

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

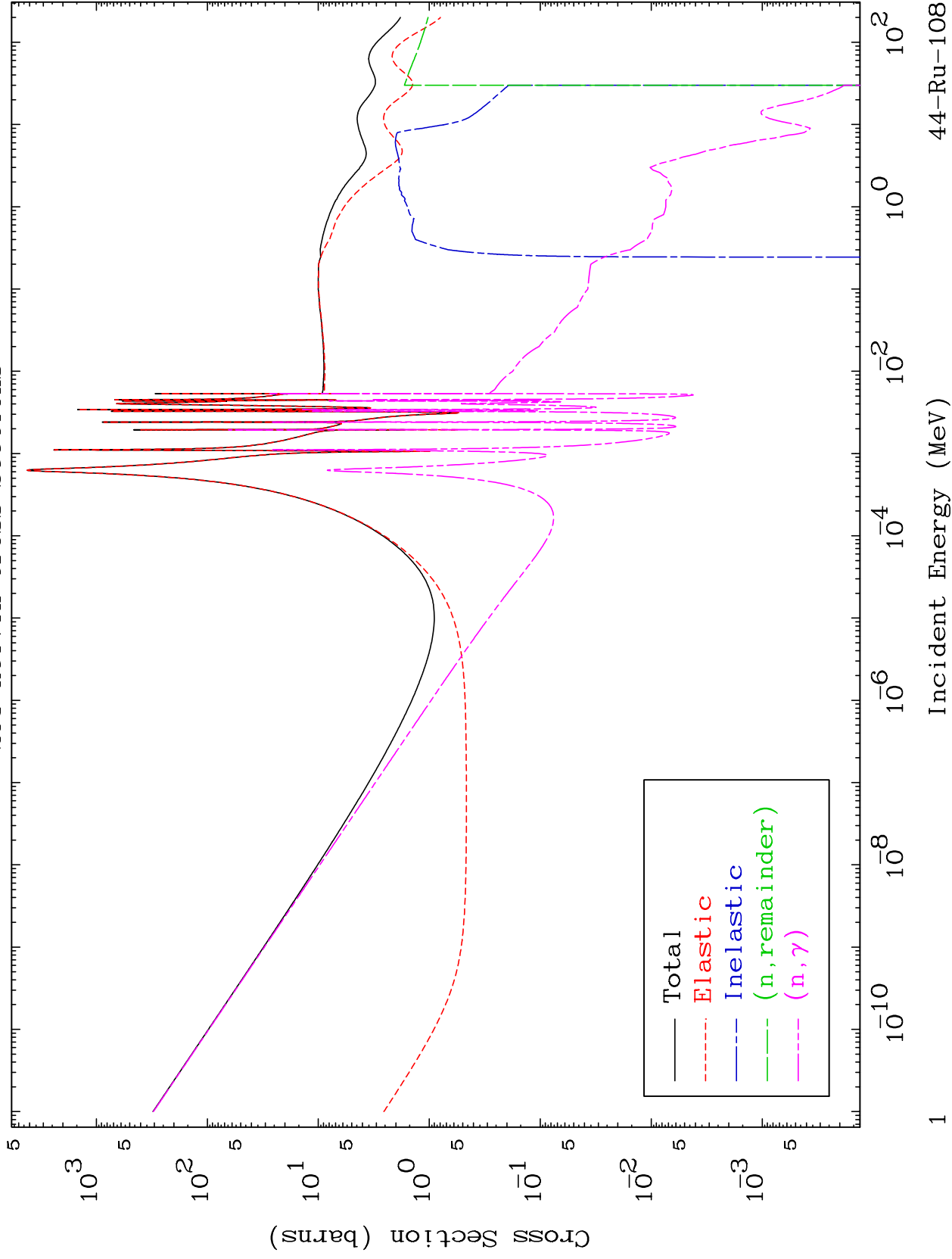
Press Mouse Button to Start

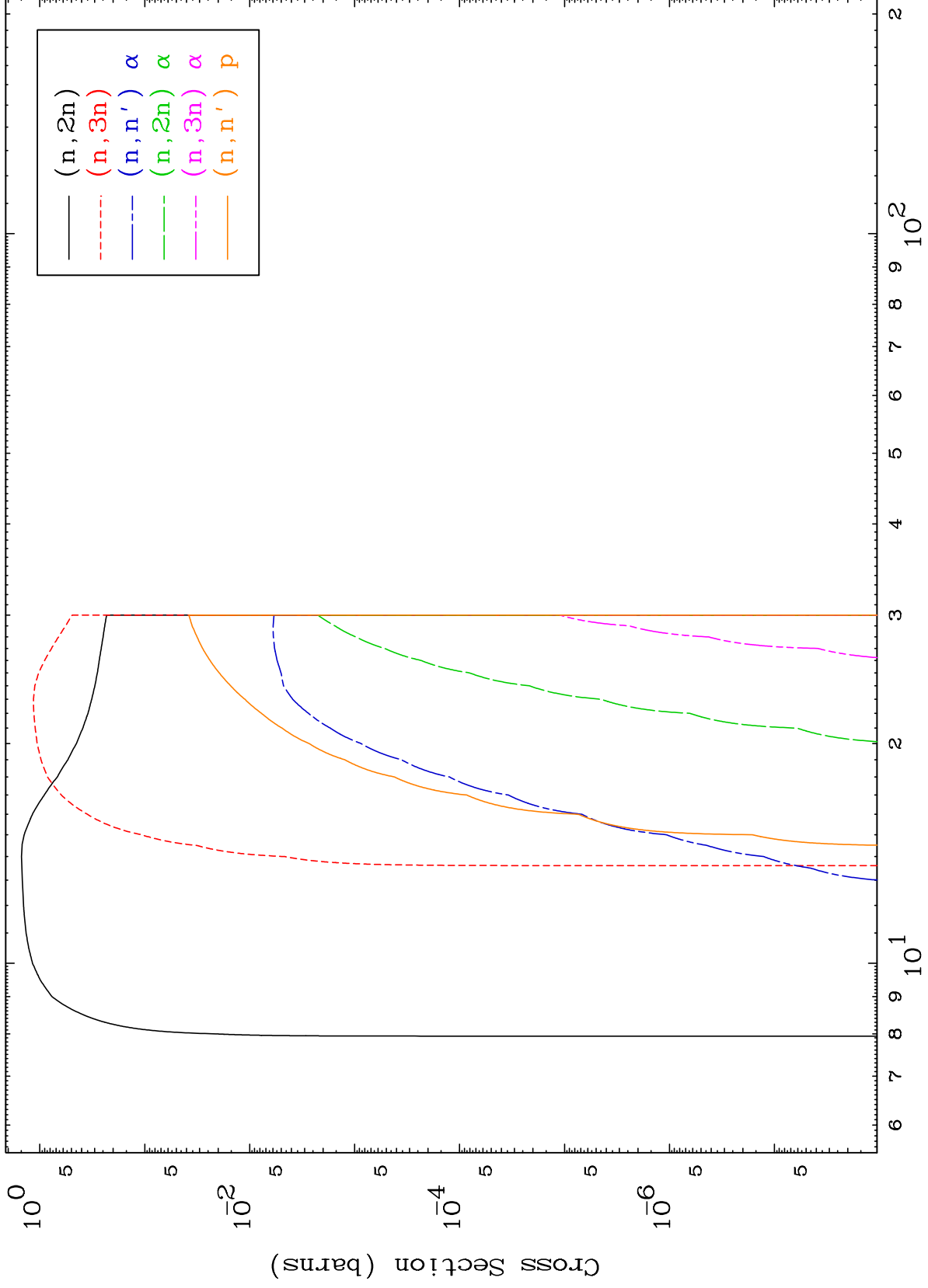
MAT 4461

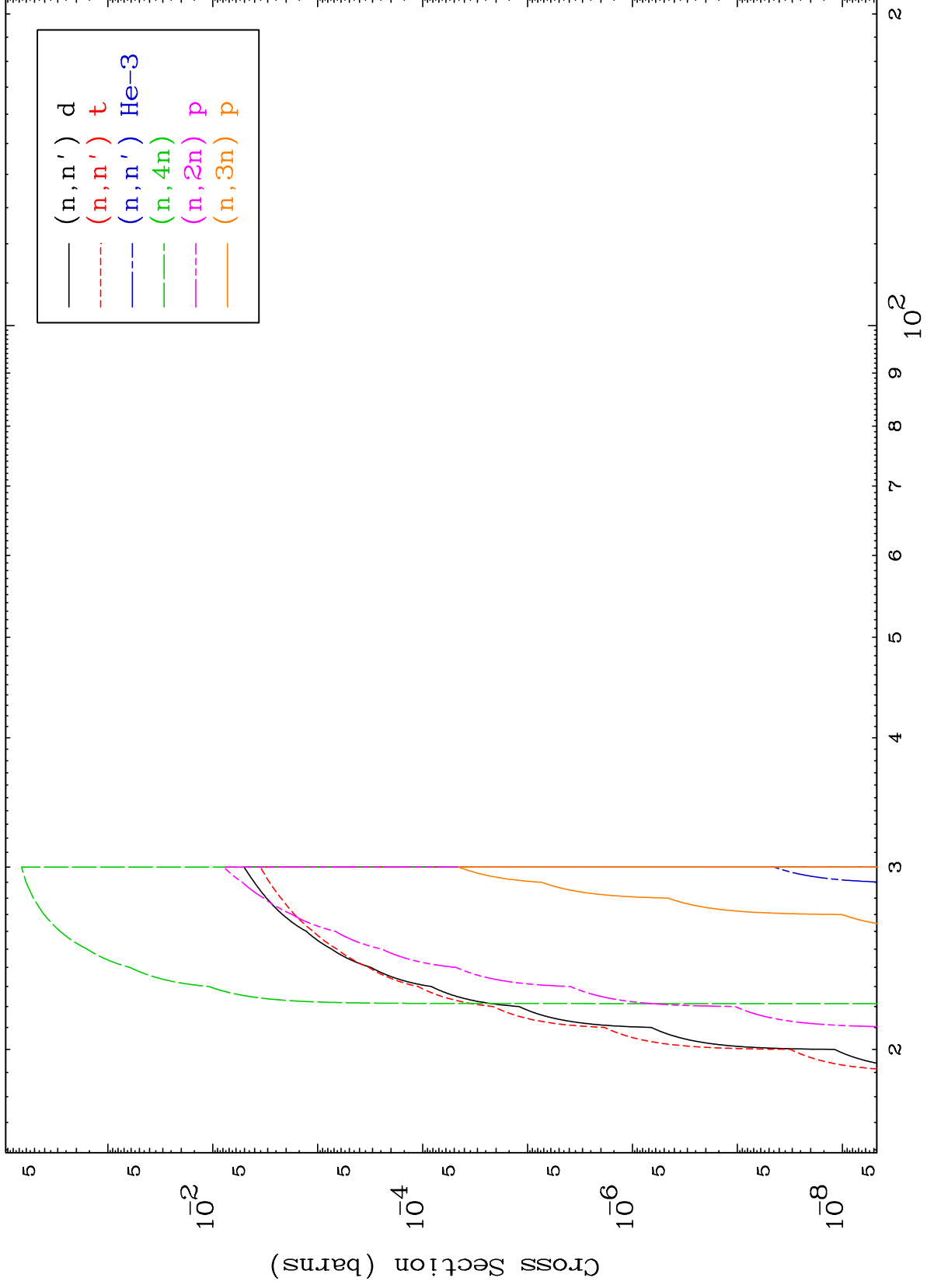
Major

293 Kelvin Cross Sections

44-Ru-108



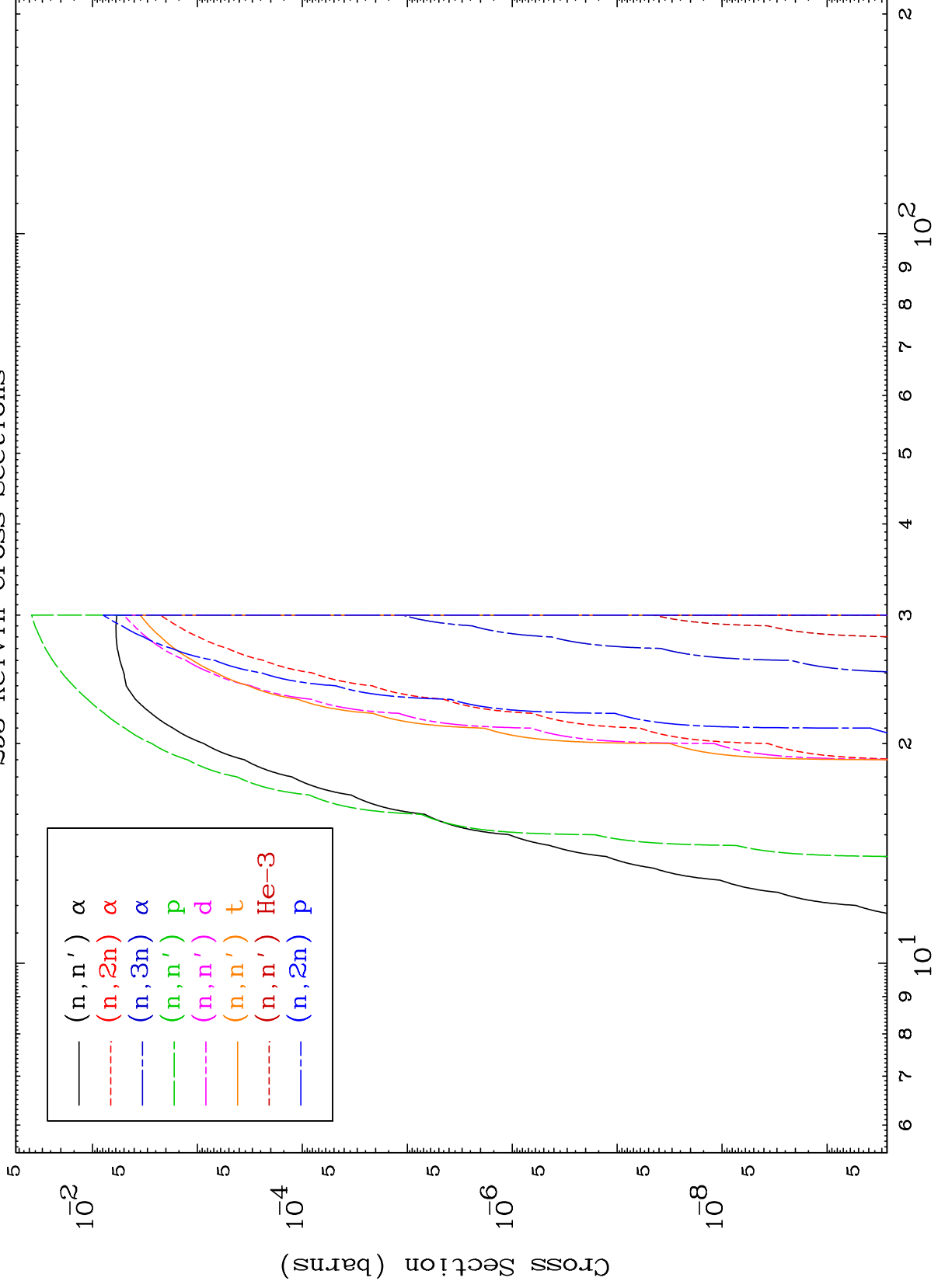




MAT 4461

Charged Particle
293 Kelvin Cross Sections

44-Ru-108



4

Incident Energy (MeV)

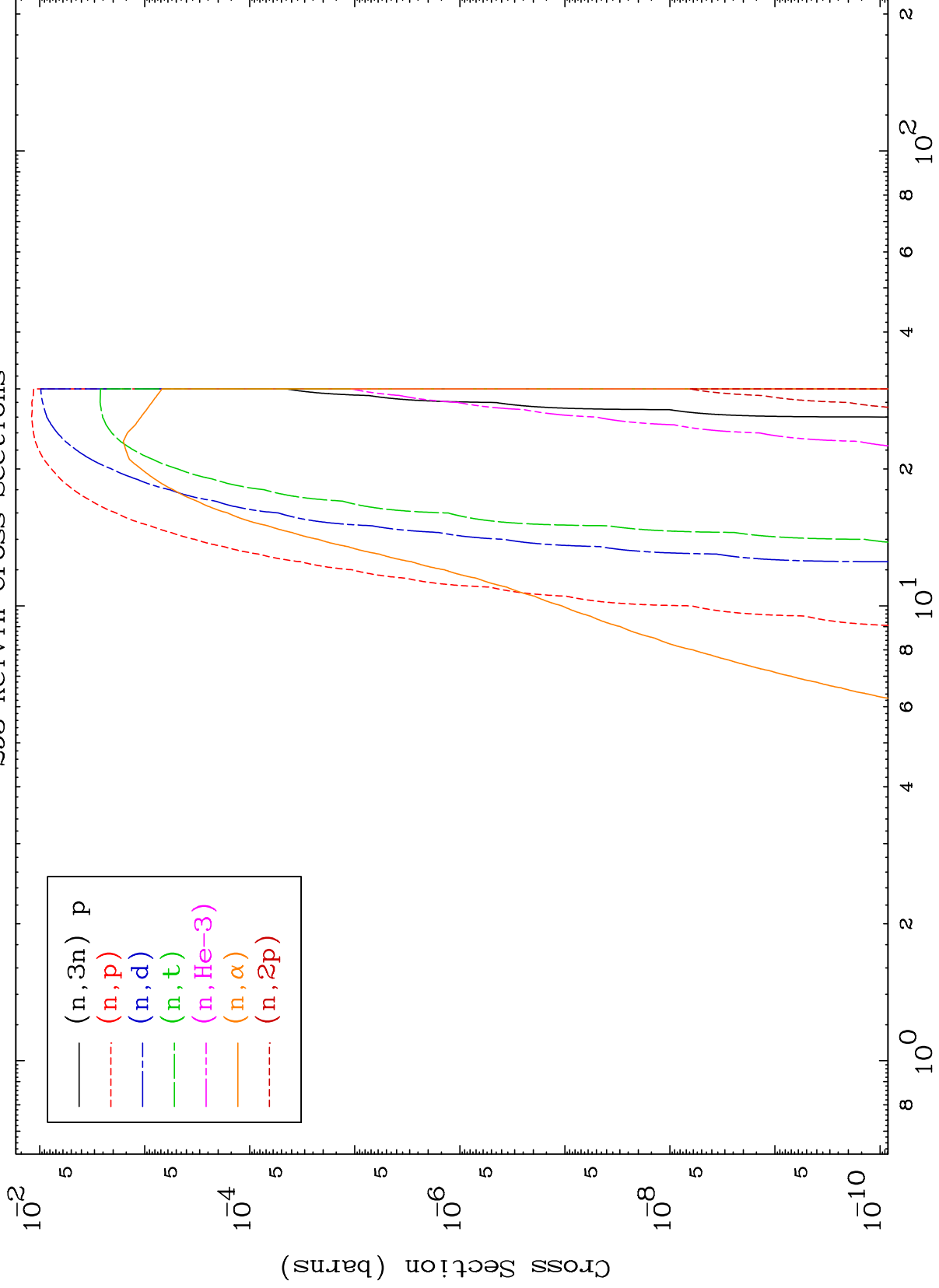
44-Ru-108

MAT 4461

Charged Particle

44-Ru-108

293 Kelvin Cross Sections



5

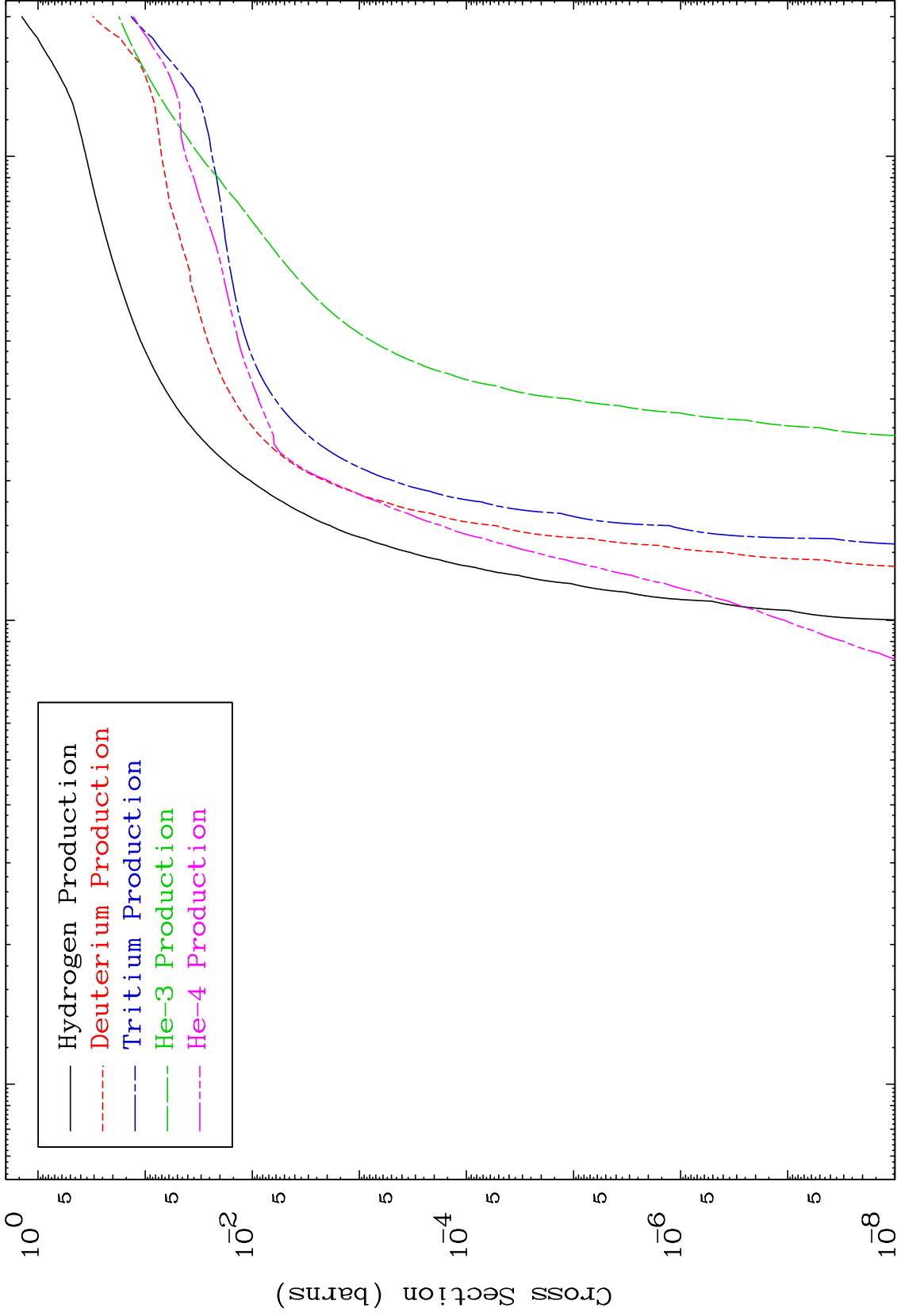
Incident Energy (MeV)

44-Ru-108

MAT 4461

Particle Production
293 Kelvin Cross Sections

44-Ru-108



6

Incident Energy (MeV)

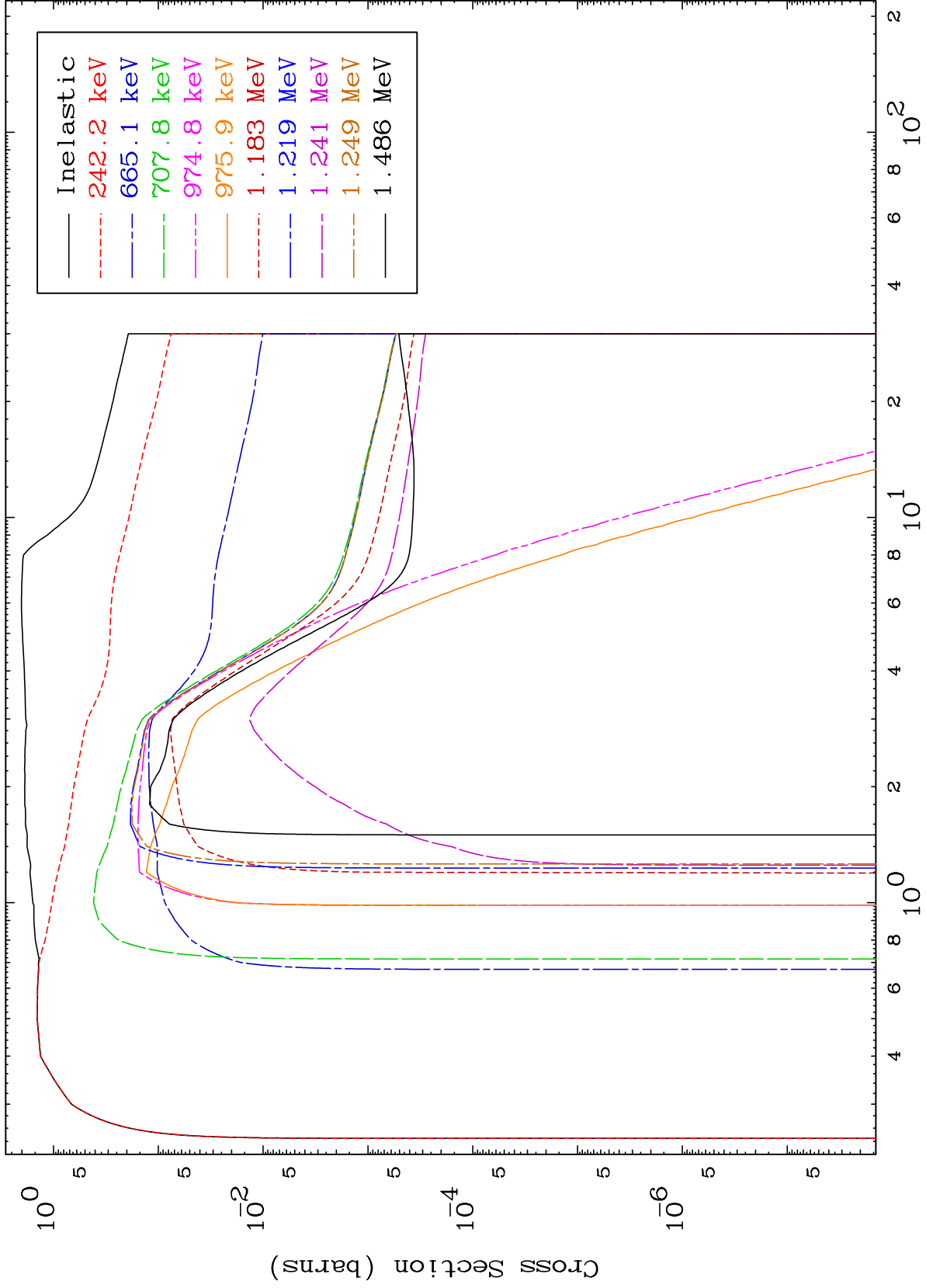
44-Ru-108

MAT 4461

(n,n') Level

44-Ru-108

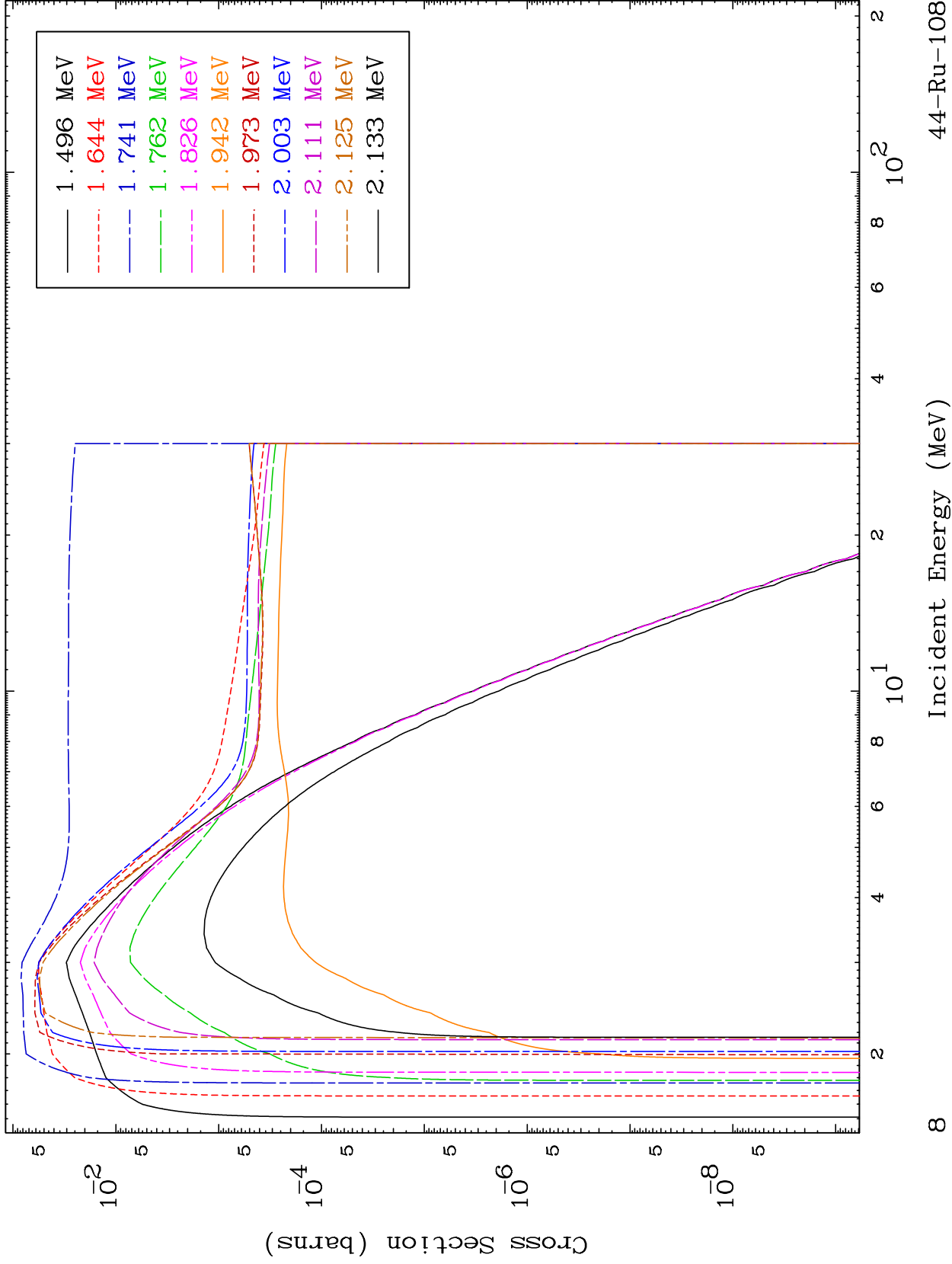
293 Kelvin Cross Sections



MAT 4461

(n,n') Level
293 Kelvin Cross Sections

44-Ru-108

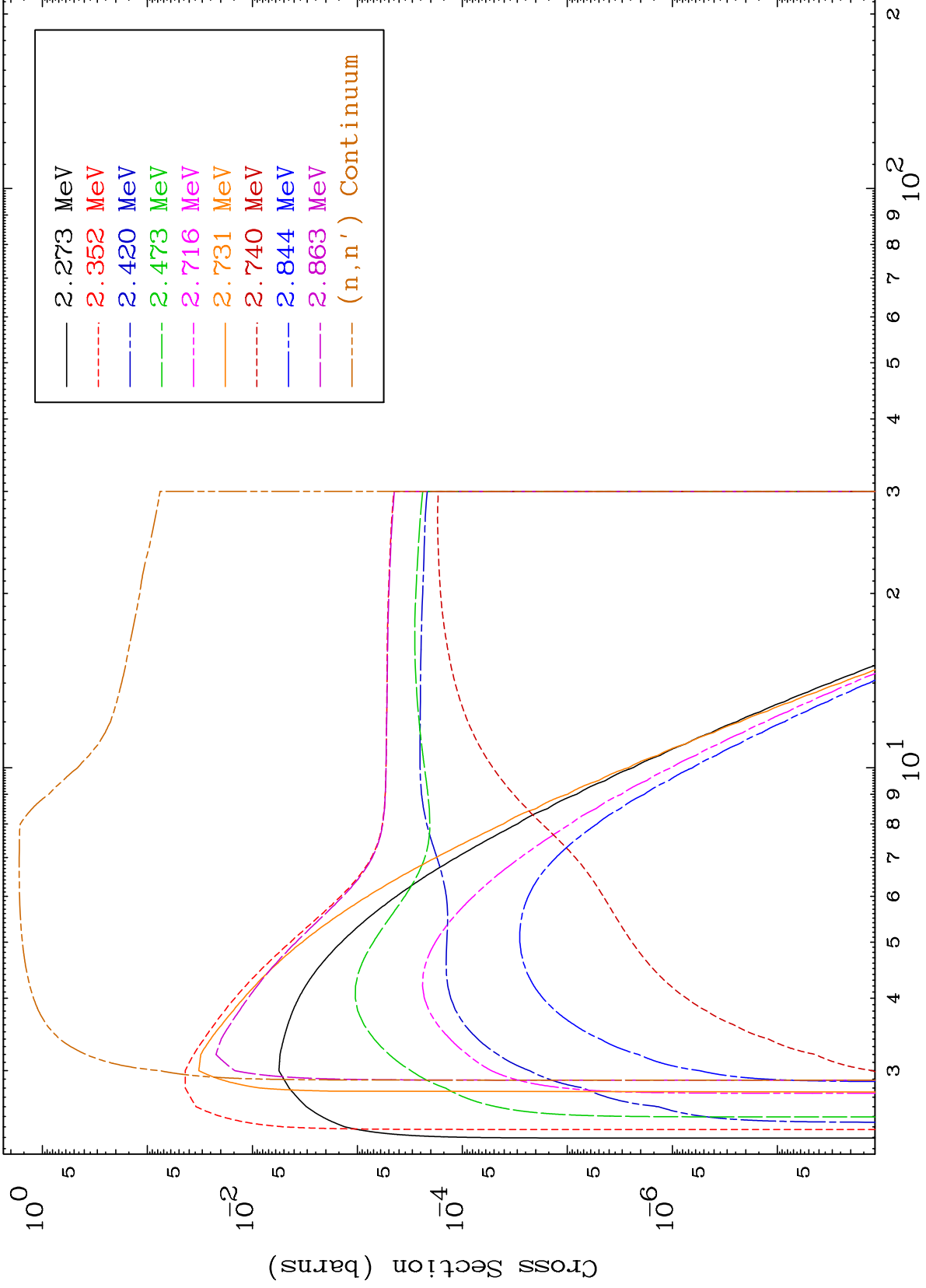


8

Incident Energy (MeV)

44-Ru-108

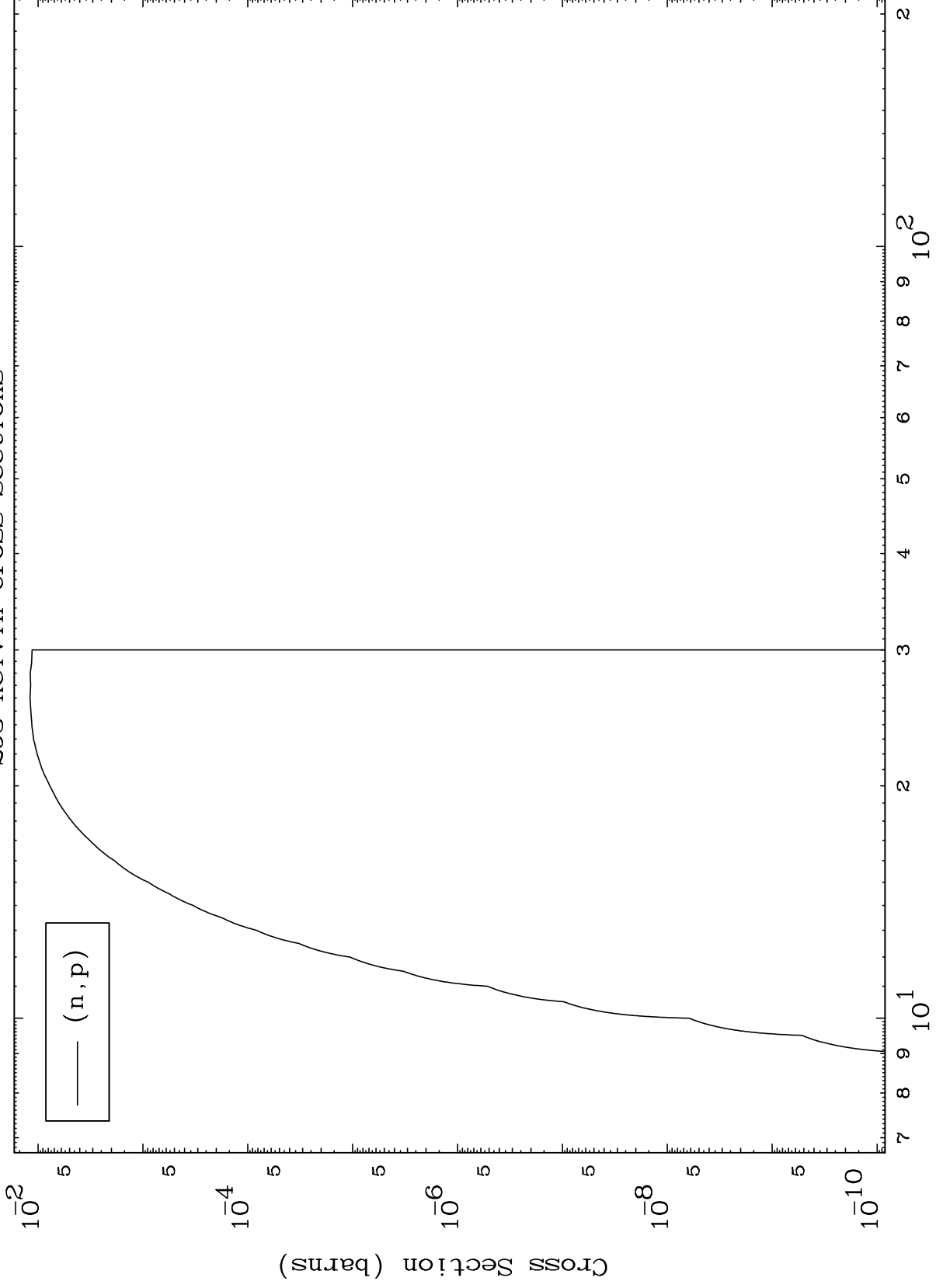
293 Kelvin Cross Sections



MAT 4461

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-108



10

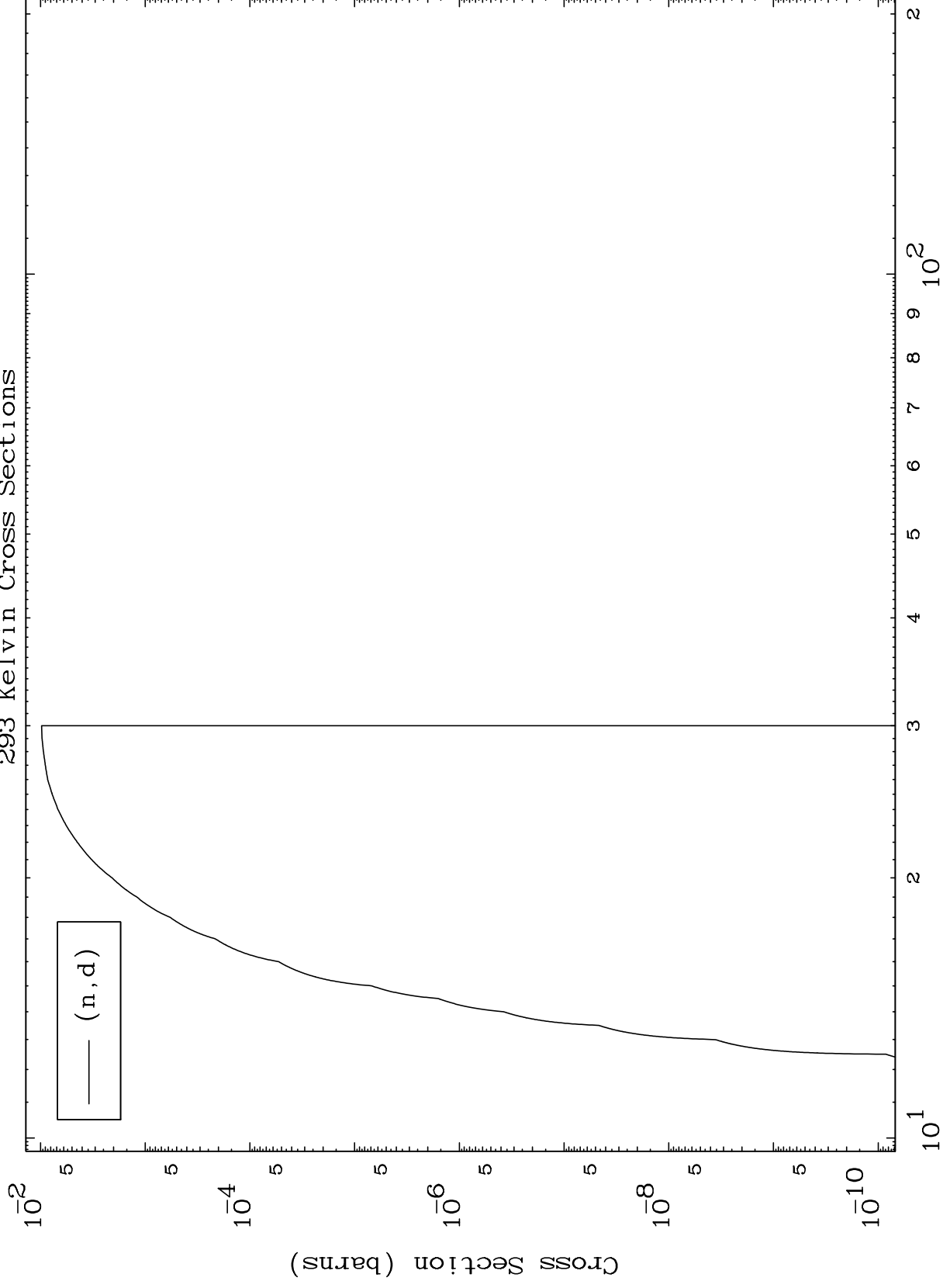
Incident Energy (MeV)

44-Ru-108

MAT 4461

(n,d) Levels
293 Kelvin Cross Sections

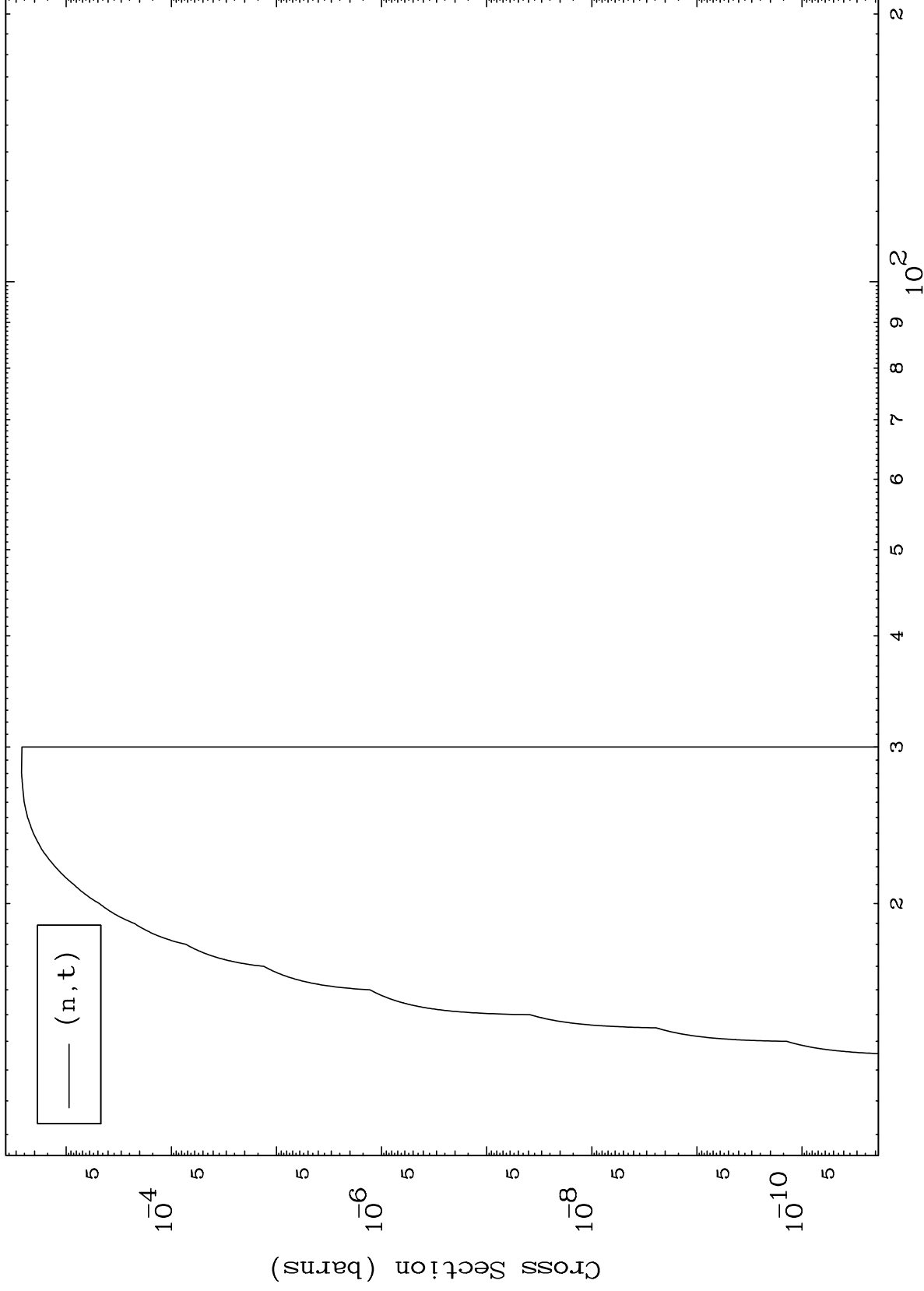
44-Ru-108



MAT 4461

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-108



12

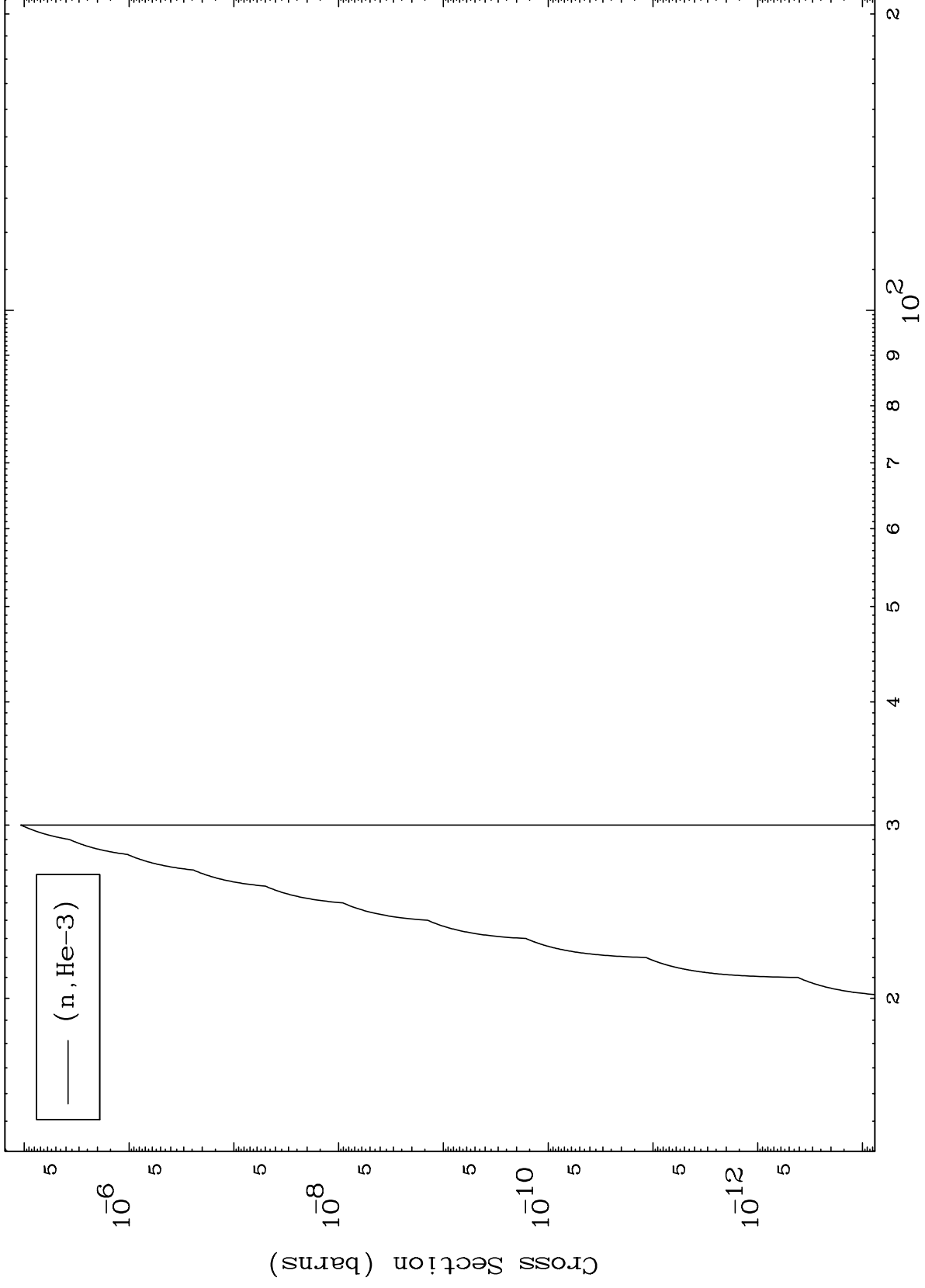
Incident Energy (MeV)

