

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

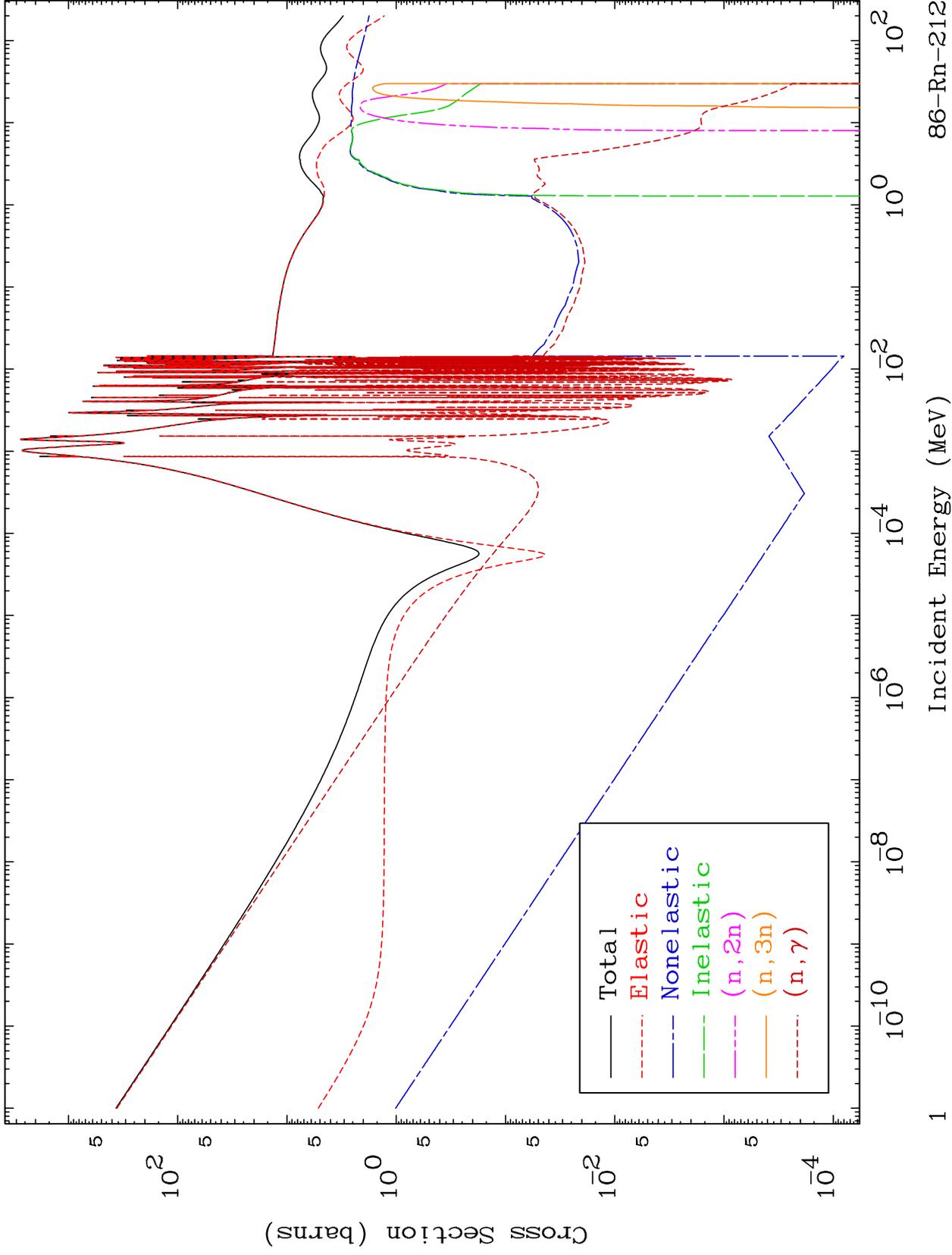
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8628

Neutron Major
293 Kelvin Cross Sections

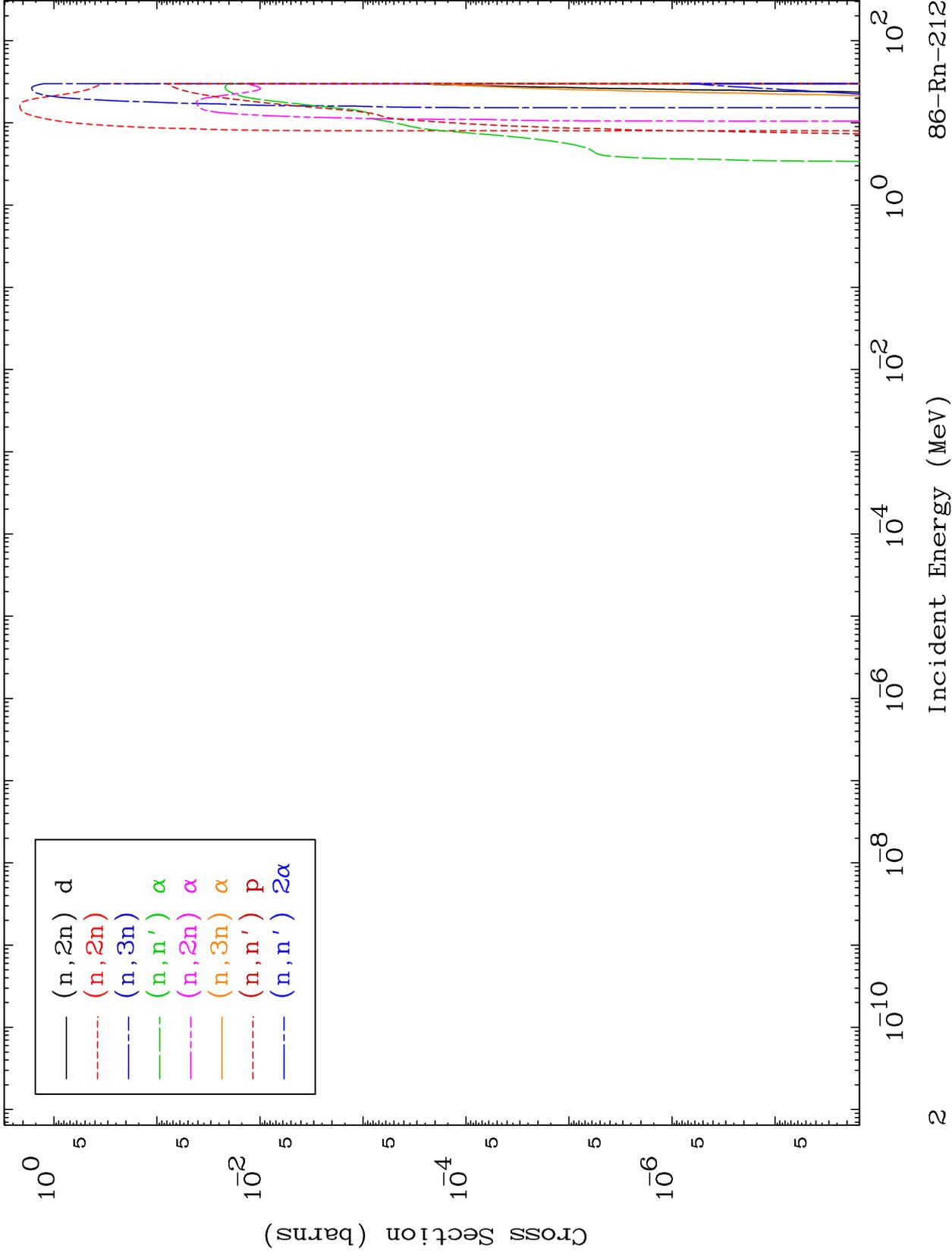
86-Rn-212



MAT 8628

Neutron Absorption
293 Kelvin Cross Sections

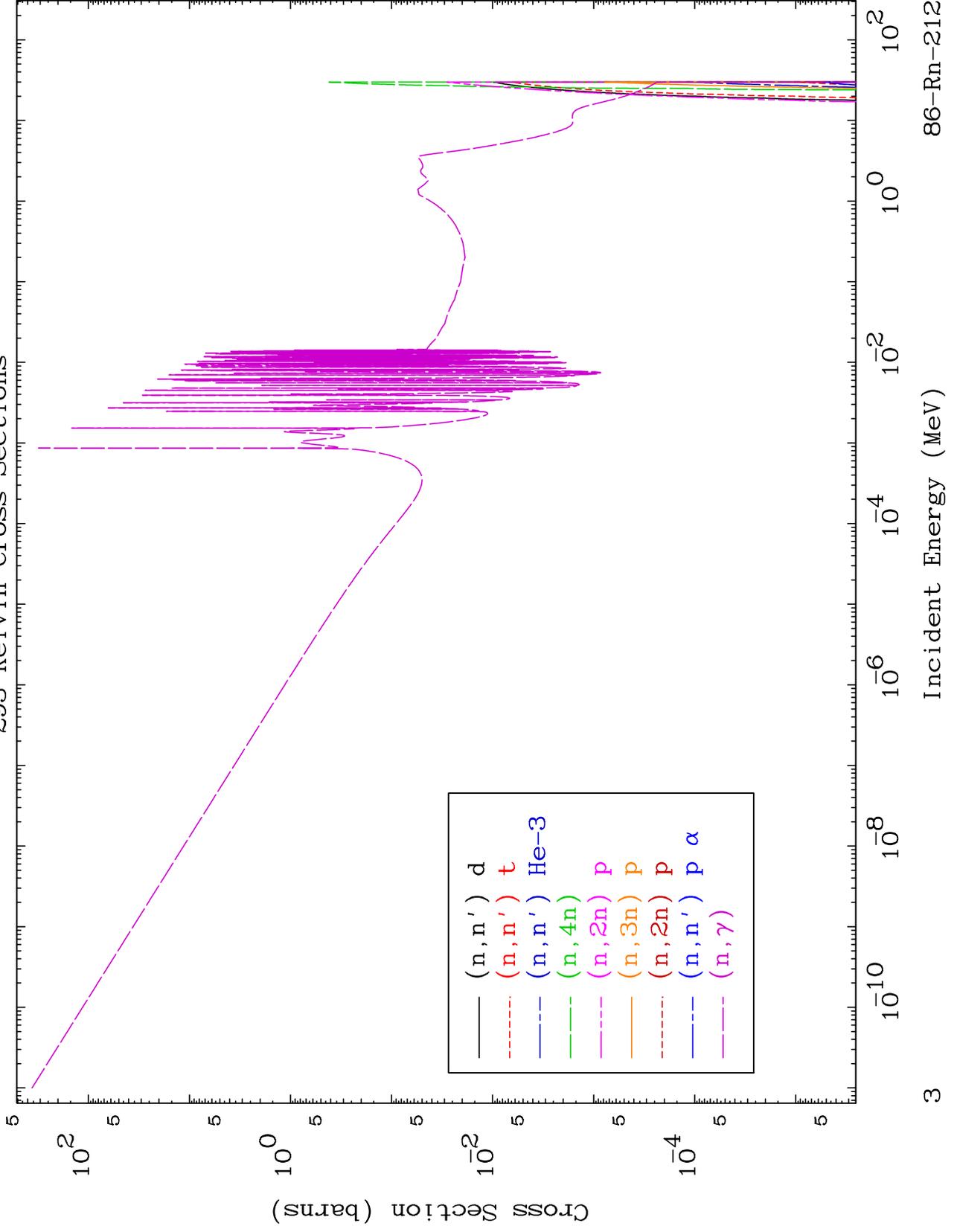
86-Rn-212



MAT 8628

Neutron Absorption
293 Kelvin Cross Sections

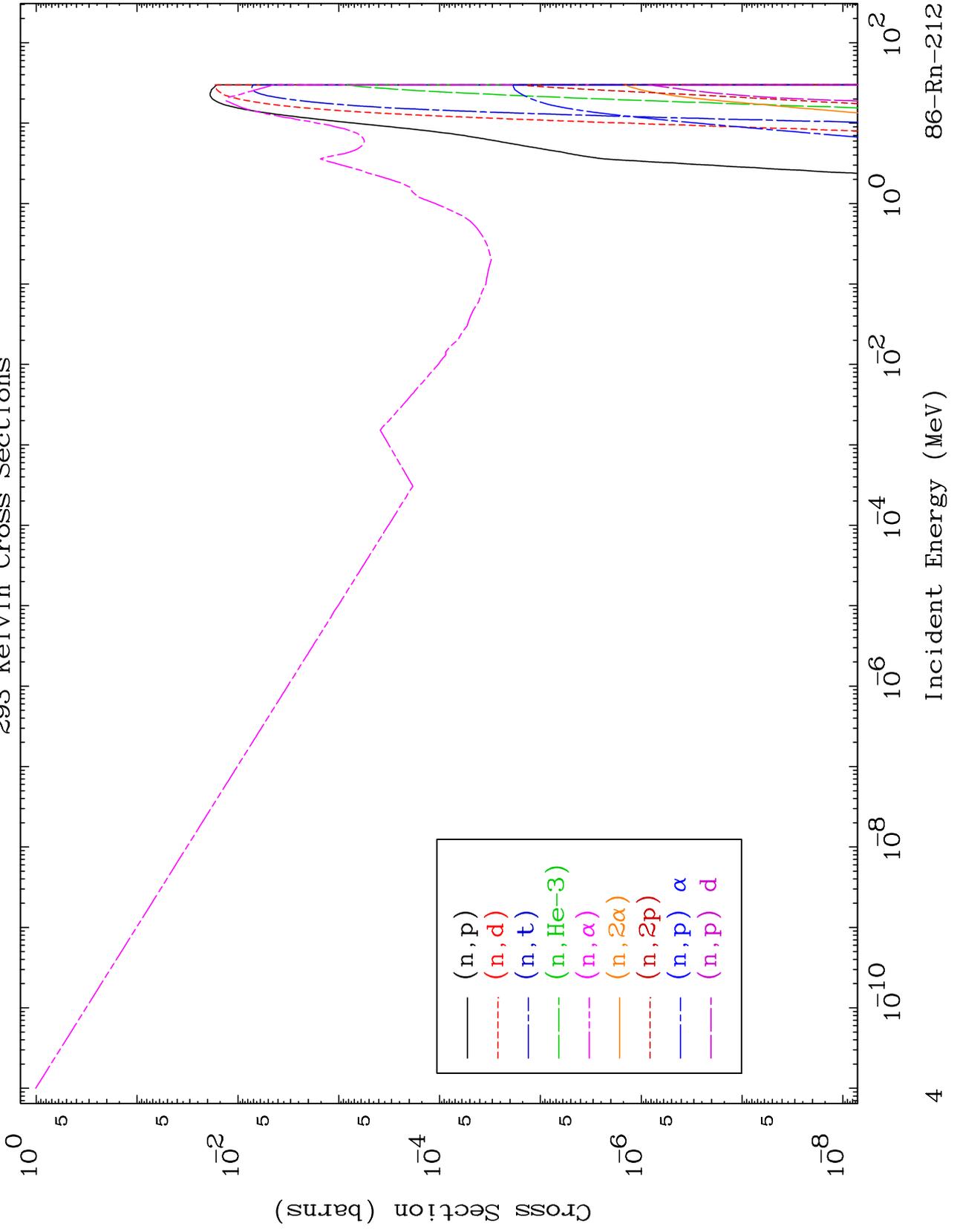
86-Rn-212



MAT 8628

Neutron Absorption
293 Kelvin Cross Sections

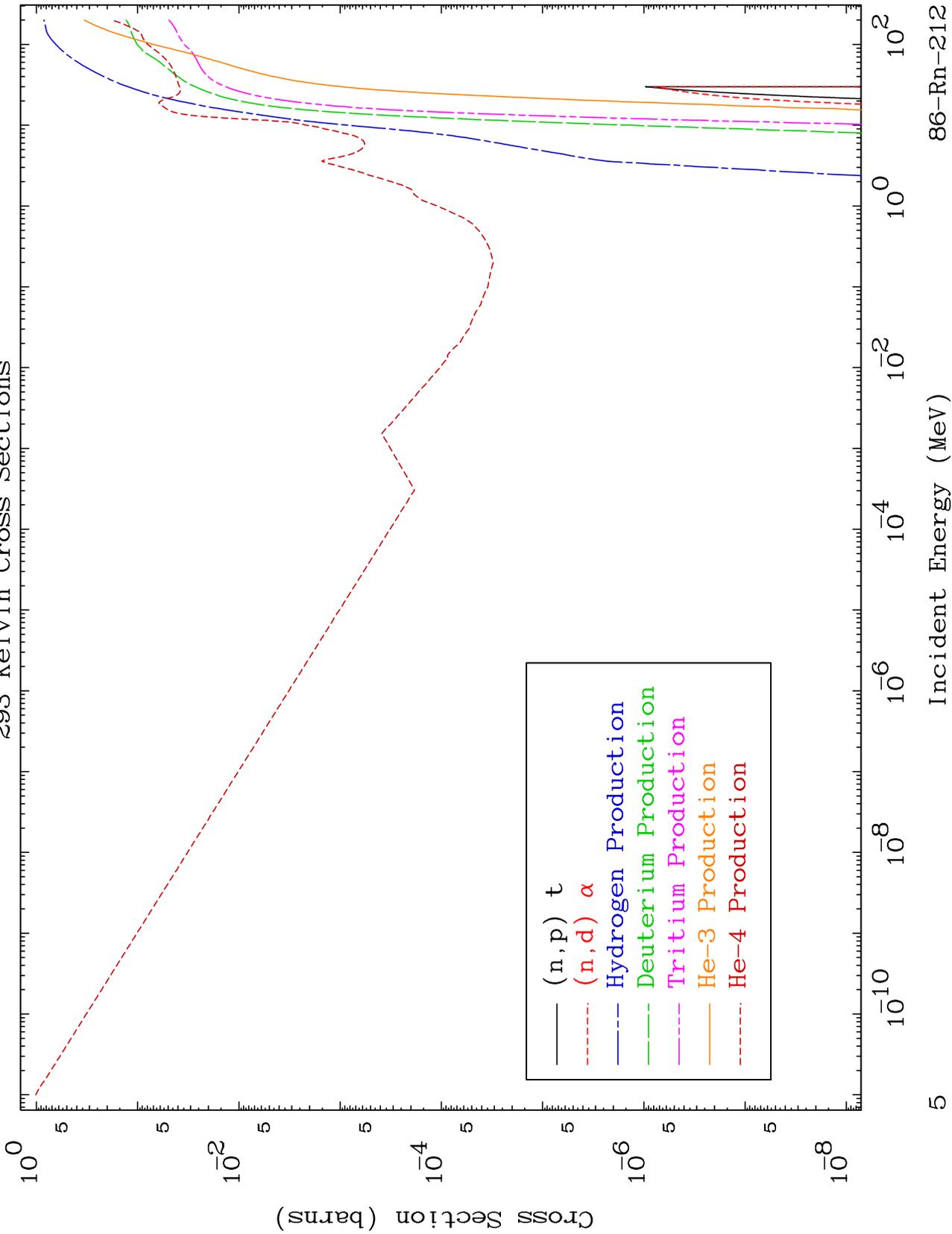
86-Rn-212



MAT 8628

Neutron Absorption
293 Kelvin Cross Sections

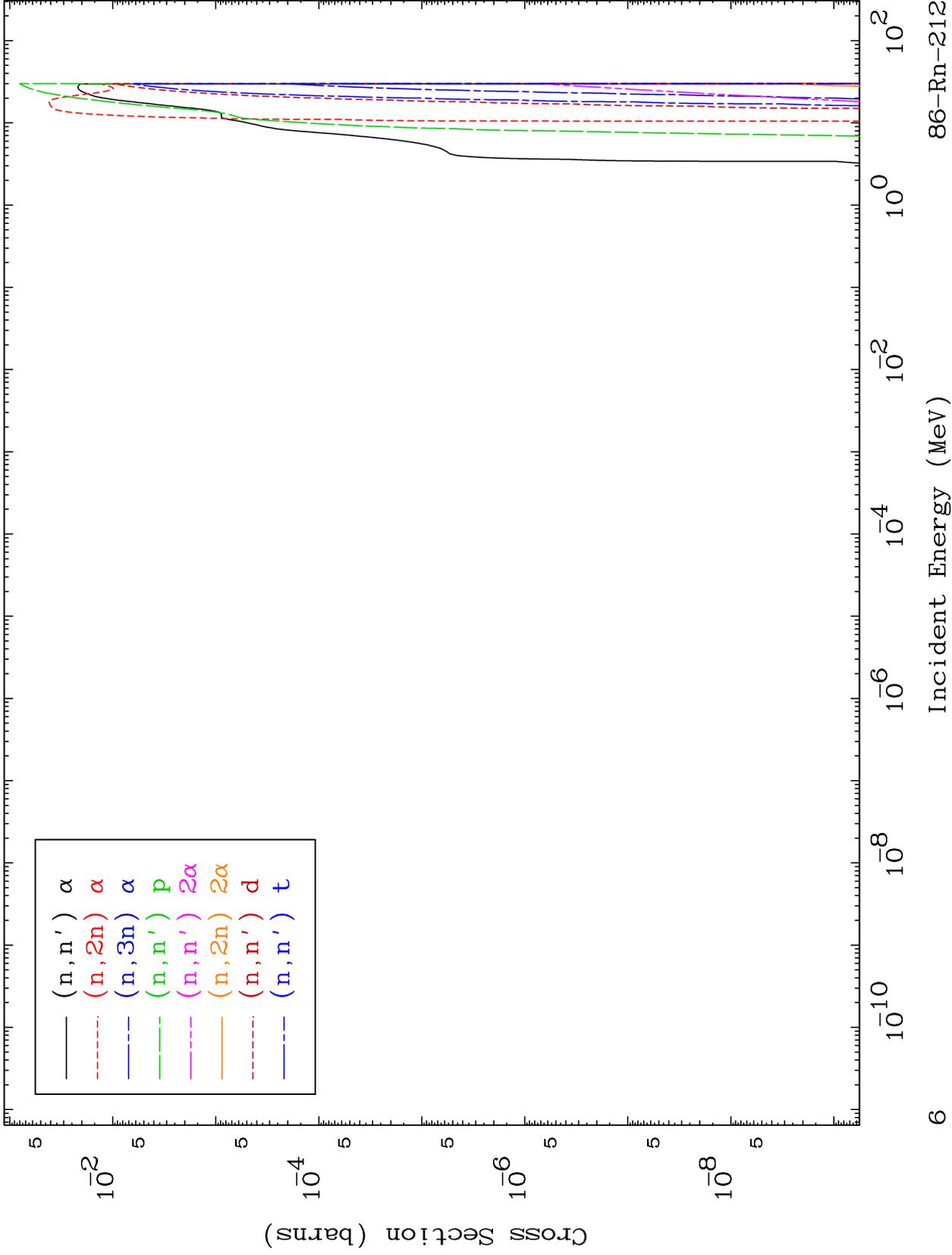
86-Rn-212



MAT 8628

Charged Particle
293 Kelvin Cross Sections

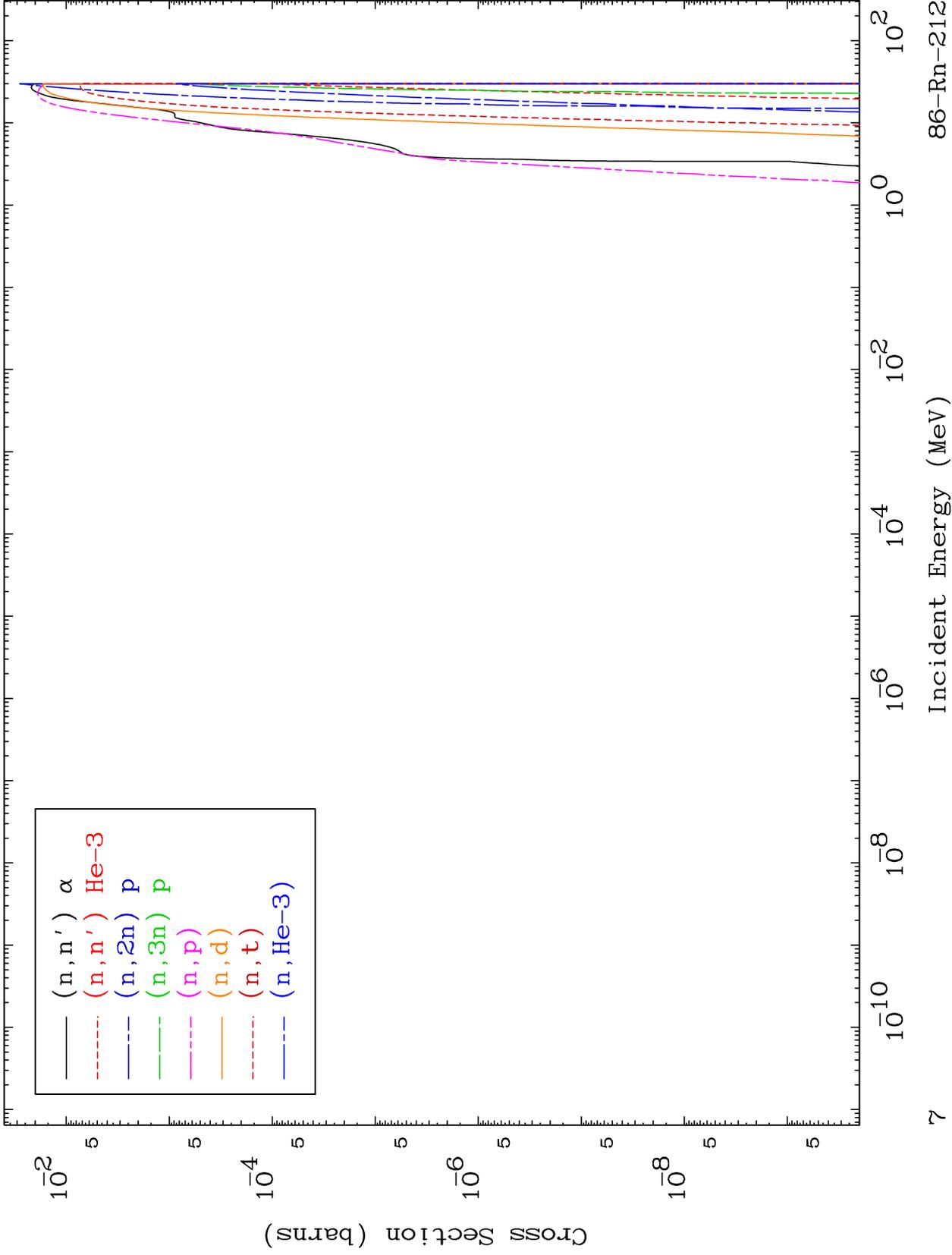
86-Rn-212



MAT 8628

Charged Particle
293 Kelvin Cross Sections

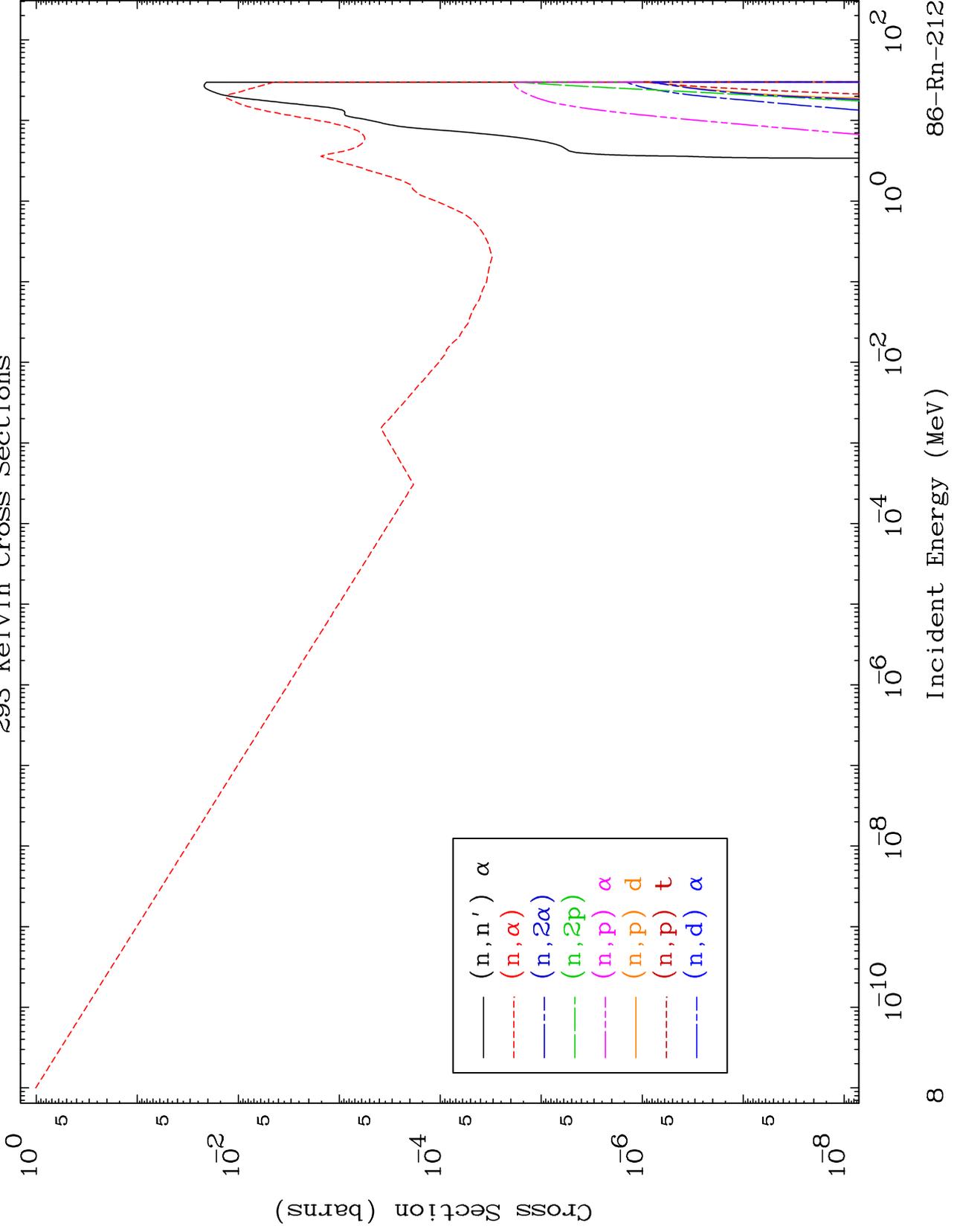
86-Rn-212



MAT 8628

Charged Particle
293 Kelvin Cross Sections

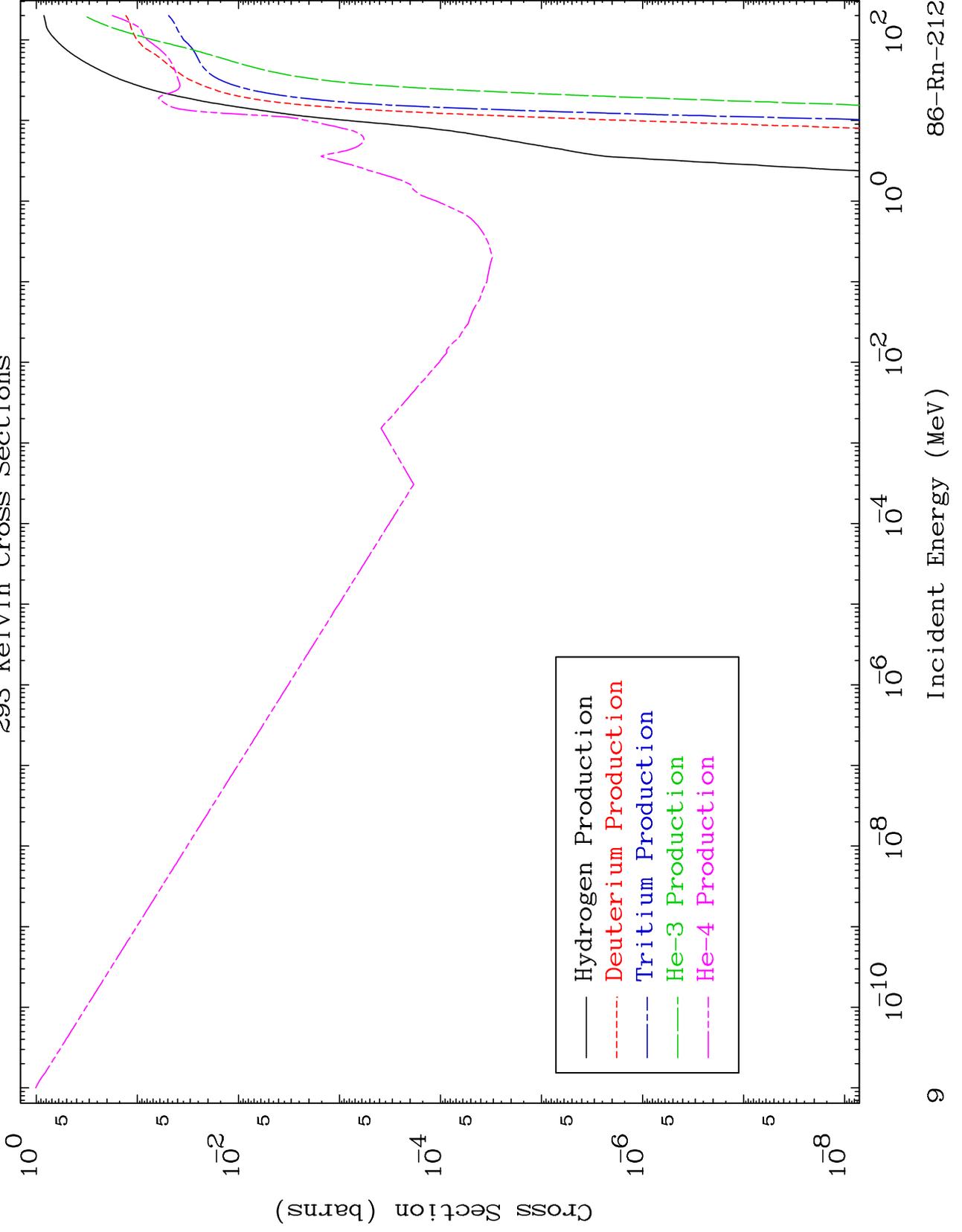
86-Rn-212



MAT 8628

Particle Production
293 Kelvin Cross Sections

86-Rn-212

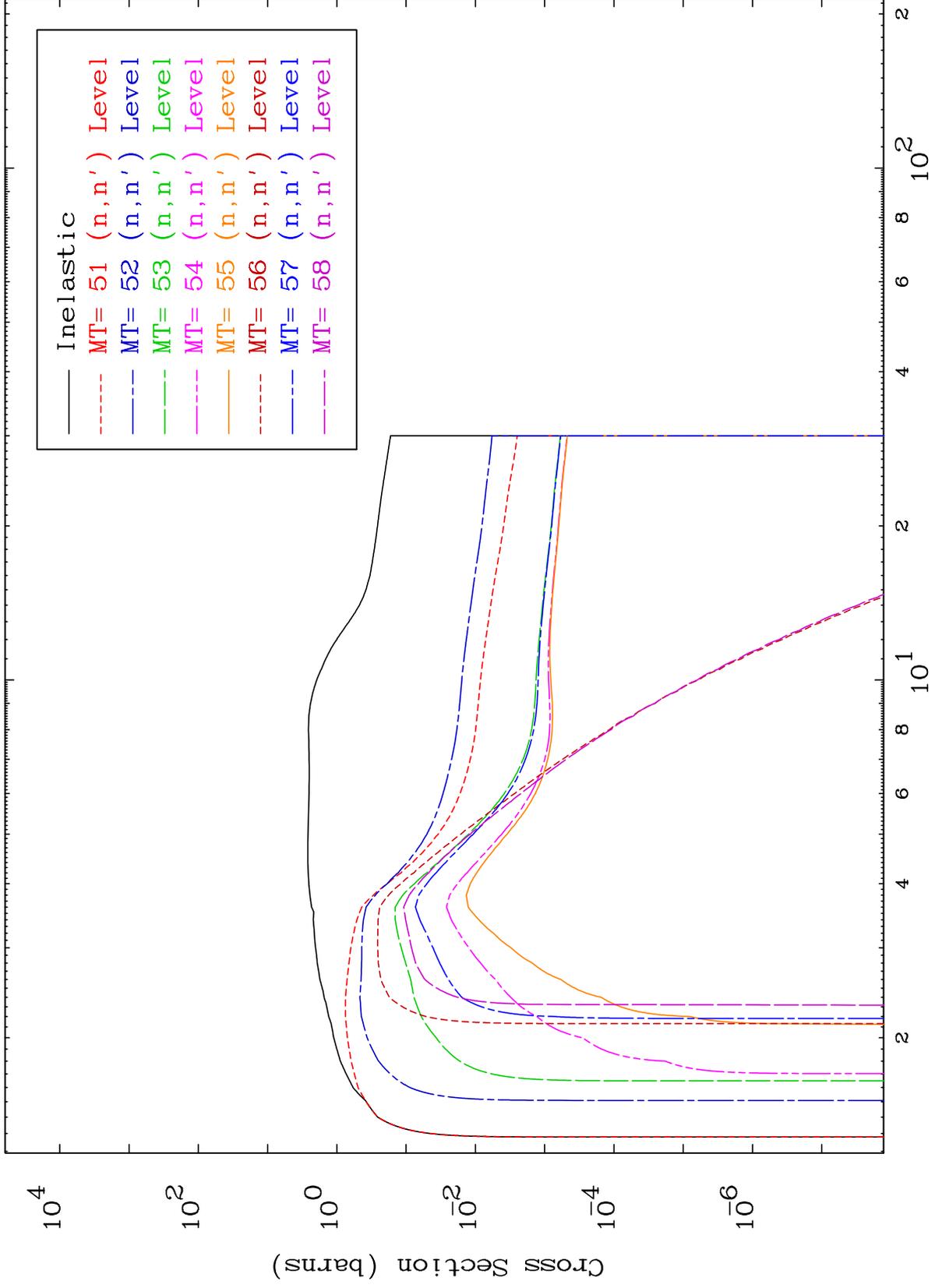


MAT 8628

(n,n') Levels

86-Rn-212

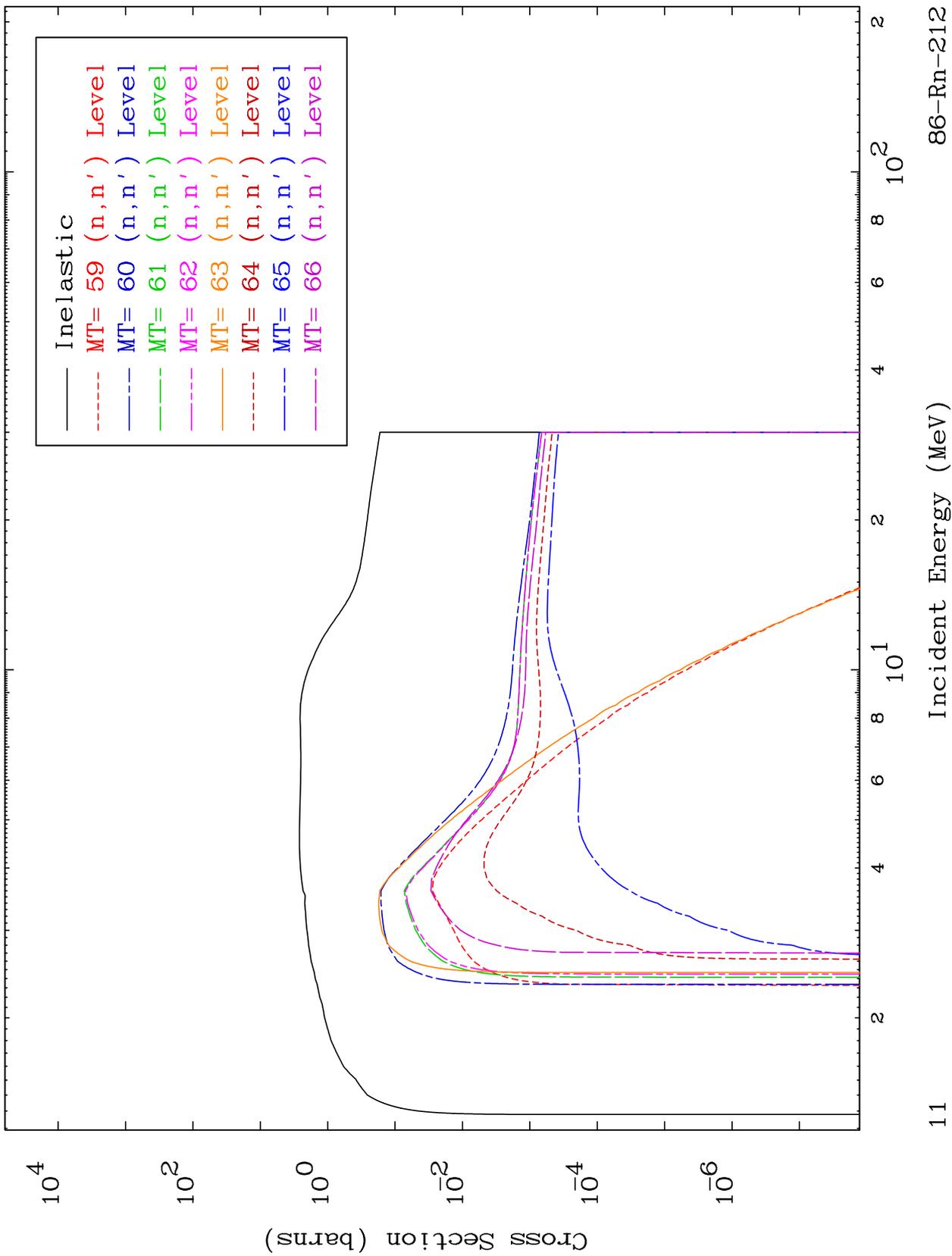
293 Kelvin Cross Sections

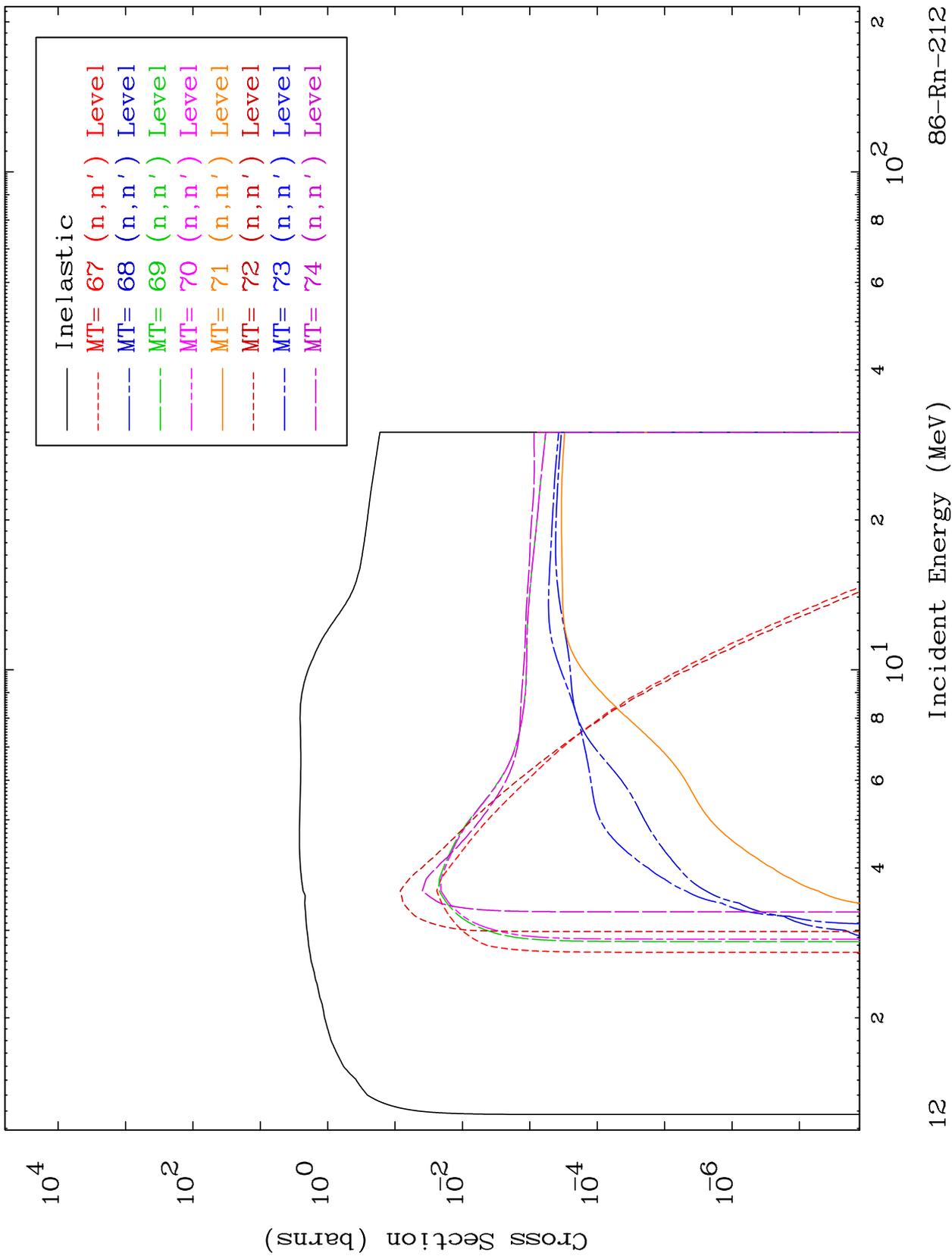


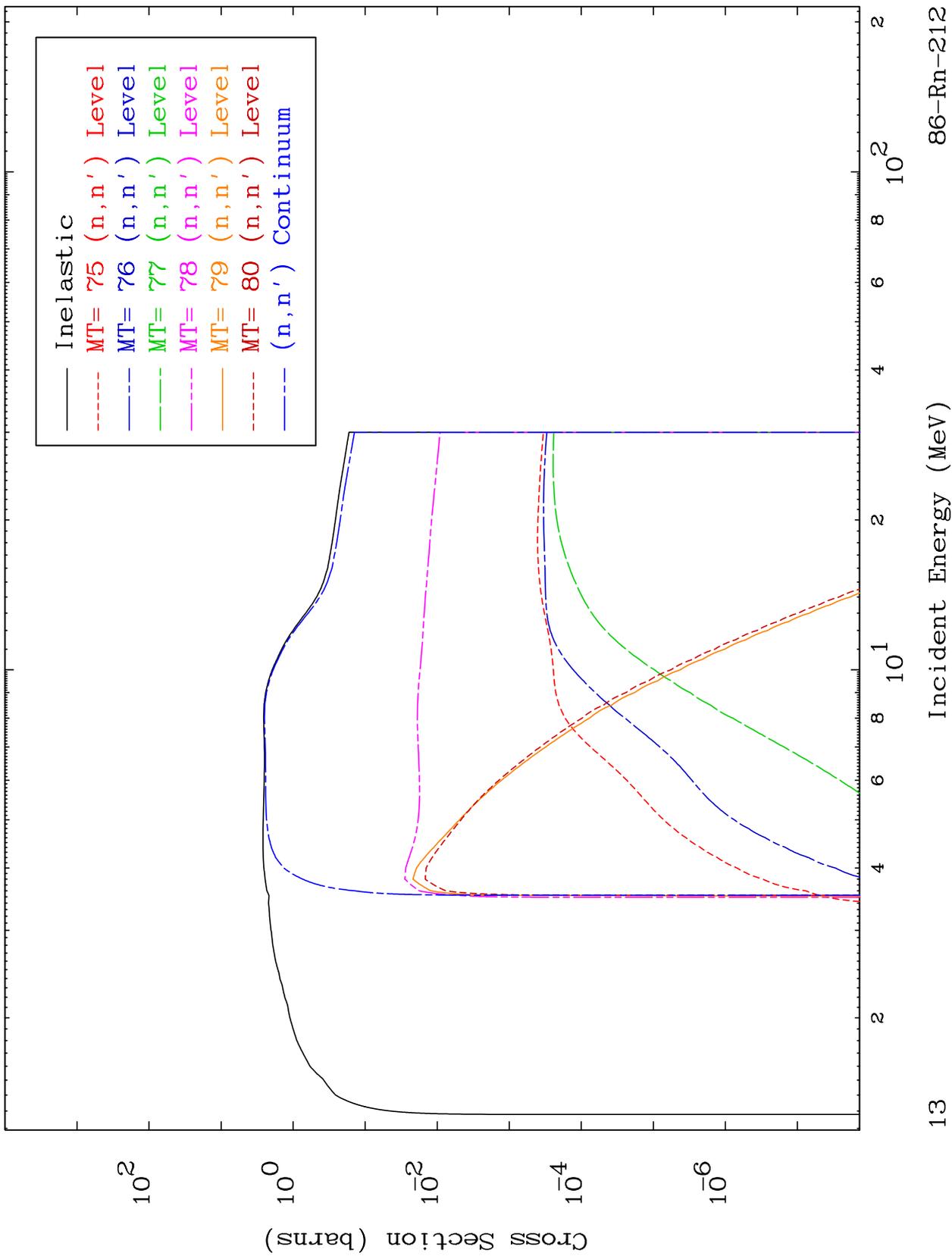
10

Incident Energy (MeV)

86-Rn-212



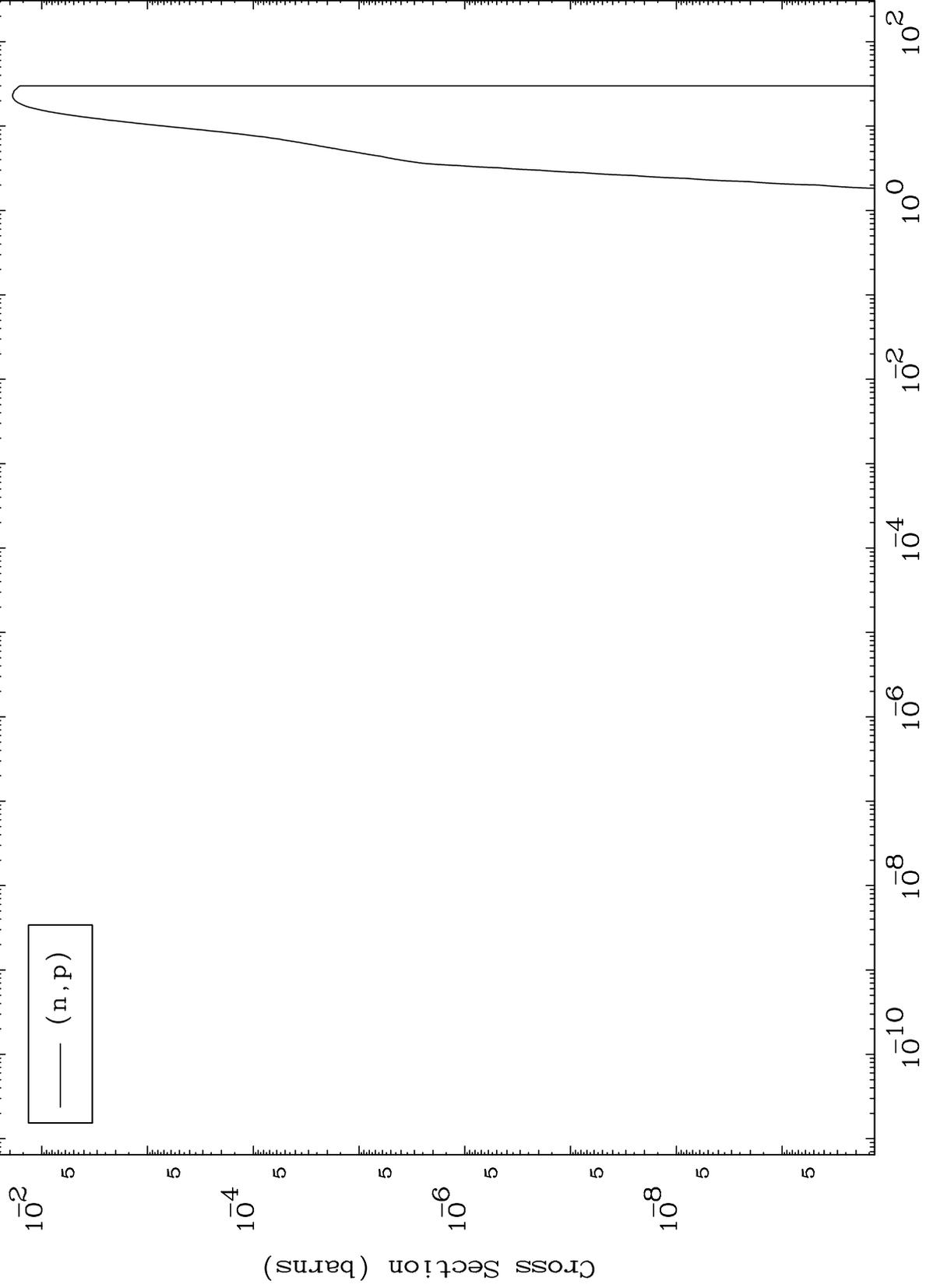




MAT 8628

(n,p) Levels
293 Kelvin Cross Sections

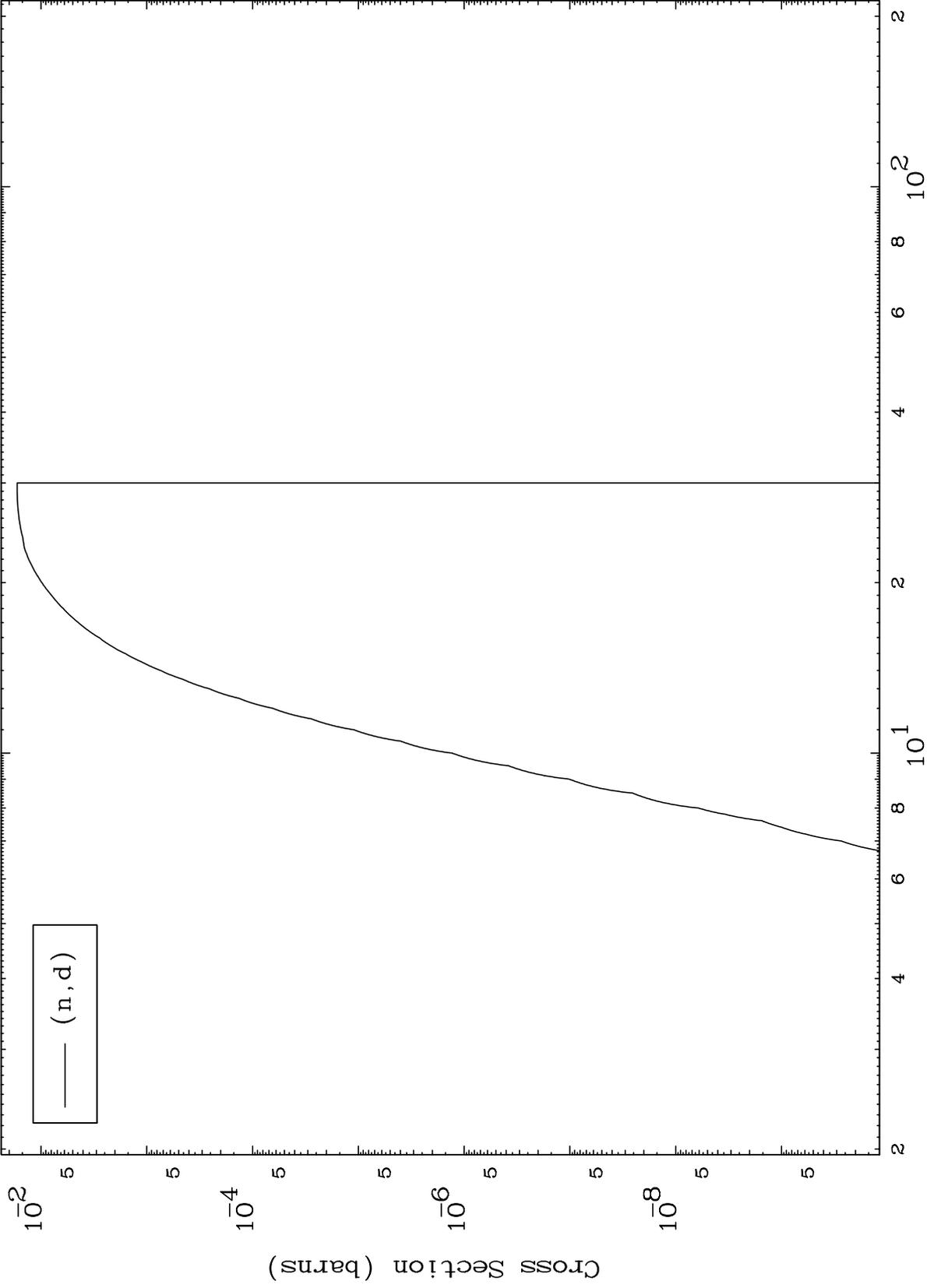
86-Rn-212



MAT 8628

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-212



15

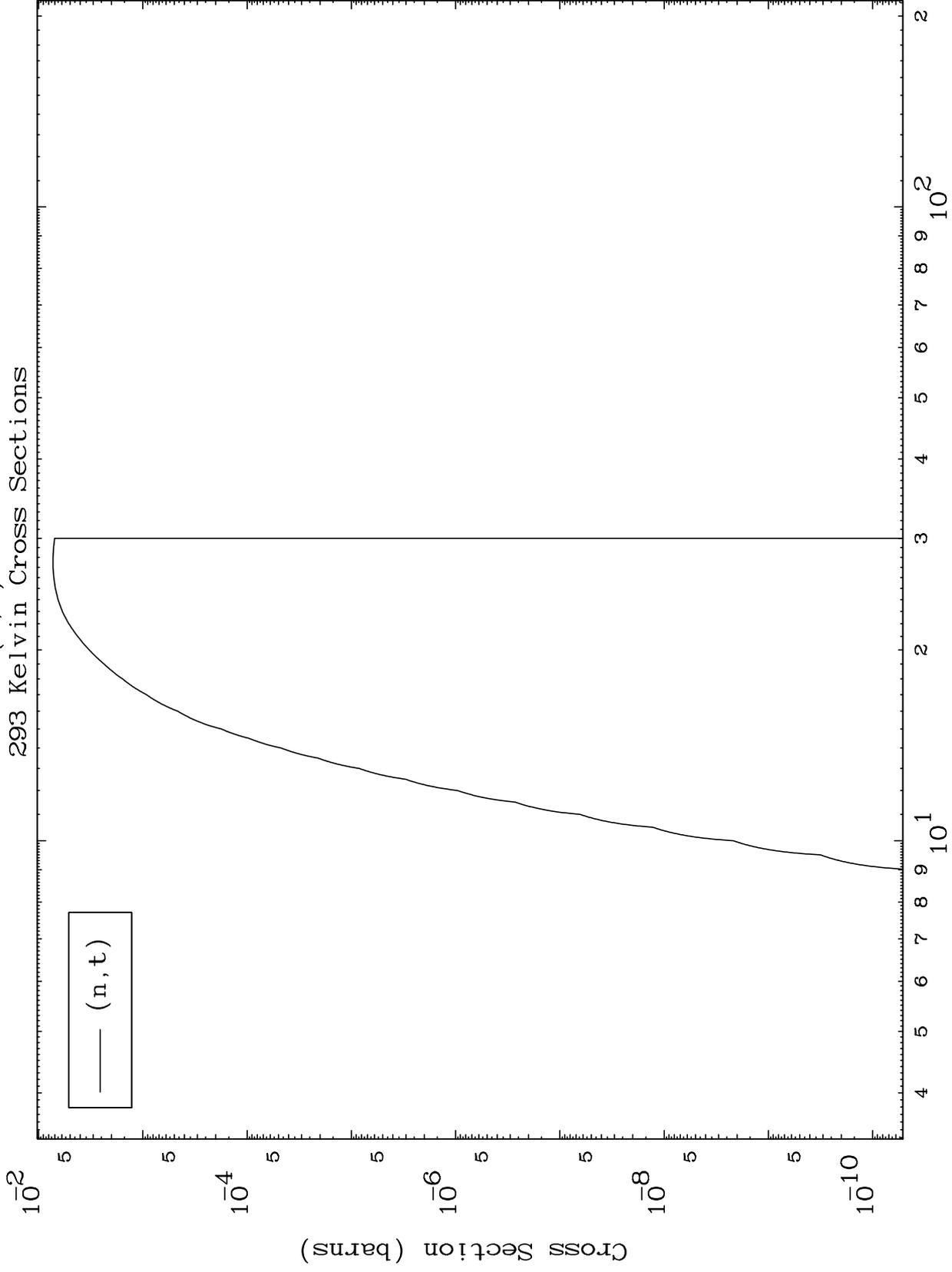
Incident Energy (MeV)

