

Program EVALPLOT
(Version 2017-1)

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

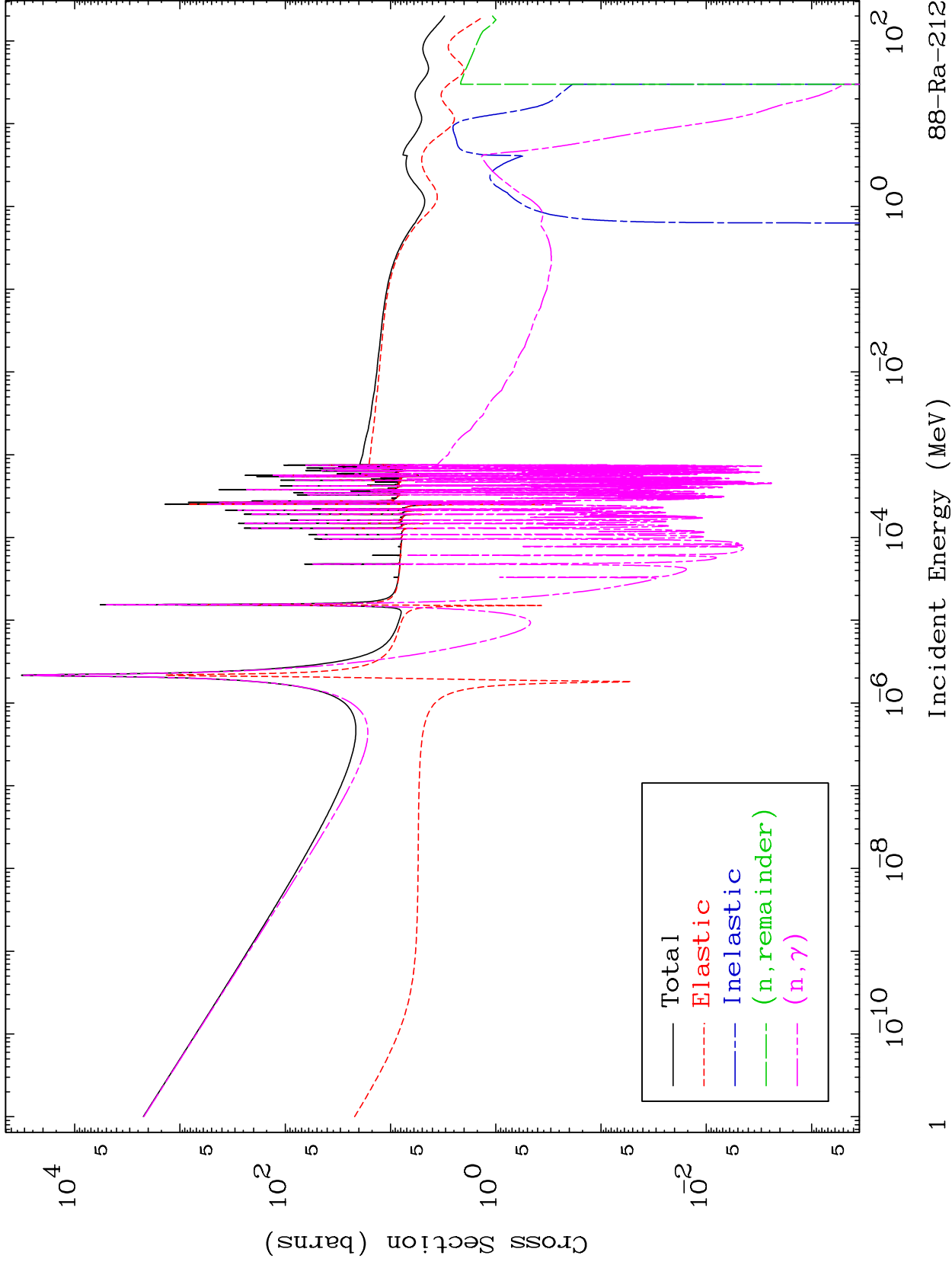
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8792

Major
293 Kelvin Cross Sections

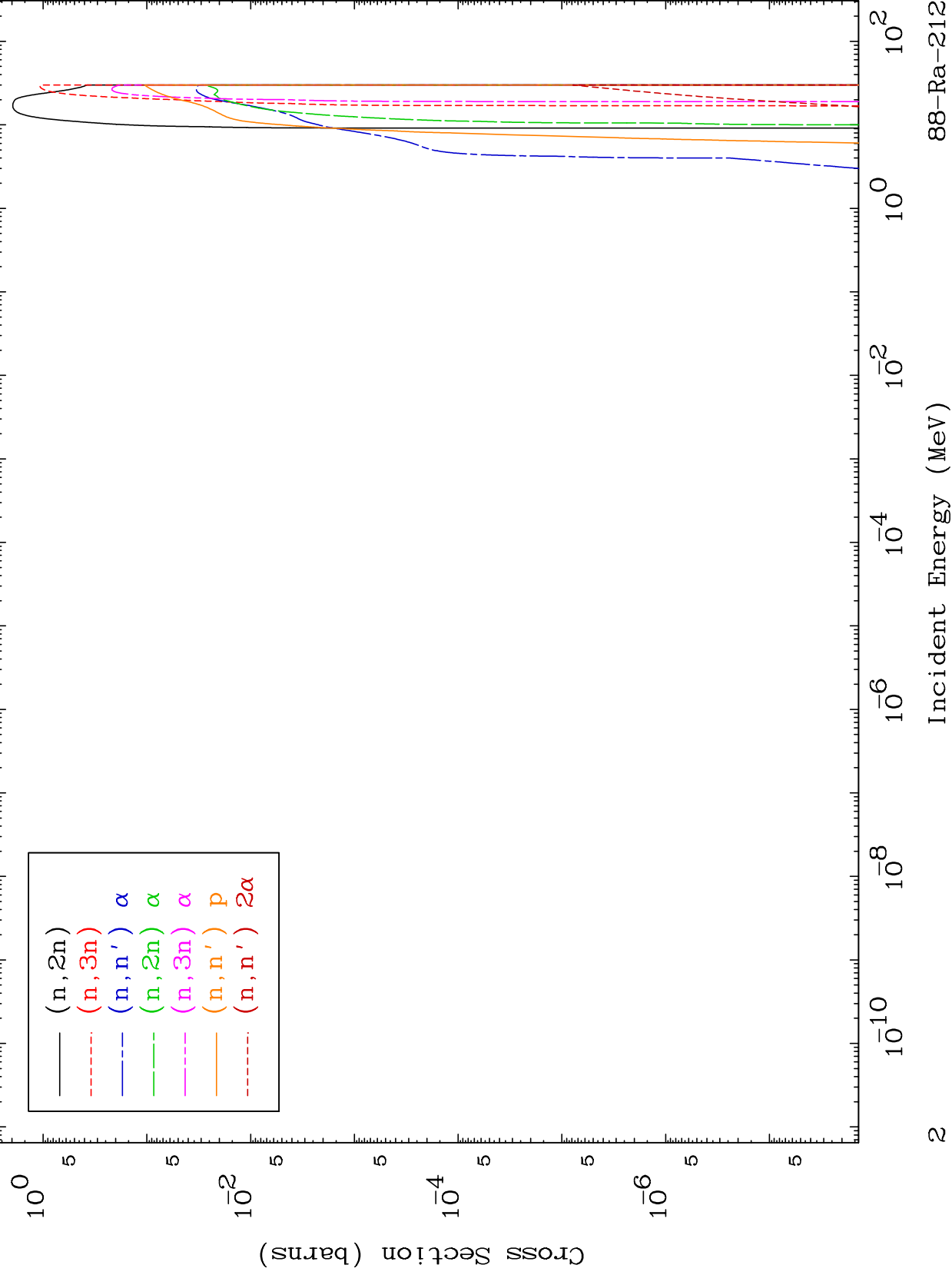
88-Ra-212



MAT 8792

Neutron Production
293 Kelvin Cross Sections

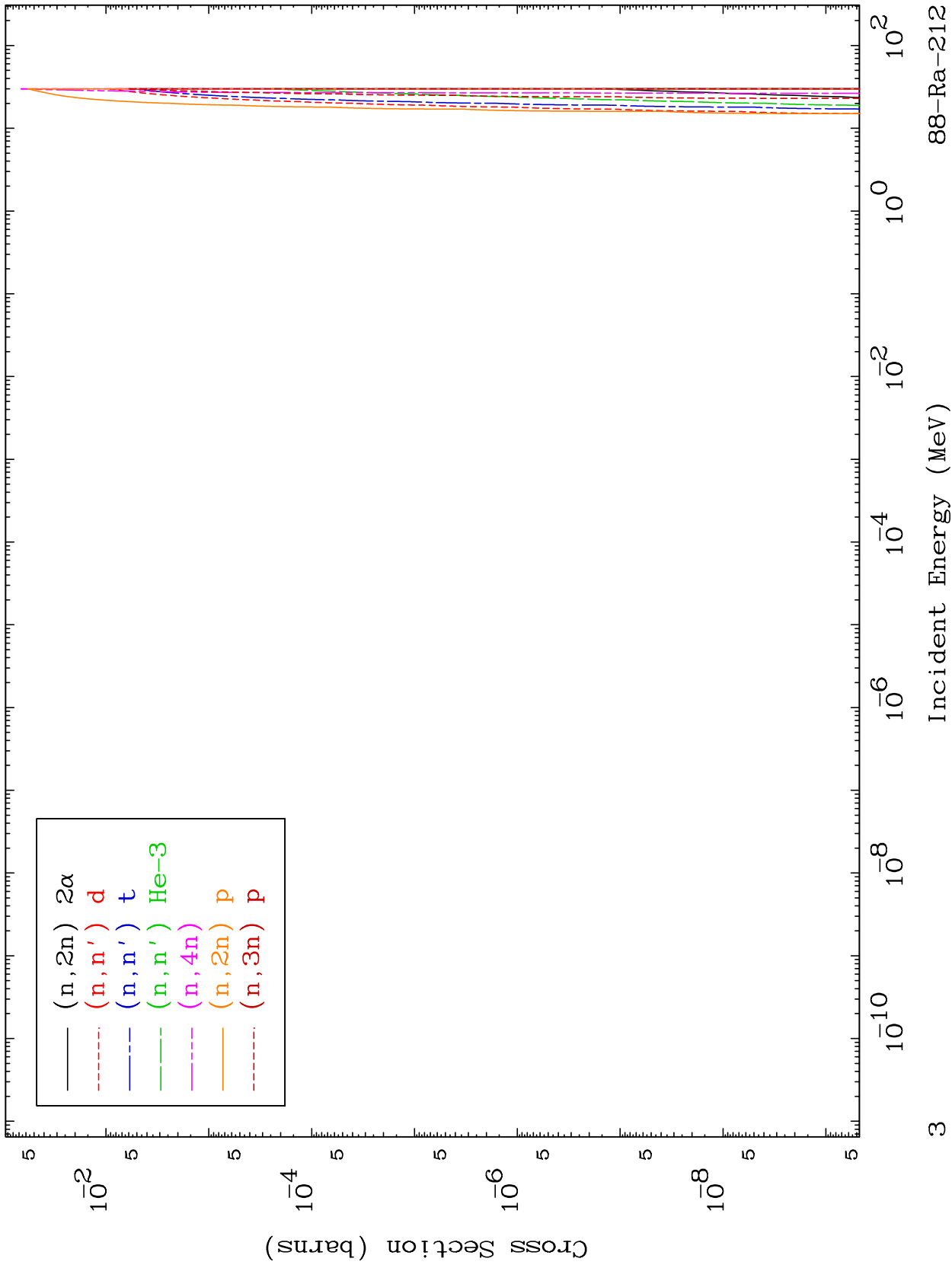
88-Ra-212



MAT 8792

Neutron Production
293 Kelvin Cross Sections

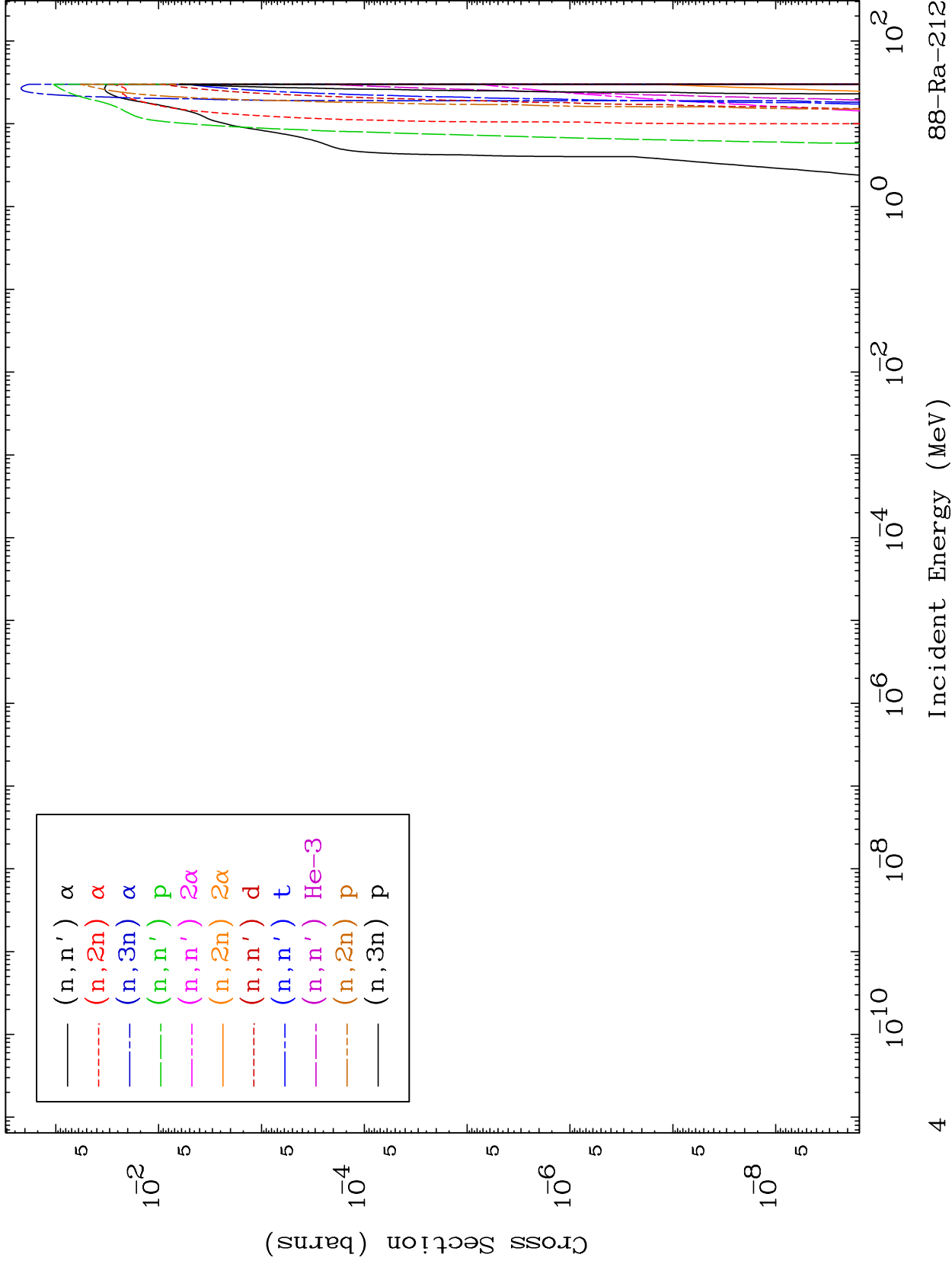
88-Ra-212



MAT 8792

Charged Particle
293 Kelvin Cross Sections

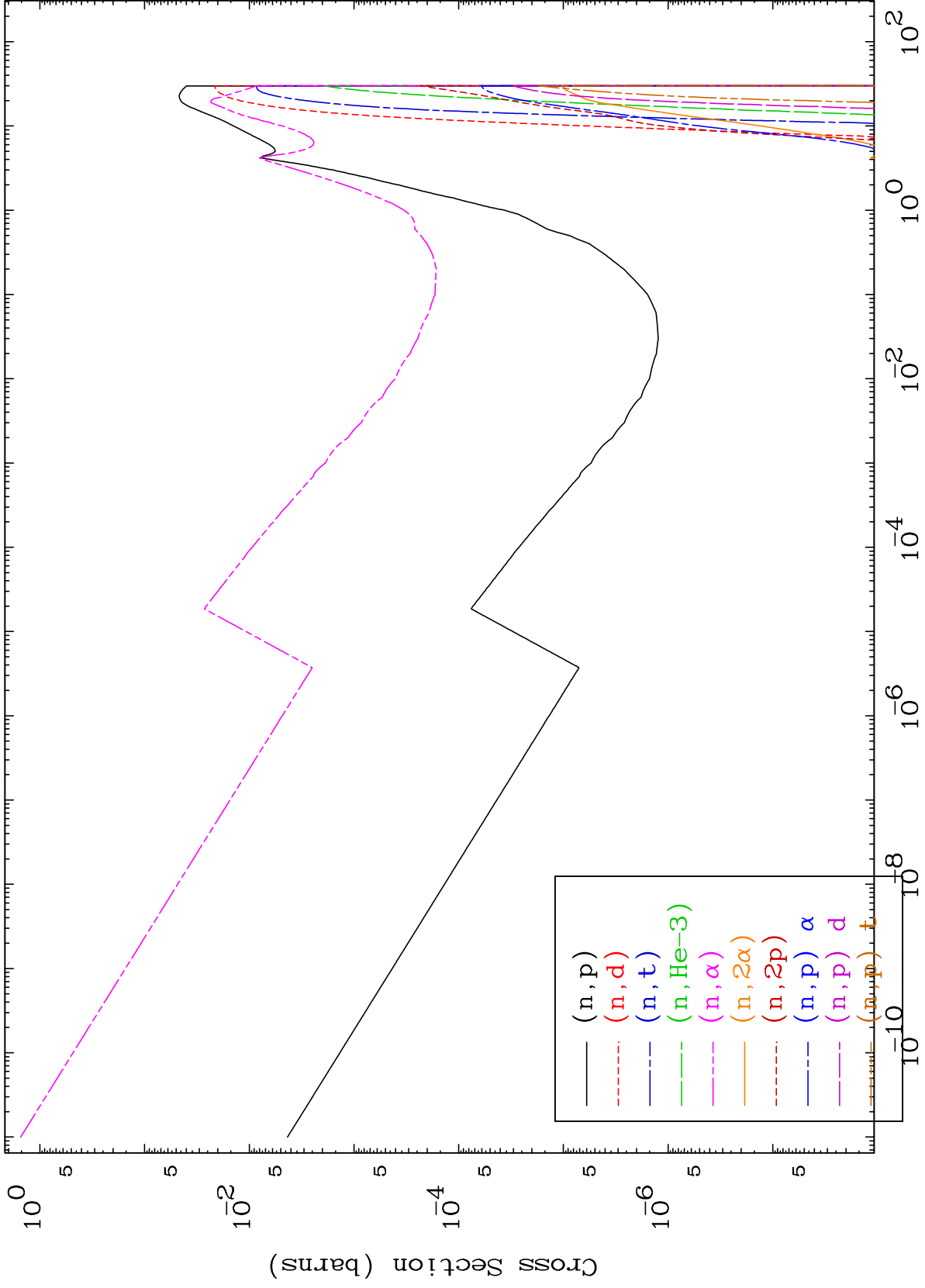
88-Ra-212



MAT 8792

Charged Particle
293 Kelvin Cross Sections

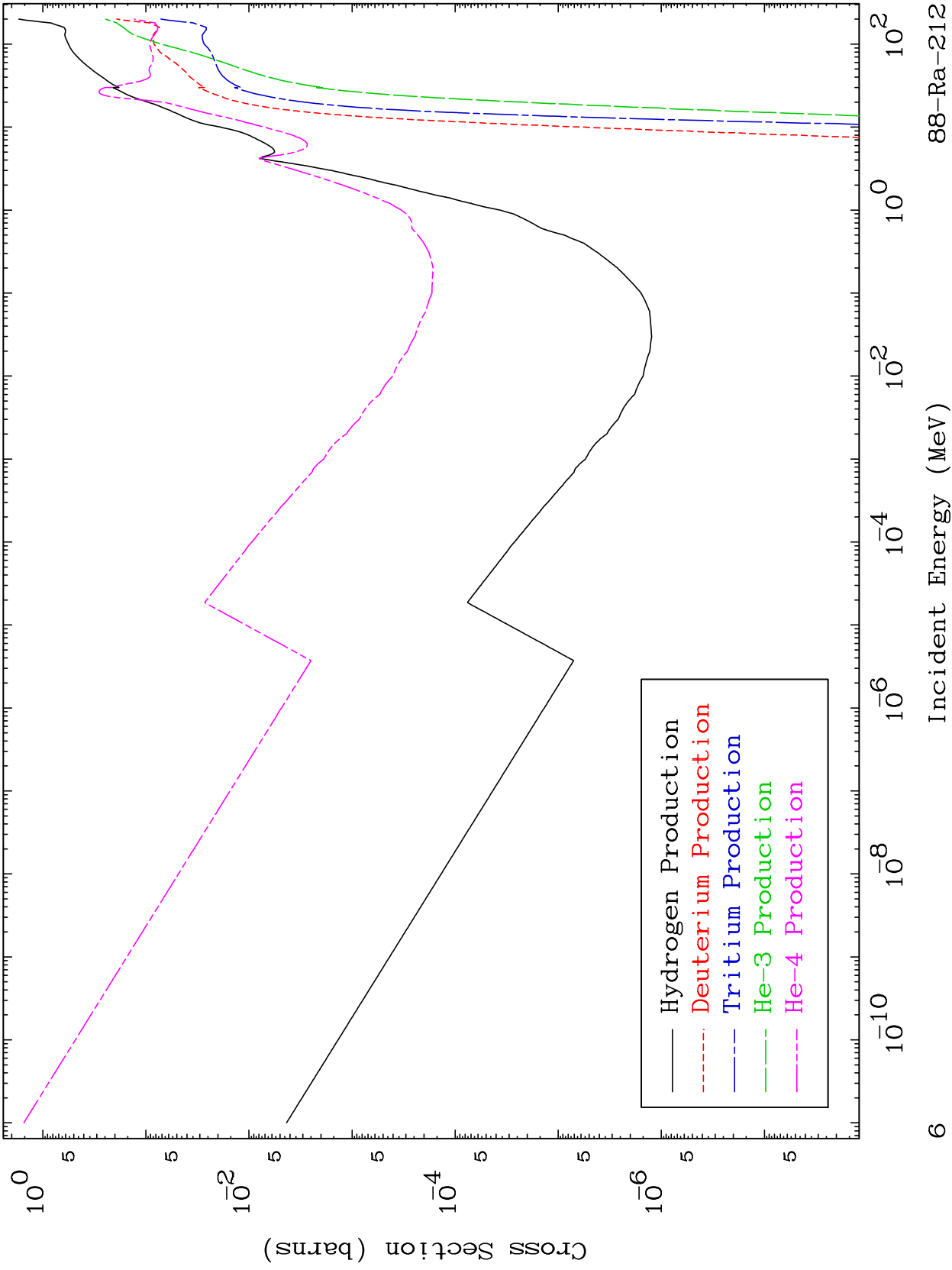
88-Ra-212



MAT 8792

Particle Production
293 Kelvin Cross Sections

88-Ra-212

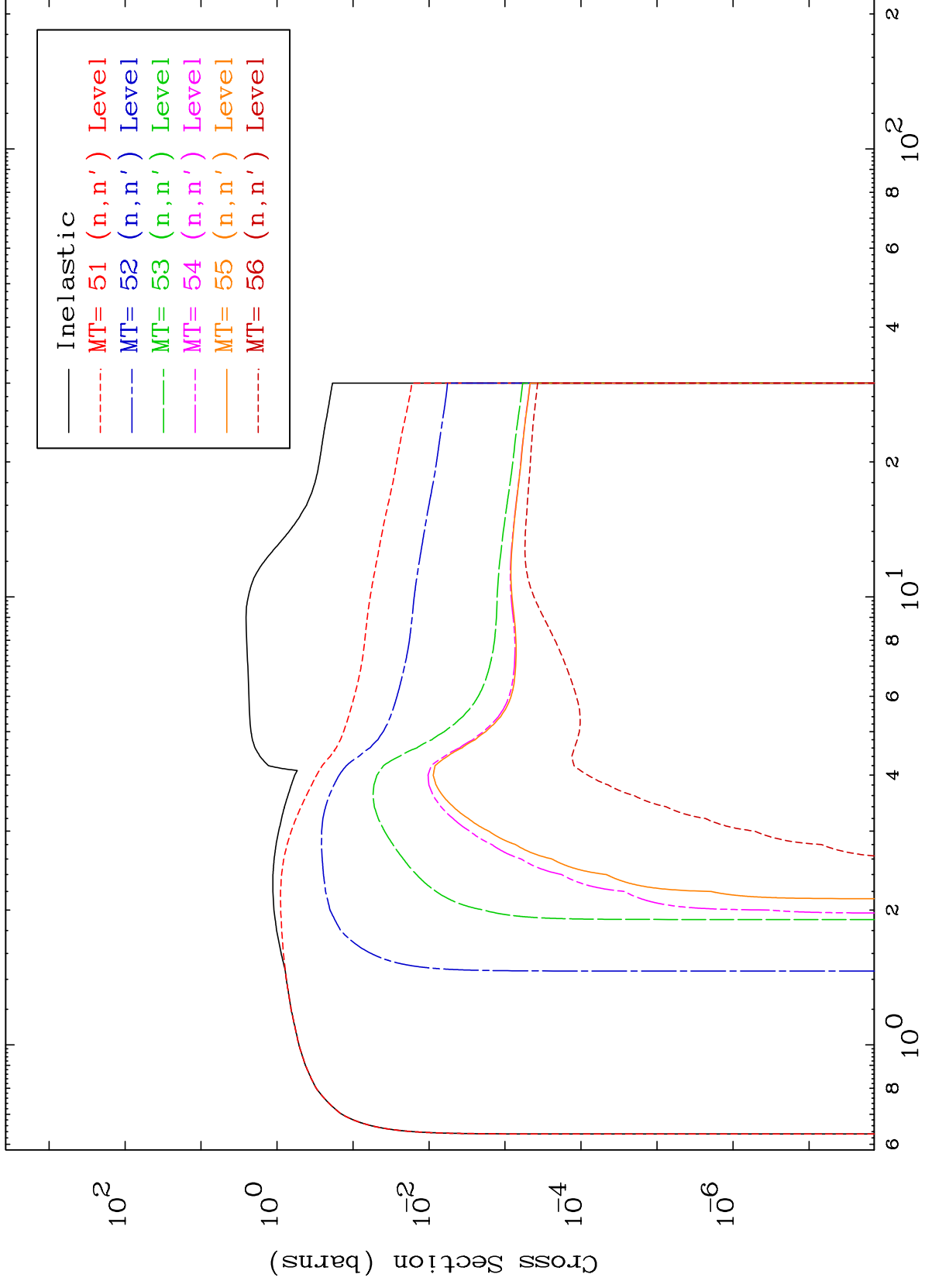


MAT 8792

(n,n') Level

88-Ra-212

293 Kelvin Cross Sections

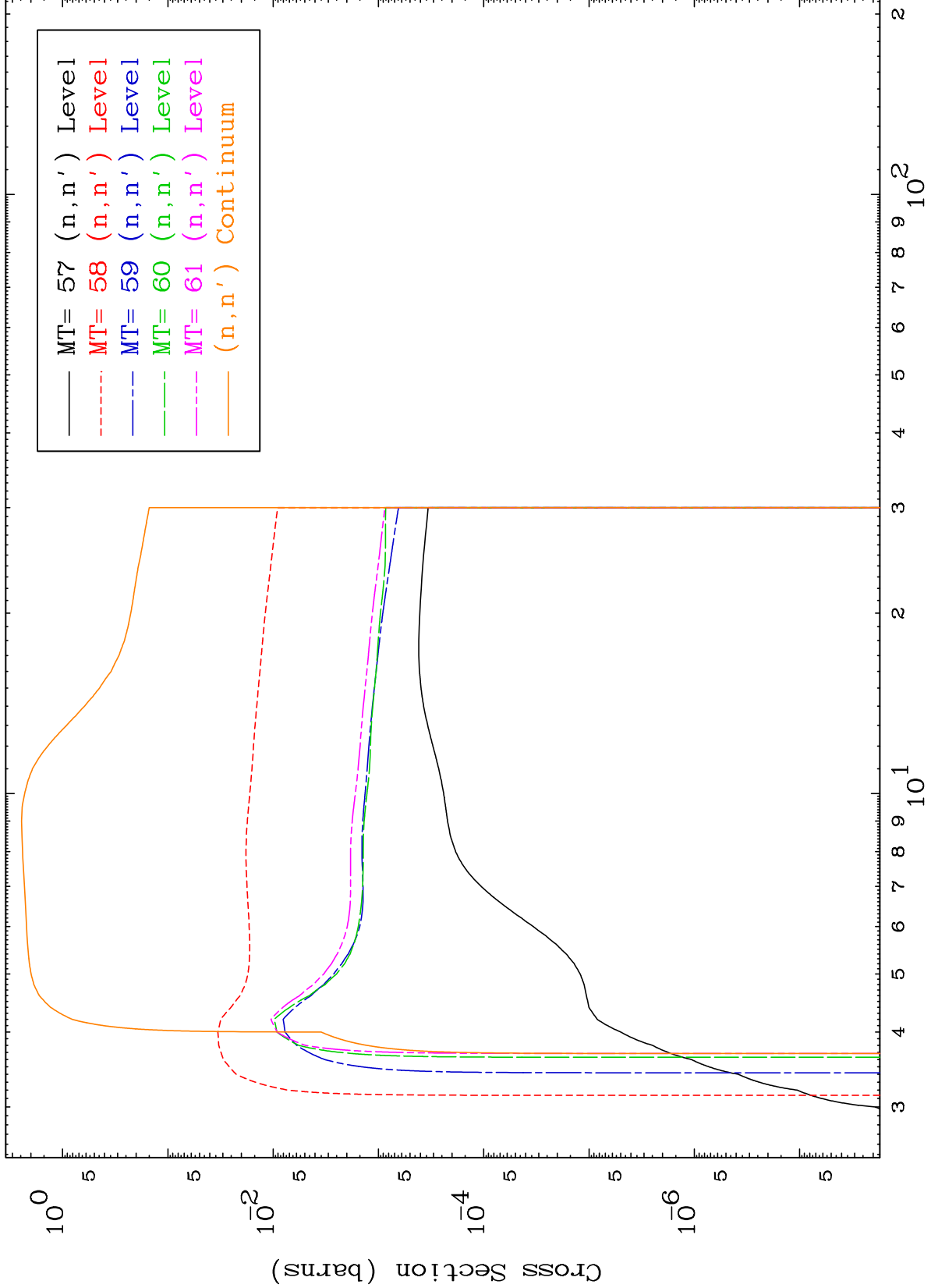


7

Incident Energy (MeV)