44-Ru-108

MAT 4461

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-108



13

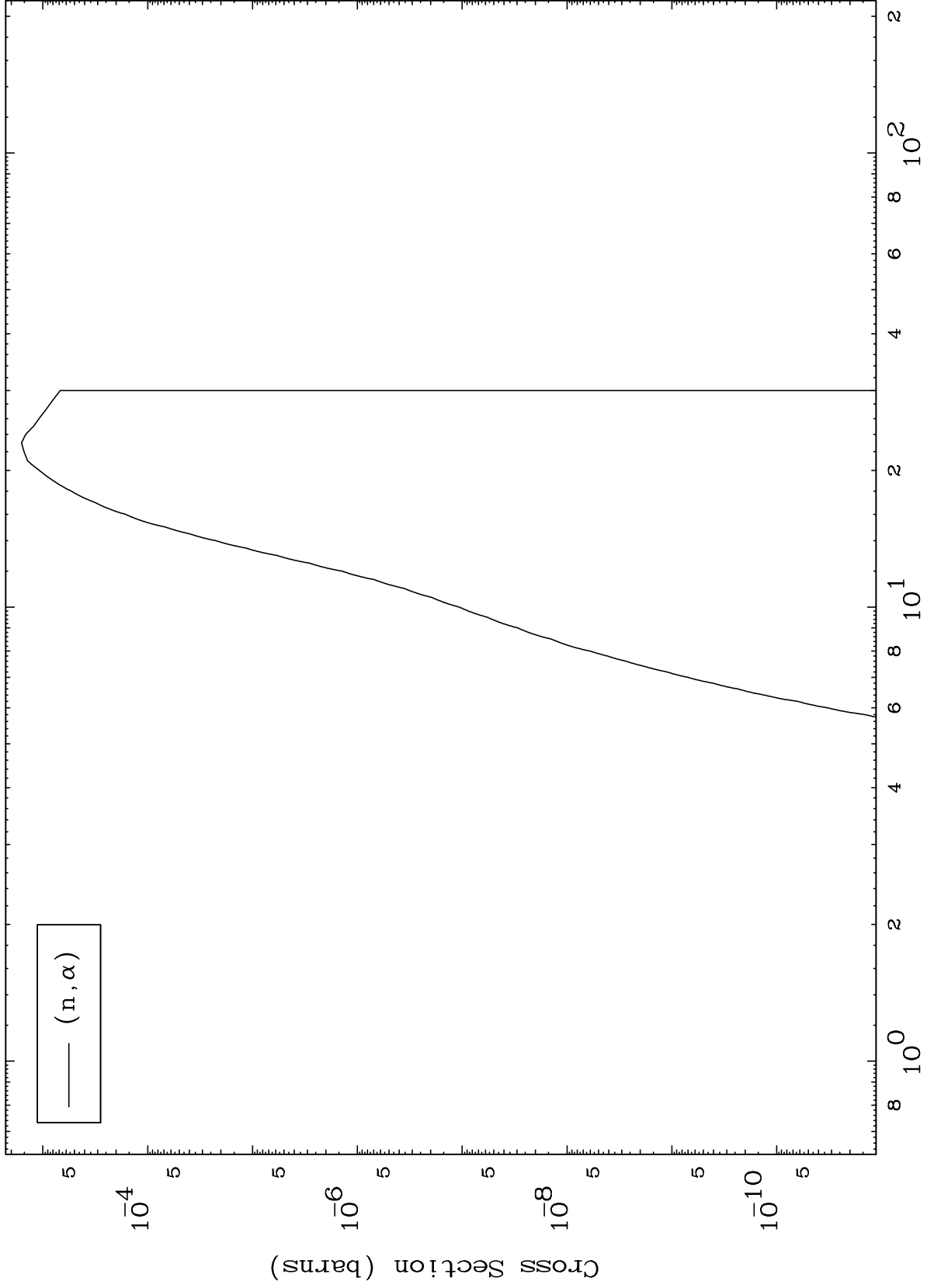
Incident Energy (MeV)

44-Ru-108

MAT 4461

(n, α) Levels
293 Kelvin Cross Sections

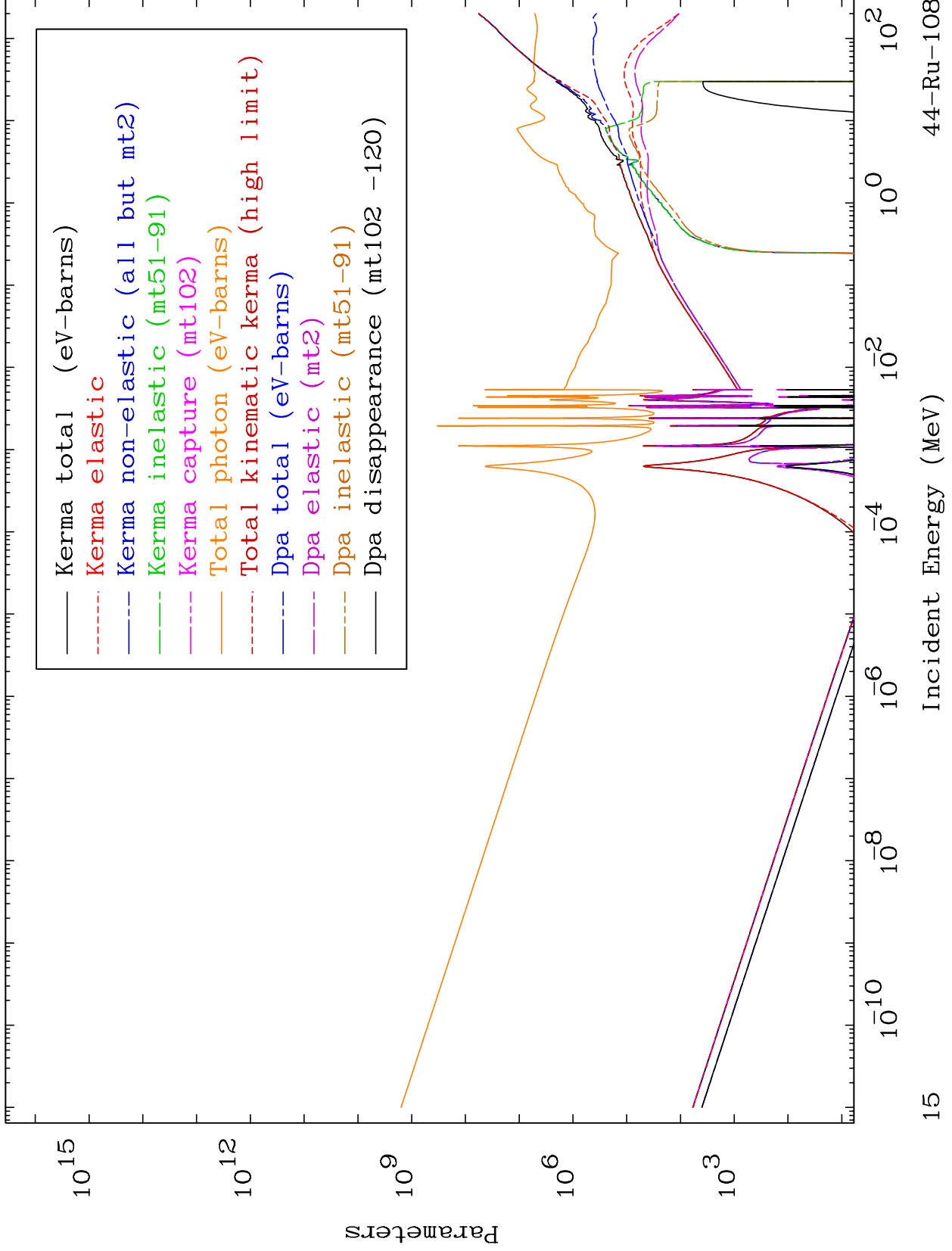
44-Ru-108



14

Incident Energy (MeV)

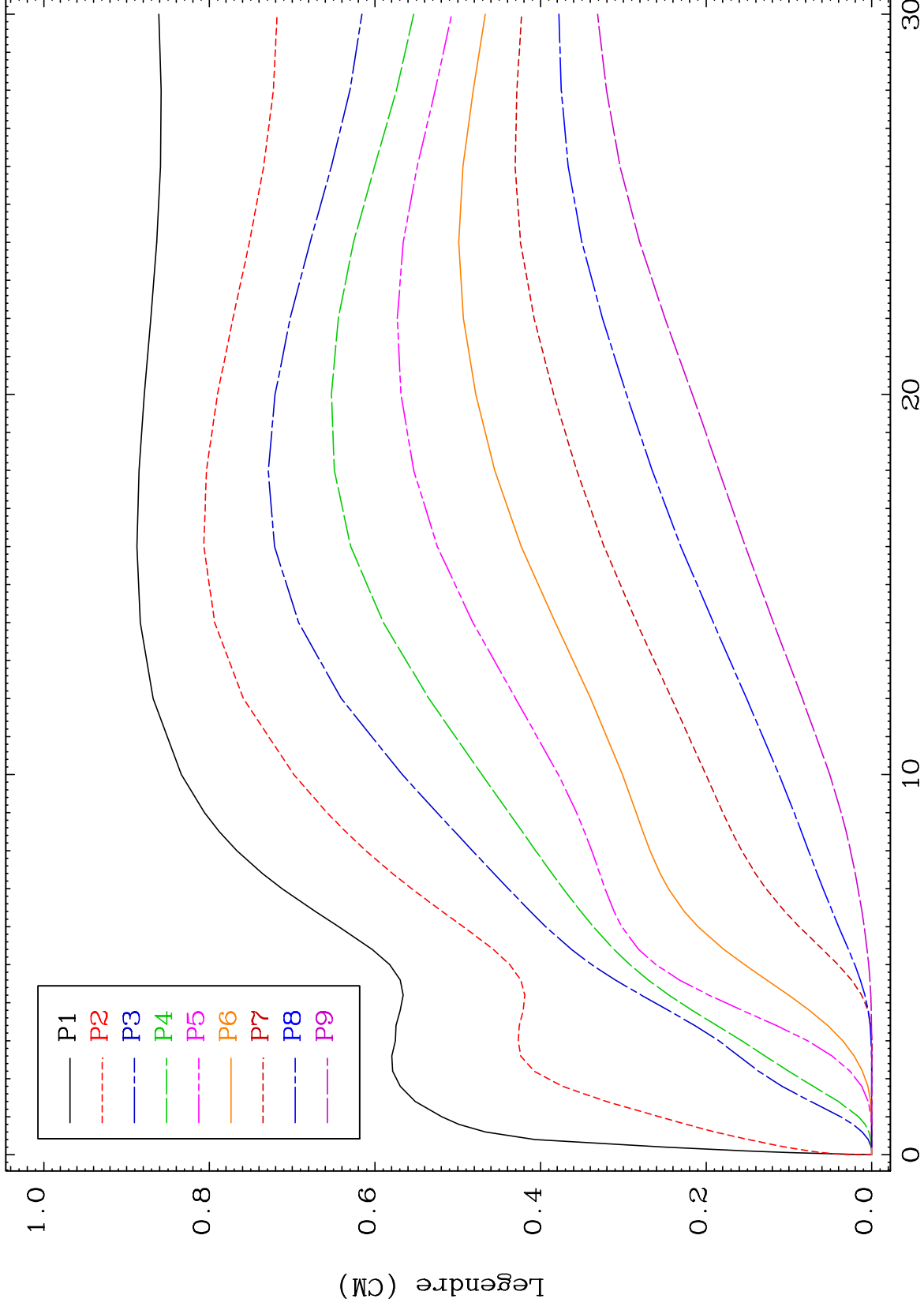
44-Ru-108



MAT 4461

Elastic Legendre Coefficients

44-Ru-108



16

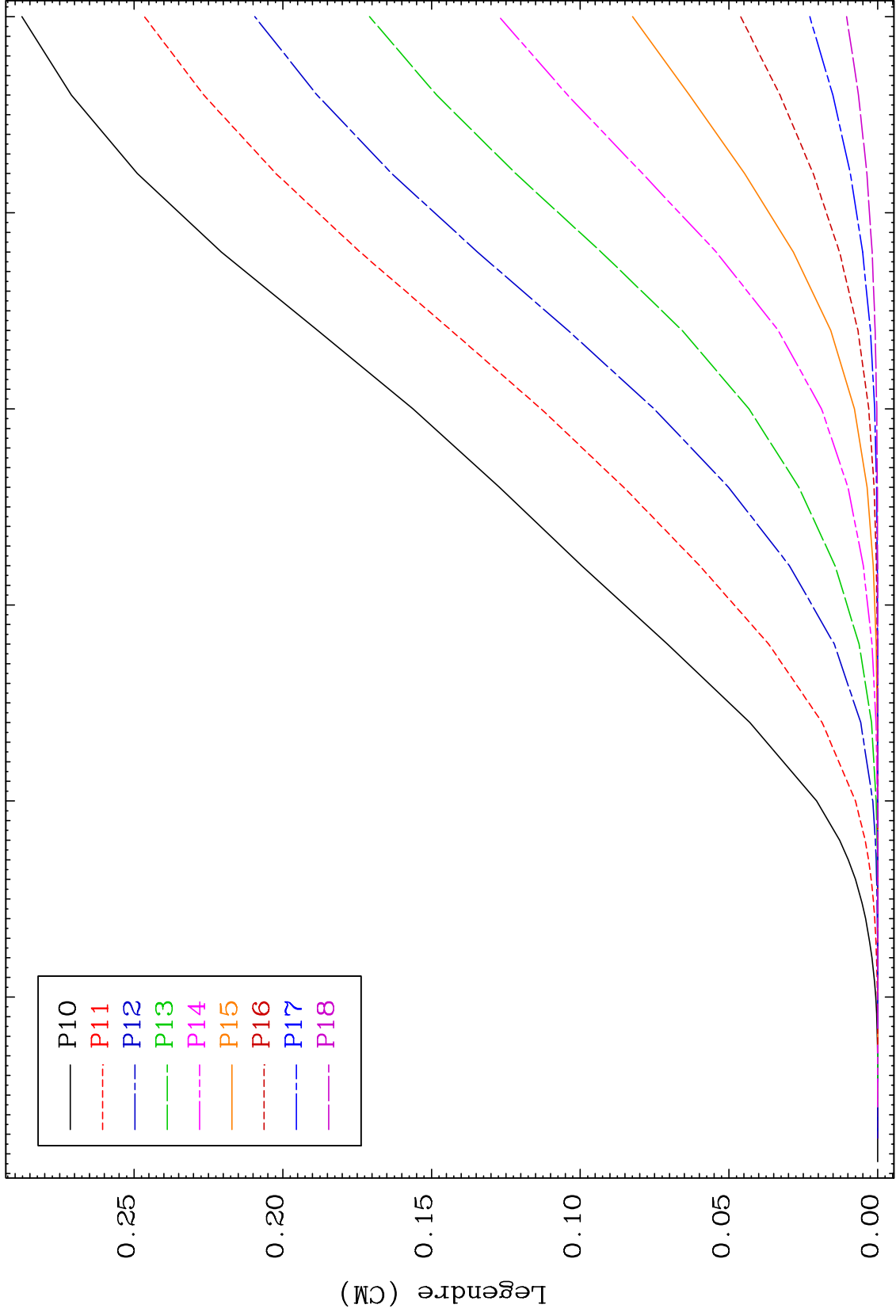
Incident Energy (MeV)

44-Ru-108

MAT 4461

Elastic Legendre Coefficients

44-Ru-108



17

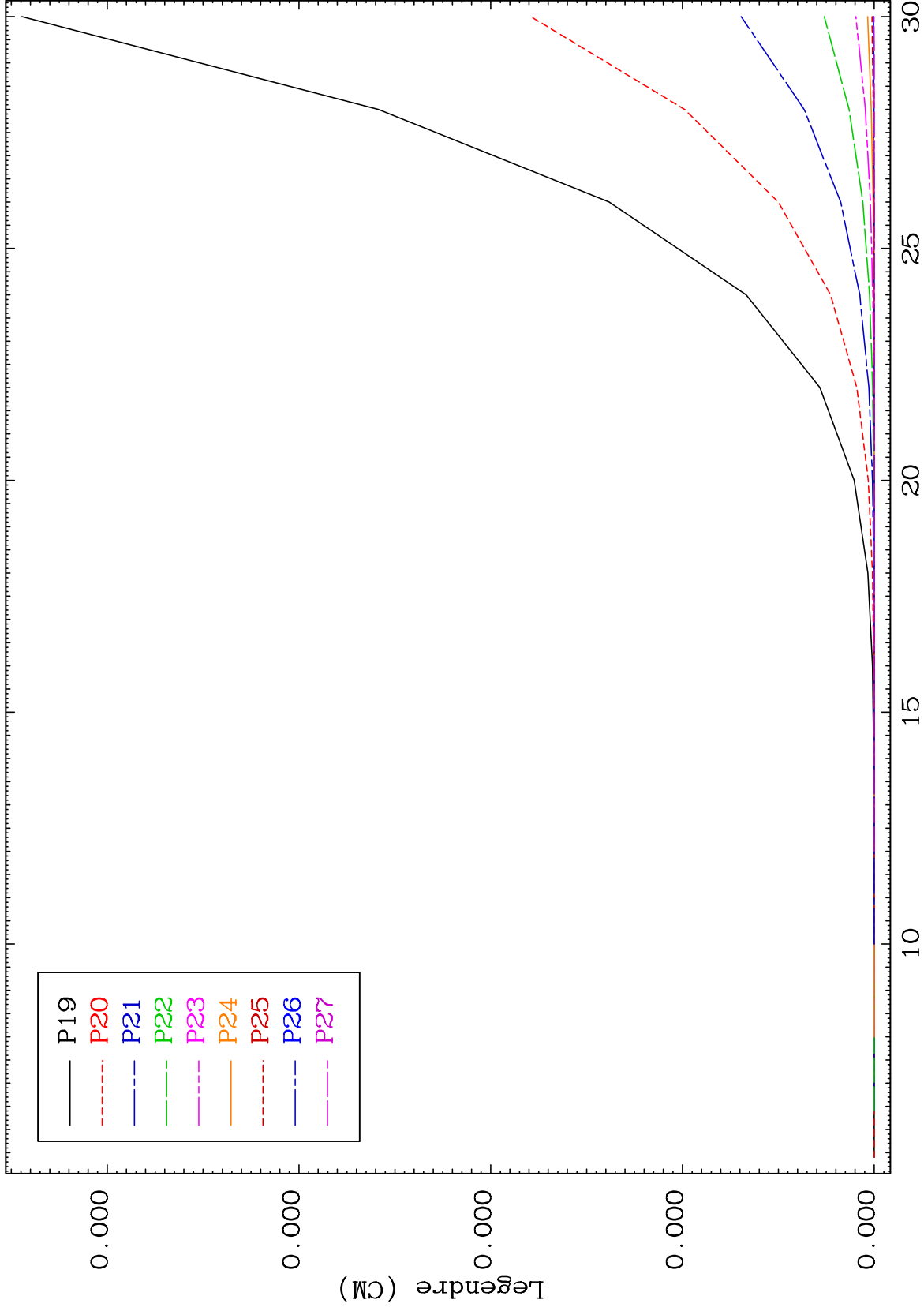
Incident Energy (MeV)

44-Ru-108

MAT 4461

Elastic
Legendre Coefficients

44-Ru-108



18

Incident Energy (MeV)

44-Ru-108

MAT 4461

Elastic
Legendre Coefficients

44-Ru-108

$\times 10^{-7}$
1.0

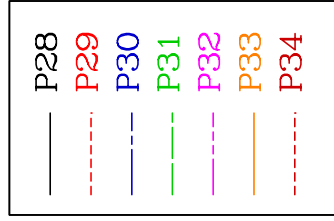
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

25

30

19

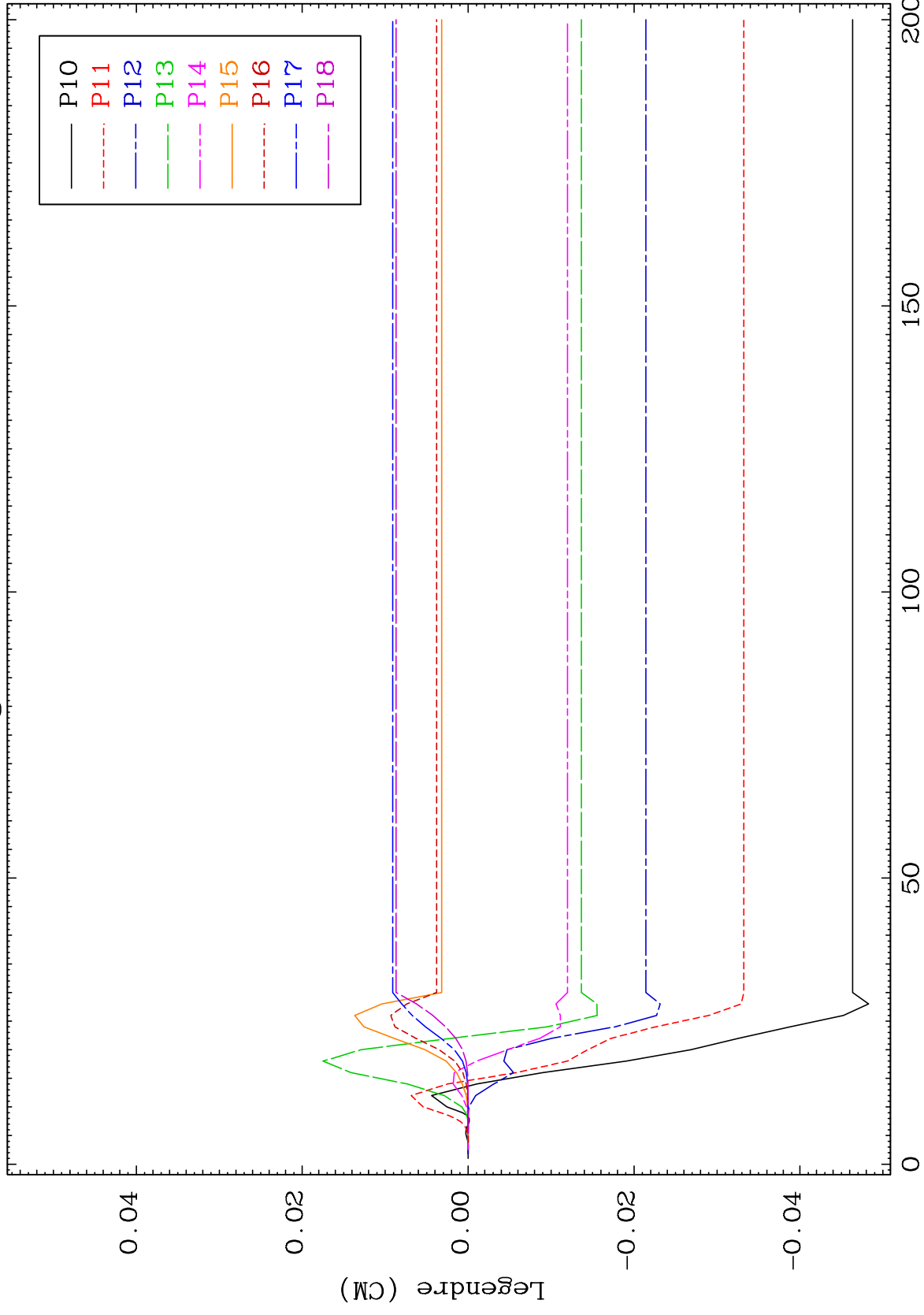
Incident Energy (MeV)

44-Ru-108

MAT 4461

242.2 keV (n, n') Level
Legendre Coefficients

44-Ru-108



21

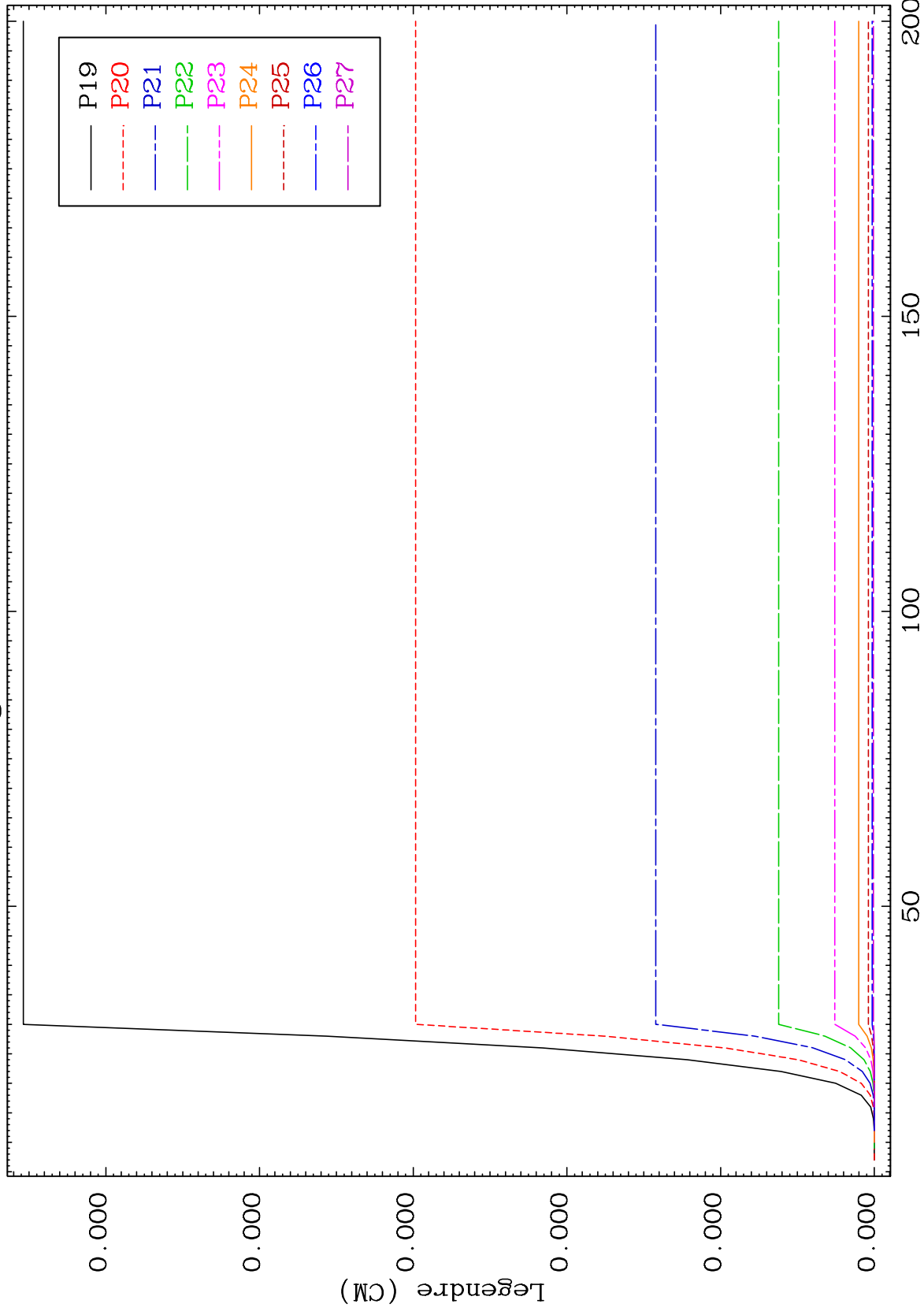
Incident Energy (MeV)

44-Ru-108

MAT 4461

242.2 keV (n, n') Level
Legendre Coefficients

44-Ru-108



22

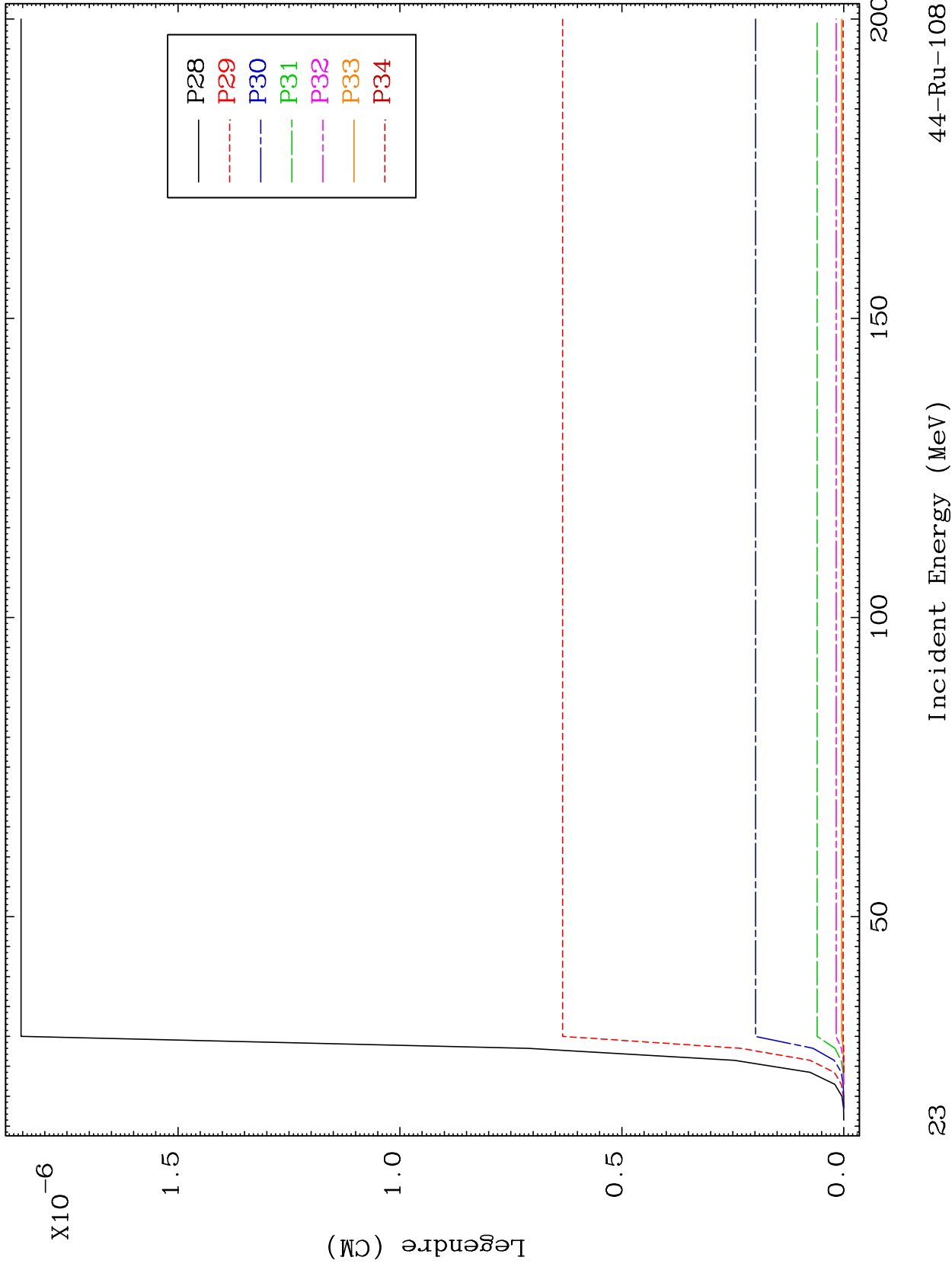
Incident Energy (MeV)

44-Ru-108

MAT 4461

242.2 keV (n,n') Level
Legendre Coefficients

44-Ru-108



23

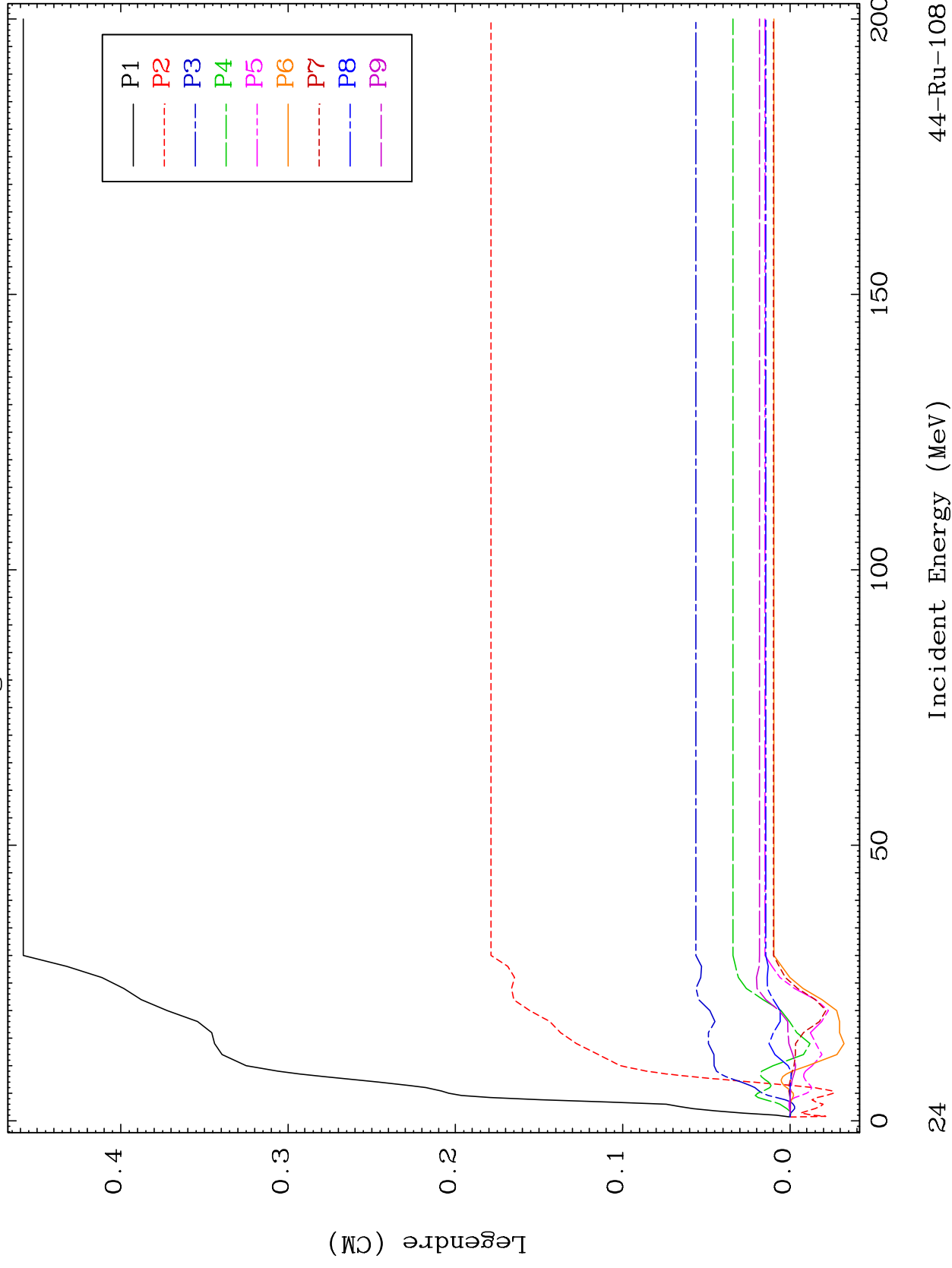
Incident Energy (MeV)

44-Ru-108

MAT 4461

665.1 keV (n,n') Level
Legendre Coefficients

44-Ru-108



44-Ru-108

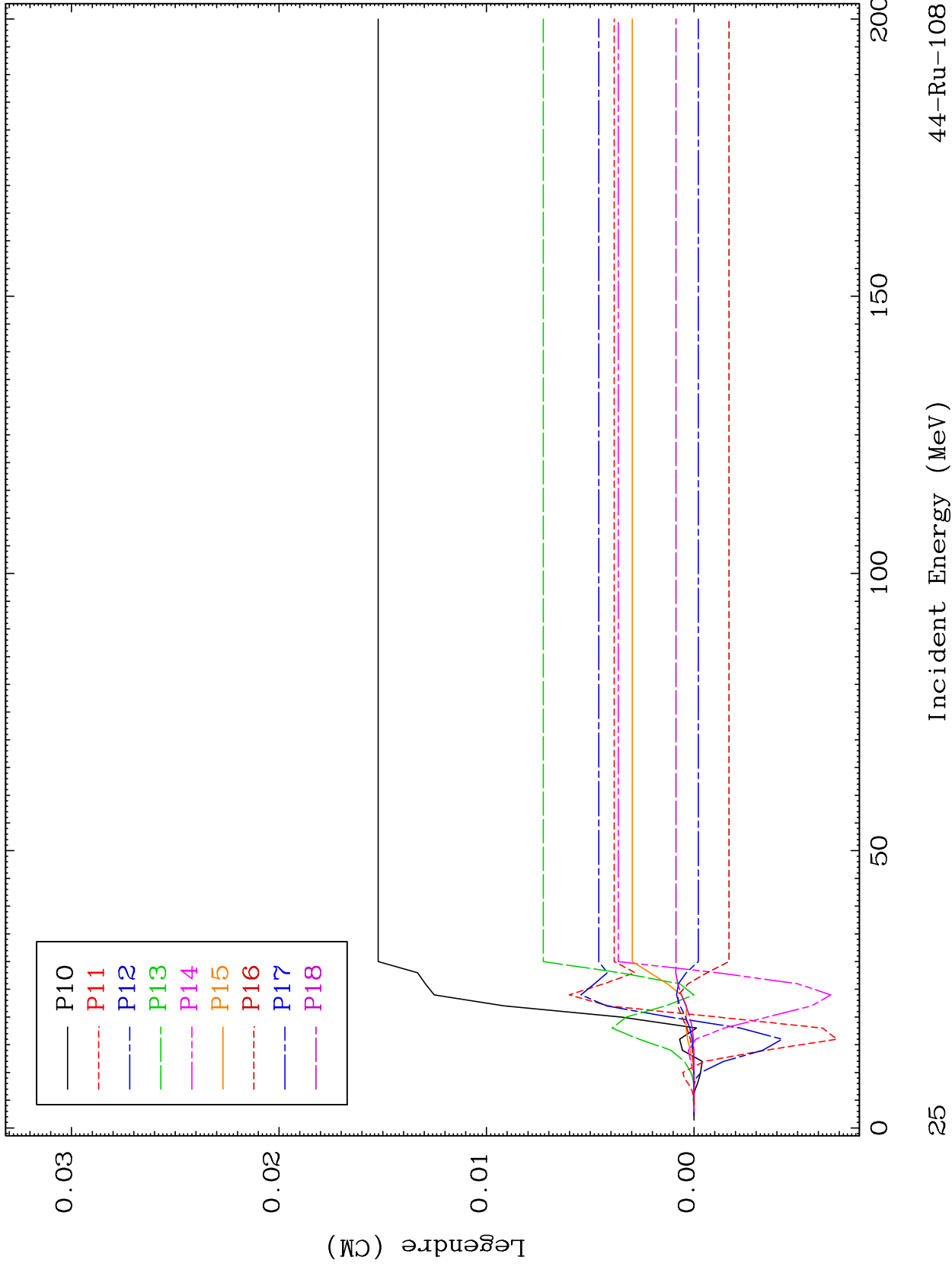
Incident Energy (MeV)

24

MAT 4461

665.1 keV (n,n') Level
Legendre Coefficients

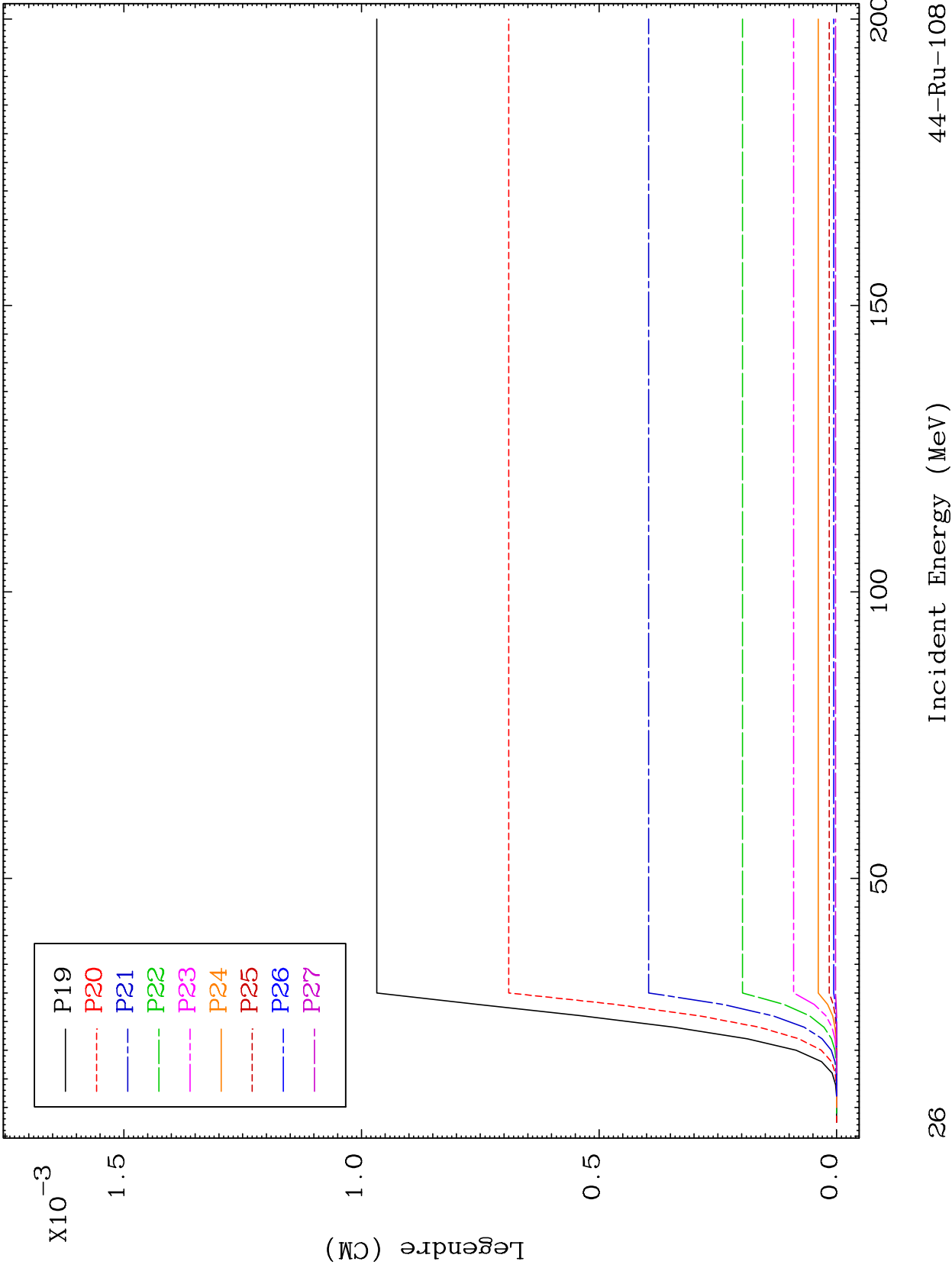
44-Ru-108



44-Ru-108

Incident Energy (MeV)

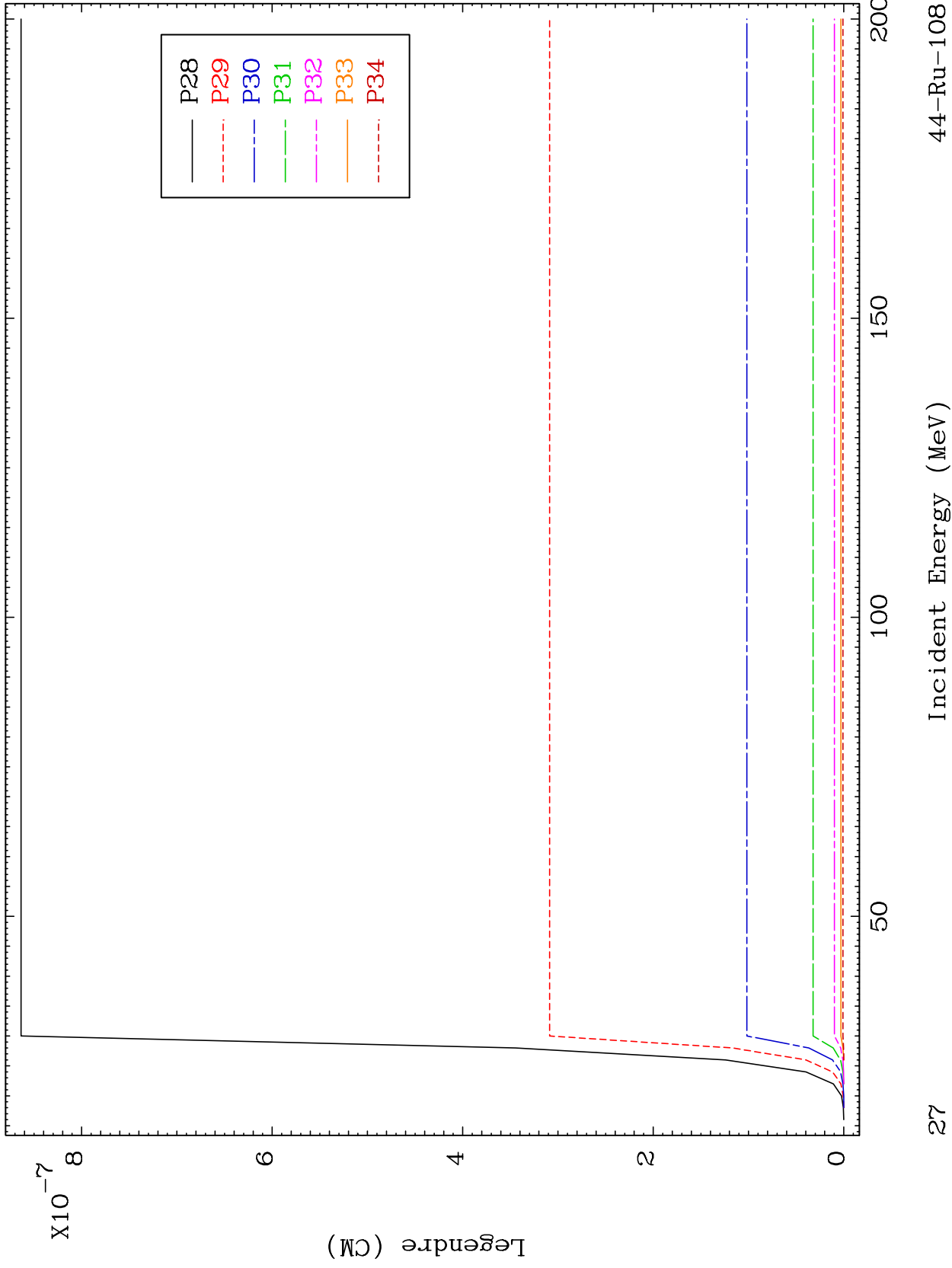
25



MAT 4461

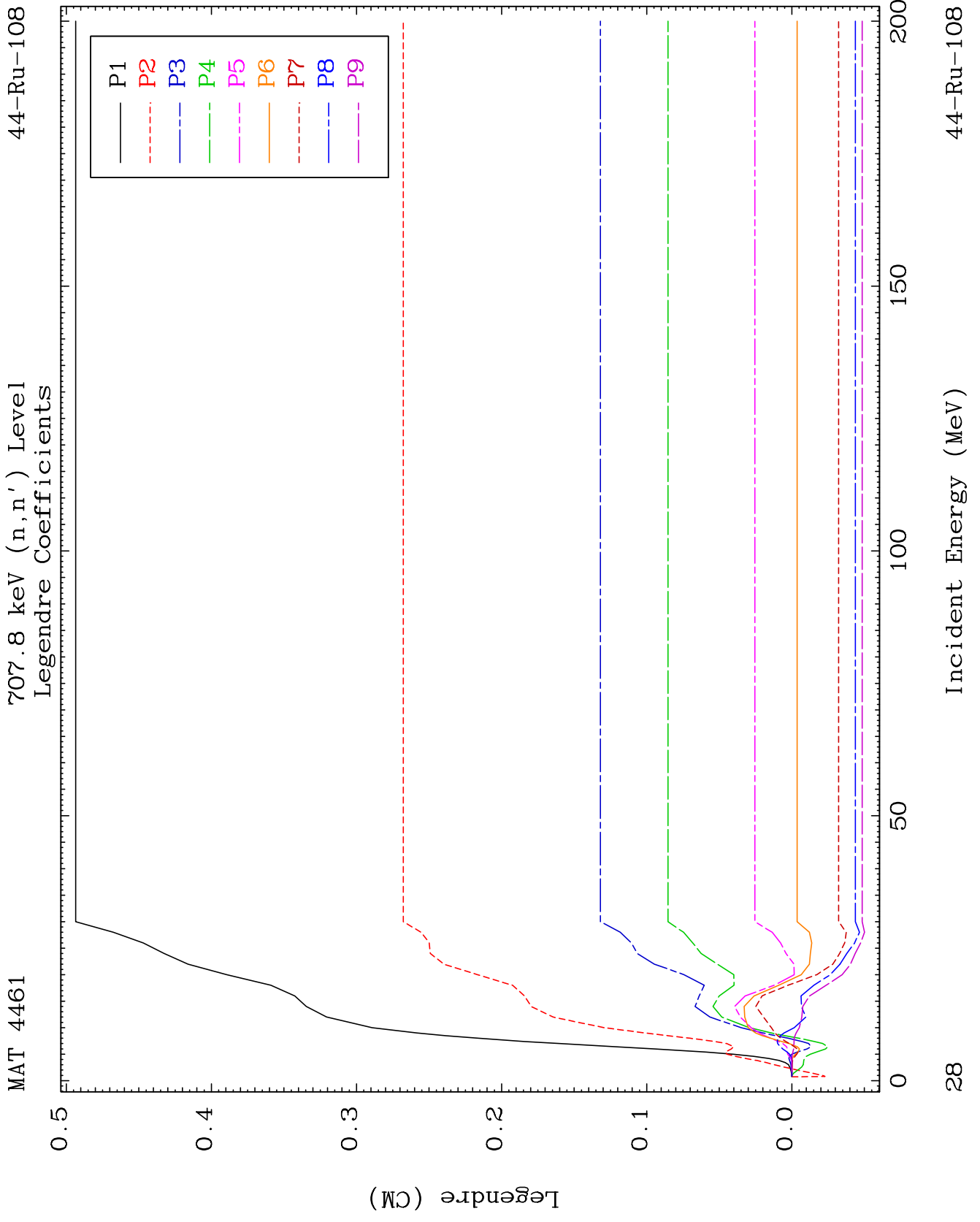
665.1 keV (n, n') Level
Legendre Coefficients

