

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

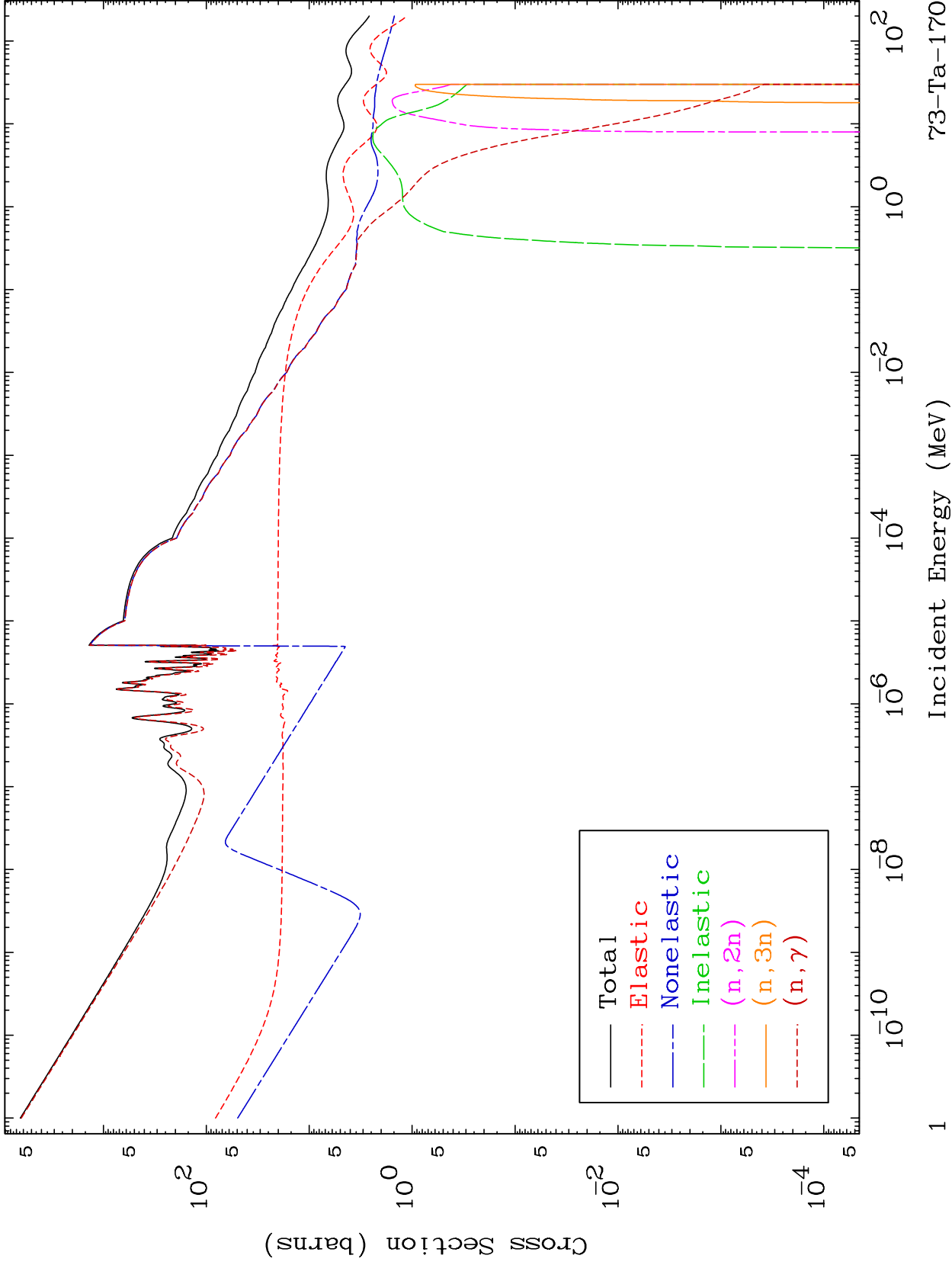
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7295

Neutron Major
293 Kelvin Cross Sections

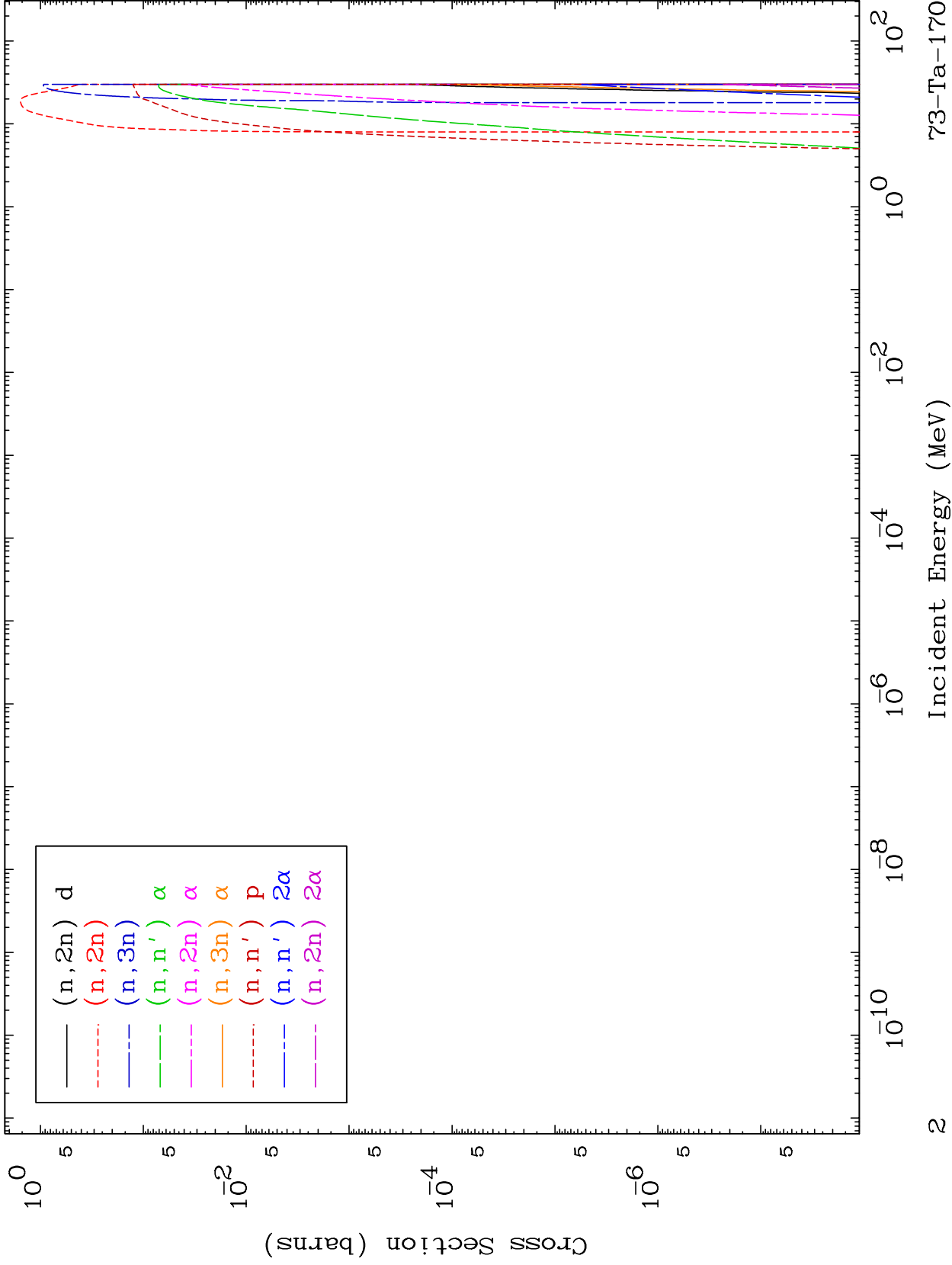
73-Ta-170

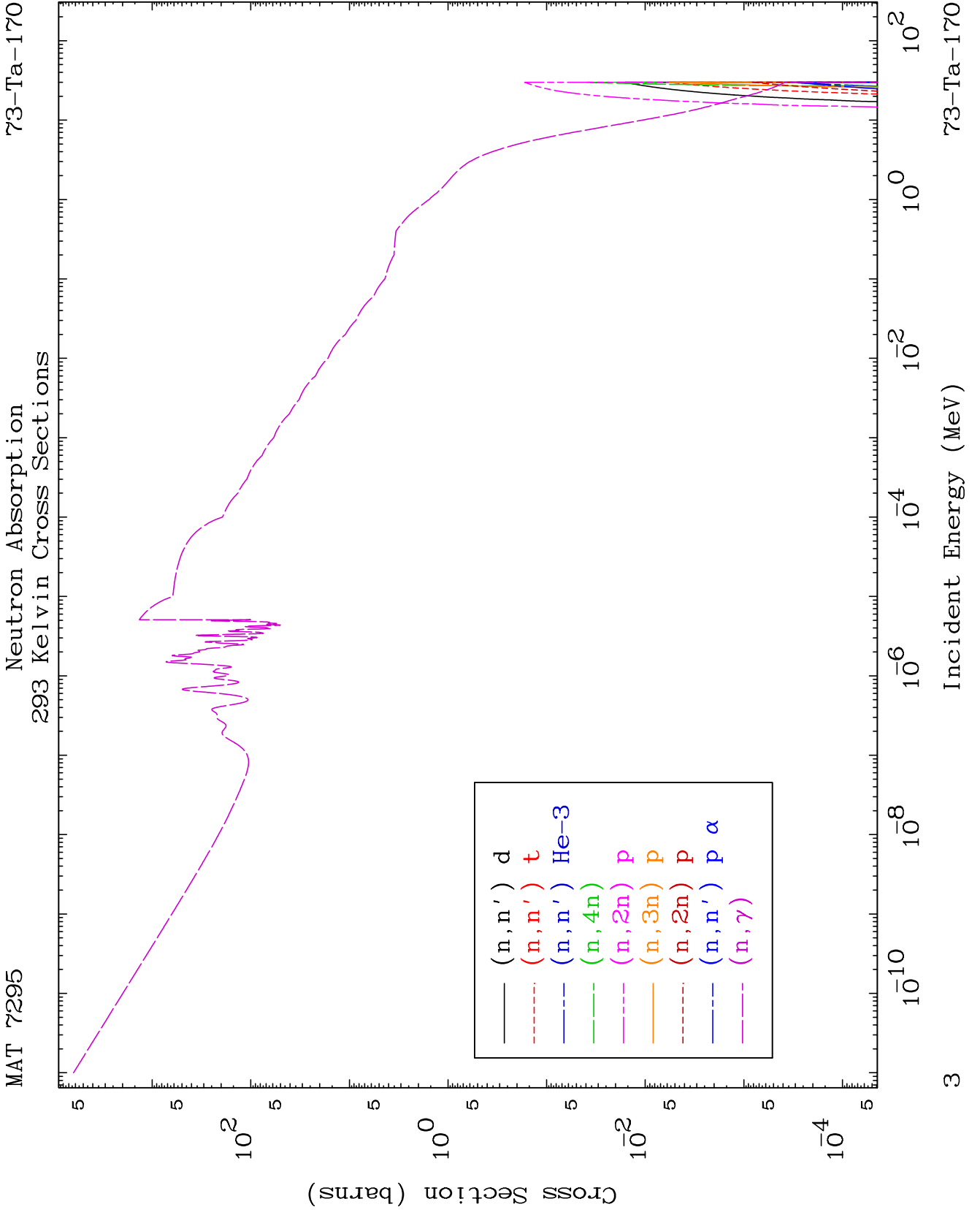


MAT 7295

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-170

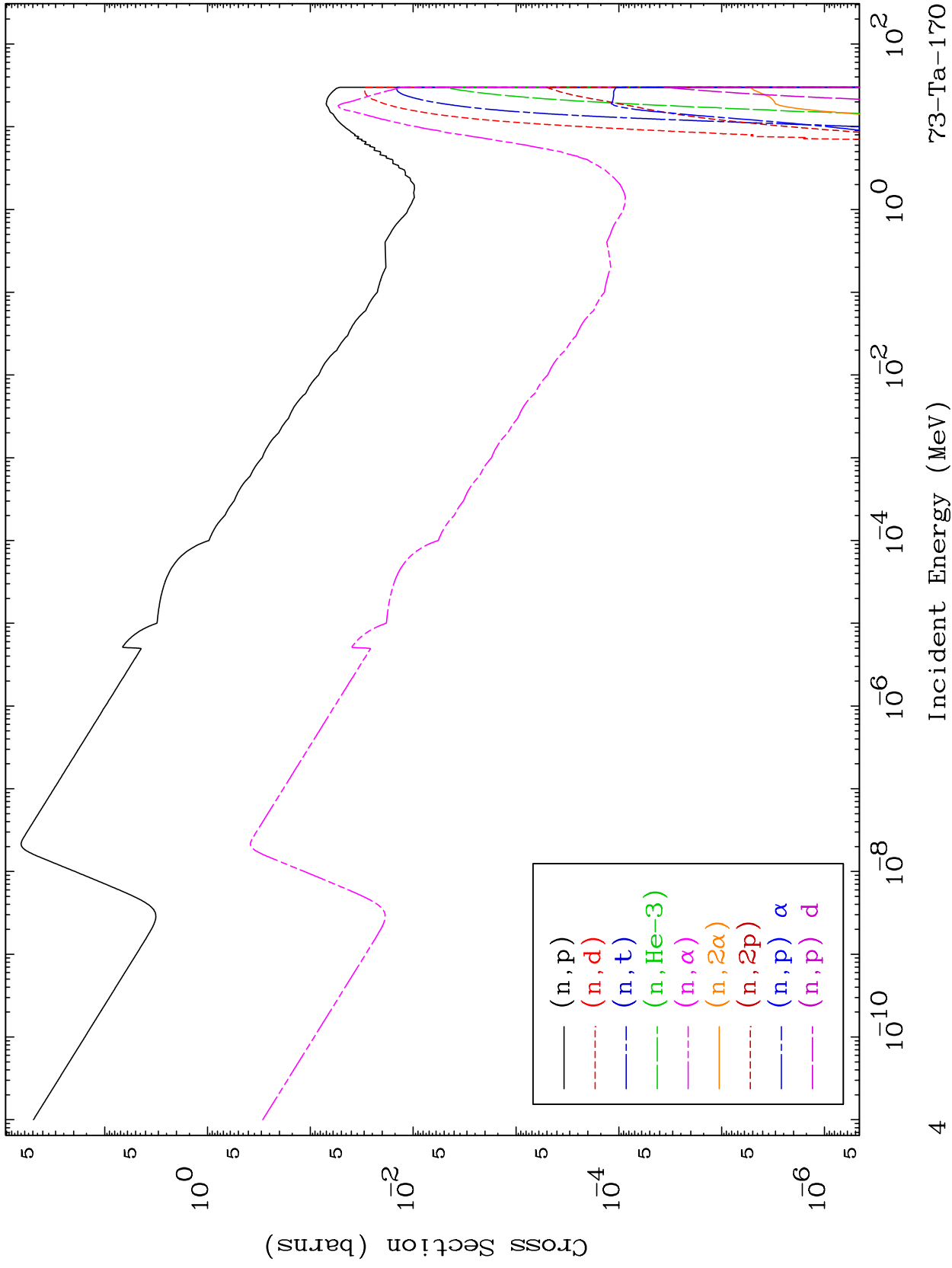




MAT 7295

Neutron Absorption
293 Kelvin Cross Sections

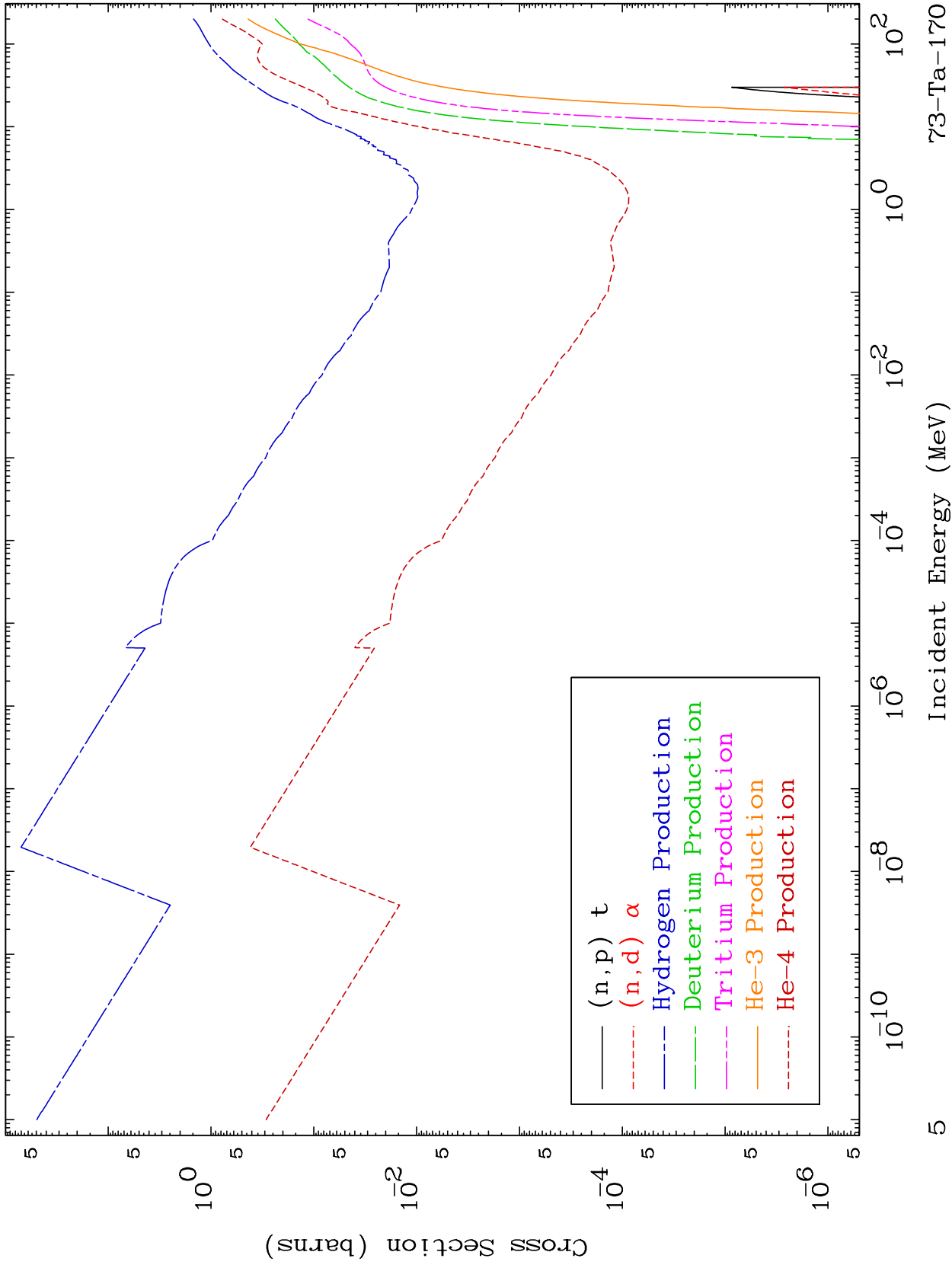
73-Ta-170



MAT 7295

Neutron Absorption
293 Kelvin Cross Sections

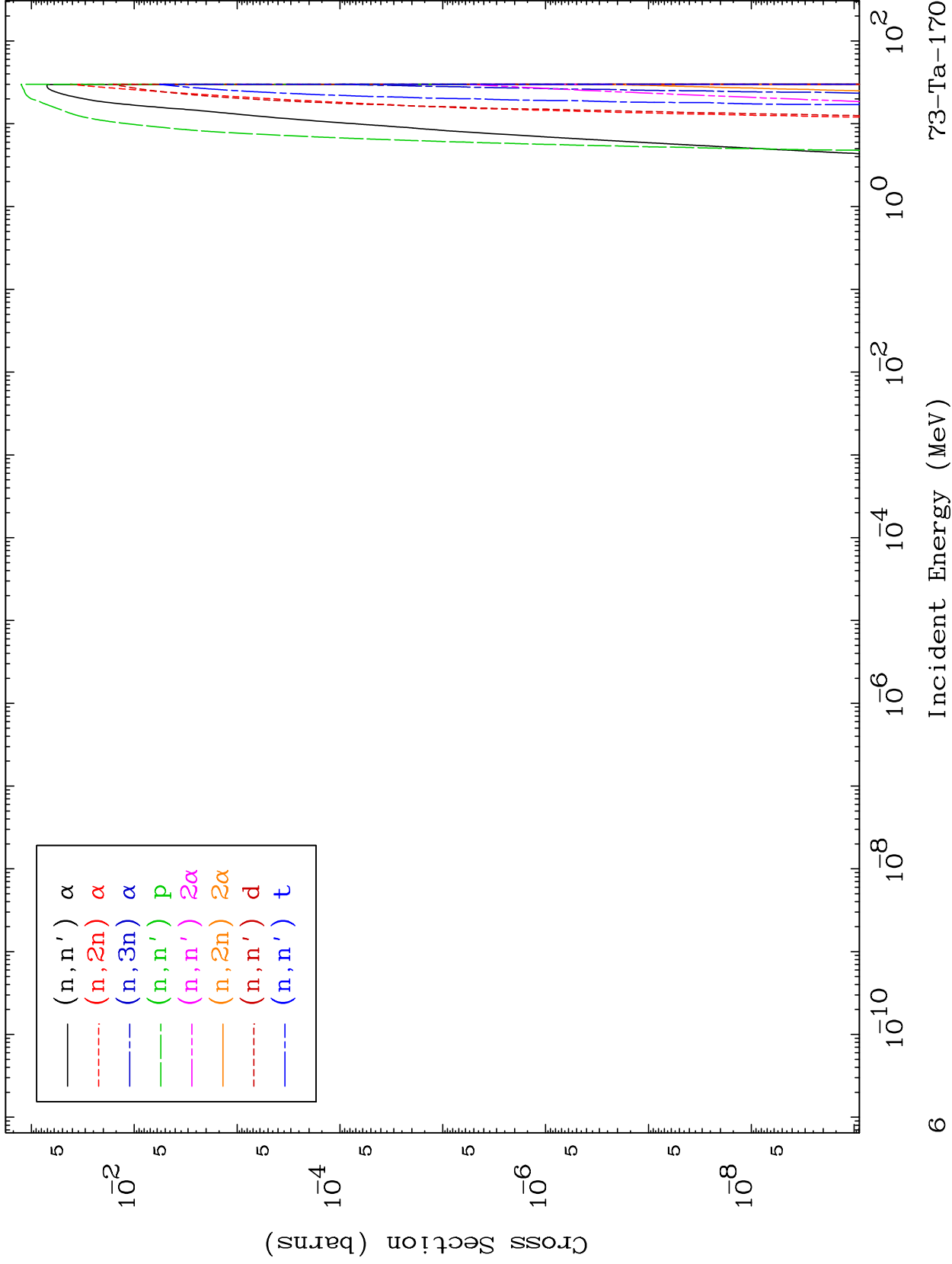
73-Ta-170



MAT 7295

Charged Particle
293 Kelvin Cross Sections

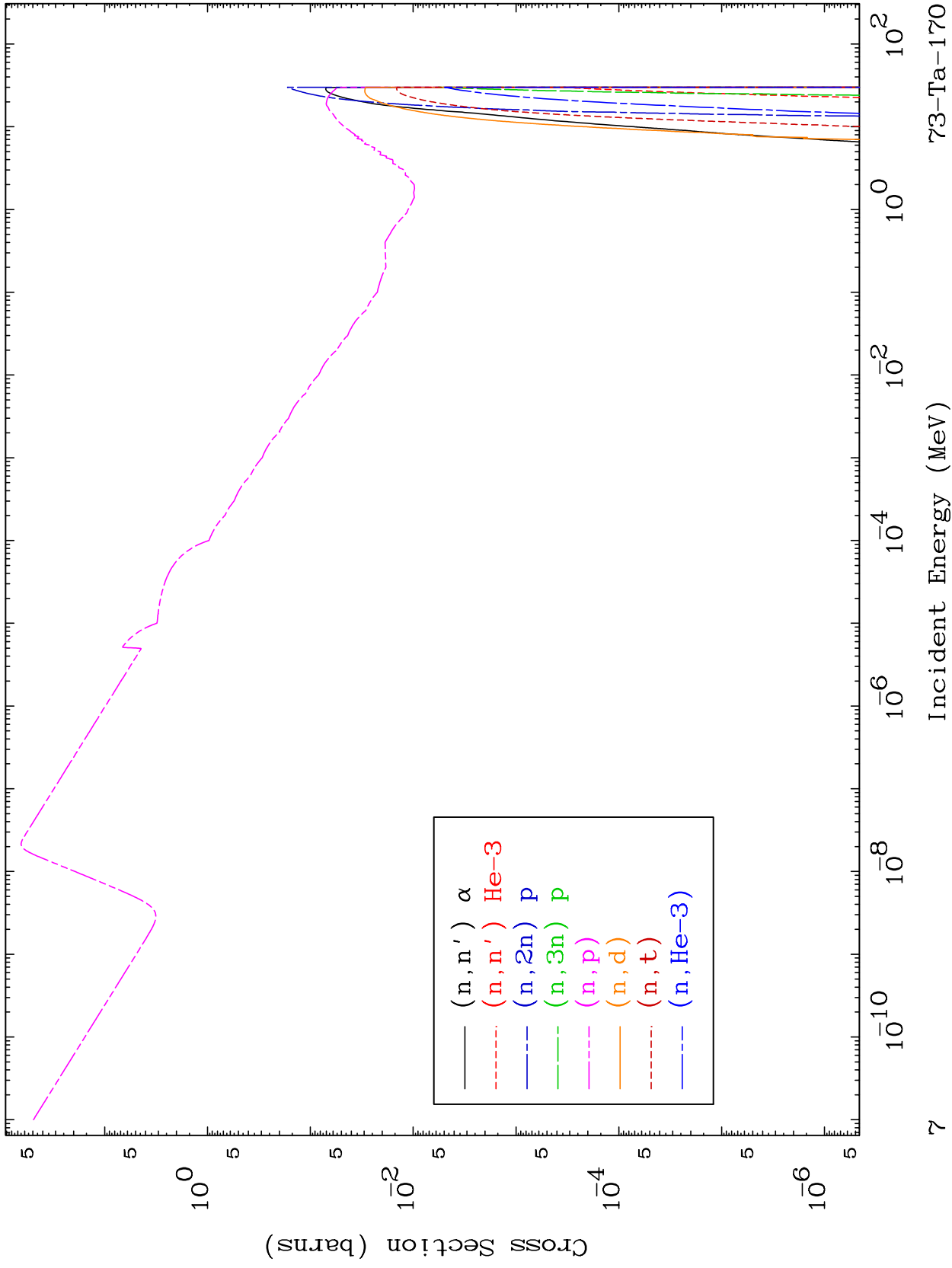
73-Ta-170

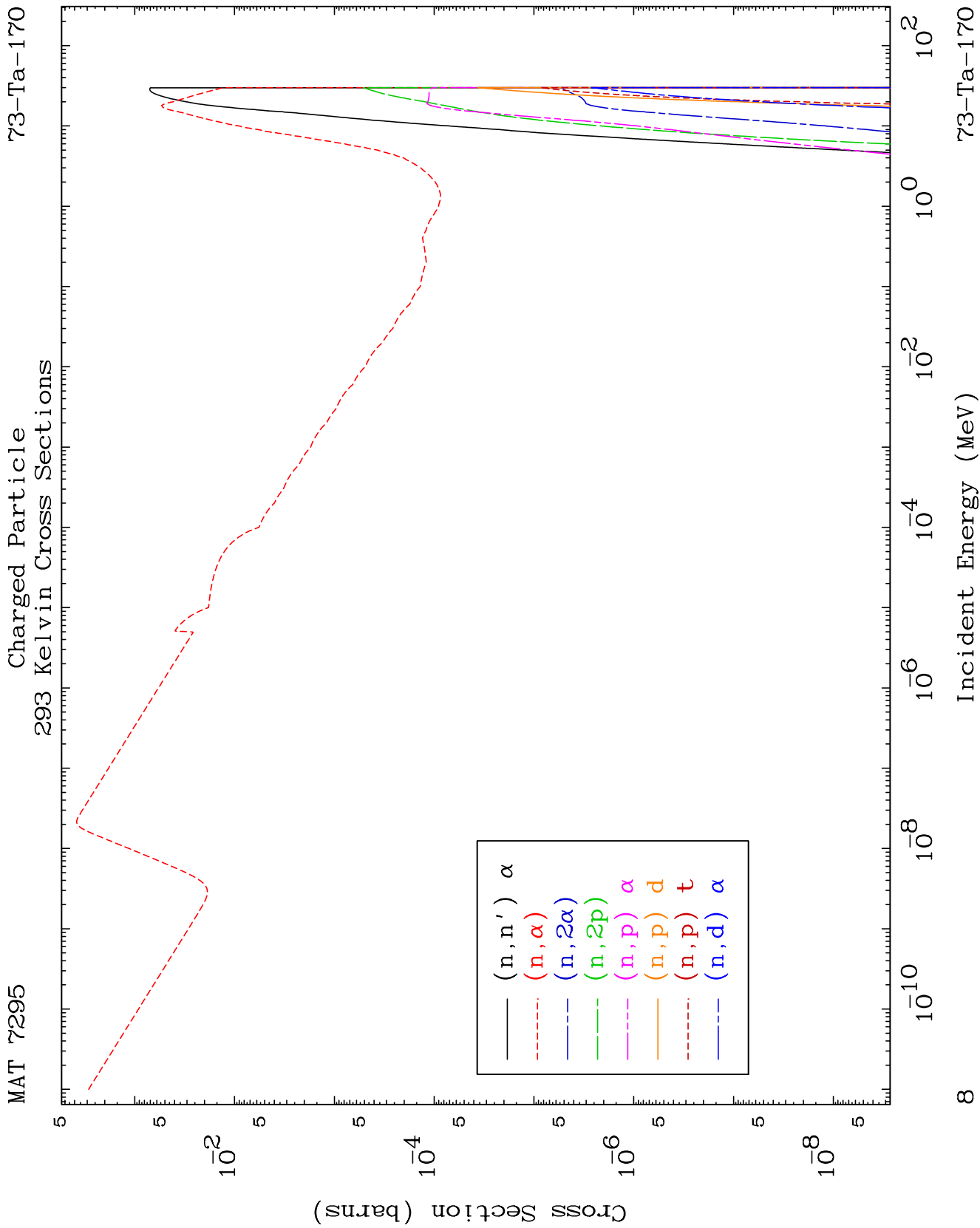


MAT 7295

Charged Particle
293 Kelvin Cross Sections

73-Ta-170

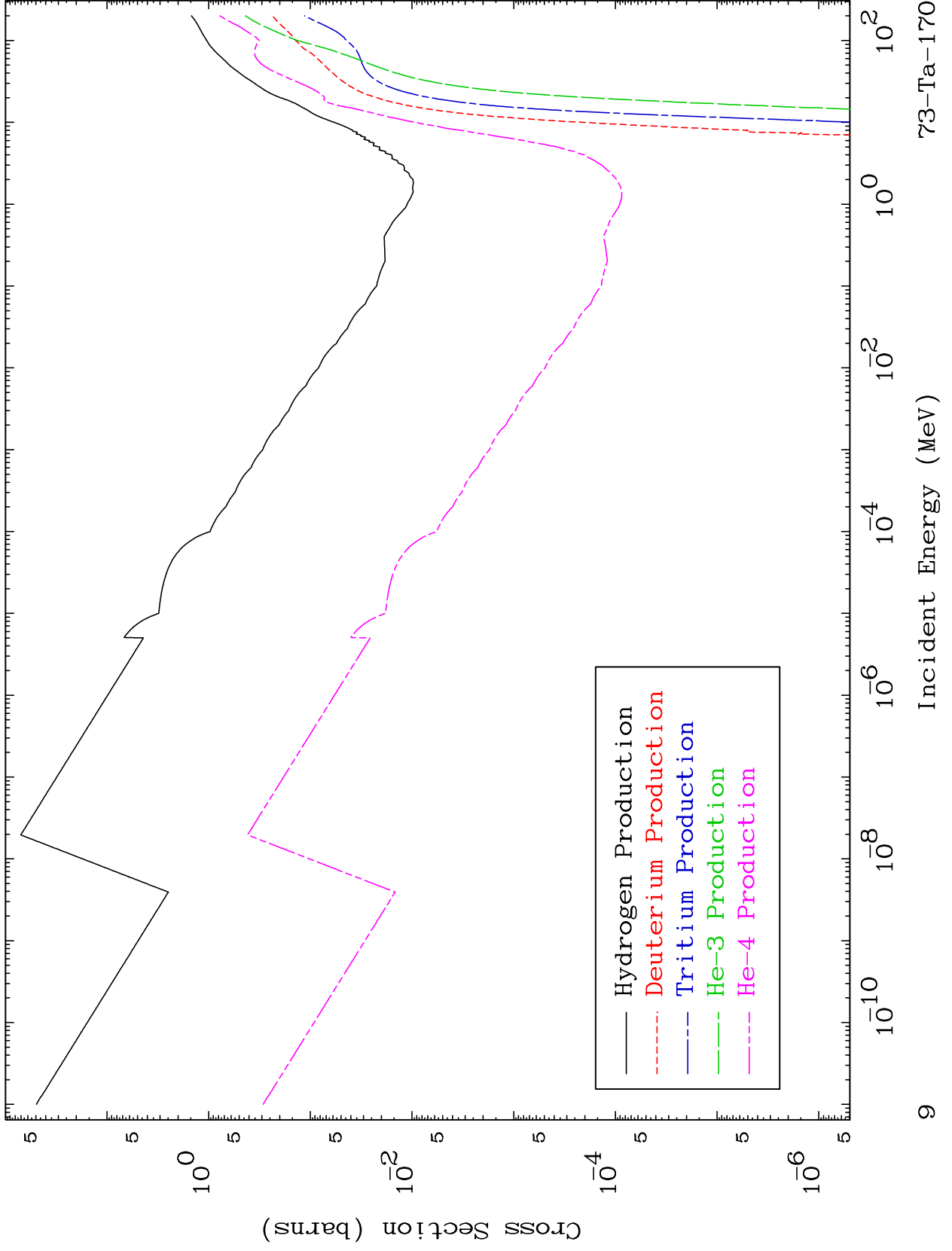




MAT 7295

Particle Production
293 Kelvin Cross Sections

73-Ta-170

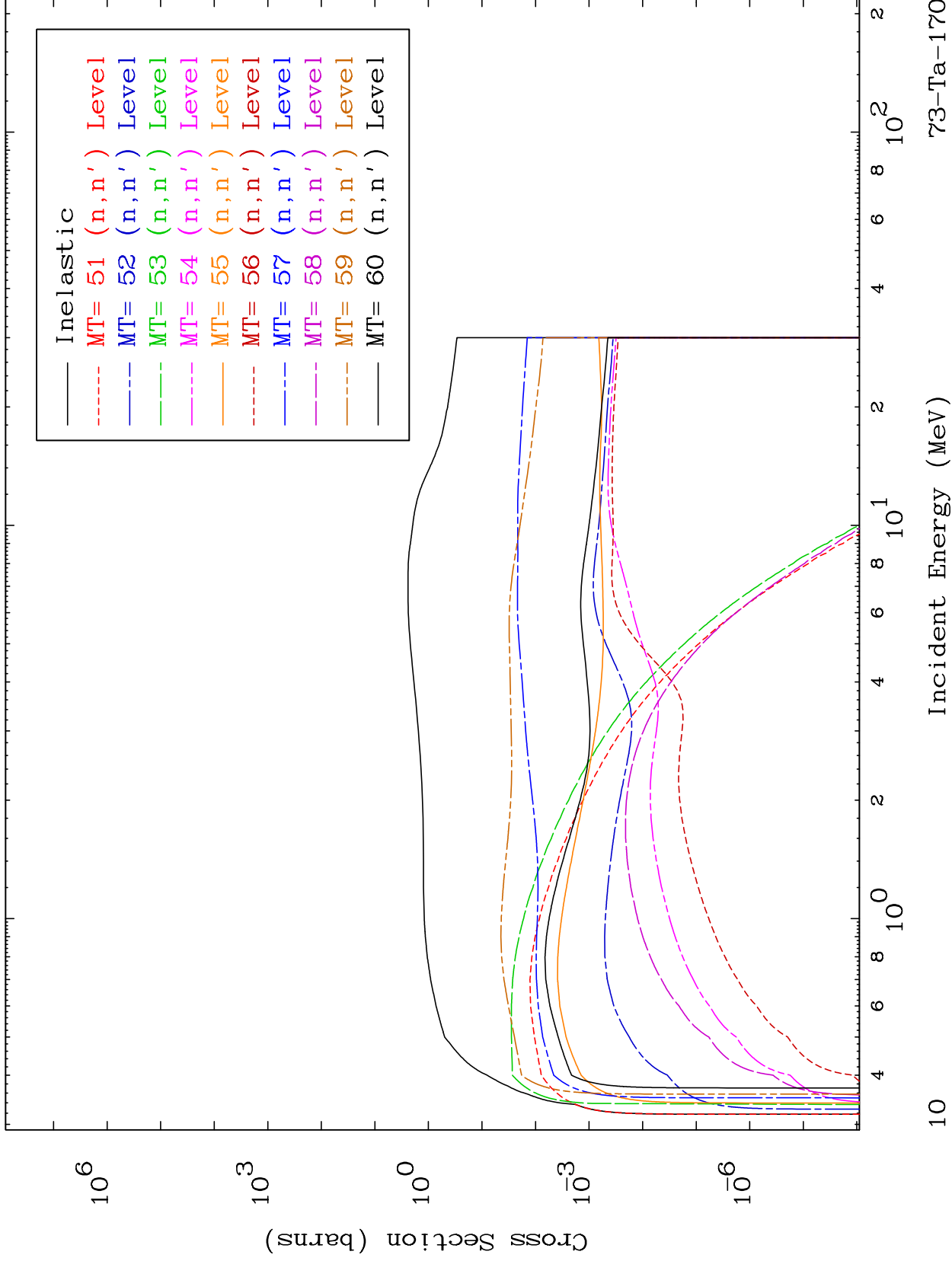


MAT 7295

(n,n') Levels

73-Ta-170

293 Kelvin Cross Sections

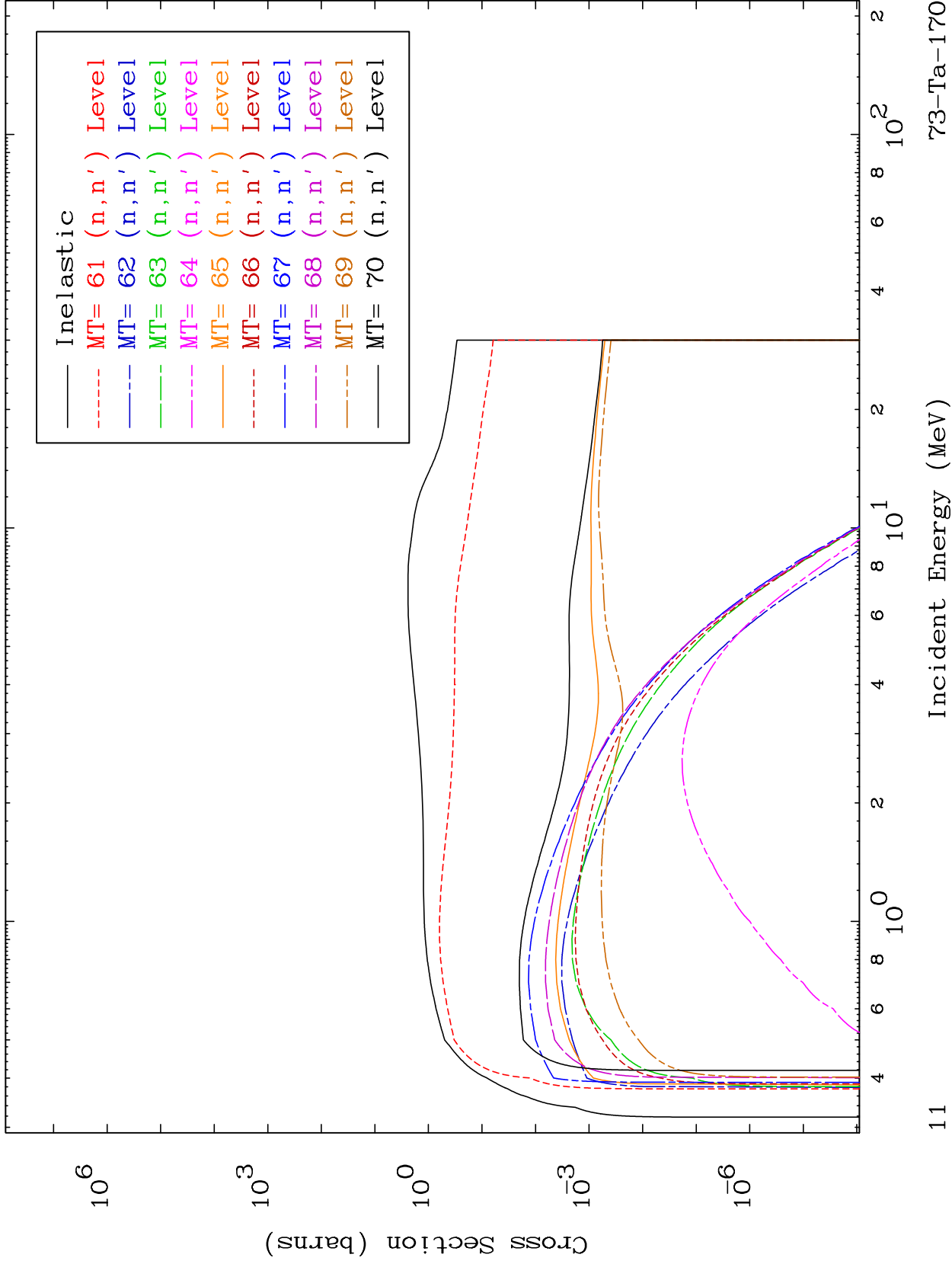


MAT 7295

(n,n') Levels

73-Ta-170

293 Kelvin Cross Sections

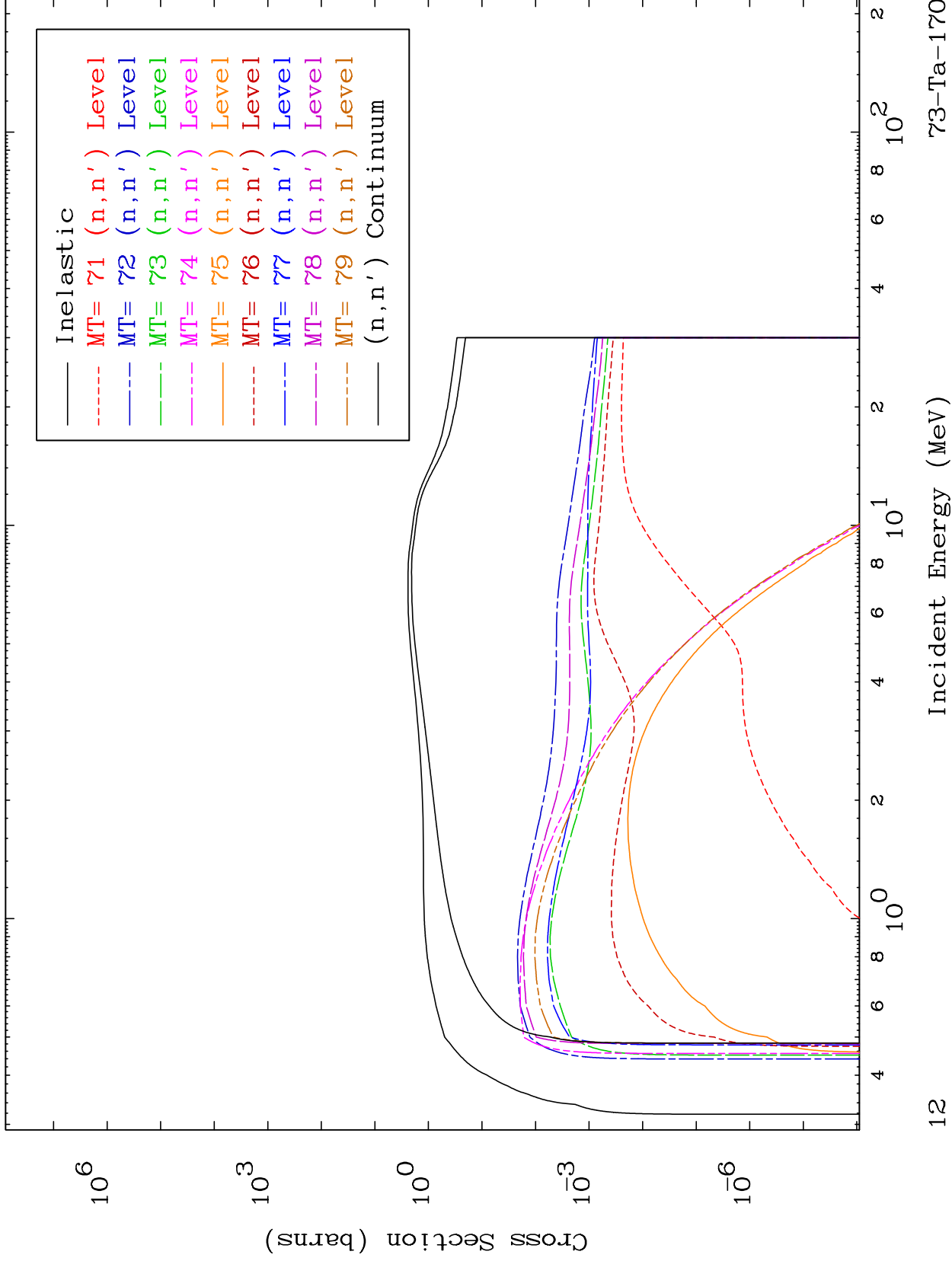


MAT 7295

(n,n') Levels

73-Ta-170

293 Kelvin Cross Sections



12

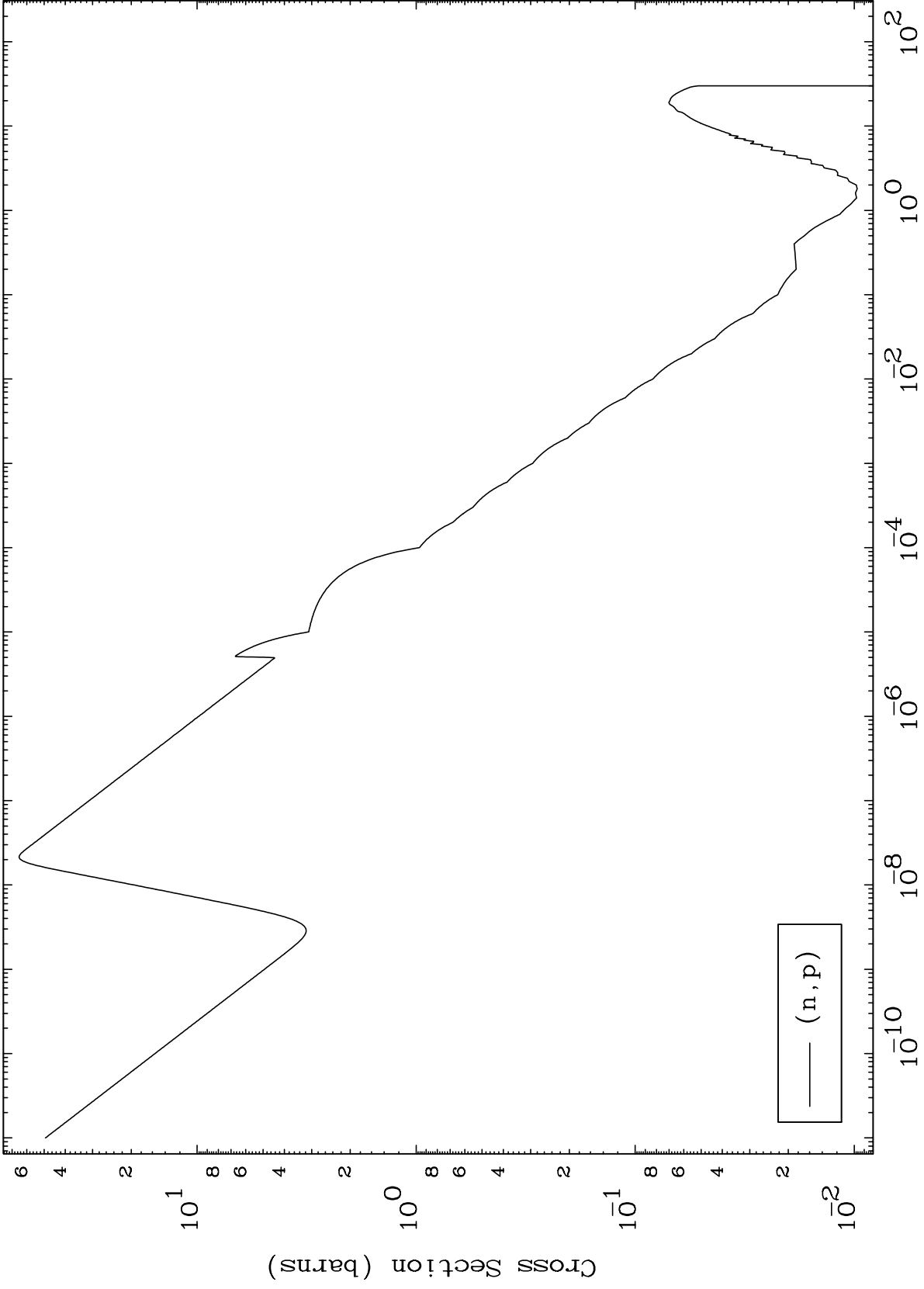
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-170

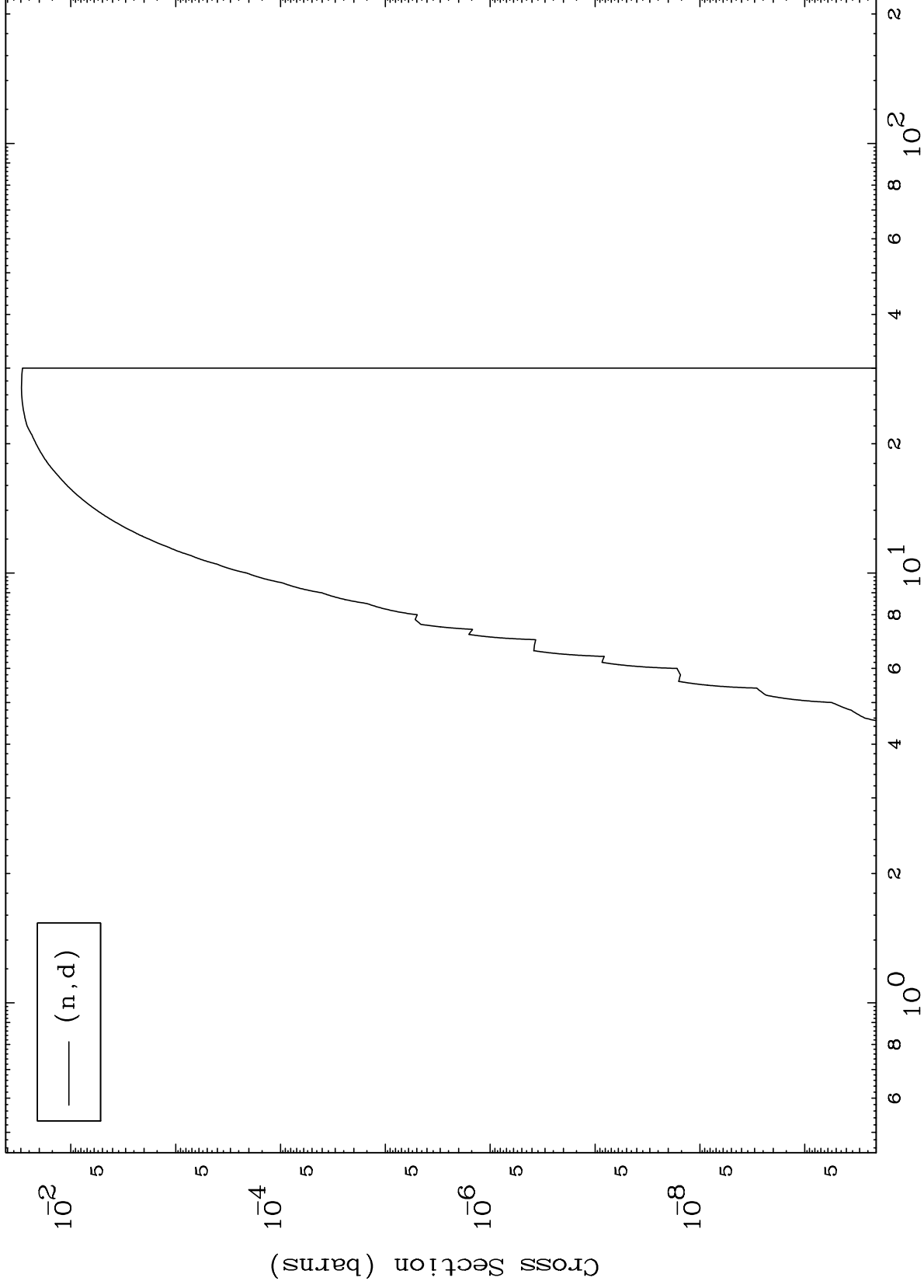


(n,p)

MAT 7295

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-170



14

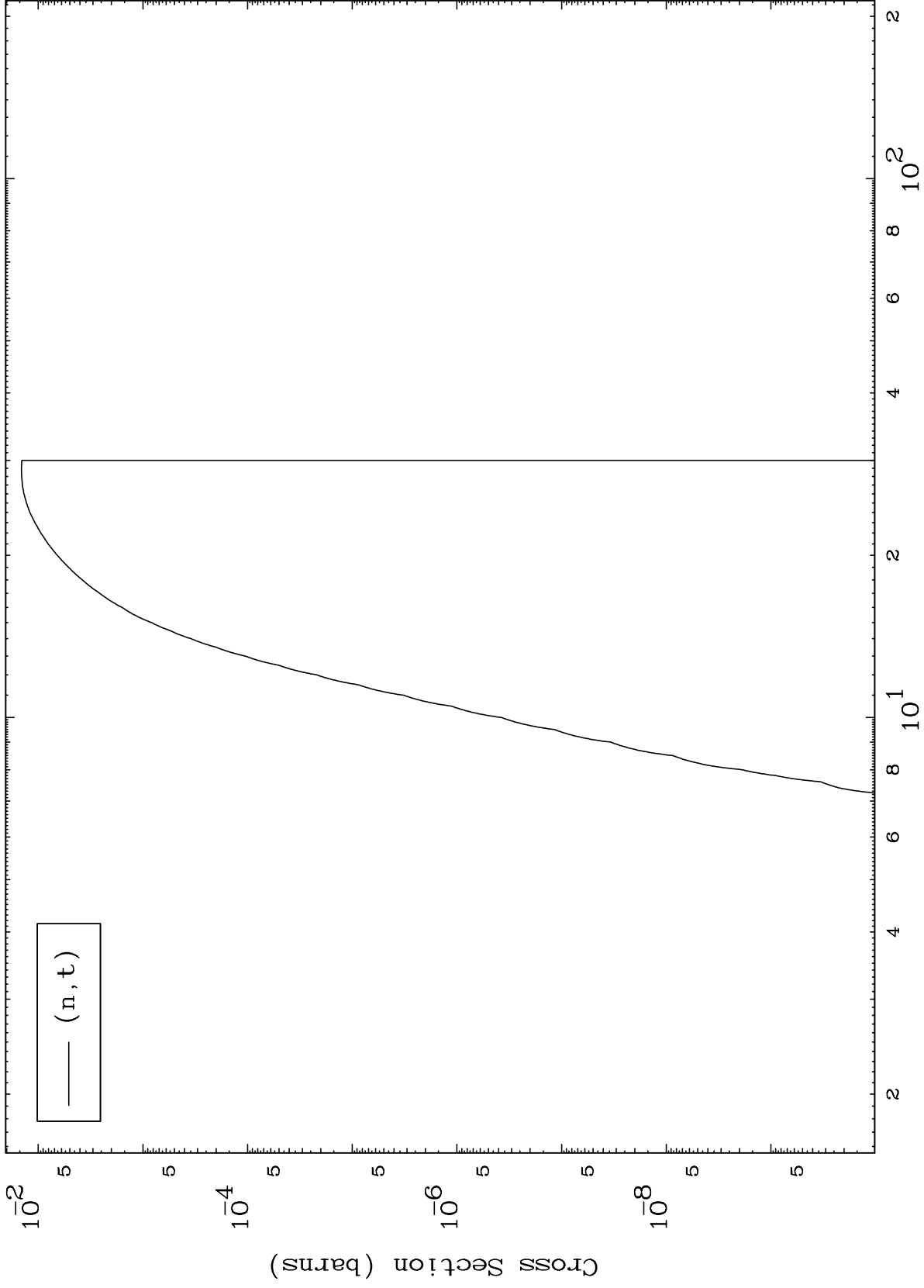
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-170



(n,t)

15

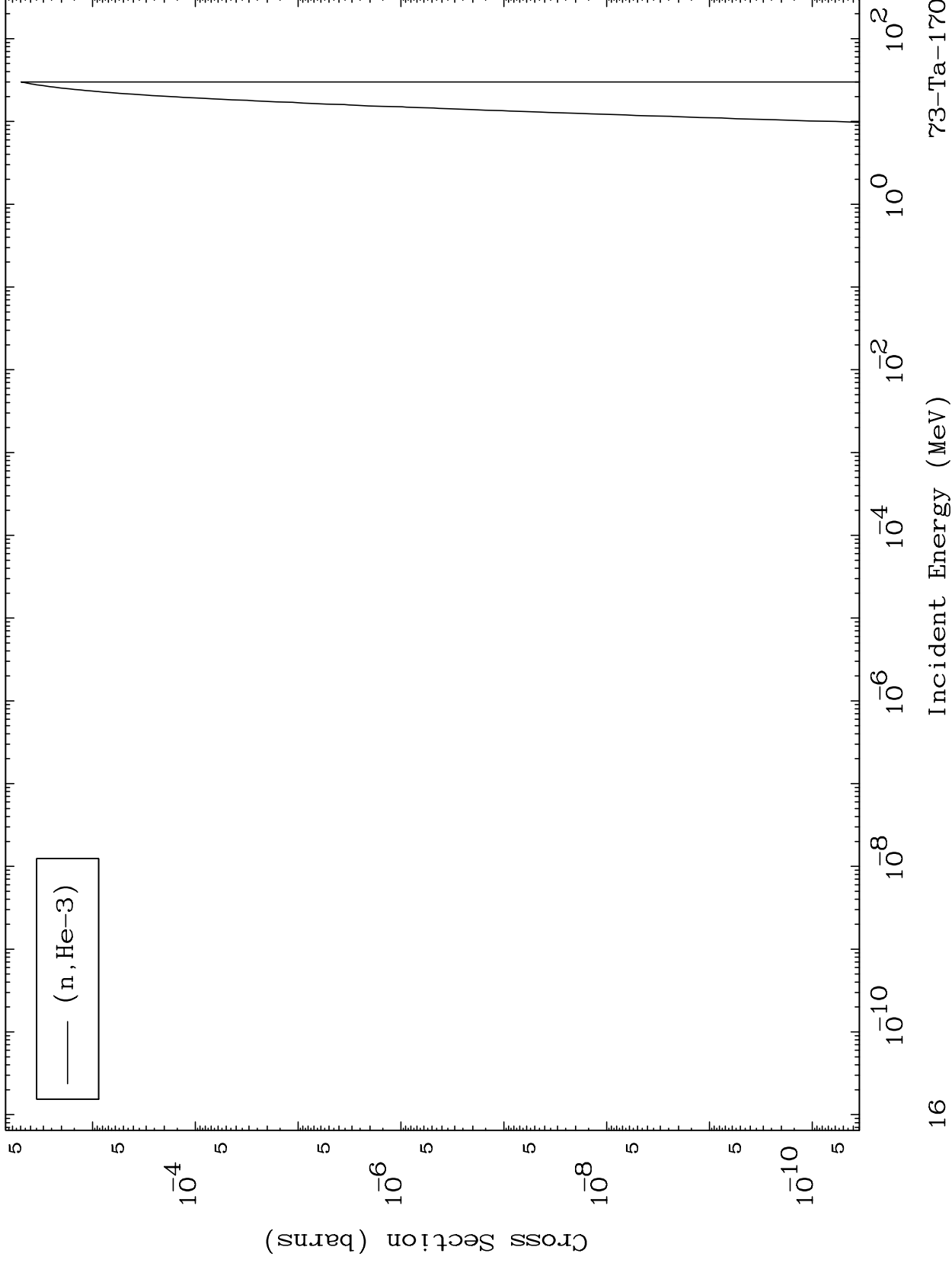
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-170



