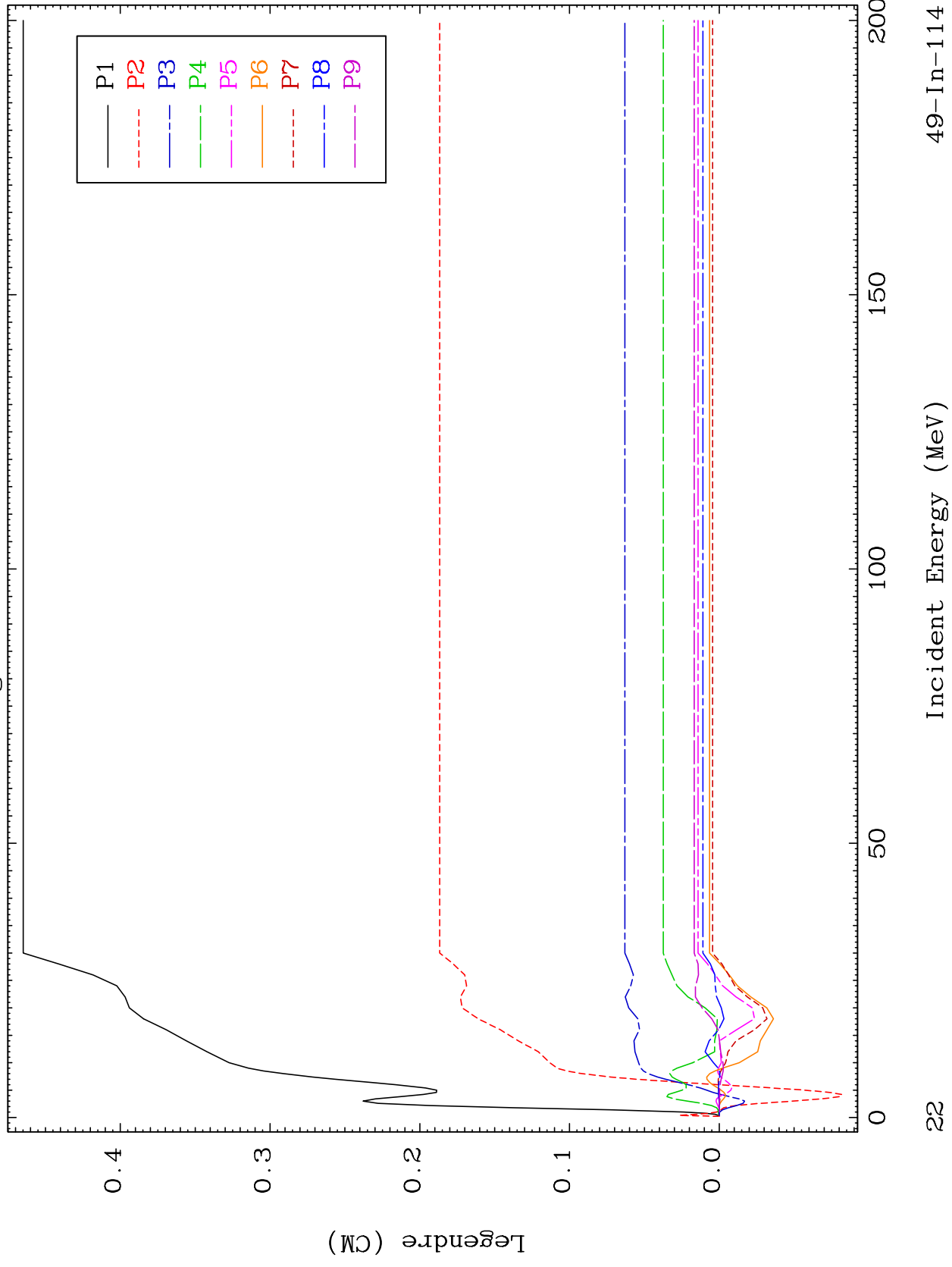


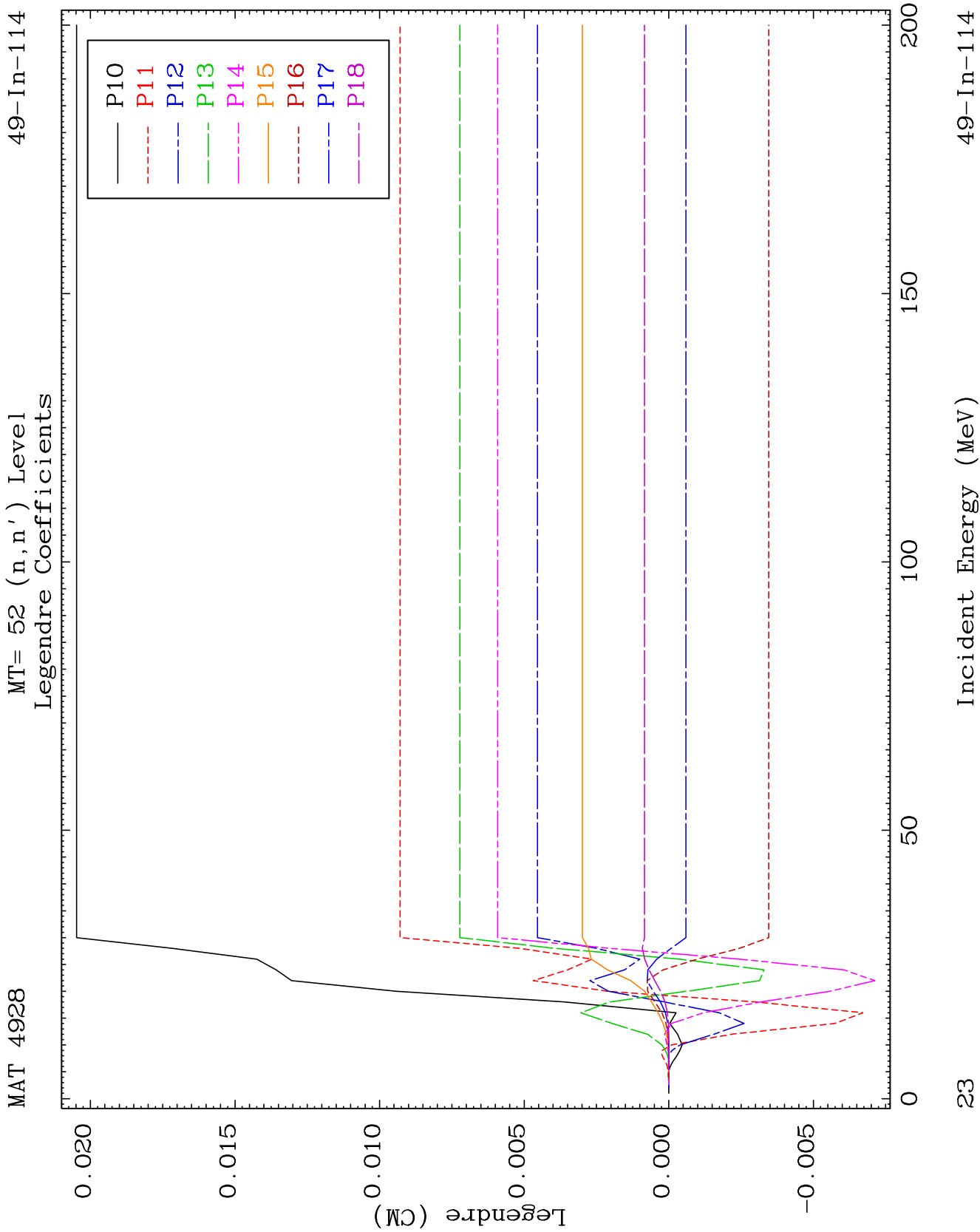


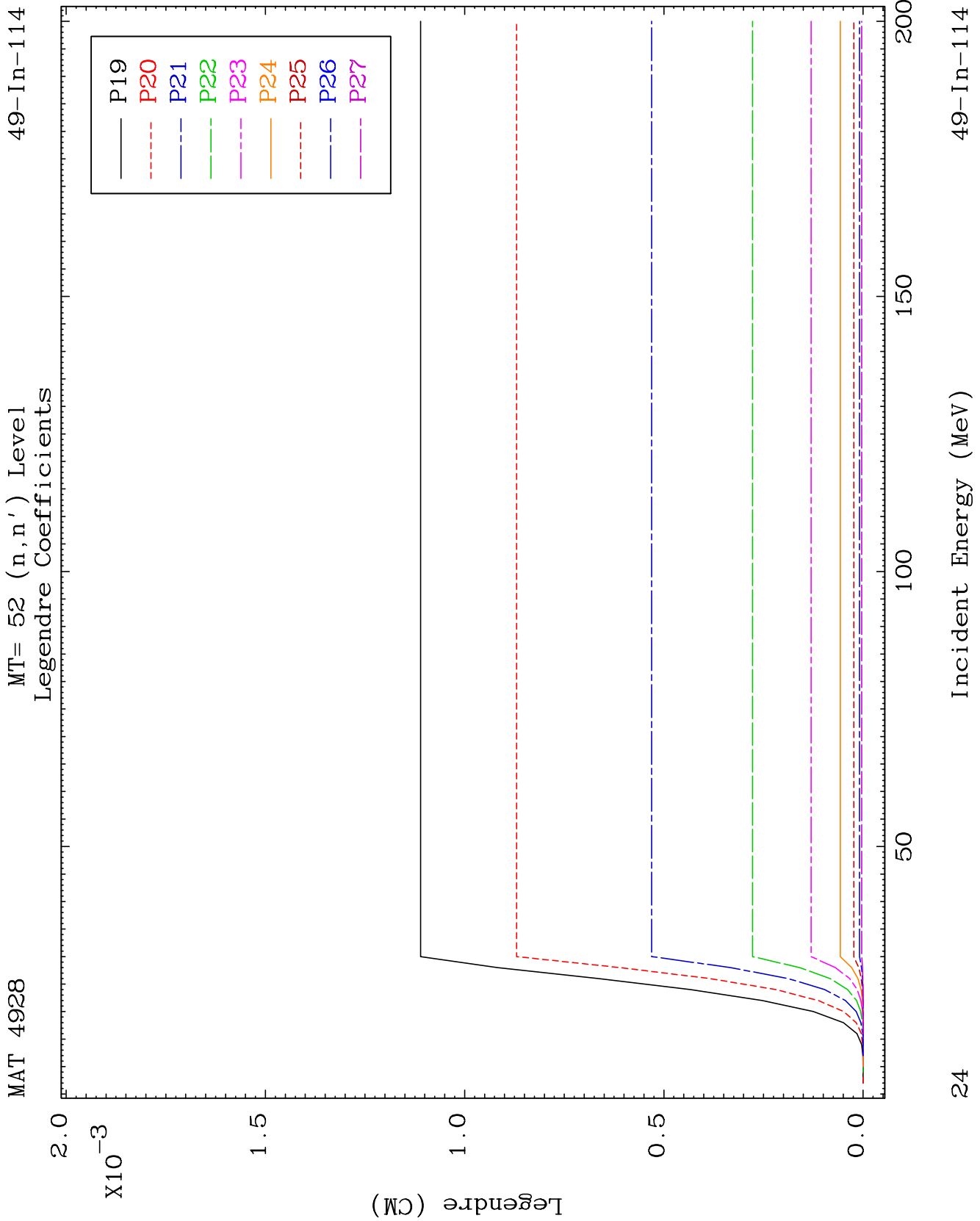
MAT 4928

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

49-In-114



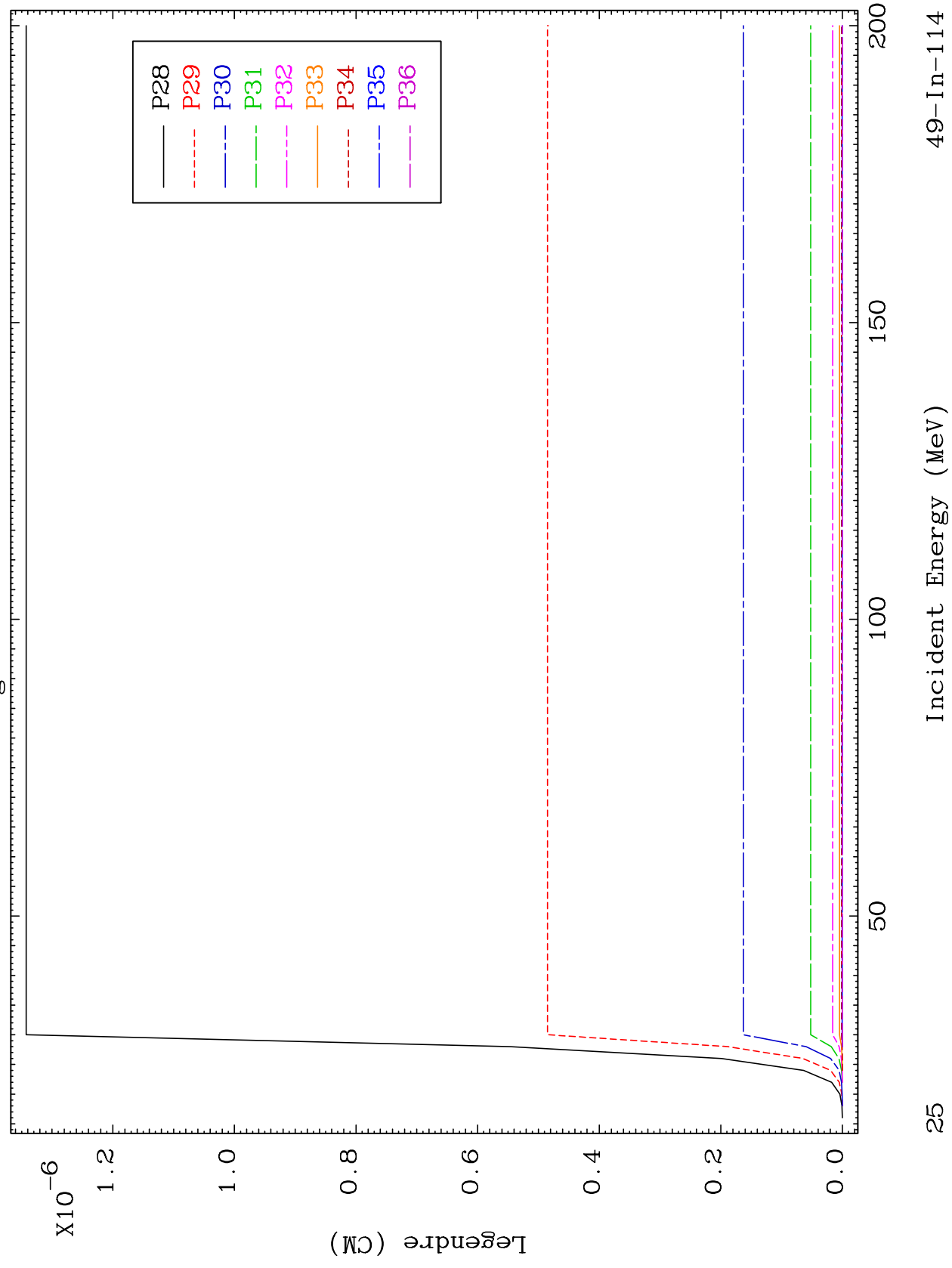




MAT 4928

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

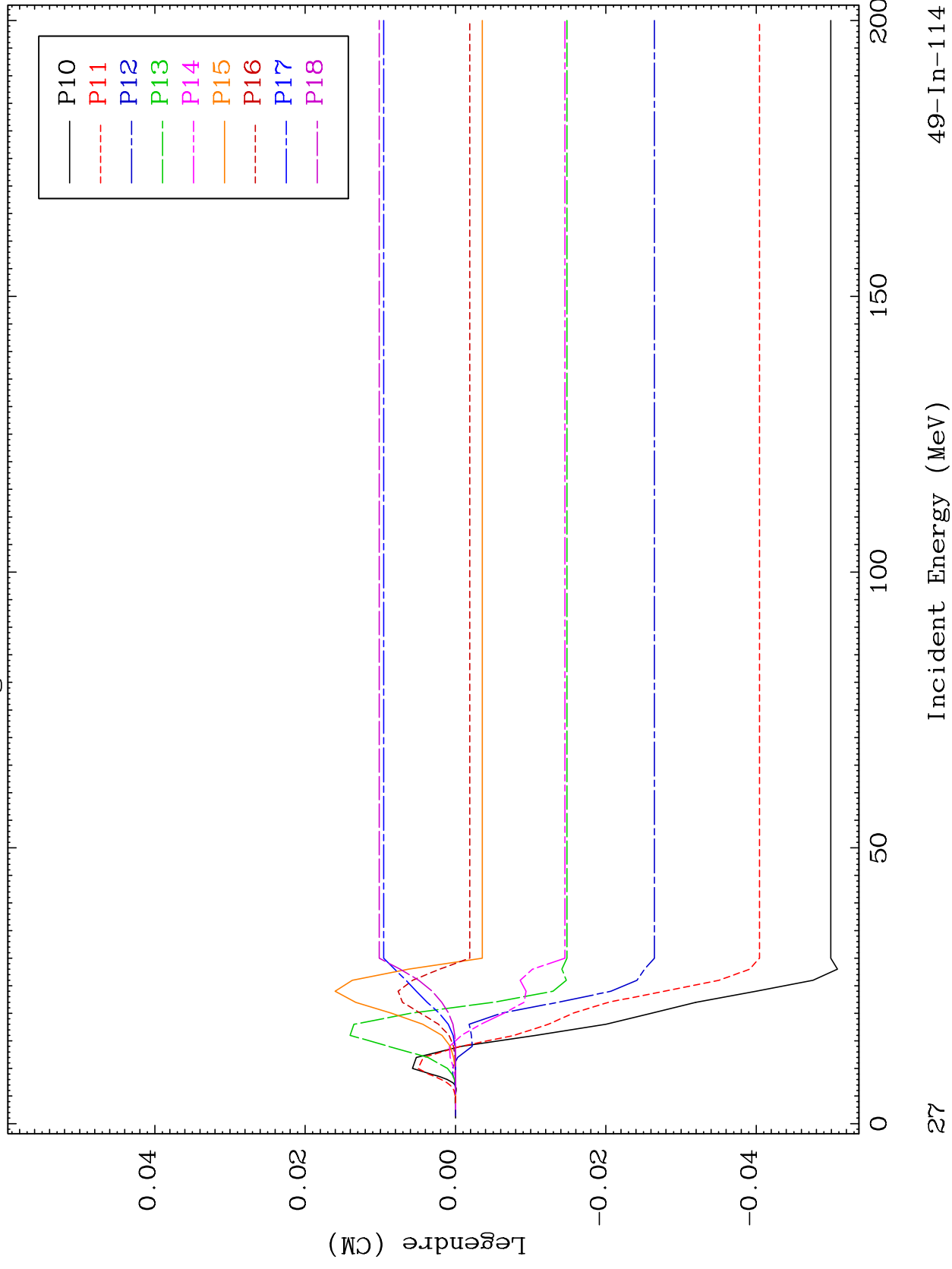
49-In-114

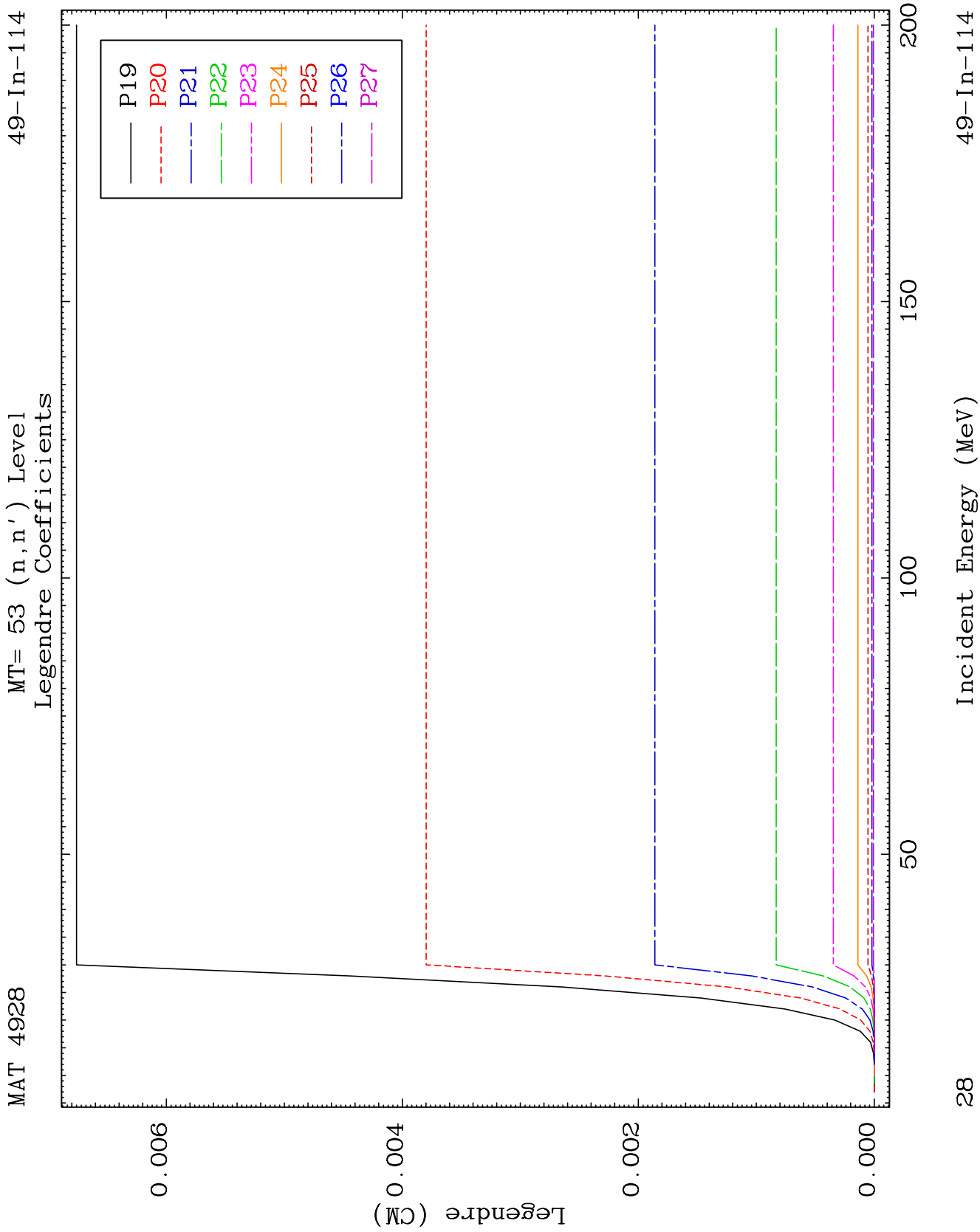


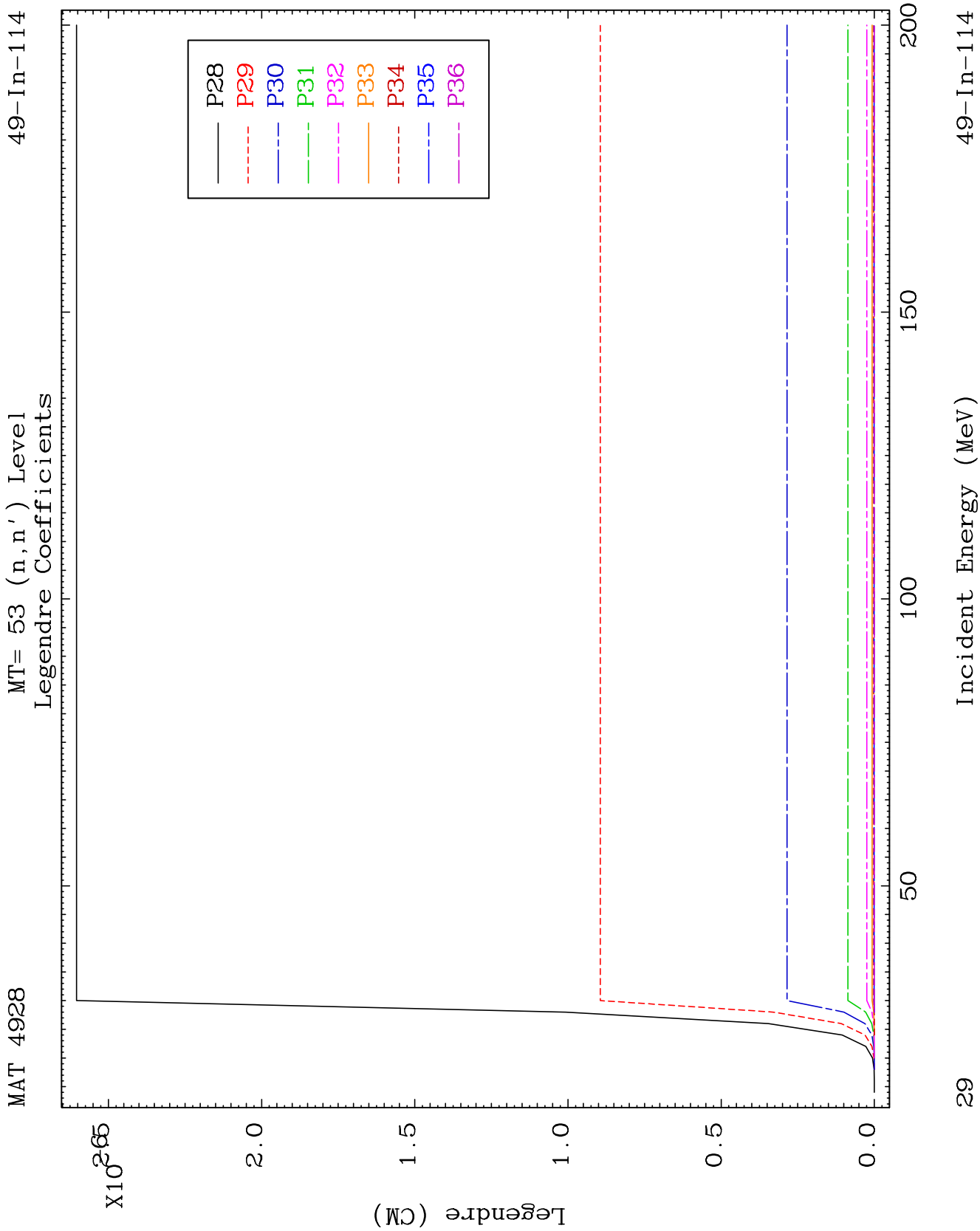
MAT 4928

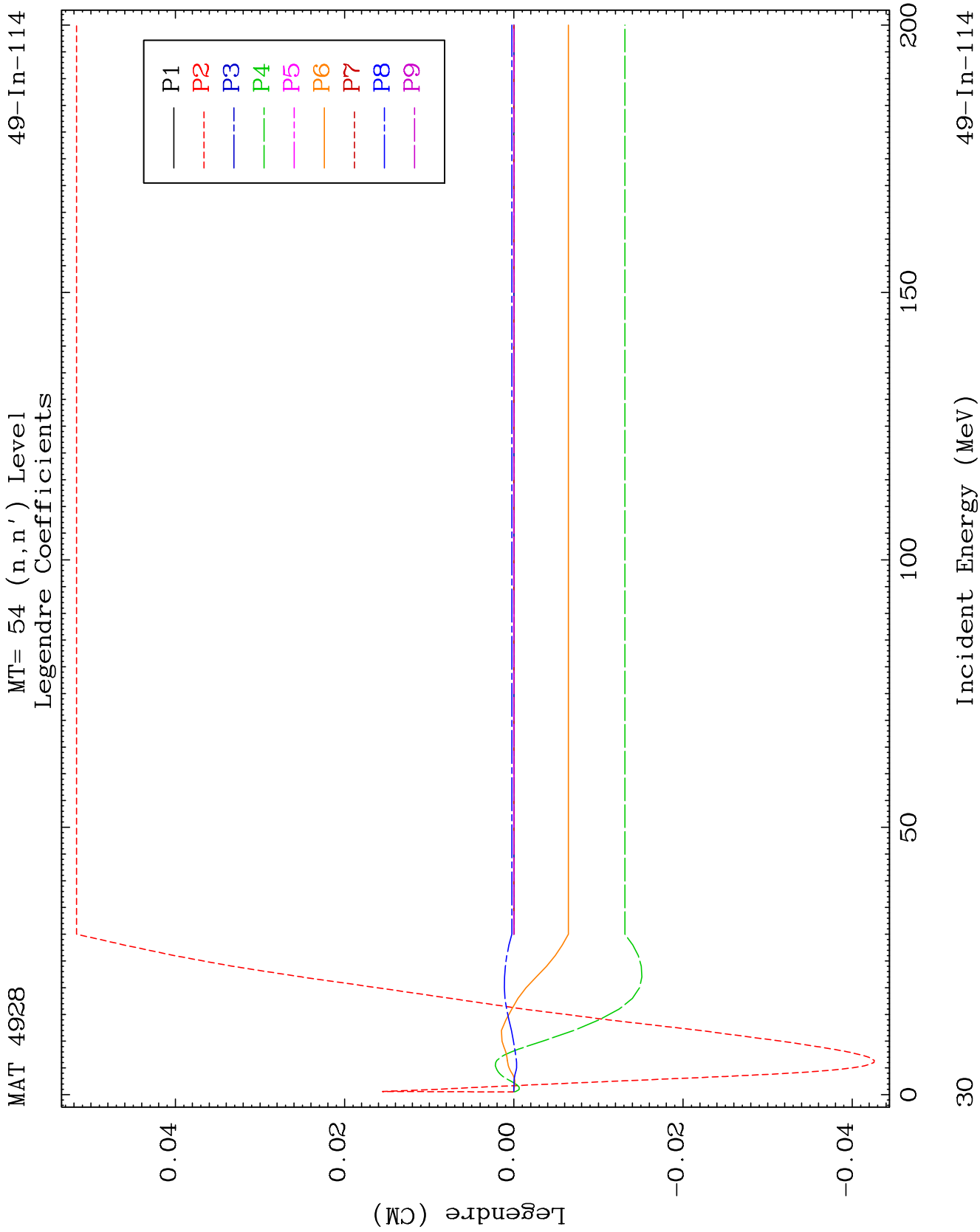
MT= 53 (n, n') Level
Legendre Coefficients