44-Ru-108



27

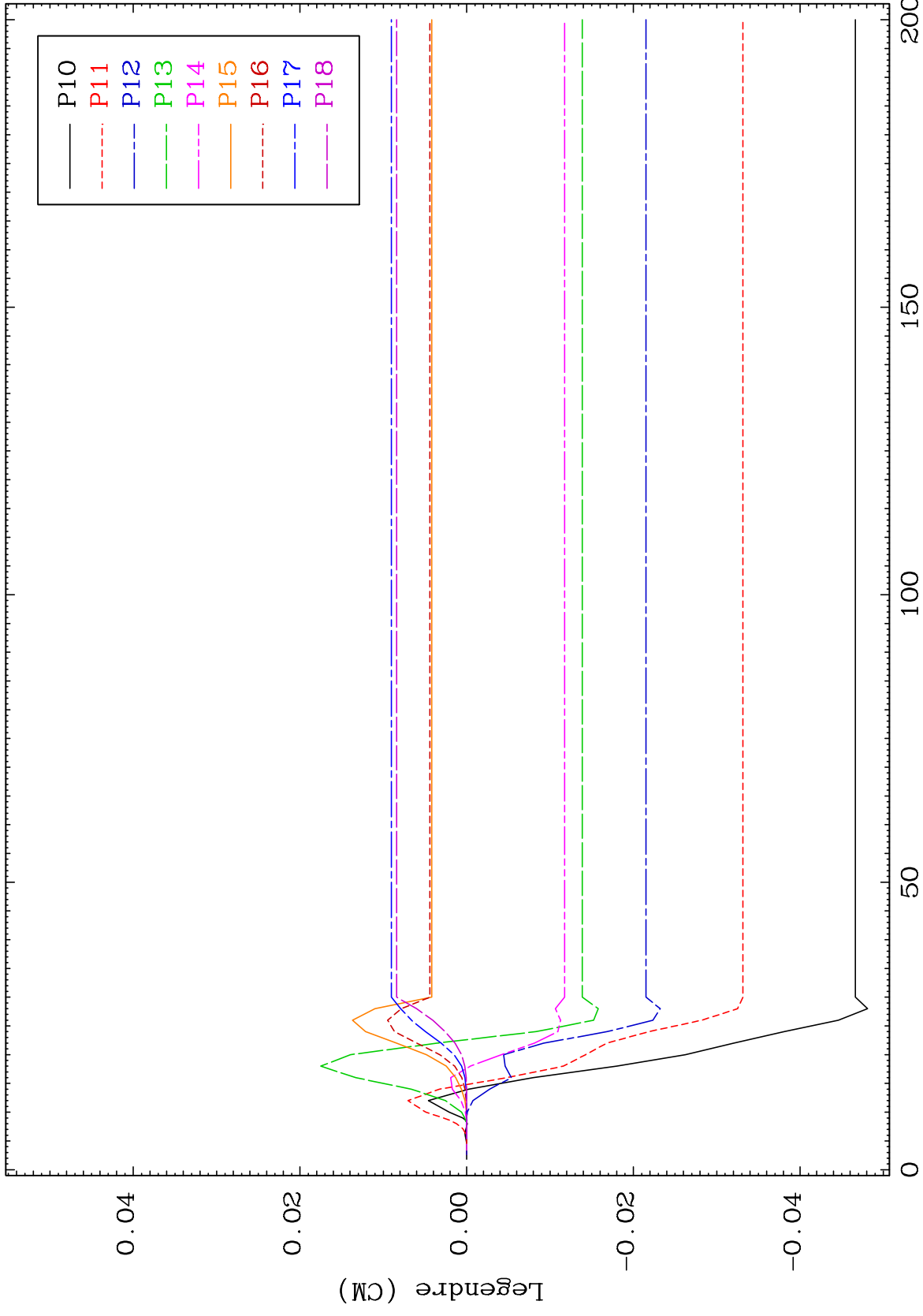
44-Ru-108



MAT 4461

707.8 keV (n,n') Level
Legendre Coefficients

44-Ru-108



29

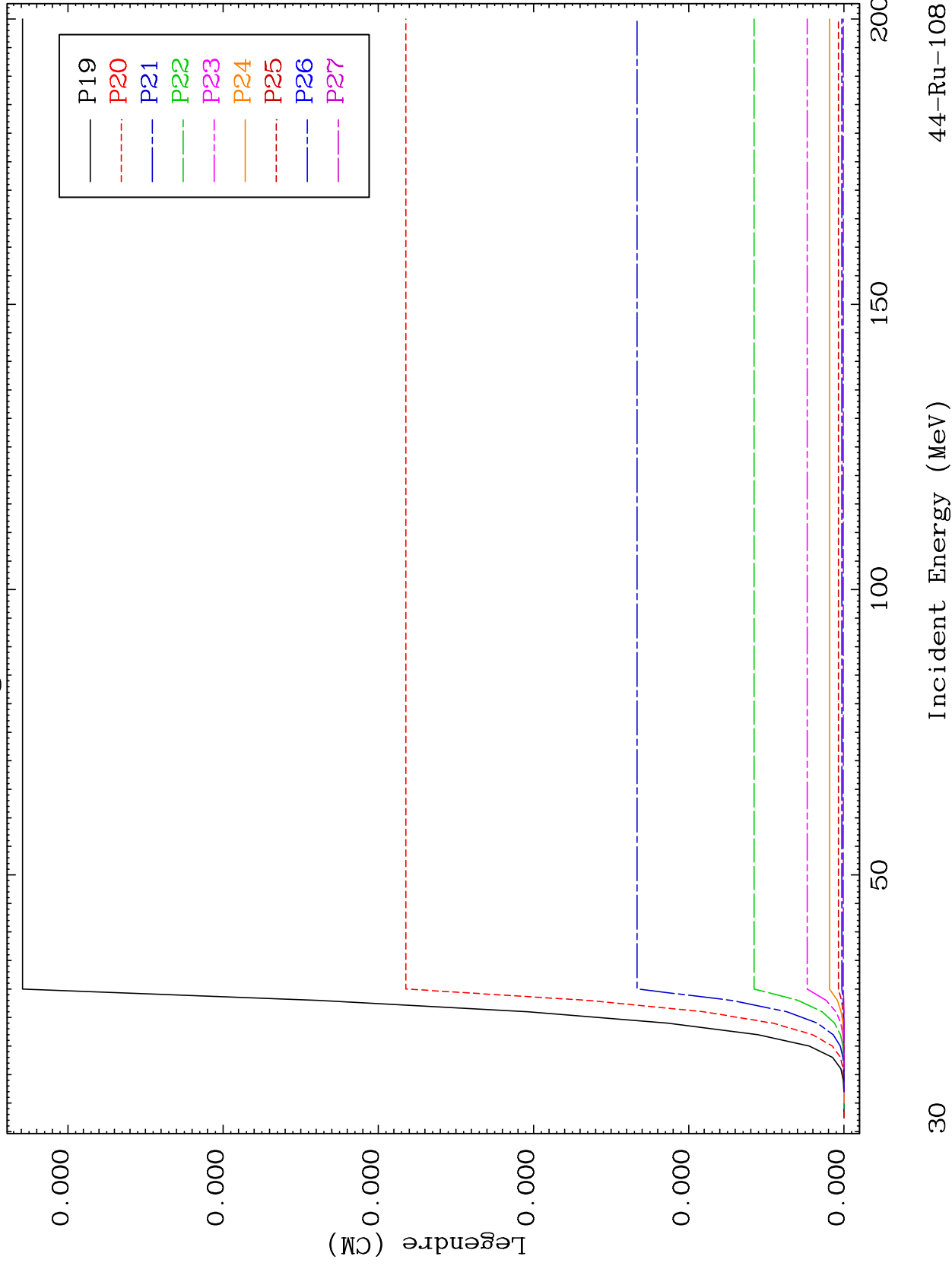
Incident Energy (MeV)

44-Ru-108

MAT 4461

707.8 keV (n, n') Level
Legendre Coefficients

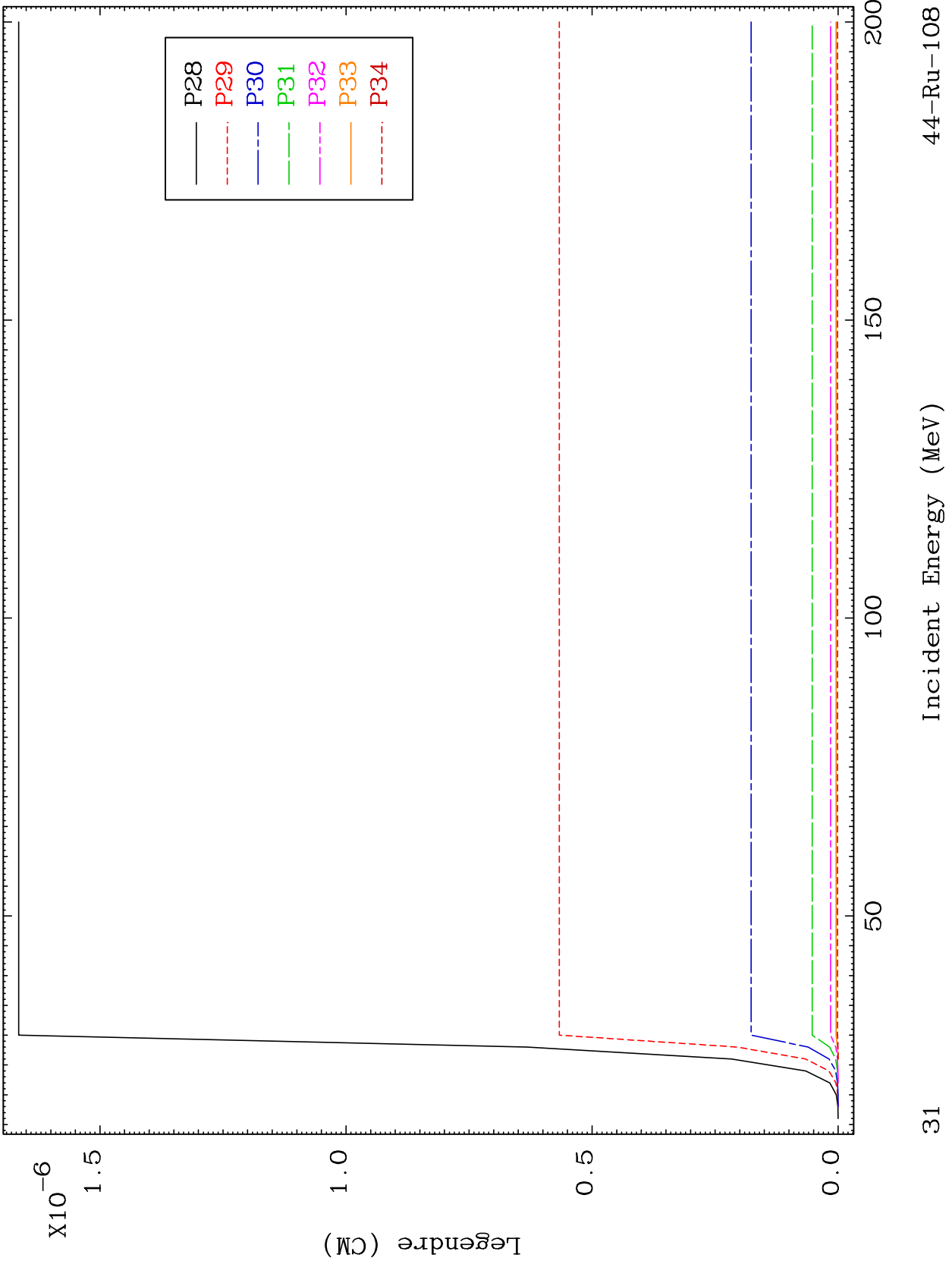
44-Ru-108



30

Incident Energy (MeV)

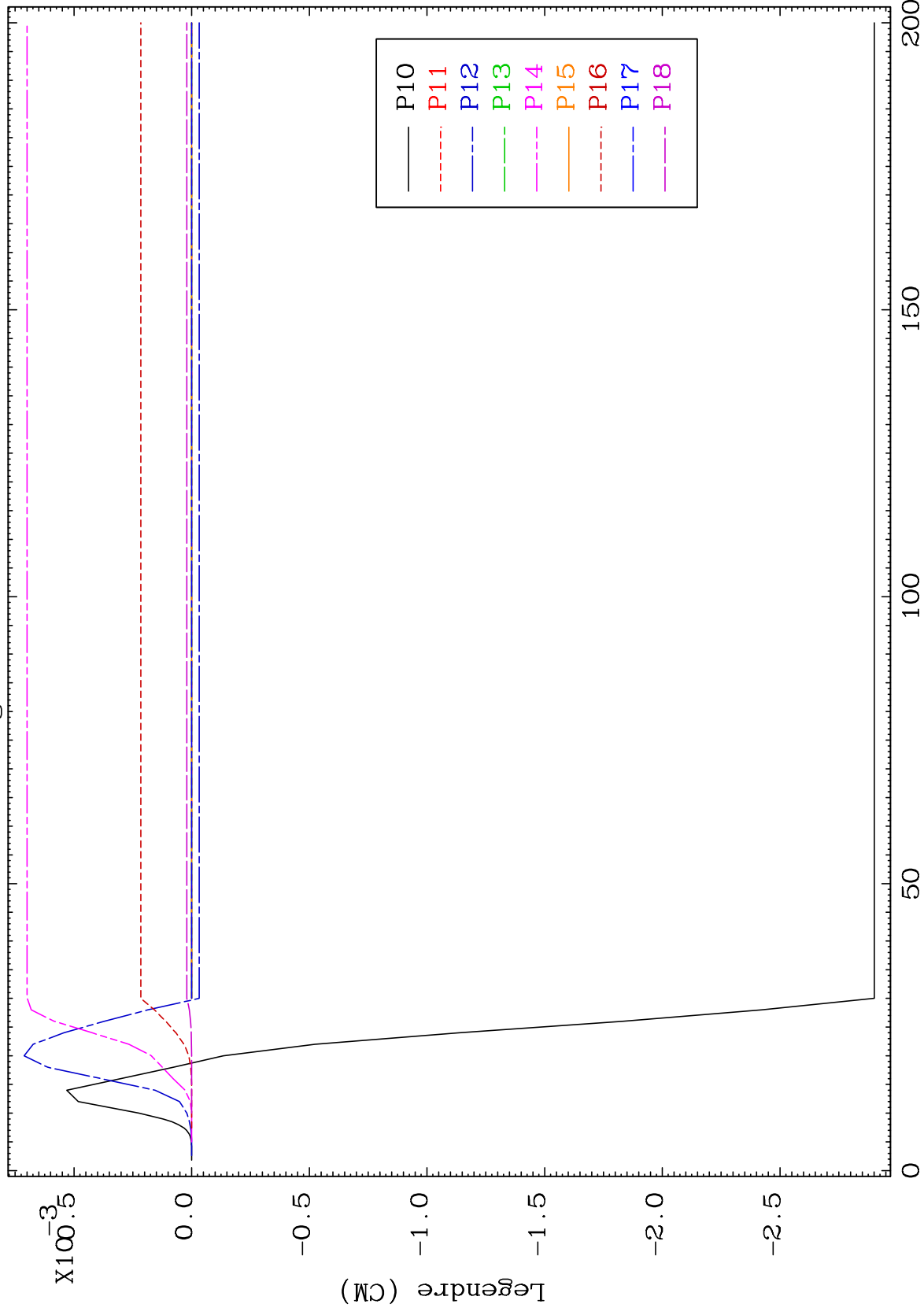
44-Ru-108



MAT 4461

974.8 keV (n,n') Level
Legendre Coefficients

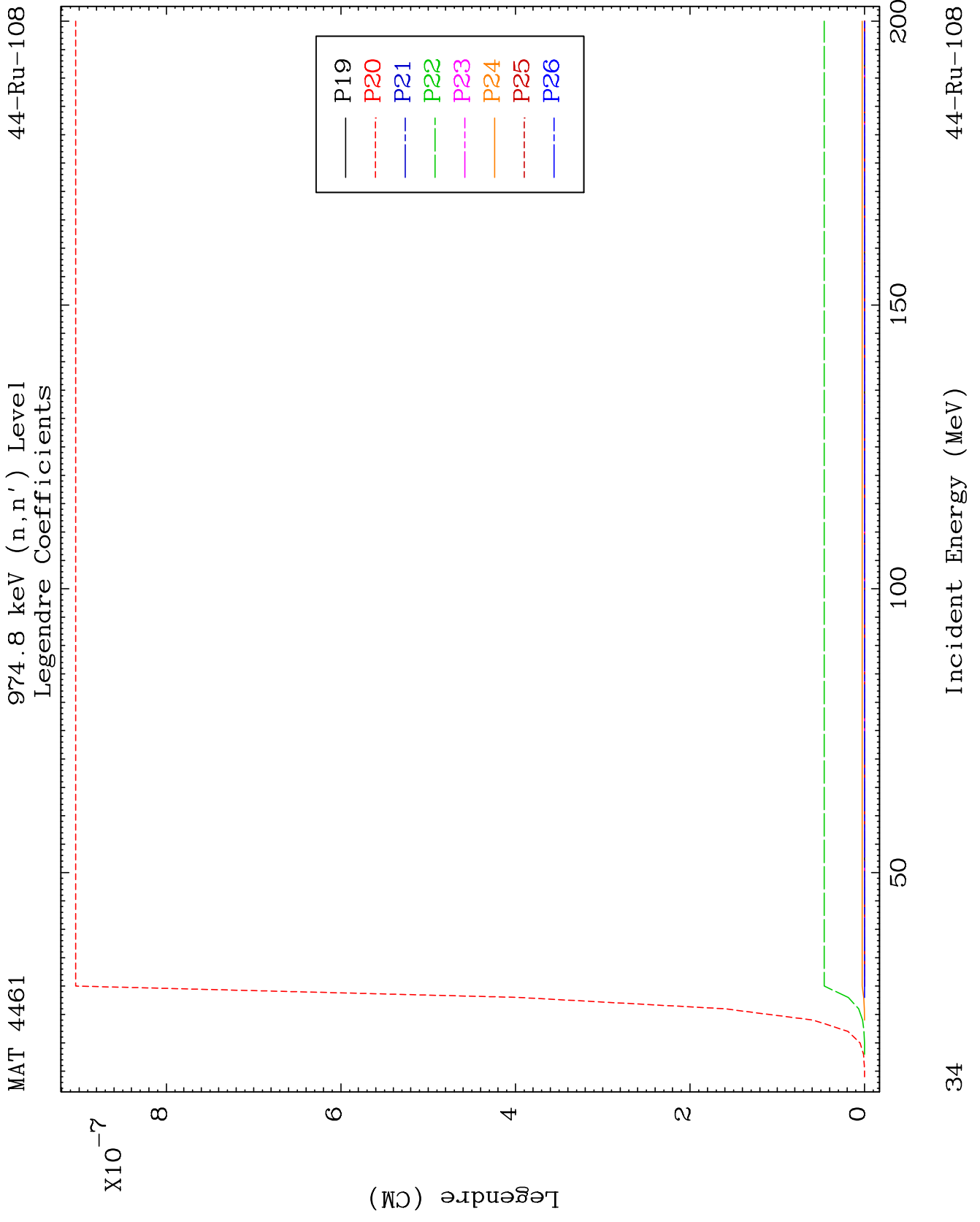
44-Ru-108

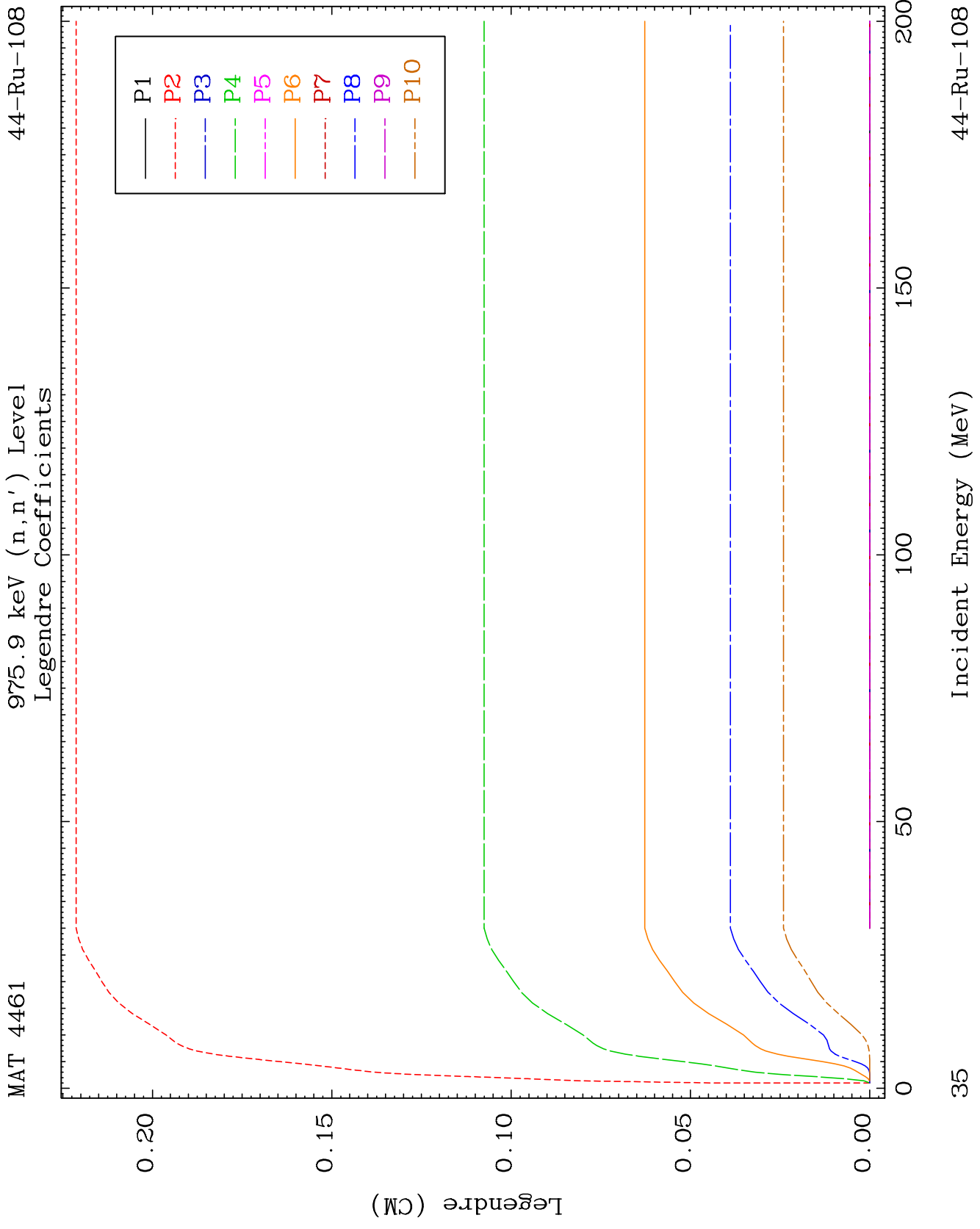


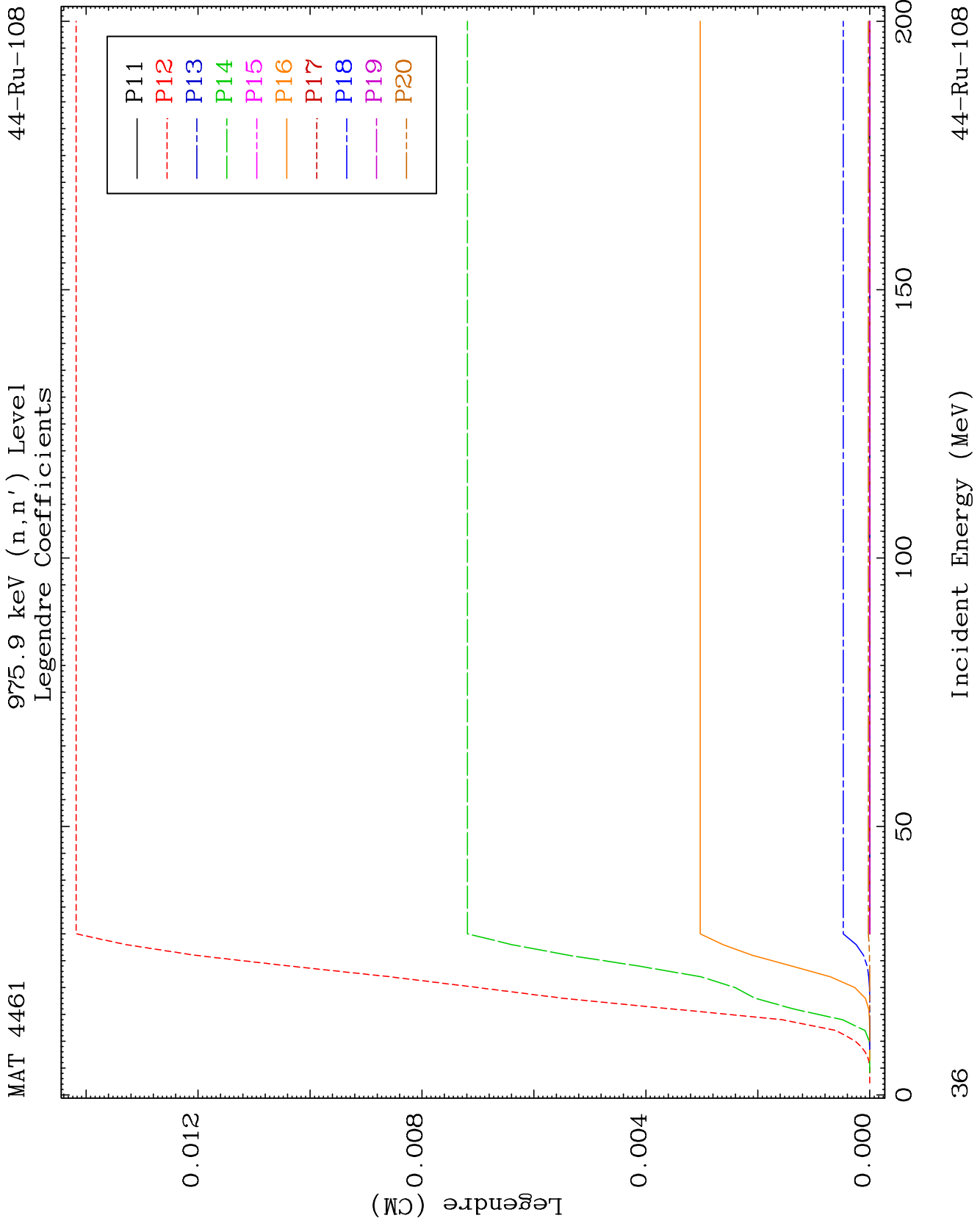
33

Incident Energy (MeV)

44-Ru-108



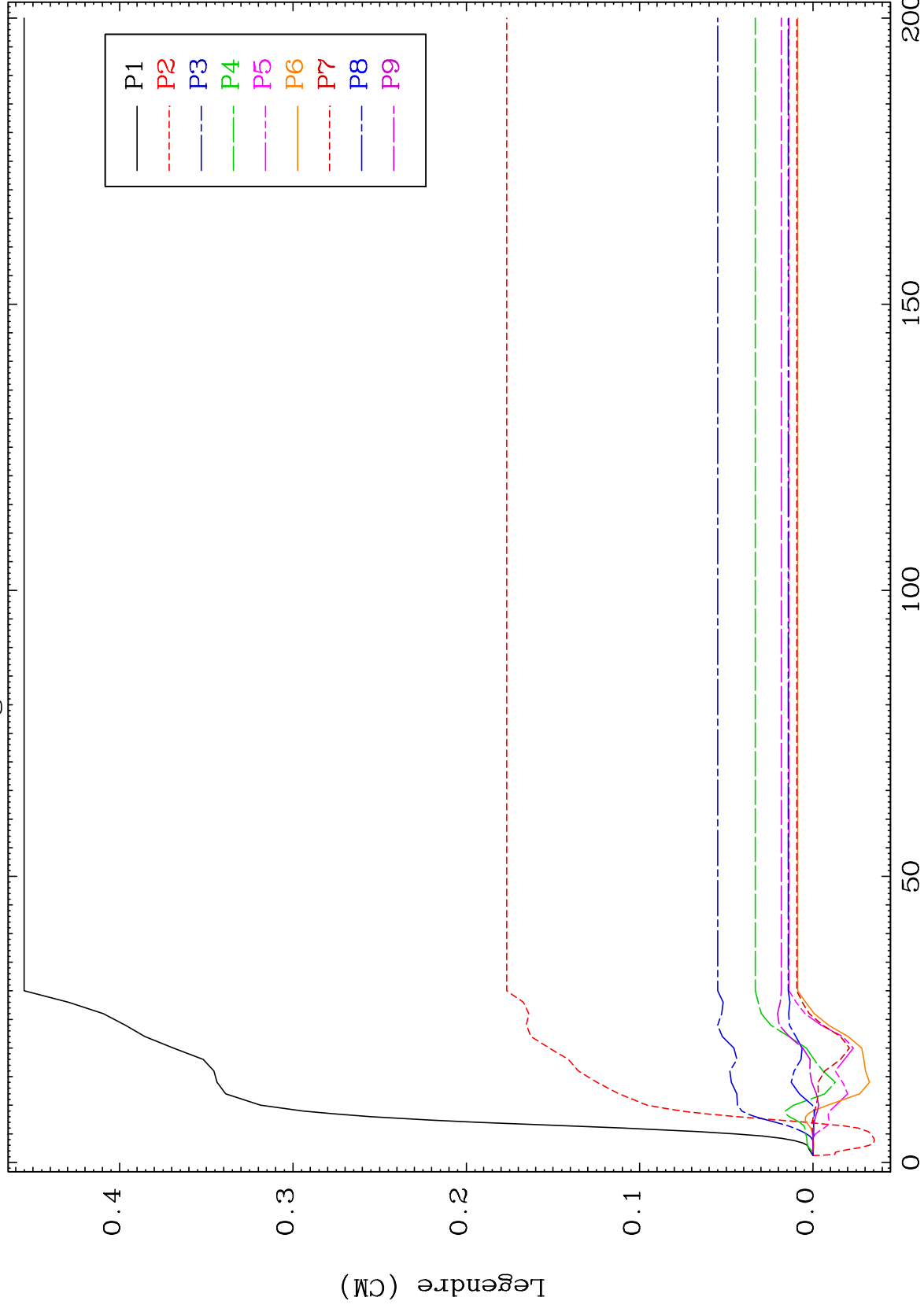




MAT 4461

1.183 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



38

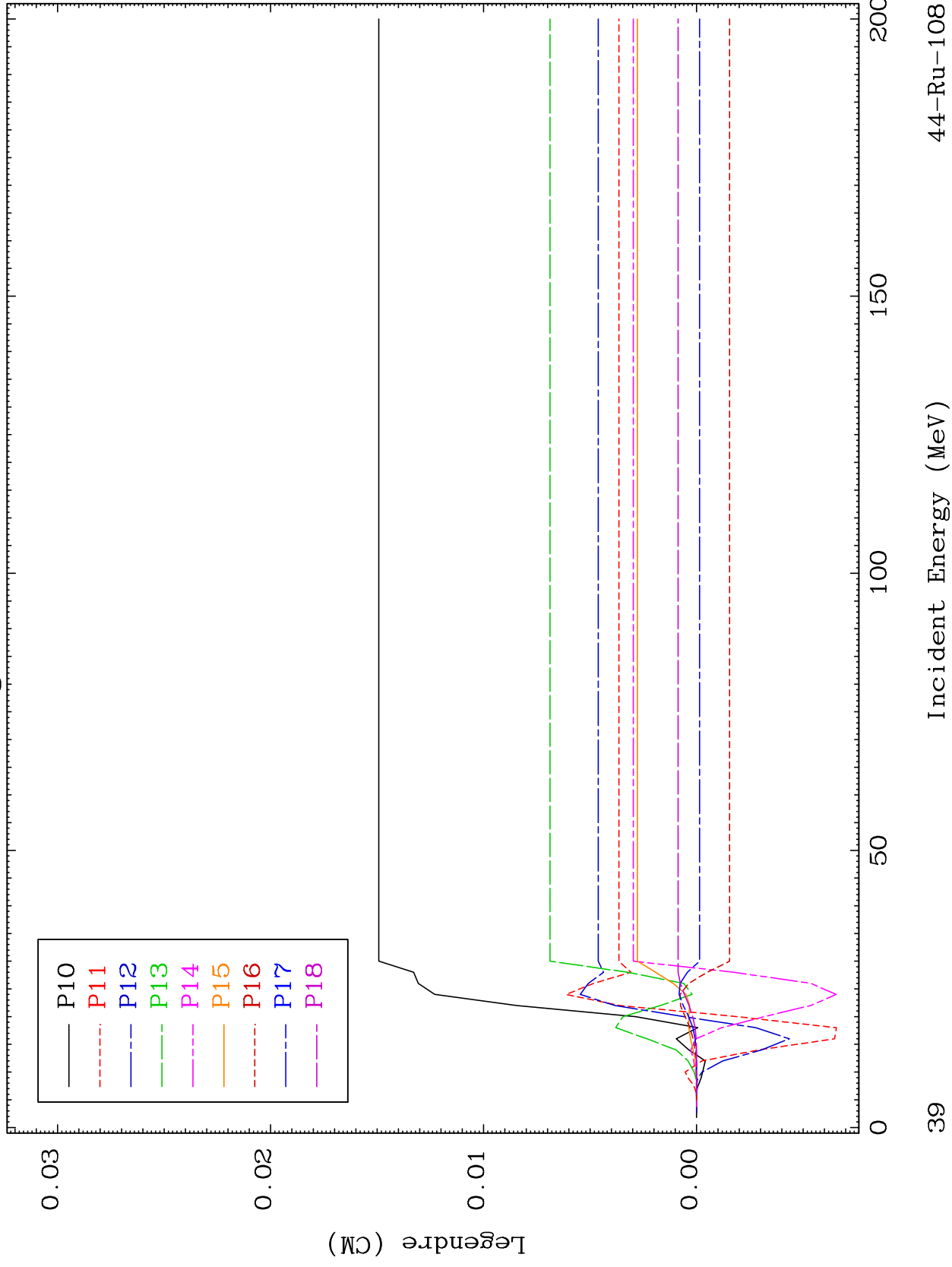
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.183 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



39

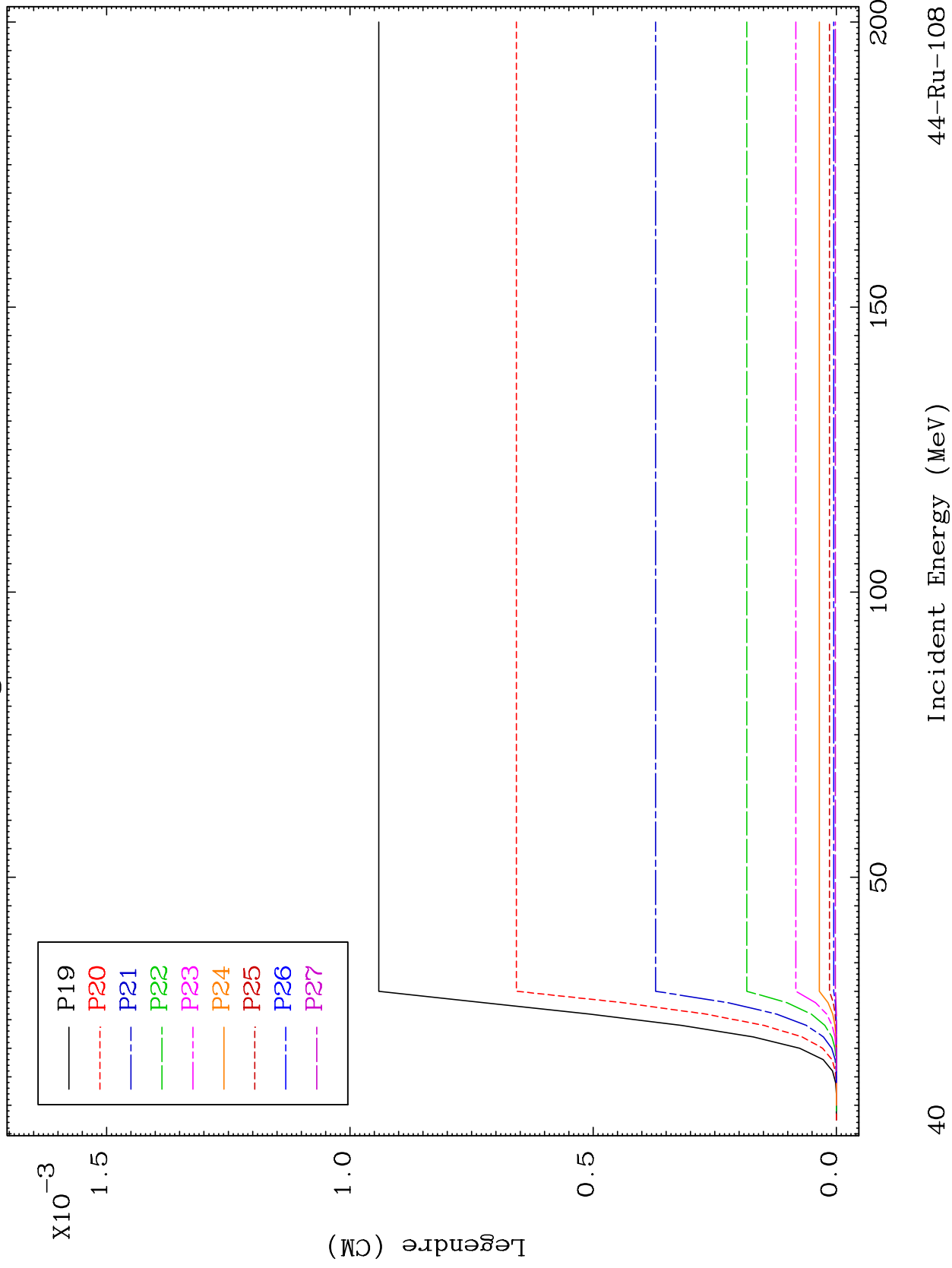
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.183 MeV (n,n') Level
Legendre Coefficients

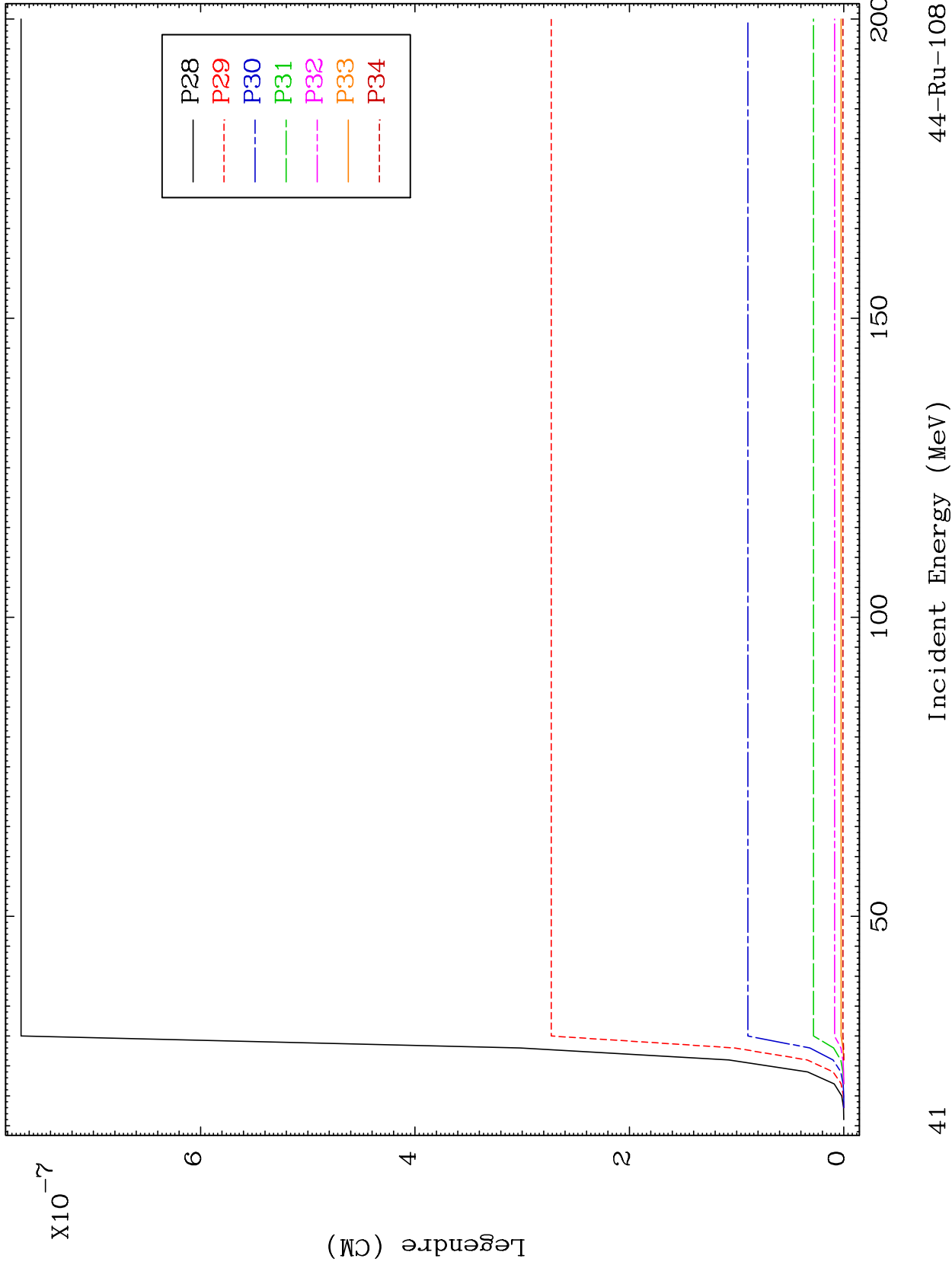
44-Ru-108



MAT 4461

1.183 MeV (n, n') Level
Legendre Coefficients

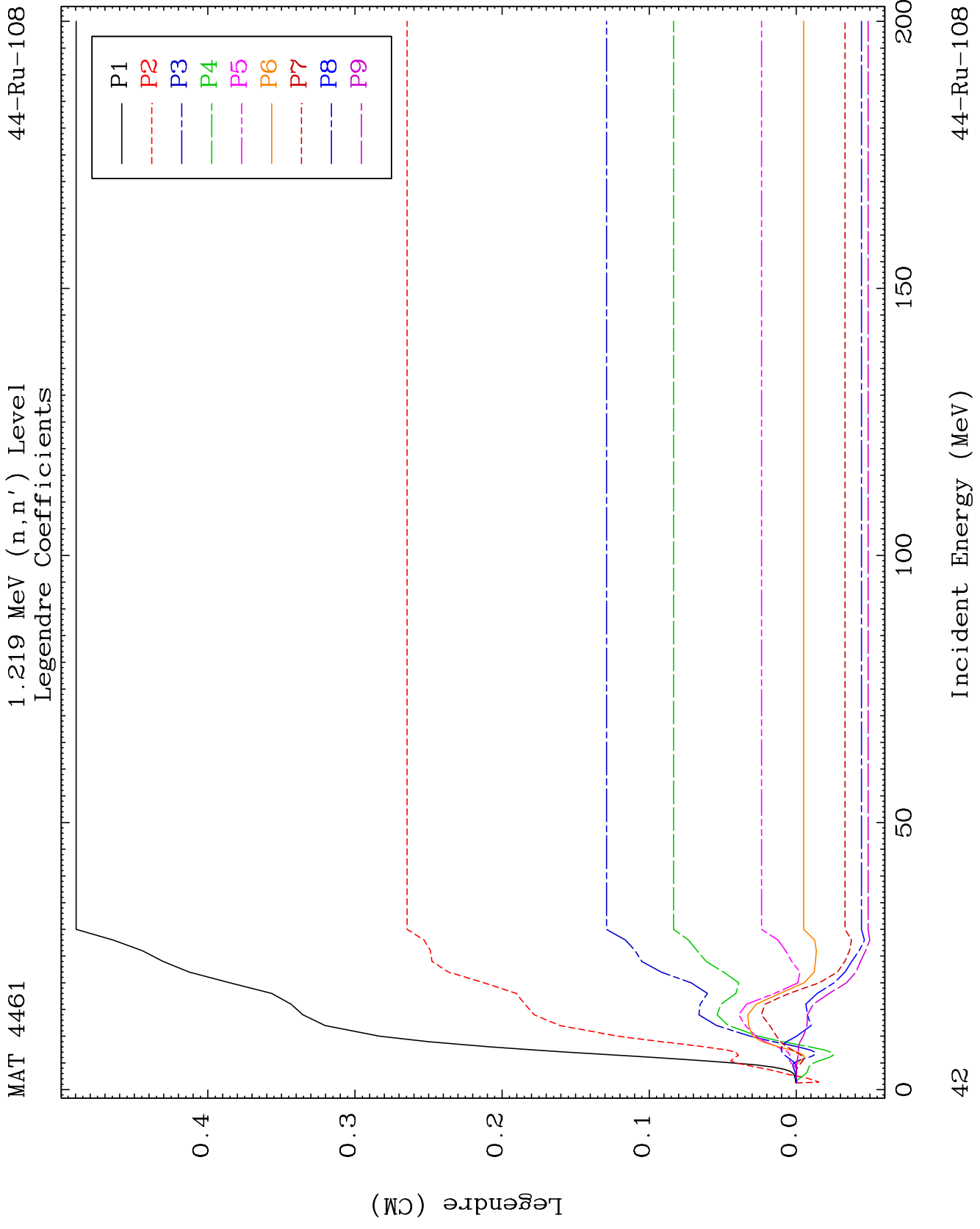
44-Ru-108



41

Incident Energy (MeV)

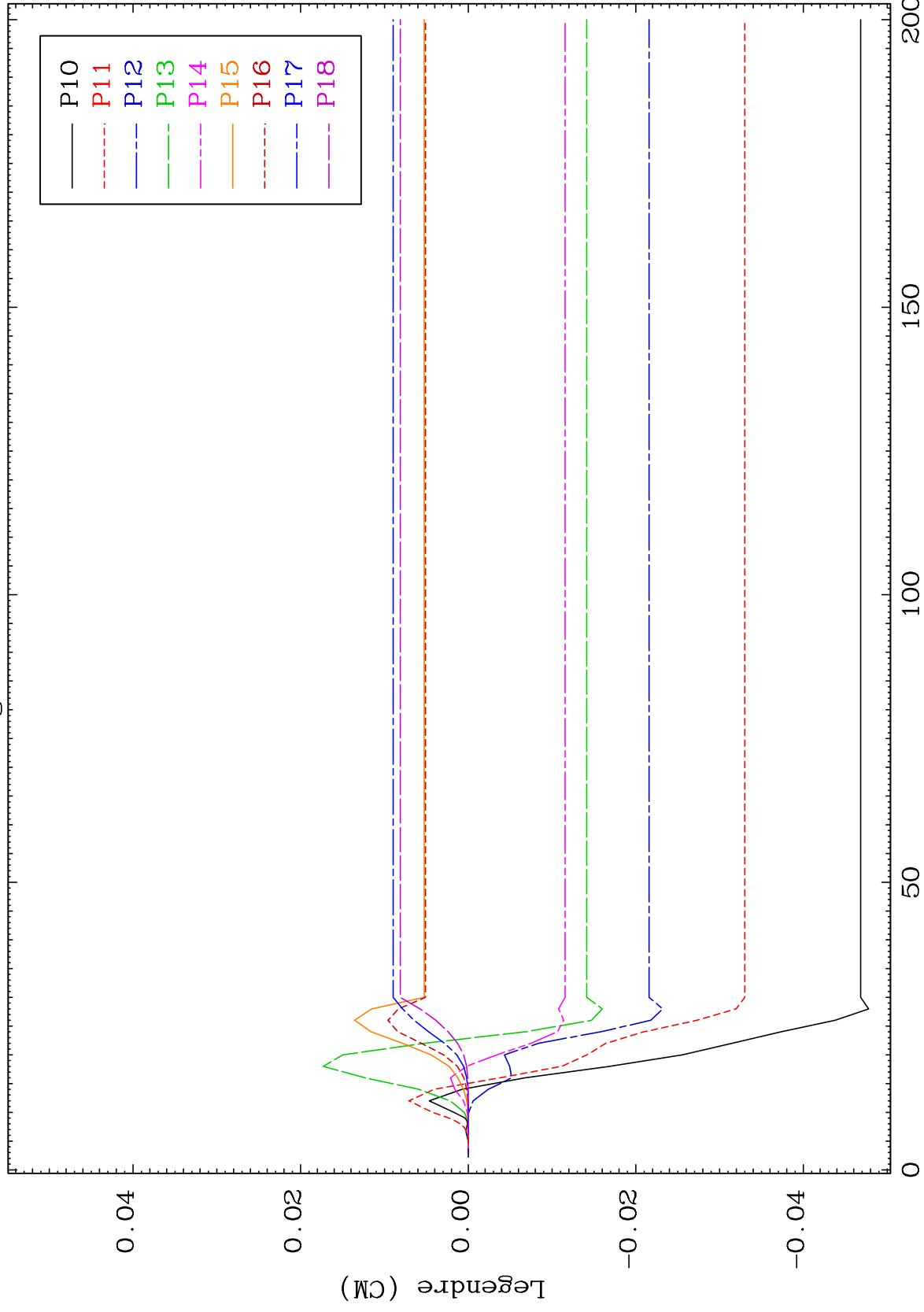
44-Ru-108



MAT 4461

1.219 MeV (n, n') Level
Legendre Coefficients

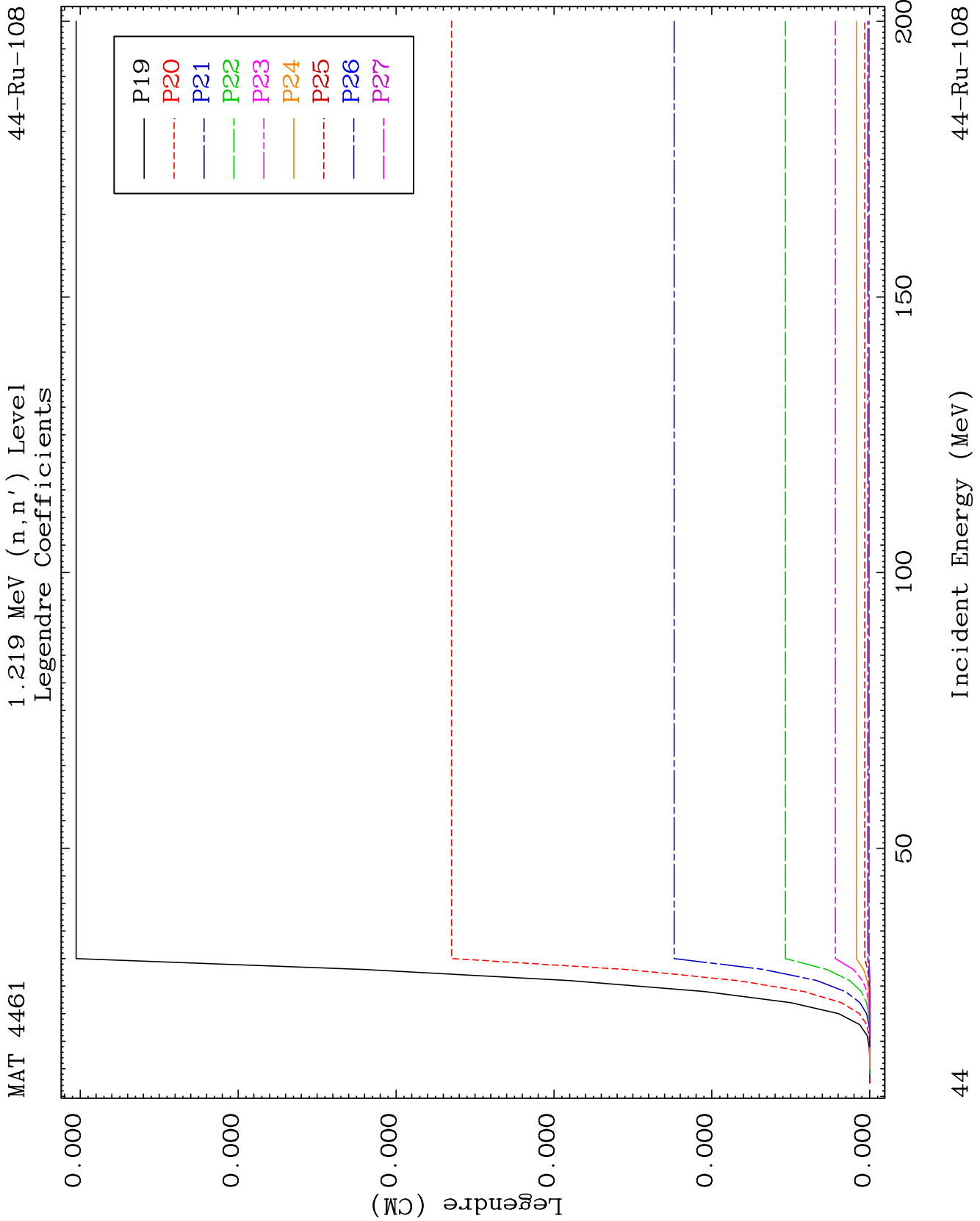
44-Ru-108

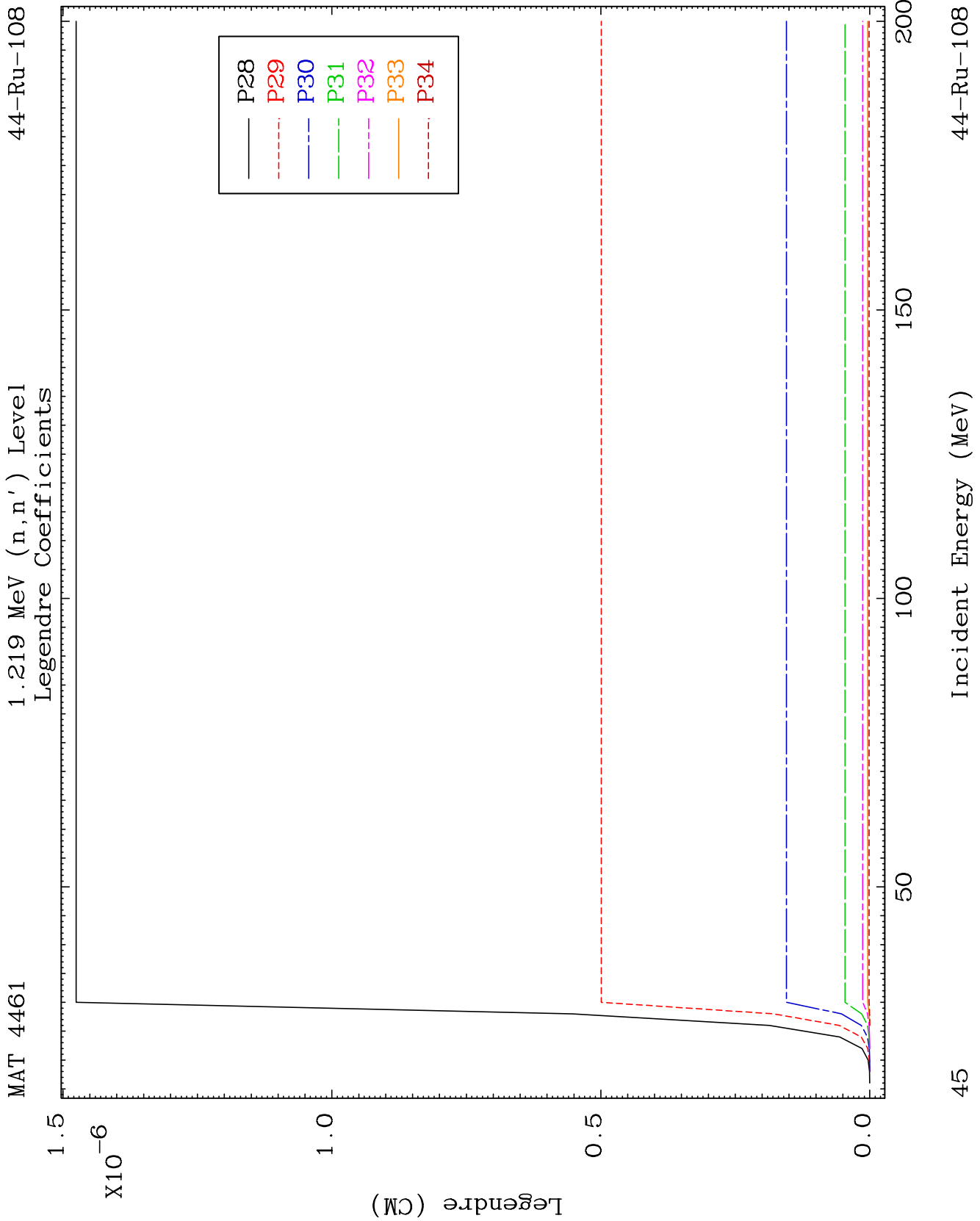


43

Incident Energy (MeV)

