

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

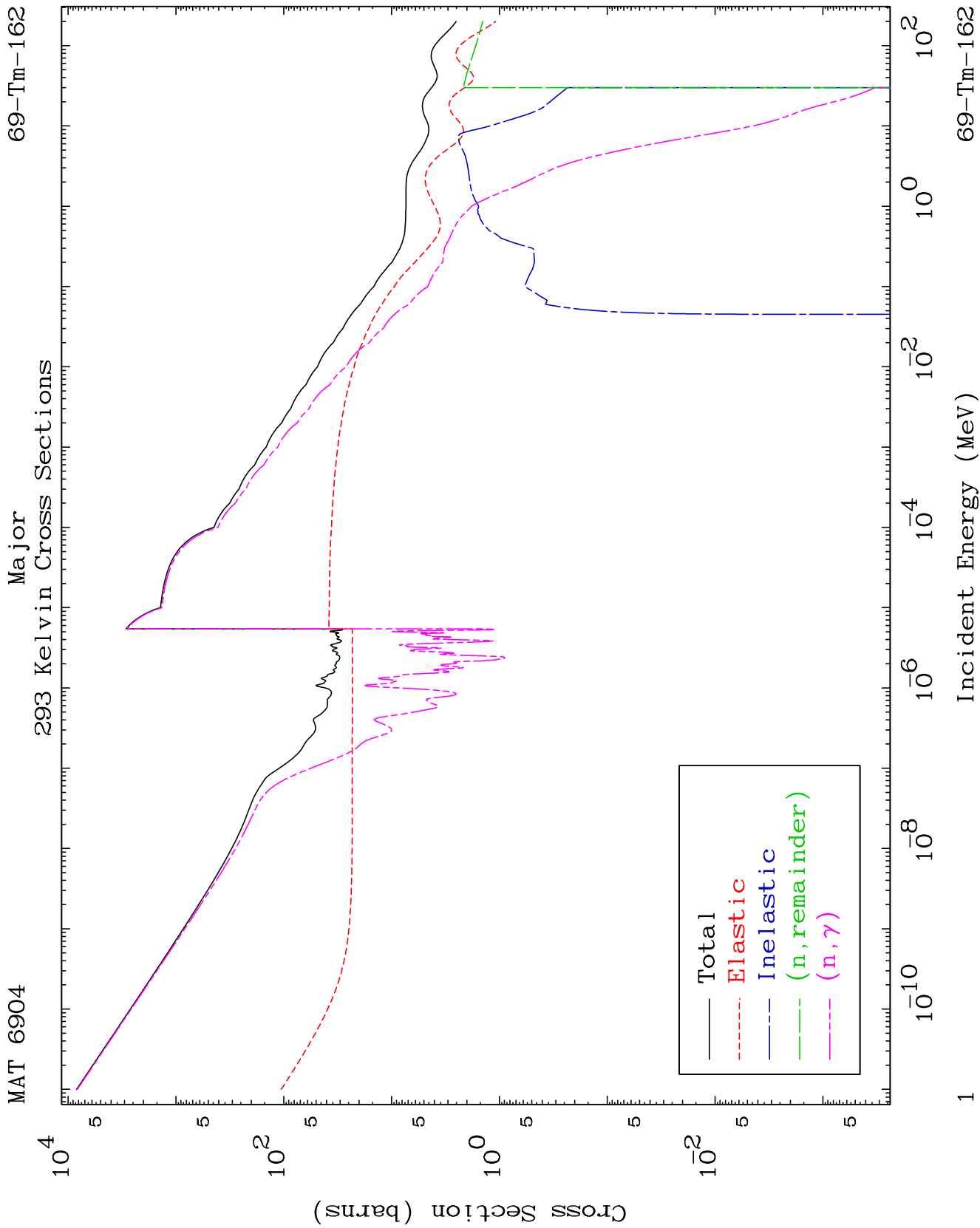
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

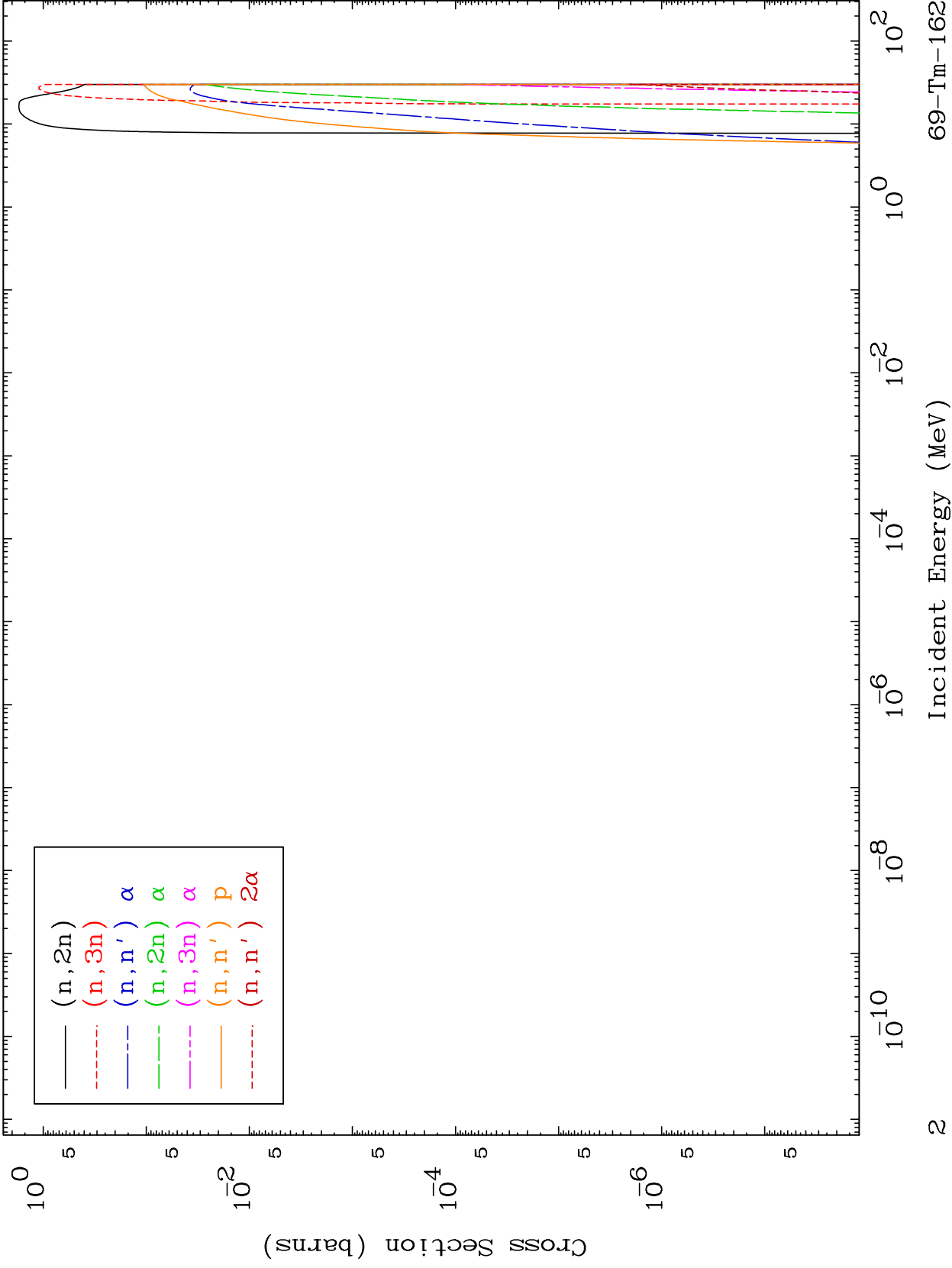
Press Mouse Button to Start

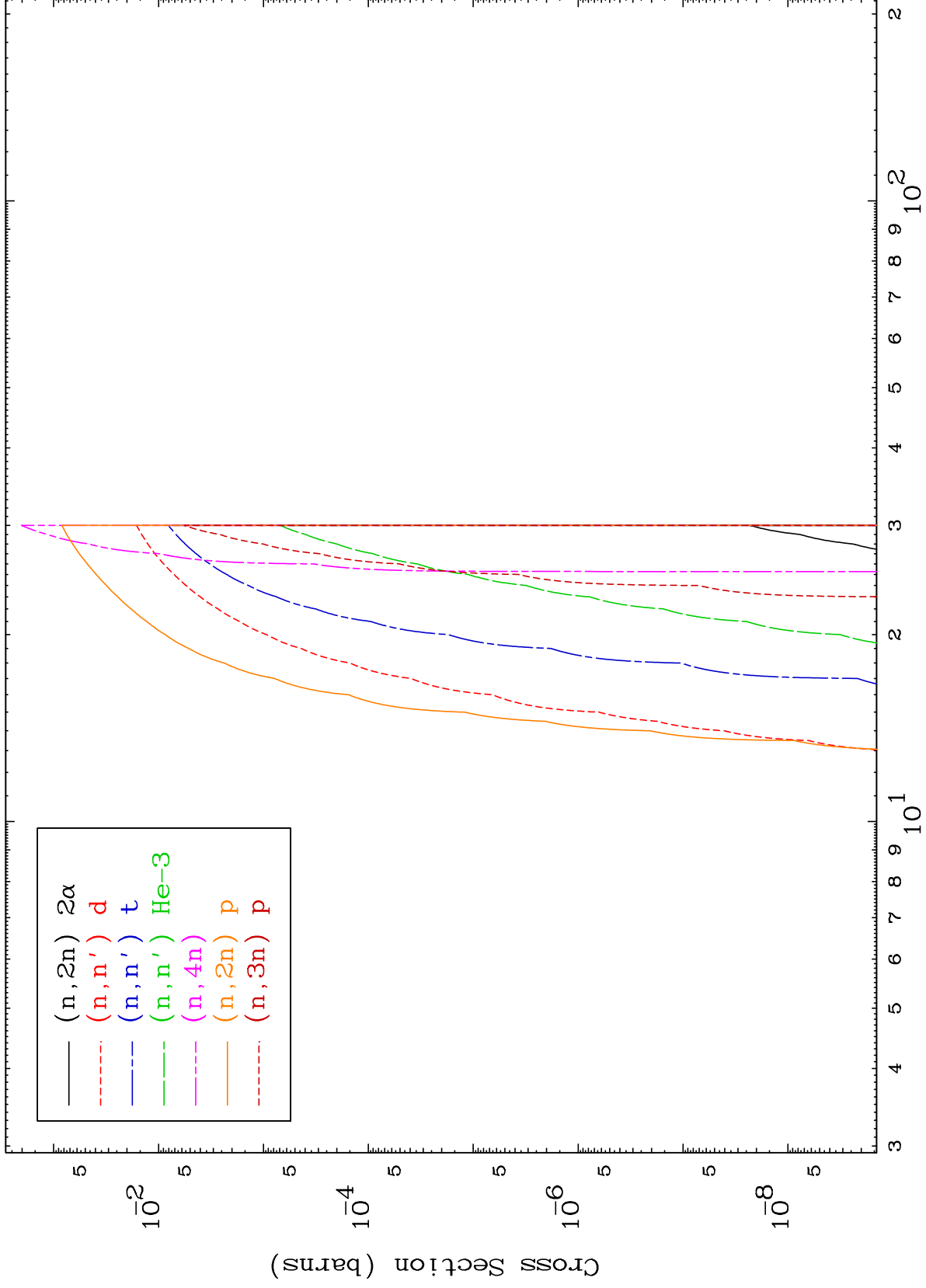


MAT 6904

Neutron Production
293 Kelvin Cross Sections

69-Tm-162

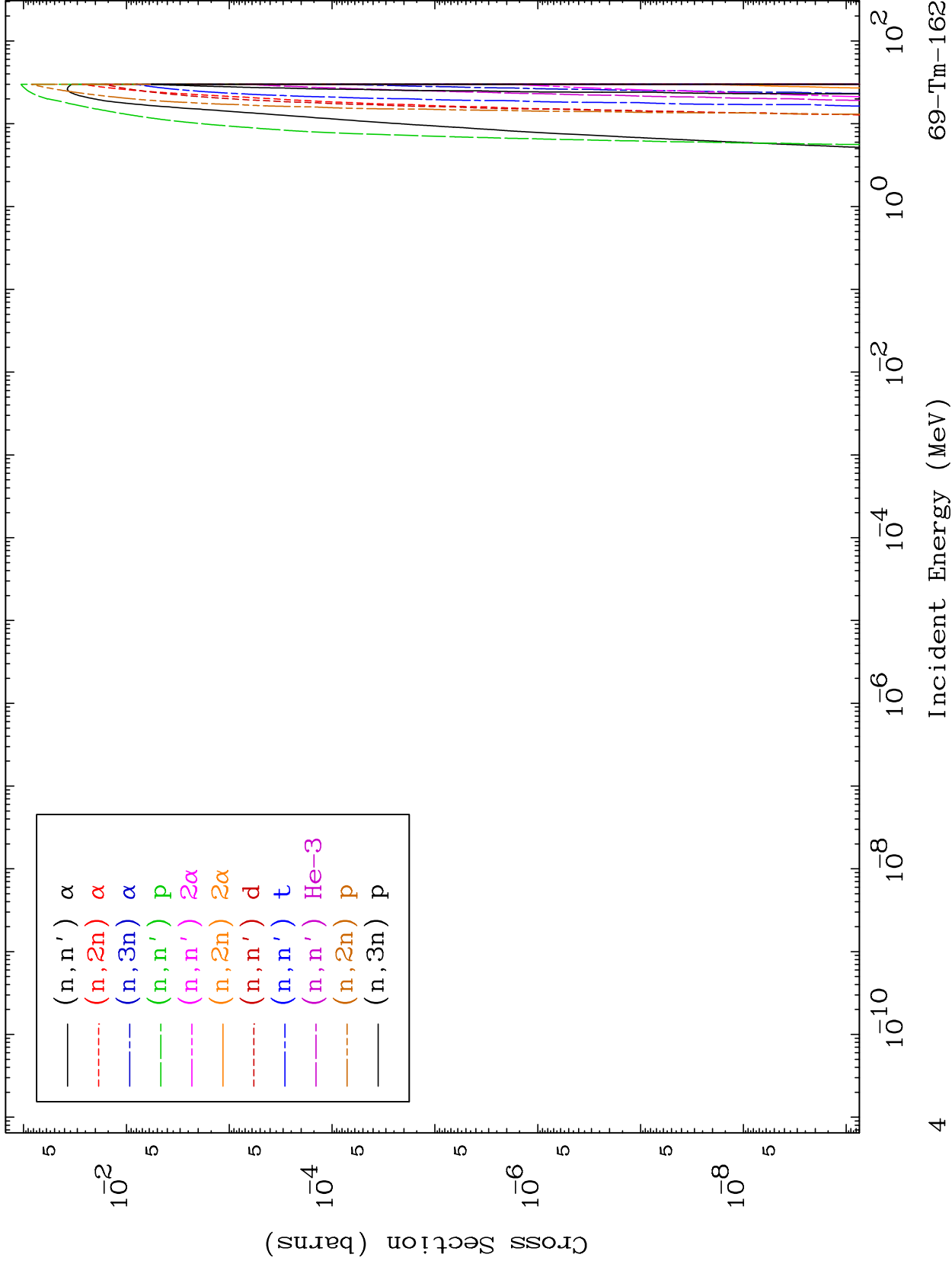




MAT 6904

Charged Particle
293 Kelvin Cross Sections

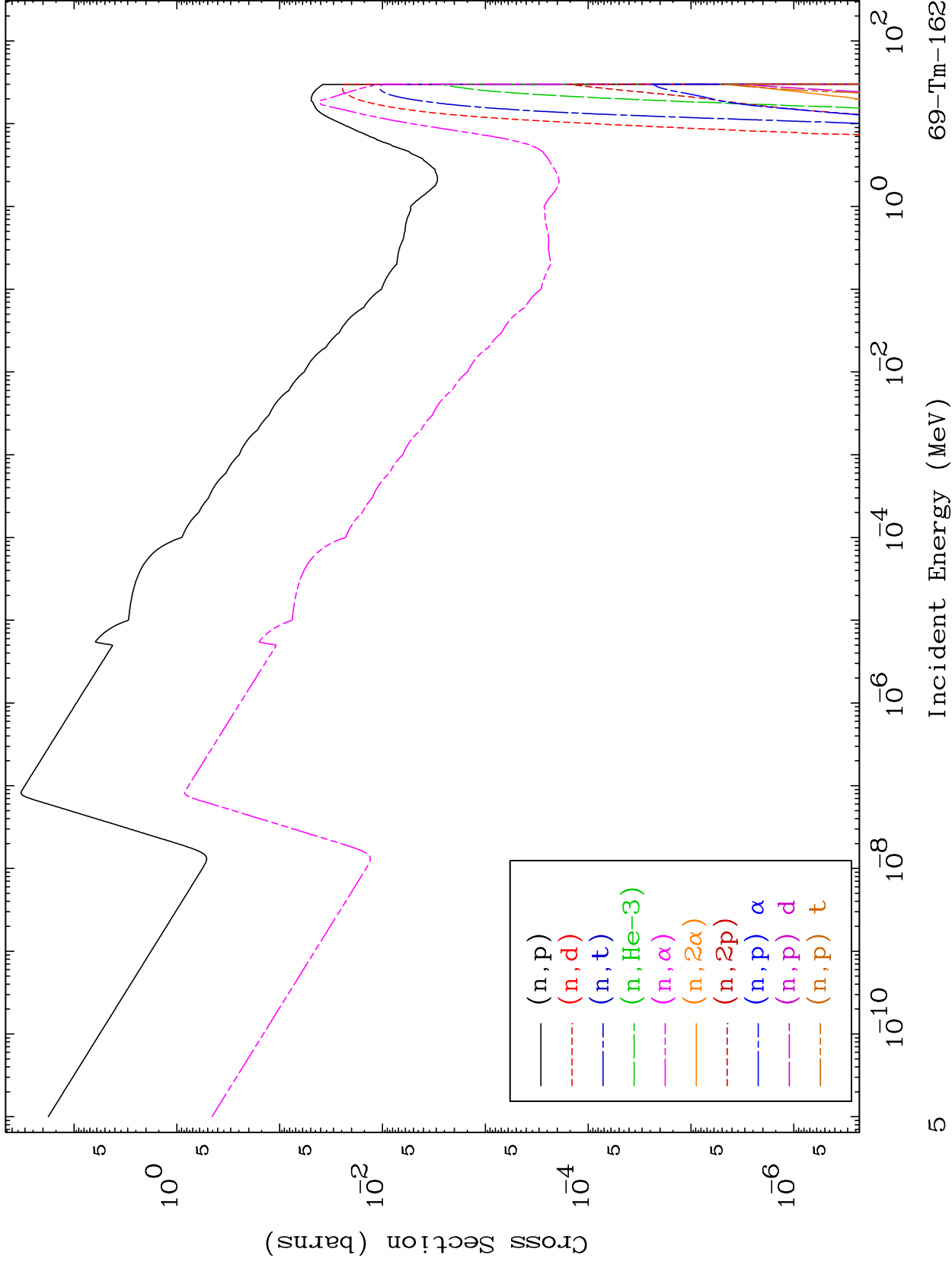
69-Tm-162



MAT 6904

Charged Particle
293 Kelvin Cross Sections

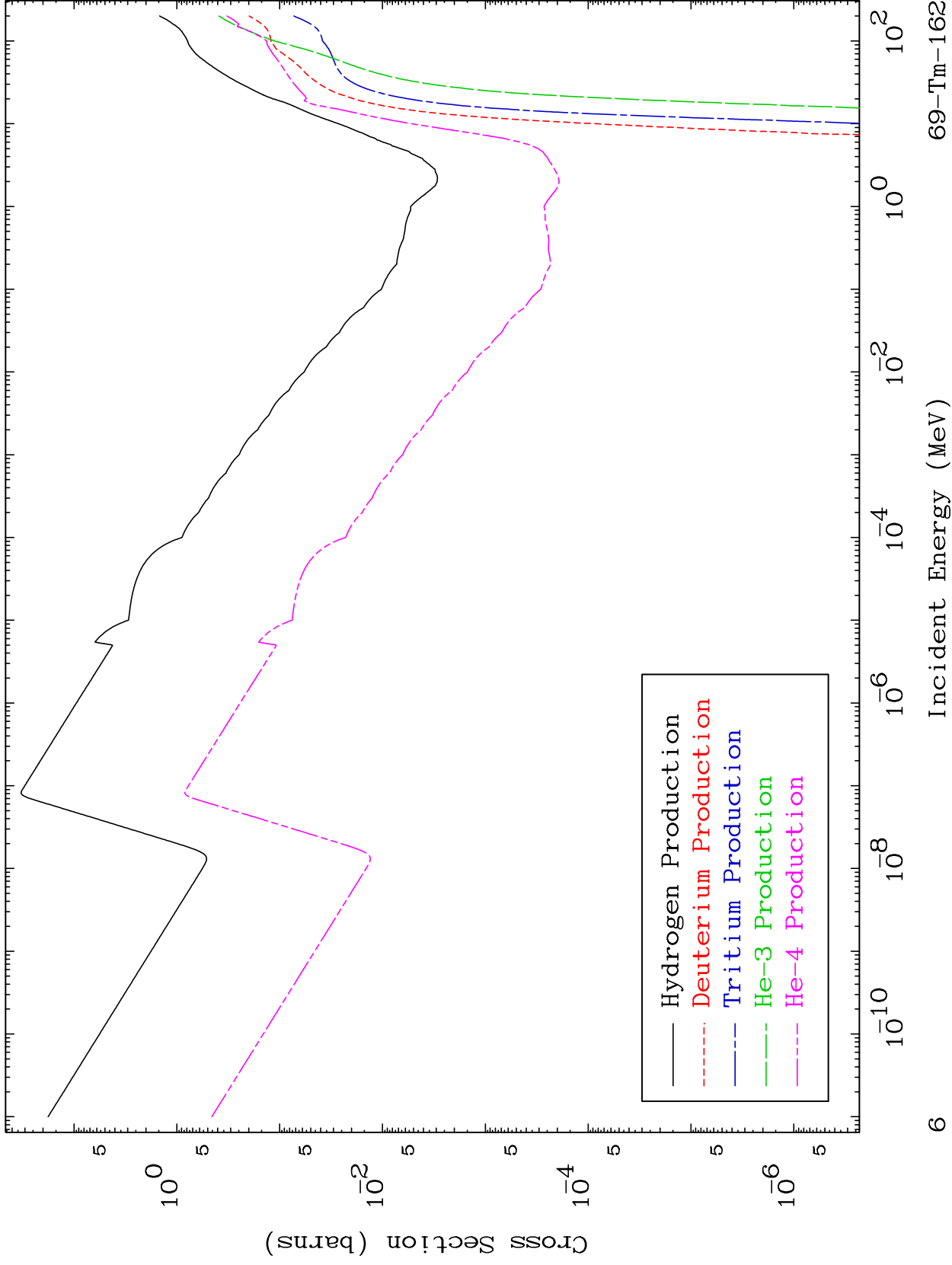
69-Tm-162

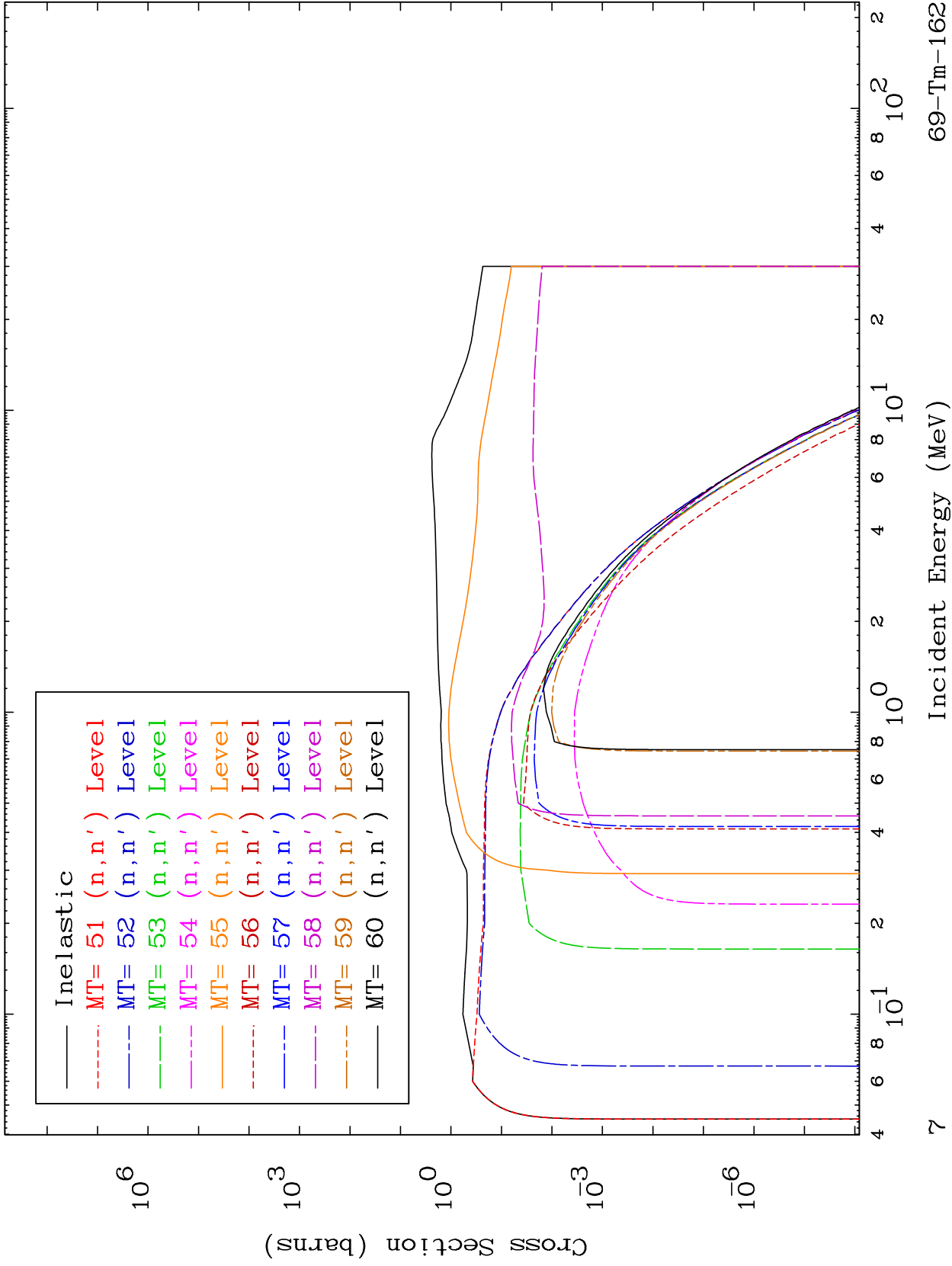


MAT 6904

Particle Production
293 Kelvin Cross Sections

69-Tm-162



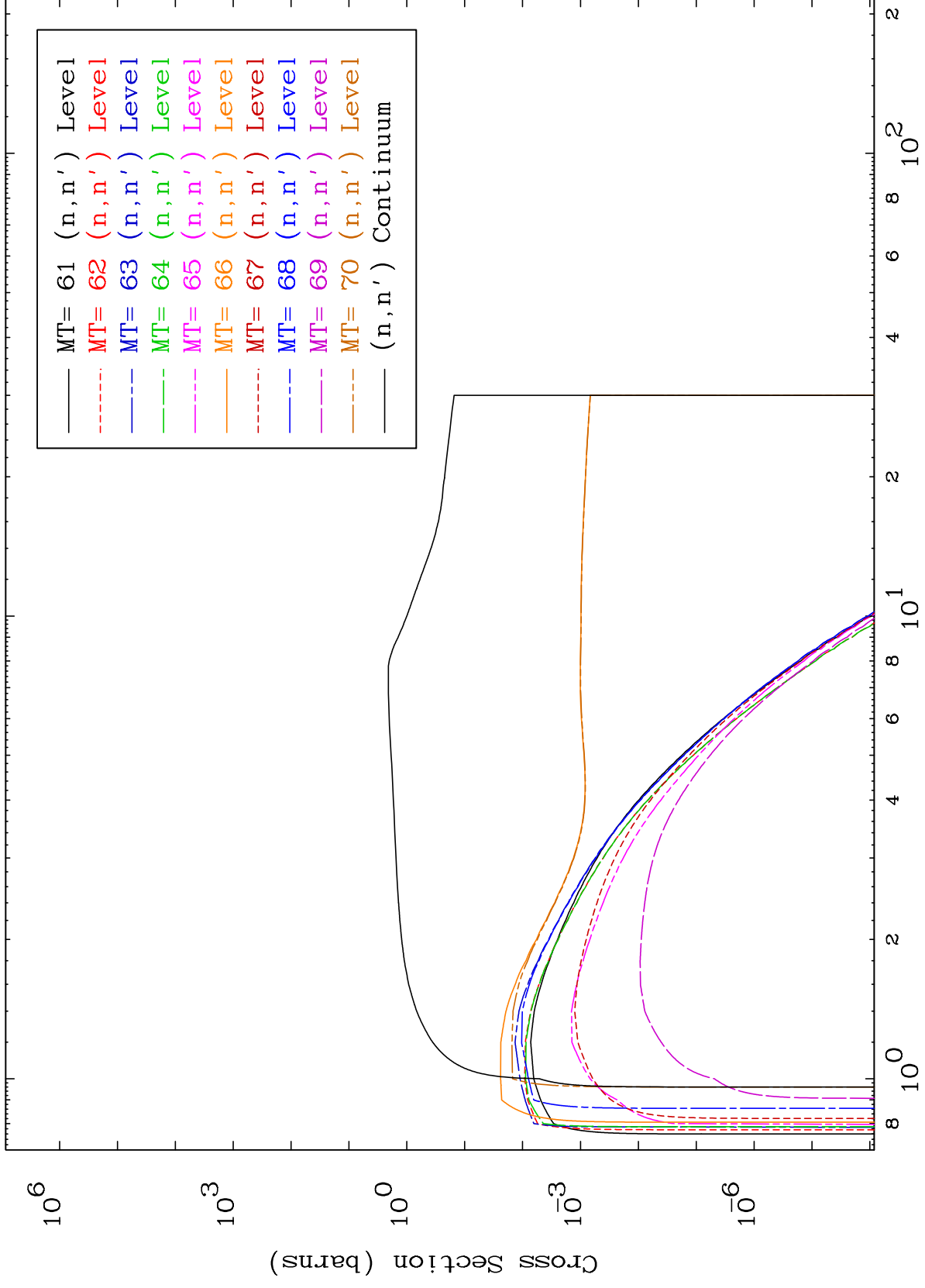


MAT 6904

(n,n') Level

69-Tm-162

293 Kelvin Cross Sections



Incident Energy (MeV)

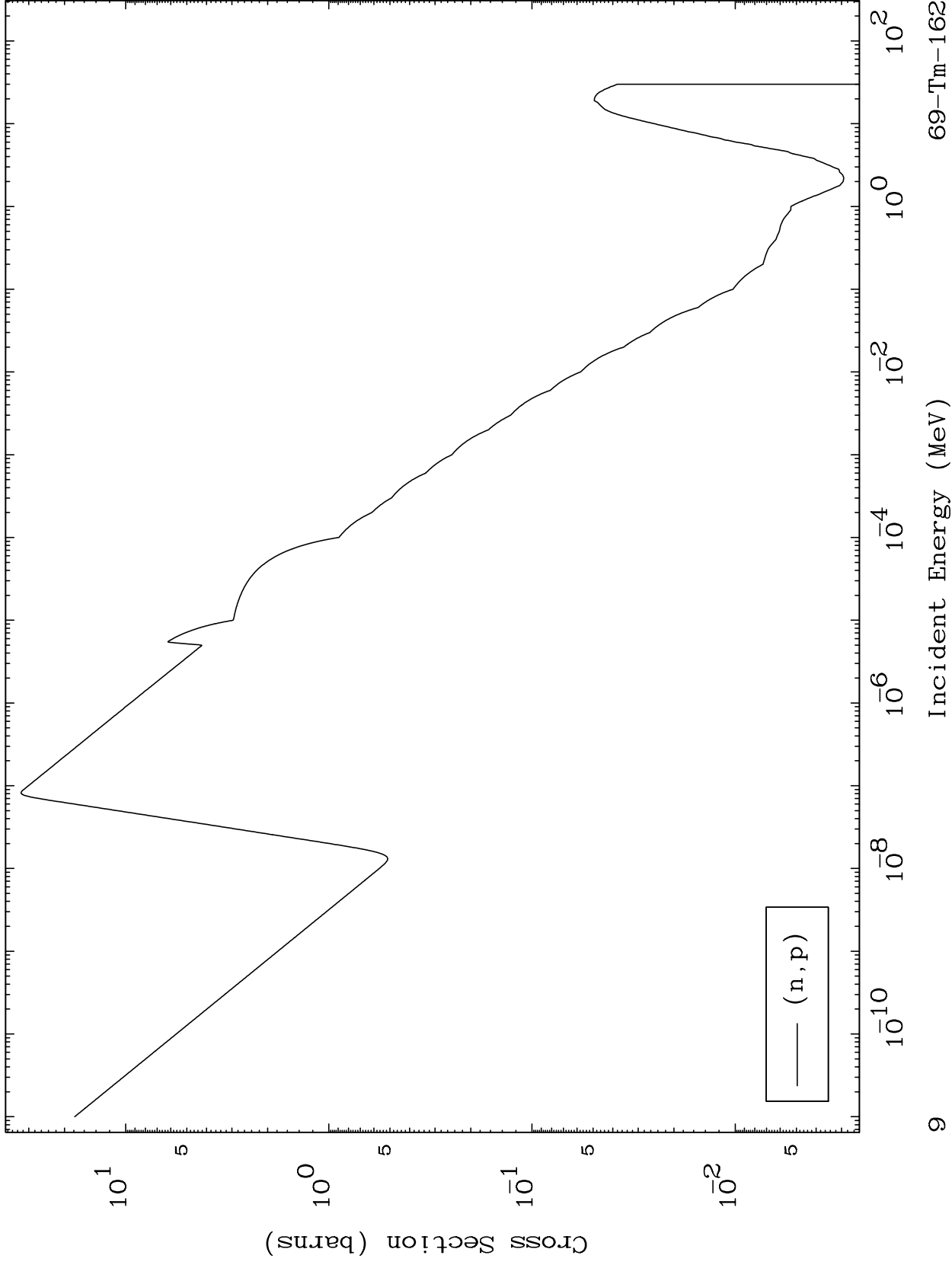
69-Tm-162

8

MAT 6904

(n,p) Levels
293 Kelvin Cross Sections

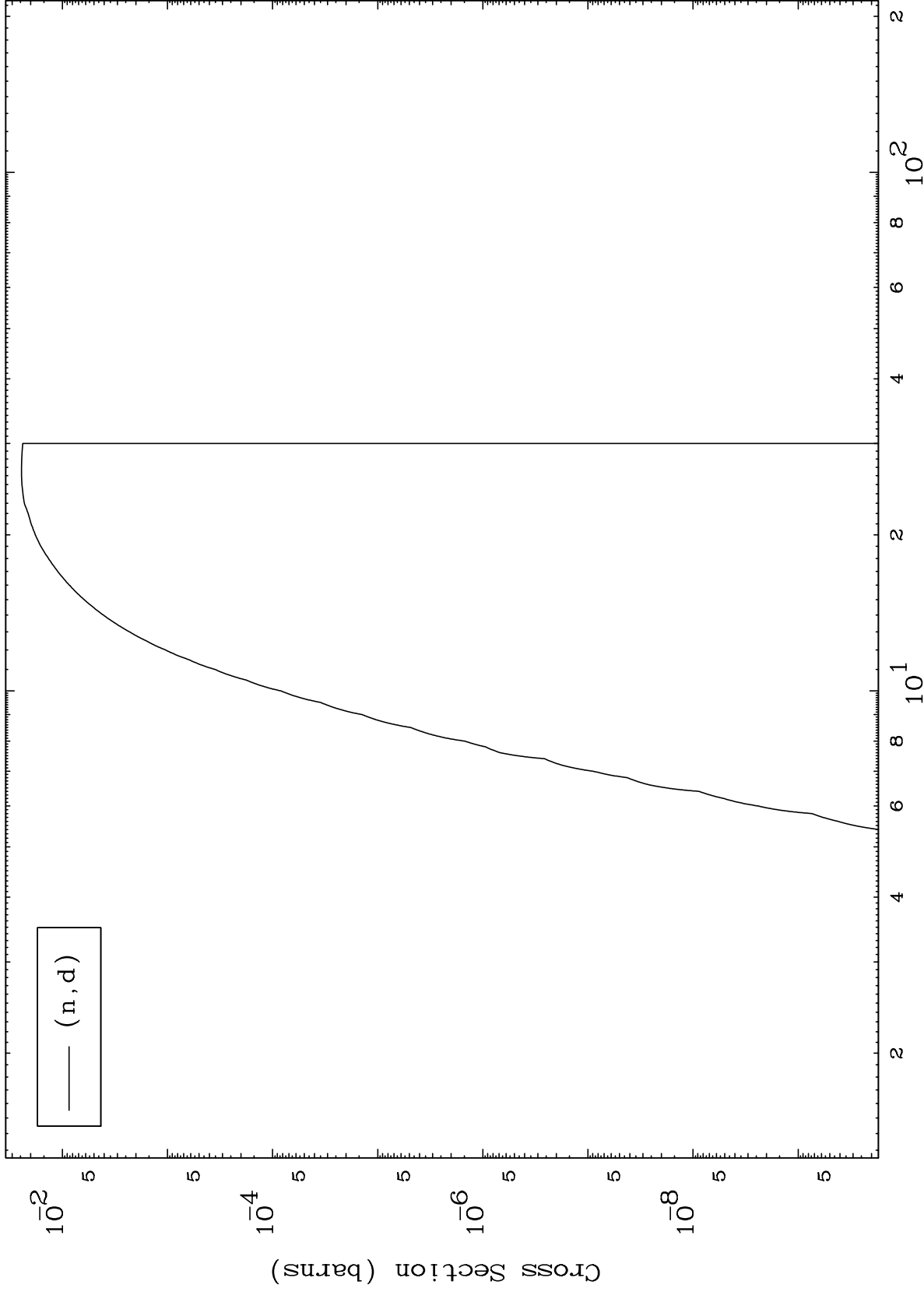
69-Tm-162



MAT 6904

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-162



10

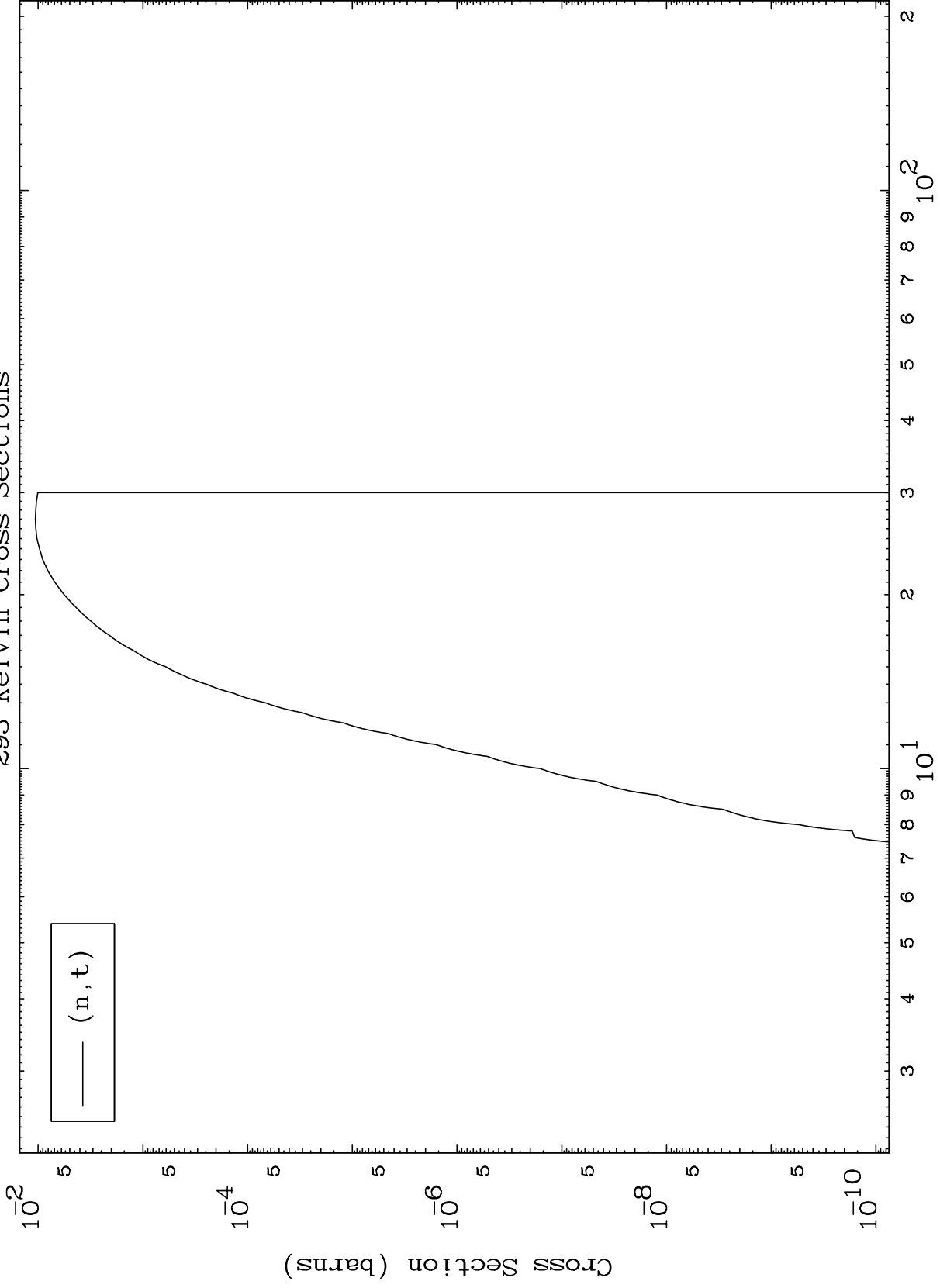
Incident Energy (MeV)

