

Program EVALPLOT
(Version 2015-2)

by

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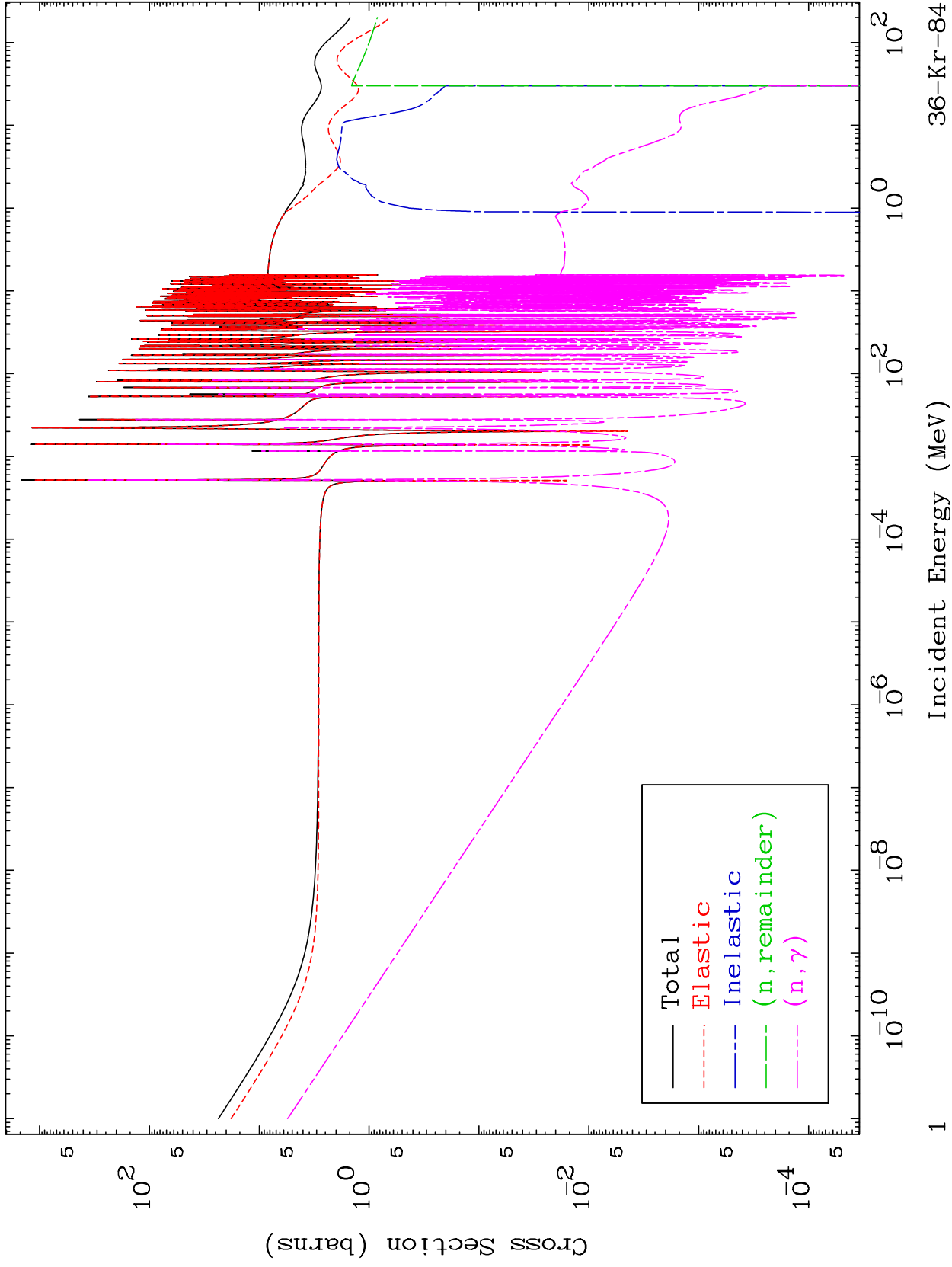
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3643

Major
293 Kelvin Cross Sections

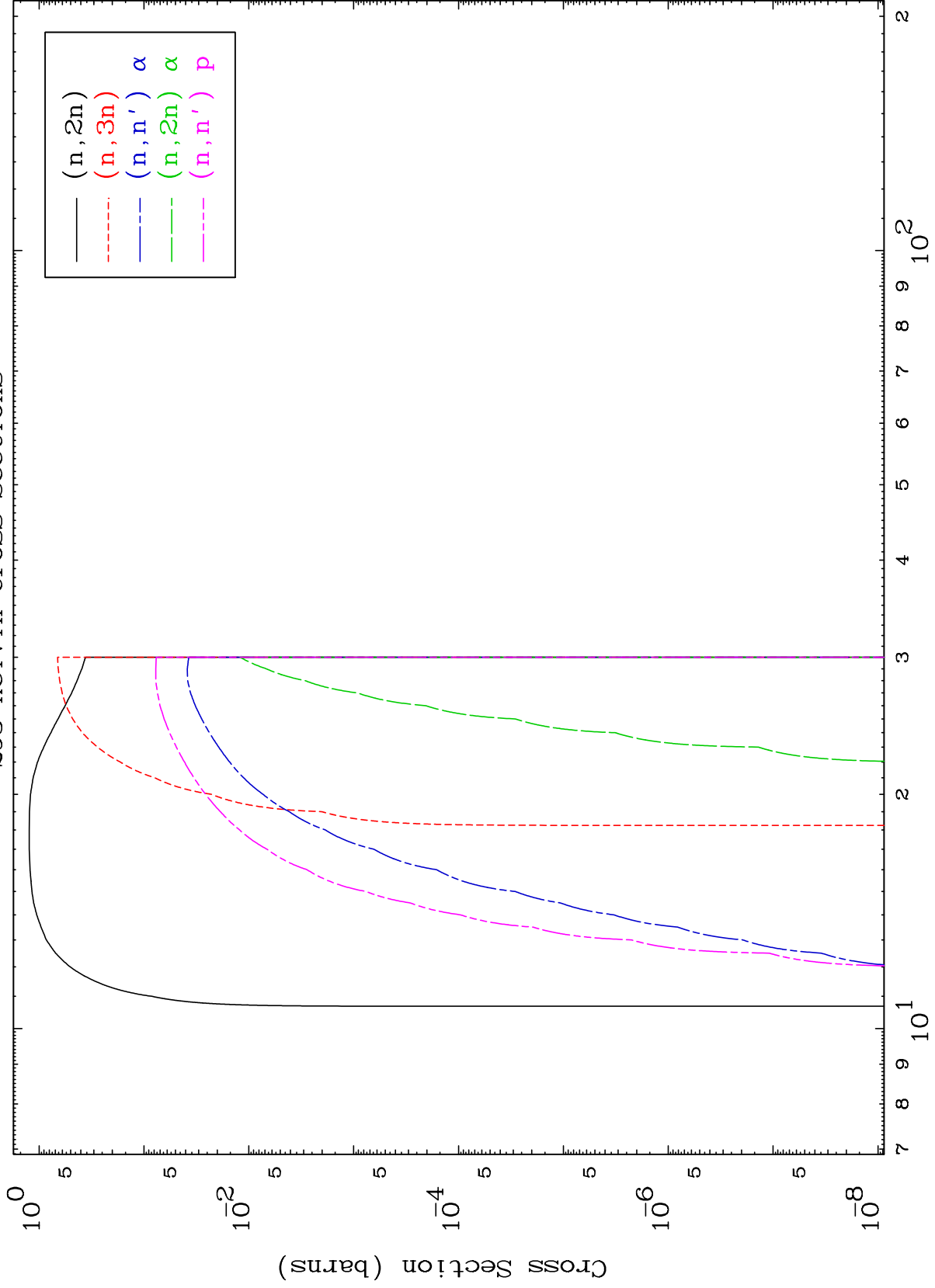
36-Kr-84



MAT 3643

Neutron Production
293 Kelvin Cross Sections

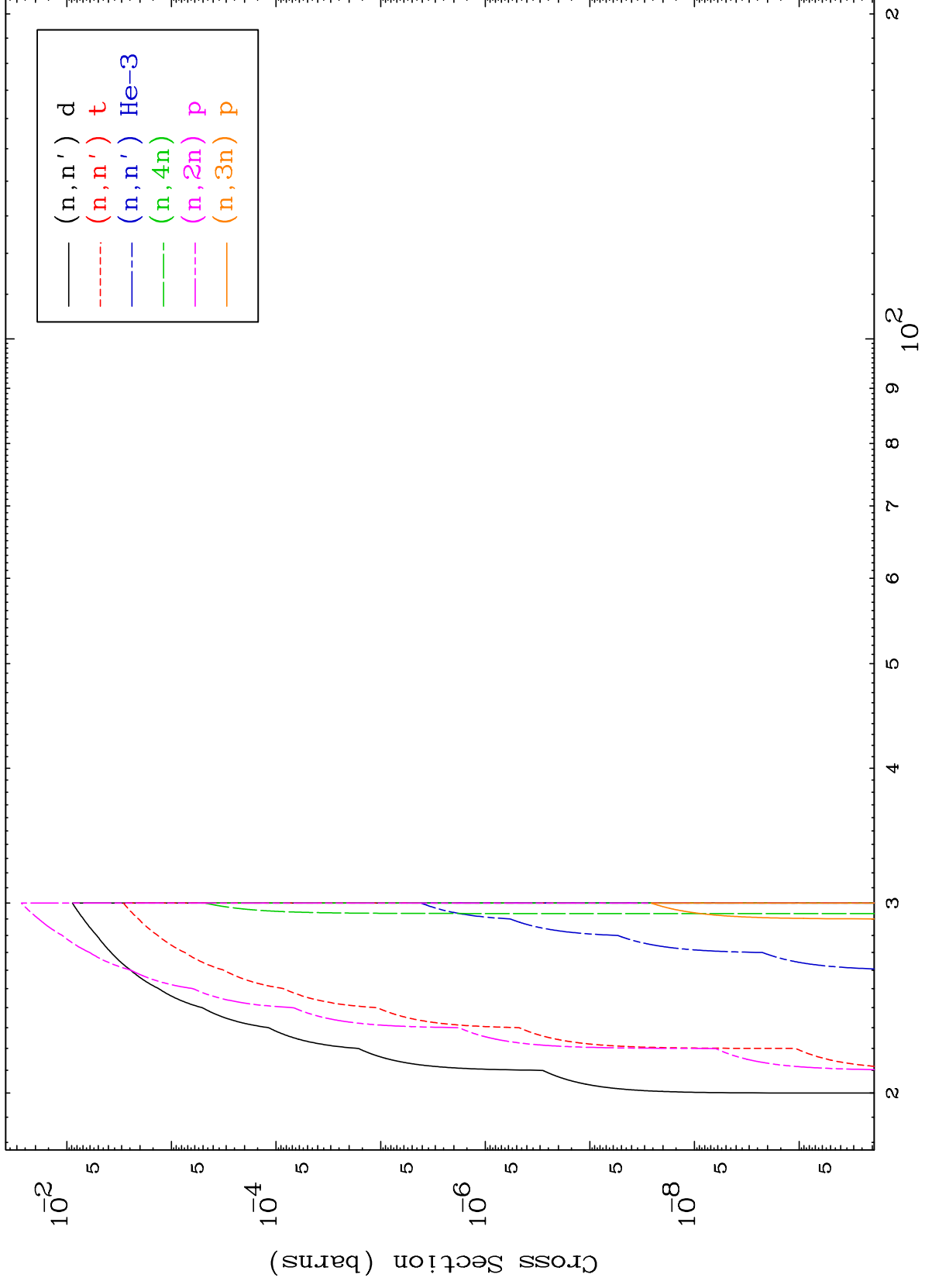
36-Kr-84



2

Incident Energy (MeV)

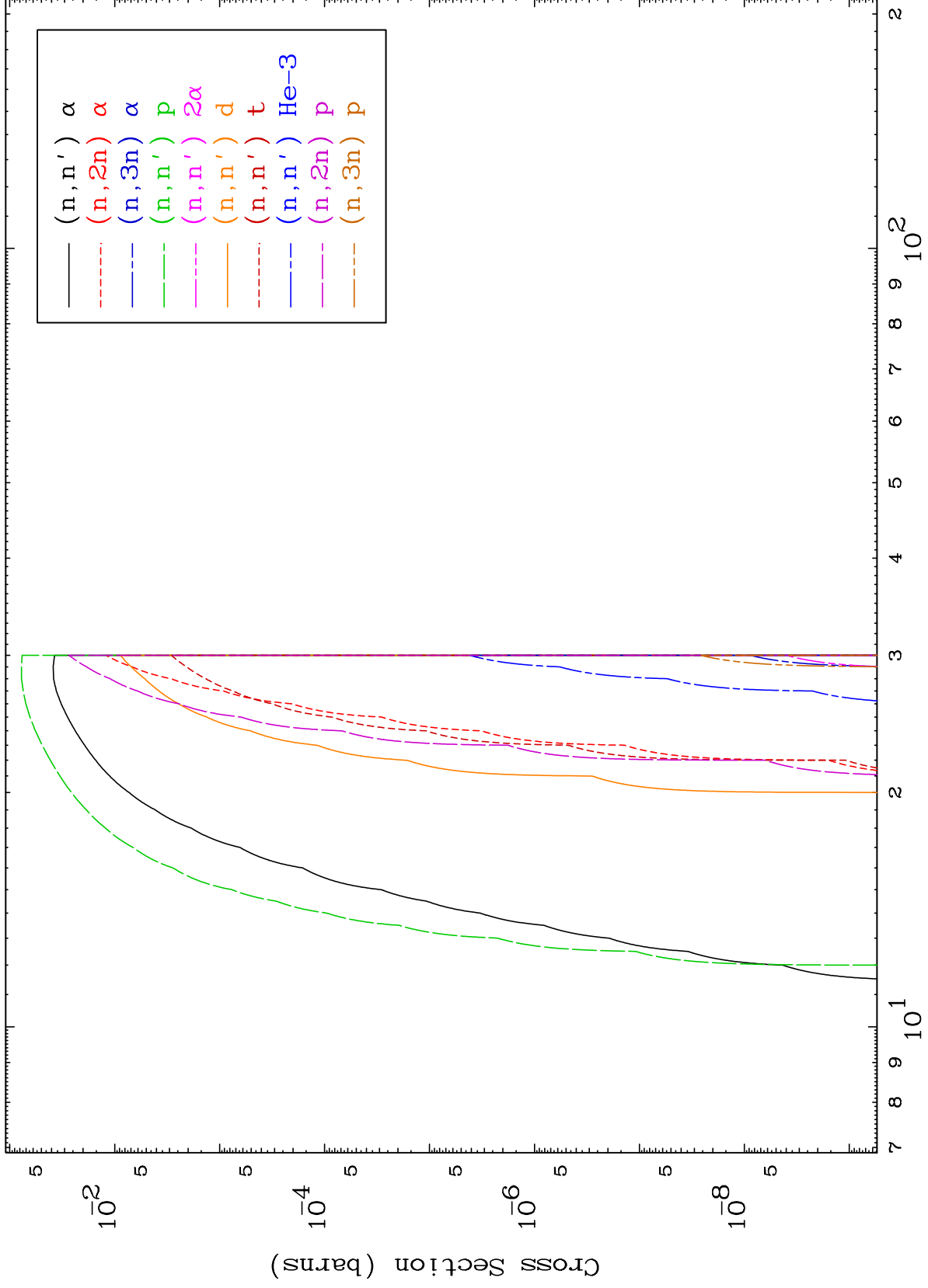
36-Kr-84



MAT 3643

Charged Particle
293 Kelvin Cross Sections

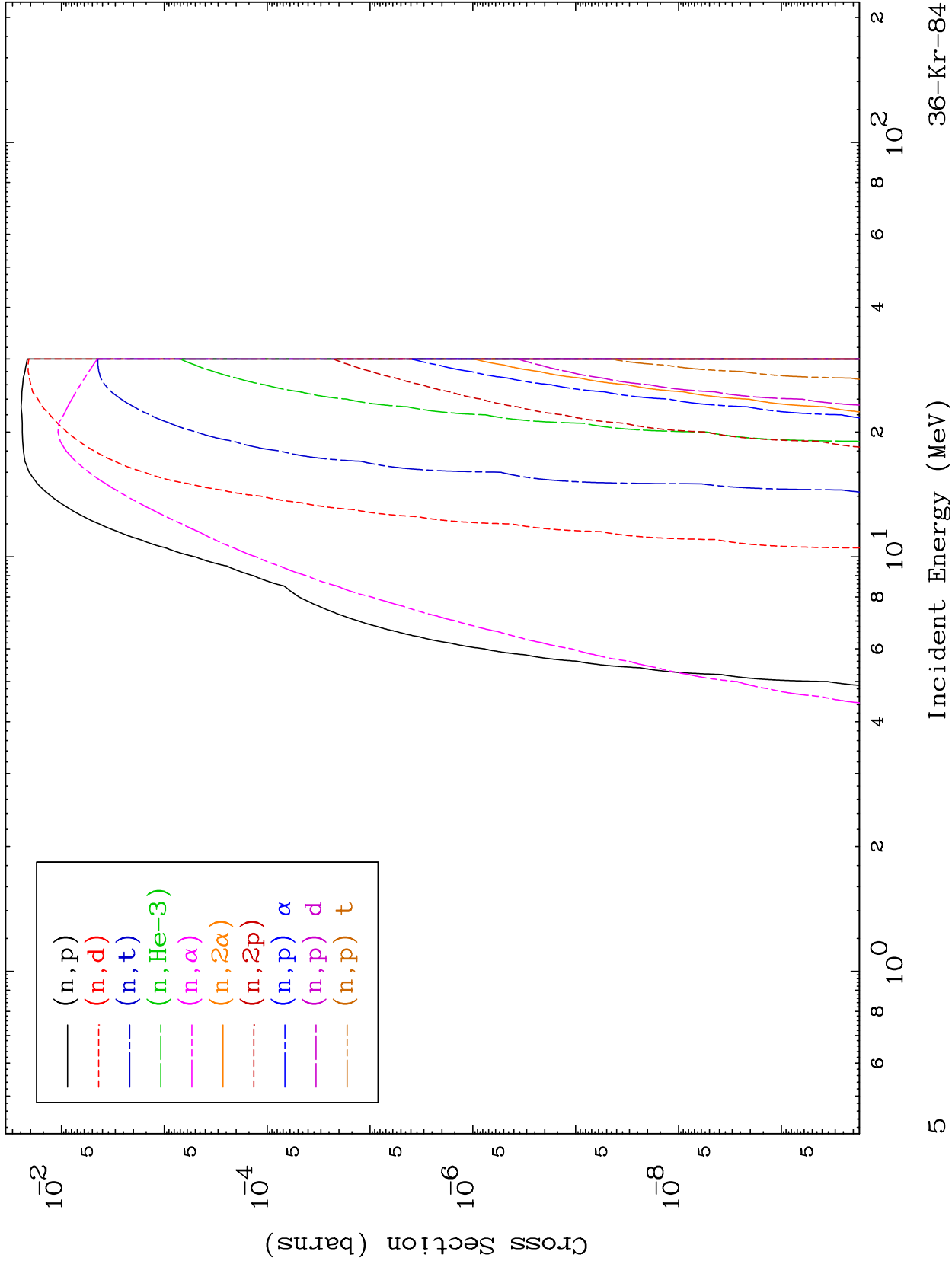
36-Kr-84



4

Incident Energy (MeV)

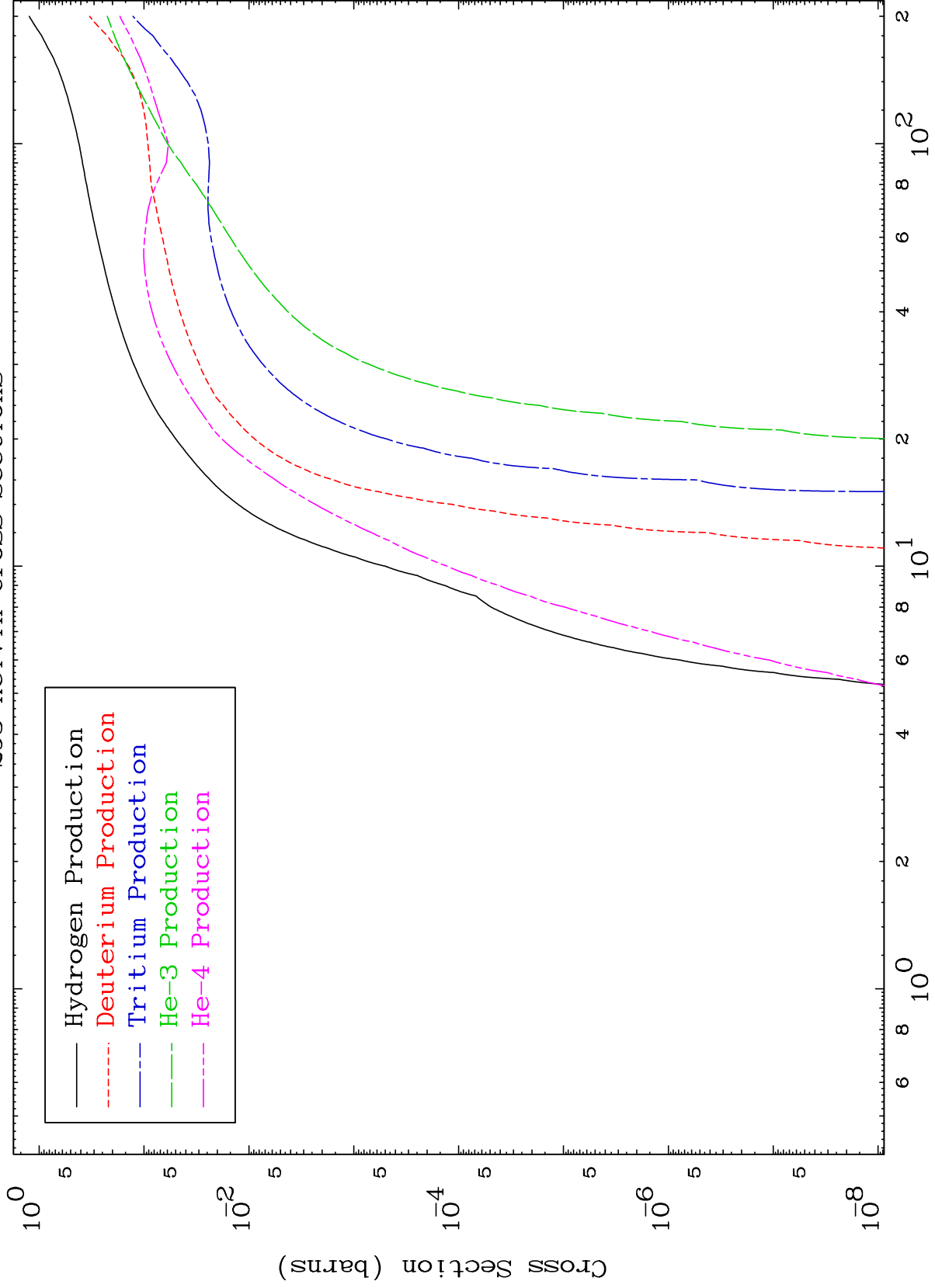
36-Kr-84



MAT 3643

Particle Production
293 Kelvin Cross Sections

36-Kr-84



6

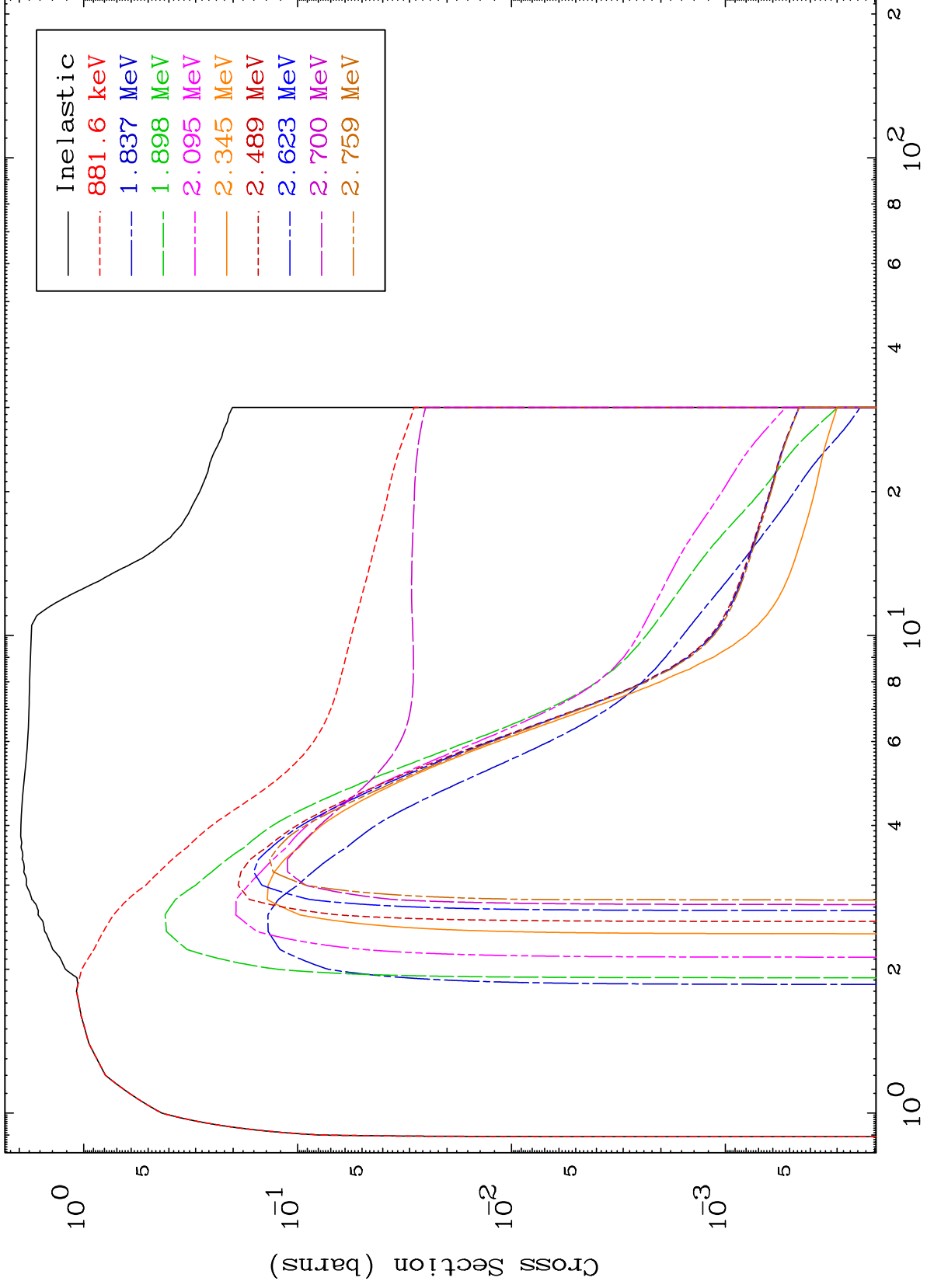
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,n') Level
293 Kelvin Cross Sections

36-Kr-84



7

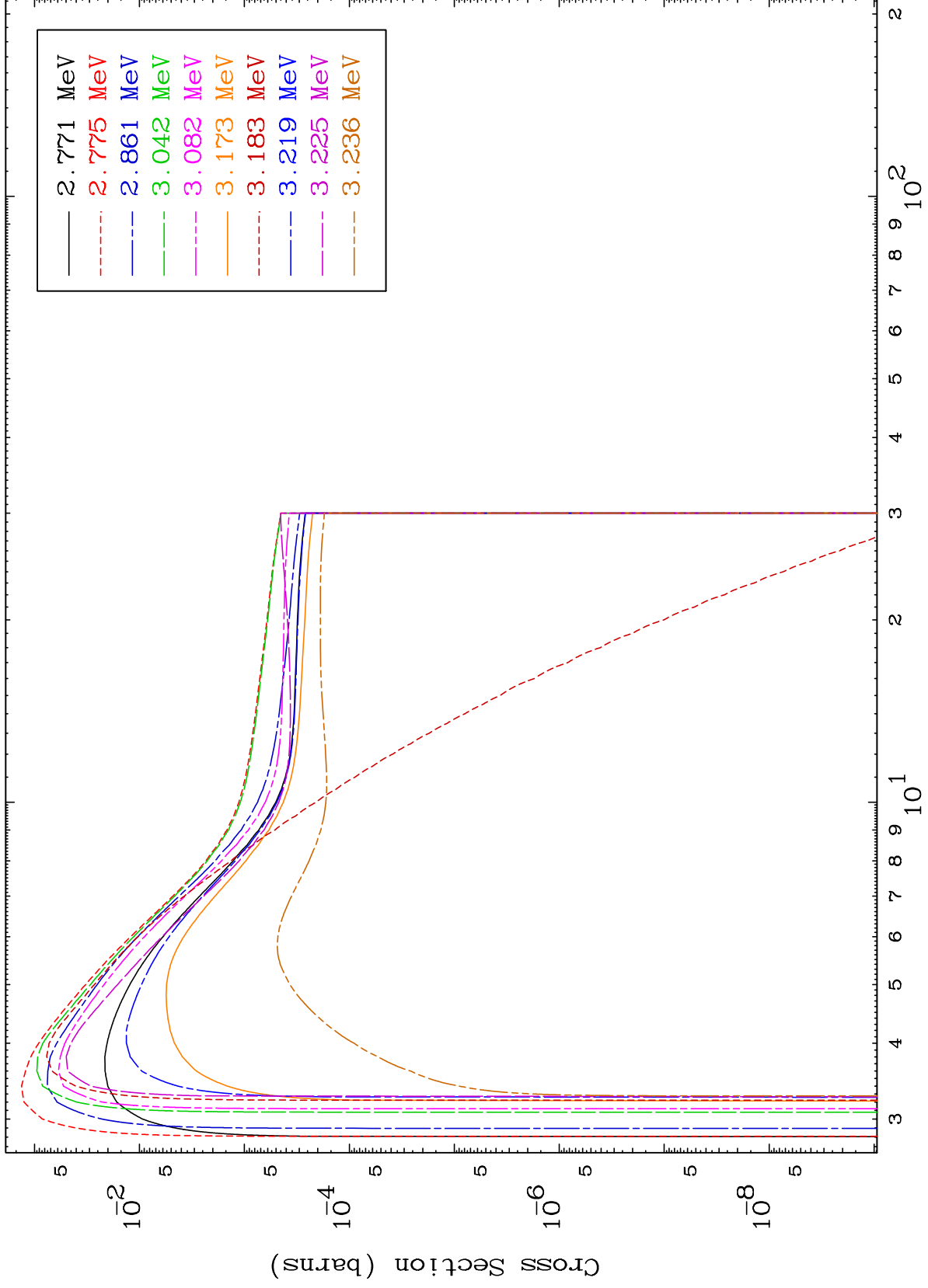
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,n') Level
293 Kelvin Cross Sections

36-Kr-84



8

Incident Energy (MeV)

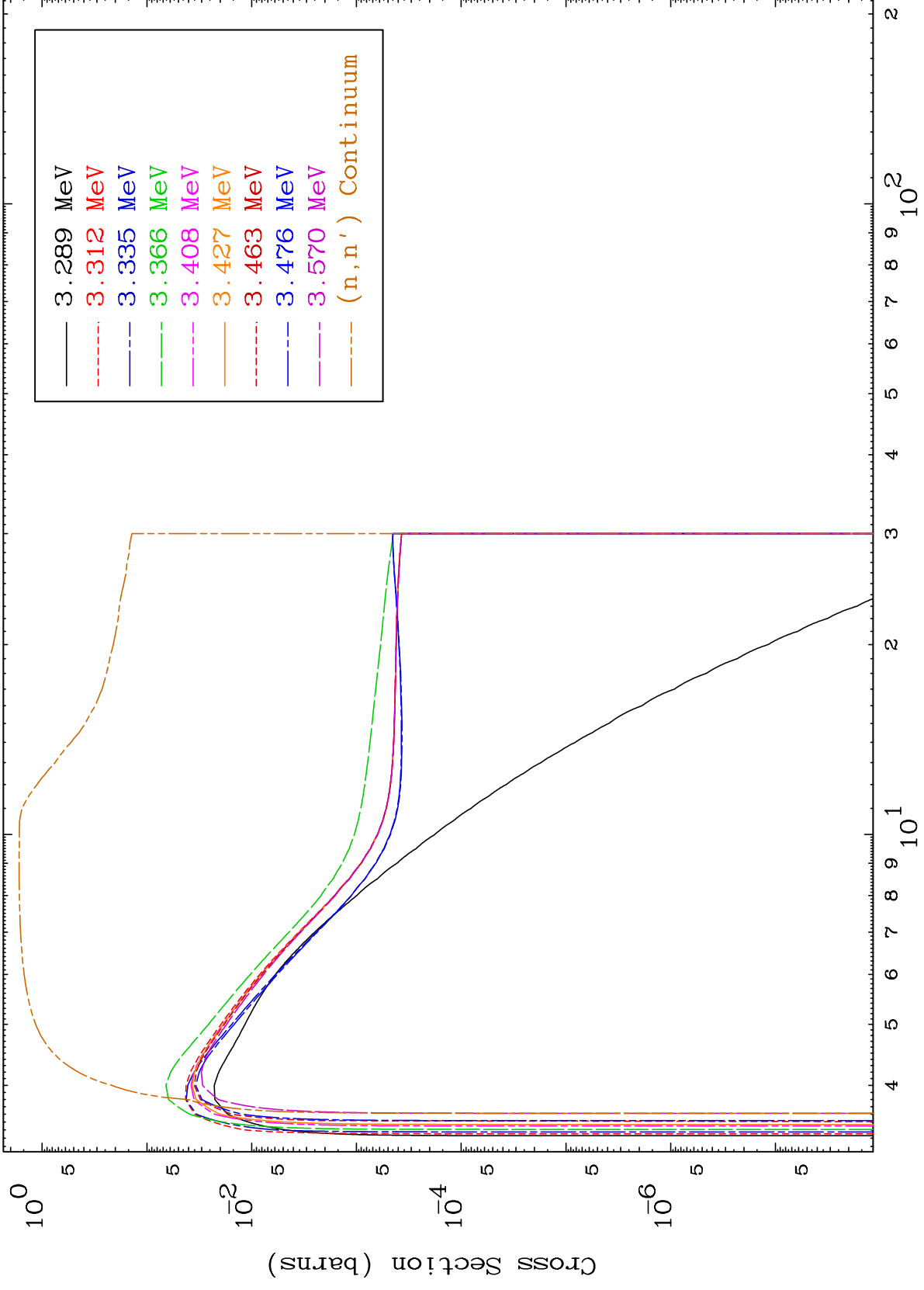
36-Kr-84

MAT 3643

(n,n') Level

36-Kr-84

293 Kelvin Cross Sections



9

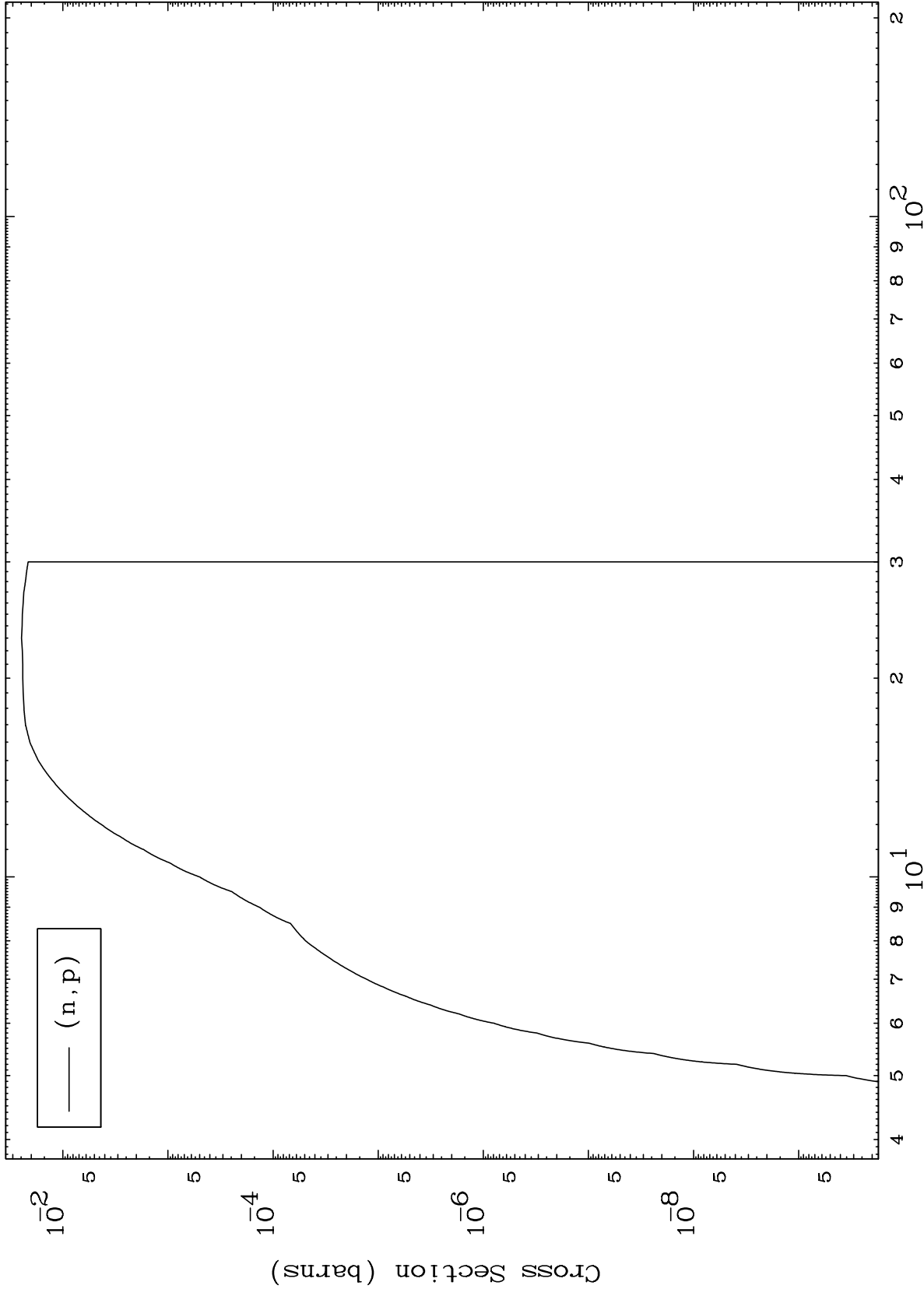
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-84



10

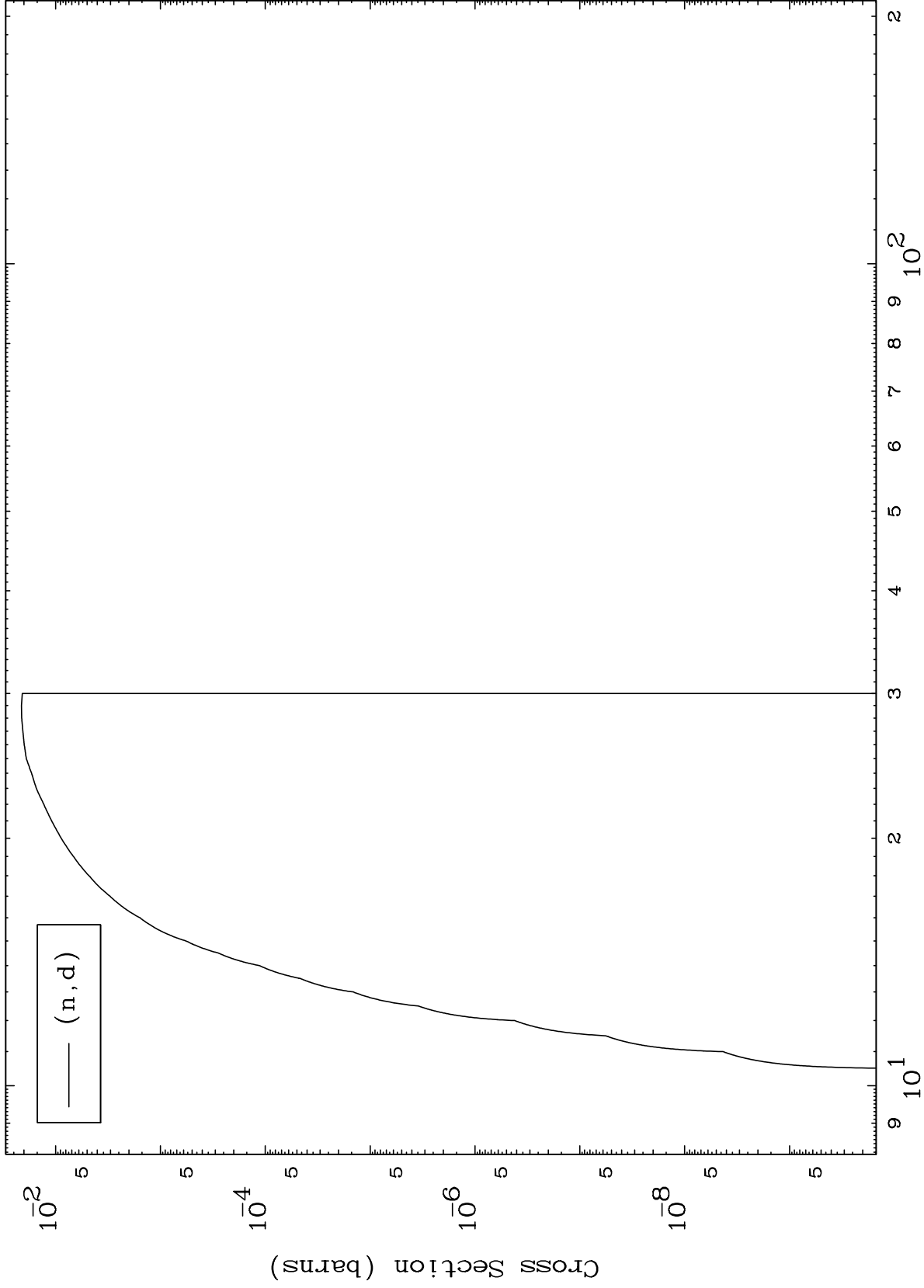
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-84



11

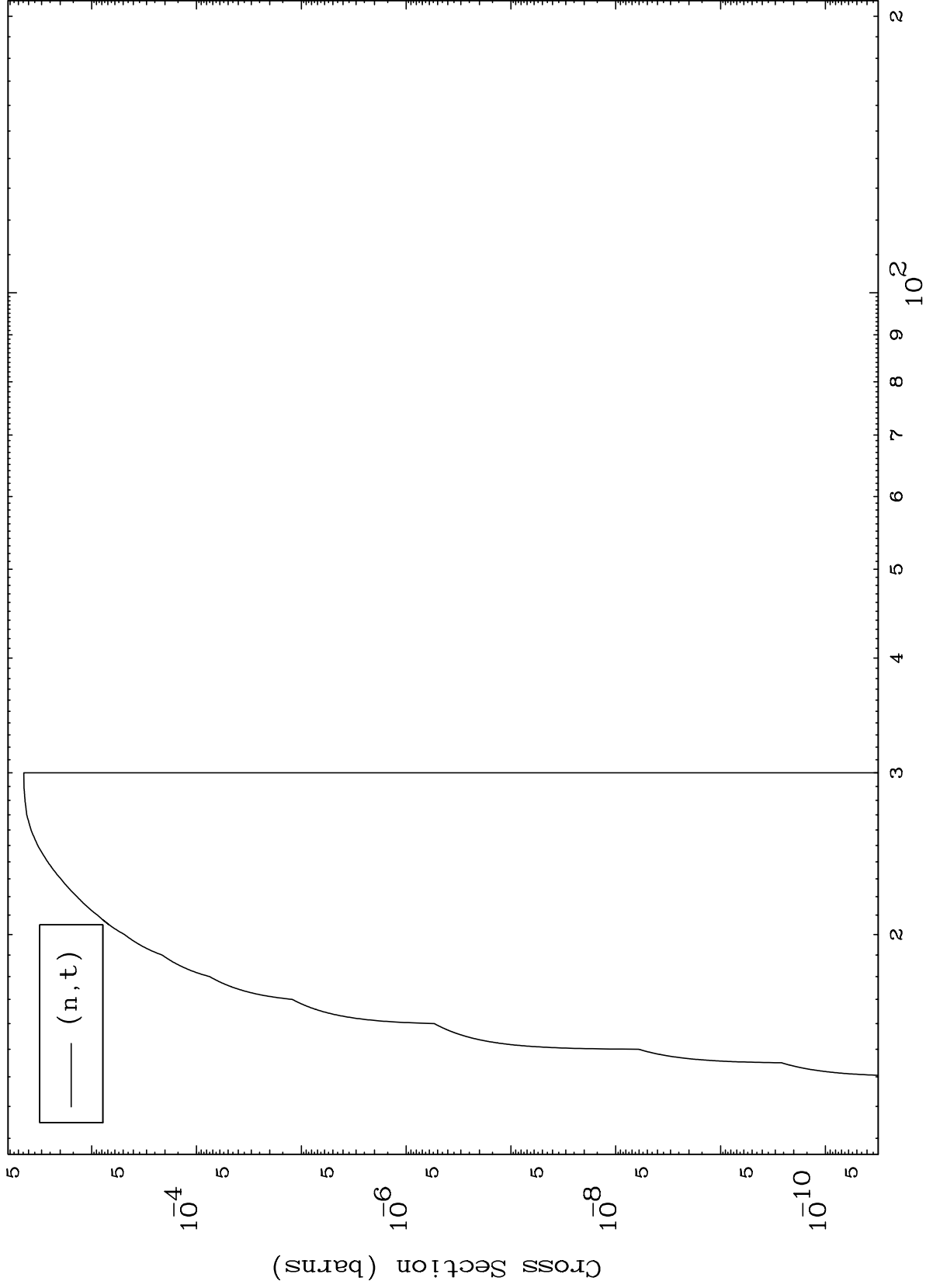
Incident Energy (MeV)

36-Kr-84

MAT 3643

(n,t) Levels
293 Kelvin Cross Sections

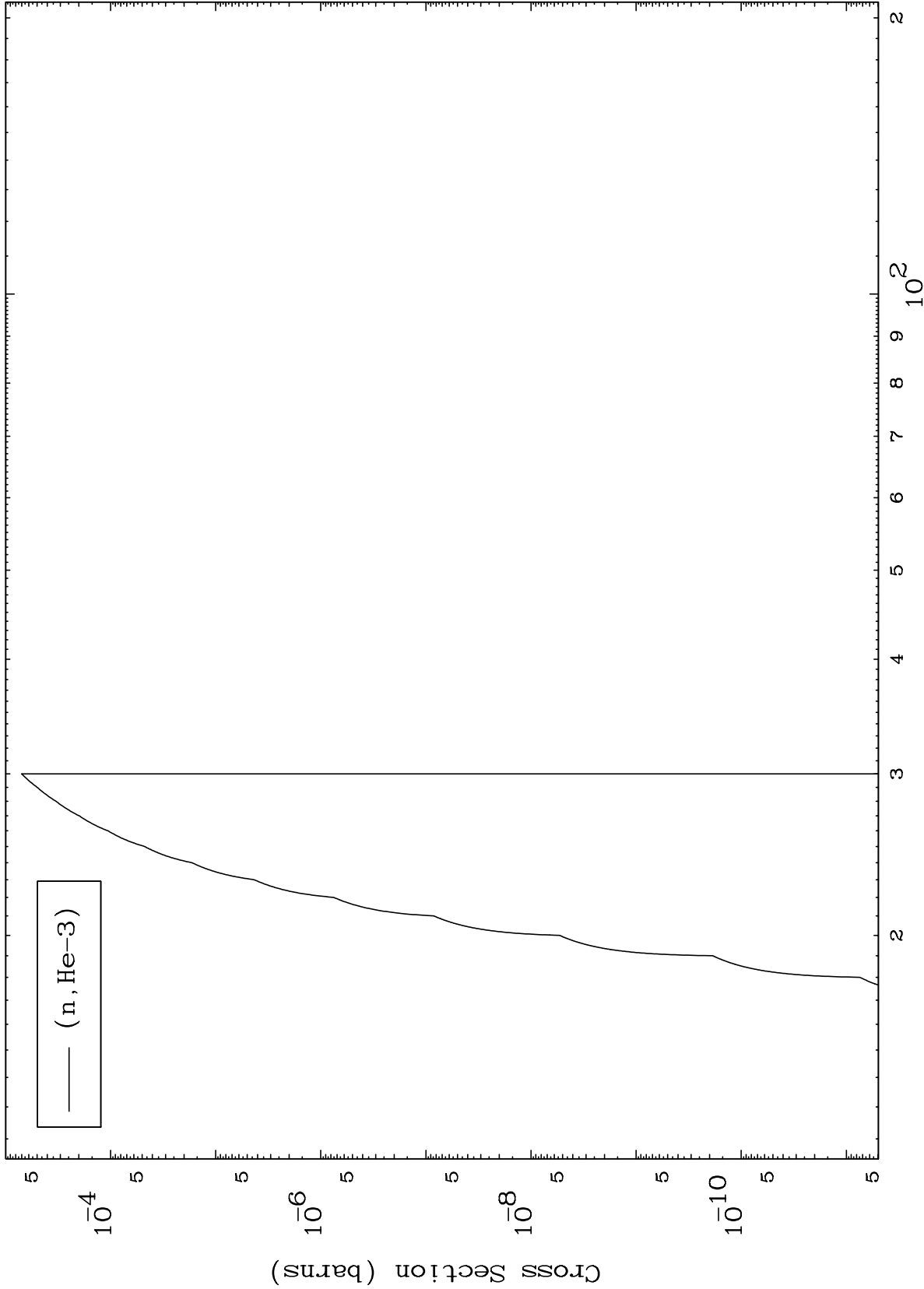
36-Kr-84



12

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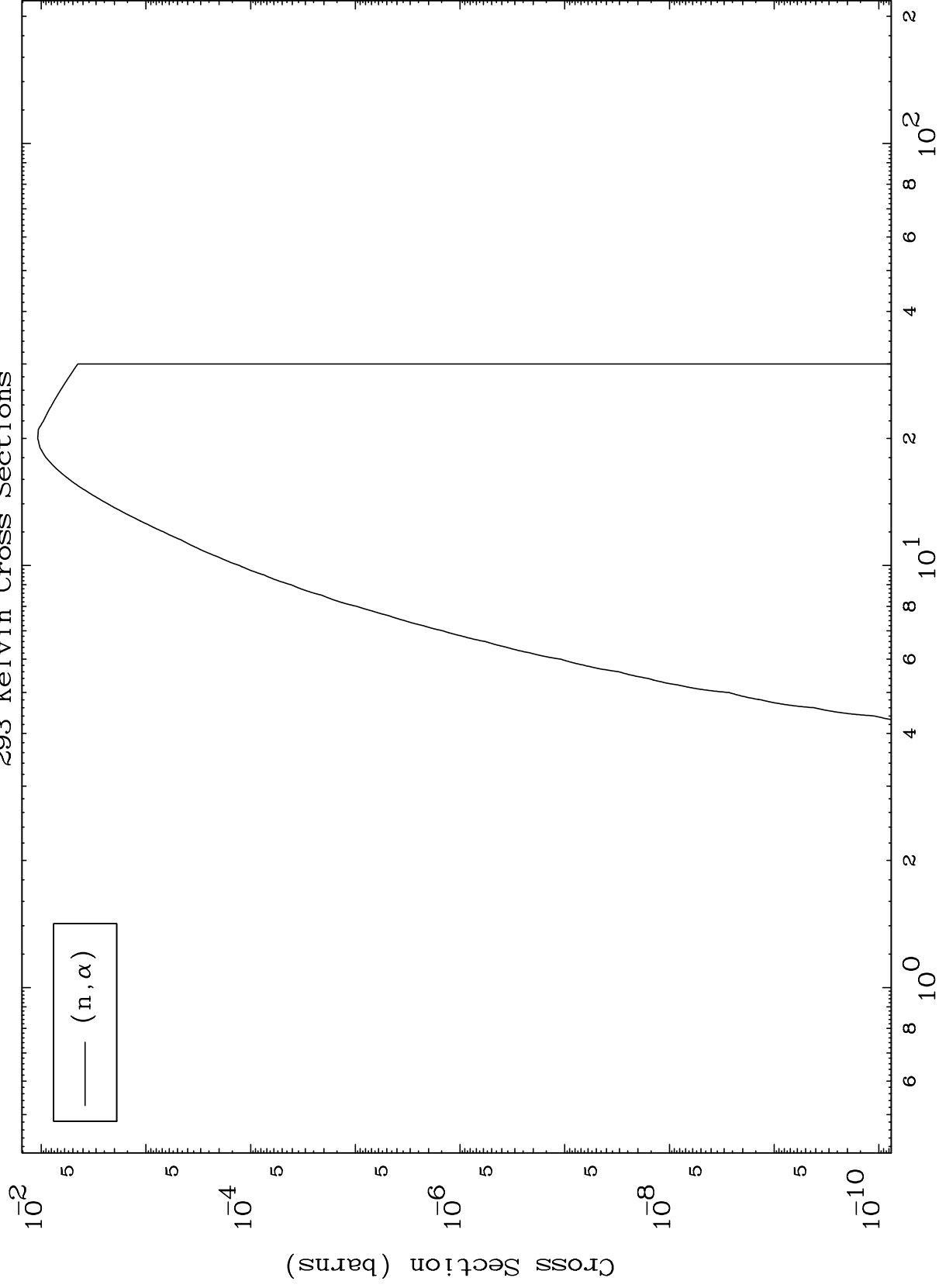
36-Kr-84



MAT 3643

(n,α) Levels
293 Kelvin Cross Sections

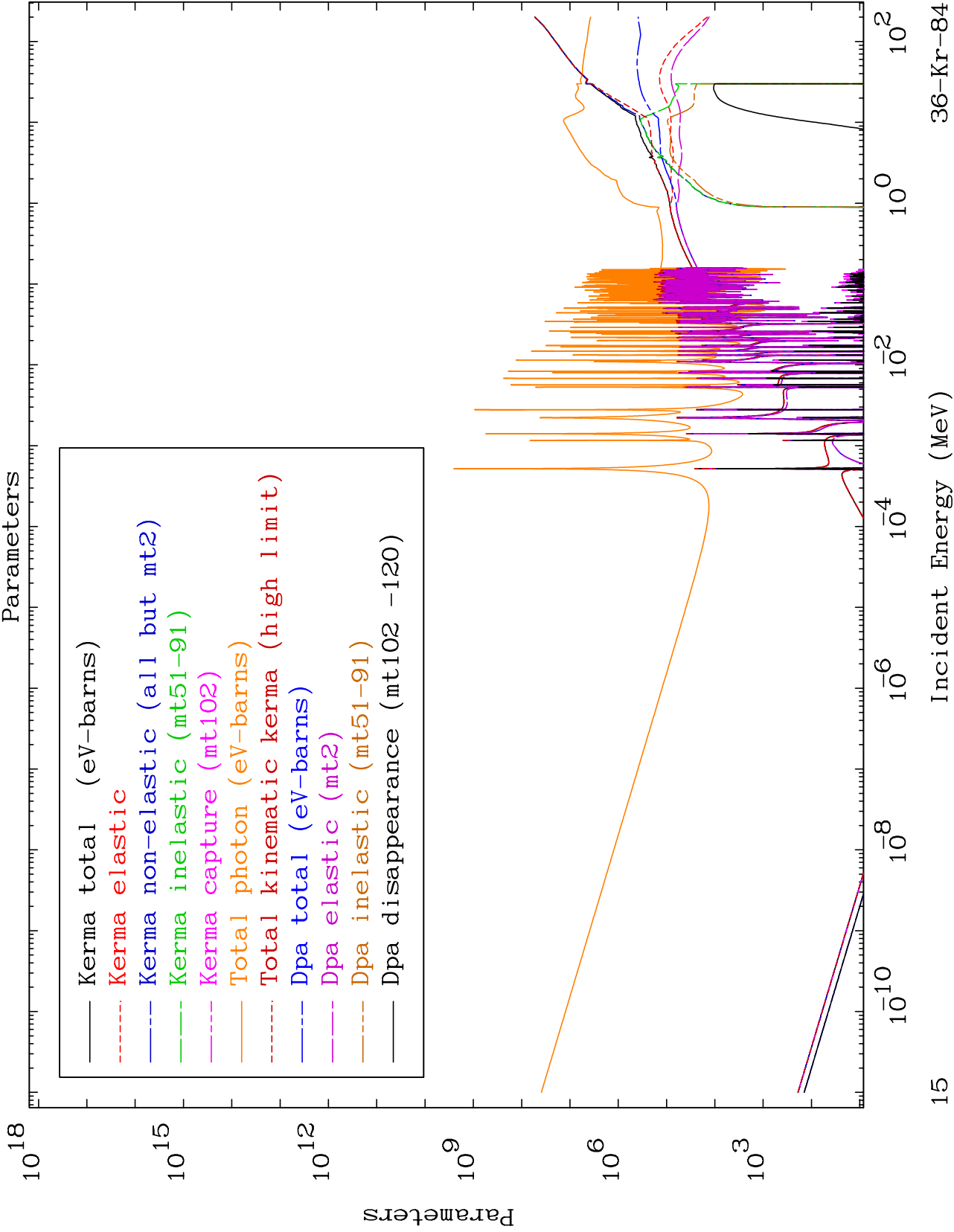
36-Kr-84



14

Incident Energy (MeV)

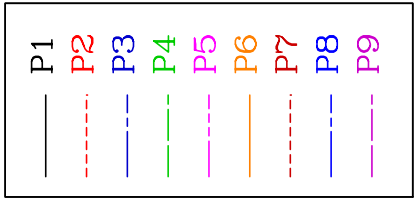
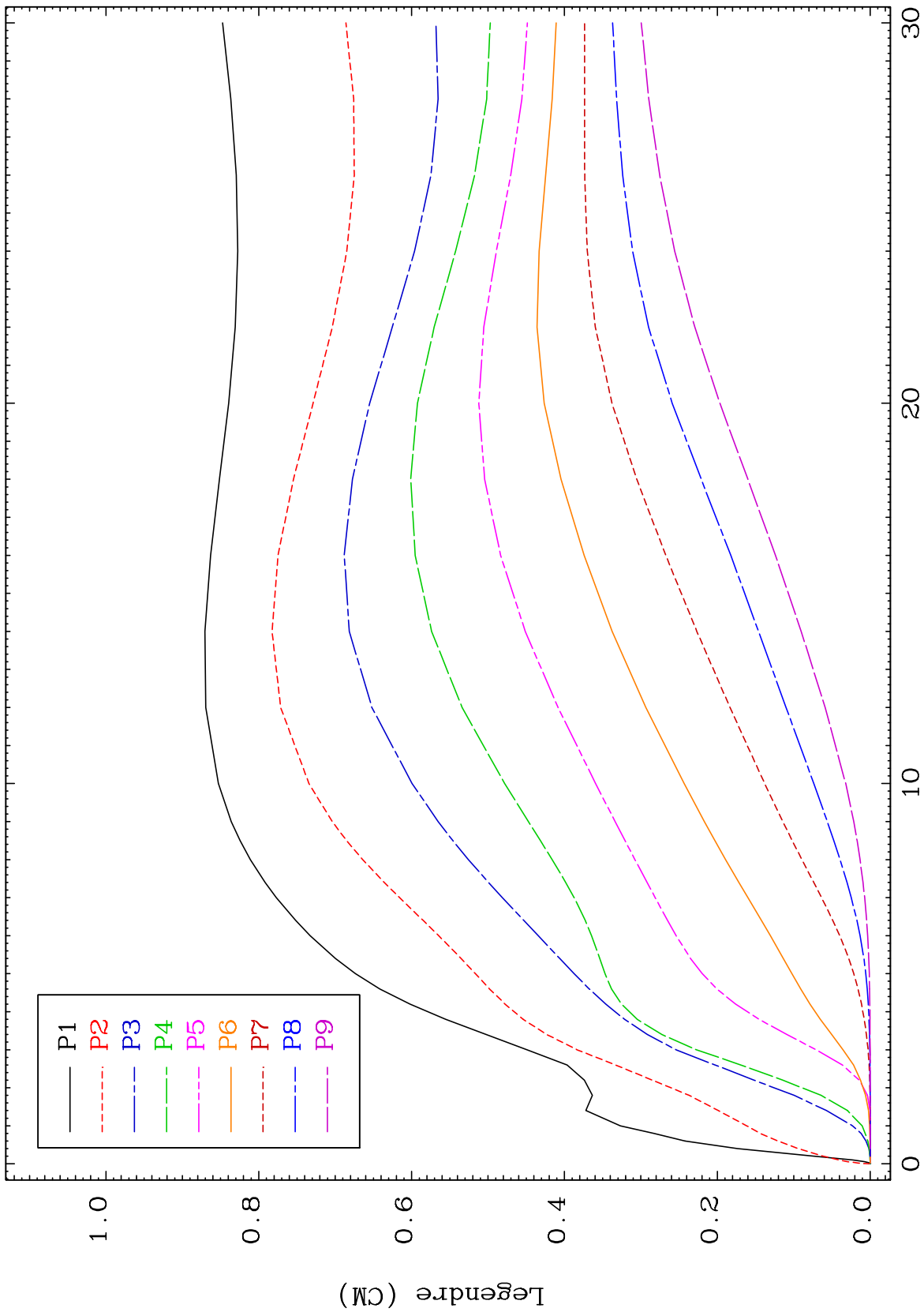
36-Kr-84