16

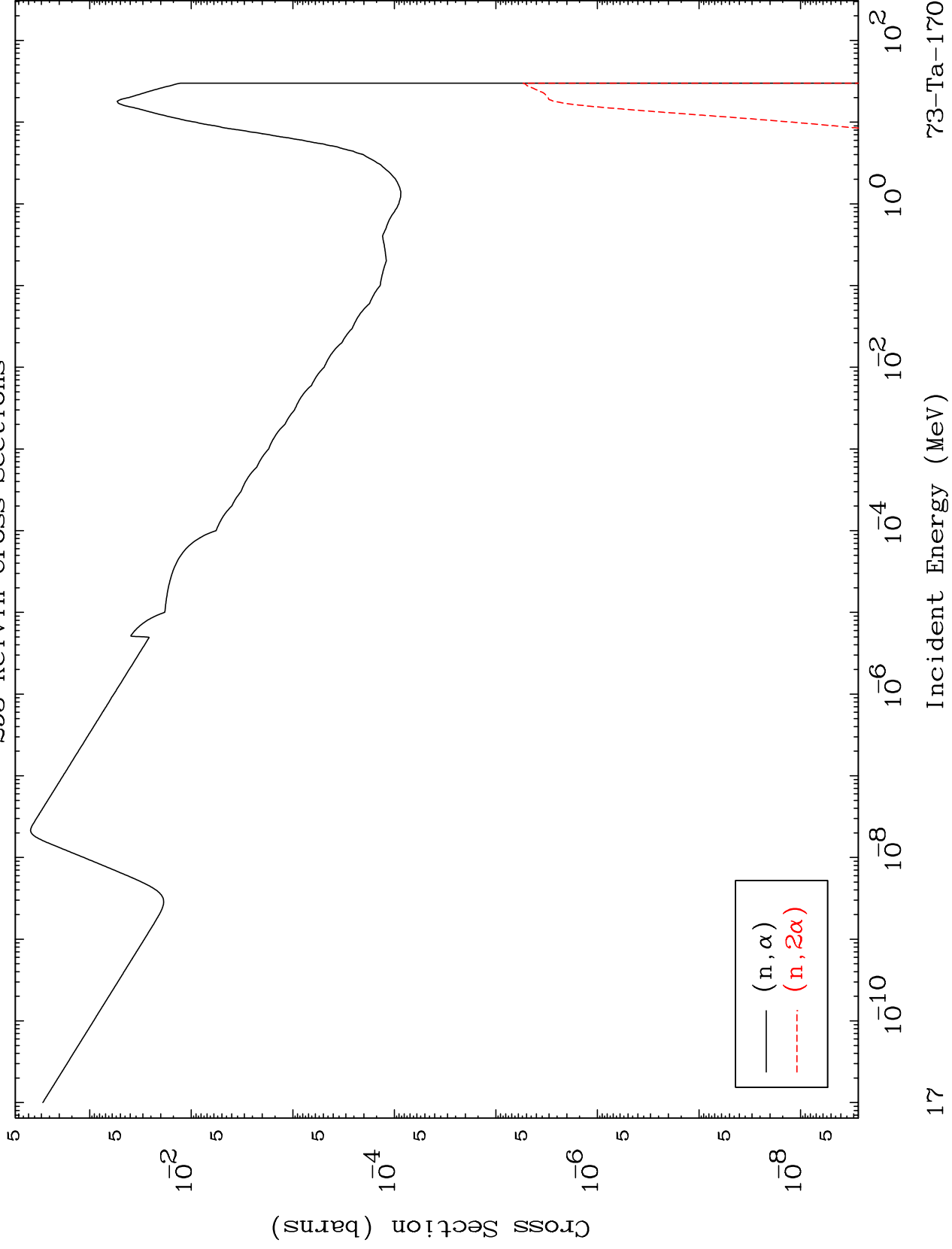
Incident Energy (MeV)

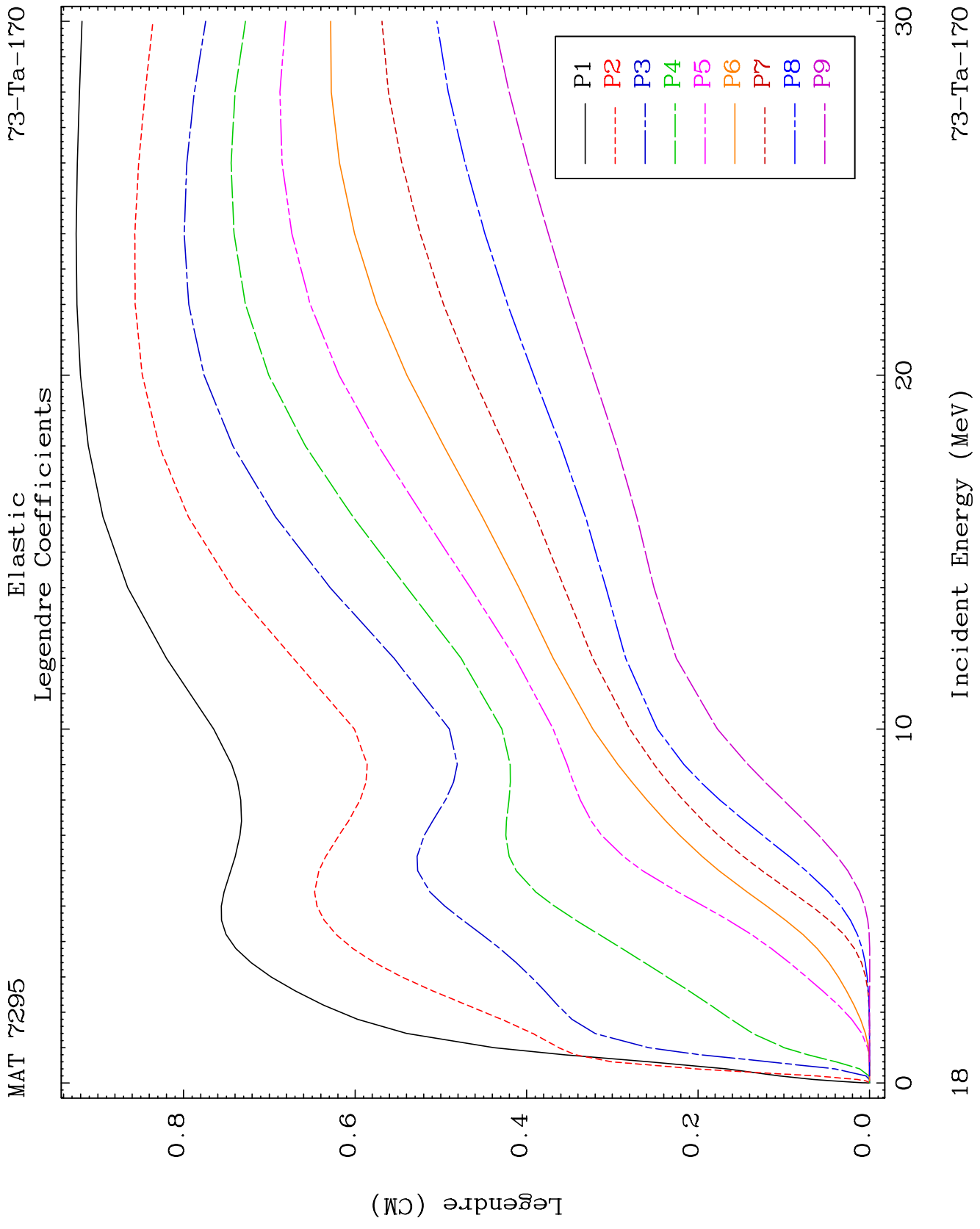
73-Ta-170

MAT 7295

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-170

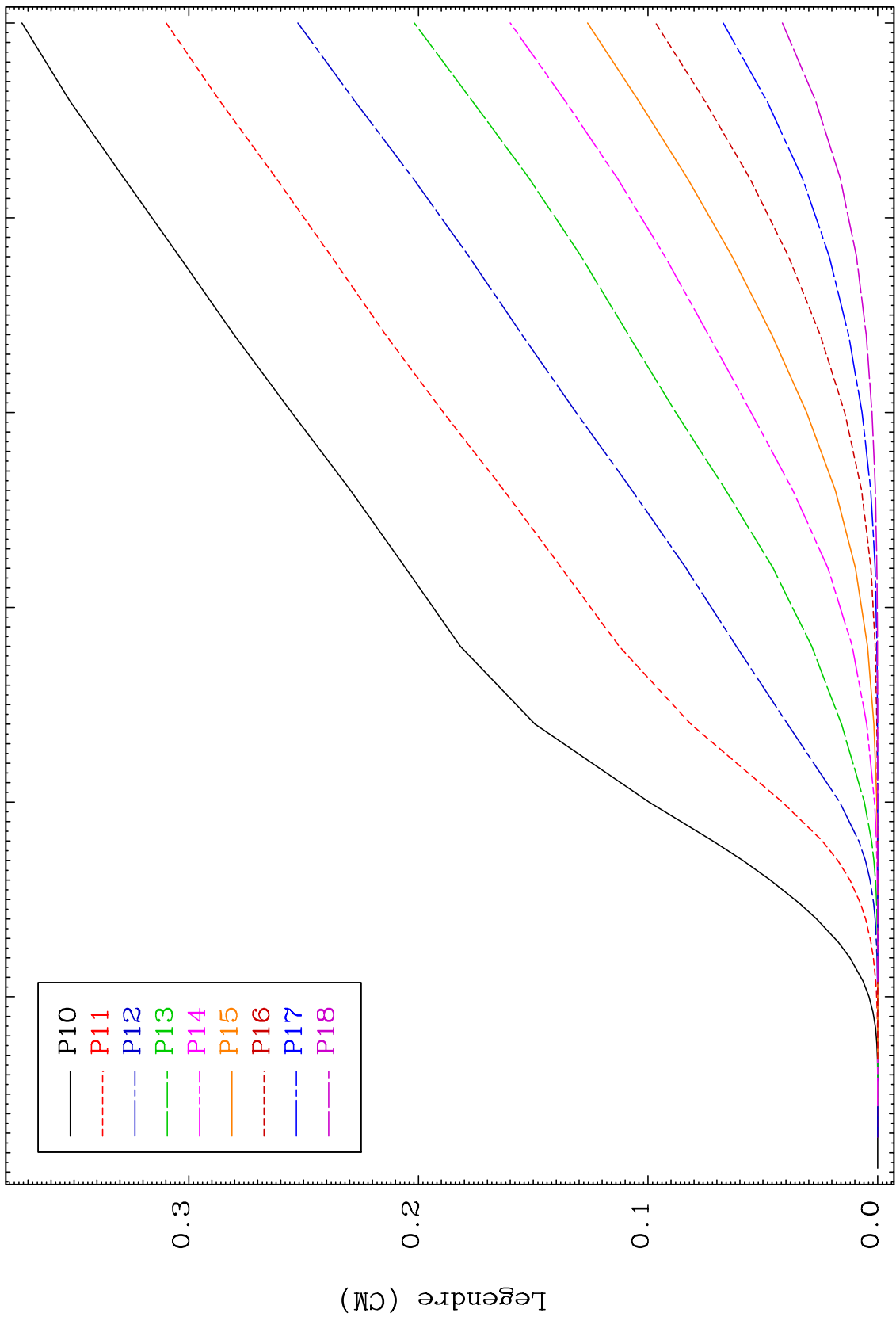




MAT 7295

Elastic Legendre Coefficients

⁷³Ta-170



19

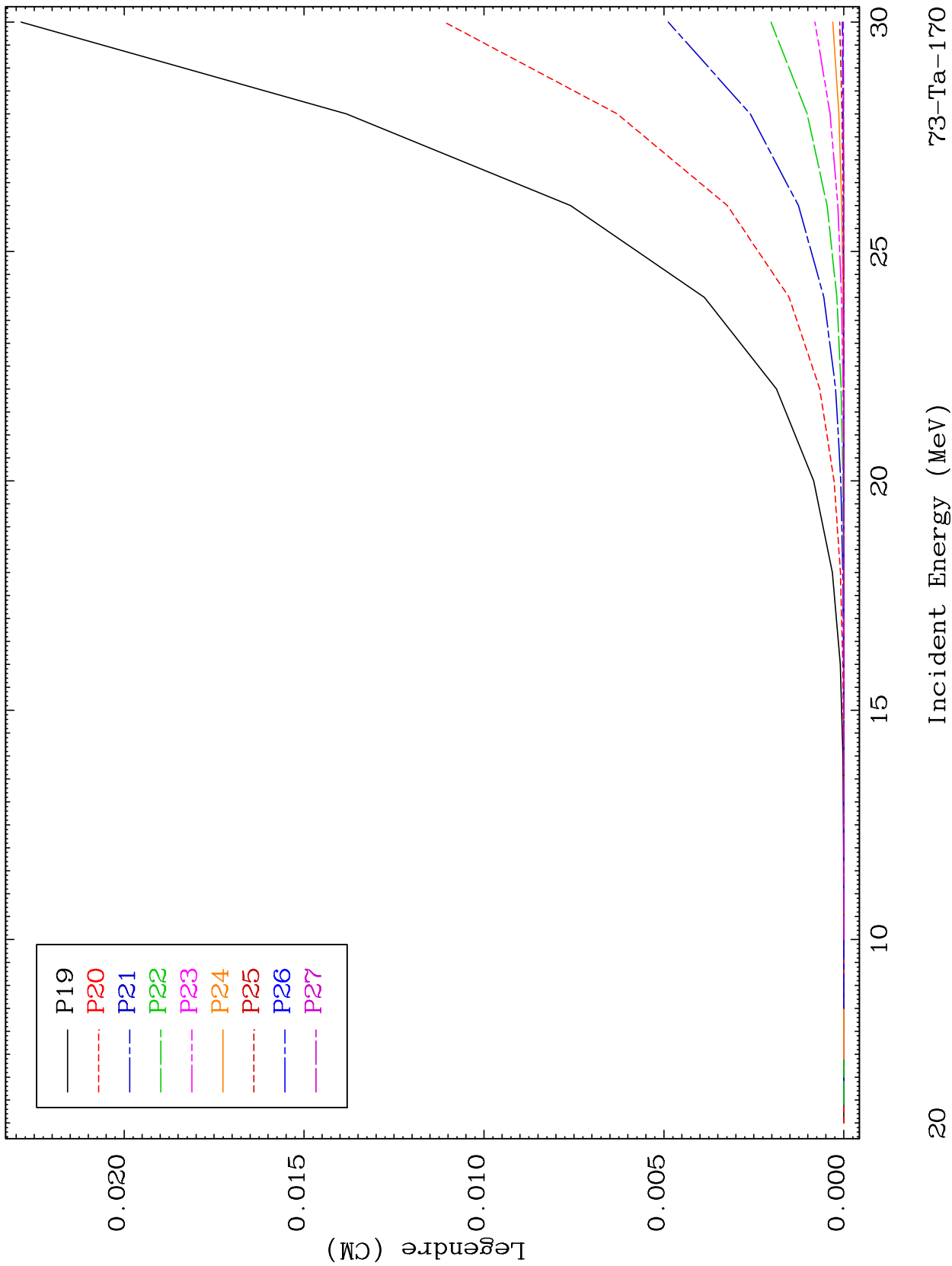
Incident Energy (MeV)

⁷³Ta-170

MAT 7295

Elastic
Legendre Coefficients

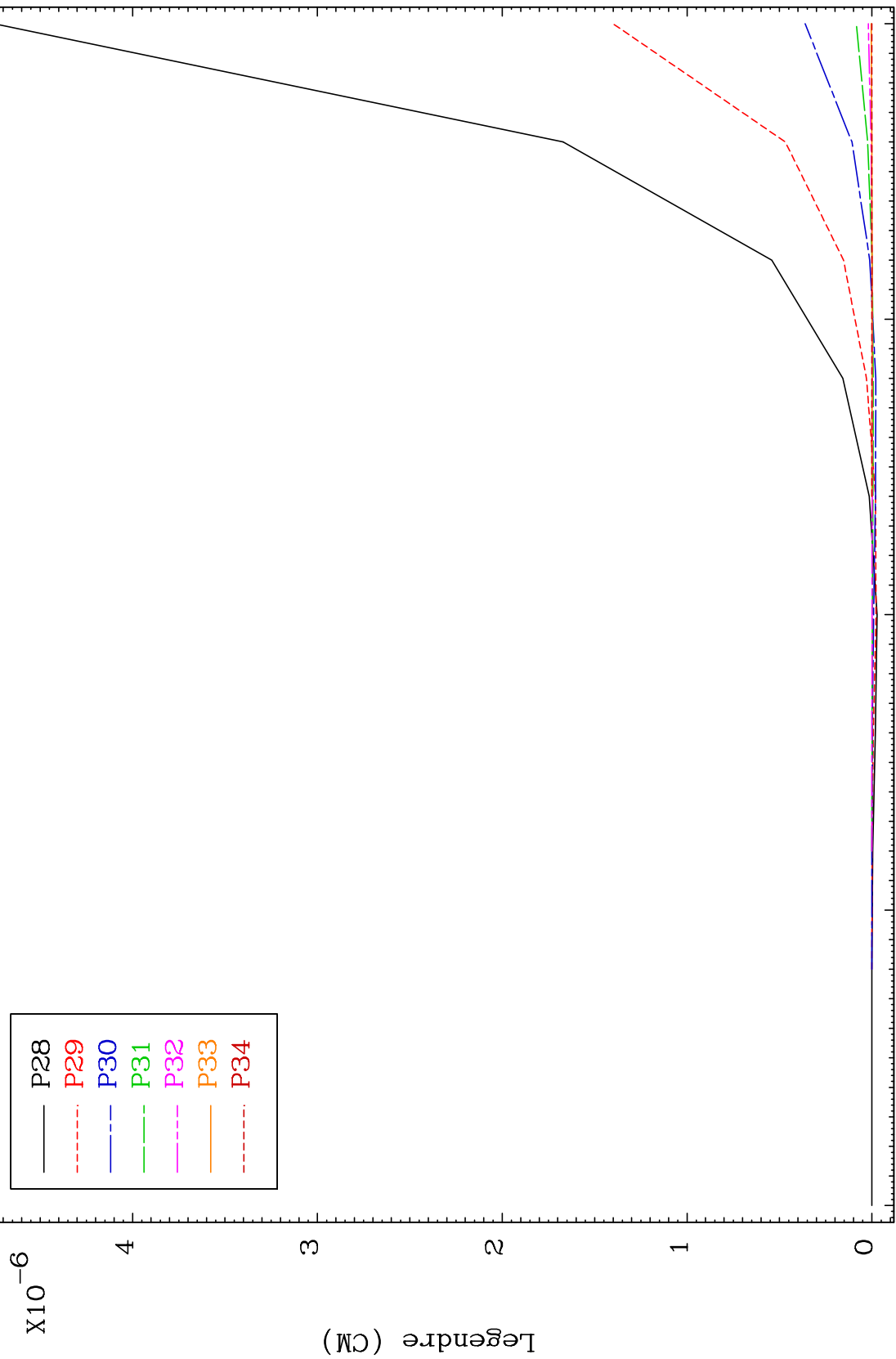
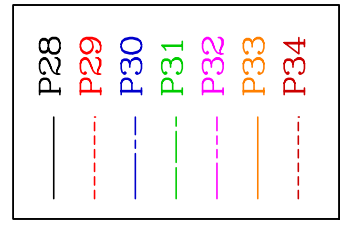
73-Ta-170



MAT 7295

Elastic Legendre Coefficients

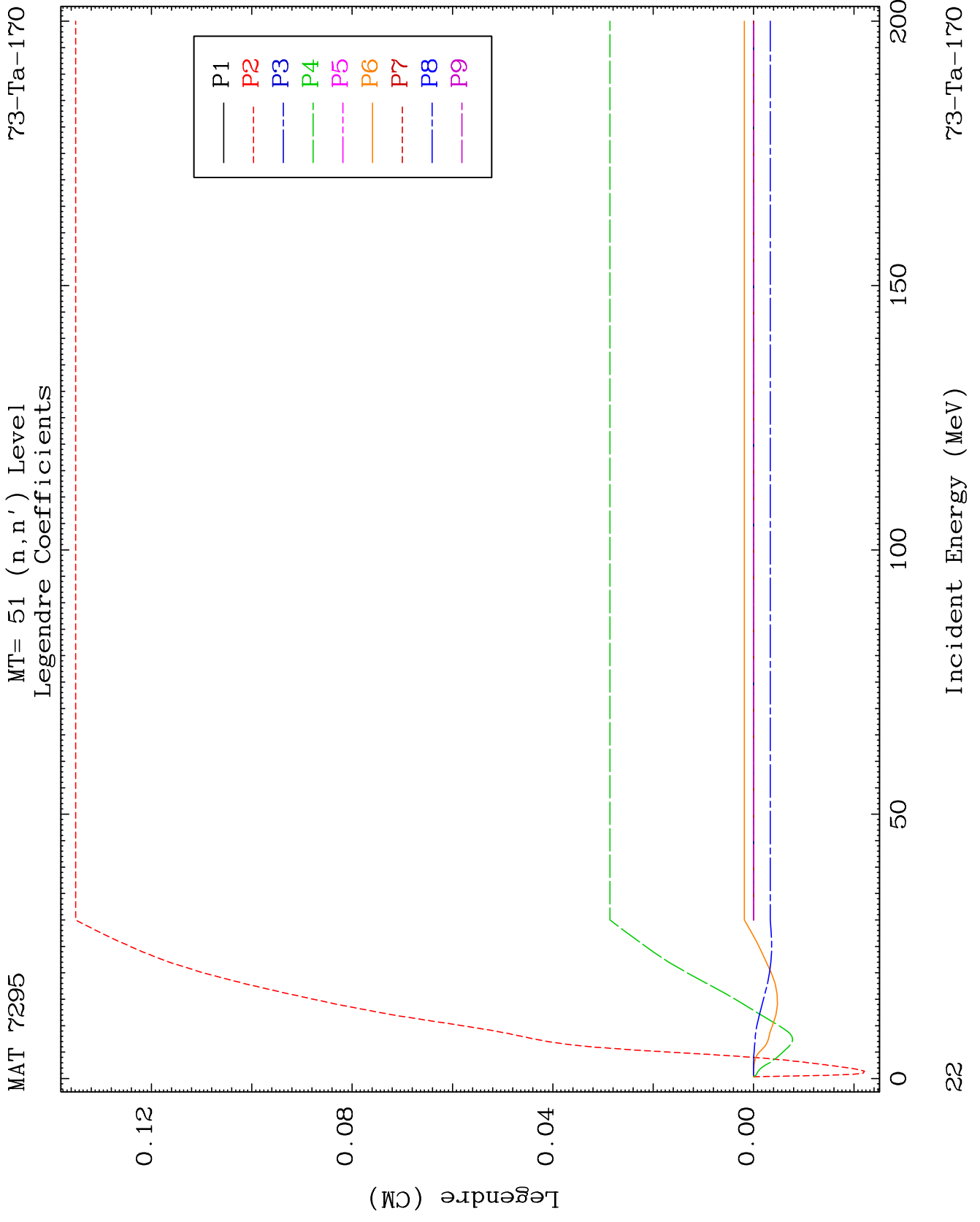
⁷³Ta-170

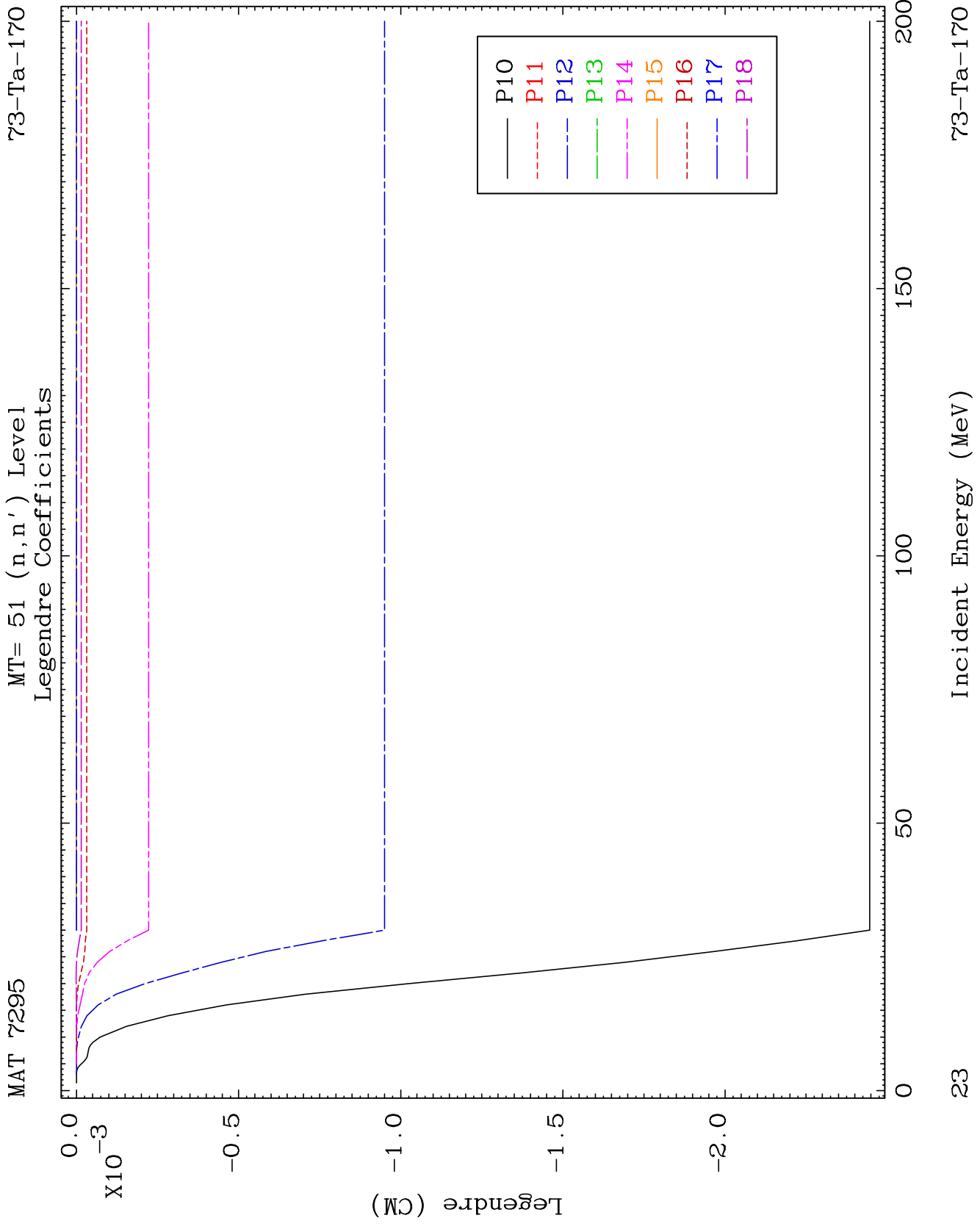


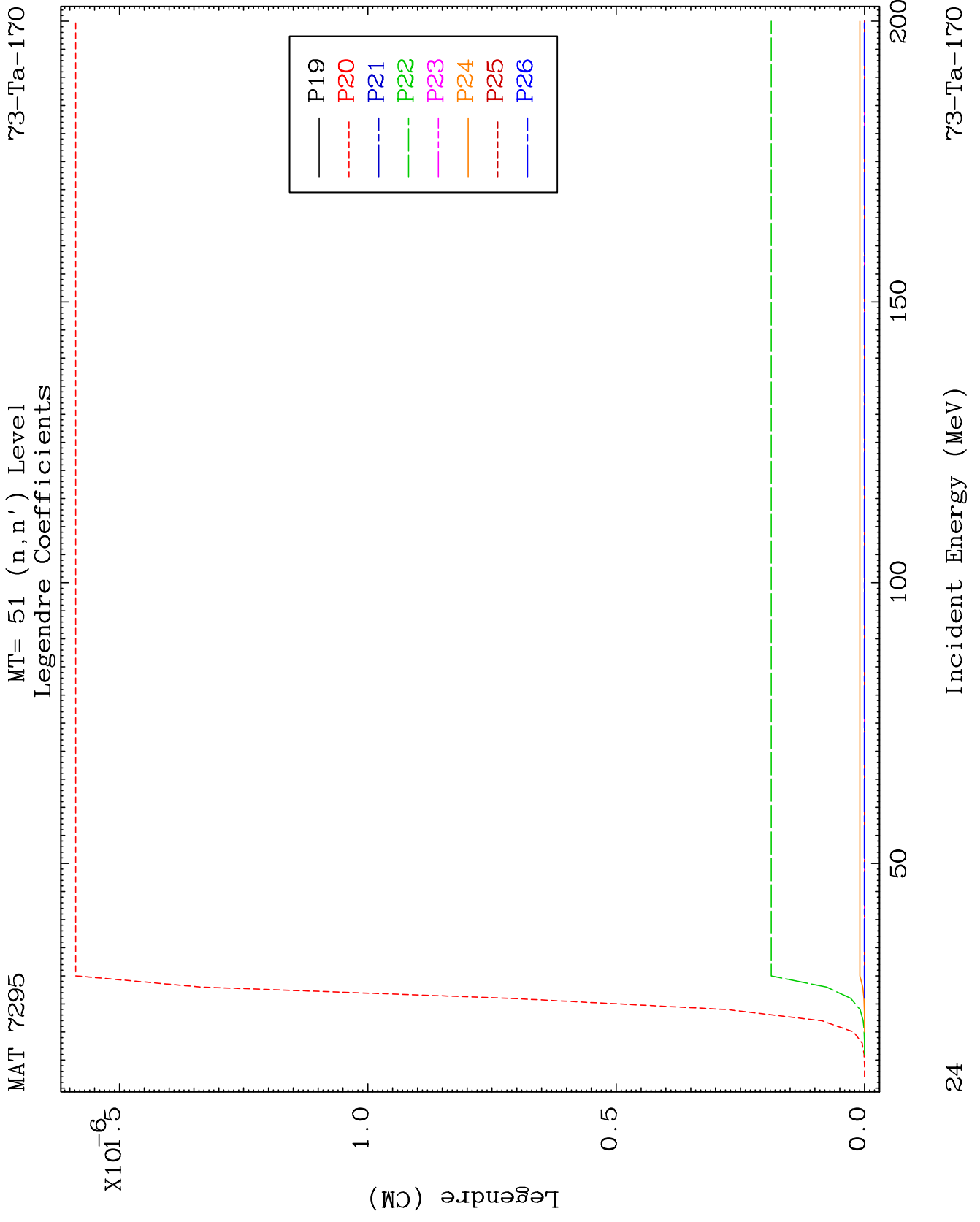
21

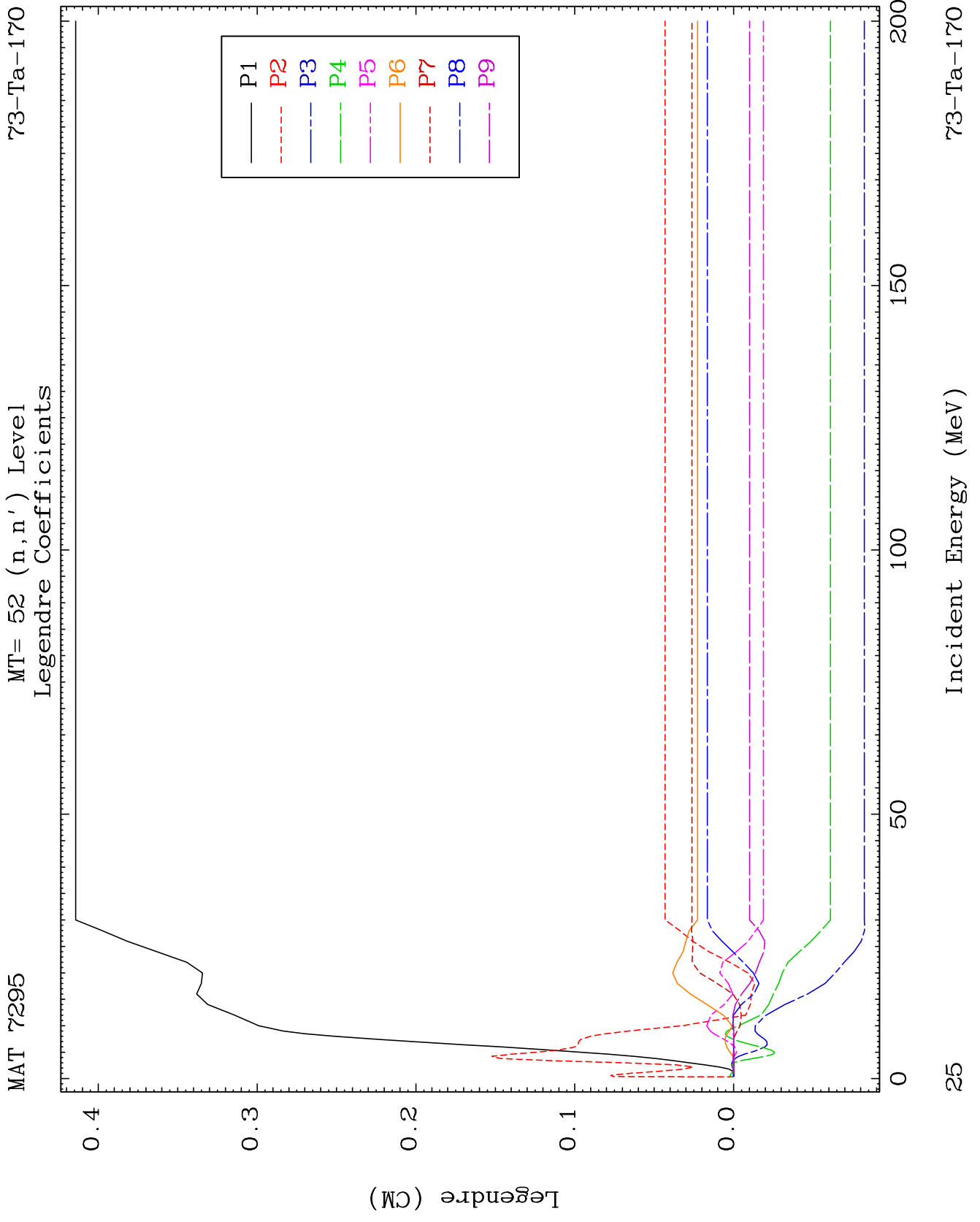
Incident Energy (MeV)

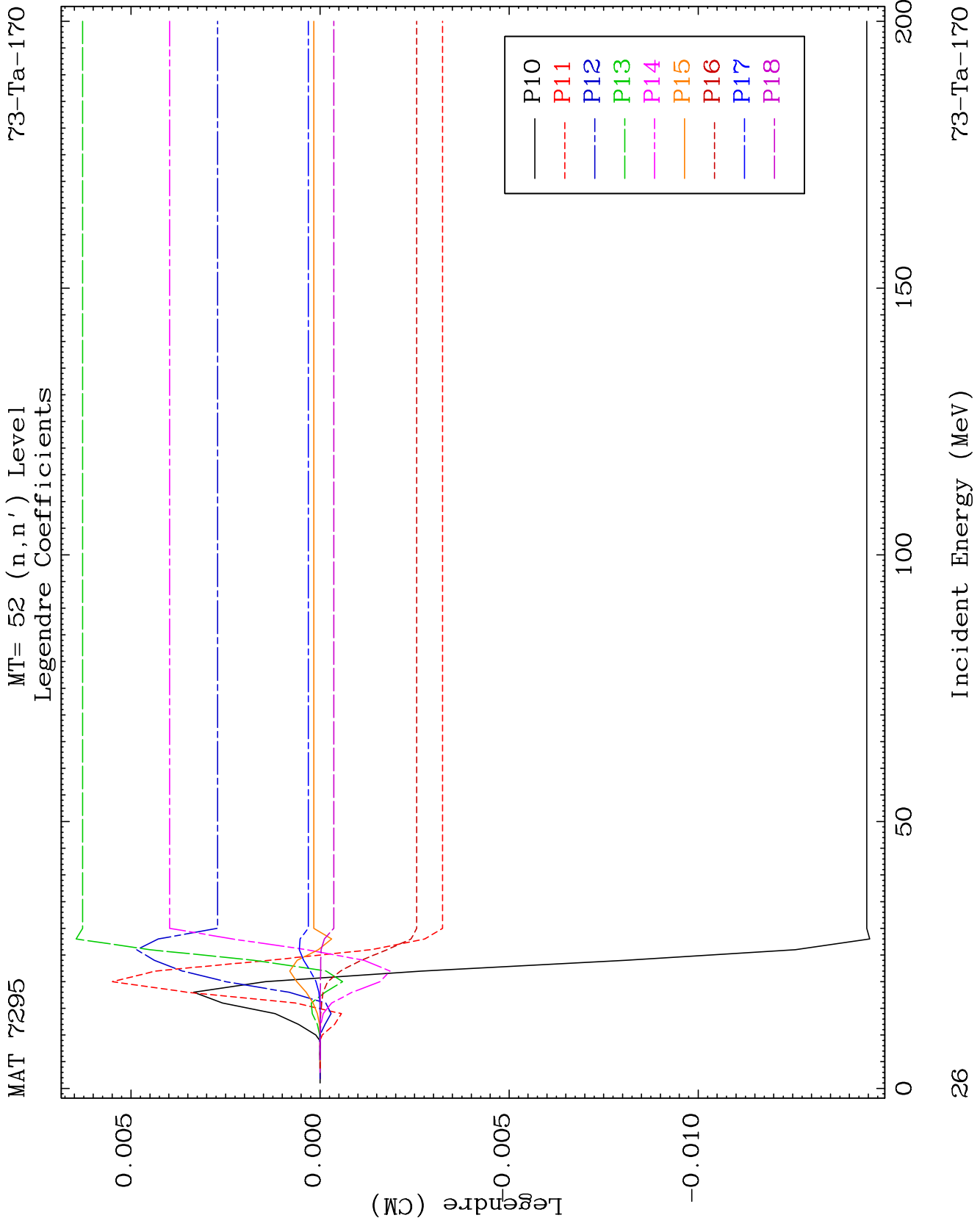
⁷³Ta-170







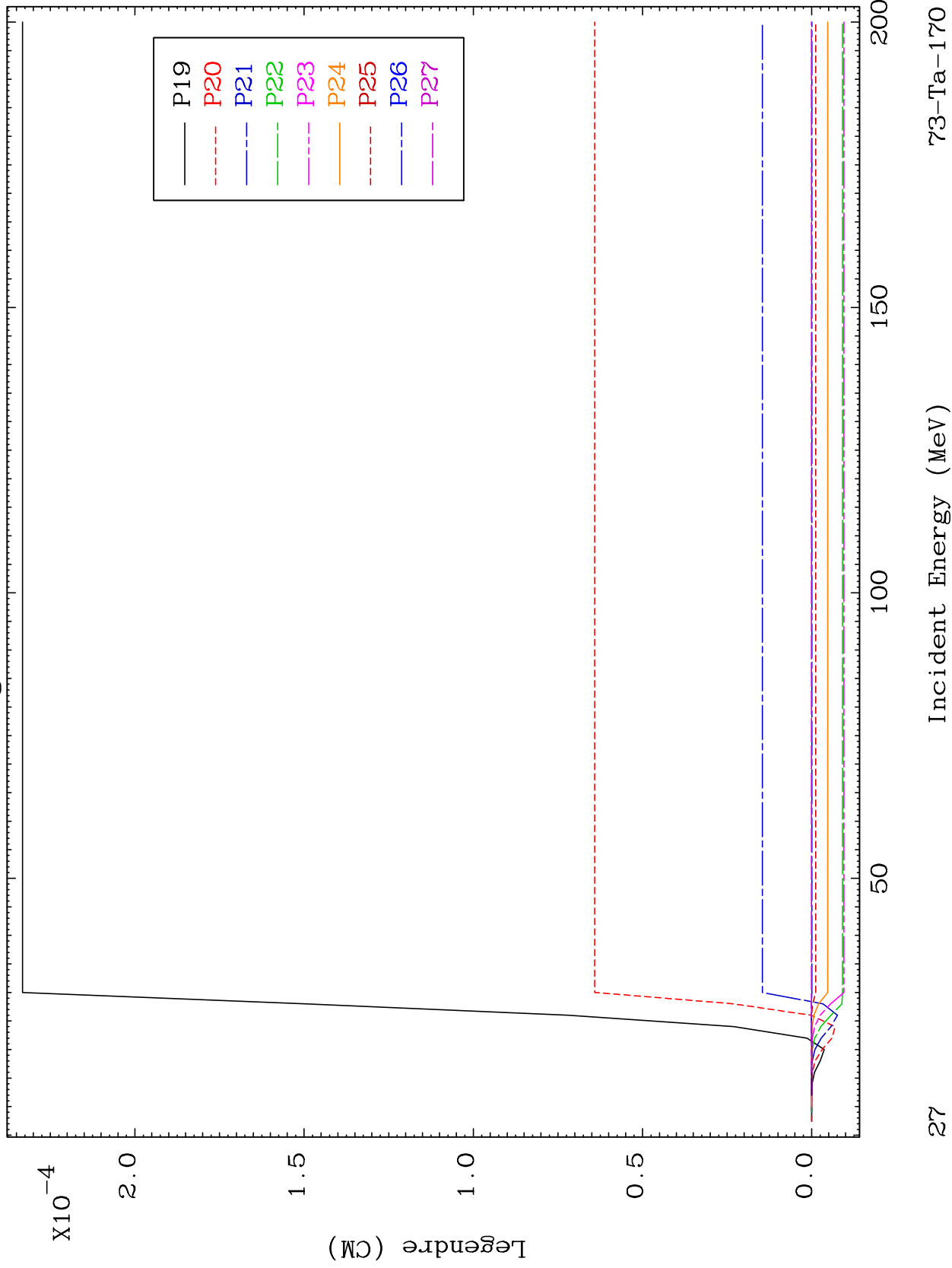




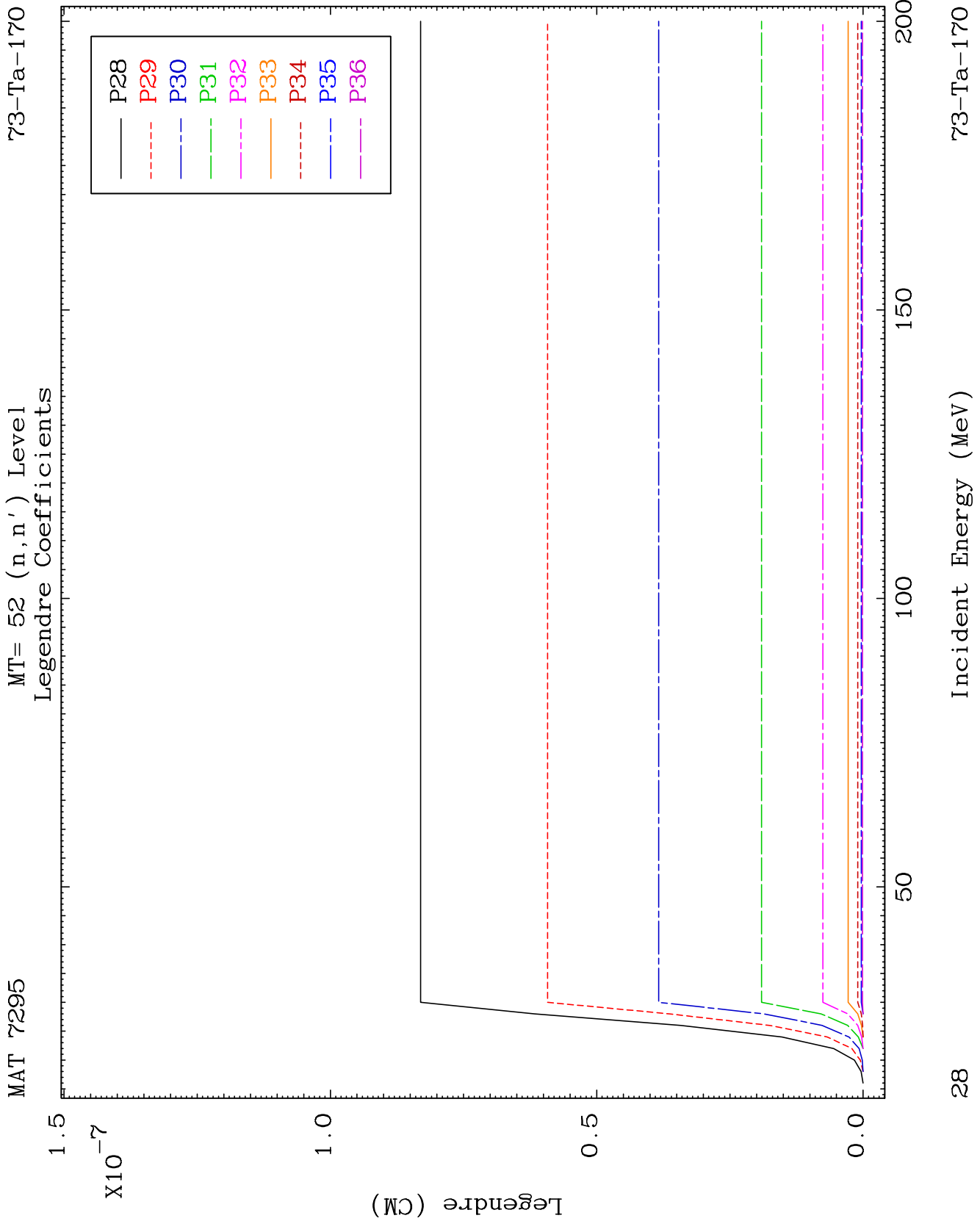
MAT 7295

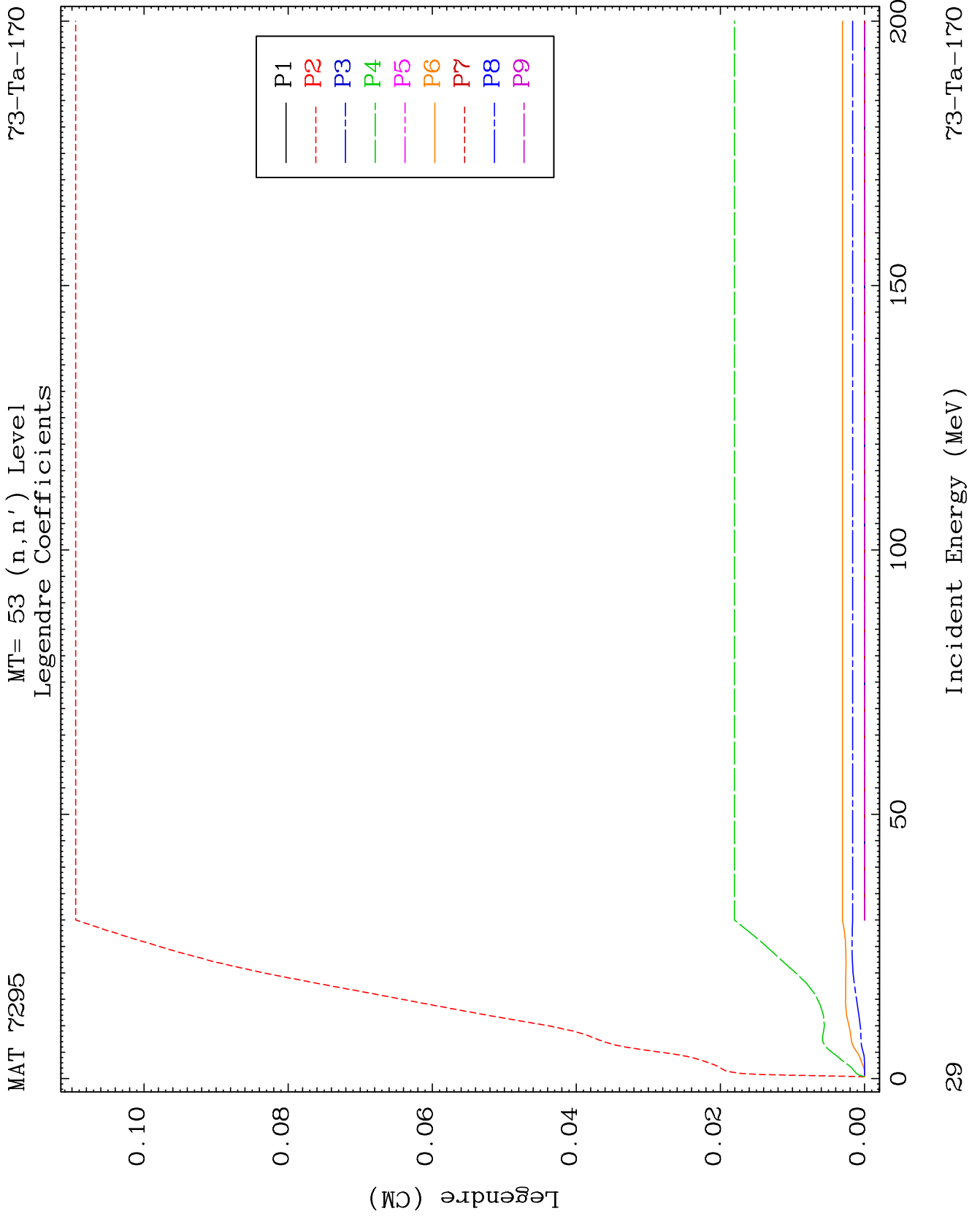
MT= 52 (n,n') Level
Legendre Coefficients