69-Tm-162

MAT 6904

(n,t) Levels
293 Kelvin Cross Sections

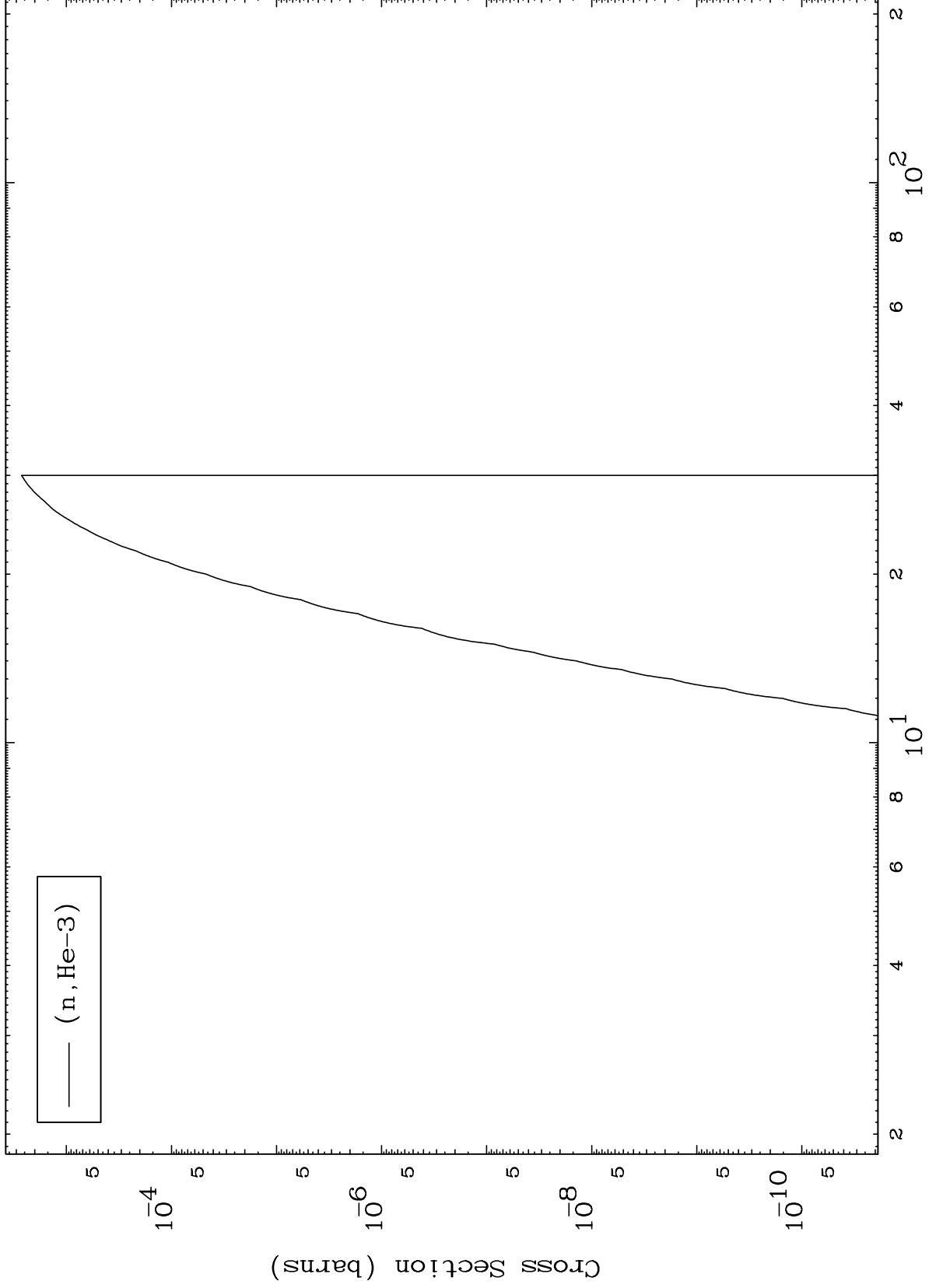
69-Tm-162



MAT 6904

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-162



12

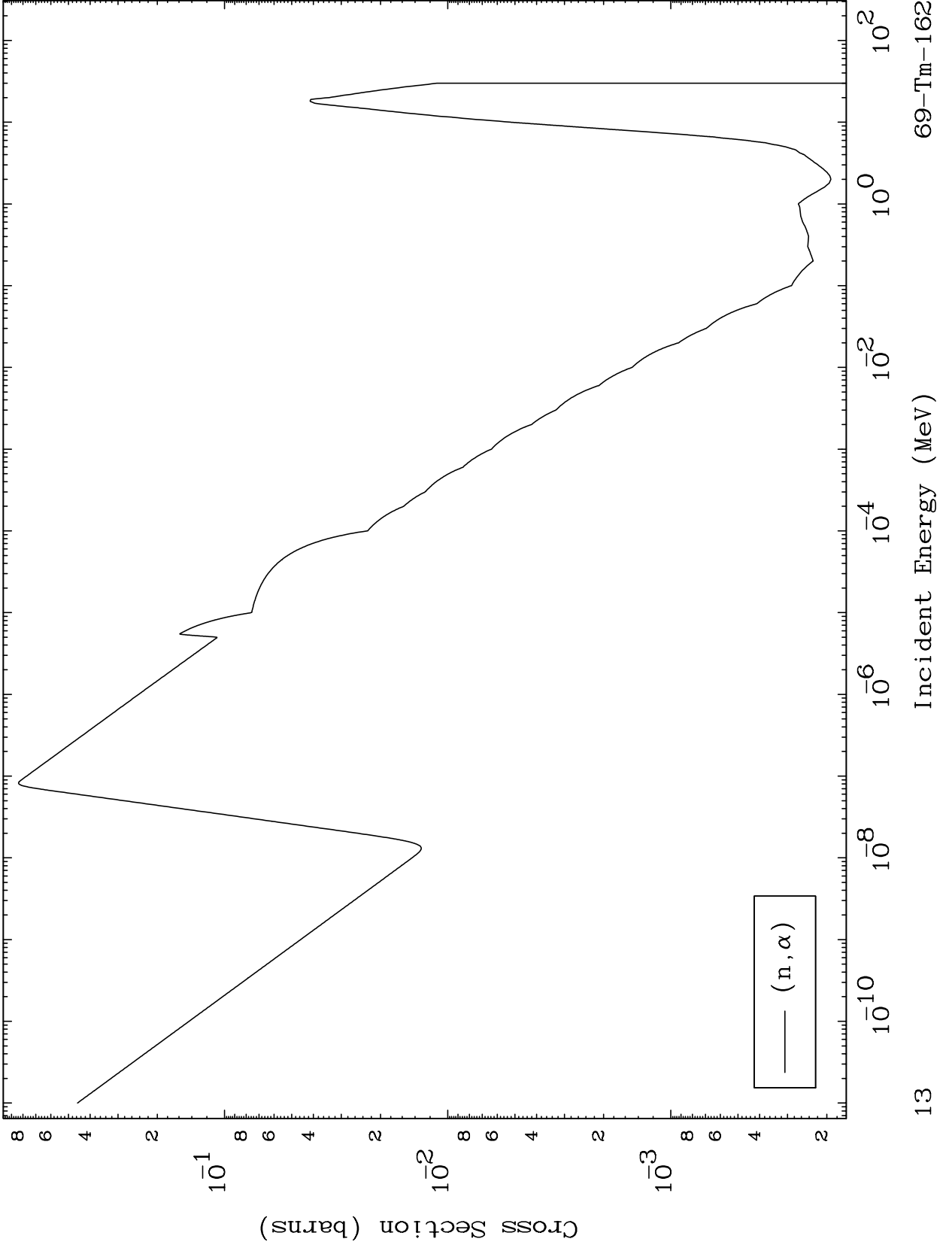
Incident Energy (MeV)

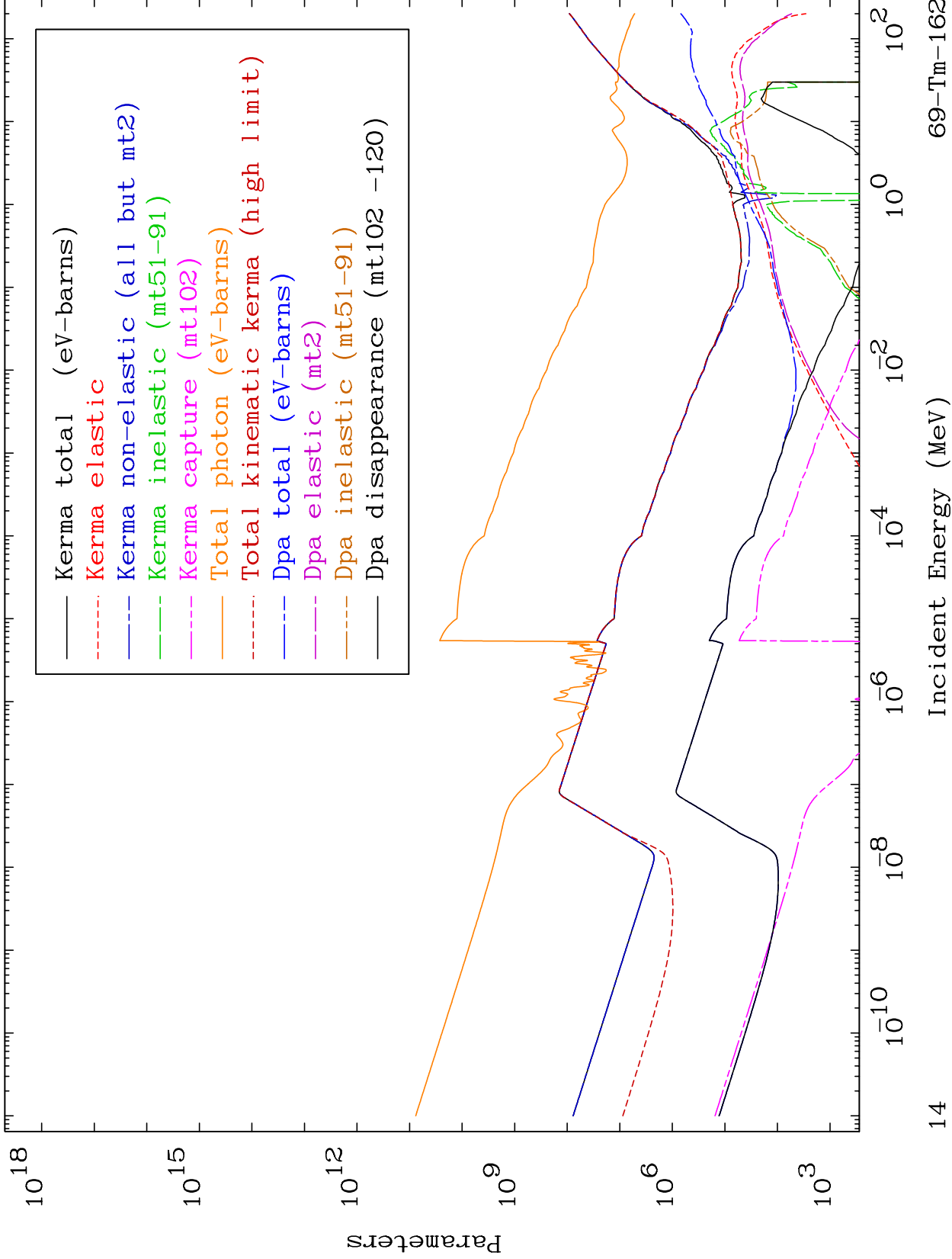
69-Tm-162

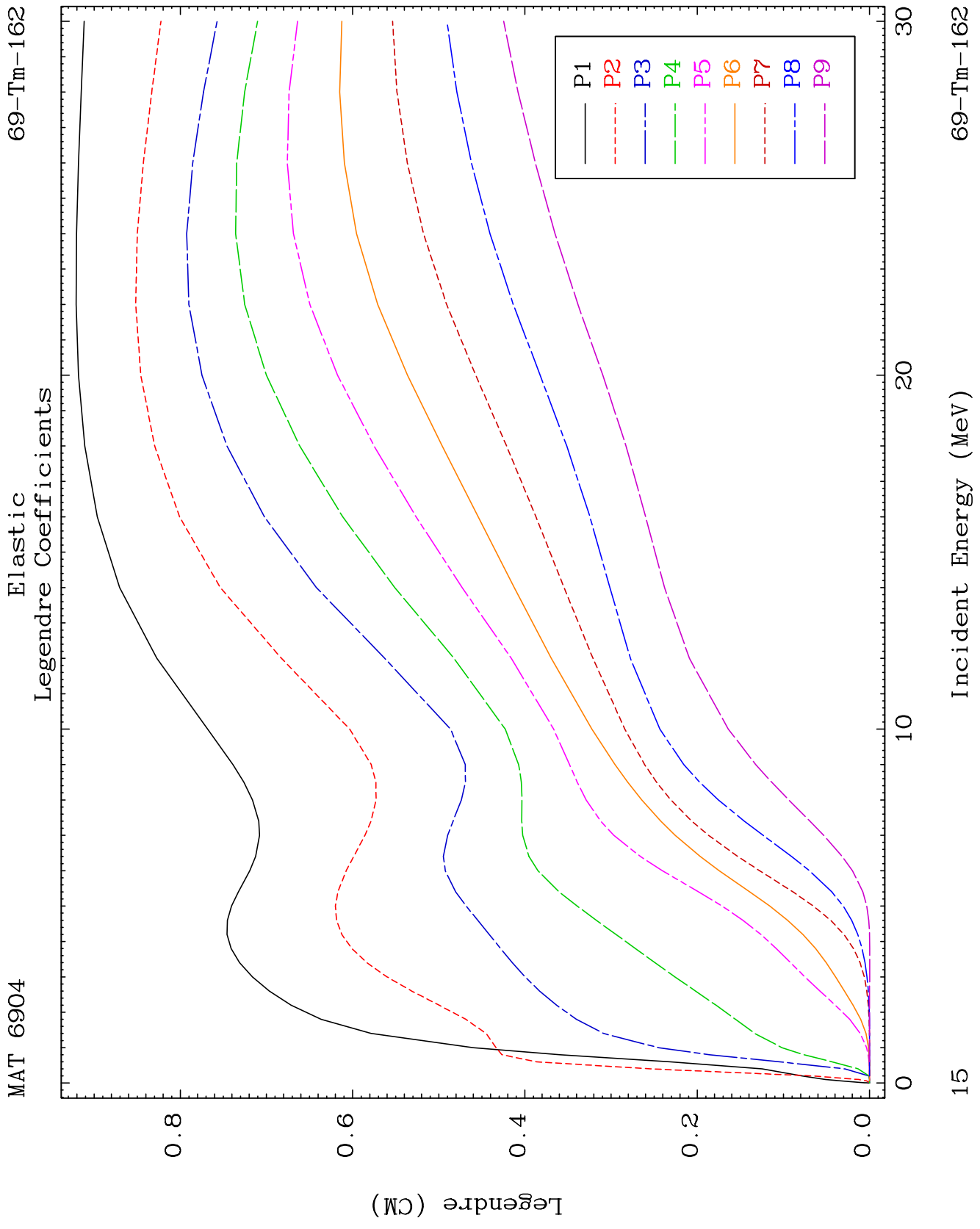
MAT 6904

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-162



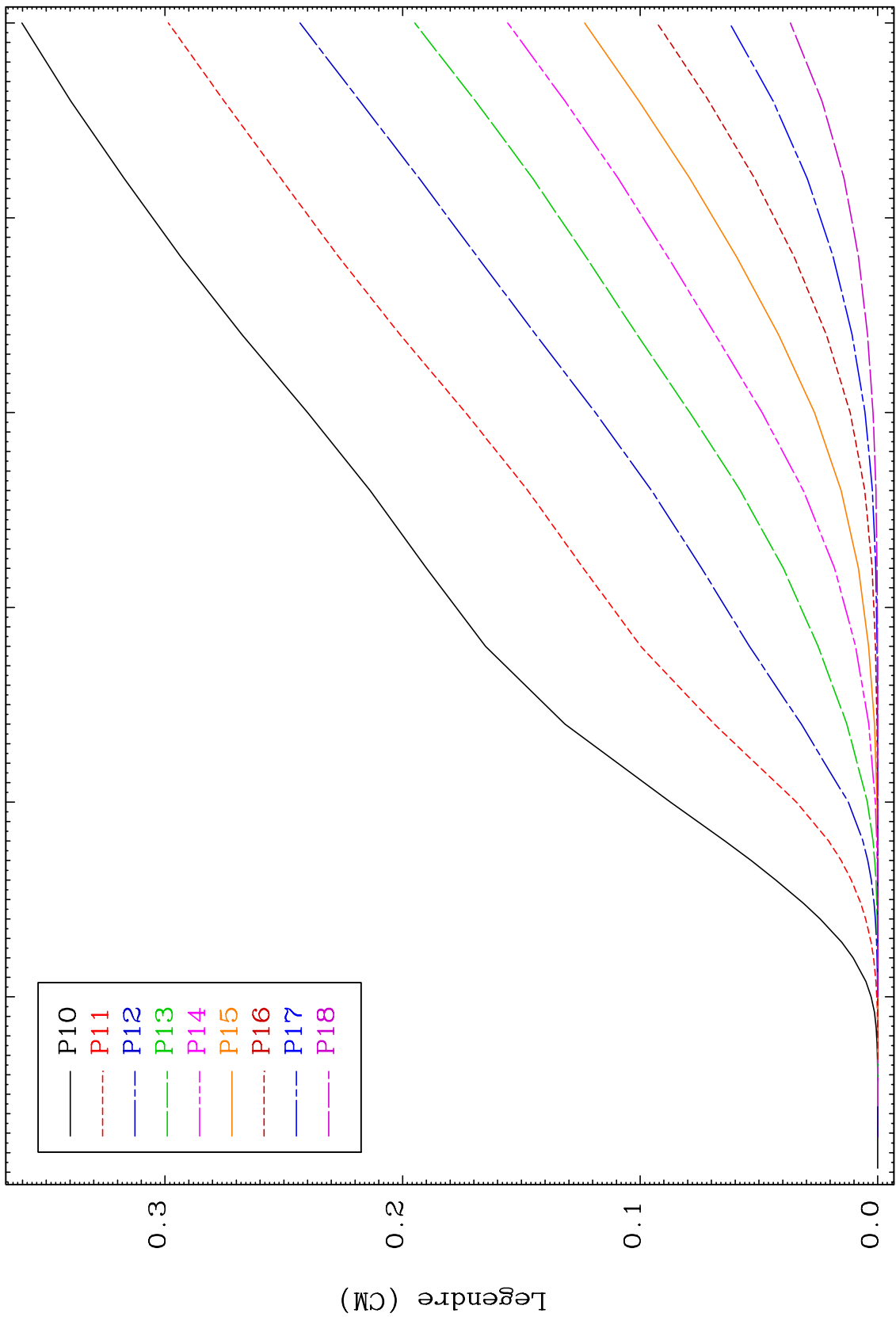




MAT 6904

Elastic Legendre Coefficients

69-Tm-162



16

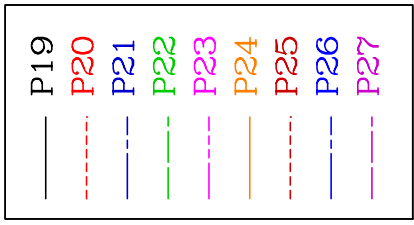
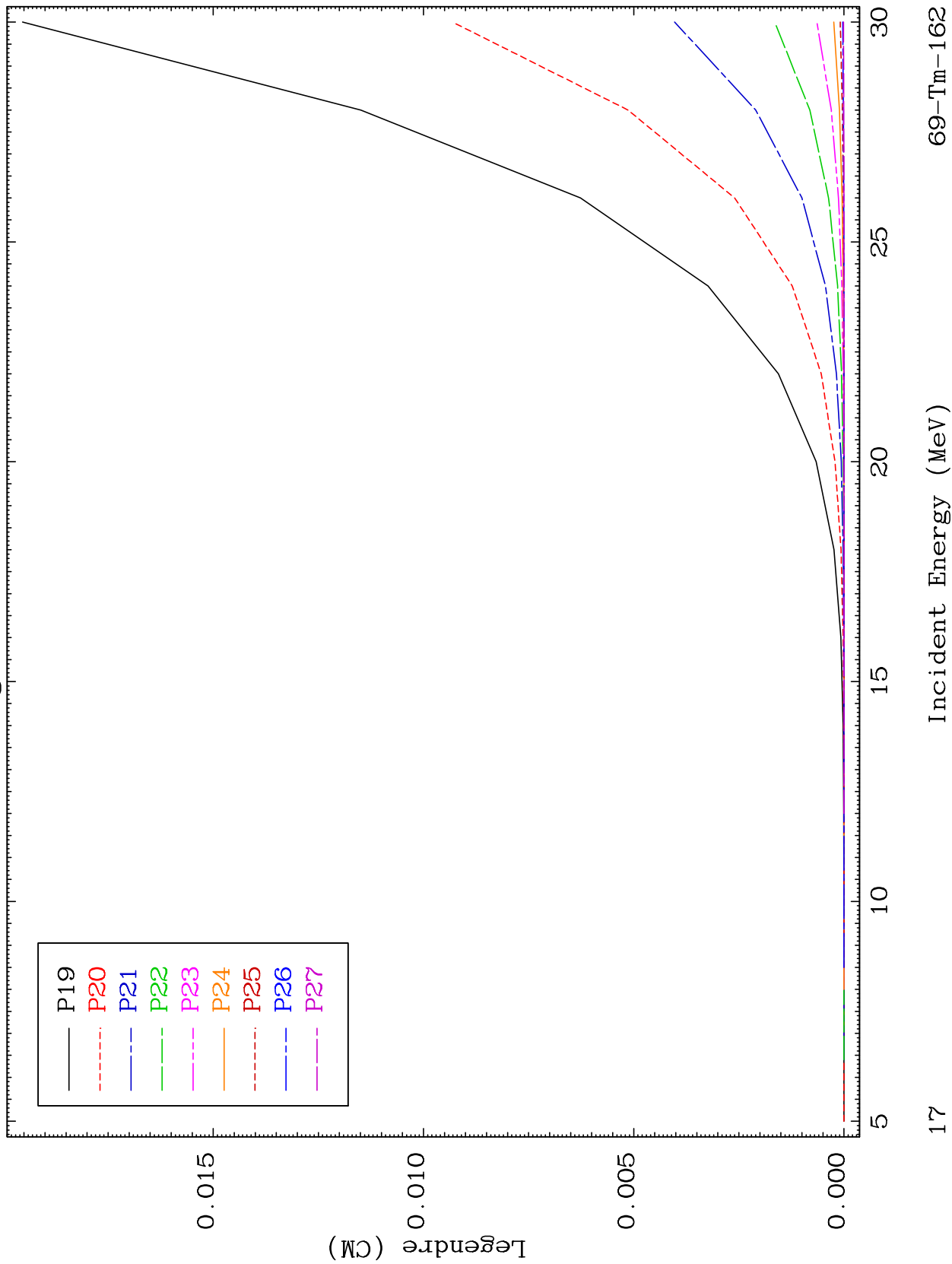
Incident Energy (MeV)

69-Tm-162

MAT 6904

Elastic
Legendre Coefficients

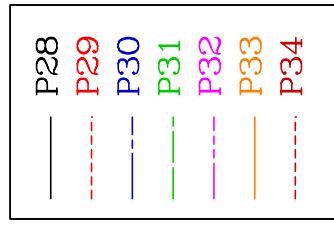
69-Tm-162



MAT 6904

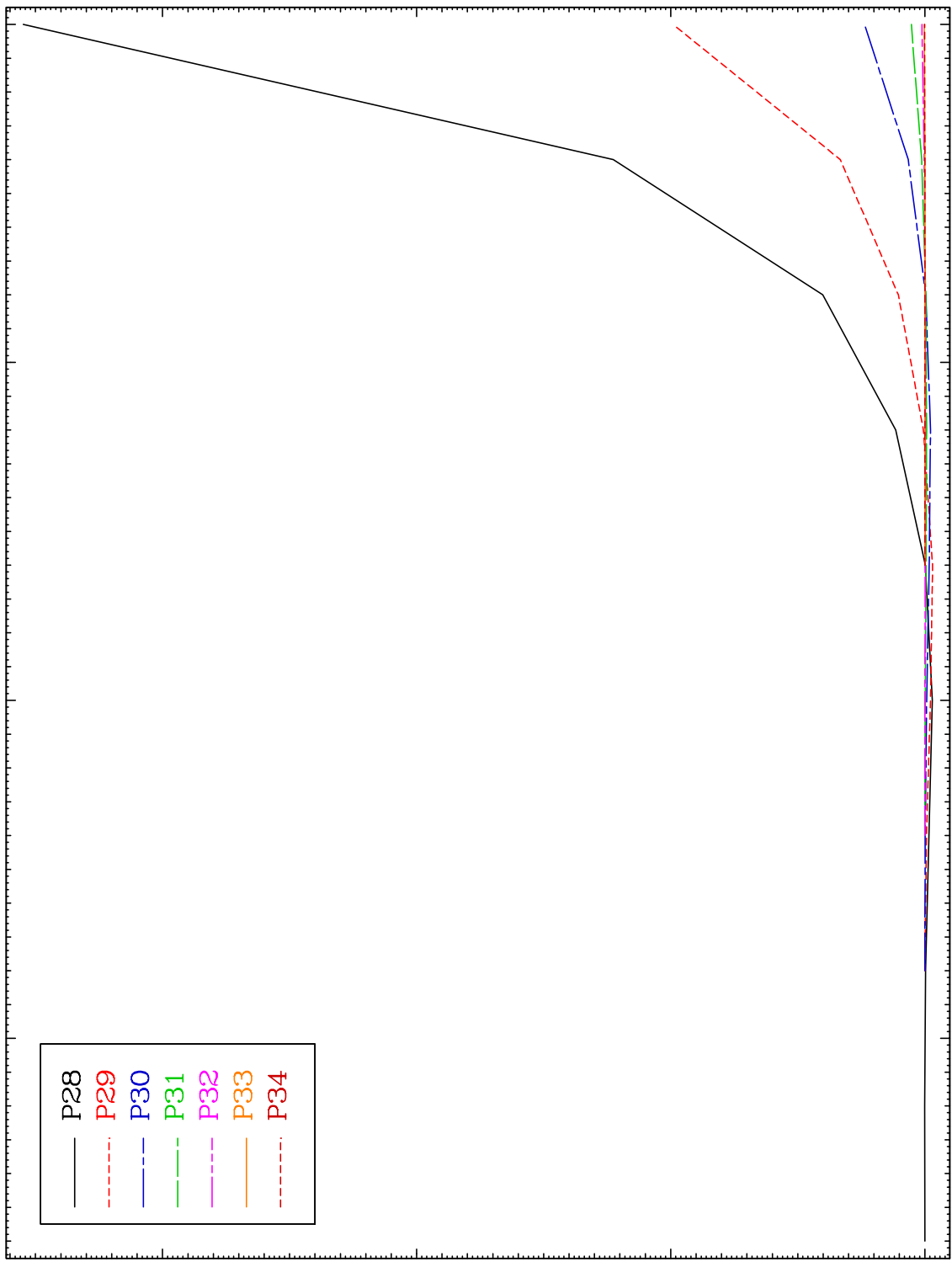
Elastic
Legendre Coefficients

69-Tm-162



$\times 10^{-6}$

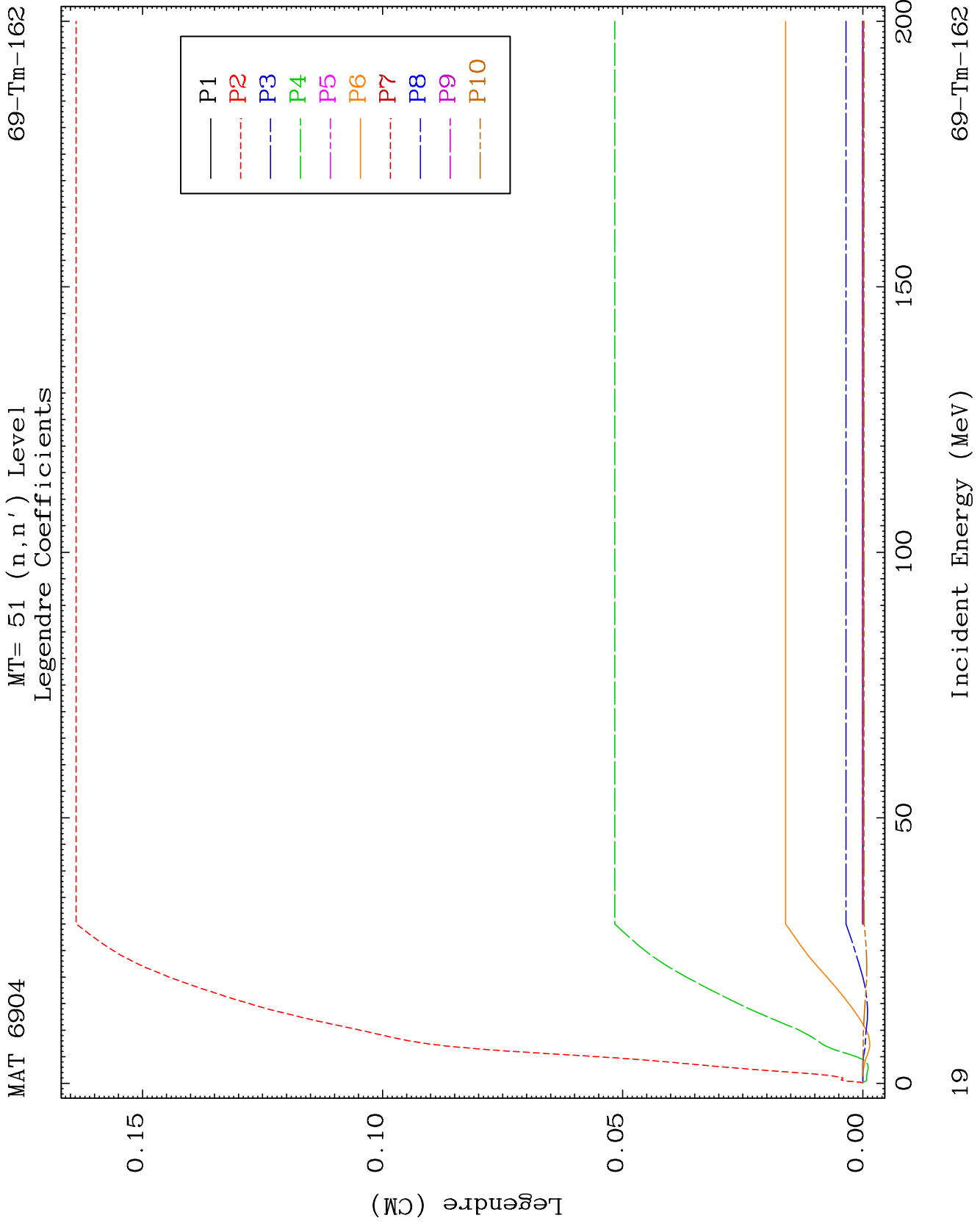
Legendre (CM)

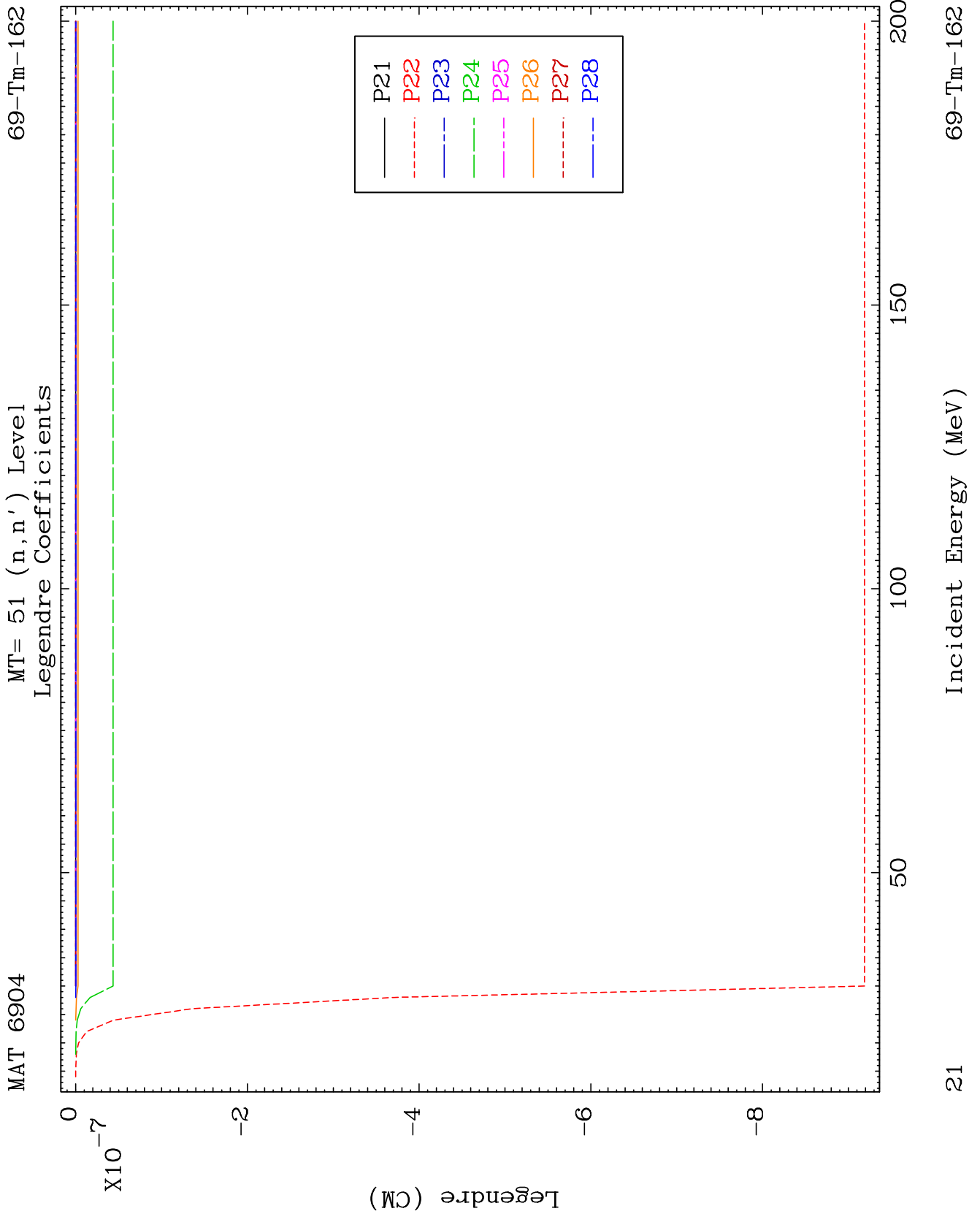


18

Incident Energy (MeV)

