

Program EVALPLOT
(Version 2015-2)

by

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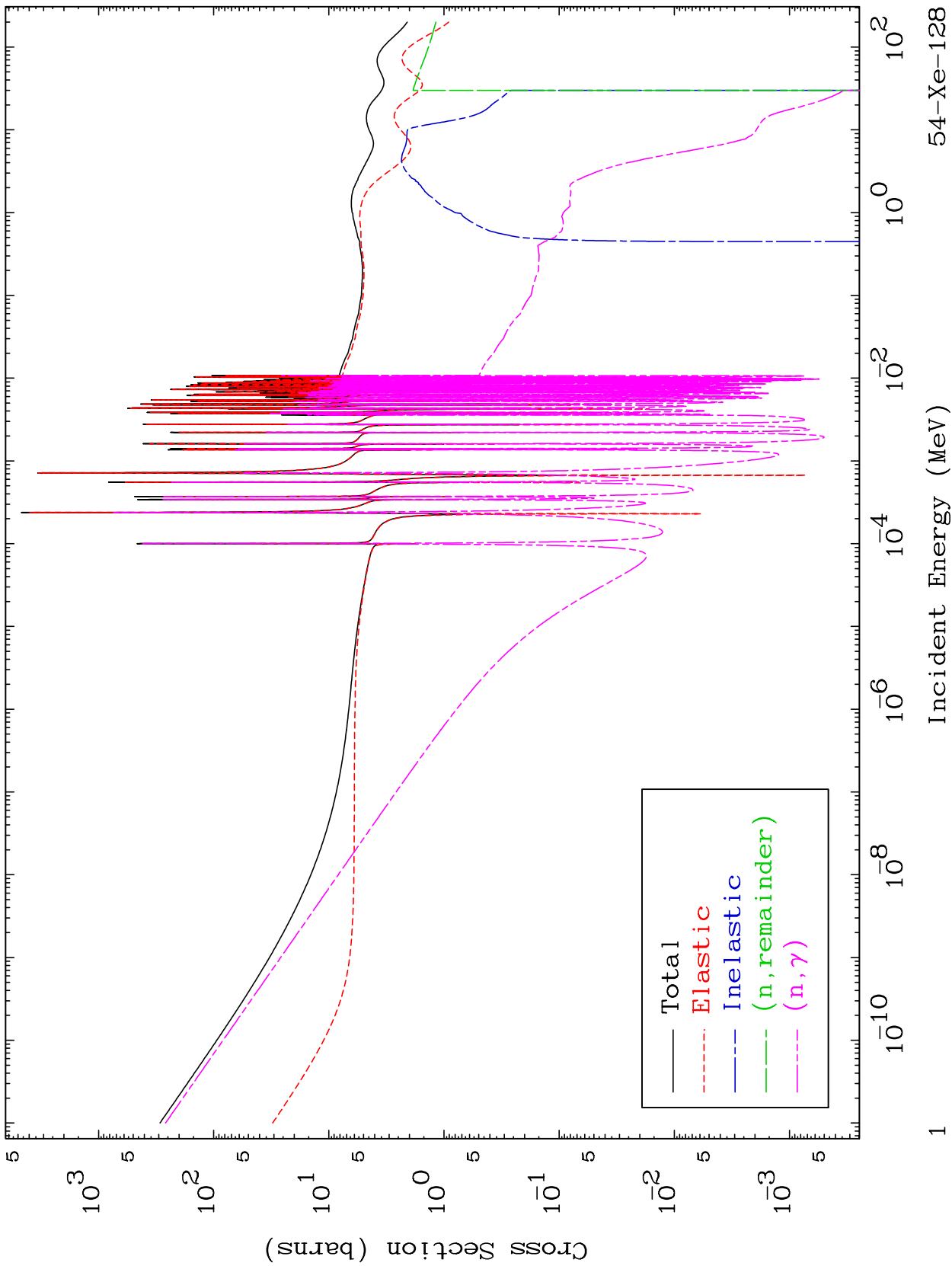
Press Mouse Button to Start

MAT 5437

Major

293 Kelvin Cross Sections

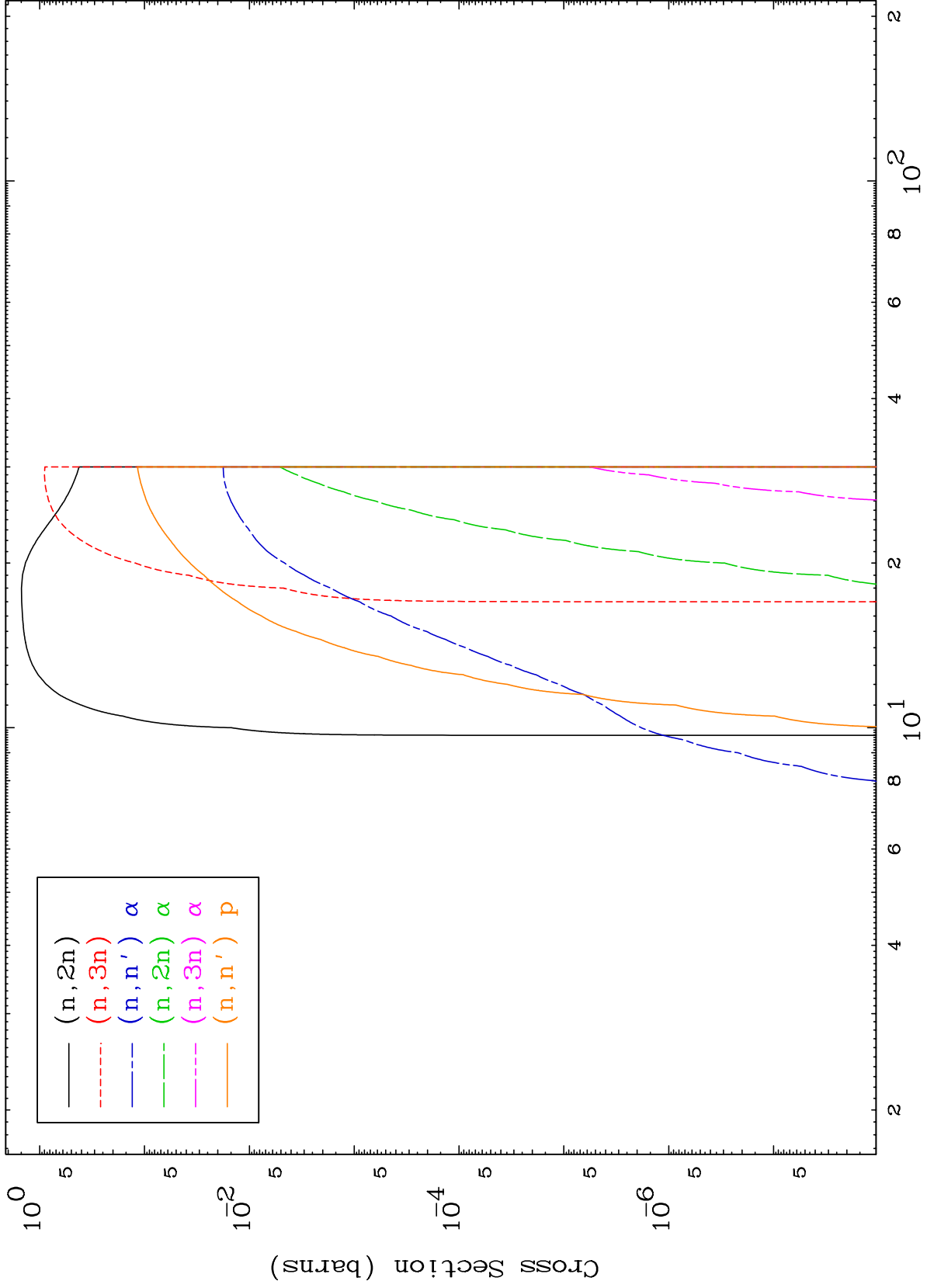
54-Xe-128



MAT 5437

Neutron Production
293 Kelvin Cross Sections

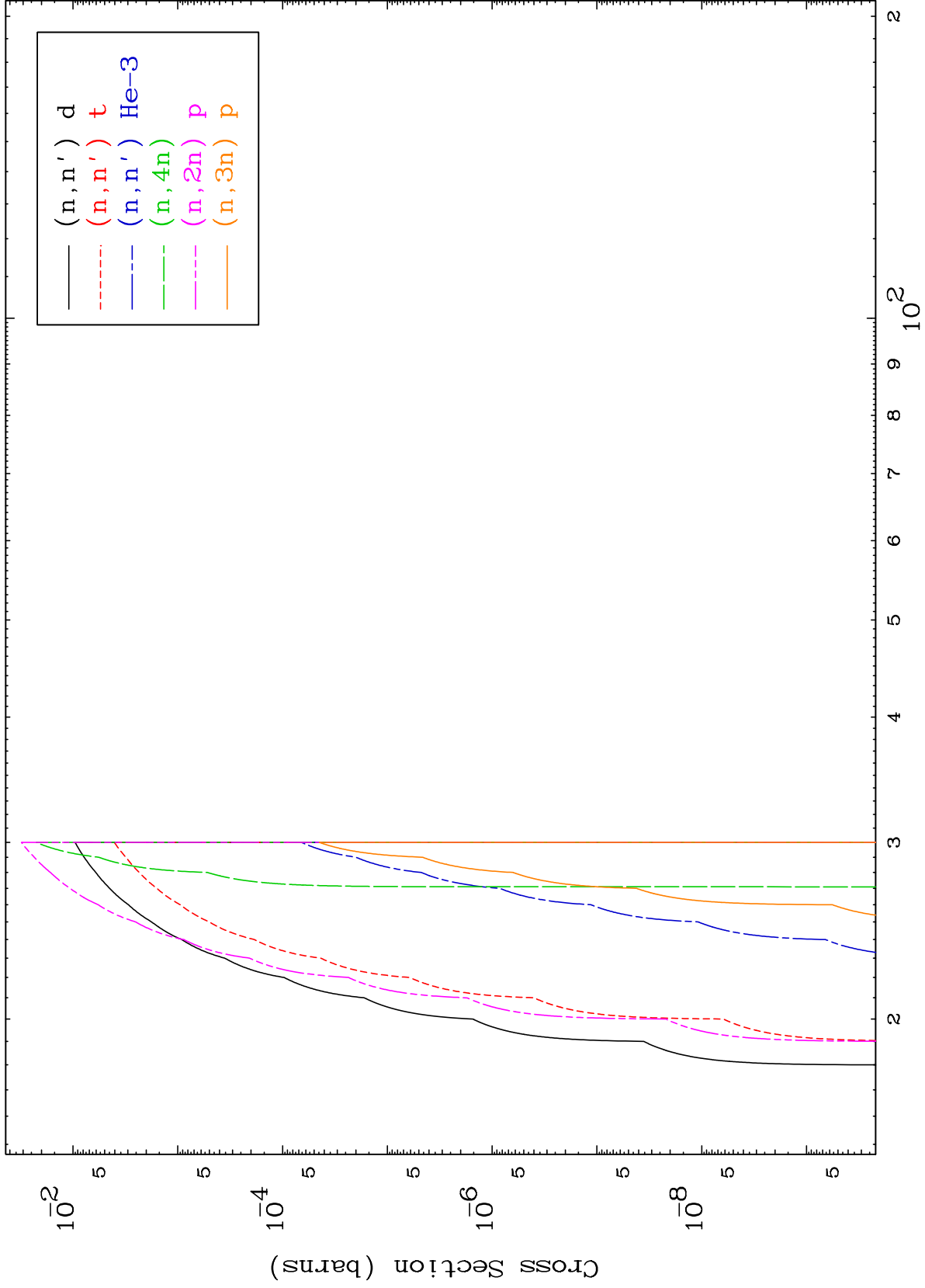
54-Xe-128



2

Incident Energy (MeV)

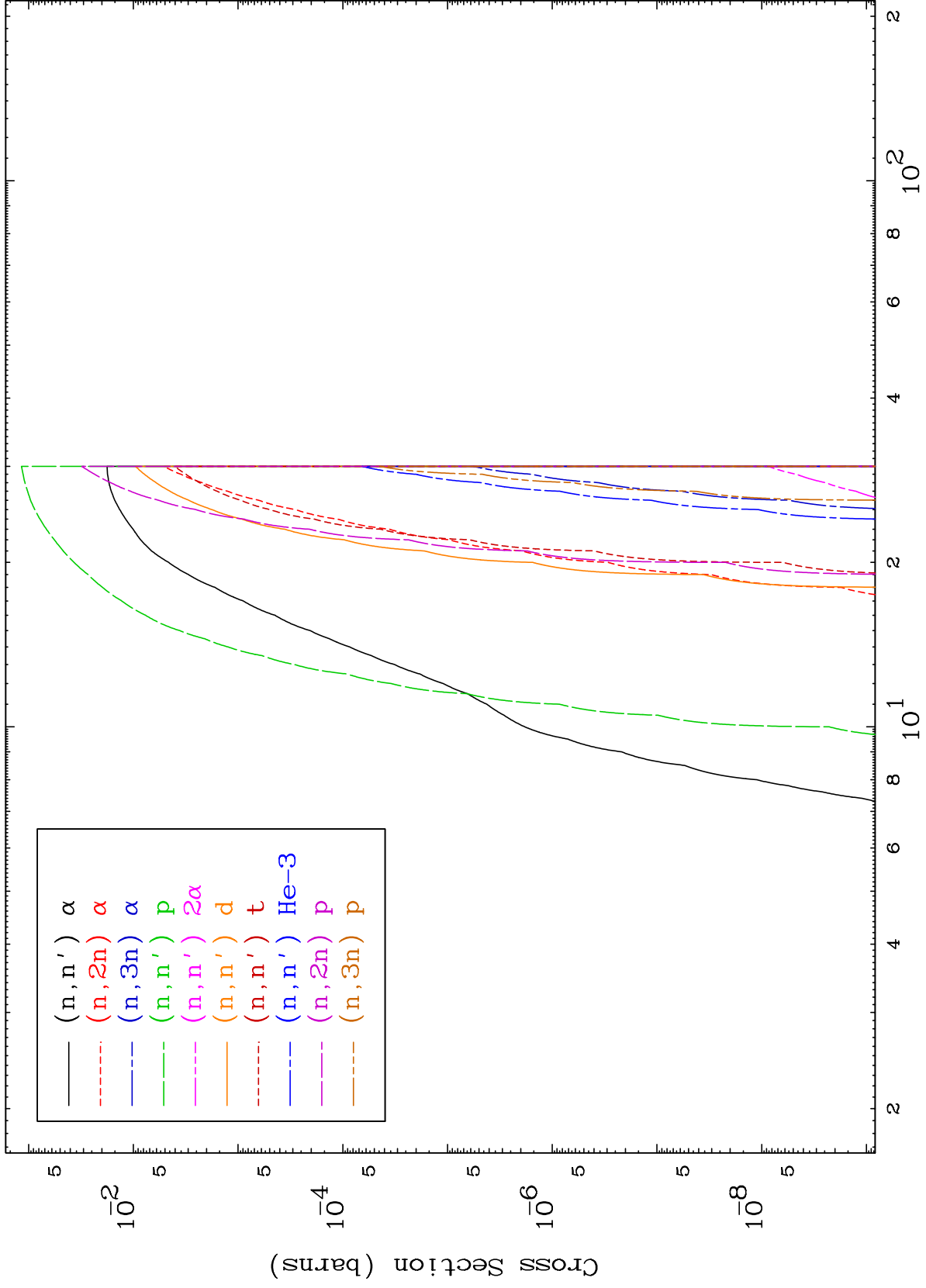
54-Xe-128

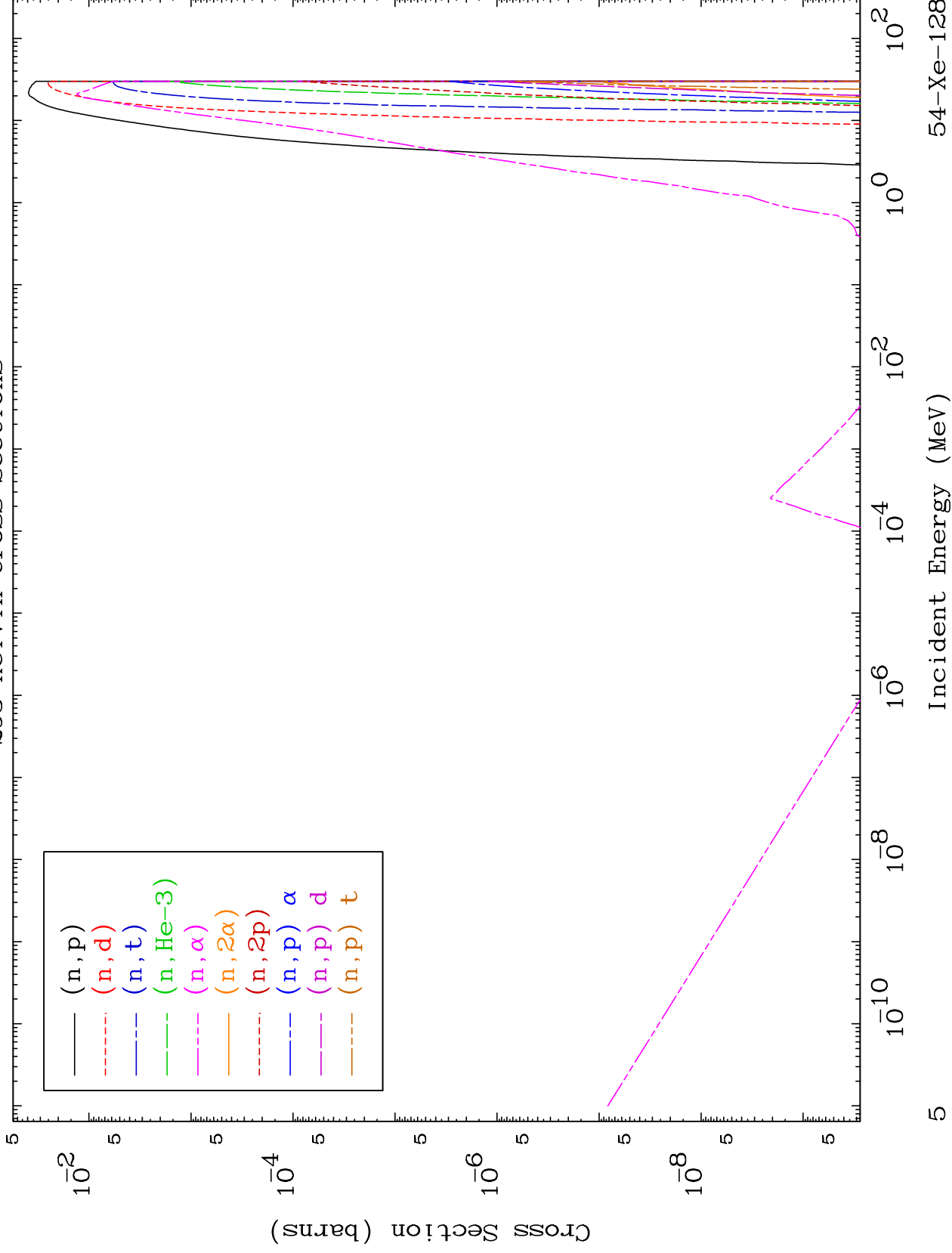


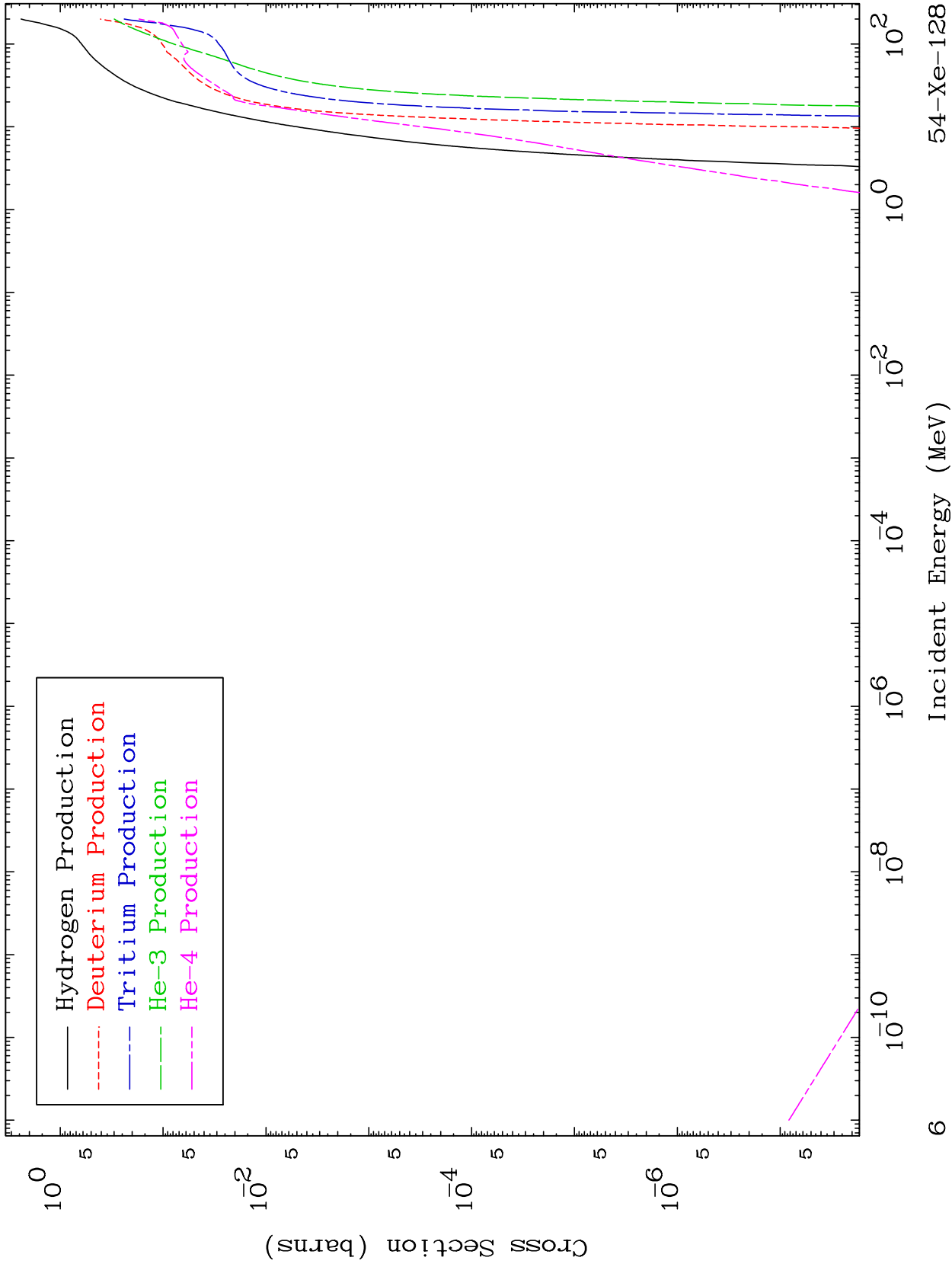
MAT 5437

Charged Particle
293 Kelvin Cross Sections

54-Xe-128



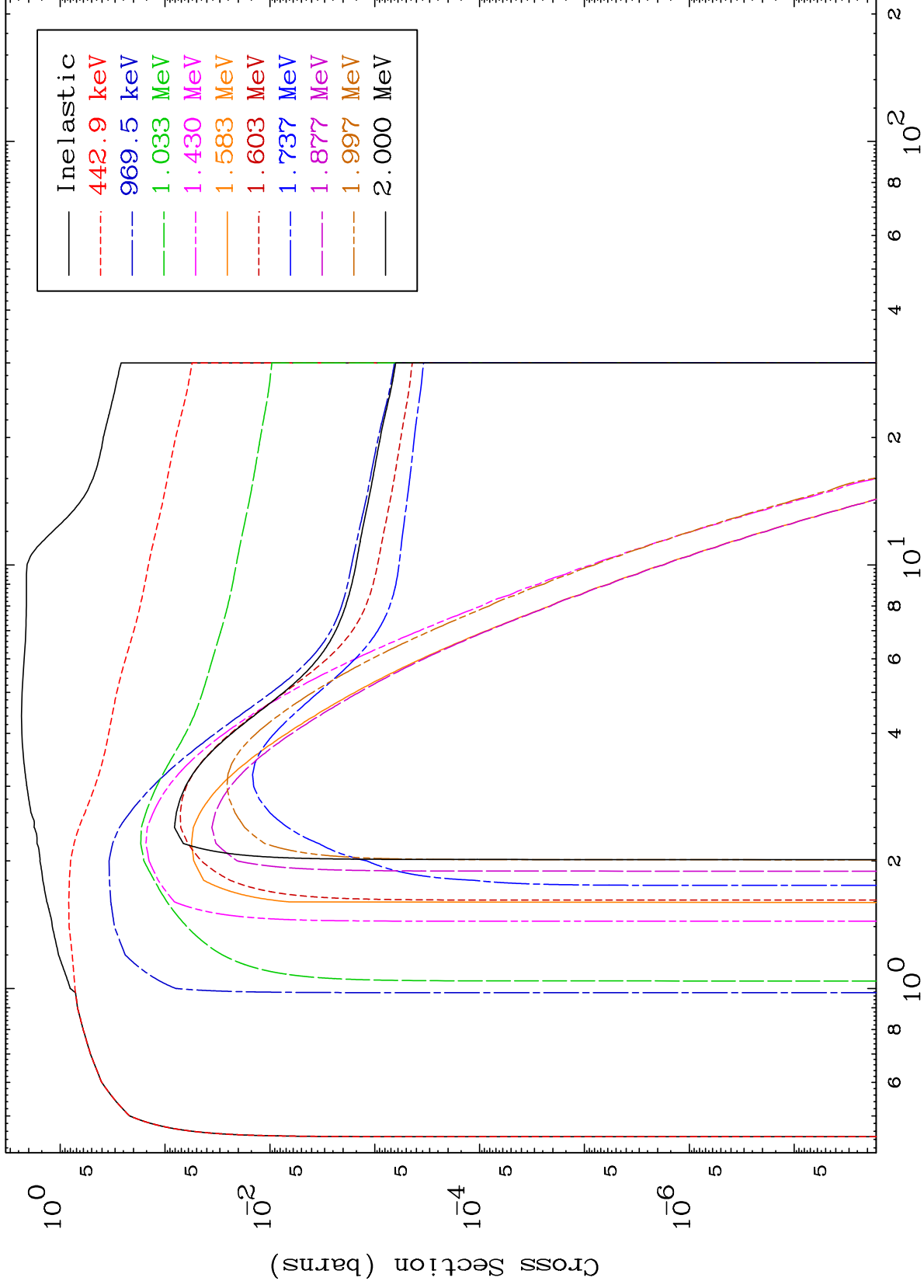




MAT 5437

(n,n') Level
293 Kelvin Cross Sections

54-Xe-128

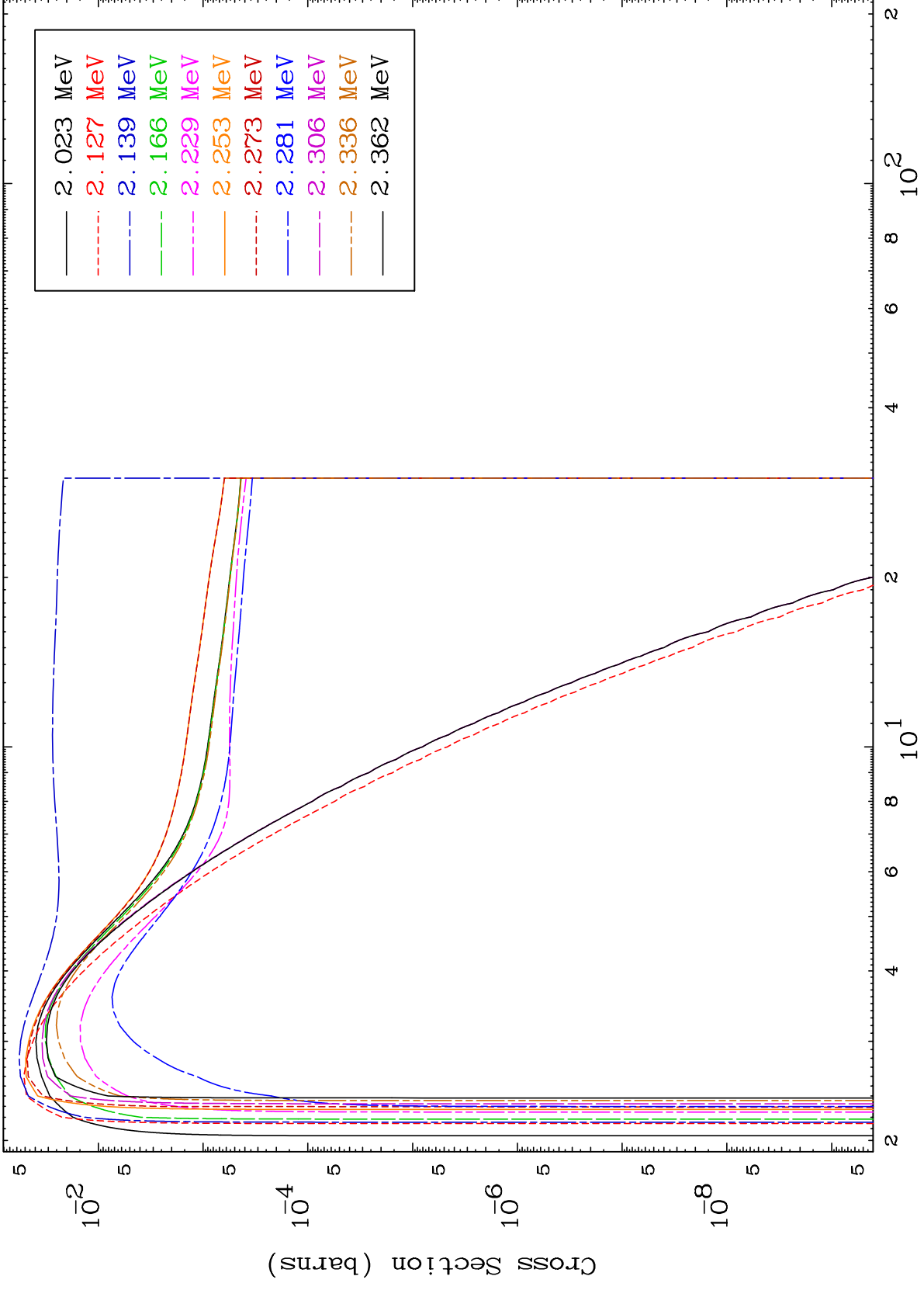


MAT 5437

(n,n') Level

54-Xe-128

293 Kelvin Cross Sections



8

Incident Energy (MeV)

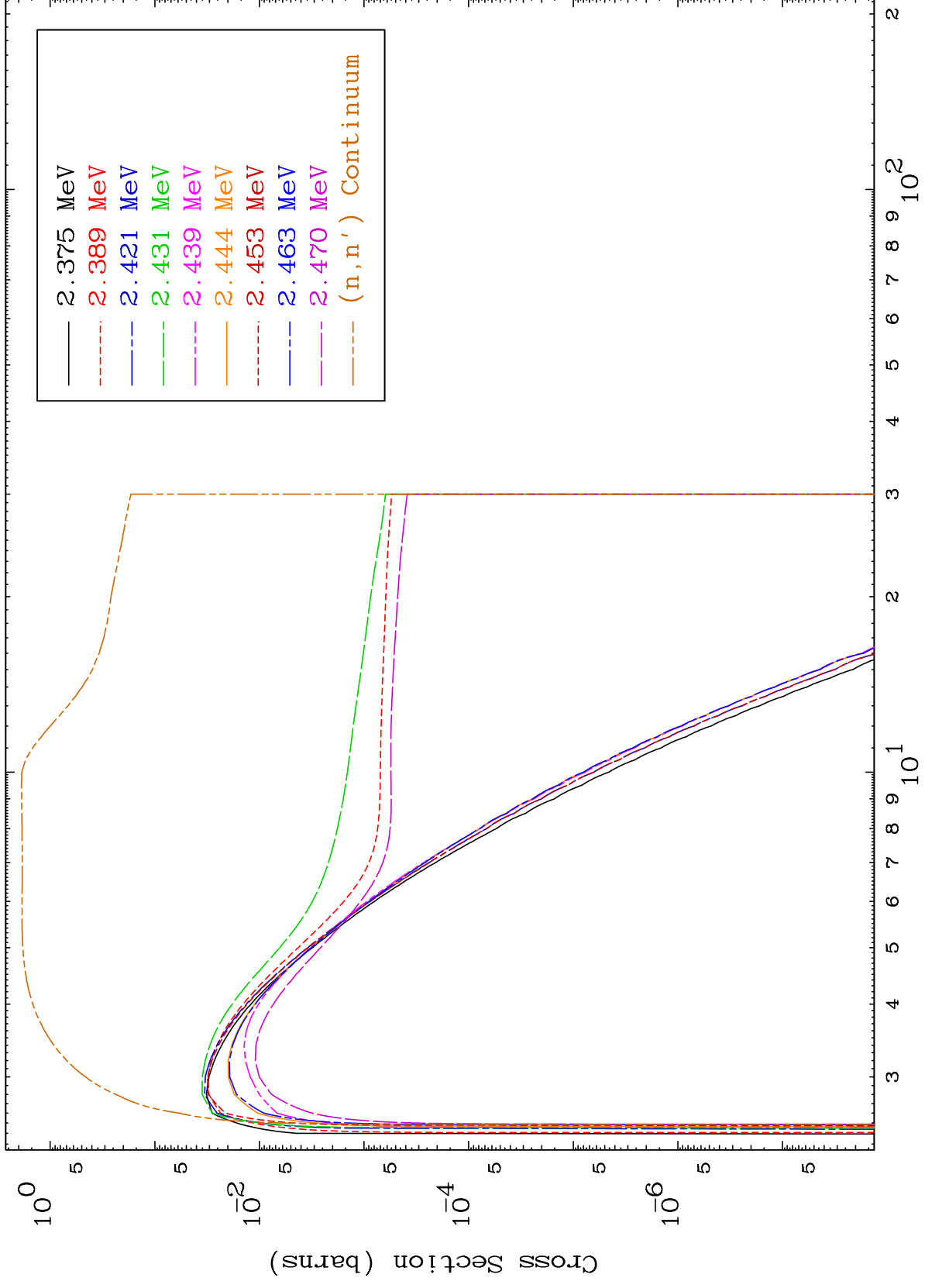
54-Xe-128

MAT 5437

(n,n') Level

54-Xe-128

293 Kelvin Cross Sections



9

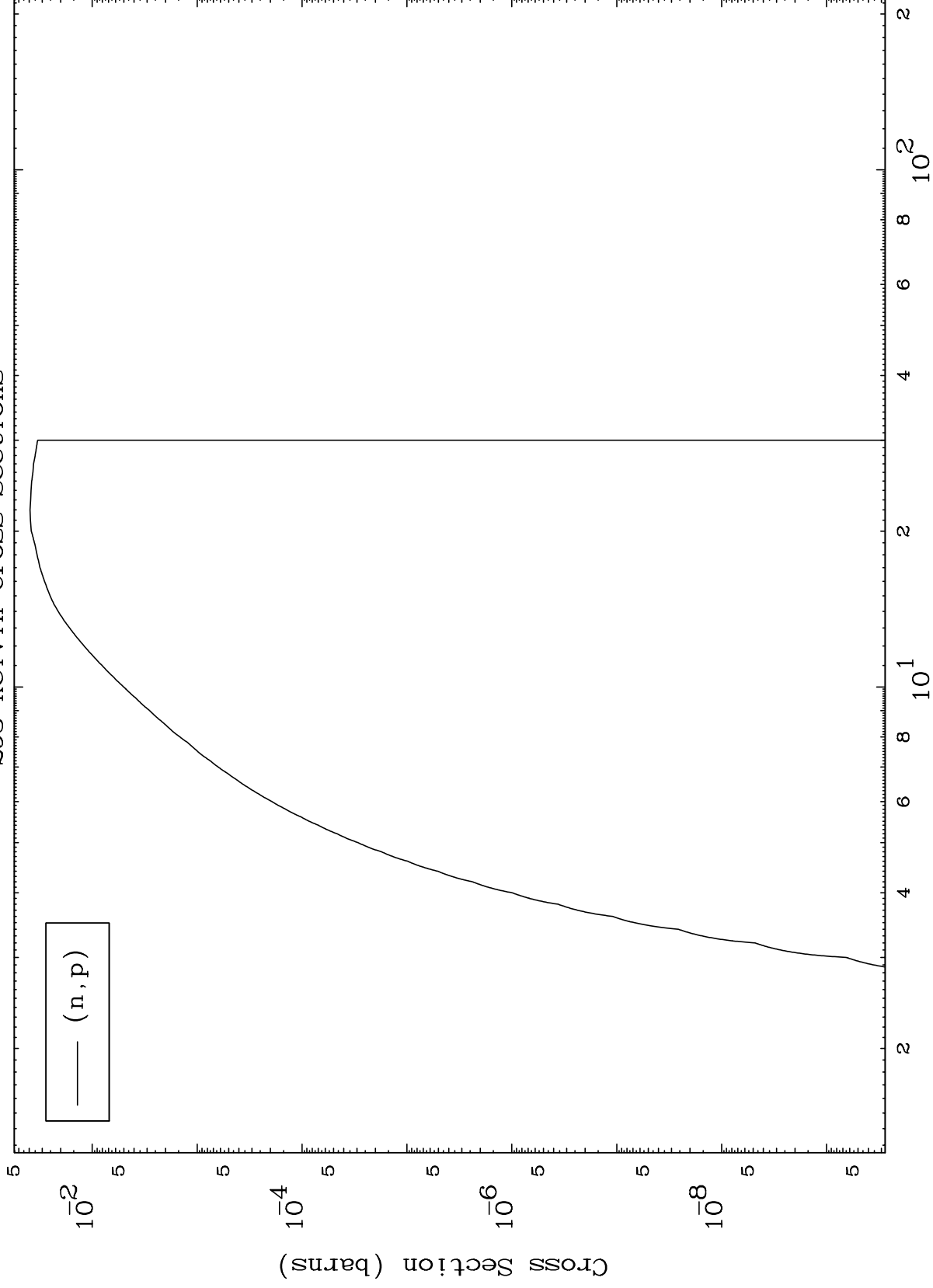
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-128



10

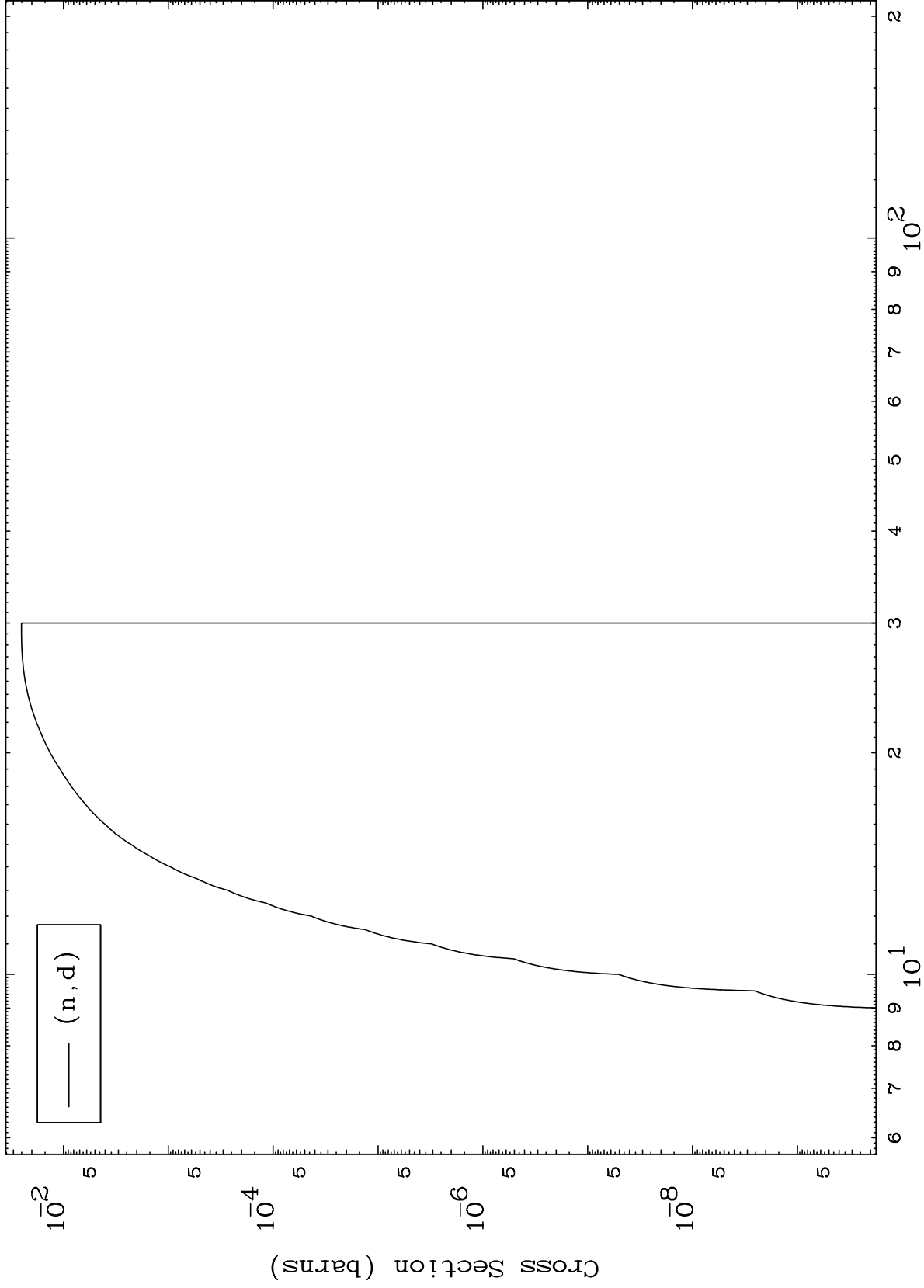
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-128



11

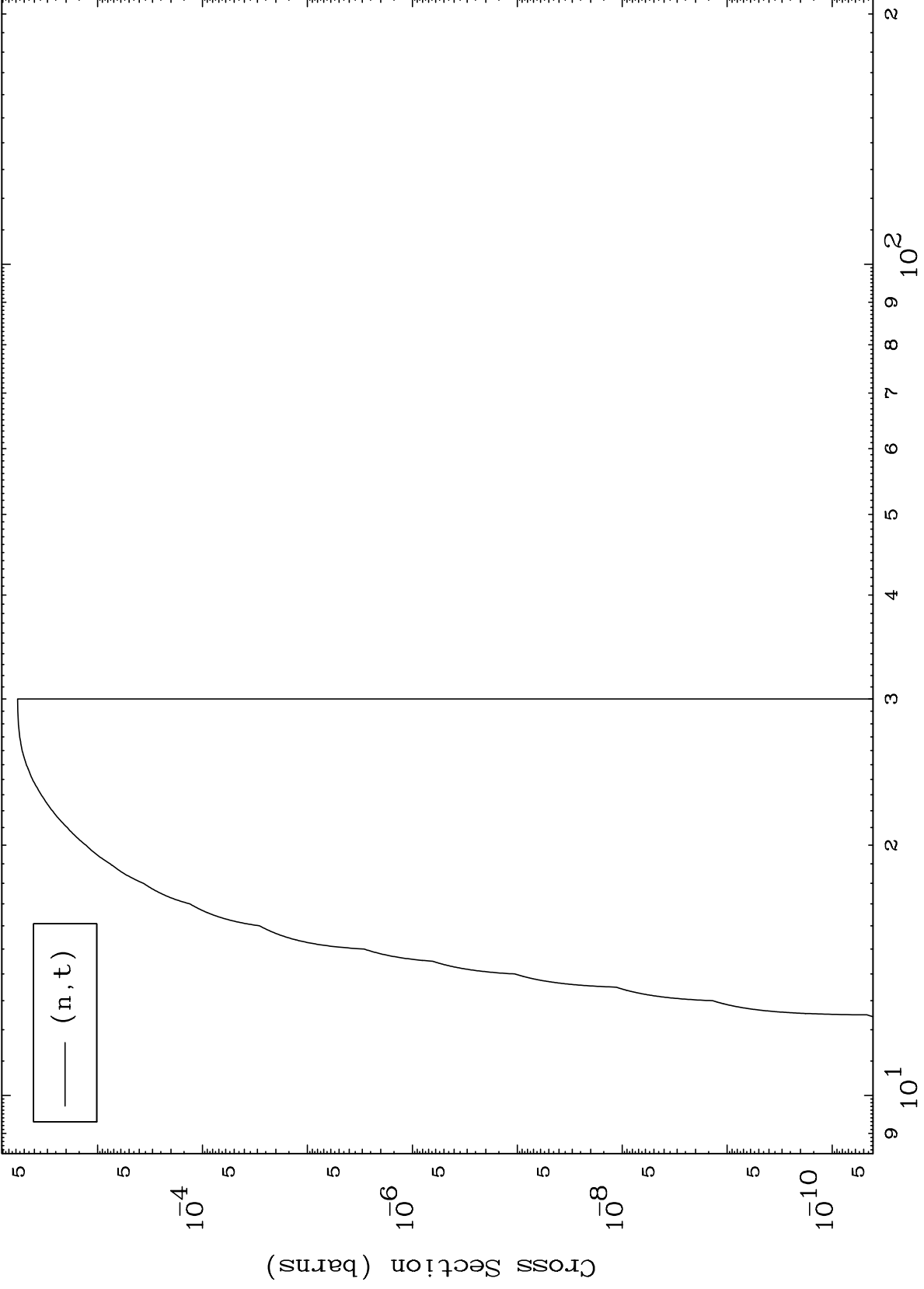
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-128



12

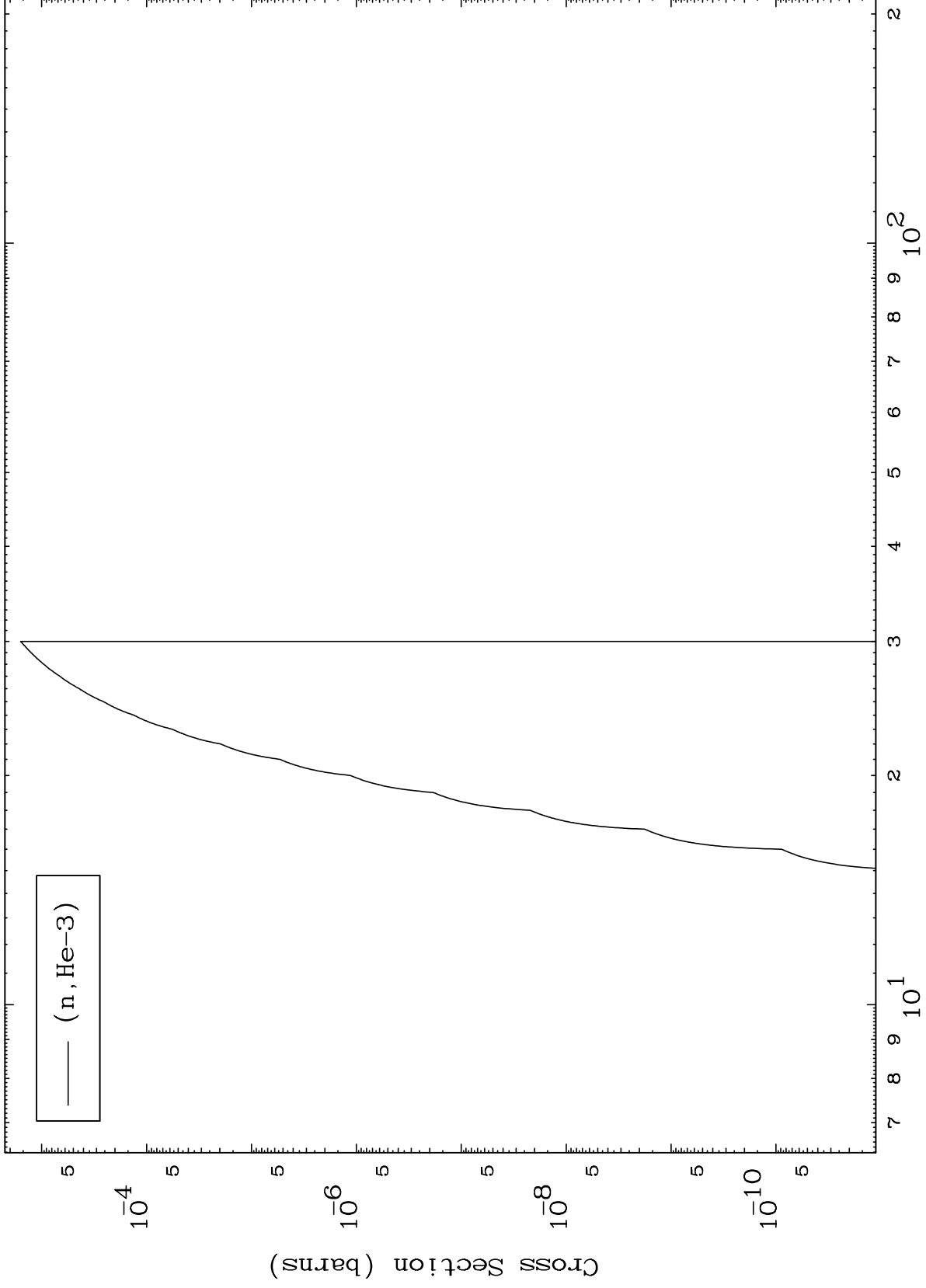
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-128



13

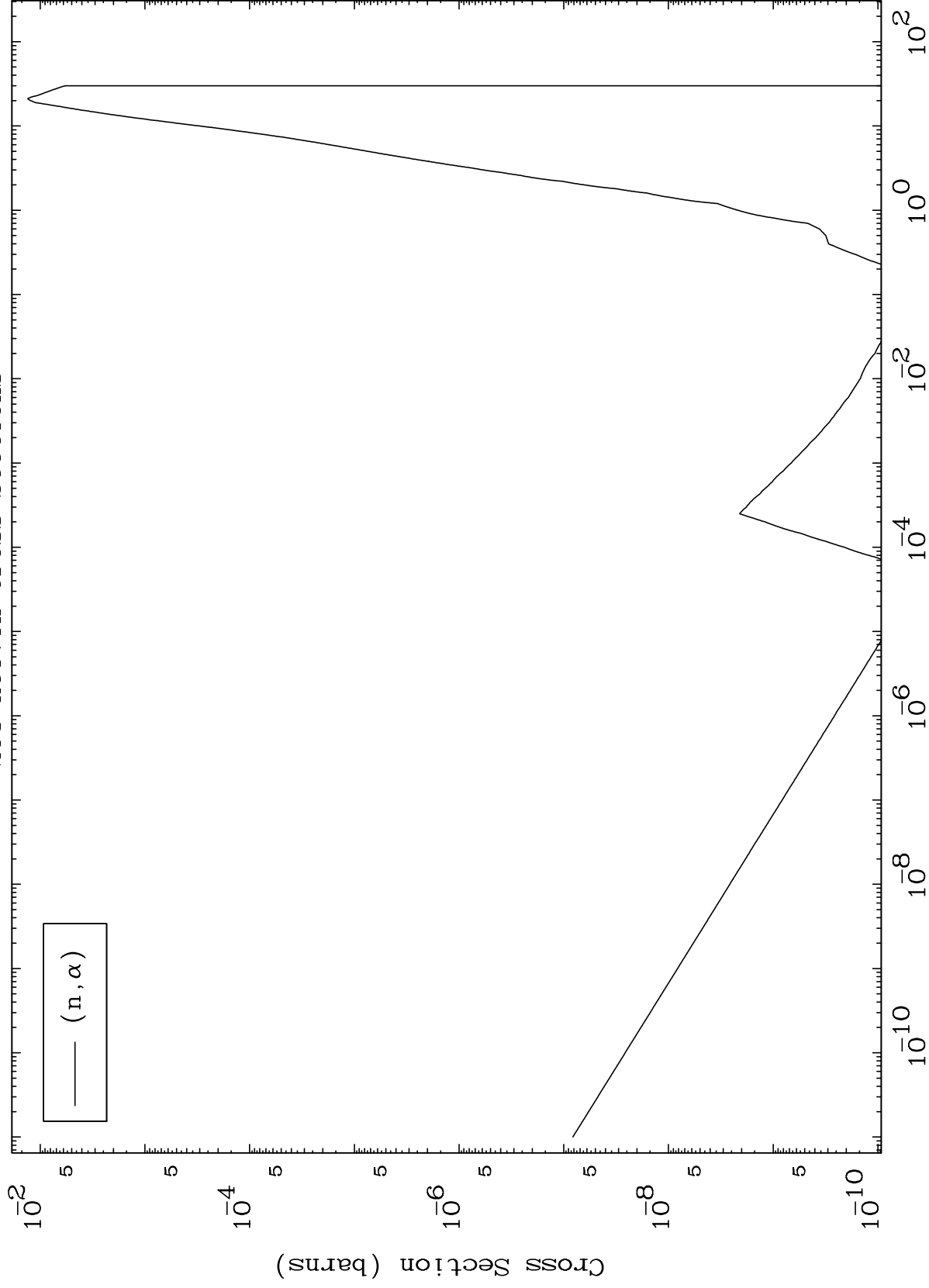
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n, α) Levels
293 Kelvin Cross Sections

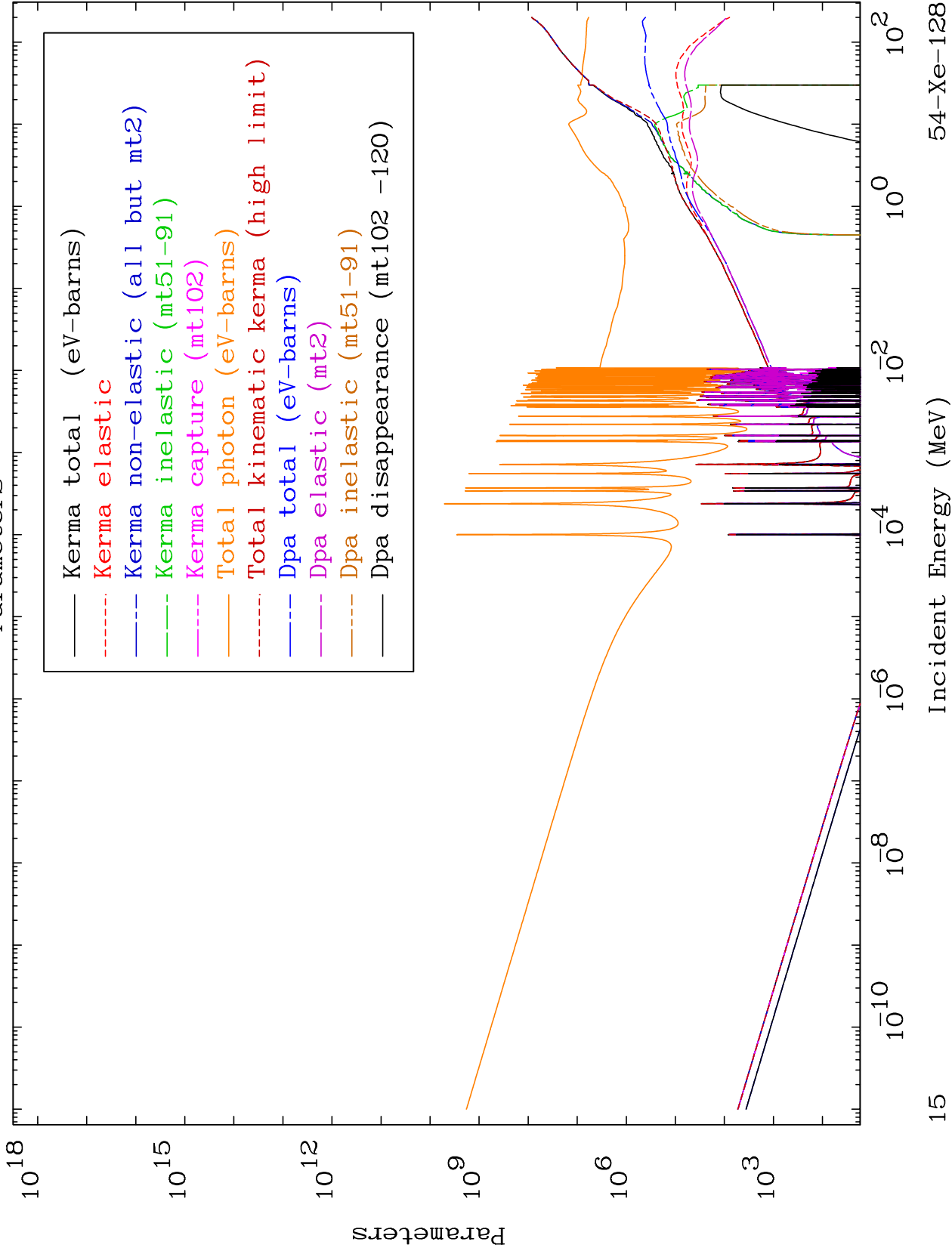
54-Xe-128



14

Incident Energy (MeV)

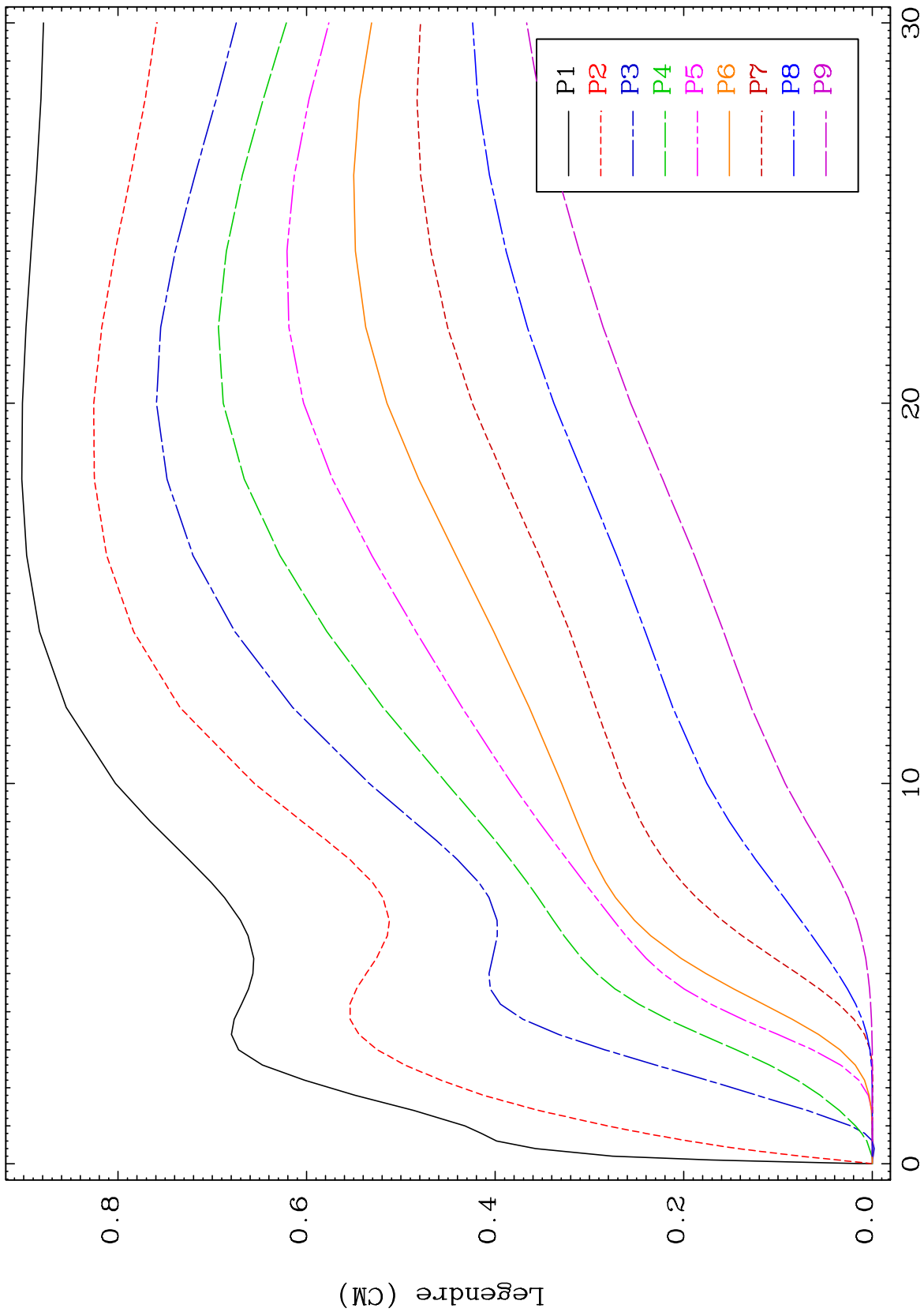
54-Xe-128



MAT 5437

54-Xe-128

Elastic Legendre Coefficients



16

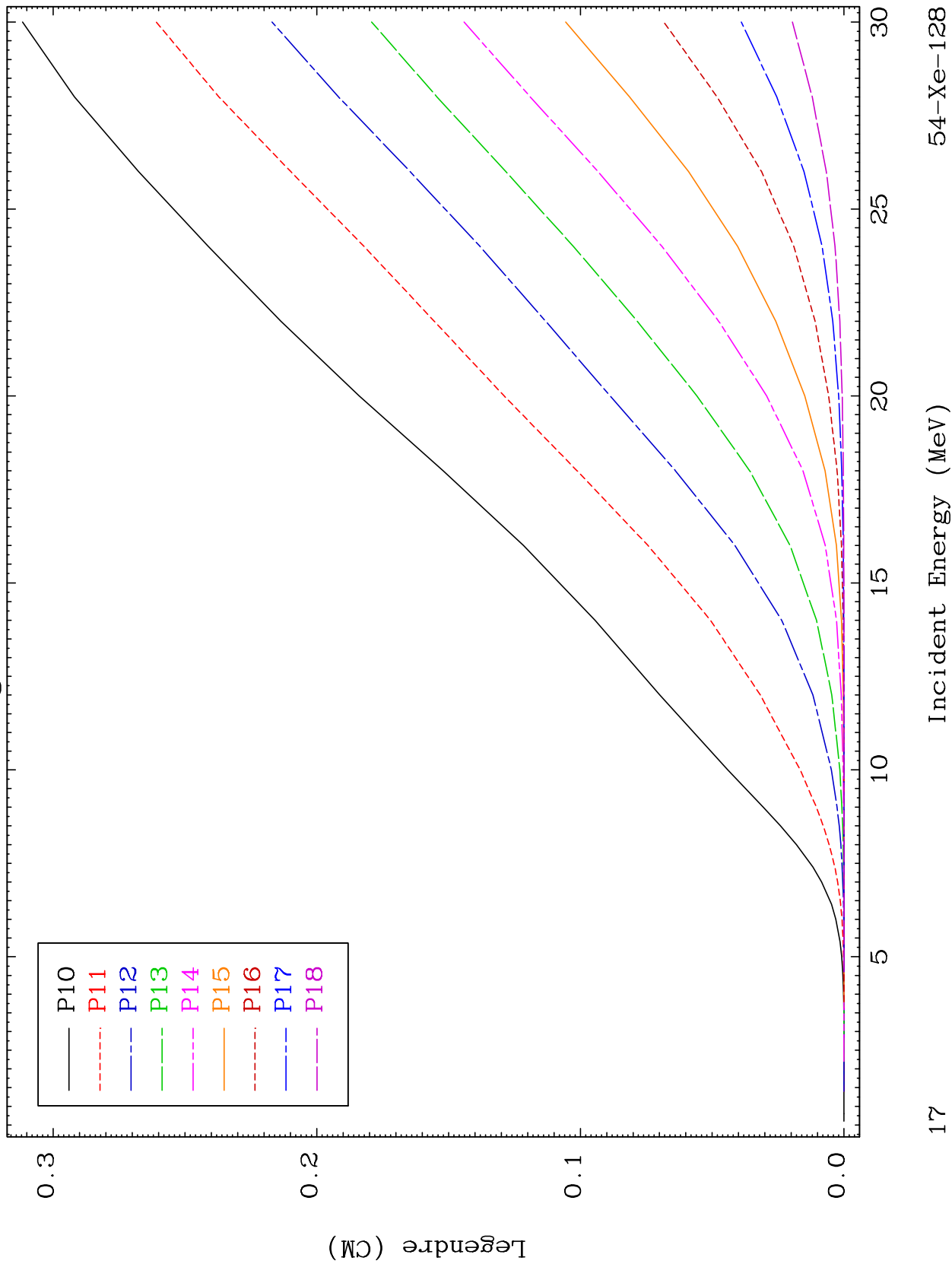
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic Legendre Coefficients