88-Ra-212

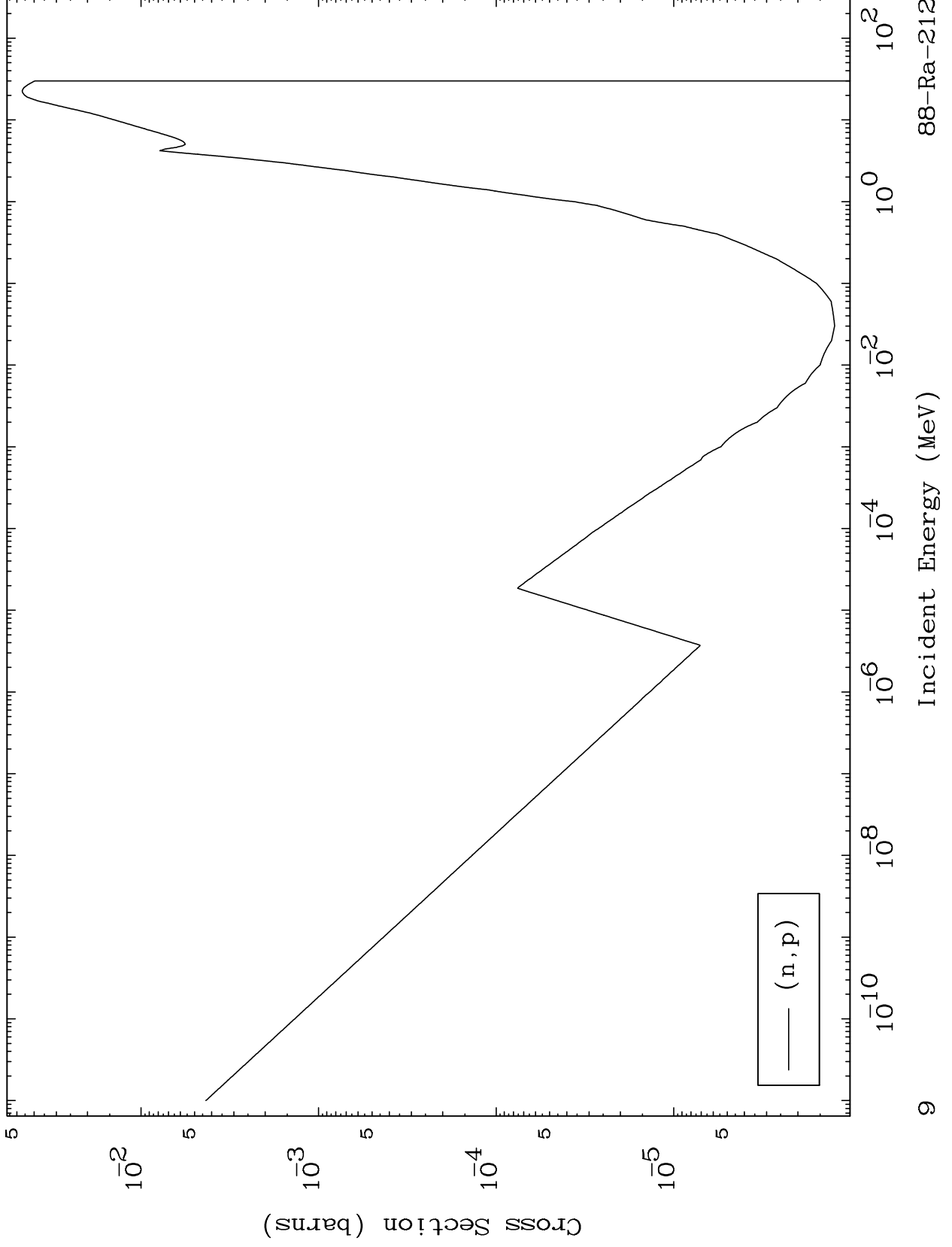
293 Kelvin Cross Sections



MAT 8792

(n,p) Levels
293 Kelvin Cross Sections

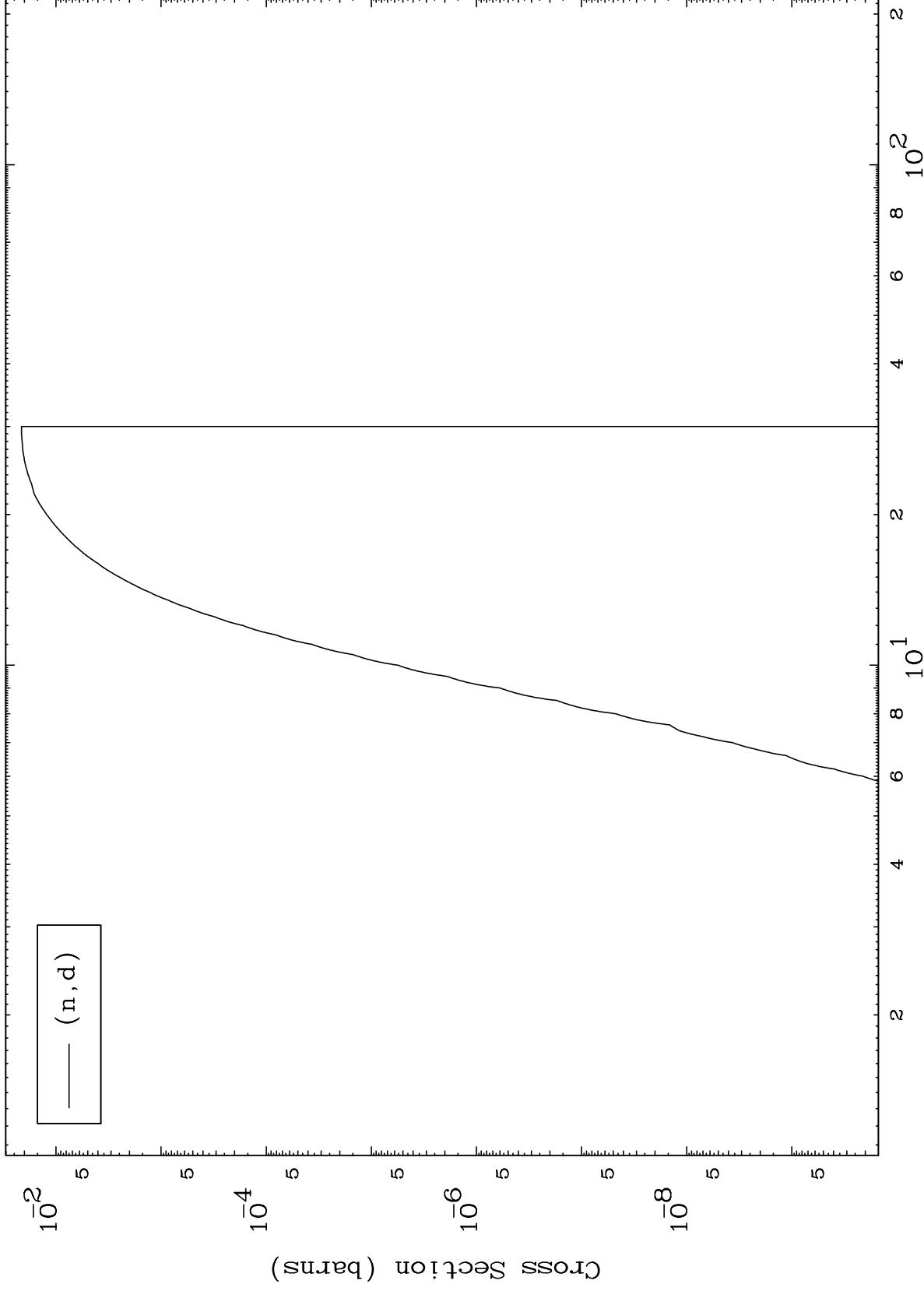
88-Ra-212



MAT 8792

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-212



10

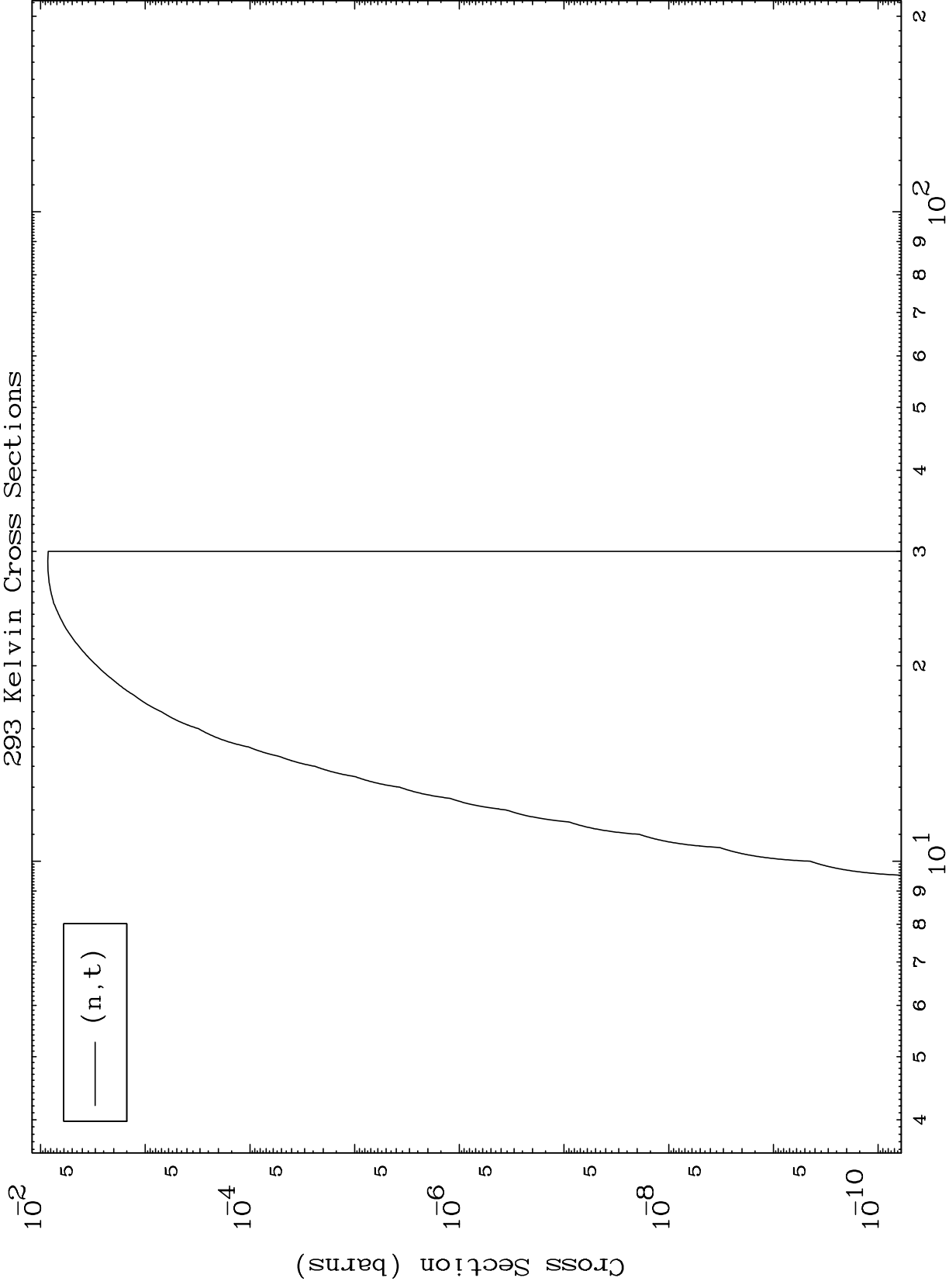
Incident Energy (MeV)

88-Ra-212

MAT 8792

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-212



11

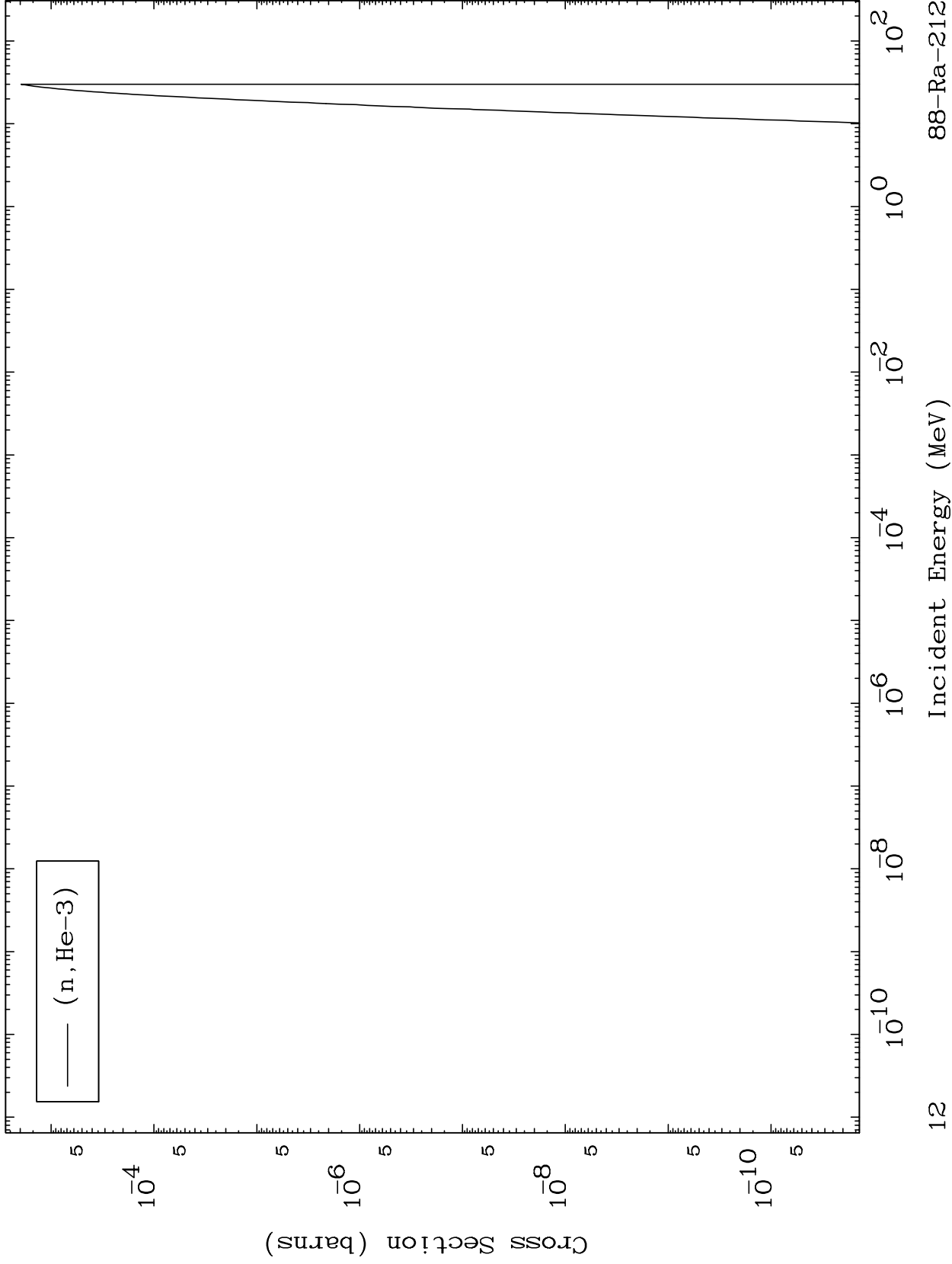
Incident Energy (MeV)

88-Ra-212

MAT 8792

(n,He3) Levels
293 Kelvin Cross Sections

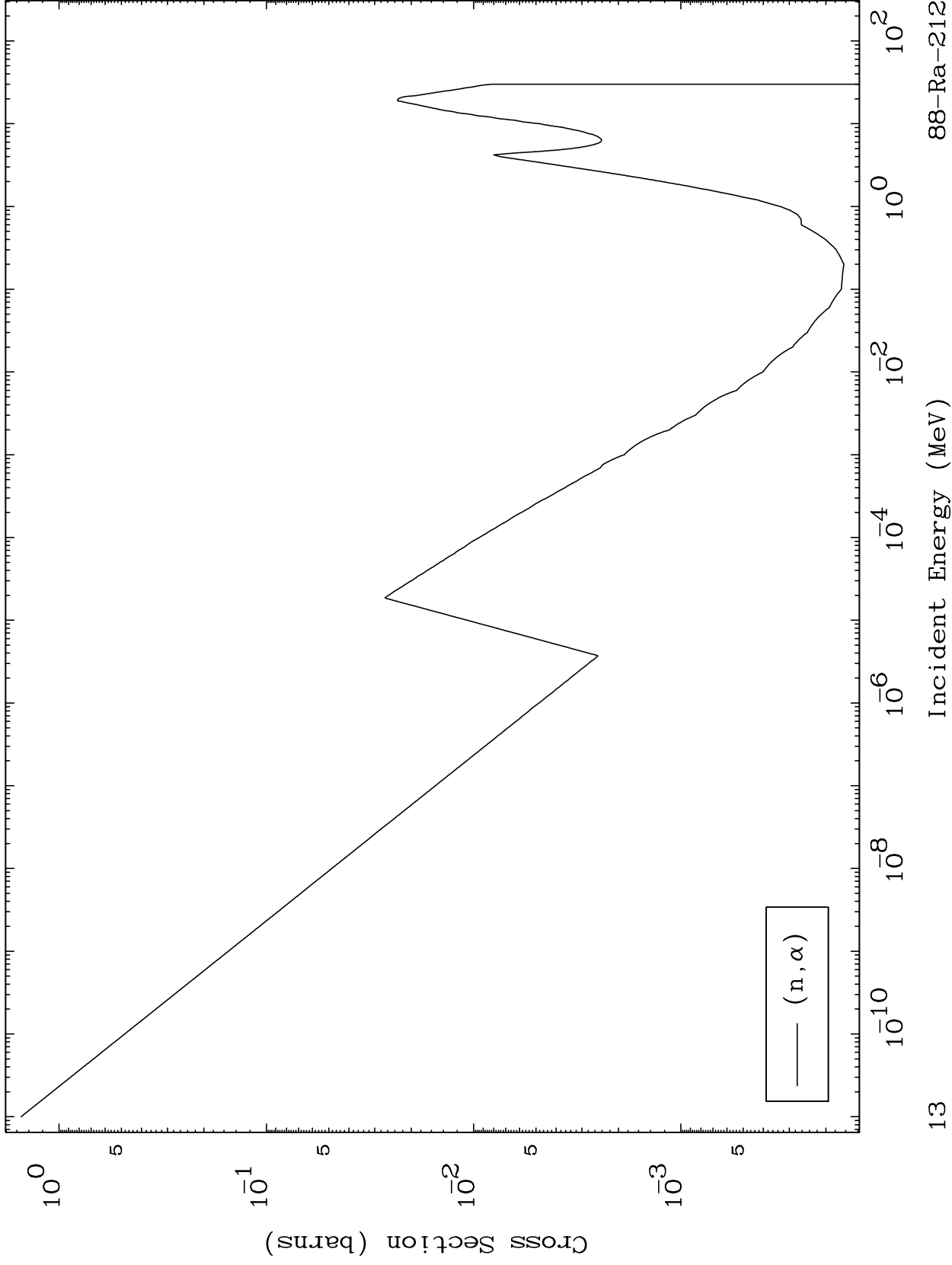
88-Ra-212



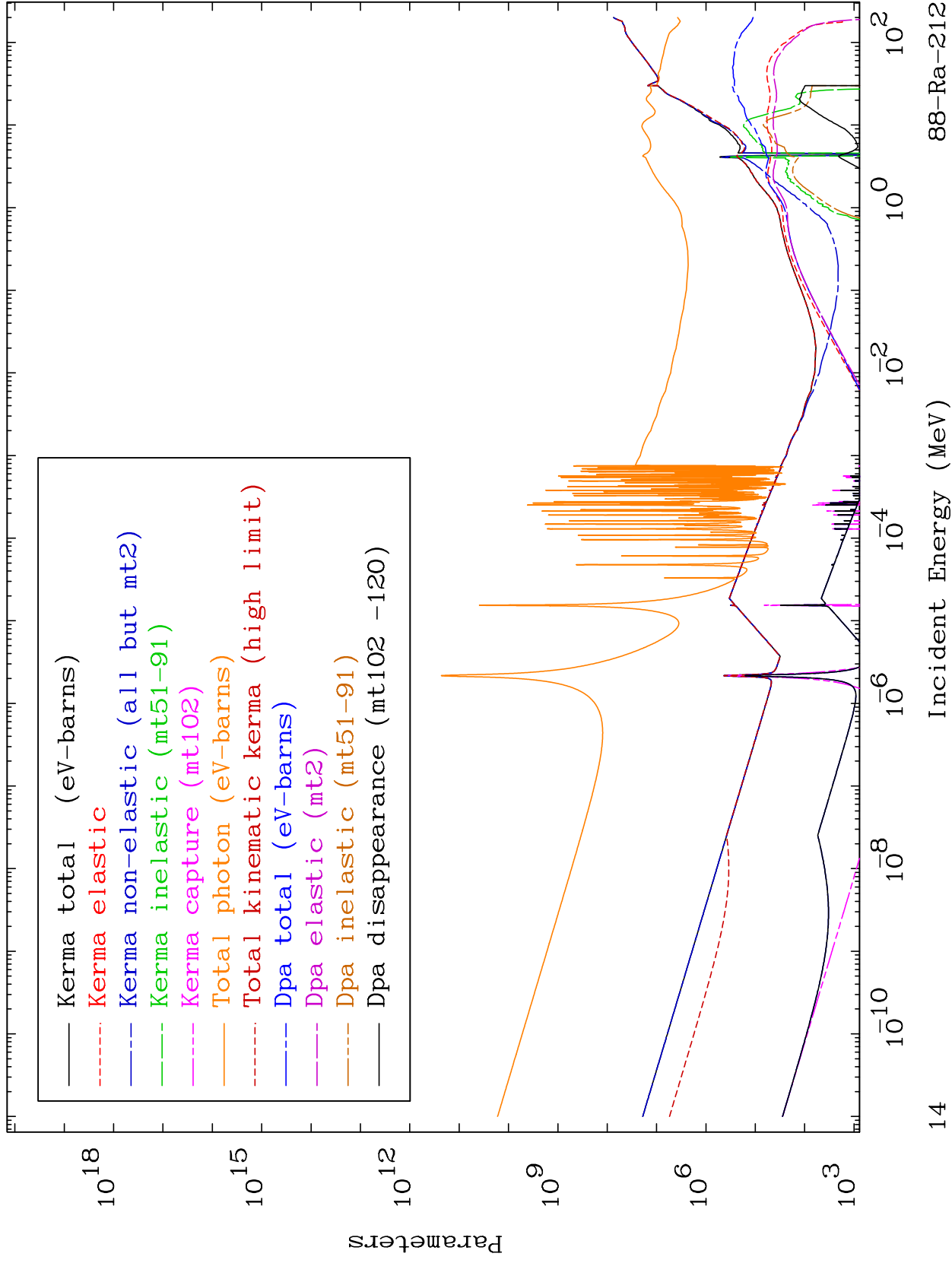
MAT 8792

(n,α) Levels
293 Kelvin Cross Sections

88-Ra-212



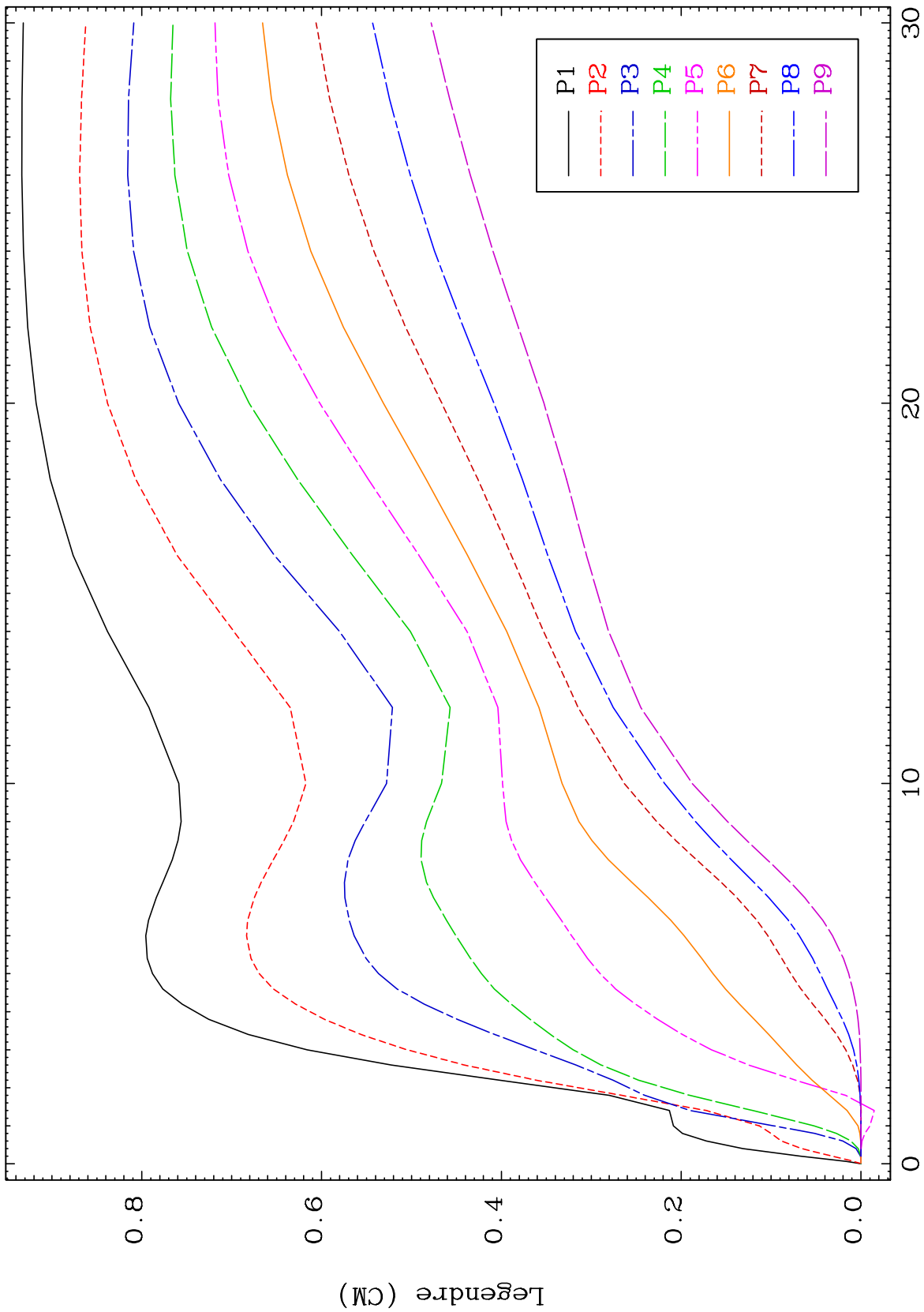
13



MAT 8792

88-Ra-212

Elastic Legendre Coefficients



88-Ra-212

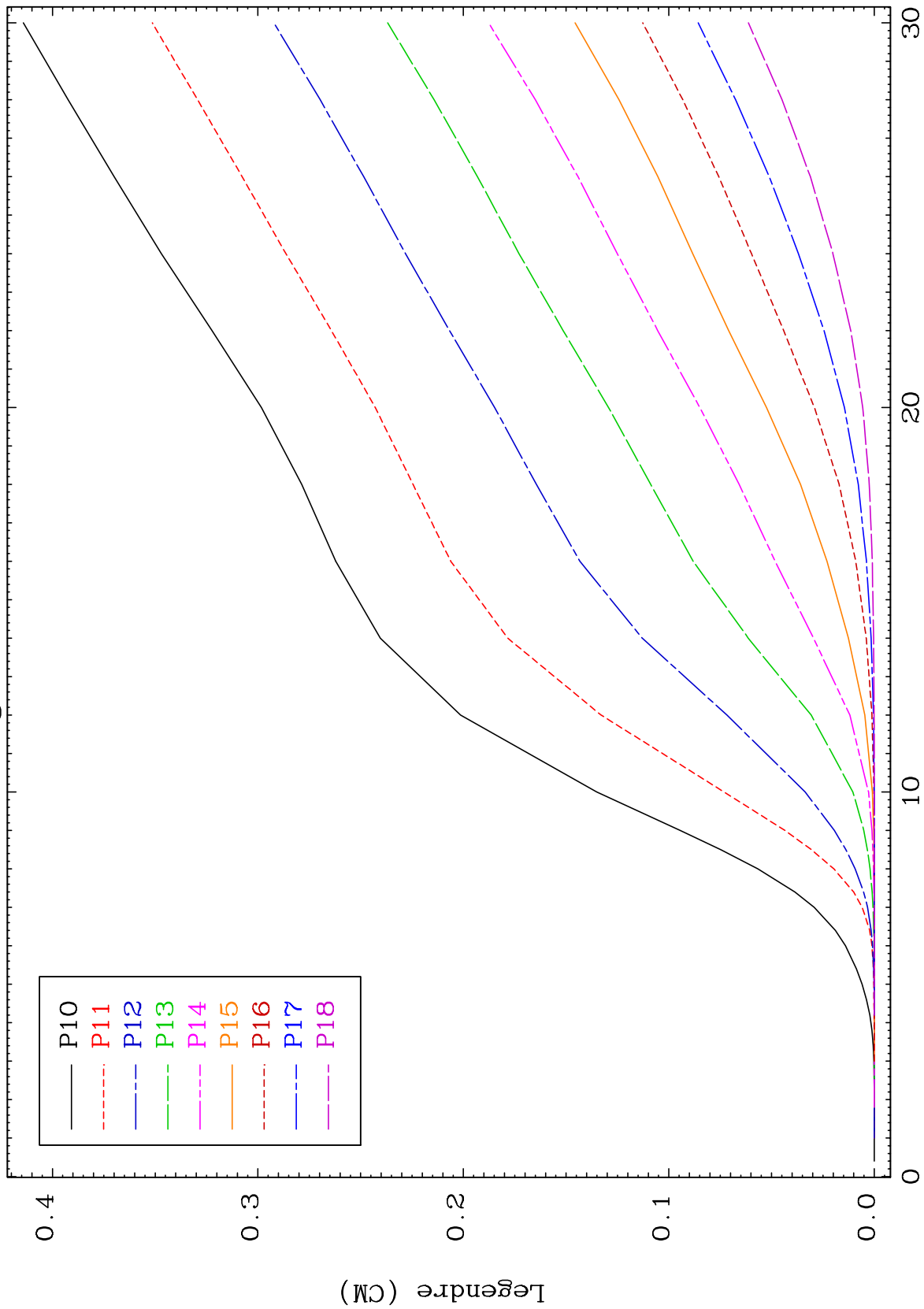
Incident Energy (MeV)