73-Ta-170



27

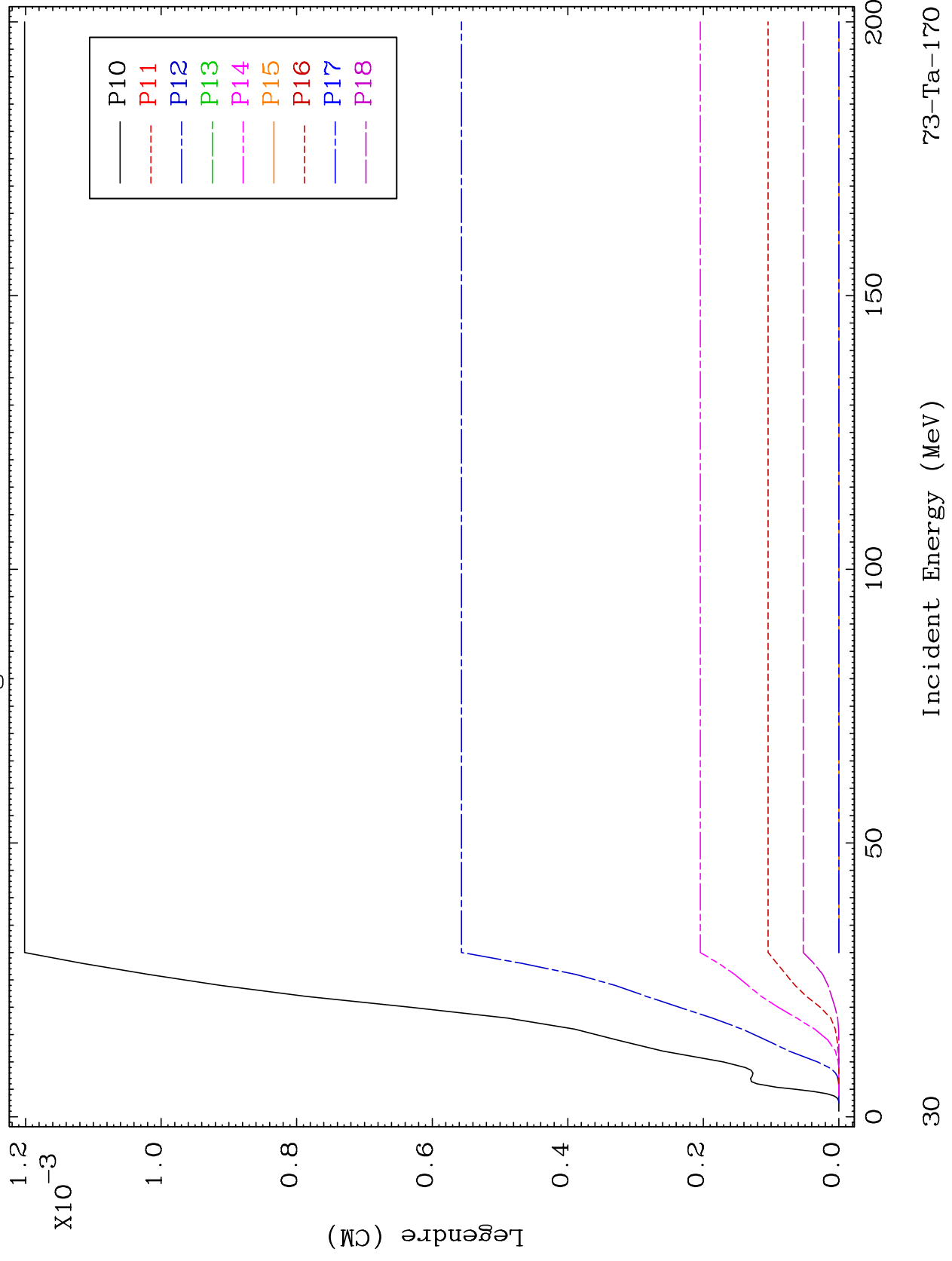


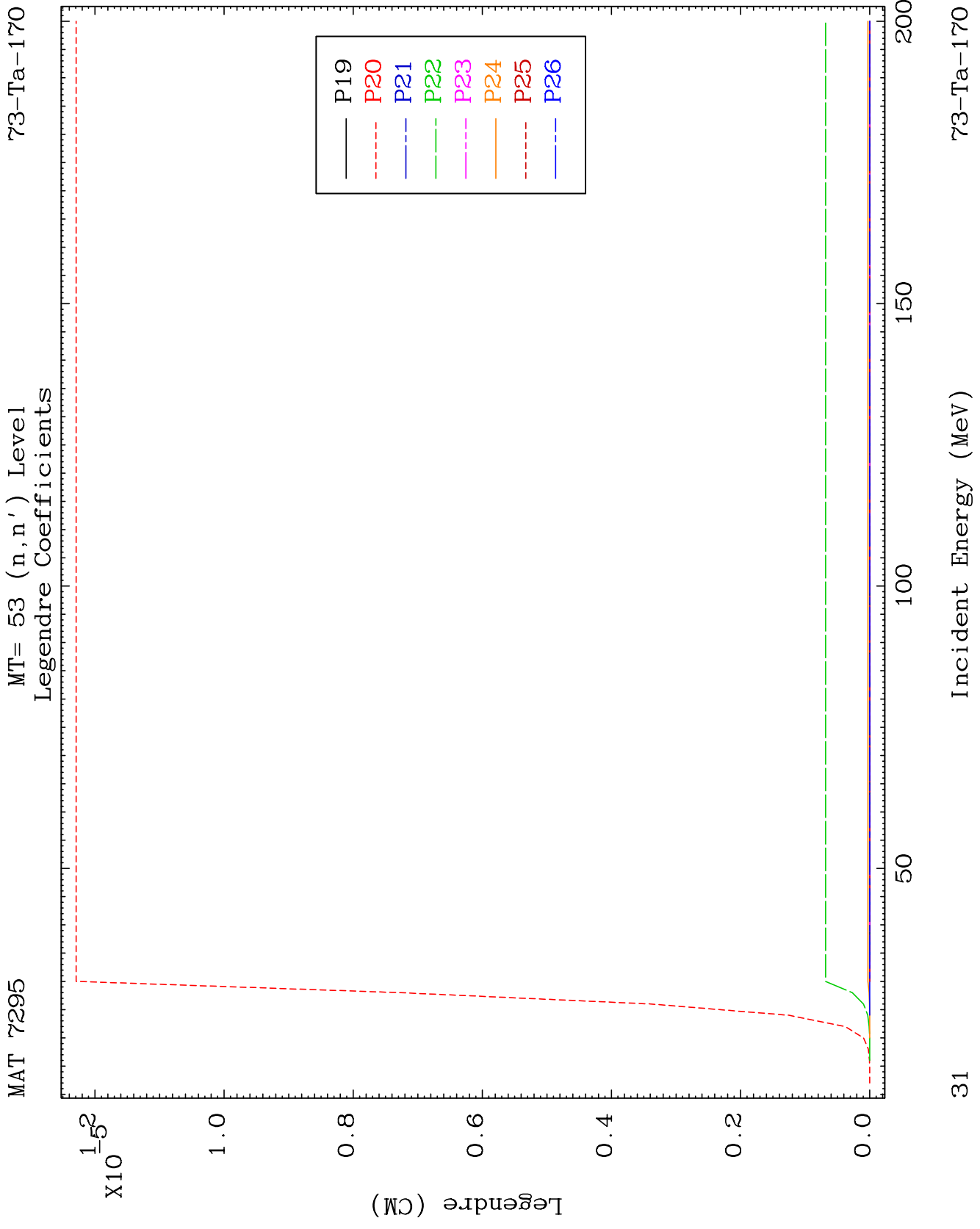


MAT 7295

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

73-Ta-170

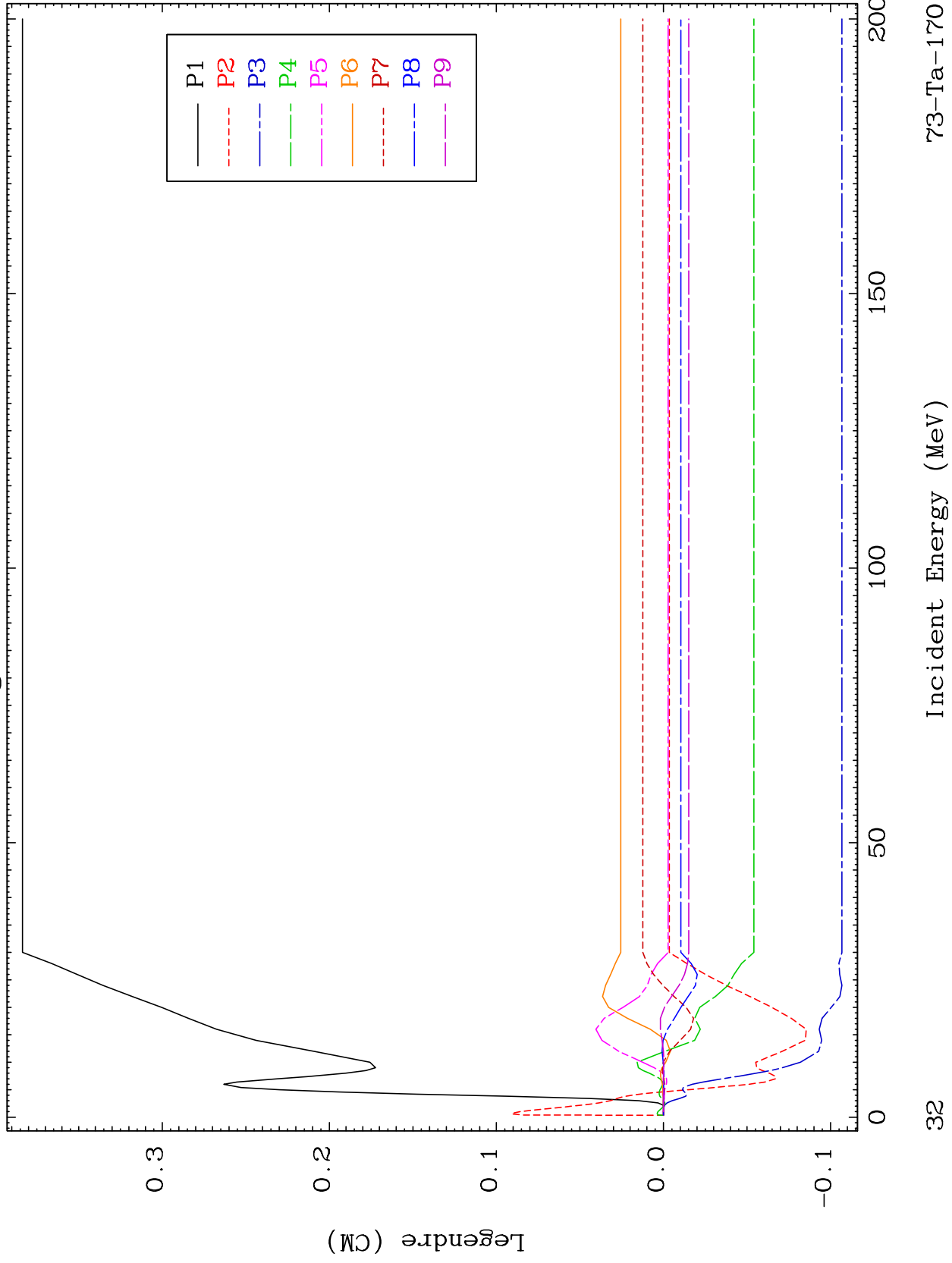




MAT 7295

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

73-Ta-170



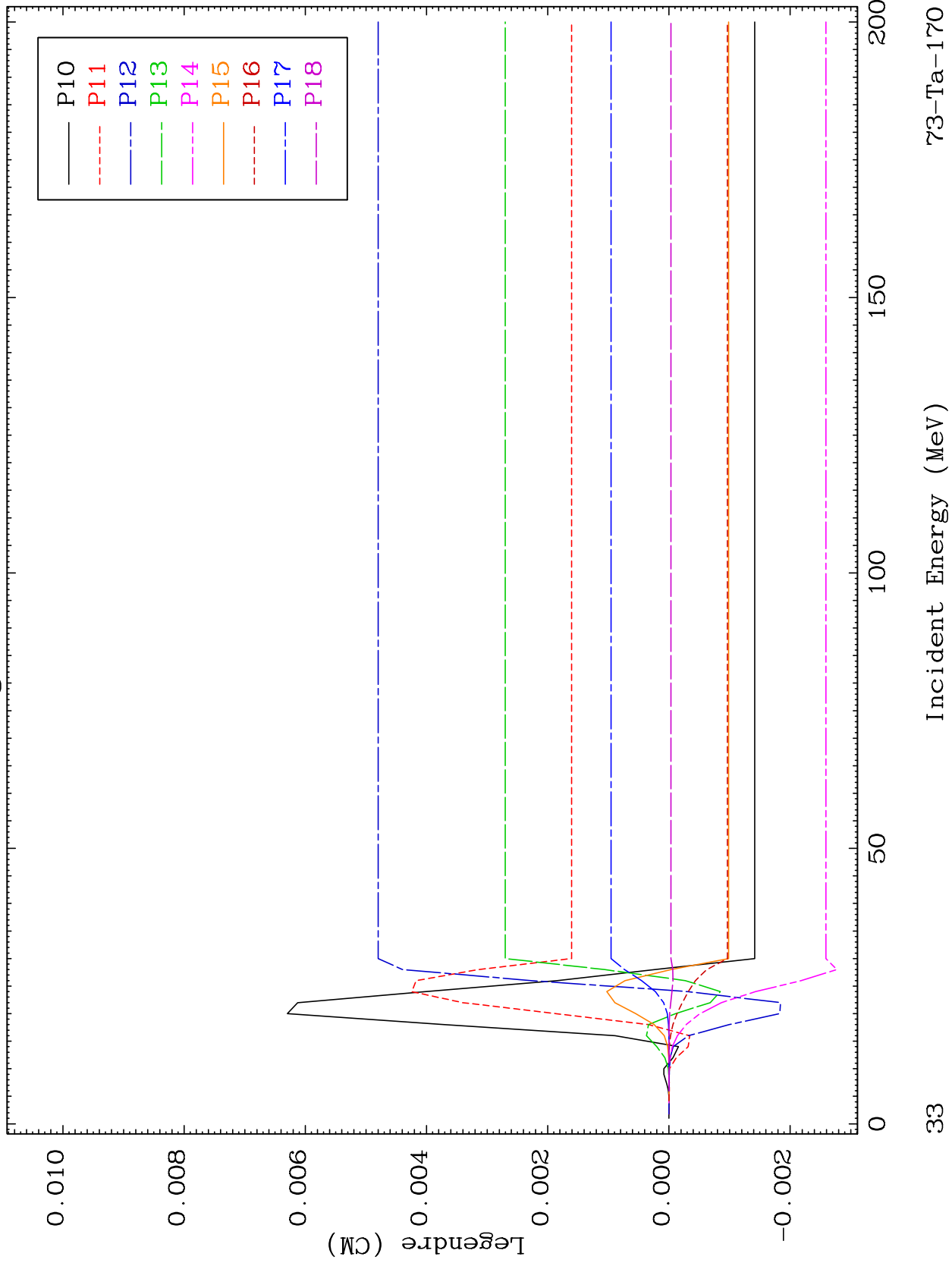
32

73-Ta-170

MAT 7295

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

73-Ta-170



33

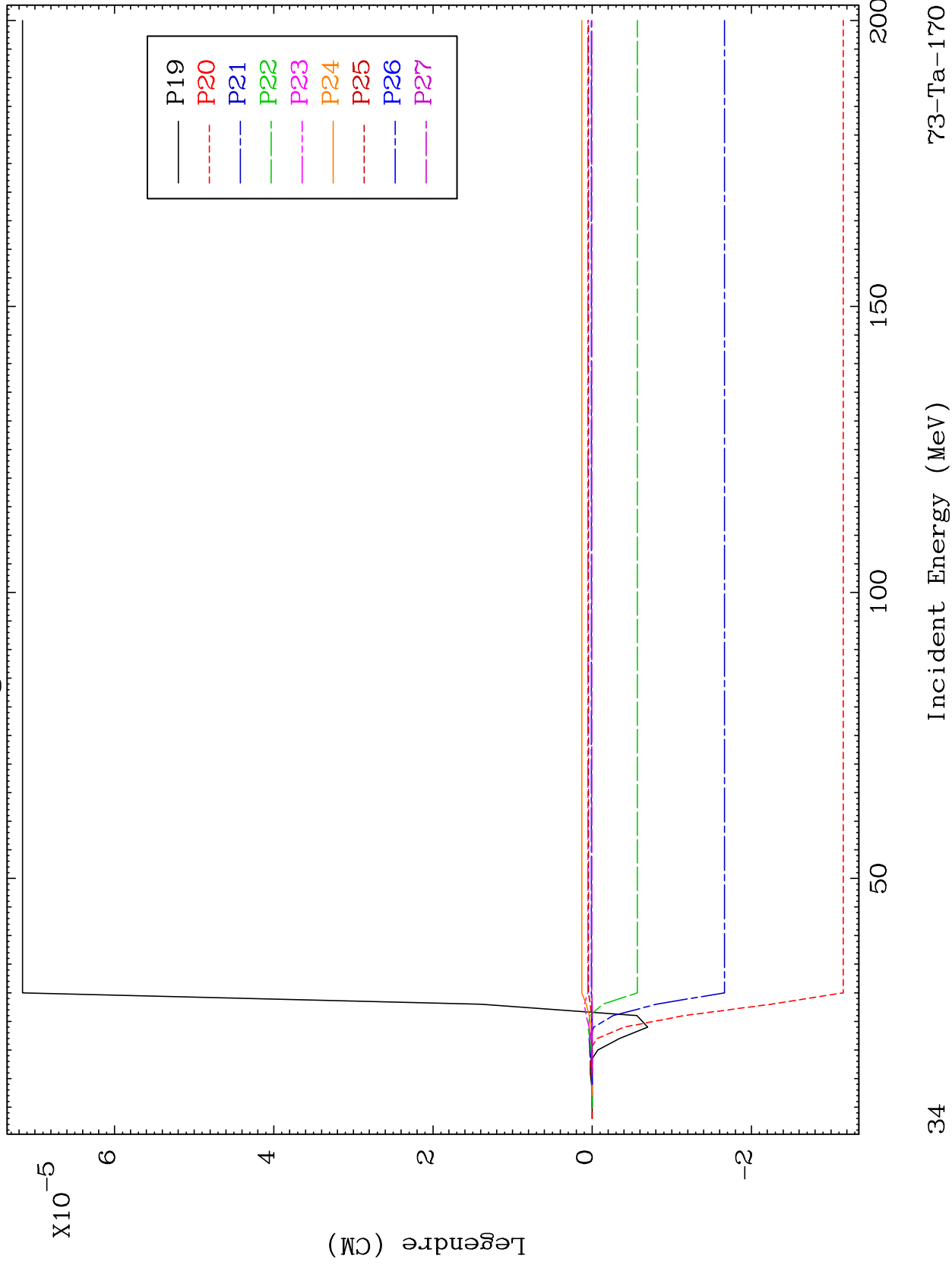
Incident Energy (MeV)

73-Ta-170

MAT 7295

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

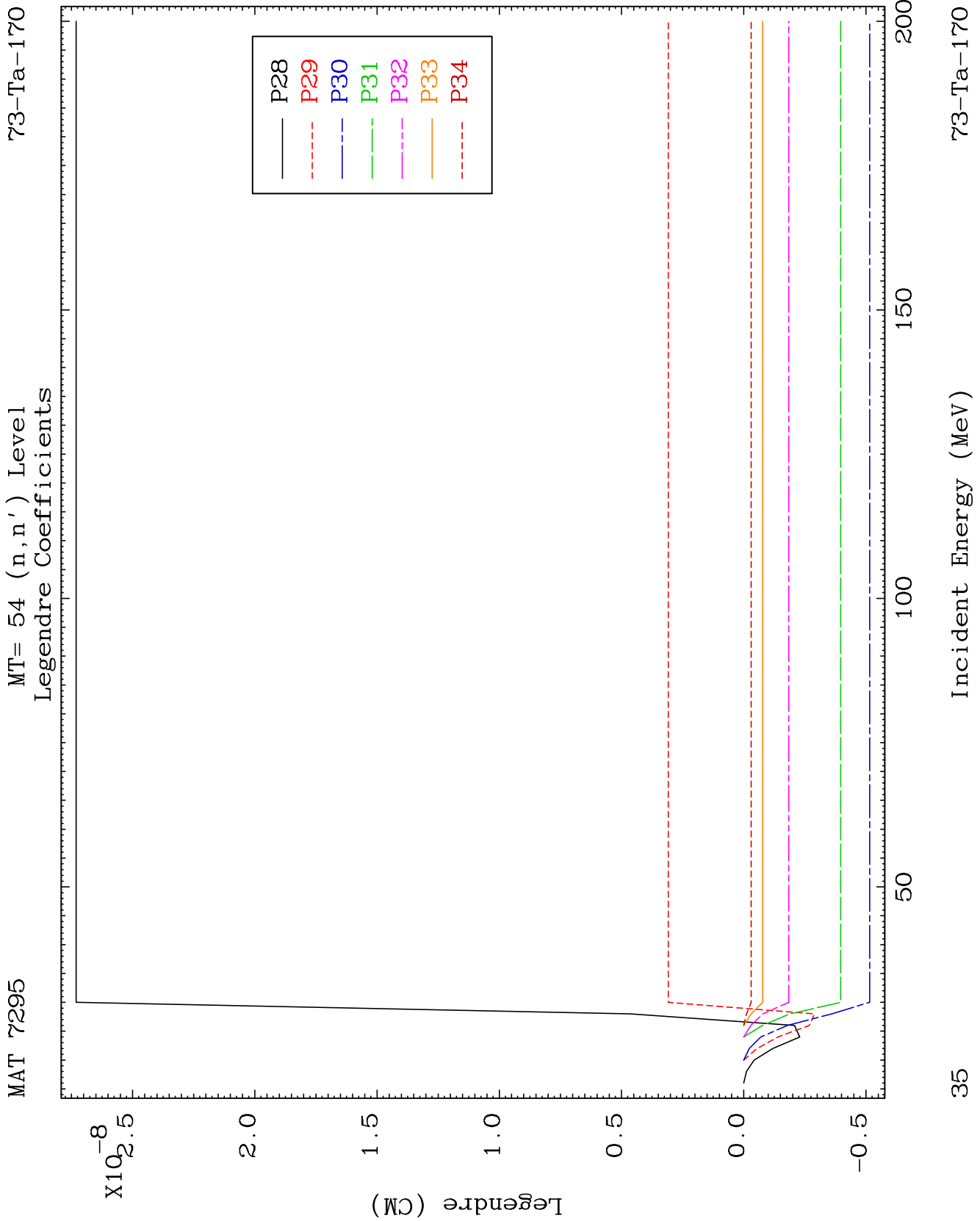
73-Ta-170

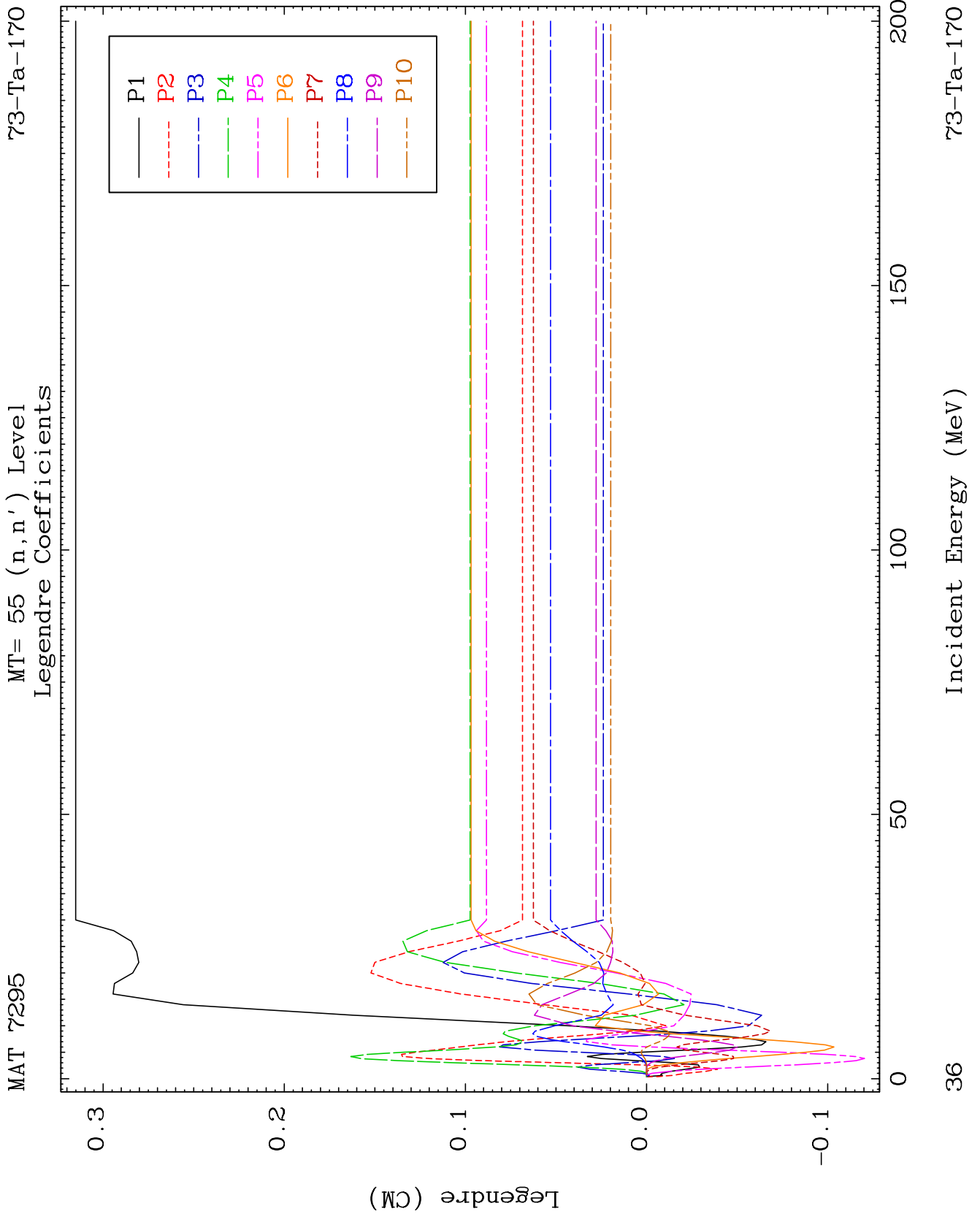


34

Incident Energy (MeV)

73-Ta-170

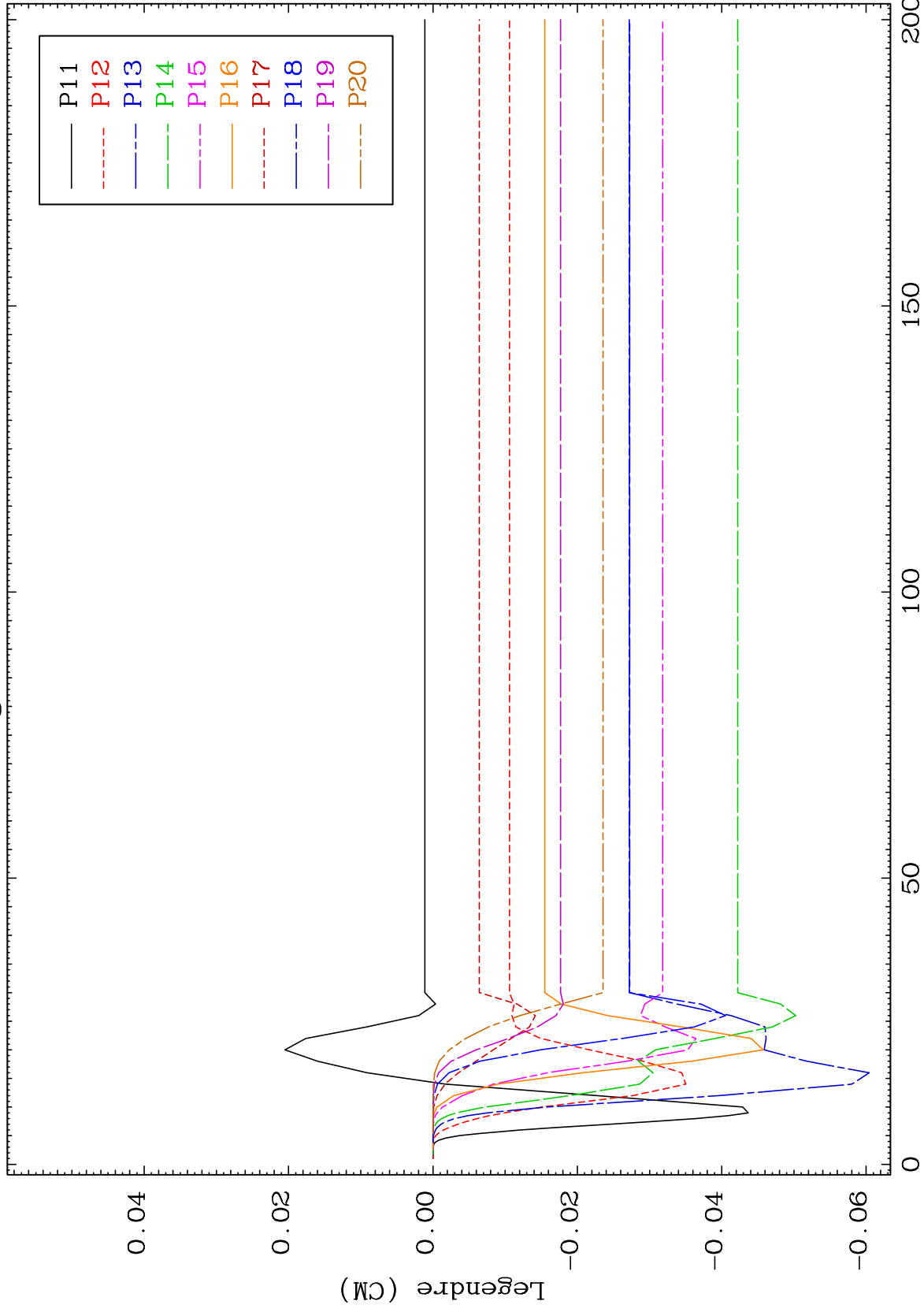




MAT 7295

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

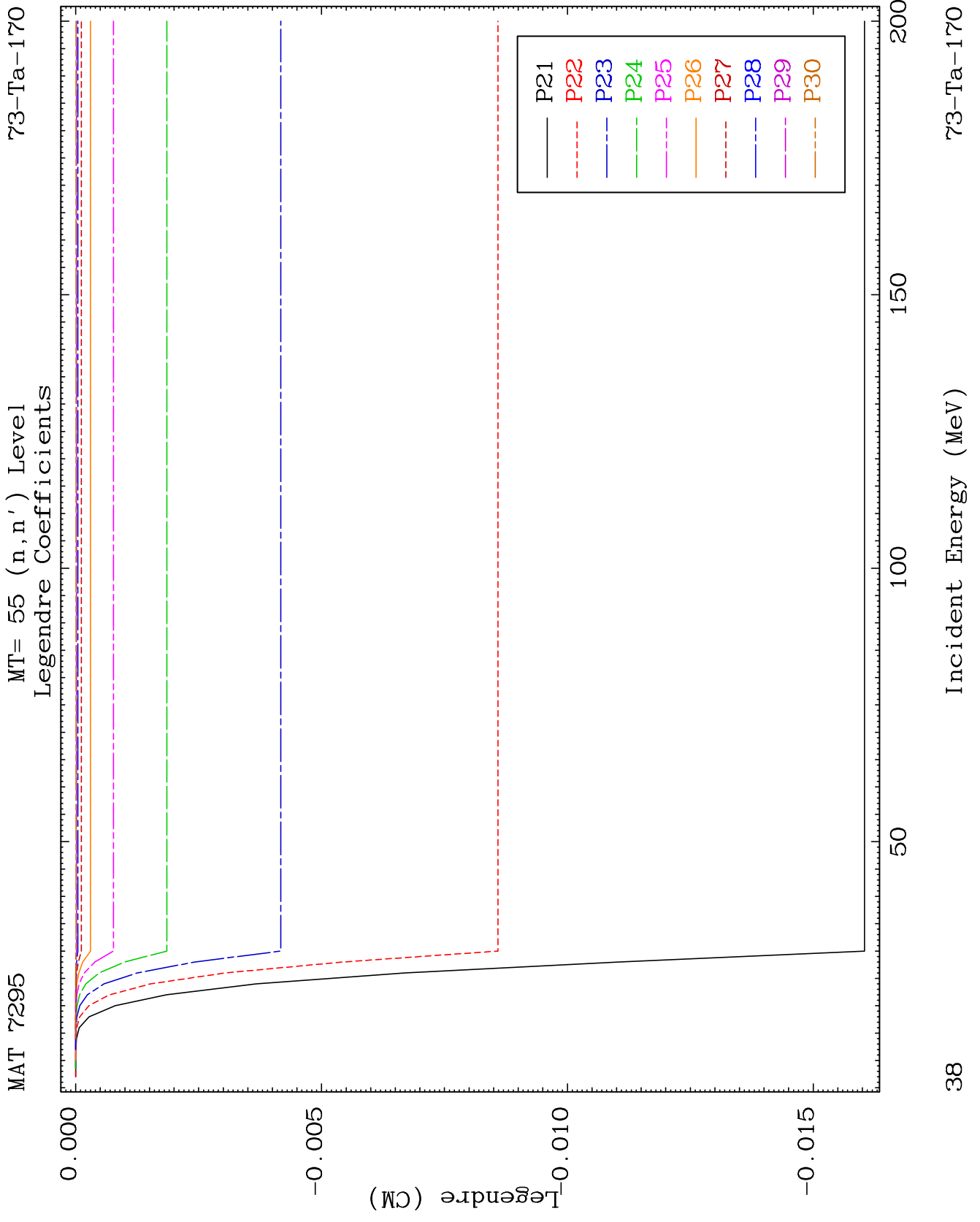
73-Ta-170

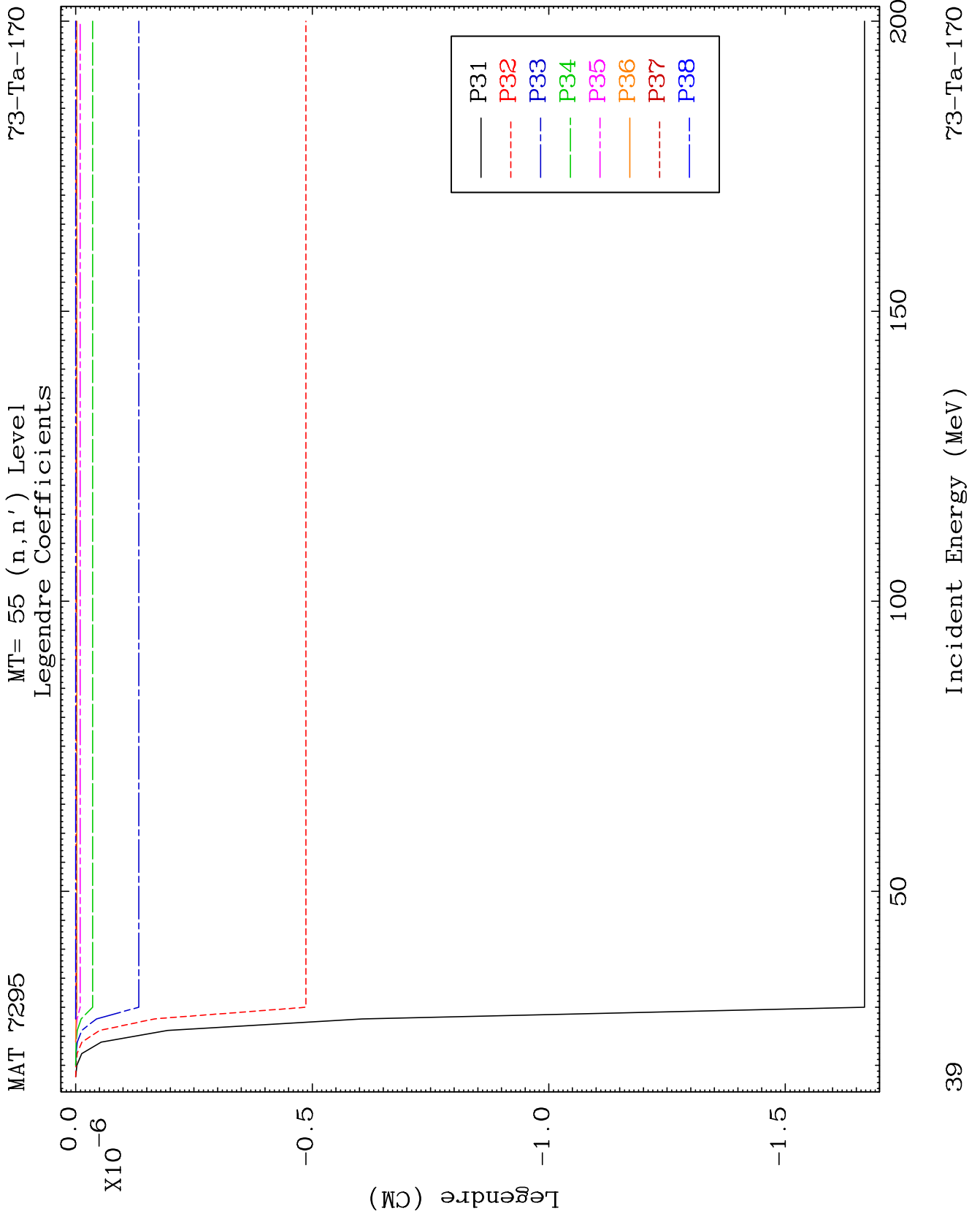


37

Incident Energy (MeV)

73-Ta-170

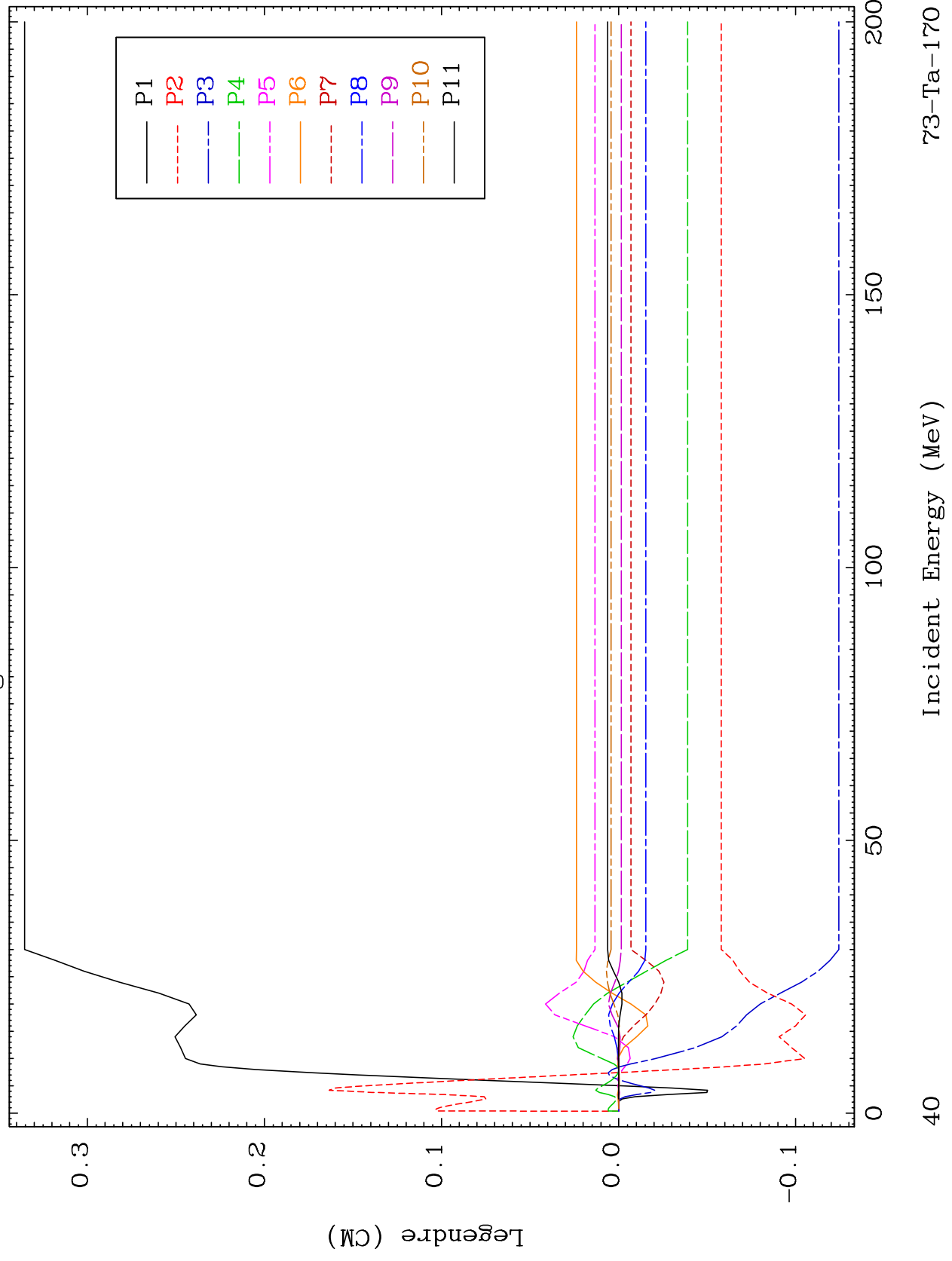




MAT 7295

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

73-Ta-170



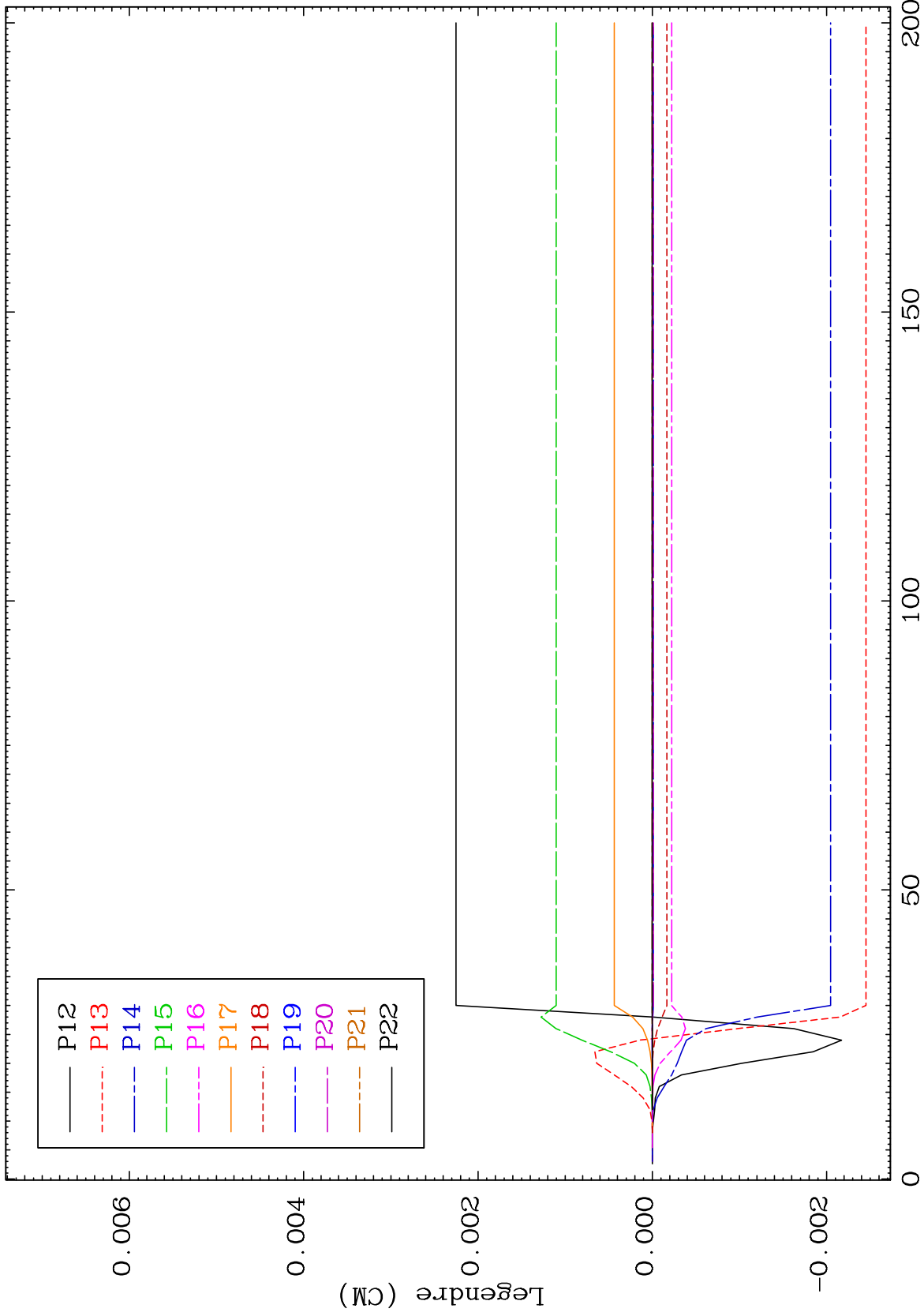
73-Ta-170

Incident Energy (MeV)

MAT 7295

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

73-Ta-170



41

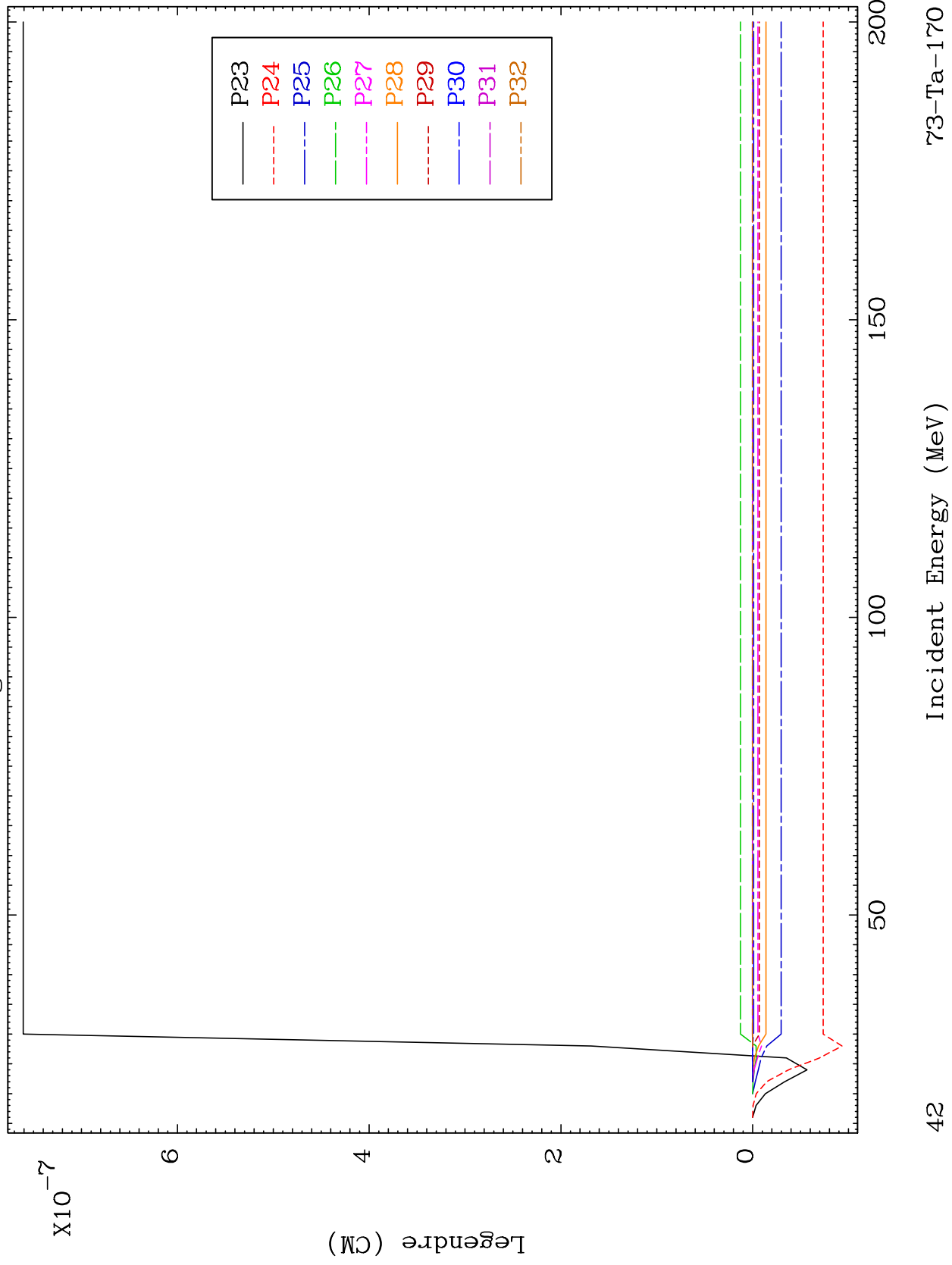
Incident Energy (MeV)

73-Ta-170

MAT 7295

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

73-Ta-170



42

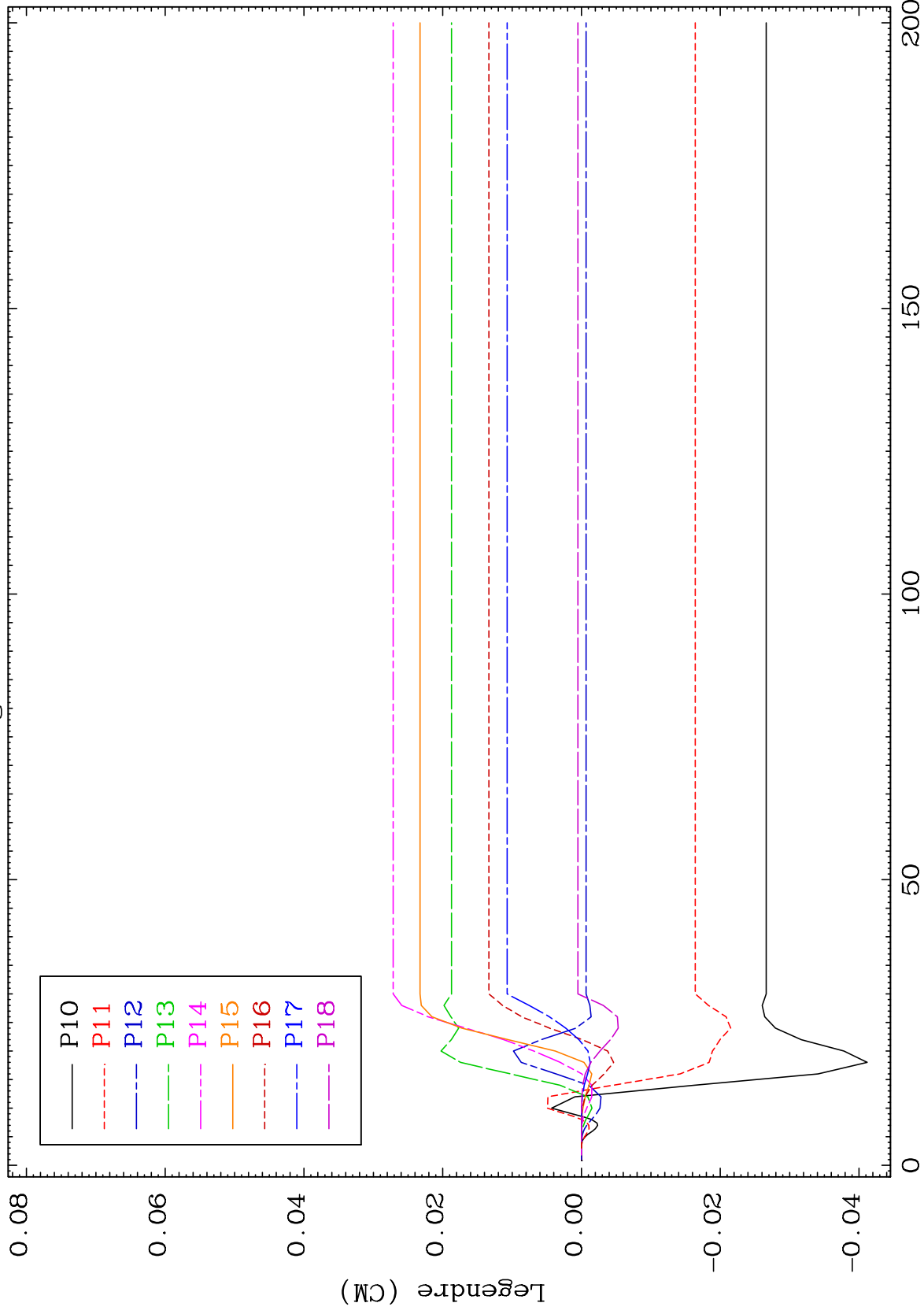
Incident Energy (MeV)

73-Ta-170

MAT 7295

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

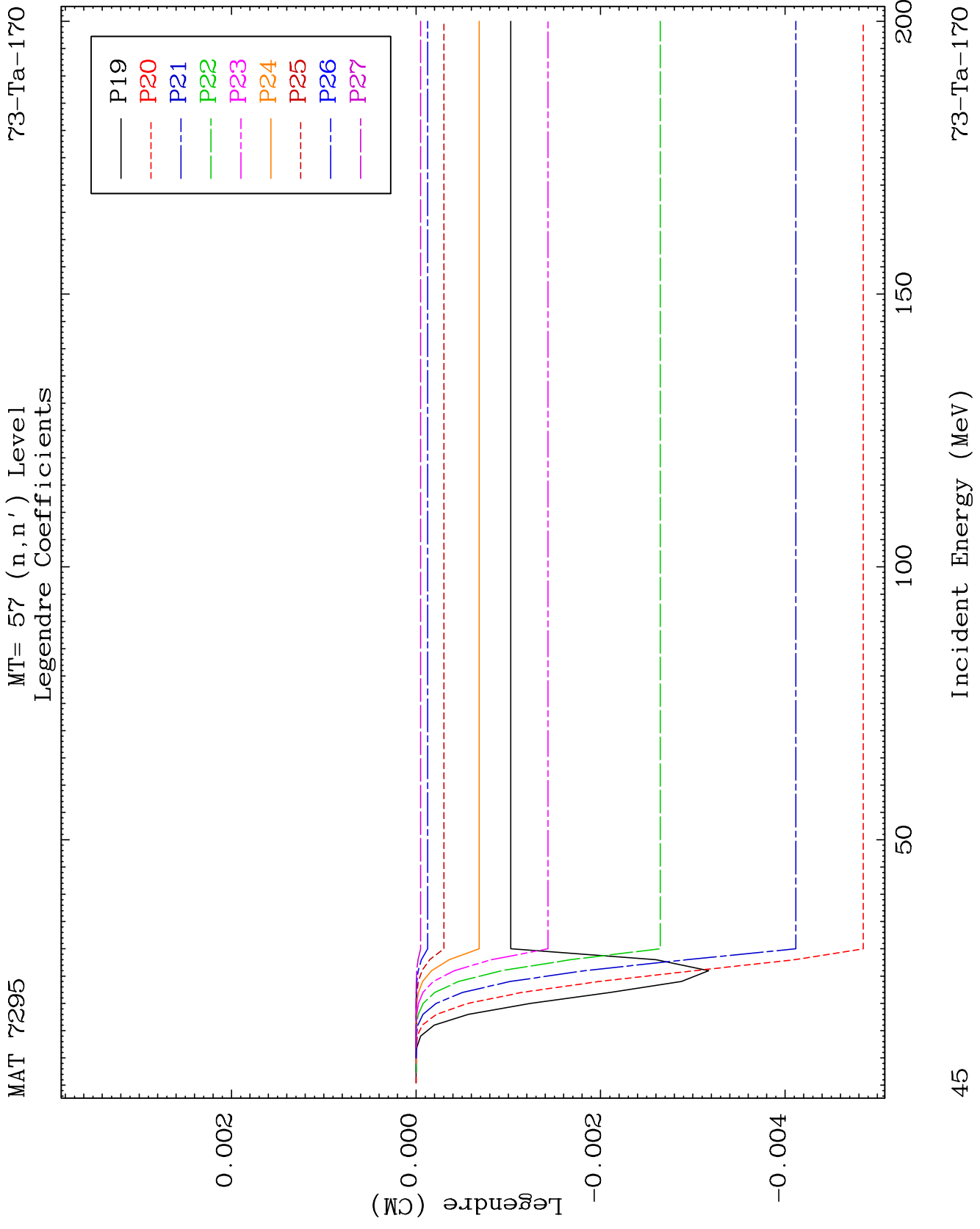
73-Ta-170

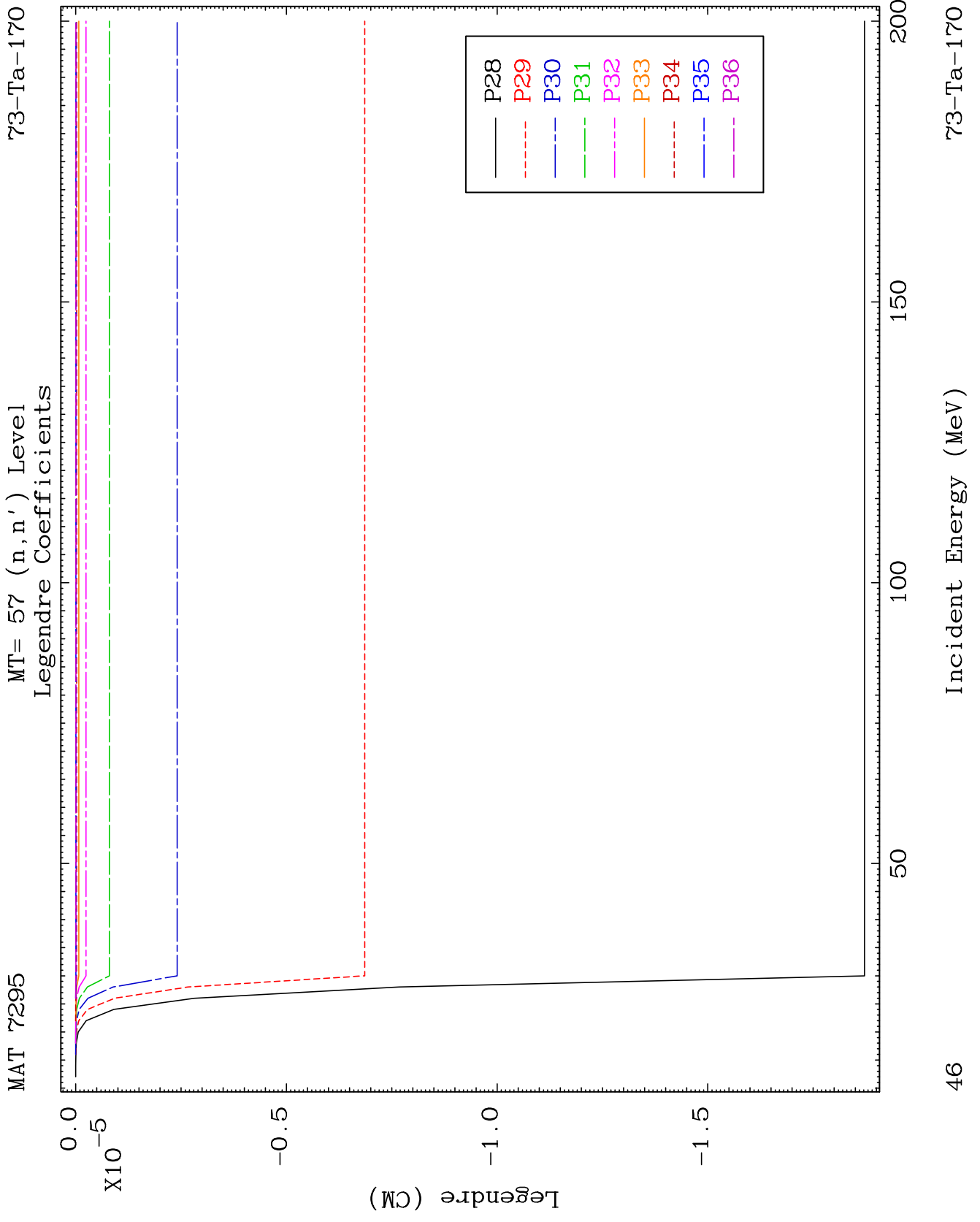


44

Incident Energy (MeV)

73-Ta-170

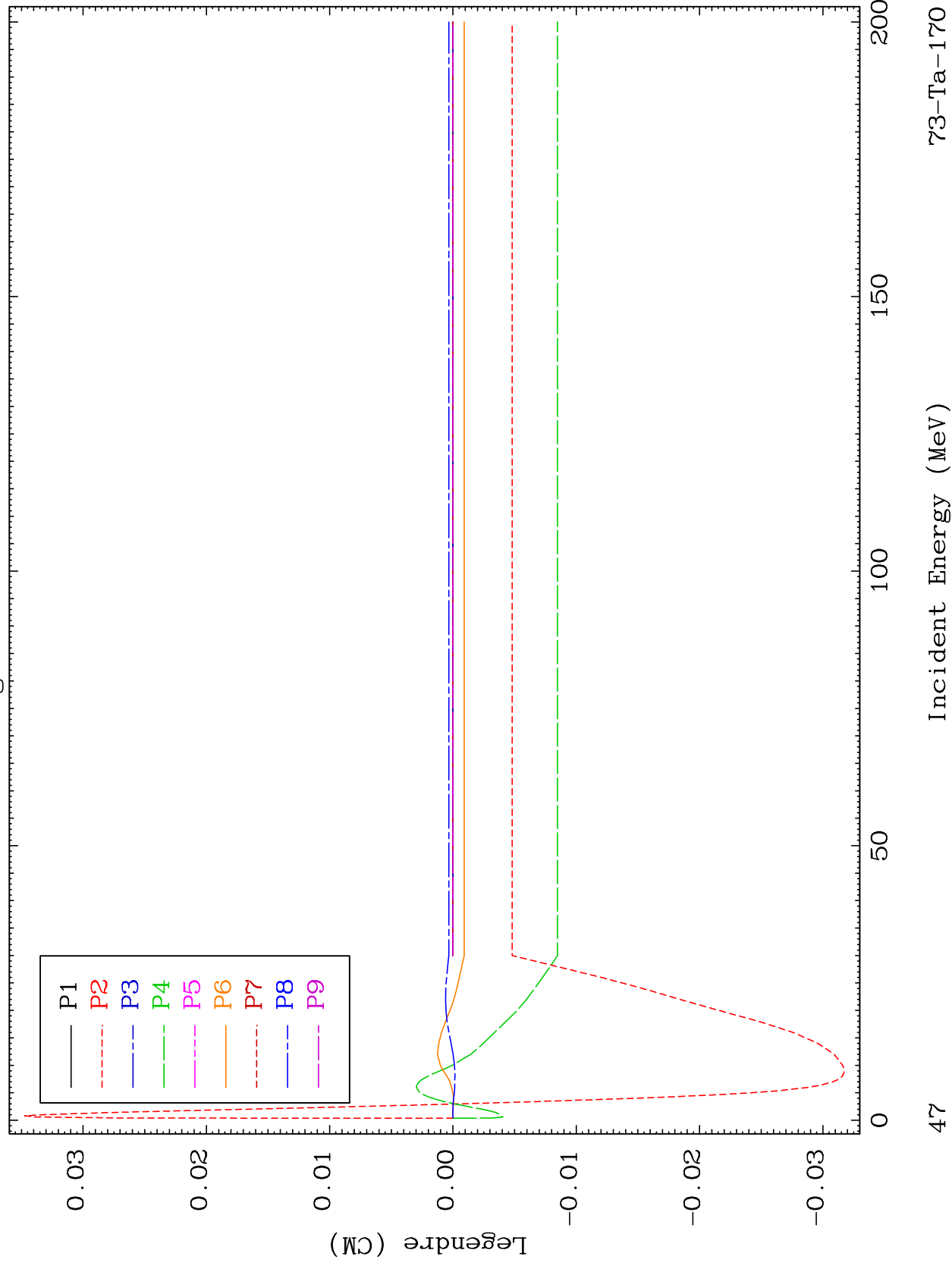




MAT 7295

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

73-Ta-170



47

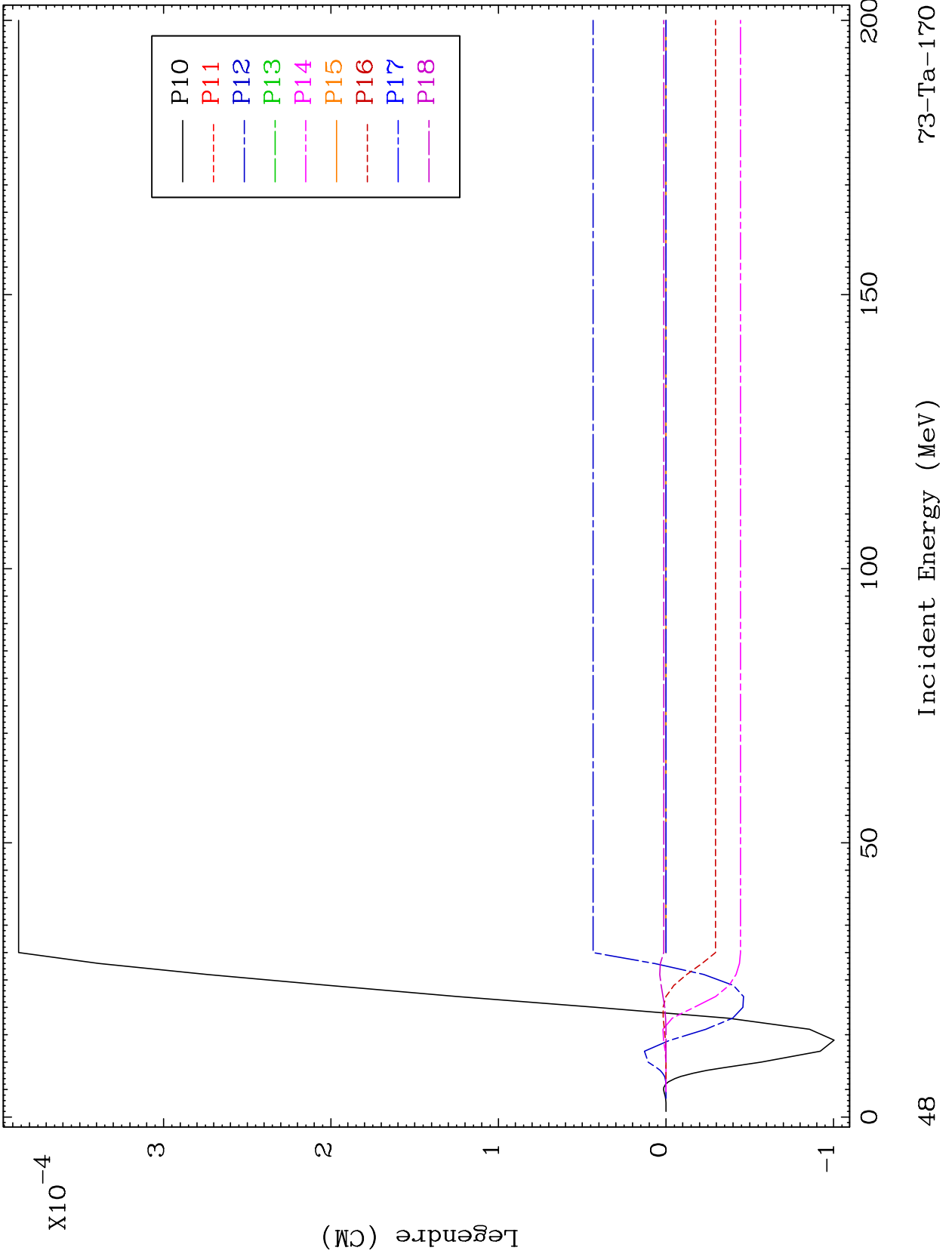
Incident Energy (MeV)