54-Xe-128

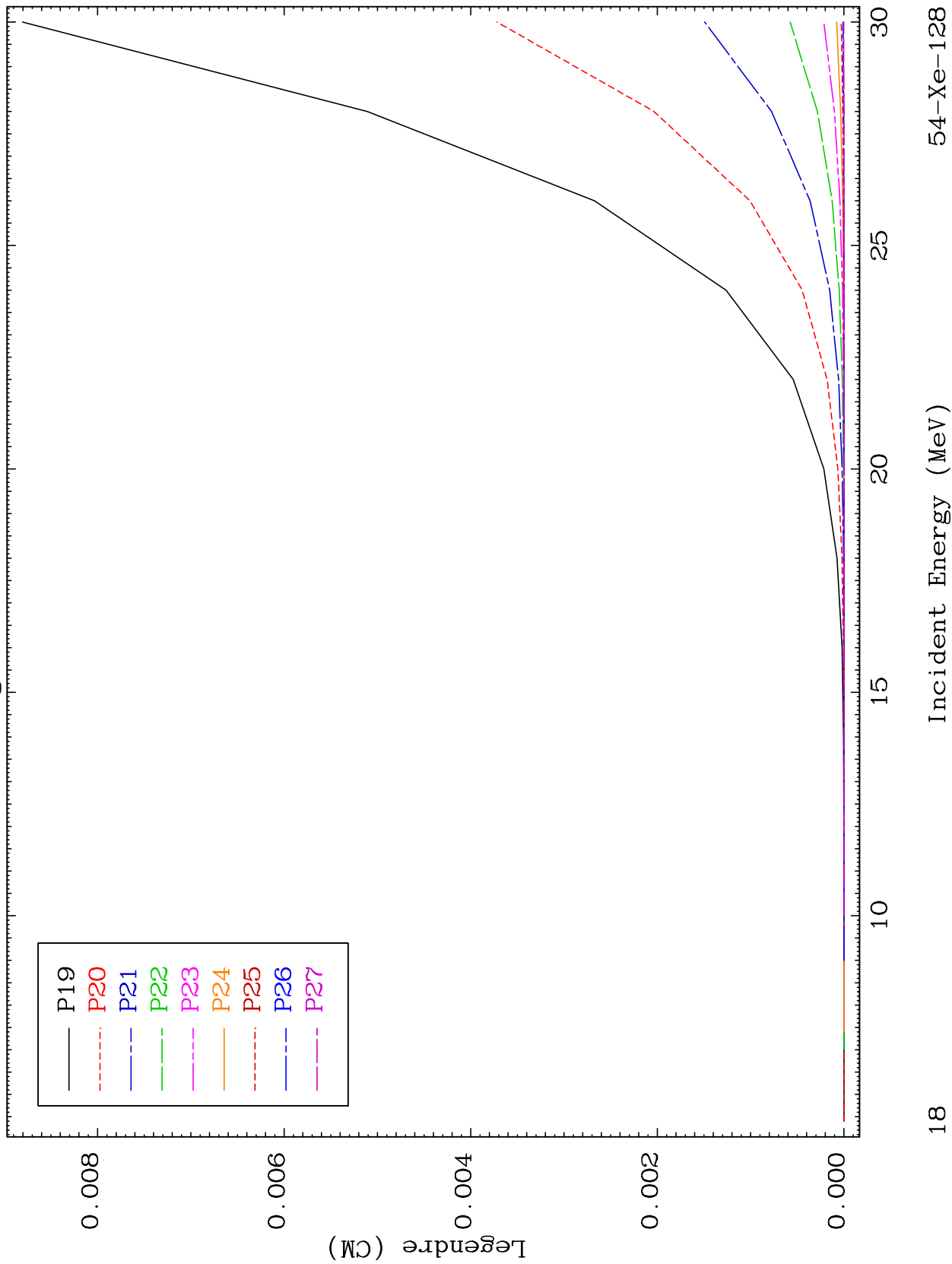


17

MAT 5437

Elastic Legendre Coefficients

54-Xe-128



18

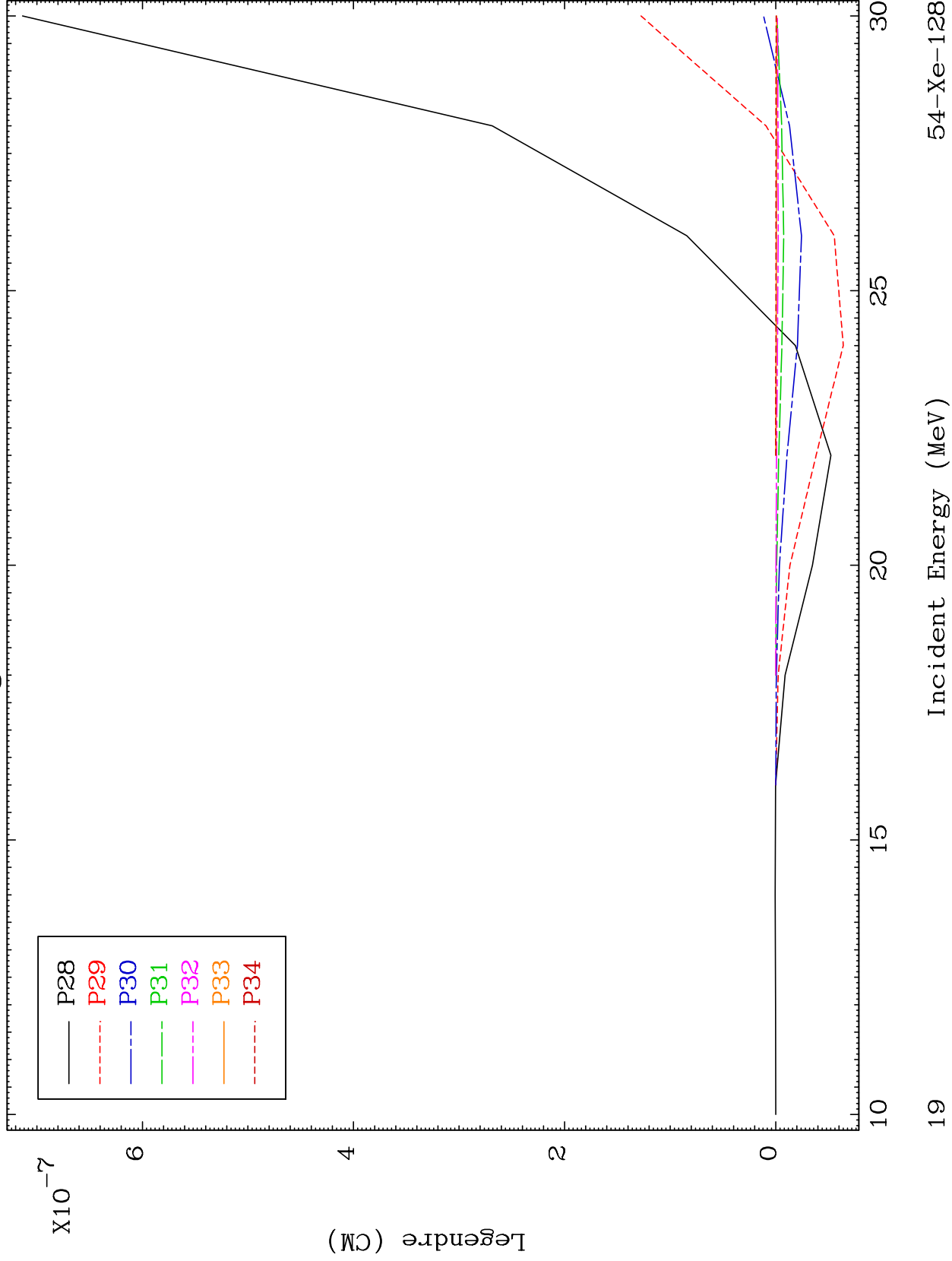
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic
Legendre Coefficients

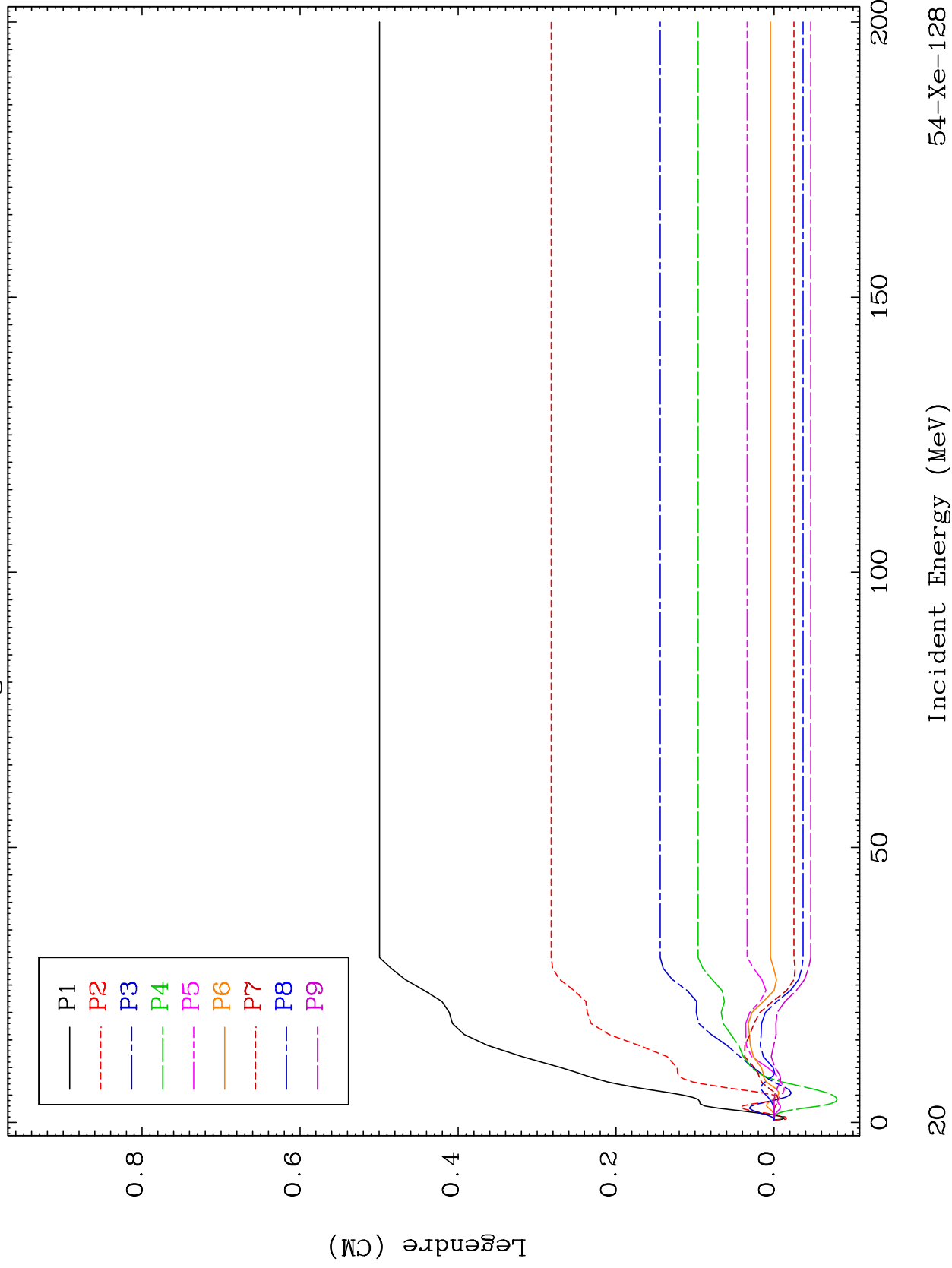
54-Xe-128



MAT 5437

442.9 keV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

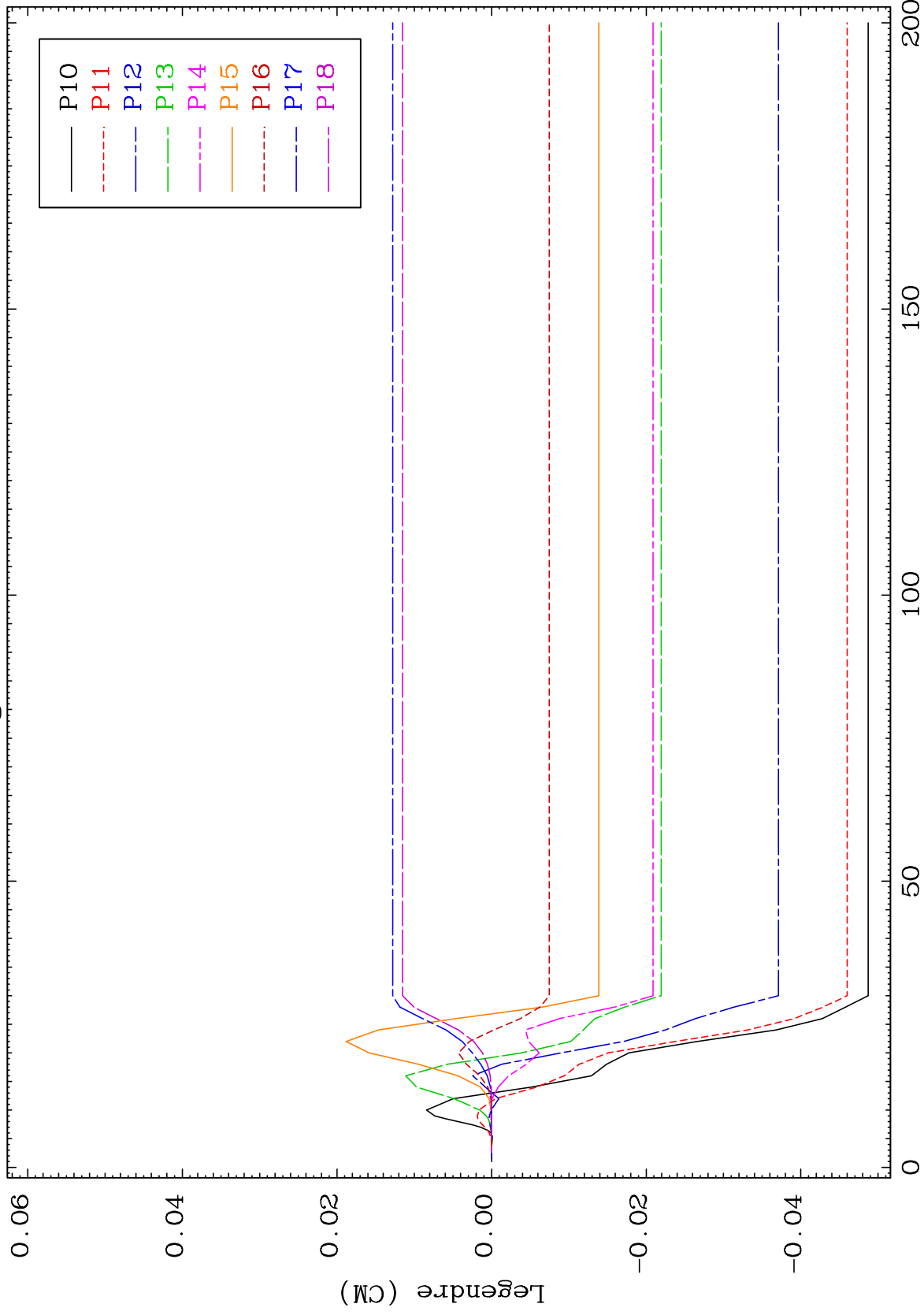
Incident Energy (MeV)

Legendre (CM)

MAT 5437

442.9 keV (n,n') Level
Legendre Coefficients

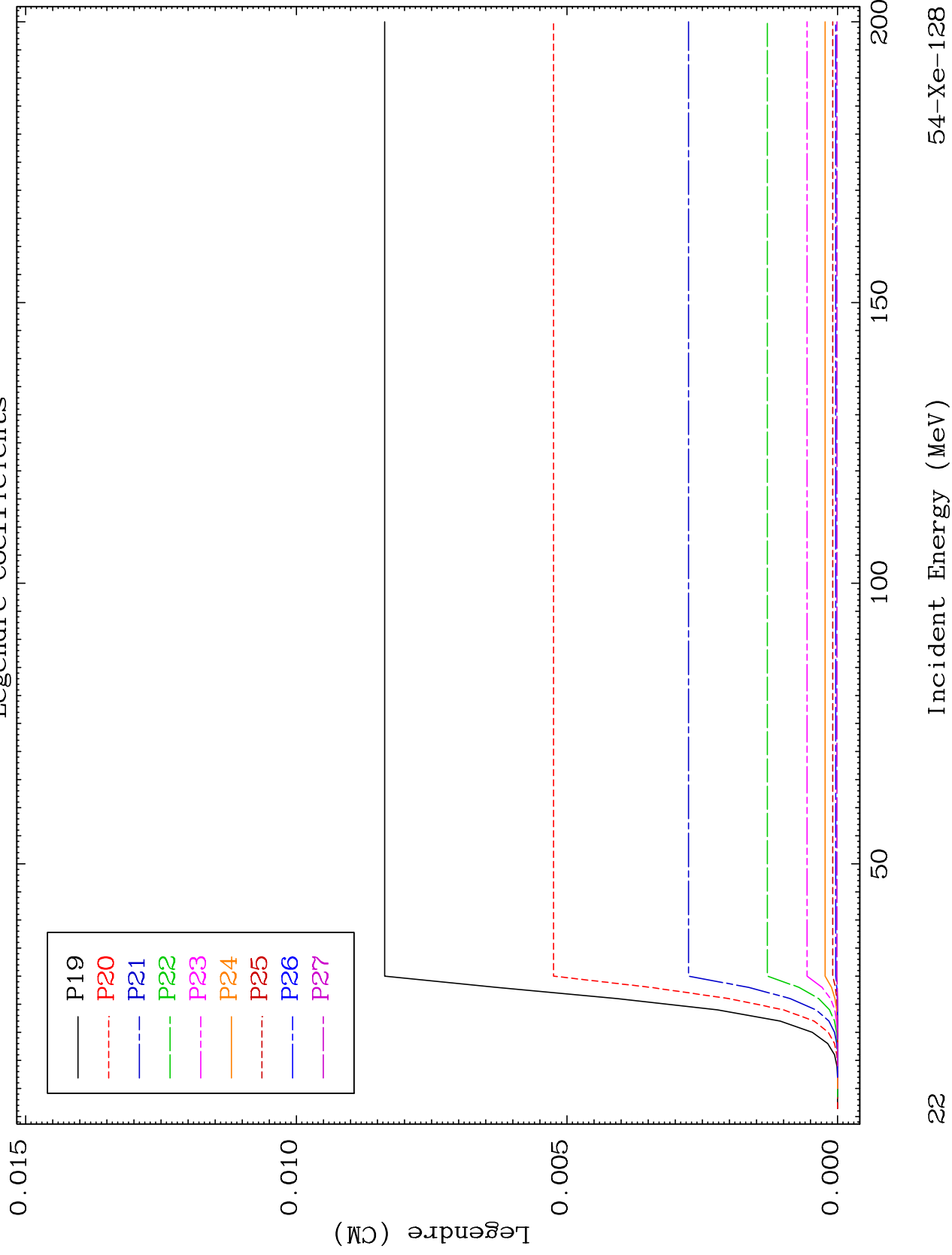
54-Xe-128



MAT 5437

442.9 keV (n,n') Level
Legendre Coefficients

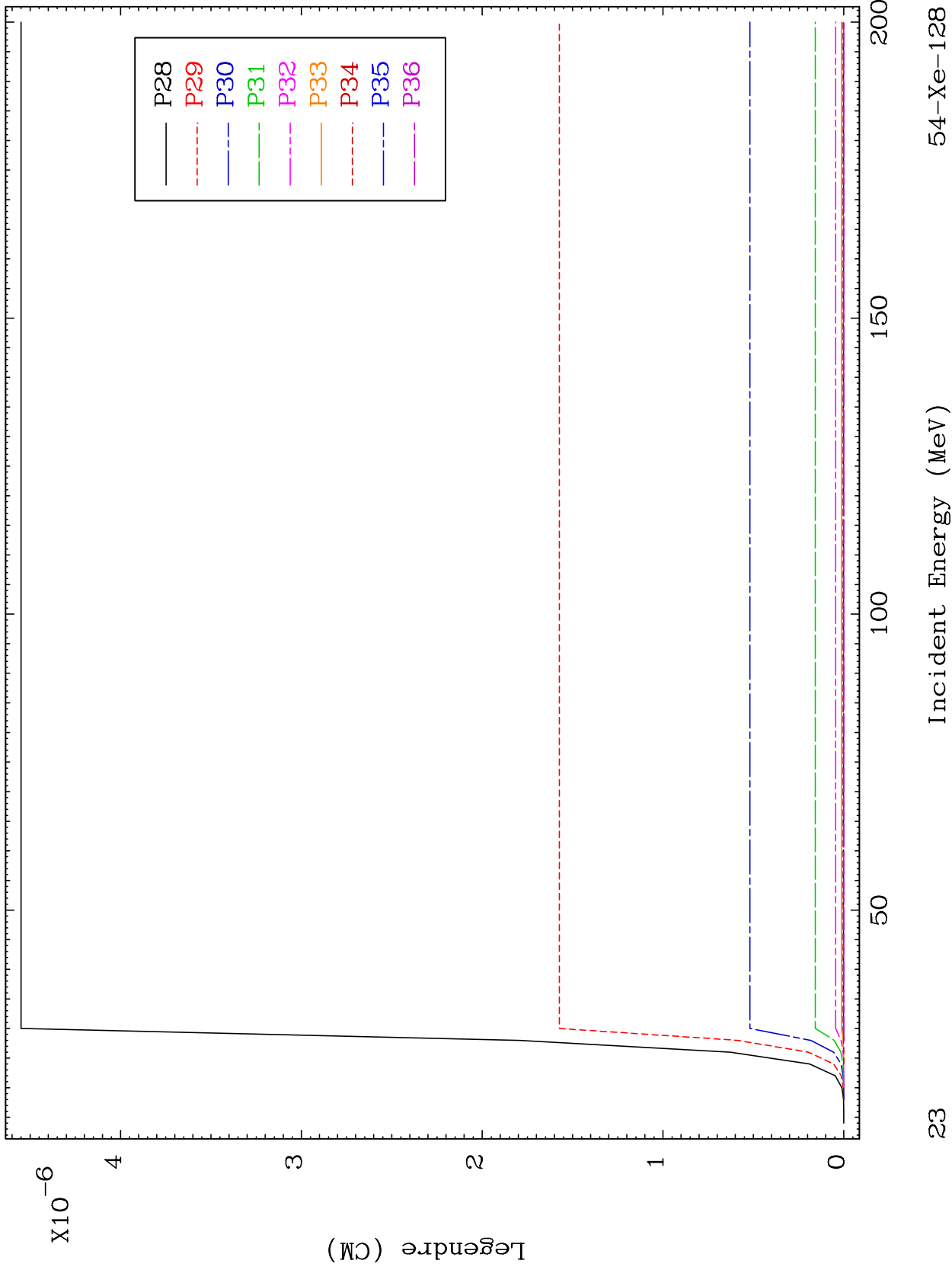
54-Xe-128



MAT 5437

442.9 keV (n,n') Level
Legendre Coefficients

54-Xe-128



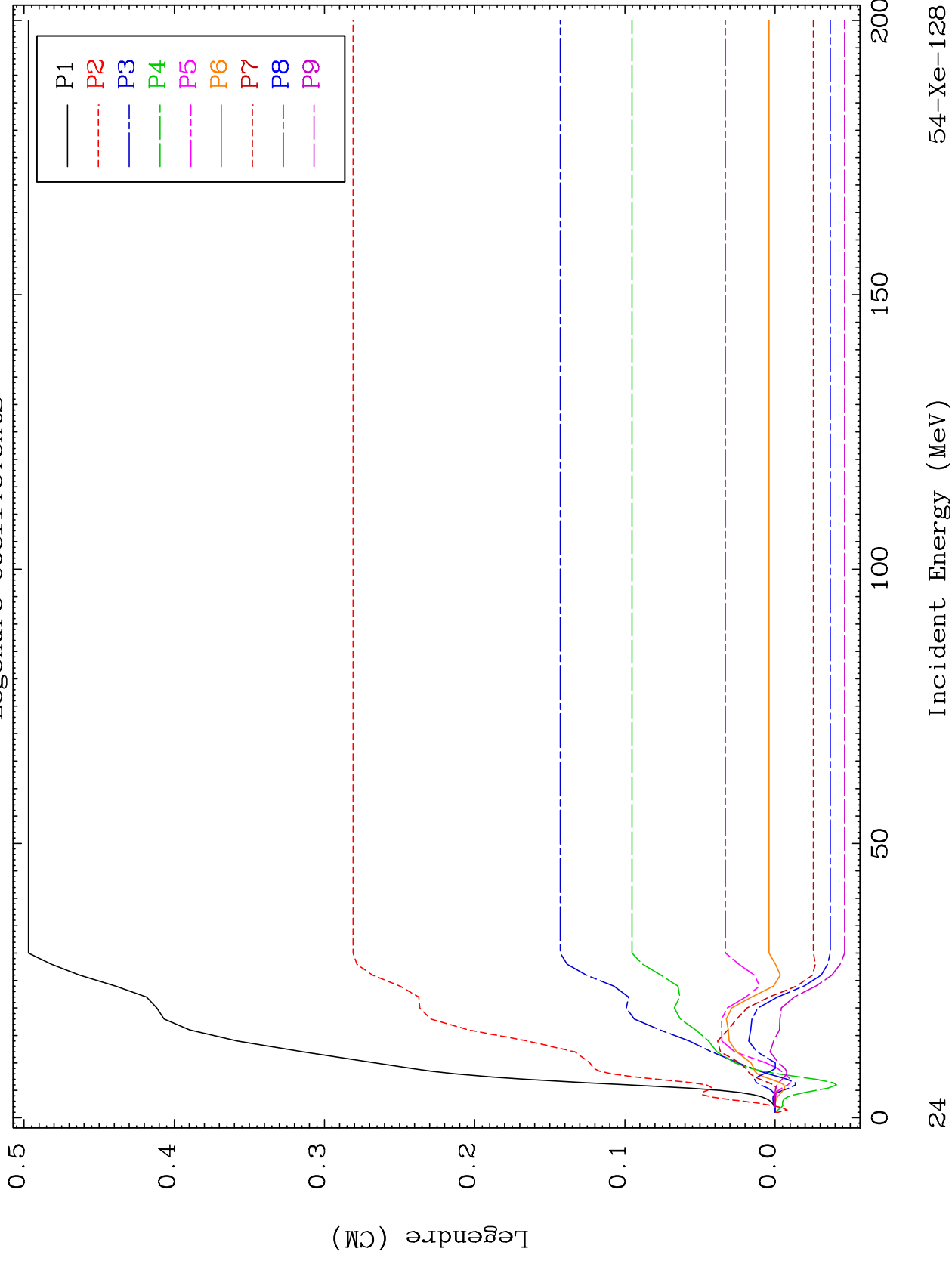
23

54-Xe-128

MAT 5437

969.5 keV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

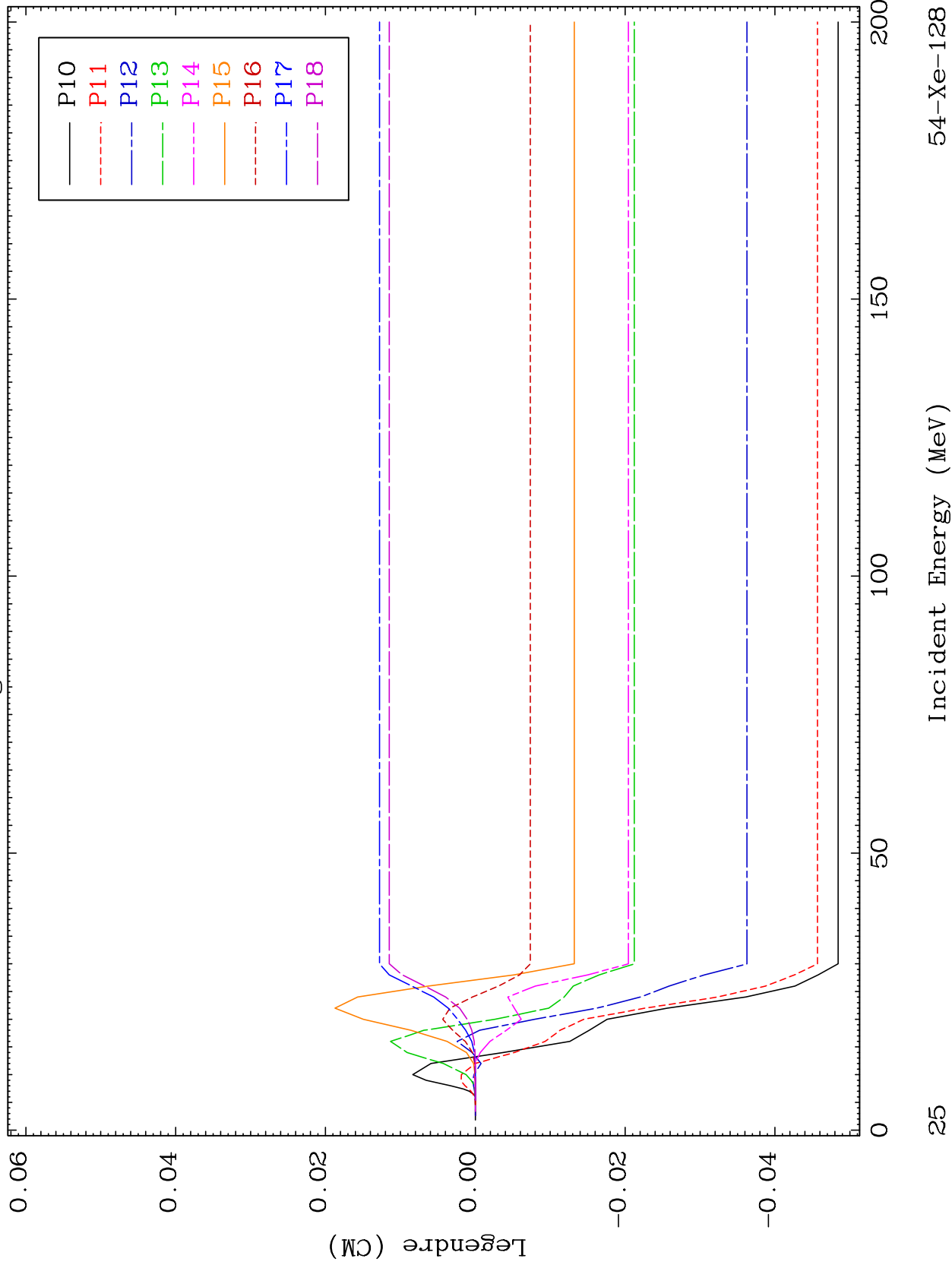
Incident Energy (MeV)

24

MAT 5437

969.5 keV (n,n') Level
Legendre Coefficients

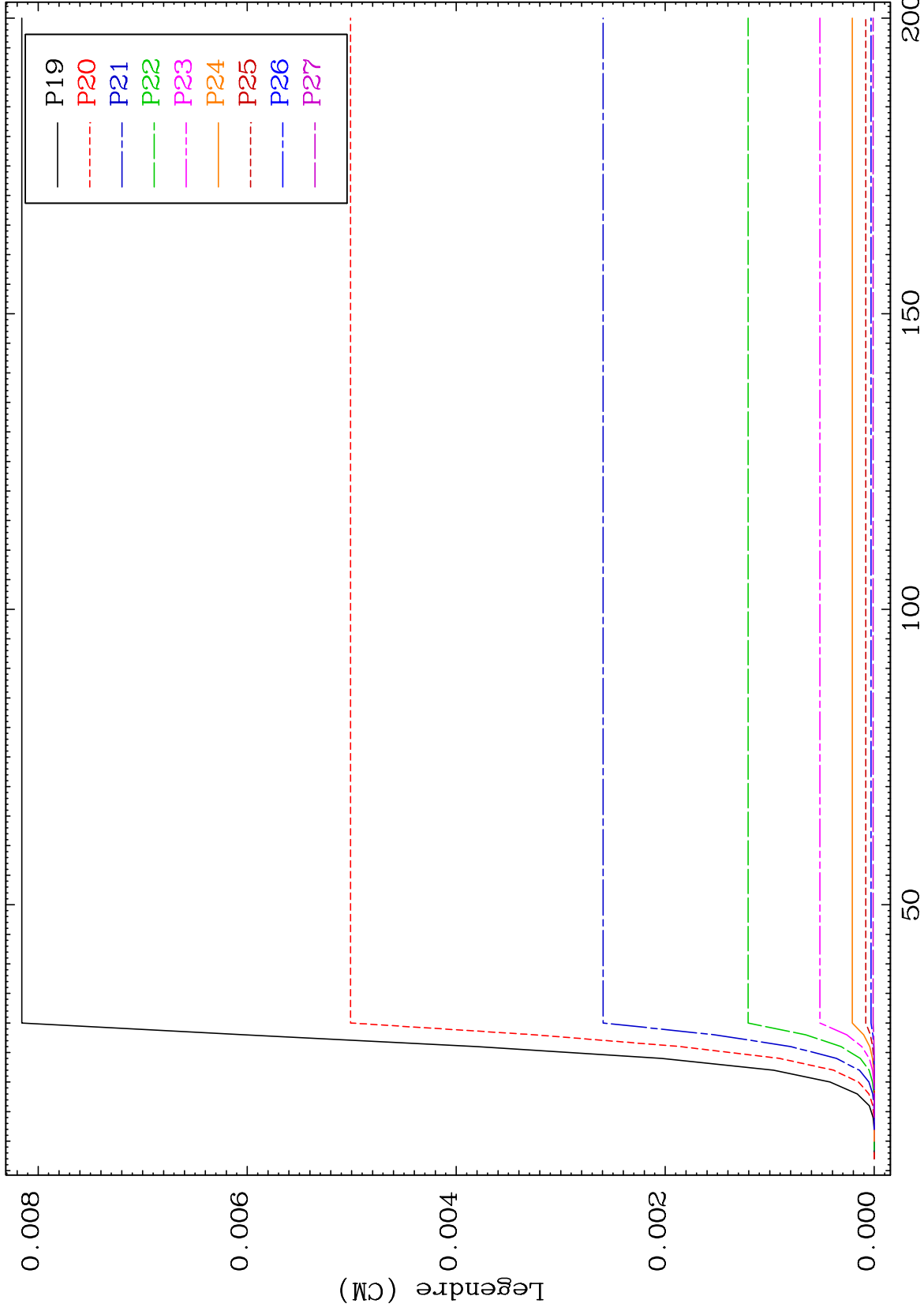
54-Xe-128



54-Xe-128

Incident Energy (MeV)

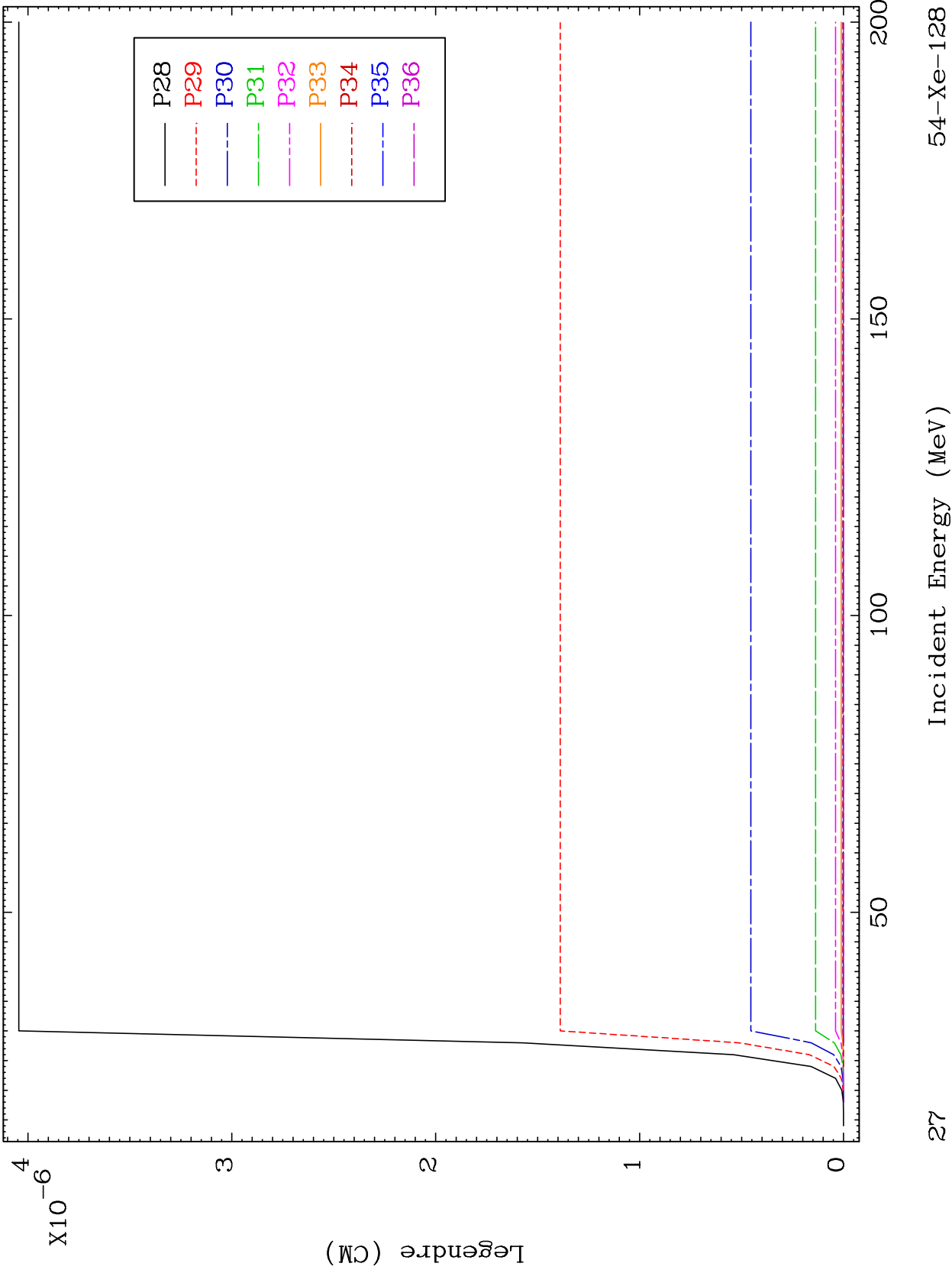
25



MAT 5437

969.5 keV (n,n') Level
Legendre Coefficients

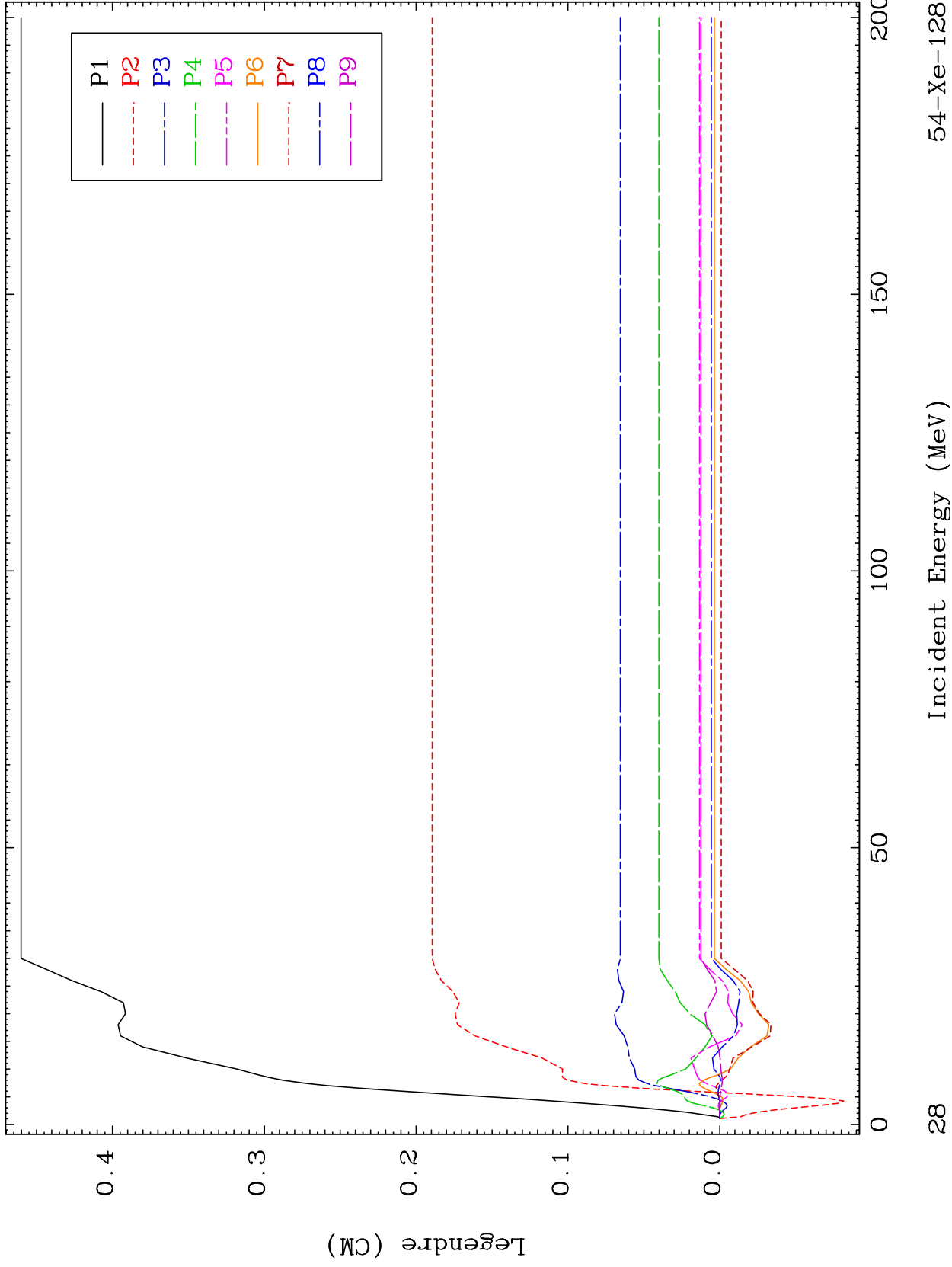
54-Xe-128



MAT 5437

1.033 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

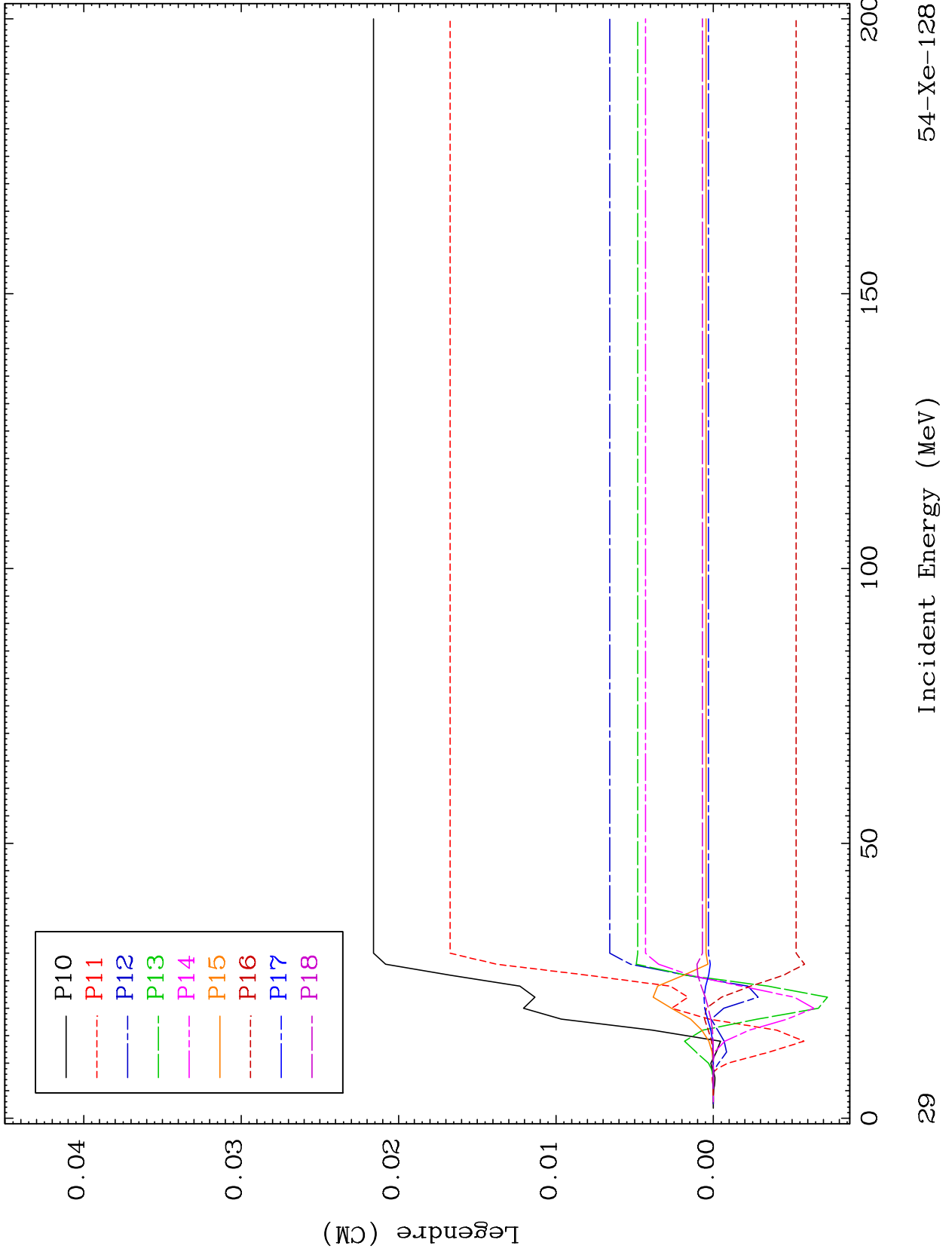
Incident Energy (MeV)

28

MAT 5437

1.033 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



29

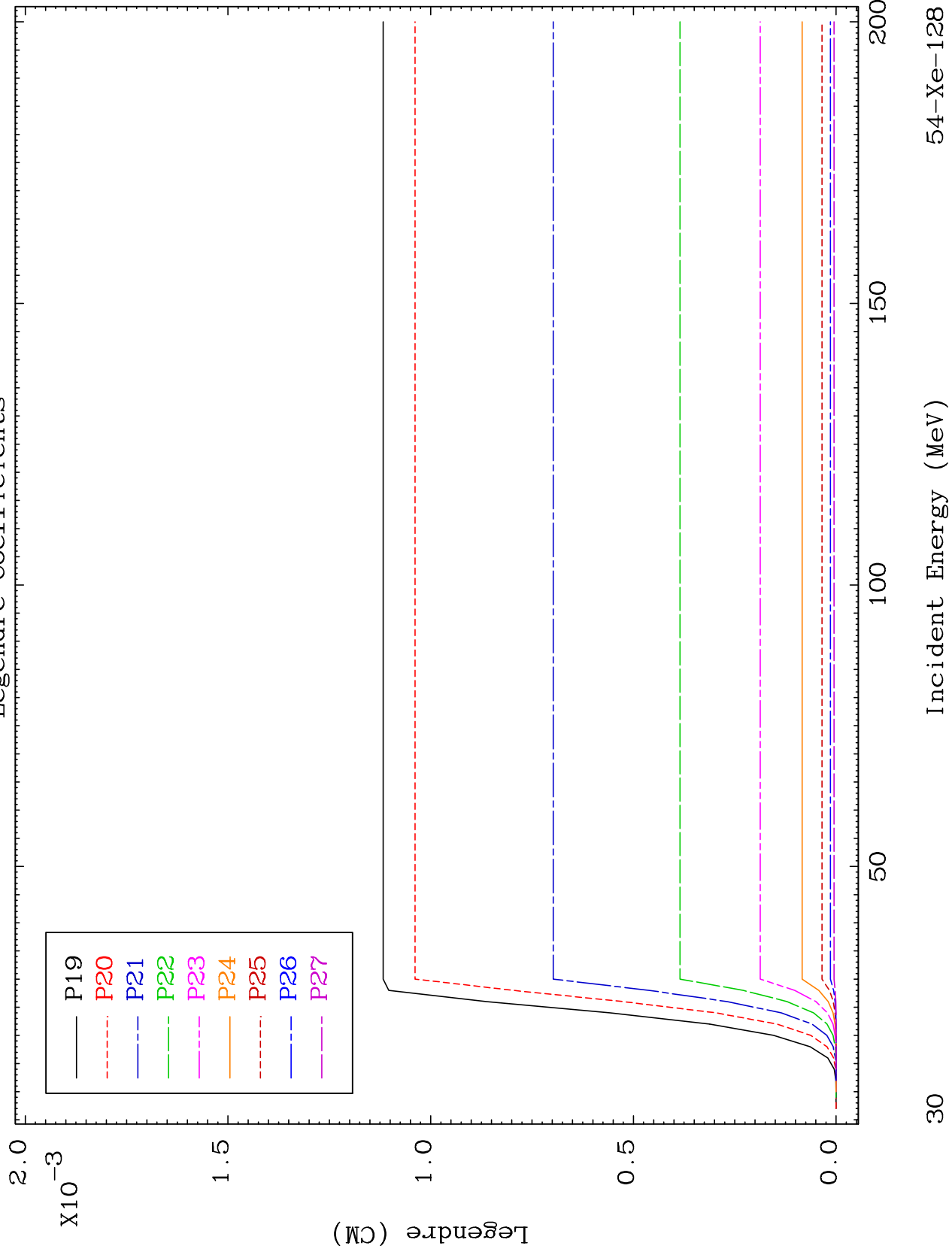
Incident Energy (MeV)

54-Xe-128

MAT 5437

1.033 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



30

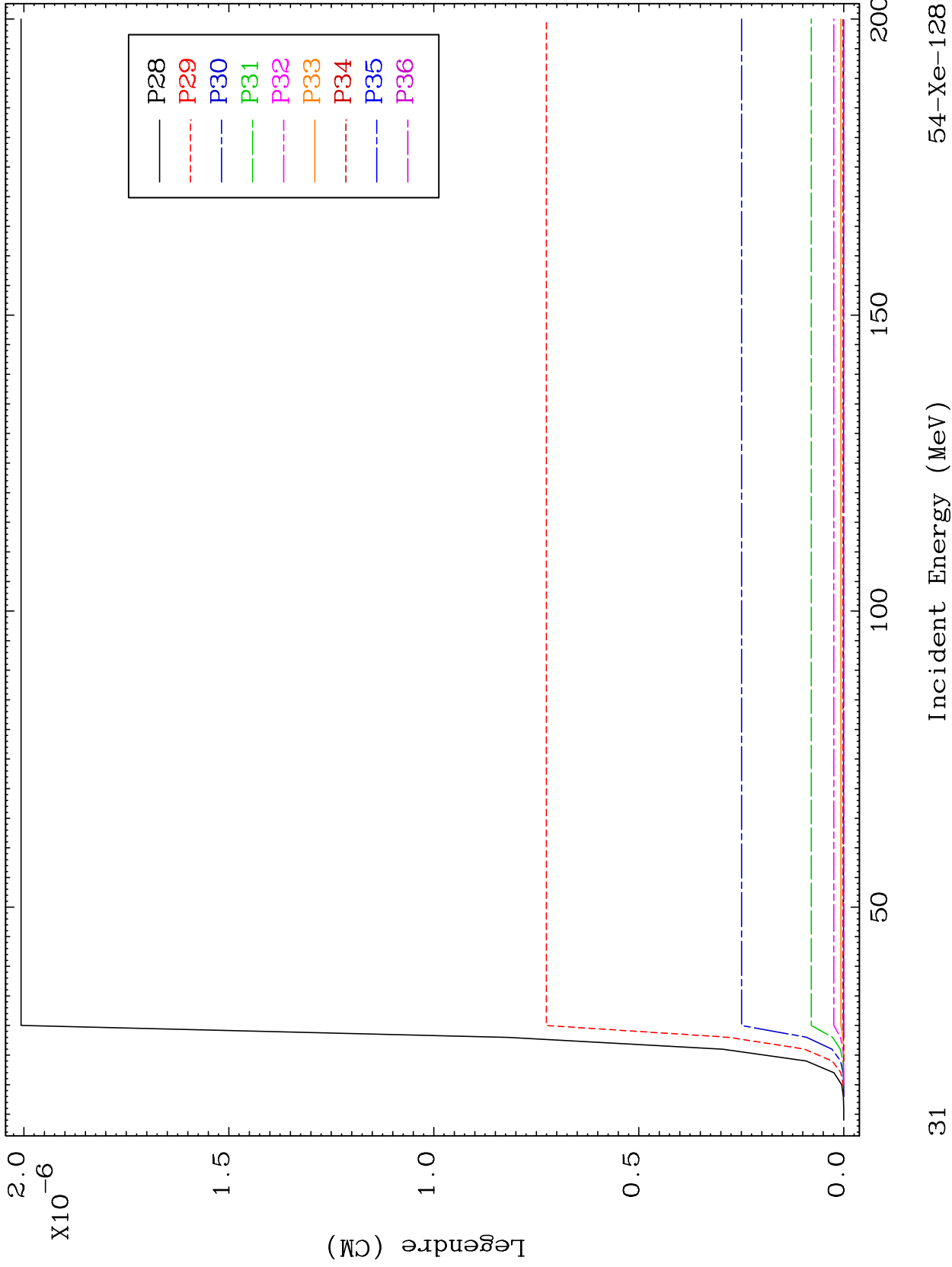
Incident Energy (MeV)

54-Xe-128

MAT 5437

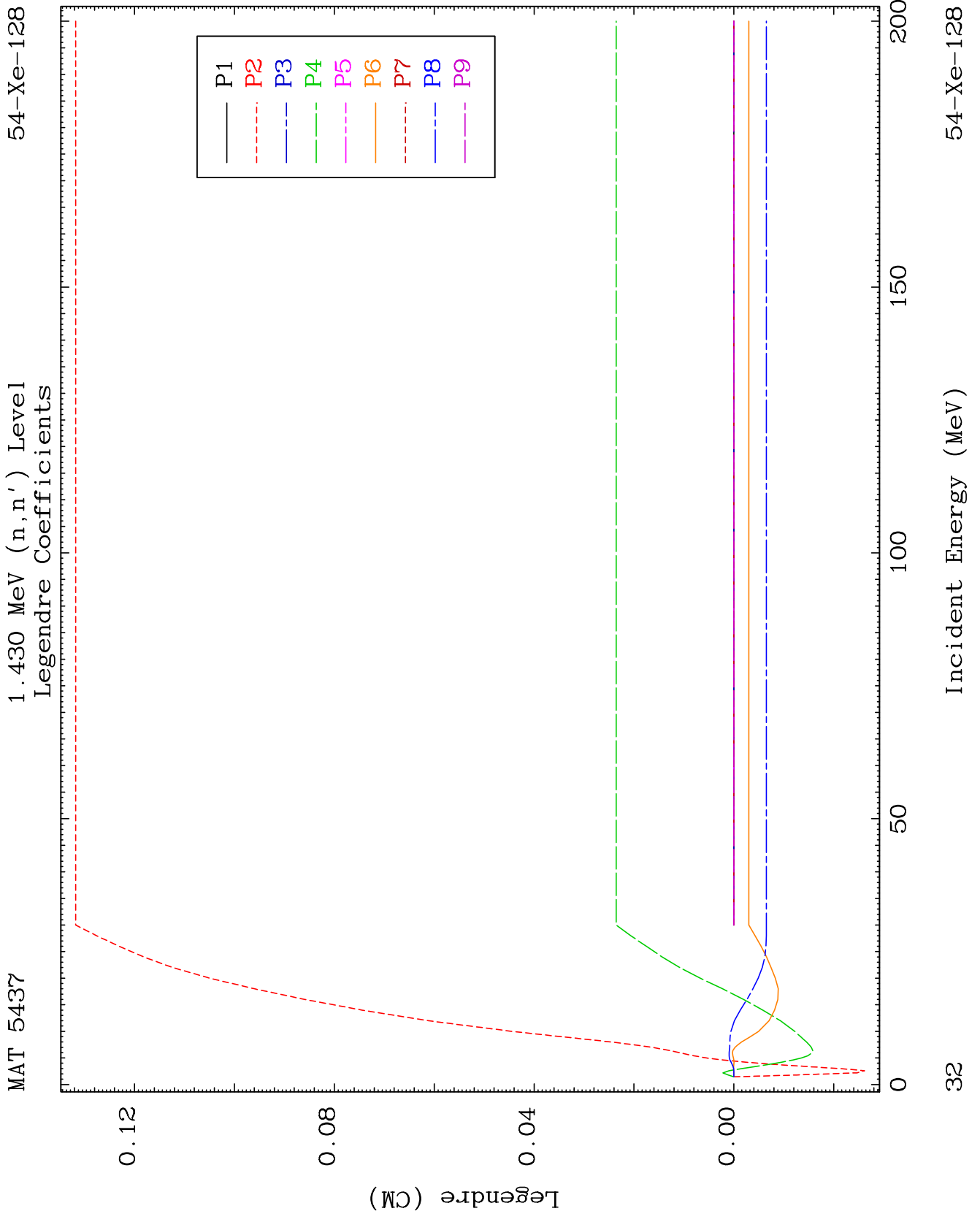
1.033 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