86-Rn-212

MAT 8628

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-212



16

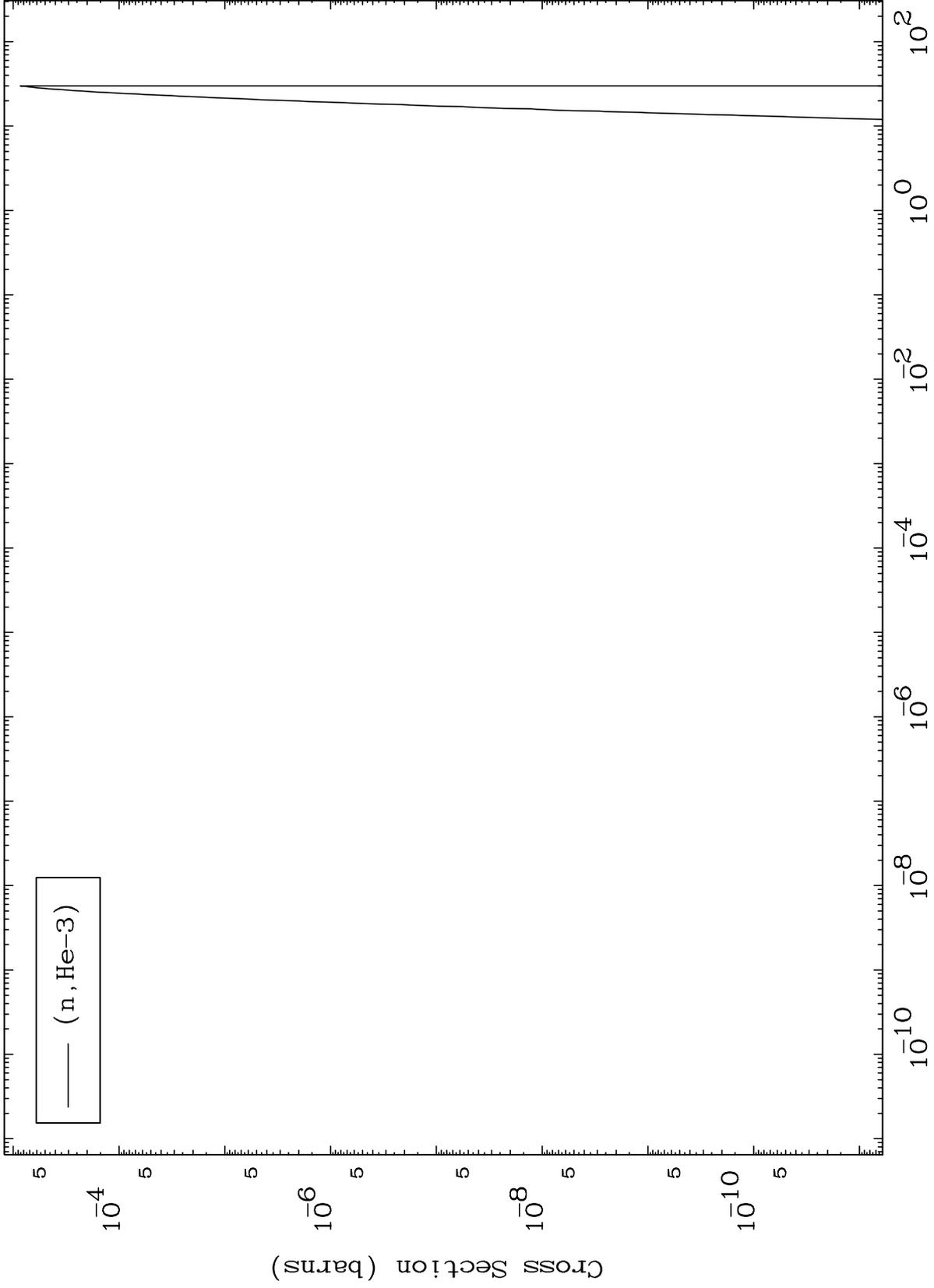
Incident Energy (MeV)

86-Rn-212

MAT 8628

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-212



17

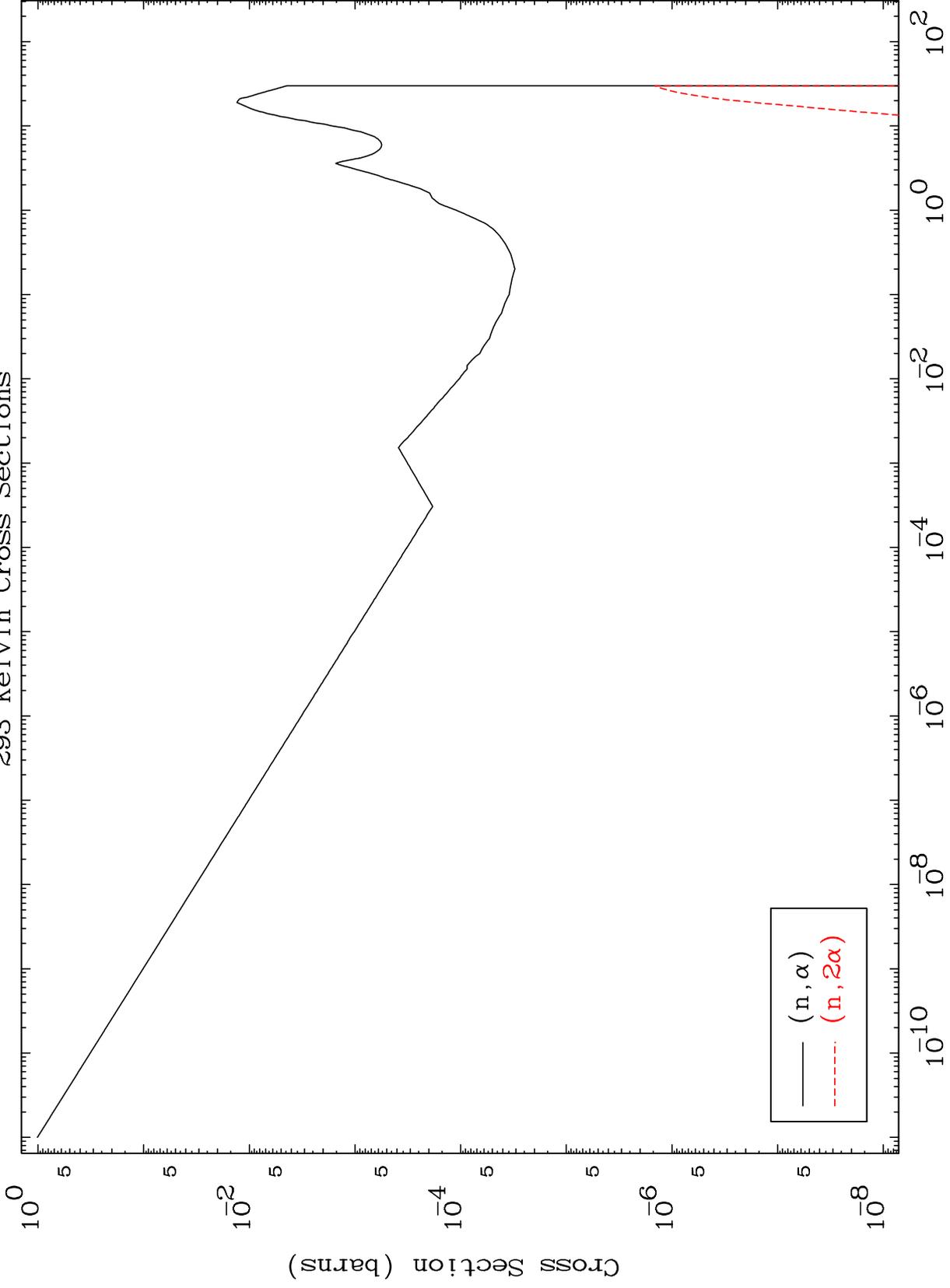
Incident Energy (MeV)

86-Rn-212

MAT 8628

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-212



18

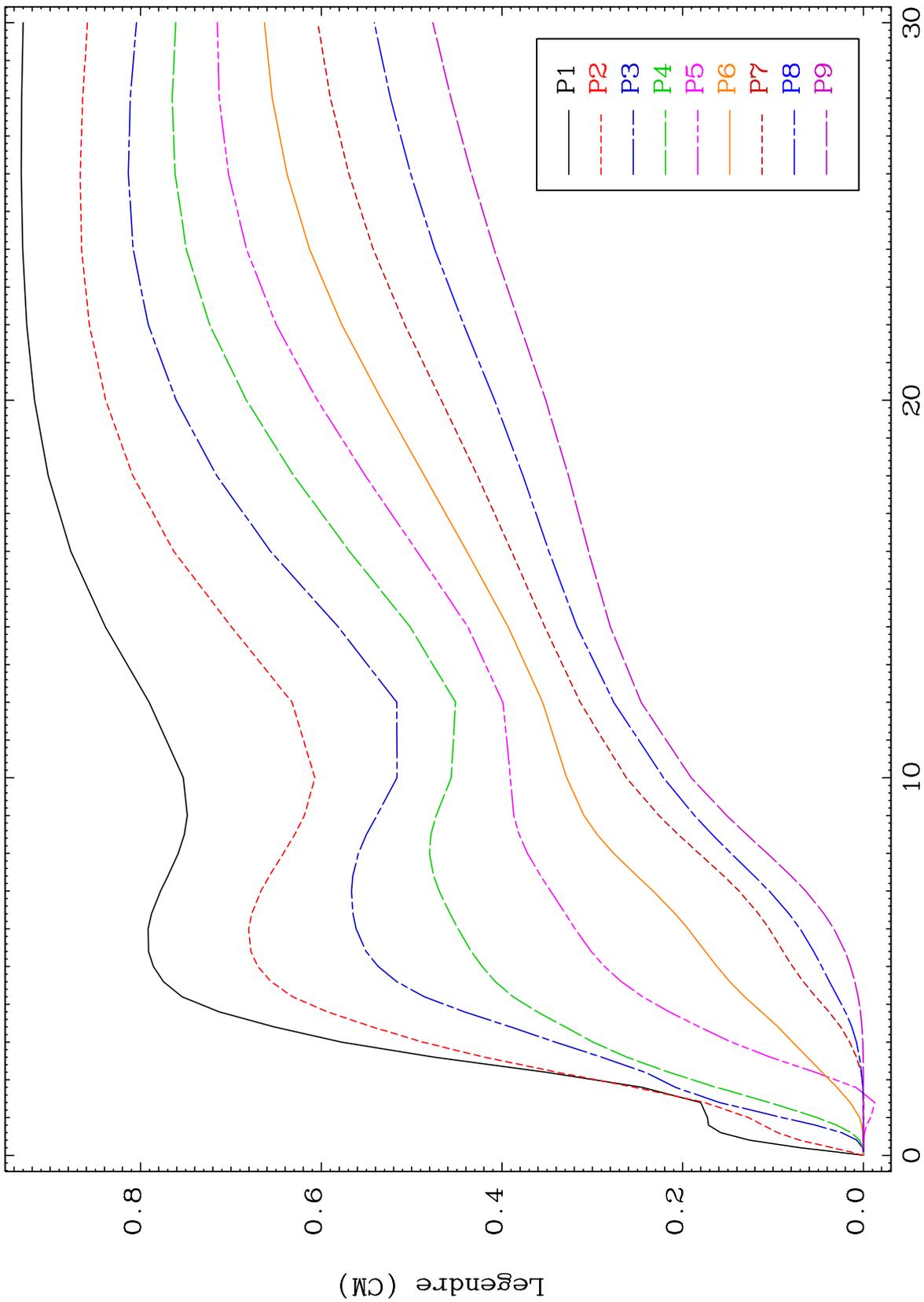
Incident Energy (MeV)

86-Rn-212

MAT 8628

86-Rn-212

Elastic Legendre Coefficients



19

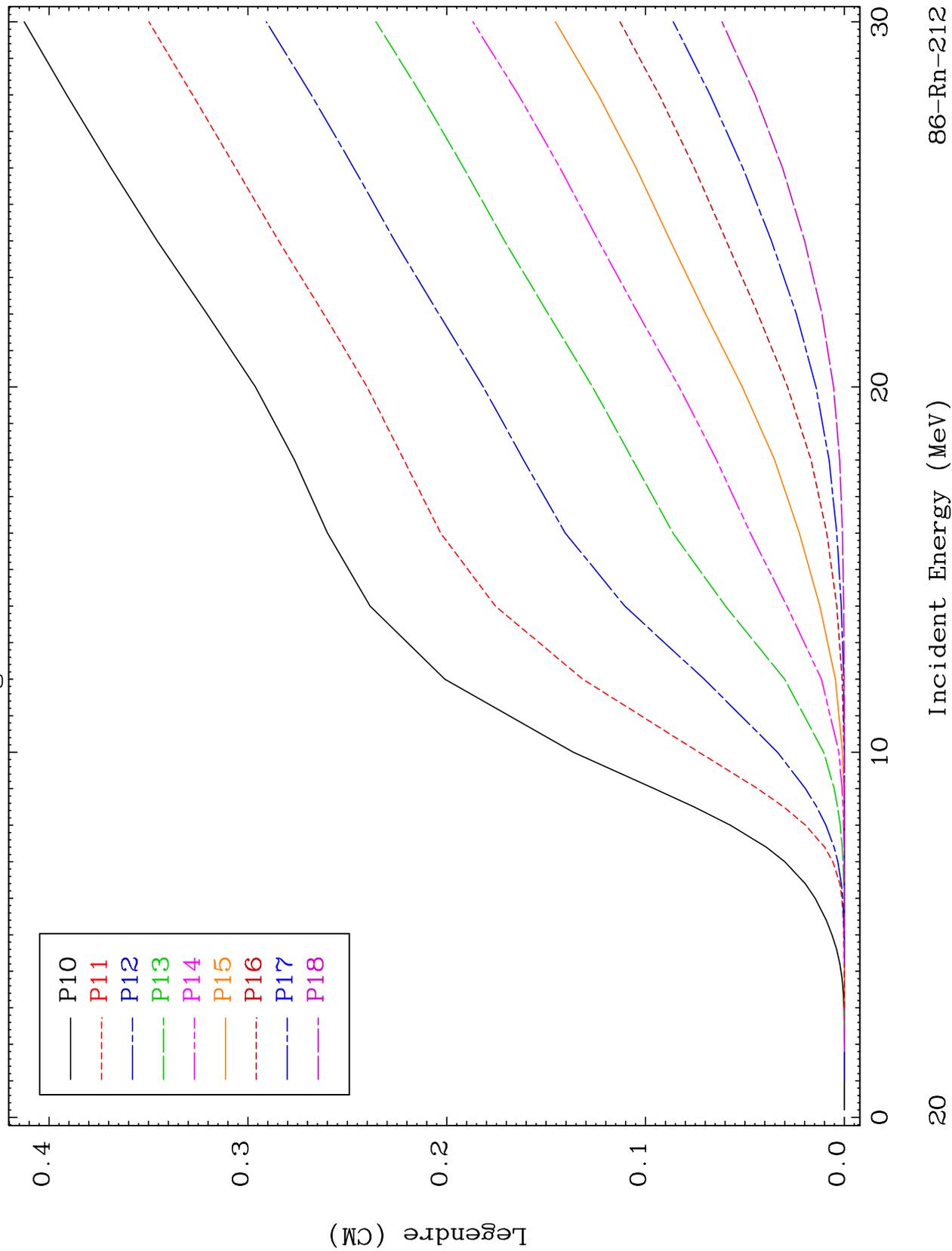
Incident Energy (MeV)

86-Rn-212

MAT 8628

Elastic Legendre Coefficients

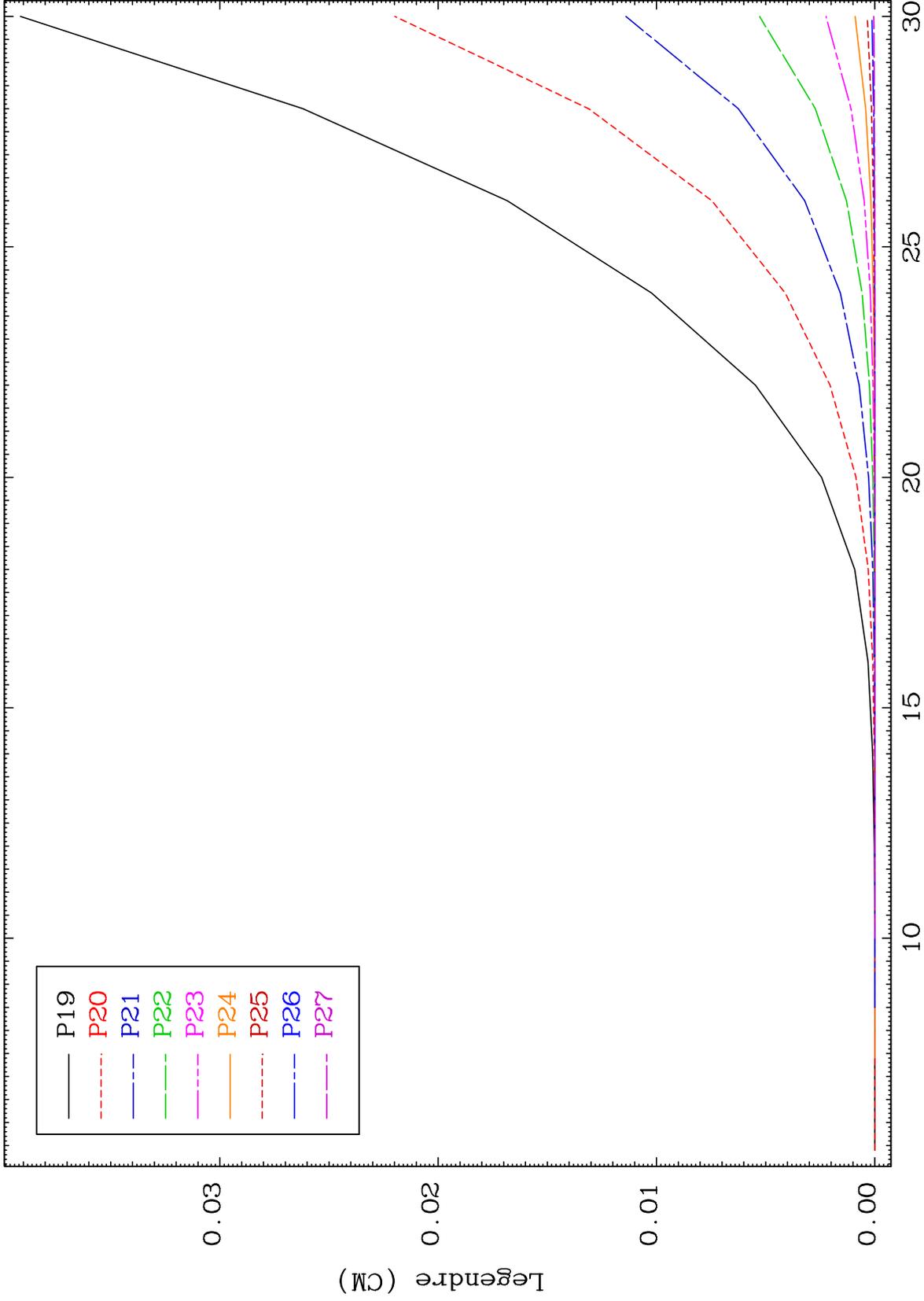
86-Rn-212



MAT 8628

Elastic Legendre Coefficients

86-Rn-212



21

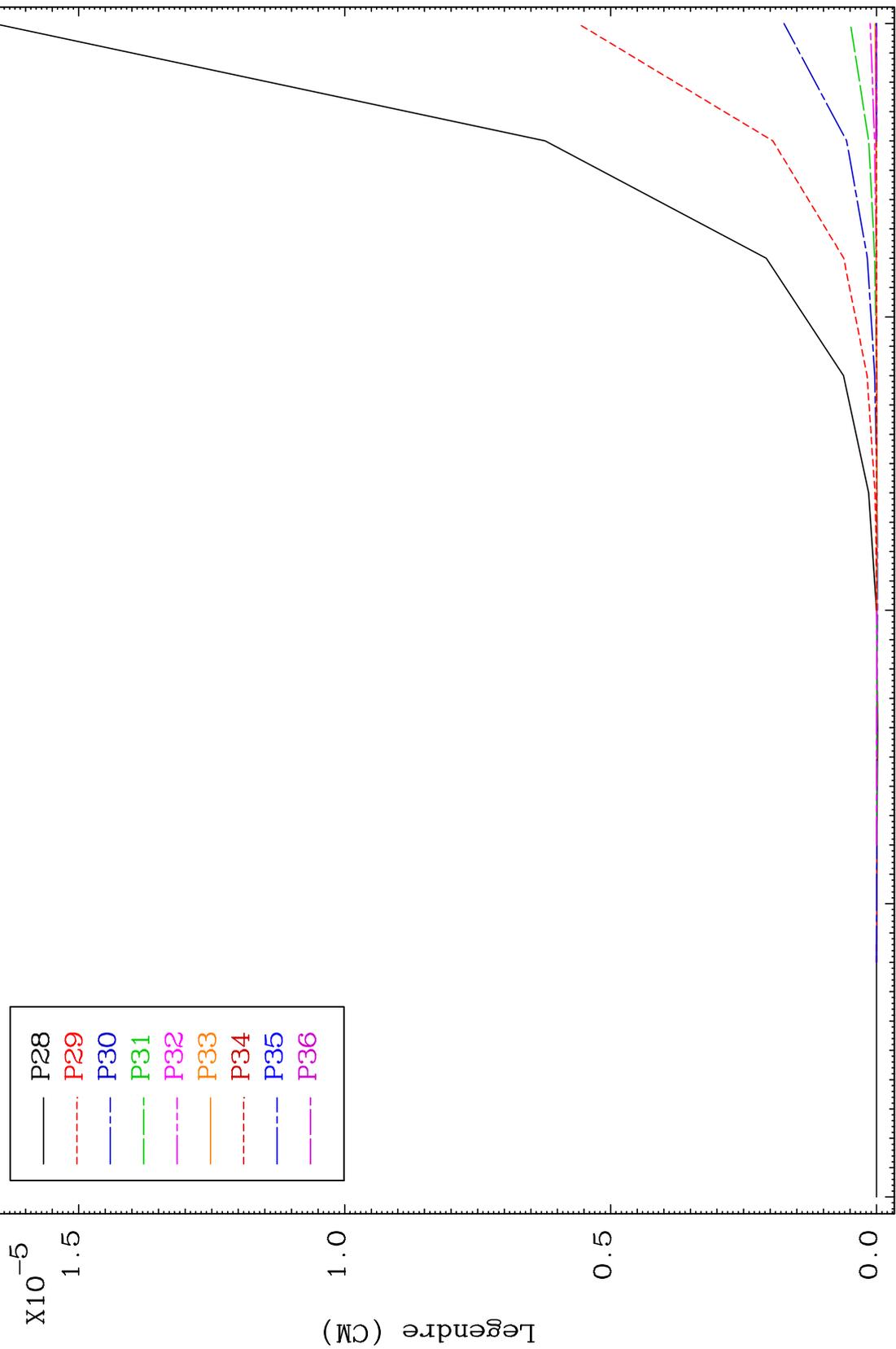
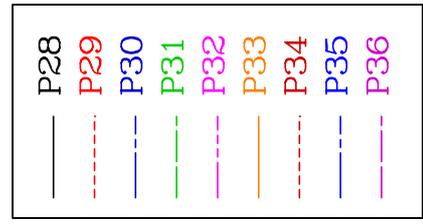
Incident Energy (MeV)

86-Rn-212

MAT 8628

Elastic Legendre Coefficients

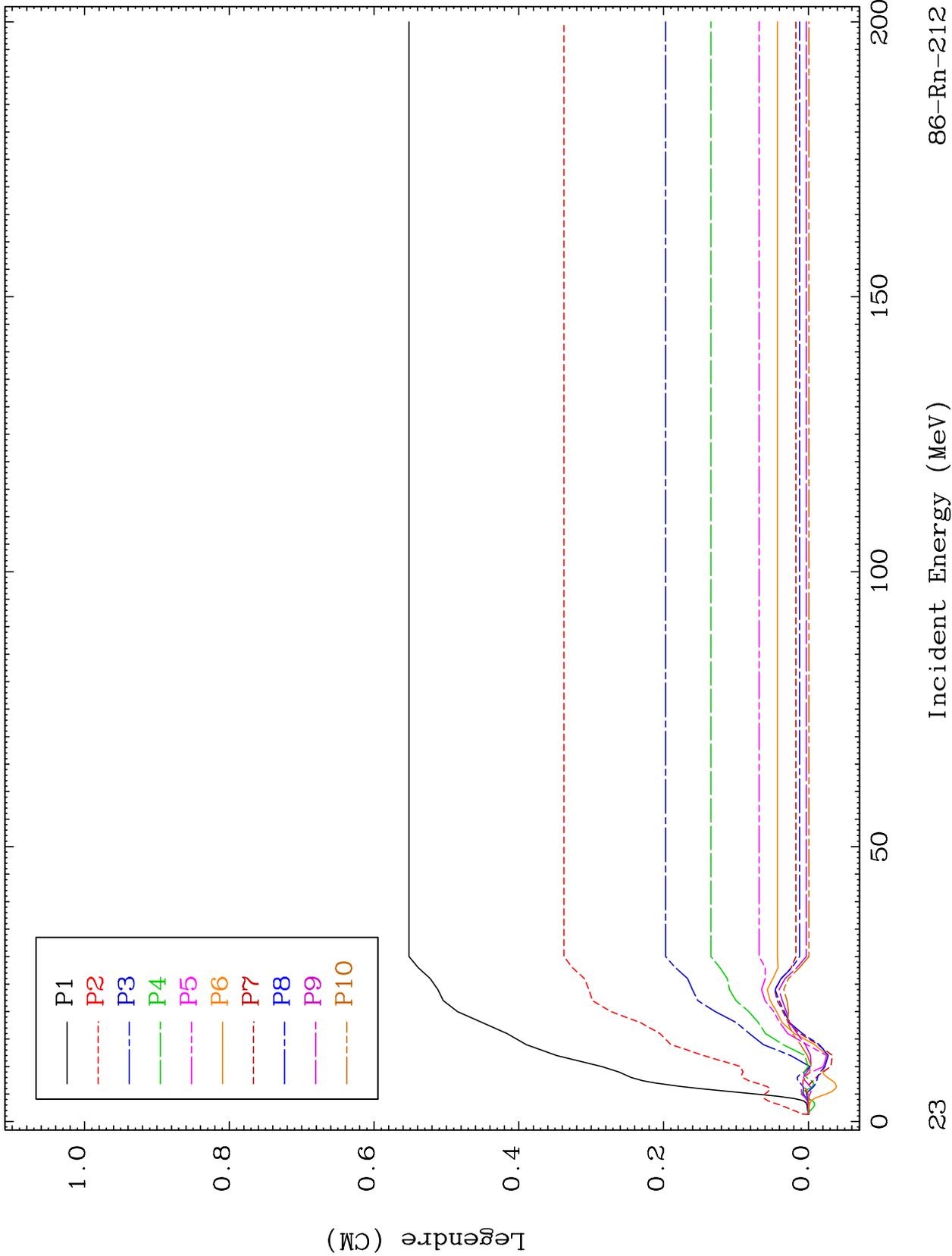
86-Rn-212



22

Incident Energy (MeV)

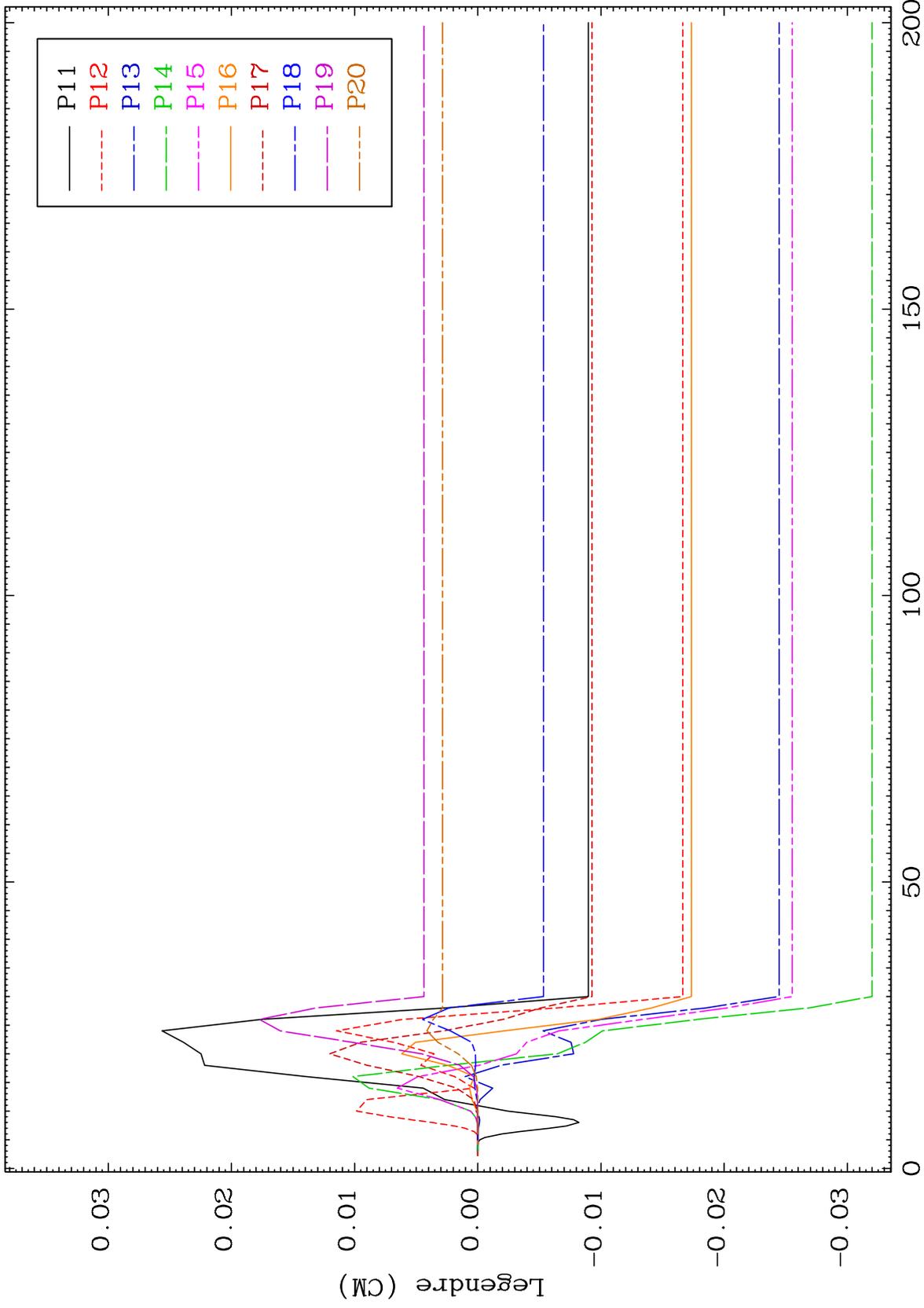
86-Rn-212



MAT 8628

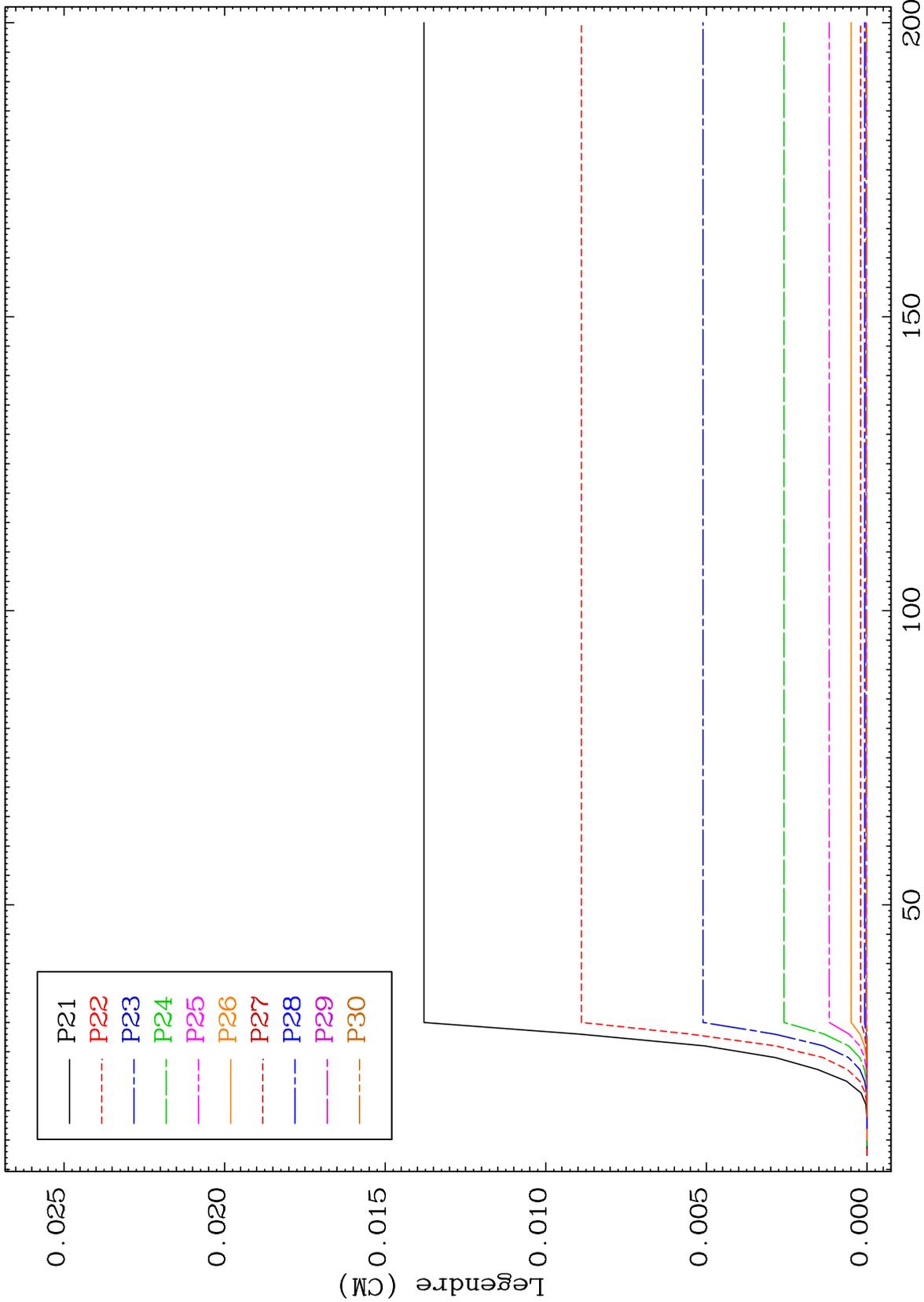
MT= 51 (n,n') Level
Legendre Coefficients

86-Rn-212



24

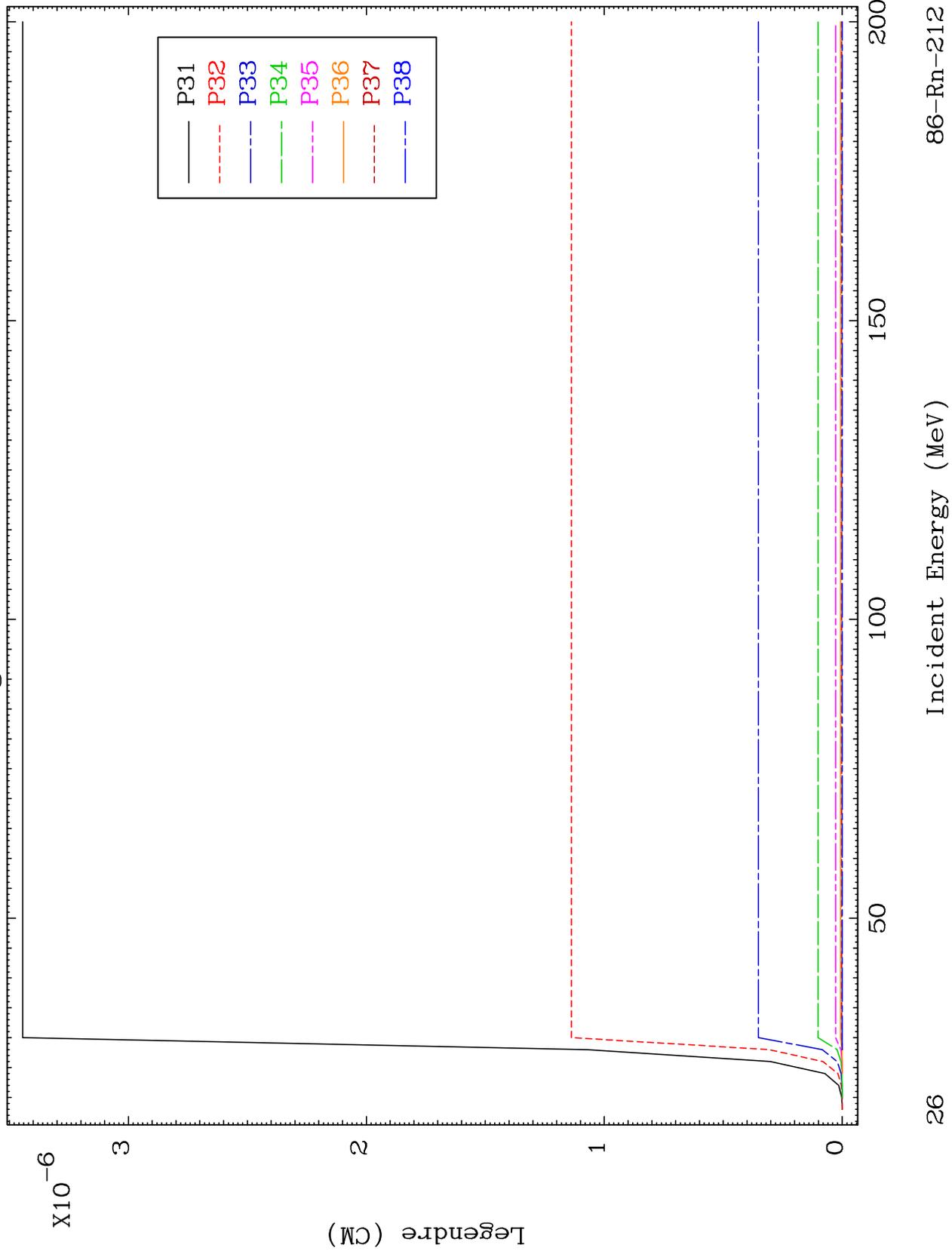
86-Rn-212



MAT 8628

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

86-Rn-212



86-Rn-212

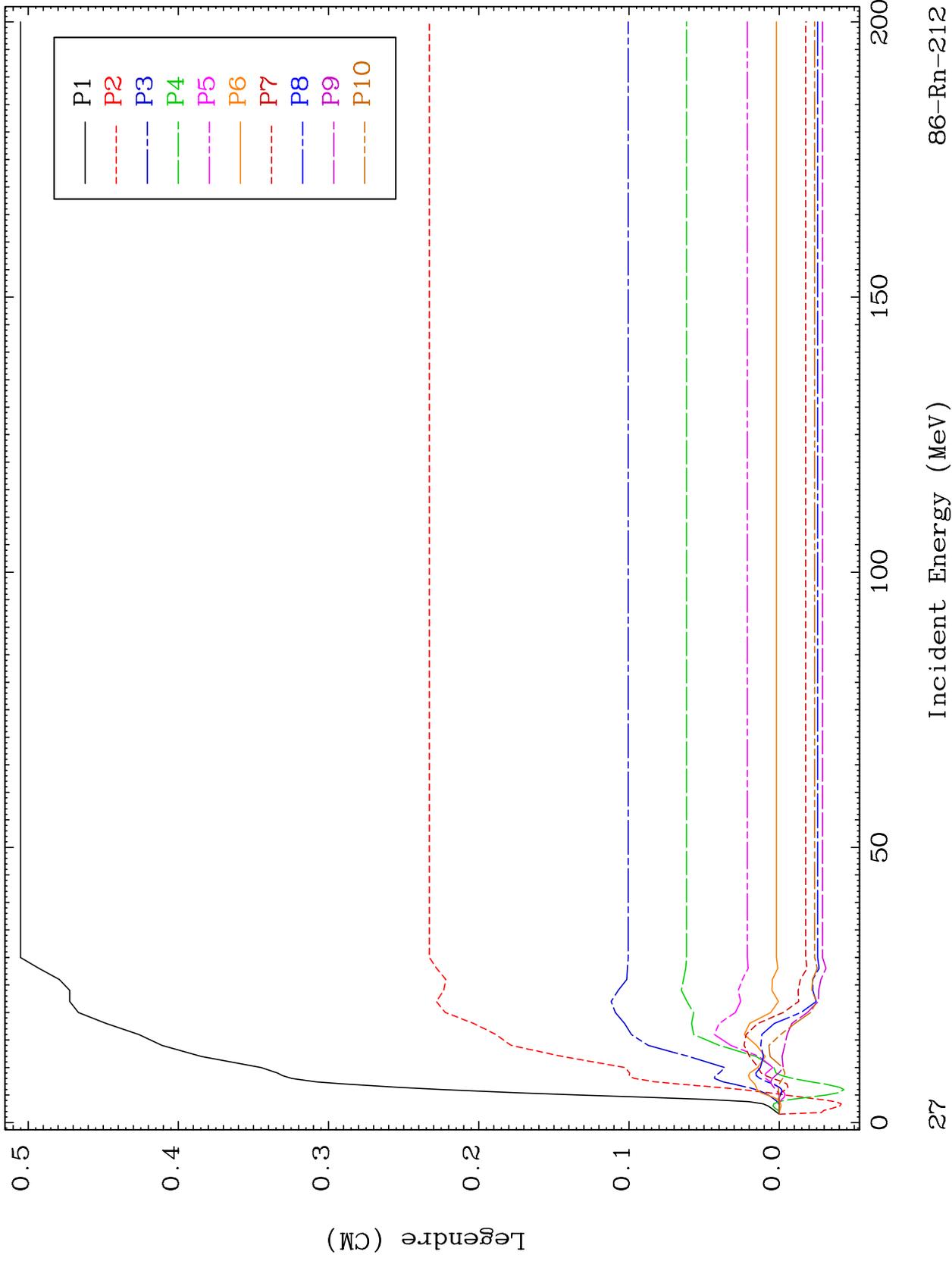
Incident Energy (MeV)

26

MAT 8628

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

86-Rn-212



27

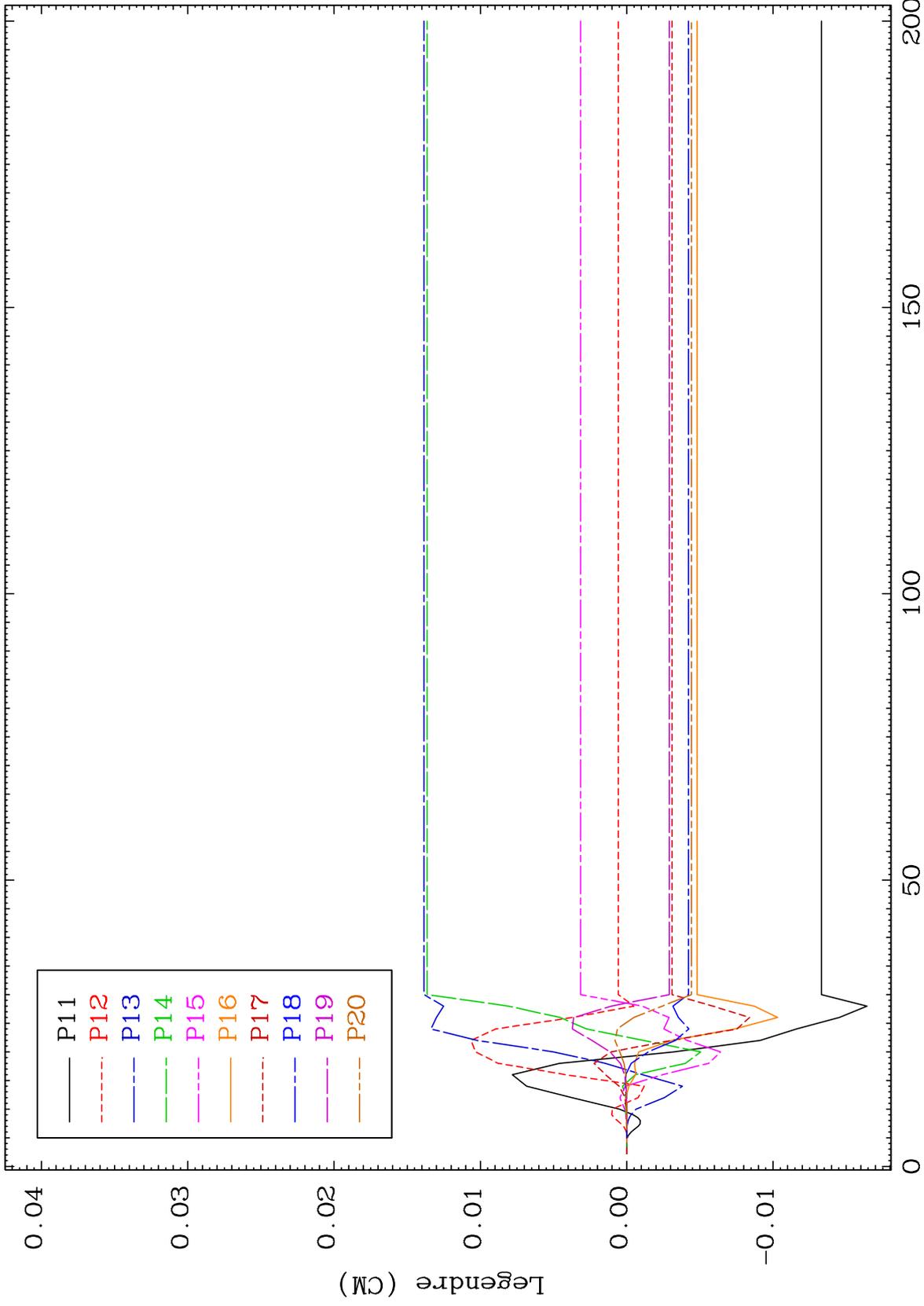
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

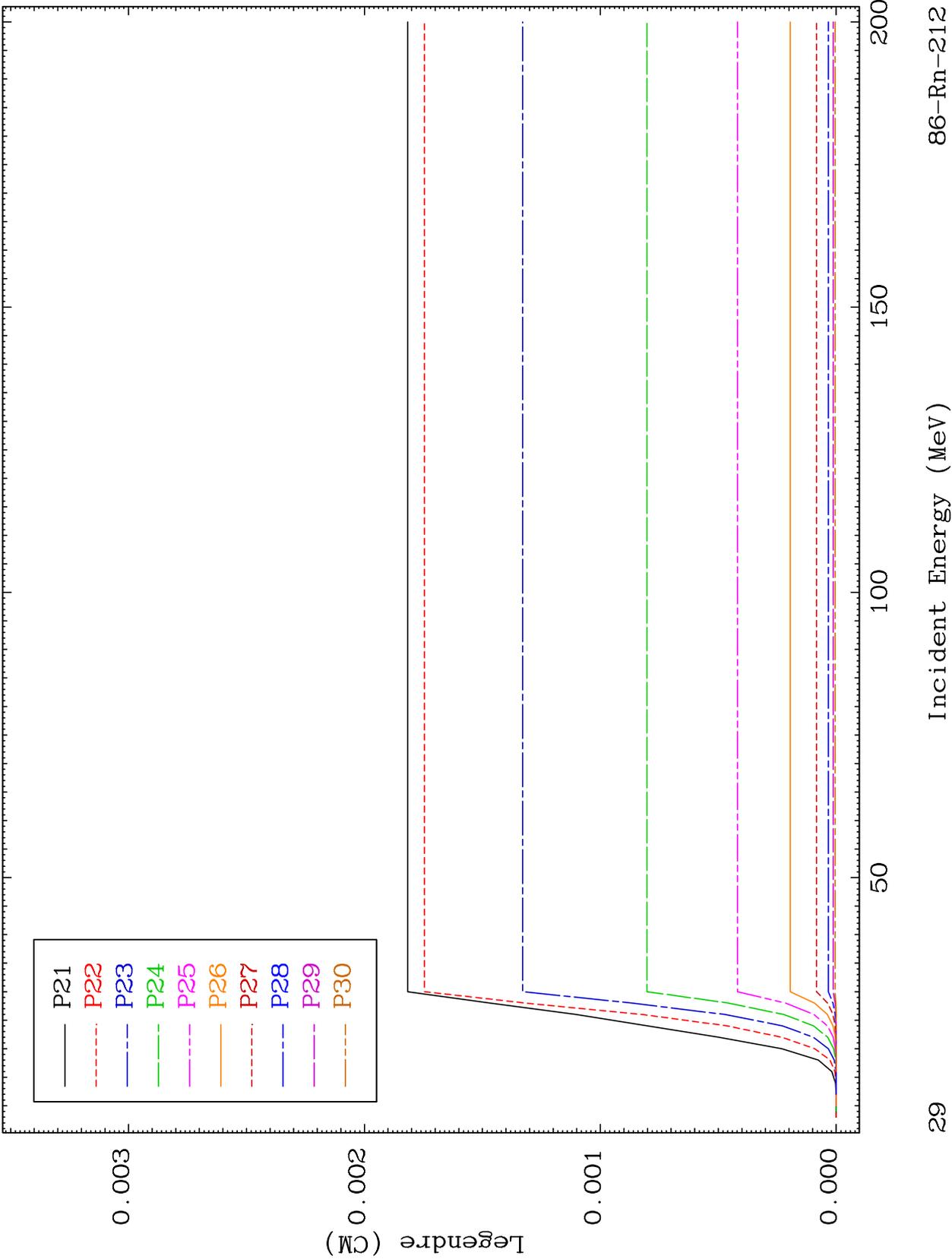
86-Rn-212



28

Incident Energy (MeV)

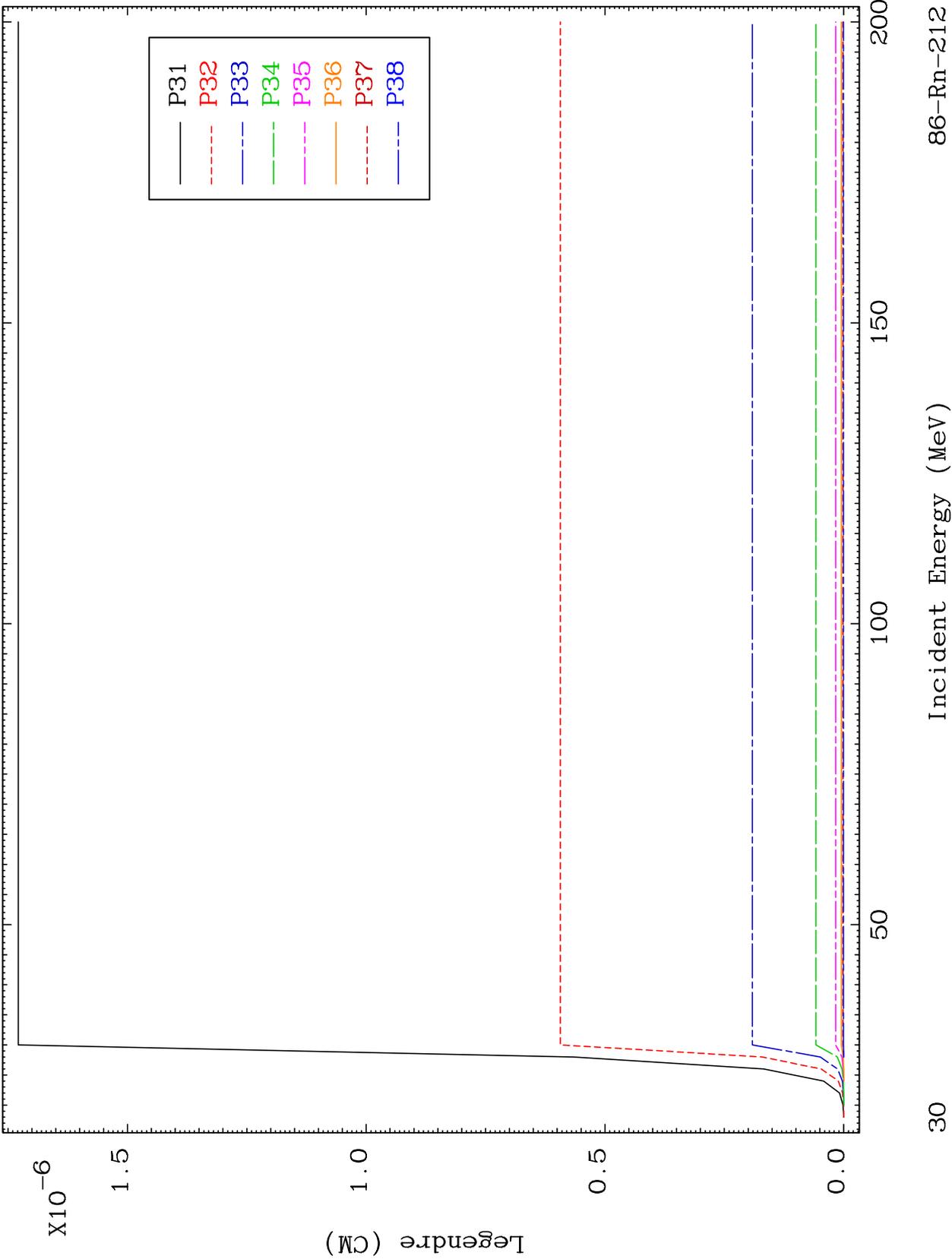
86-Rn-212



MAT 8628

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

86-Rn-212



86-Rn-212

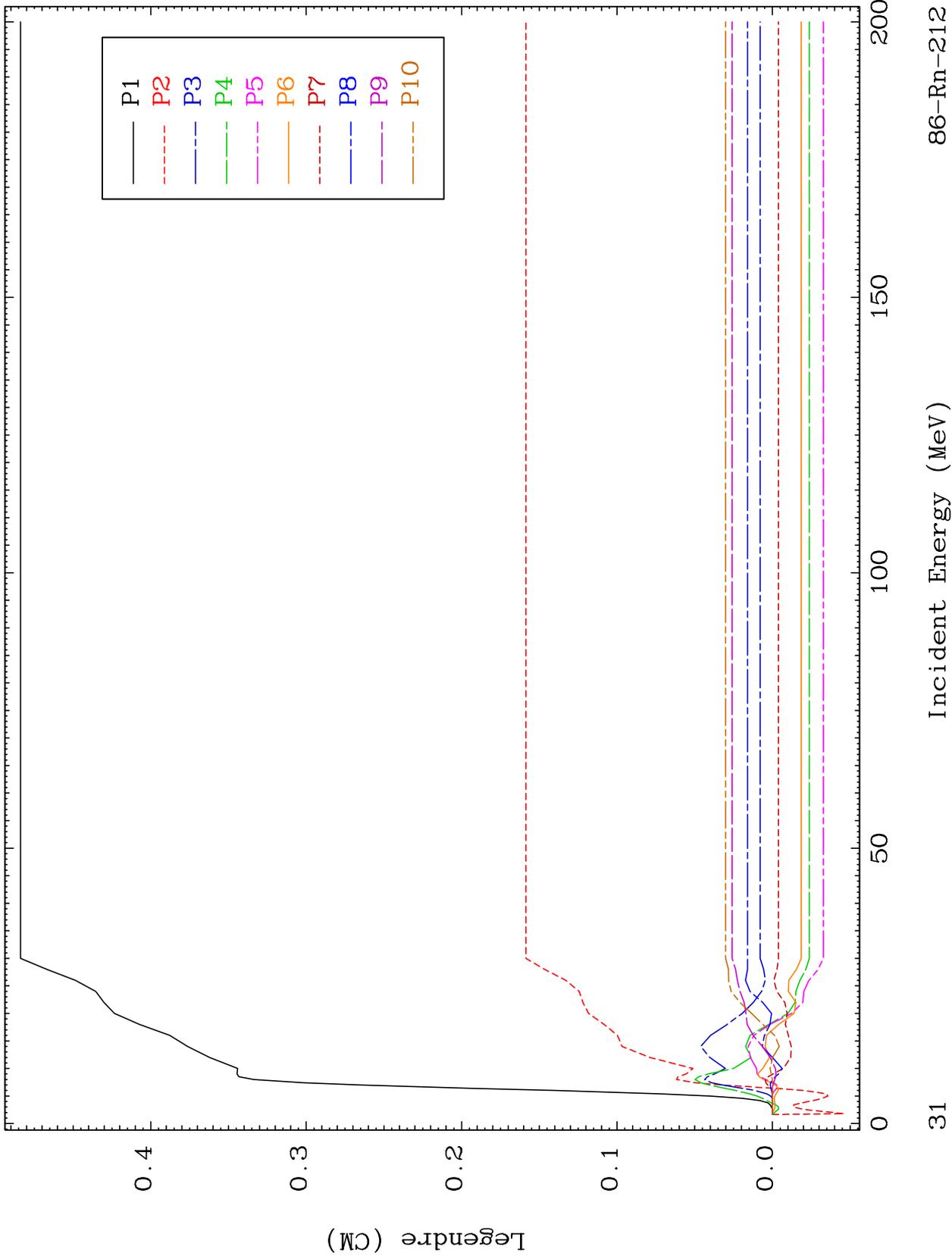
Incident Energy (MeV)

30

MAT 8628

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

86-Rn-212



86-Rn-212

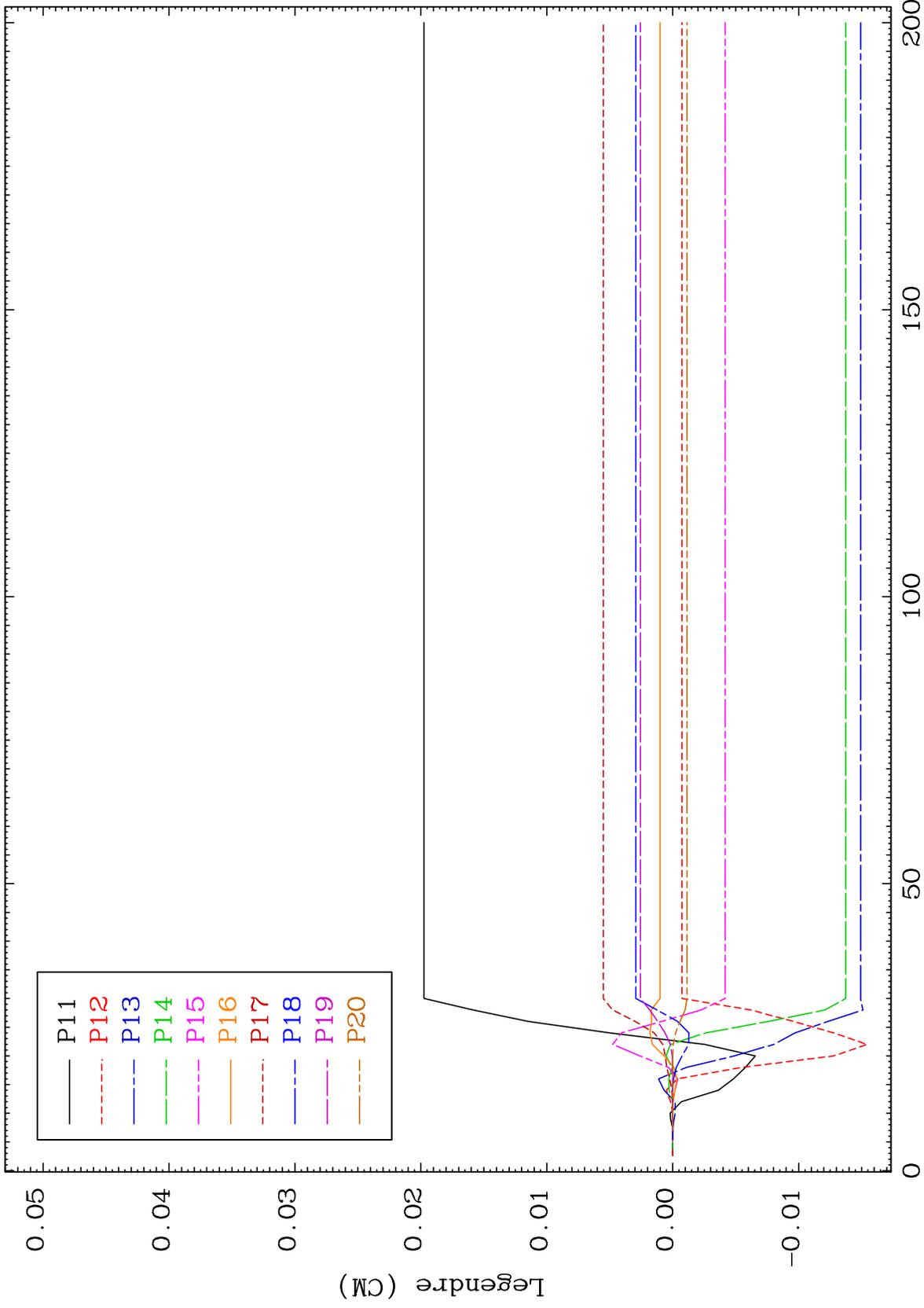
Incident Energy (MeV)