44-Ru-108

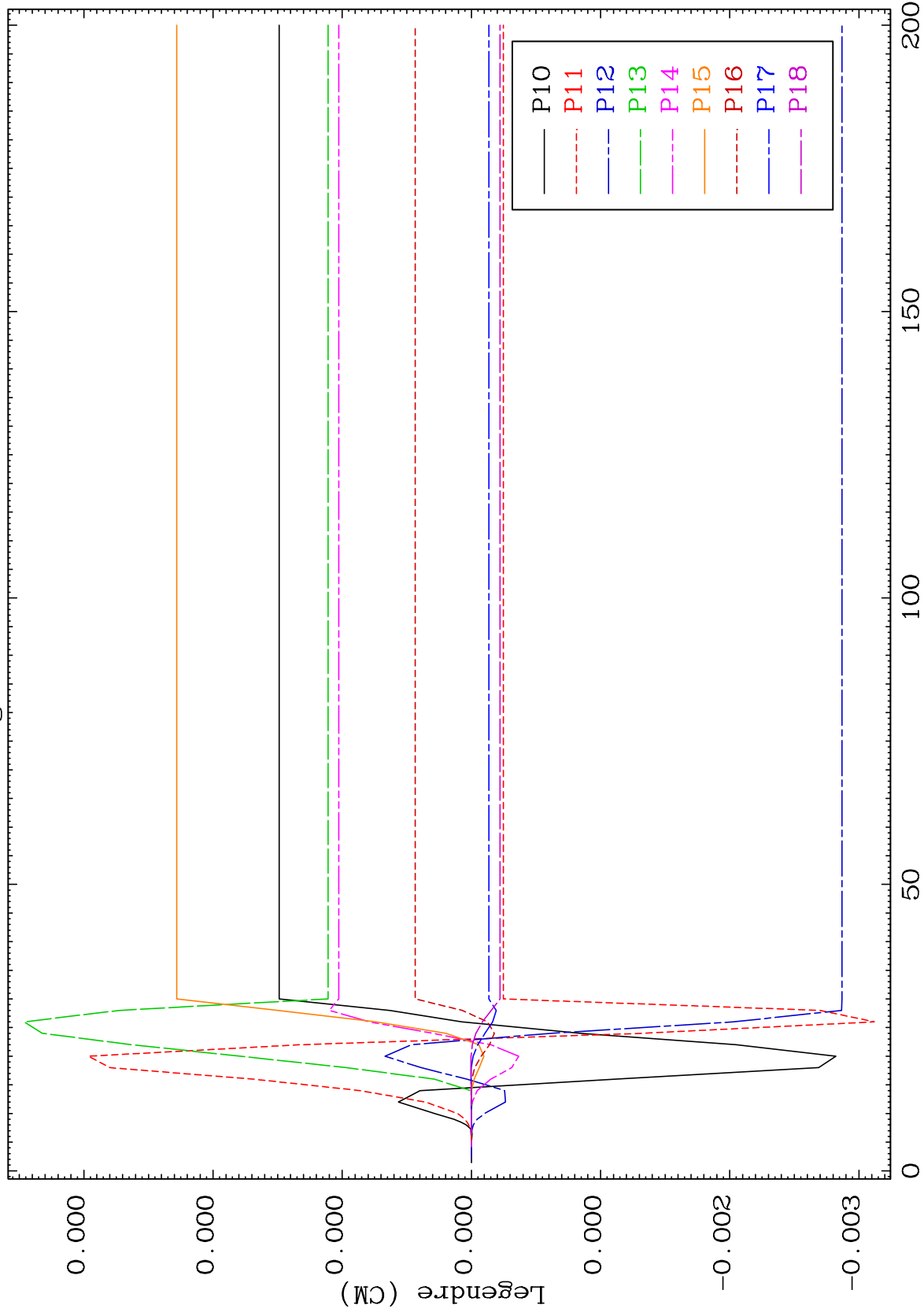




MAT 4461

1.241 MeV (n,n') Level
Legendre Coefficients

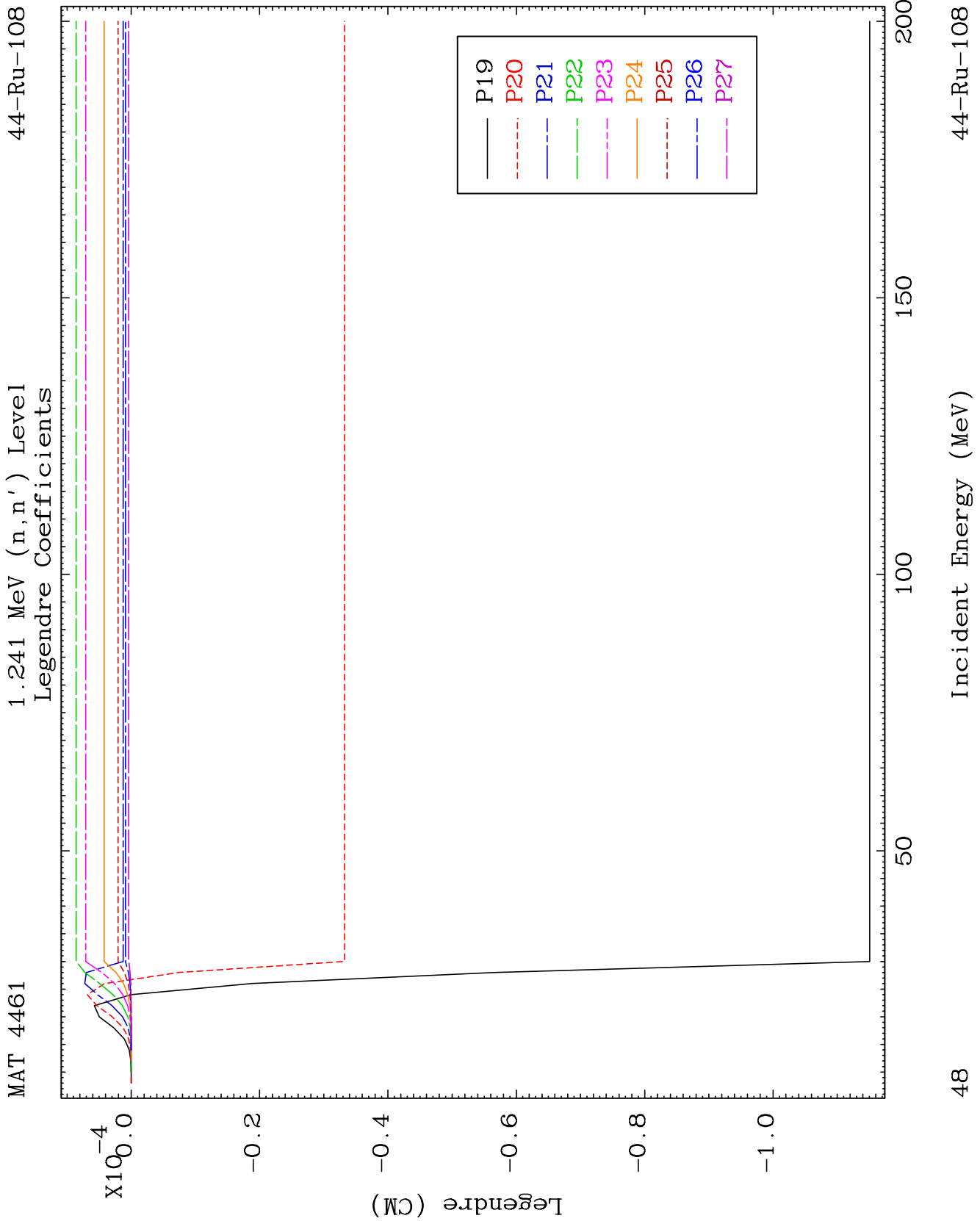
44-Ru-108

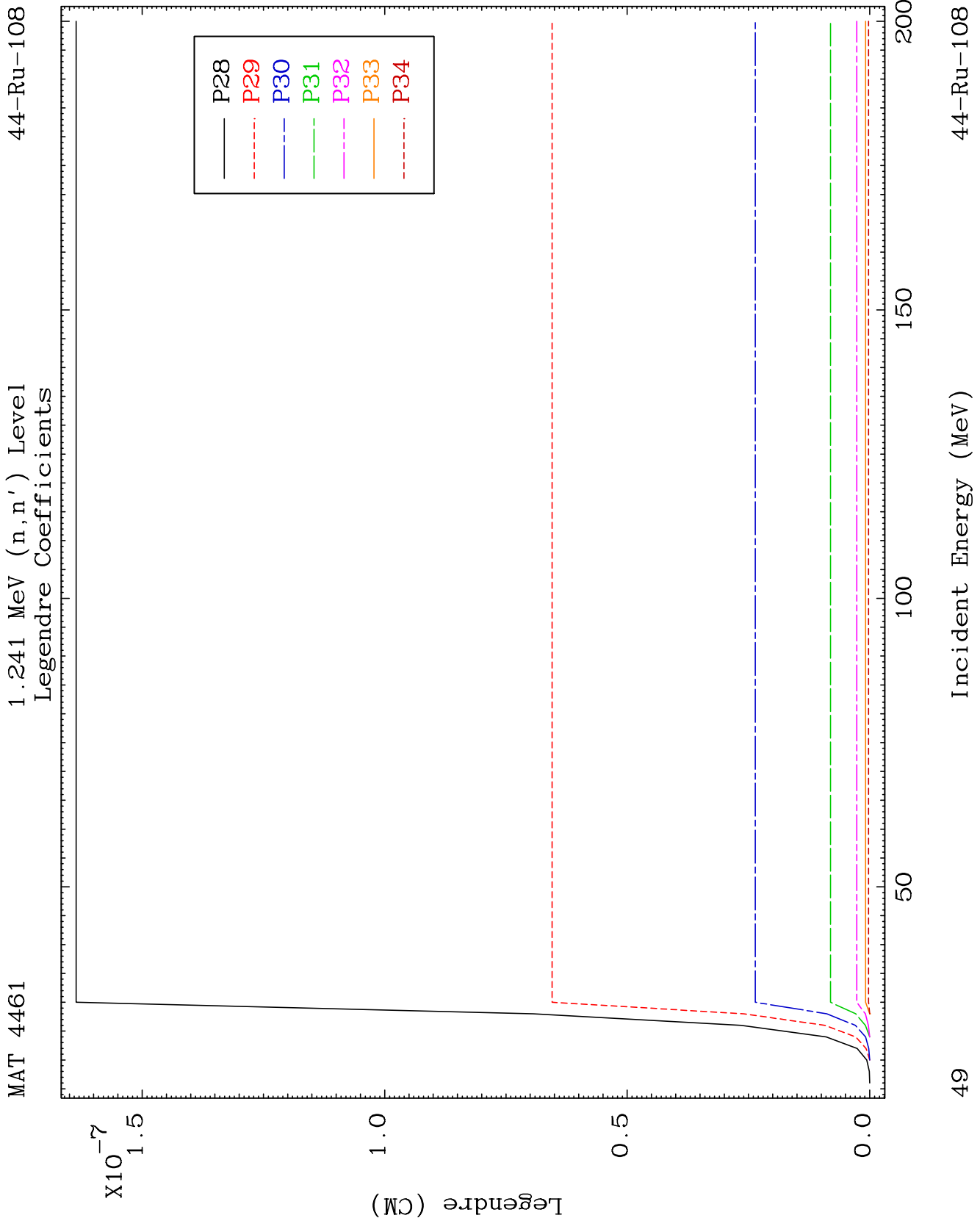


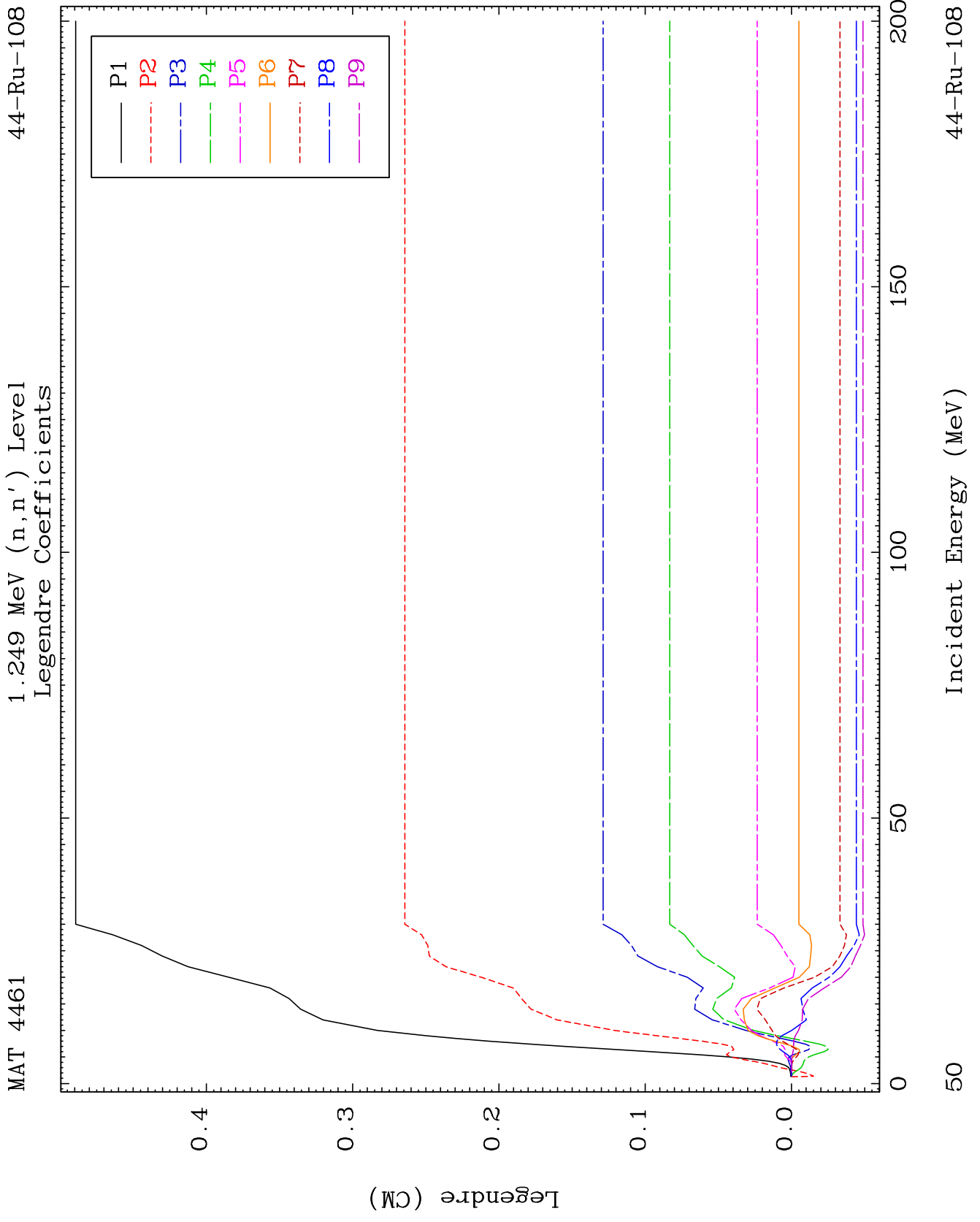
47

Incident Energy (MeV)

44-Ru-108



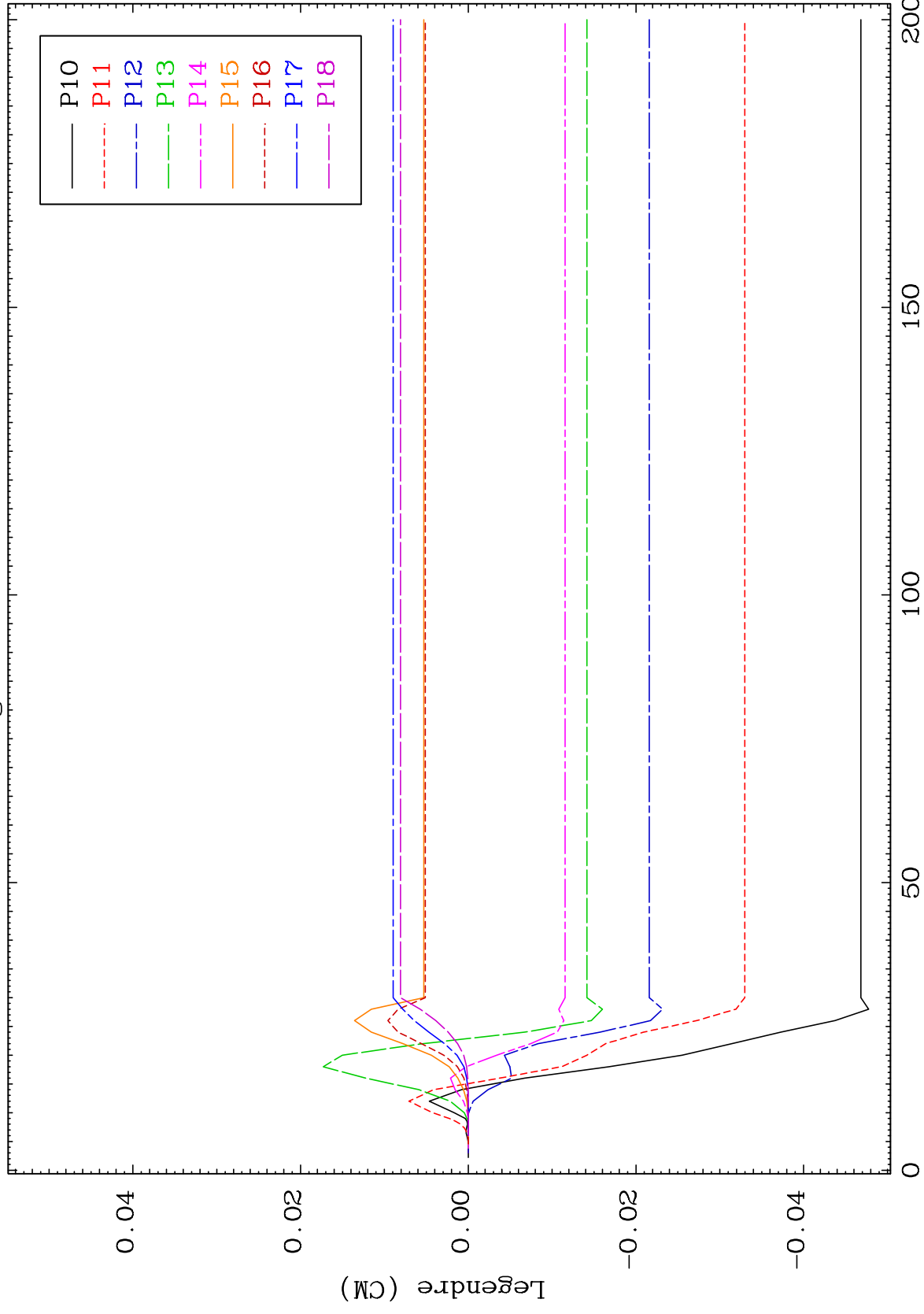




MAT 4461

1.249 MeV (n, n') Level
Legendre Coefficients

44-Ru-108



51

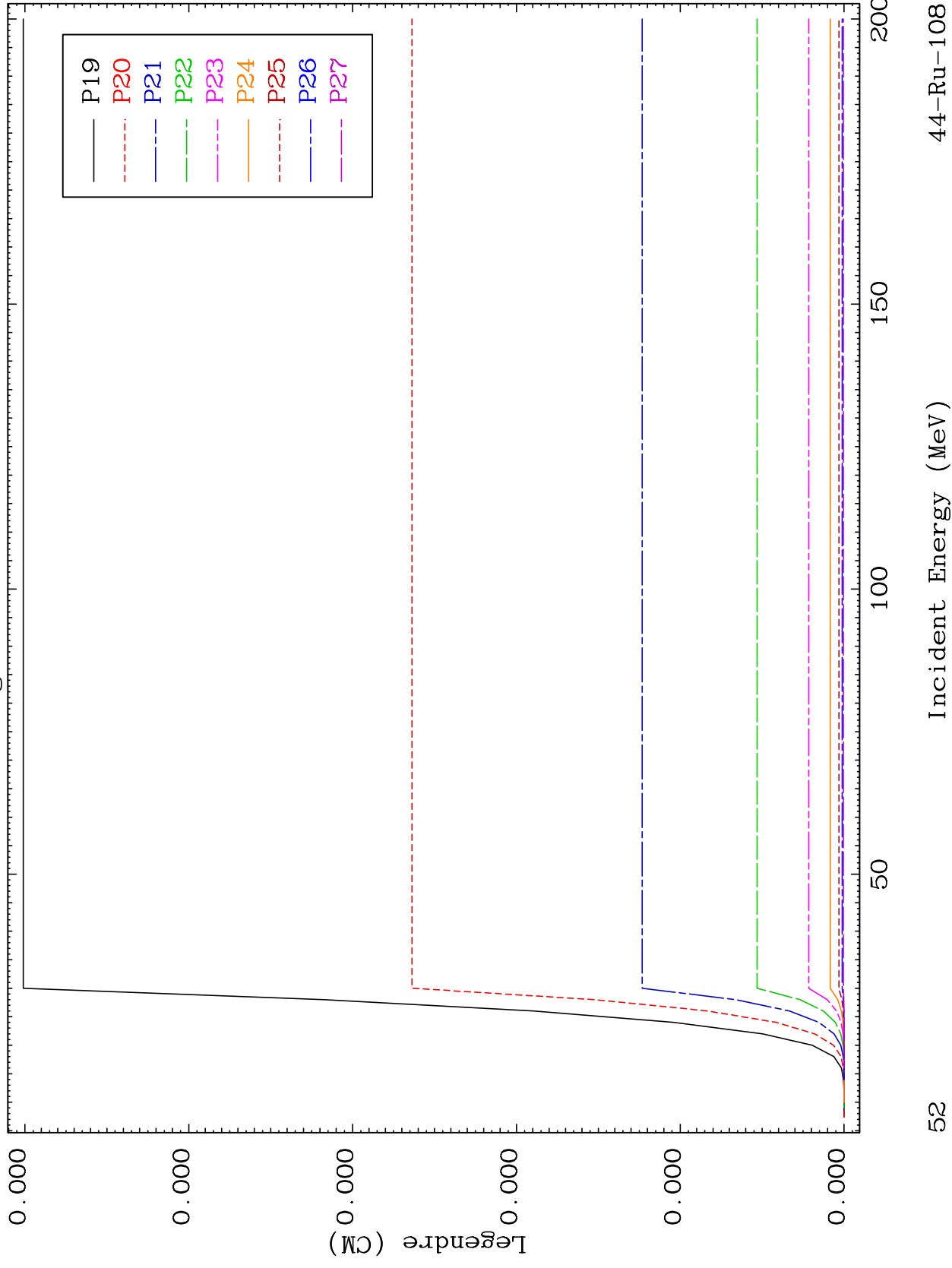
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.249 MeV (n, n') Level
Legendre Coefficients

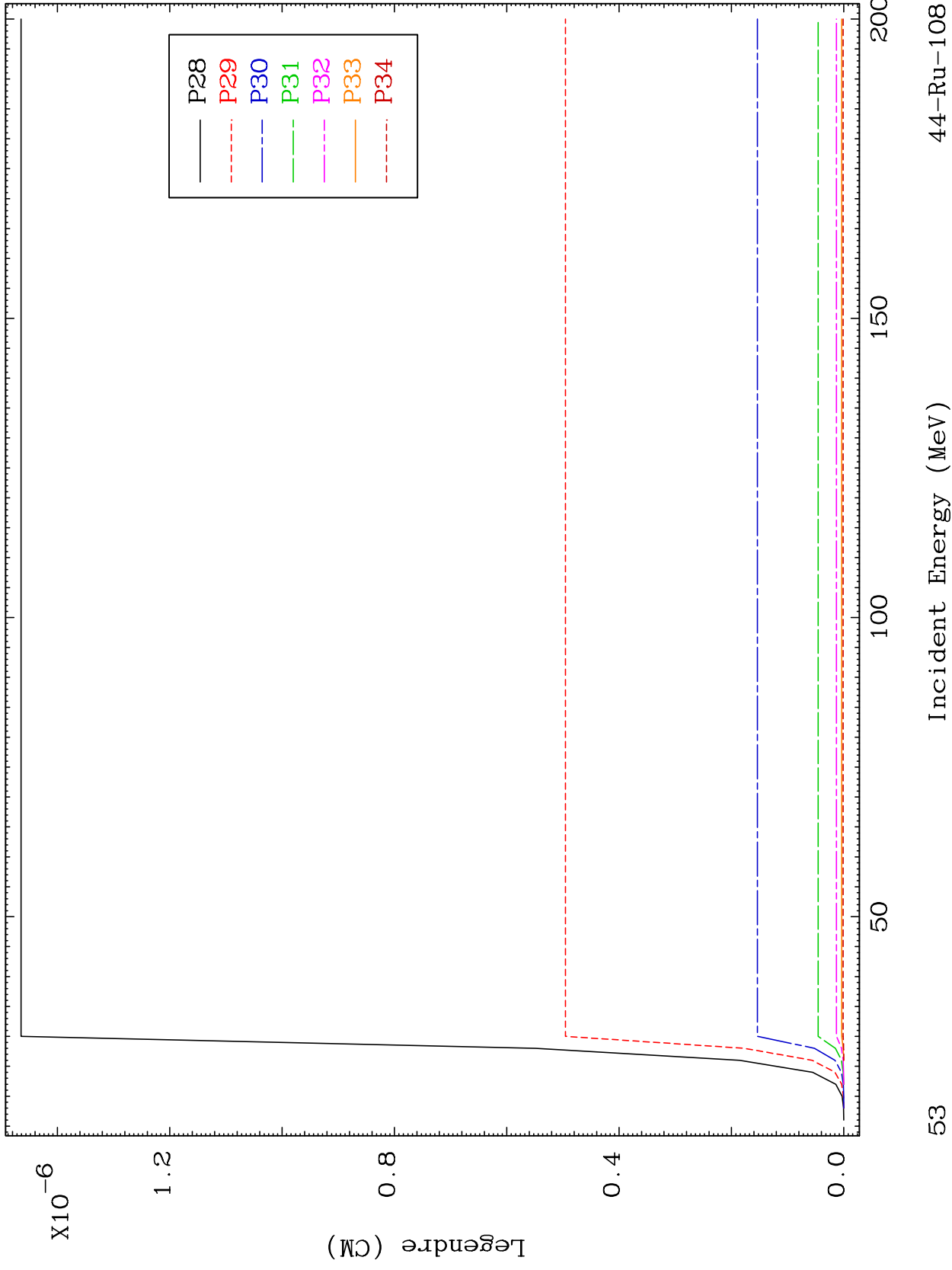
44-Ru-108



52

Incident Energy (MeV)

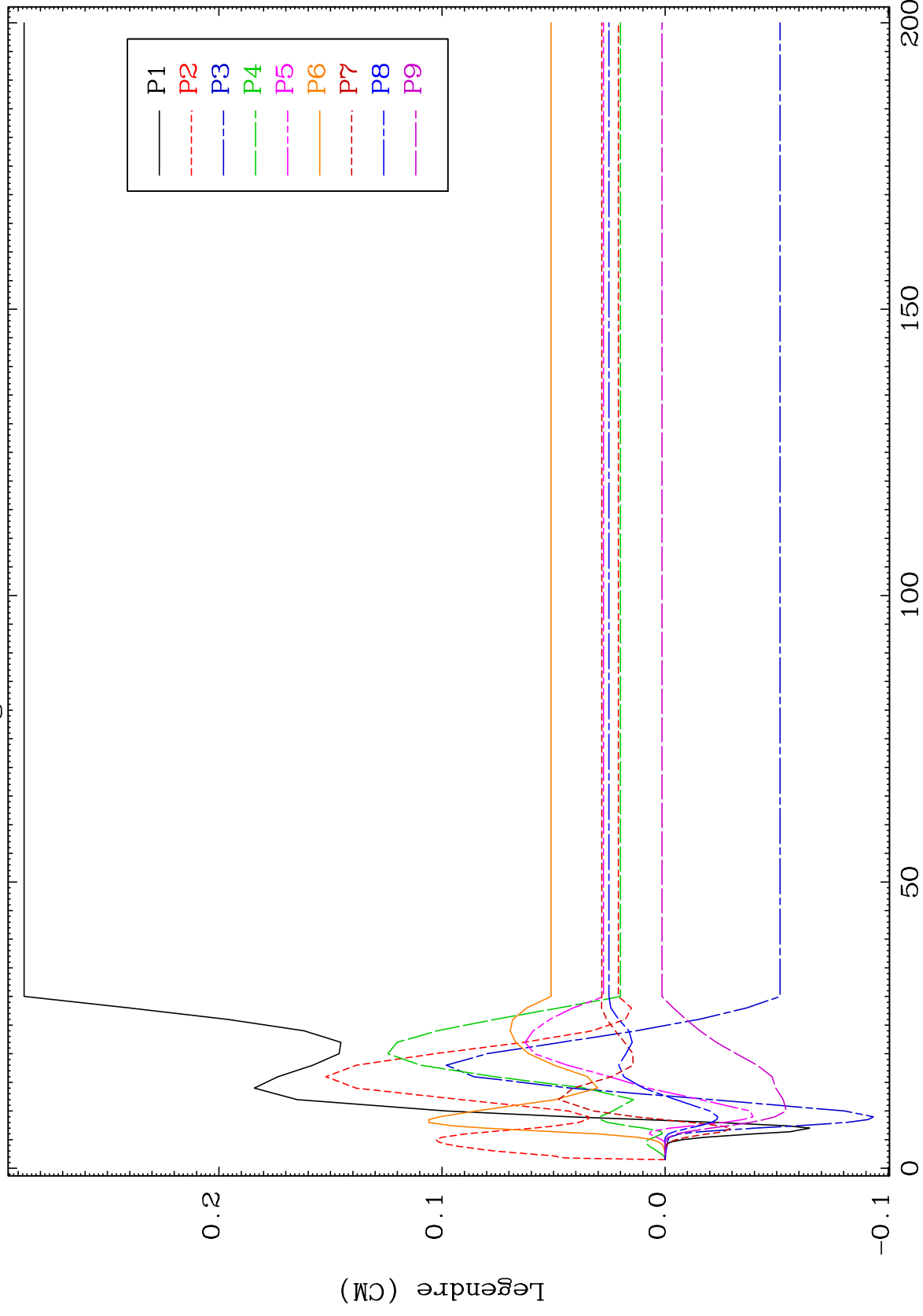
44-Ru-108



MAT 4461

1.486 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



54

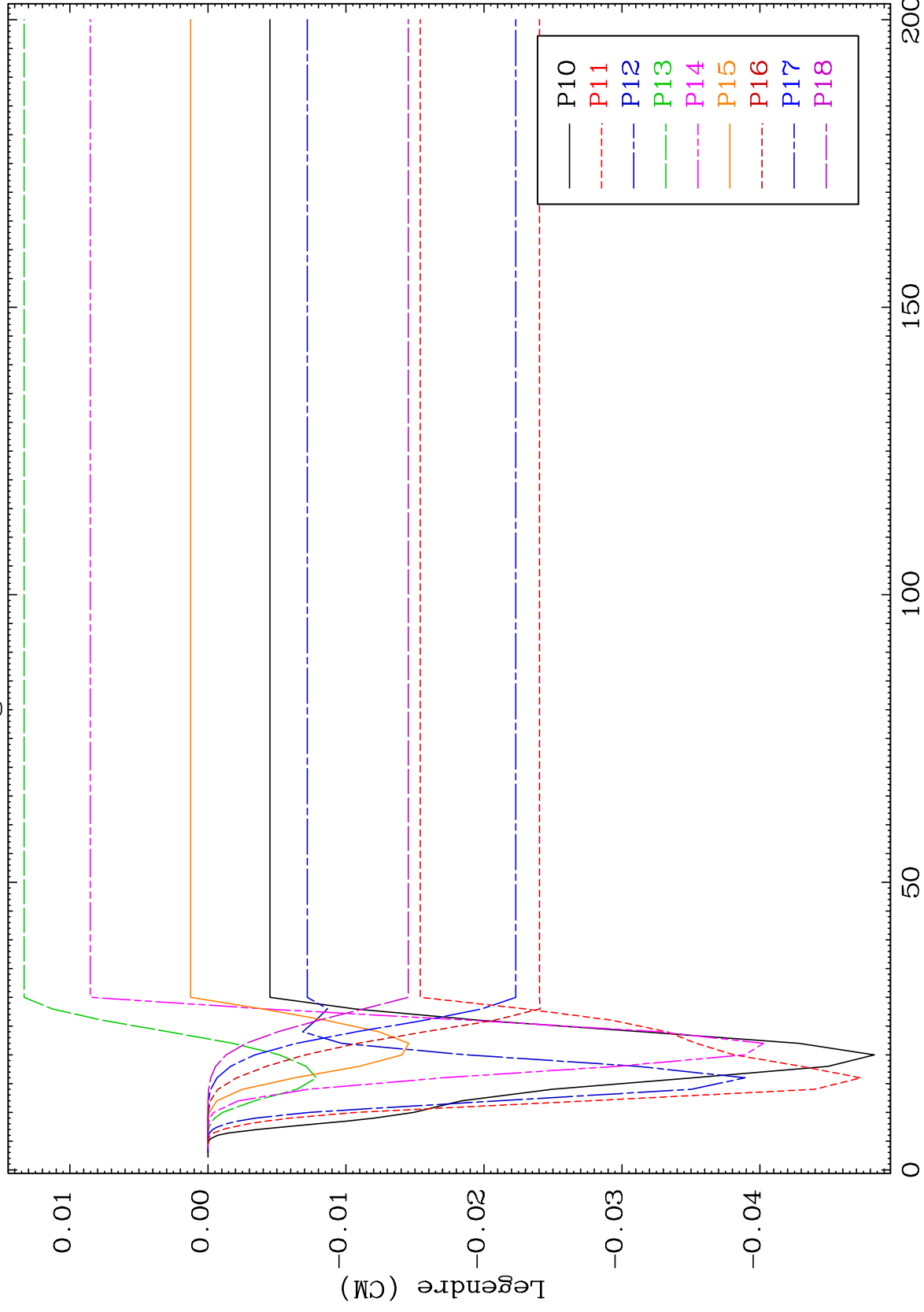
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.486 MeV (n,n') Level
Legendre Coefficients

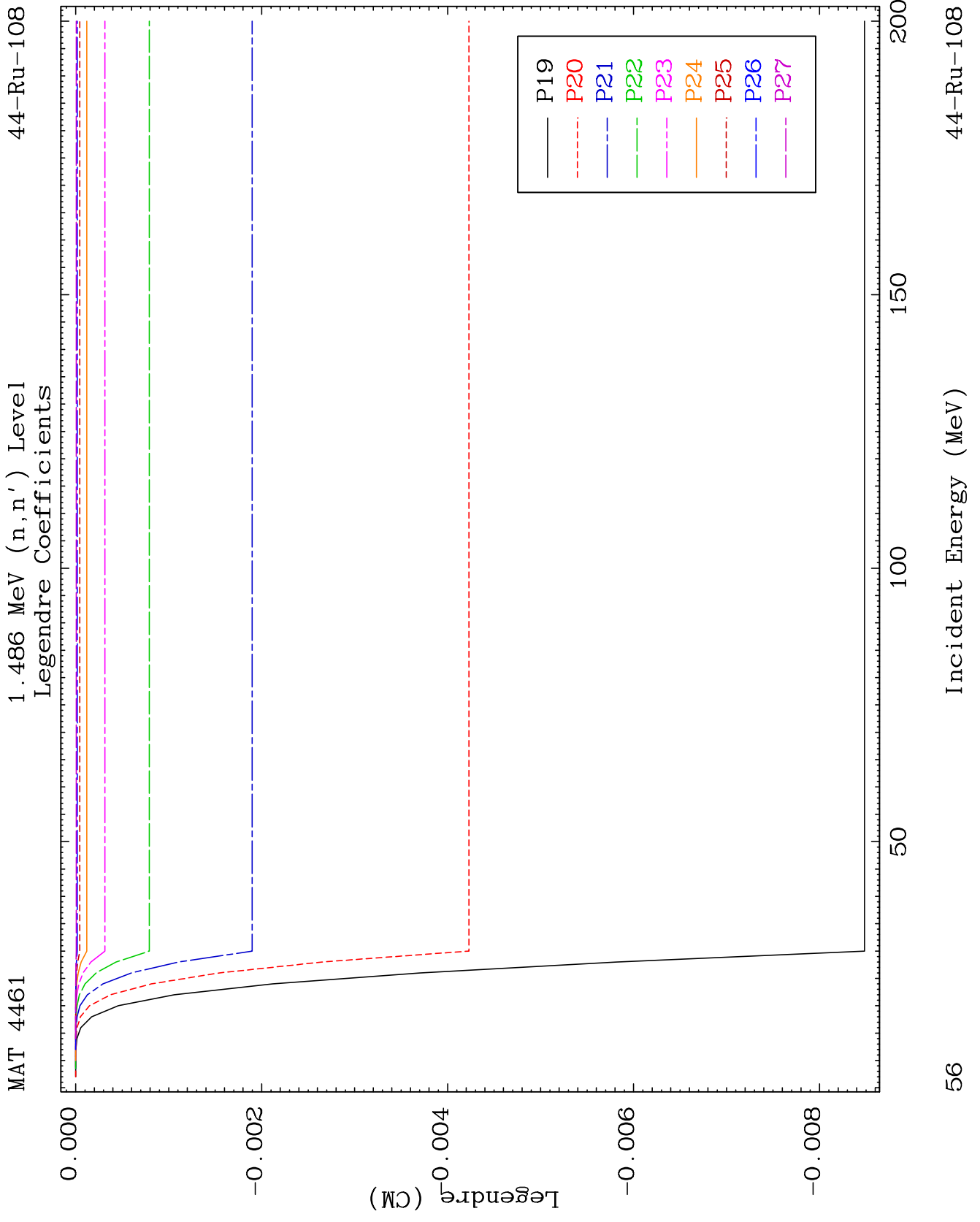
44-Ru-108

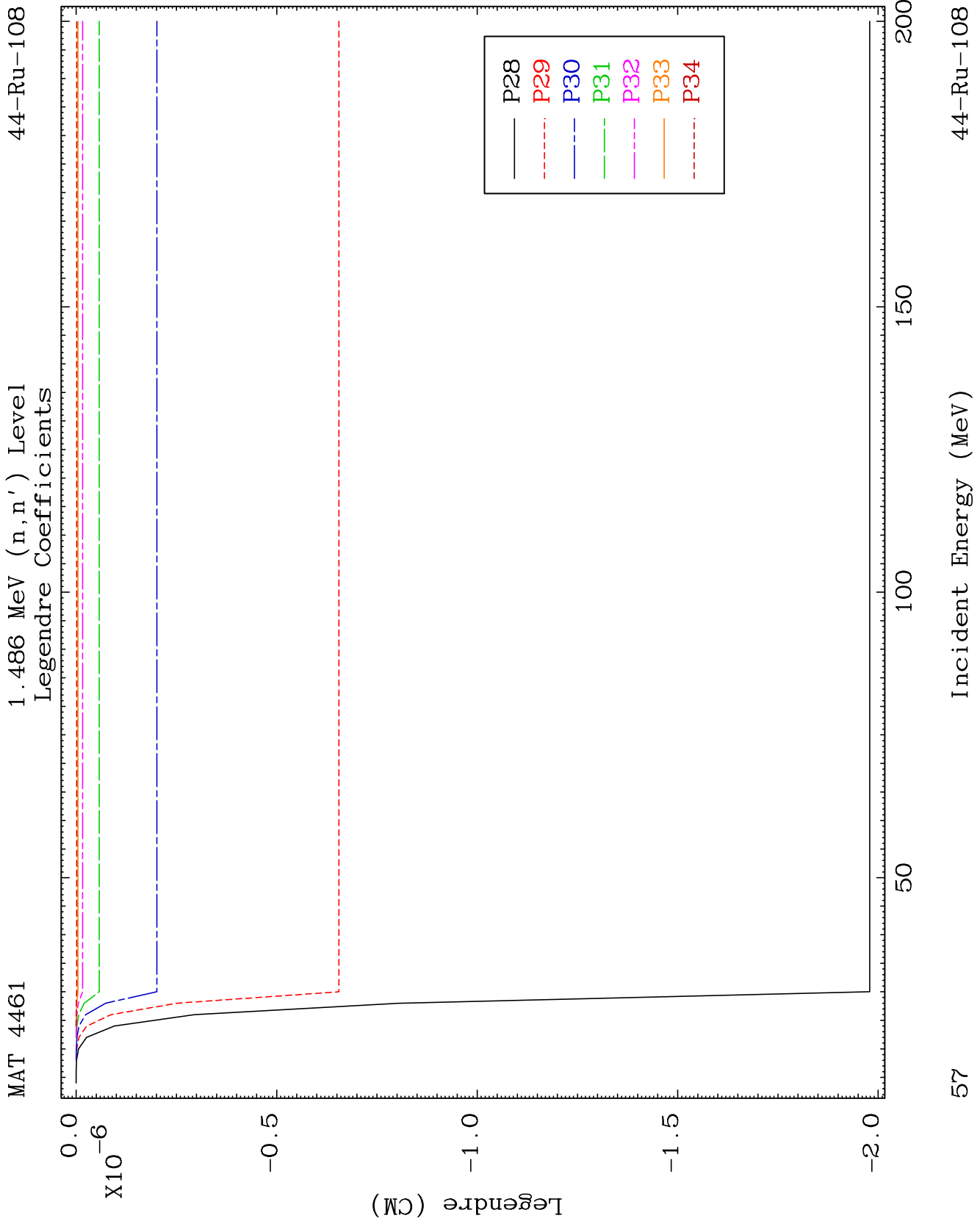


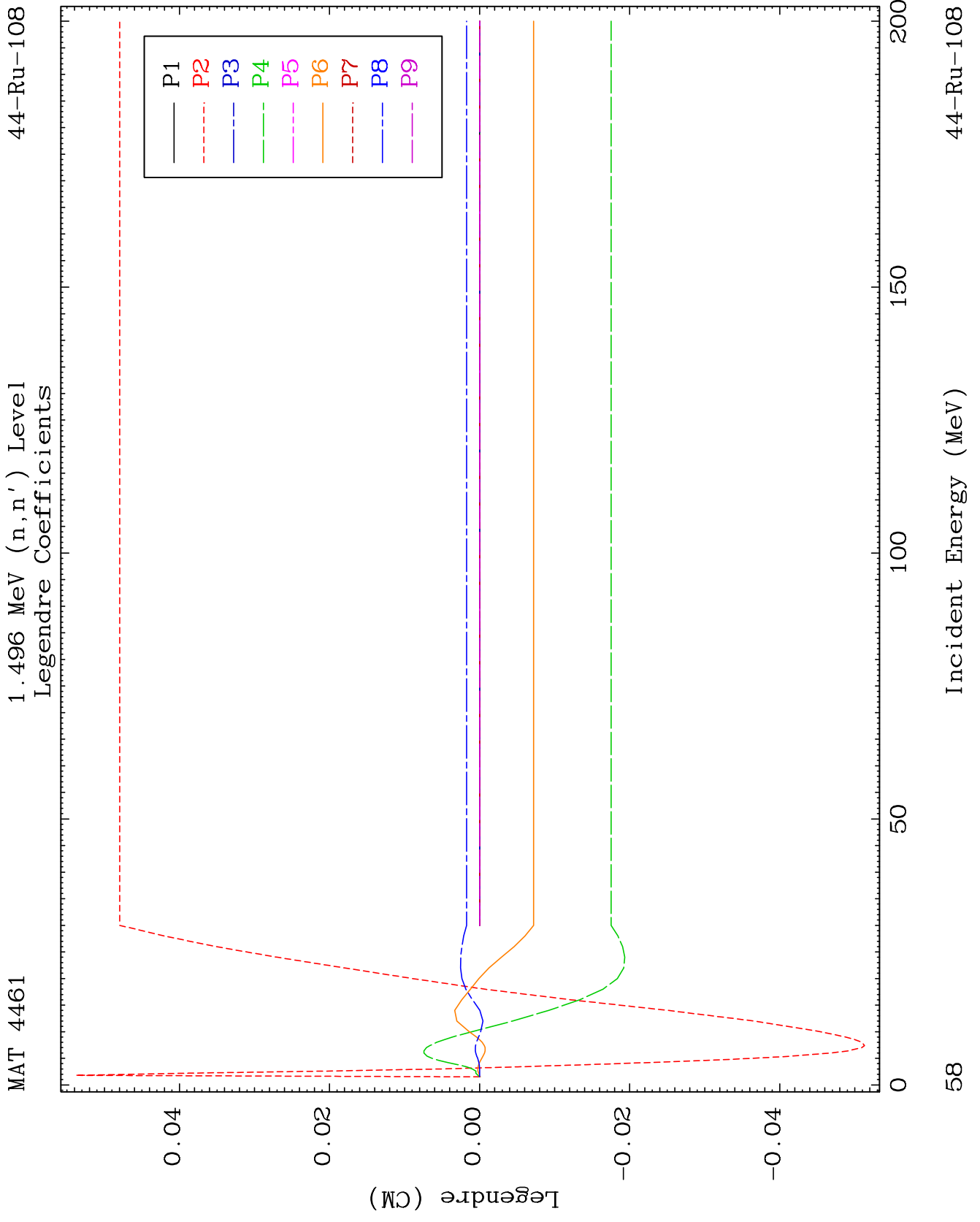
55

Incident Energy (MeV)