31

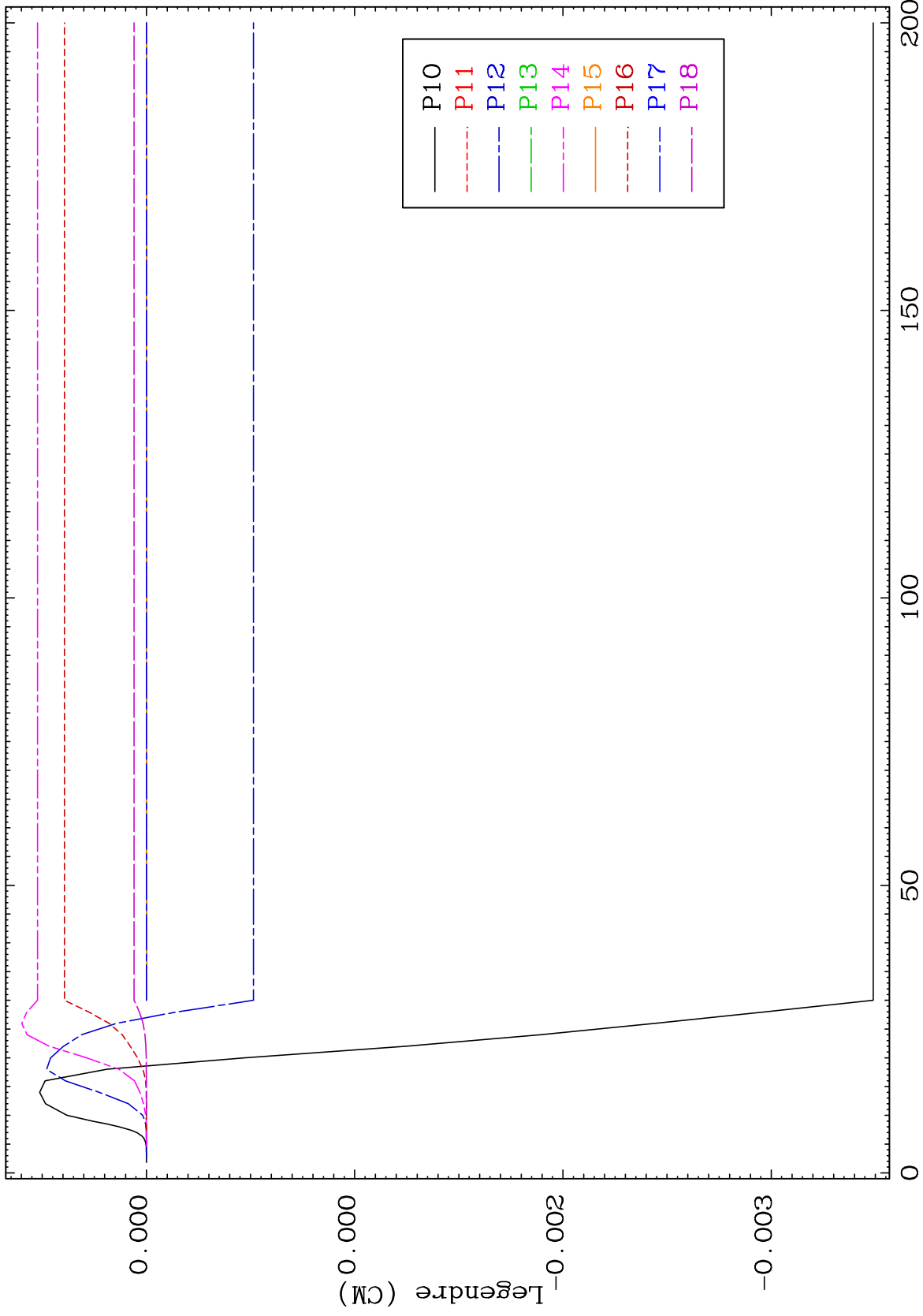
54-Xe-128



MAT 5437

1.430 MeV (n,n') Level
Legendre Coefficients

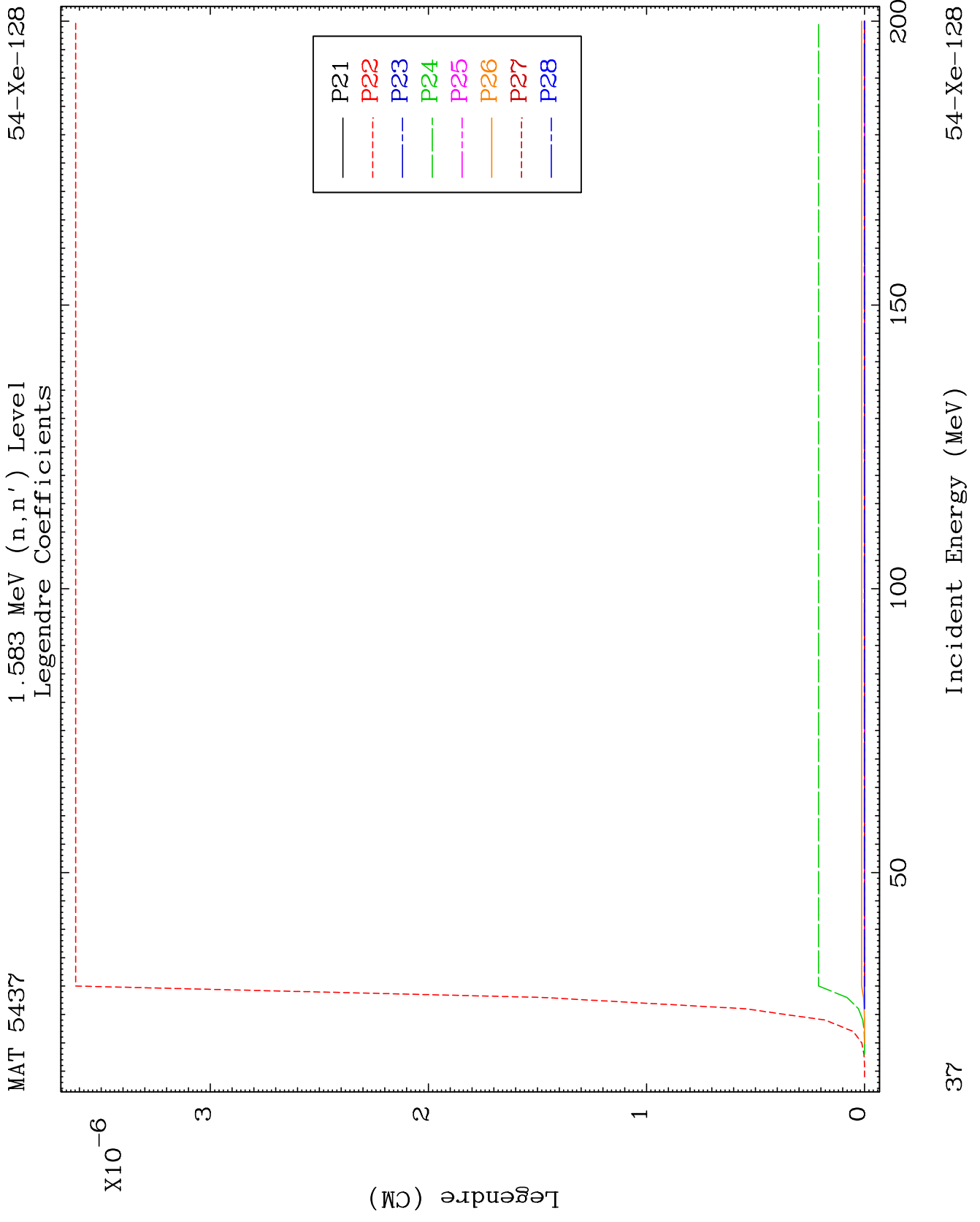
54-Xe-128



33

Incident Energy (MeV)

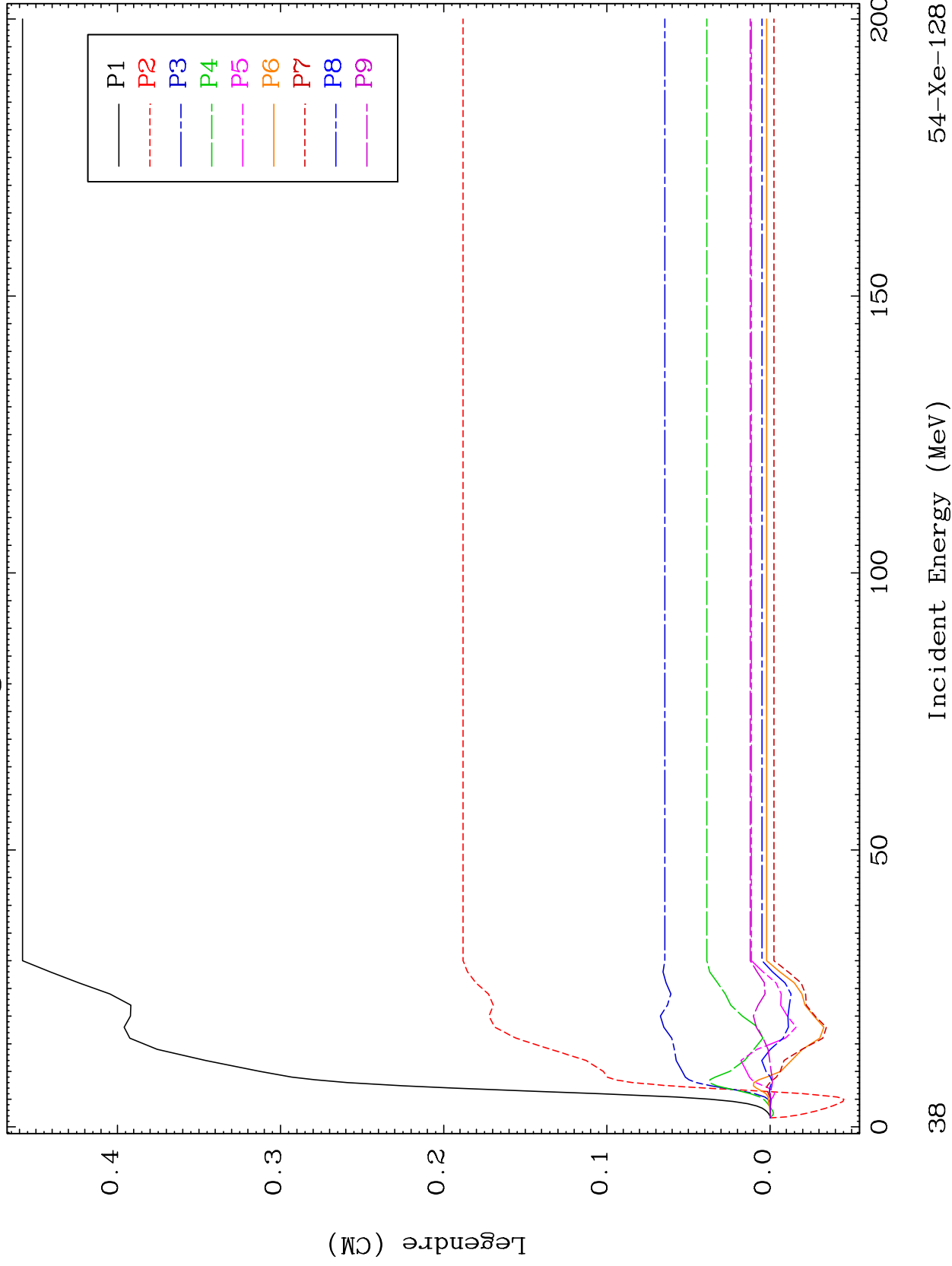
54-Xe-128



MAT 5437

1.603 MeV (n,n') Level
Legendre Coefficients

54-Xe-128

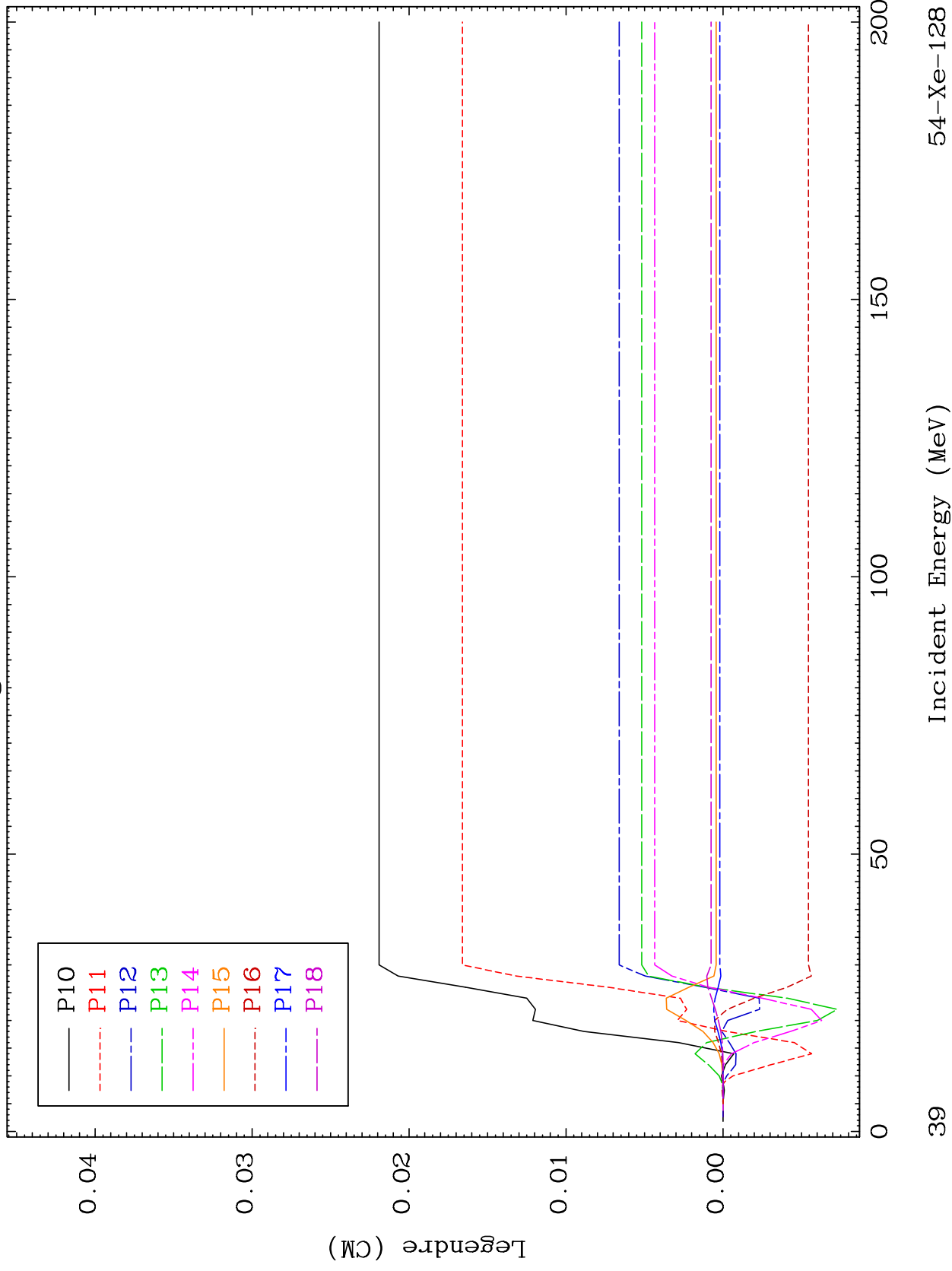


38

MAT 5437

1.603 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



39

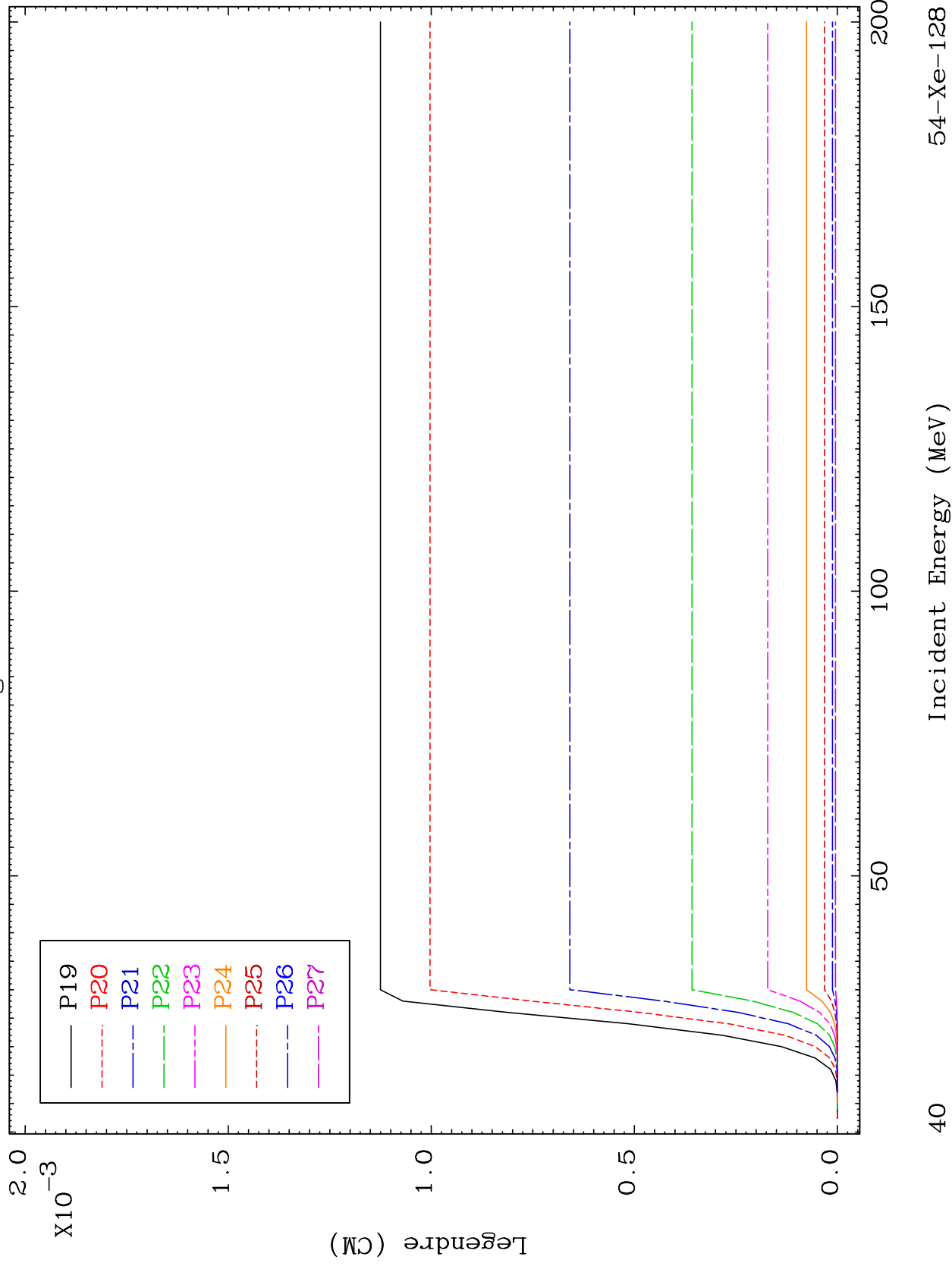
Incident Energy (MeV)

54-Xe-128

MAT 5437

1.603 MeV (n,n') Level
Legendre Coefficients

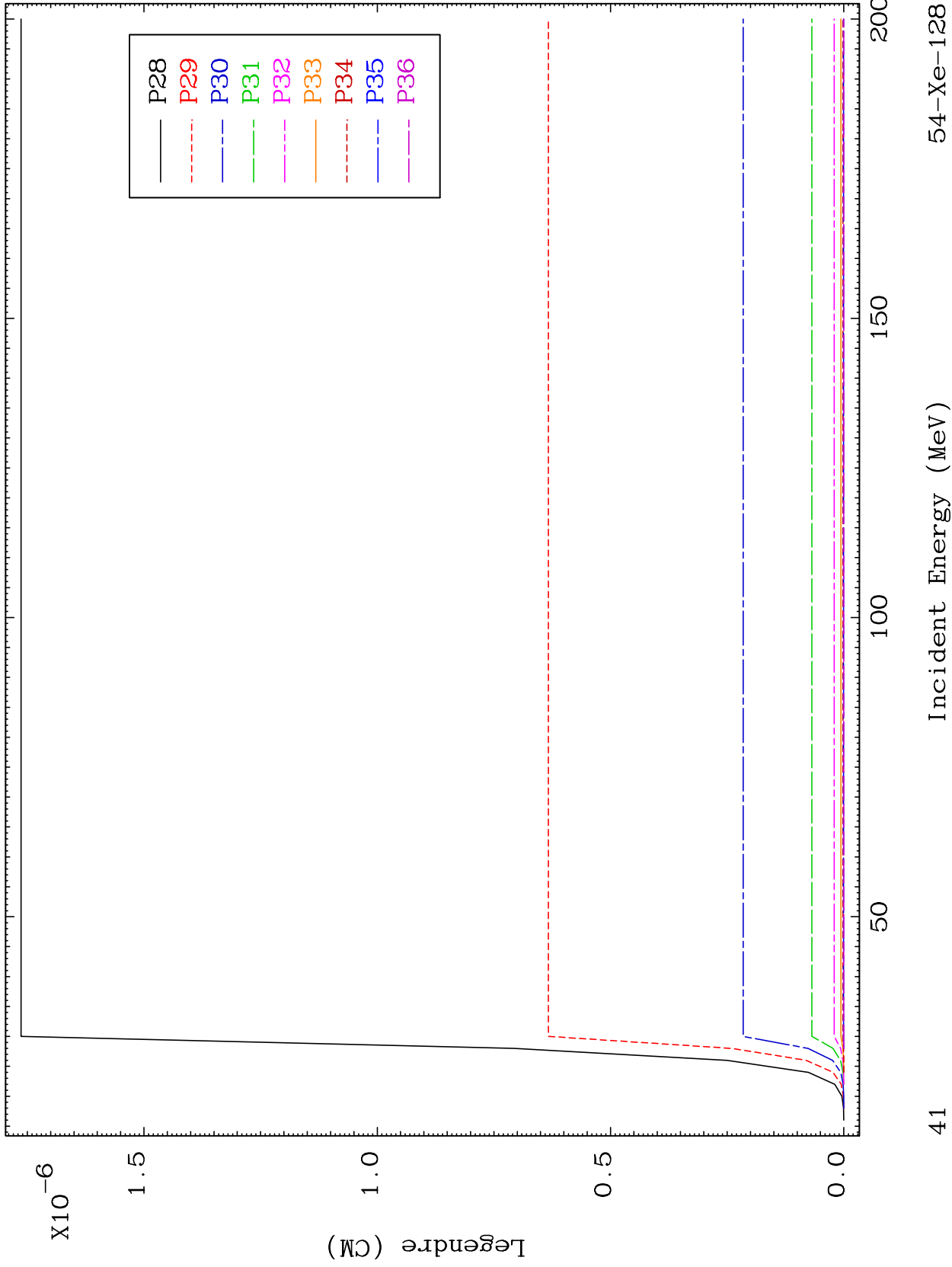
54-Xe-128



MAT 5437

1.603 MeV (n,n') Level
Legendre Coefficients

54-Xe-128

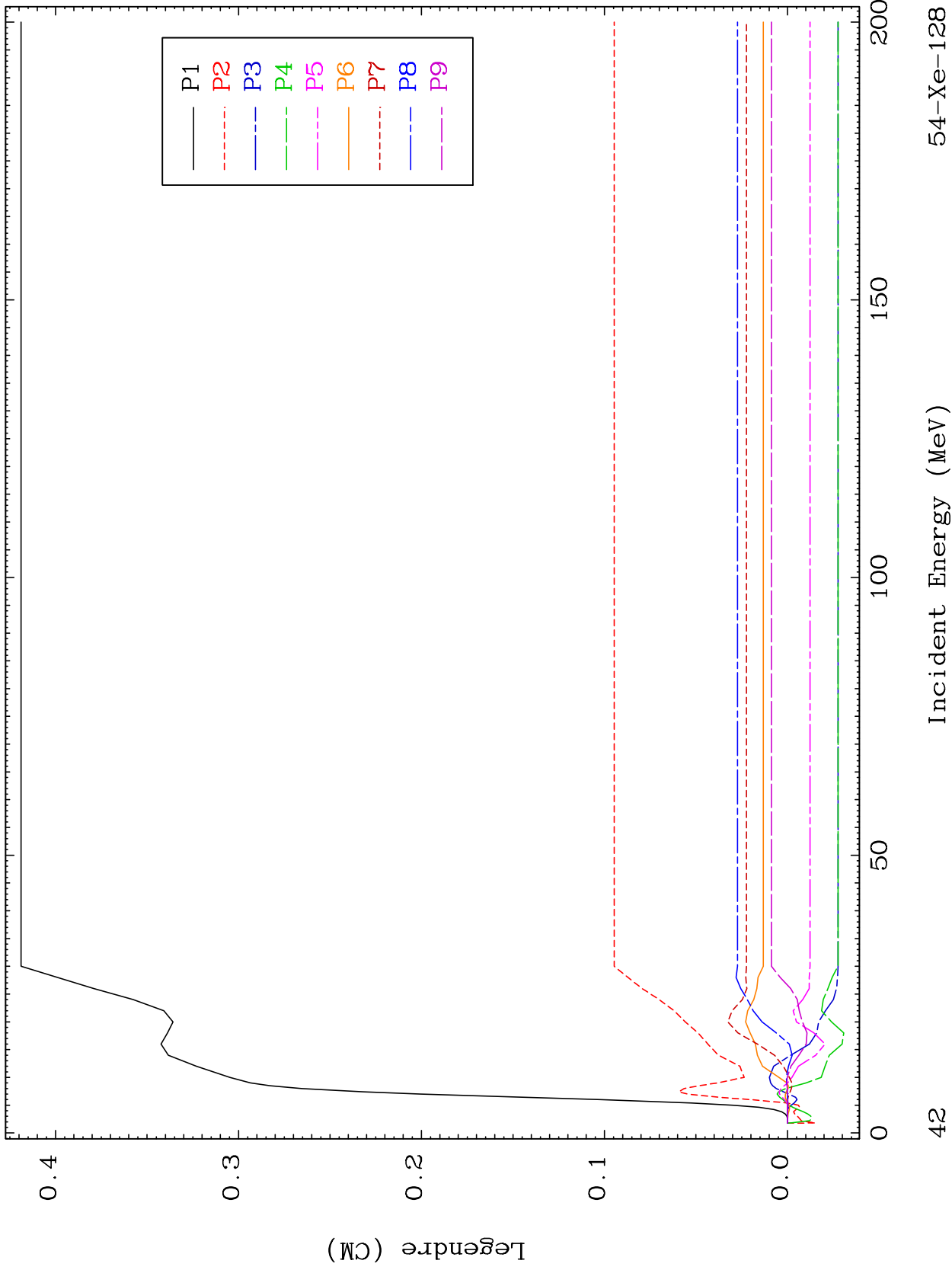


41

MAT 5437

1.737 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



42

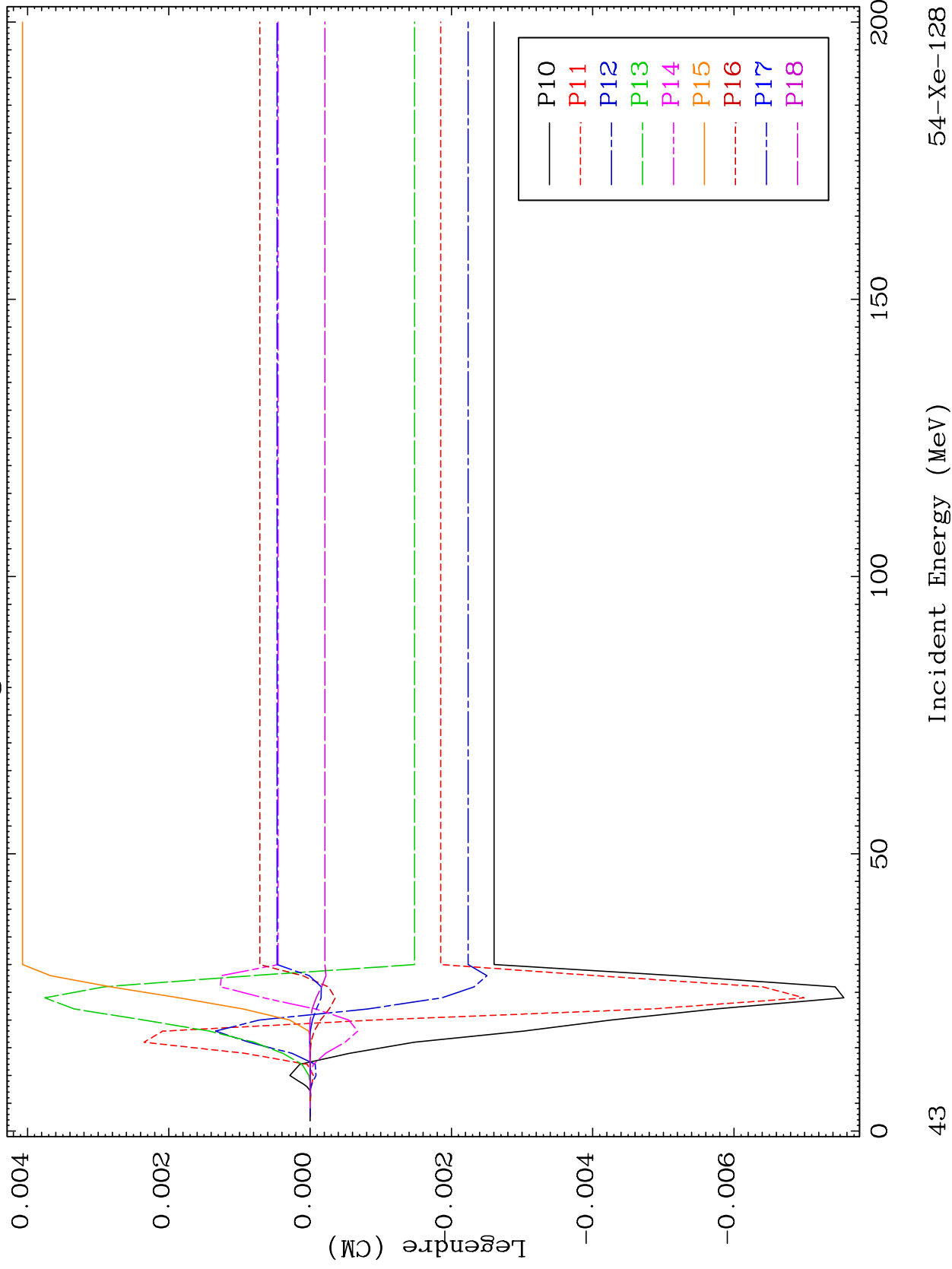
Incident Energy (MeV)

54-Xe-128

MAT 5437

1.737 MeV (n,n') Level
Legendre Coefficients

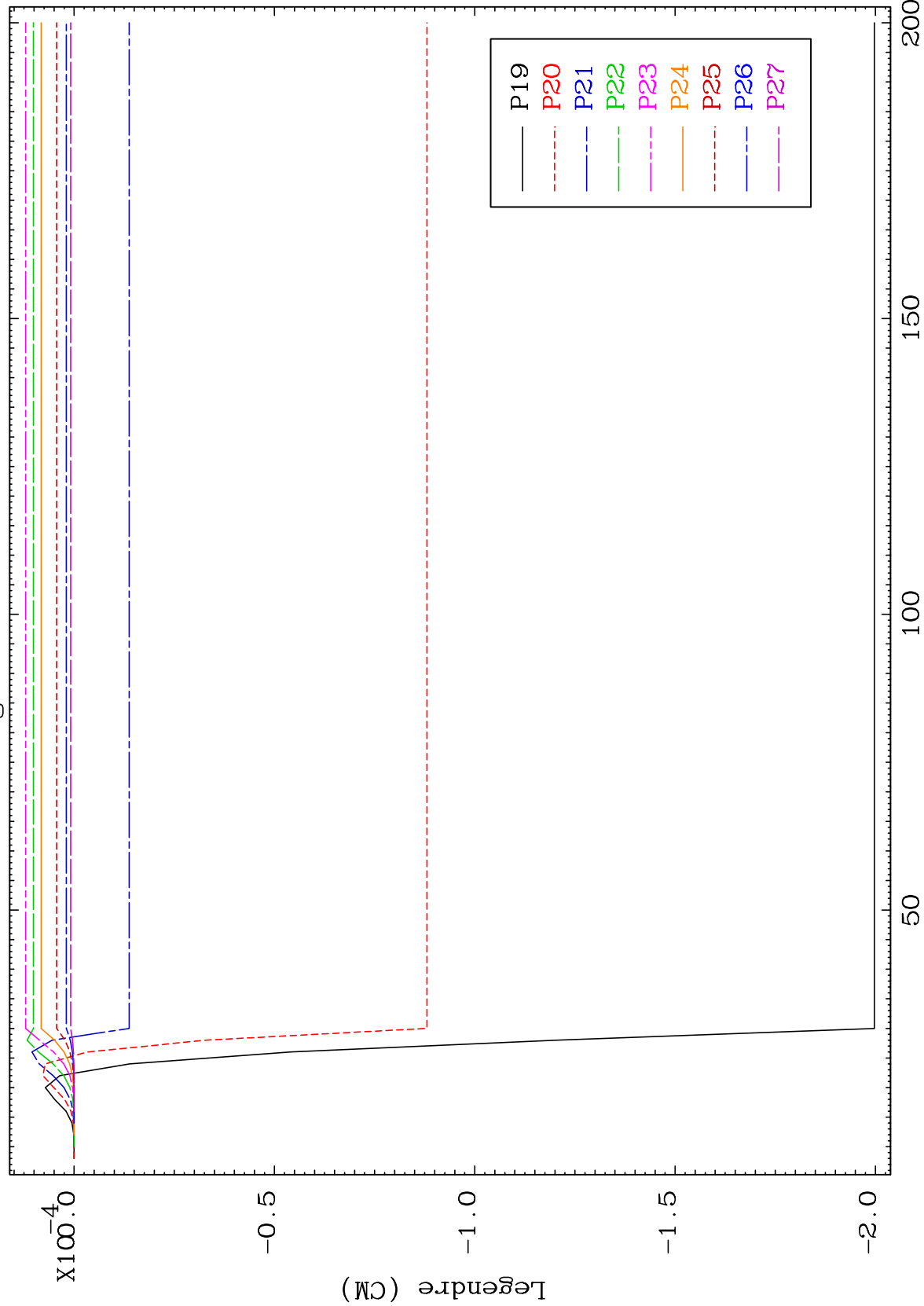
54-Xe-128



43

Incident Energy (MeV)

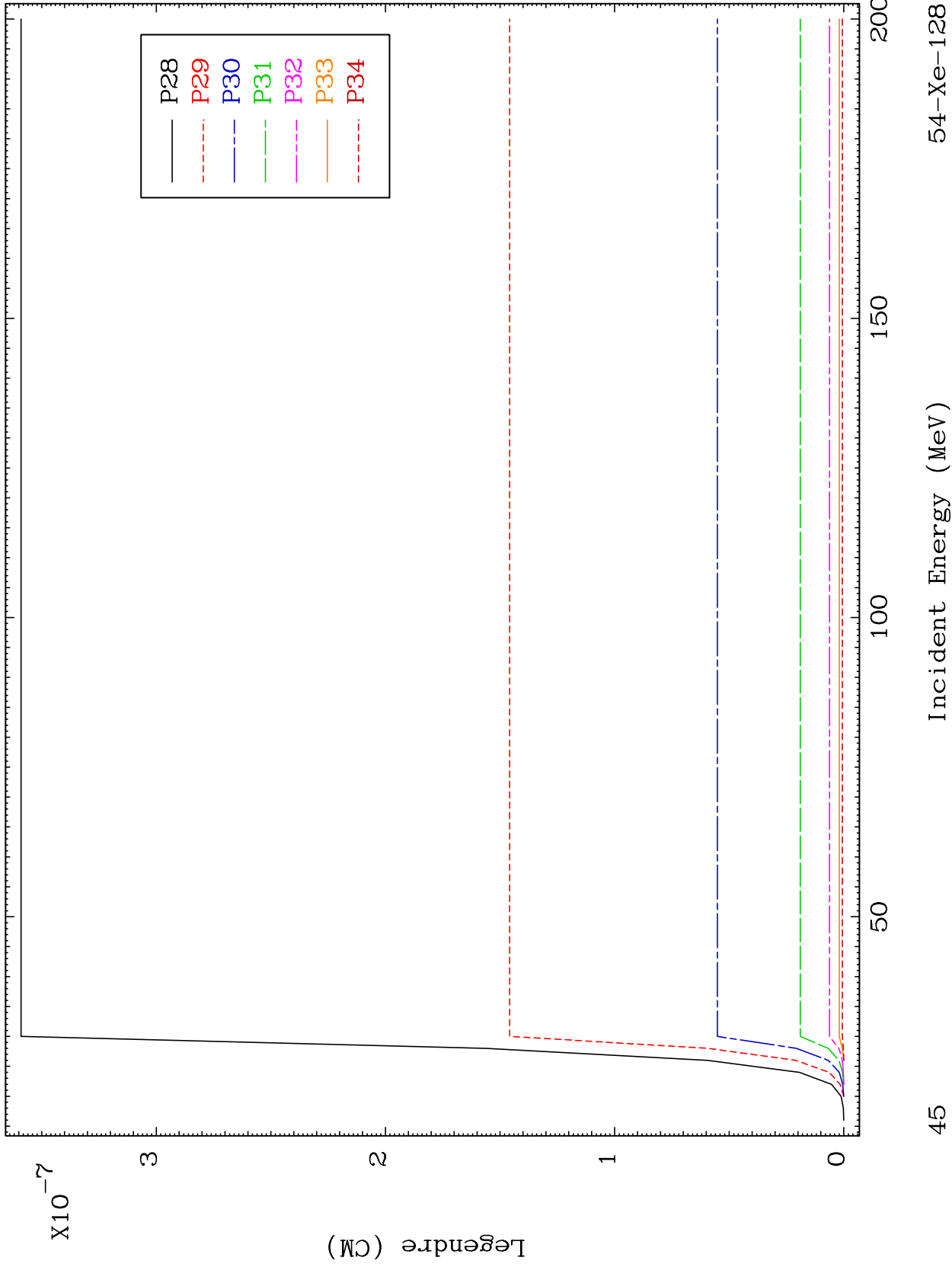
54-Xe-128



MAT 5437

1.737 MeV (n,n') Level
Legendre Coefficients

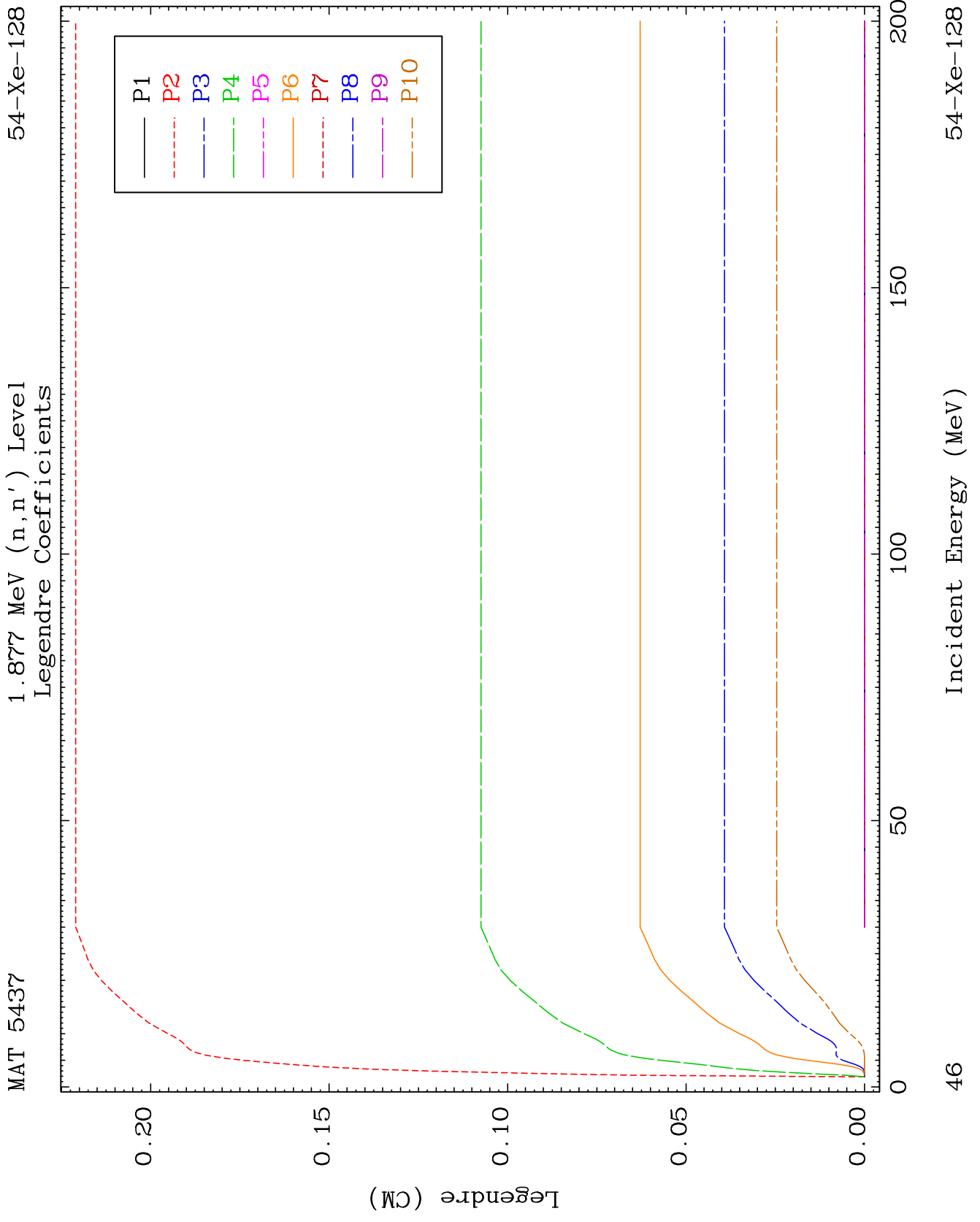
54-Xe-128

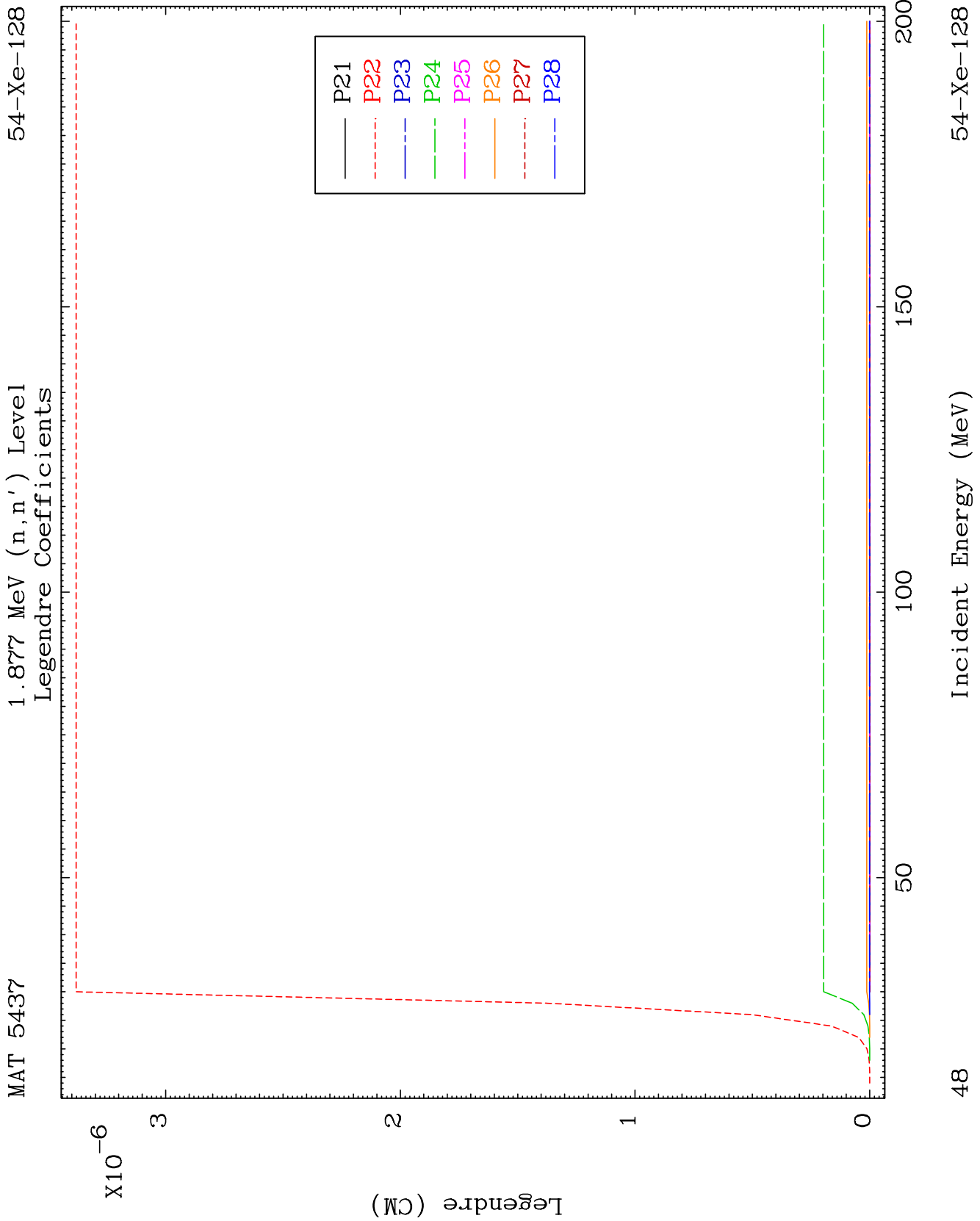


54-Xe-128

Incident Energy (MeV)

45

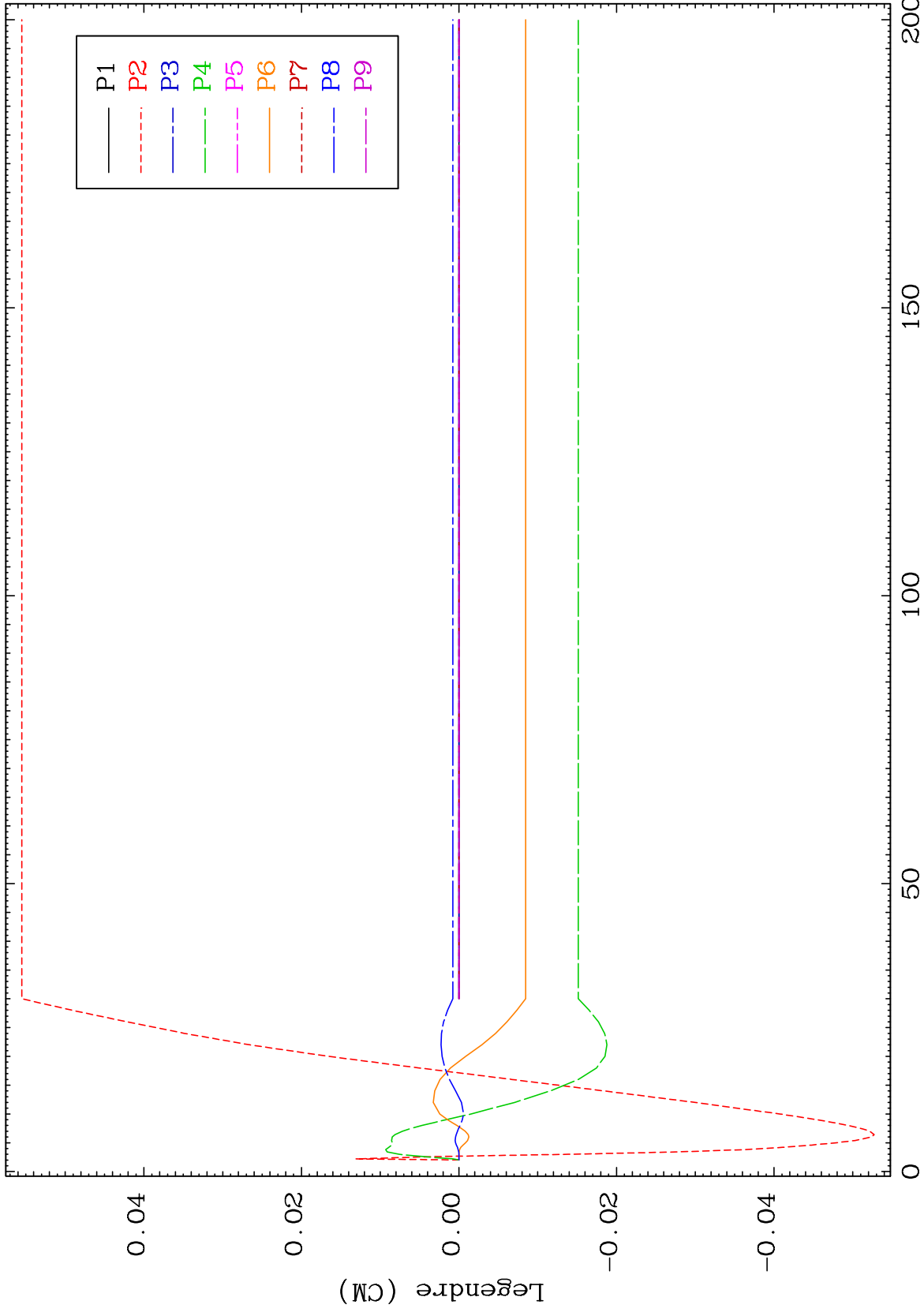




MAT 5437

1.997 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

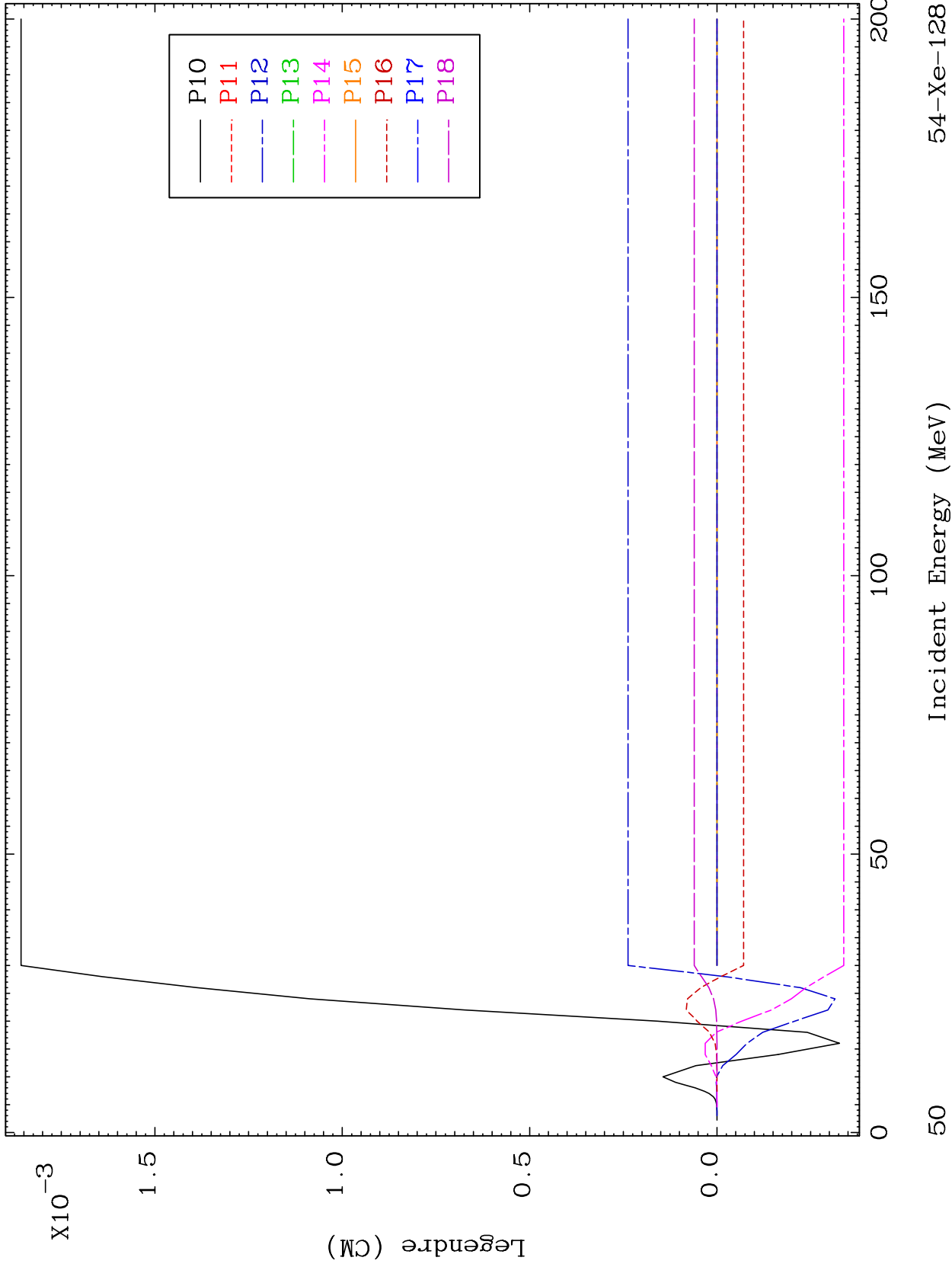
Incident Energy (MeV)

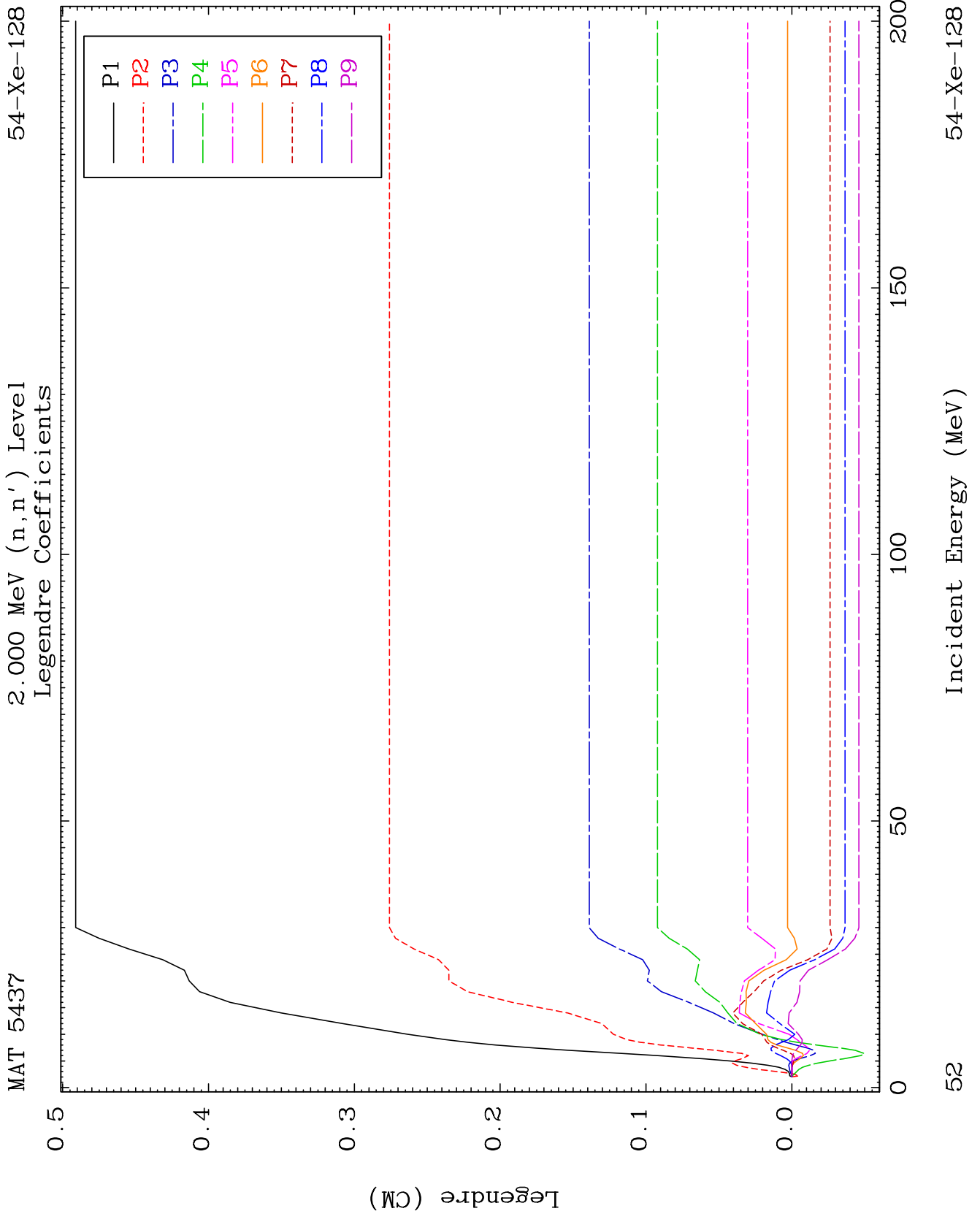
49

MAT 5437

1.997 MeV (n,n') Level
Legendre Coefficients

54-Xe-128

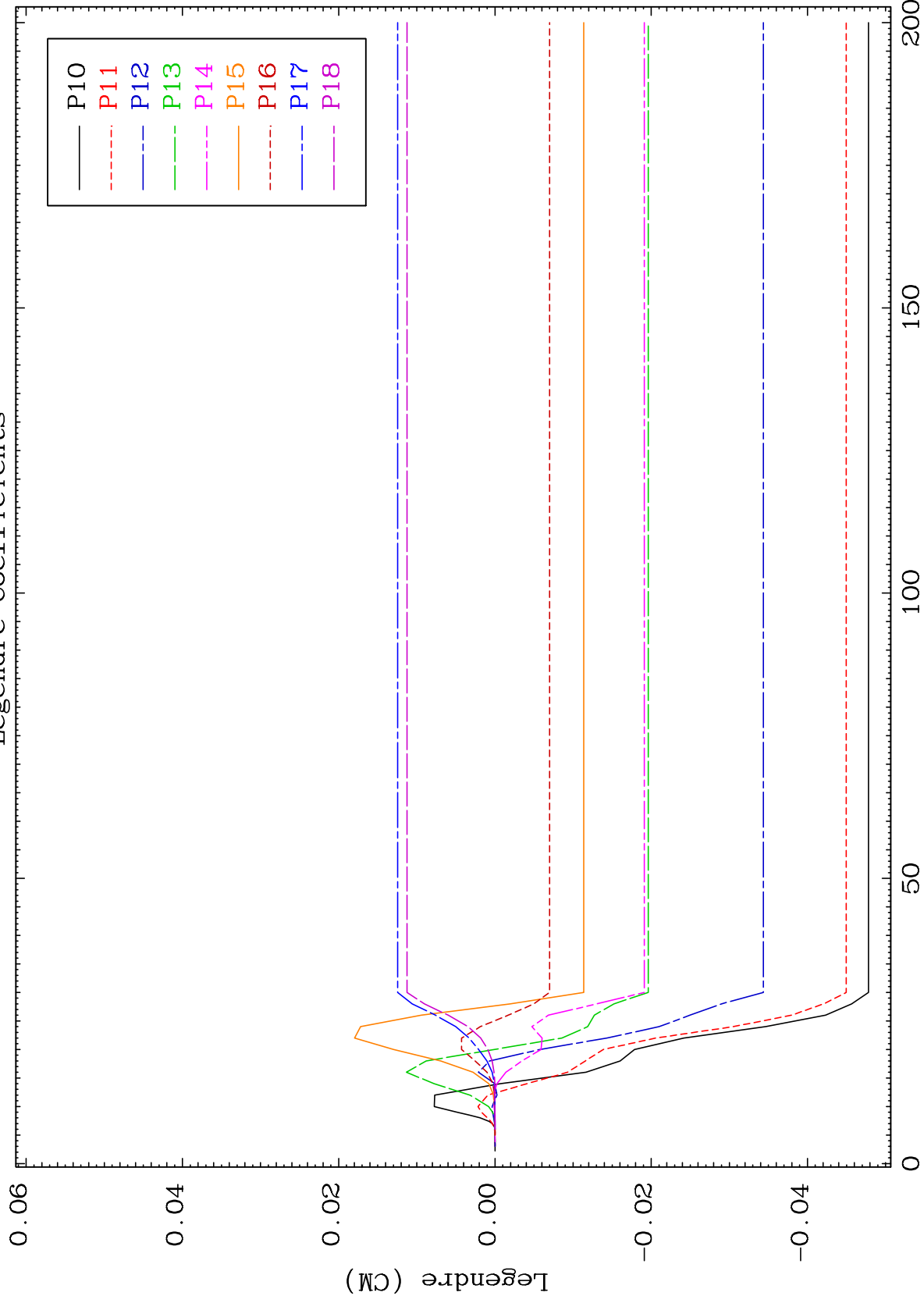




MAT 5437

2.000 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

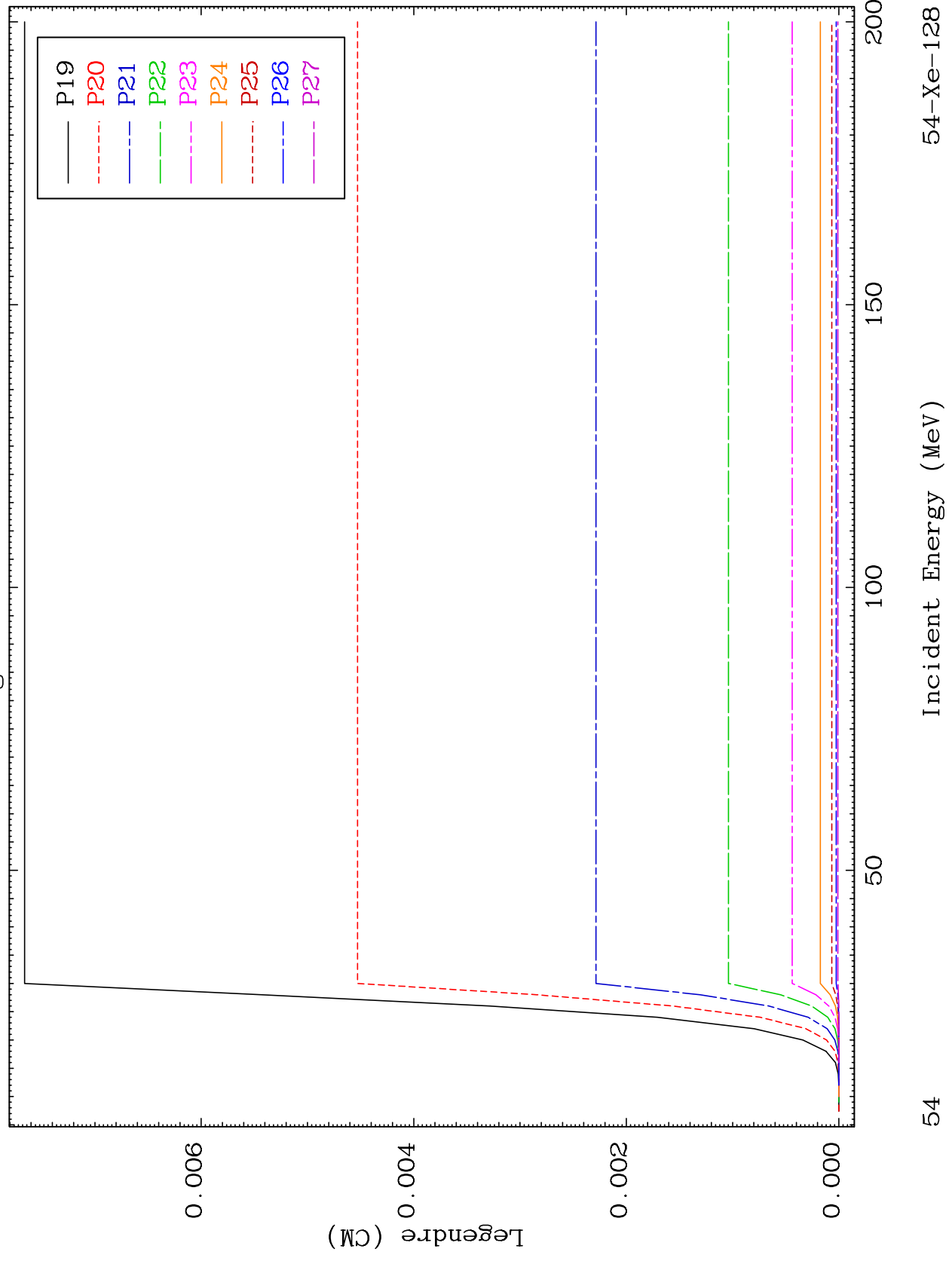
Incident Energy (MeV)