31

MAT 8628

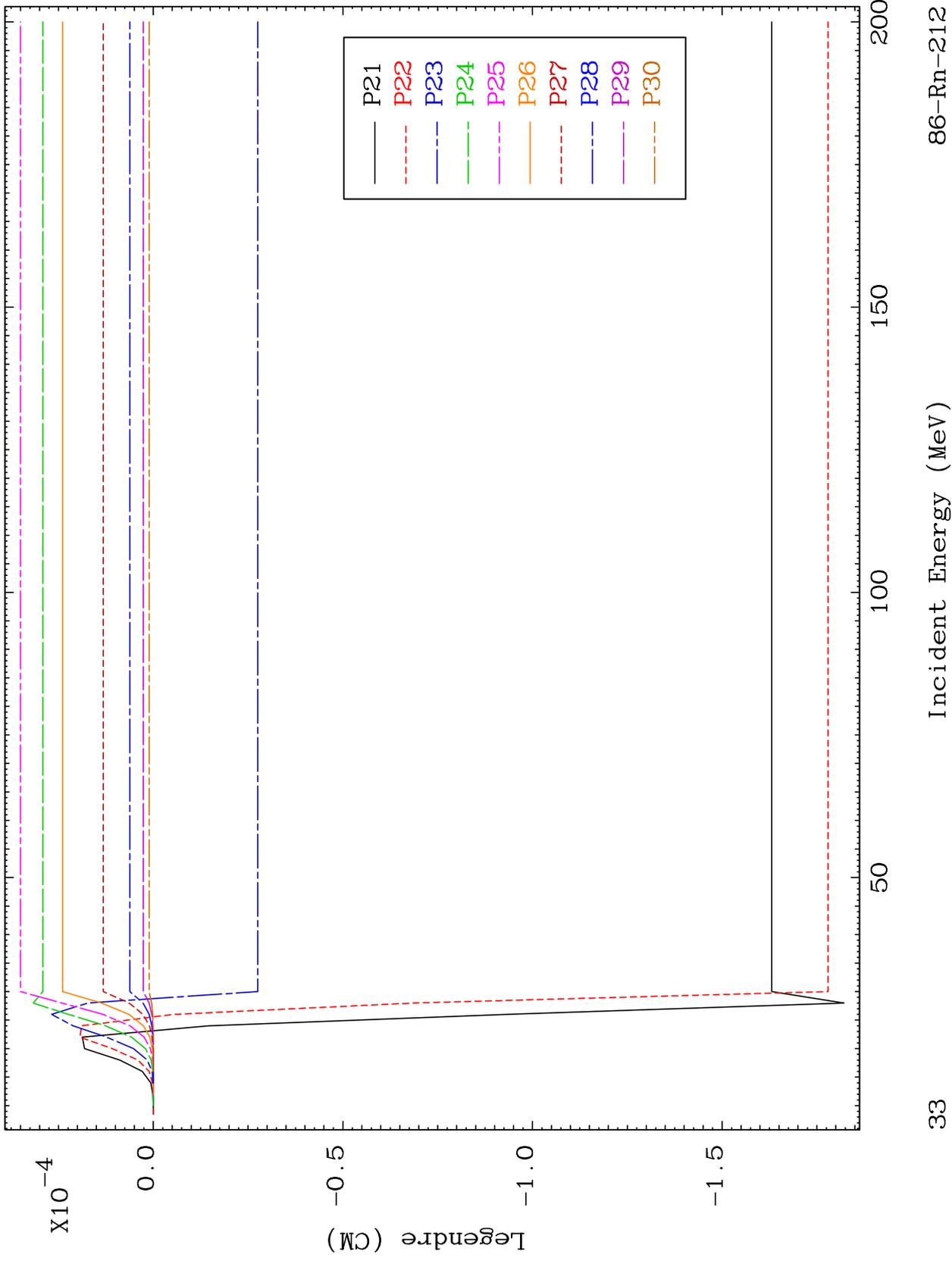
MT= 53 (n,n') Level
Legendre Coefficients

86-Rn-212



32

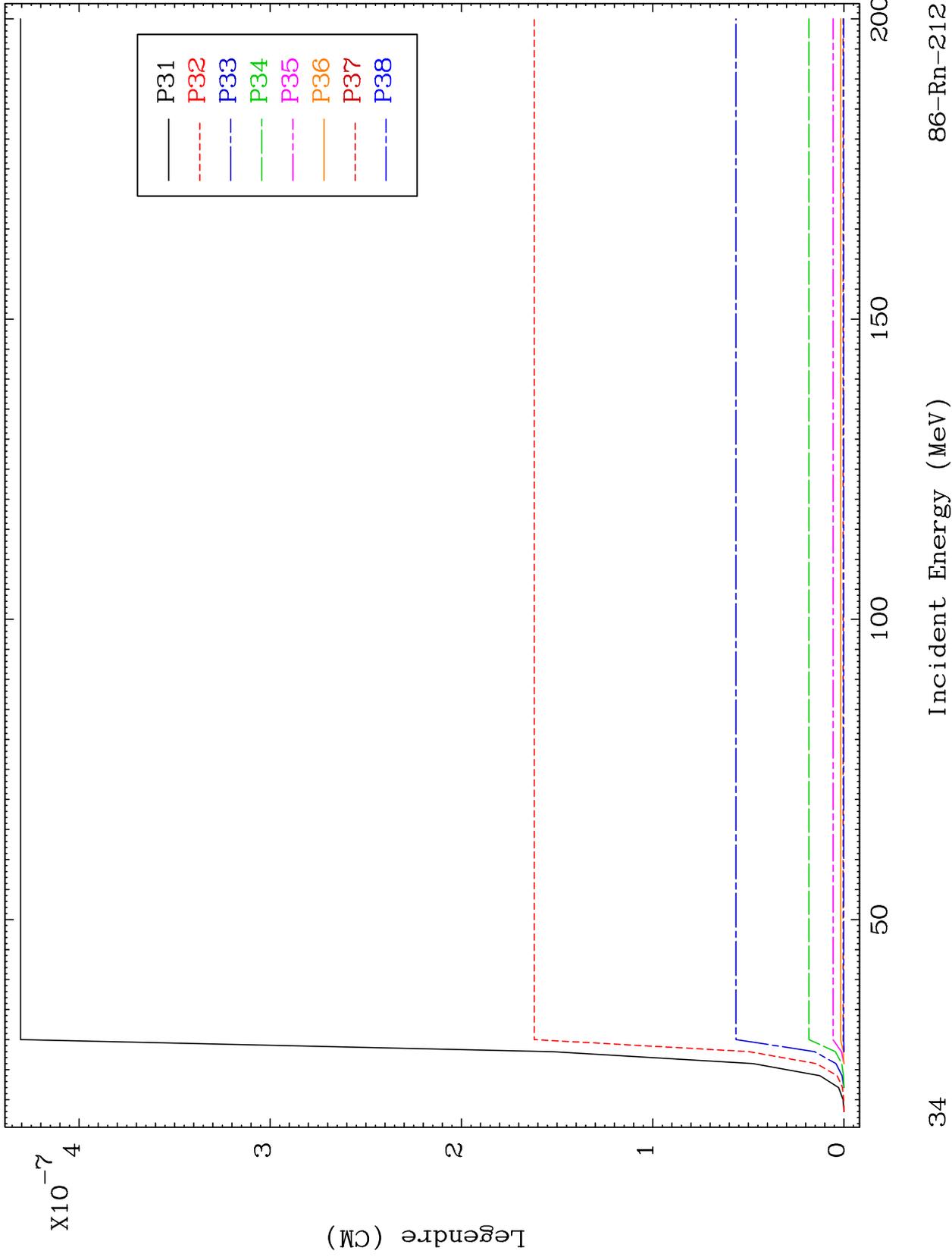
86-Rn-212



MAT 8628

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

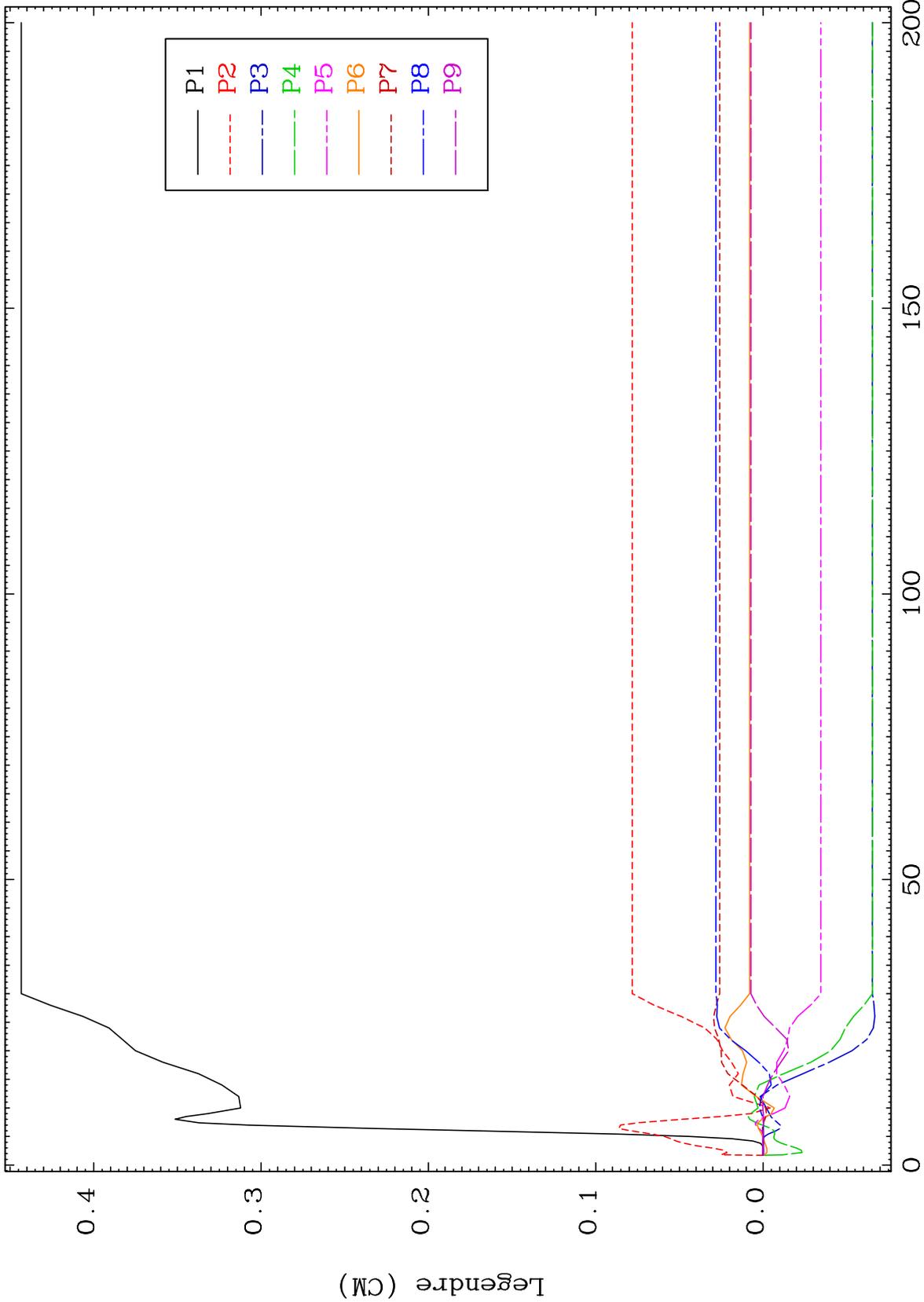
86-Rn-212



MAT 8628

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

86-Rn-212



86-Rn-212

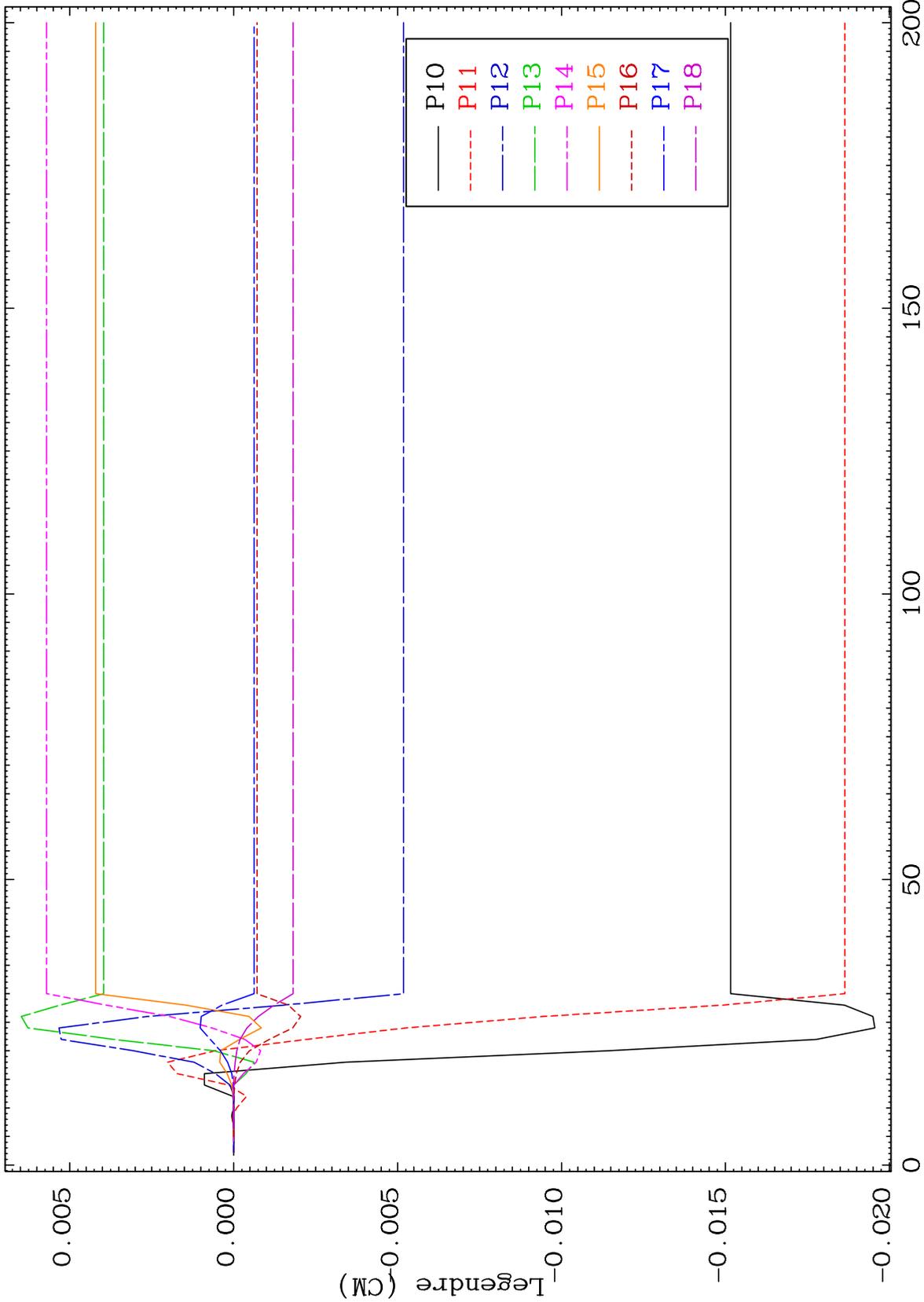
Incident Energy (MeV)

35

MAT 8628

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

86-Rn-212



36

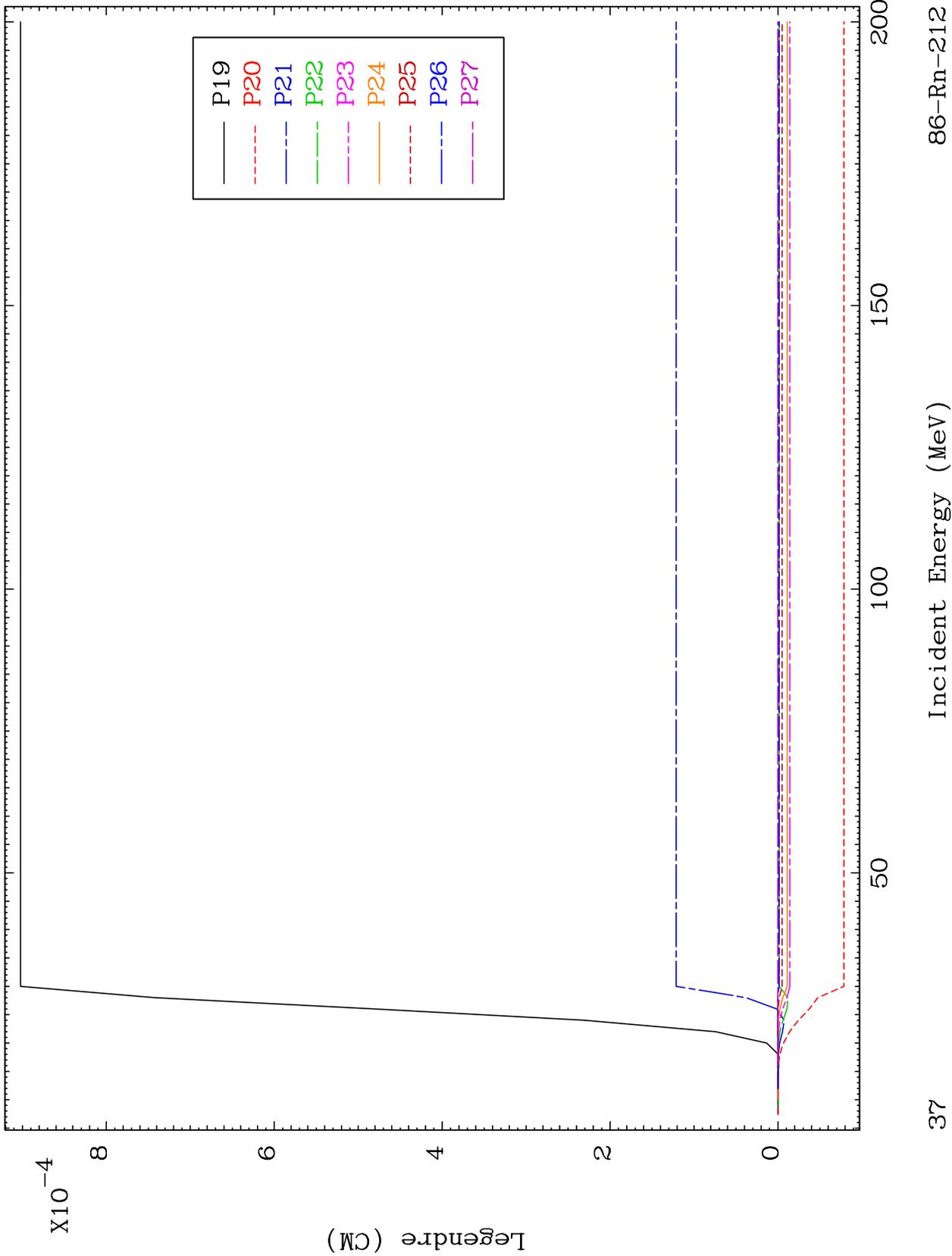
Incident Energy (MeV)

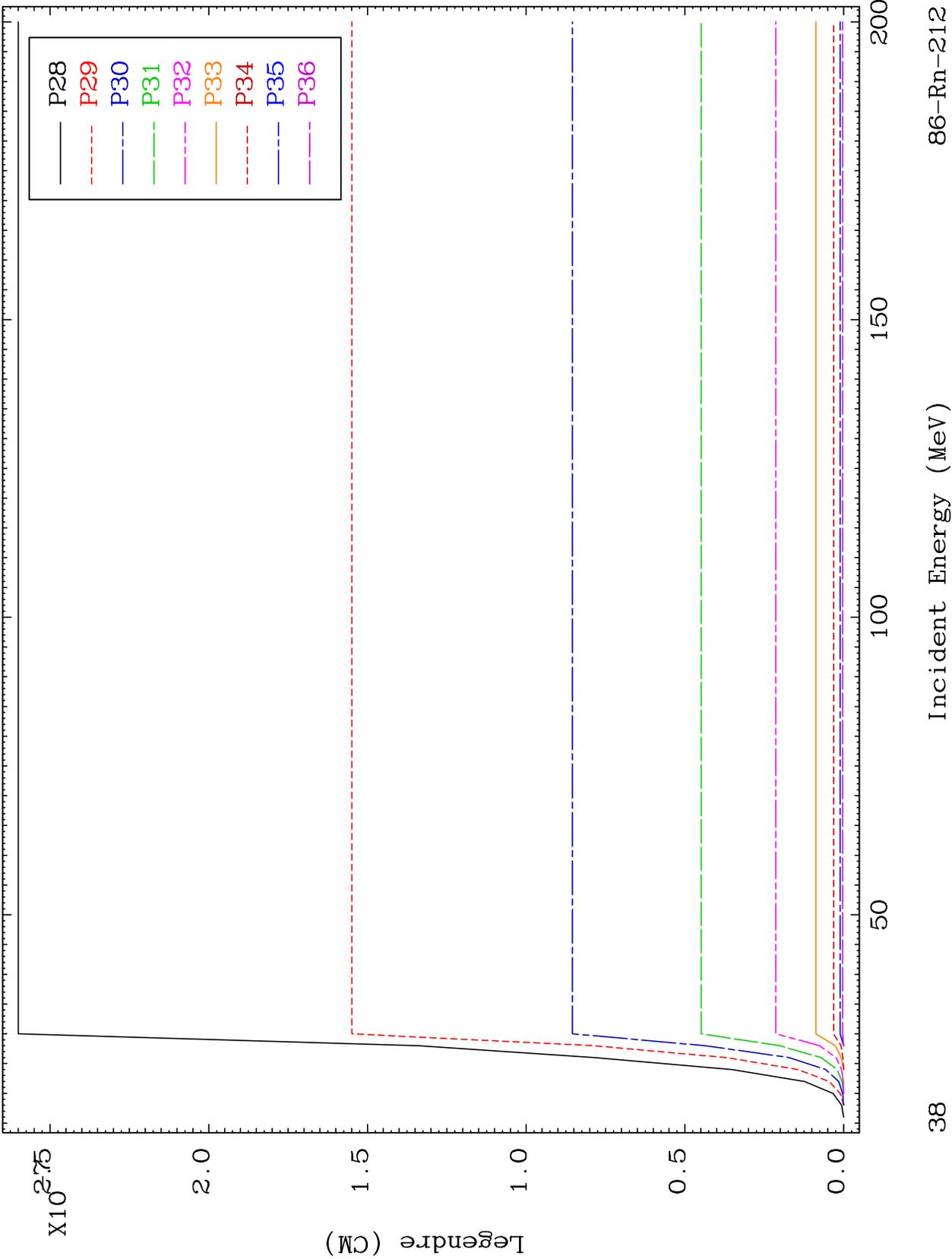
86-Rn-212

MAT 8628

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

86-Rn-212

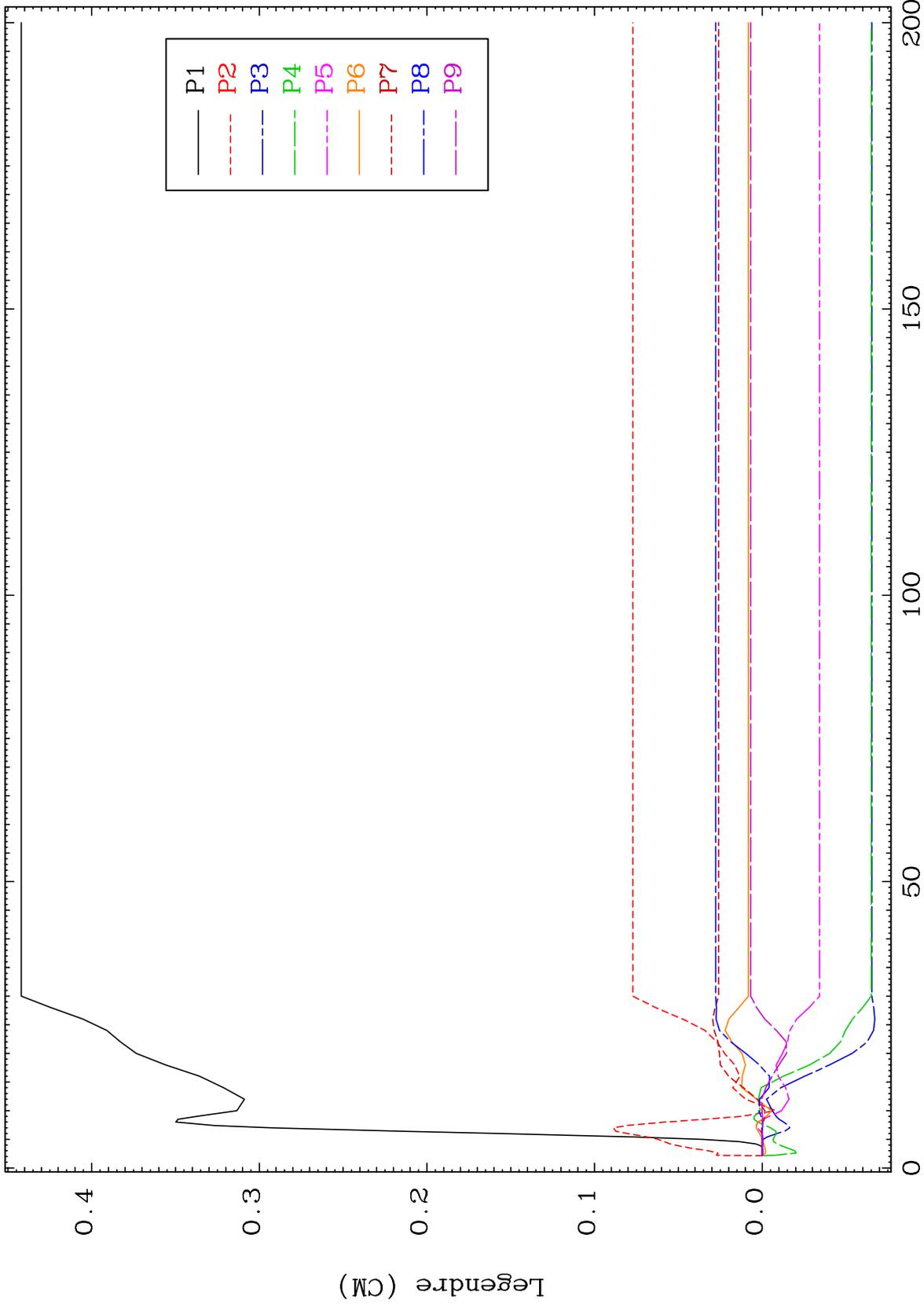




MAT 8628

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

86-Rn-212



39

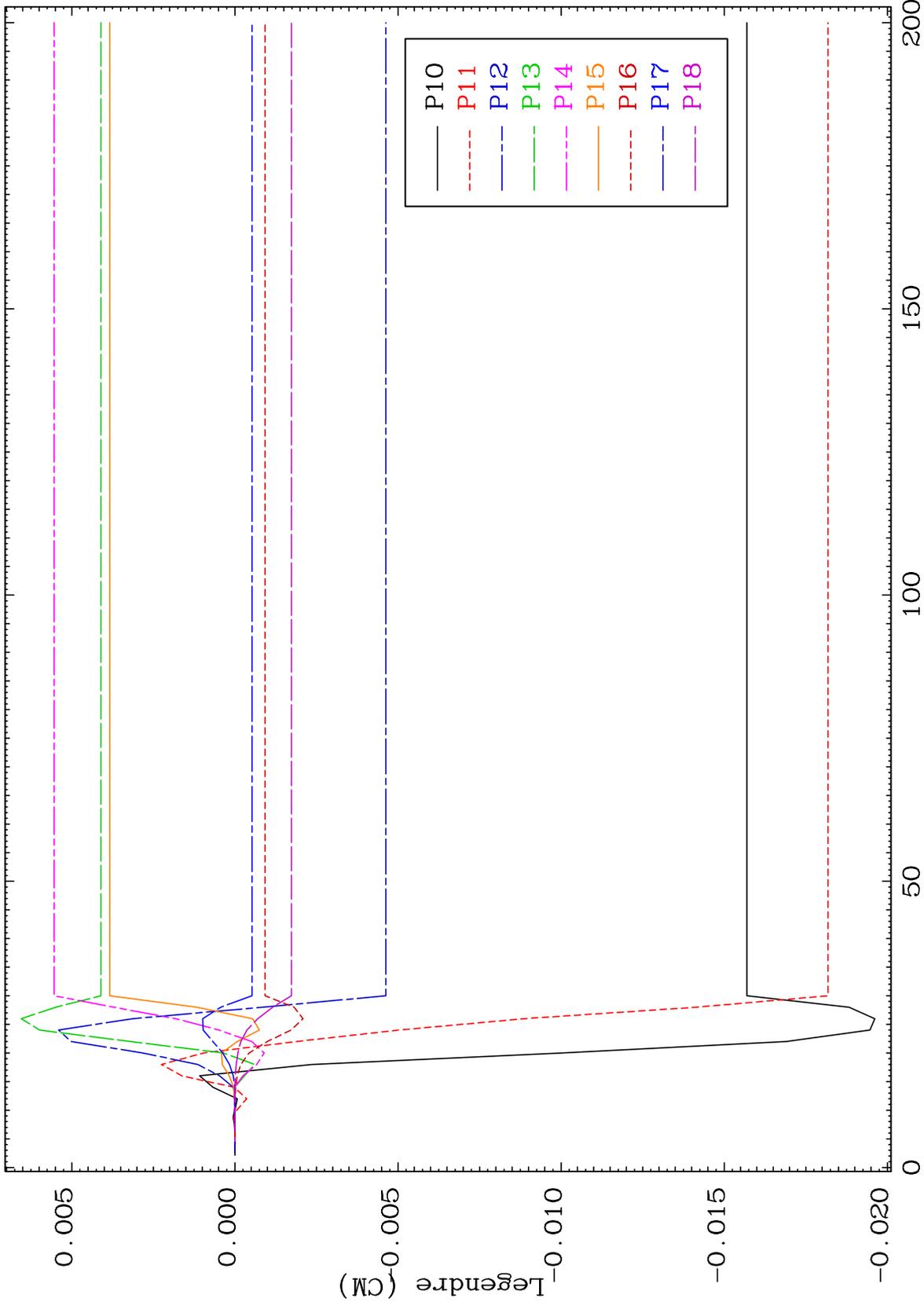
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



86-Rn-212

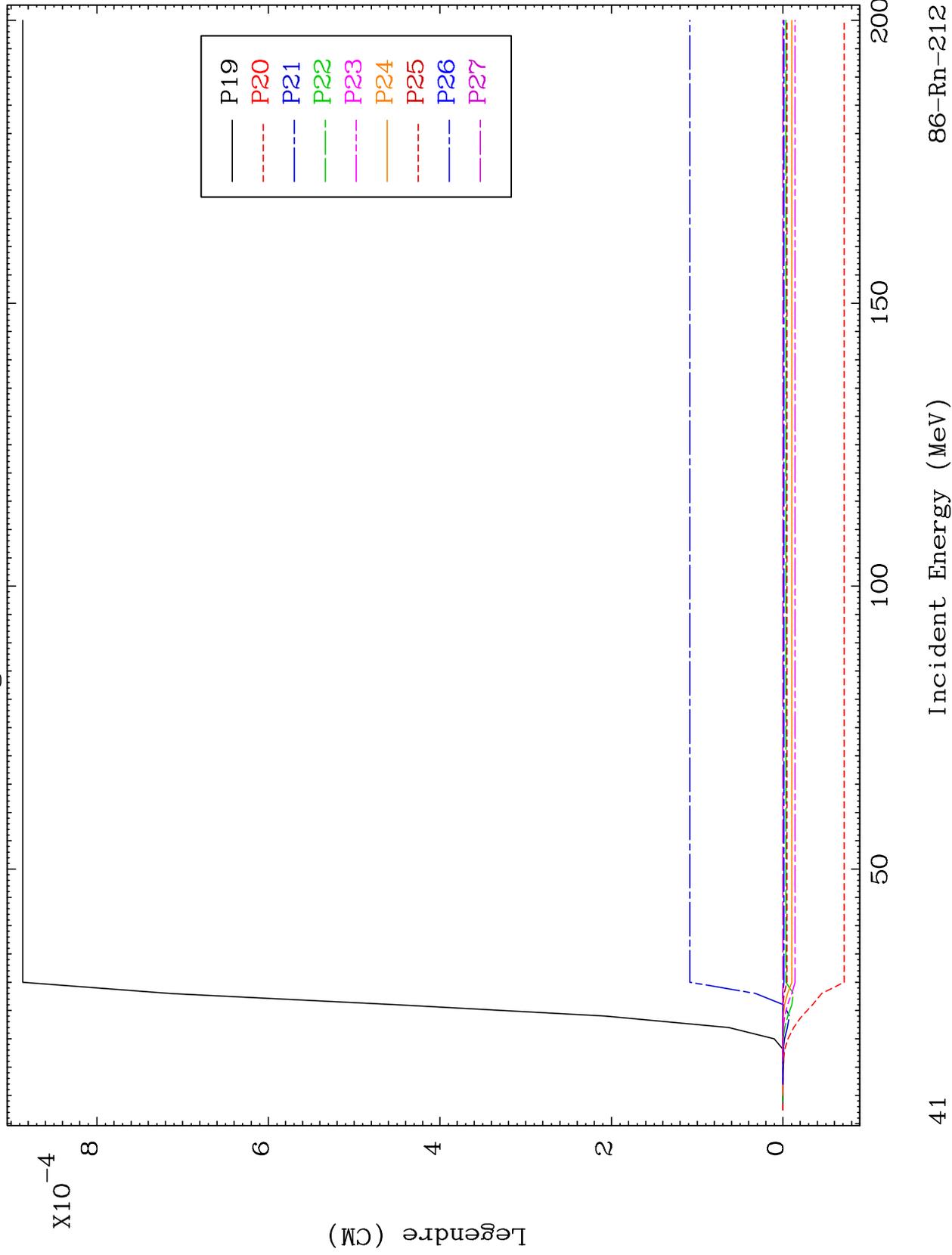
Incident Energy (MeV)

40

MAT 8628

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

86-Rn-212



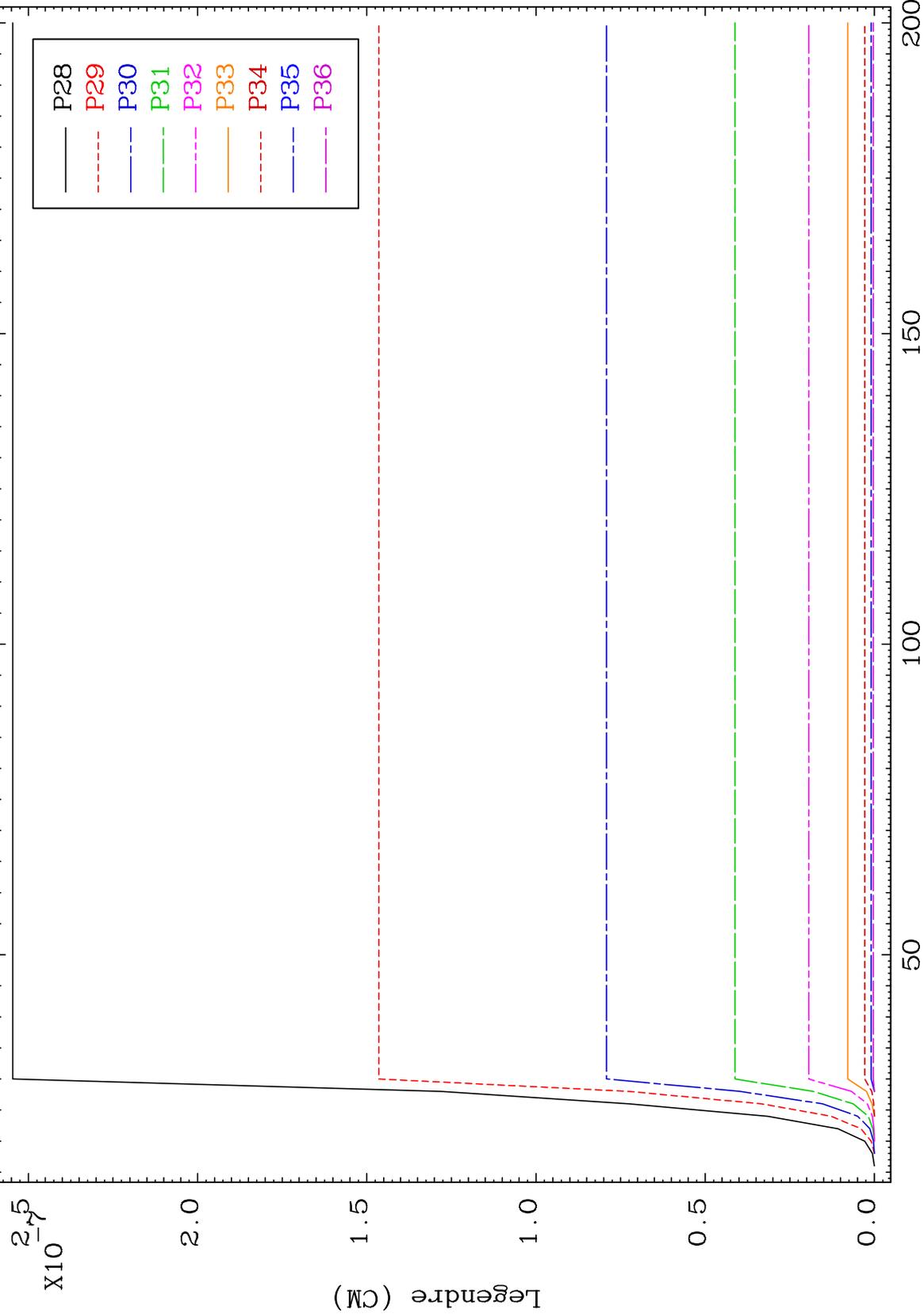
41

86-Rn-212

MAT 8628

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

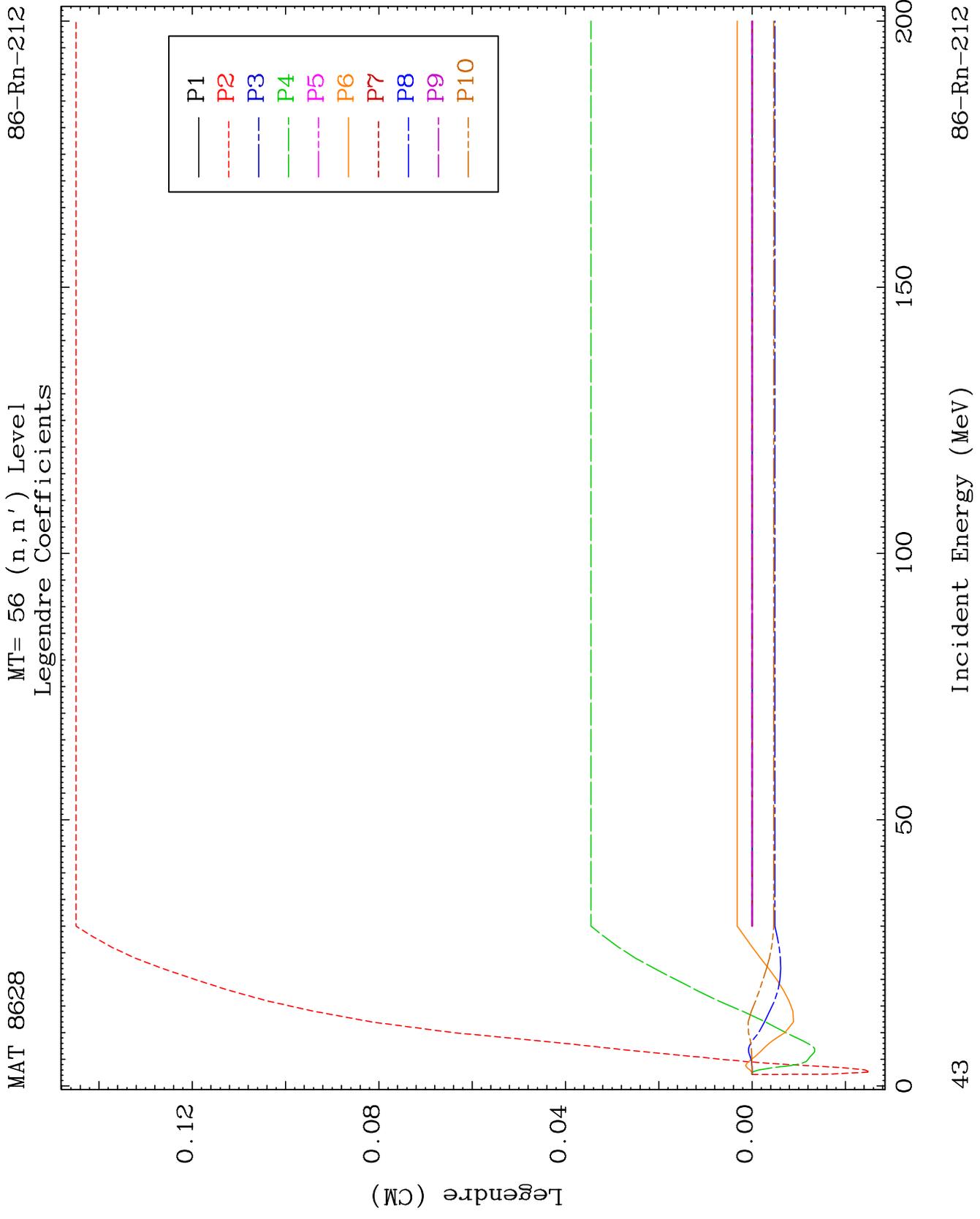
86-Rn-212



42

Incident Energy (MeV)

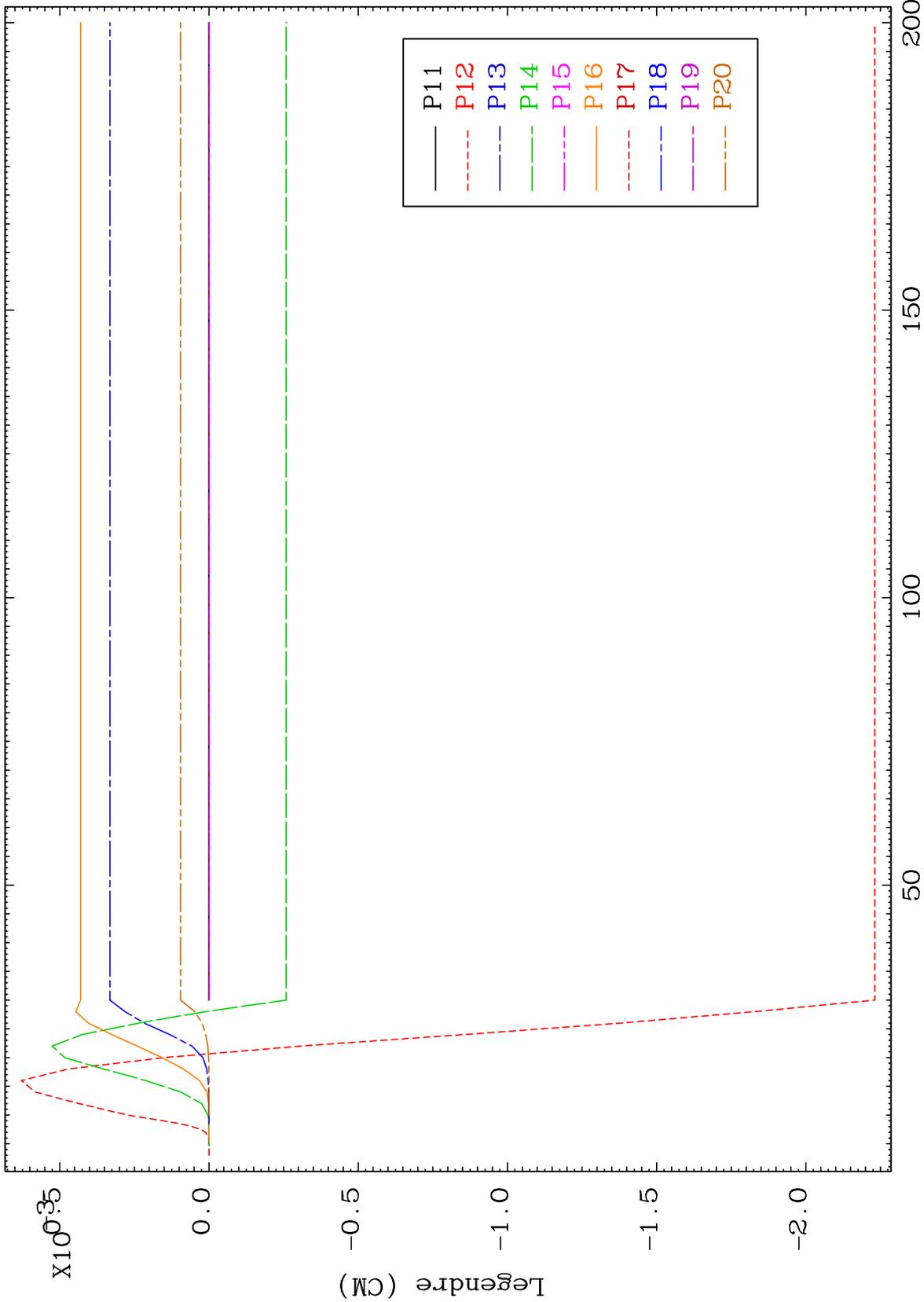
86-Rn-212



86-Rn-212

86-Rn-212

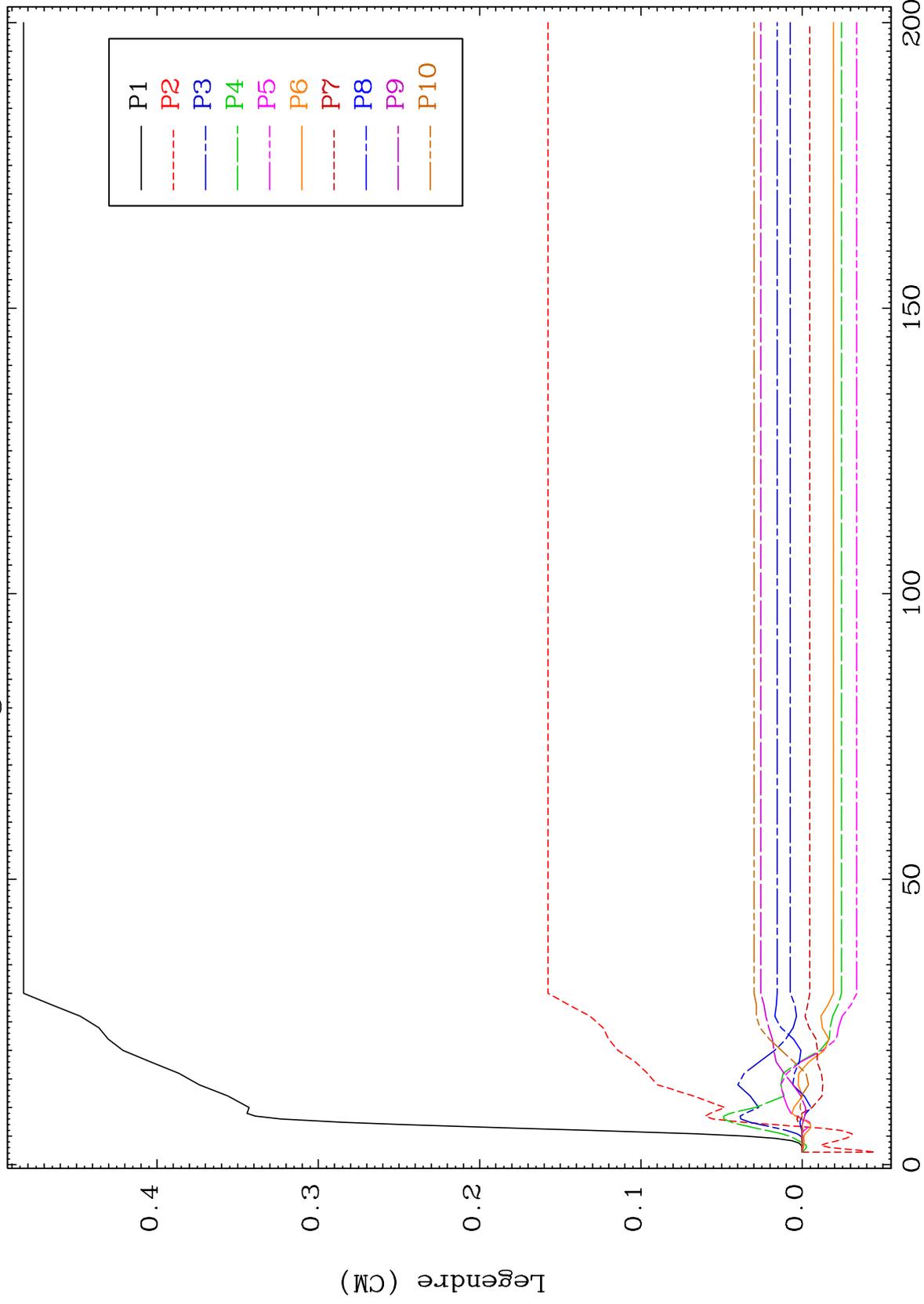
43



MAT 8628

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

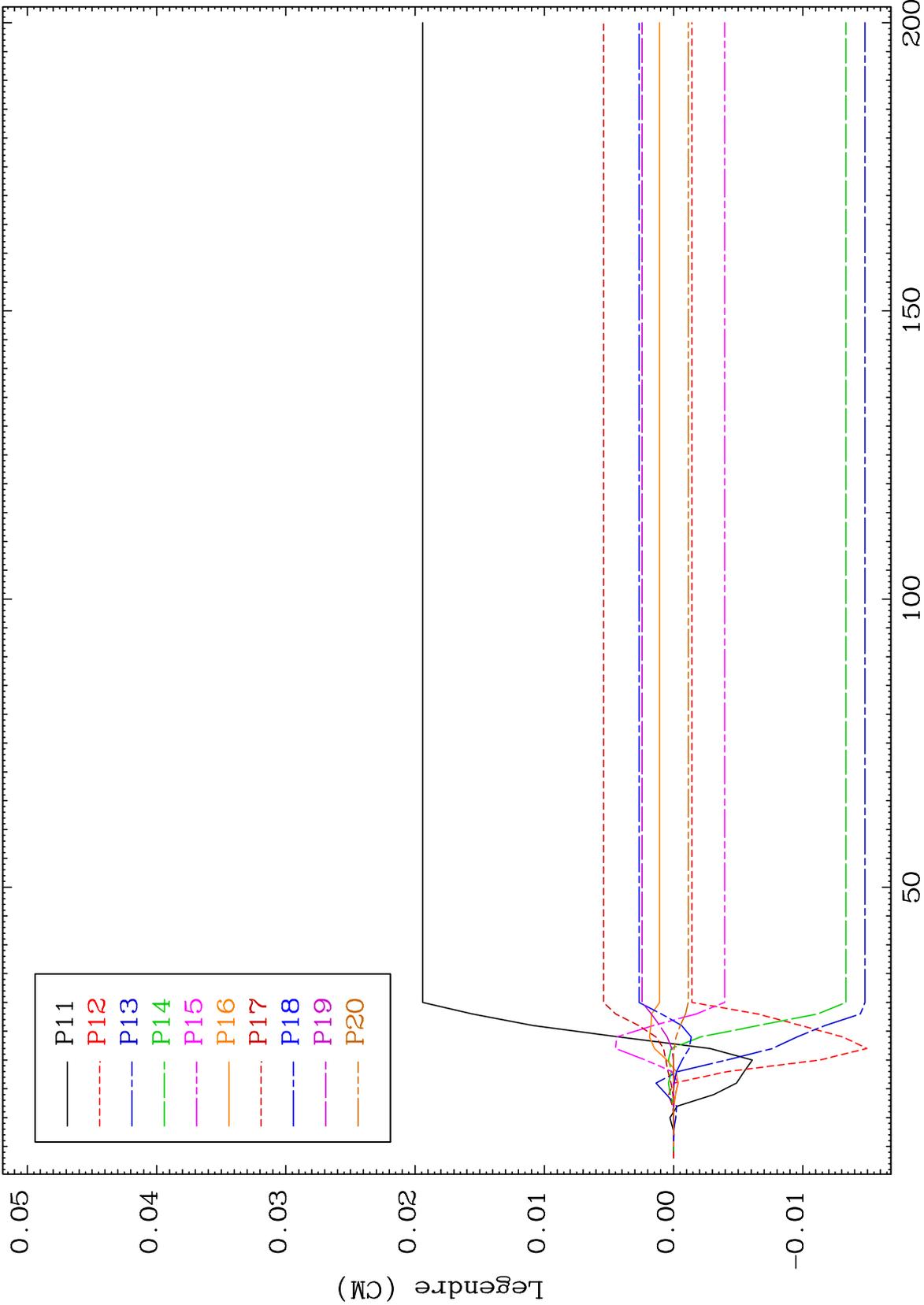
86-Rn-212



86-Rn-212

Incident Energy (MeV)

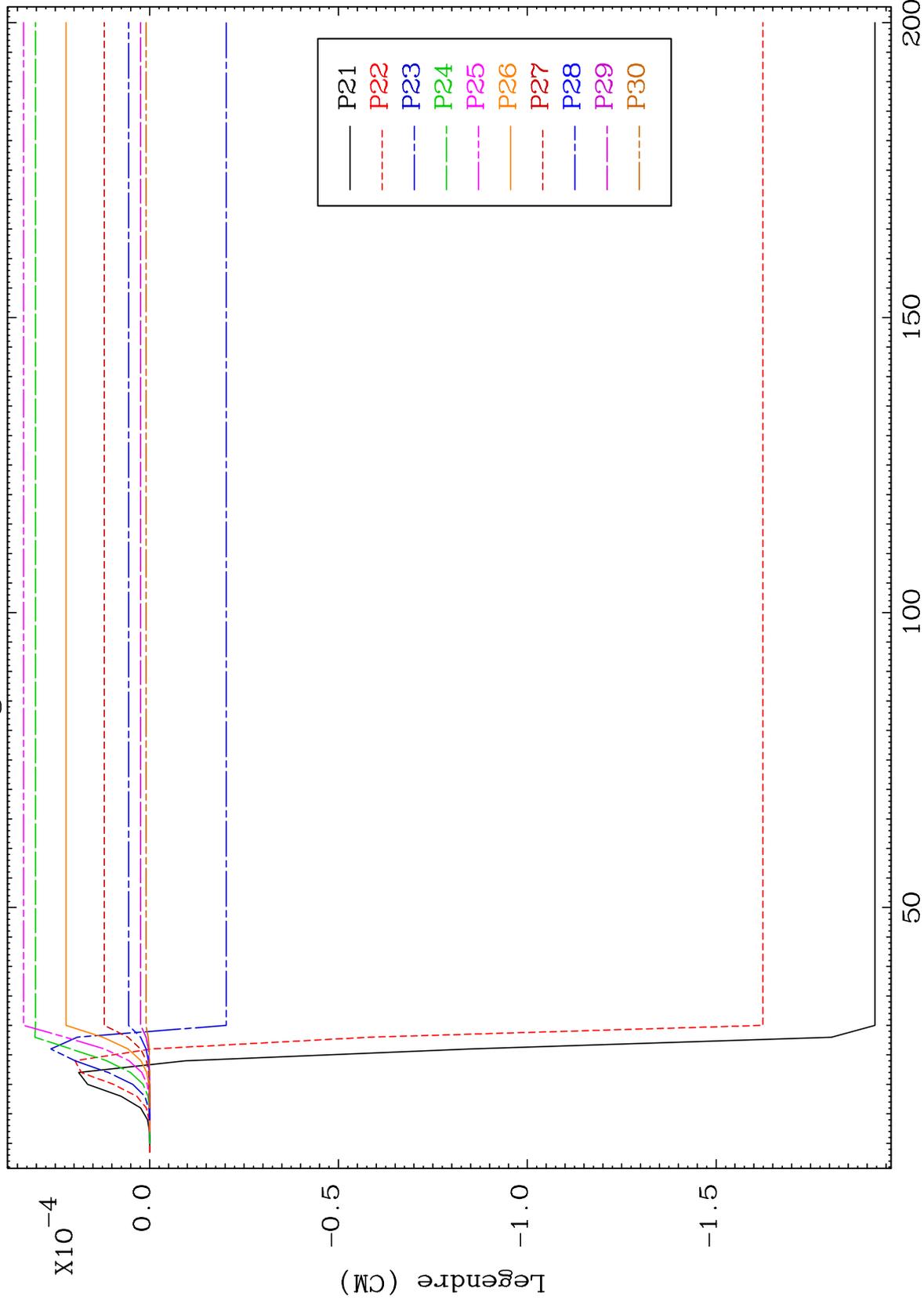
46



MAT 8628

86-Rn-212

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



48

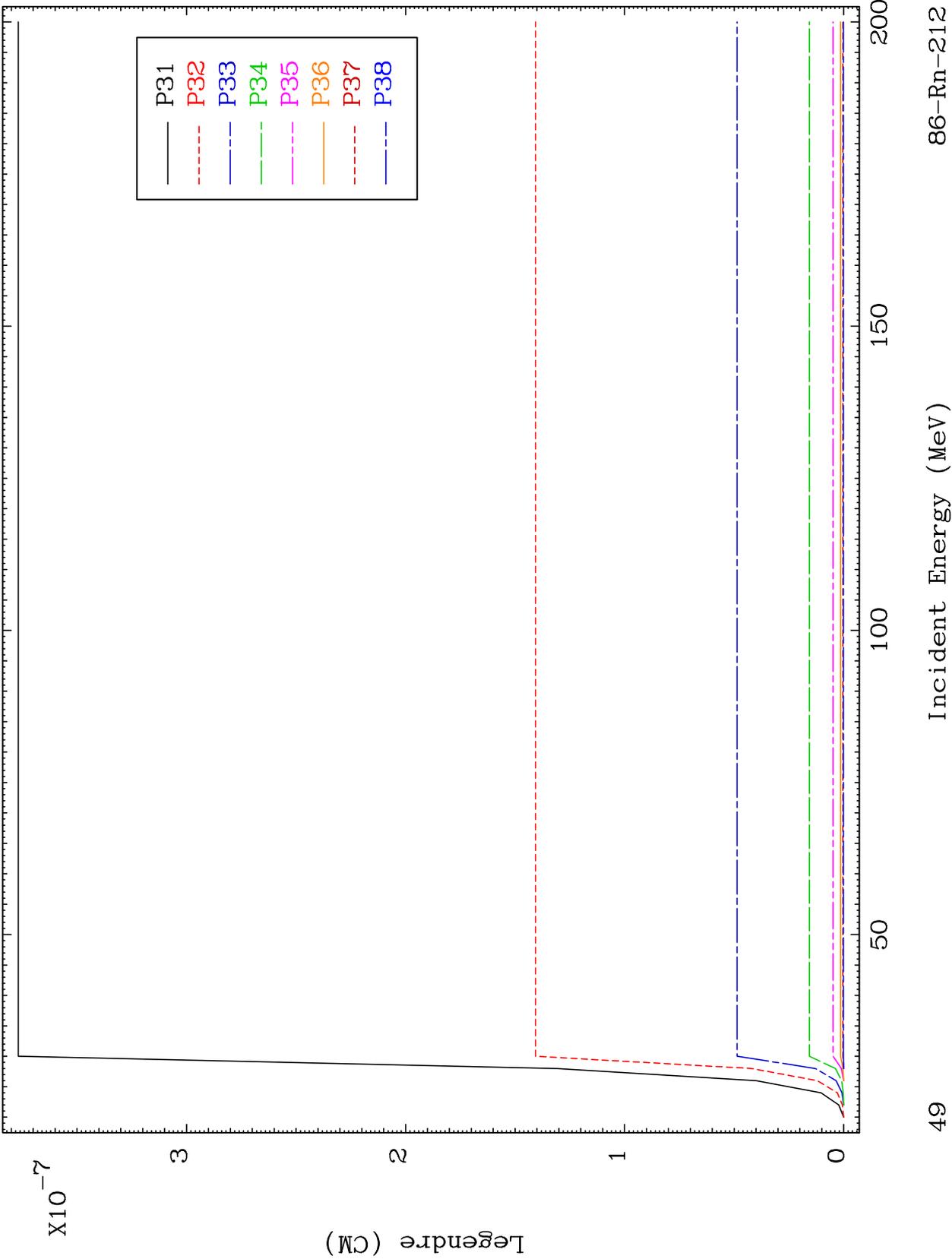
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