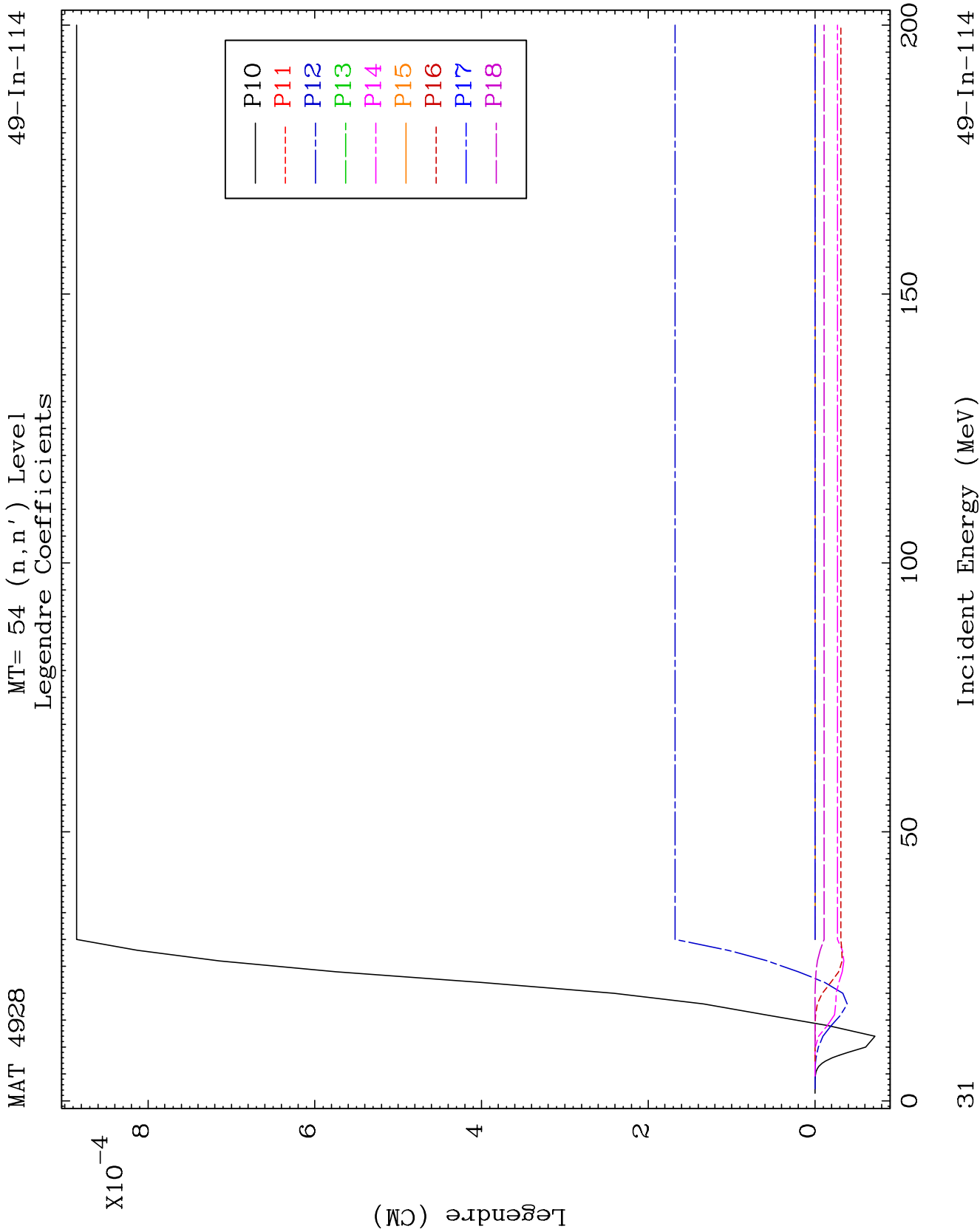
49-In-114

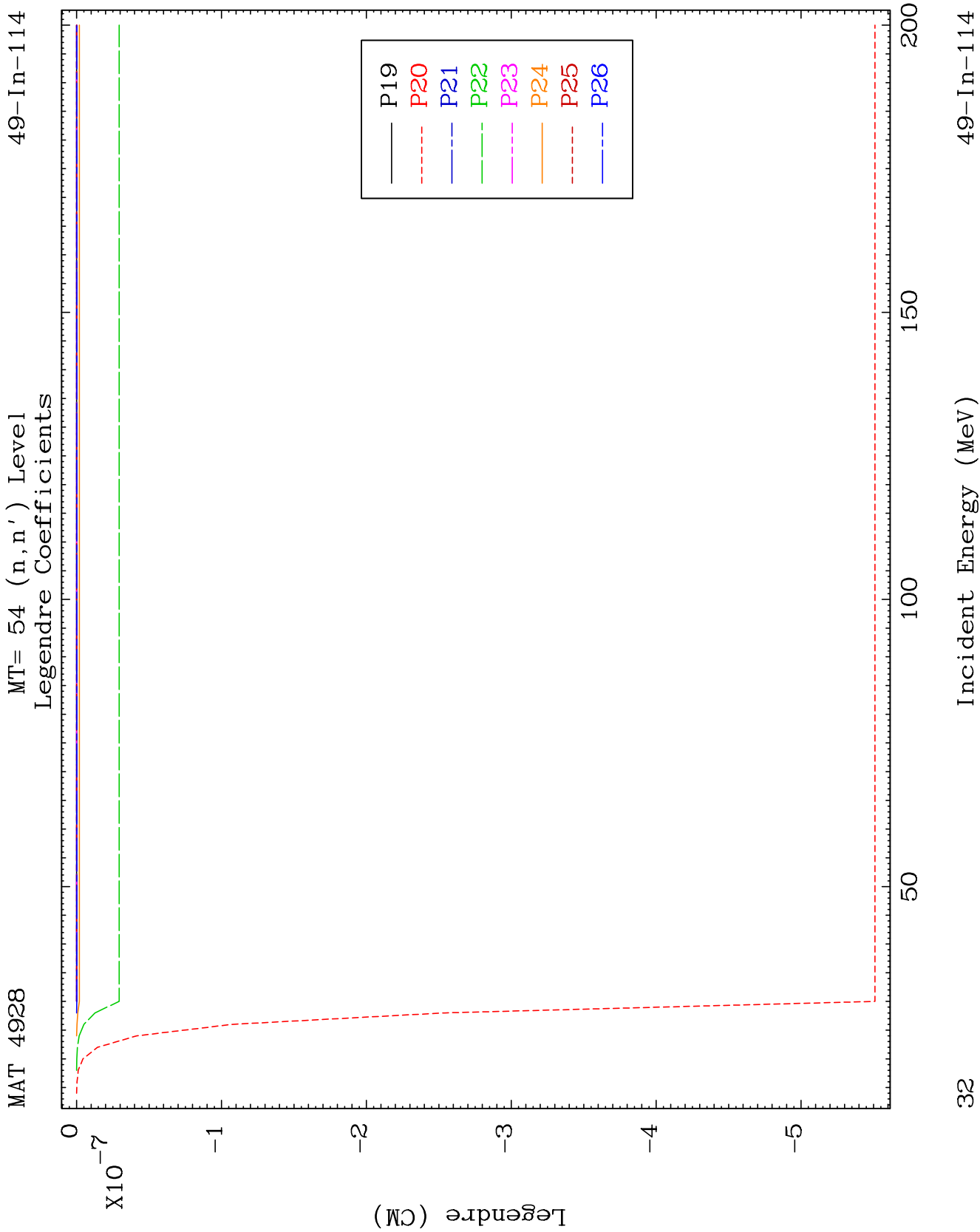








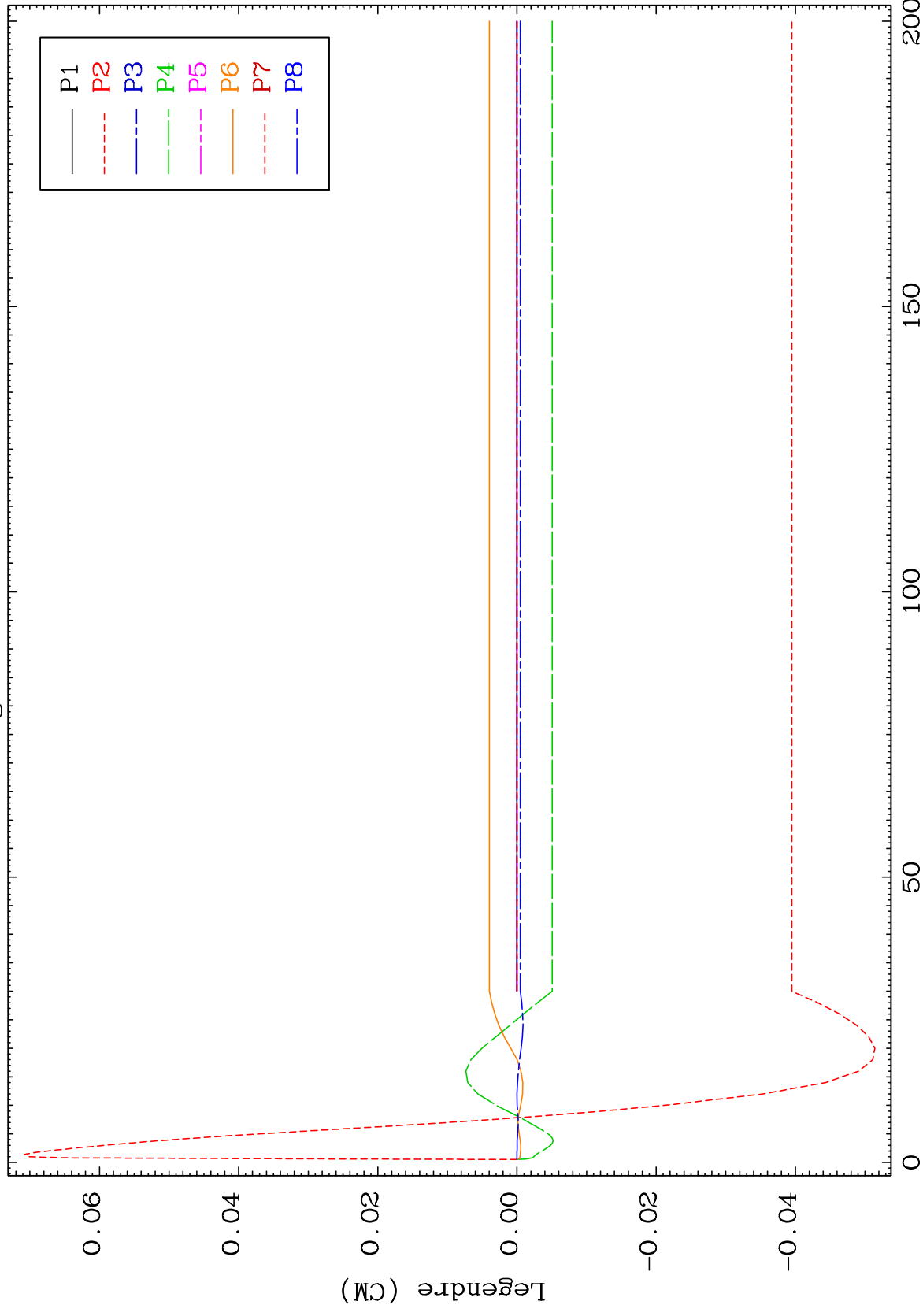




MAT 4928

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

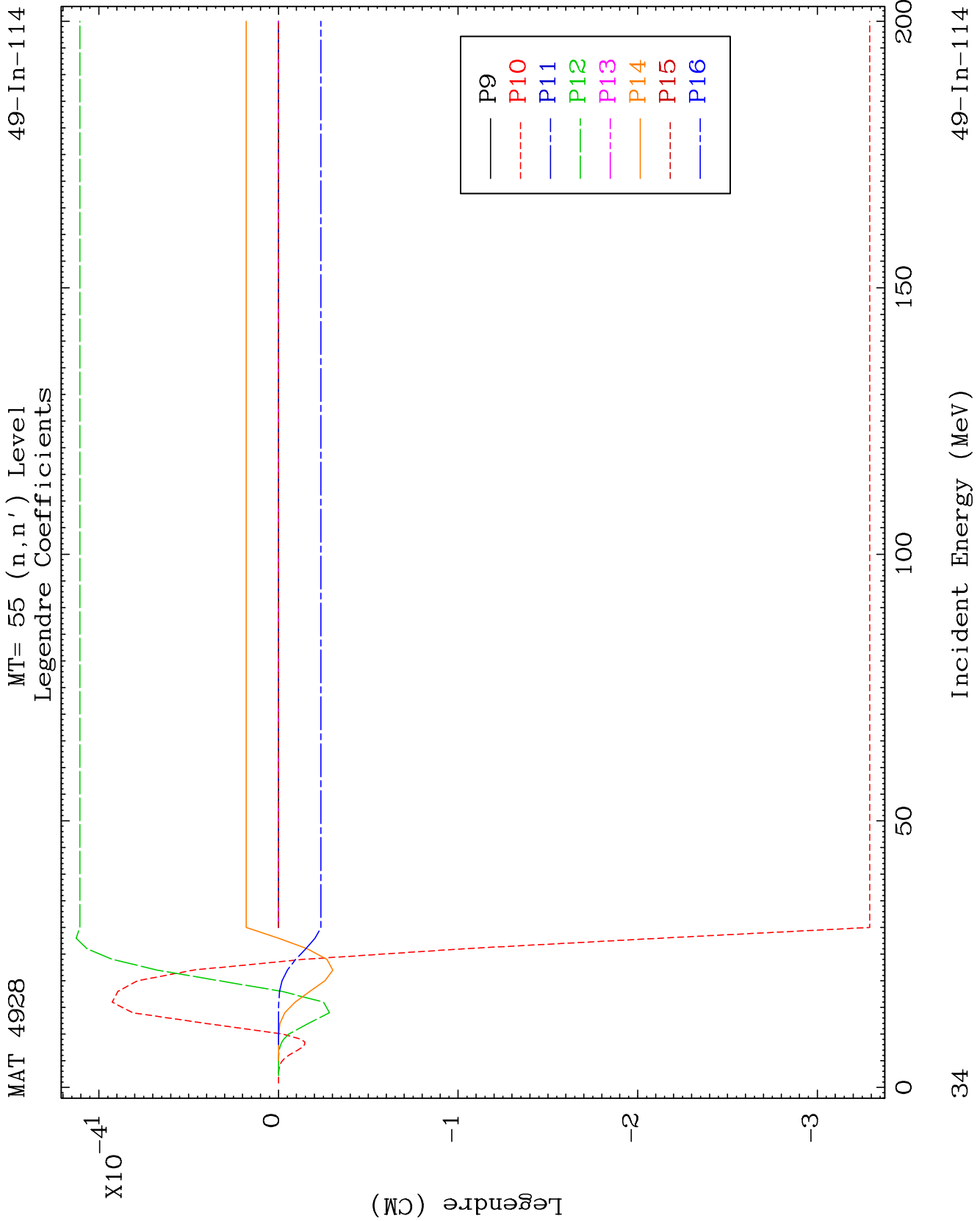
49-In-114

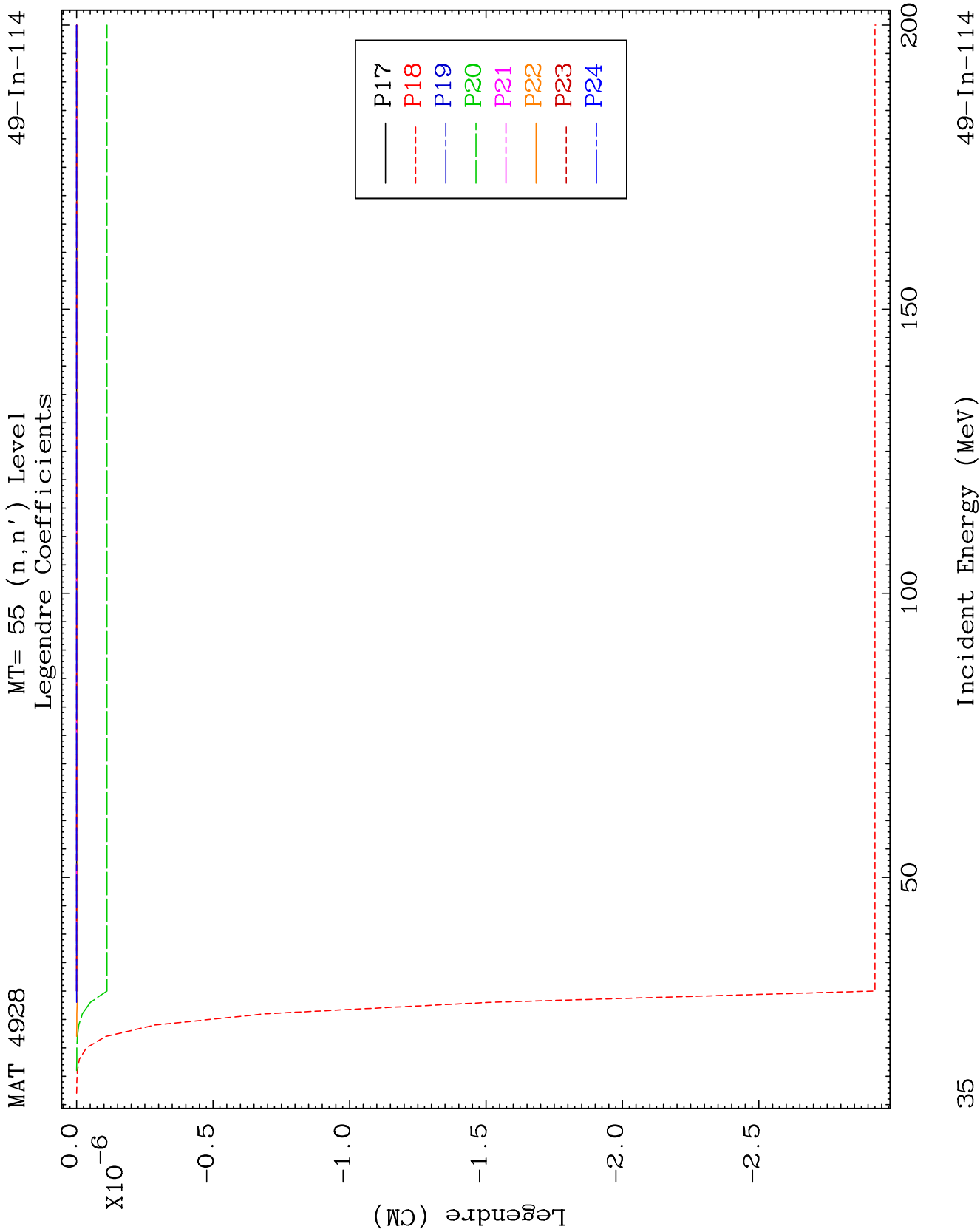


33

Incident Energy (MeV)

49-In-114

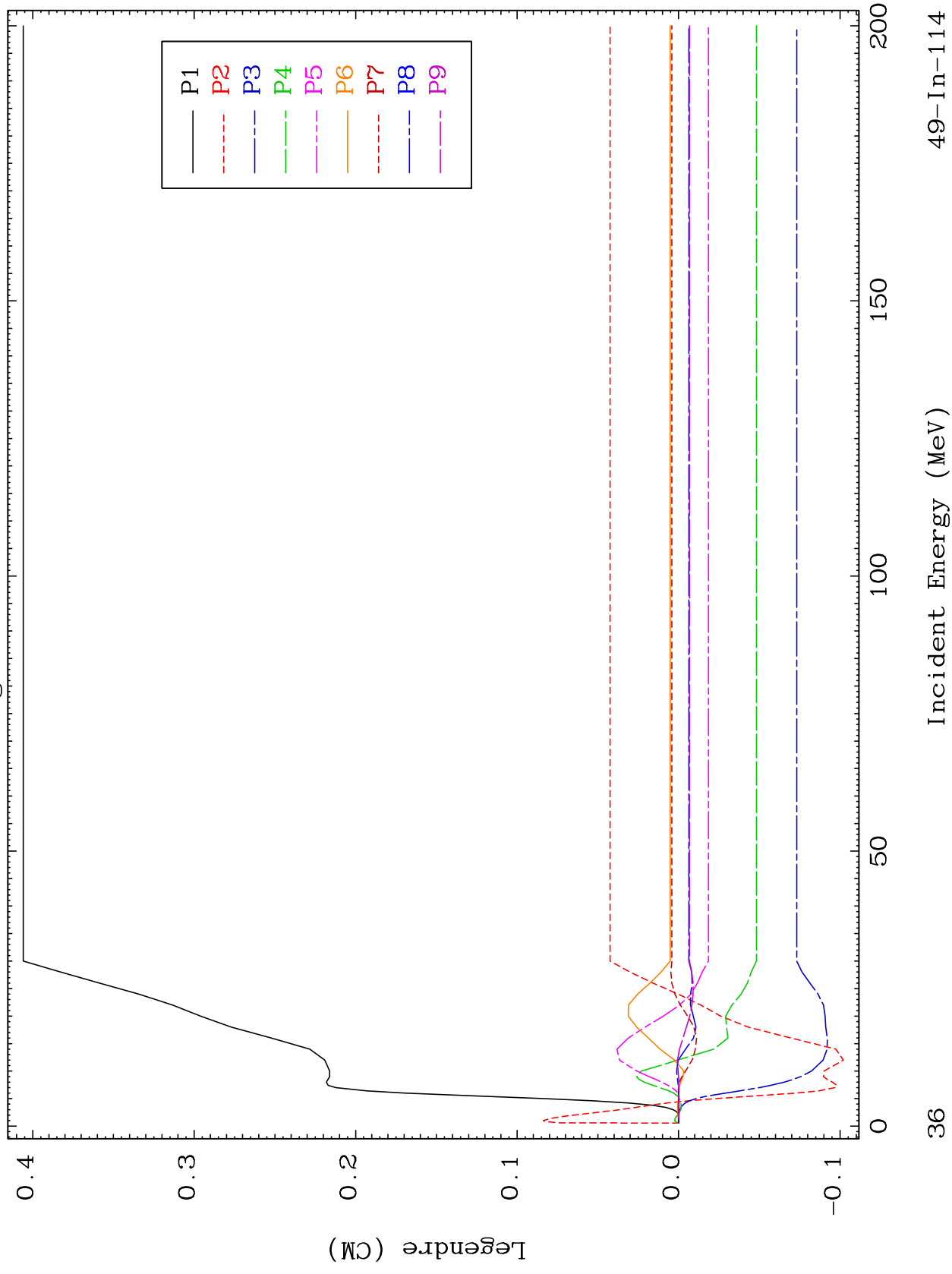


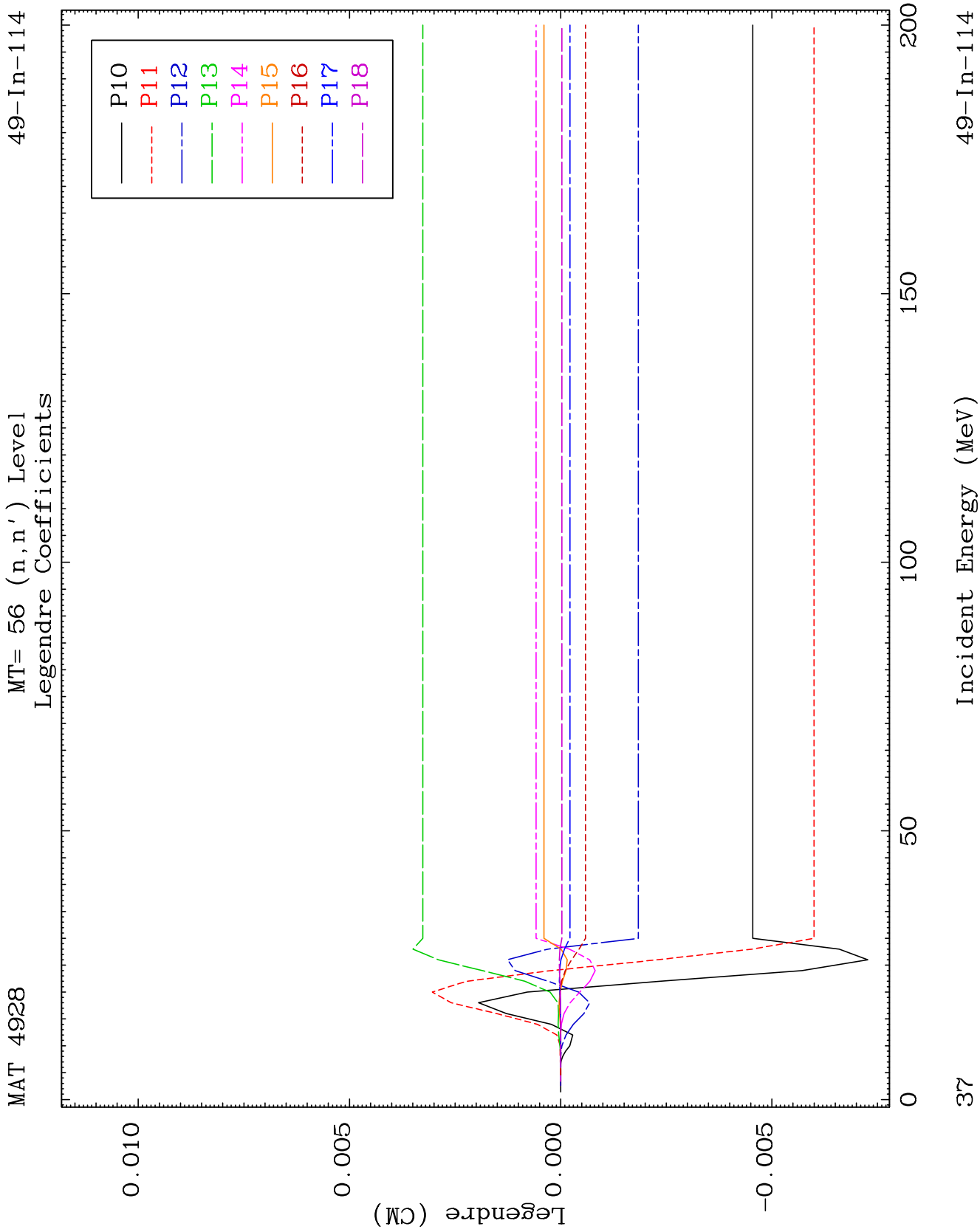


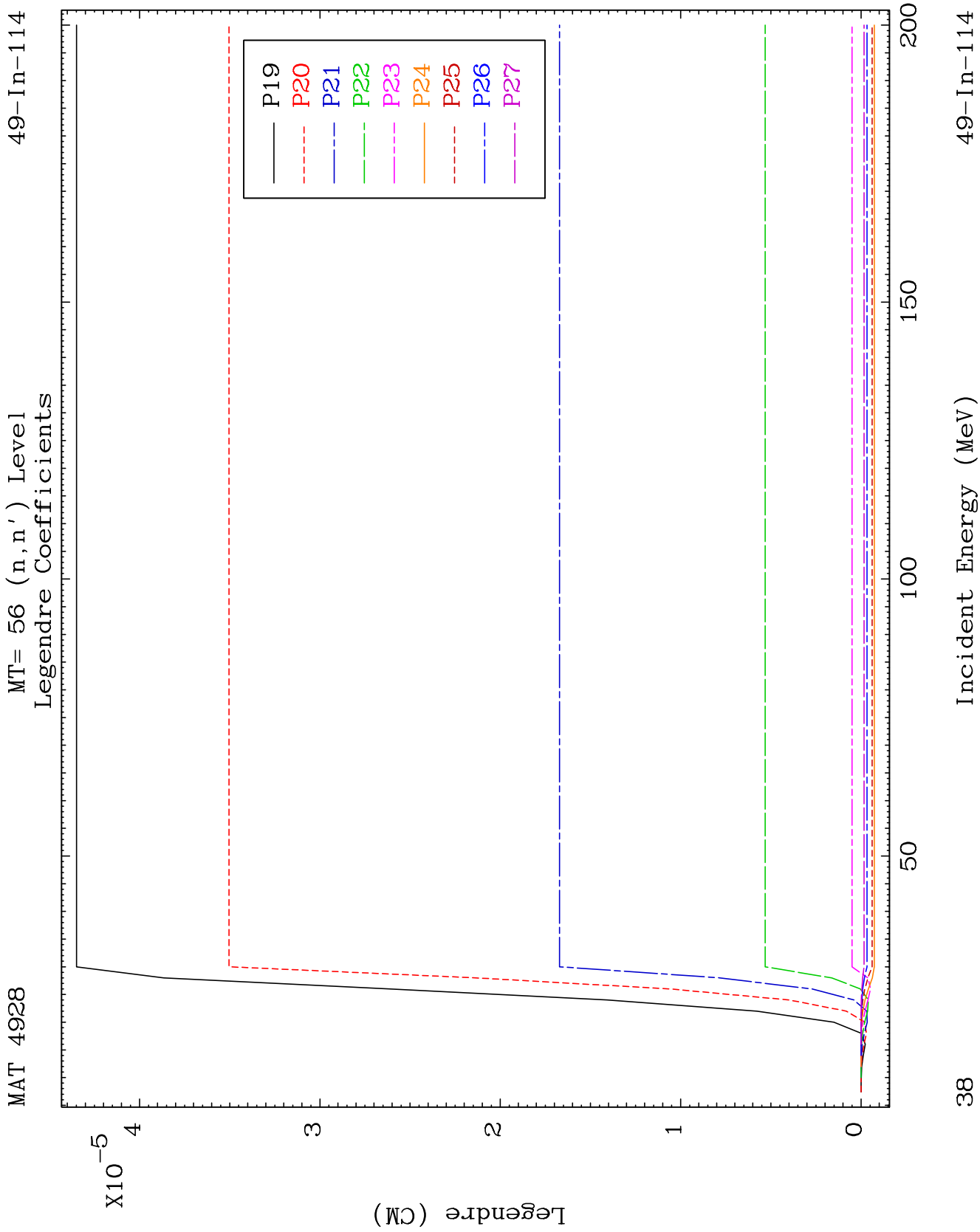
MAT 4928

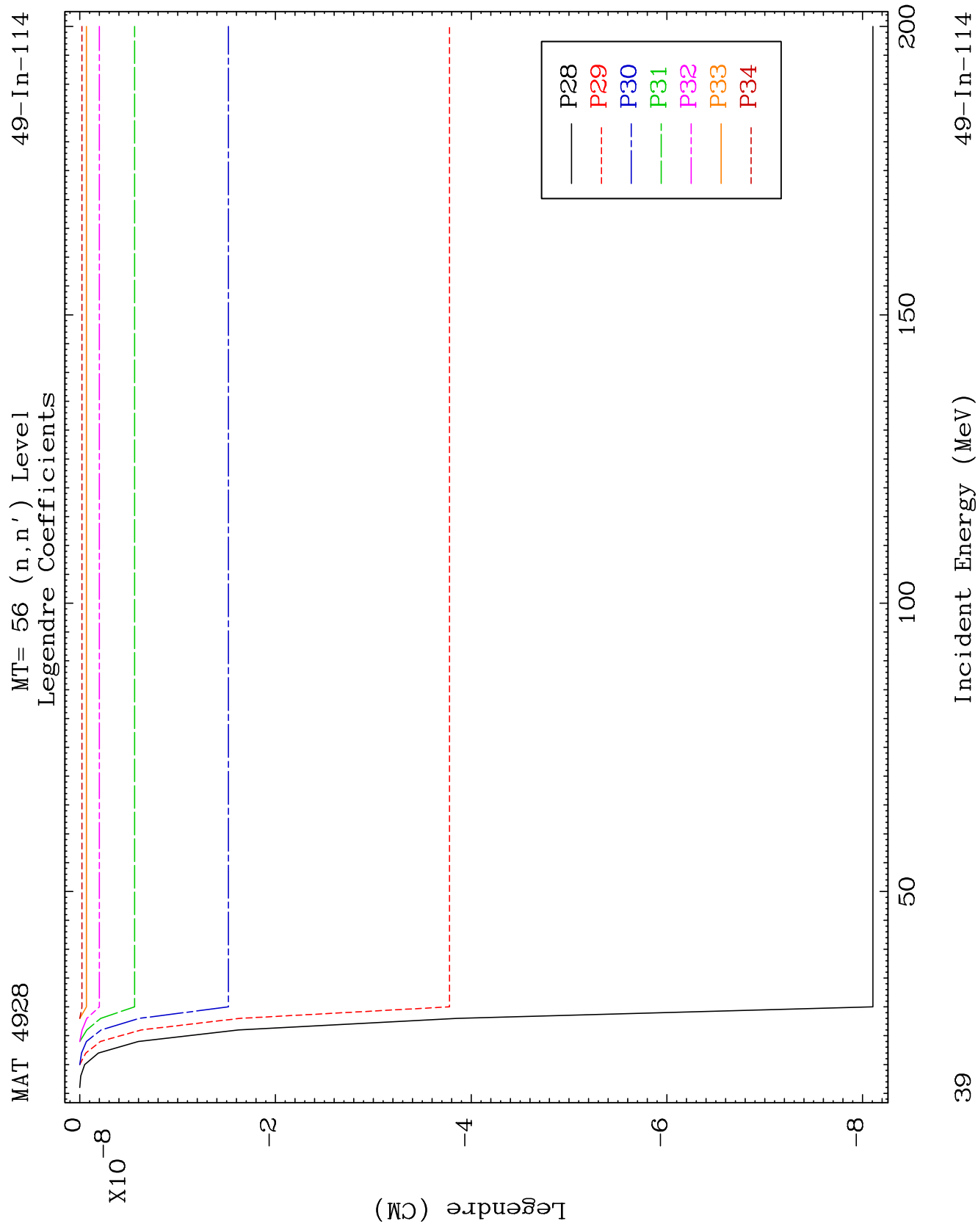
MT= 56 (n, n') Level
Legendre Coefficients