53

MAT 5437

2.000 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



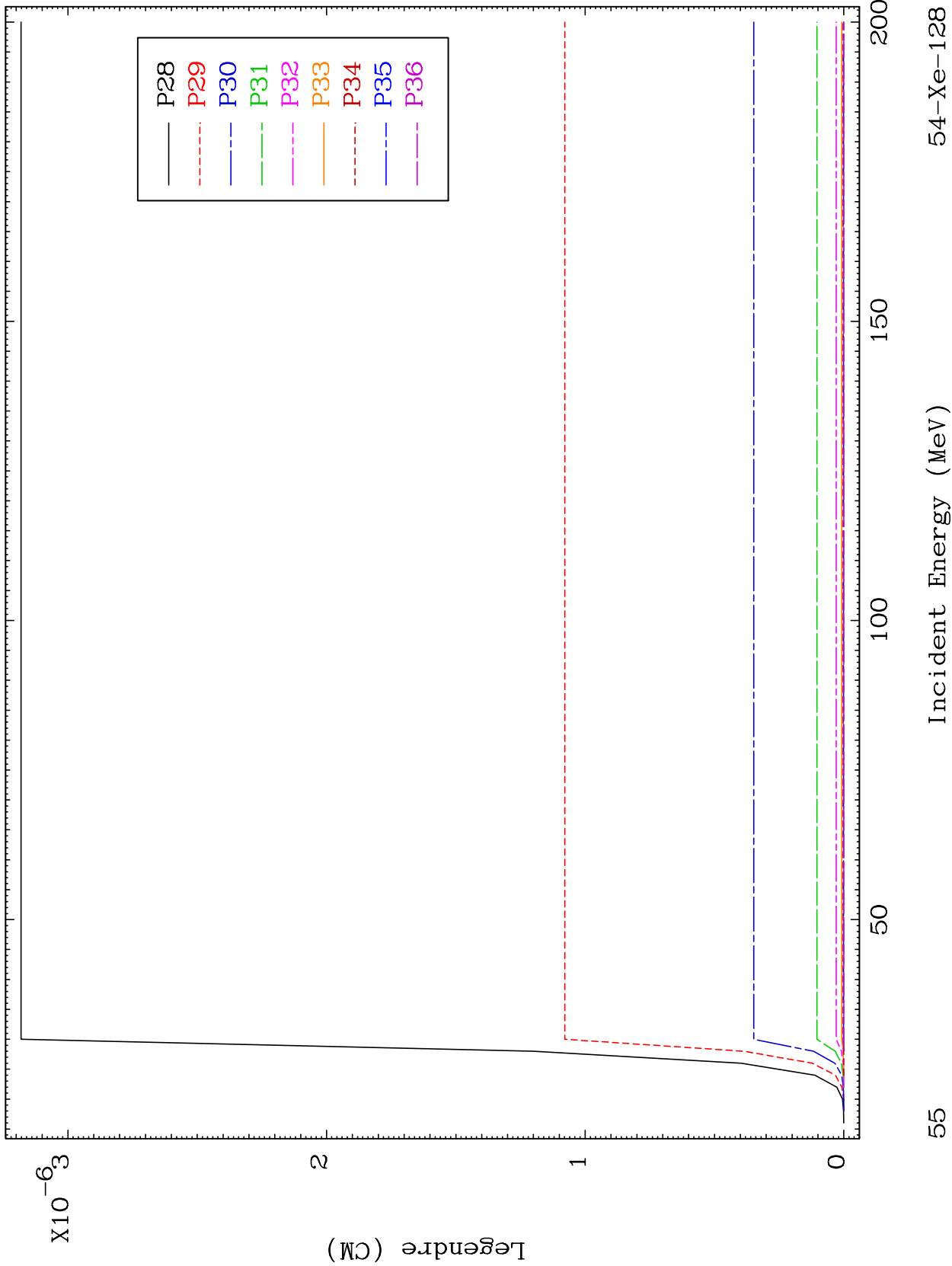
54

54-Xe-128

MAT 5437

2.000 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



55

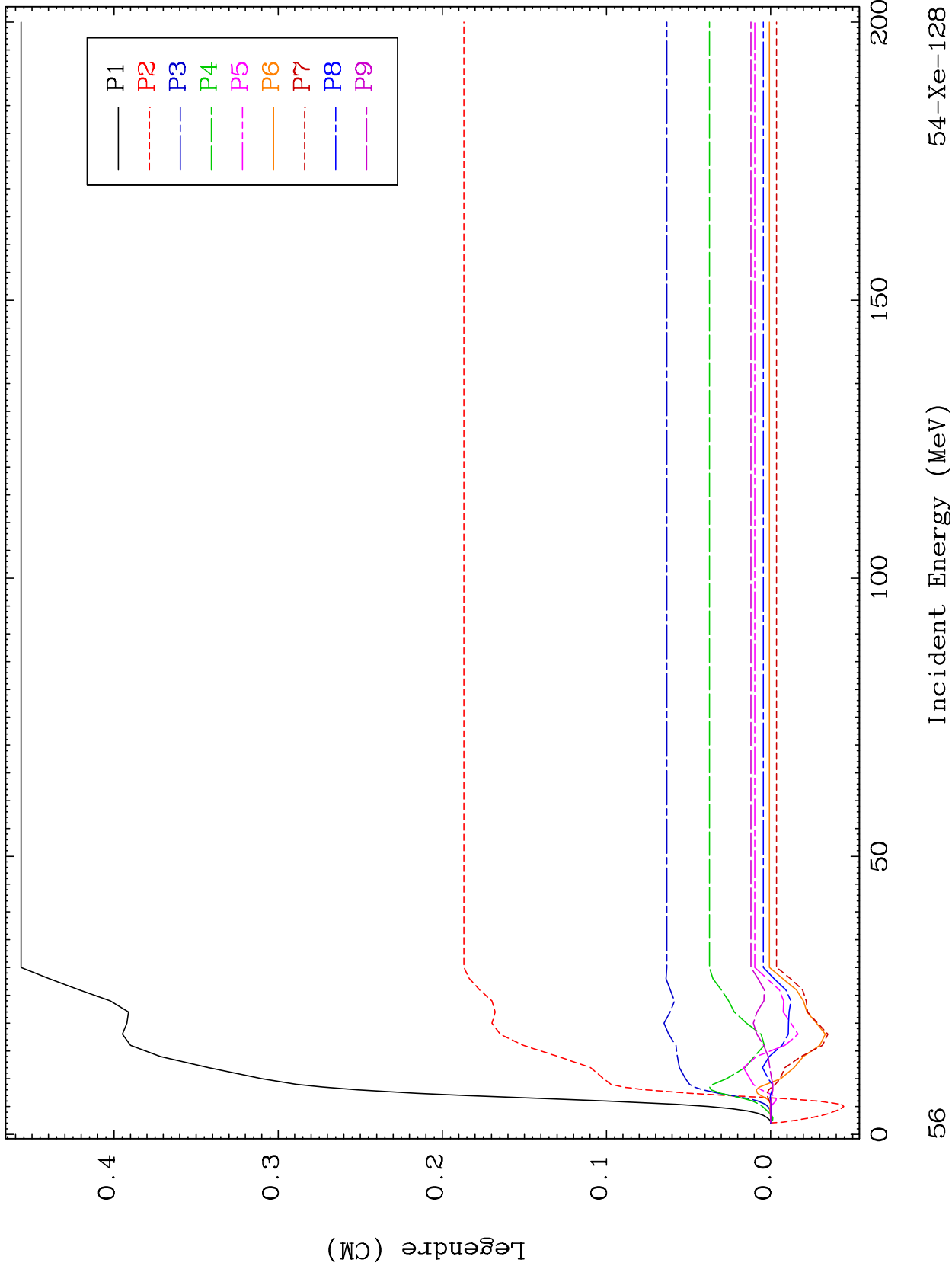
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.023 MeV (n,n') Level
Legendre Coefficients

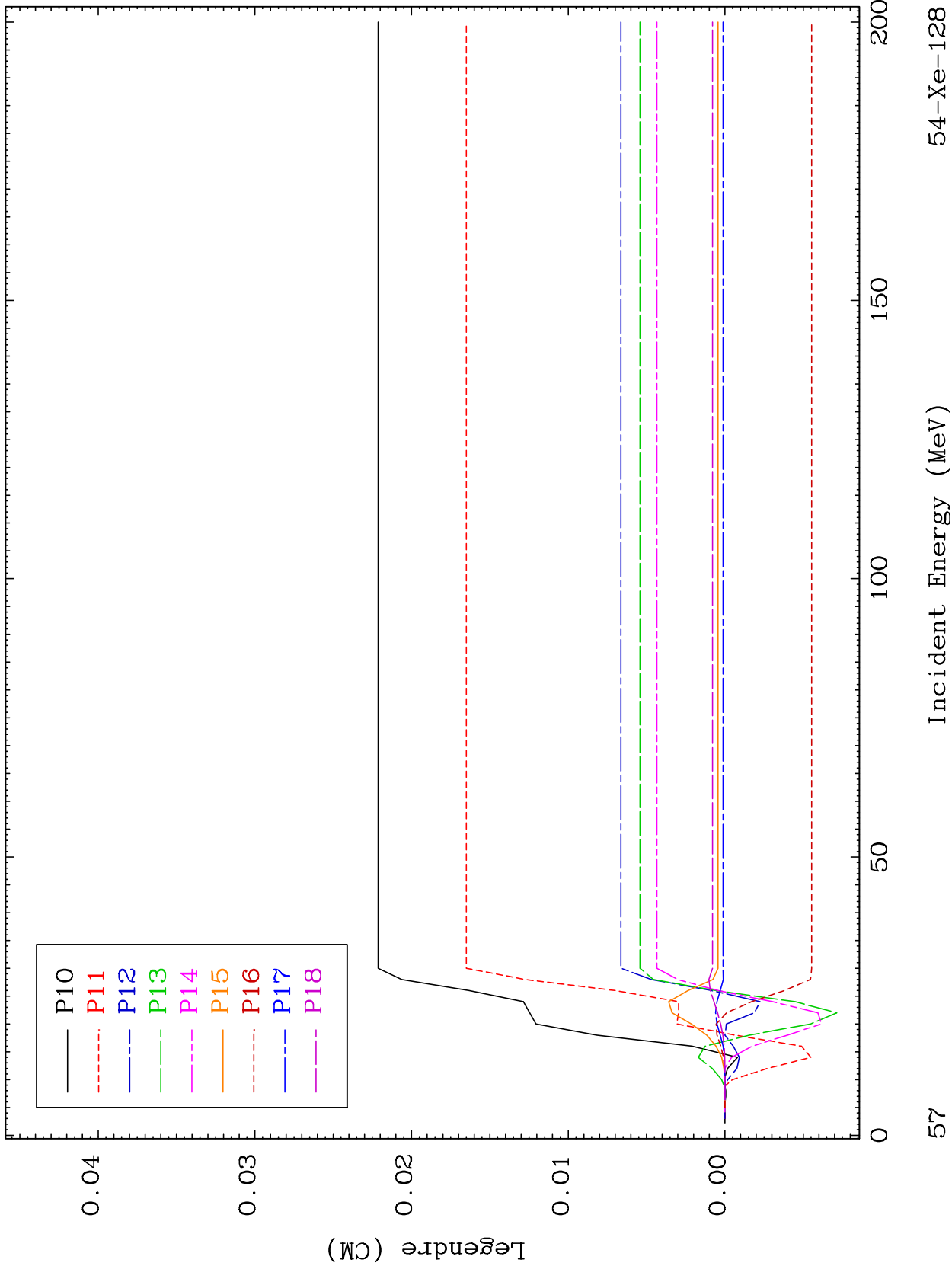
54-Xe-128

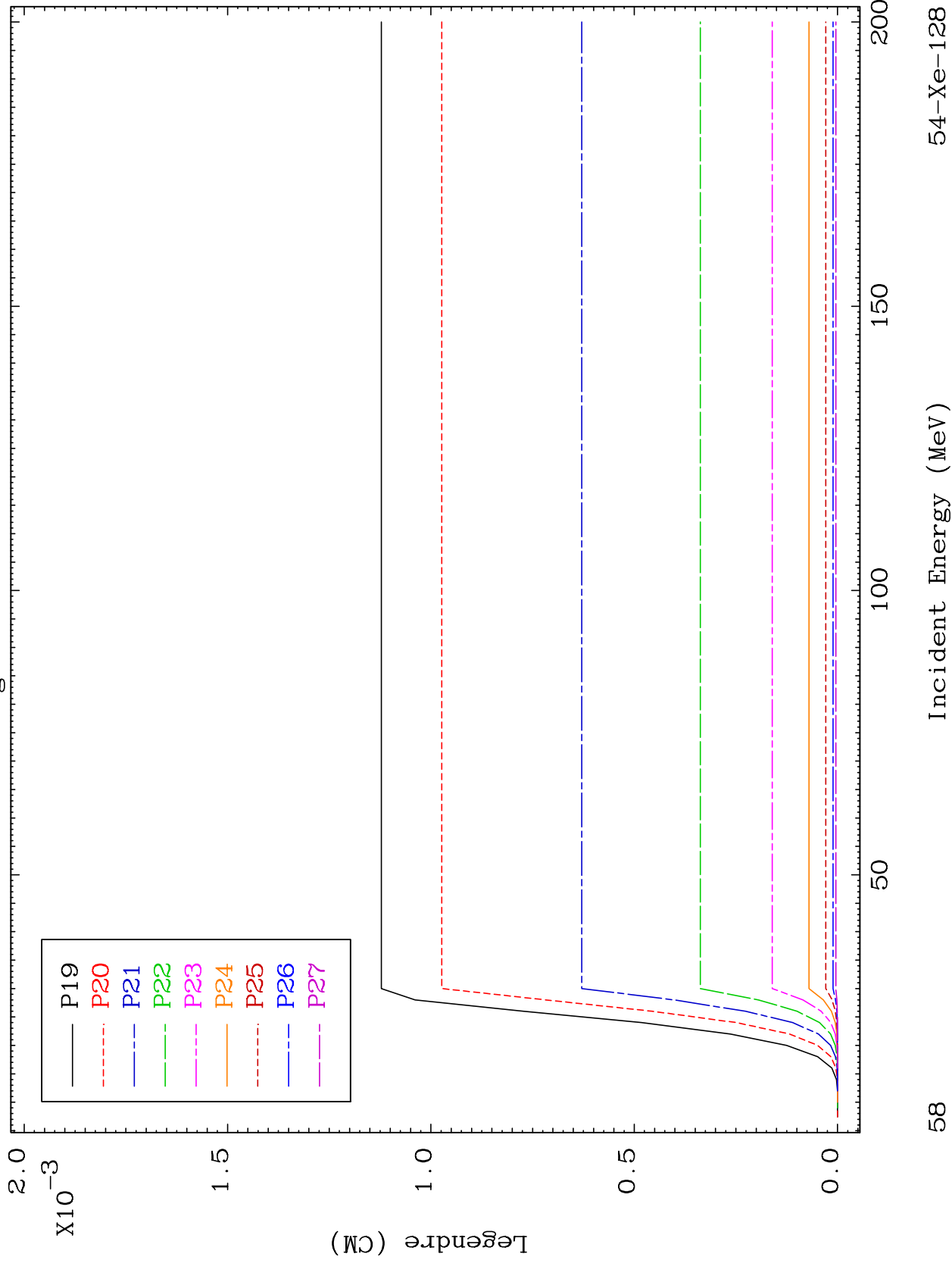


54-Xe-128

Incident Energy (MeV)

56

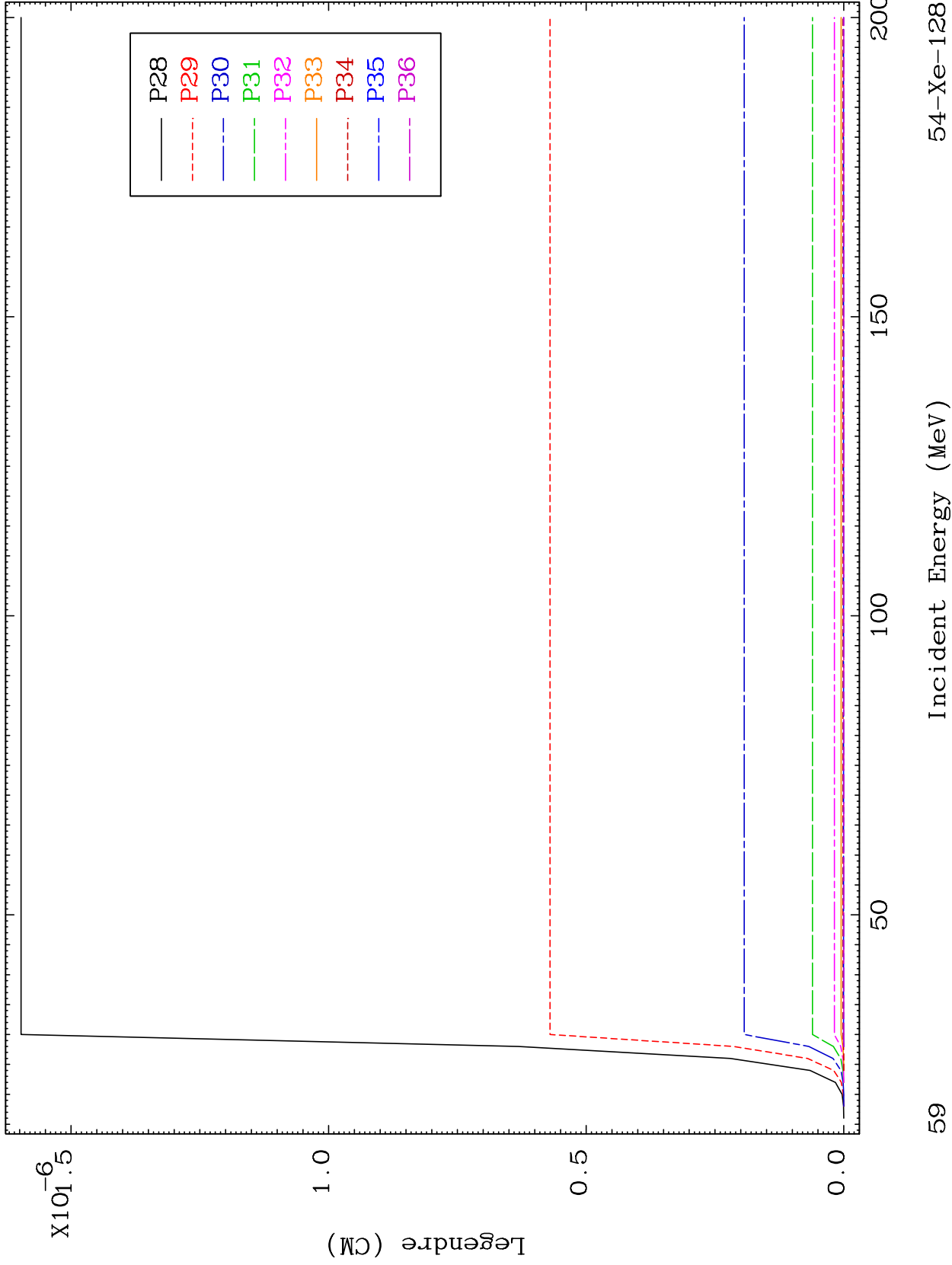




MAT 5437

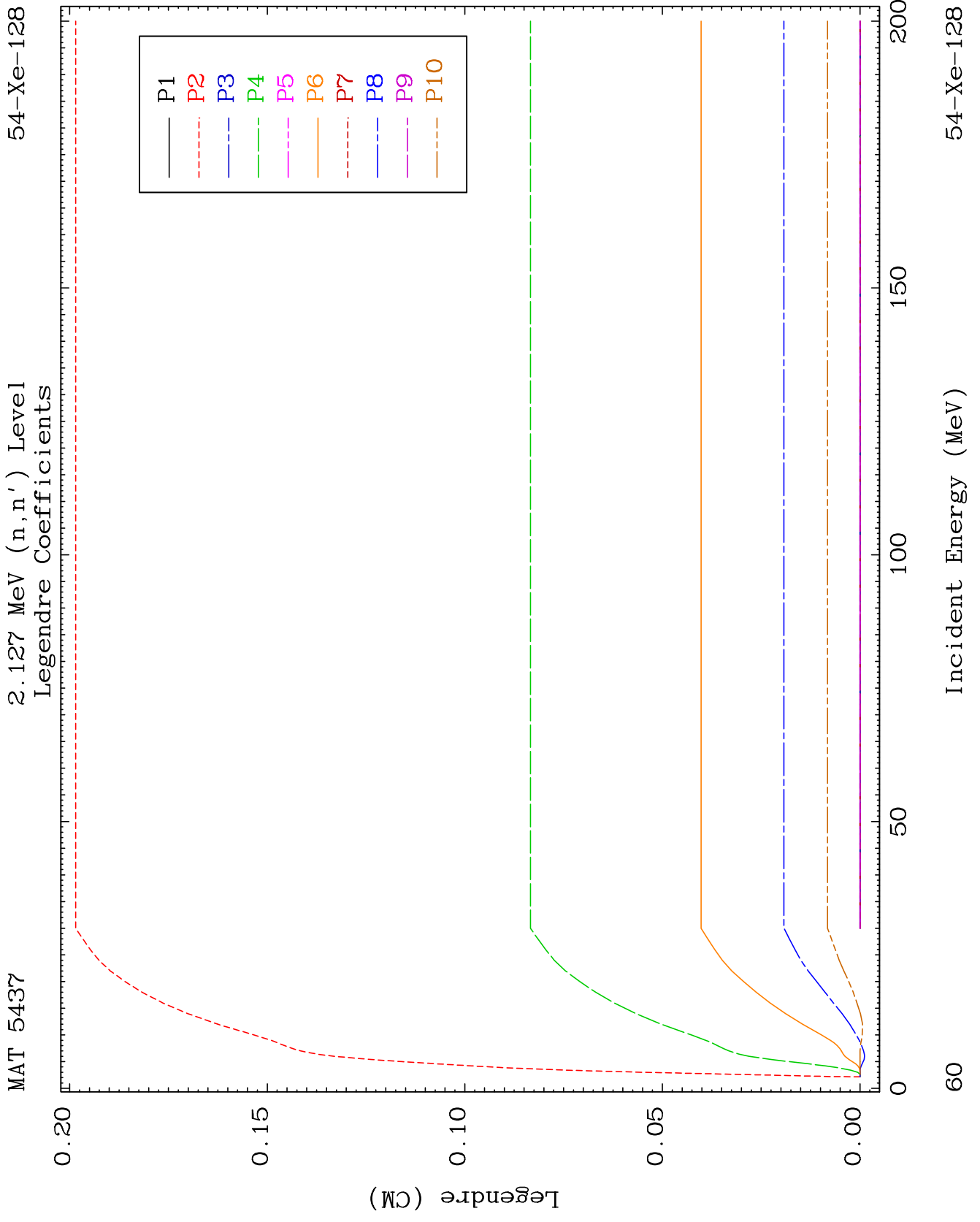
2.023 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



59

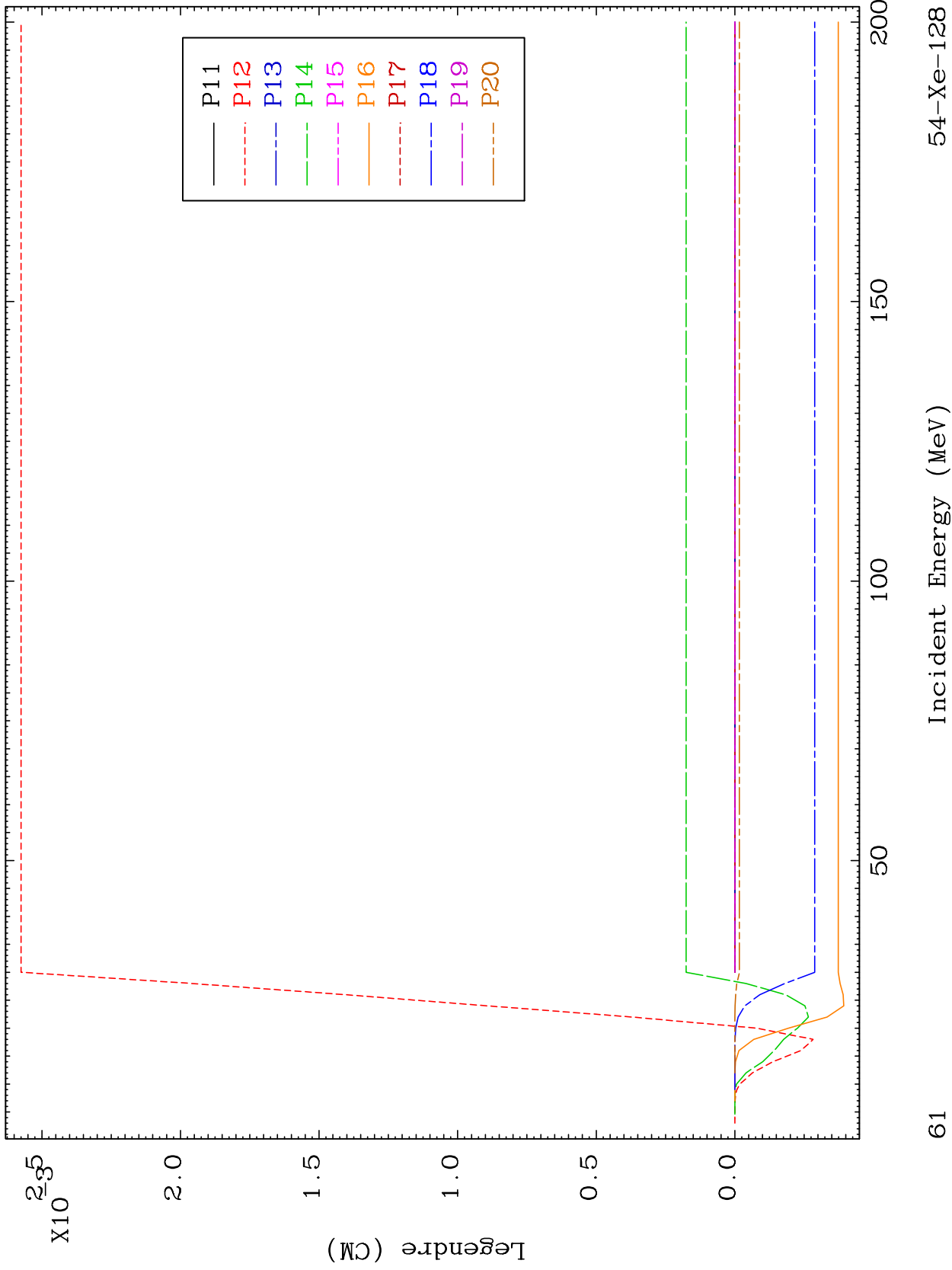
54-Xe-128



MAT 5437

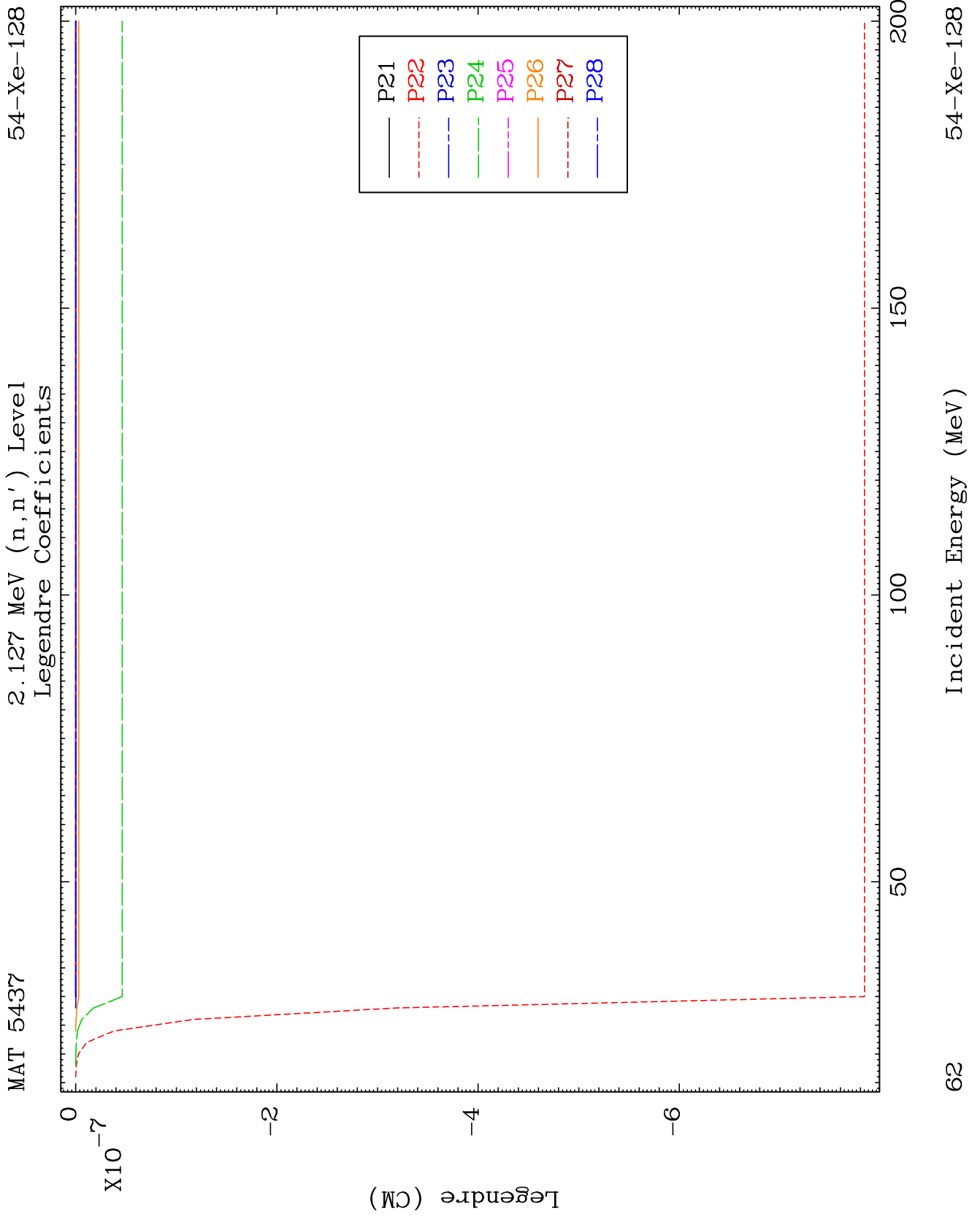
2.127 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



61

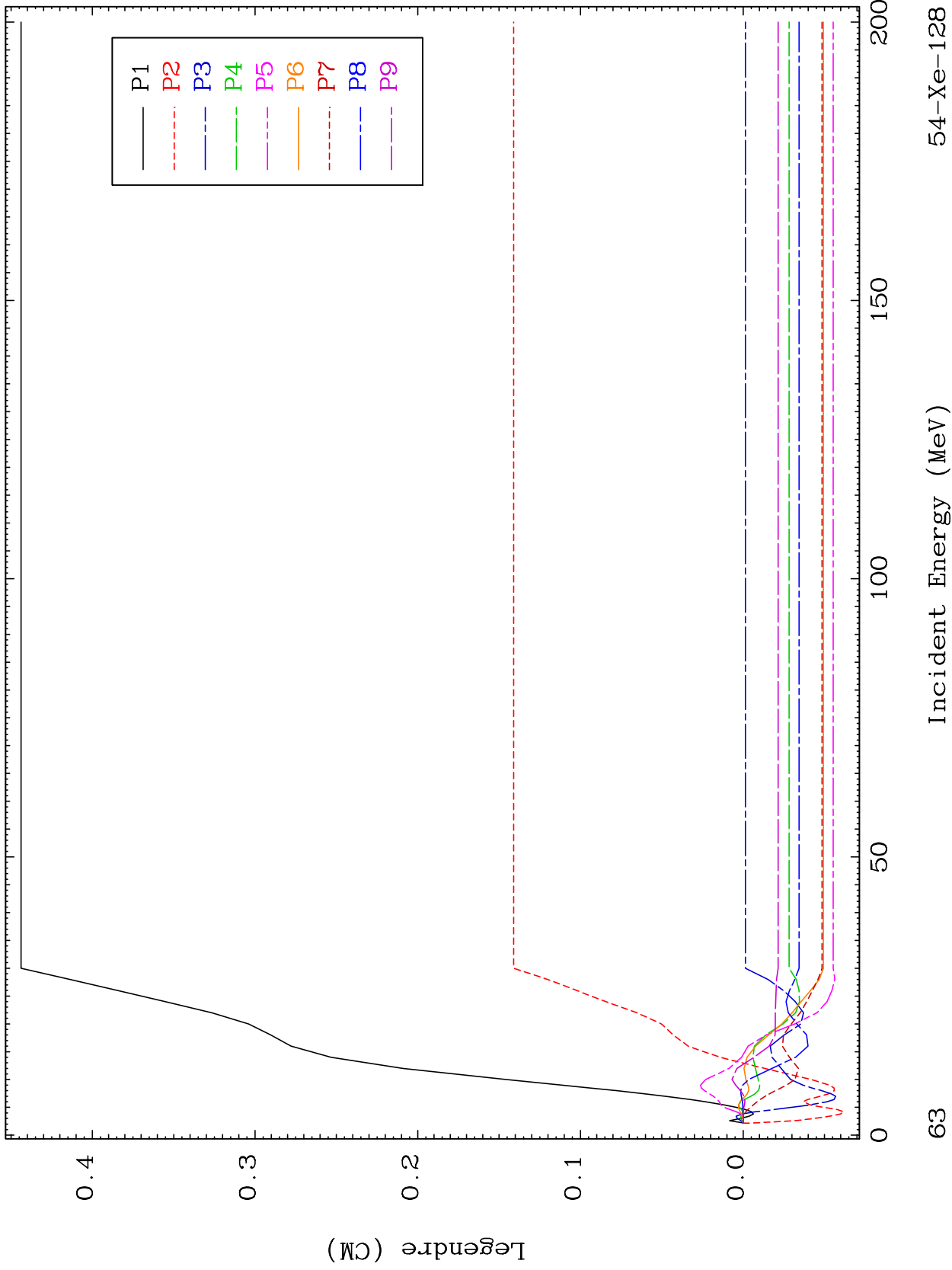
54-Xe-128



MAT 5437

2.139 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

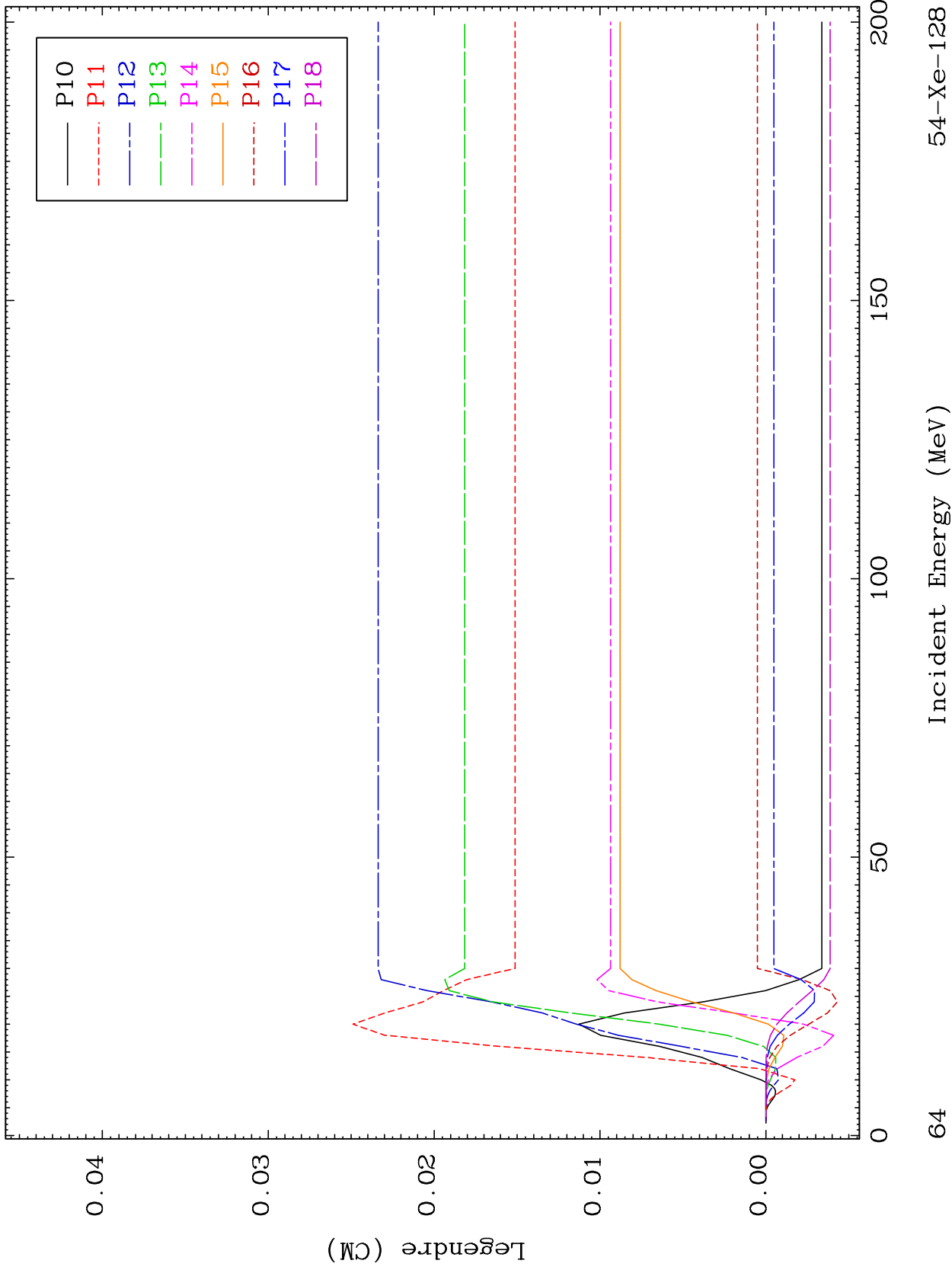
Incident Energy (MeV)

63

MAT 5437

2.139 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



64

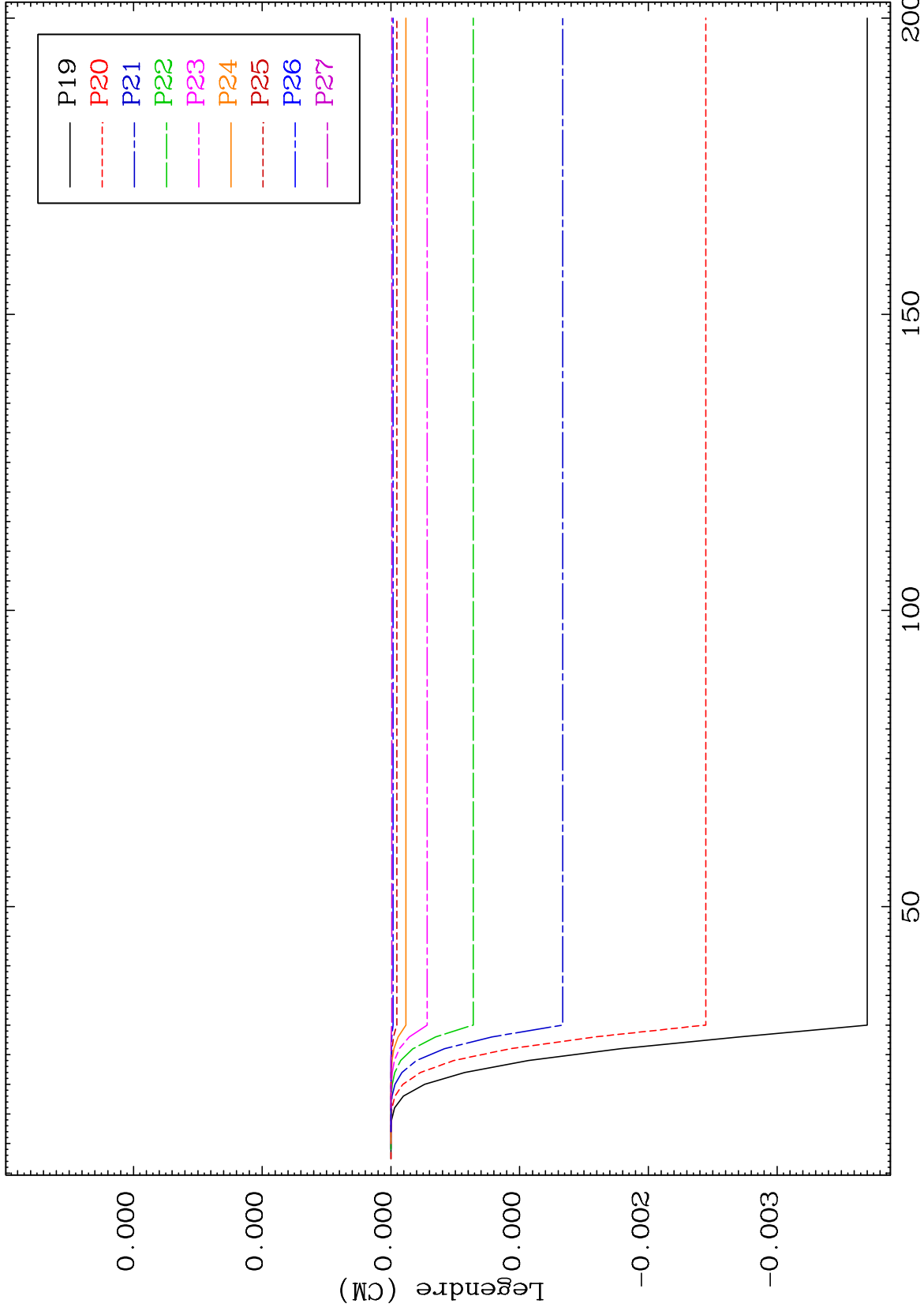
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.139 MeV (n,n') Level
Legendre Coefficients

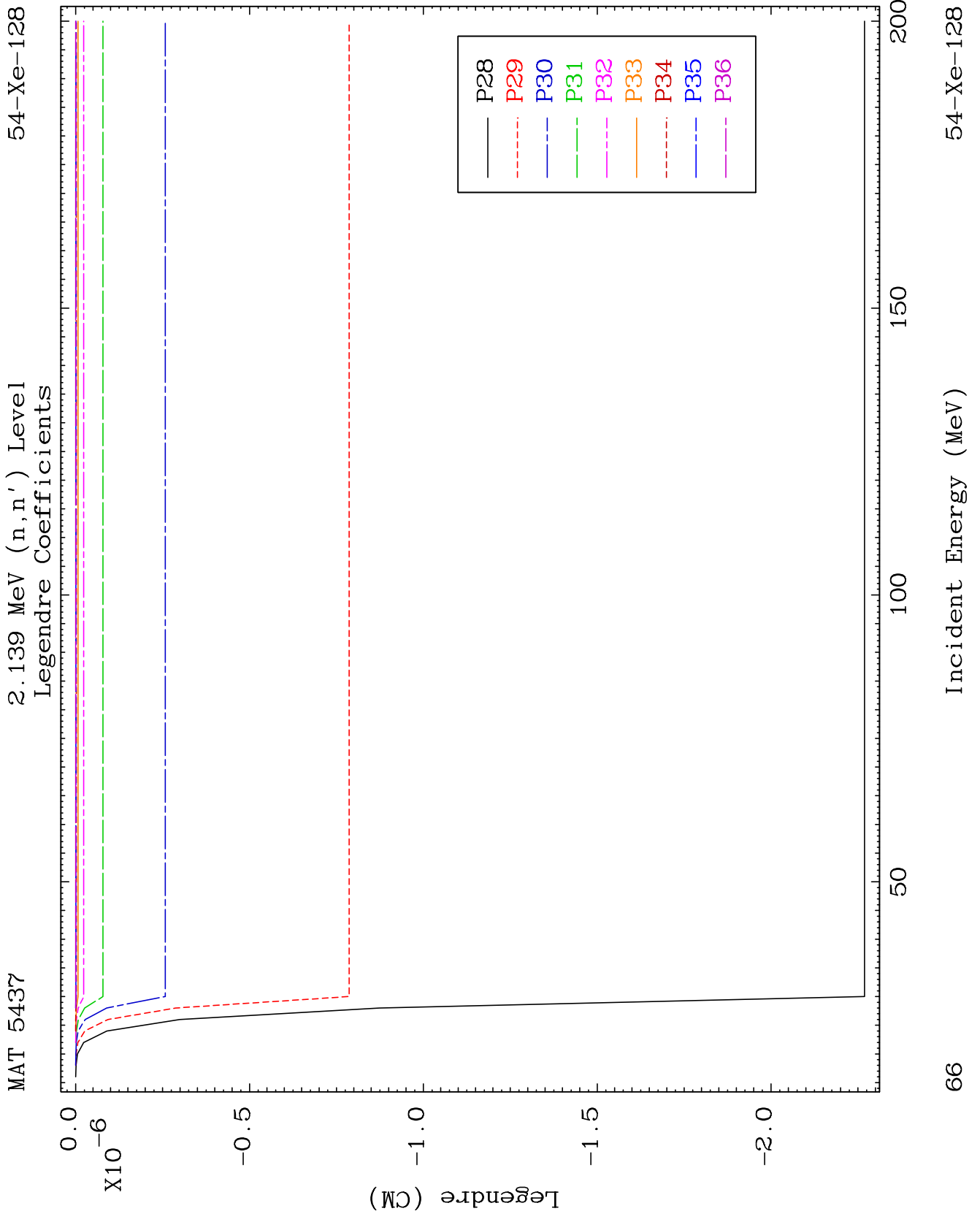
54-Xe-128



65

Incident Energy (MeV)

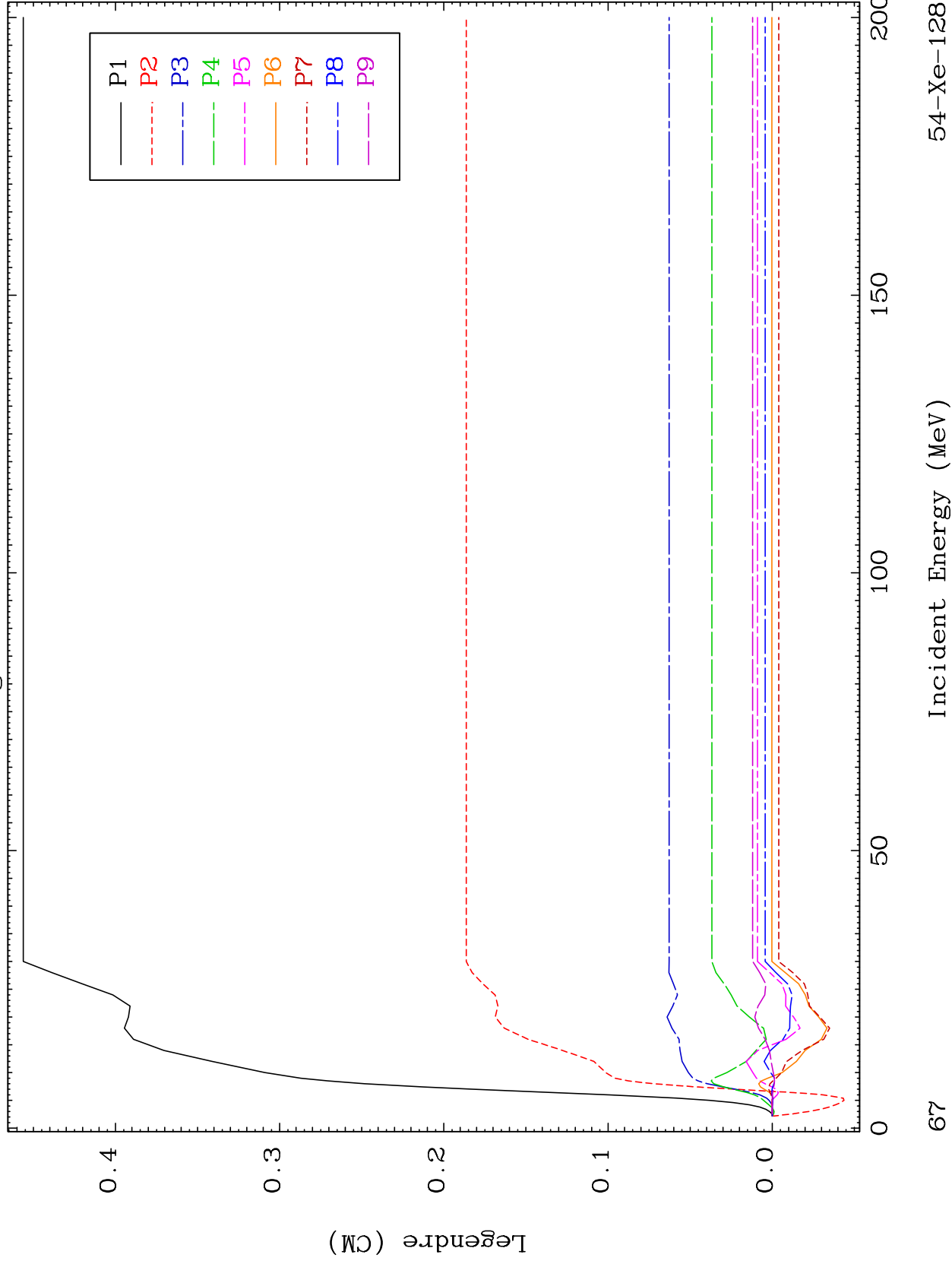
54-Xe-128



MAT 5437

2.166 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

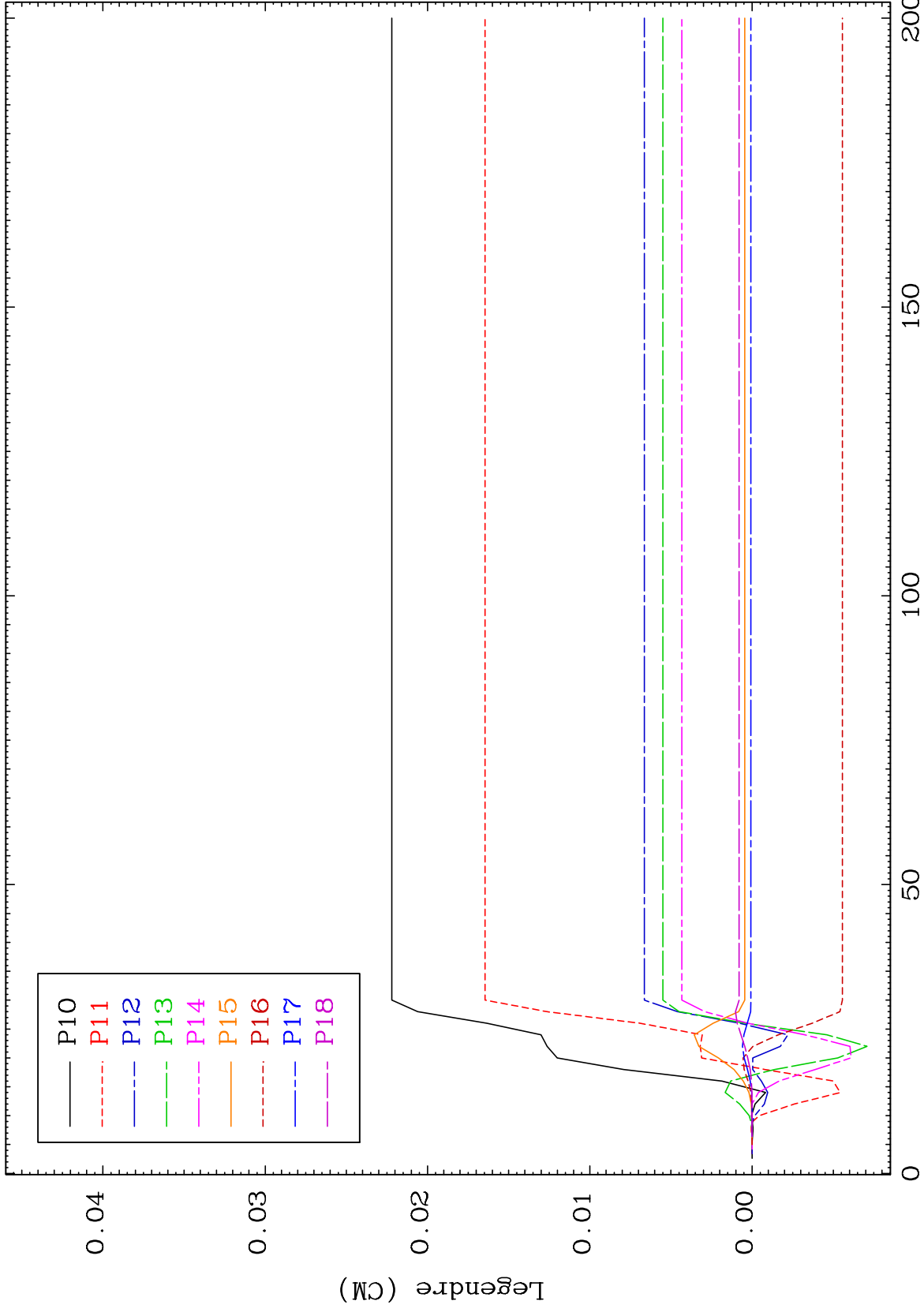
Incident Energy (MeV)

67

MAT 5437

2.166 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



68

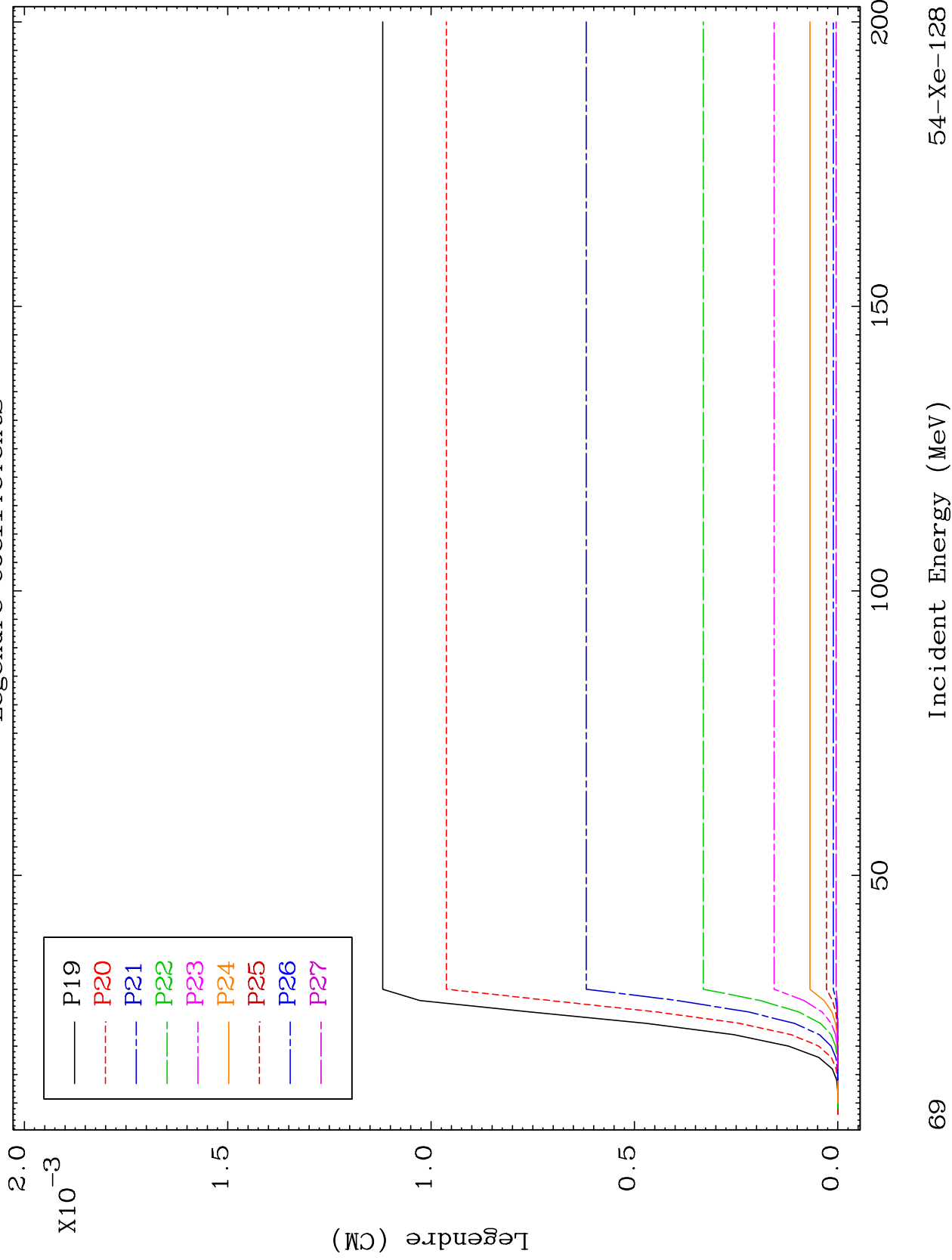
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.166 MeV (n,n') Level
Legendre Coefficients