73-Ta-170

MAT 7295

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

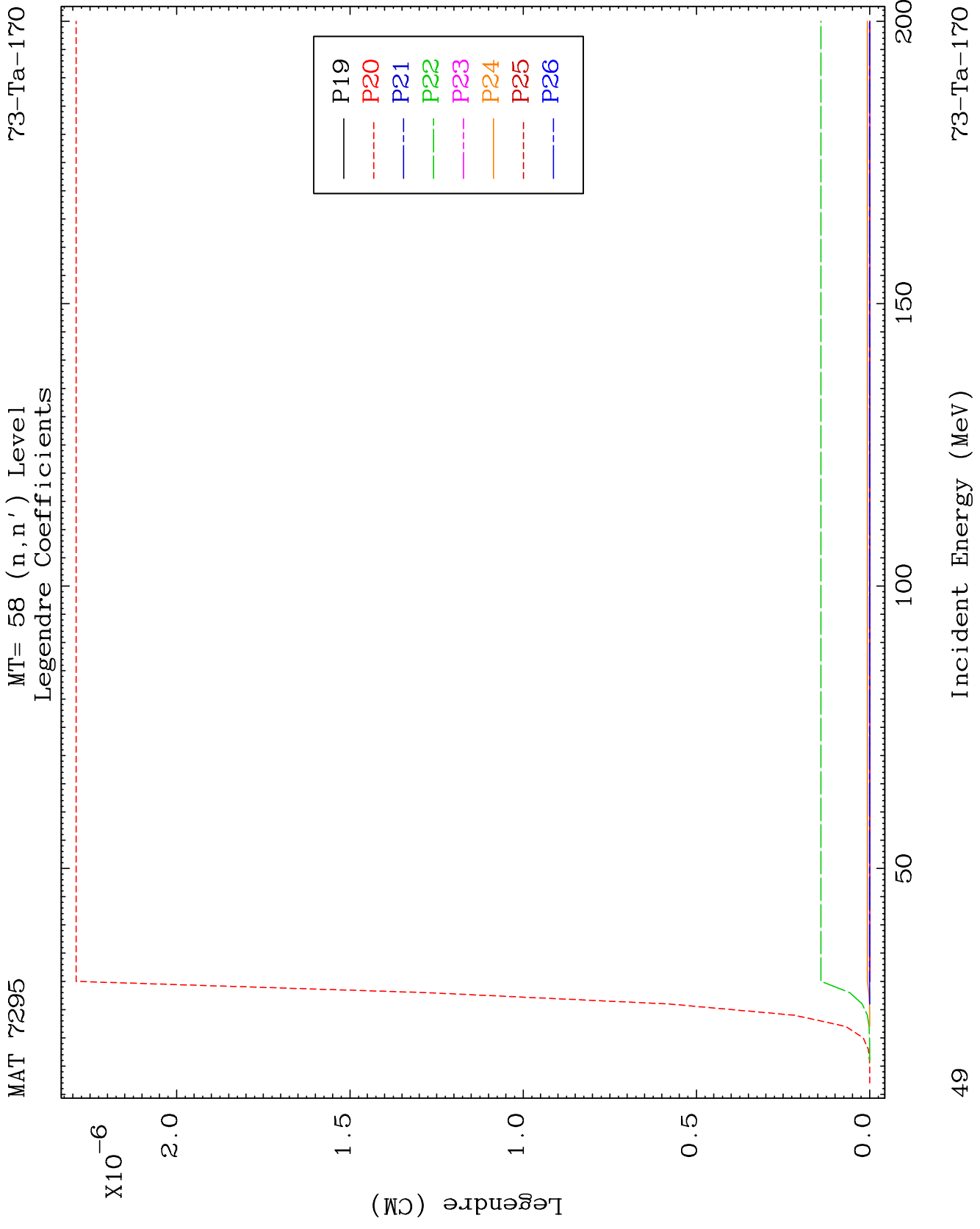
73-Ta-170

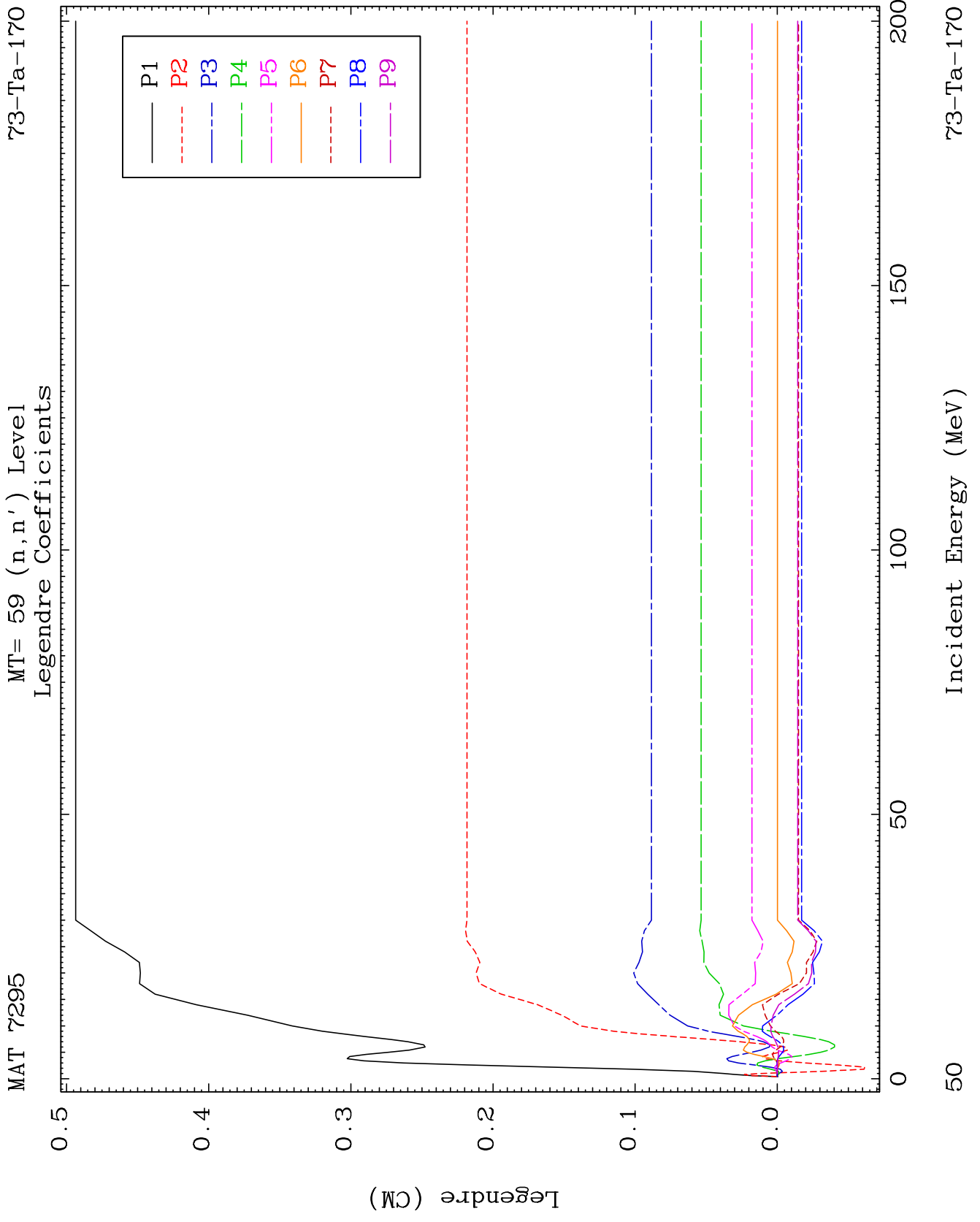


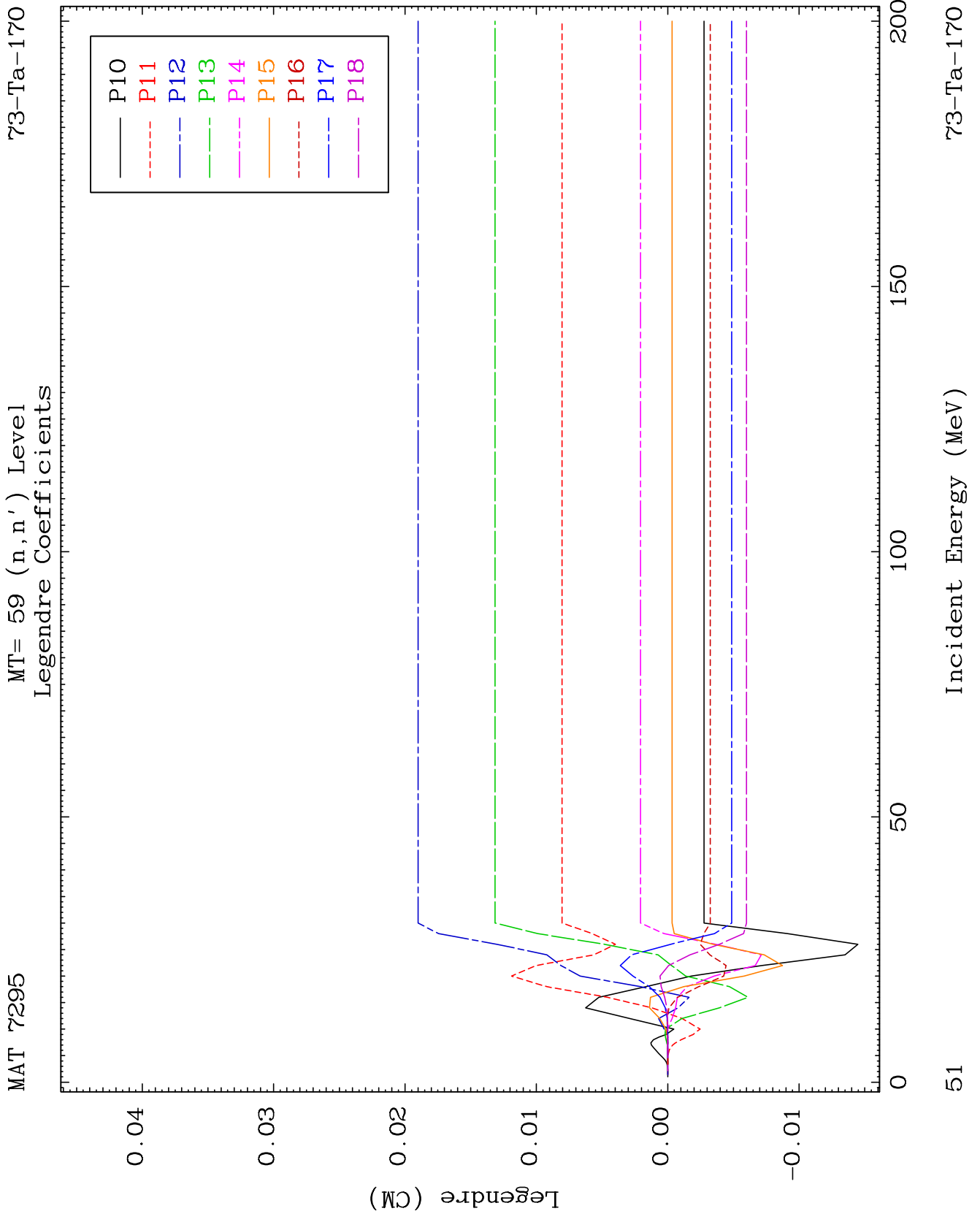
73-Ta-170

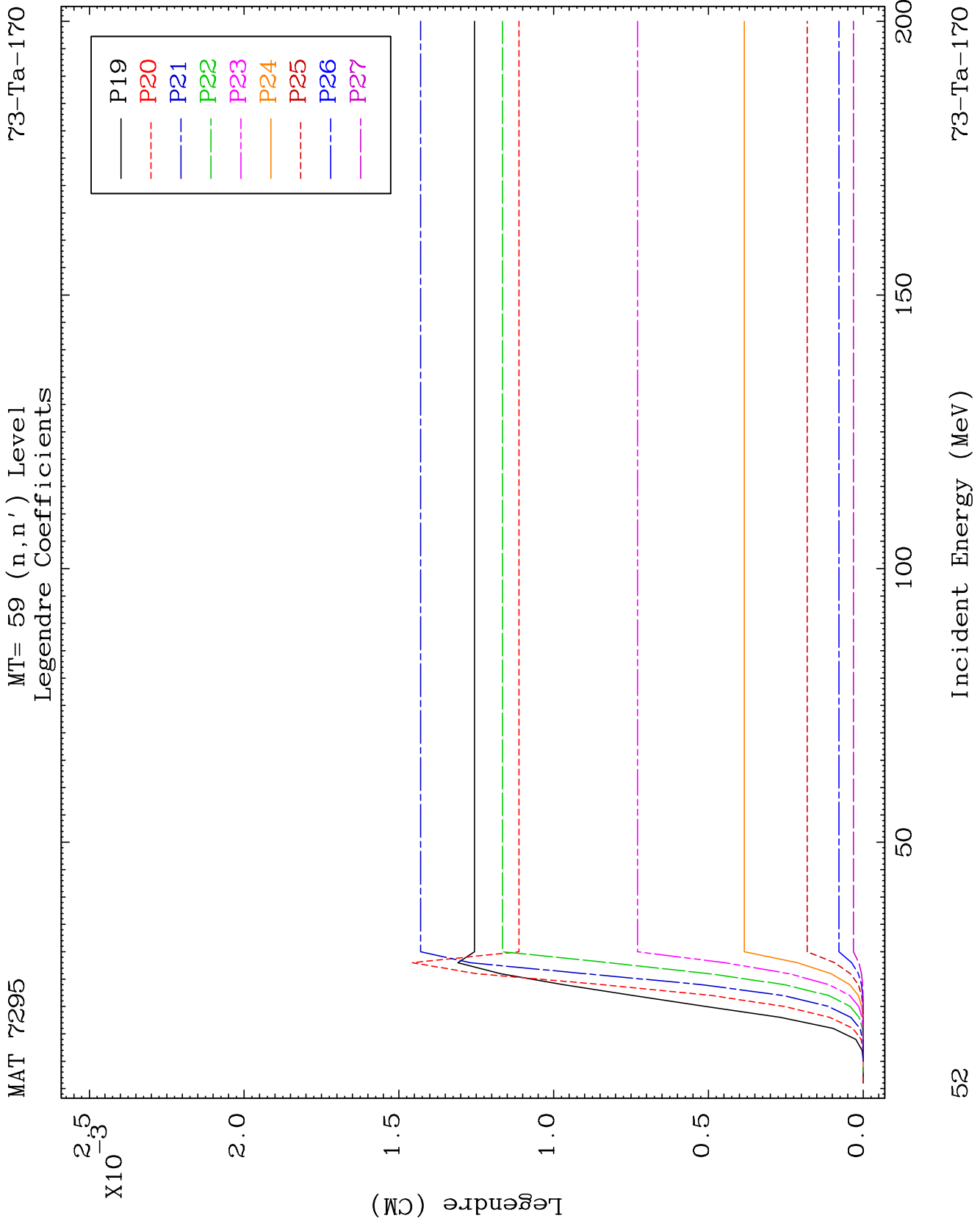
Incident Energy (MeV)

48





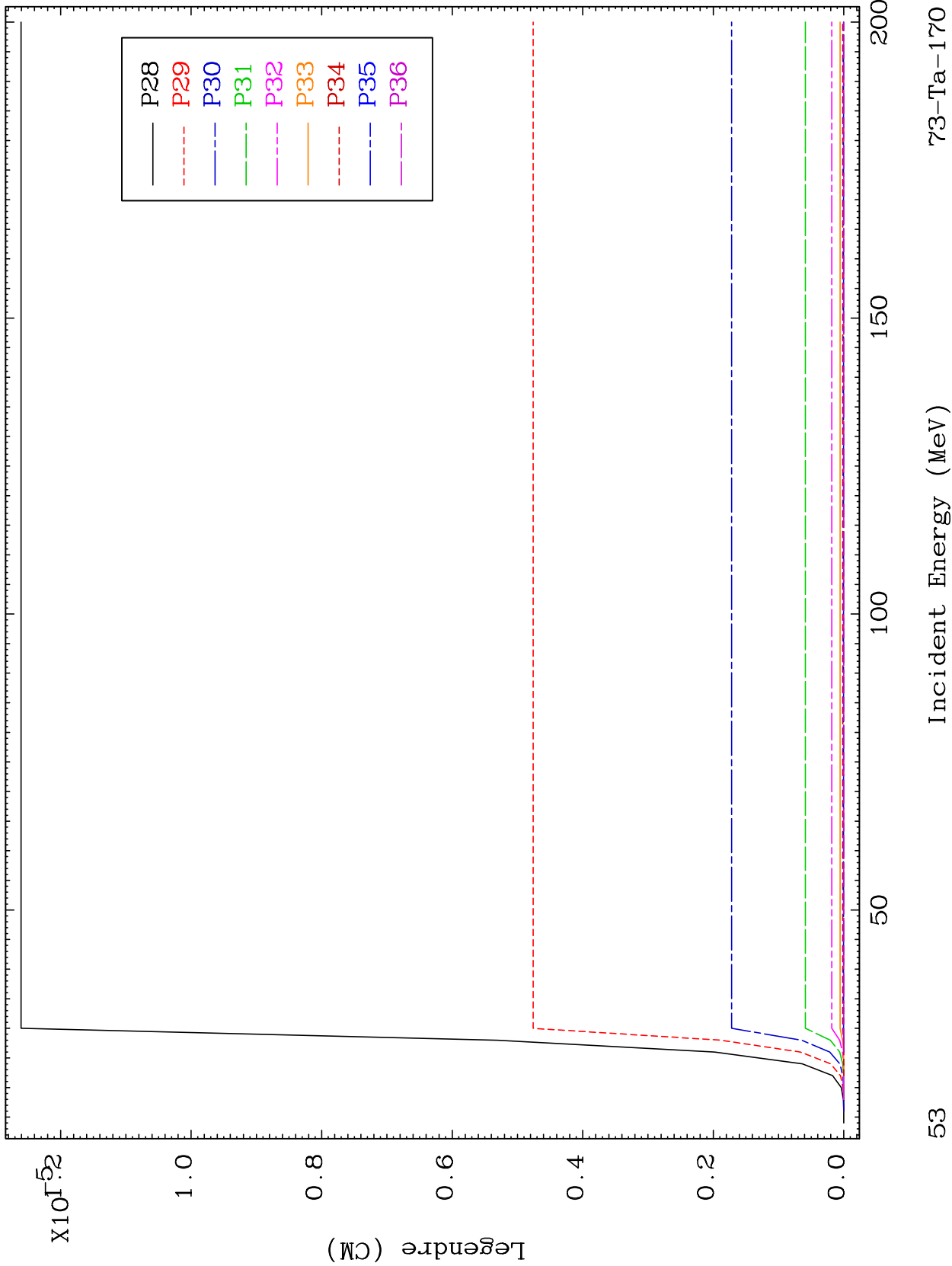




MAT 7295

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

73-Ta-170



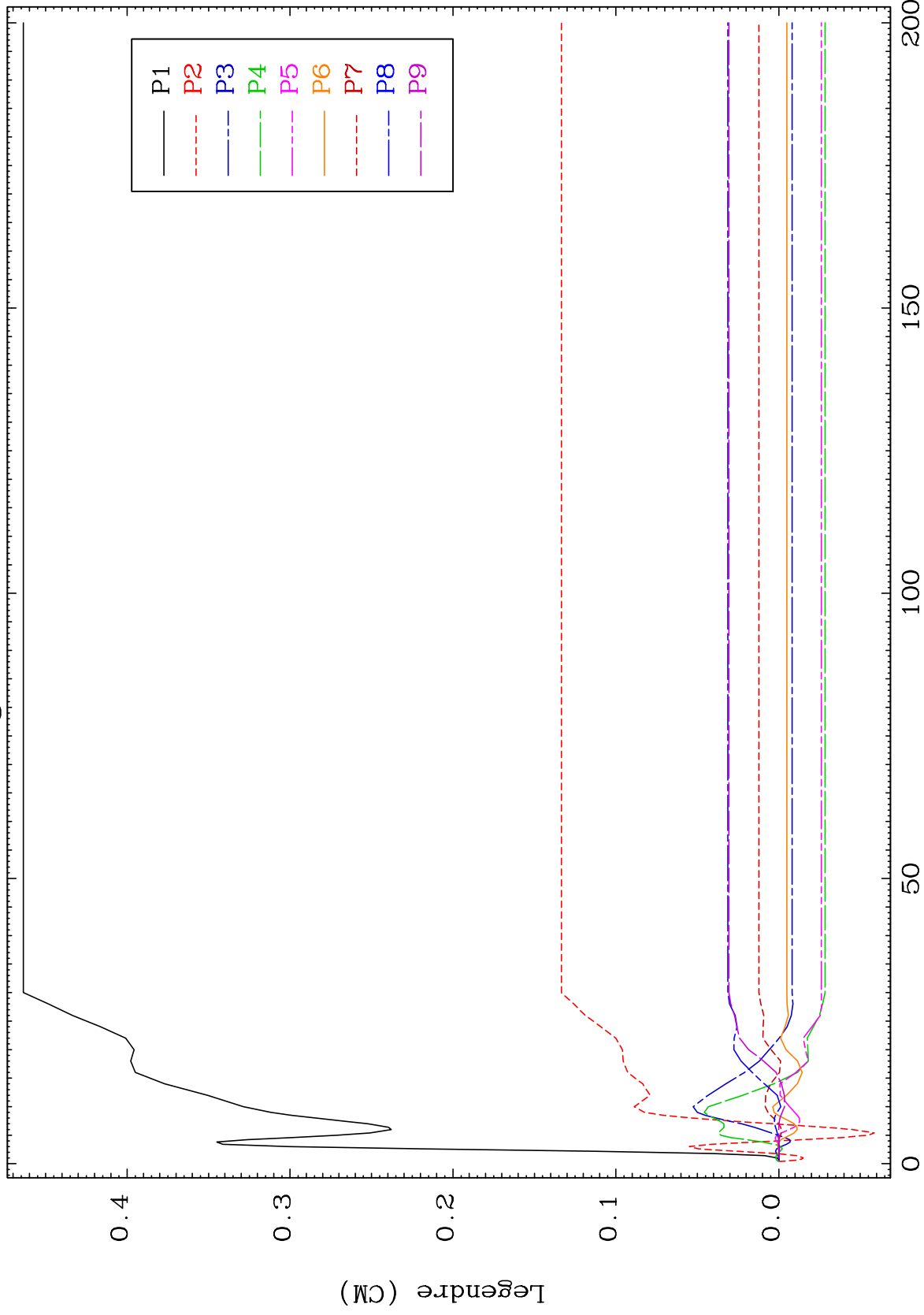
53

73-Ta-170

MAT 7295

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

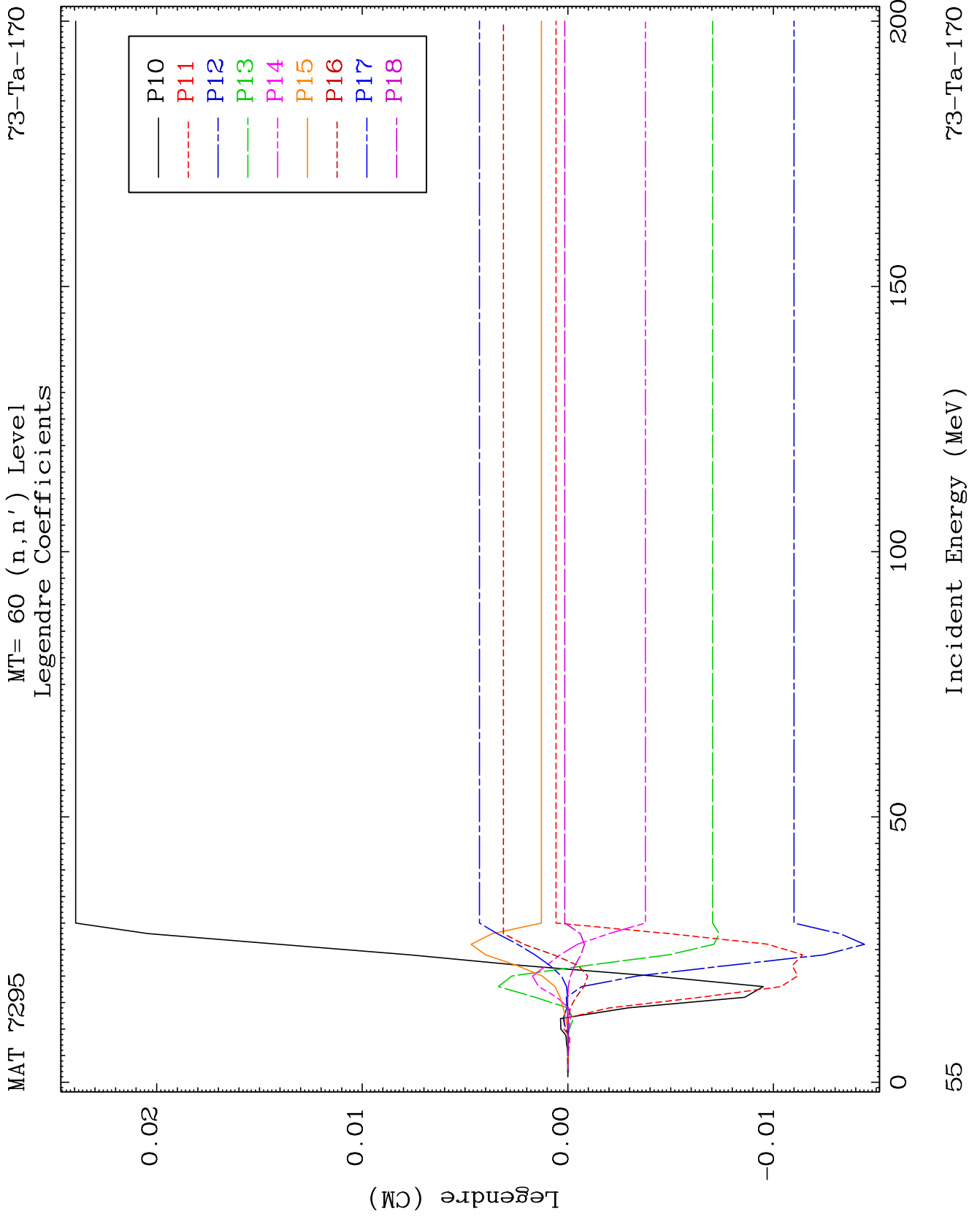
73-Ta-170



54

Incident Energy (MeV)

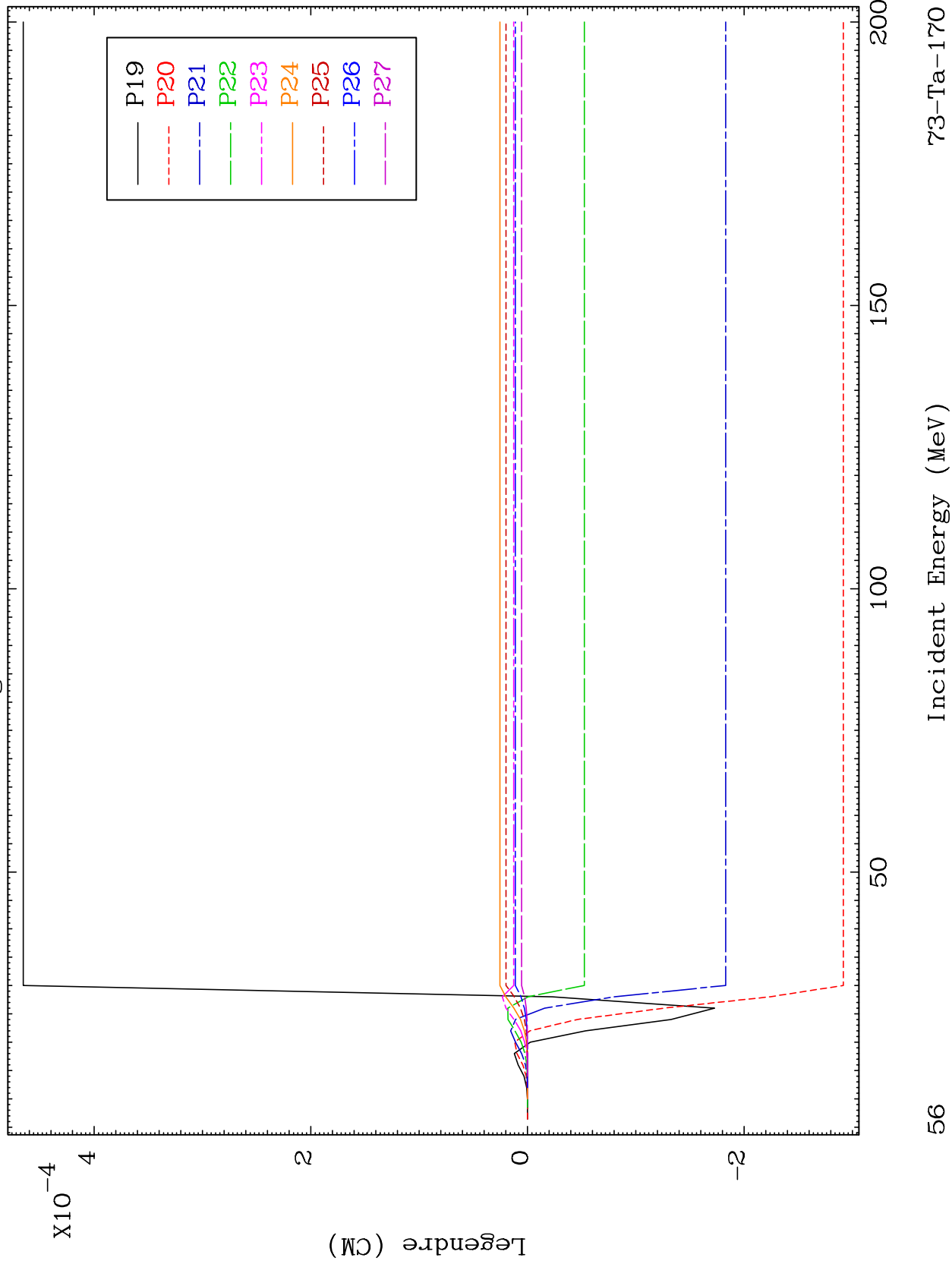
73-Ta-170



MAT 7295

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

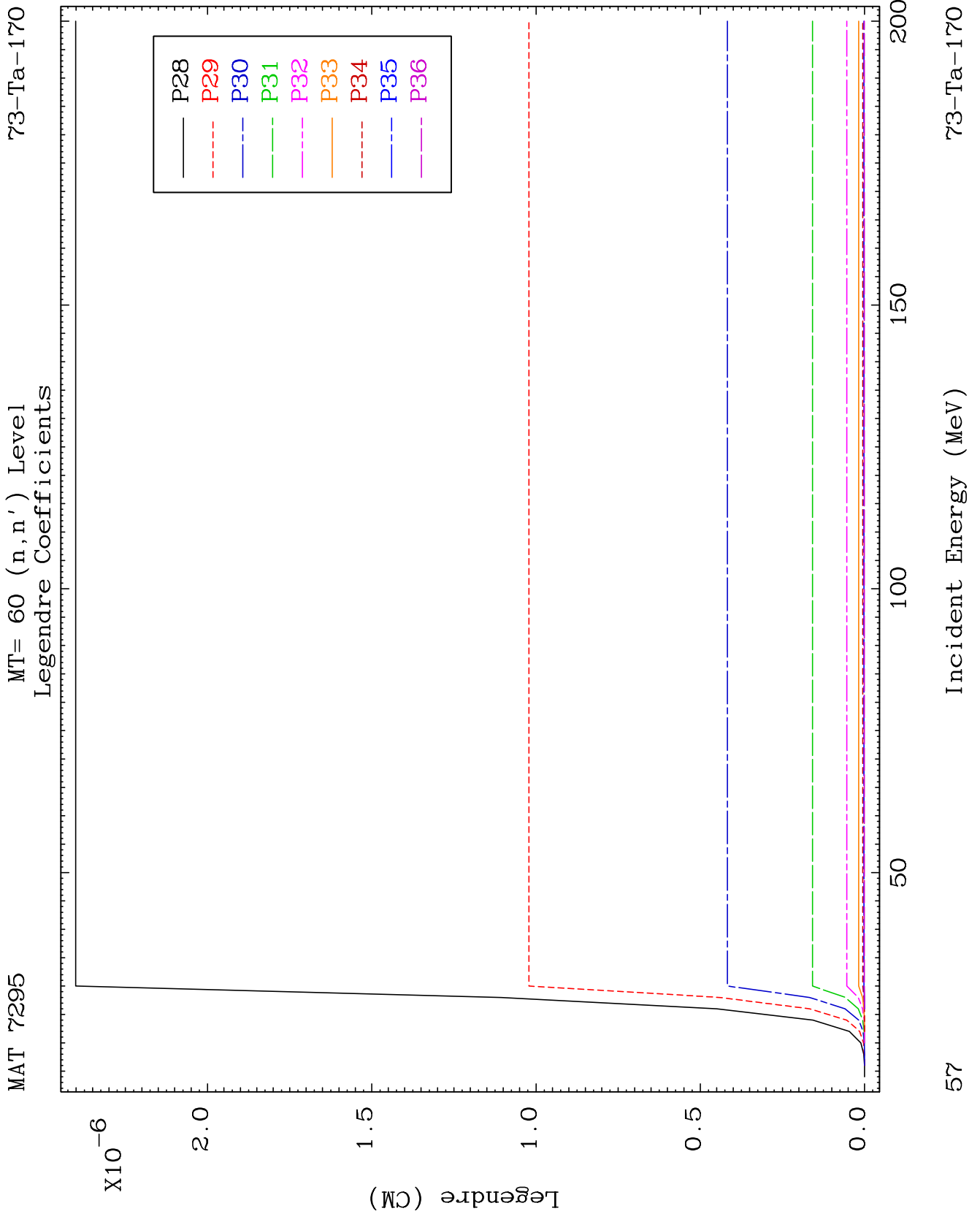
73-Ta-170

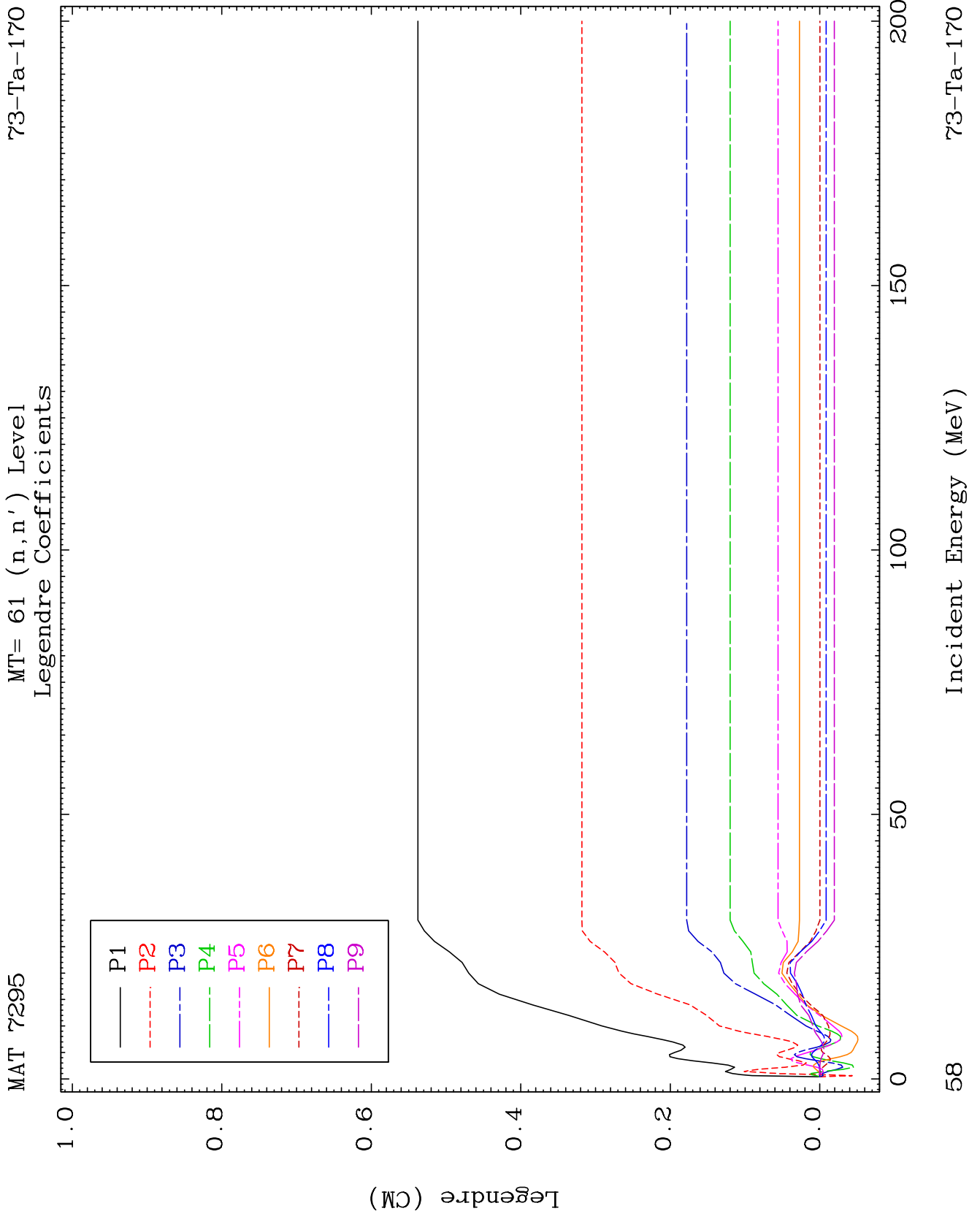


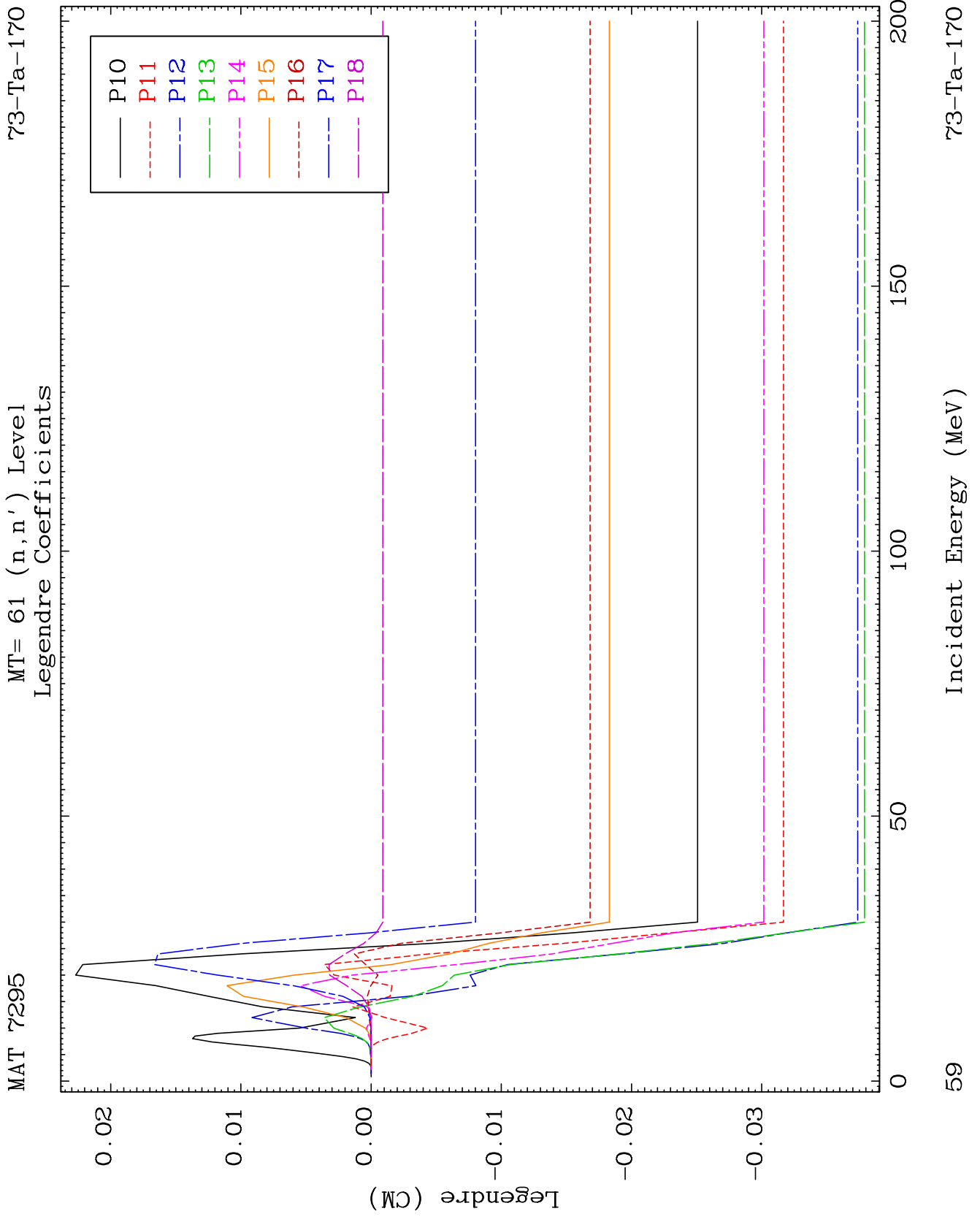
56

Incident Energy (MeV)

73-Ta-170



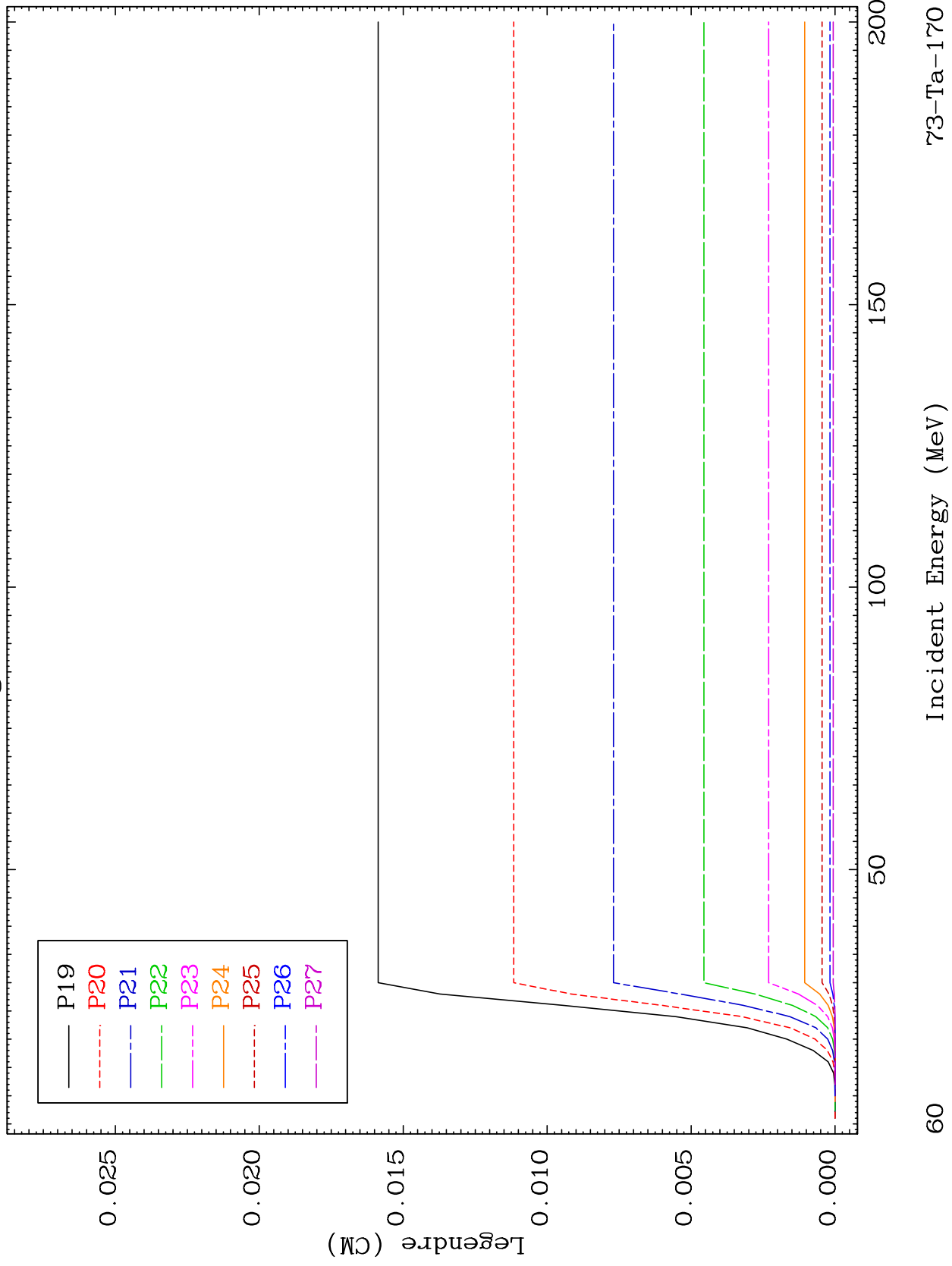




MAT 7295

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

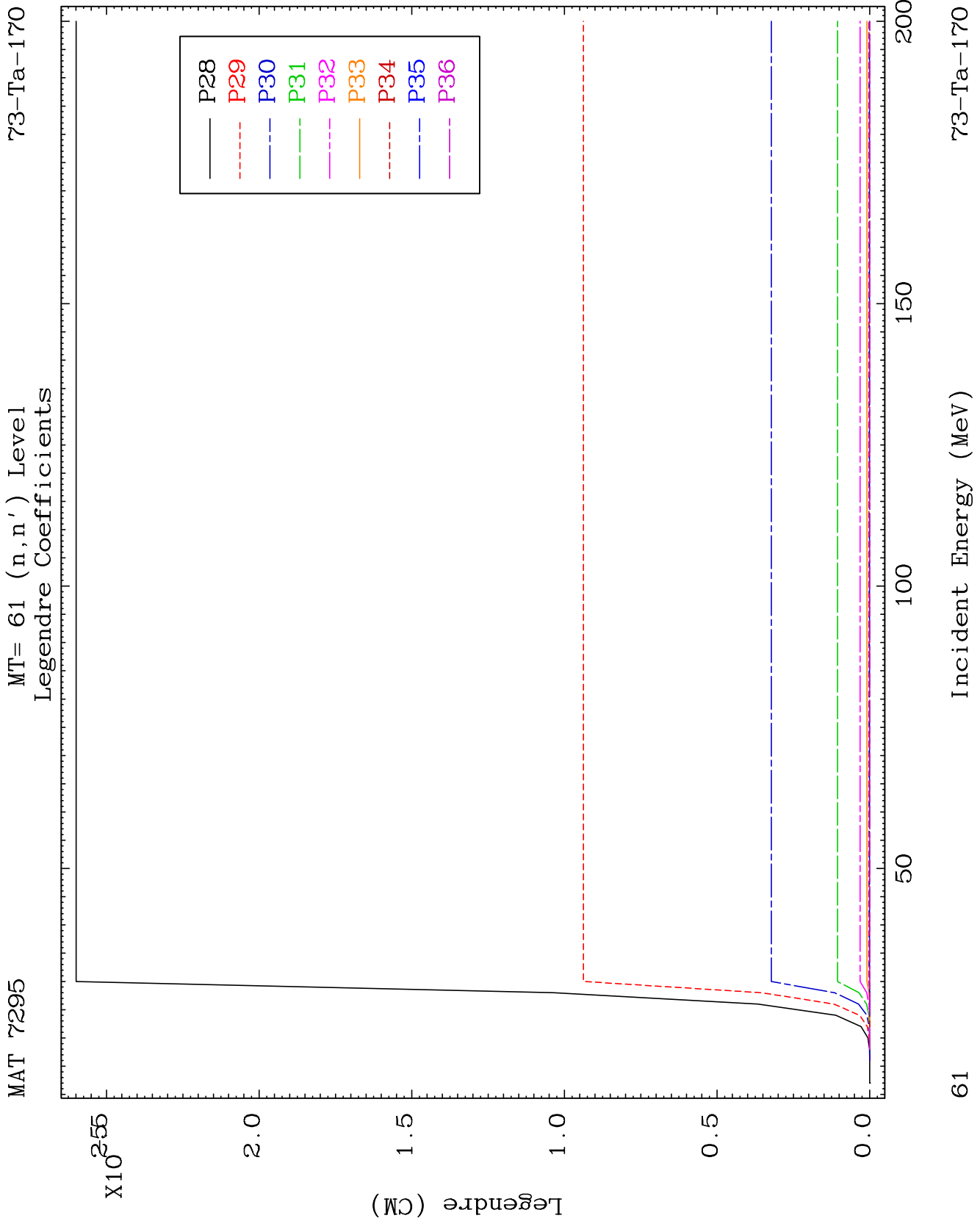
73-Ta-170



73-Ta-170

Incident Energy (MeV)

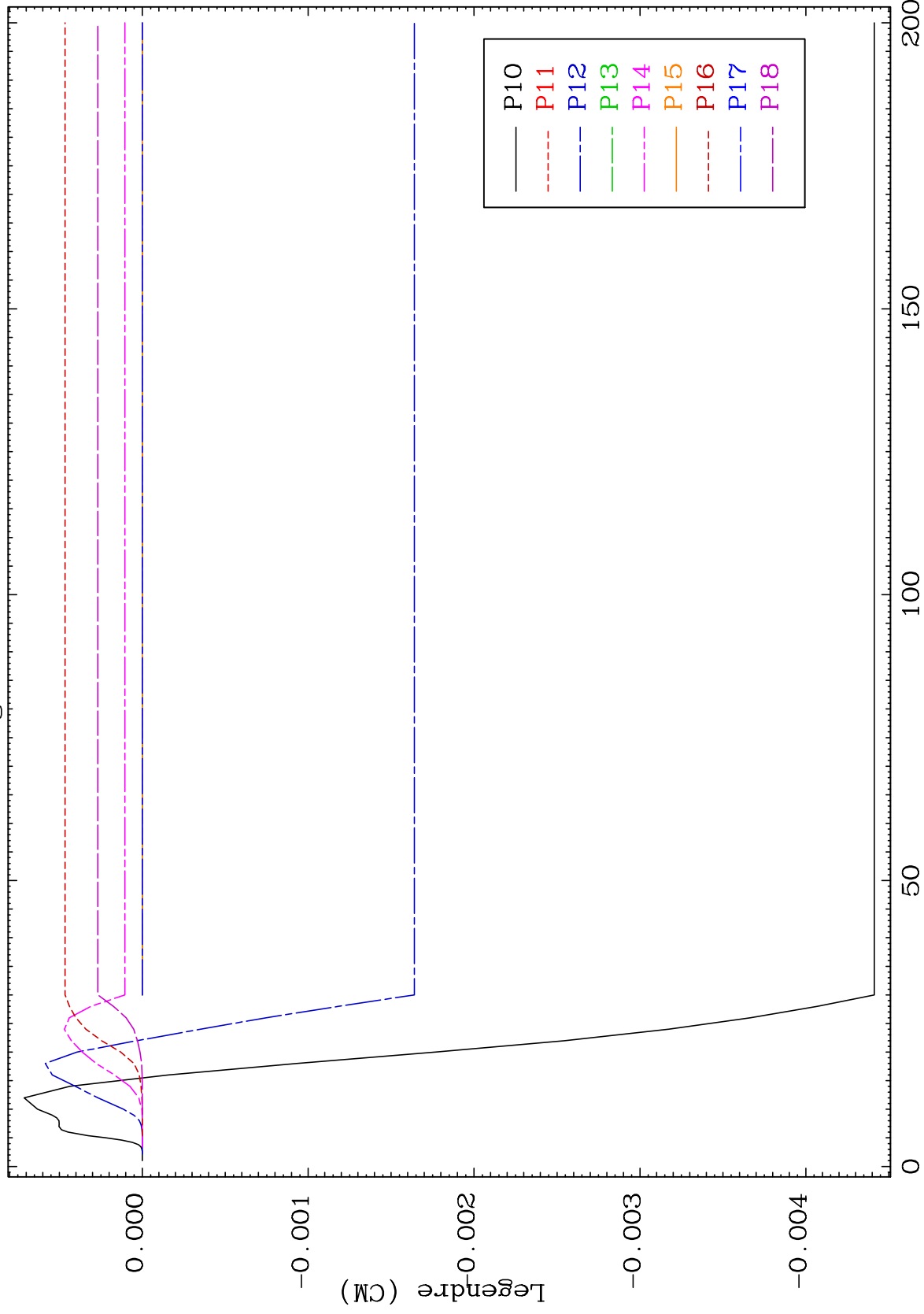
60



MAT 7295

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

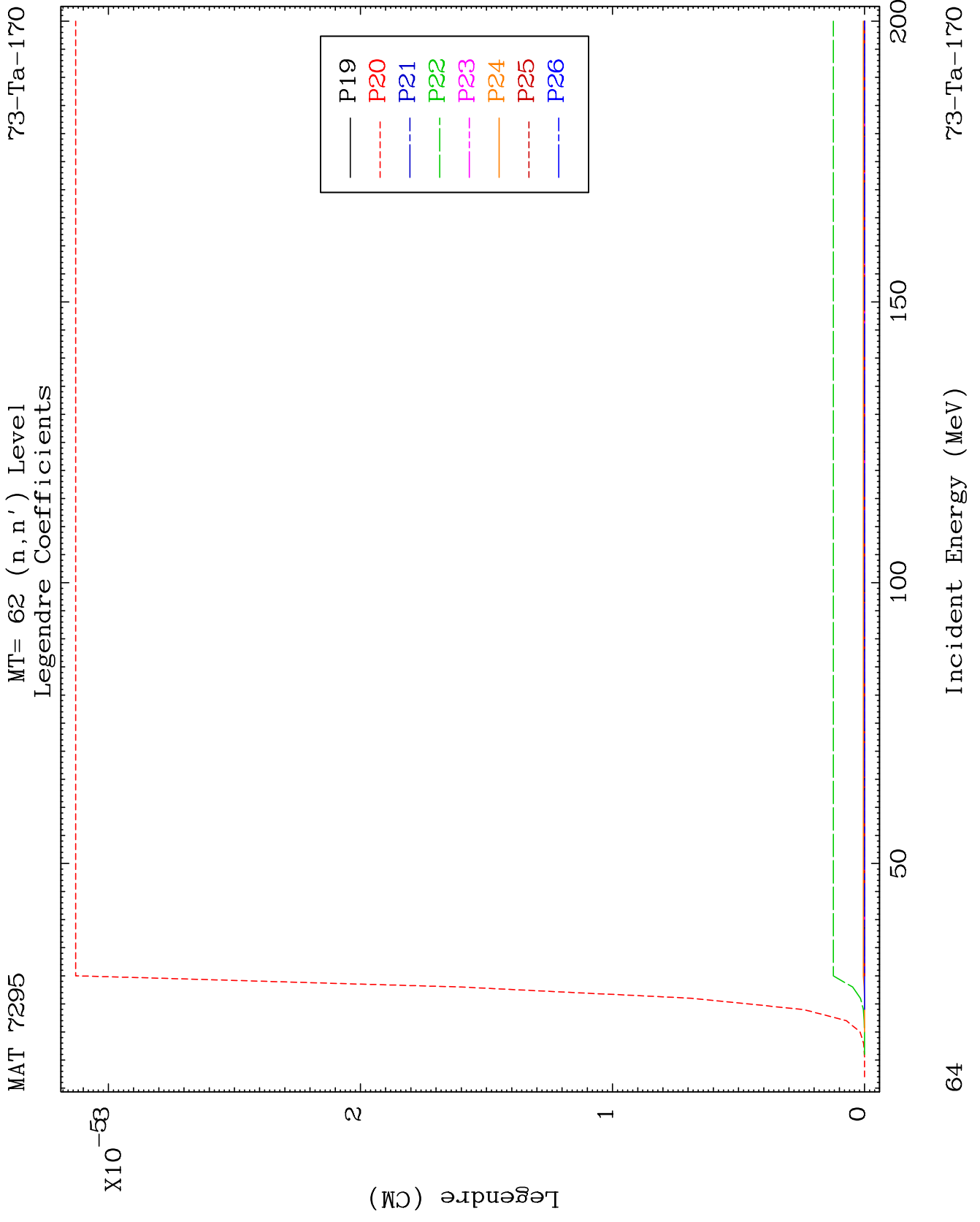
73-Ta-170

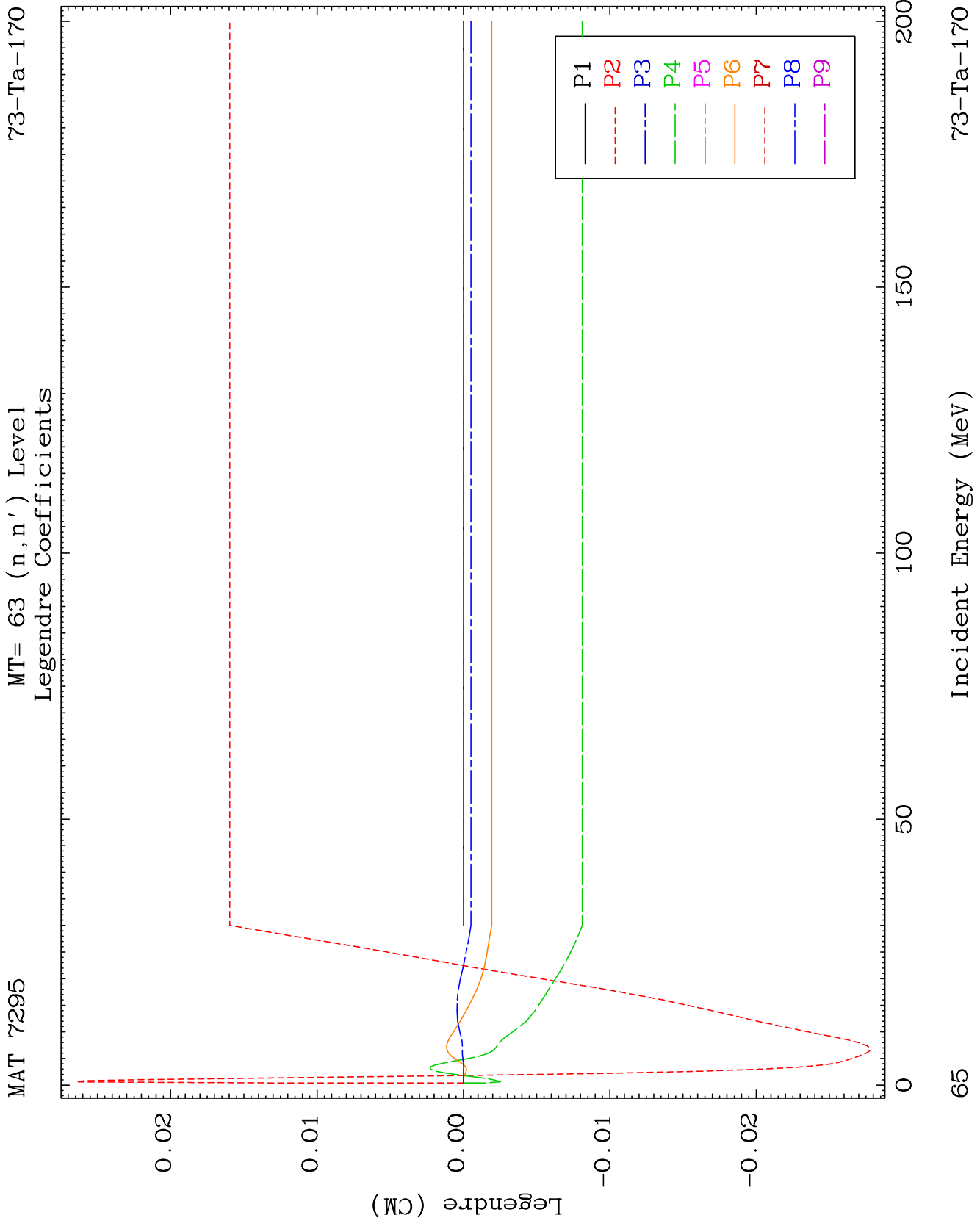


63

Incident Energy (MeV)