MAT 3643

Elastic Legendre Coefficients

36-Kr-84



16

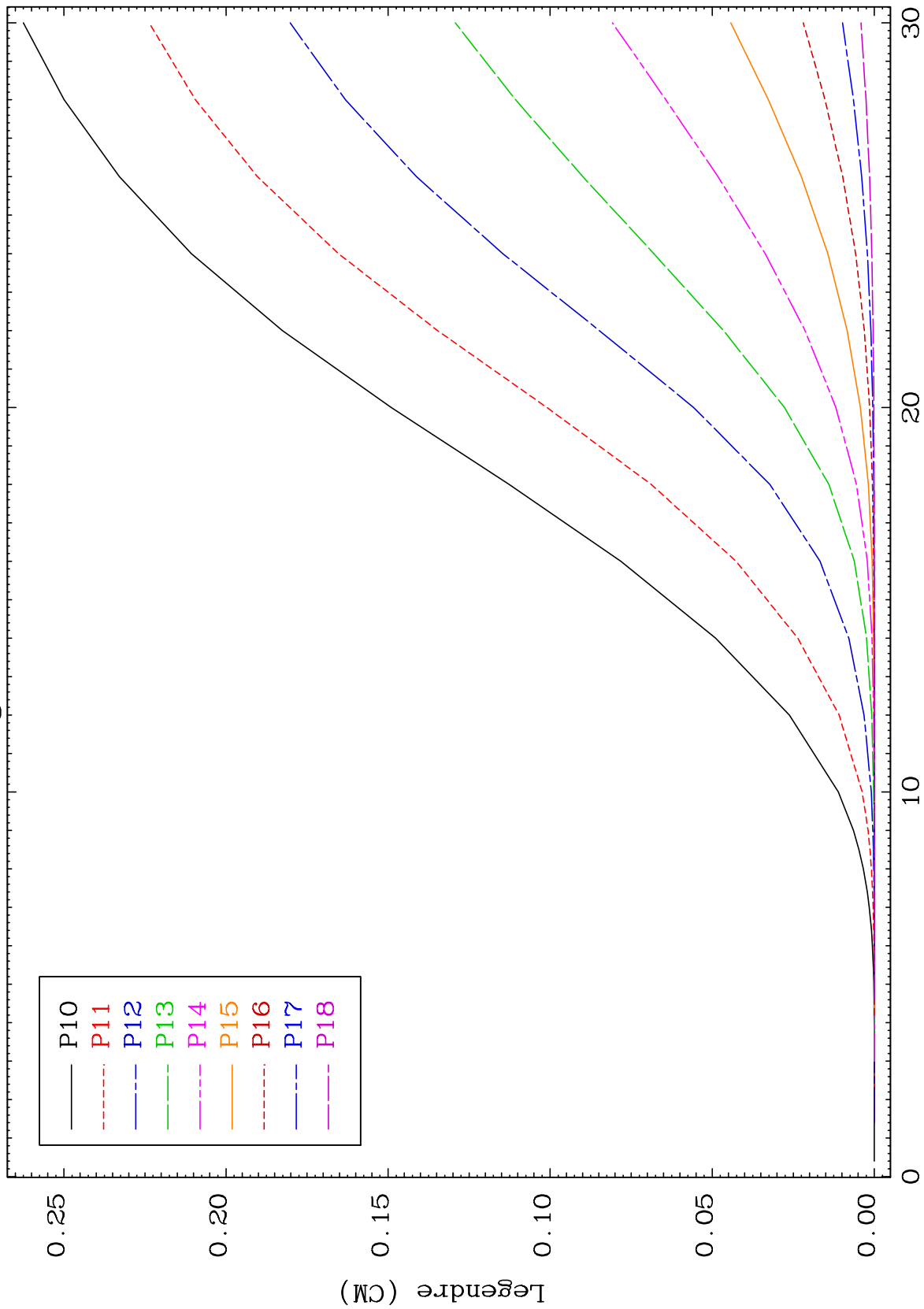
Incident Energy (MeV)

36-Kr-84

MAT 3643

Elastic Legendre Coefficients

36-Kr-84



17

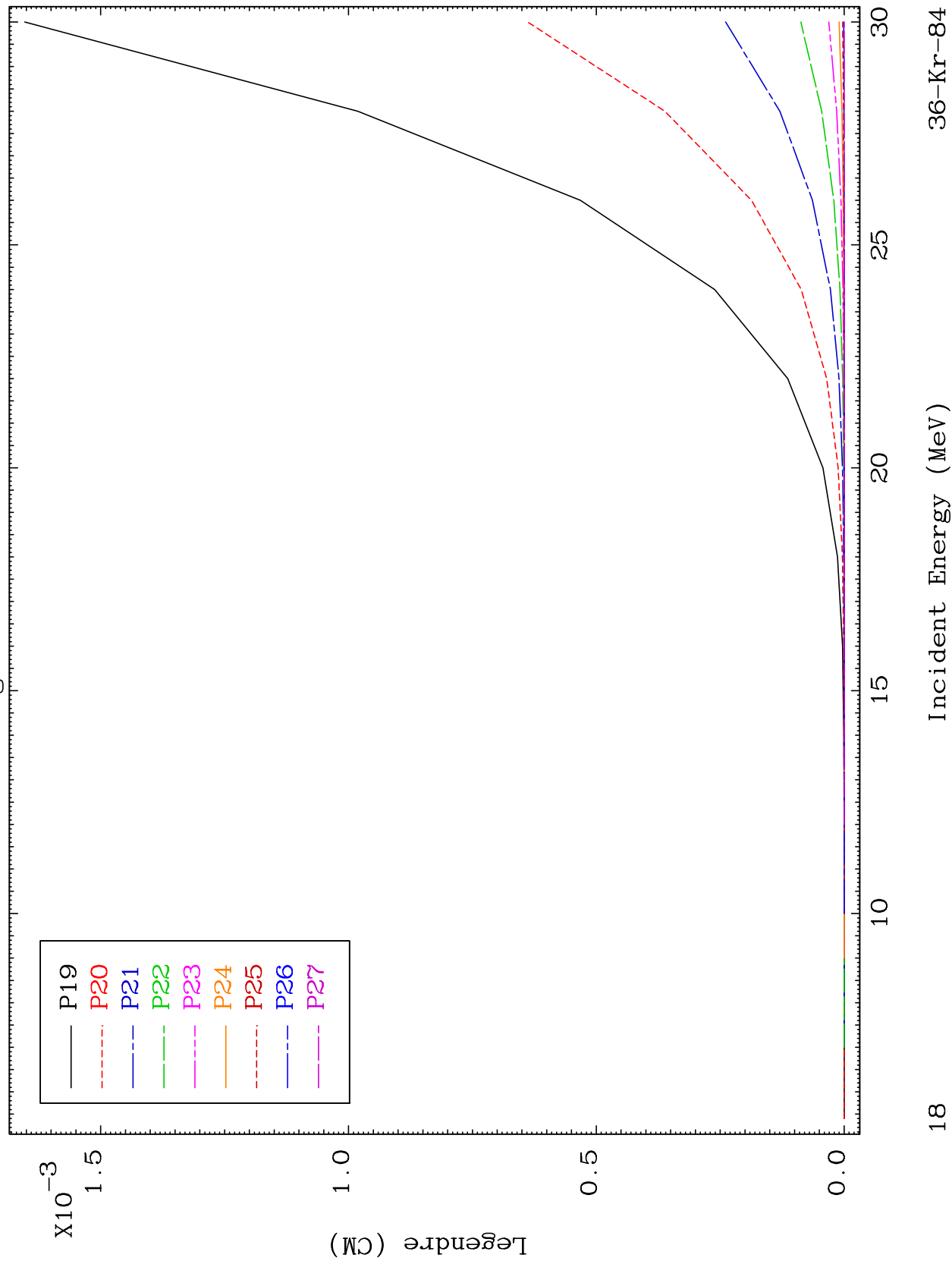
Incident Energy (MeV)

36-Kr-84

MAT 3643

Elastic Legendre Coefficients

36-Kr-84



18

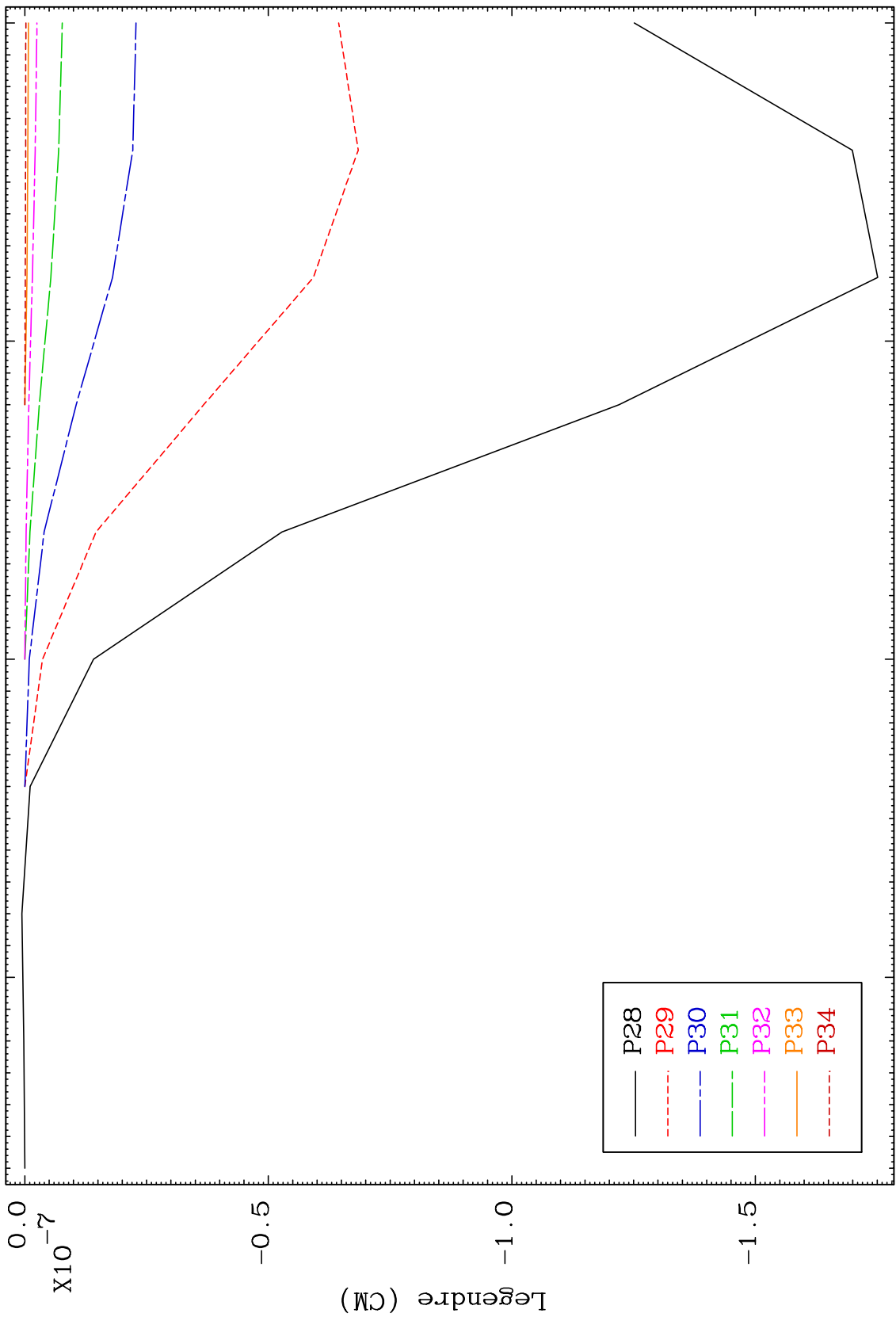
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

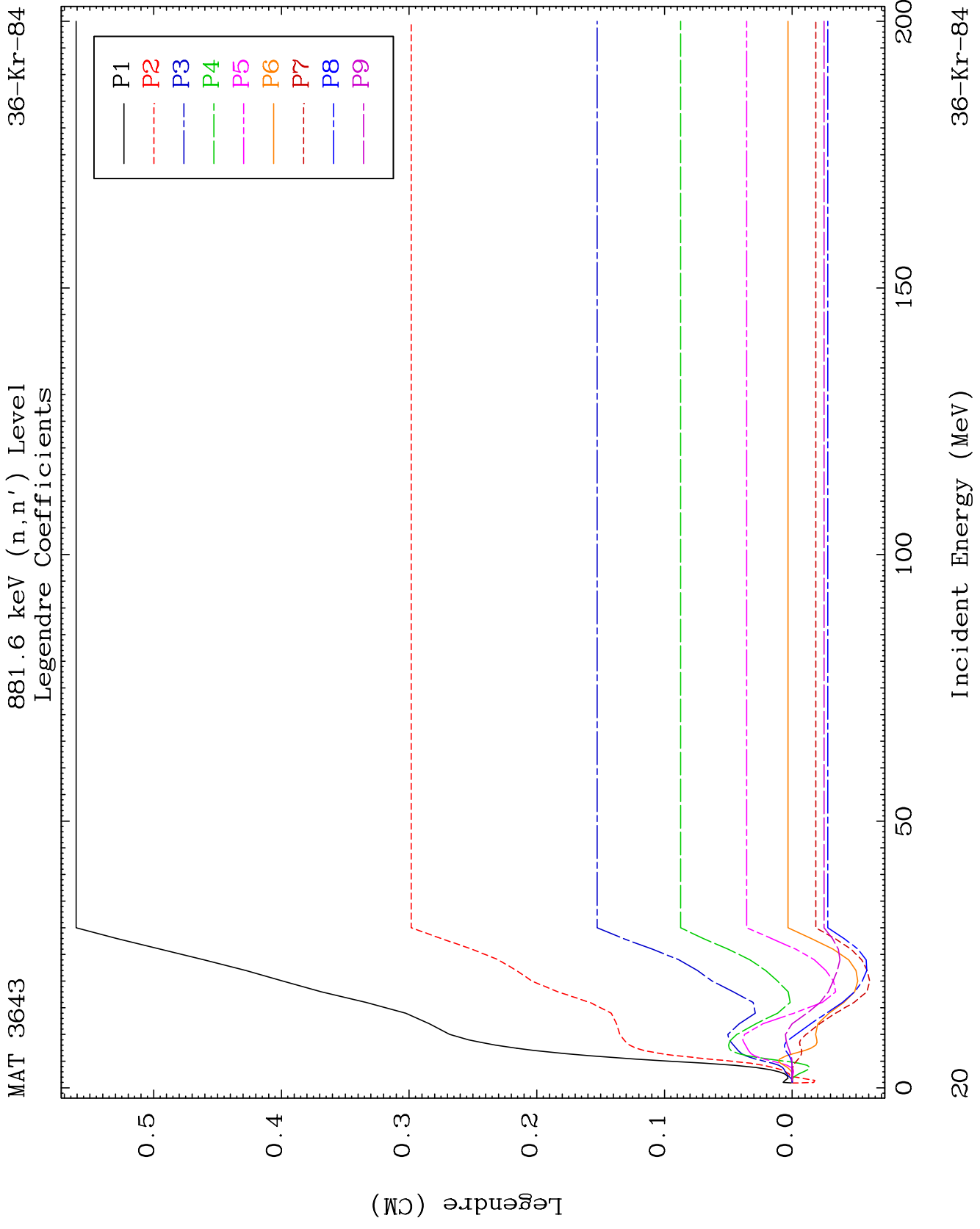
Elastic Legendre Coefficients



19

Incident Energy (MeV)

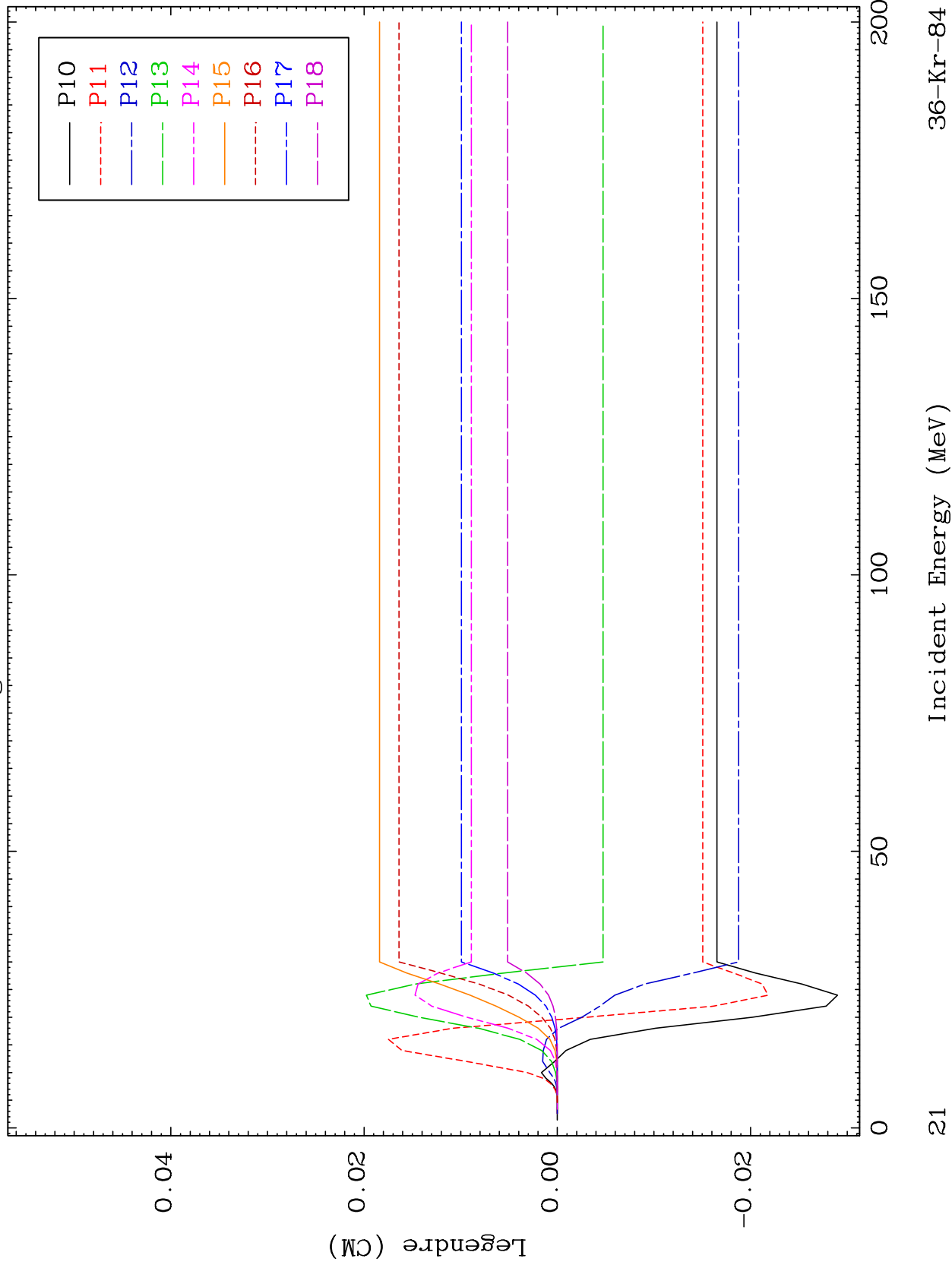
36-Kr-84



MAT 3643

881.6 keV (n,n') Level
Legendre Coefficients

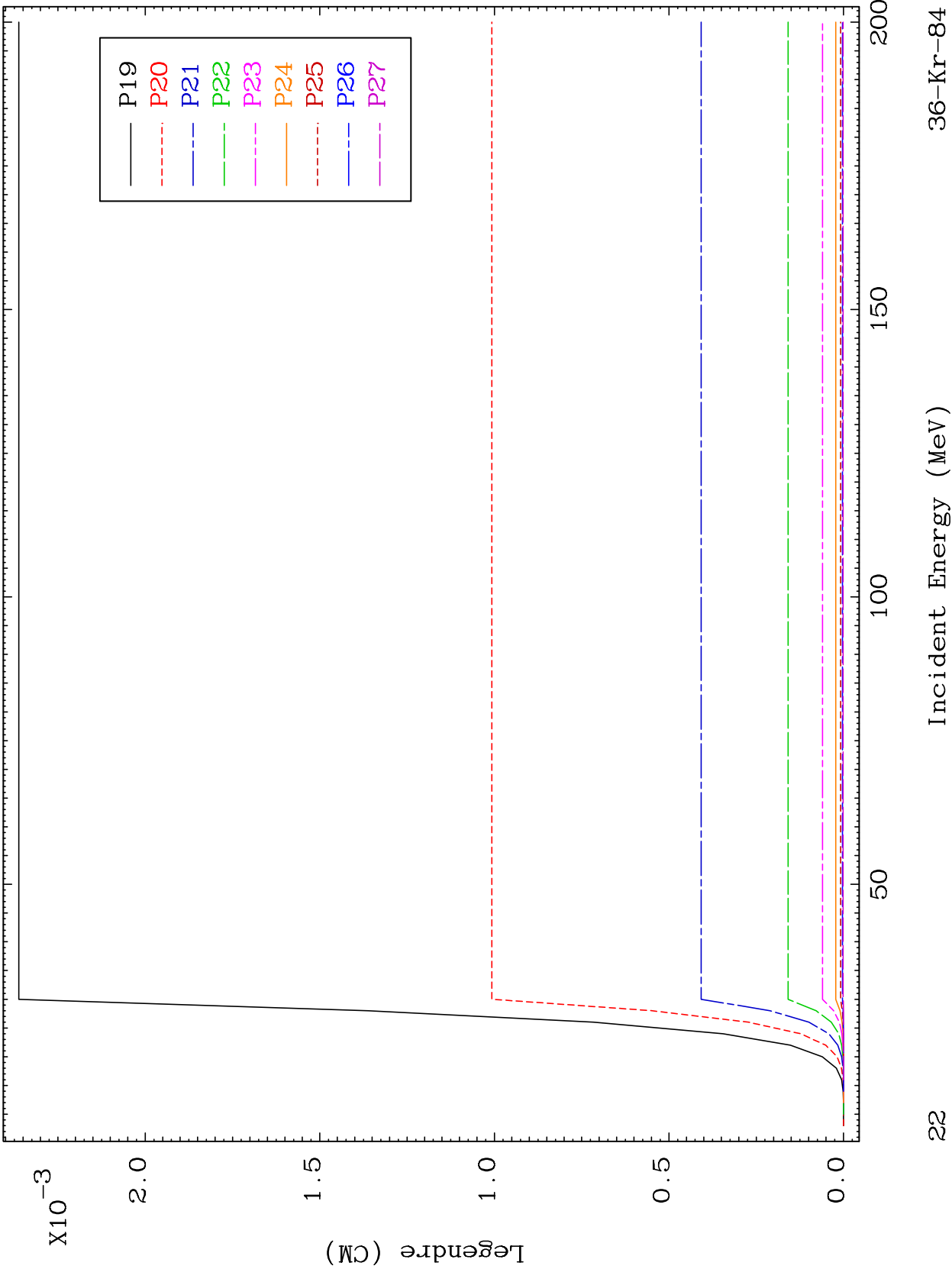
36-Kr-84



21

Incident Energy (MeV)

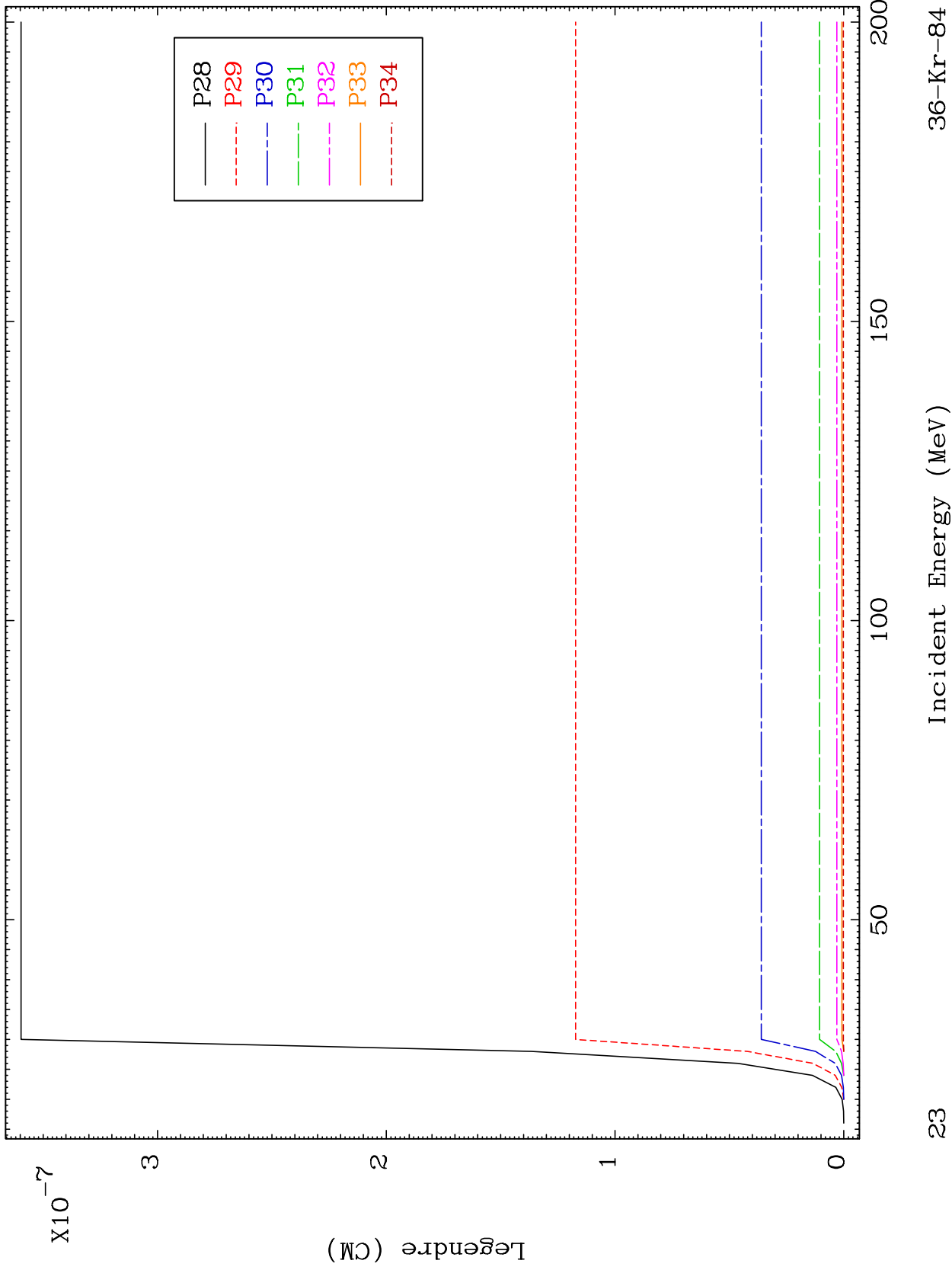
36-Kr-84



MAT 3643

881.6 keV (n,n') Level
Legendre Coefficients

36-Kr-84



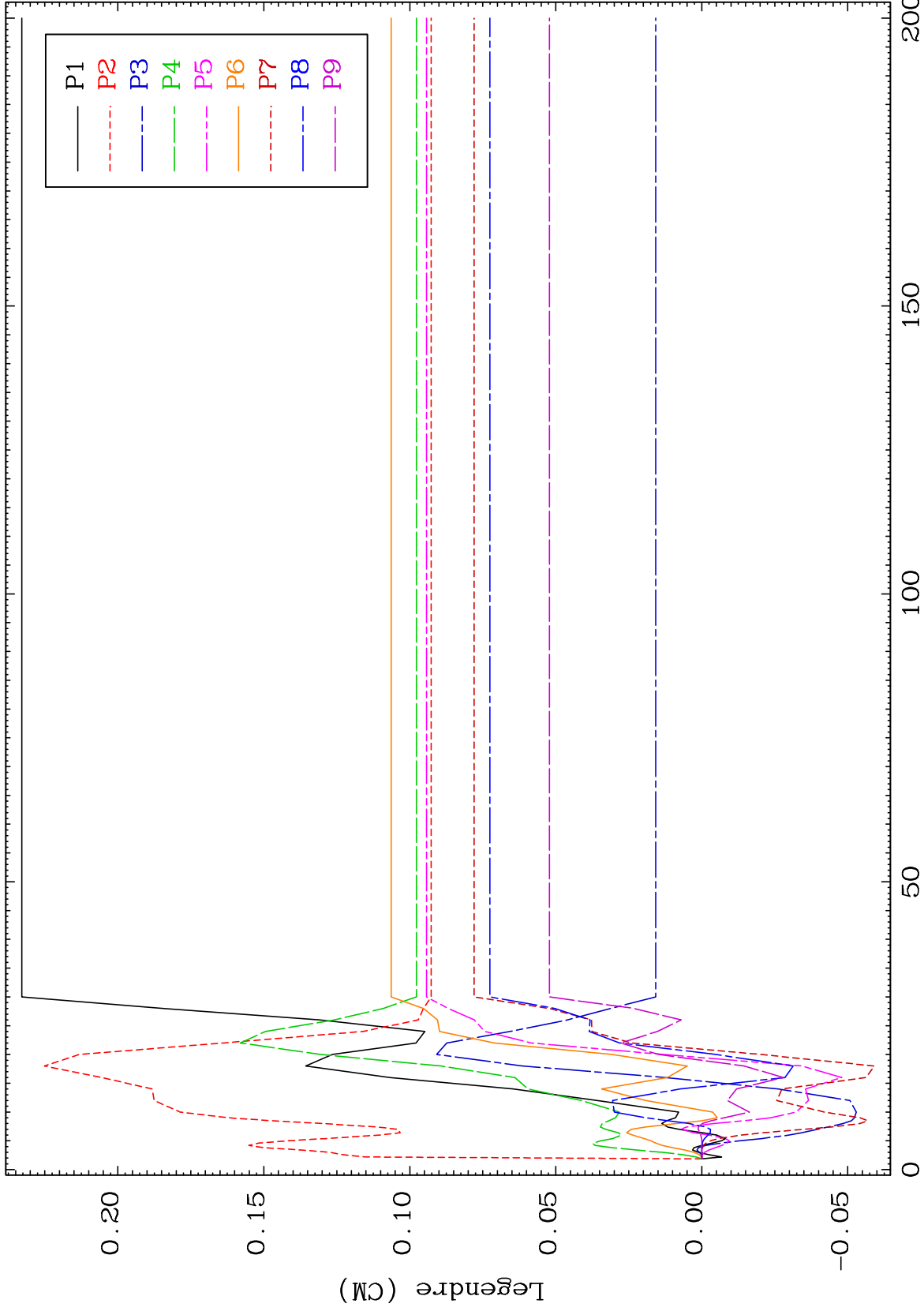
23

36-Kr-84

MAT 3643

1.837 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



24

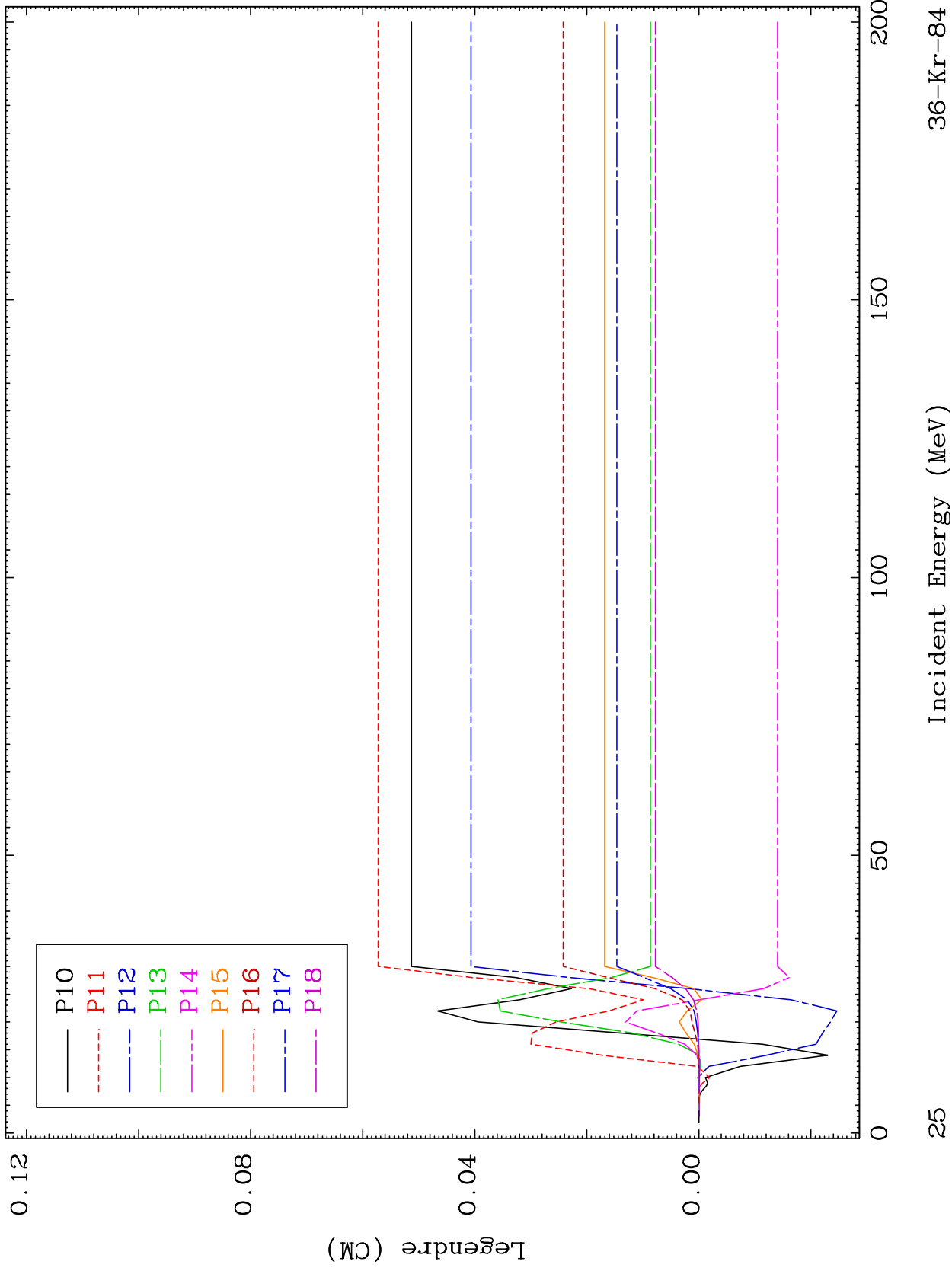
Incident Energy (MeV)

36-Kr-84

MAT 3643

1.837 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



36-Kr-84

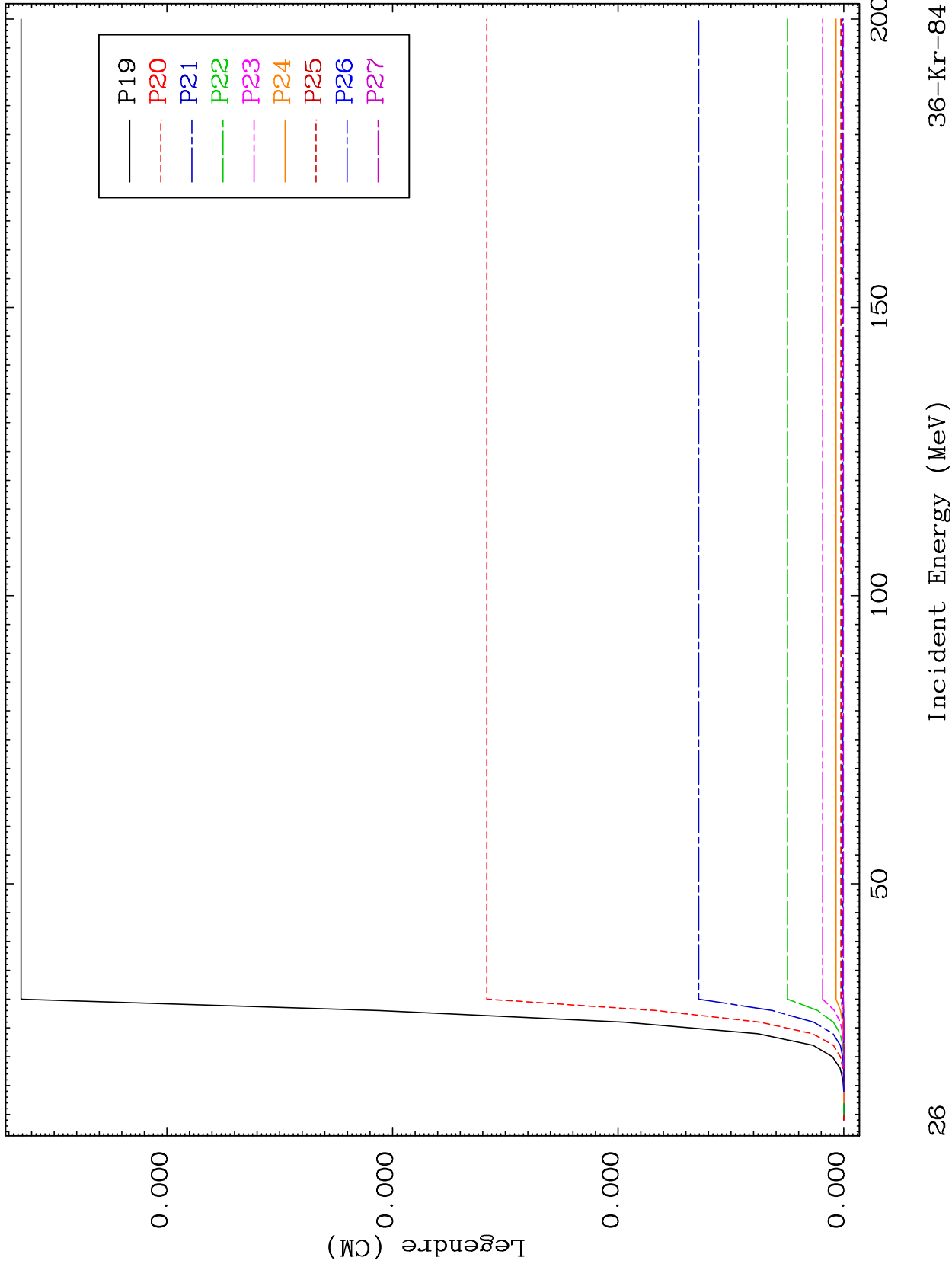
Incident Energy (MeV)

25

MAT 3643

1.837 MeV (n,n') Level
Legendre Coefficients

36-Kr-84

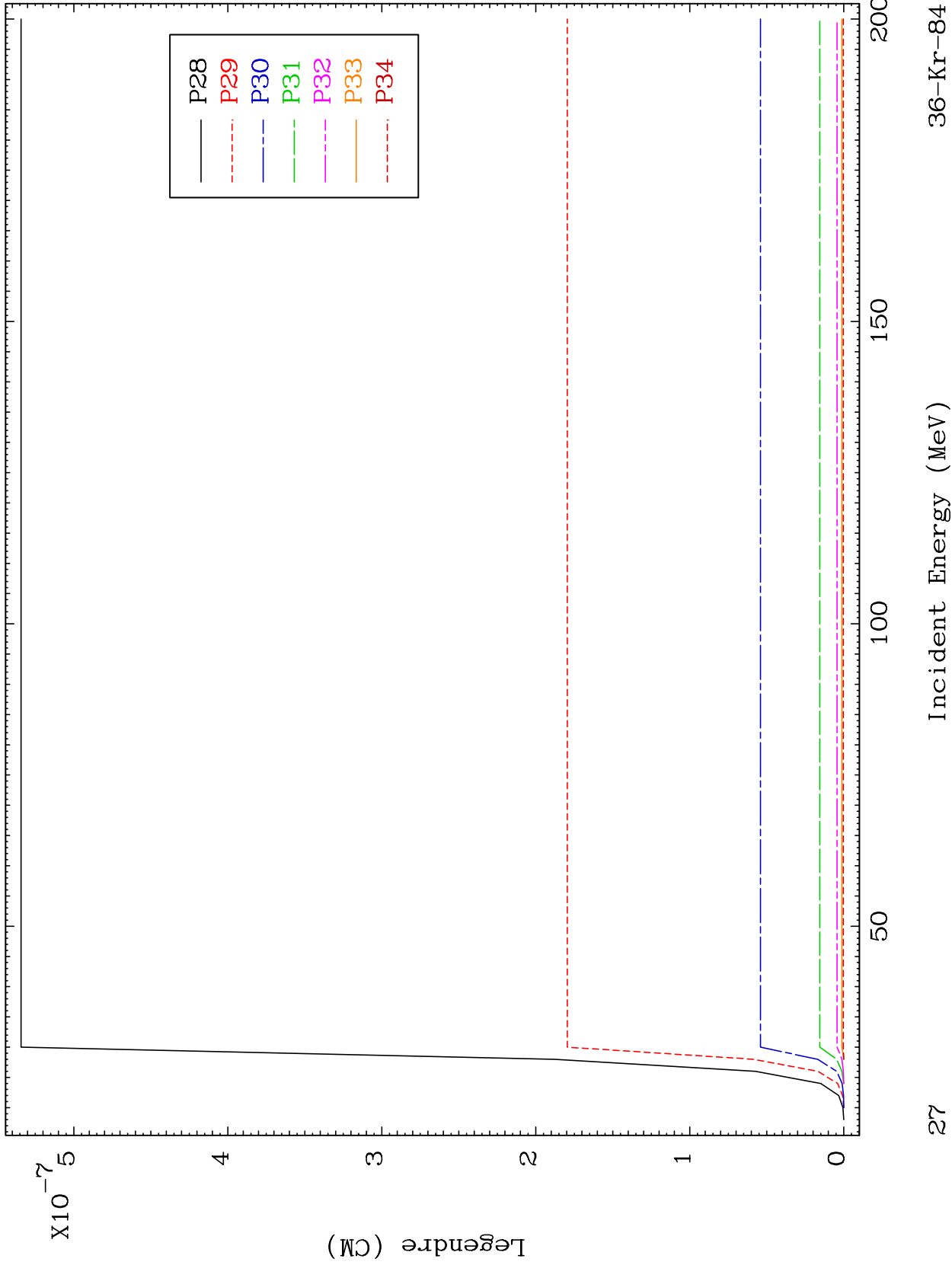


26

MAT 3643

1.837 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



27

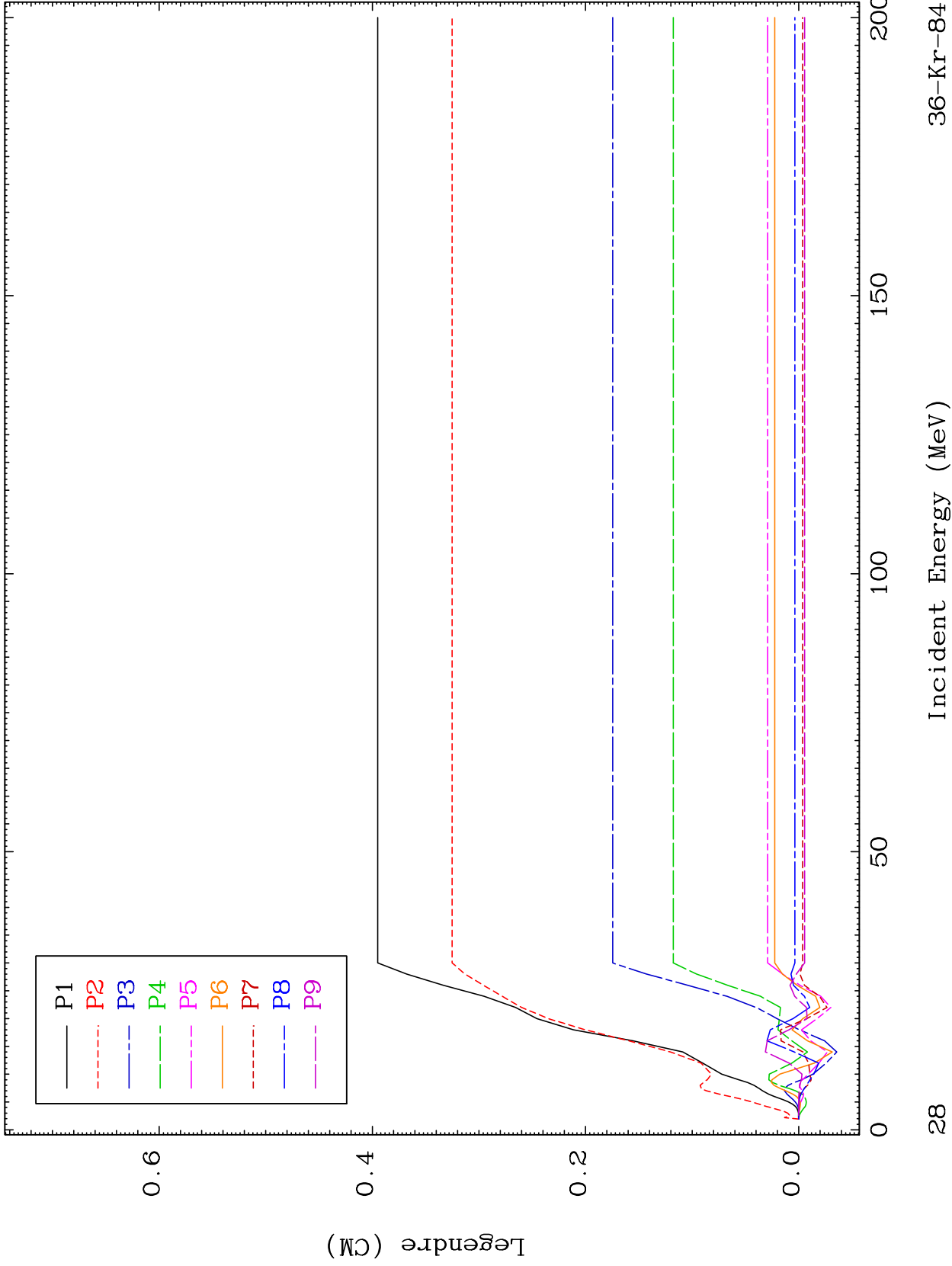
Incident Energy (MeV)

36-Kr-84

MAT 3643

1.898 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



28

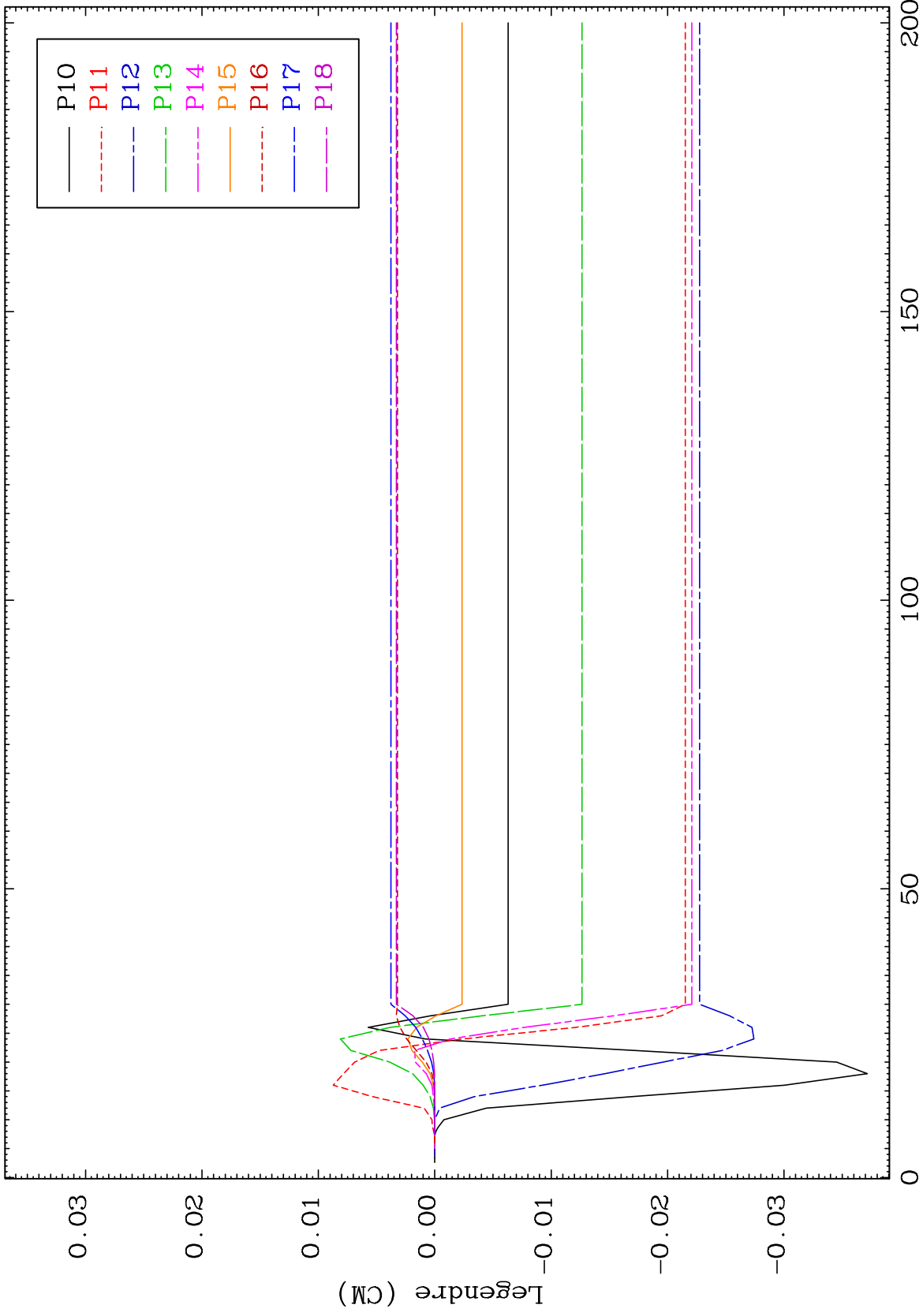
Incident Energy (MeV)

36-Kr-84

MAT 3643

1.898 MeV (n,n') Level
Legendre Coefficients

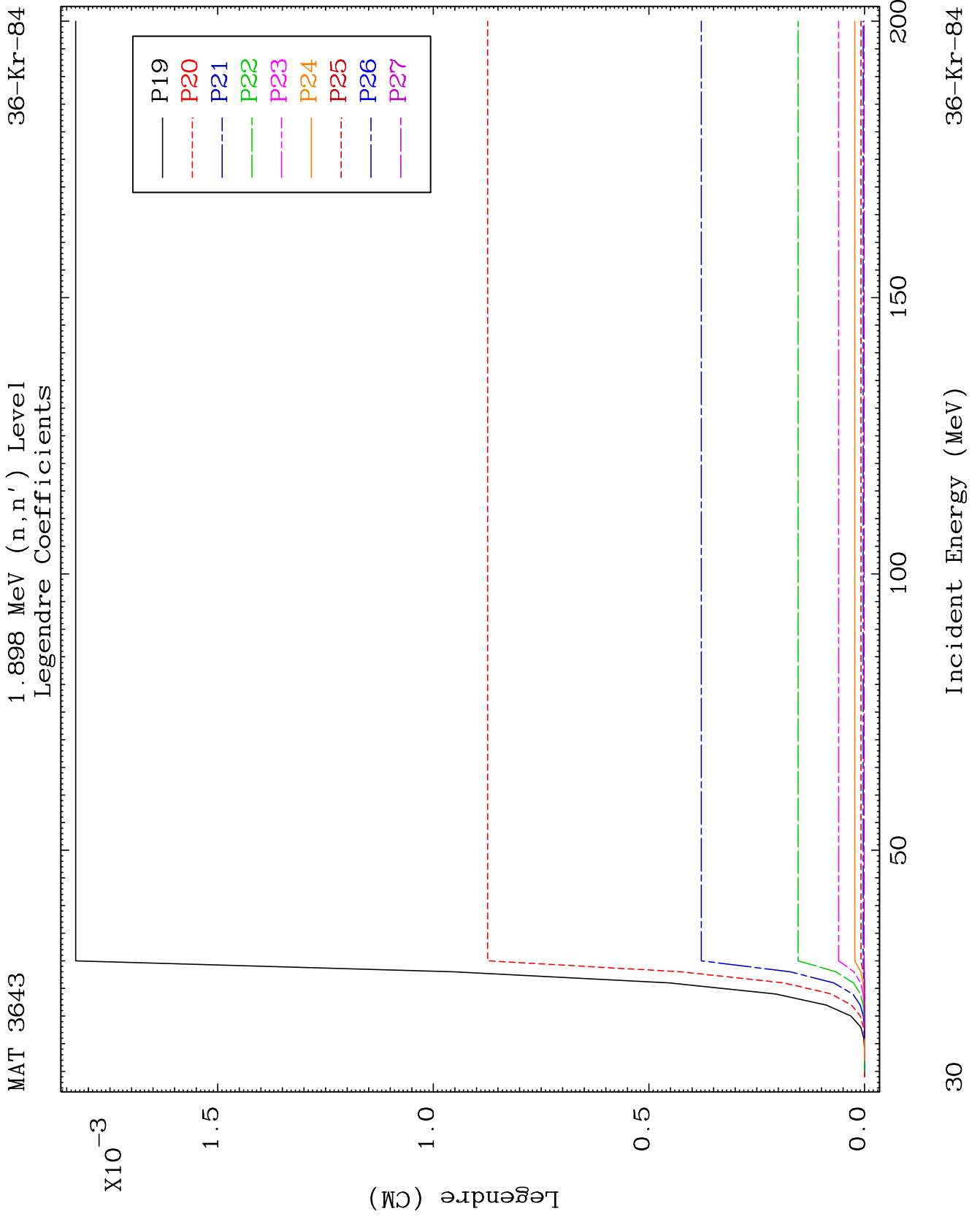
36-Kr-84



29

Incident Energy (MeV)