54-Xe-128

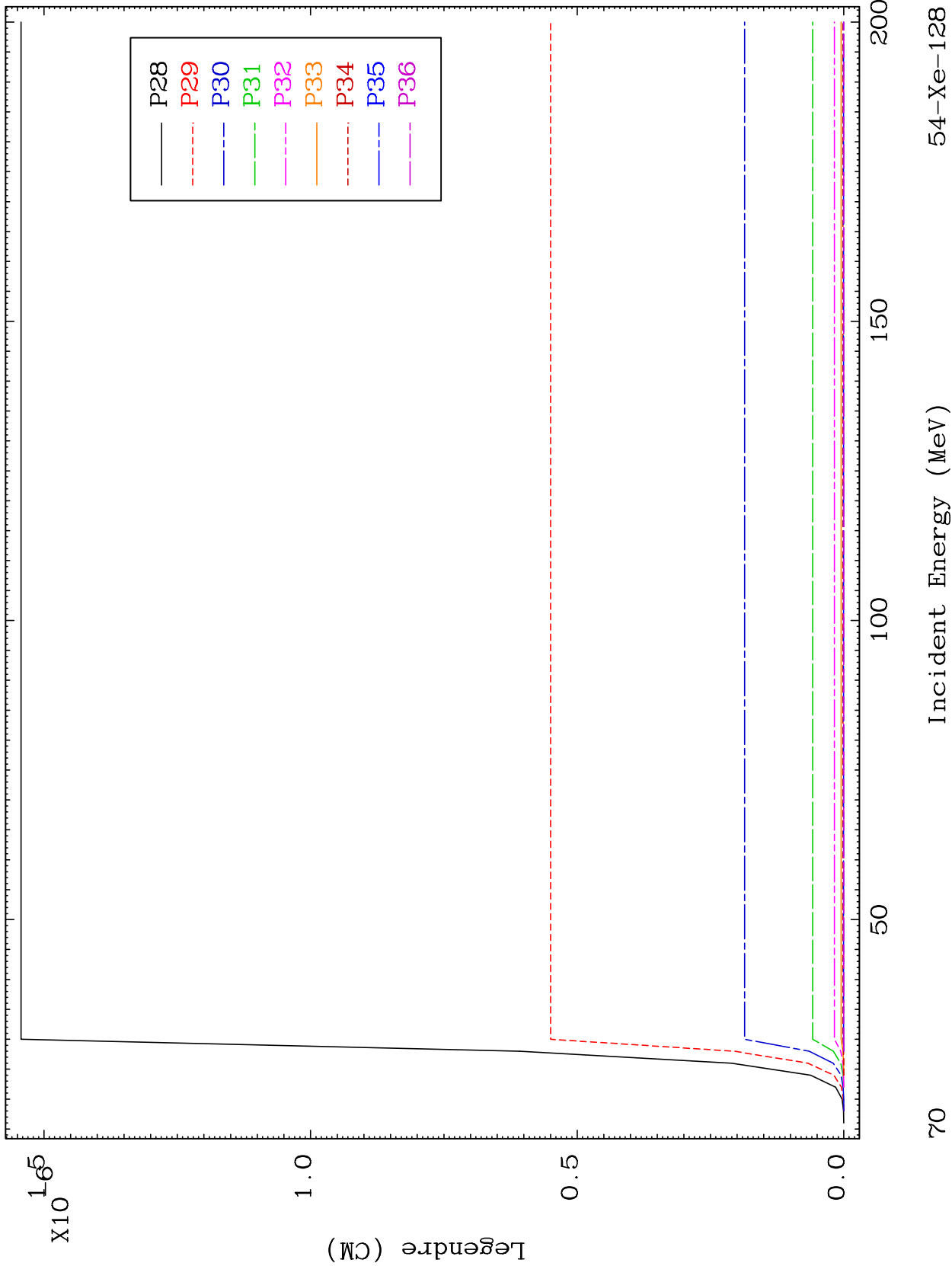


69

MAT 5437

2.166 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



70

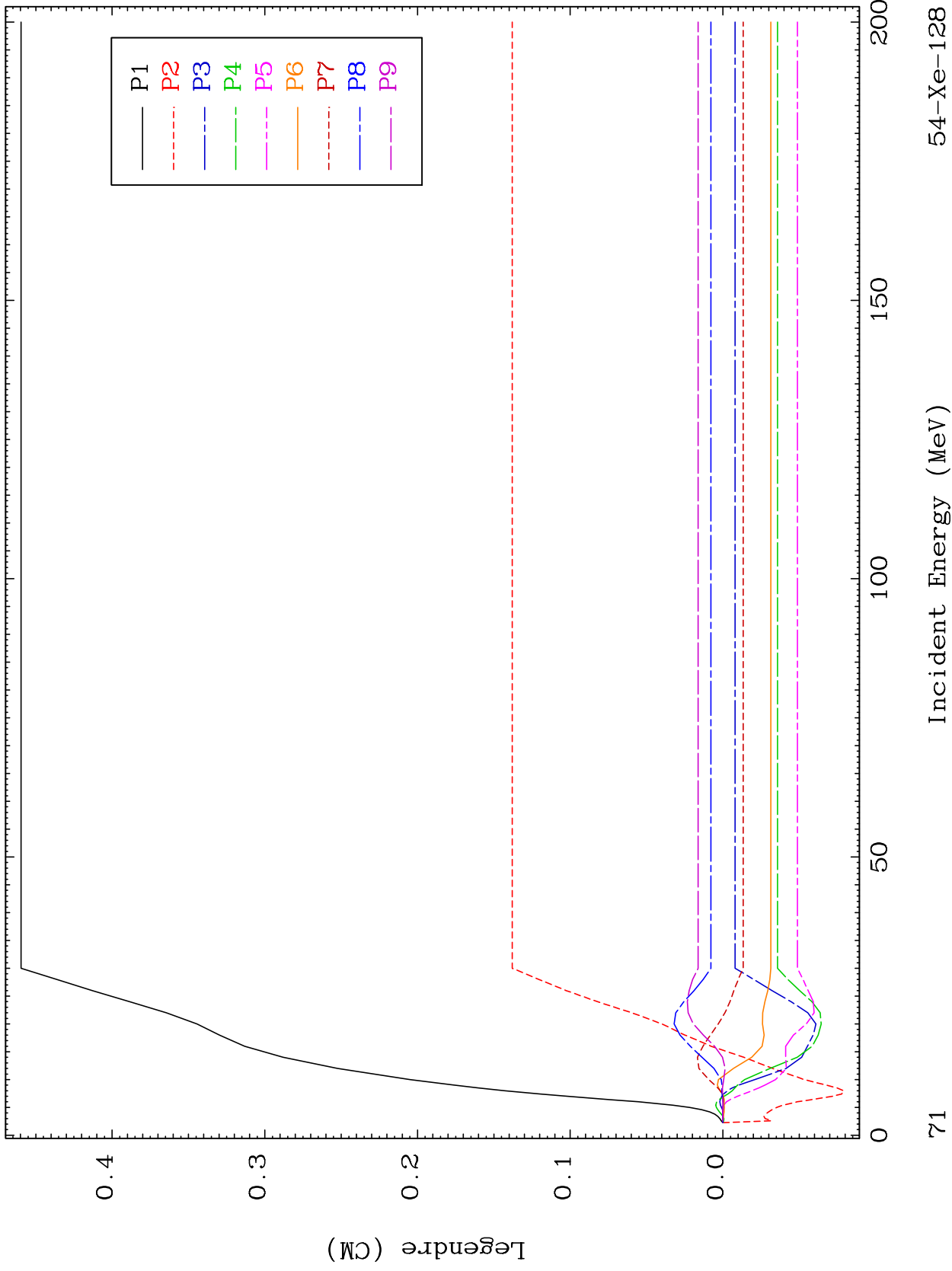
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.229 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



71

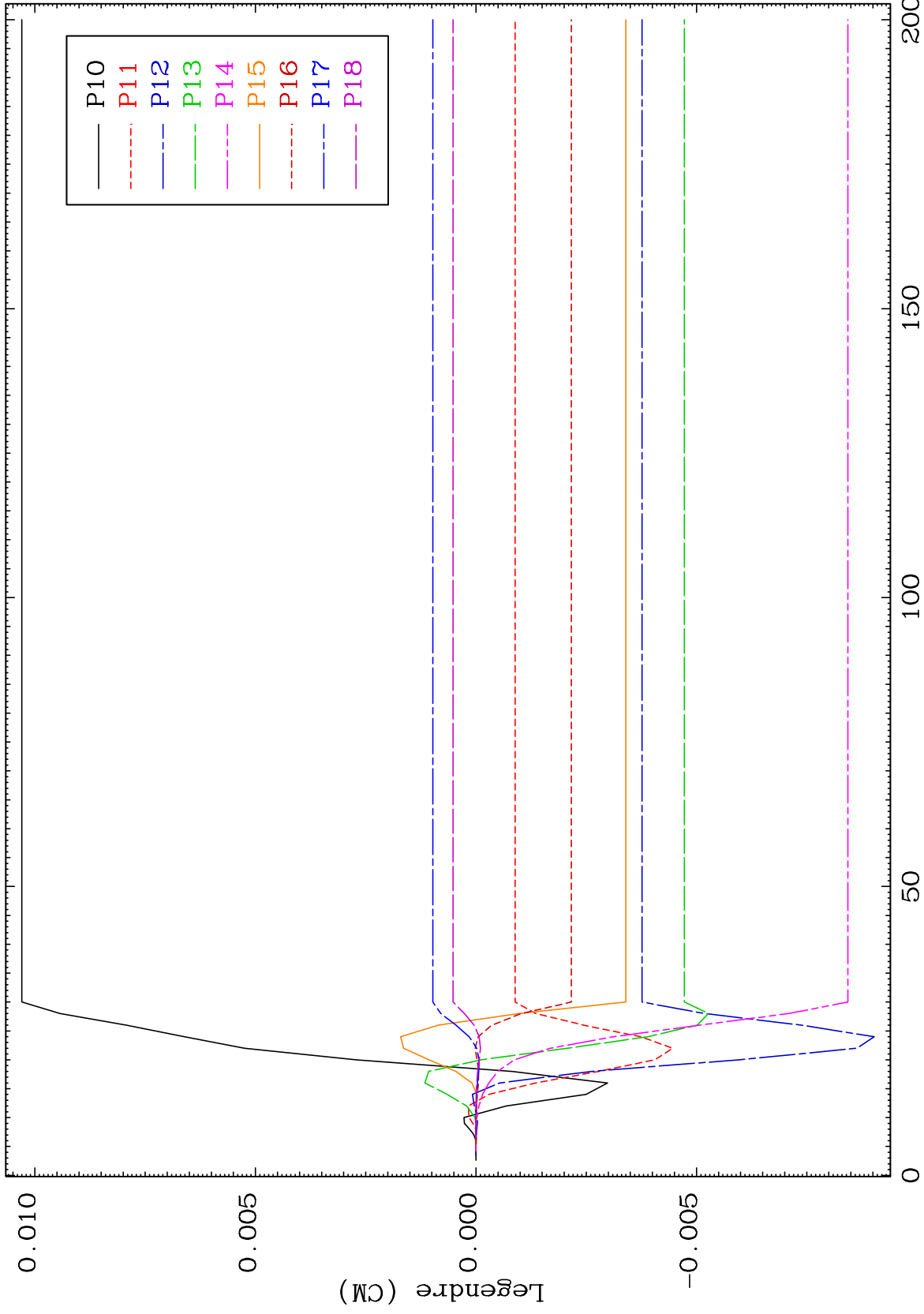
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.229 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



72

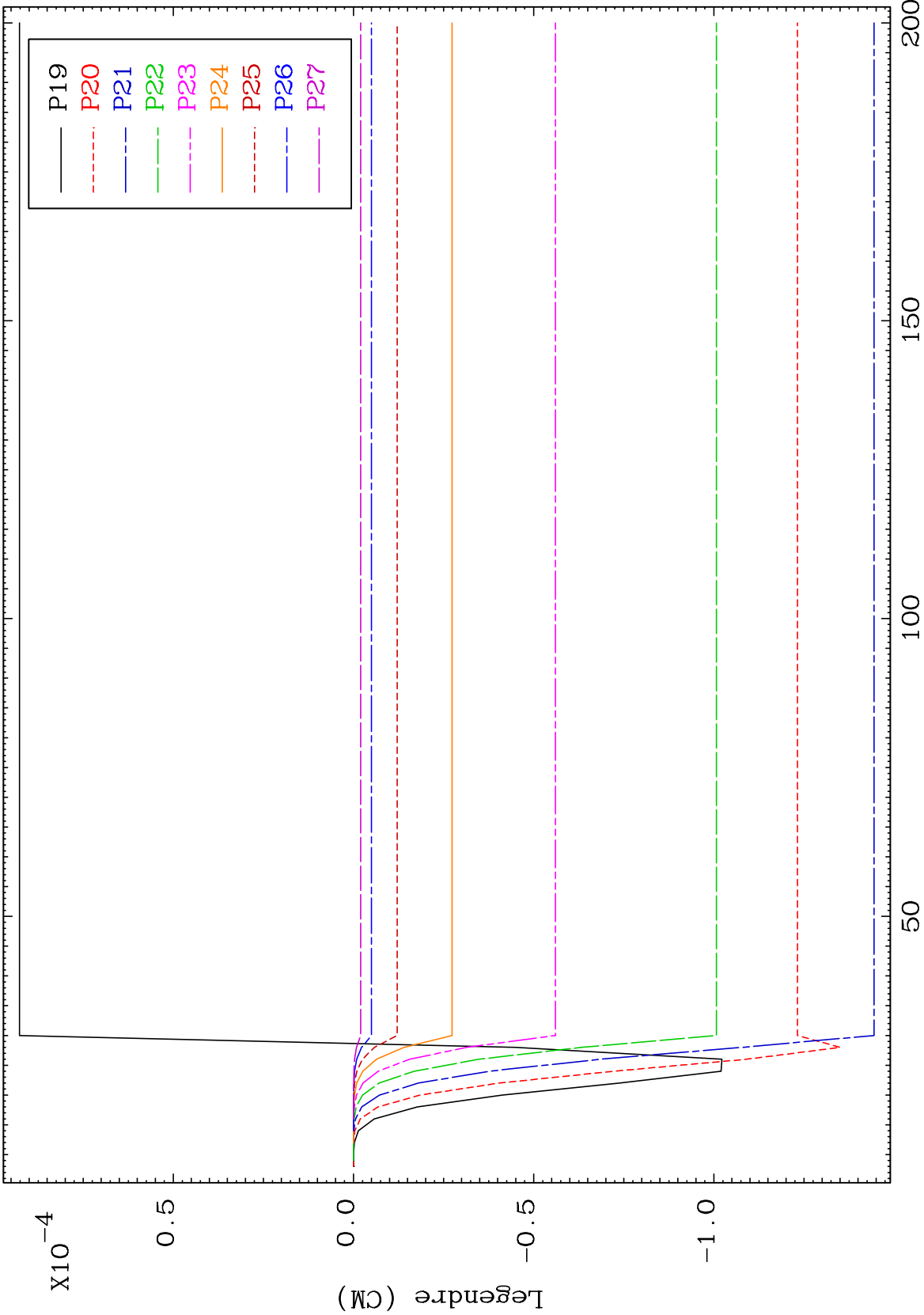
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.229 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



73

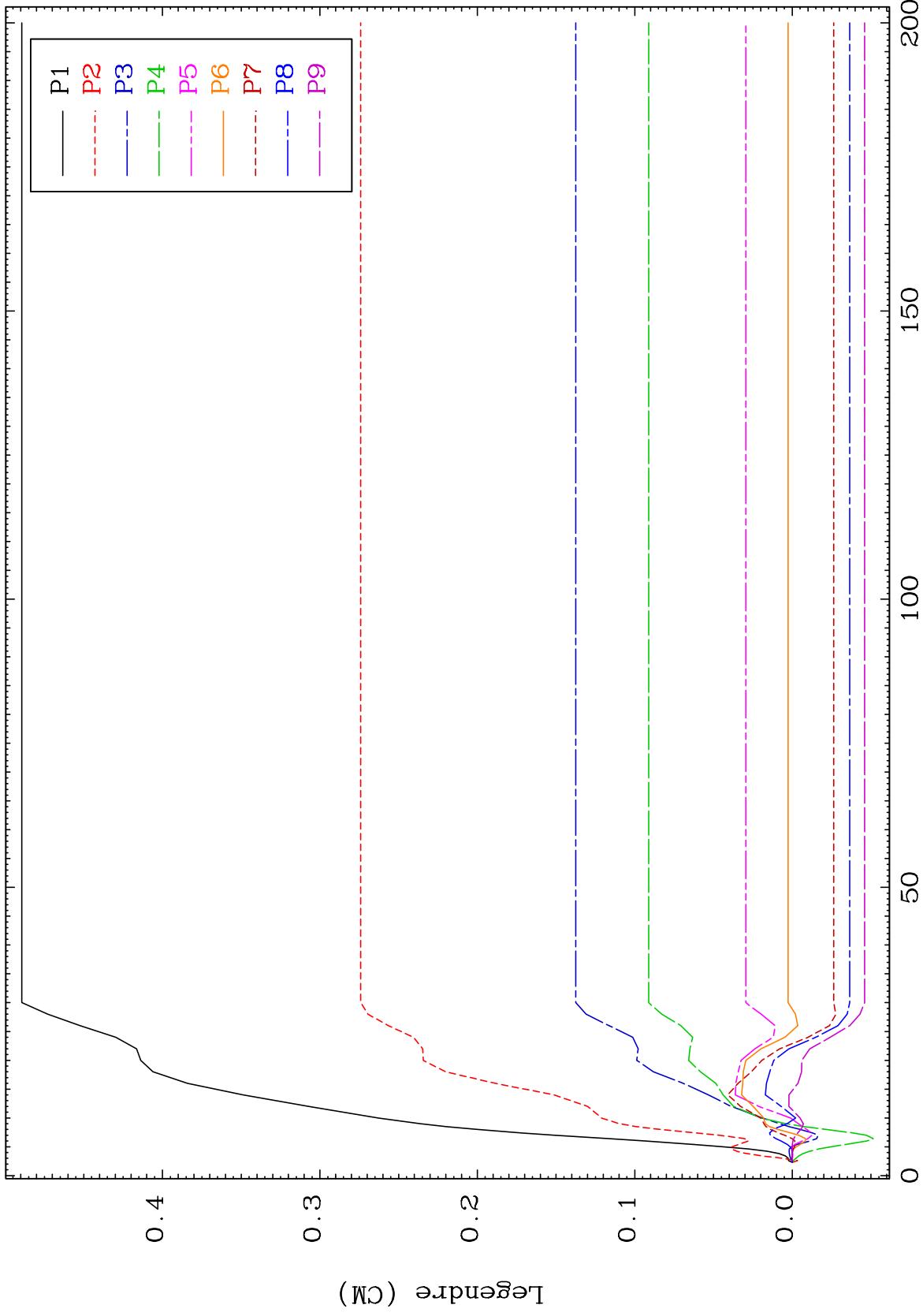
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.253 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

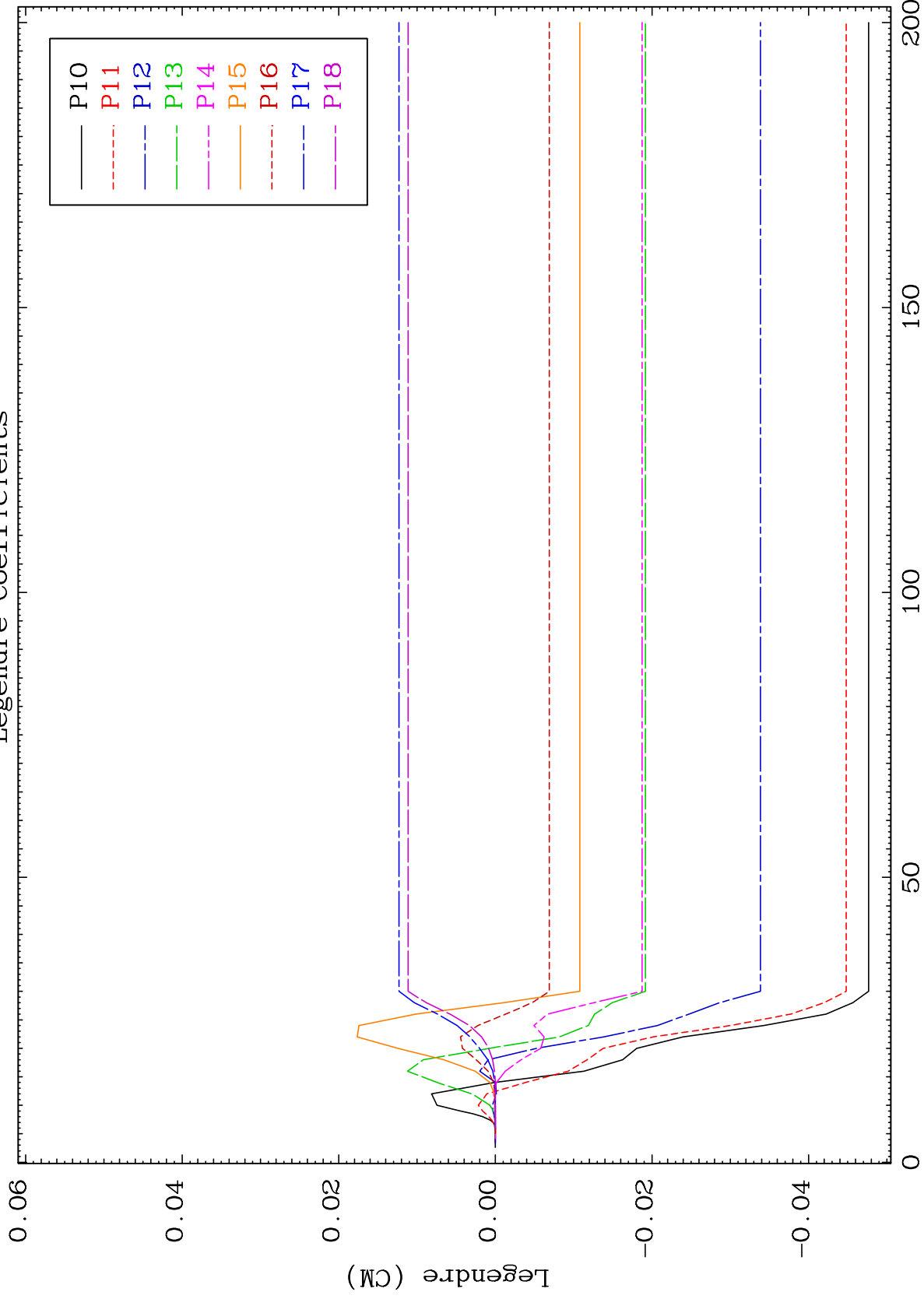
Incident Energy (MeV)

75

MAT 5437

2.253 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



76

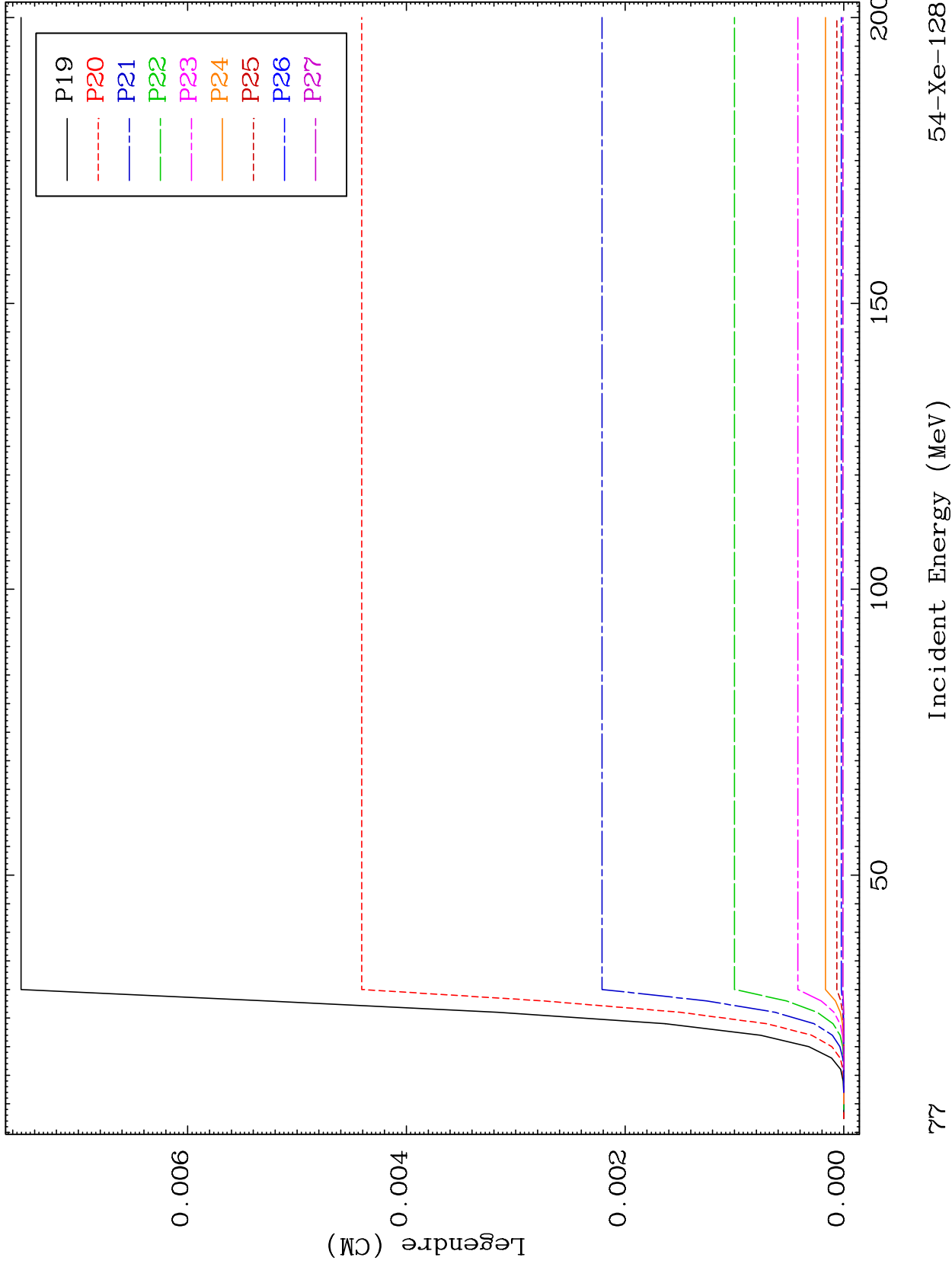
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.253 MeV (n, n') Level
Legendre Coefficients

54-Xe-128

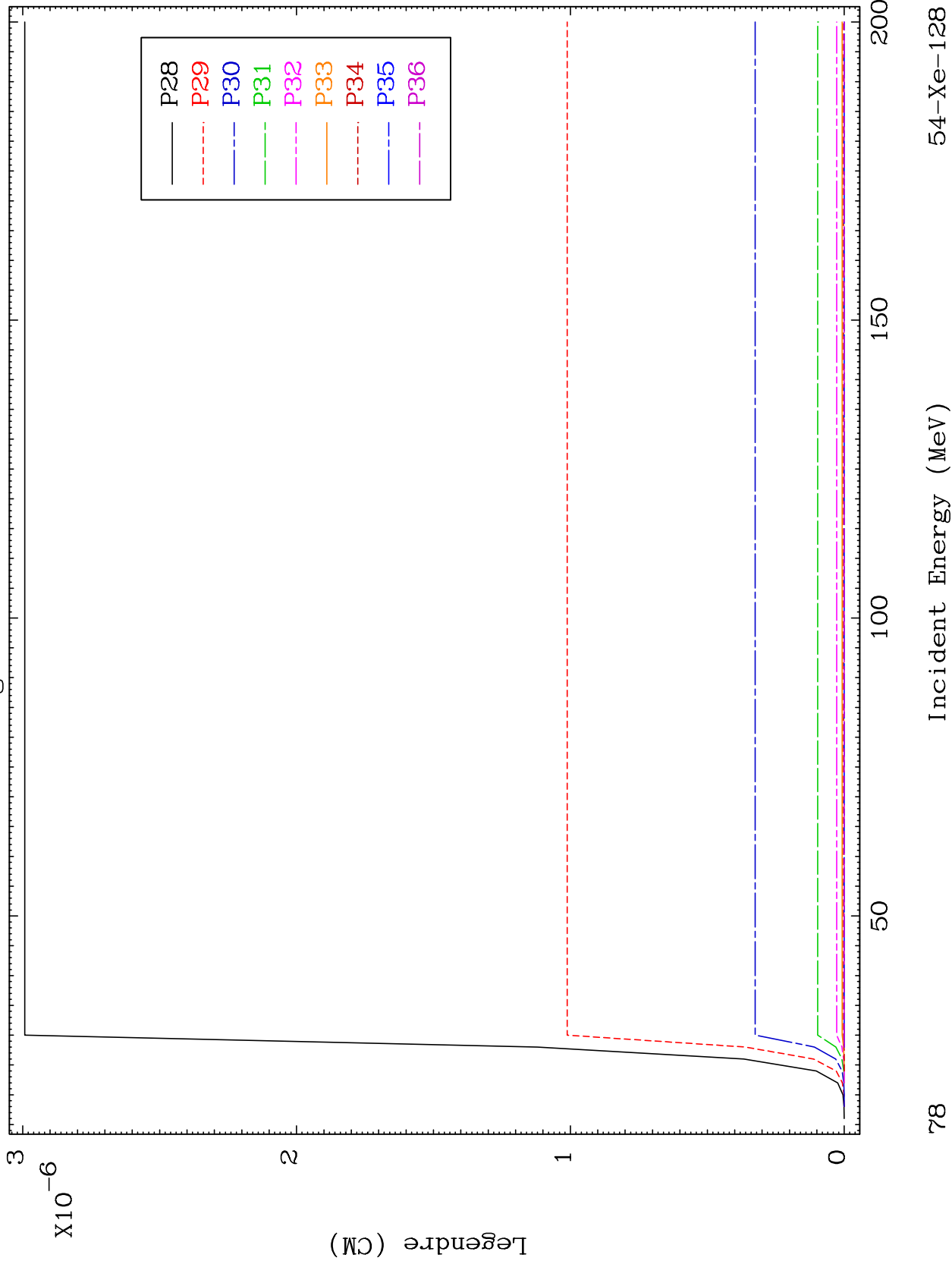


77

MAT 5437

2.253 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



78

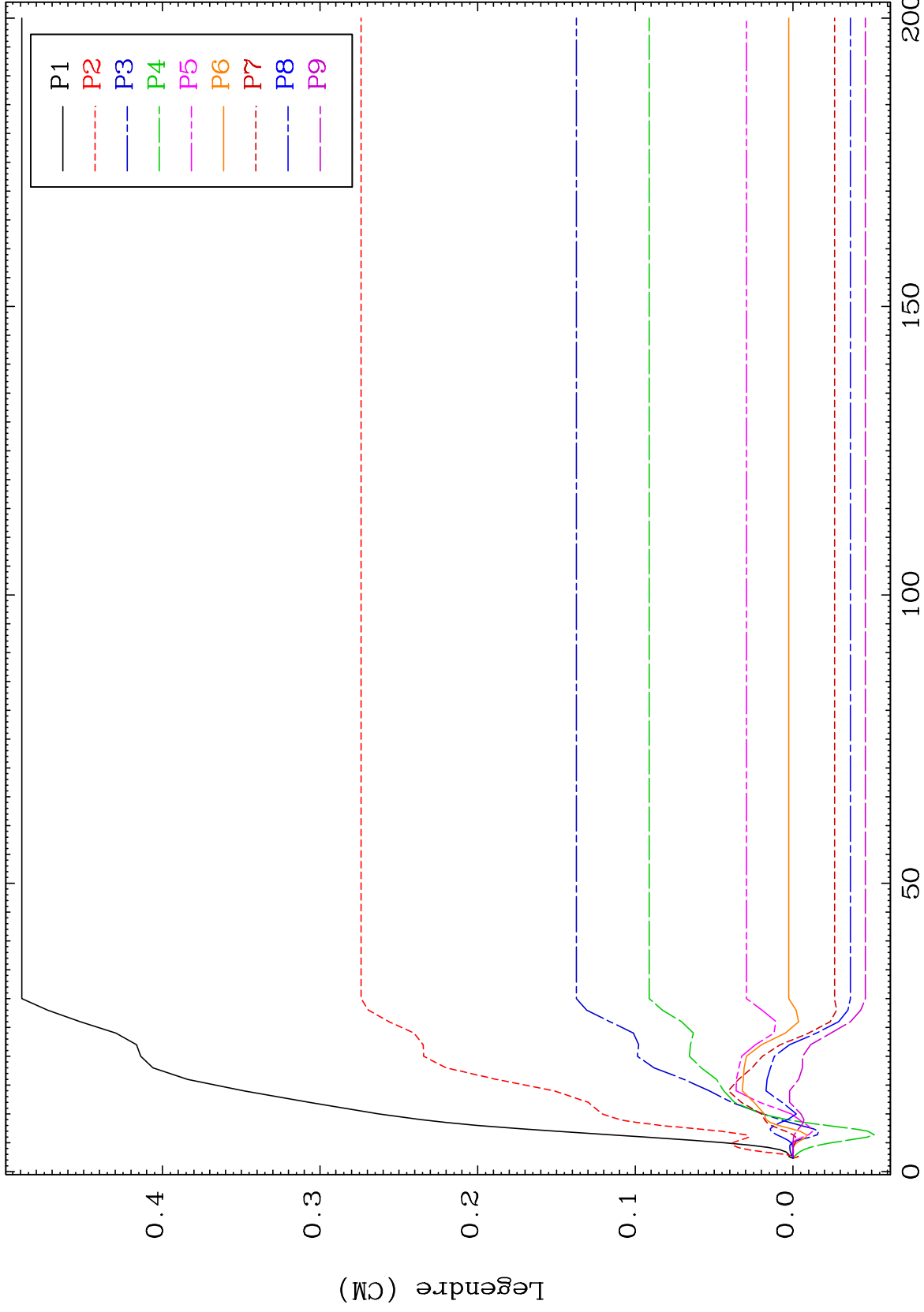
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.273 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



79

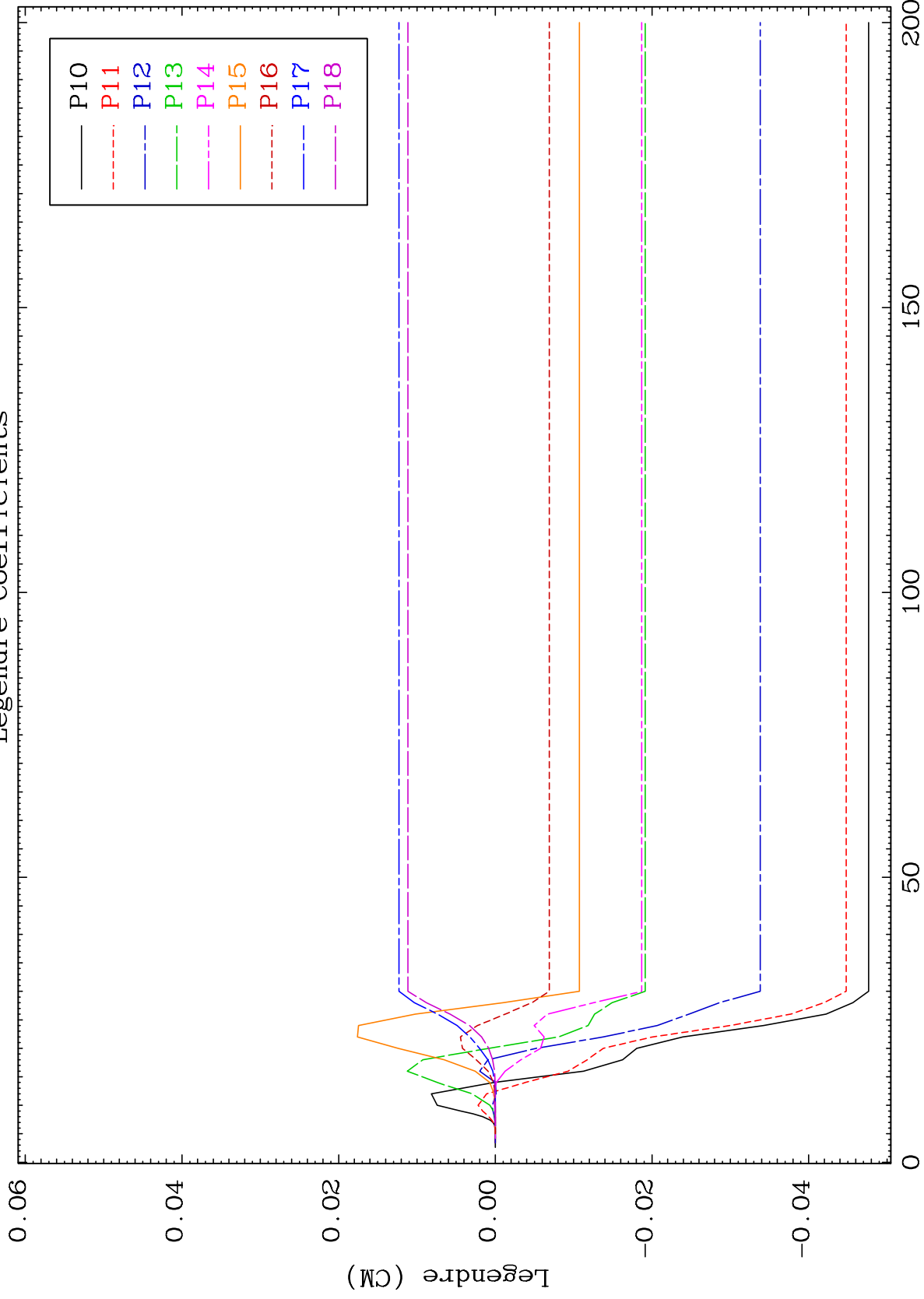
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.273 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

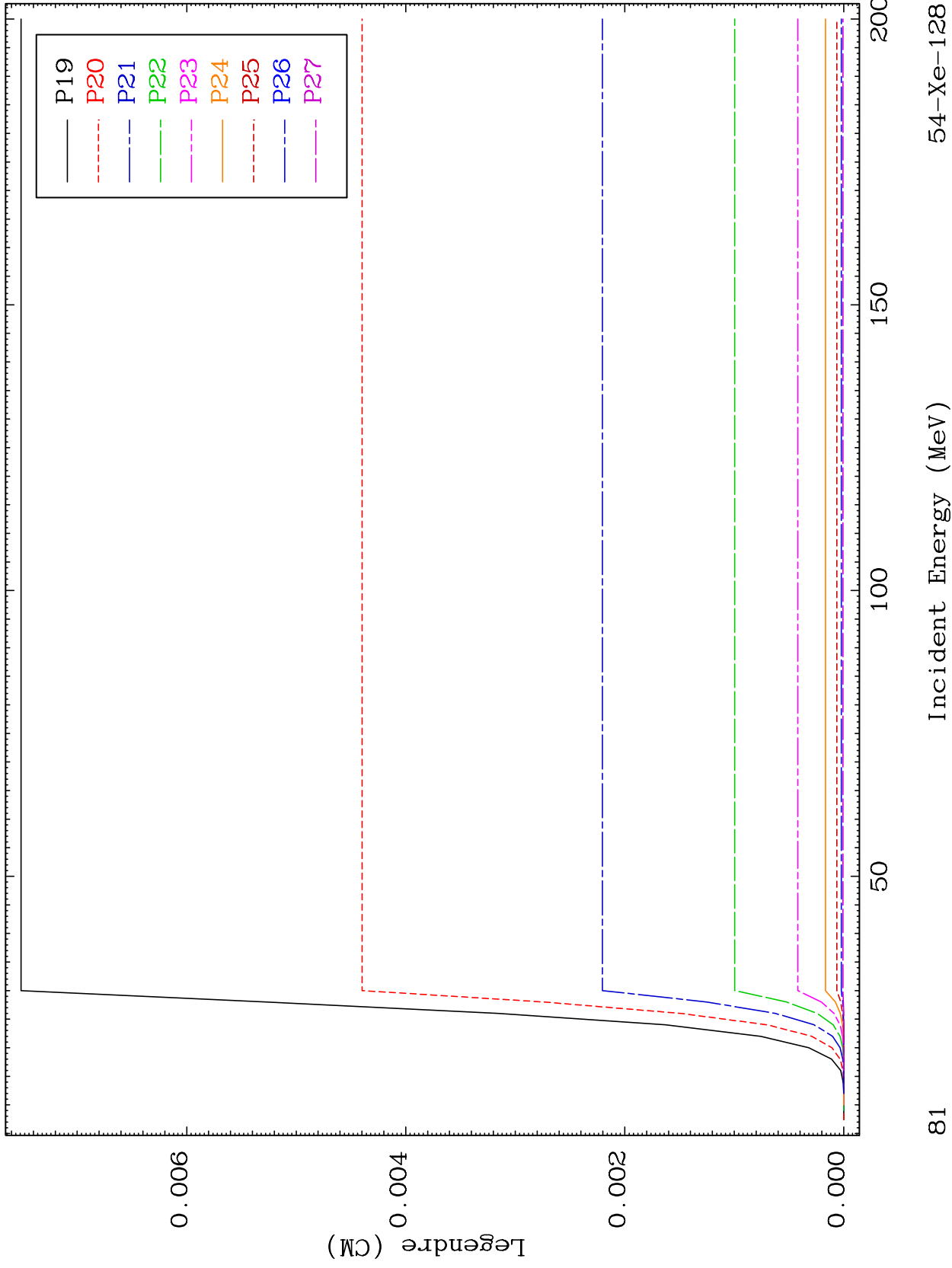
Incident Energy (MeV)

80

MAT 5437

2.273 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



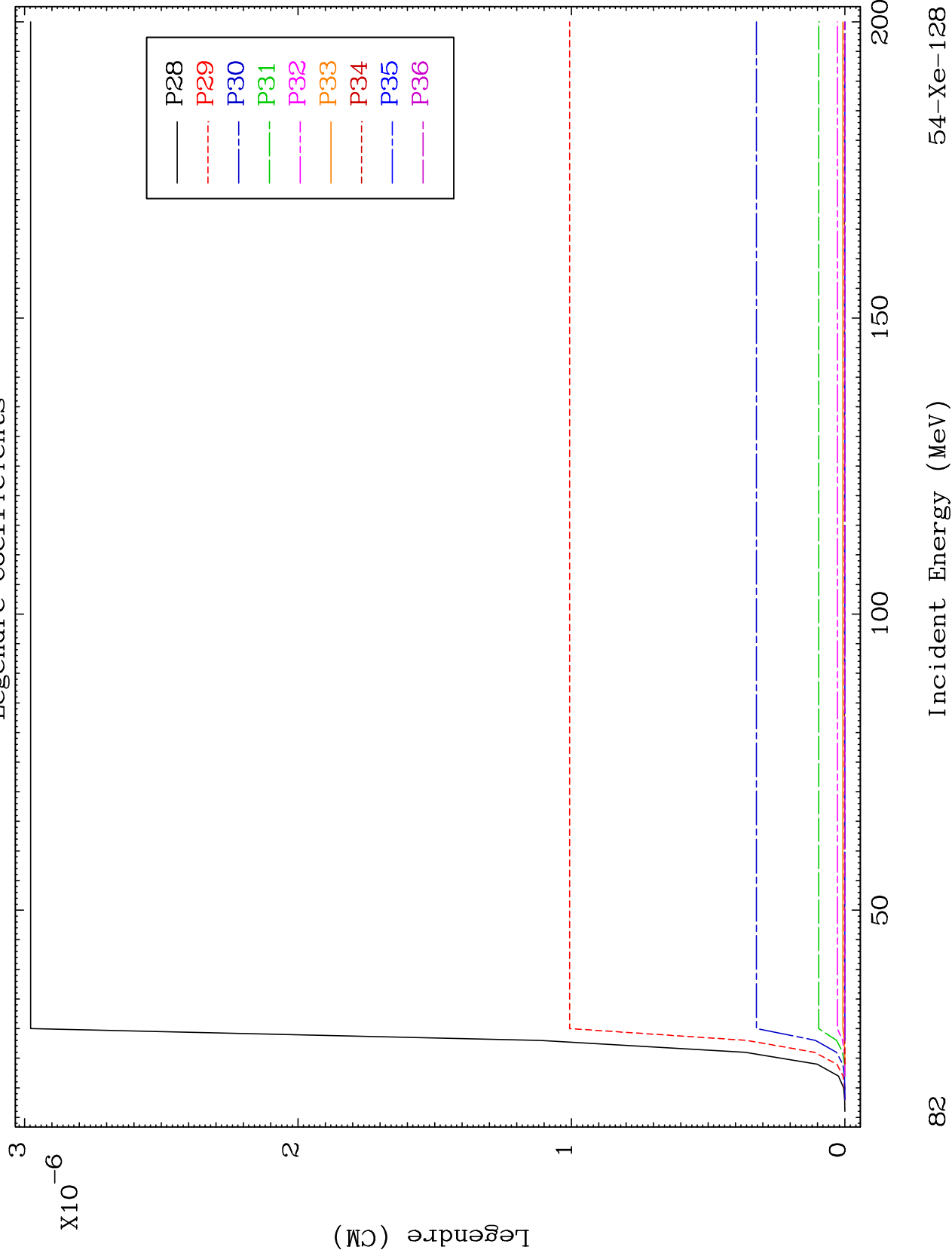
81

54-Xe-128

MAT 5437

2.273 MeV (n,n') Level
Legendre Coefficients

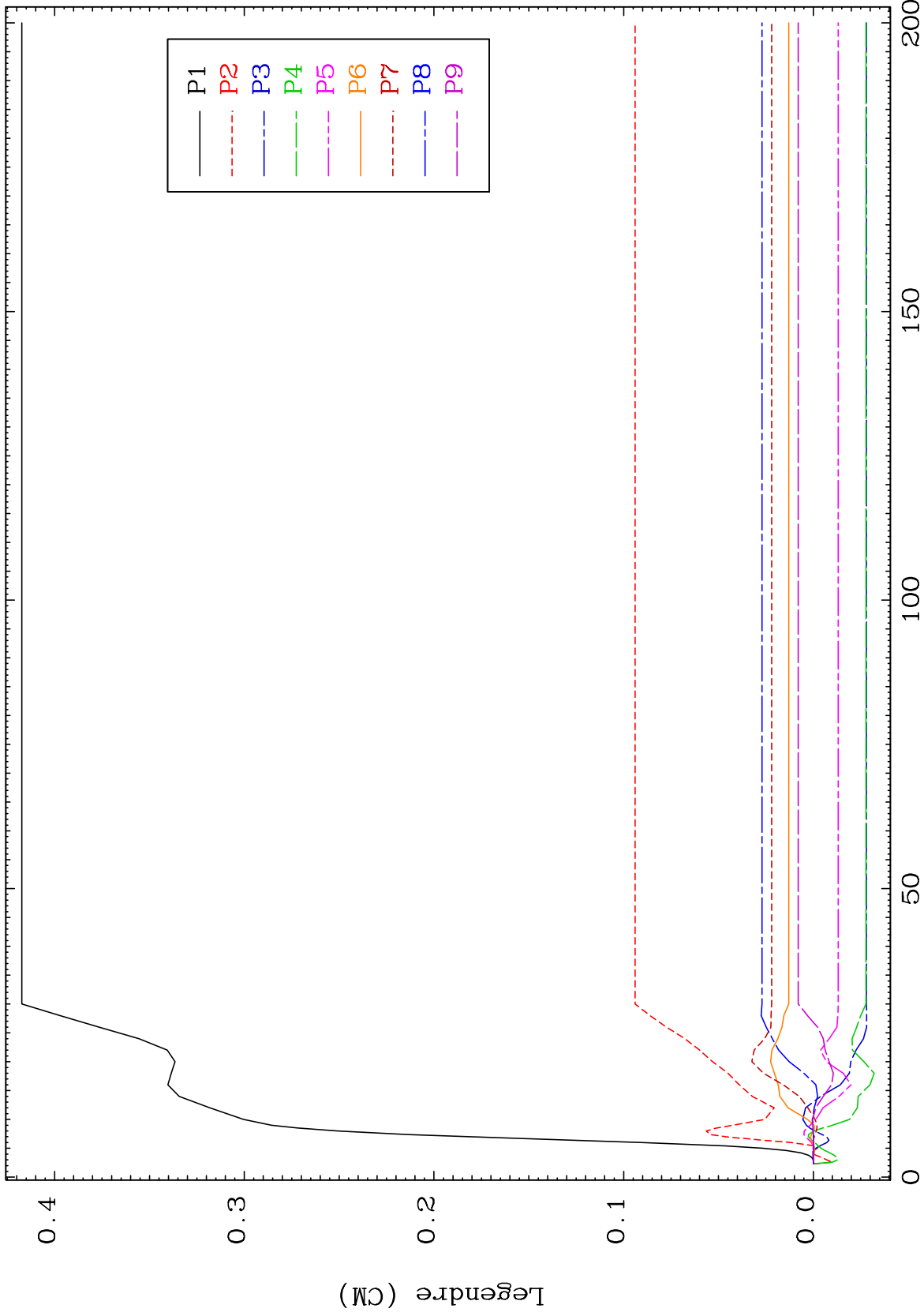
54-Xe-128



82

Incident Energy (MeV)

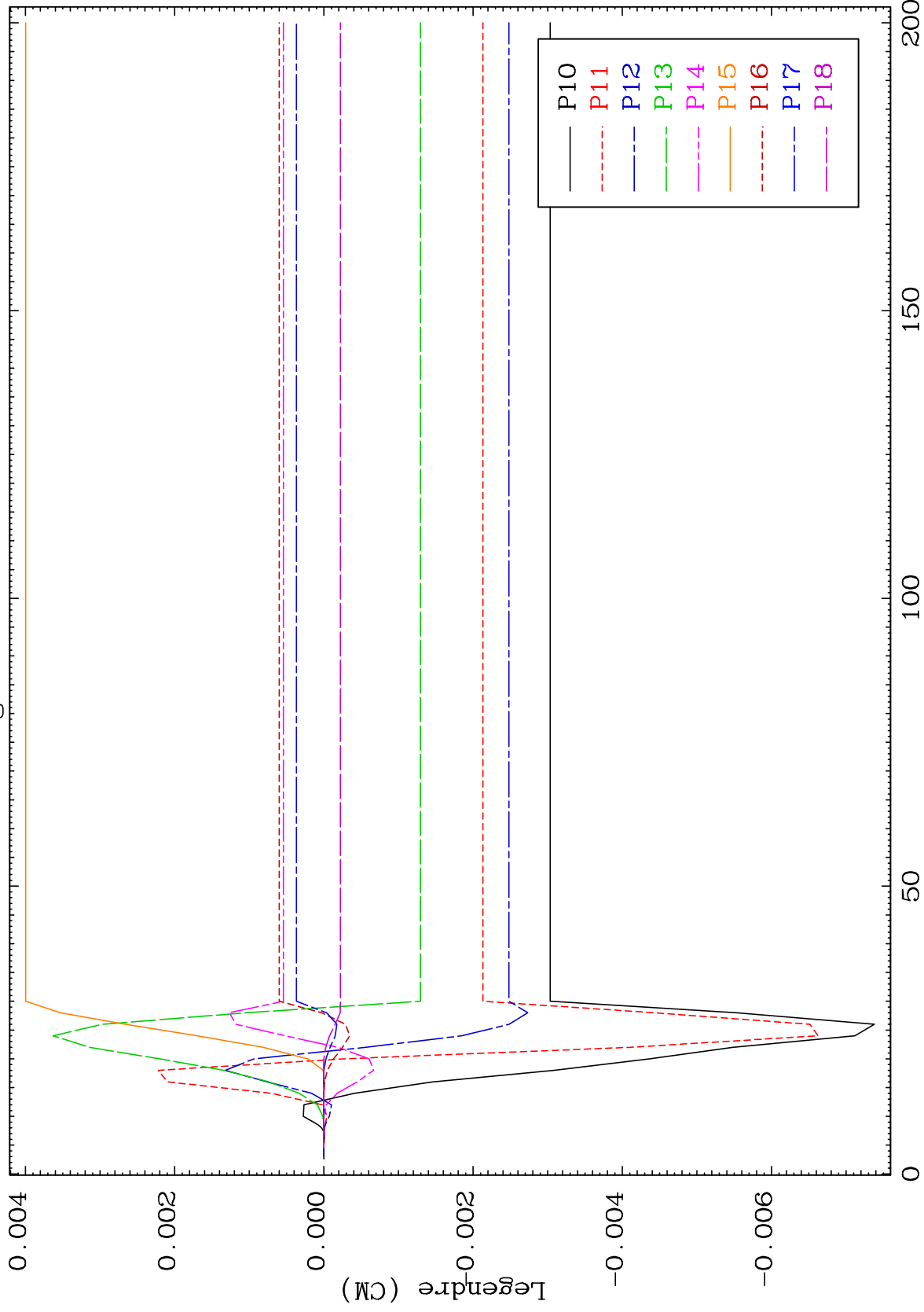
54-Xe-128



MAT 5437

2.281 MeV (n,n') Level
Legendre Coefficients

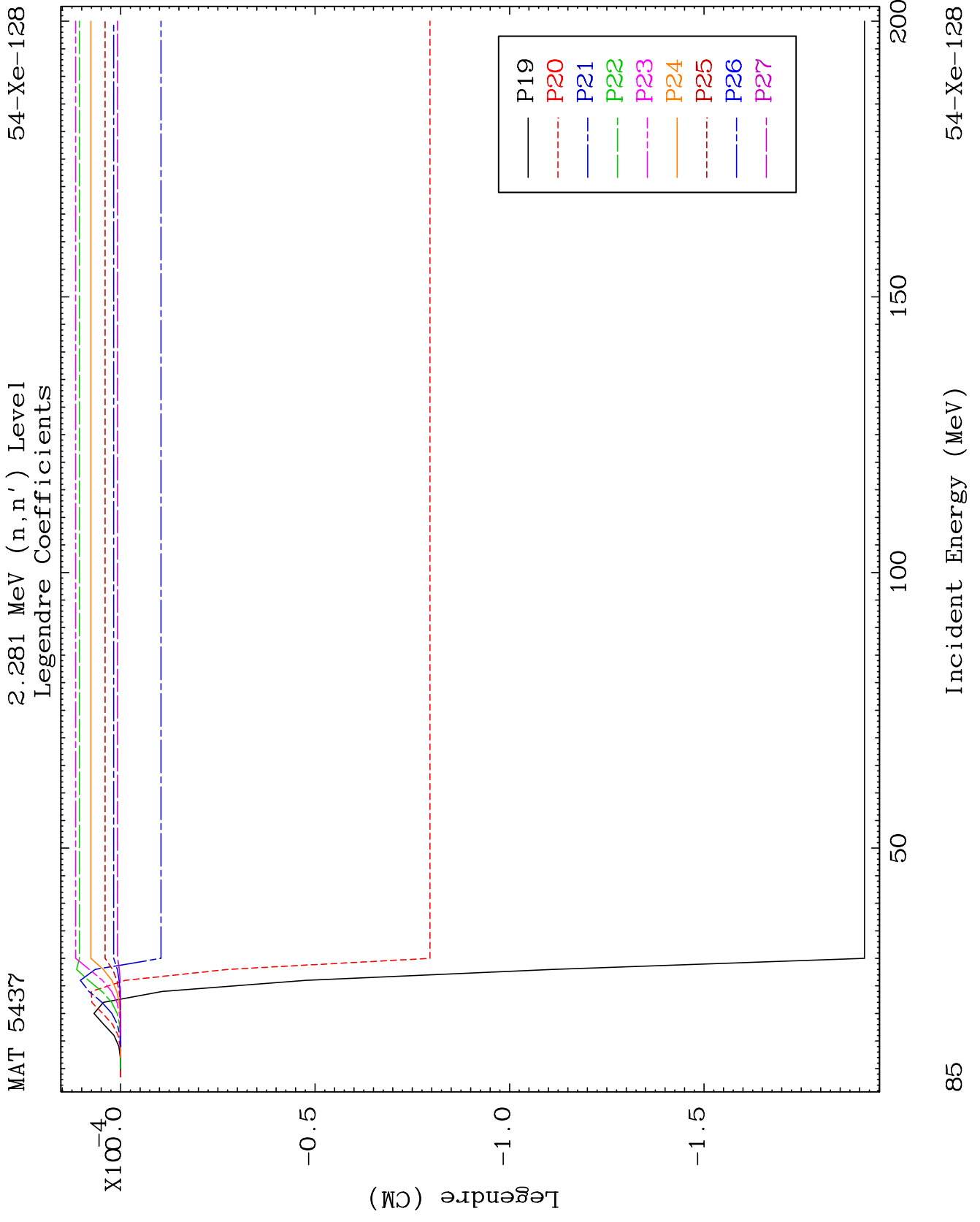
54-Xe-128

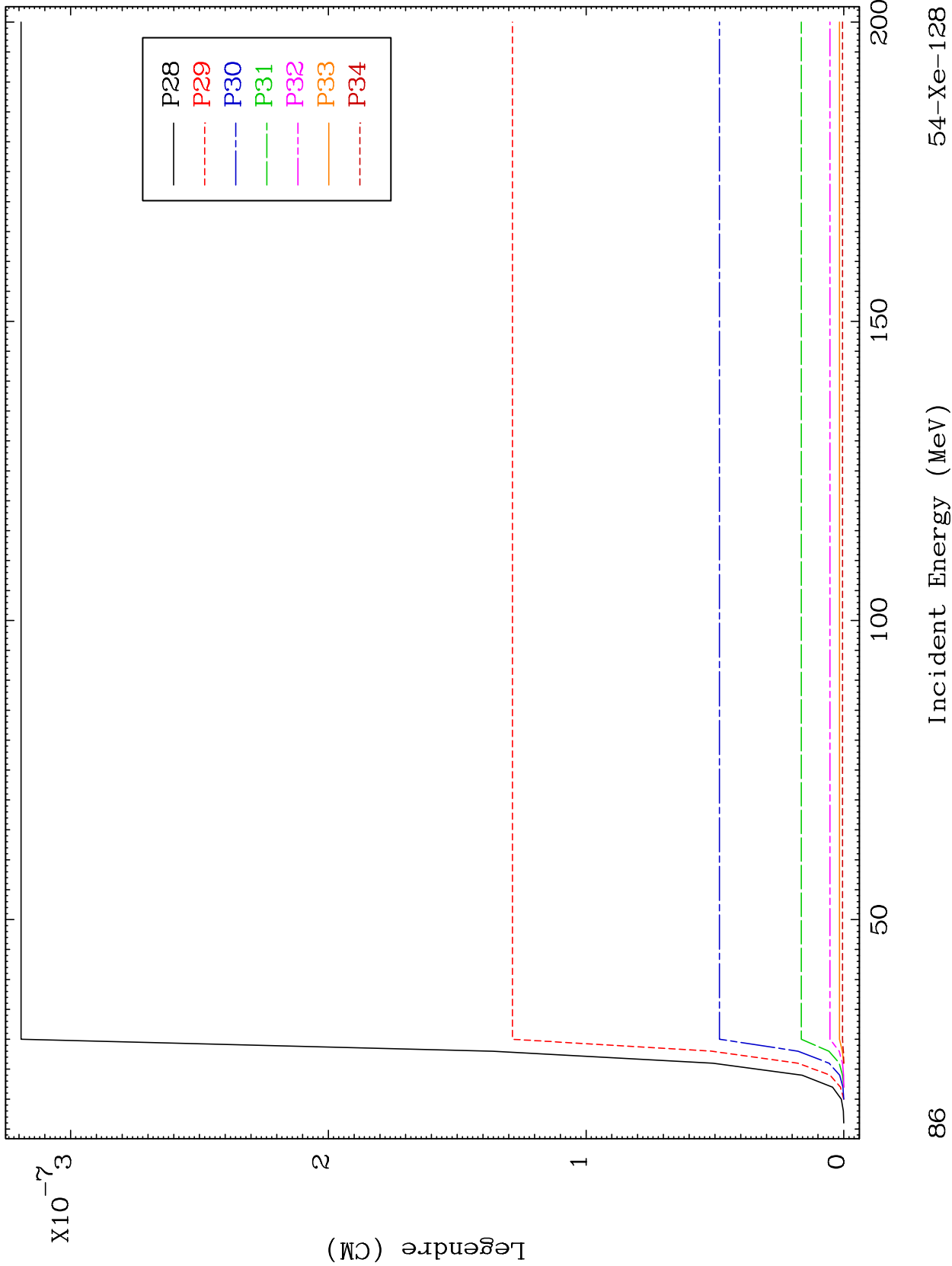


84

Incident Energy (MeV)