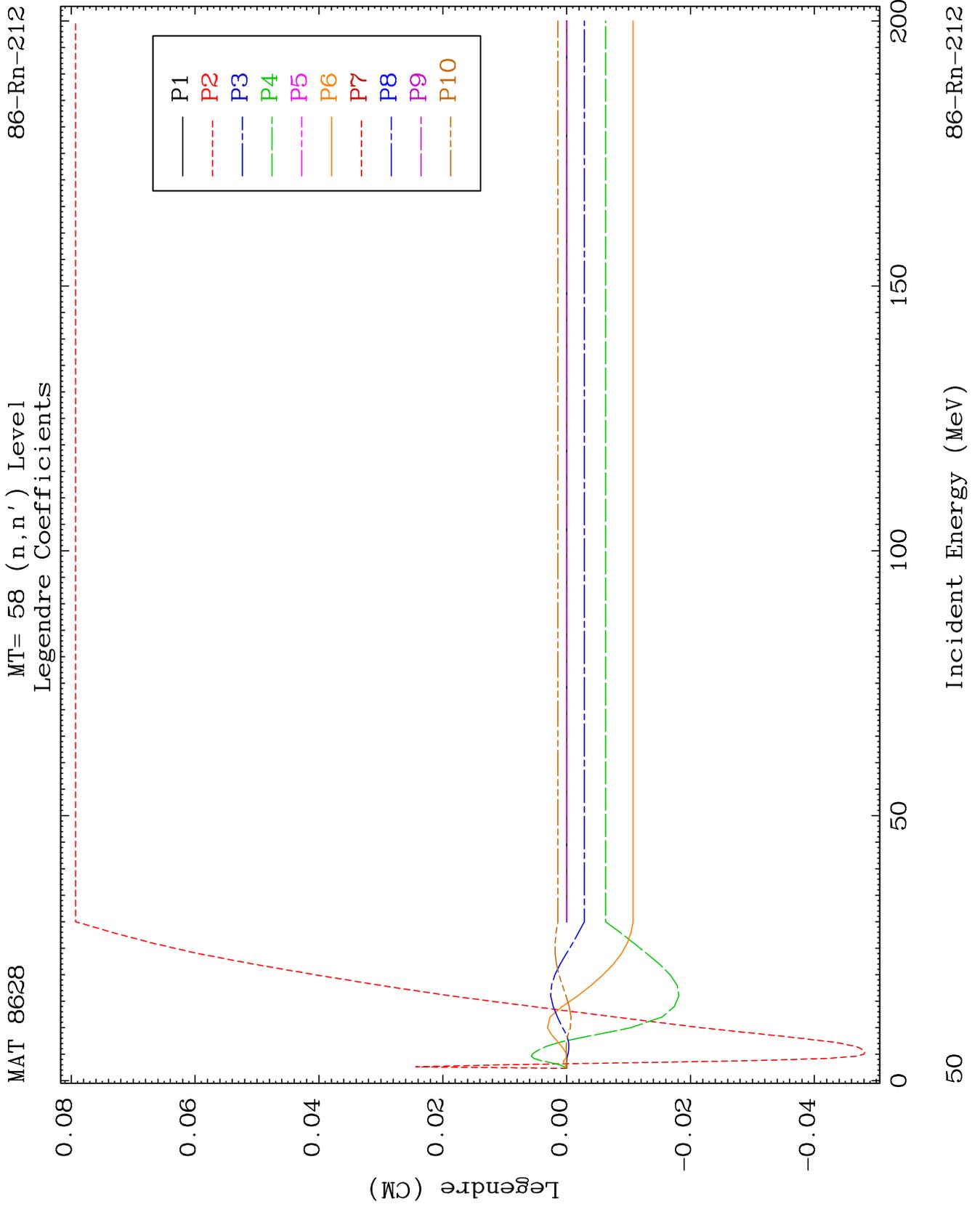
86-Rn-212

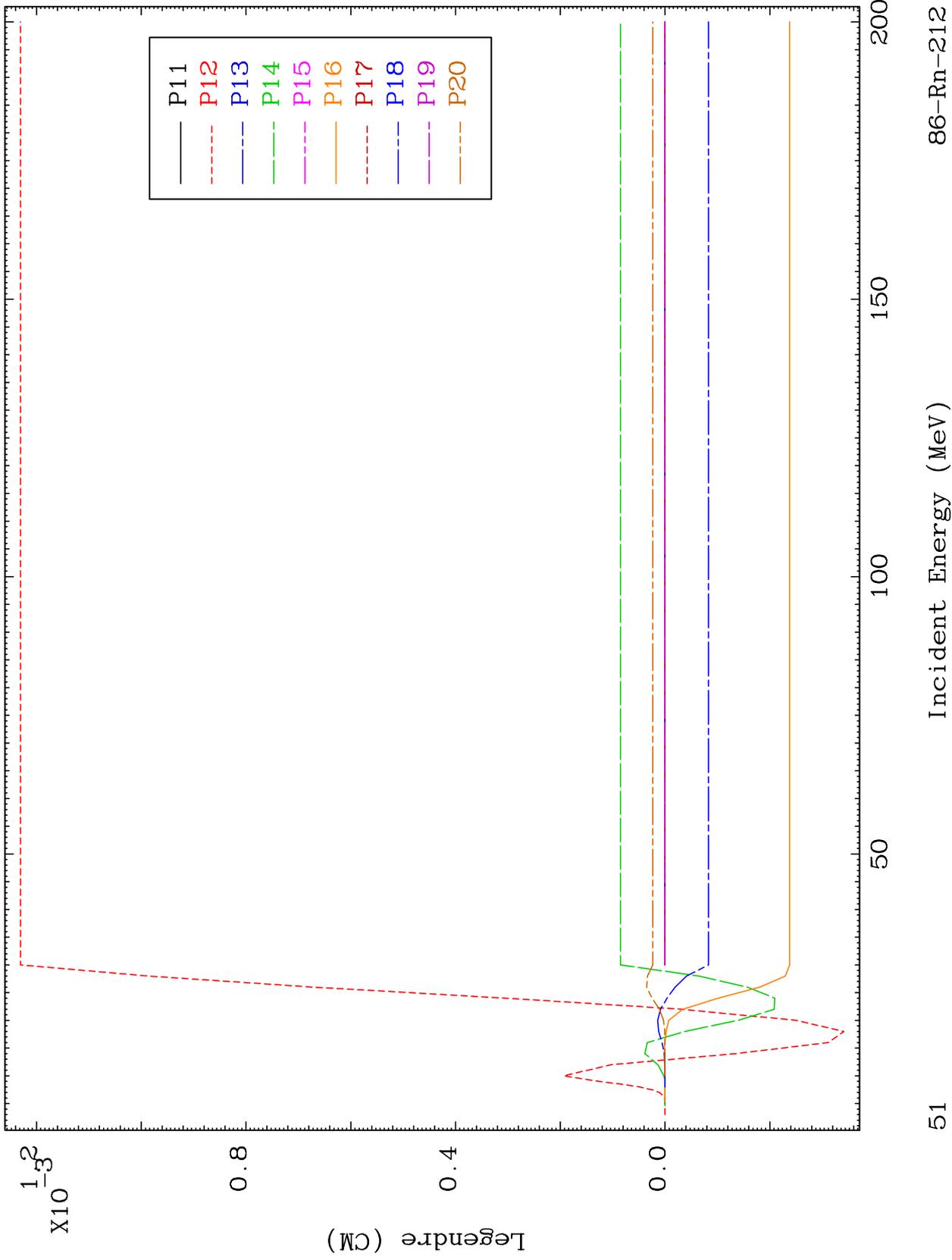


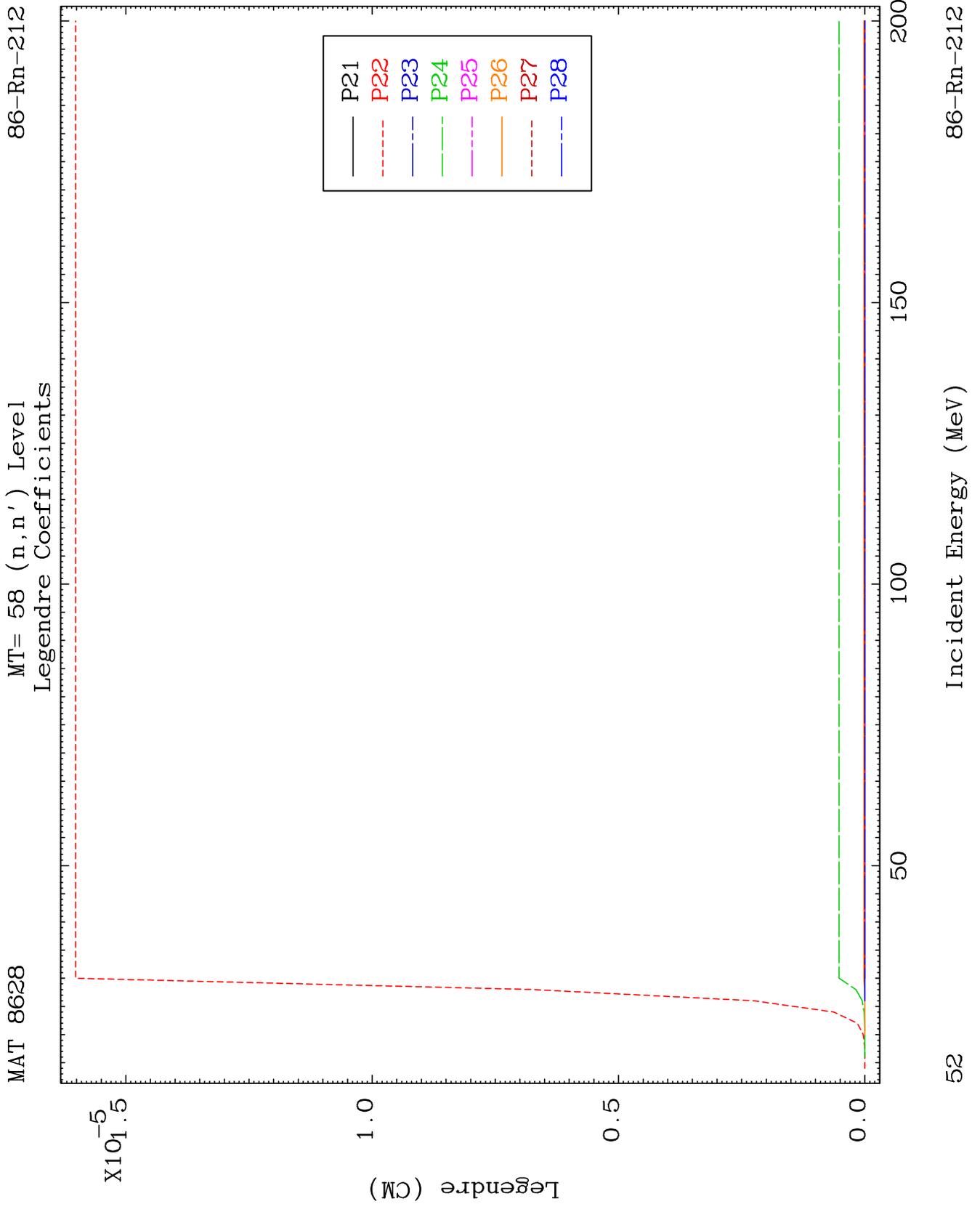
49

Incident Energy (MeV)

86-Rn-212



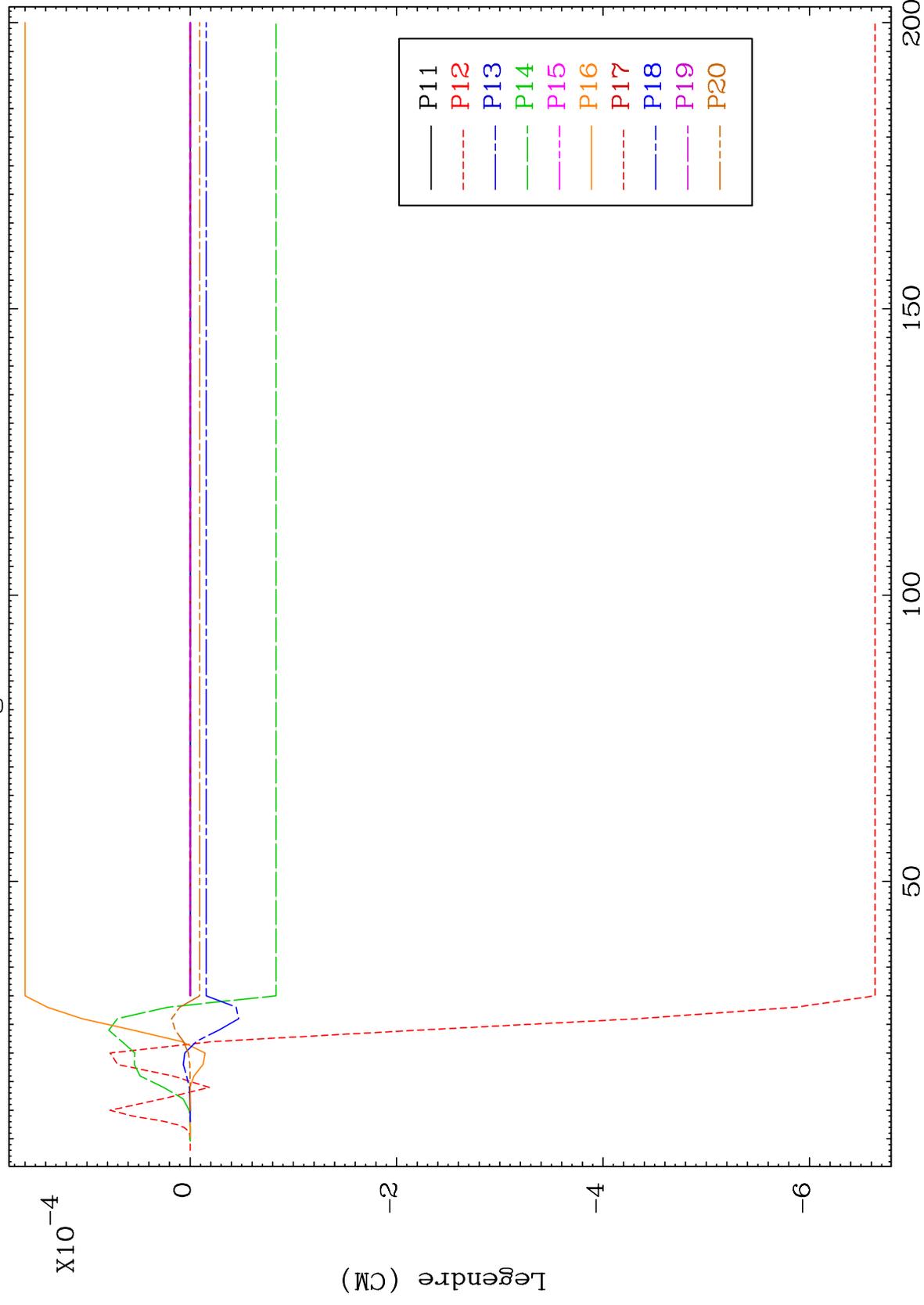




MAT 8628

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

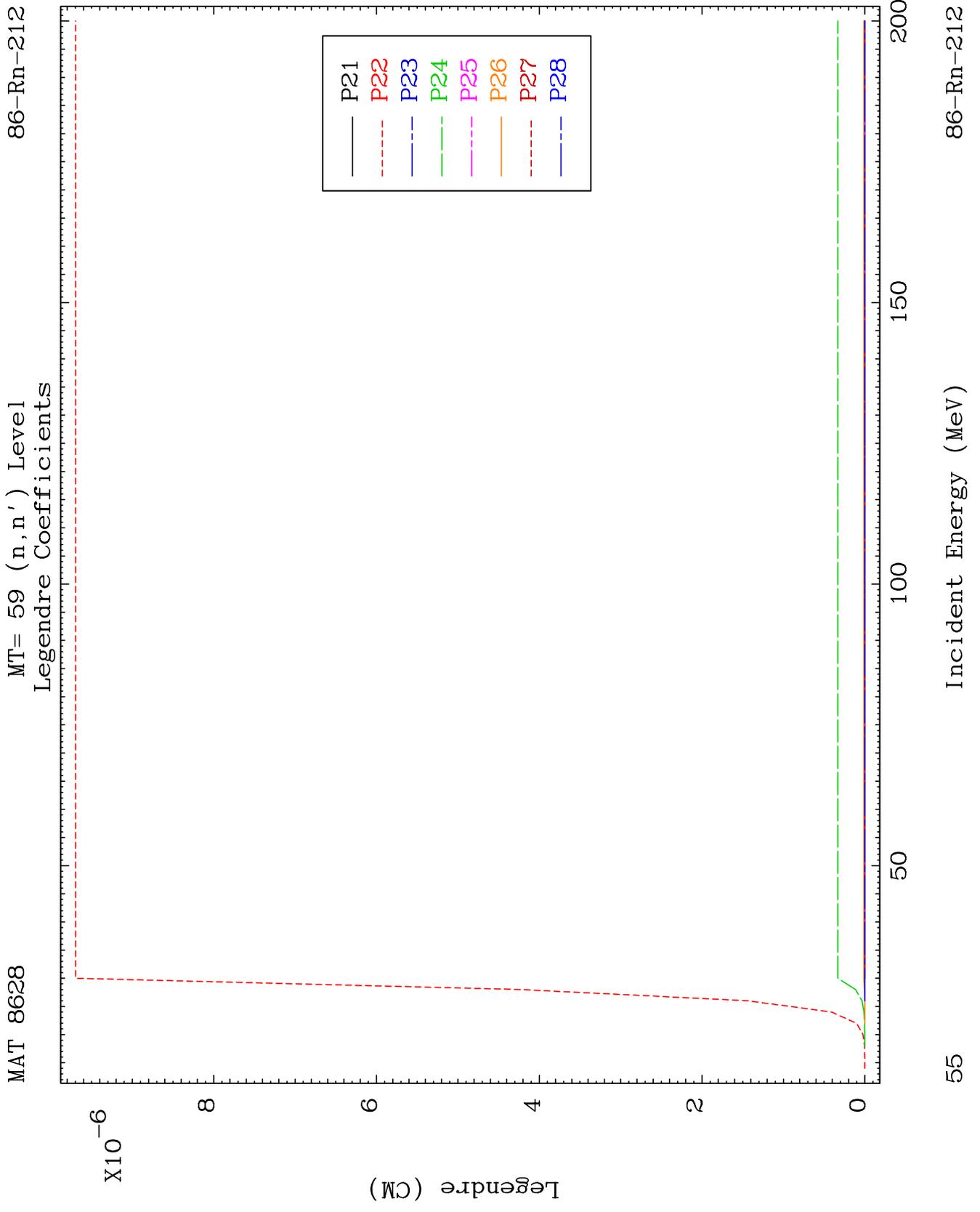
86-Rn-212



54

Incident Energy (MeV)

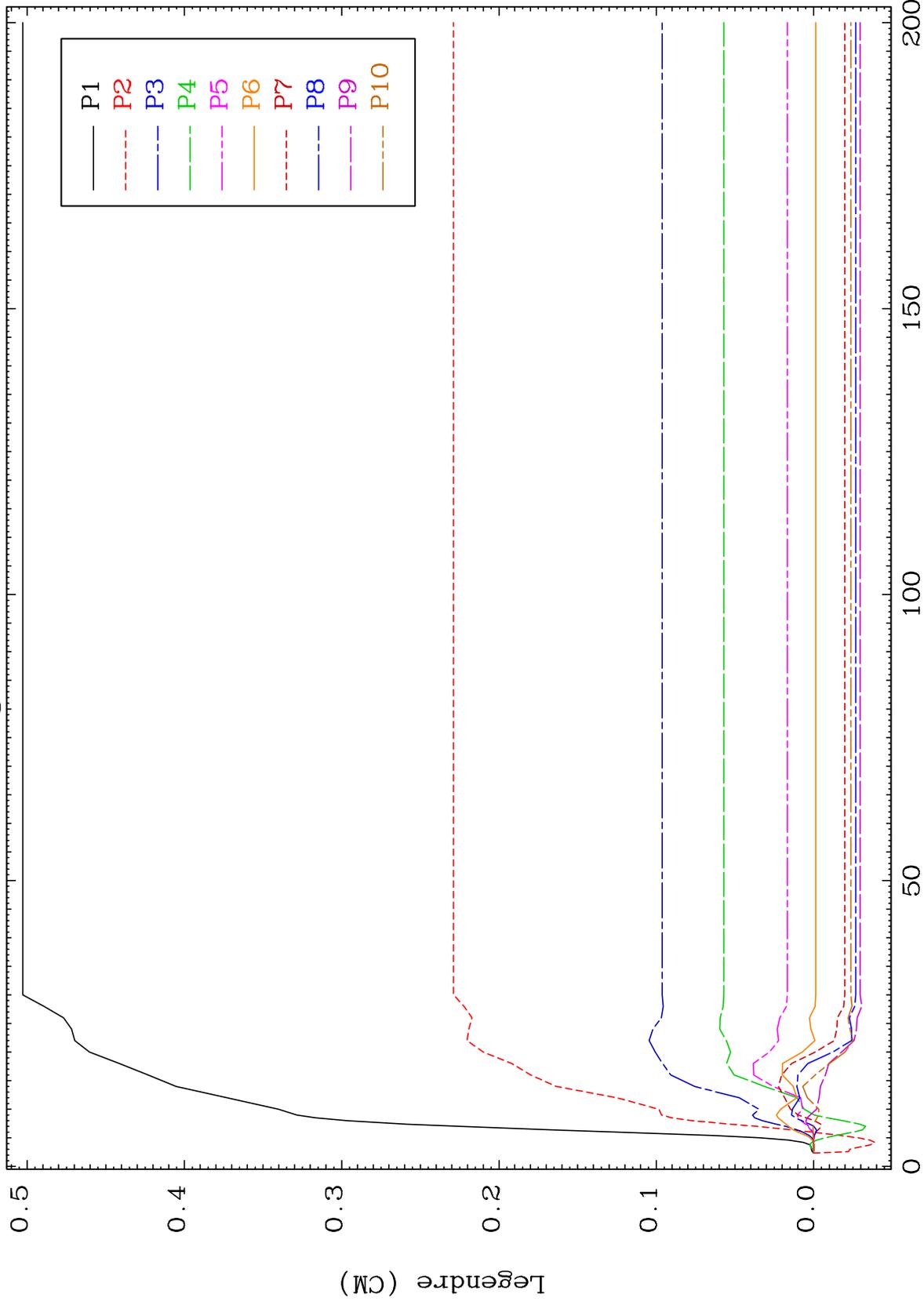
86-Rn-212



MAT 8628

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

86-Rn-212



56

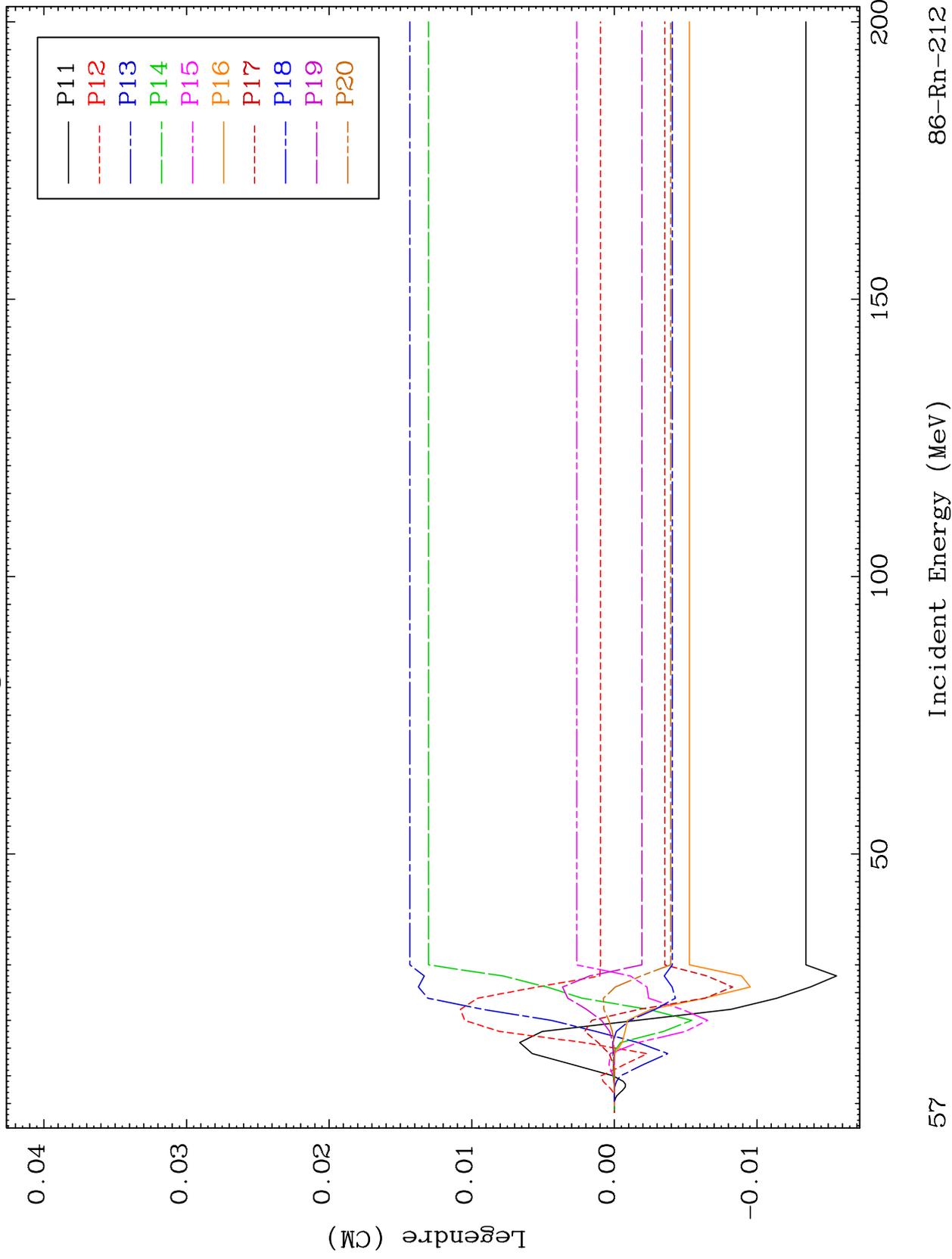
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

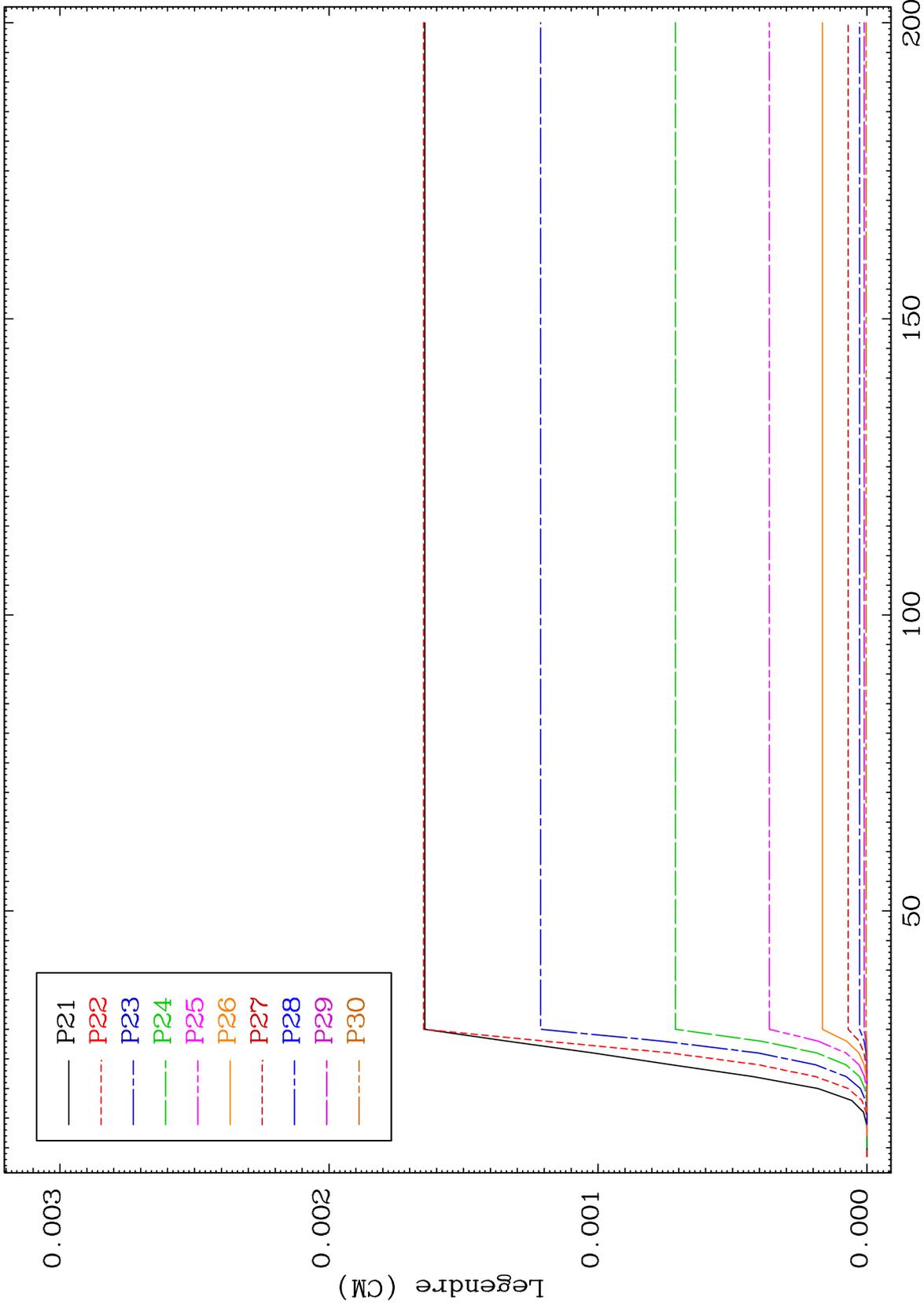
86-Rn-212



MAT 8628

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

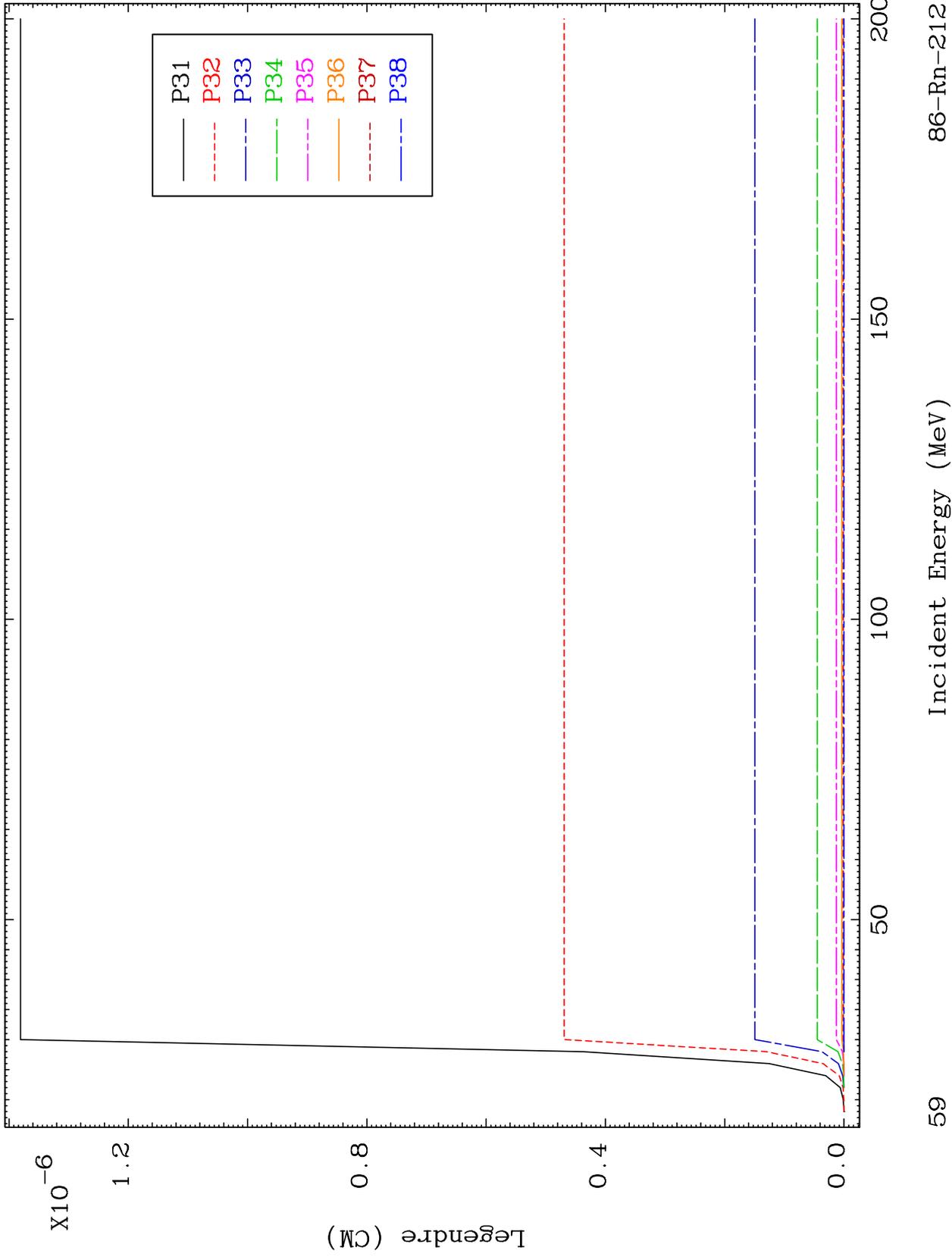
86-Rn-212



58

Incident Energy (MeV)

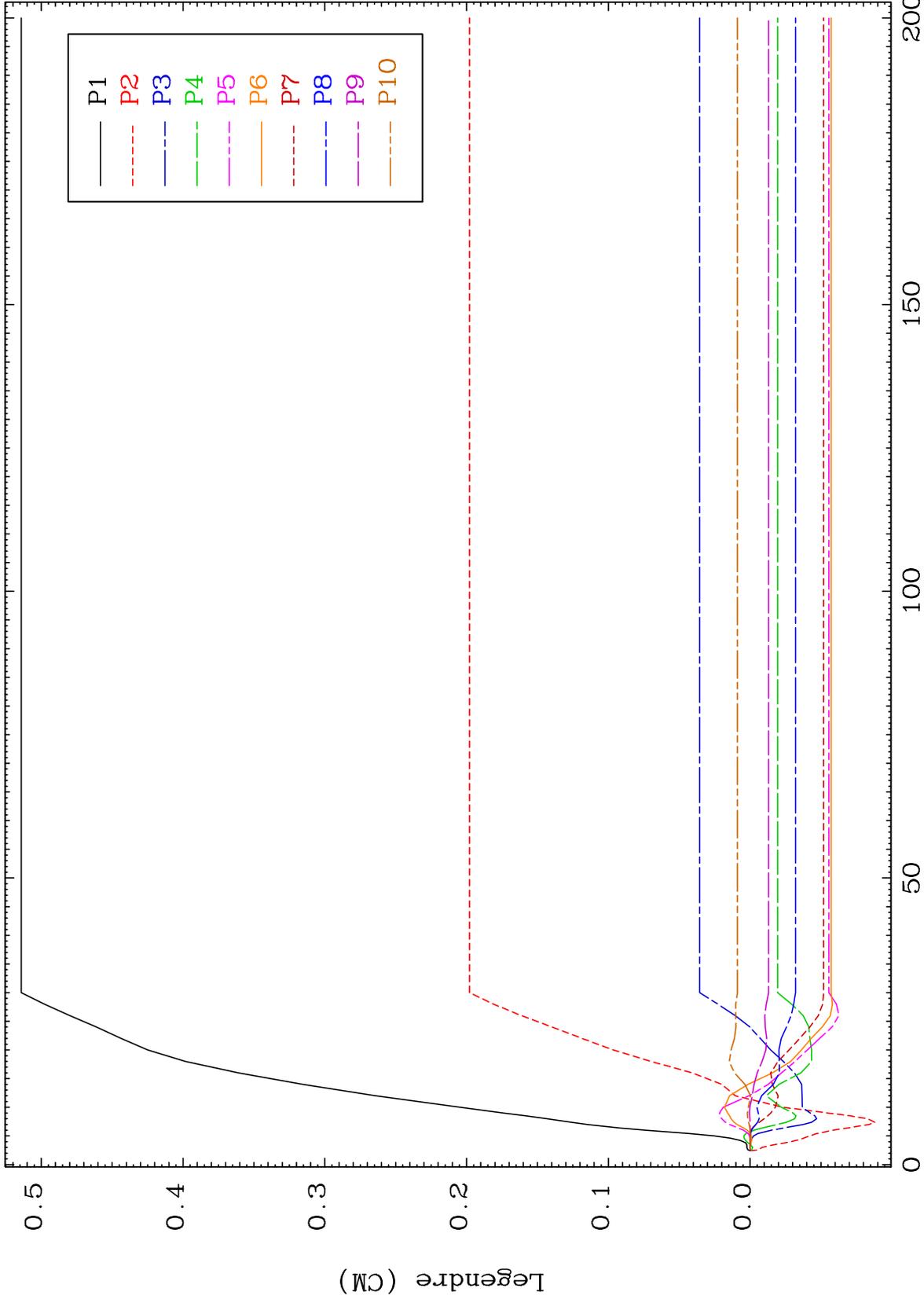
86-Rn-212



MAT 8628

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

86-Rn-212



86-Rn-212

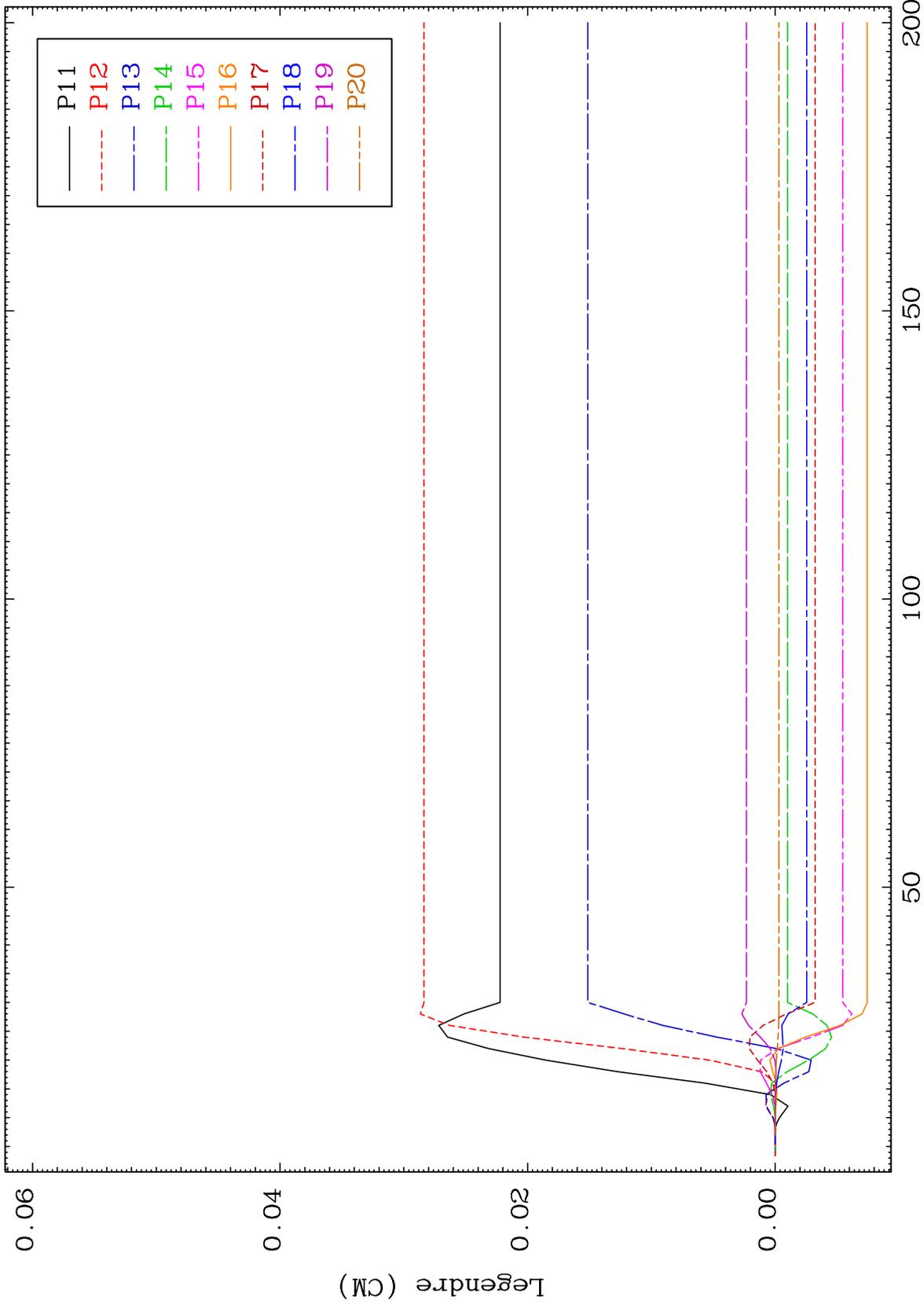
Incident Energy (MeV)

60

MAT 8628

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

86-Rn-212



61

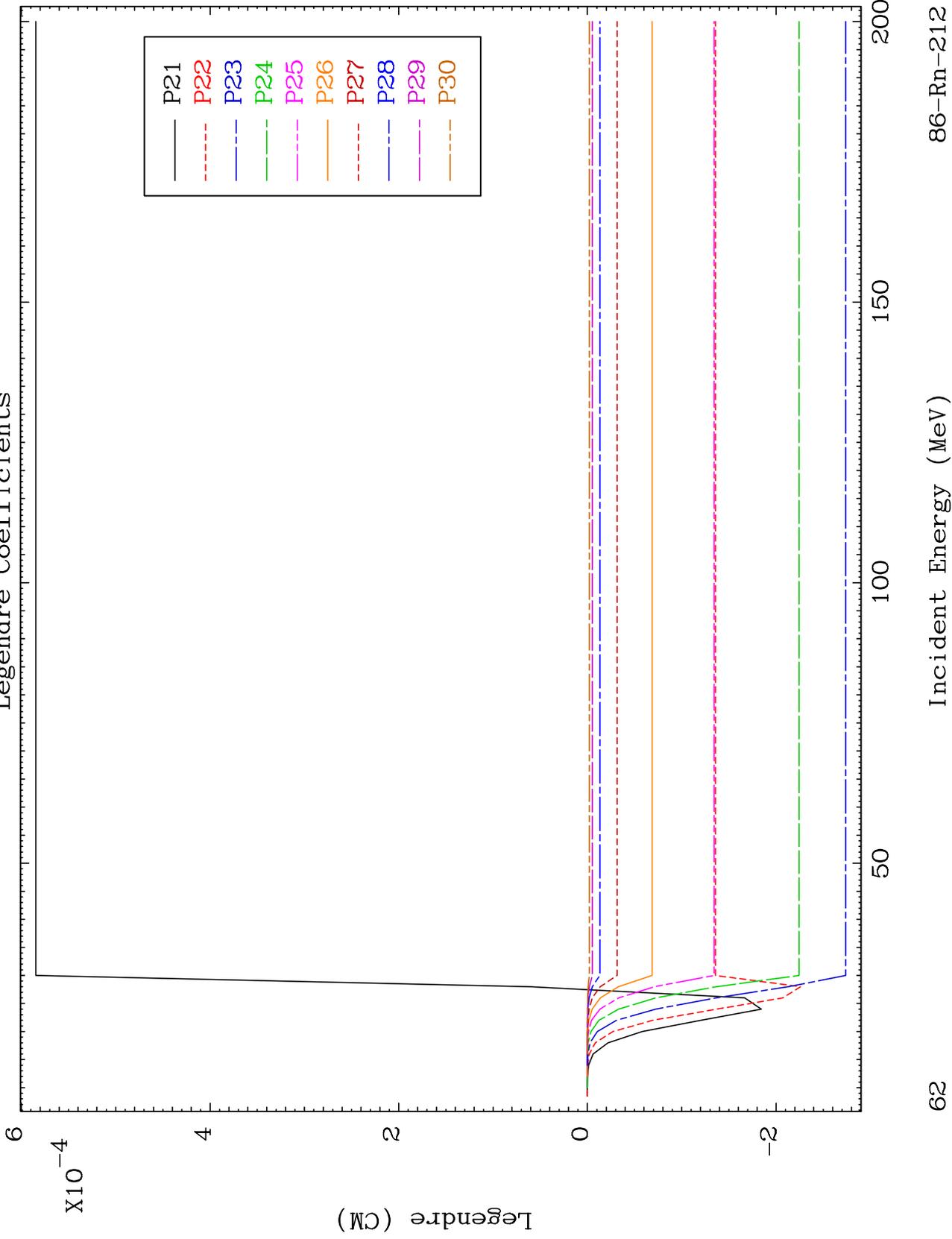
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



62

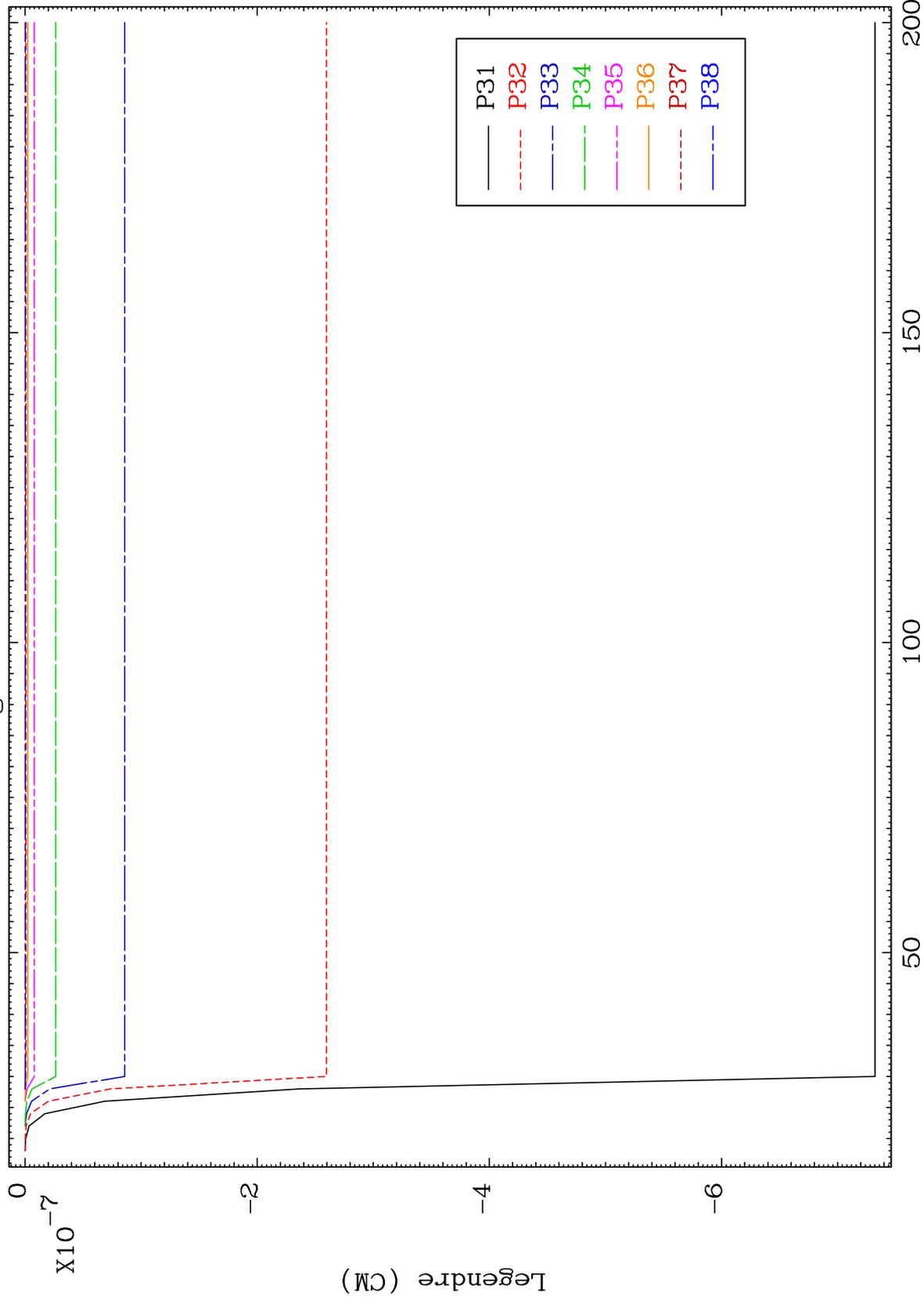
86-Rn-212

MAT 8628

MT= 61 (n,n') Level

86-Rn-212

Legendre Coefficients



86-Rn-212

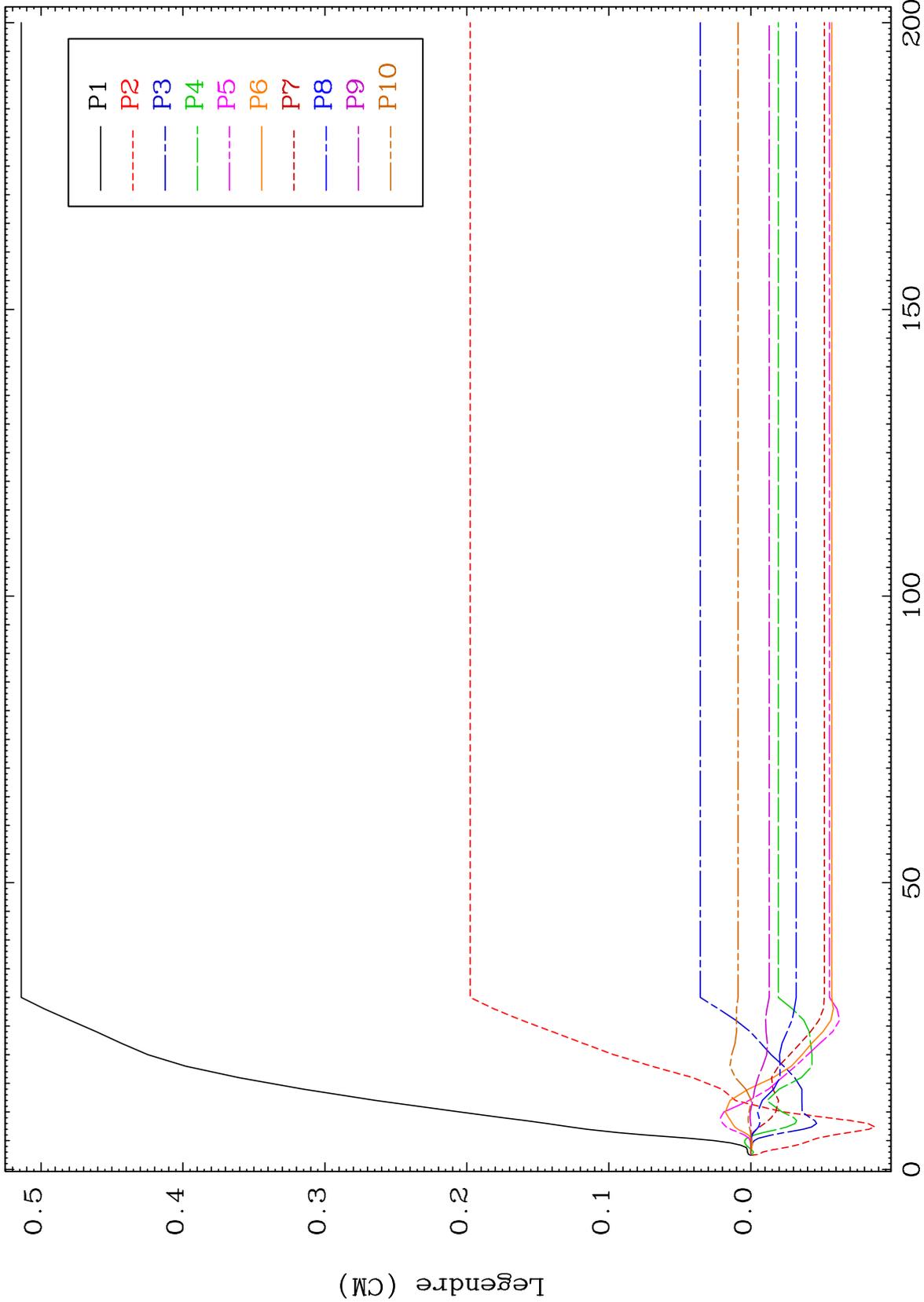
Incident Energy (MeV)

63

MAT 8628

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

86-Rn-212



64

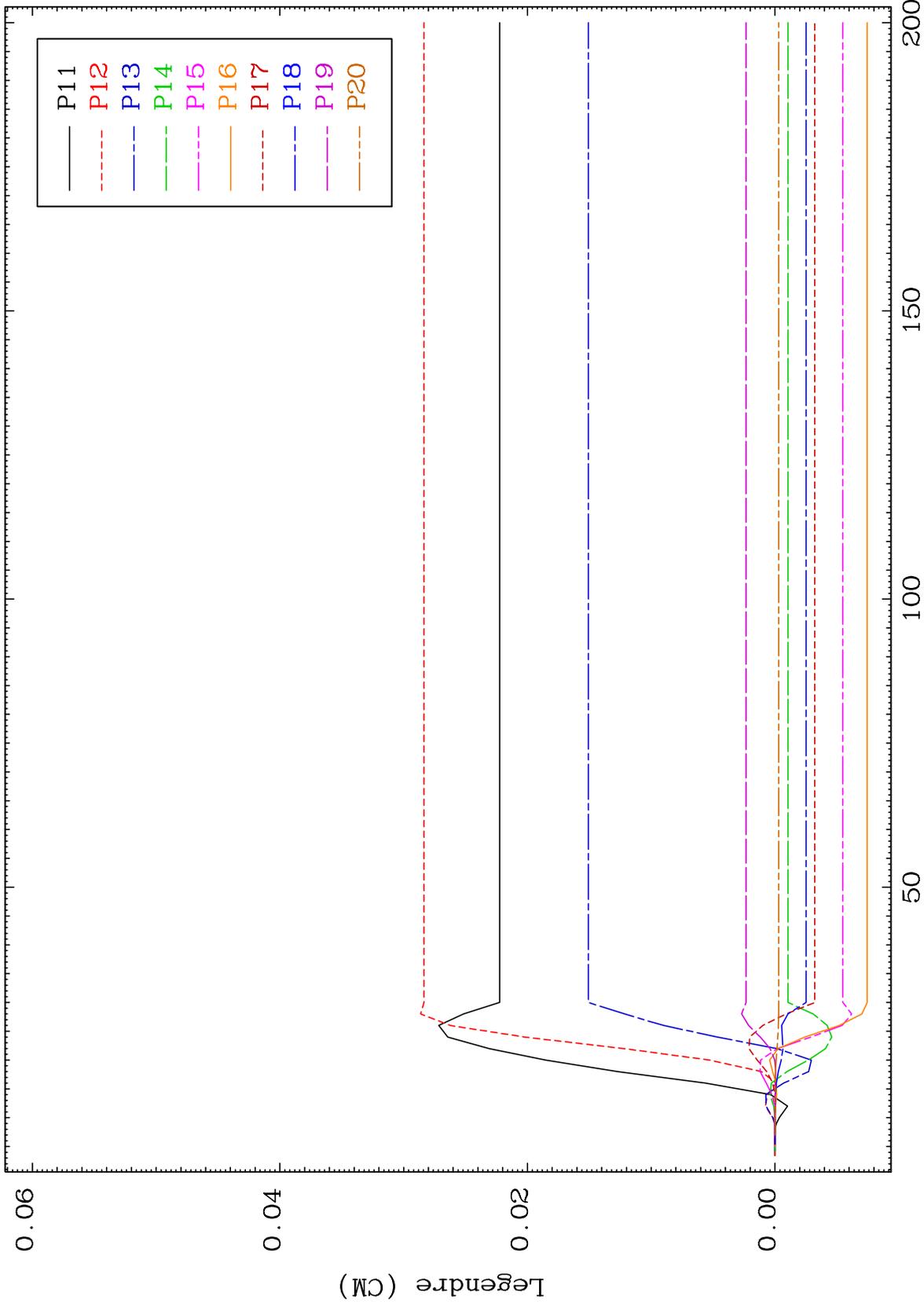
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



65

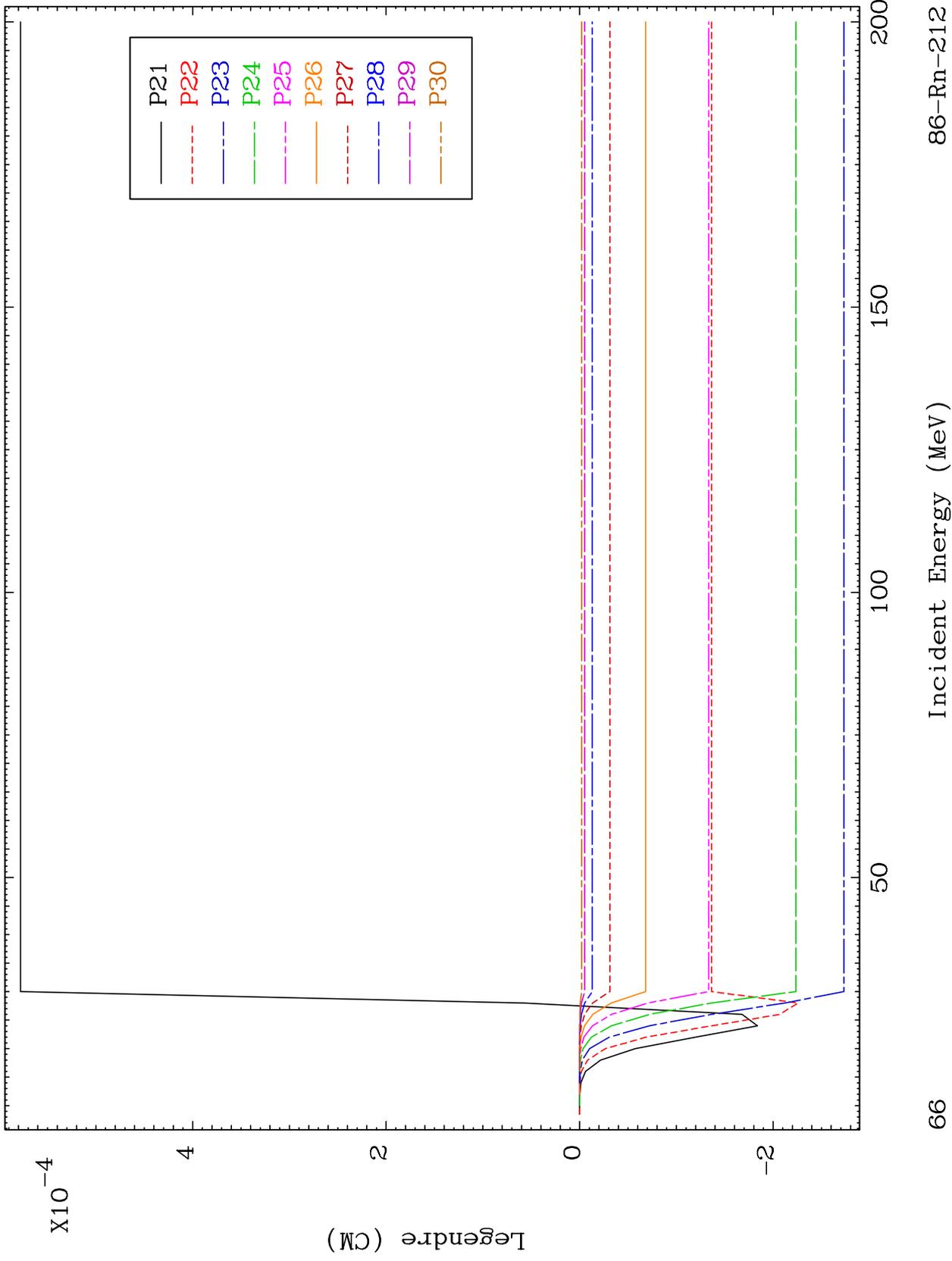
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212