44-Ru-108



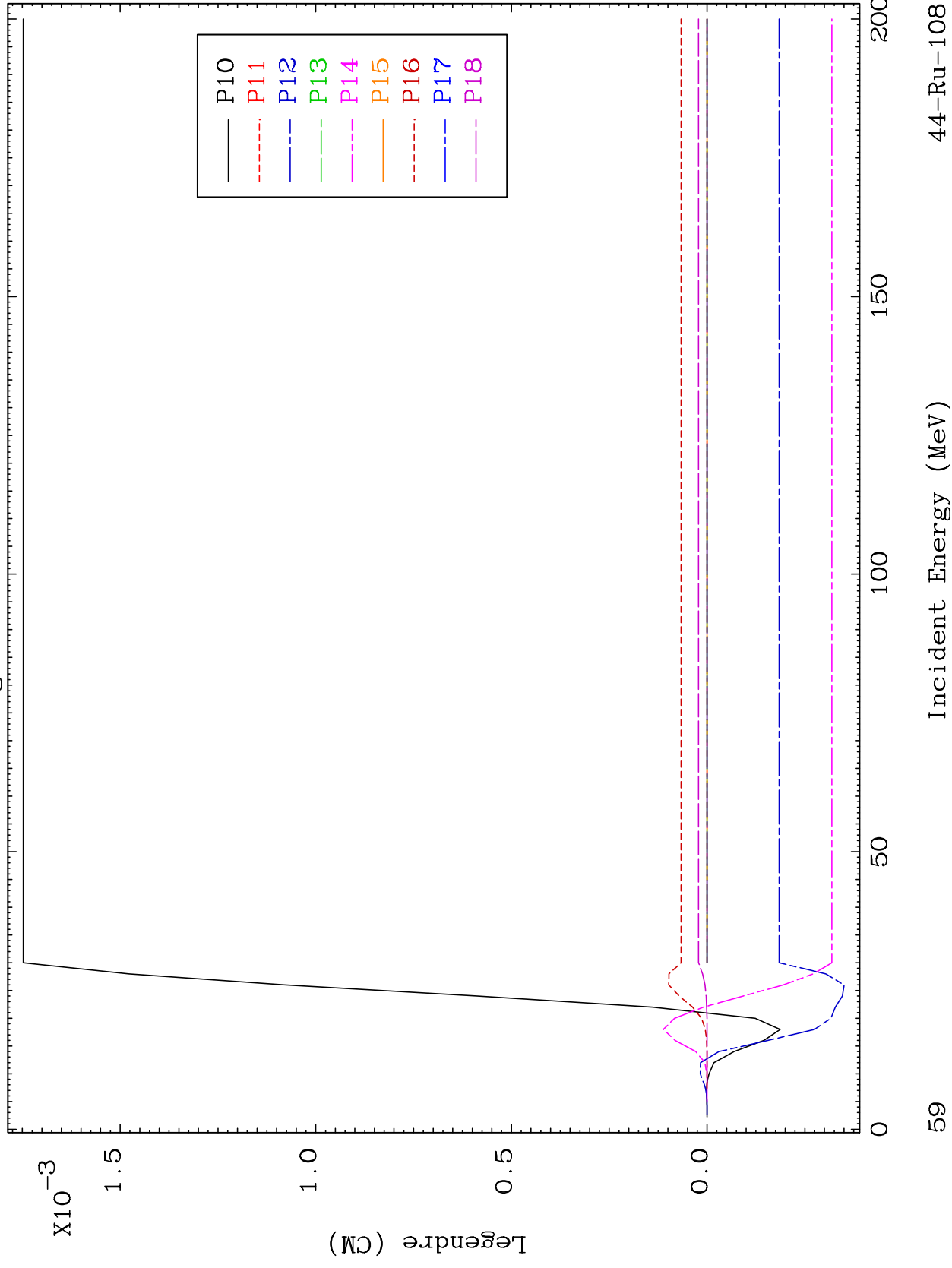




MAT 4461

1.496 MeV (n,n') Level
Legendre Coefficients

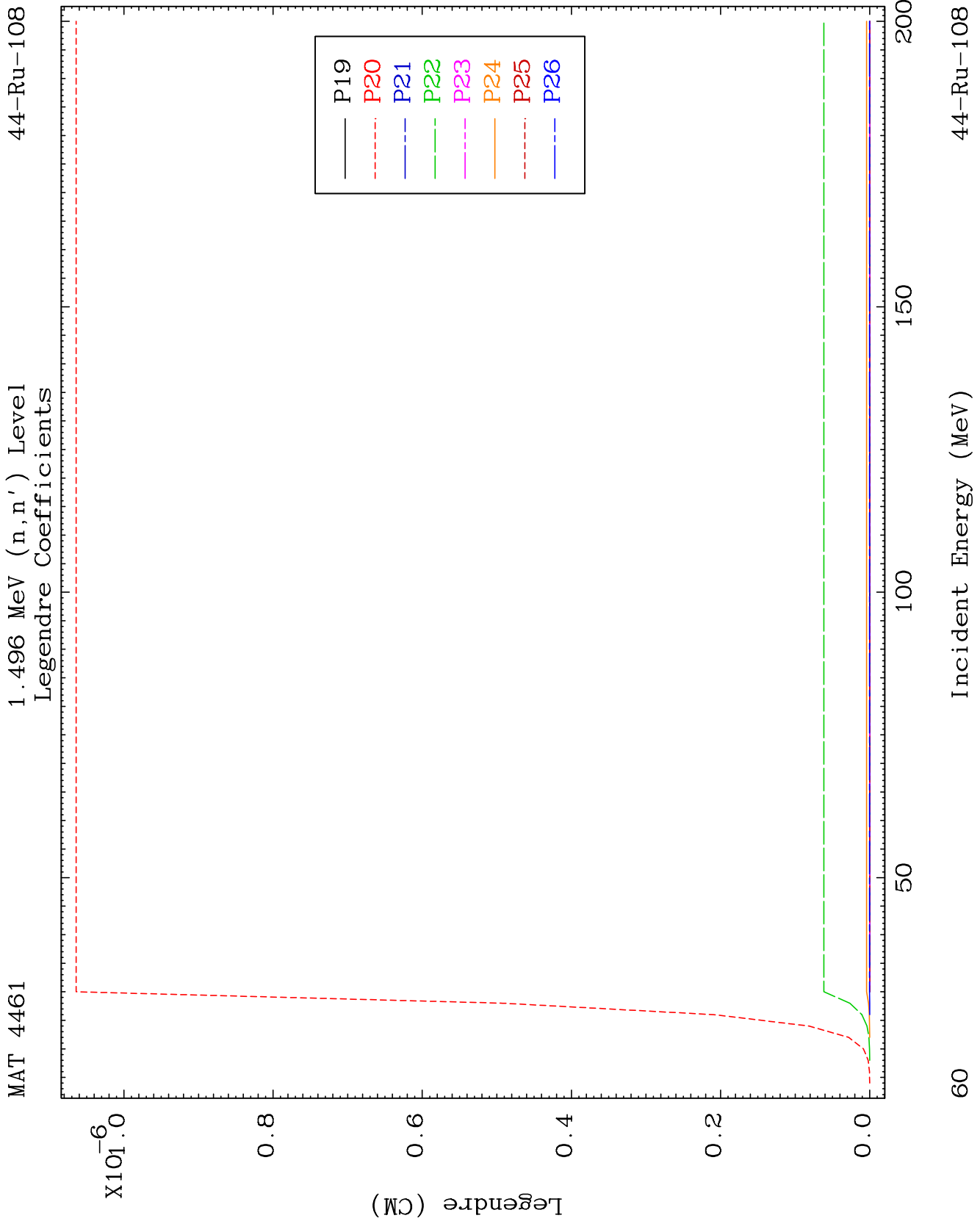
44-Ru-108



59

Incident Energy (MeV)

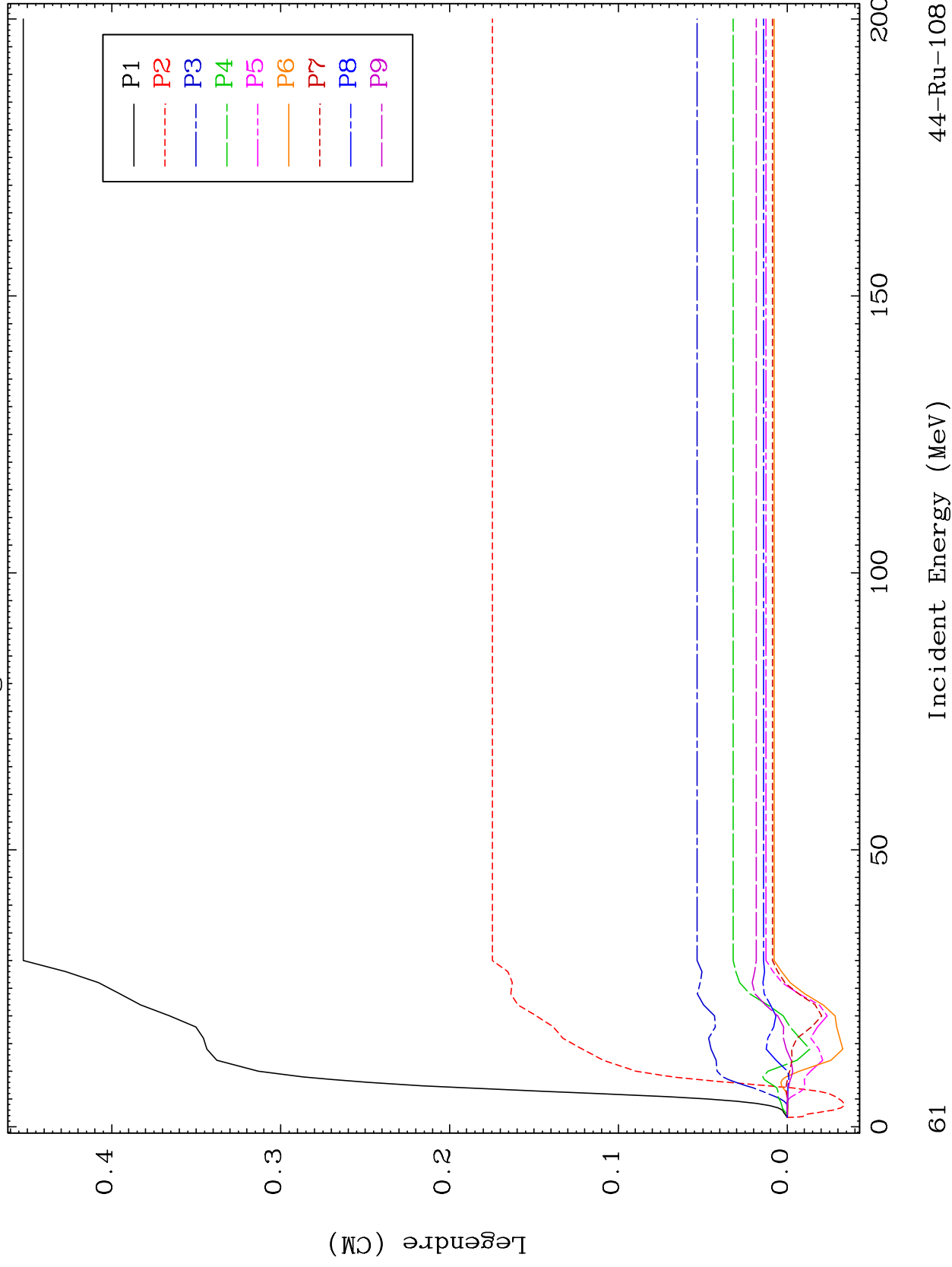
44-Ru-108



MAT 4461

1.644 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



44-Ru-108

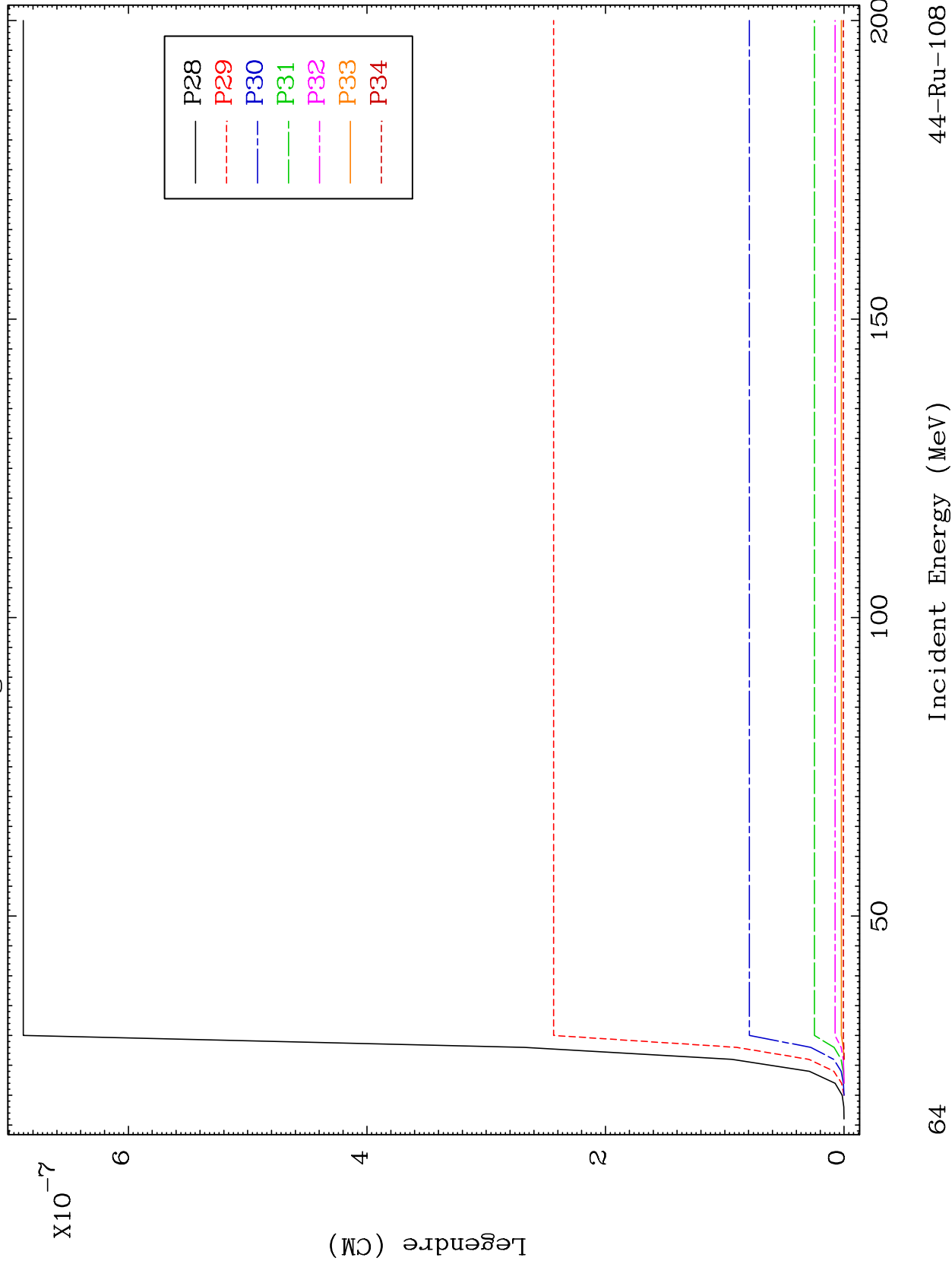
Incident Energy (MeV)

61

MAT 4461

1.644 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



64

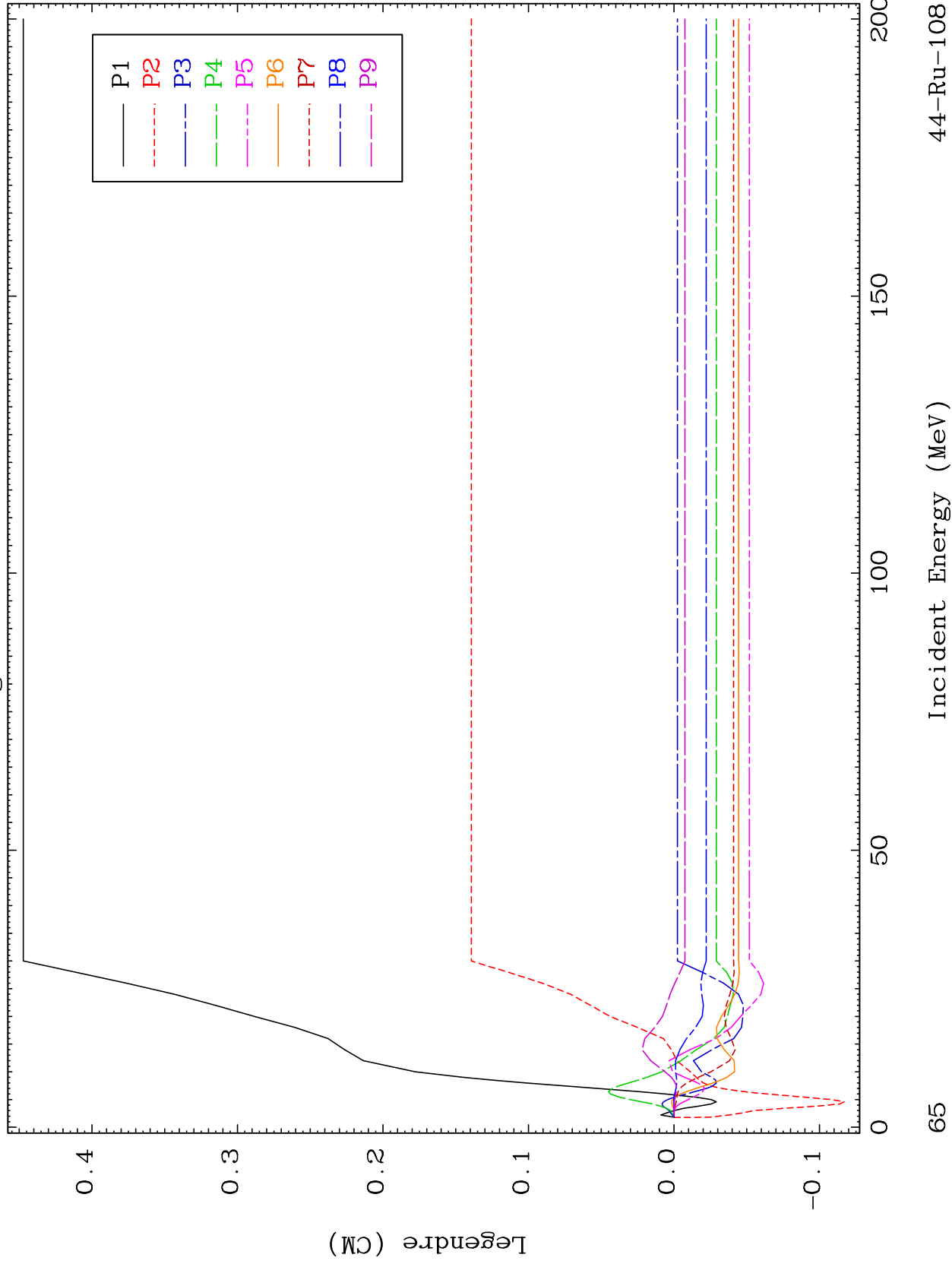
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.741 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



44-Ru-108

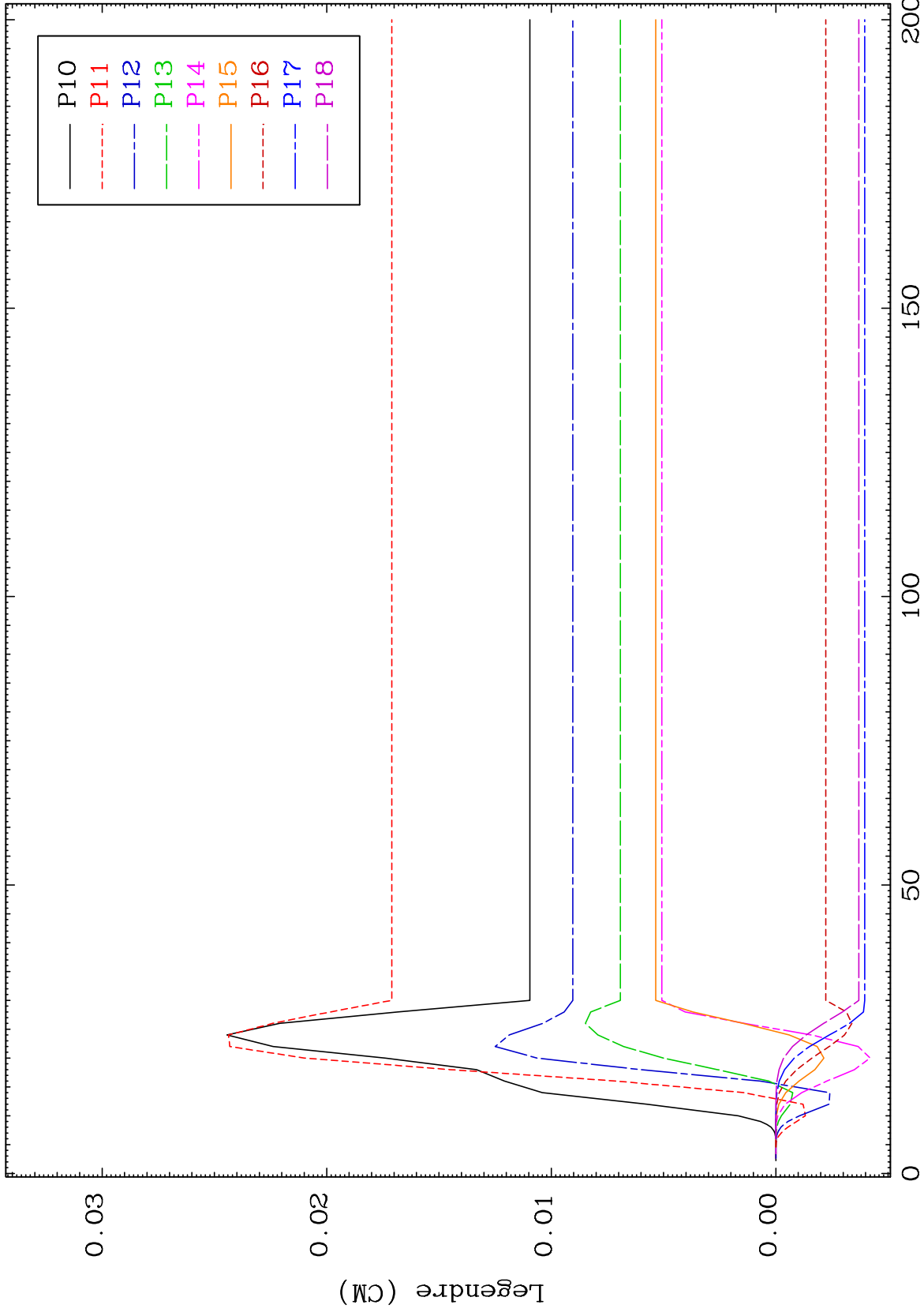
Incident Energy (MeV)

65

MAT 4461

1.741 MeV (n,n') Level
Legendre Coefficients

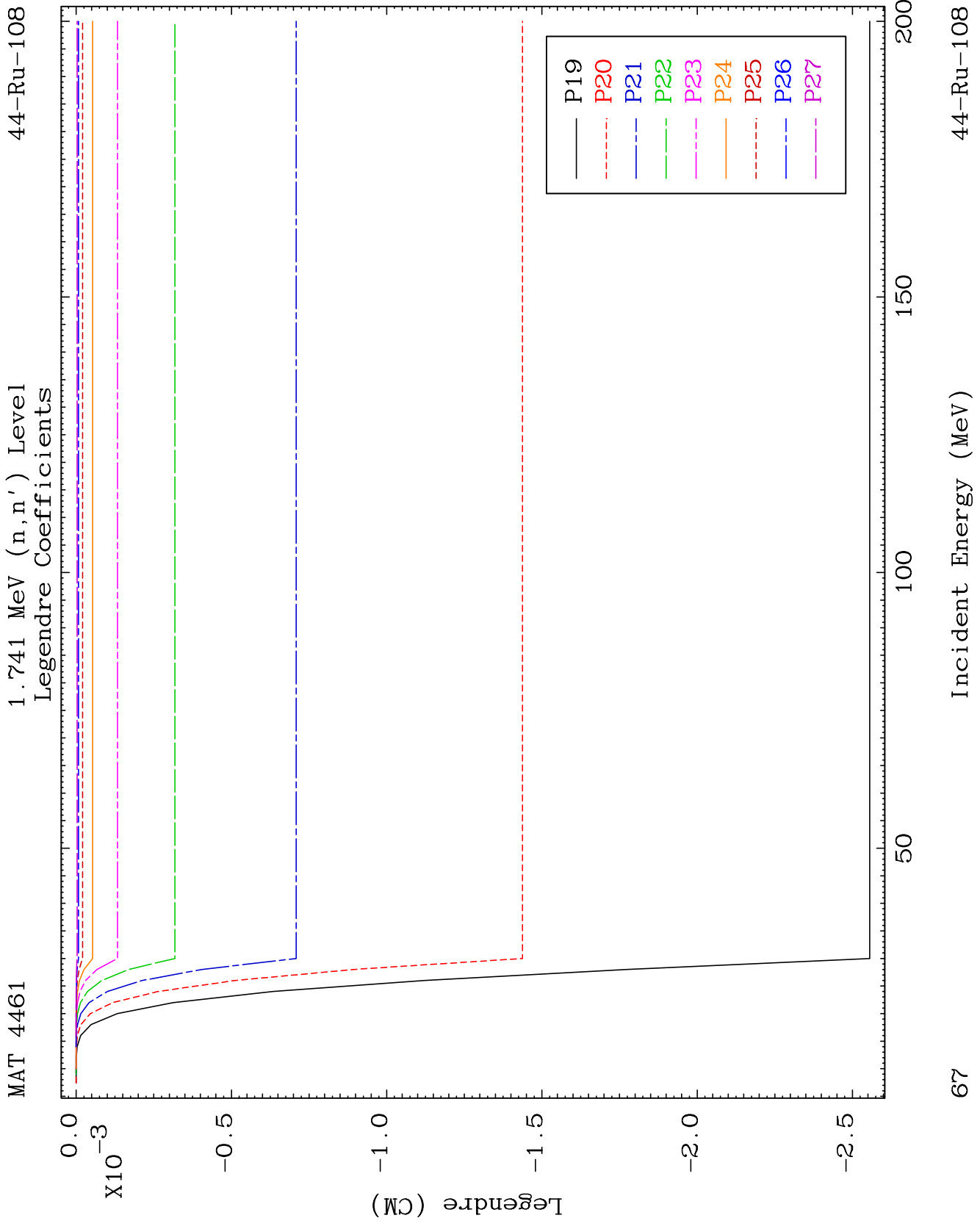
44-Ru-108

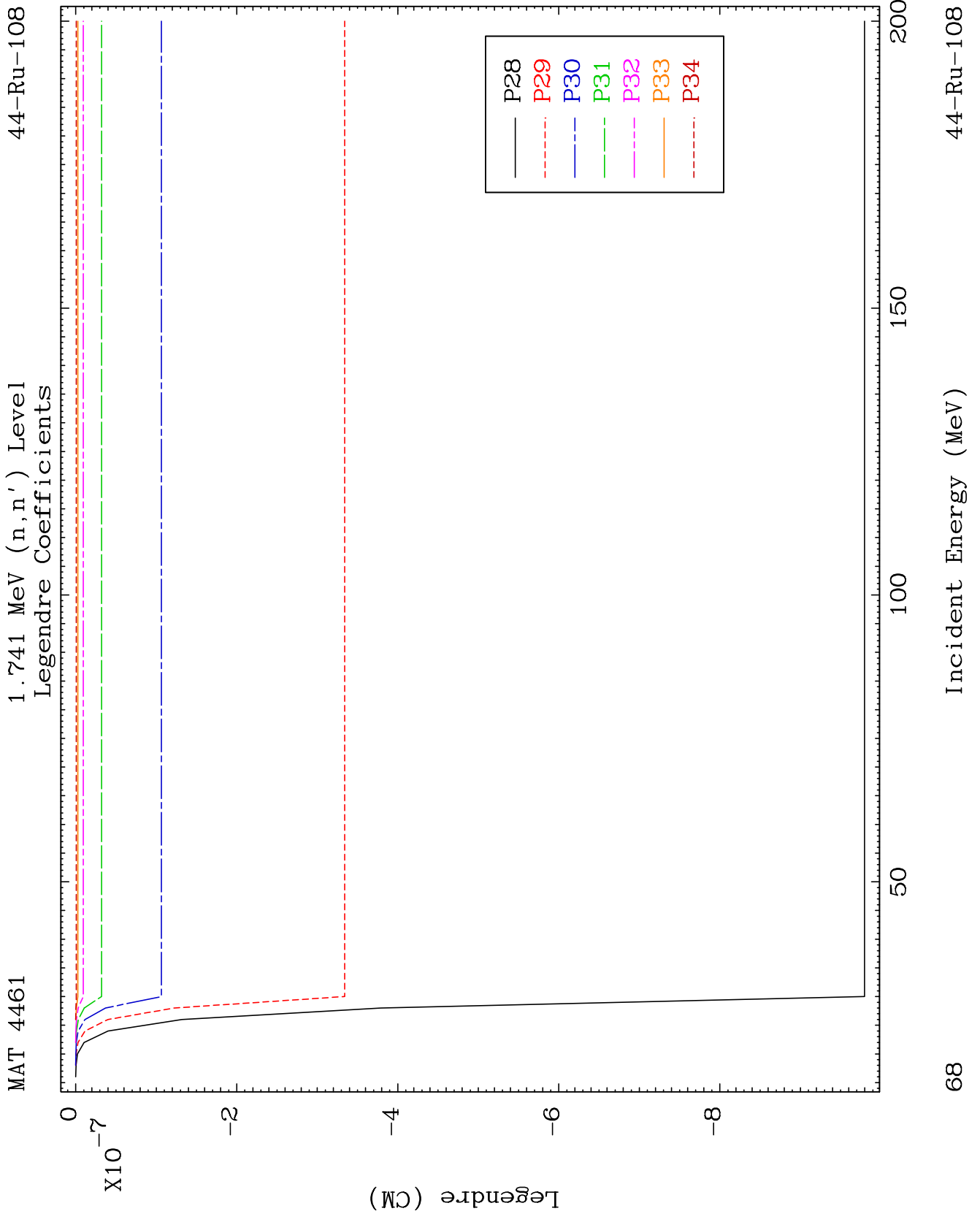


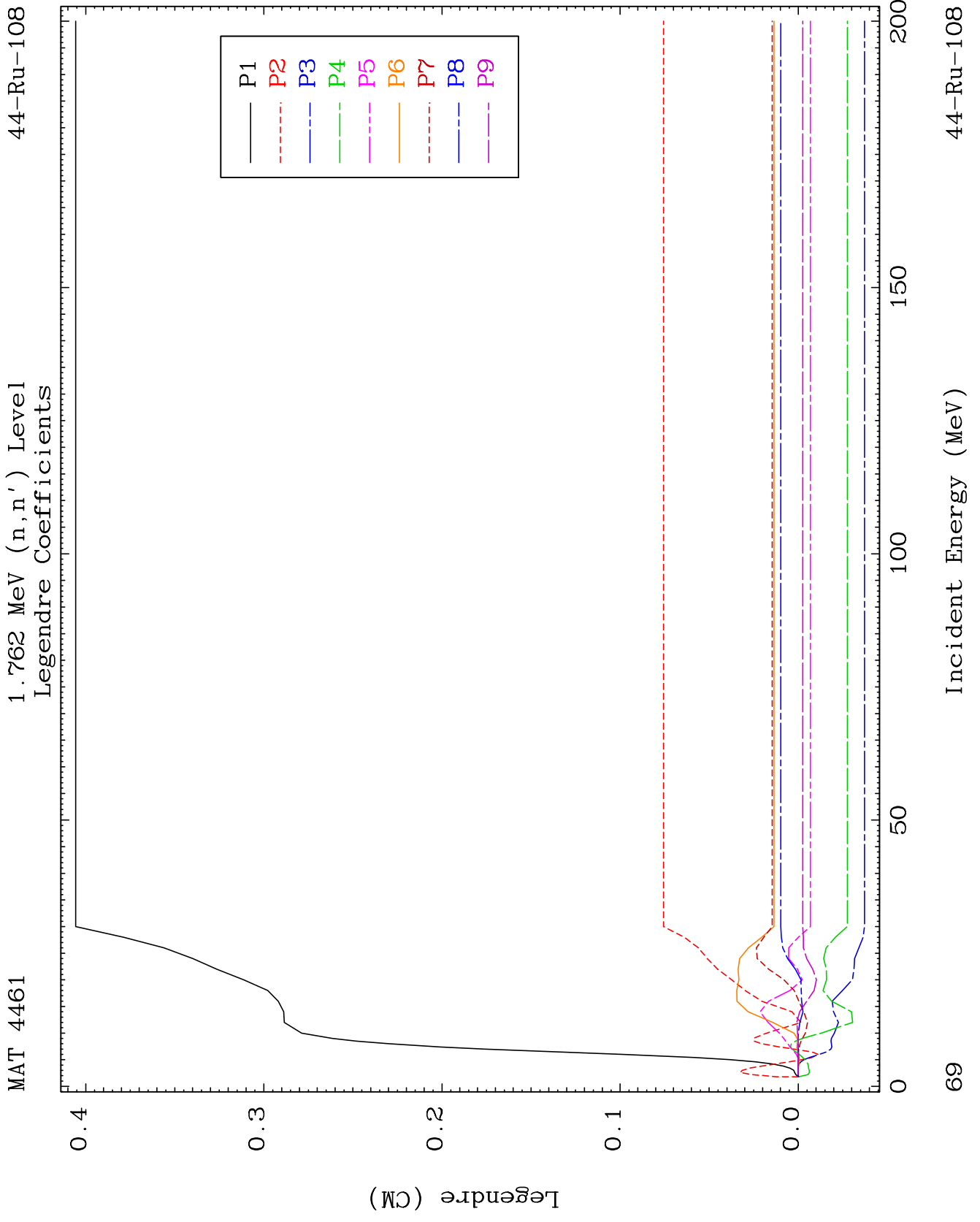
66

Incident Energy (MeV)

44-Ru-108



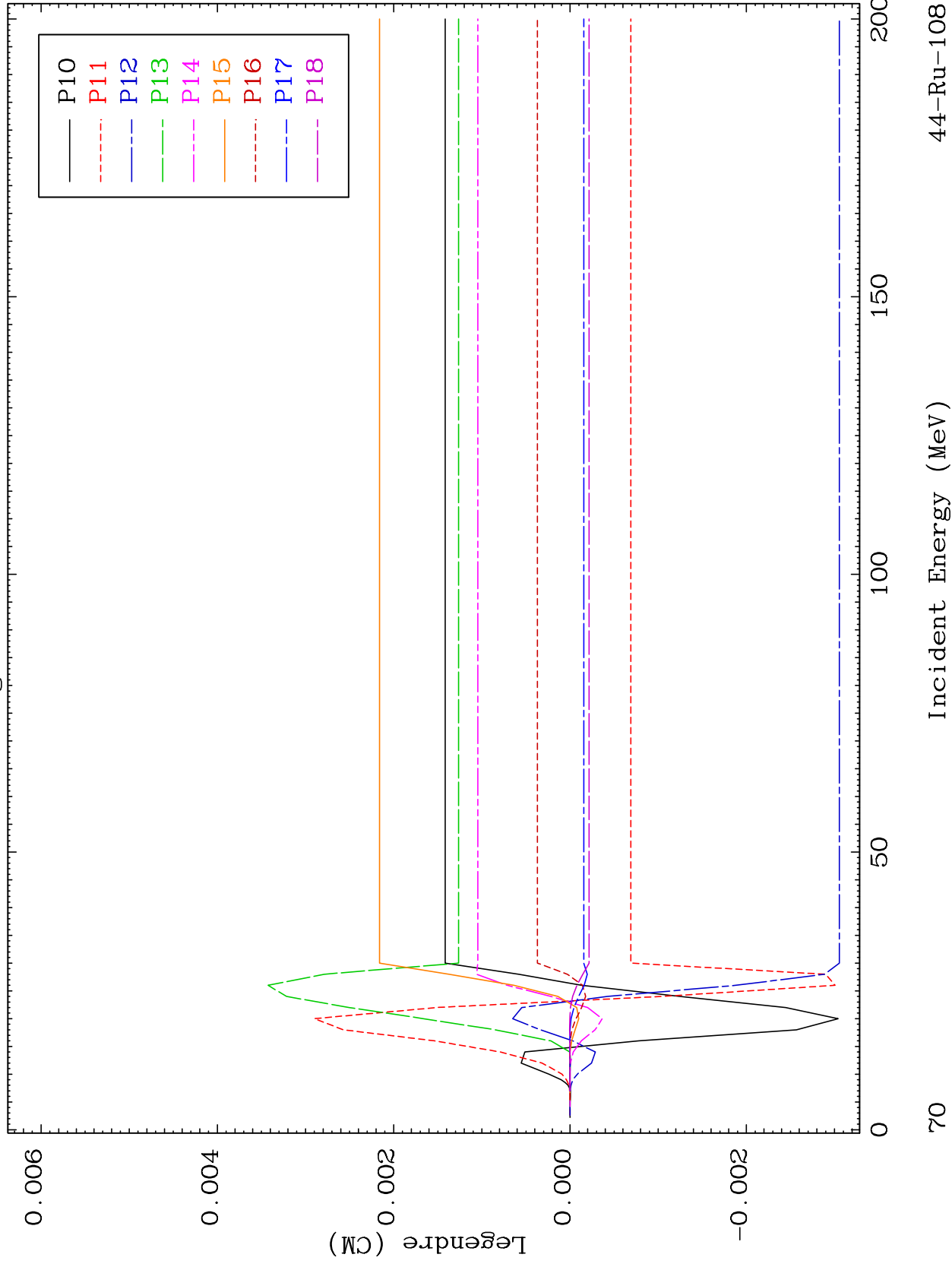




MAT 4461

1.762 MeV (n,n') Level
Legendre Coefficients

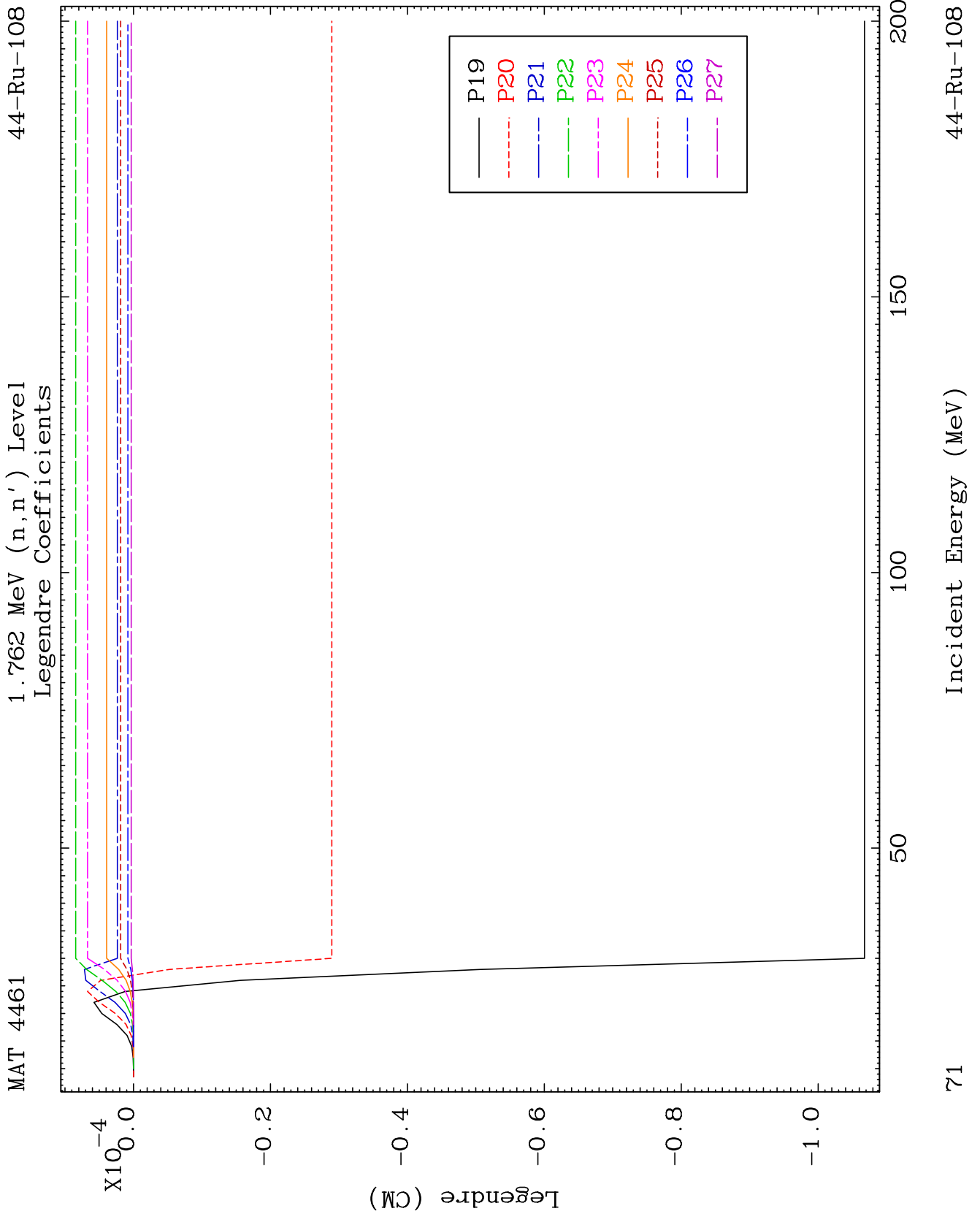
44-Ru-108



44-Ru-108

Incident Energy (MeV)

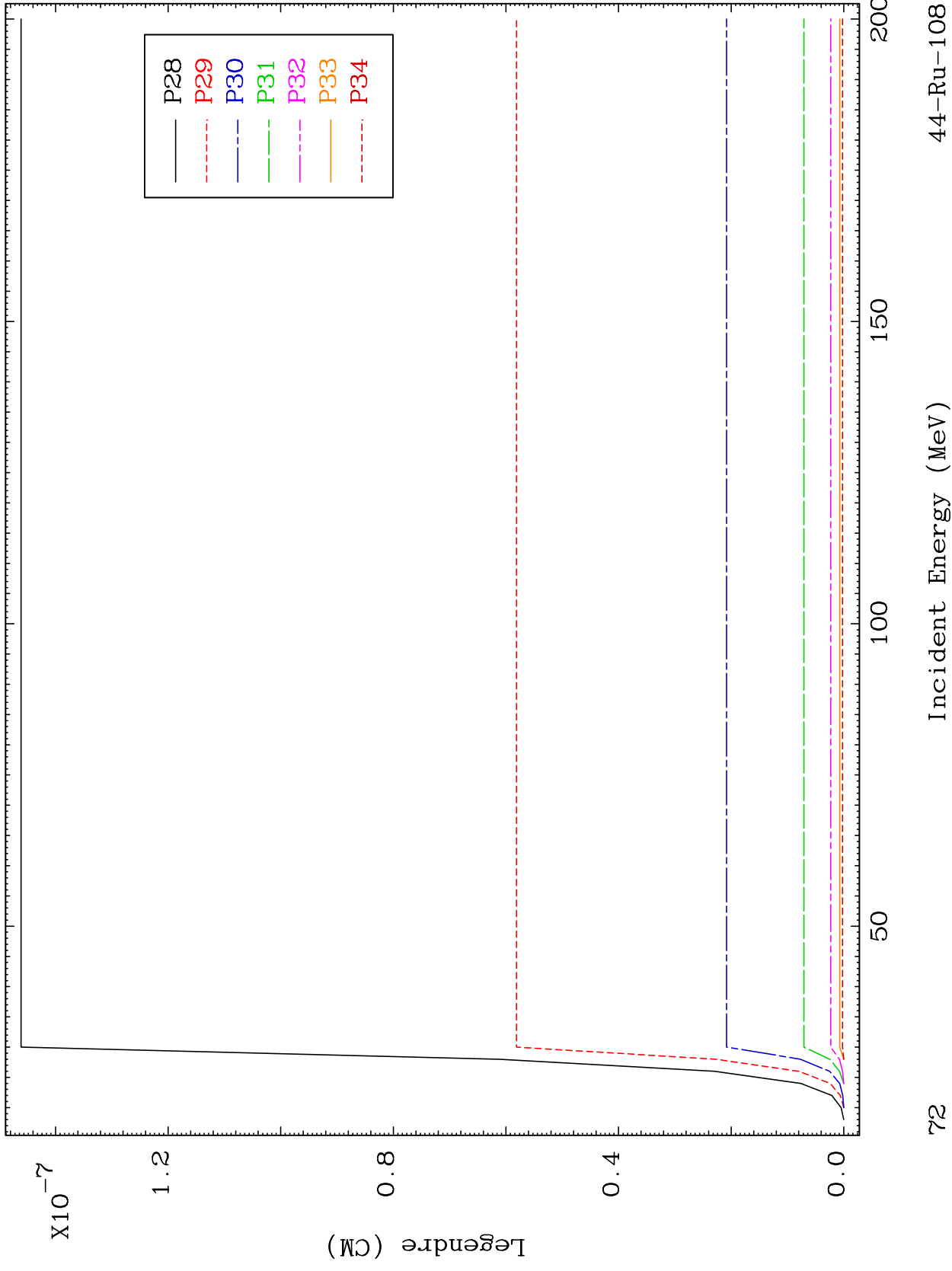
70



MAT 4461

1.762 MeV (n,n') Level
Legendre Coefficients

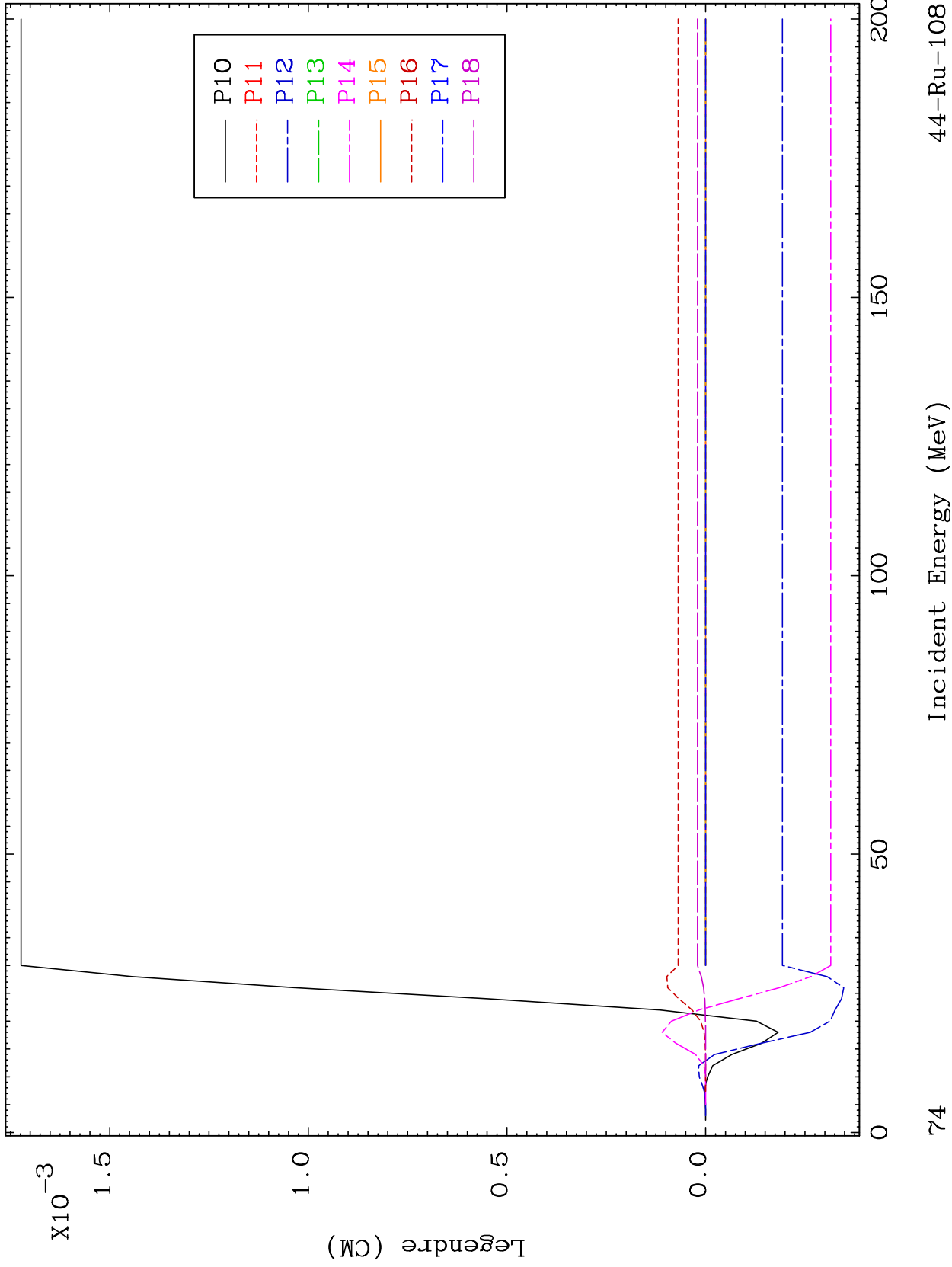
44-Ru-108



MAT 4461

1.826 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



74

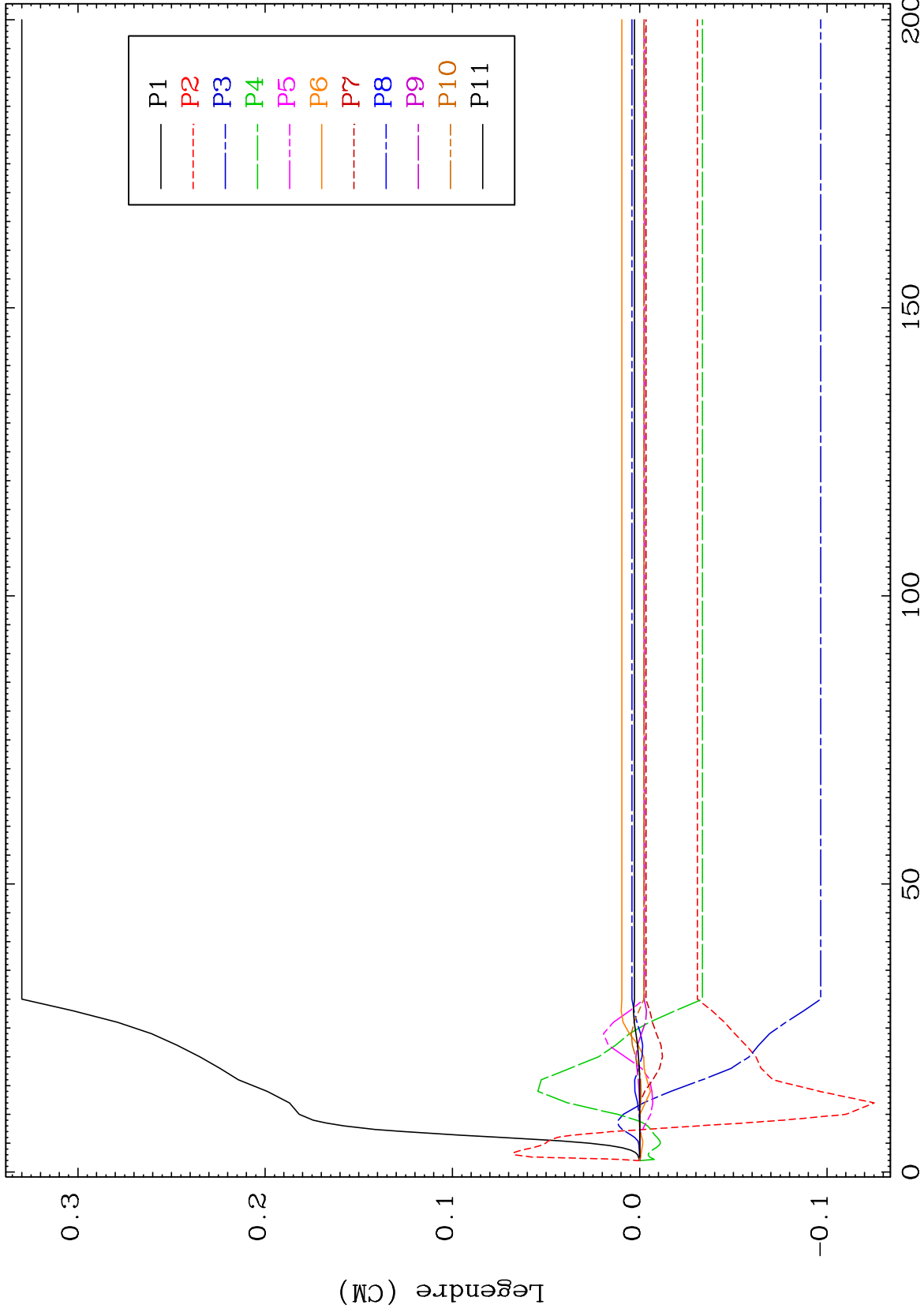
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.942 MeV (n, n') Level
Legendre Coefficients

