

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

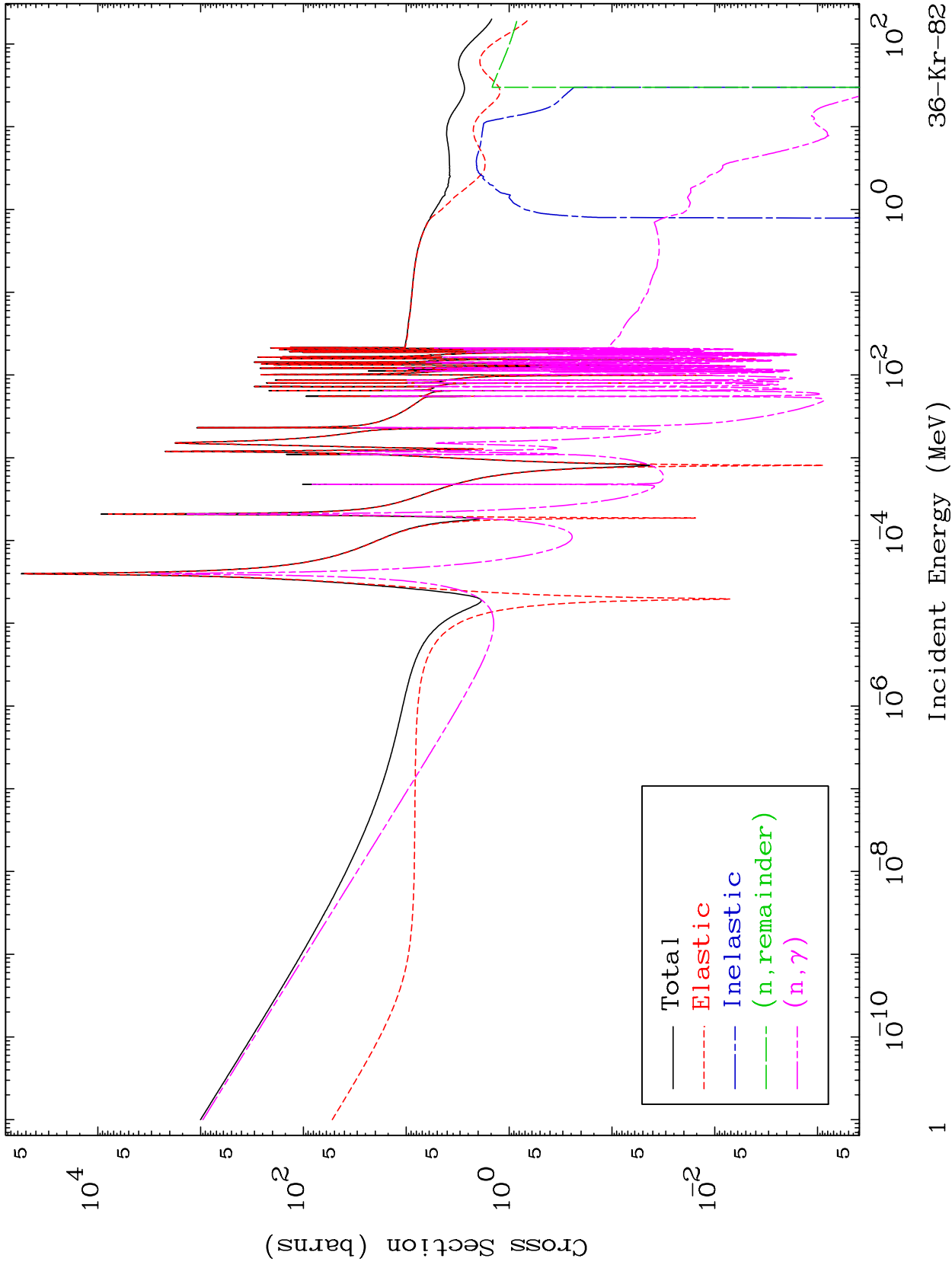
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

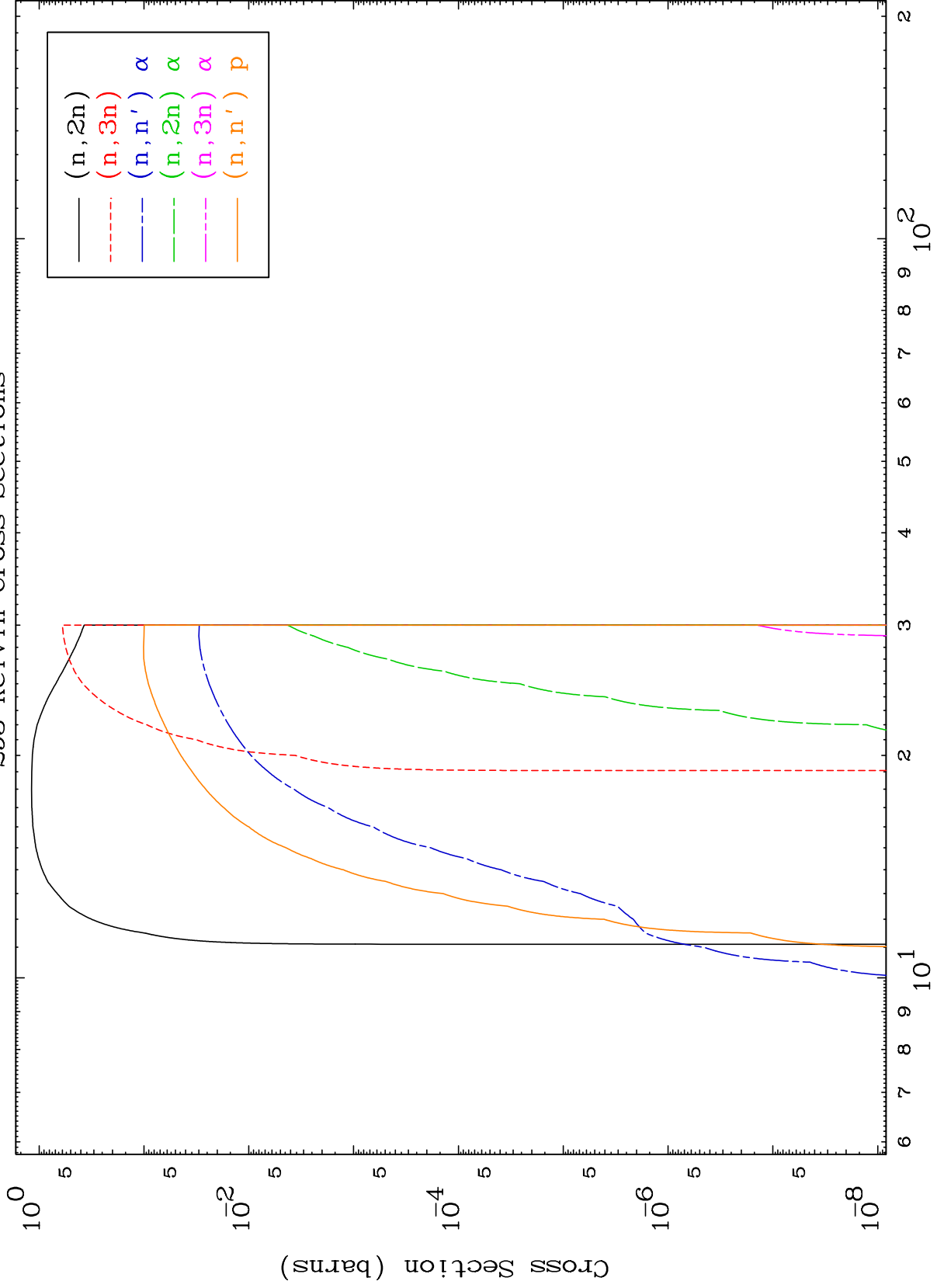
Press Mouse Button to Start

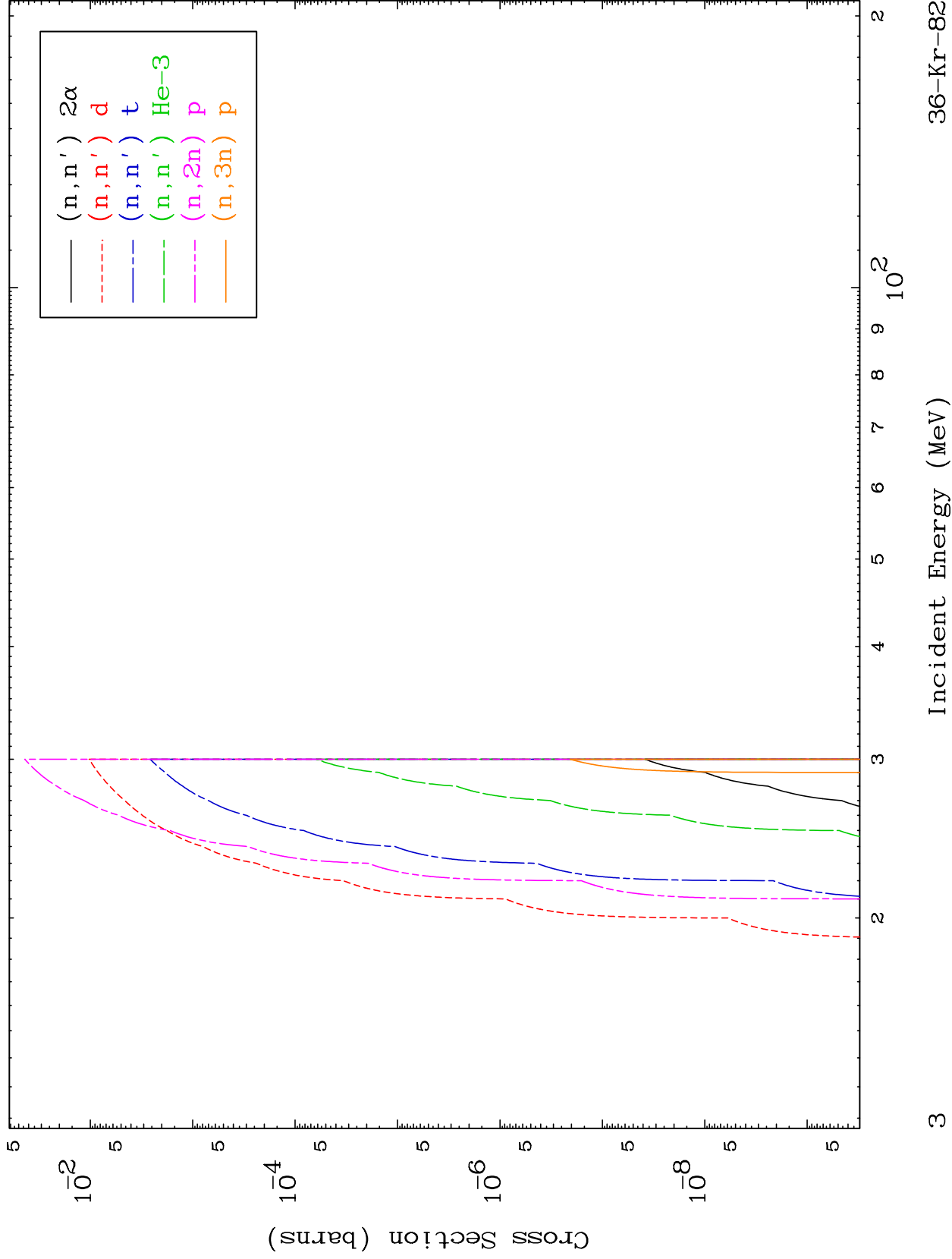
MAT 3637

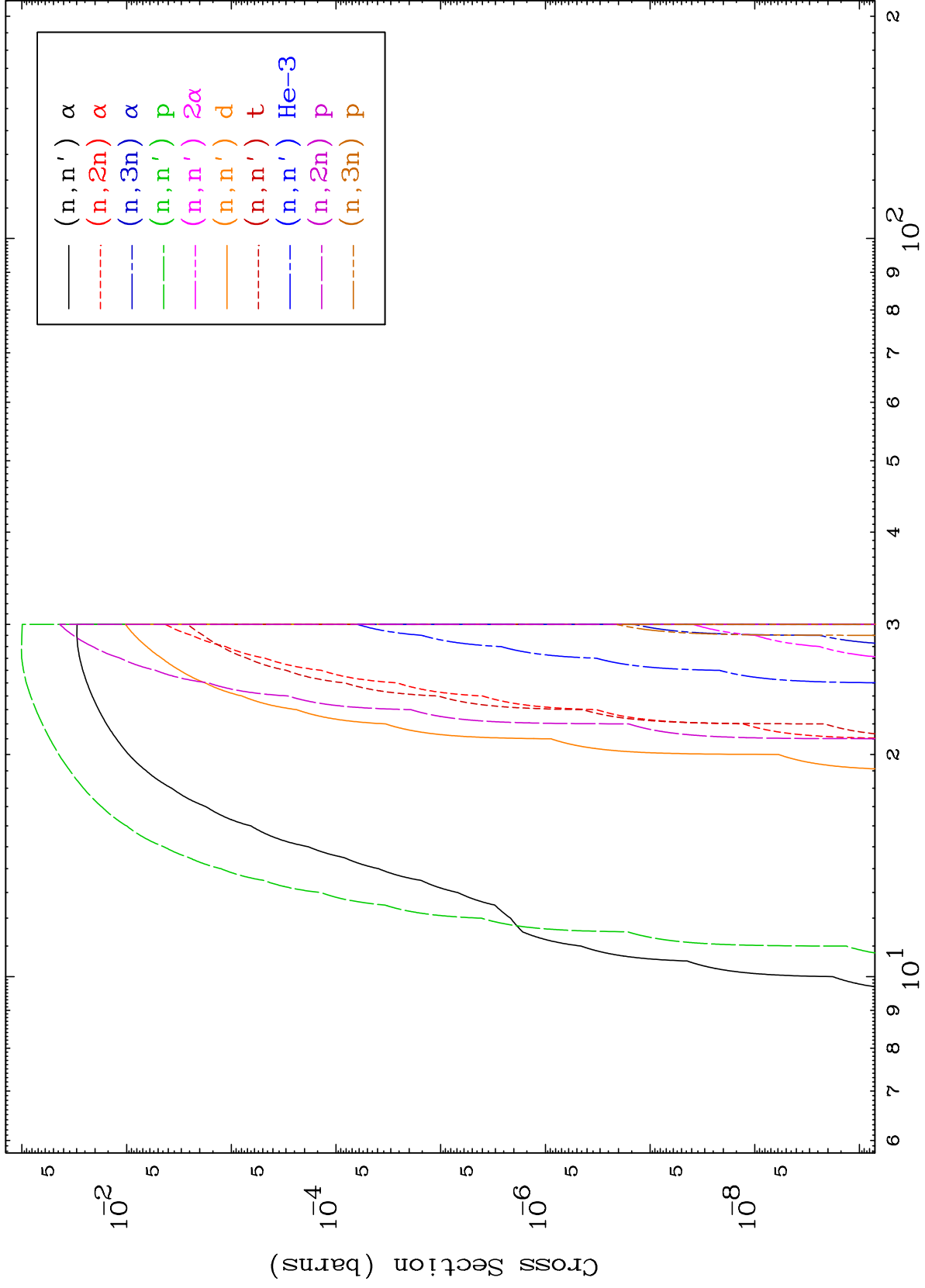
Major
293 Kelvin Cross Sections

36-Kr-82





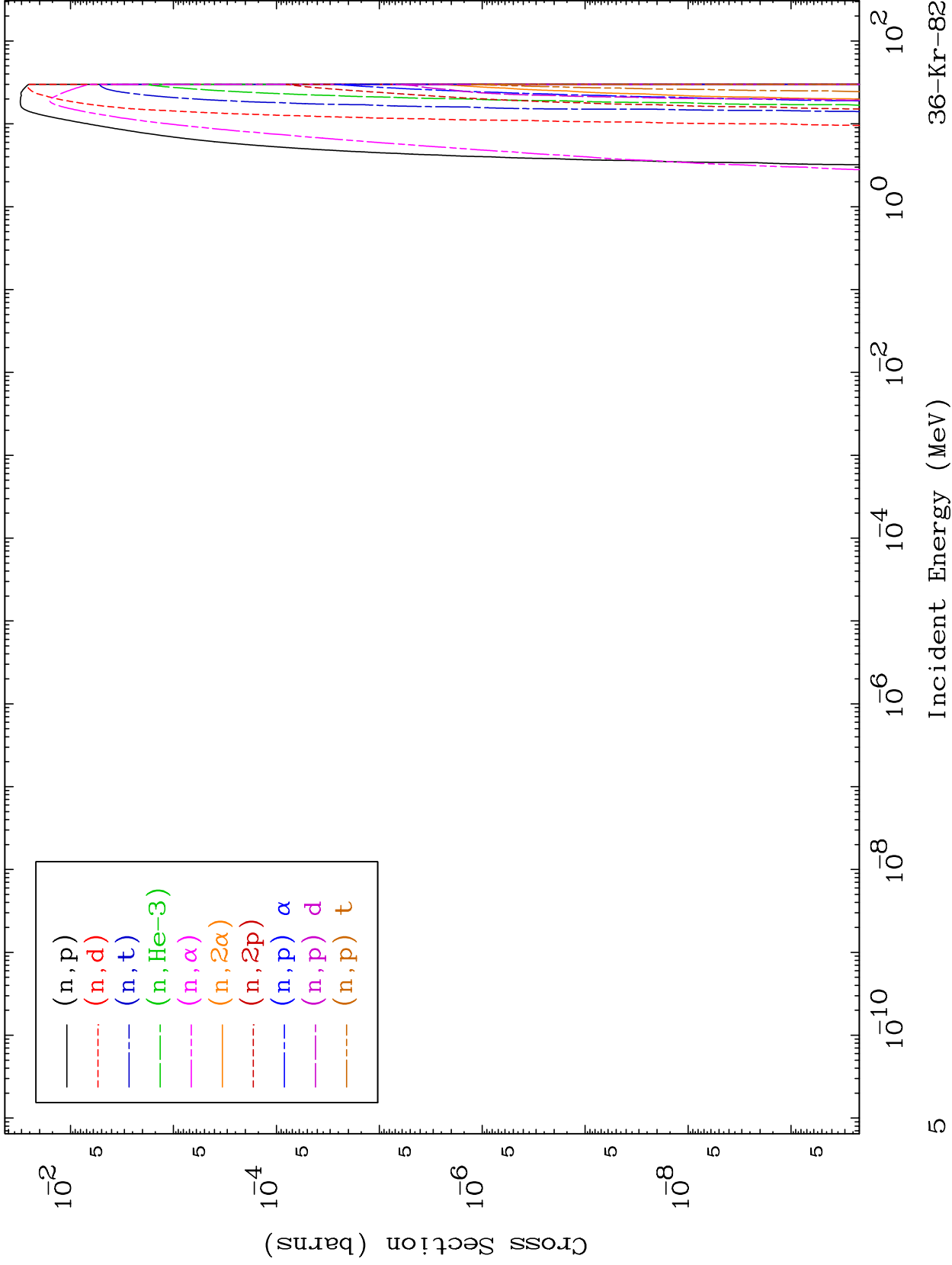


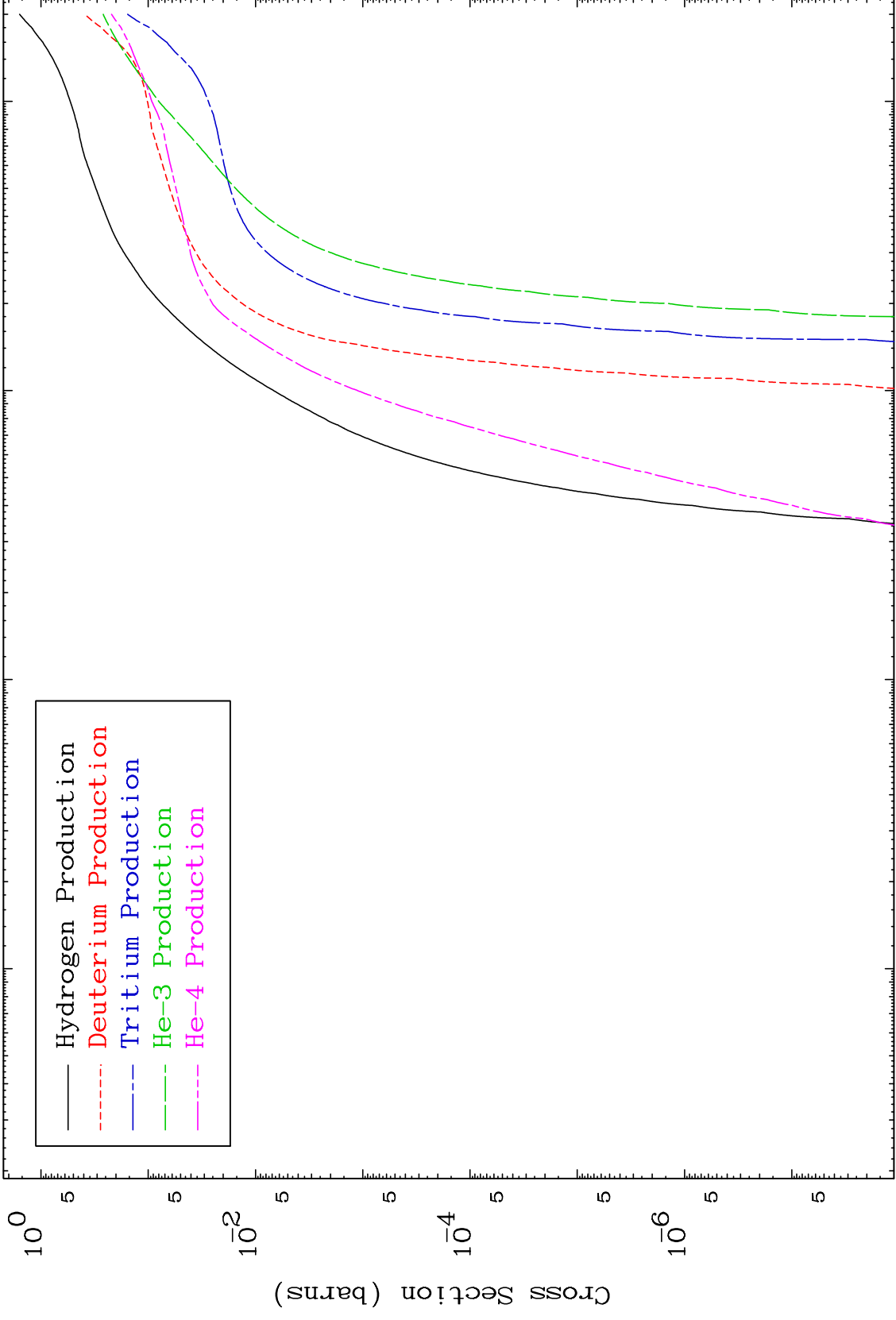


MAT 3637

Charged Particle
293 Kelvin Cross Sections

36-Kr-82

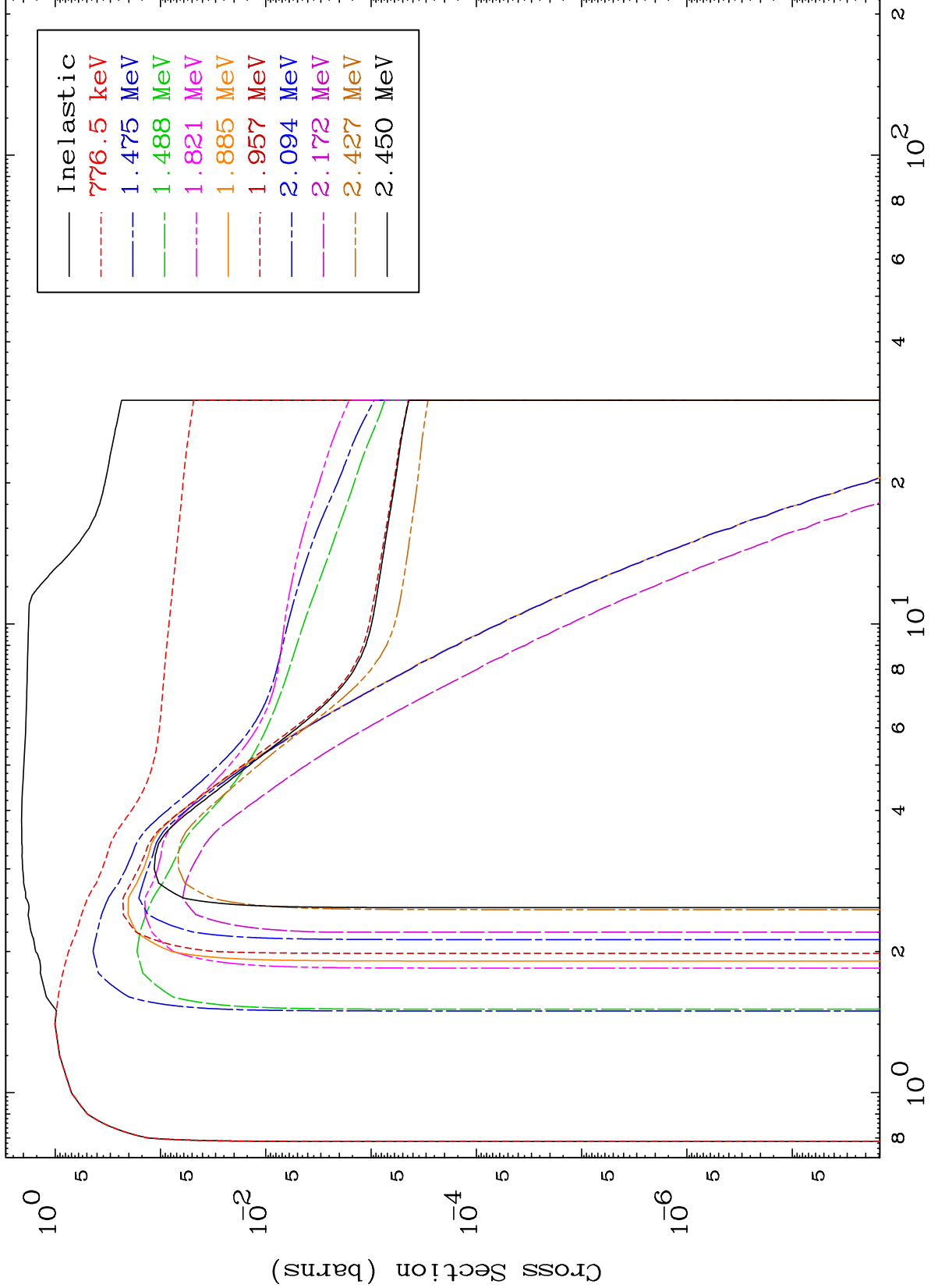




MAT 3637

(n,n') Level
293 Kelvin Cross Sections

36-Kr-82



7

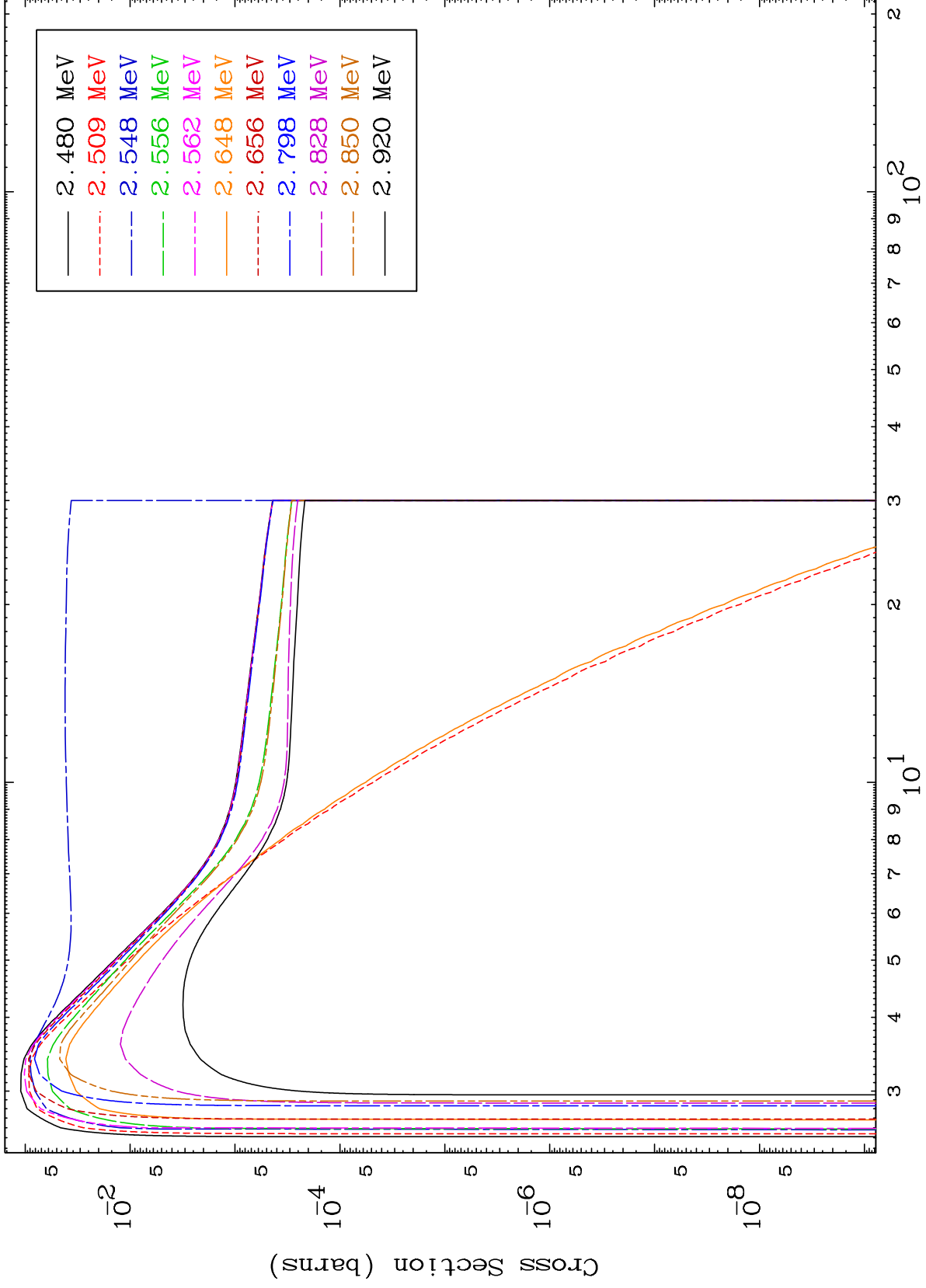
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,n') Level
293 Kelvin Cross Sections

36-Kr-82



8

Incident Energy (MeV)

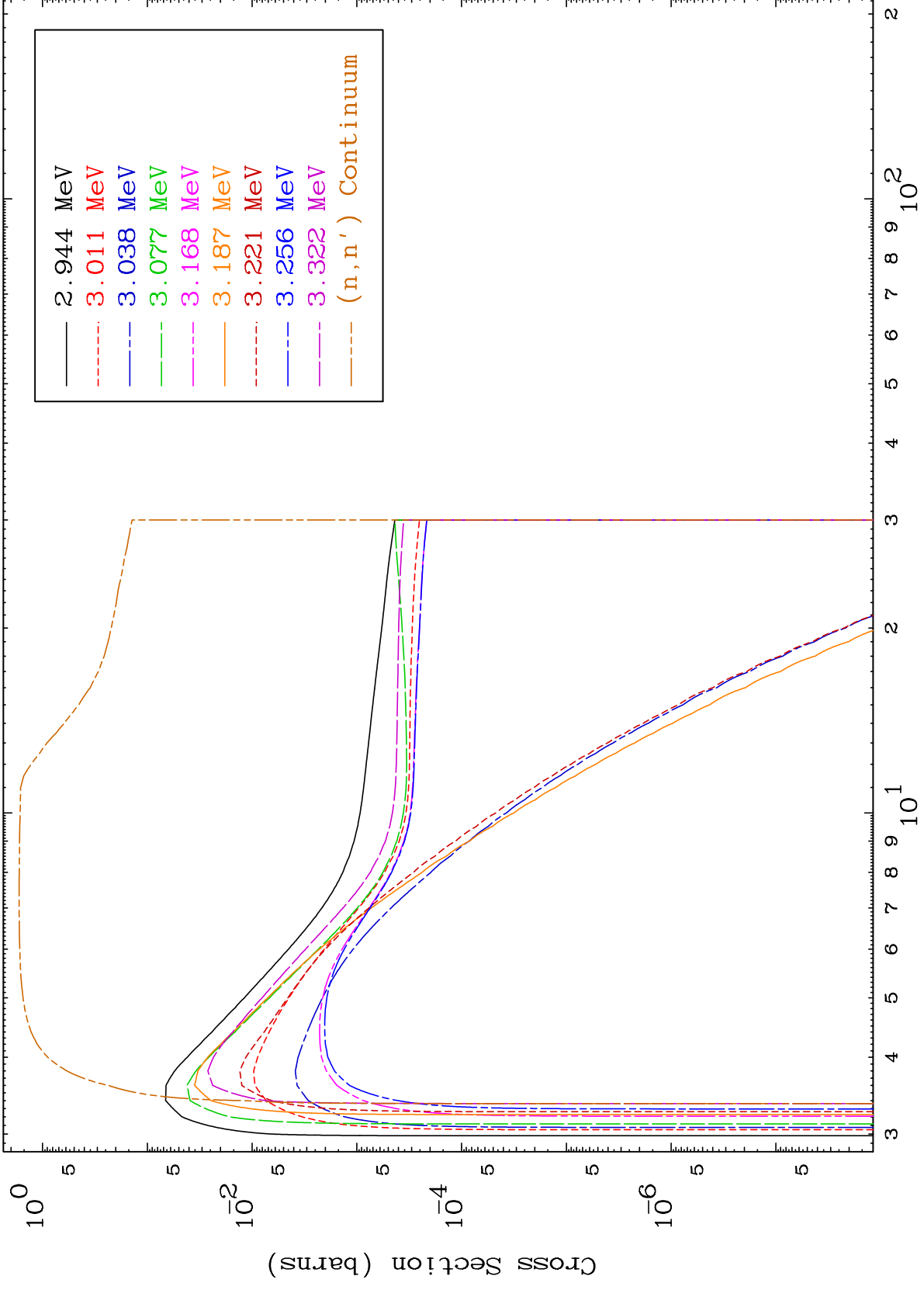
36-Kr-82

MAT 3637

(n,n') Level

36-Kr-82

293 Kelvin Cross Sections



9

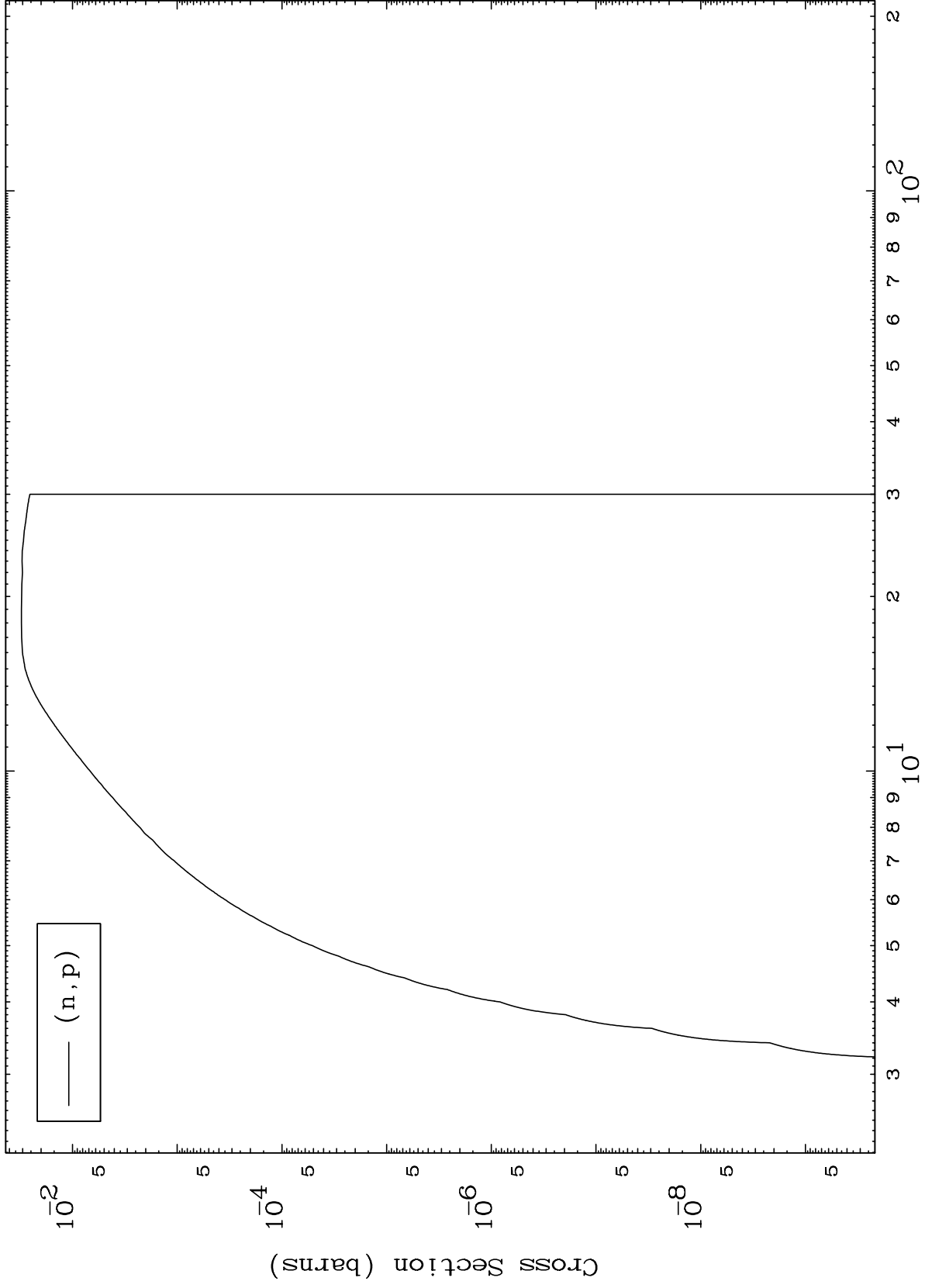
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-82



10

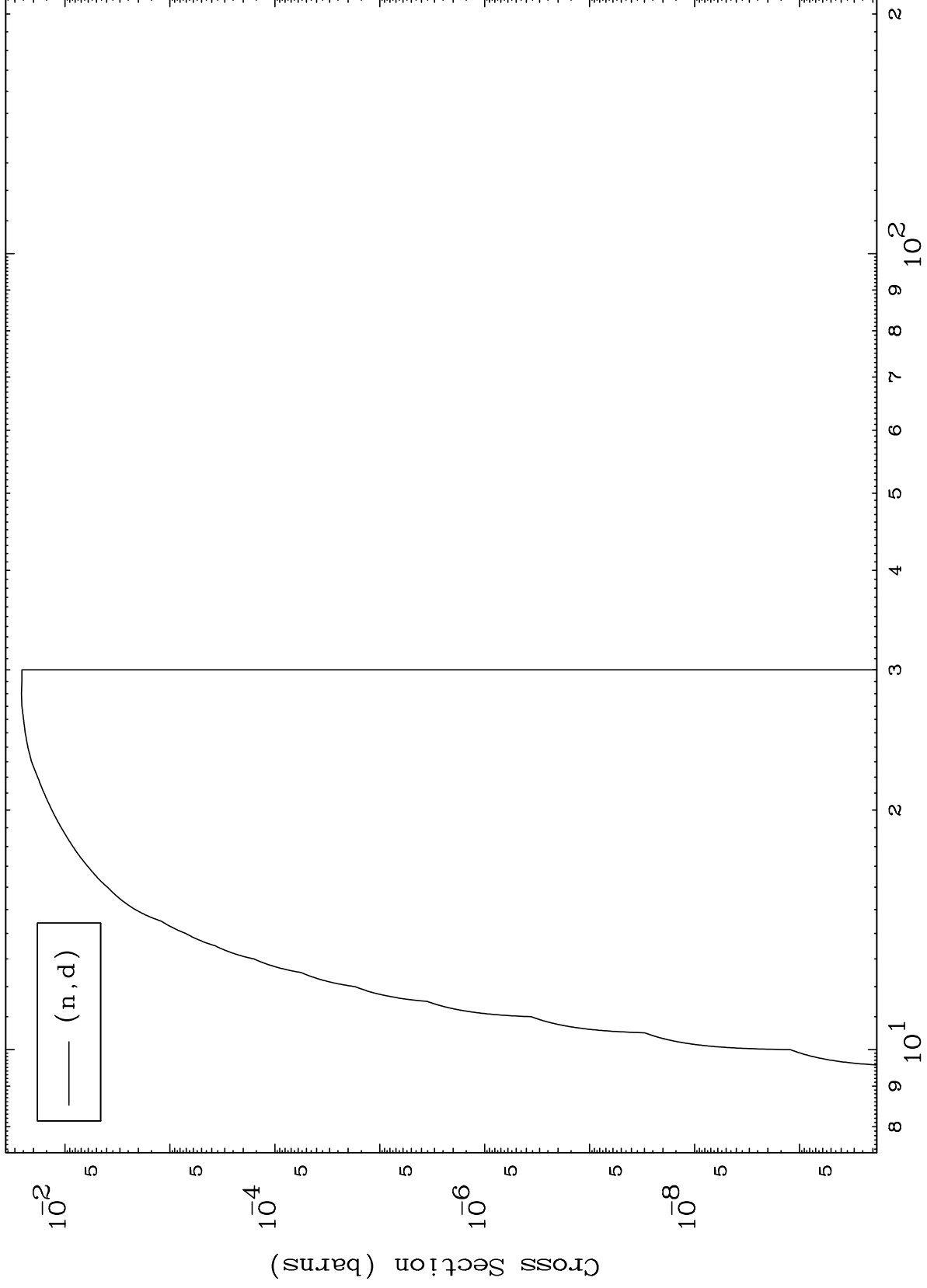
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,d) Levels
293 Kelvin Cross Sections

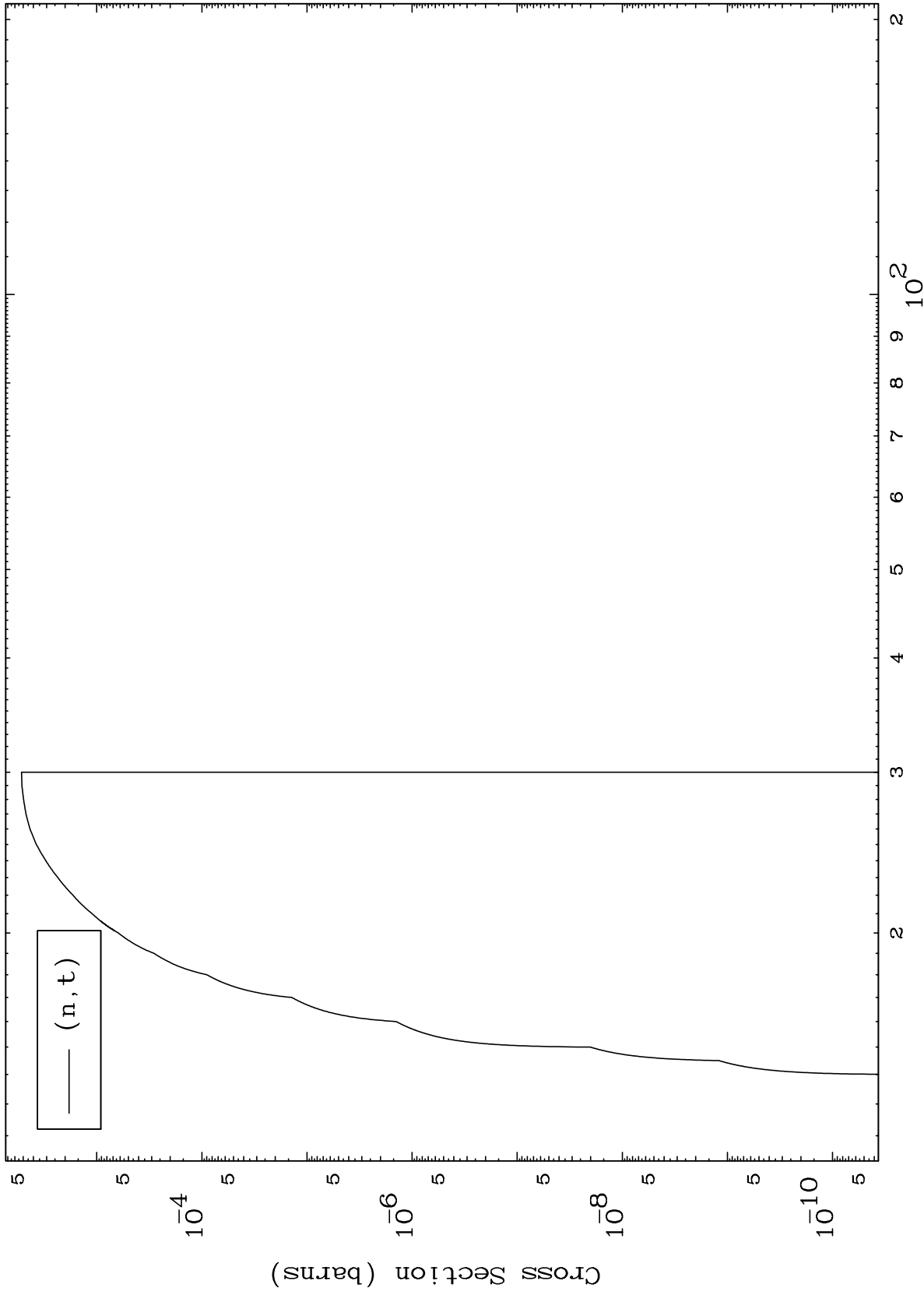
36-Kr-82



11

Incident Energy (MeV)

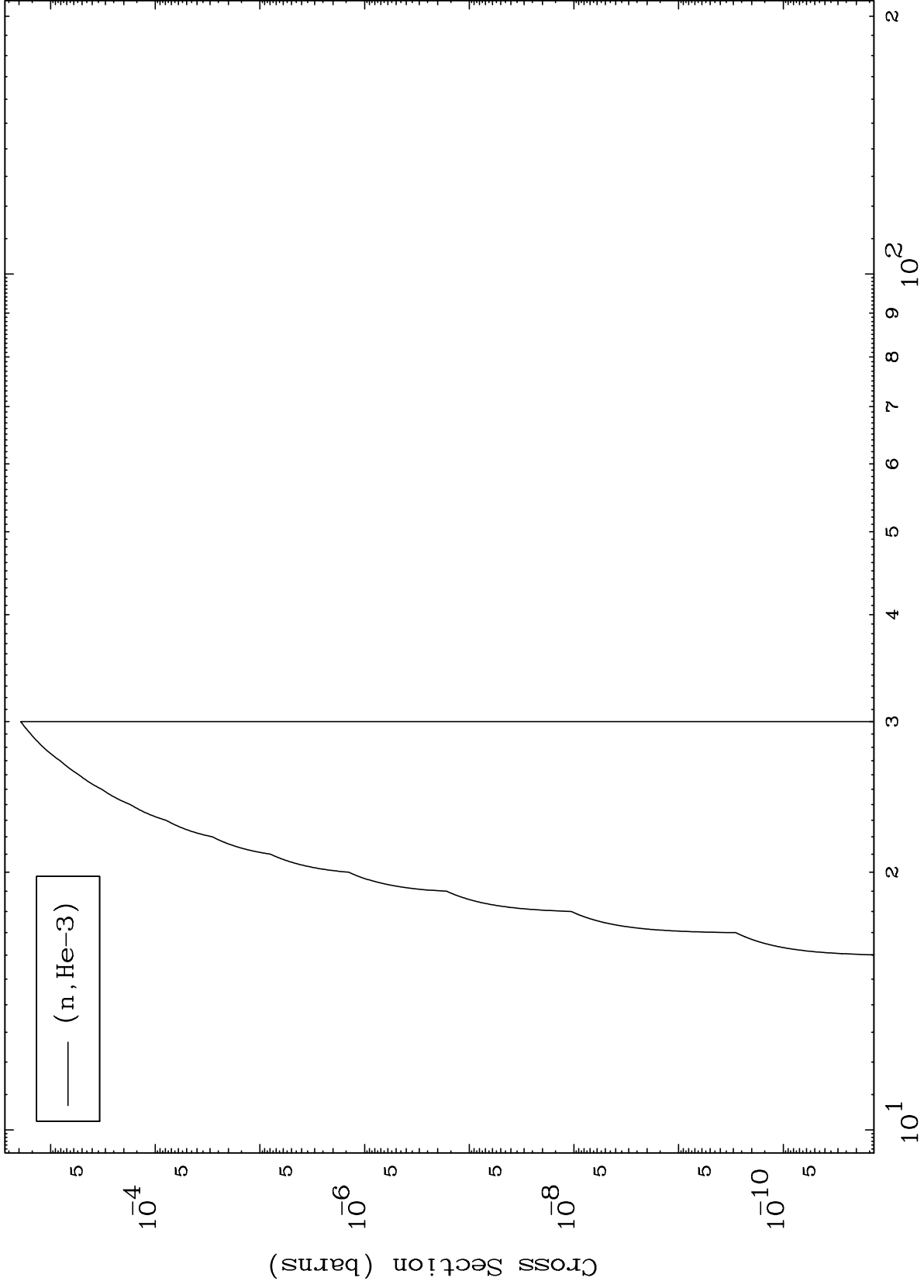
36-Kr-82



MAT 3637

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-82



13

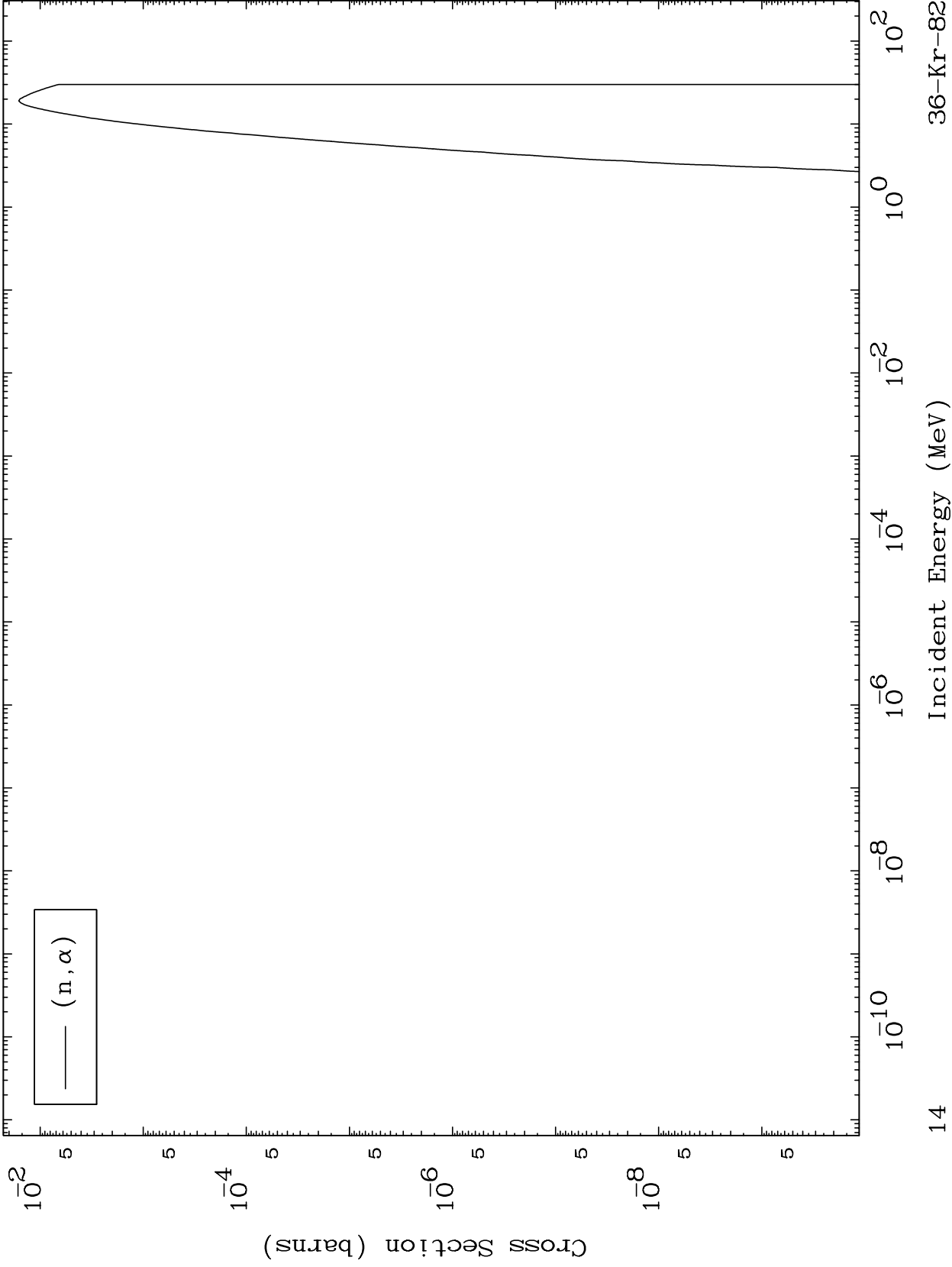
Incident Energy (MeV)

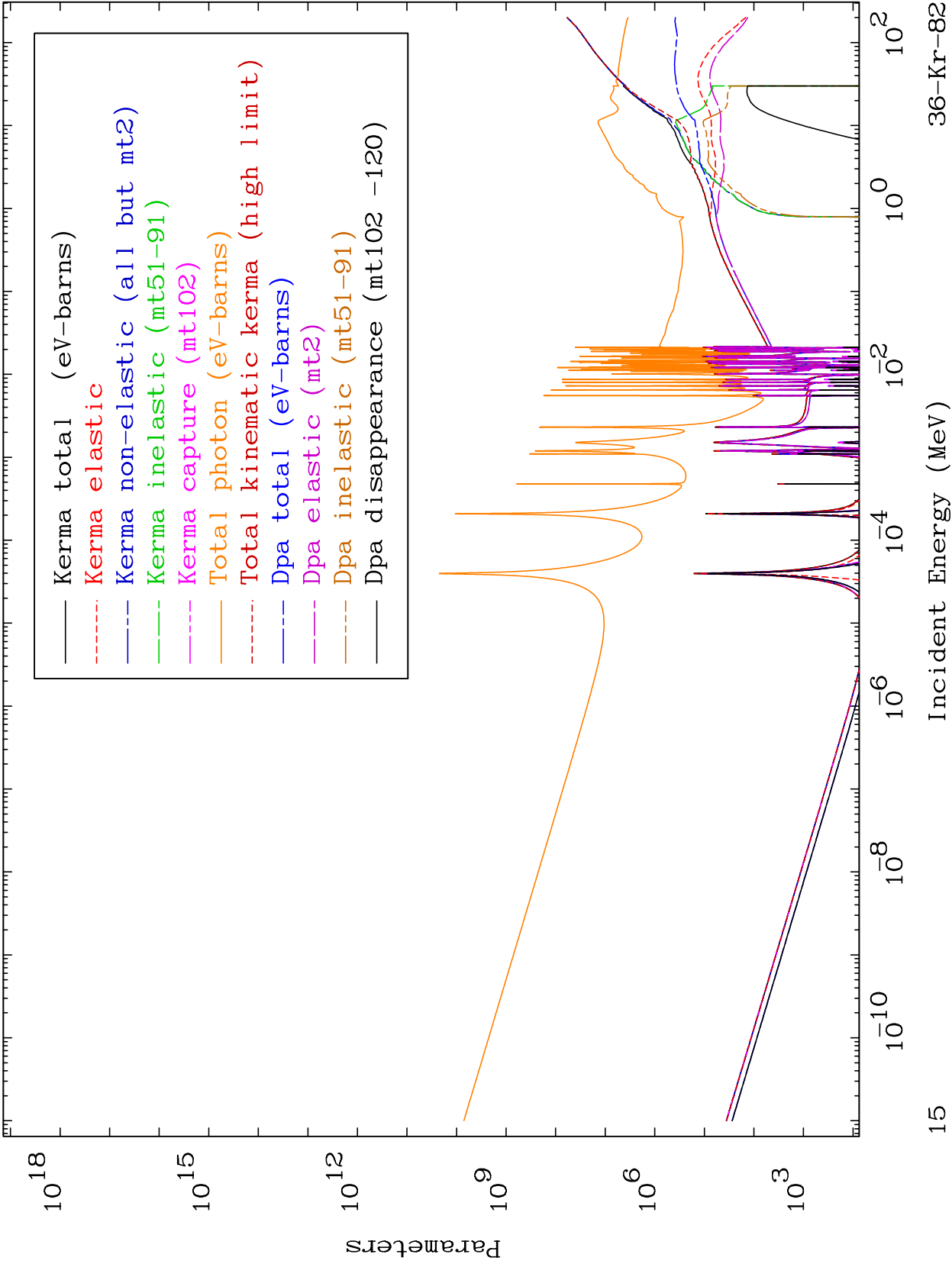
36-Kr-82

MAT 3637

(n, α) Levels
293 Kelvin Cross Sections

36-Kr-82

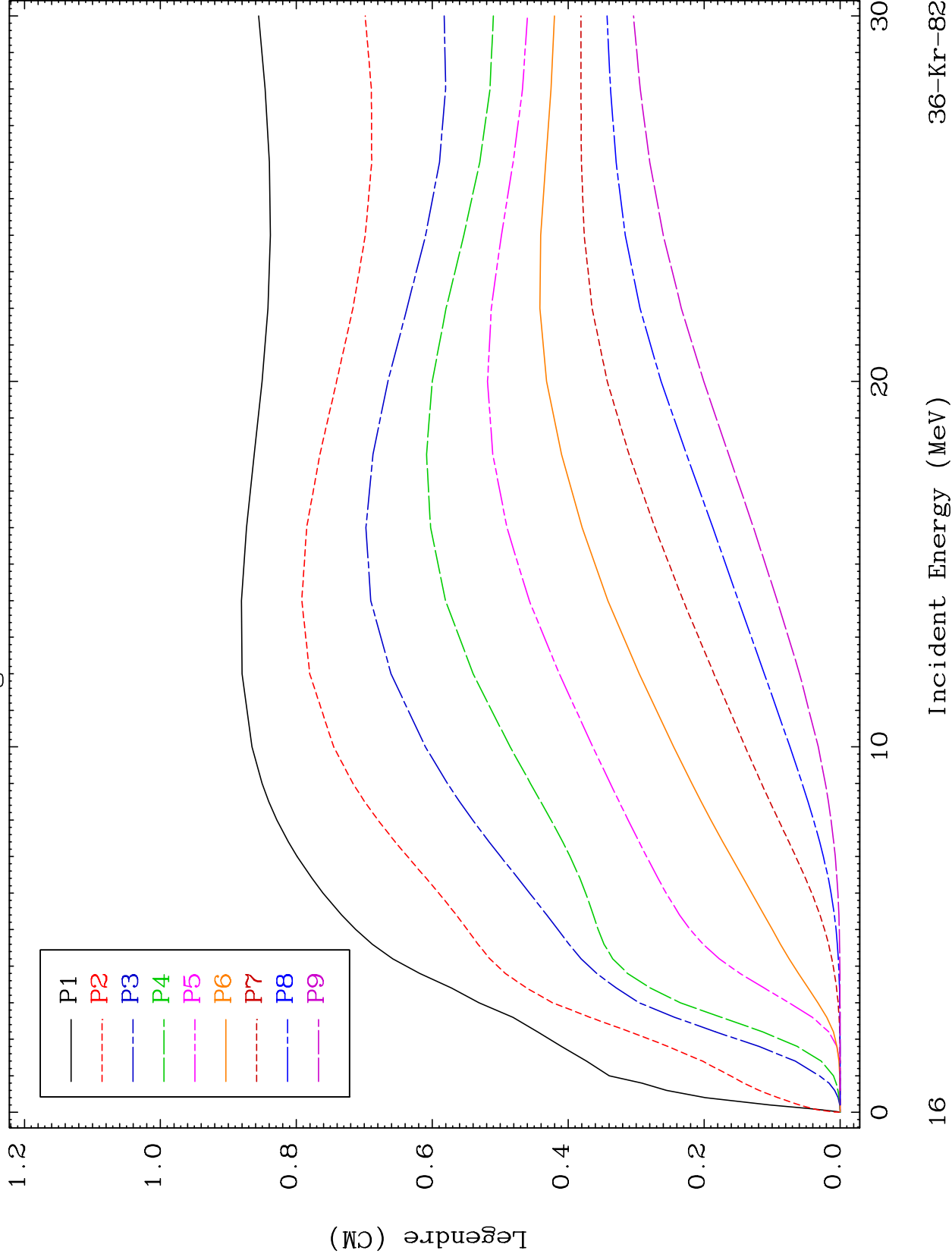




MAT 3637

Elastic Legendre Coefficients

36-Kr-82



16

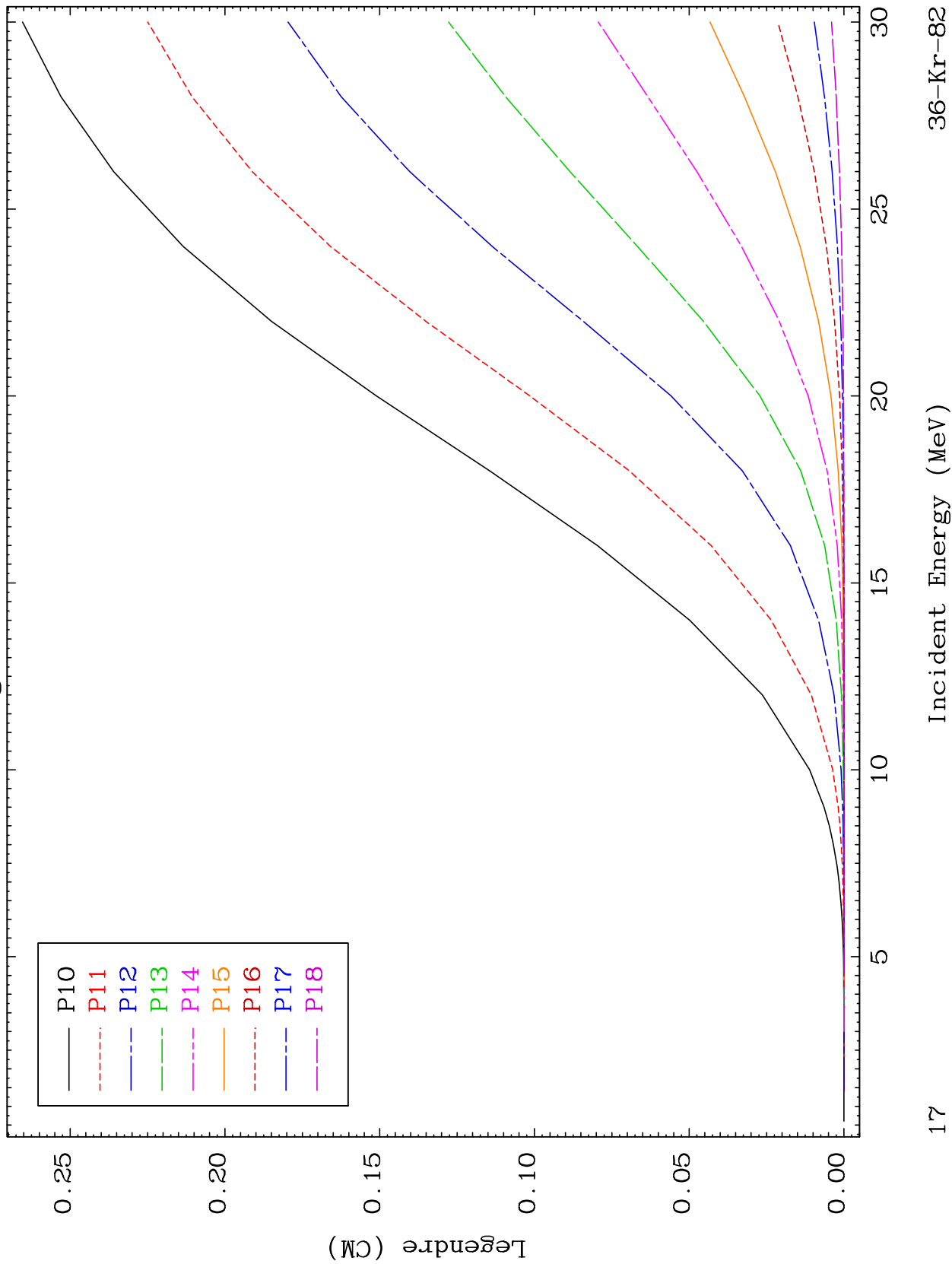
Incident Energy (MeV)