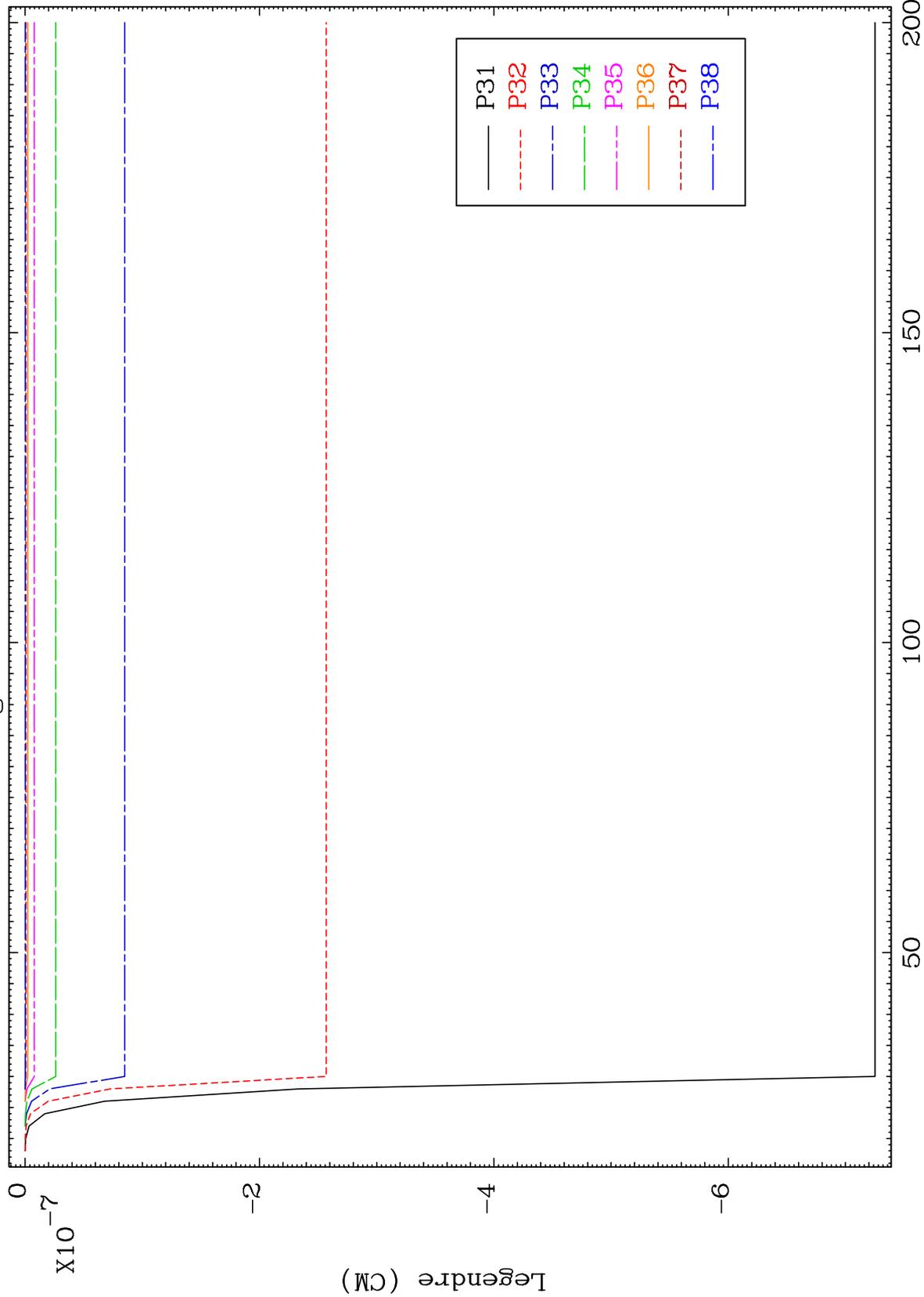


MAT 8628

MT= 62 (n,n') Level

86-Rn-212

Legendre Coefficients



86-Rn-212

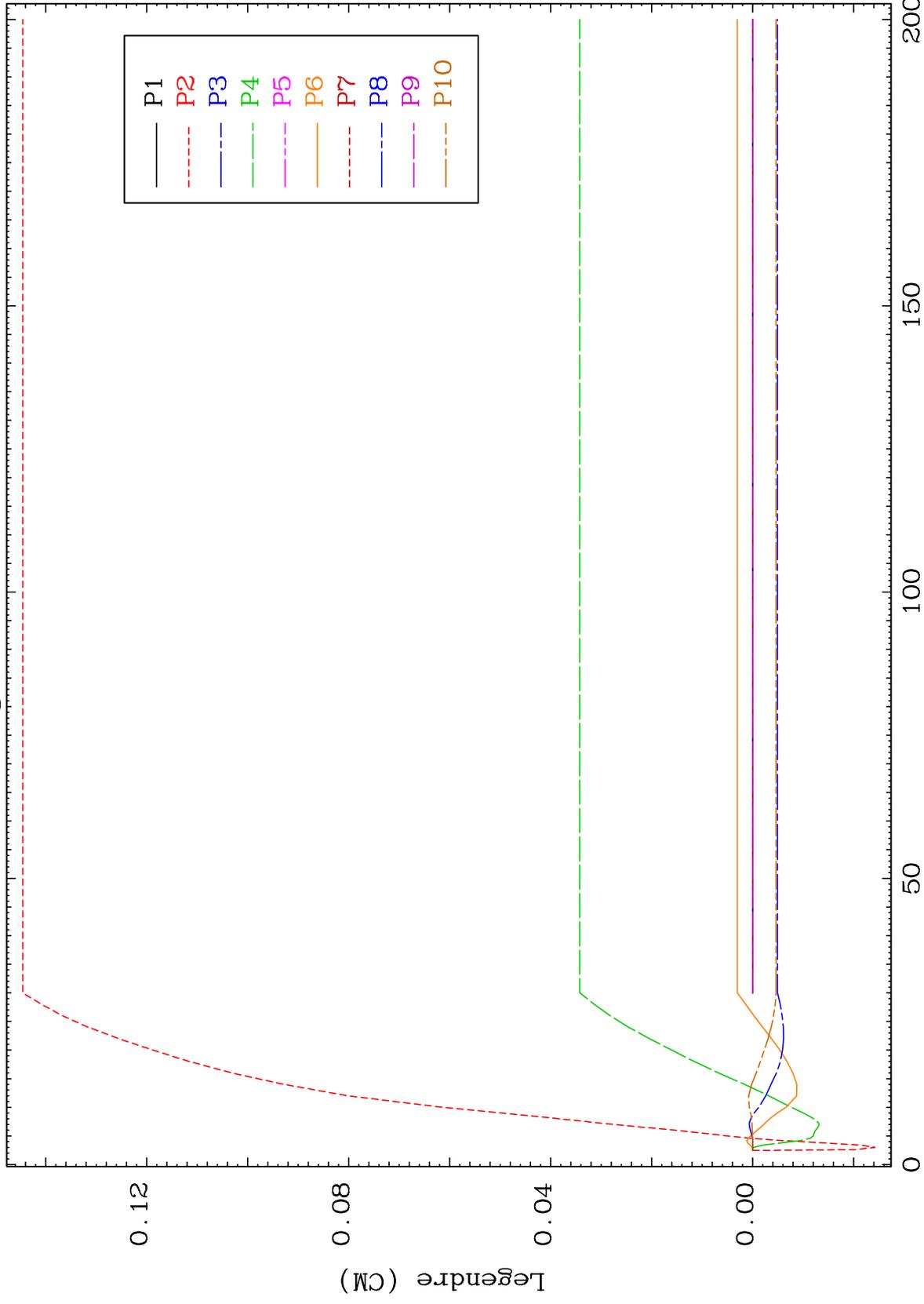
Incident Energy (MeV)

67

MAT 8628

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

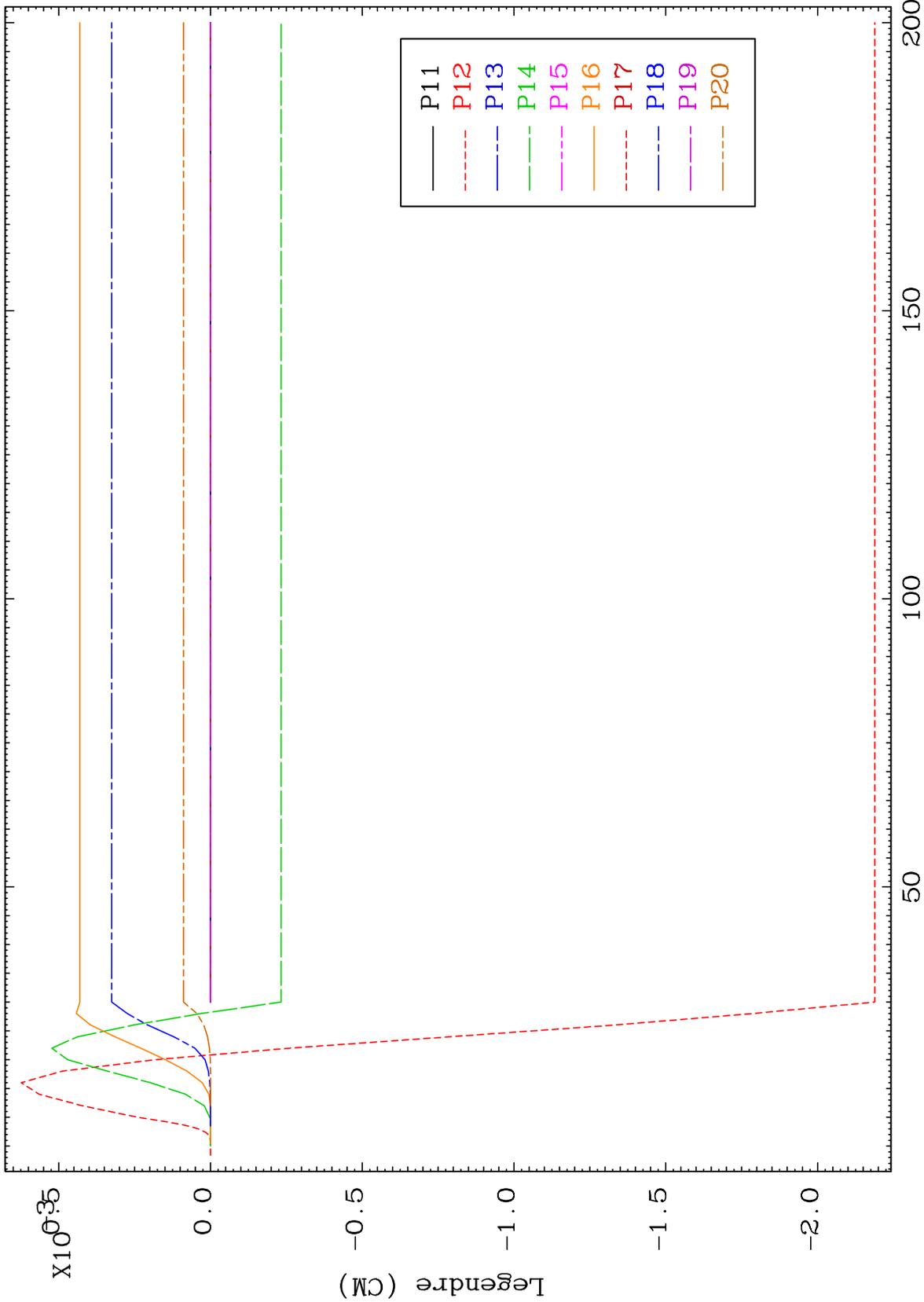
86-Rn-212



86-Rn-212

Incident Energy (MeV)

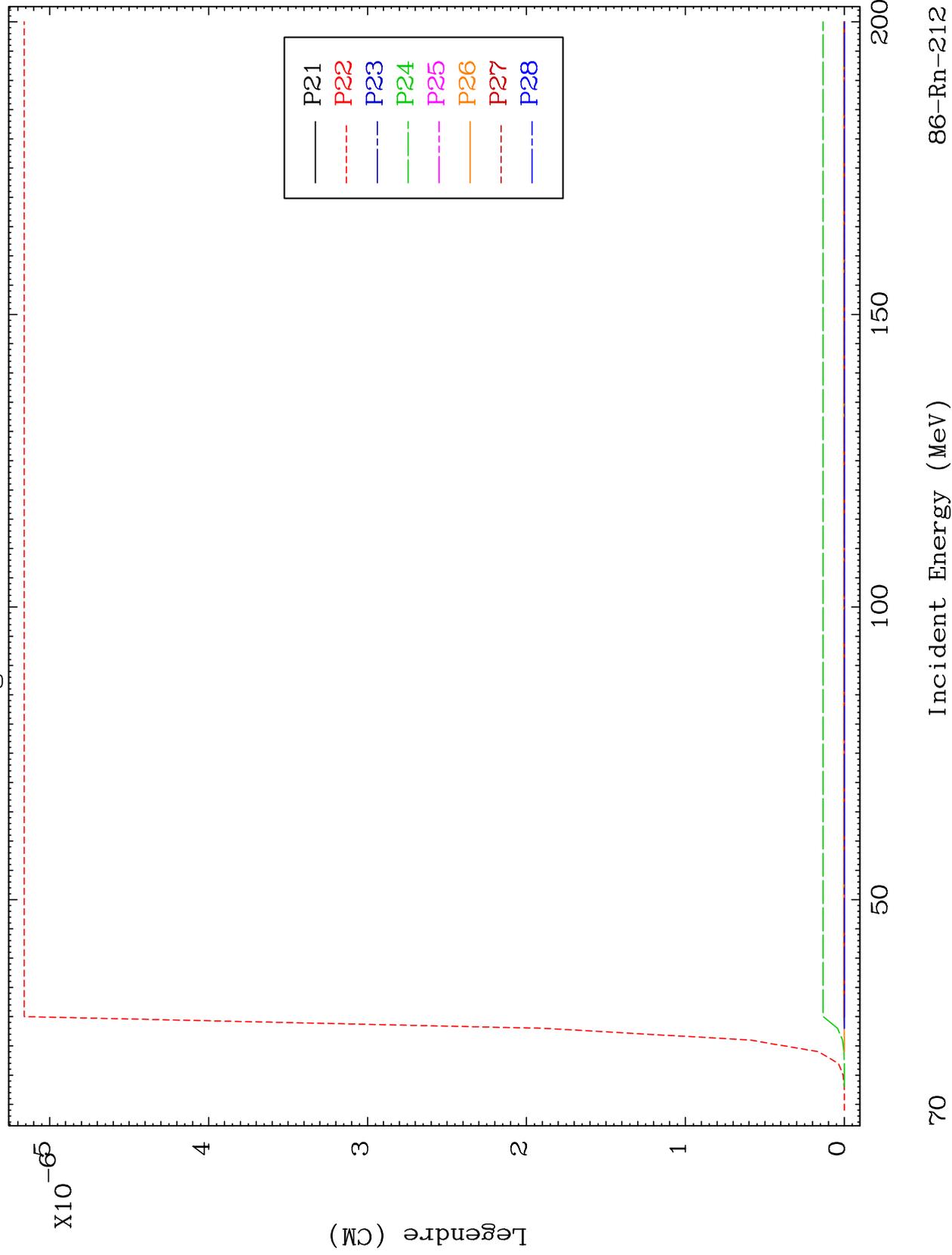
68

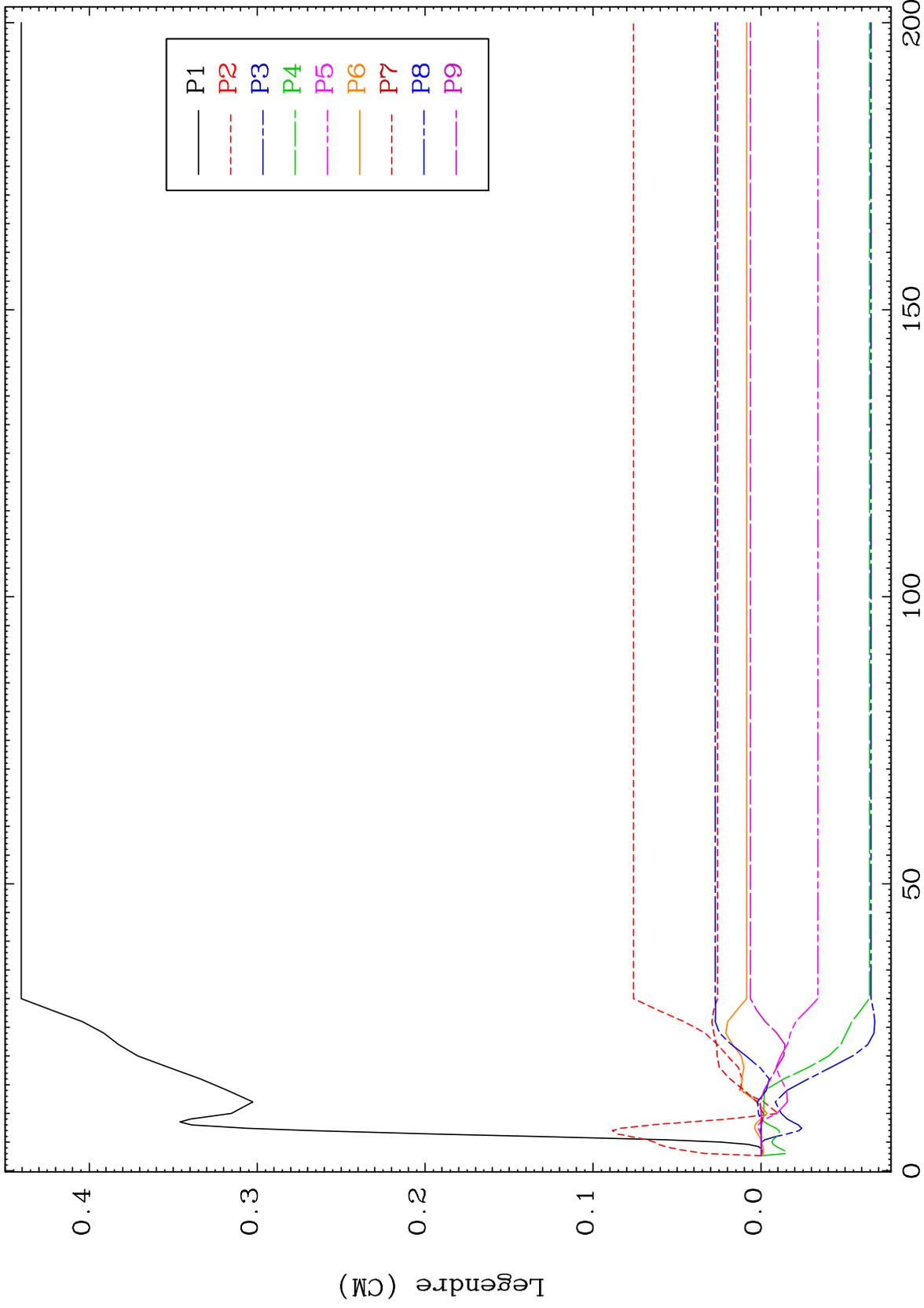


MAT 8628

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

86-Rn-212

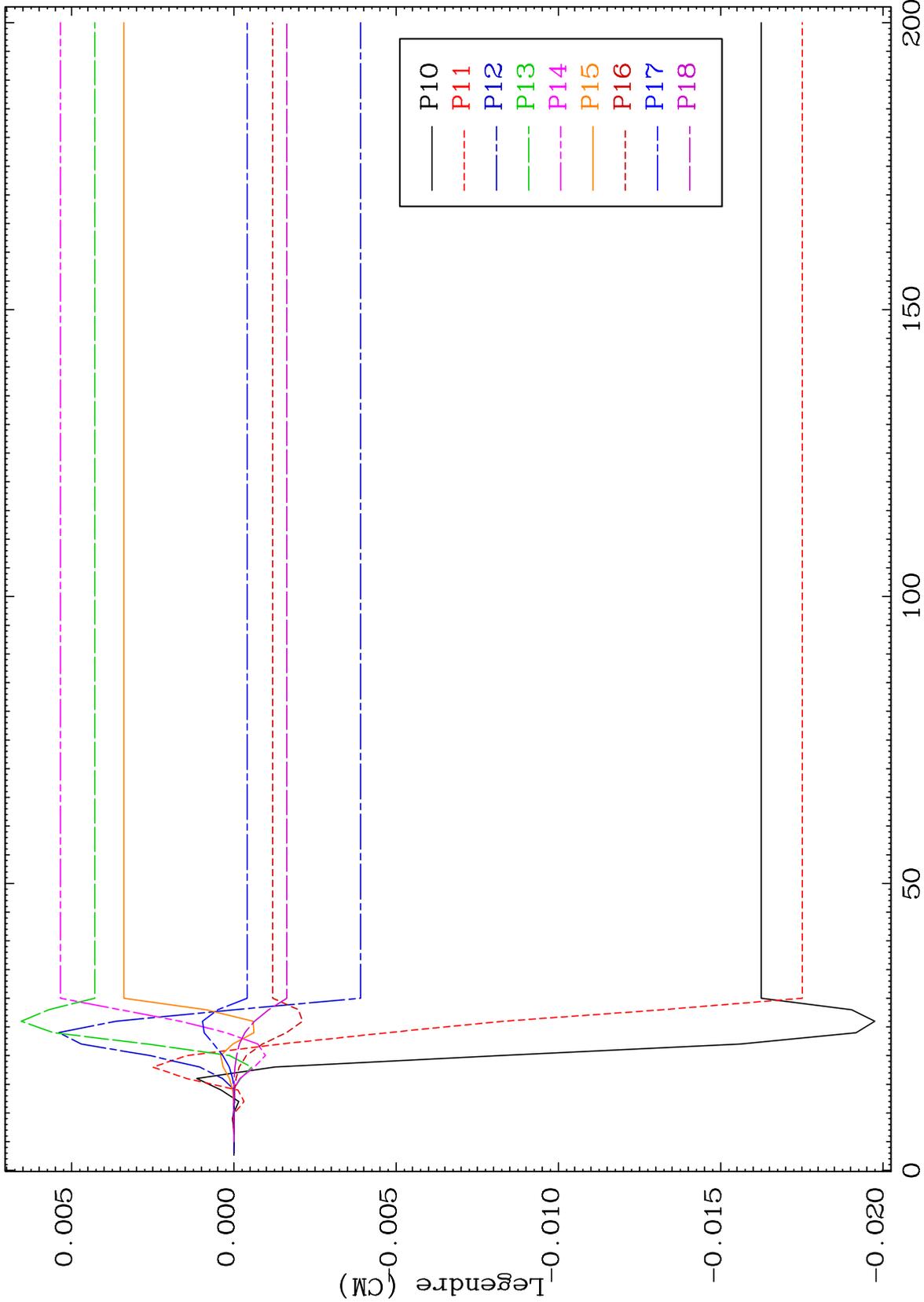




MAT 8628

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

86-Rn-212



72

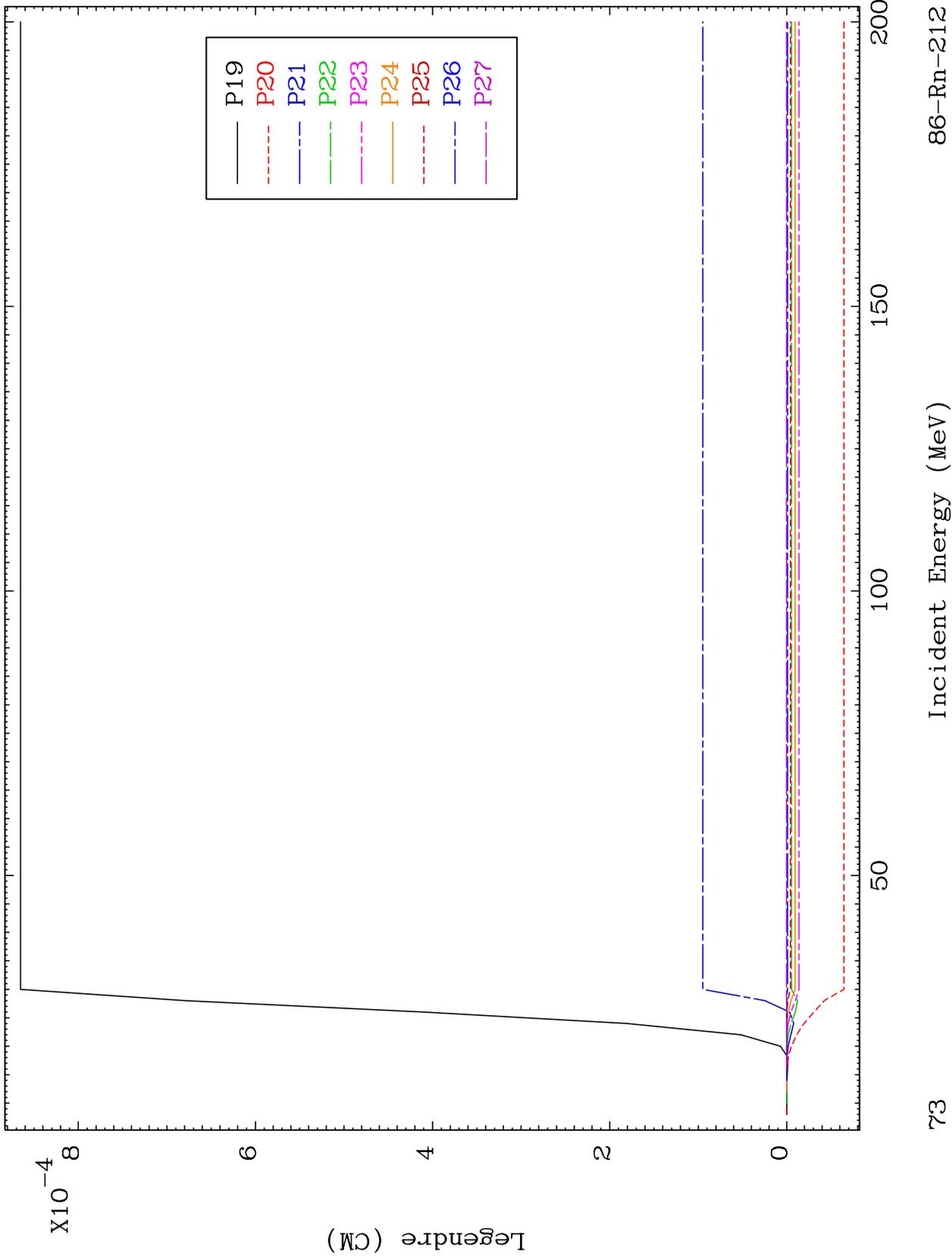
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

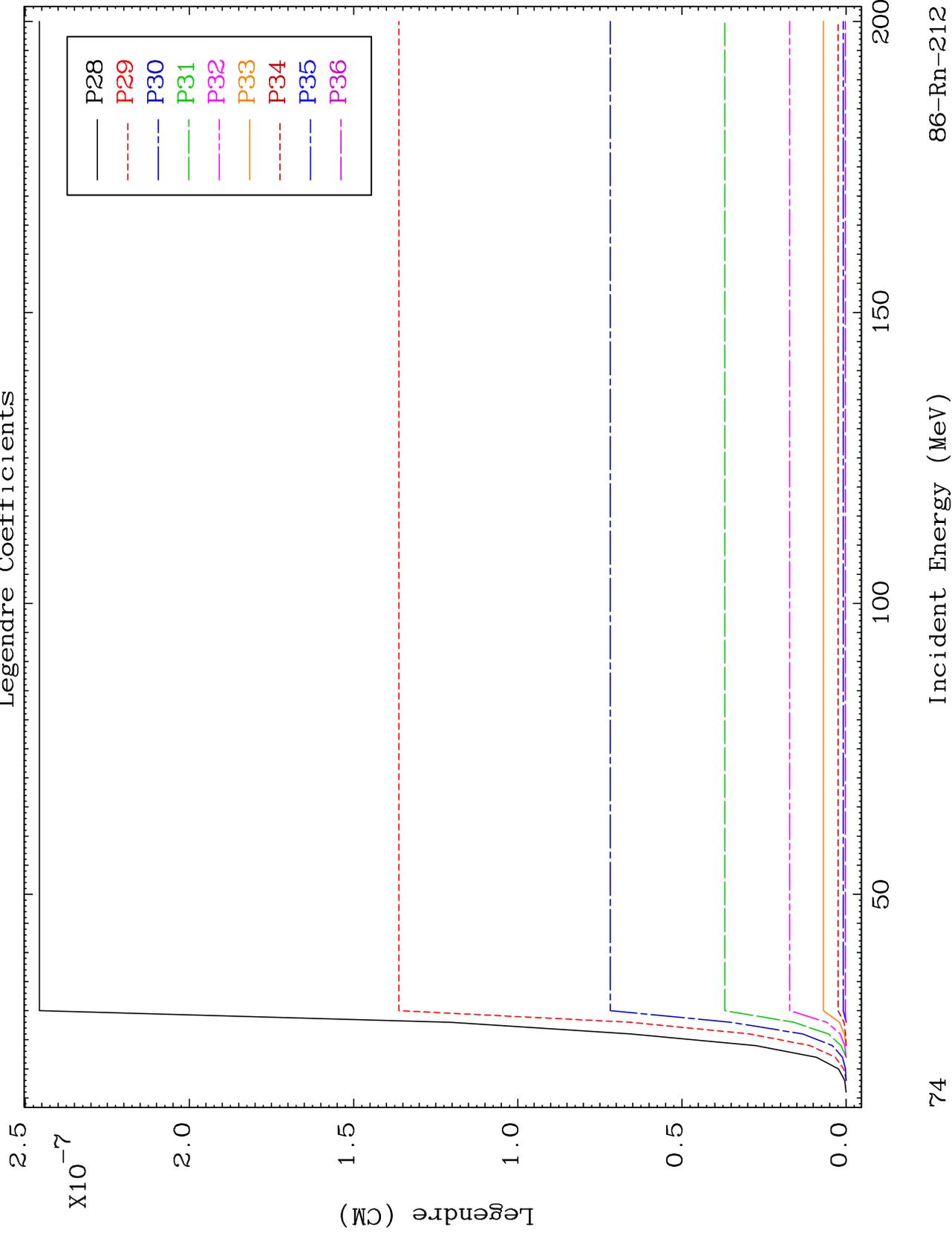
86-Rn-212



MAT 8628

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

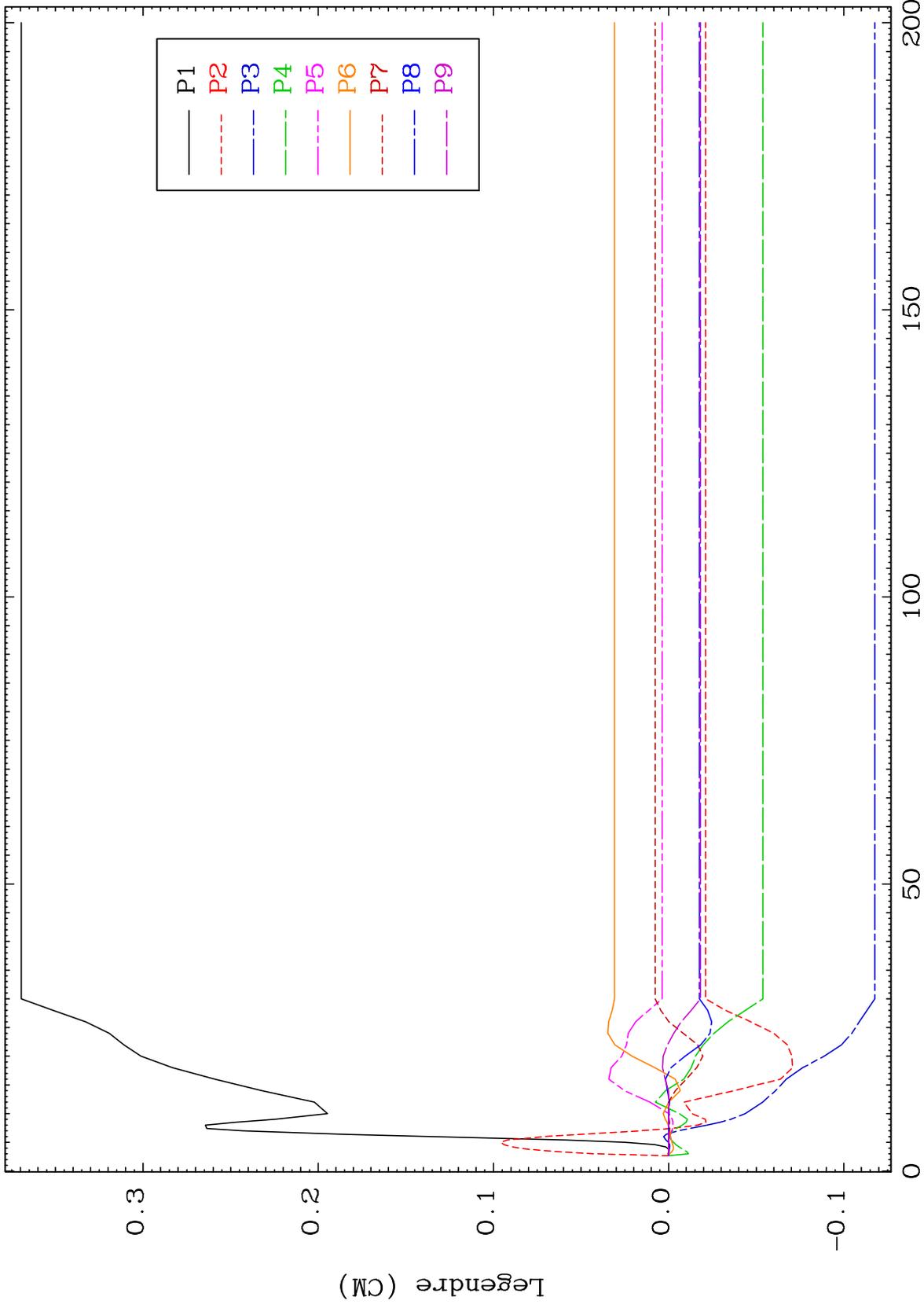
86-Rn-212



MAT 8628

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

86-Rn-212



75

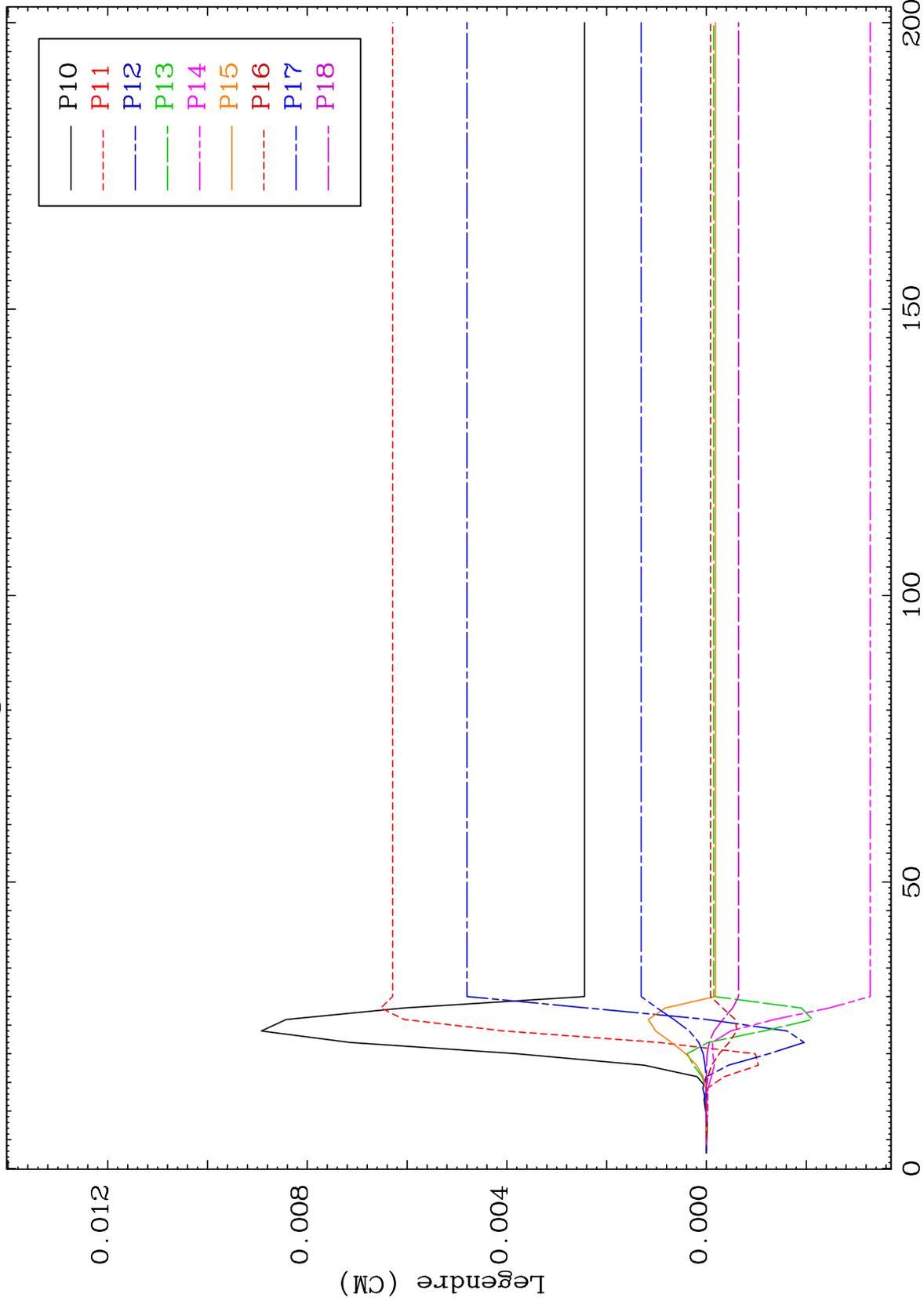
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



76

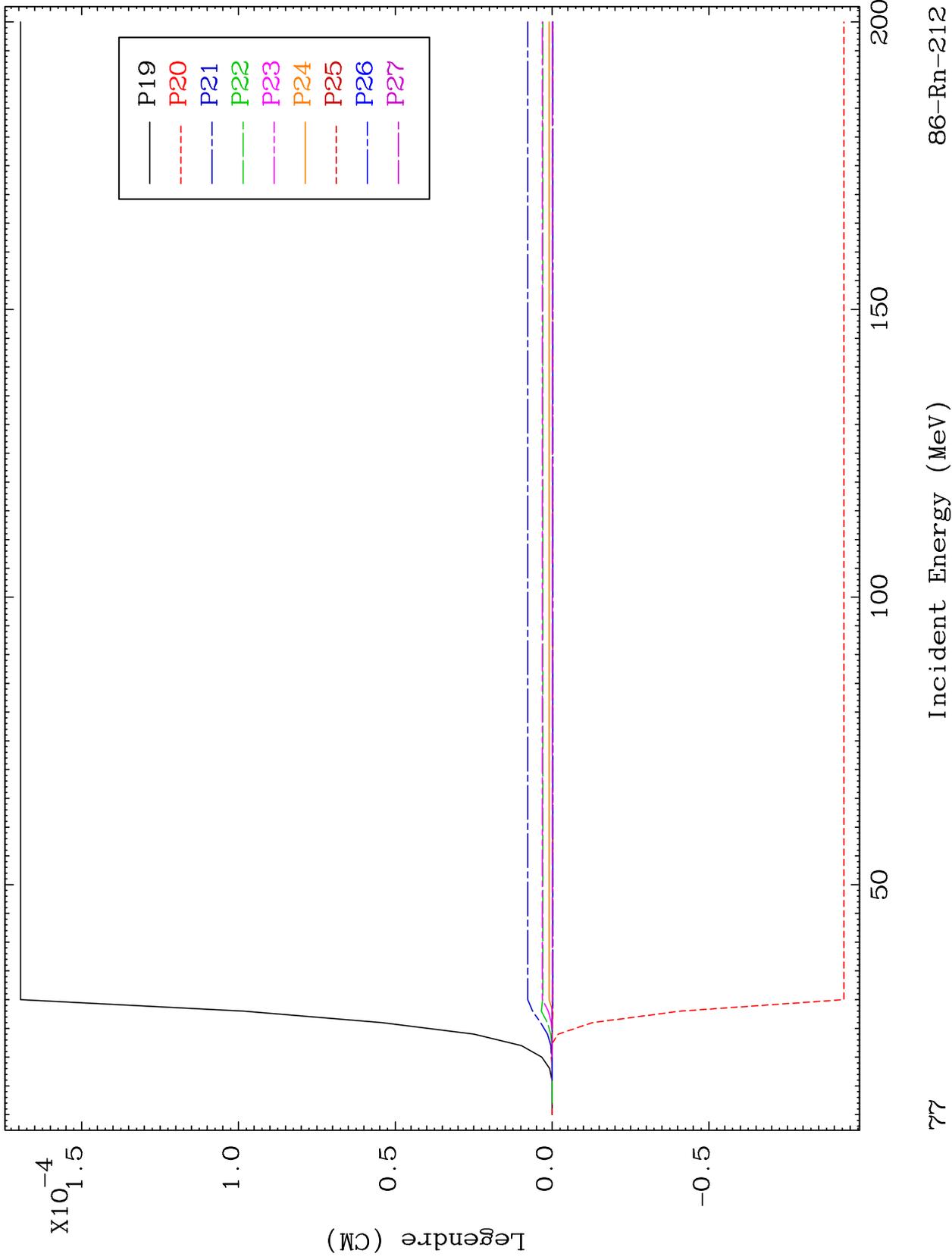
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



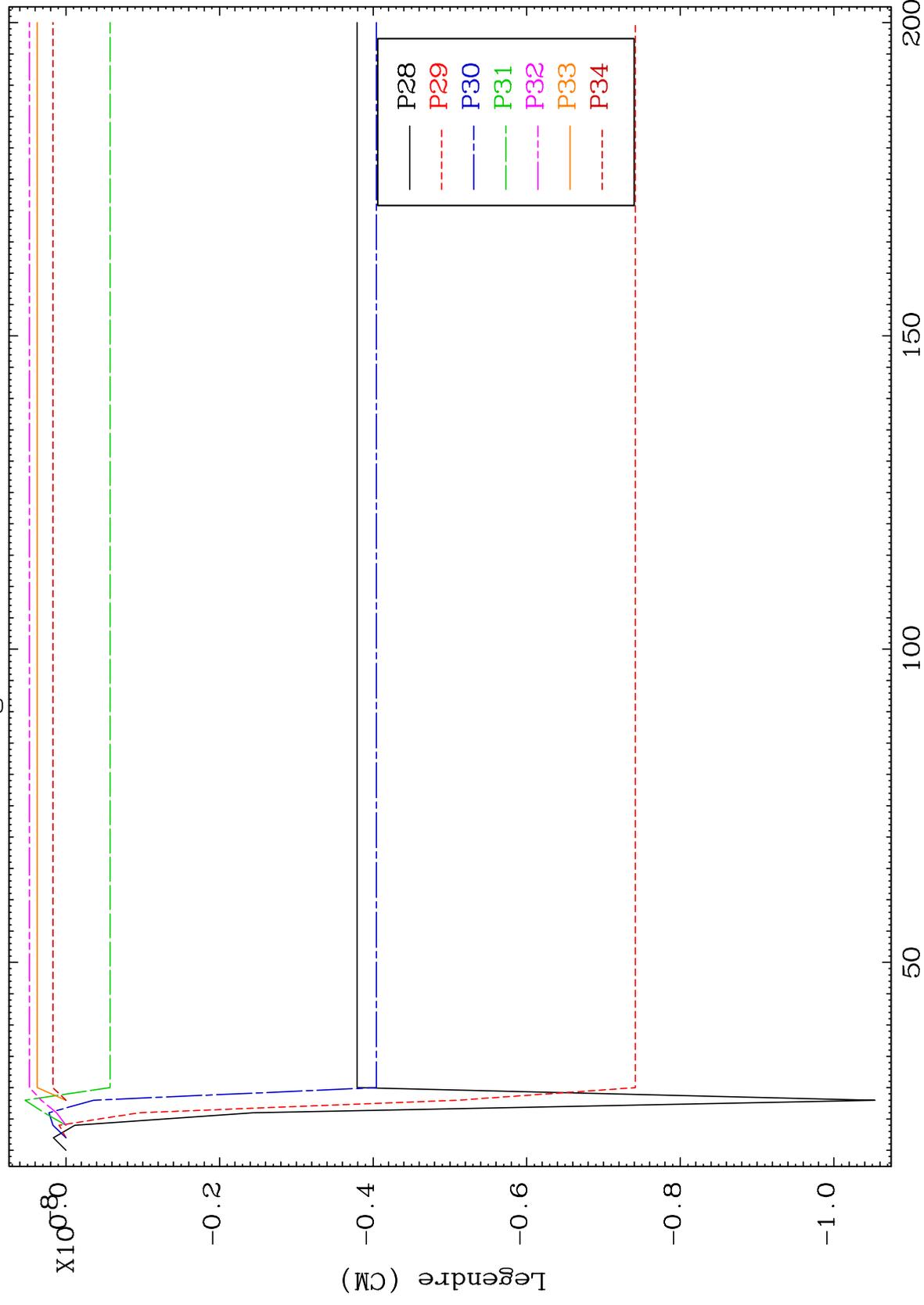
77

86-Rn-212

MAT 8628

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

86-Rn-212



78

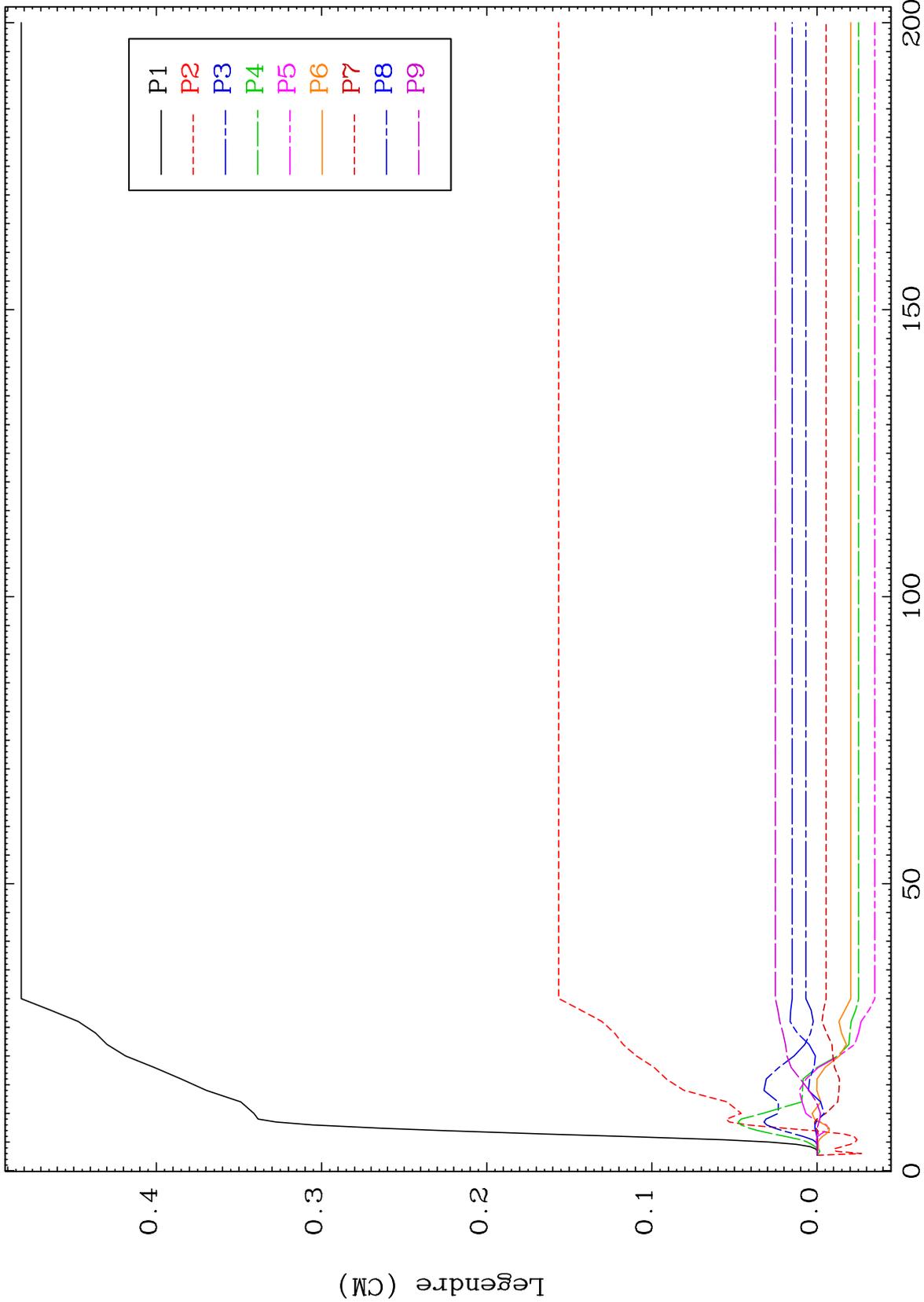
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



79

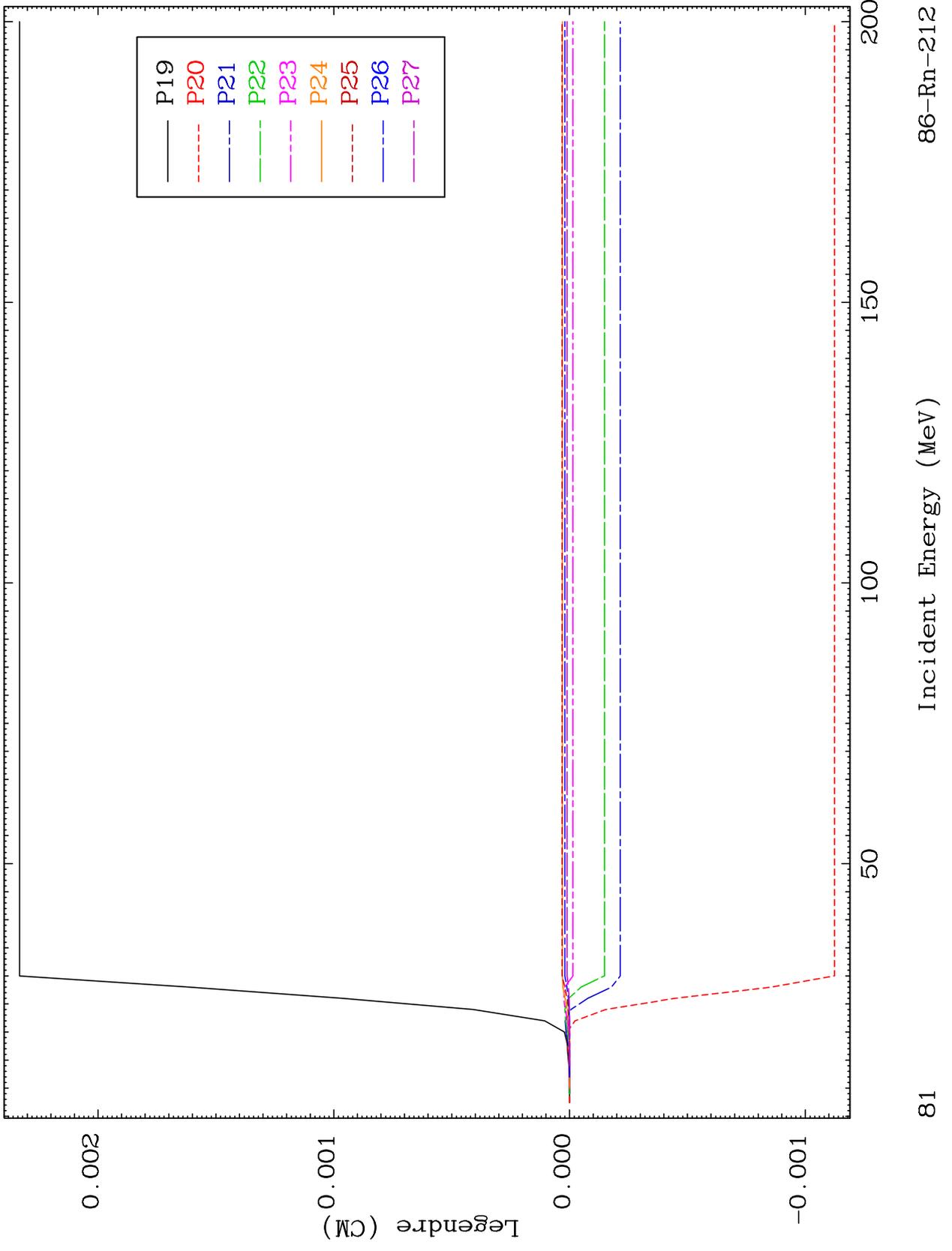
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



81

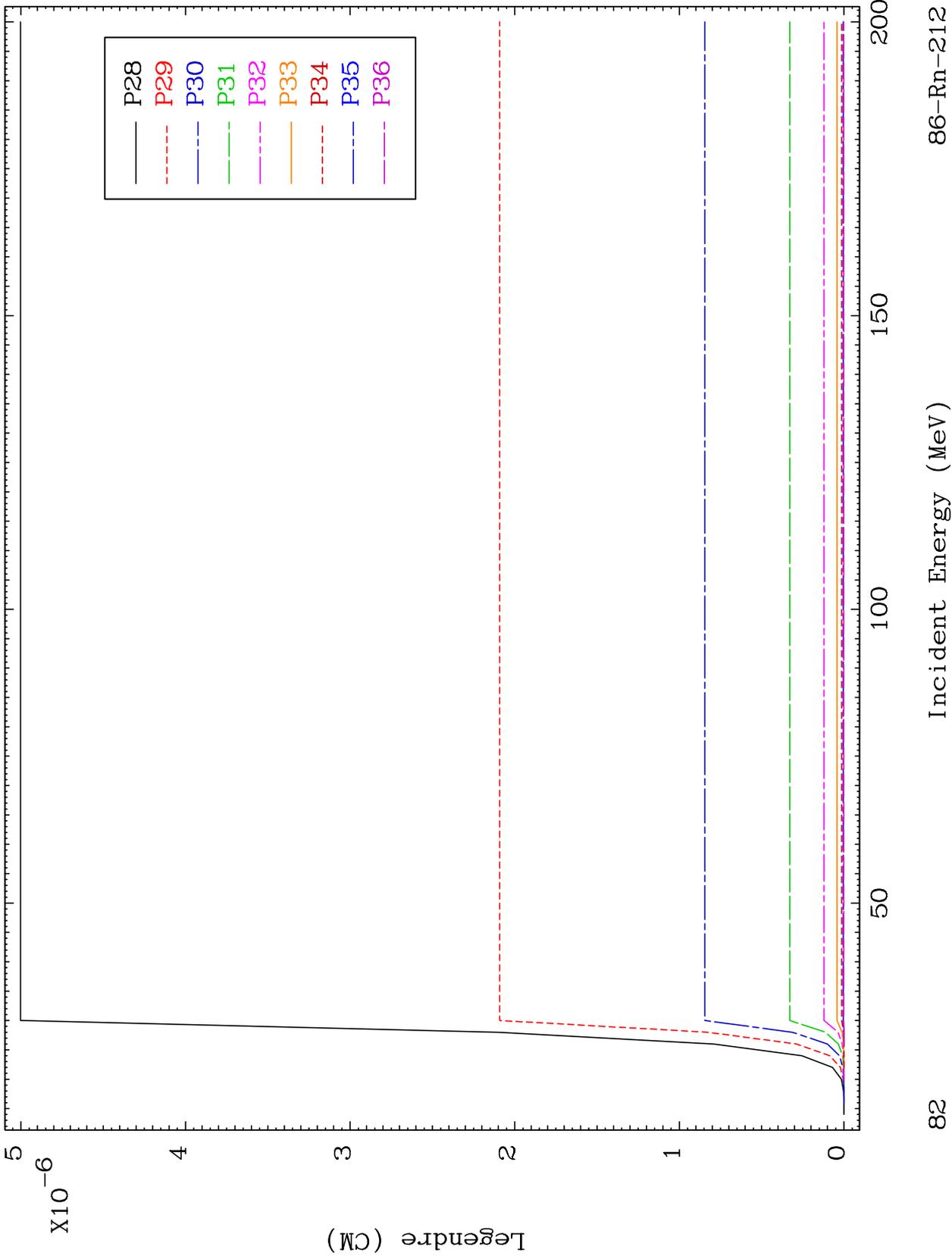
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



82

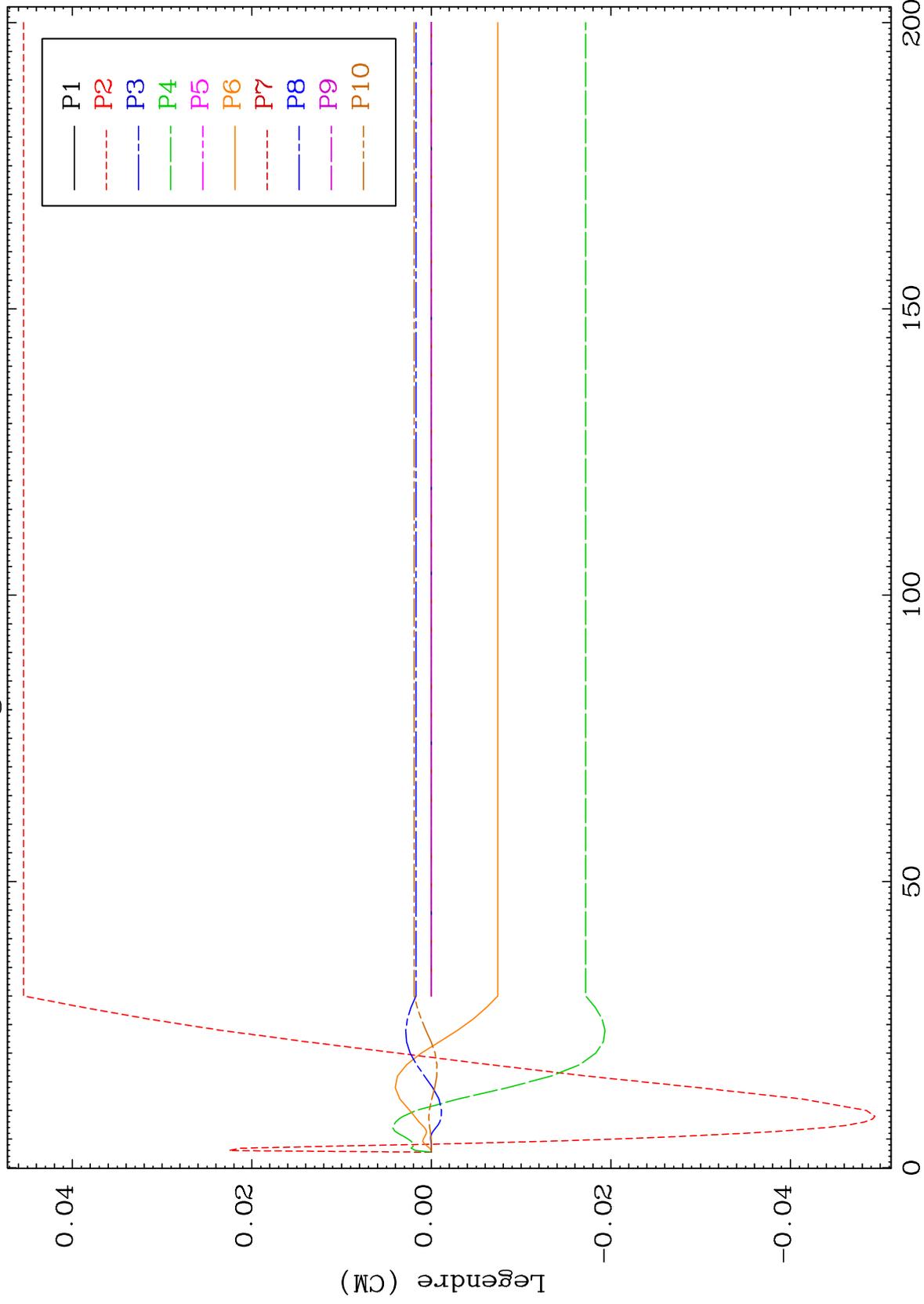
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



83

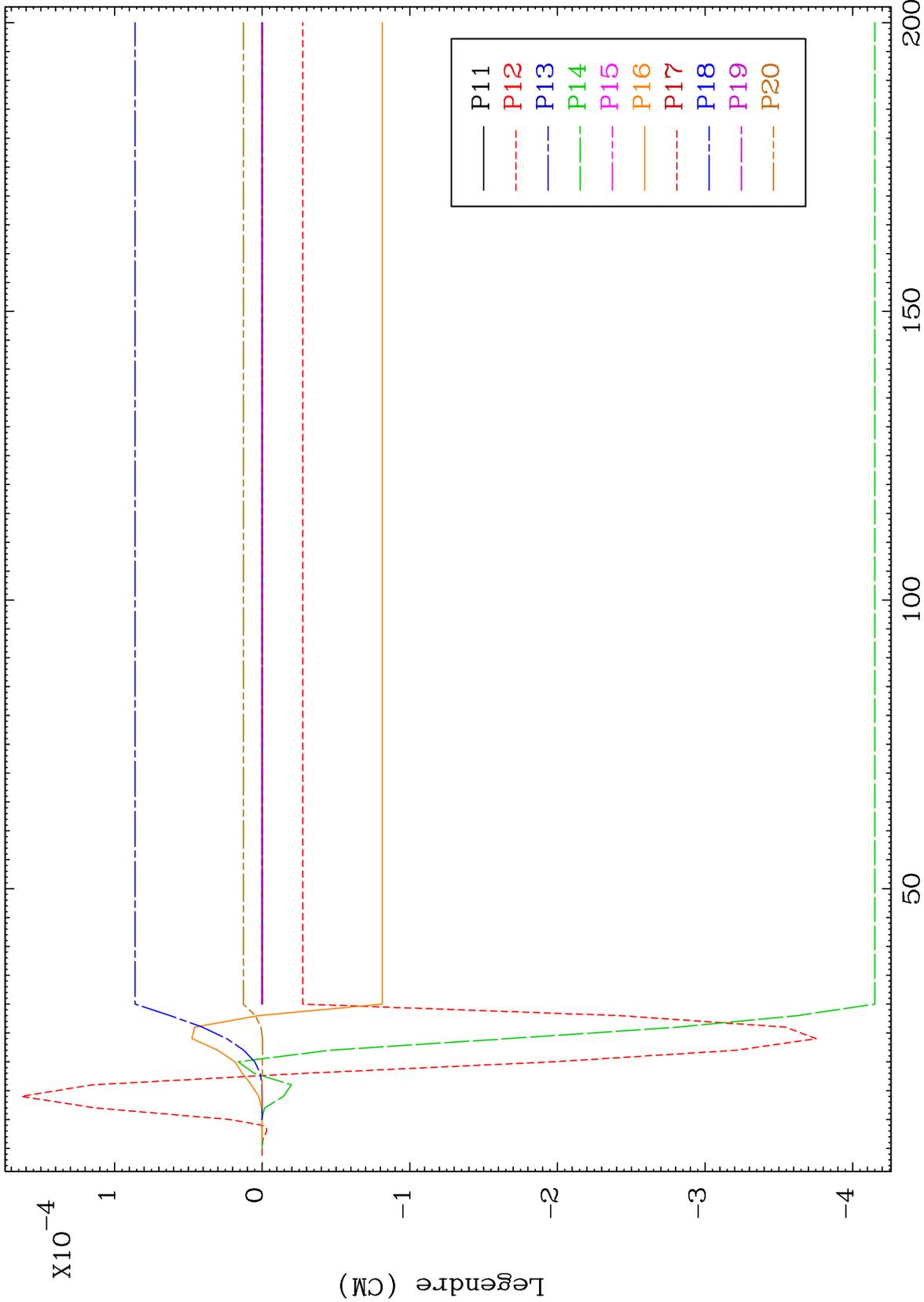
86-Rn-212

86-Rn-212

MAT 8628

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

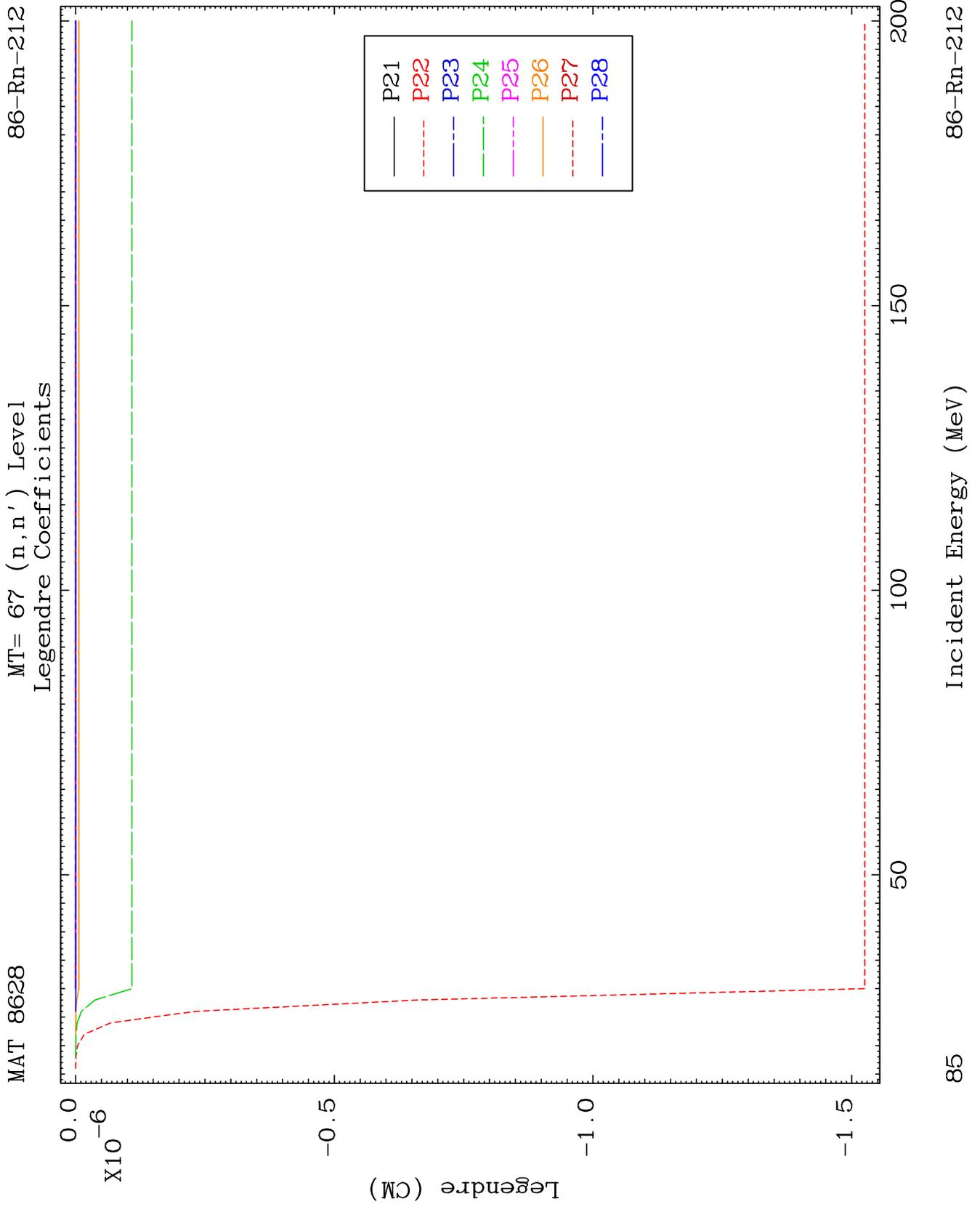
86-Rn-212



84

Incident Energy (MeV)