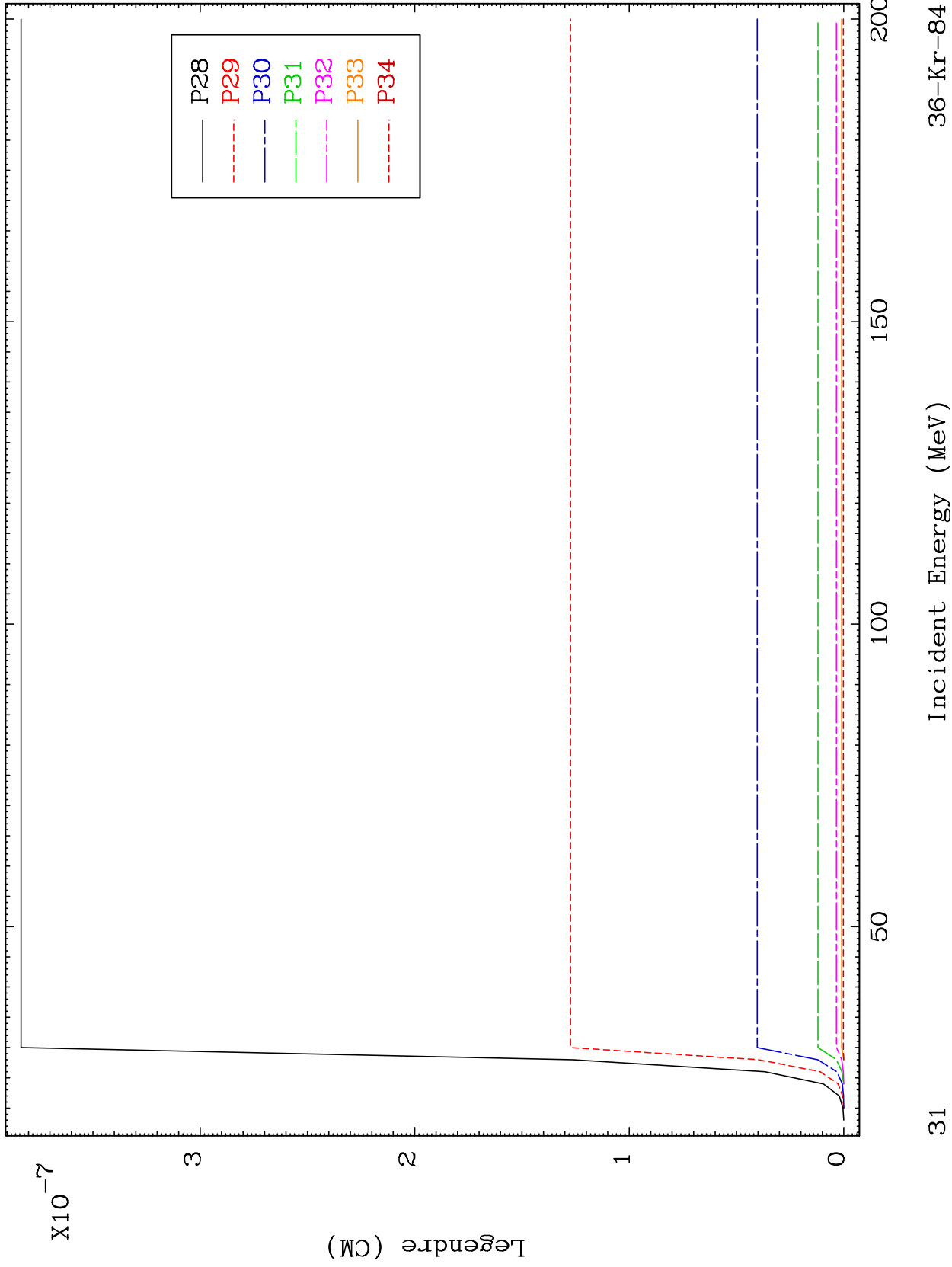
36-Kr-84



MAT 3643

1.898 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



31

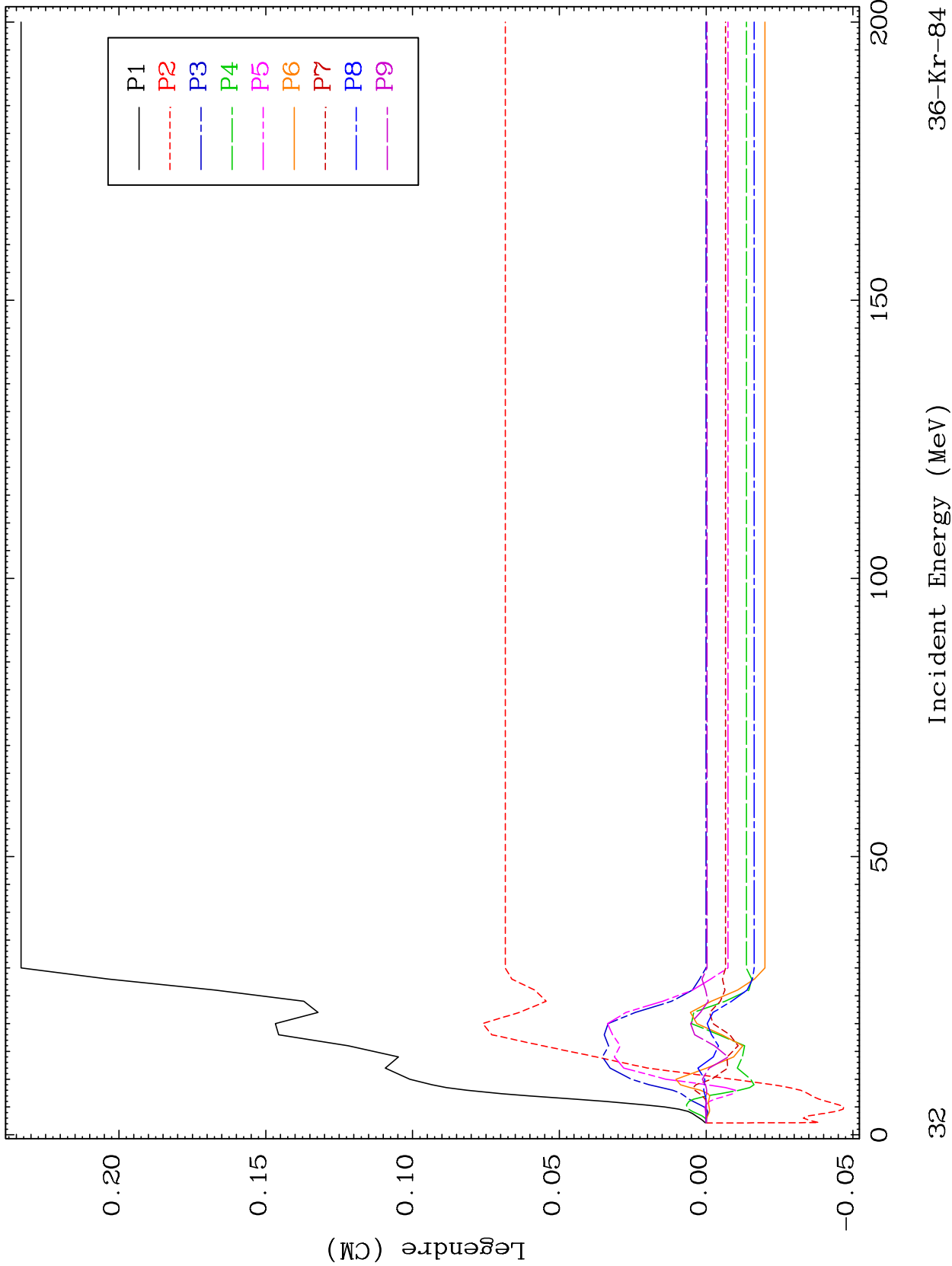
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.095 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



32

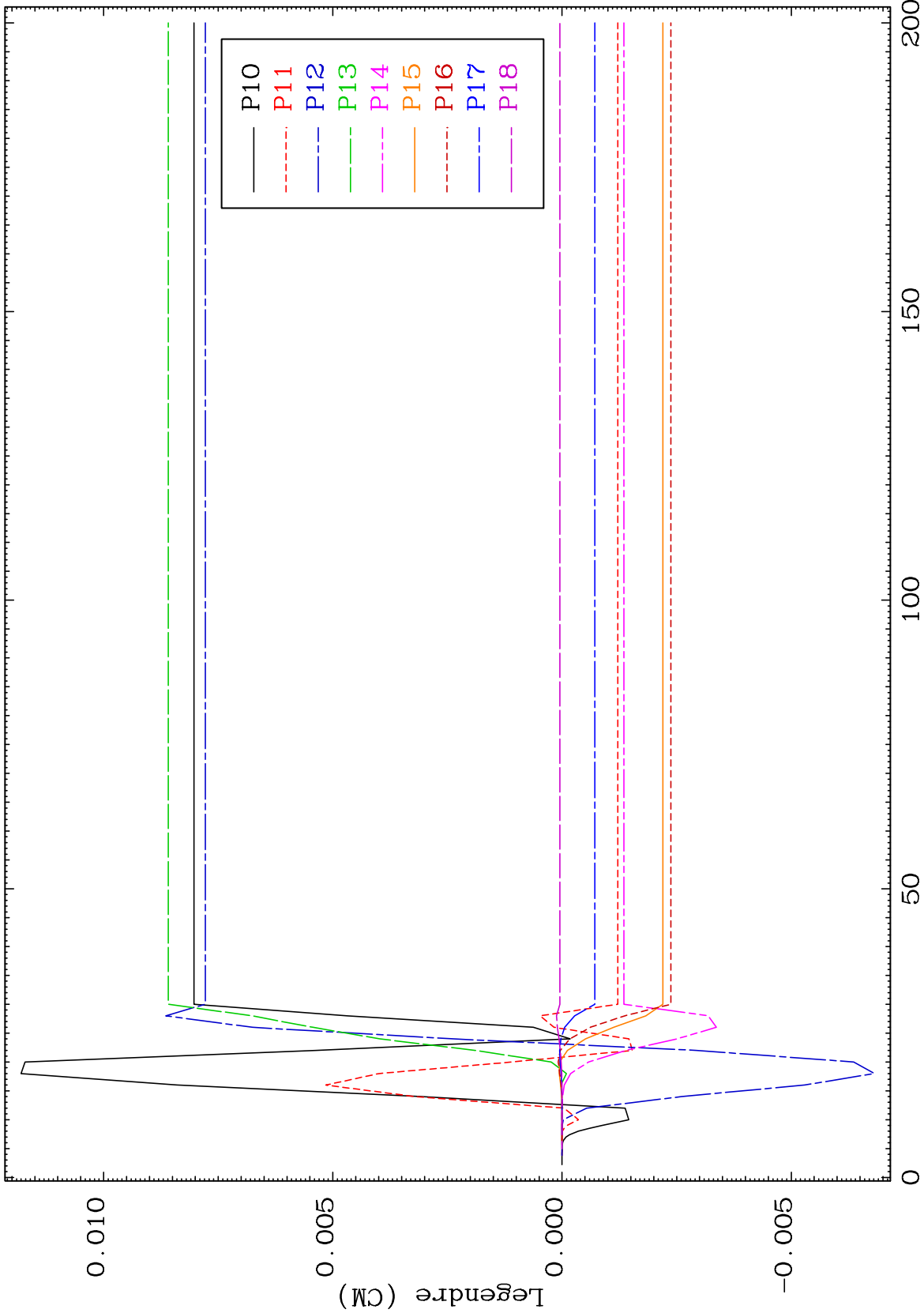
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.095 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



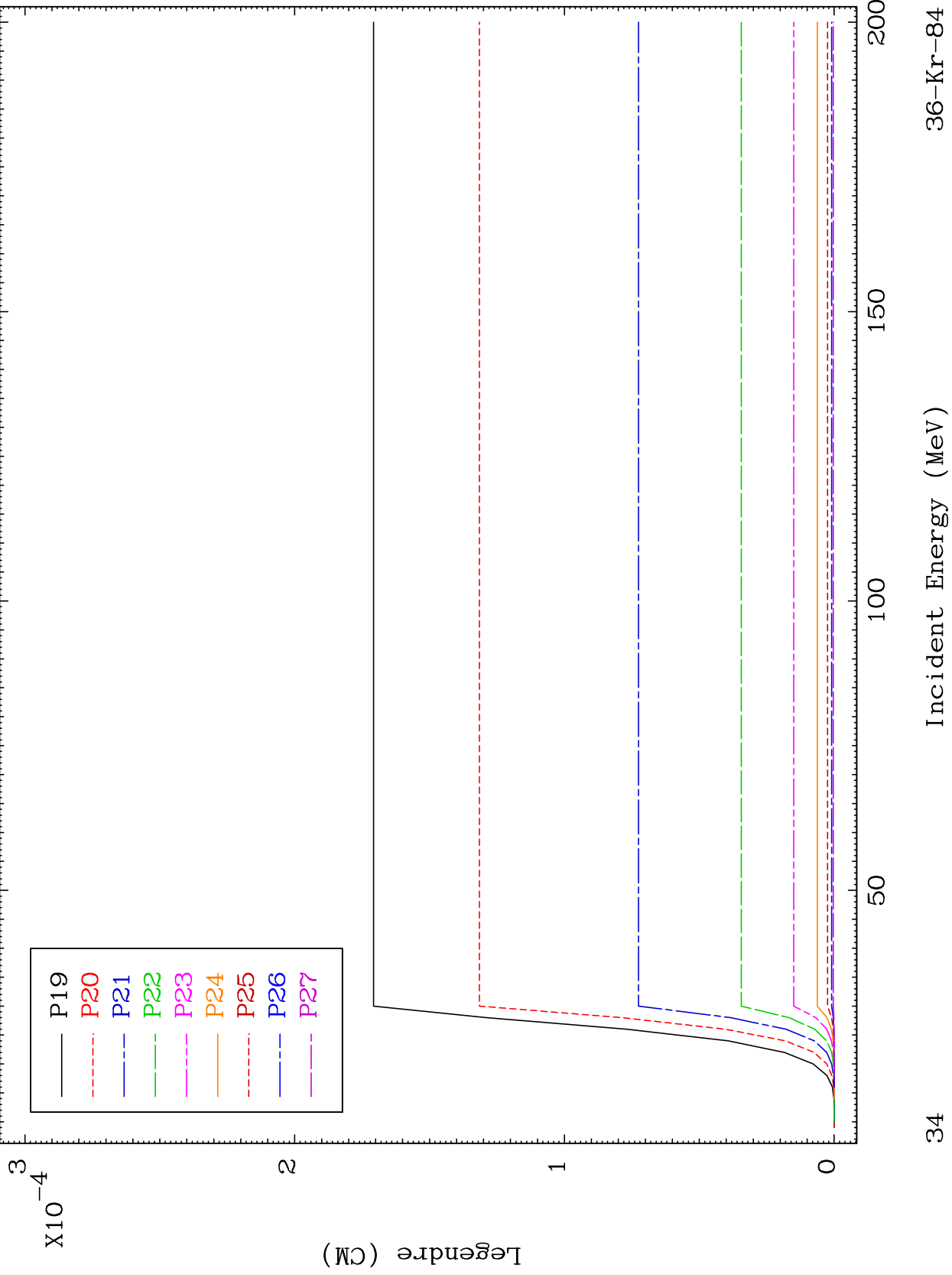
33

36-Kr-84

MAT 3643

2.095 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



34

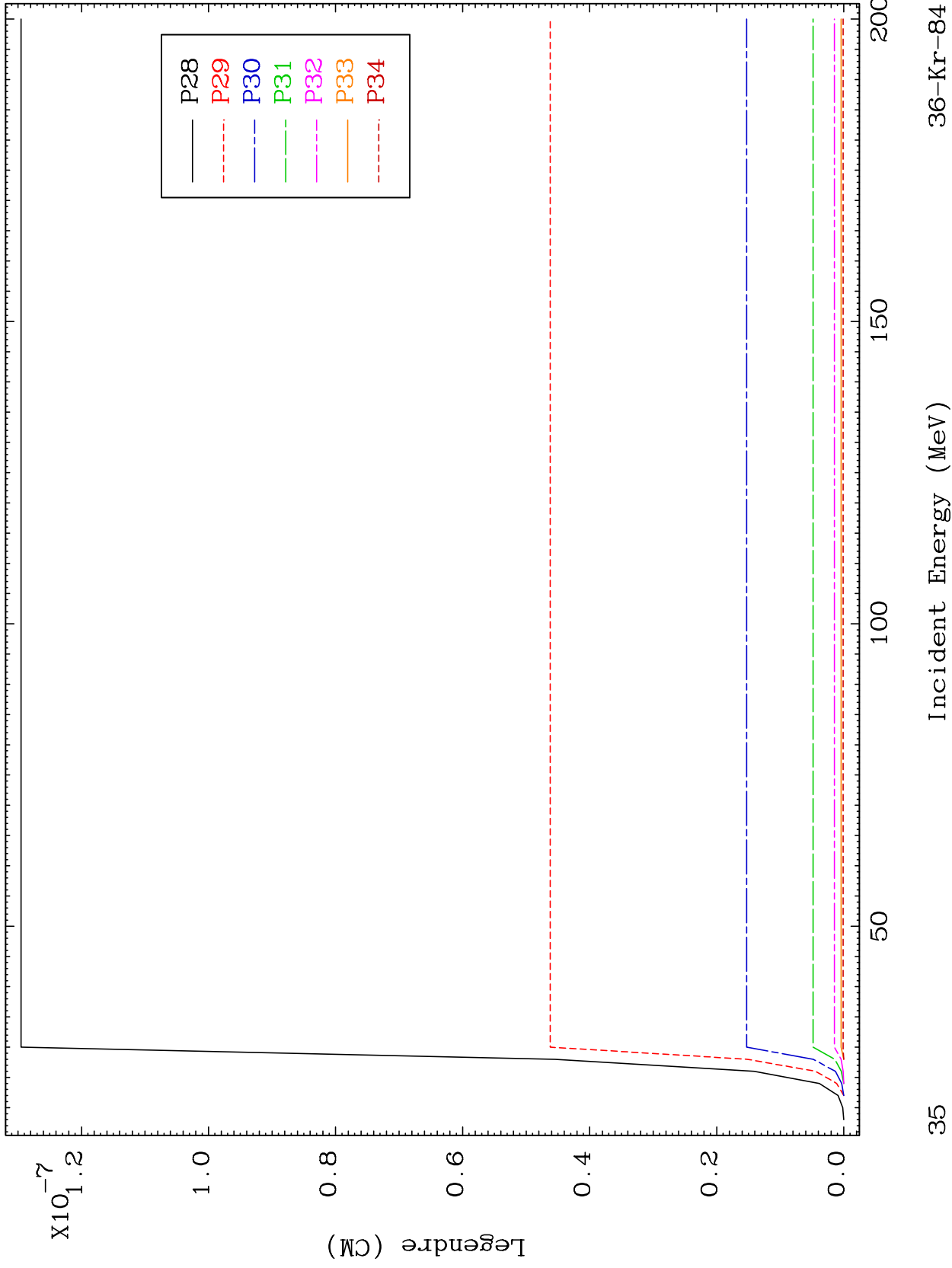
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.095 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



35

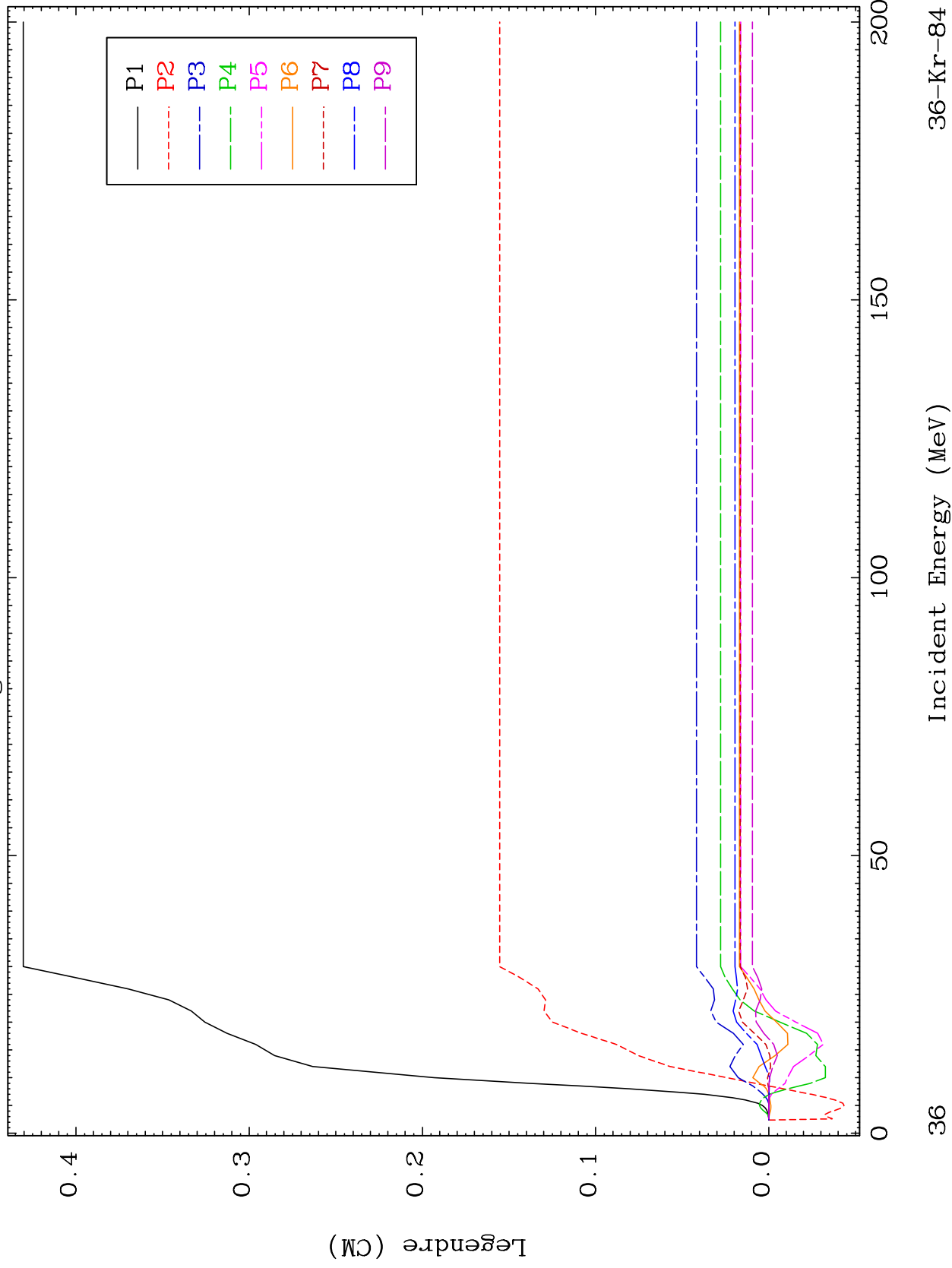
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.345 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



36

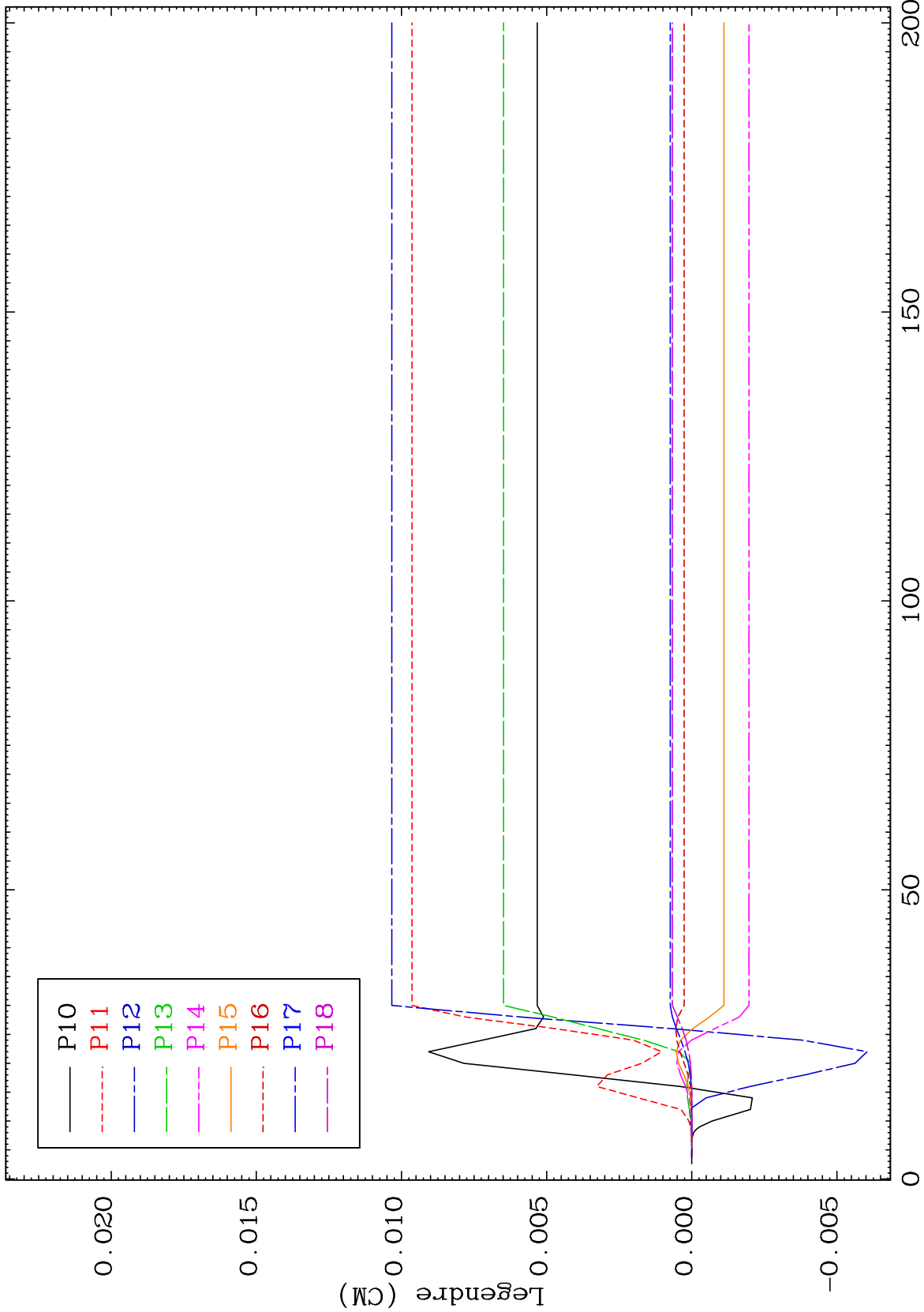
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.345 MeV (n,n') Level
Legendre Coefficients

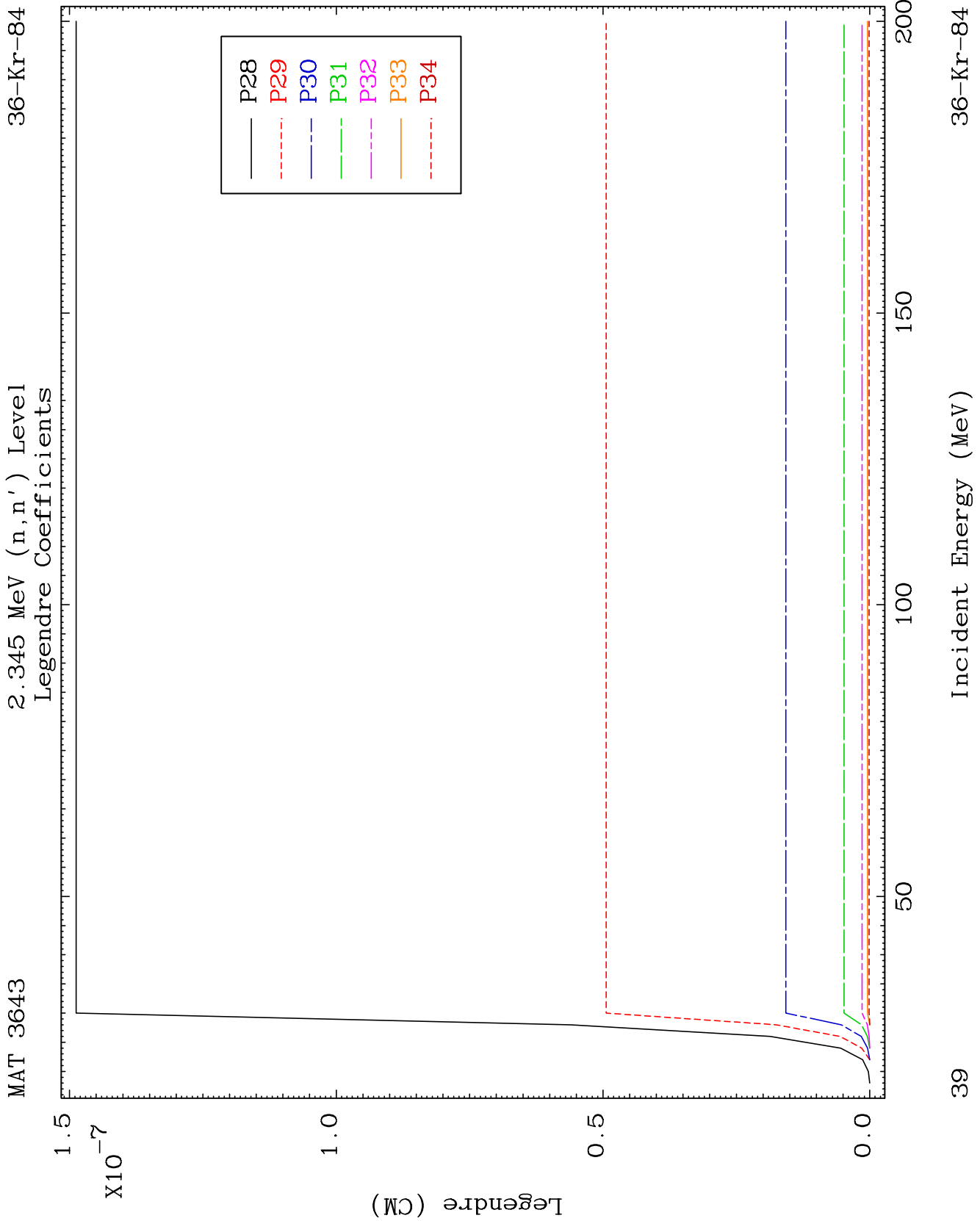
36-Kr-84

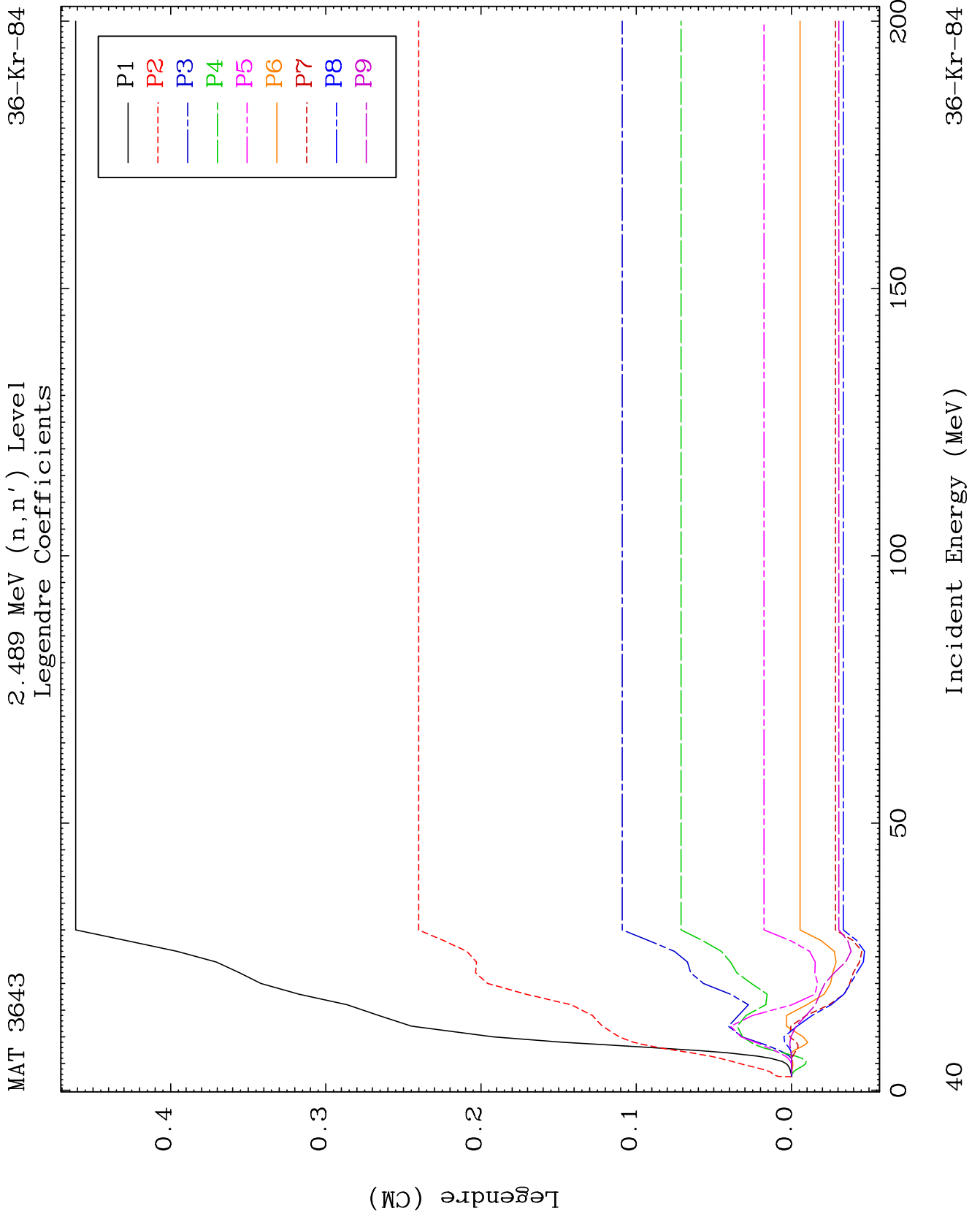


37

Incident Energy (MeV)

36-Kr-84

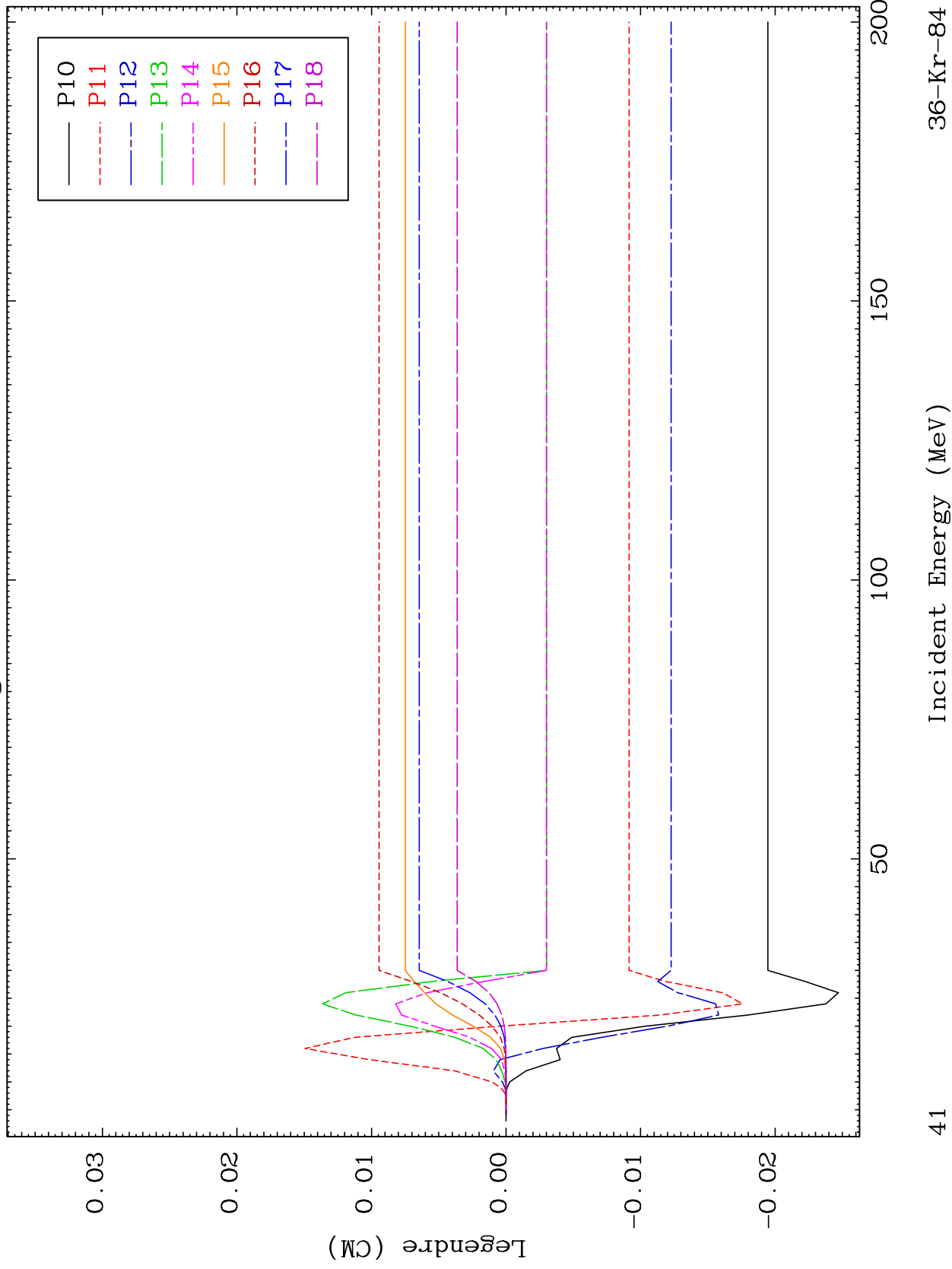




MAT 3643

2.489 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



41

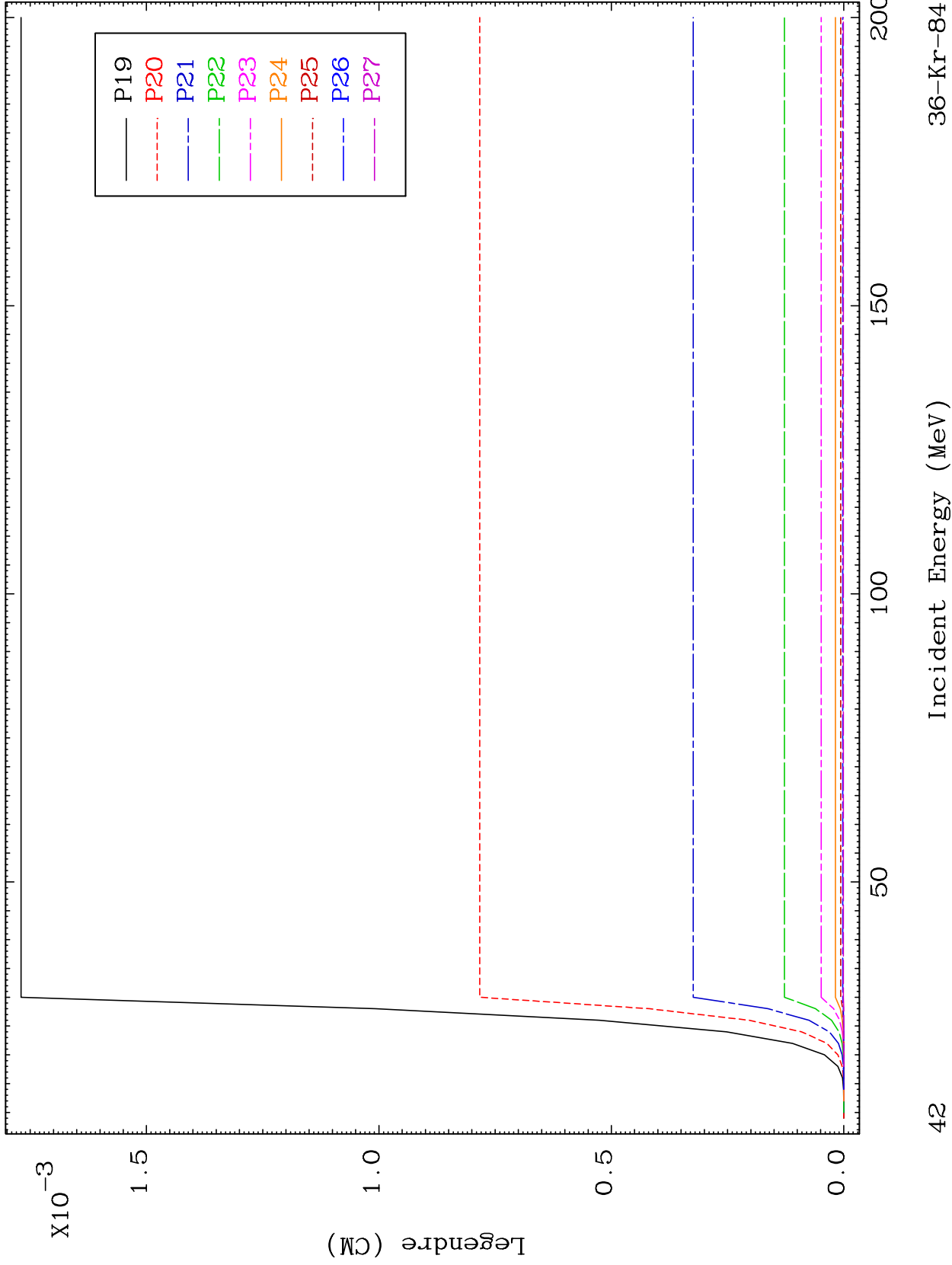
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.489 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



42

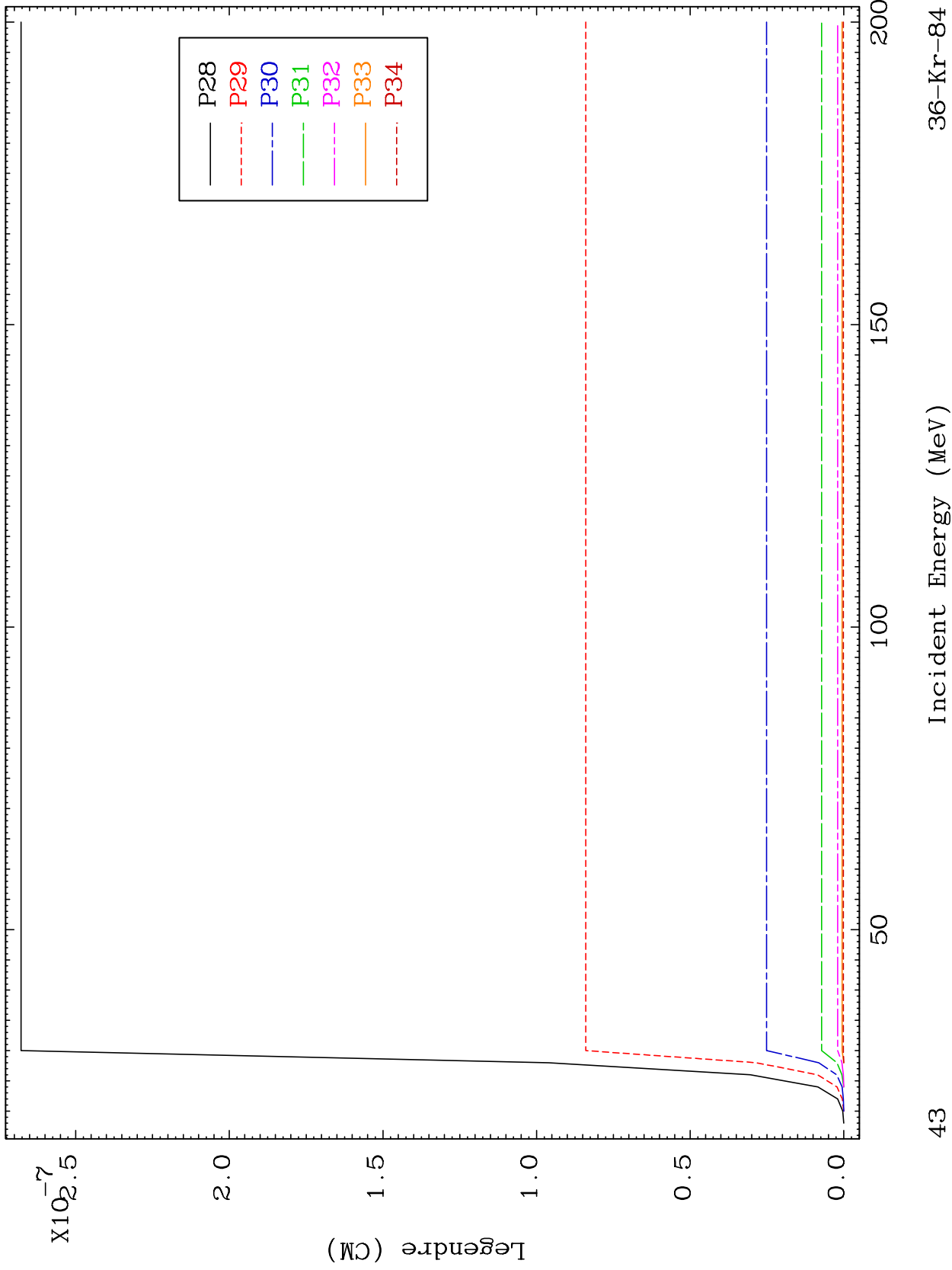
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.489 MeV (n,n') Level
Legendre Coefficients

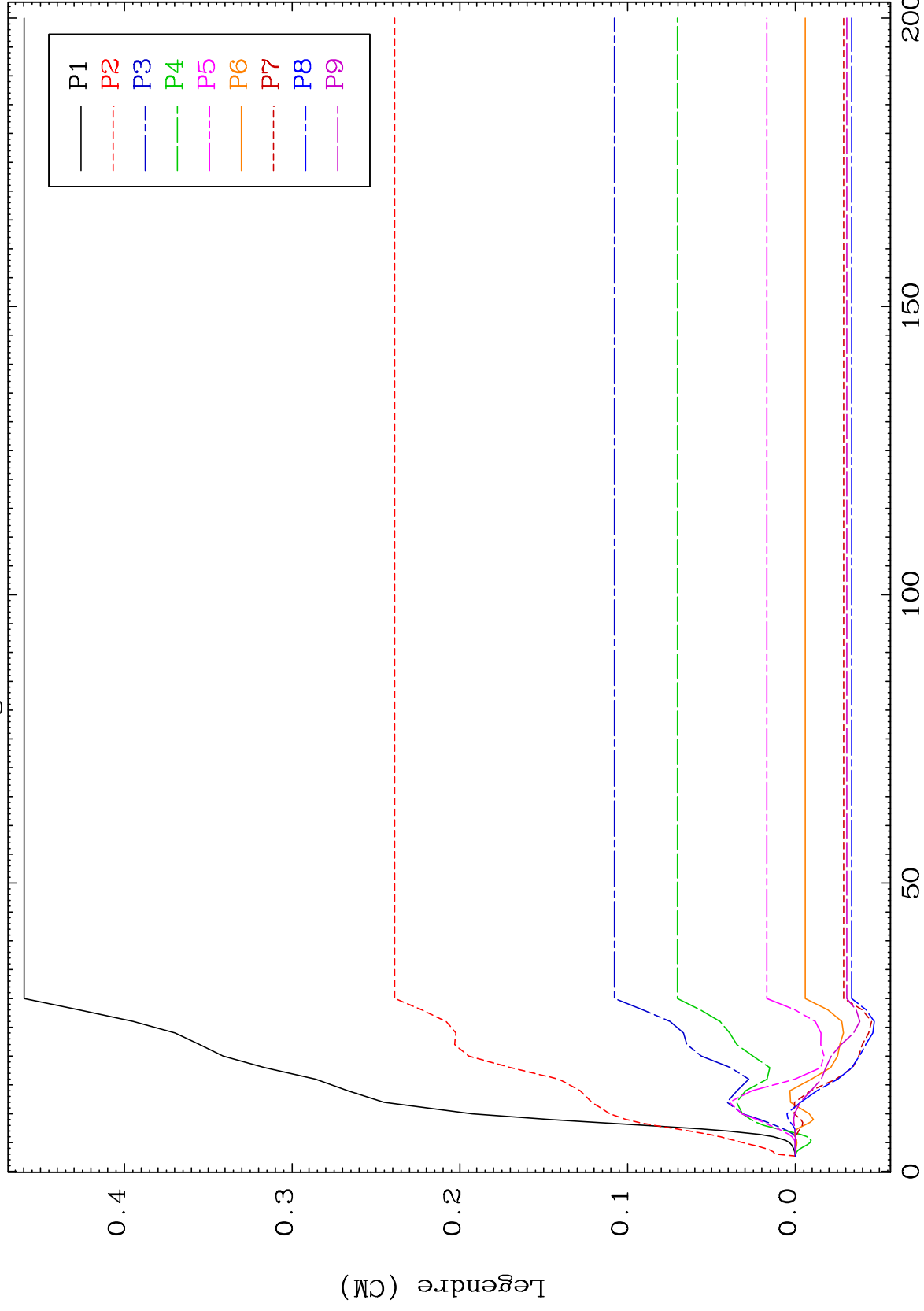
36-Kr-84



MAT 3643

2.623 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



44

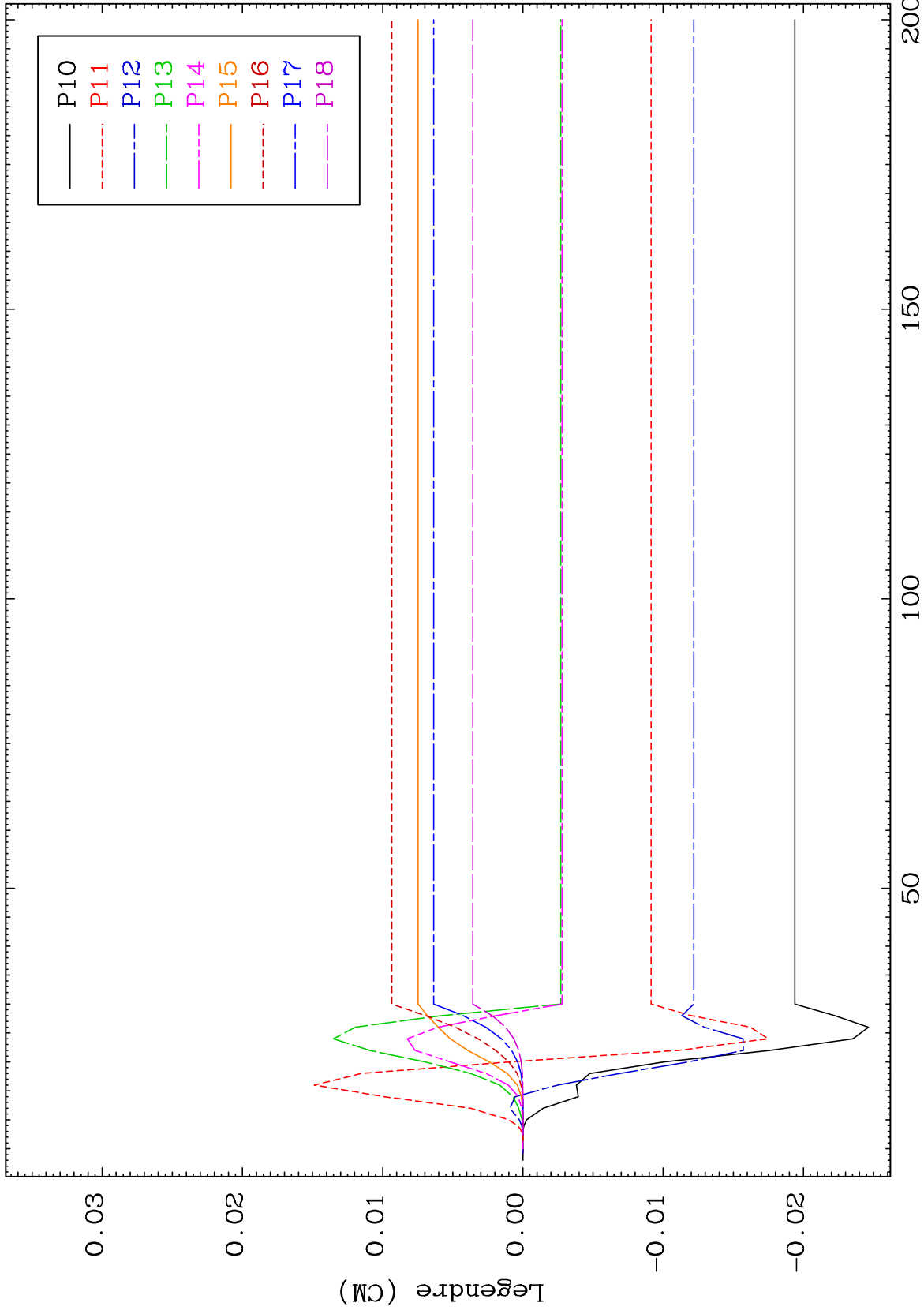
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.623 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



45

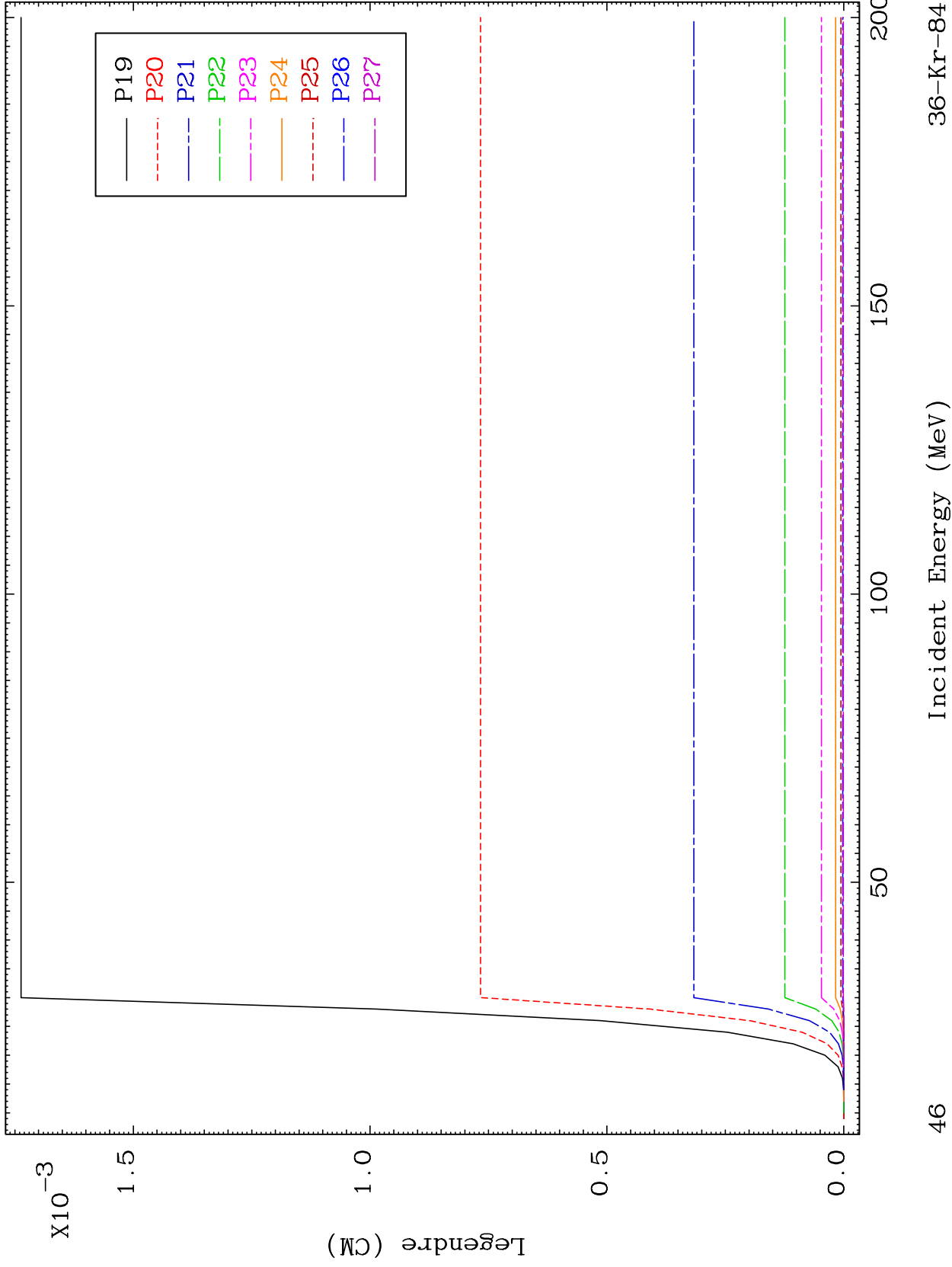
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.623 MeV (n,n') Level
Legendre Coefficients