49-In-114





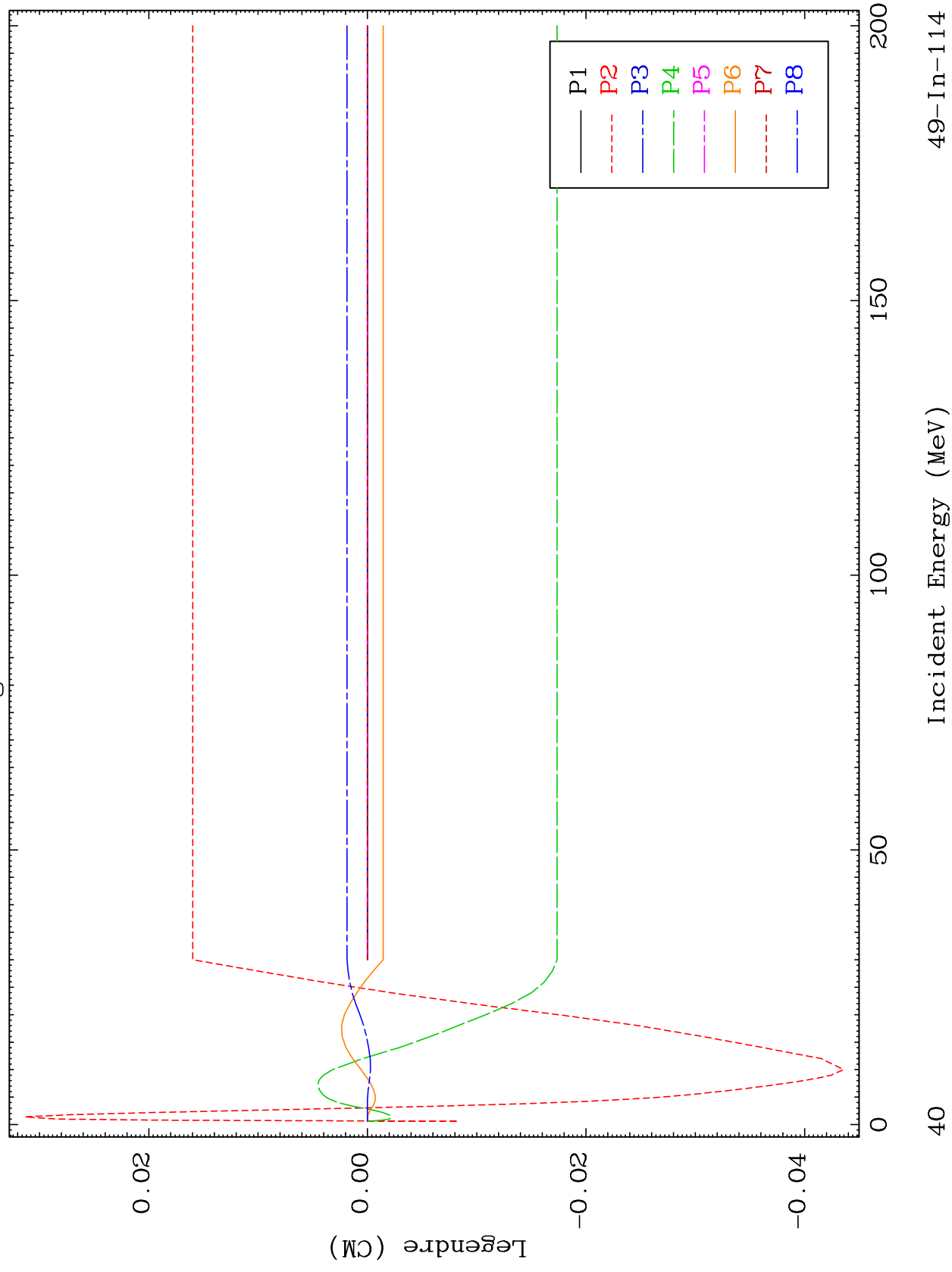


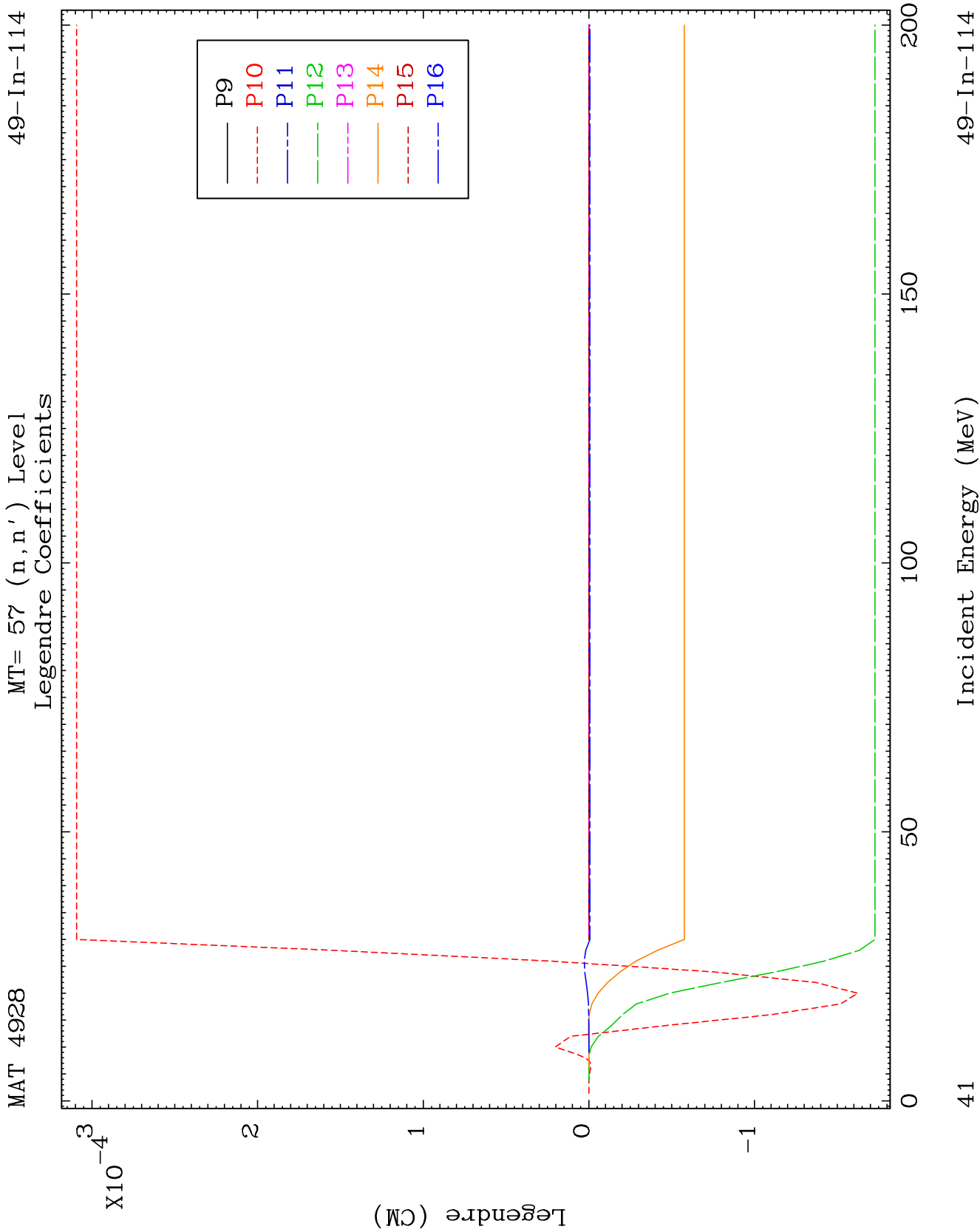


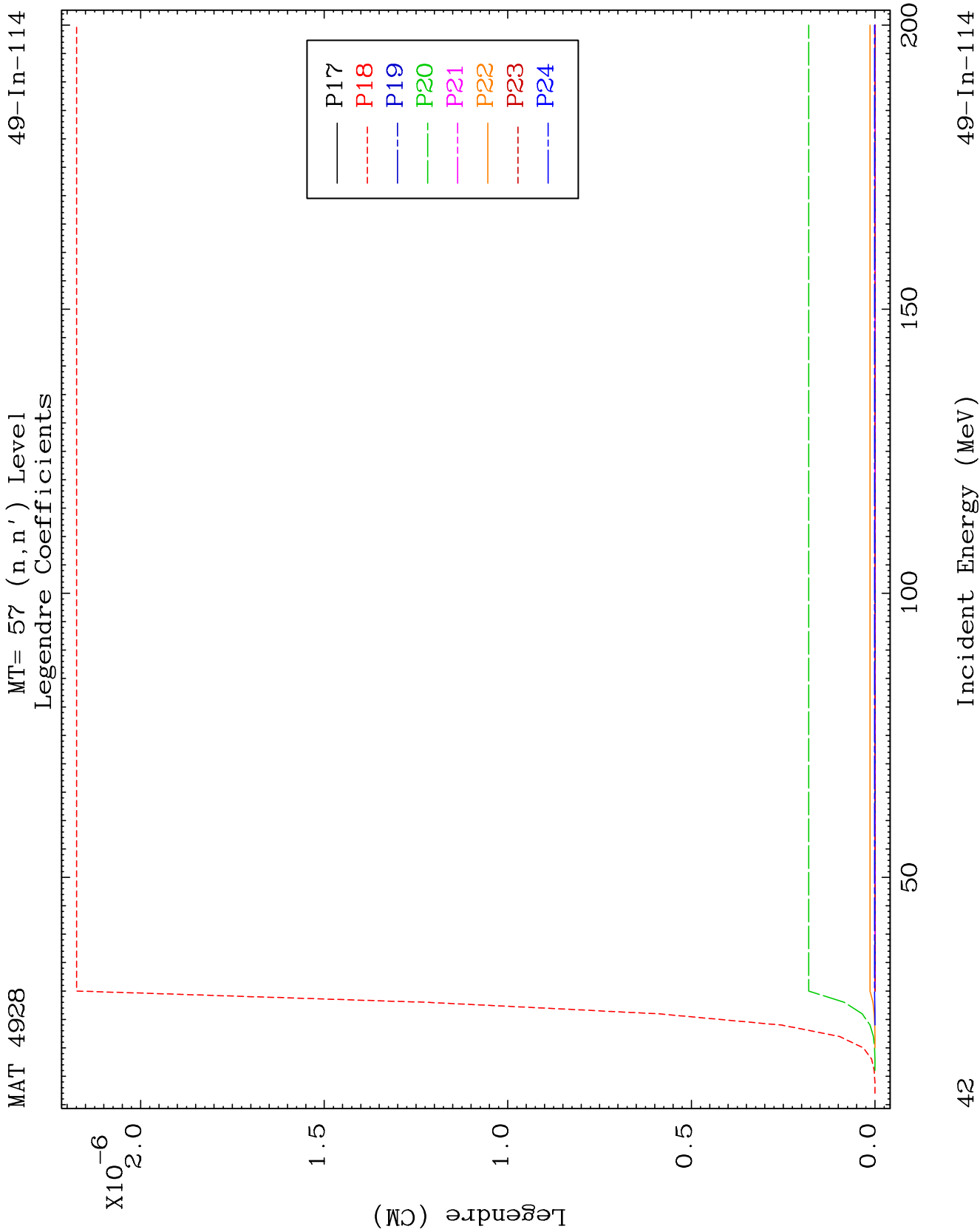
MAT 4928

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

49-In-114



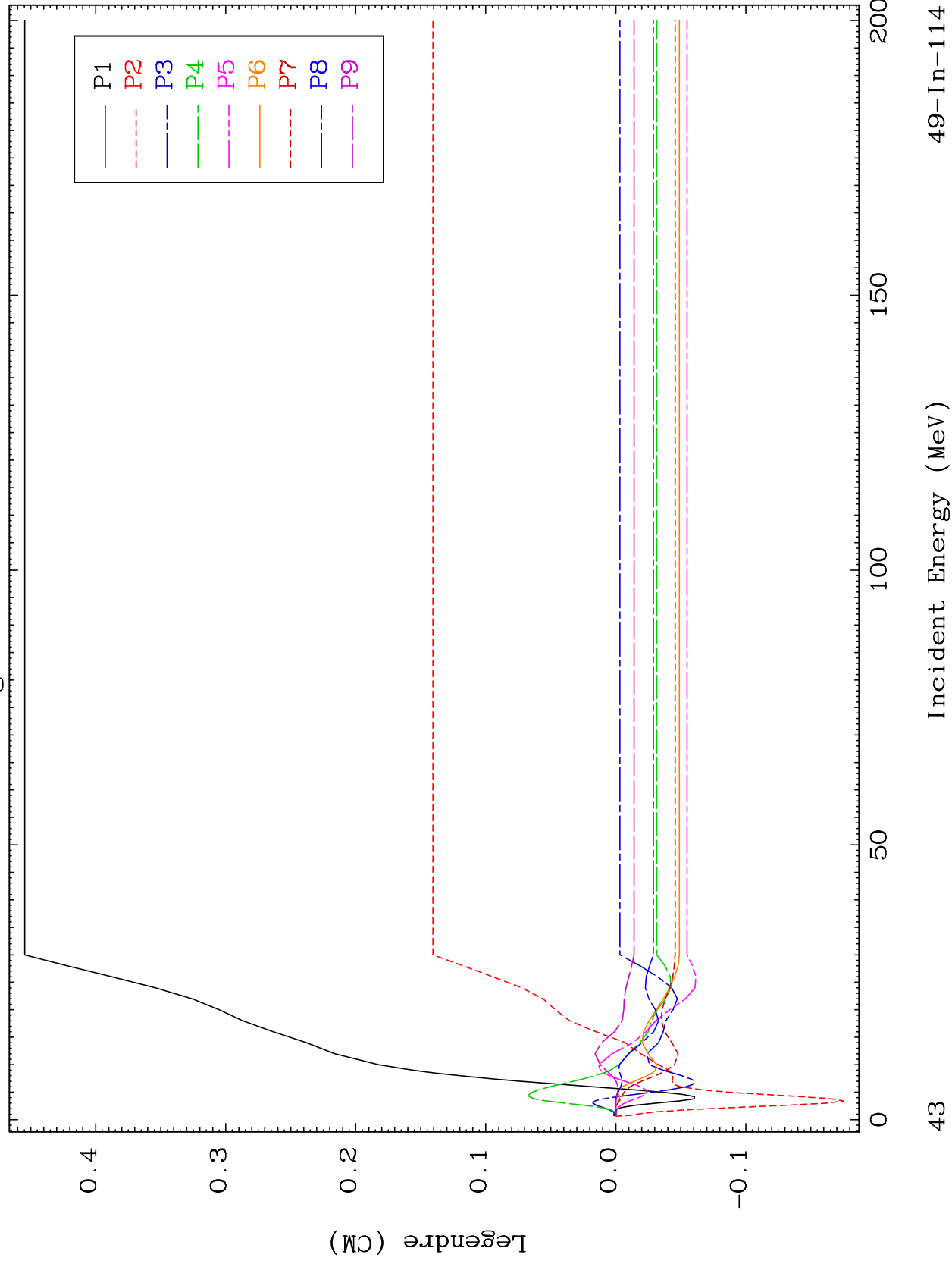


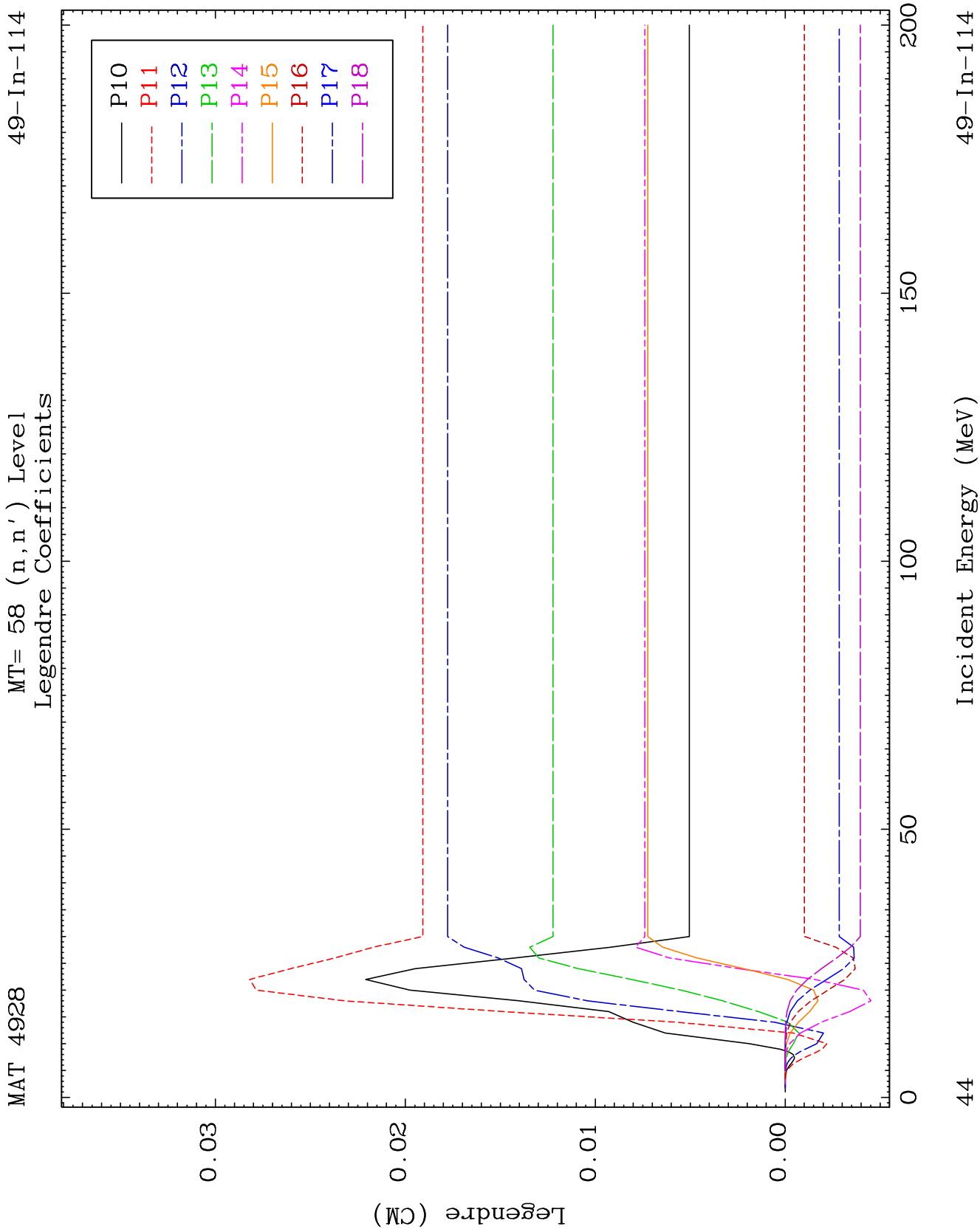


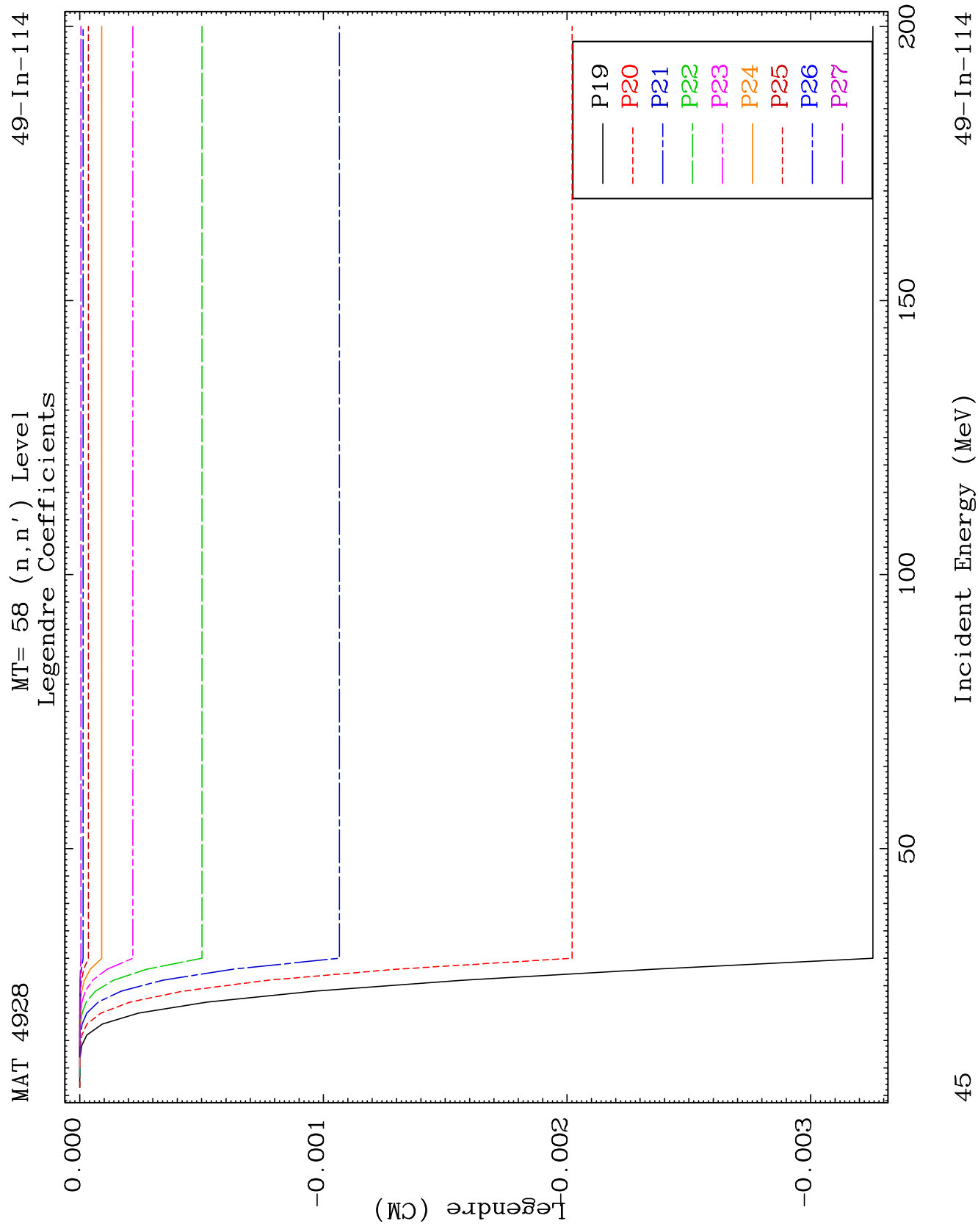
MAT 4928

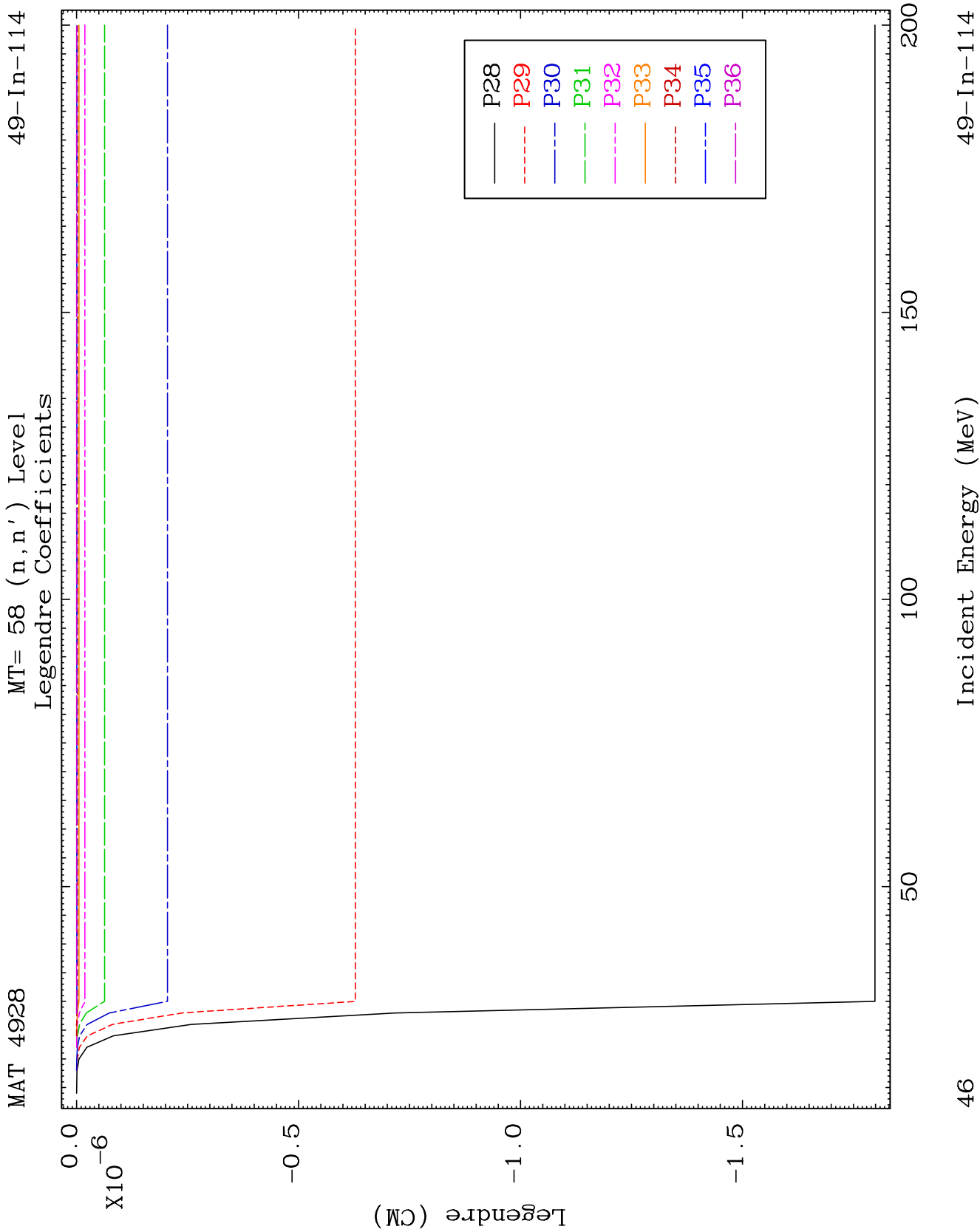
MT= 58 (n, n') Level
Legendre Coefficients