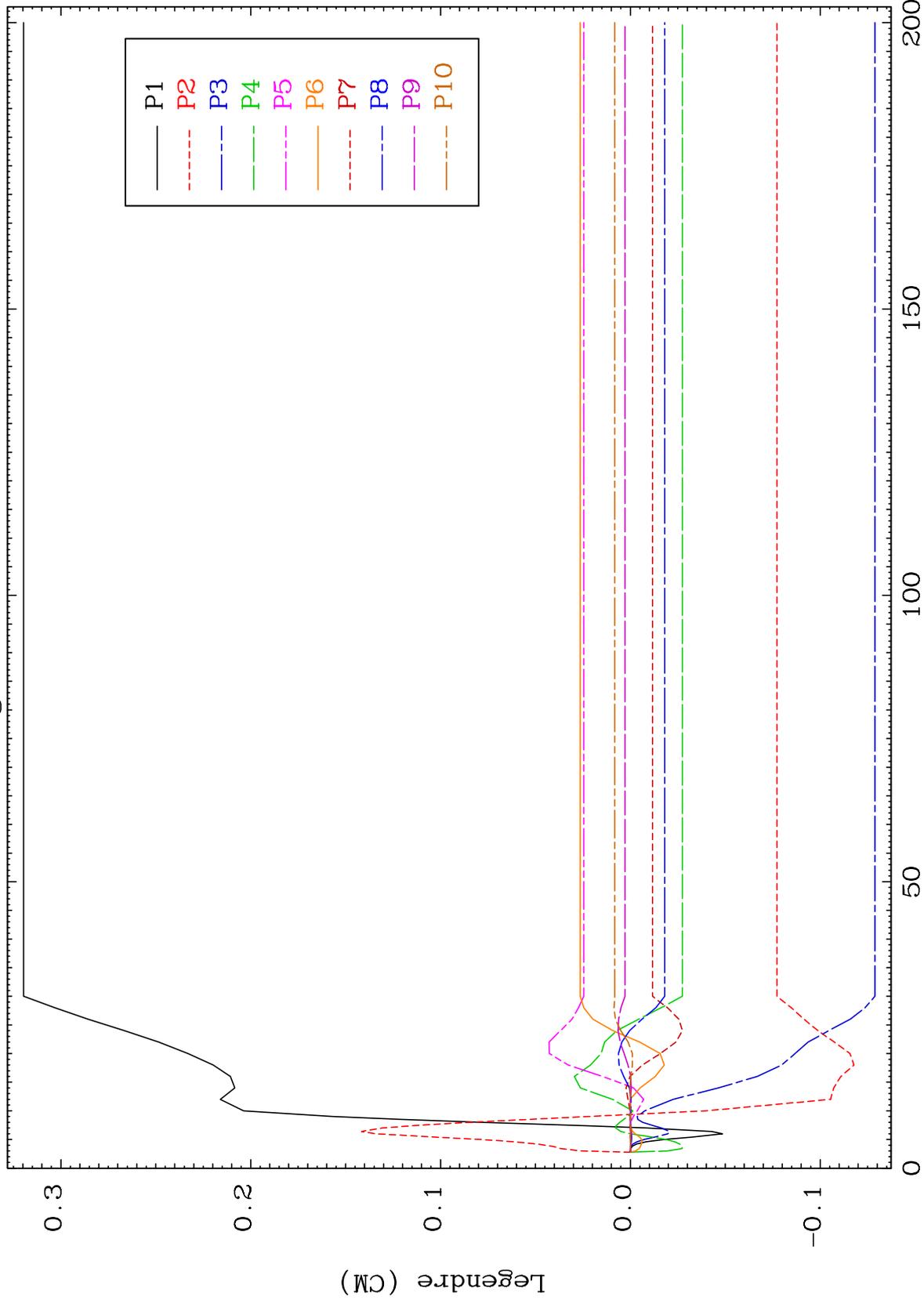
86-Rn-212



MAT 8628

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

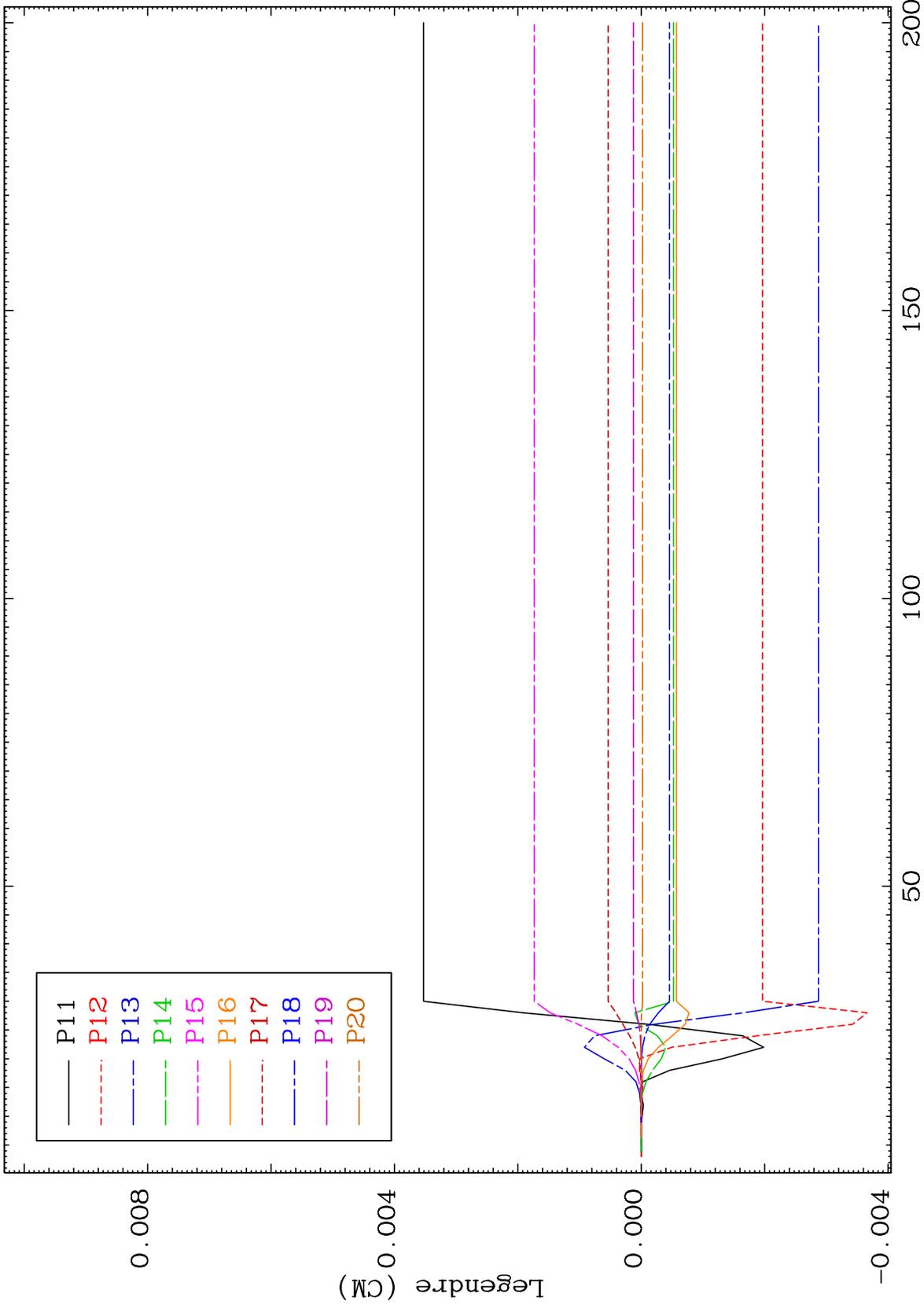
86-Rn-212

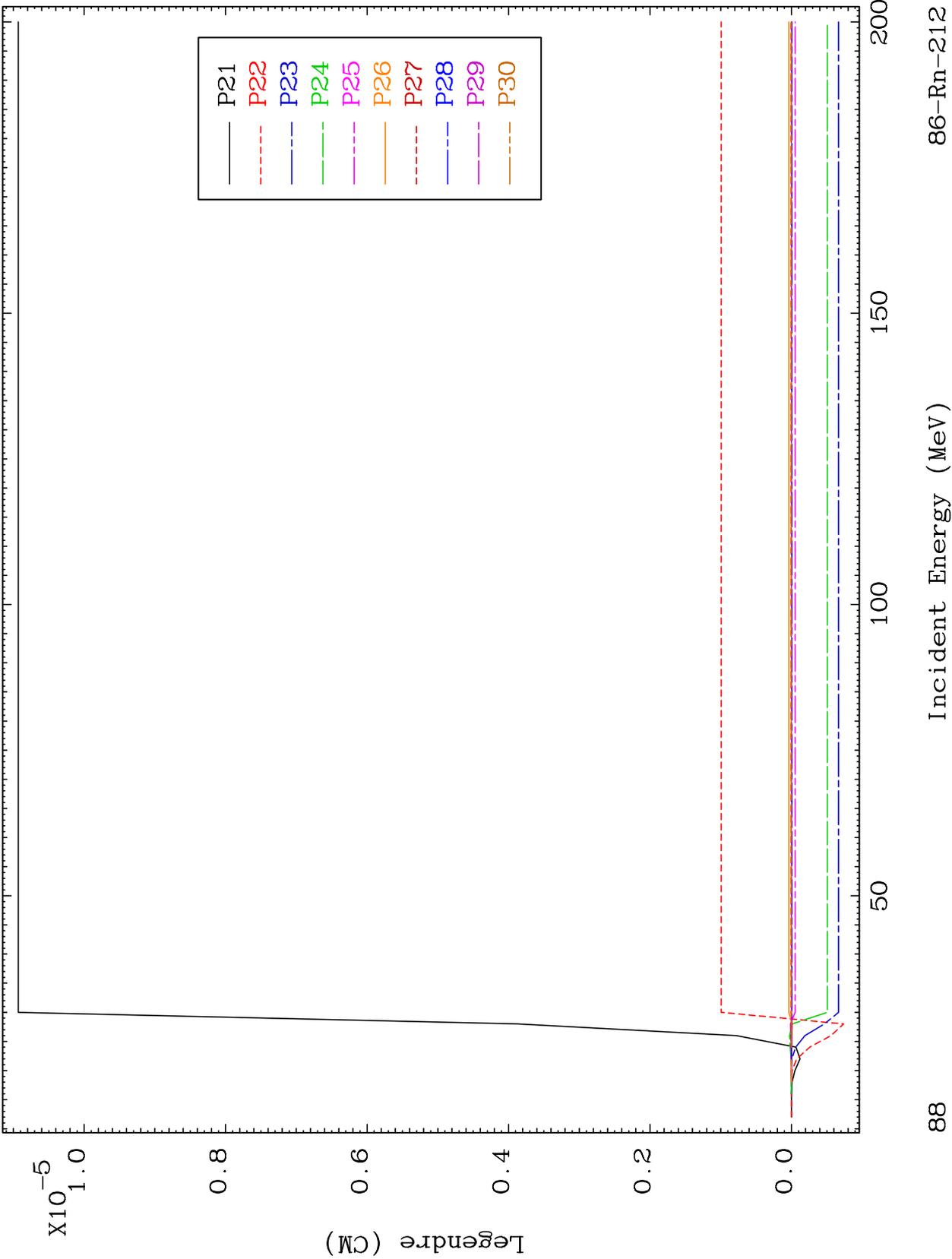


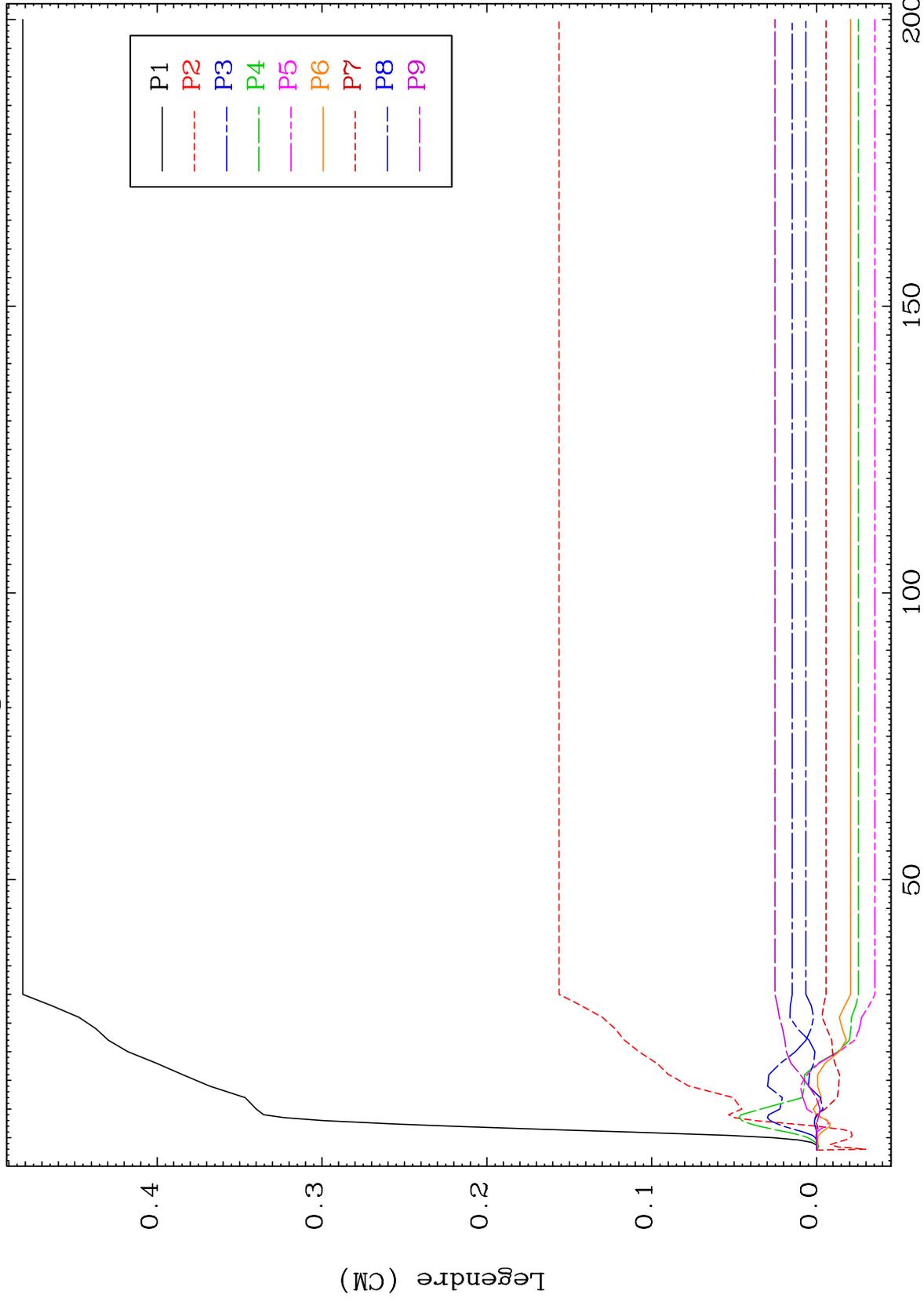
86

Incident Energy (MeV)

86-Rn-212



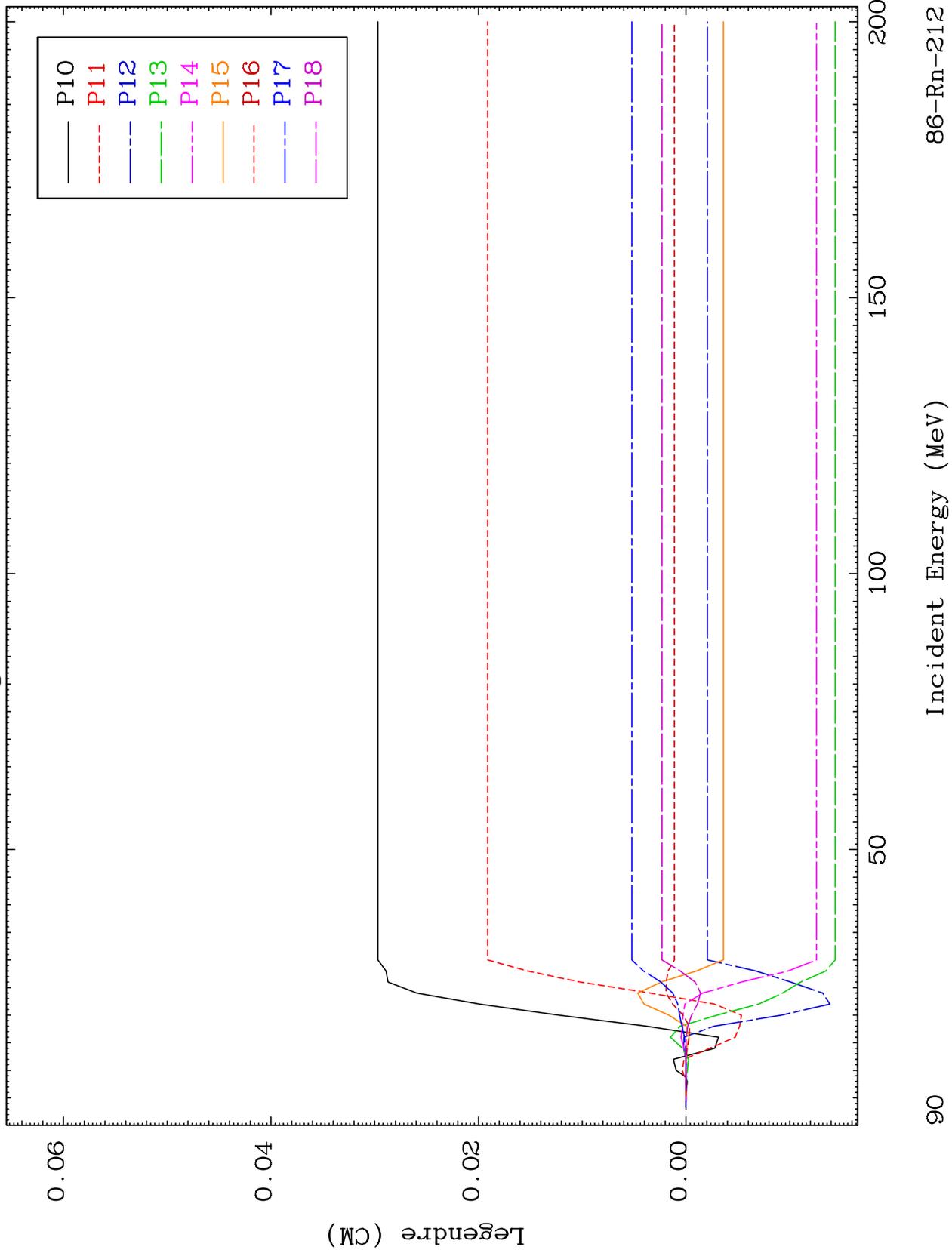




MAT 8628

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

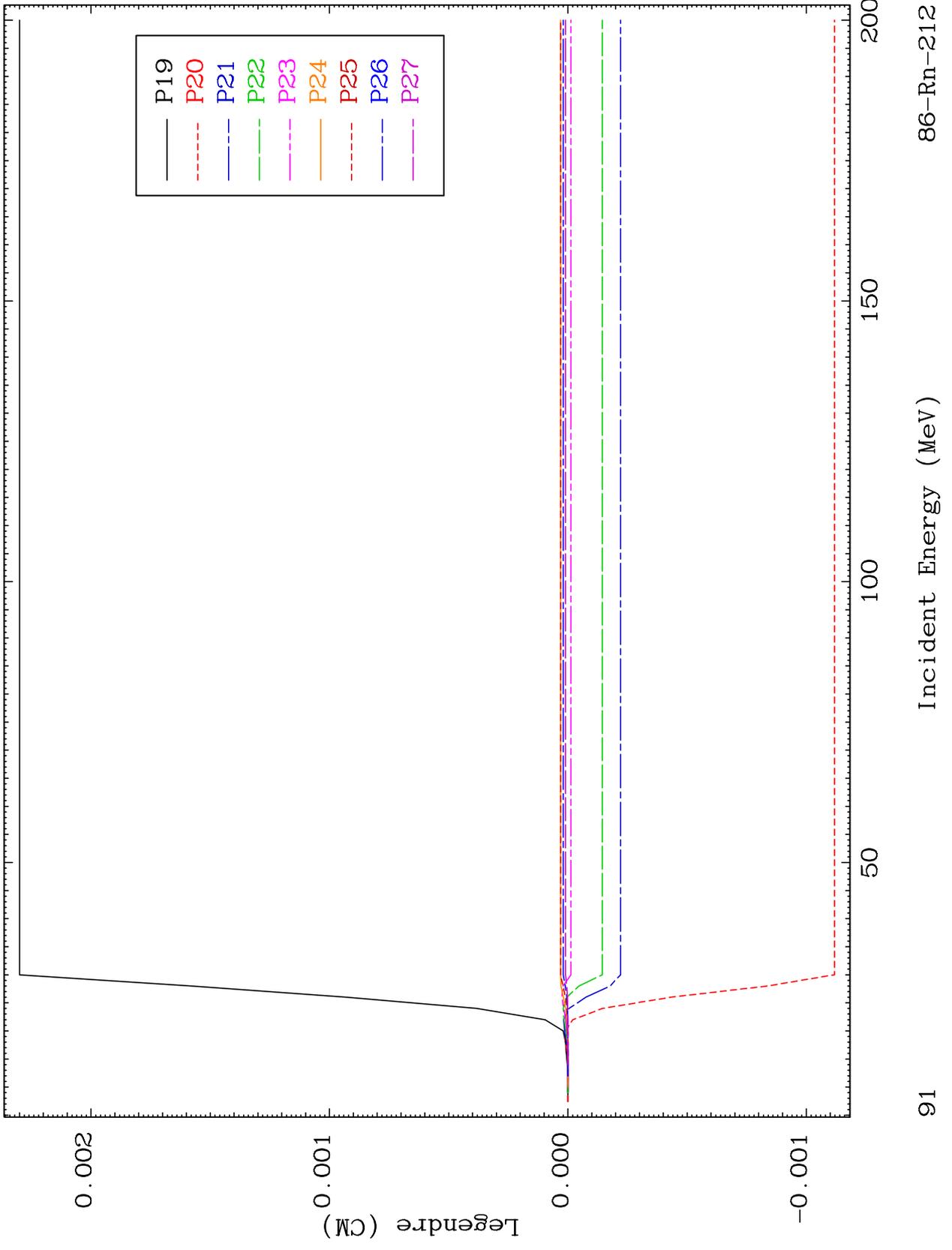
86-Rn-212



MAT 8628

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

86-Rn-212



91

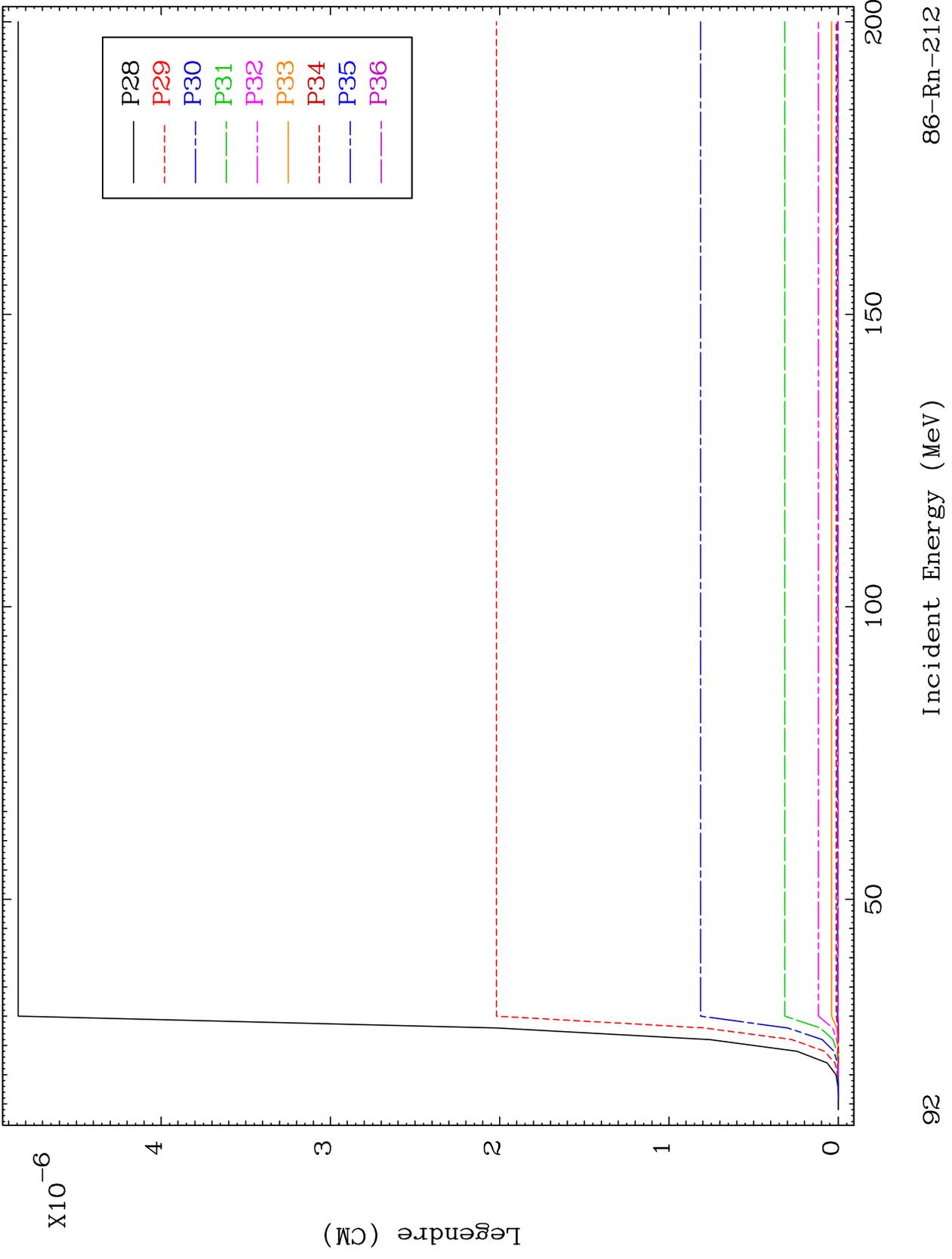
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

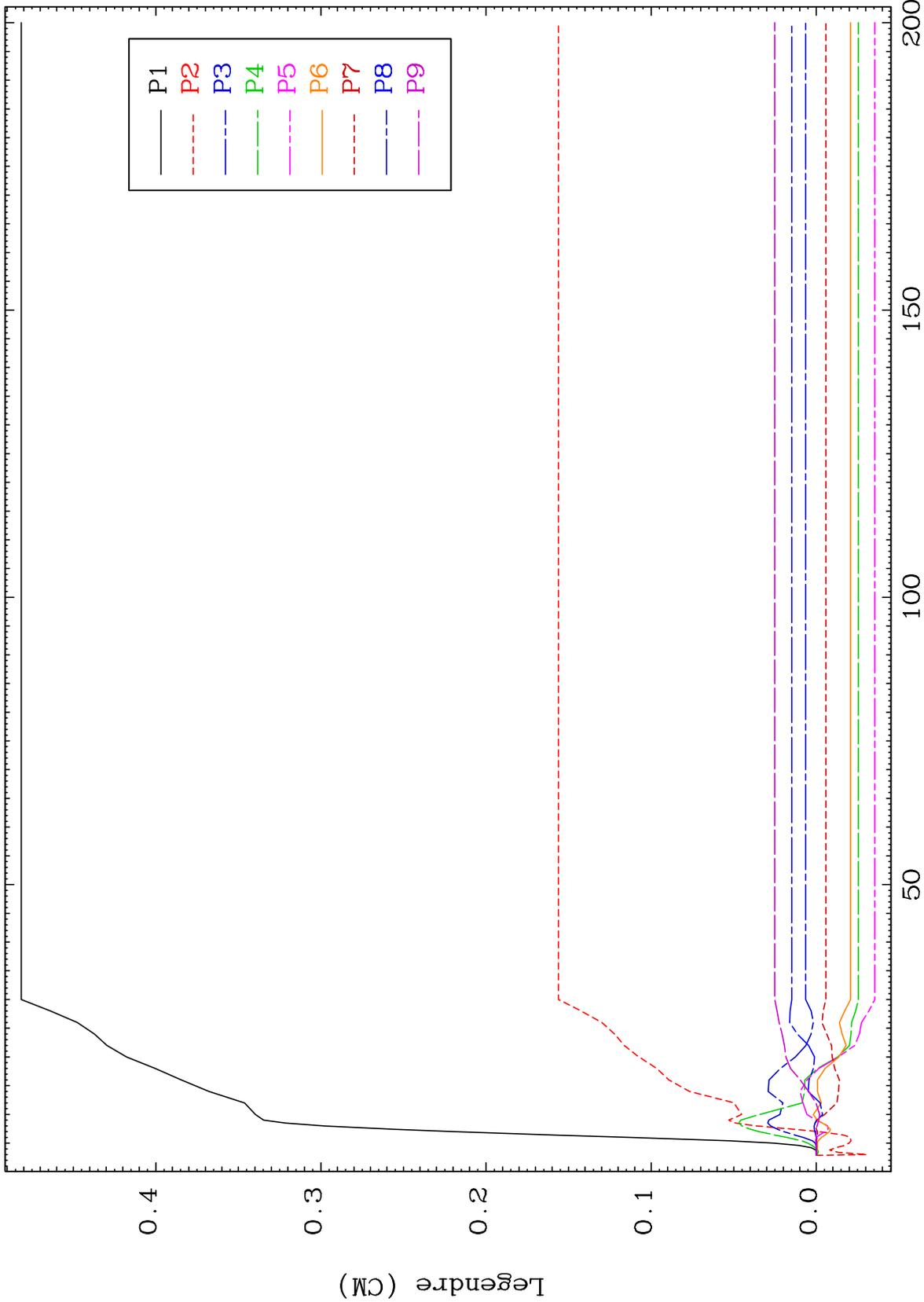
86-Rn-212

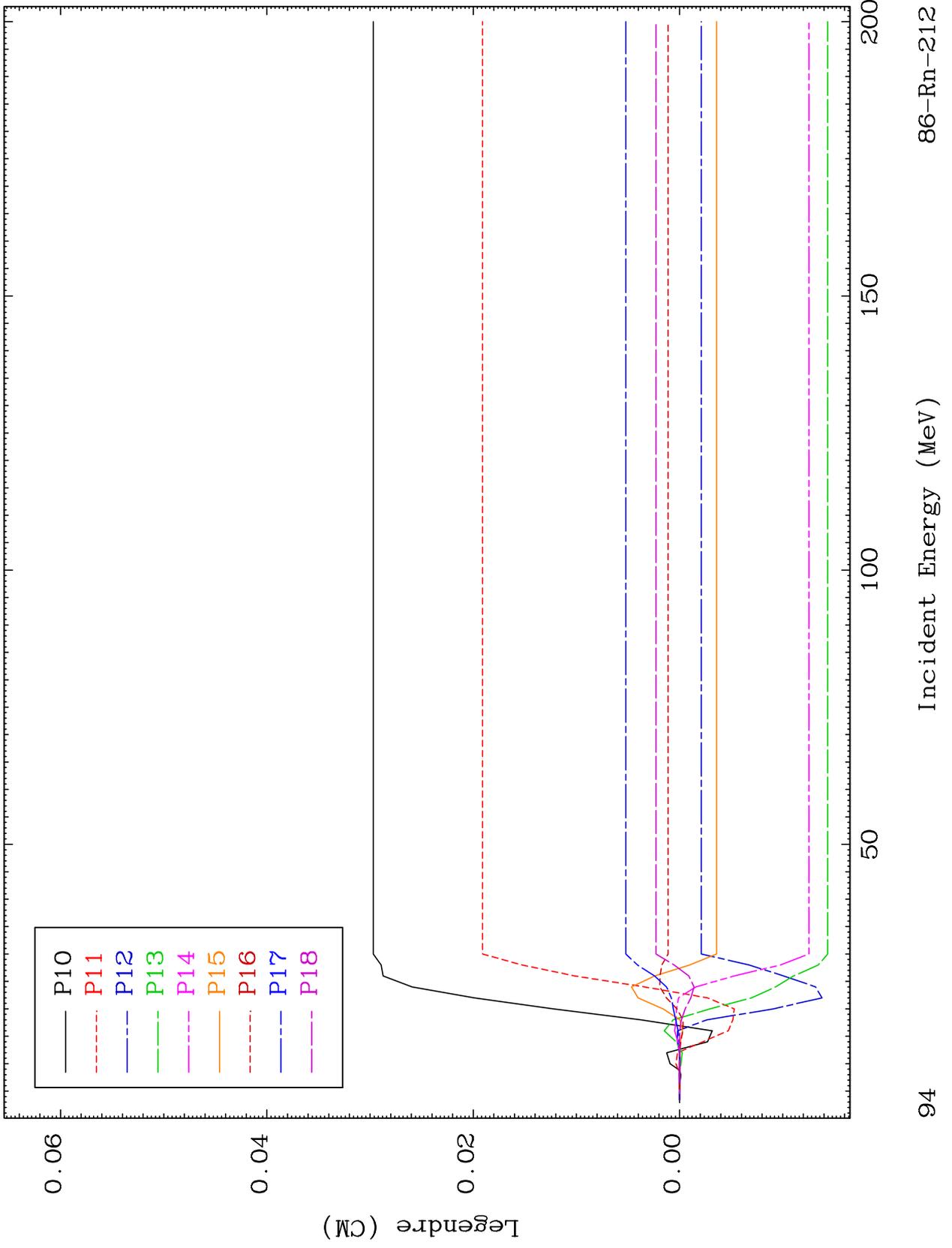


92

Incident Energy (MeV)

86-Rn-212

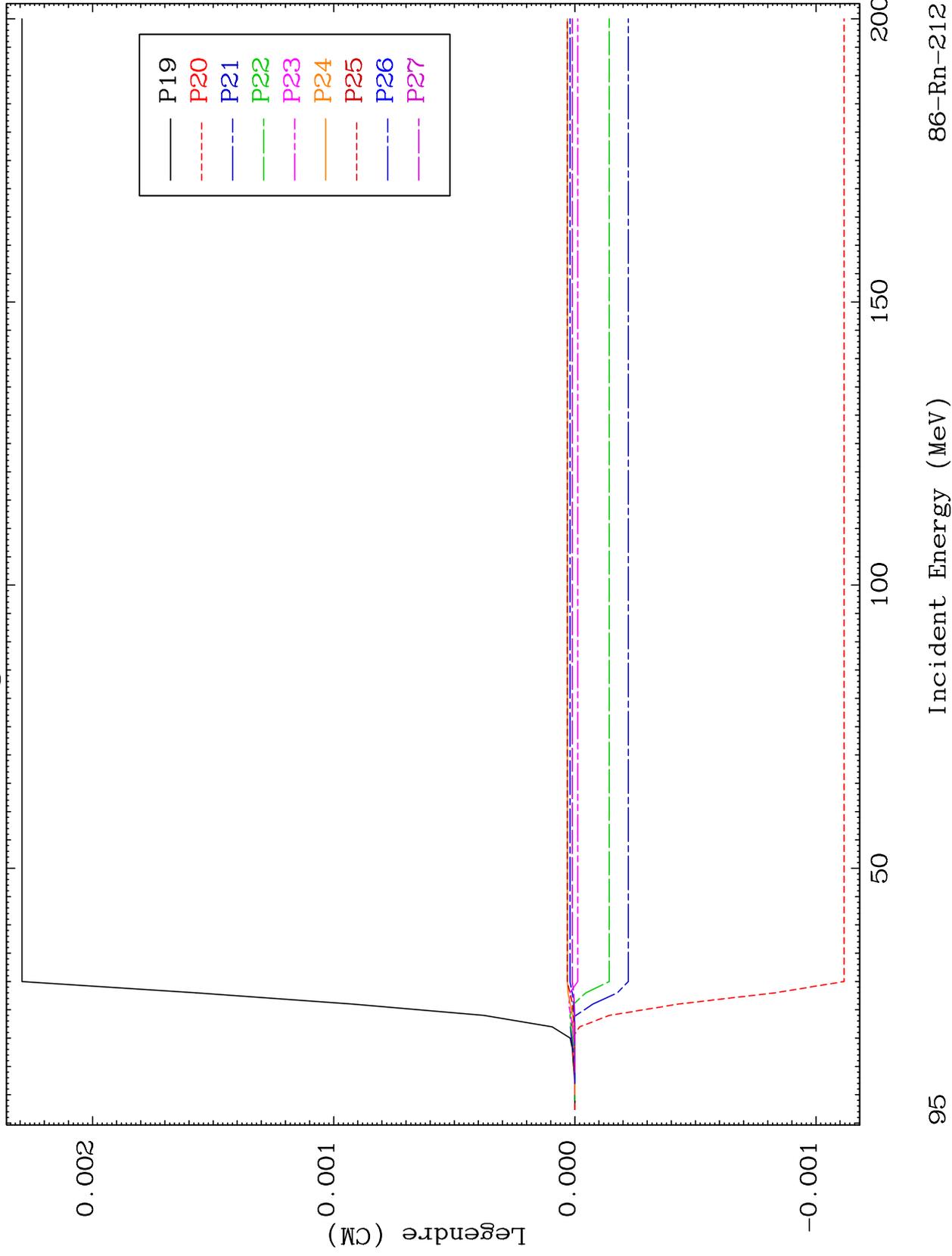




MAT 8628

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

86-Rn-212



95

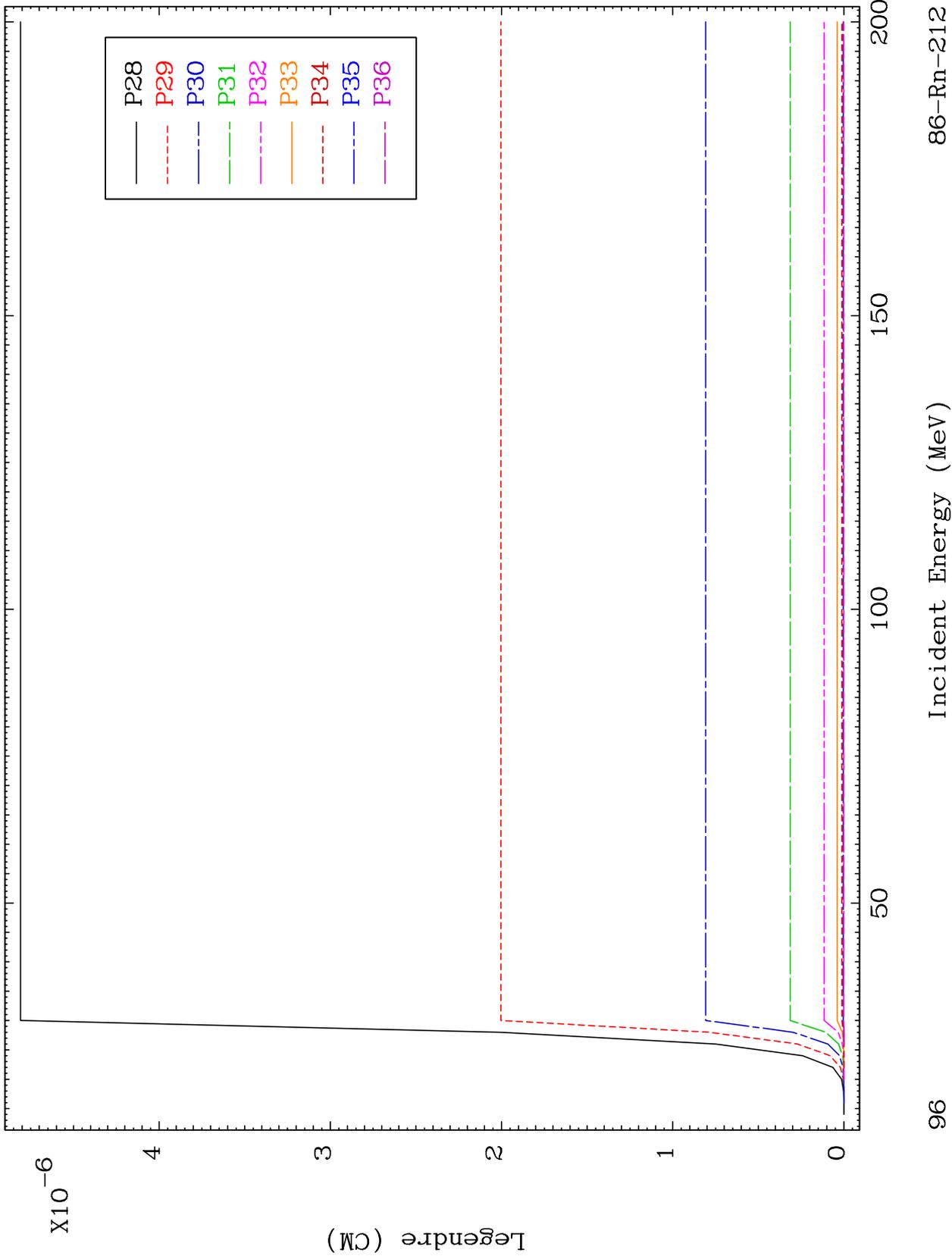
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

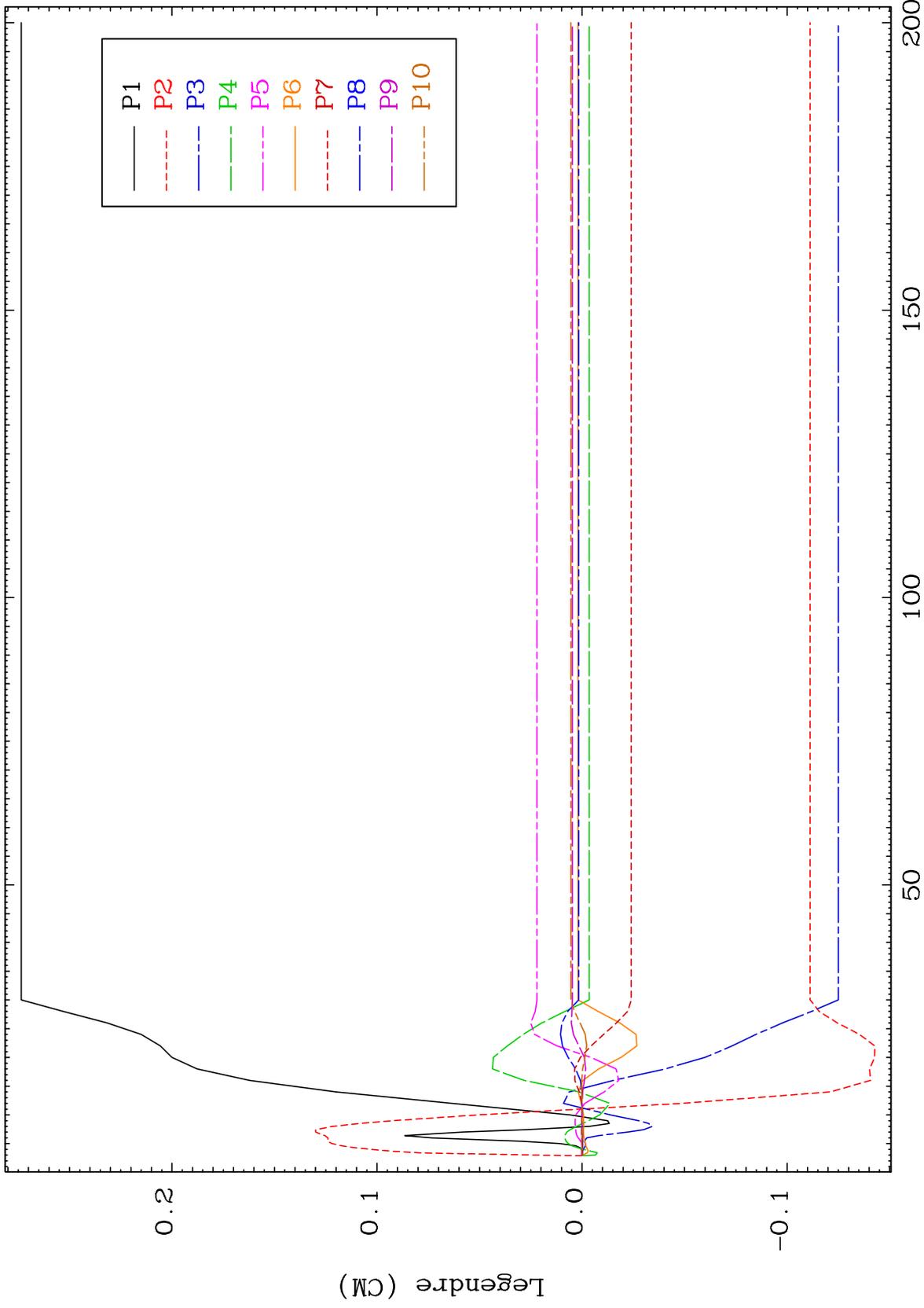
86-Rn-212



96

Incident Energy (MeV)

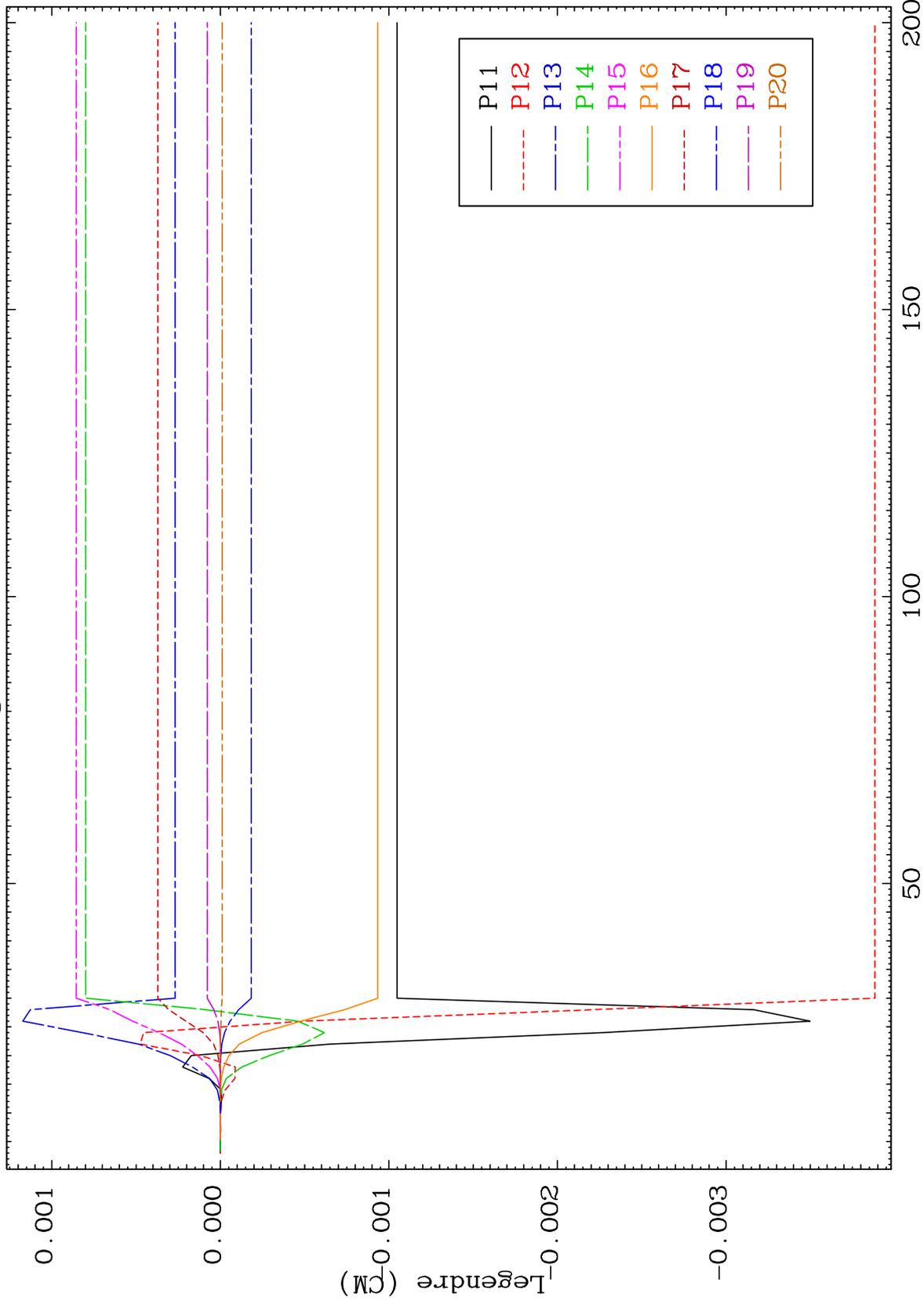
86-Rn-212



MAT 8628

MT= 71 (n,n') Level
Legendre Coefficients

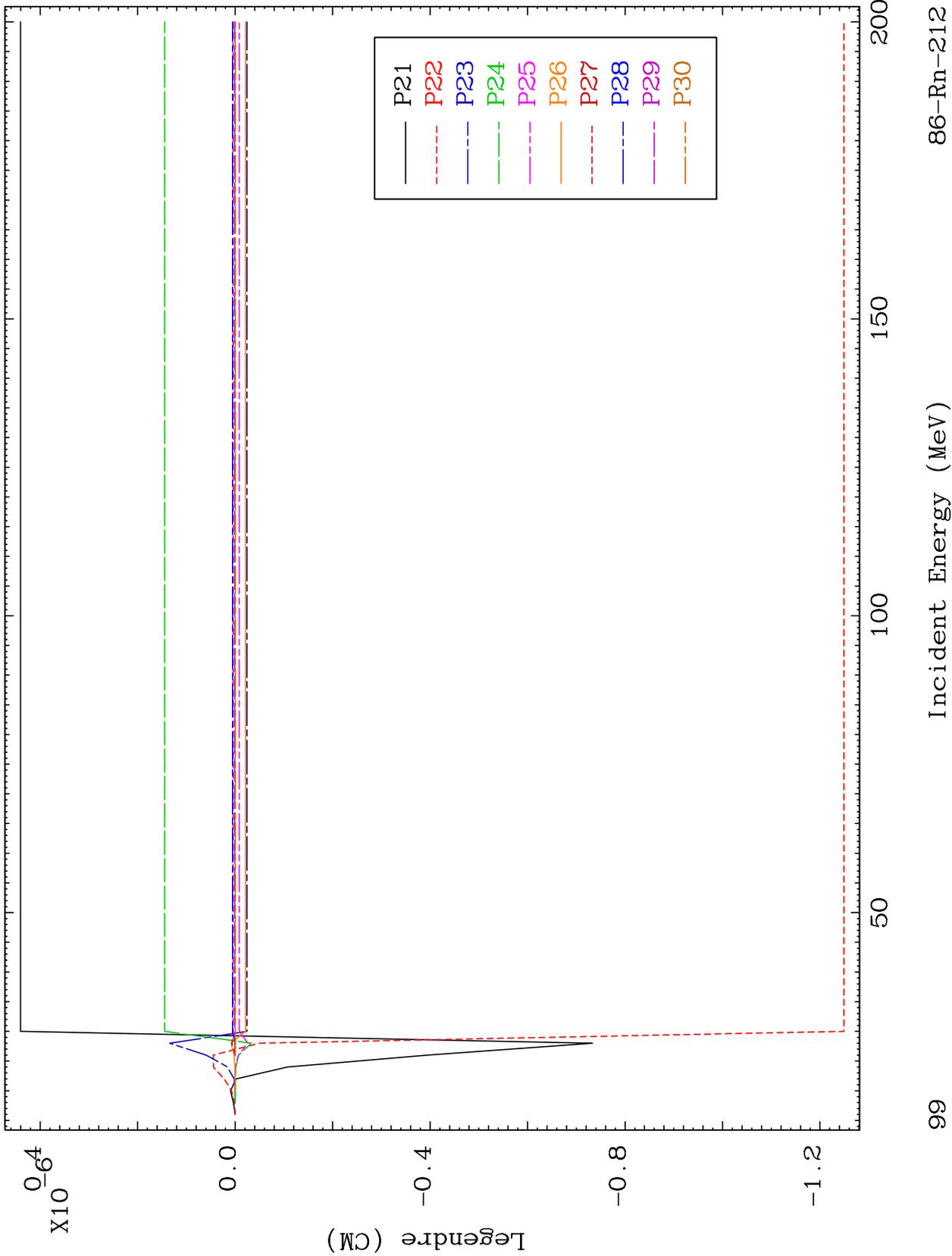
86-Rn-212



98

Incident Energy (MeV)

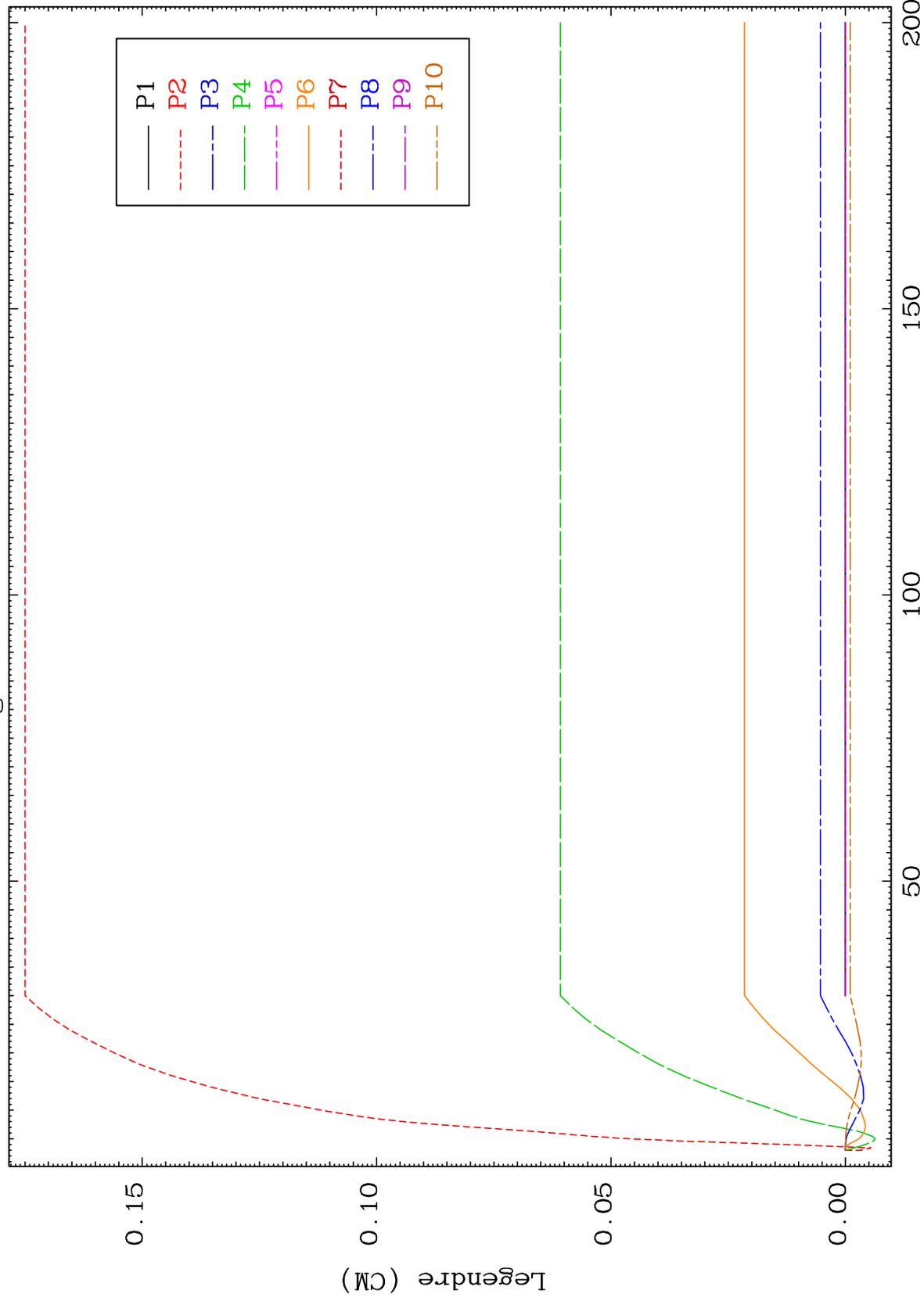
86-Rn-212



MAT 8628

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

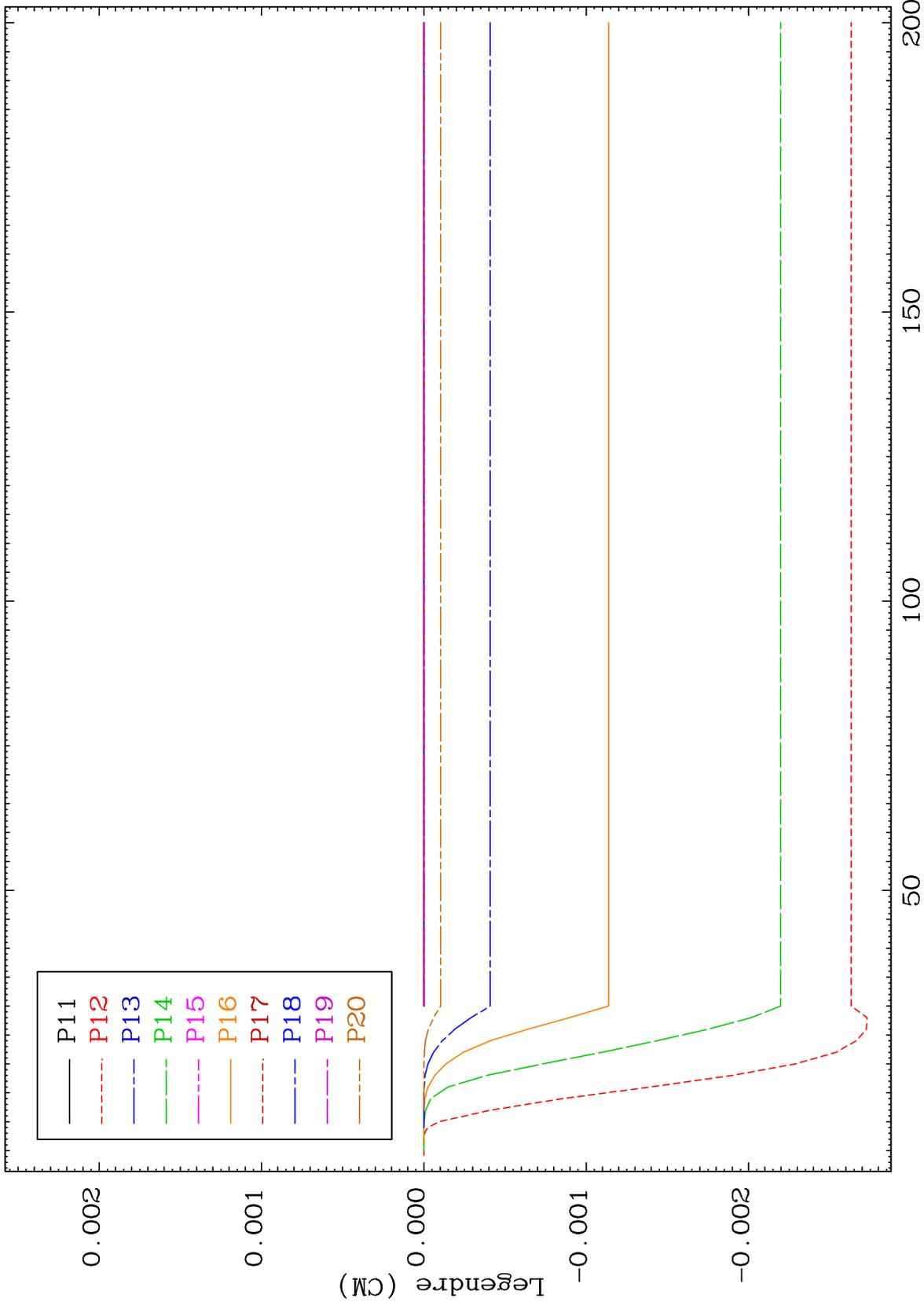
86-Rn-212



86-Rn-212

Incident Energy (MeV)