36-Kr-82

MAT 3637

Elastic Legendre Coefficients

36-Kr-82



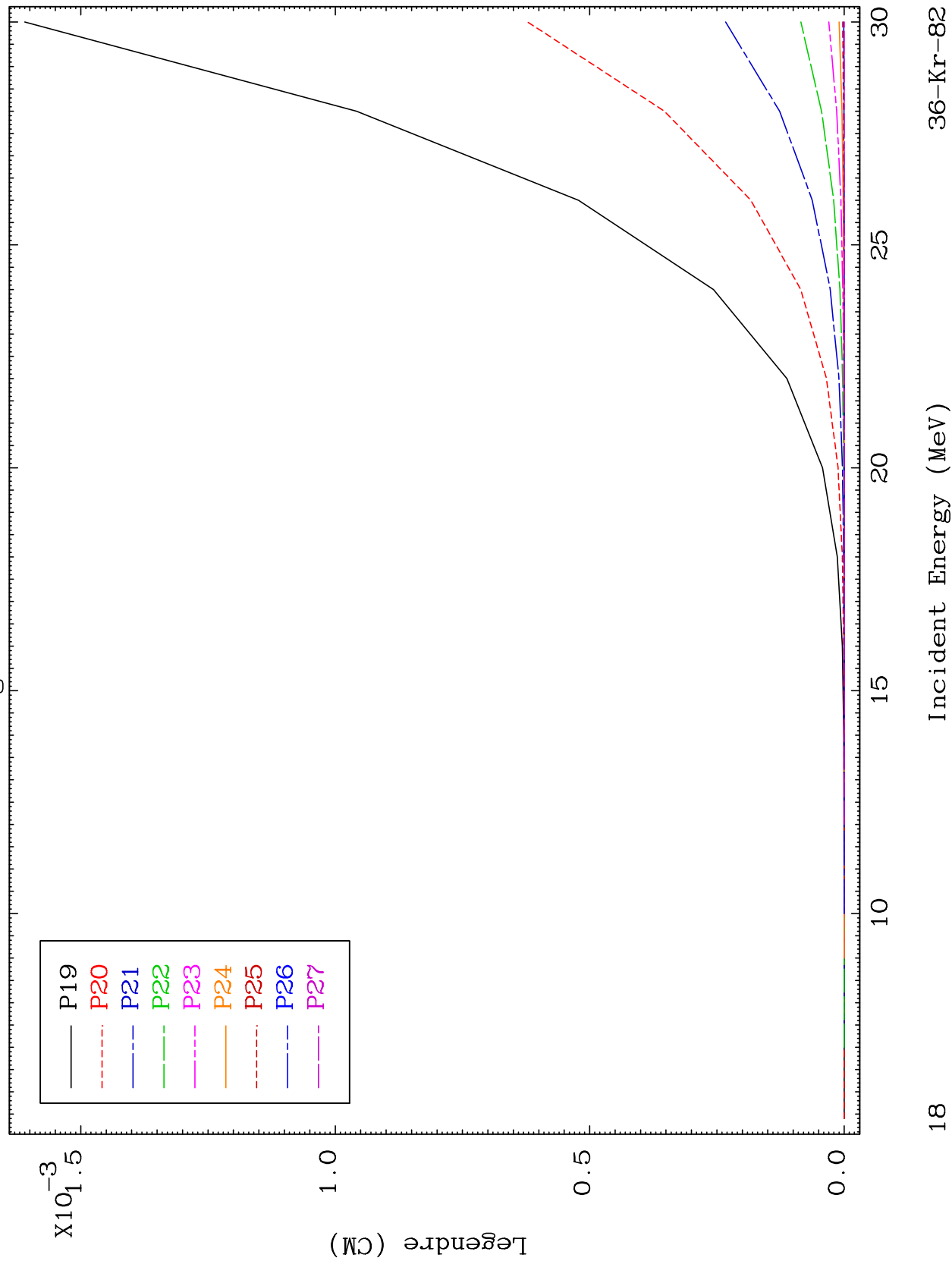
17

36-Kr-82

MAT 3637

Elastic Legendre Coefficients

36-Kr-82



18

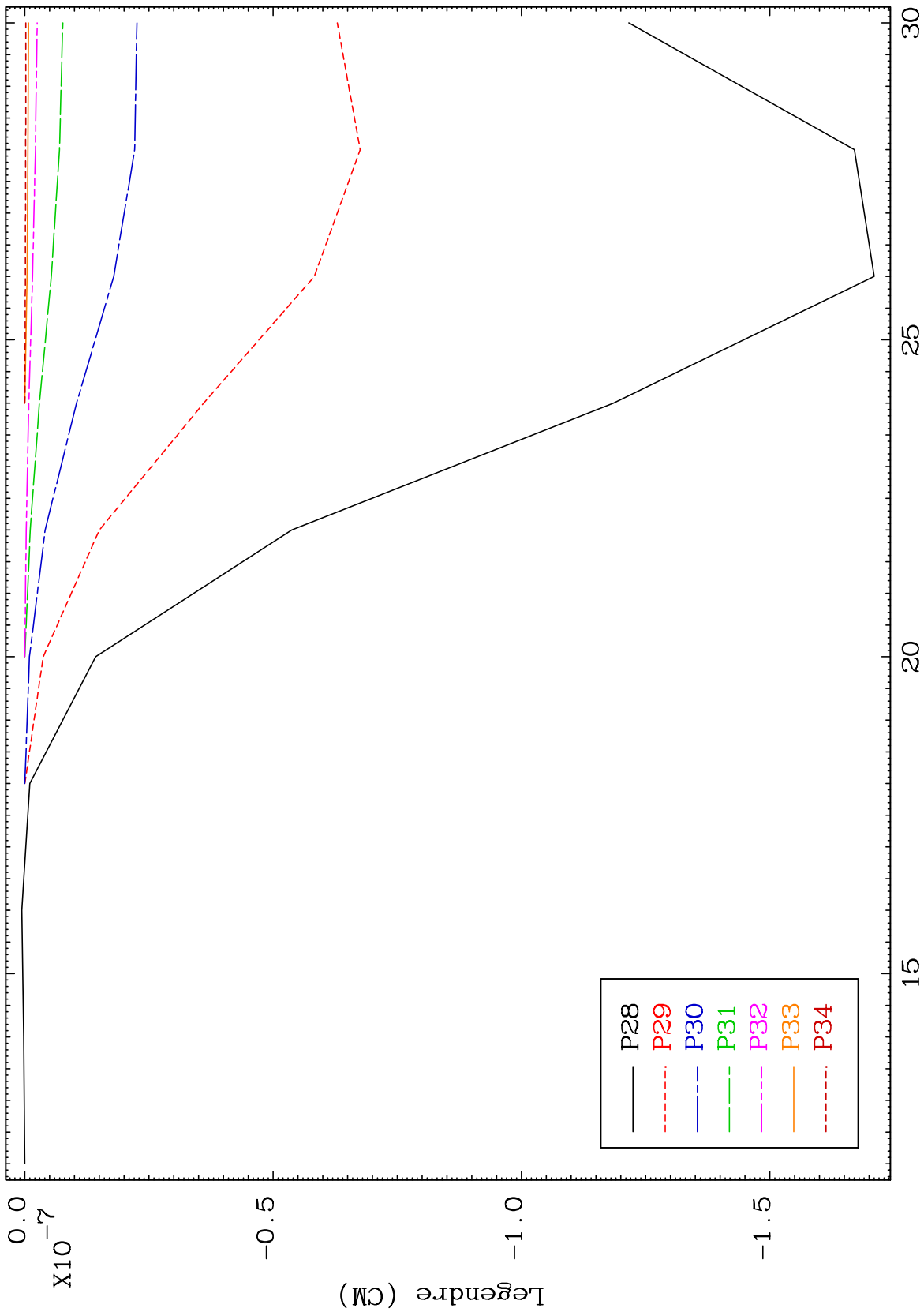
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

Elastic Legendre Coefficients



19

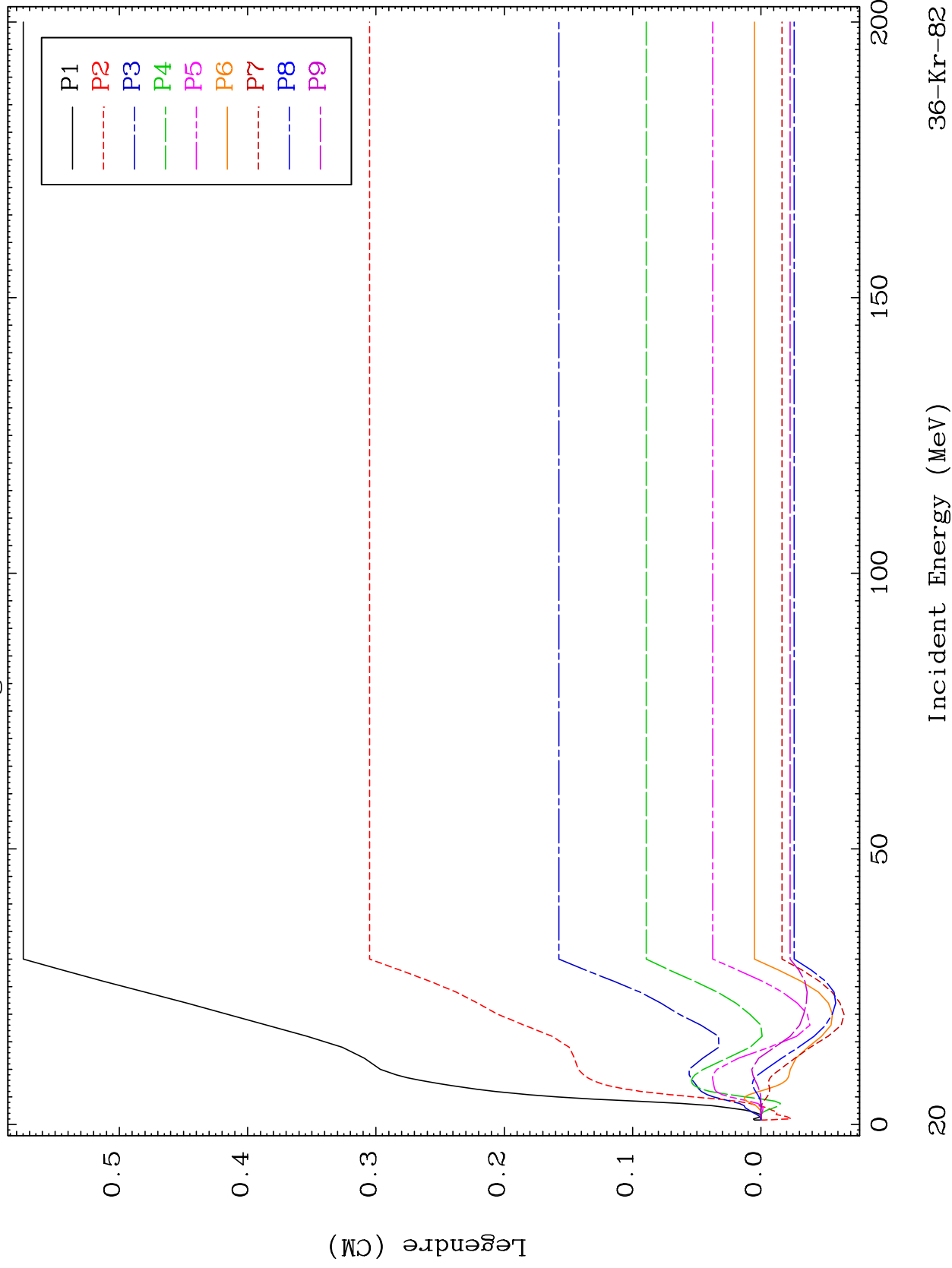
Incident Energy (MeV)

36-Kr-82

MAT 3637

776.5 keV (n,n') Level
Legendre Coefficients

36-Kr-82

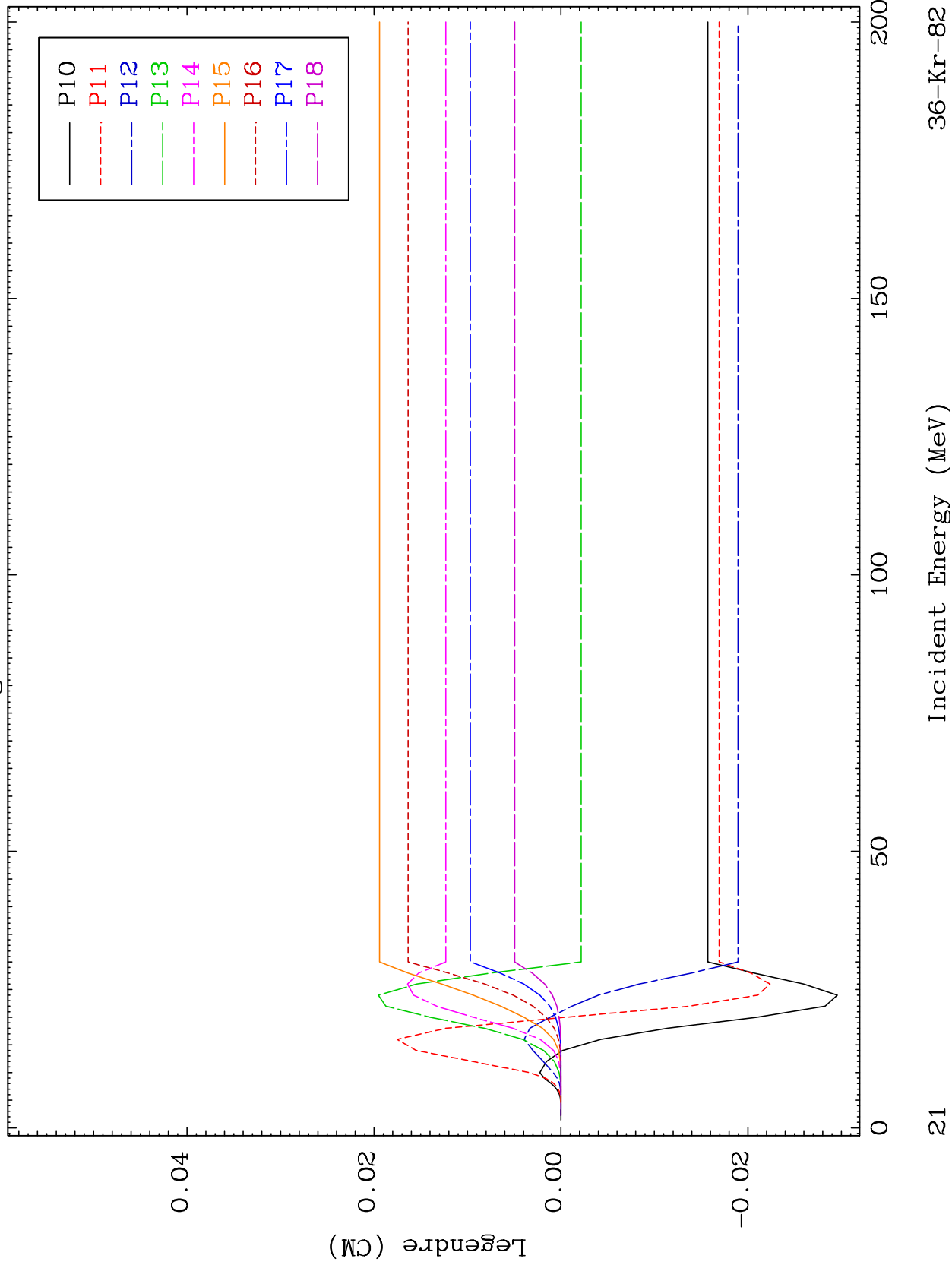


36-Kr-82

MAT 3637

776.5 keV (n,n') Level
Legendre Coefficients

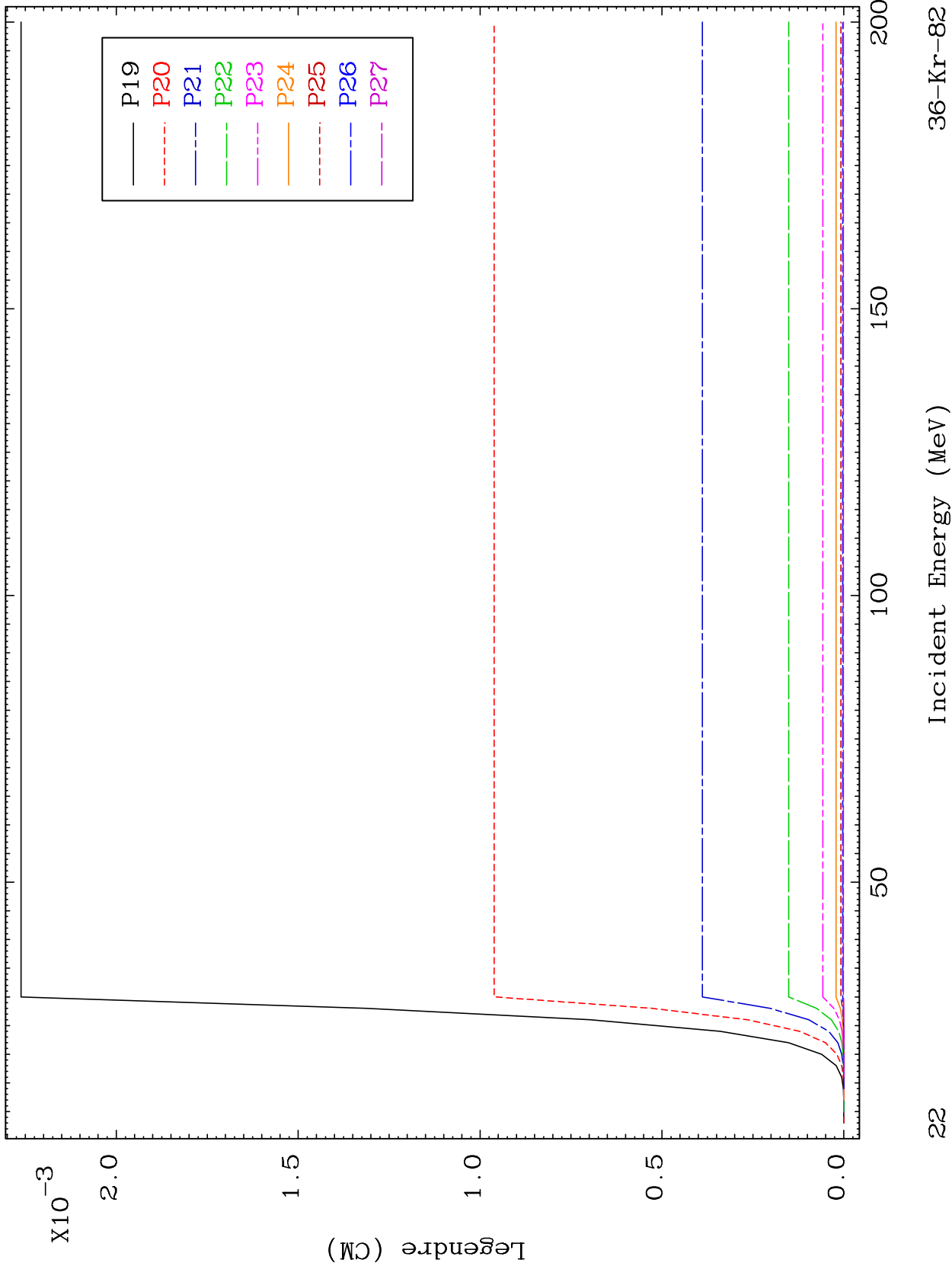
36-Kr-82



21

Incident Energy (MeV)

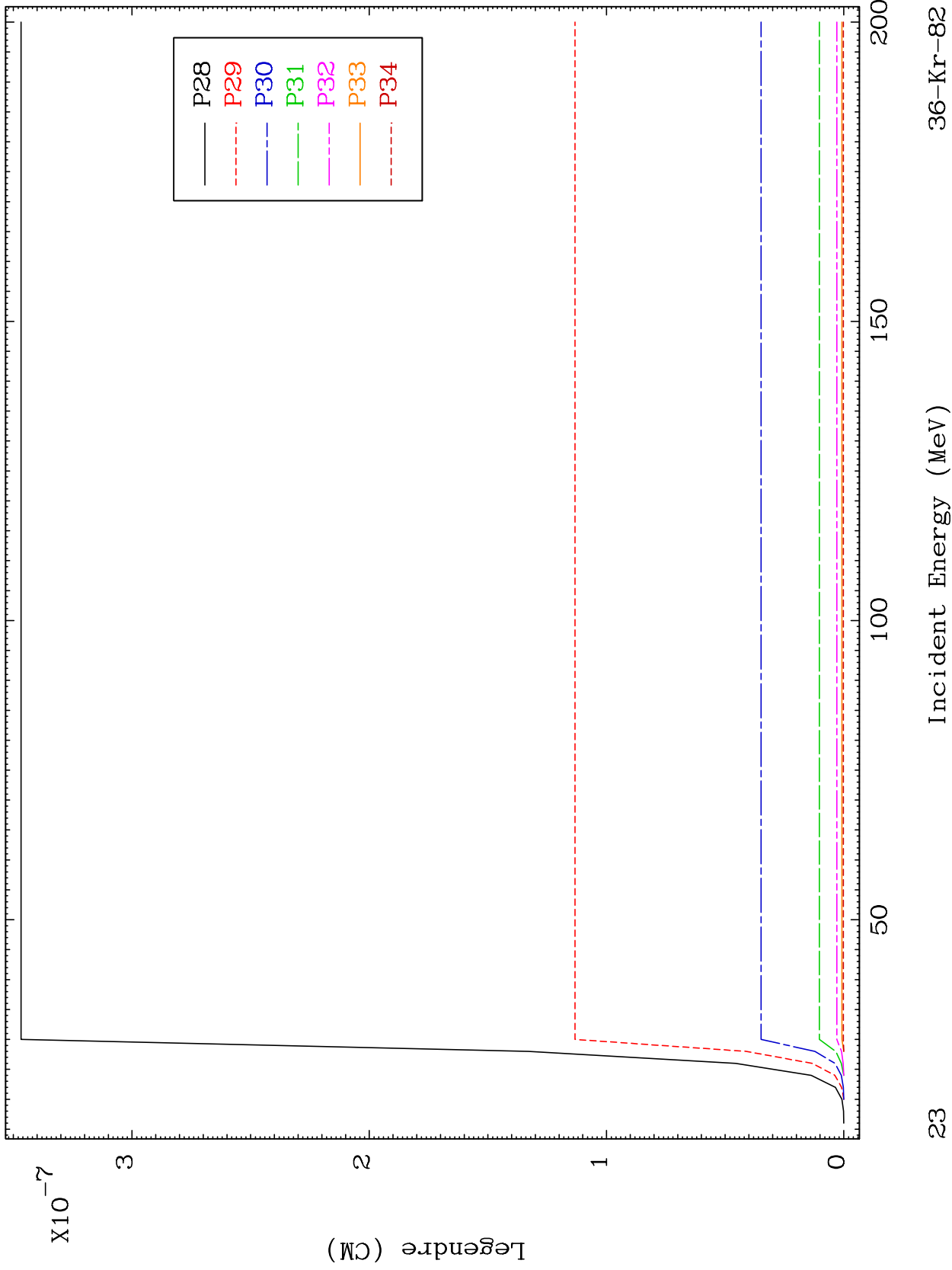
36-Kr-82



MAT 3637

776.5 keV (n,n') Level
Legendre Coefficients

36-Kr-82

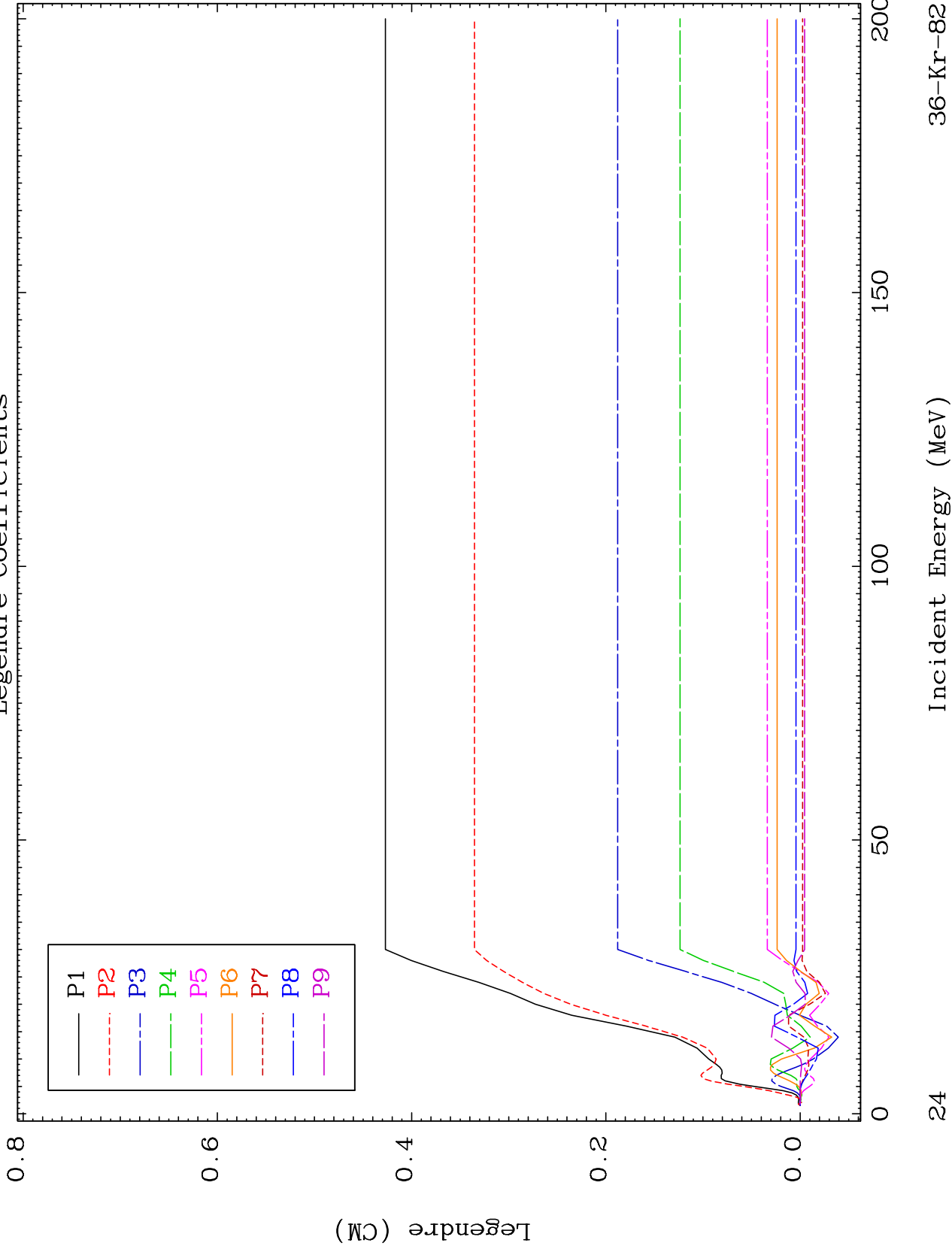


23

MAT 3637

1.475 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



24

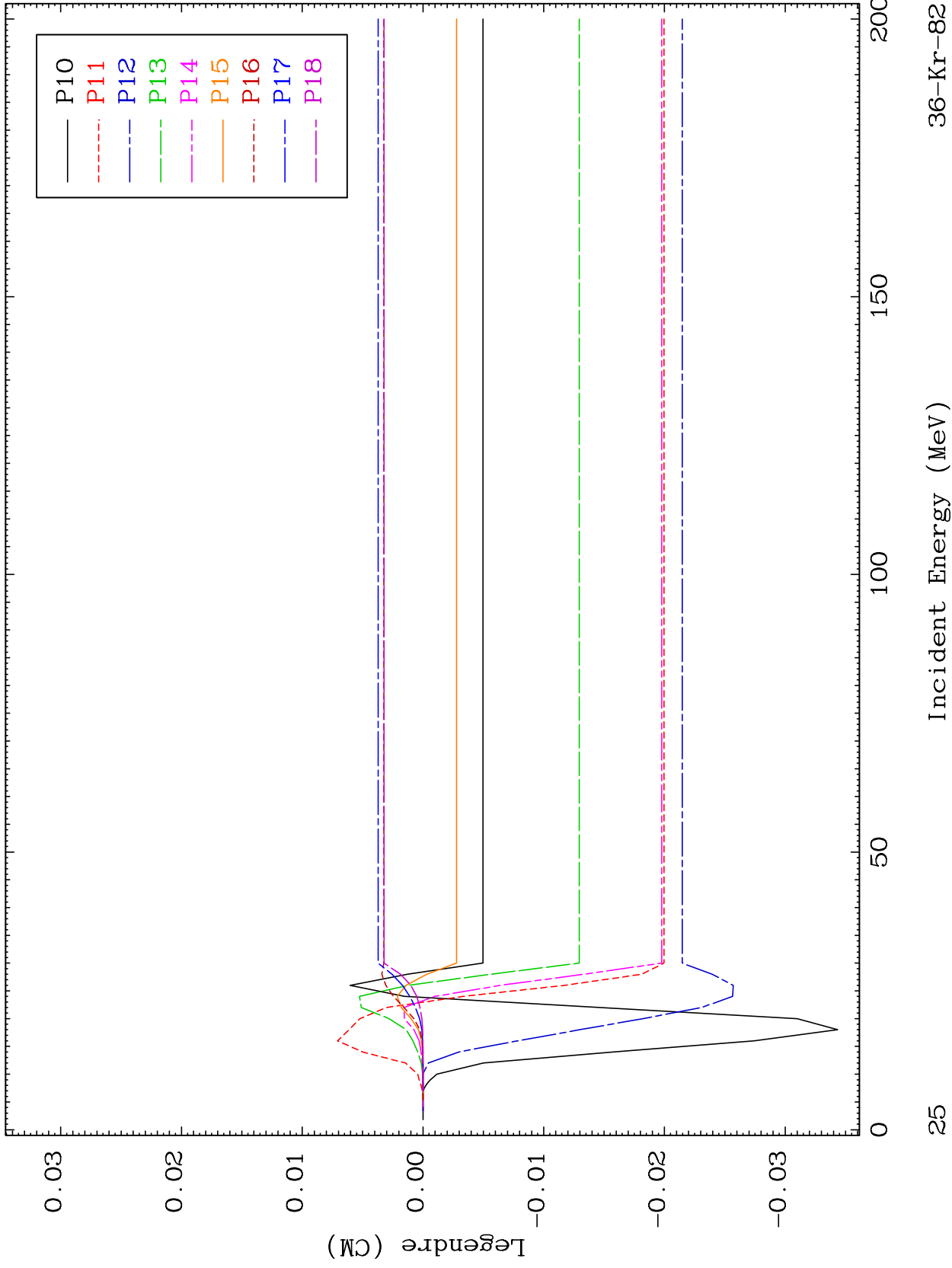
Incident Energy (MeV)

36-Kr-82

MAT 3637

1.475 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



36-Kr-82

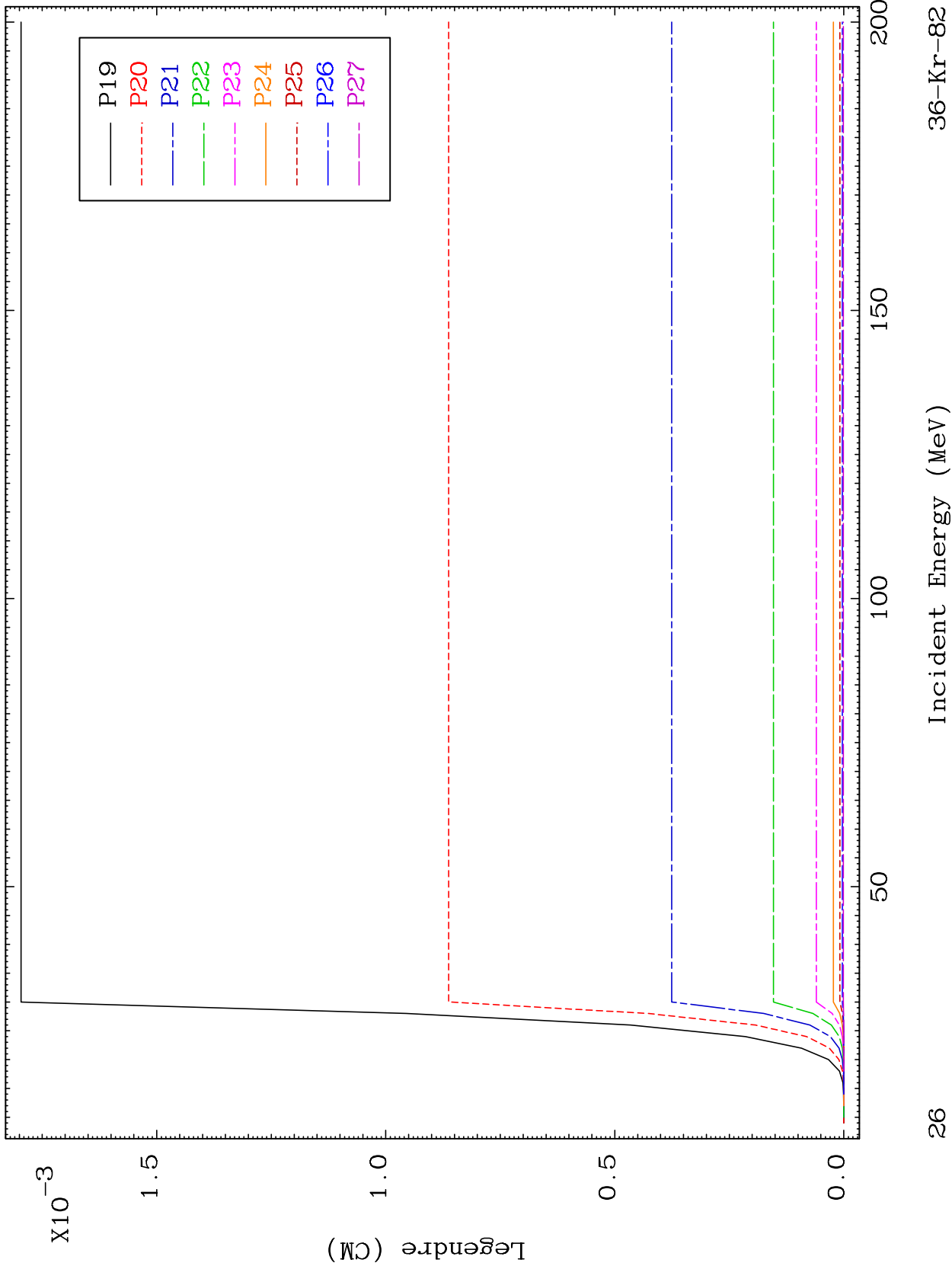
Incident Energy (MeV)

25

MAT 3637

1.475 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



26

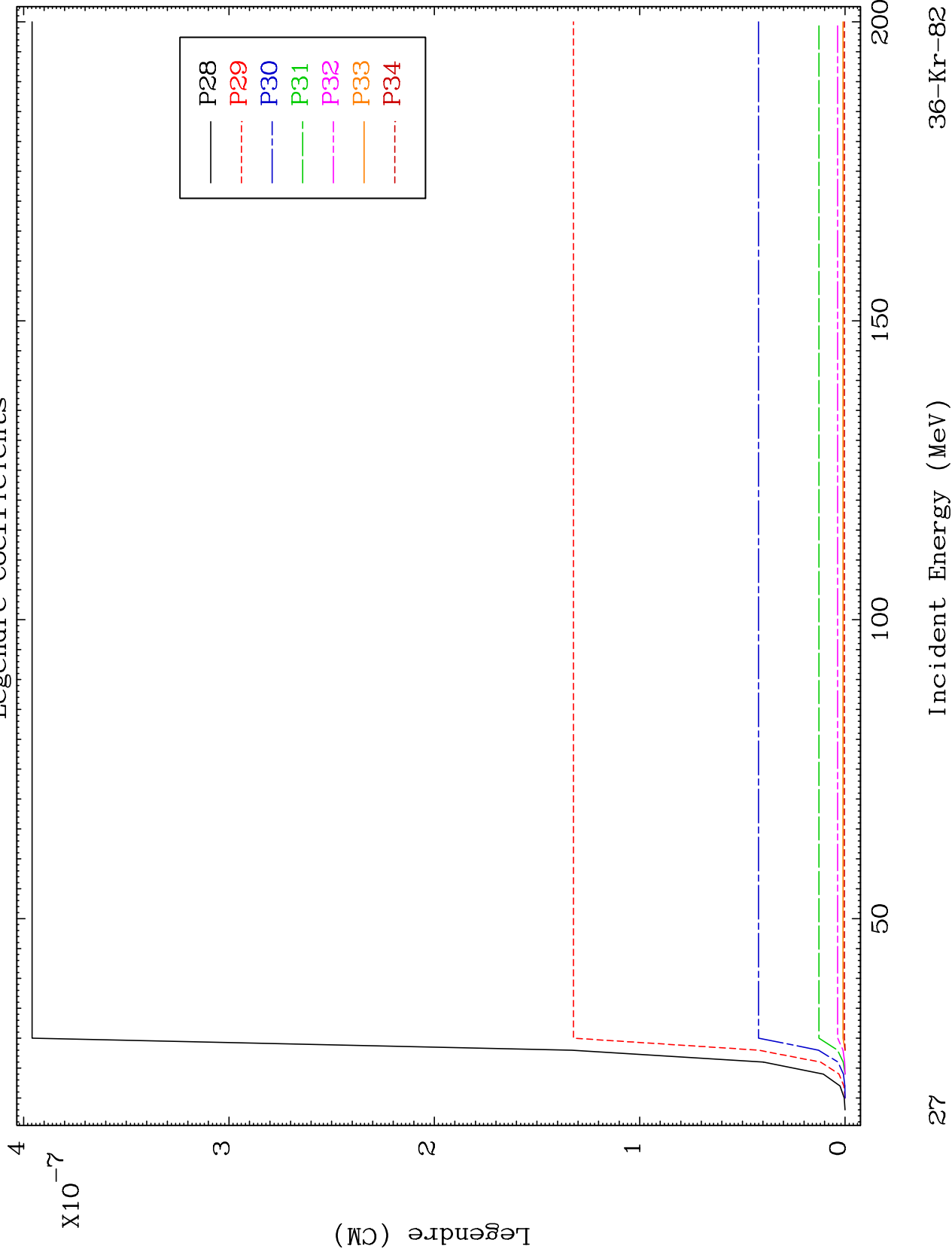
Incident Energy (MeV)

36-Kr-82

MAT 3637

1.475 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



27

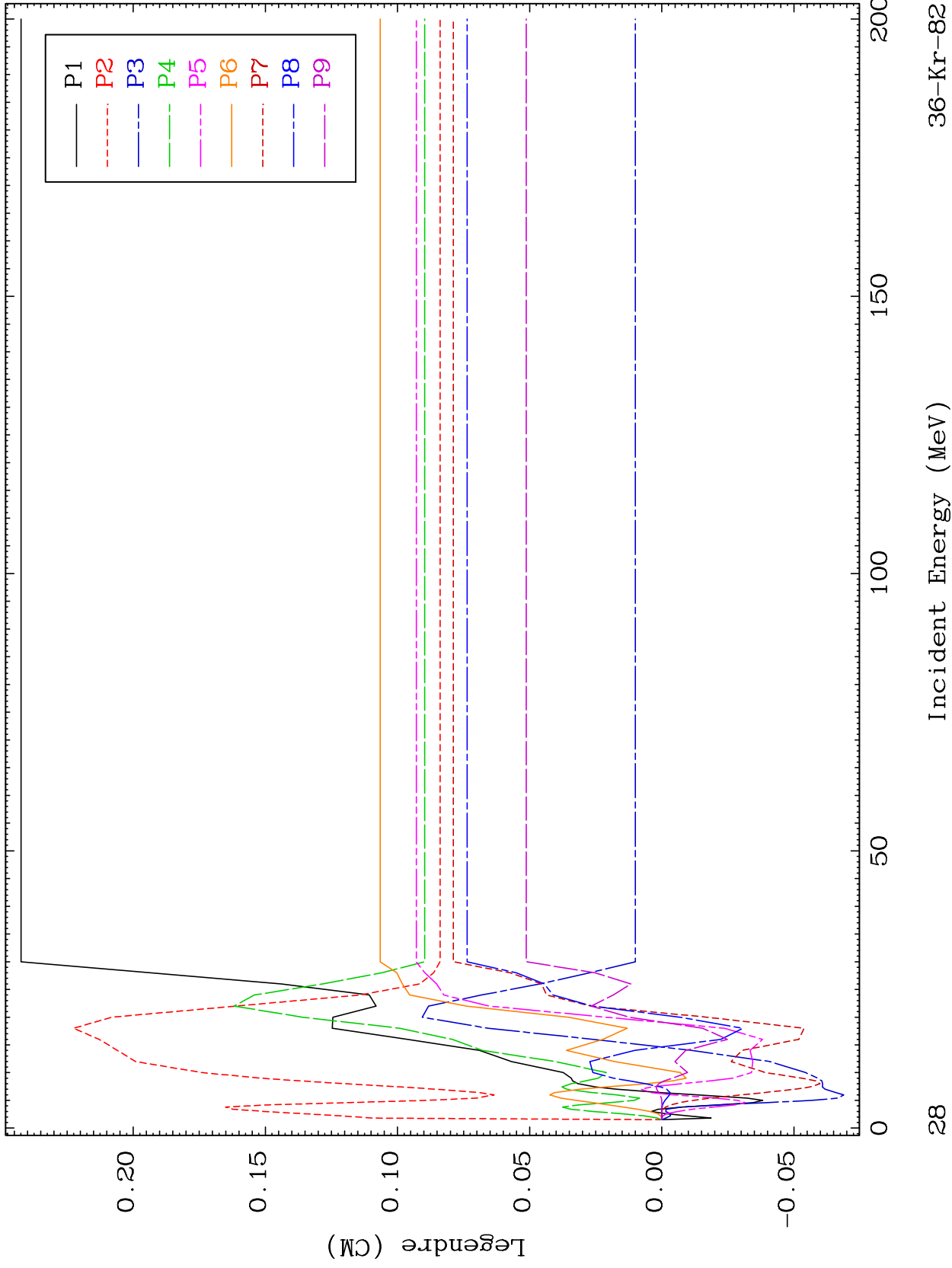
Incident Energy (MeV)

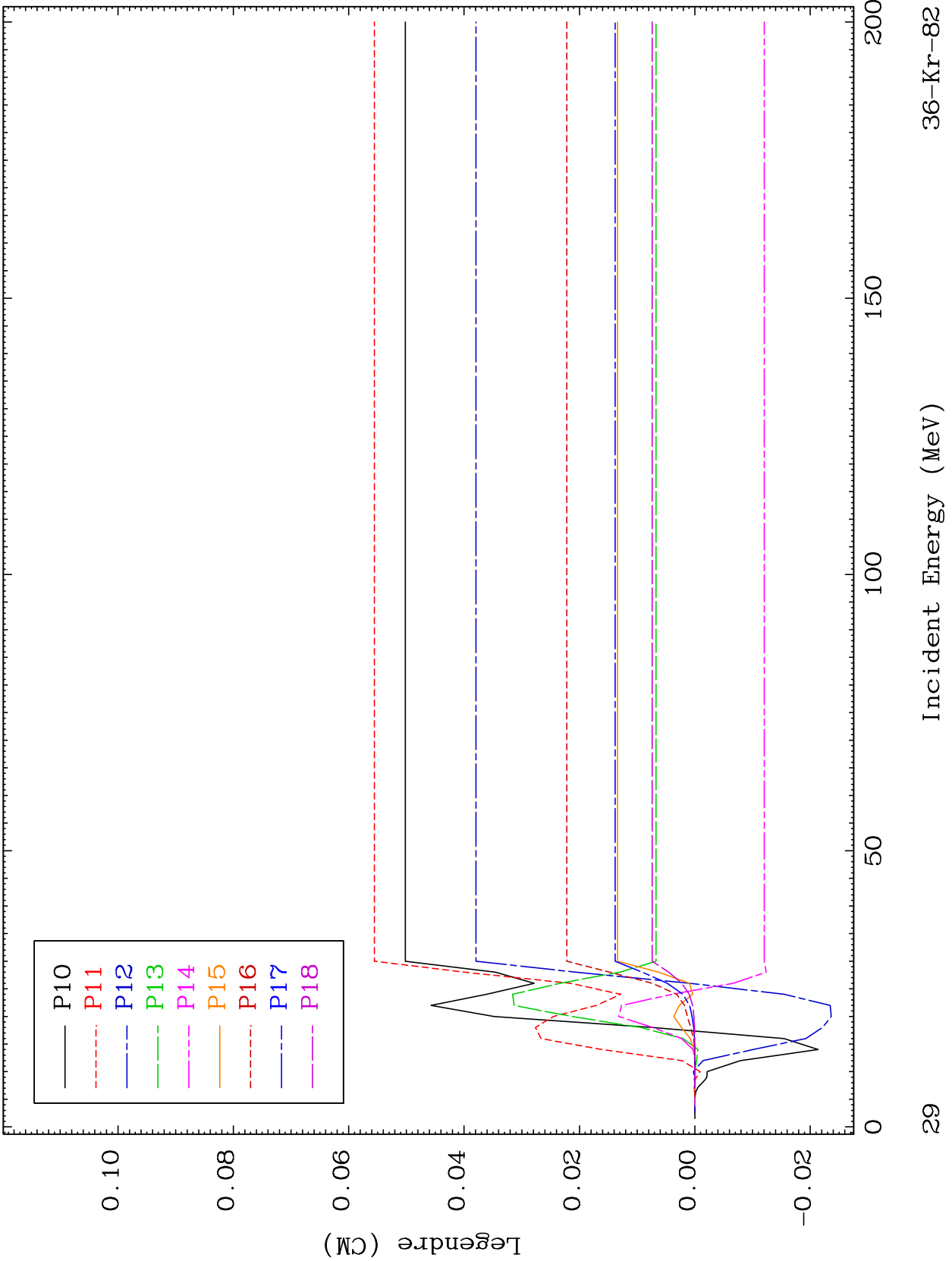
36-Kr-82

MAT 3637

1.488 MeV (n,n') Level
Legendre Coefficients

36-Kr-82

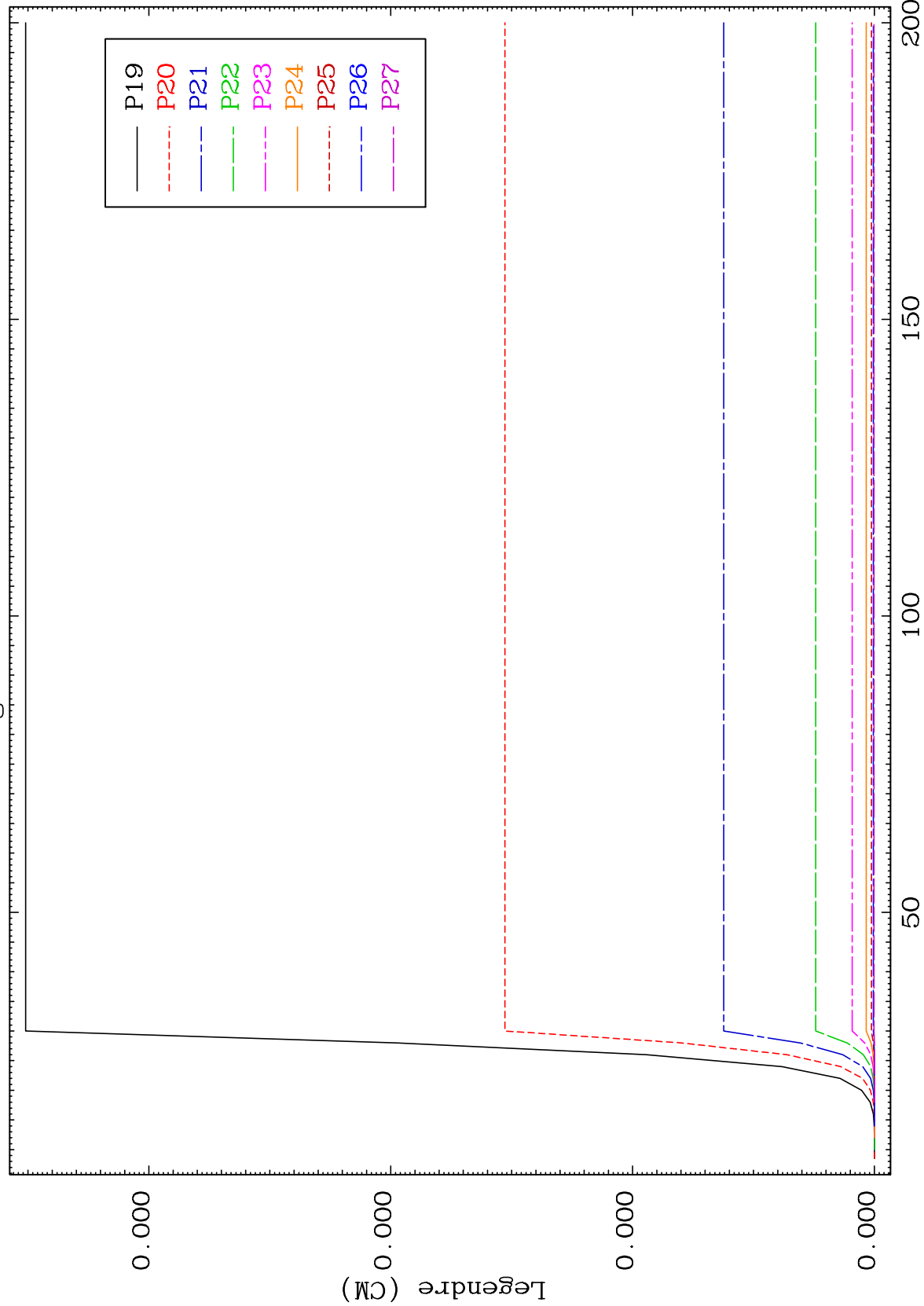




MAT 3637

1.488 MeV (n,n') Level
Legendre Coefficients

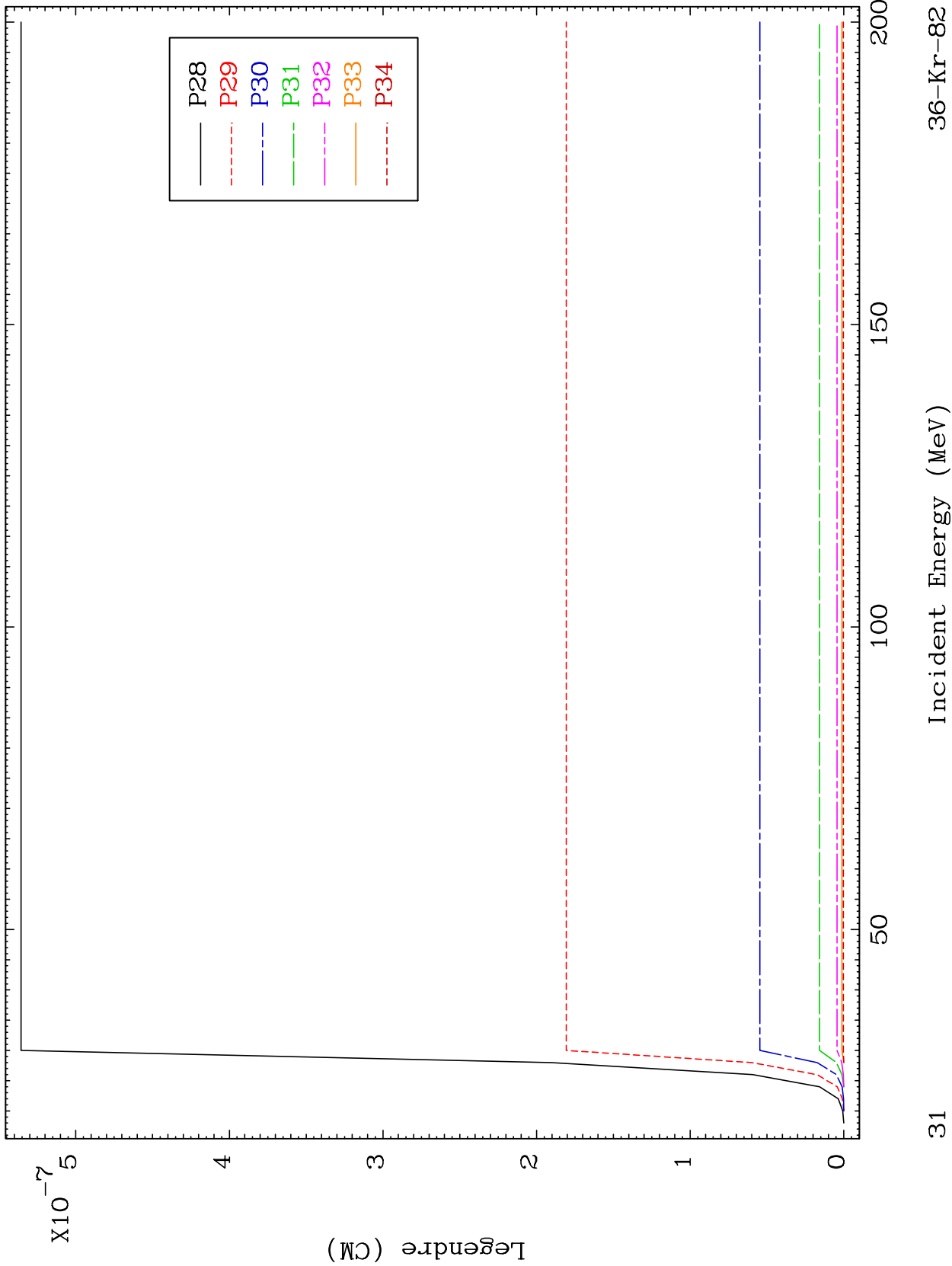
36-Kr-82



30

Incident Energy (MeV)