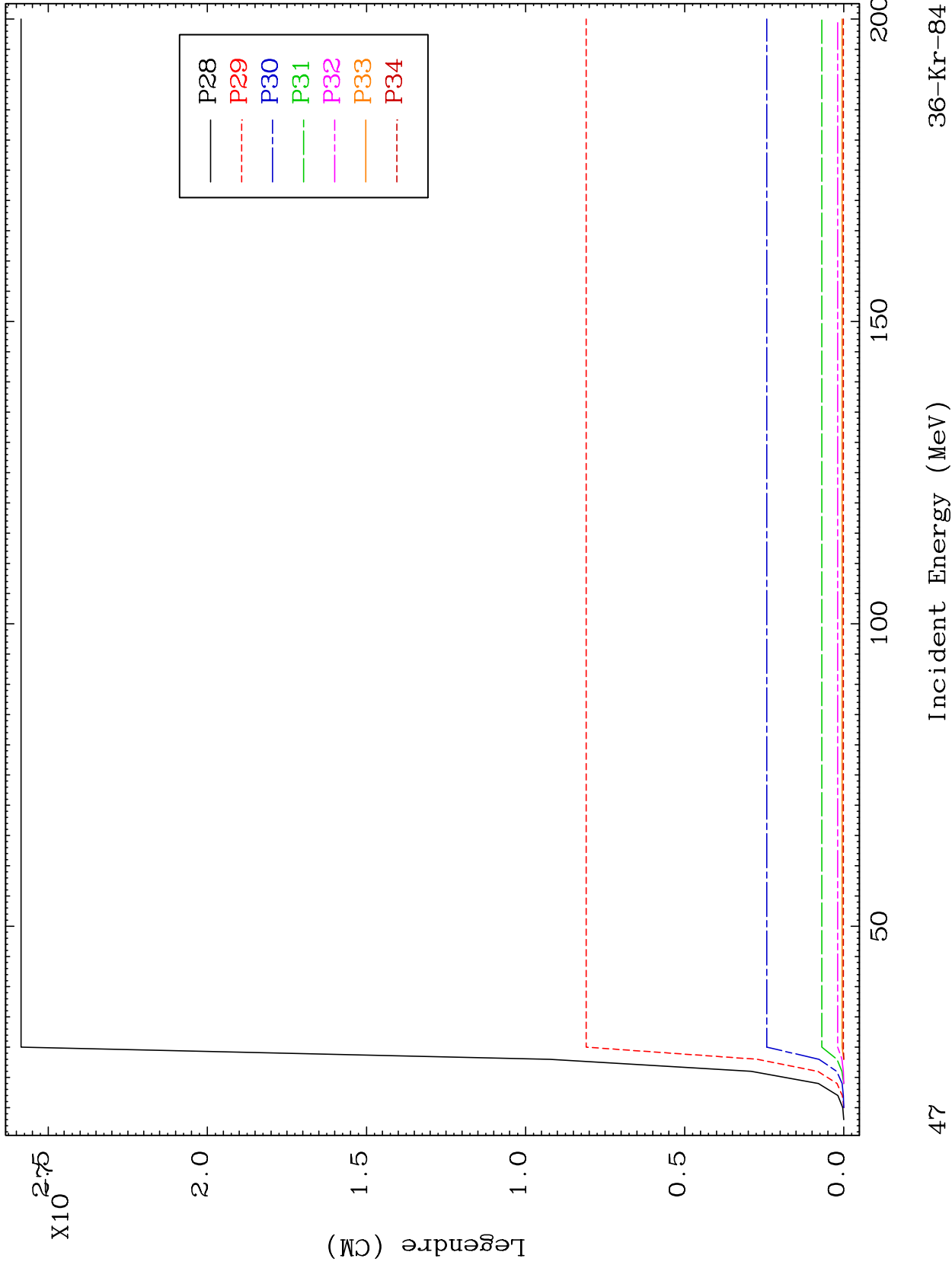
36-Kr-84



MAT 3643

2.623 MeV (n,n') Level
Legendre Coefficients

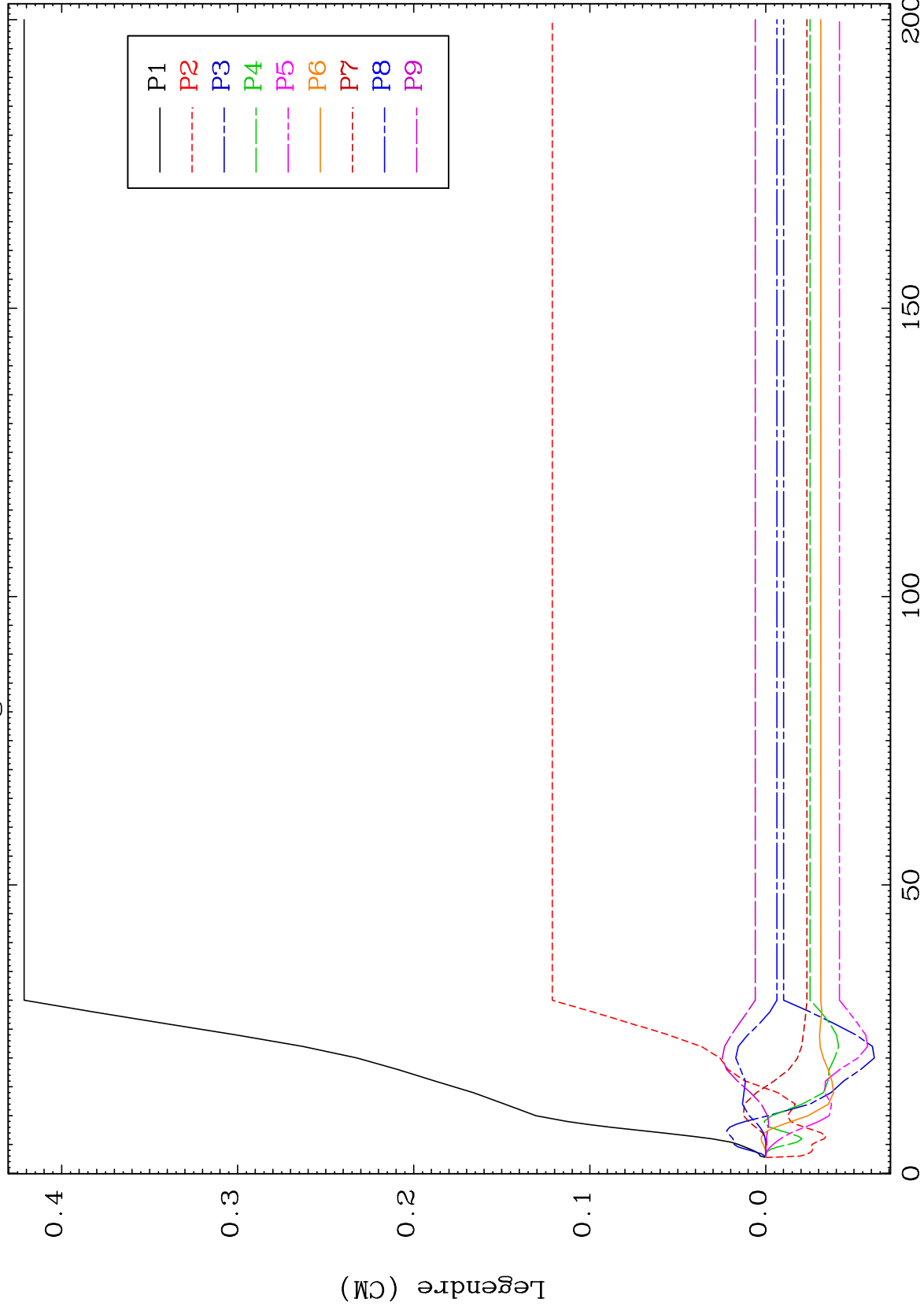
36-Kr-84



MAT 3643

2.700 MeV (n,n') Level
Legendre Coefficients

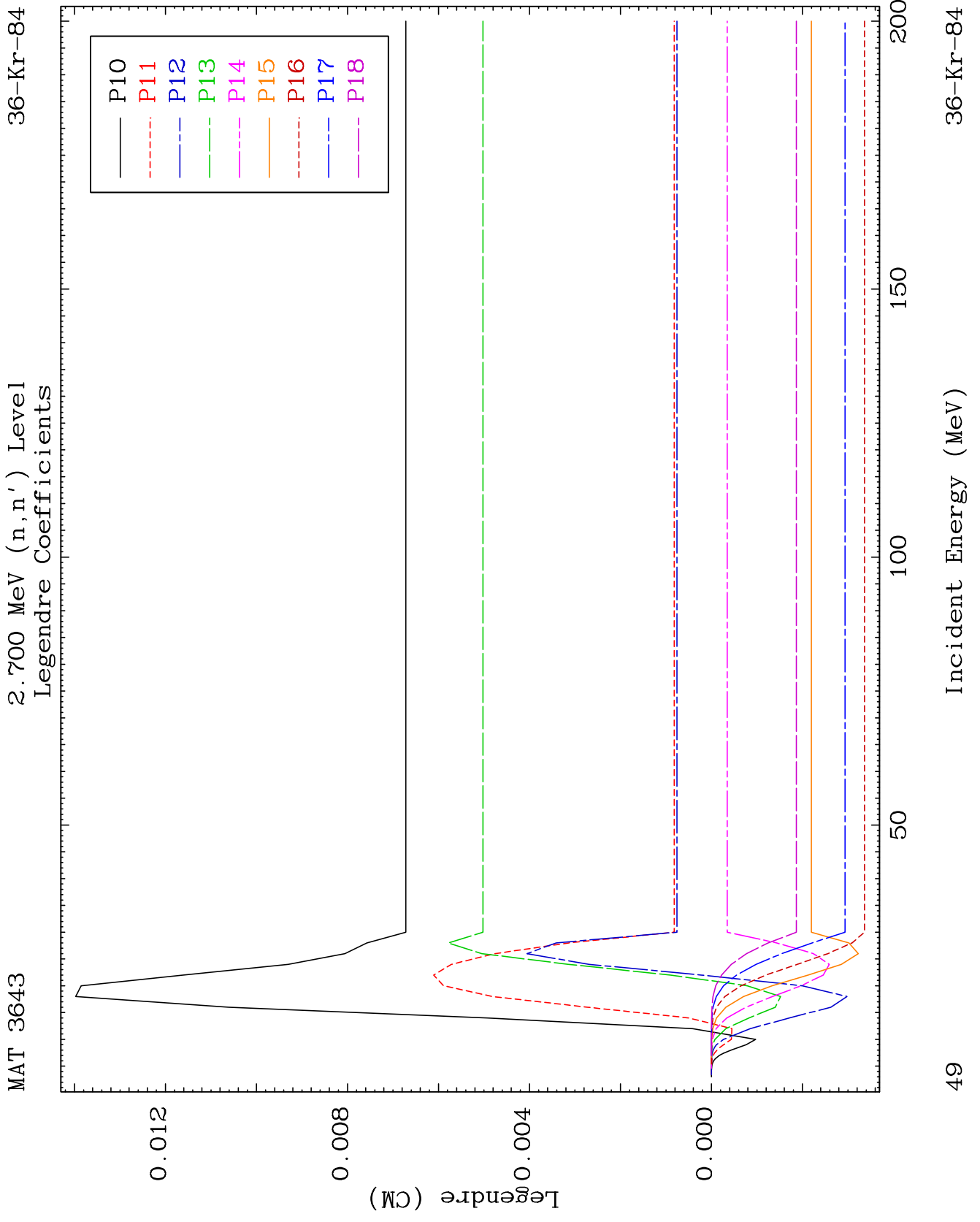
36-Kr-84

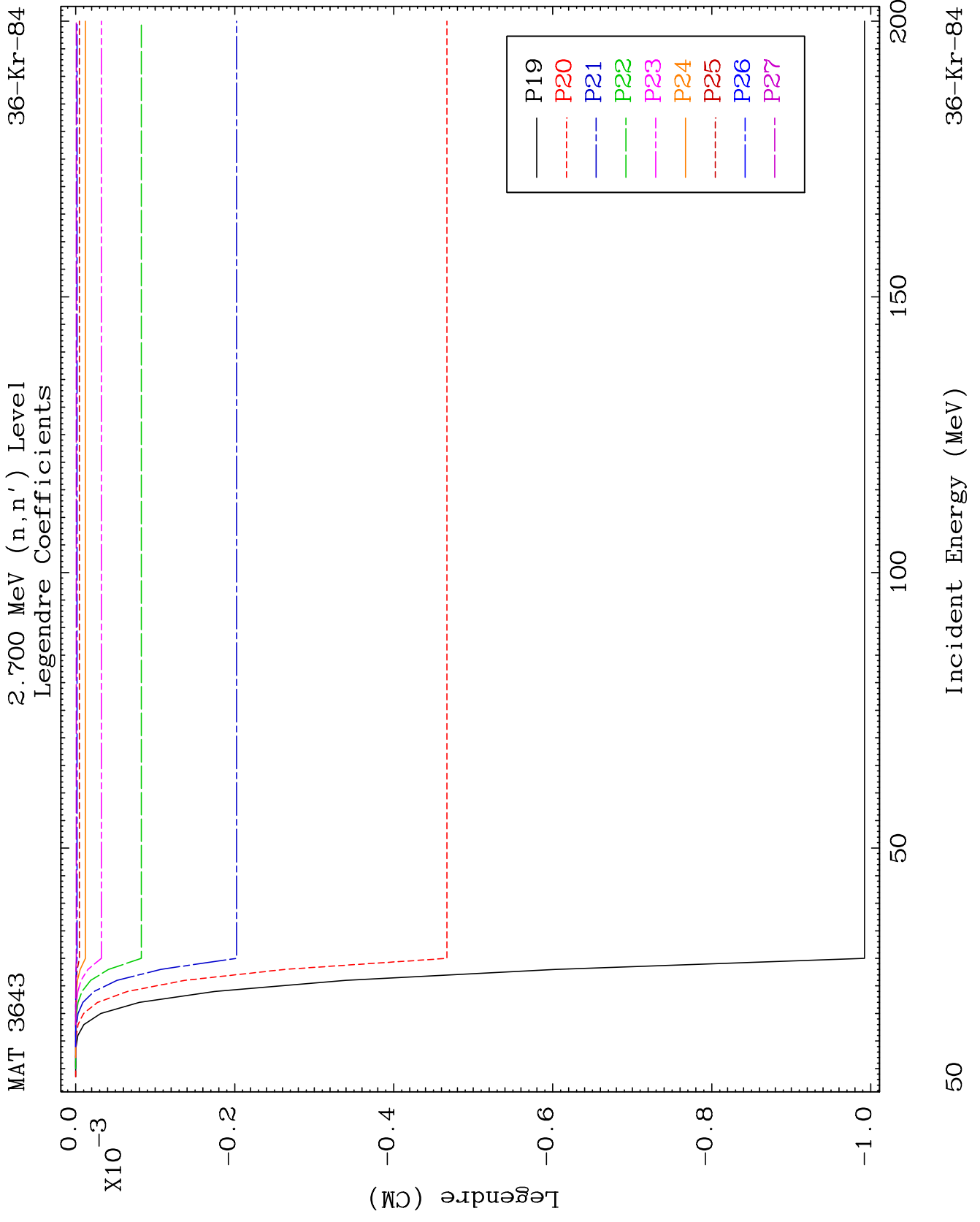


48

Incident Energy (MeV)

36-Kr-84

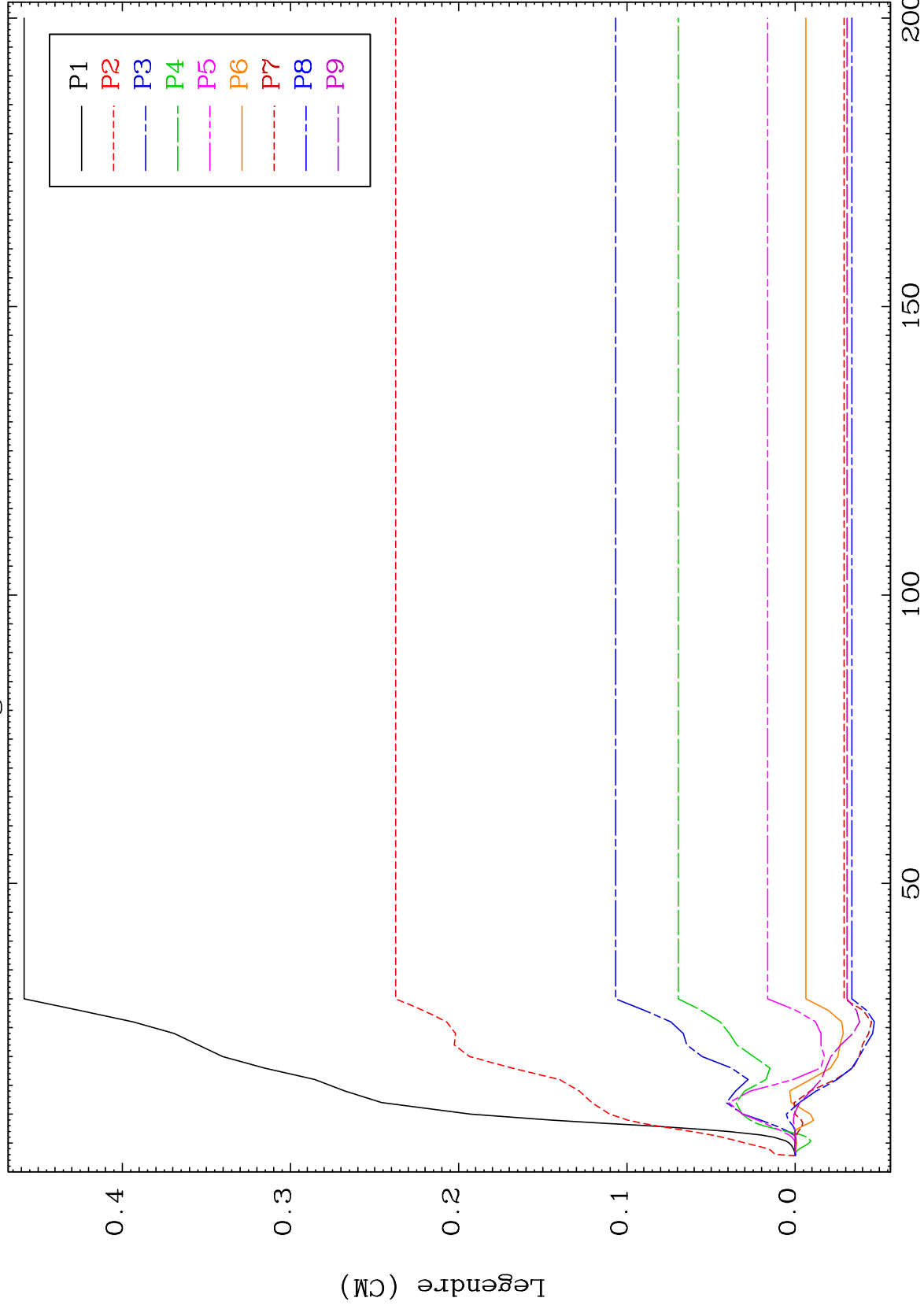




MAT 3643

2.759 MeV (n,n') Level
Legendre Coefficients

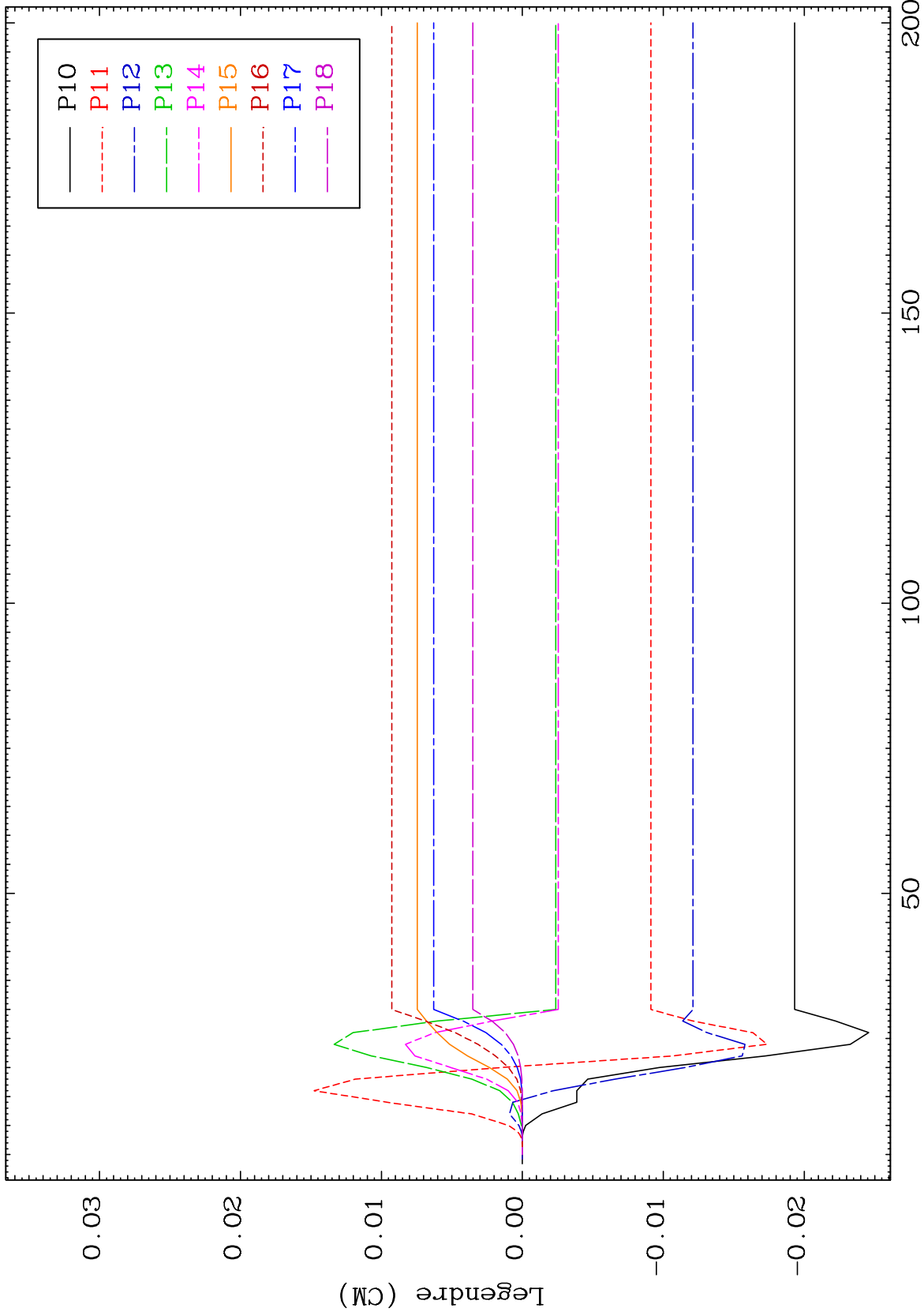
36-Kr-84



52

Incident Energy (MeV)

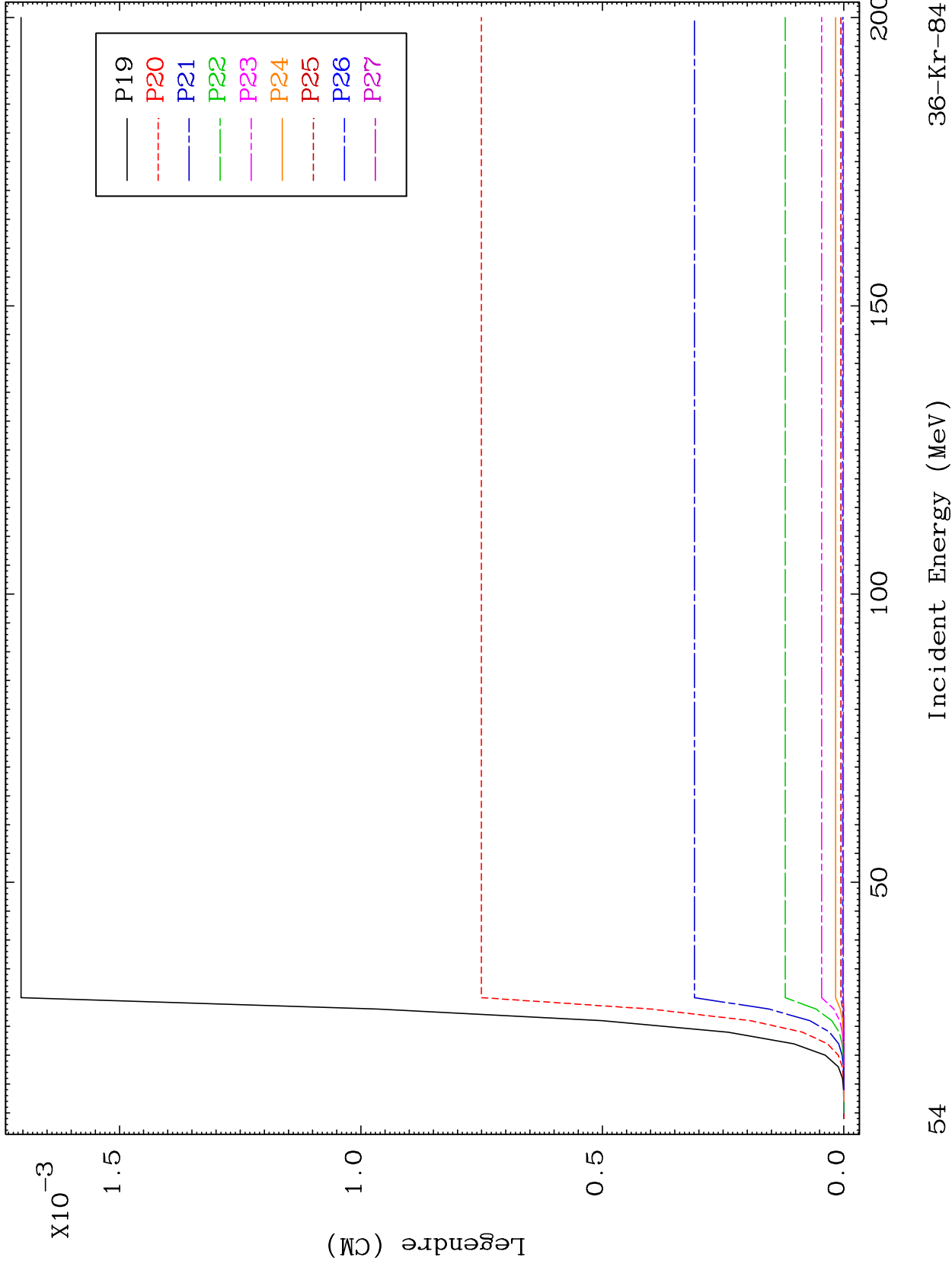
36-Kr-84



MAT 3643

2.759 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



54

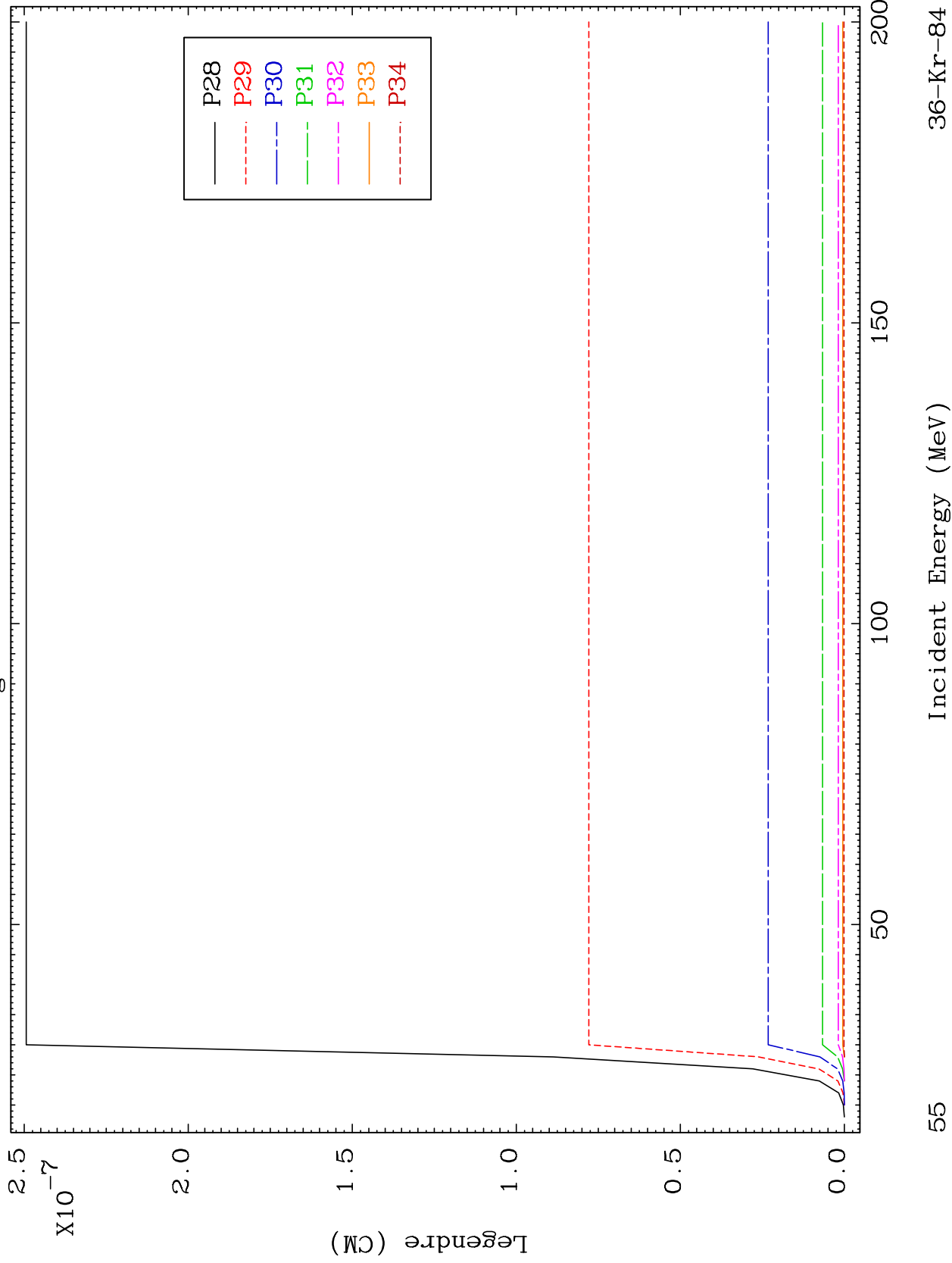
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.759 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



36-Kr-84

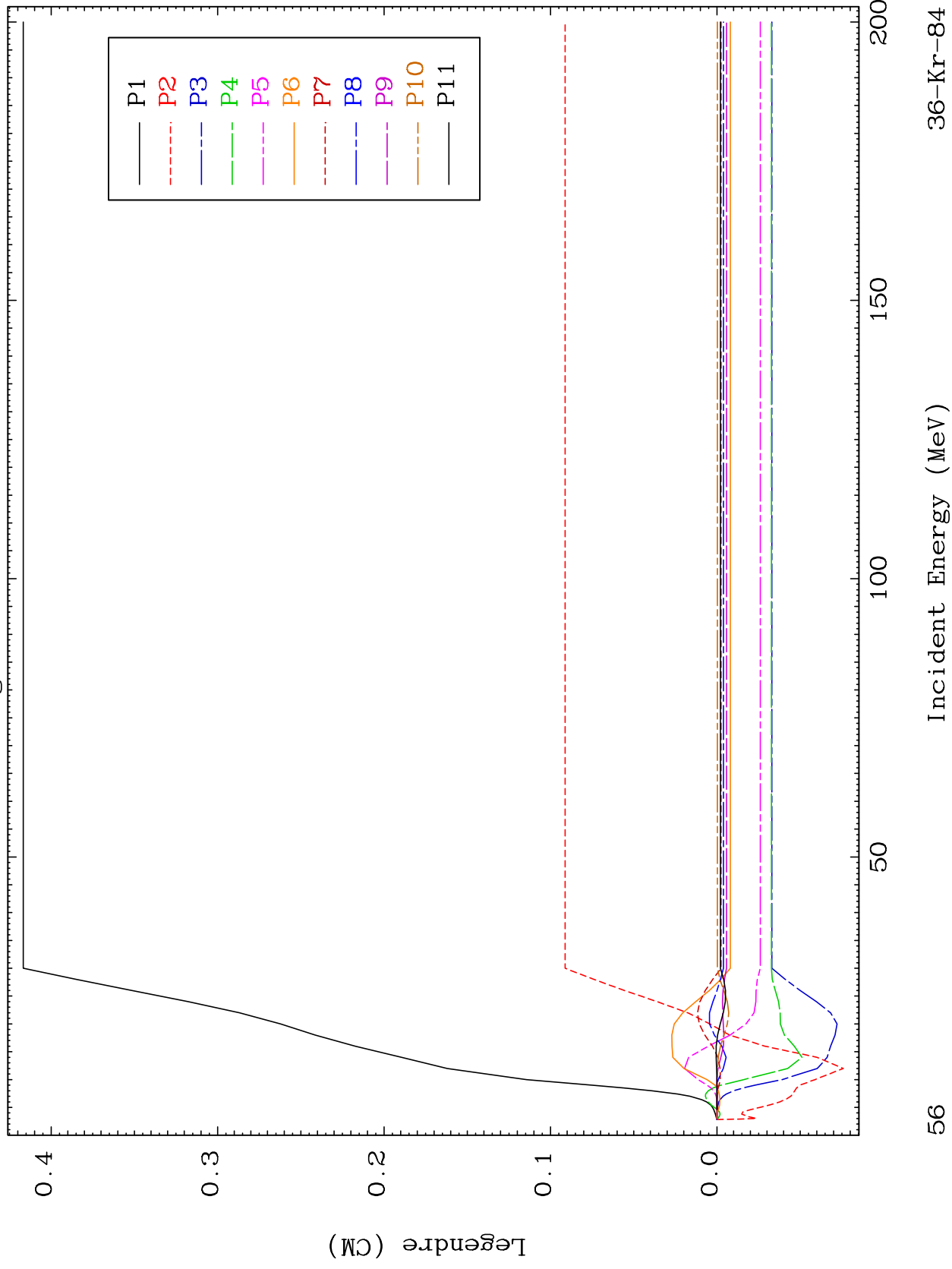
Incident Energy (MeV)

55

MAT 3643

2.771 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



56

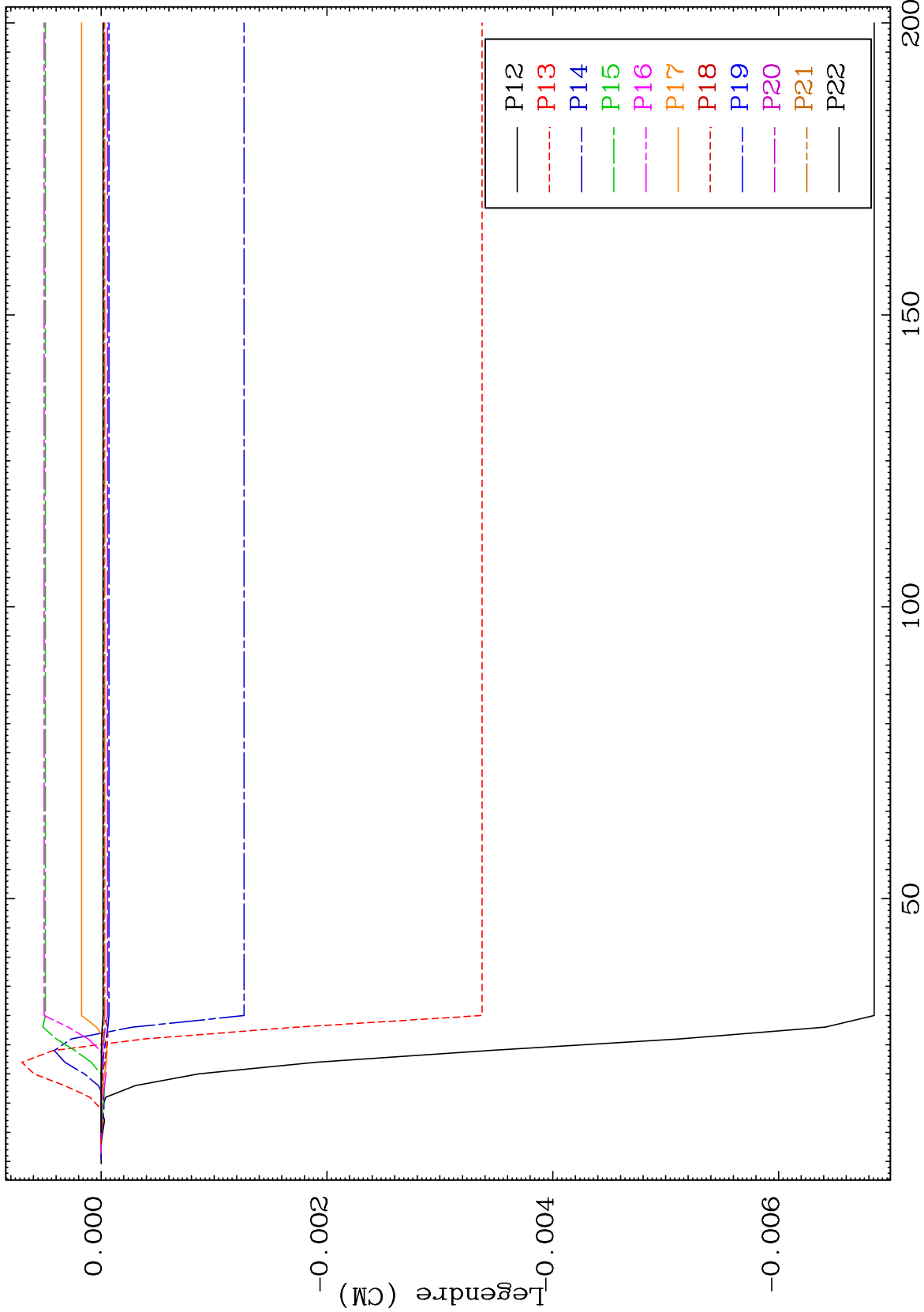
Incident Energy (MeV)

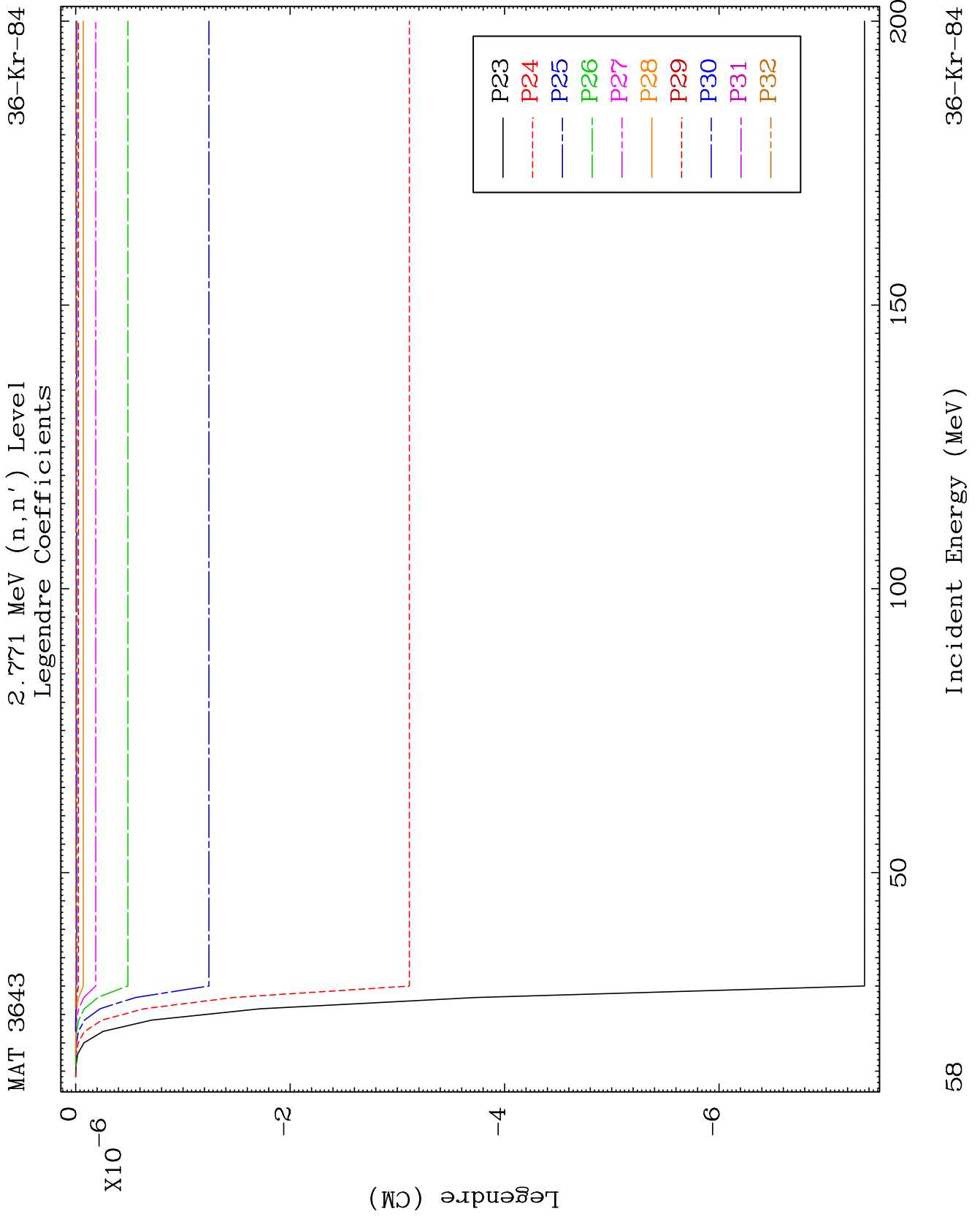
36-Kr-84

MAT 3643

2.771 MeV (n, n') Level
Legendre Coefficients

36-Kr-84

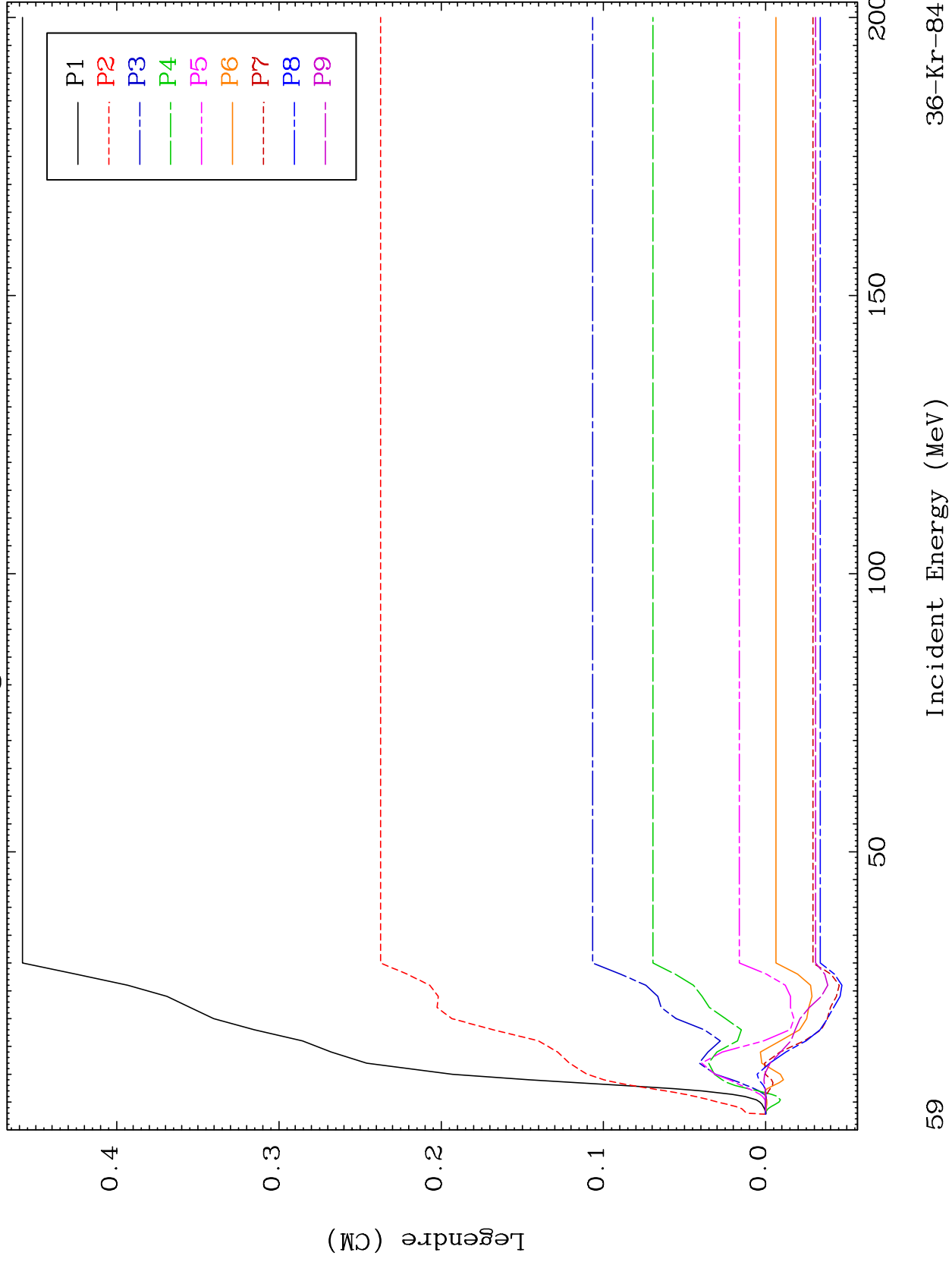




MAT 3643

2.775 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



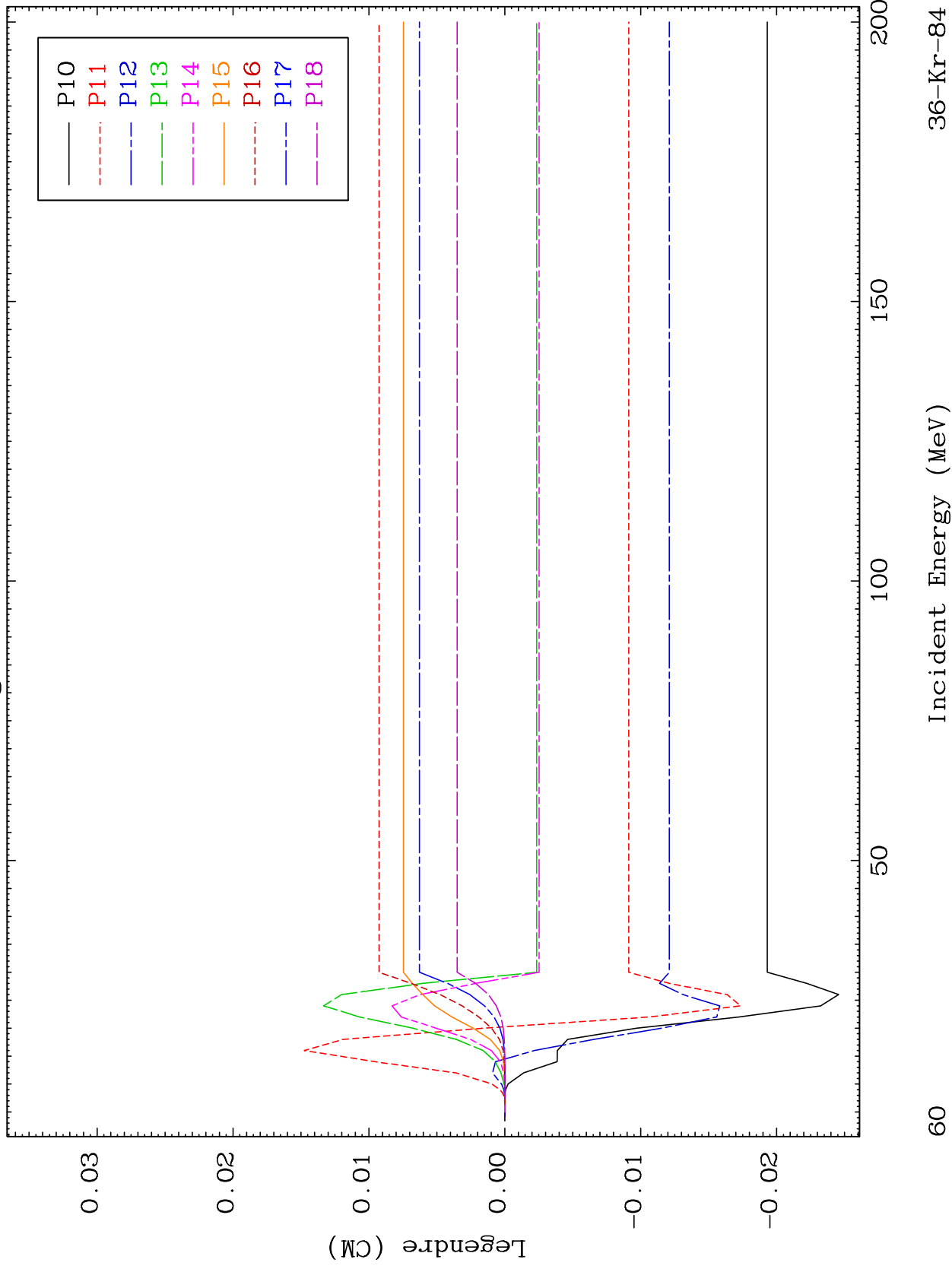
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36-Kr-84

MAT 3643

2.775 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



36-Kr-84

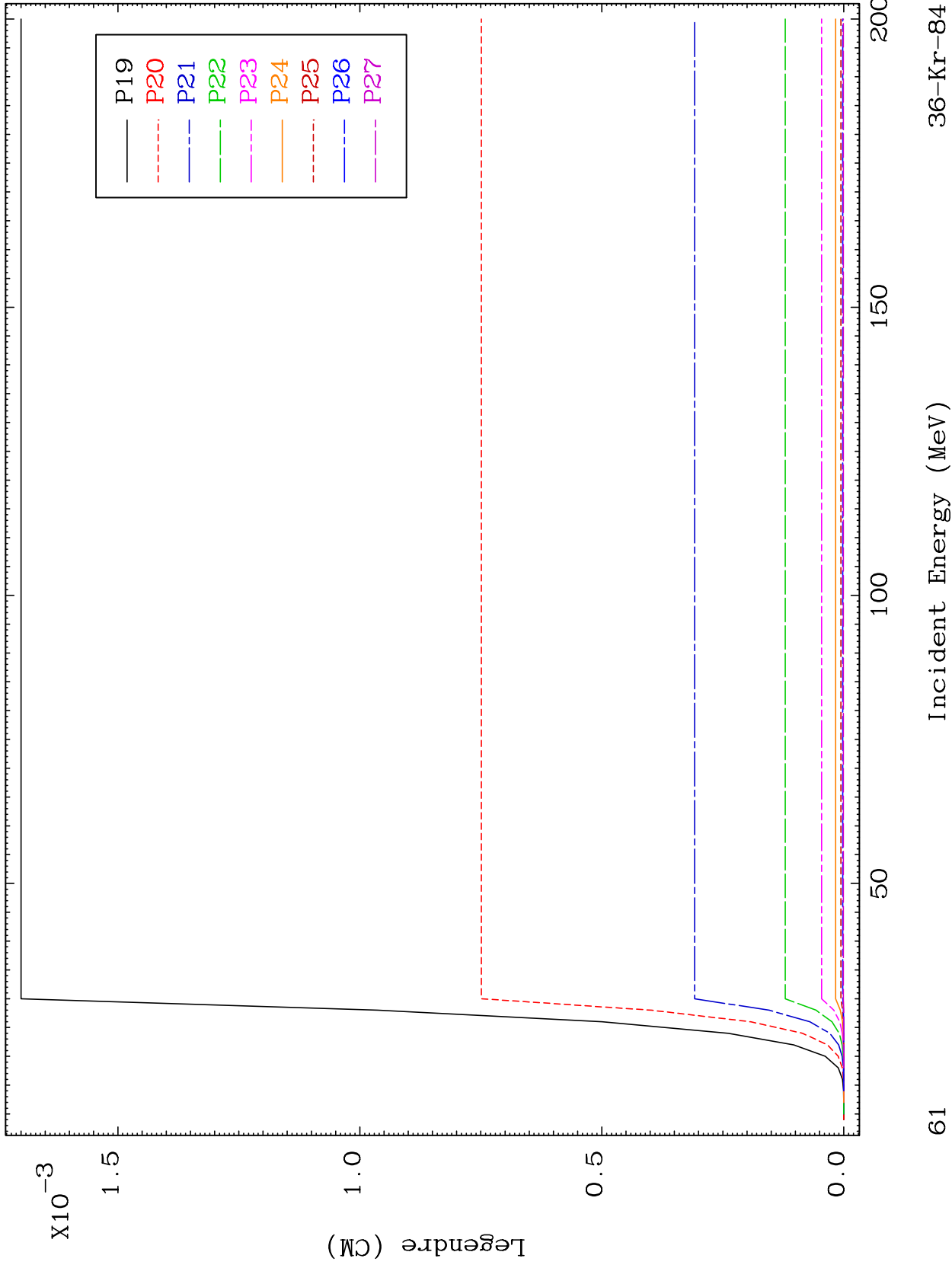
Incident Energy (MeV)

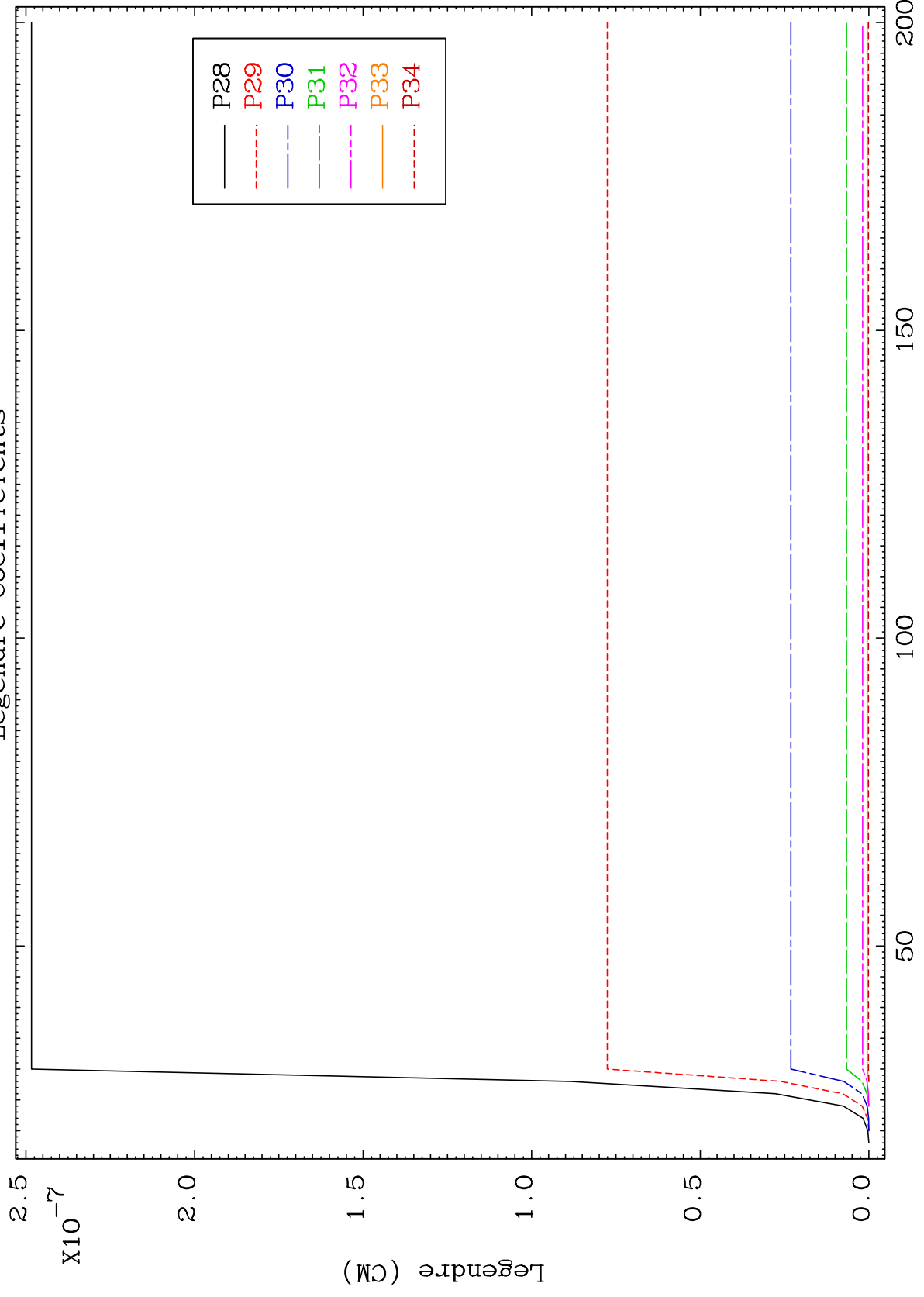
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MAT 3643

2.775 MeV (n,n') Level
Legendre Coefficients

36-Kr-84

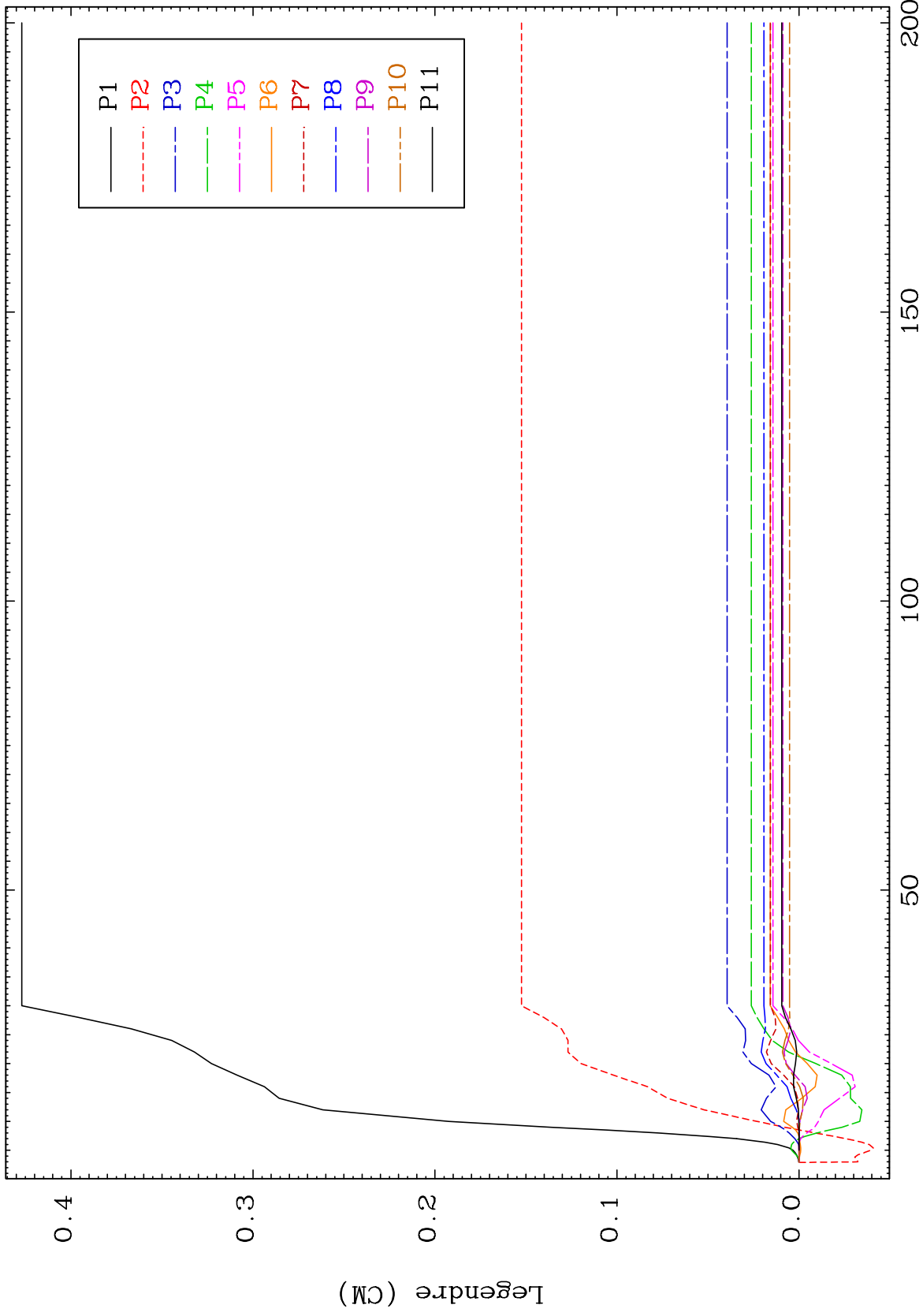




MAT 3643

2.861 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



63

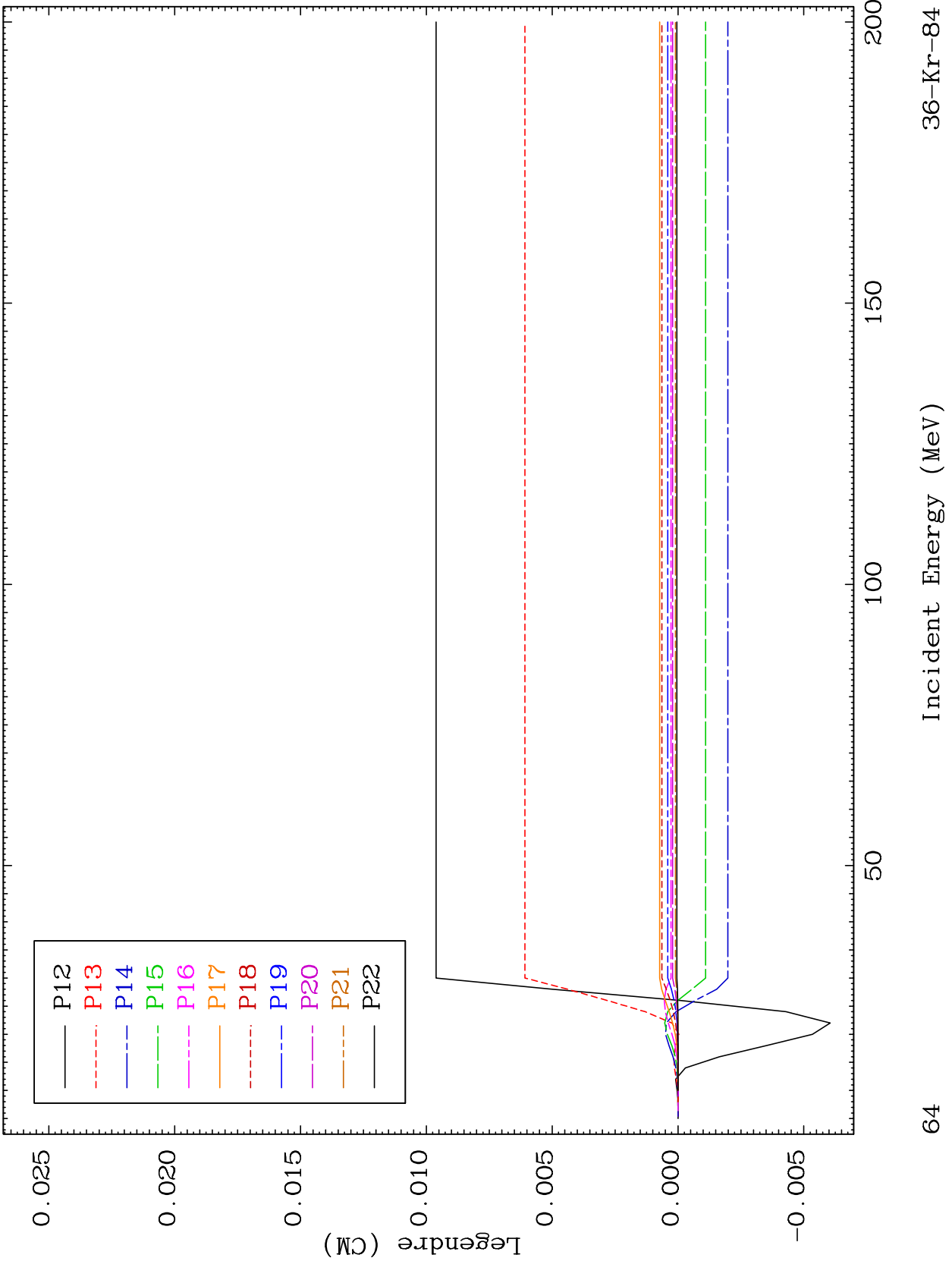
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.861 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