69-Tm-162

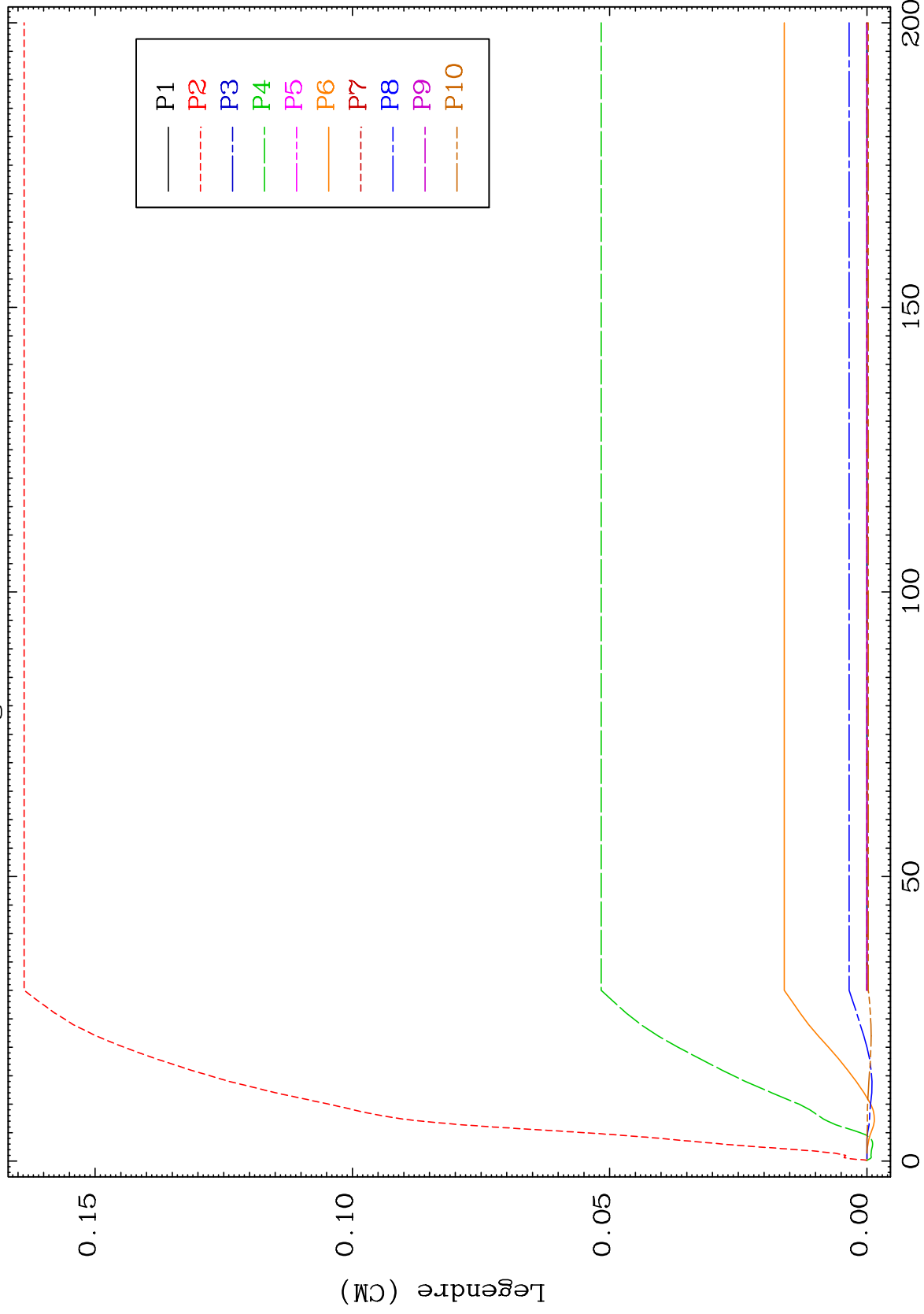




MAT 6904

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

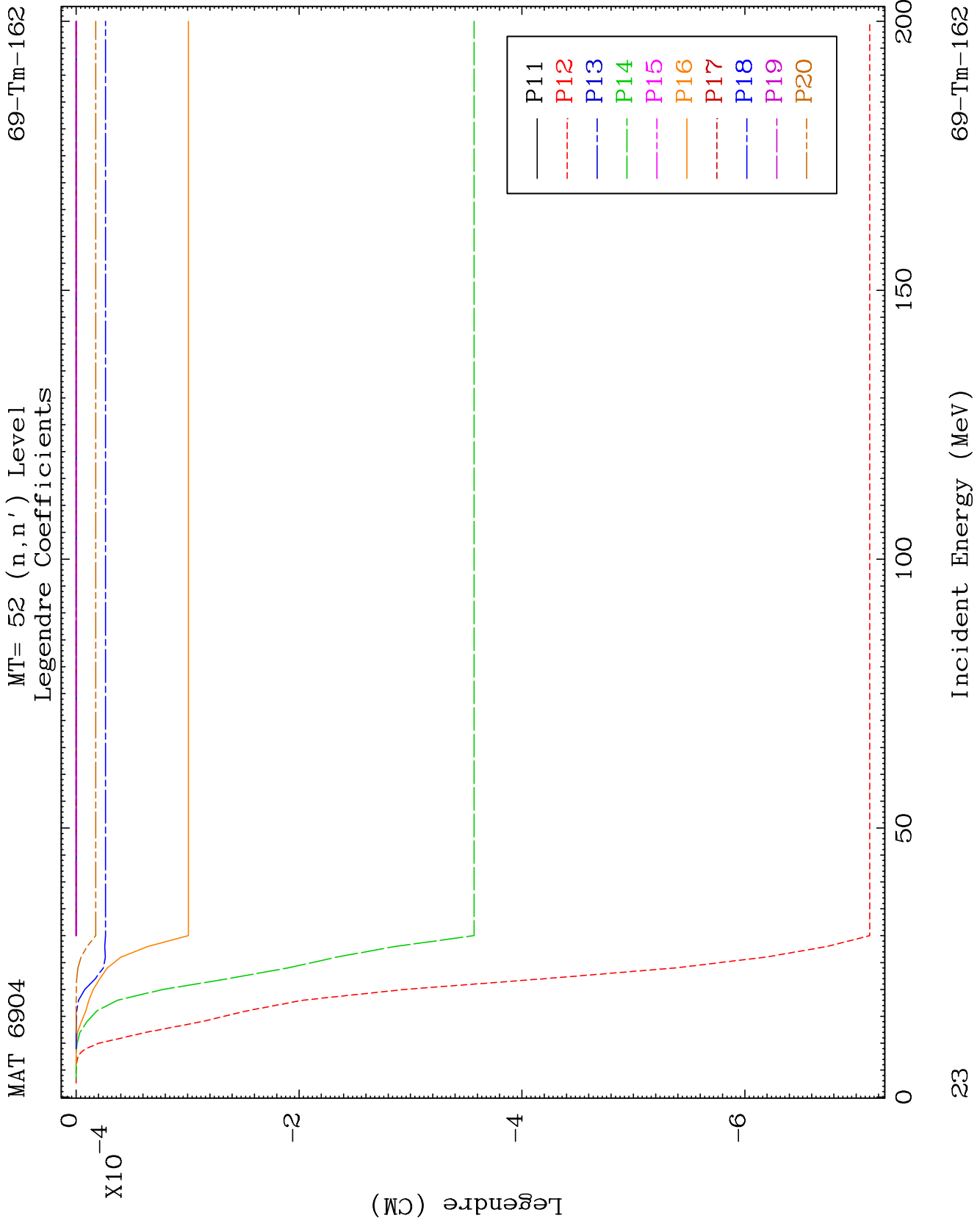
69-Tm-162

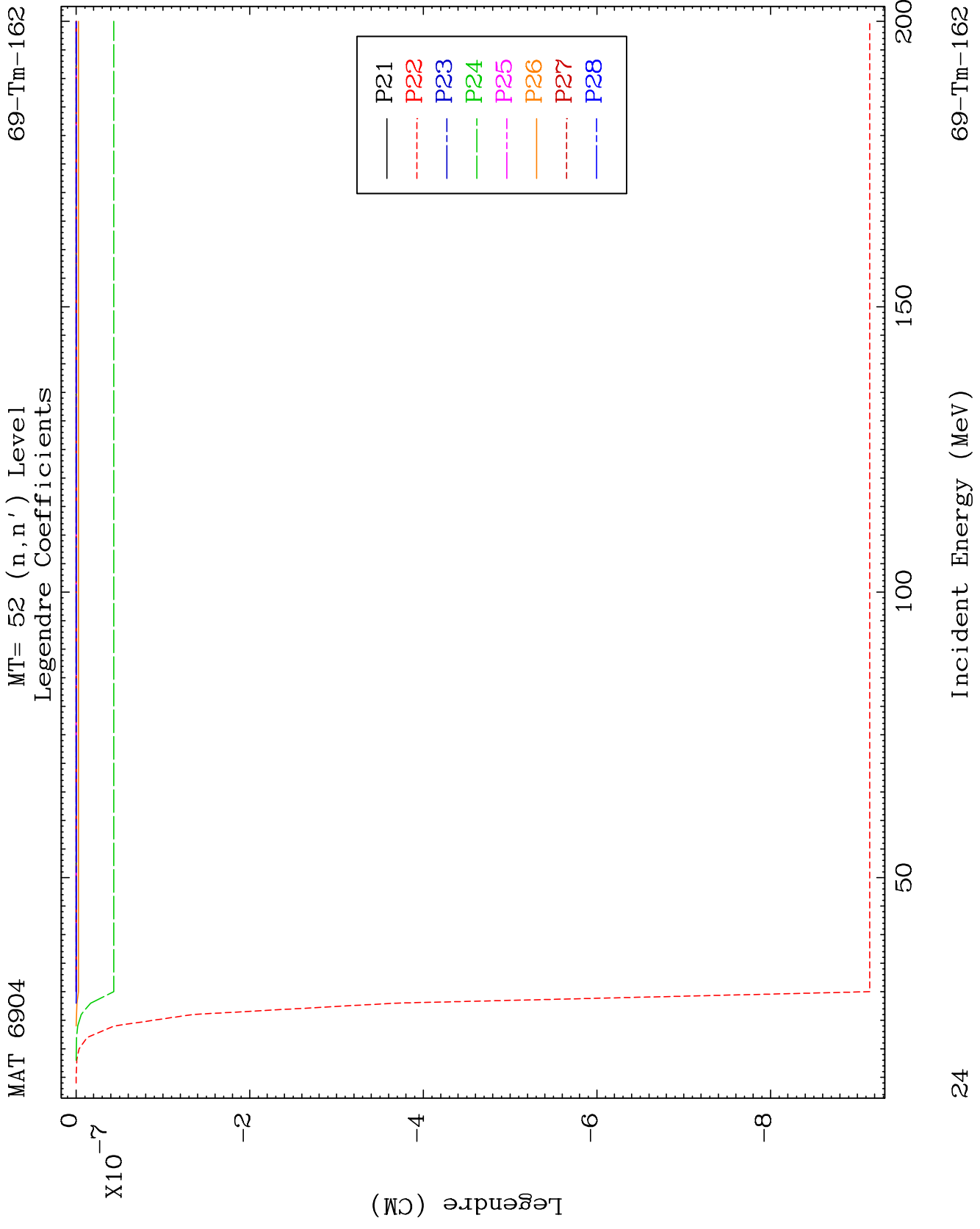


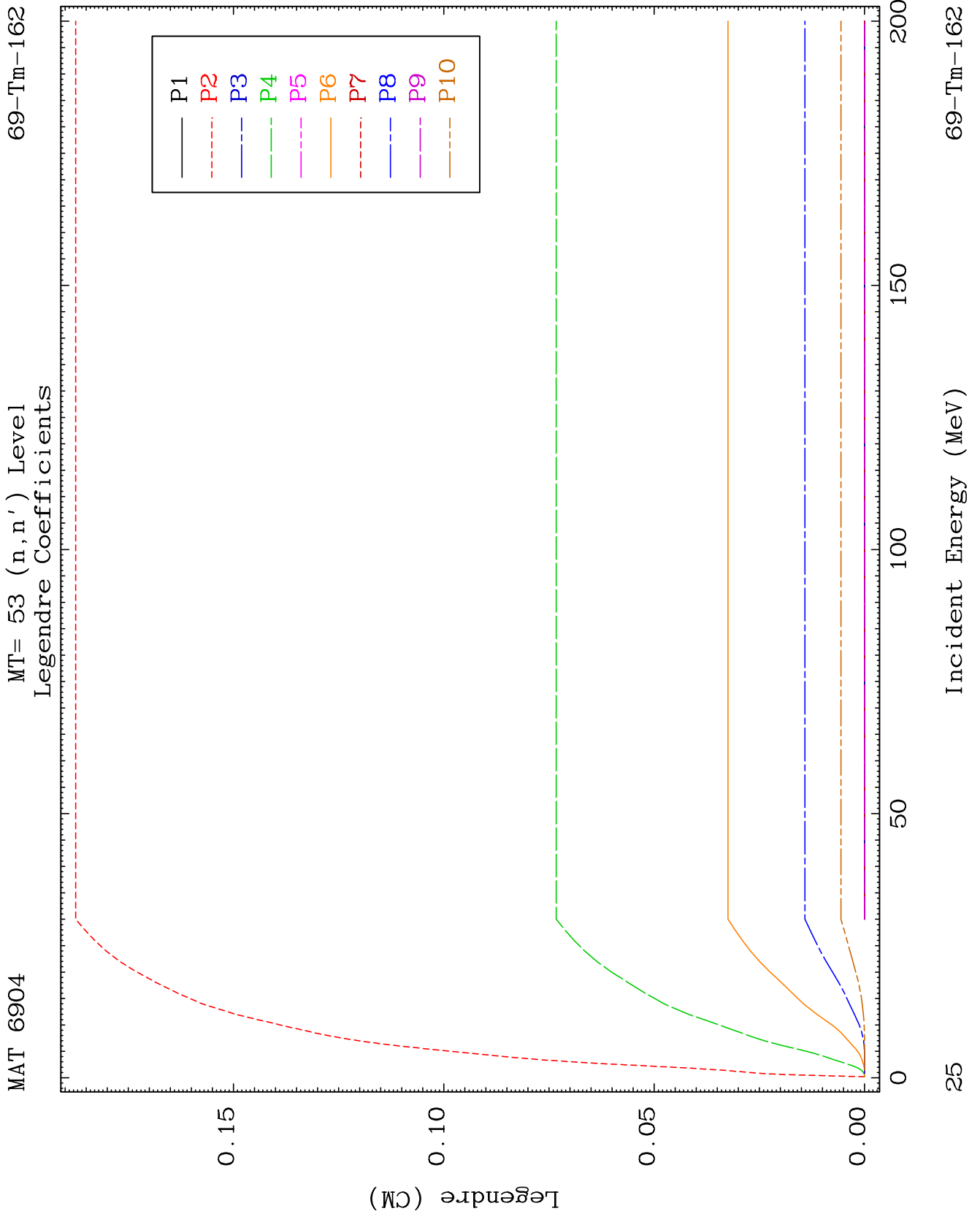
69-Tm-162

Incident Energy (MeV)

22



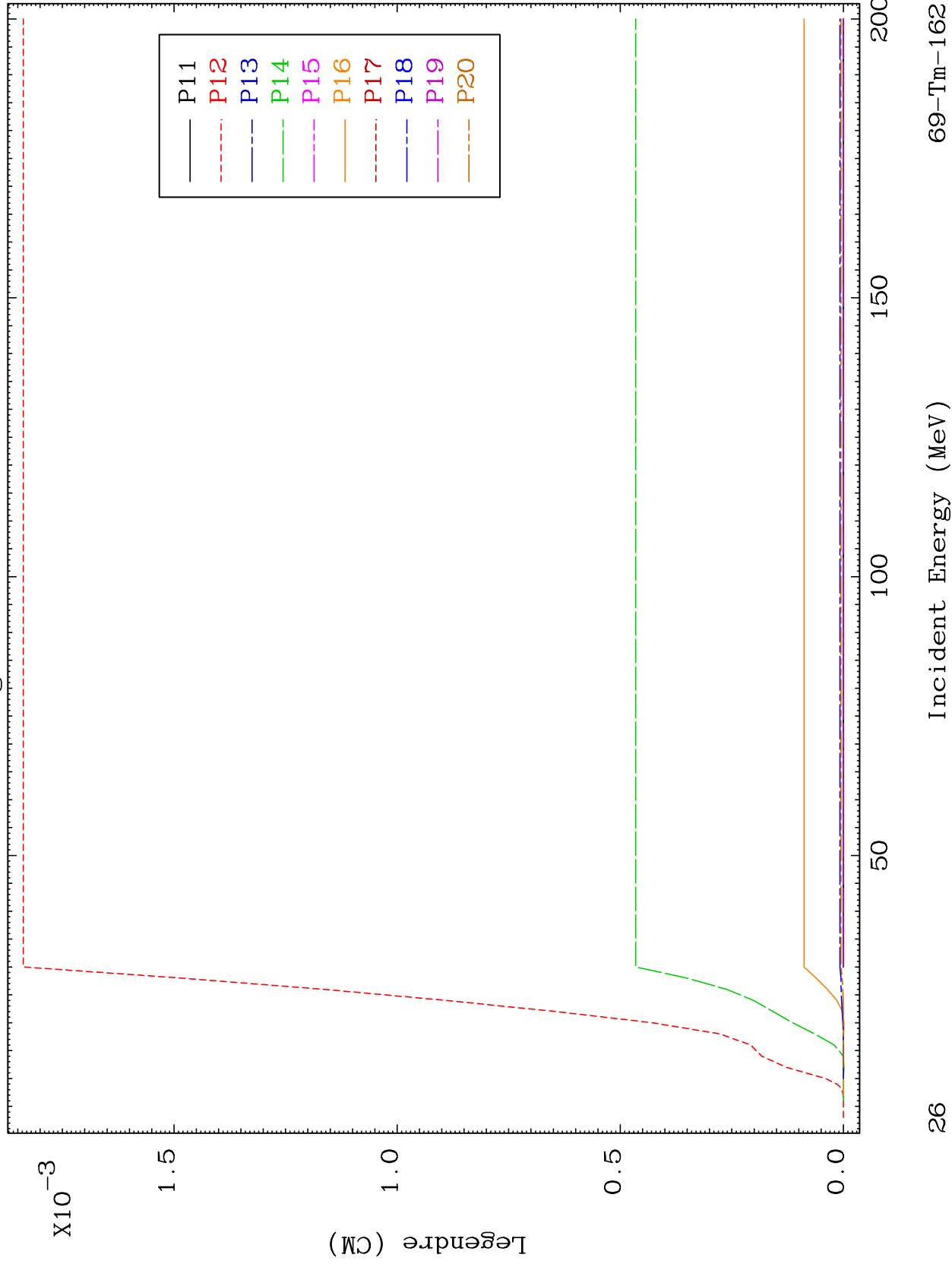




MAT 6904

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

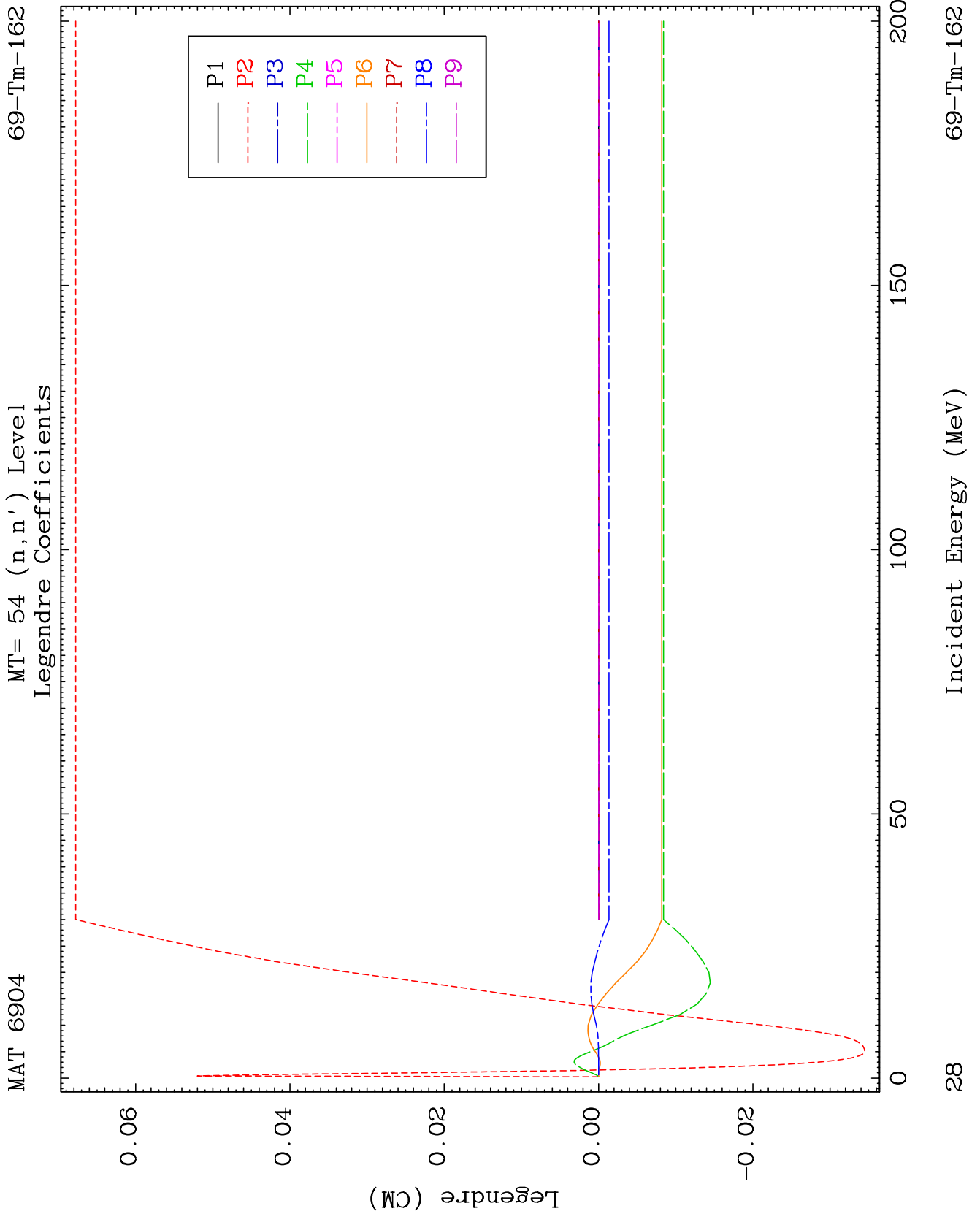
69-Tm-162



26

Incident Energy (MeV)