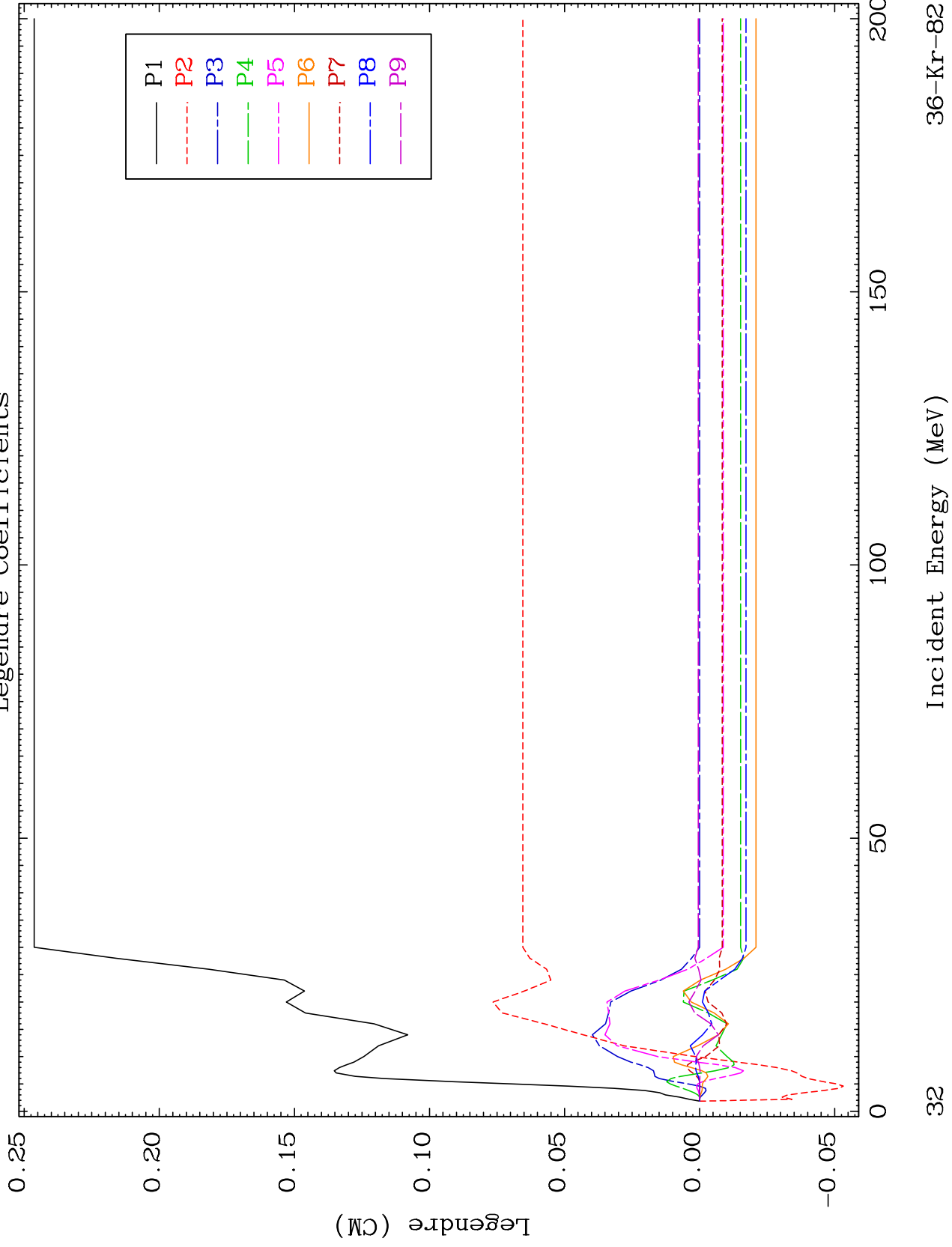
36-Kr-82



MAT 3637

1.821 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



36-Kr-82

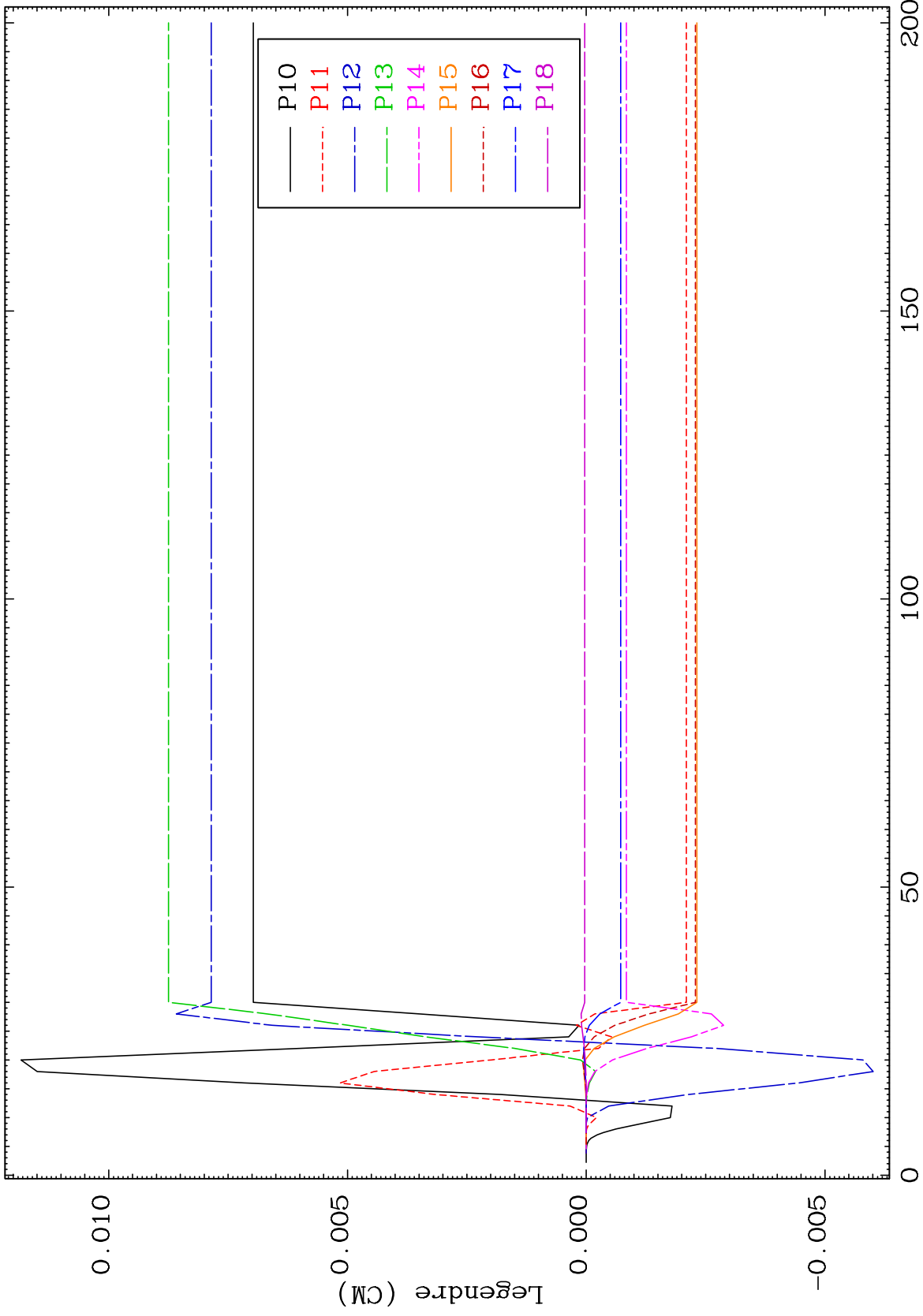
Incident Energy (MeV)

32

MAT 3637

1.821 MeV (n,n') Level
Legendre Coefficients

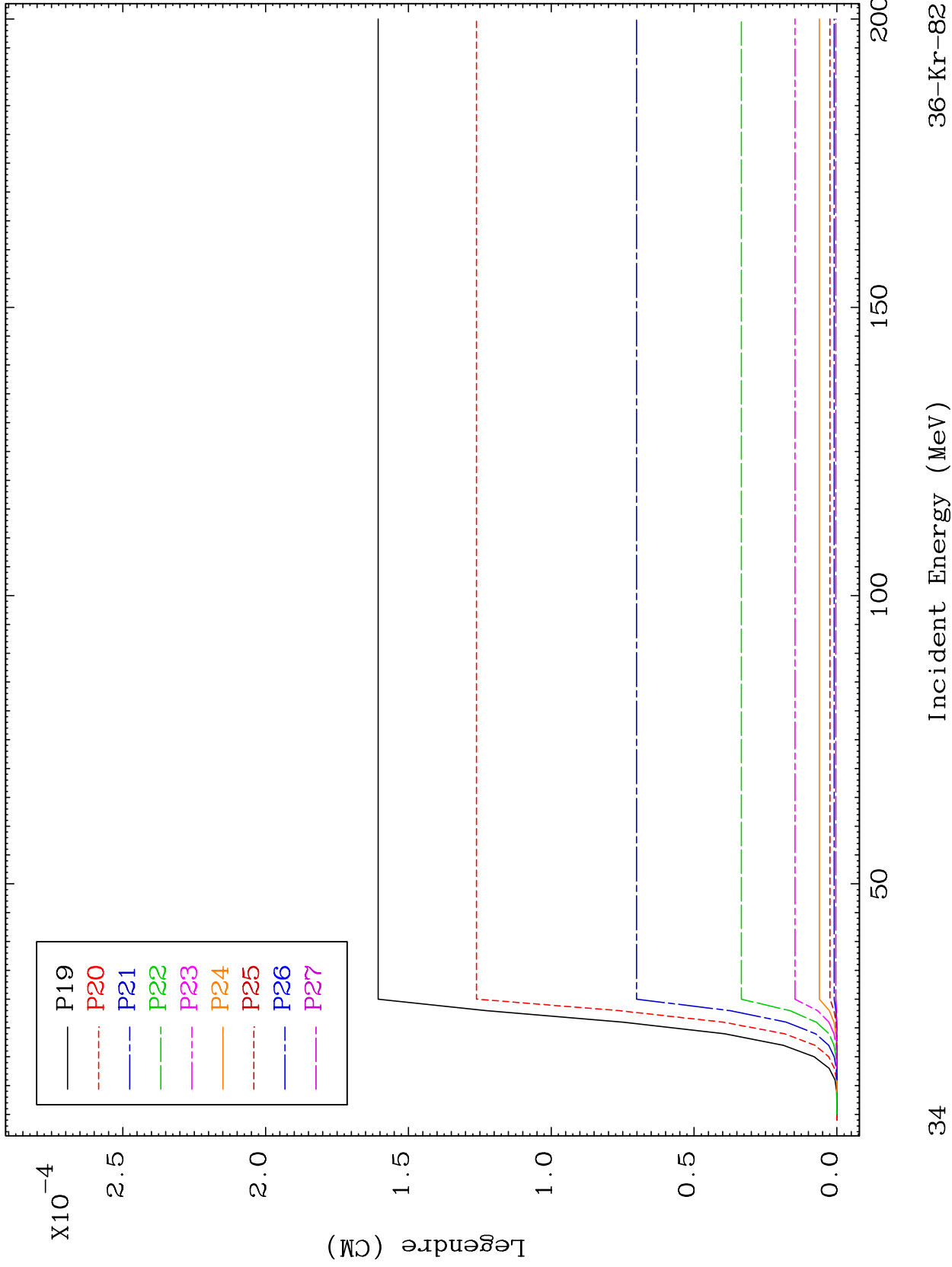
36-Kr-82



33

Incident Energy (MeV)

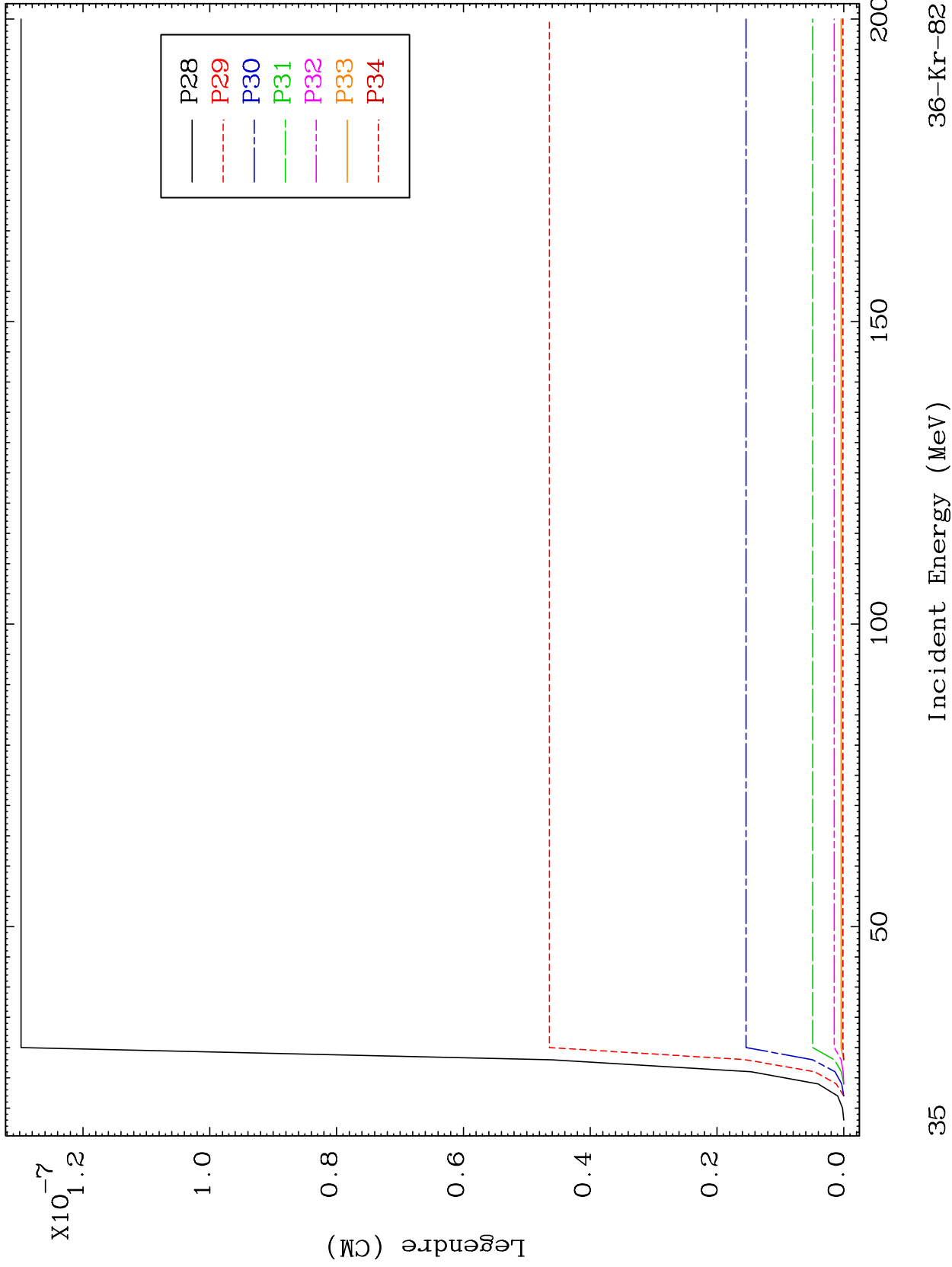
36-Kr-82



MAT 3637

1.821 MeV (n,n') Level
Legendre Coefficients

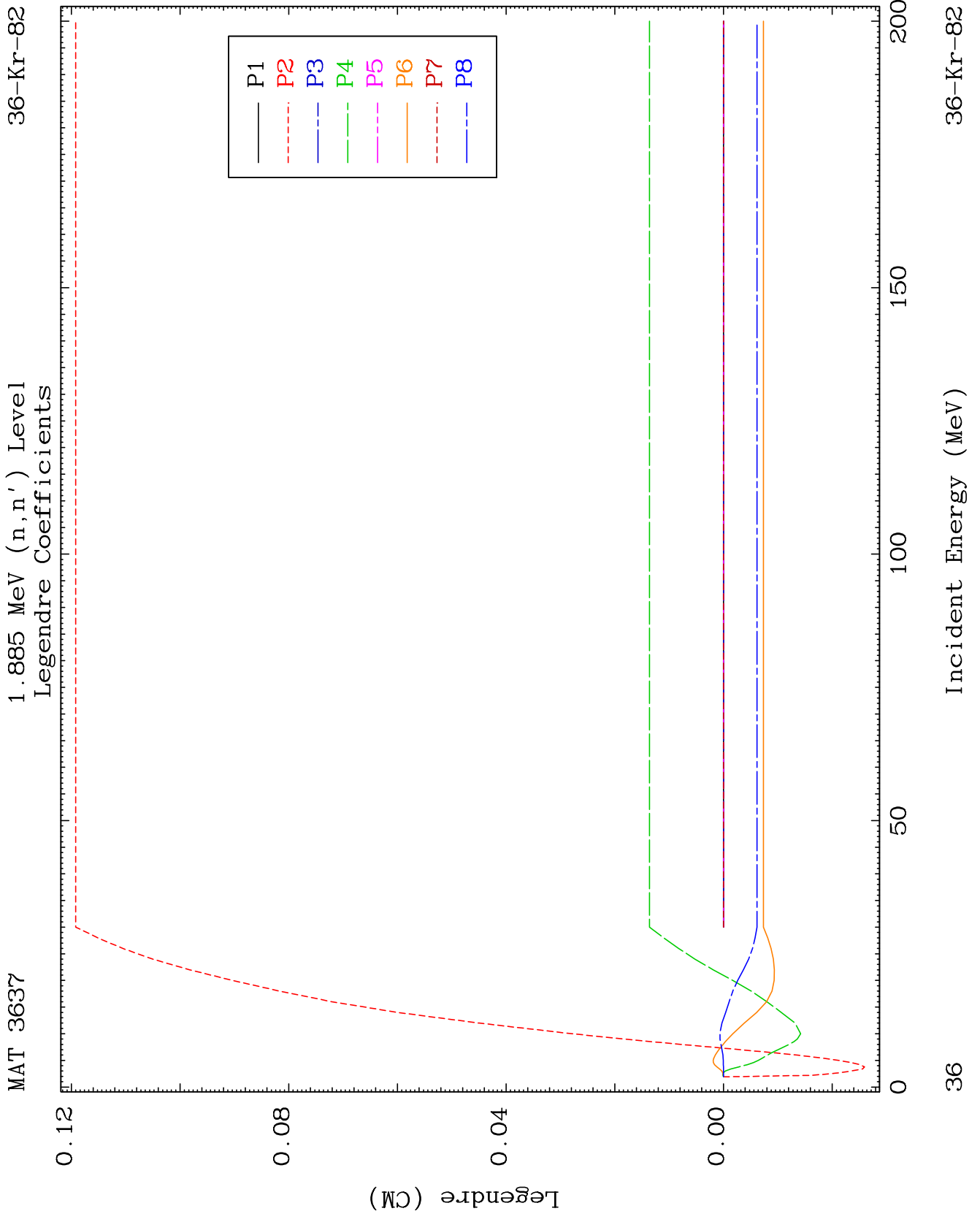
36-Kr-82

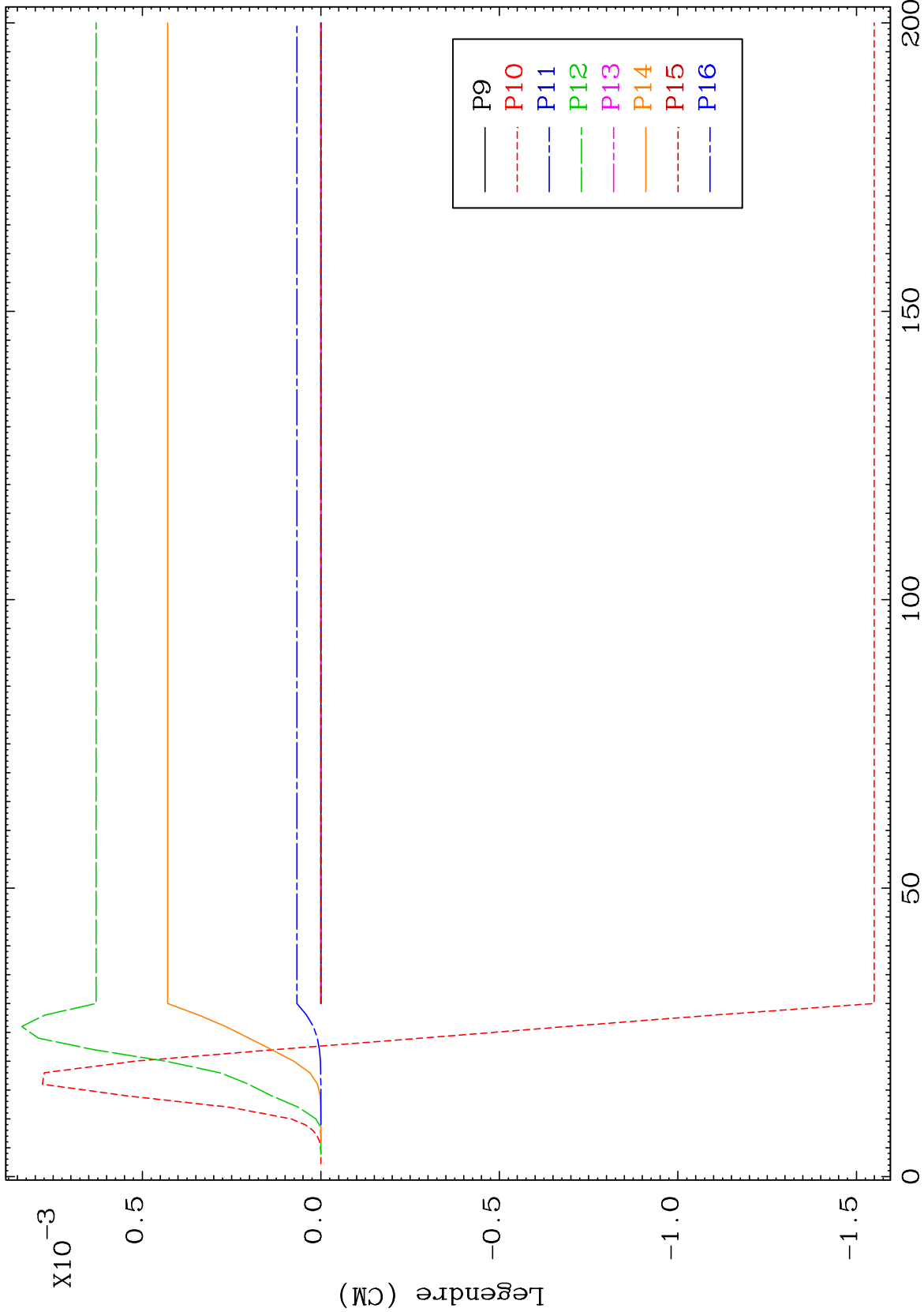


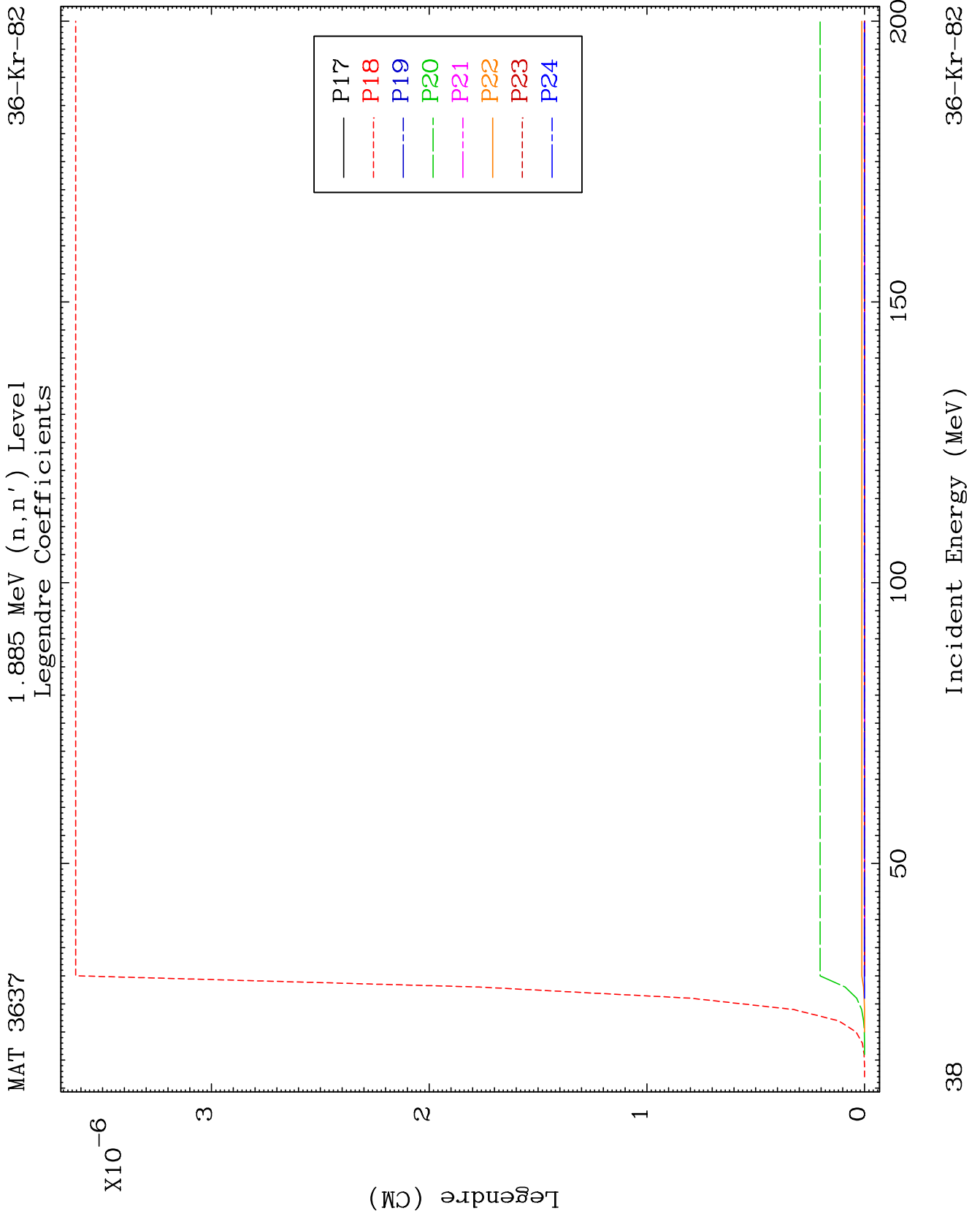
36-Kr-82

Incident Energy (MeV)

35



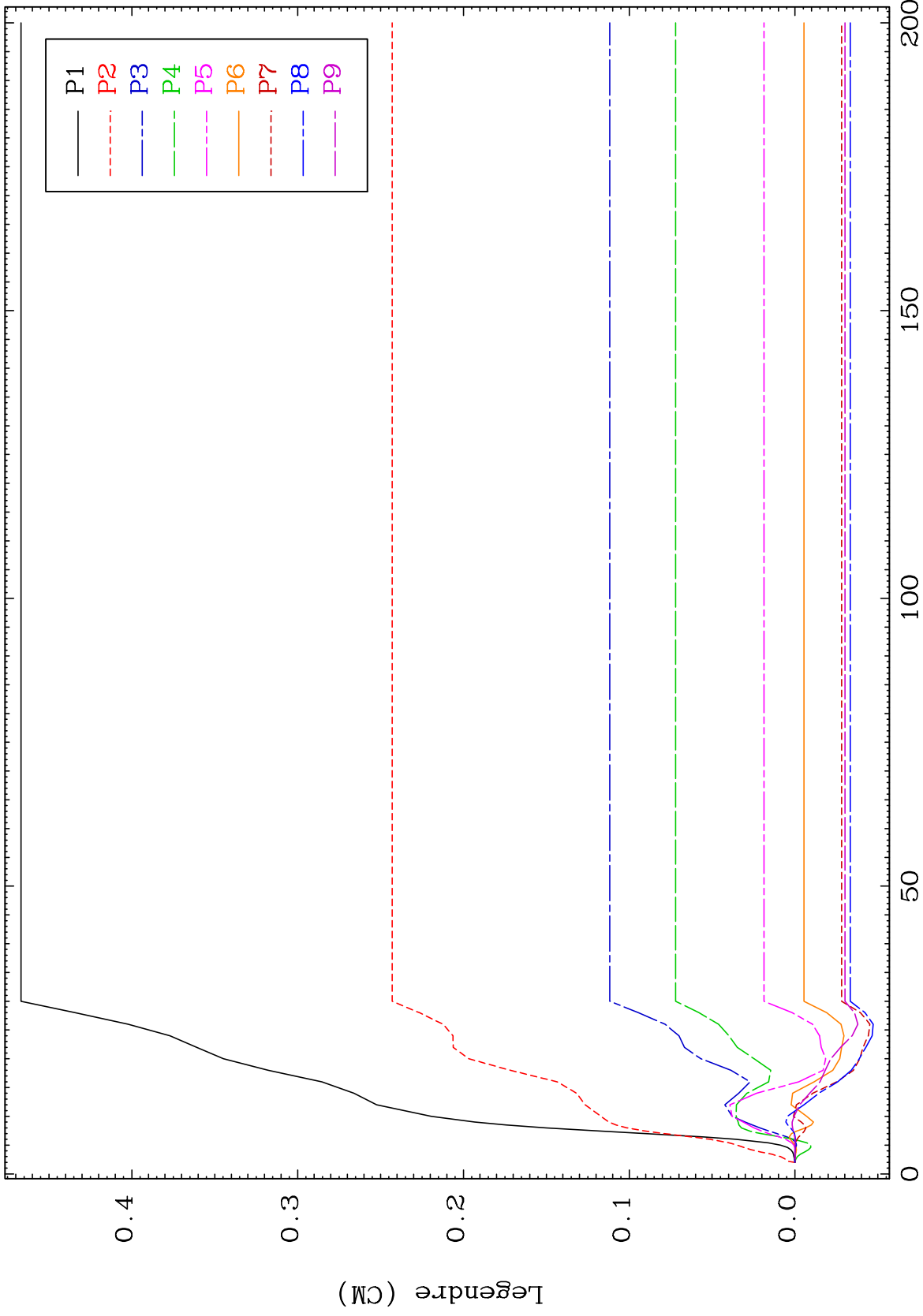




MAT 3637

1.957 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



39

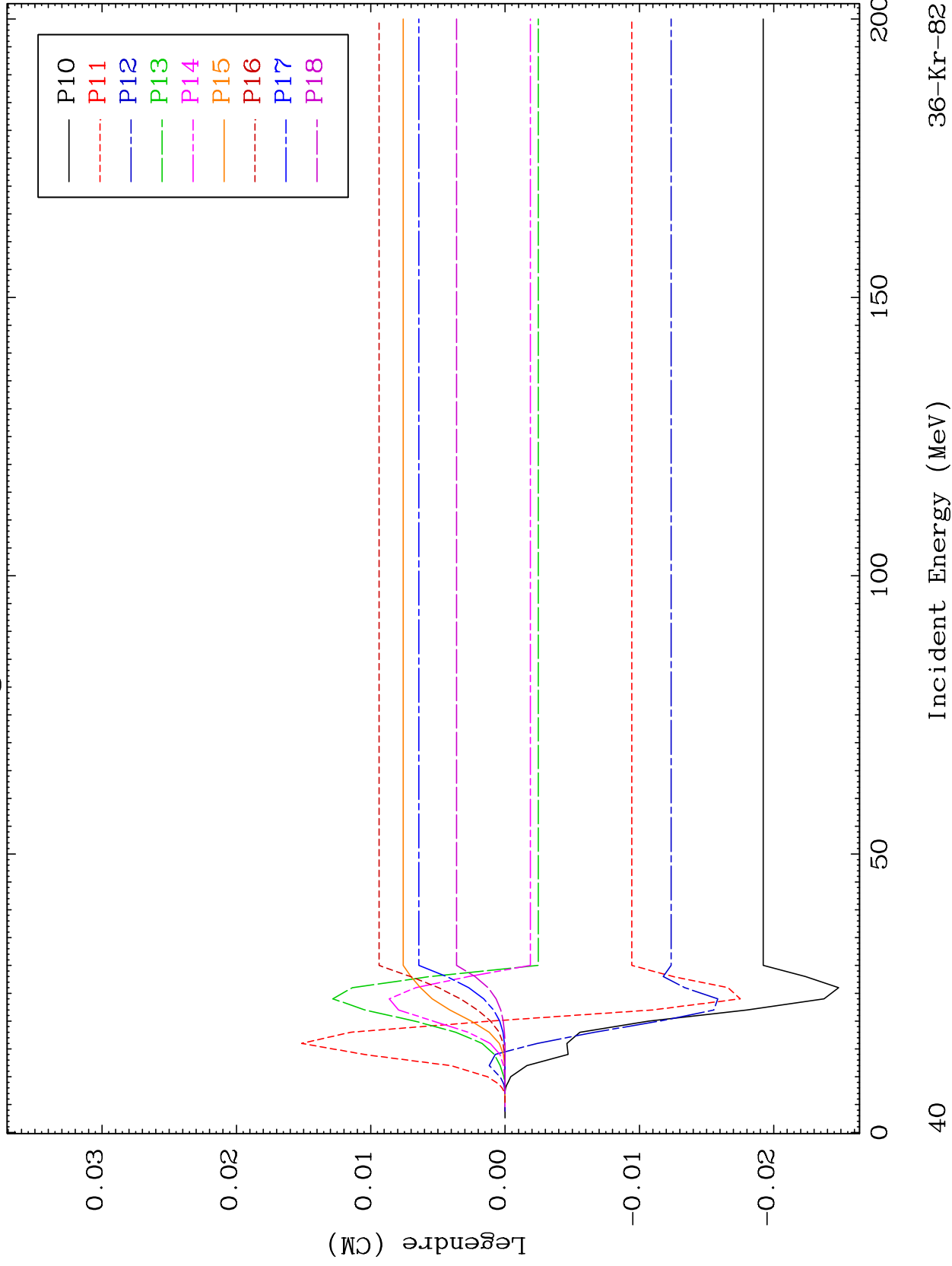
Incident Energy (MeV)

36-Kr-82

MAT 3637

1.957 MeV (n,n') Level
Legendre Coefficients

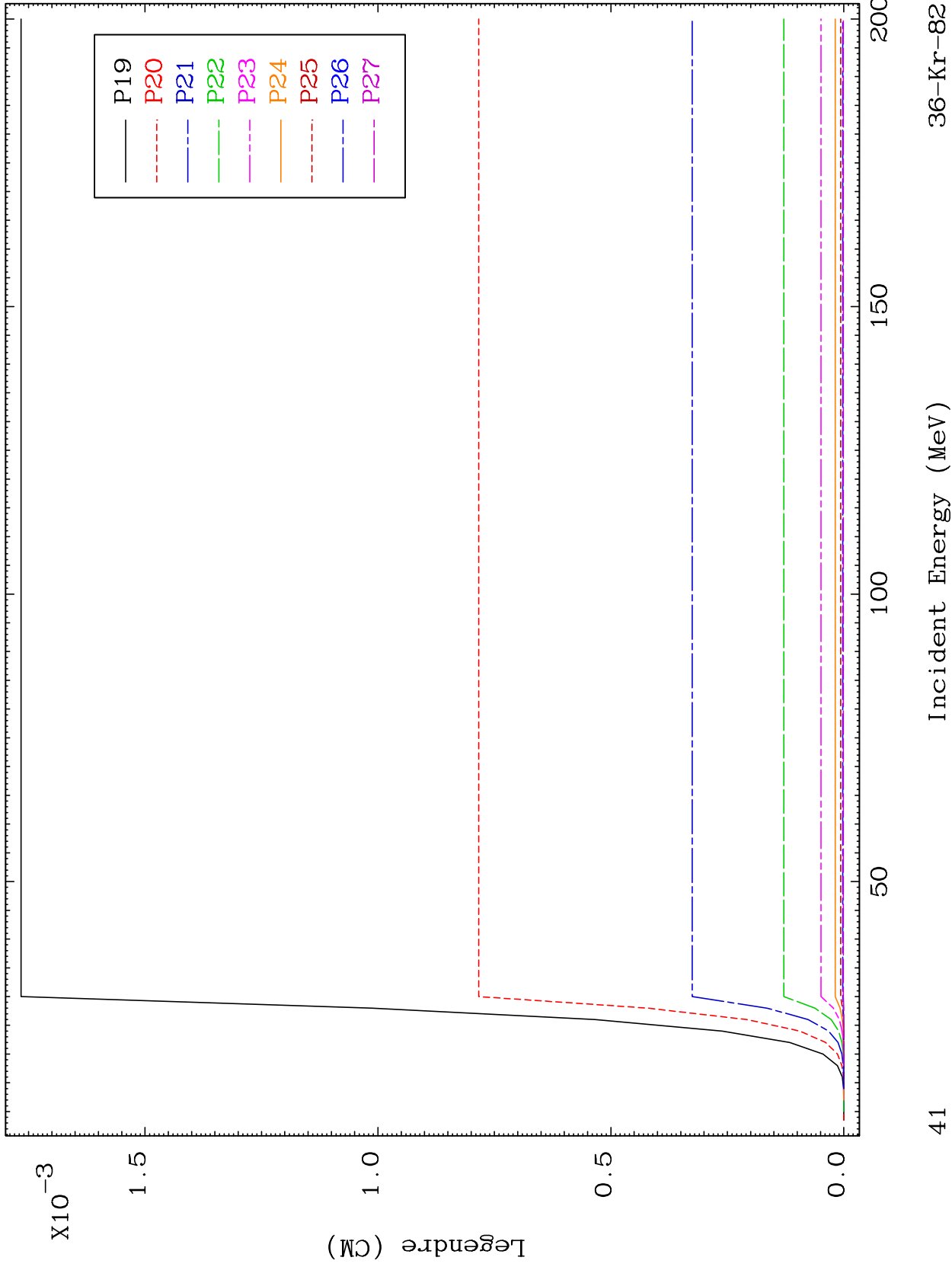
36-Kr-82



MAT 3637

1.957 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



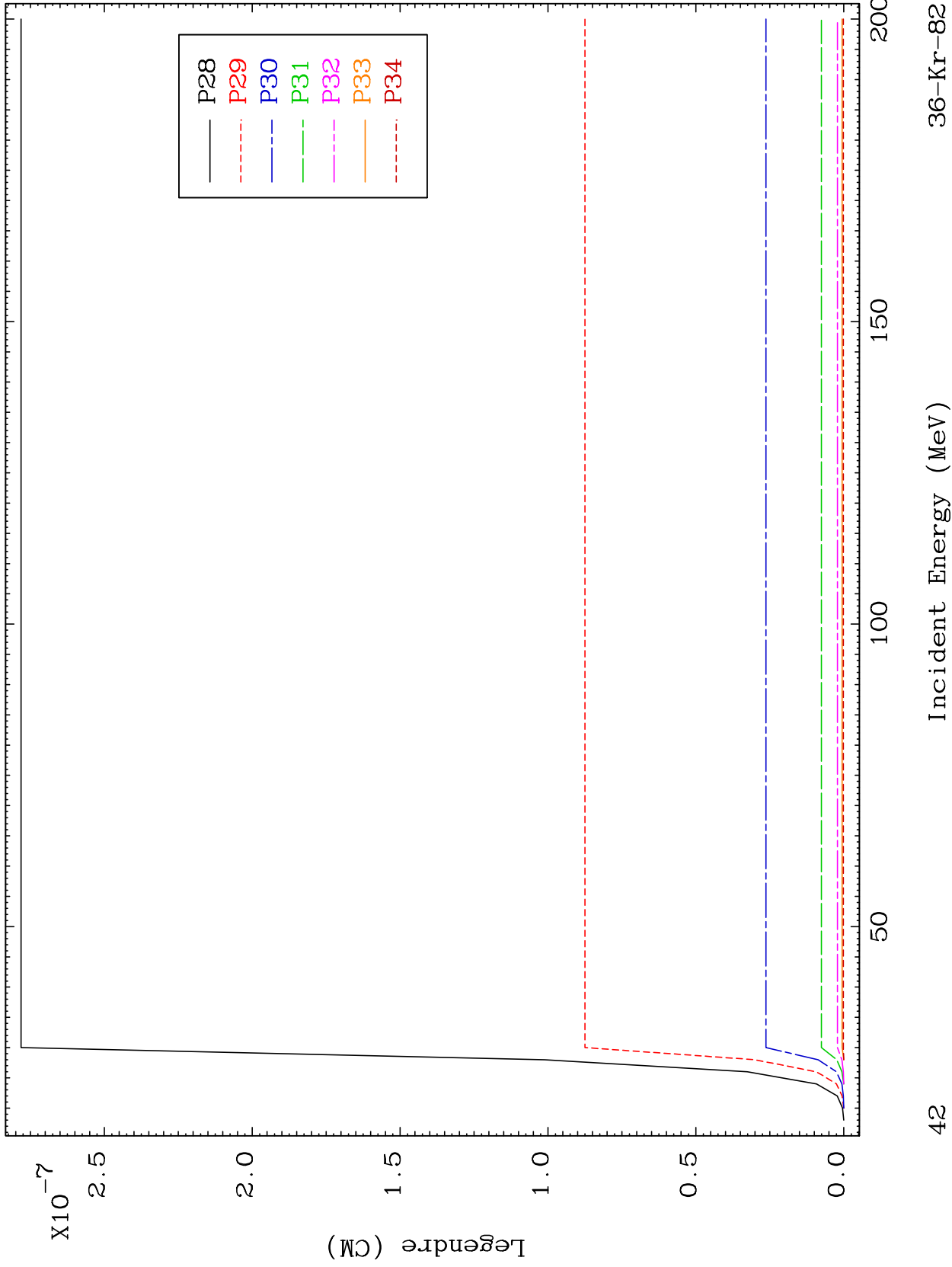
41

36-Kr-82

MAT 3637

1.957 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



42

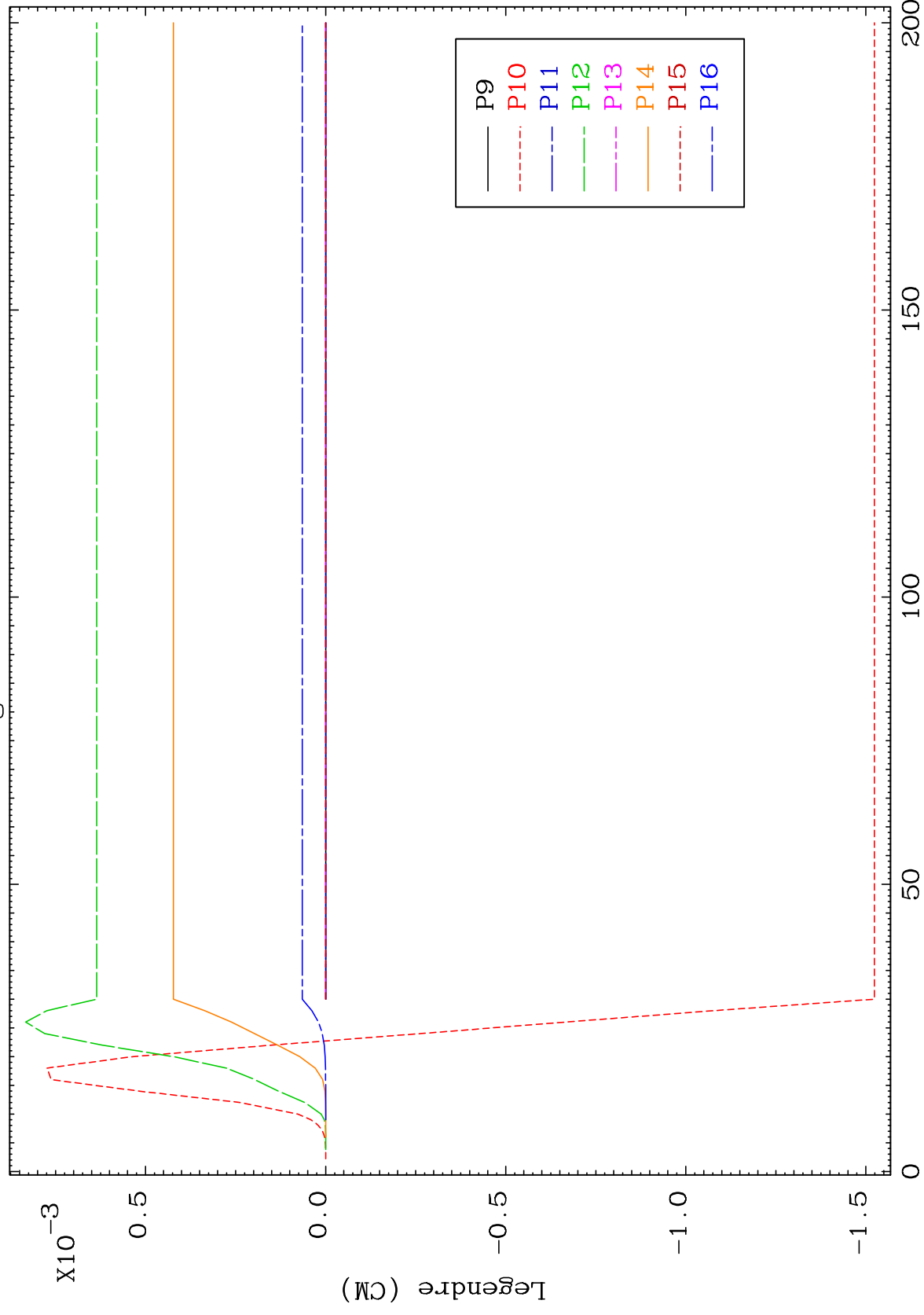
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.094 MeV (n,n') Level
Legendre Coefficients

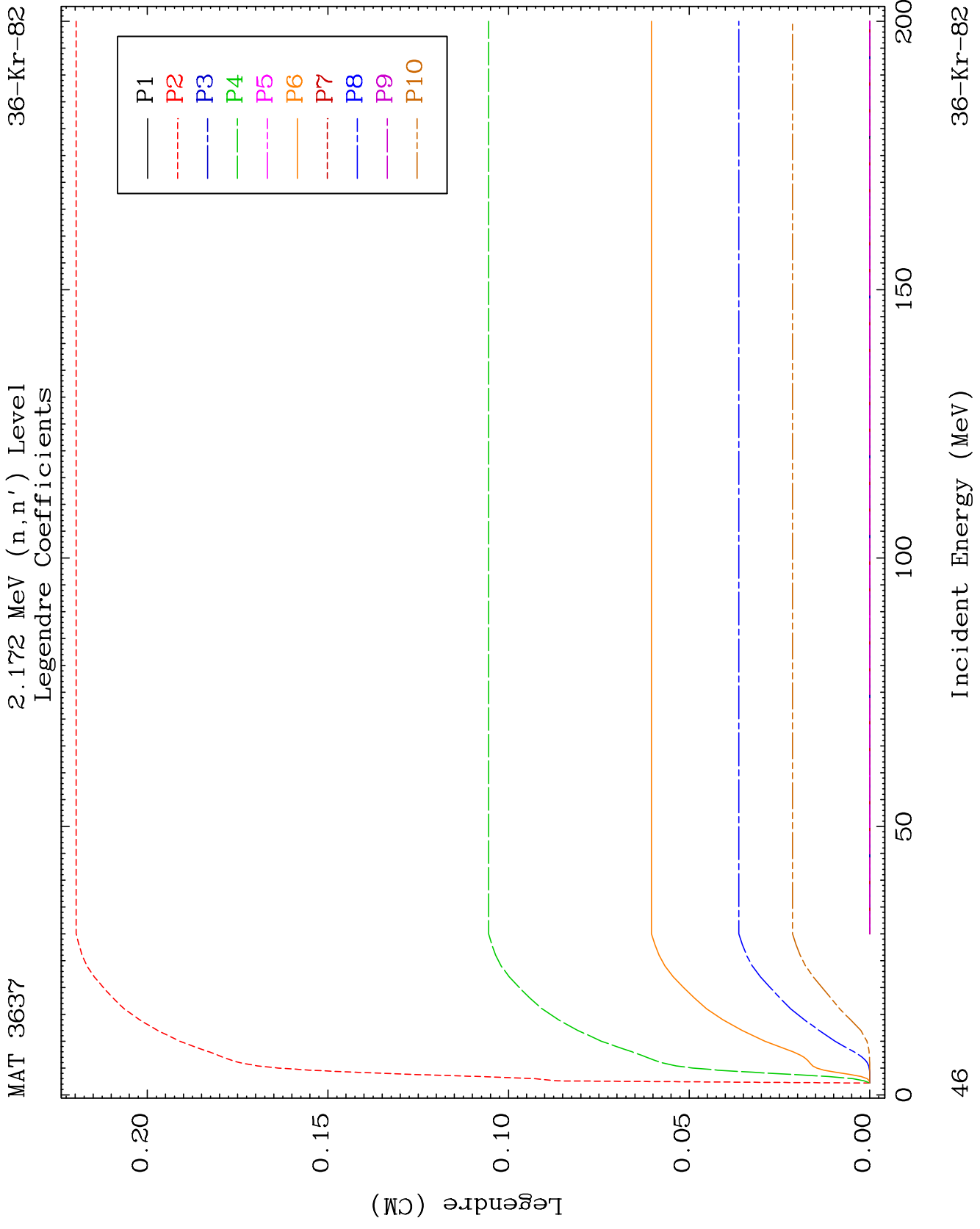
36-Kr-82



44

Incident Energy (MeV)

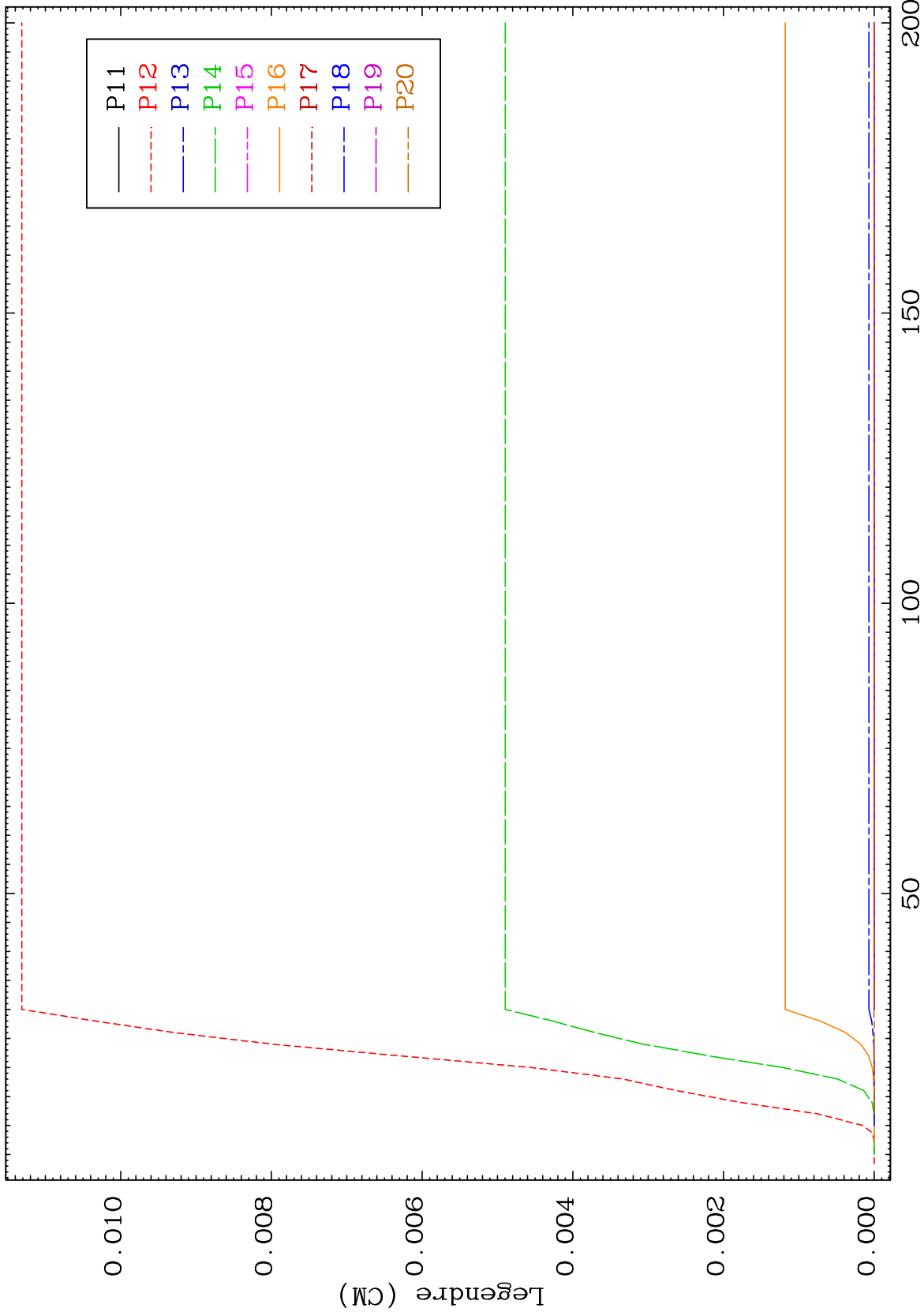
36-Kr-82



MAT 3637

2.172 MeV (n,n') Level
Legendre Coefficients

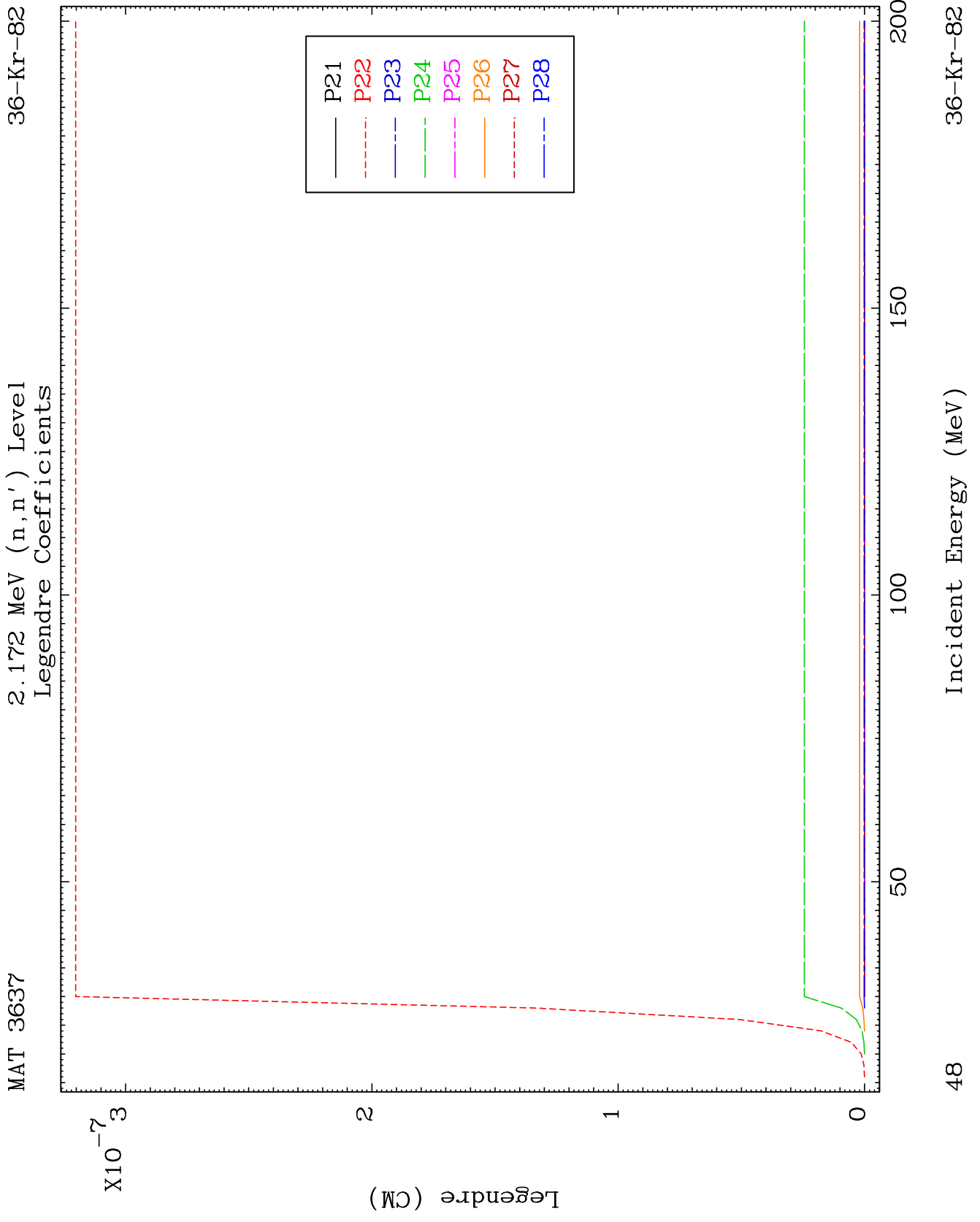
36-Kr-82



47

Incident Energy (MeV)

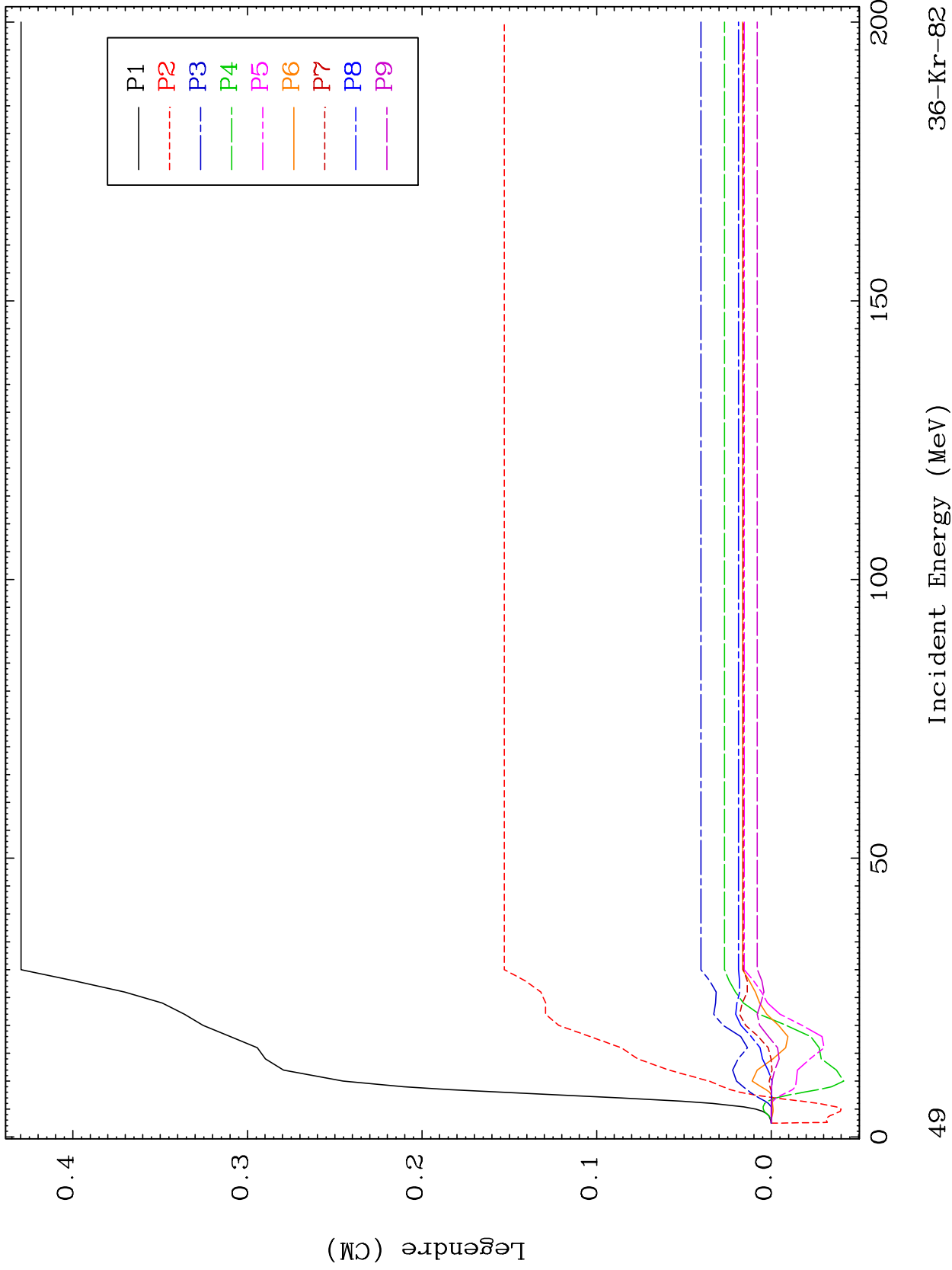
36-Kr-82



MAT 3637

2.427 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



49

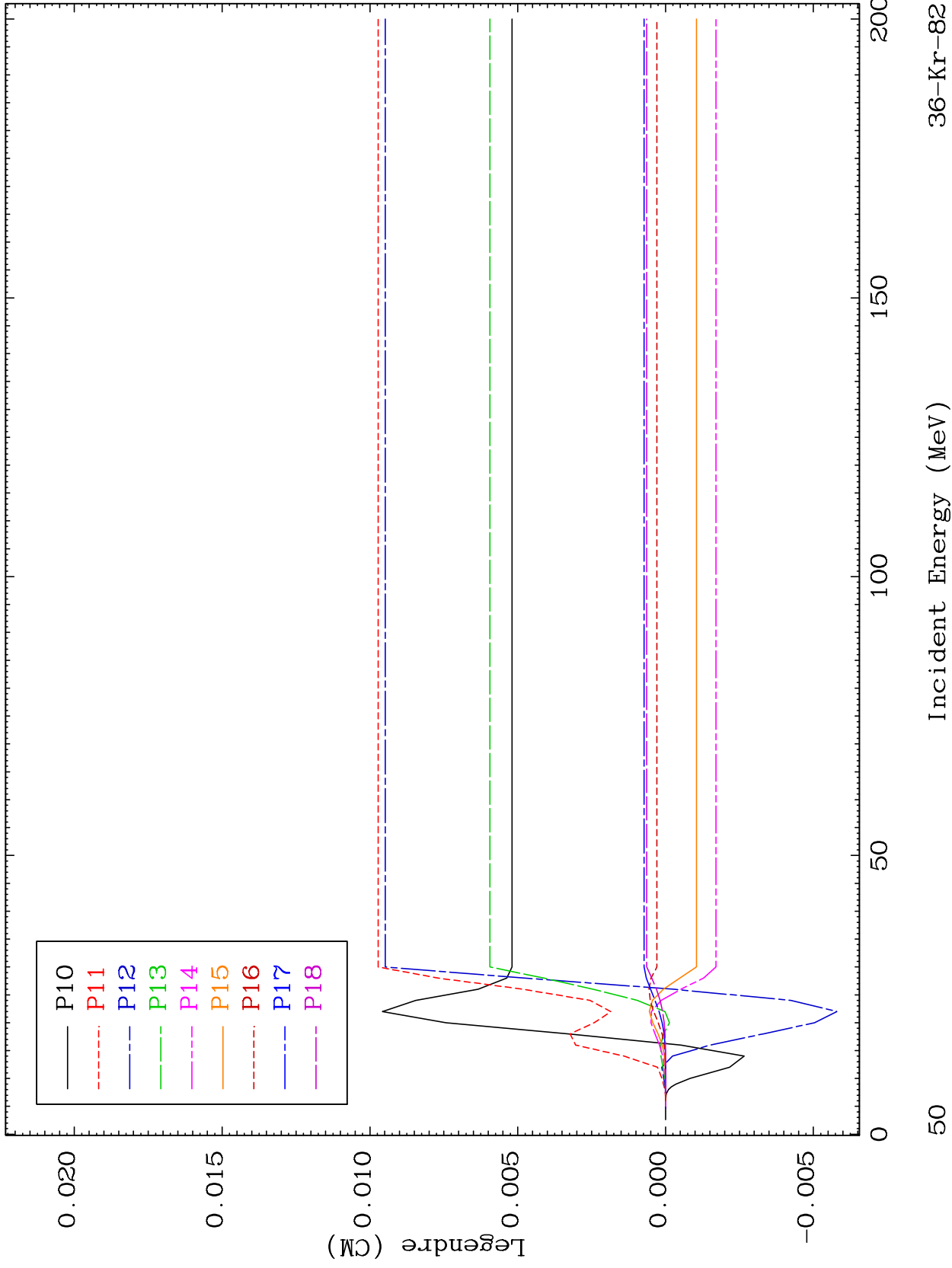
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.427 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