64

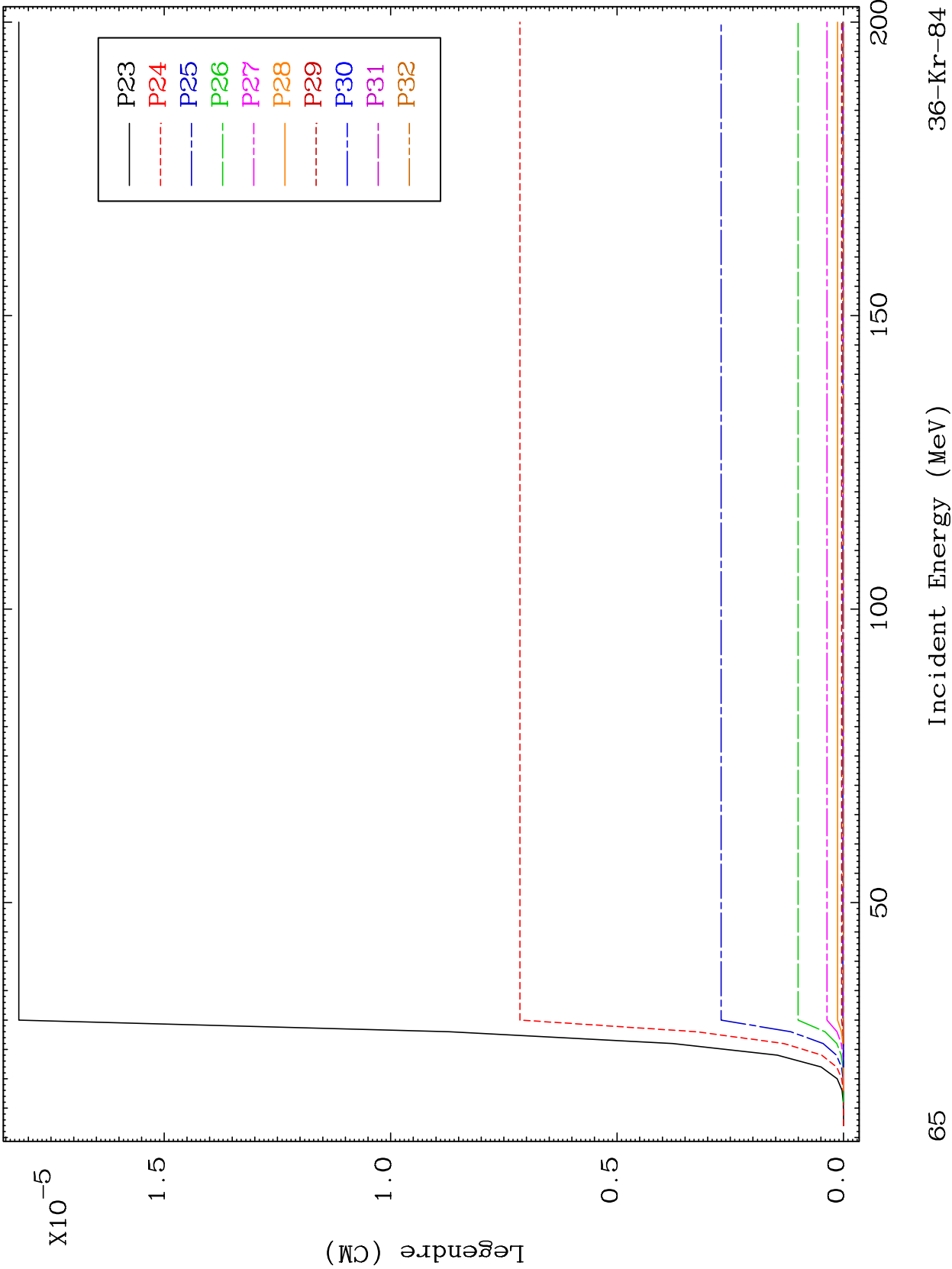
Incident Energy (MeV)

36-Kr-84

MAT 3643

2.861 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



65

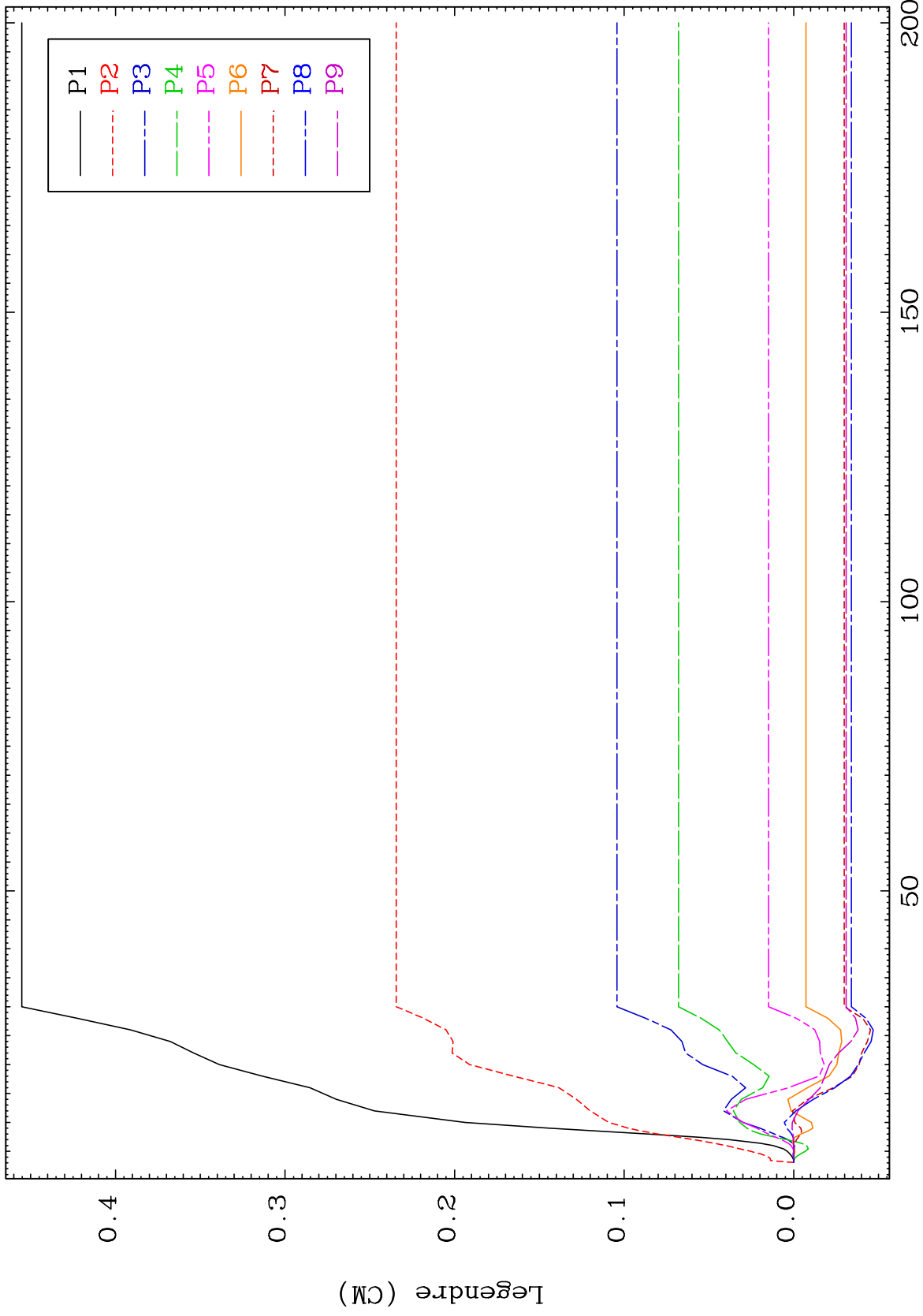
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.042 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



66

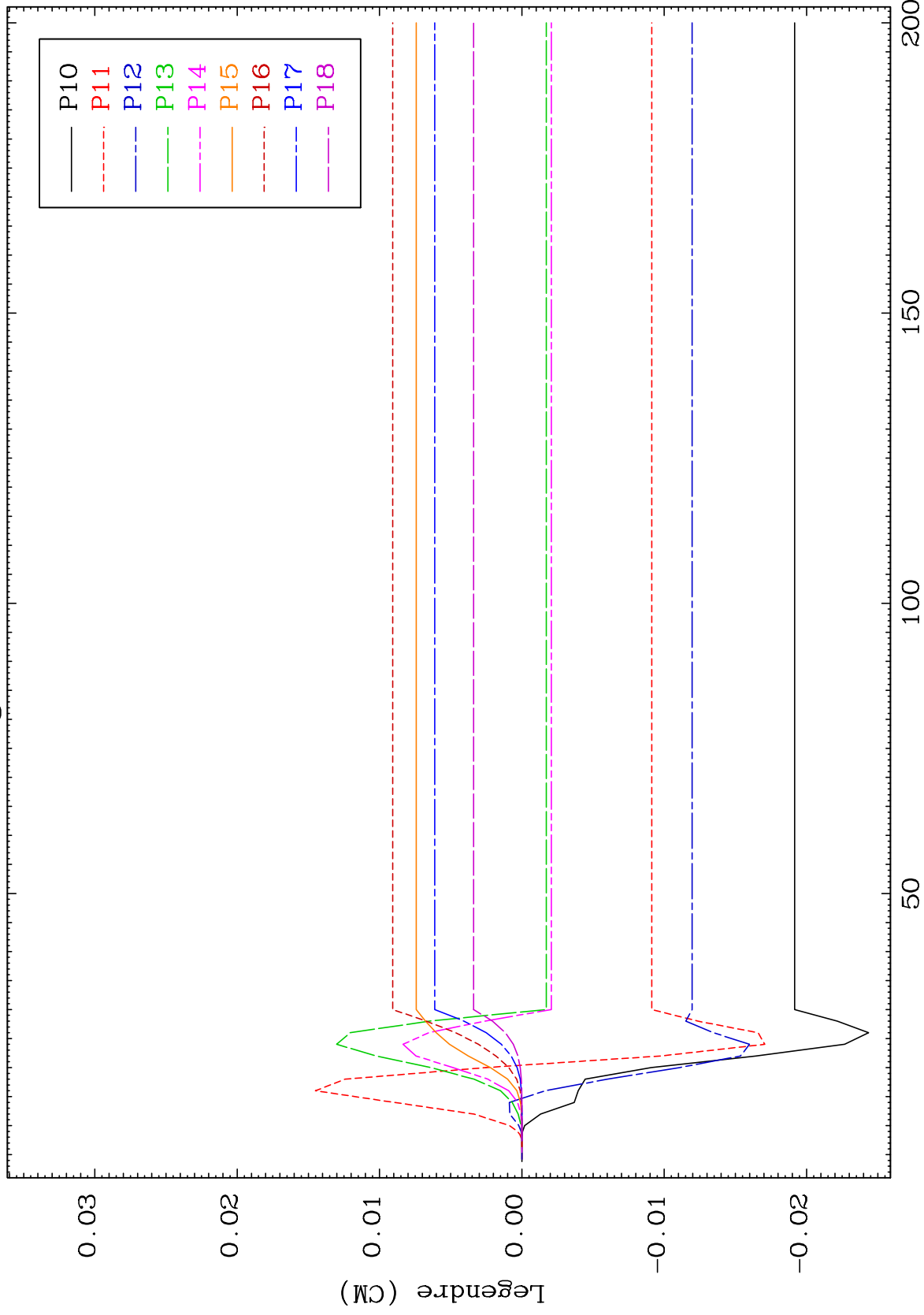
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.042 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



67

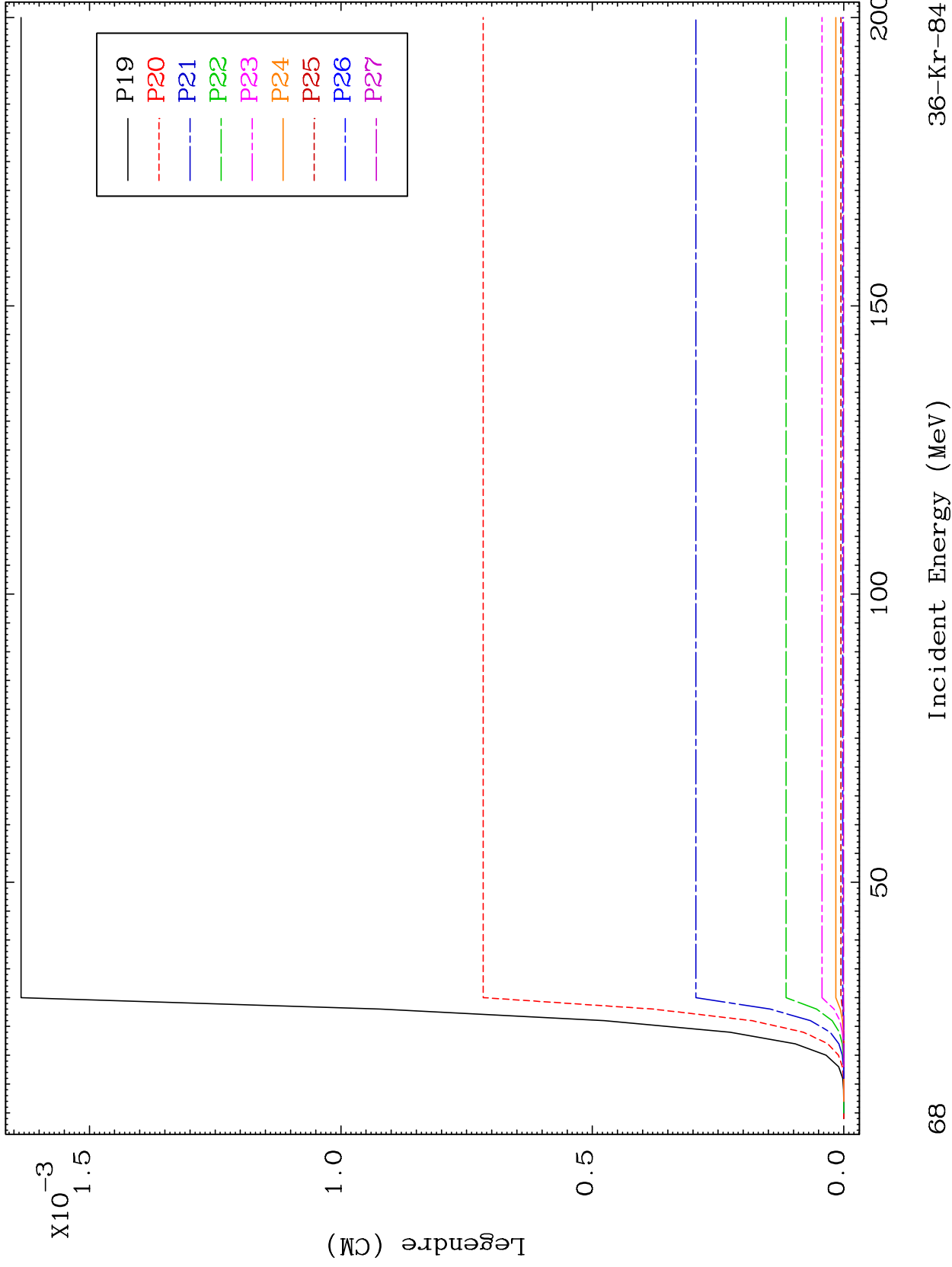
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.042 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



68

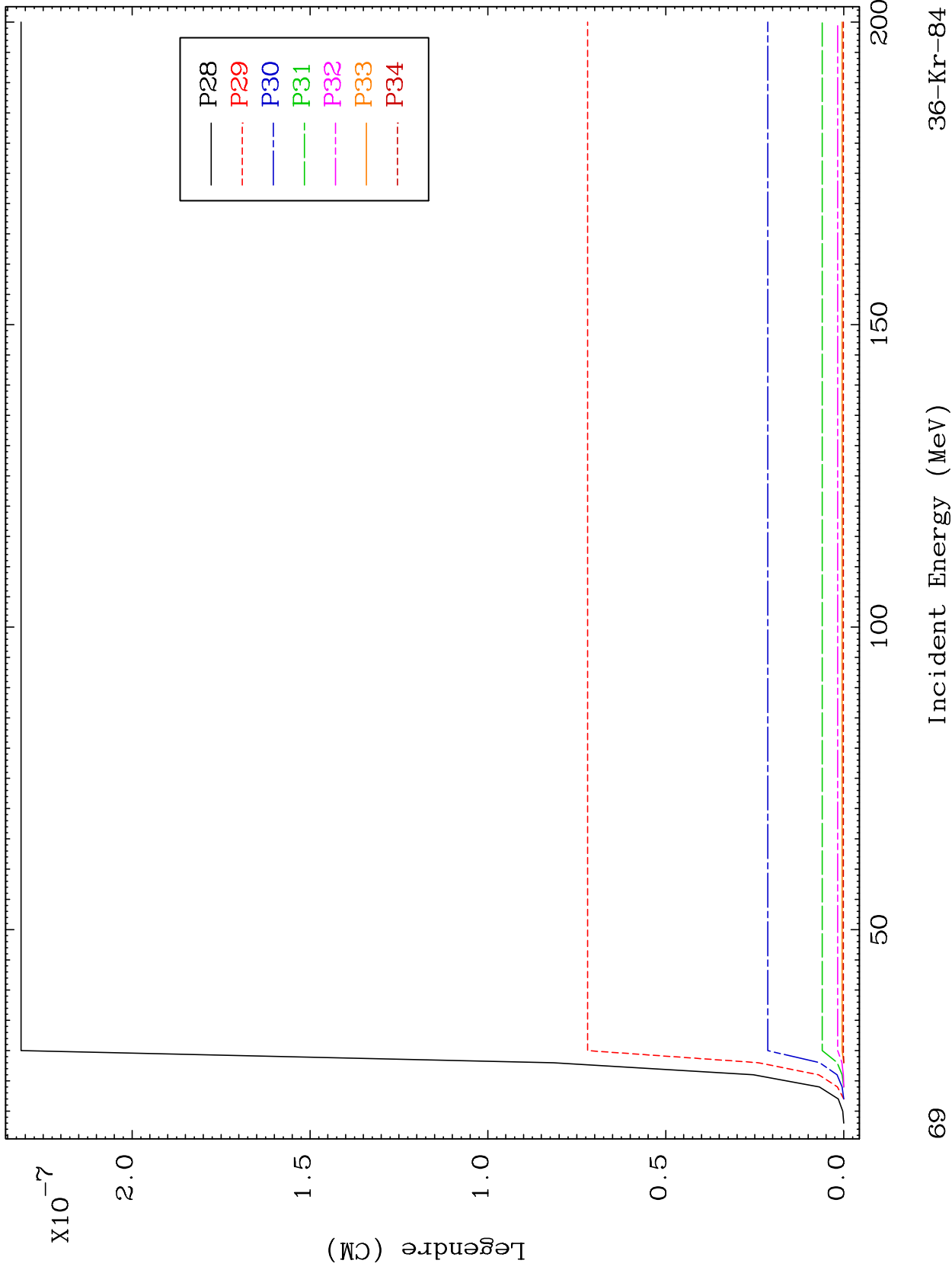
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.042 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



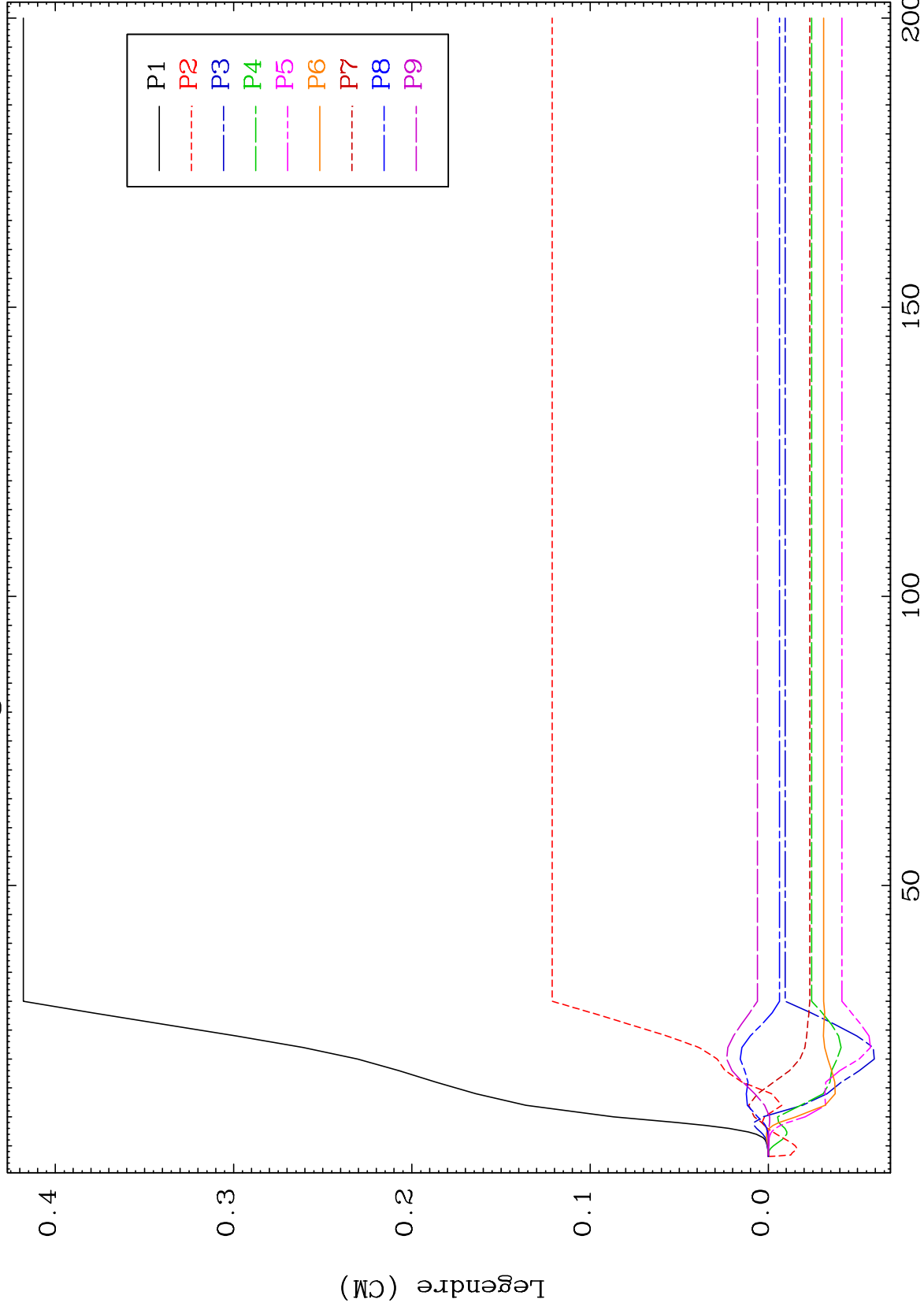
69

36-Kr-84

MAT 3643

3.082 MeV (n,n') Level
Legendre Coefficients

36-Kr-84

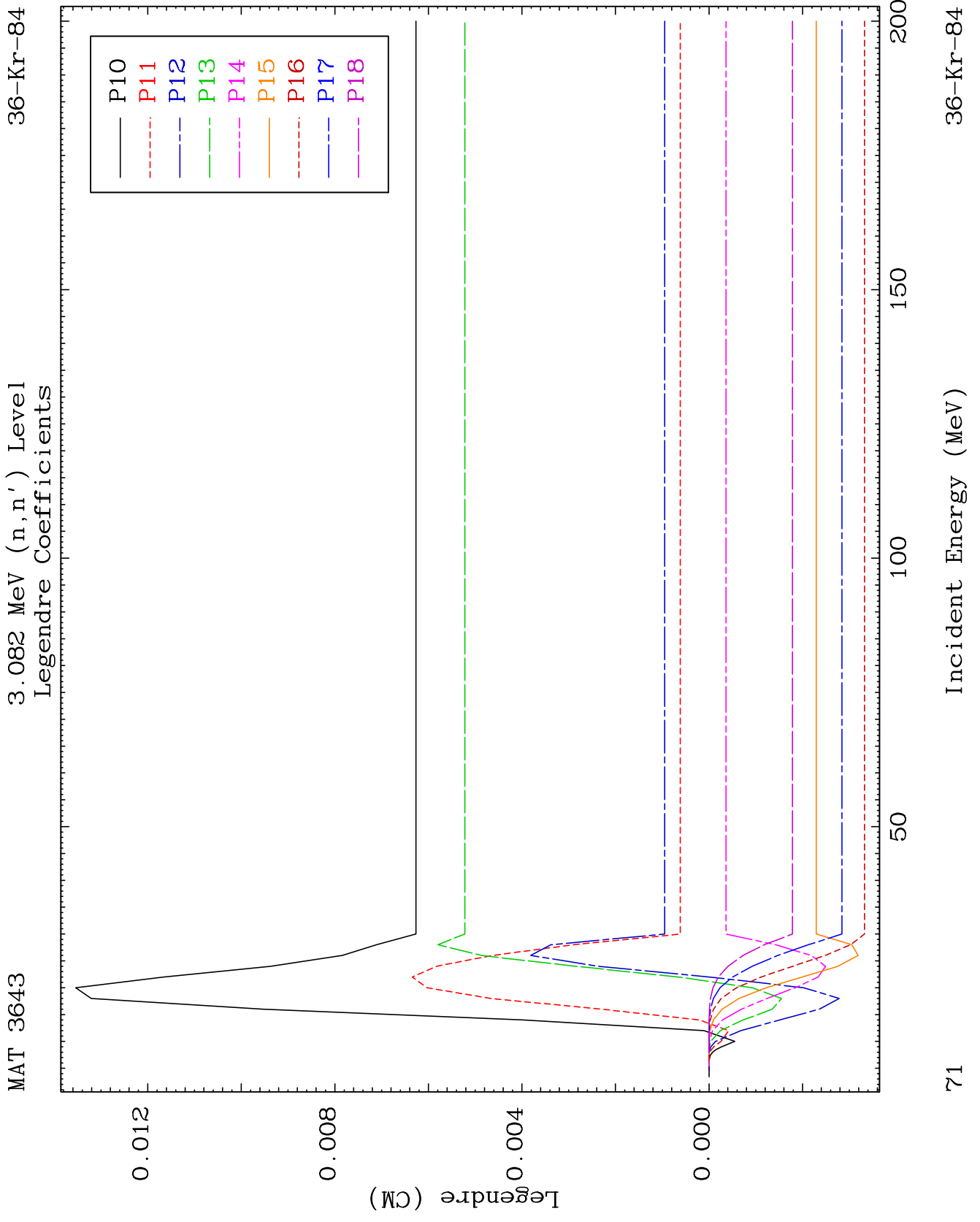


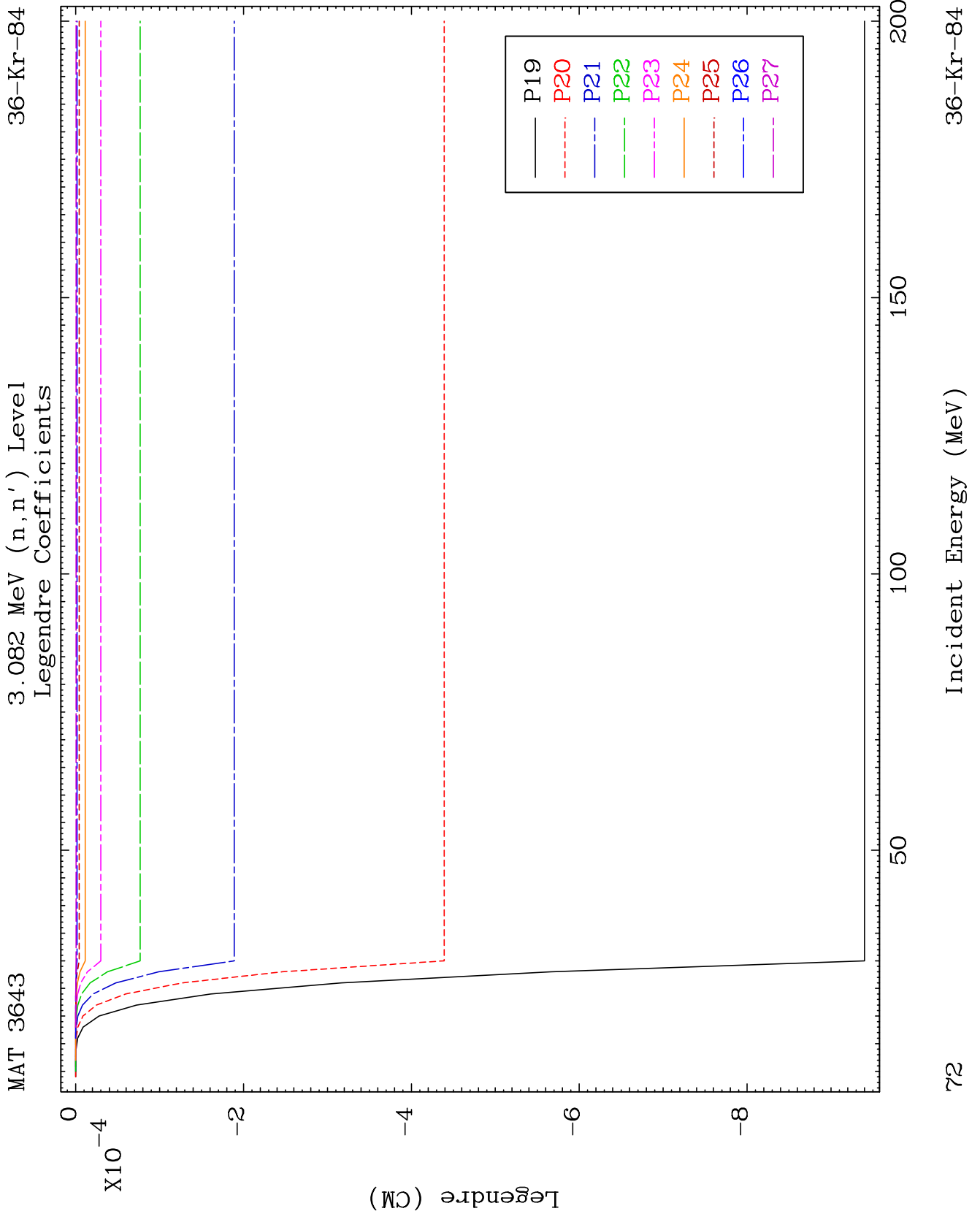
70

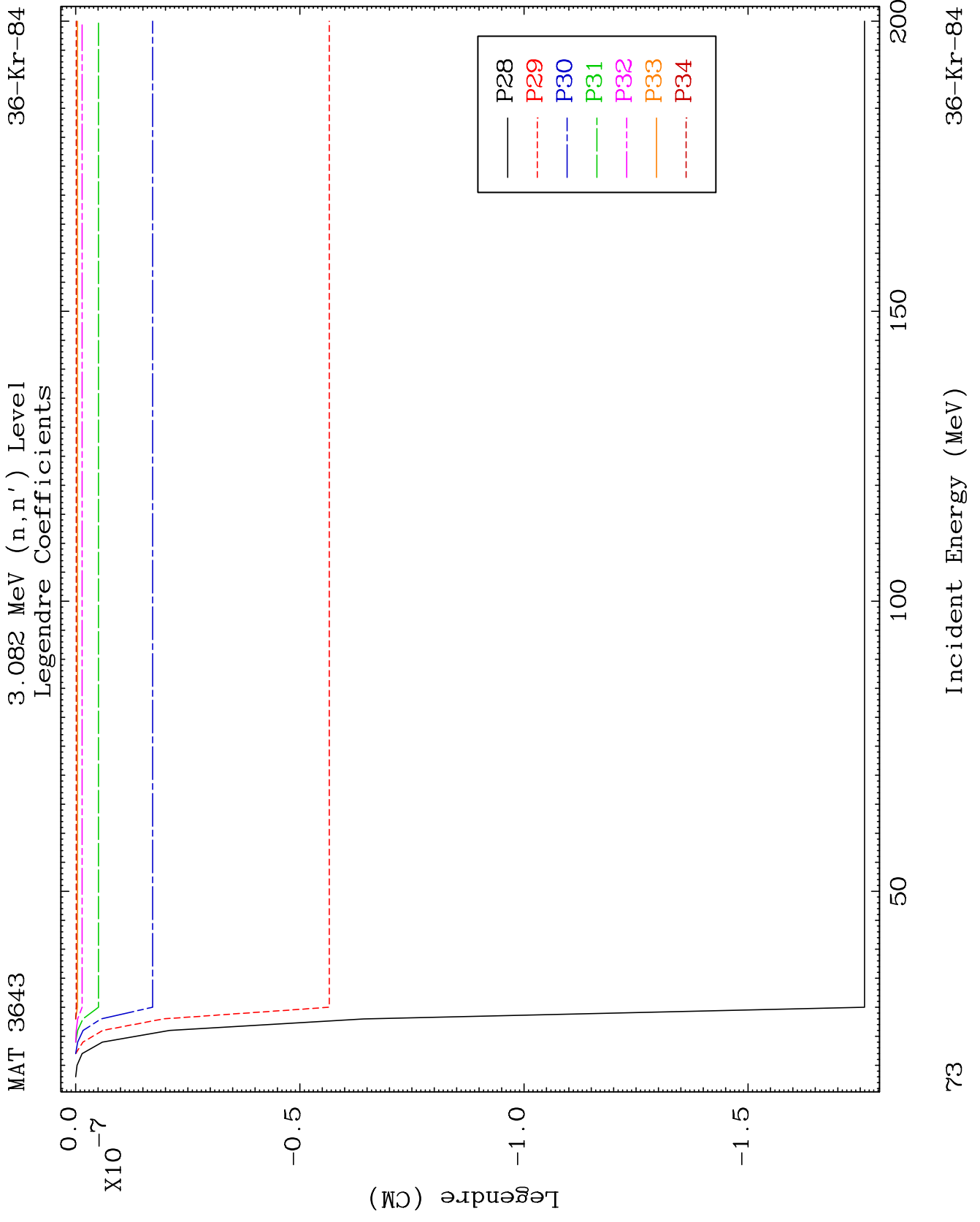
Incident Energy (MeV)

150

36-Kr-84



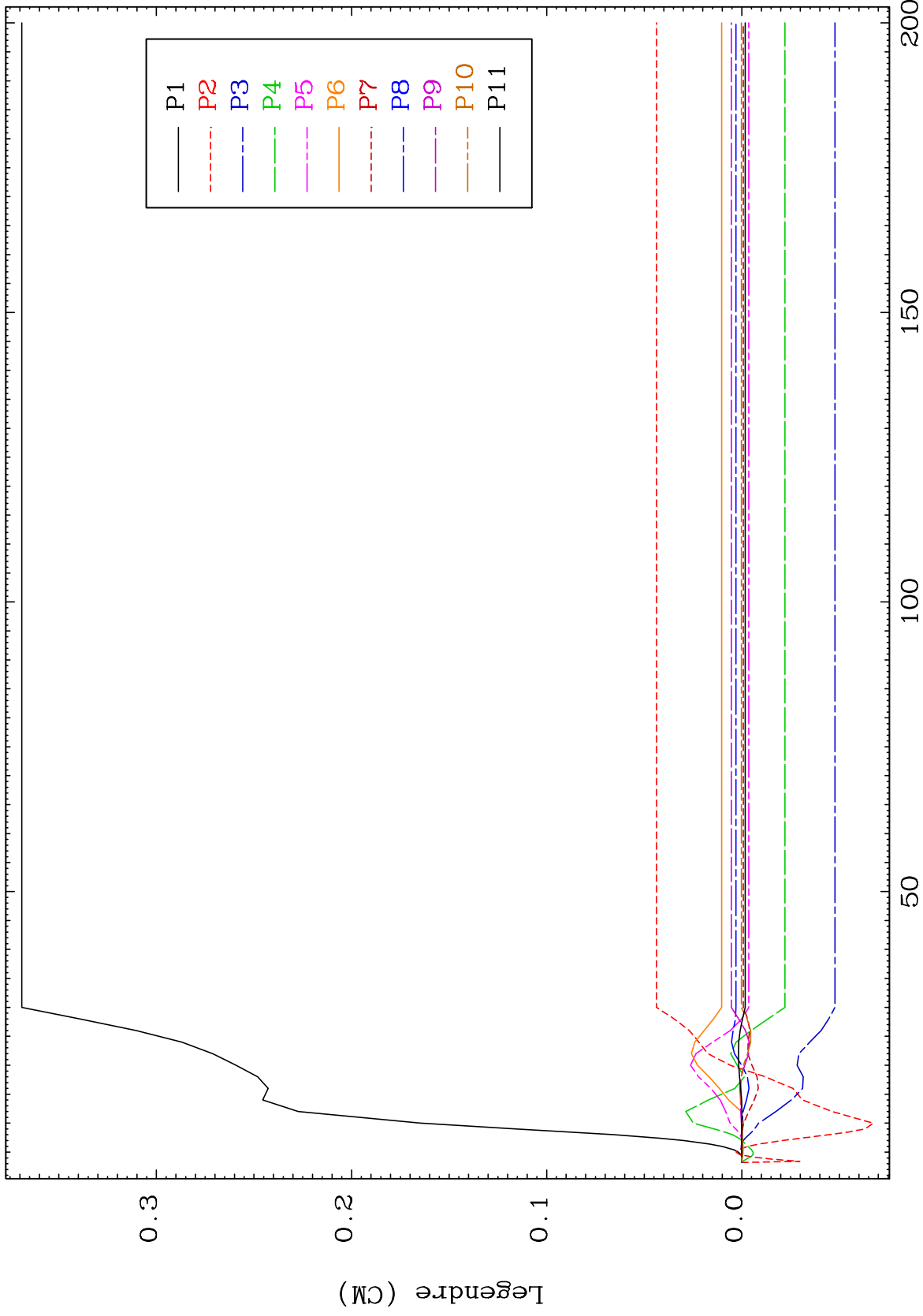




MAT 3643

3.173 MeV (n, n') Level
Legendre Coefficients

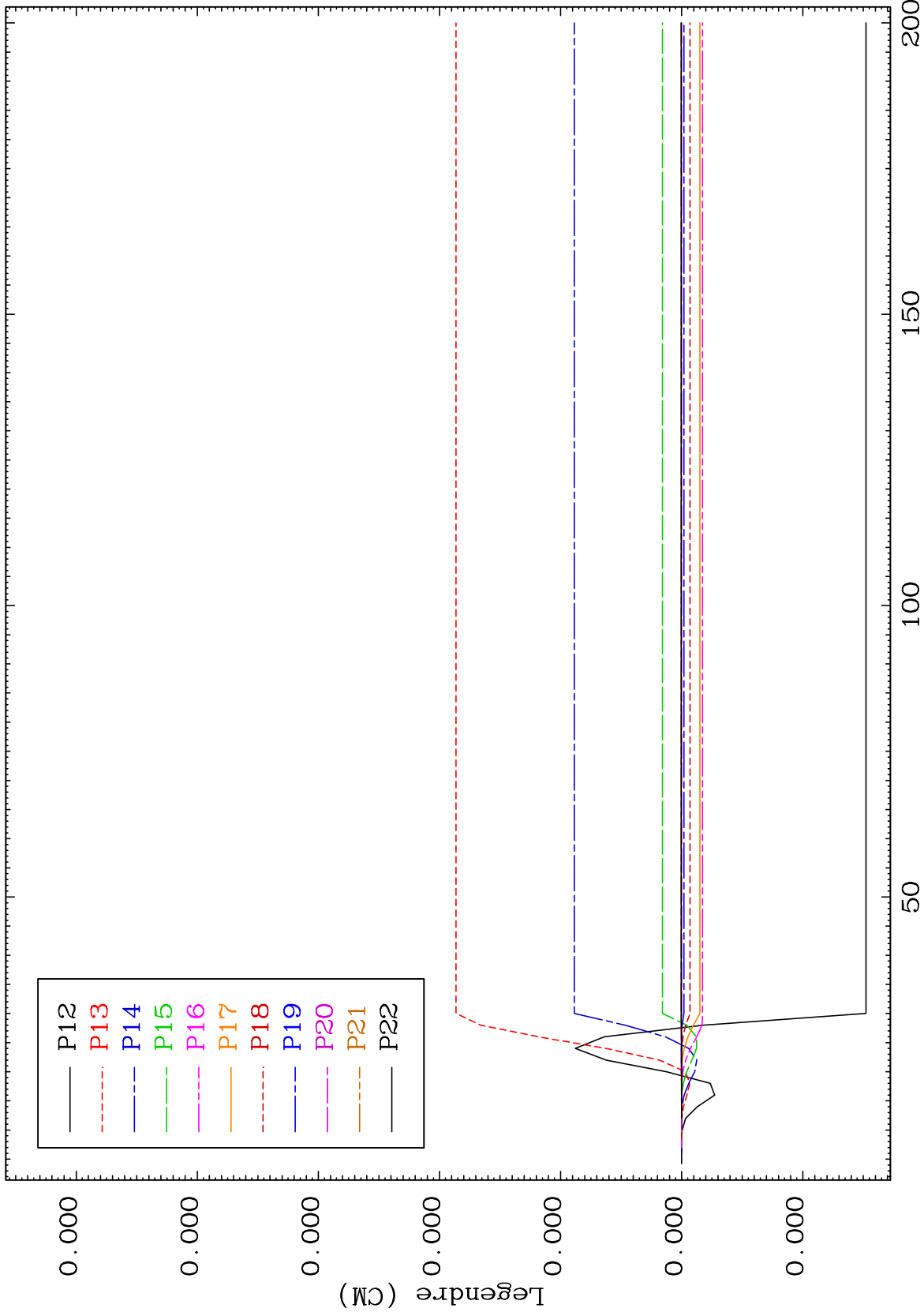
36-Kr-84



74

Incident Energy (MeV)

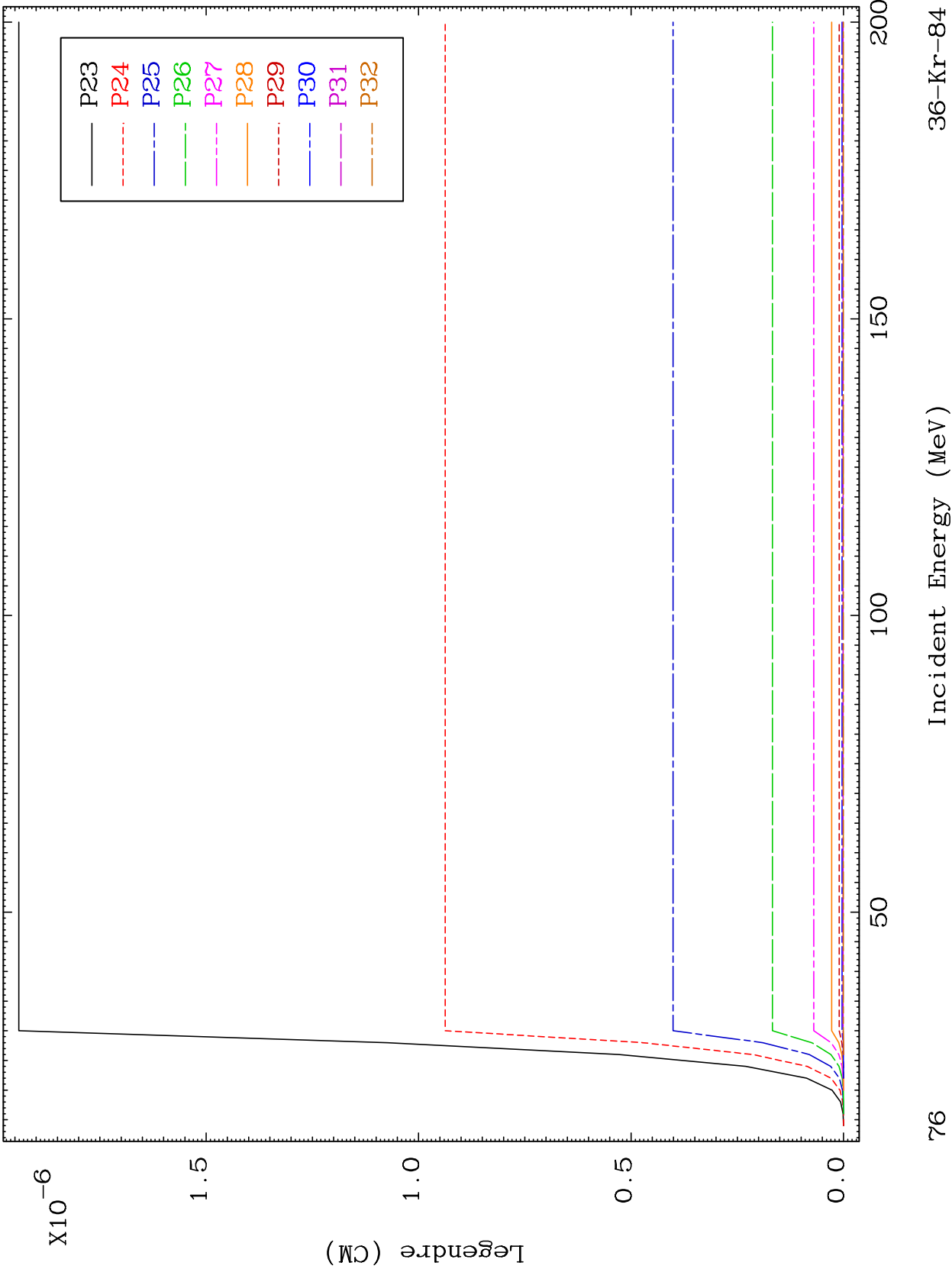
36-Kr-84

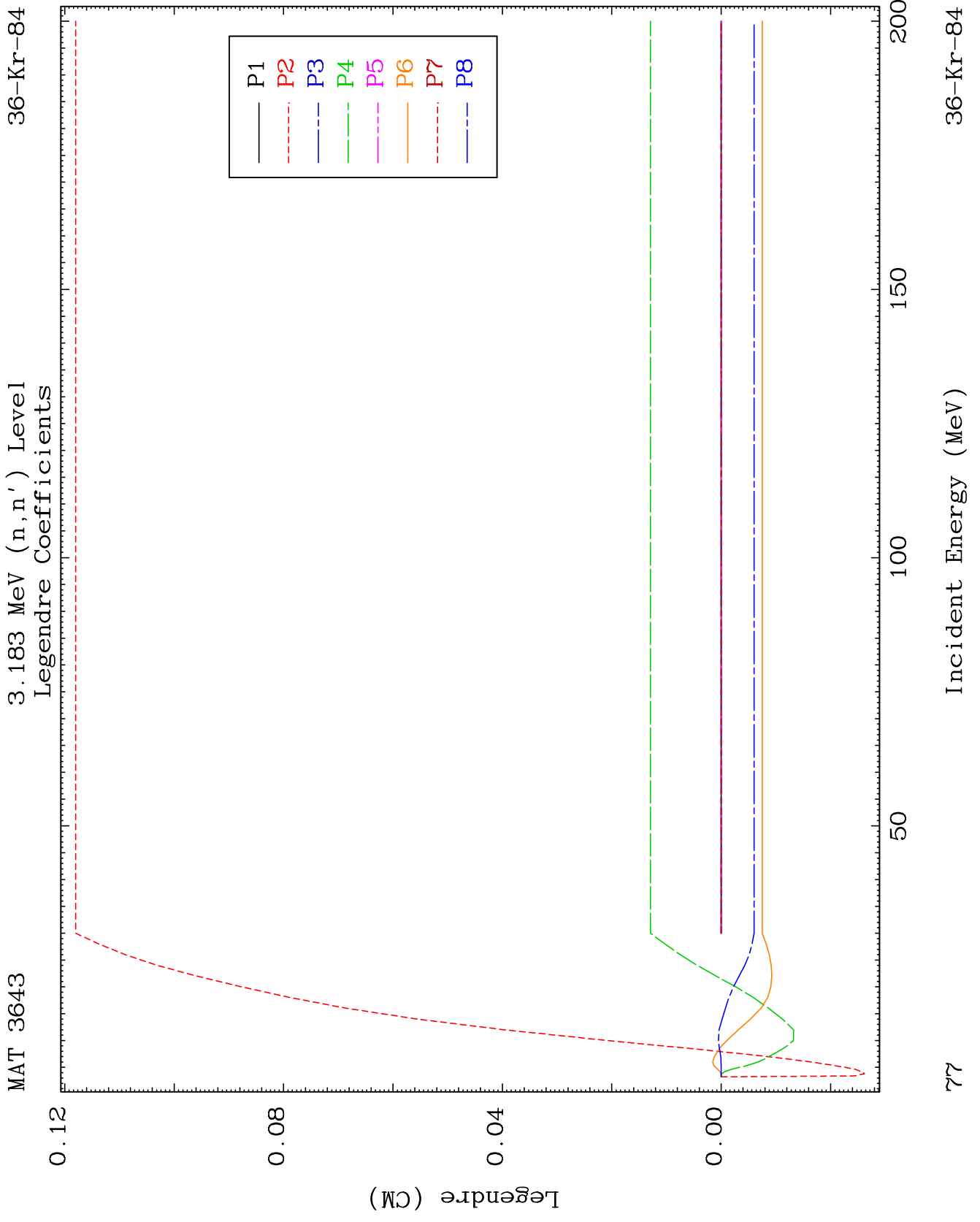


MAT 3643

3.173 MeV (n,n') Level
Legendre Coefficients

36-Kr-84

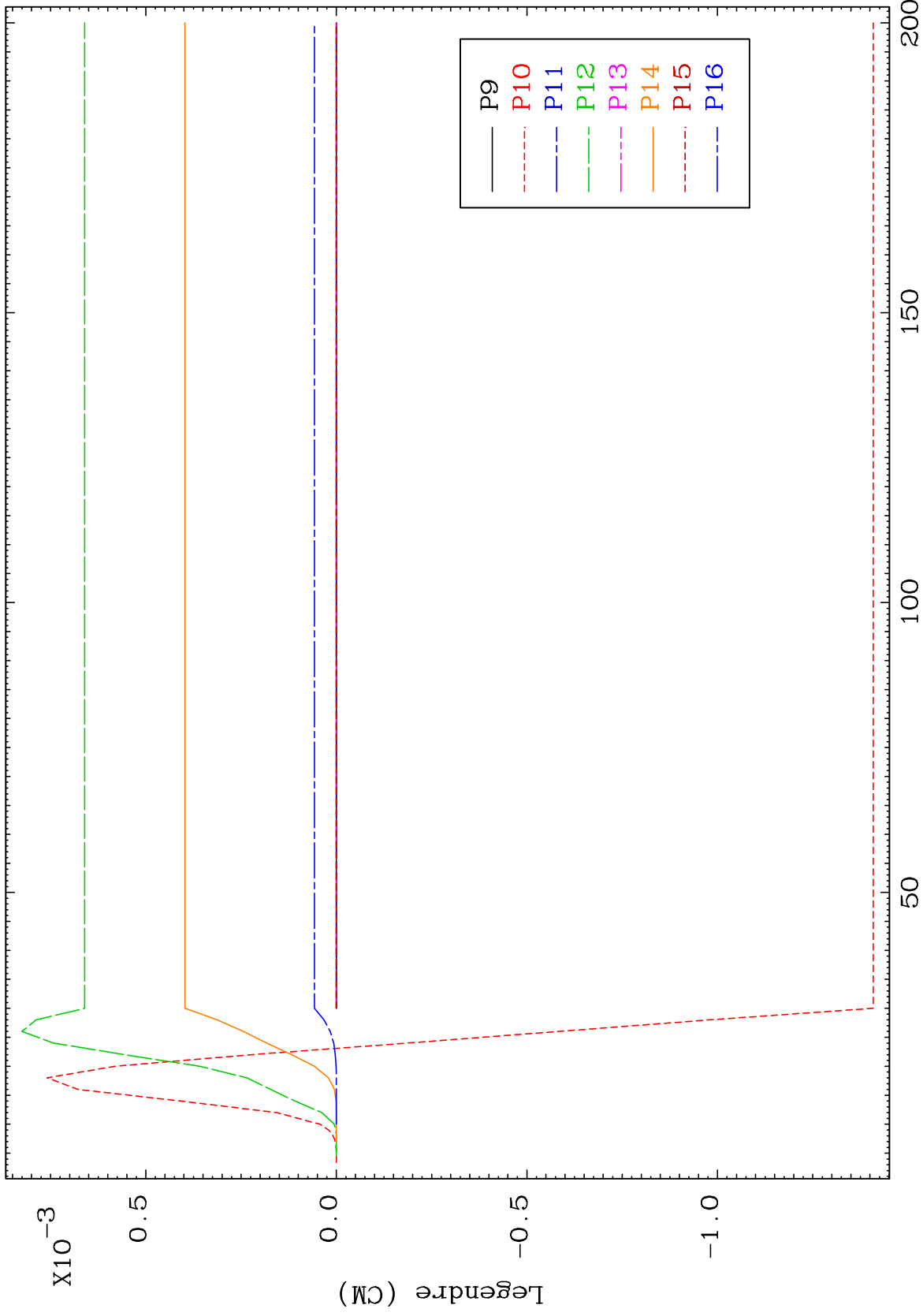




MAT 3643

3.183 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



78

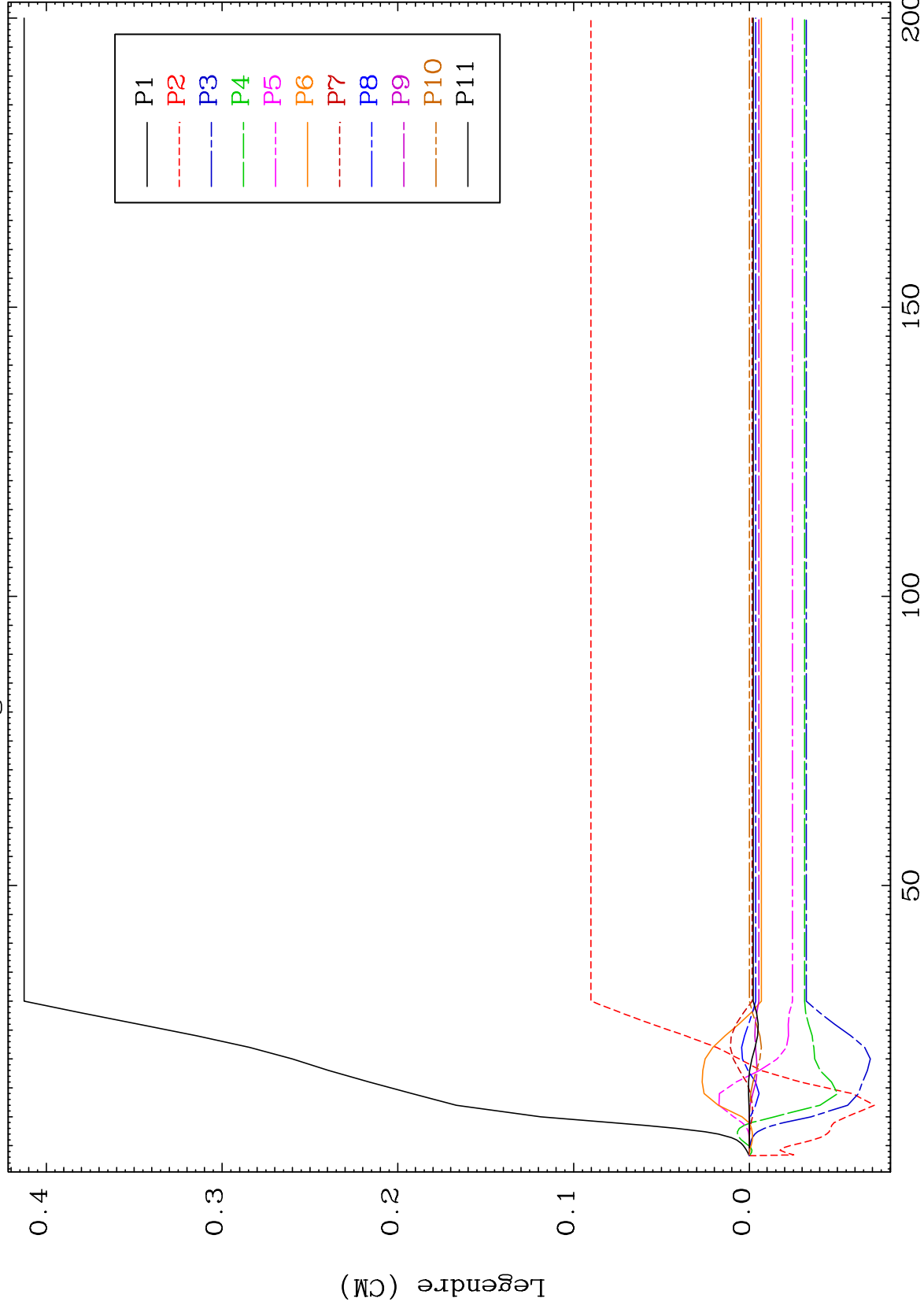
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.219 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



80

Incident Energy (MeV)