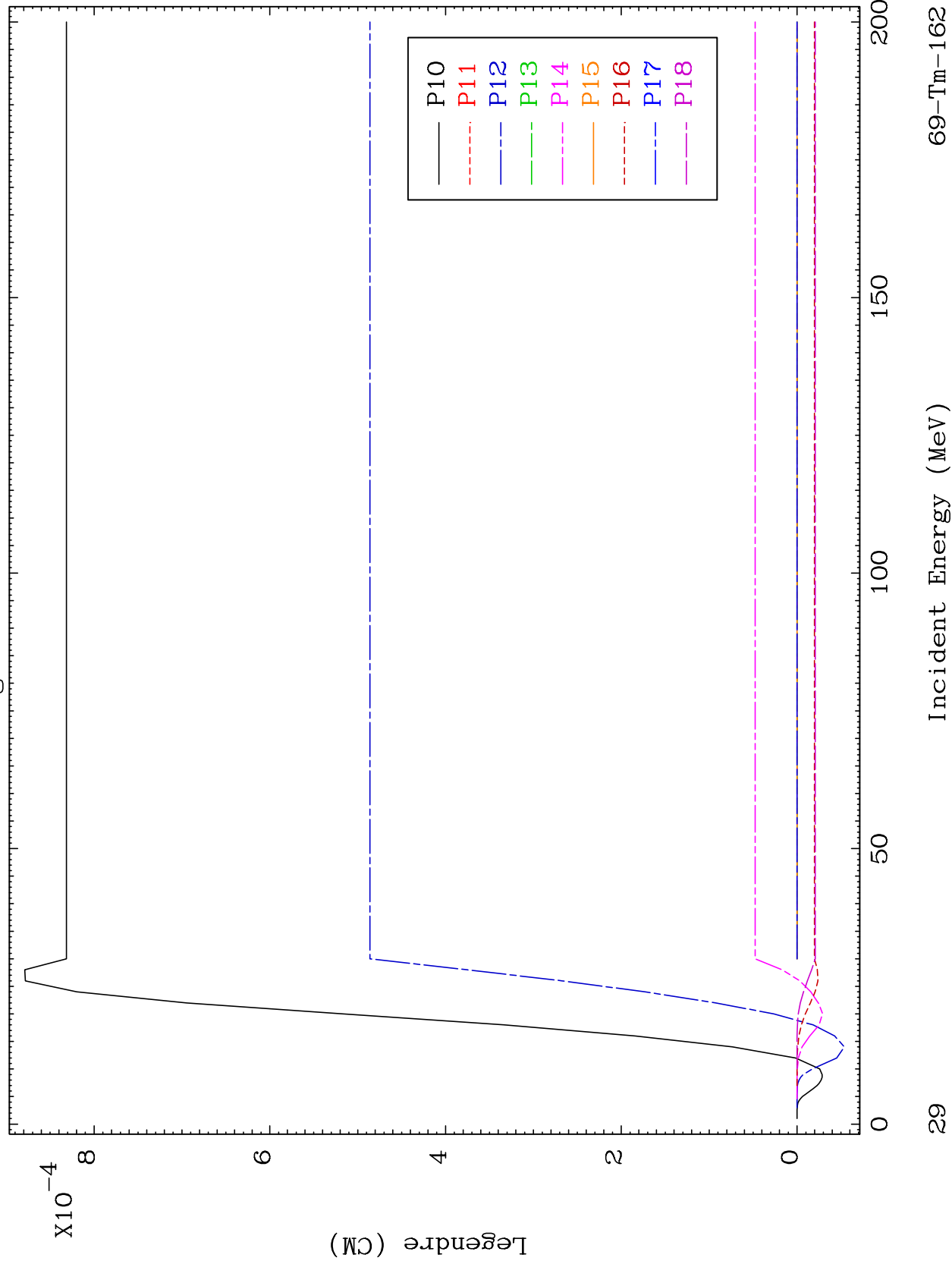
69-Tm-162

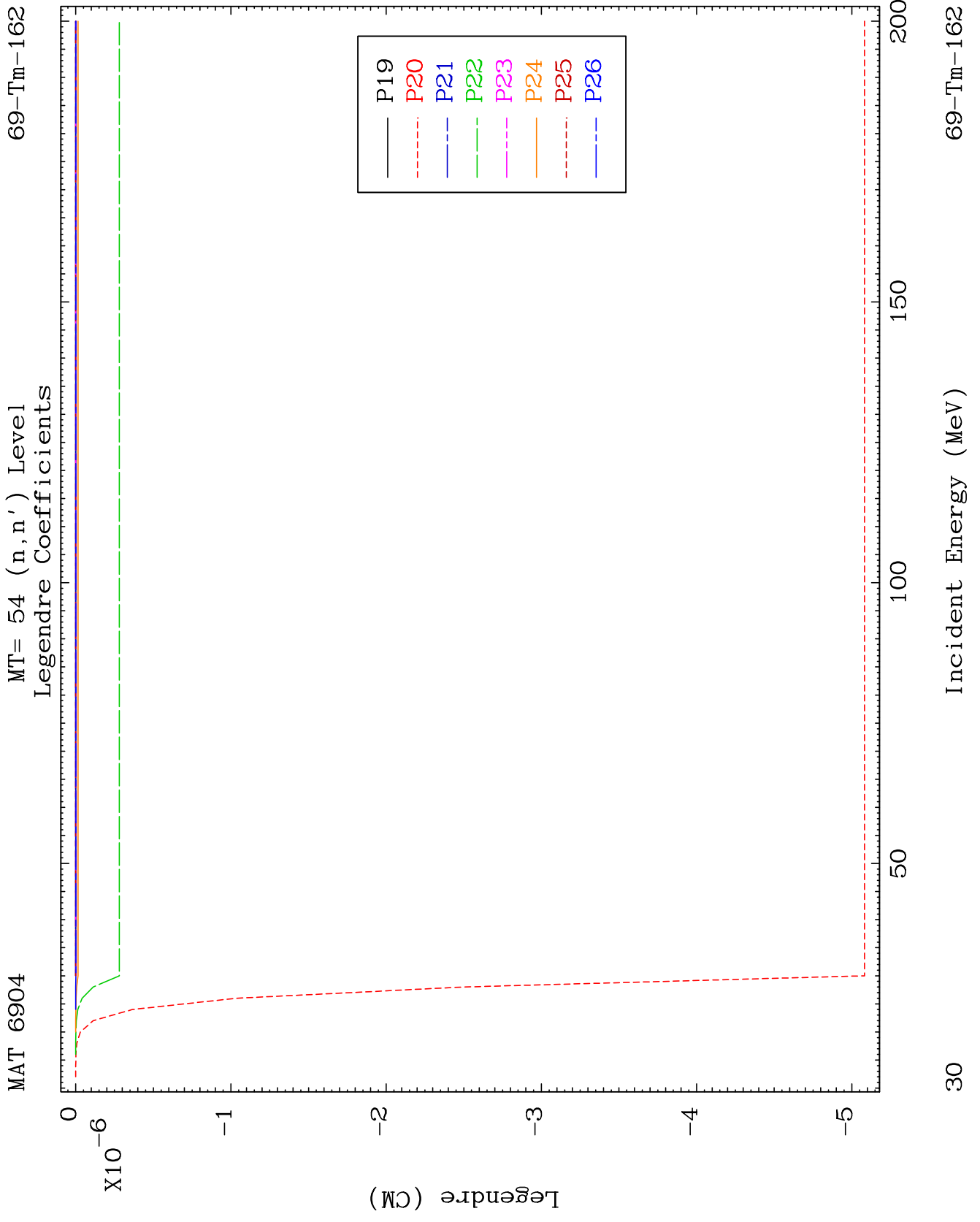


MAT 6904

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

69-Tm-162

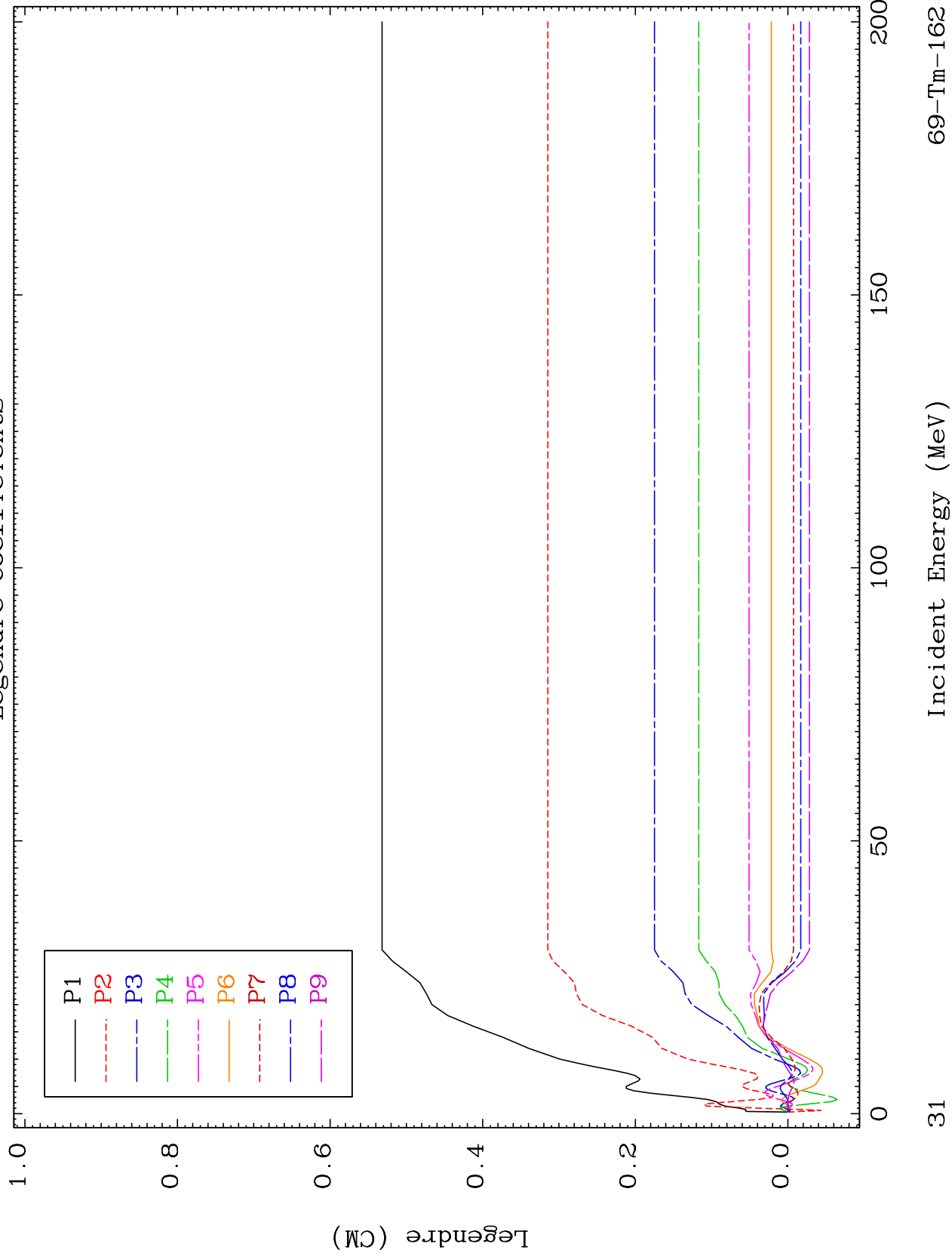




MAT 6904

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

69-Tm-162



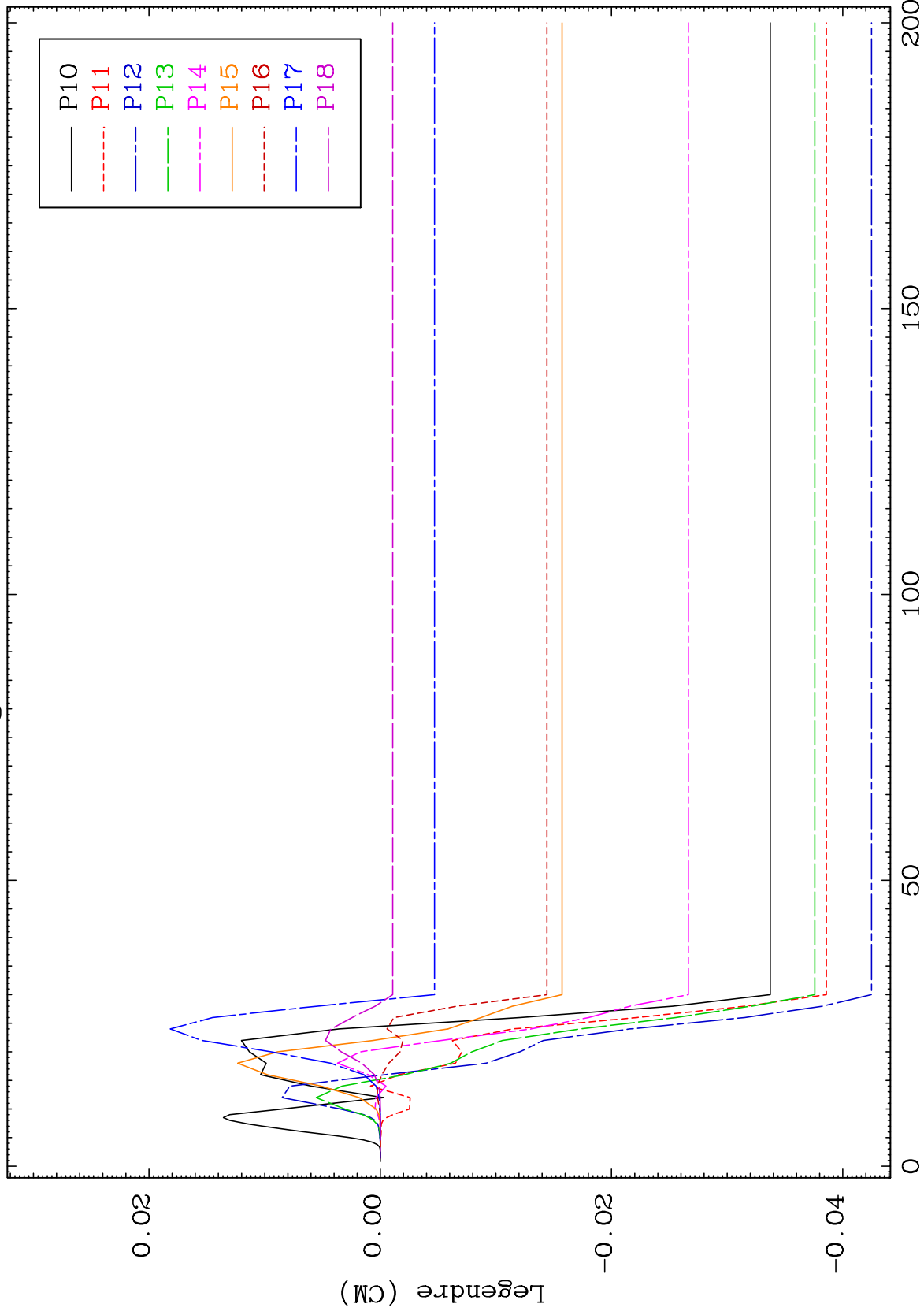
31

69-Tm-162

MAT 6904

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

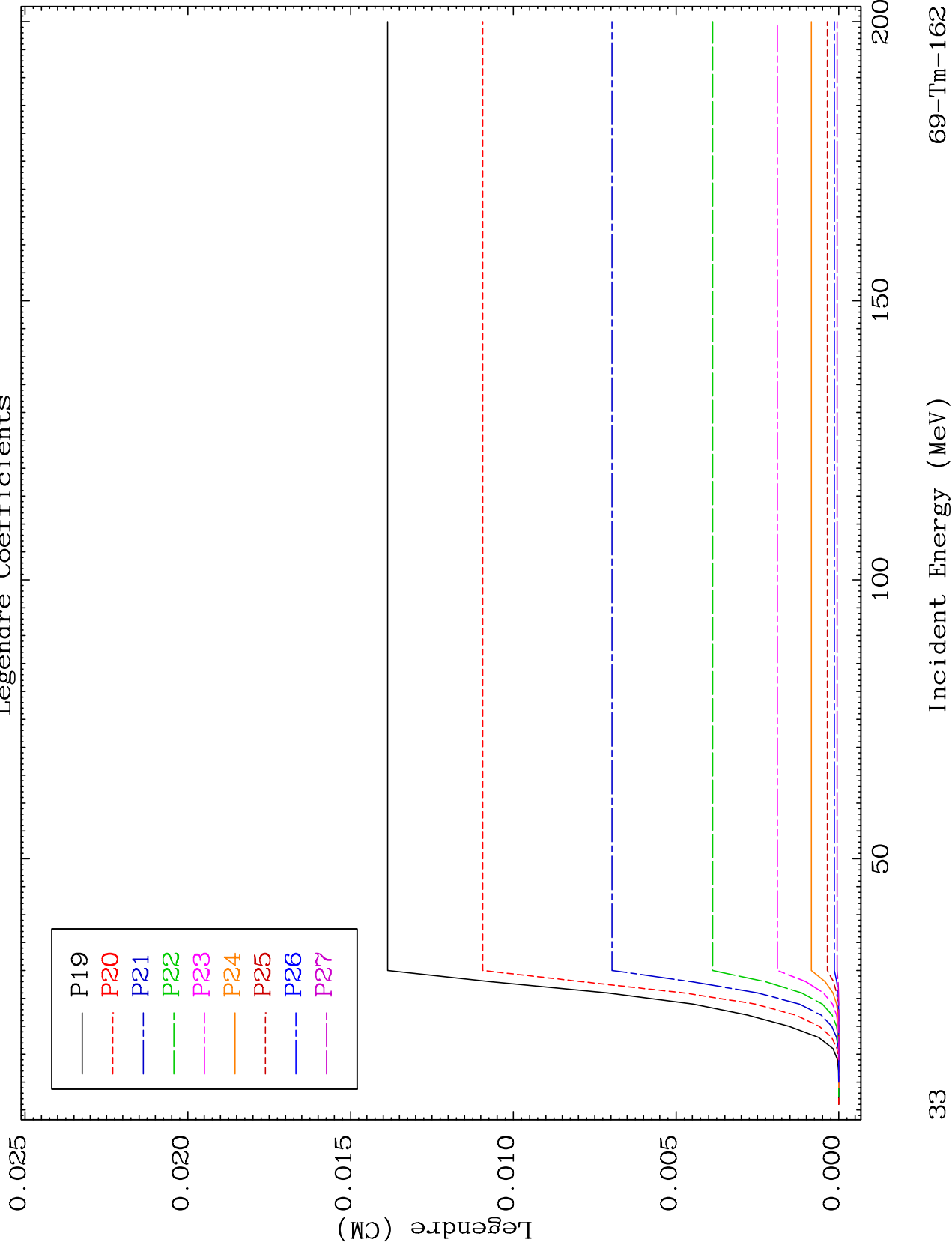
69-Tm-162

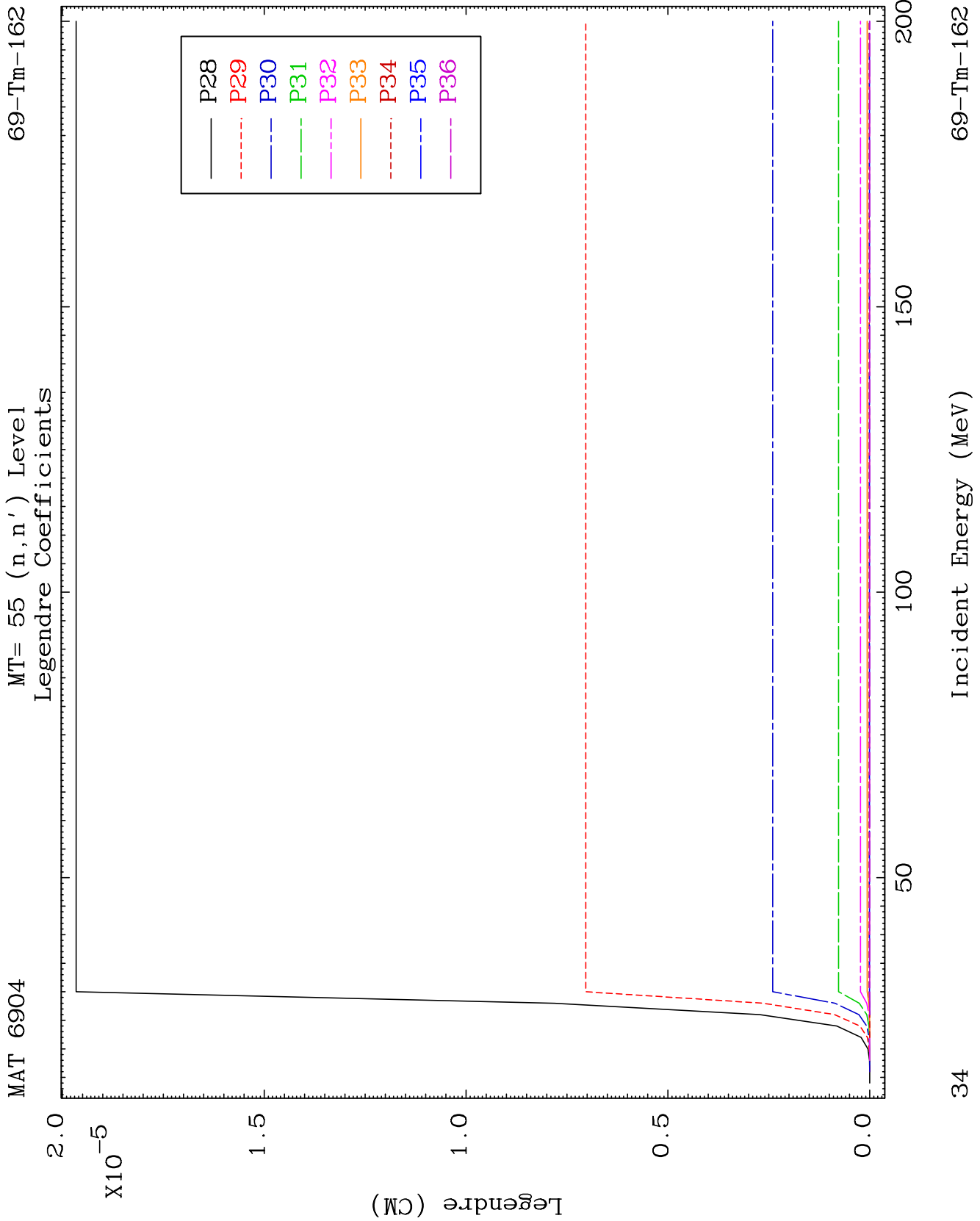


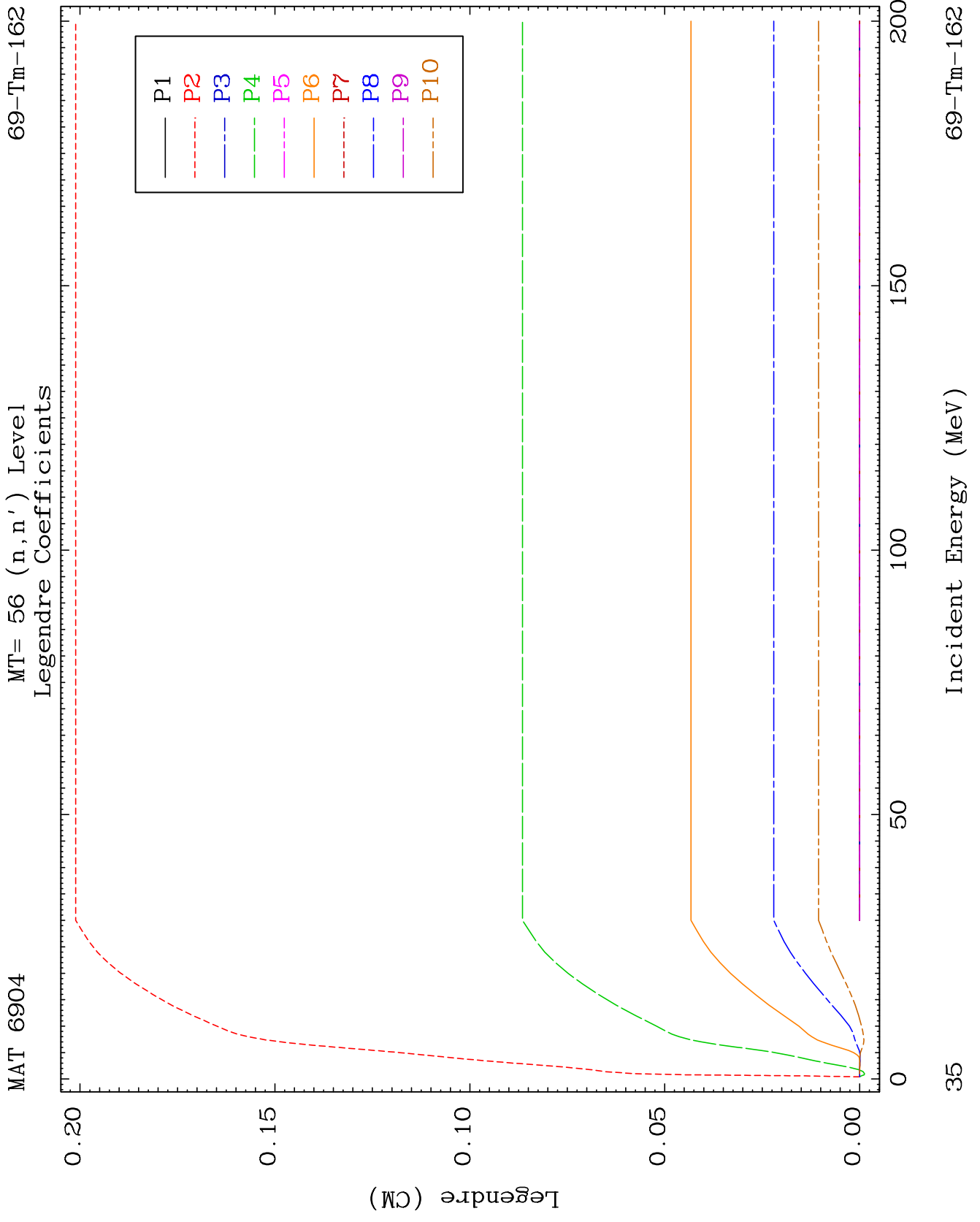
32

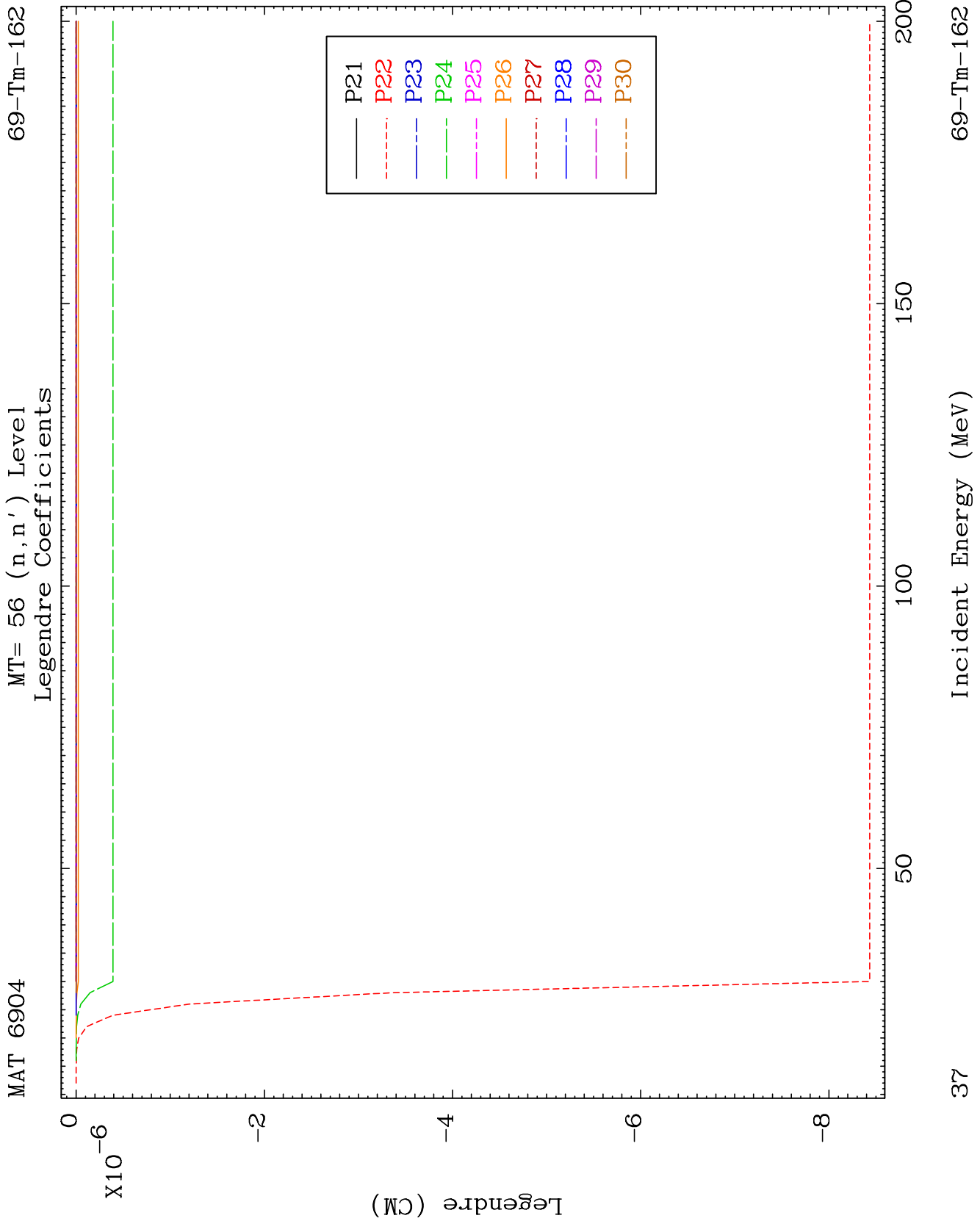
Incident Energy (MeV)

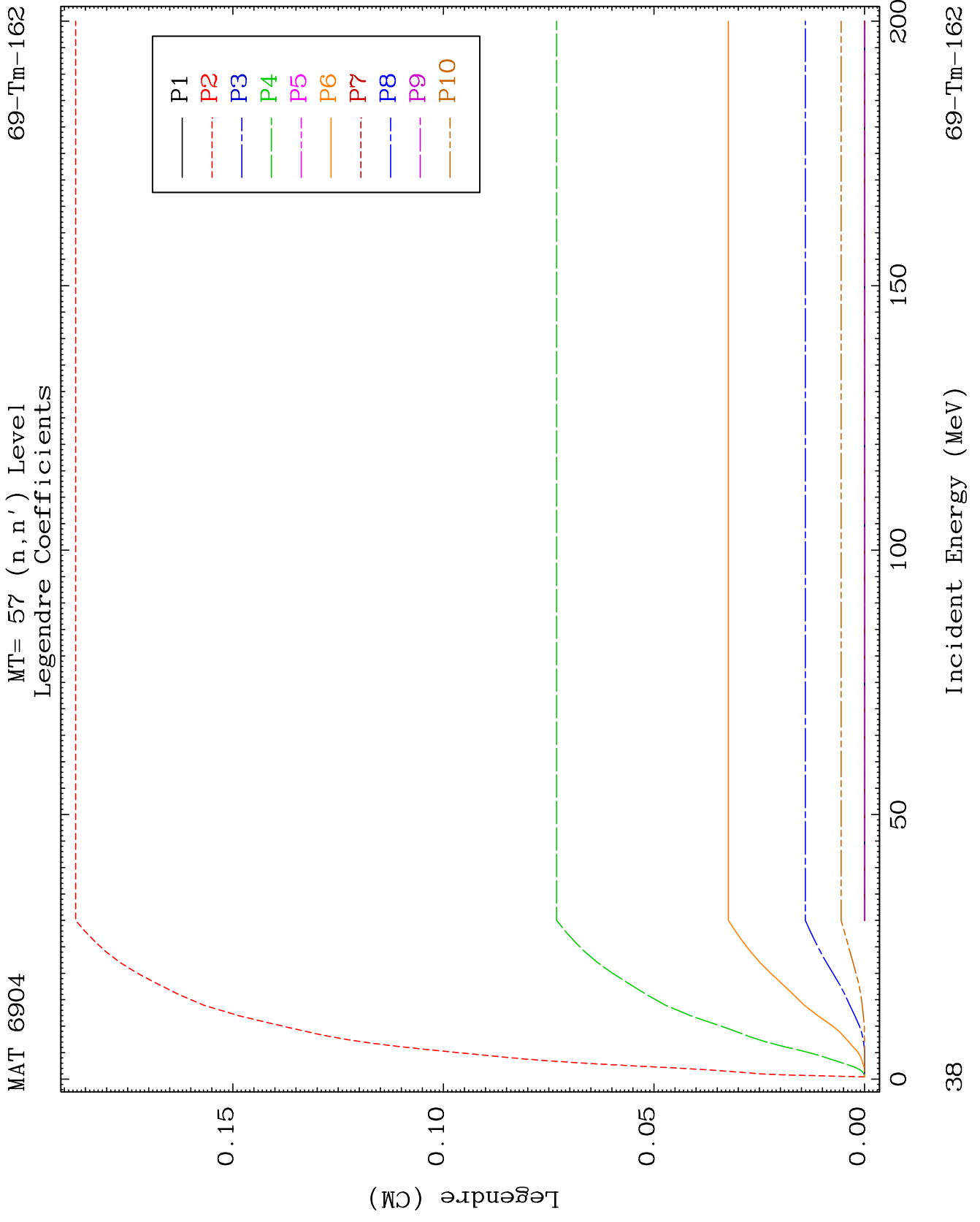
69-Tm-162







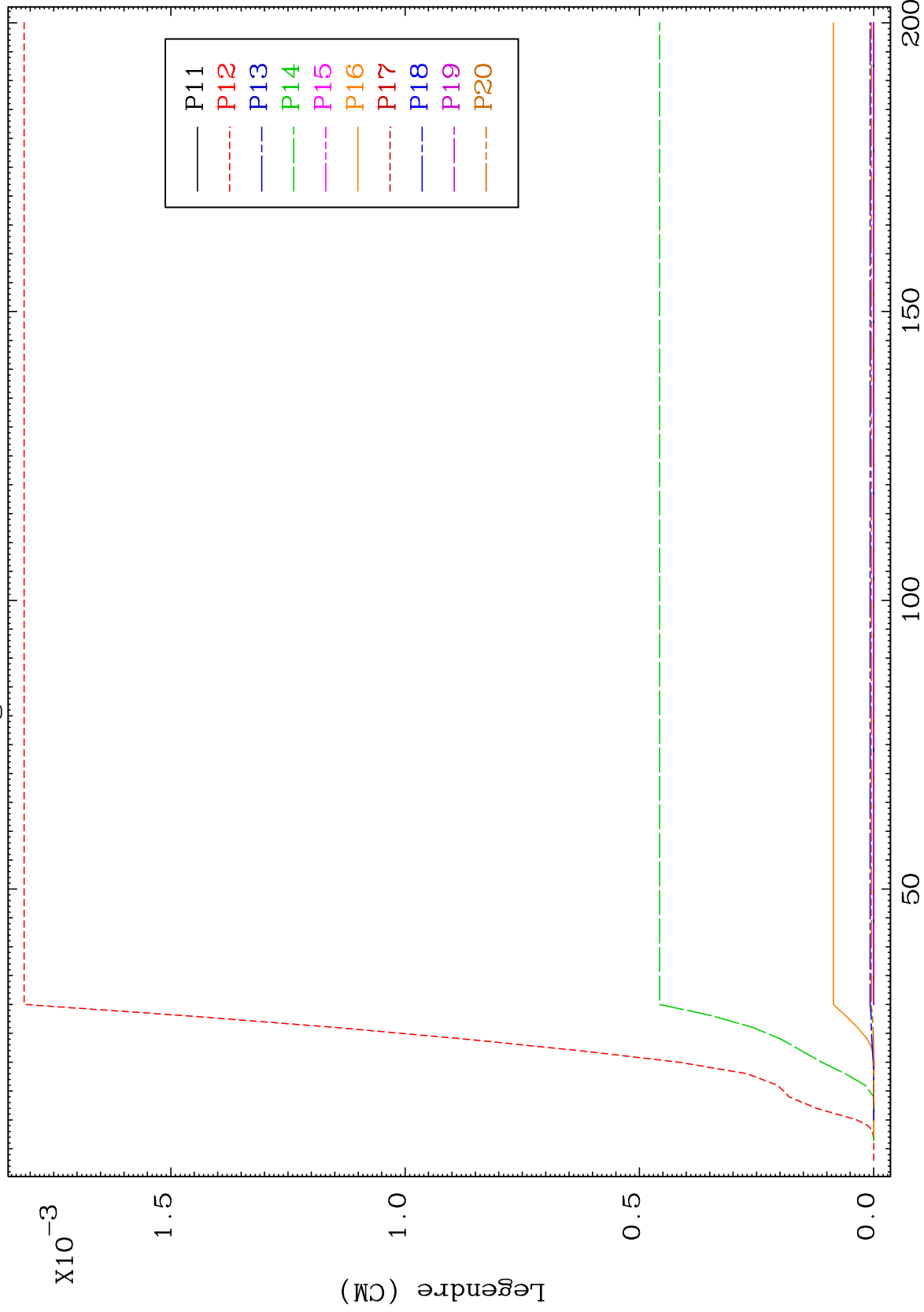




MAT 6904

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

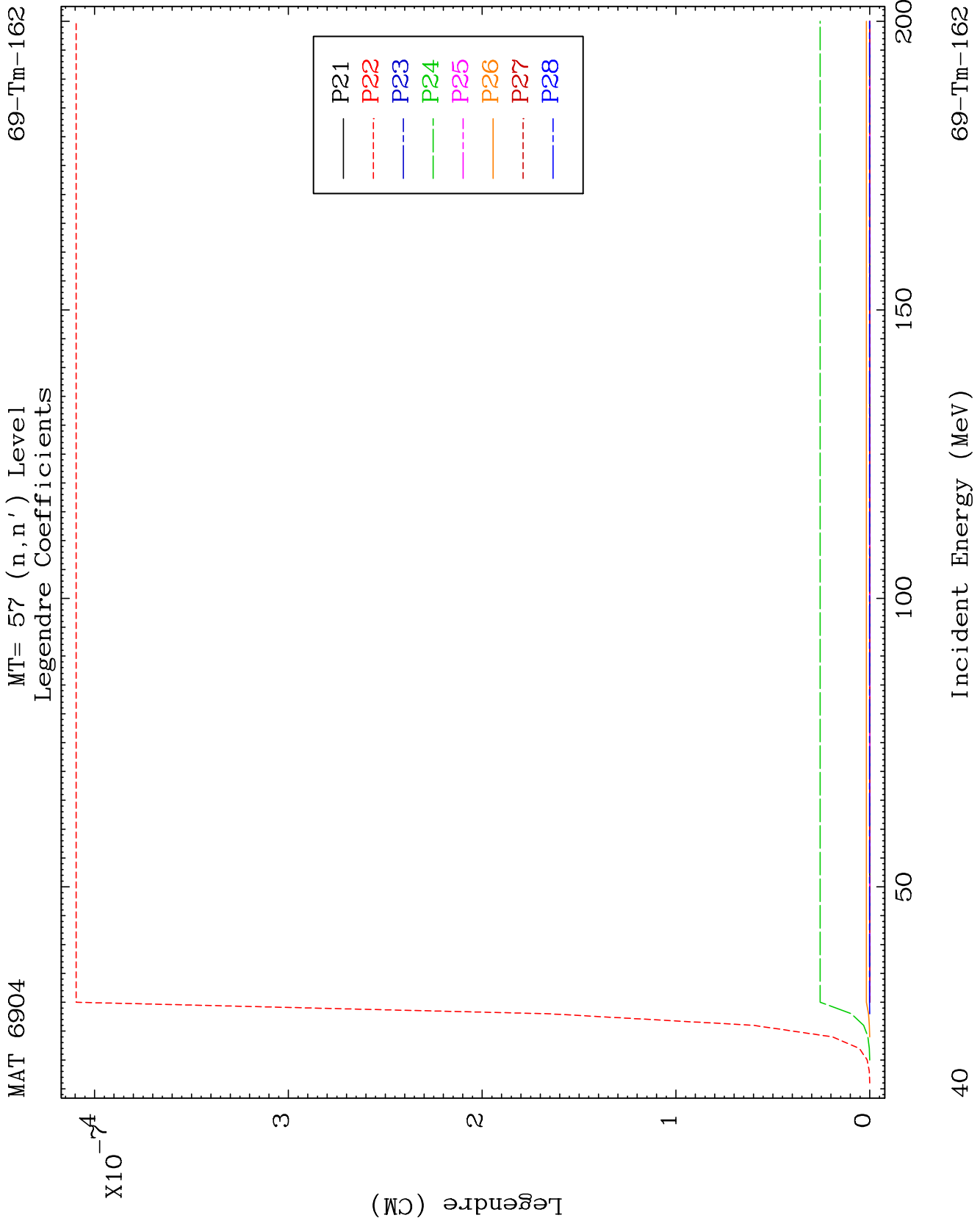
69-Tm-162



39

Incident Energy (MeV)

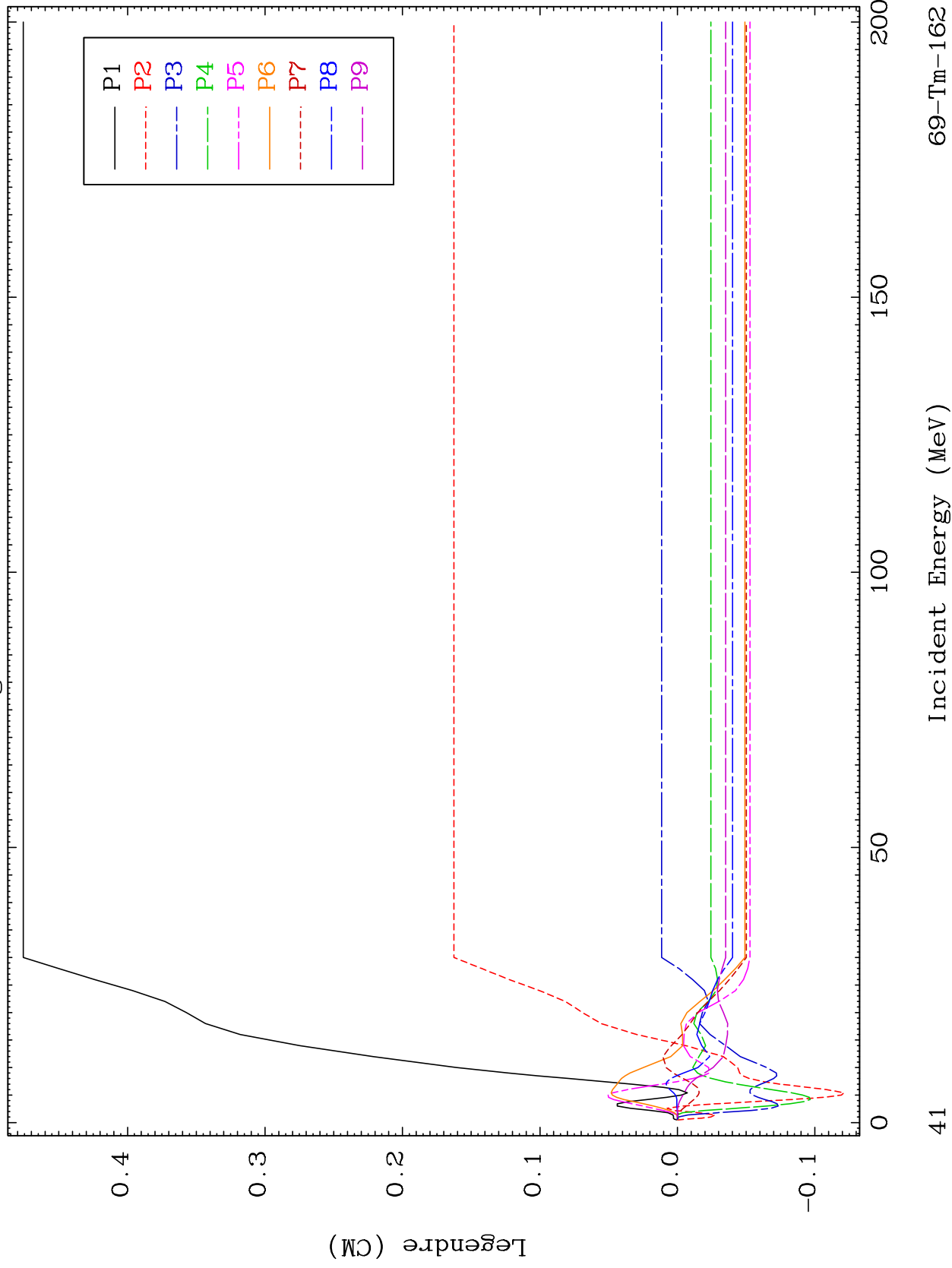
69-Tm-162



MAT 6904

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

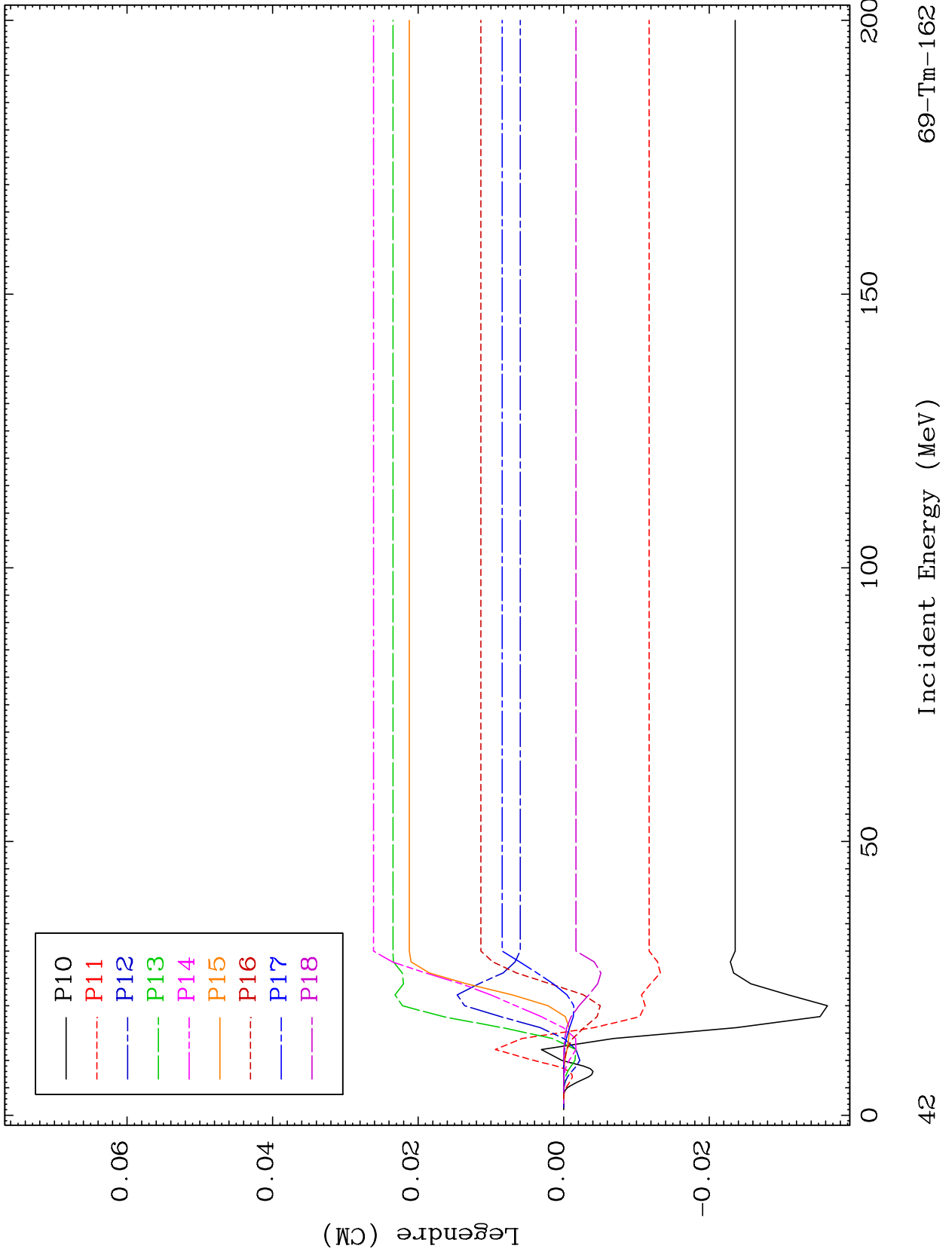
69-Tm-162



MAT 6904

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

69-Tm-162



42

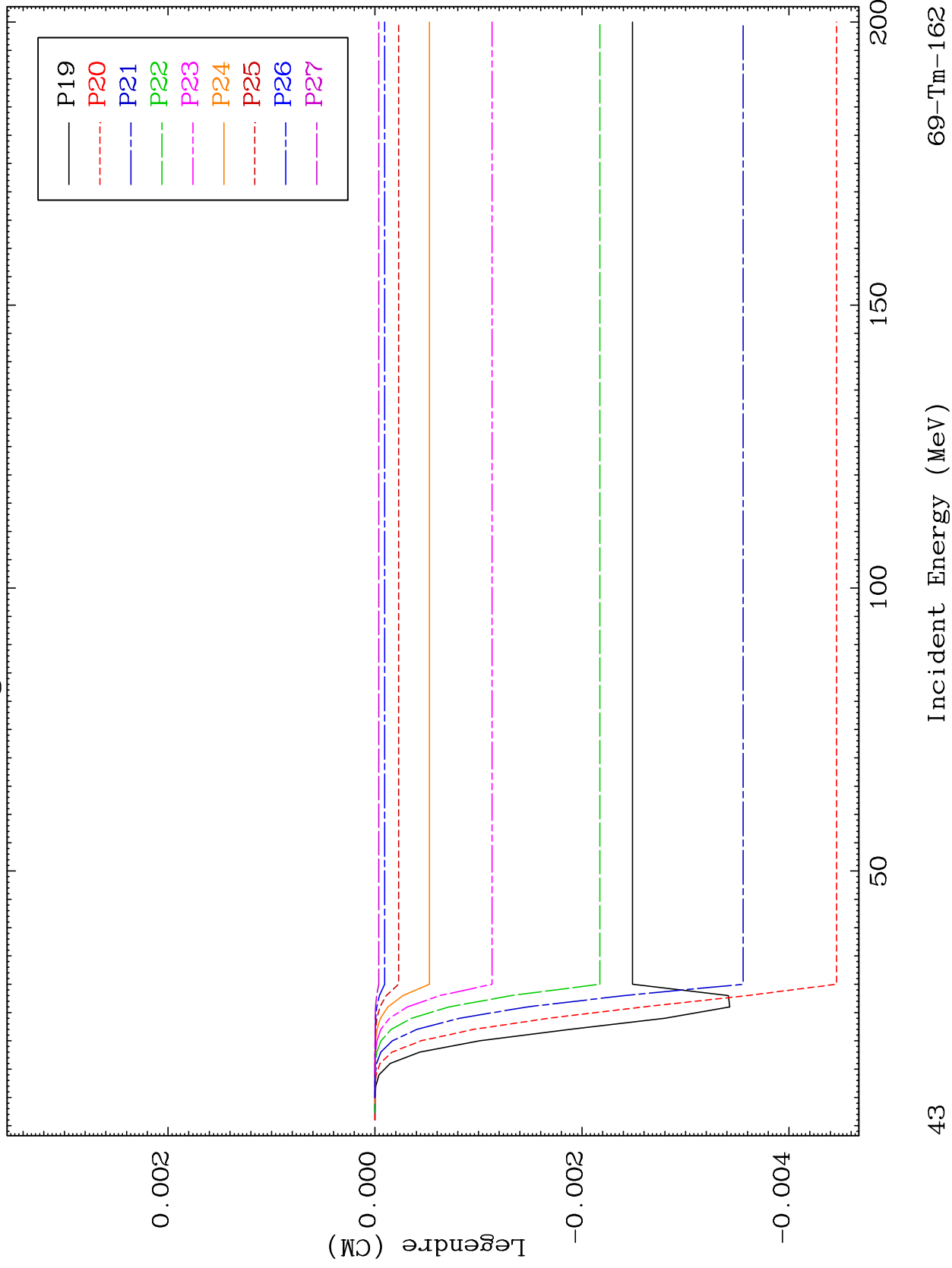
Incident Energy (MeV)