36-Kr-82

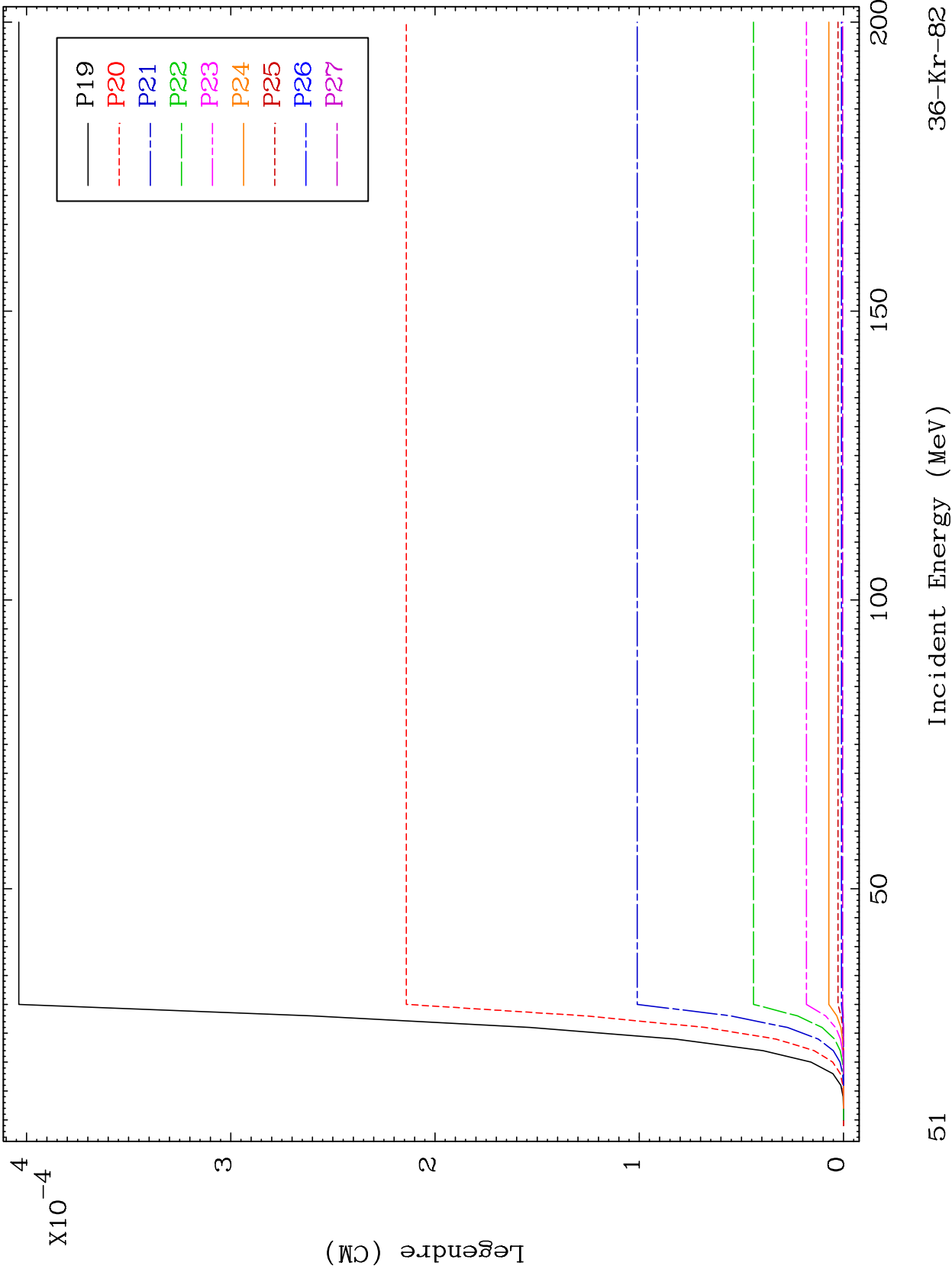
Incident Energy (MeV)

50

MAT 3637

2.427 MeV (n, n') Level
Legendre Coefficients

36-Kr-82



51

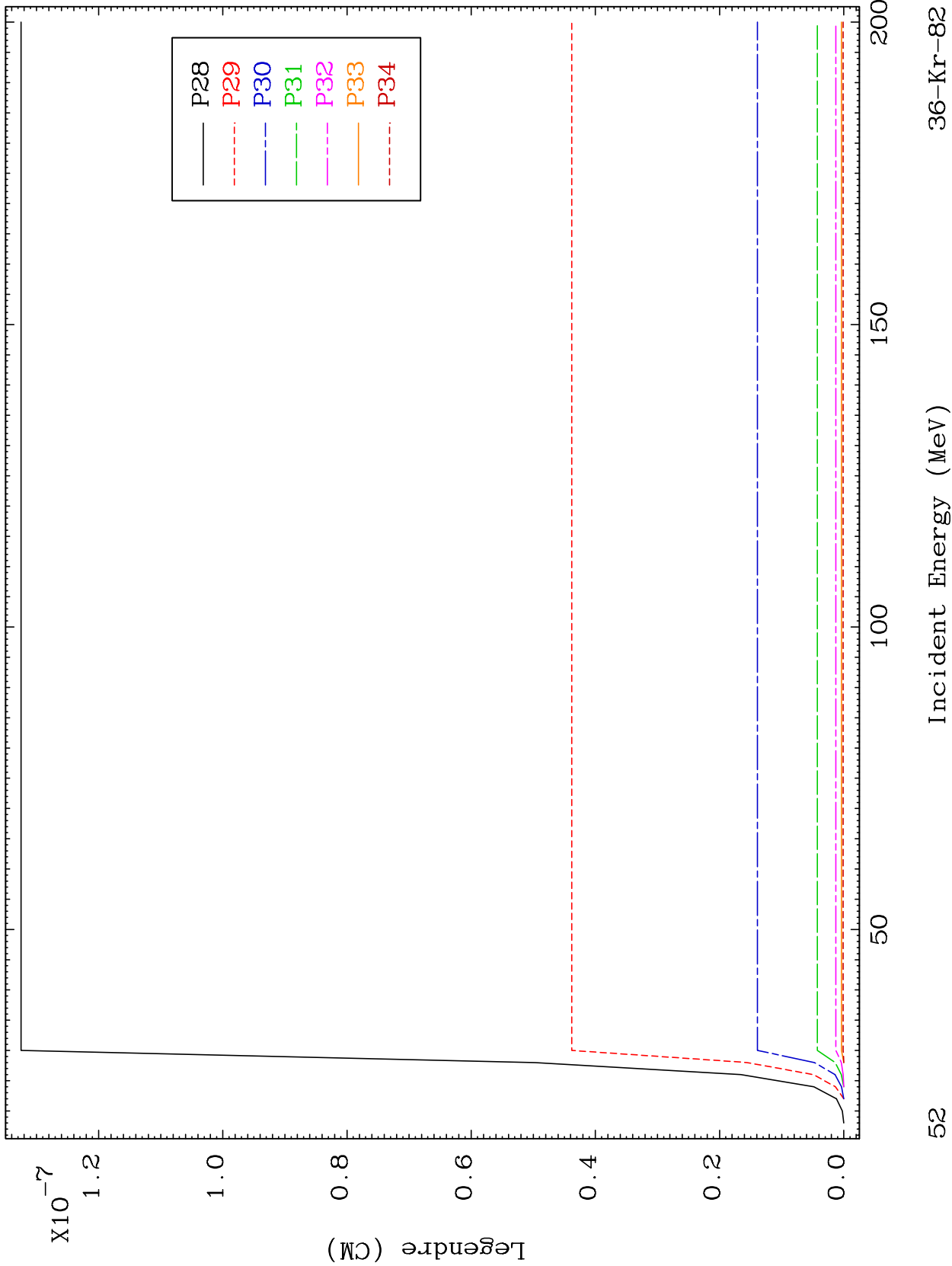
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.427 MeV (n,n') Level
Legendre Coefficients

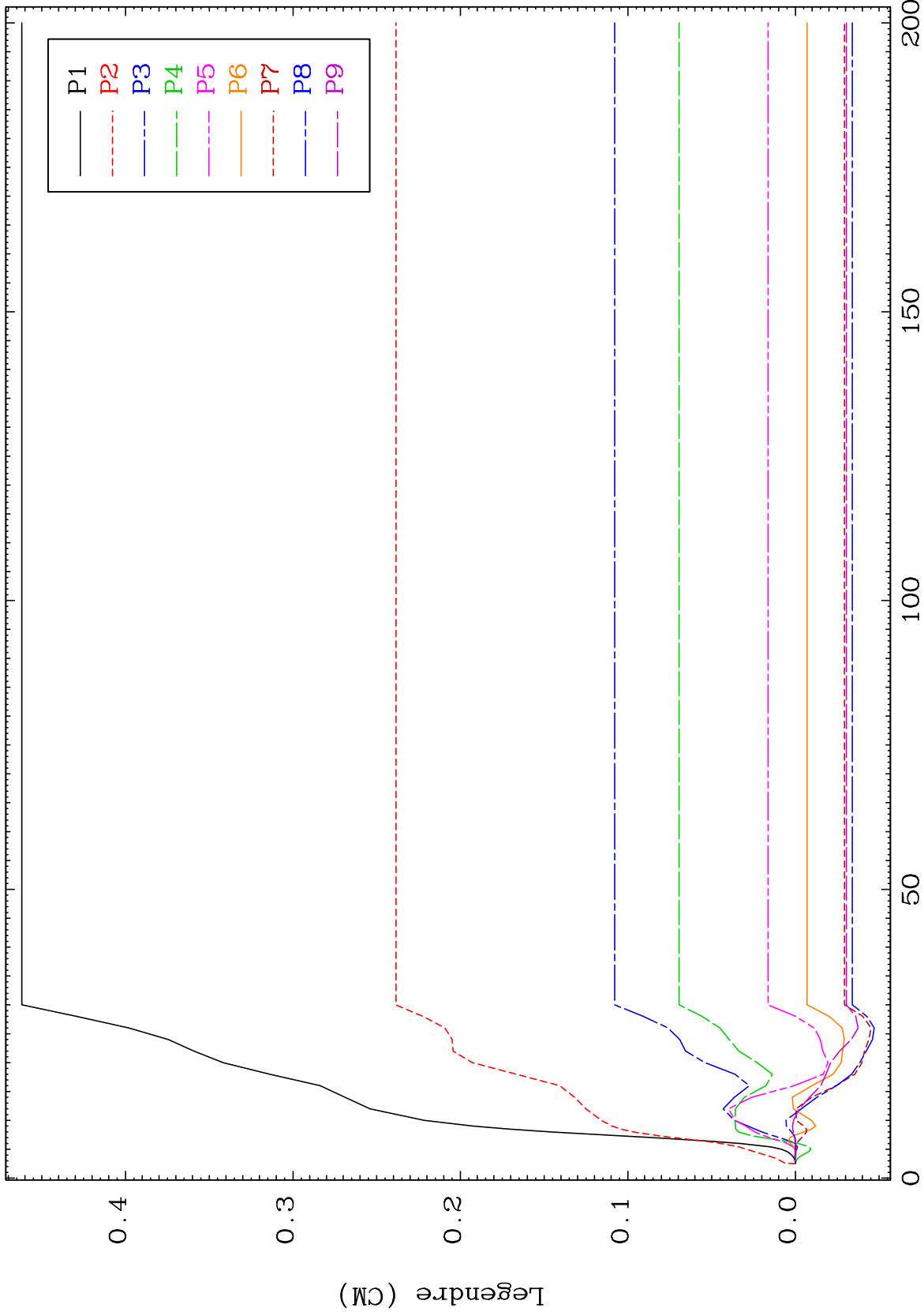
36-Kr-82

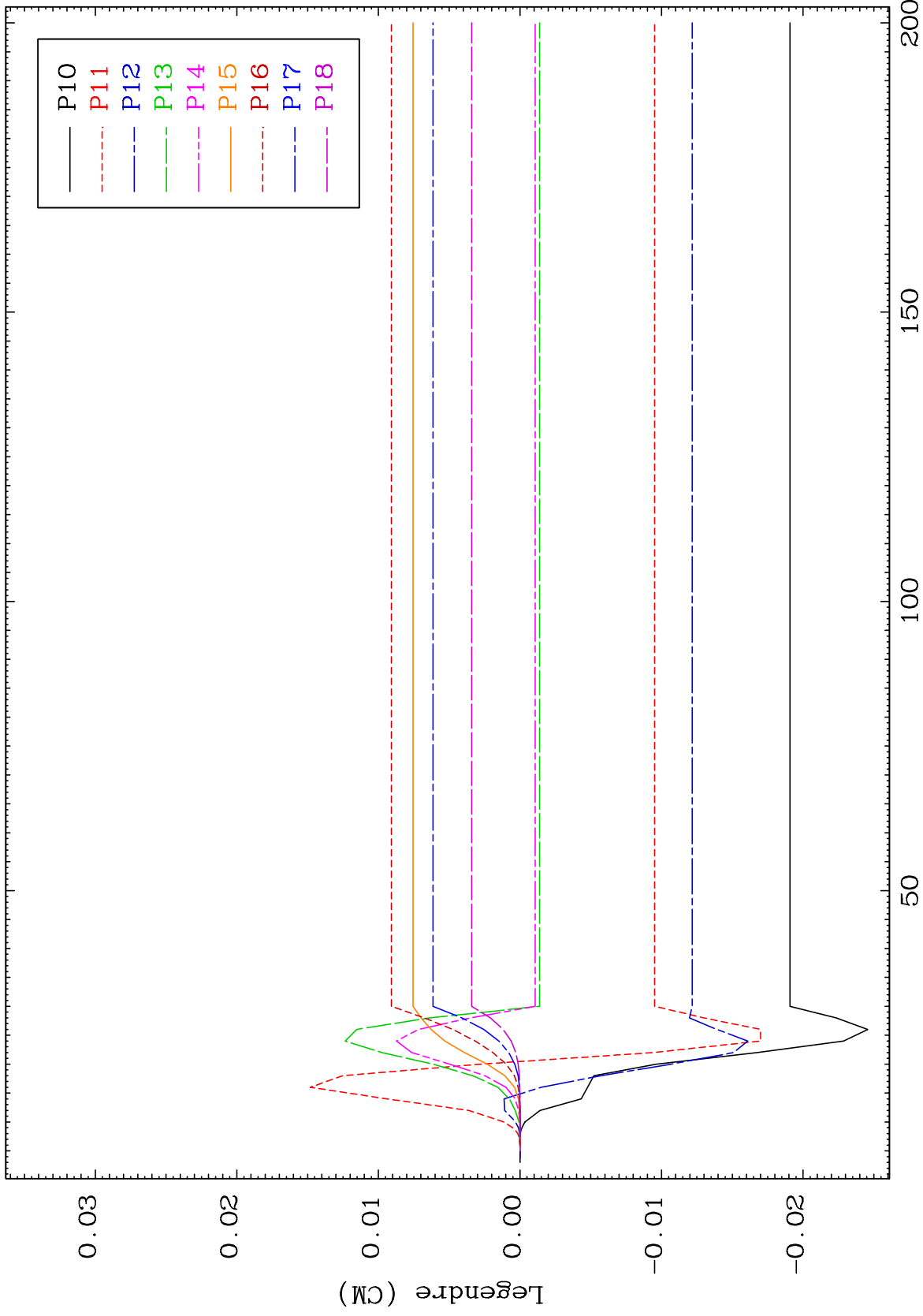


52

Incident Energy (MeV)

36-Kr-82

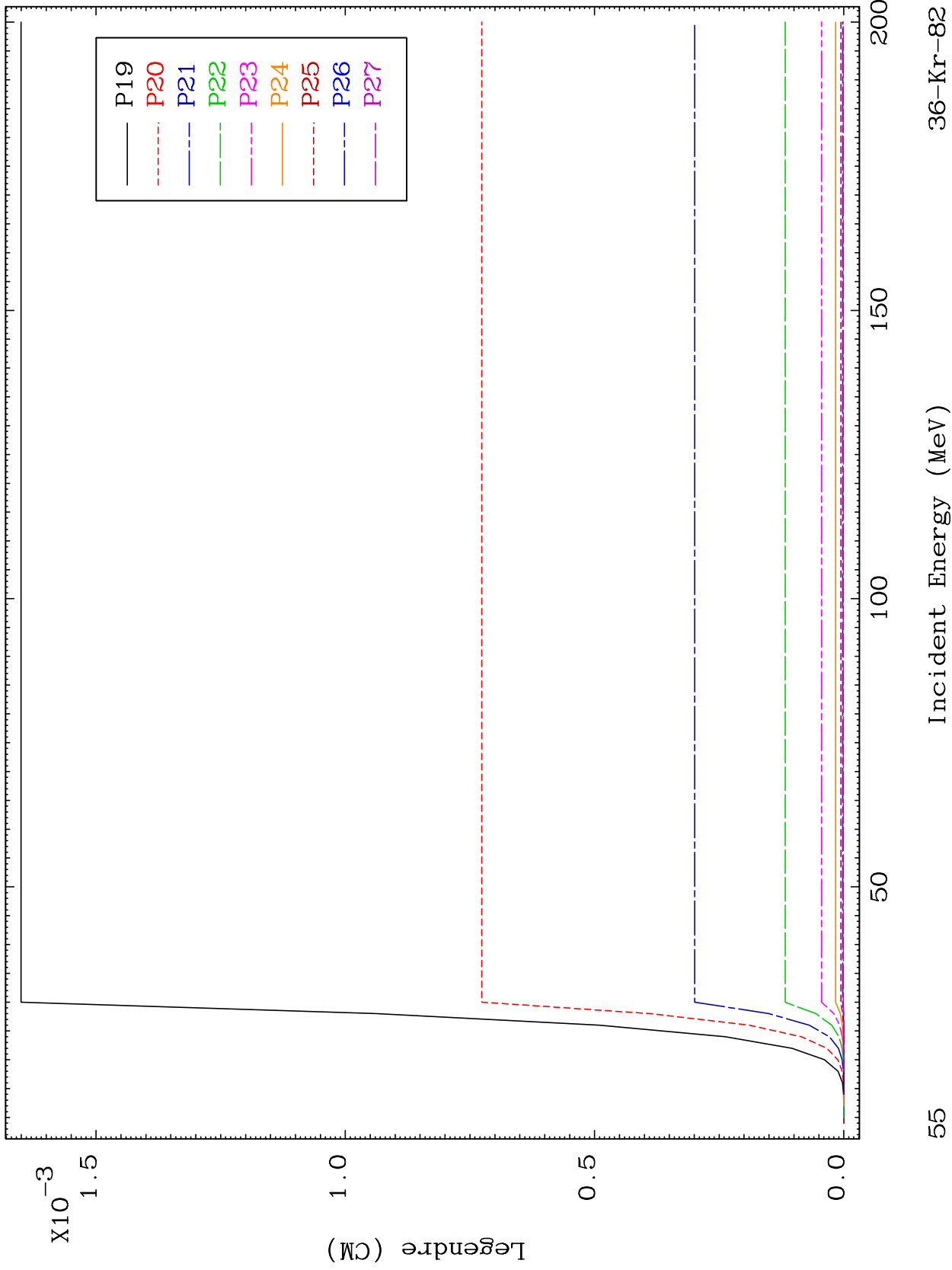




MAT 3637

2.450 MeV (n,n') Level
Legendre Coefficients

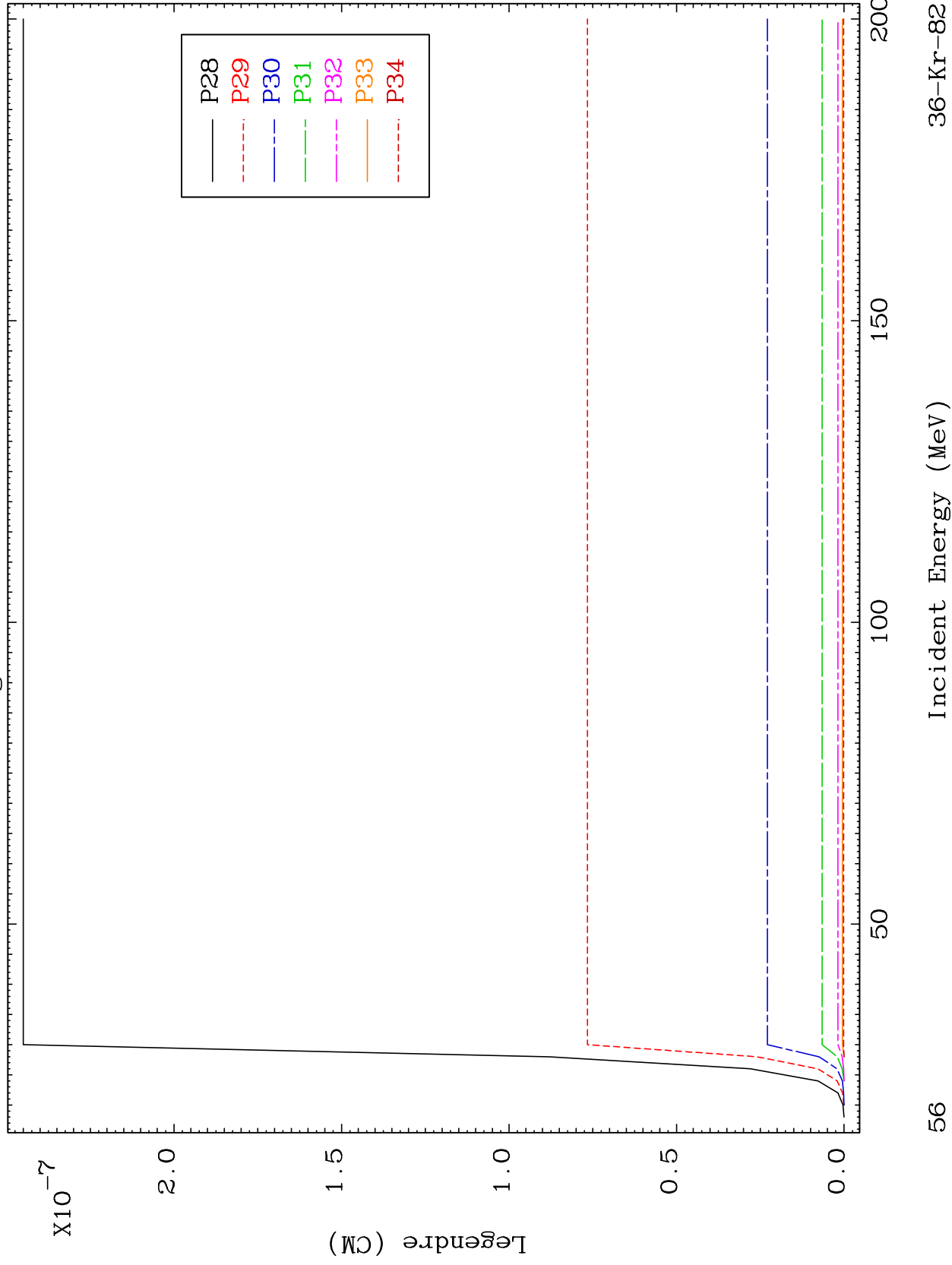
36-Kr-82



MAT 3637

2.450 MeV (n,n') Level
Legendre Coefficients

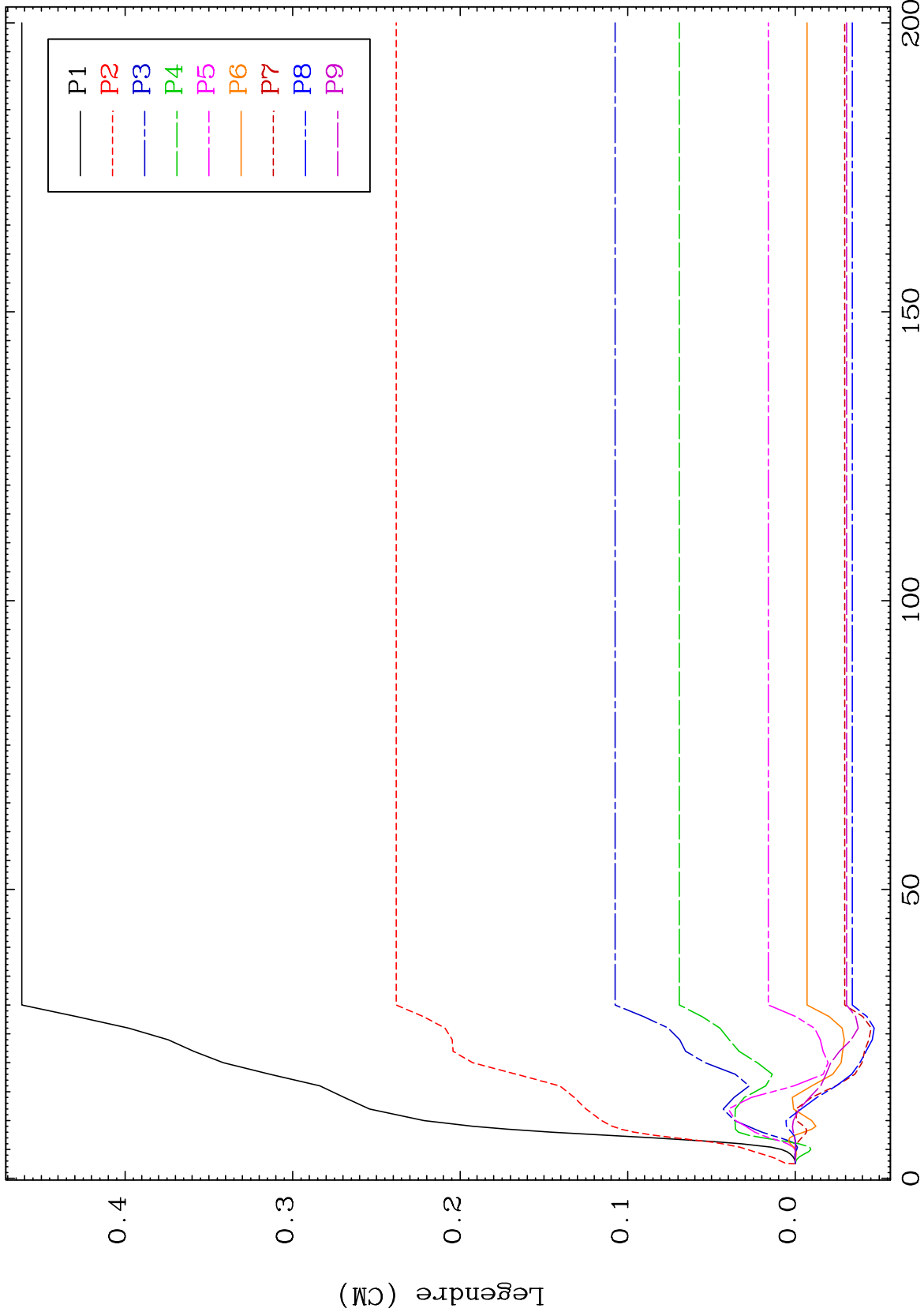
36-Kr-82

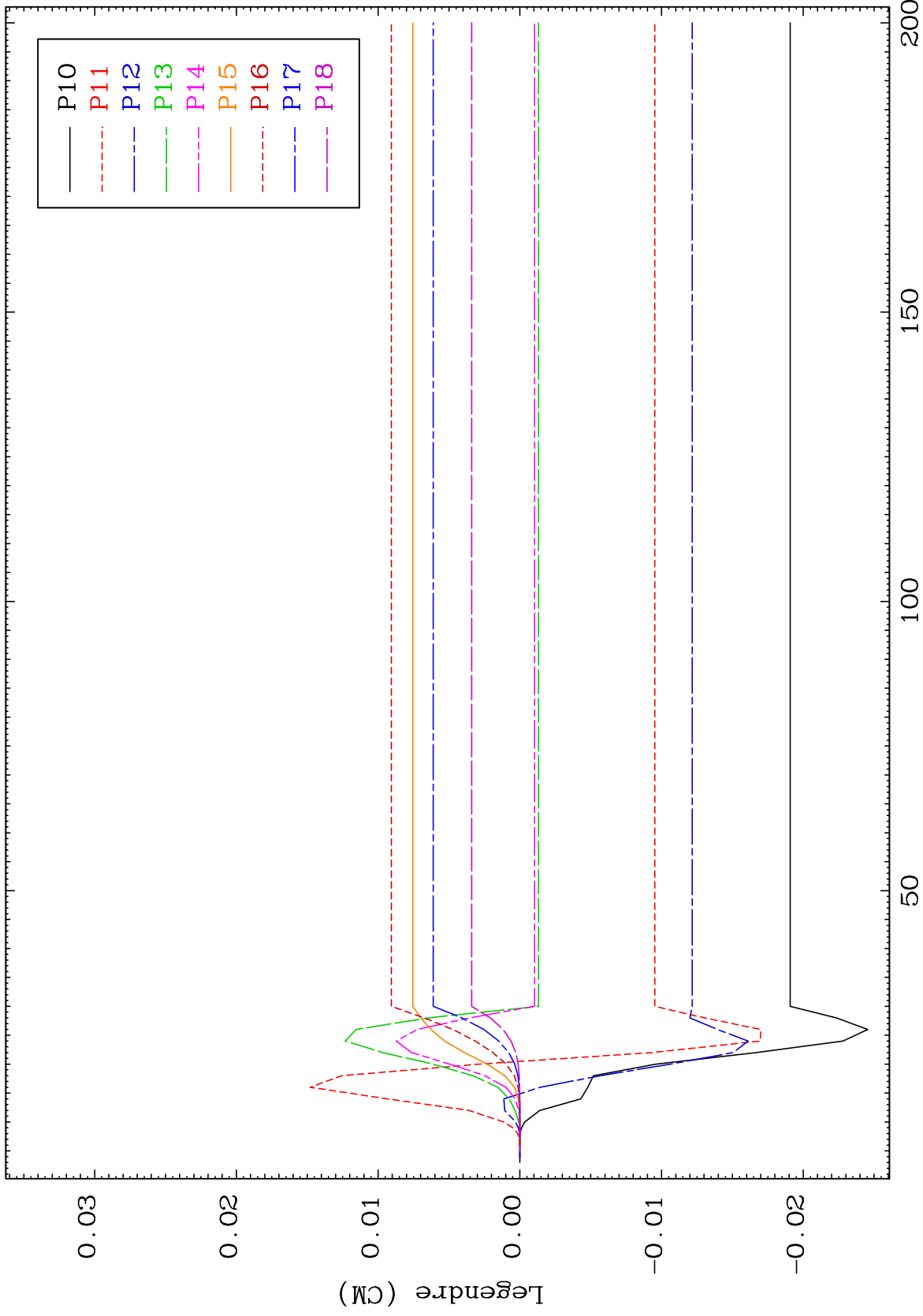


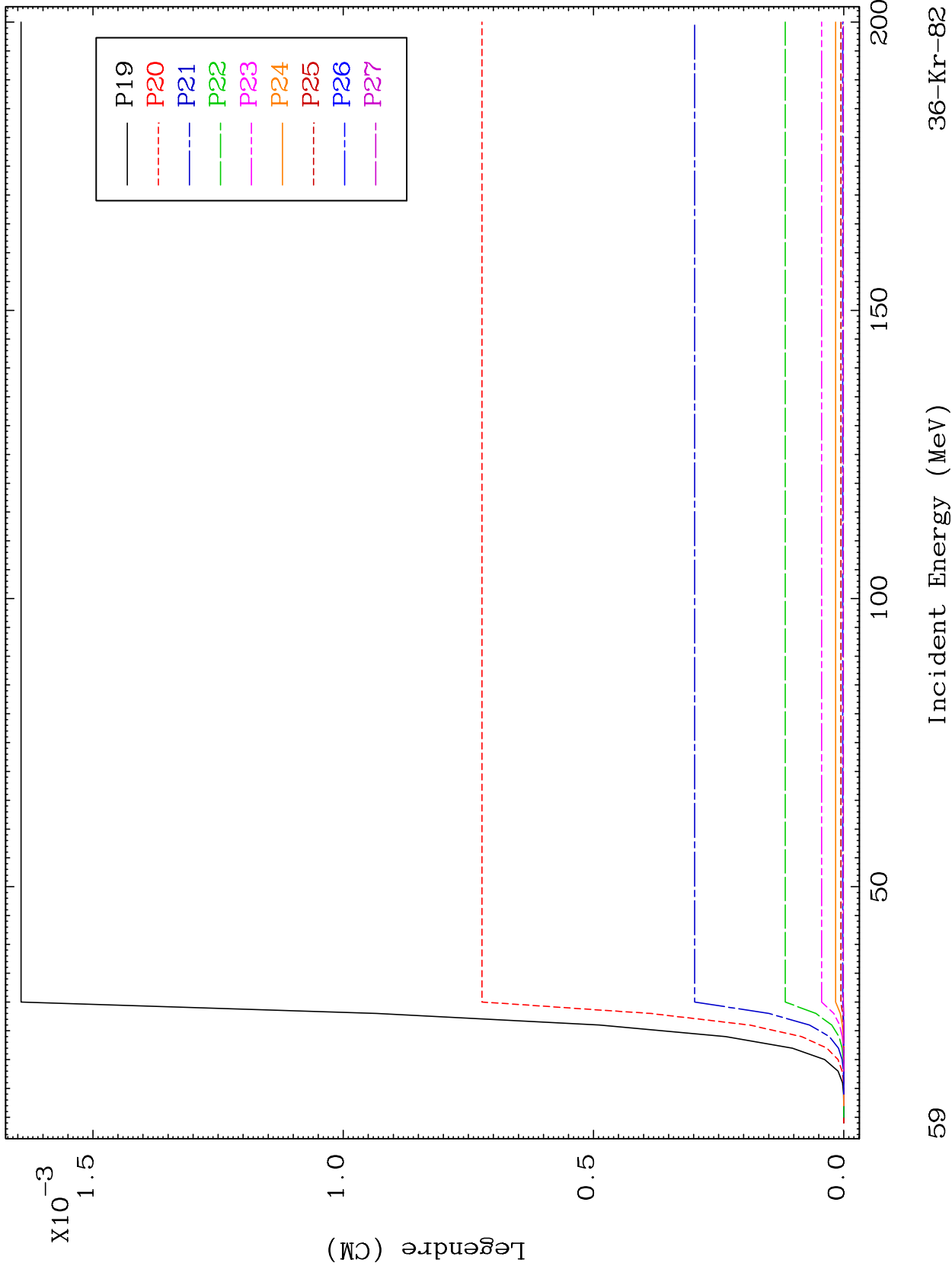
56

Incident Energy (MeV)

36-Kr-82



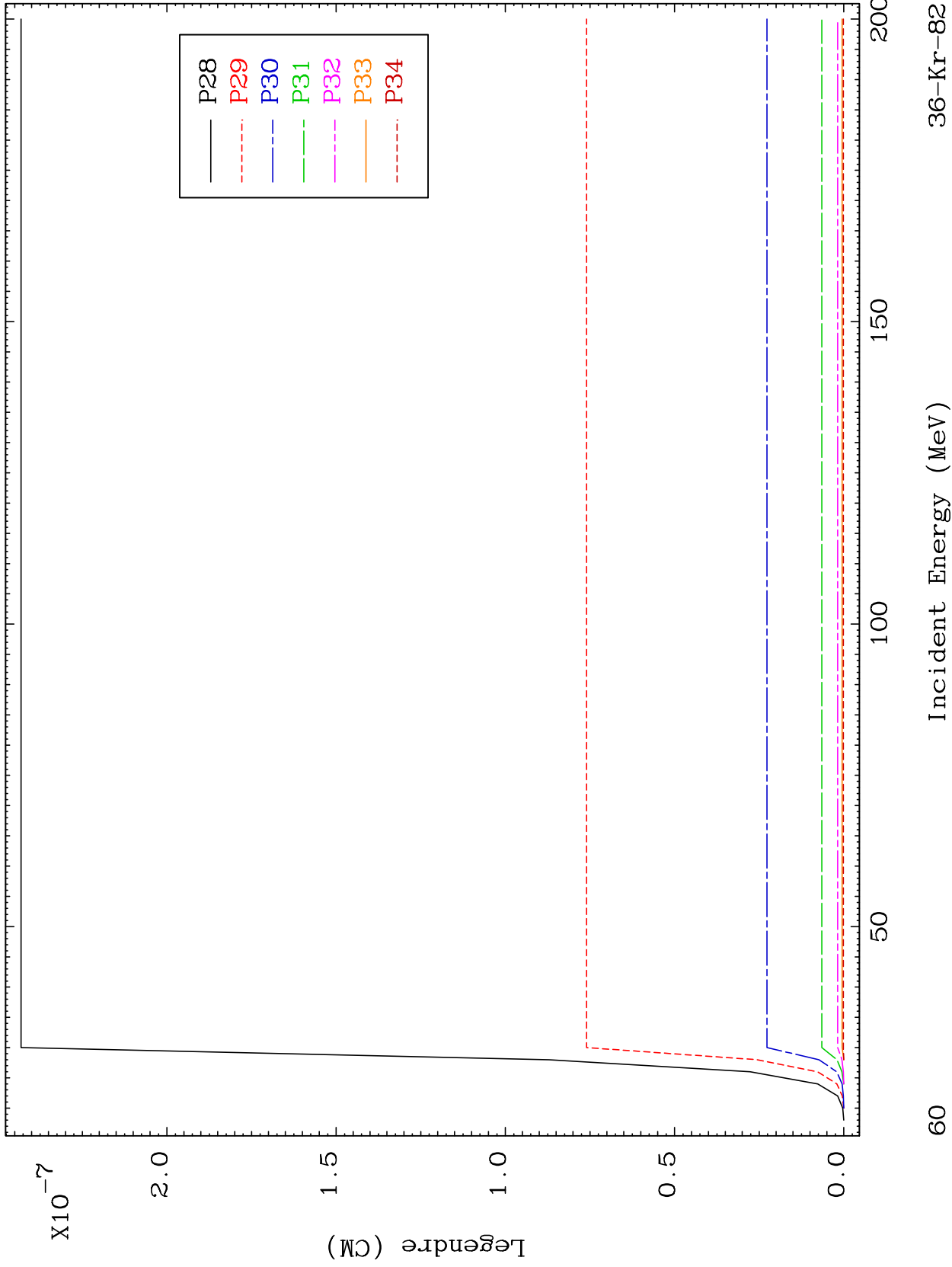


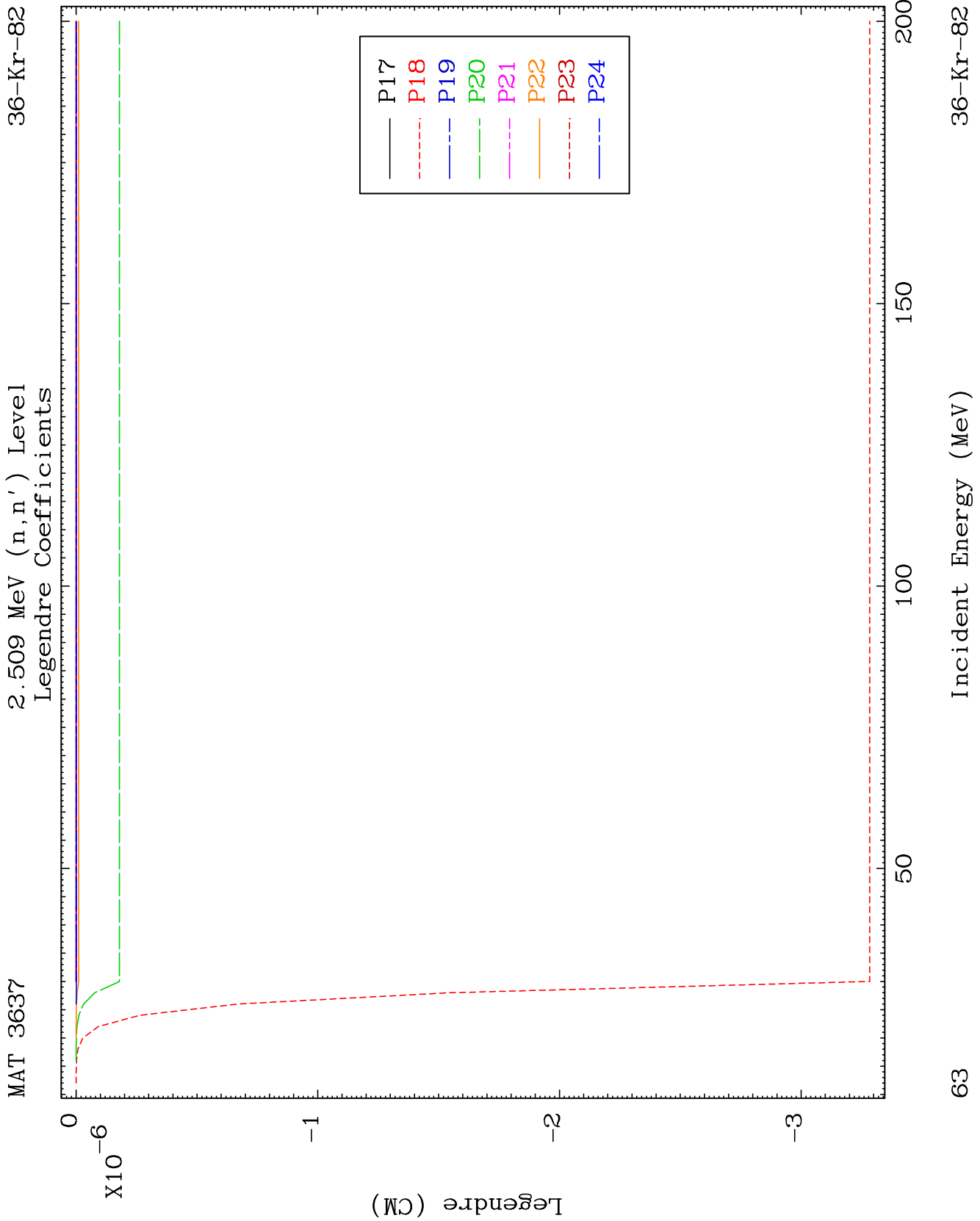


MAT 3637

2.480 MeV (n,n') Level
Legendre Coefficients

36-Kr-82

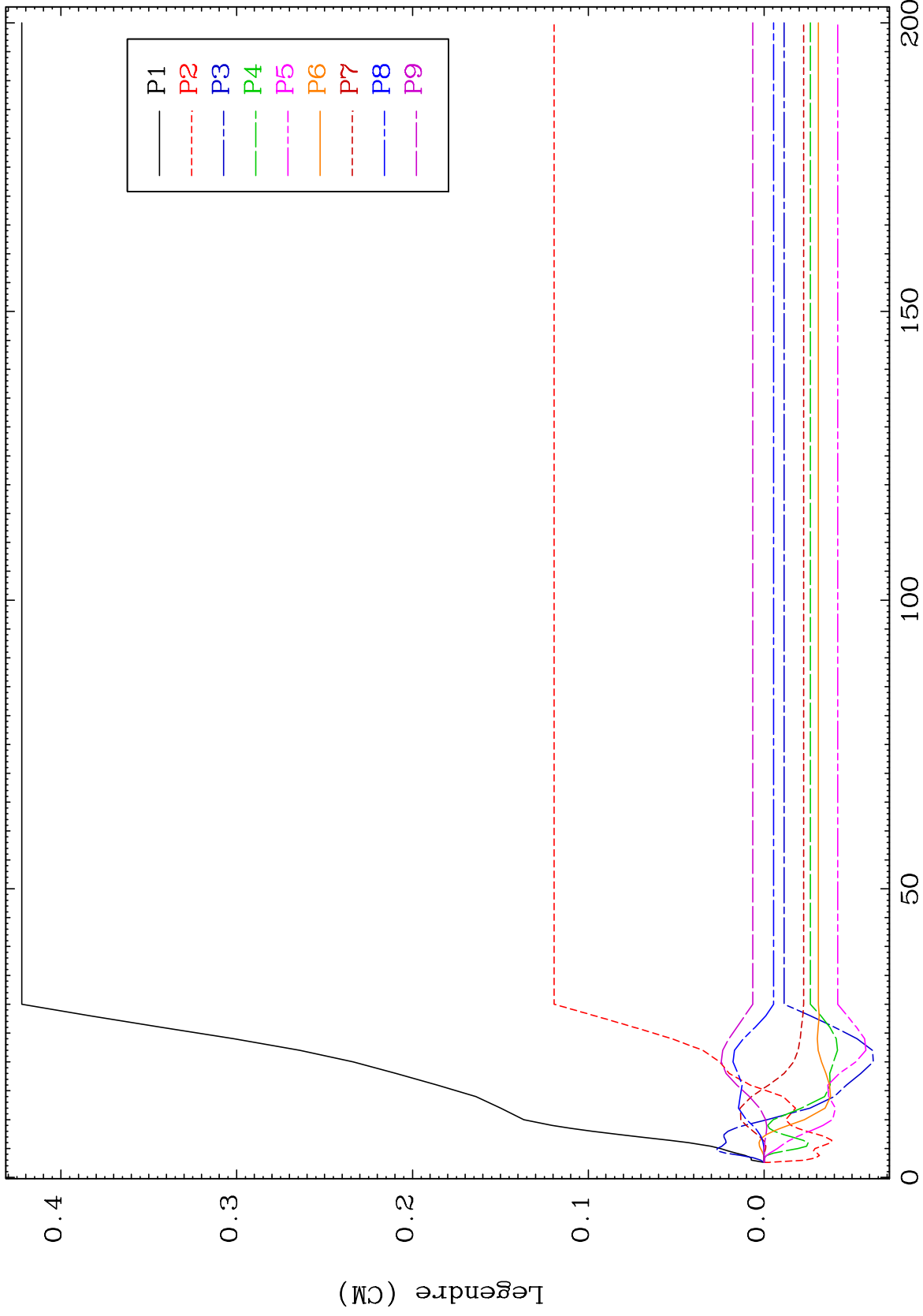




MAT 3637

2.548 MeV (n,n') Level
Legendre Coefficients

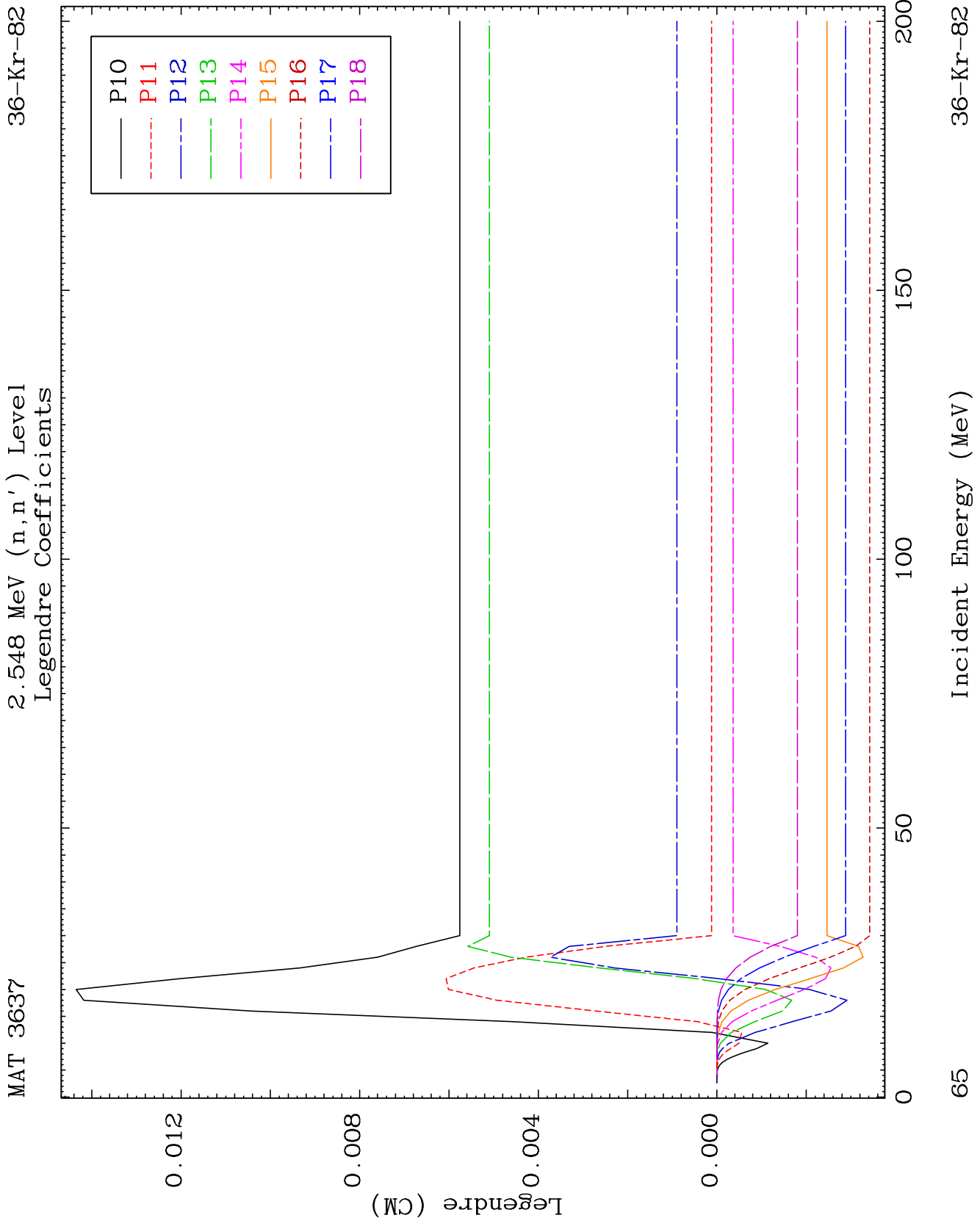
36-Kr-82

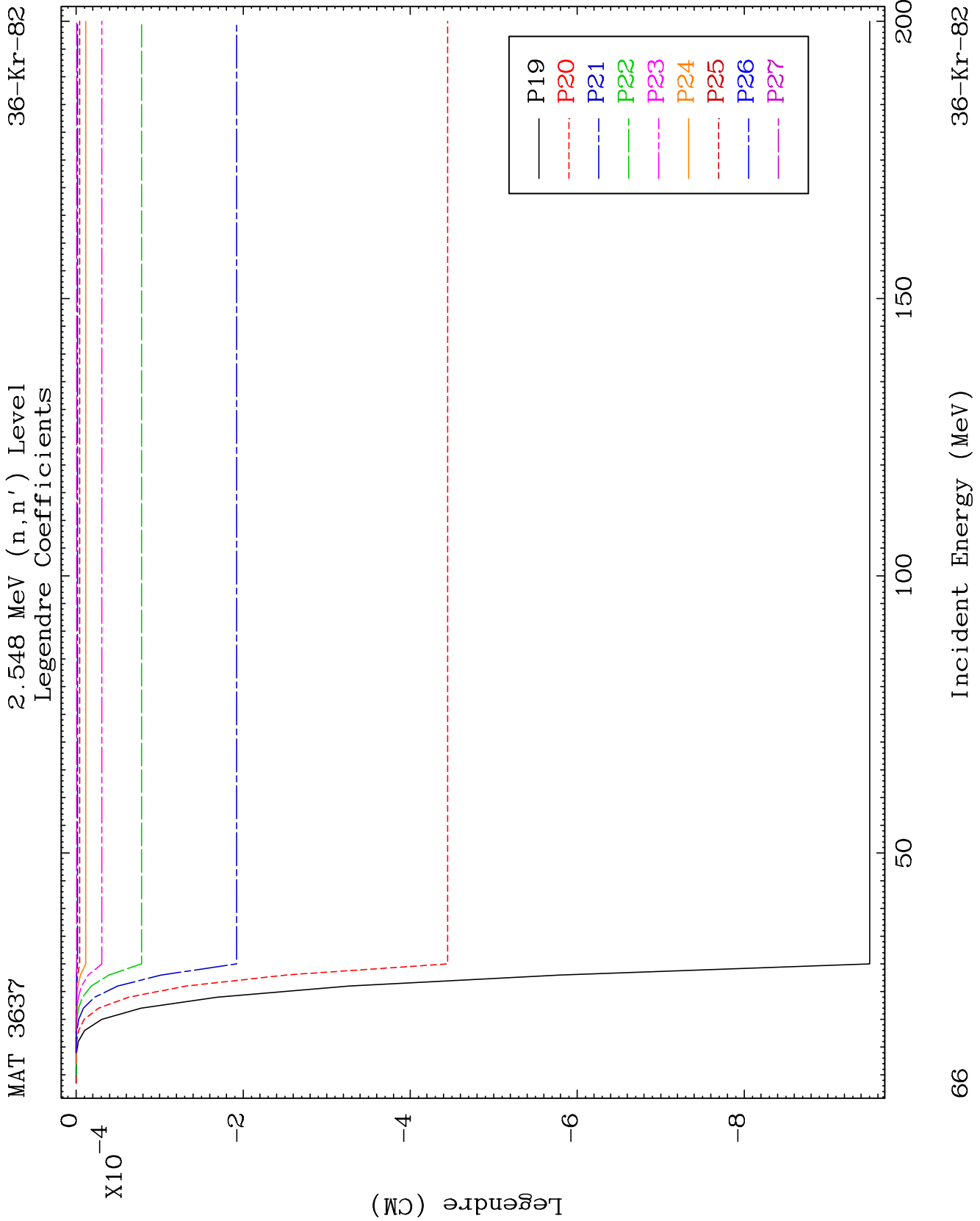


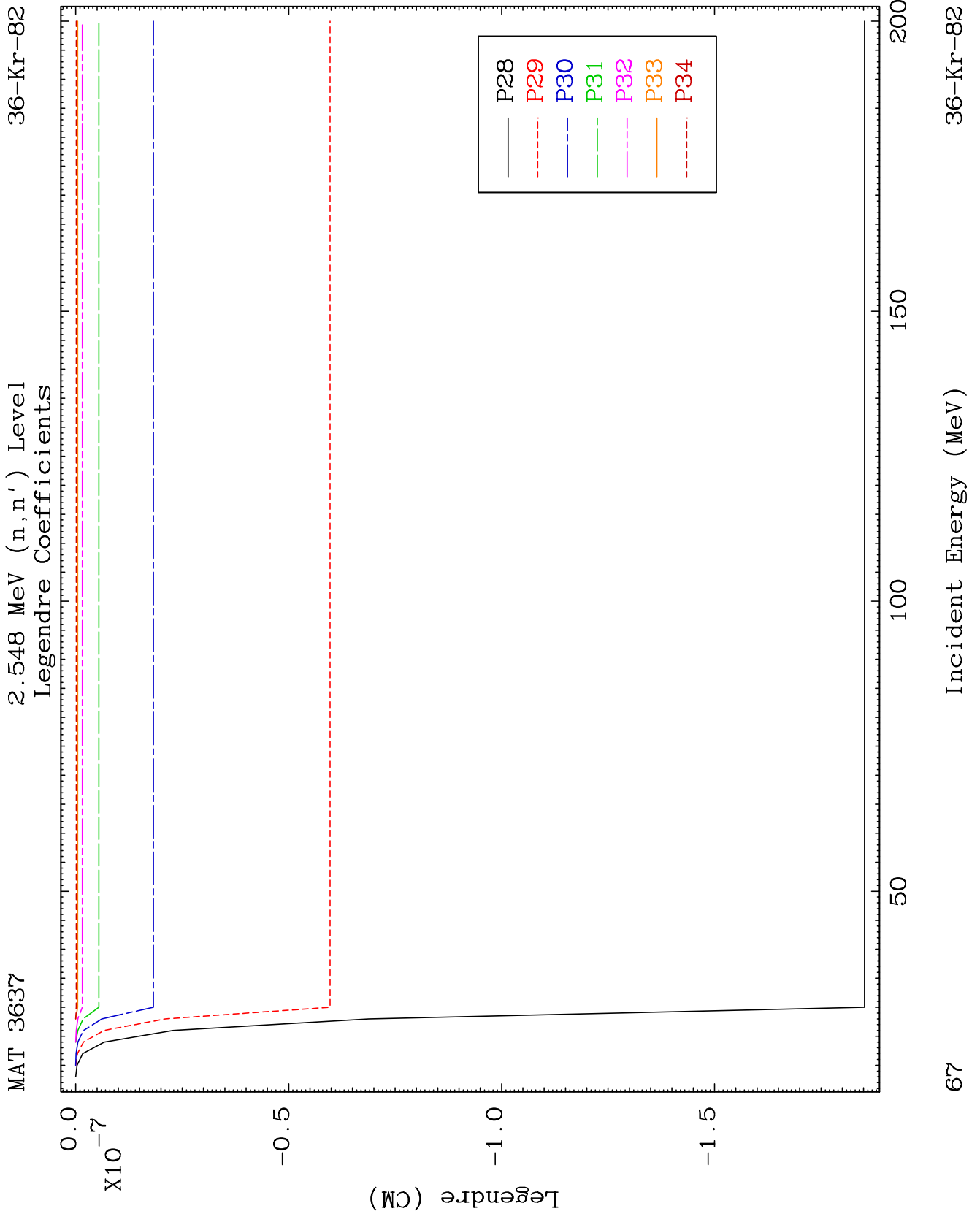
64

Incident Energy (MeV)