44-Ru-108



76

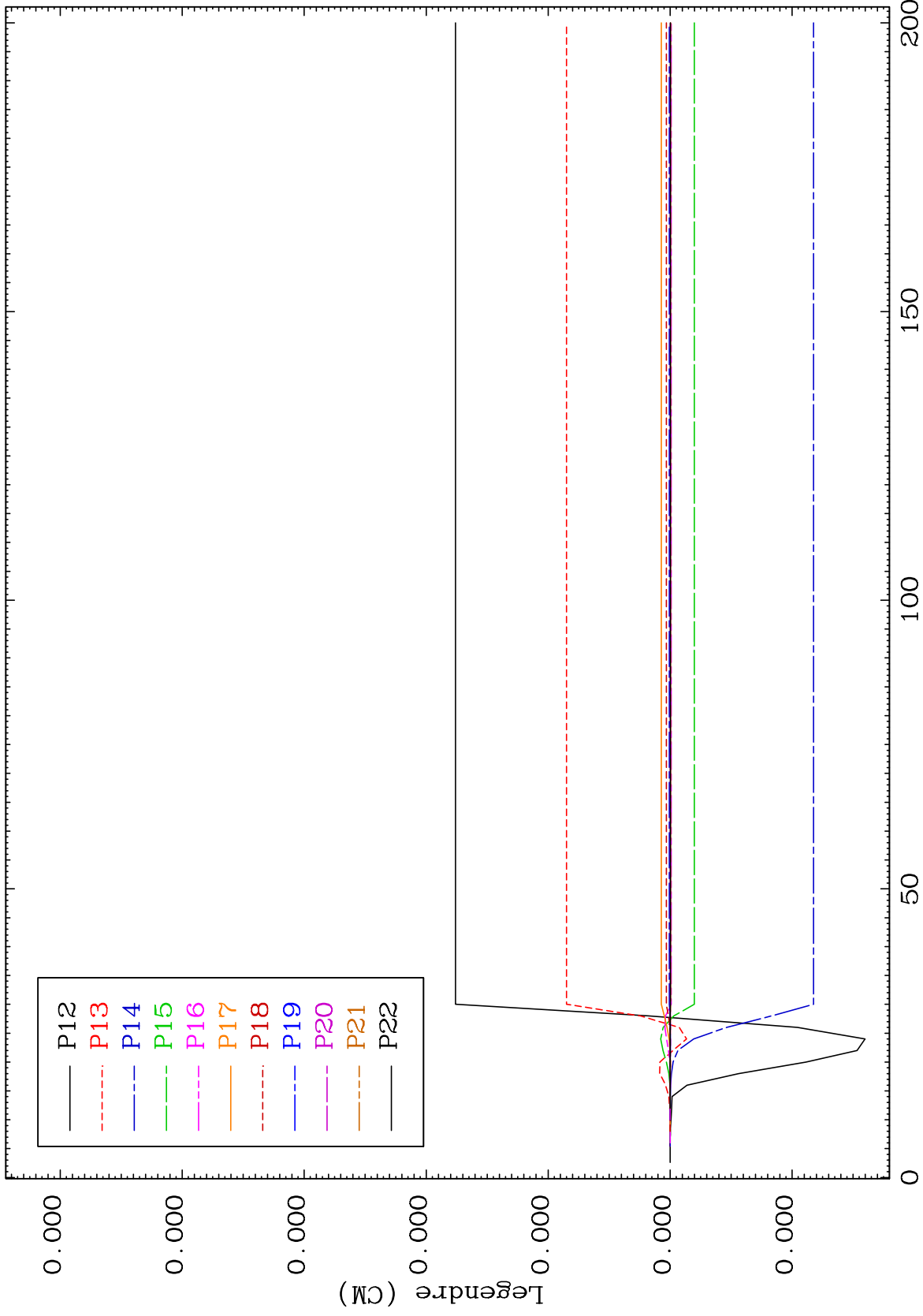
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.942 MeV (n,n') Level
Legendre Coefficients

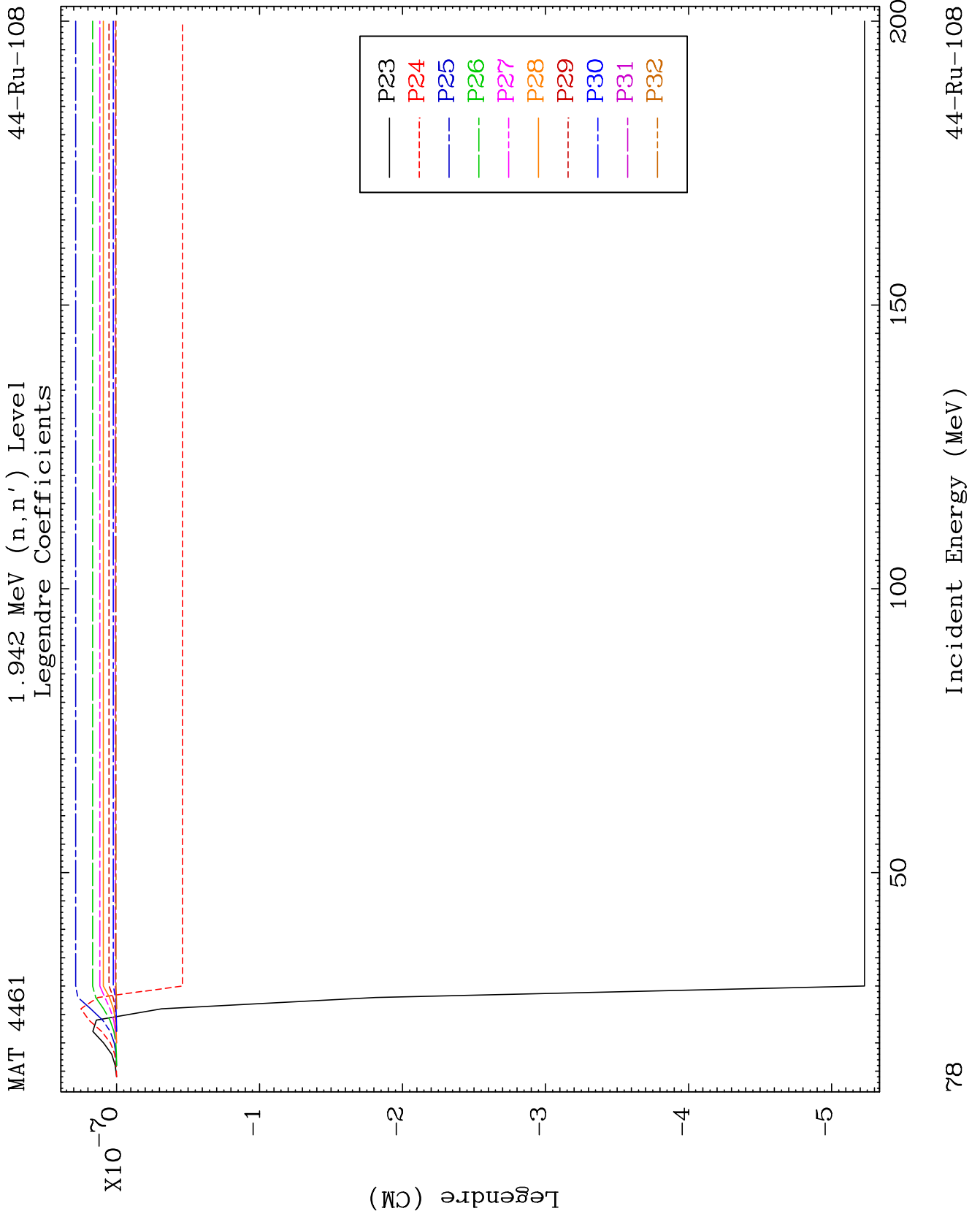
44-Ru-108



77

Incident Energy (MeV)

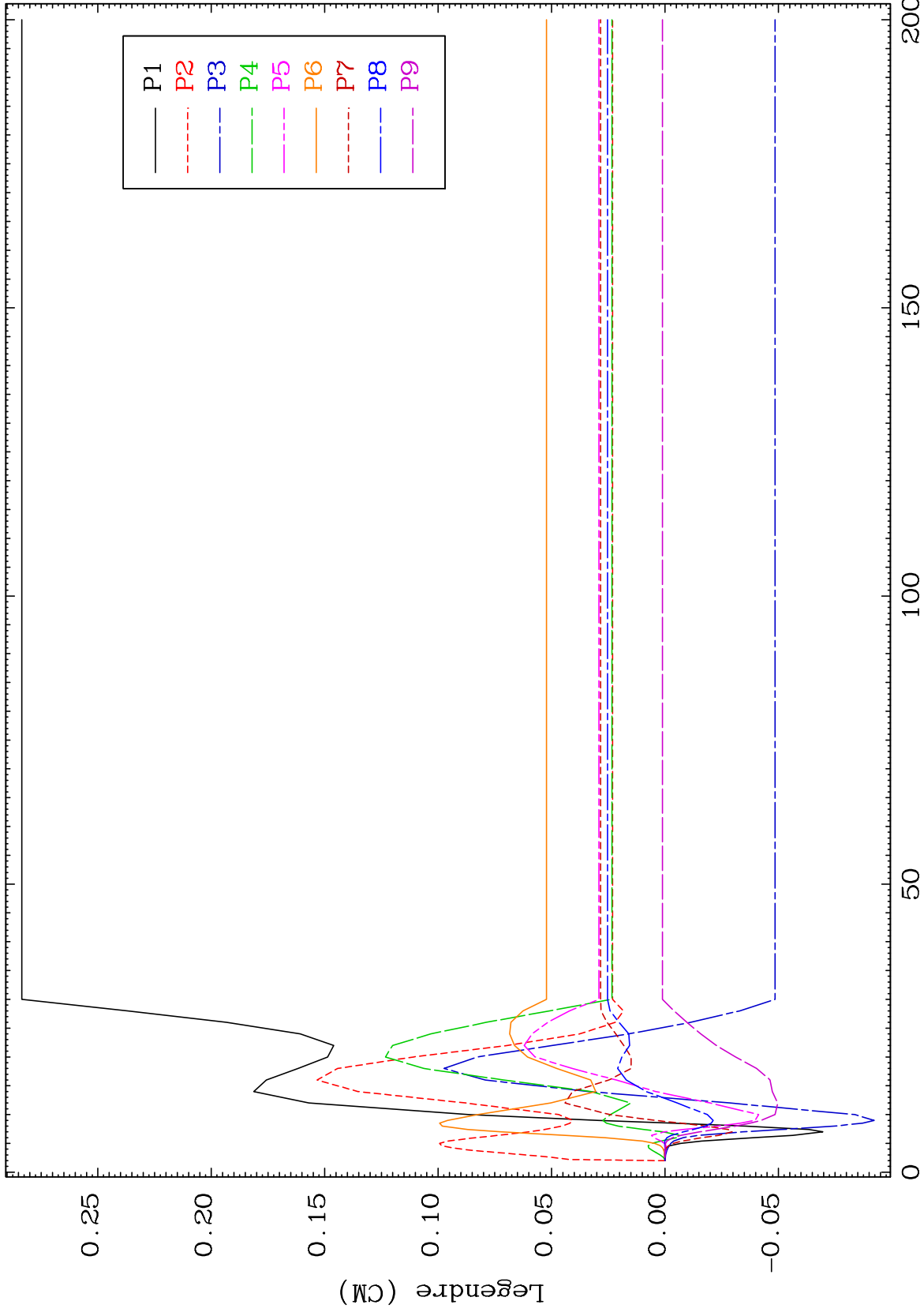
44-Ru-108



MAT 4461

1.973 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



79

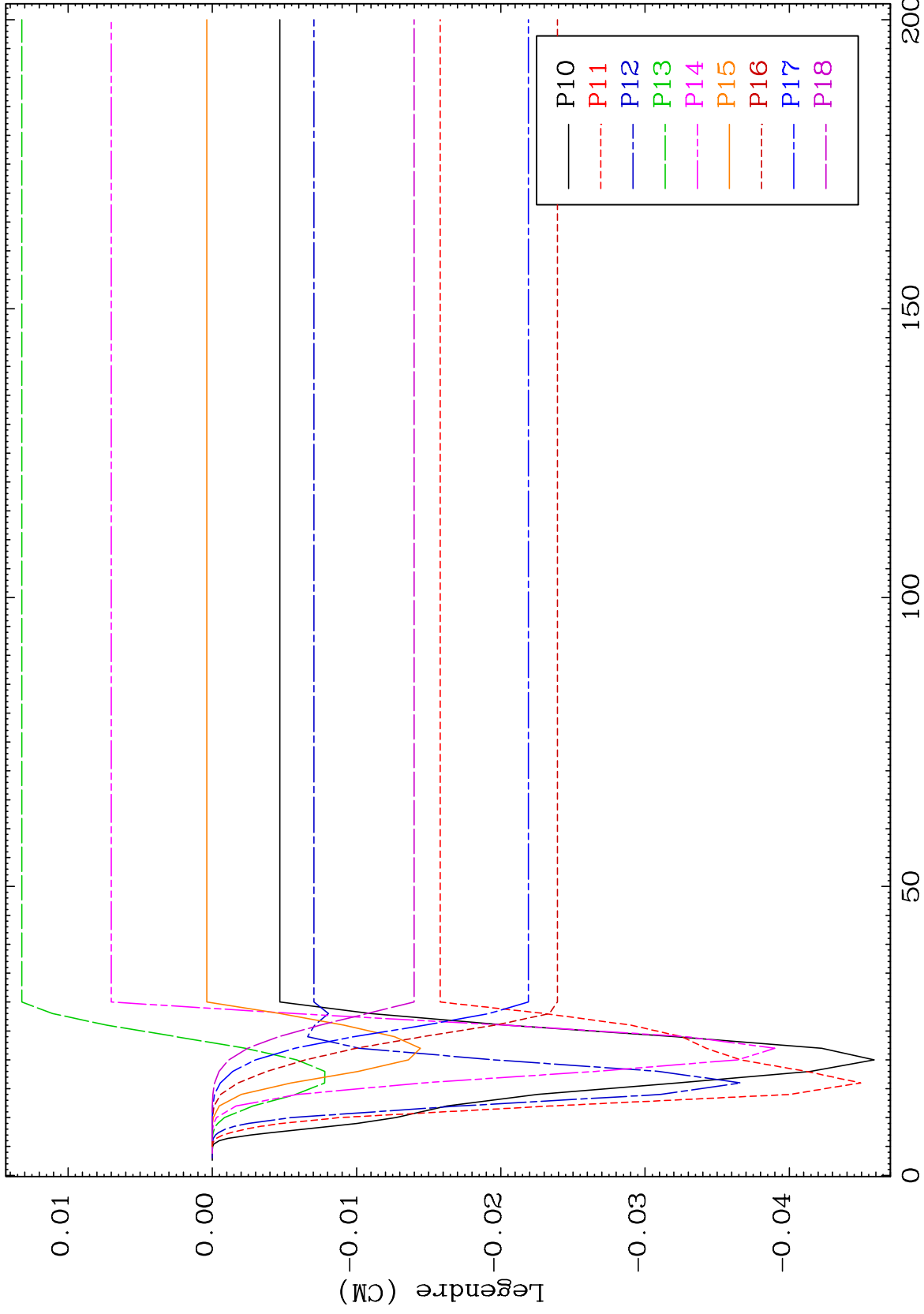
Incident Energy (MeV)

44-Ru-108

MAT 4461

1.973 MeV (n,n') Level
Legendre Coefficients

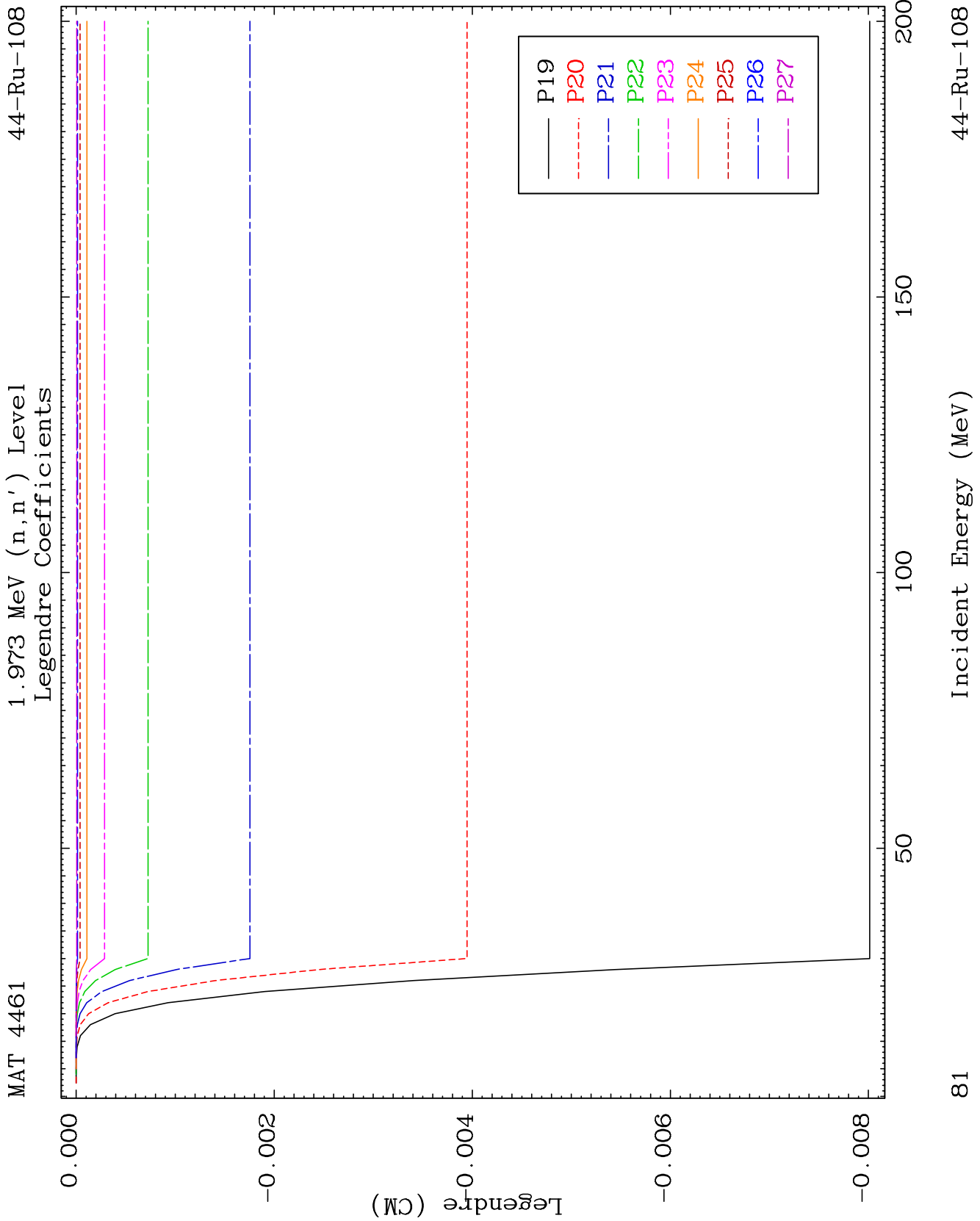
44-Ru-108

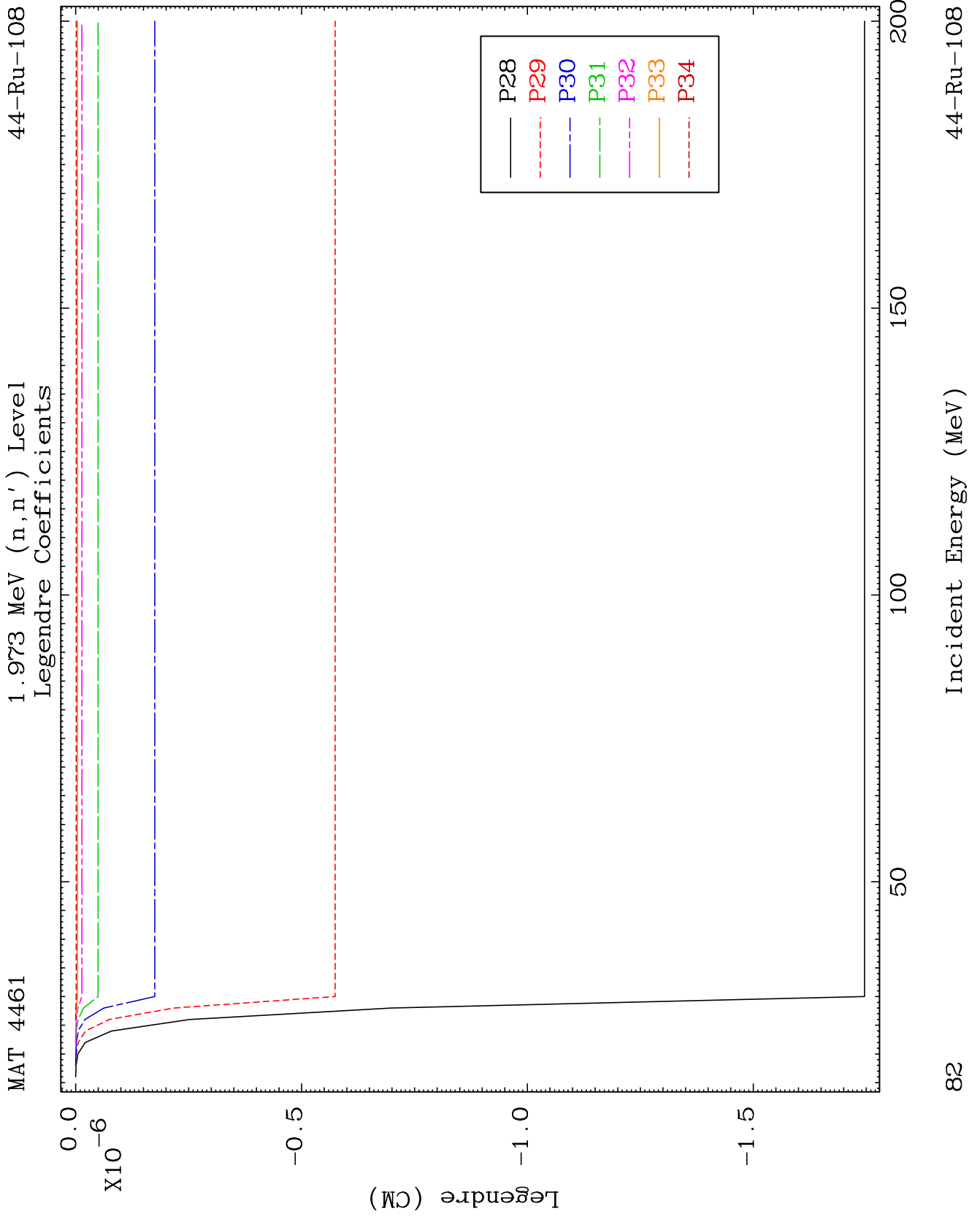


80

Incident Energy (MeV)

44-Ru-108

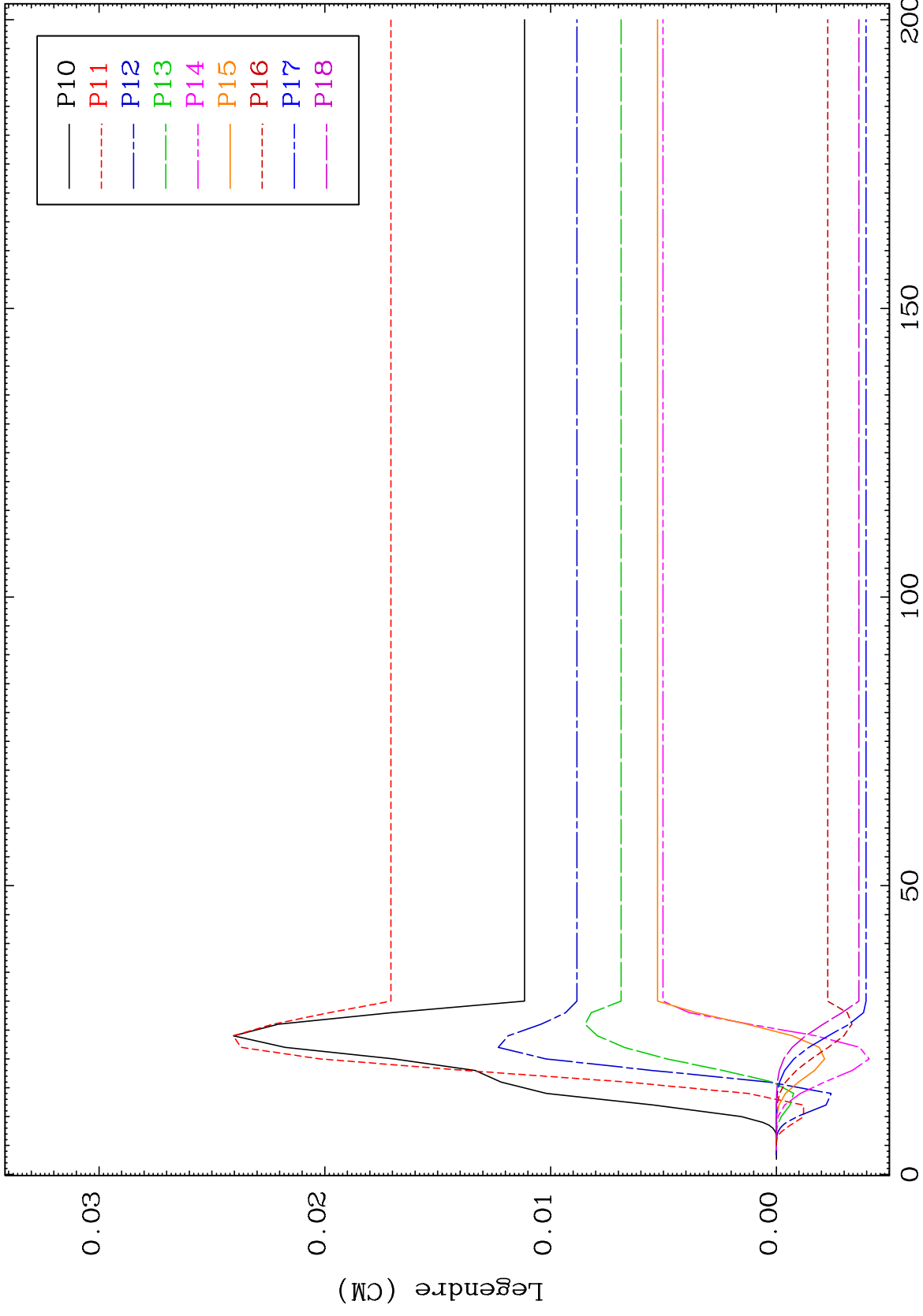




MAT 4461

2.003 MeV (n,n') Level
Legendre Coefficients

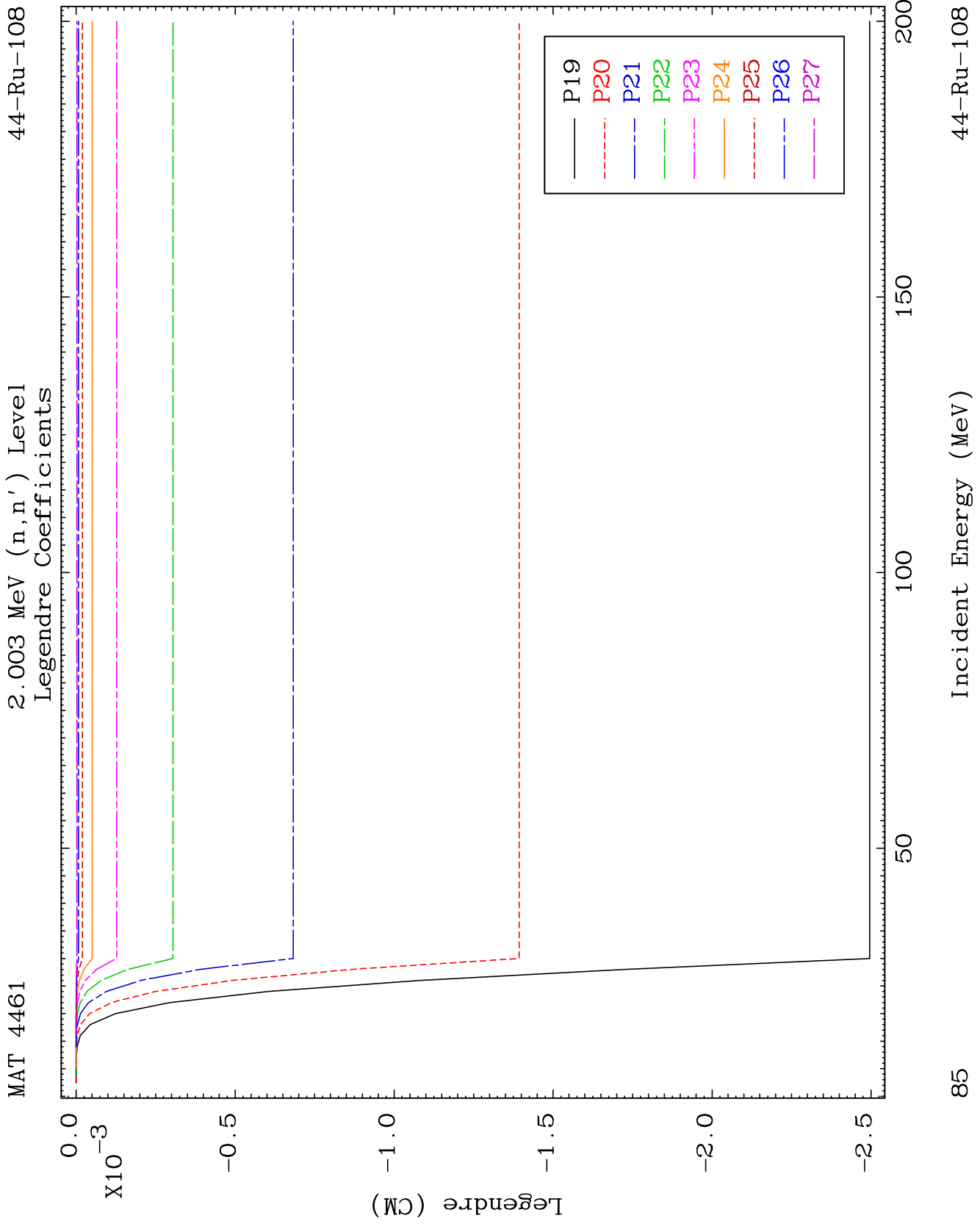
44-Ru-108

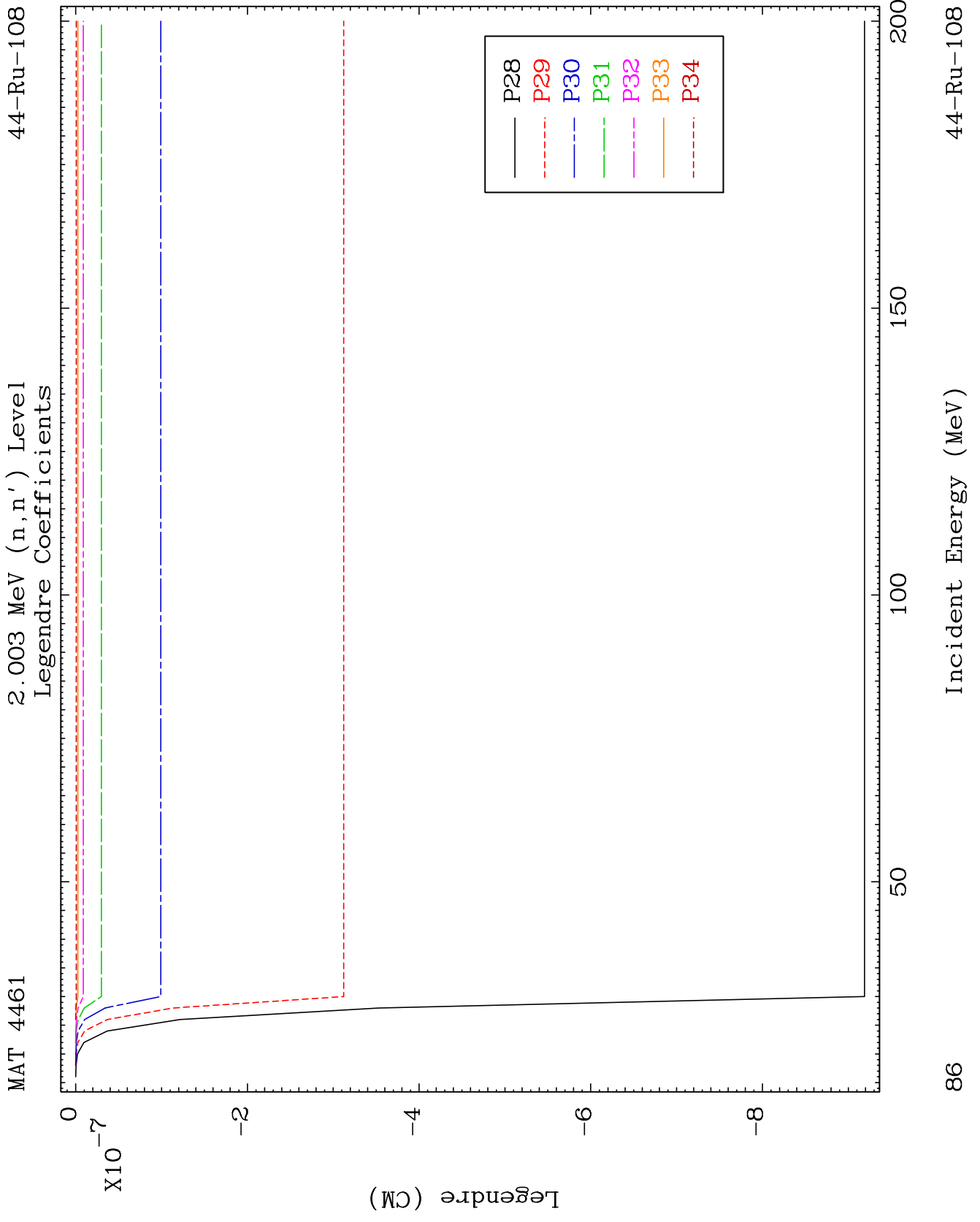


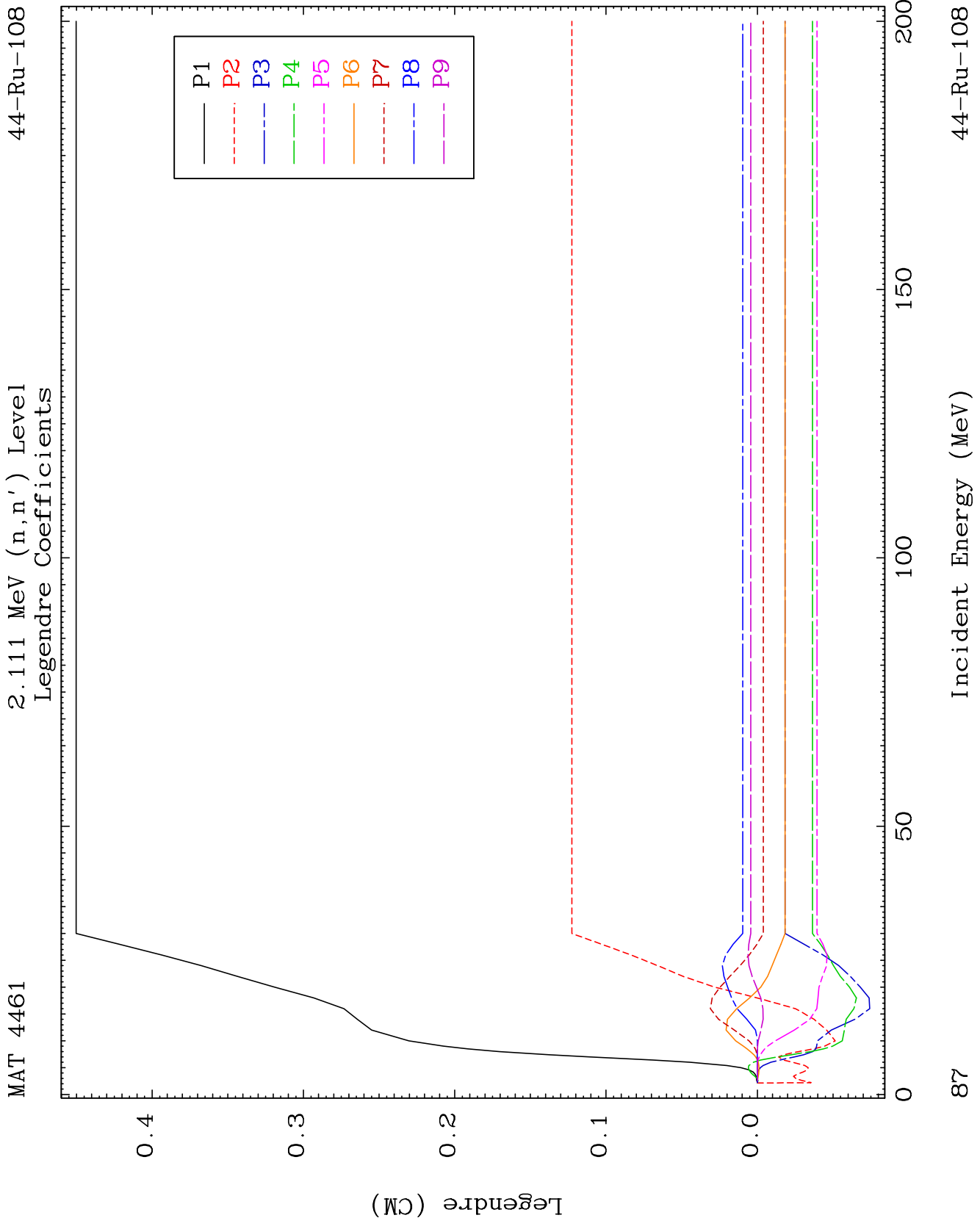
84

Incident Energy (MeV)

44-Ru-108



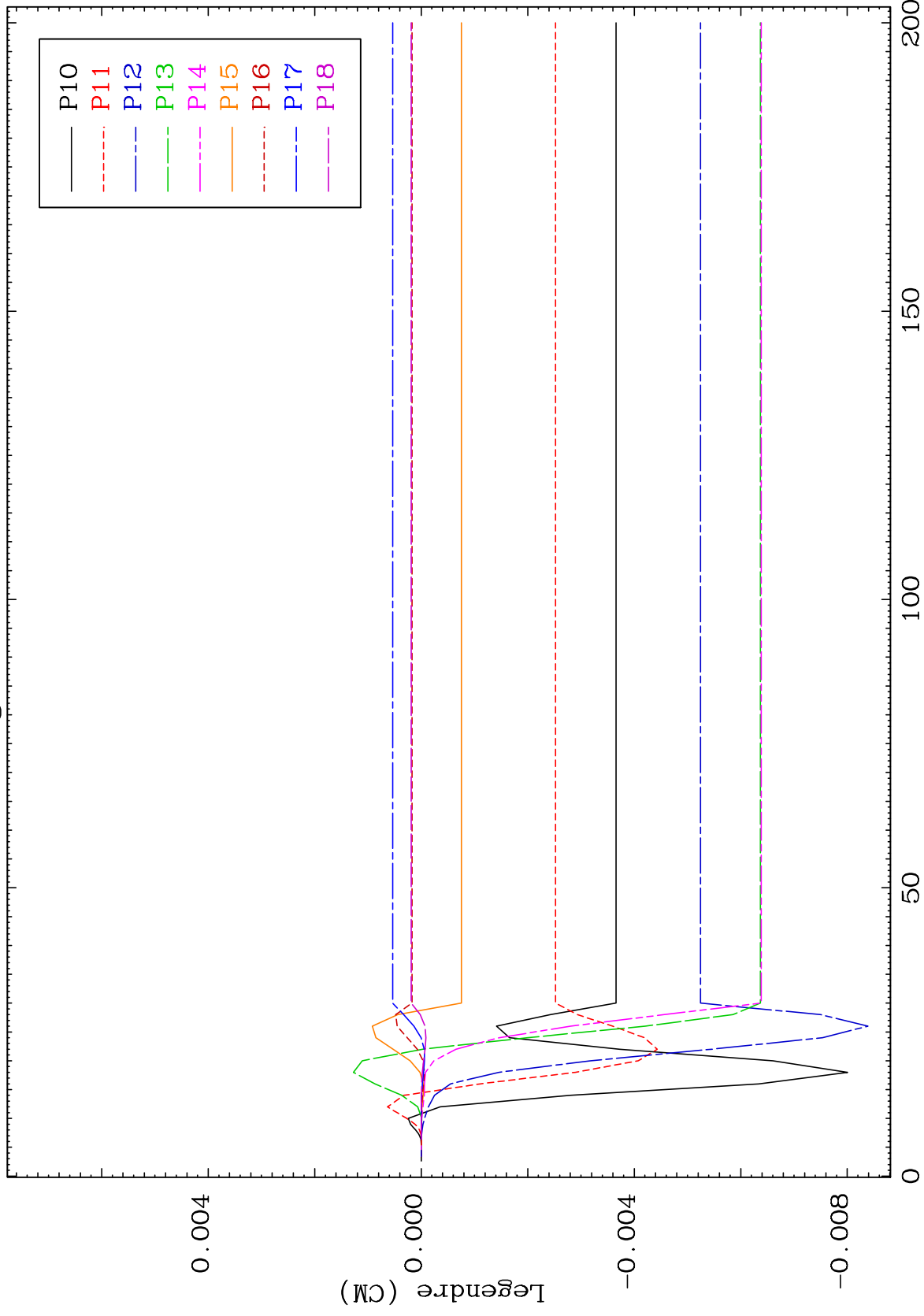




MAT 4461

2.111 MeV (n, n') Level
Legendre Coefficients

44-Ru-108



88

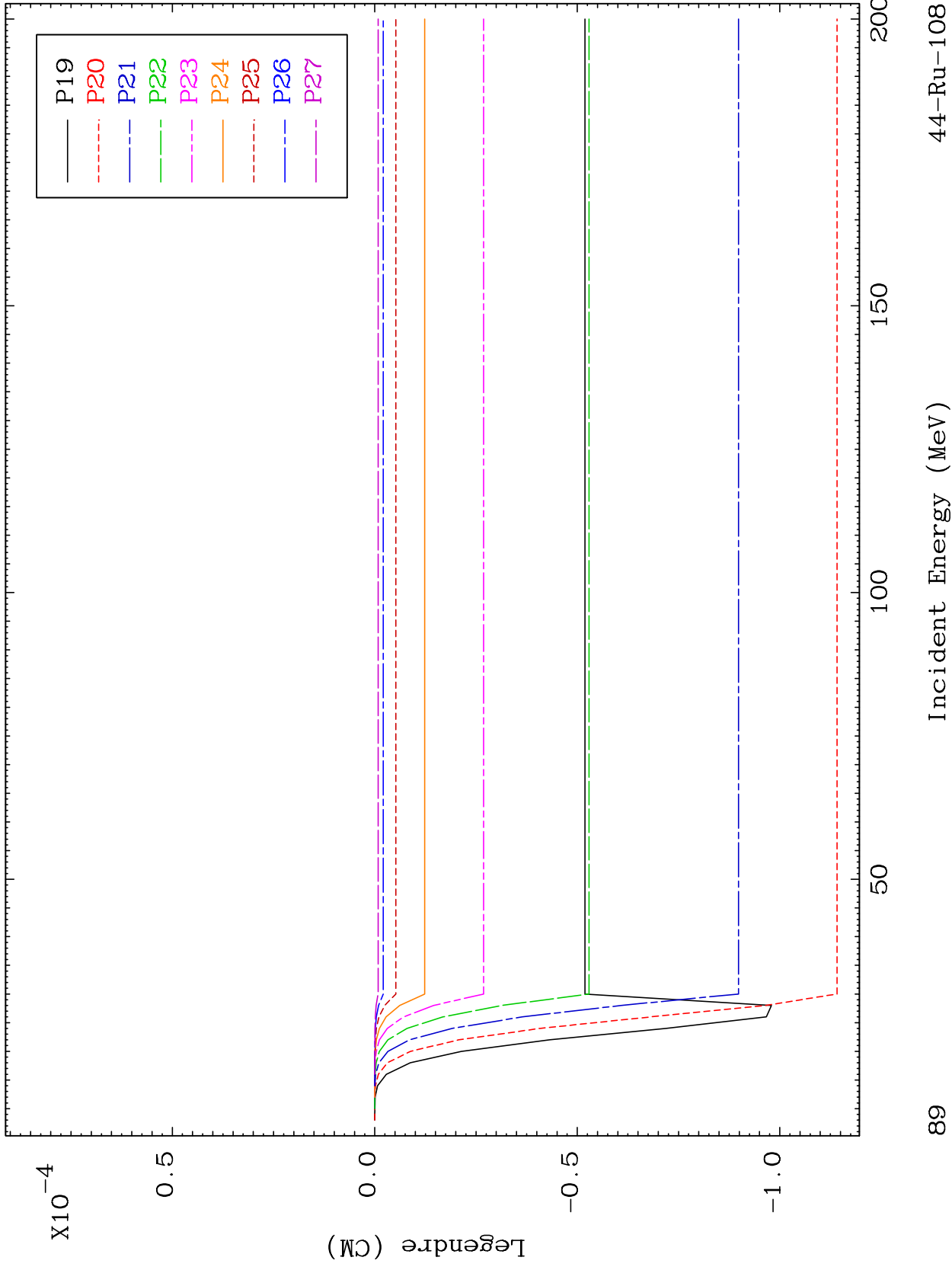
Incident Energy (MeV)

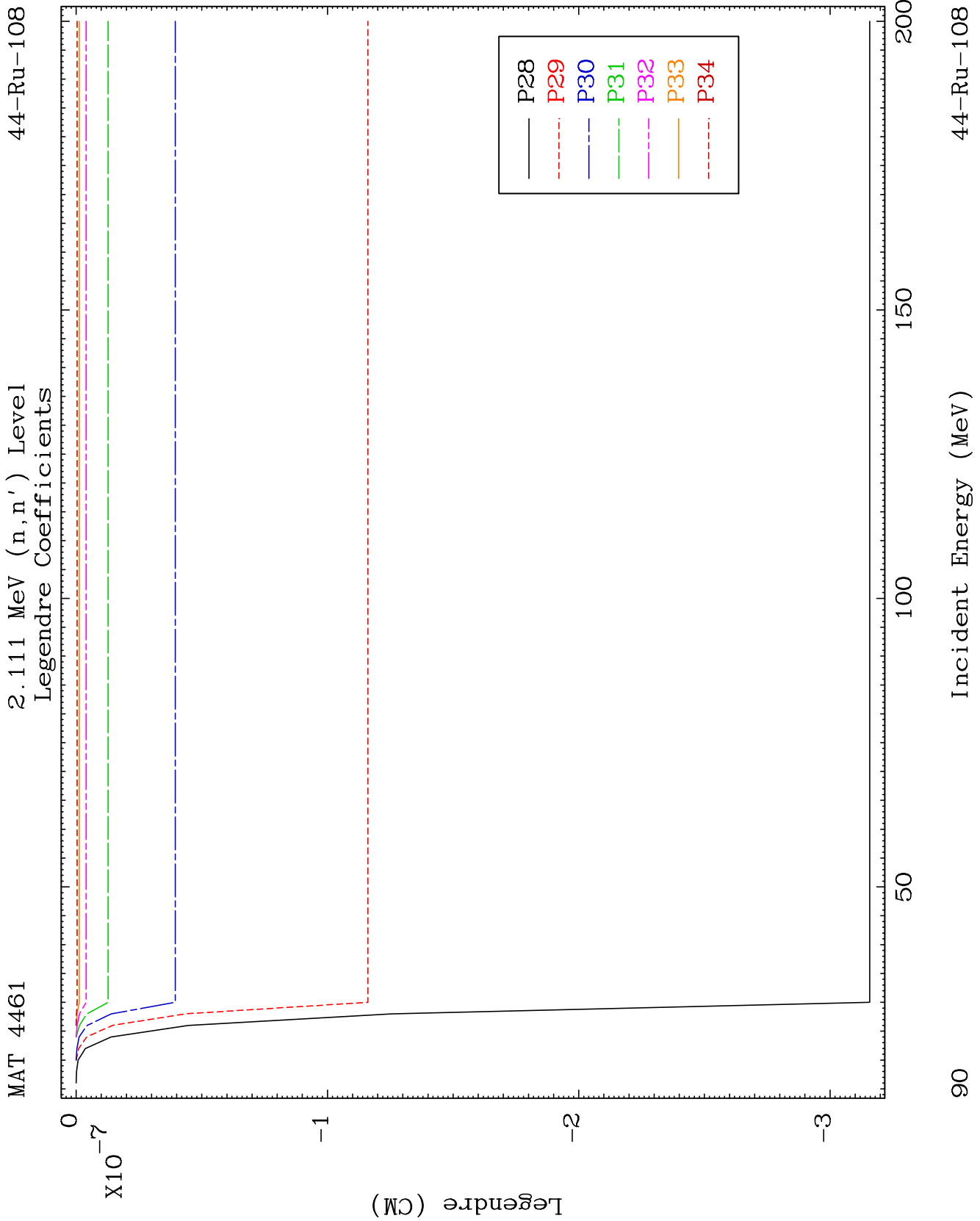
44-Ru-108

MAT 4461

2.111 MeV (n, n') Level
Legendre Coefficients

44-Ru-108

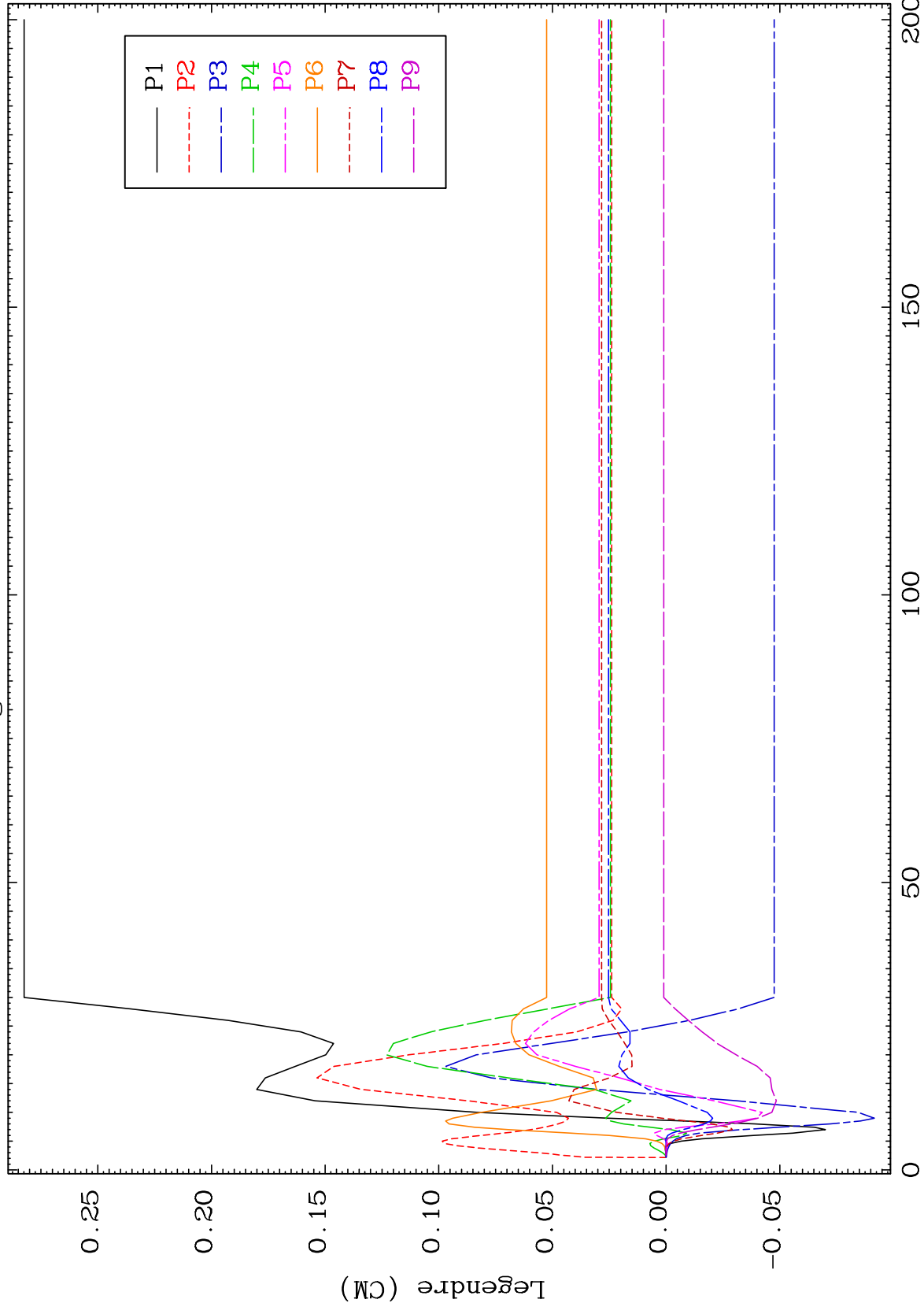




MAT 4461

2.125 MeV (n, n') Level
Legendre Coefficients

44-Ru-108



91

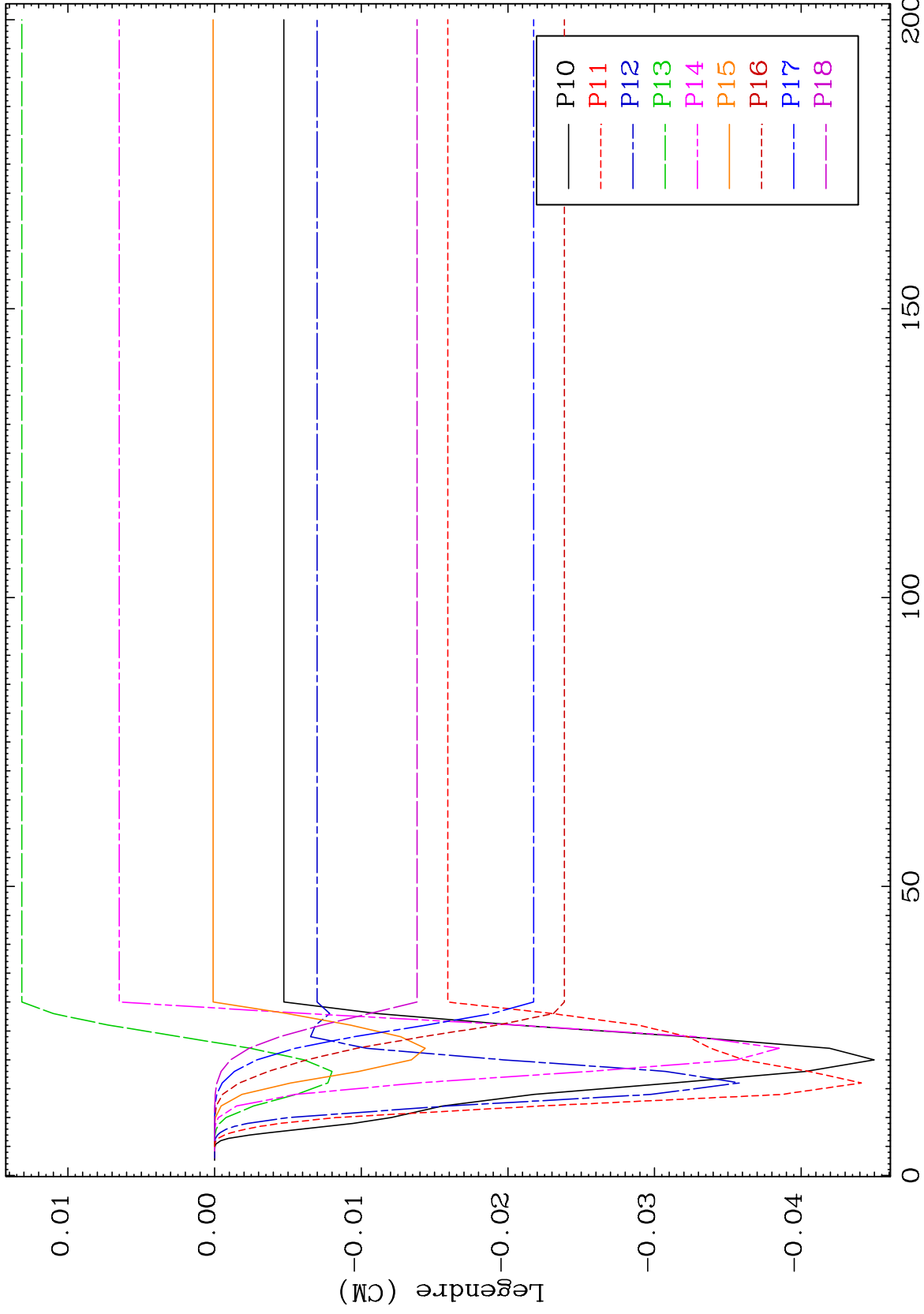
Incident Energy (MeV)