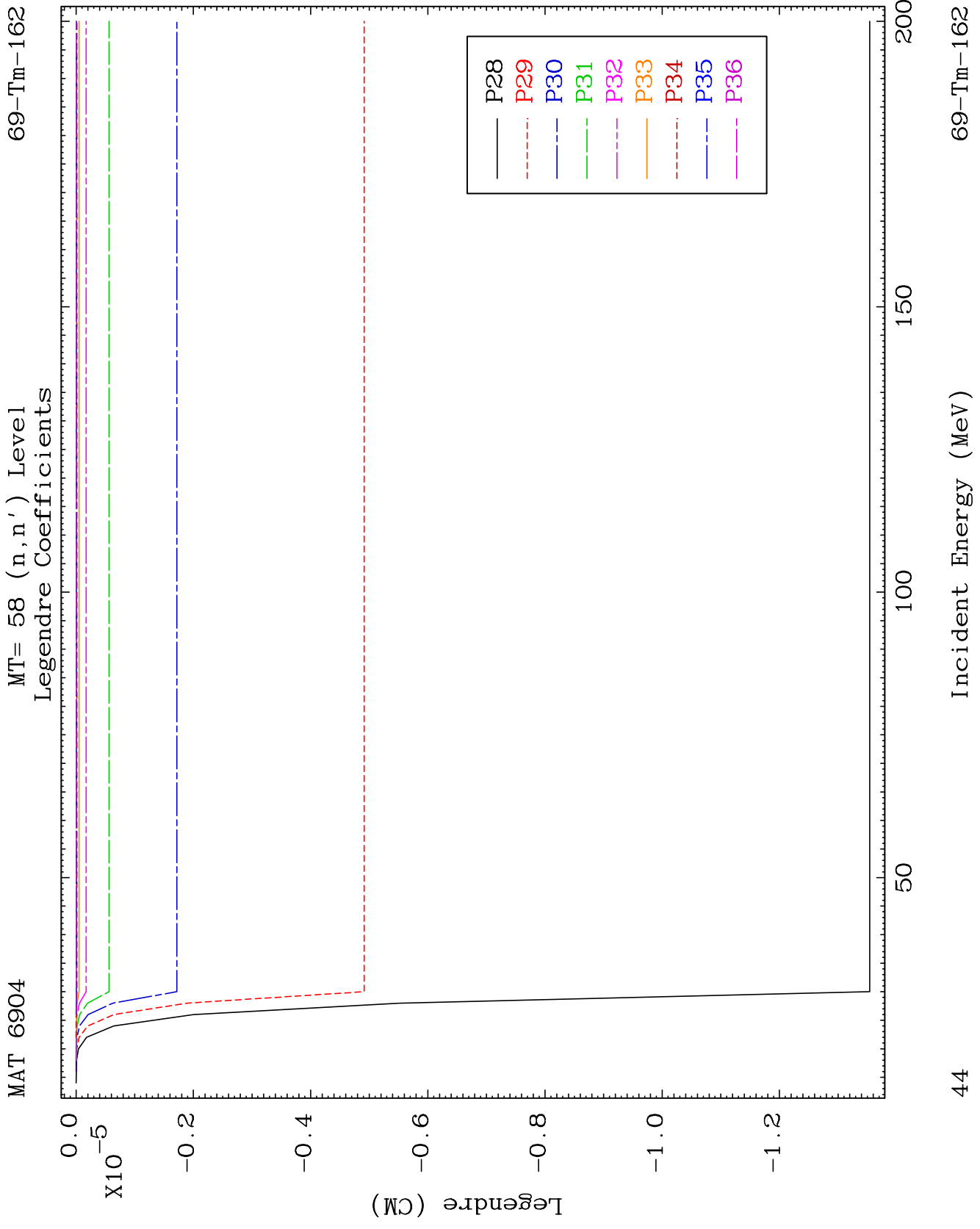
69-Tm-162

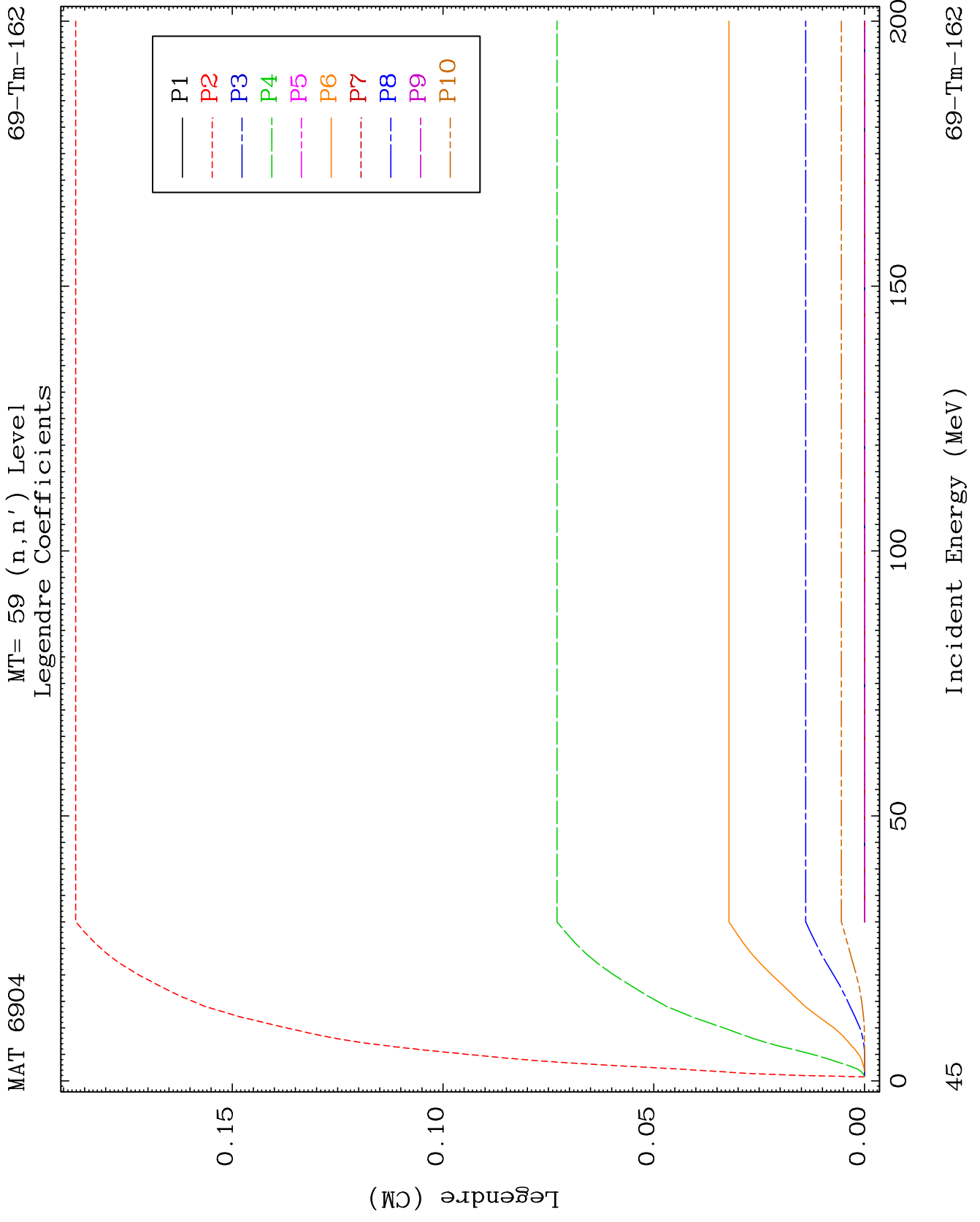
MAT 6904

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

69-Tm-162



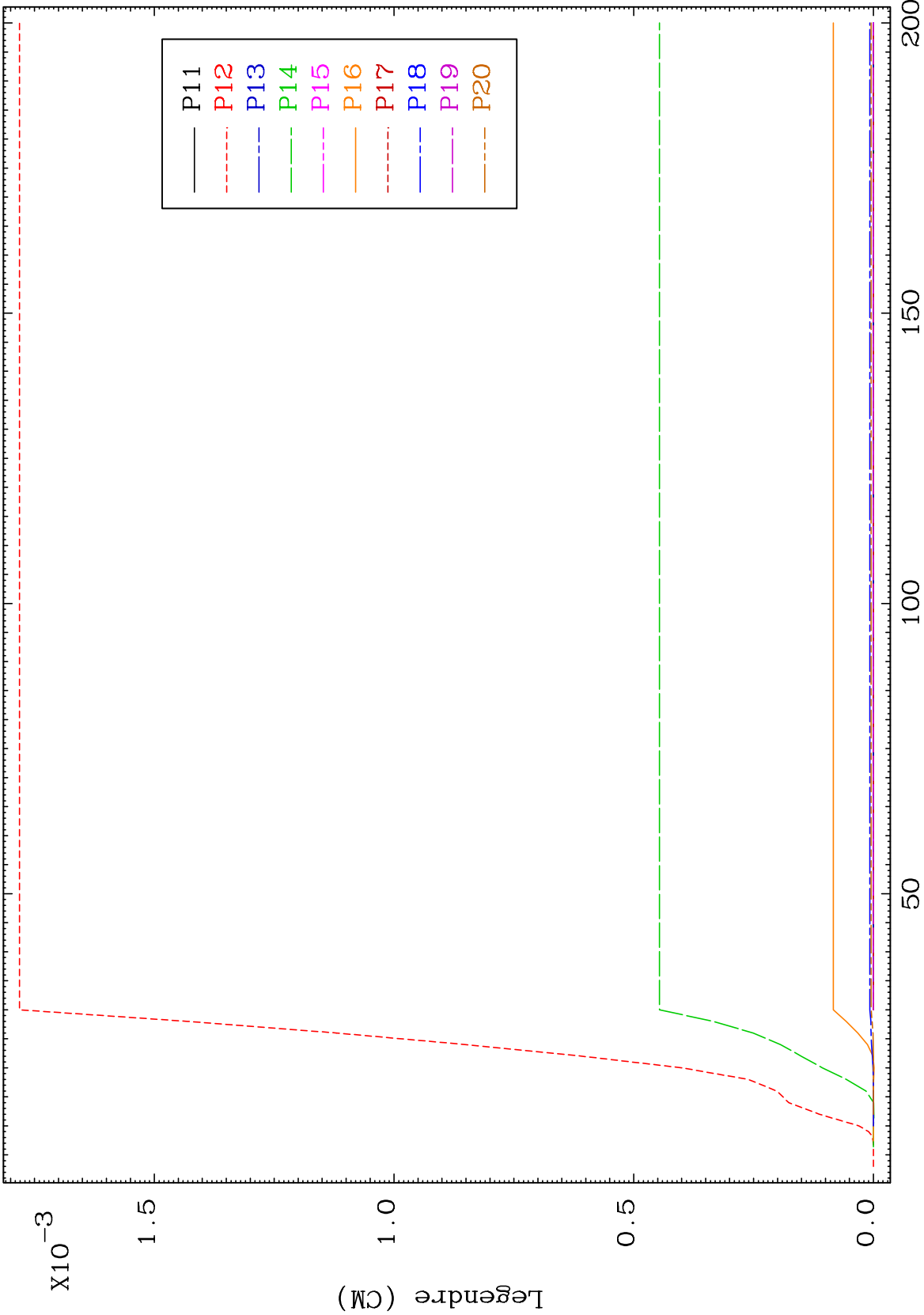




MAT 6904

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

69-Tm-162



46

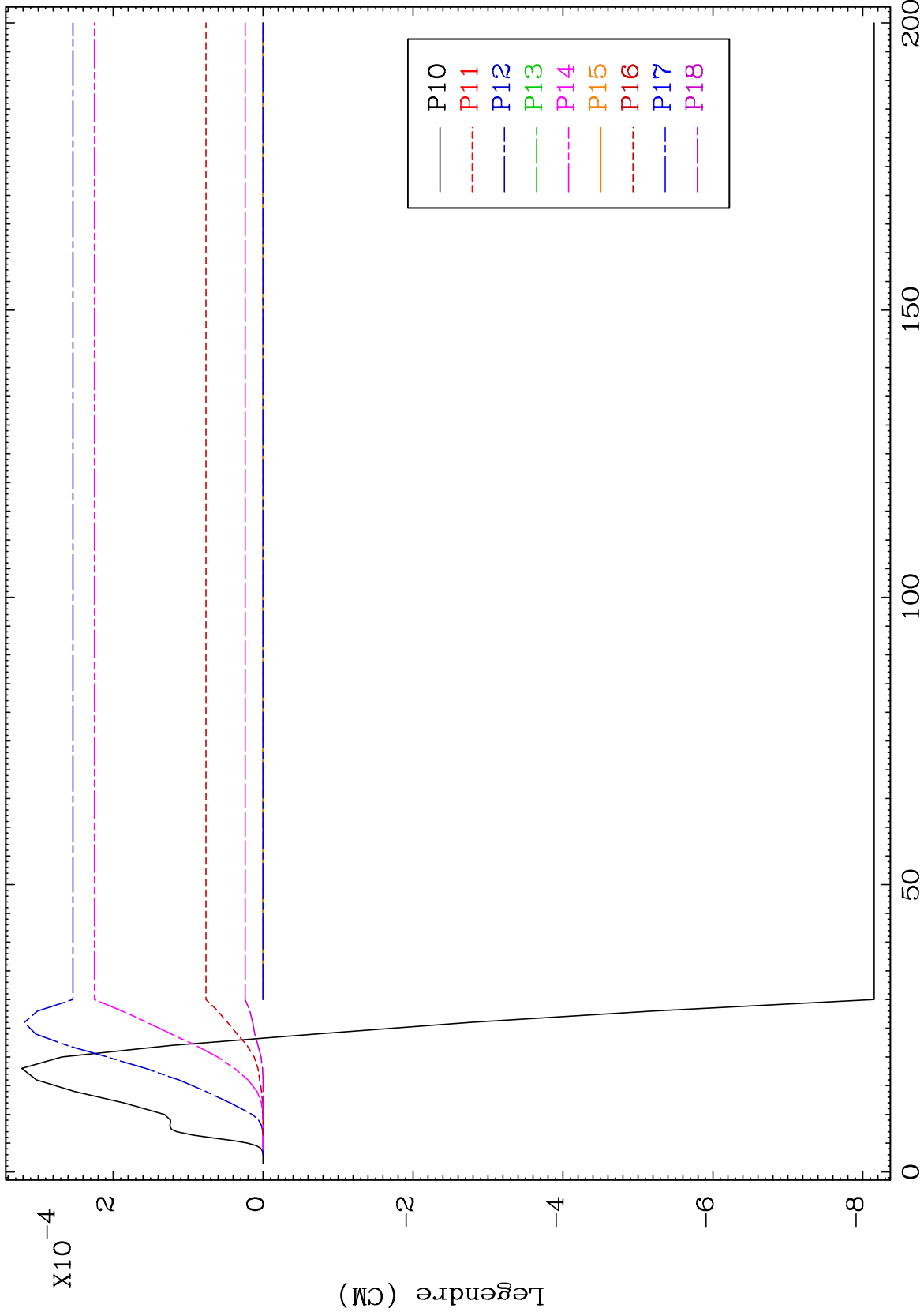
Incident Energy (MeV)

69-Tm-162

MAT 6904

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

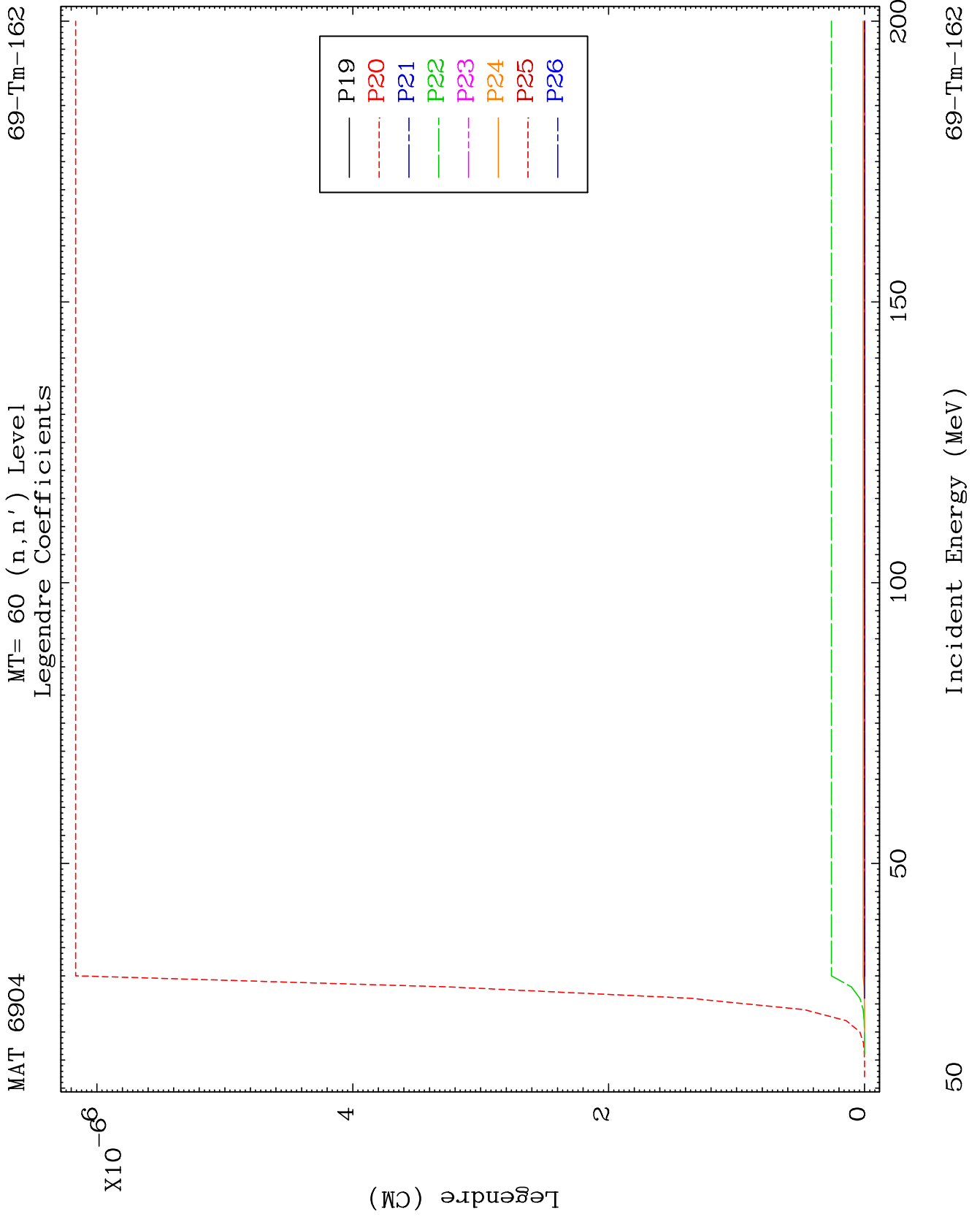
69-Tm-162



49

Incident Energy (MeV)

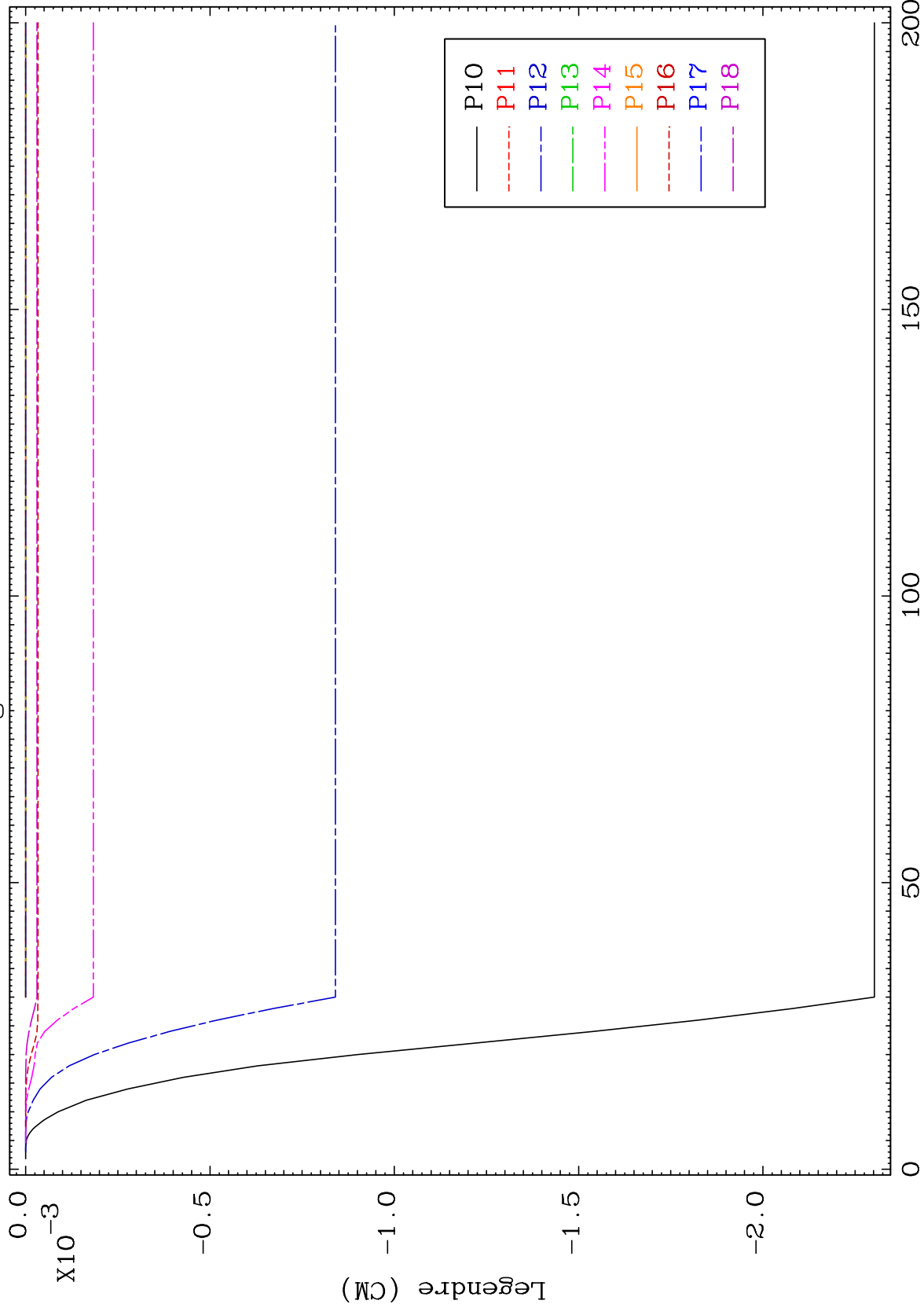
69-Tm-162



MAT 6904

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

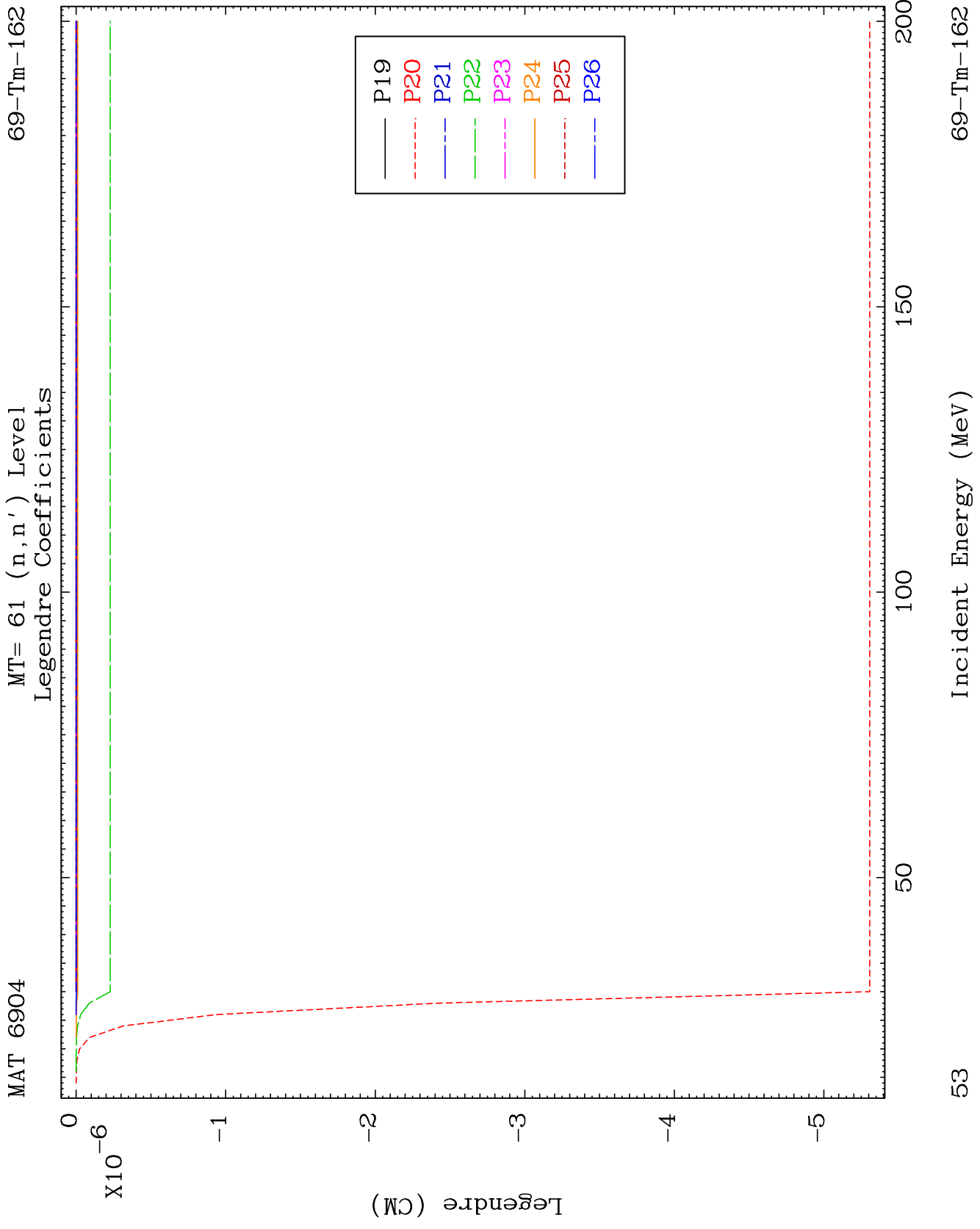
69-Tm-162

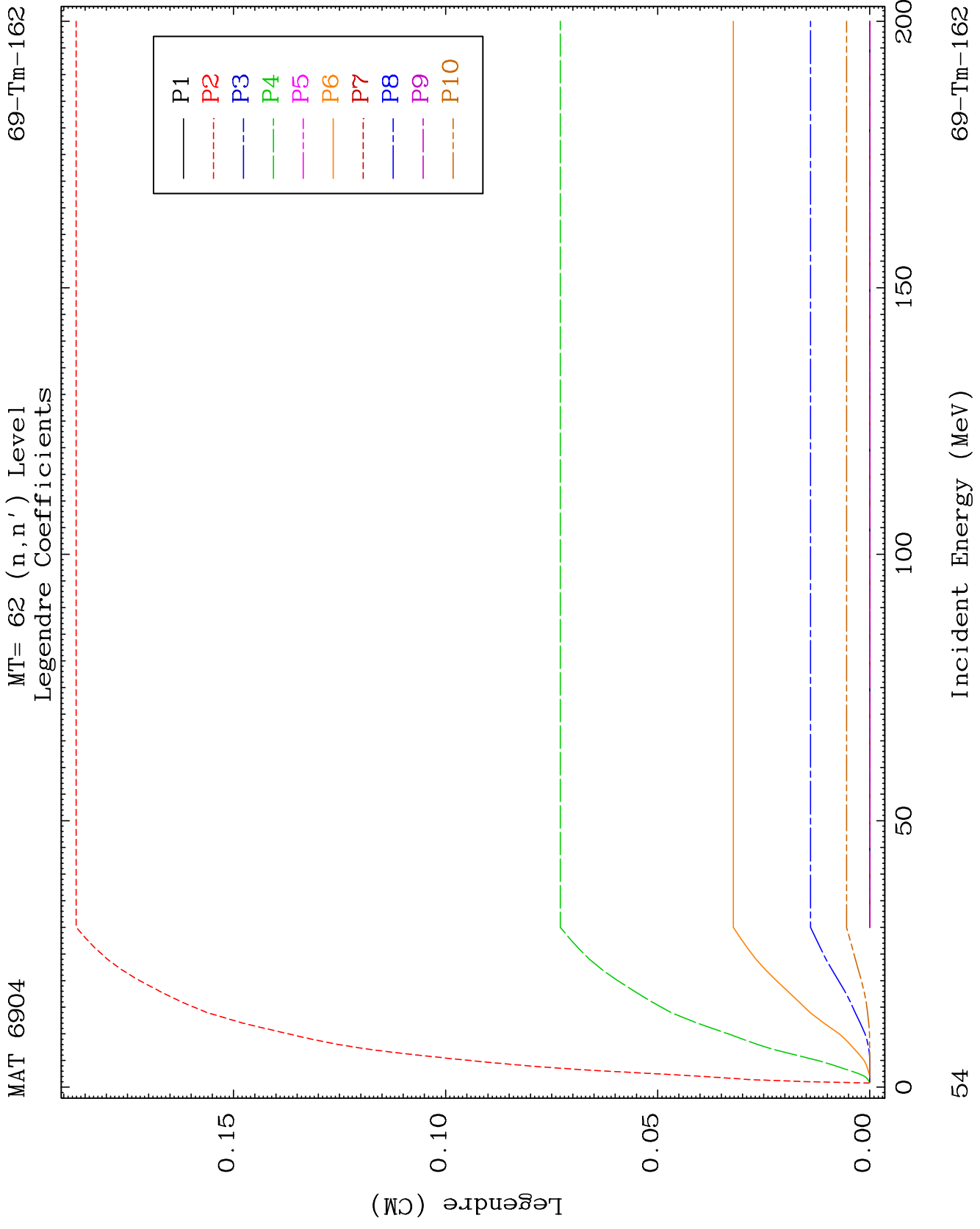


52

Incident Energy (MeV)

69-Tm-162

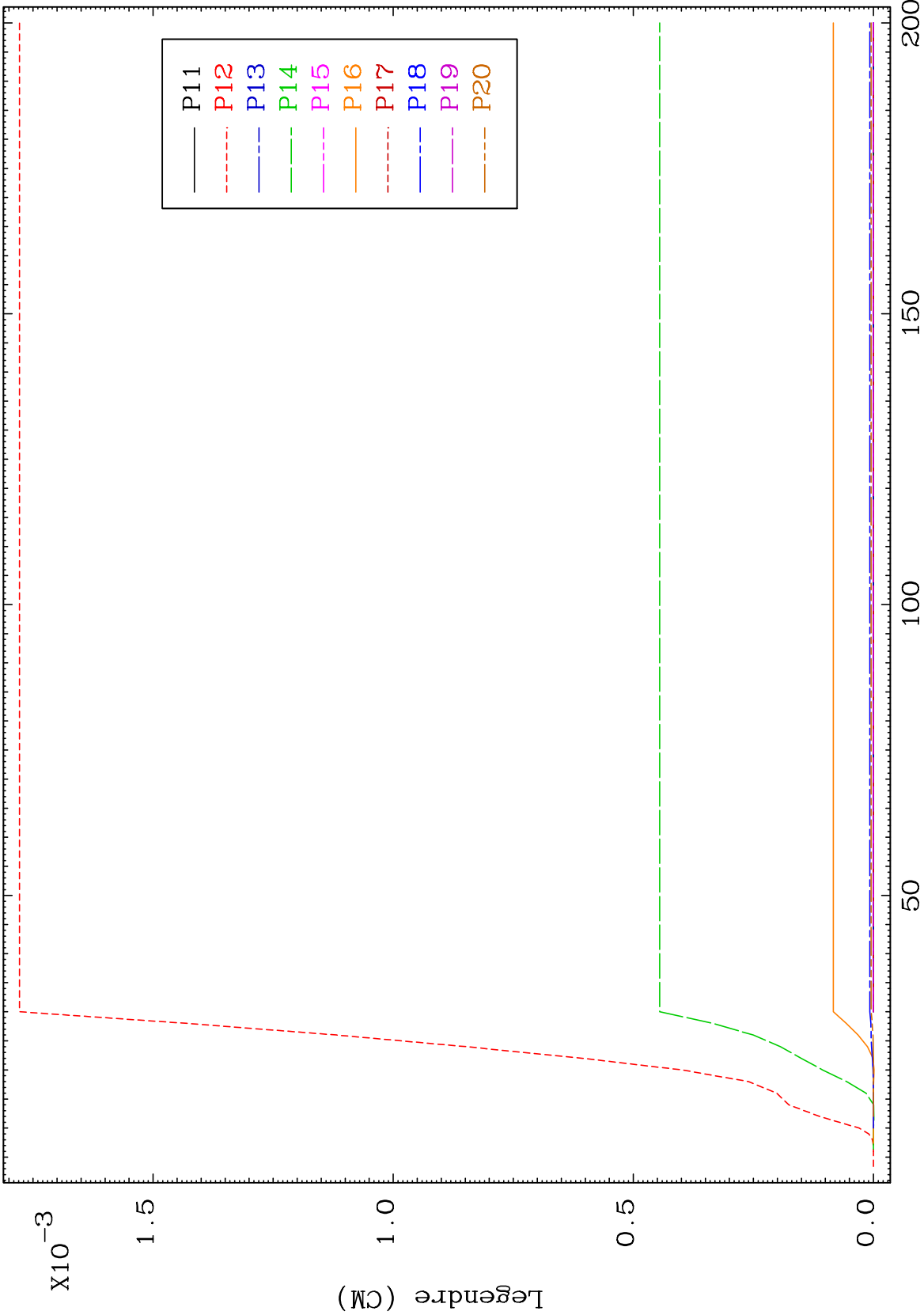




MAT 6904

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

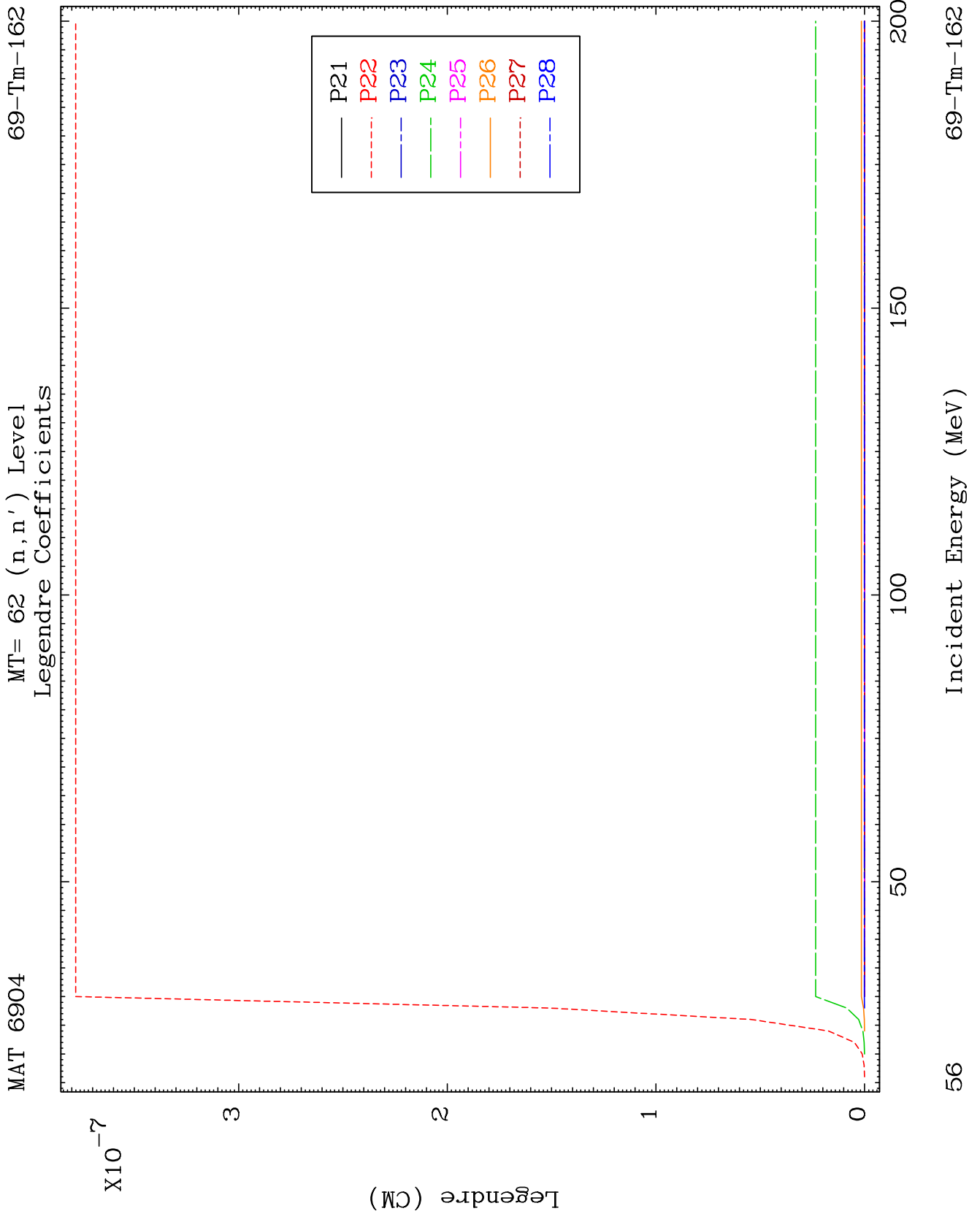
69-Tm-162



55

Incident Energy (MeV)