150

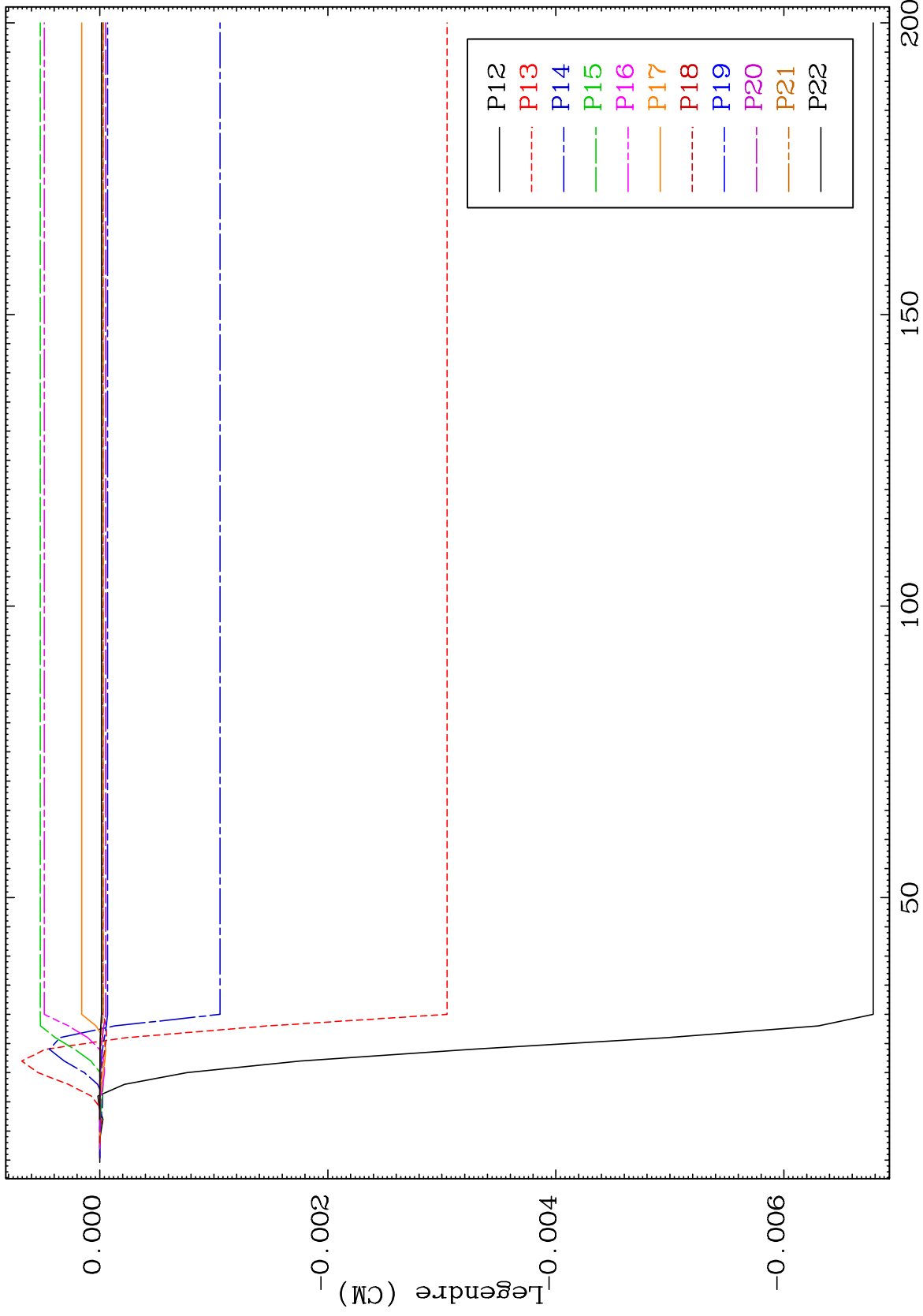
200

36-Kr-84

MAT 3643

3.219 MeV (n,n') Level
Legendre Coefficients

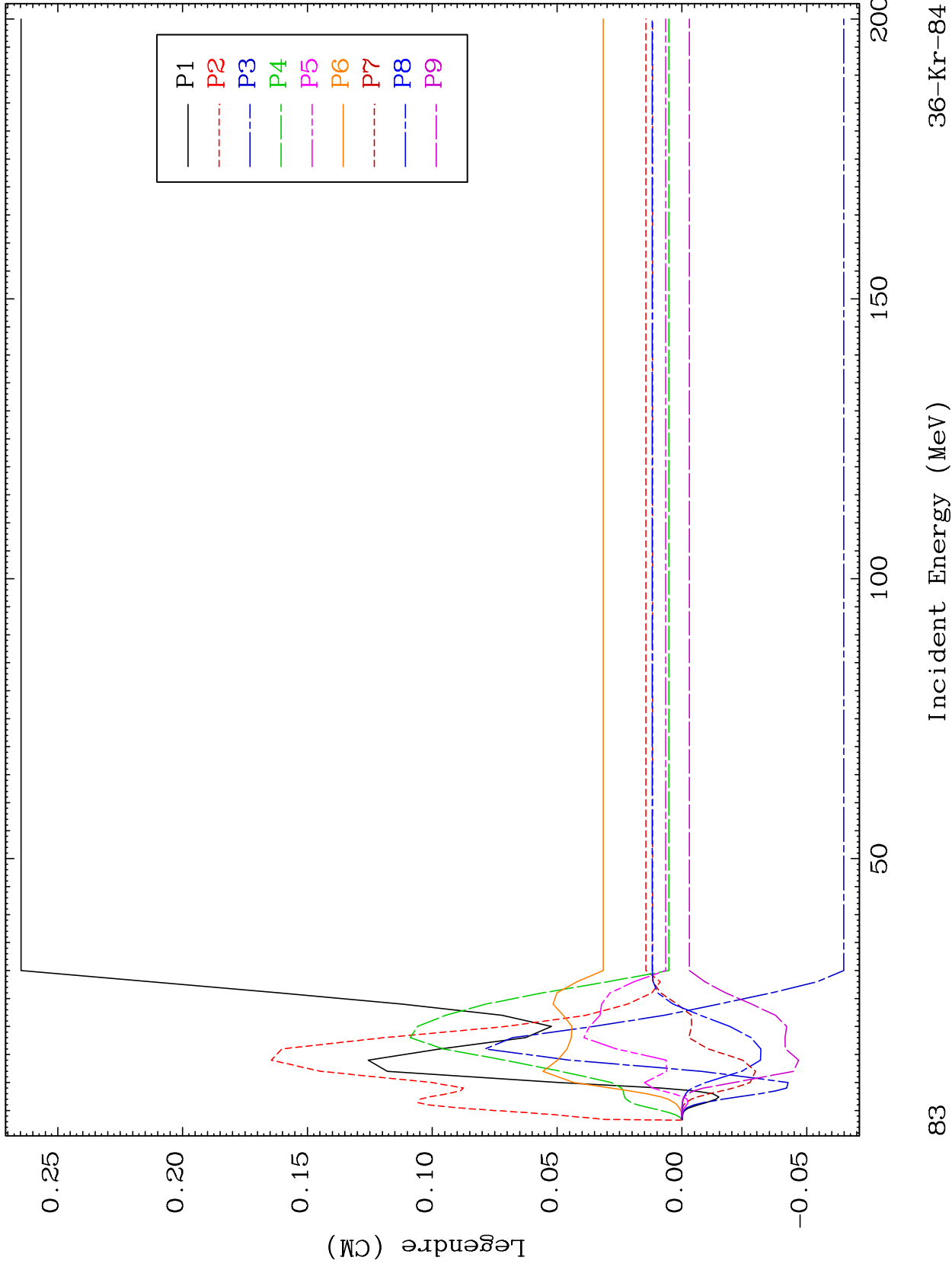
36-Kr-84



MAT 3643

3.225 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



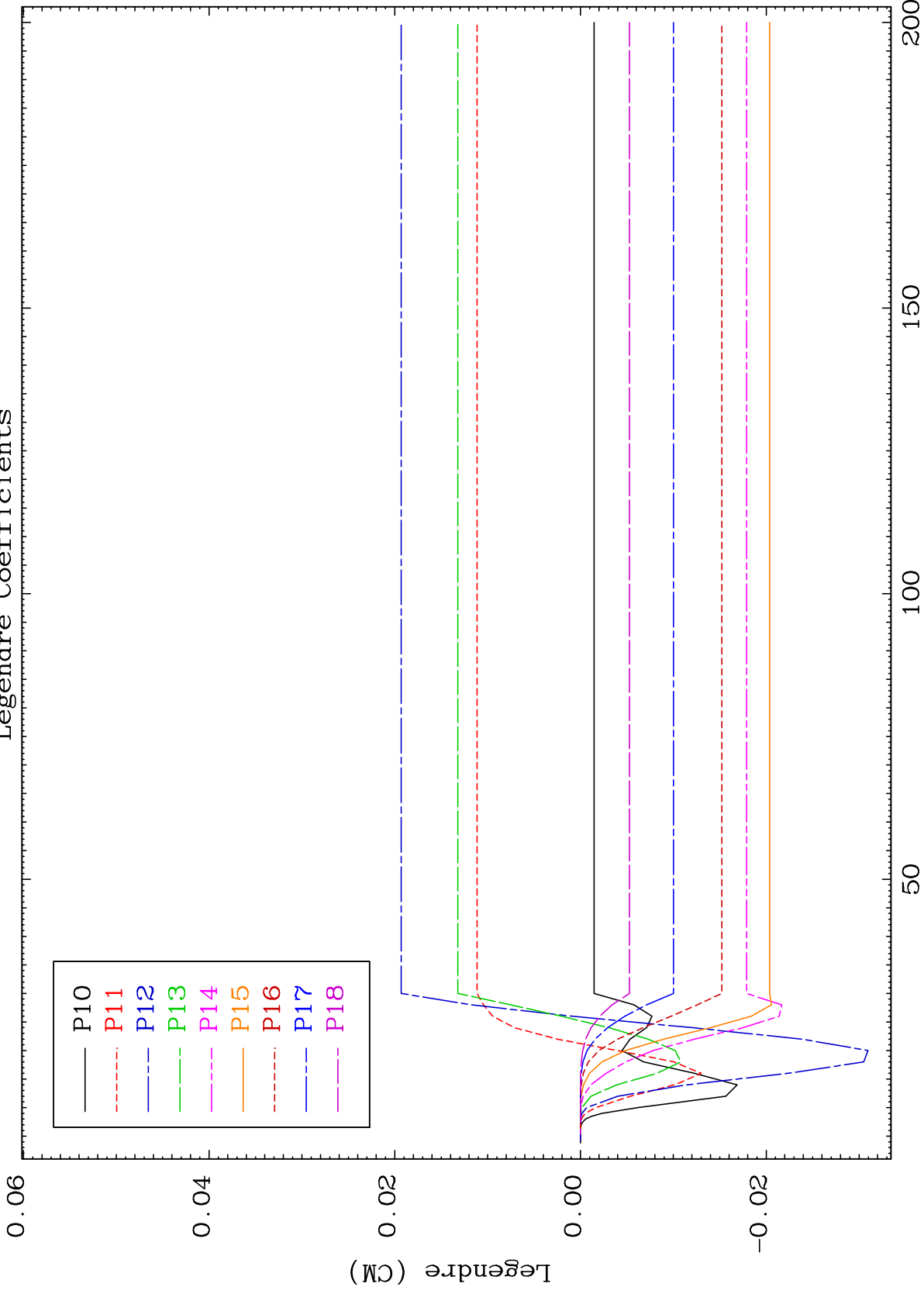
83

36-Kr-84

MAT 3643

3.225 MeV (n,n') Level
Legendre Coefficients

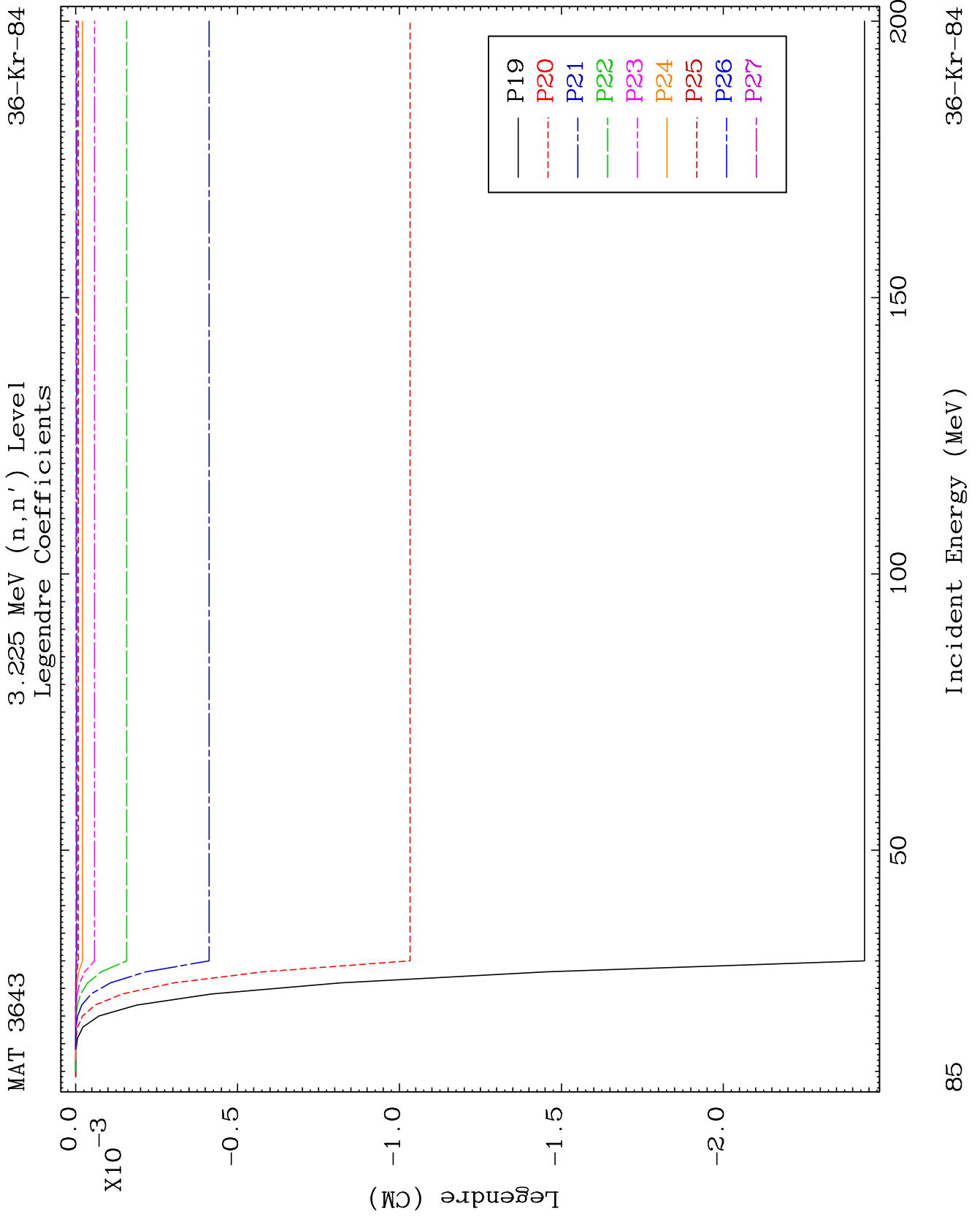
36-Kr-84

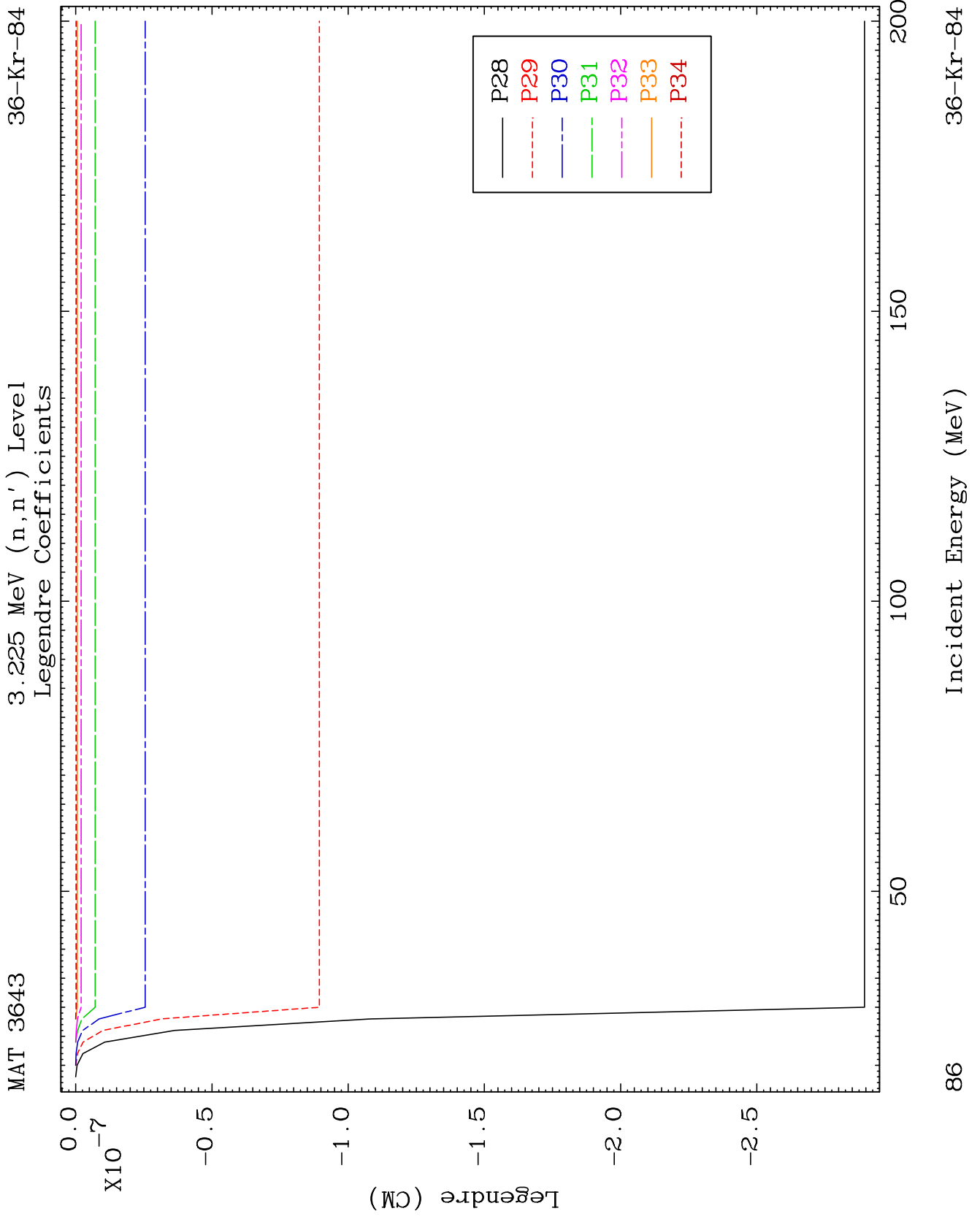


84

Incident Energy (MeV)

36-Kr-84

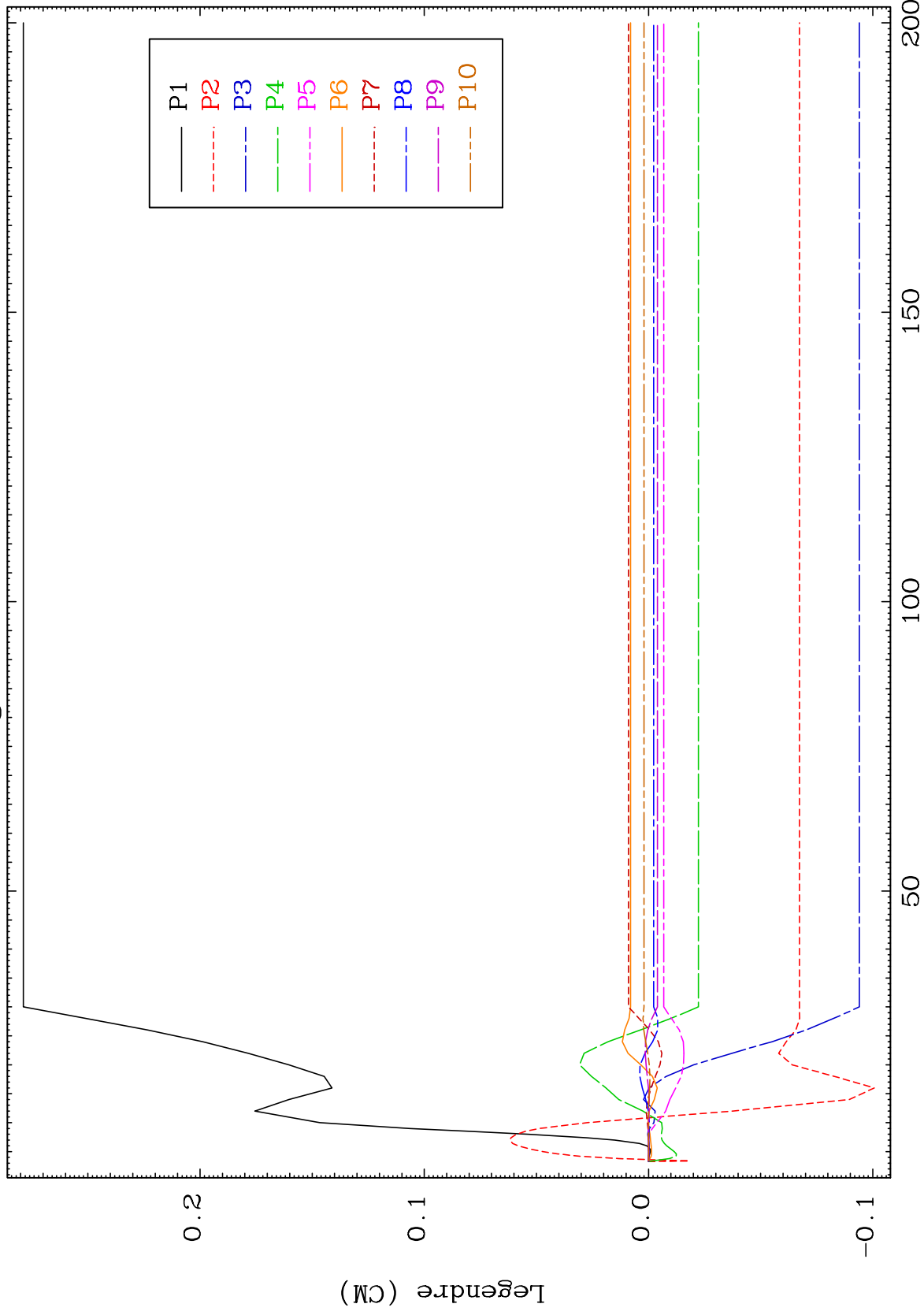




MAT 3643

3.236 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



87

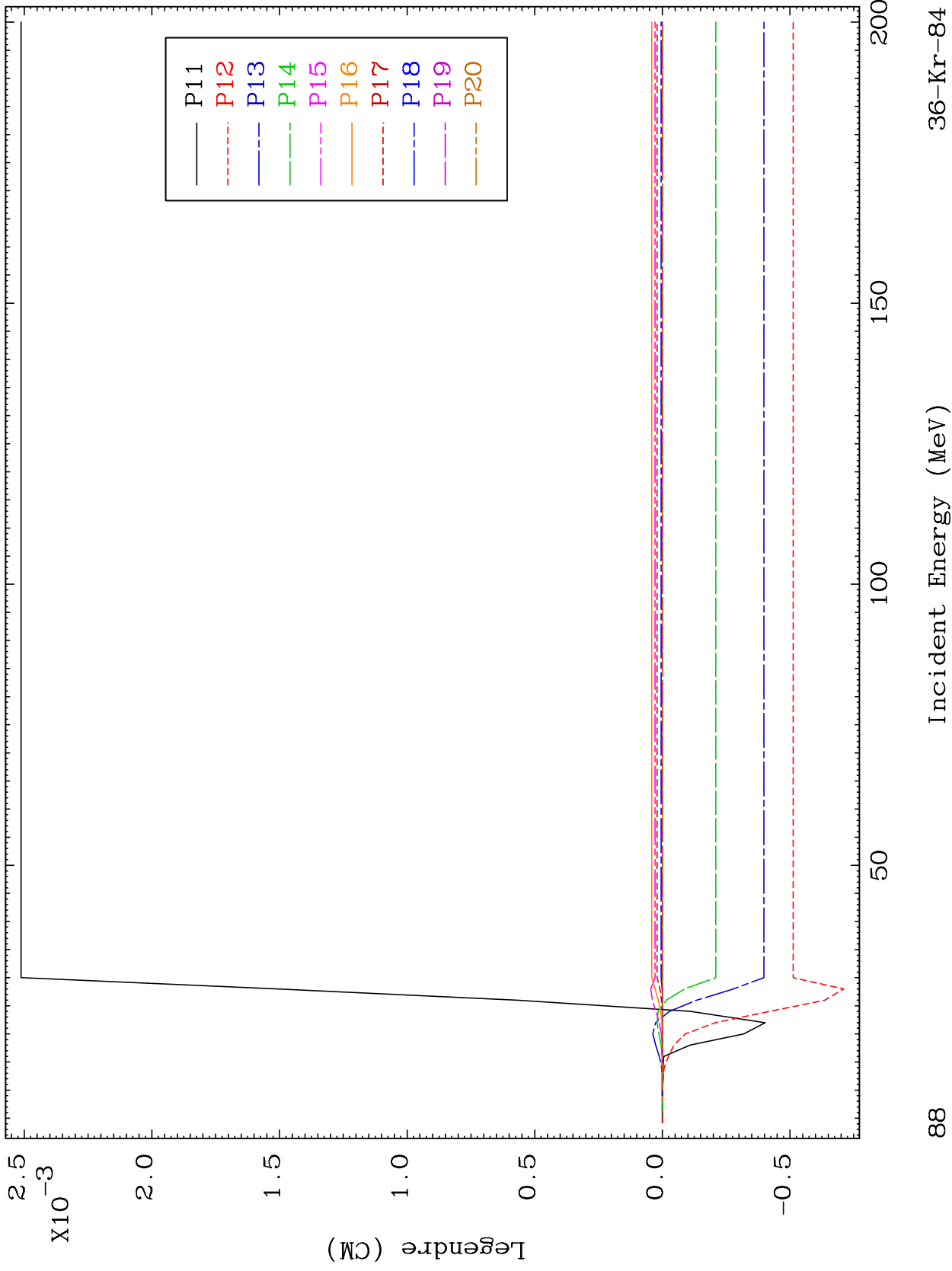
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.236 MeV (n,n') Level
Legendre Coefficients

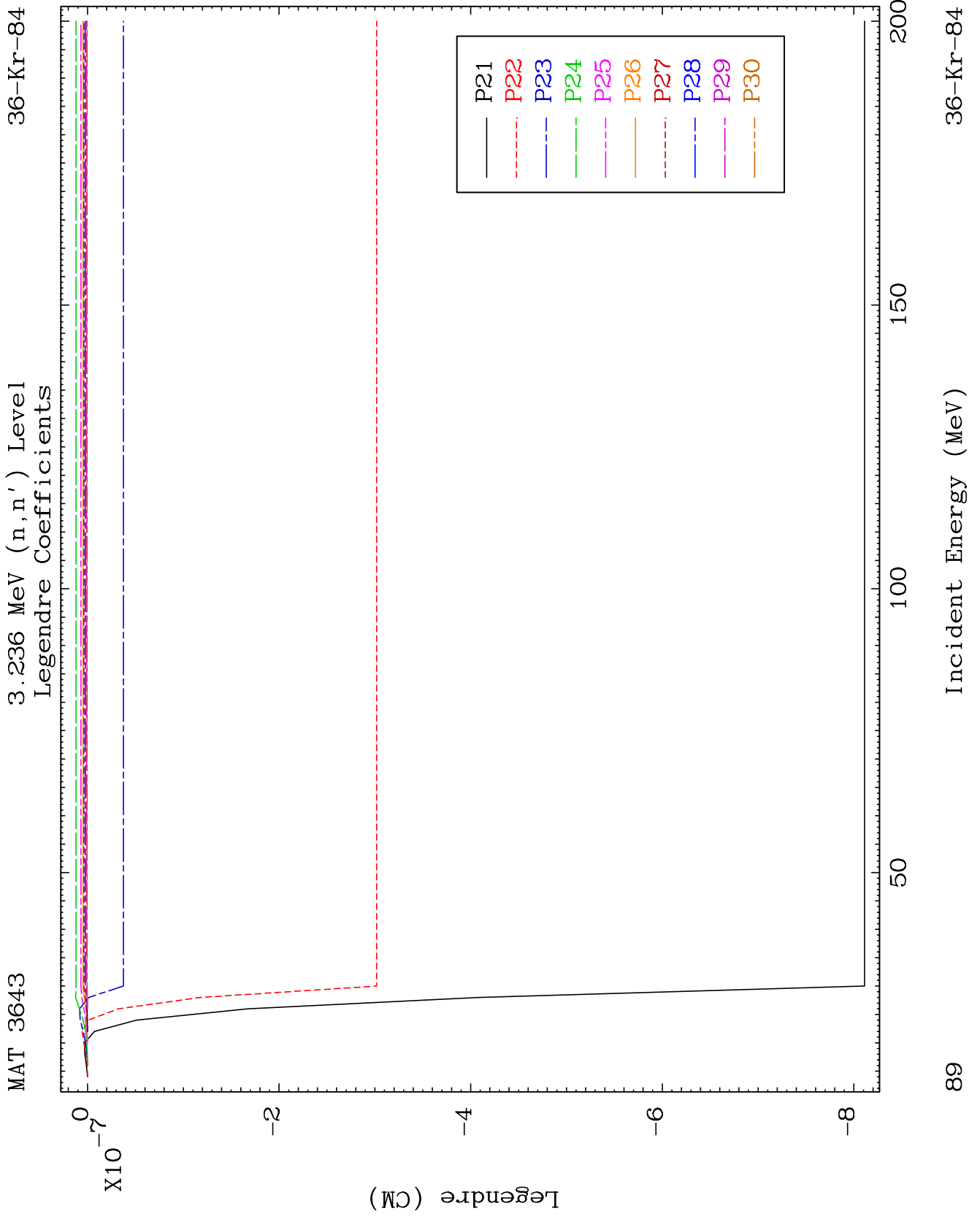
36-Kr-84



88

Incident Energy (MeV)

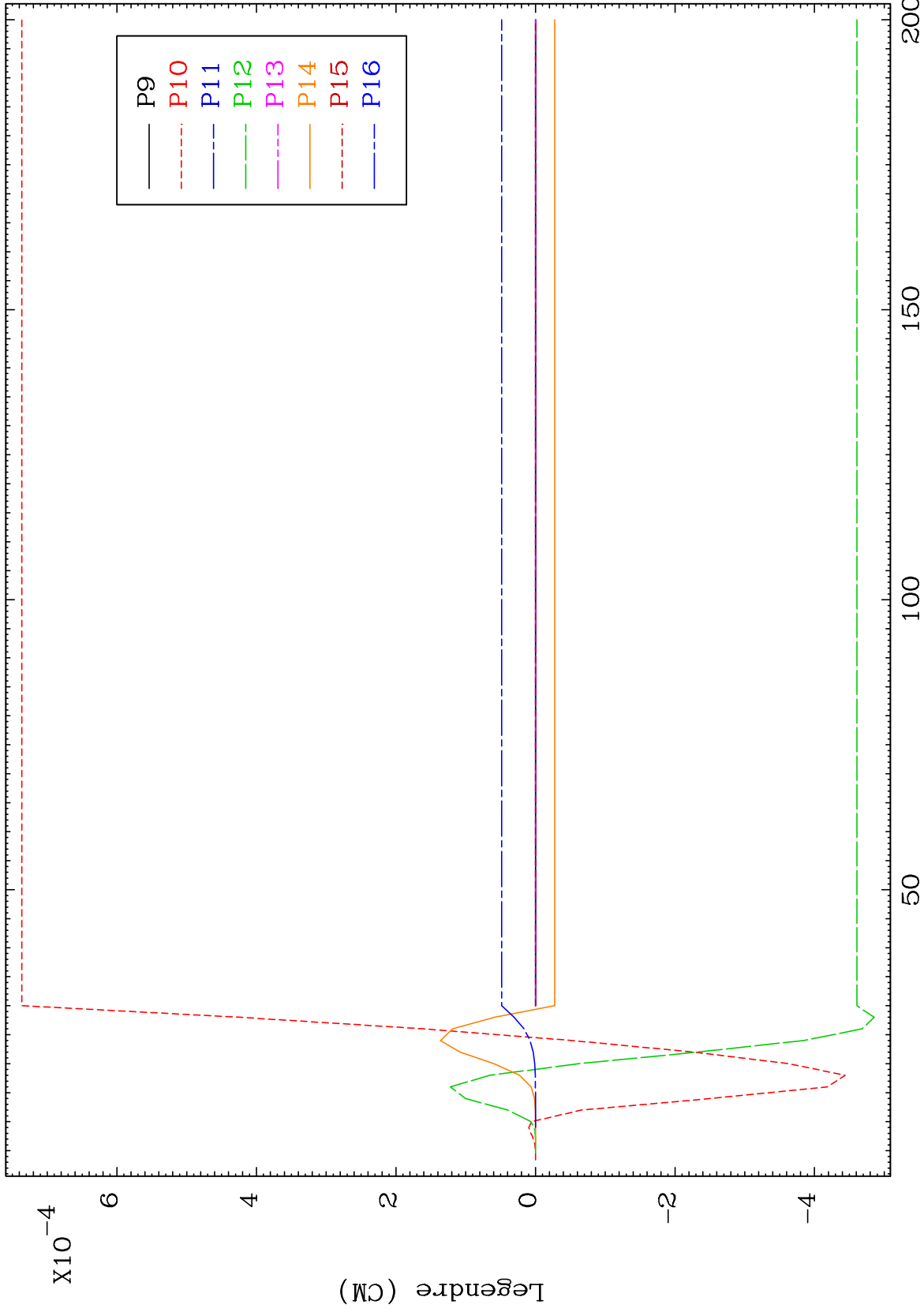
36-Kr-84



MAT 3643

3.289 MeV (n,n') Level
Legendre Coefficients

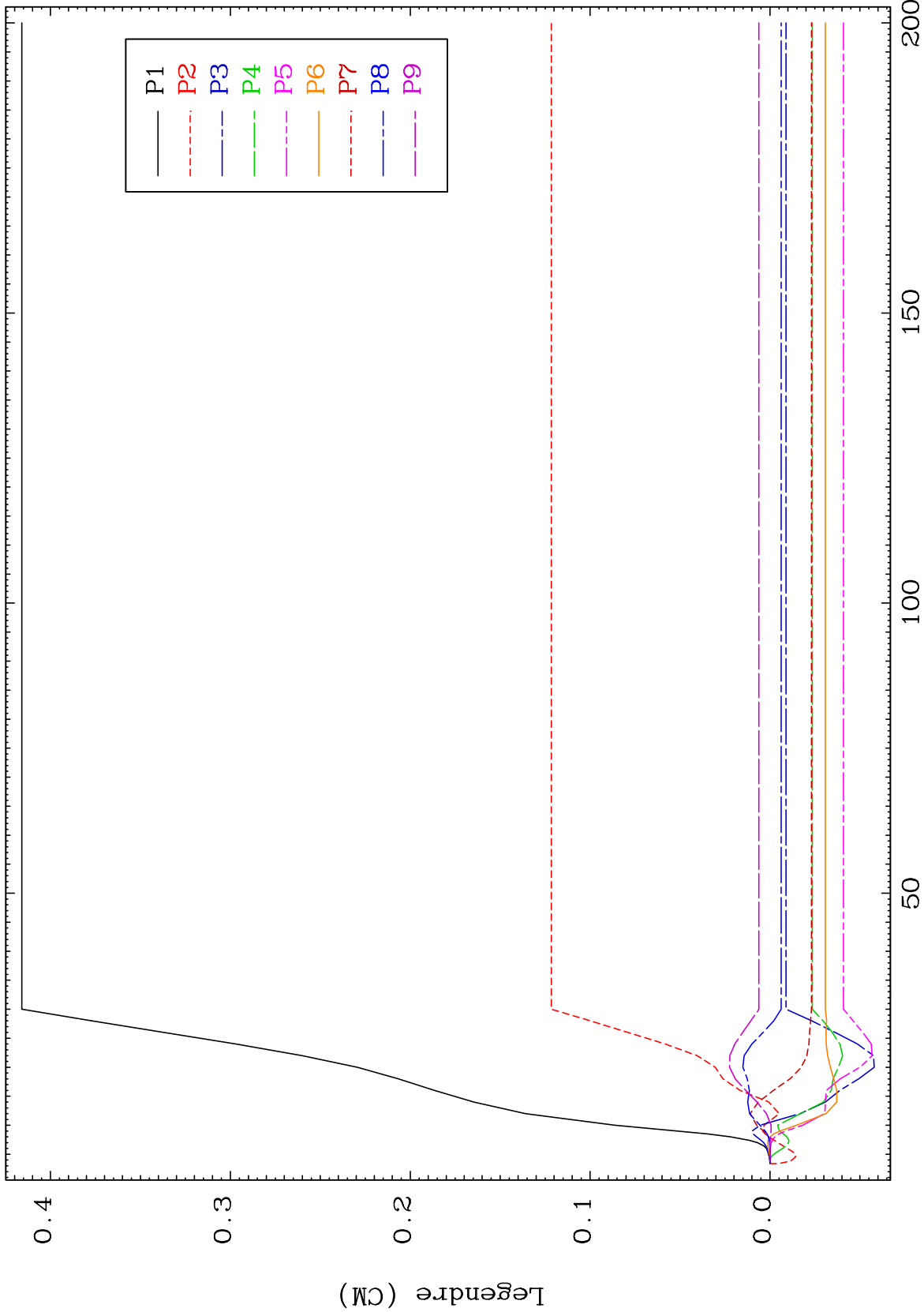
36-Kr-84

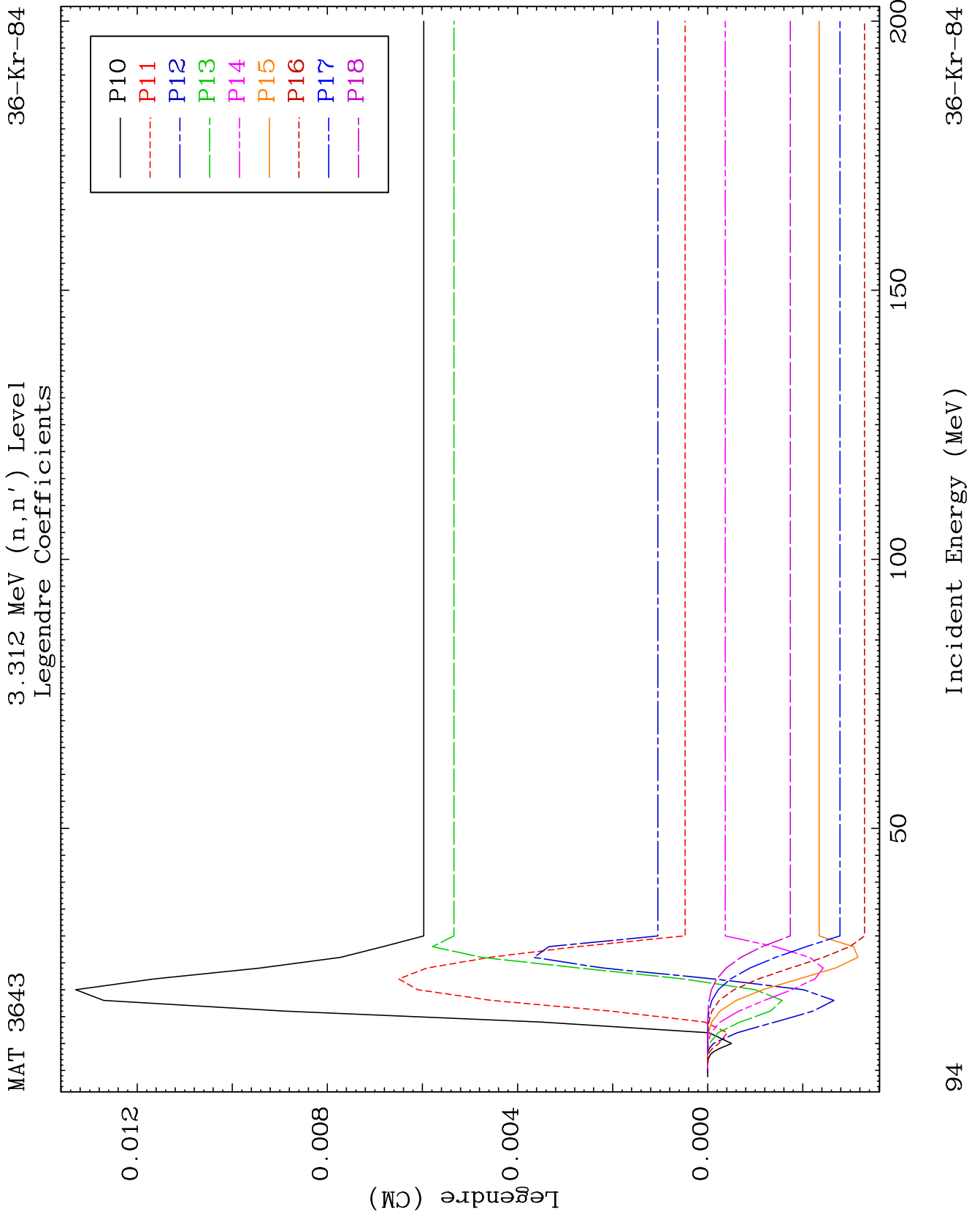


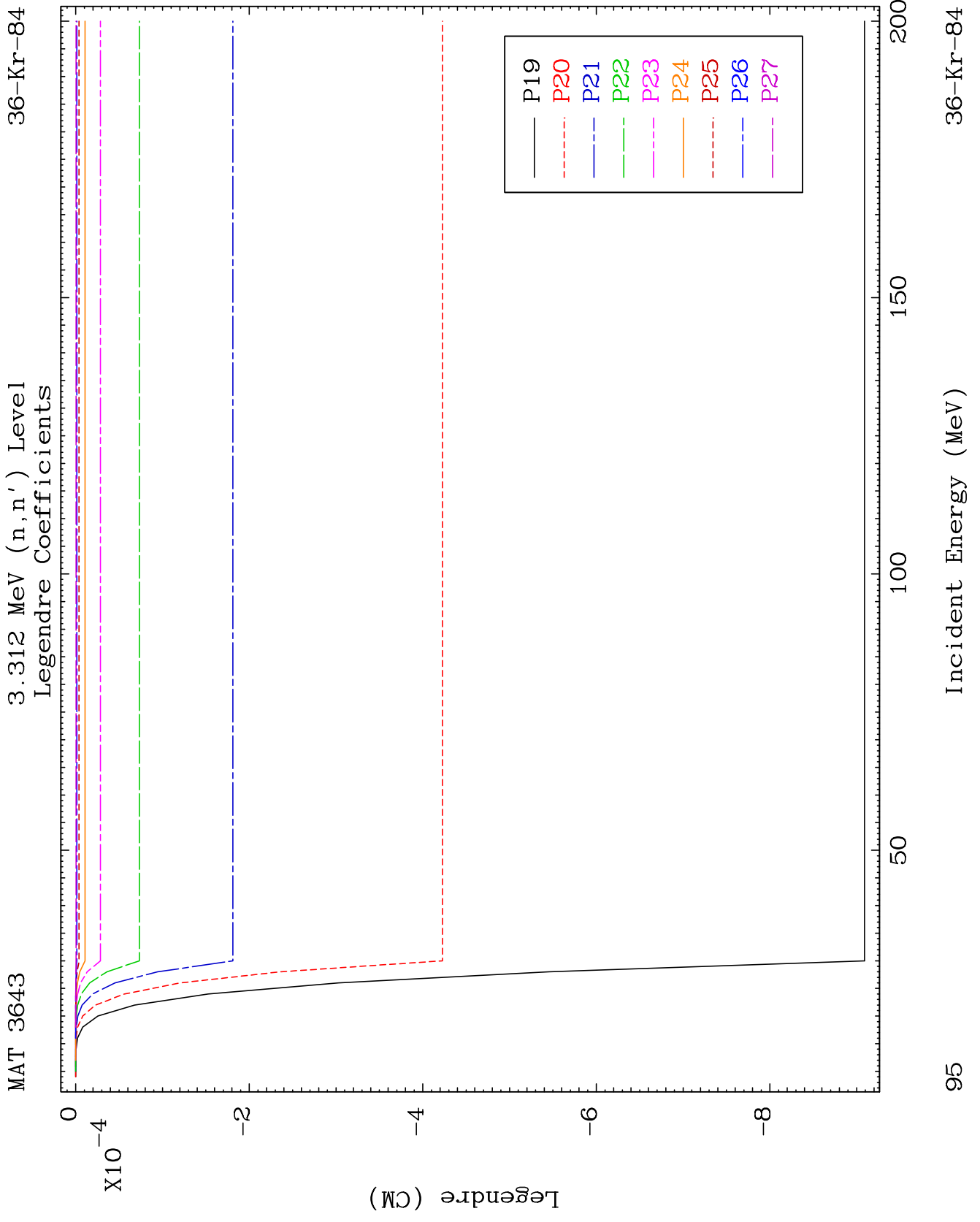
91

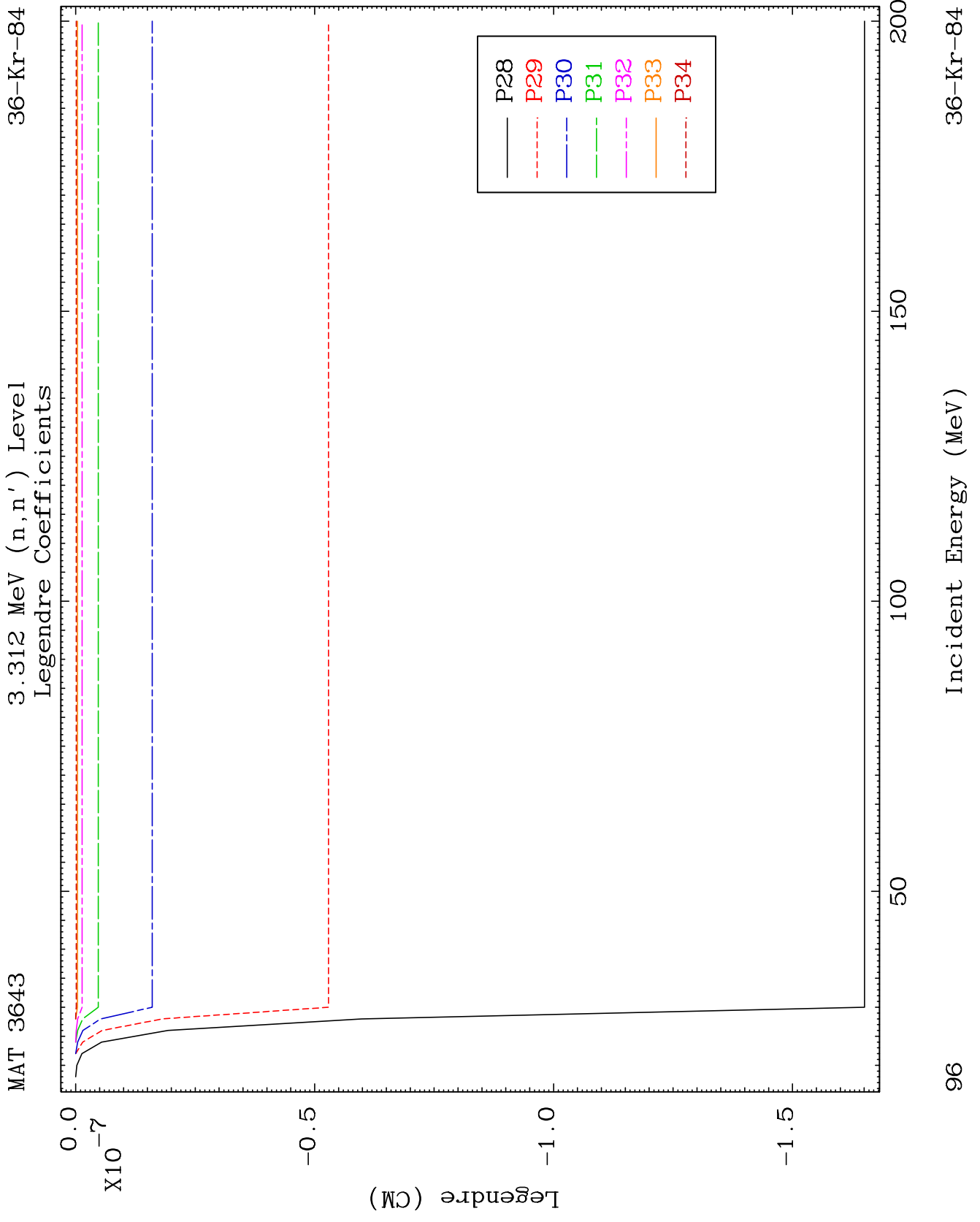
Incident Energy (MeV)

36-Kr-84





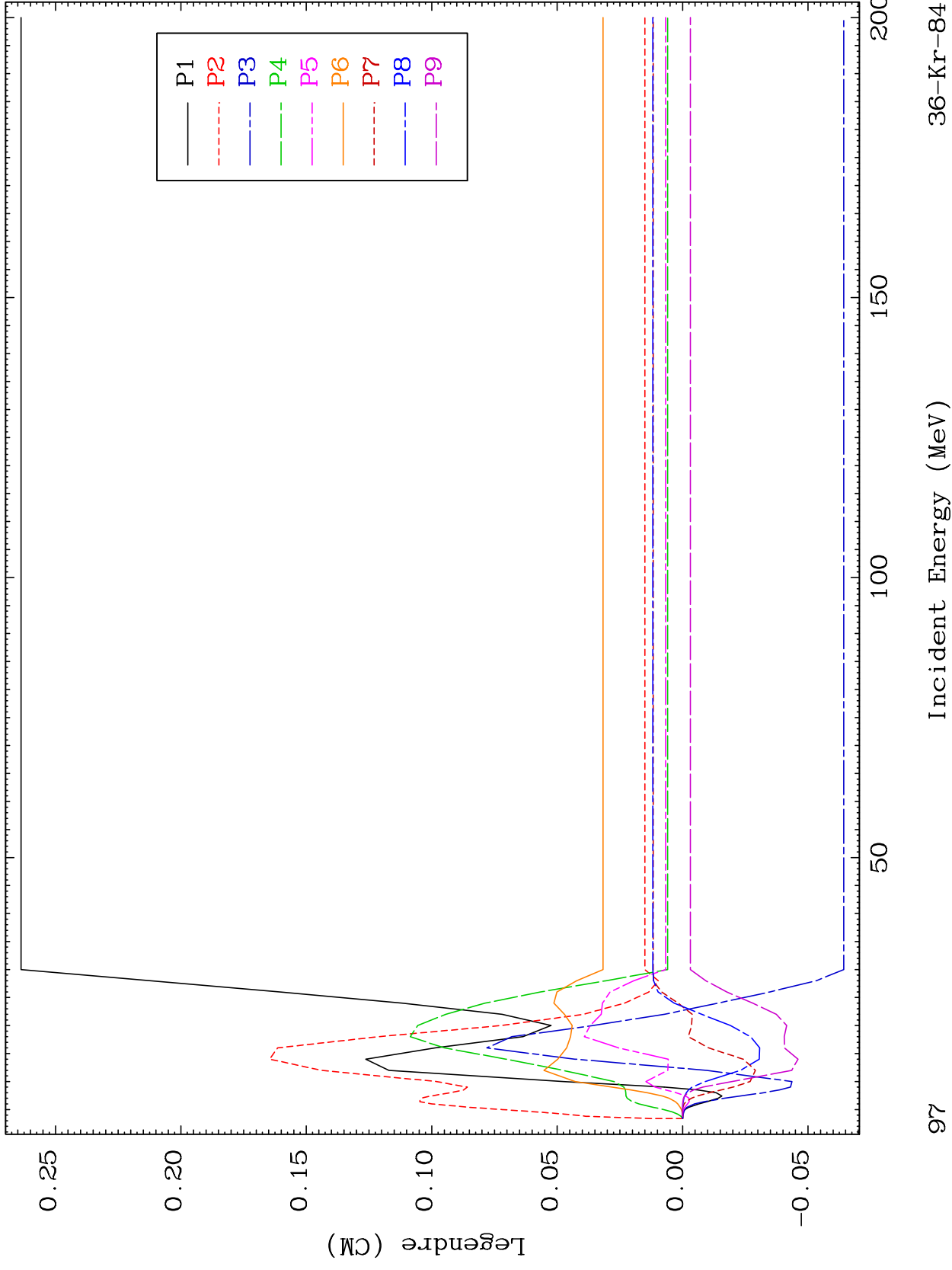




MAT 3643

3.335 MeV (n,n') Level
Legendre Coefficients

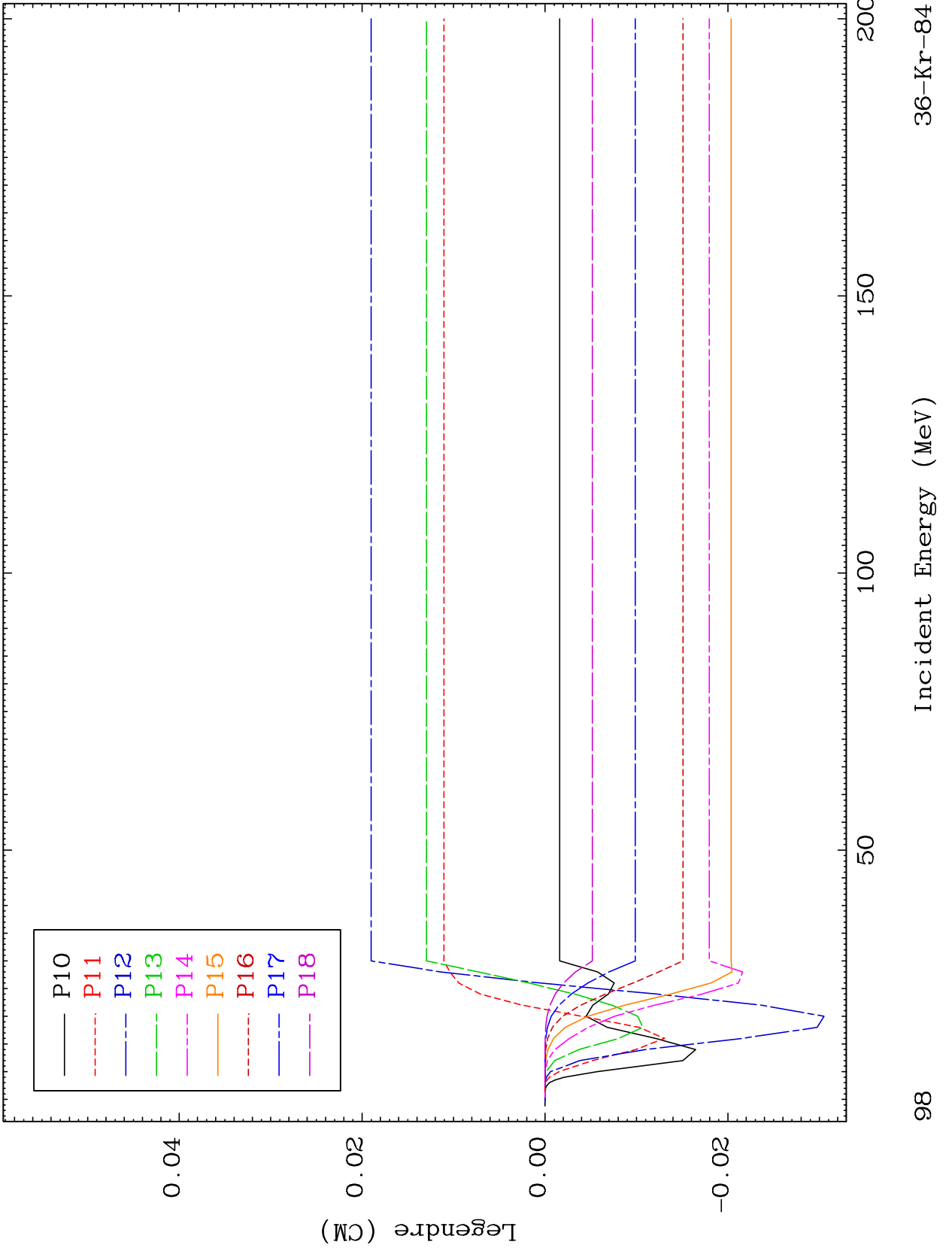
36-Kr-84

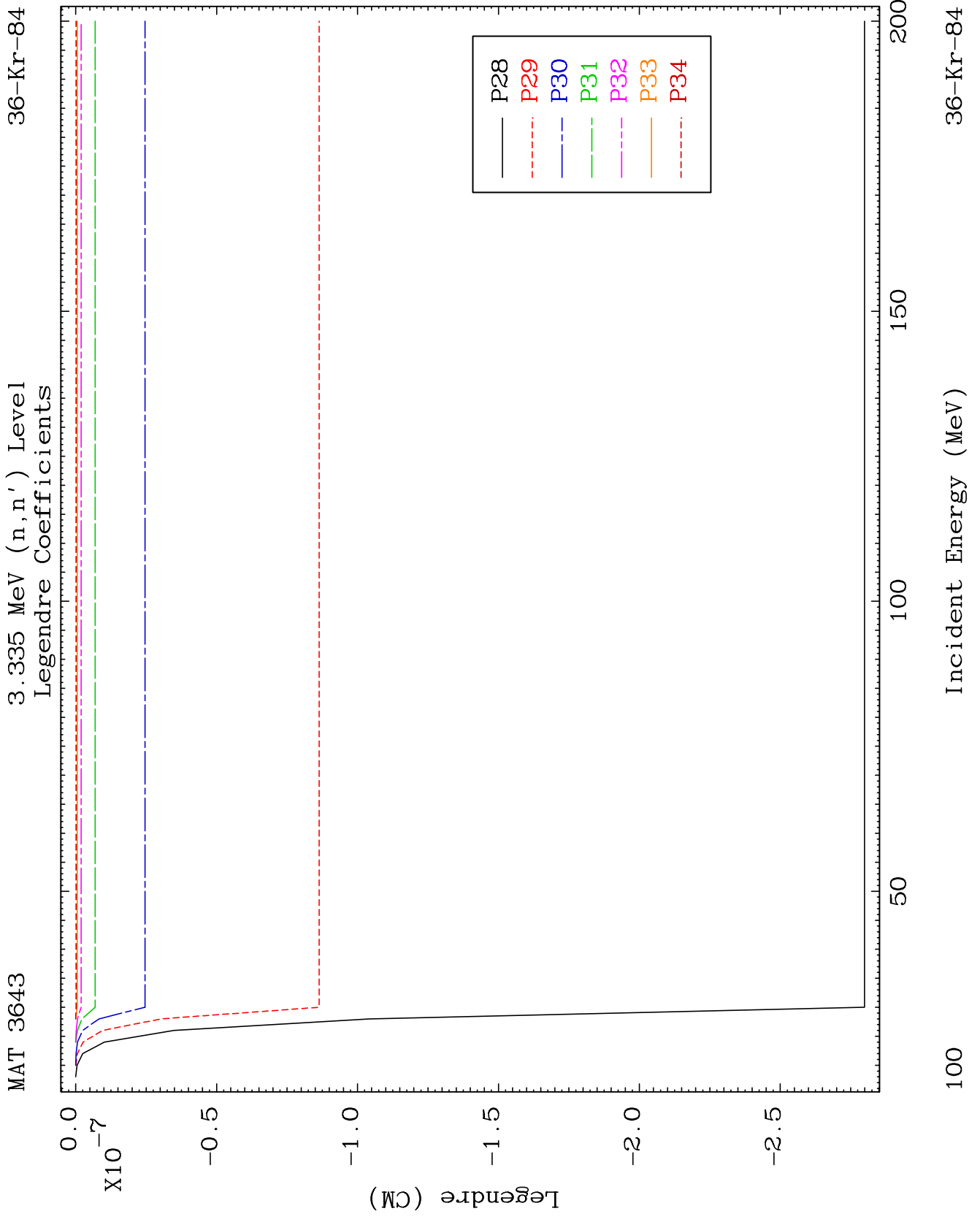


97

Incident Energy (MeV)