15

MAT 8792

Elastic Legendre Coefficients

88-Ra-212



16

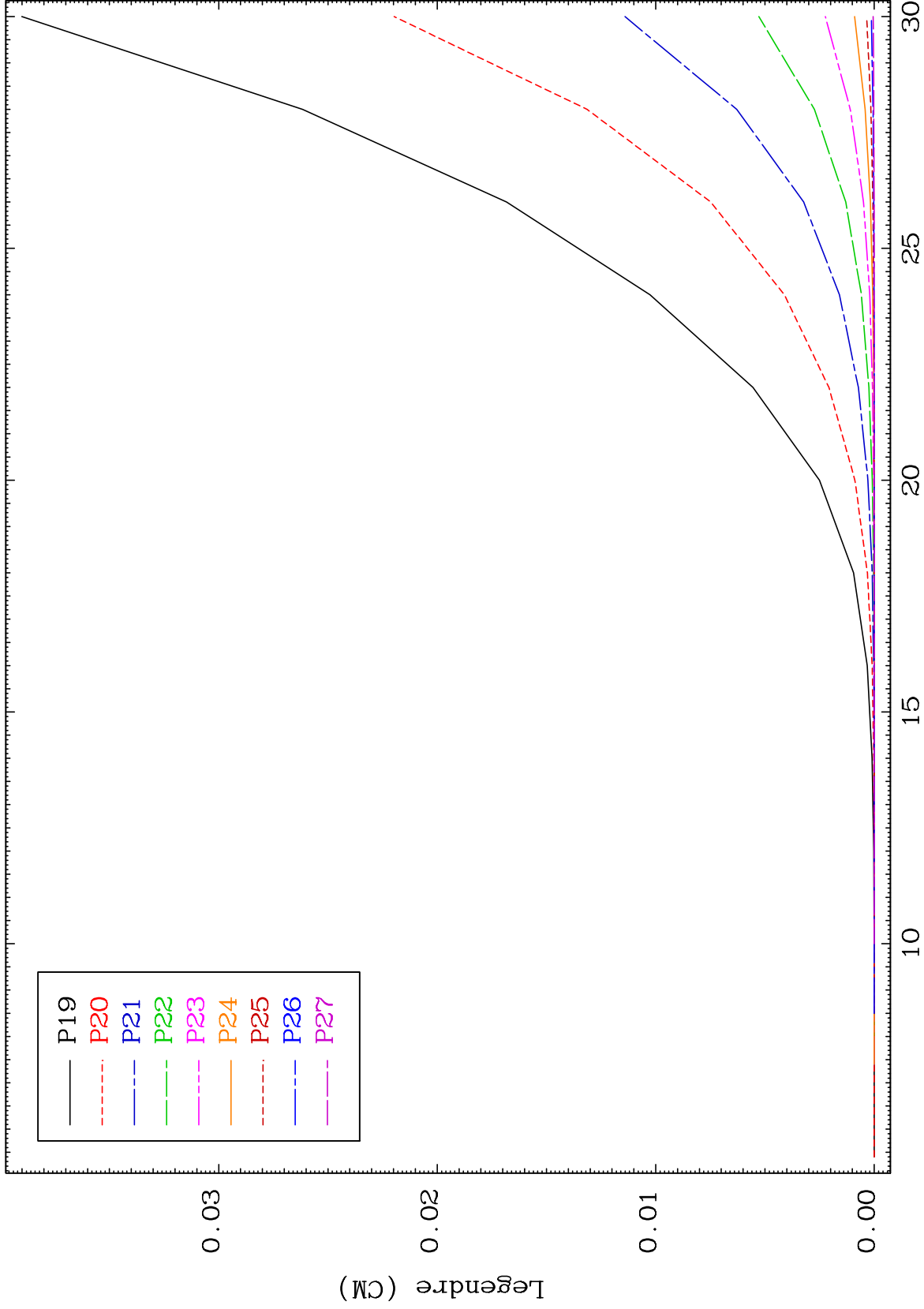
Incident Energy (MeV)

88-Ra-212

MAT 8792

Elastic Legendre Coefficients

88-Ra-212



17

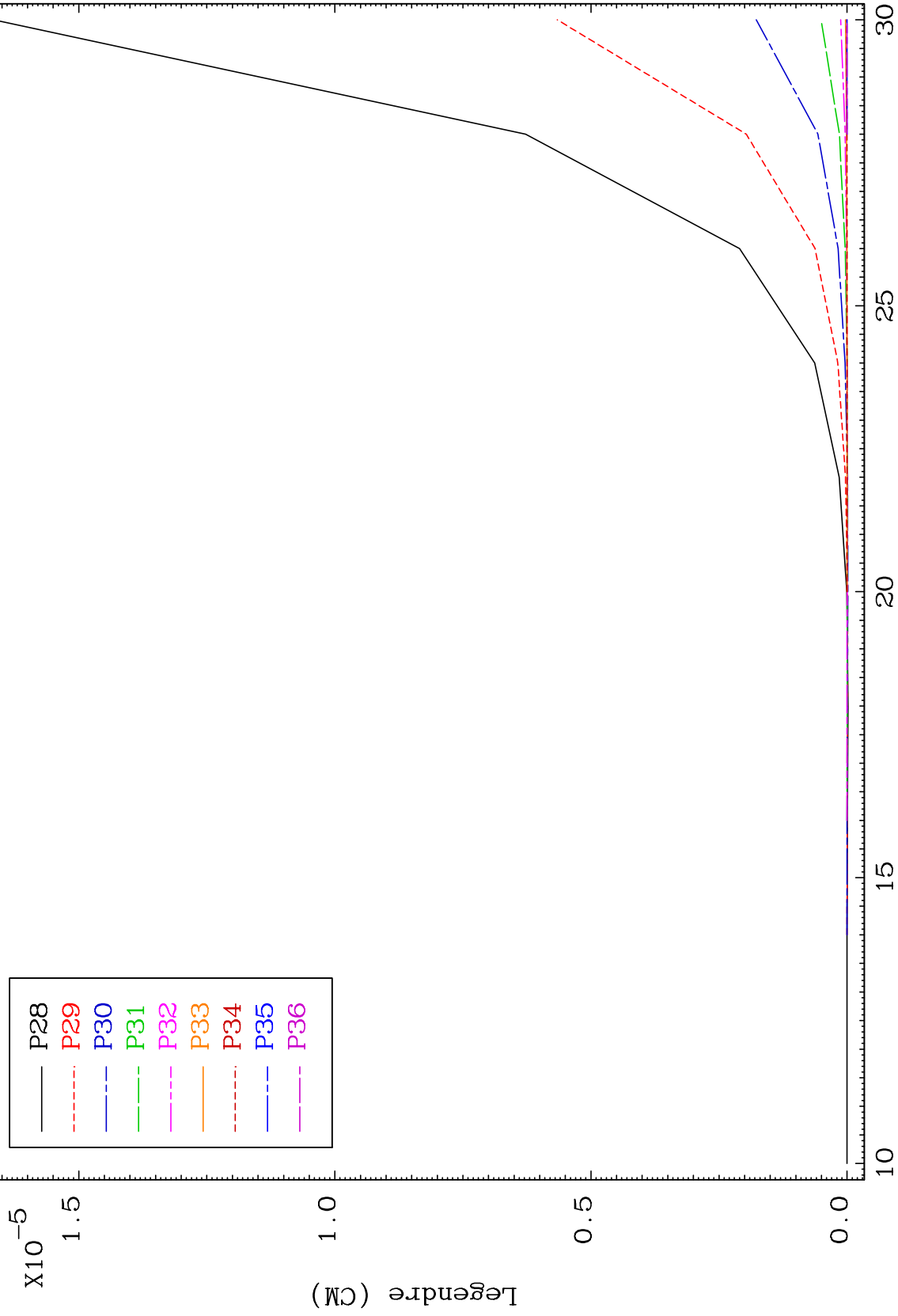
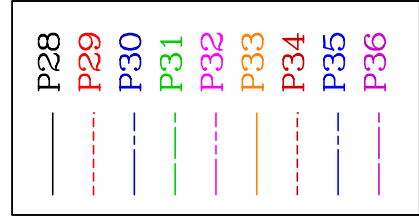
Incident Energy (MeV)

88-Ra-212

MAT 8792

Elastic
Legendre Coefficients

88-Ra-212



18

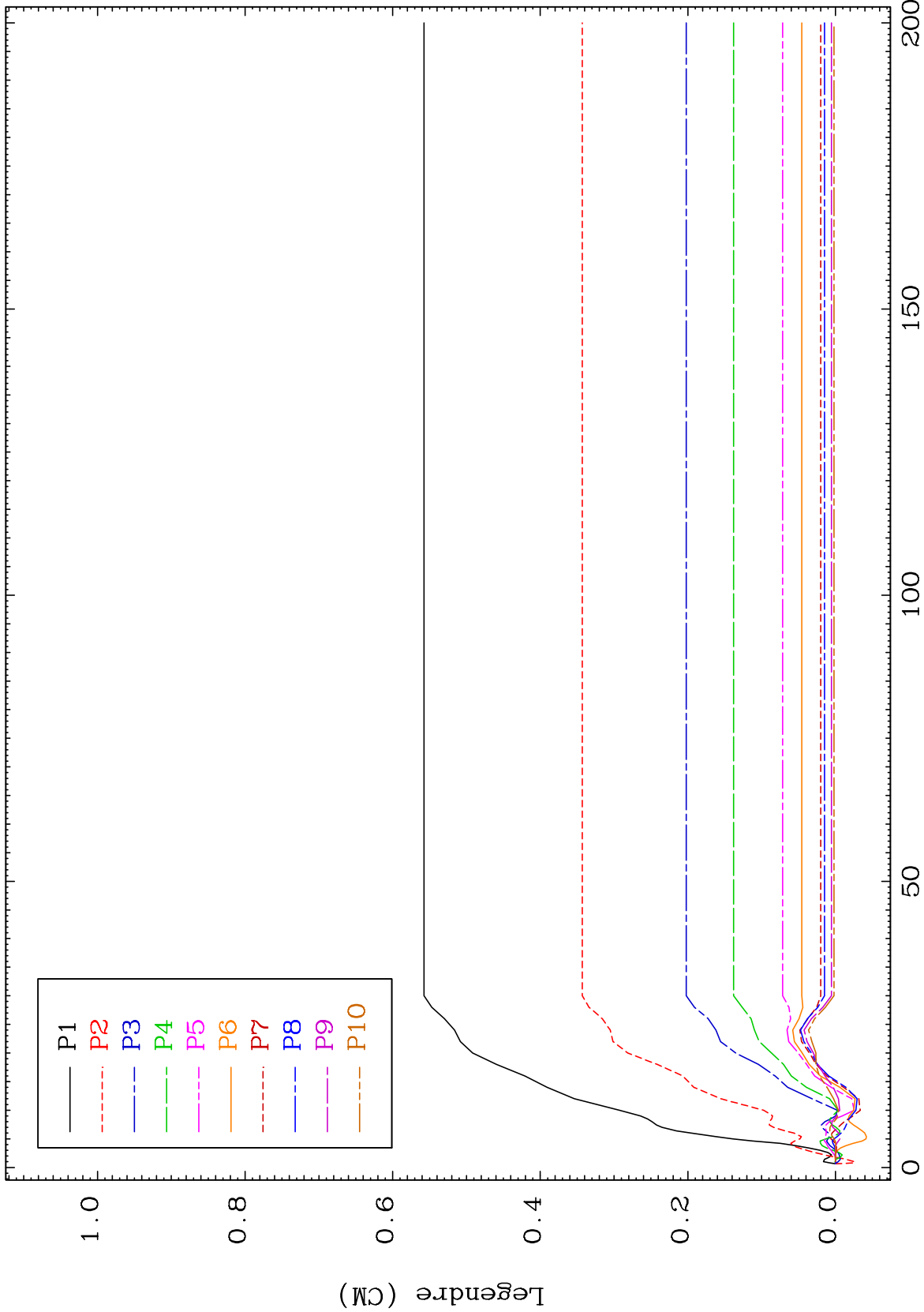
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

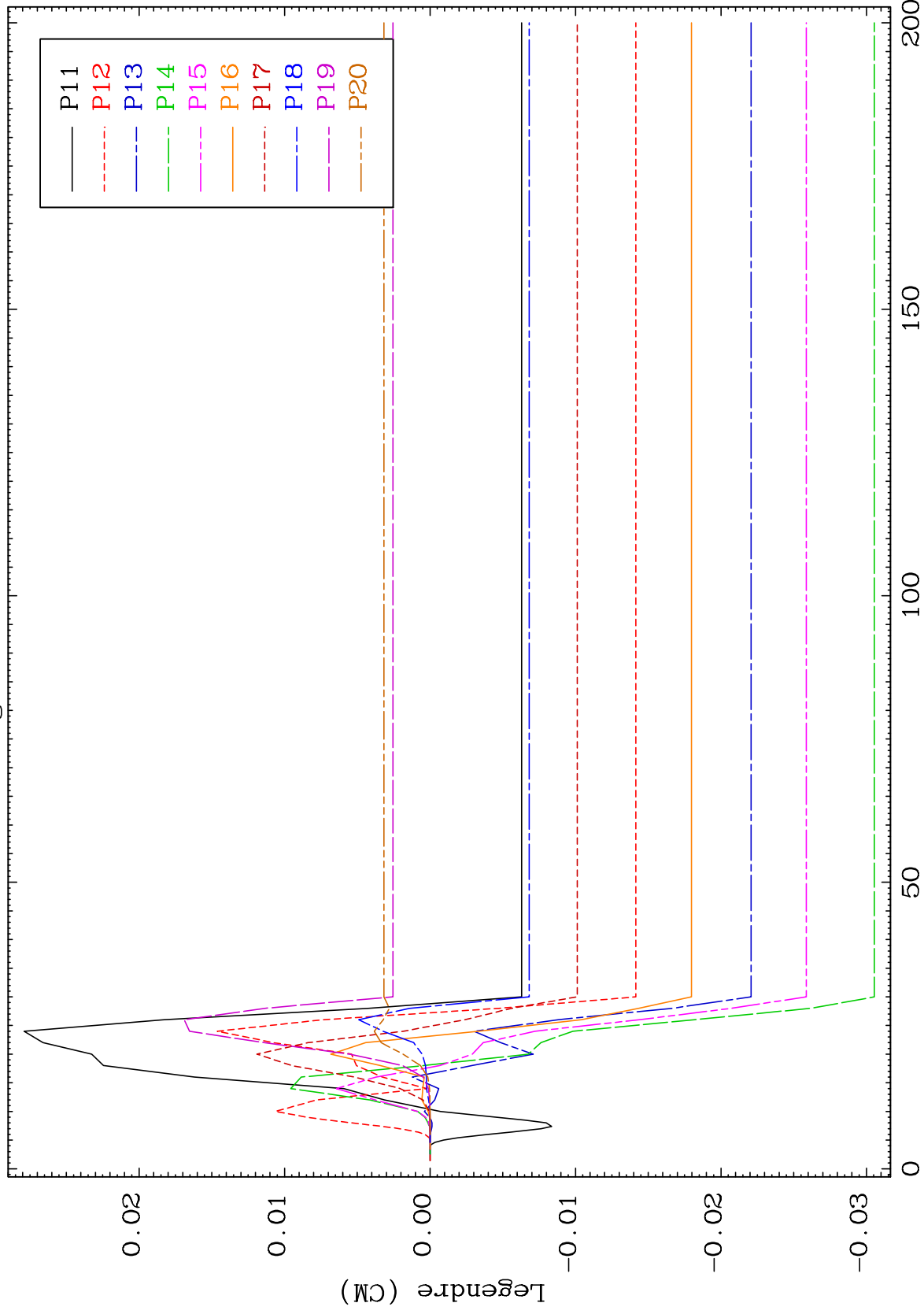
88-Ra-212



MAT 8792

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

88-Ra-212



20

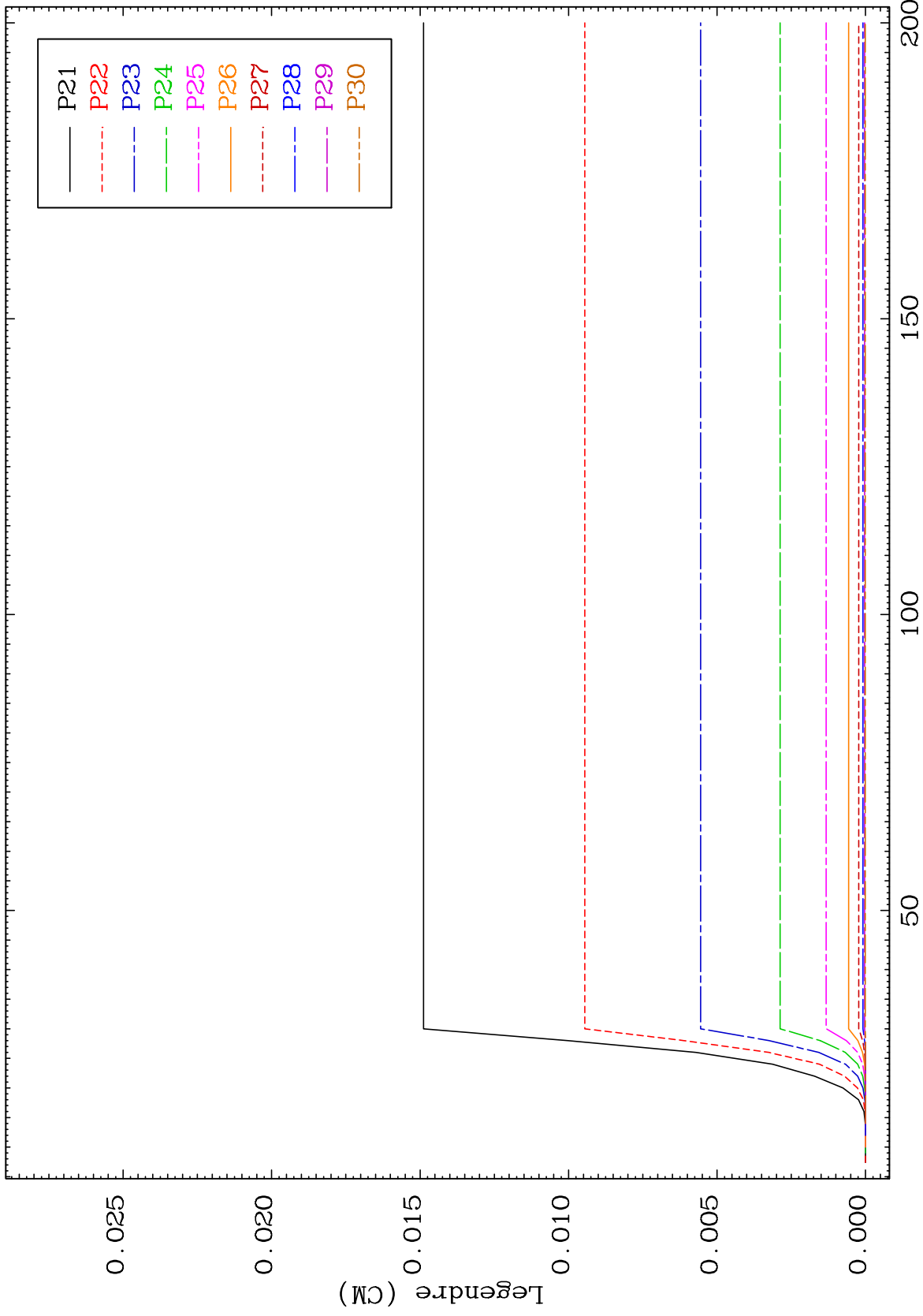
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

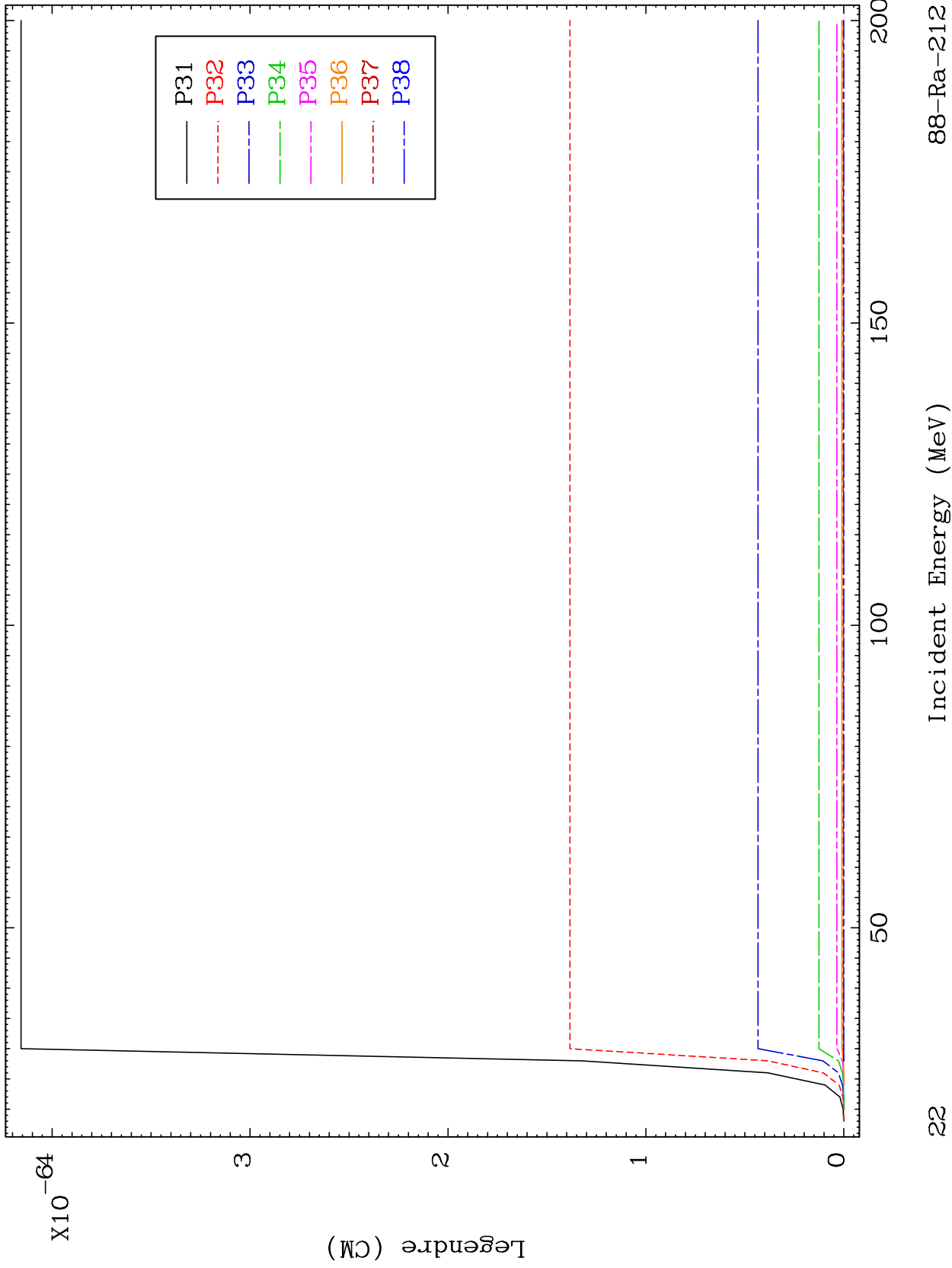
88-Ra-212



MAT 8792

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

88-Ra-212



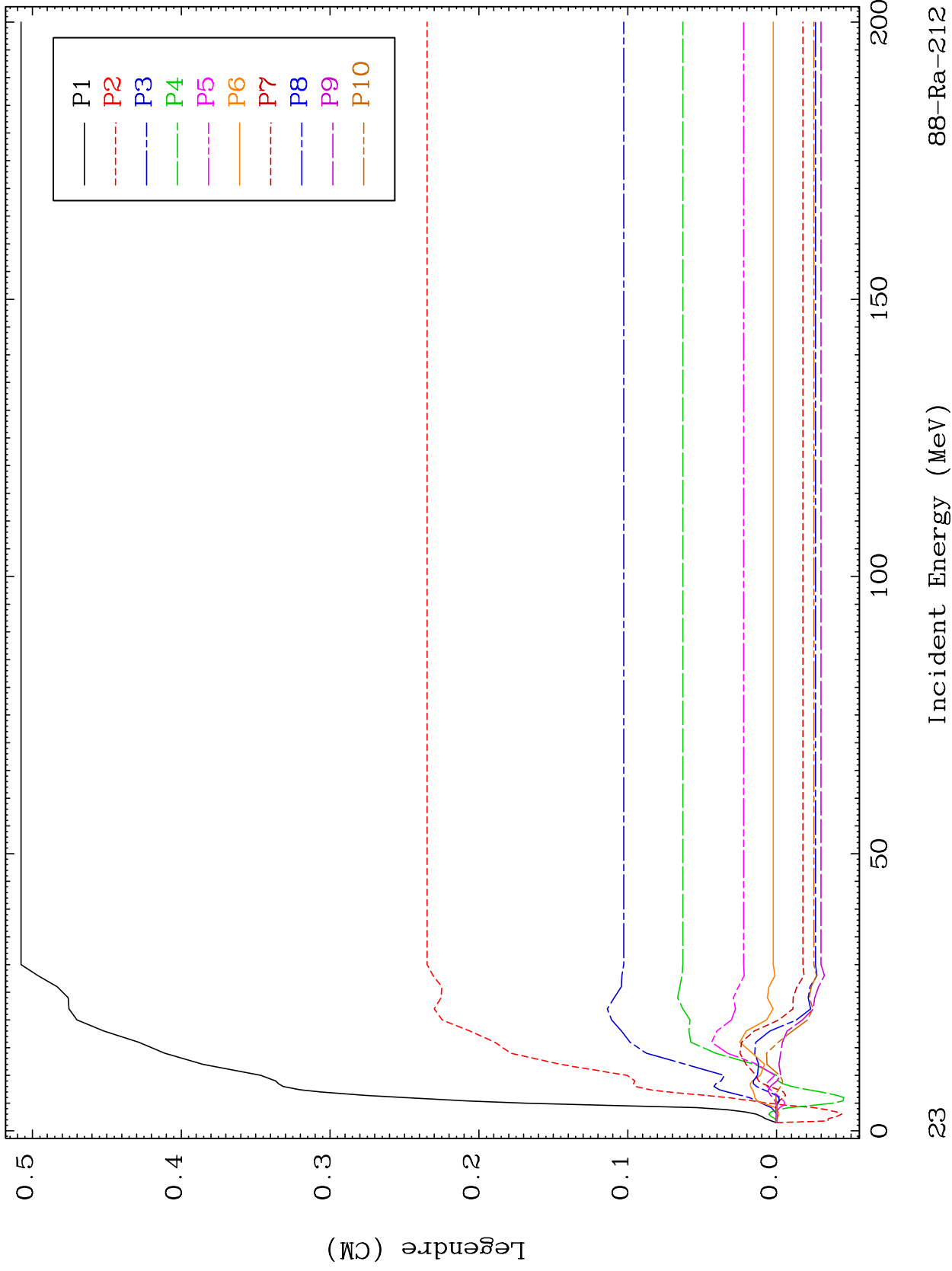
22

88-Ra-212

MAT 8792

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

88-Ra-212



88-Ra-212

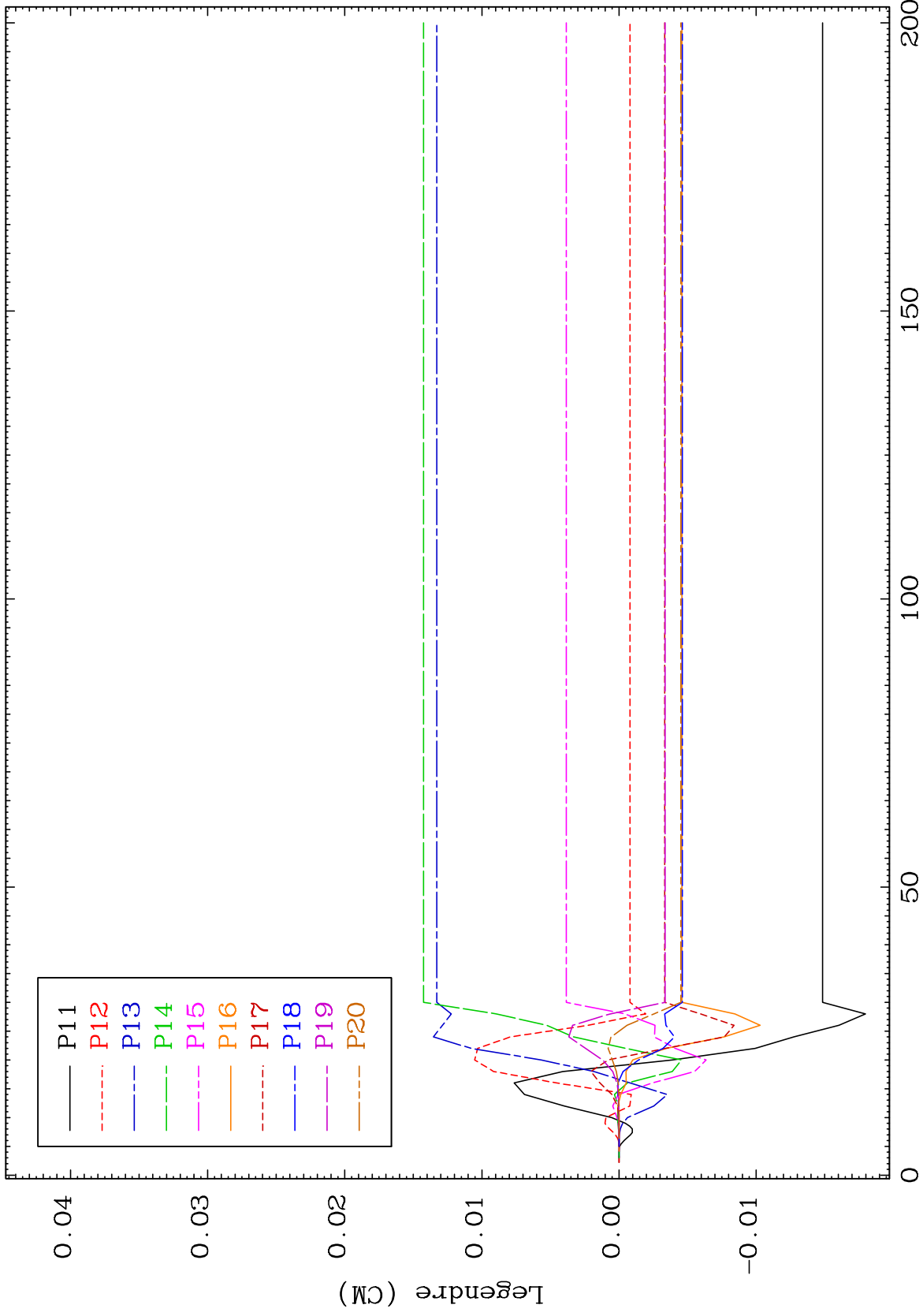
Incident Energy (MeV)