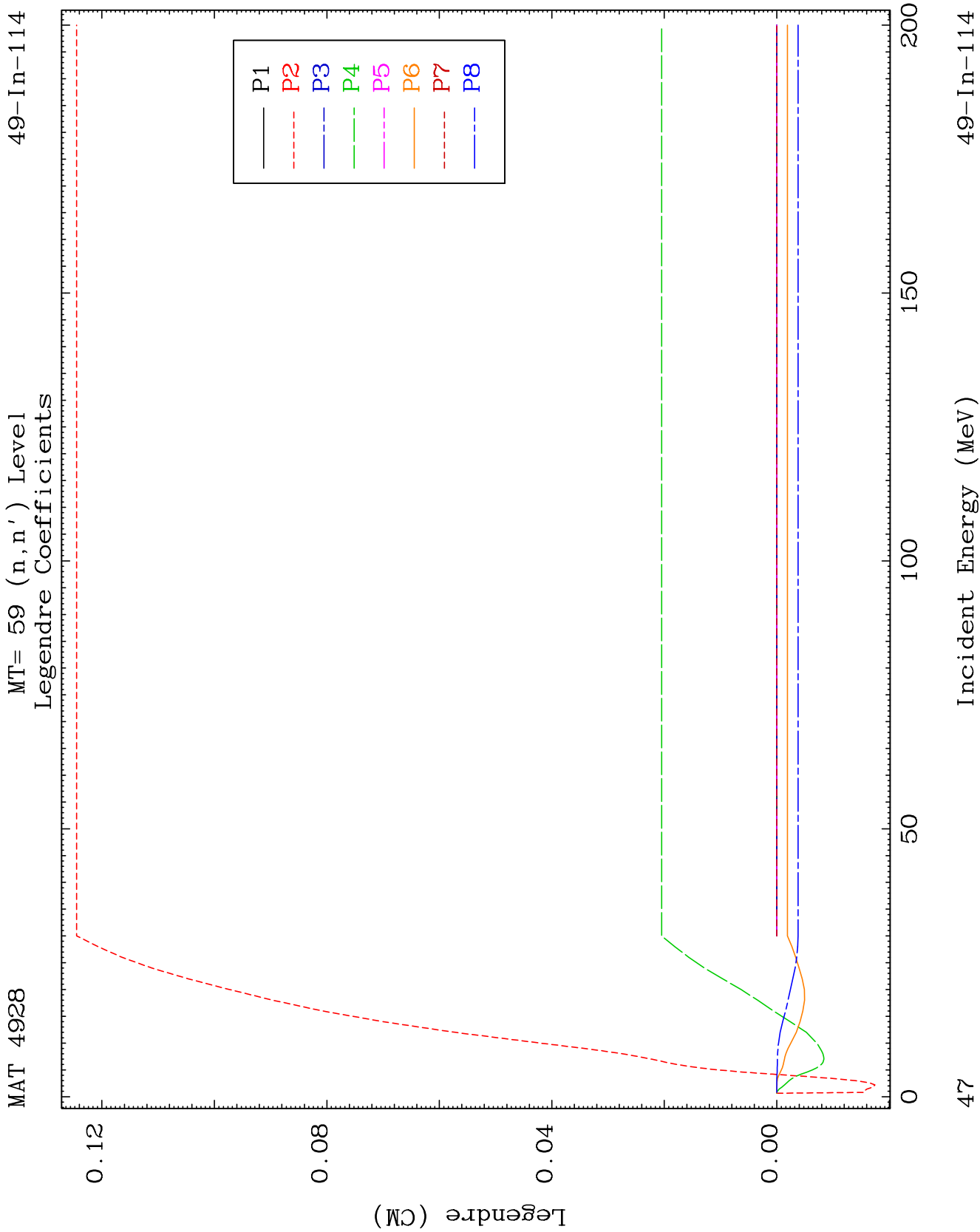
49-In-114

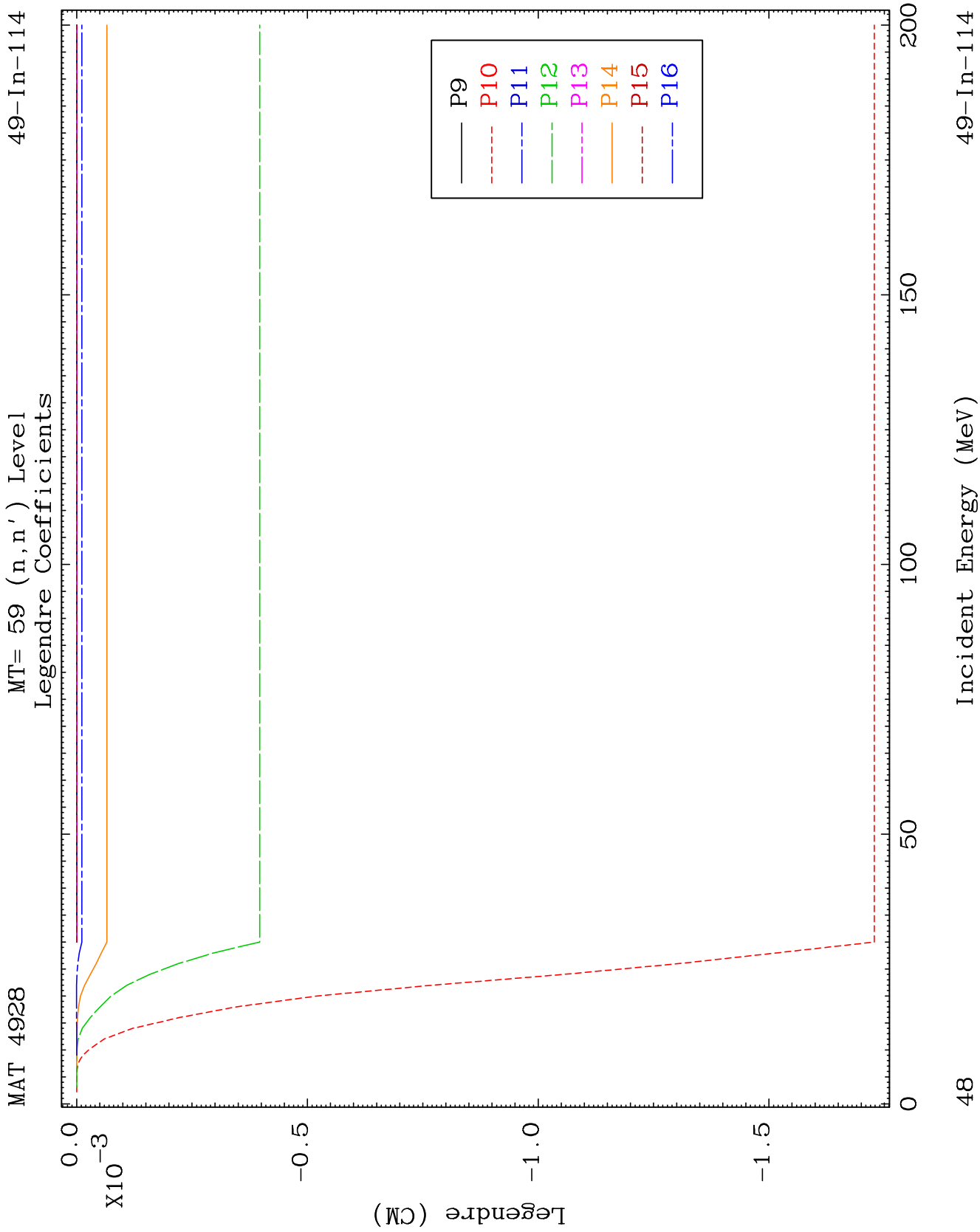


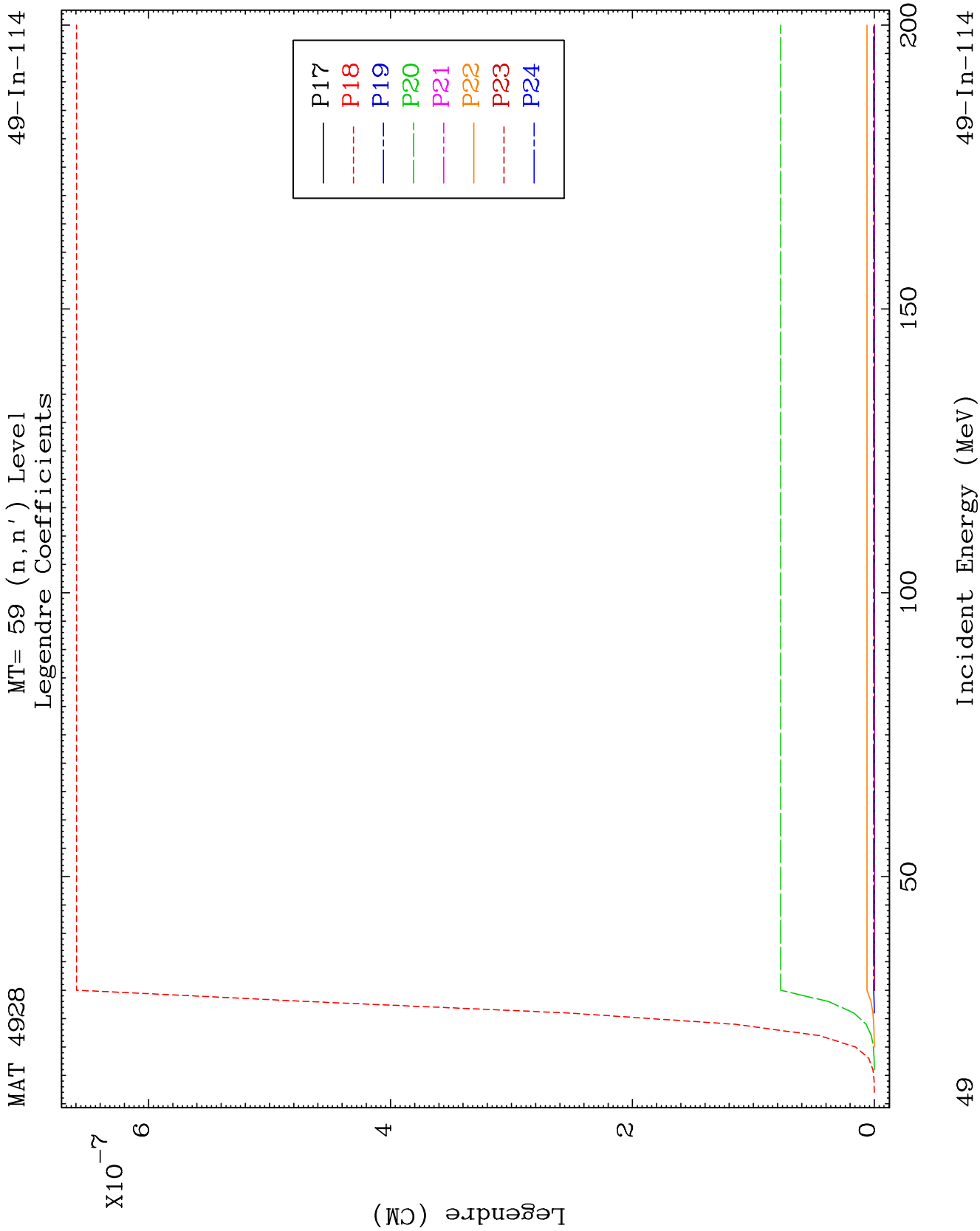








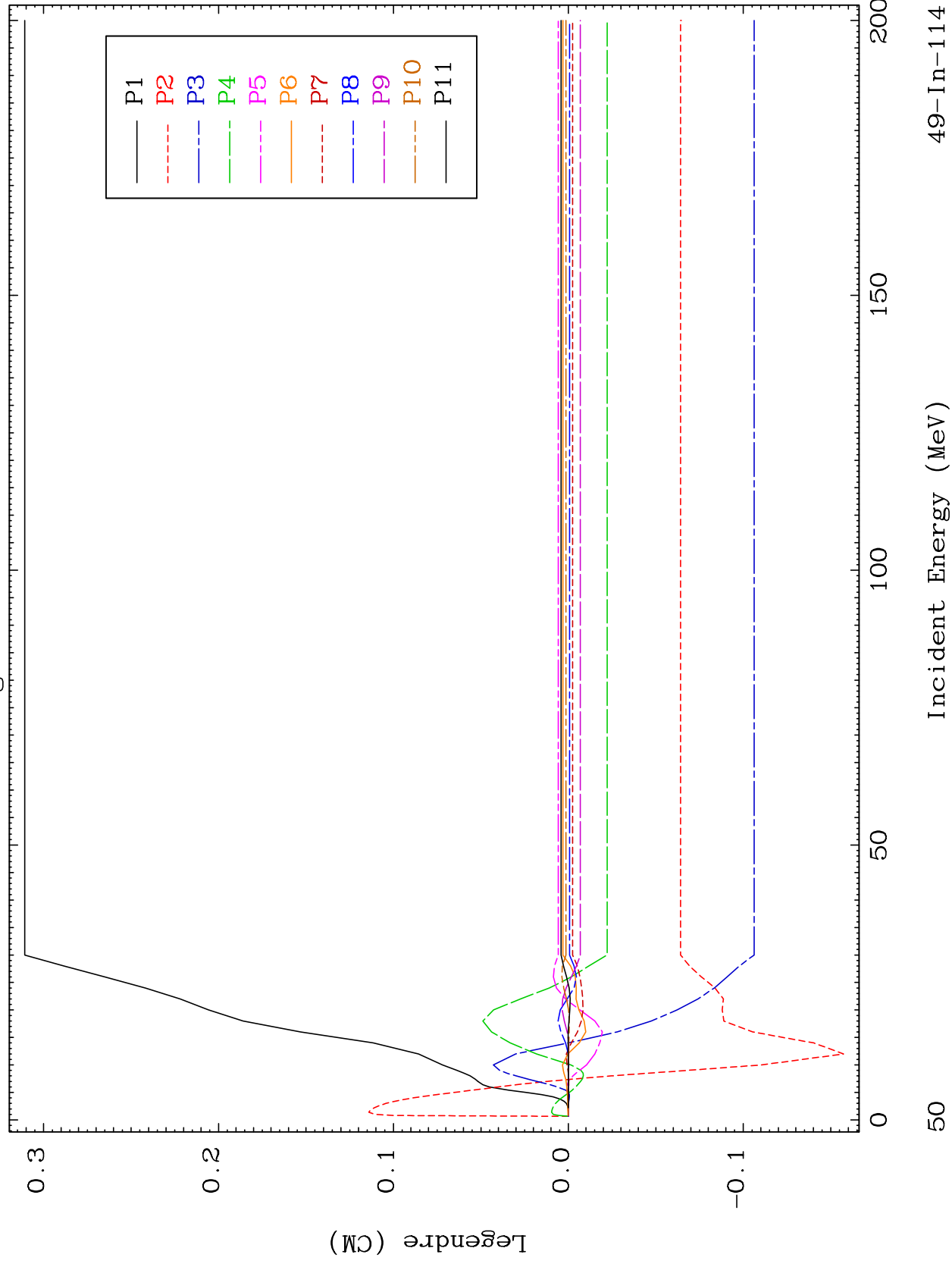


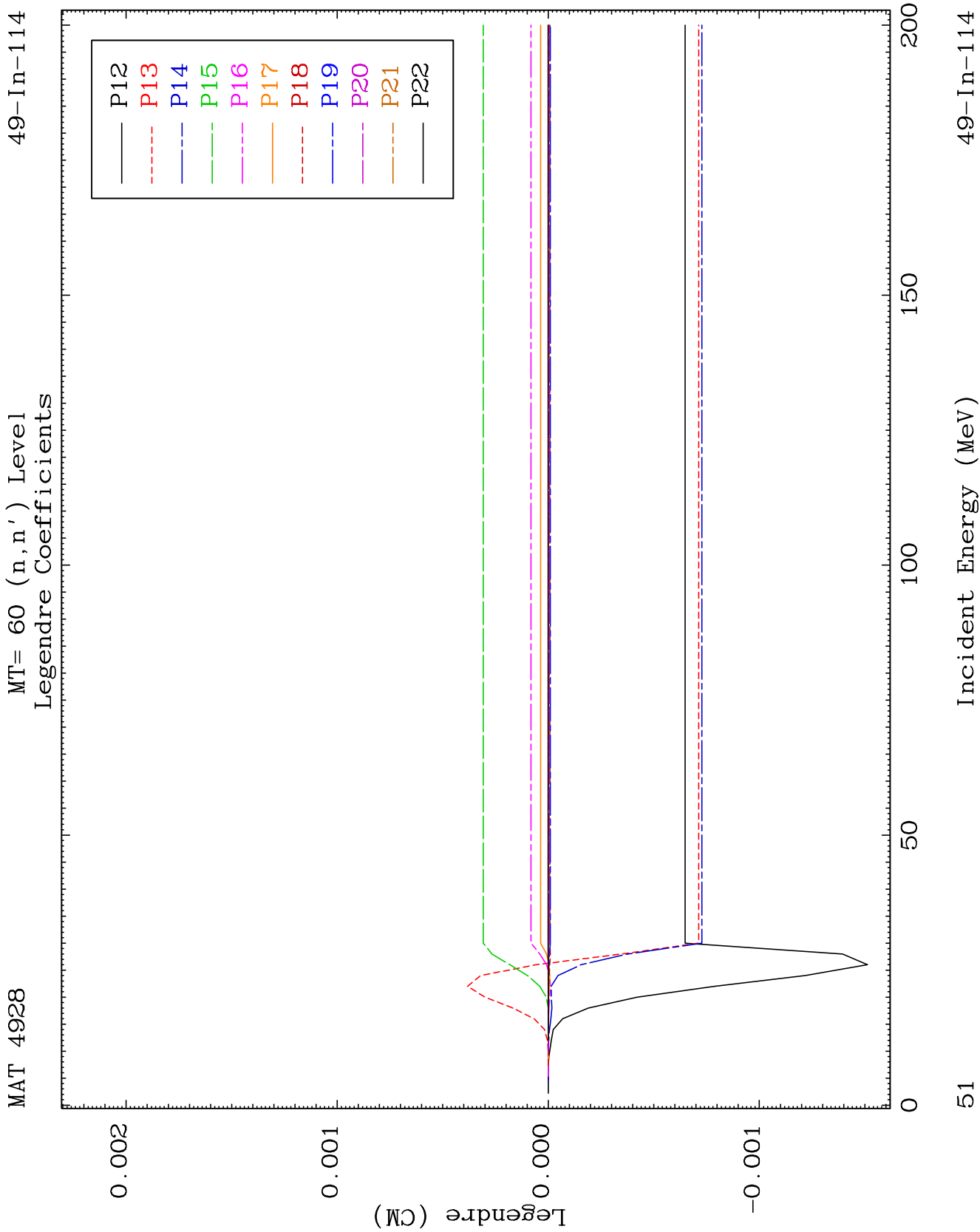


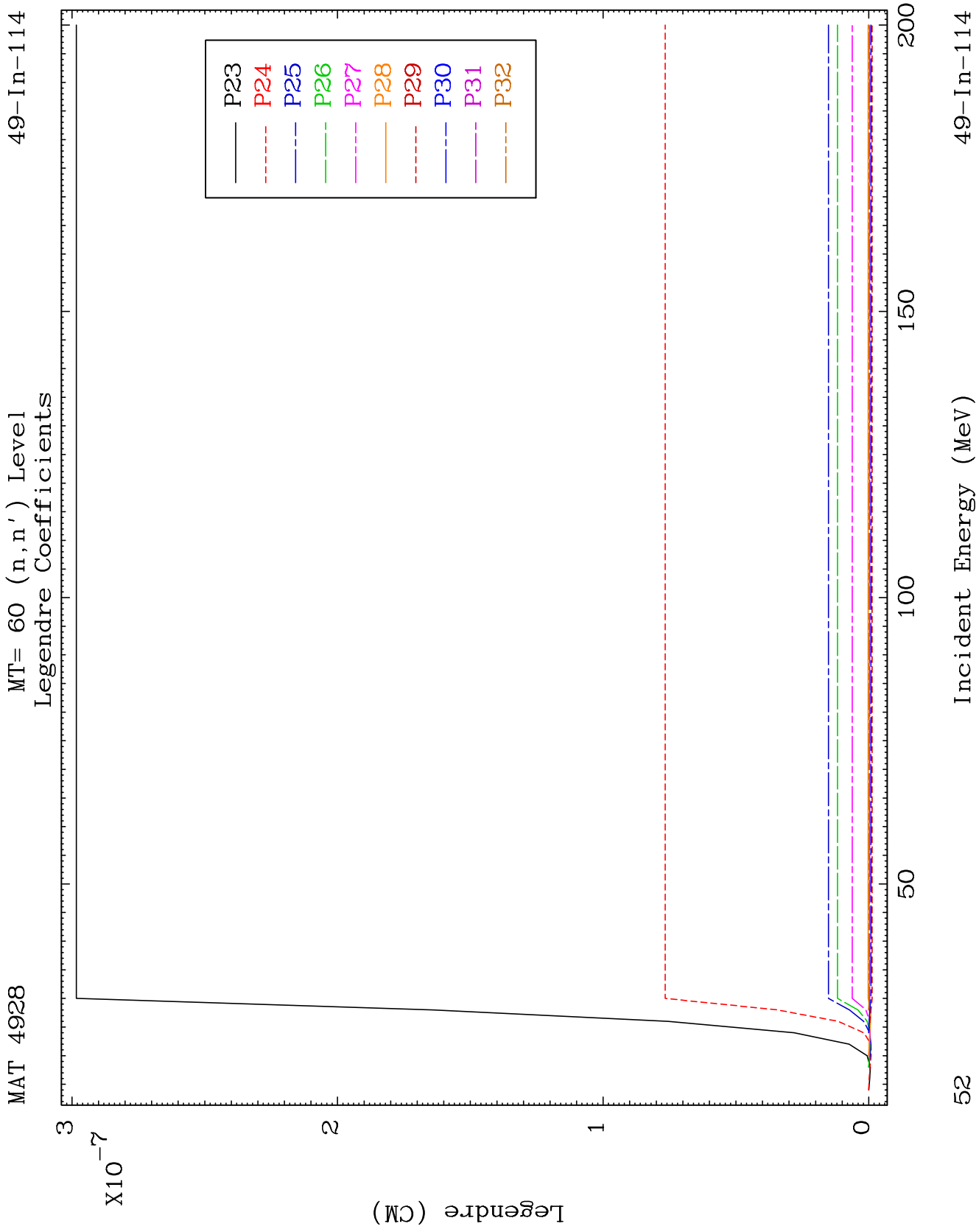
MAT 4928

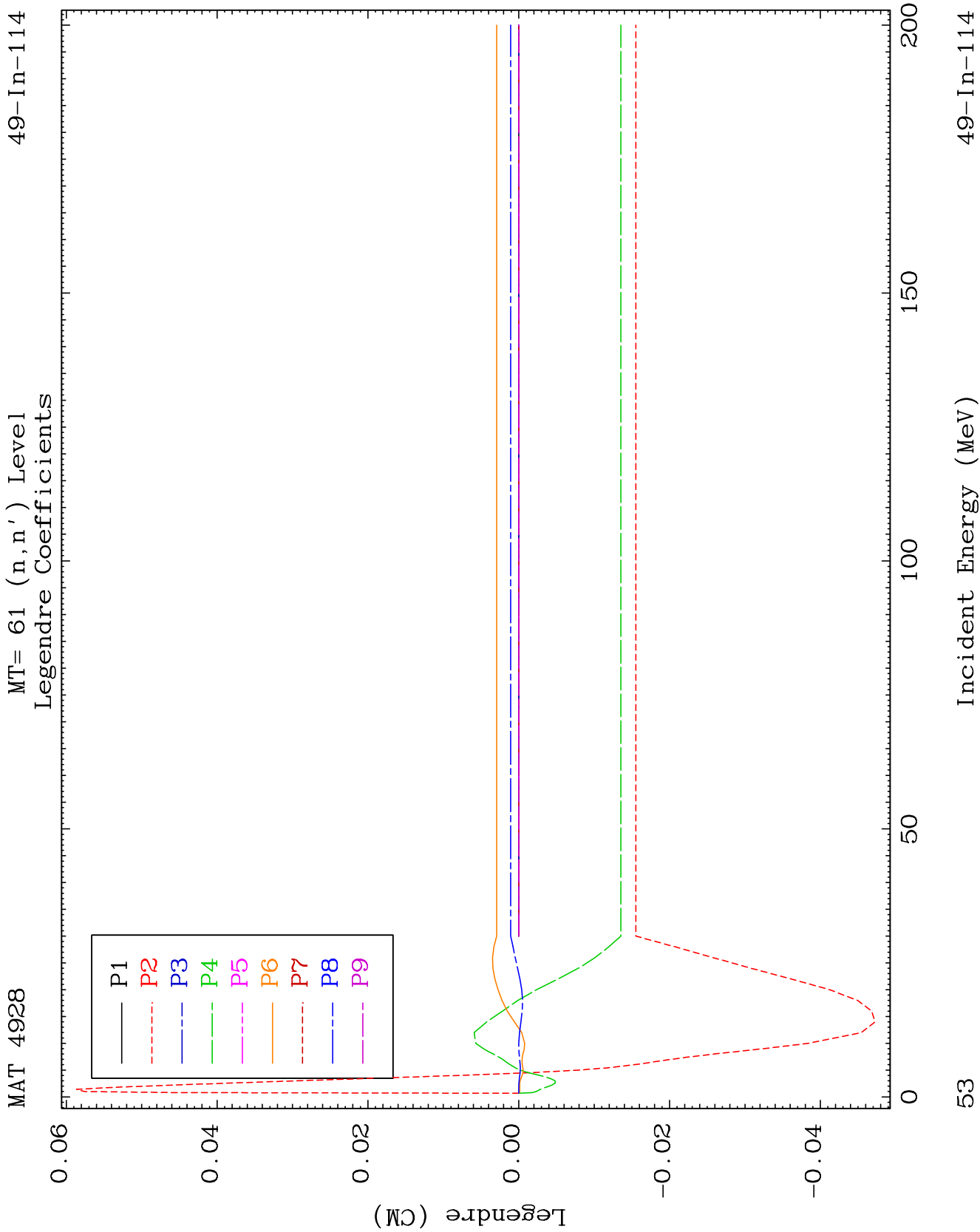
MT= 60 (n, n') Level
Legendre Coefficients