73-Ta-170

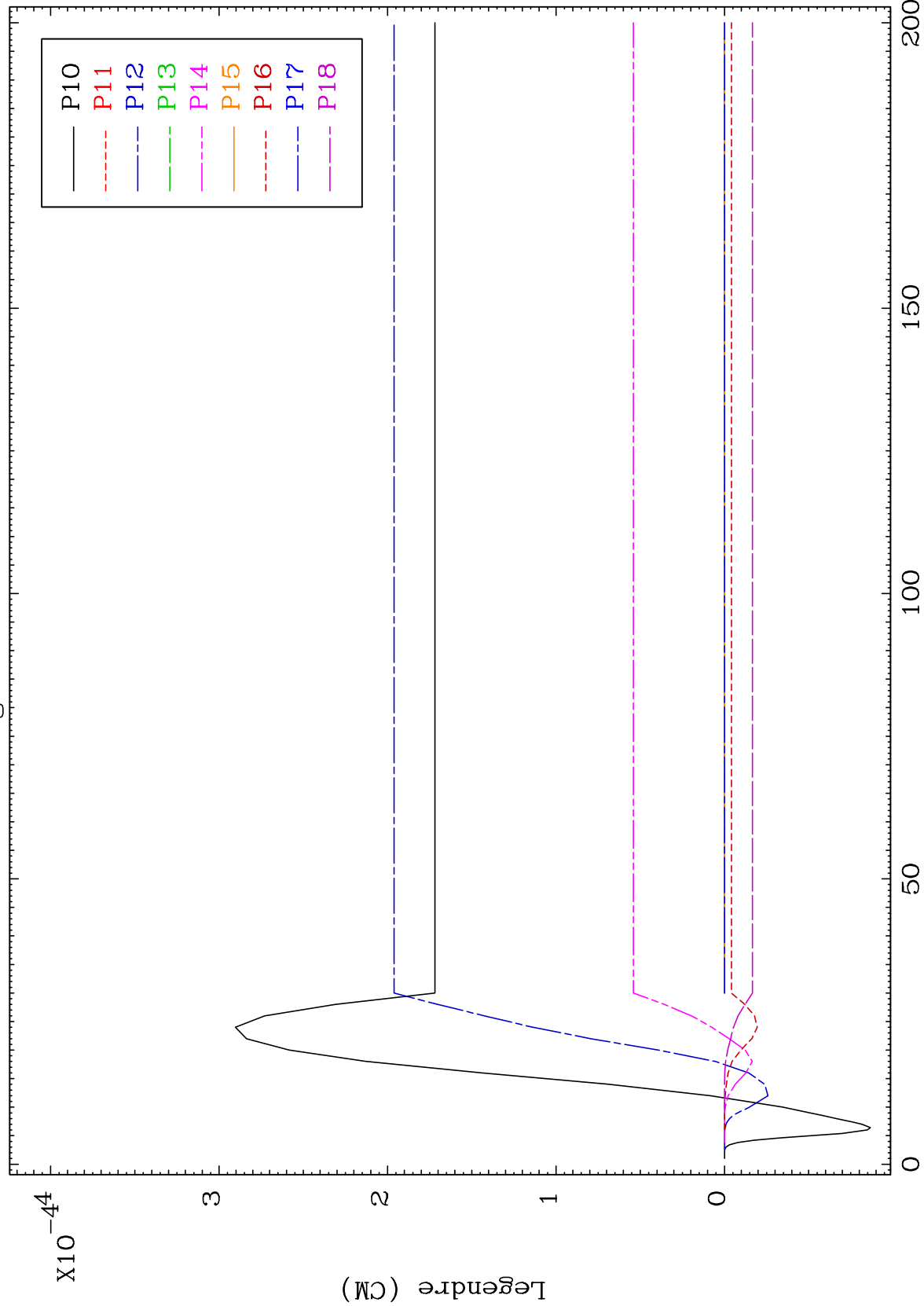




MAT 7295

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

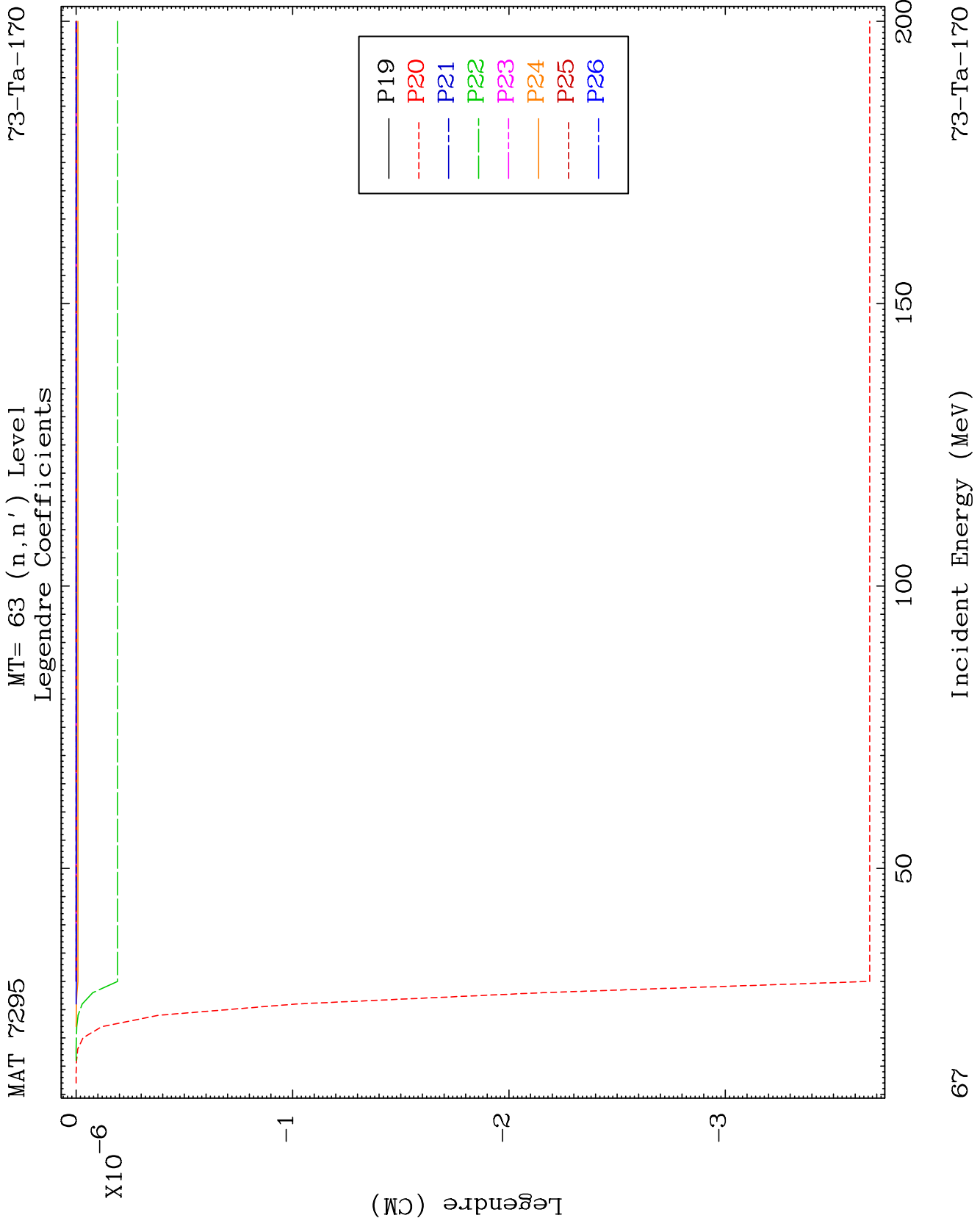
73-Ta-170

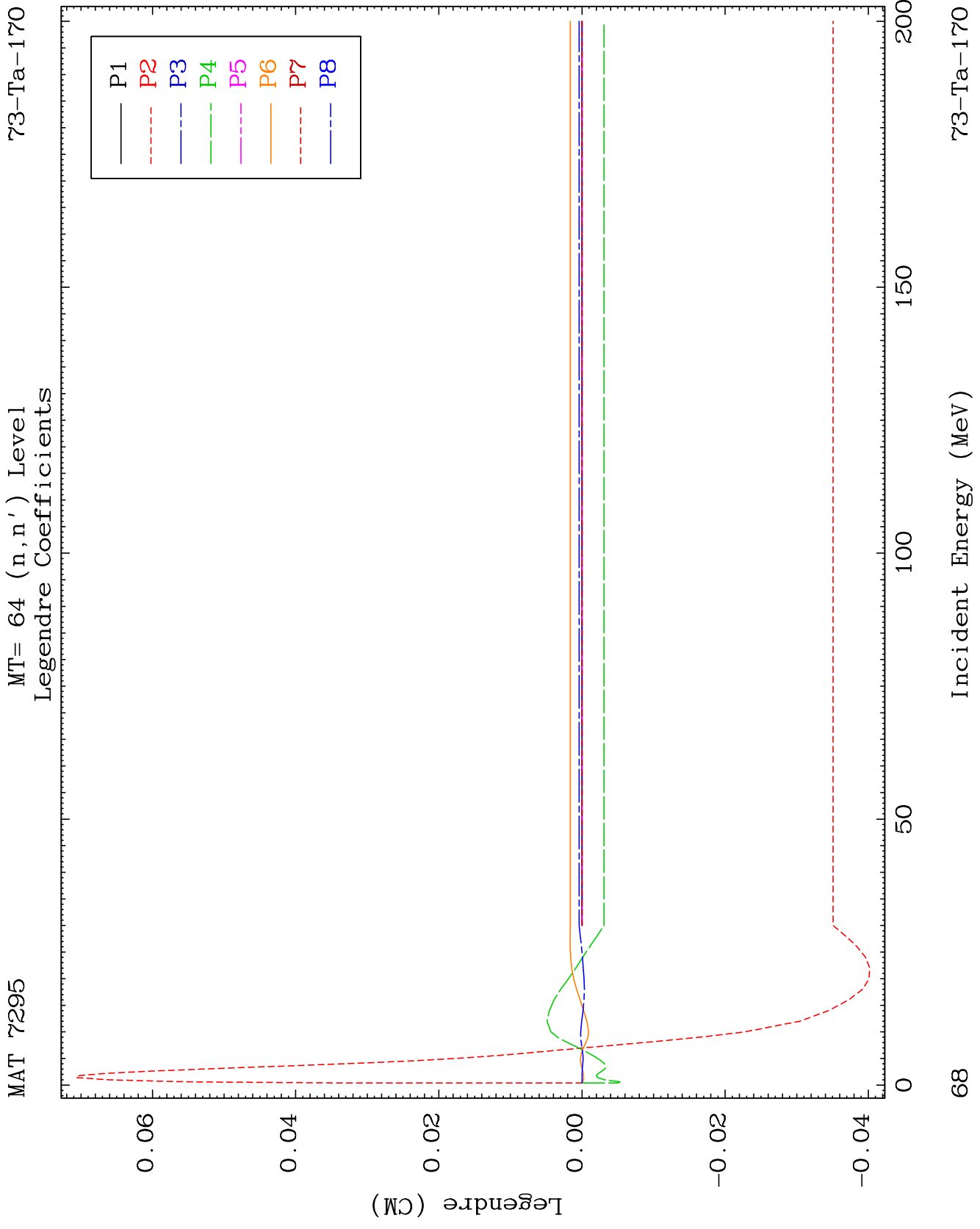


66

Incident Energy (MeV)

73-Ta-170

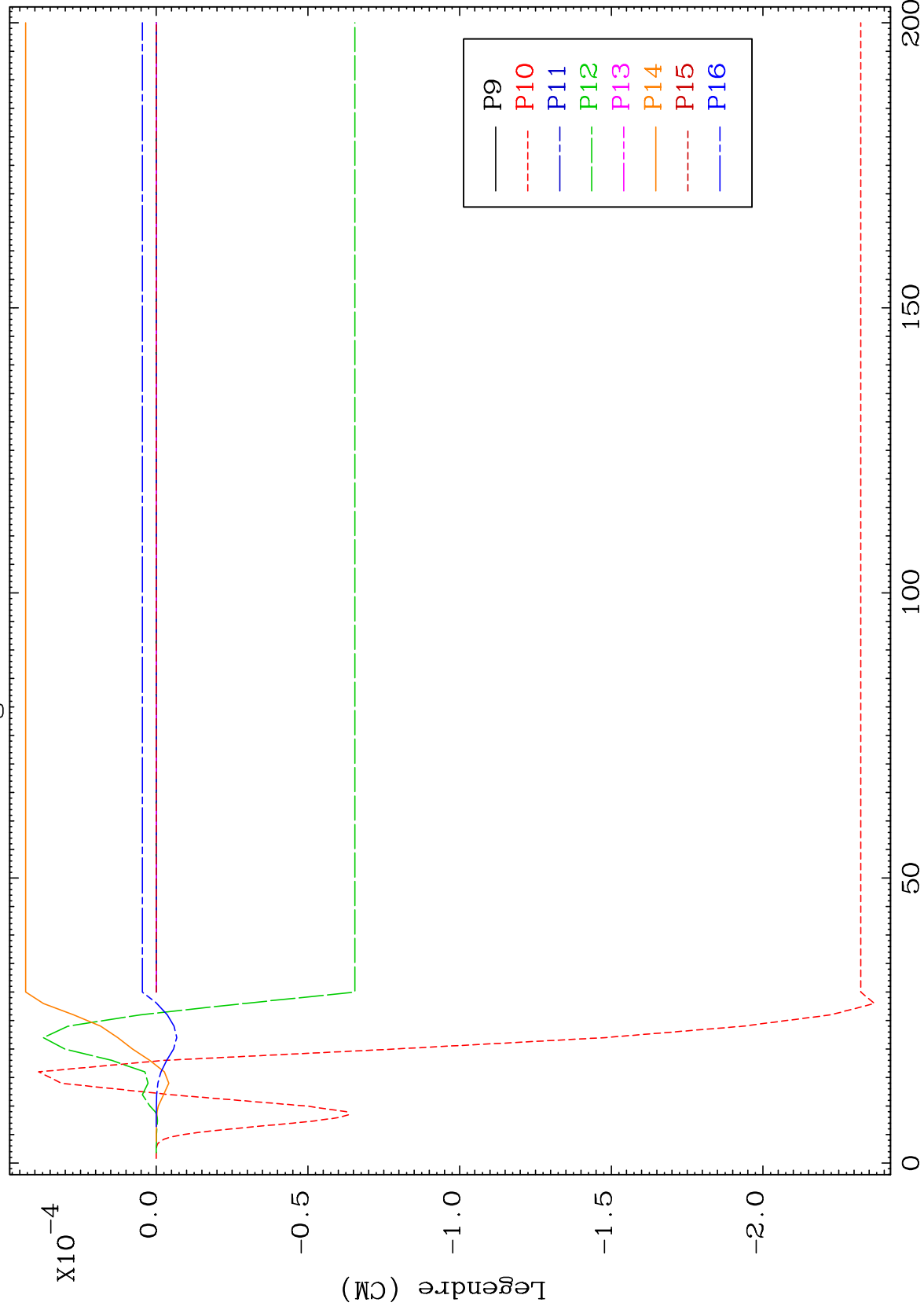




MAT 7295

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

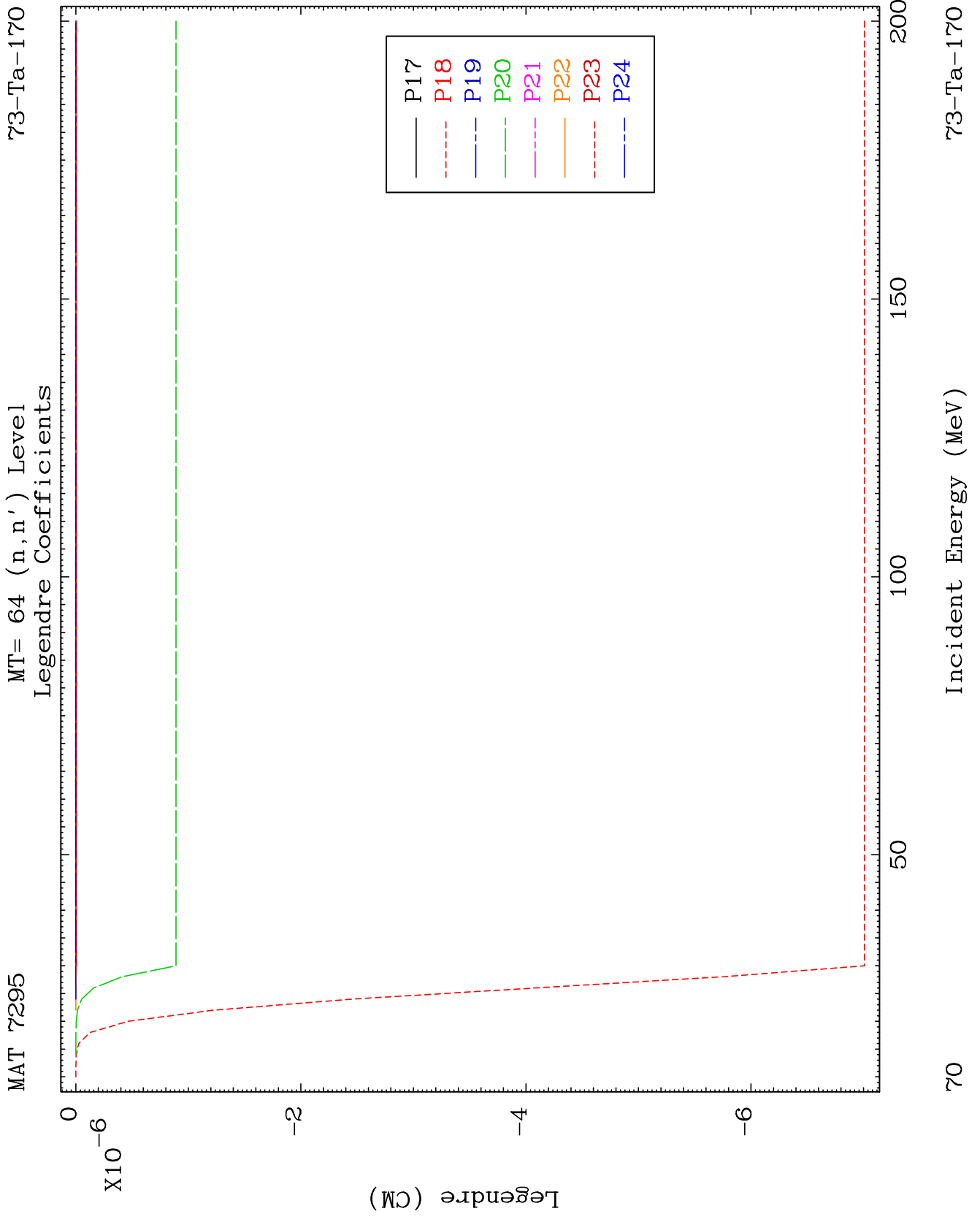
73-Ta-170

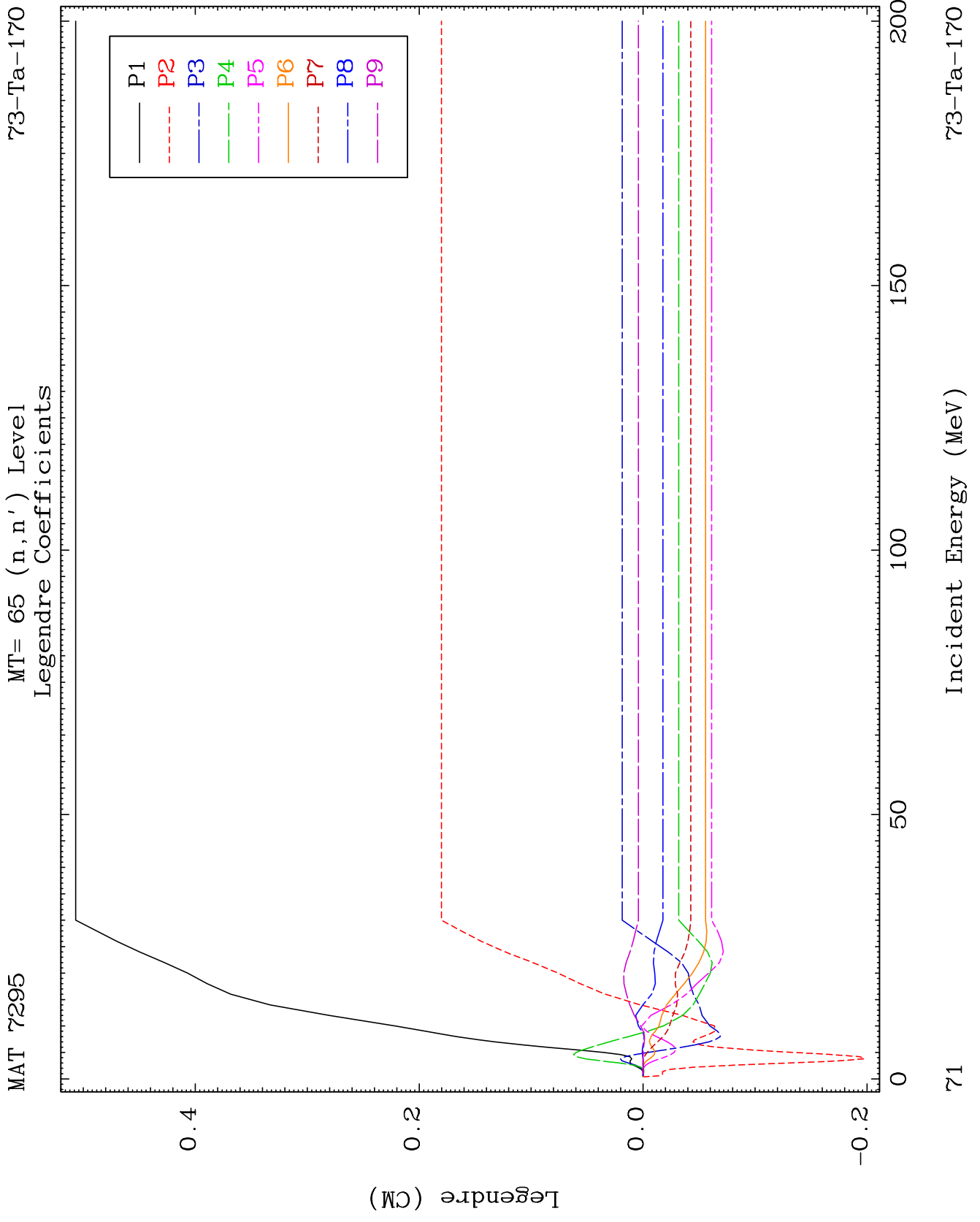


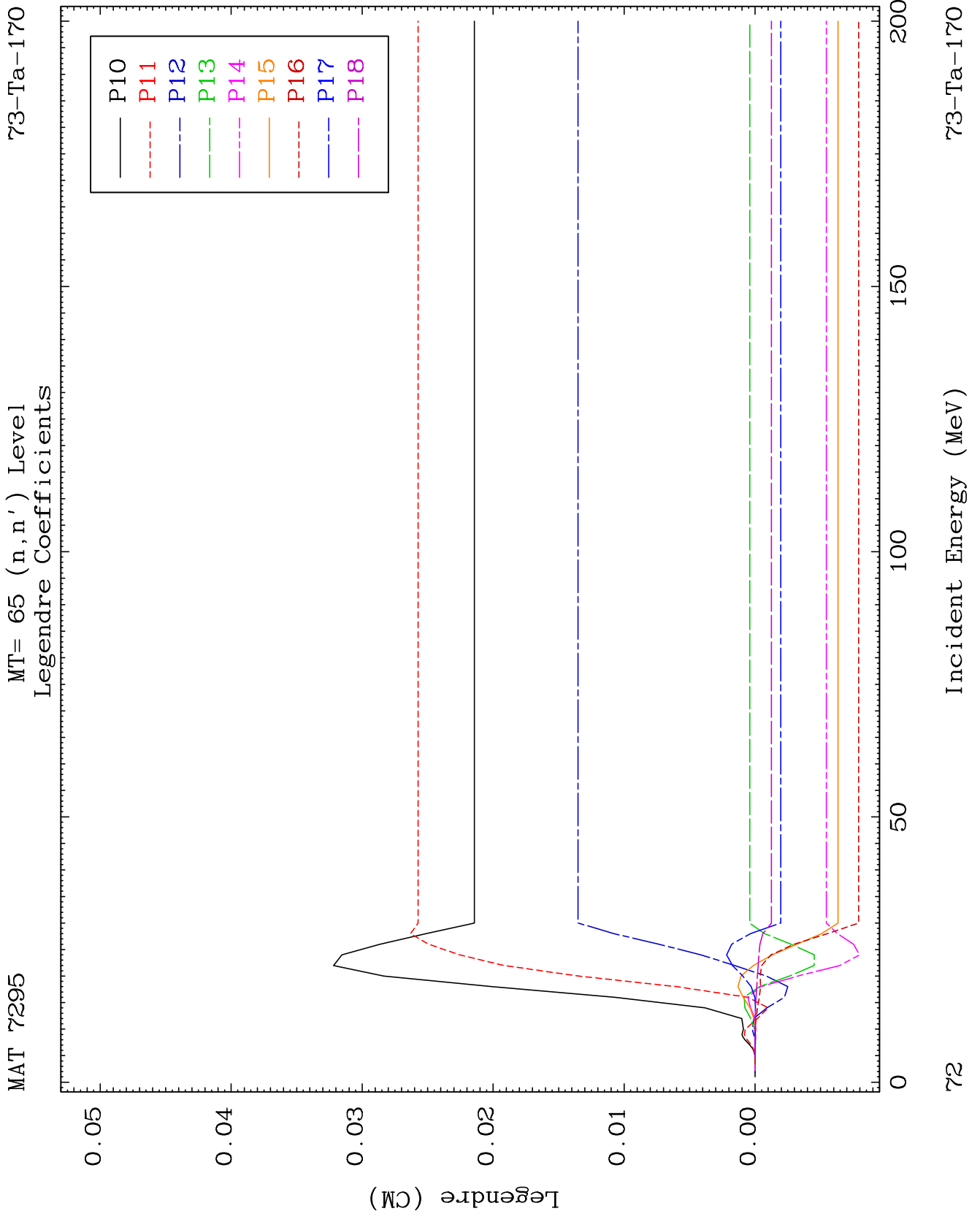
69

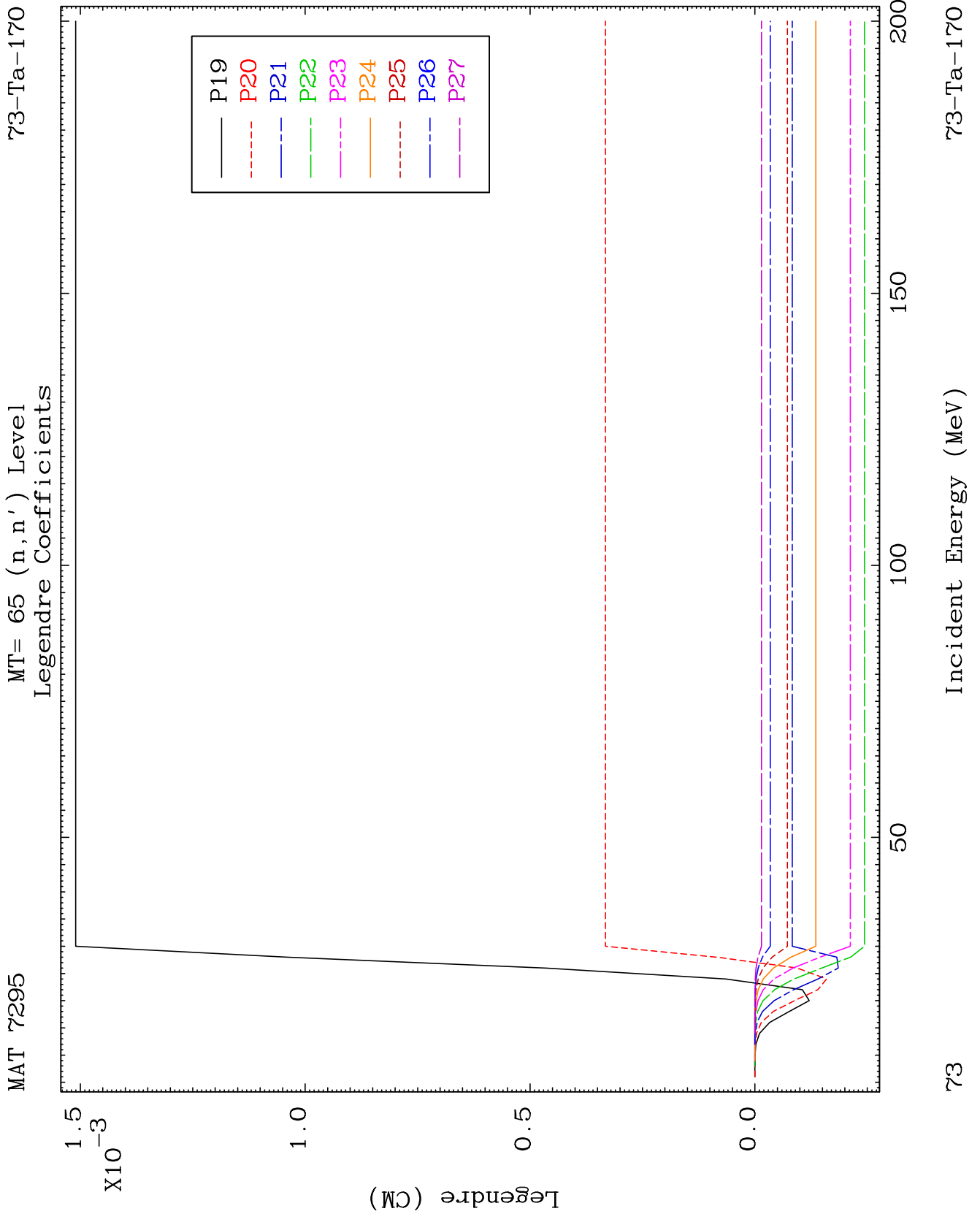
Incident Energy (MeV)

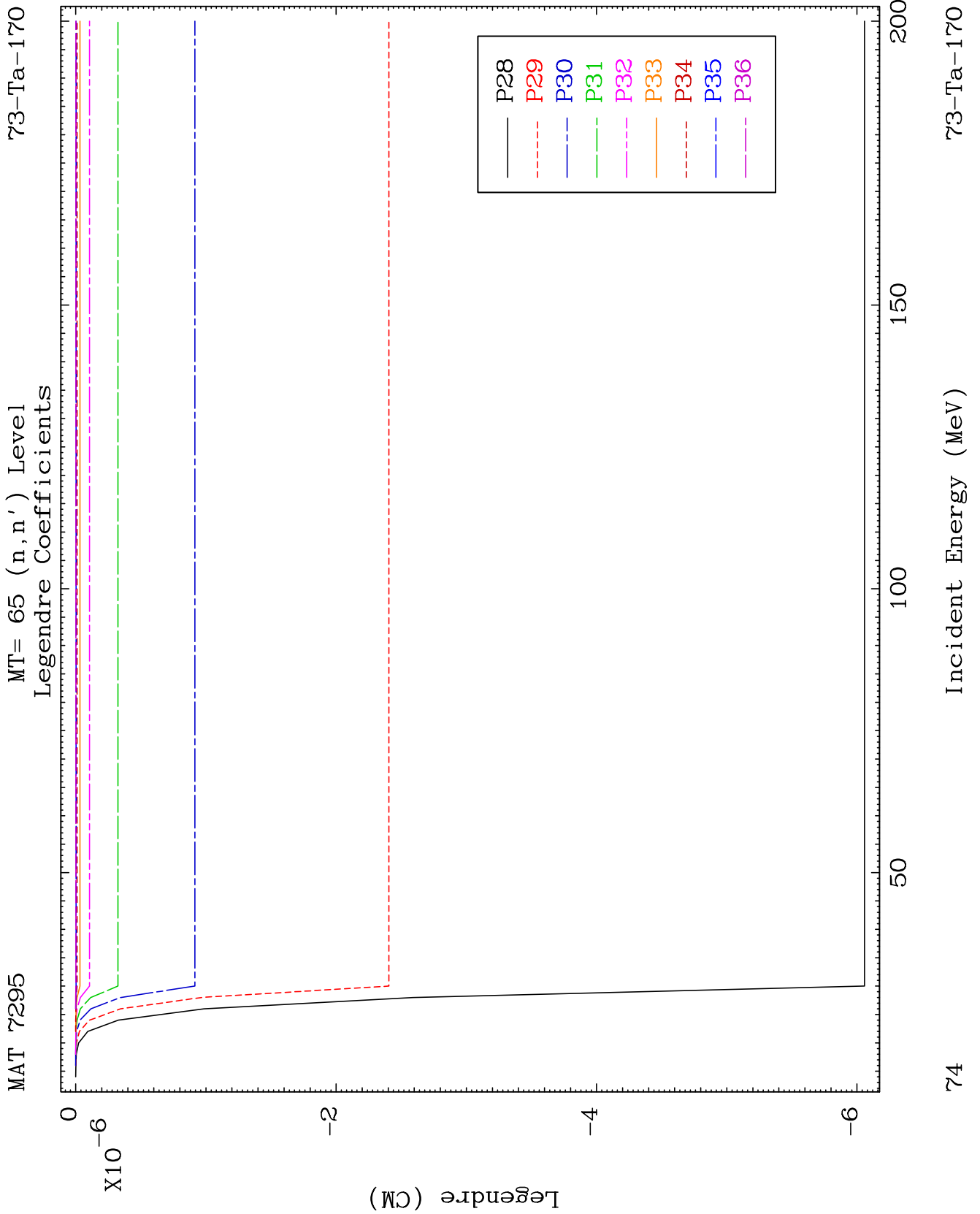
73-Ta-170

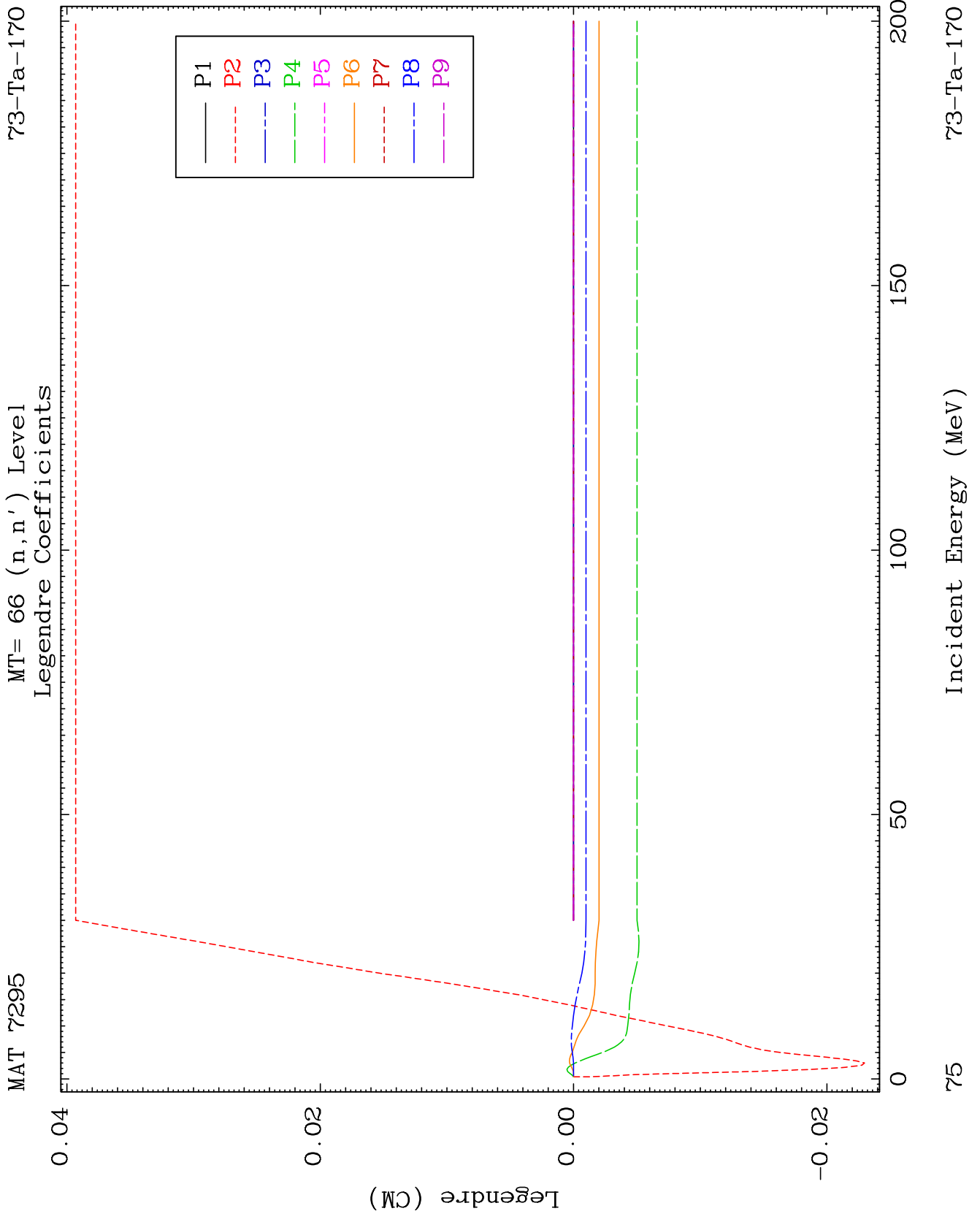








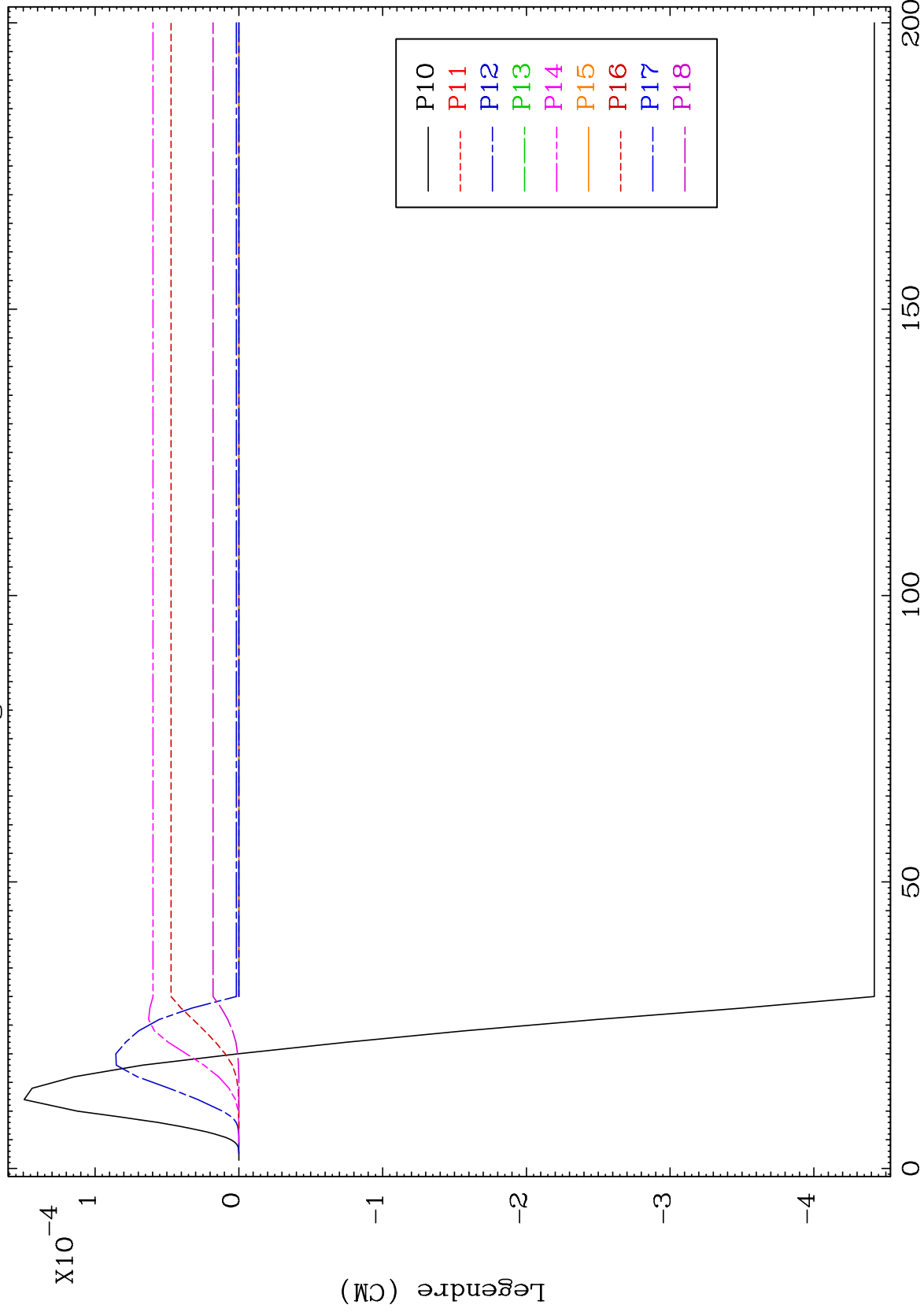




MAT 7295

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

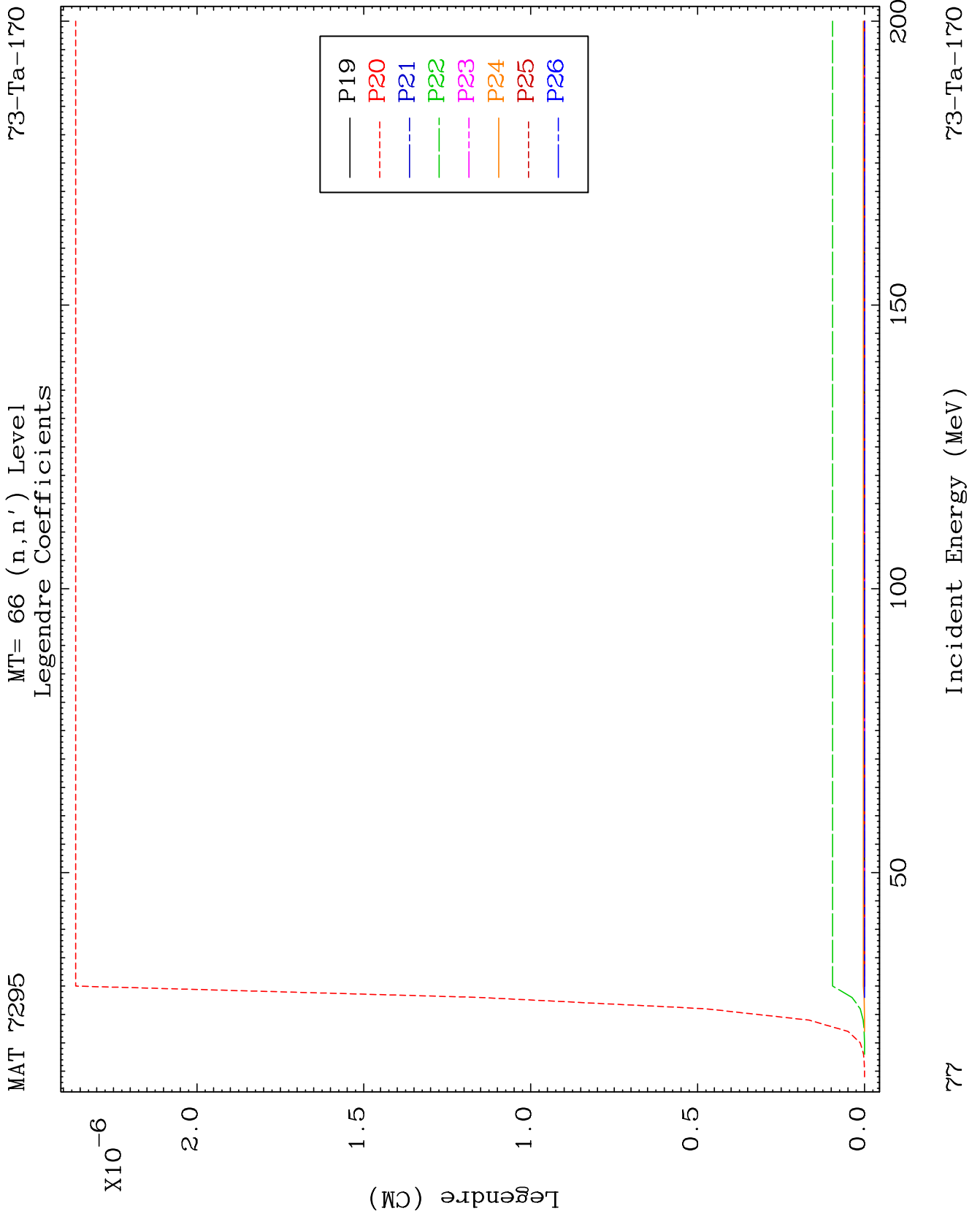
73-Ta-170

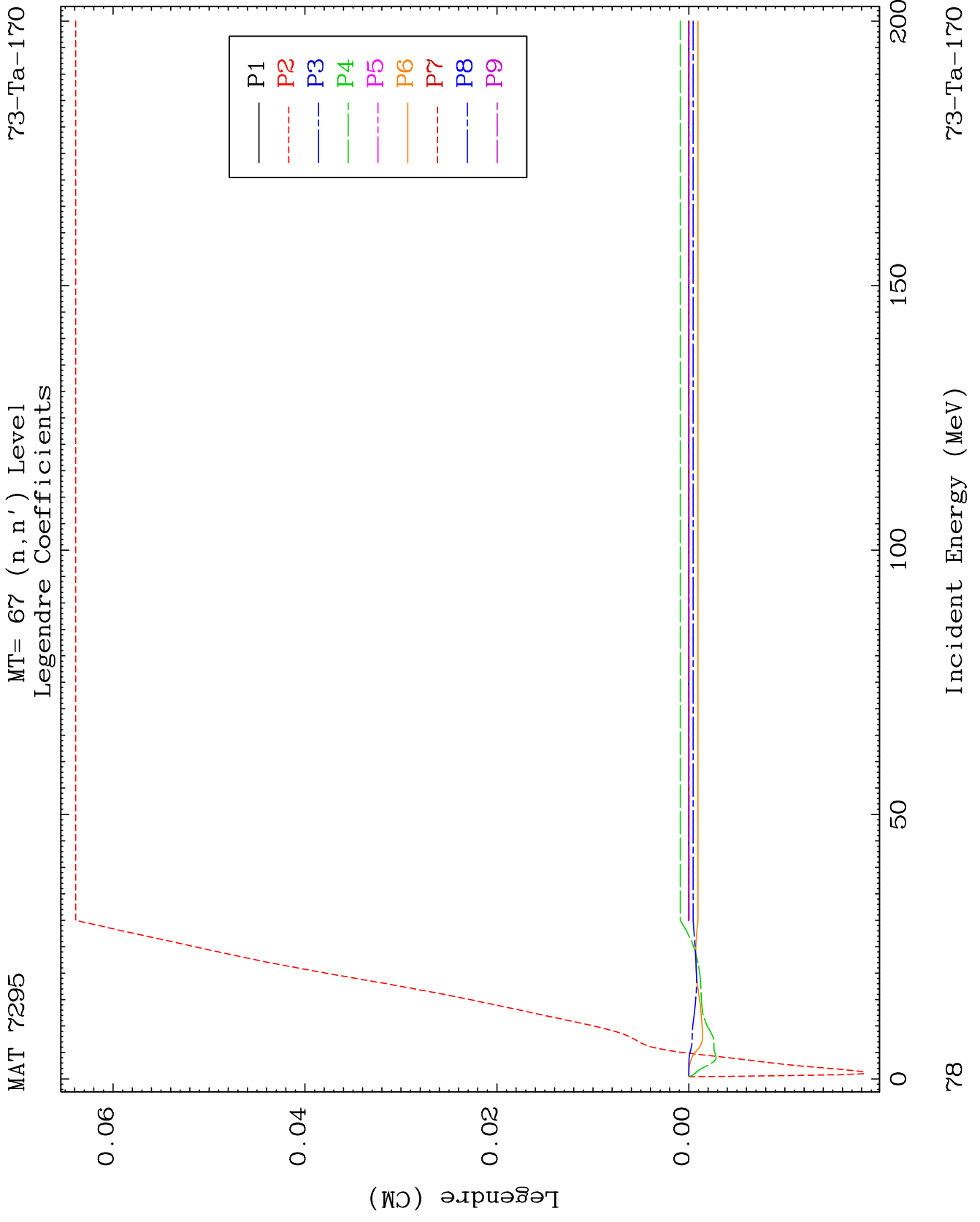


76

Incident Energy (MeV)

73-Ta-170

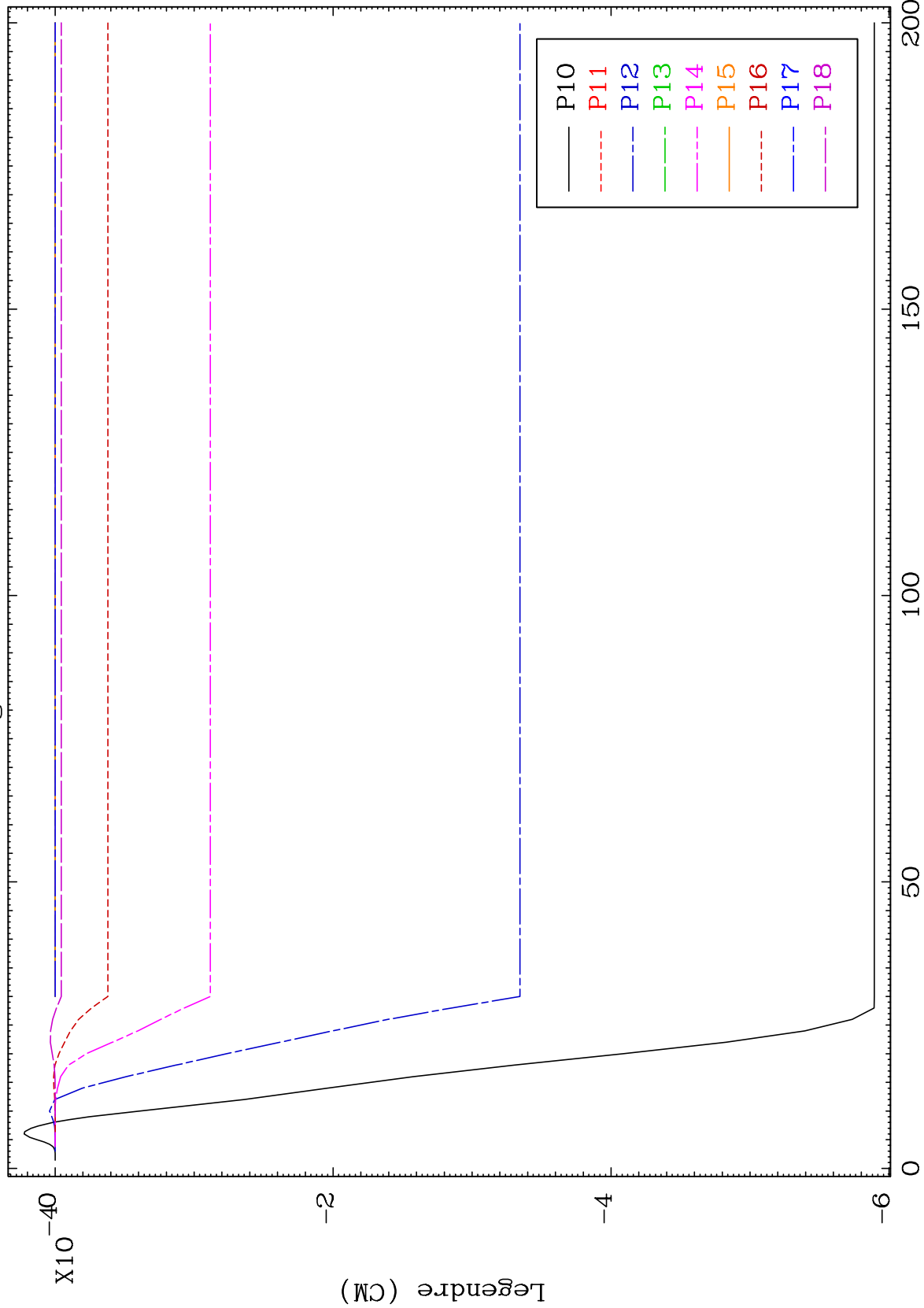




MAT 7295

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

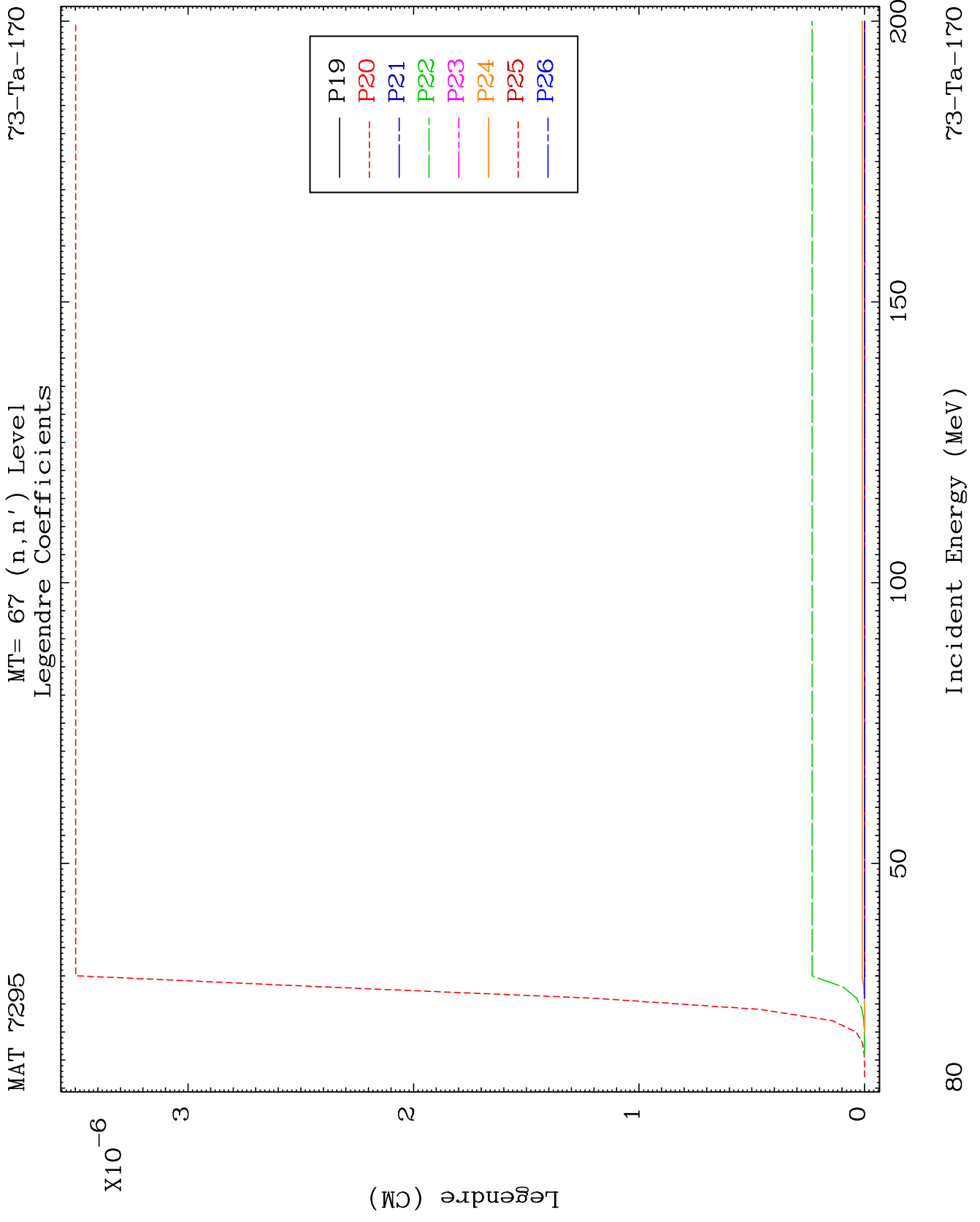
73-Ta-170



79

Incident Energy (MeV)