36-Kr-82



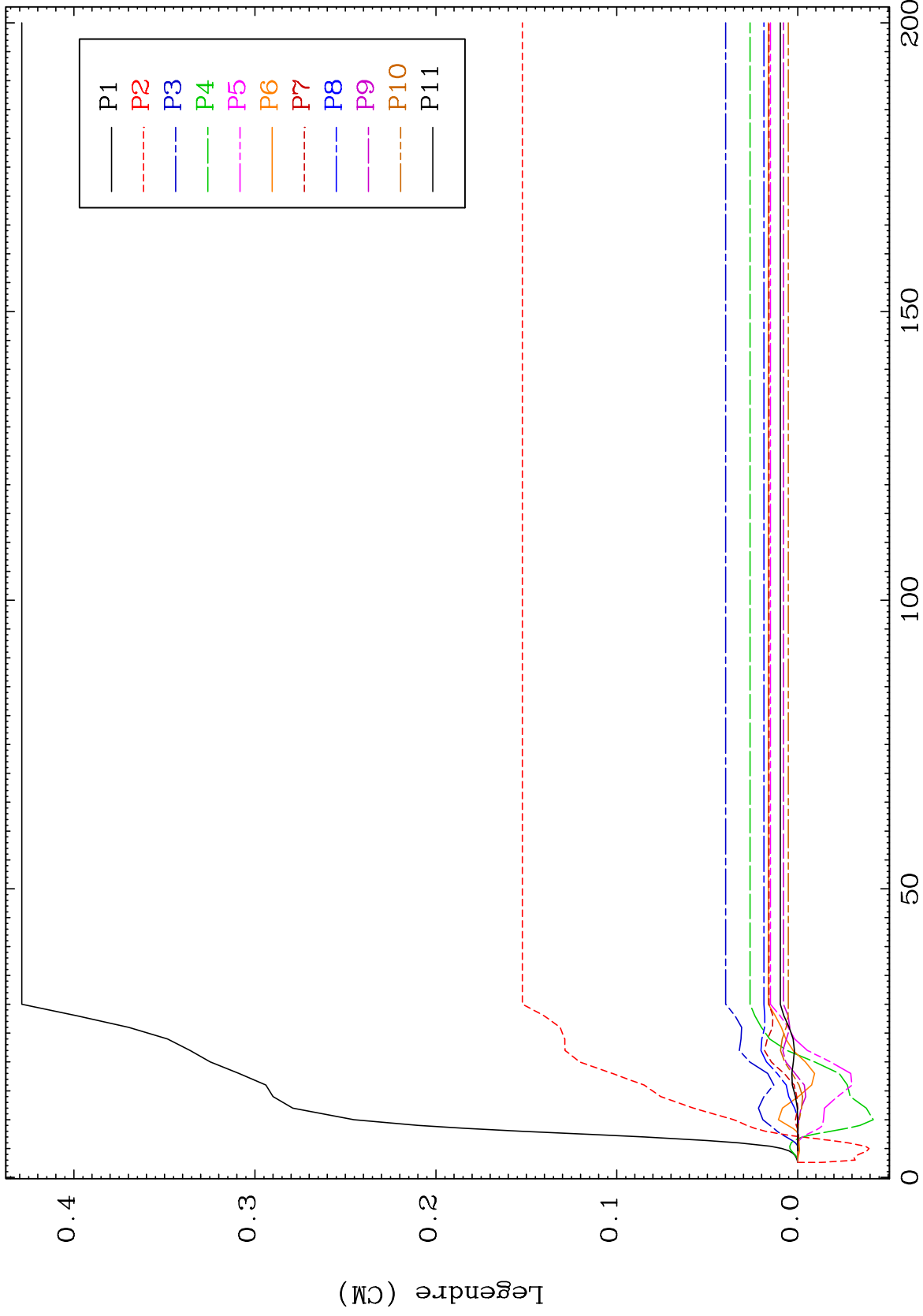




MAT 3637

2.556 MeV (n,n') Level
Legendre Coefficients

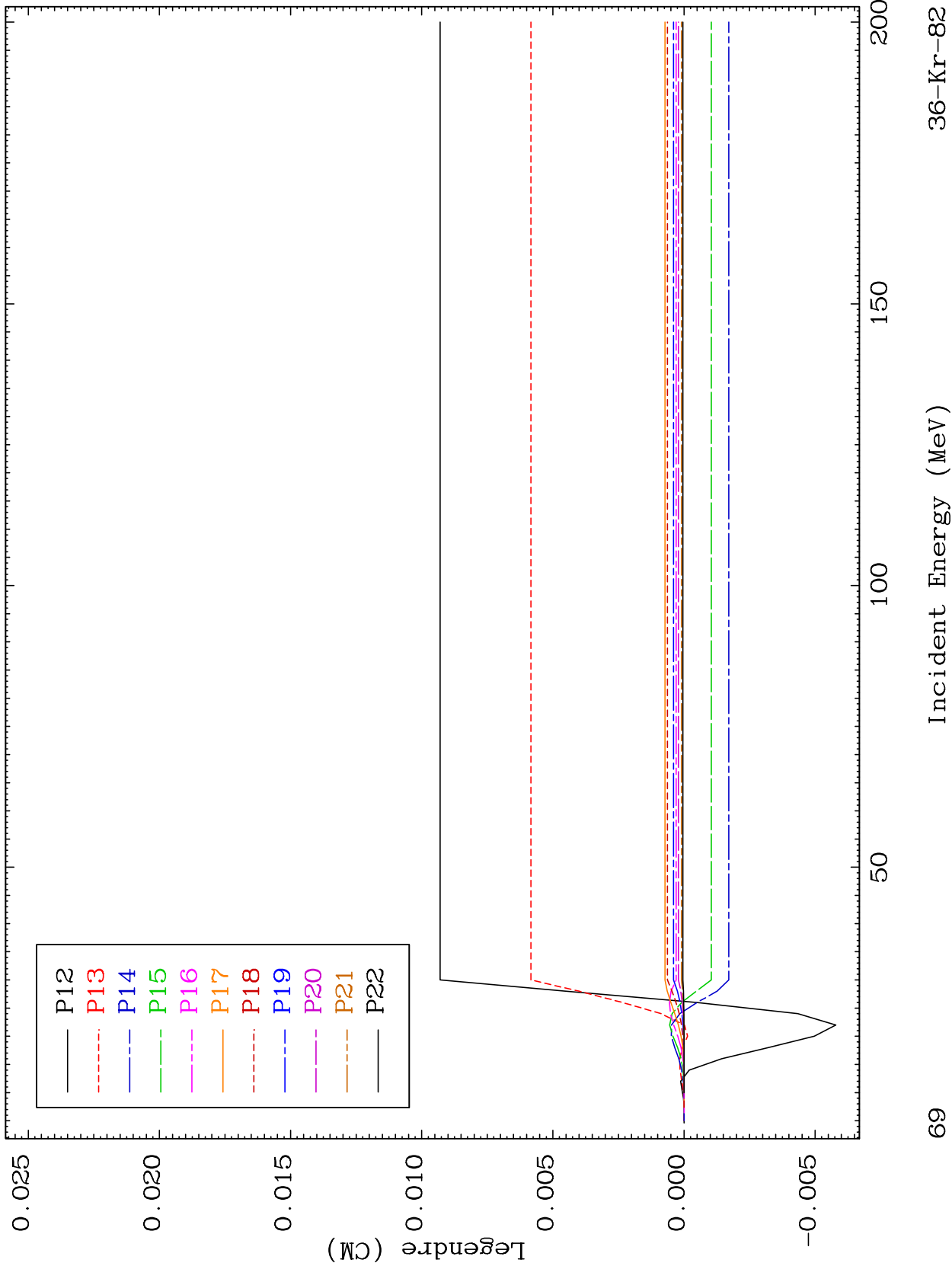
36-Kr-82



68

Incident Energy (MeV)

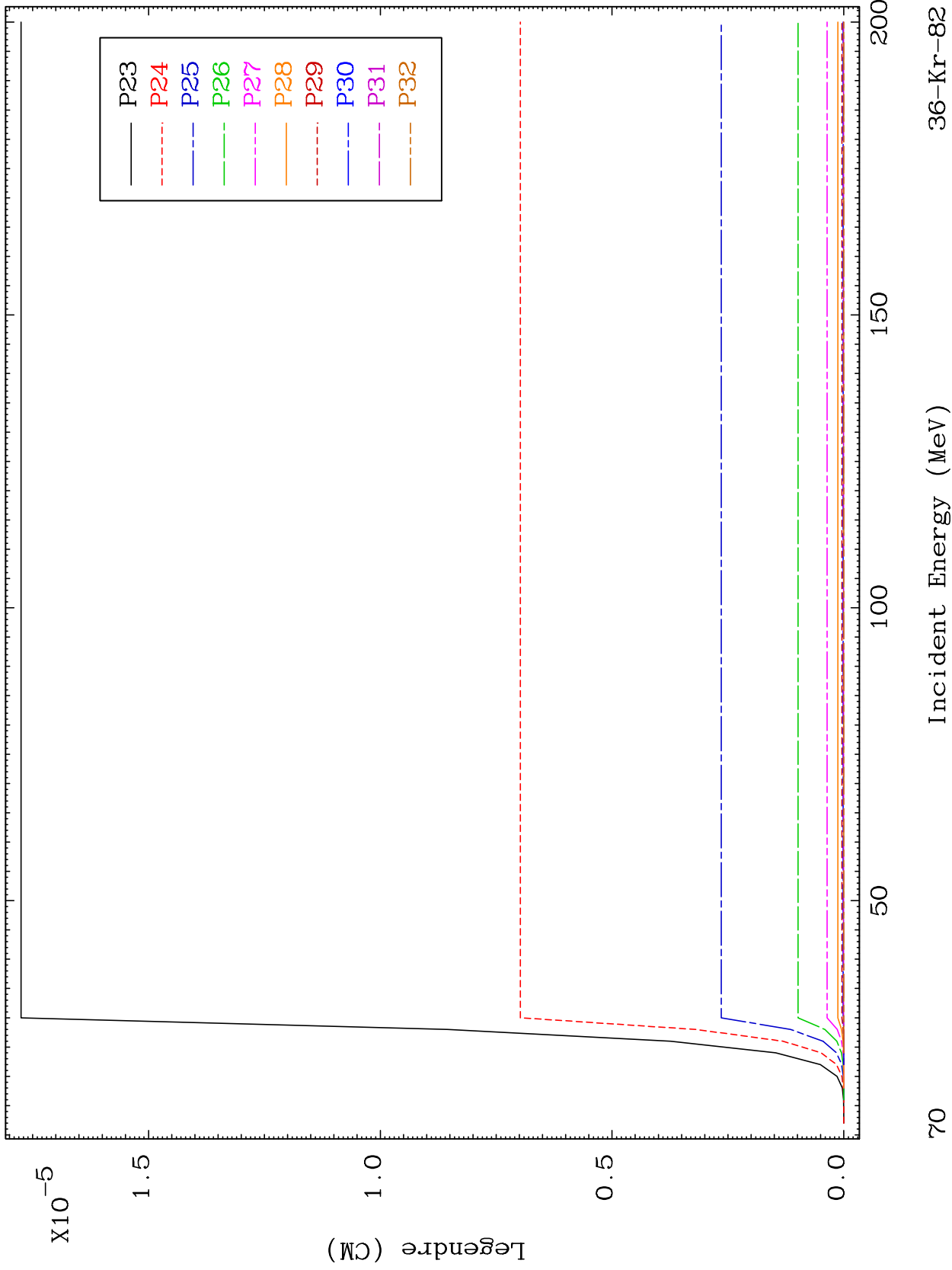
36-Kr-82



MAT 3637

2.556 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



70

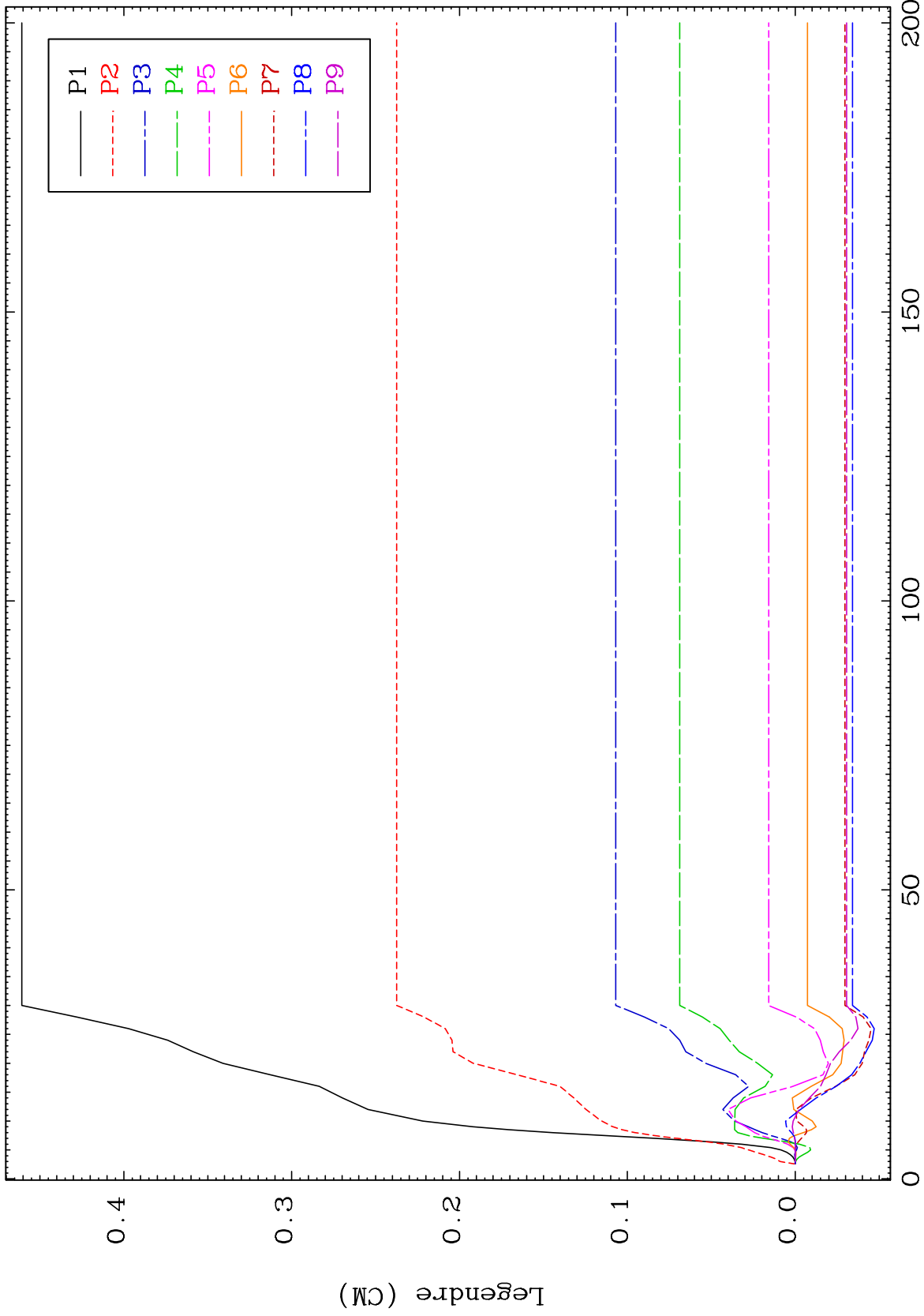
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.562 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



71

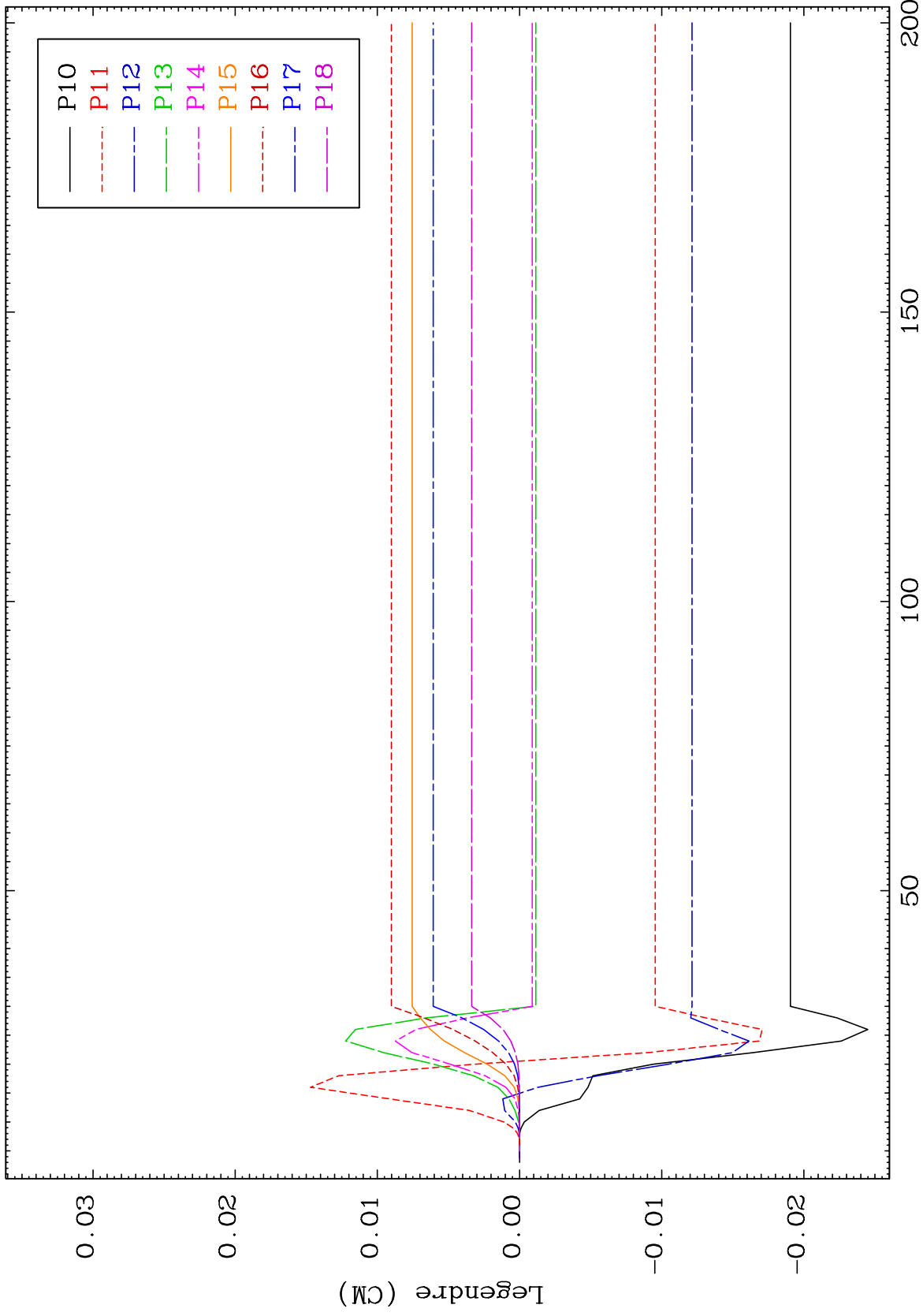
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.562 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



72

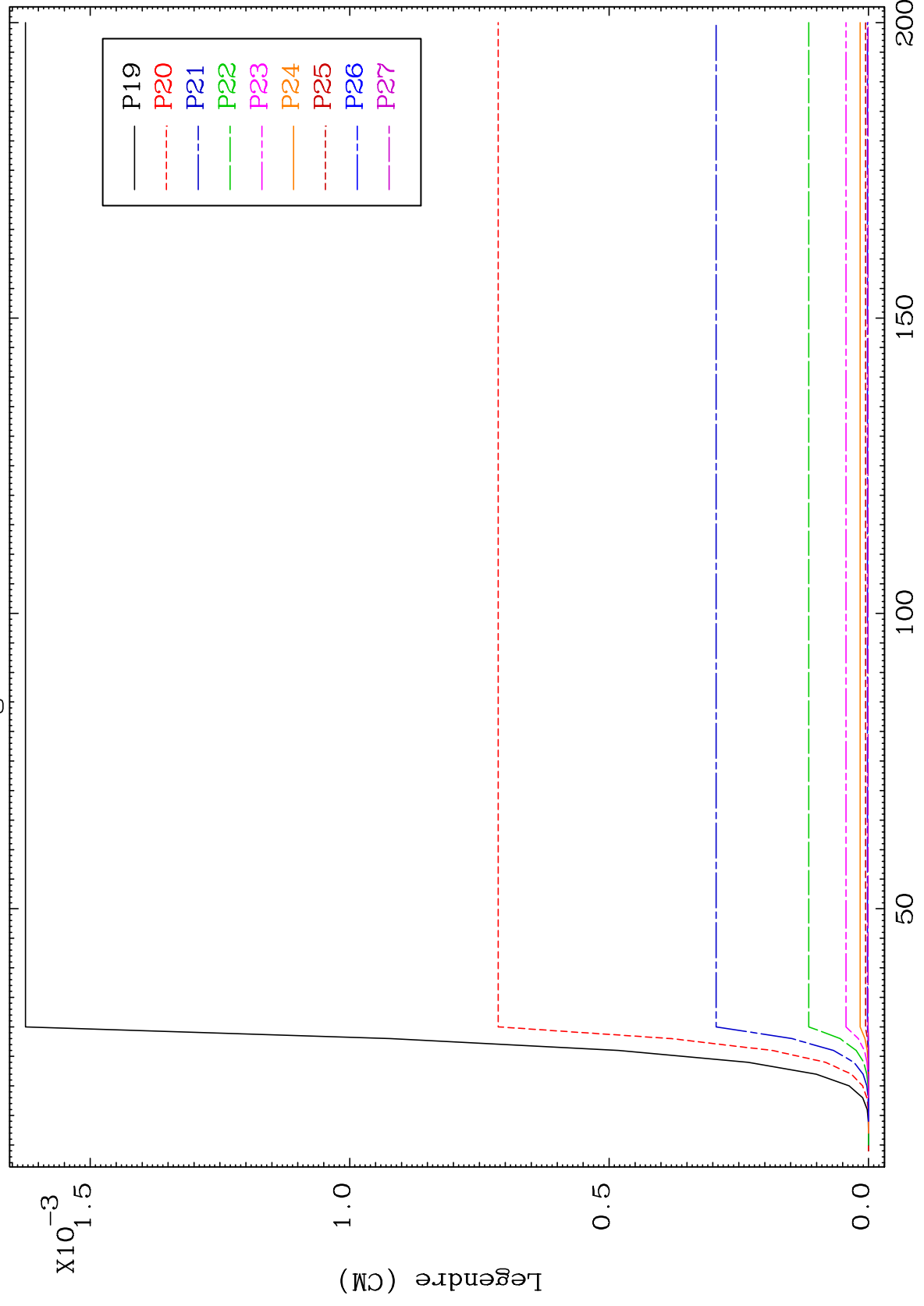
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.562 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



73

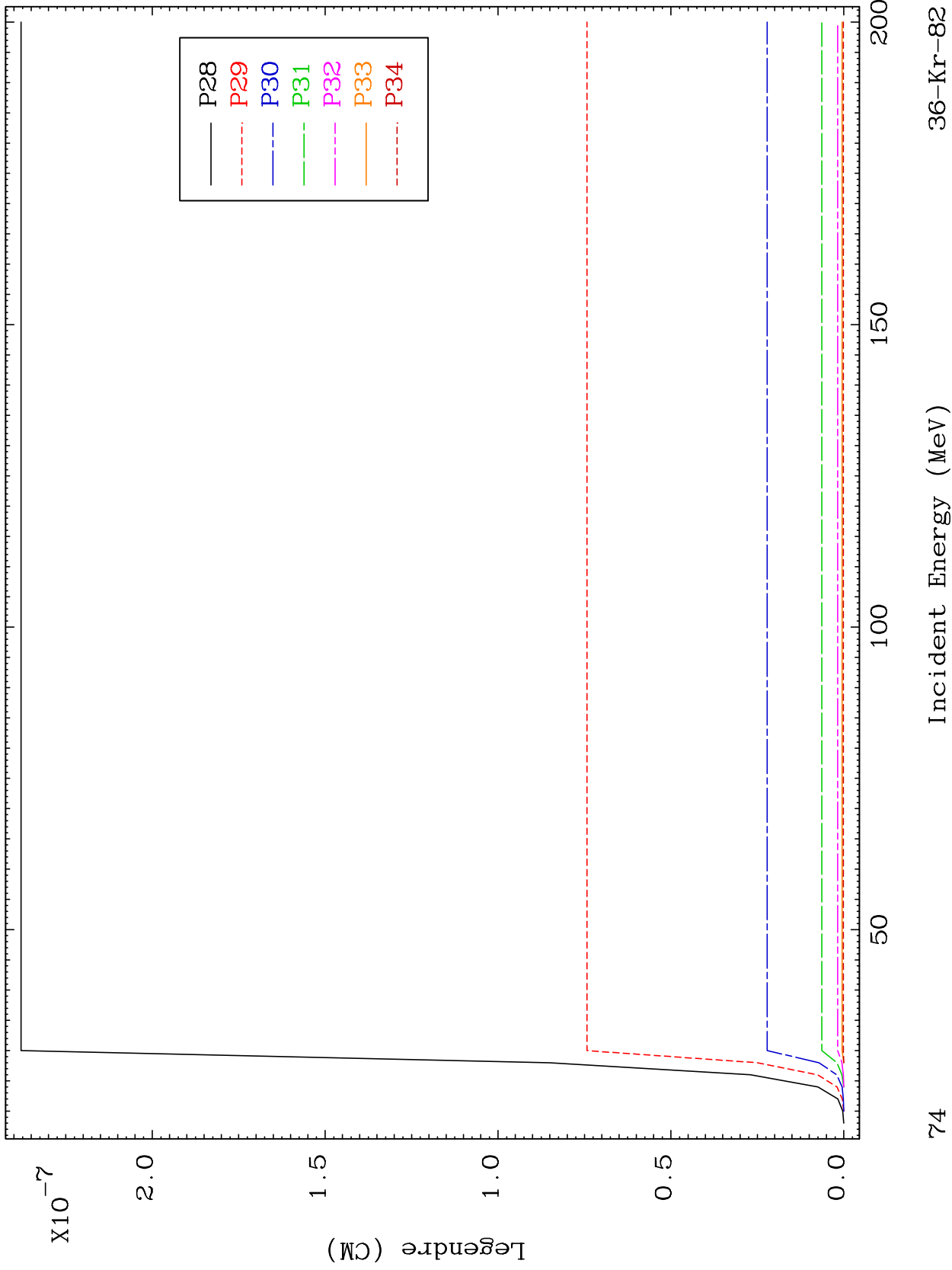
Incident Energy (MeV)

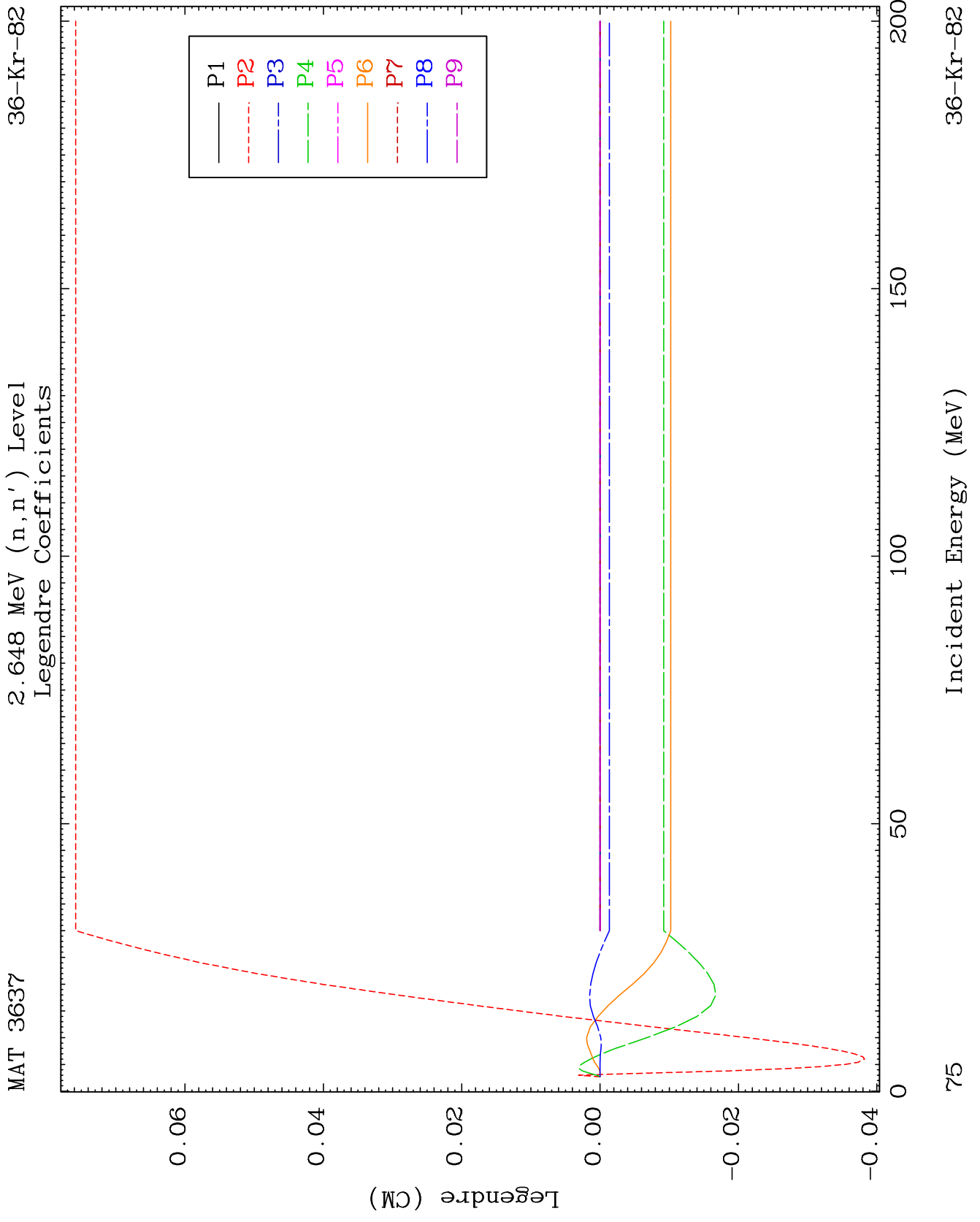
36-Kr-82

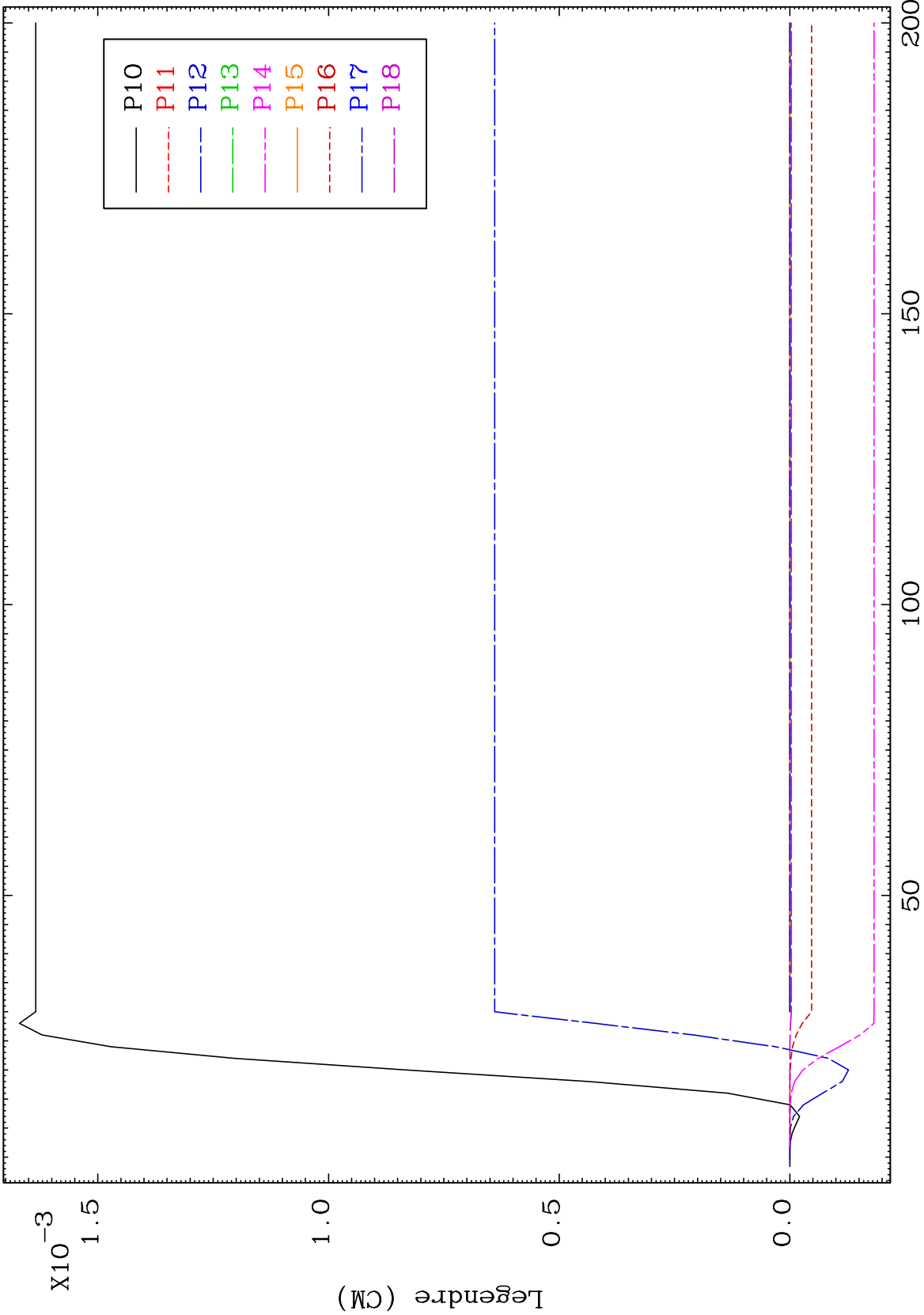
MAT 3637

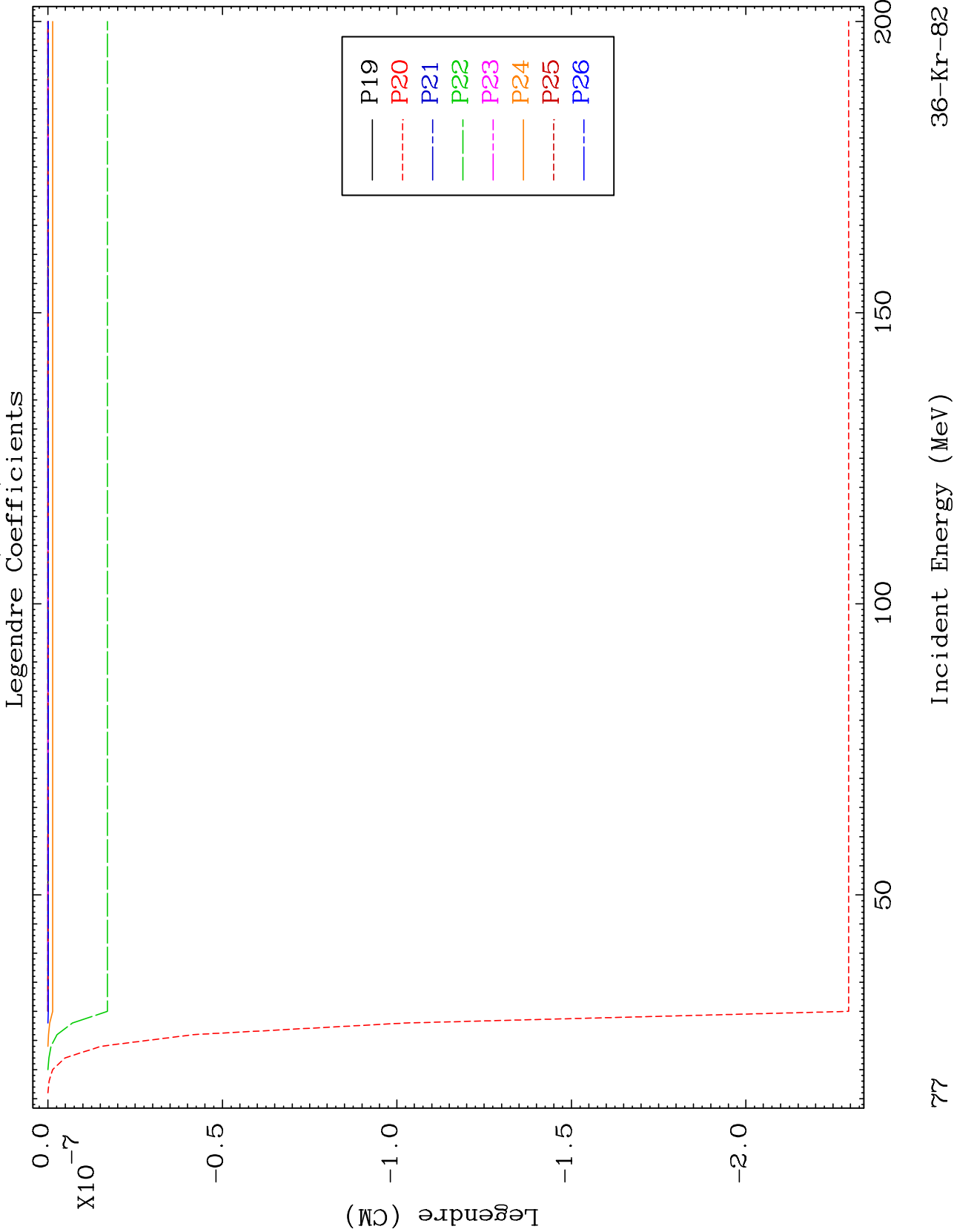
2.562 MeV (n,n') Level
Legendre Coefficients

36-Kr-82





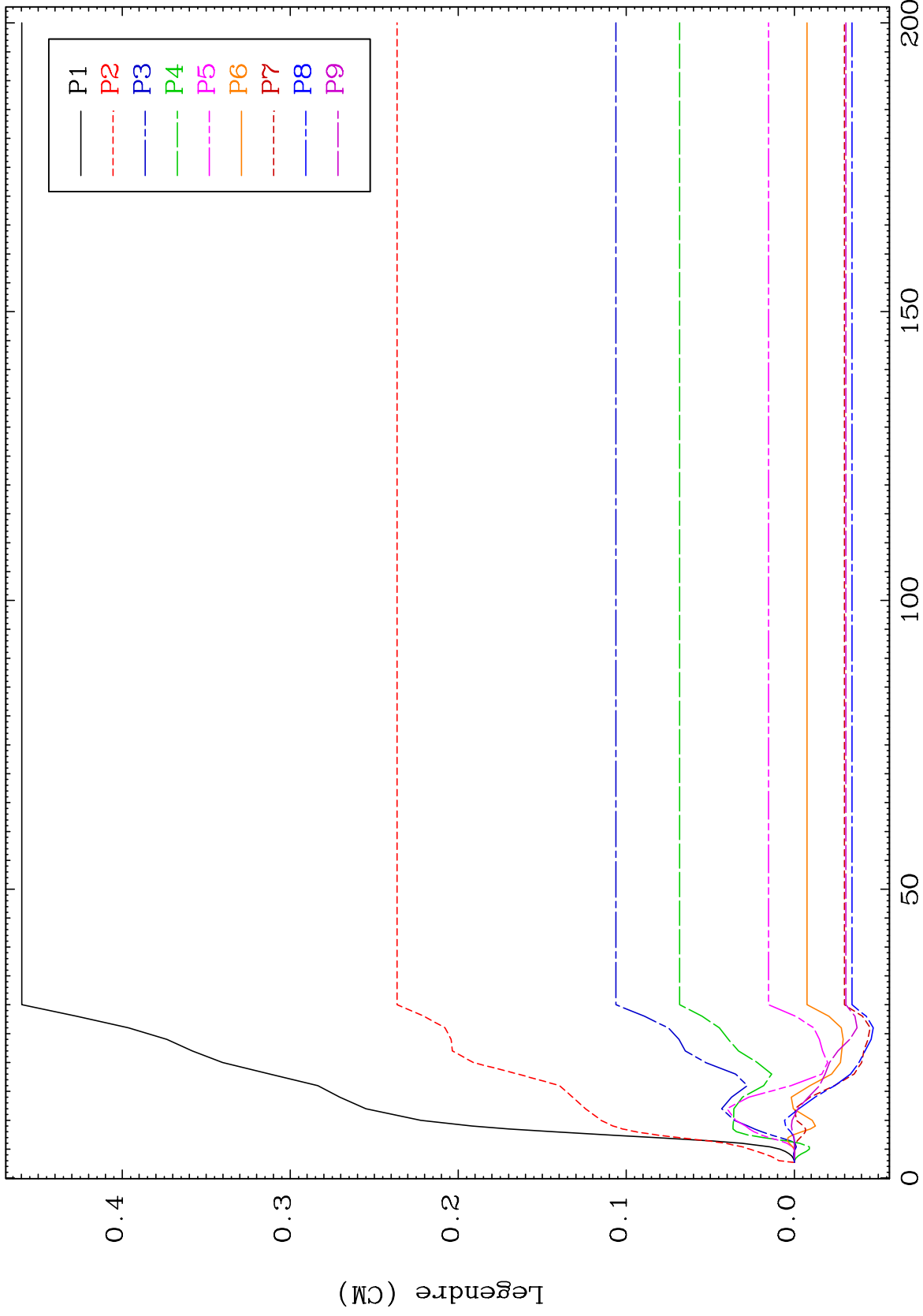




MAT 3637

2.656 MeV (n,n') Level
Legendre Coefficients

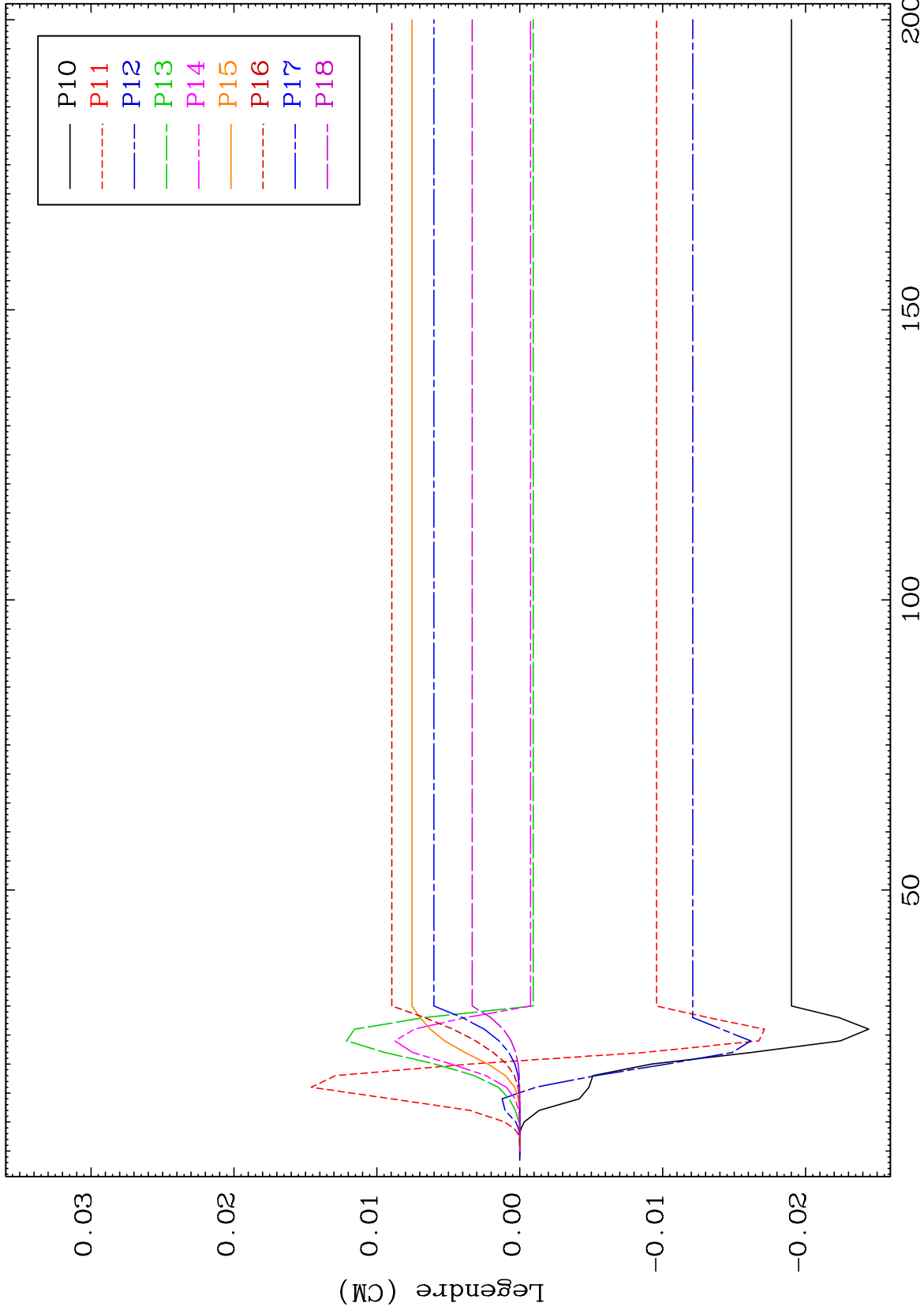
36-Kr-82



78

Incident Energy (MeV)

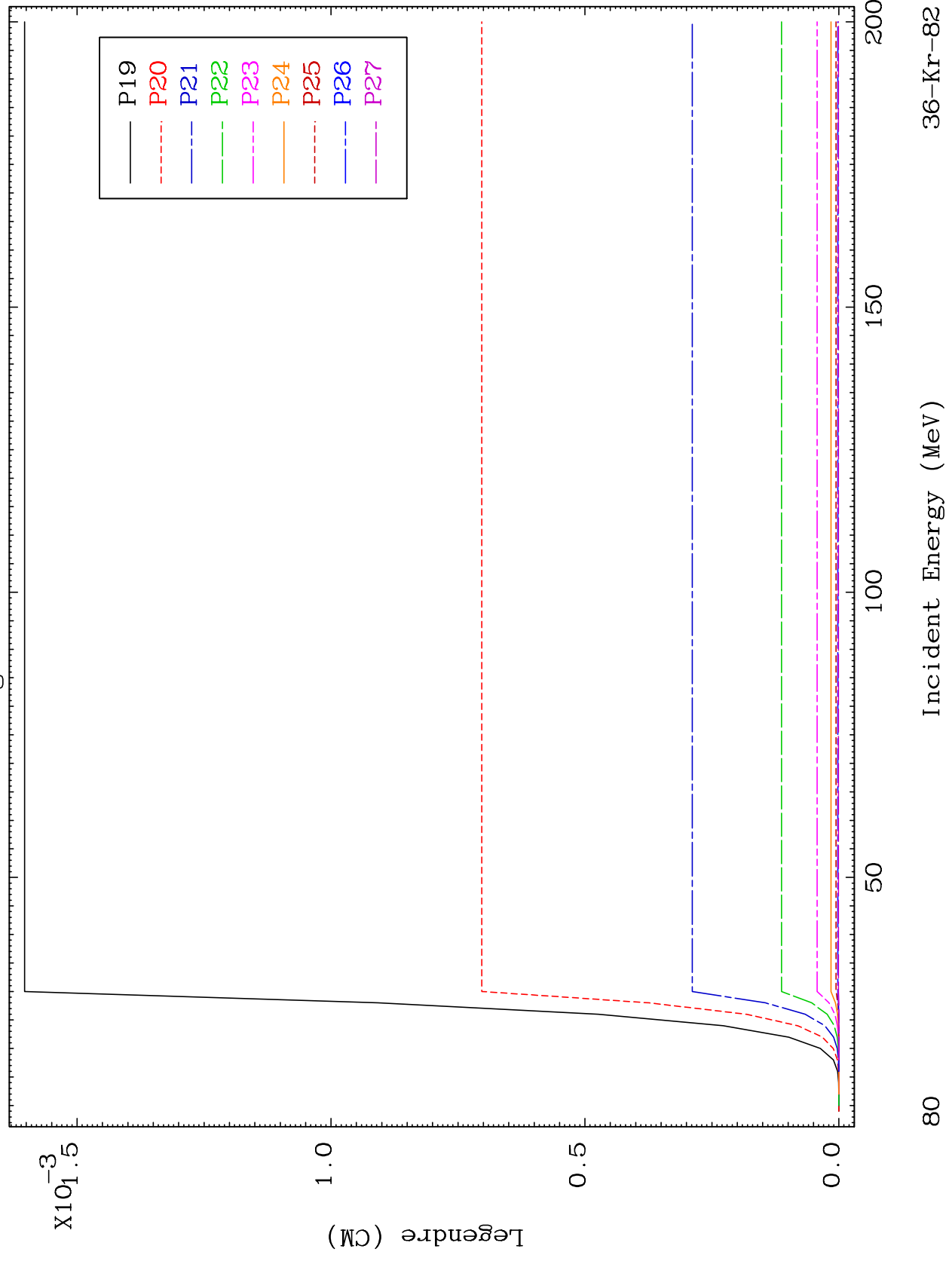
36-Kr-82

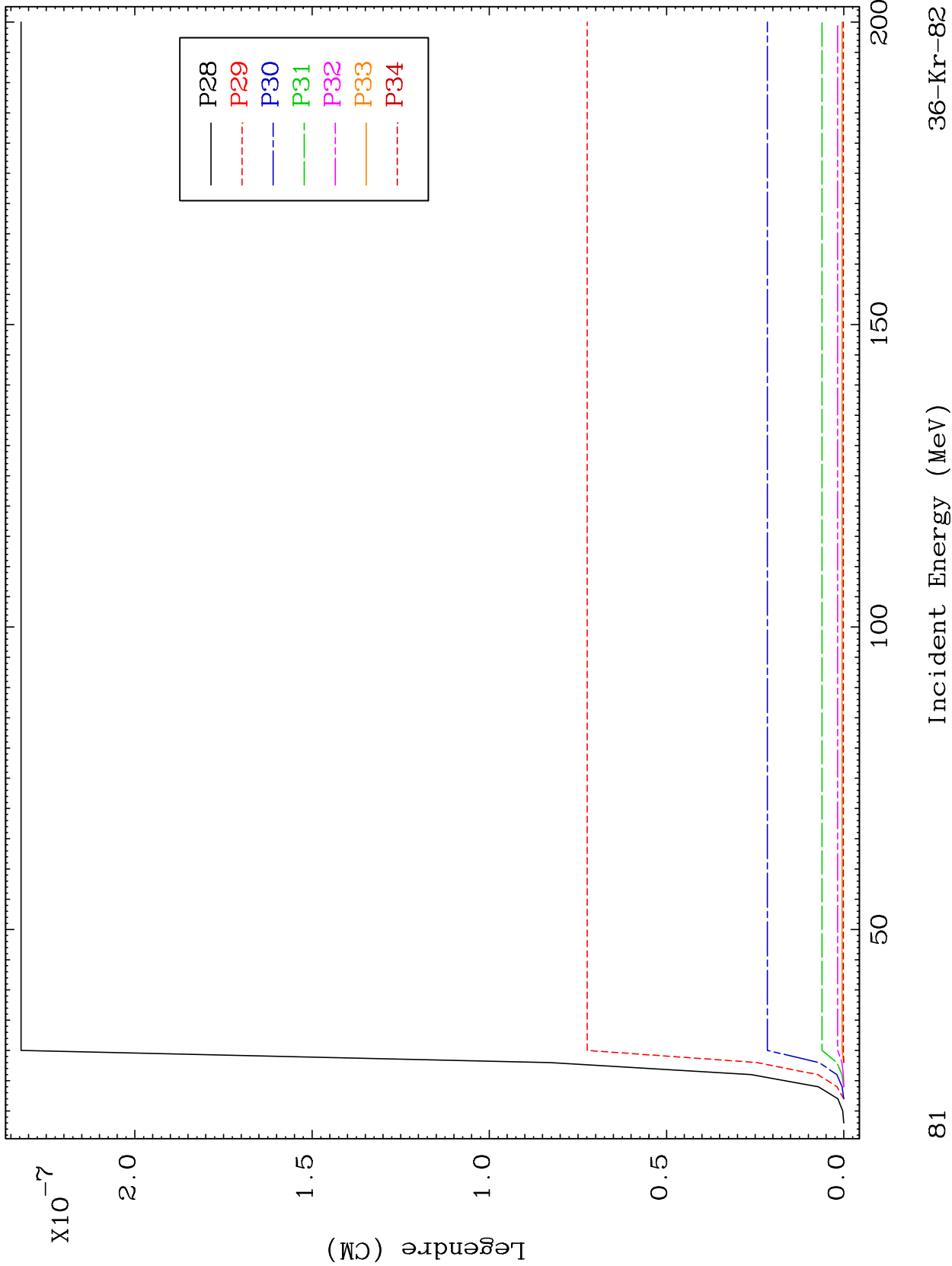


MAT 3637

2.656 MeV (n,n') Level
Legendre Coefficients

36-Kr-82

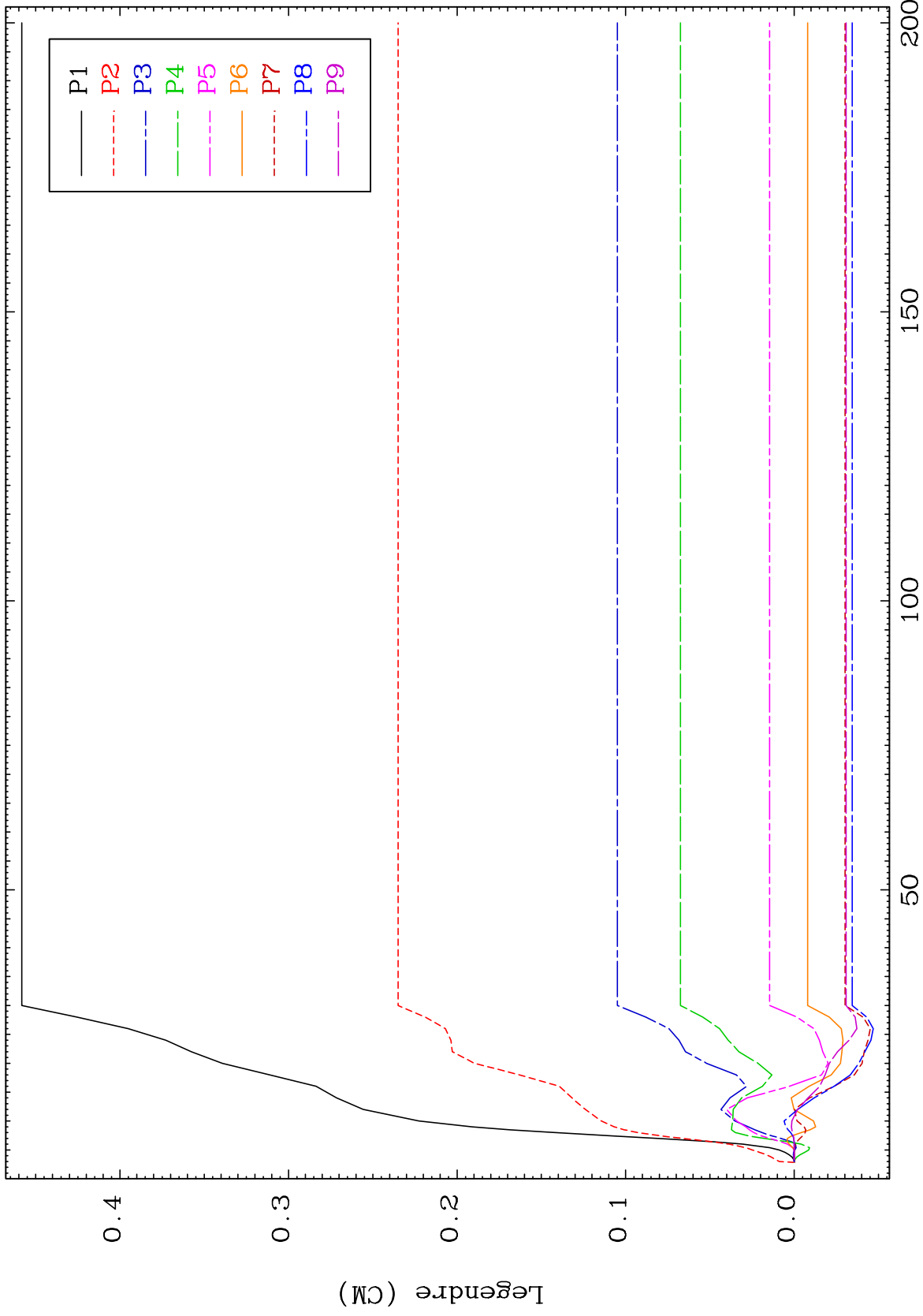




MAT 3637

2.798 MeV (n,n') Level
Legendre Coefficients

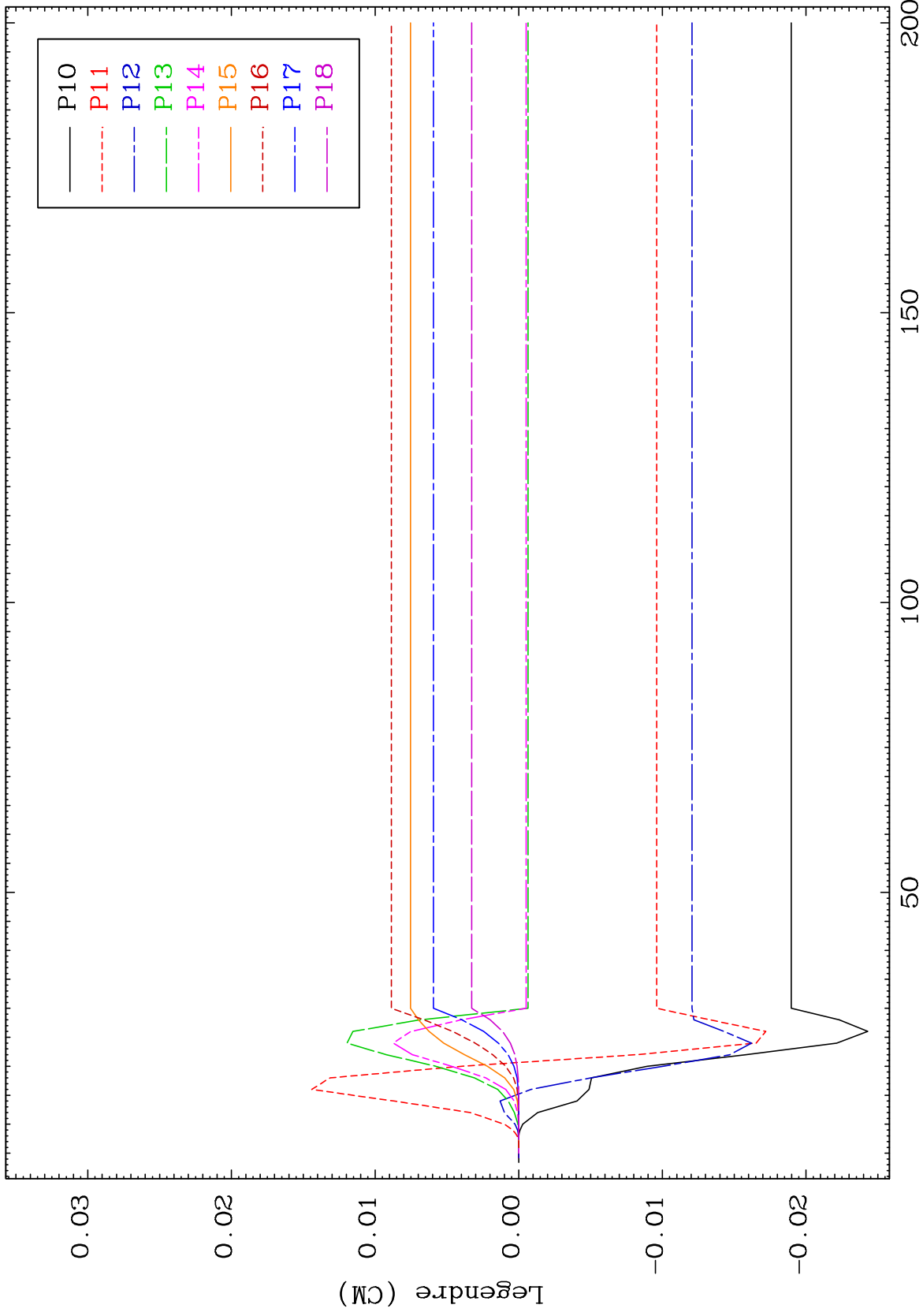
36-Kr-82



82

Incident Energy (MeV)