23

MAT 8792

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

88-Ra-212



24

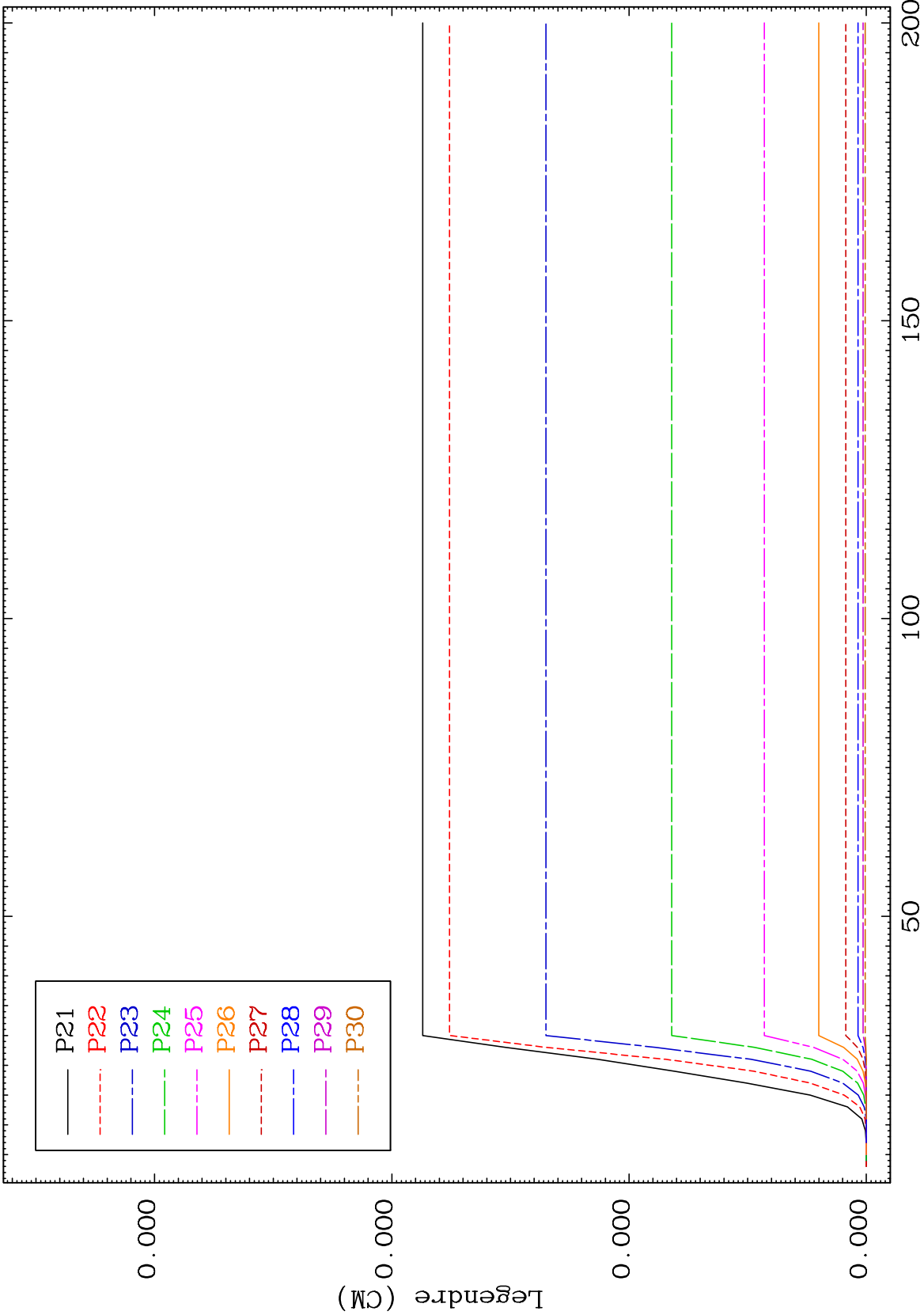
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

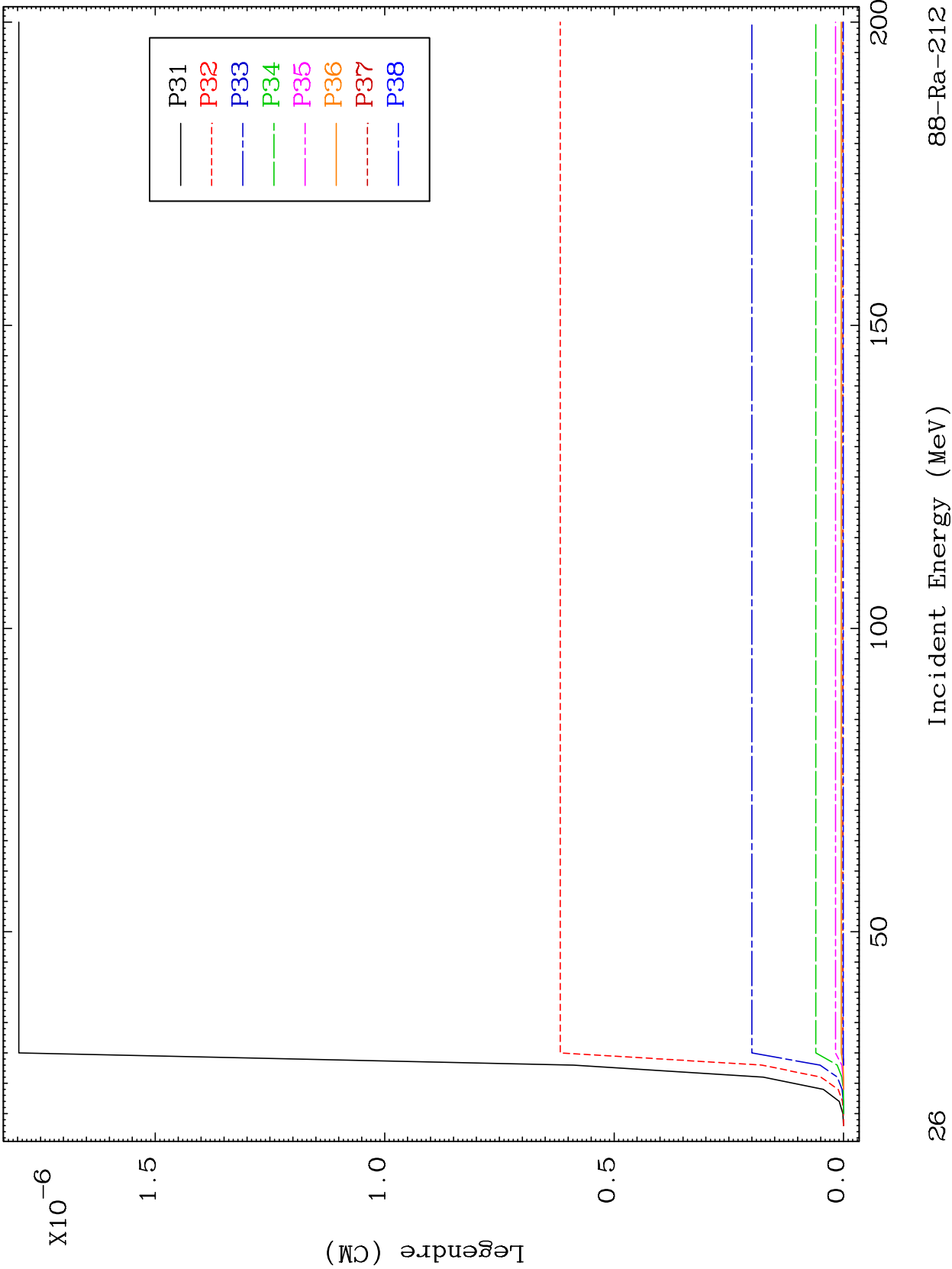
88-Ra-212



25

Incident Energy (MeV)

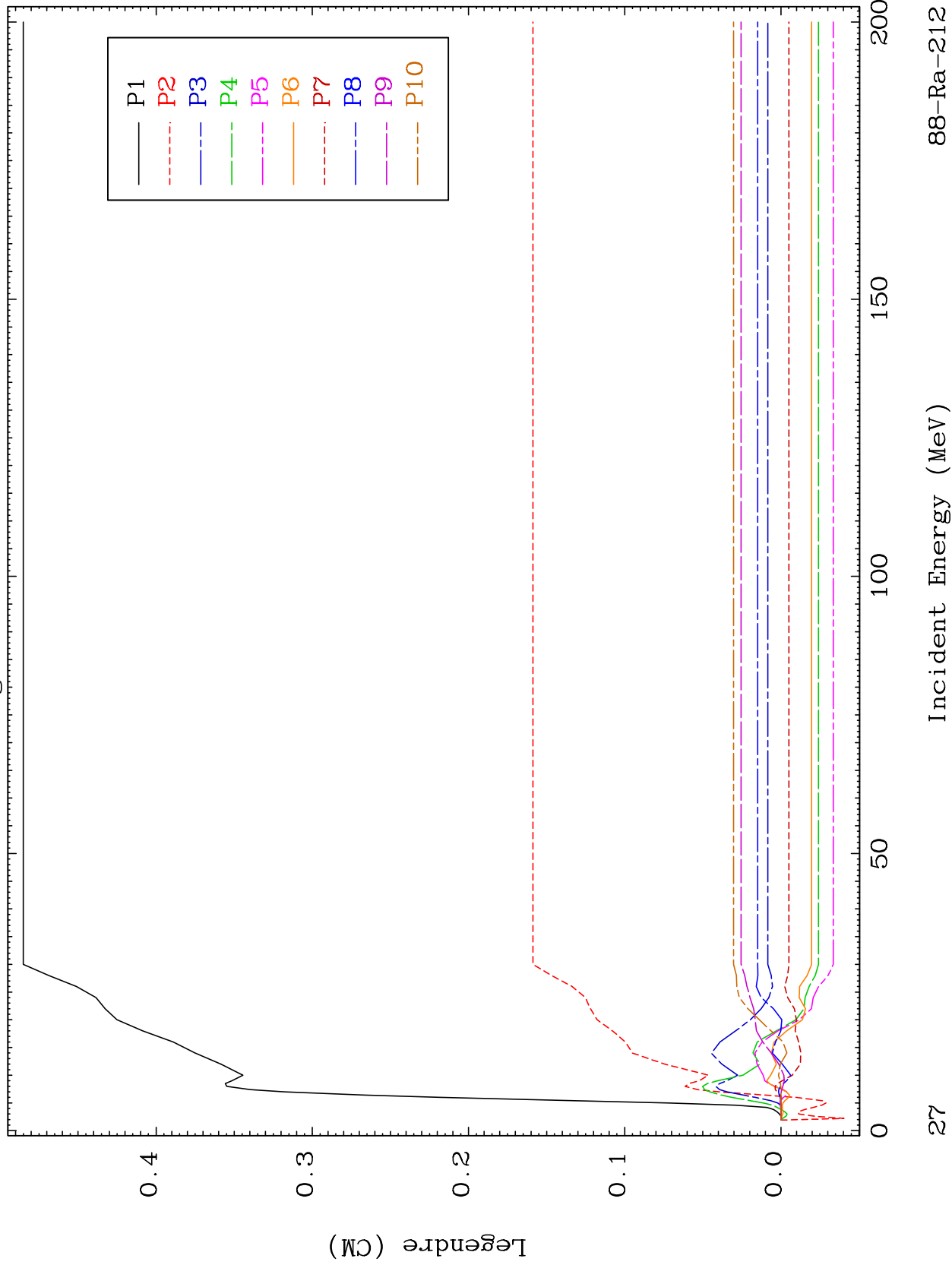
88-Ra-212



MAT 8792

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

88-Ra-212



88-Ra-212

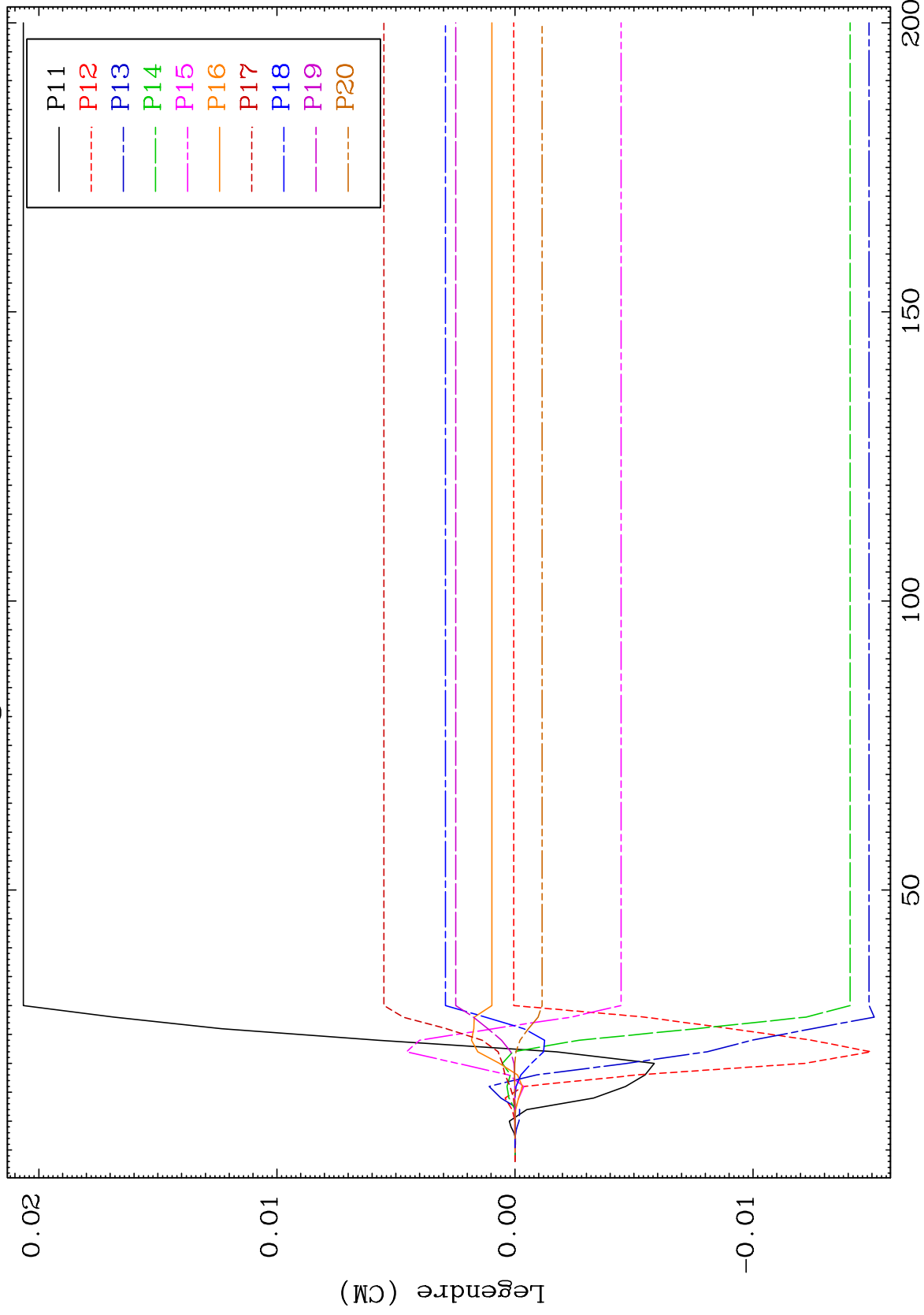
Incident Energy (MeV)

27

MAT 8792

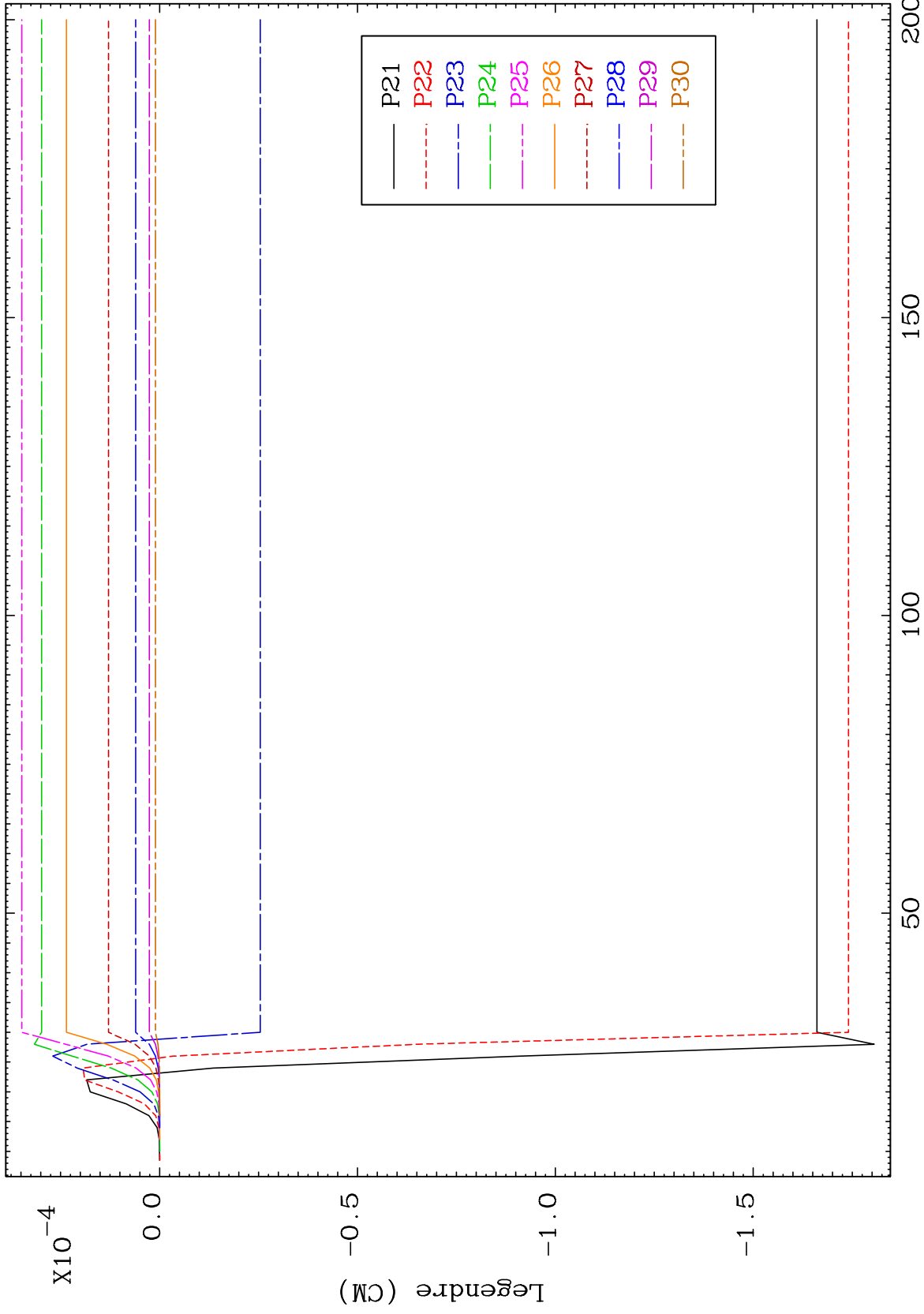
MT= 53 (n,n') Level
Legendre Coefficients

88-Ra-212



28

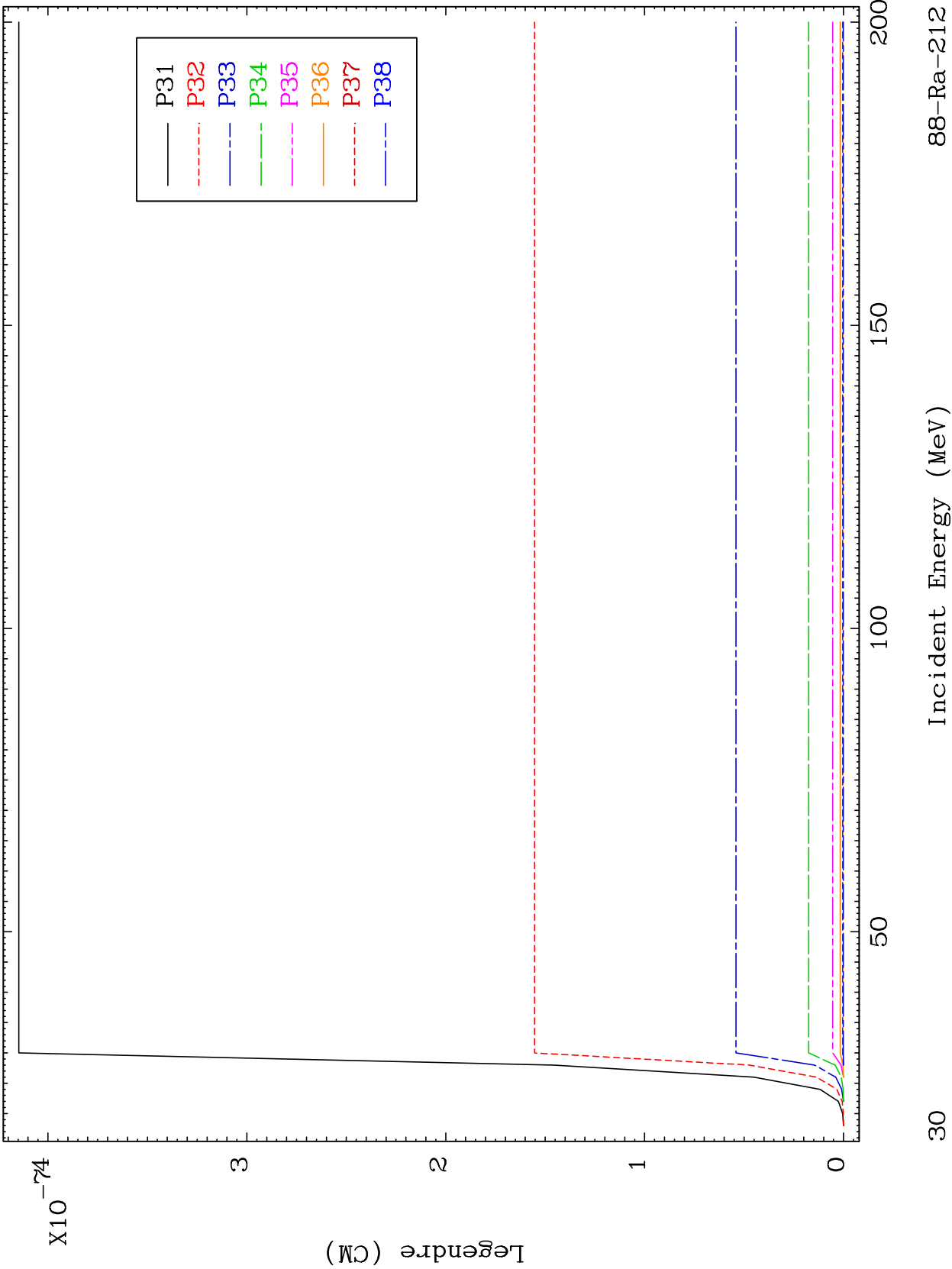
88-Ra-212



MAT 8792

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

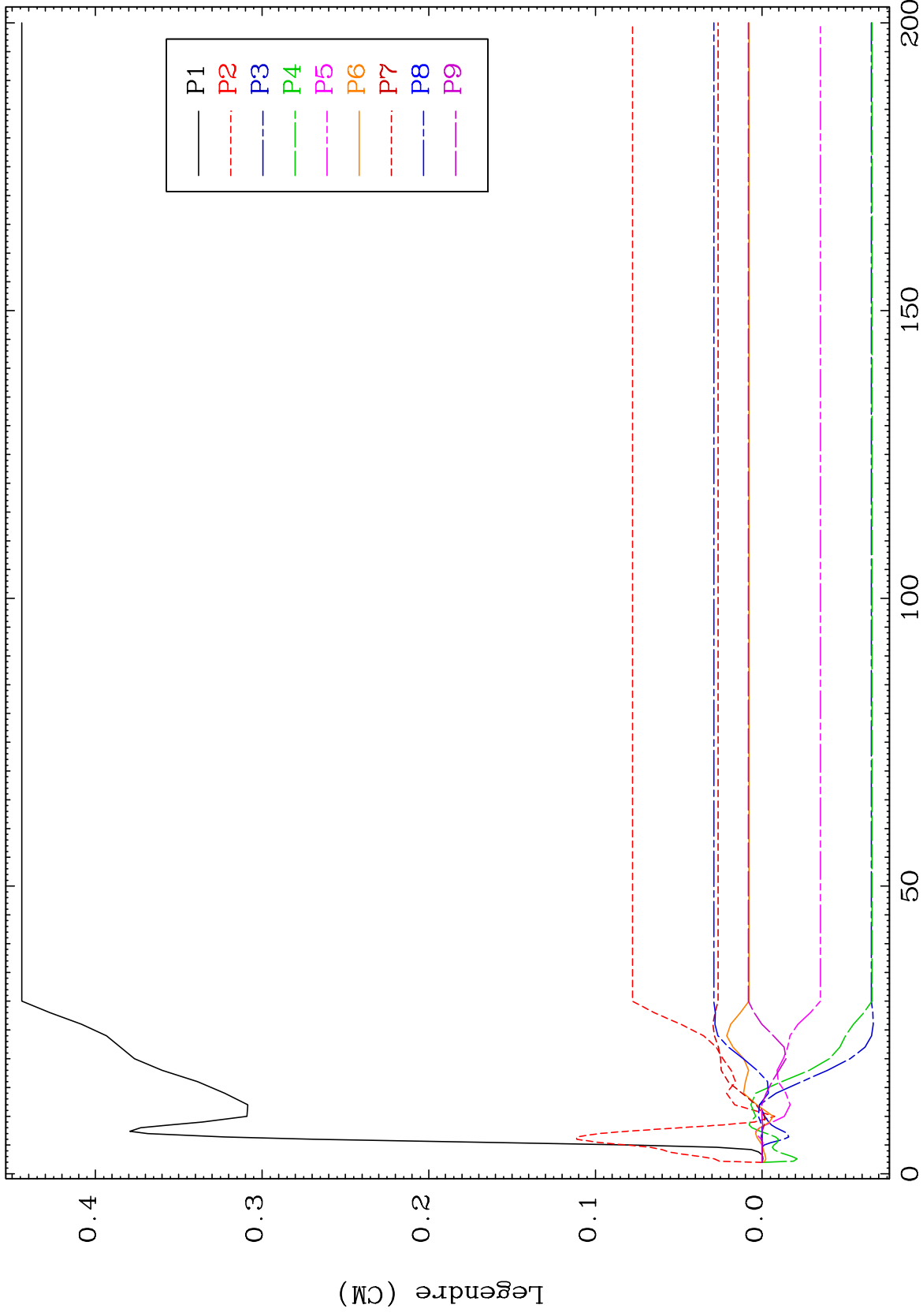
88-Ra-212



MAT 8792

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

88-Ra-212



31

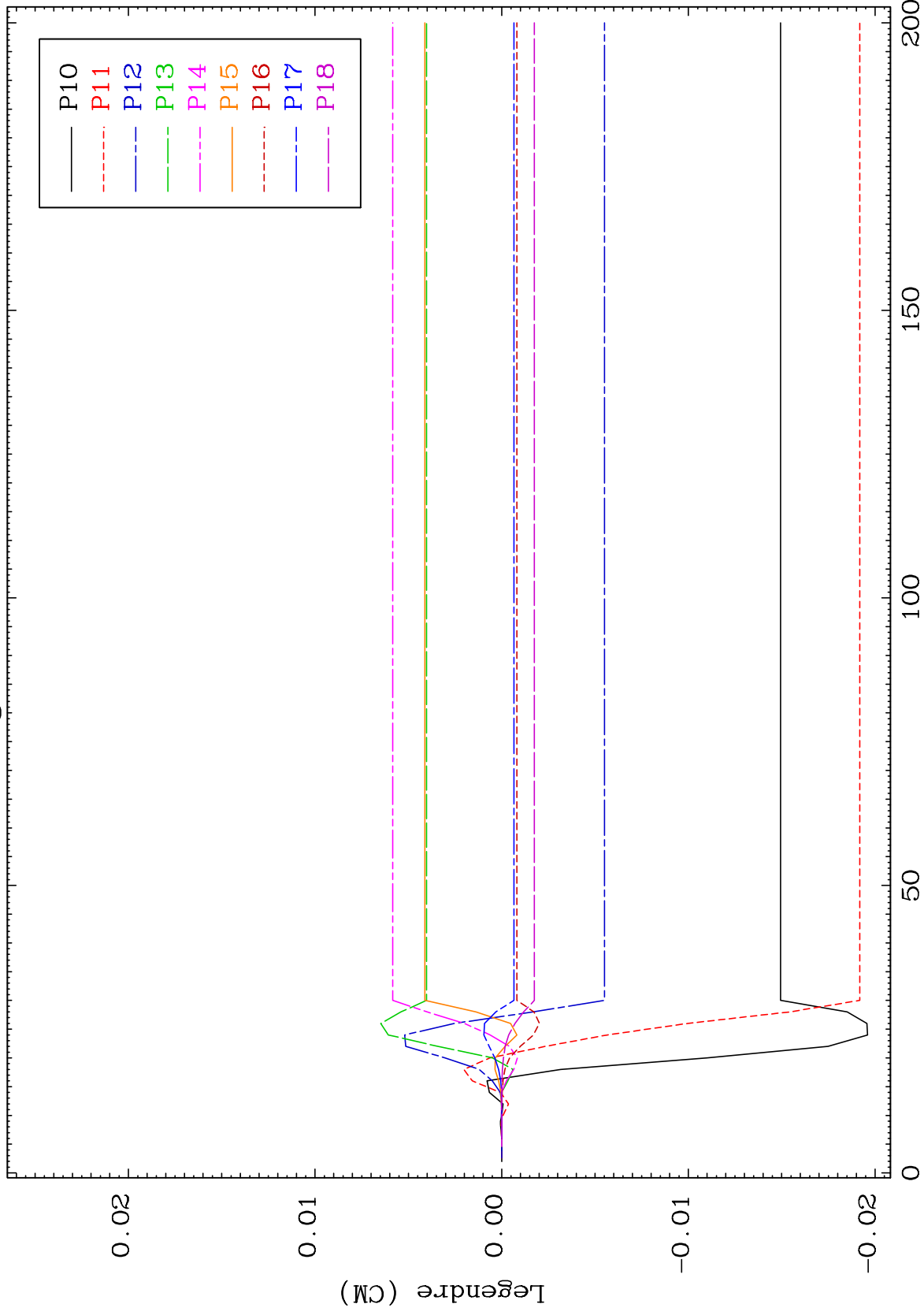
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