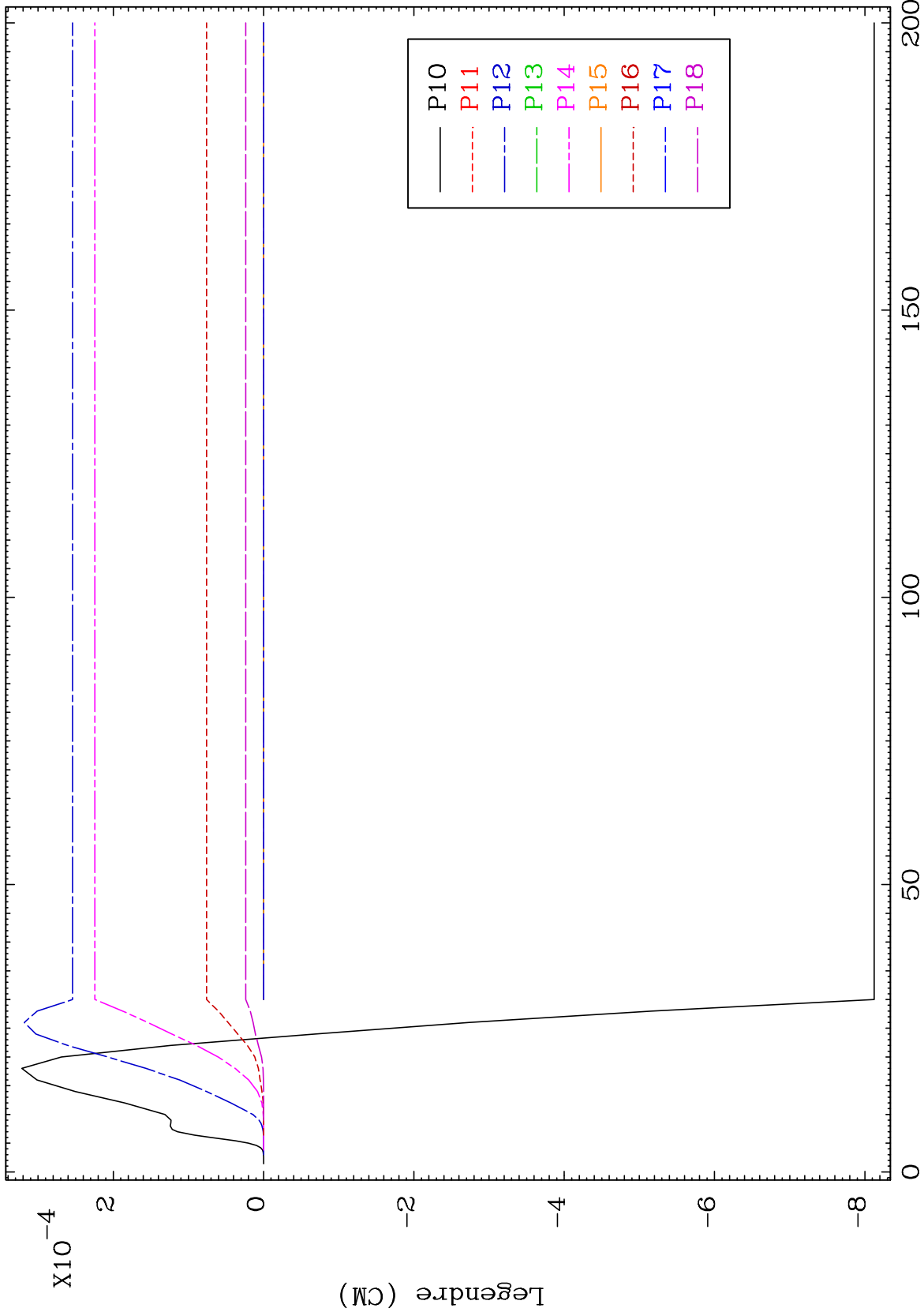
69-Tm-162



MAT 6904

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

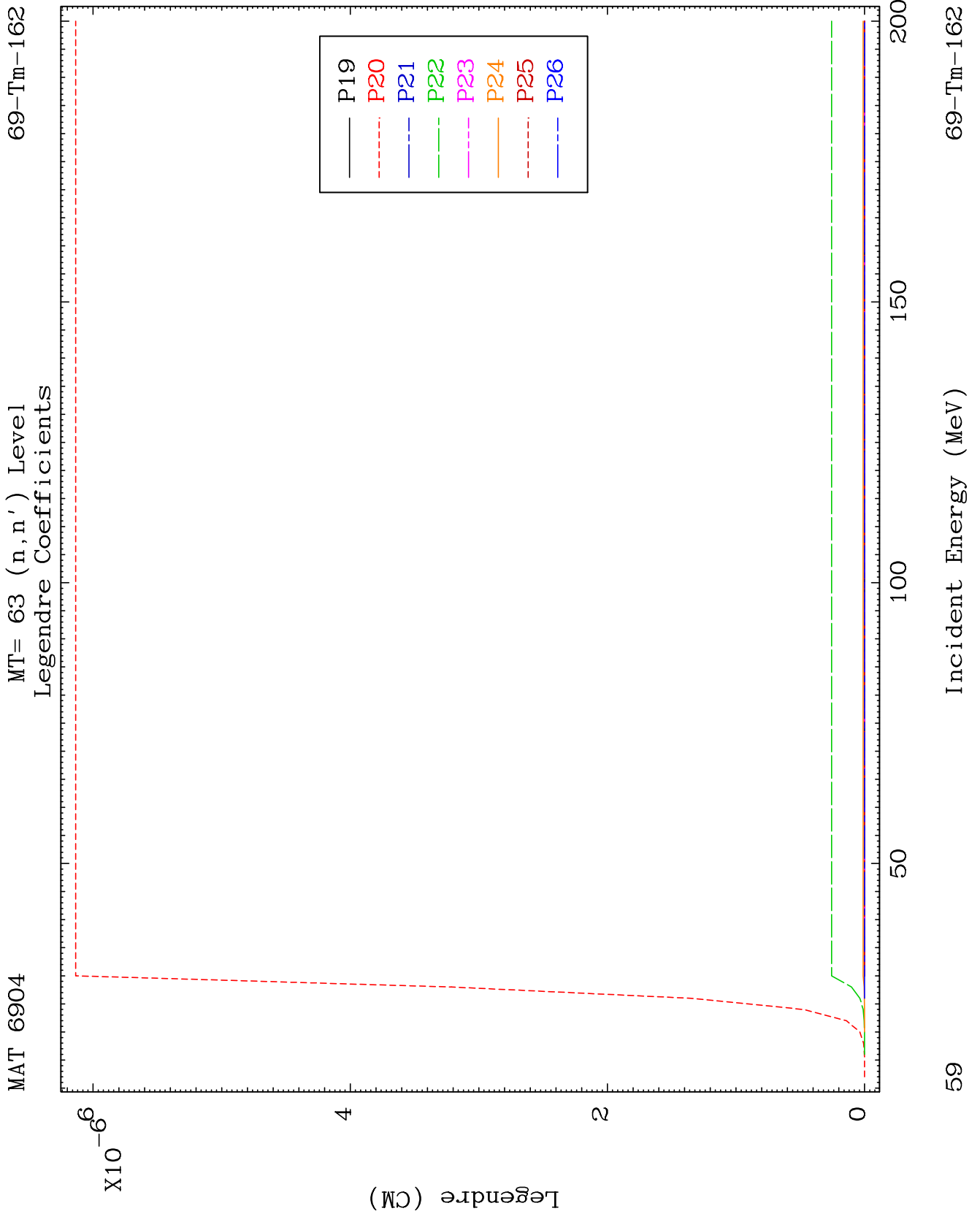
69-Tm-162

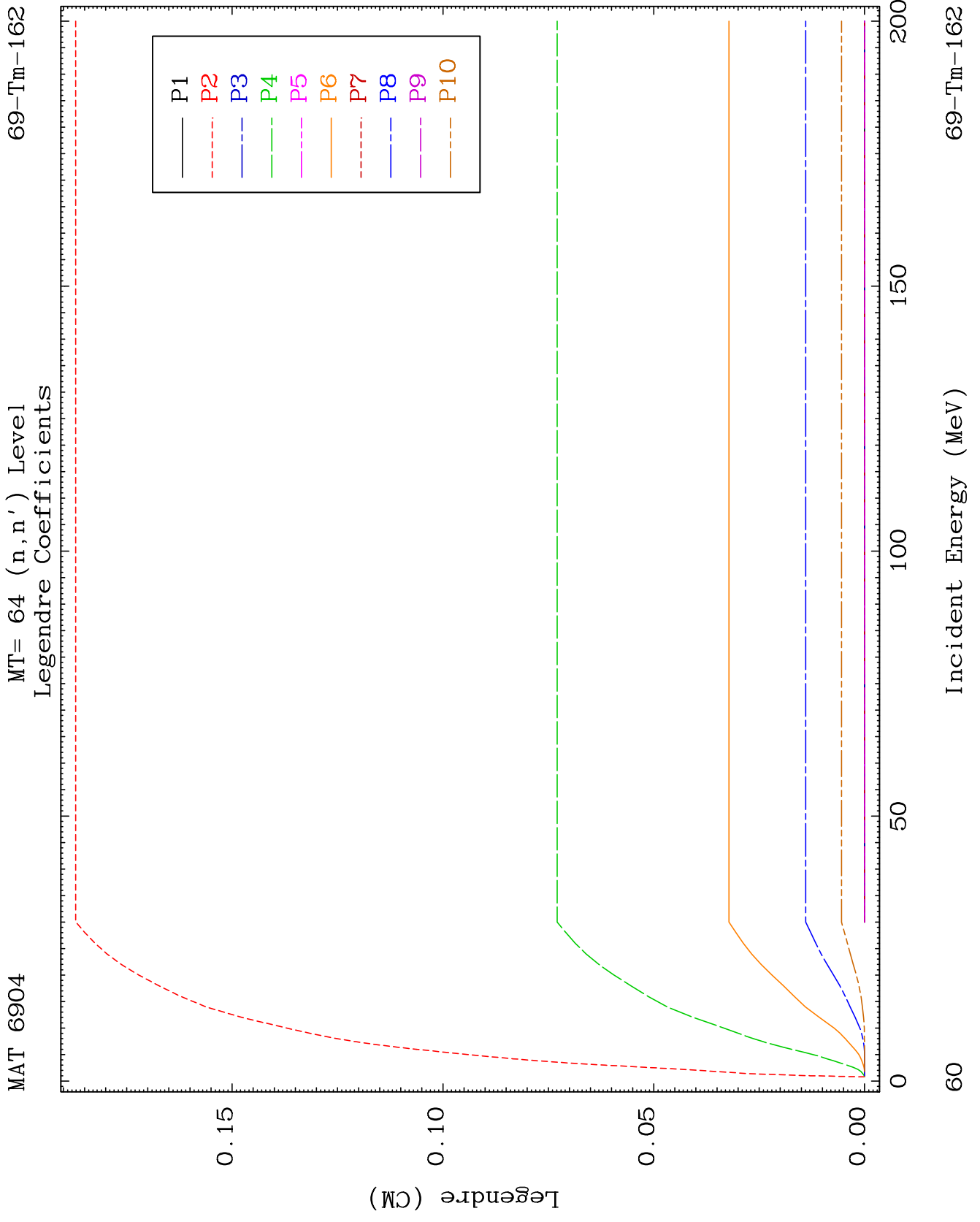


58

Incident Energy (MeV)

69-Tm-162

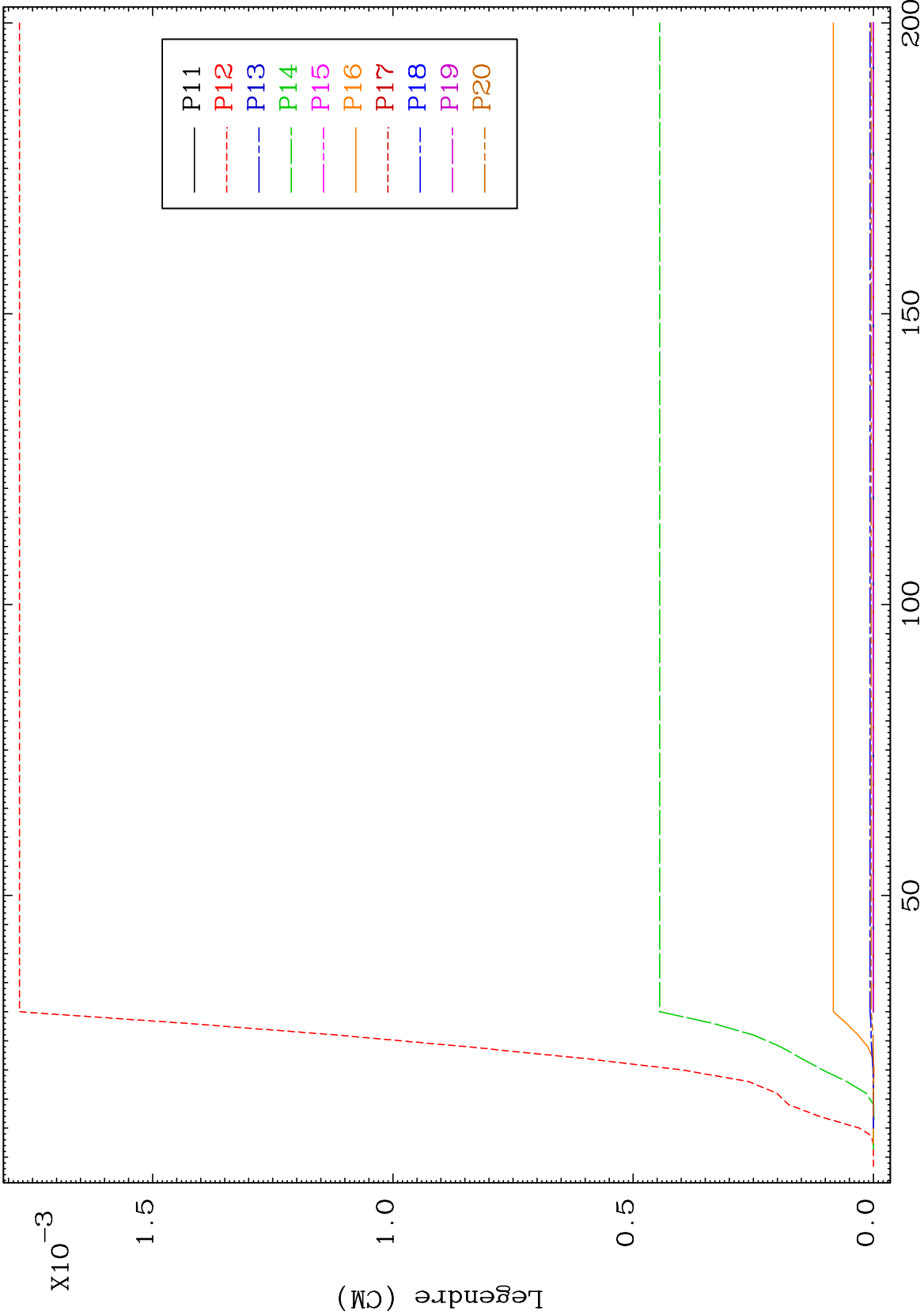




MAT 6904

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

69-Tm-162



61

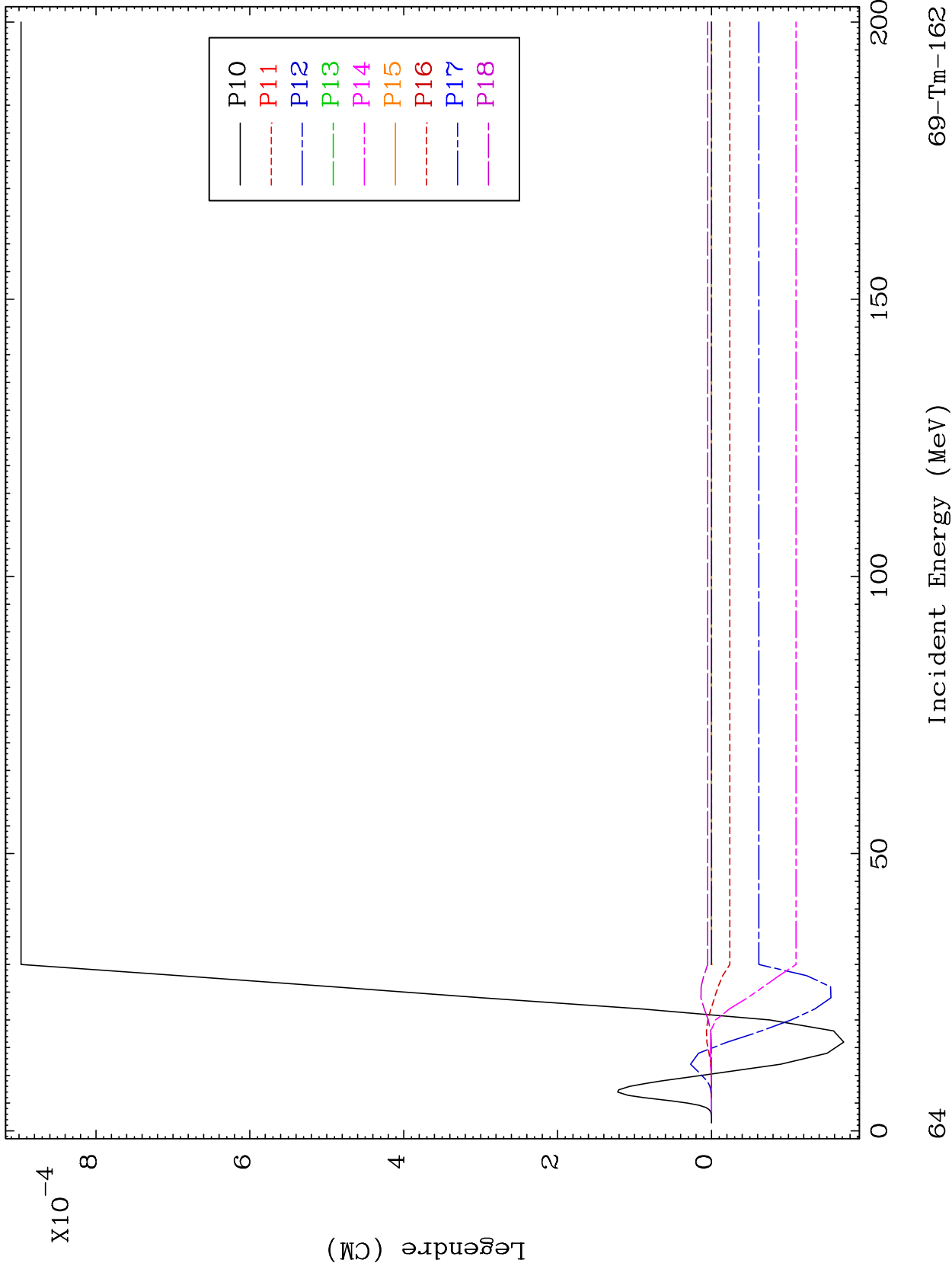
Incident Energy (MeV)

69-Tm-162

MAT 6904

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

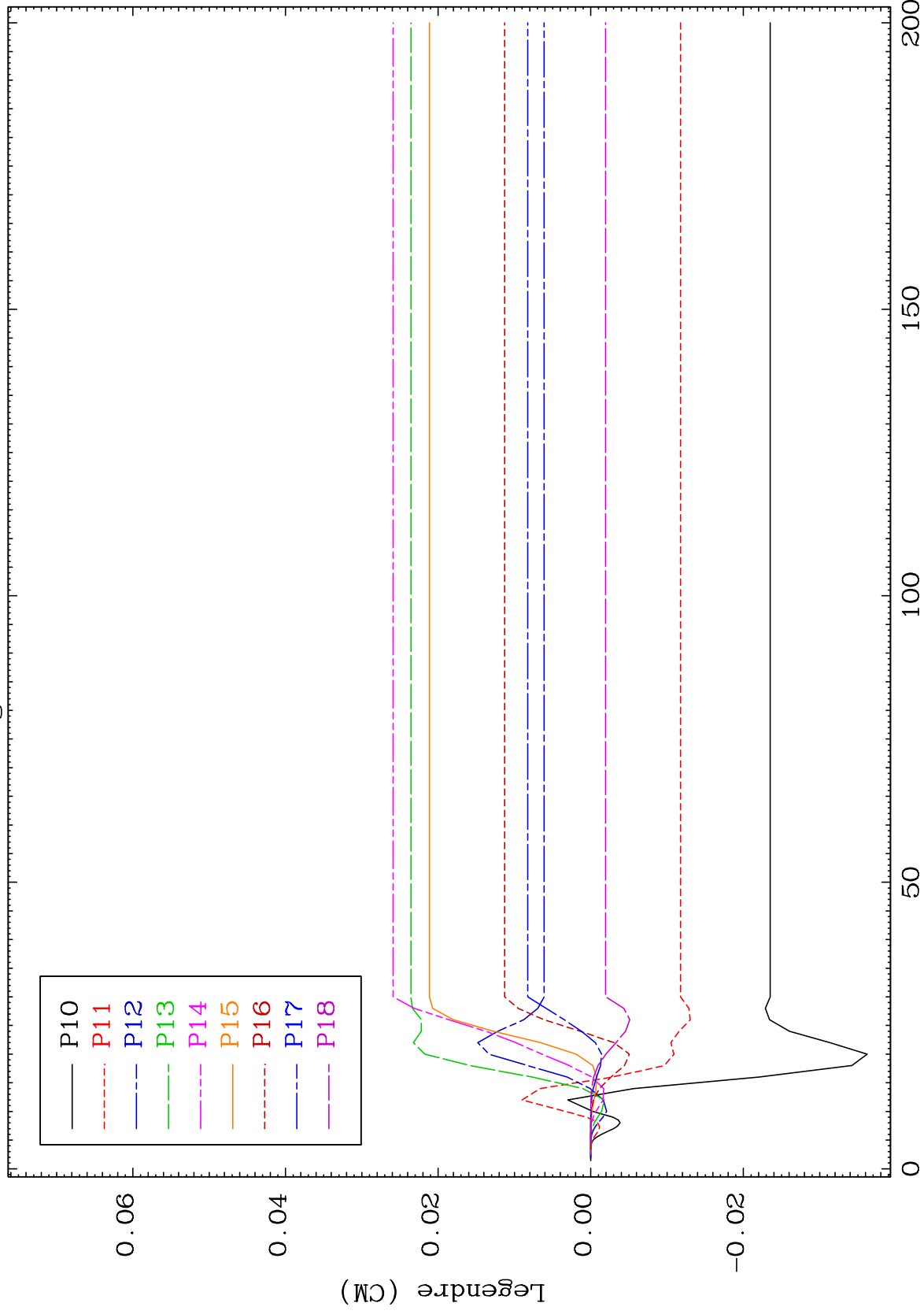
69-Tm-162



MAT 6904

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

69-Tm-162



67

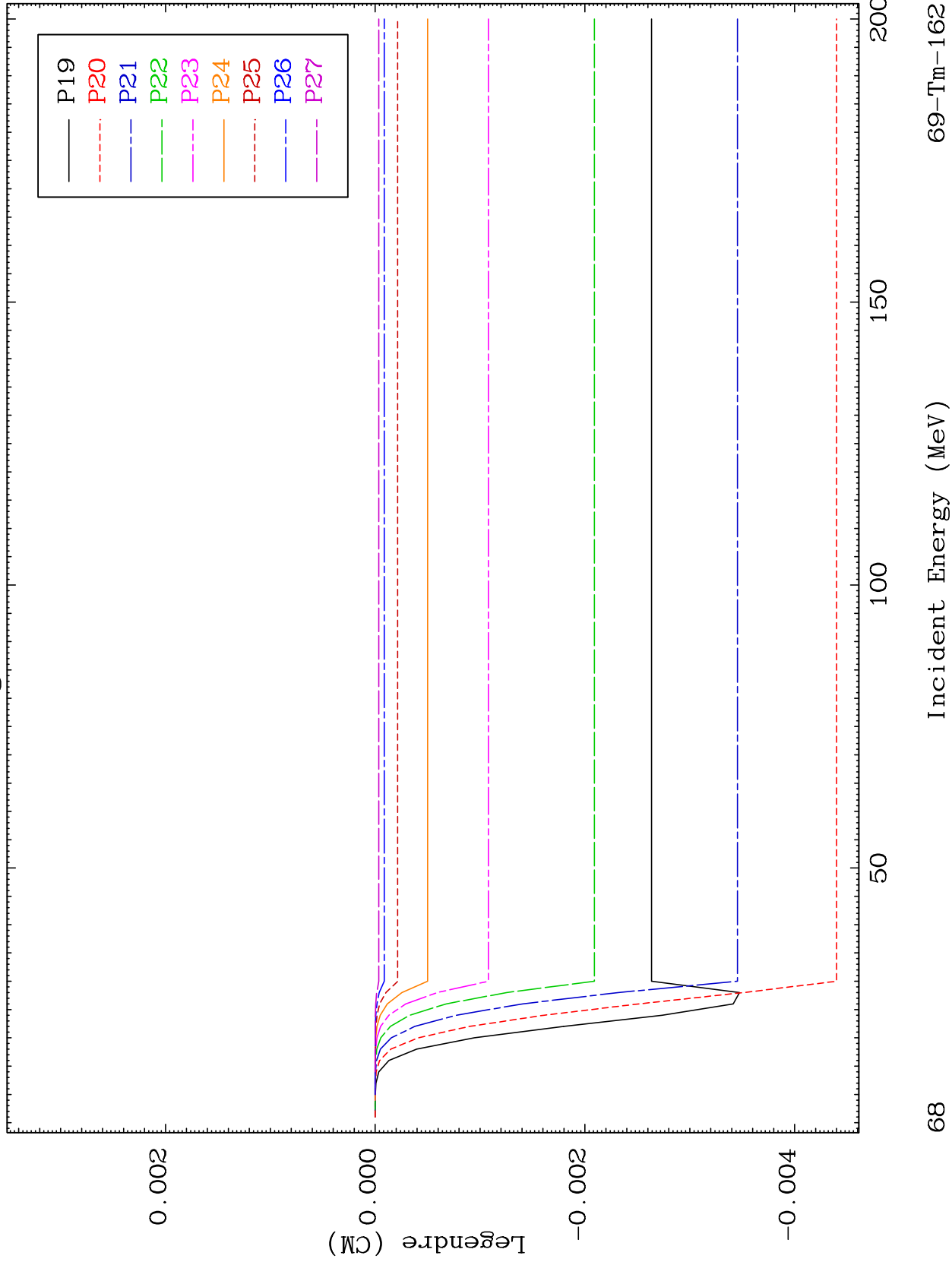
Incident Energy (MeV)

69-Tm-162

MAT 6904

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

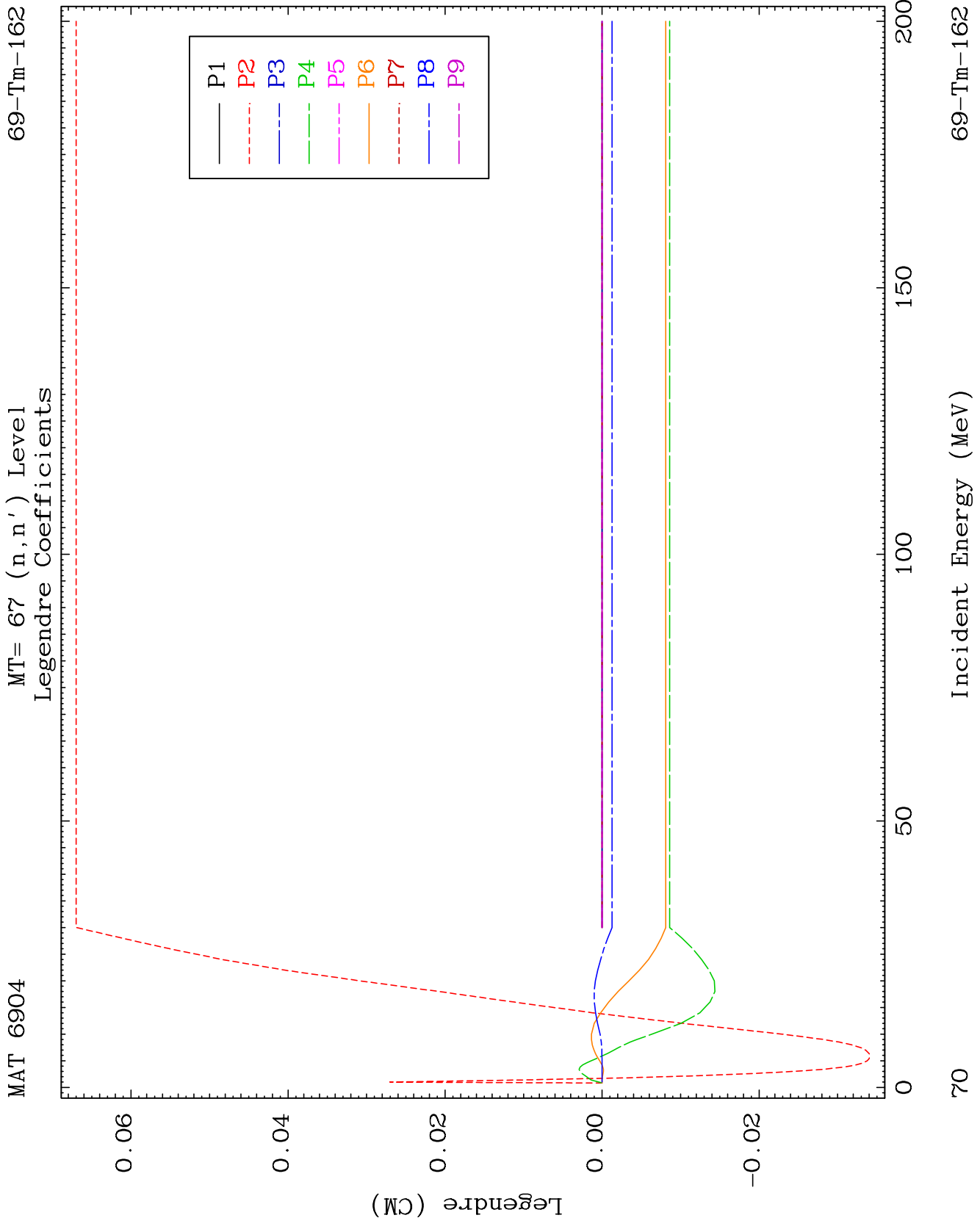
69-Tm-162



68

Incident Energy (MeV)

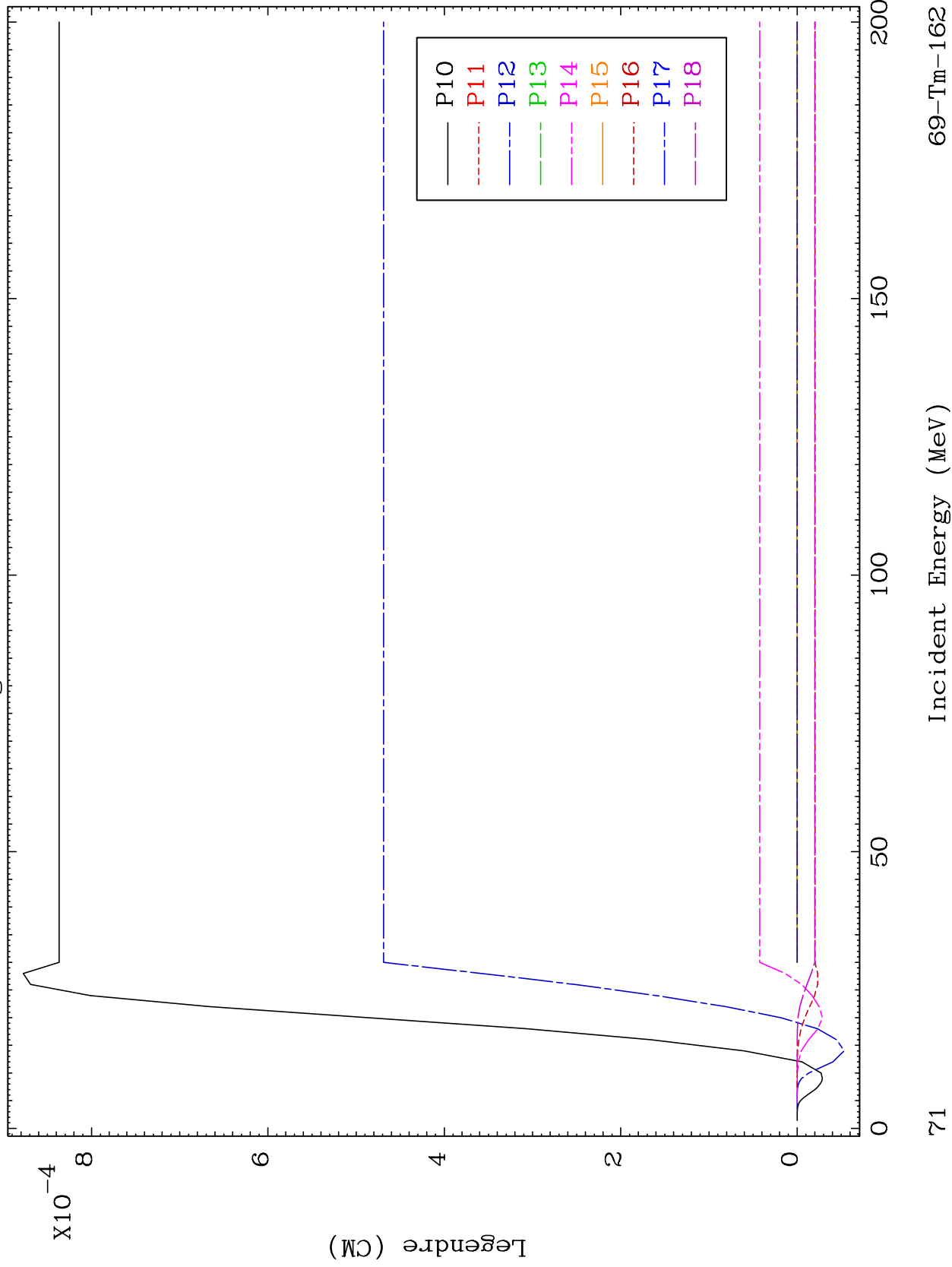
69-Tm-162



MAT 6904

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

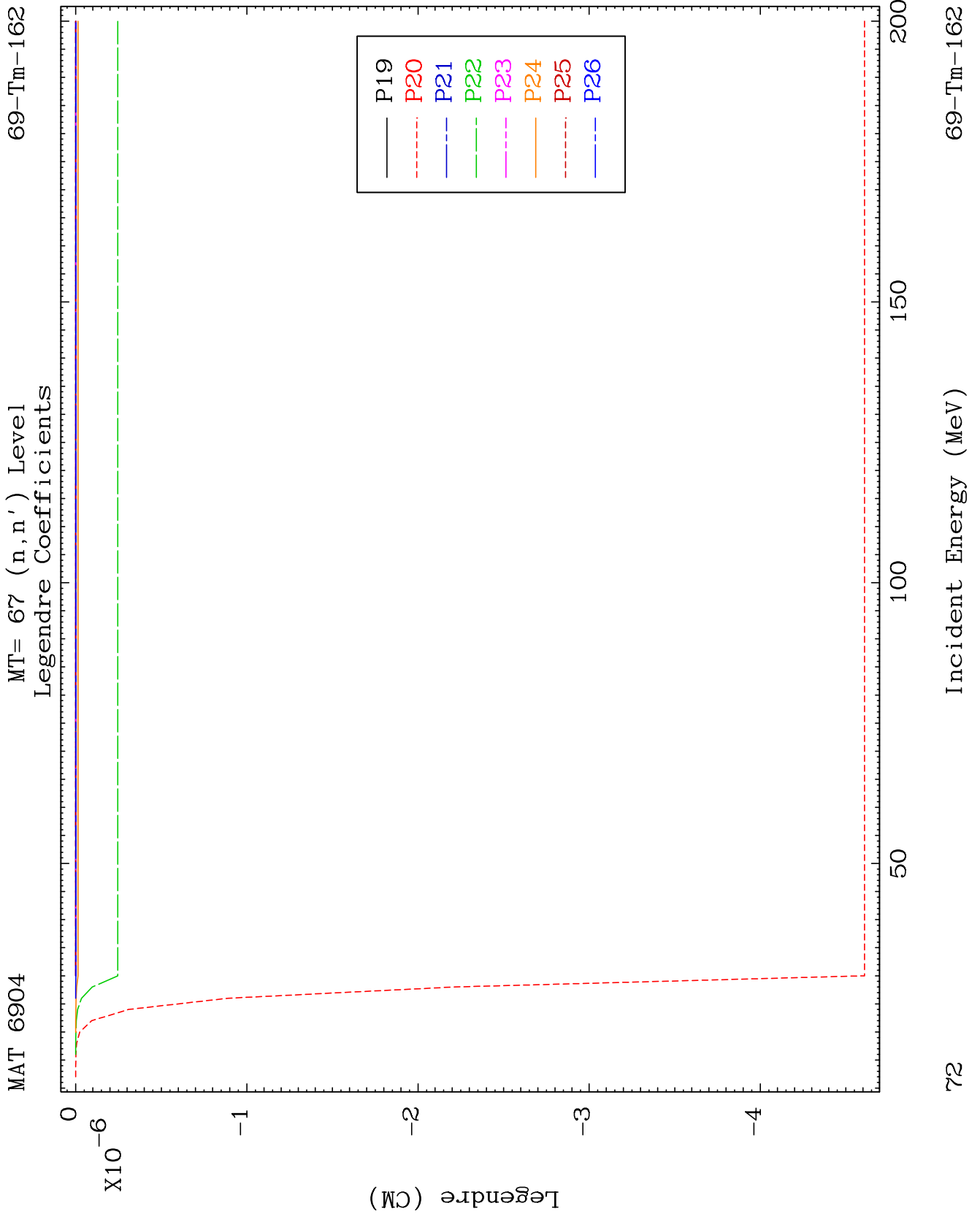
69-Tm-162

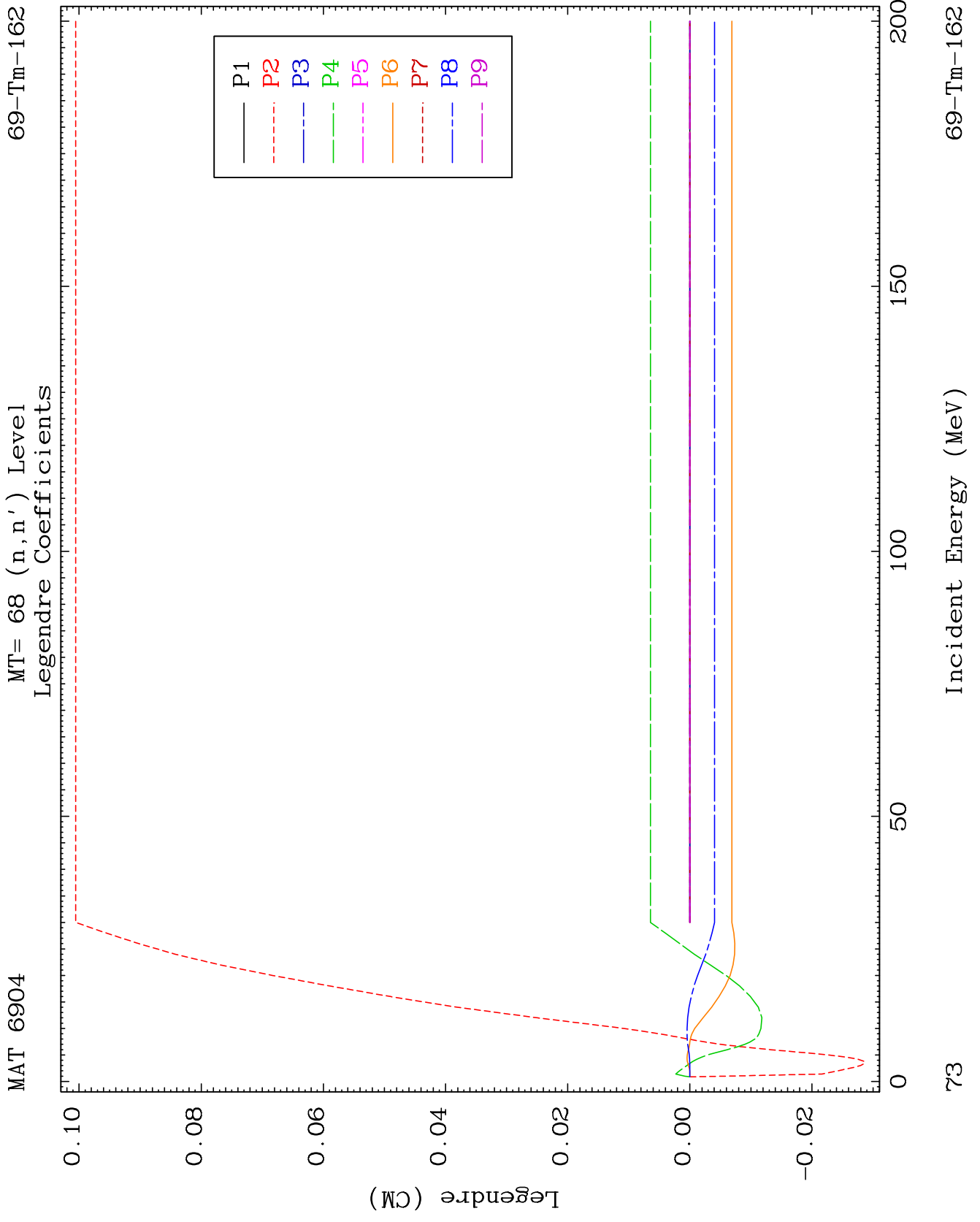


69-Tm-162

Incident Energy (MeV)