54-Xe-128

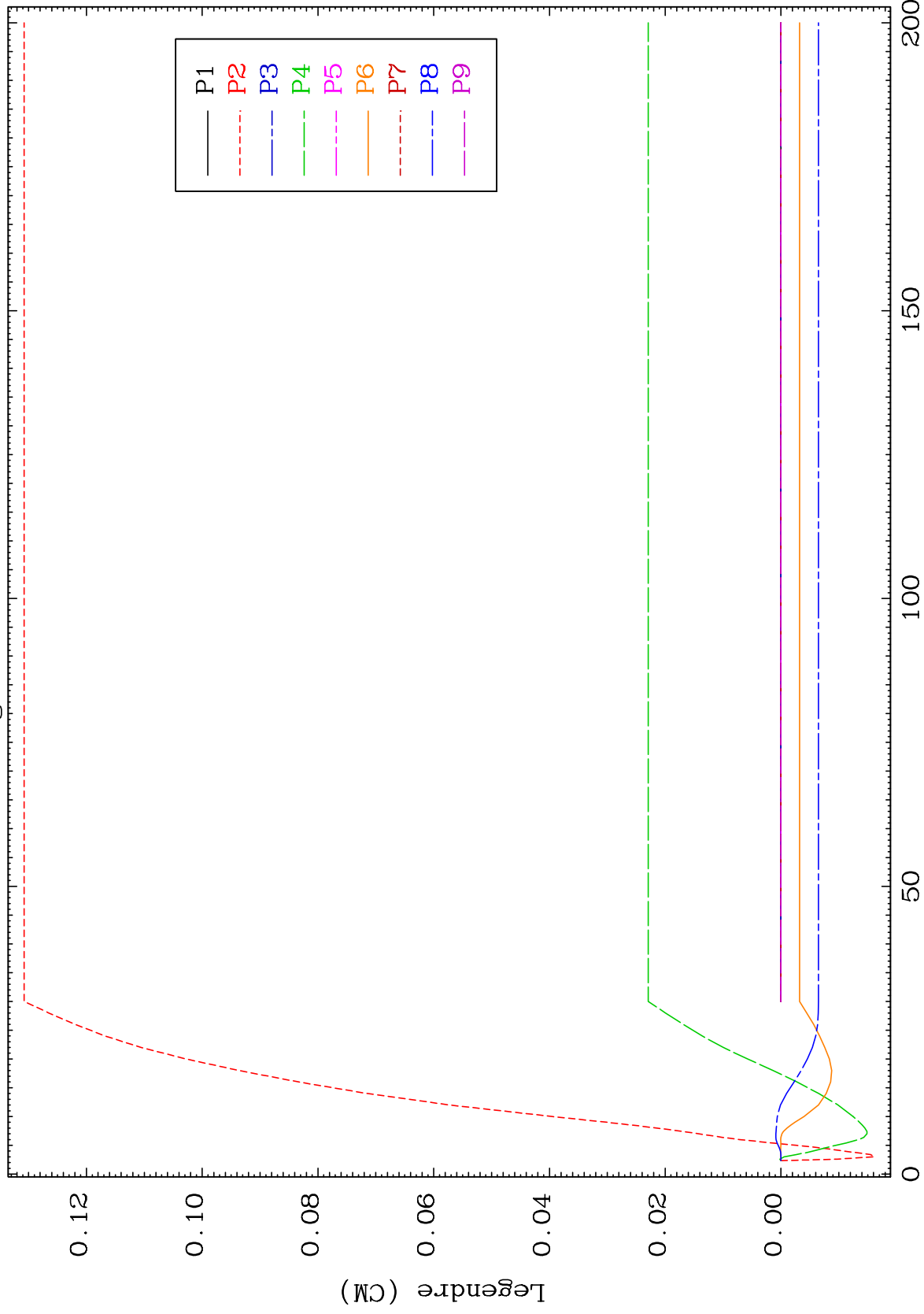




MAT 5437

2.306 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



87

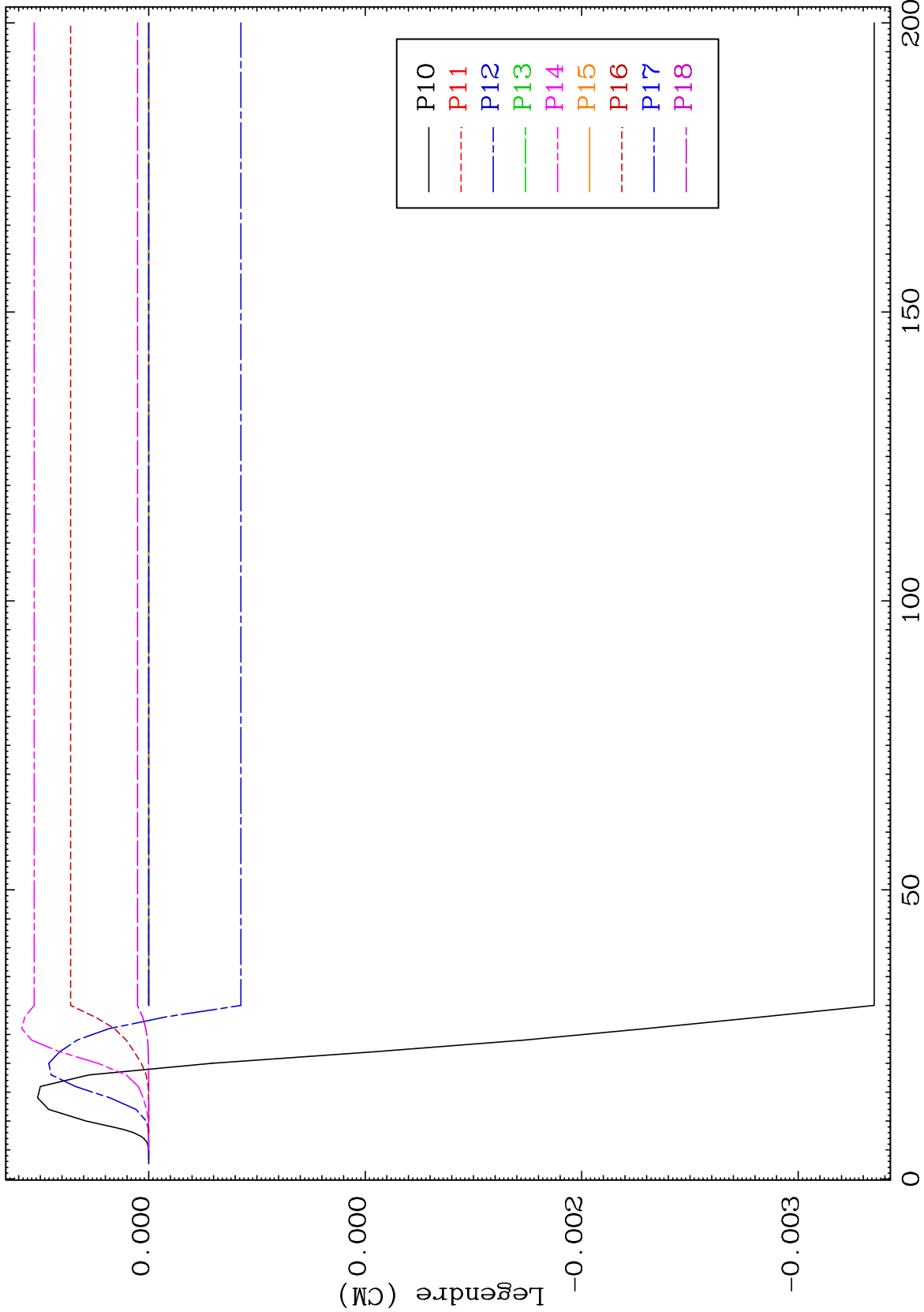
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.306 MeV (n,n') Level
Legendre Coefficients

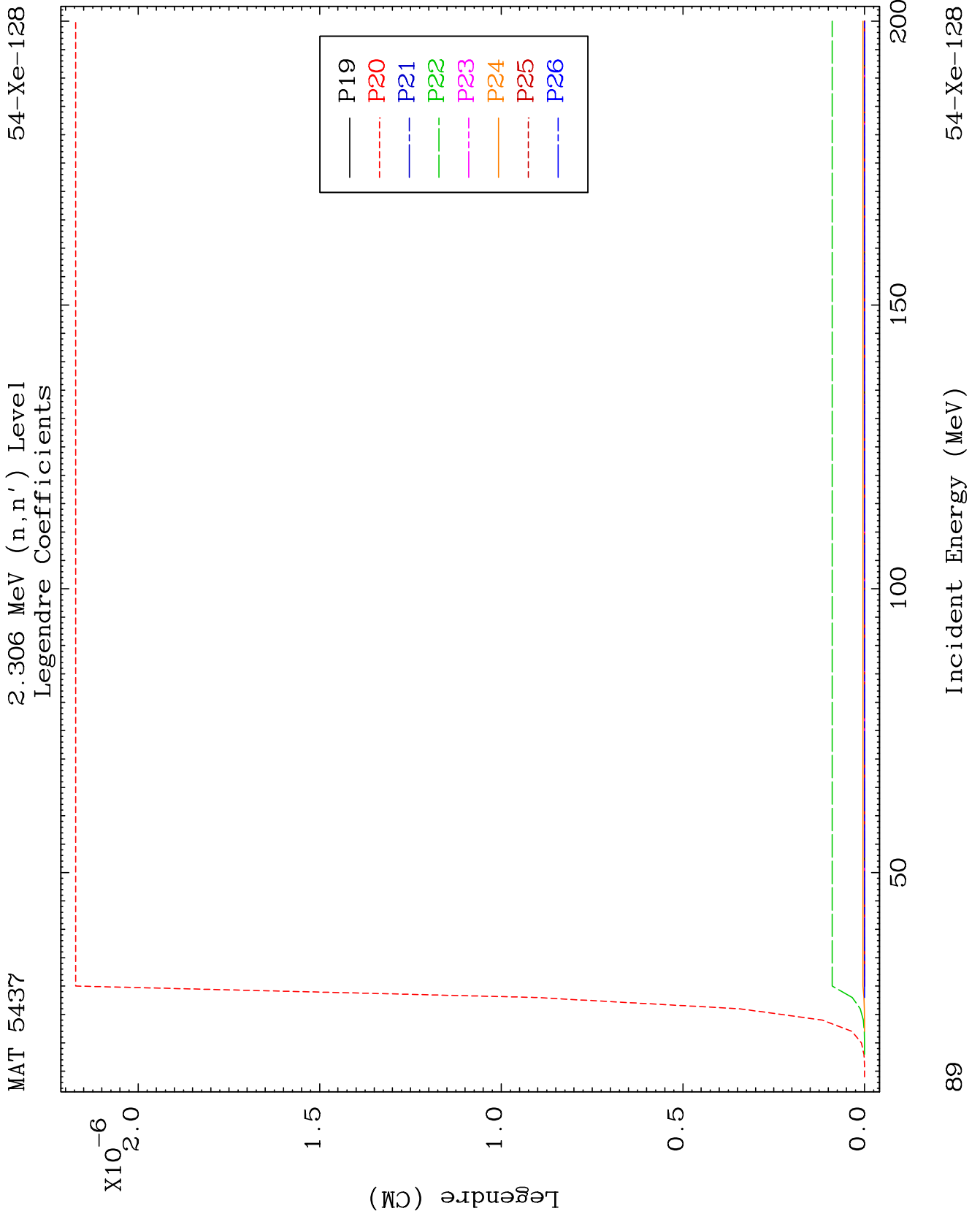
54-Xe-128



88

Incident Energy (MeV)

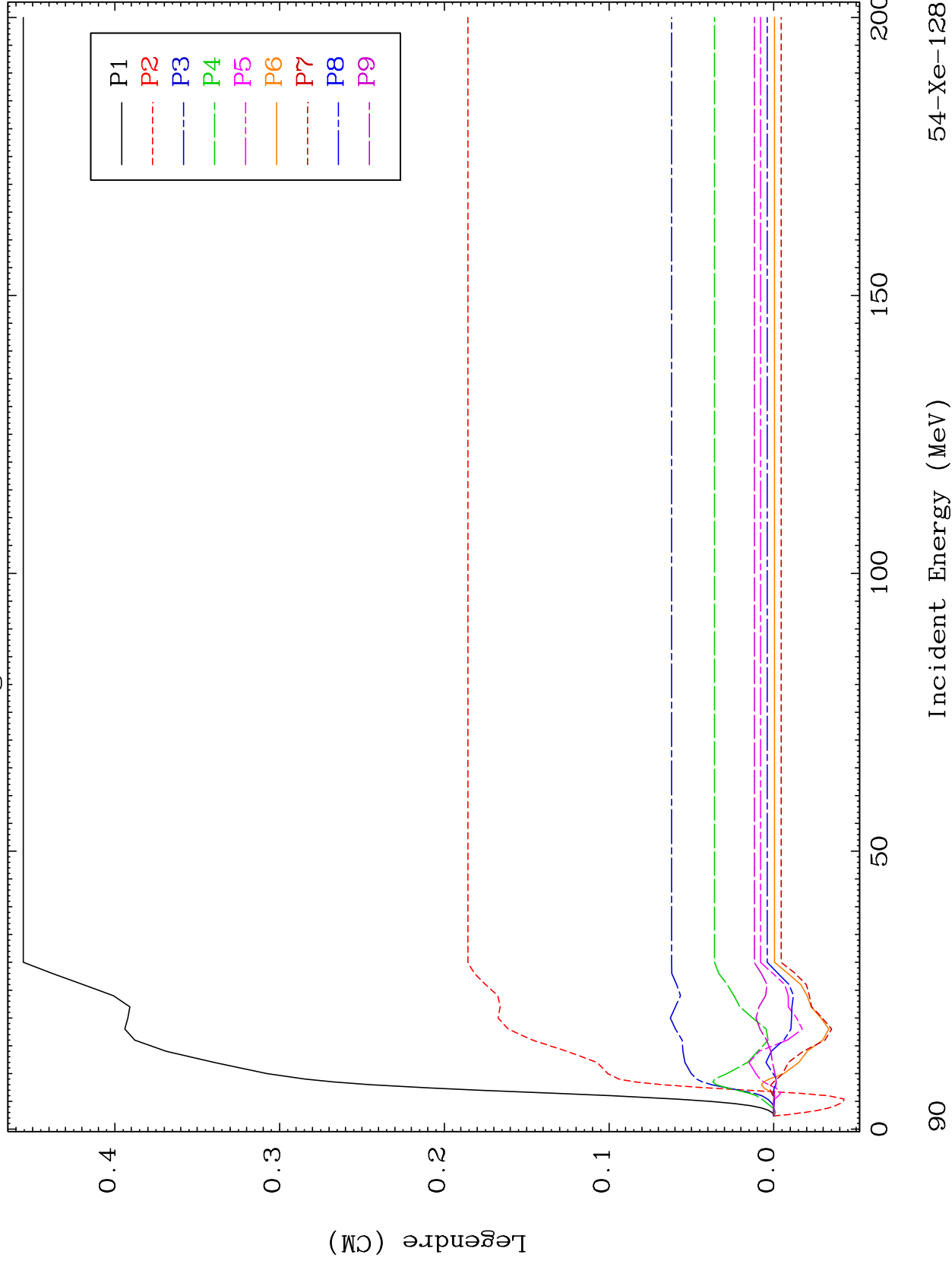
54-Xe-128



MAT 5437

2.336 MeV (n, n') Level
Legendre Coefficients

54-Xe-128

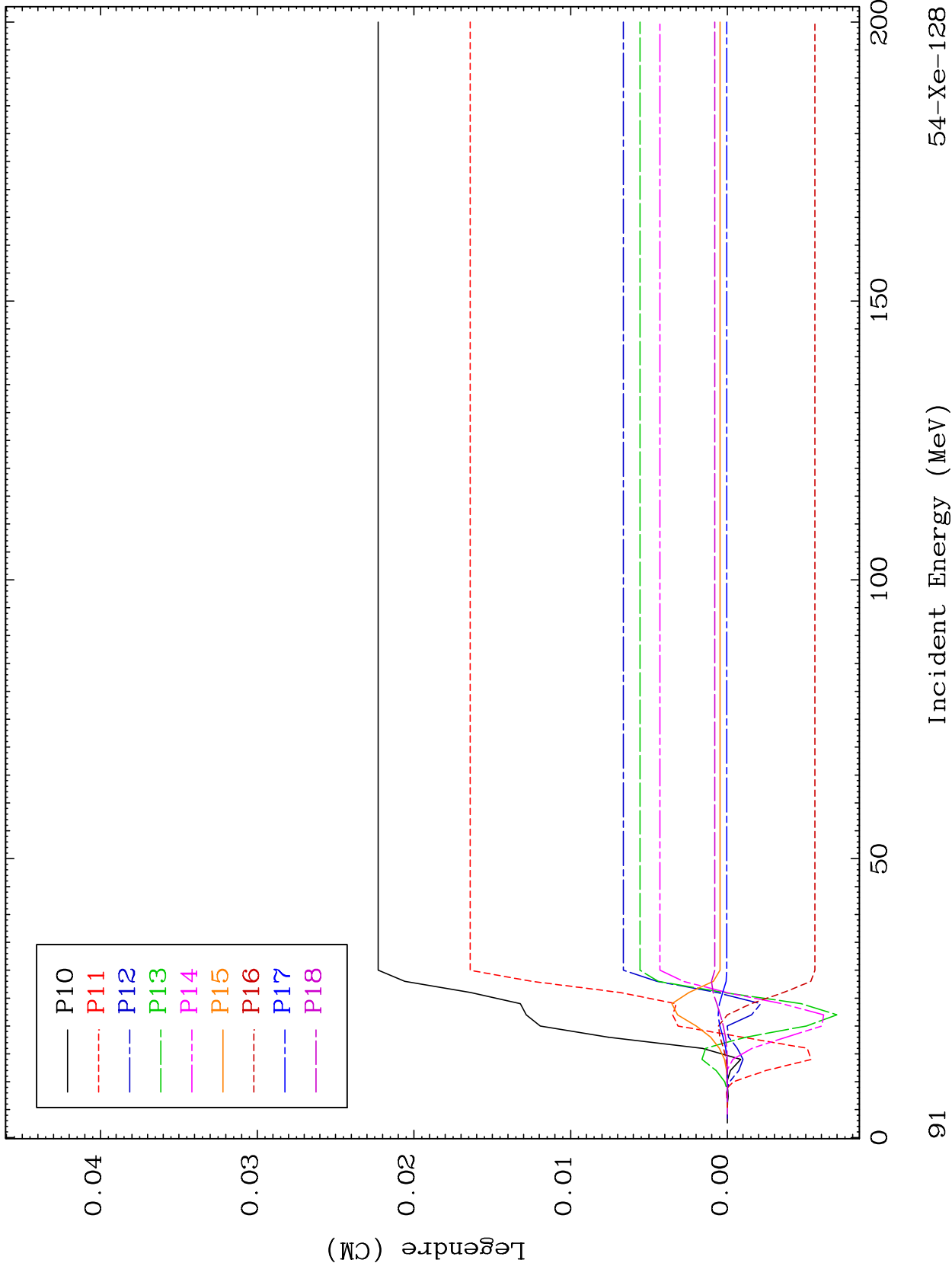


54-Xe-128

MAT 5437

2.336 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



91

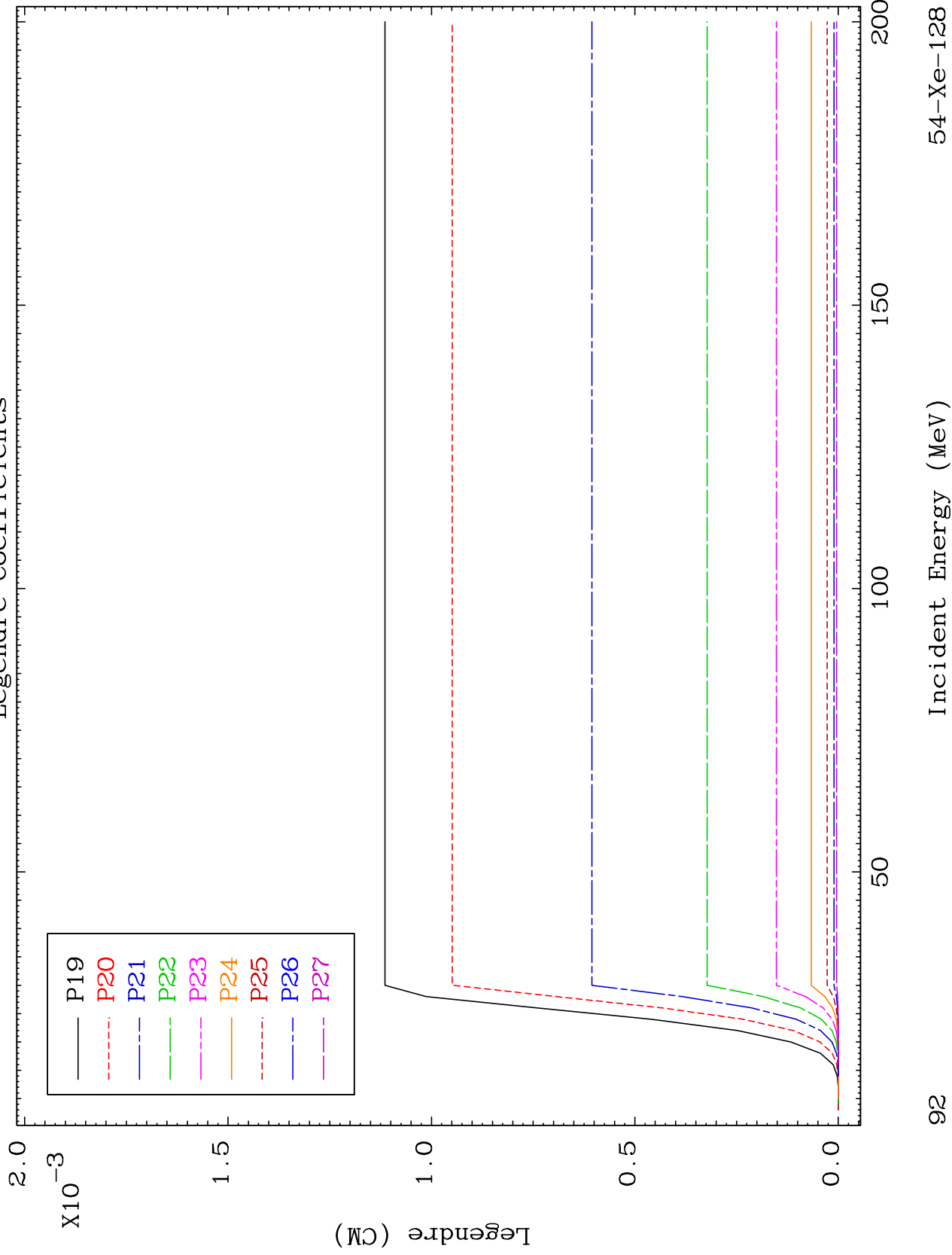
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.336 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



92

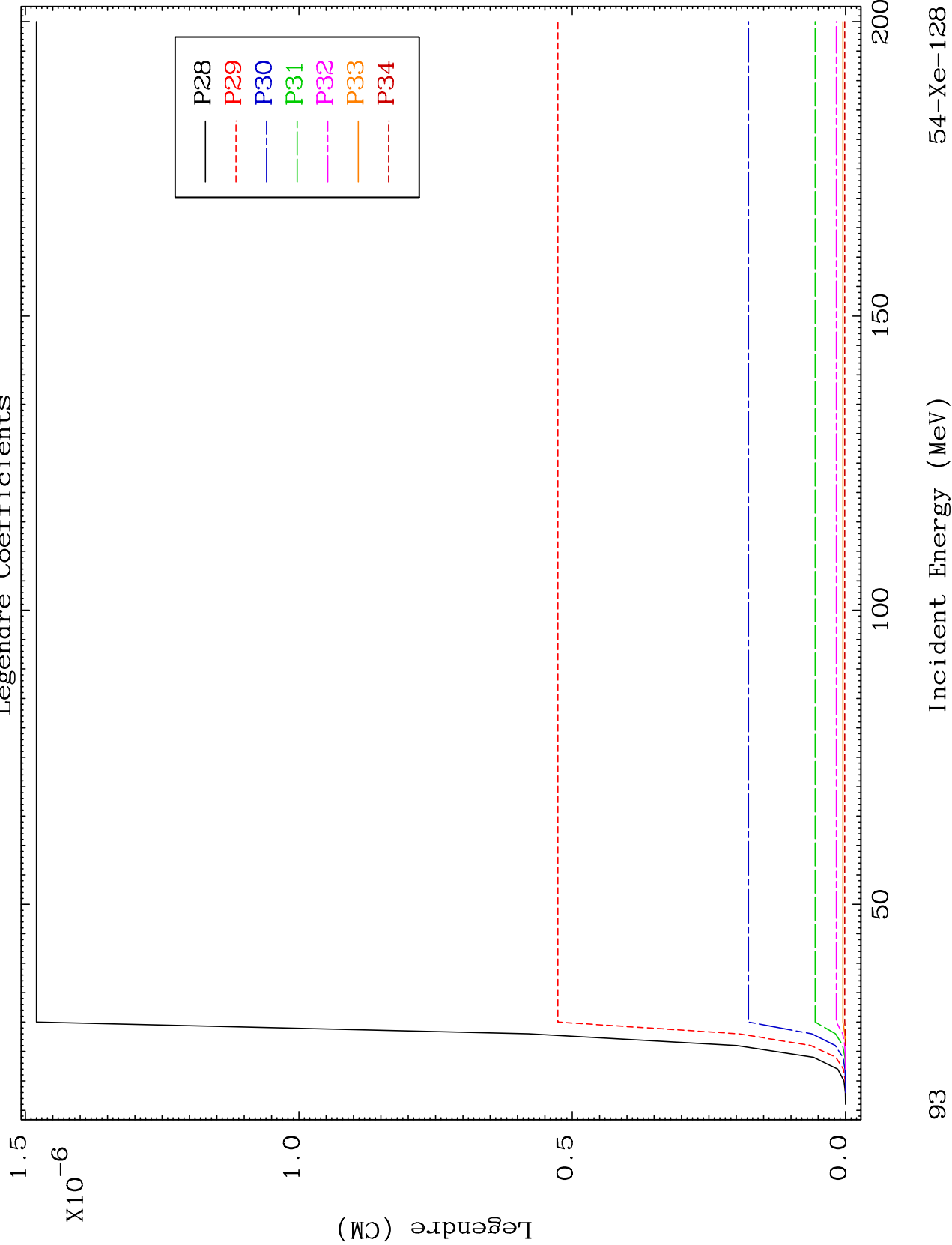
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.336 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



93

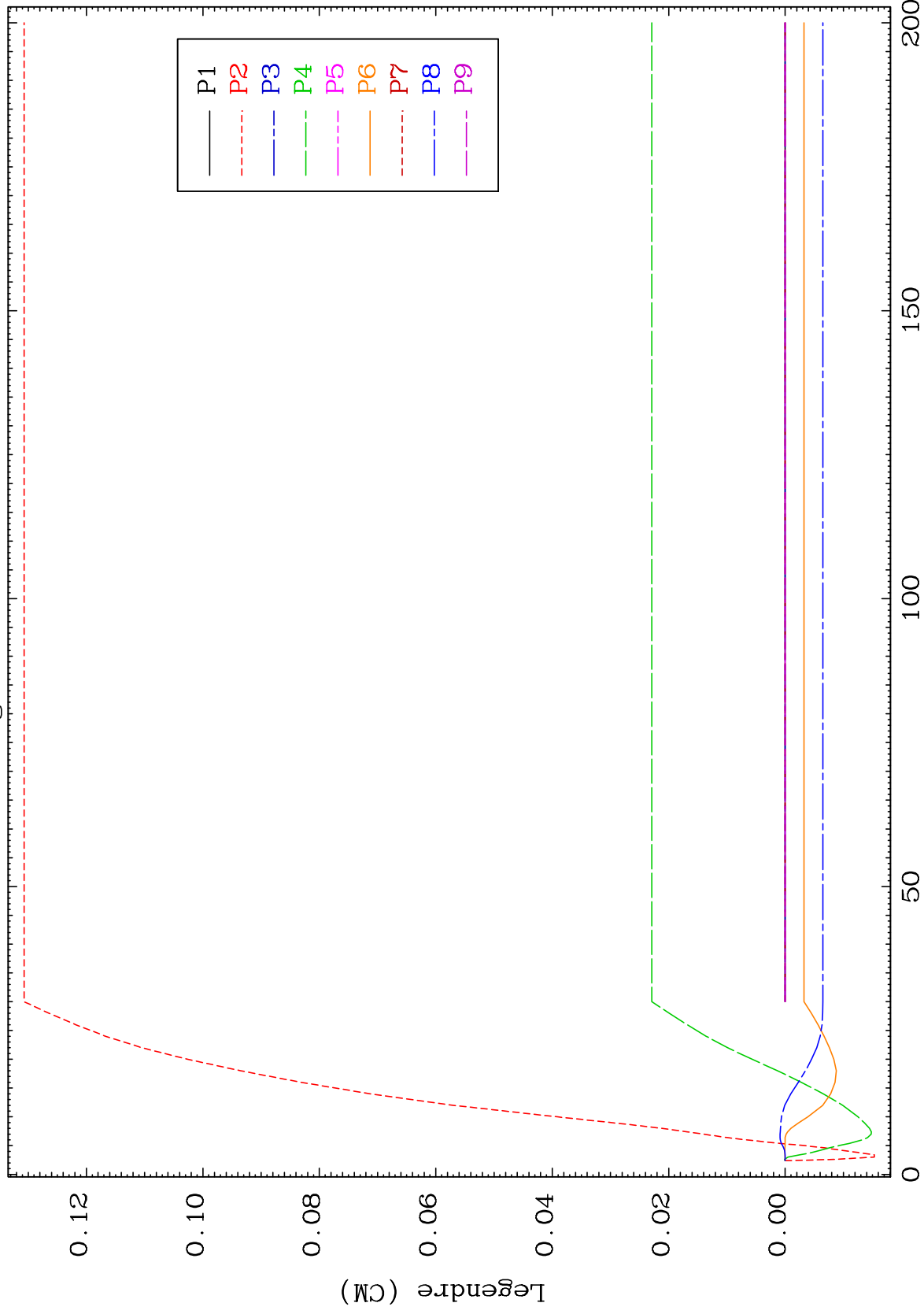
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.362 MeV (n, n') Level
Legendre Coefficients

54-Xe-128



94

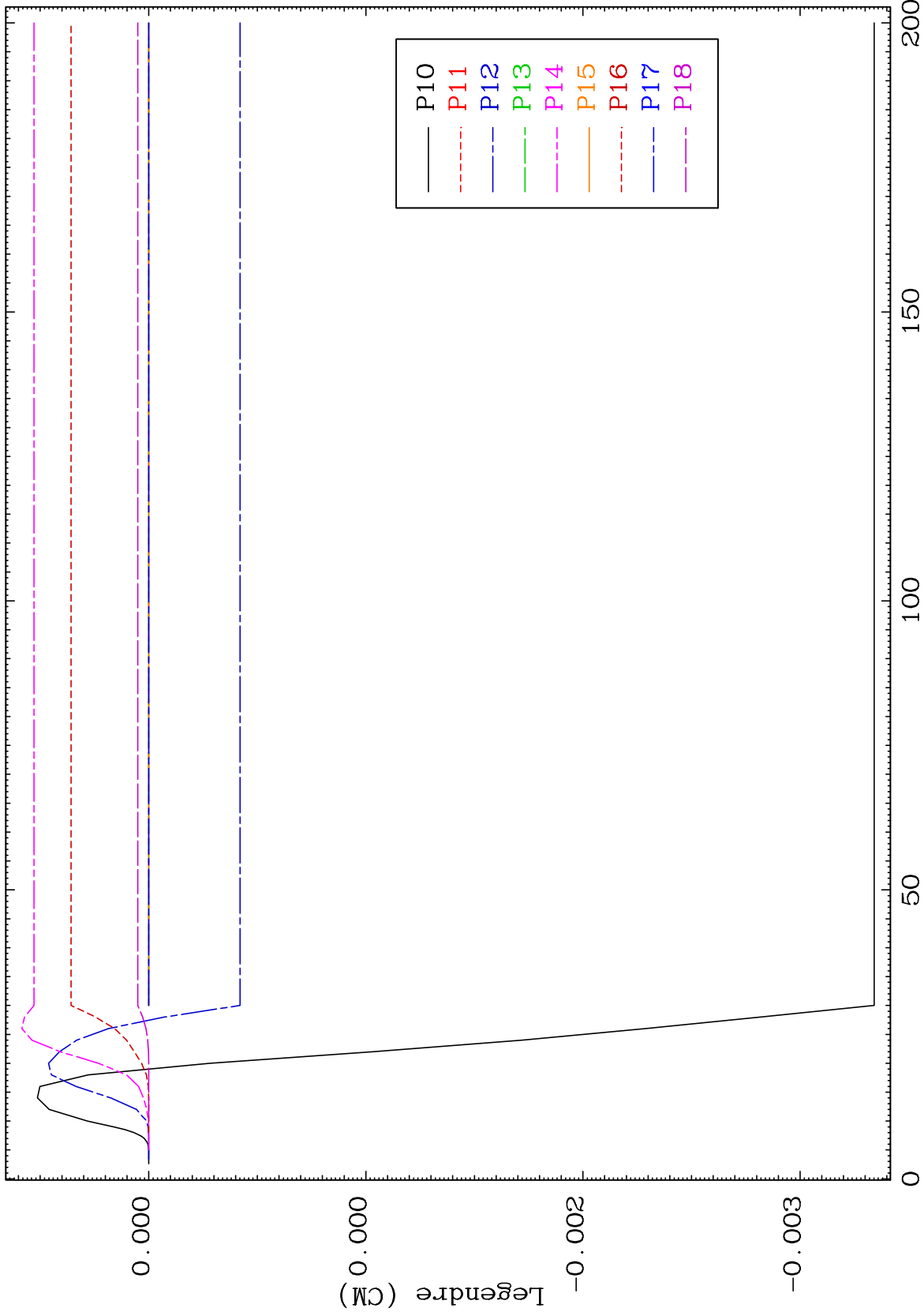
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.362 MeV (n,n') Level
Legendre Coefficients

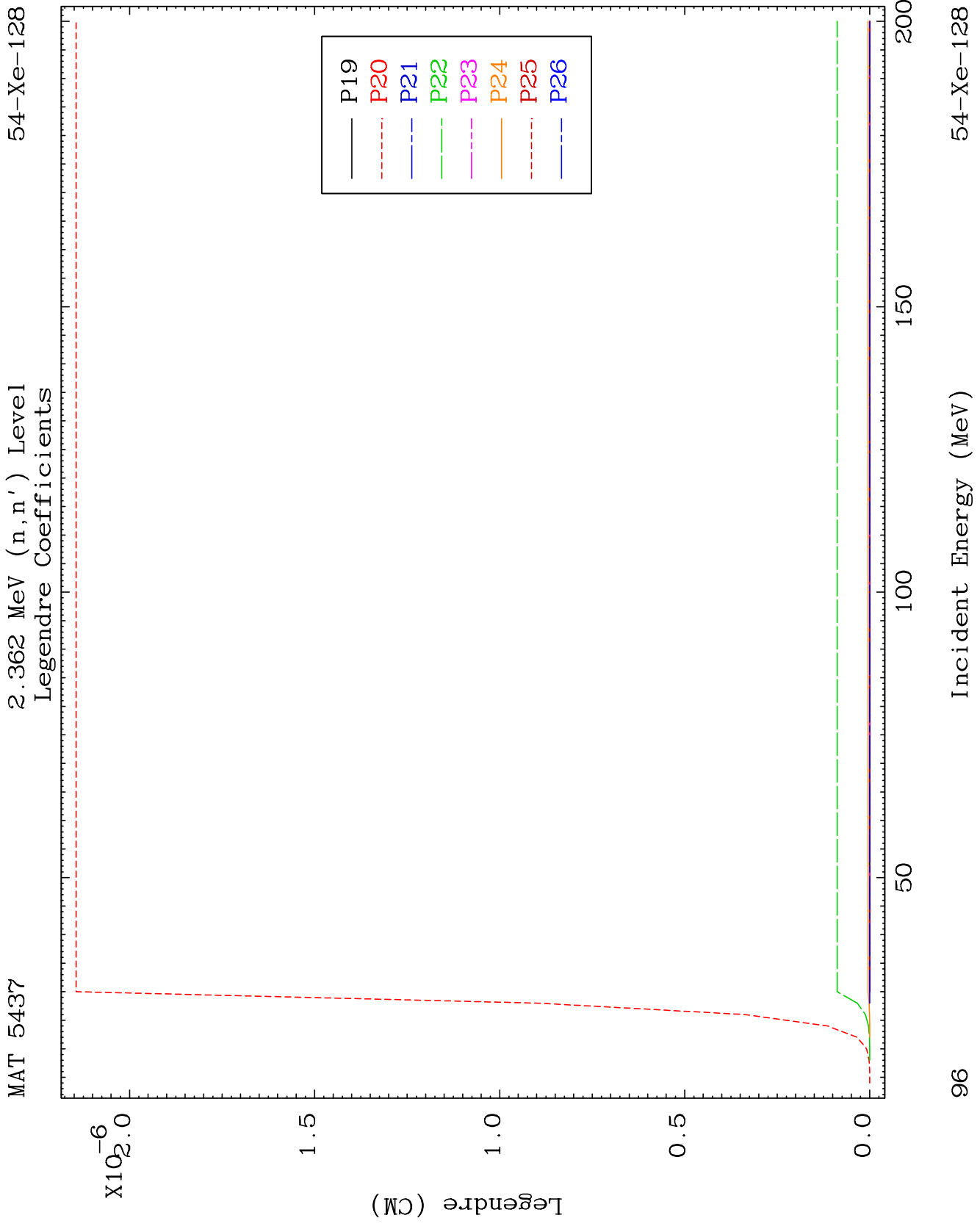
54-Xe-128

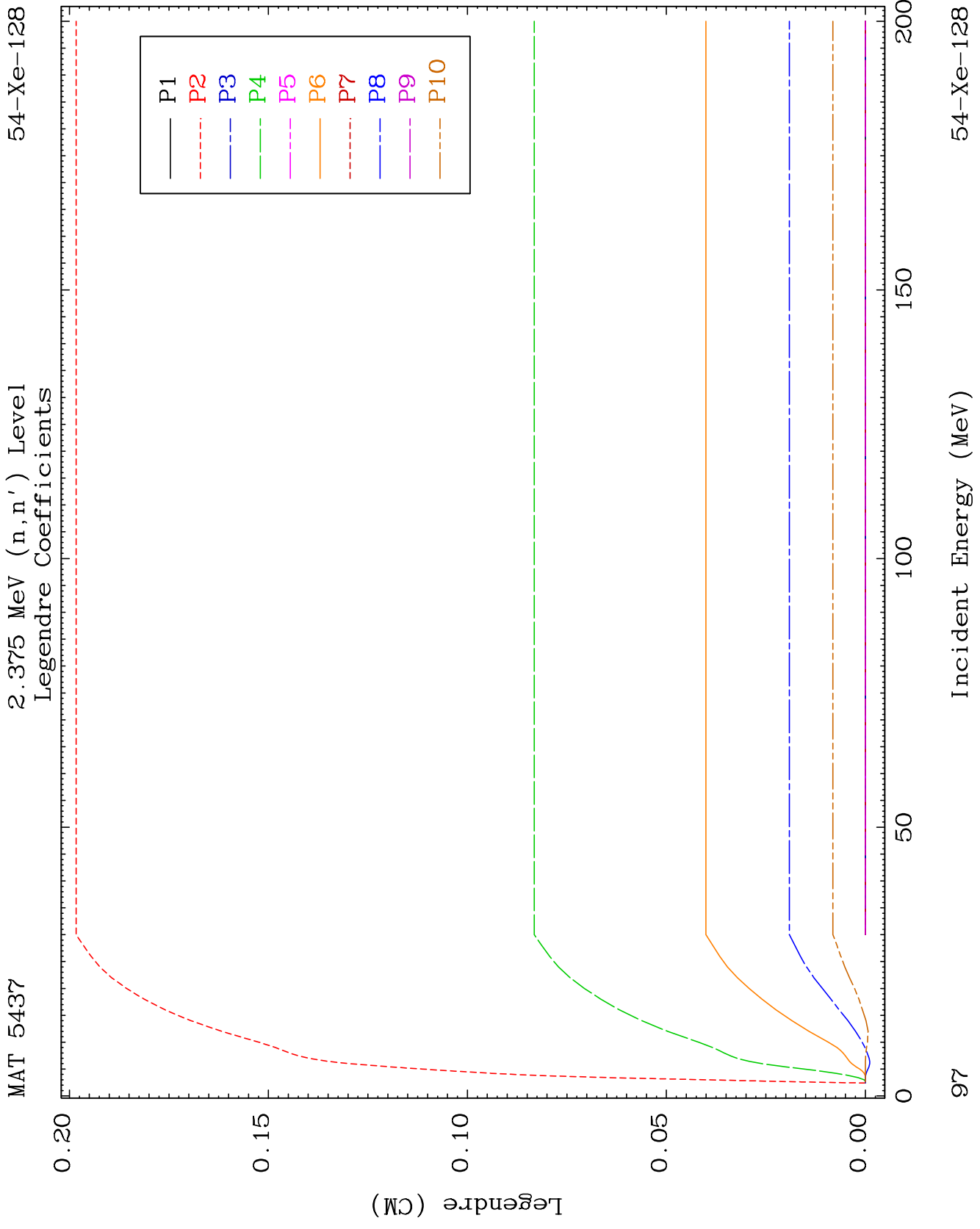


95

Incident Energy (MeV)

54-Xe-128

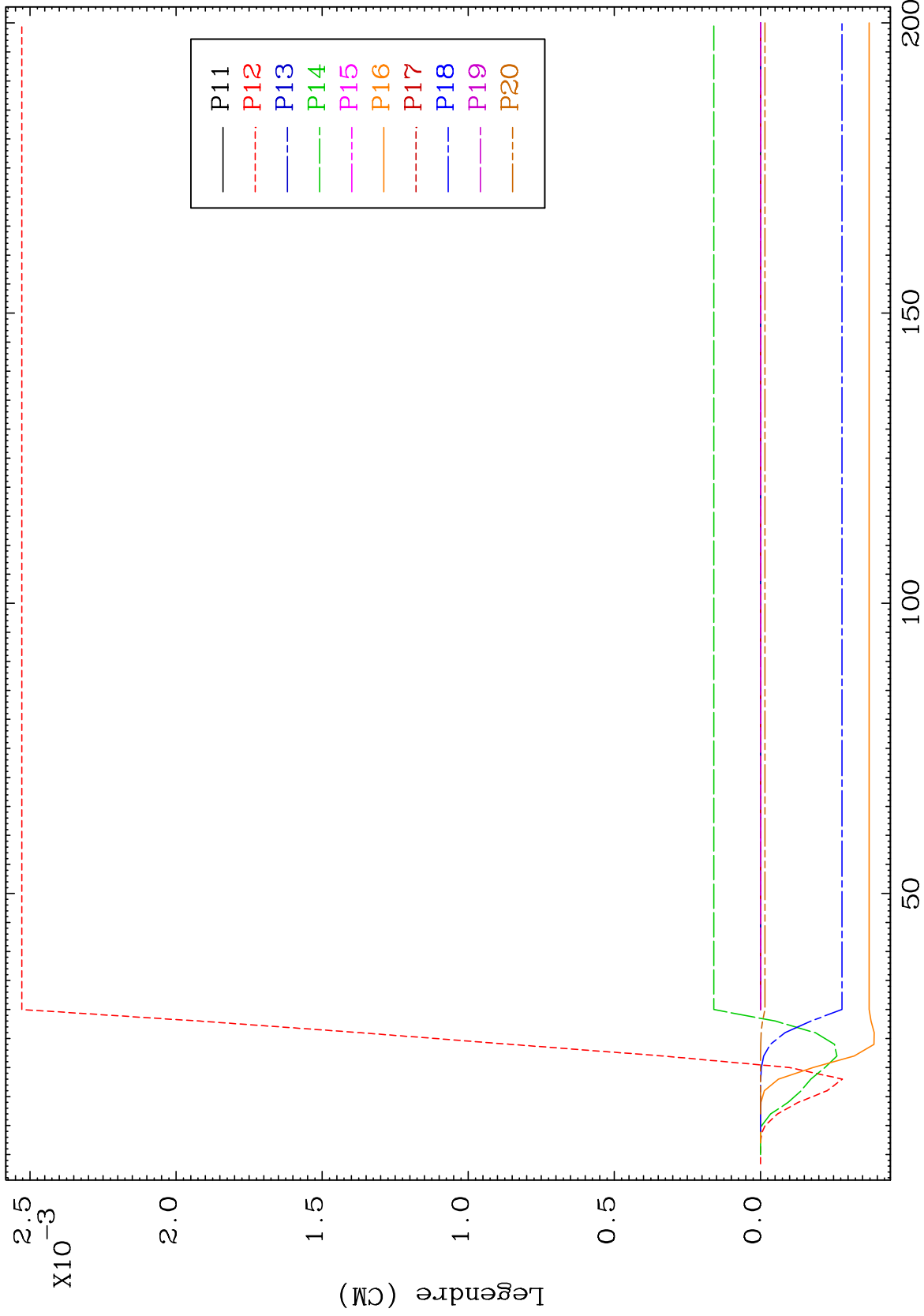




MAT 5437

2.375 MeV (n,n') Level
Legendre Coefficients

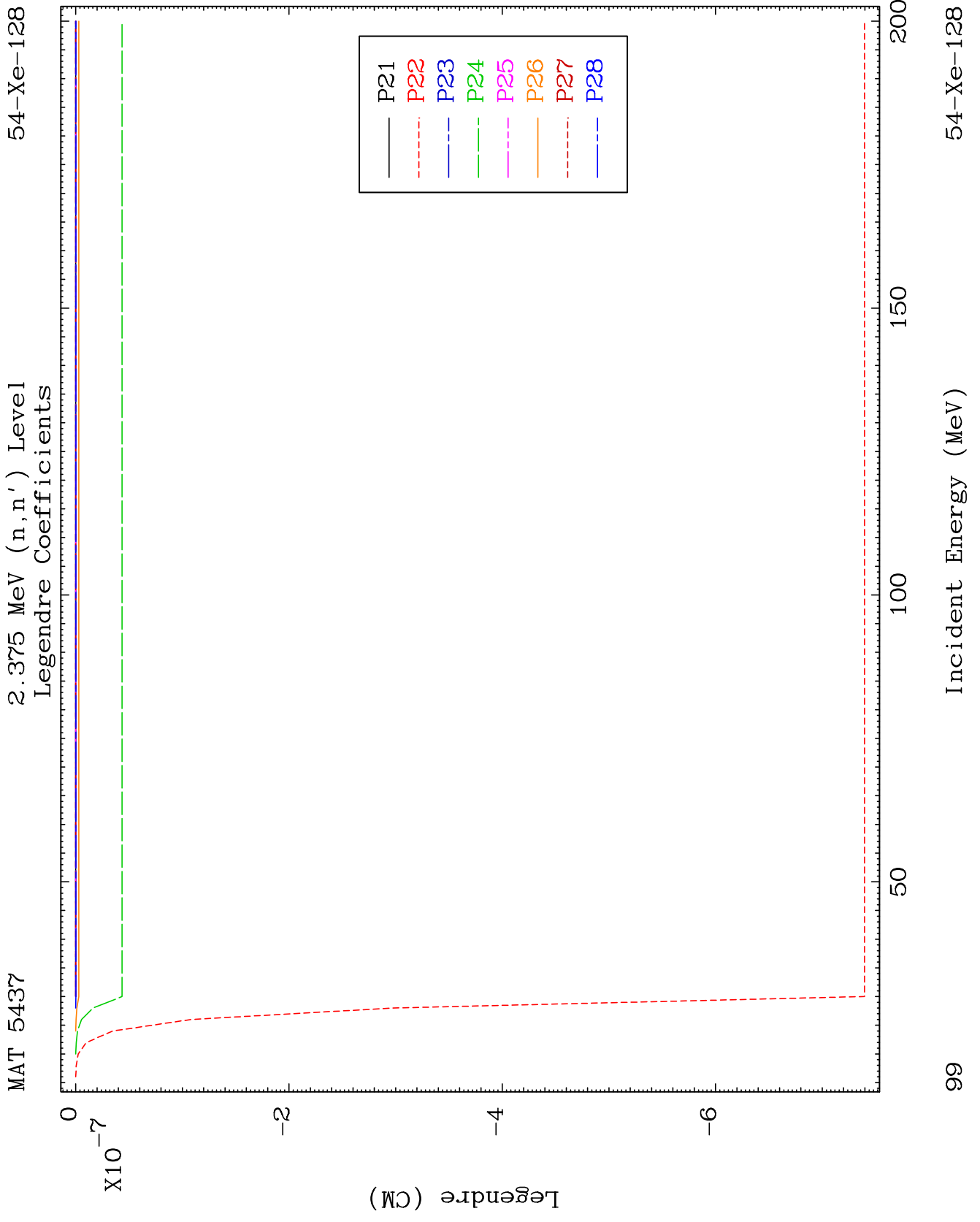
54-Xe-128



98

Incident Energy (MeV)

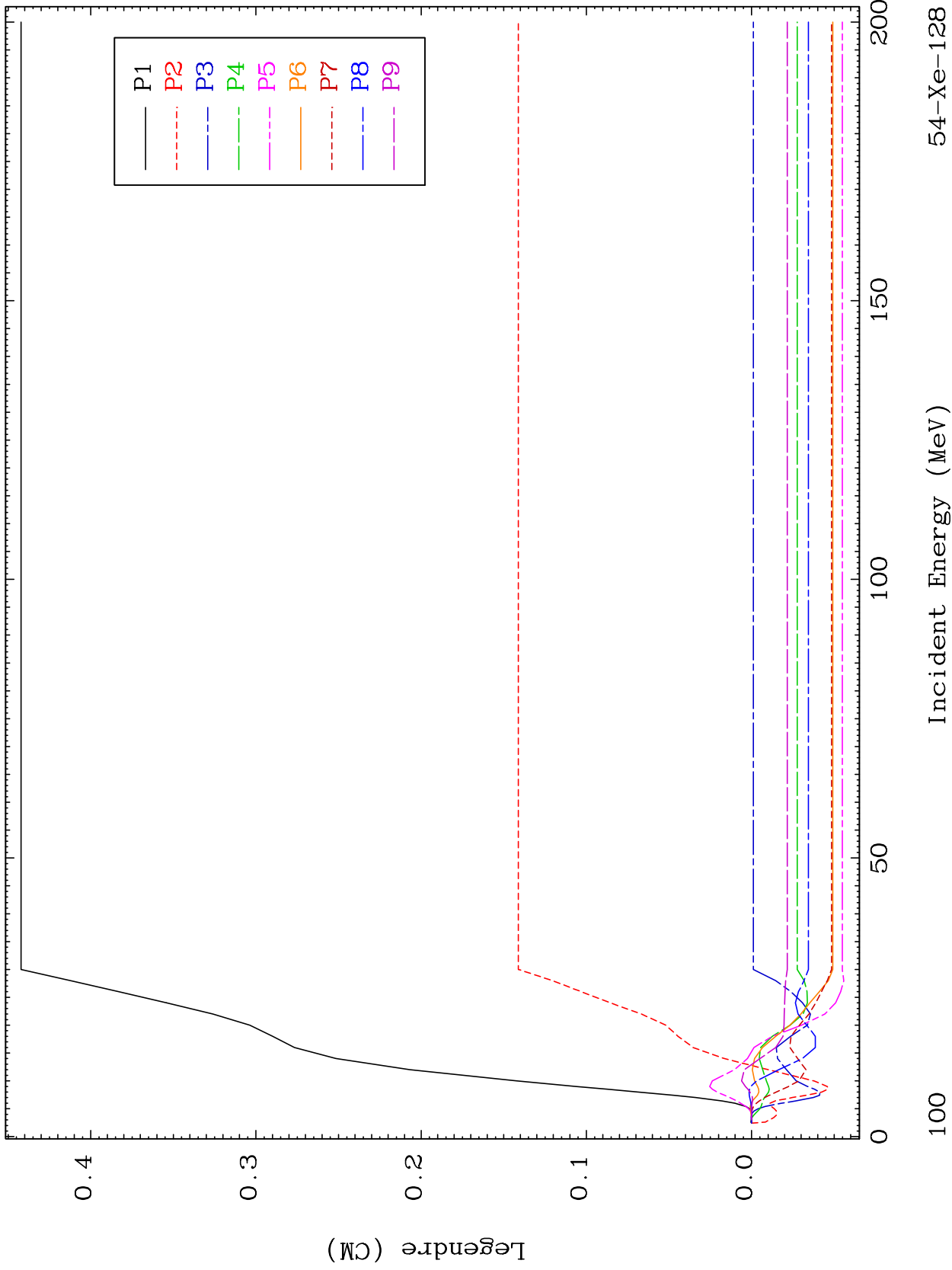
54-Xe-128



MAT 5437

2.389 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

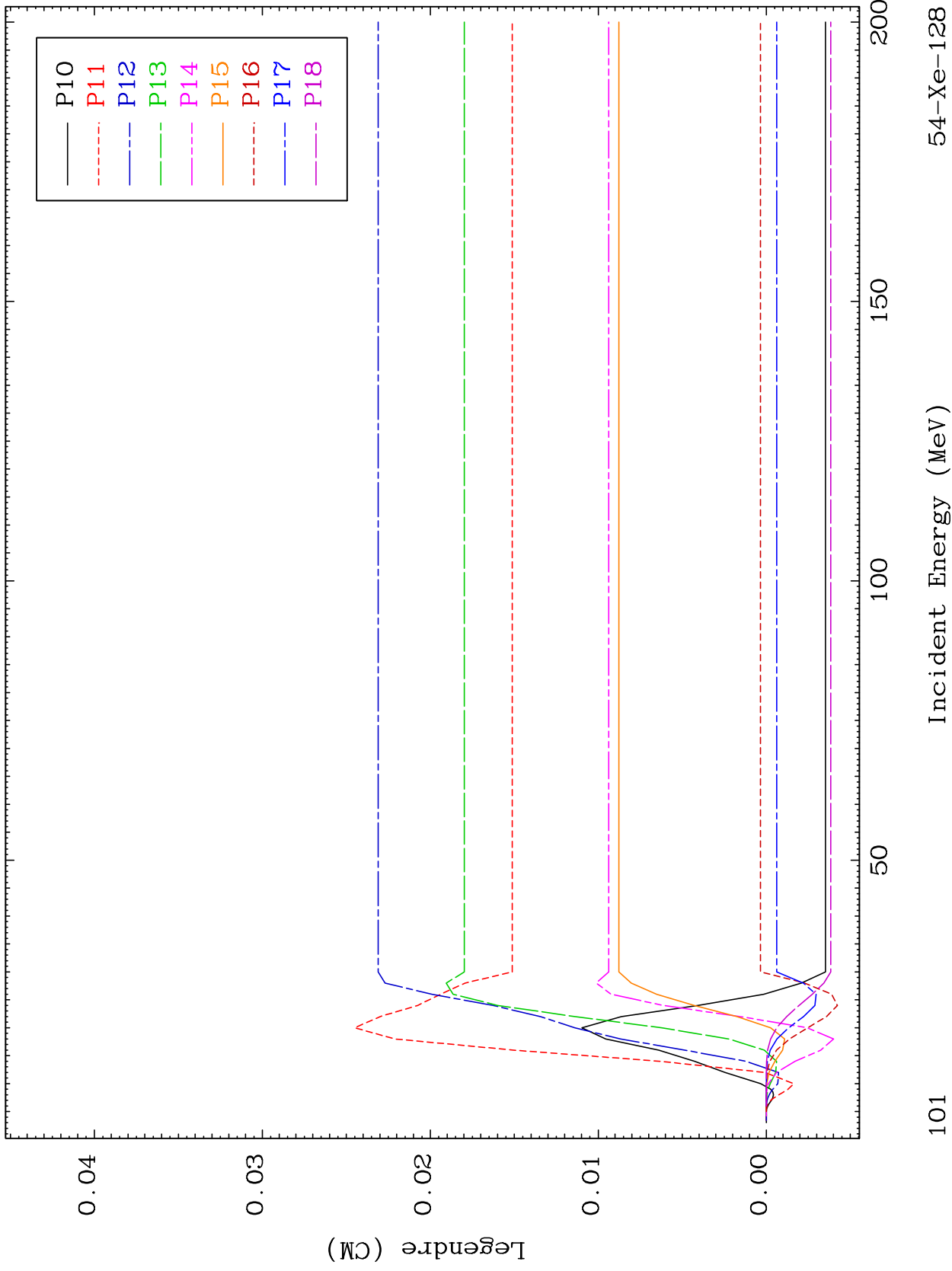
Incident Energy (MeV)

Legendre (CM)

MAT 5437

2.389 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



101

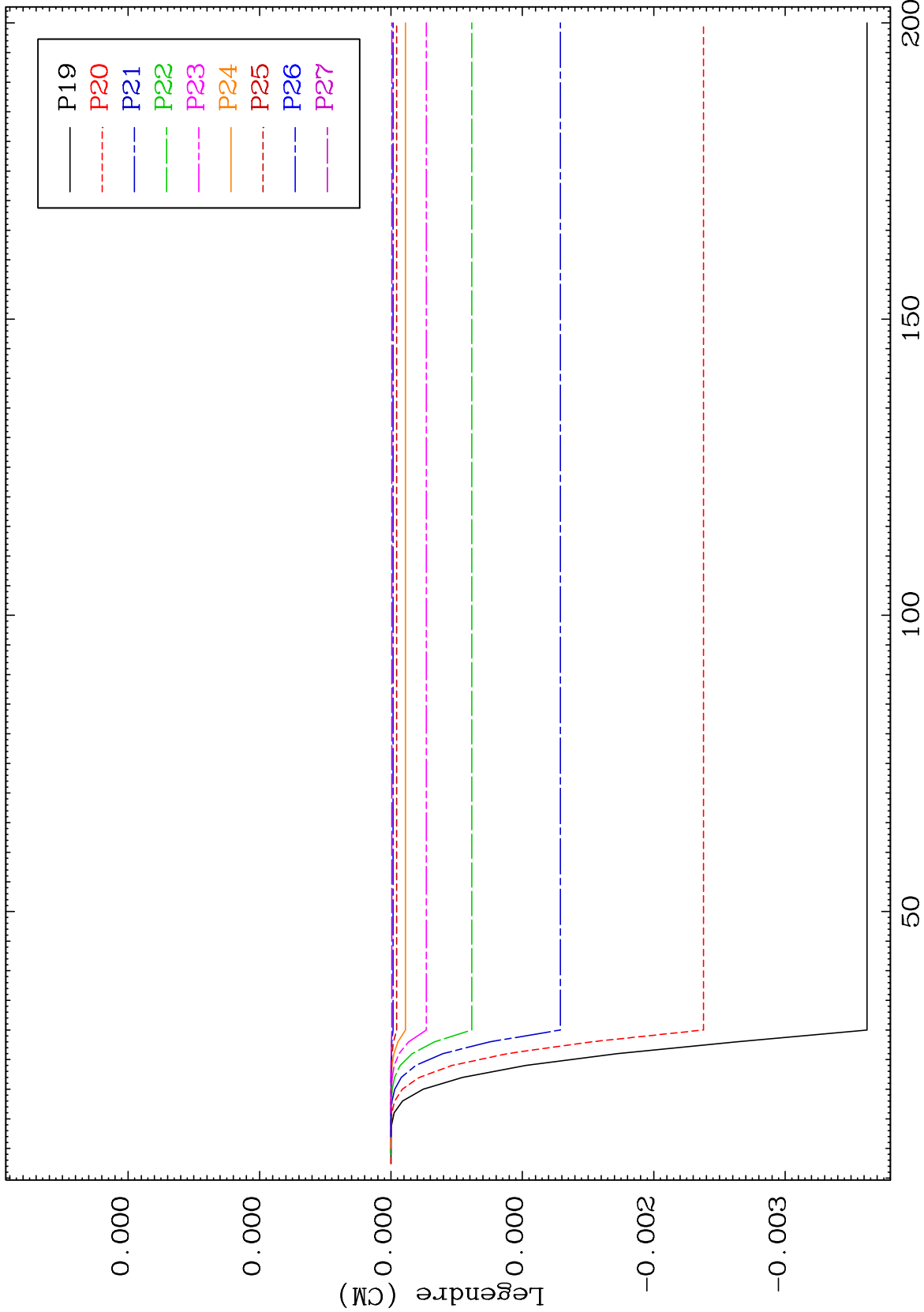
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.389 MeV (n,n') Level
Legendre Coefficients