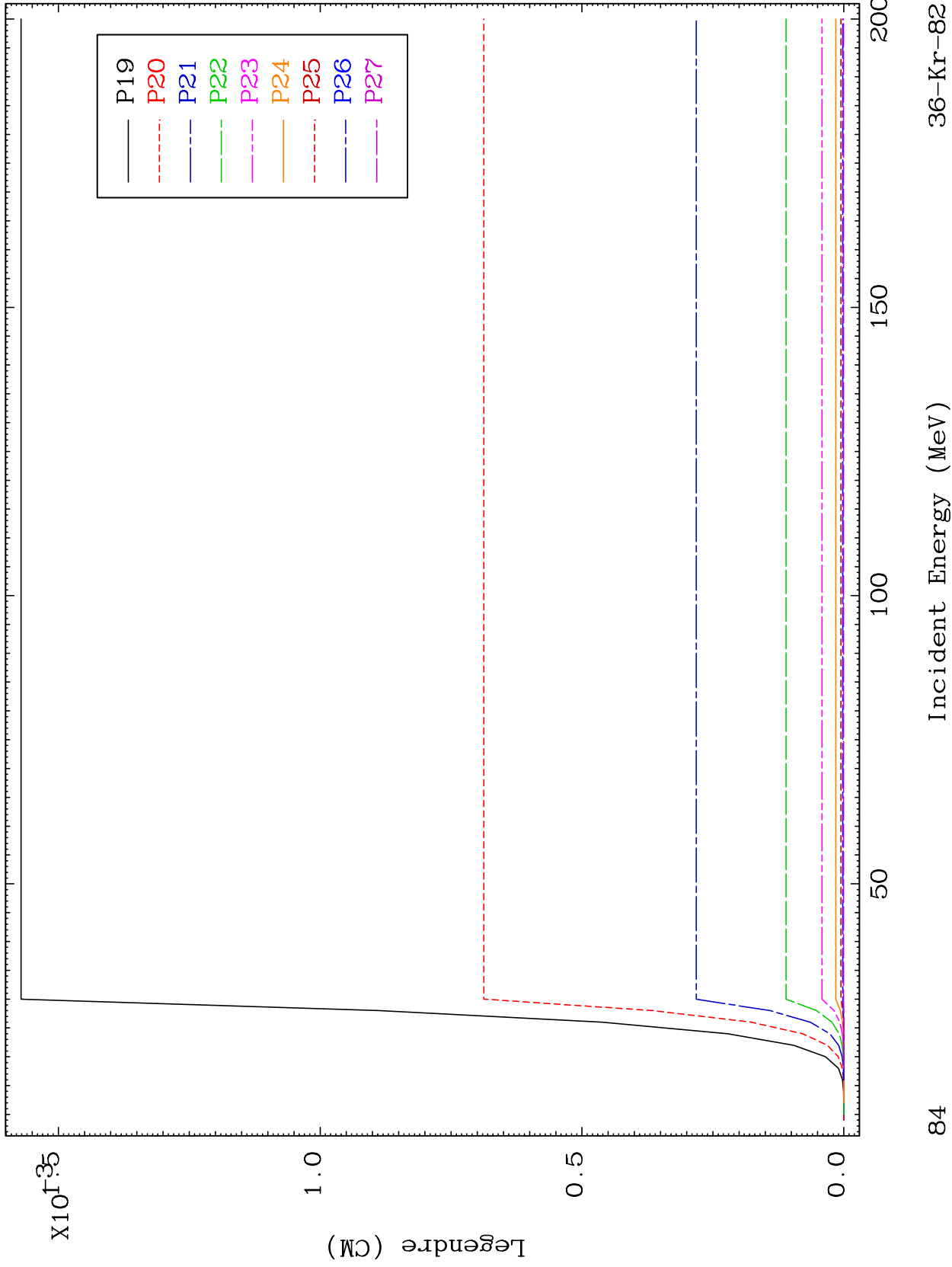
36-Kr-82



MAT 3637

2.798 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



84

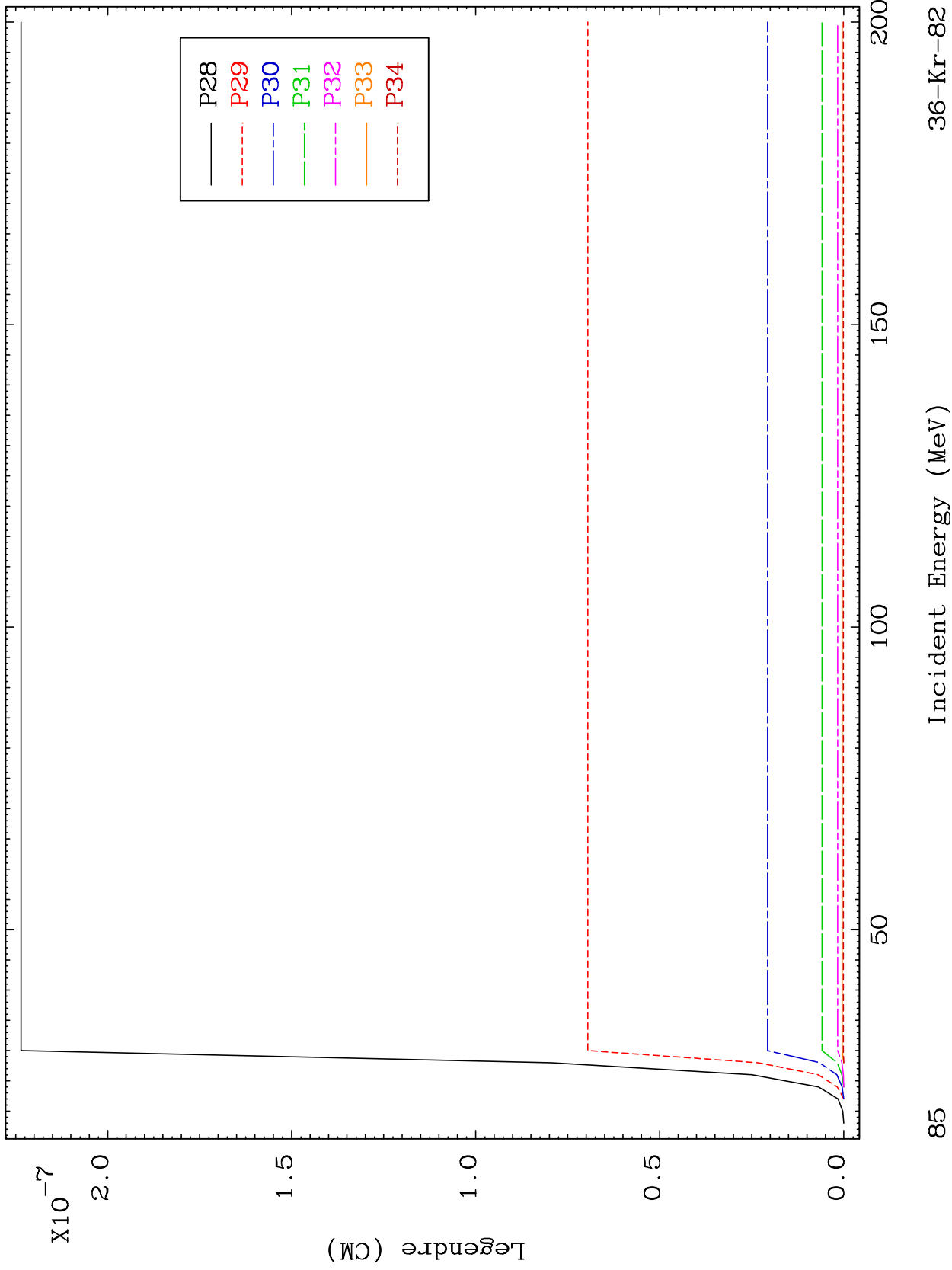
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.798 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



85

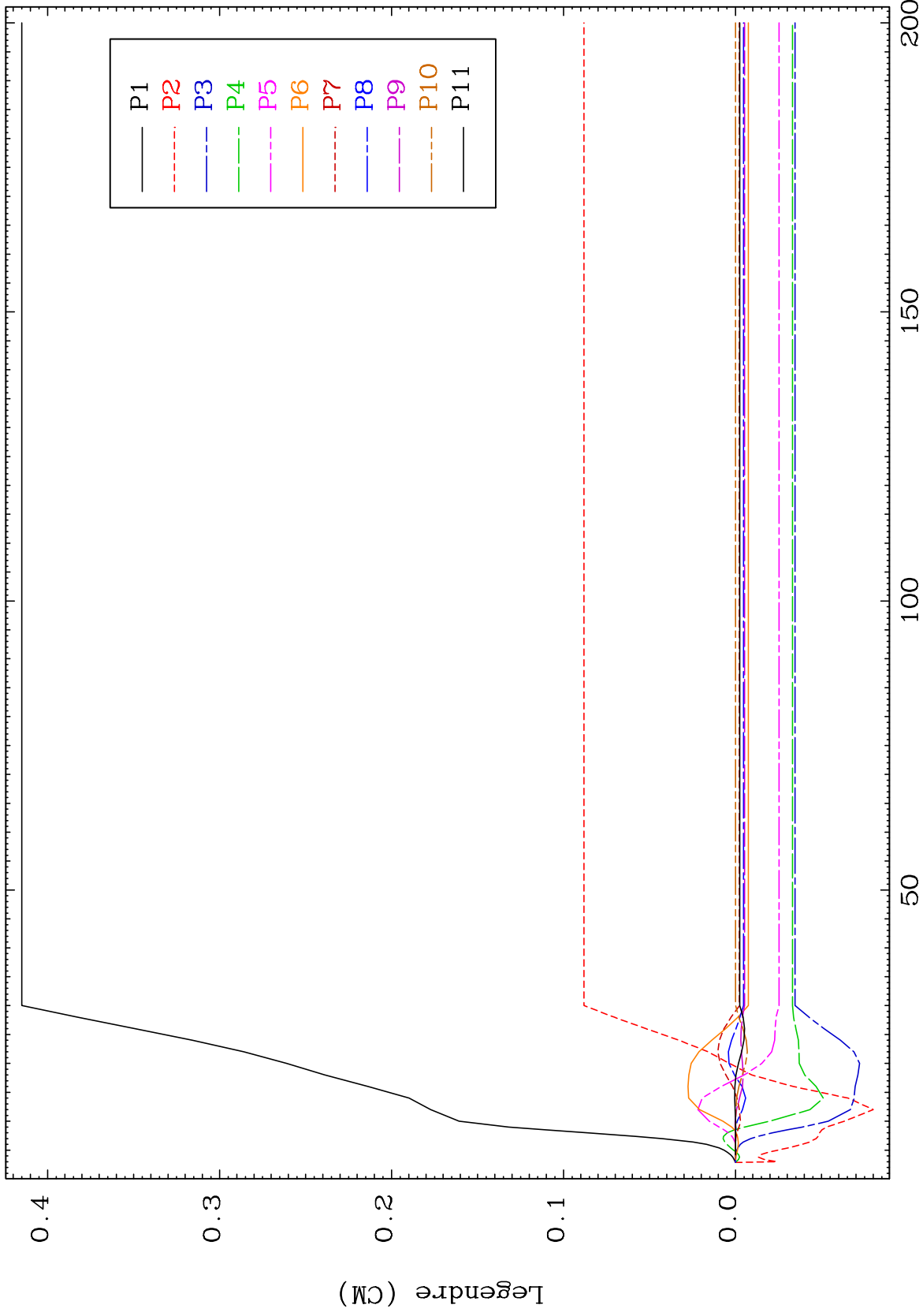
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.828 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



86

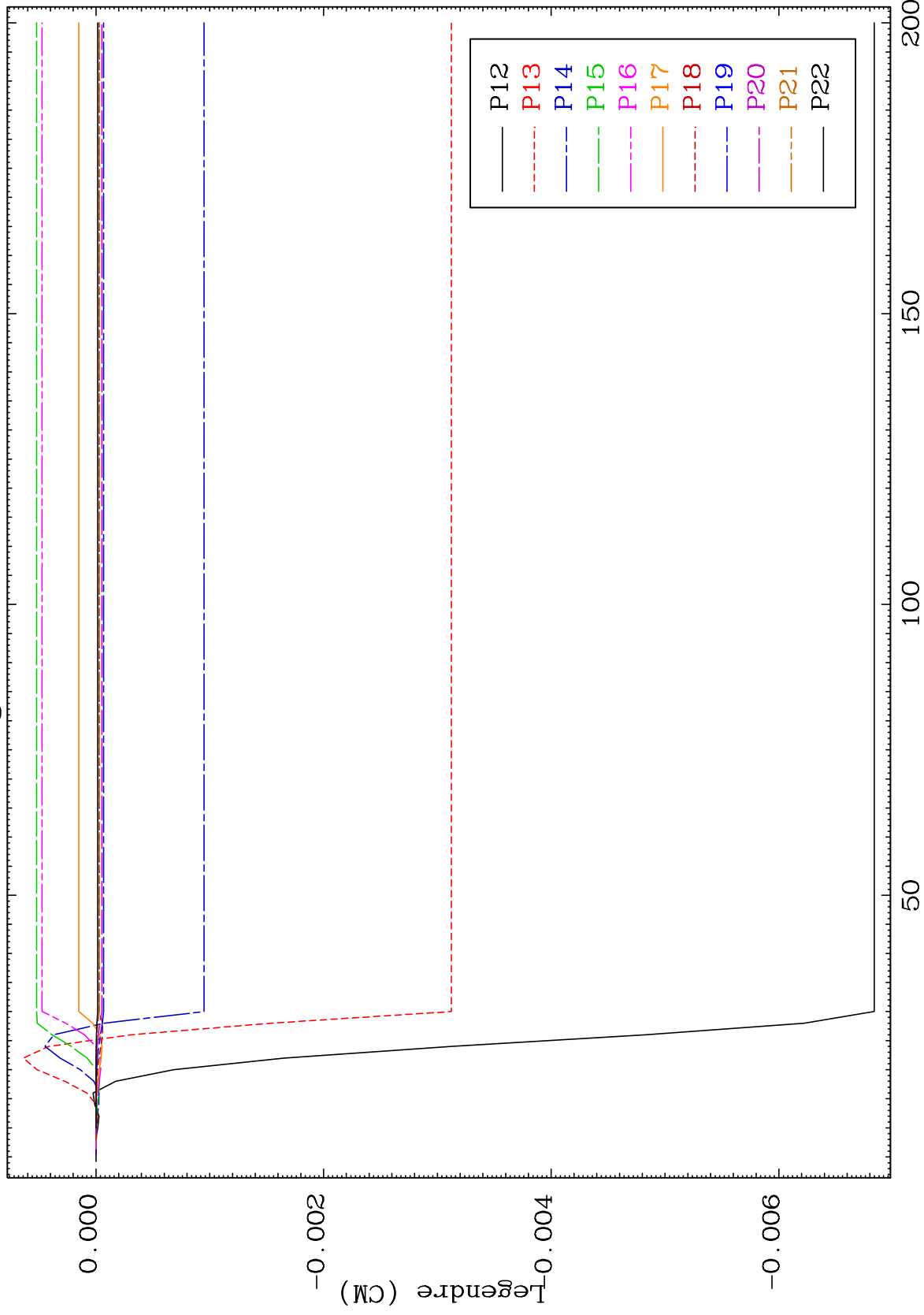
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.828 MeV (n,n') Level
Legendre Coefficients

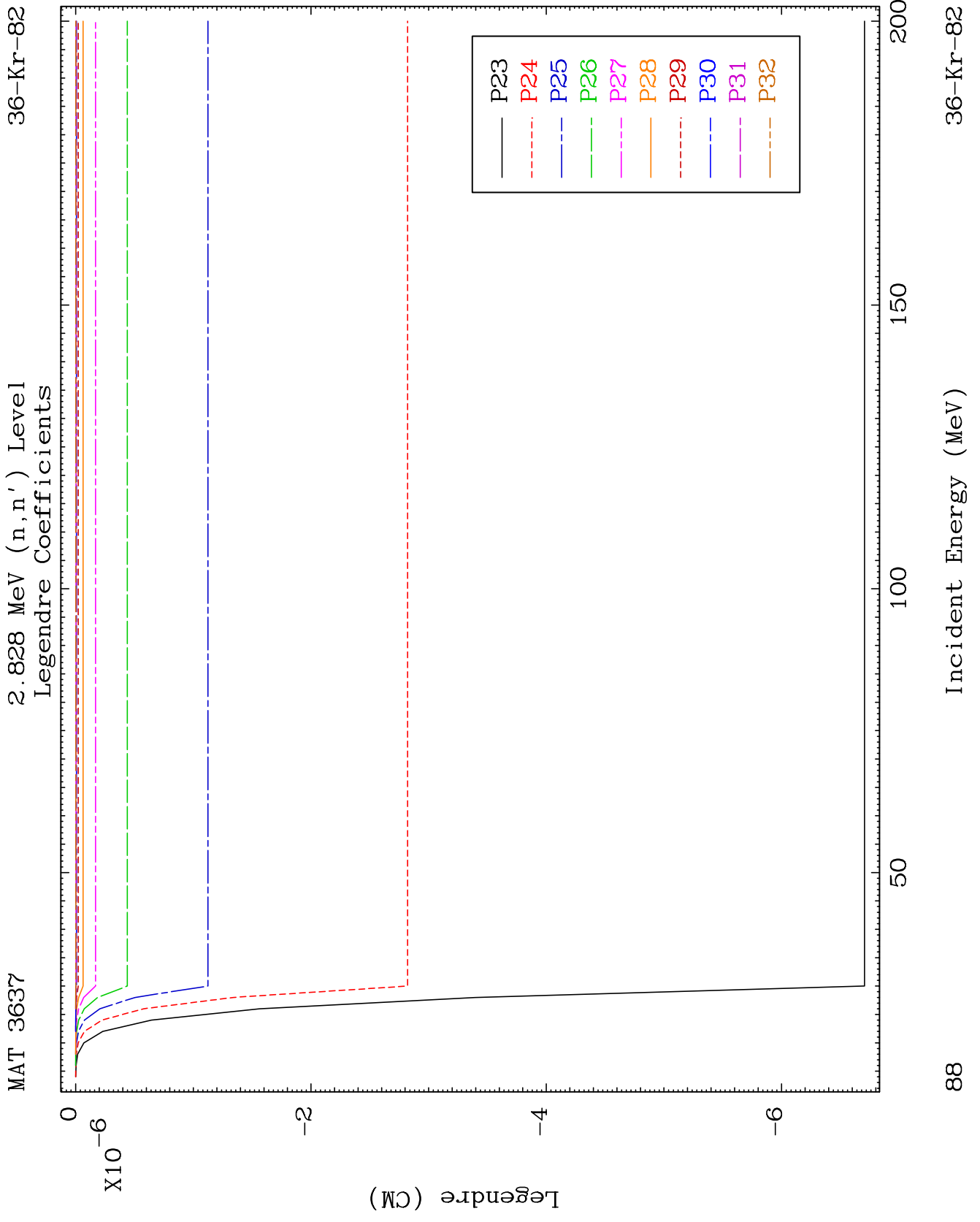
36-Kr-82



87

Incident Energy (MeV)

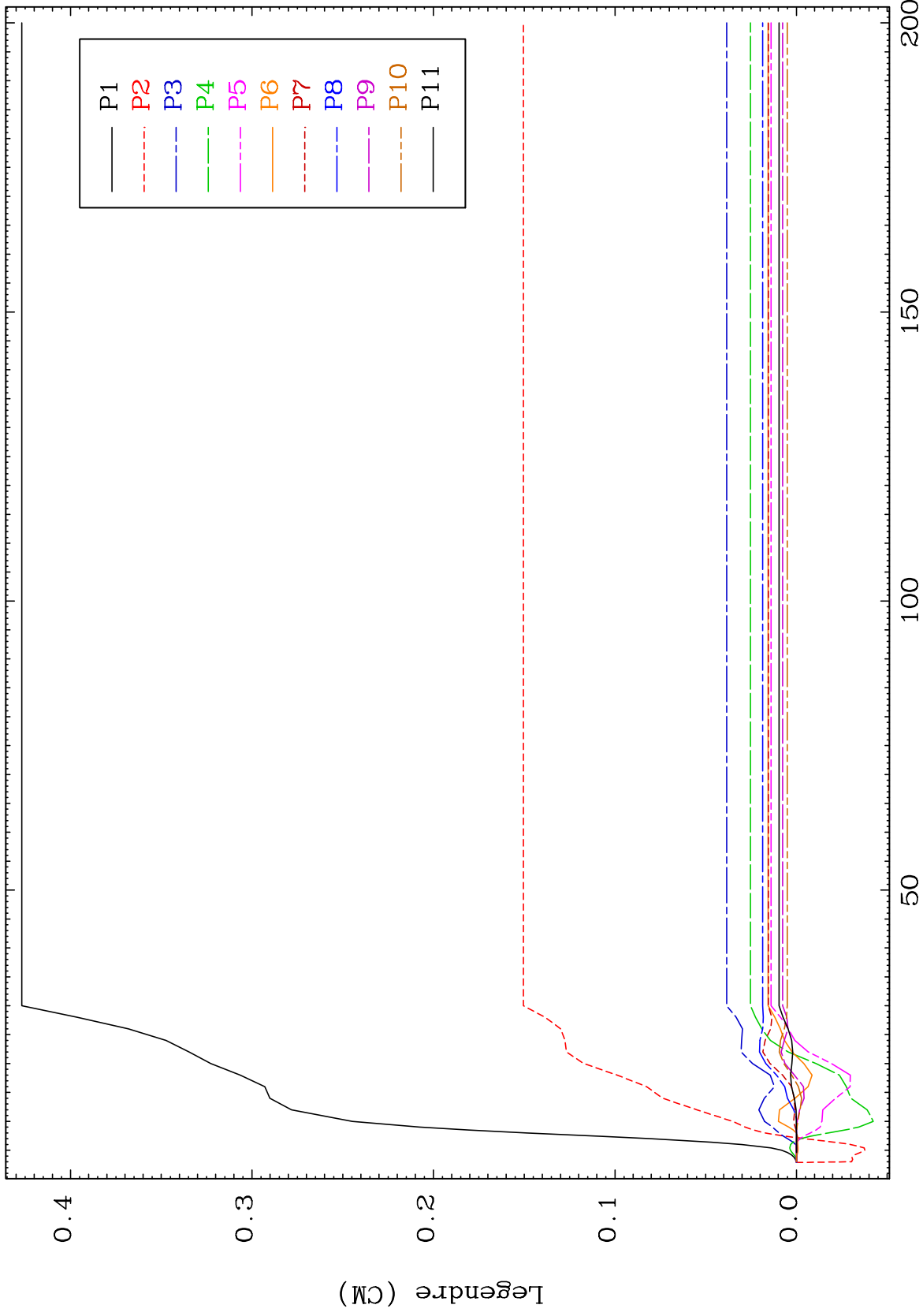
36-Kr-82



MAT 3637

2.850 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



89

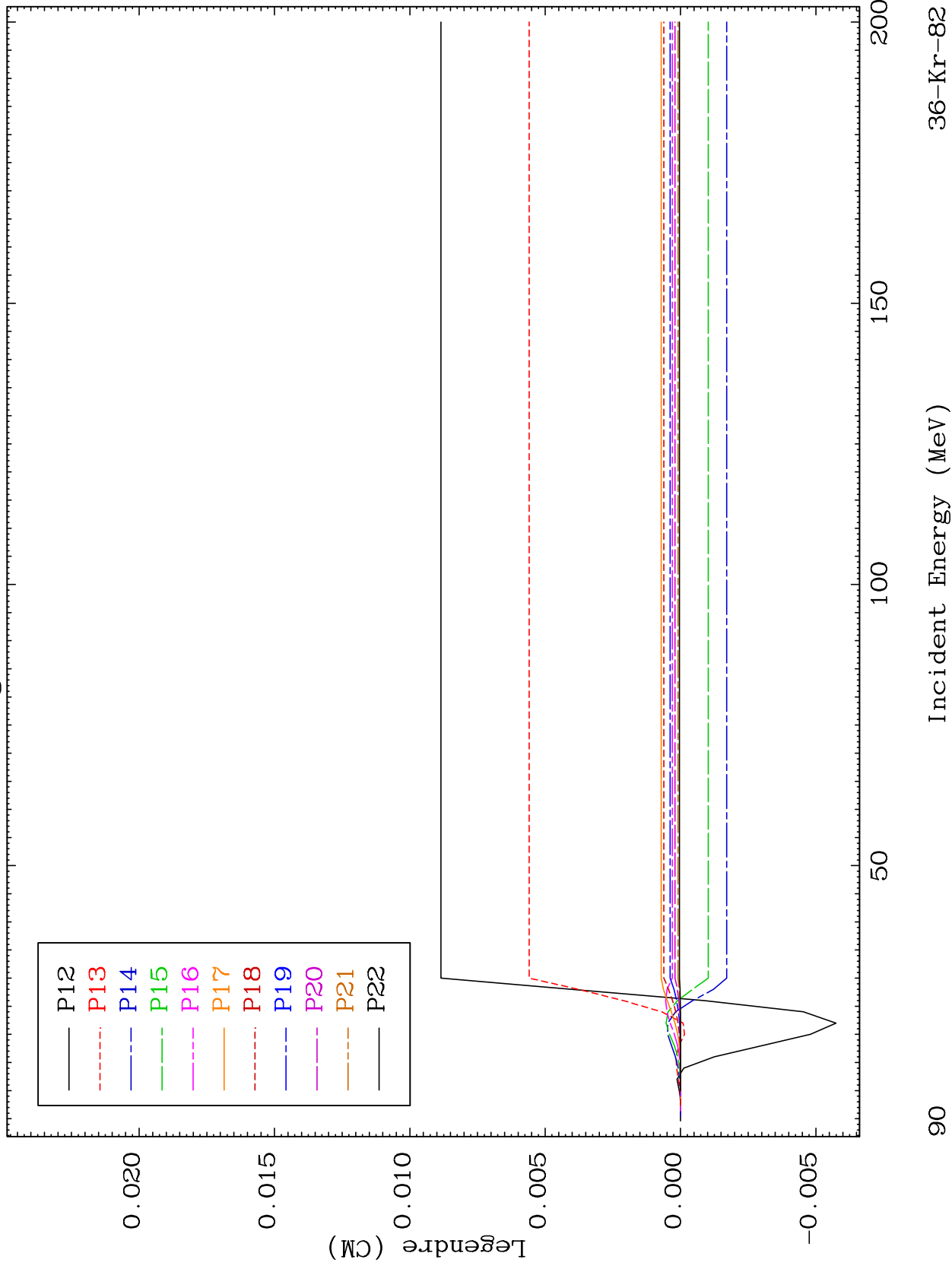
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.850 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



90

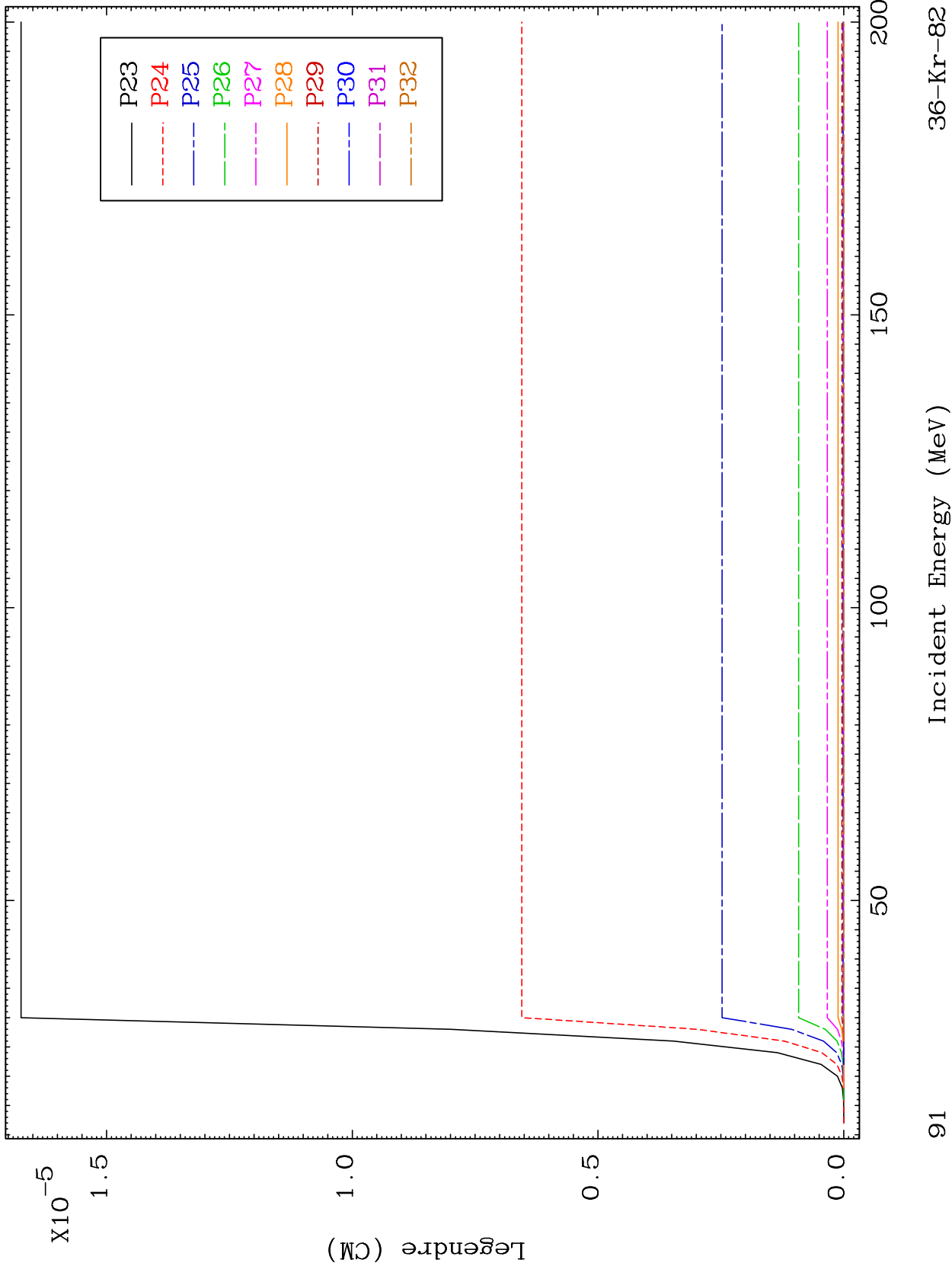
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.850 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



91

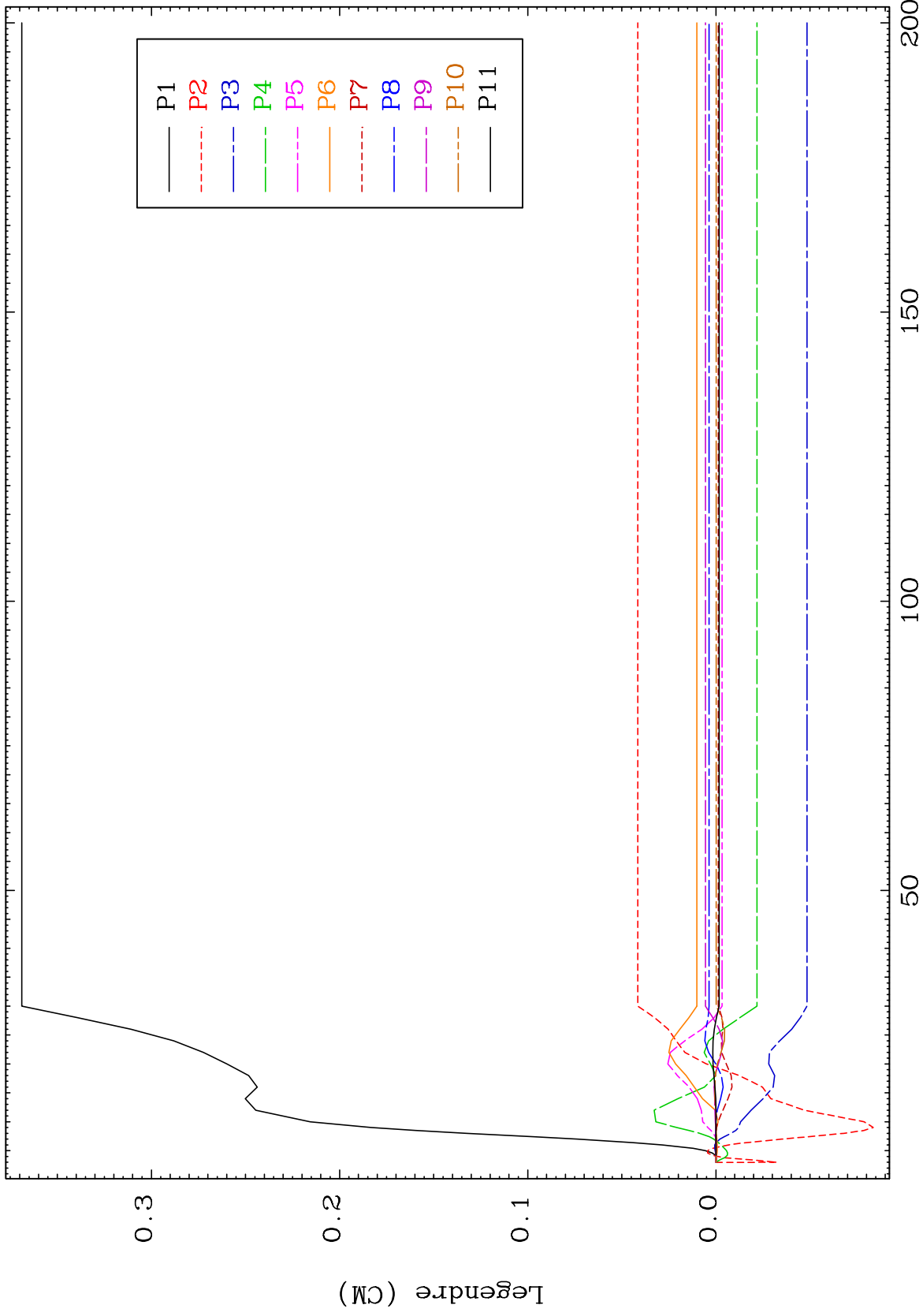
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.920 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



92

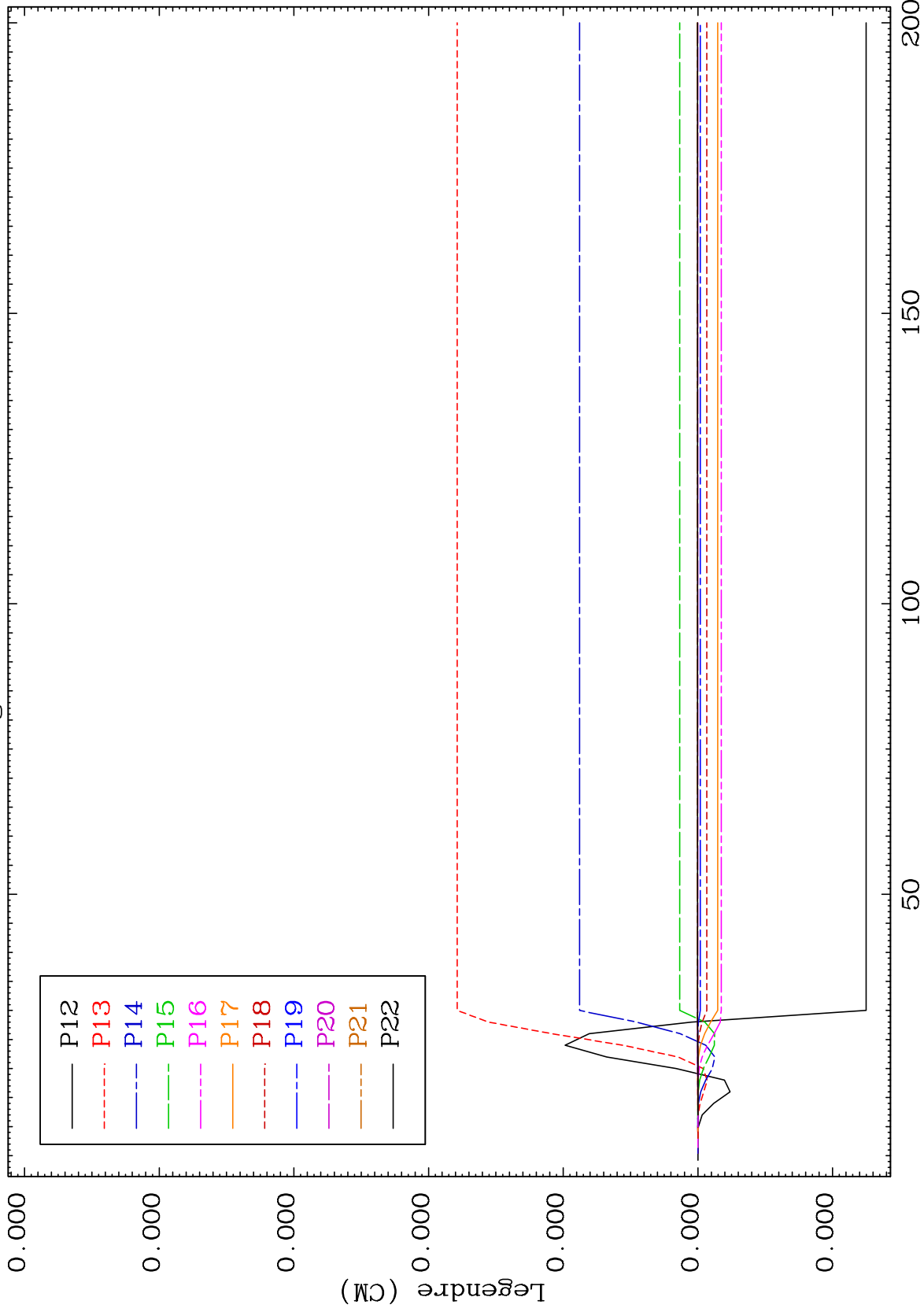
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.920 MeV (n,n') Level
Legendre Coefficients

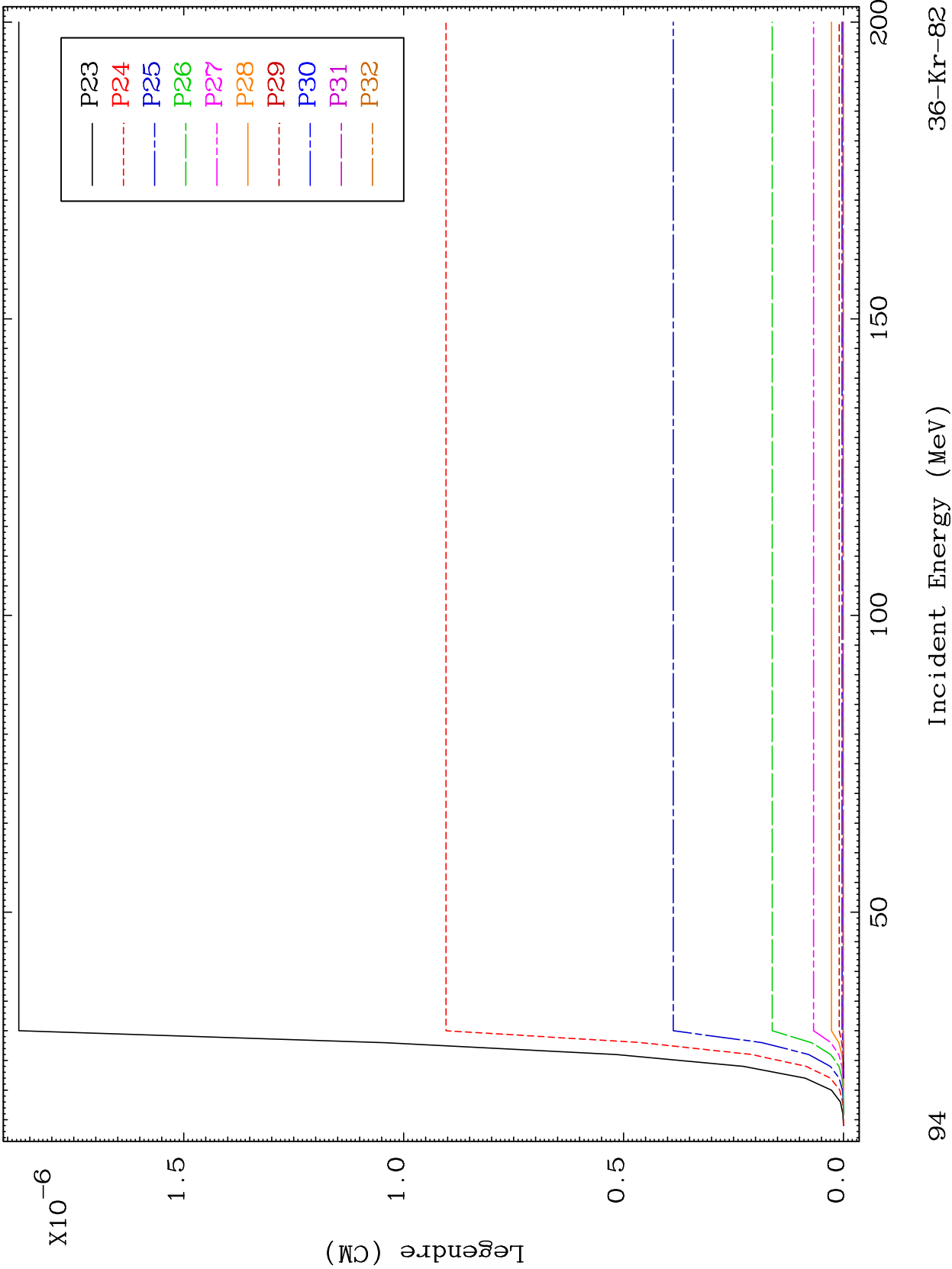
36-Kr-82



MAT 3637

2.920 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



94

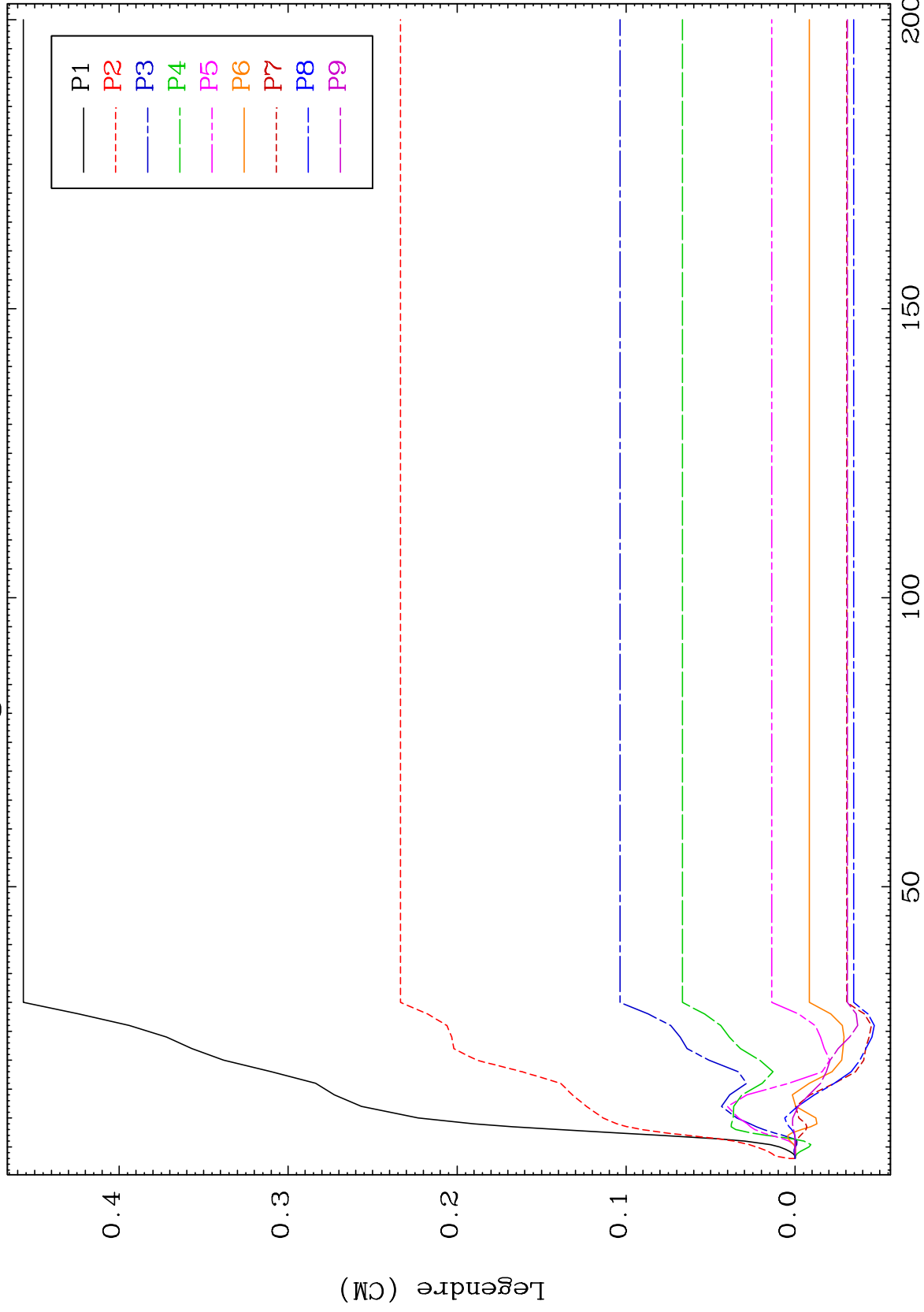
Incident Energy (MeV)

36-Kr-82

MAT 3637

2.944 MeV (n,n') Level
Legendre Coefficients

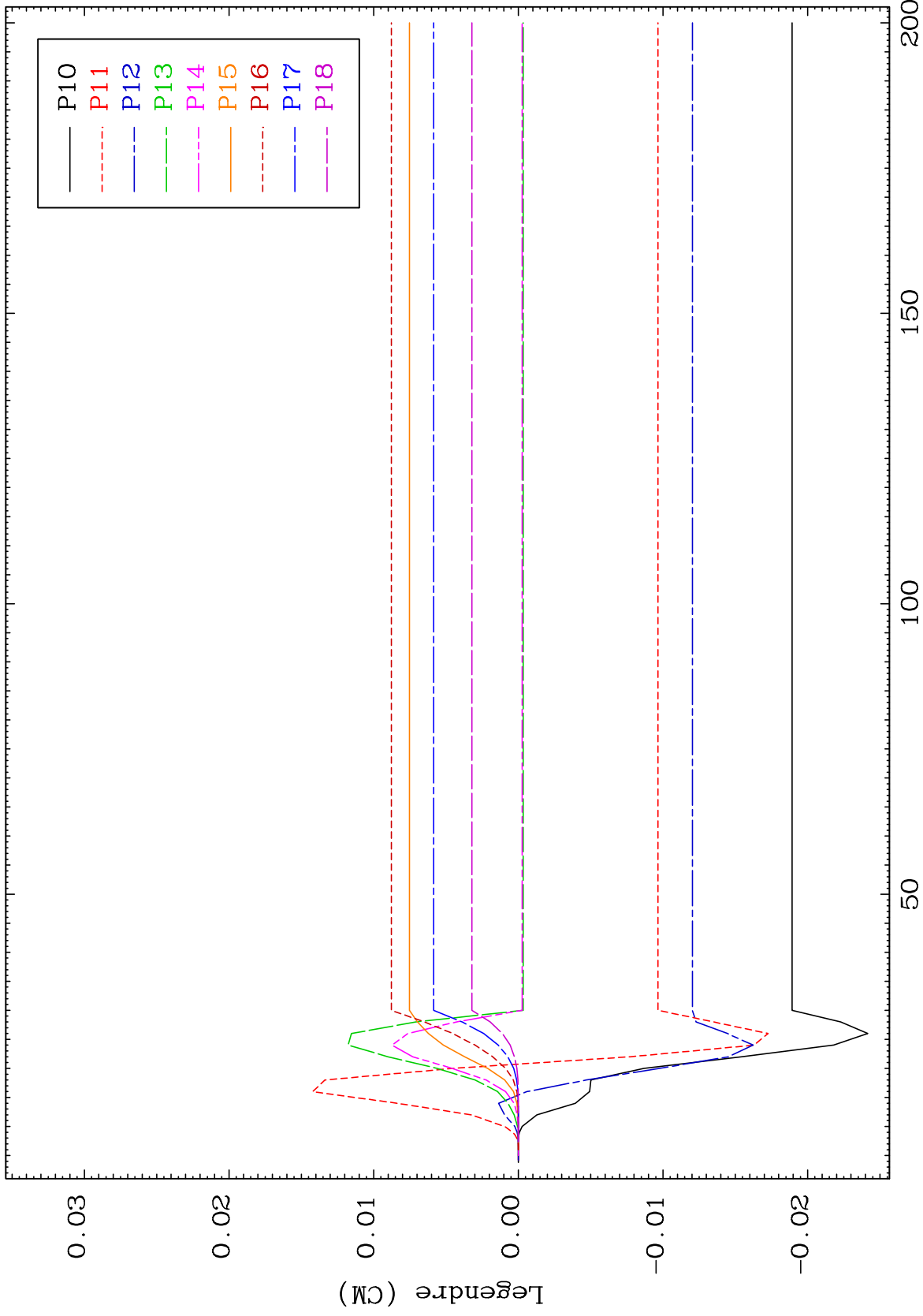
36-Kr-82



95

Incident Energy (MeV)

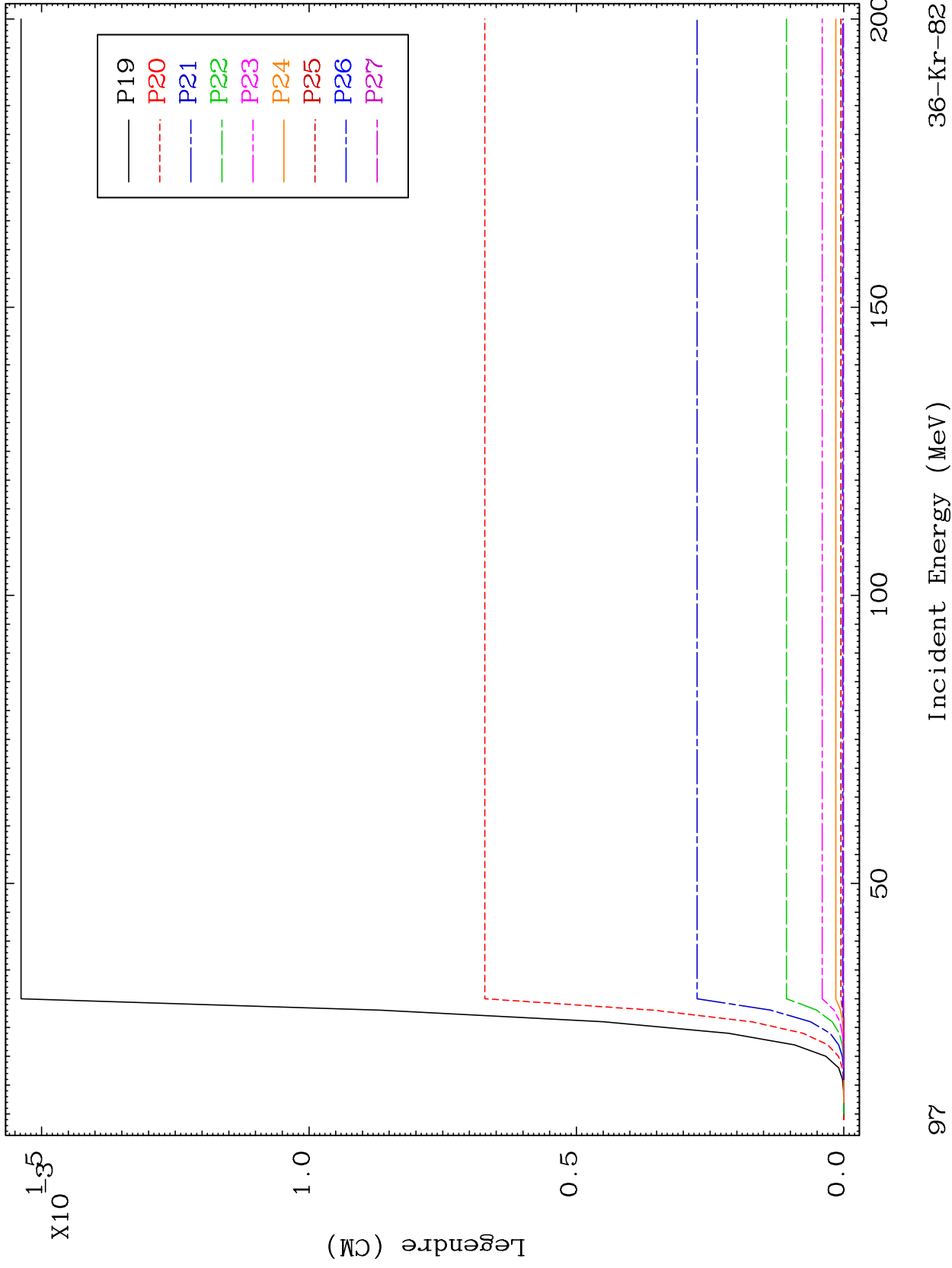
36-Kr-82



MAT 3637

2.944 MeV (n,n') Level
Legendre Coefficients

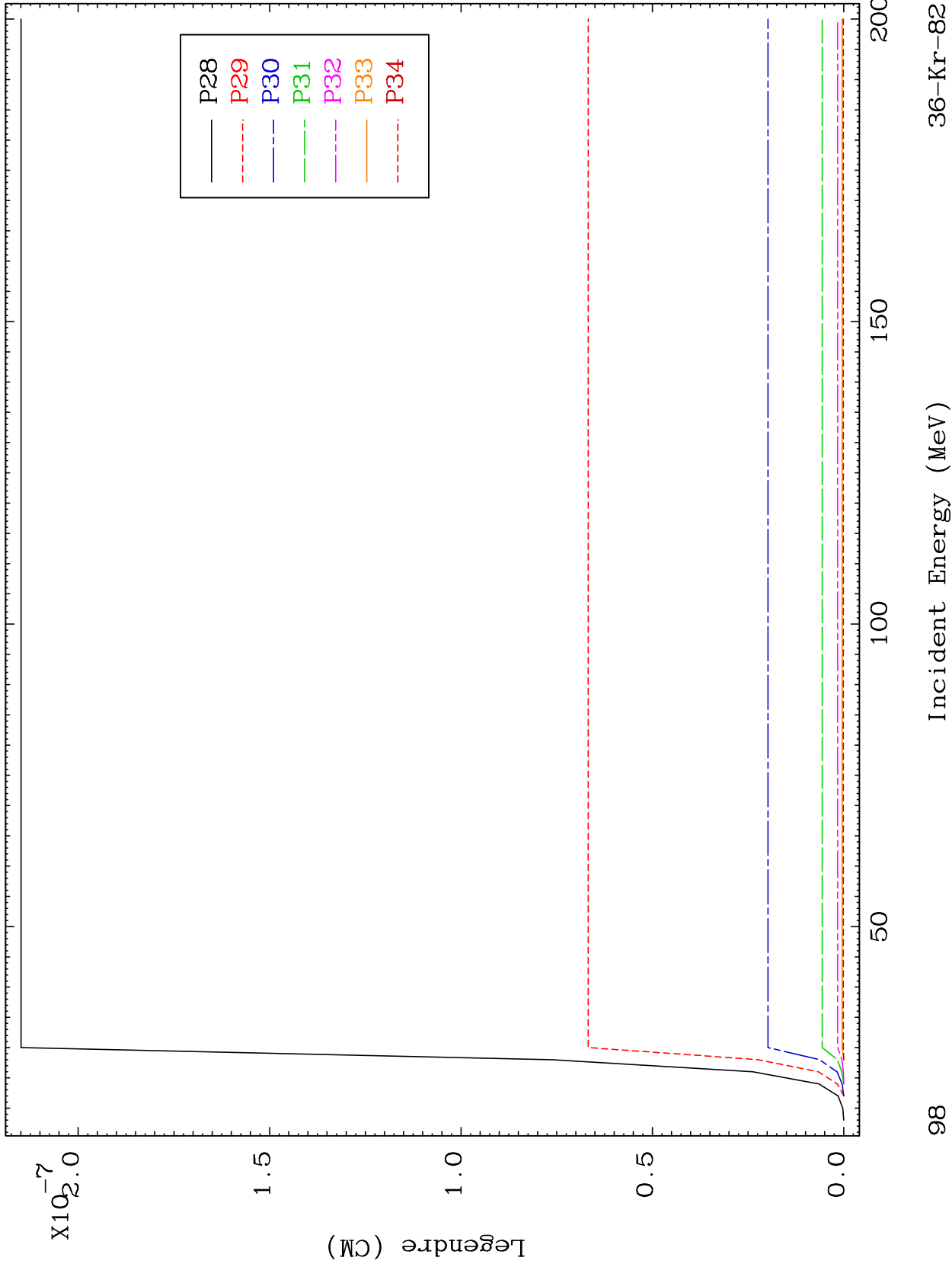
36-Kr-82



MAT 3637

2.944 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



98

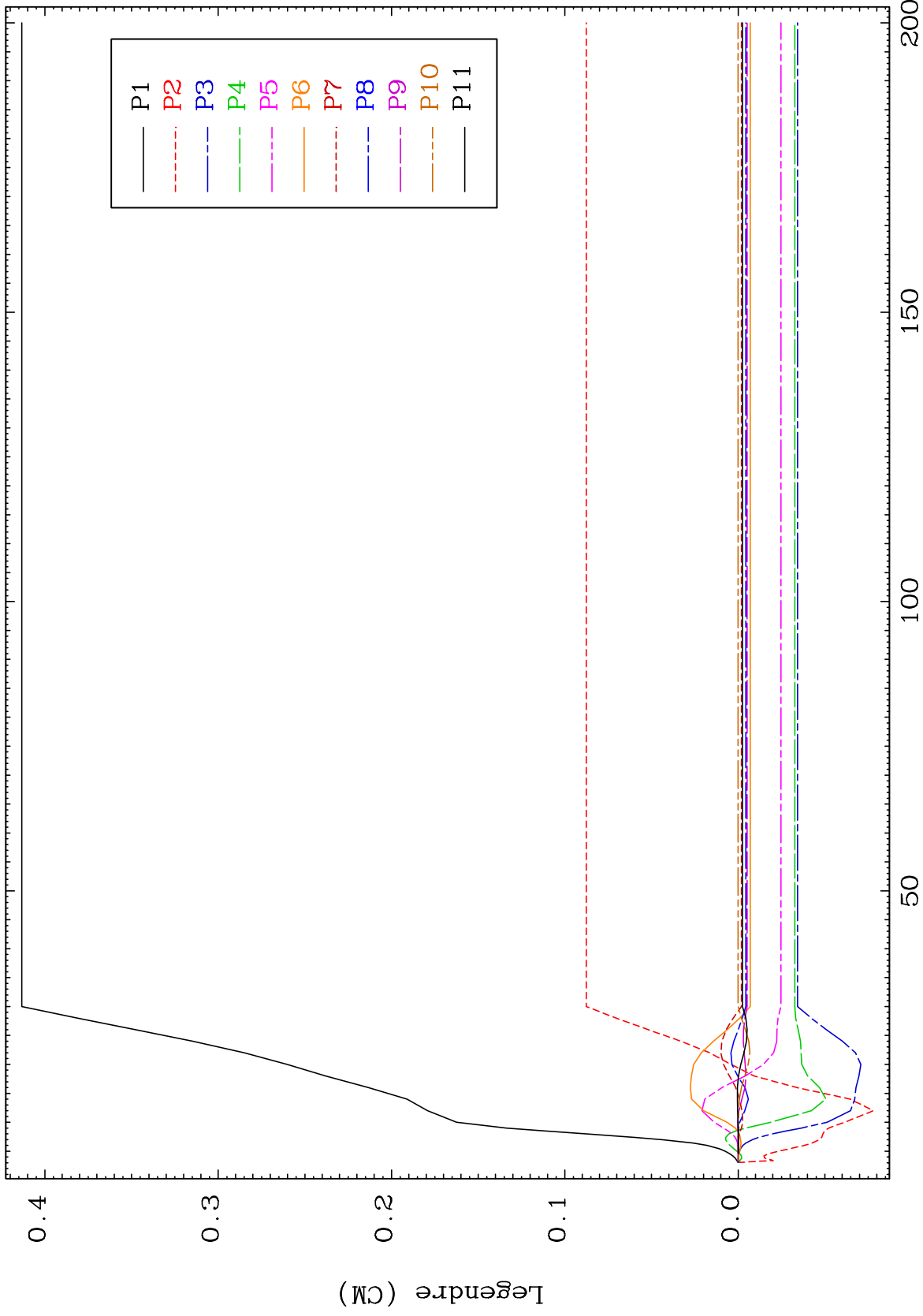
Incident Energy (MeV)