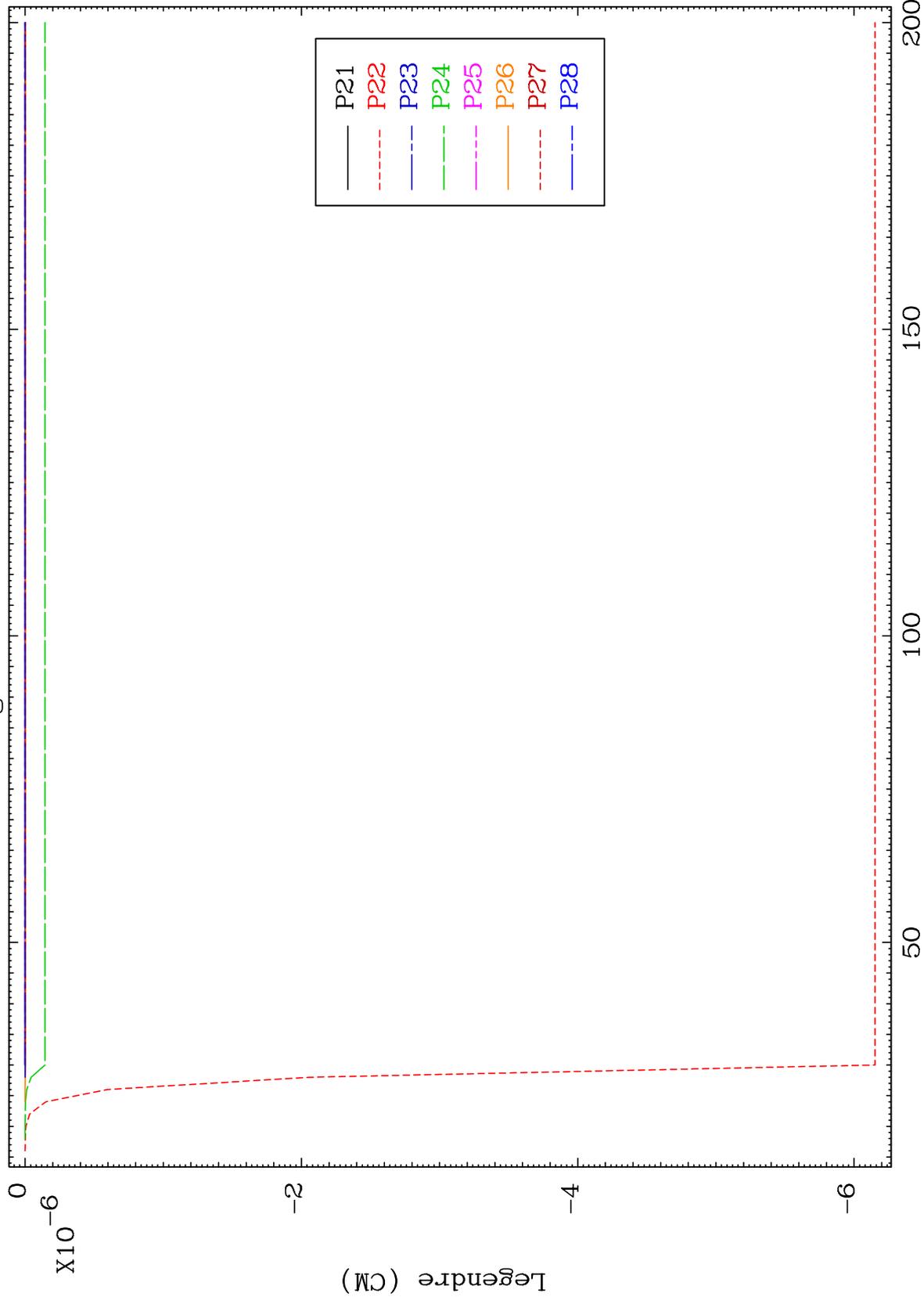
100



MAT 8628

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

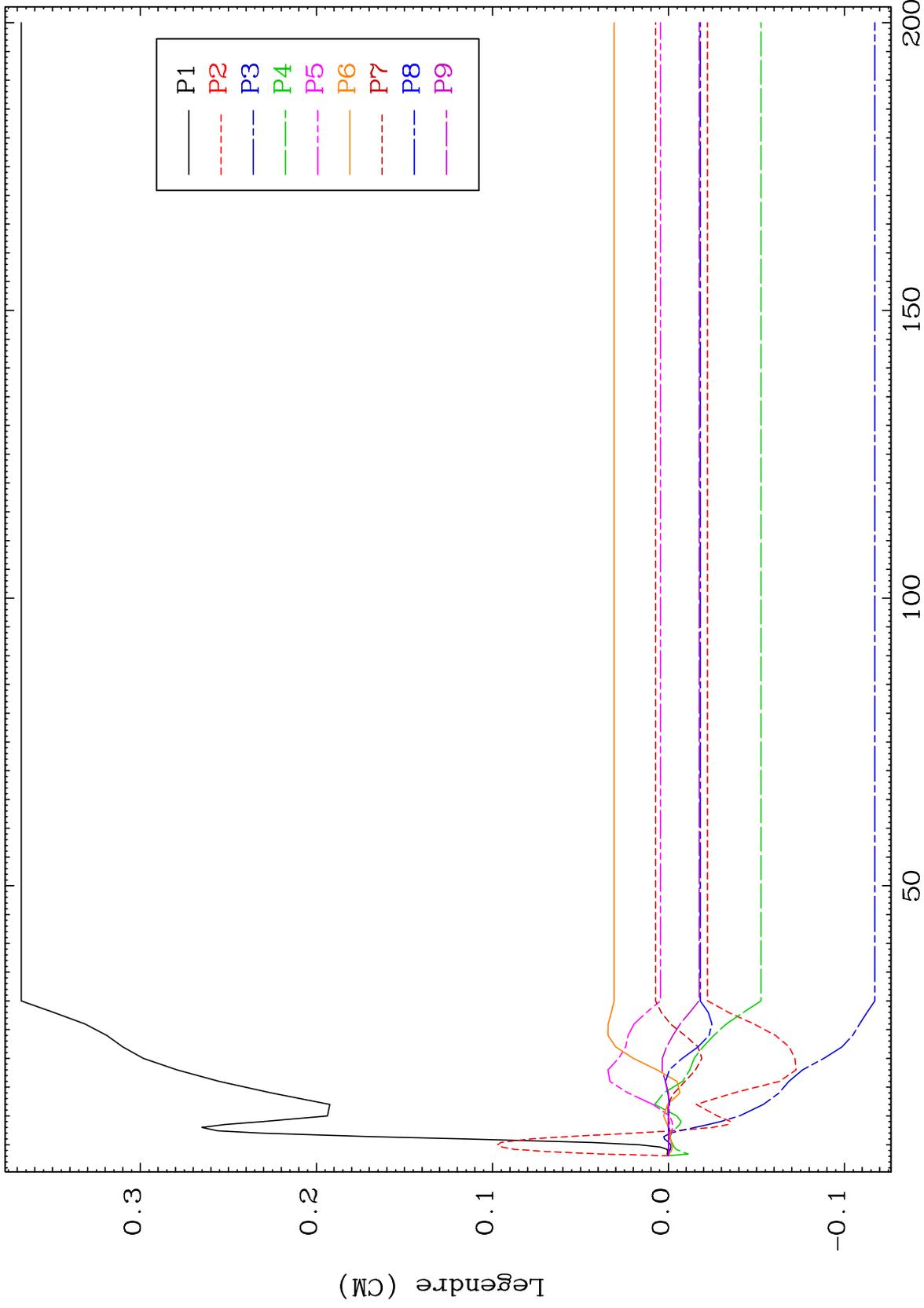
86-Rn-212



86-Rn-212

Incident Energy (MeV)

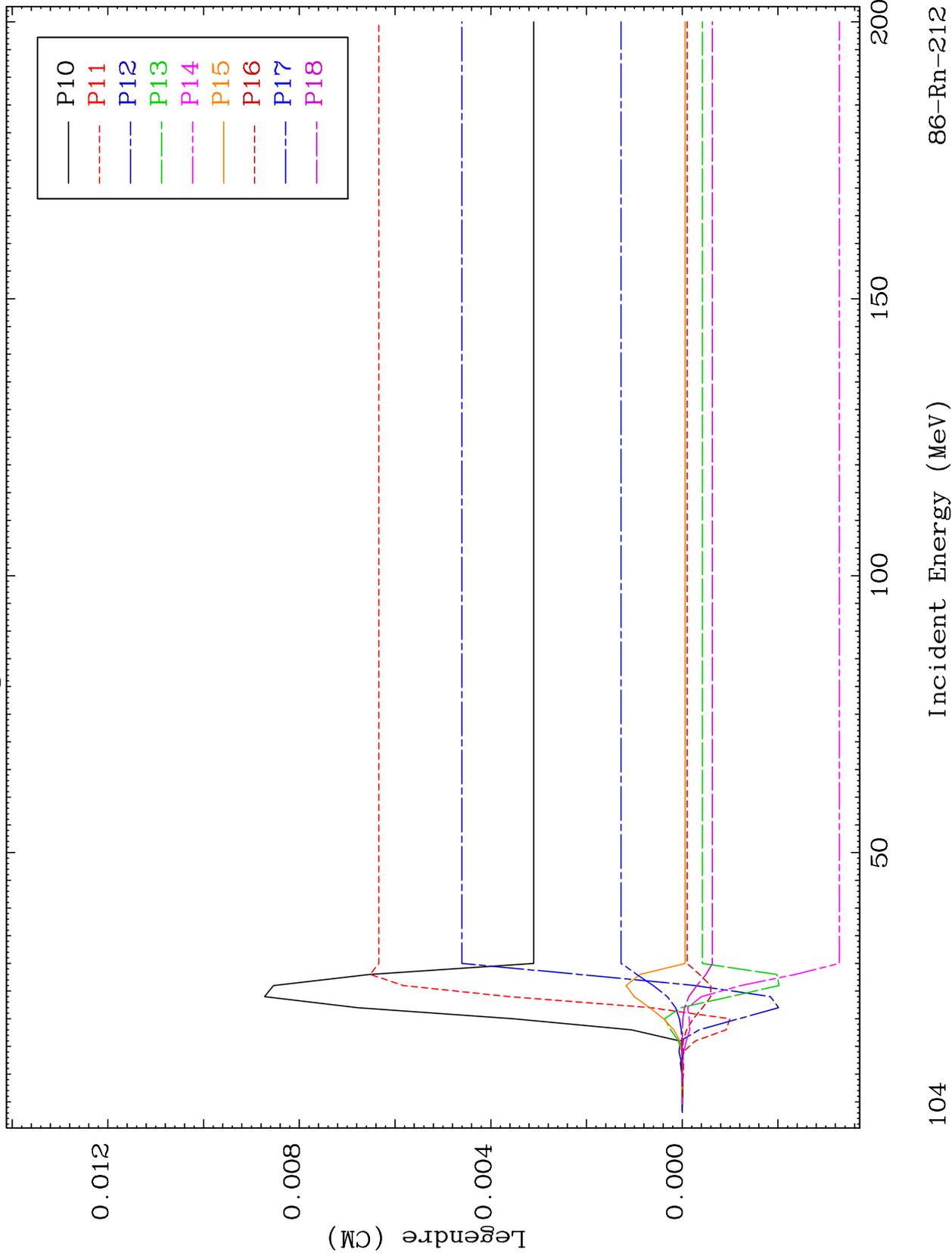
102



MAT 8628

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

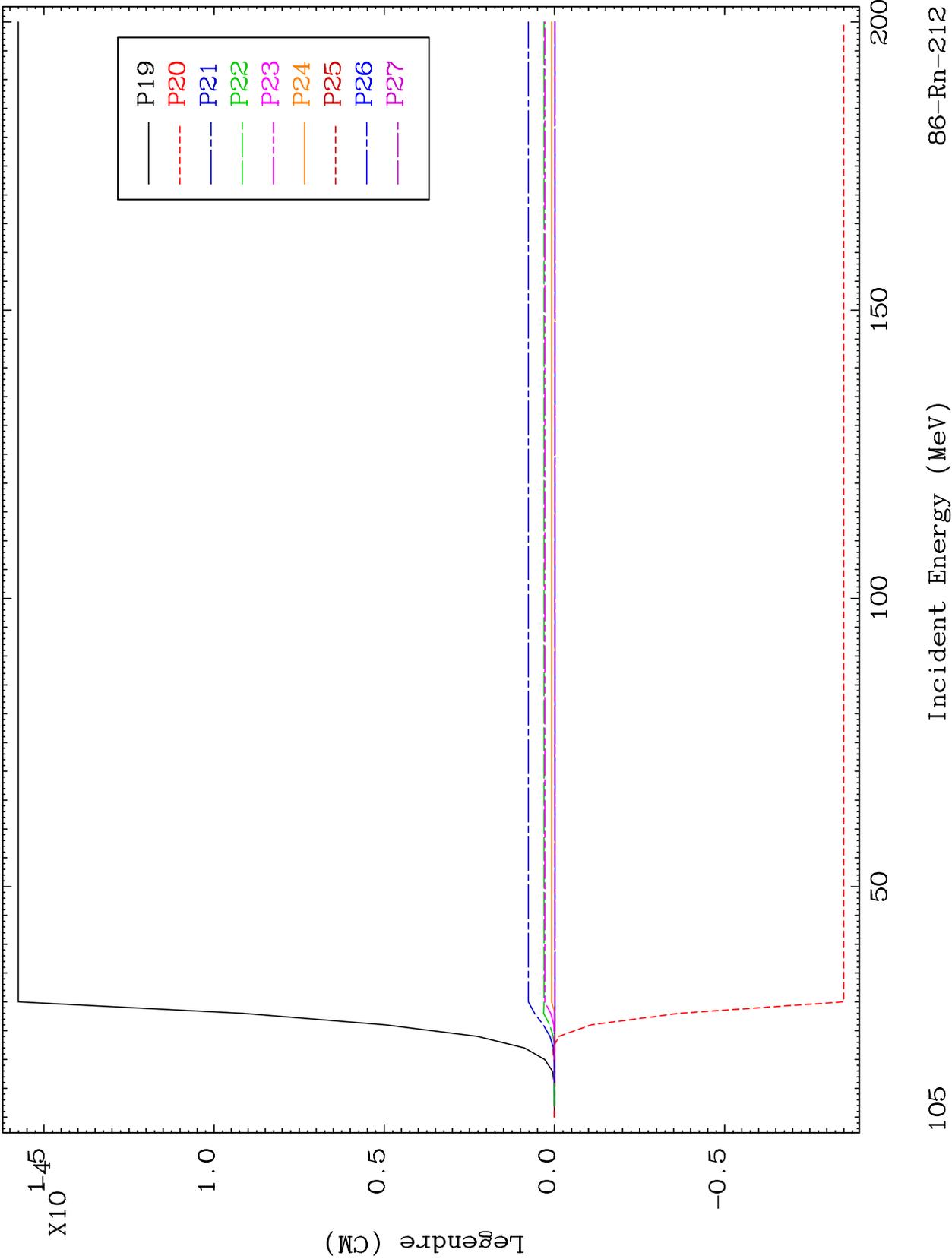
86-Rn-212



MAT 8628

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

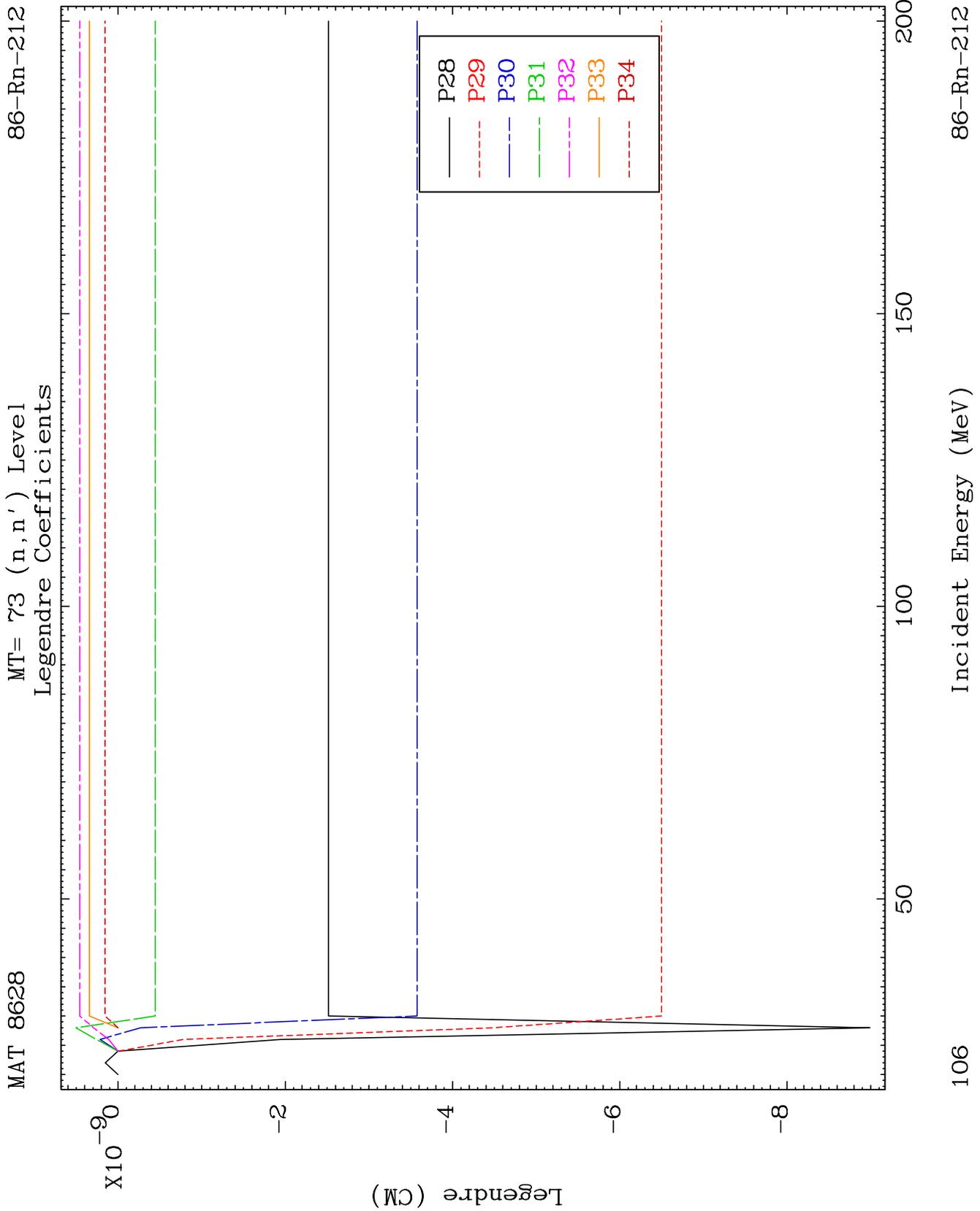
86-Rn-212



105

Incident Energy (MeV)

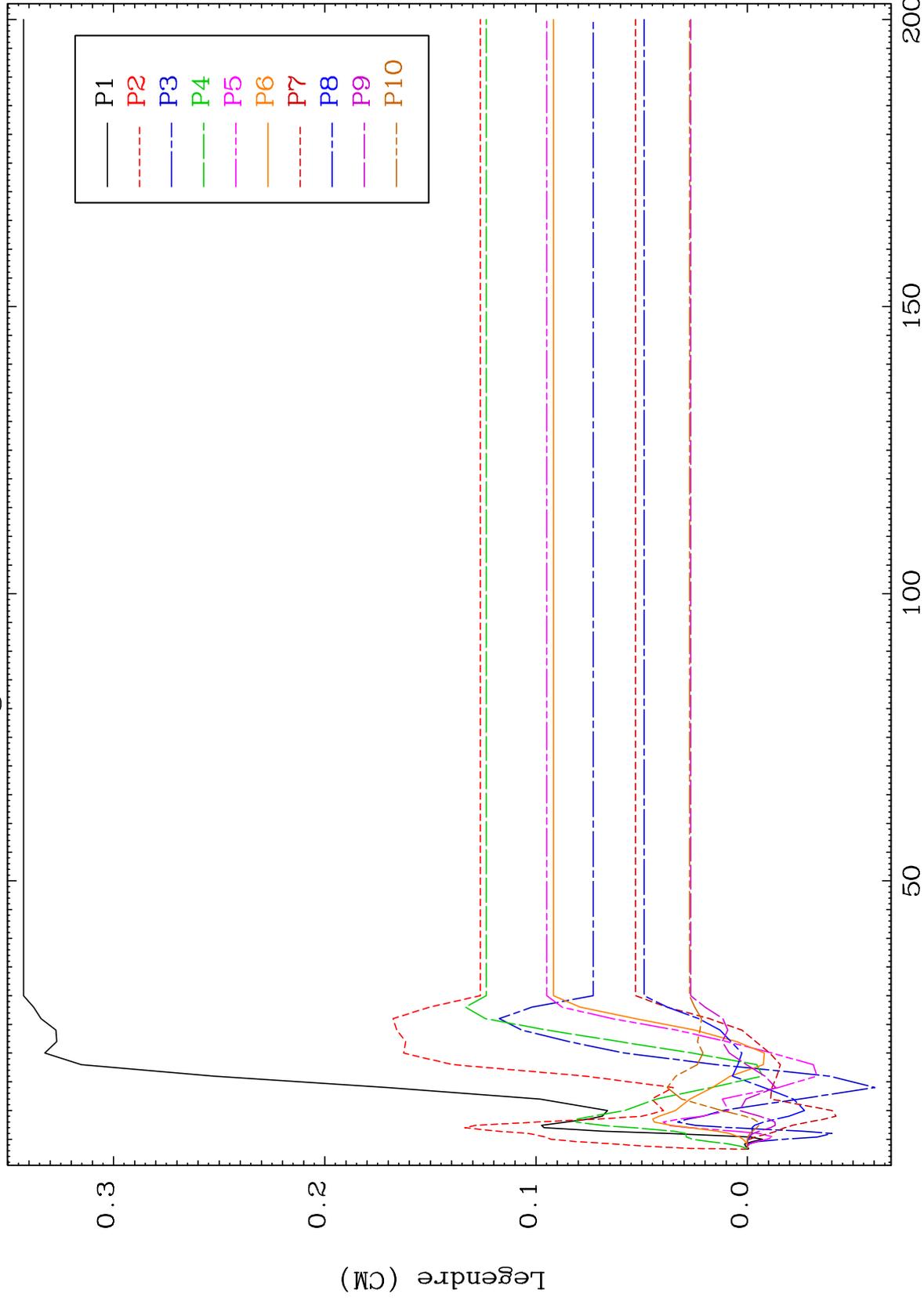
86-Rn-212



MAT 8628

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

86-Rn-212



107

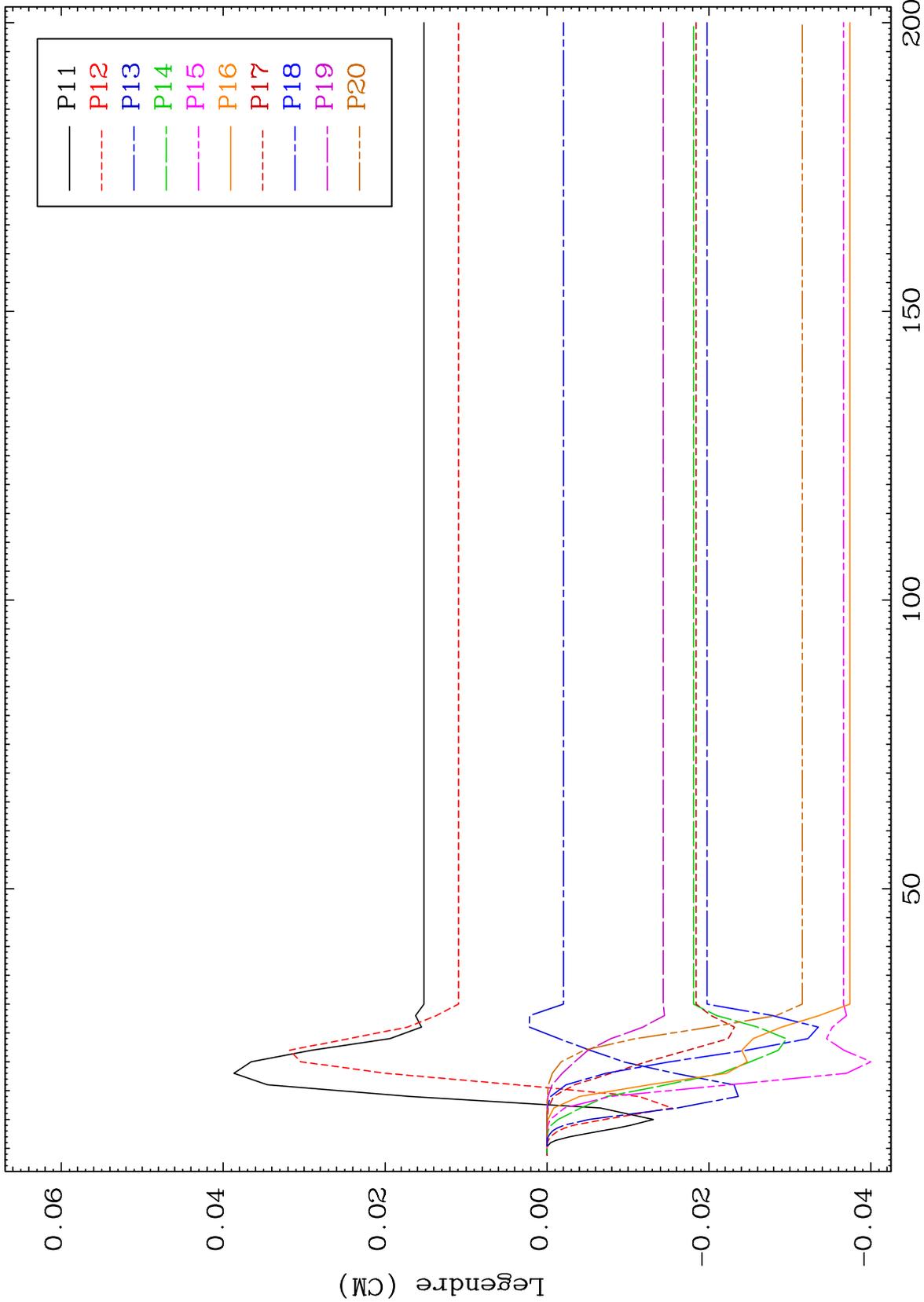
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

86-Rn-212



108

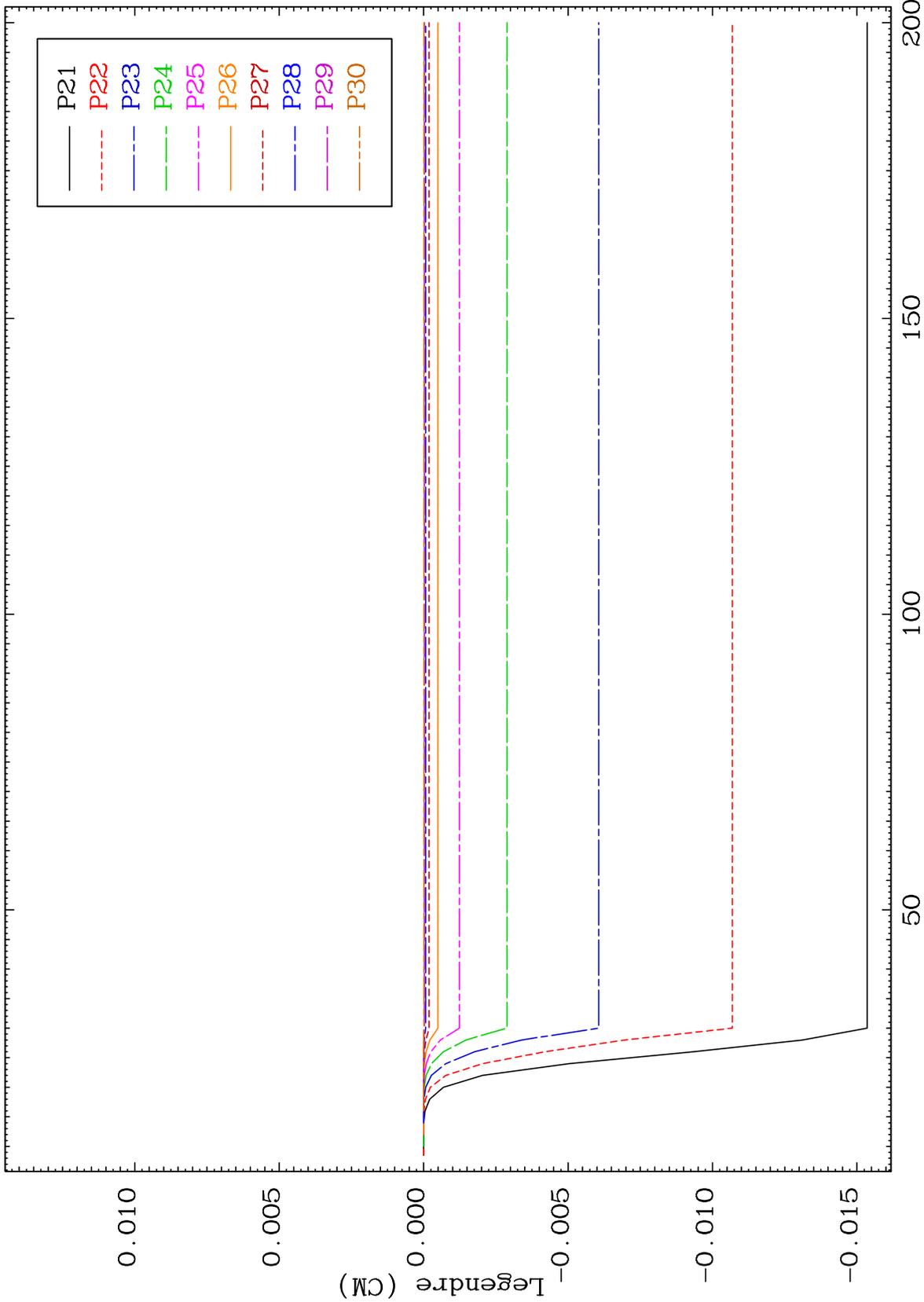
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

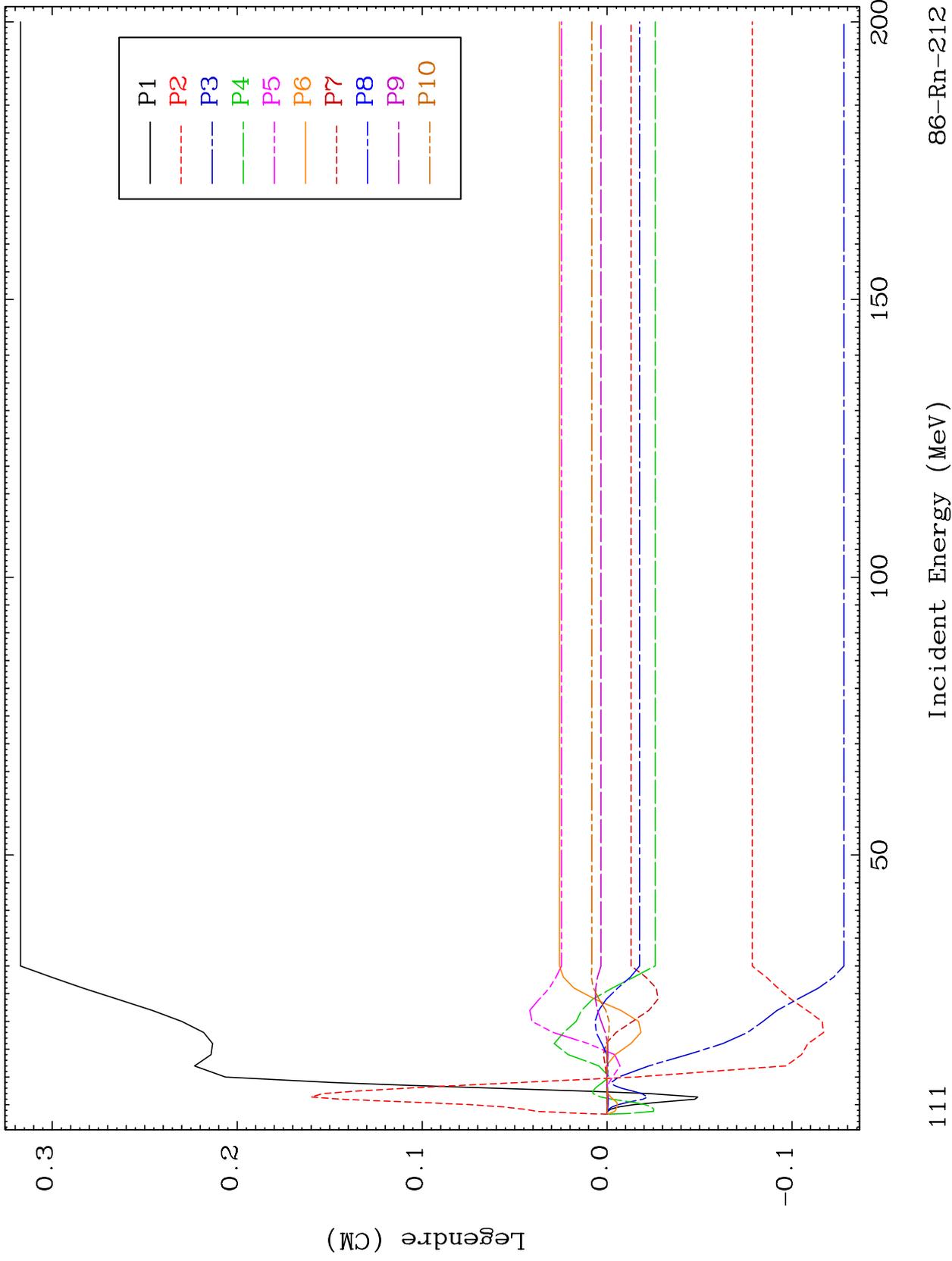
86-Rn-212



109

Incident Energy (MeV)

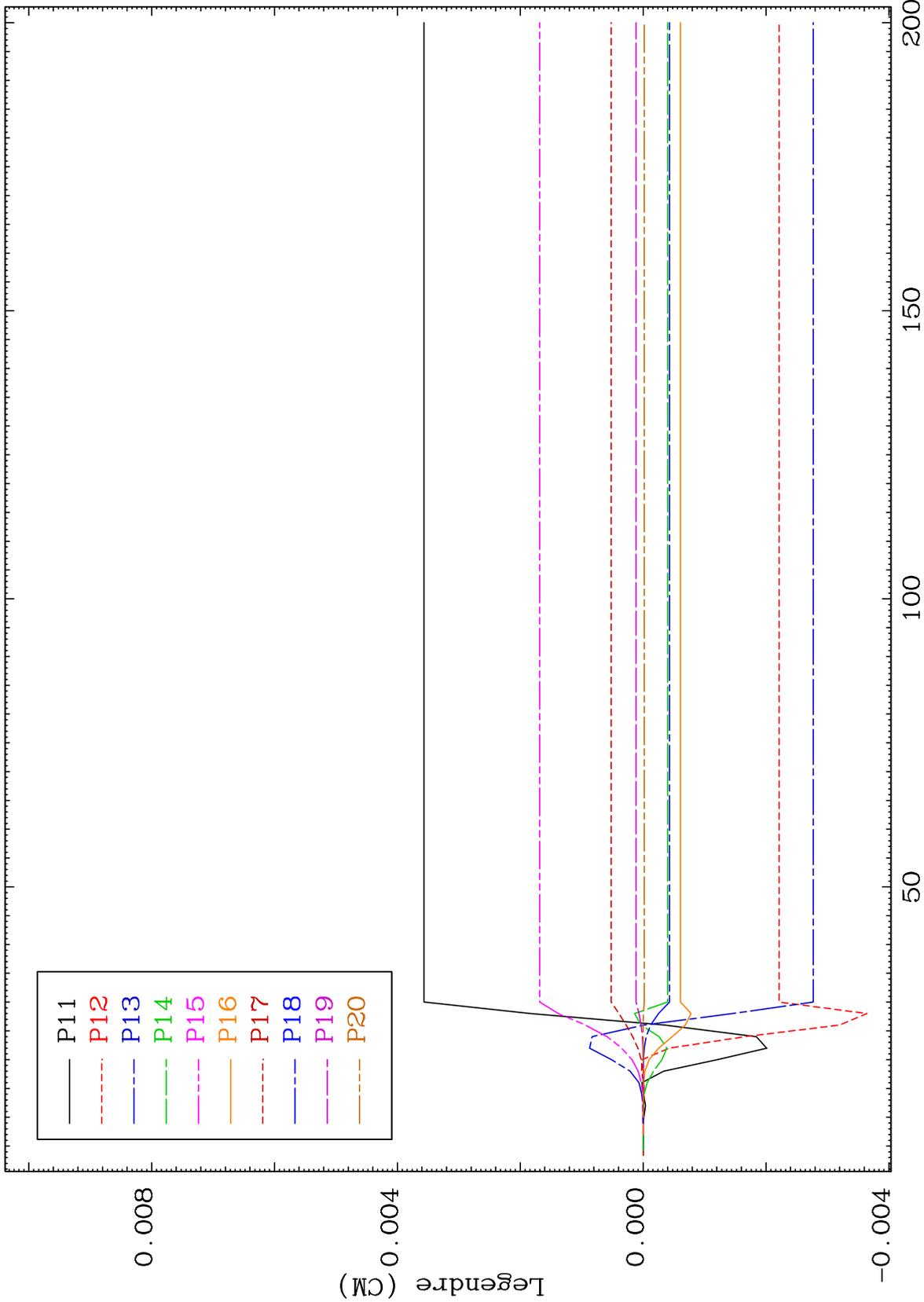
86-Rn-212



MAT 8628

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

86-Rn-212



112

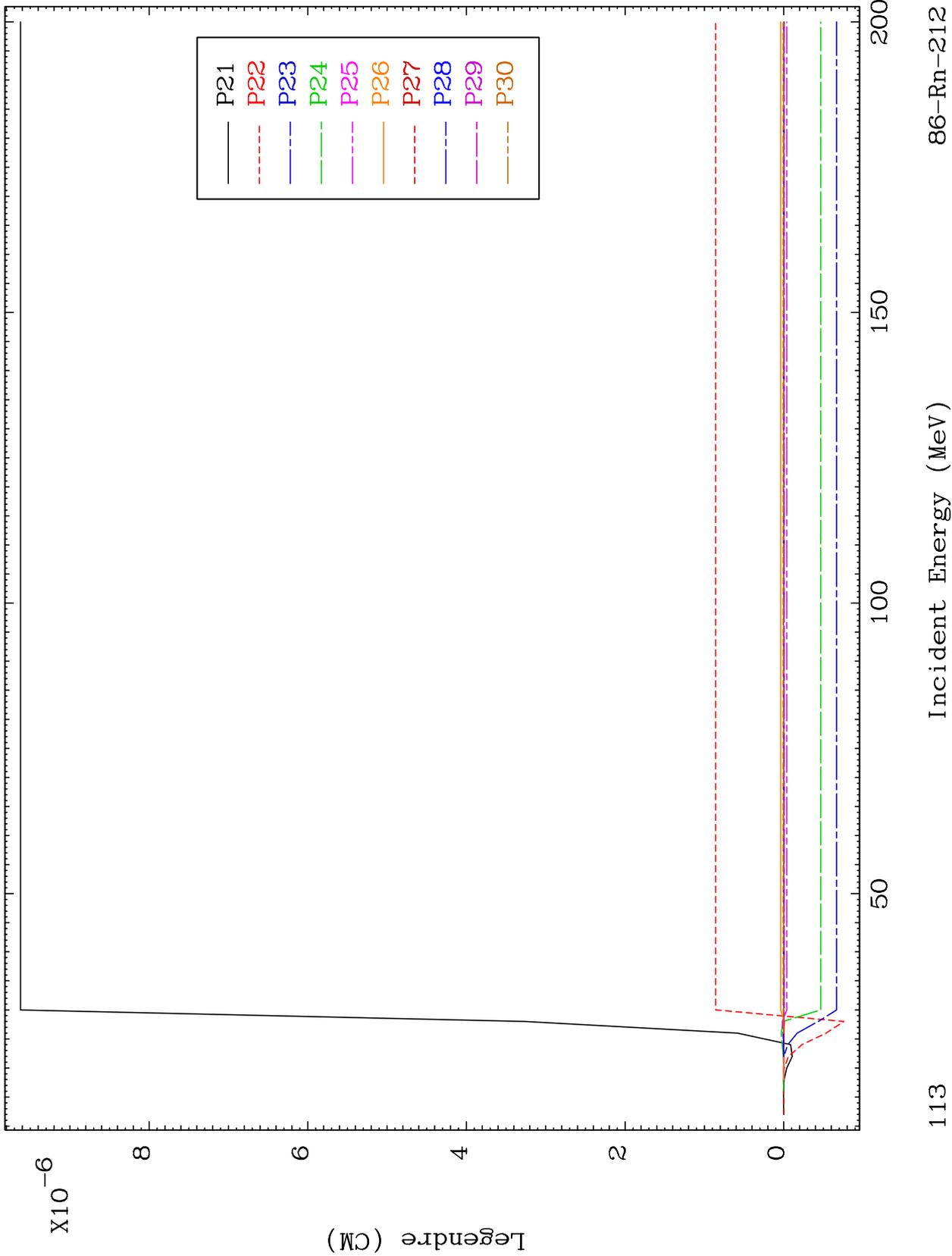
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

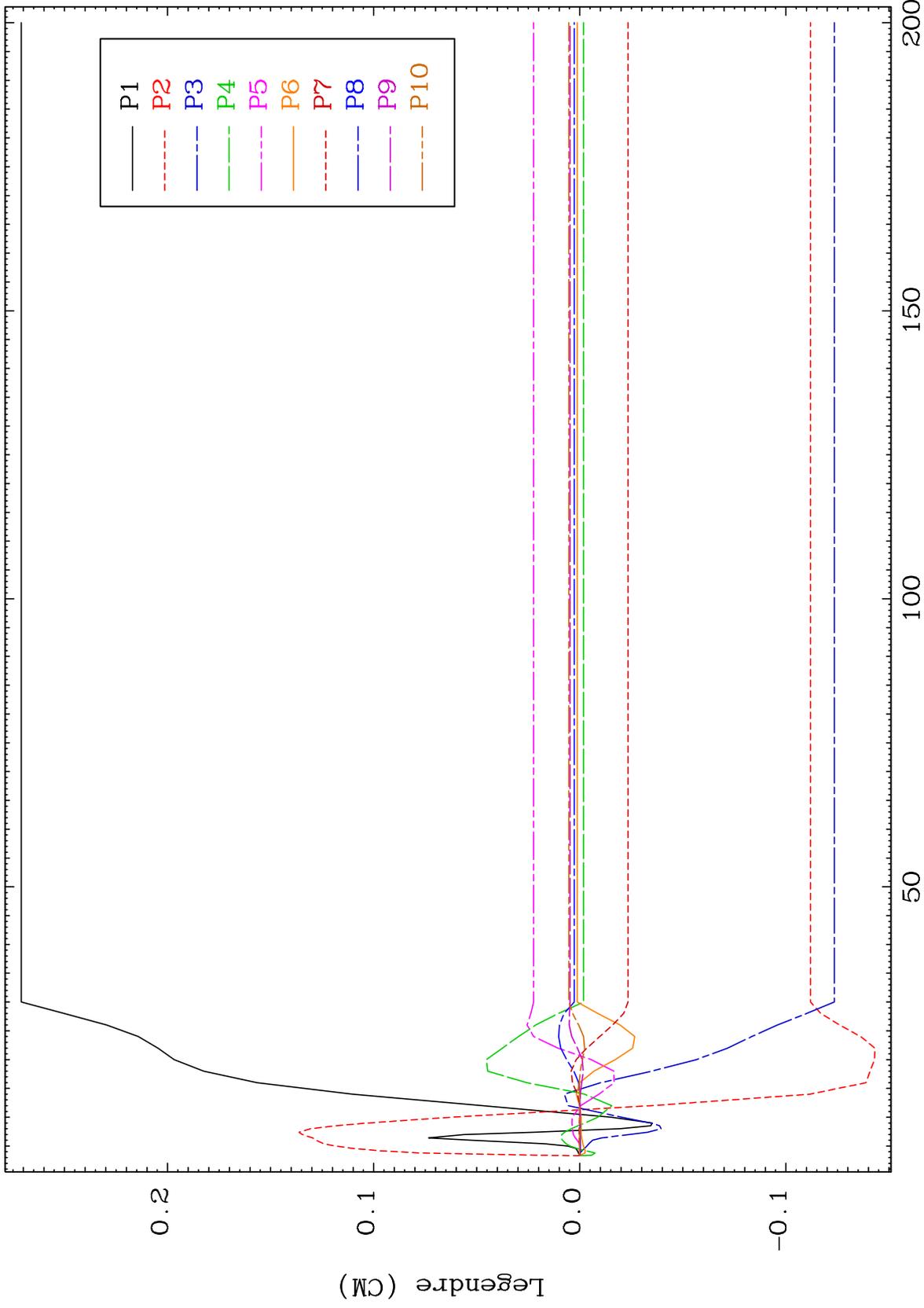
86-Rn-212



113

Incident Energy (MeV)

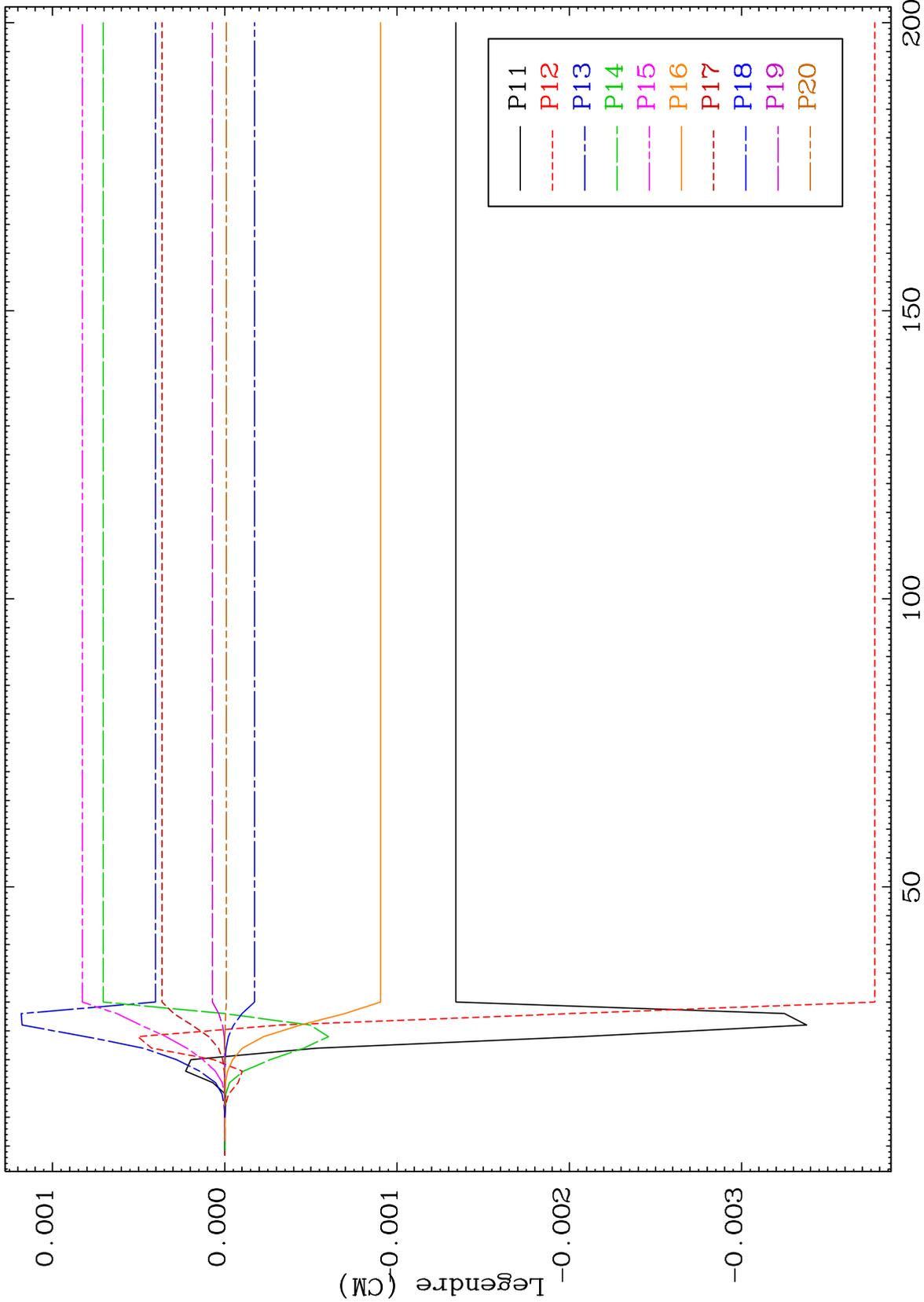
86-Rn-212



MAT 8628

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

86-Rn-212



115

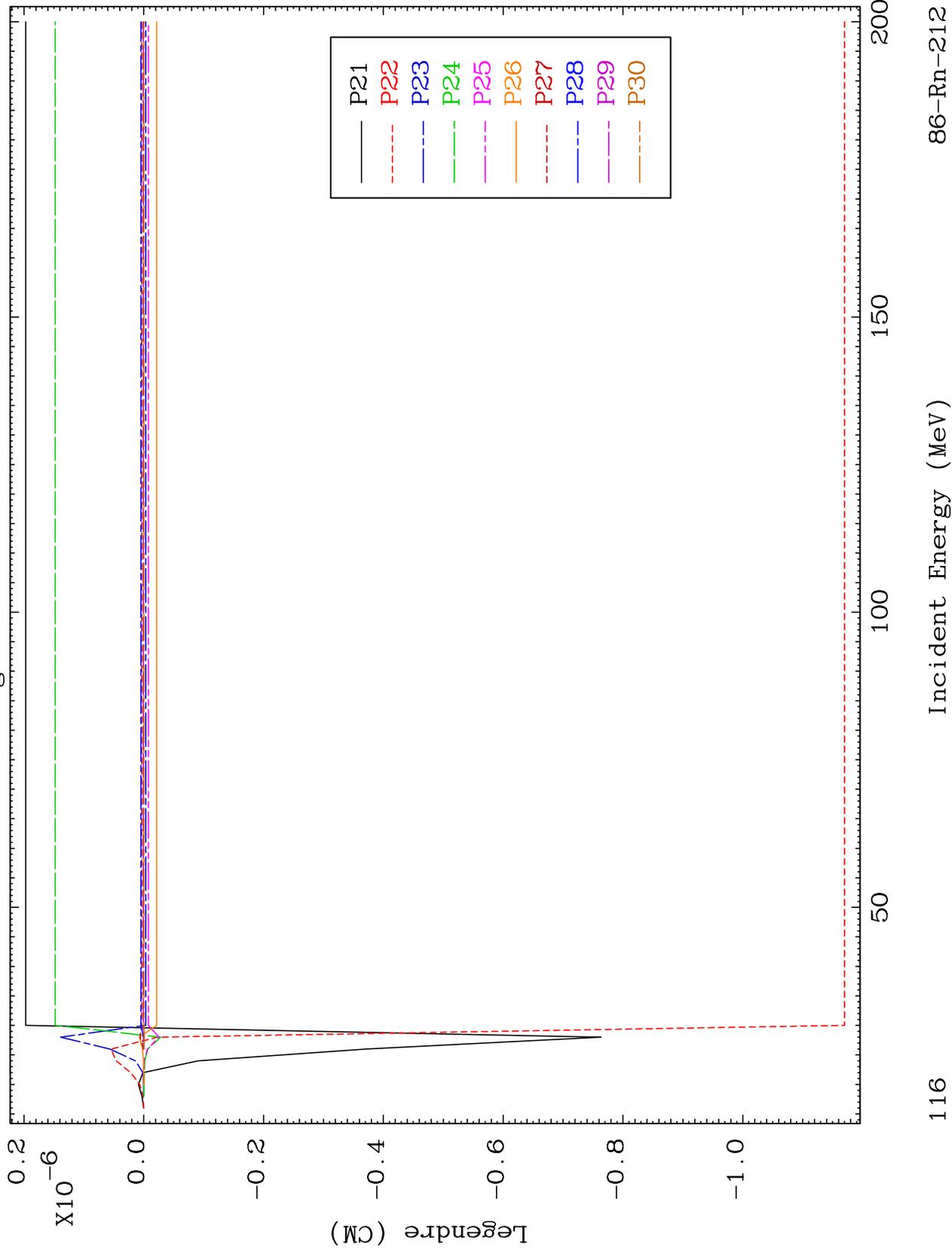
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

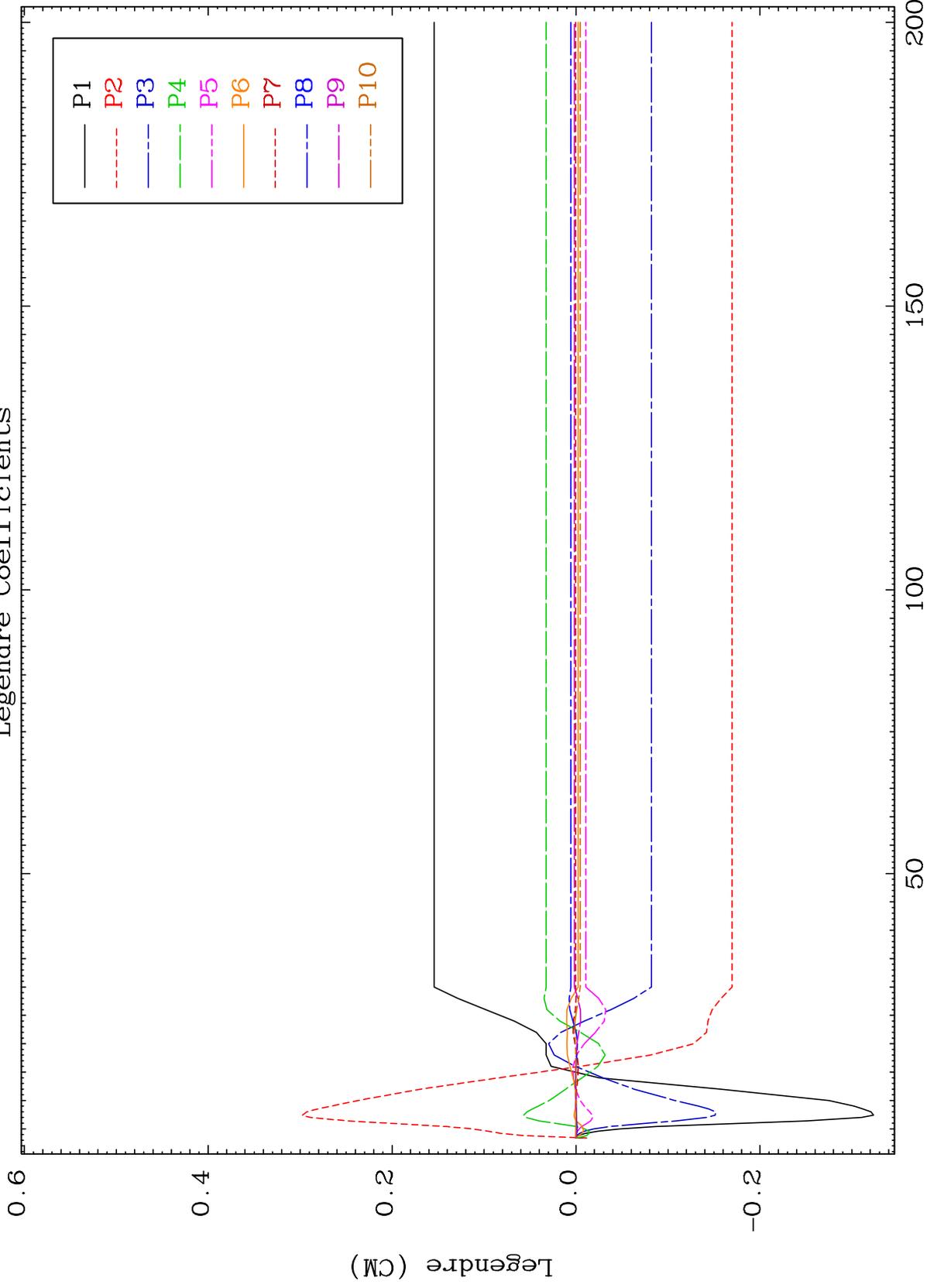
86-Rn-212



MAT 8628

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

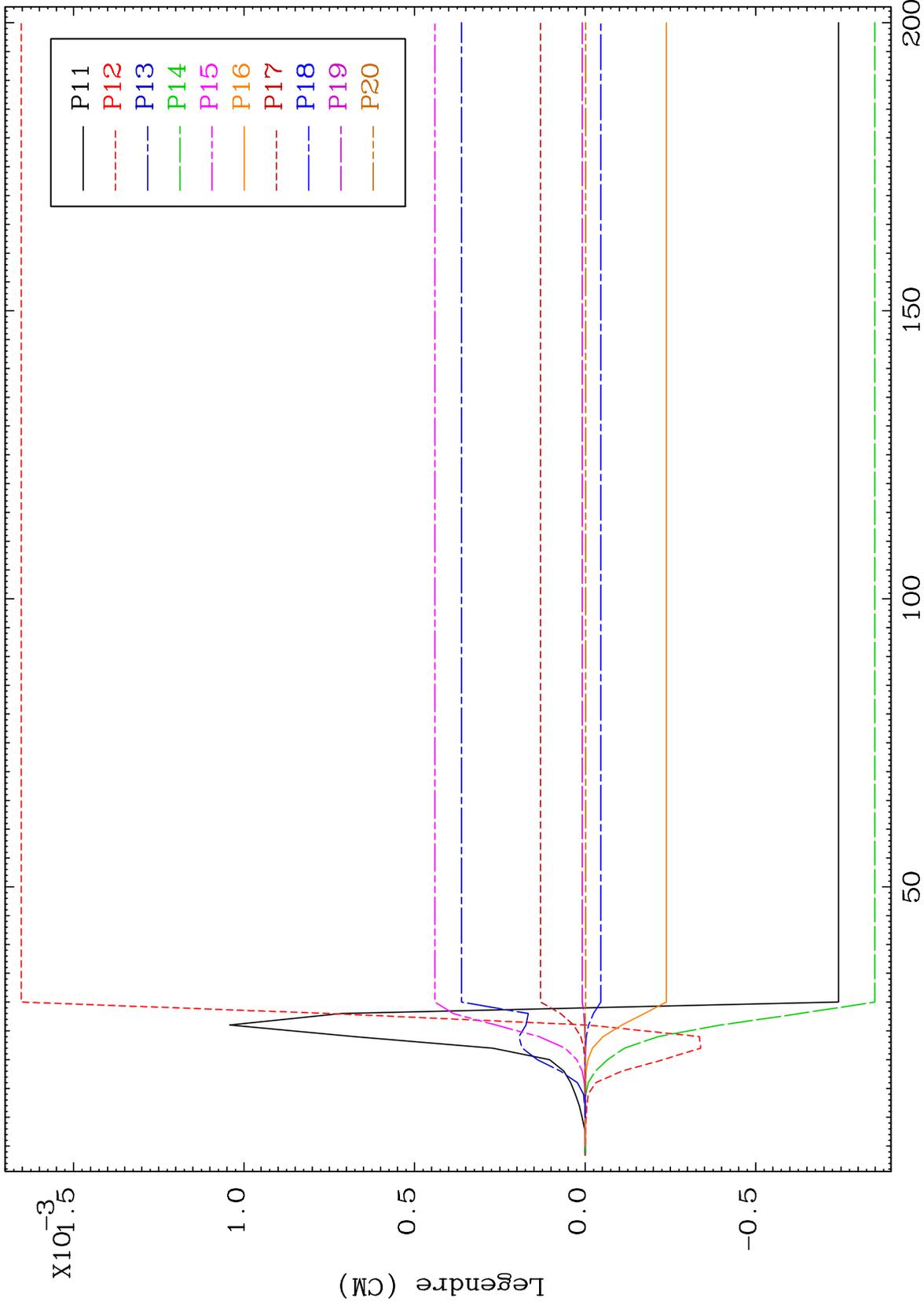
86-Rn-212



117

Incident Energy (MeV)