44-Ru-108

MAT 4461

2.125 MeV (n, n') Level
Legendre Coefficients

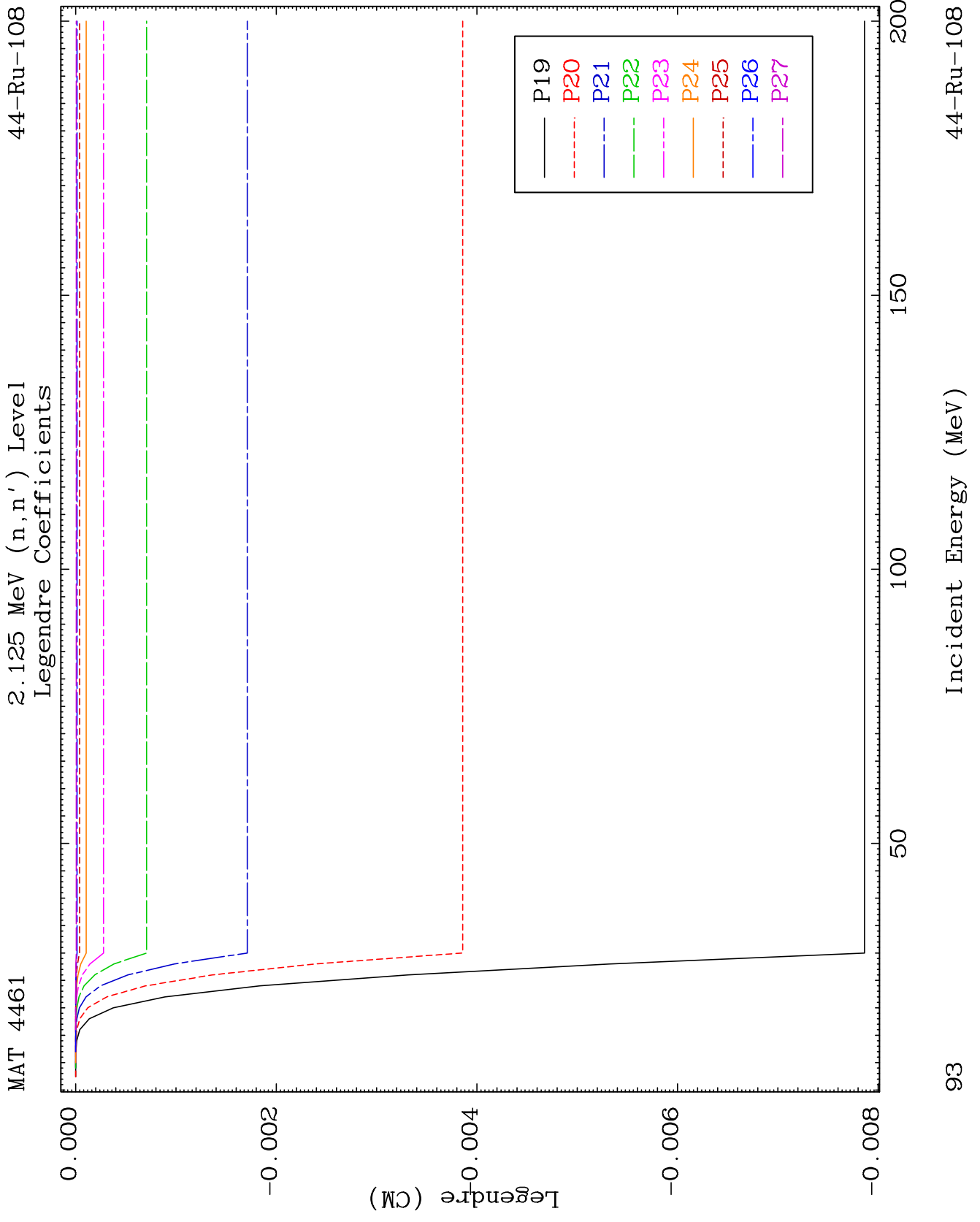
44-Ru-108

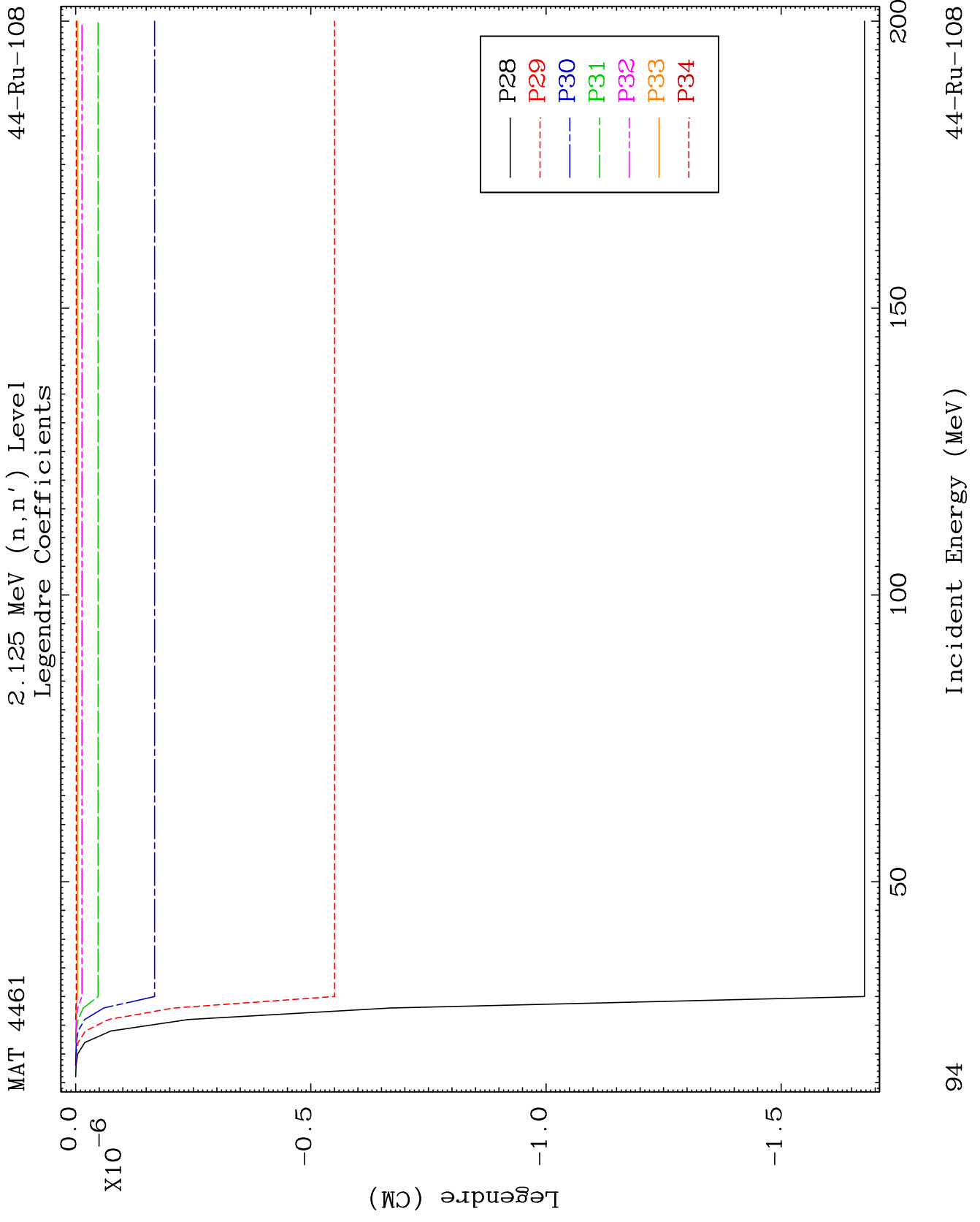


92

Incident Energy (MeV)

44-Ru-108

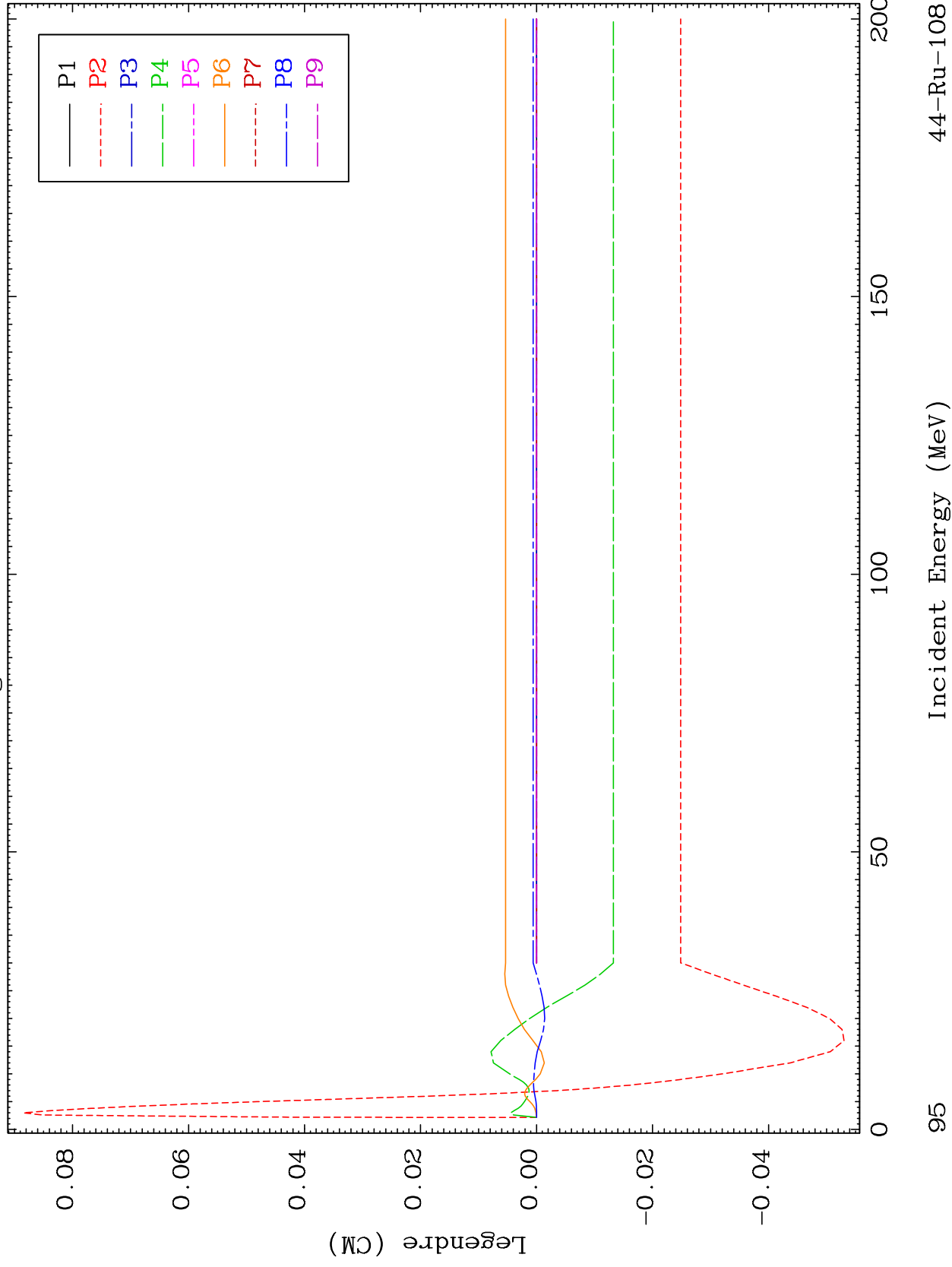




MAT 4461

2.133 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



44-Ru-108

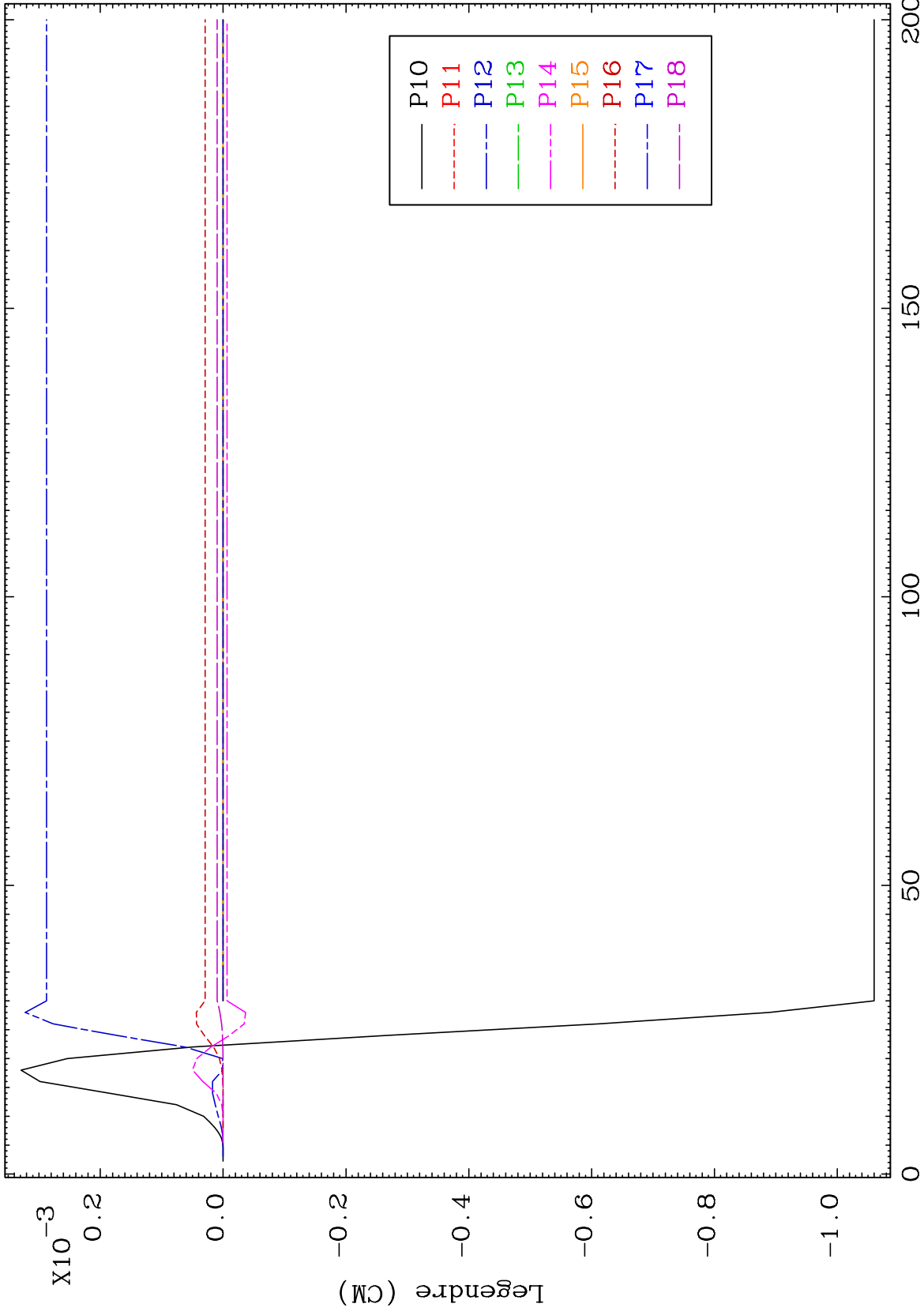
Incident Energy (MeV)

95

MAT 4461

2.133 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



96

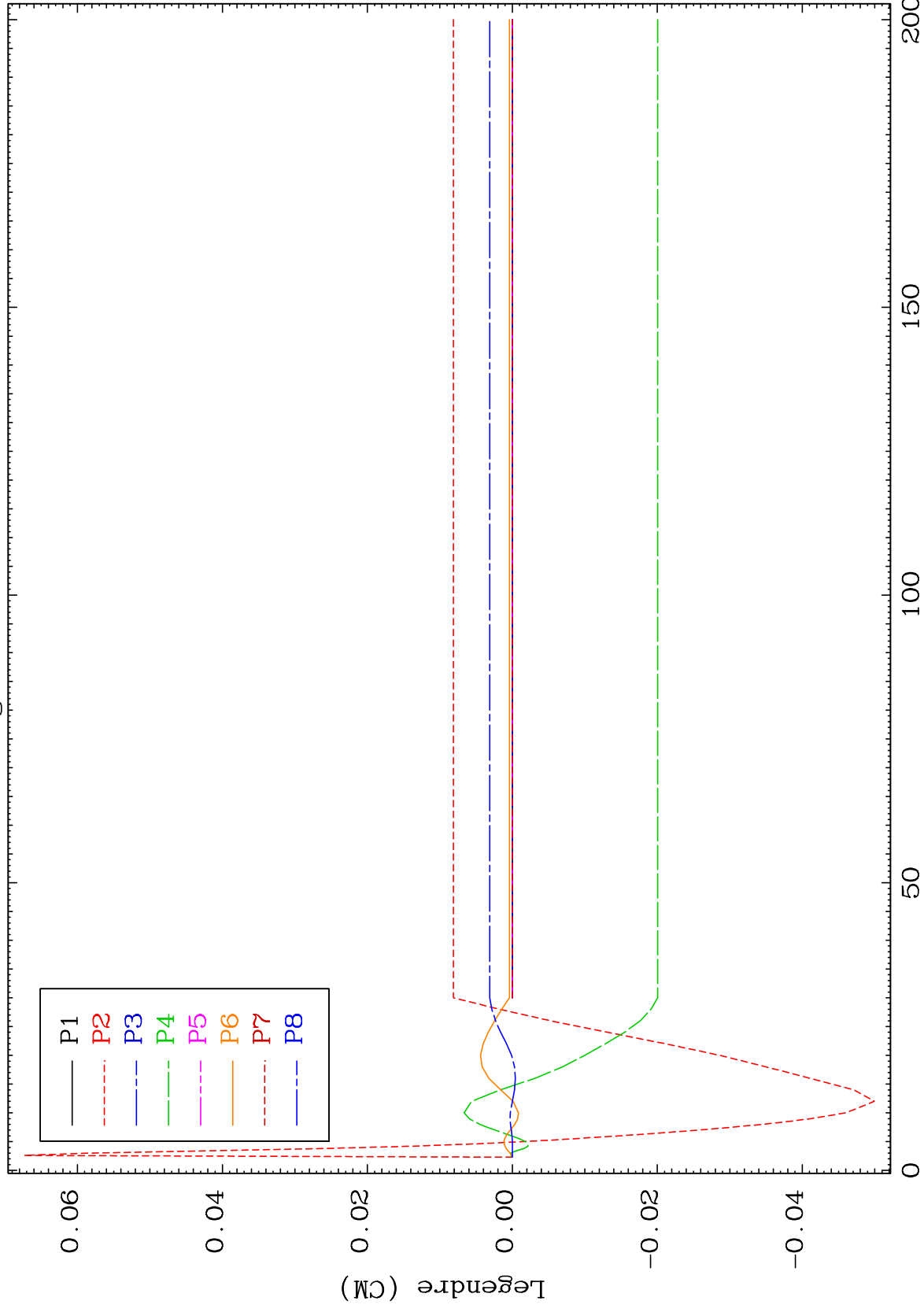
Incident Energy (MeV)

44-Ru-108

MAT 4461

2.273 MeV (n,n') Level
Legendre Coefficients

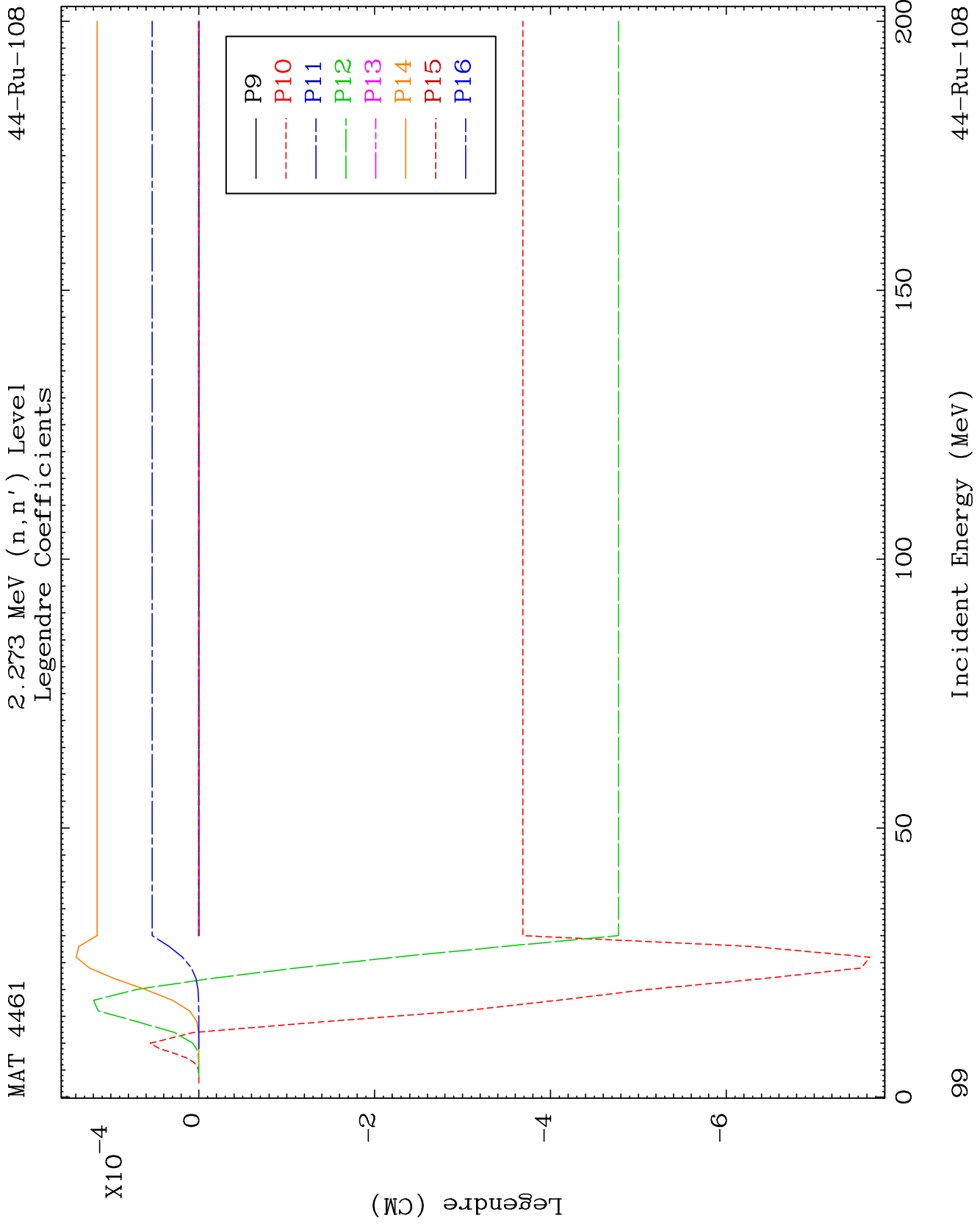
44-Ru-108

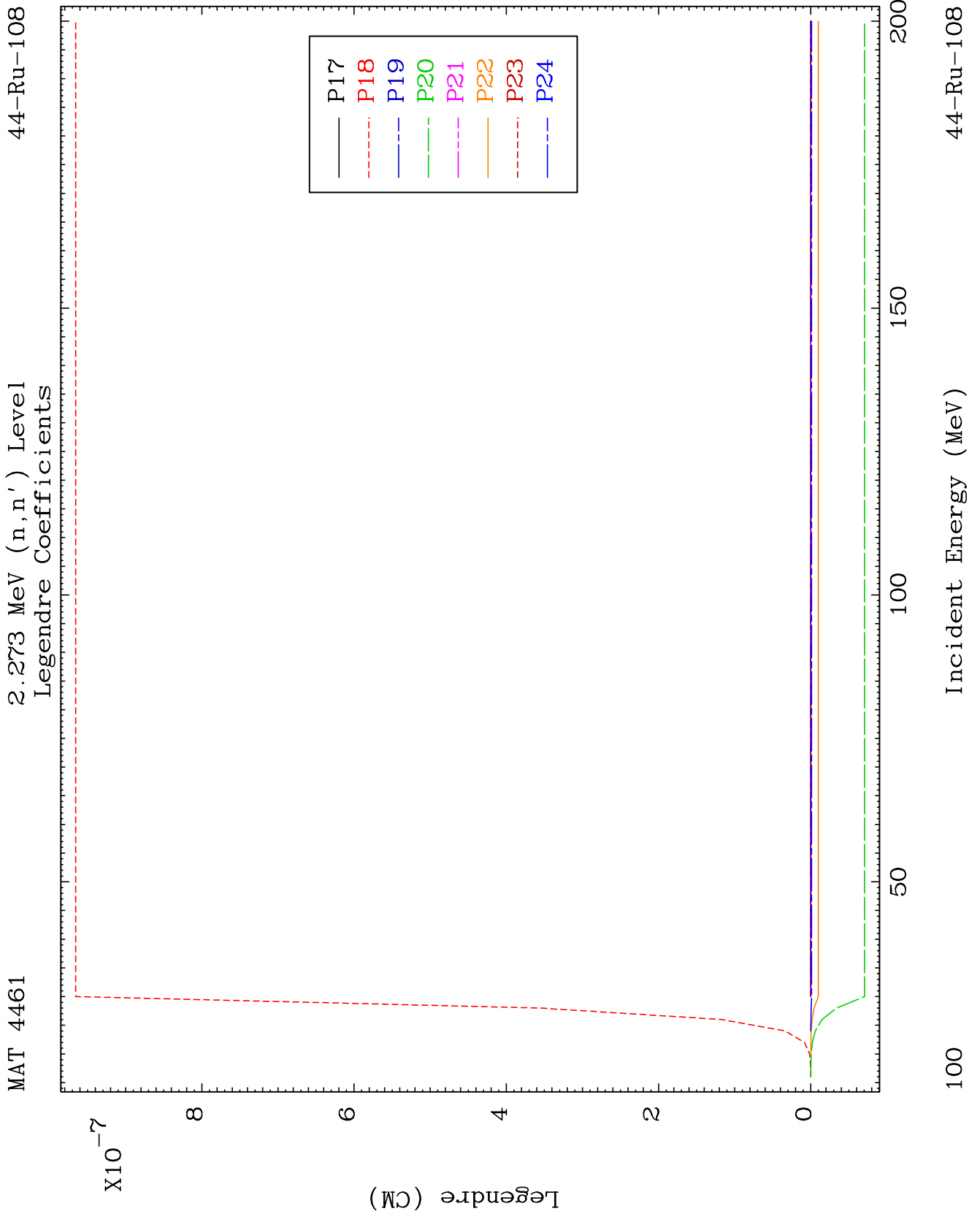


98

Incident Energy (MeV)

44-Ru-108

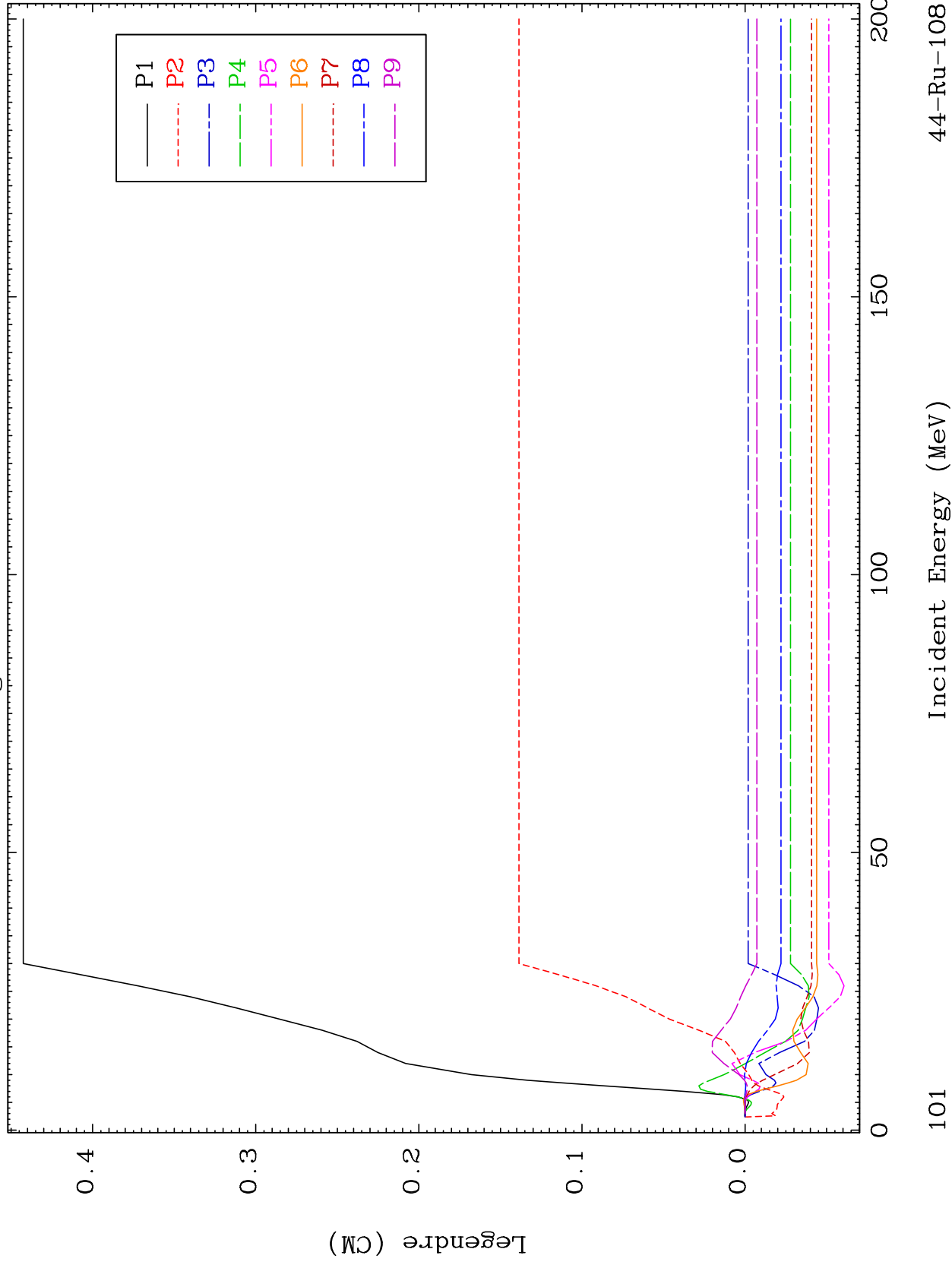




MAT 4461

2.352 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



101

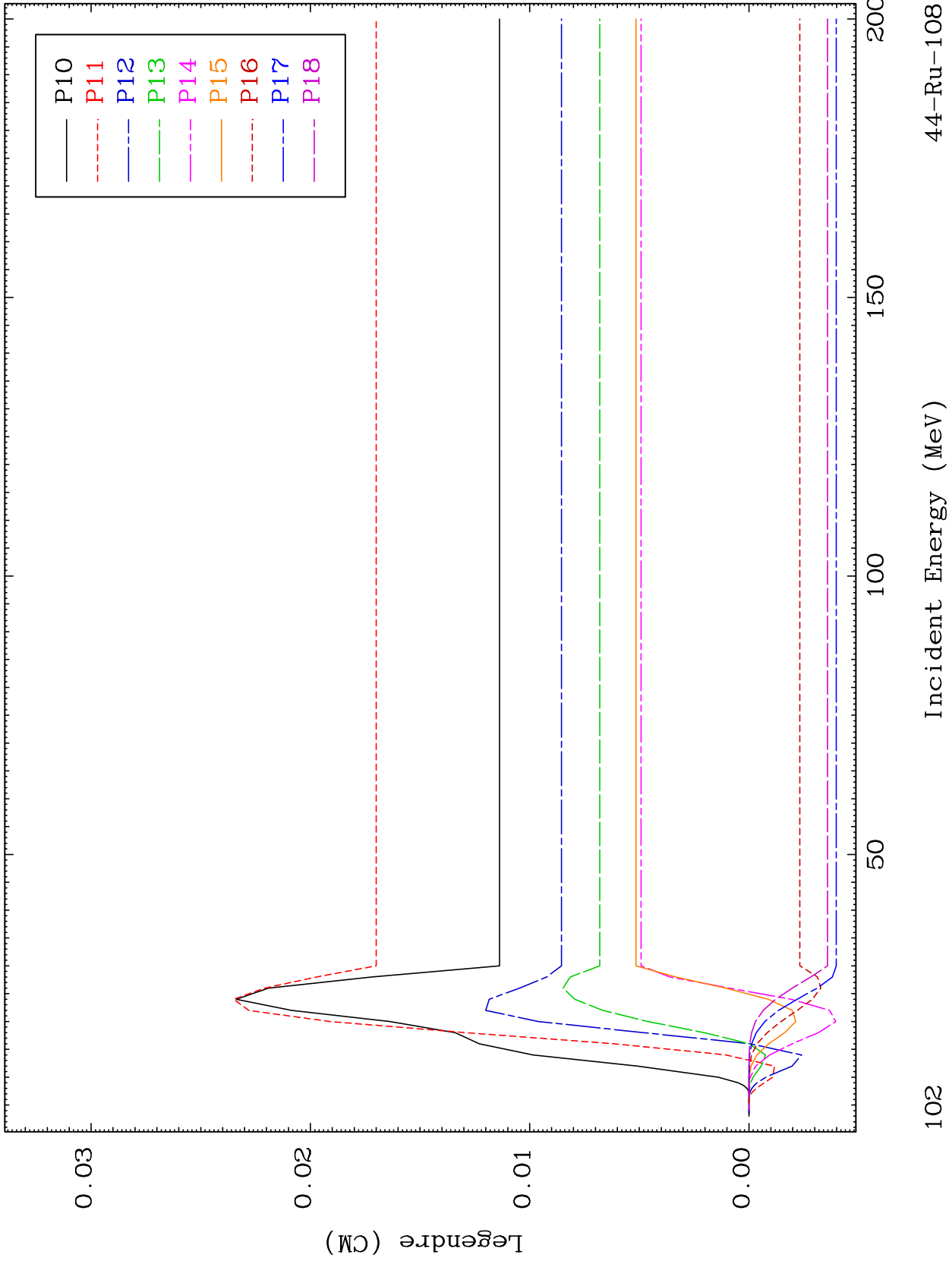
Incident Energy (MeV)

44-Ru-108

MAT 4461

2.352 MeV (n, n') Level
Legendre Coefficients

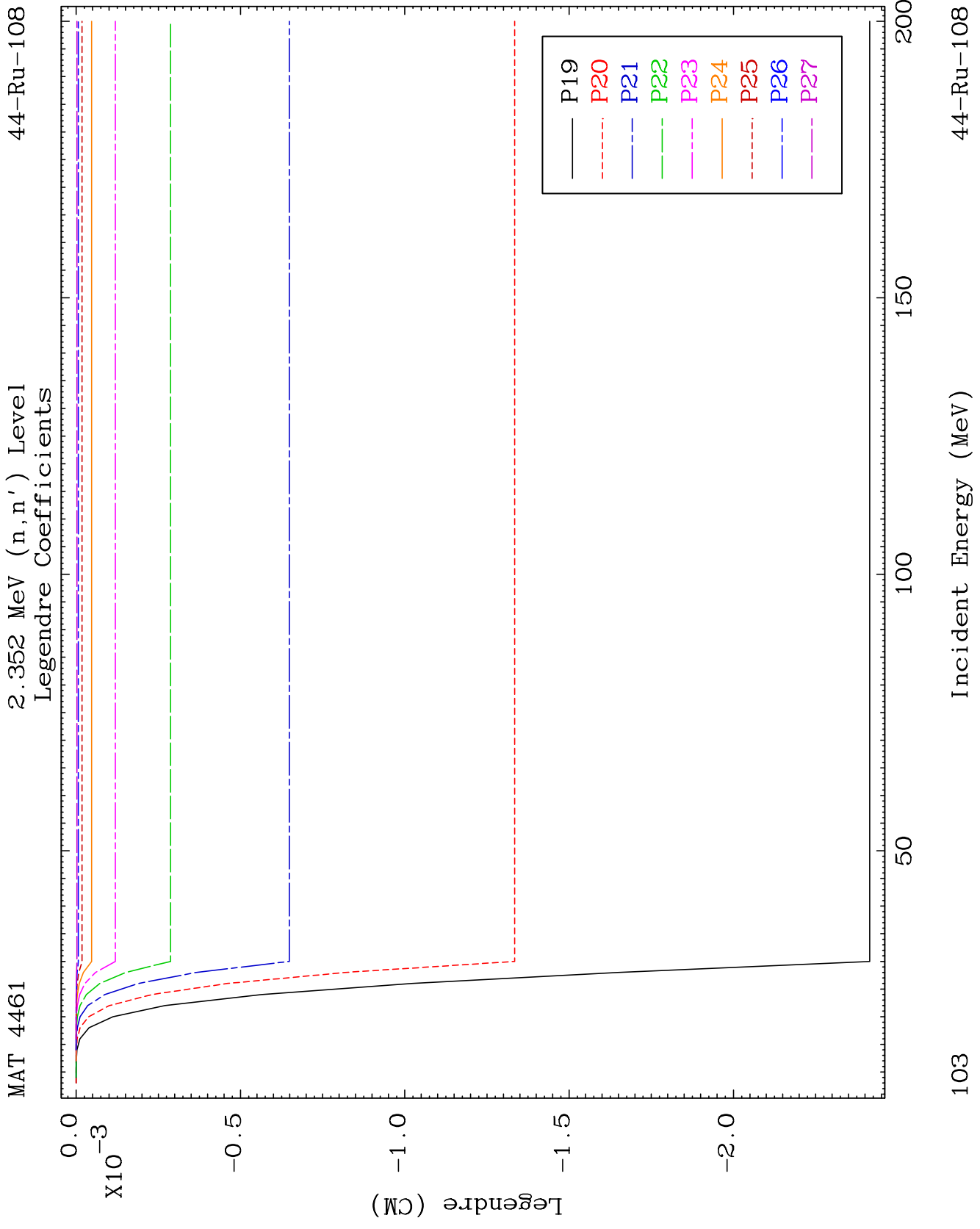
44-Ru-108

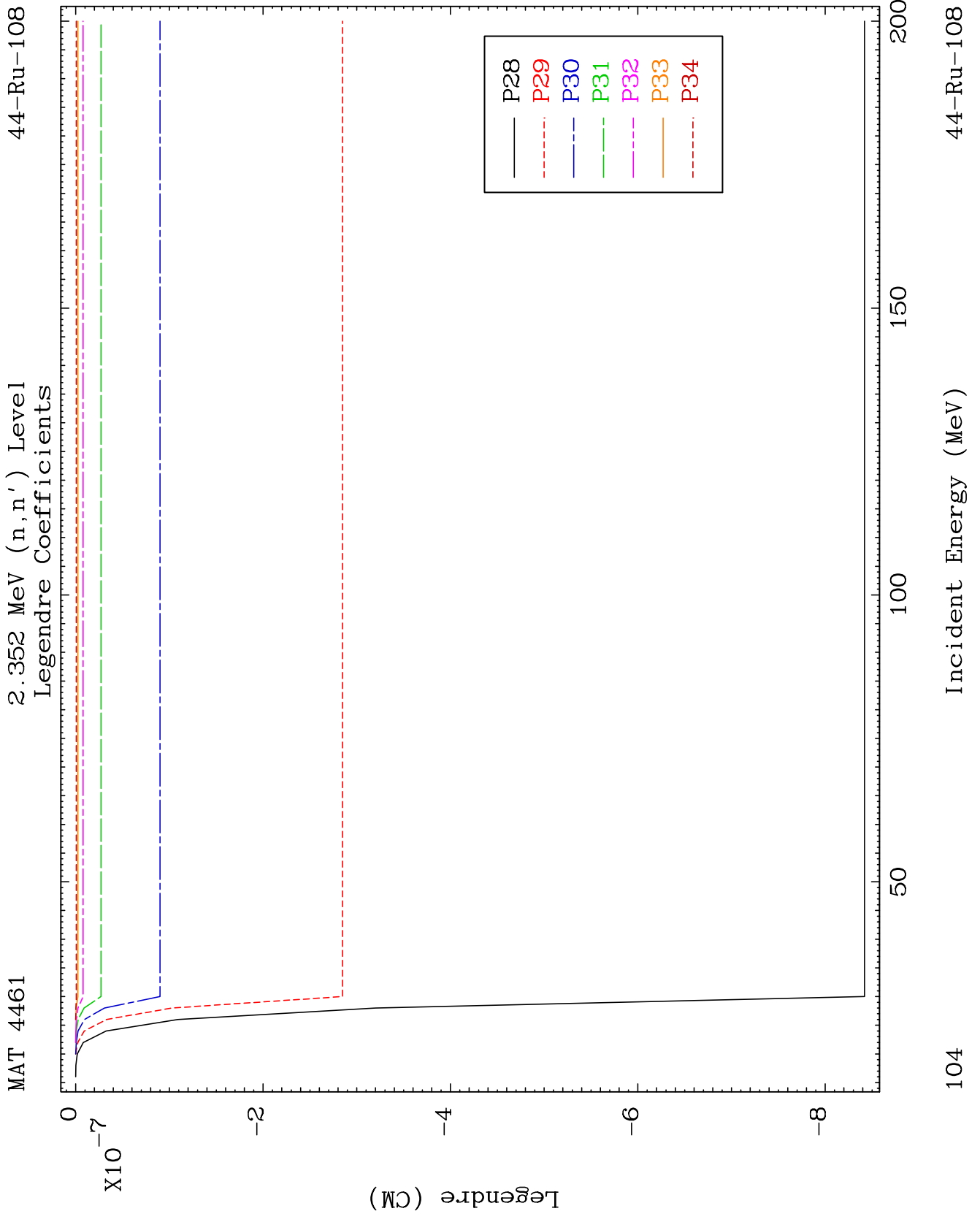


102

Incident Energy (MeV)