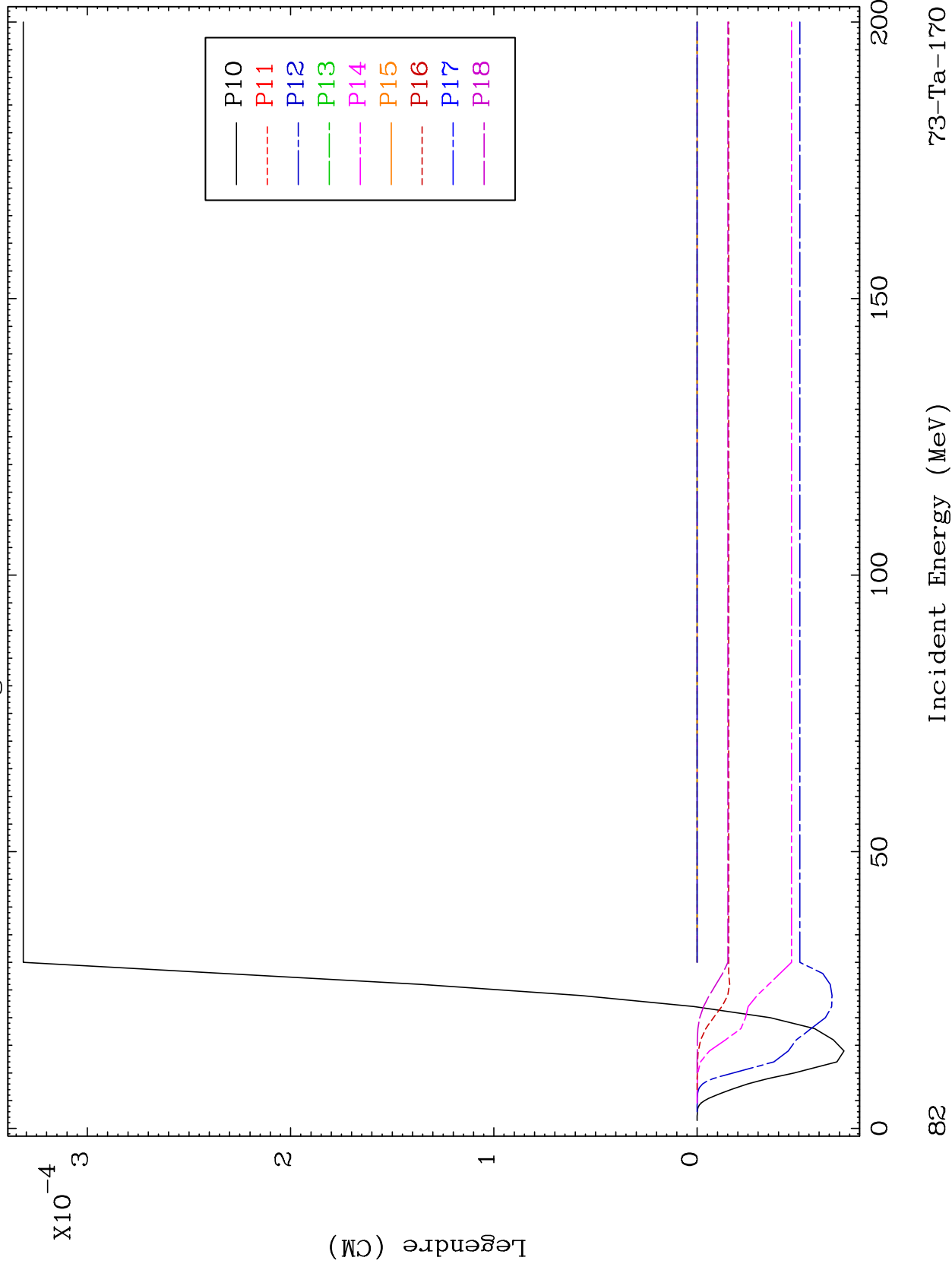
73-Ta-170



MAT 7295

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

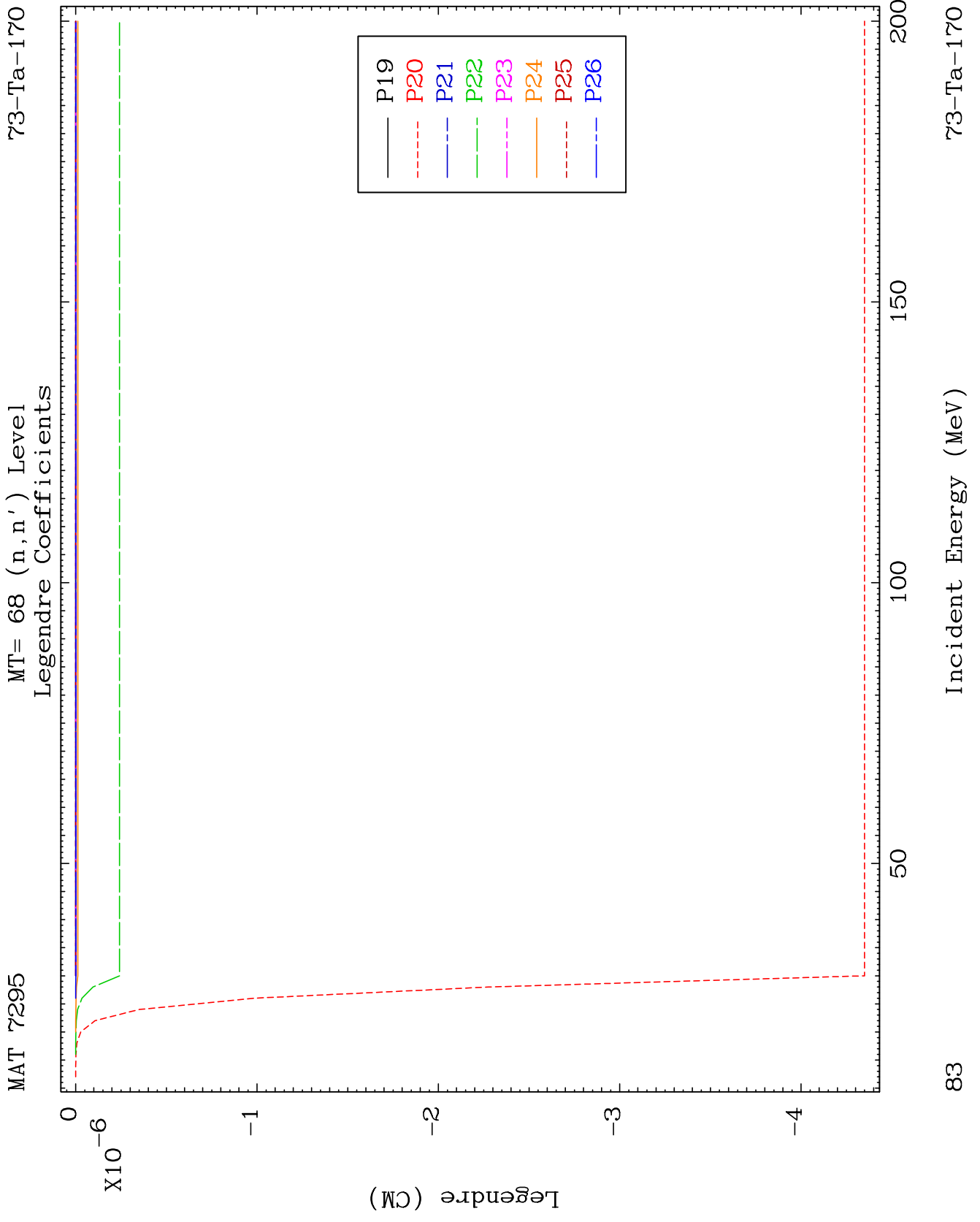
73-Ta-170

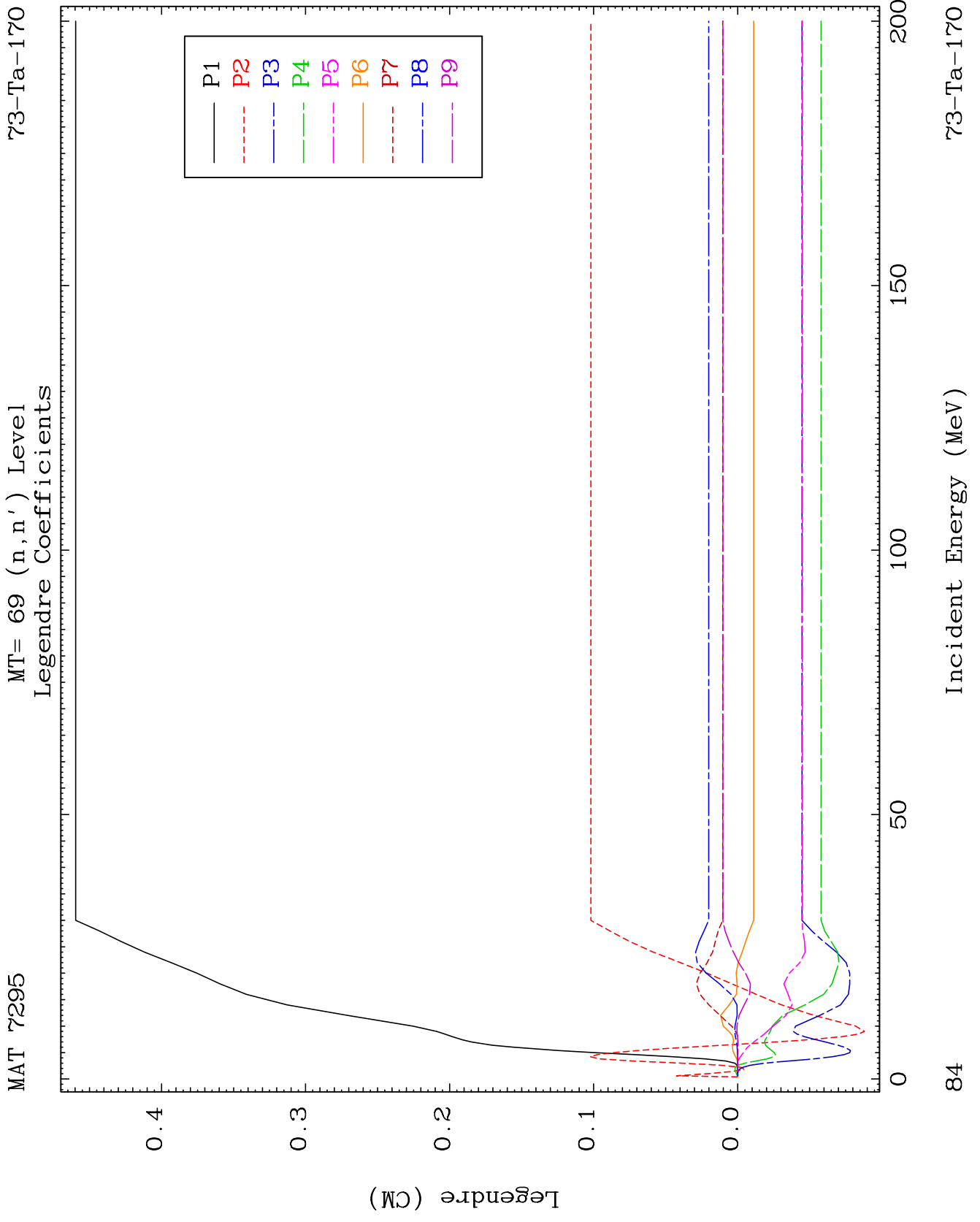


73-Ta-170

Incident Energy (MeV)

82

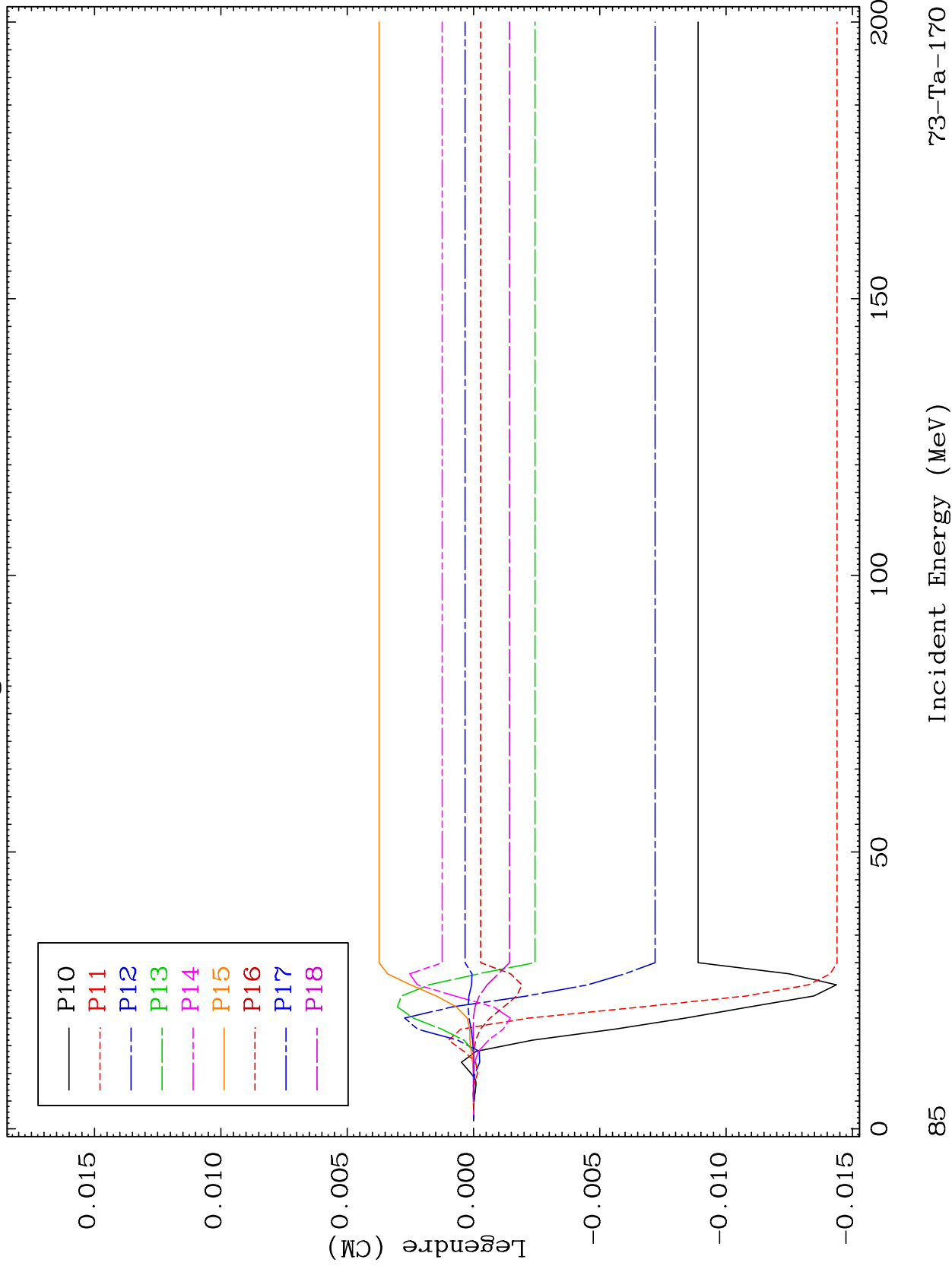




MAT 7295

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

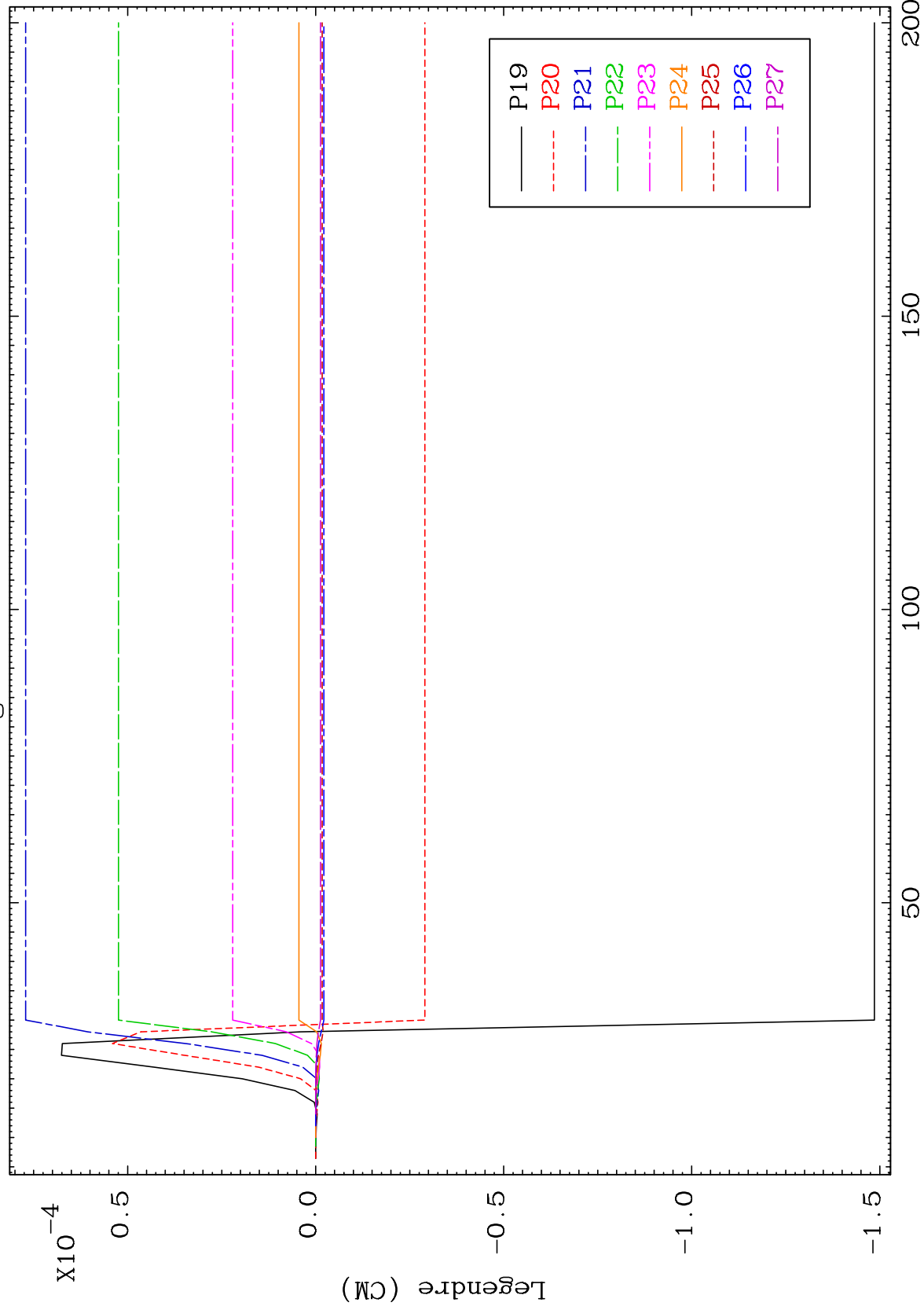
73-Ta-170

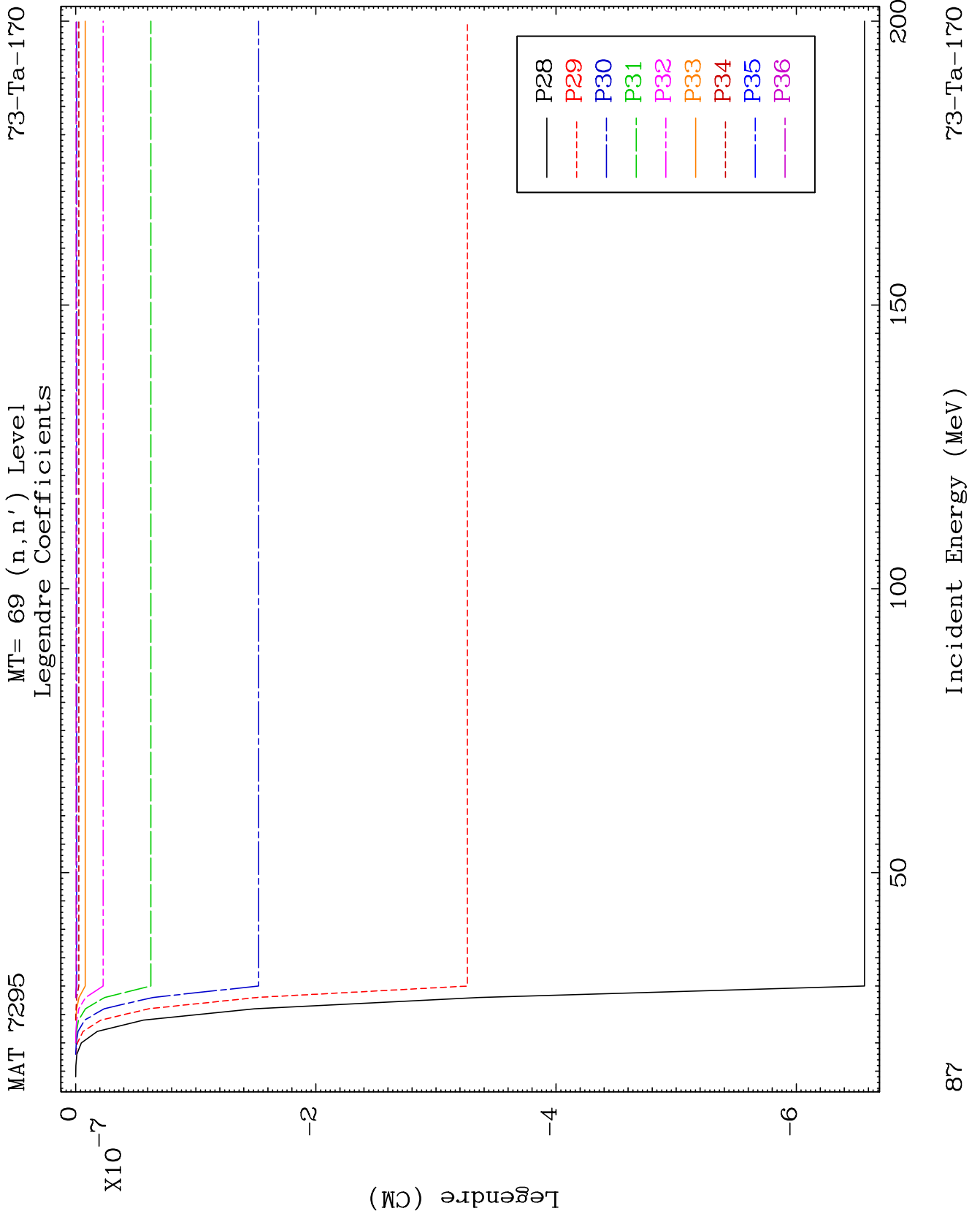


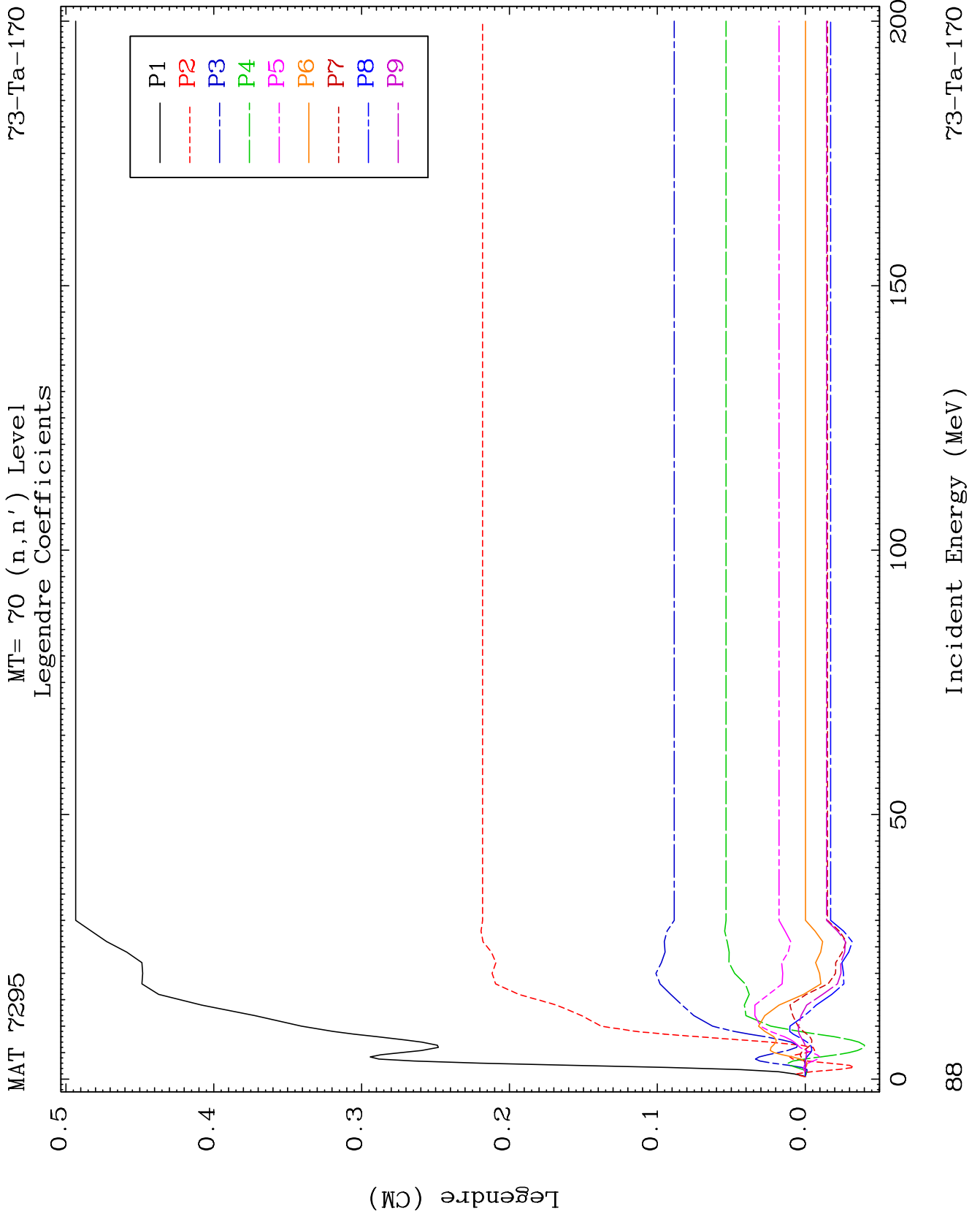
85

Incident Energy (MeV)

73-Ta-170



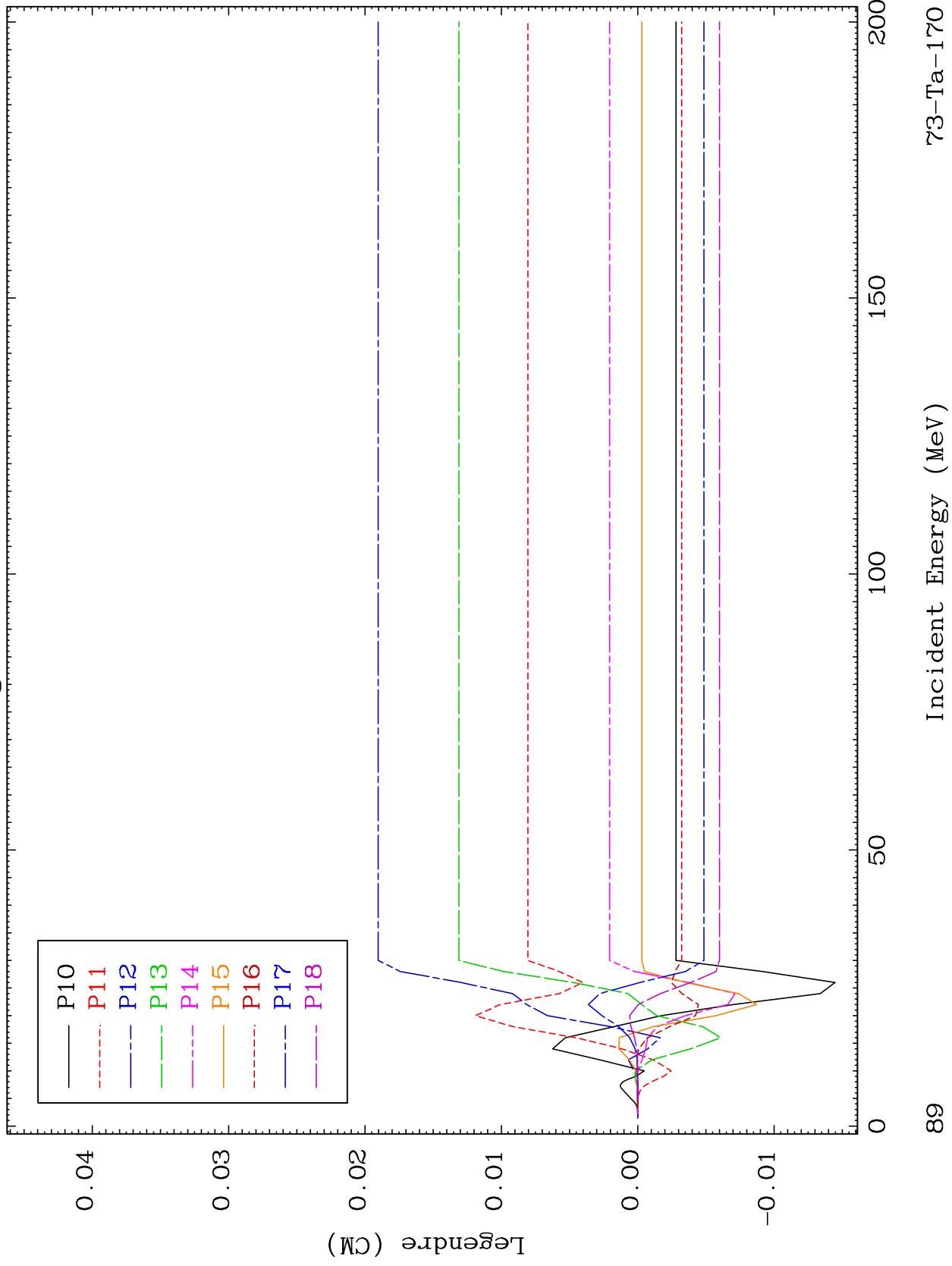




MAT 7295

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

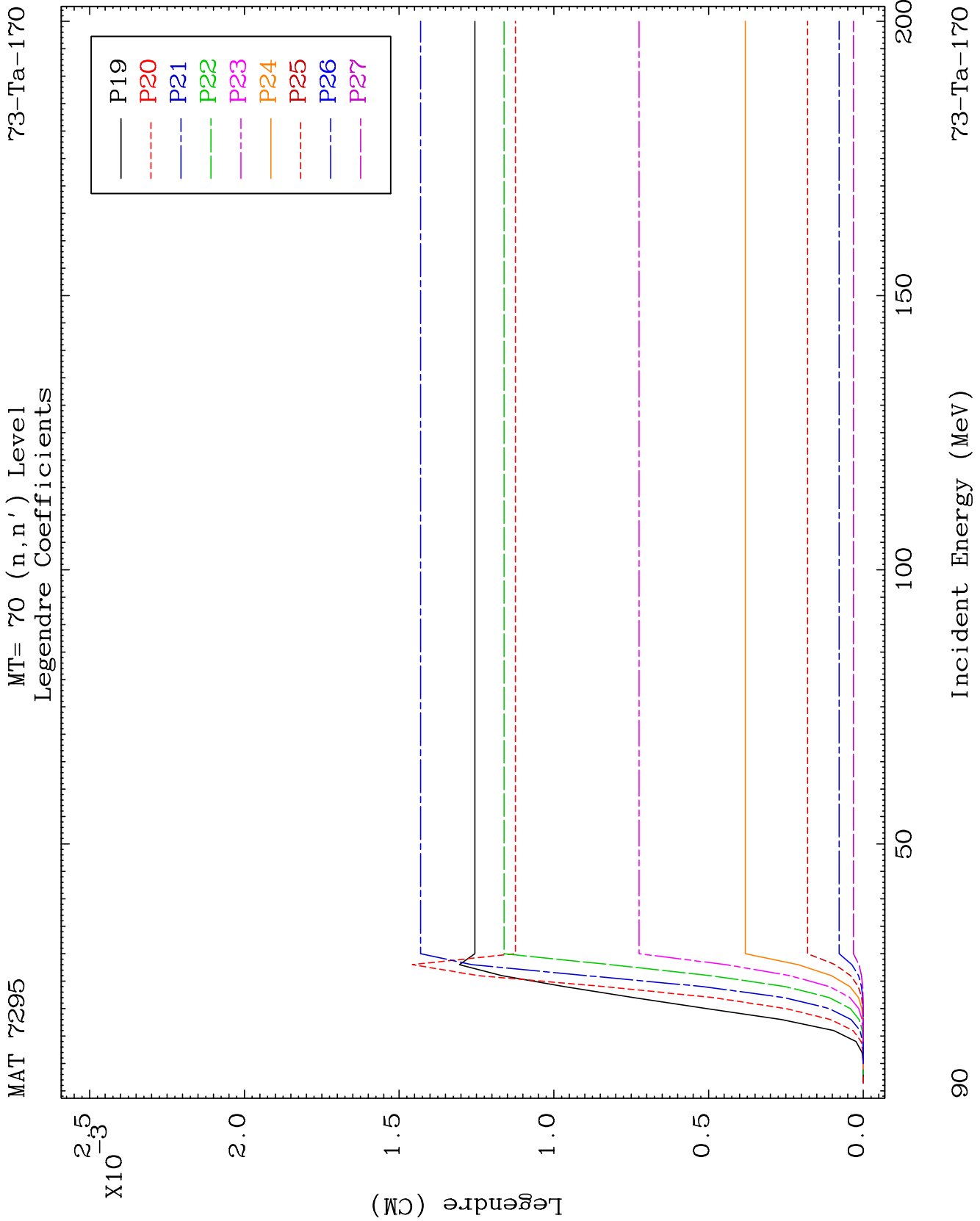
73-Ta-170

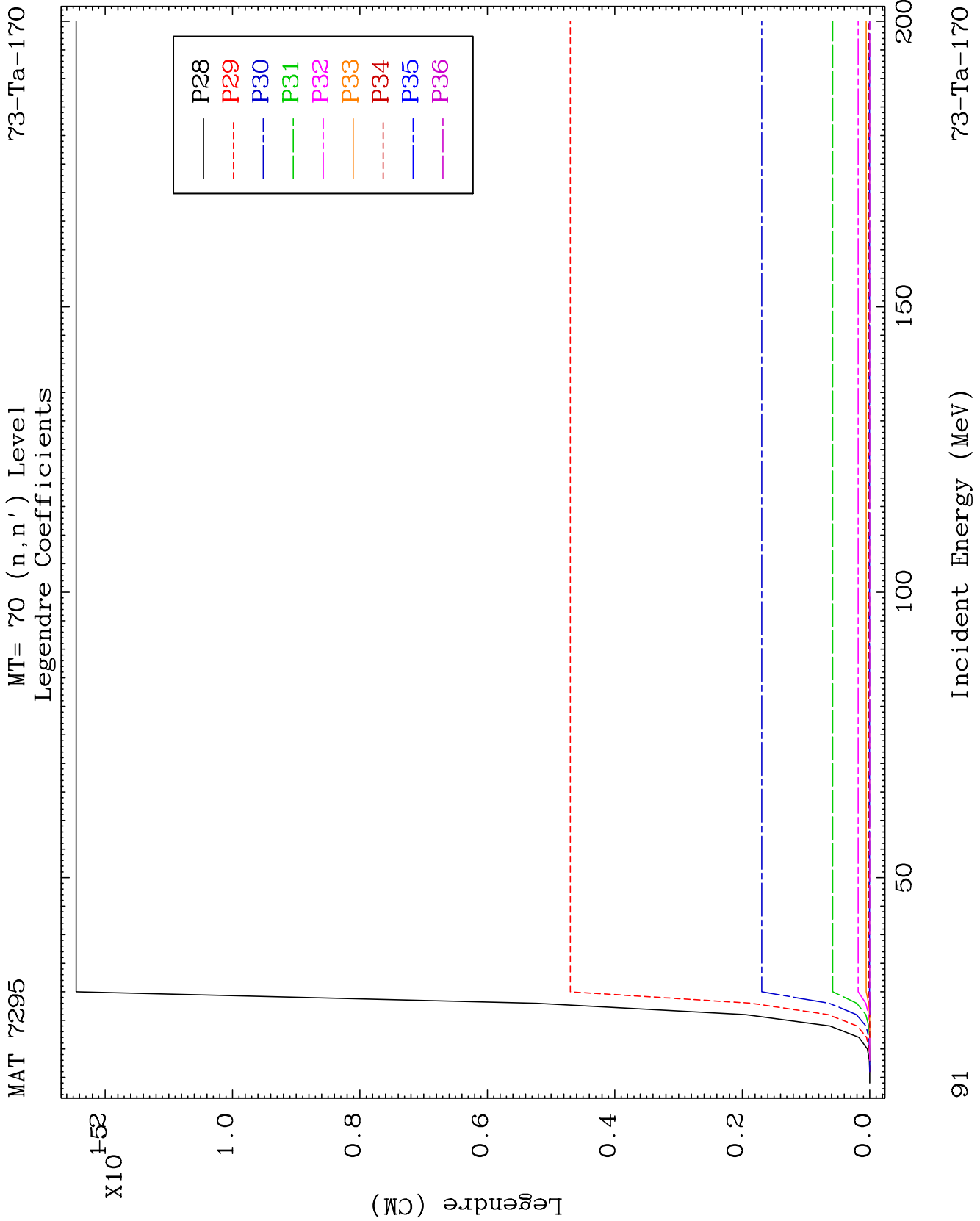


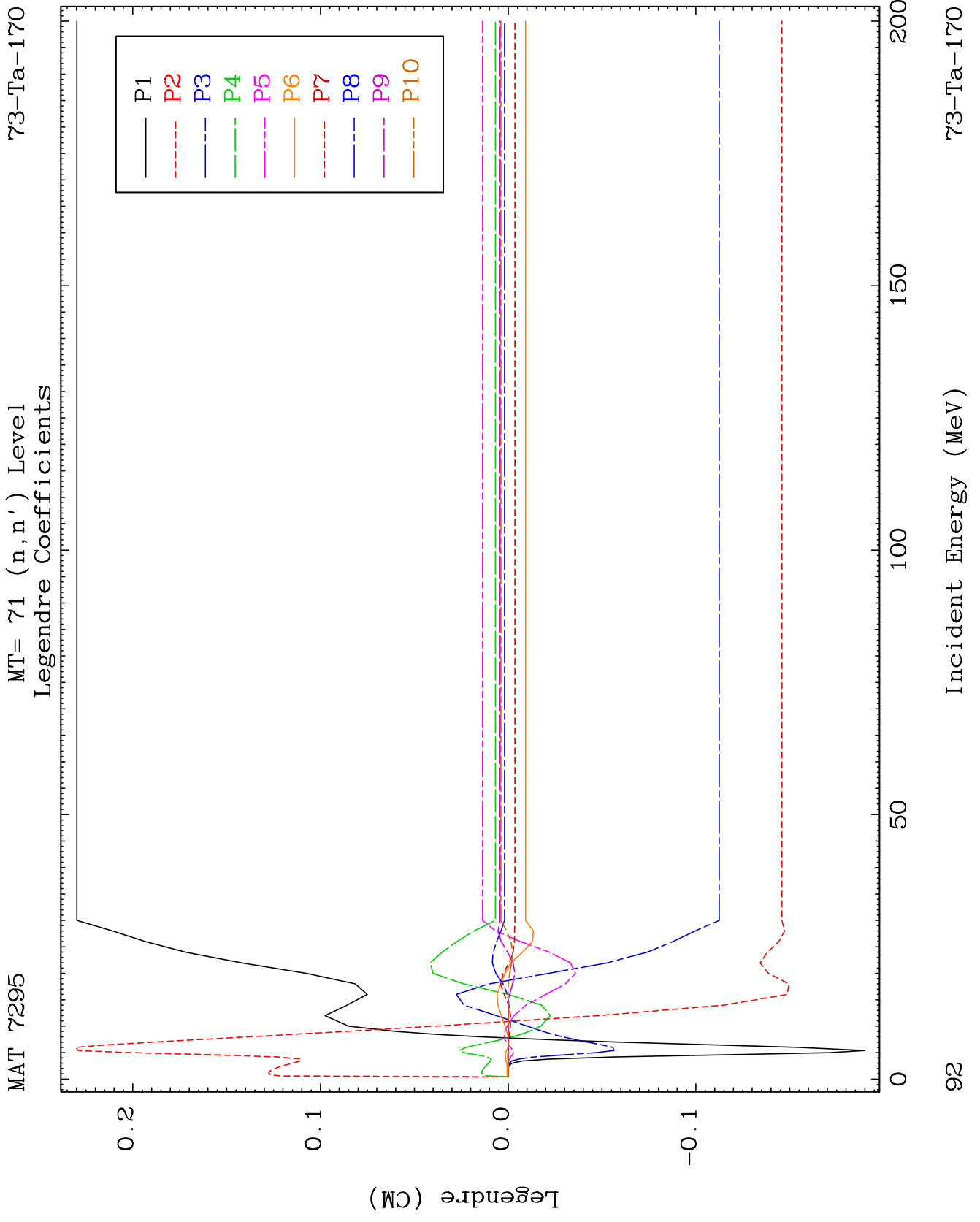
89

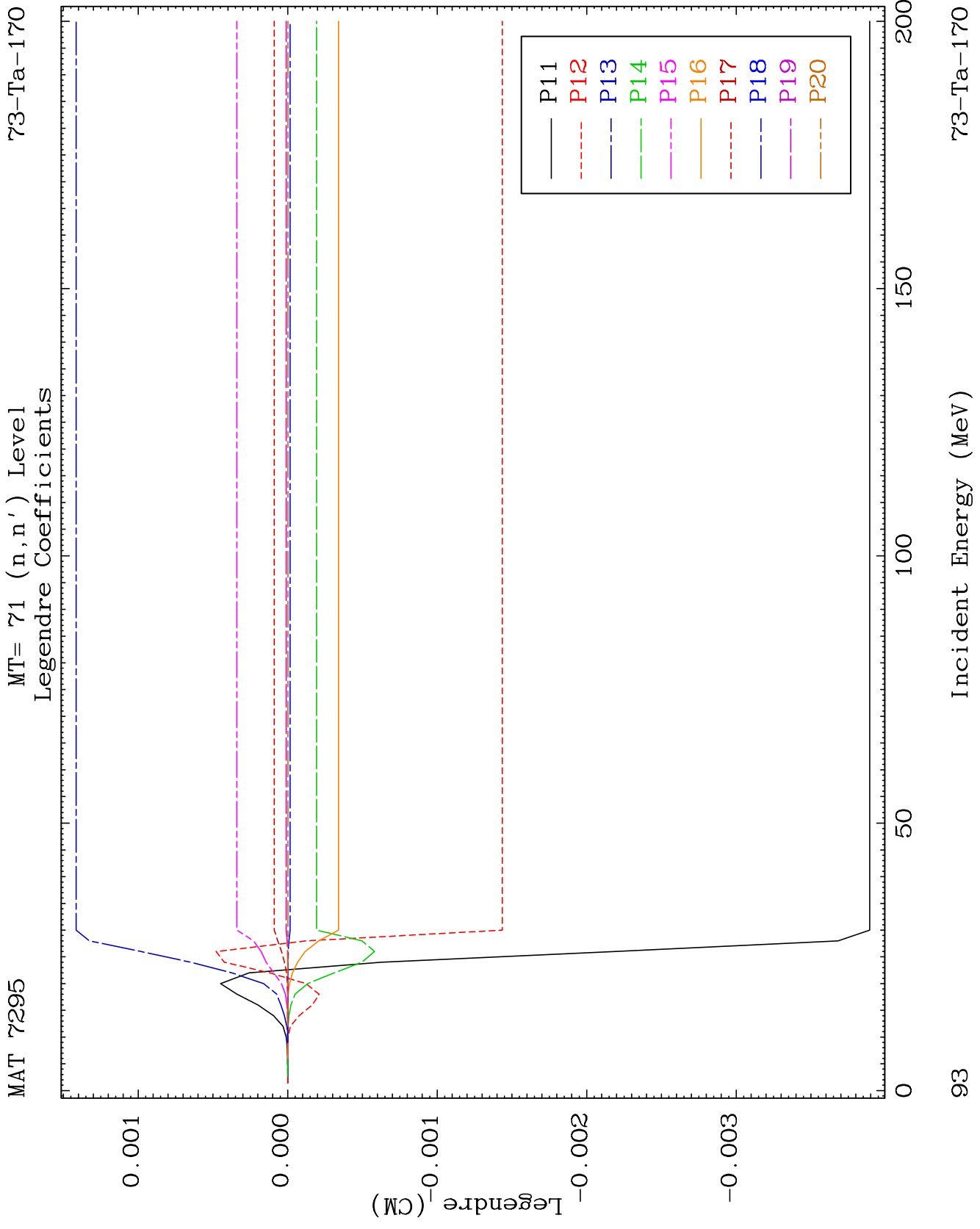
Incident Energy (MeV)

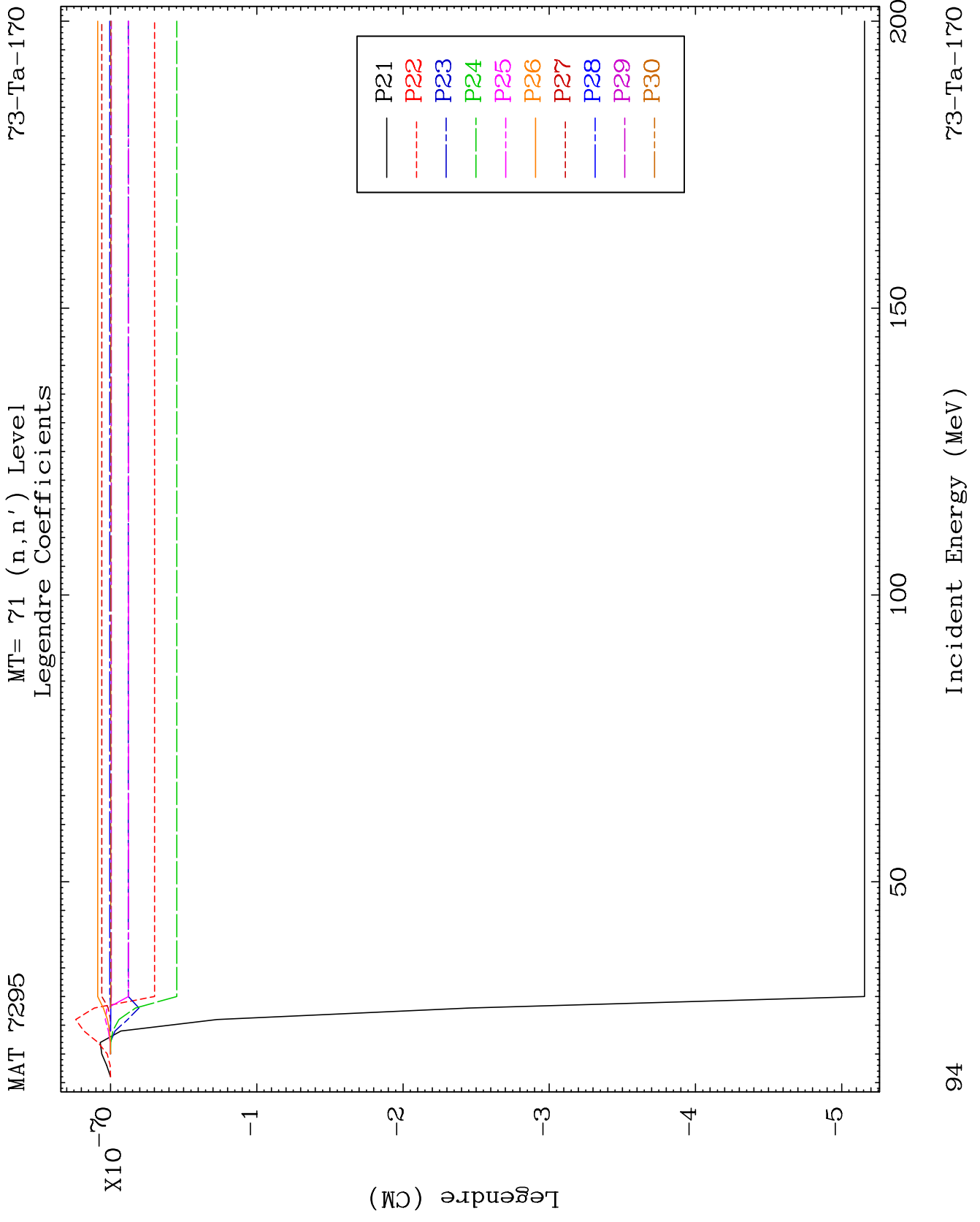
73-Ta-170

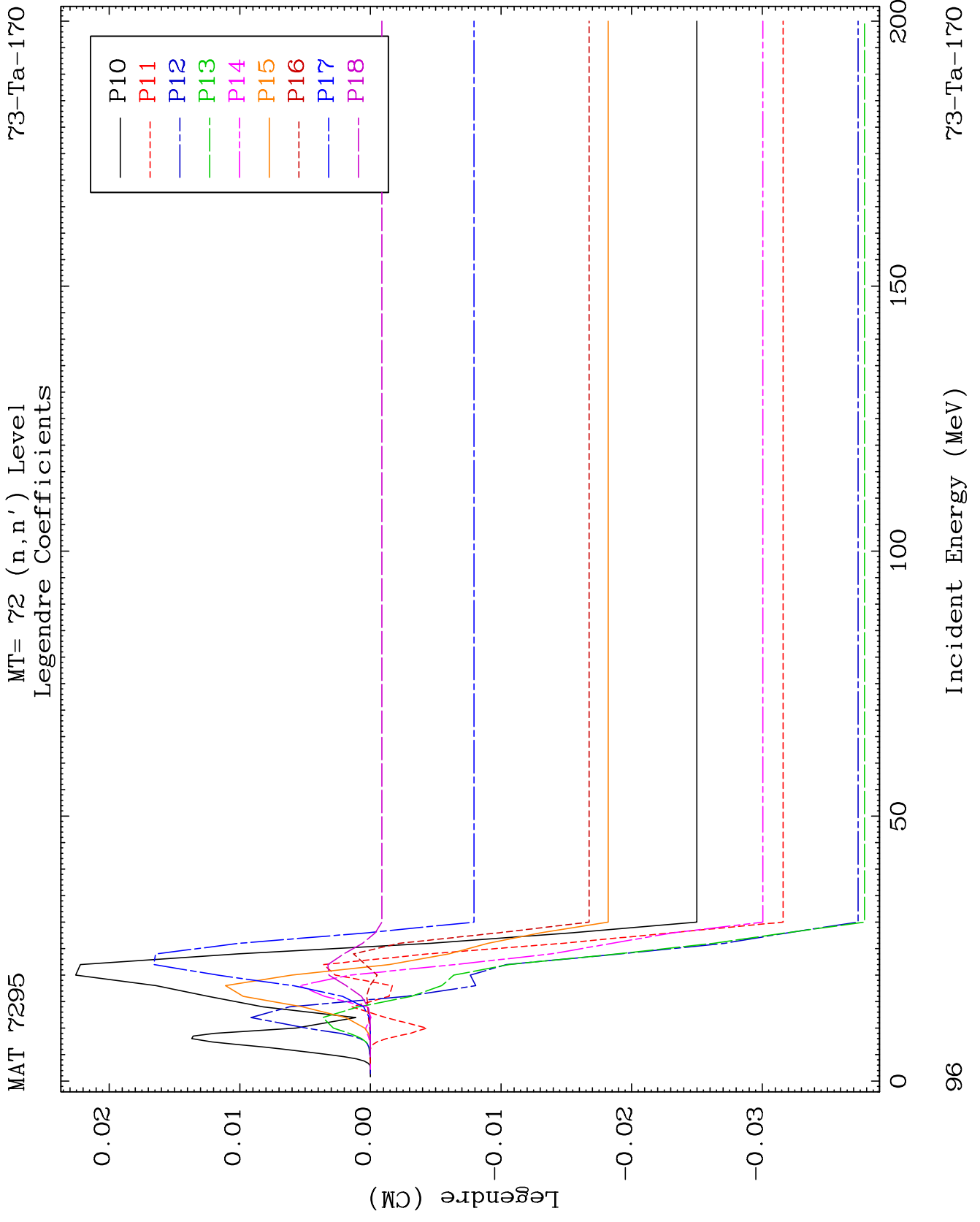








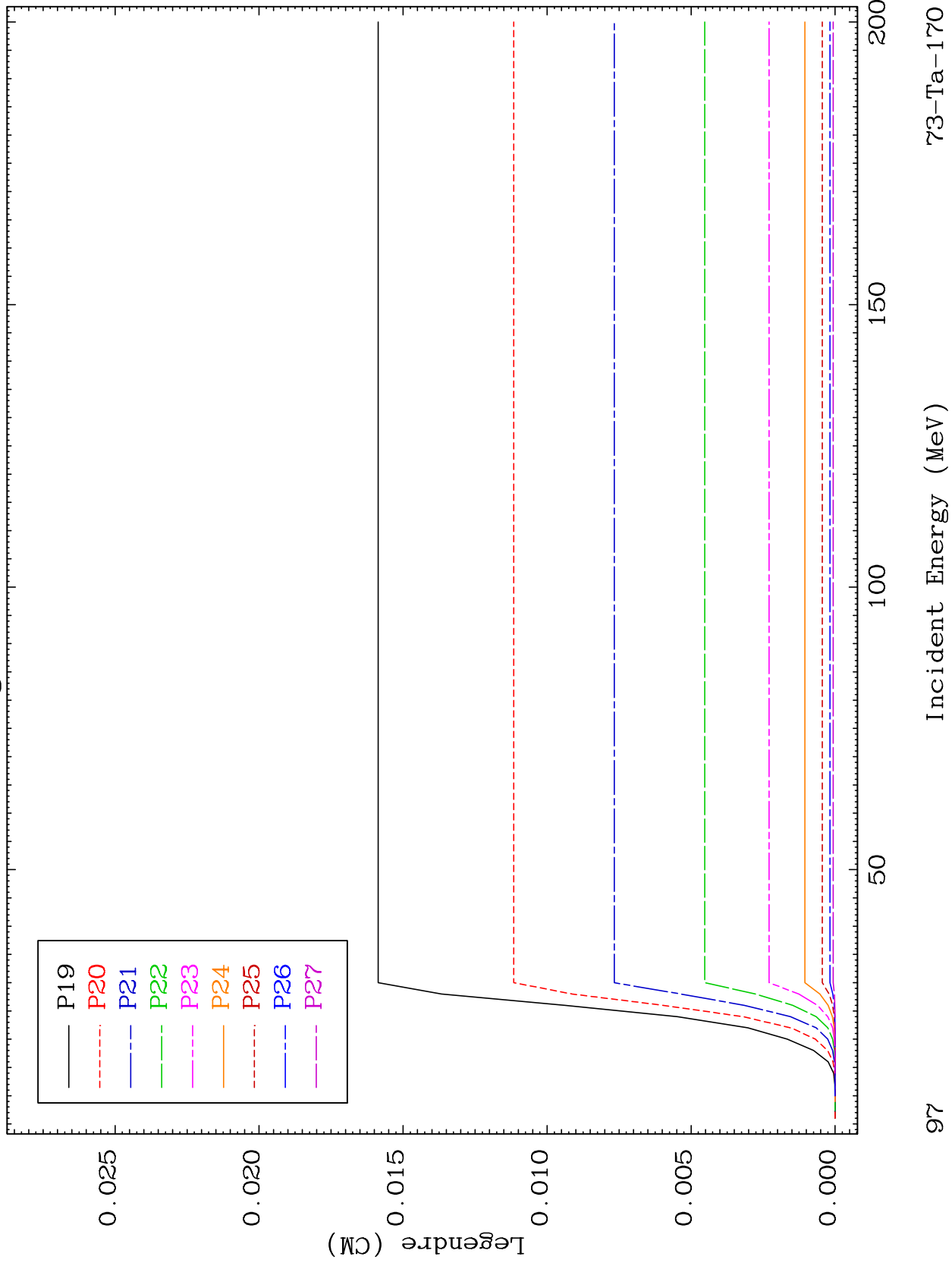




MAT 7295

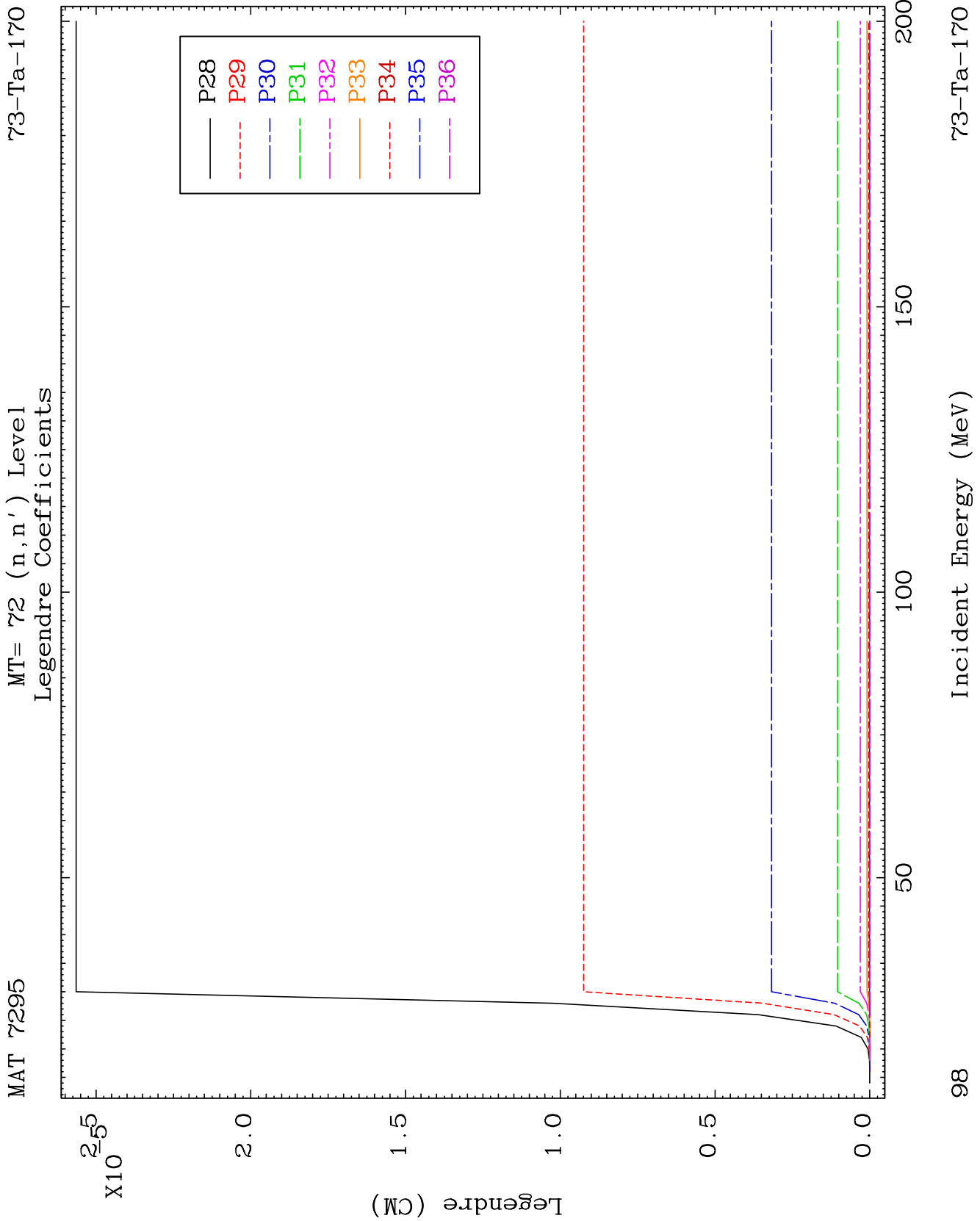
MT= 72 (n,n') Level
Legendre Coefficients