36-Kr-82

MAT 3637

3.011 MeV (n,n') Level
Legendre Coefficients

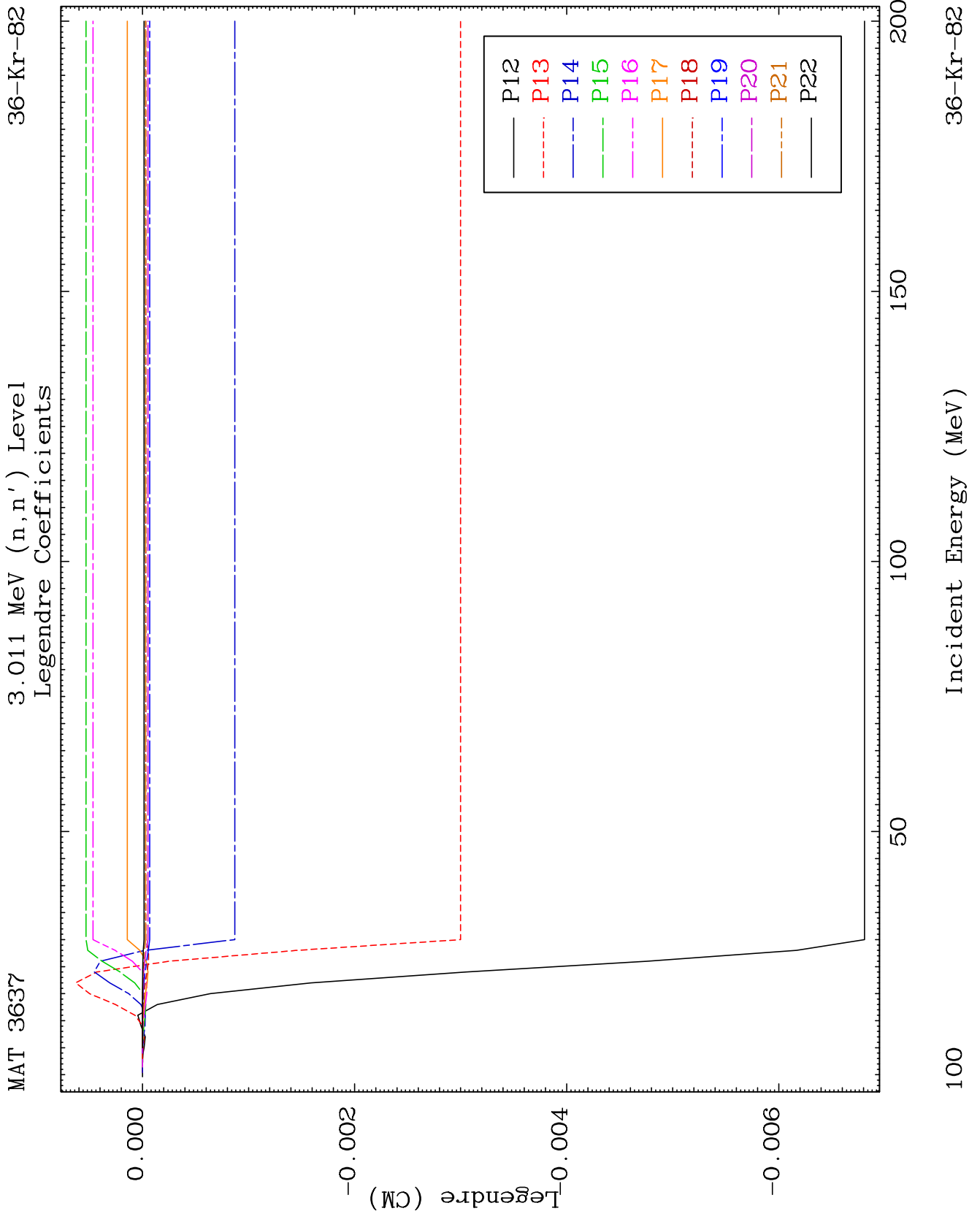
36-Kr-82

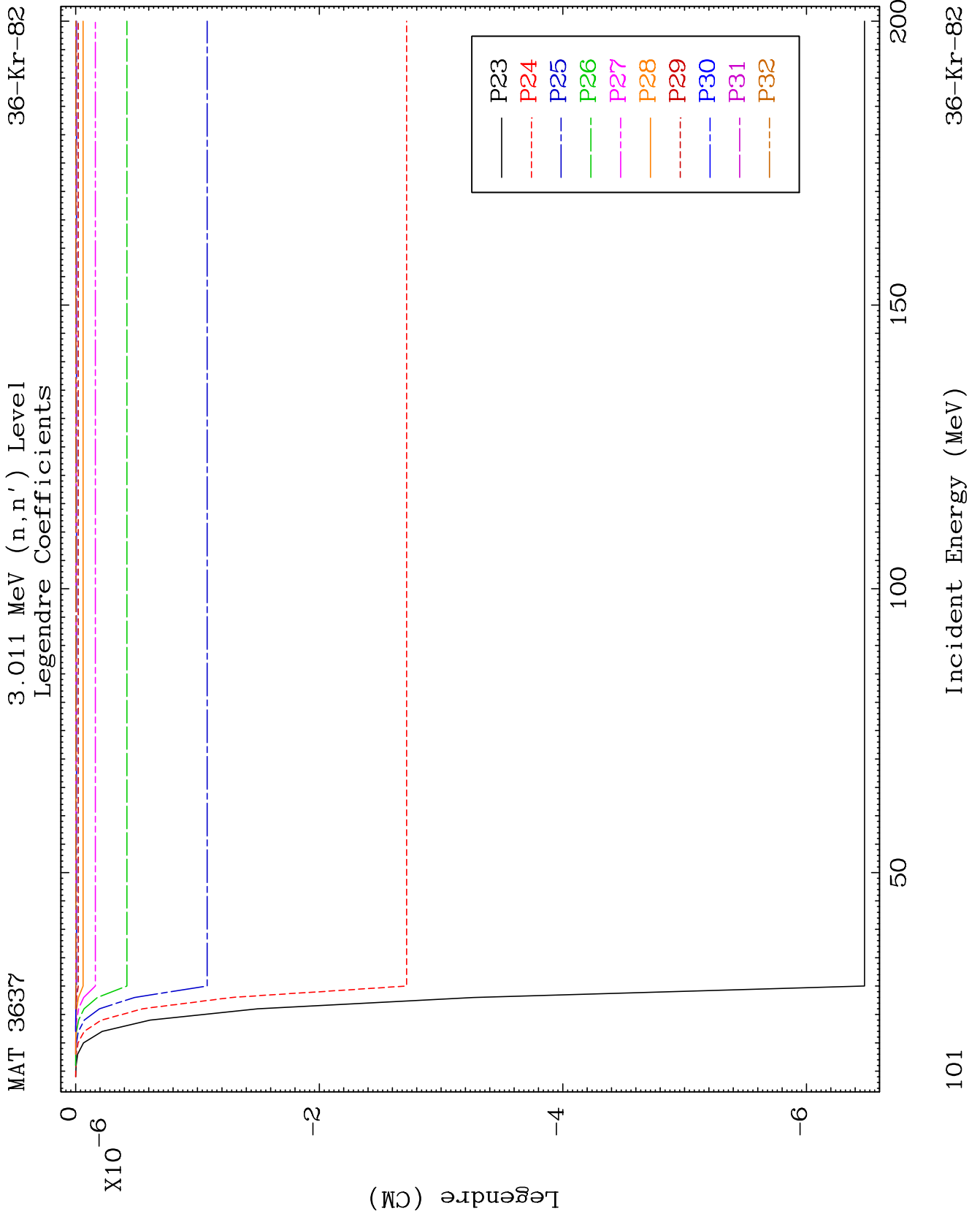


99

Incident Energy (MeV)

36-Kr-82

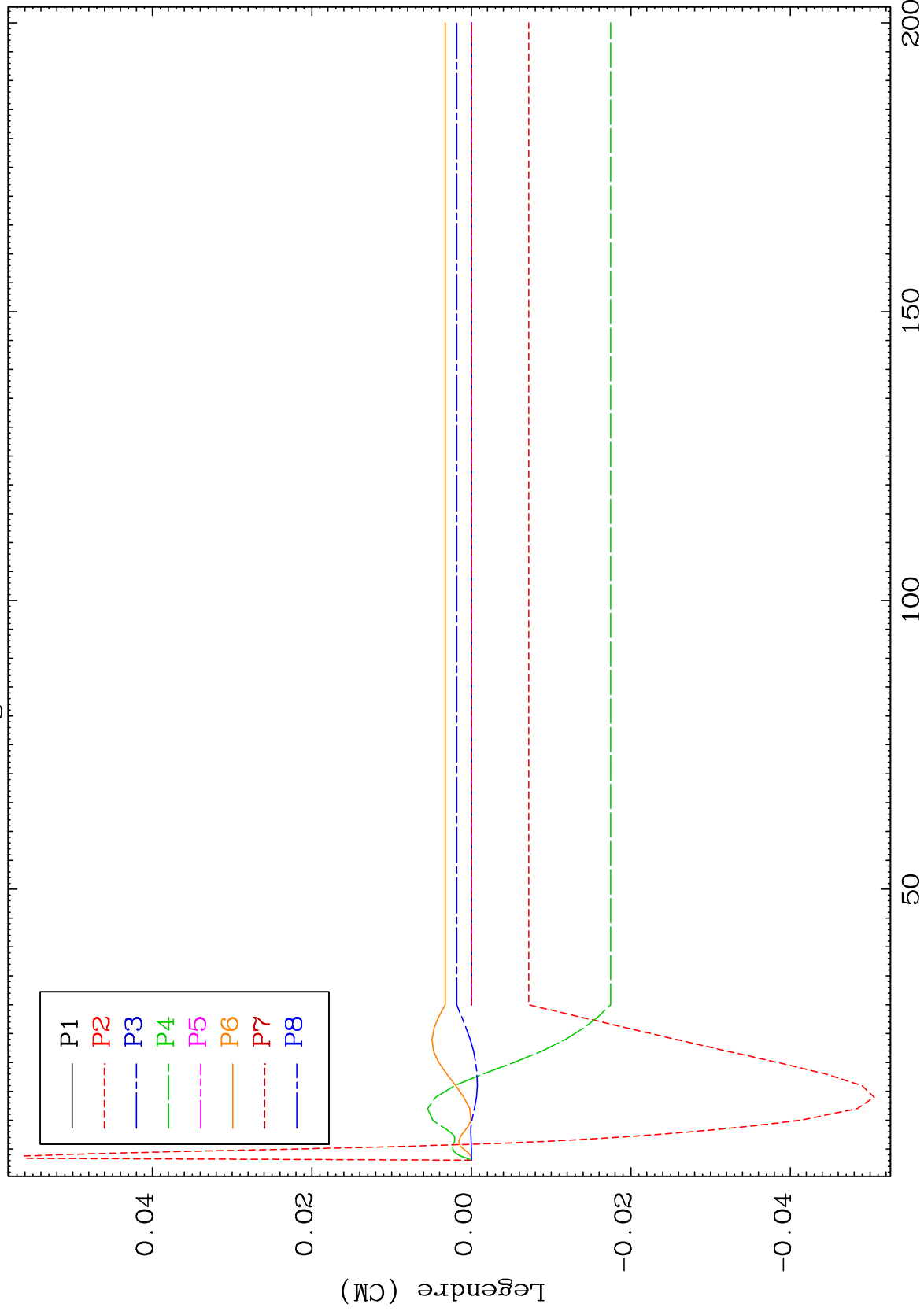




MAT 3637

3.038 MeV (n,n') Level
Legendre Coefficients

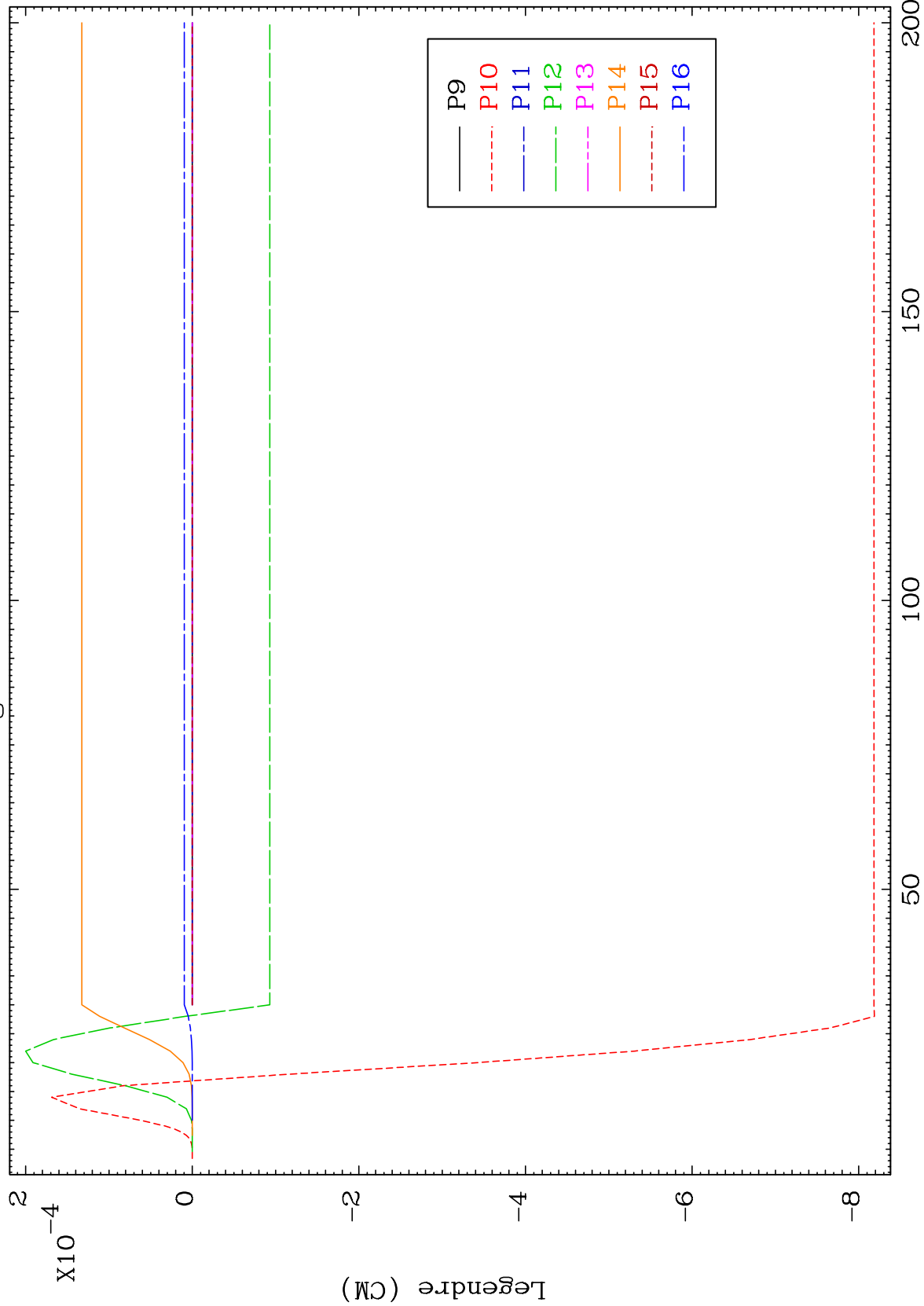
36-Kr-82

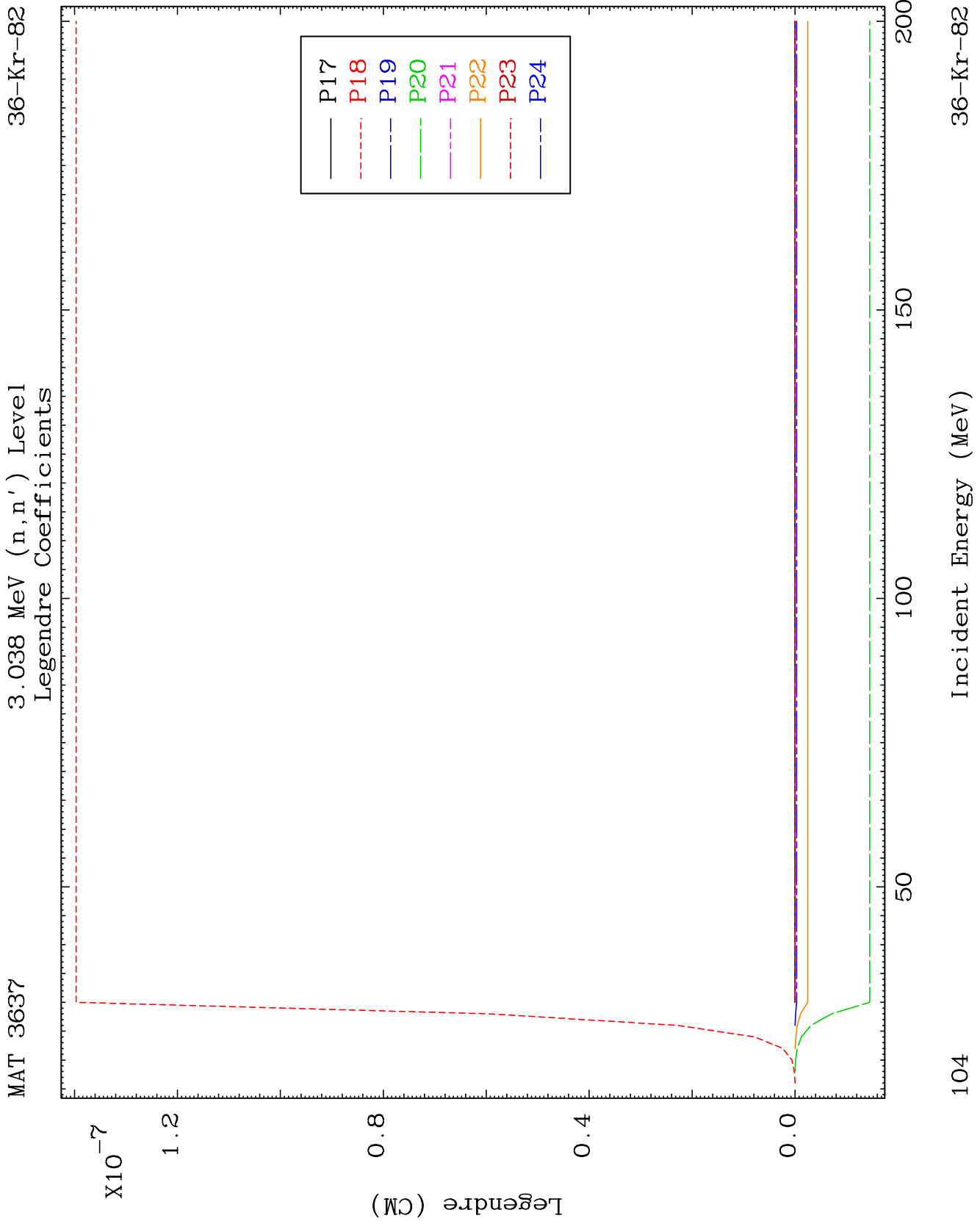


102

Incident Energy (MeV)

36-Kr-82

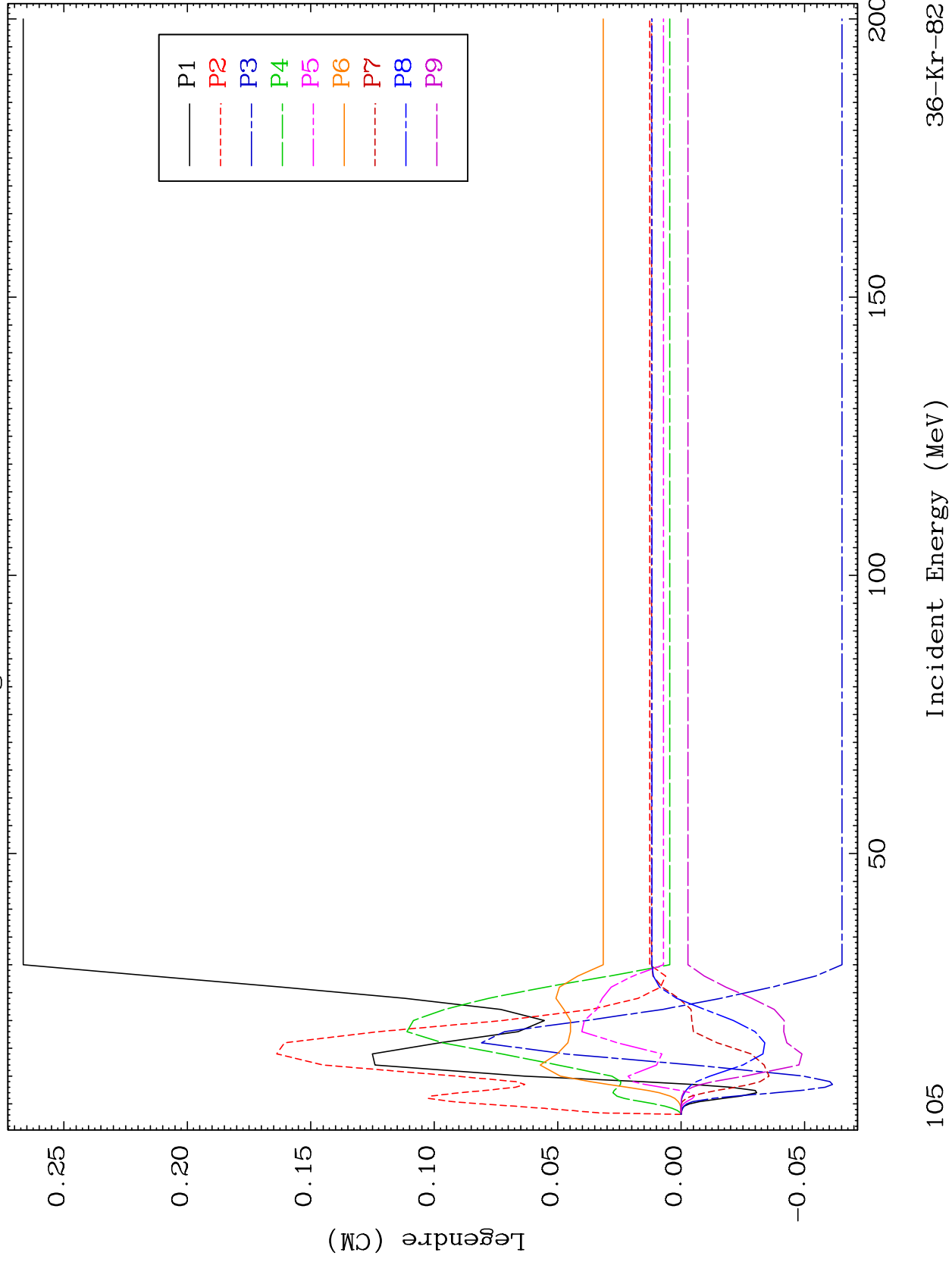




MAT 3637

3.077 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



36-Kr-82

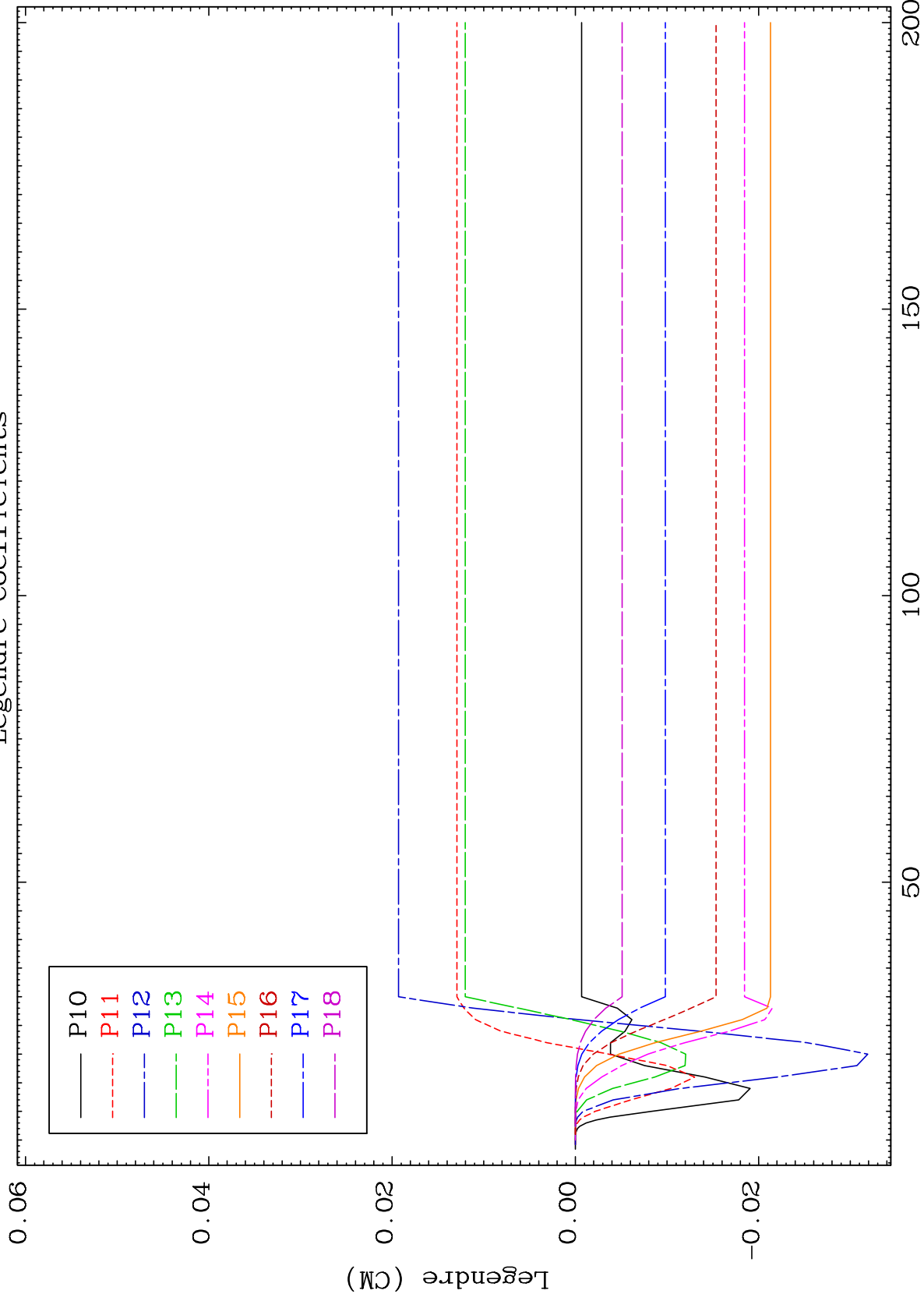
Incident Energy (MeV)

105

MAT 3637

3.077 MeV (n, n') Level
Legendre Coefficients

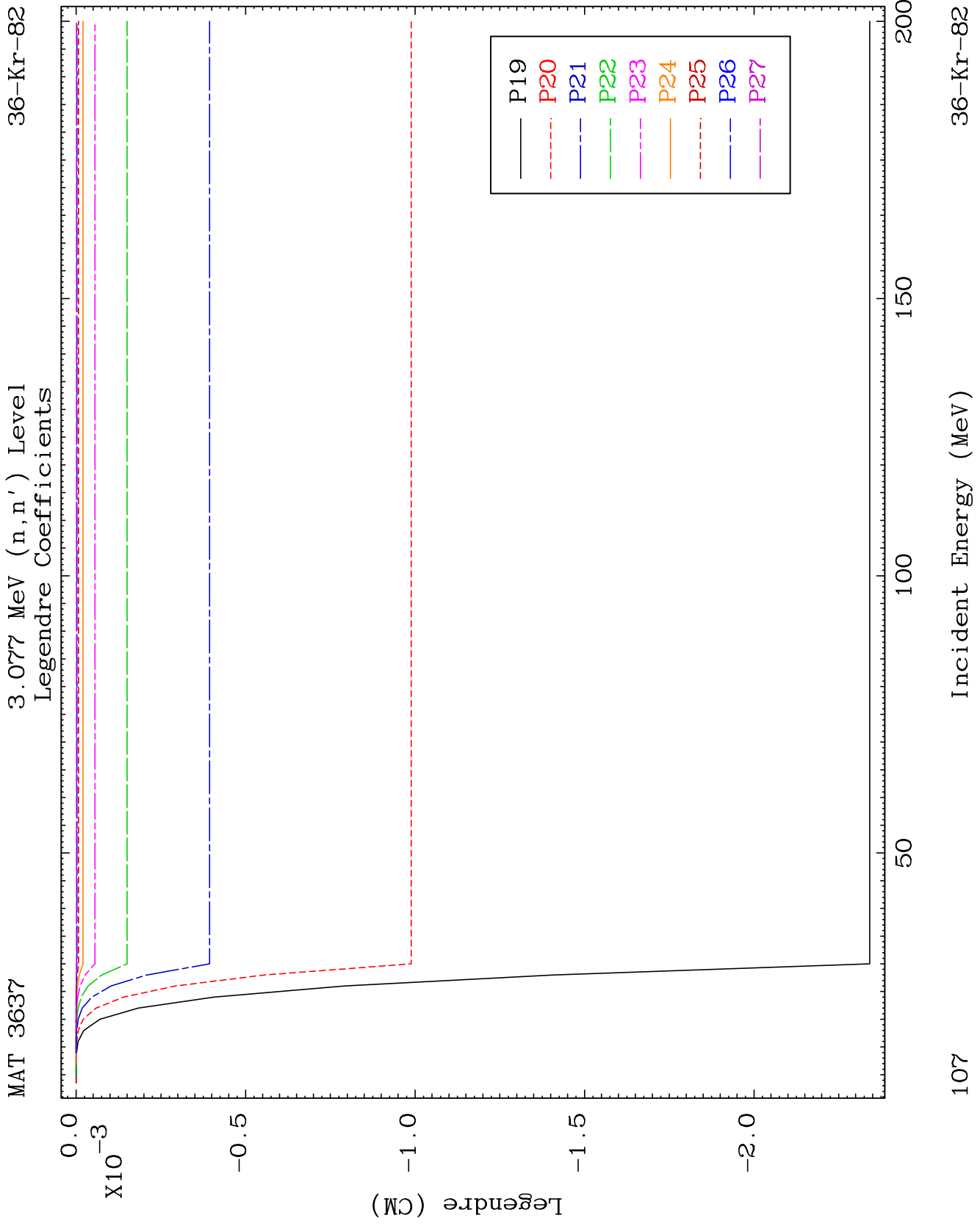
36-Kr-82

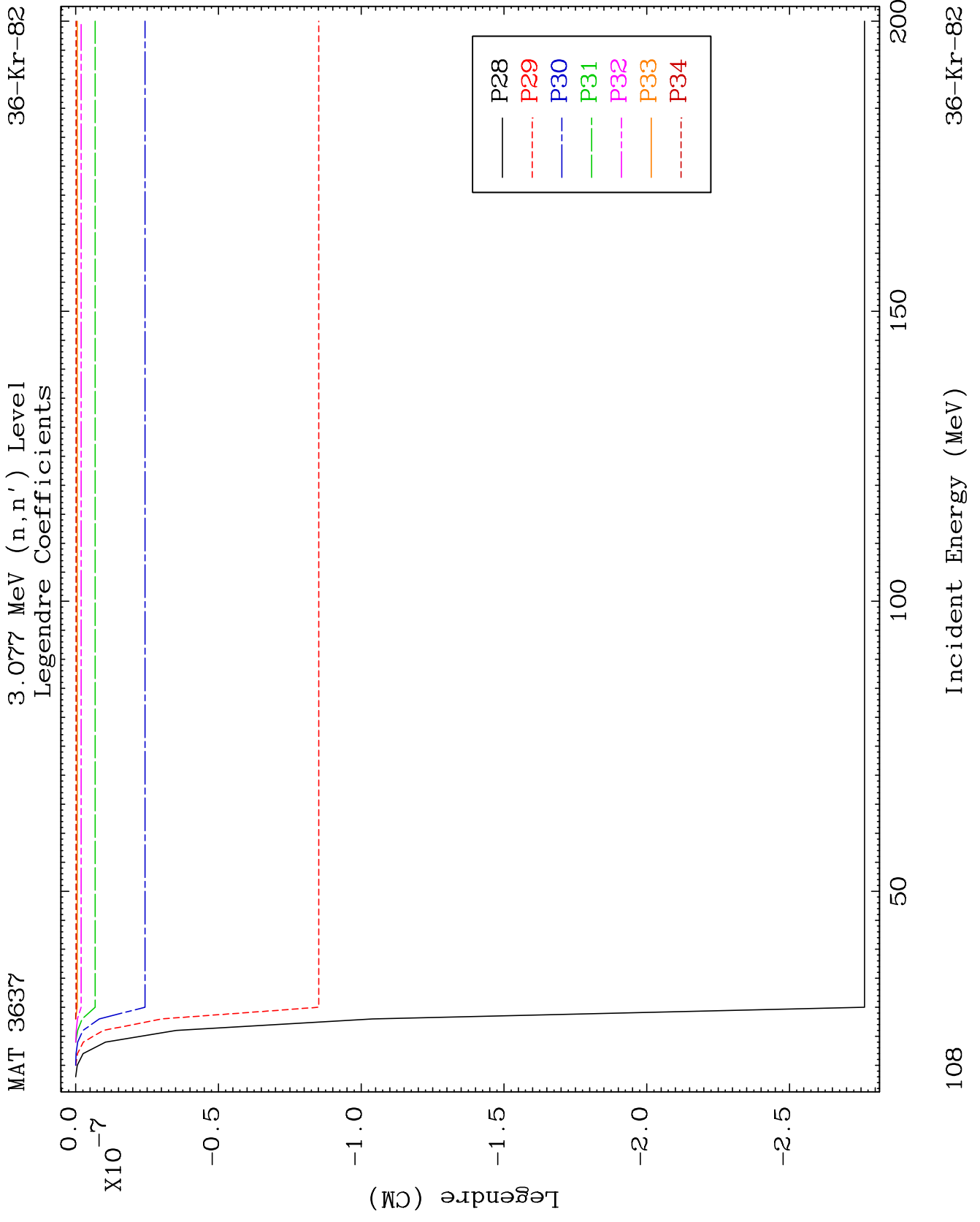


106

Incident Energy (MeV)

36-Kr-82

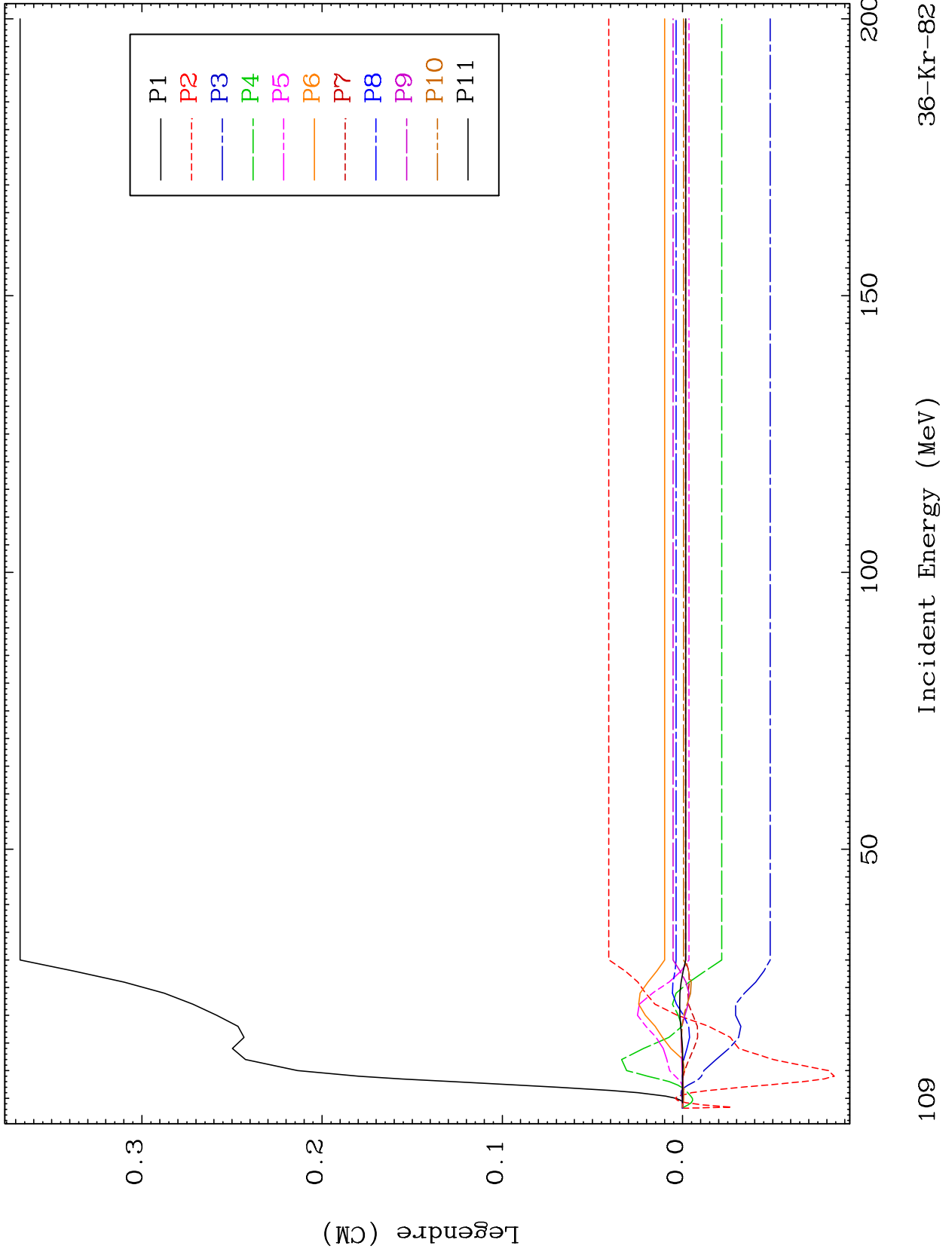




MAT 3637

3.168 MeV (n, n') Level
Legendre Coefficients

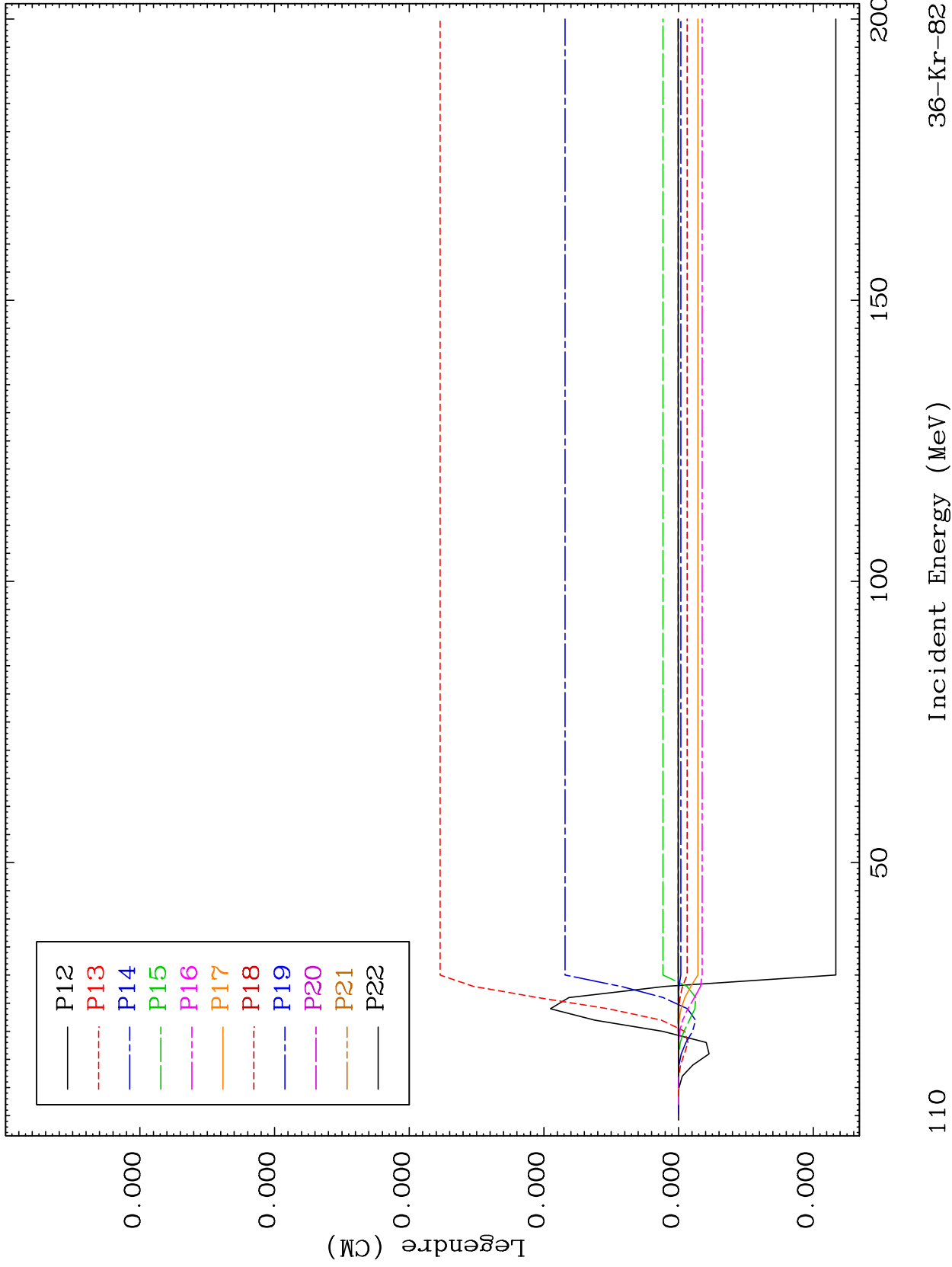
36-Kr-82



109

Incident Energy (MeV)

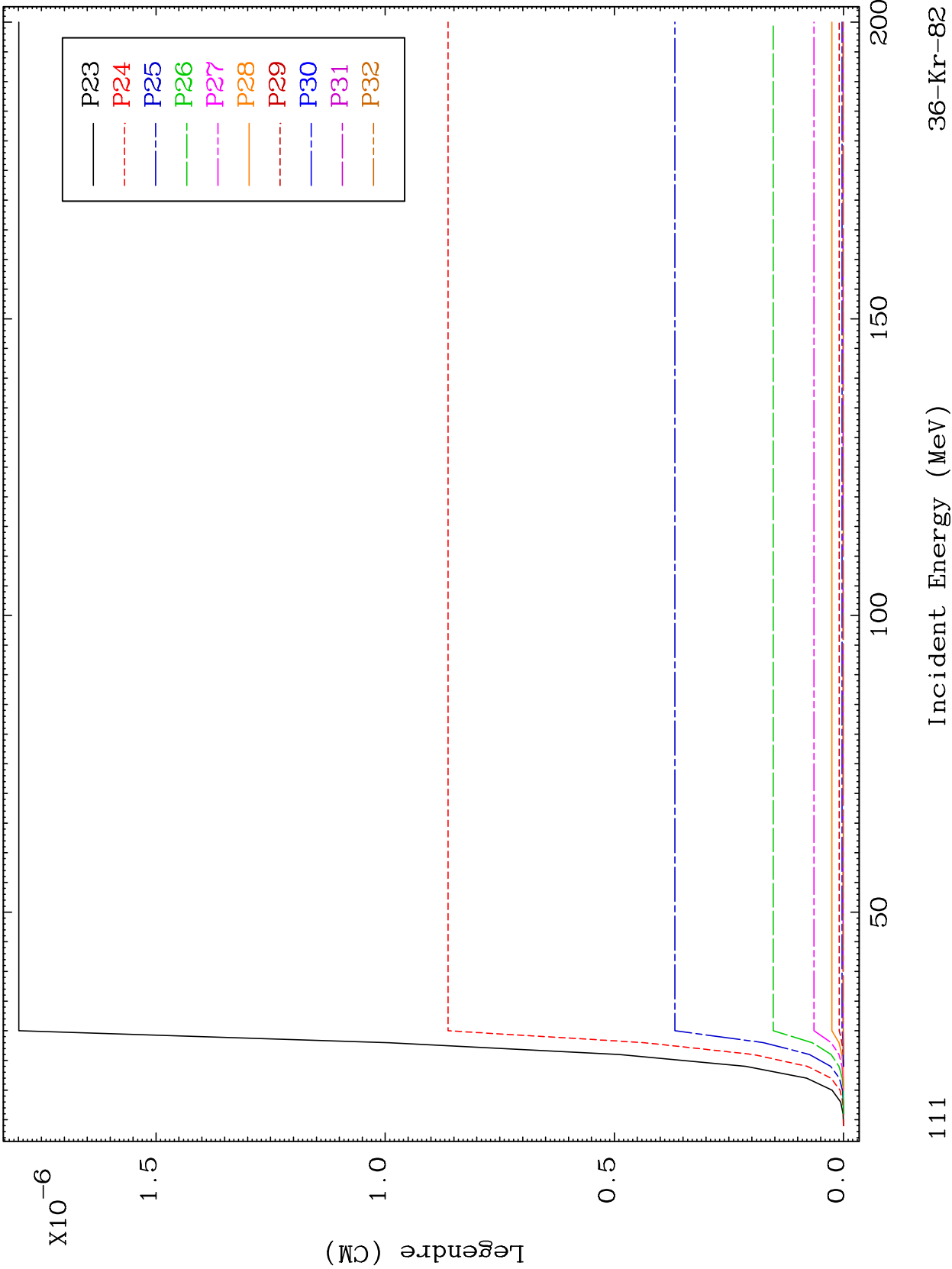
36-Kr-82



MAT 3637

3.168 MeV (n,n') Level
Legendre Coefficients

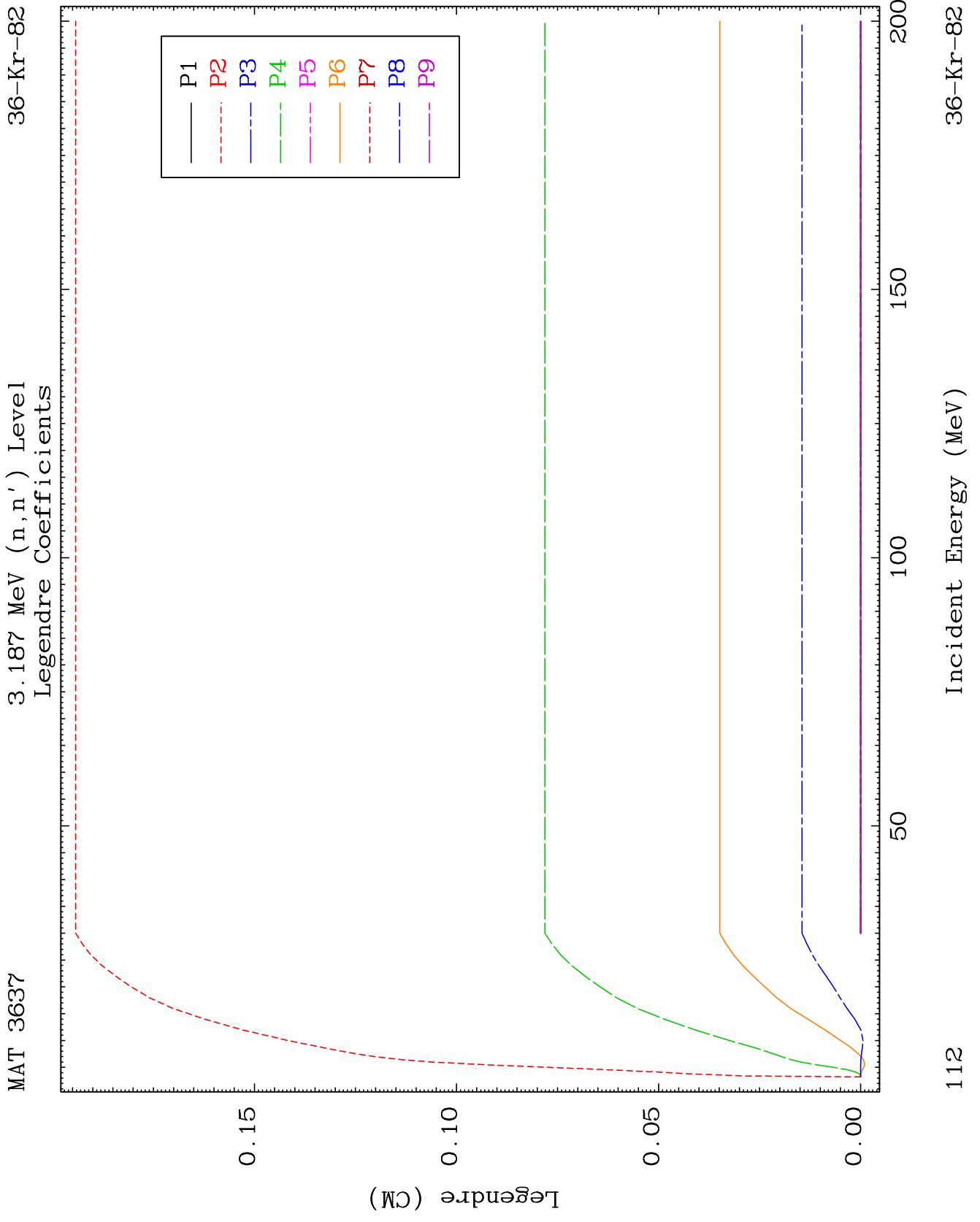
36-Kr-82



111

Incident Energy (MeV)

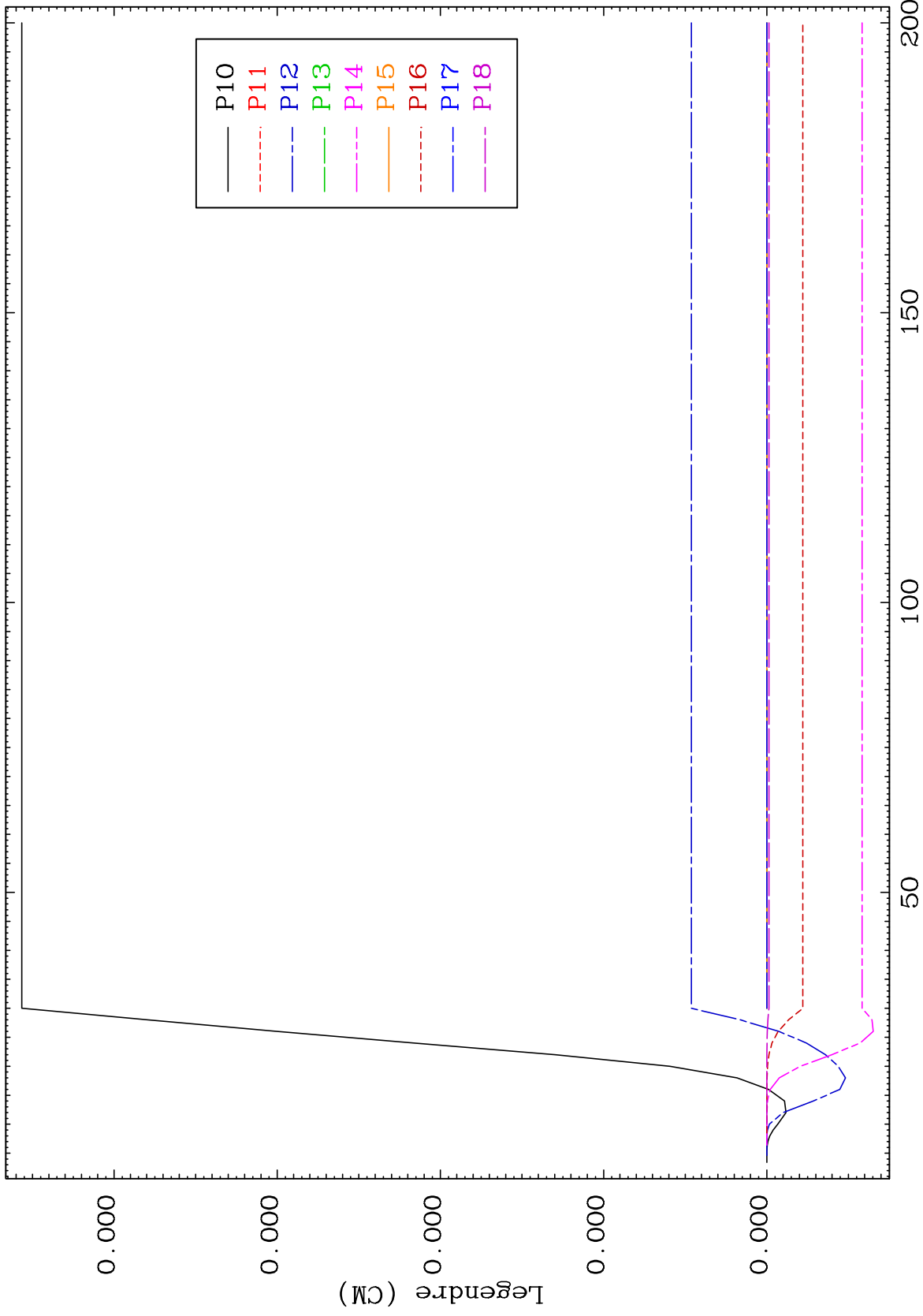
36-Kr-82



MAT 3637

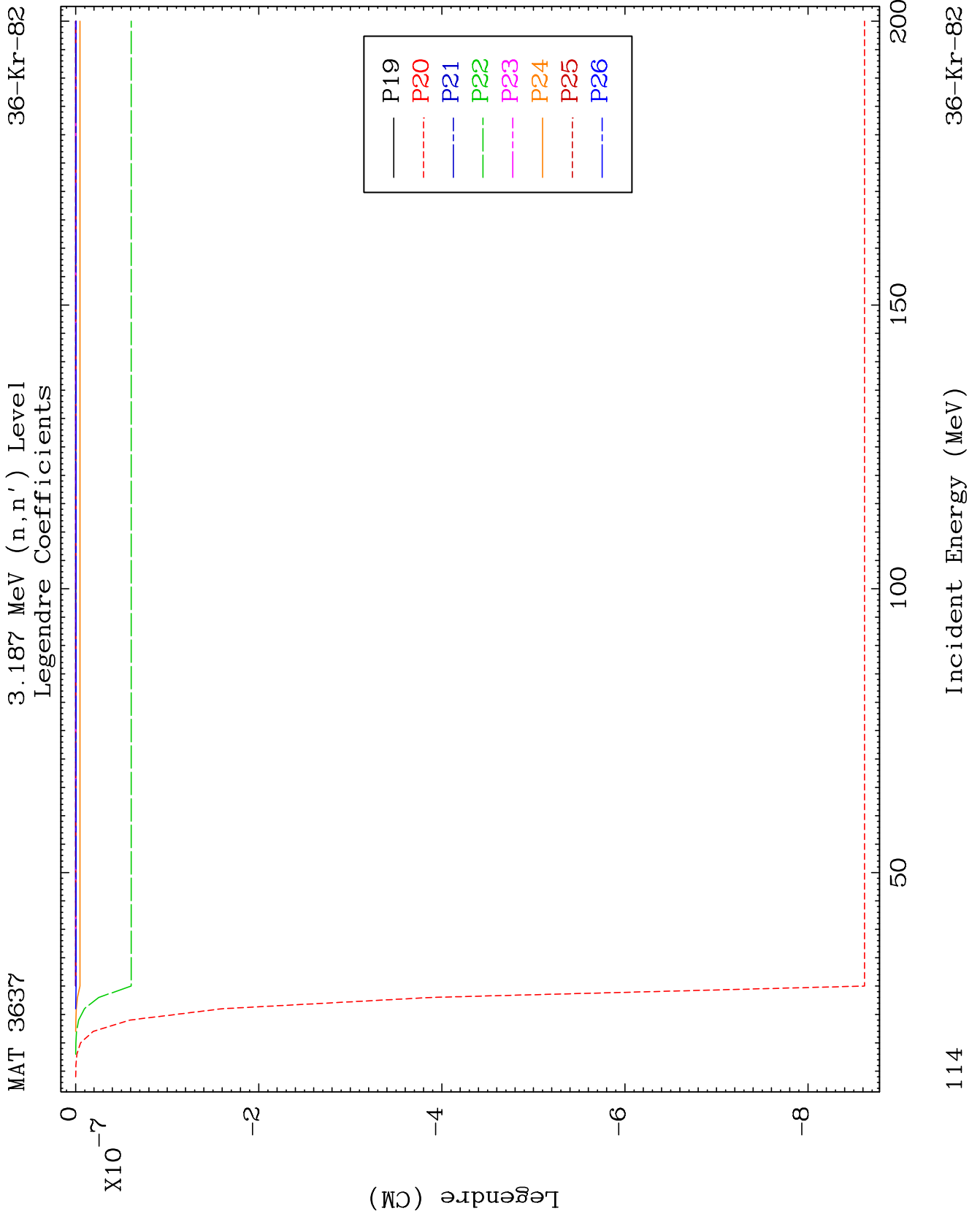
3.187 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



113

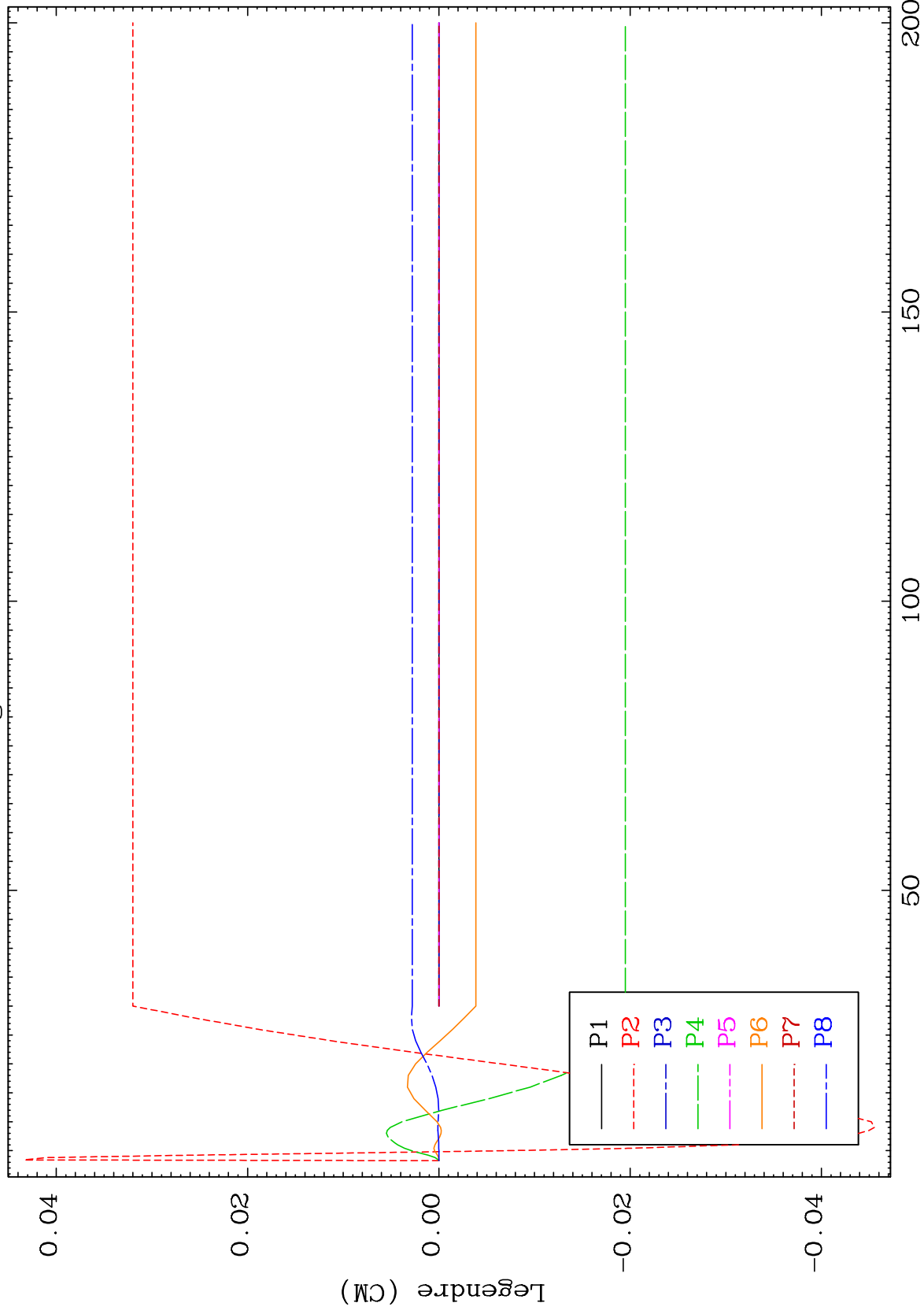
36-Kr-82



MAT 3637

3.221 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



115

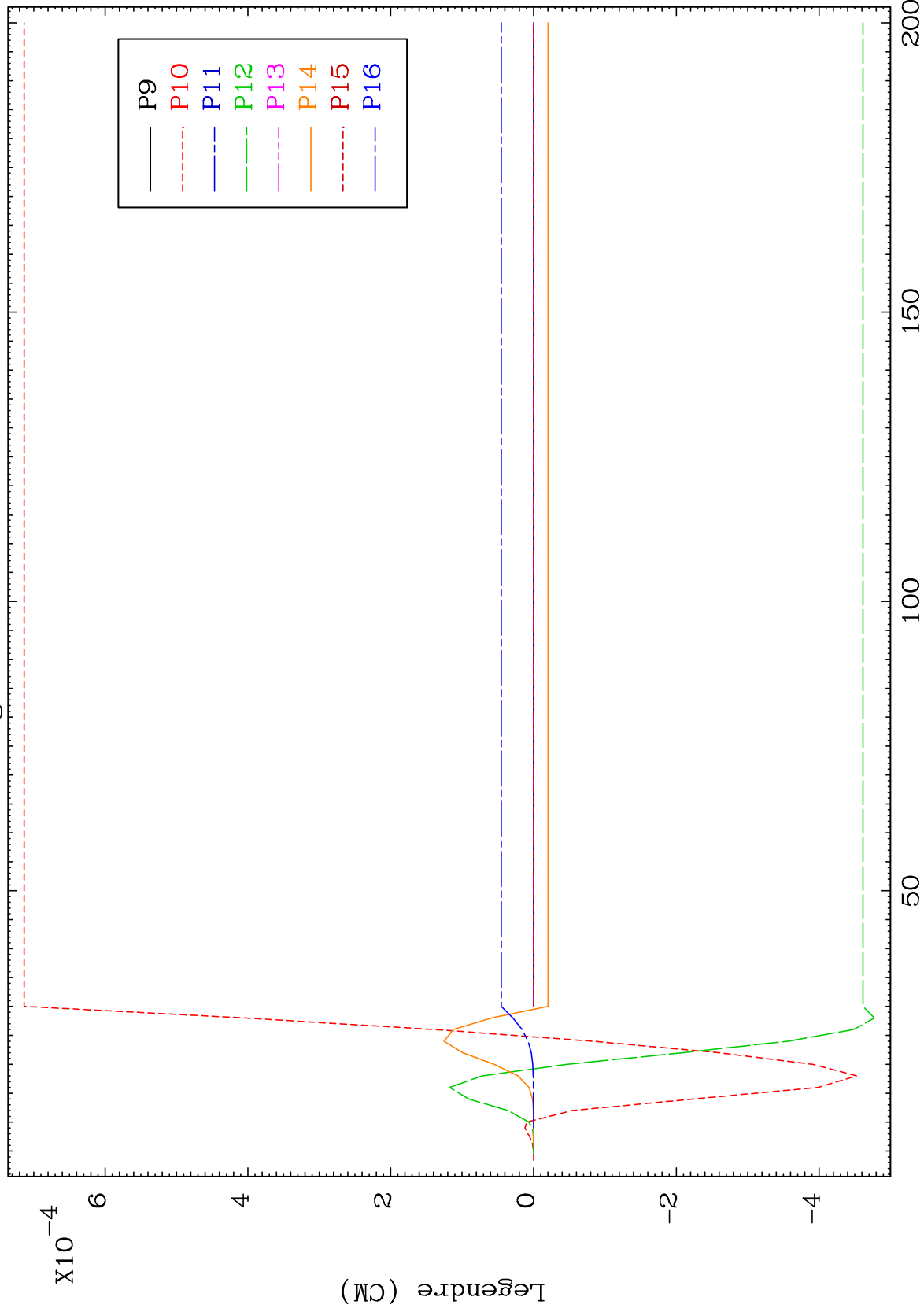
Incident Energy (MeV)