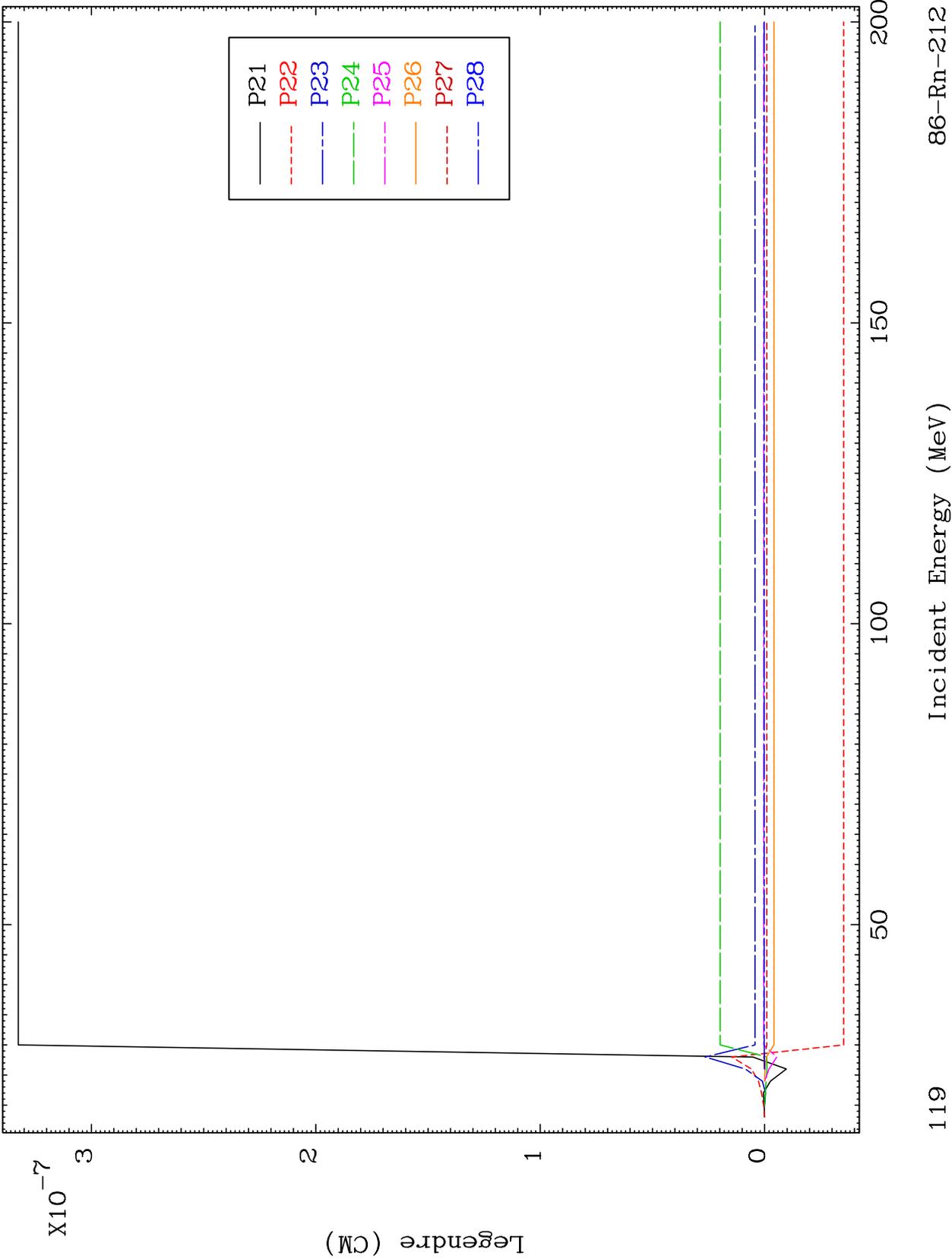
86-Rn-212



MAT 8628

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

86-Rn-212



119

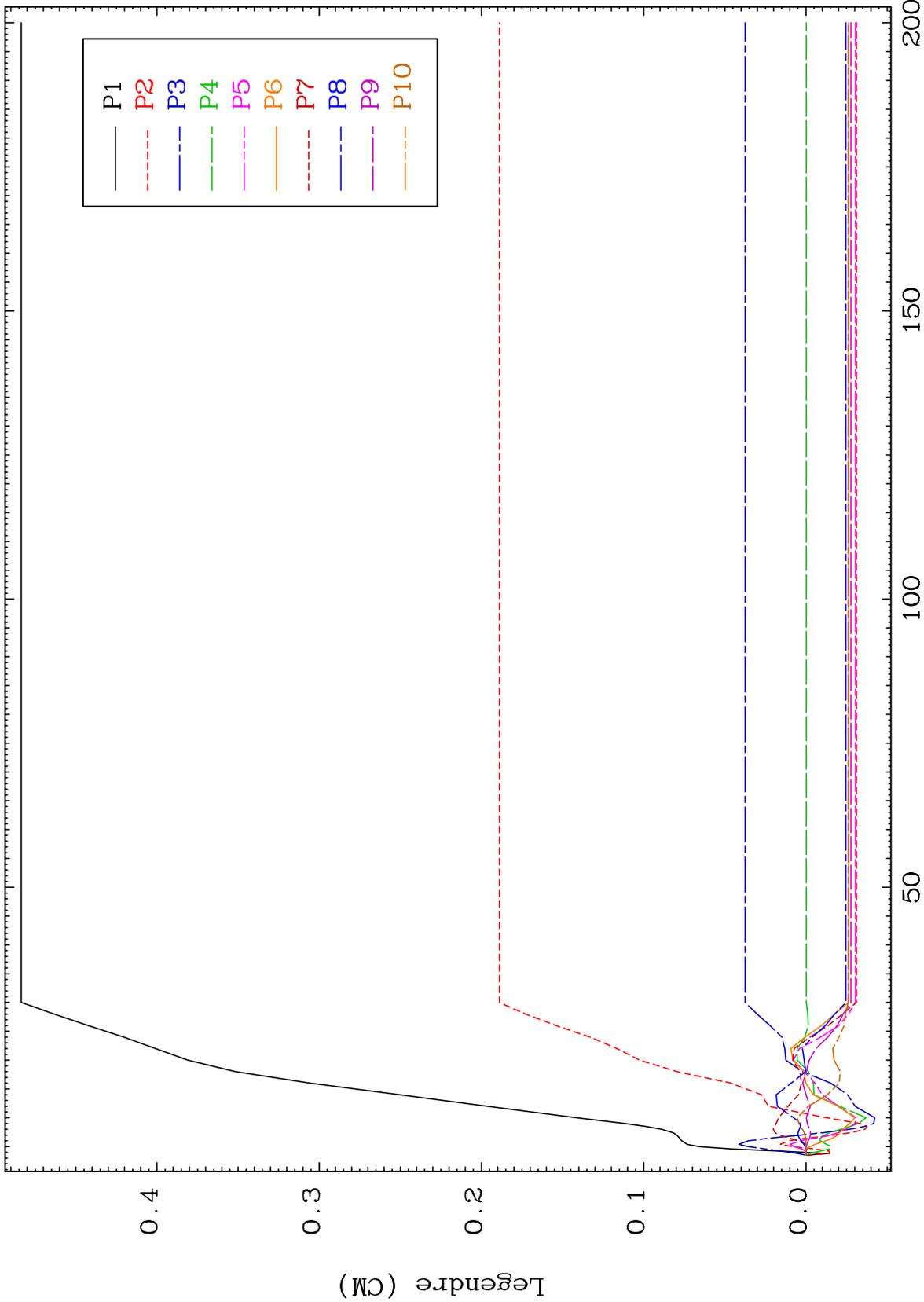
Incident Energy (MeV)

86-Rn-212

MAT 8628

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

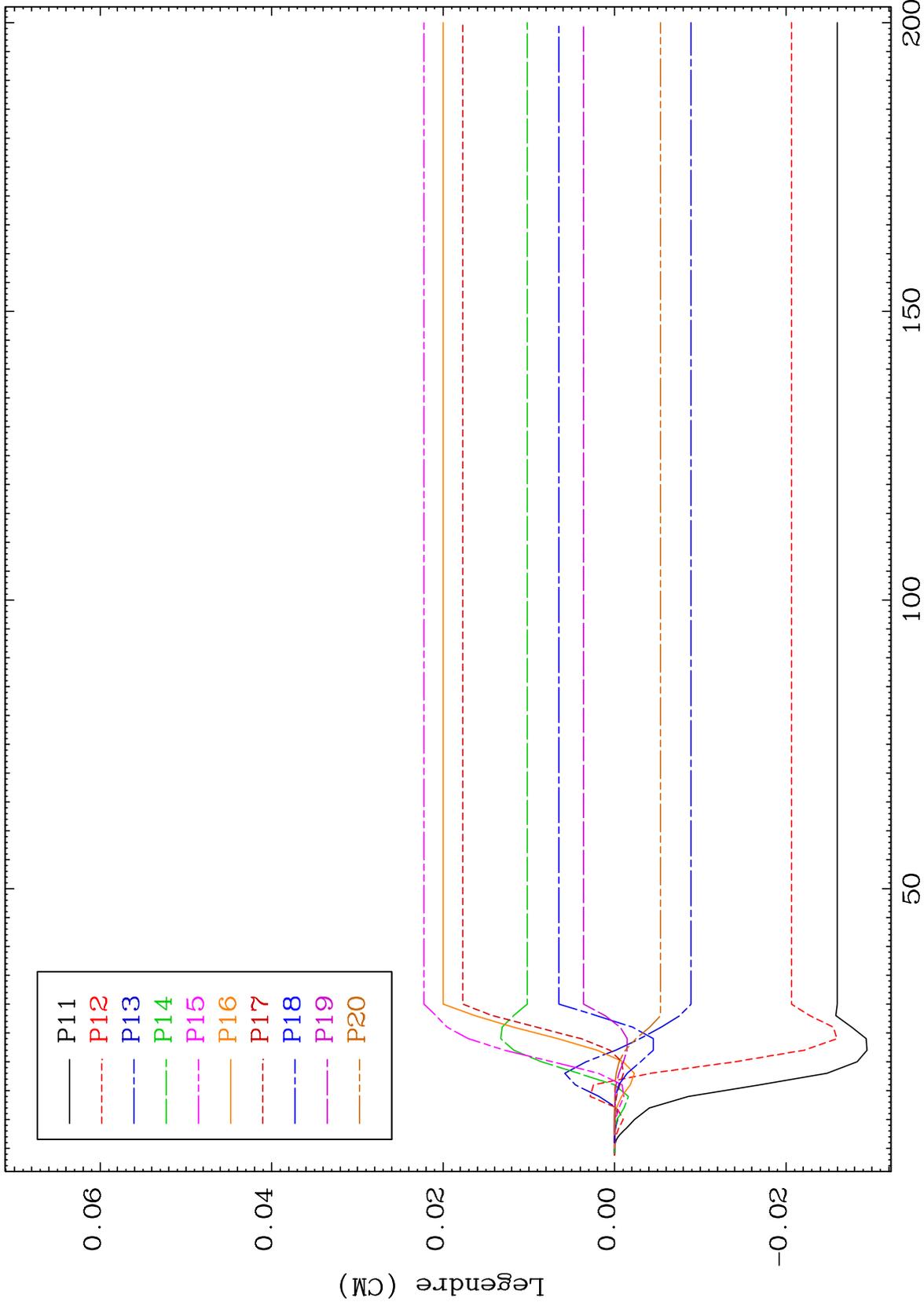
86-Rn-212



120

Incident Energy (MeV)

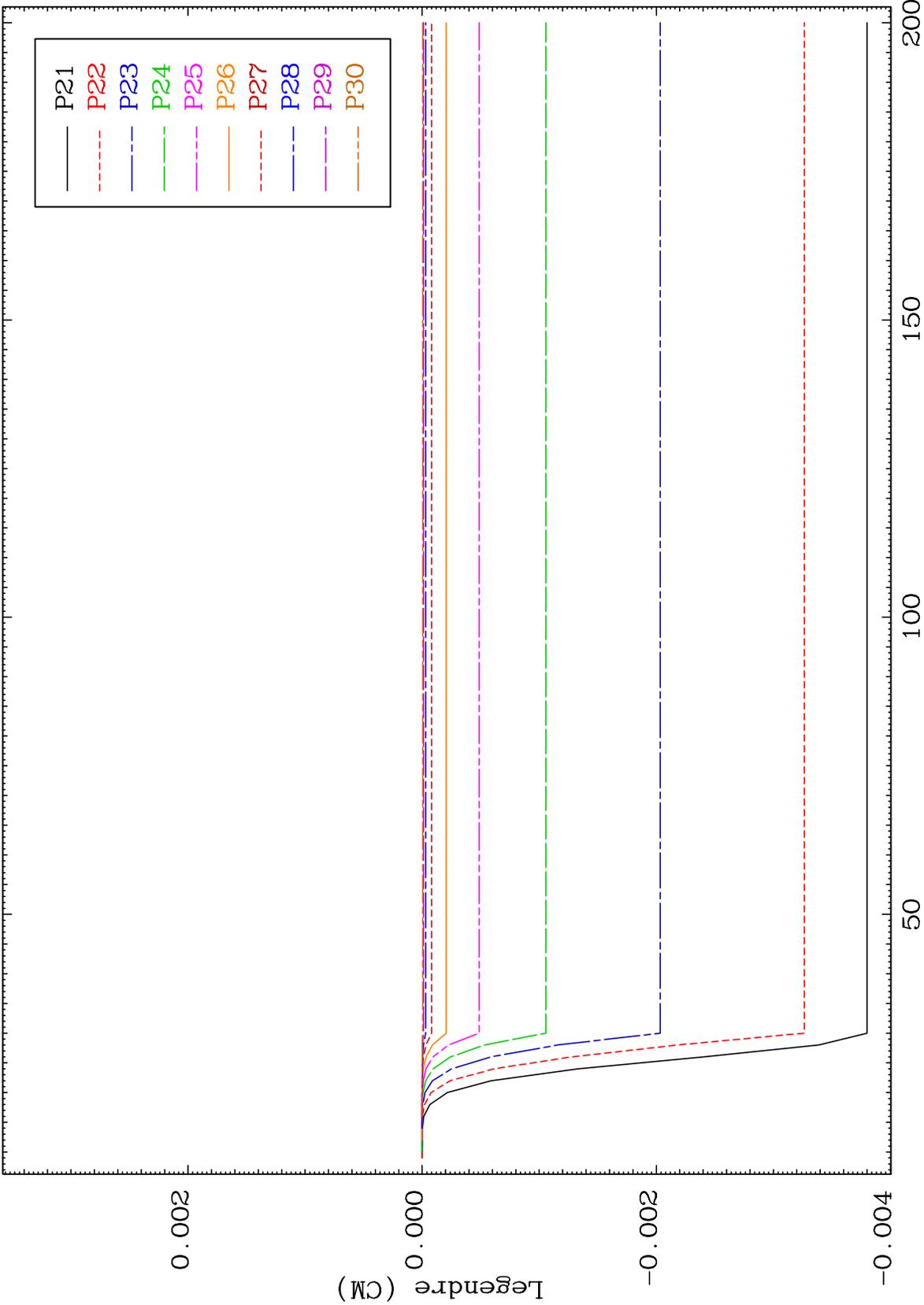
86-Rn-212



MAT 8628

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

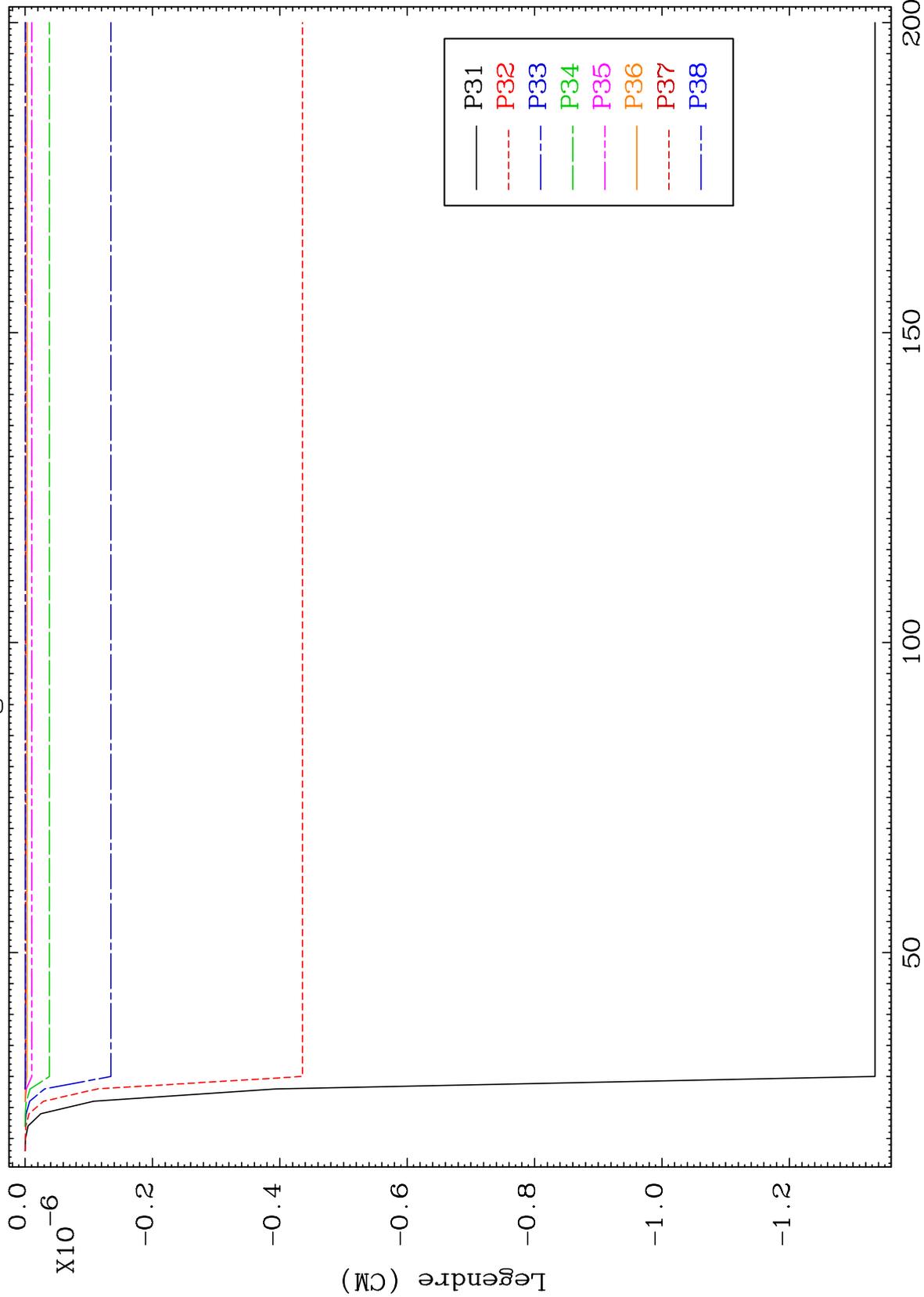
86-Rn-212



122

Incident Energy (MeV)

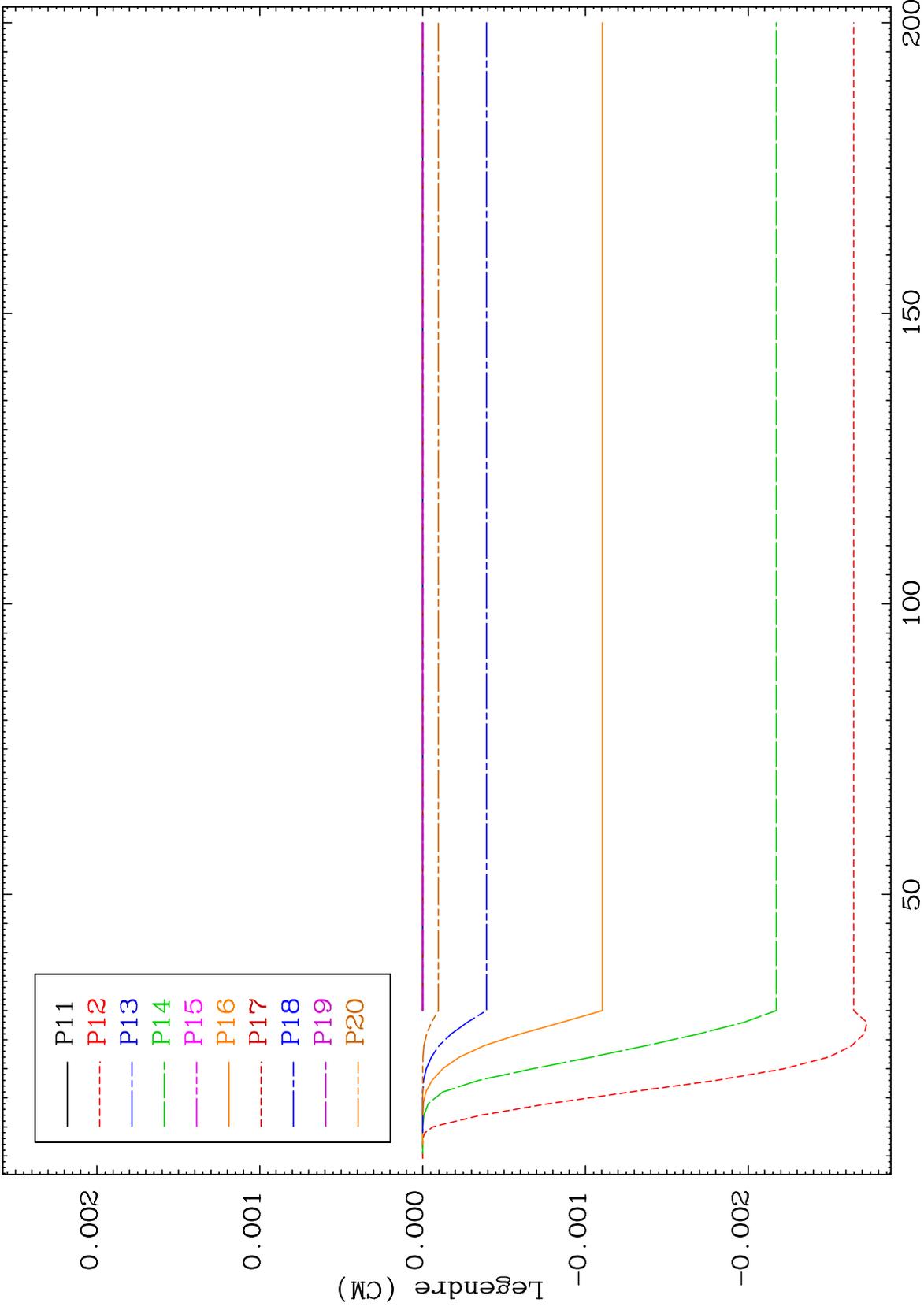
86-Rn-212



MAT 8628

MT= 79 (n,n') Level
Legendre Coefficients

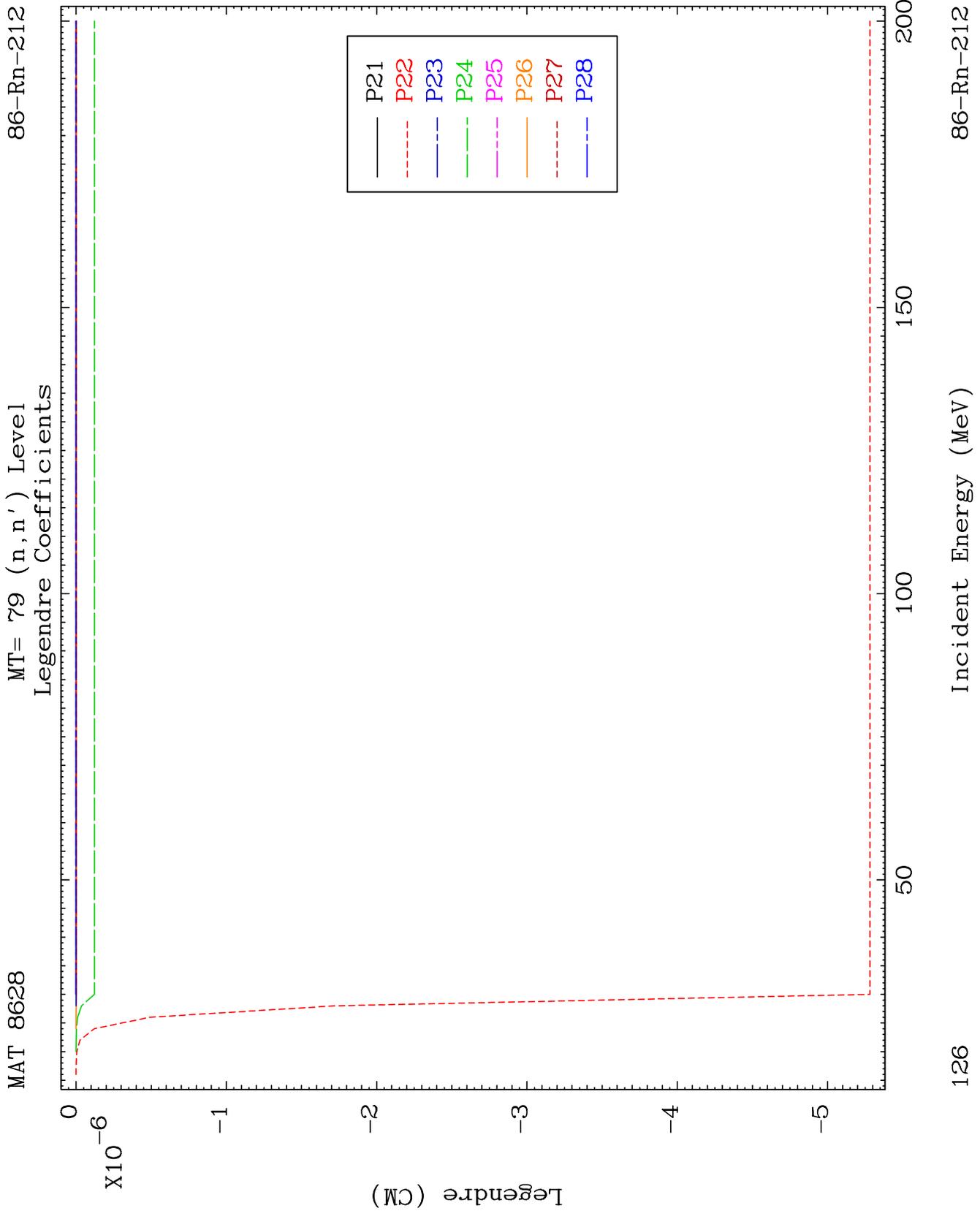
86-Rn-212



125

Incident Energy (MeV)

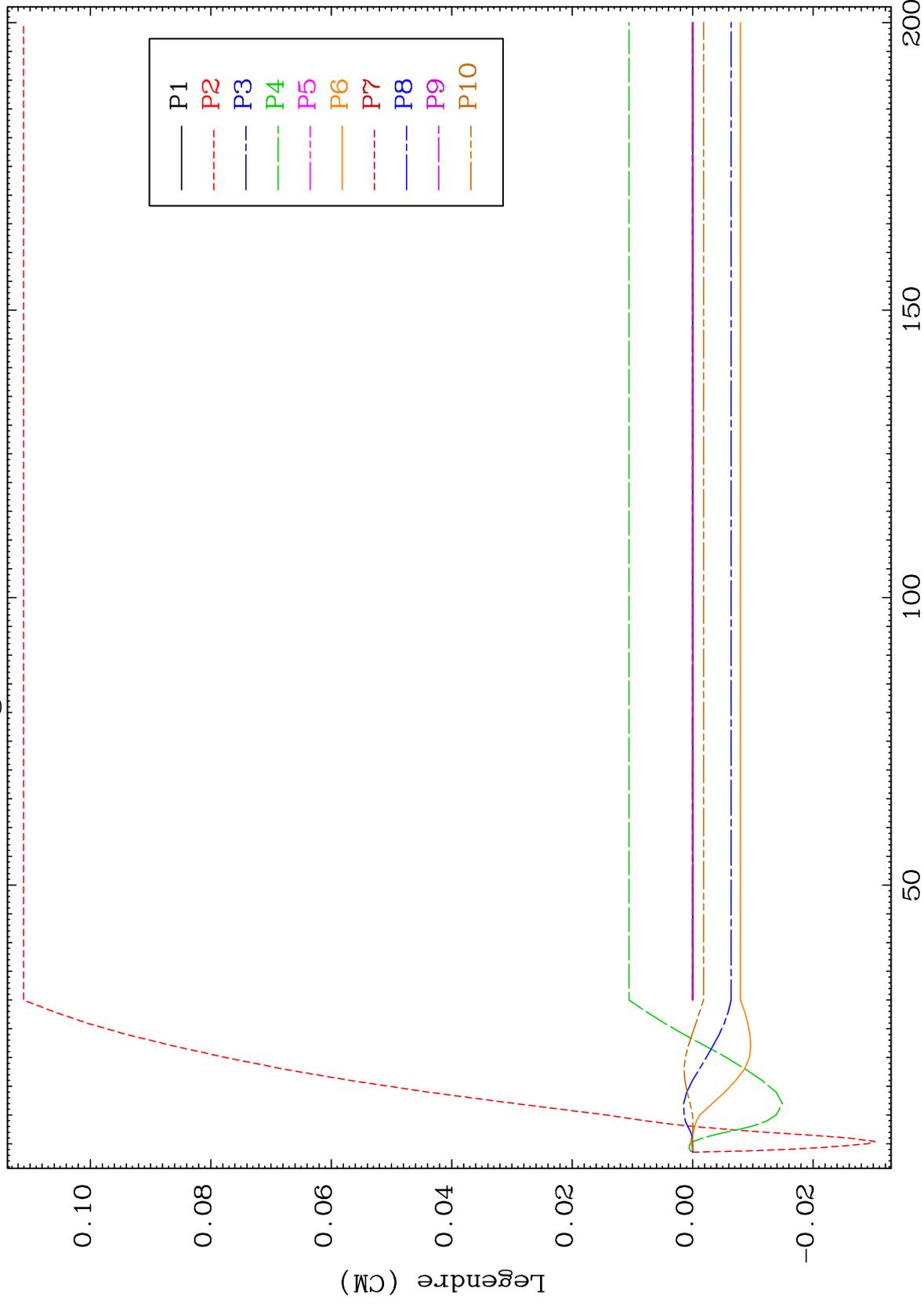
86-Rn-212



MAT 8628

MT= 80 (n,n') Level
Legendre Coefficients

86-Rn-212



127

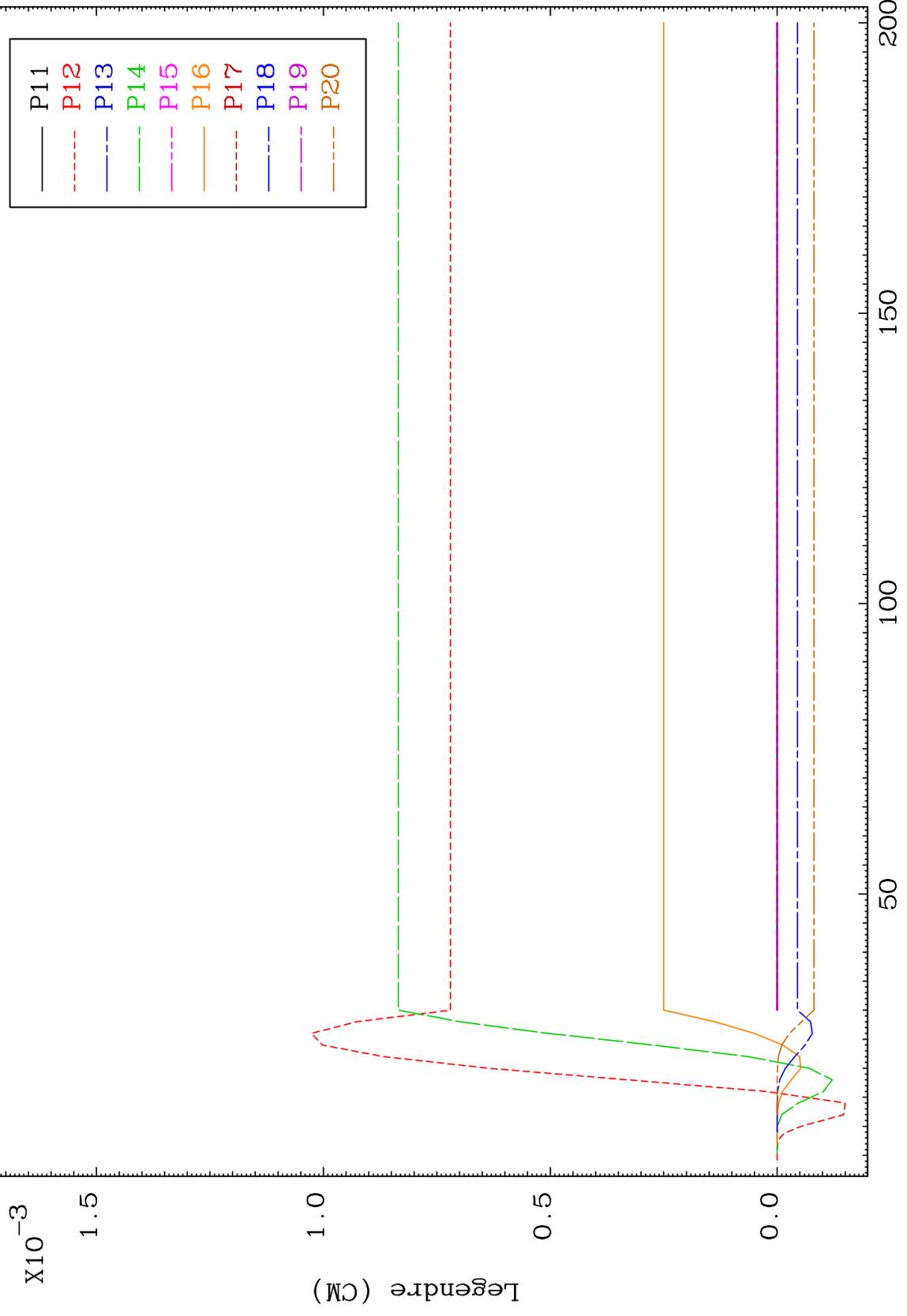
Incident Energy (MeV)

86-Rn-212

MAT 8628

MT= 80 (n,n') Level
Legendre Coefficients

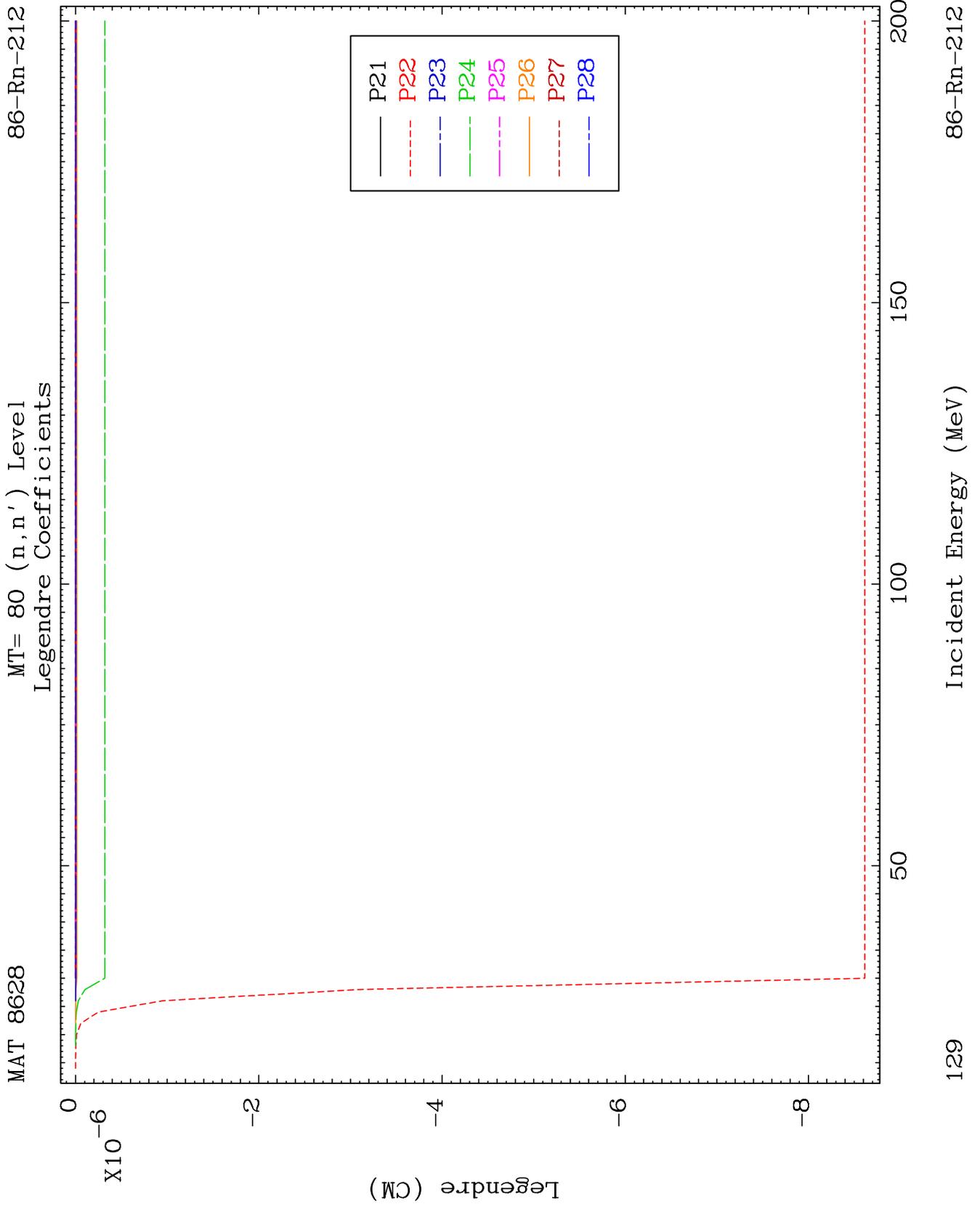
86-Rn-212



128

Incident Energy (MeV)

86-Rn-212

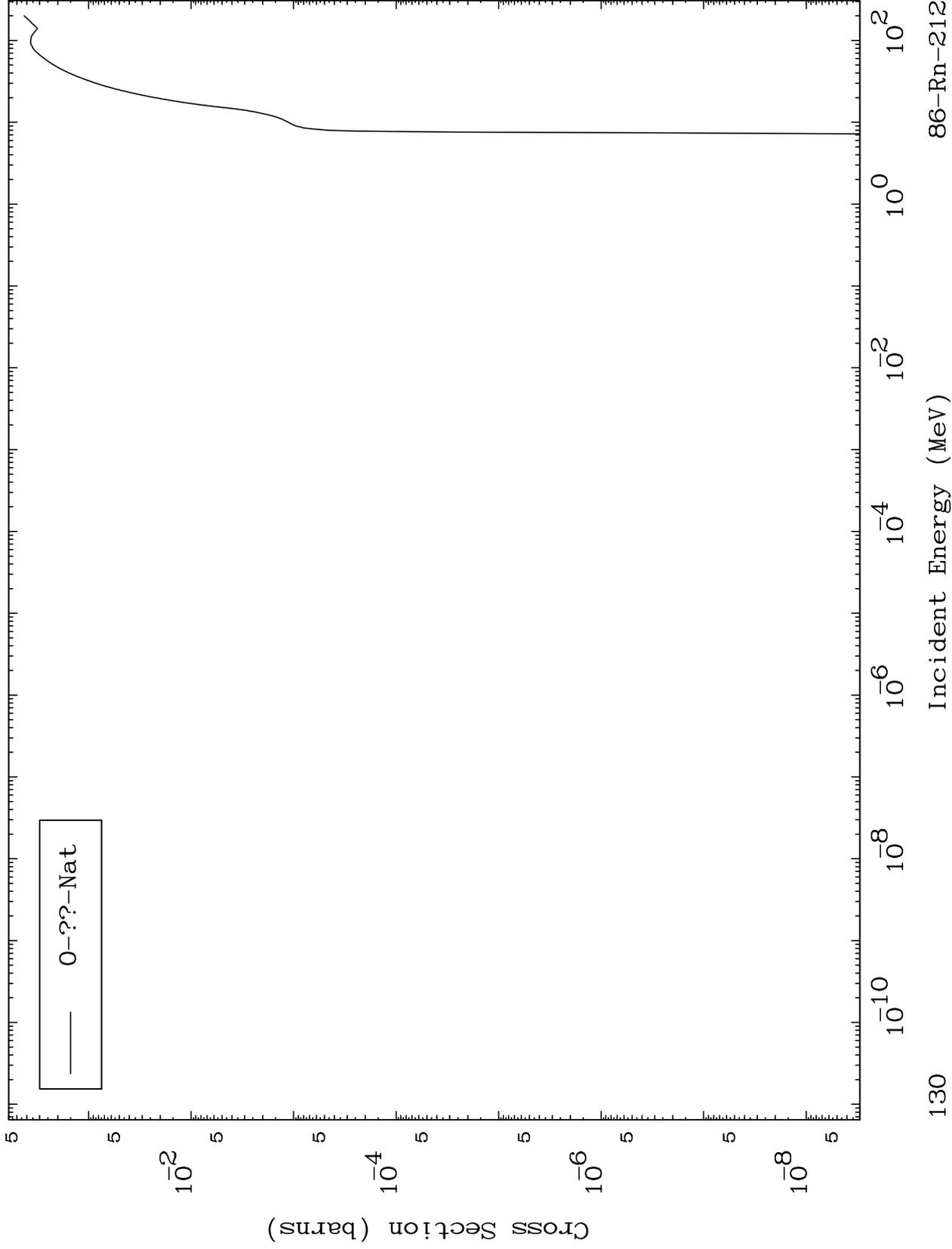


MAT 8628

Fission

86-Rn-212

Radionuclide Production Cross Section

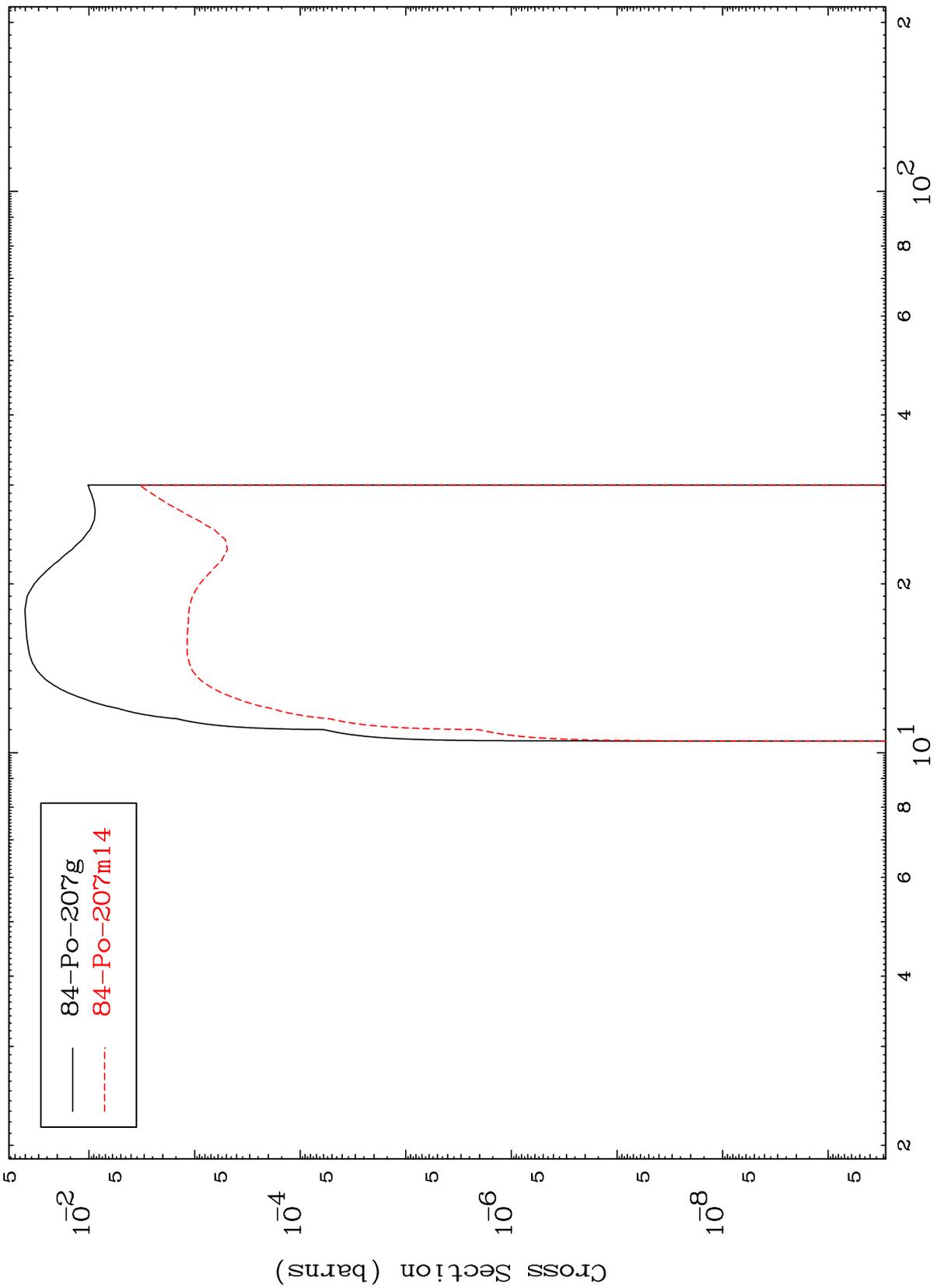


MAT 8628

$(n,2n) \alpha$

86-Rn-212

Radionuclide Production Cross Section



131

Incident Energy (MeV)

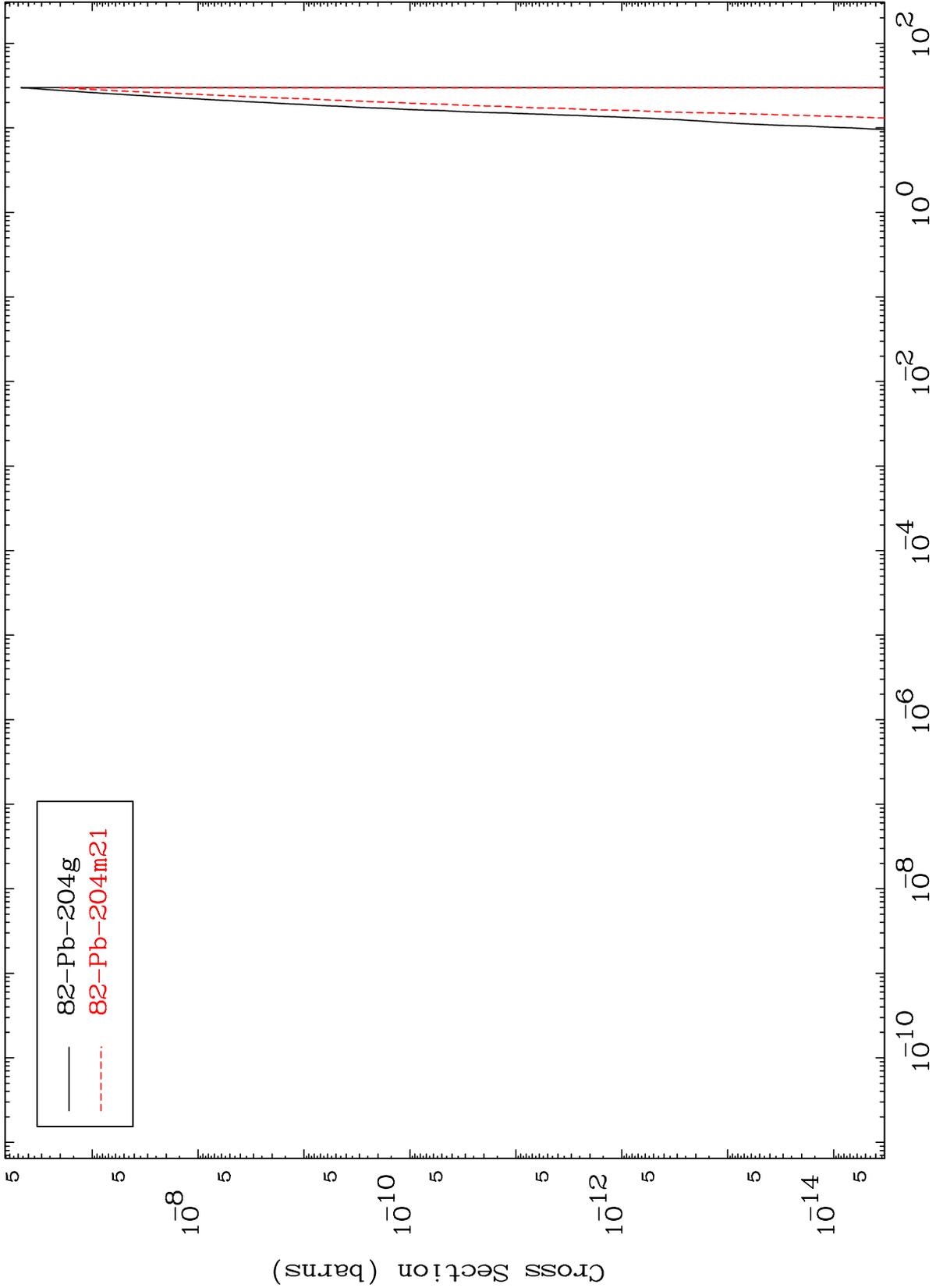
86-Rn-212

MAT 8628

(n,n') 2α

86-Rn-212

Radionuclide Production Cross Section



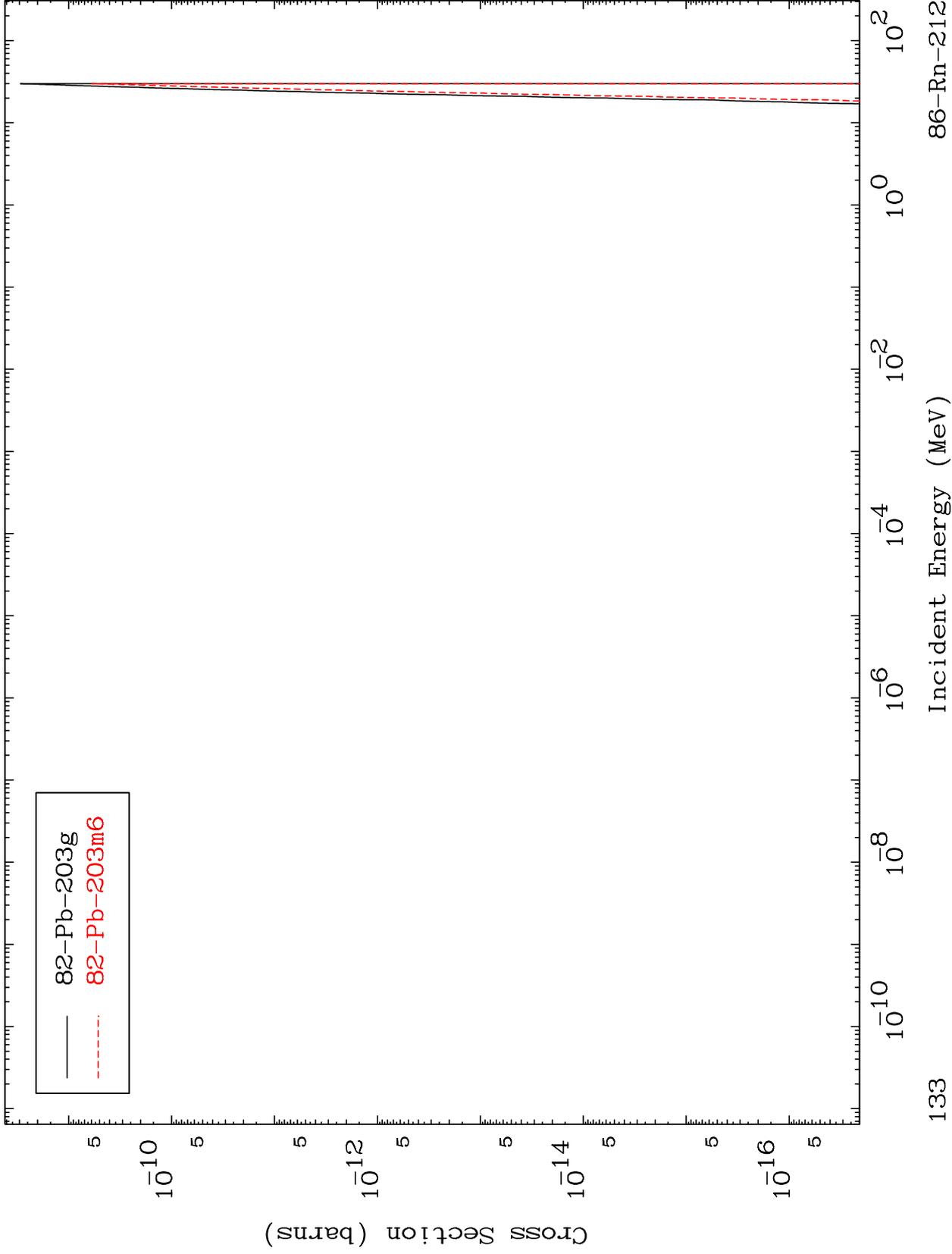
82-Pb-204g
82-Pb-204m21

MAT 8628

$(n,2n) 2\alpha$

86-Rn-212

Radionuclide Production Cross Section

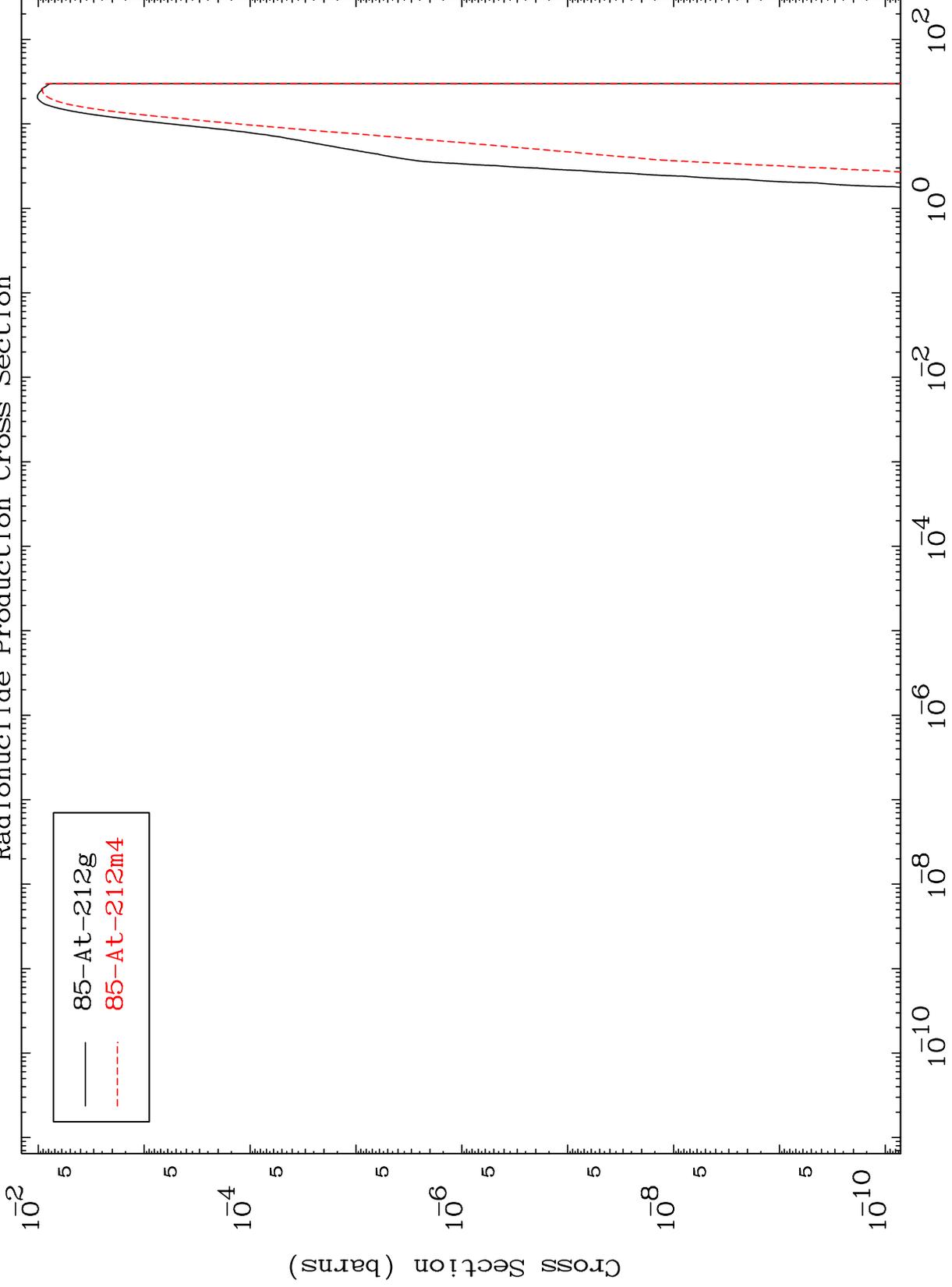


MAT 8628

(n,p)

86-Rn-212

Radionuclide Production Cross Section

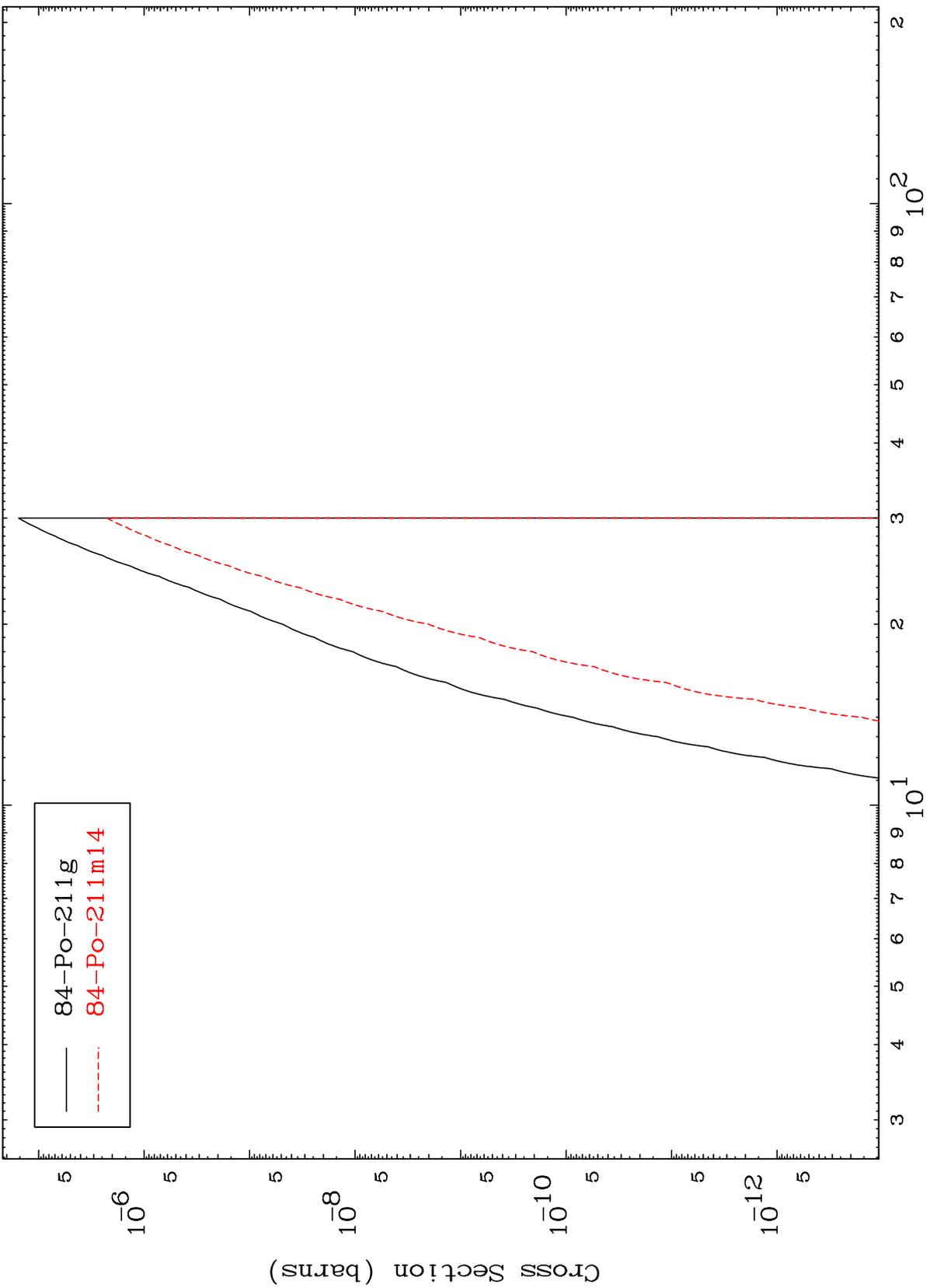


85-At-212g
85-At-212m4

MAT 8628

86-Rn-212

(n,2p)
Radionuclide Production Cross Section



— 84-Po-211g
- - - 84-Po-211m14

135

86-Rn-212

Incident Energy (MeV)