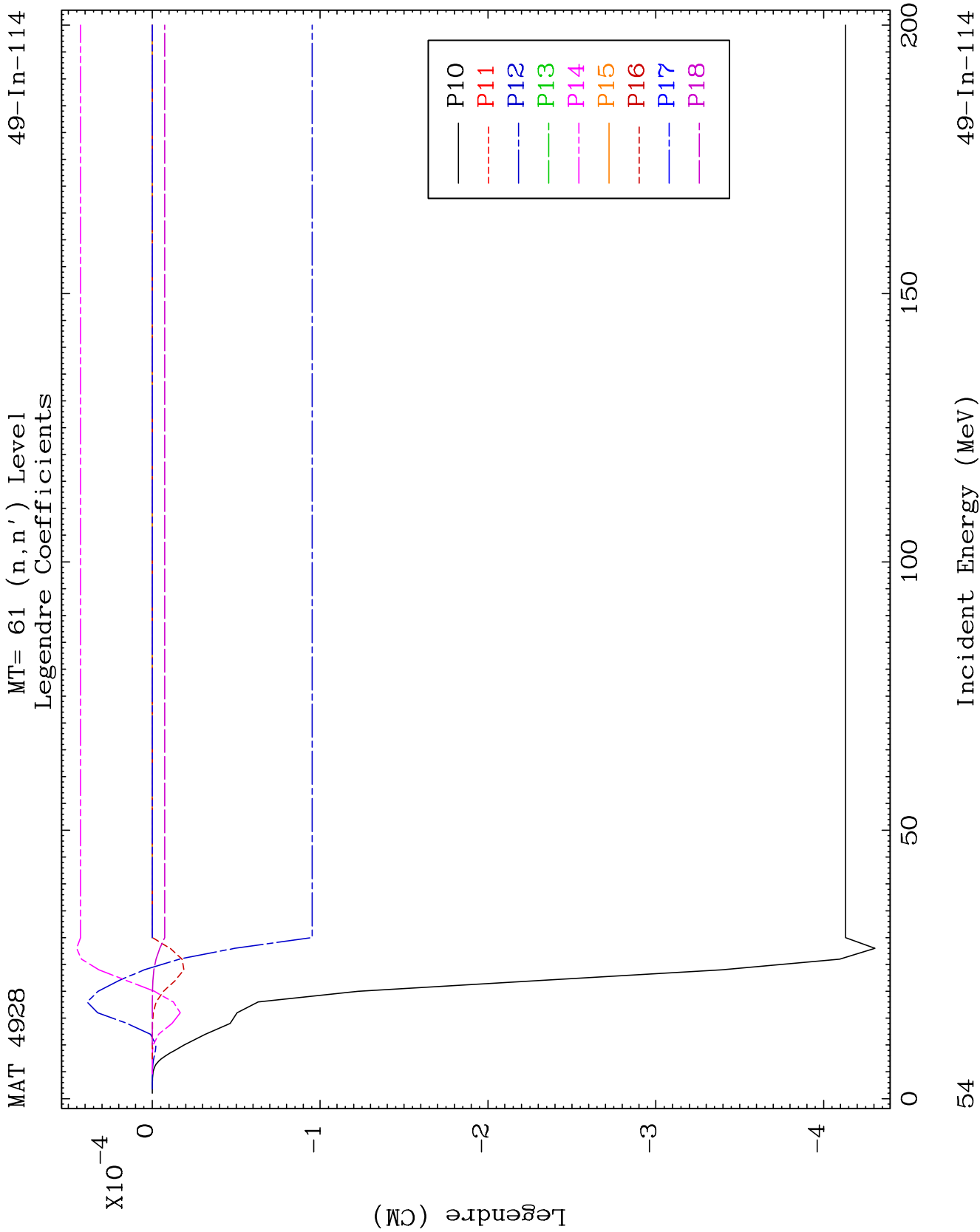
49-In-114

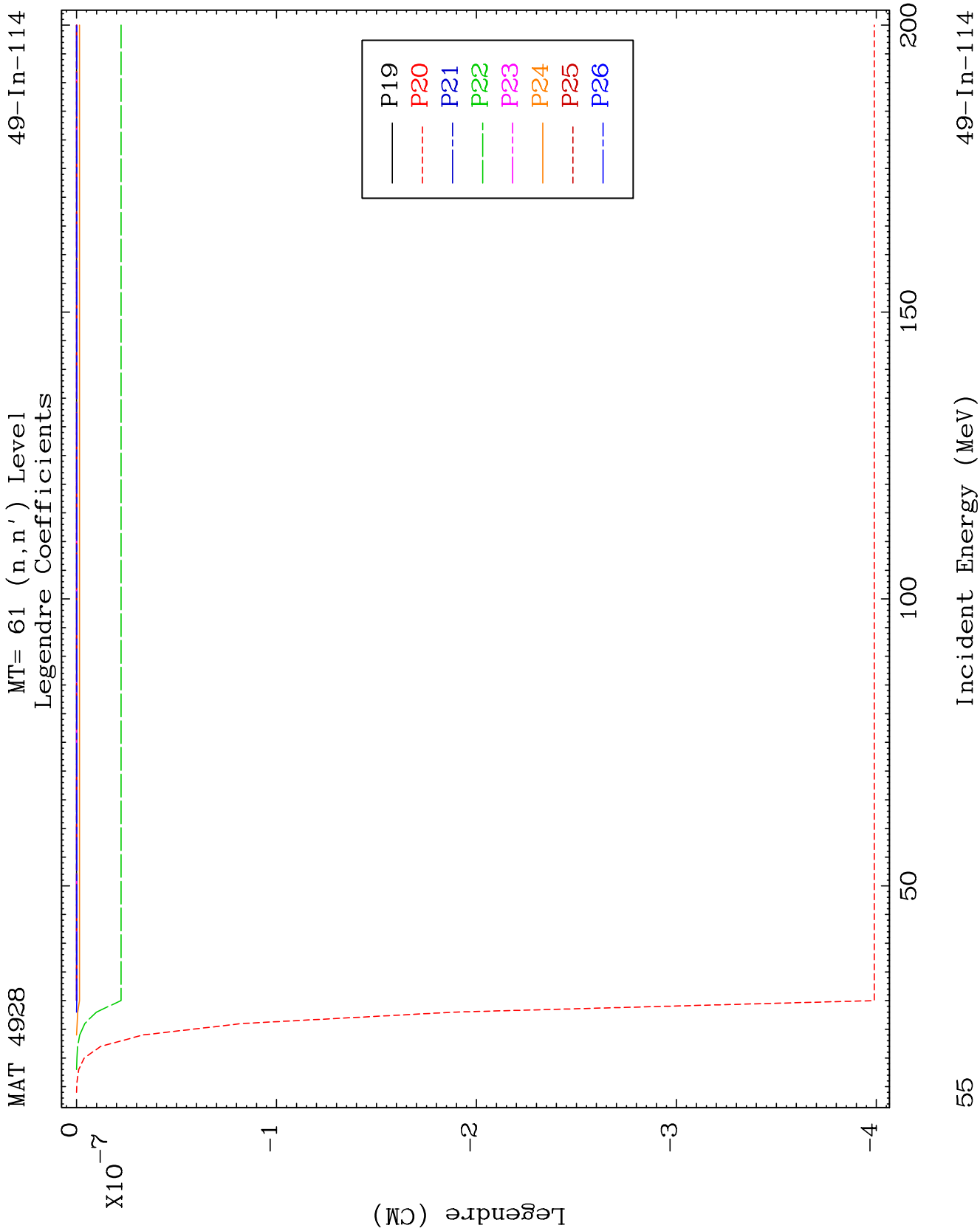


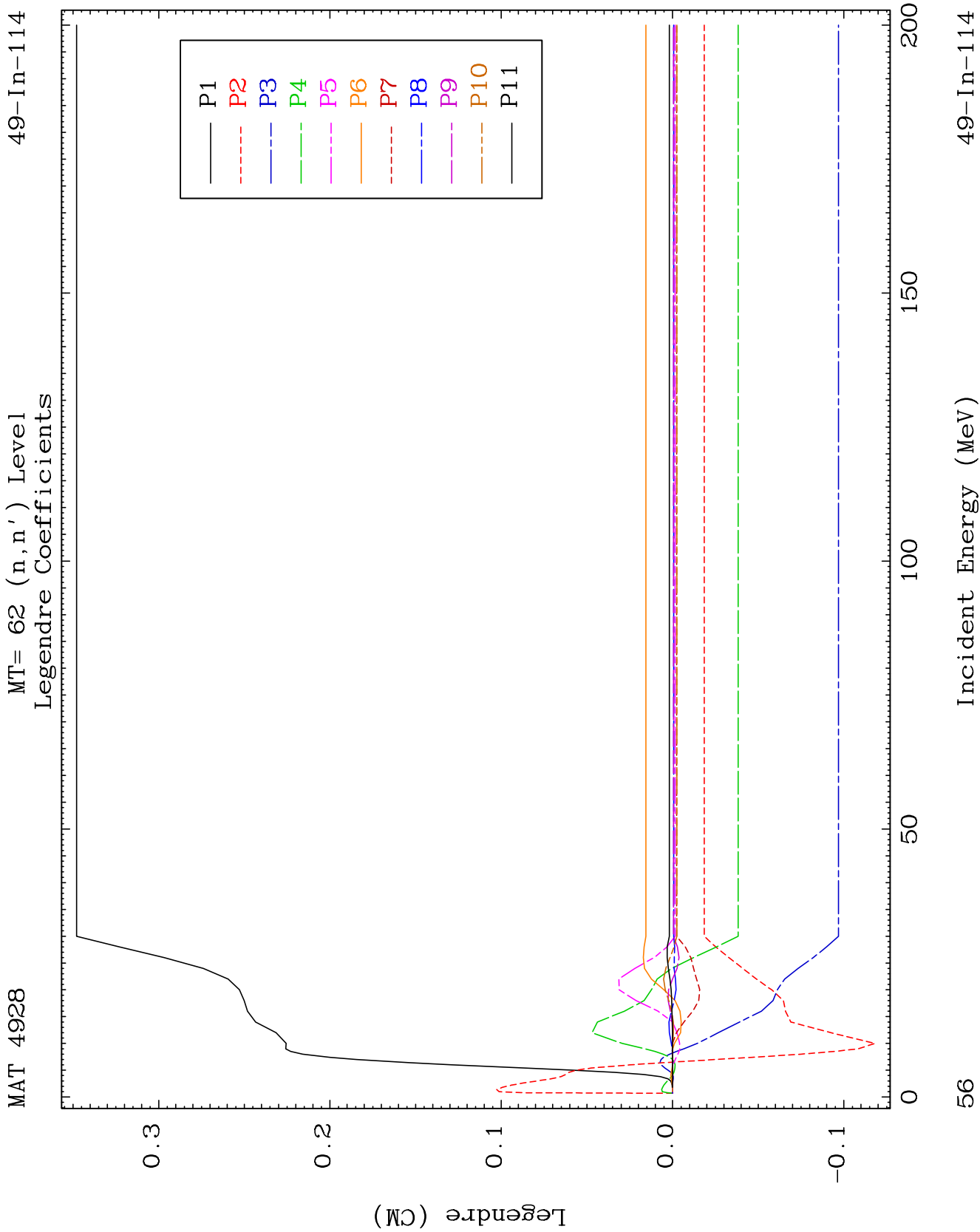








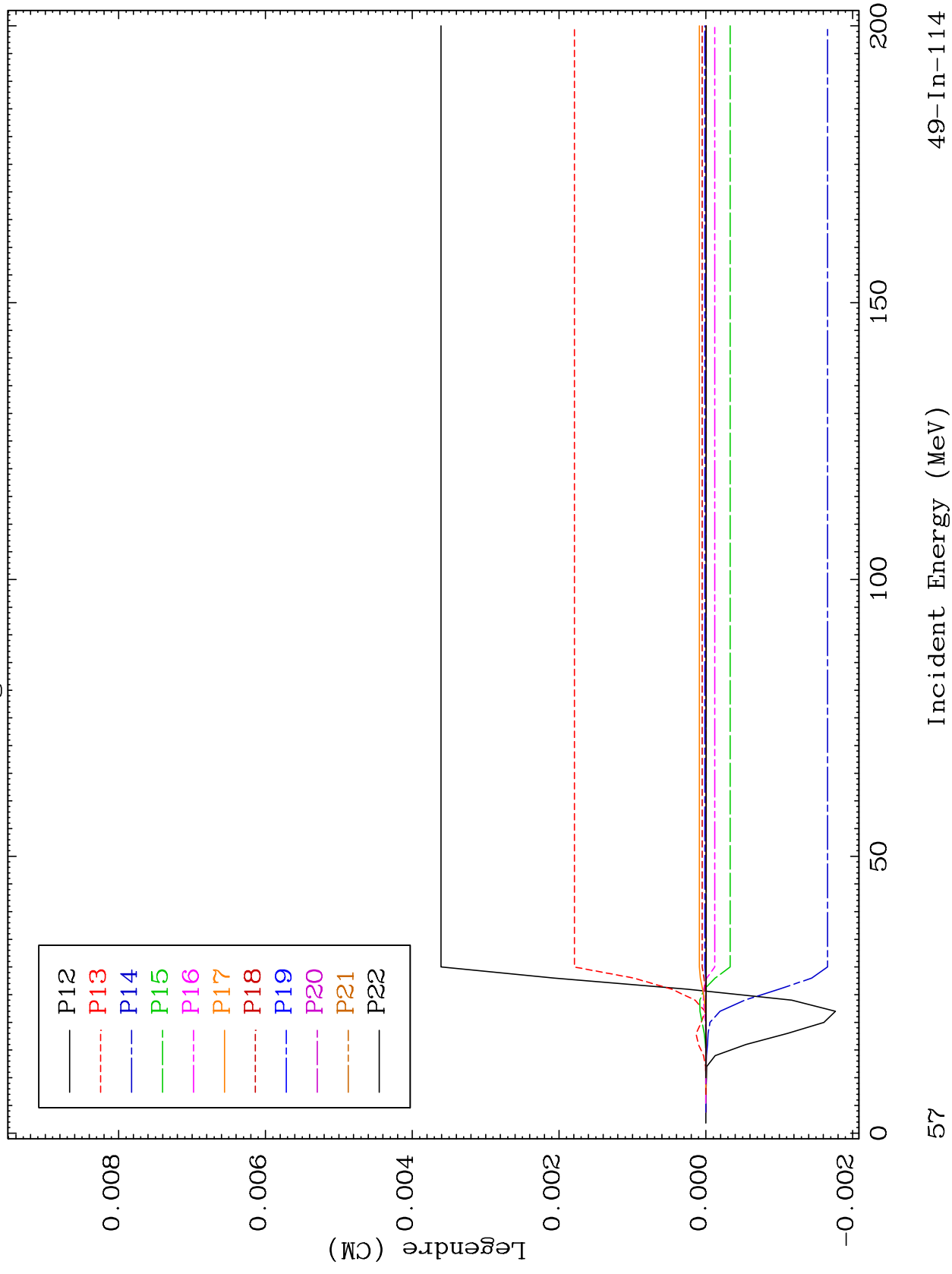




MAT 4928

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

49-In-114

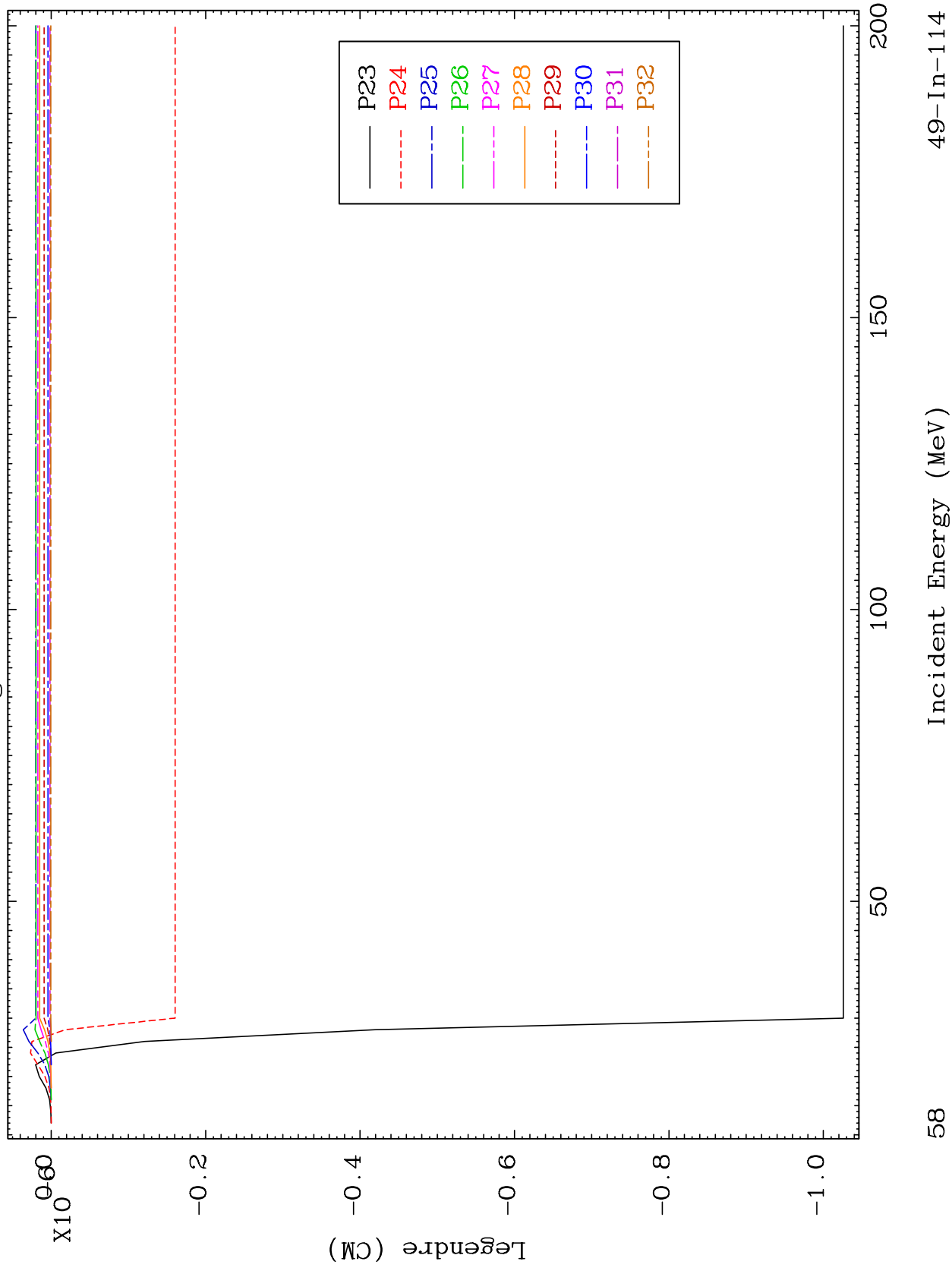


MAT 4928

MT= 62 (n, n') Level

49-In-114

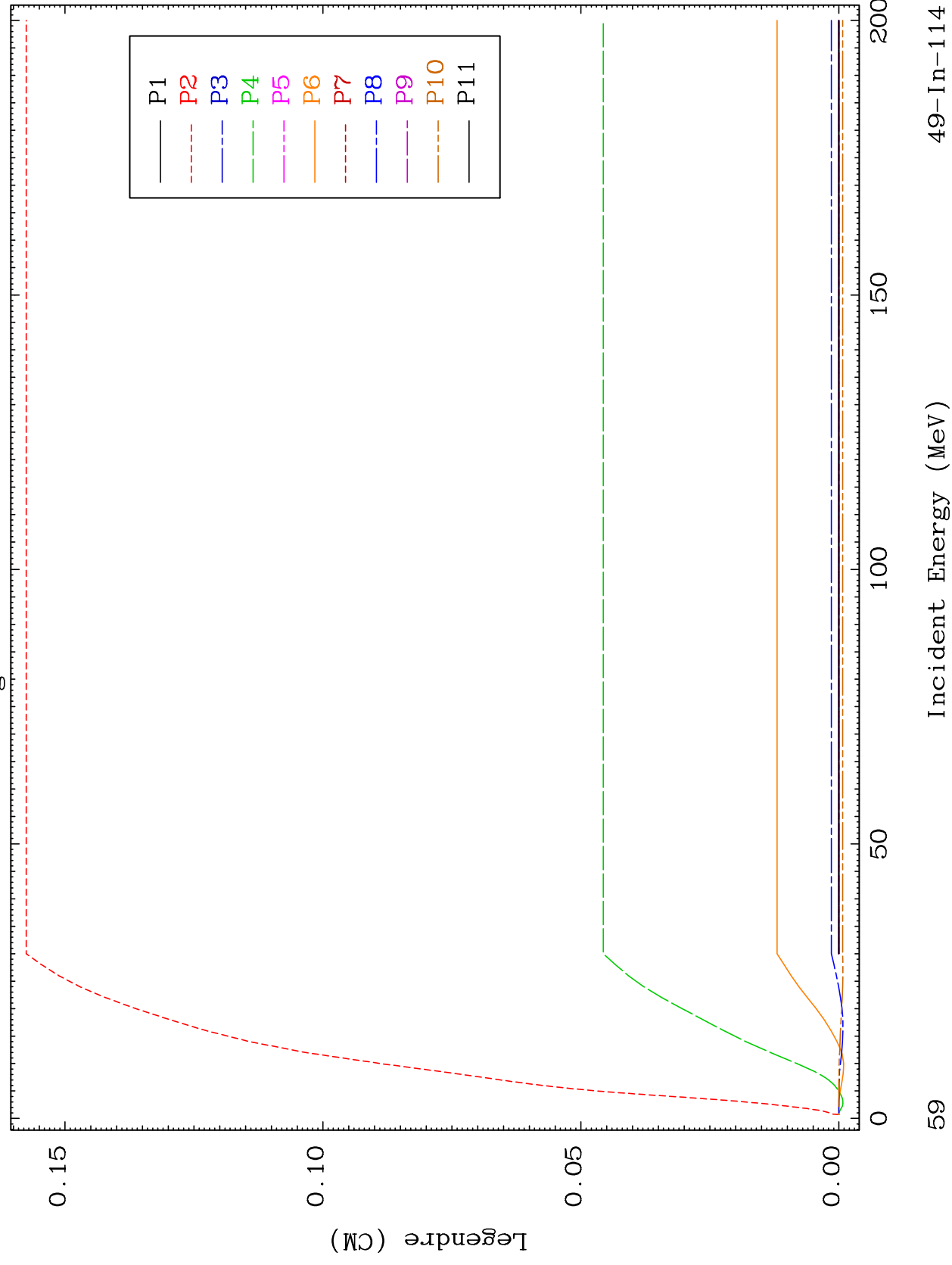
Legendre Coefficients

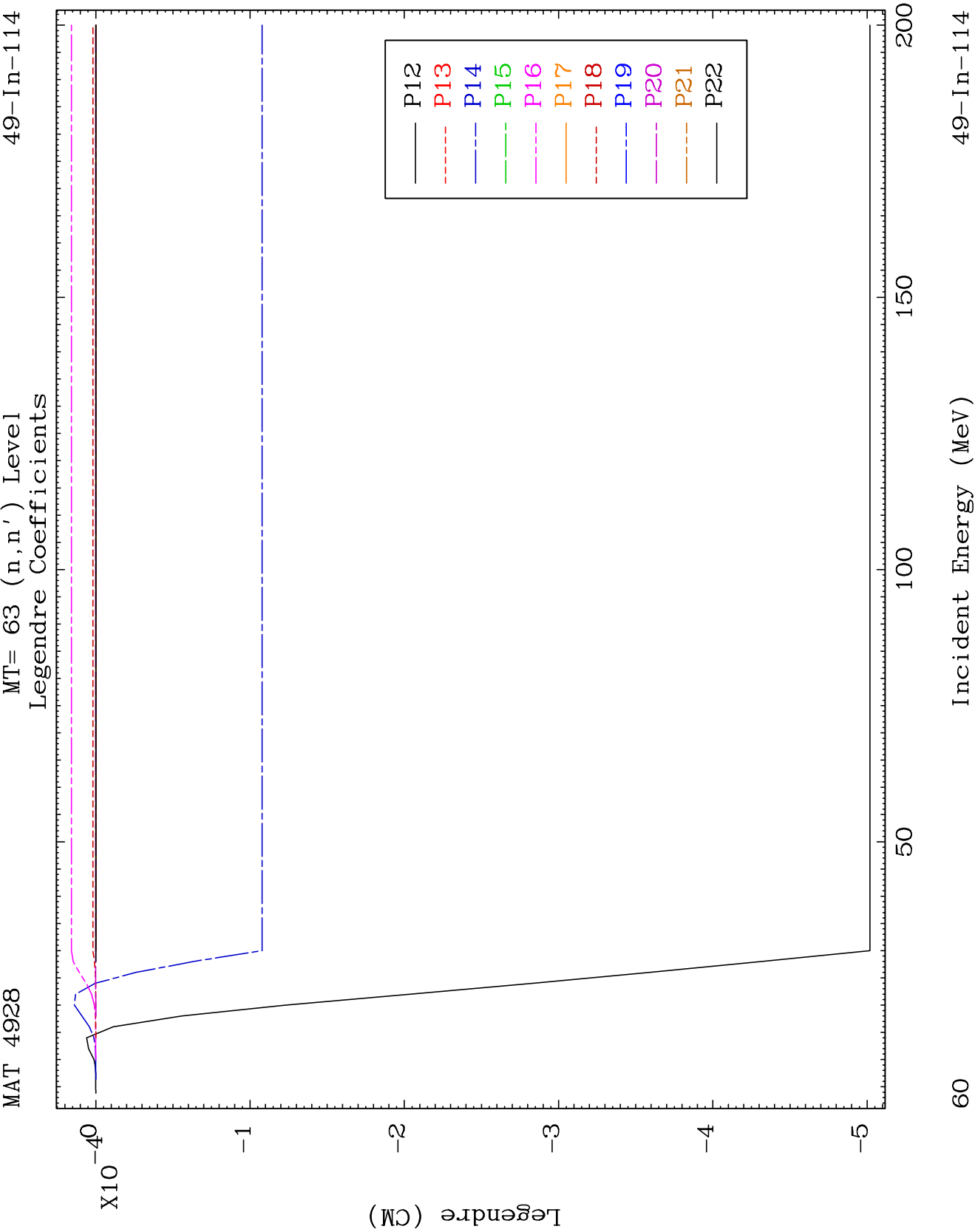


MAT 4928

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

49-In-114

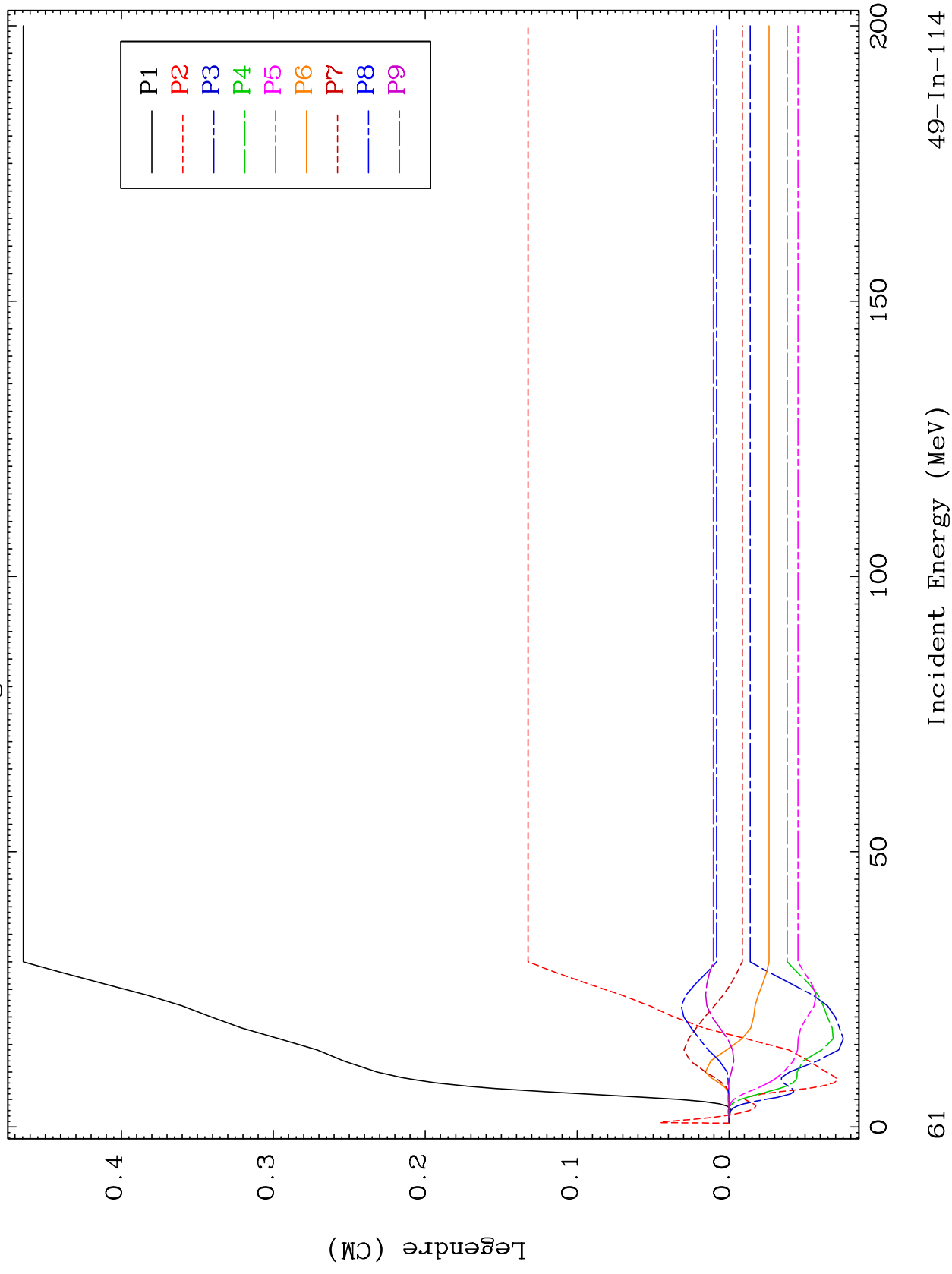


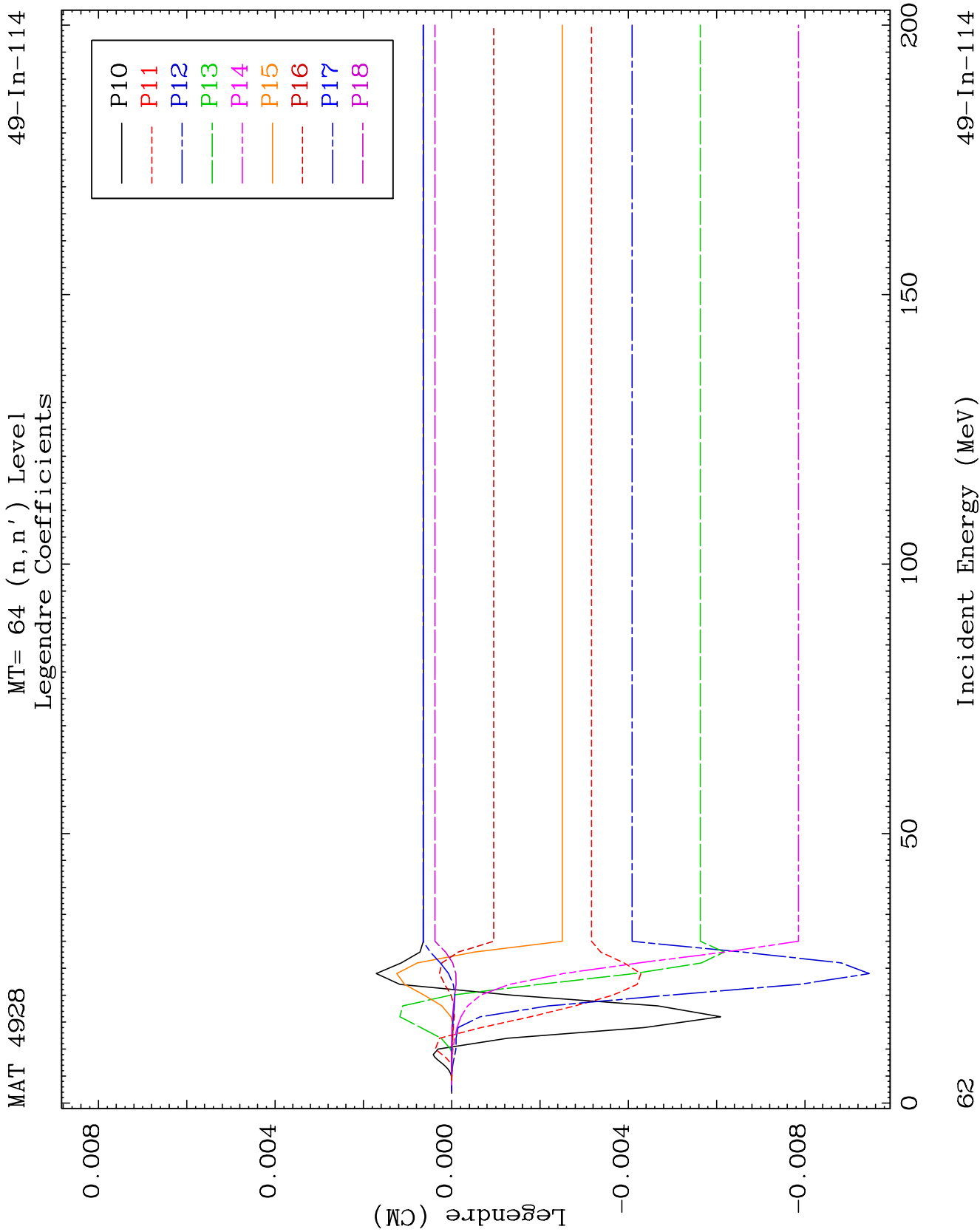


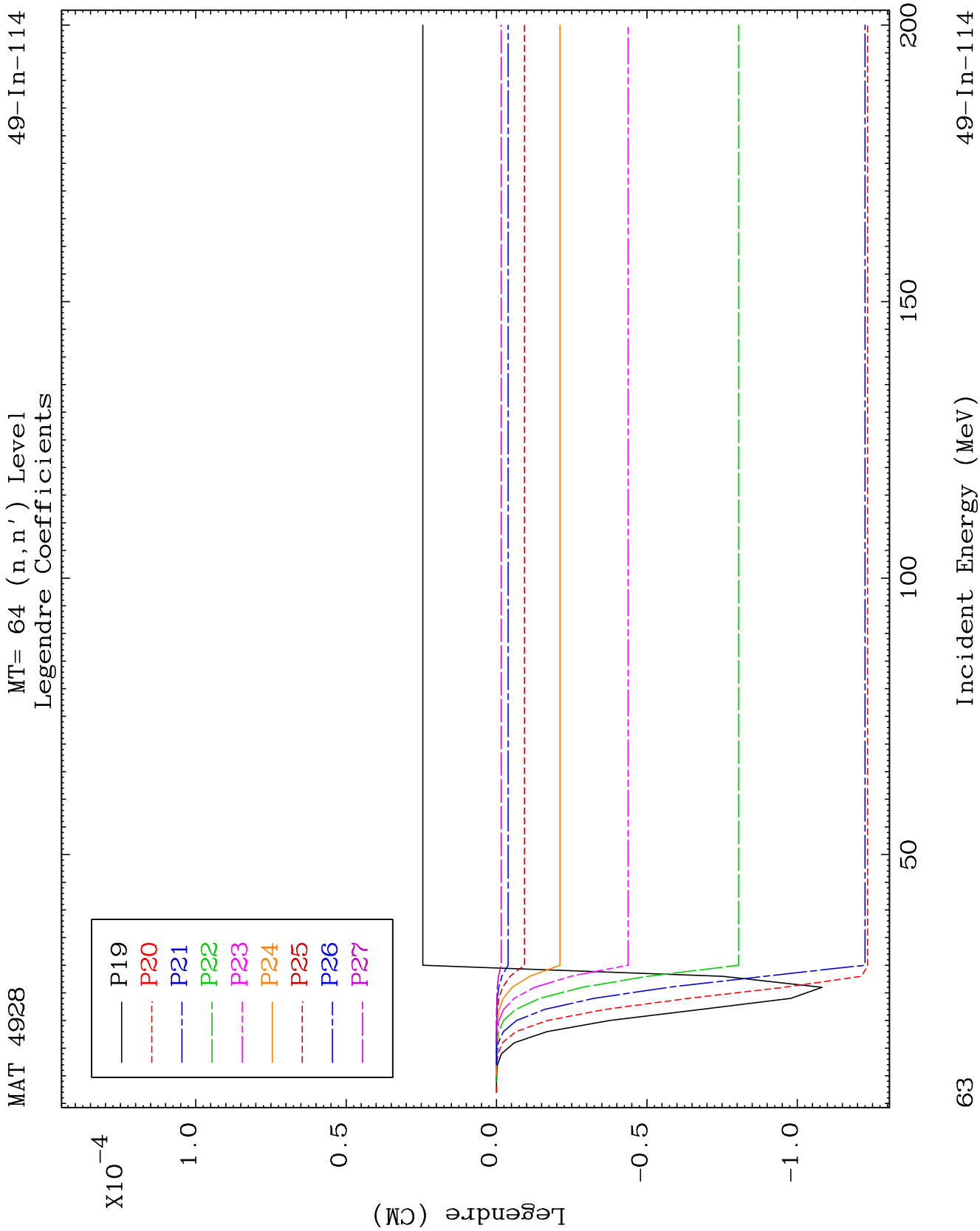
MAT 4928

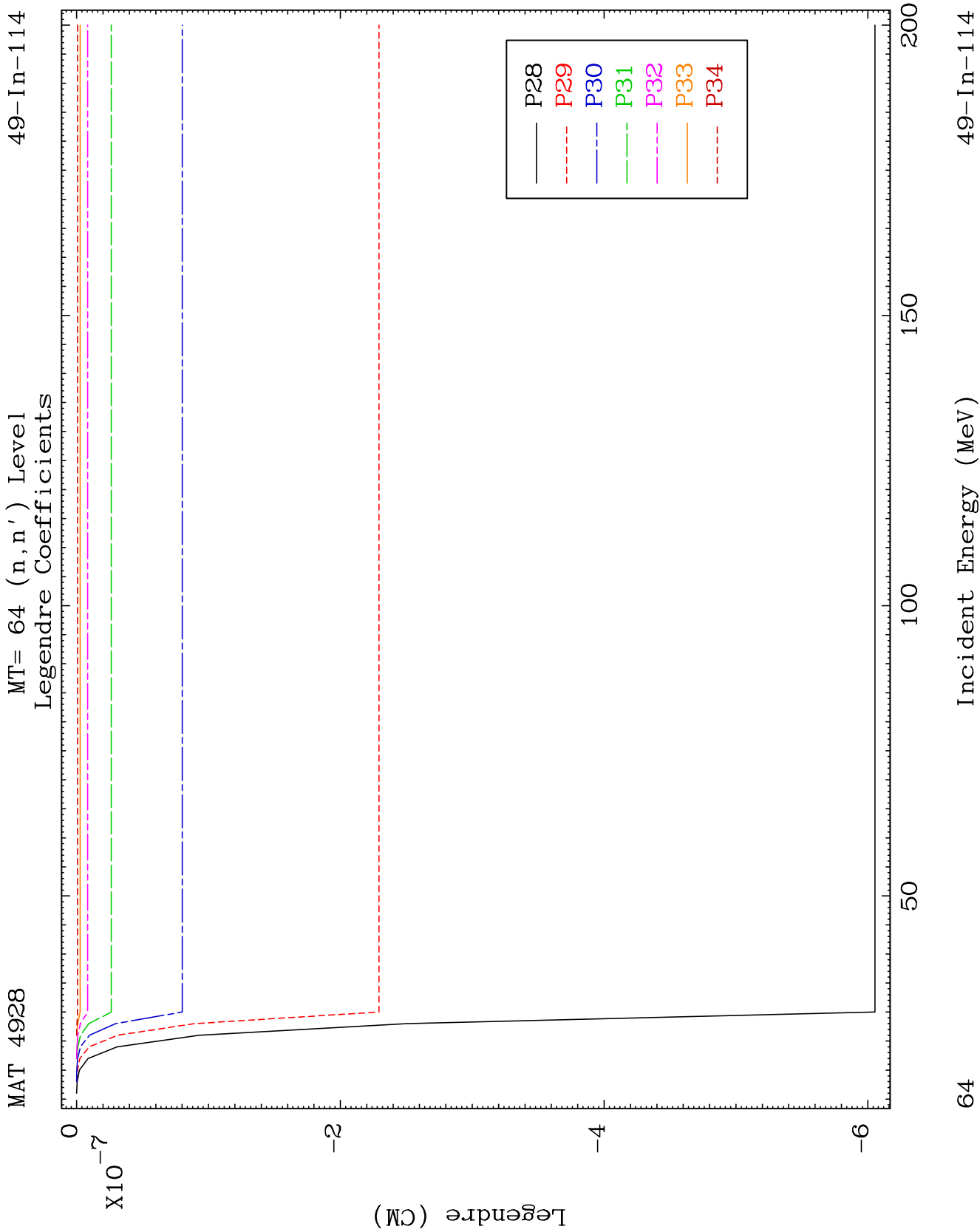
MT= 64 (n, n') Level
Legendre Coefficients