32

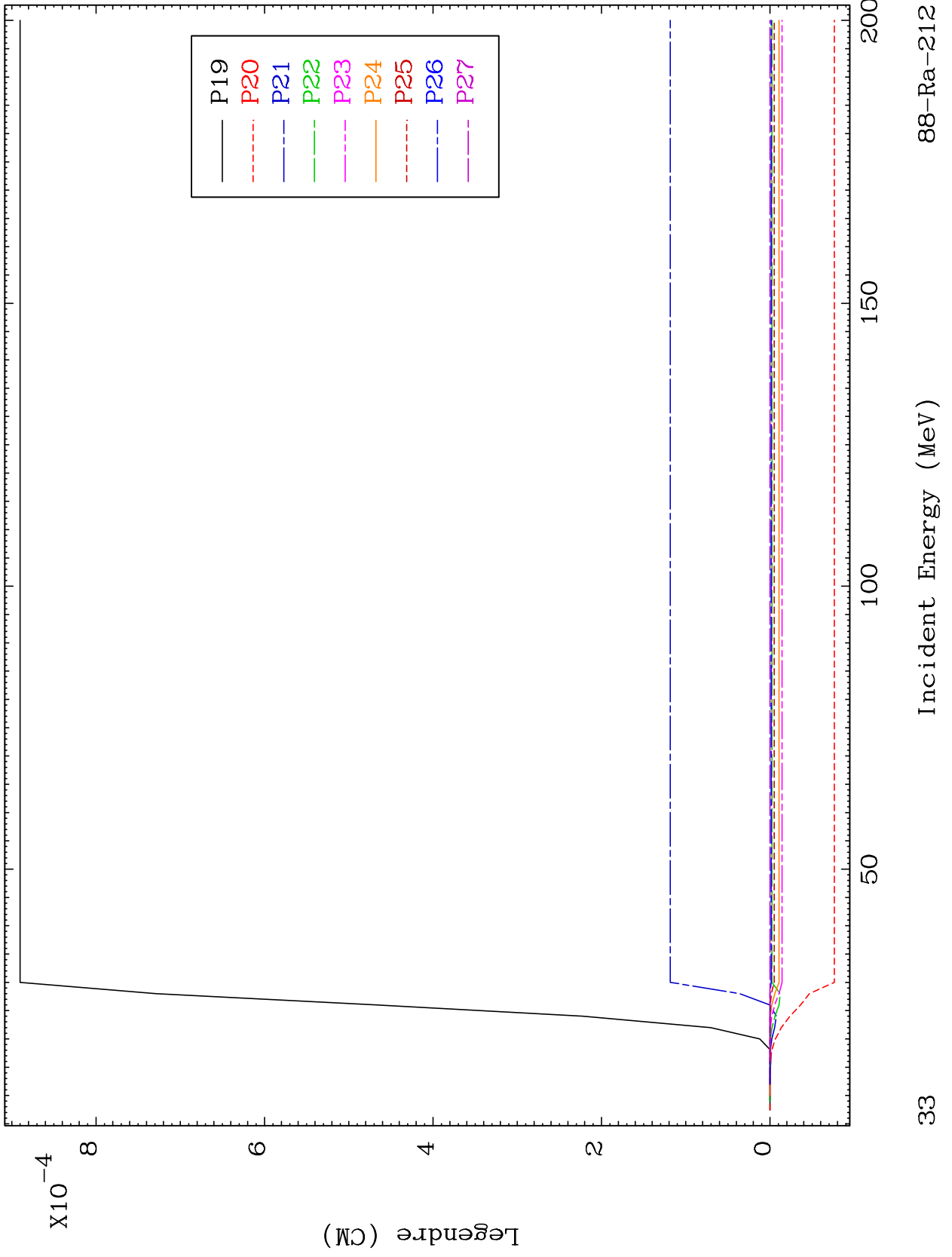
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



33

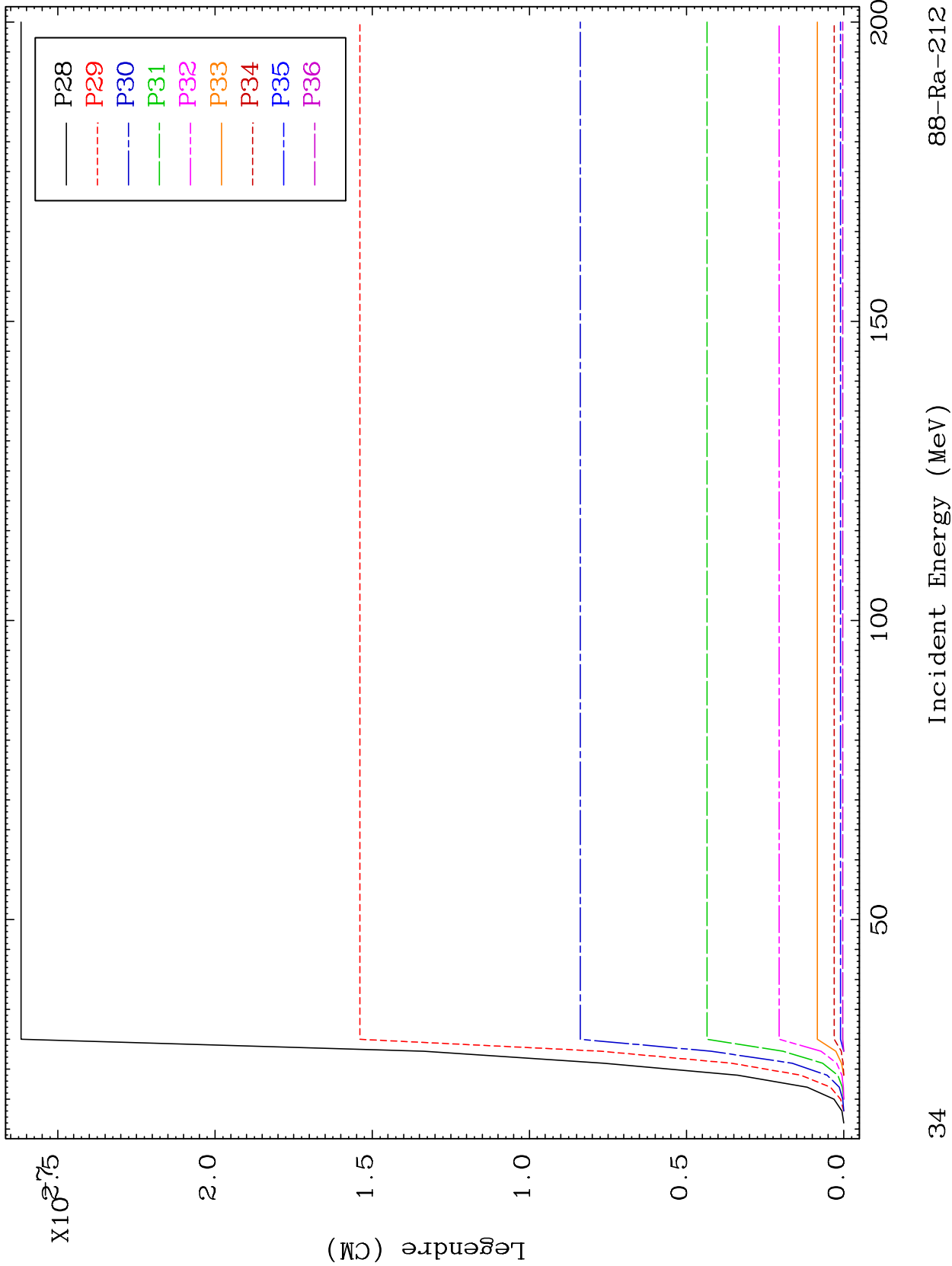
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



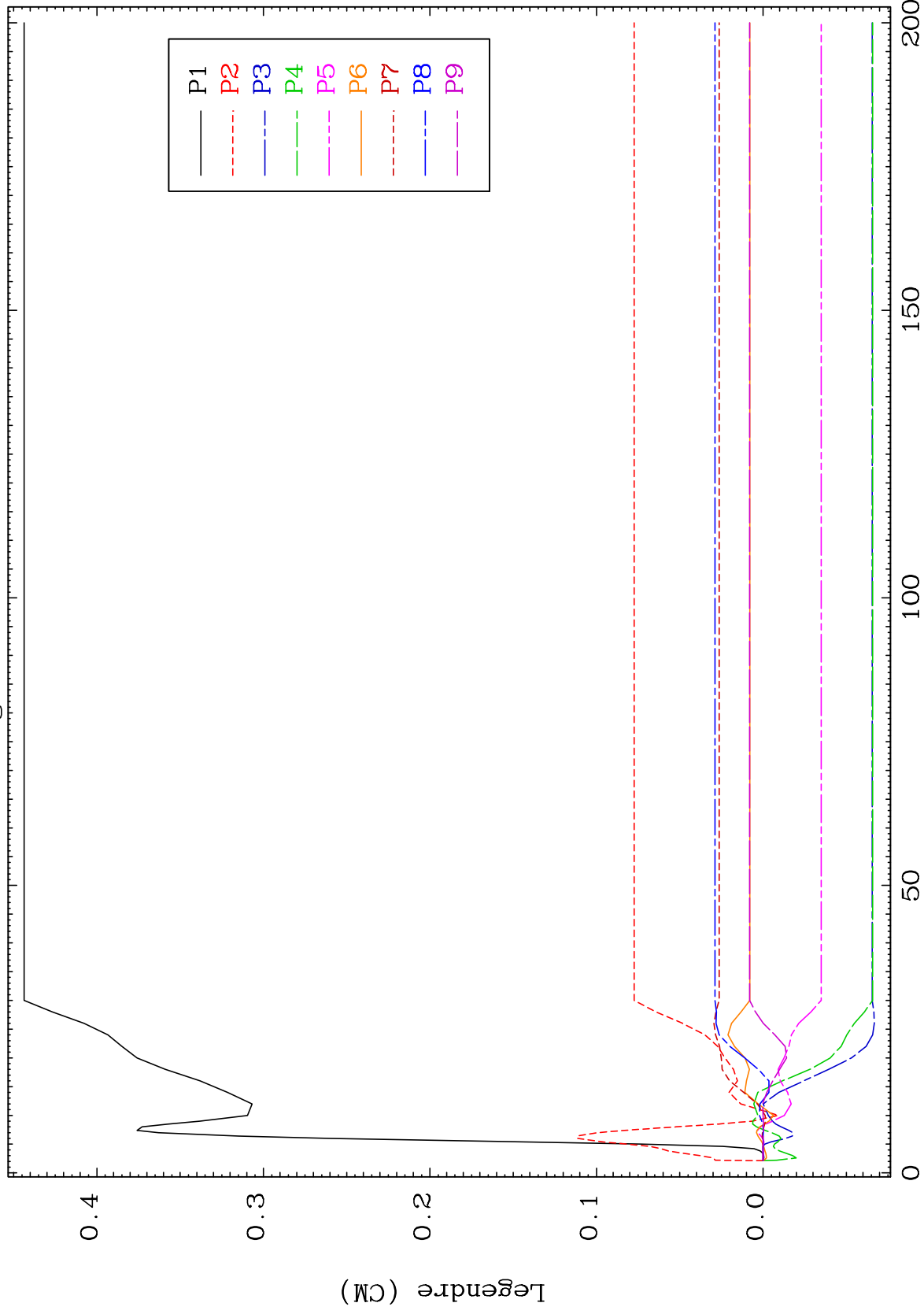
34

88-Ra-212

MAT 8792

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

88-Ra-212



35

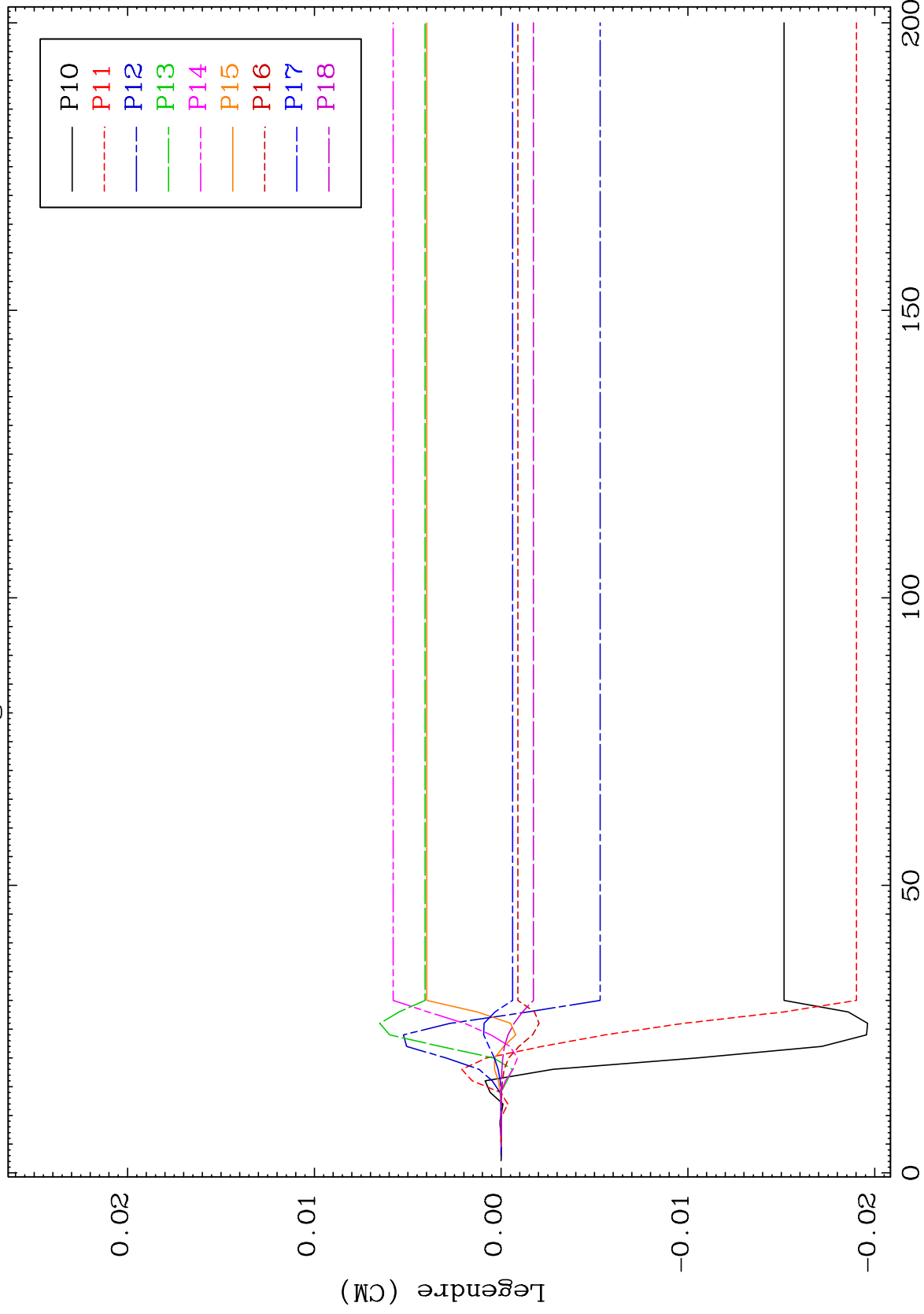
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



36

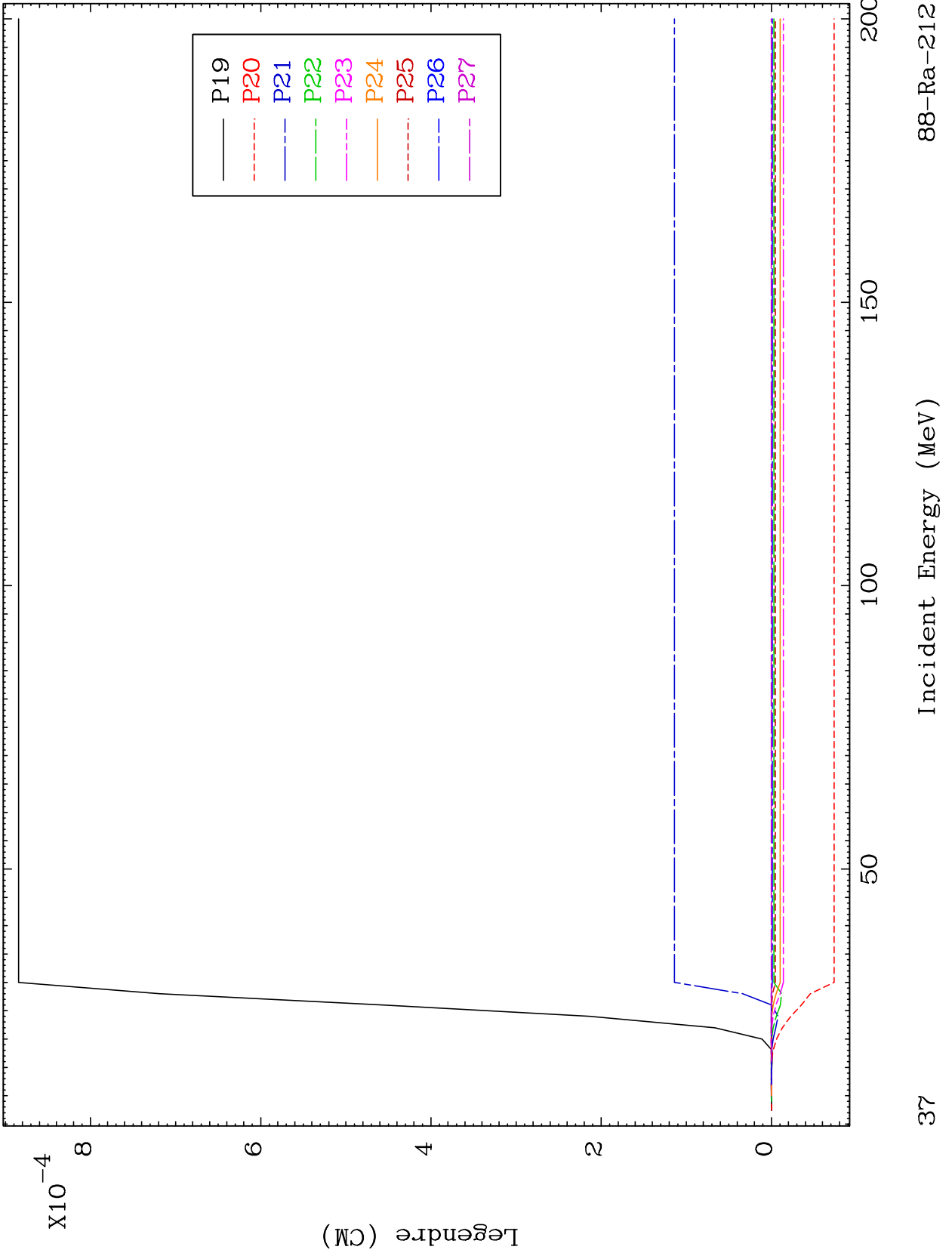
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



37

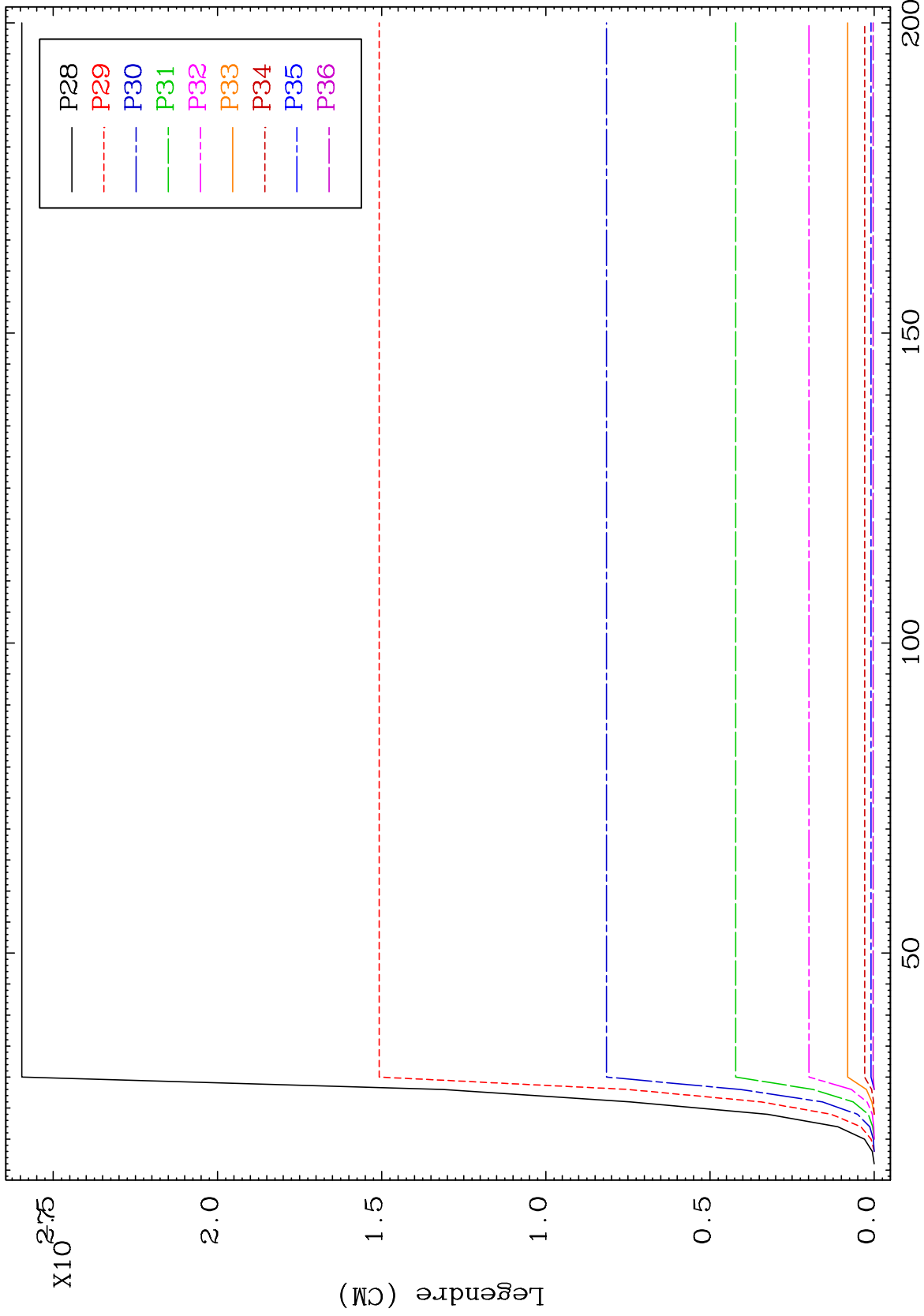
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

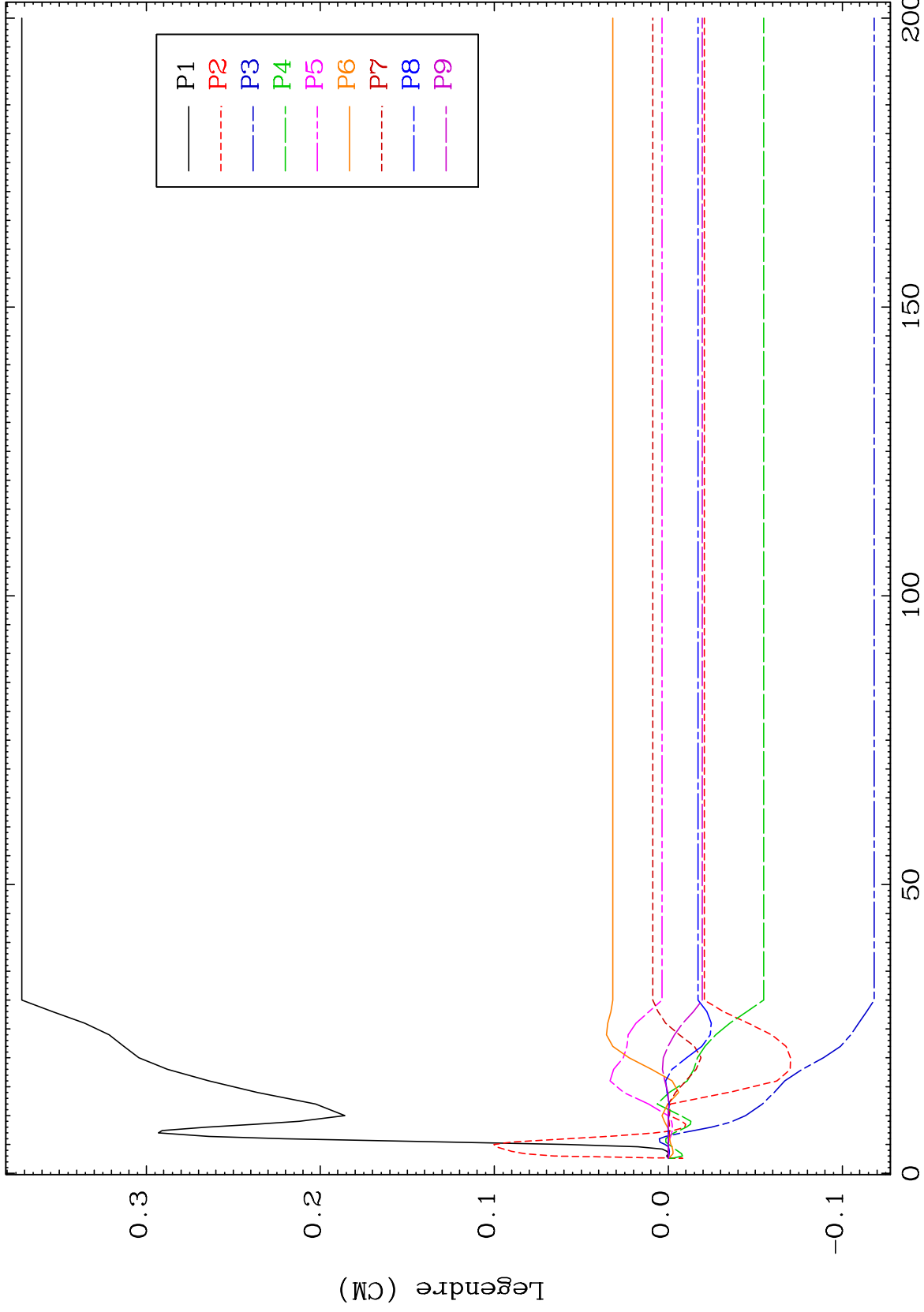
88-Ra-212



38

Incident Energy (MeV)