71

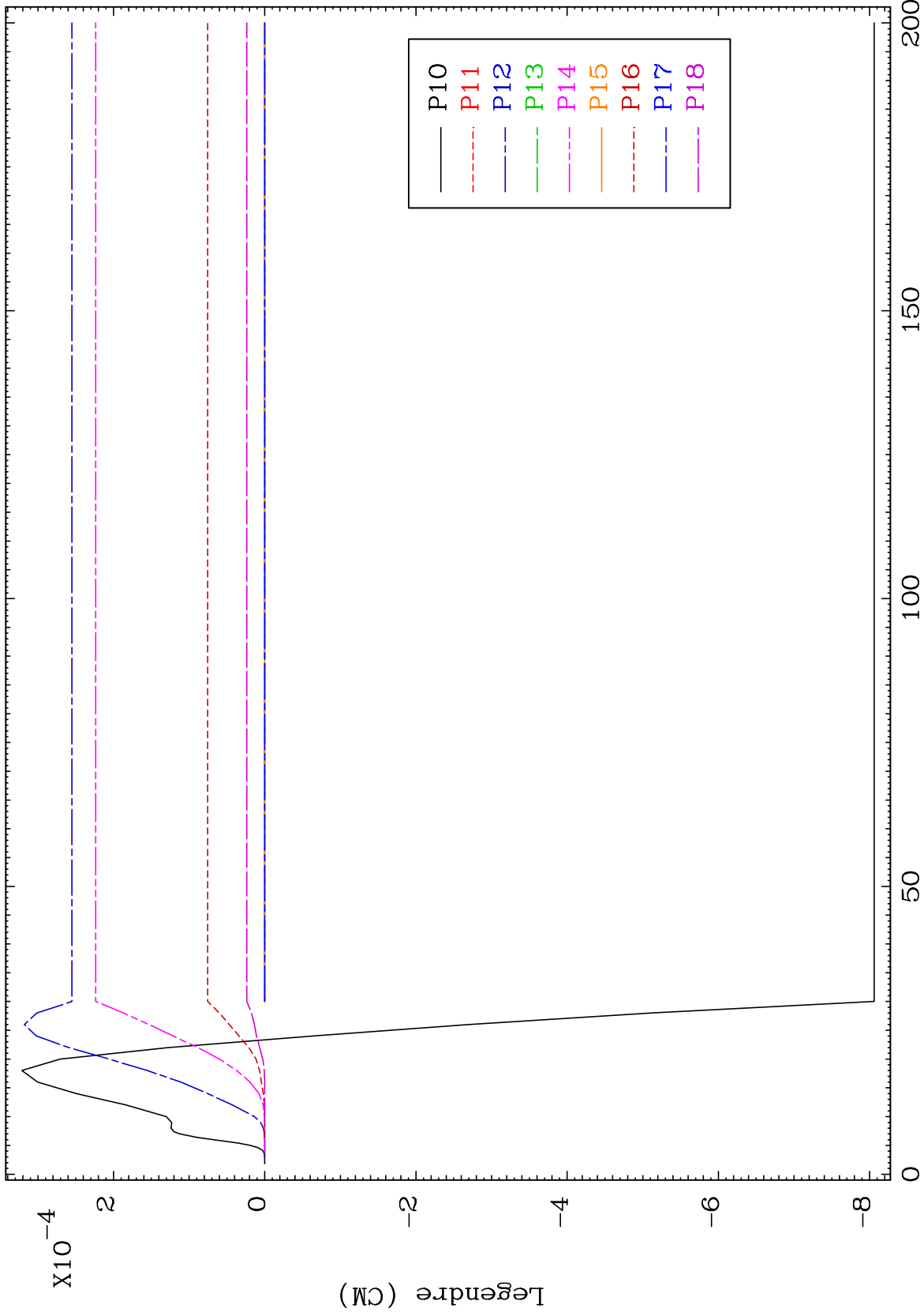




MAT 6904

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

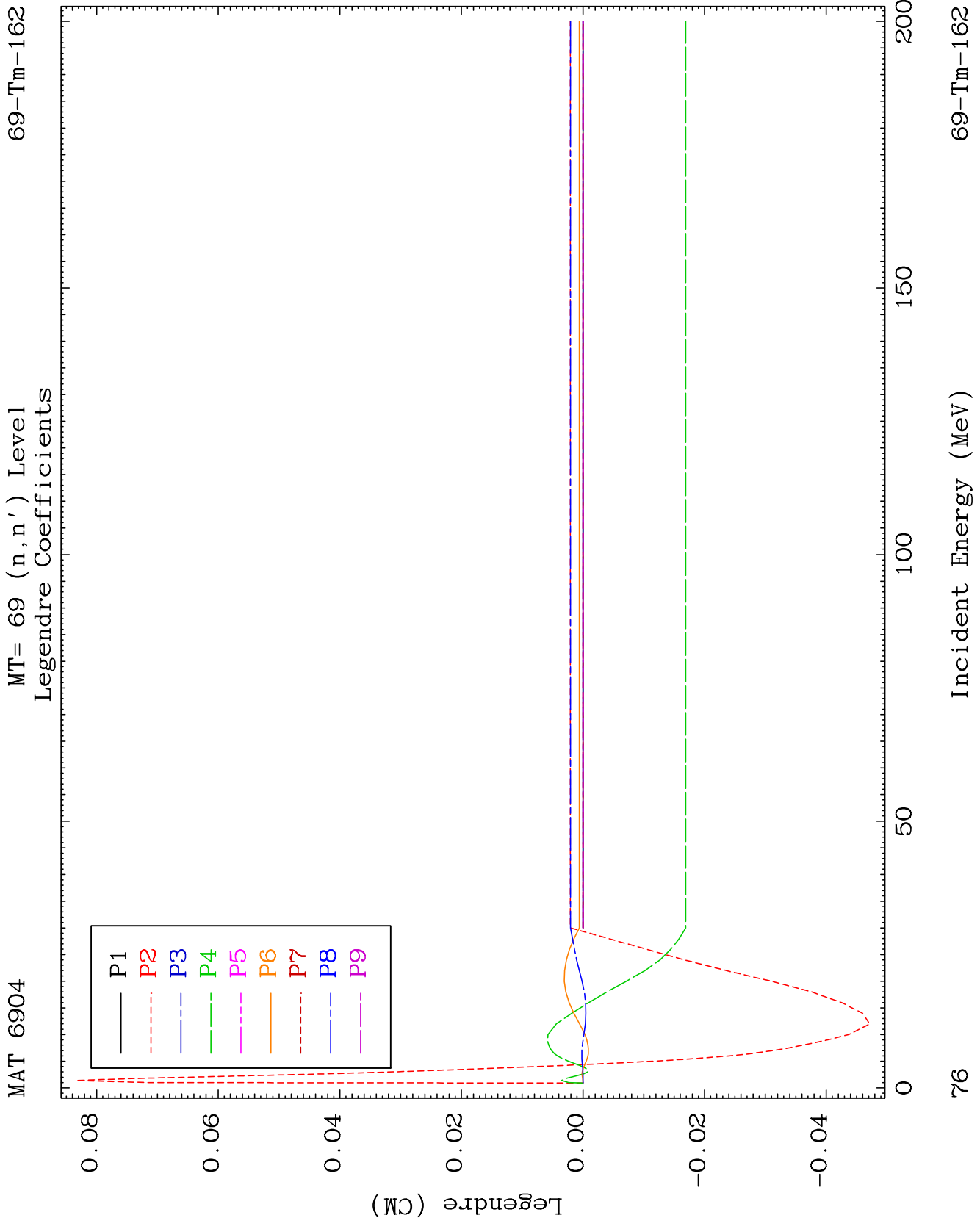
69-Tm-162



74

Incident Energy (MeV)

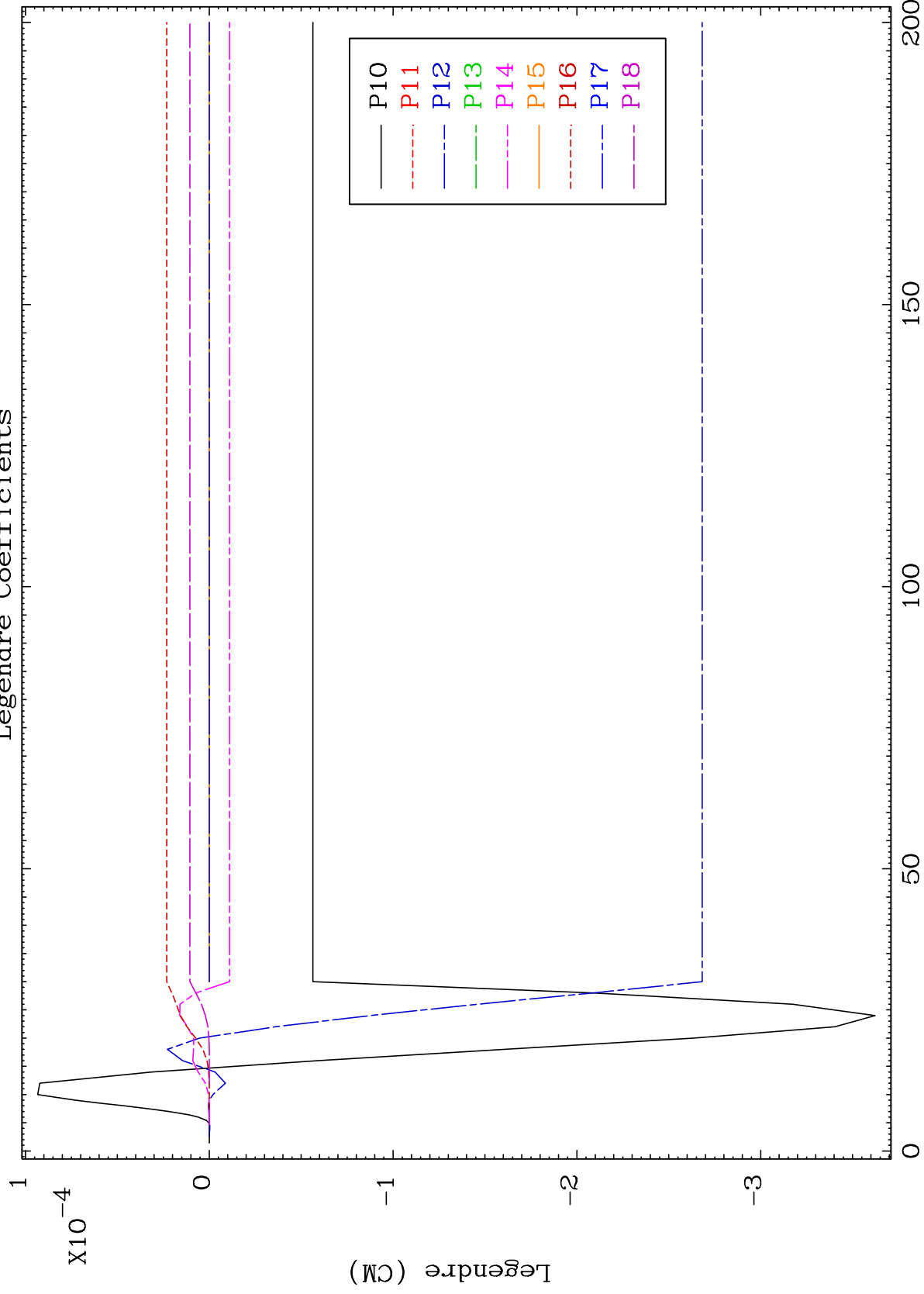
69-Tm-162



MAT 6904

MT= 69 (n,n') Level
Legendre Coefficients

69-Tm-162



77

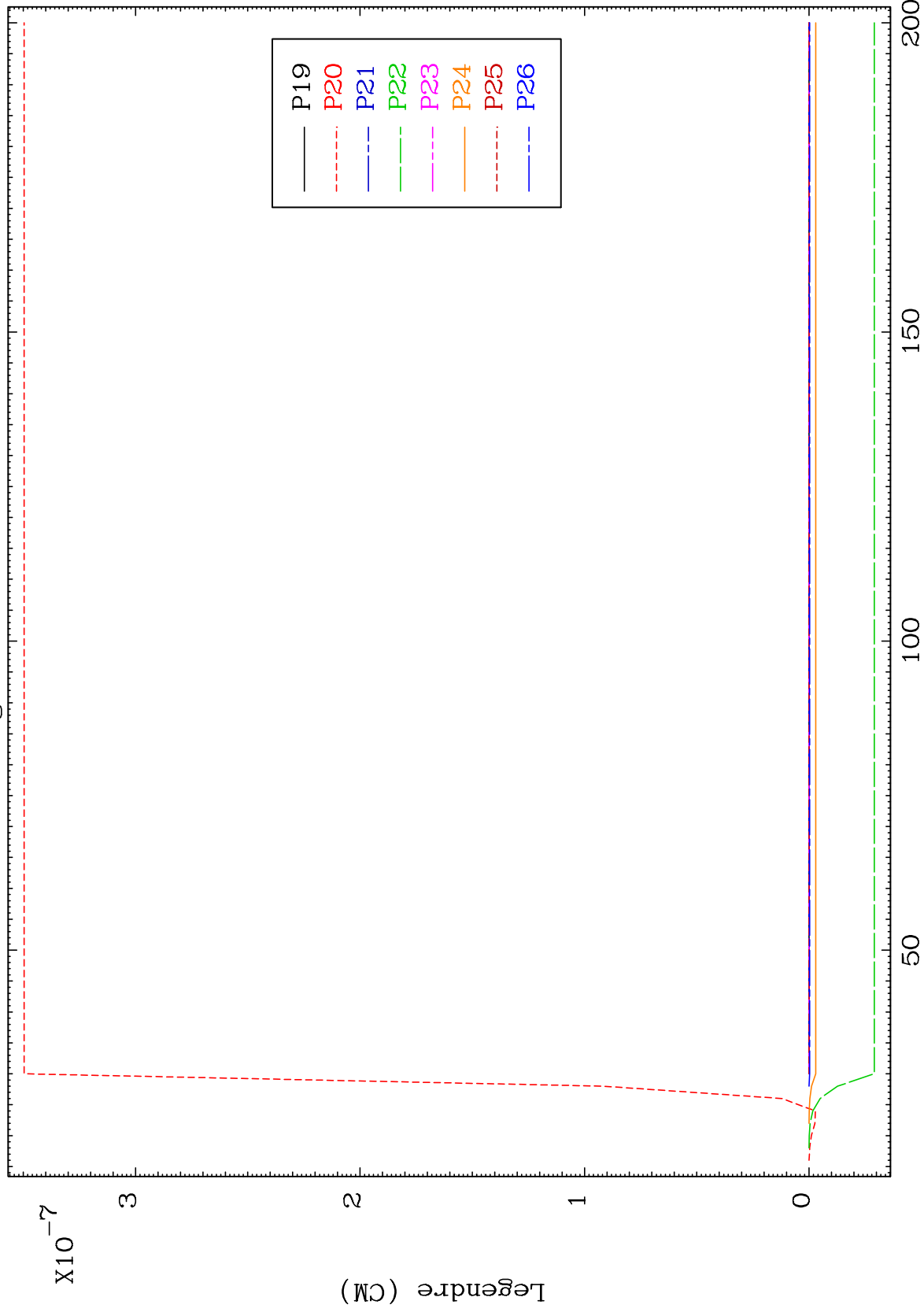
Incident Energy (MeV)

69-Tm-162

MAT 6904

MT= 69 (n,n') Level
Legendre Coefficients

69-Tm-162



78

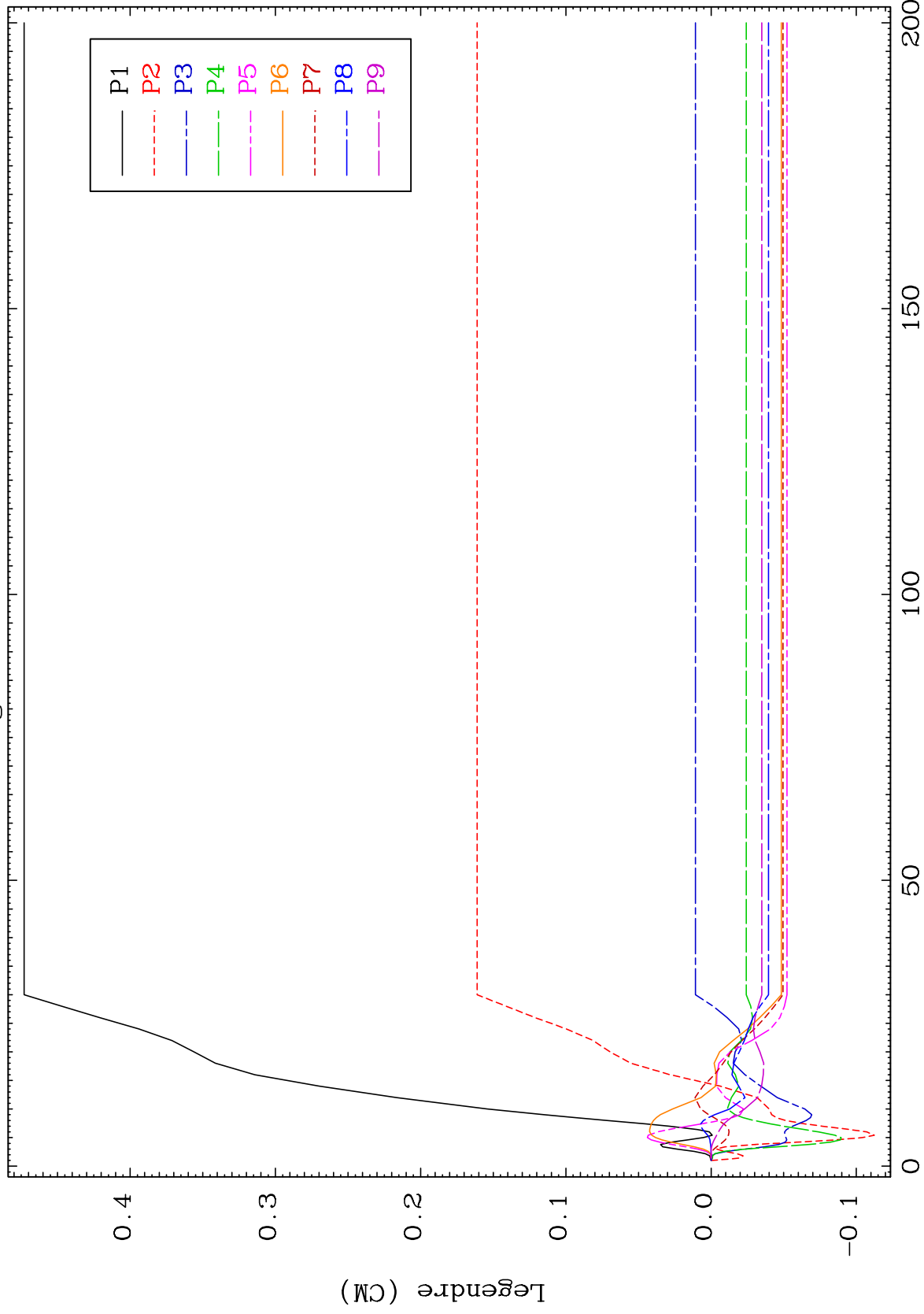
Incident Energy (MeV)

69-Tm-162

MAT 6904

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

69-Tm-162



79

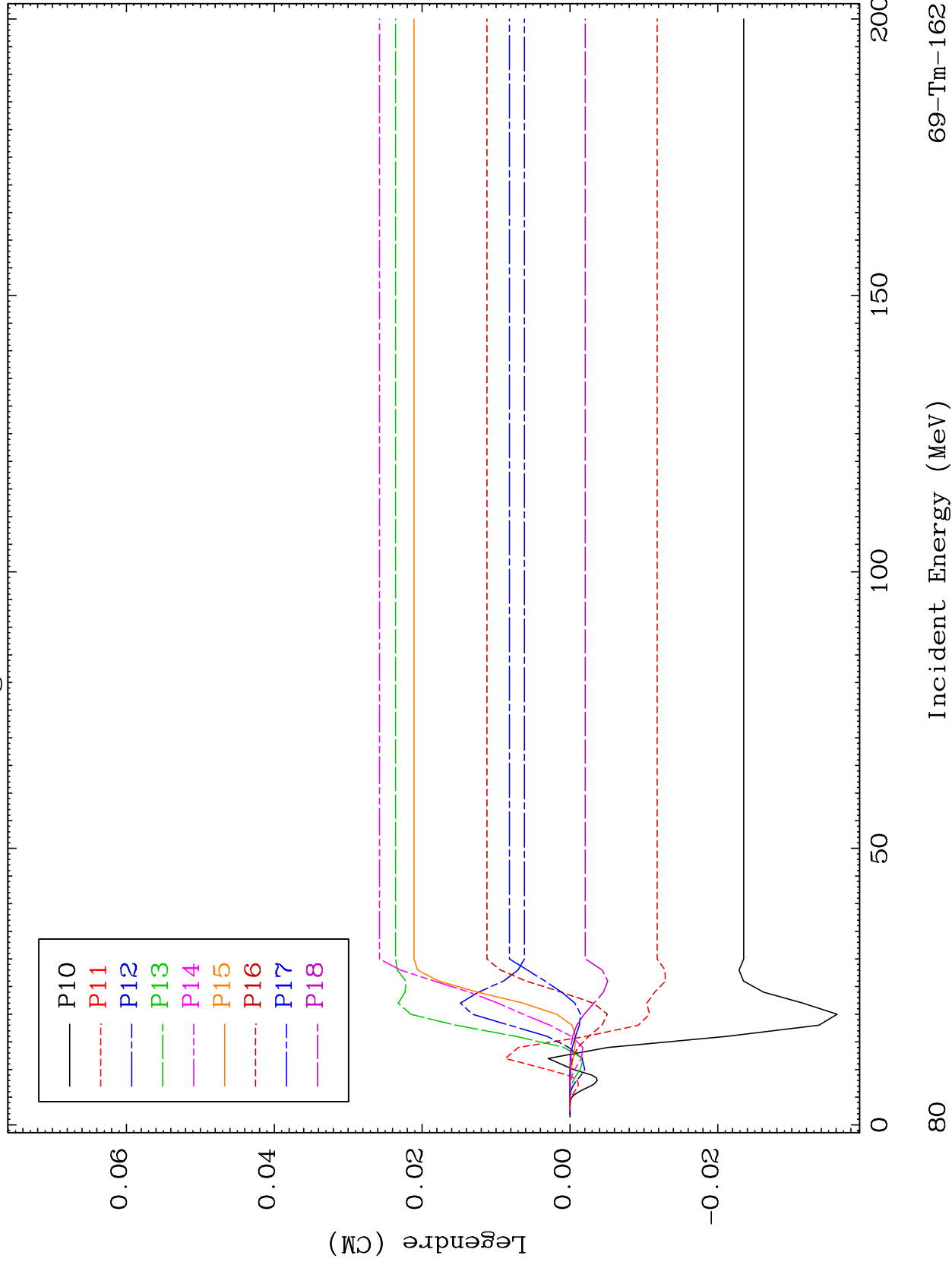
Incident Energy (MeV)

69-Tm-162

MAT 6904

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

69-Tm-162



69-Tm-162

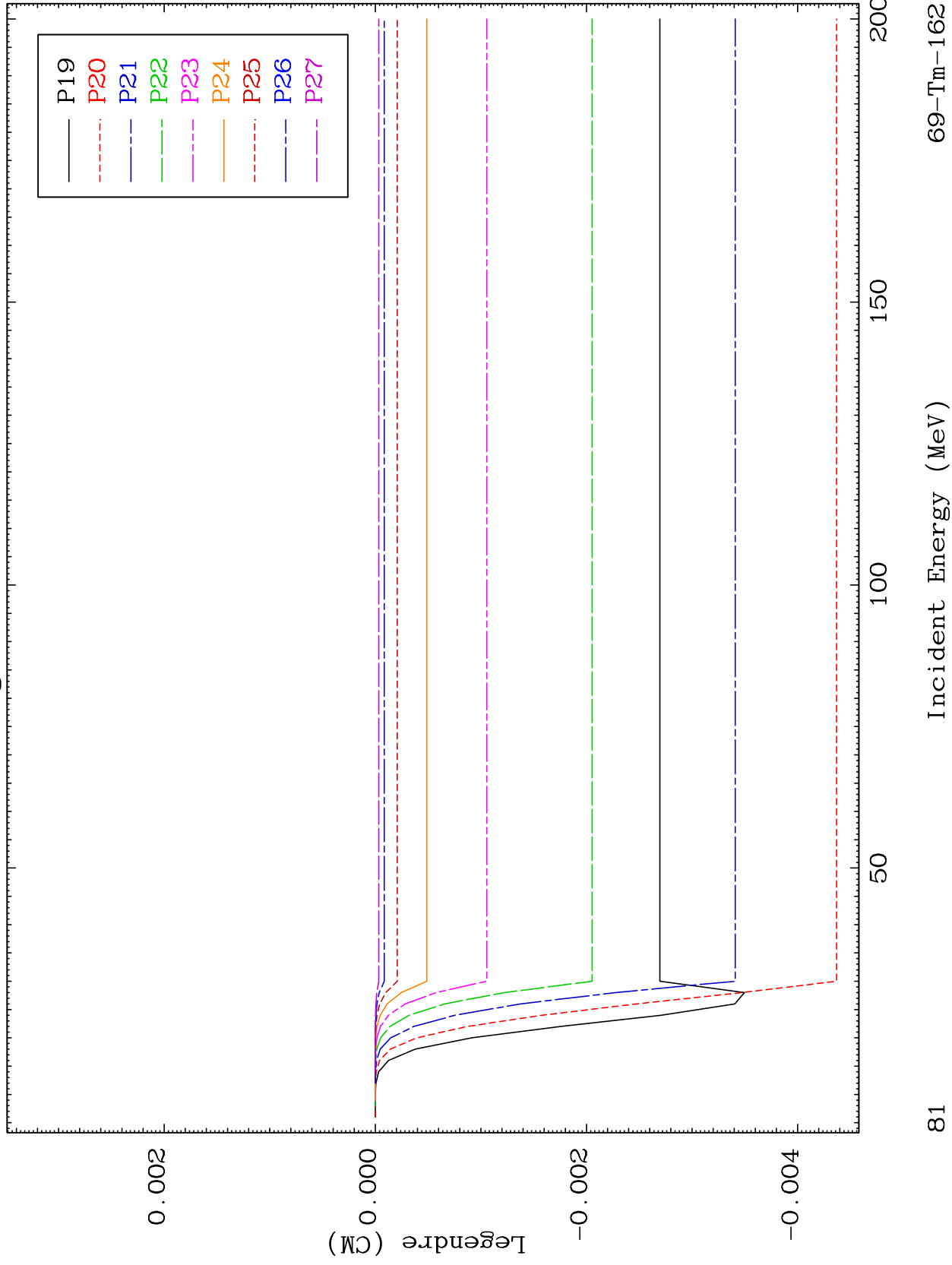
Incident Energy (MeV)

80

MAT 6904

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

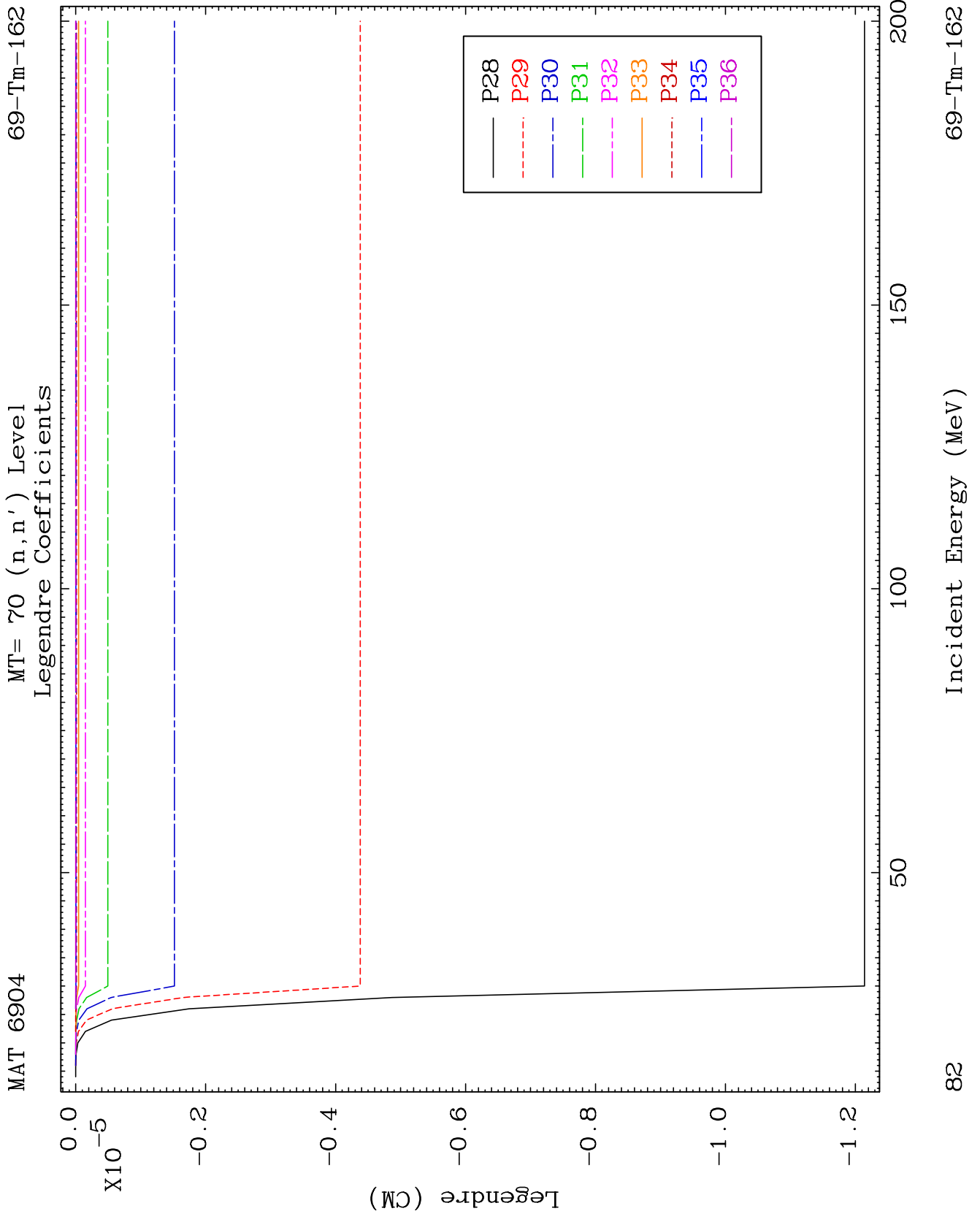
69-Tm-162



81

Incident Energy (MeV)