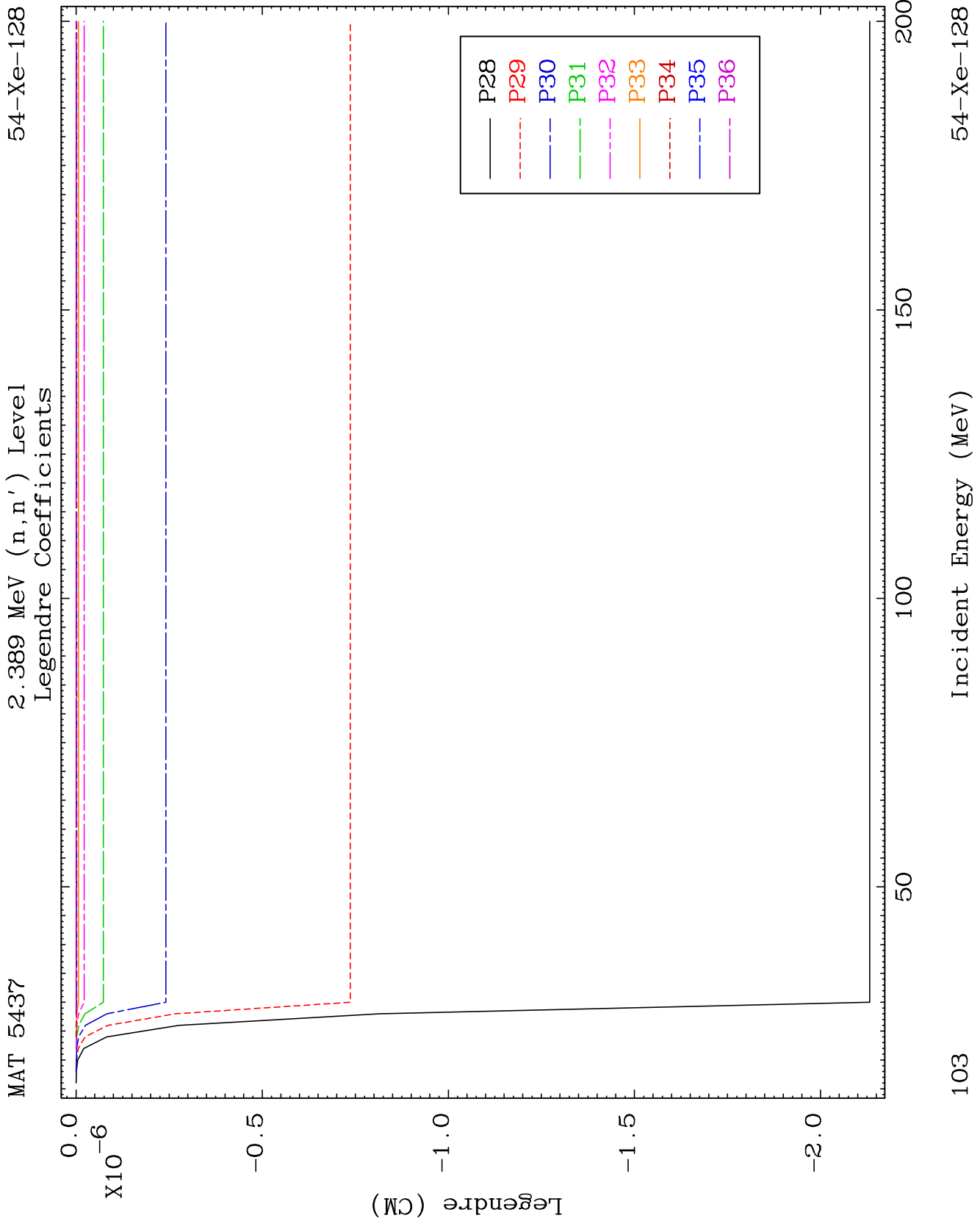
54-Xe-128

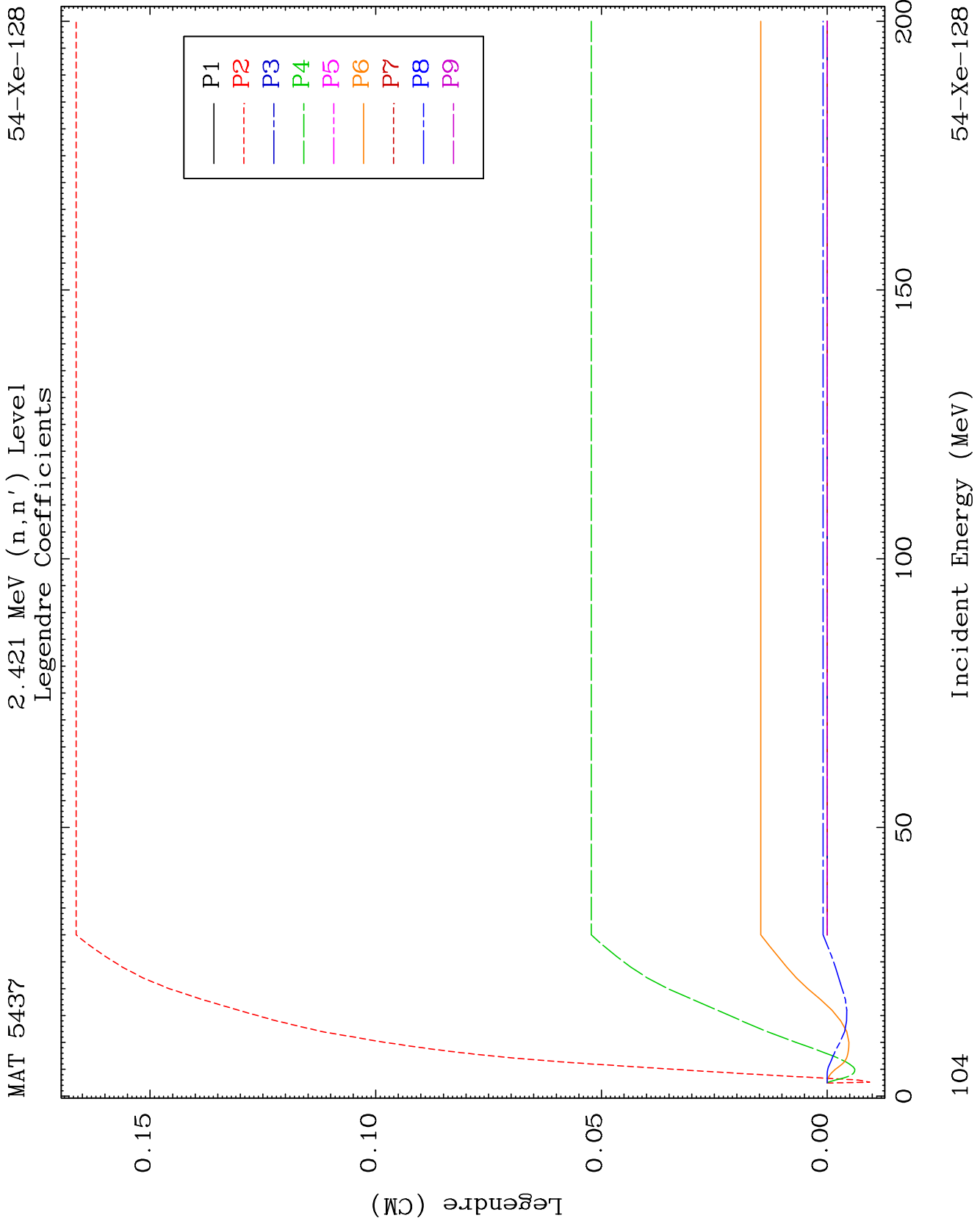


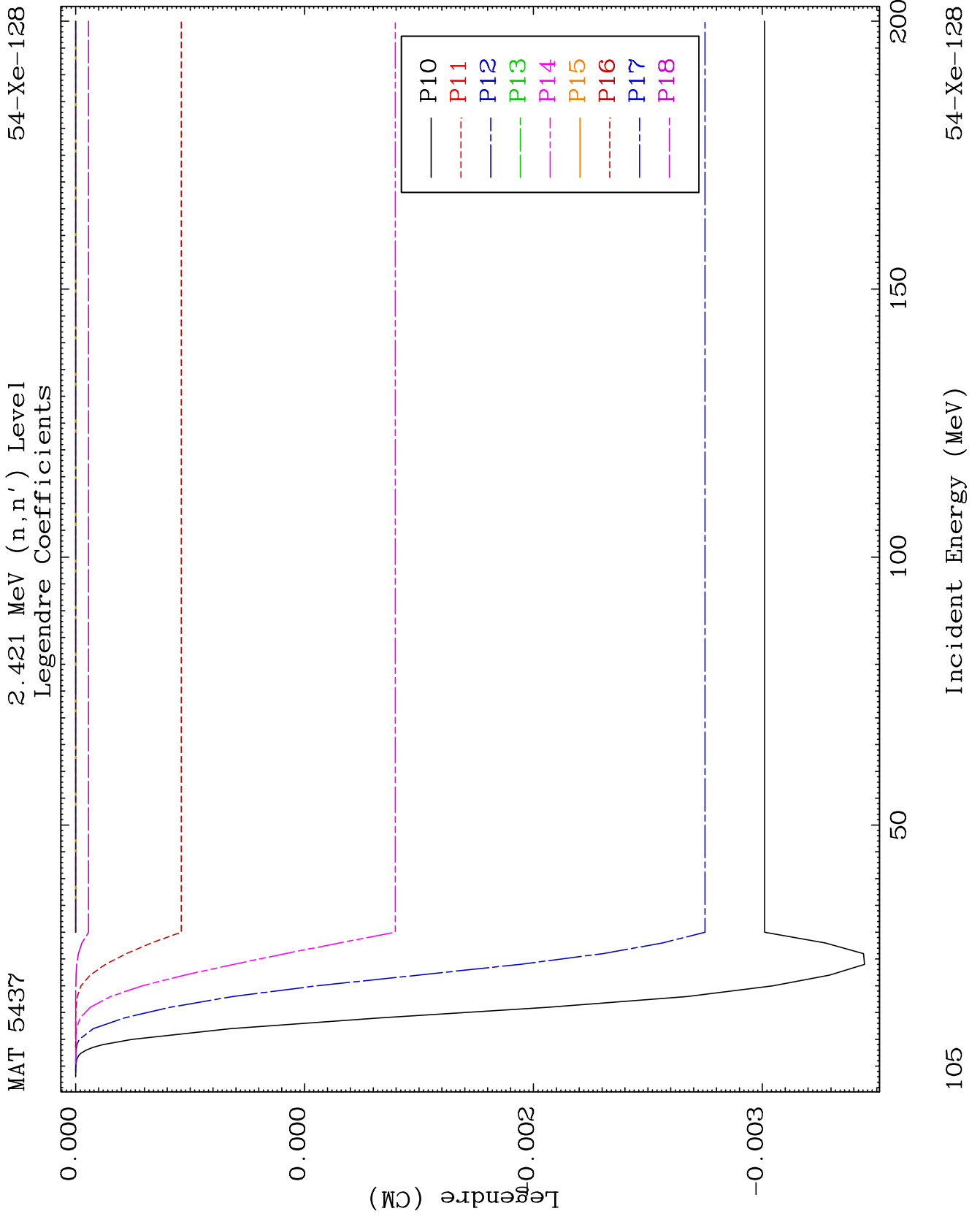
102

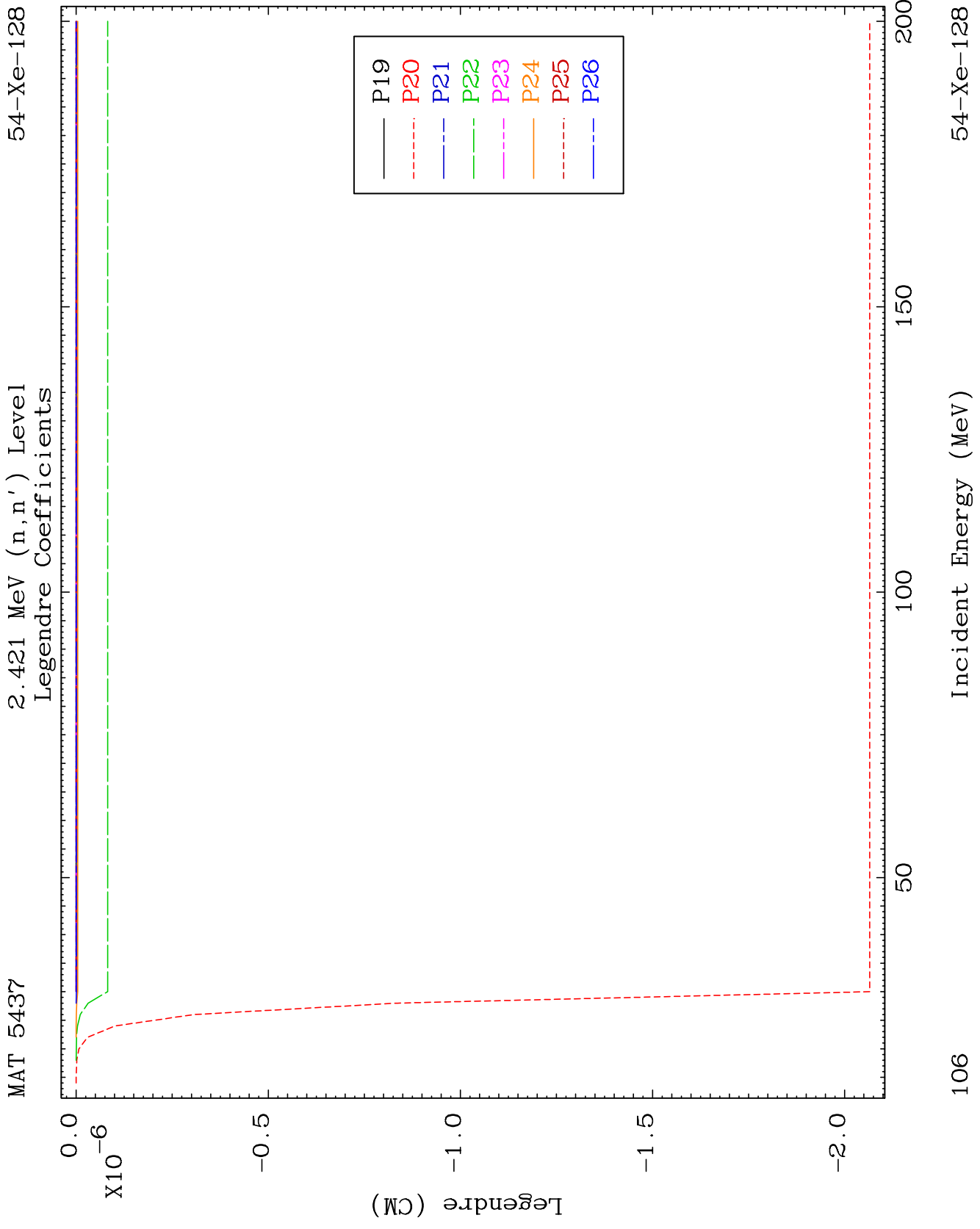
Incident Energy (MeV)

54-Xe-128





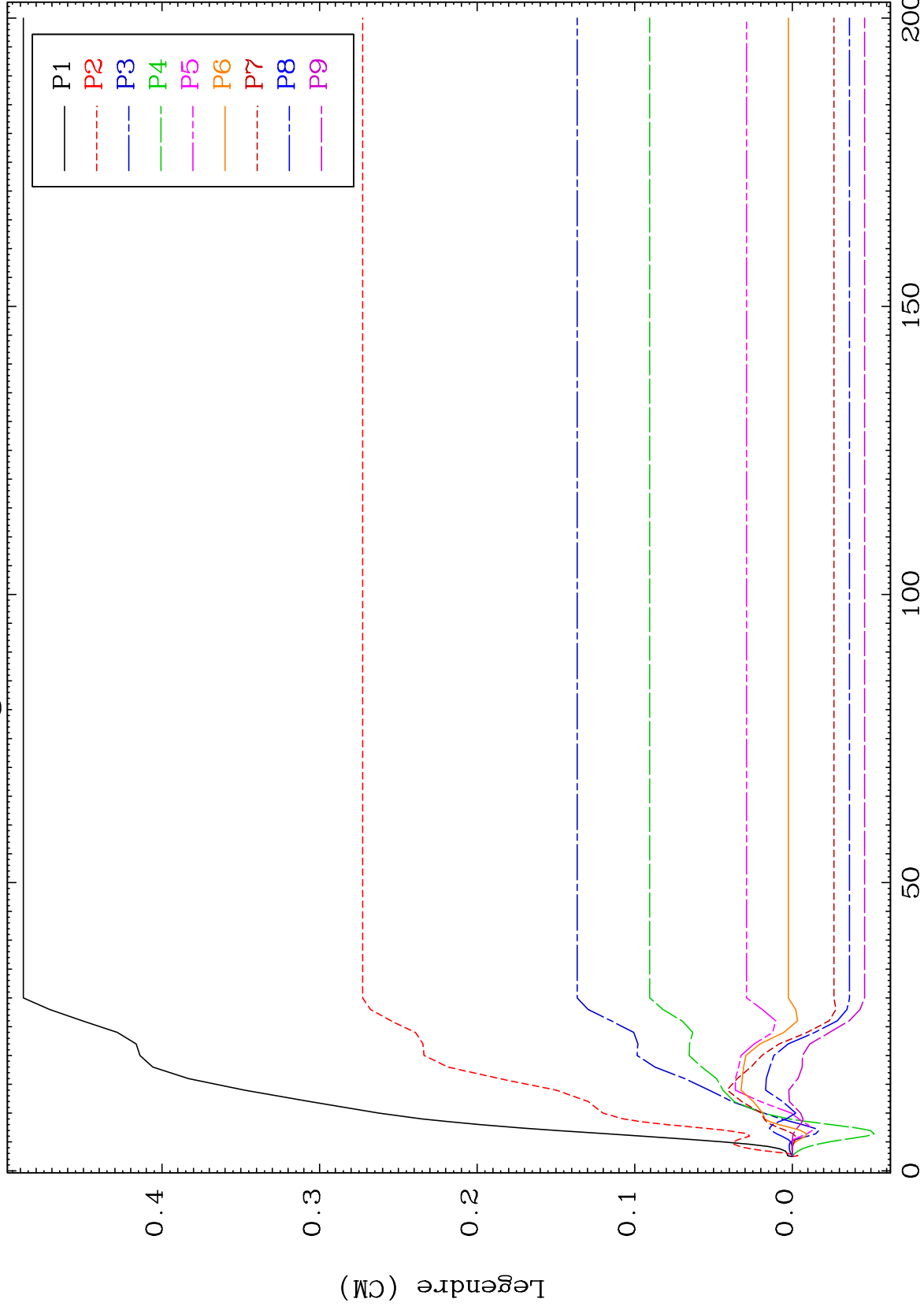




MAT 5437

2.431 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



107

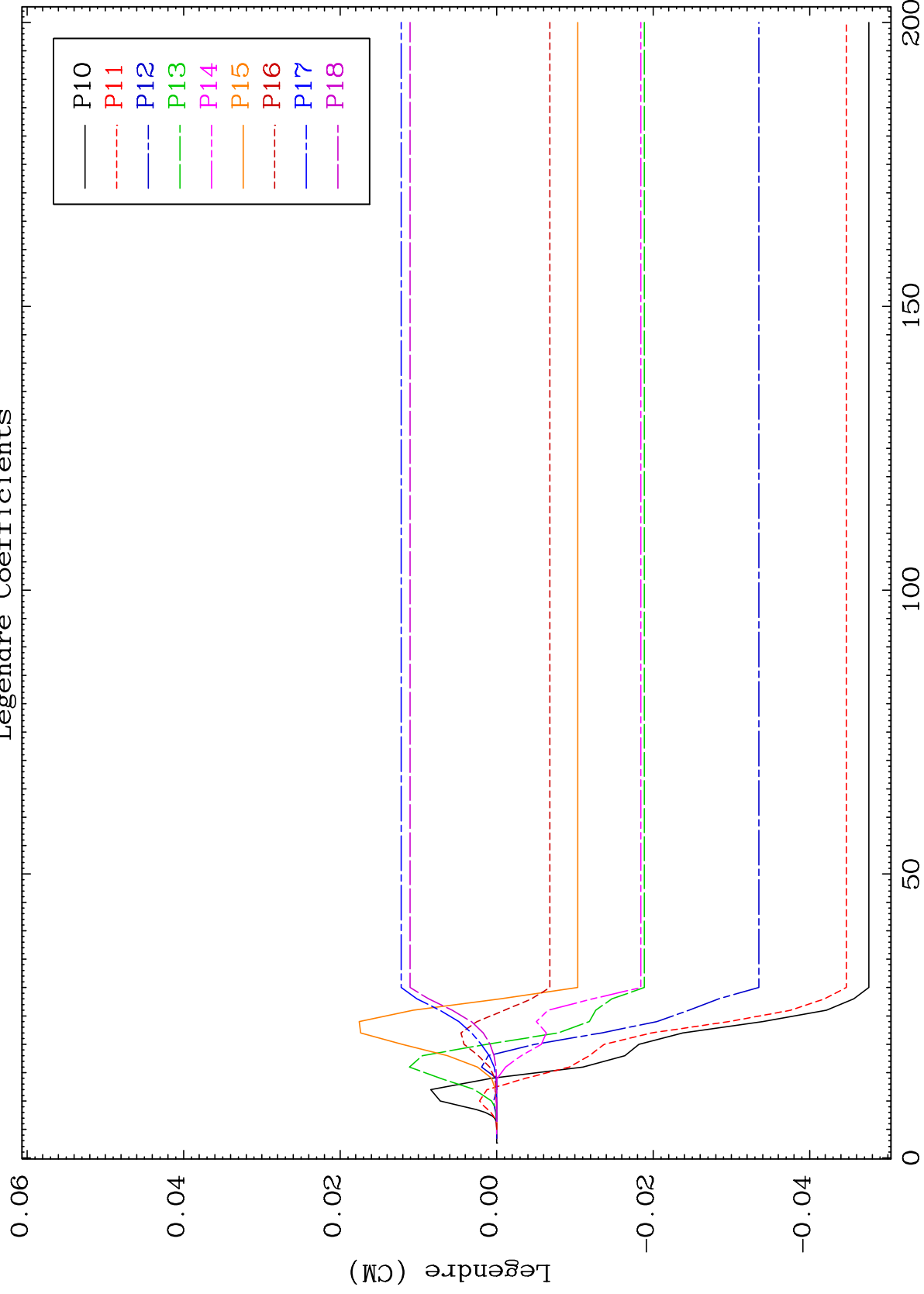
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.431 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



108

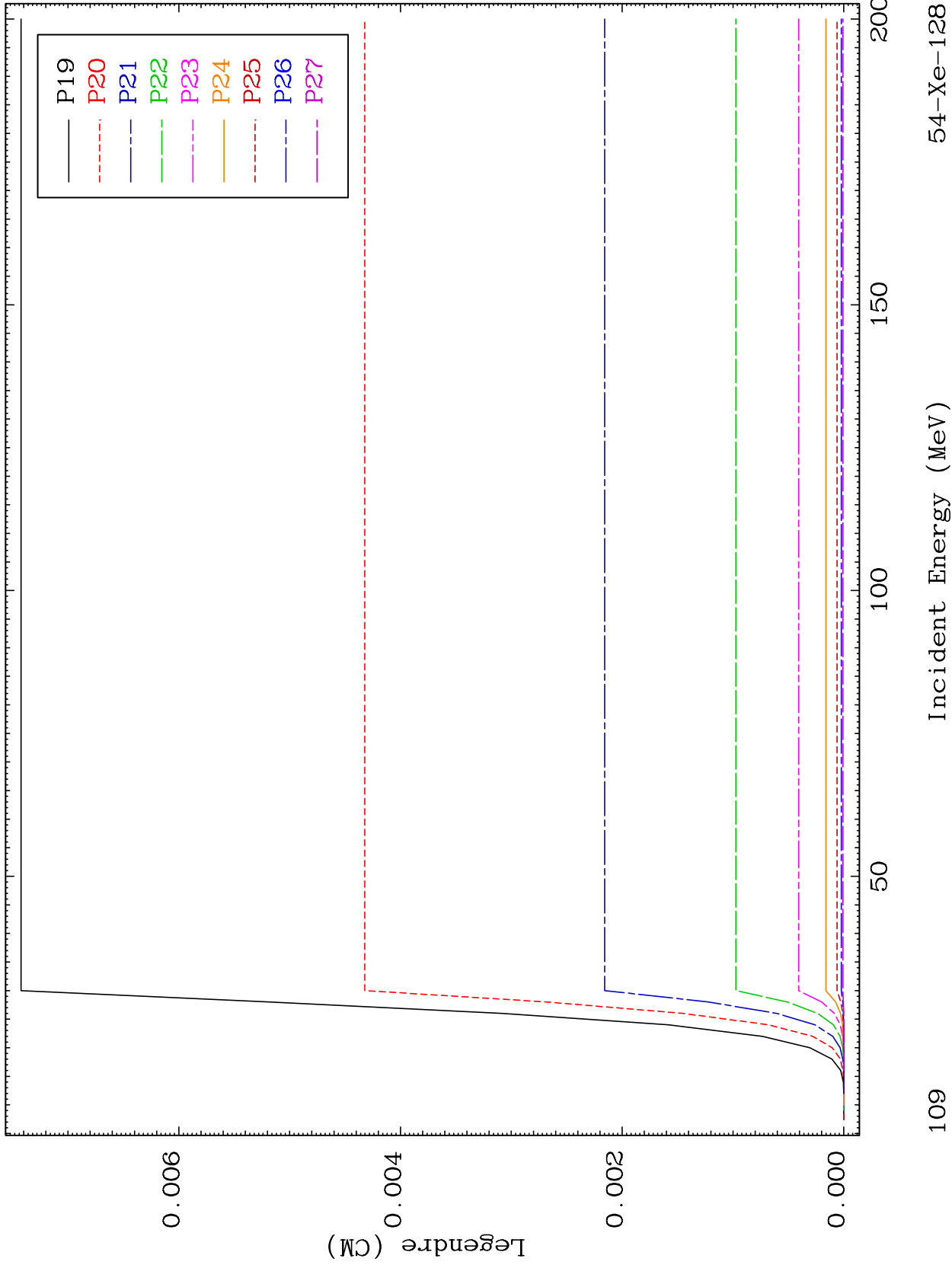
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.431 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



54-Xe-128

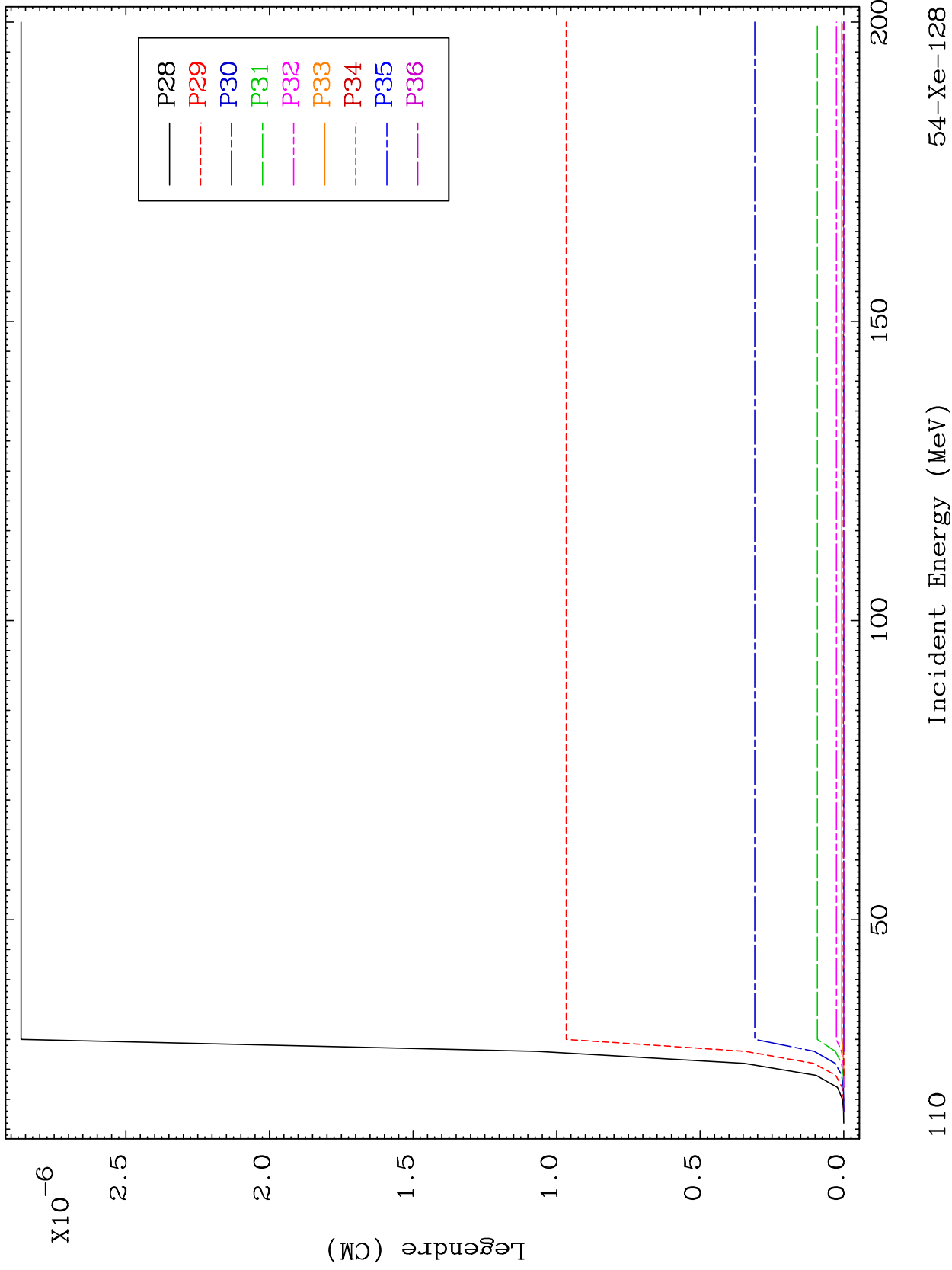
Incident Energy (MeV)

109

MAT 5437

2.431 MeV (n,n') Level
Legendre Coefficients

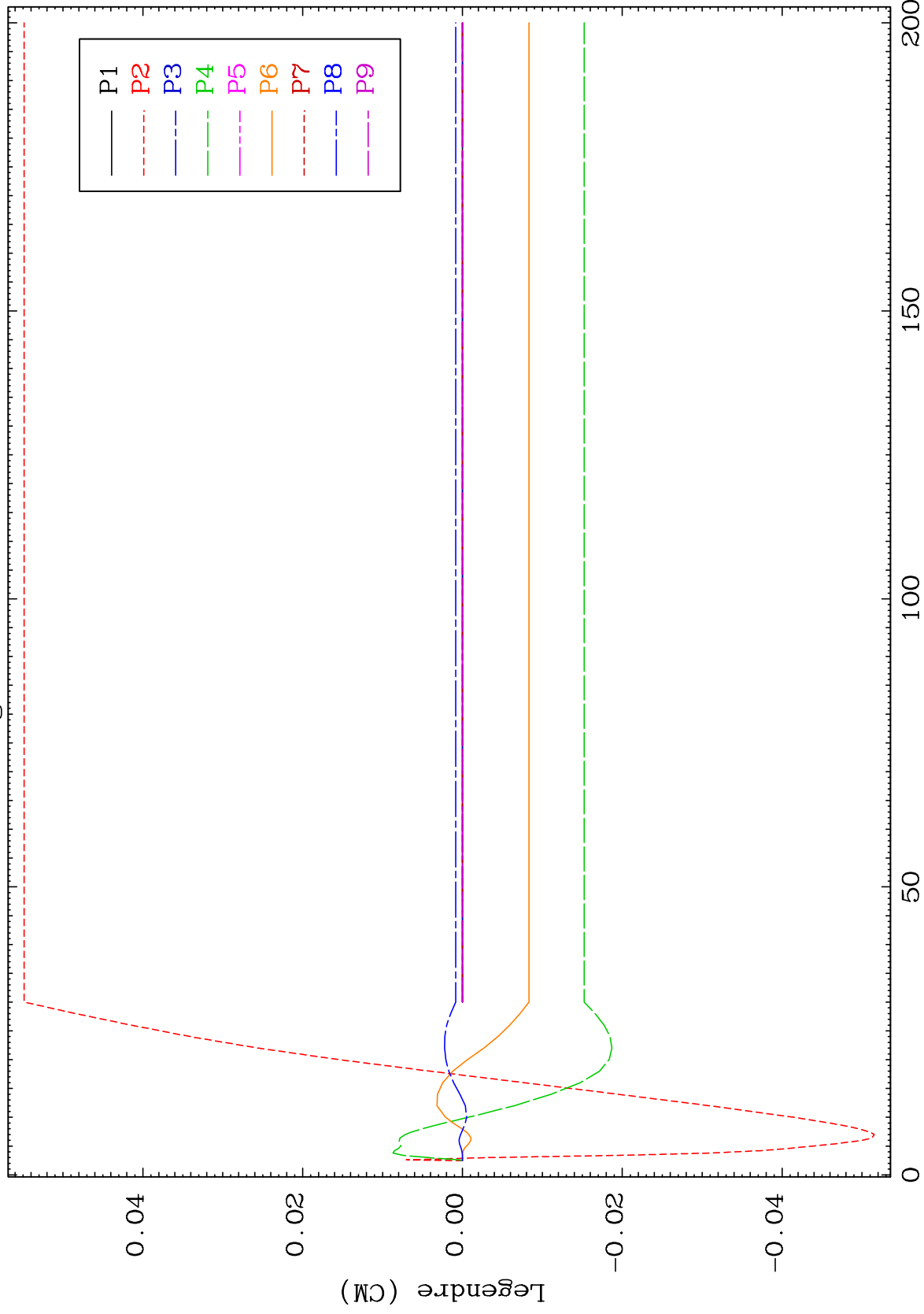
54-Xe-128



MAT 5437

2.439 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



111

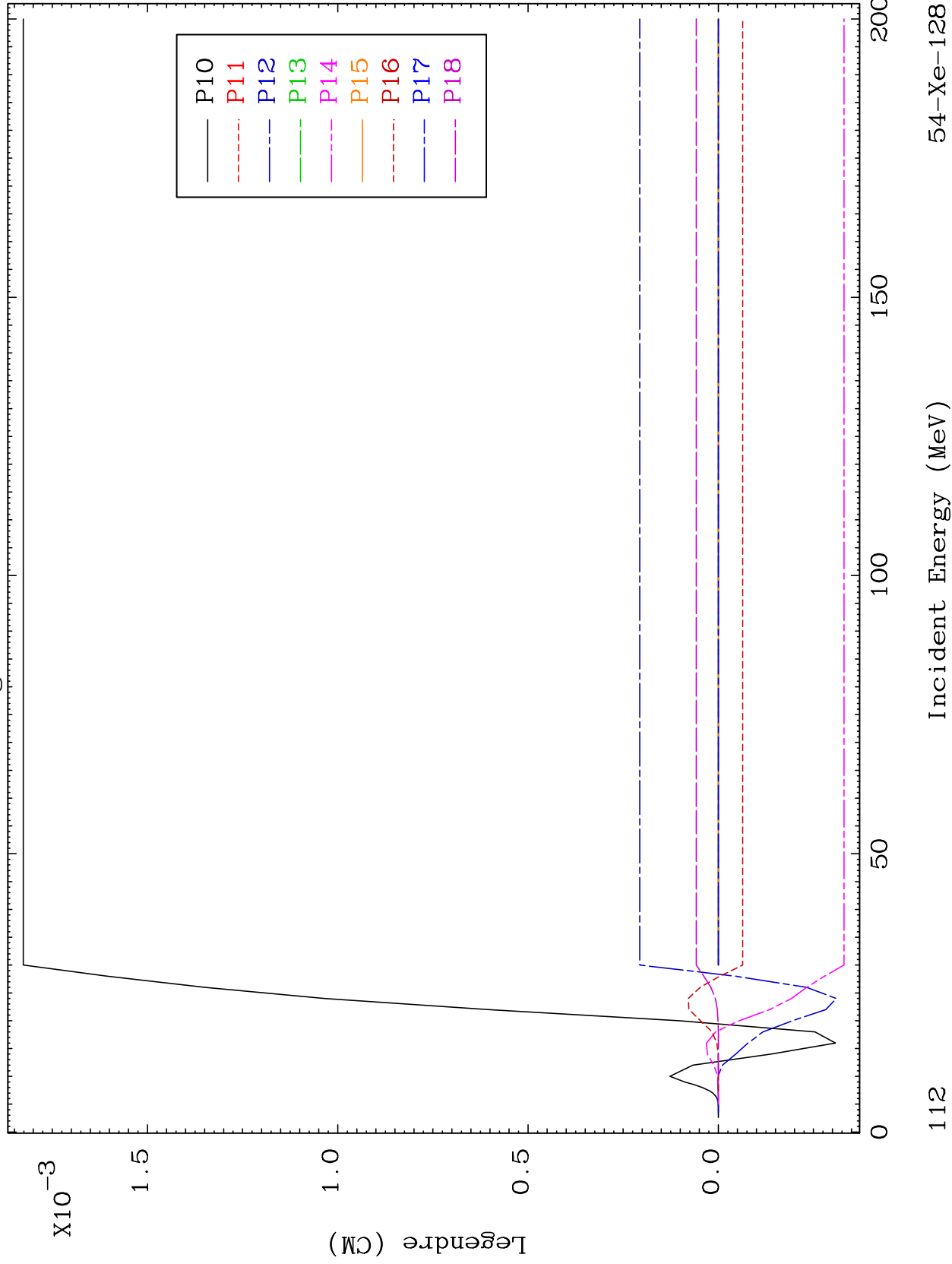
Incident Energy (MeV)

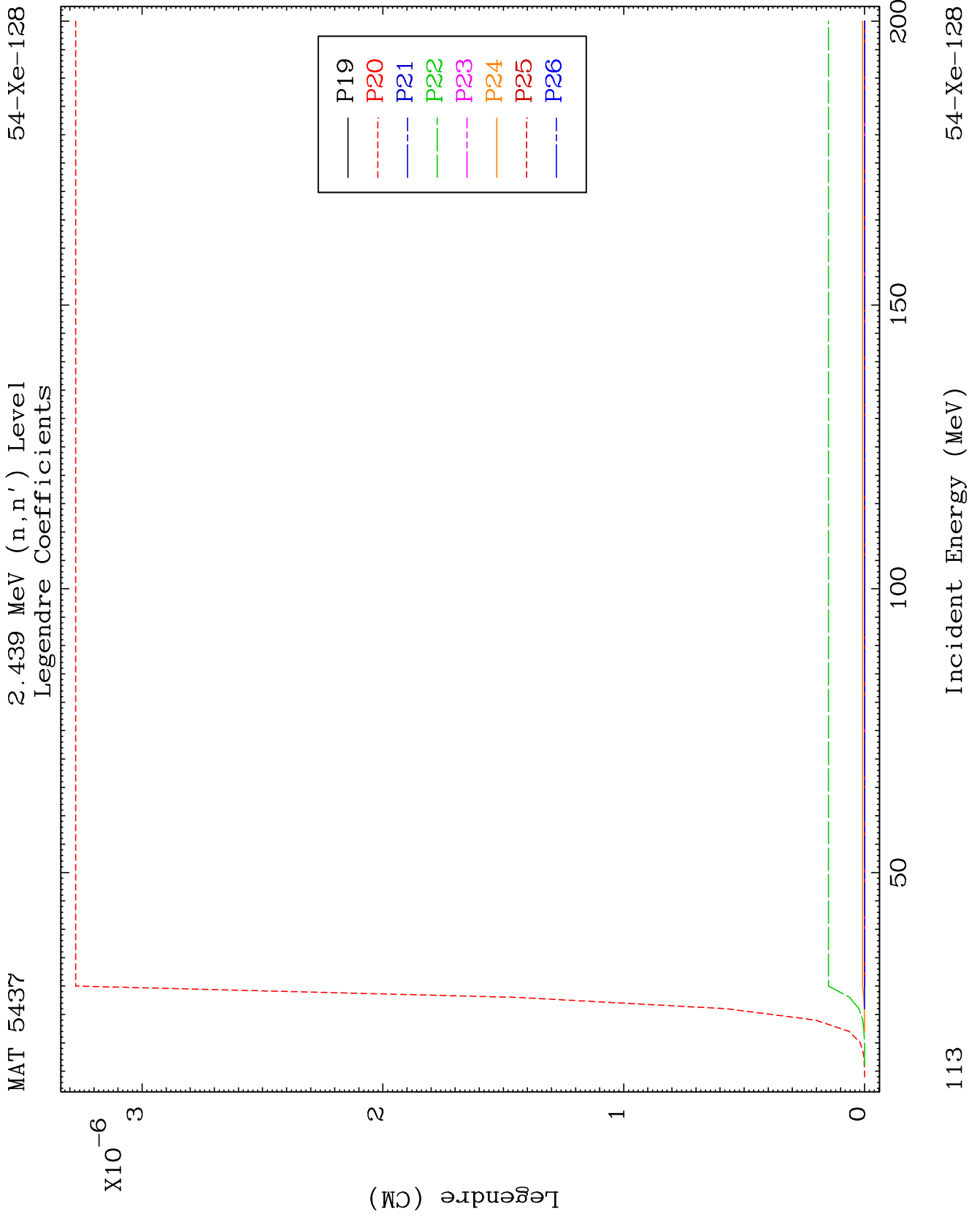
54-Xe-128

MAT 5437

2.439 MeV (n, n') Level
Legendre Coefficients

54-Xe-128

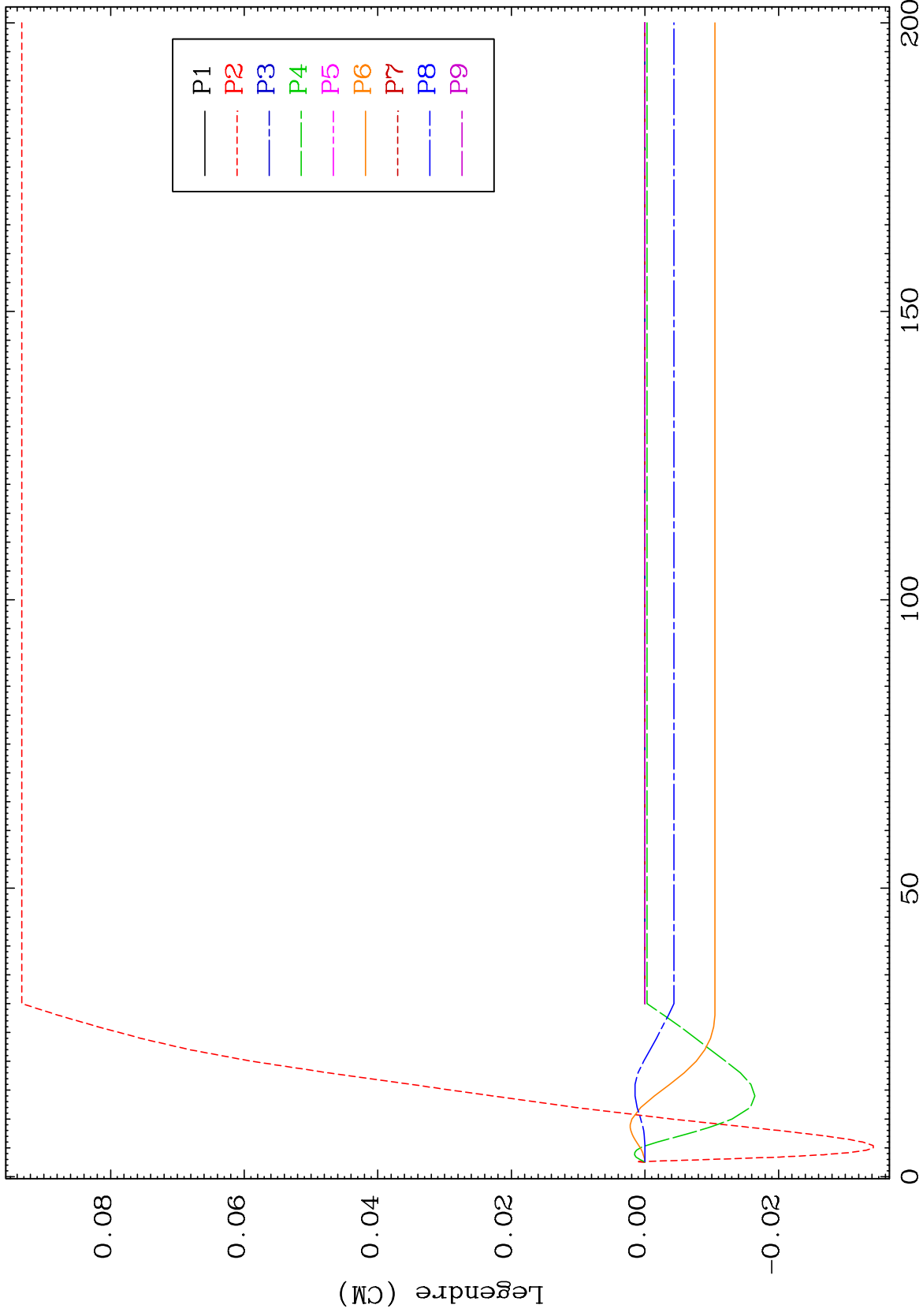




MAT 5437

2.444 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



114

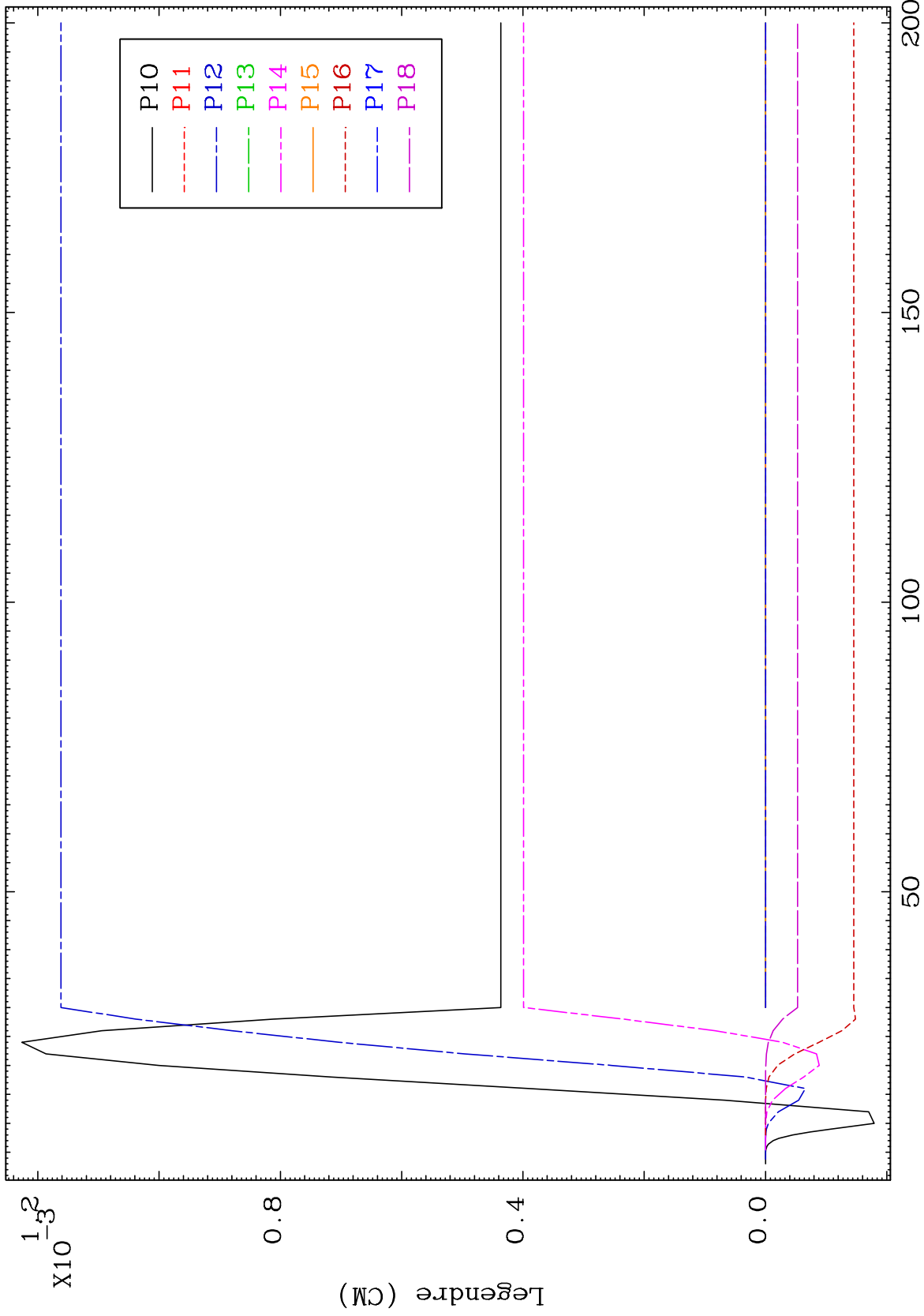
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.444 MeV (n, n') Level
Legendre Coefficients

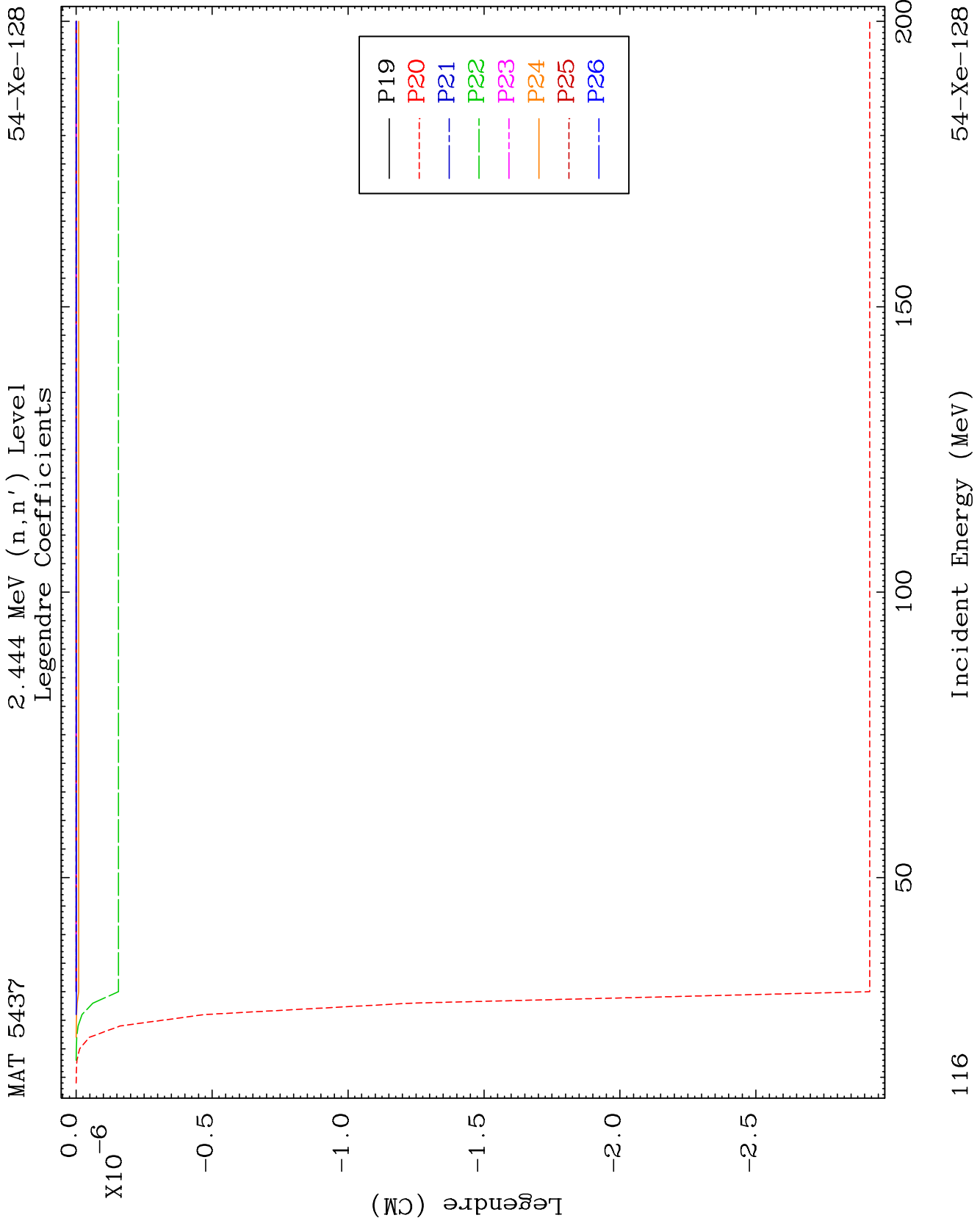
54-Xe-128

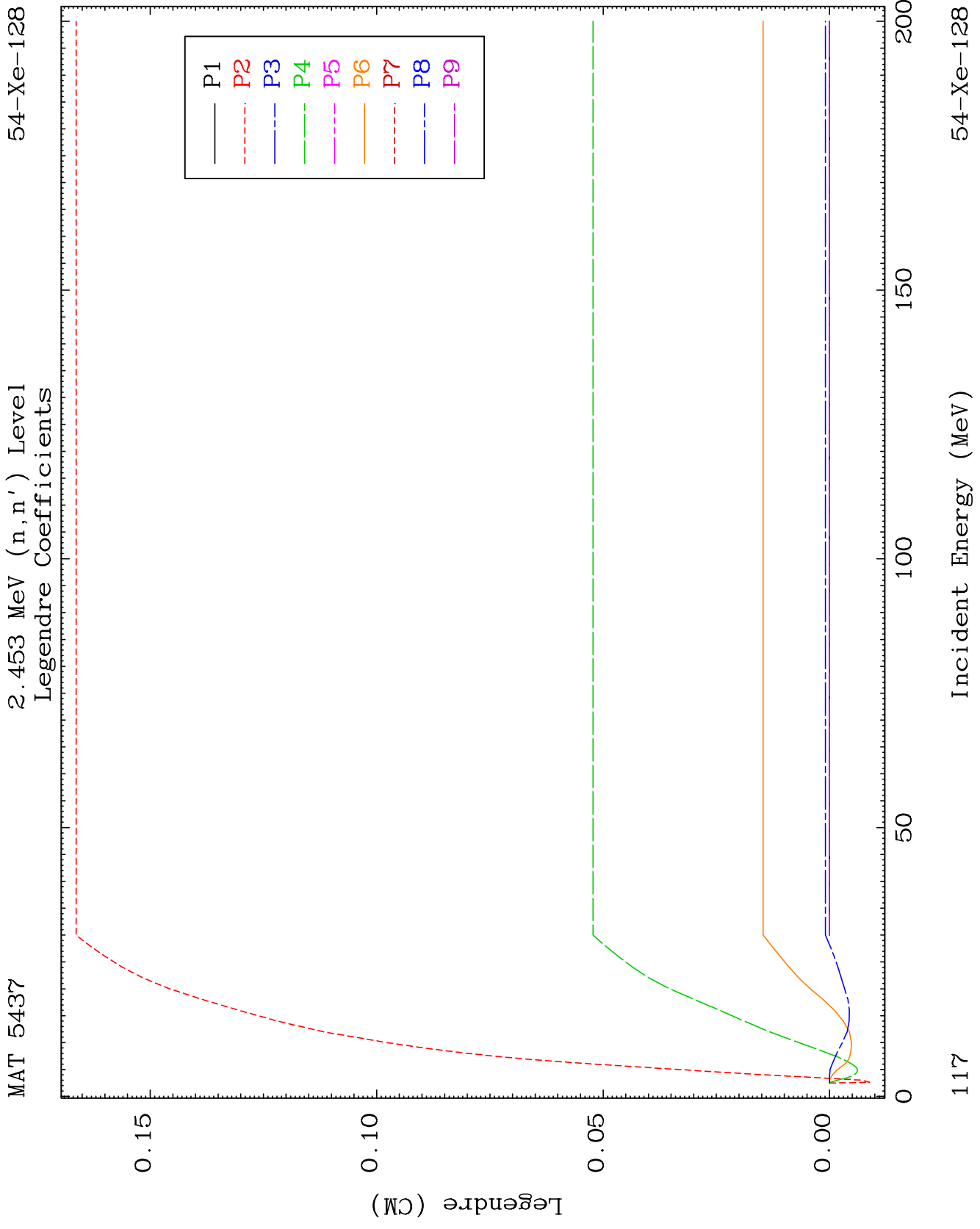


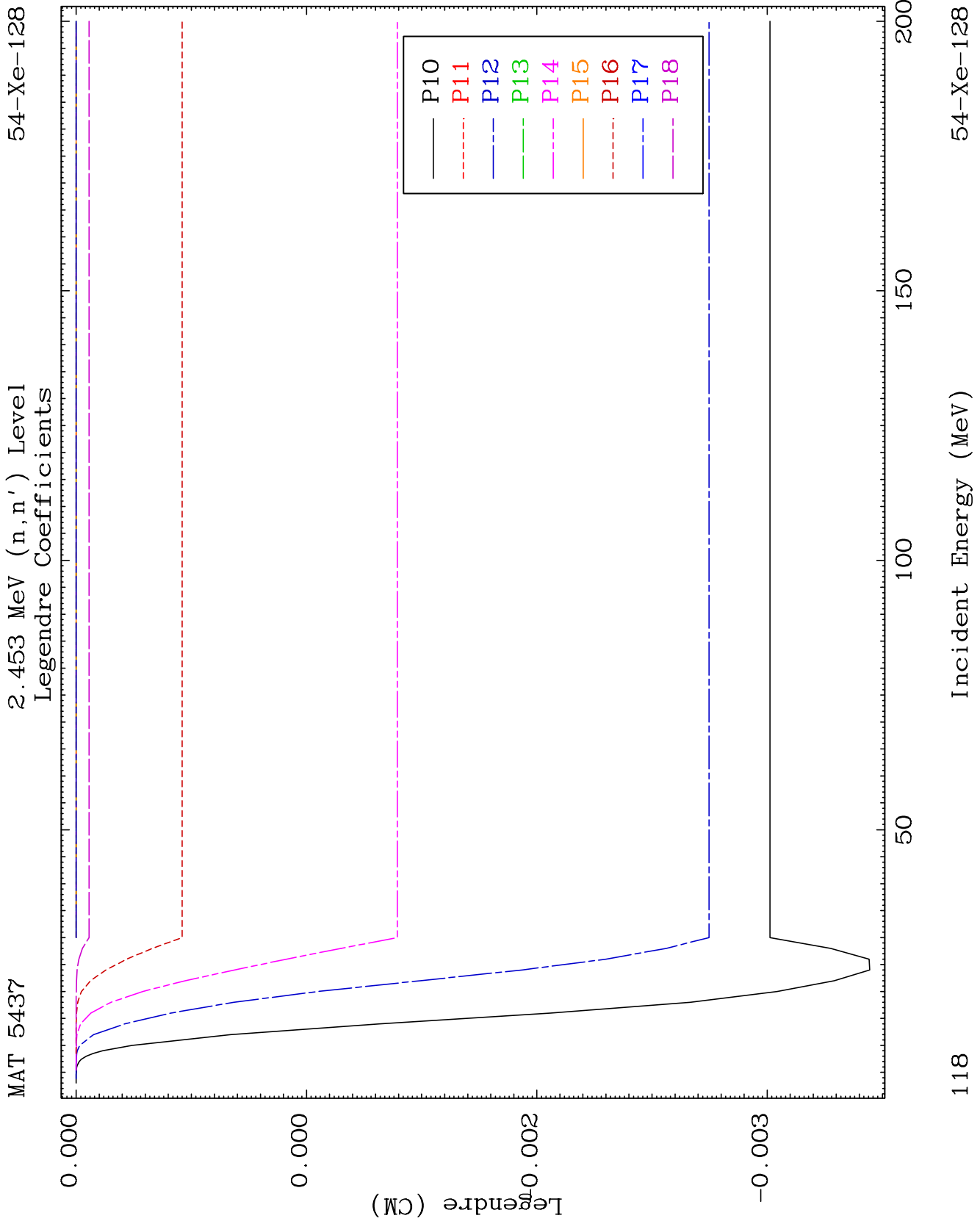
115

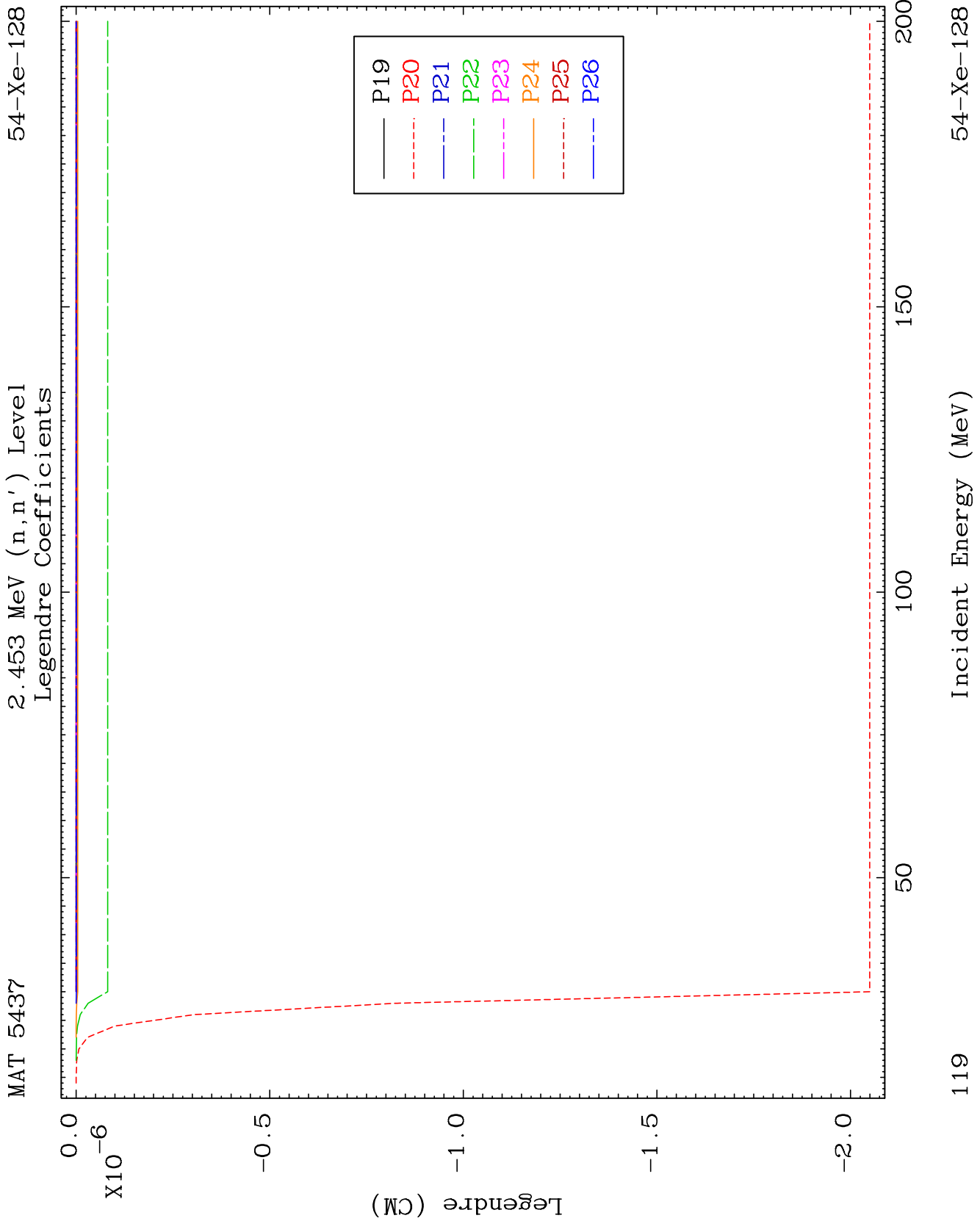
Incident Energy (MeV)