36-Kr-84

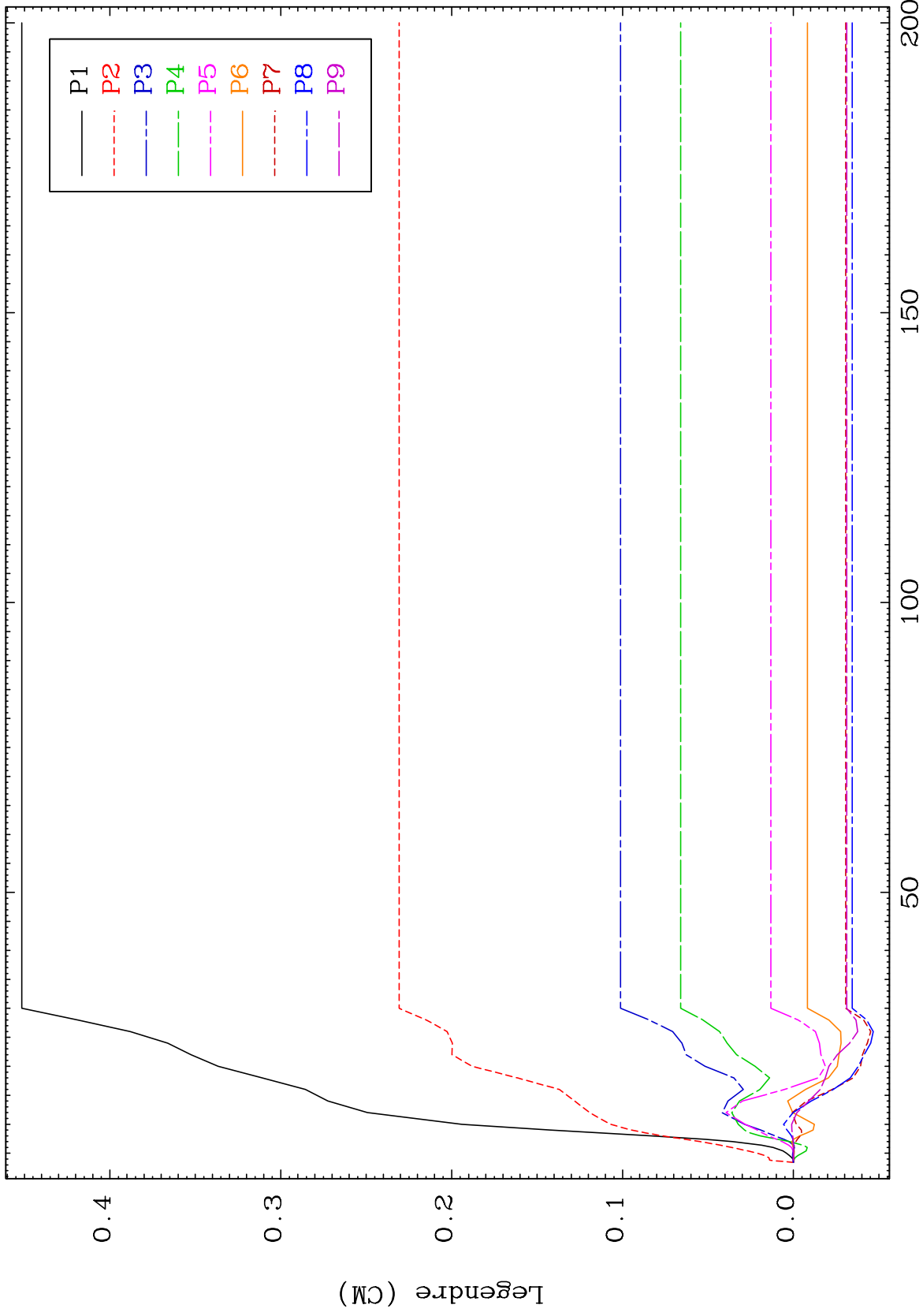




MAT 3643

3.366 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



101

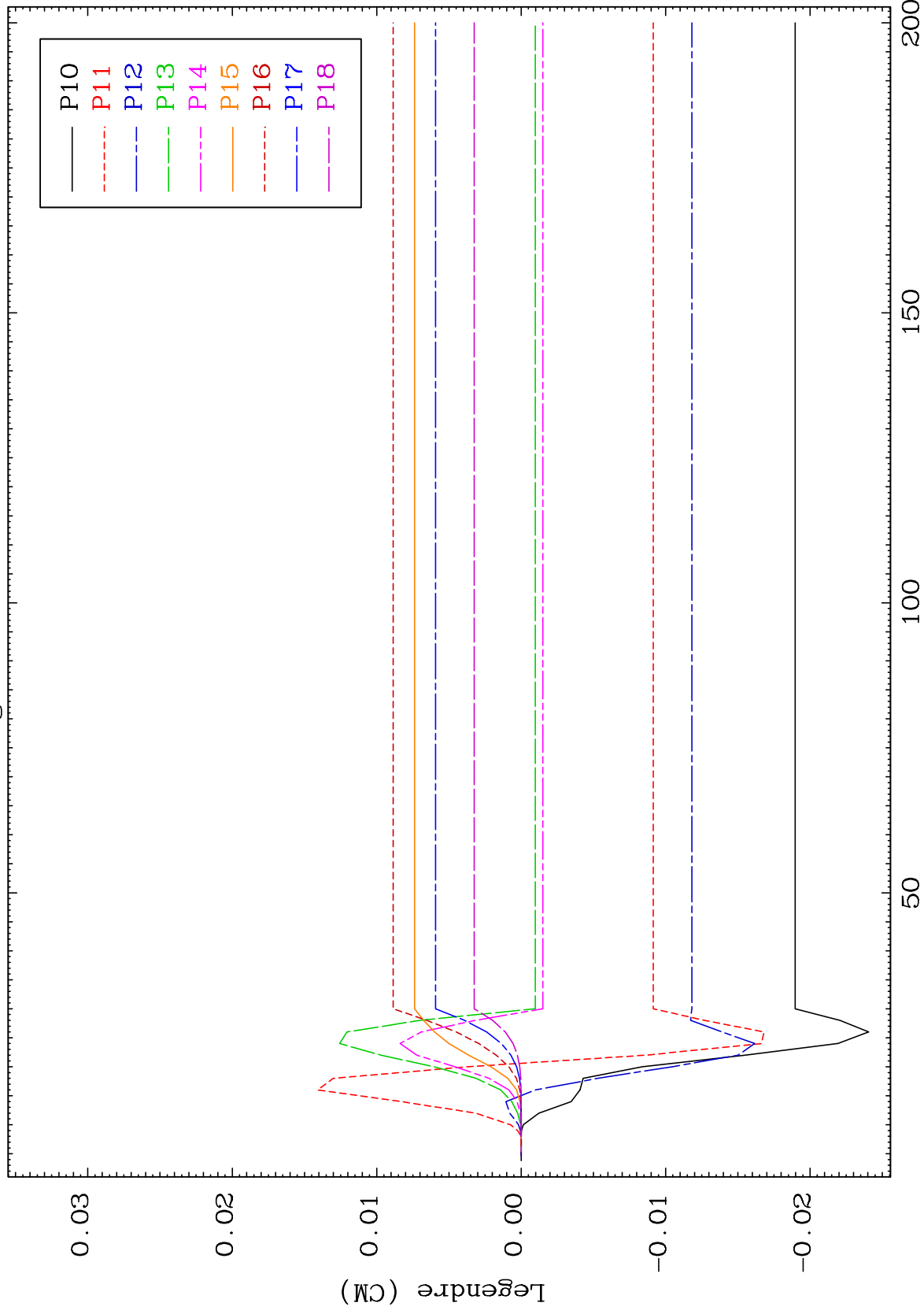
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.366 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



102

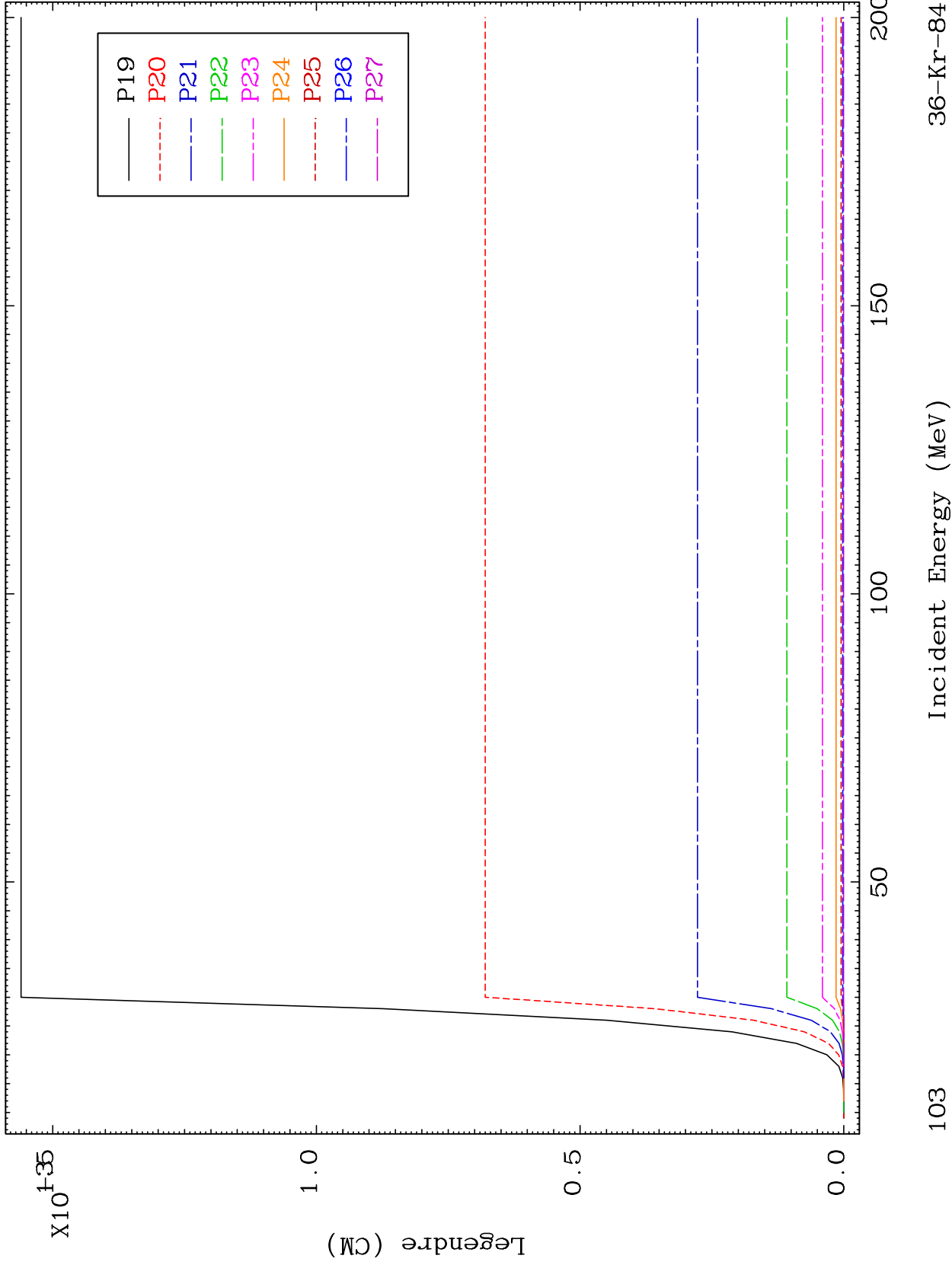
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.366 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



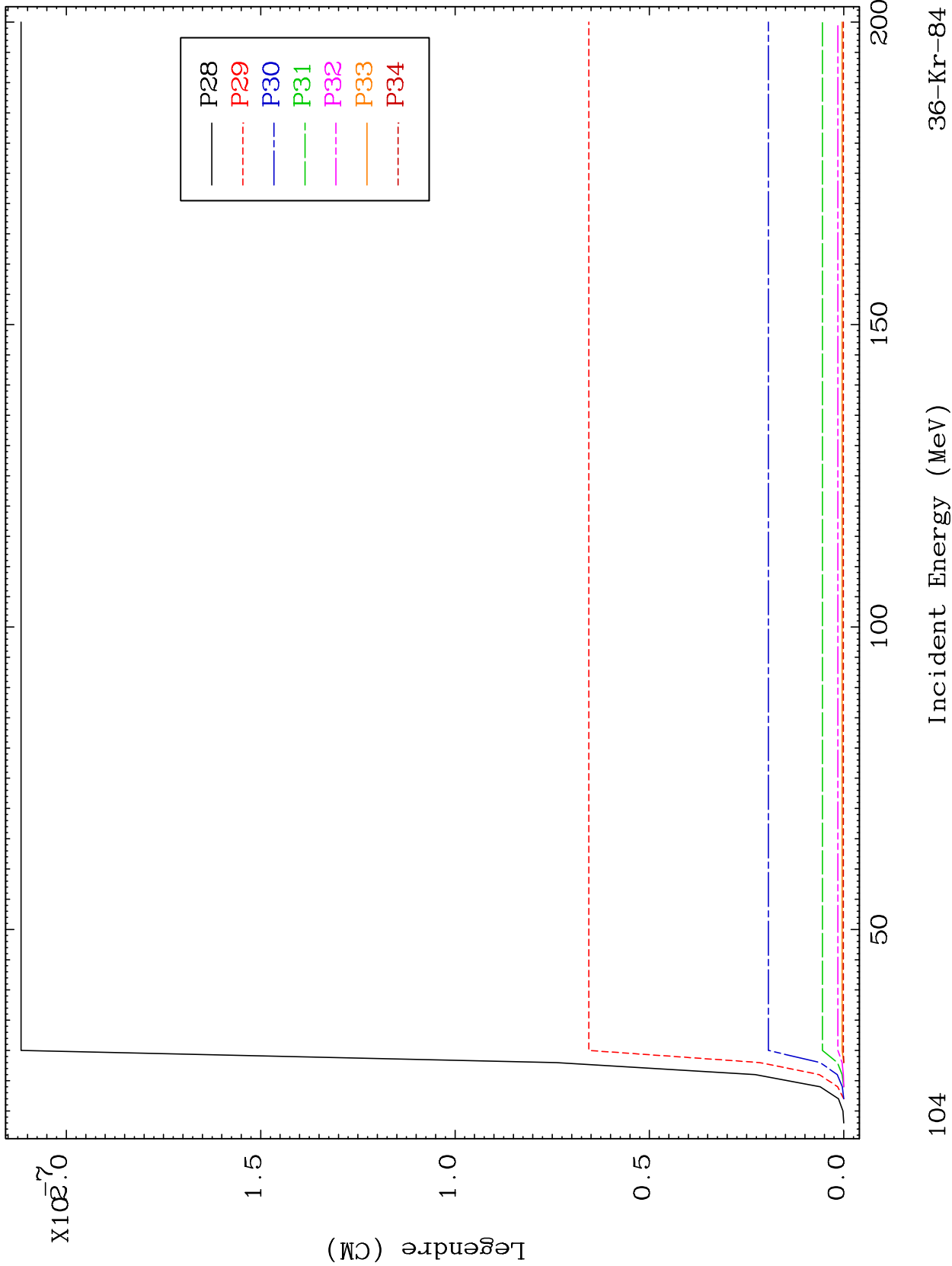
103

36-Kr-84

MAT 3643

3.366 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



104

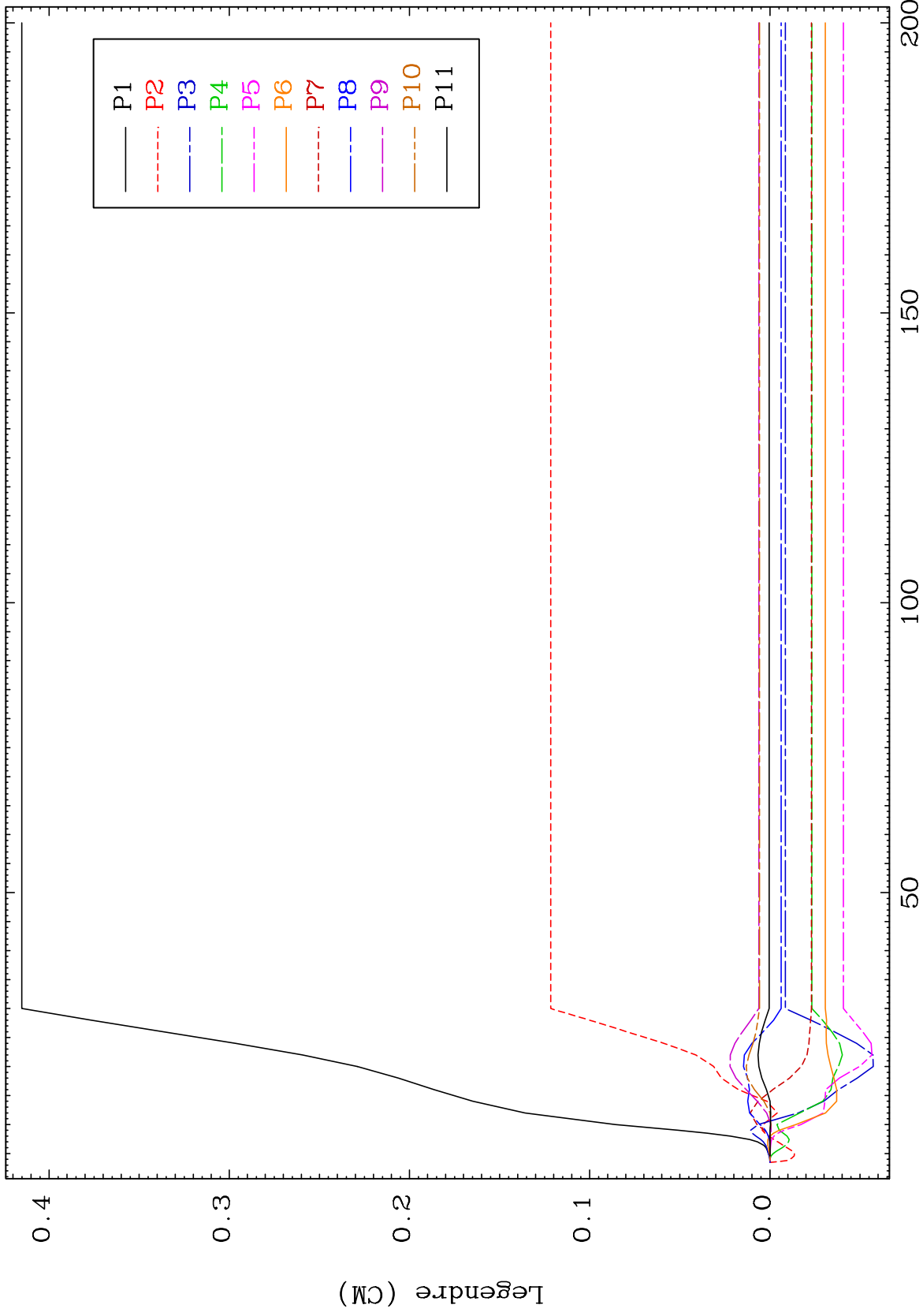
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.408 MeV (n,n') Level
Legendre Coefficients

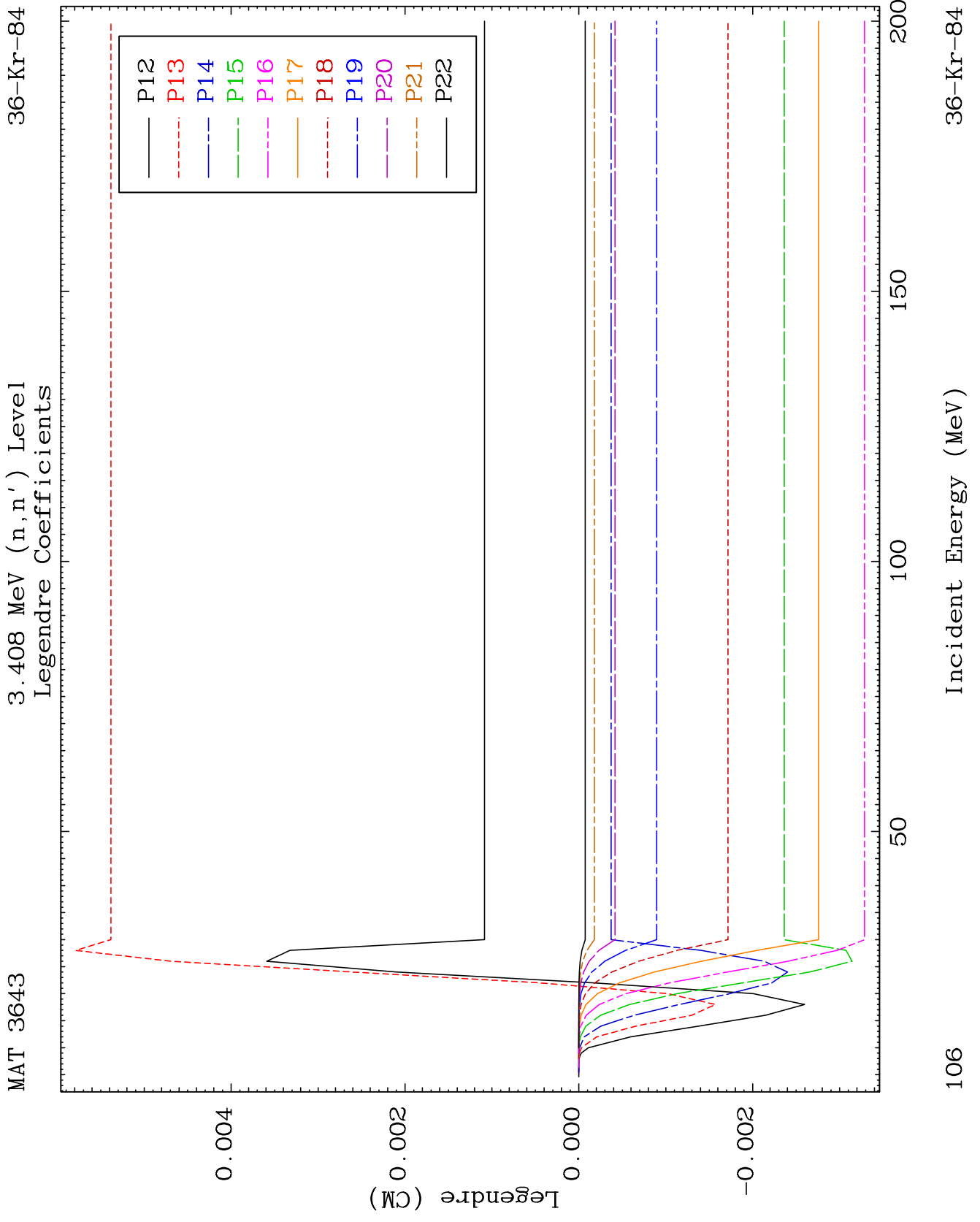
36-Kr-84

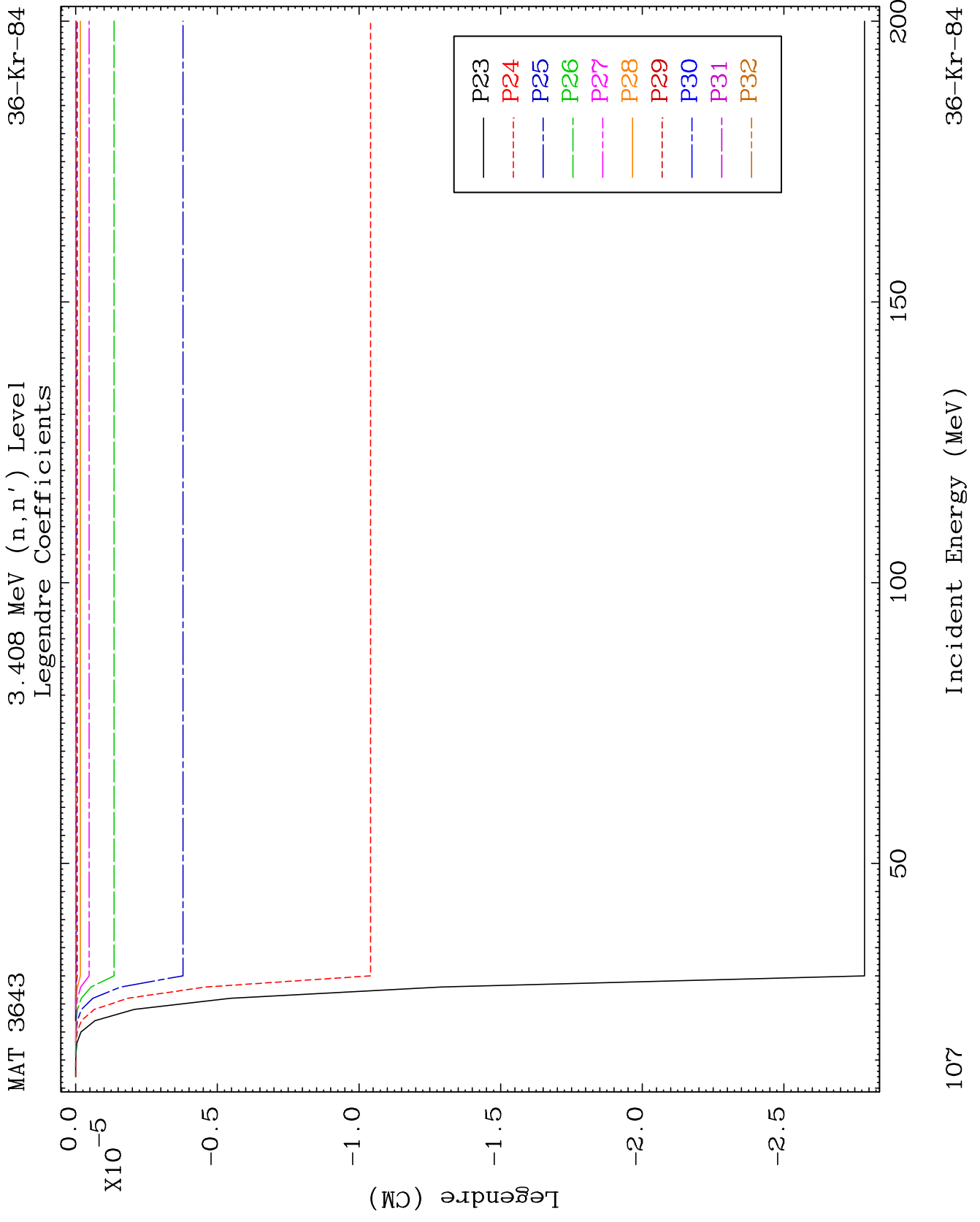


105

Incident Energy (MeV)

36-Kr-84

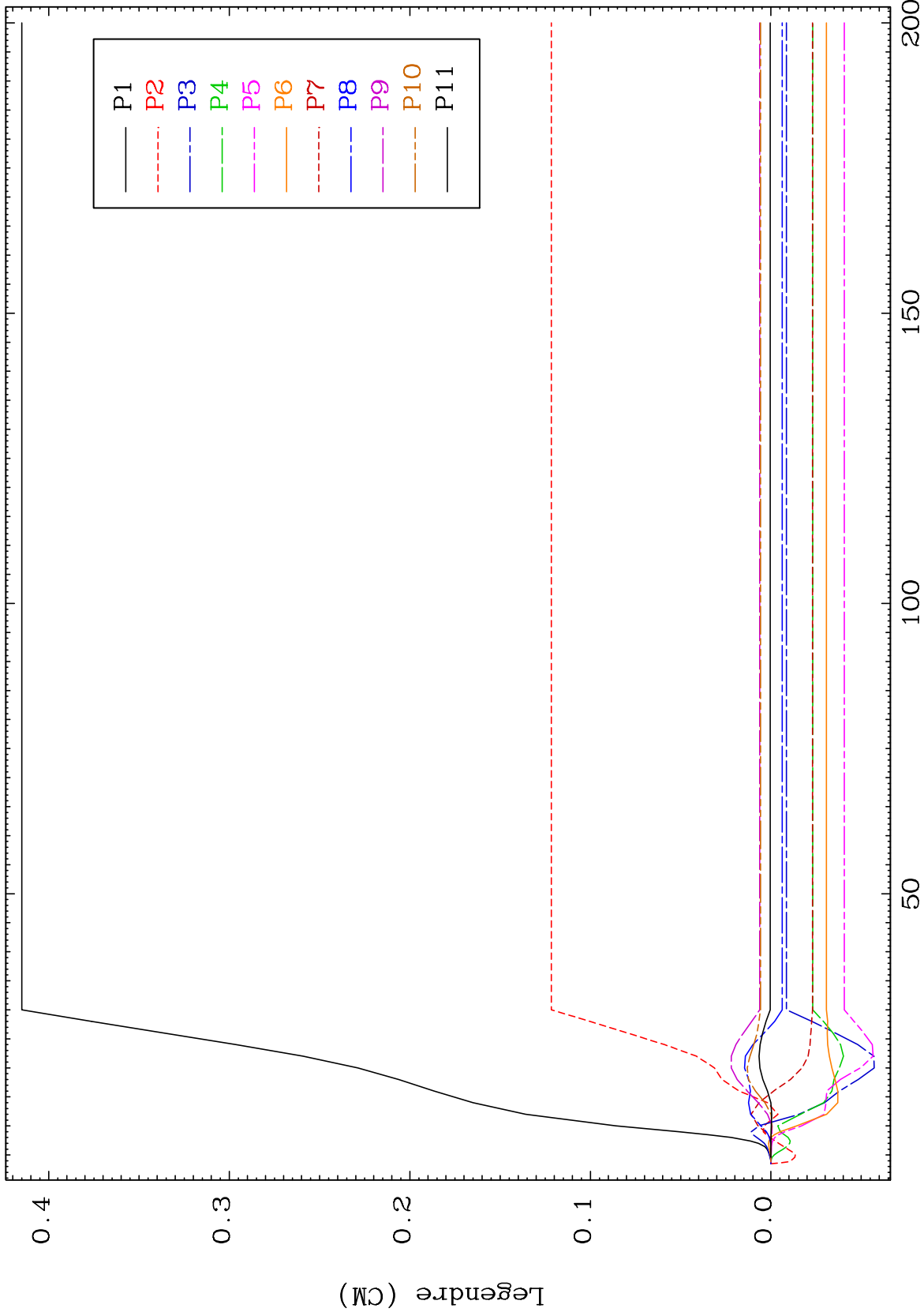




MAT 3643

3.427 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



108

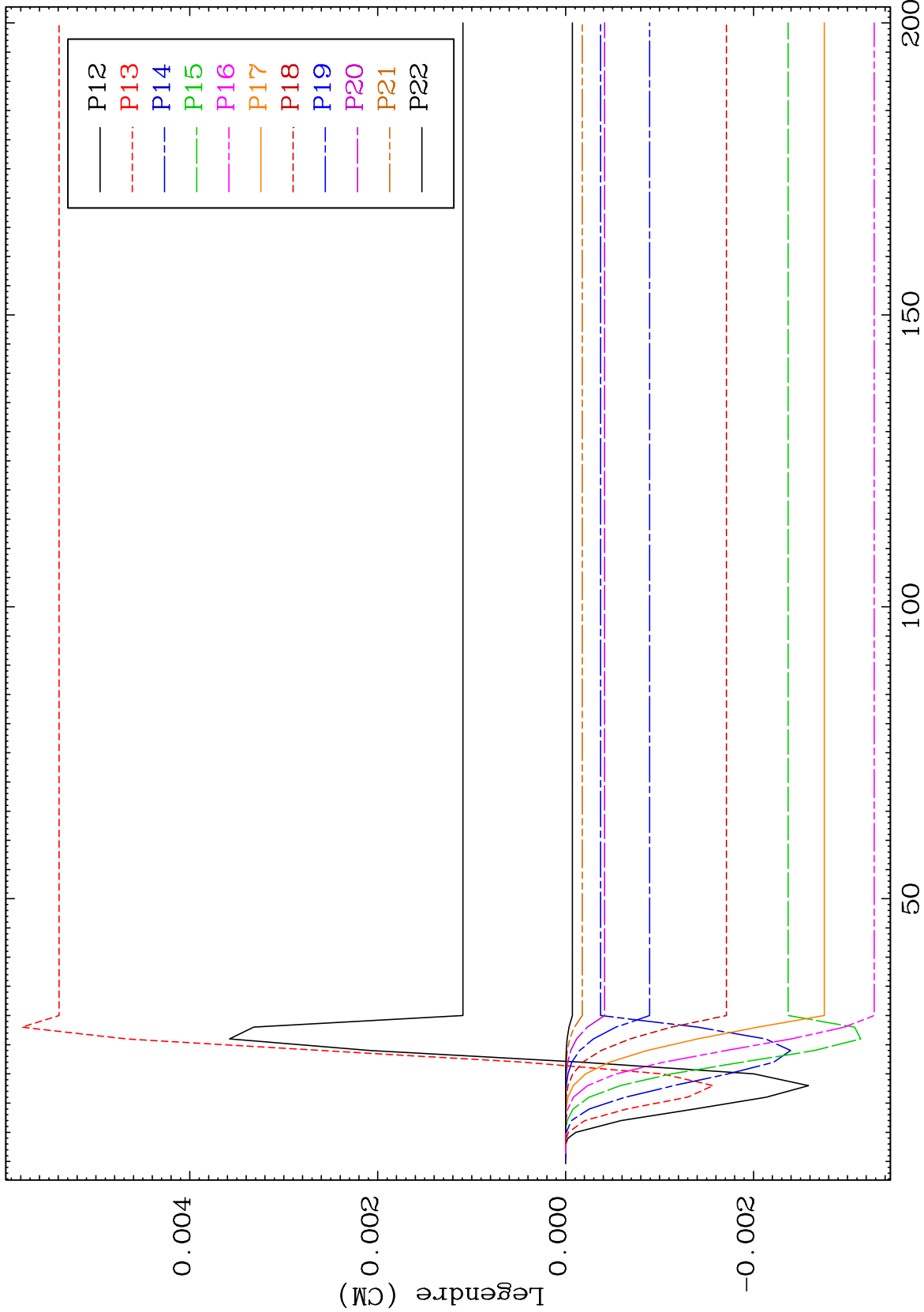
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.427 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



109

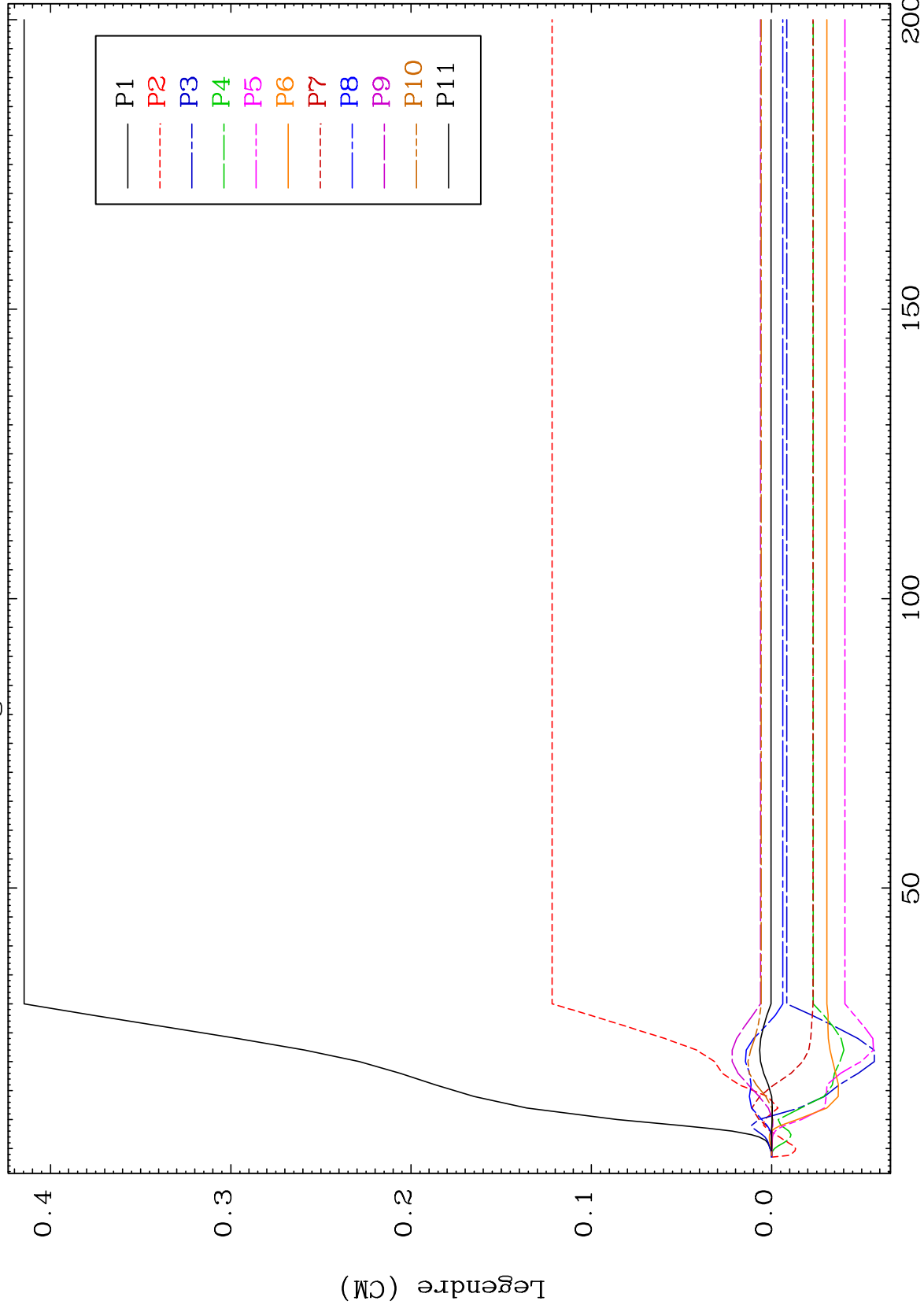
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.463 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



111

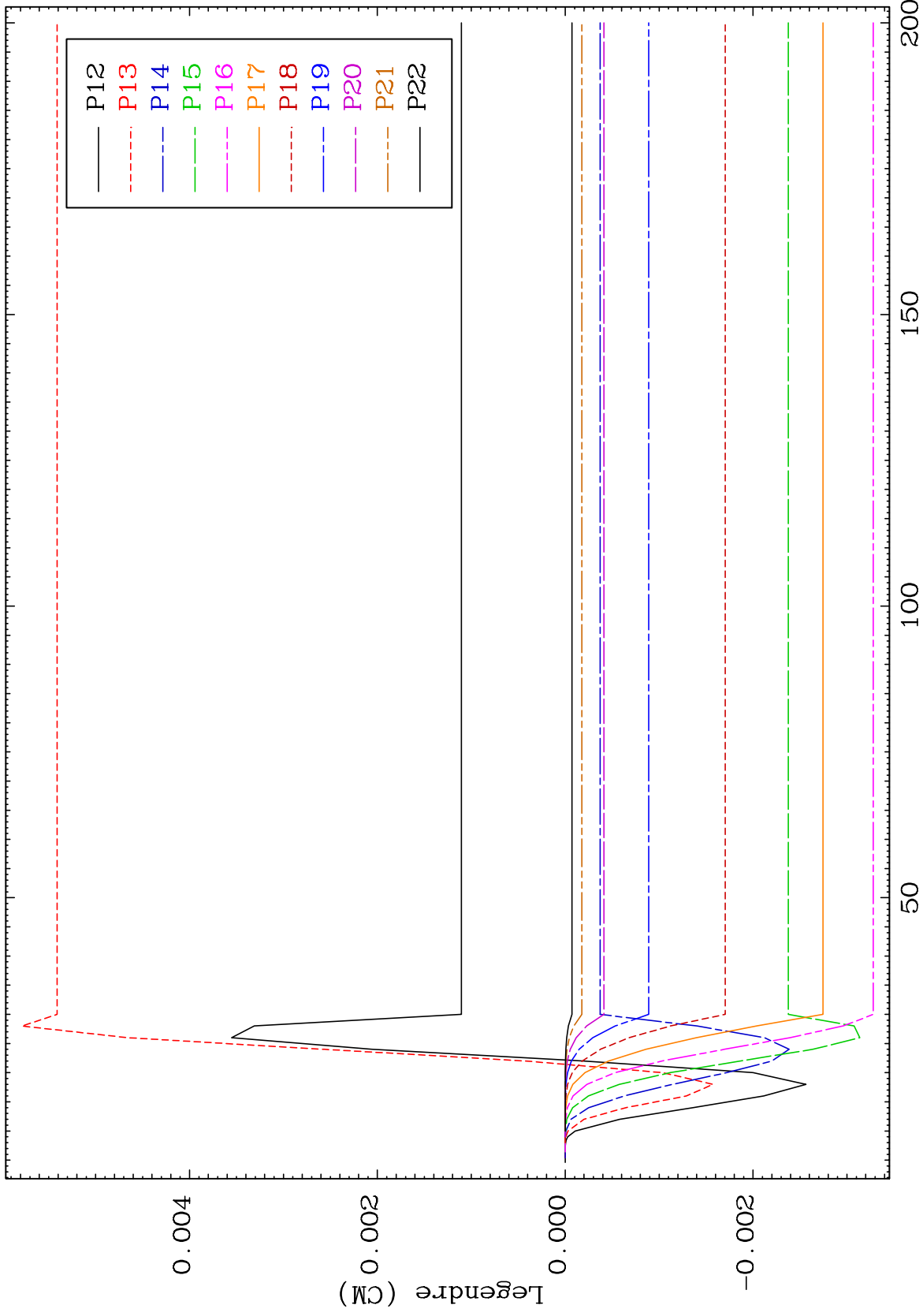
Incident Energy (MeV)

36-Kr-84

MAT 3643

3.463 MeV (n,n') Level
Legendre Coefficients

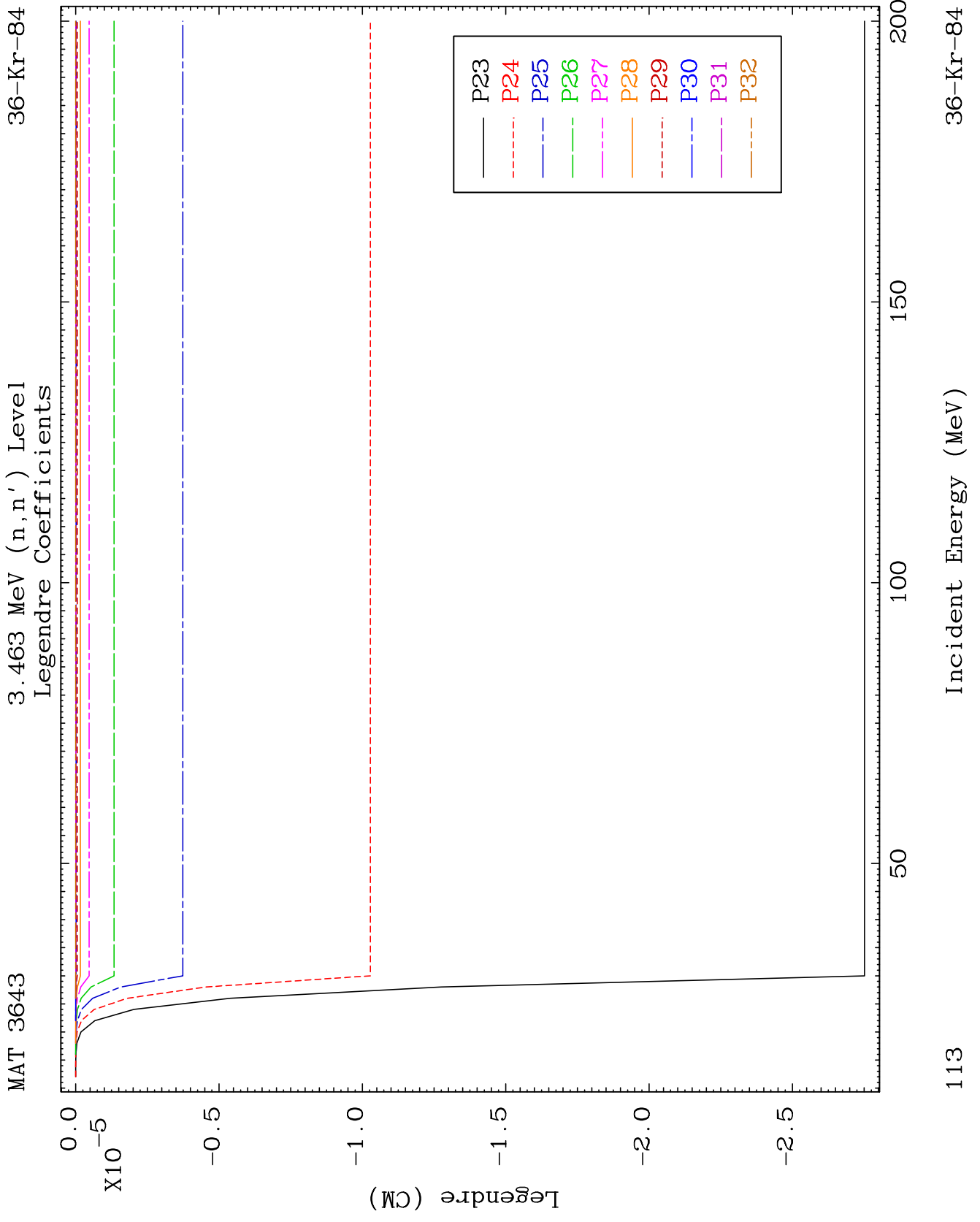
36-Kr-84



112

Incident Energy (MeV)

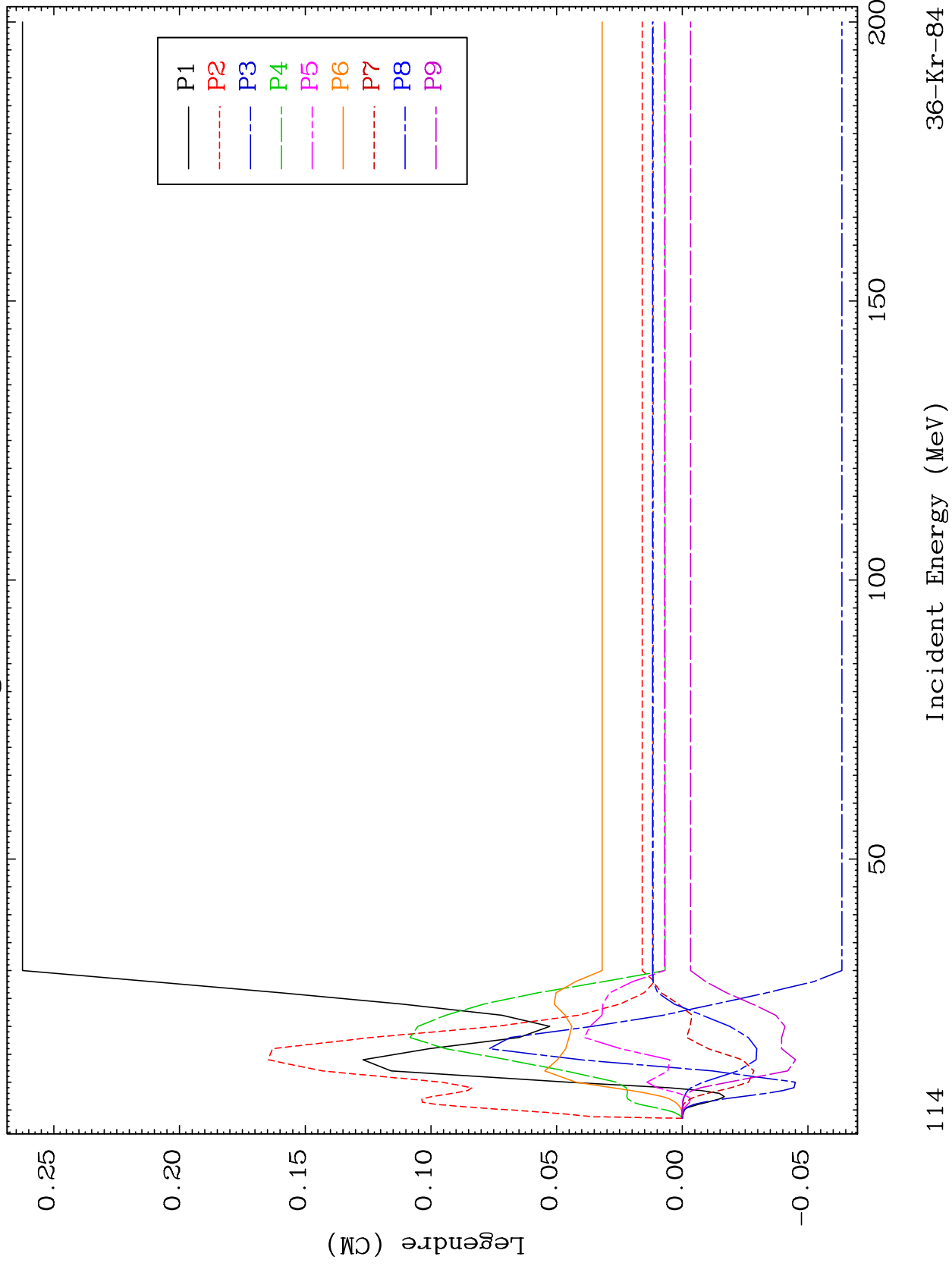
36-Kr-84



MAT 3643

3.476 MeV (n,n') Level
Legendre Coefficients

36-Kr-84



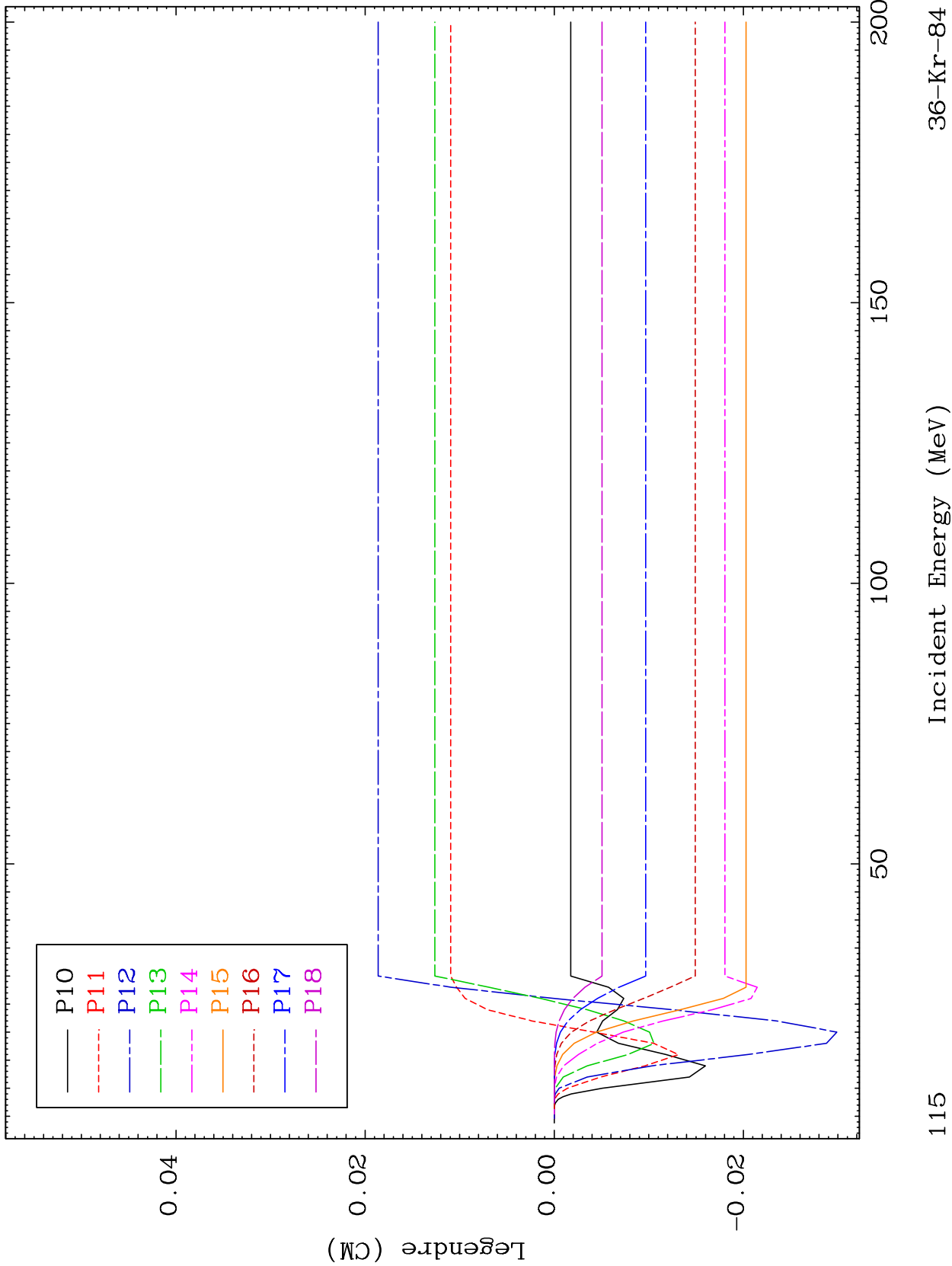
114

36-Kr-84

MAT 3643

3.476 MeV (n,n') Level
Legendre Coefficients

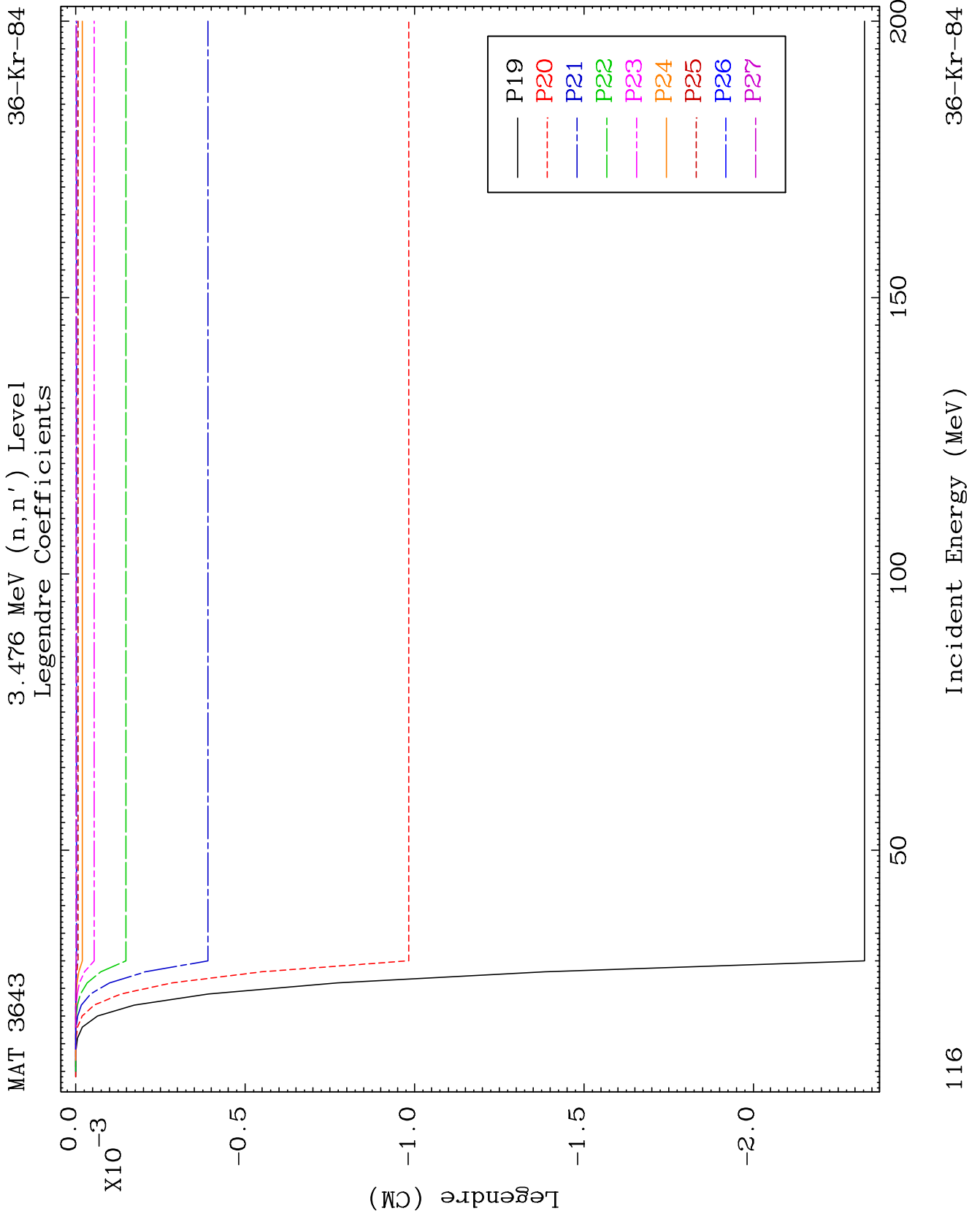
36-Kr-84

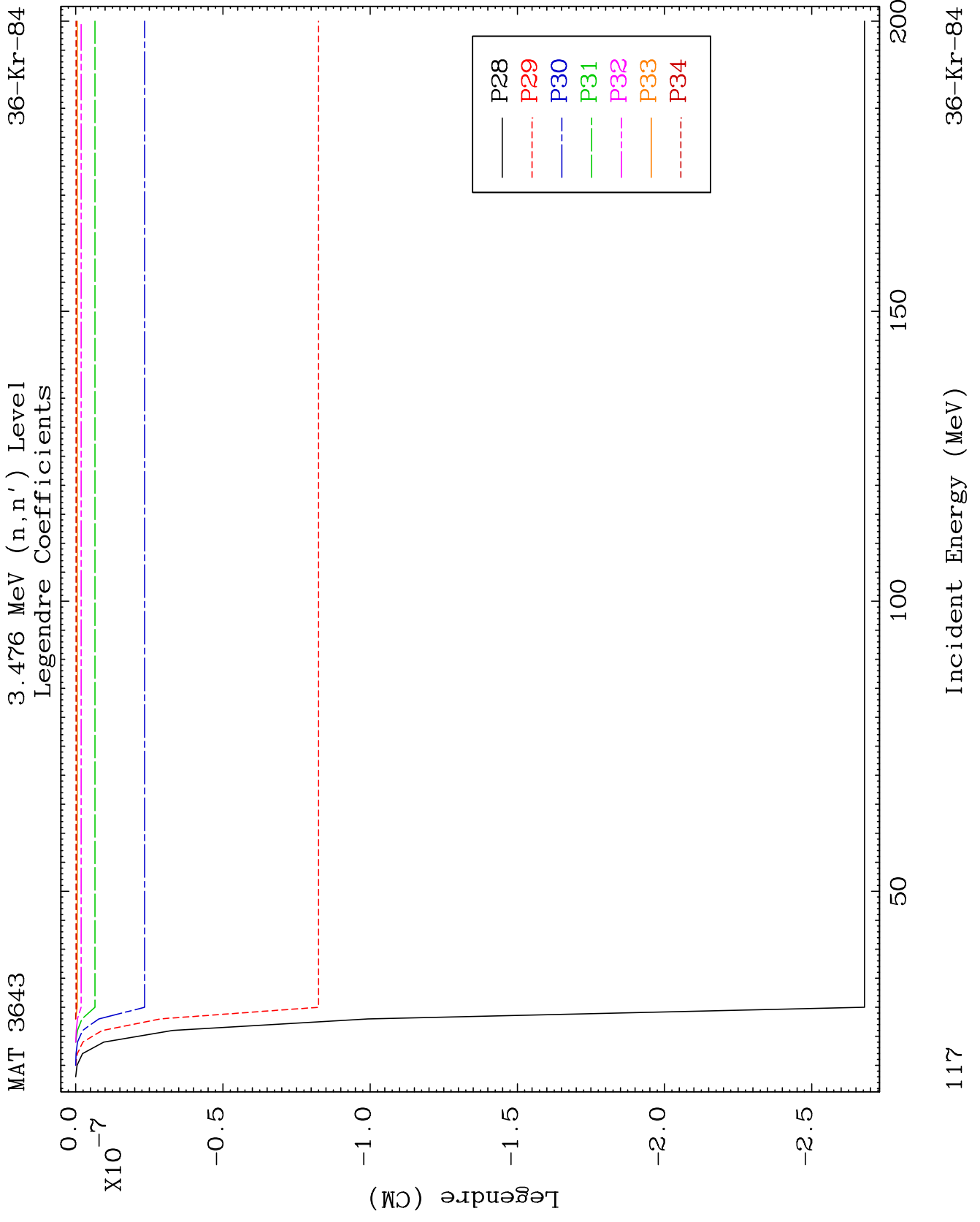


115

Incident Energy (MeV)