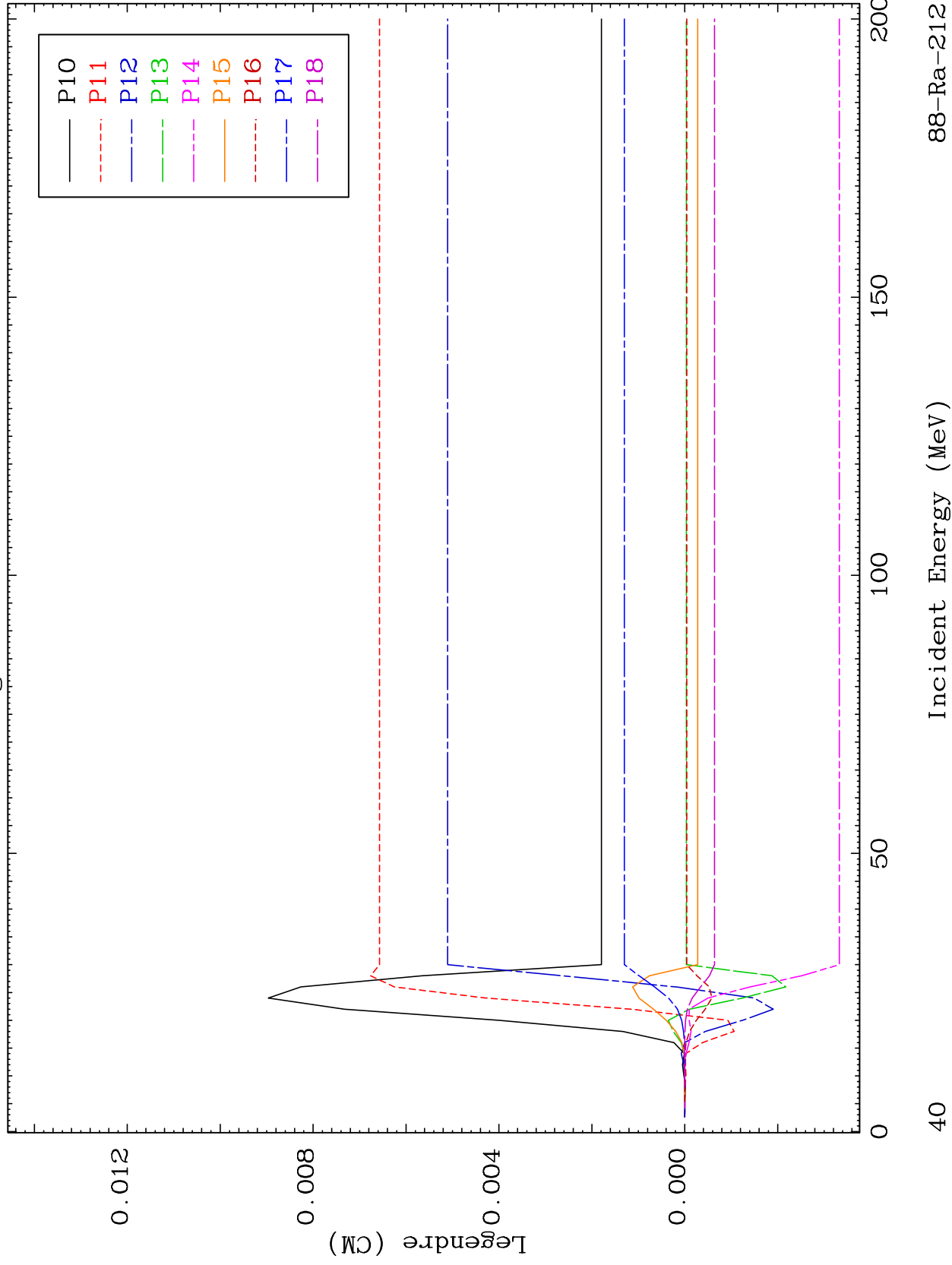
88-Ra-212



MAT 8792

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

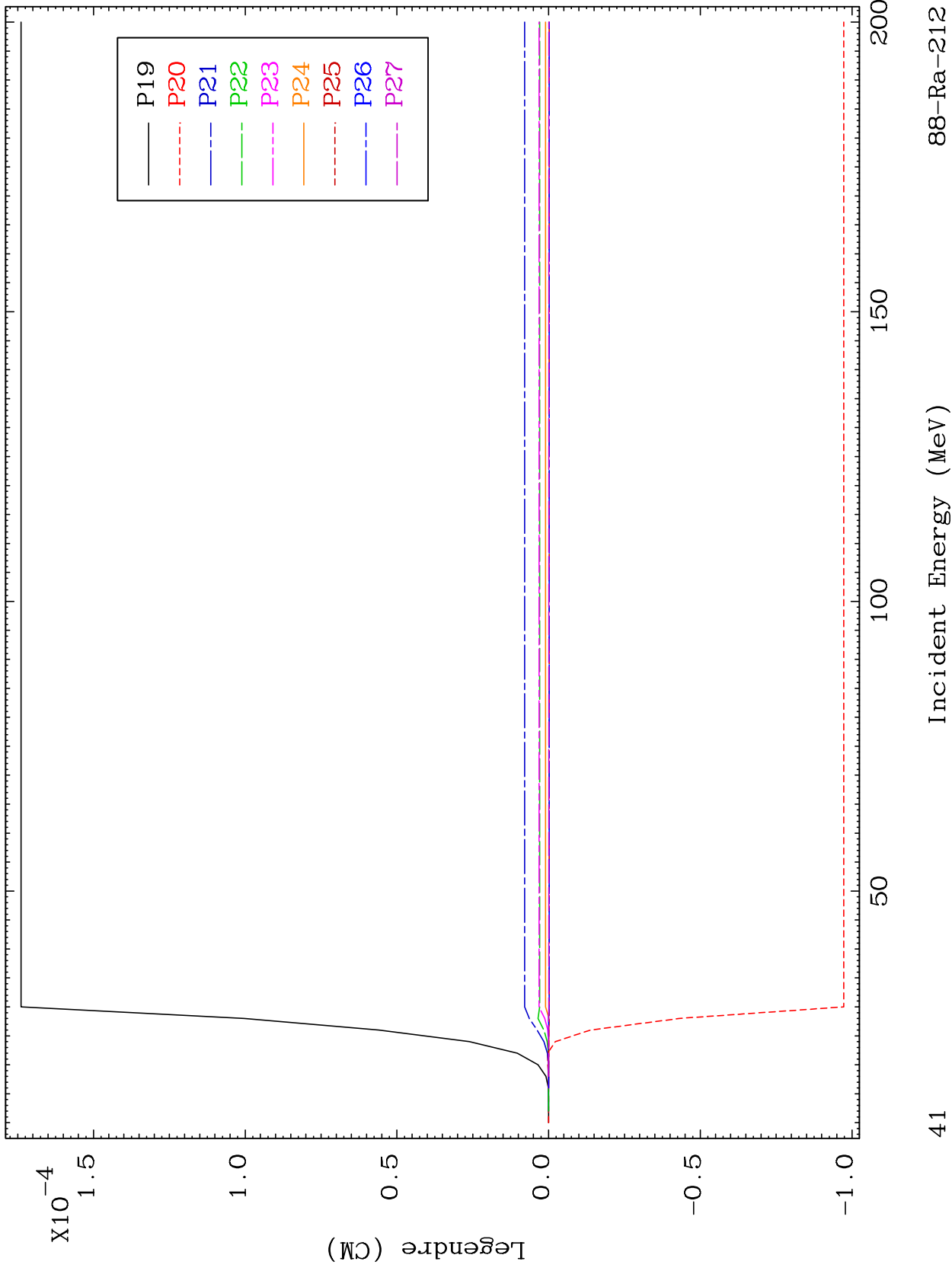
88-Ra-212



MAT 8792

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

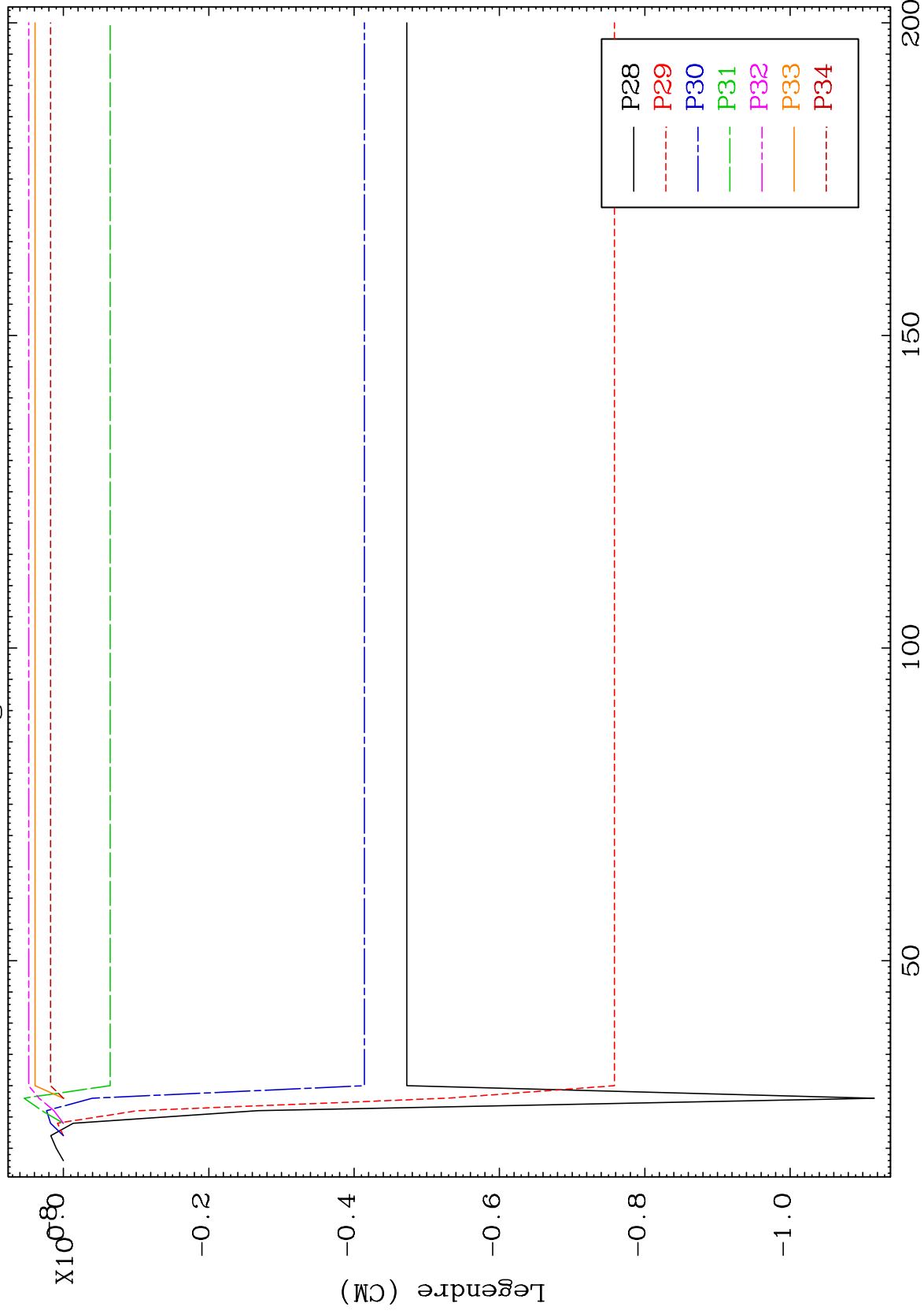
88-Ra-212



MAT 8792

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

88-Ra-212



42

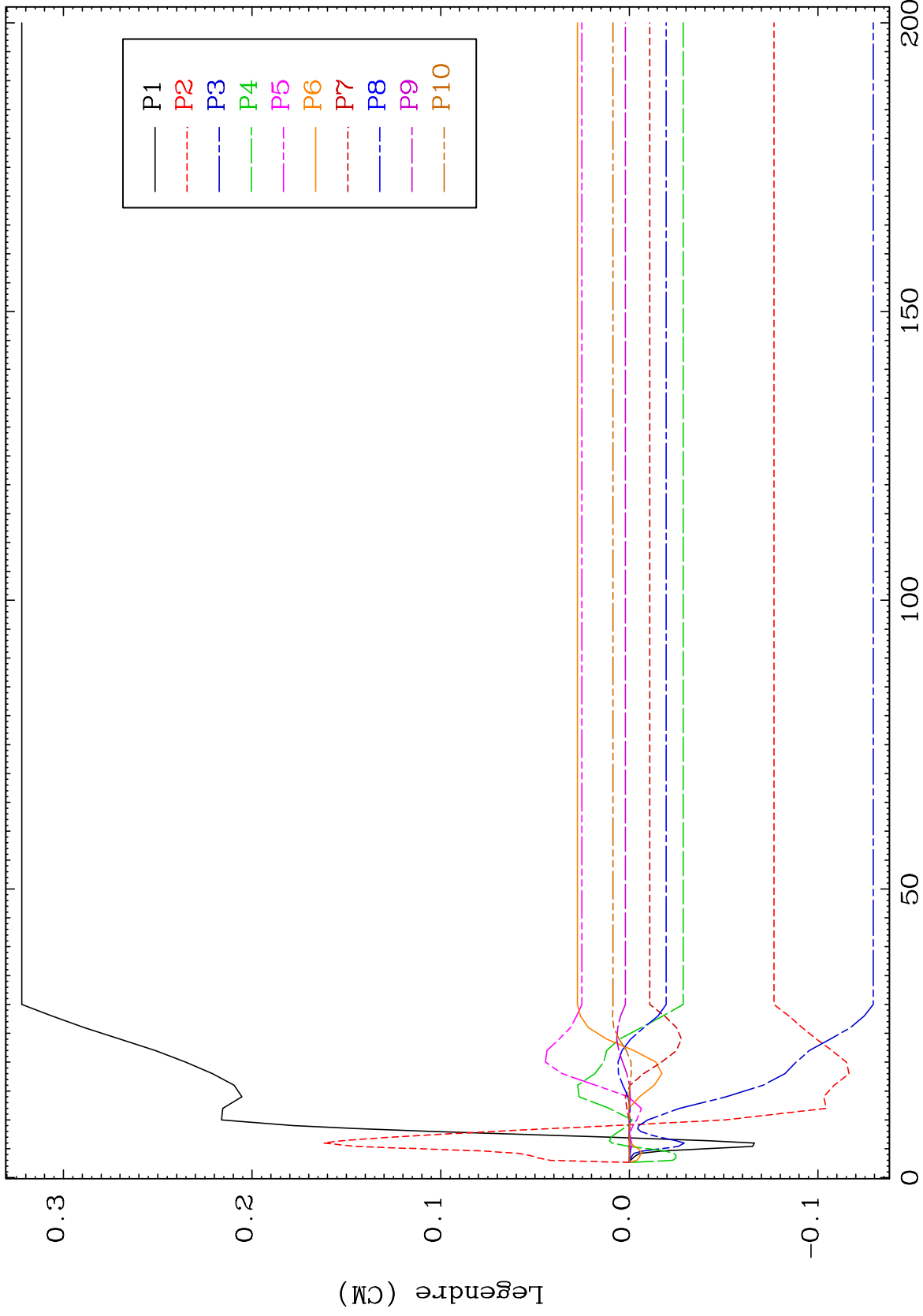
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



43

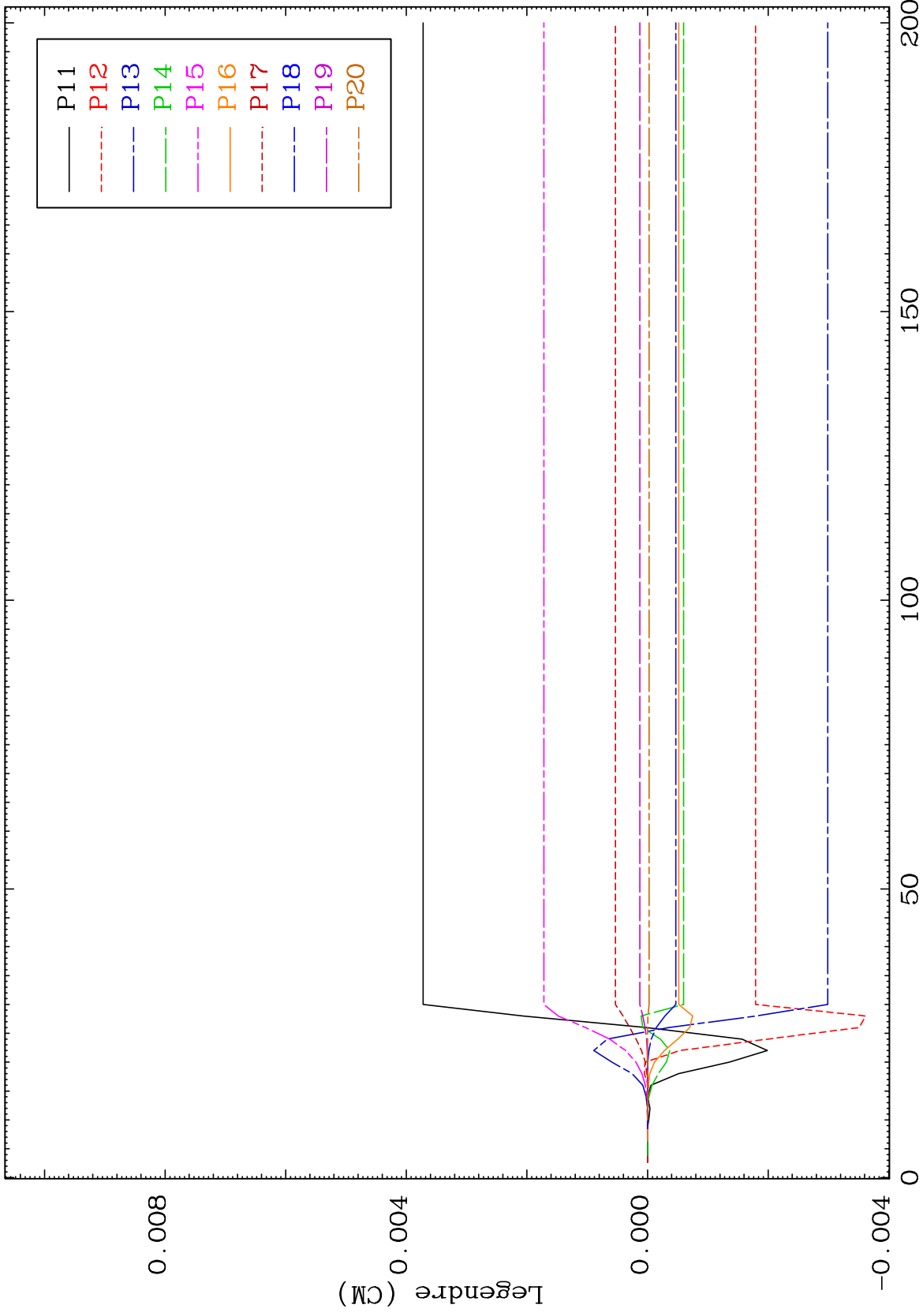
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



44

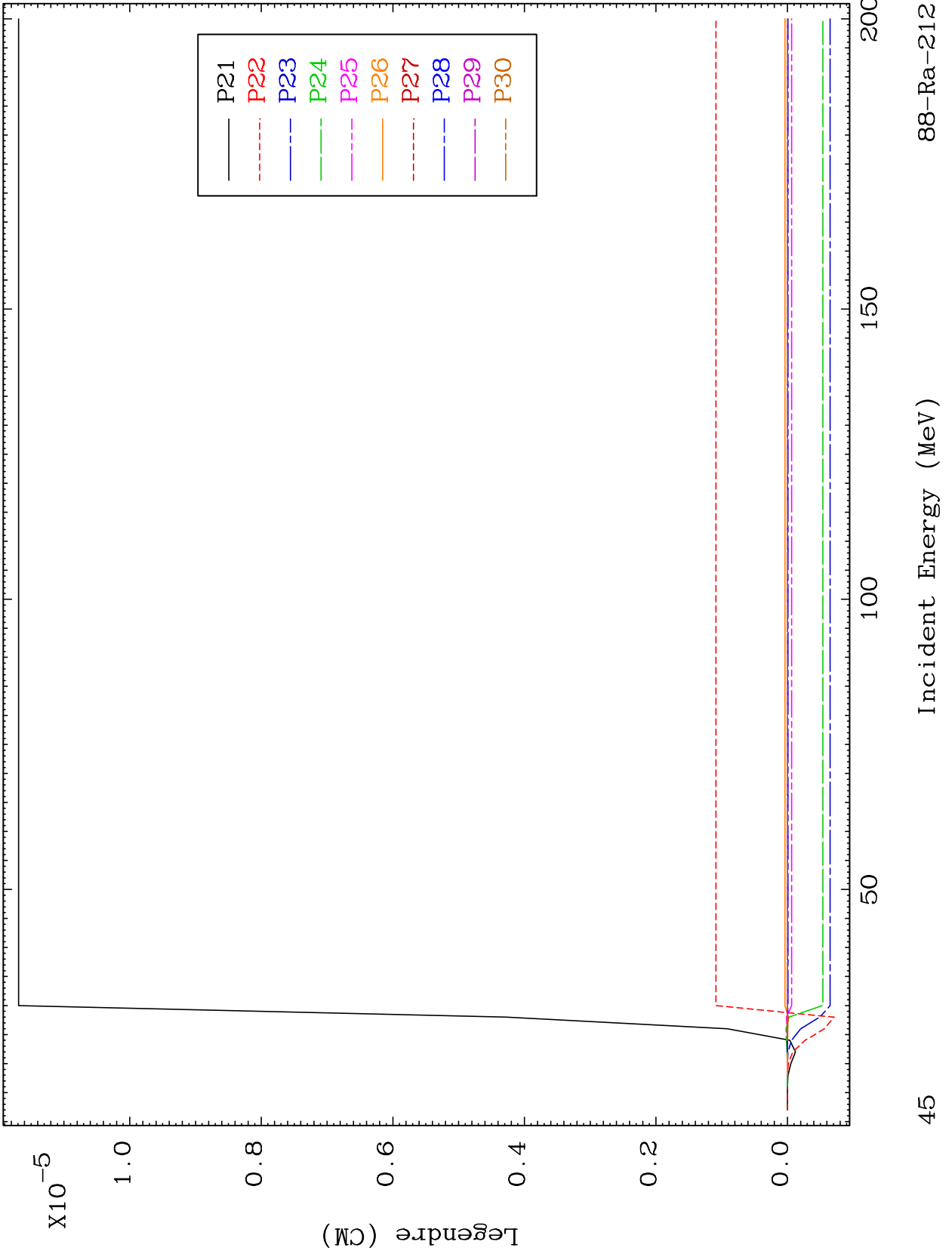
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



45

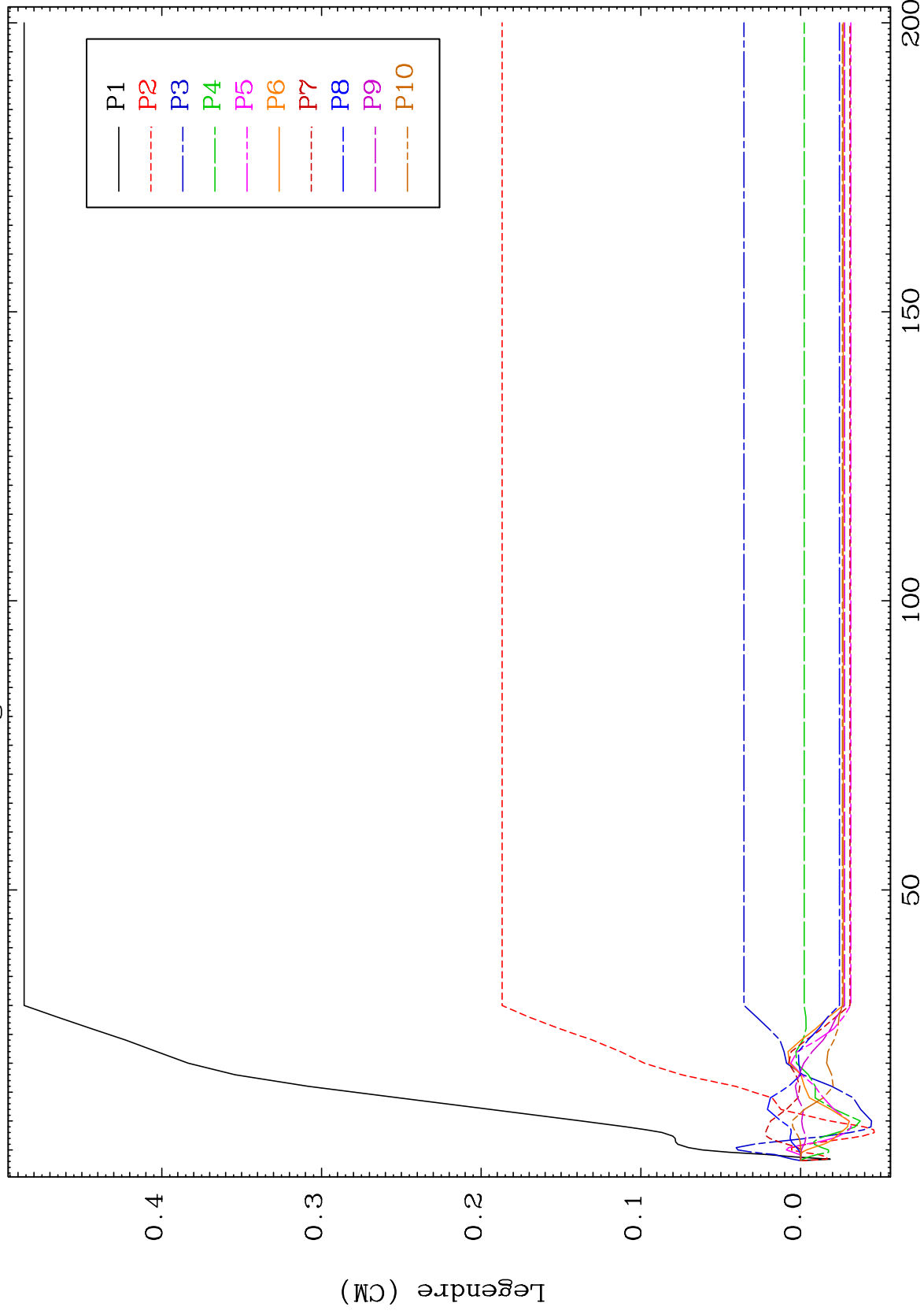
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



46

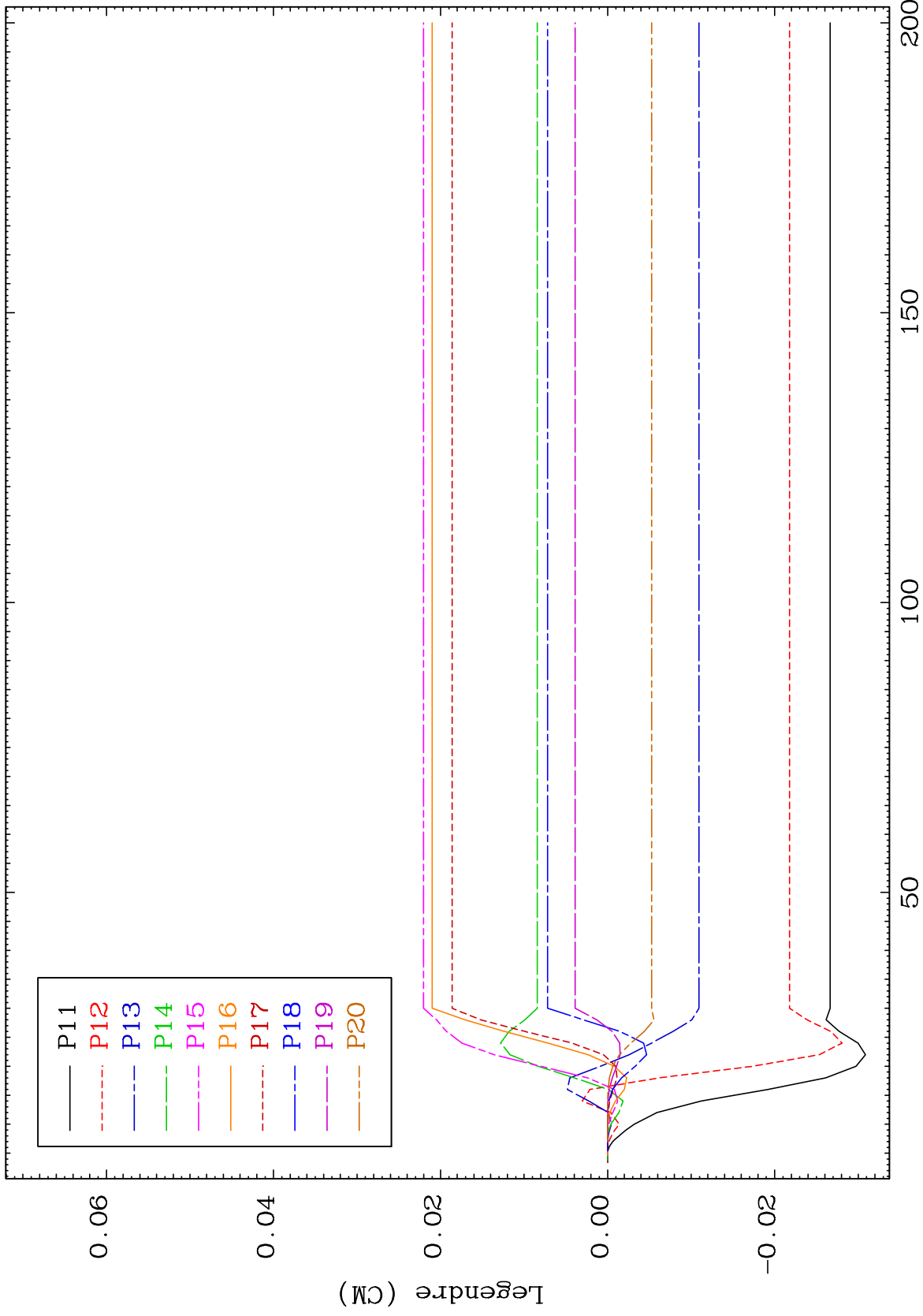
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