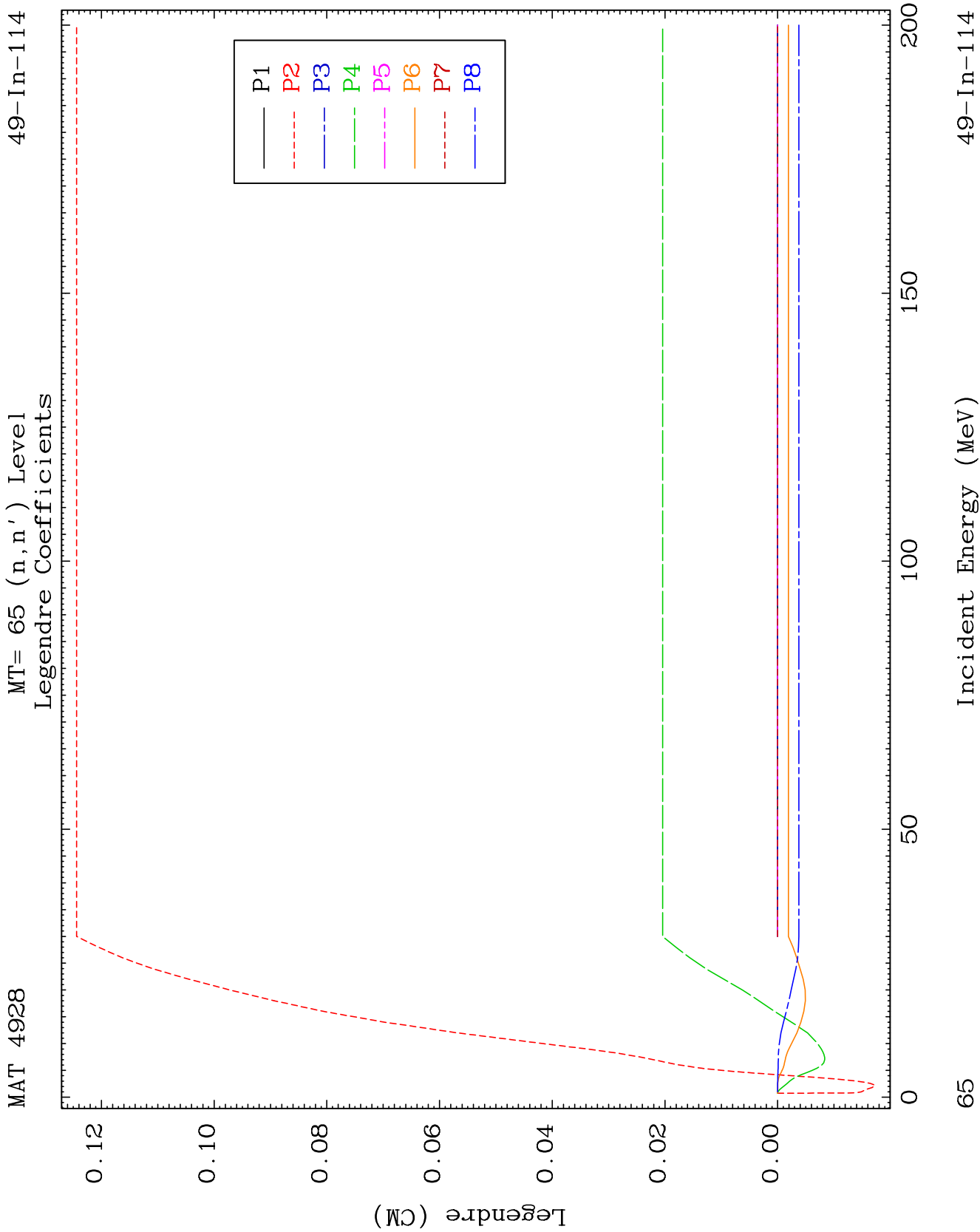
49-In-114

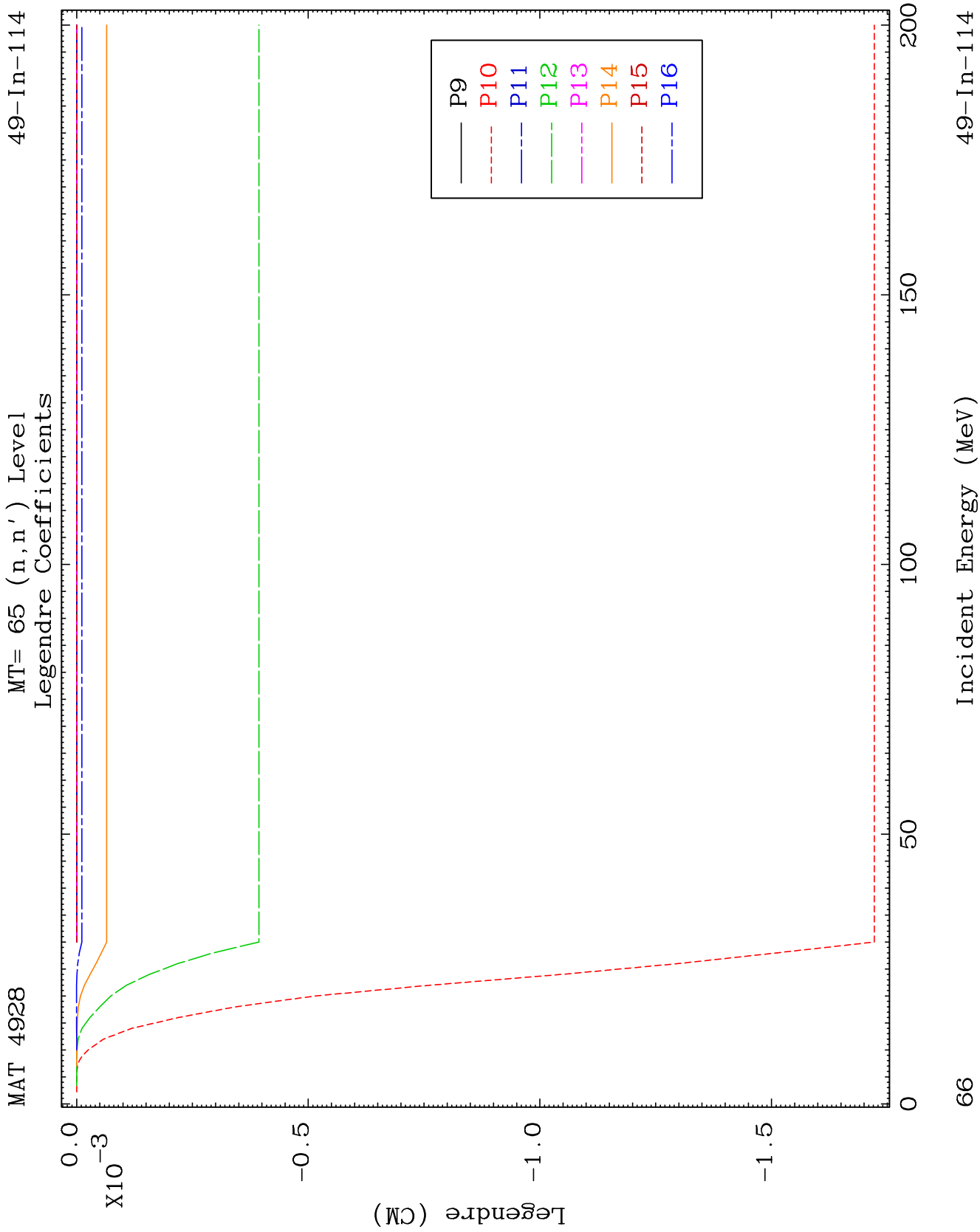








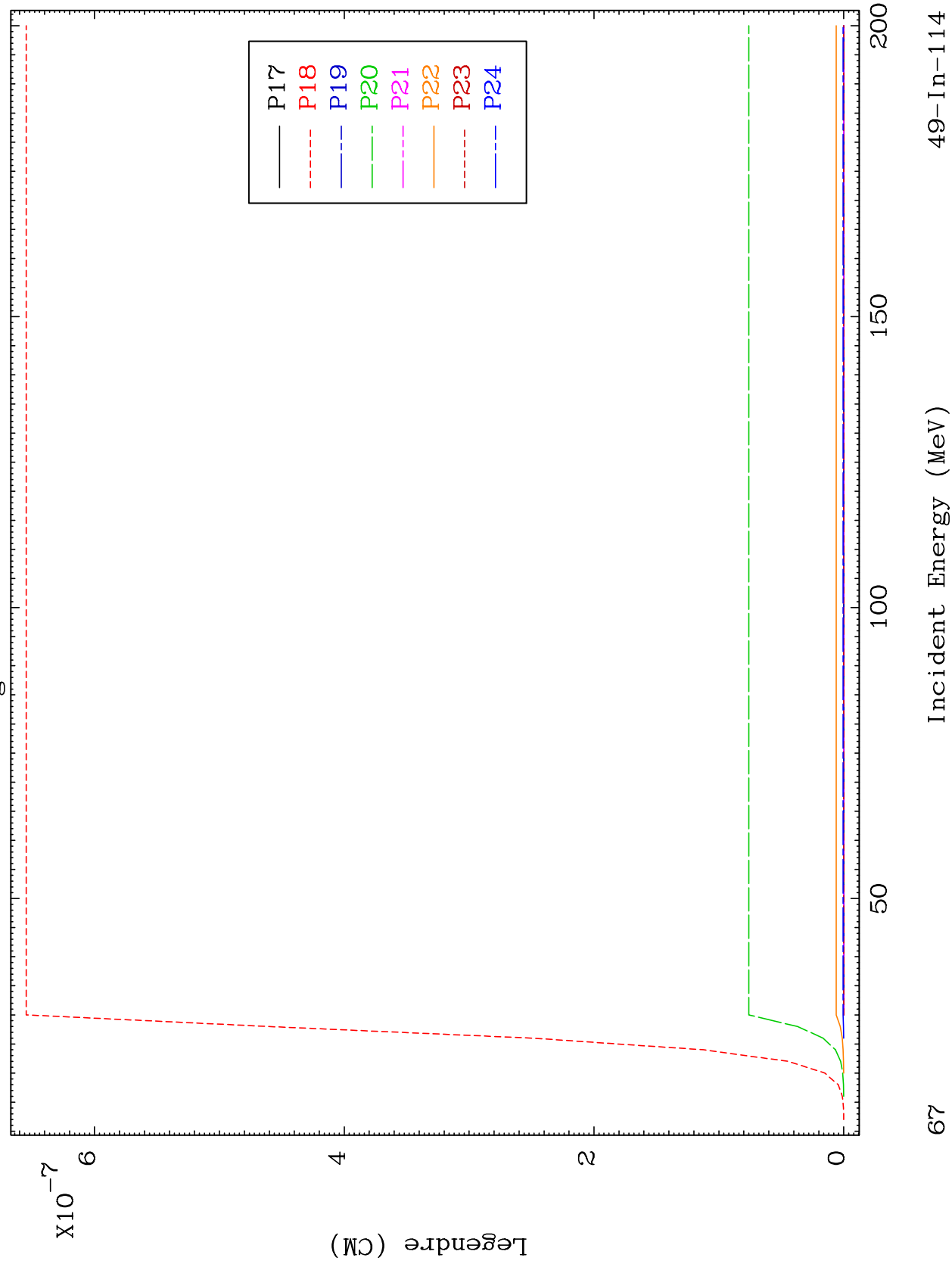


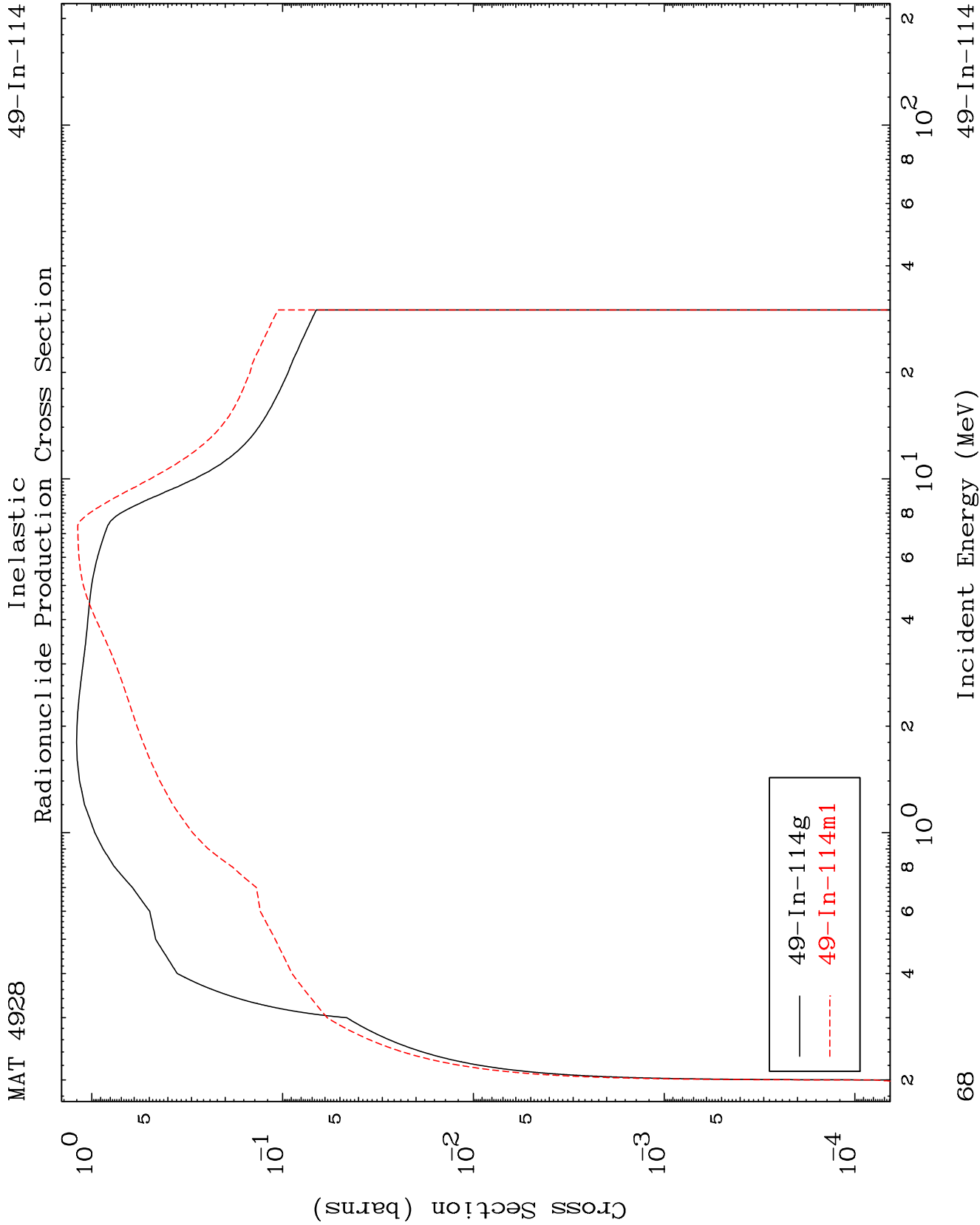


MAT 4928

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

49-In-114



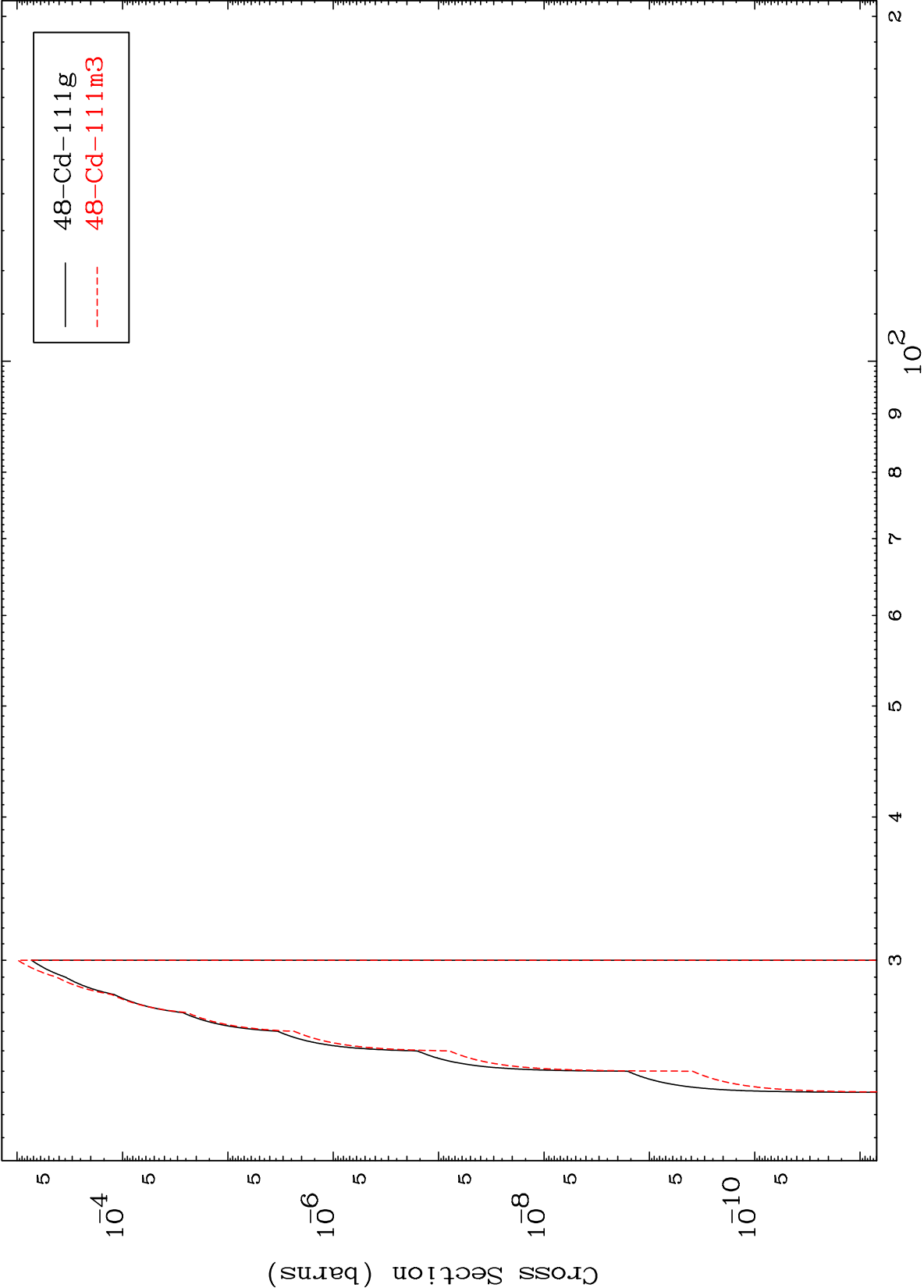


MAT 4928

(n,2n) d

49-In-114

Radionuclide Production Cross Section

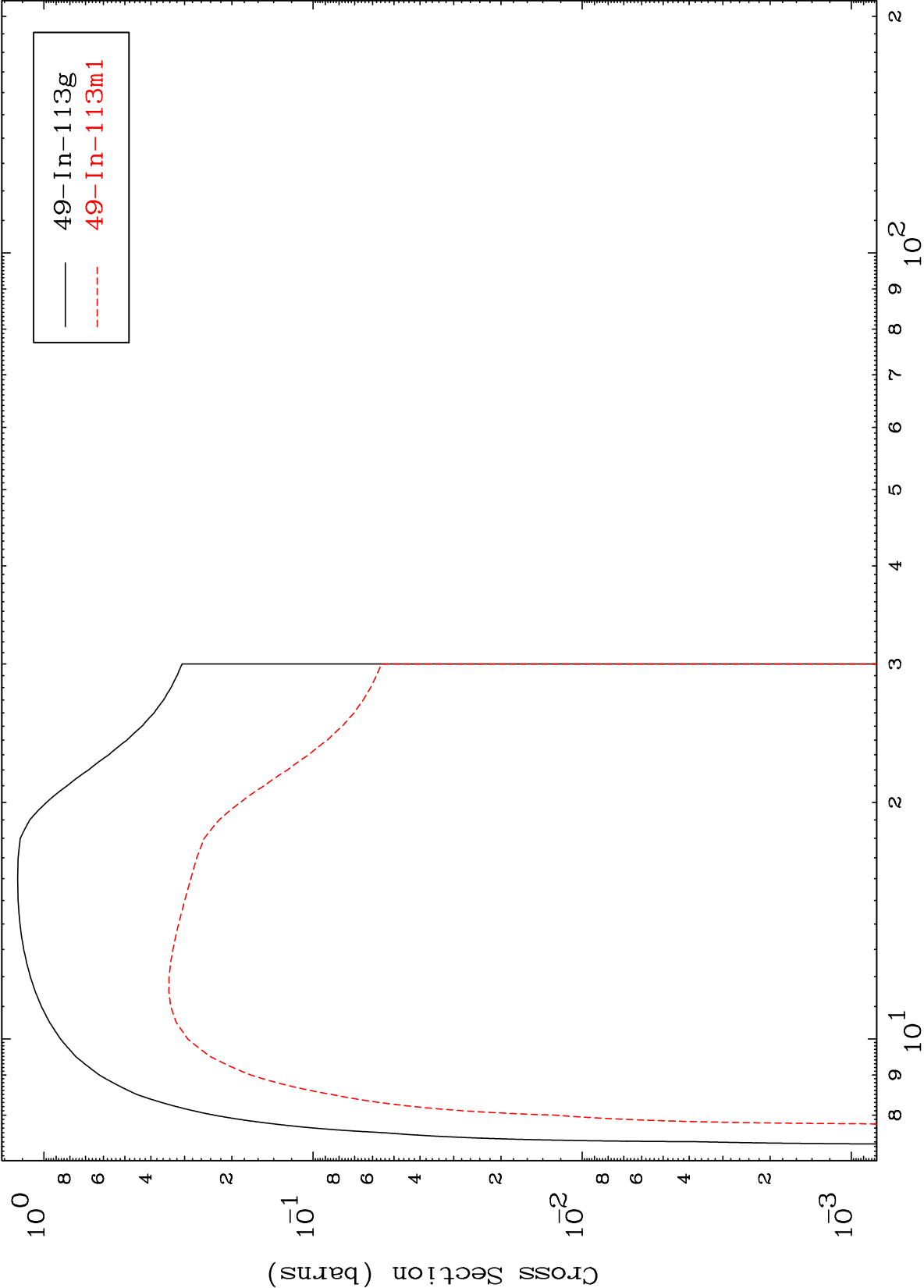


69

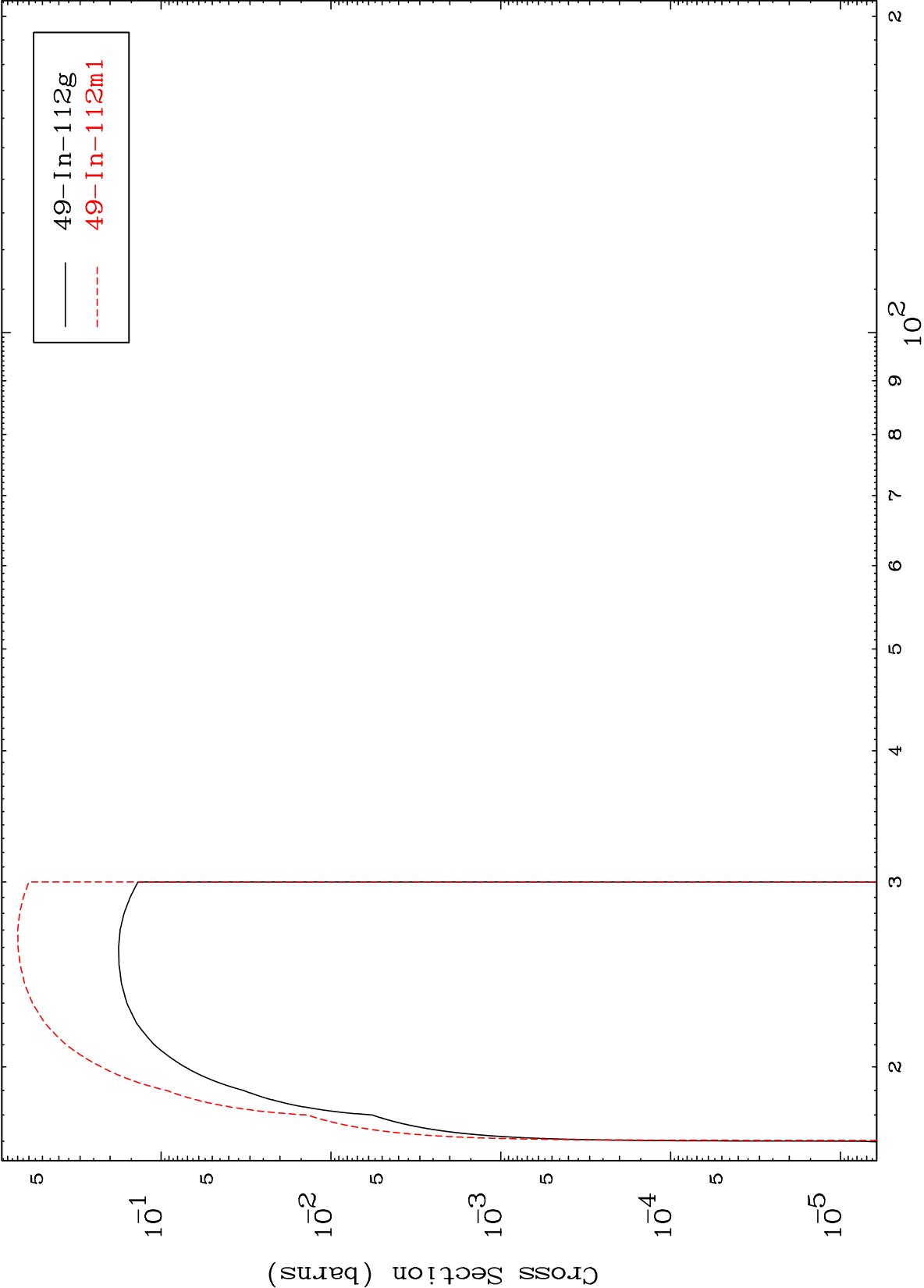
Incident Energy (MeV)