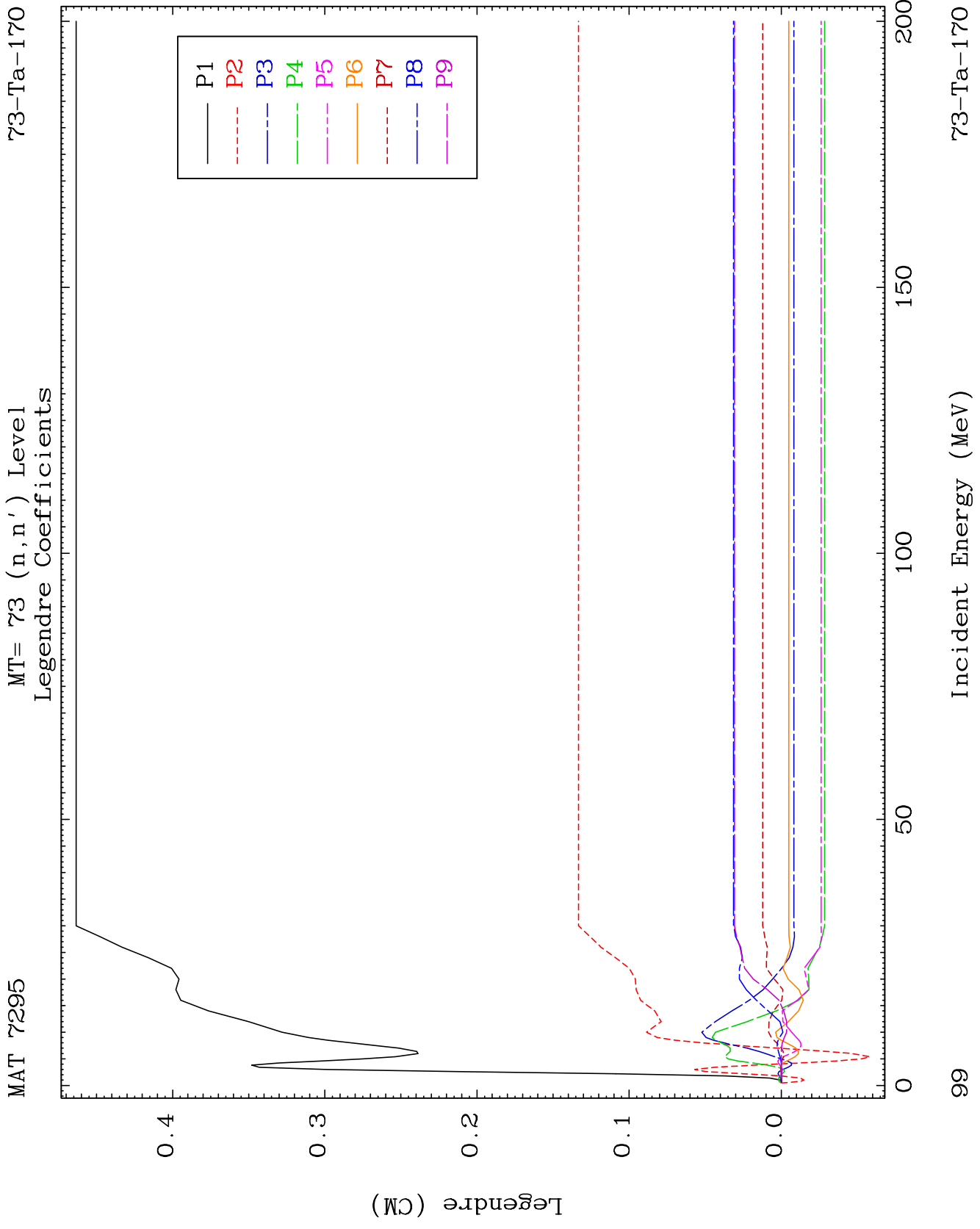
73-Ta-170

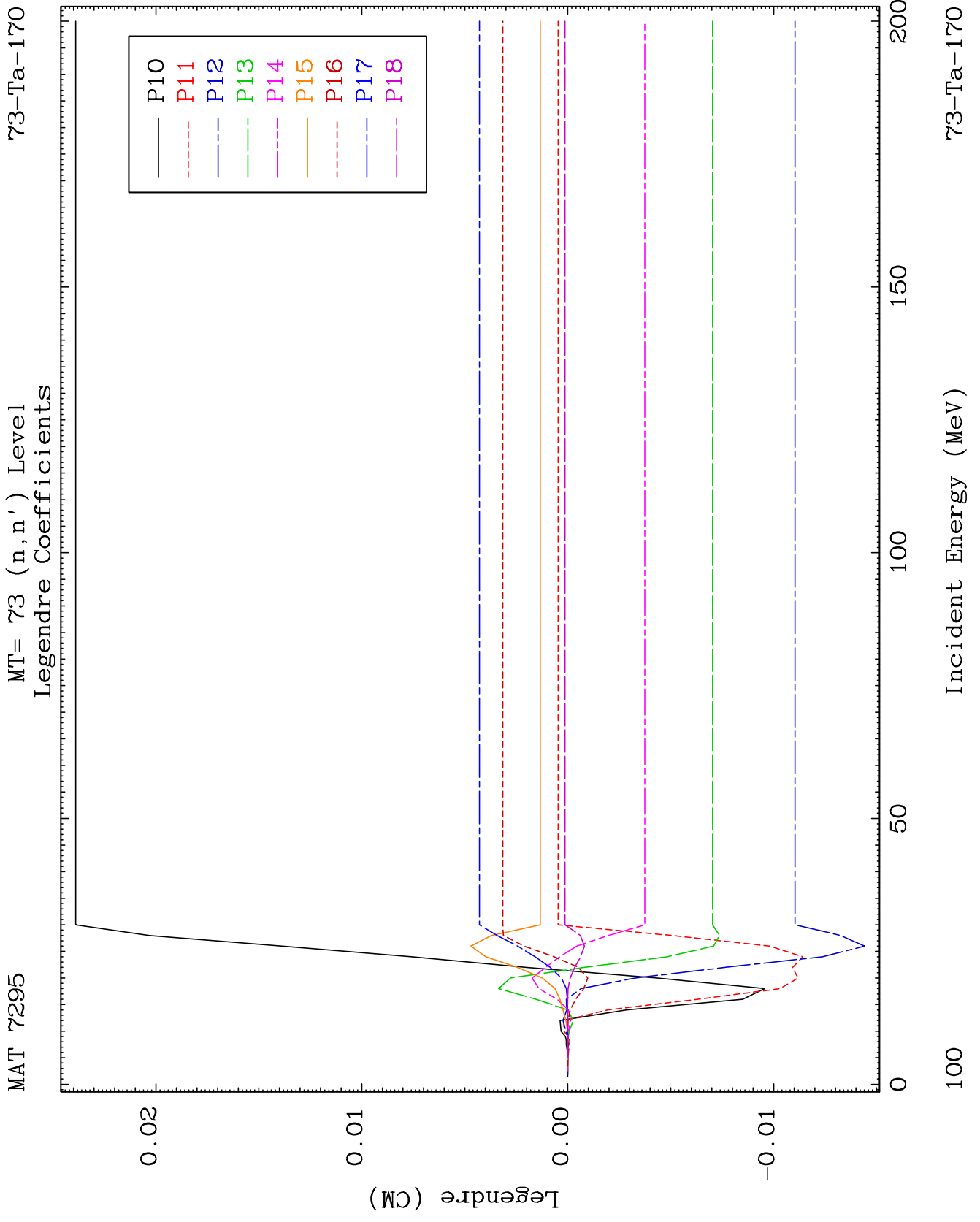


97

73-Ta-170



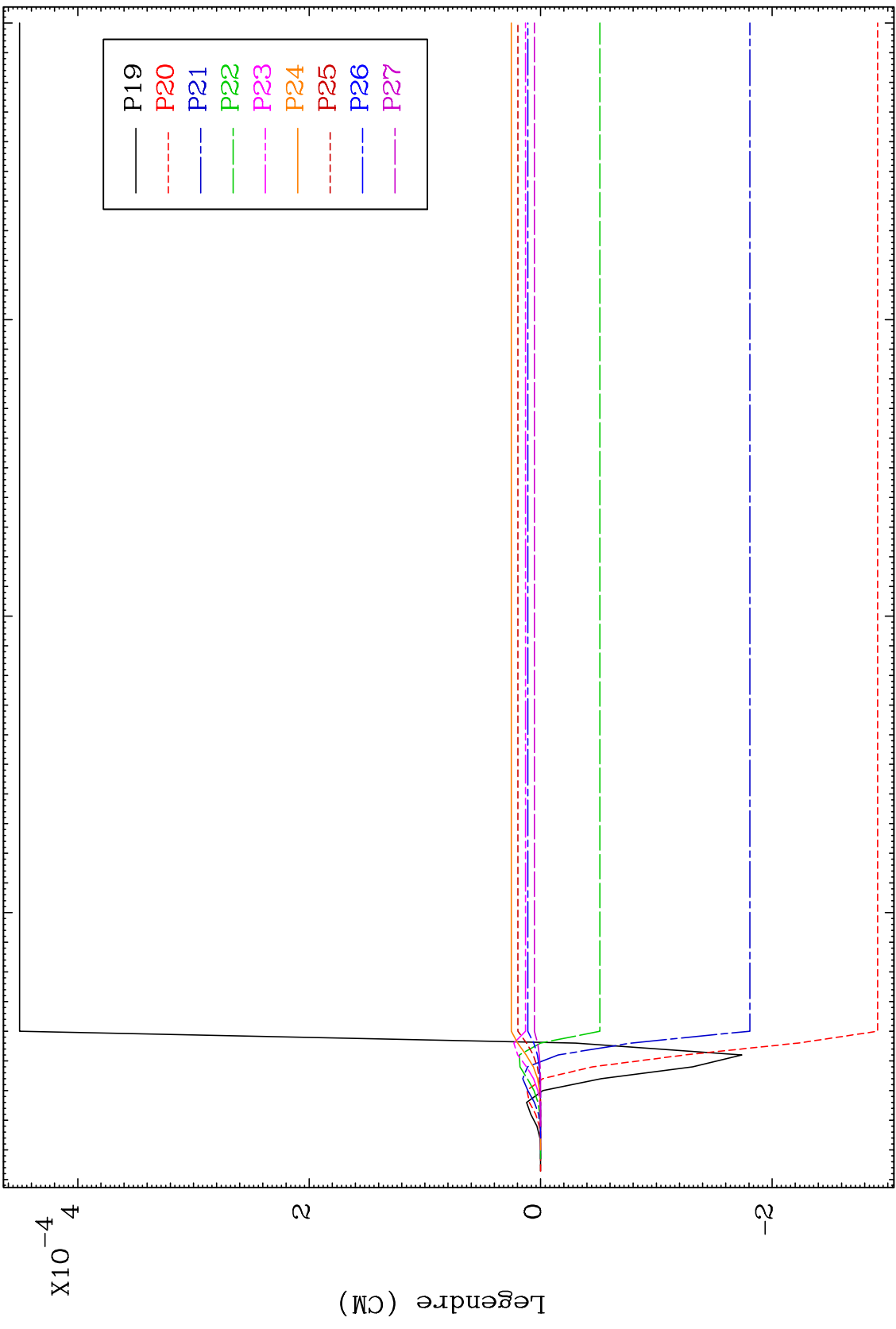




MAT 7295

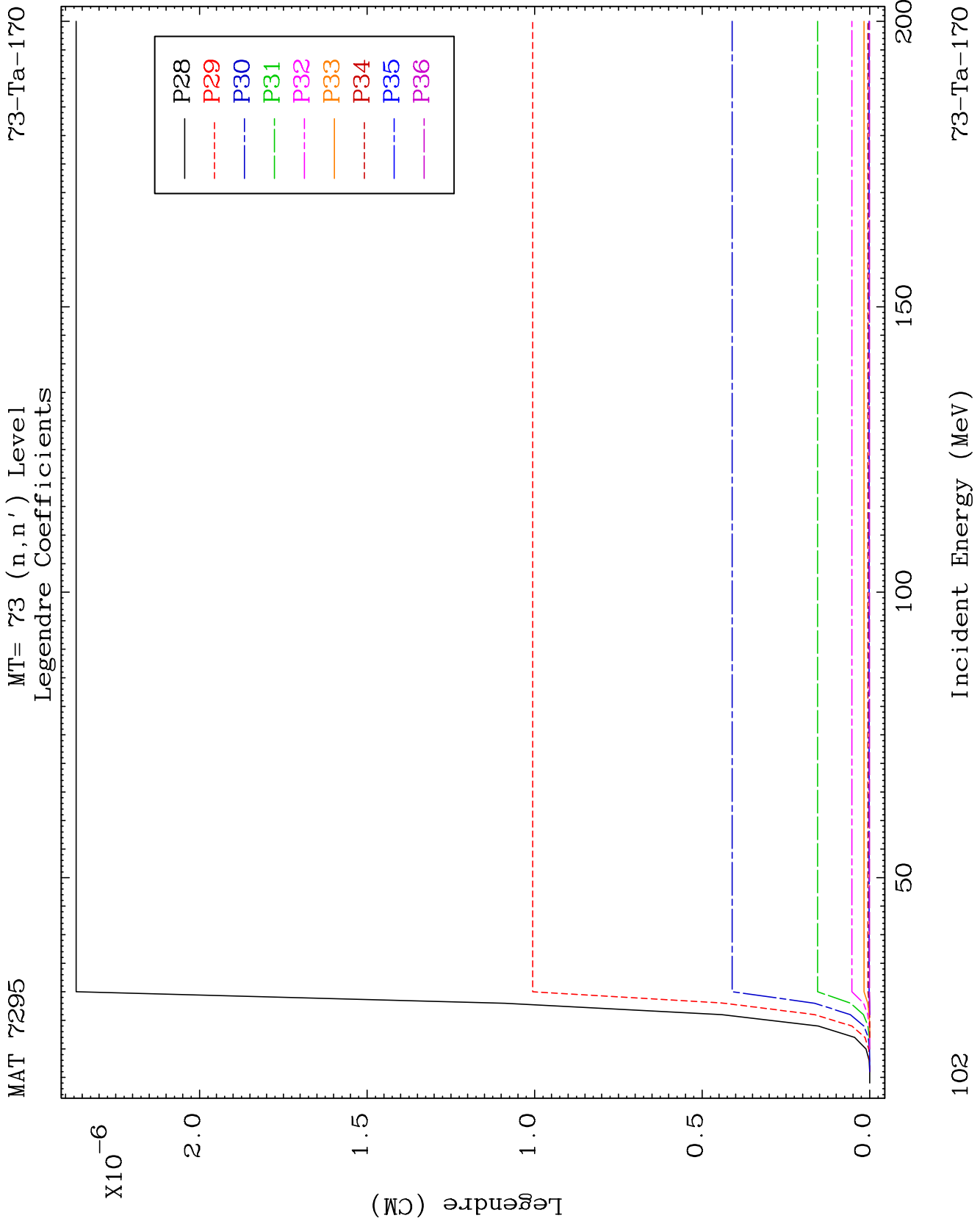
MT= 73 (n,n') Level
Legendre Coefficients

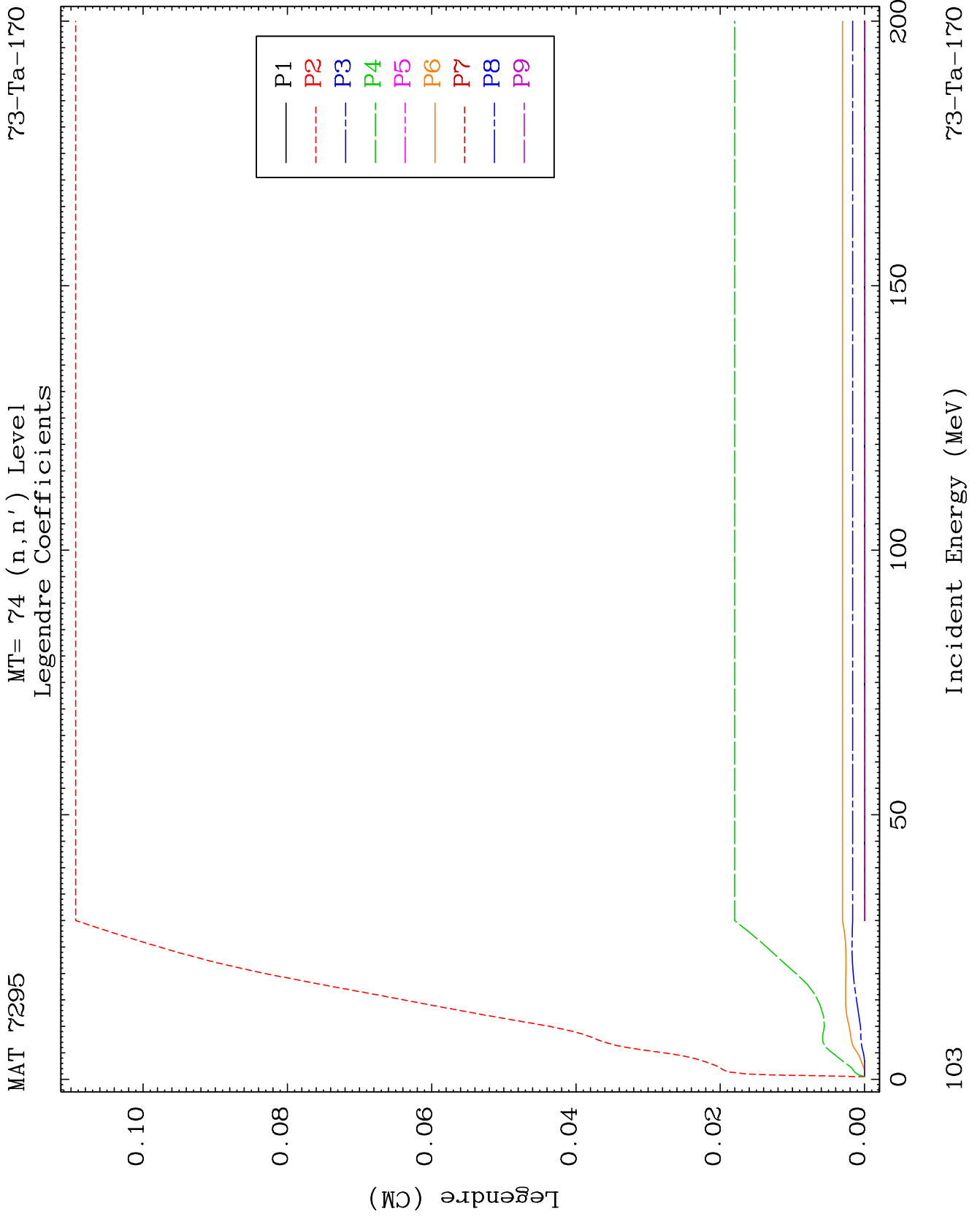
73-Ta-170



101

73-Ta-170

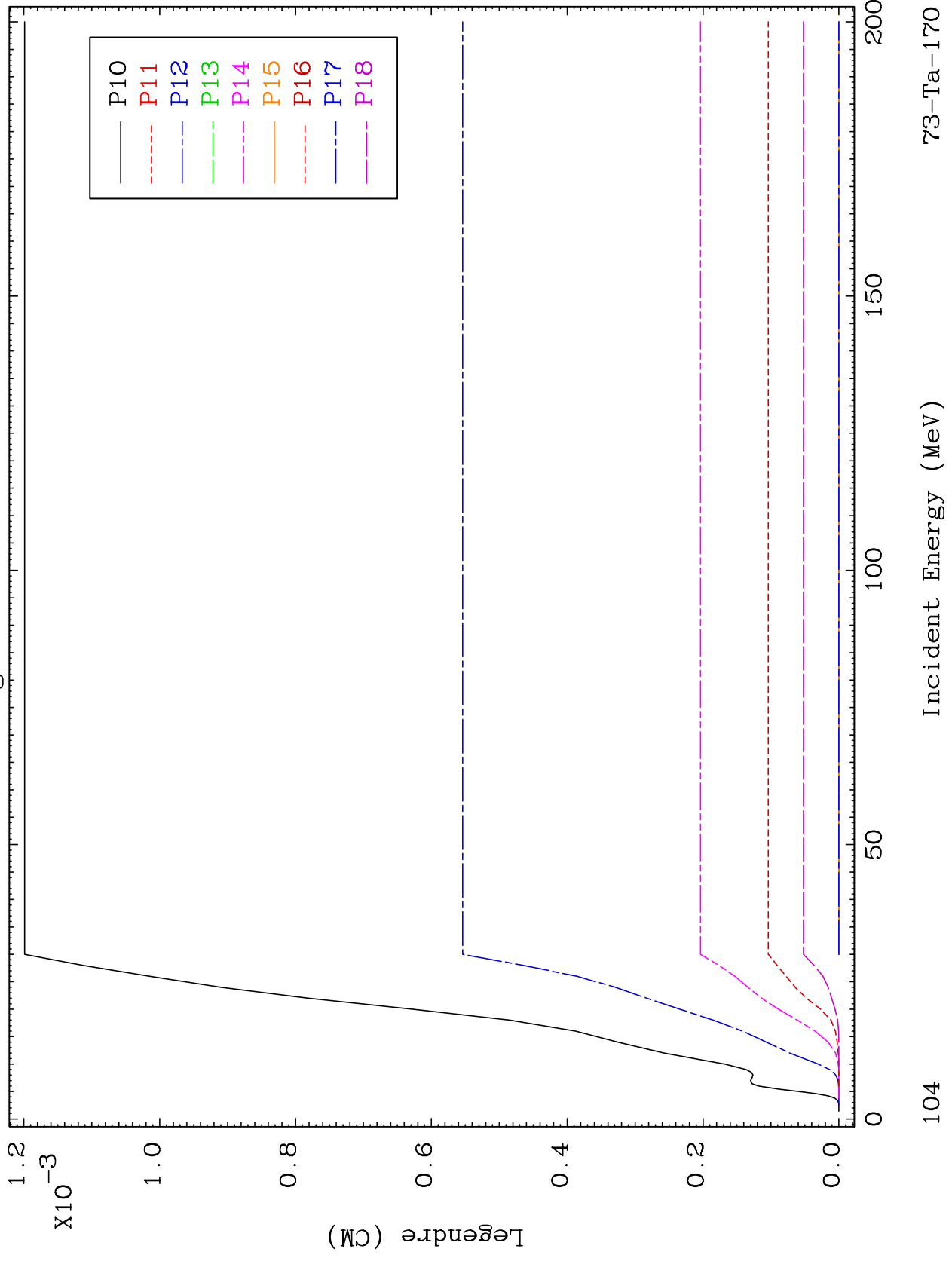




MAT 7295

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

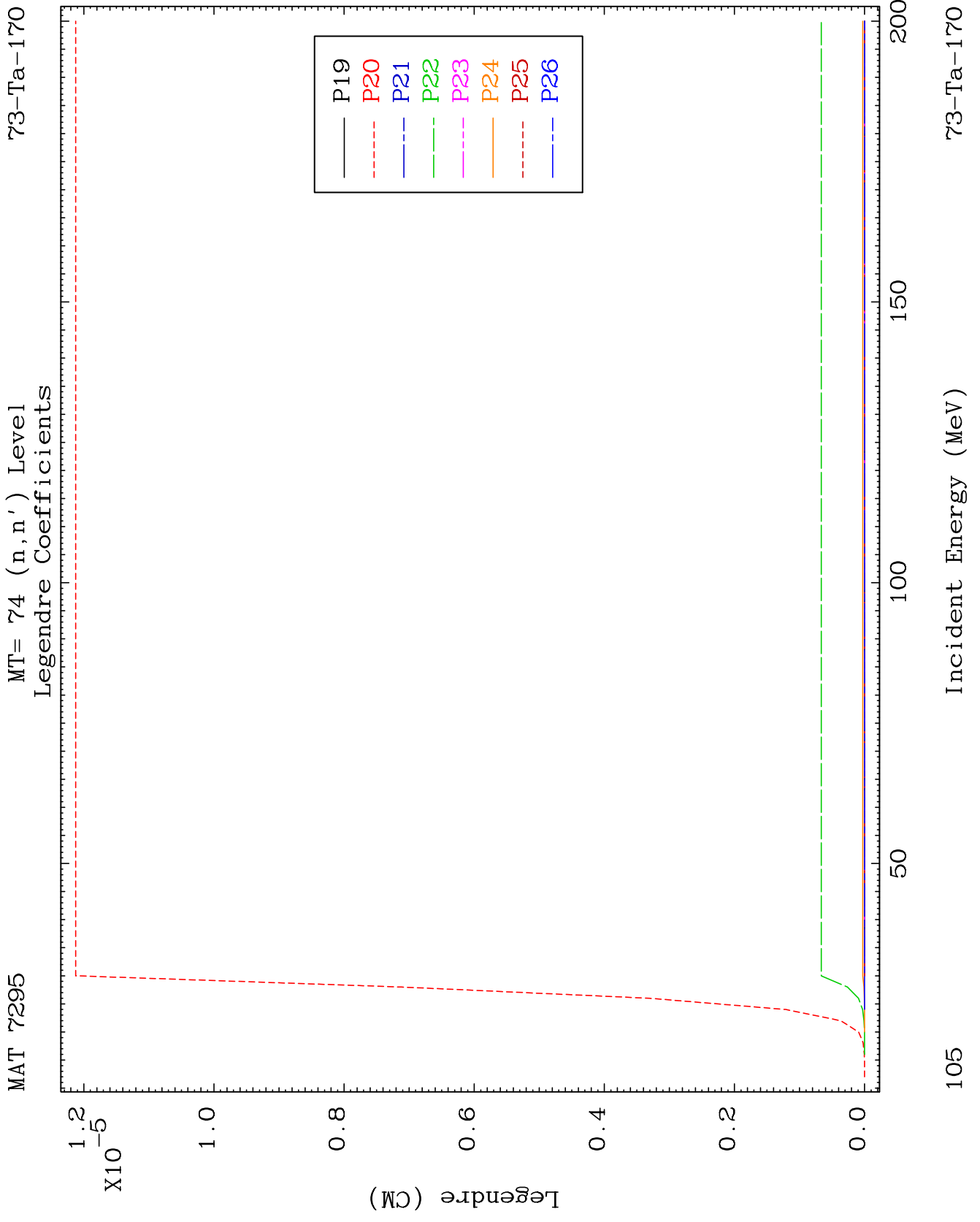
73-Ta-170

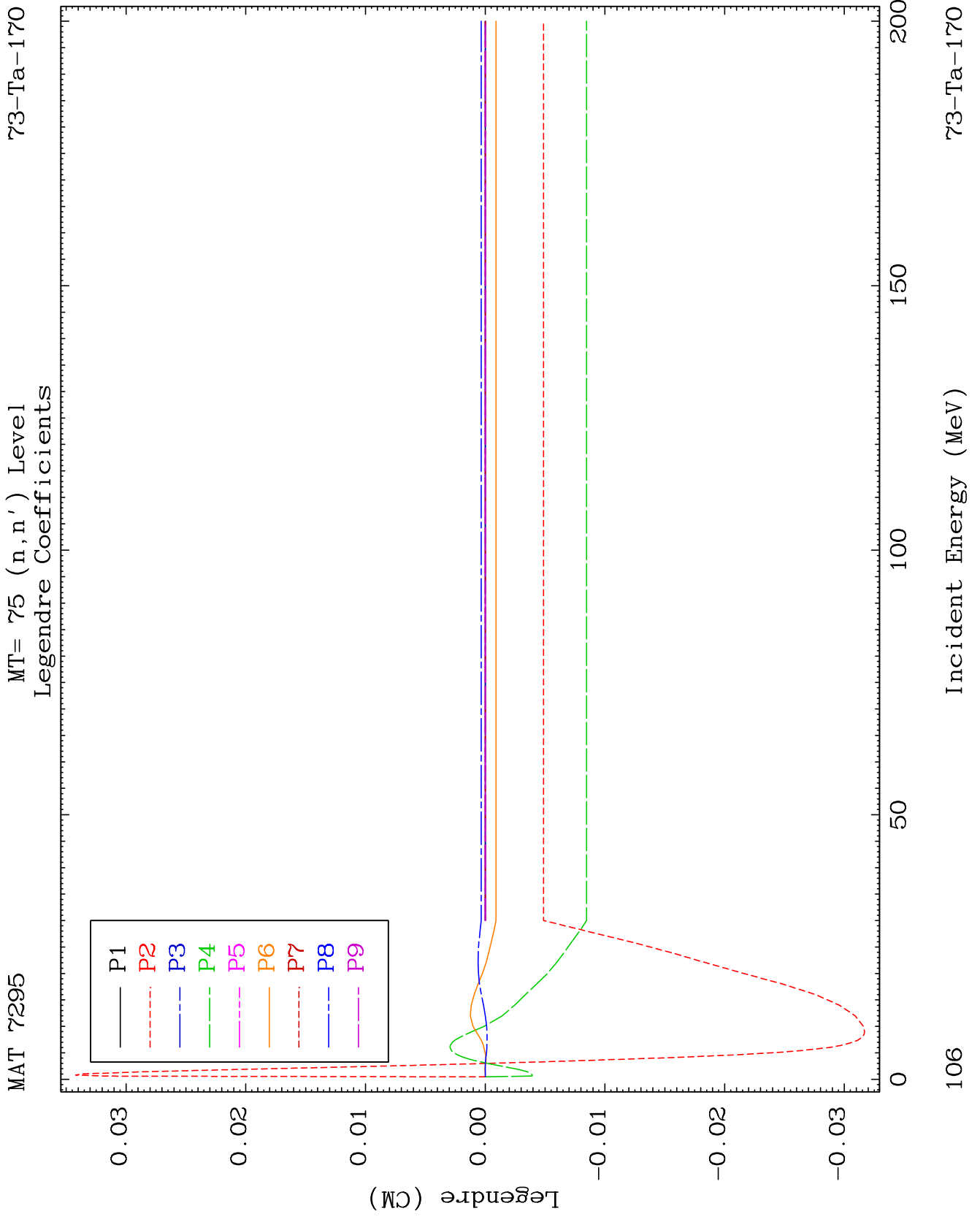


104

Incident Energy (MeV)

73-Ta-170

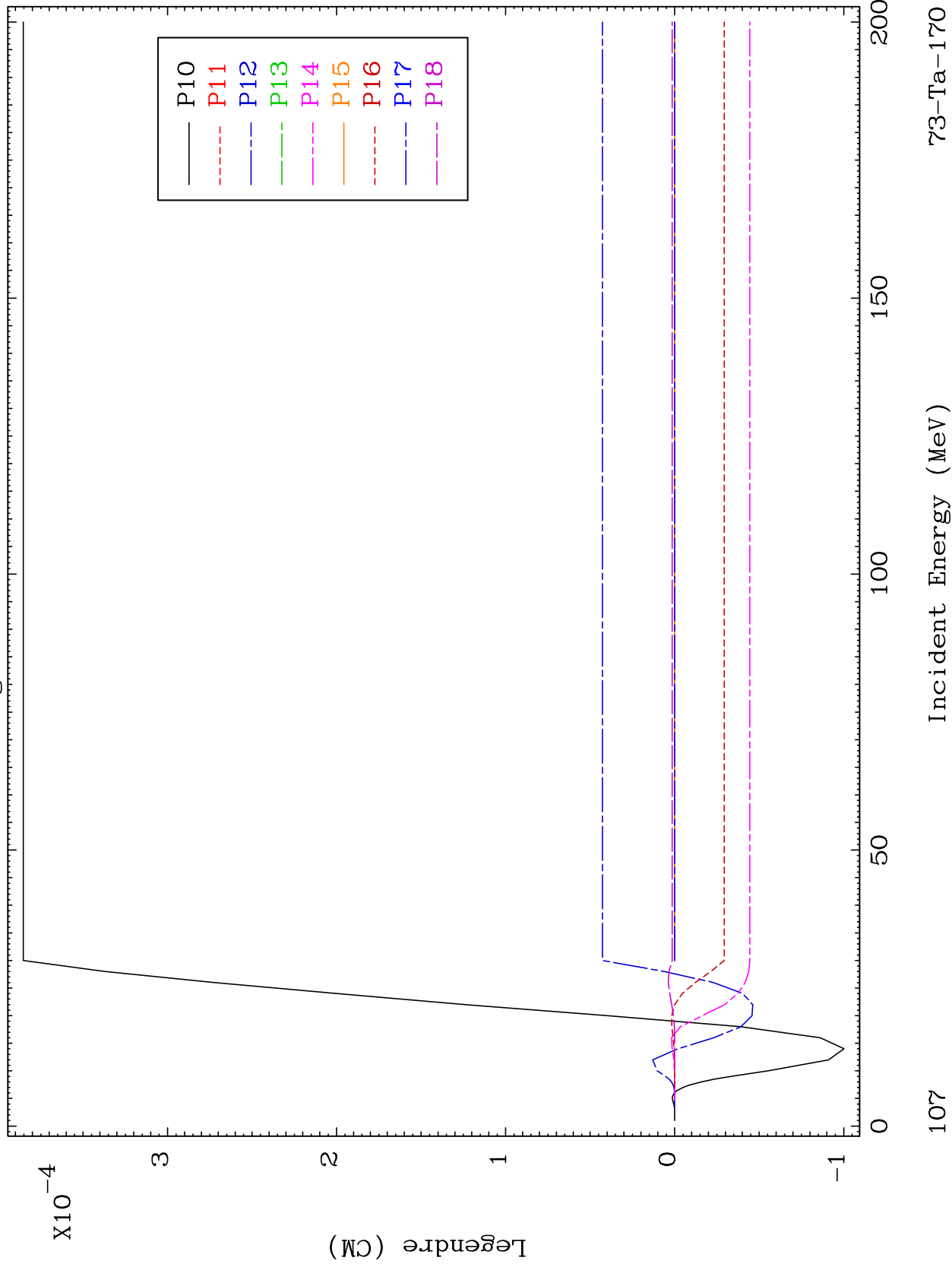




MAT 7295

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

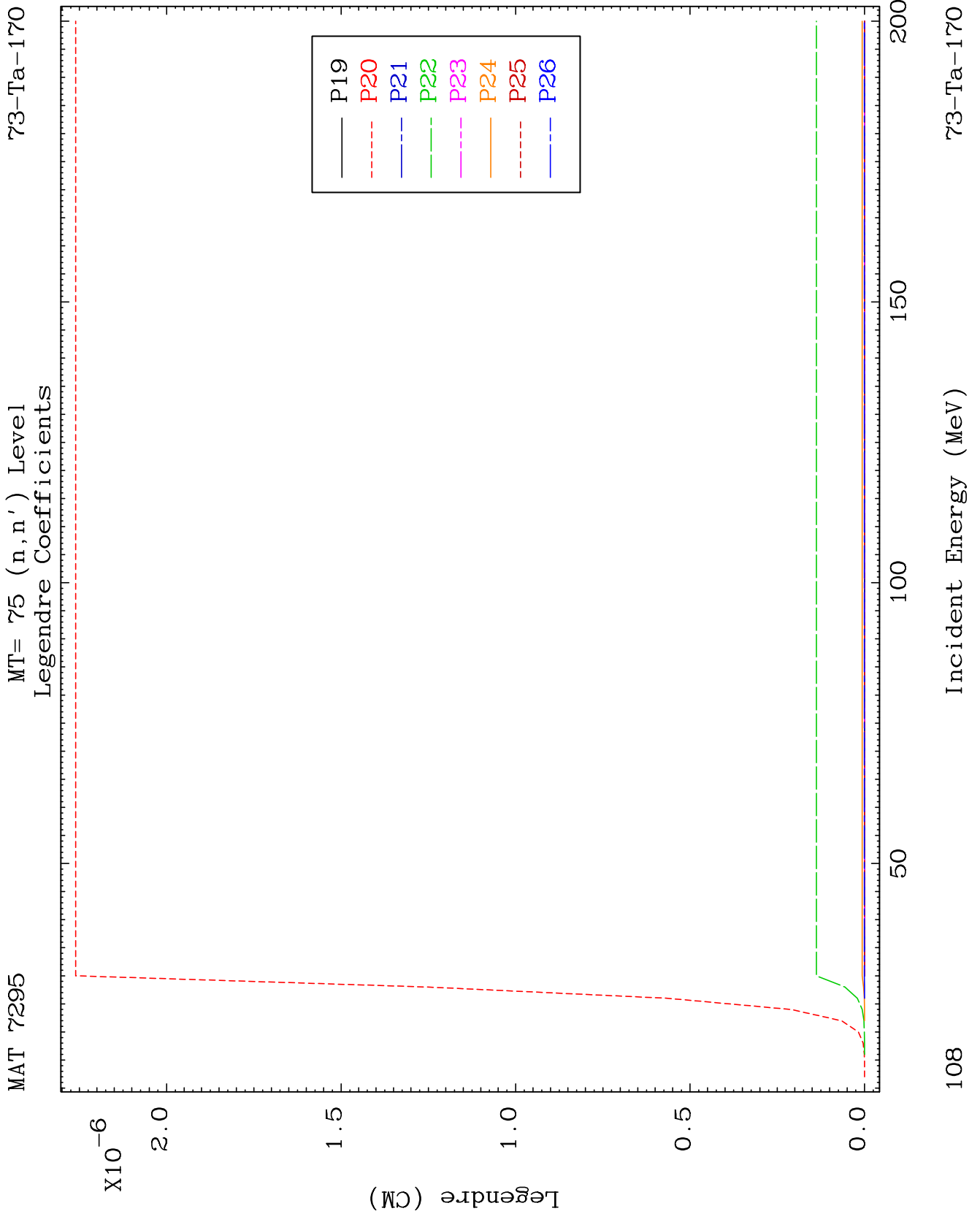
73-Ta-170

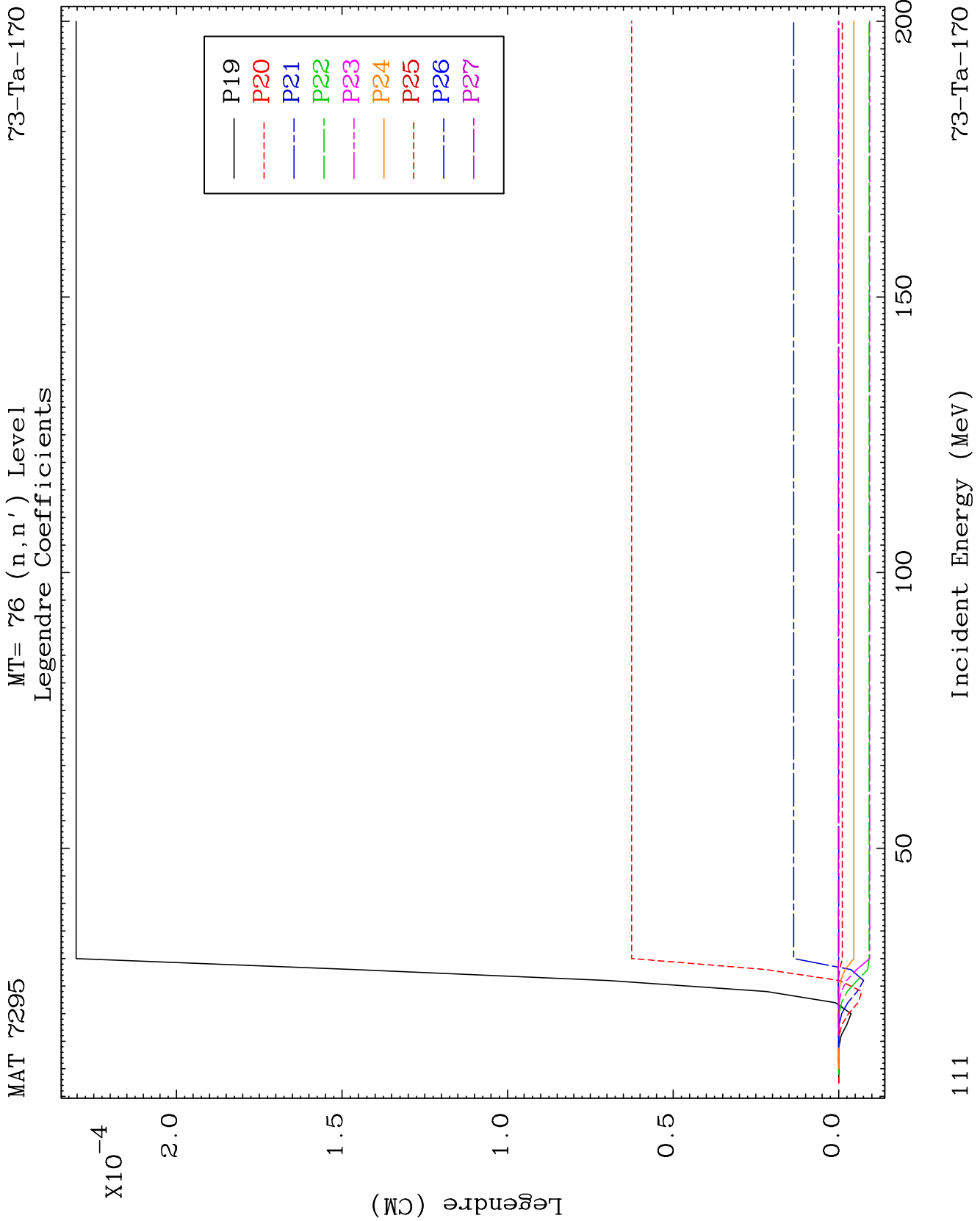


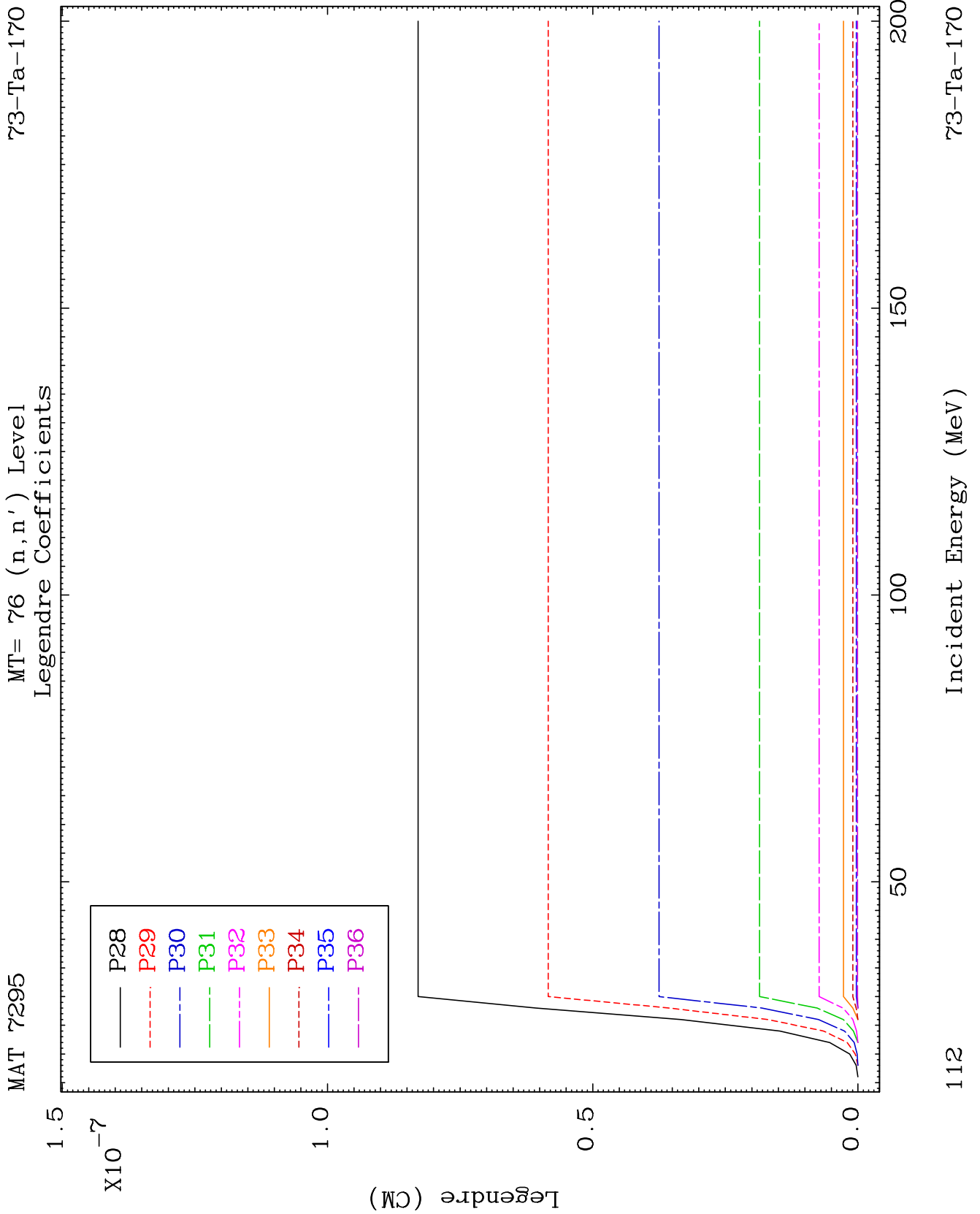
73-Ta-170

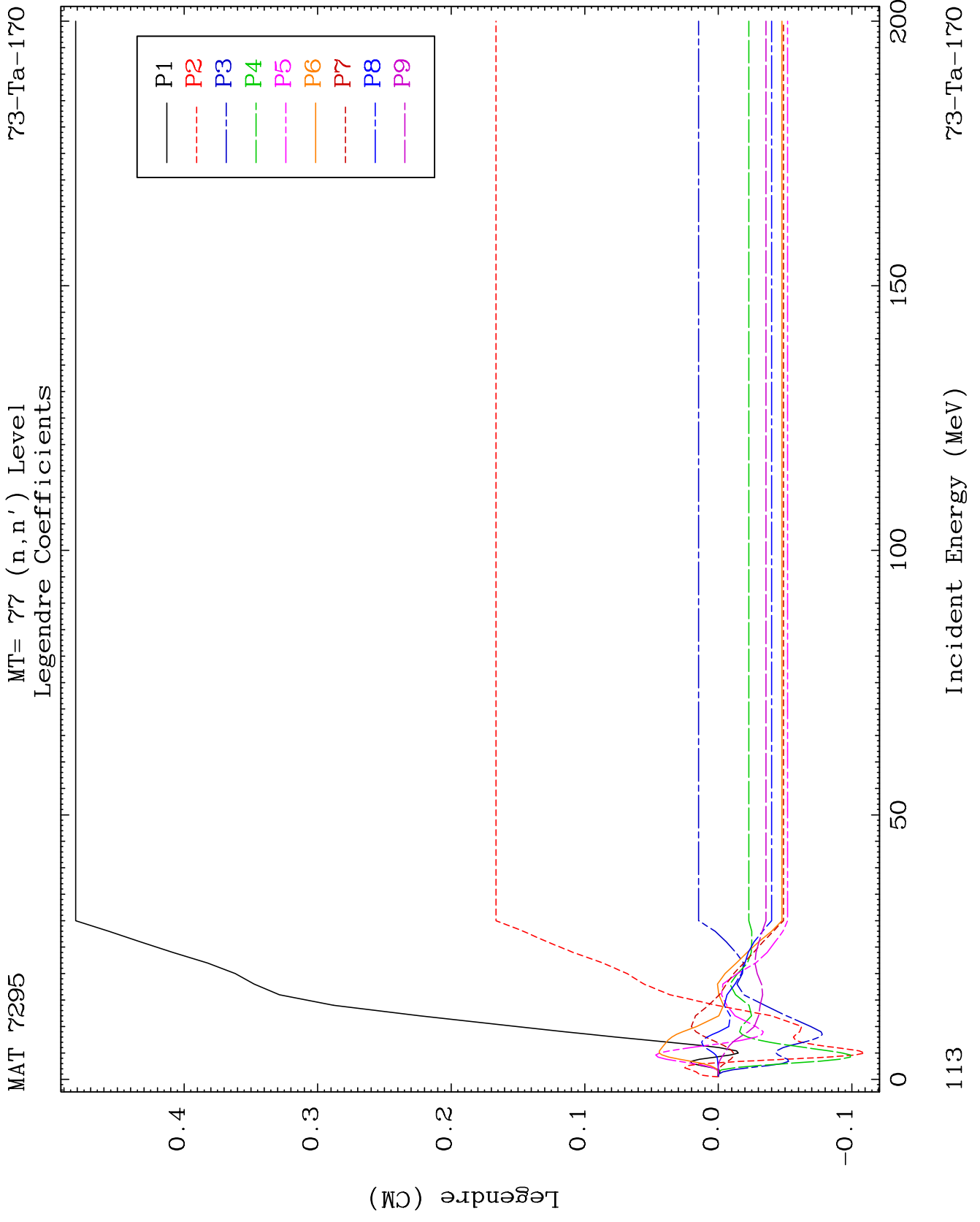
Incident Energy (MeV)

107





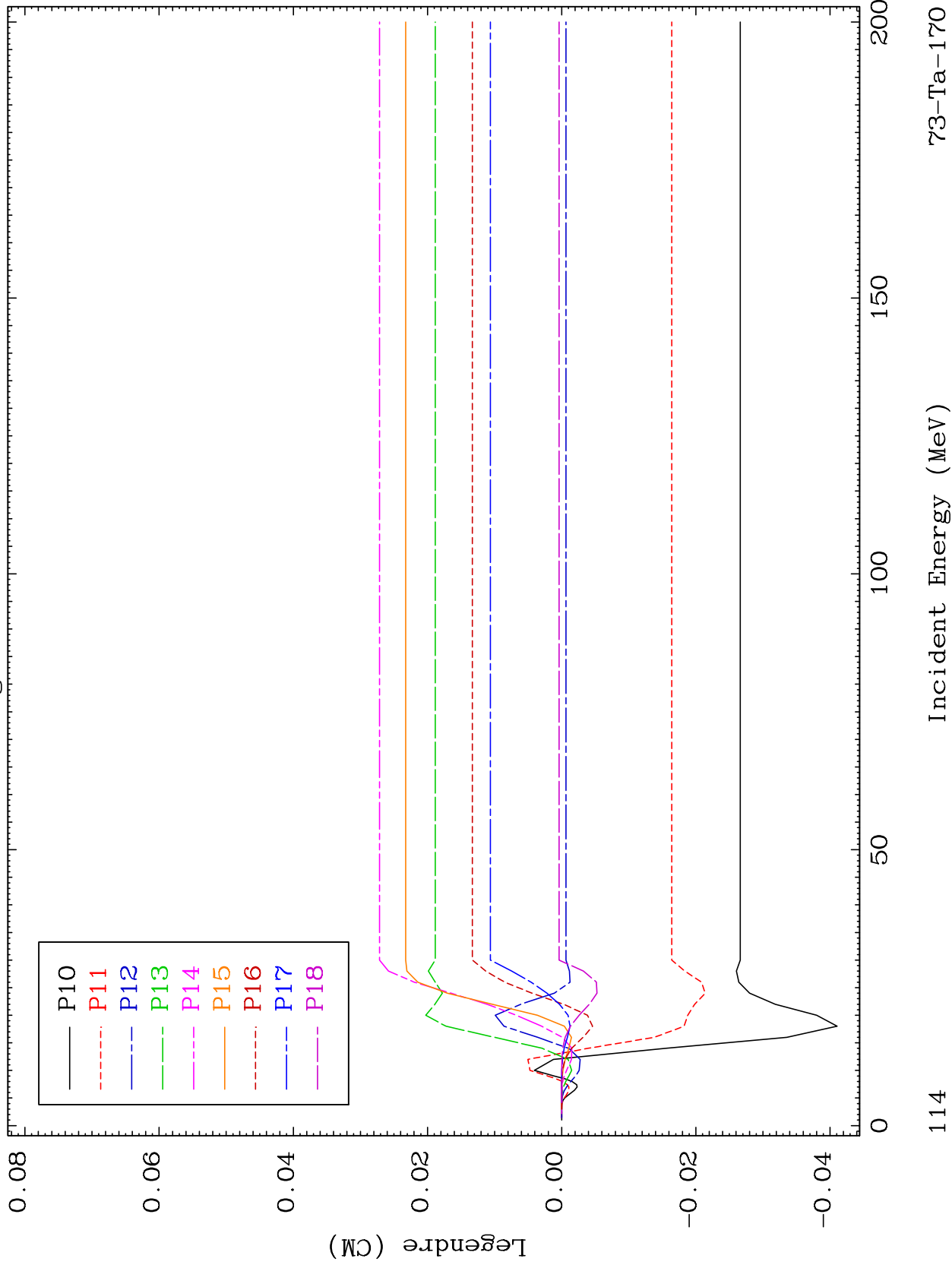




MAT 7295

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

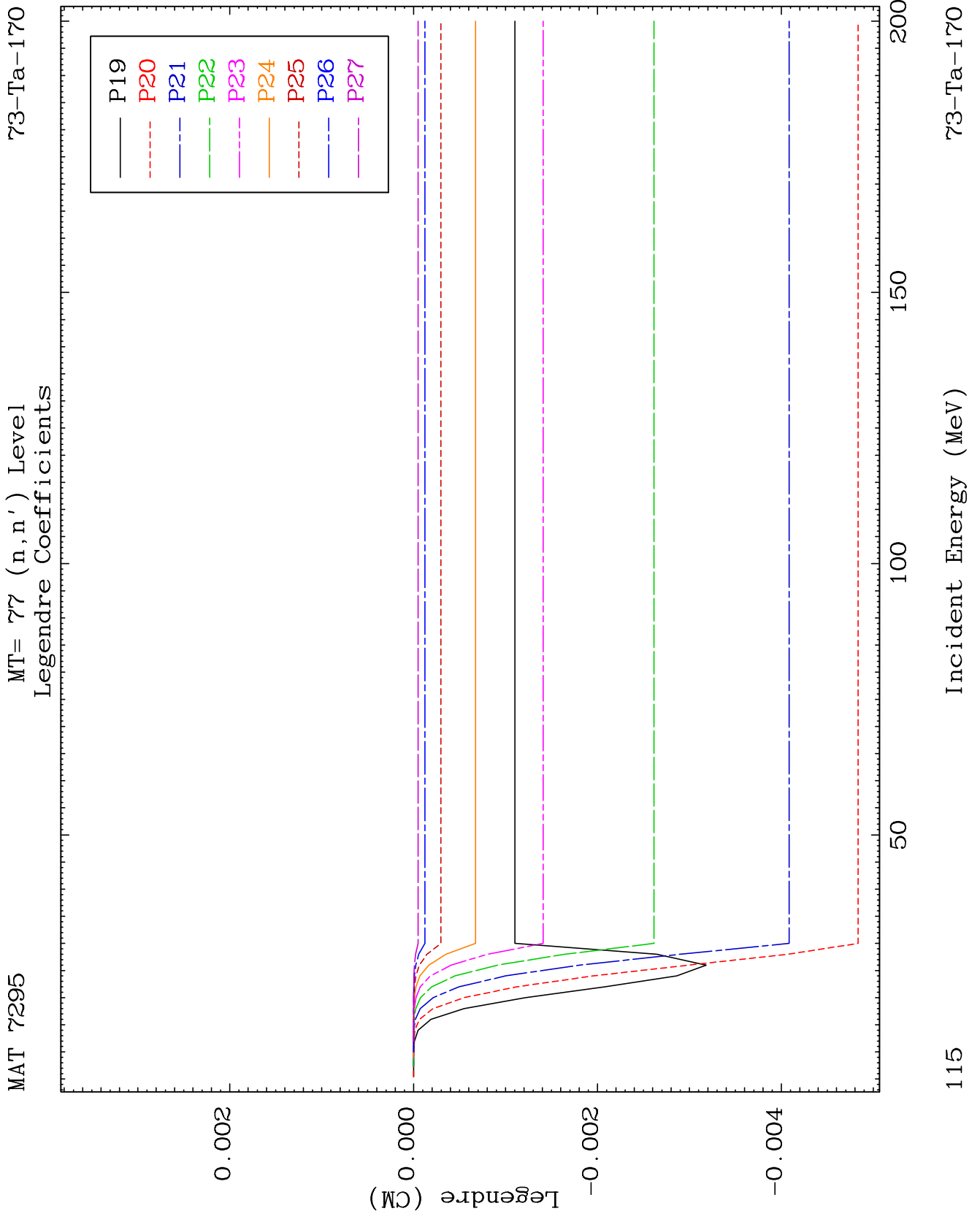
73-Ta-170

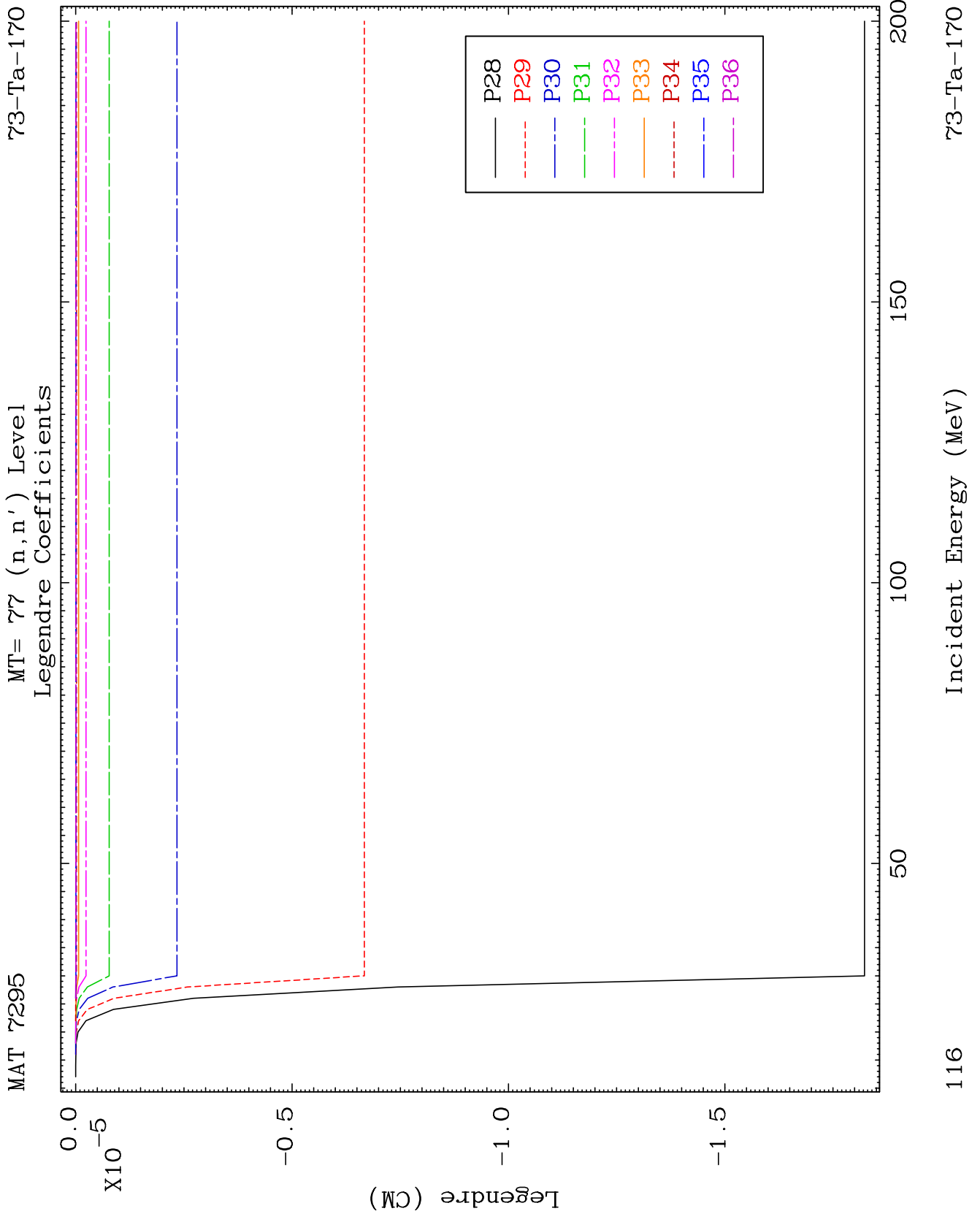


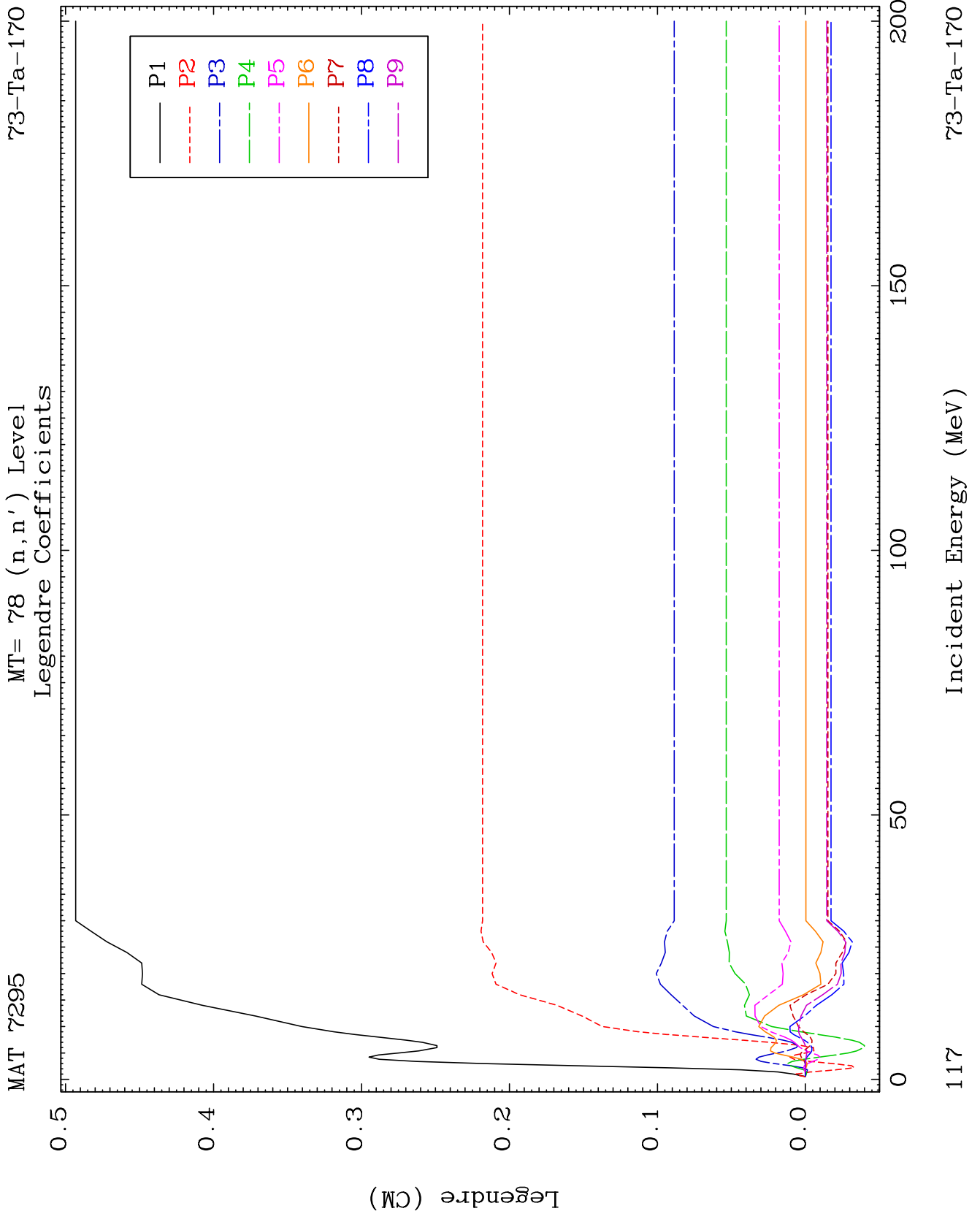
114

Incident Energy (MeV)