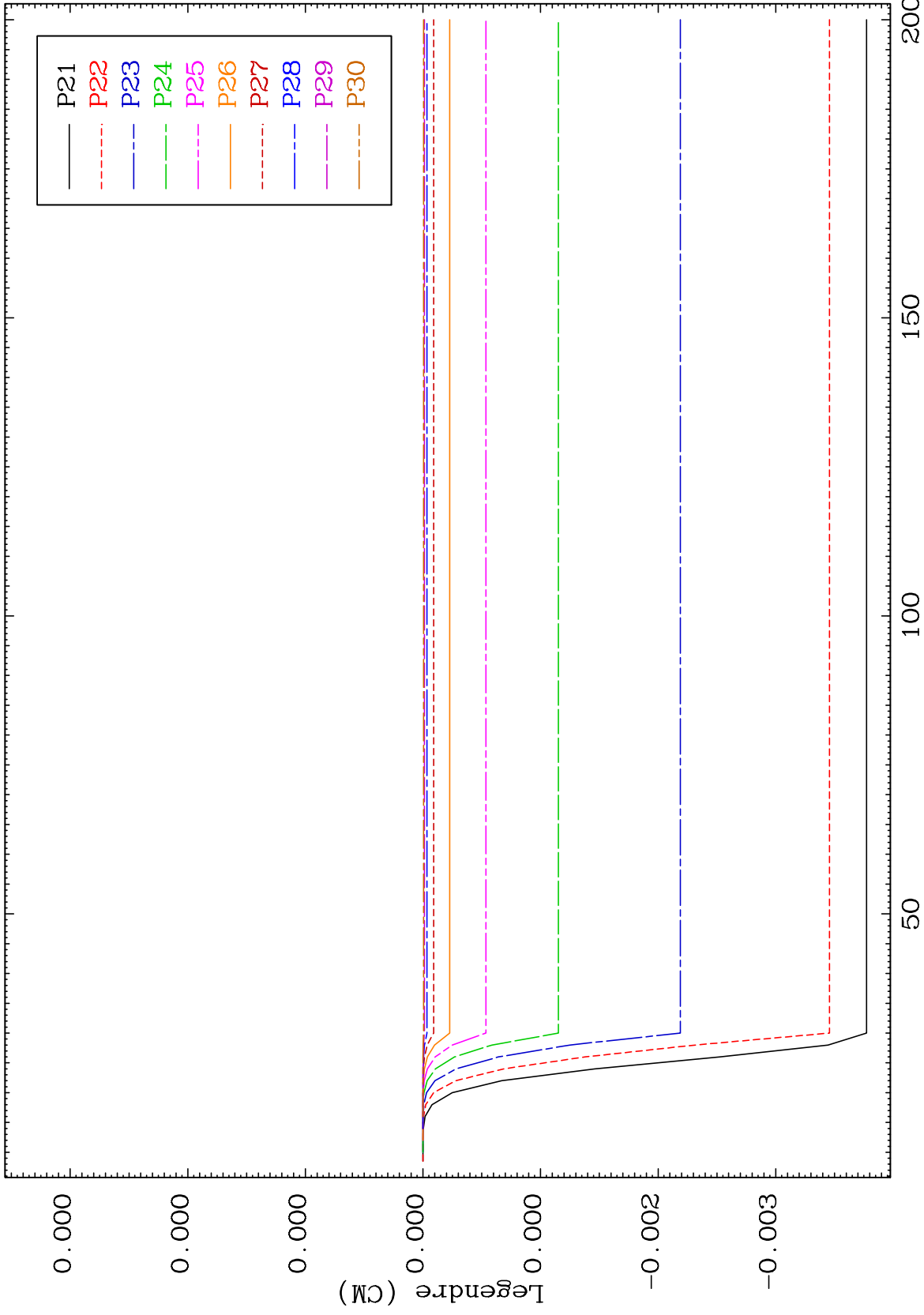
88-Ra-212



MAT 8792

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

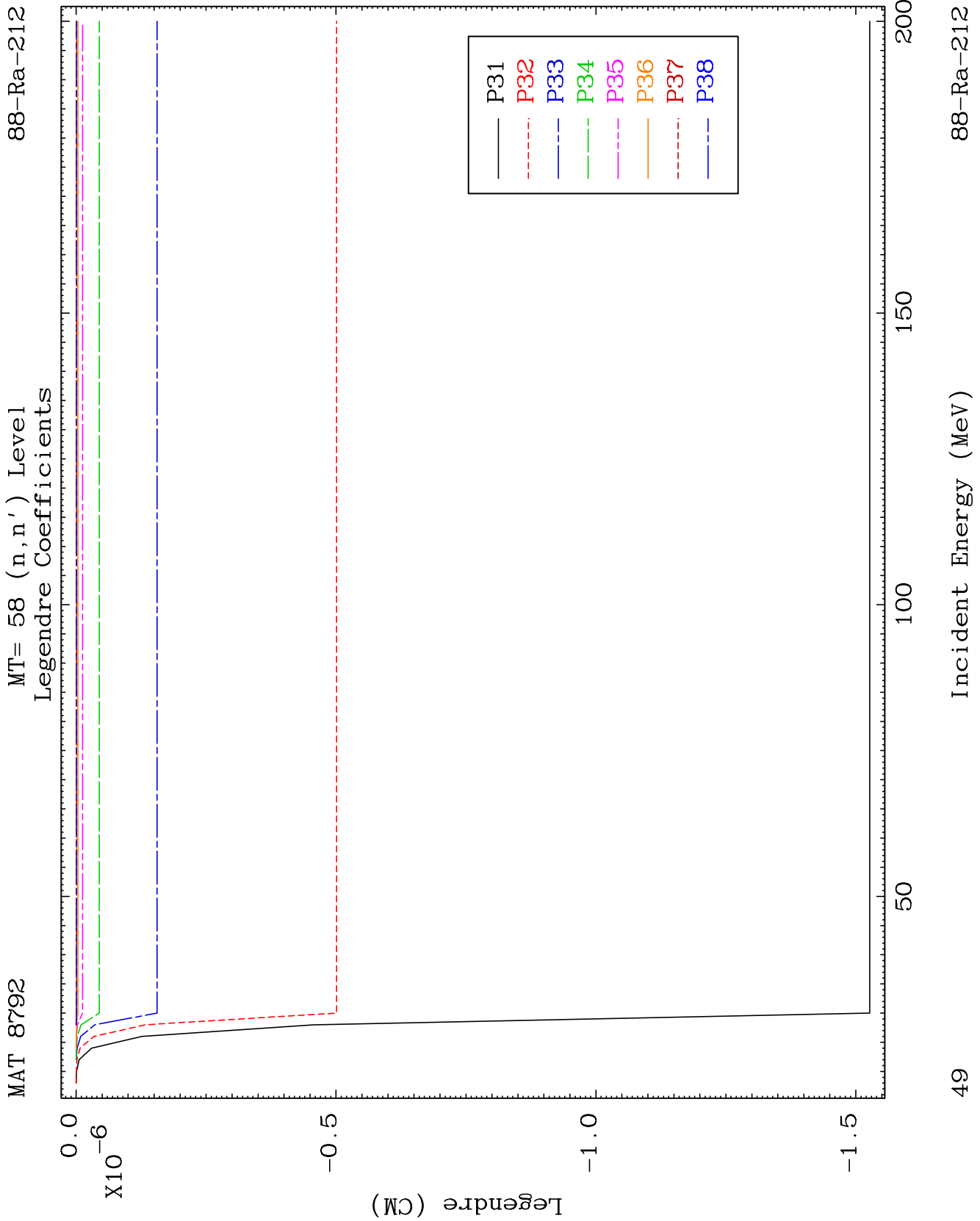
88-Ra-212



48

Incident Energy (MeV)

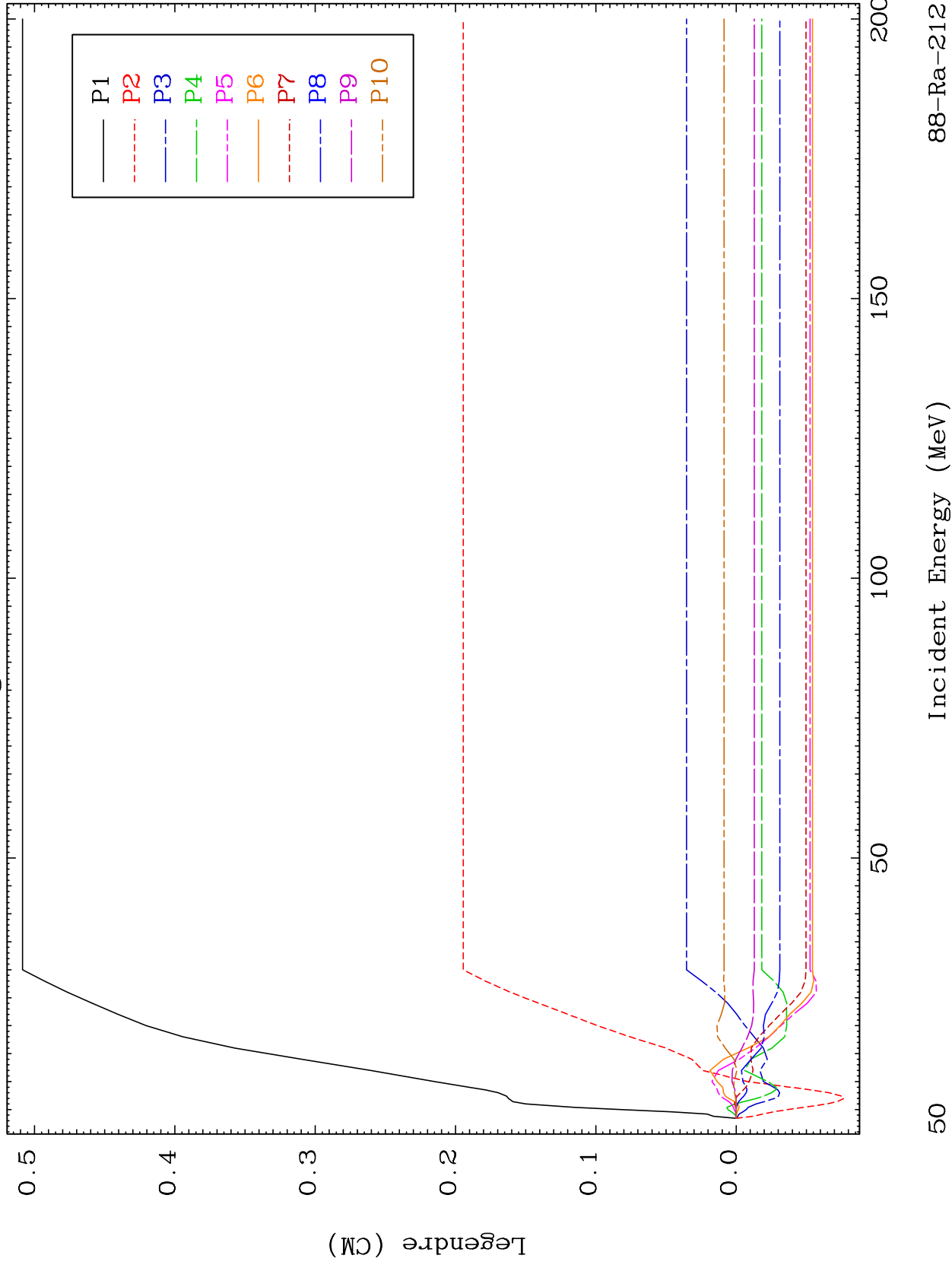
88-Ra-212



MAT 8792

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

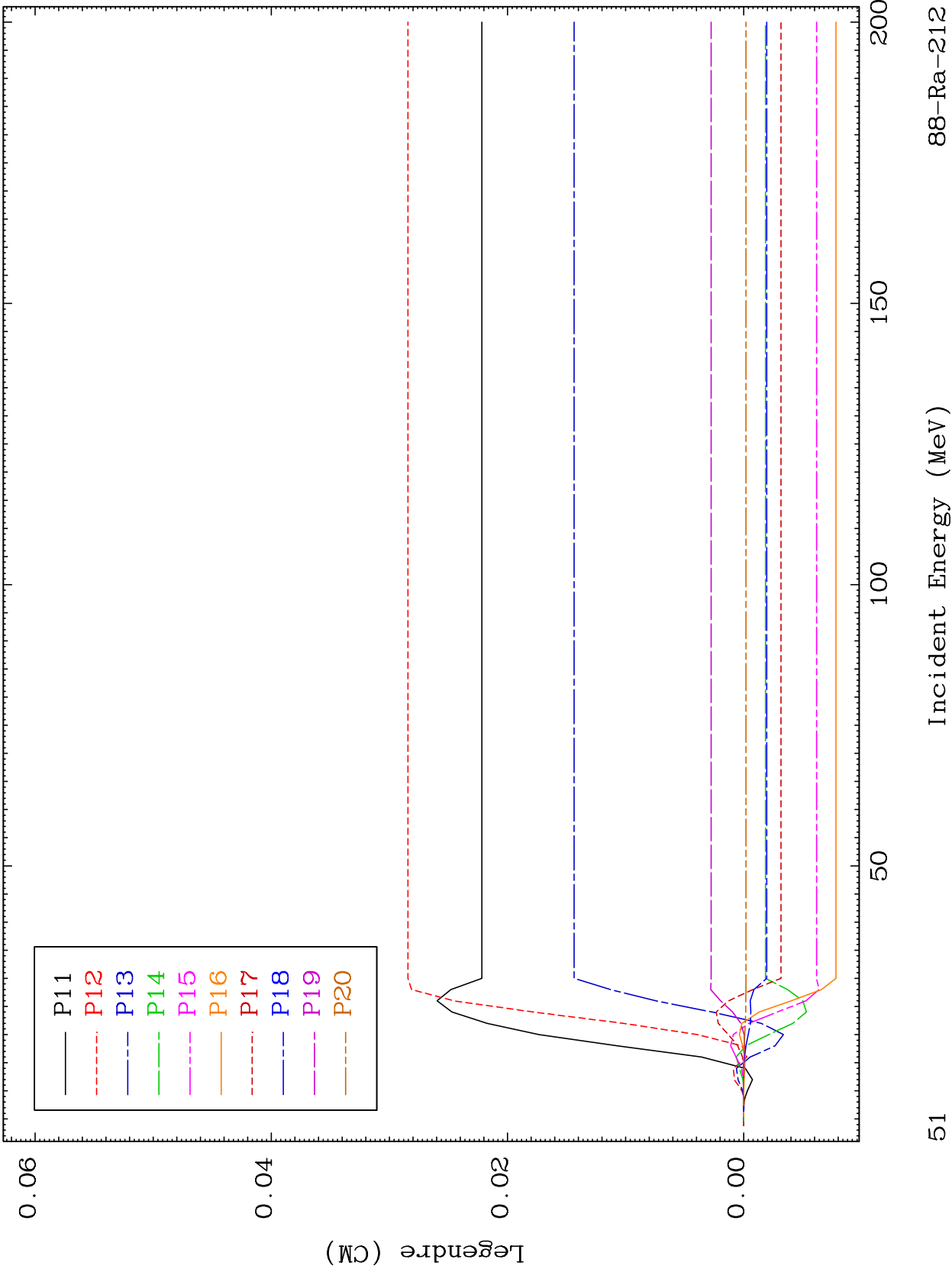
88-Ra-212



88-Ra-212

Incident Energy (MeV)

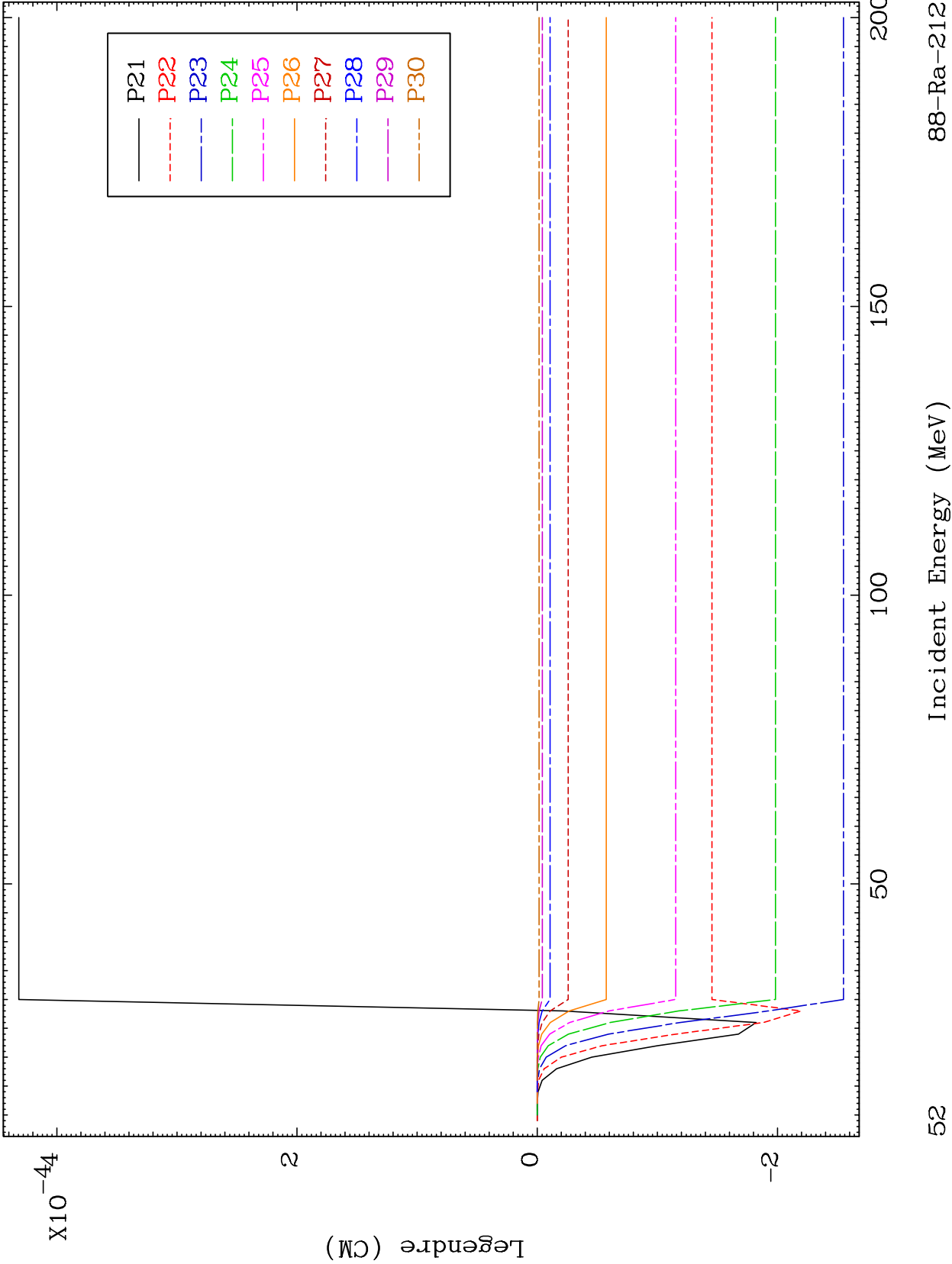
50



MAT 8792

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

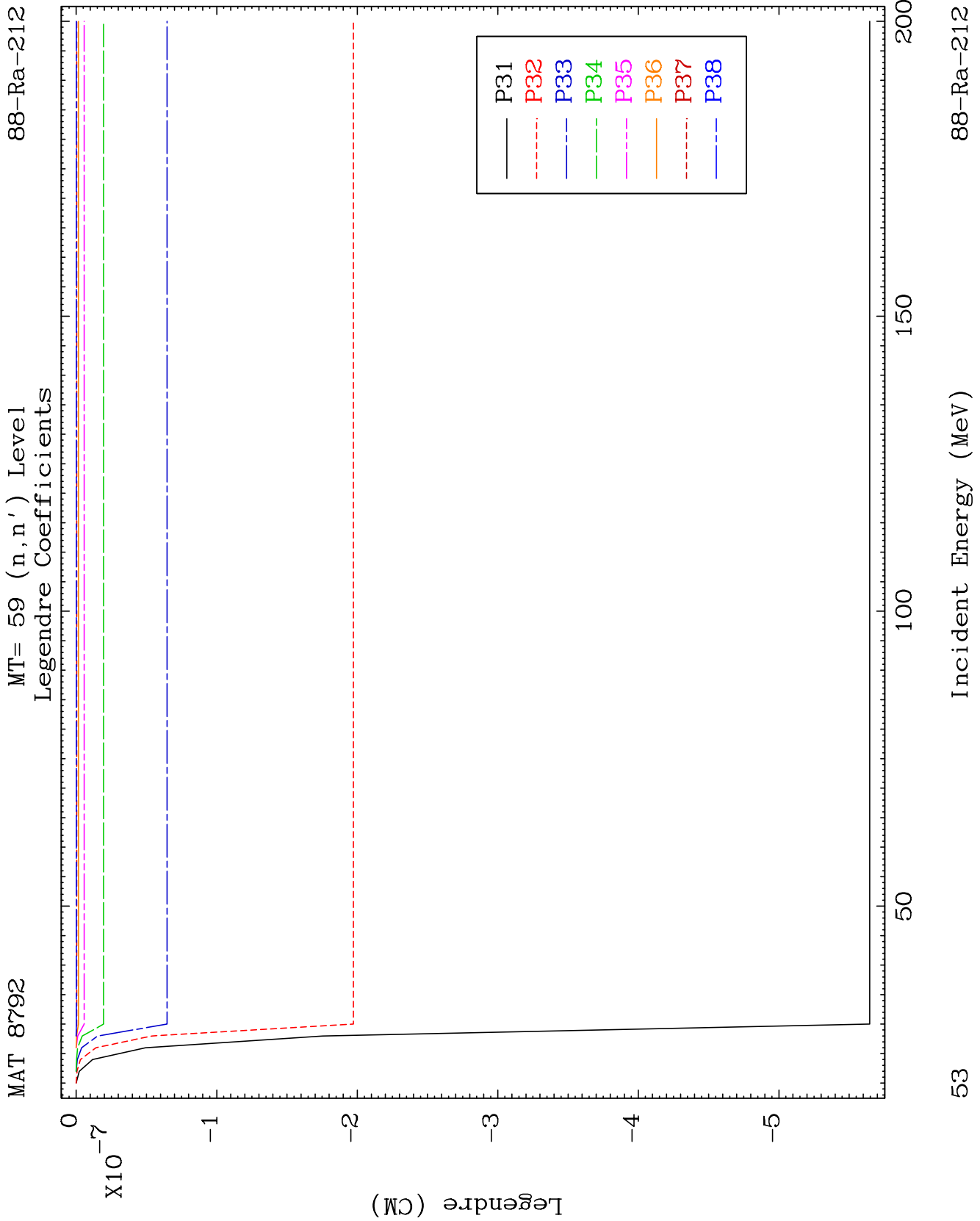
88-Ra-212



52

Incident Energy (MeV)

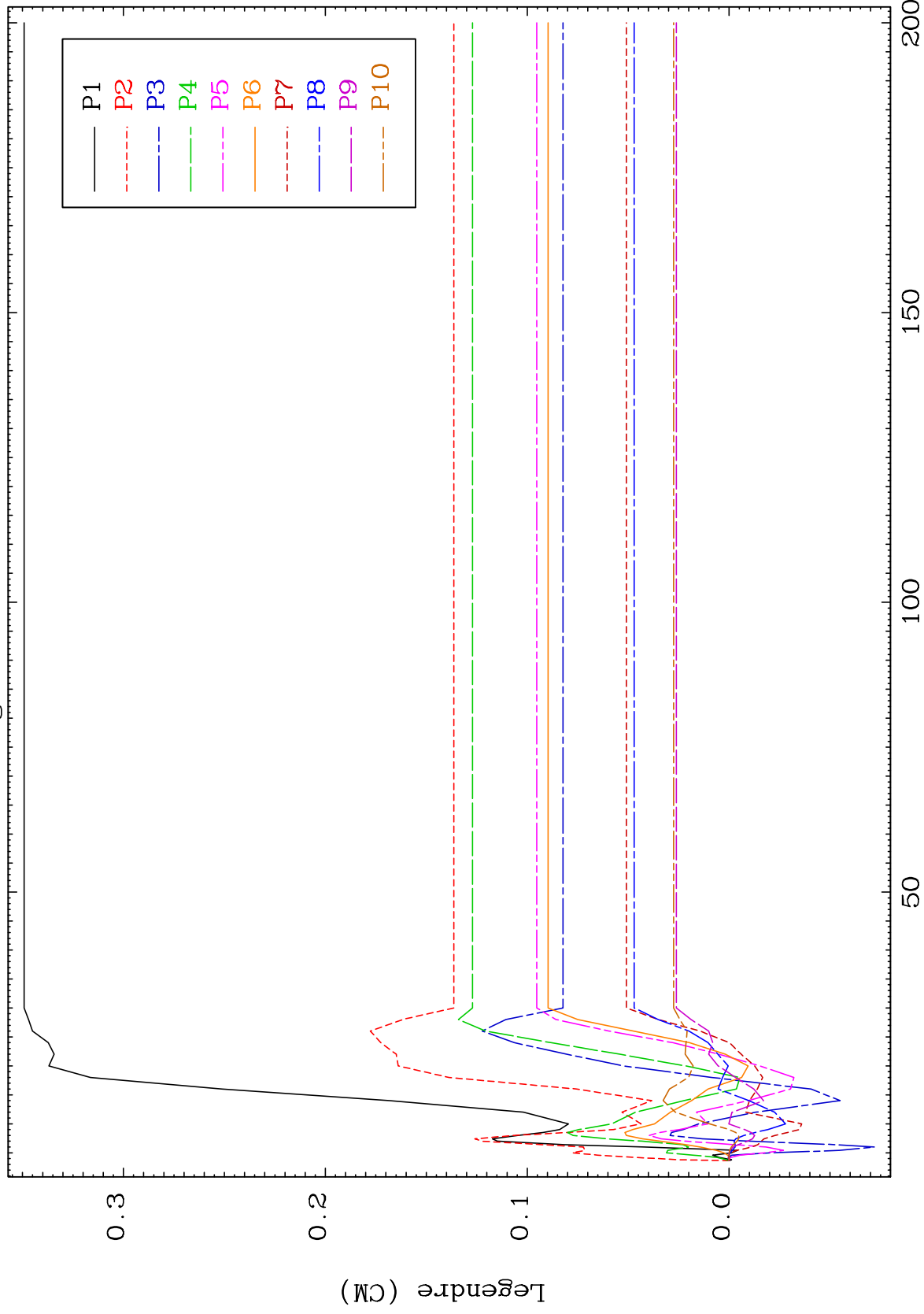
88-Ra-212



MAT 8792

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

88-Ra-212



54

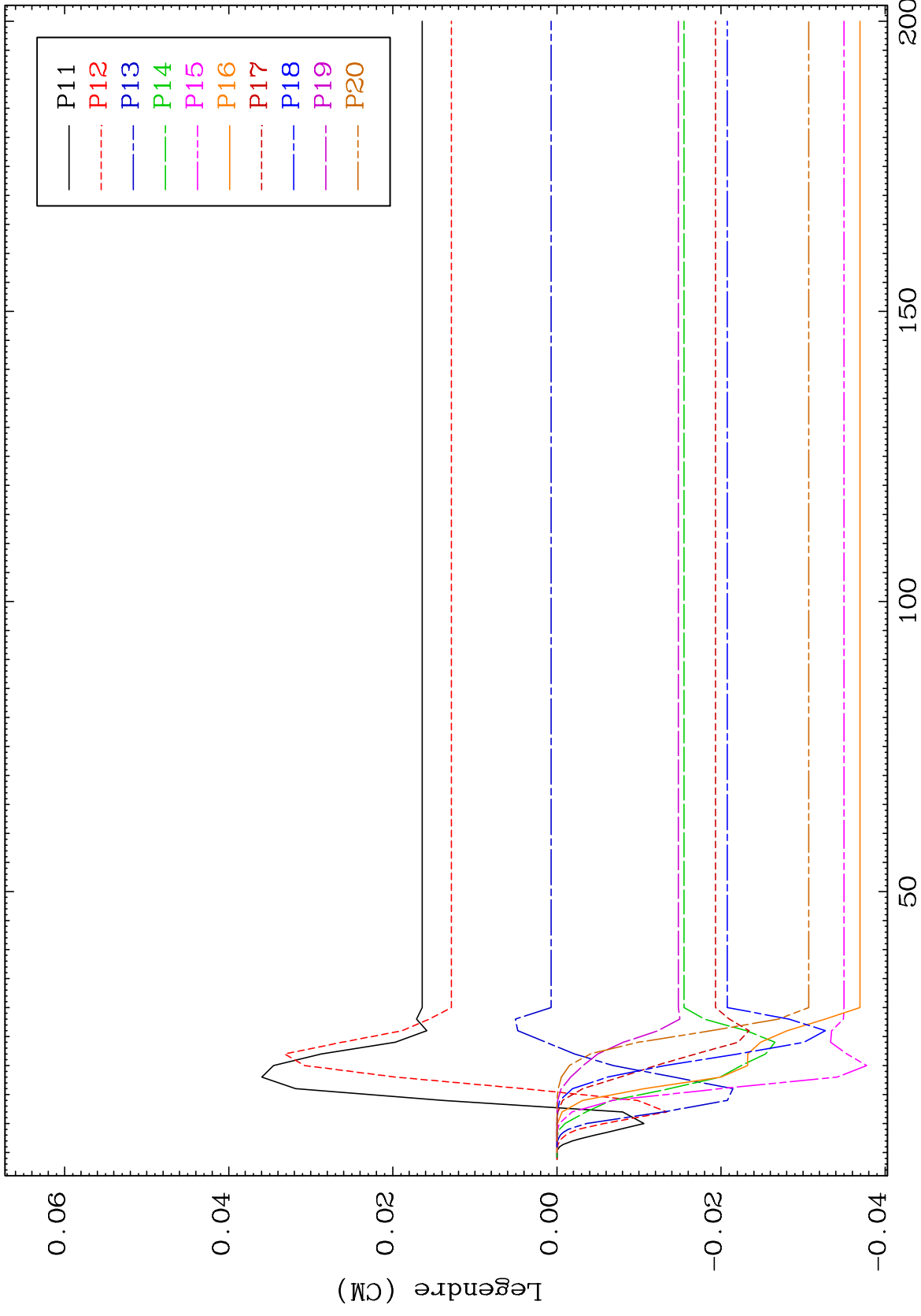
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