49-In-114

(n,2n)
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

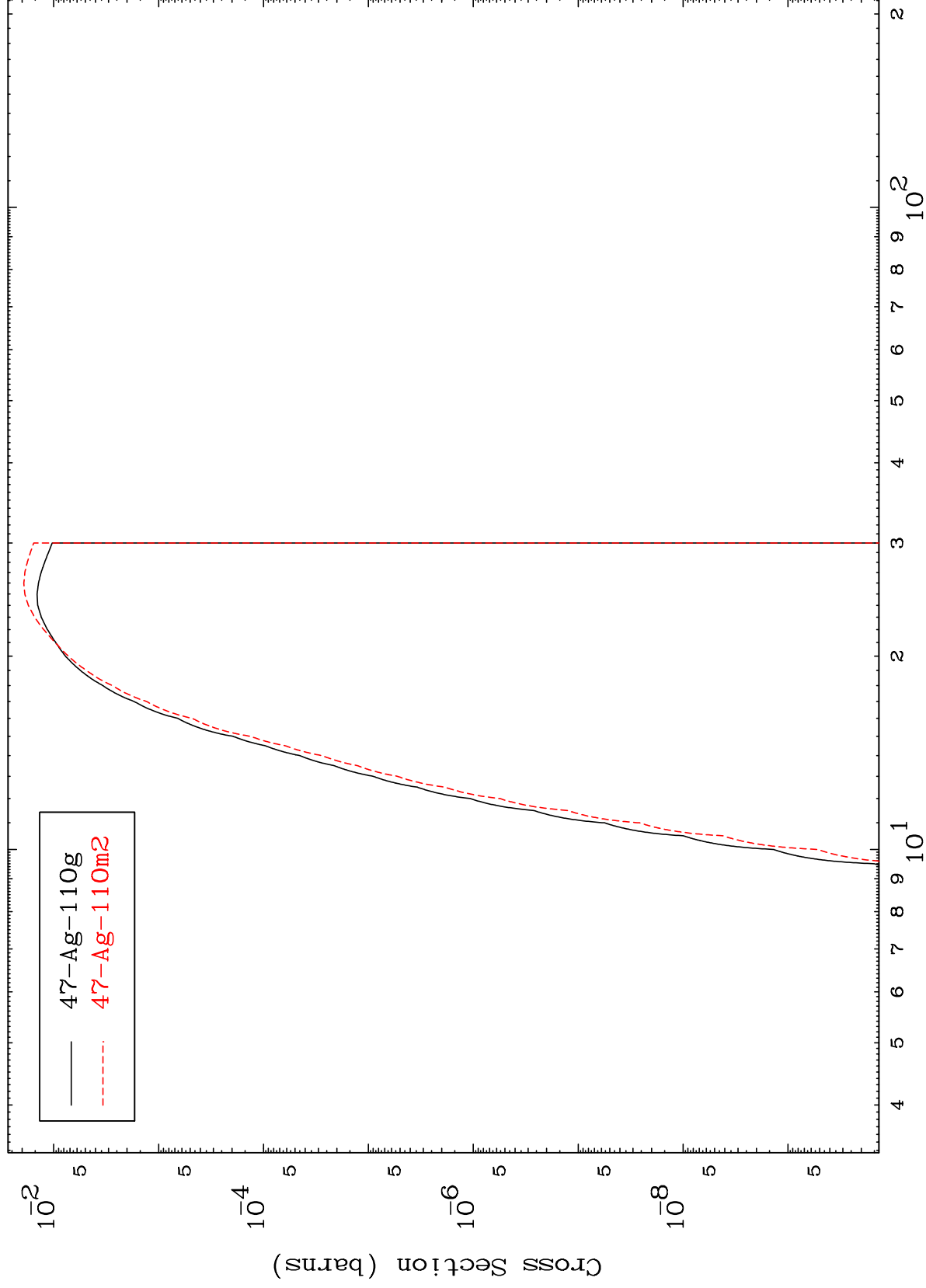


MAT 4928

49-In-114

(n,n') α

Radionuclide Production Cross Section



72

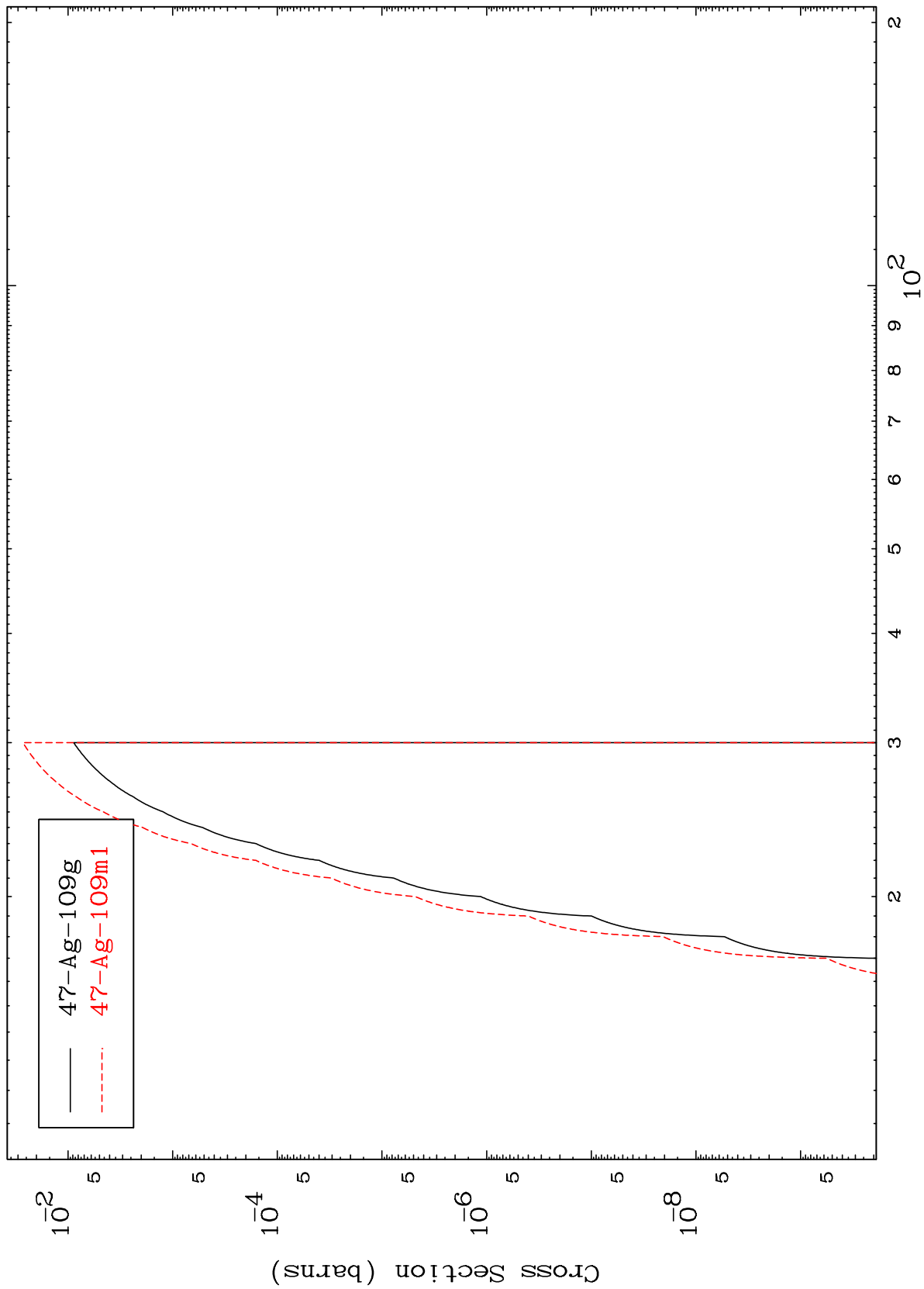
Incident Energy (MeV)

49-In-114

MAT 4928

49-In-114

Radionuclide Production Cross Section
(n,2n) α



73

Incident Energy (MeV)

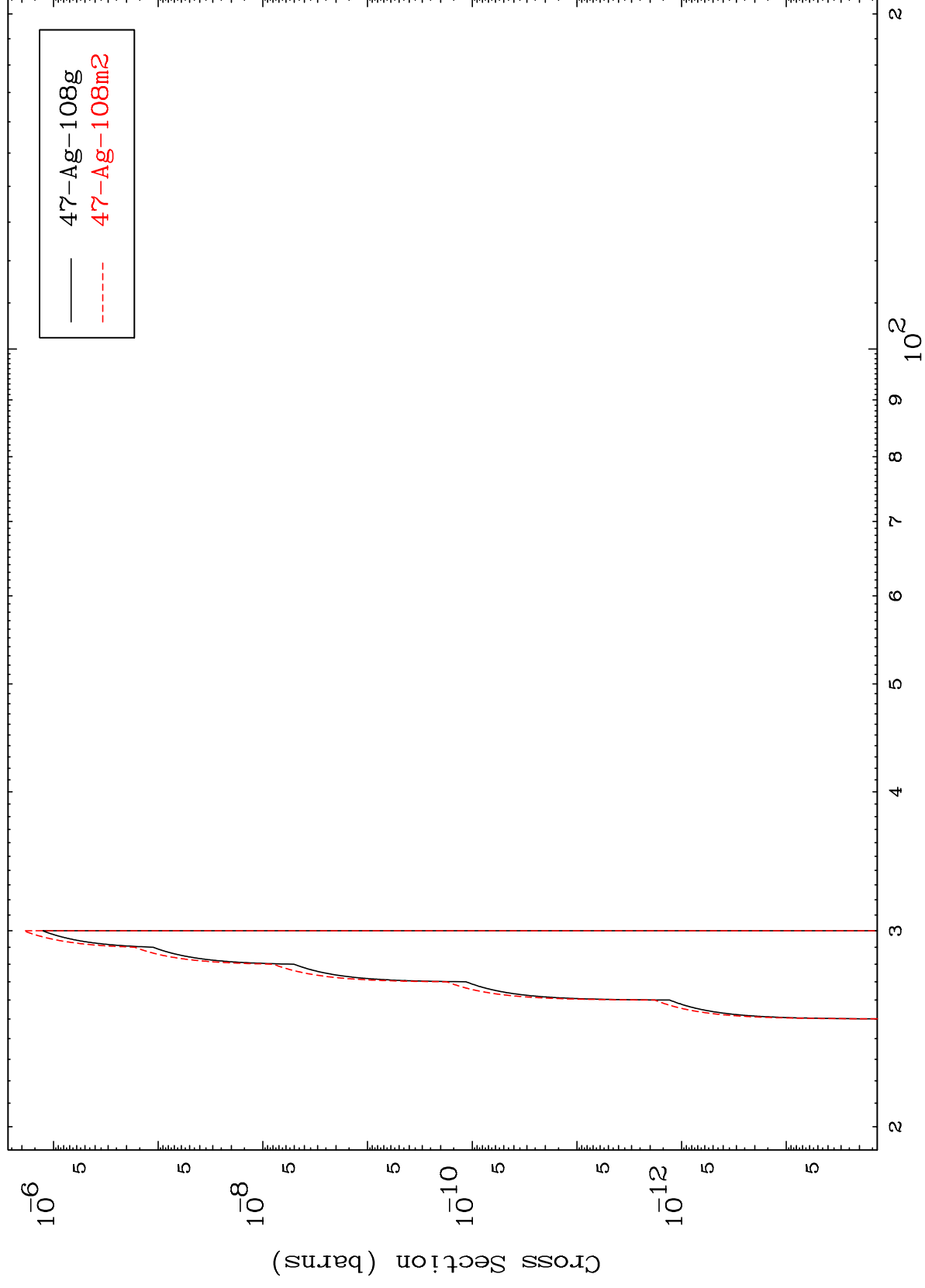
49-In-114

MAT 4928

$$(n, 3n) \propto$$

49-In-114

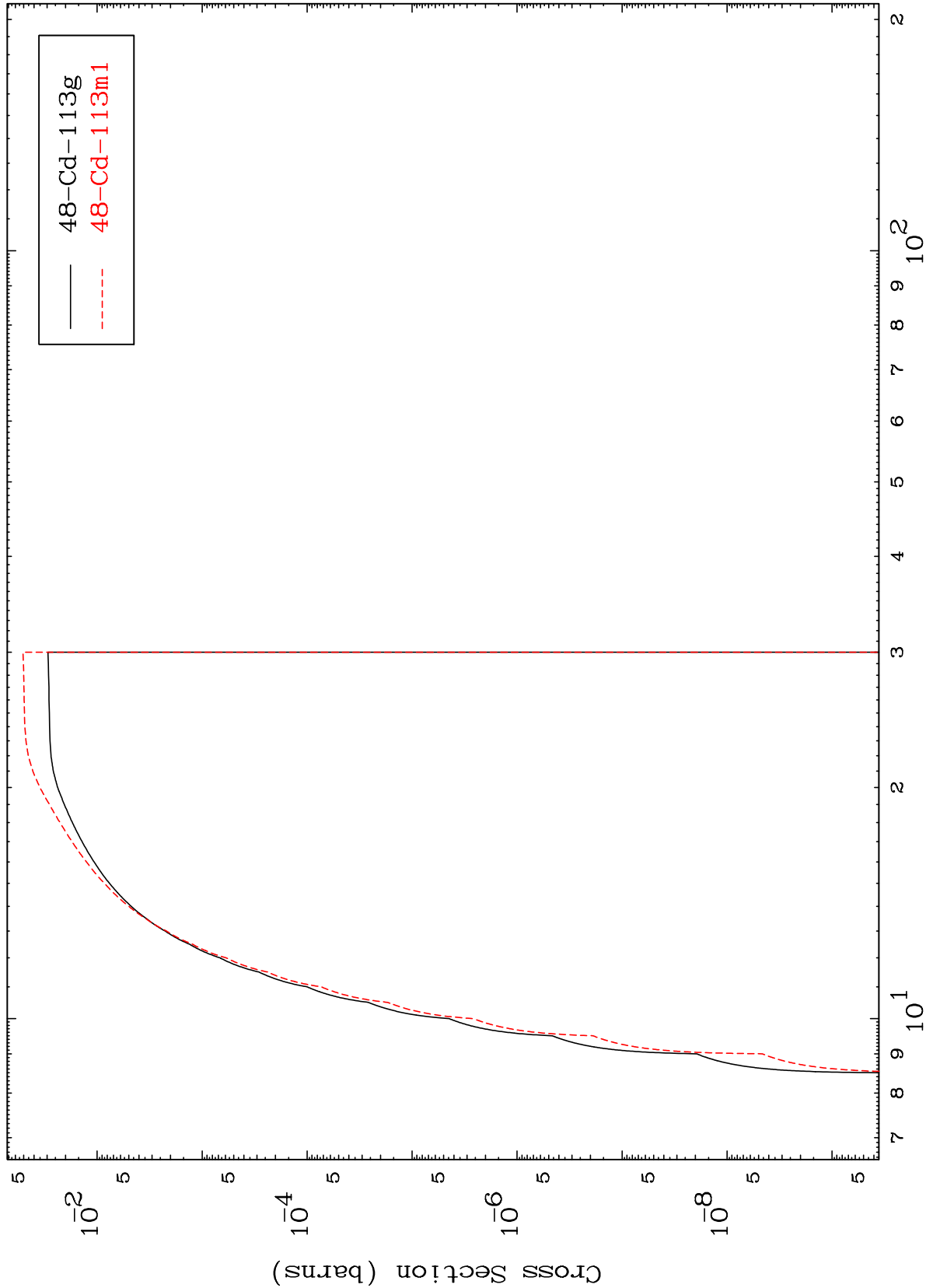
Radionuclide Production Cross Section



MAT 4928

49-In-114

(n,n') p
Radionuclide Production Cross Section



75

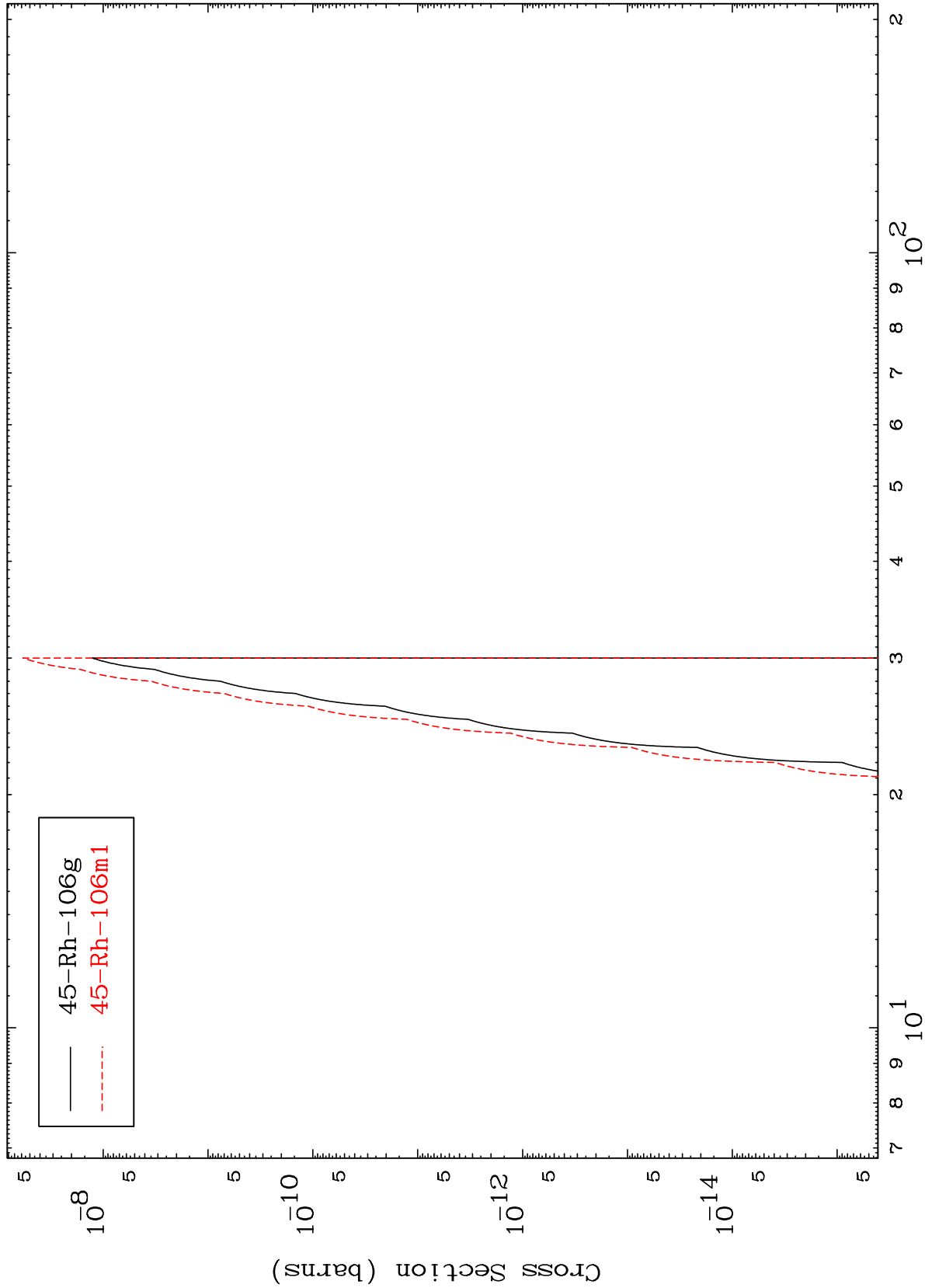
Incident Energy (MeV)

49-In-114

MAT 4928

49-In-114

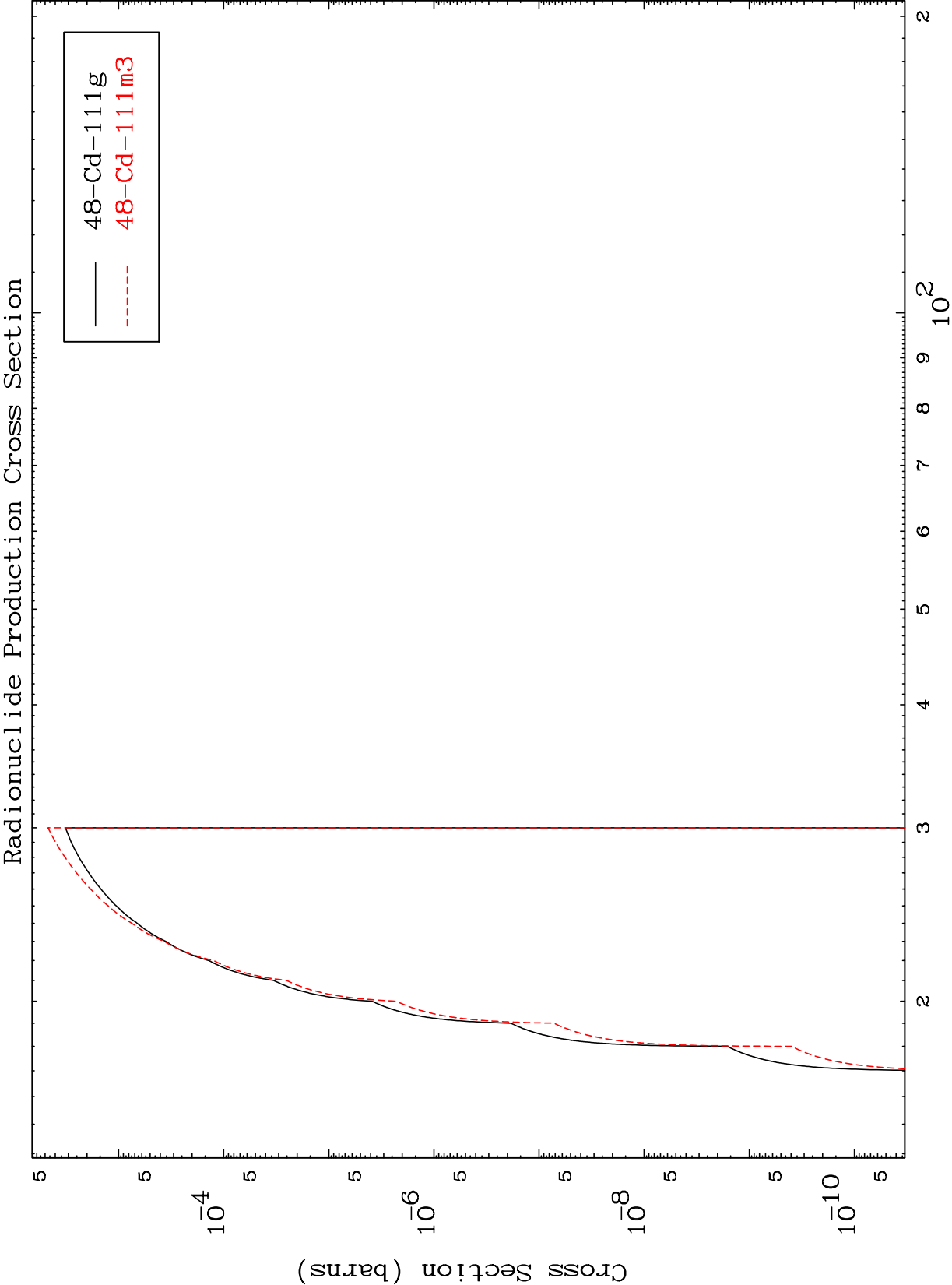
(n,n') 2 α
Radionuclide Production Cross Section

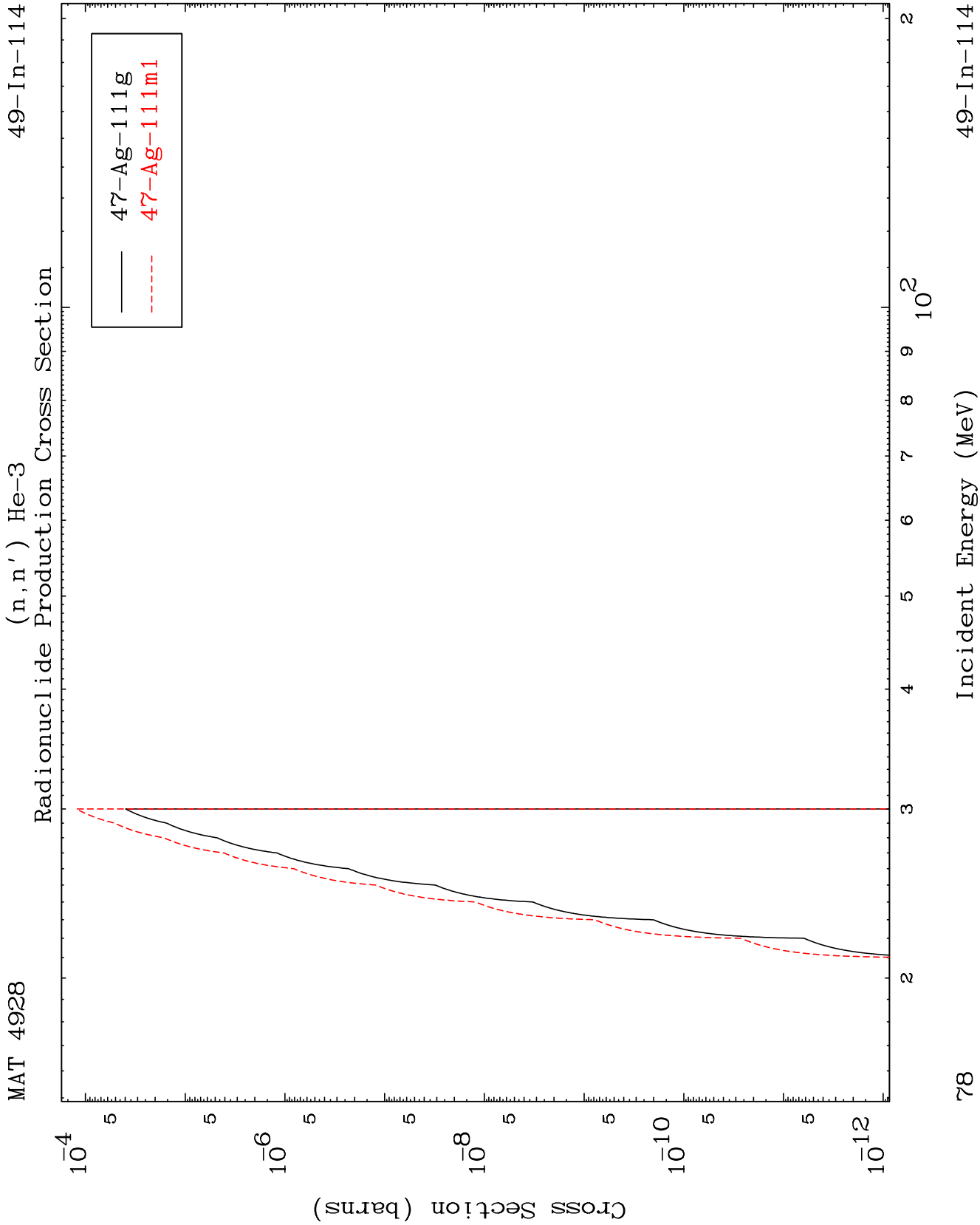


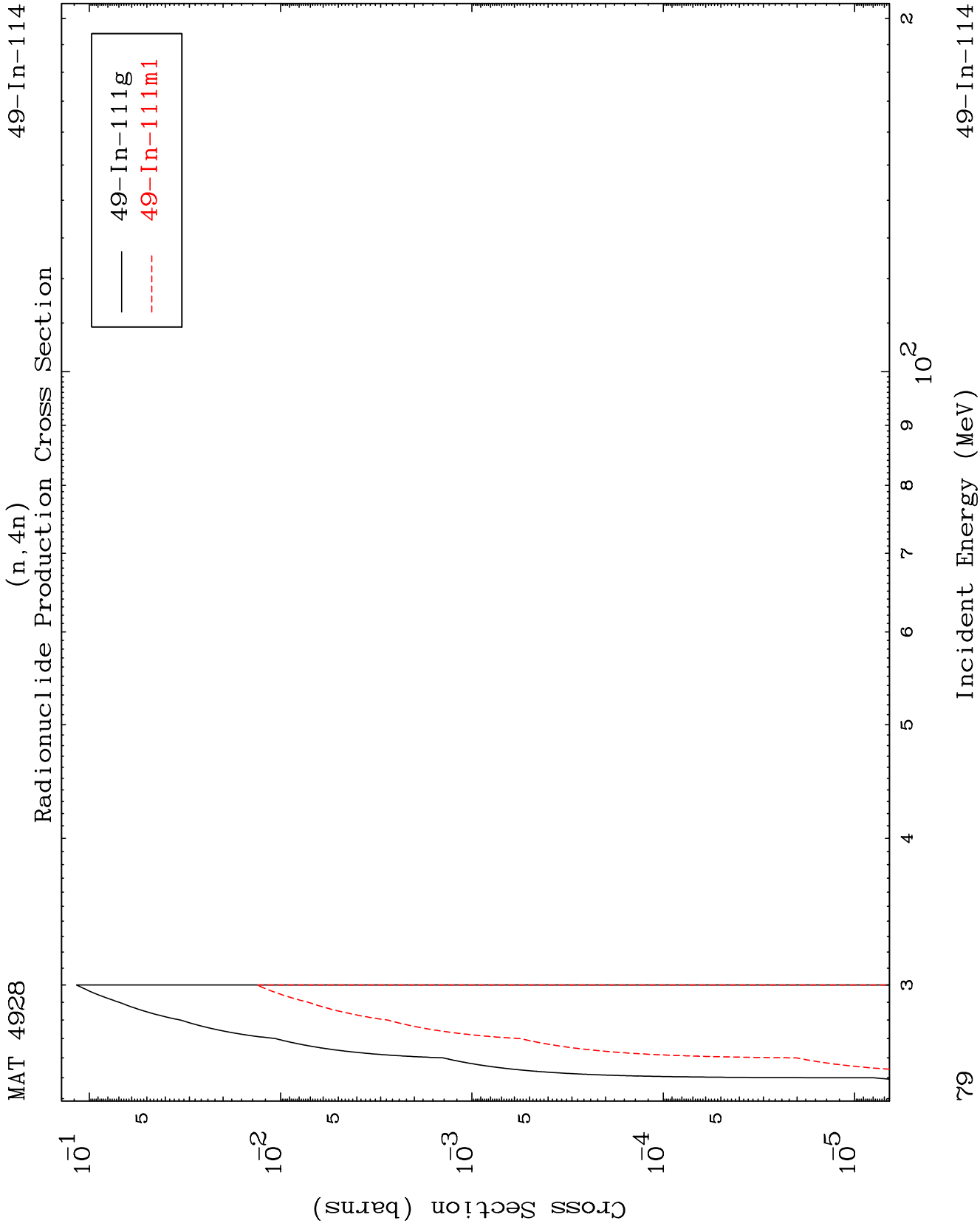
49-In-114

Incident Energy (MeV)