73-Ta-170



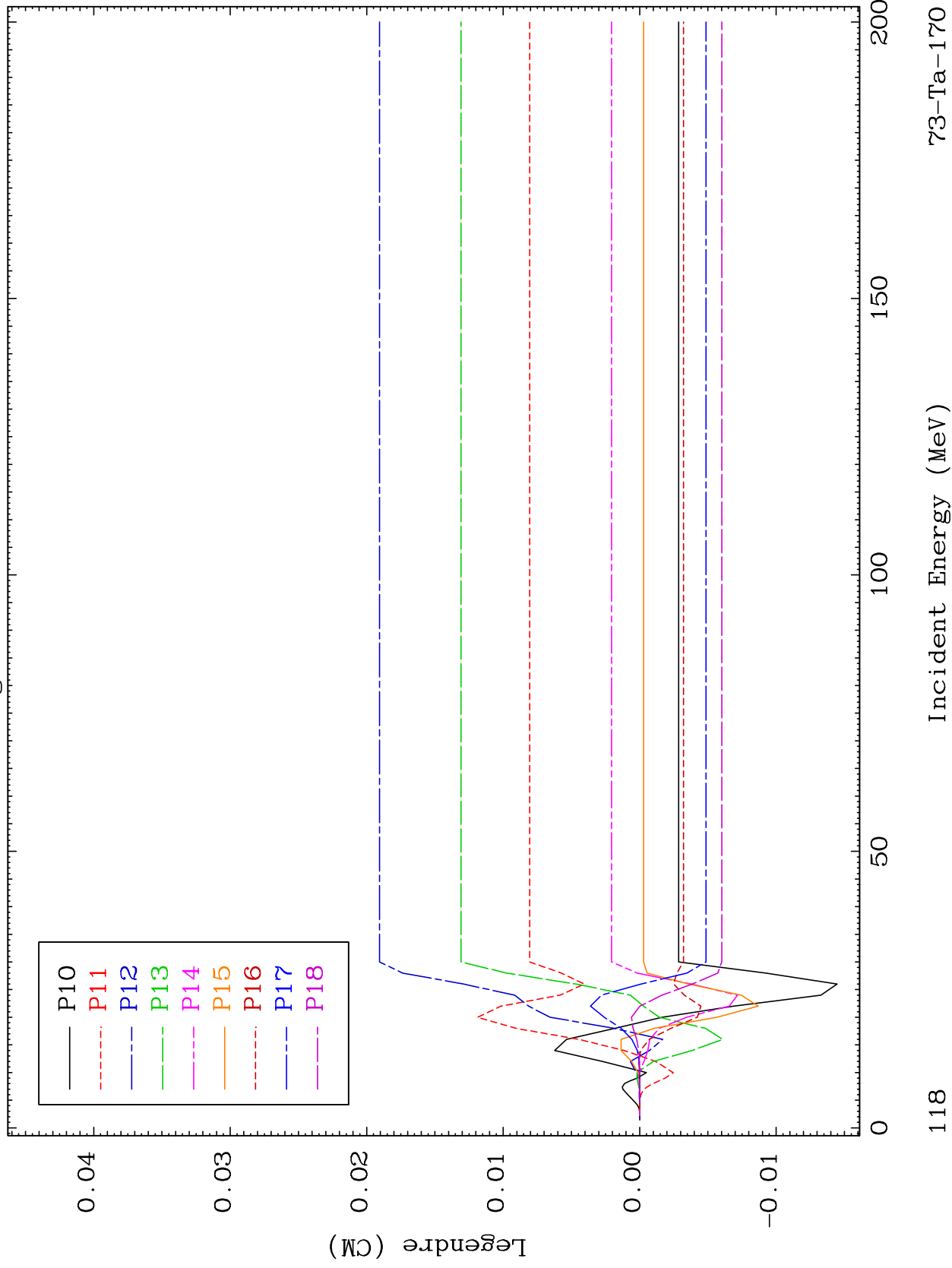




MAT 7295

MT= 78 (n,n') Level
Legendre Coefficients

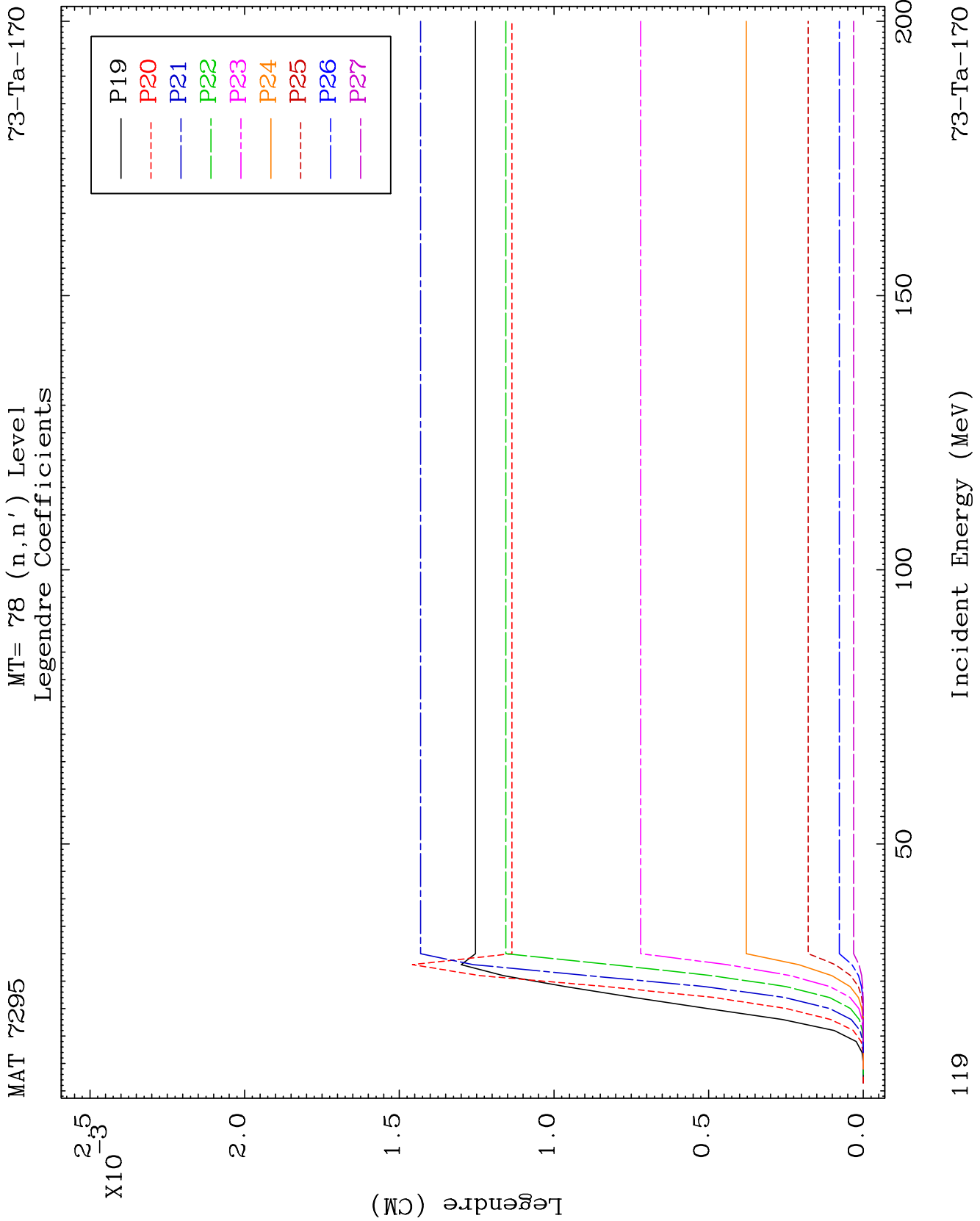
73-Ta-170

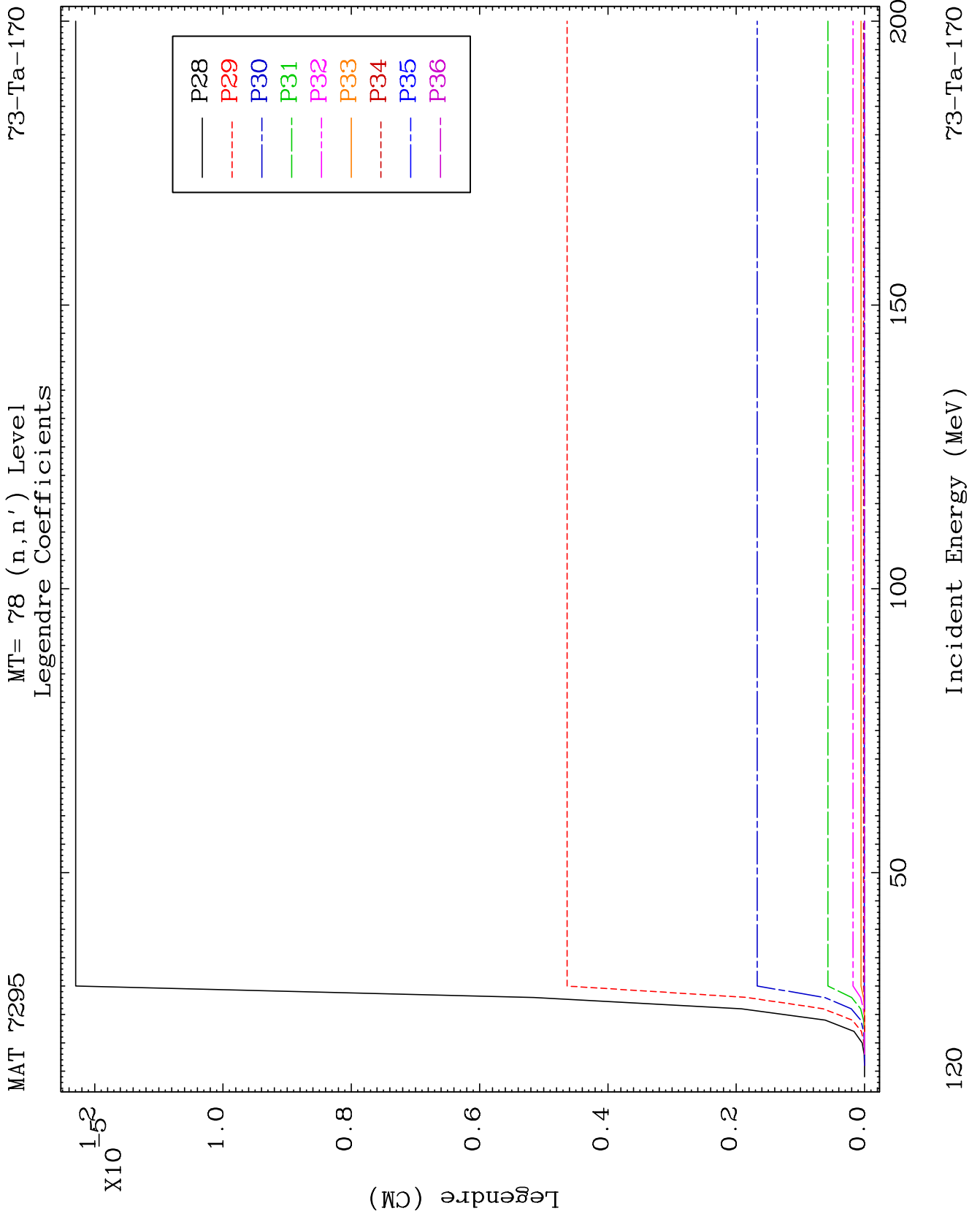


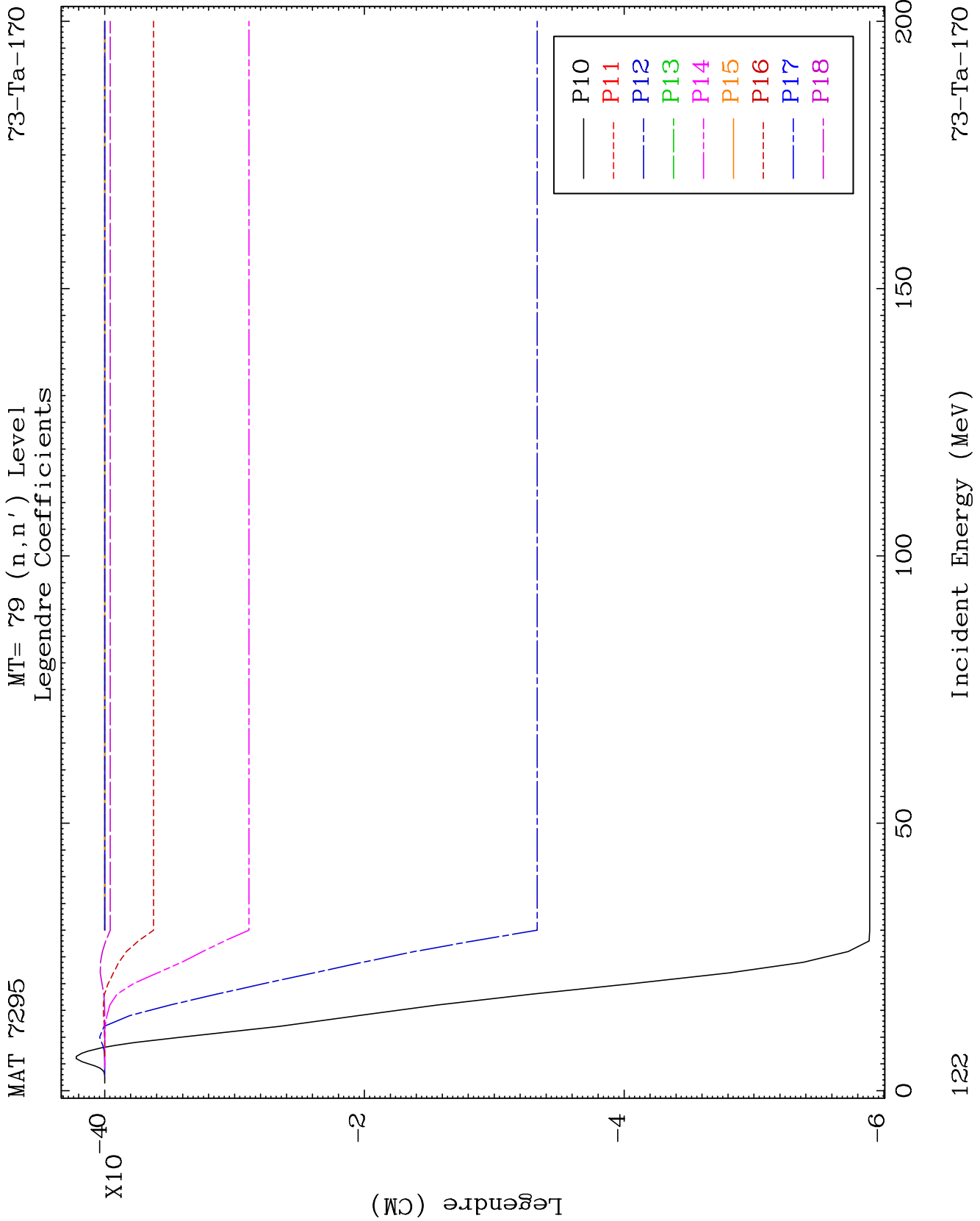
118

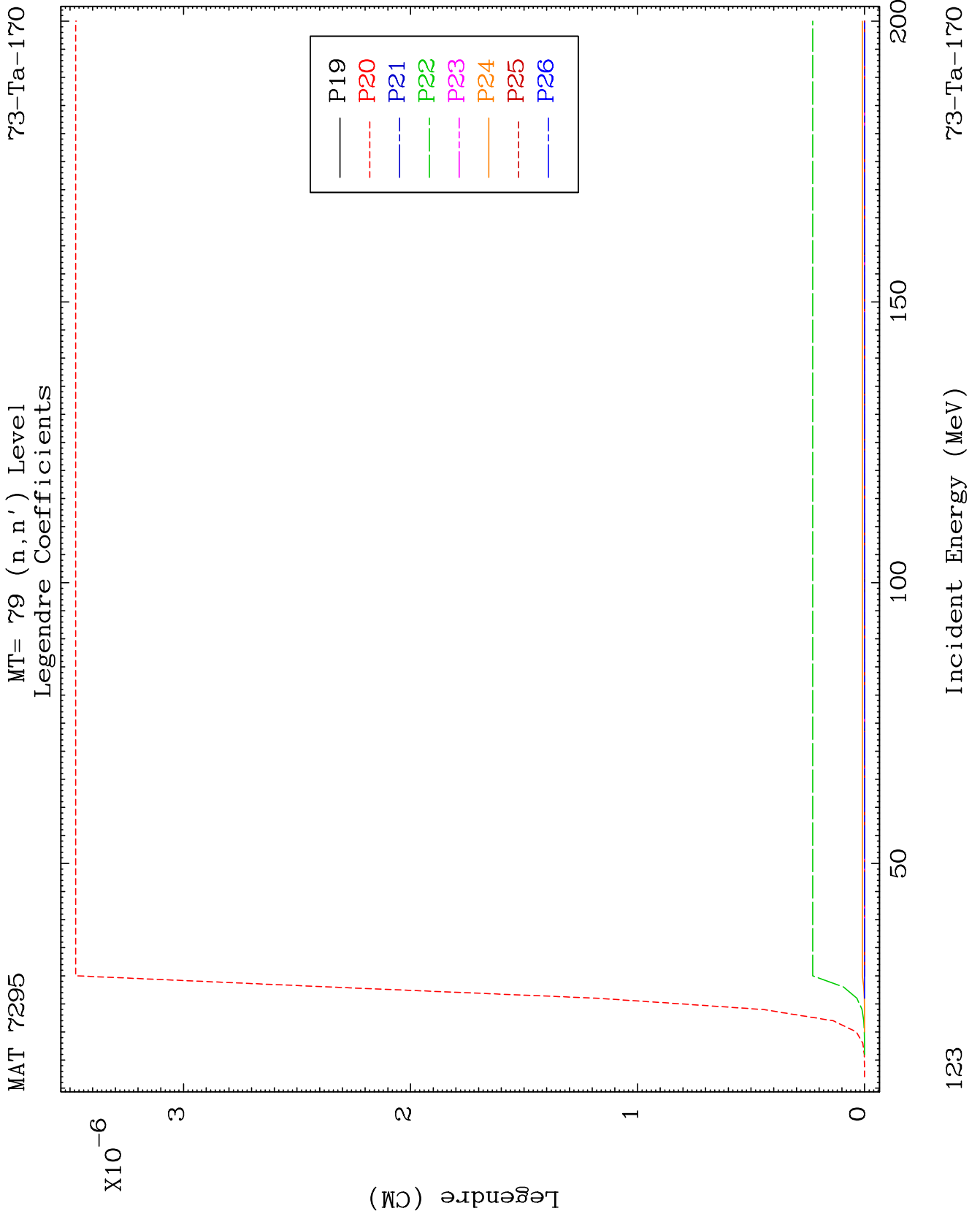
Incident Energy (MeV)

73-Ta-170







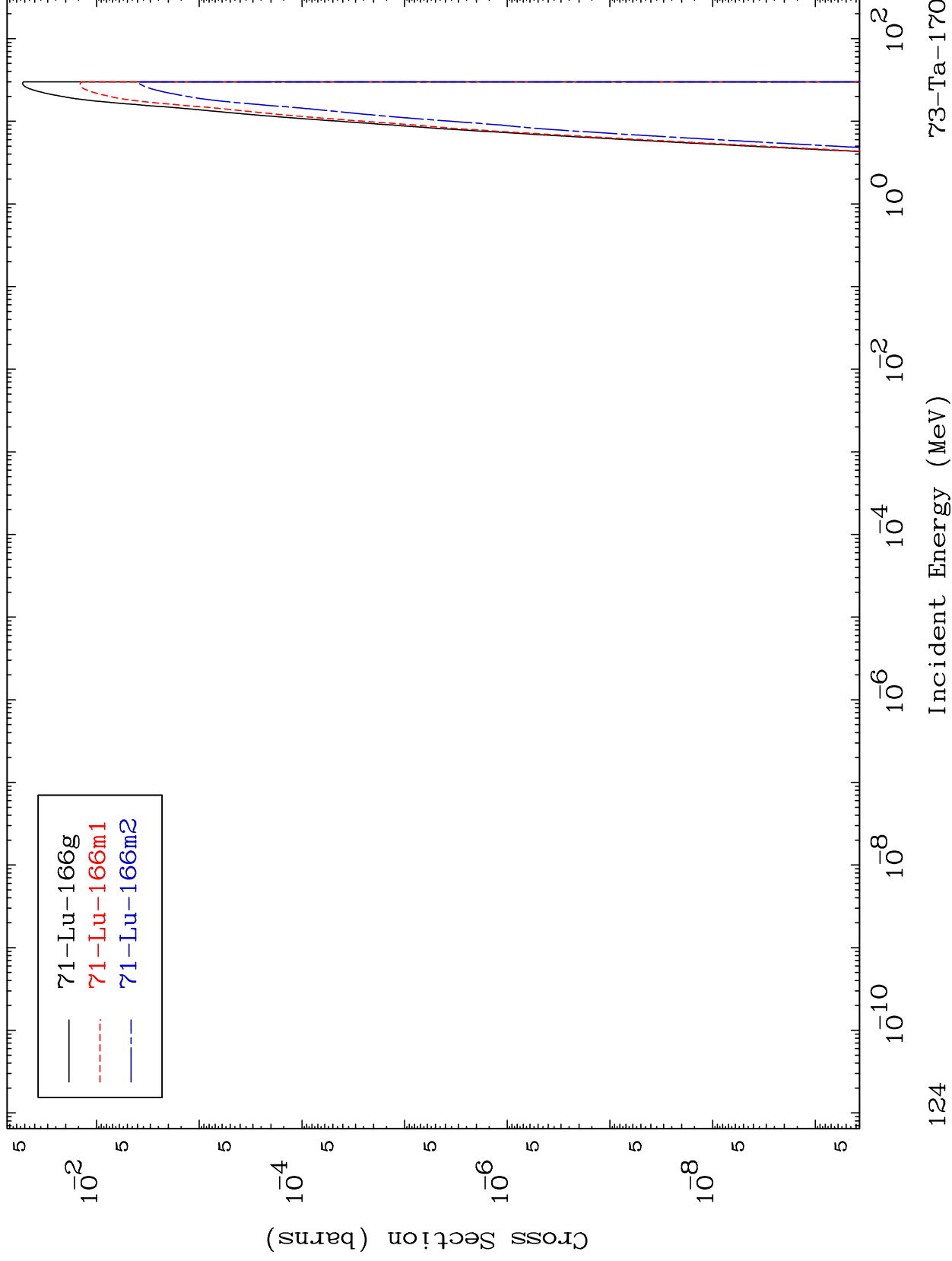


MAT 7295

$(n, n') \alpha$

73-Ta-170

Radionuclide Production Cross Section



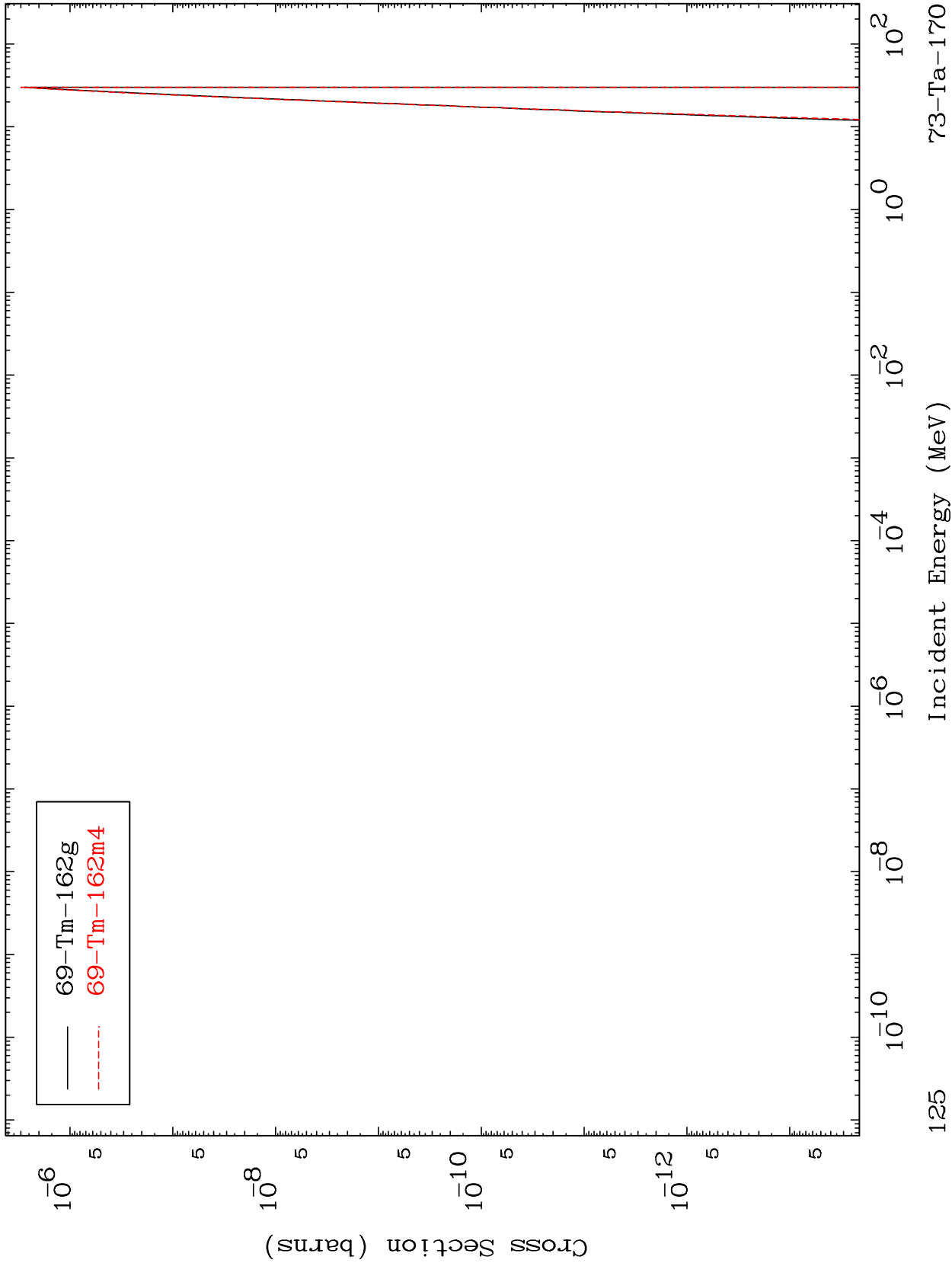
71-Lu-166g
71-Lu-166m1
71-Lu-166m2

MAT 7295

(n,n') 2α

73-Ta-170

Radionuclide Production Cross Section

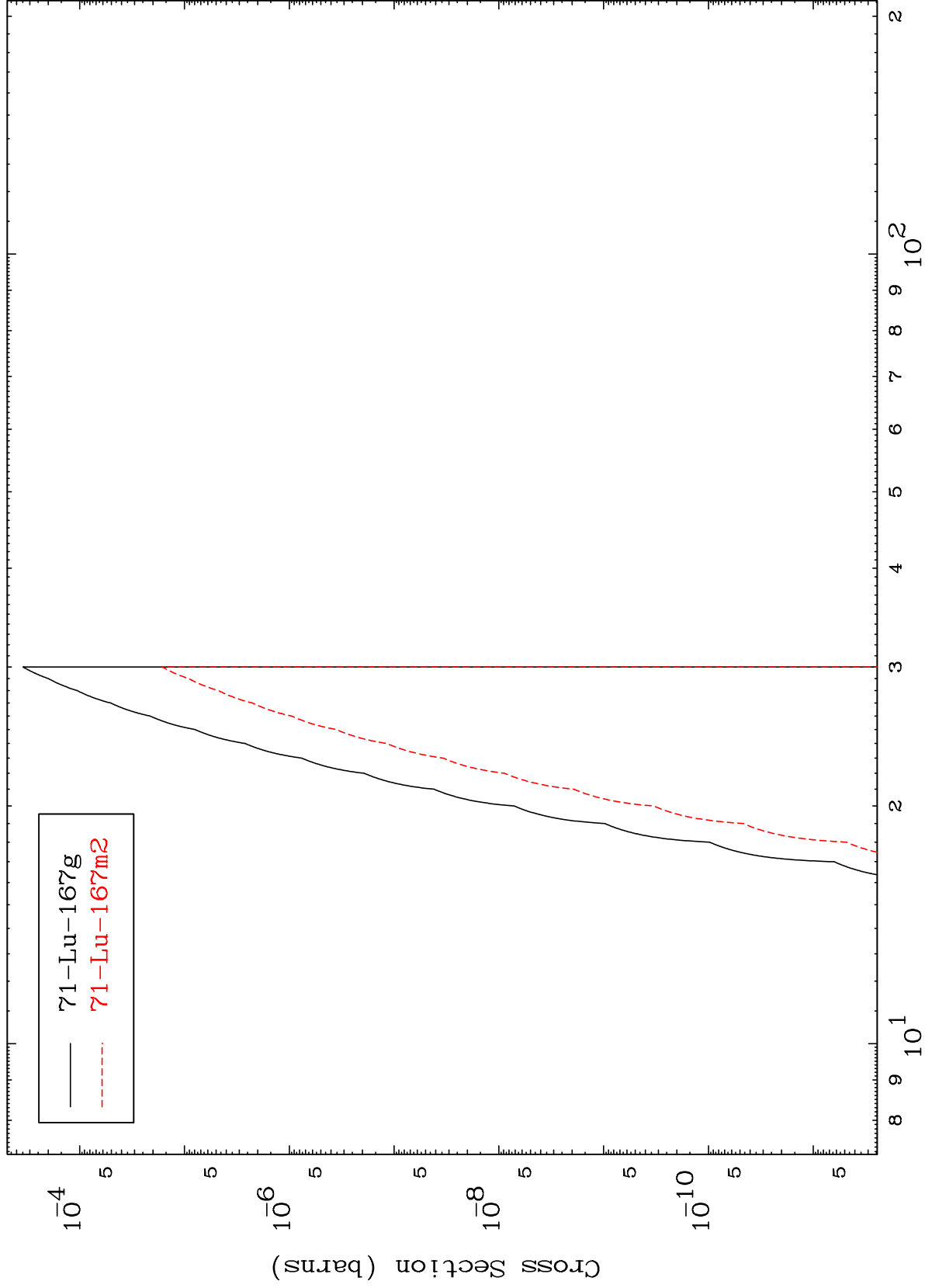


MAT 7295

(n,n') He-3

73-Ta-170

Radionuclide Production Cross Section



126

Incident Energy (MeV)

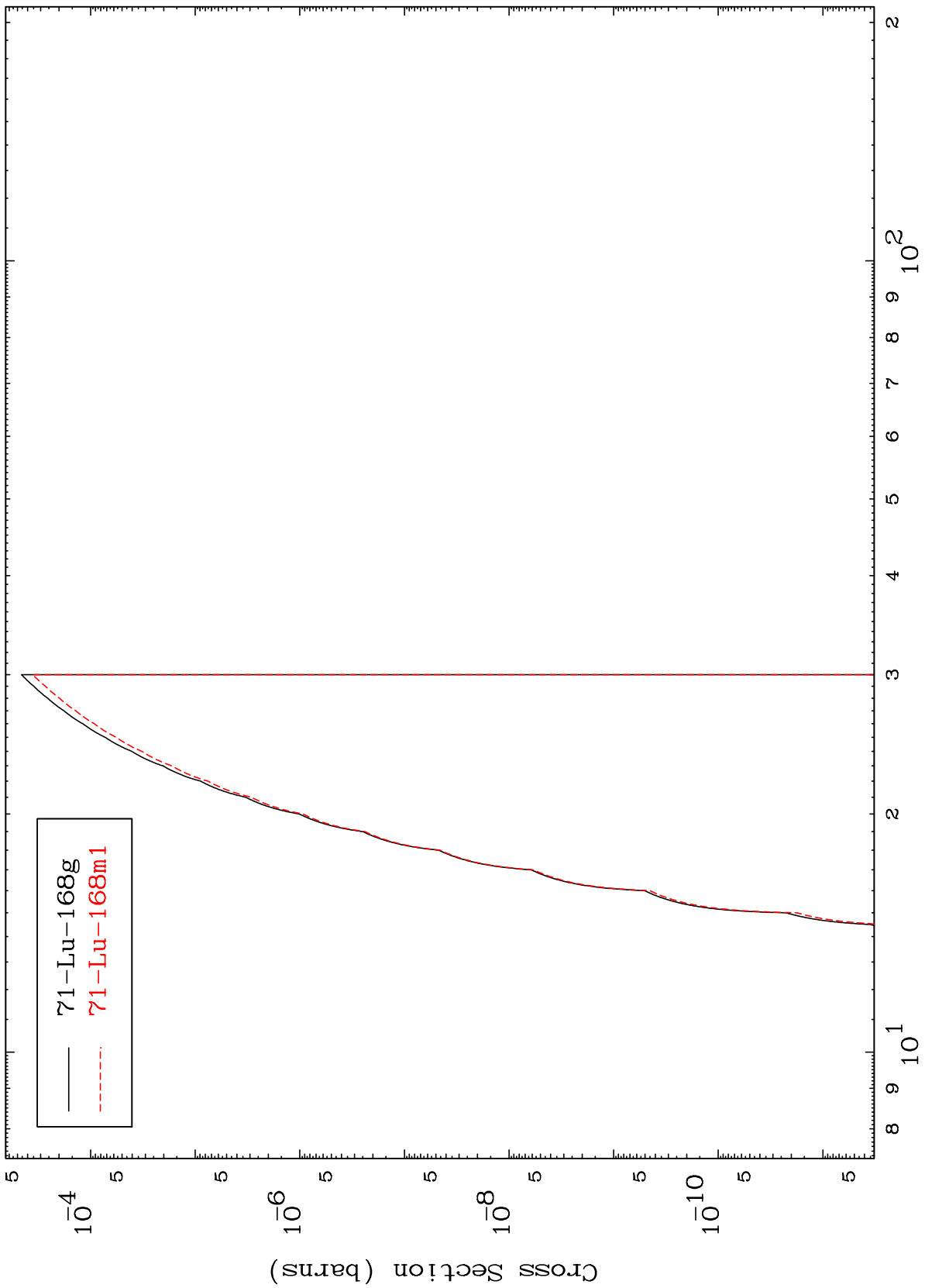
73-Ta-170

MAT 7295

(n,2n) p

73-Ta-170

Radionuclide Production Cross Section



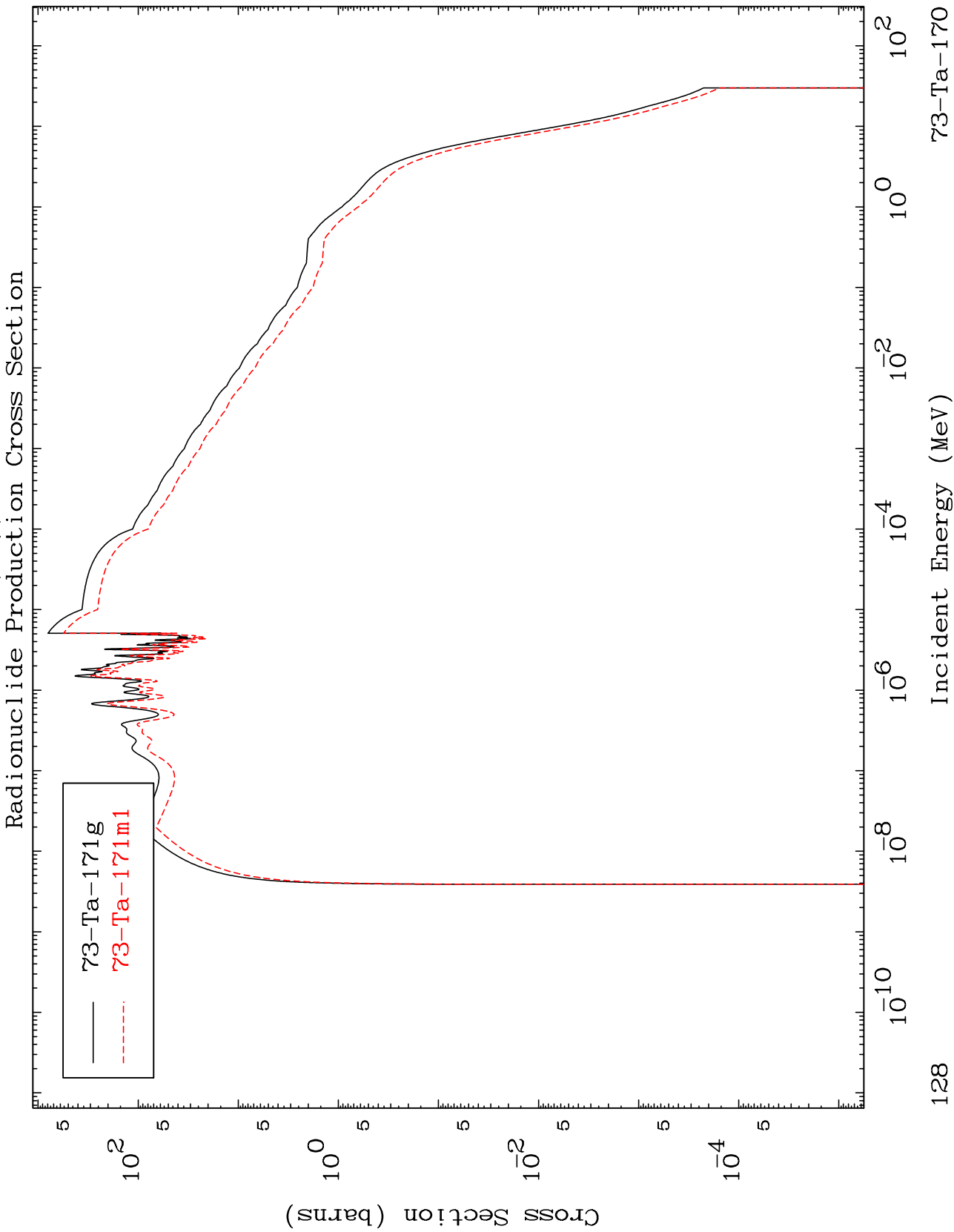
127

Incident Energy (MeV)

73-Ta-170

MAT 7295

$^{73}\text{Ta-170}$

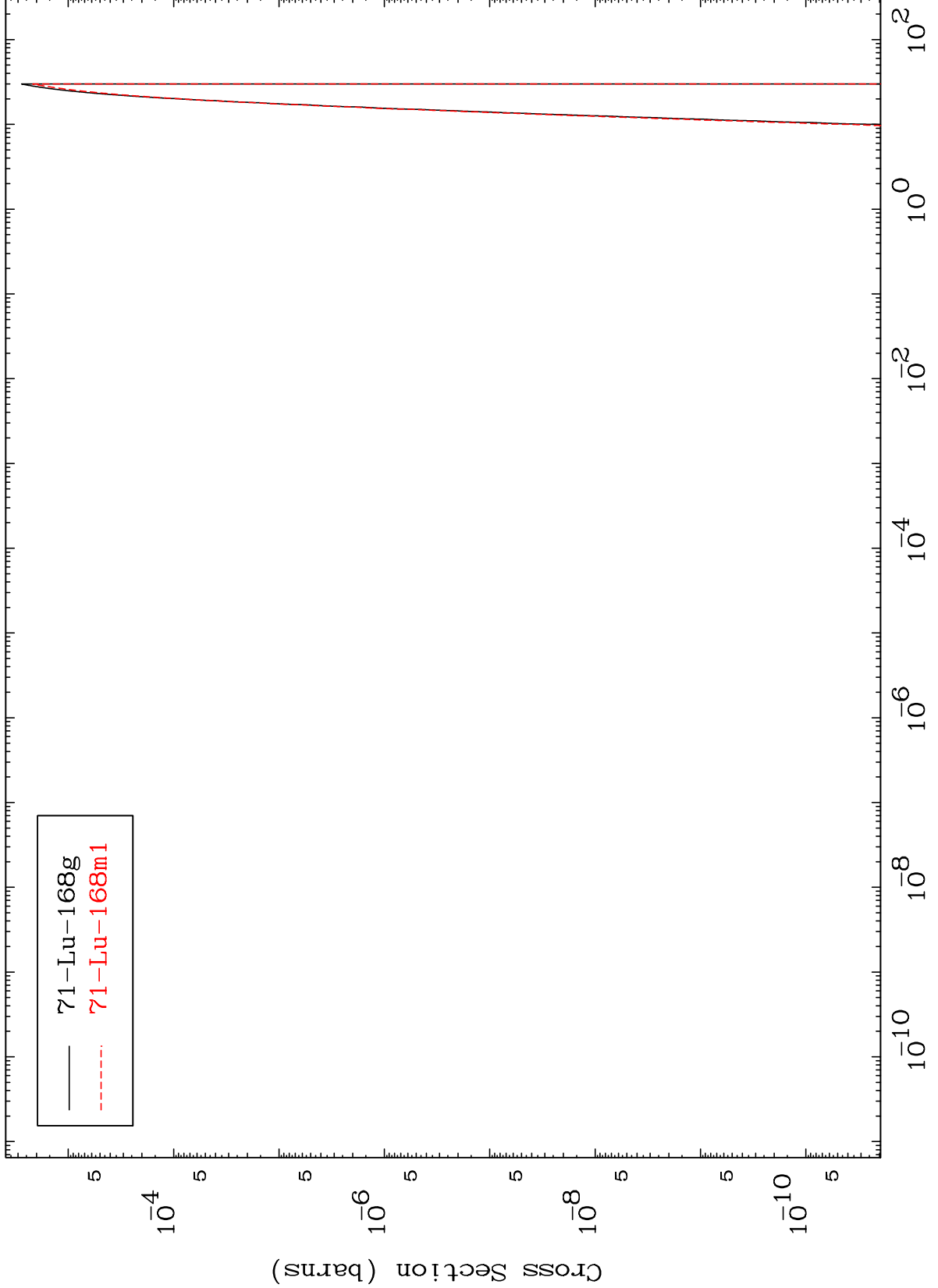
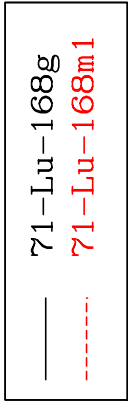


MAT 7295

(n,He-3)

⁷³Ta-170

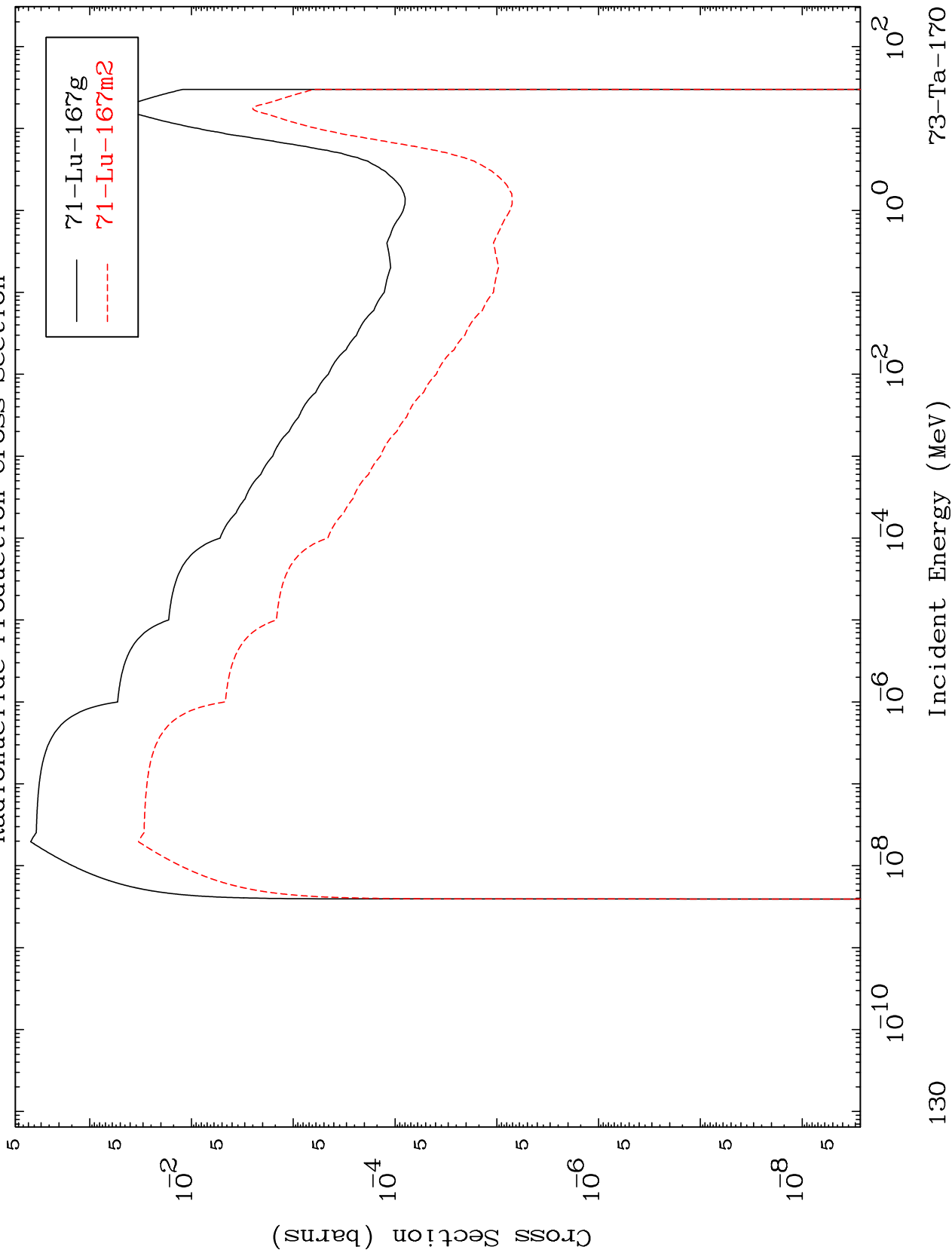
Radionuclide Production Cross Section



MAT 7295

73-Ta-170

(n, α)
Radionuclide Production Cross Section



130

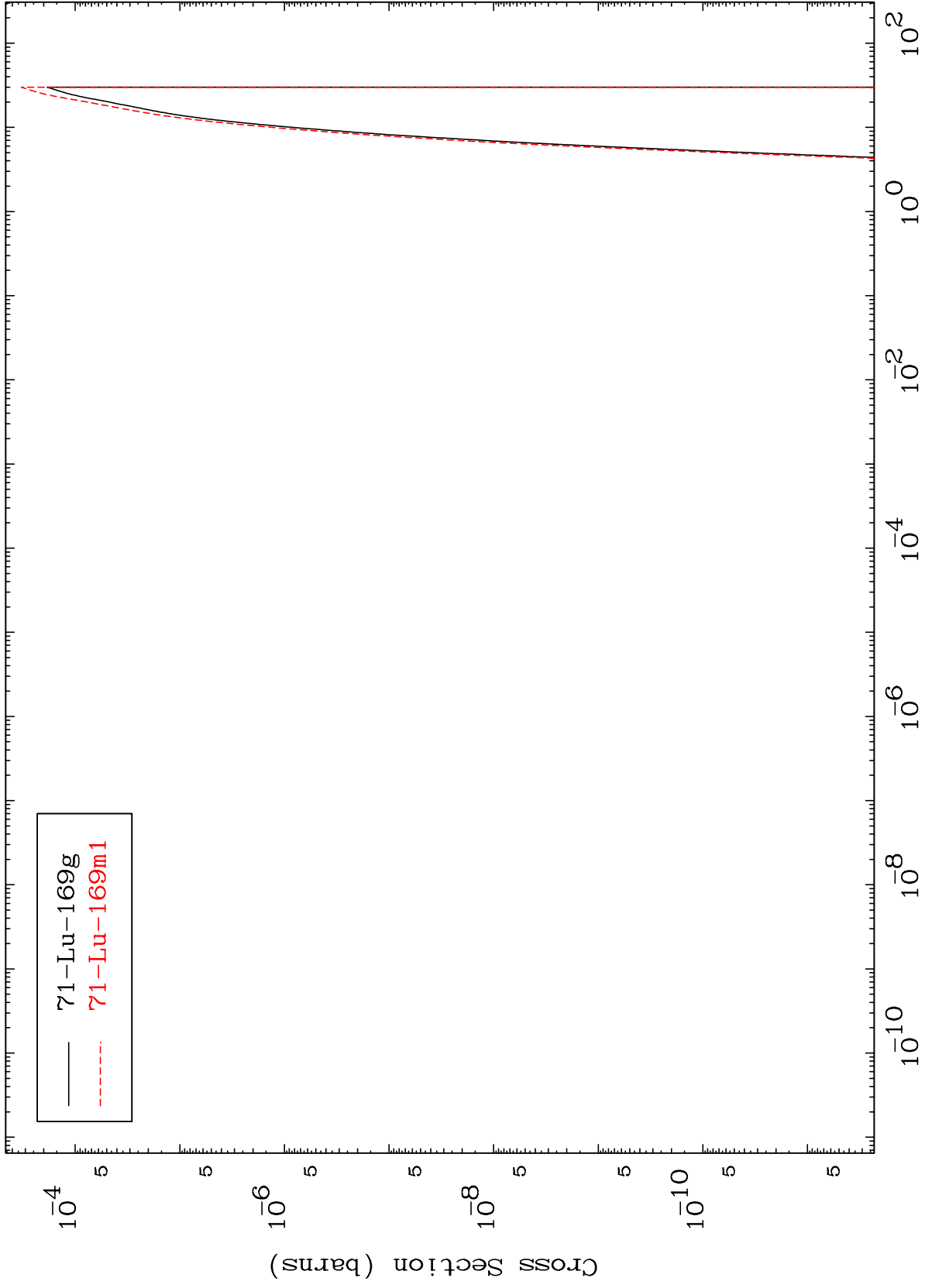
73-Ta-170

MAT 7295

(n,2p)

⁷³Ta-170

Radionuclide Production Cross Section



131

Incident Energy (MeV)

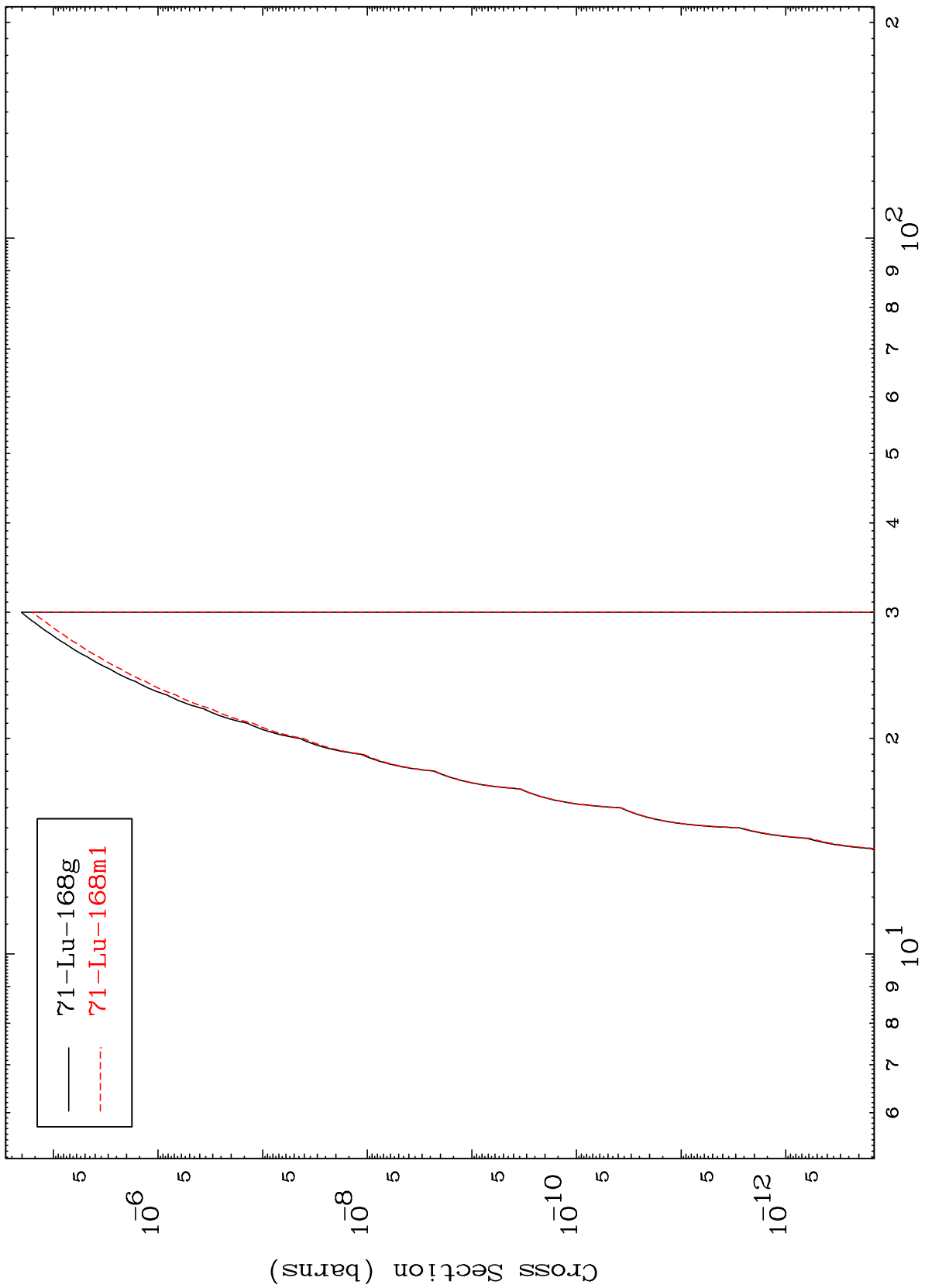
⁷³Ta-170

MAT 7295

(n,p) d

⁷³Ta-170

Radionuclide Production Cross Section



132

Incident Energy (MeV)

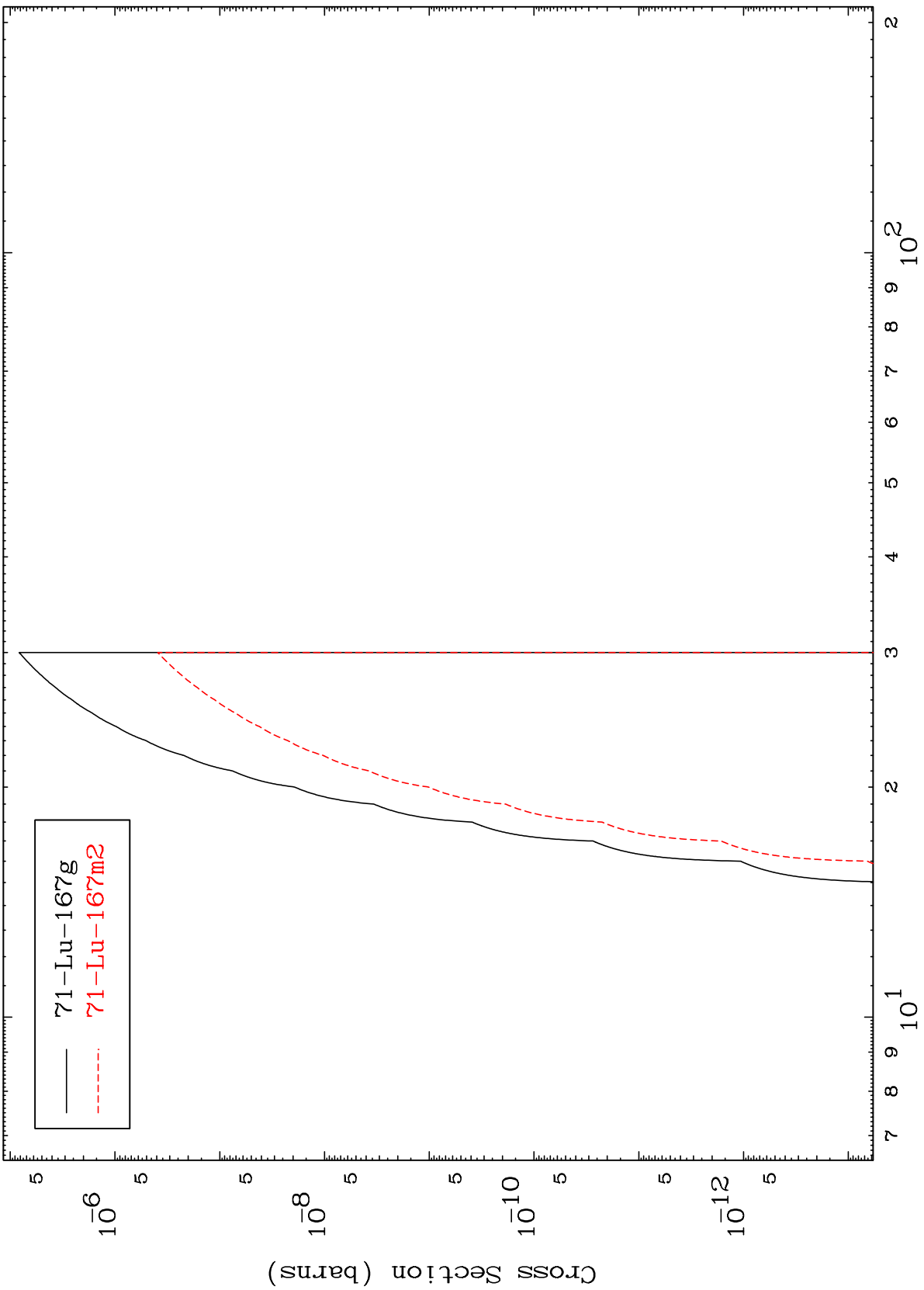
⁷³Ta-170

MAT 7295

(n,p) t

73-Ta-170

Radionuclide Production Cross Section



133

Incident Energy (MeV)

73-Ta-170