36-Kr-84

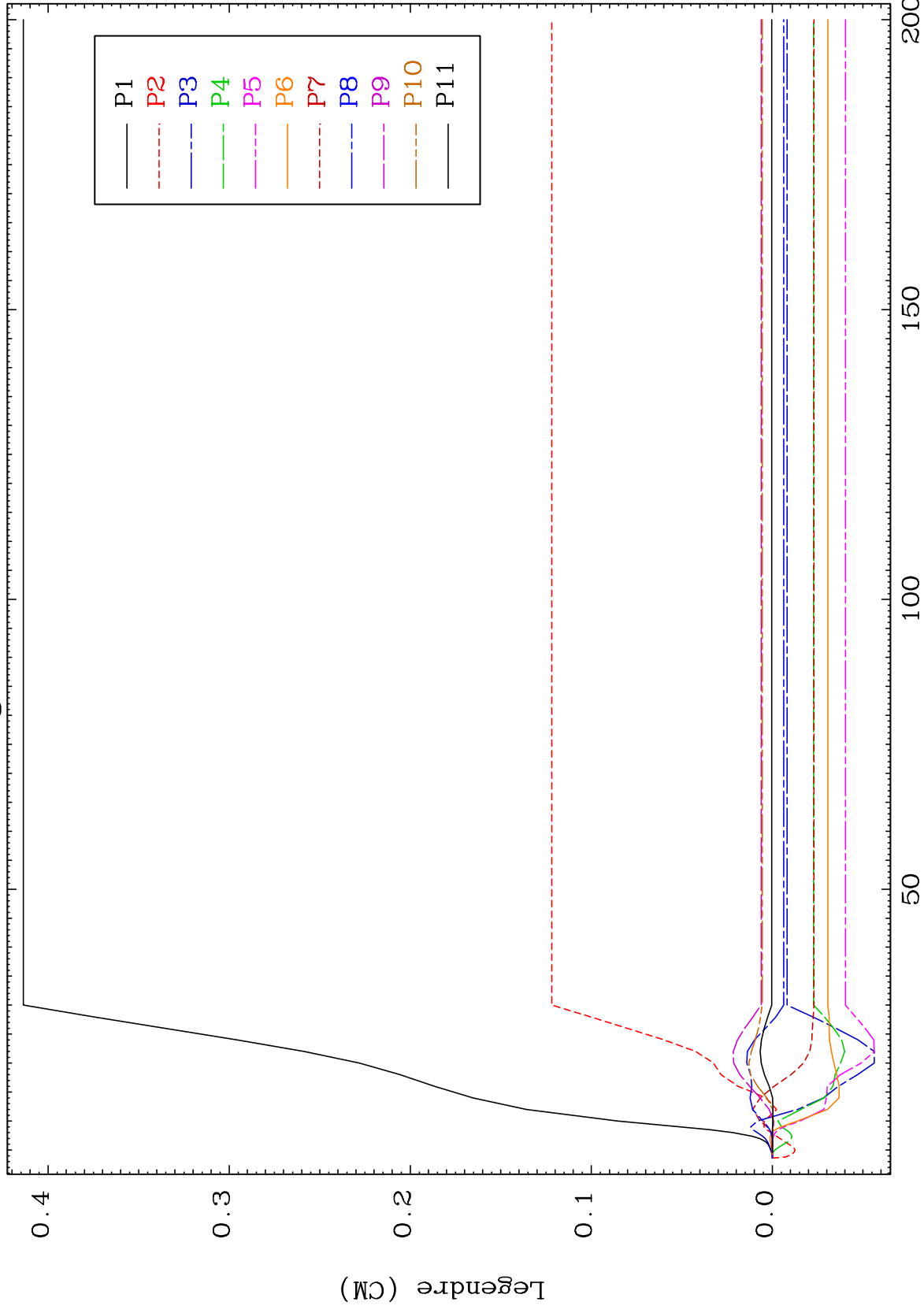




MAT 3643

3.570 MeV (n,n') Level
Legendre Coefficients

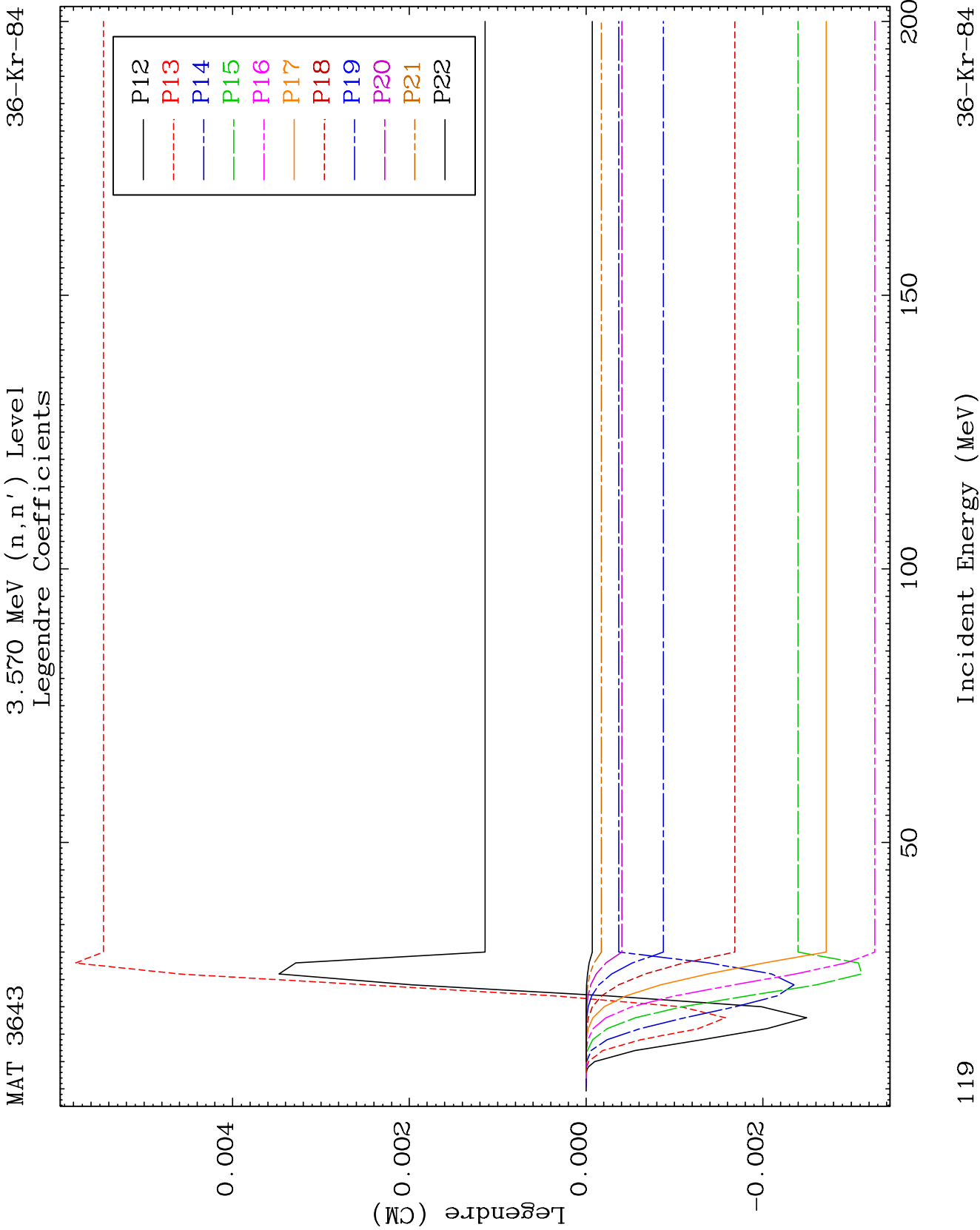
36-Kr-84

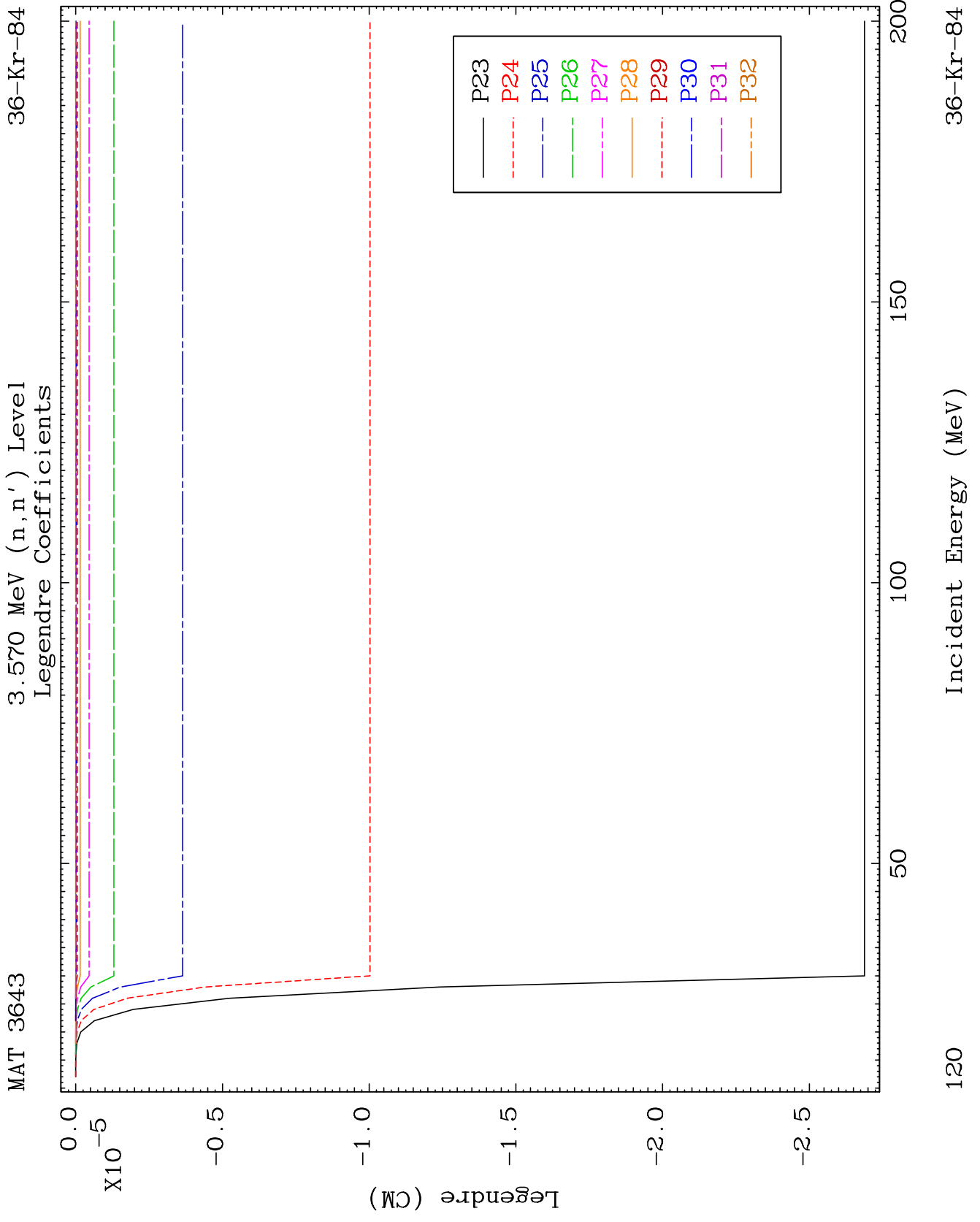


118

Incident Energy (MeV)

36-Kr-84

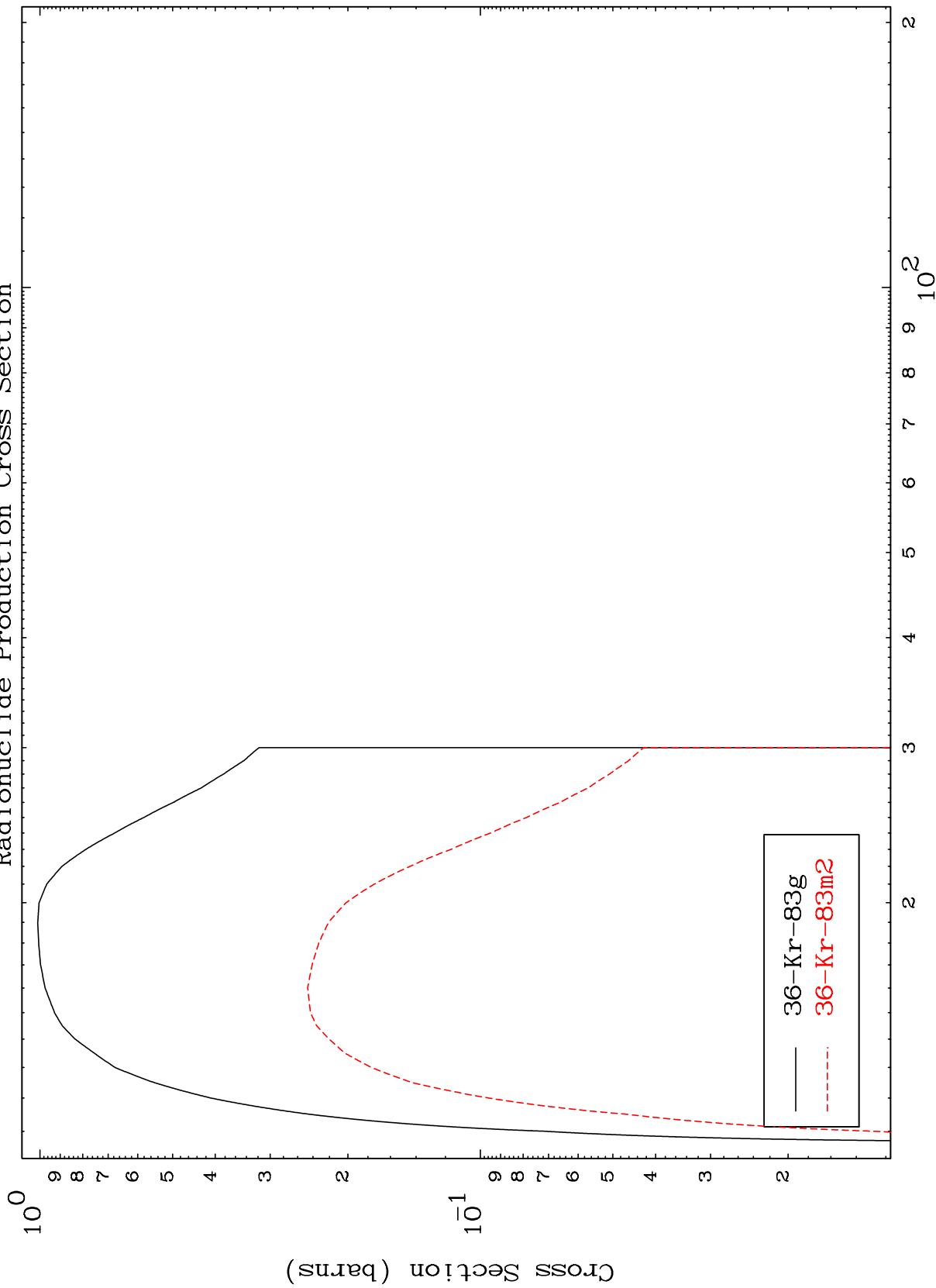




MAT 3643

36-Kr-84

(n,2n)
Radionuclide Production Cross Section



121

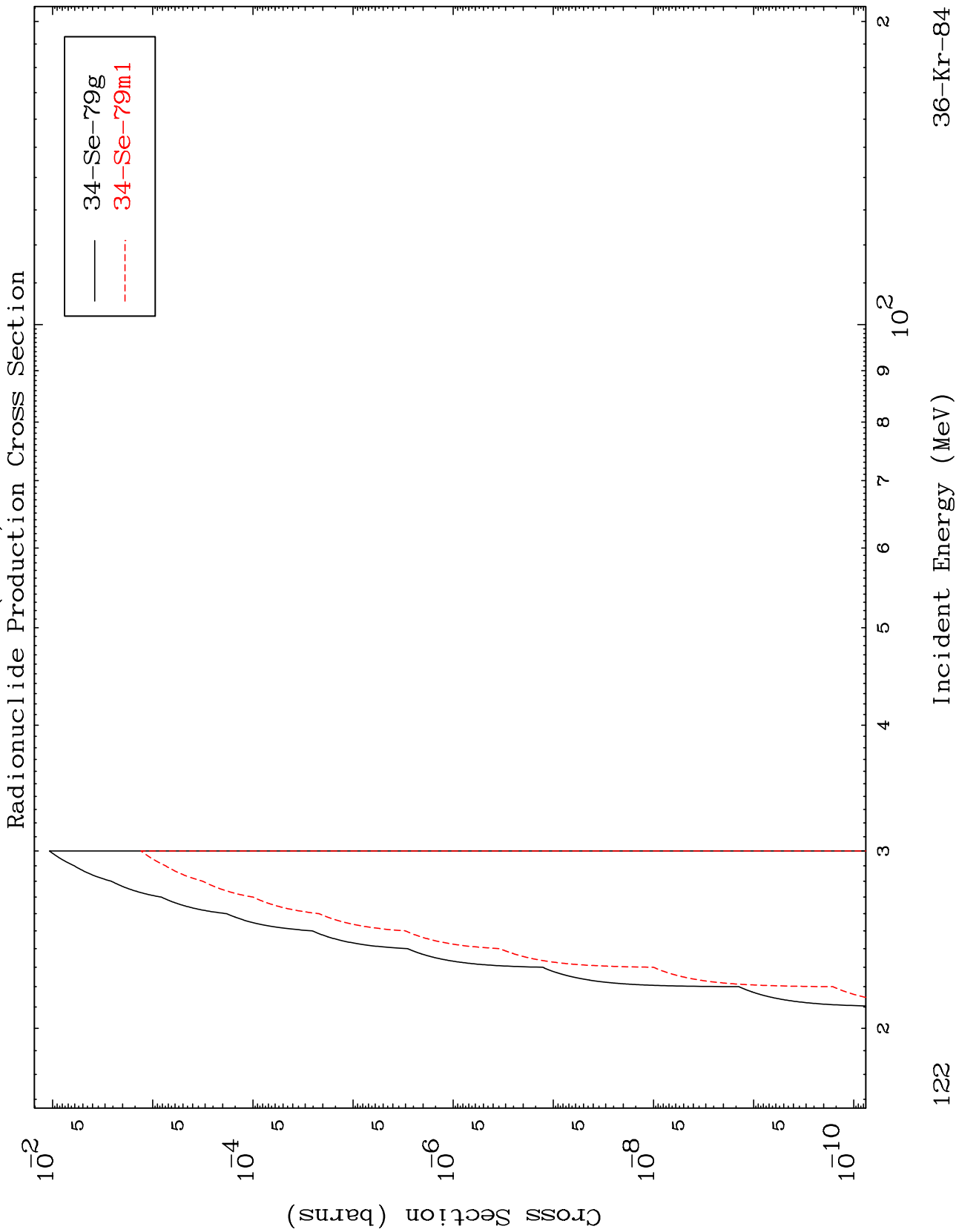
Incident Energy (MeV)

36-Kr-84

MAT 3643

$(n,2n) \alpha$

36-Kr-84



122

Incident Energy (MeV)

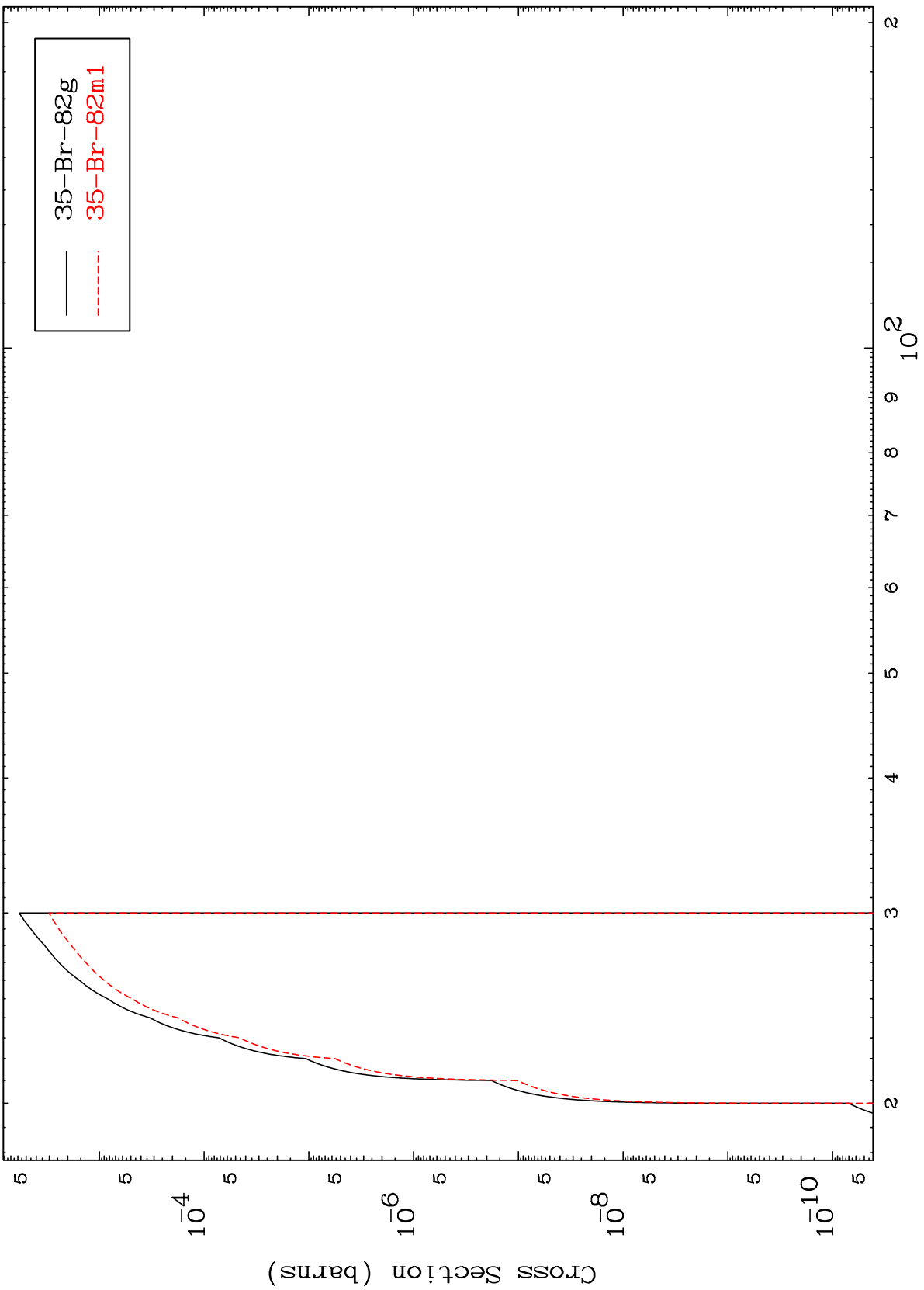
36-Kr-84

MAT 3643

(n,n') d

36-Kr-84

Radionuclide Production Cross Section



123

Incident Energy (MeV)

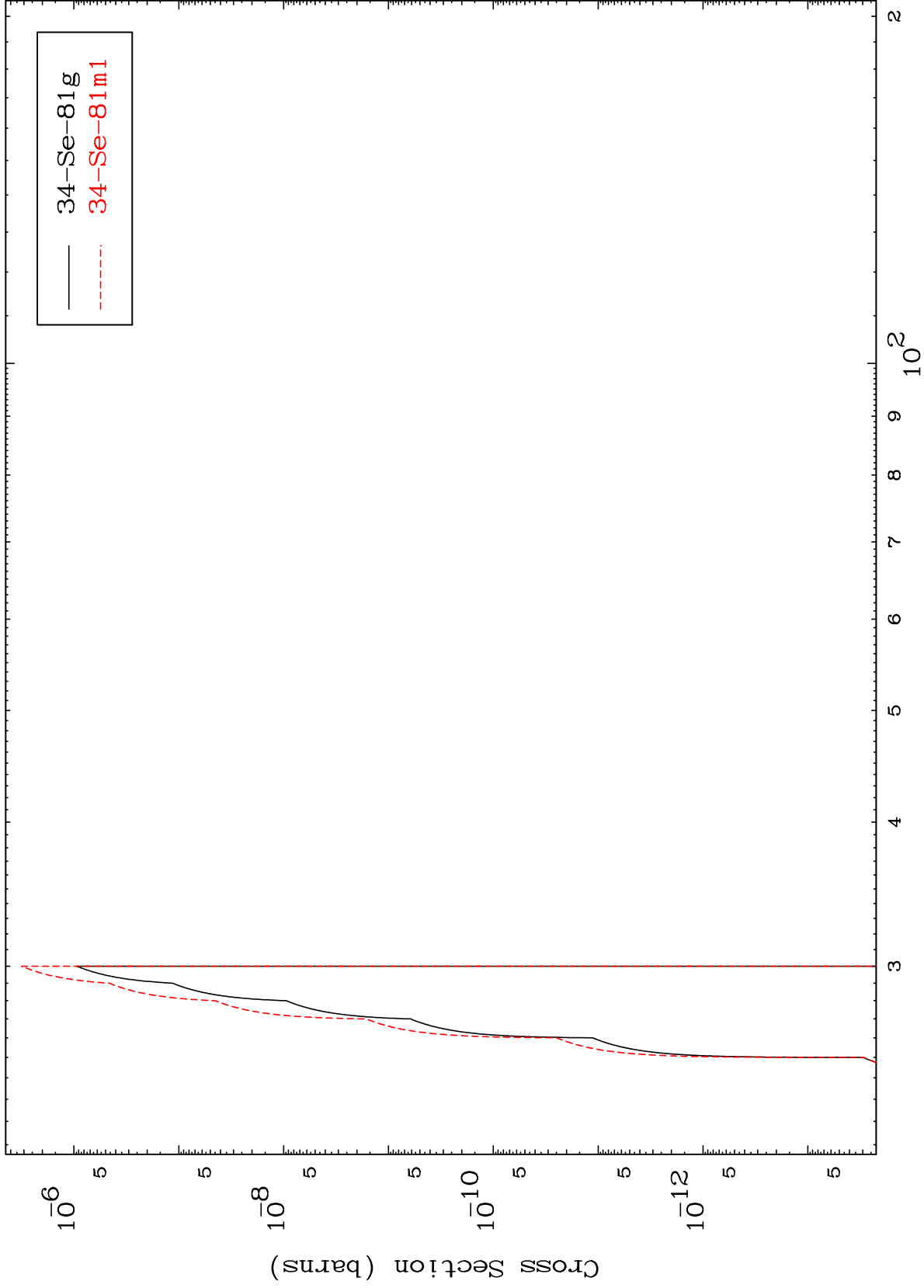
36-Kr-84

MAT 3643

(n,n') He-3

36-Kr-84

Radionuclide Production Cross Section



124

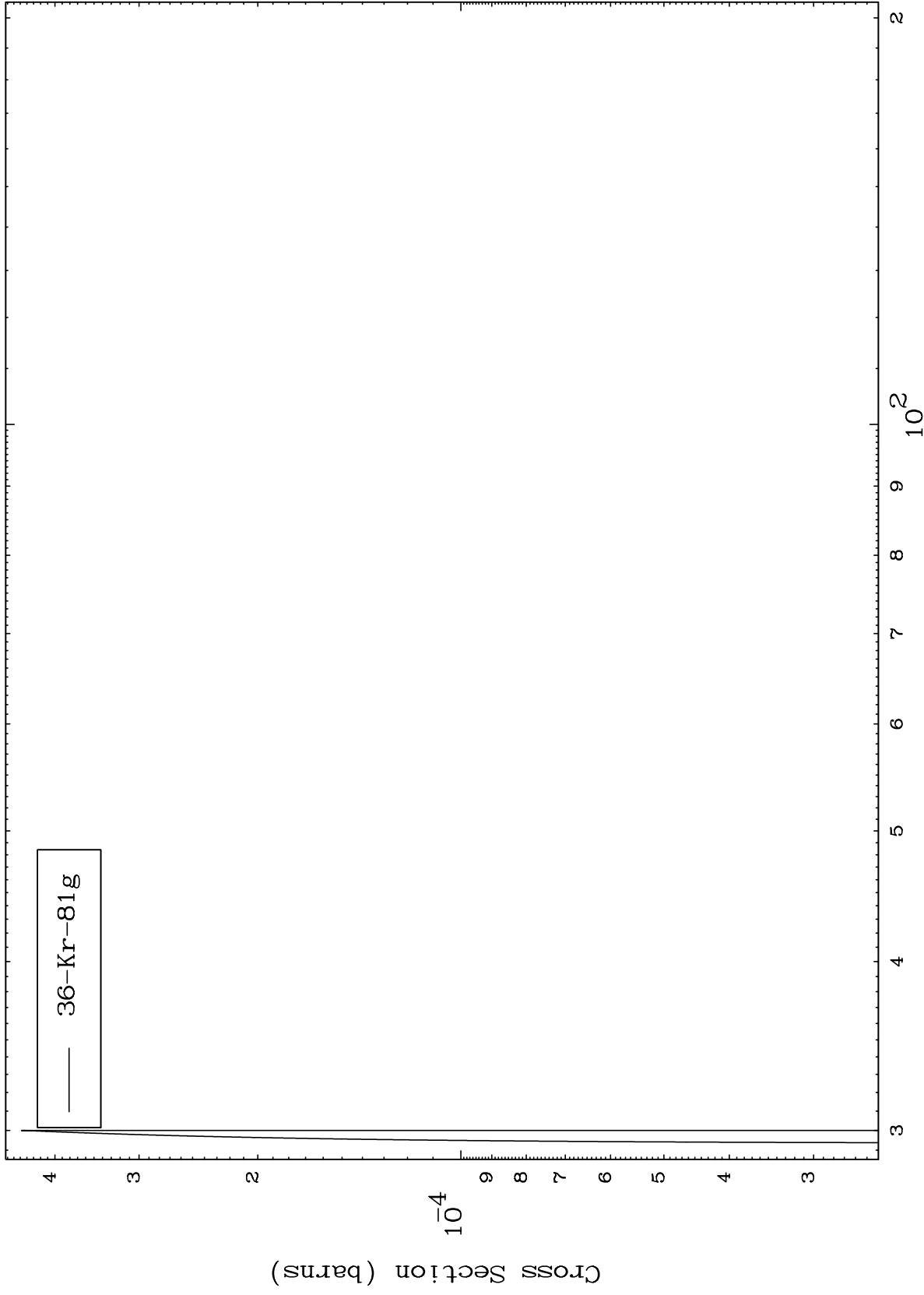
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

(n,4n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

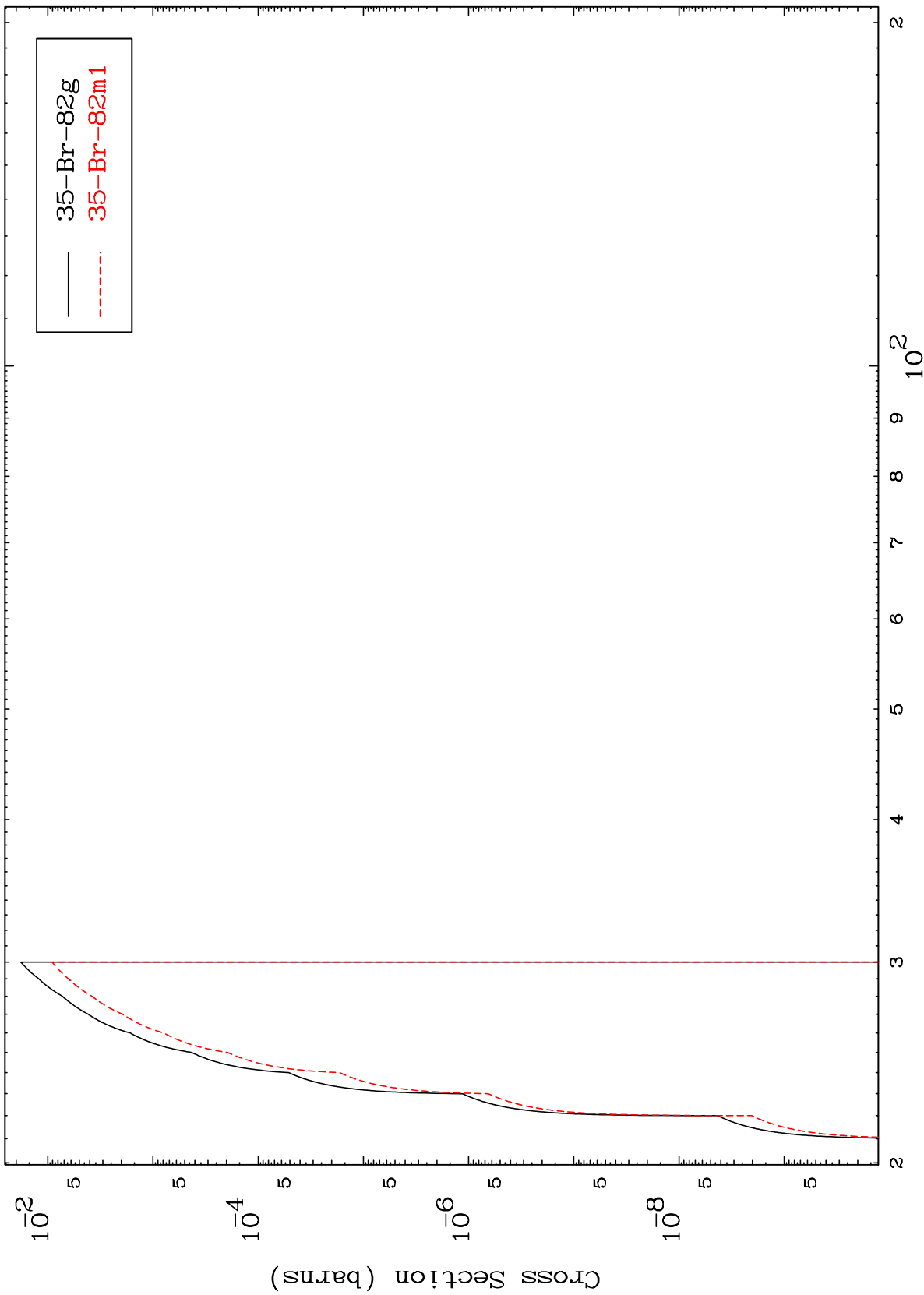
36-Kr-84

MAT 3643

(n,2n) p

36-Kr-84

Radionuclide Production Cross Section



126

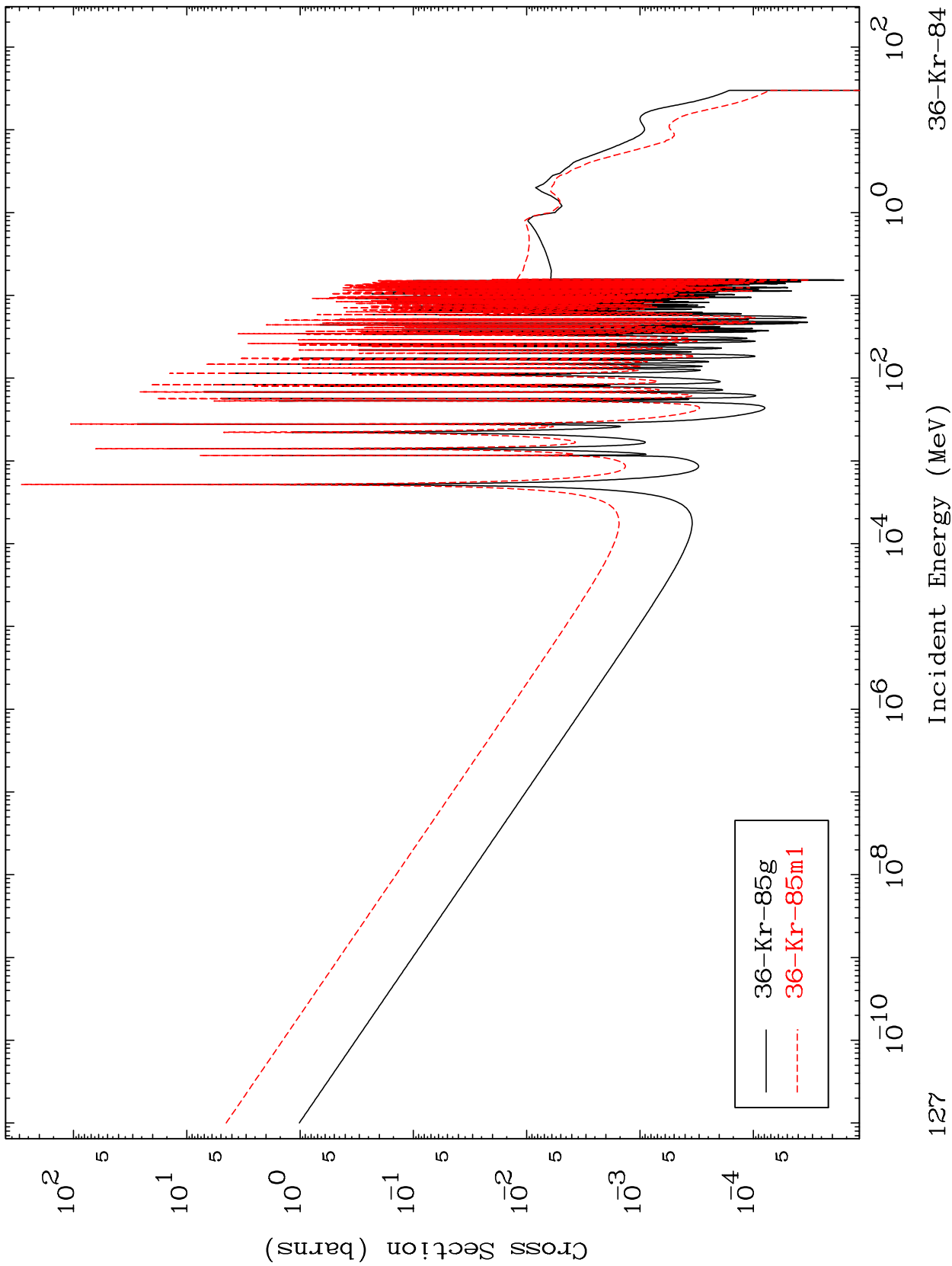
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

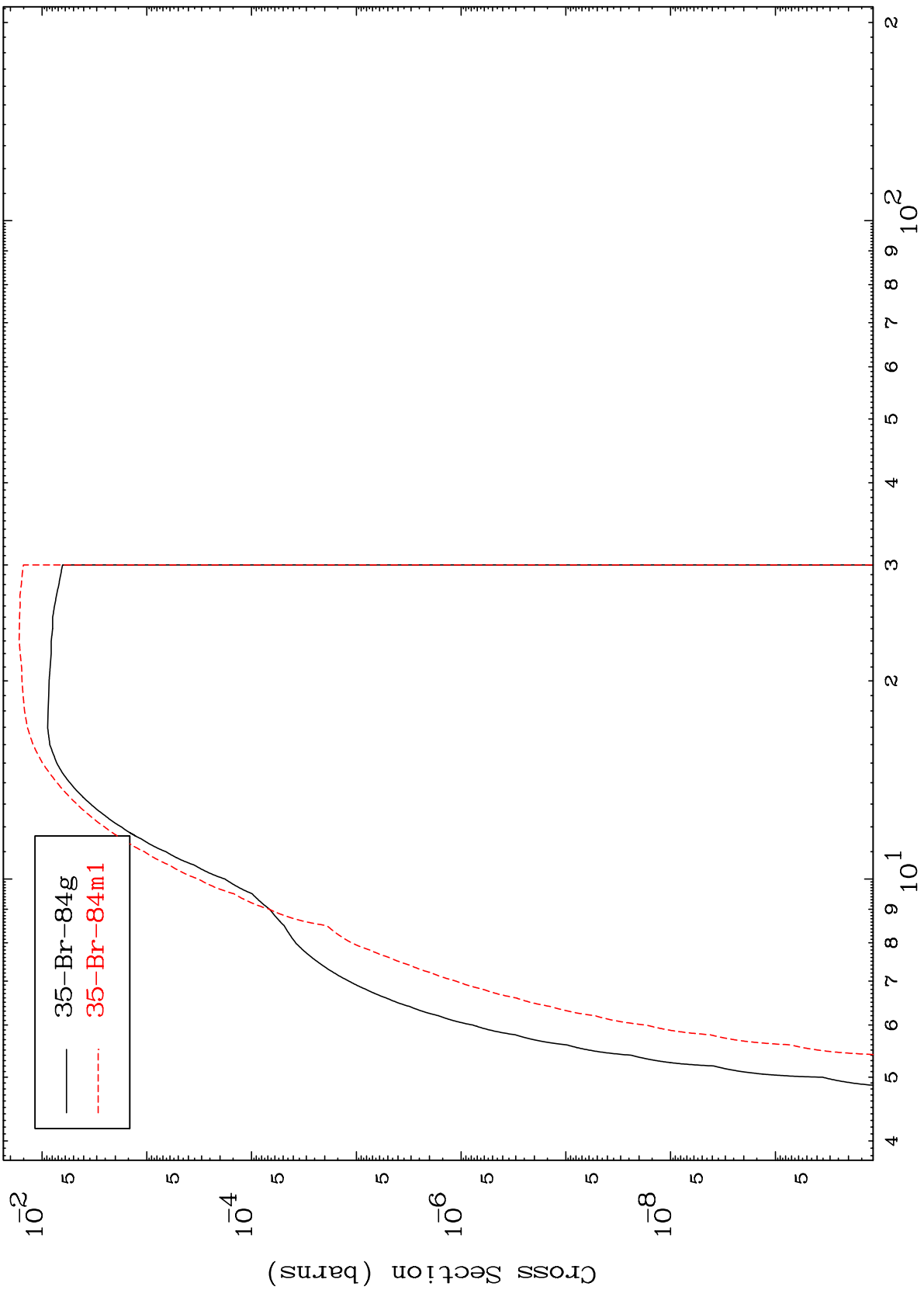
Radionuclide Production Cross Section
(n, γ)



MAT 3643

36-Kr-84

Radionuclide Production Cross Section (n,p)



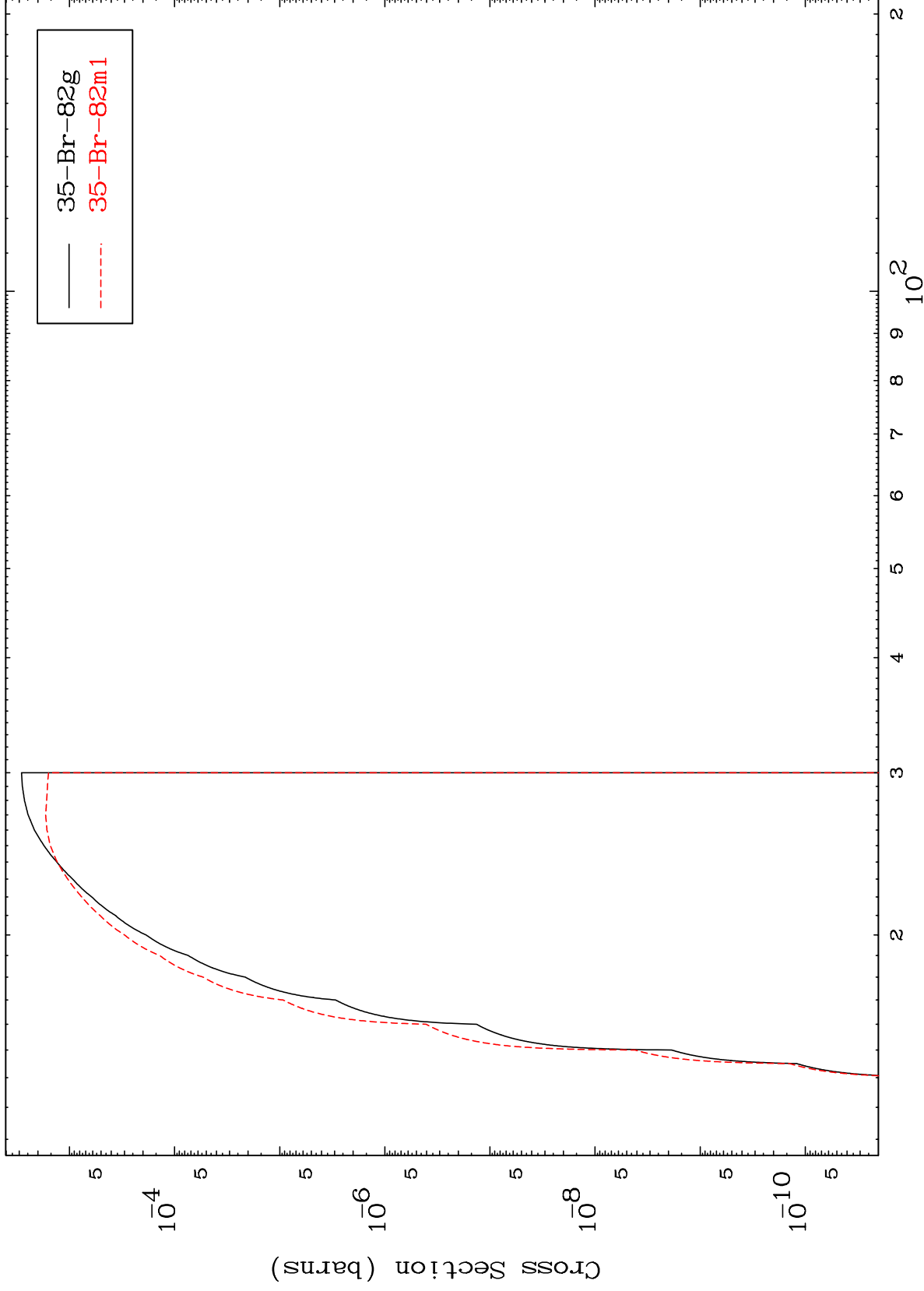
Legend:
— 35-Br-84g
- - - 35-Br-84m1

36-Kr-84

Incident Energy (MeV)

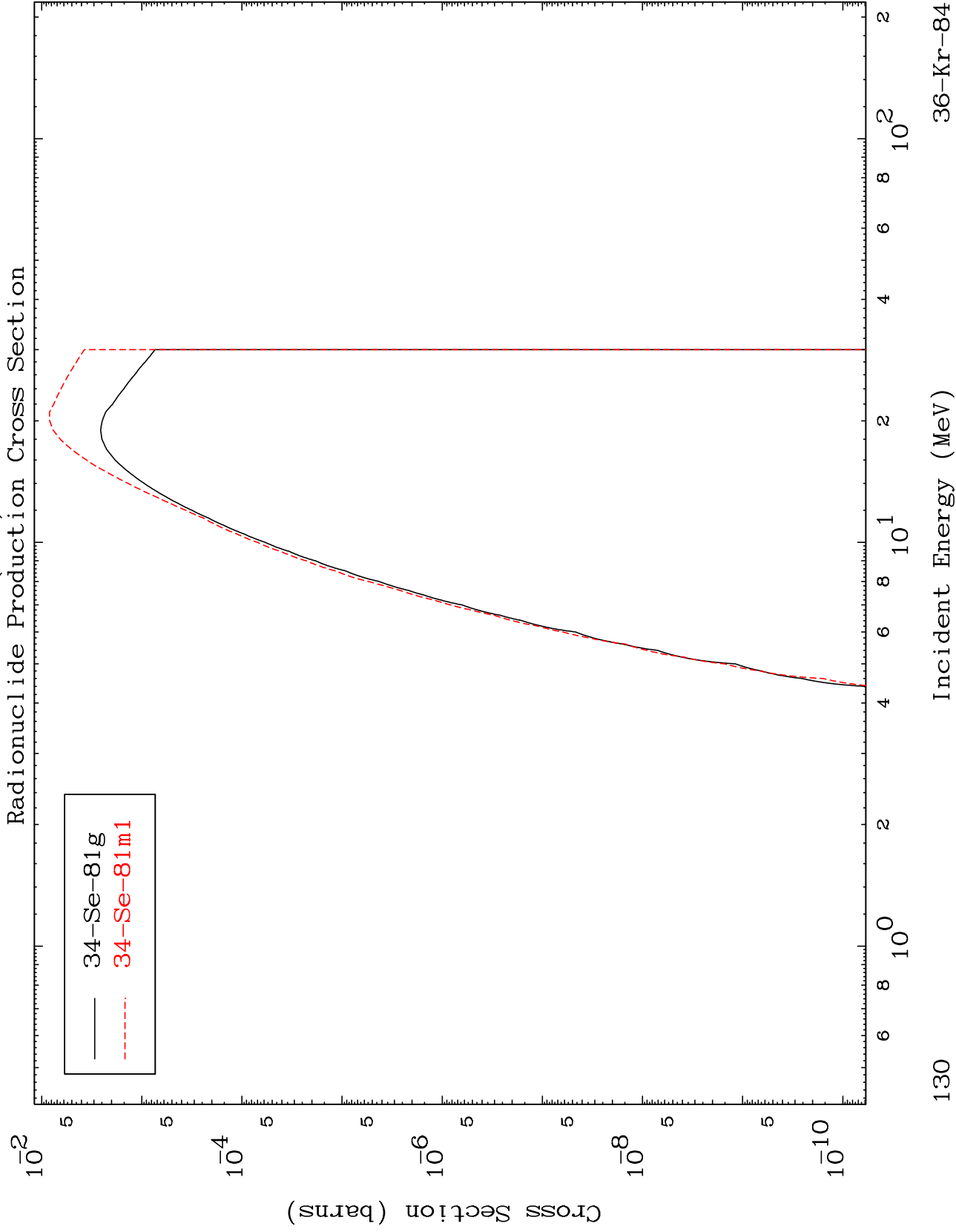
128

(n,t)
Radionuclide Production Cross Section



MAT 3643

36-Kr-84

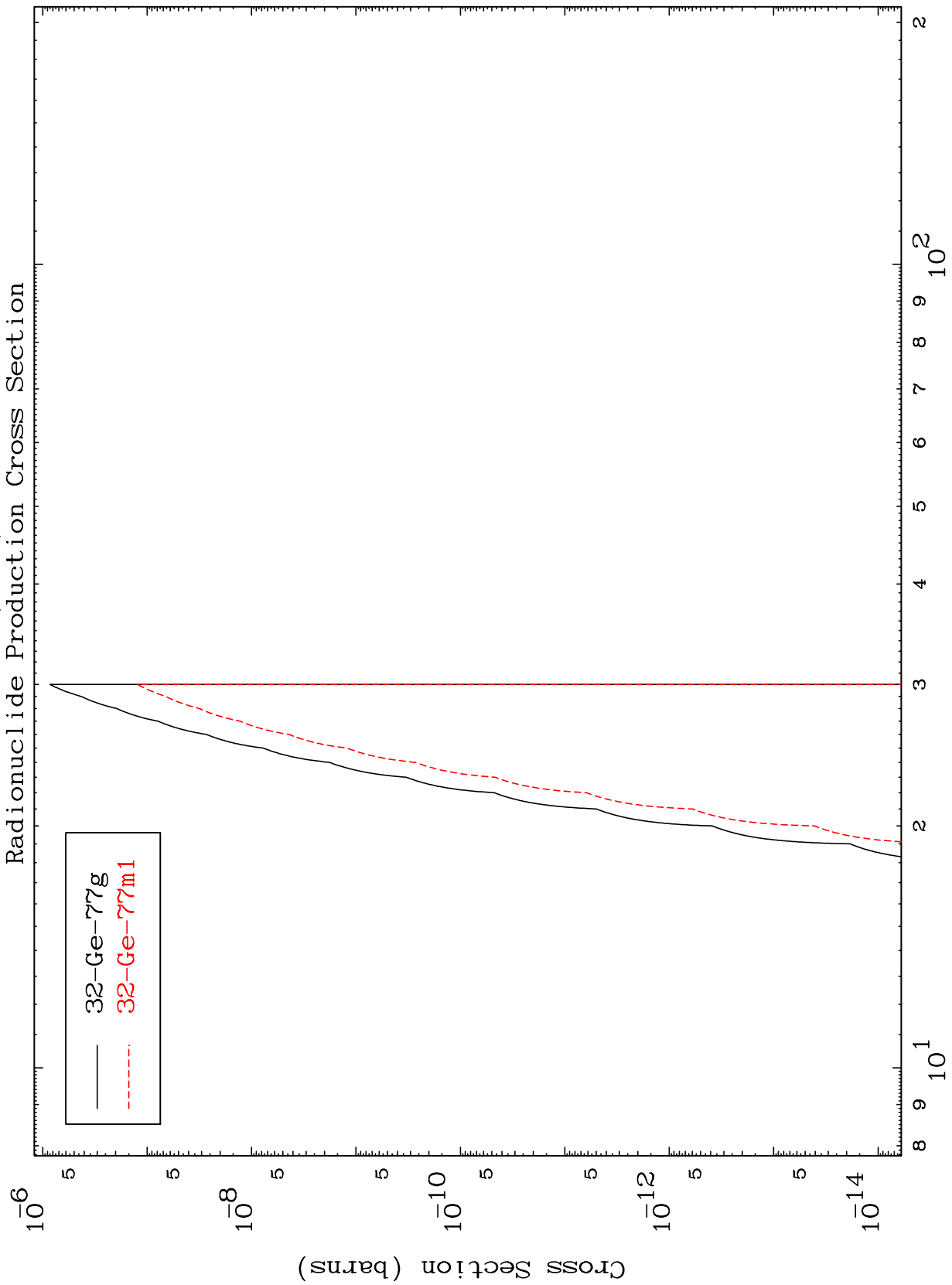


130

MAT 3643

36-Kr-84

(n,2α)
Radionuclide Production Cross Section



— 32-Ge-77g
- - - 32-Ge-77m1

Incident Energy (MeV)

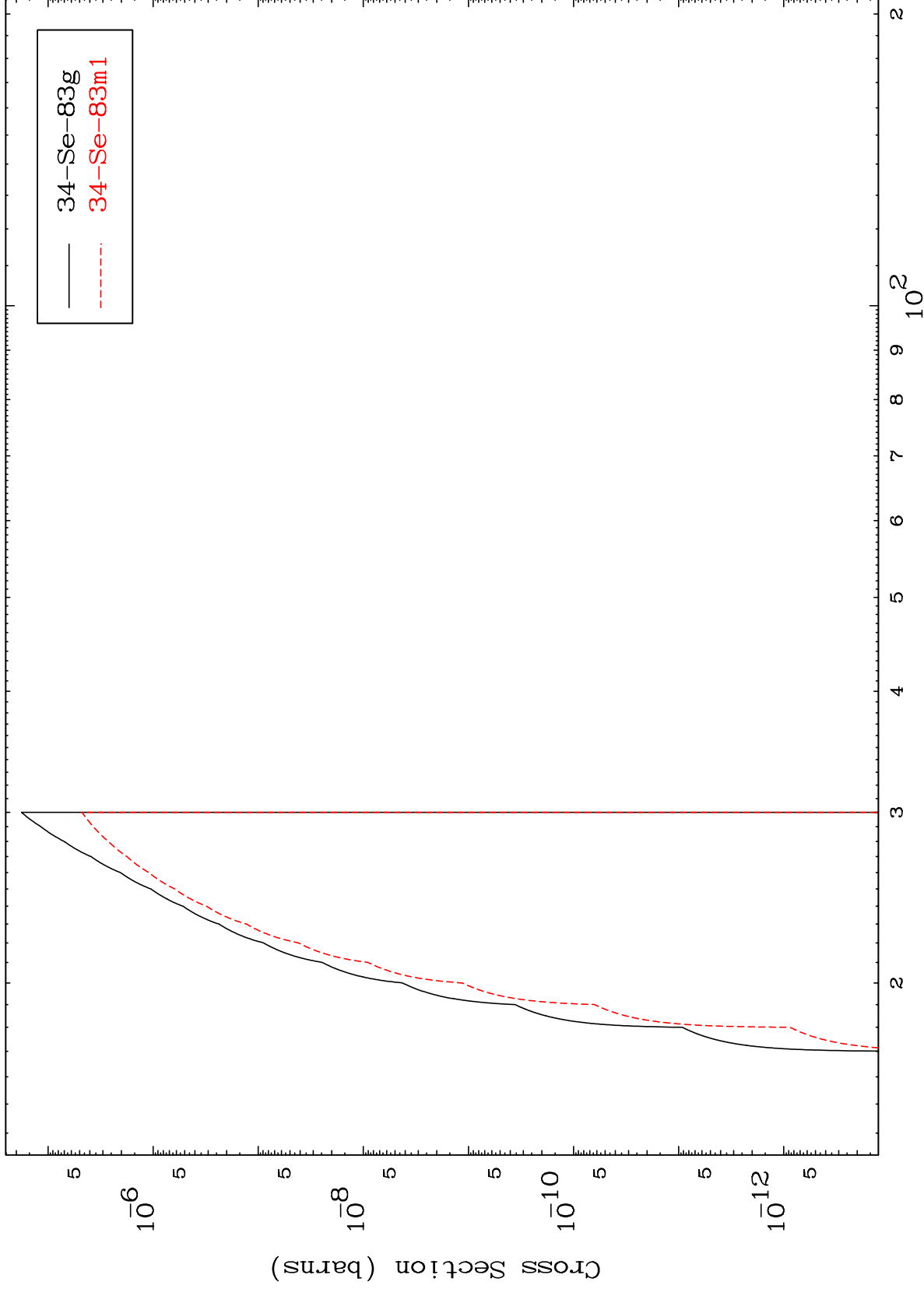
36-Kr-84

131

MAT 3643

36-Kr-84

(n,2p)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

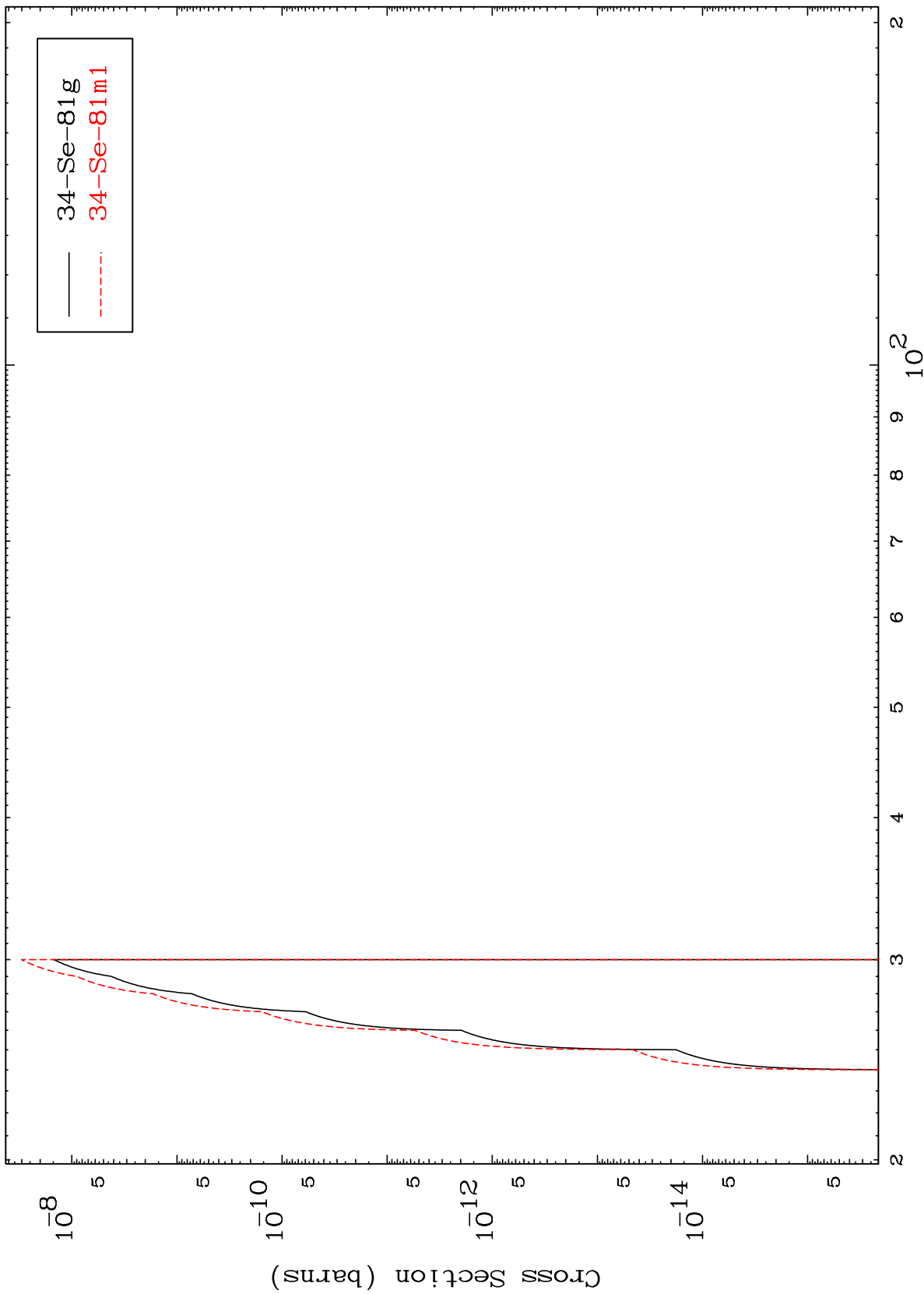
36-Kr-84

MAT 3643

(n,p) t

36-Kr-84

Radionuclide Production Cross Section



133

Incident Energy (MeV)

36-Kr-84