54-Xe-128





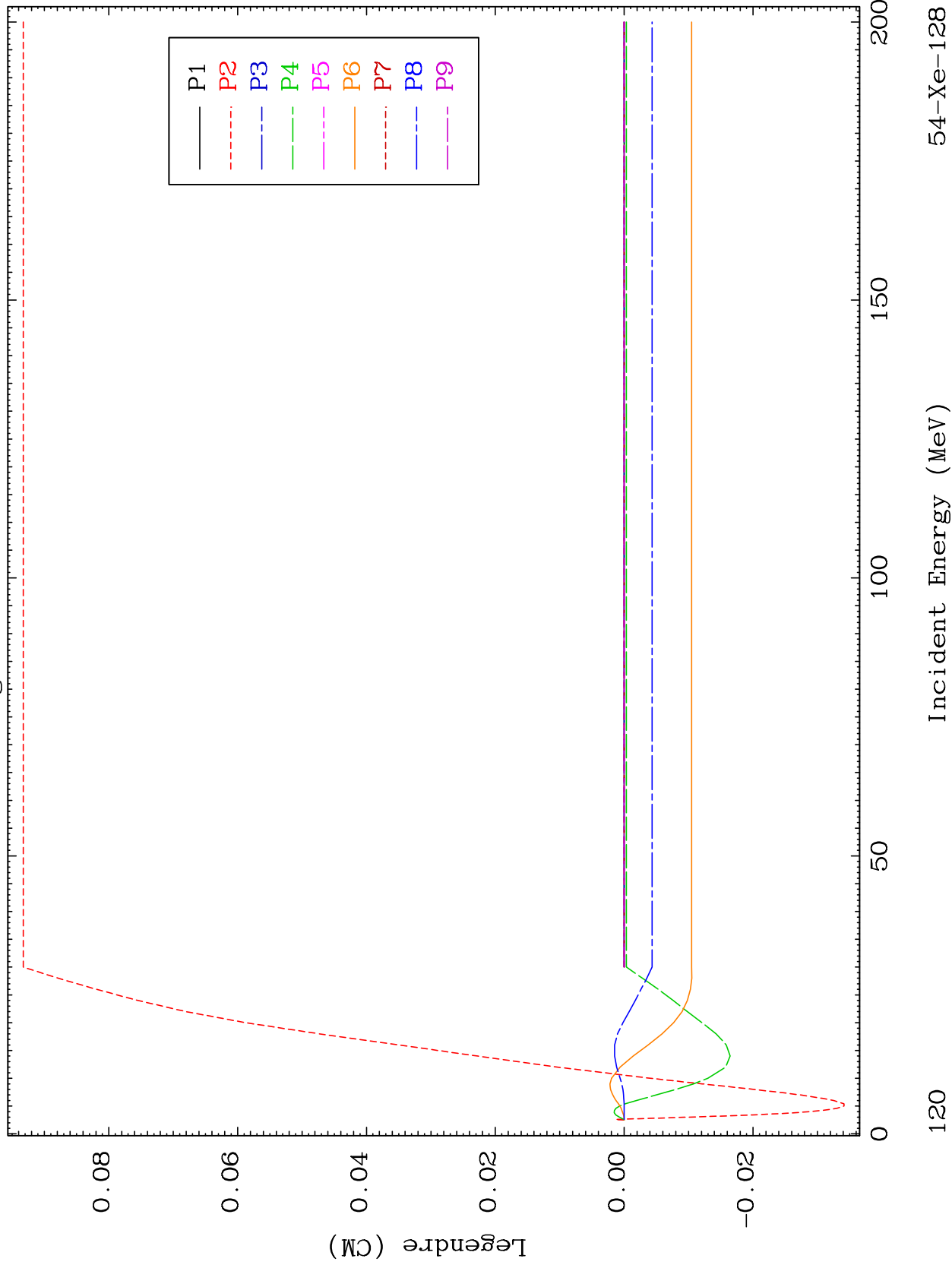




MAT 5437

2.463 MeV (n,n') Level
Legendre Coefficients

54-Xe-128

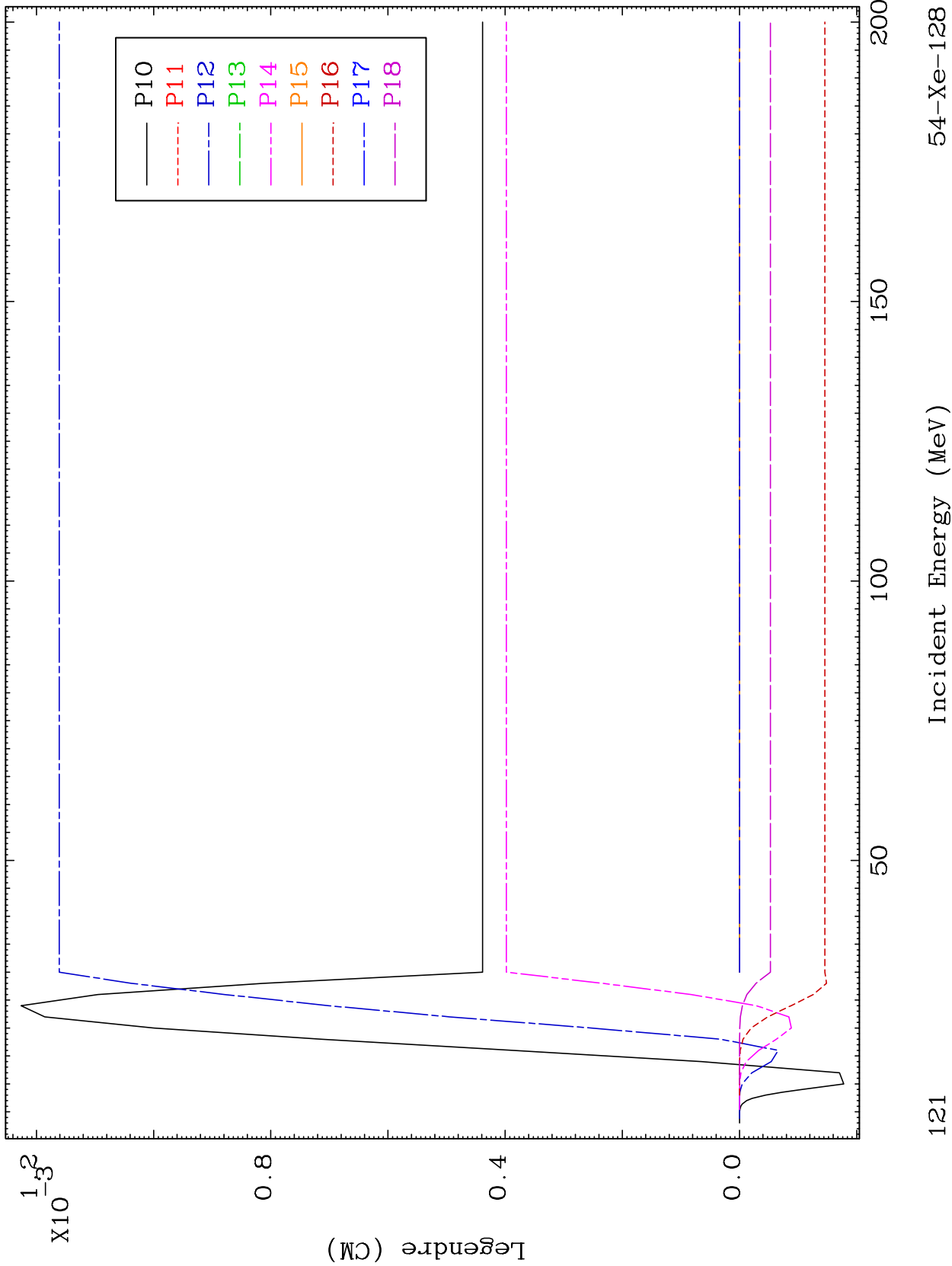


54-Xe-128

MAT 5437

2.463 MeV (n, n') Level
Legendre Coefficients

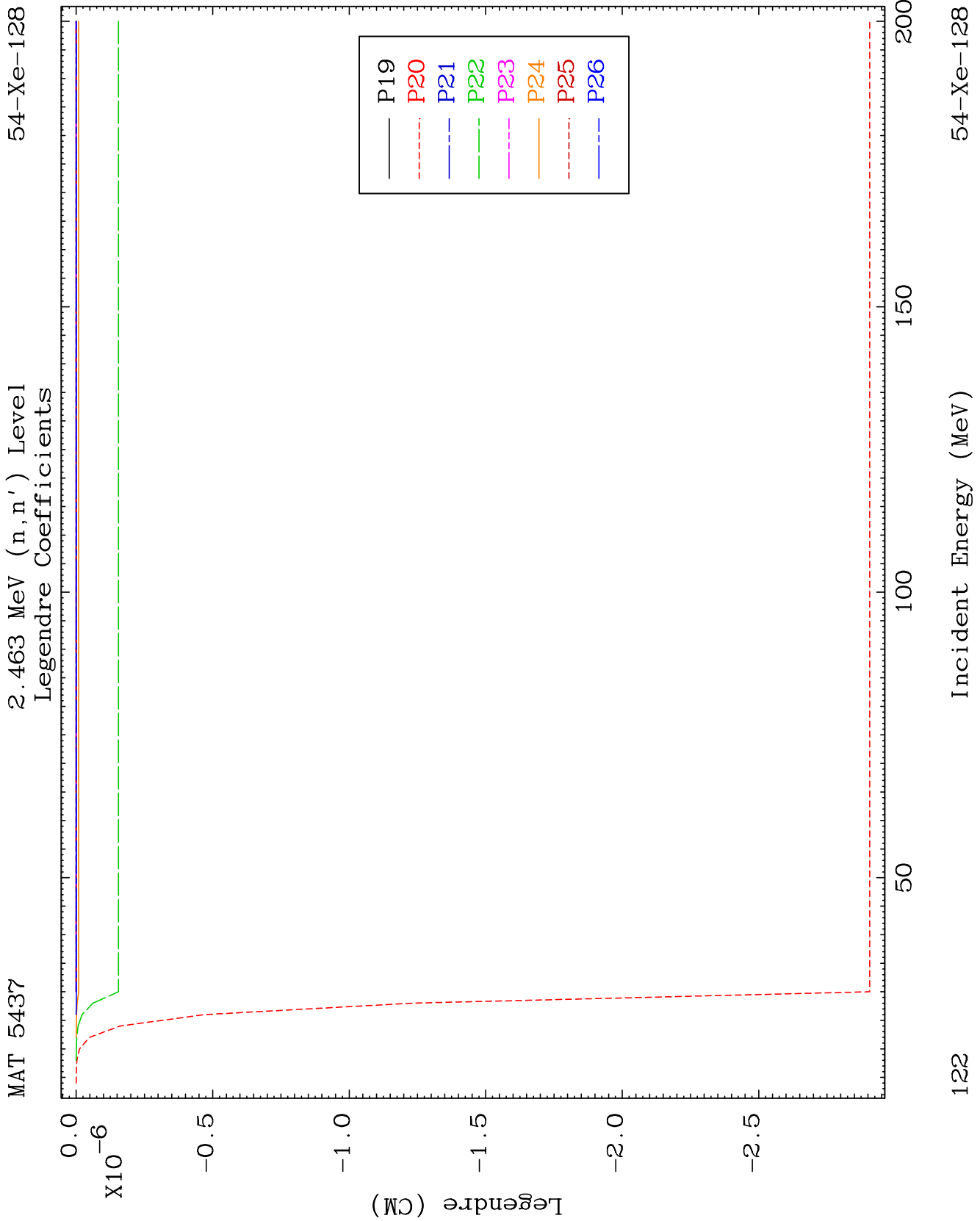
54-Xe-128



121

Incident Energy (MeV)

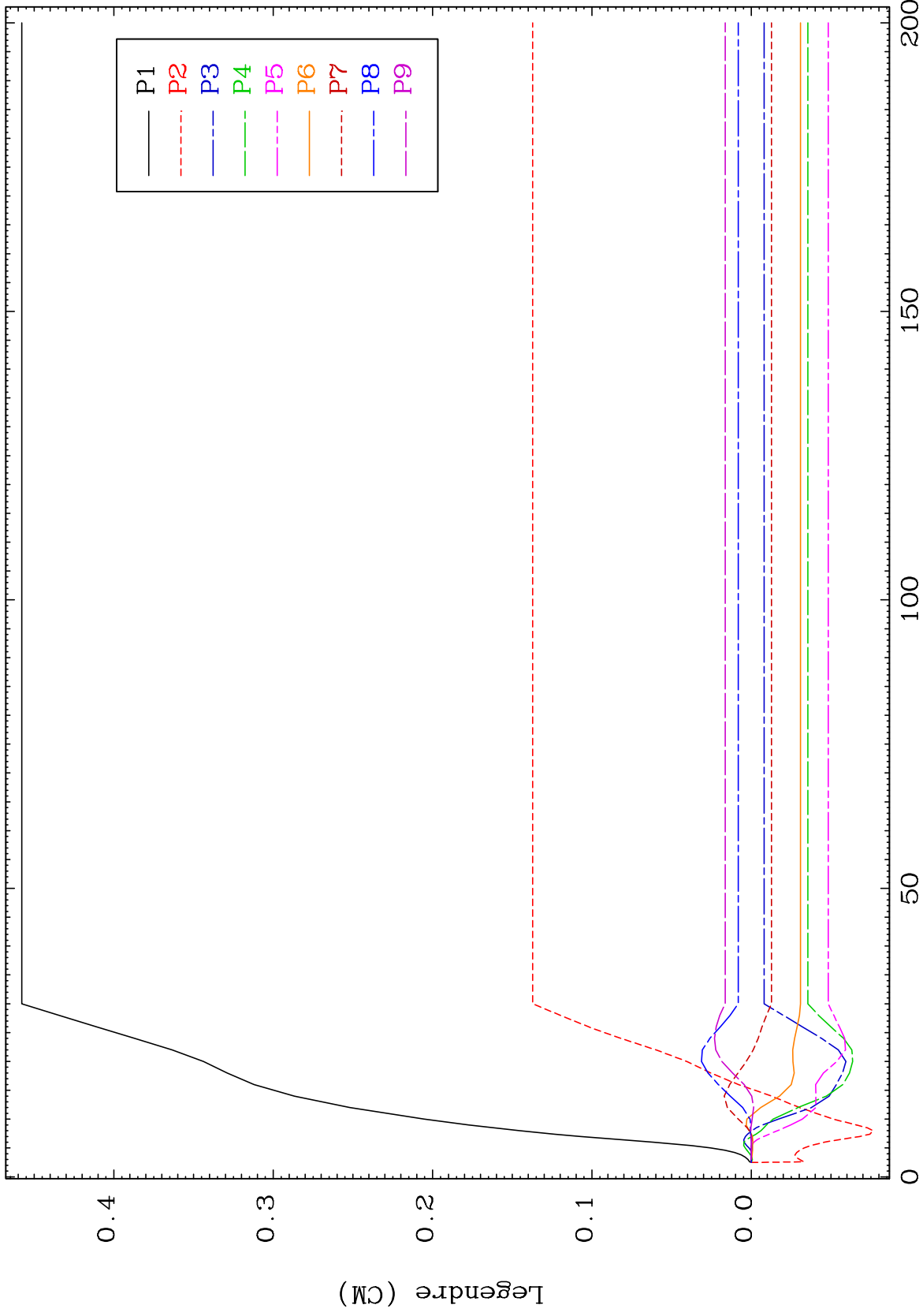
54-Xe-128



MAT 5437

2.470 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



123

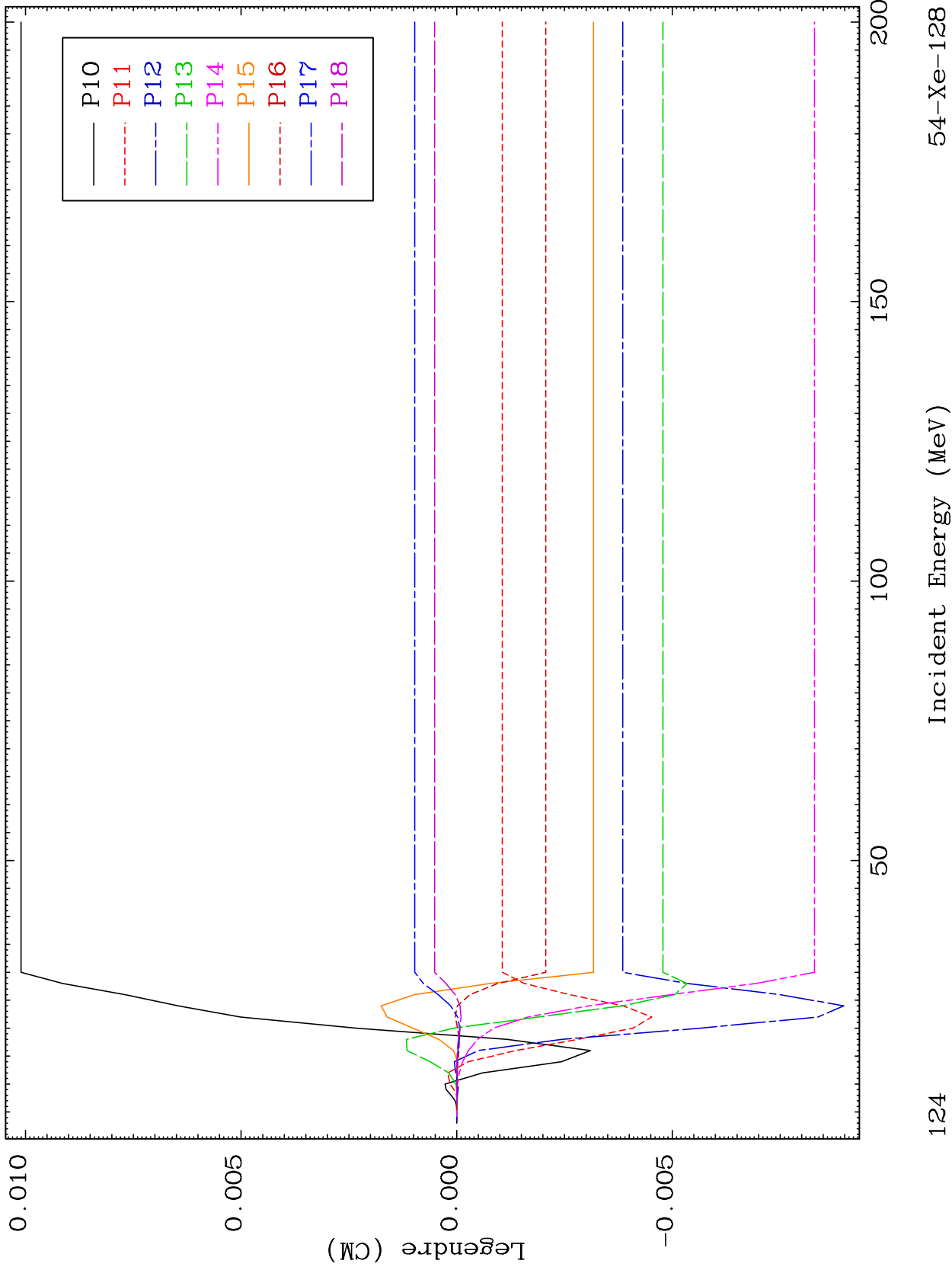
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.470 MeV (n,n') Level
Legendre Coefficients

54-Xe-128



124

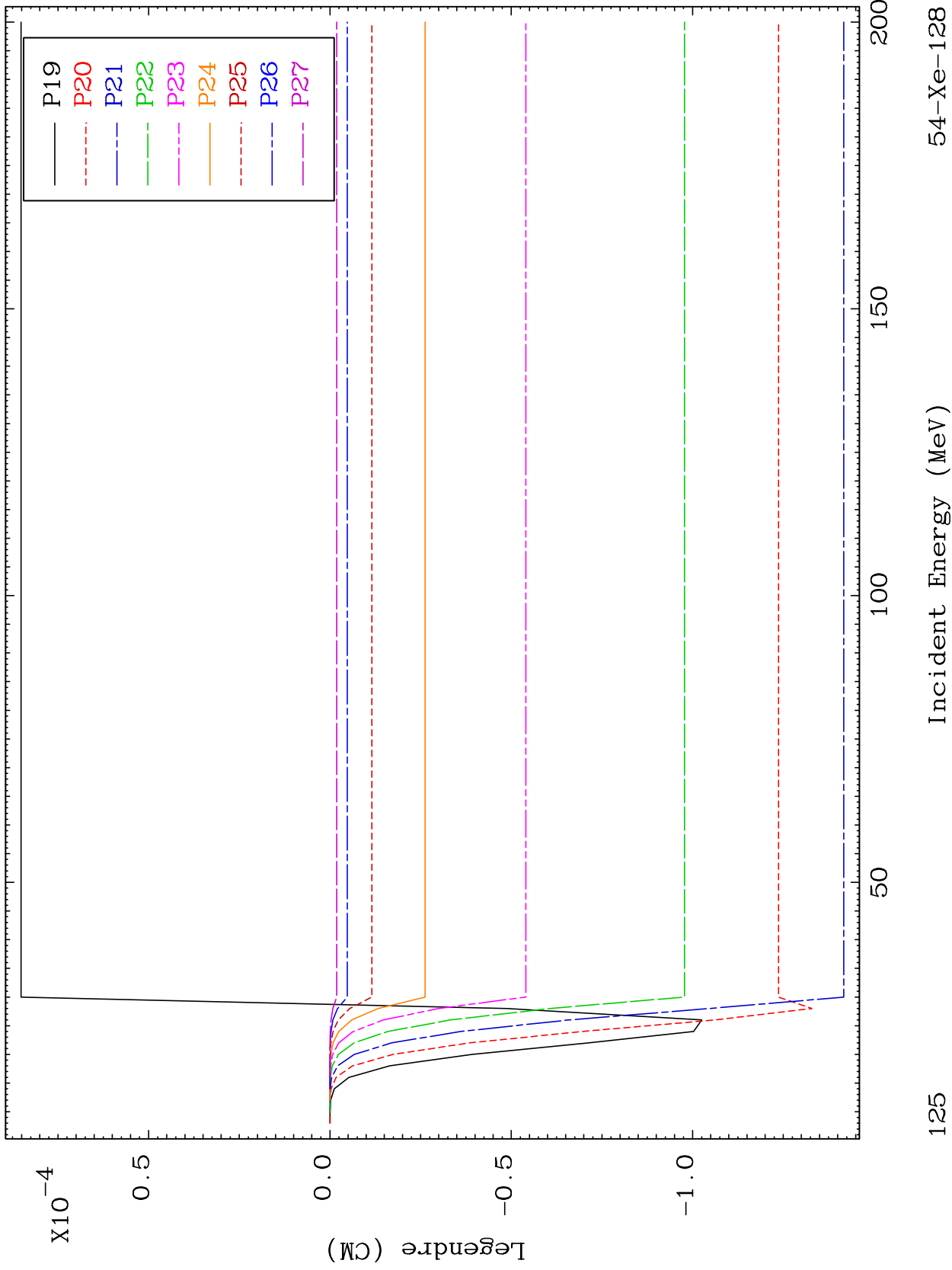
Incident Energy (MeV)

54-Xe-128

MAT 5437

2.470 MeV (n,n') Level
Legendre Coefficients

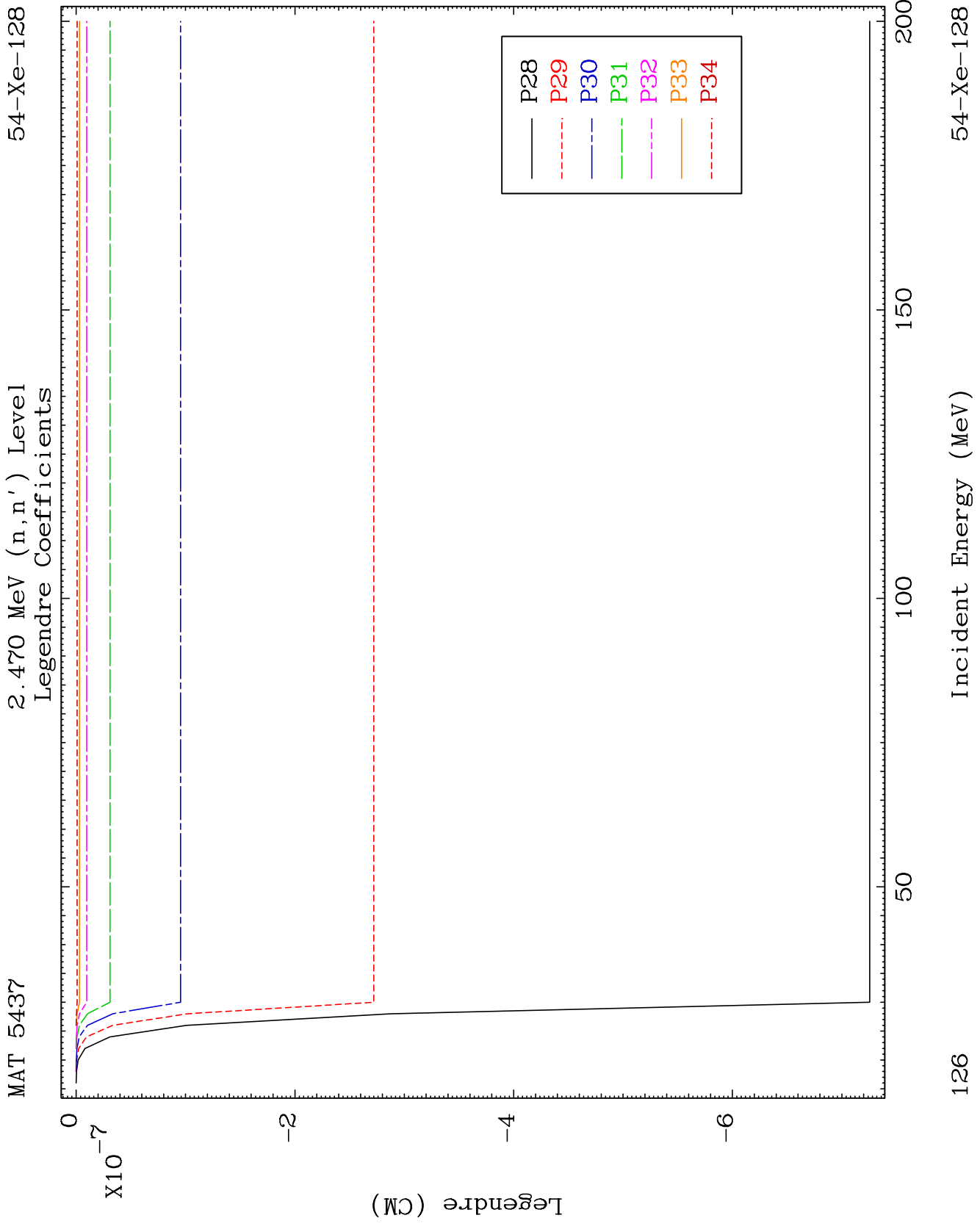
54-Xe-128



125

Incident Energy (MeV)

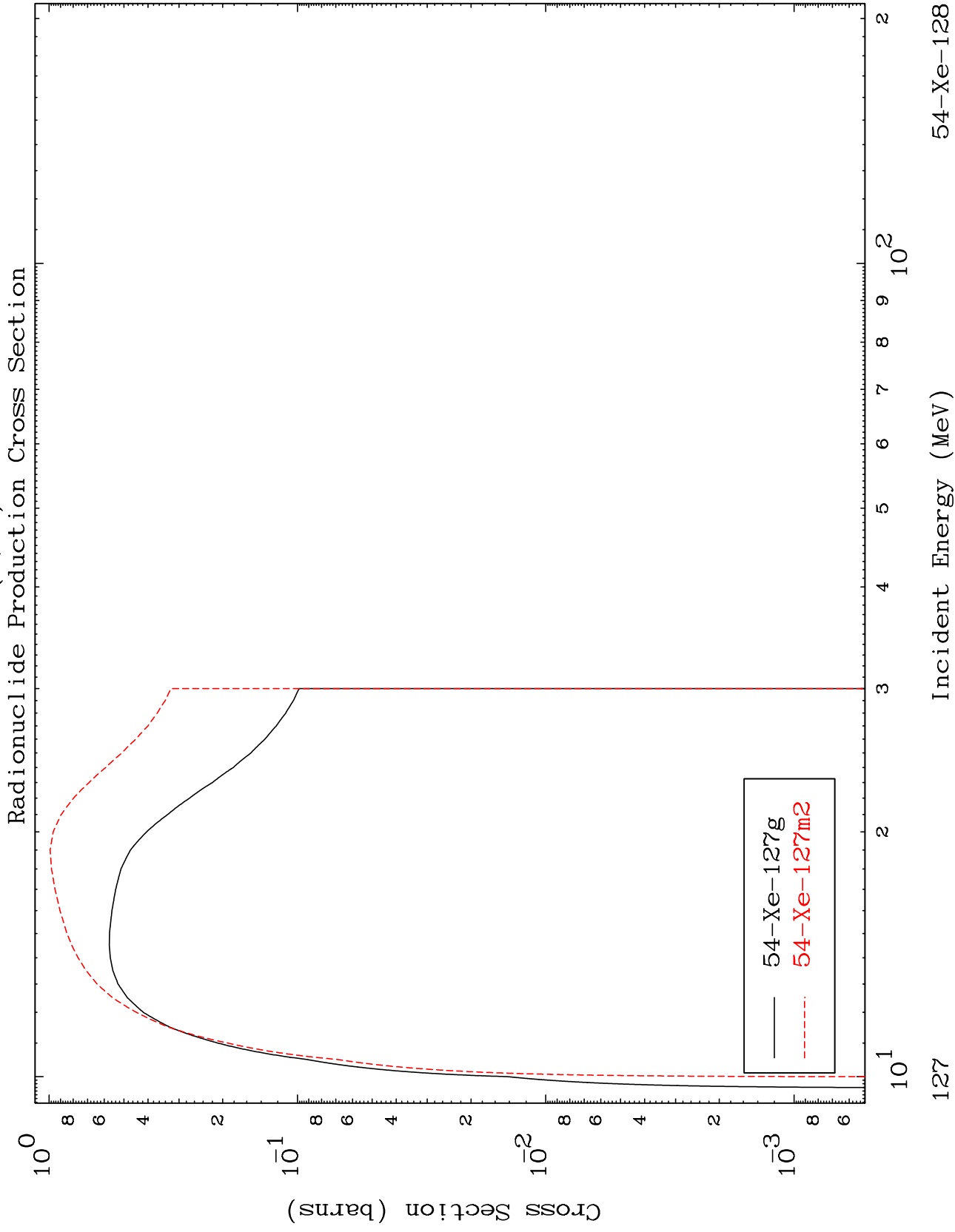
54-Xe-128



MAT 5437

(n,2n)

54-Xe-128

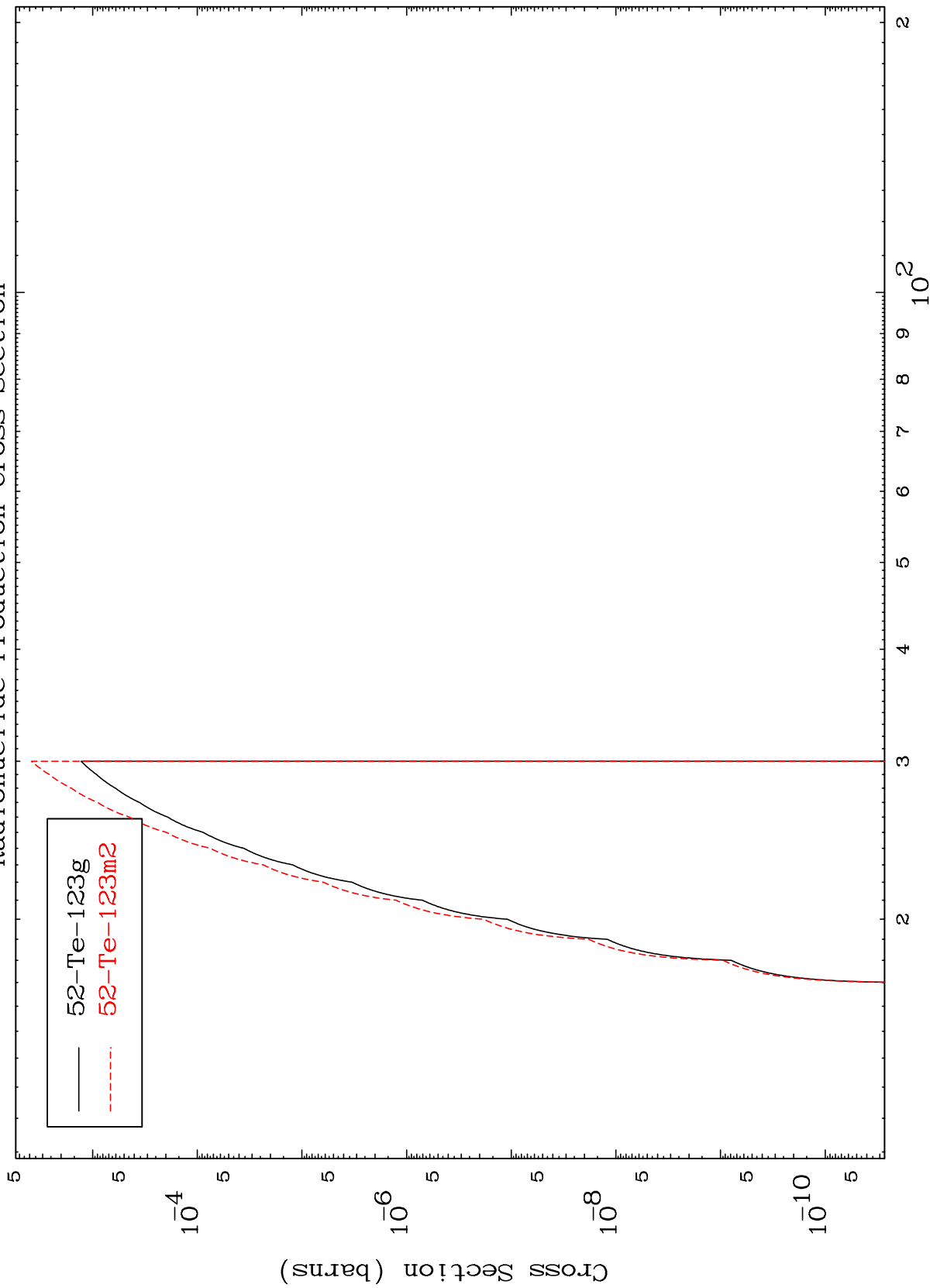


MAT 5437

(n,2n) α

54-Xe-128

Radionuclide Production Cross Section

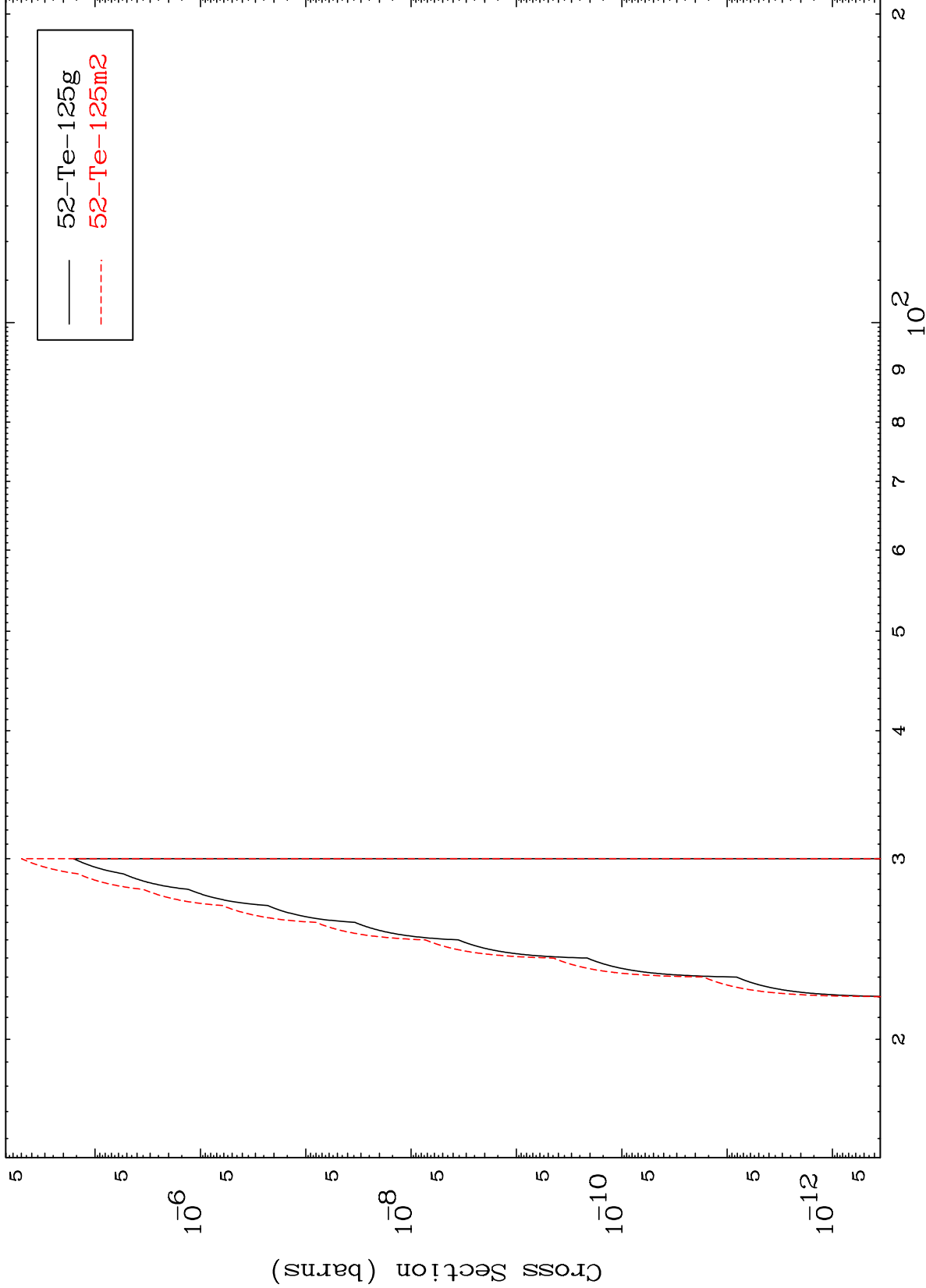


128

Incident Energy (MeV)

54-Xe-128

Radionuclide Production Cross Section

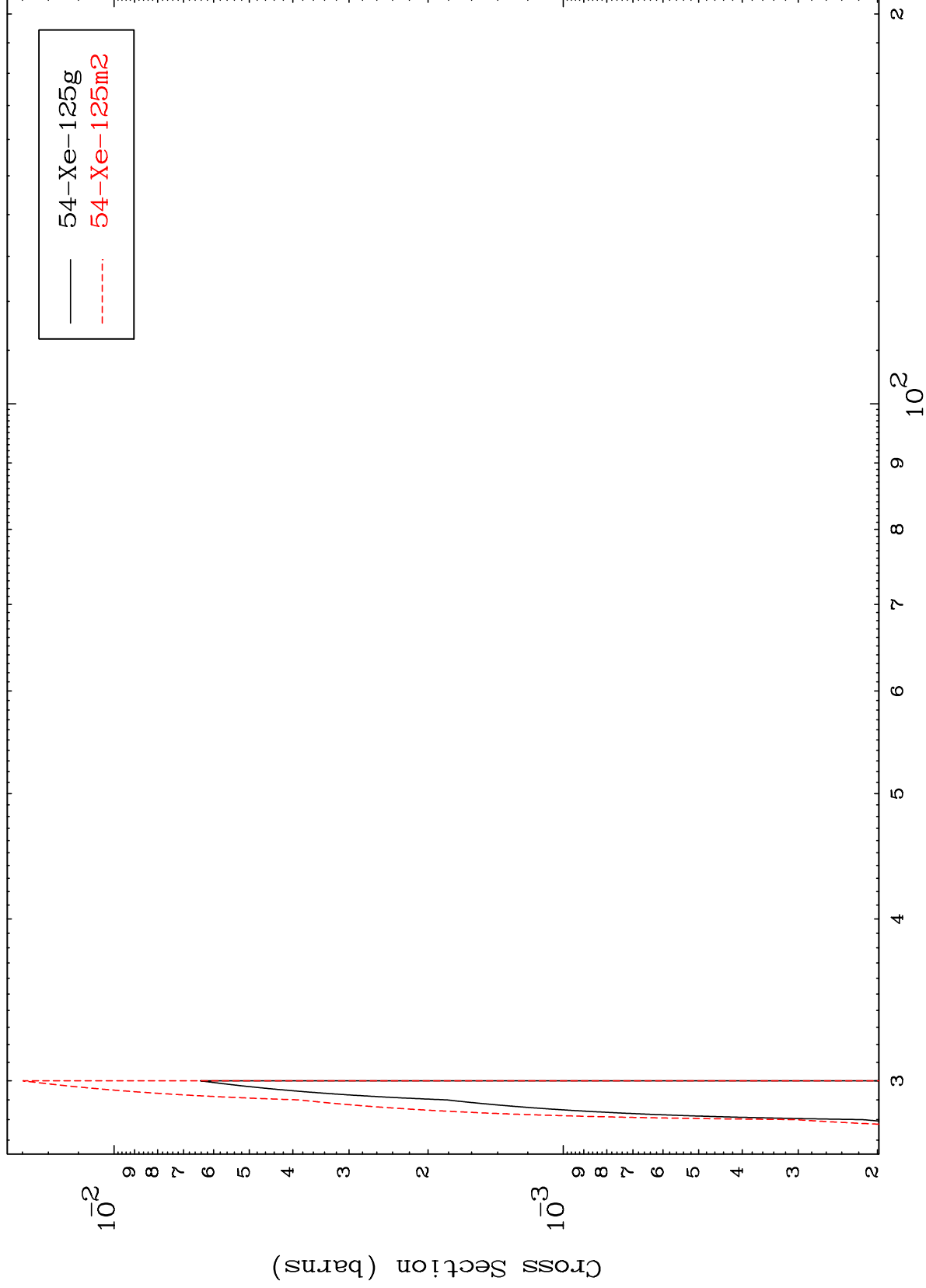


MAT 5437

(n,4n)

54-Xe-128

Radionuclide Production Cross Section



130

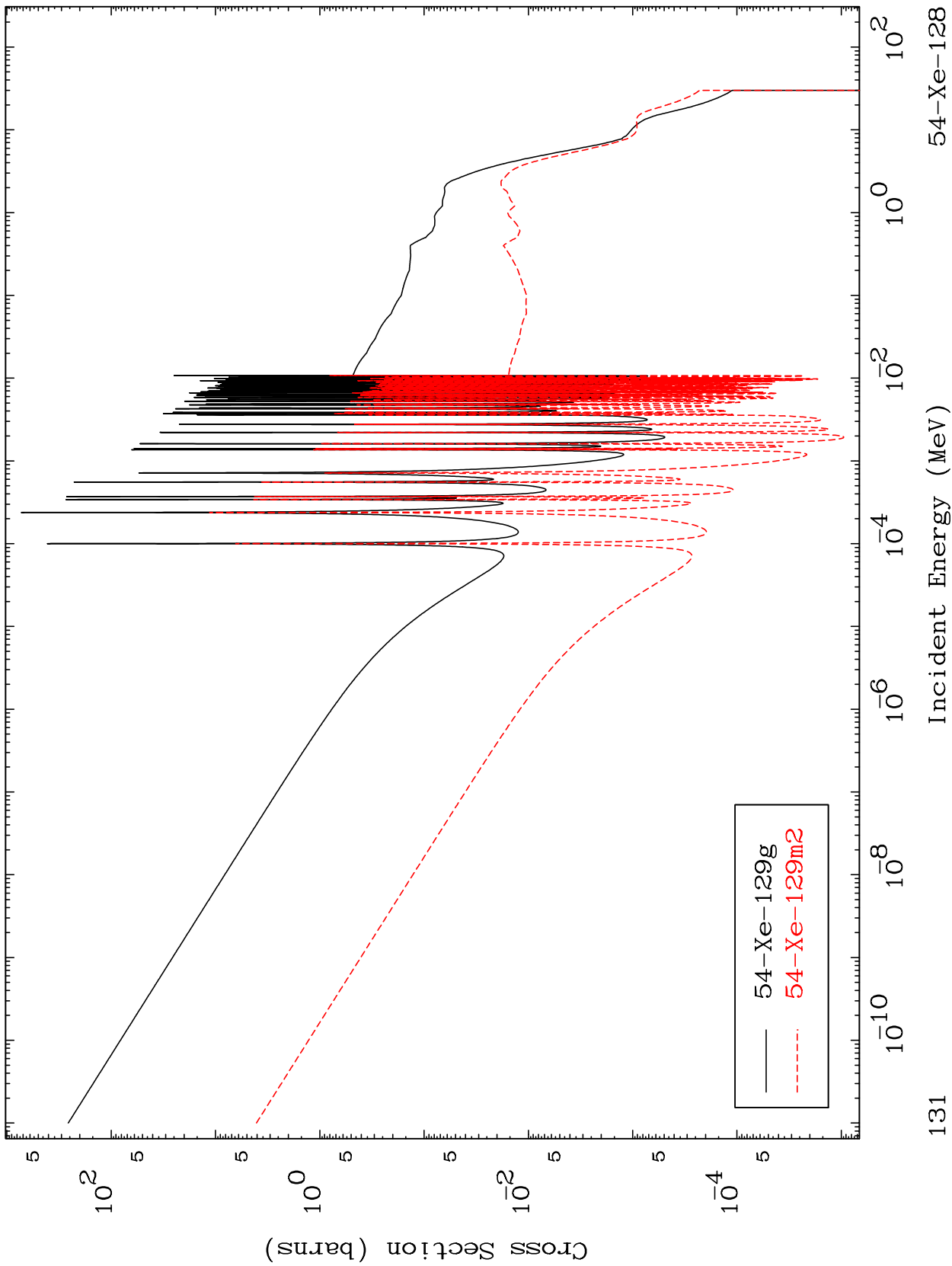
Incident Energy (MeV)

54-Xe-128

MAT 5437

54-Xe-128

(n, γ)
Radionuclide Production Cross Section



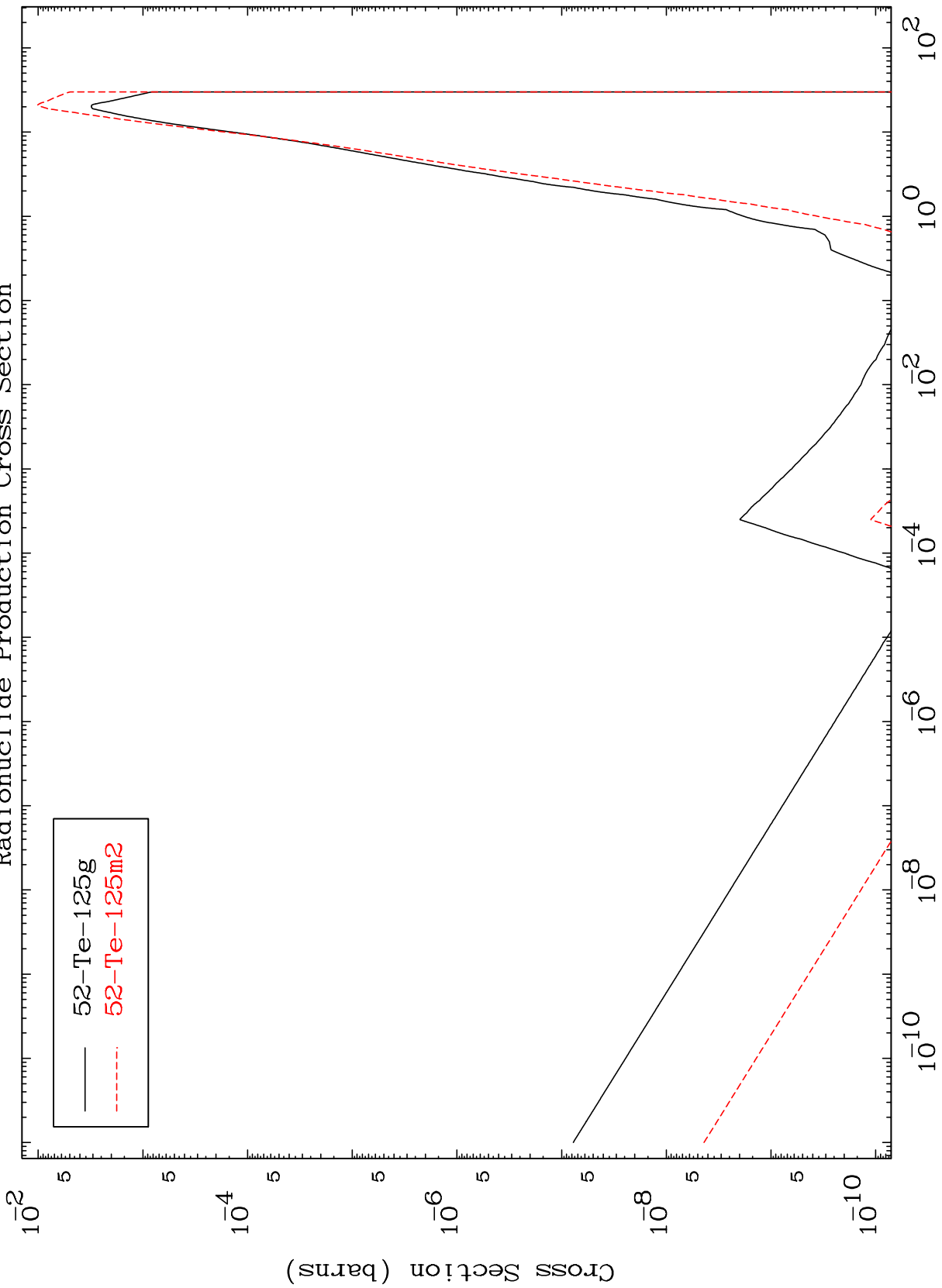
131

MAT 5437

(n, α)

54-Xe-128

Radionuclide Production Cross Section



132

Incident Energy (MeV)

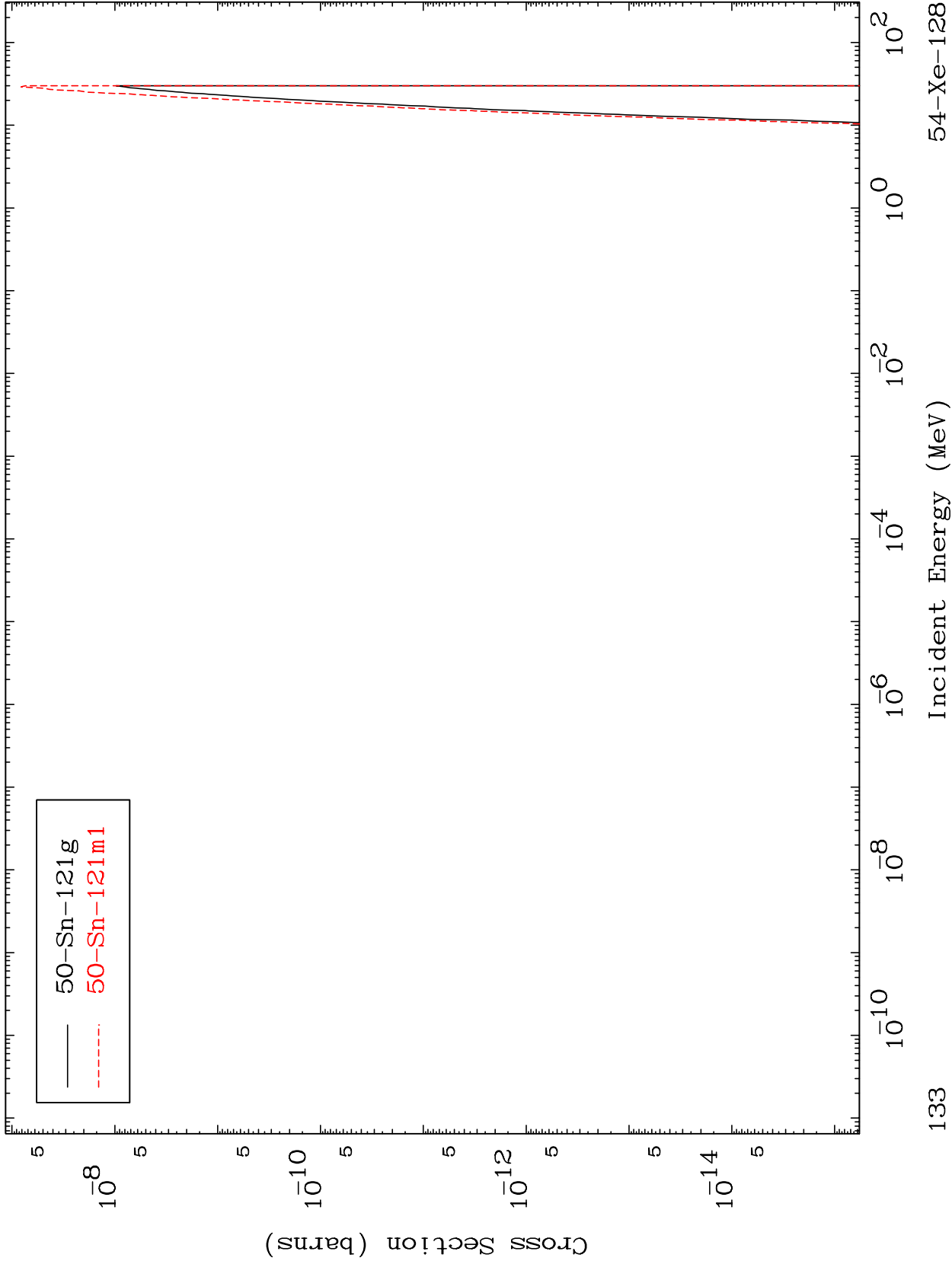
54-Xe-128

MAT 5437

(n,2α)

54-Xe-128

Radionuclide Production Cross Section

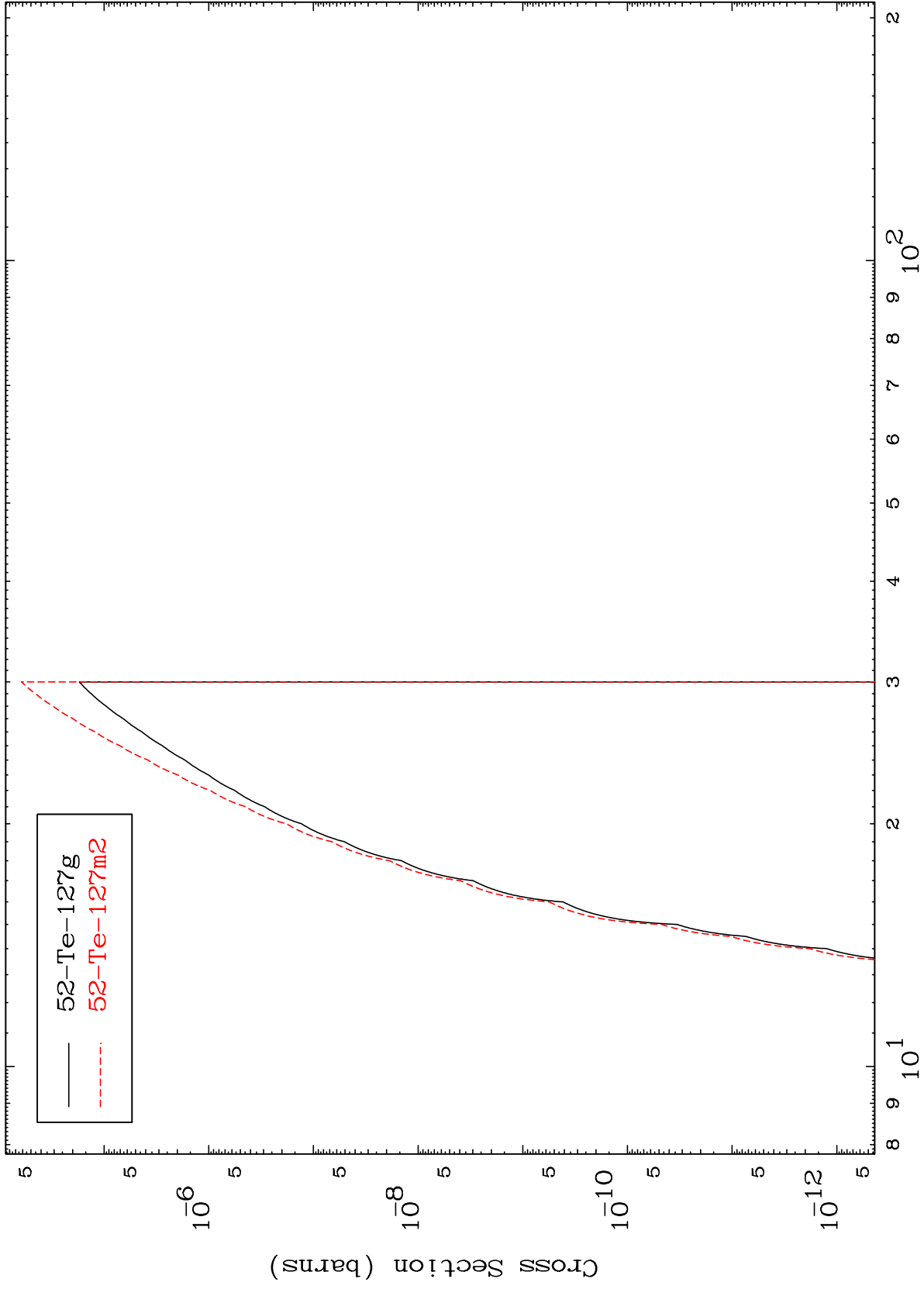


50-Sn-121g
50-Sn-121m1

MAT 5437

54-Xe-128

(n,2p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

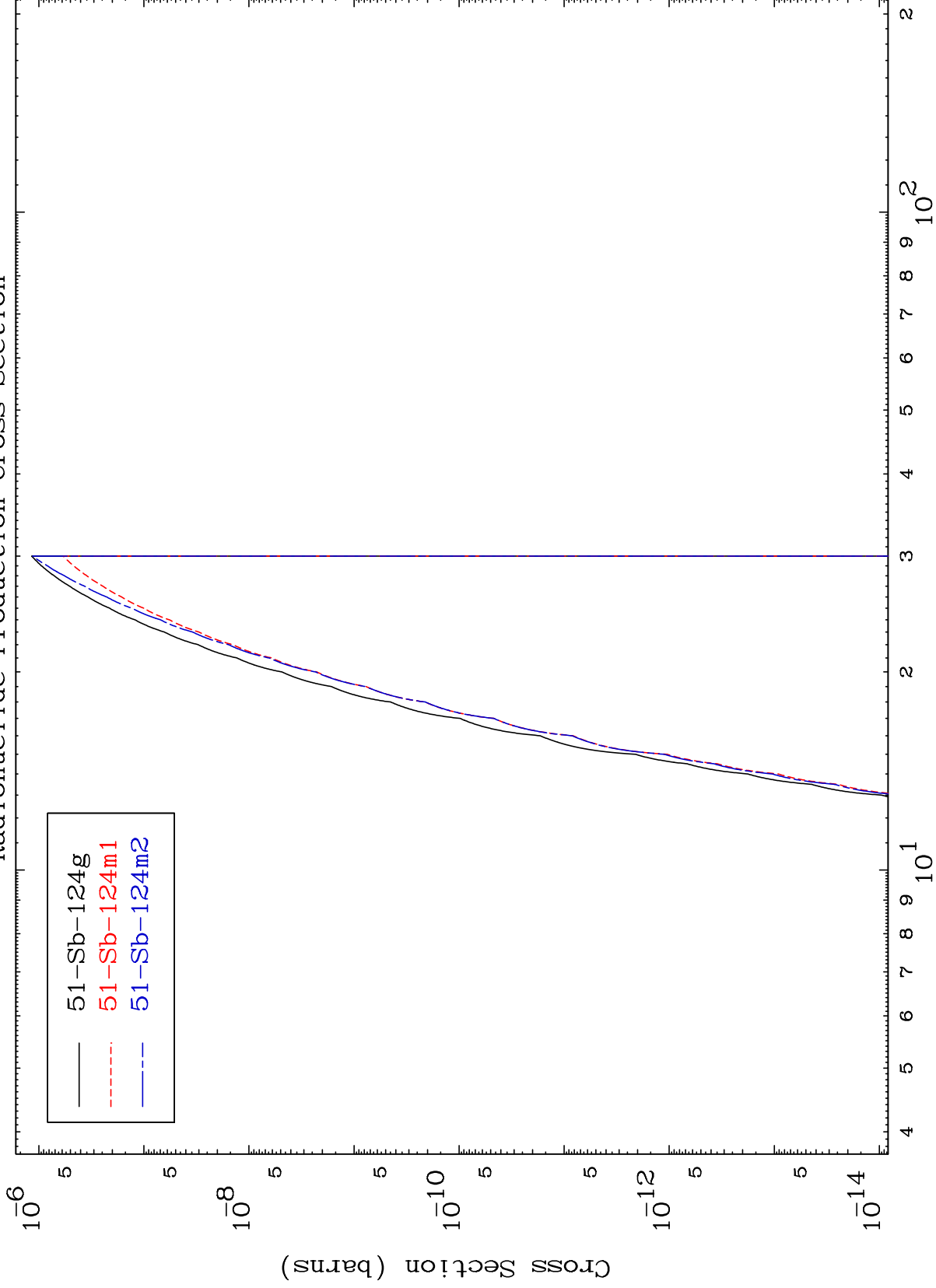
54-Xe-128

MAT 5437

(n,p) α

54-Xe-128

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-128