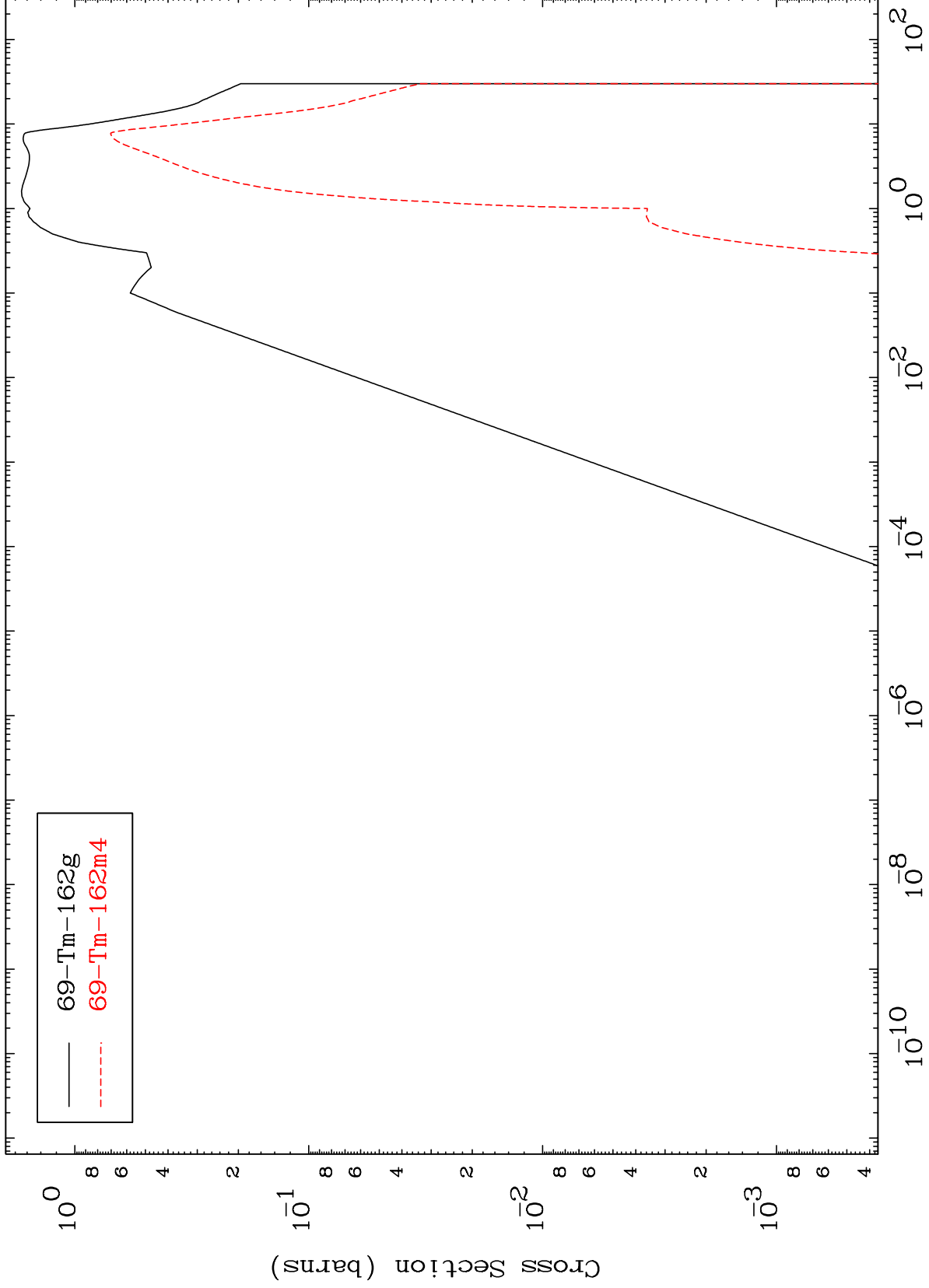
69-Tm-162



MAT 6904

Inelastic
Radionuclide Production Cross Section

69-Tm-162

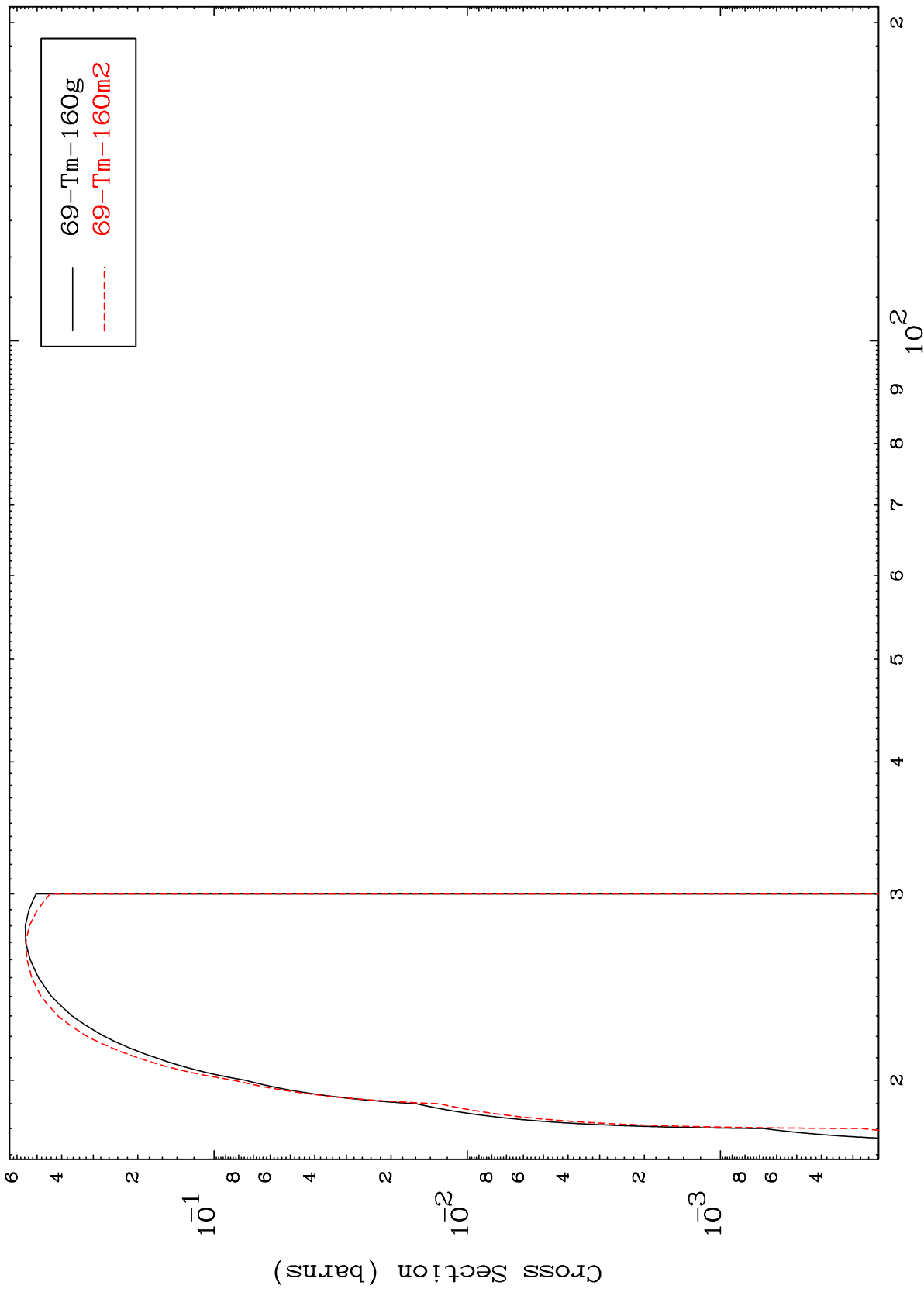


69-Tm-162

MAT 6904

69-Tm-162

(n,3n)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

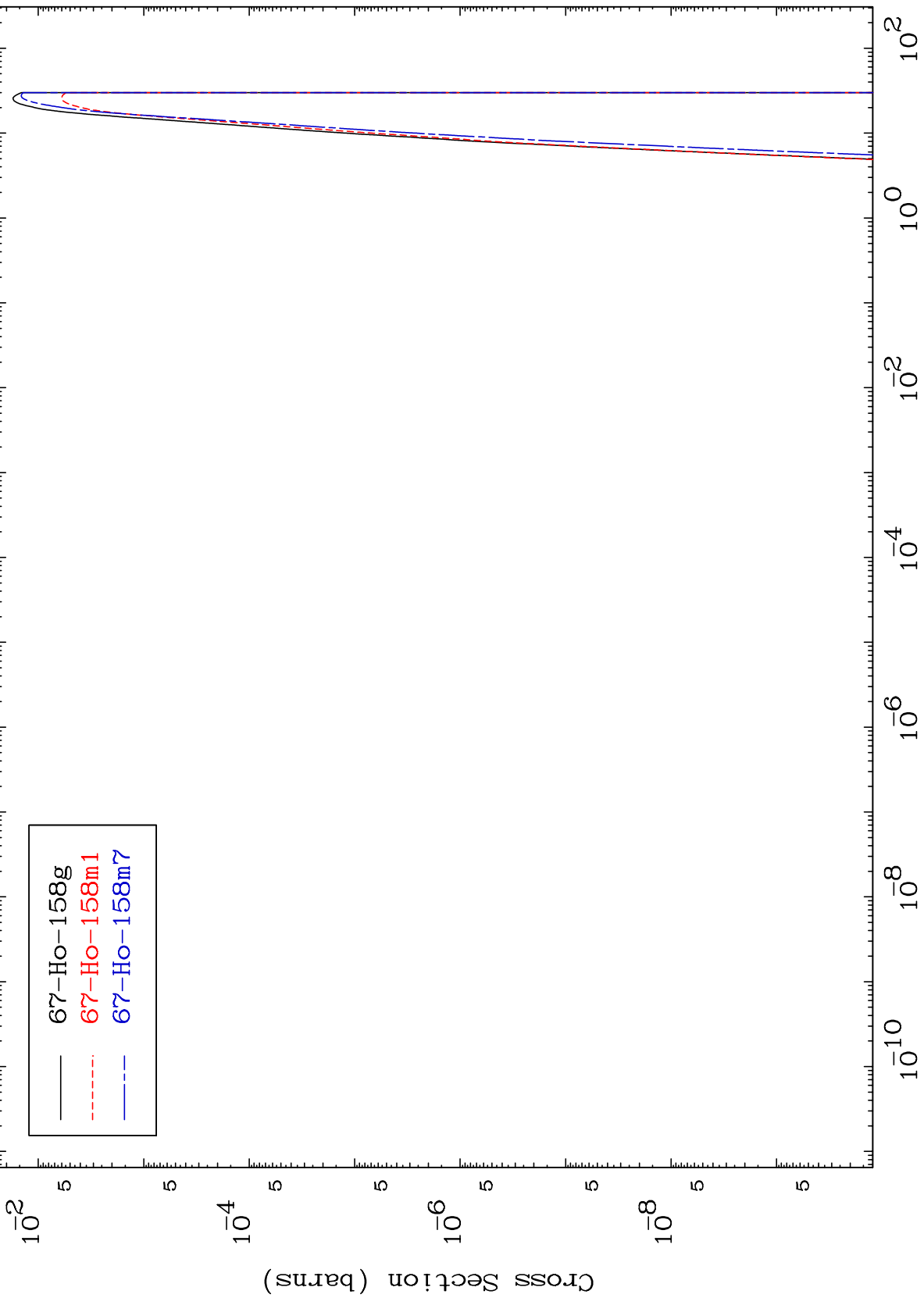
69-Tm-162

MAT 6904

$(n, n') \alpha$

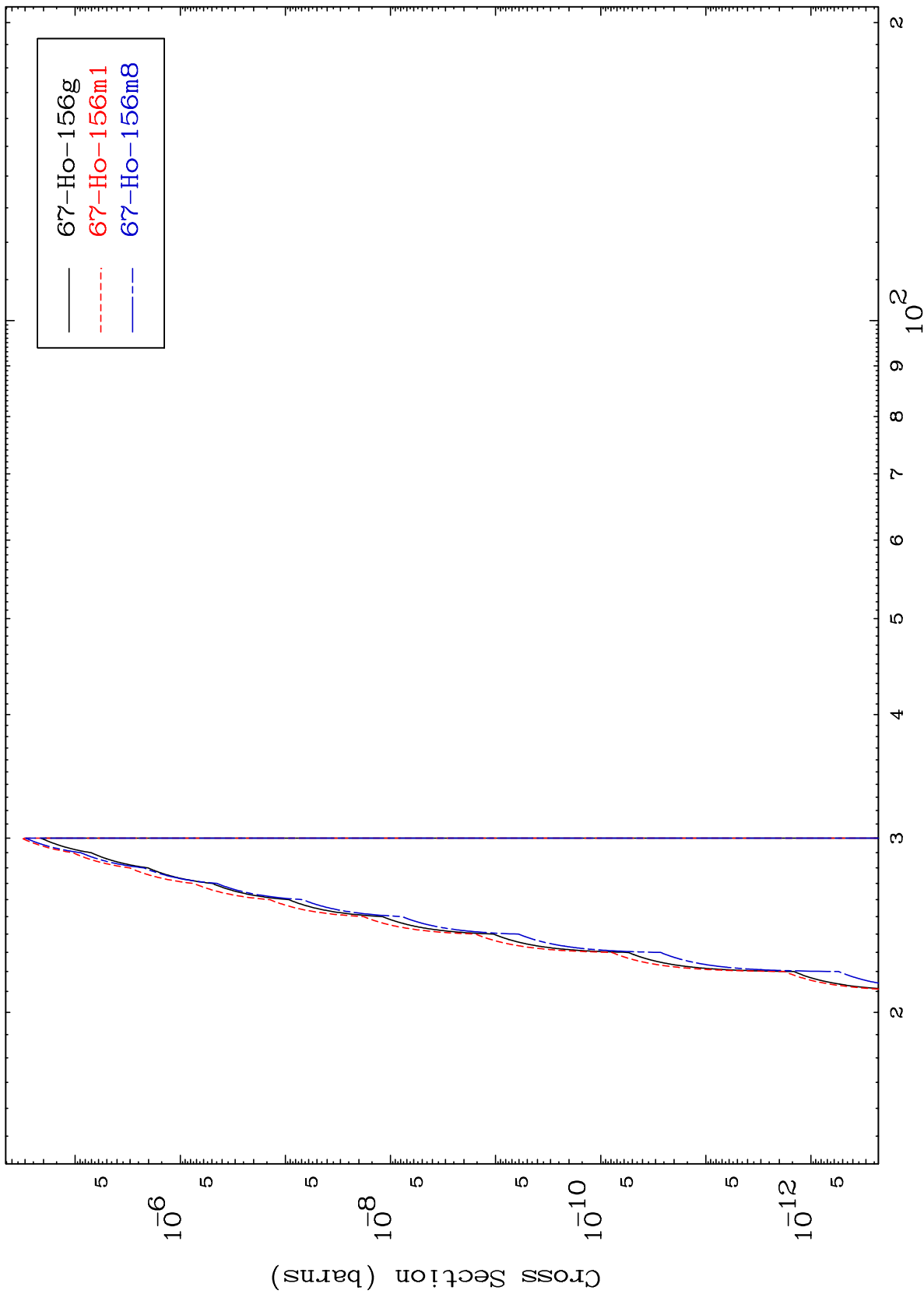
69-Tm-162

Radionuclide Production Cross Section



67-Ho-158g
67-Ho-158m1
67-Ho-158m7

Radionuclide Production Cross Section

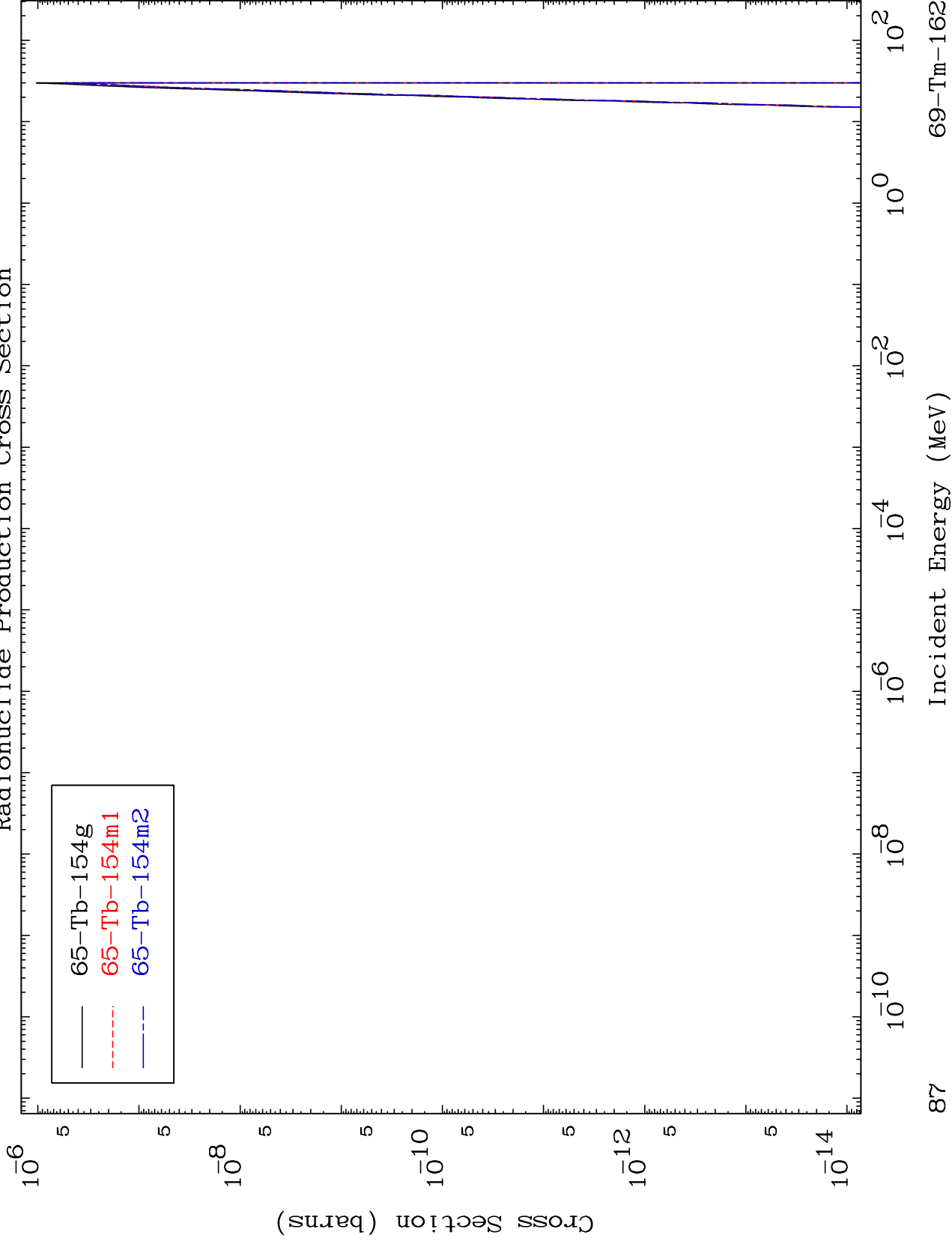


MAT 6904

(n,n') 2 α

69-Tm-162

Radionuclide Production Cross Section

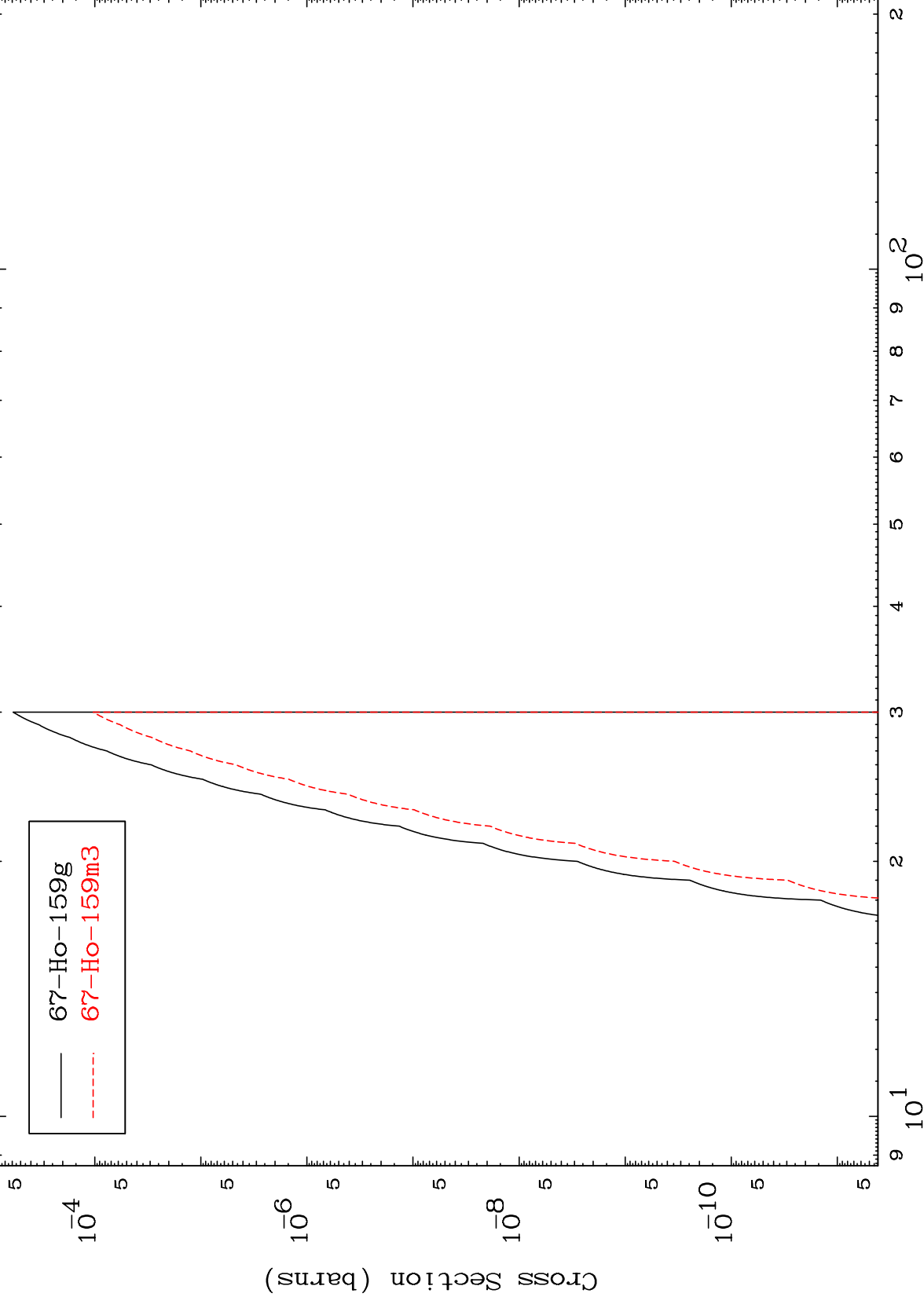


MAT 6904

(n,n') He-3

69-Tm-162

Radionuclide Production Cross Section



88

Incident Energy (MeV)

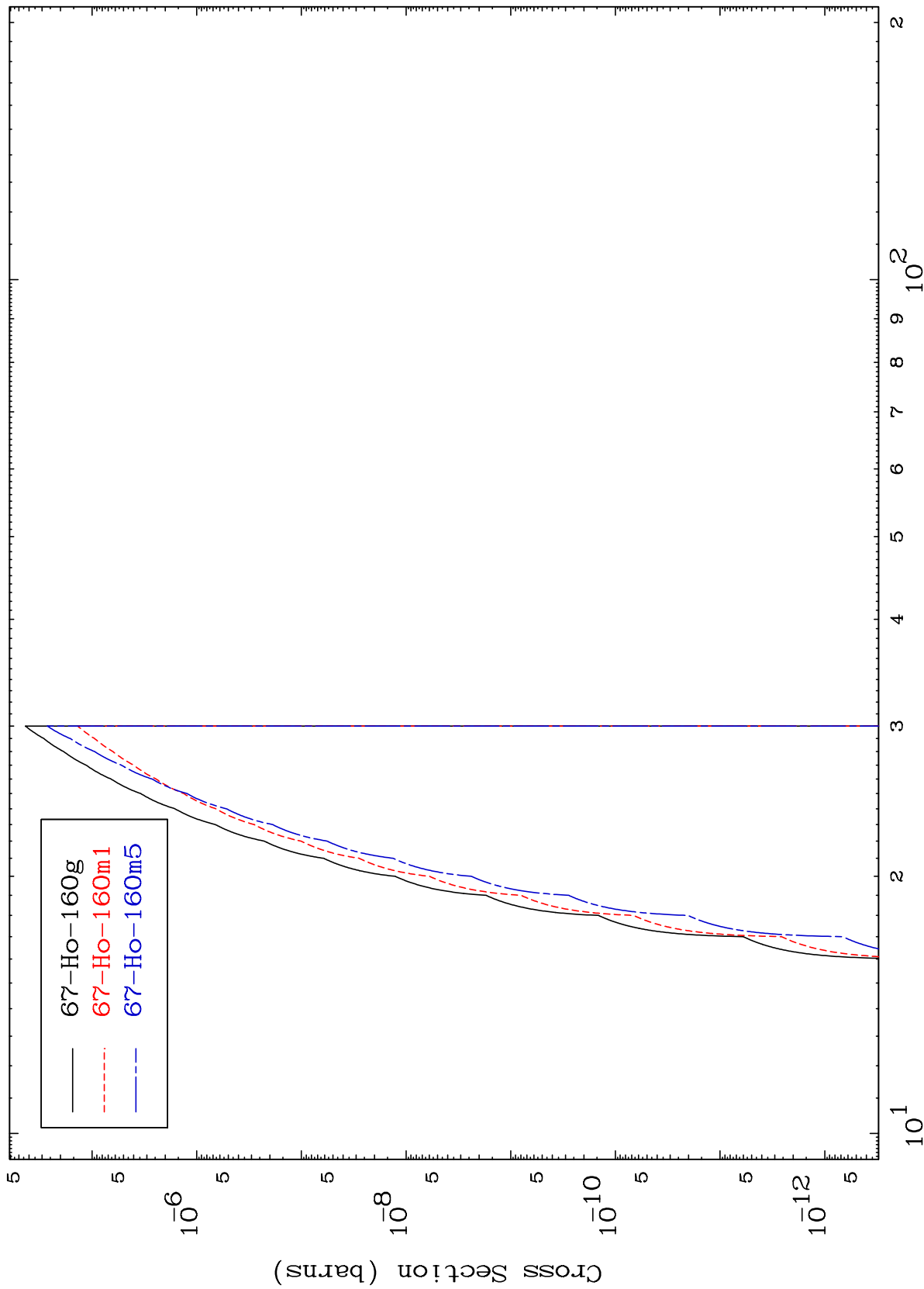
69-Tm-162

MAT 6904

(n,2n) p

69-Tm-162

Radionuclide Production Cross Section

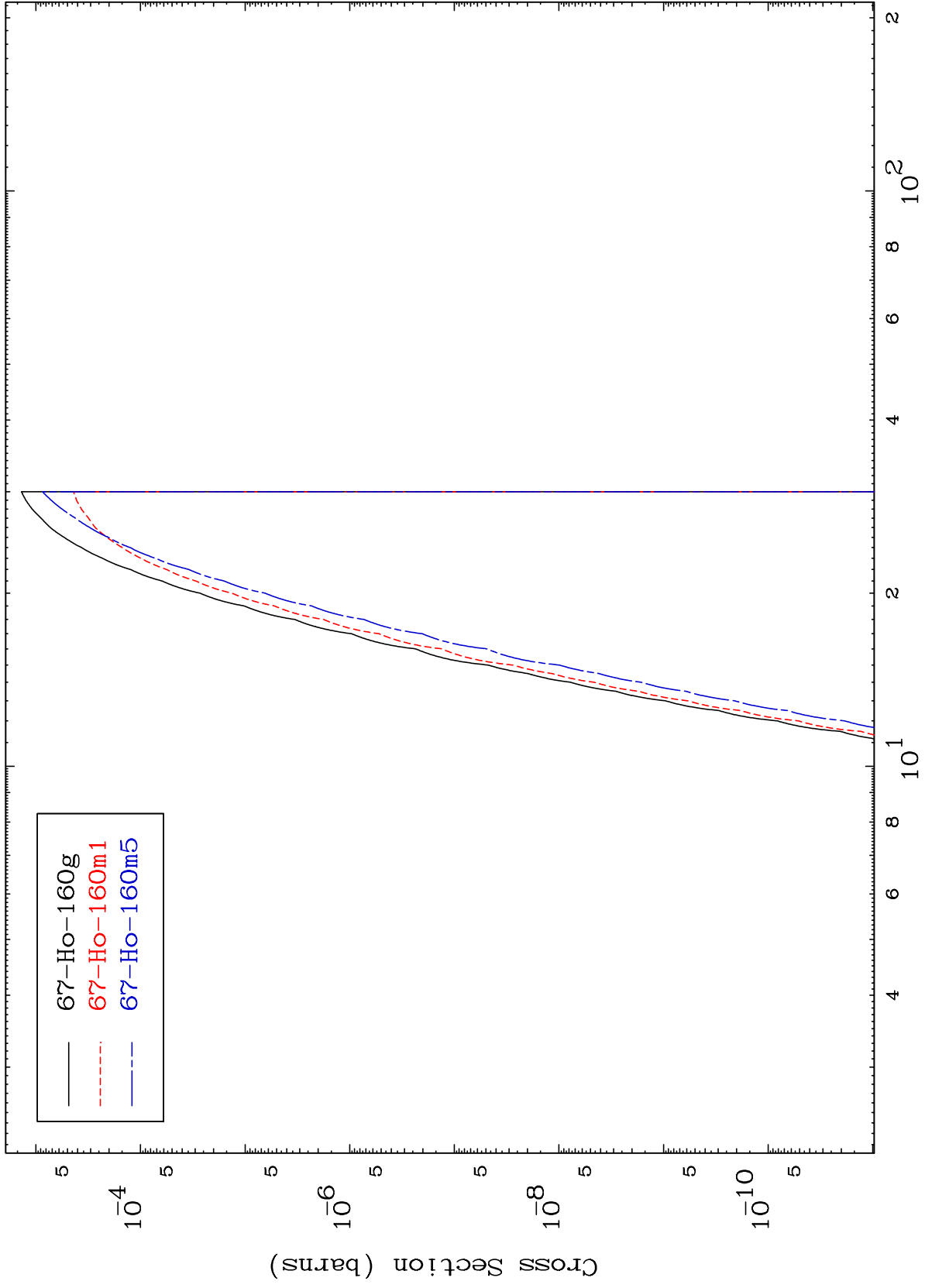


89

Incident Energy (MeV)

69-Tm-162

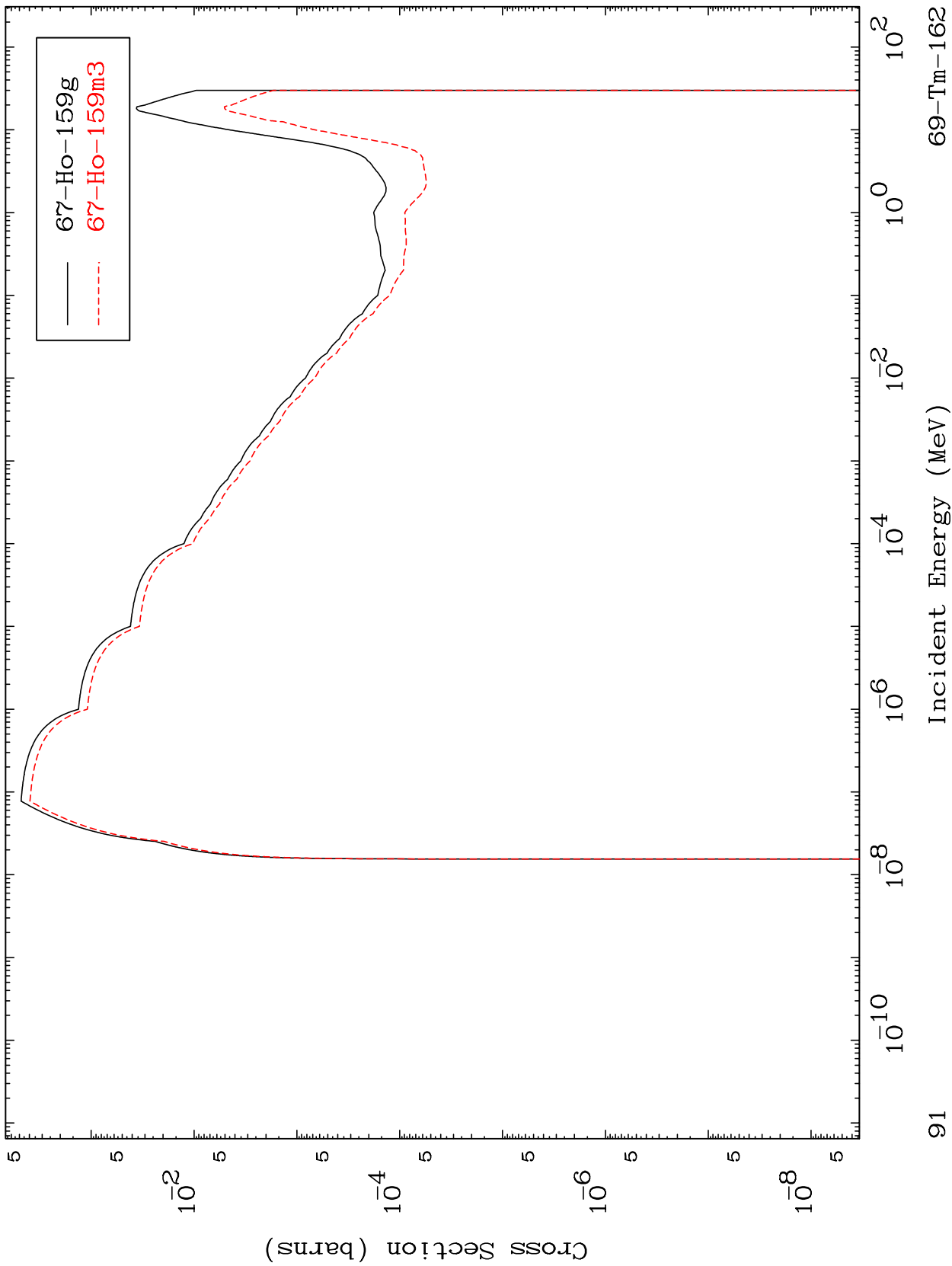
Radionuclide Production Cross Section



MAT 6904

69-Tm-162

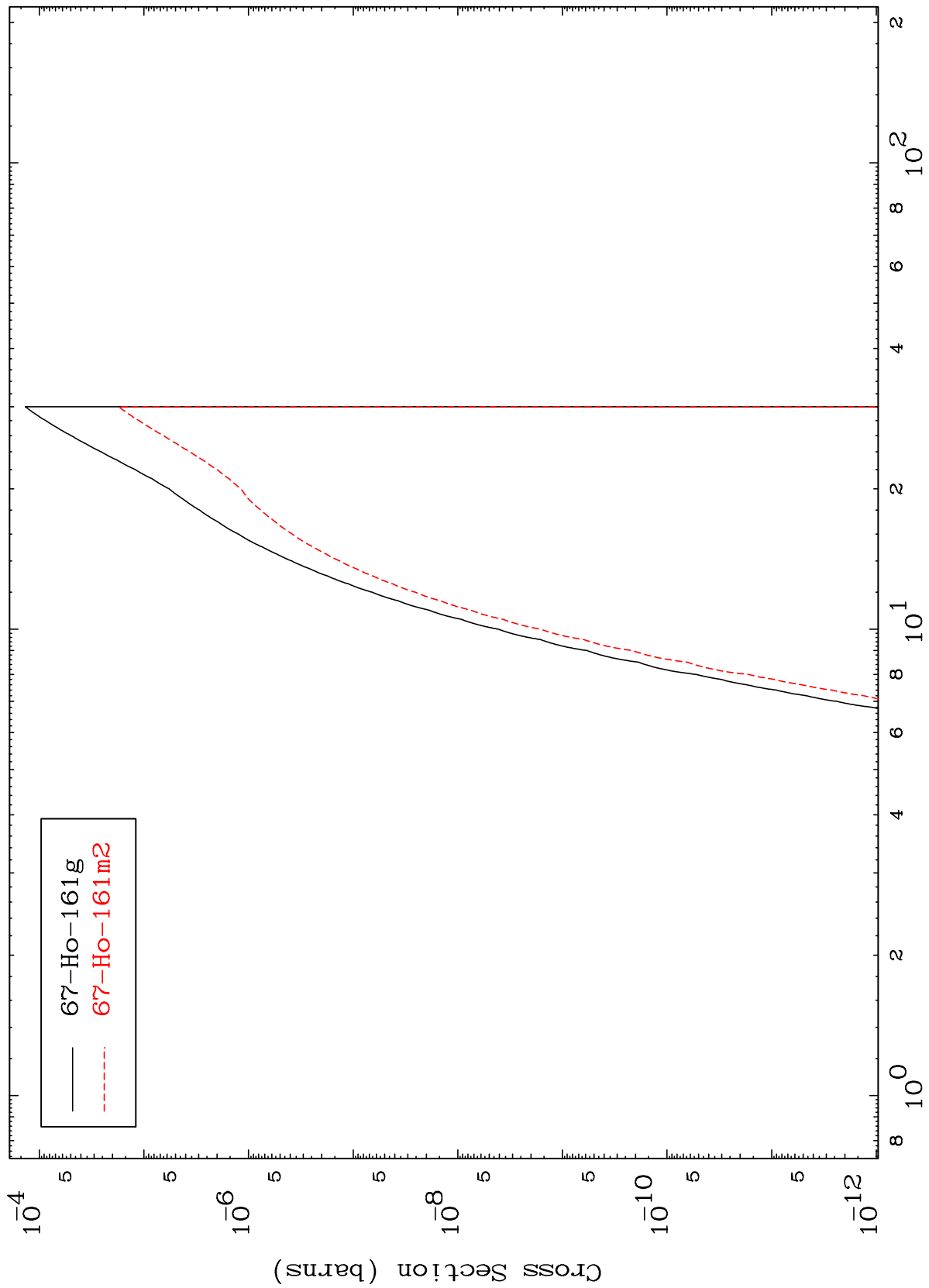
(n, α)
Radionuclide Production Cross Section



MAT 6904

69-Tm-162

(n,2p)
Radionuclide Production Cross Section



92

69-Tm-162

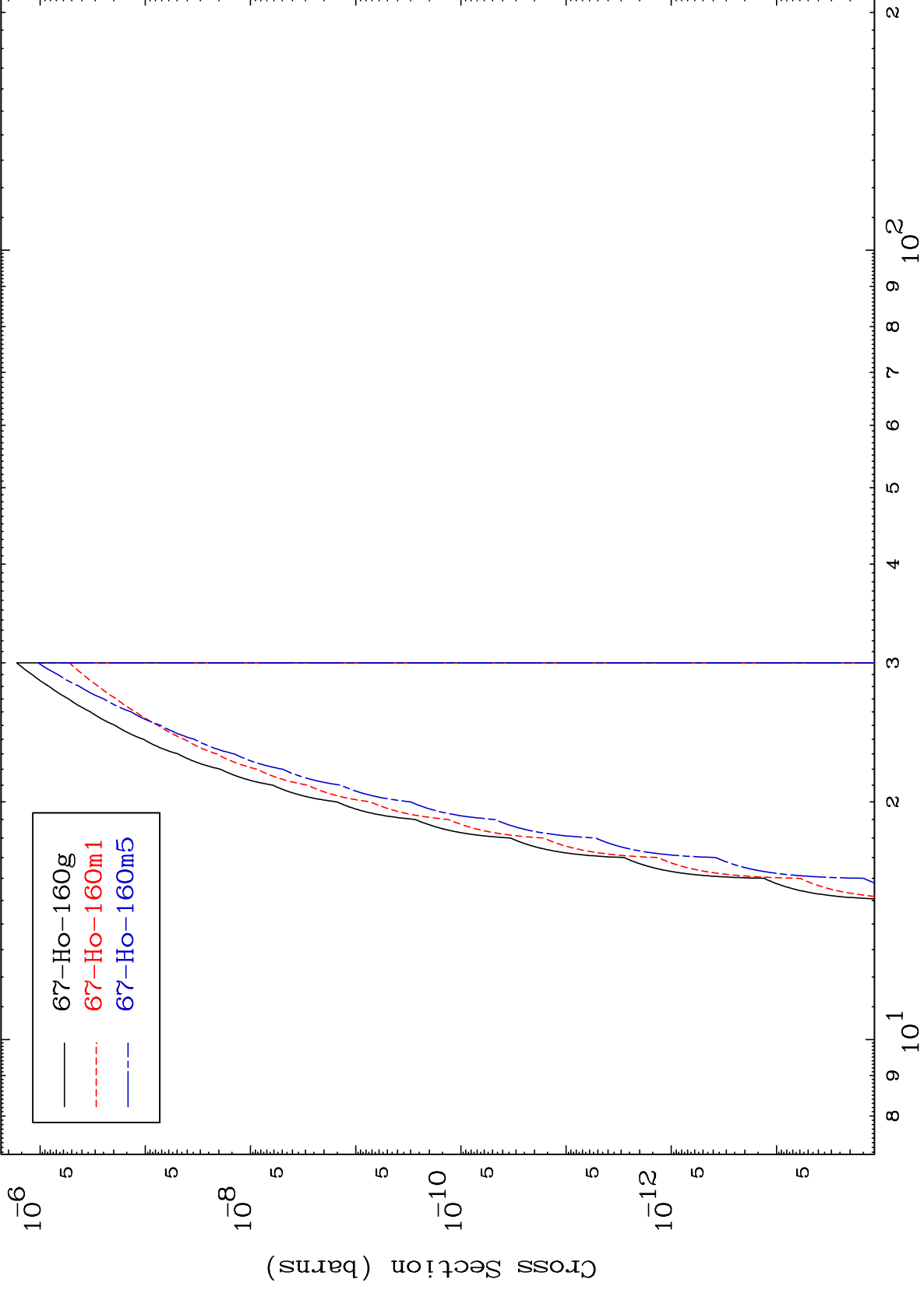
Incident Energy (MeV)

MAT 6904

(n,p) d

69-Tm-162

Radionuclide Production Cross Section



93

Incident Energy (MeV)

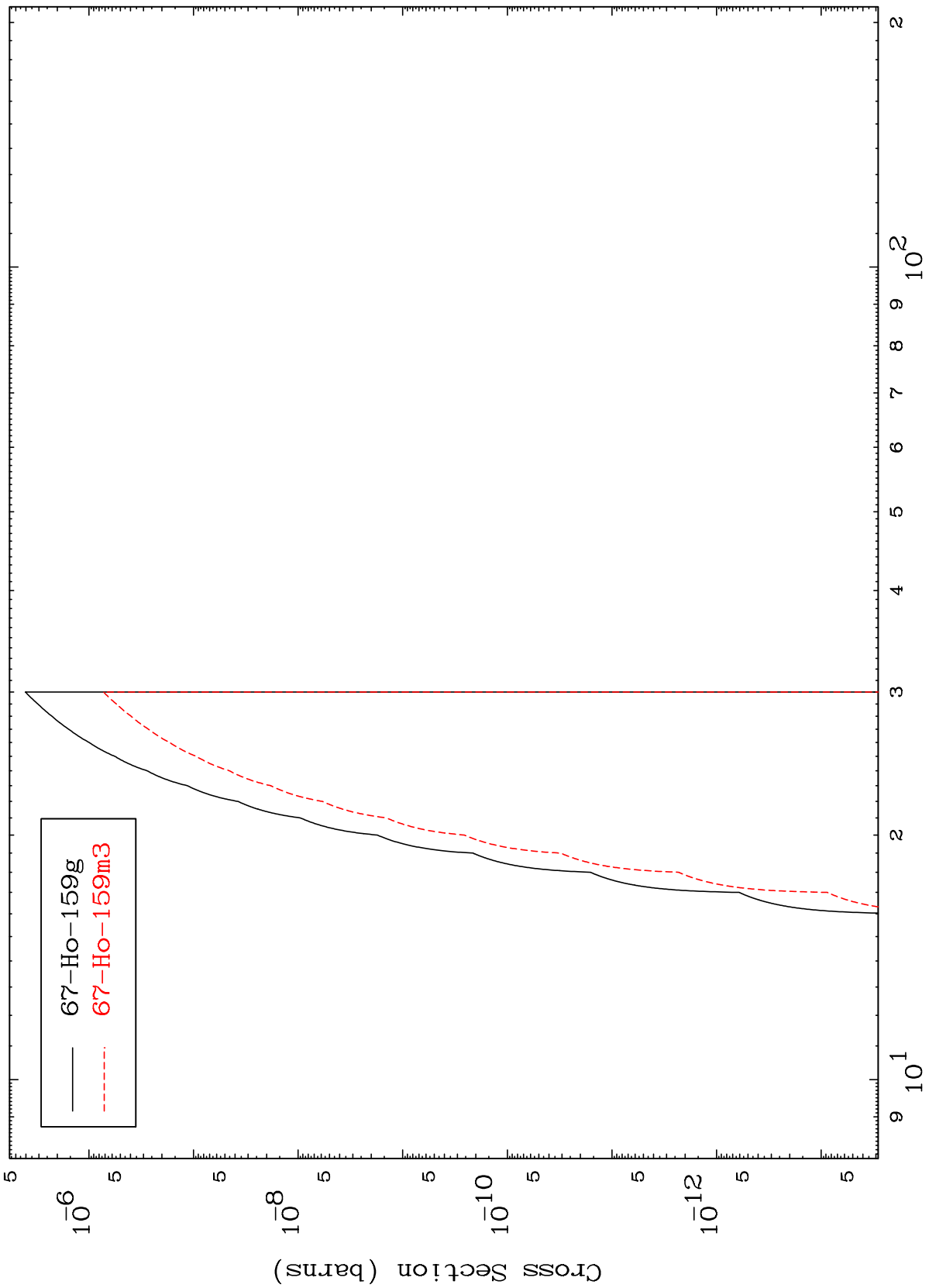
69-Tm-162

MAT 6904

(n,p) t

69-Tm-162

Radionuclide Production Cross Section



94

Incident Energy (MeV)

69-Tm-162