88-Ra-212



55

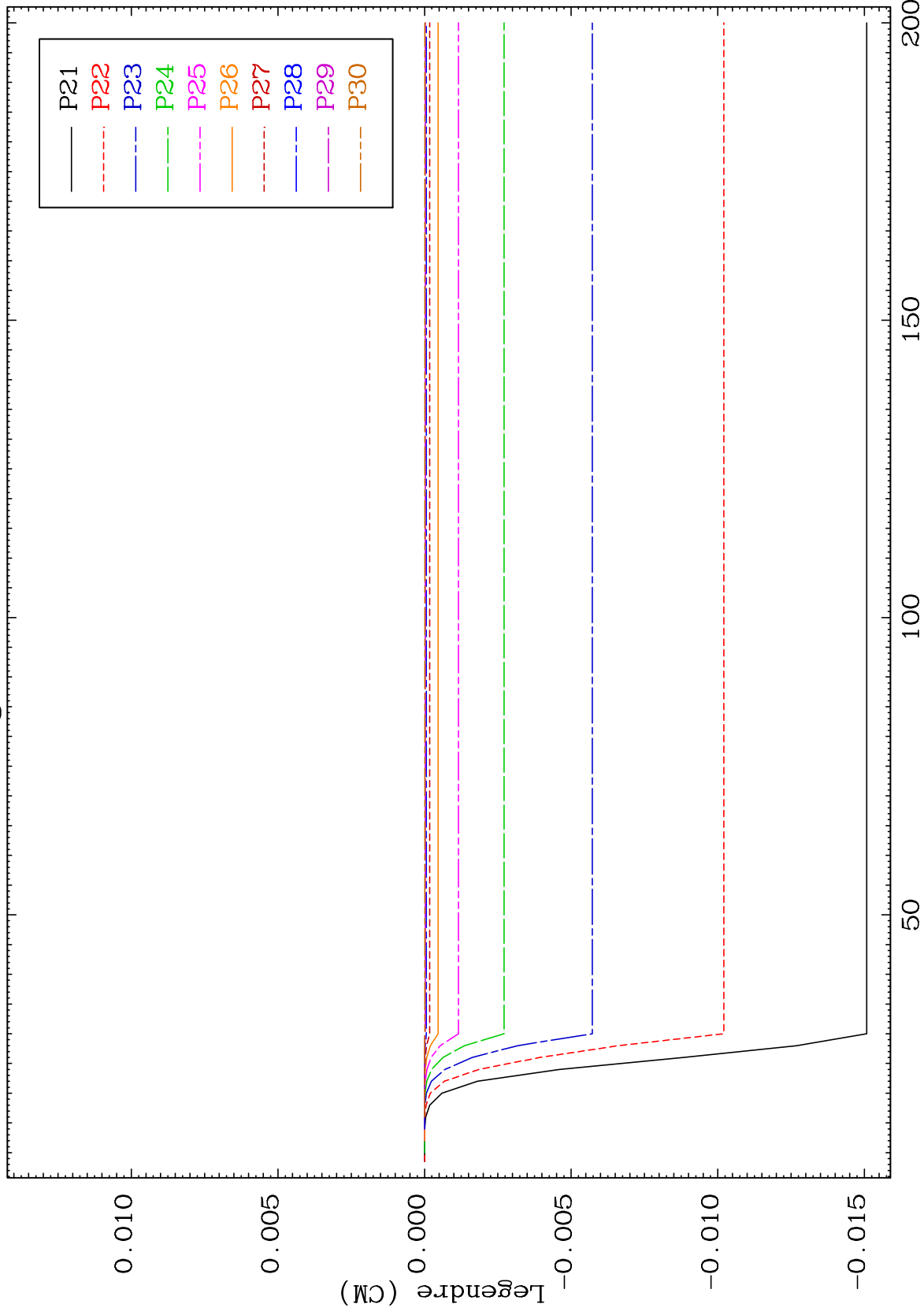
Incident Energy (MeV)

88-Ra-212

MAT 8792

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

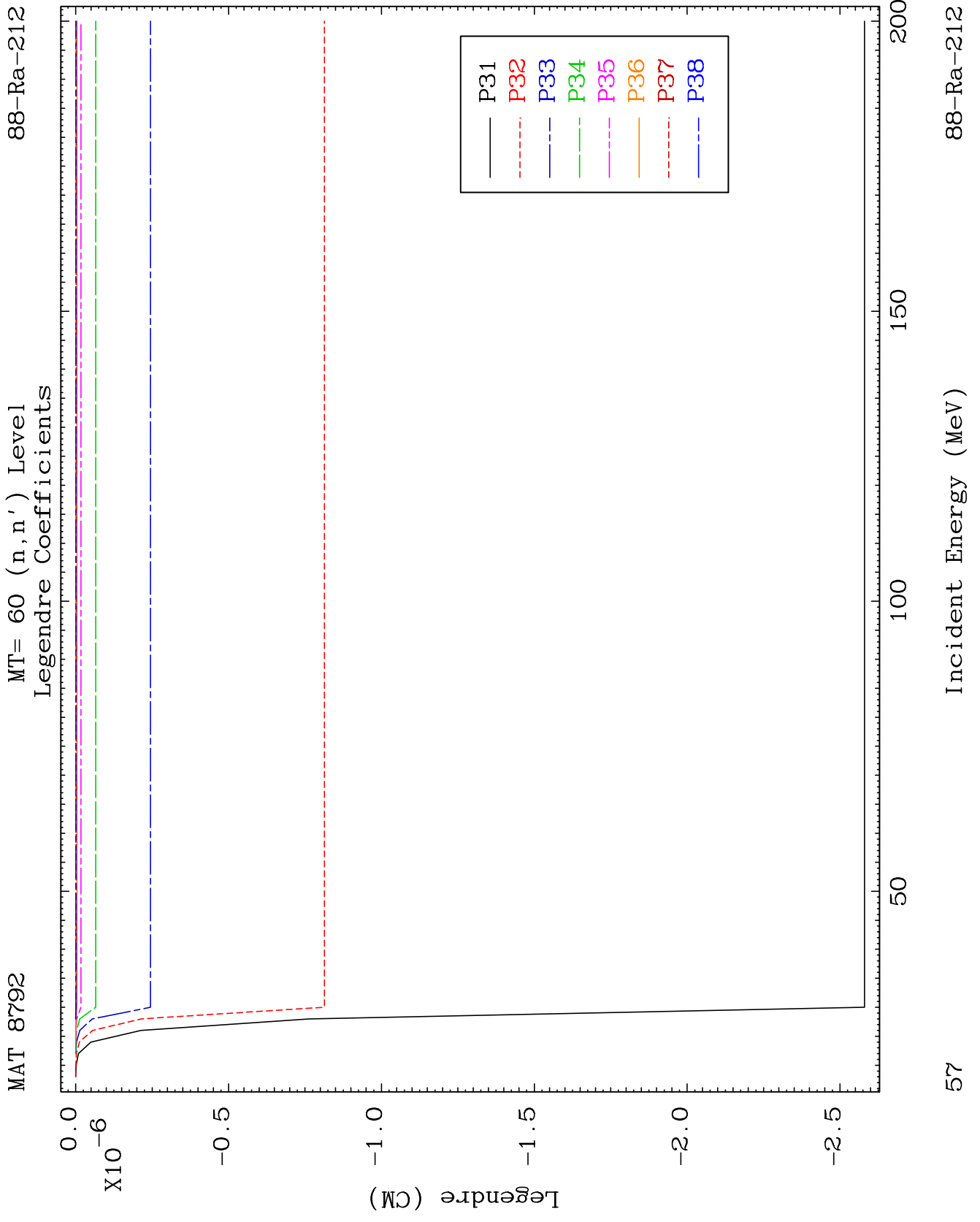
88-Ra-212



56

Incident Energy (MeV)

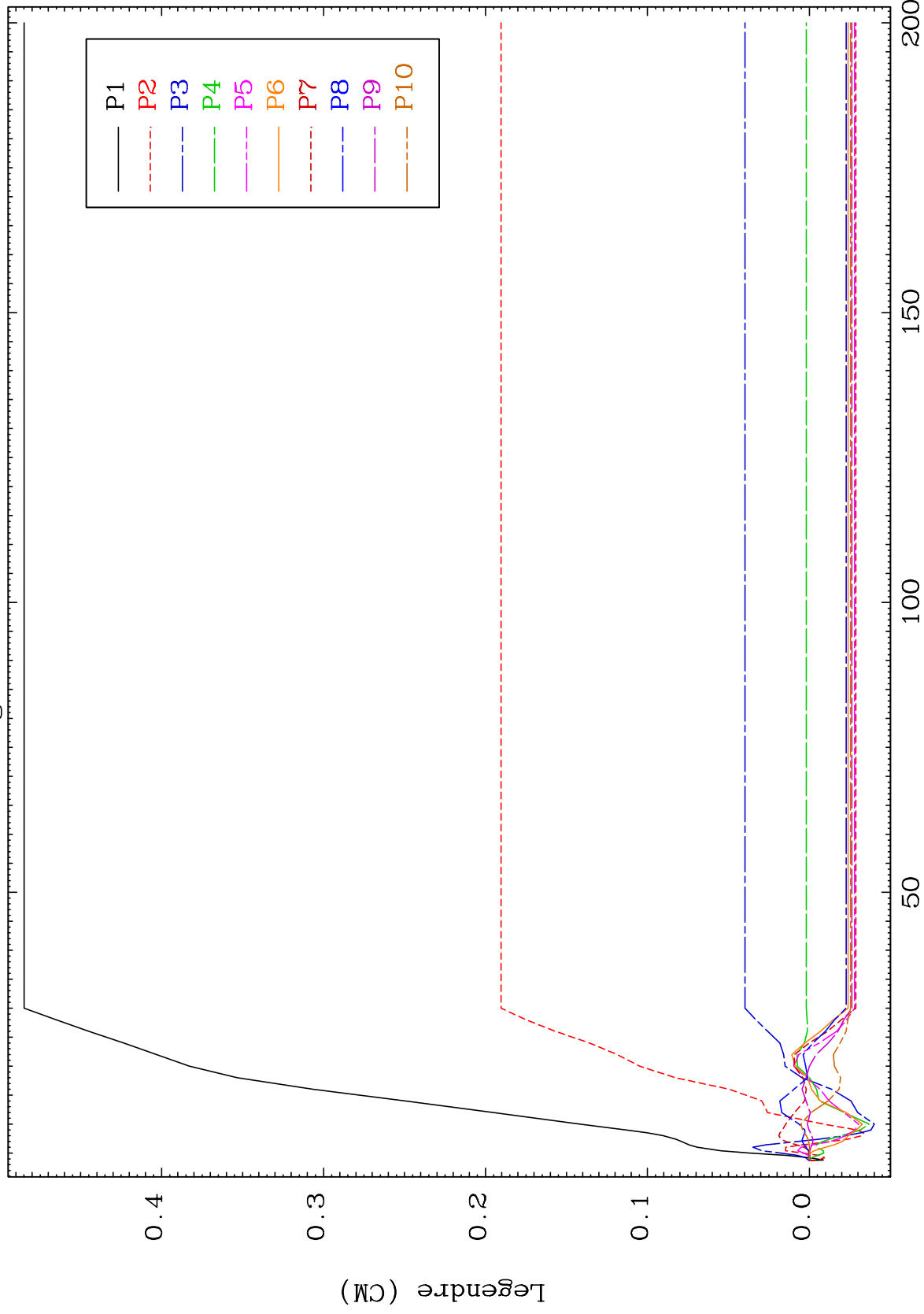
88-Ra-212



MAT 8792

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

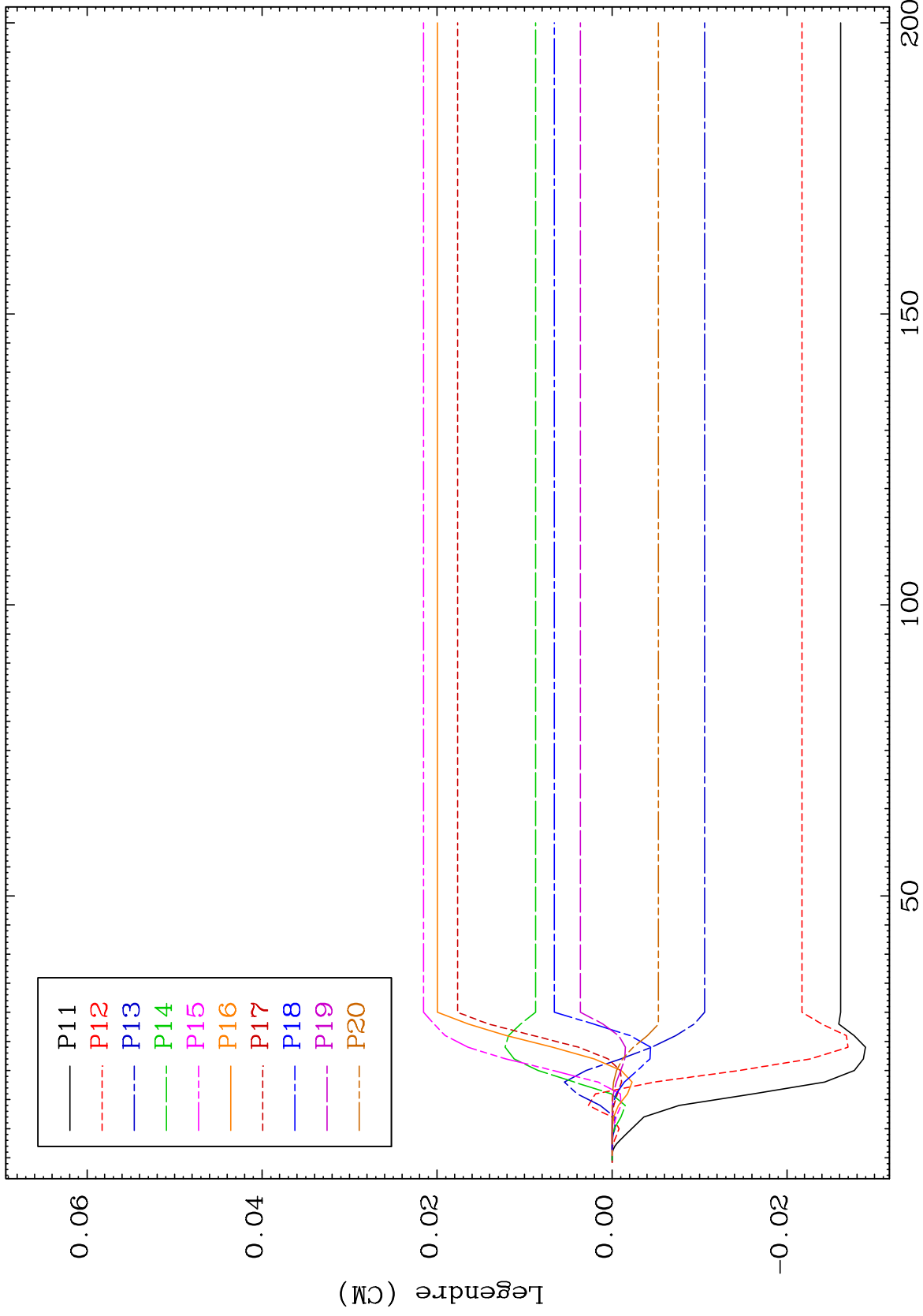
88-Ra-212



58

Incident Energy (MeV)

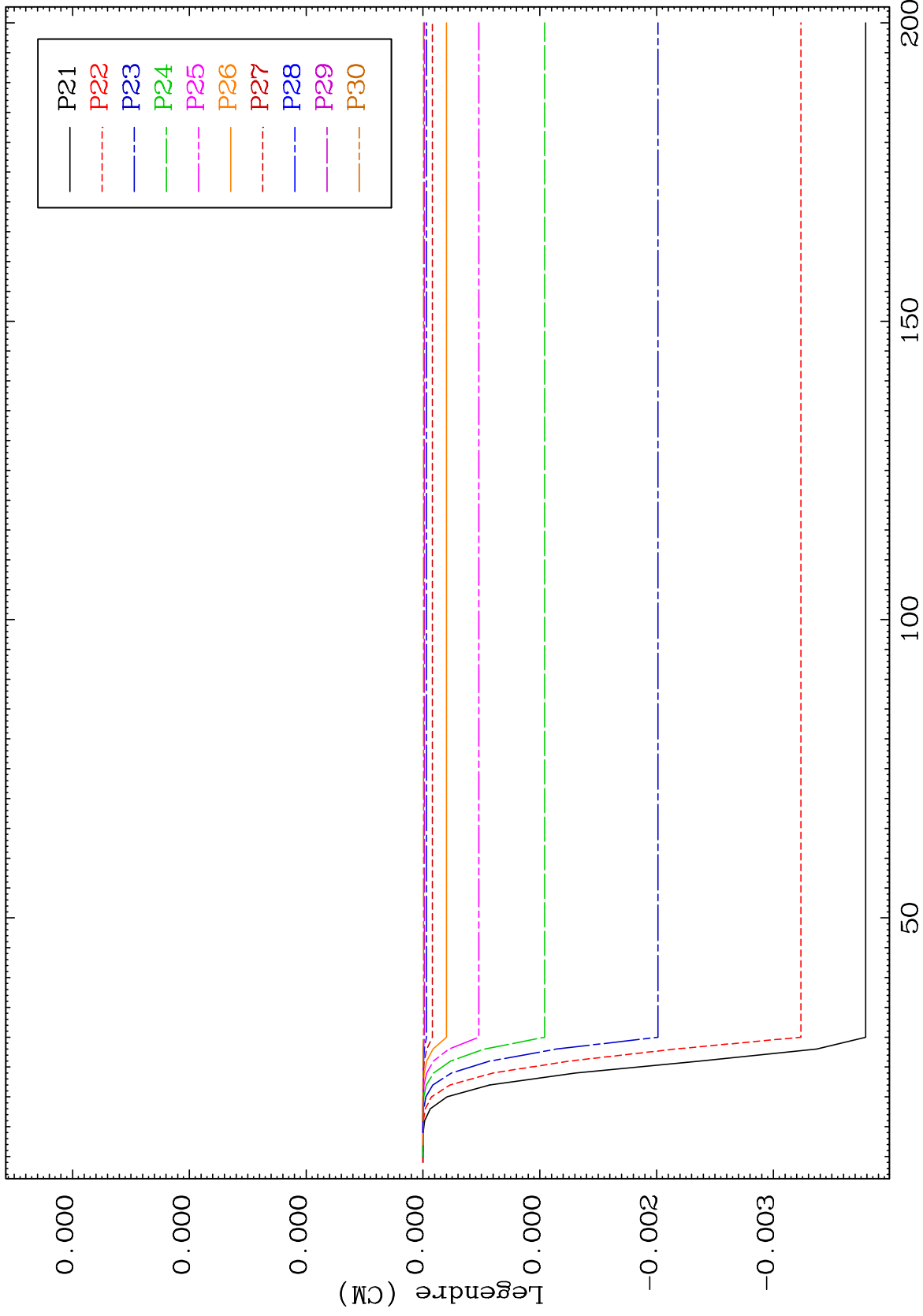
88-Ra-212



MAT 8792

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

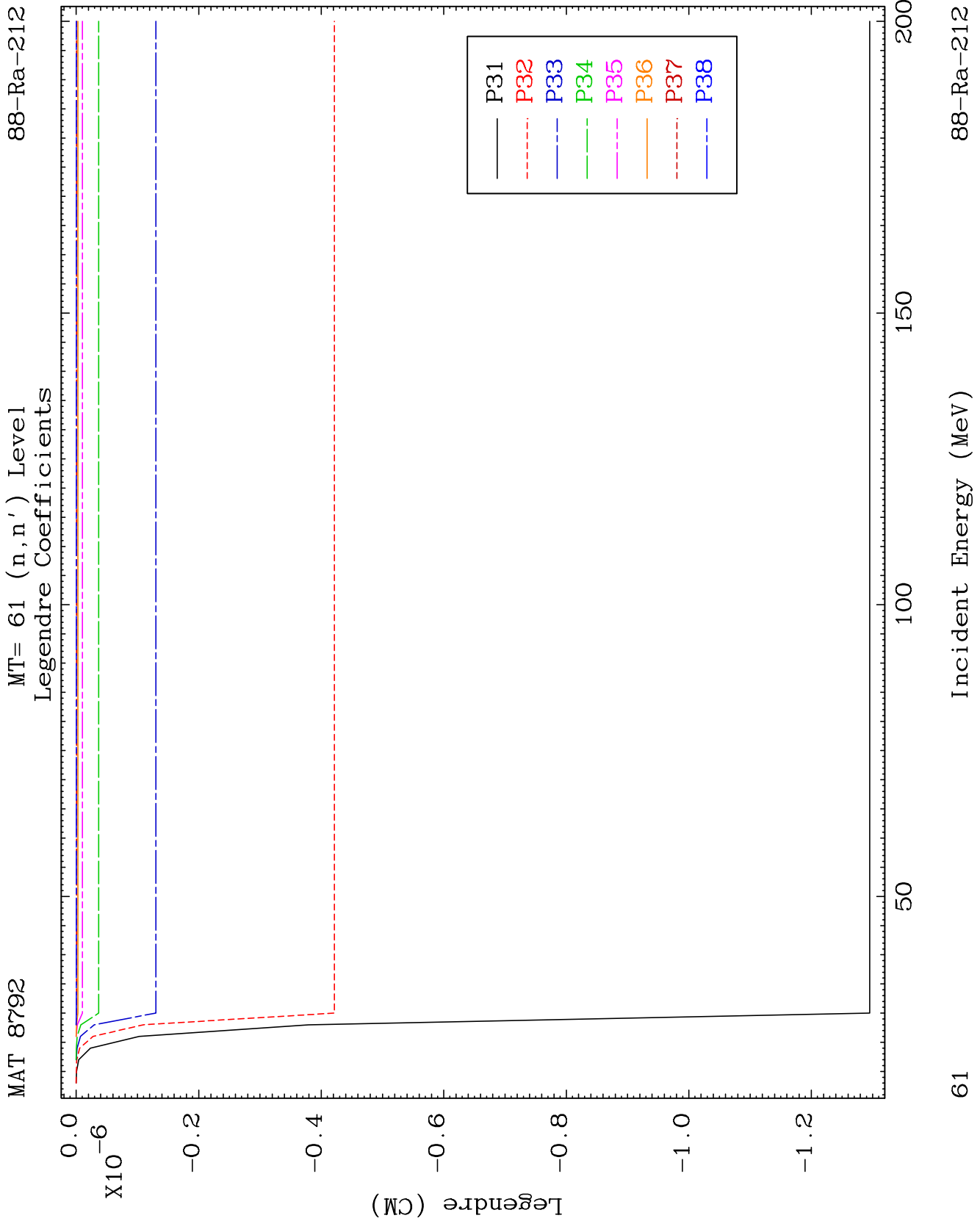
88-Ra-212



60

Incident Energy (MeV)

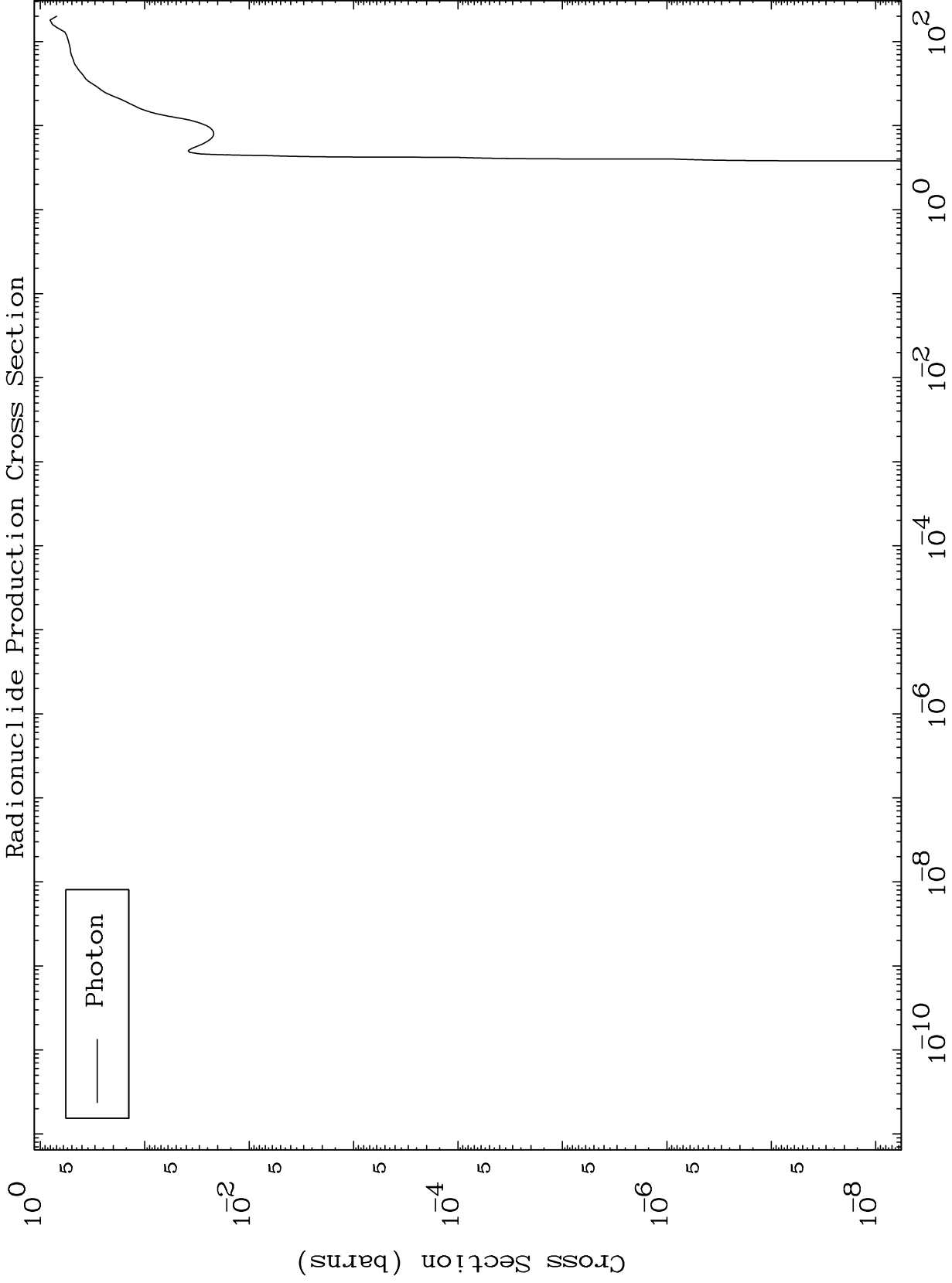
88-Ra-212



MAT 8792

Fission
Radionuclide Production Cross Section

88-Ra-212



62

Incident Energy (MeV)

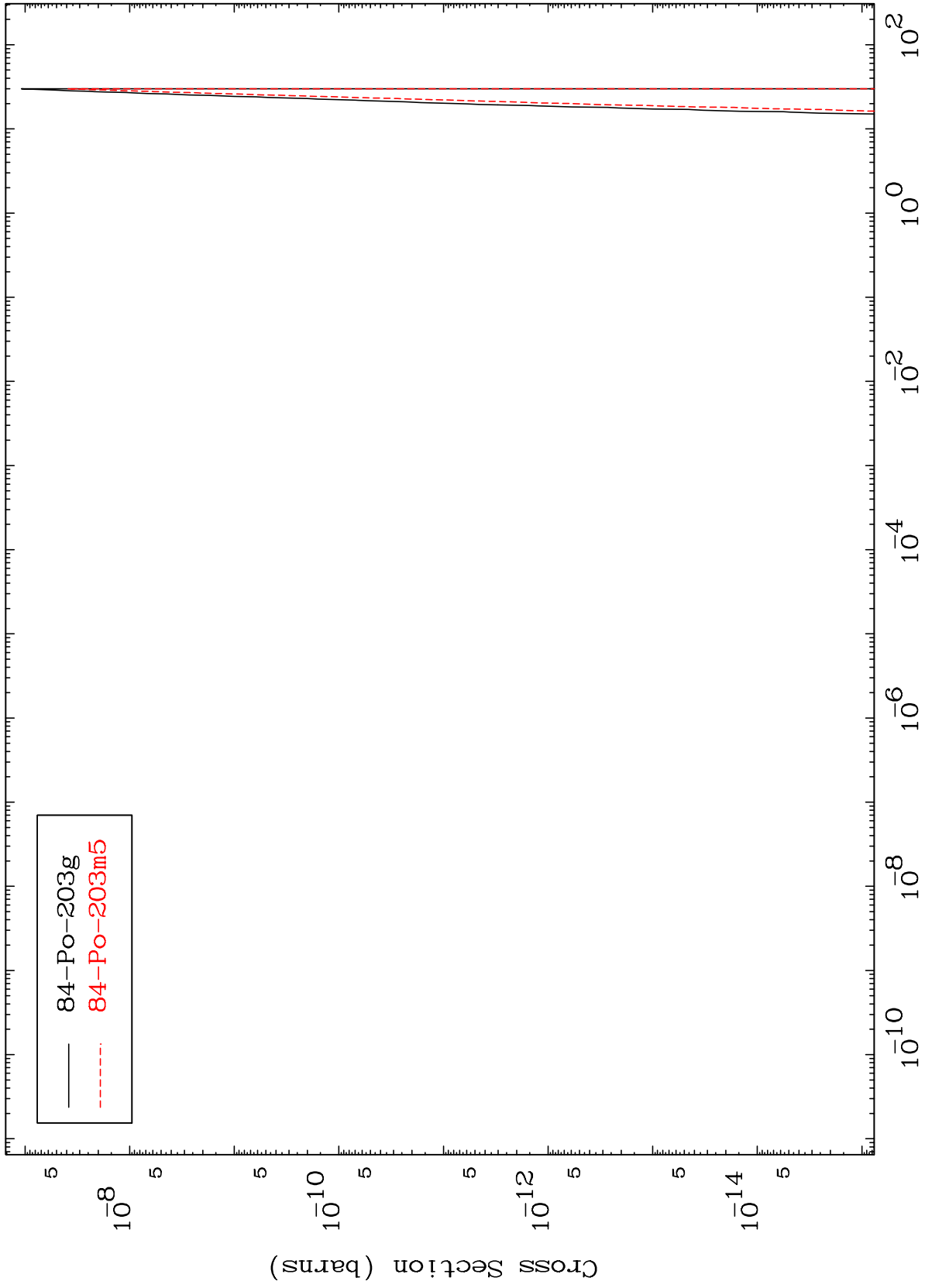
88-Ra-212

MAT 8792

$(n,2n) 2\alpha$

88-Ra-212

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

63

Incident Energy (MeV)

88-Ra-212