44-Ru-108

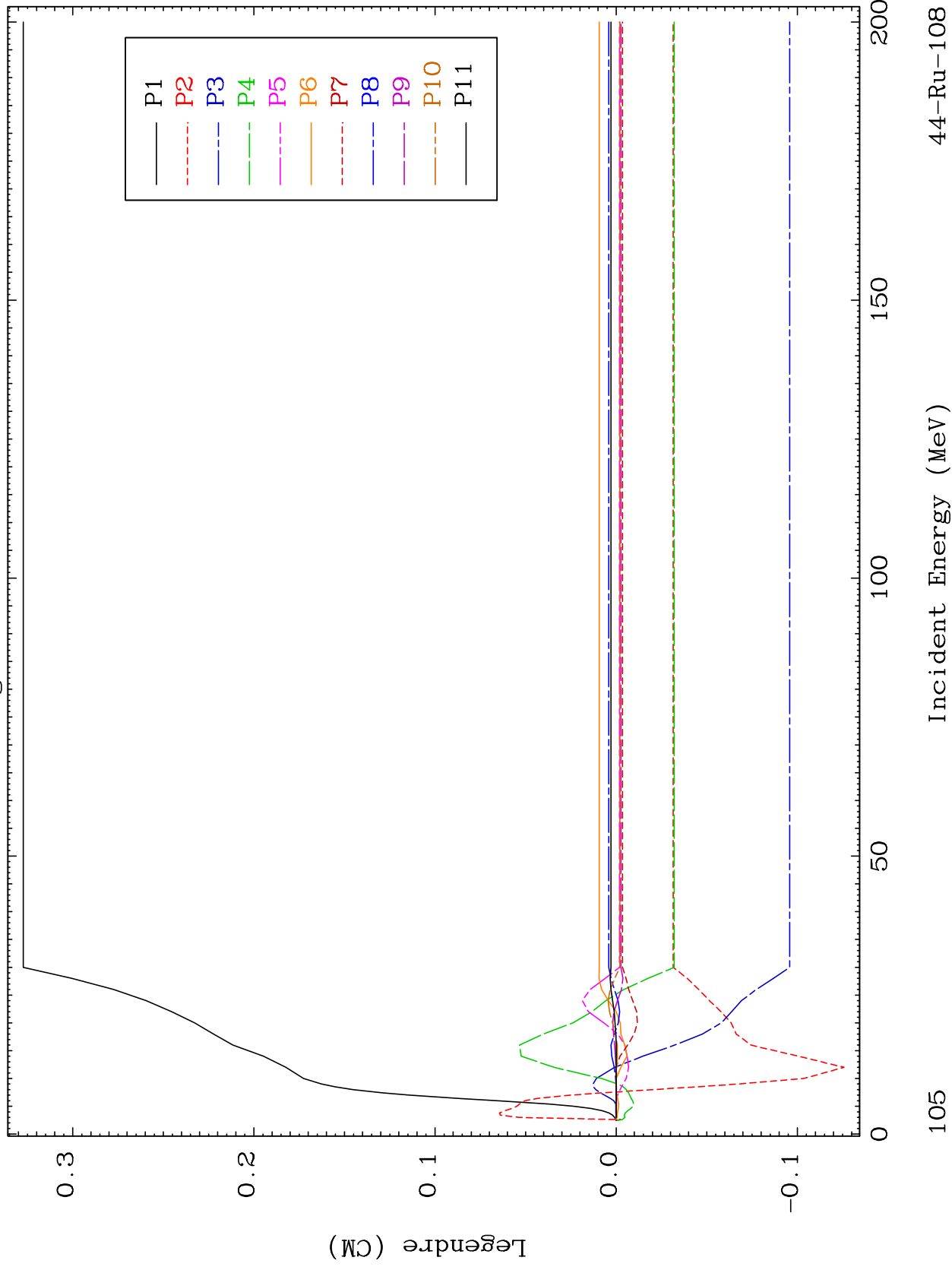




MAT 4461

2.420 MeV (n, n') Level
Legendre Coefficients

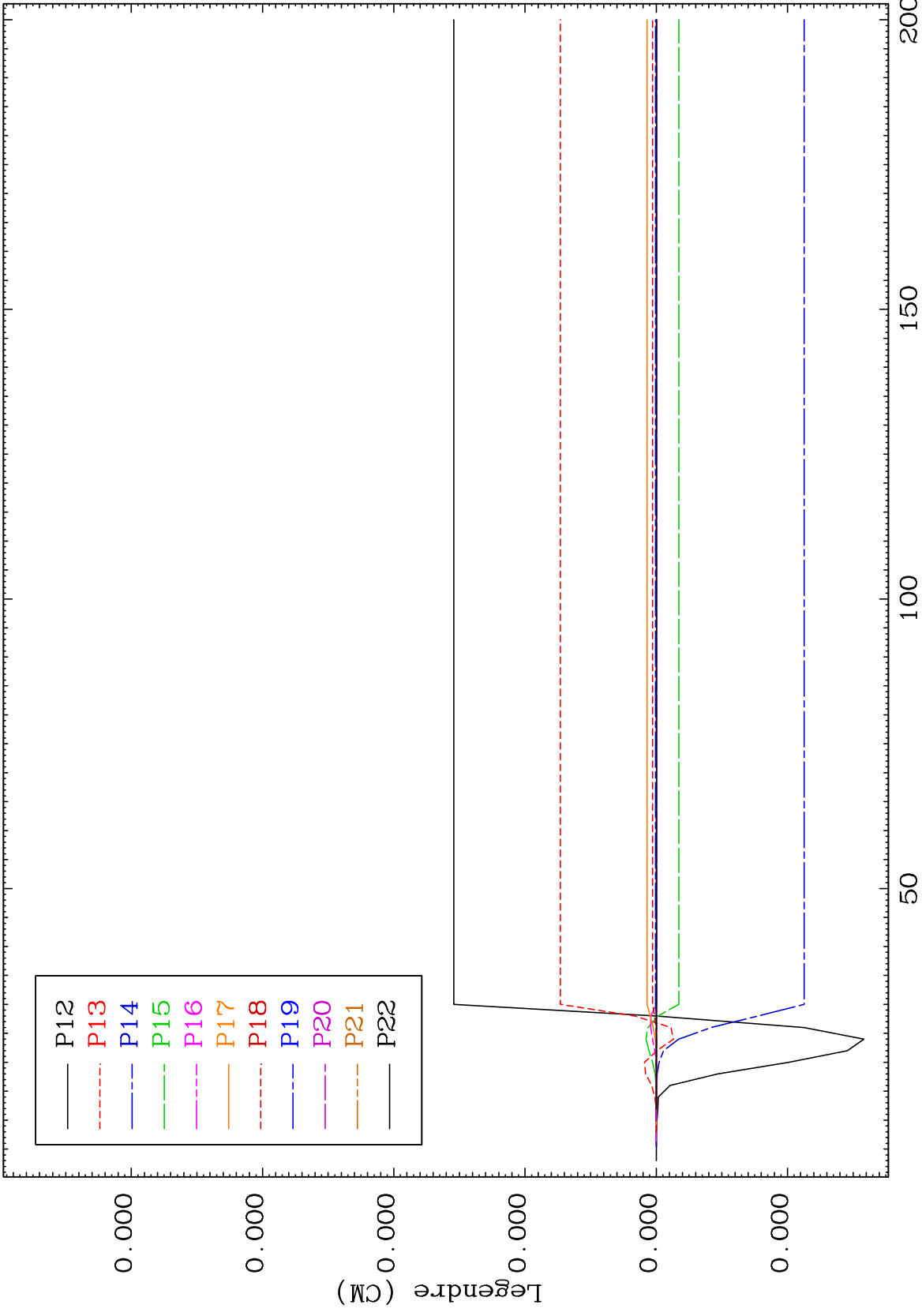
44-Ru-108

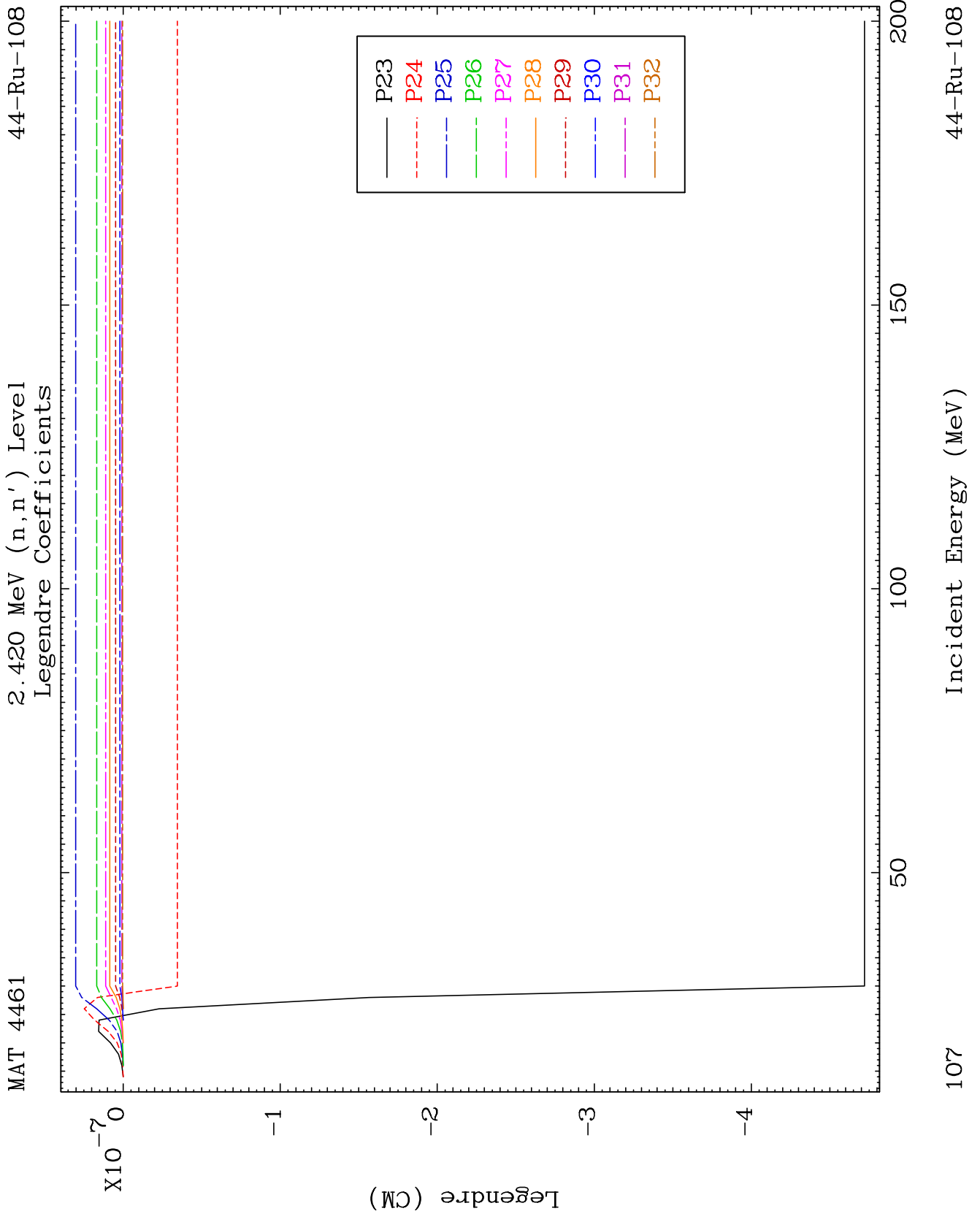


44-Ru-108

Incident Energy (MeV)

105

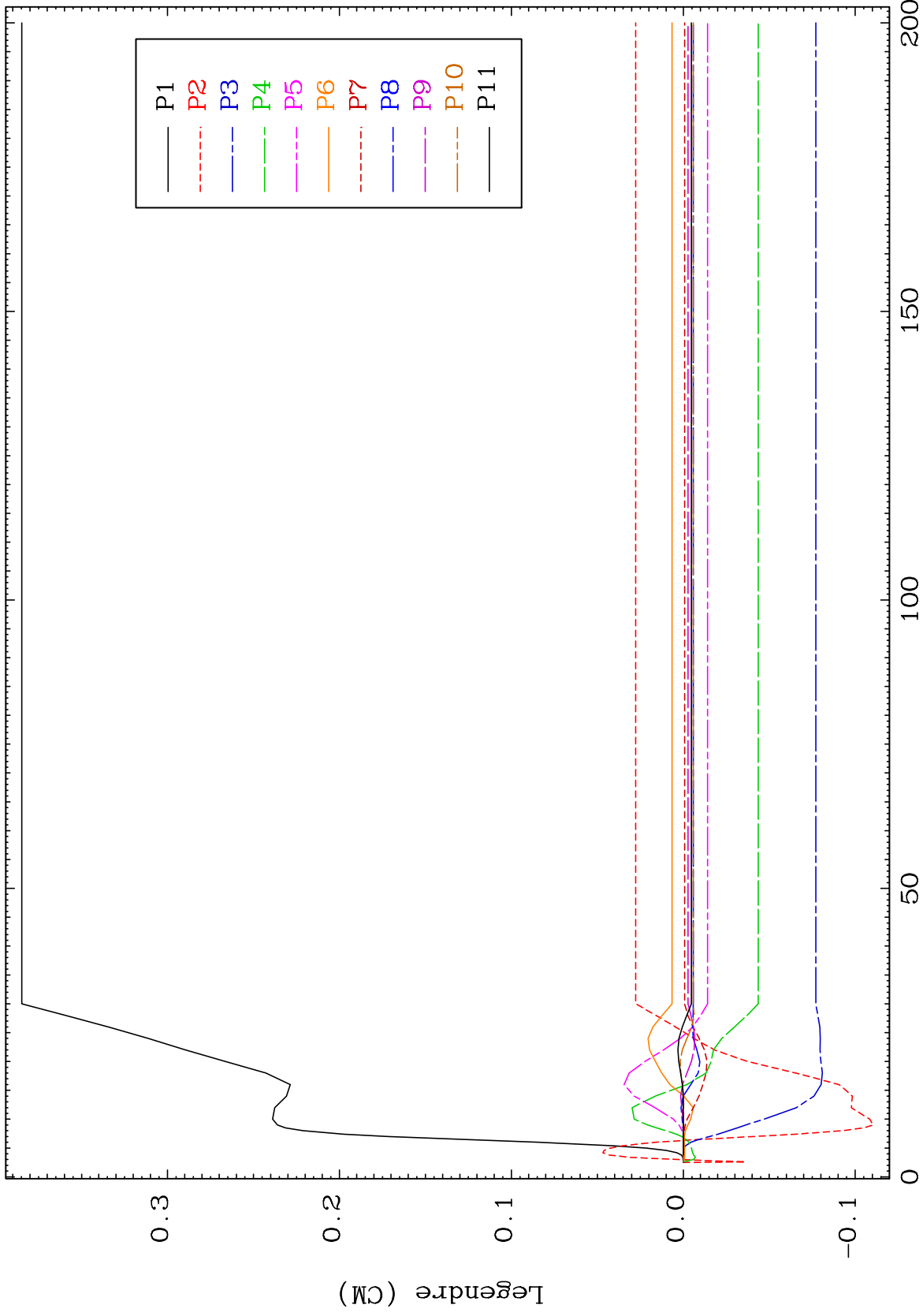




MAT 4461

2.473 MeV (n, n') Level
Legendre Coefficients

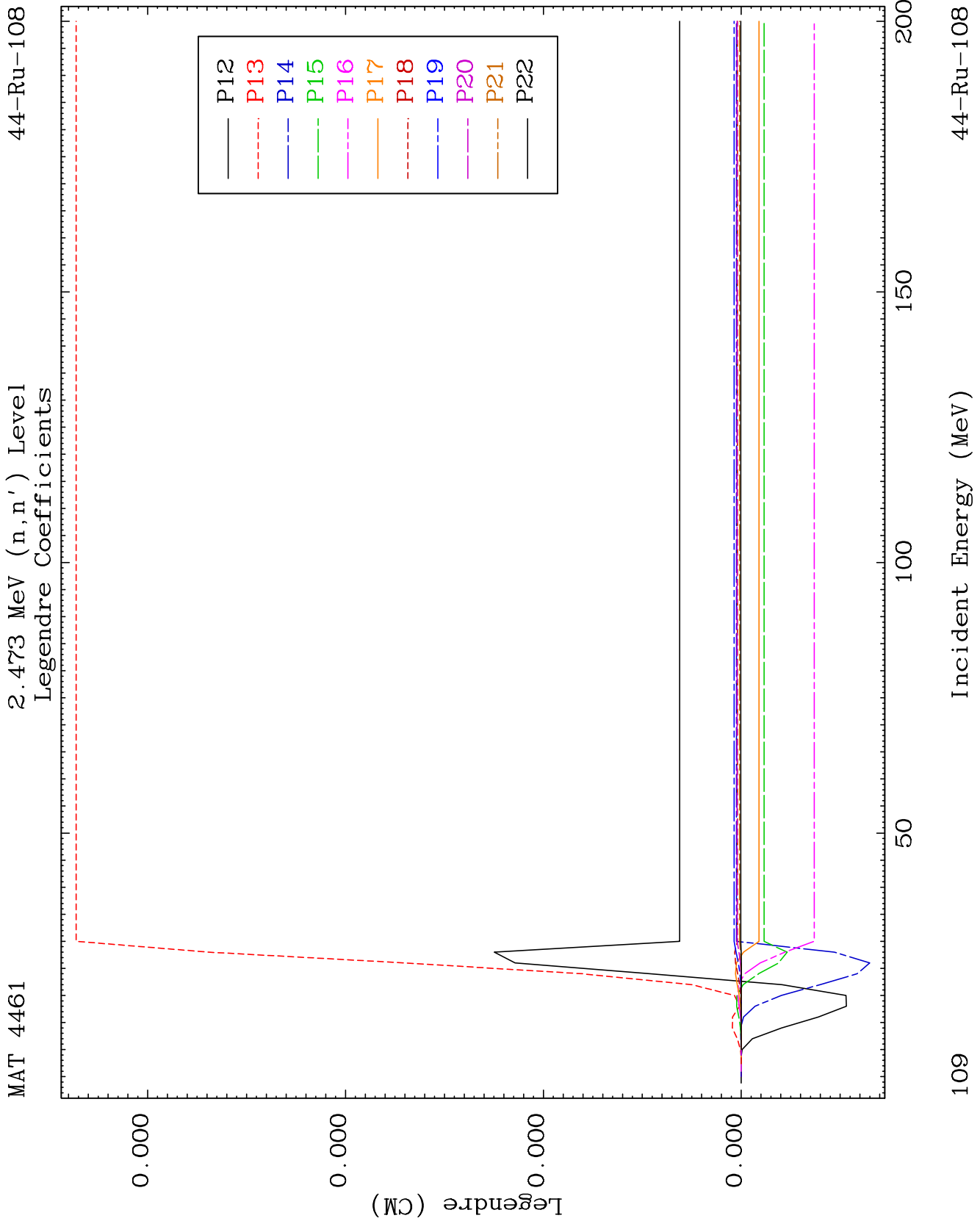
44-Ru-108



108

Incident Energy (MeV)

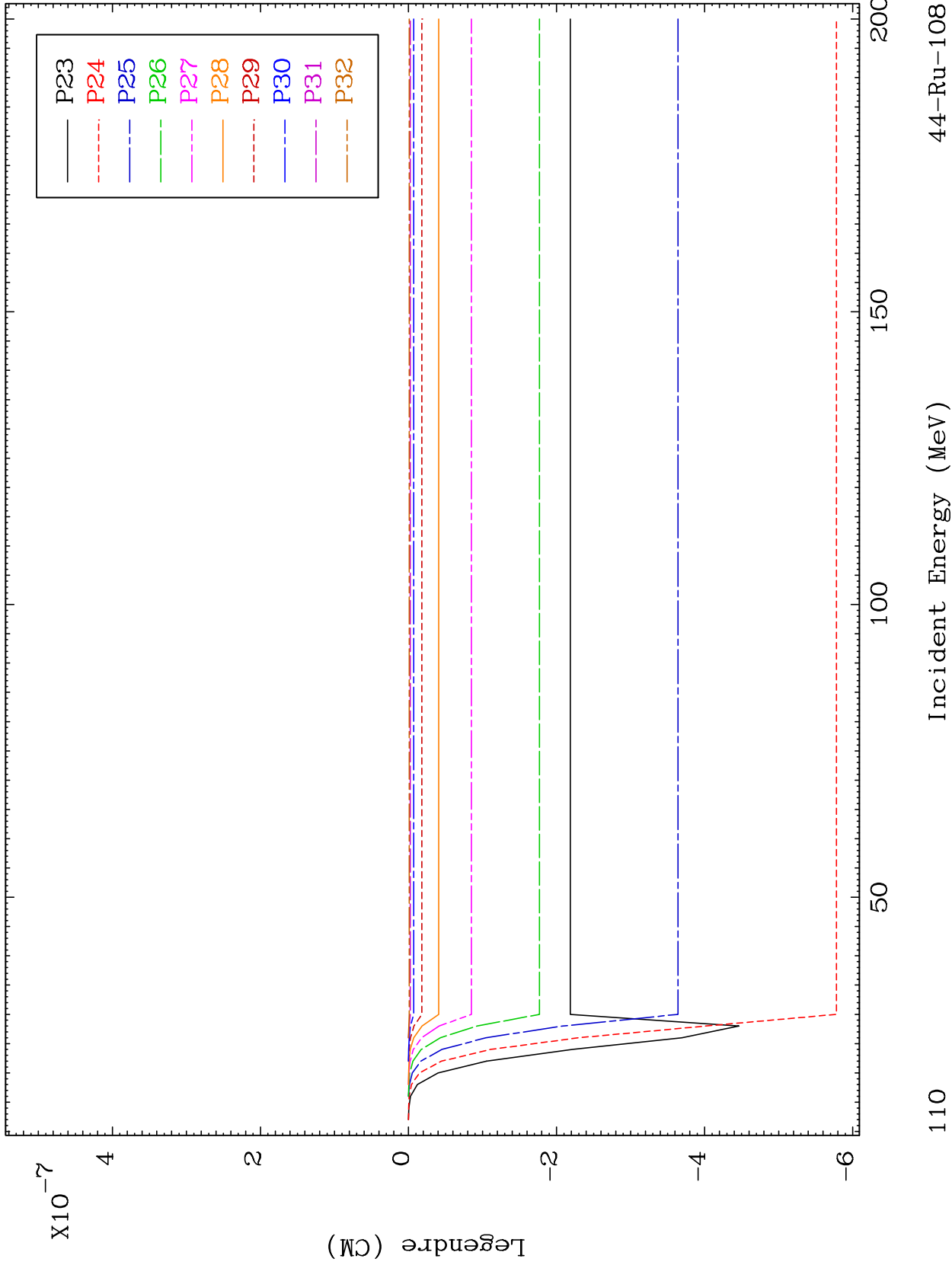
44-Ru-108



MAT 4461

2.473 MeV (n, n') Level
Legendre Coefficients

44-Ru-108



110

Incident Energy (MeV)

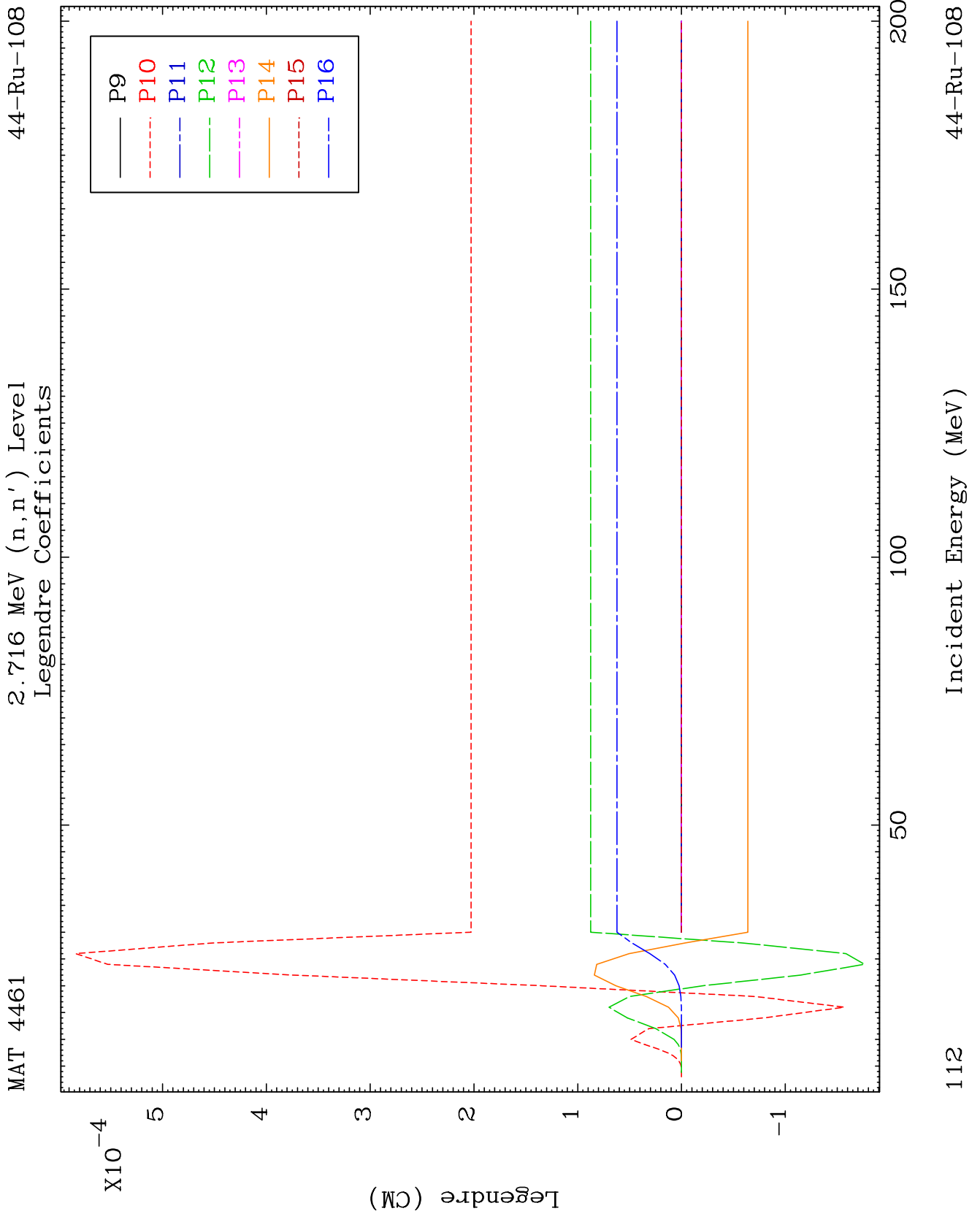
50

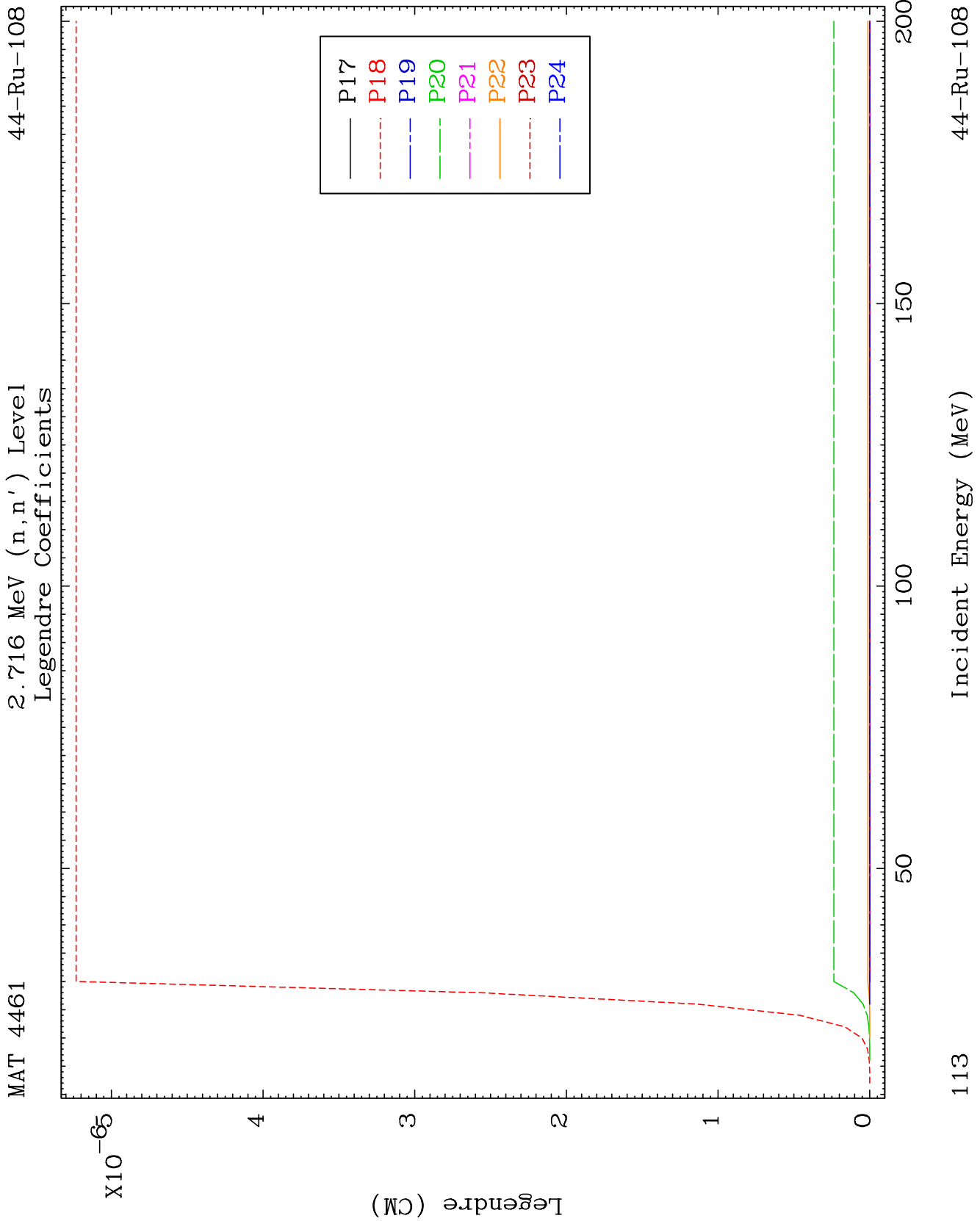
100

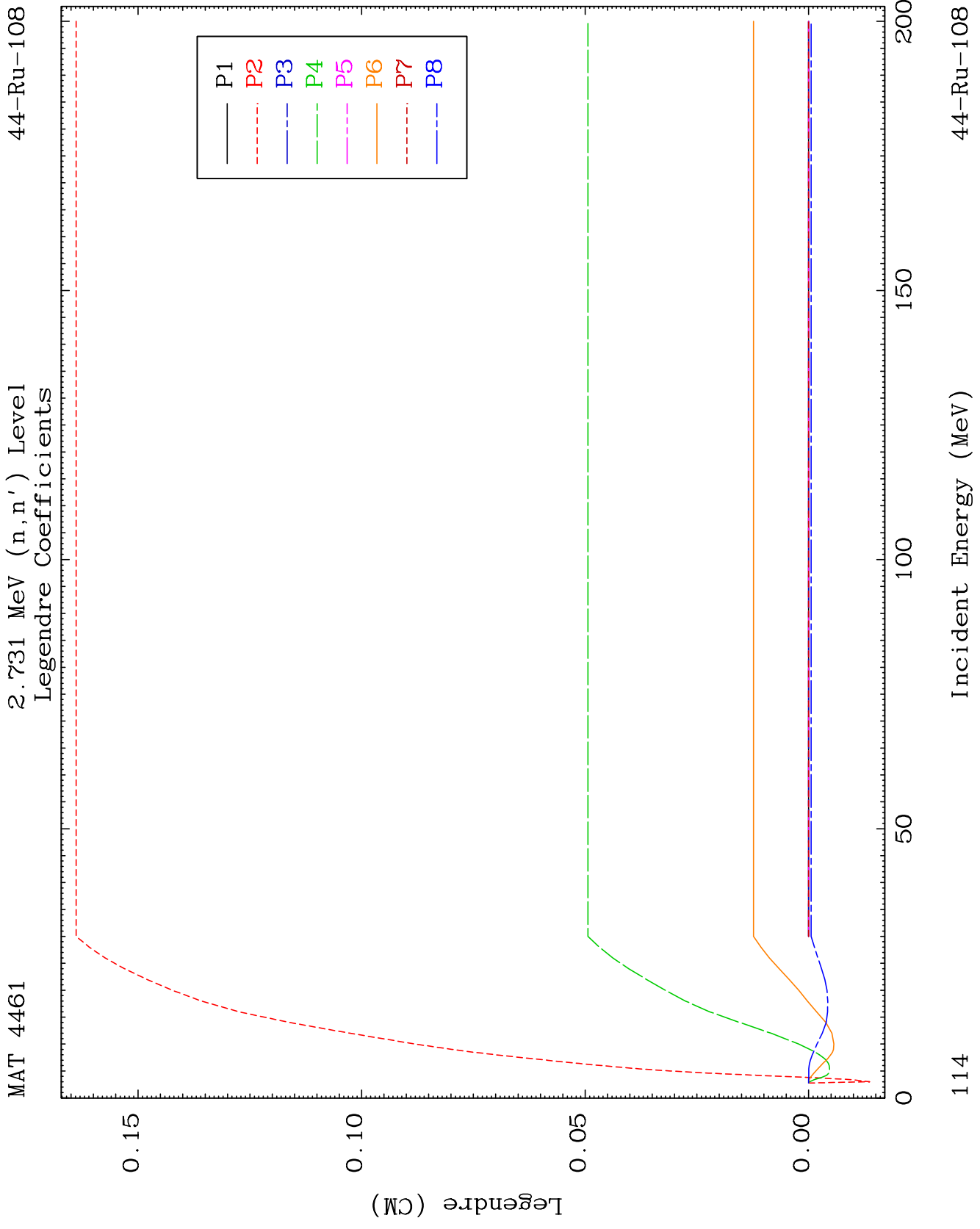
150

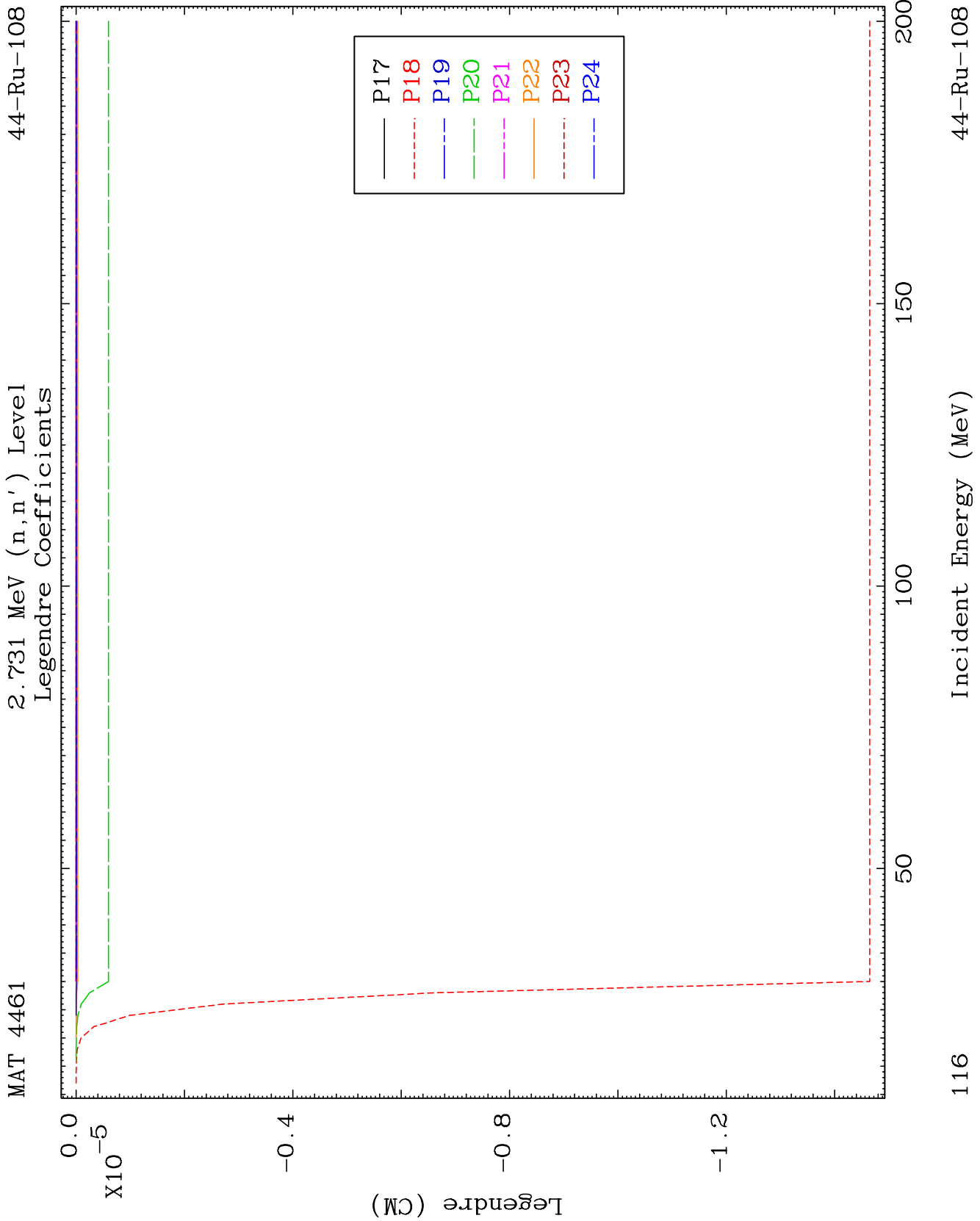
200

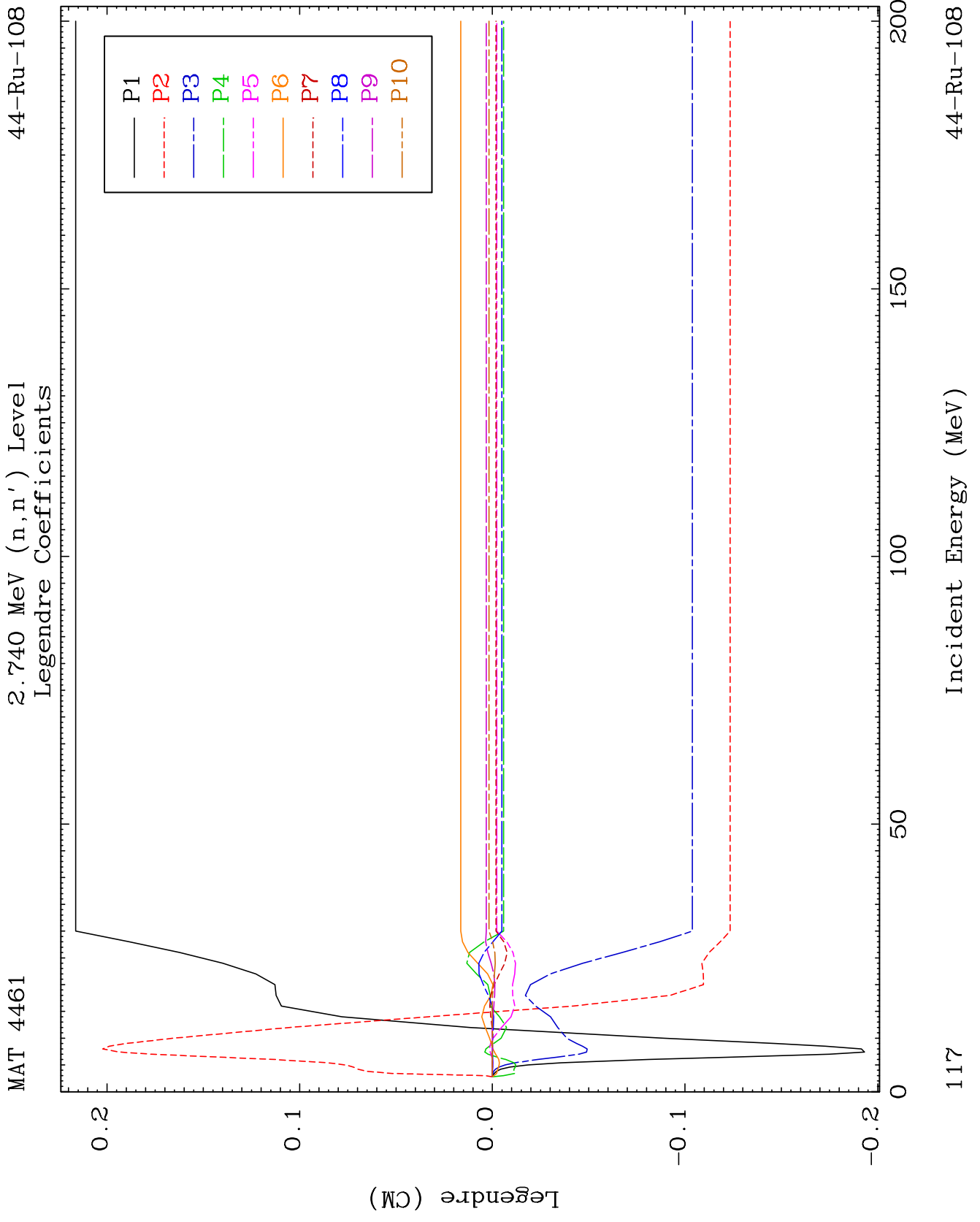
44-Ru-108







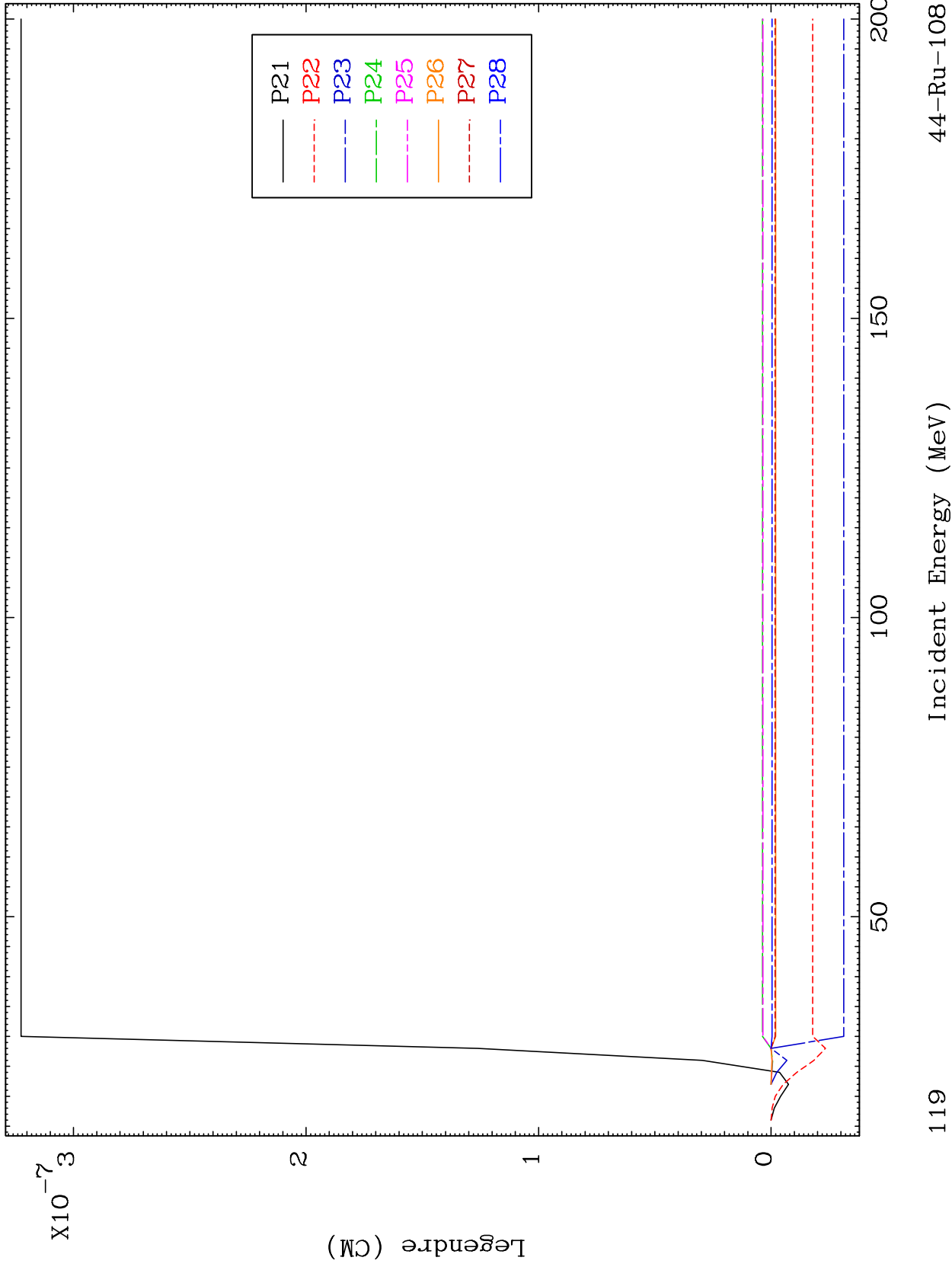




MAT 4461

2.740 MeV (n, n') Level
Legendre Coefficients

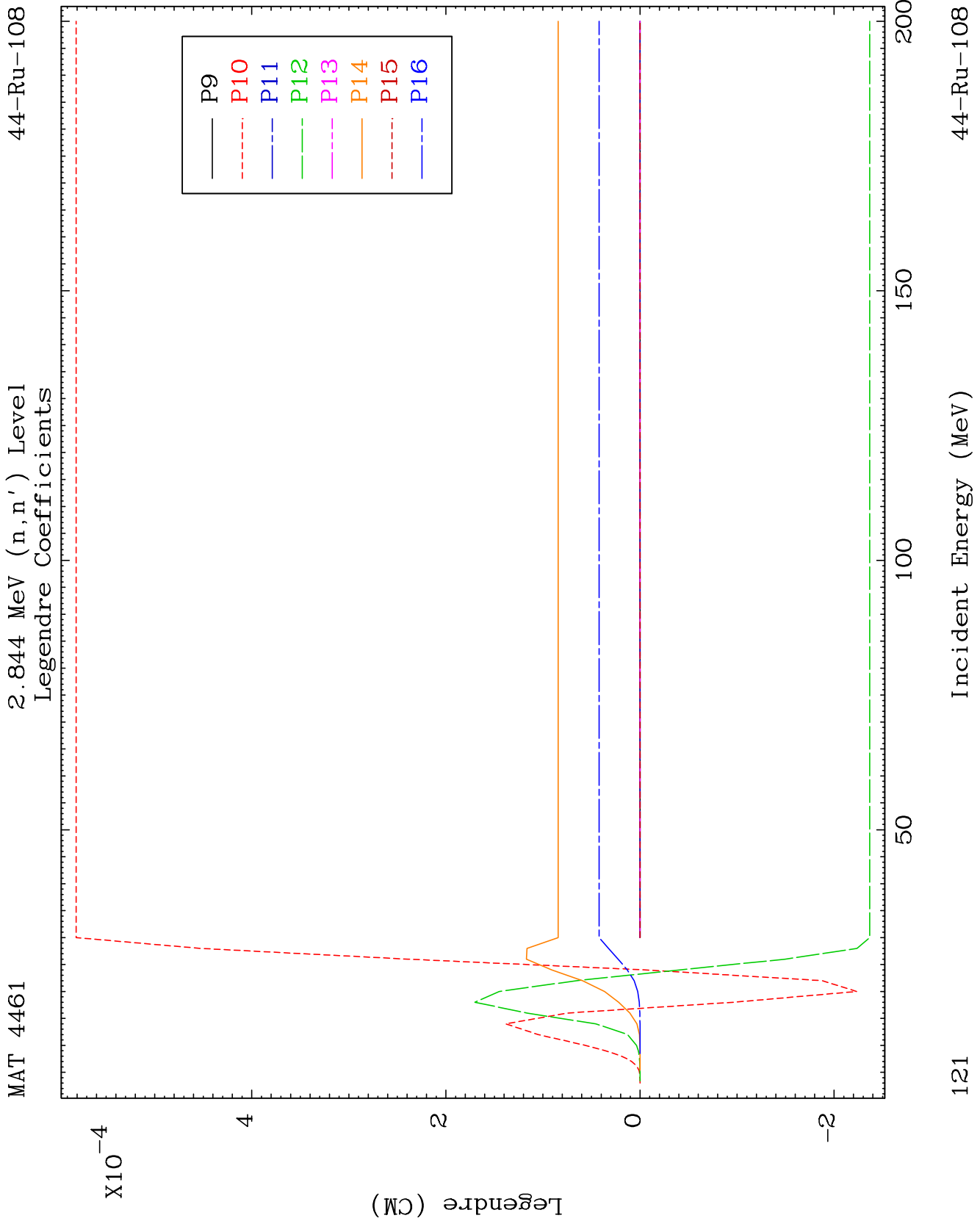
44-Ru-108

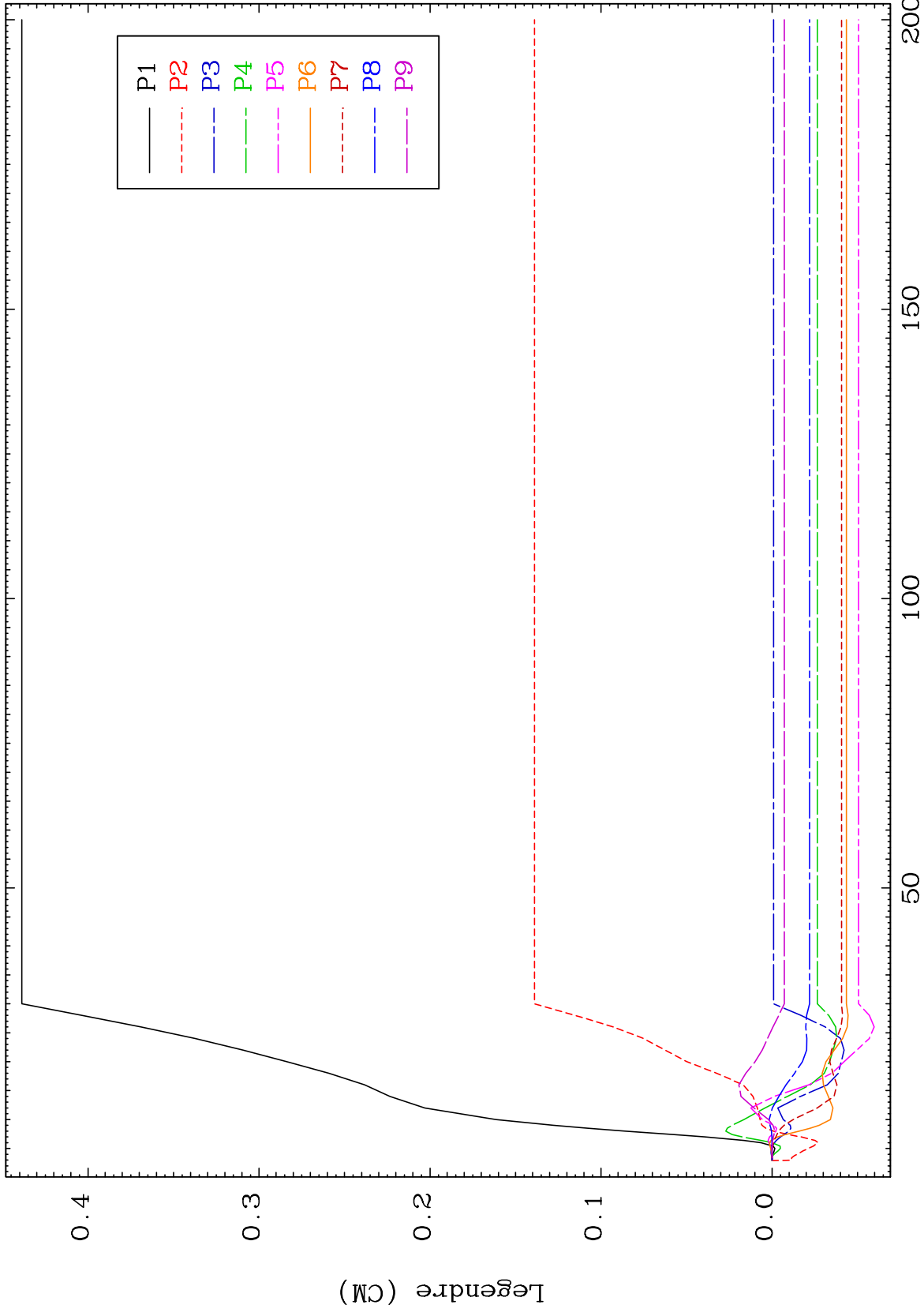


119

Incident Energy (MeV)

44-Ru-108

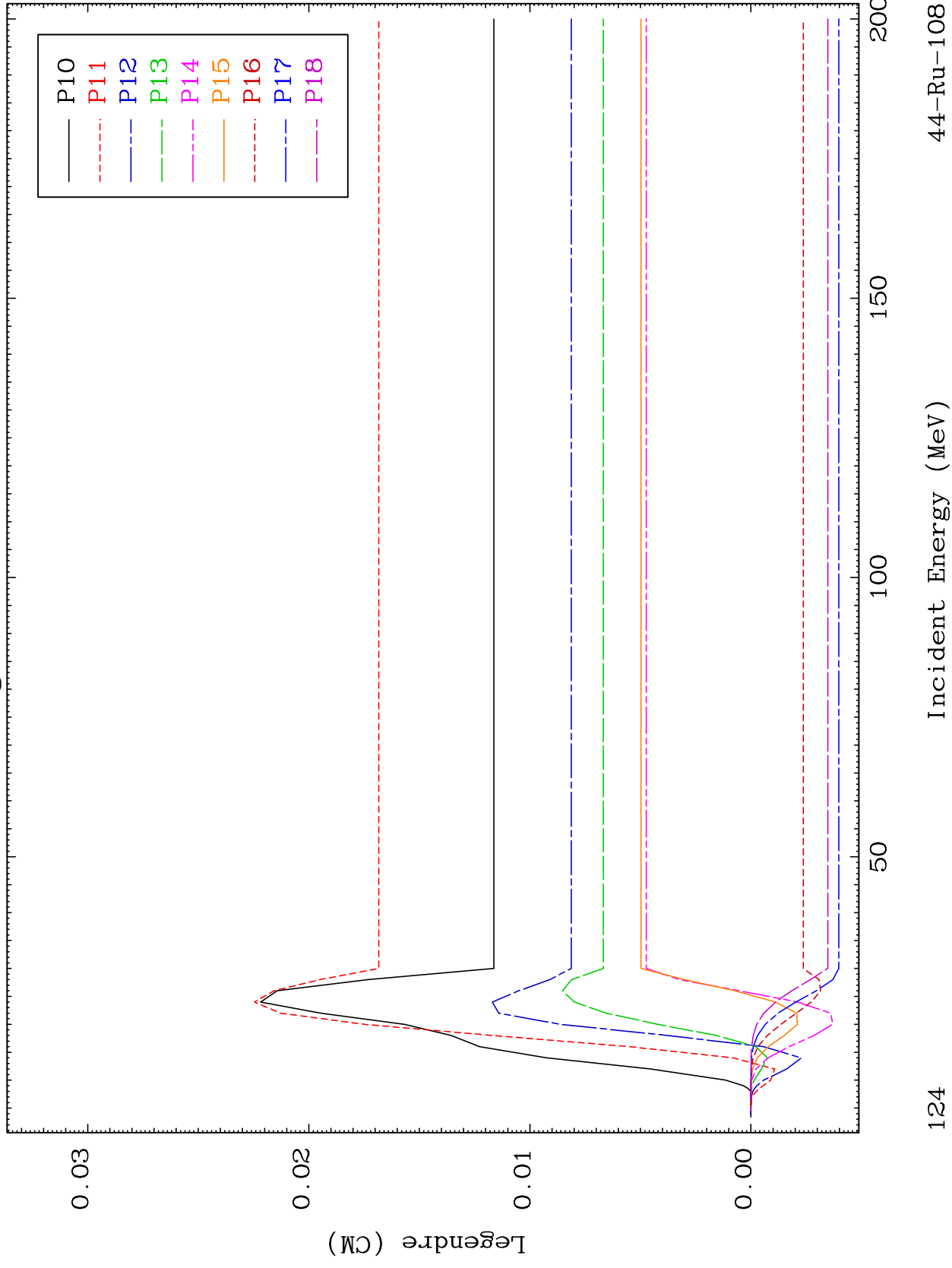




MAT 4461

2.863 MeV (n,n') Level
Legendre Coefficients

44-Ru-108



124

Incident Energy (MeV)

44-Ru-108