76



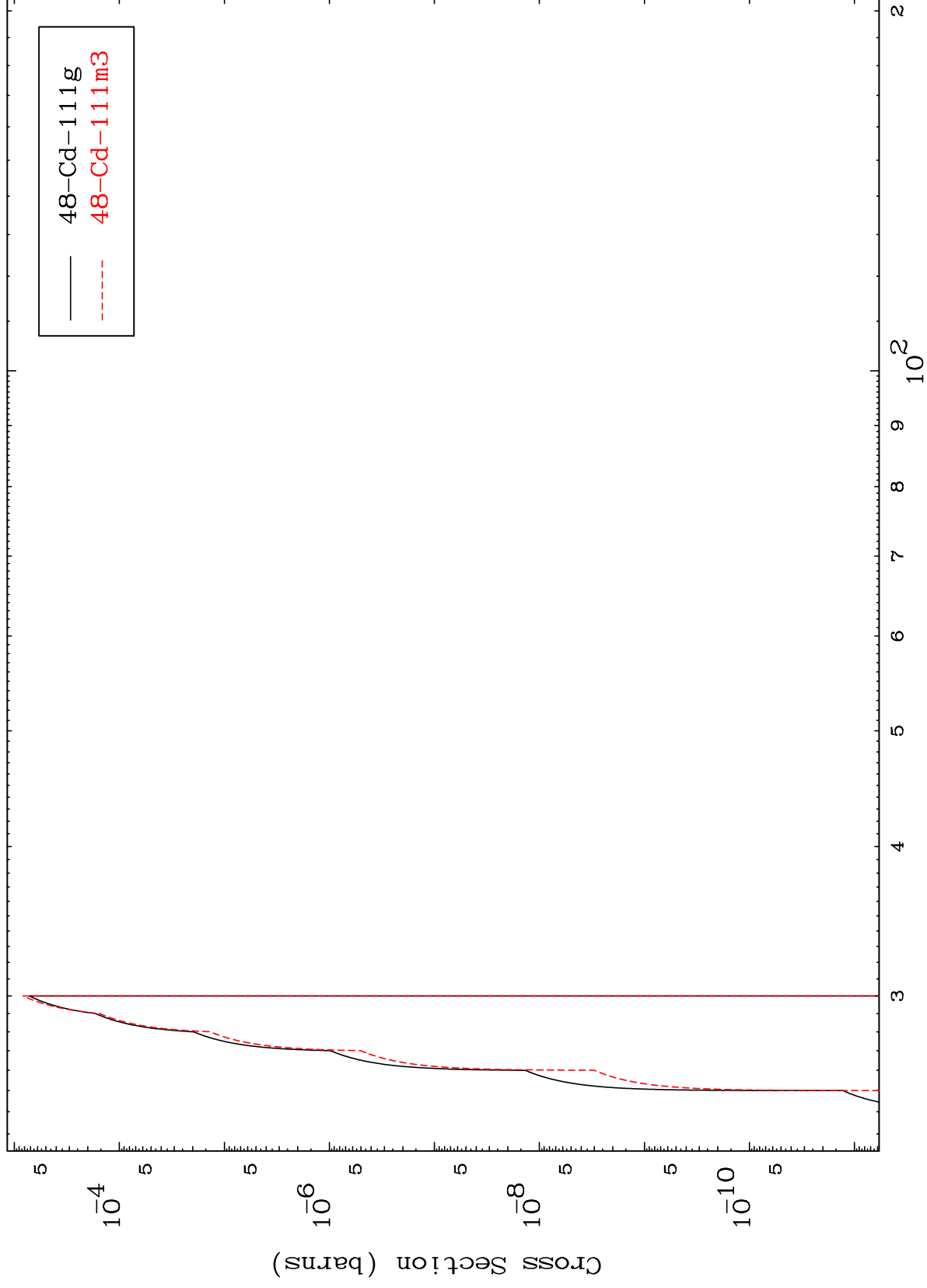




MAT 4928

49-In-114

(n,3n) p
Radionuclide Production Cross Section

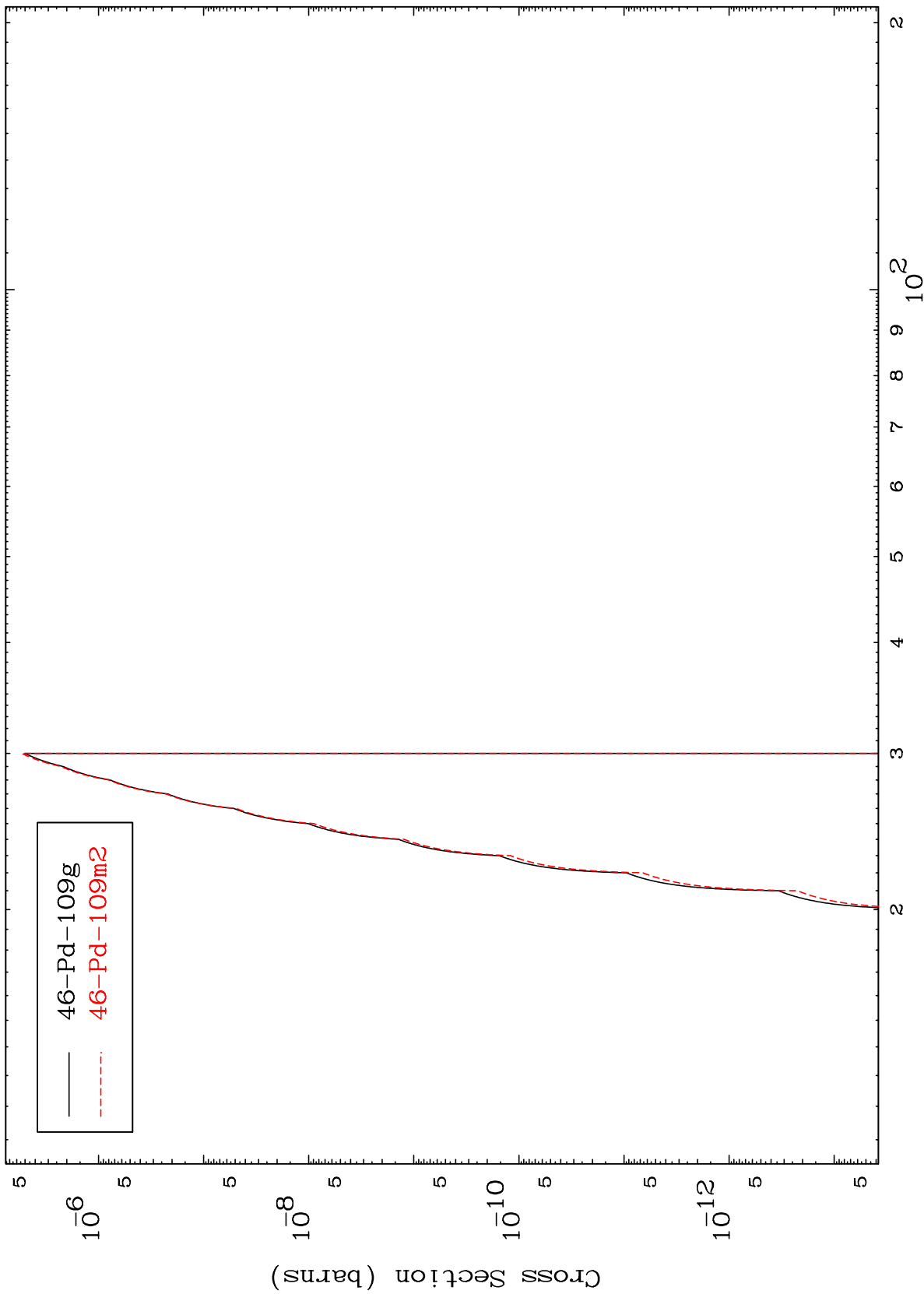


80

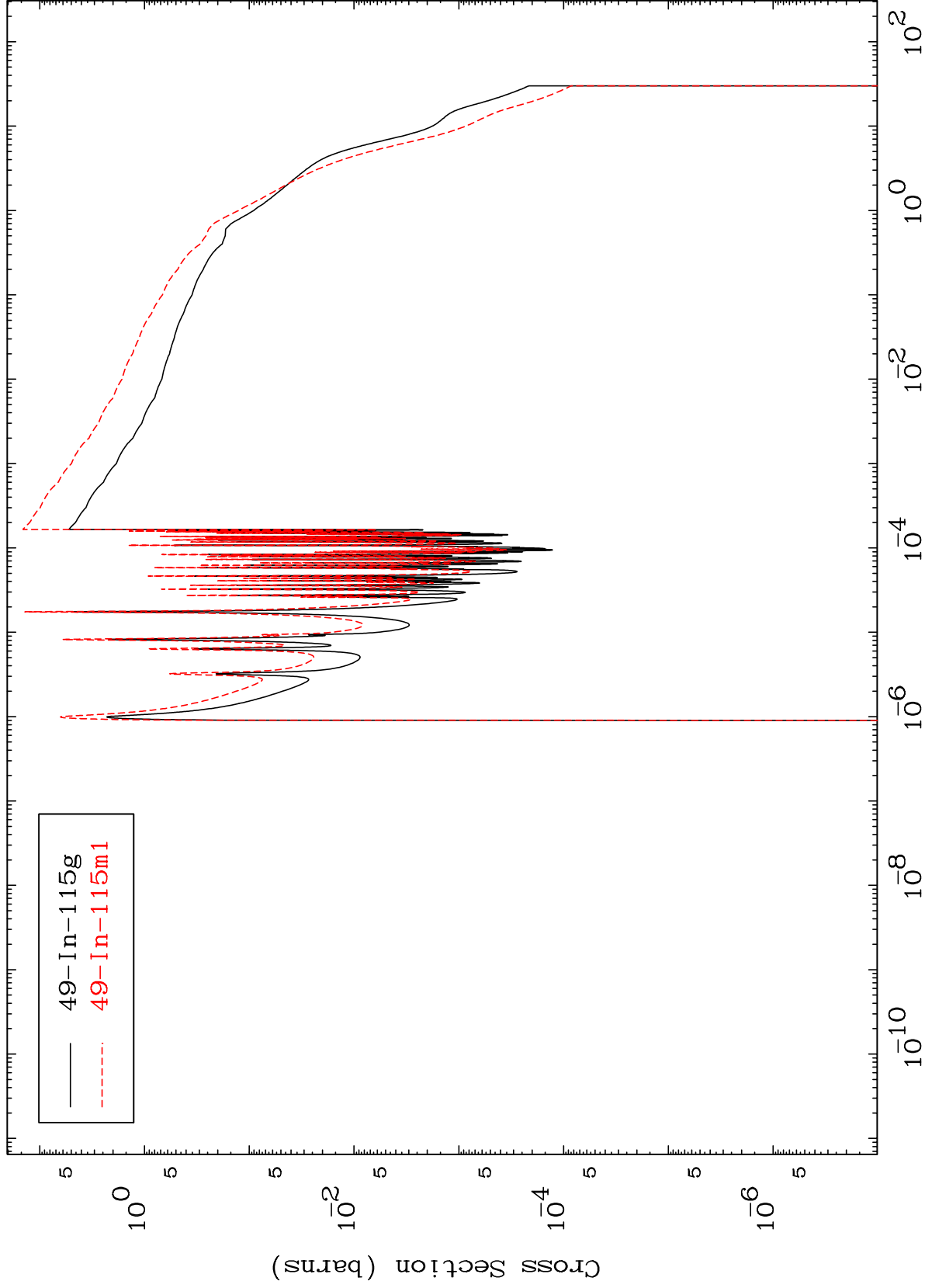
Incident Energy (MeV)

49-In-114

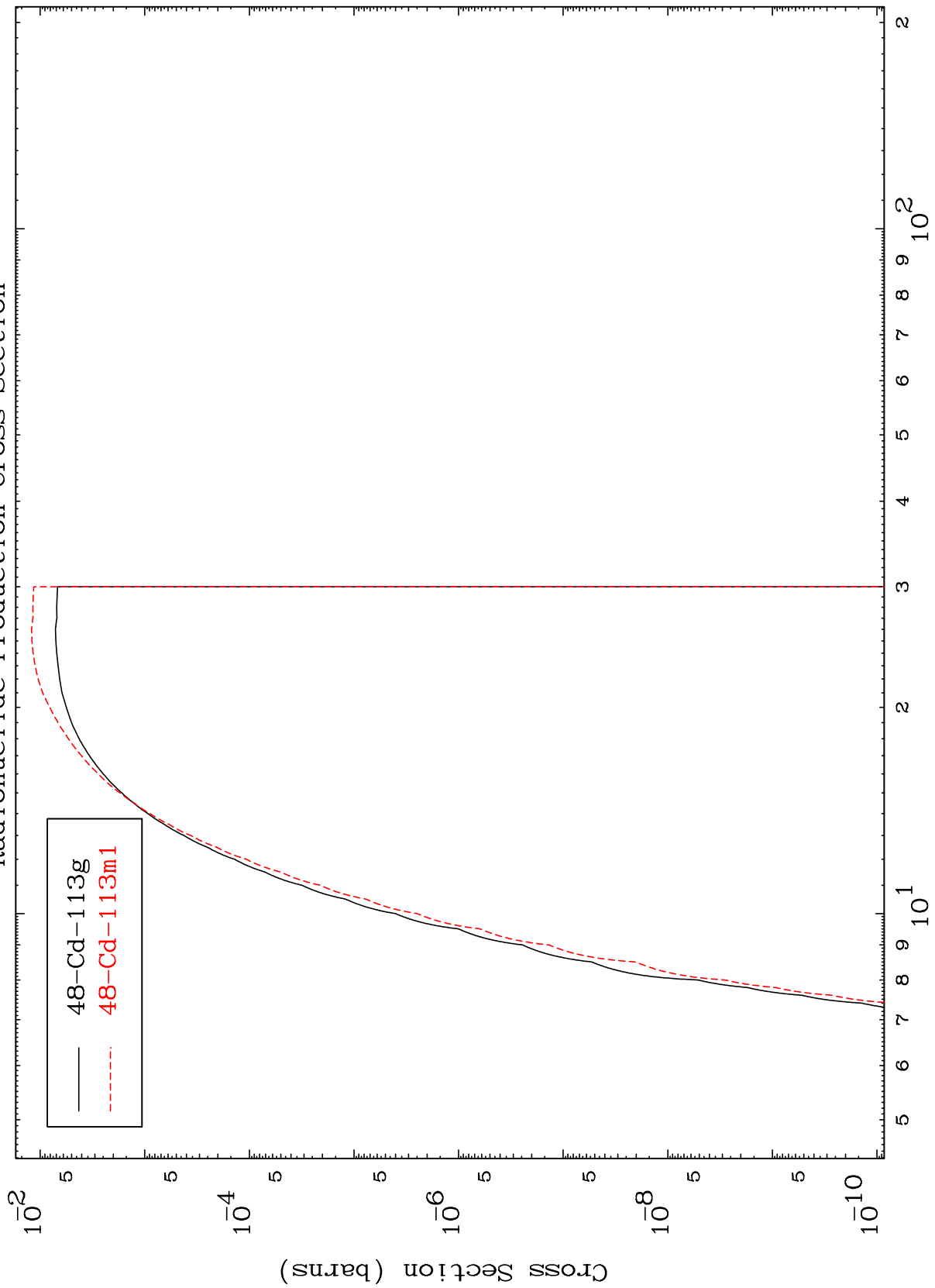
Radionuclide Production Cross Section
(n,n') p α



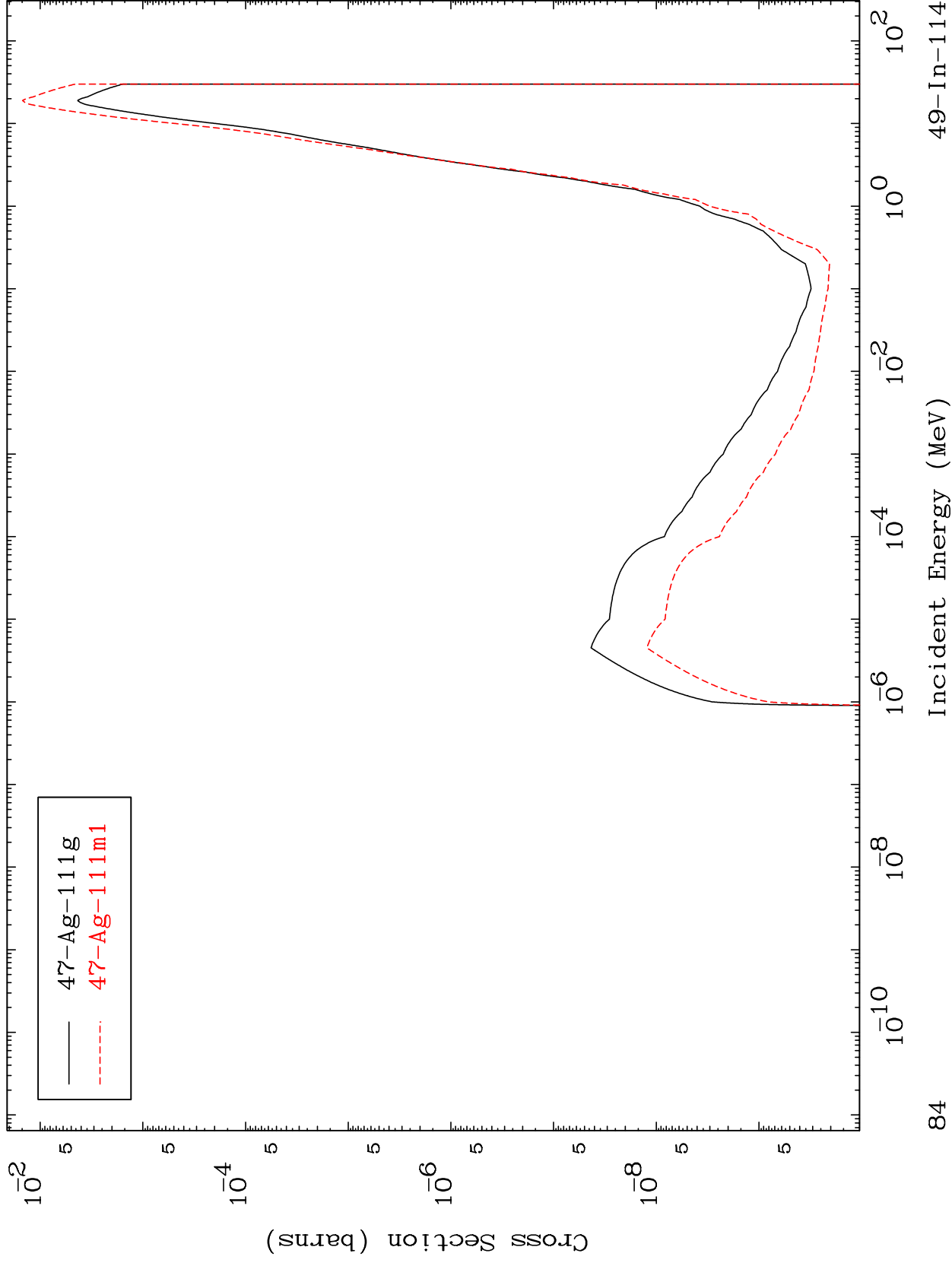
Radionuclide Production Cross Section (n, γ)



(n,d)
Radionuclide Production Cross Section



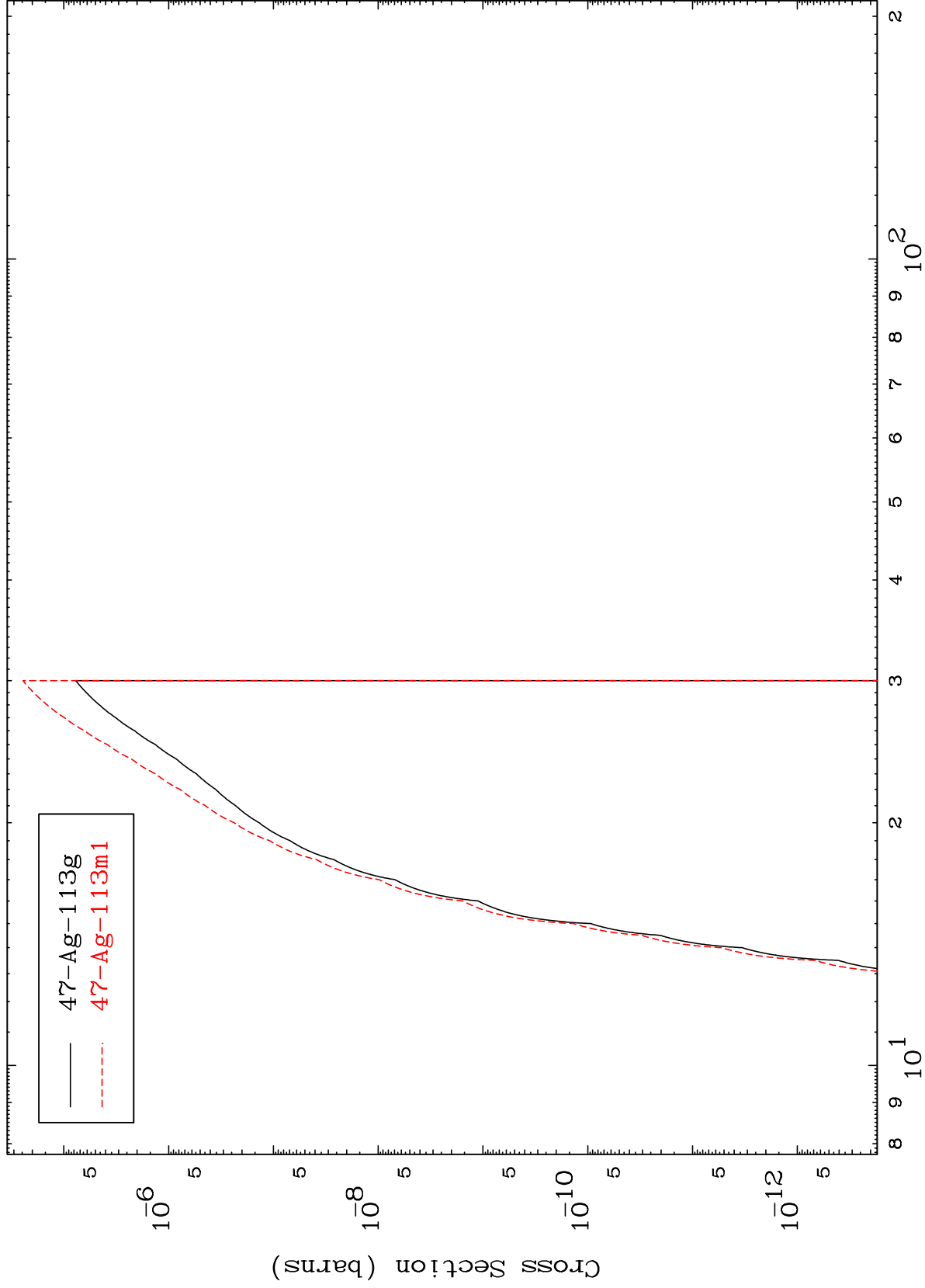
Radionuclide Production Cross Section (n,α)



MAT 4928

49-In-114

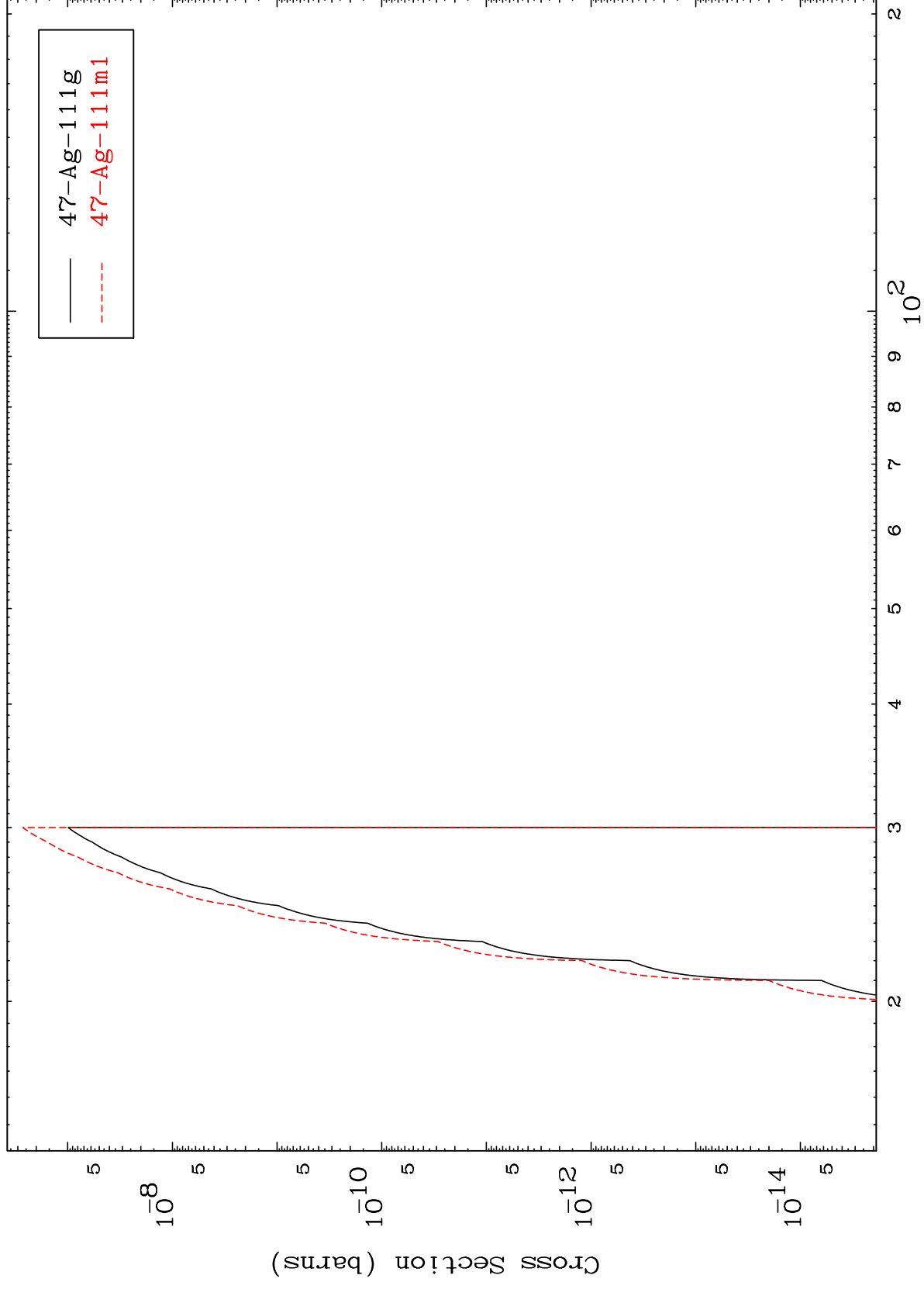
(n,2p)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

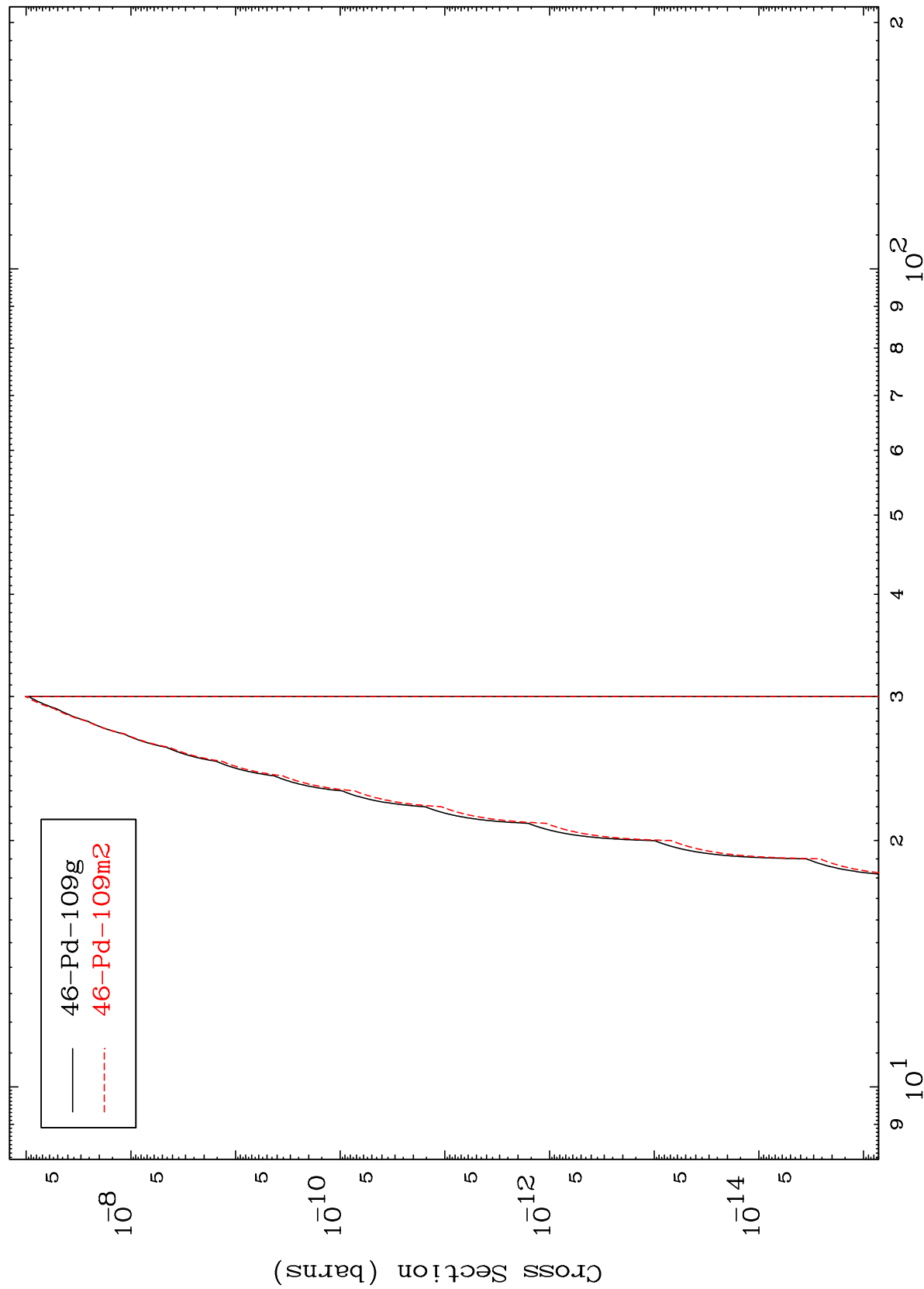
49-In-114

(n,p) t
Radionuclide Production Cross Section

MAT 4928

49-In-114

(n,d) α
Radionuclide Production Cross Section



87

Incident Energy (MeV)

49-In-114