36-Kr-82

MAT 3637

3.221 MeV (n,n') Level
Legendre Coefficients

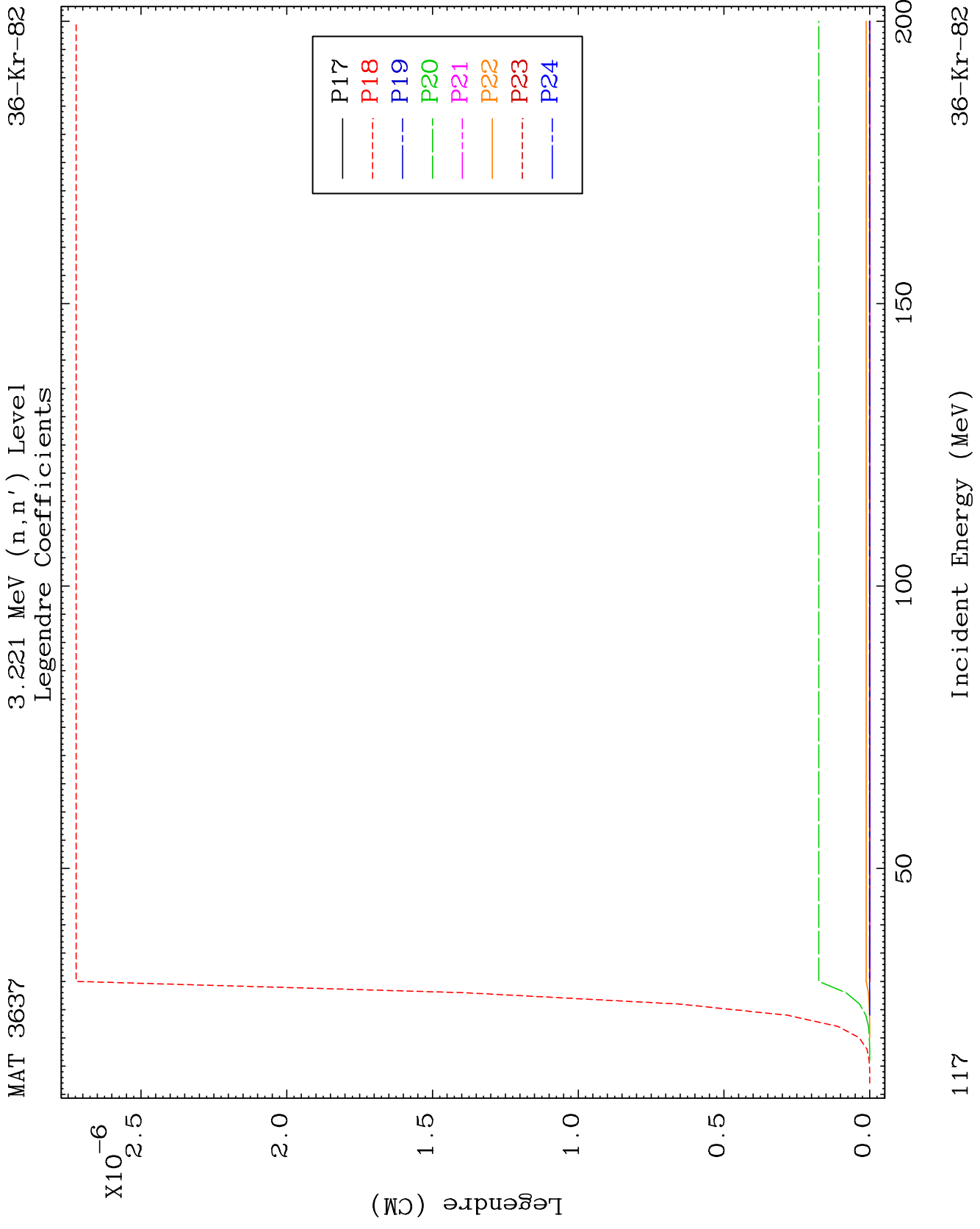
36-Kr-82



116

Incident Energy (MeV)

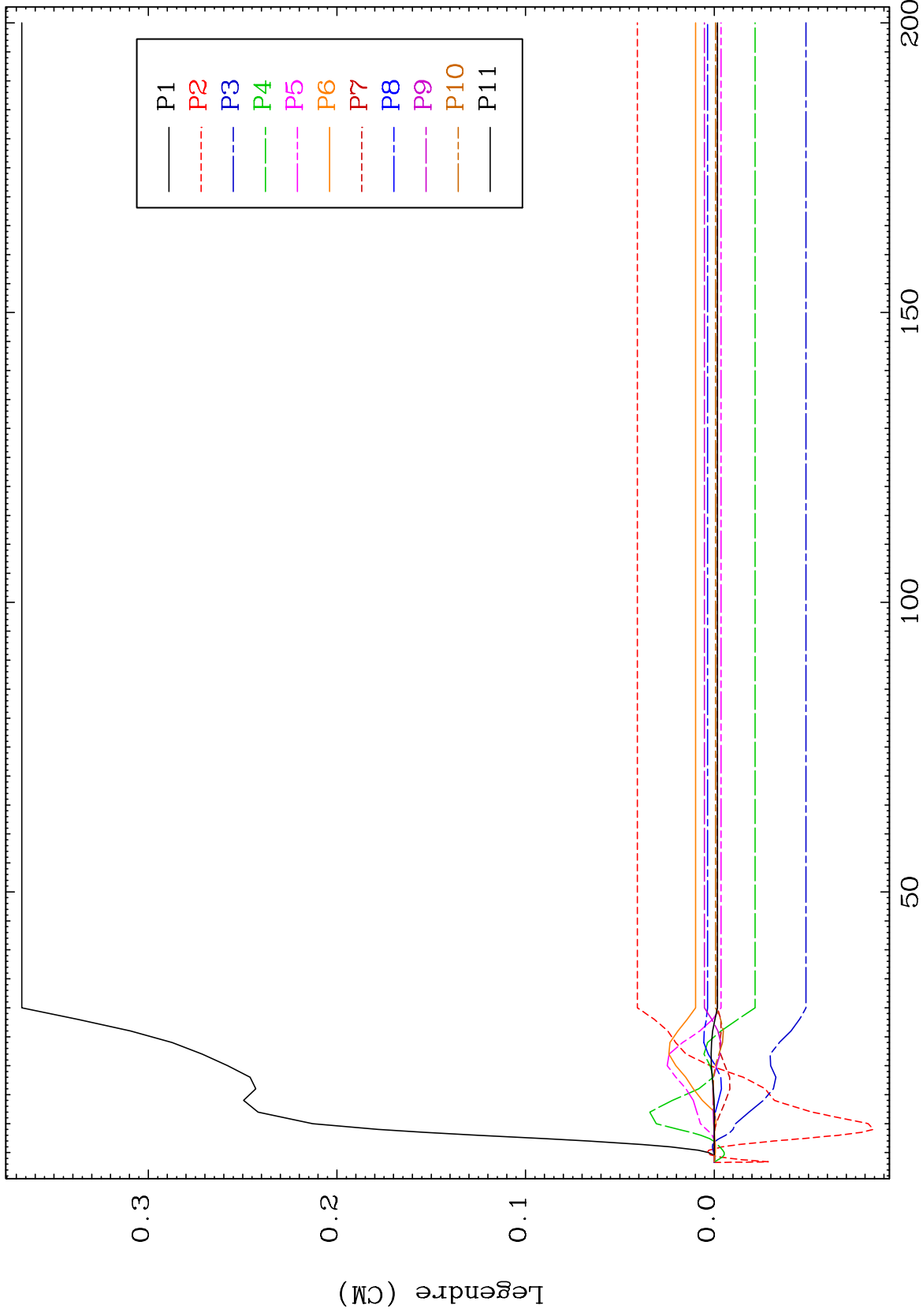
36-Kr-82



MAT 3637

3.256 MeV (n, n') Level
Legendre Coefficients

36-Kr-82



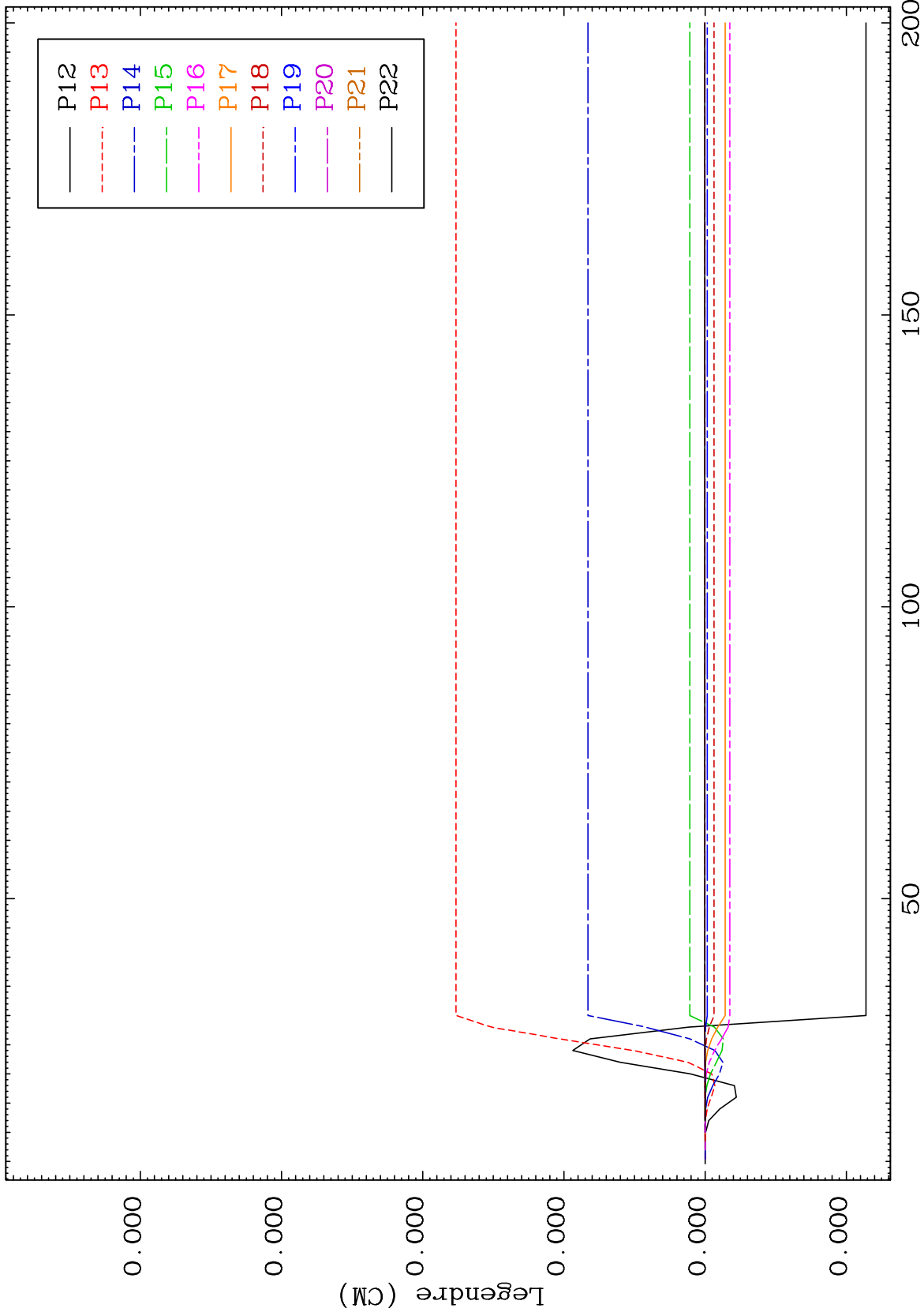
118

36-Kr-82

MAT 3637

3.256 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



119

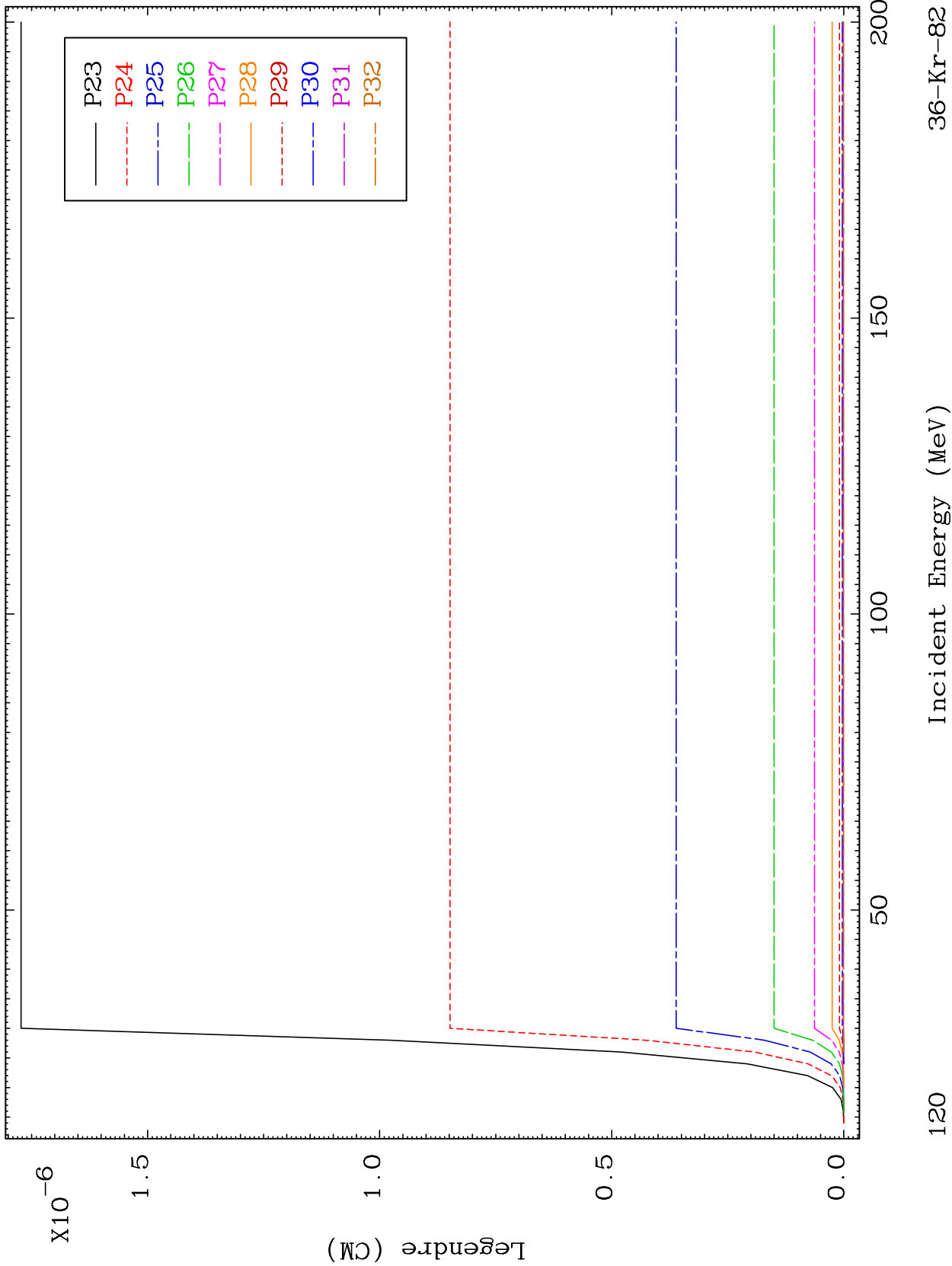
Incident Energy (MeV)

36-Kr-82

MAT 3637

3.256 MeV (n,n') Level
Legendre Coefficients

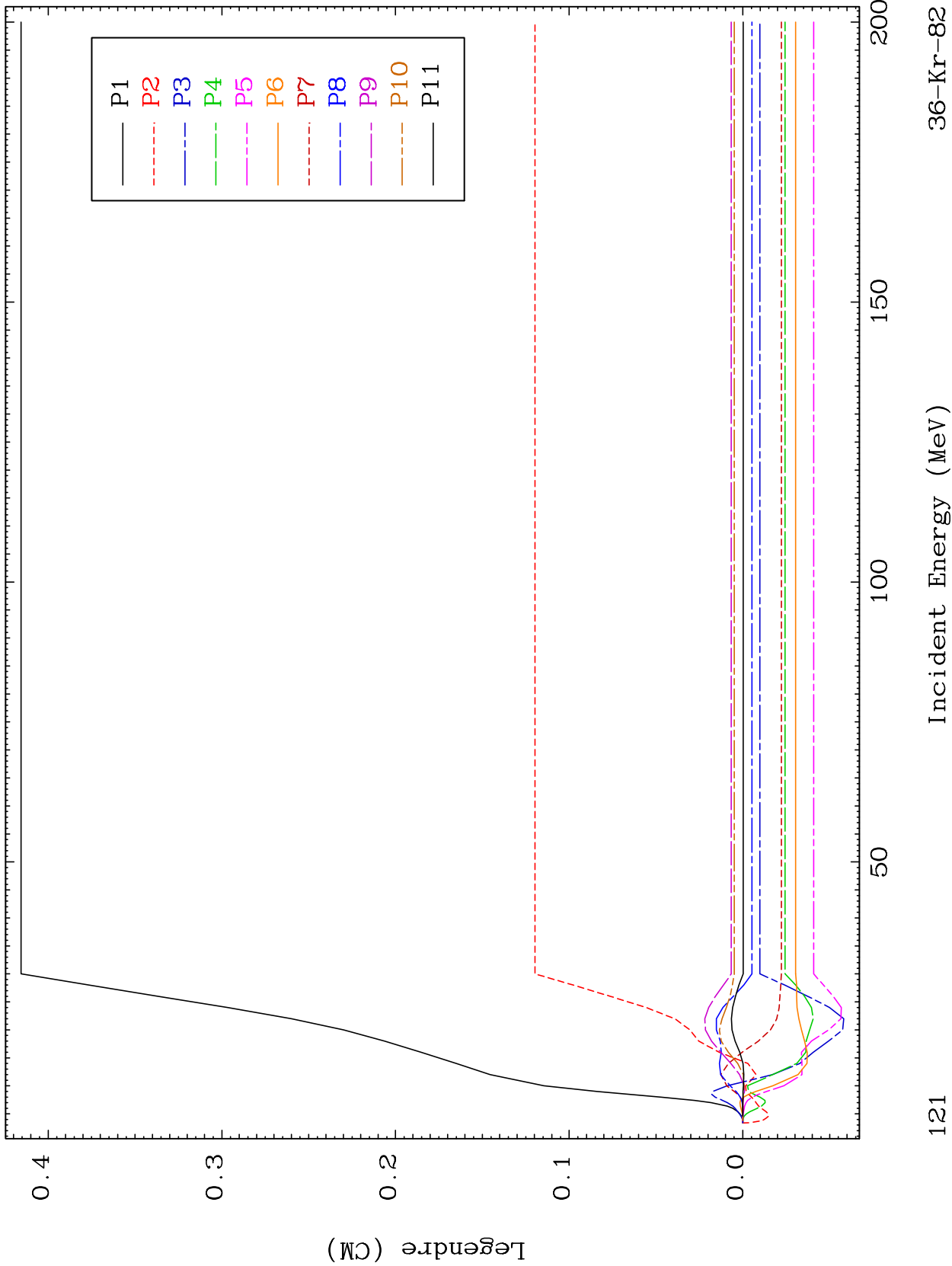
36-Kr-82



MAT 3637

3.322 MeV (n,n') Level
Legendre Coefficients

36-Kr-82



121

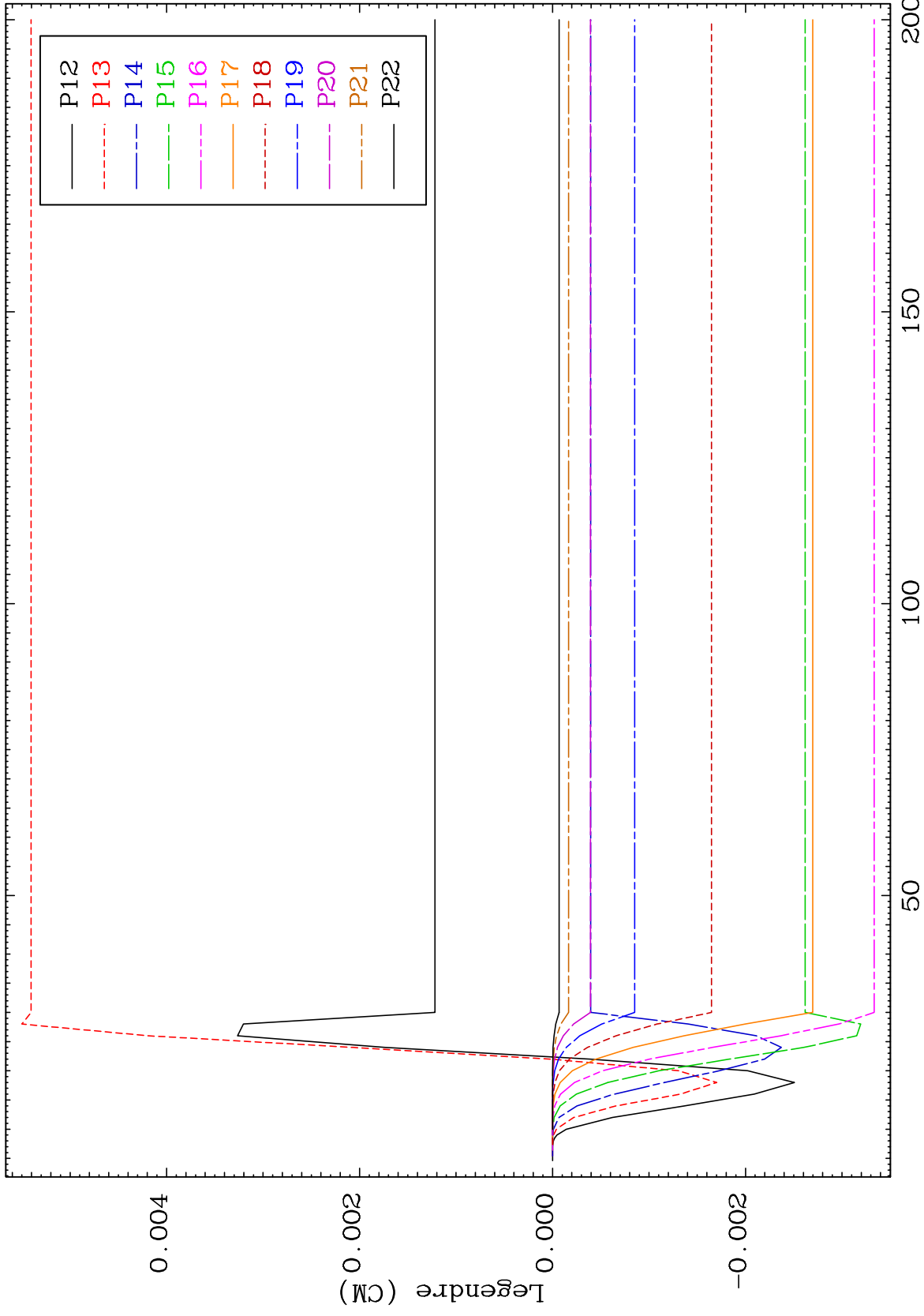
Incident Energy (MeV)

36-Kr-82

MAT 3637

3.322 MeV (n, n') Level
Legendre Coefficients

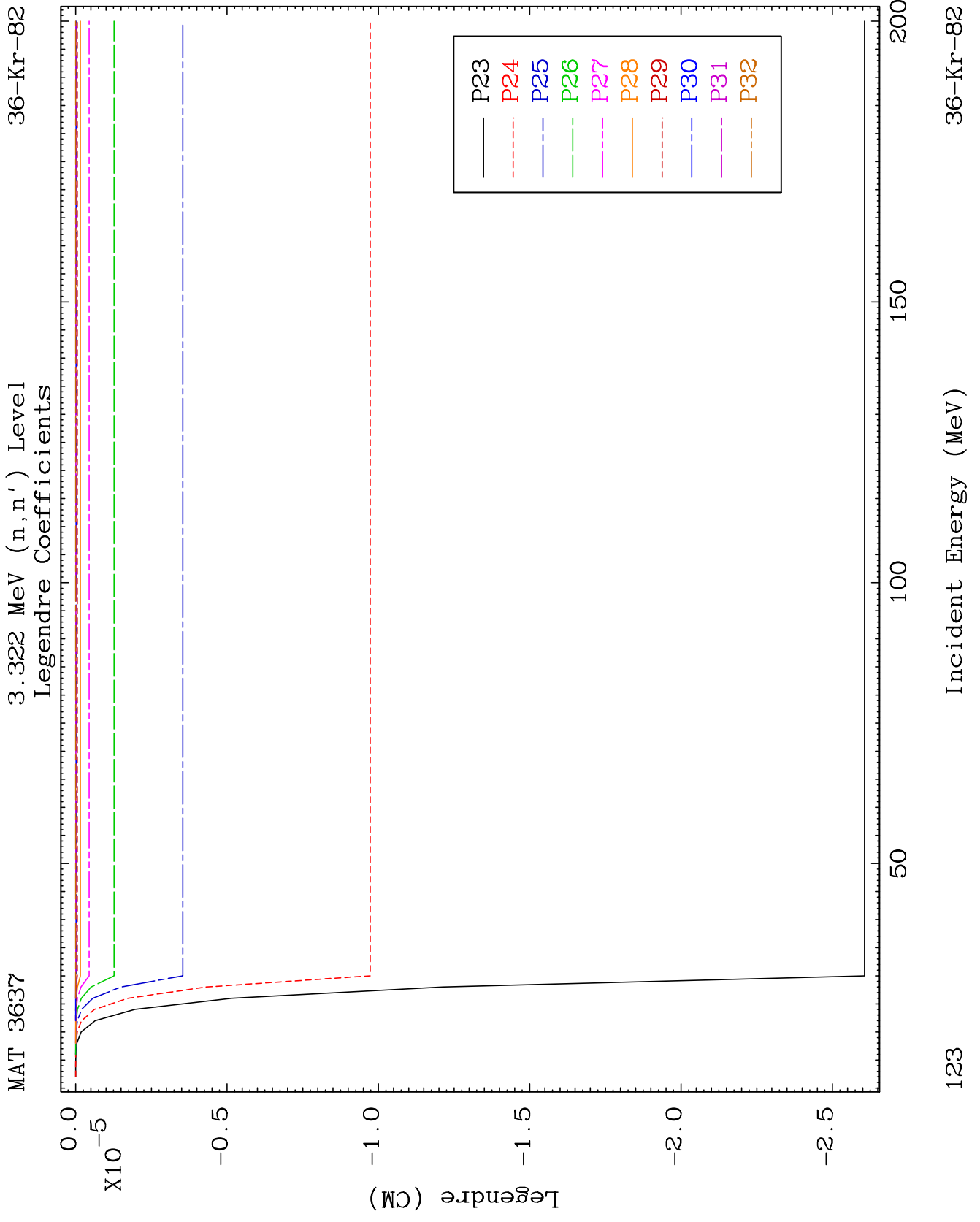
36-Kr-82



122

Incident Energy (MeV)

36-Kr-82

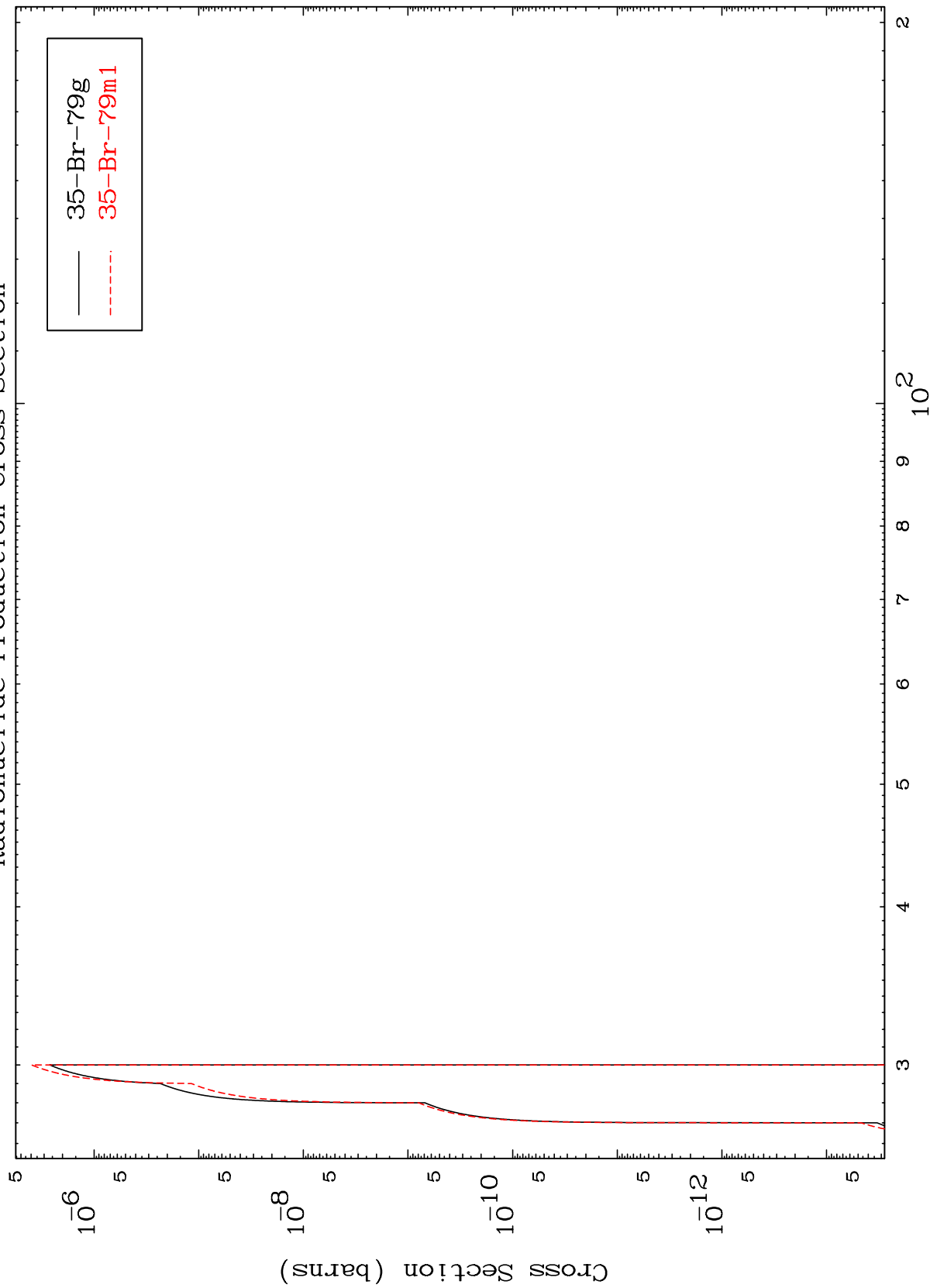


MAT 3637

(n,2n) d

36-Kr-82

Radionuclide Production Cross Section



124

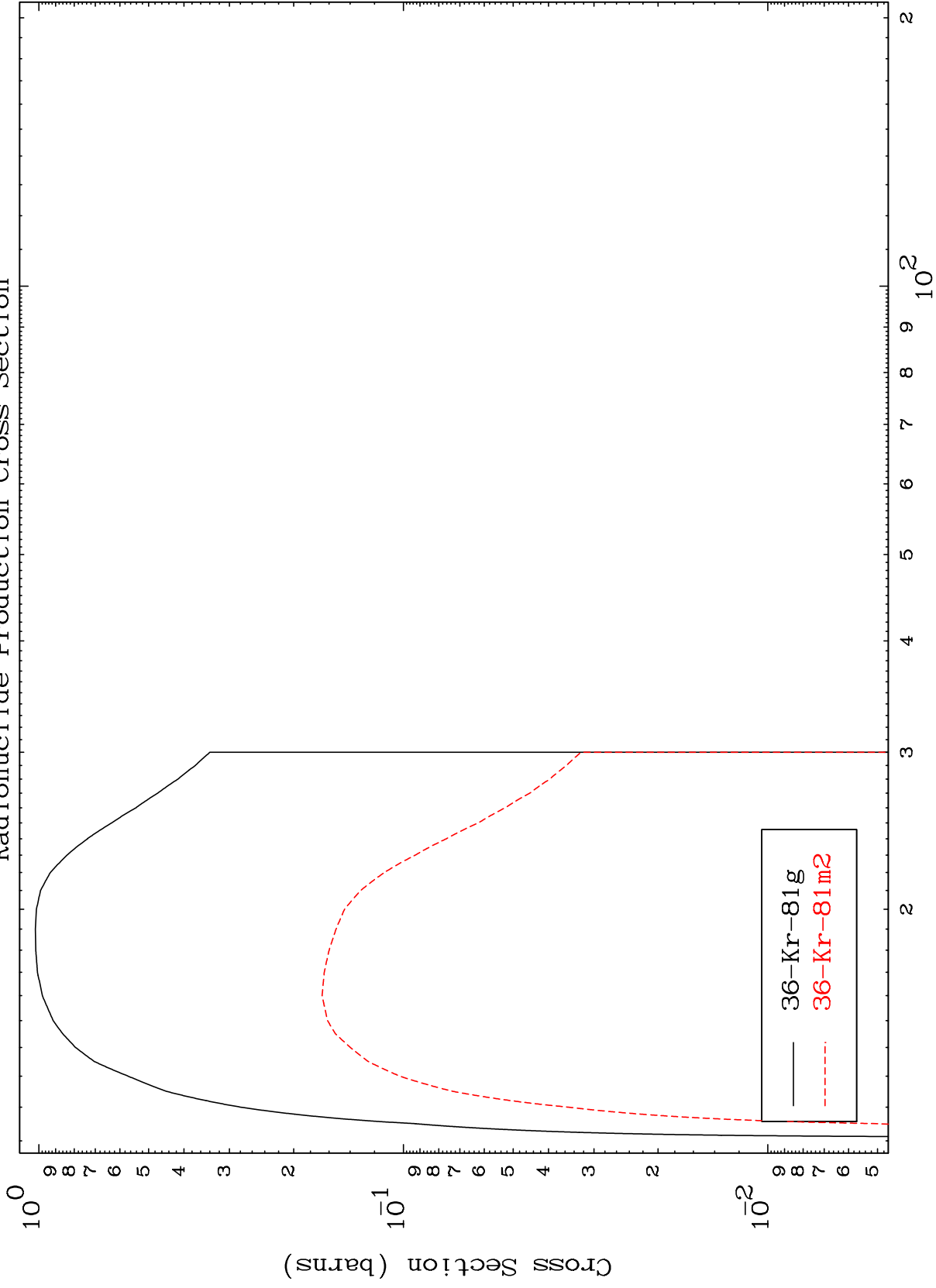
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

(n,2n)
Radionuclide Production Cross Section

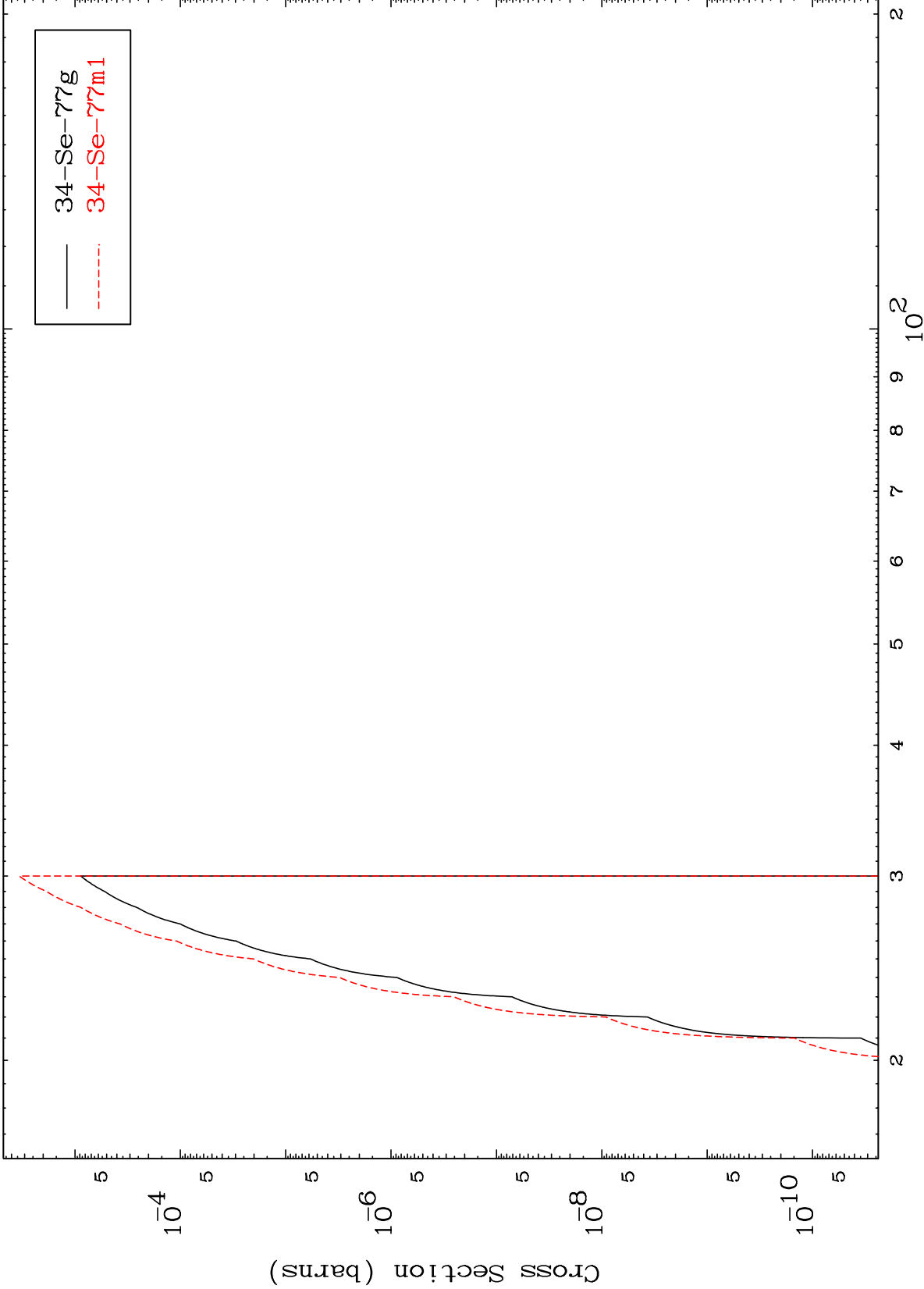


36-Kr-82

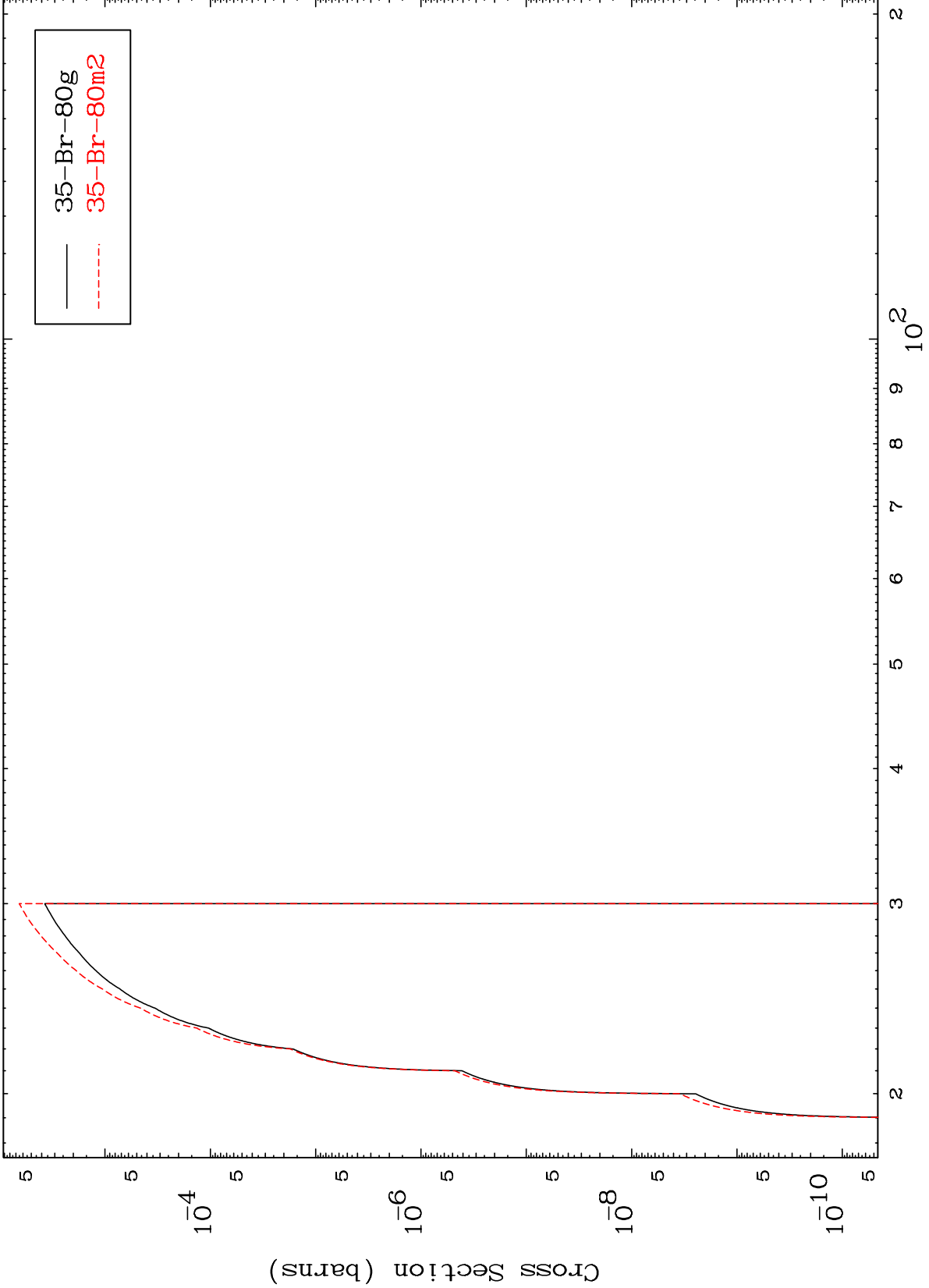
Incident Energy (MeV)

125

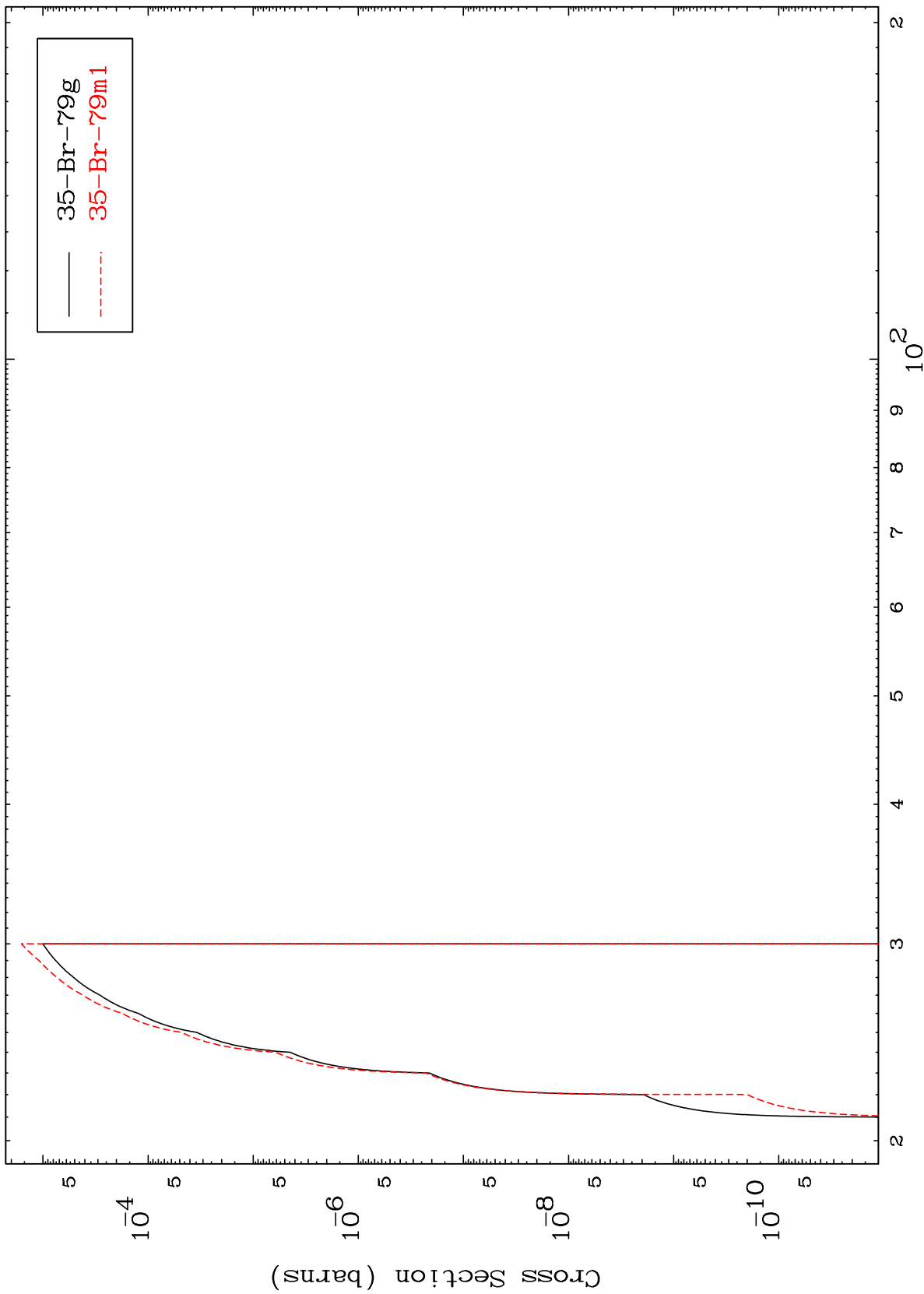
Radionuclide Production Cross Section



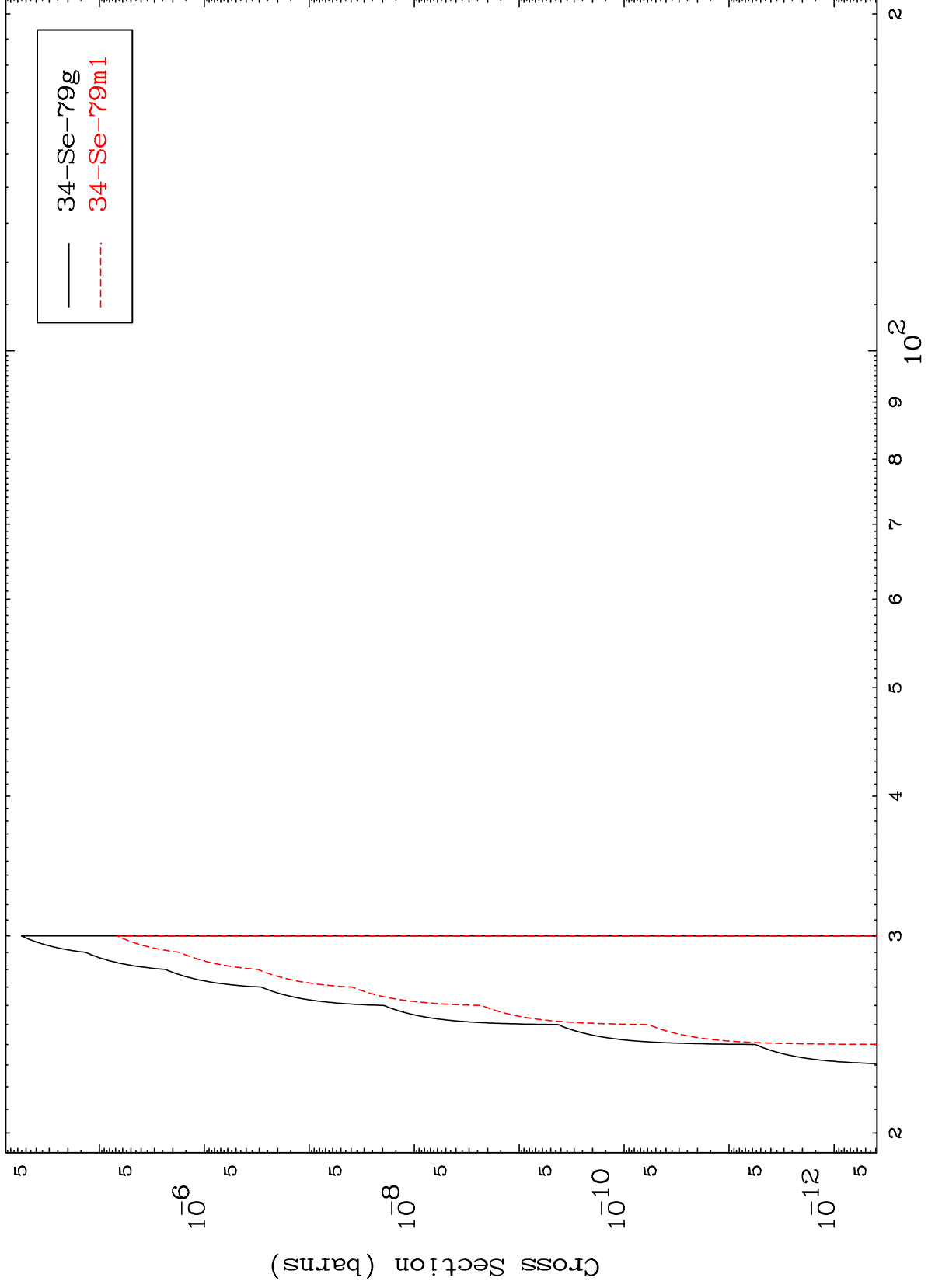
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

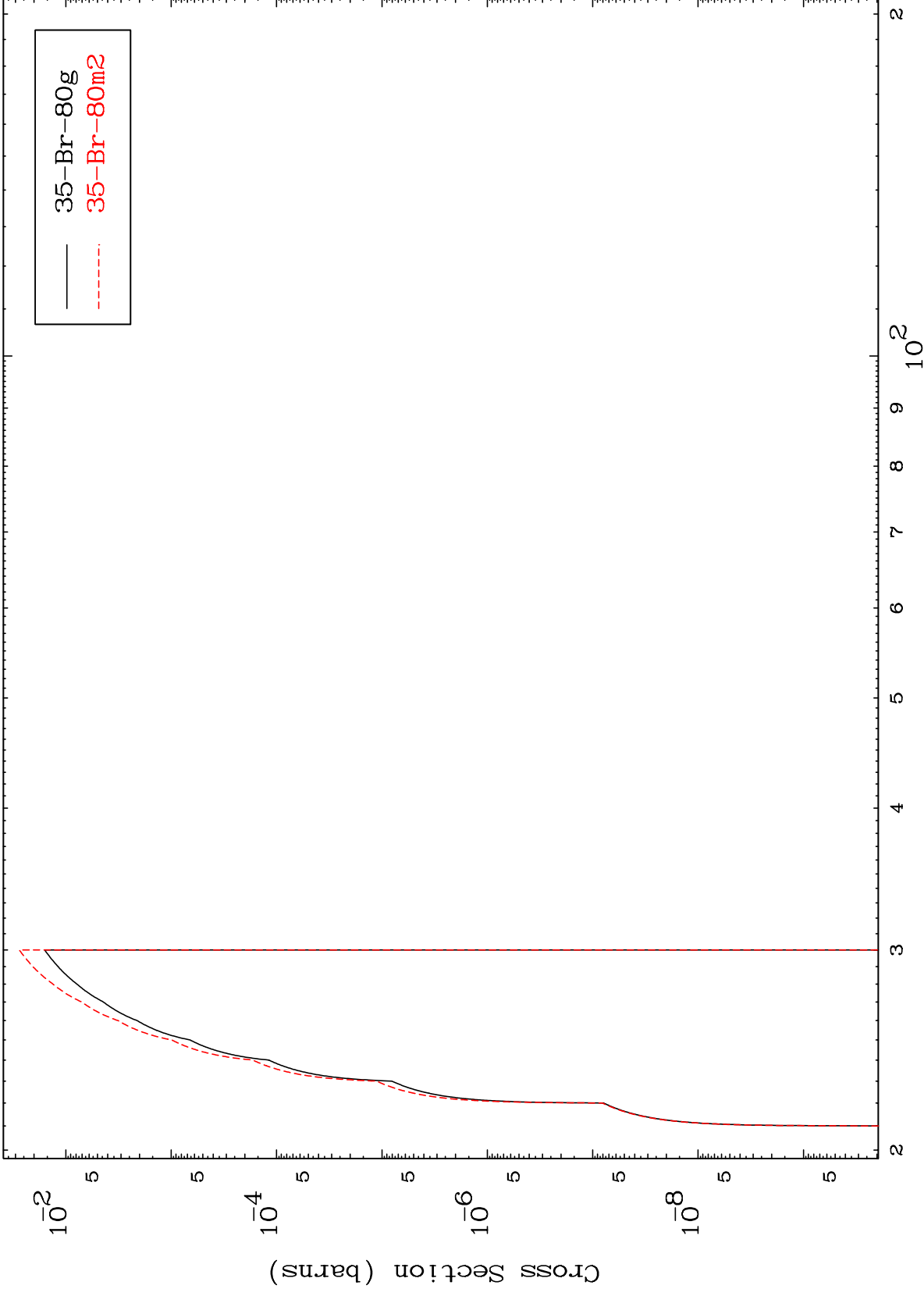


MAT 3637

(n,2n) p

36-Kr-82

Radionuclide Production Cross Section



130

Incident Energy (MeV)

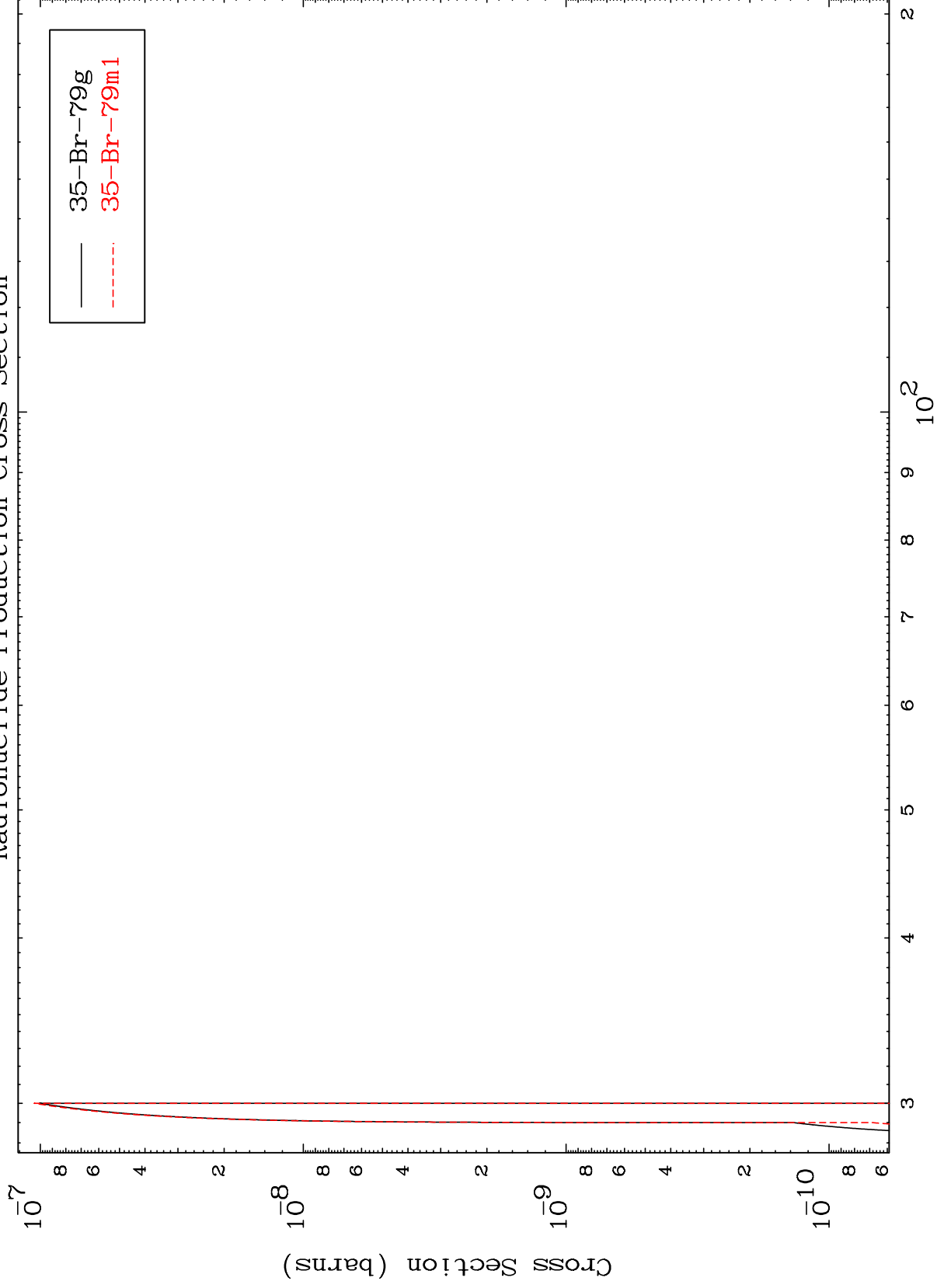
36-Kr-82

MAT 3637

(n,3n) p

36-Kr-82

Radionuclide Production Cross Section



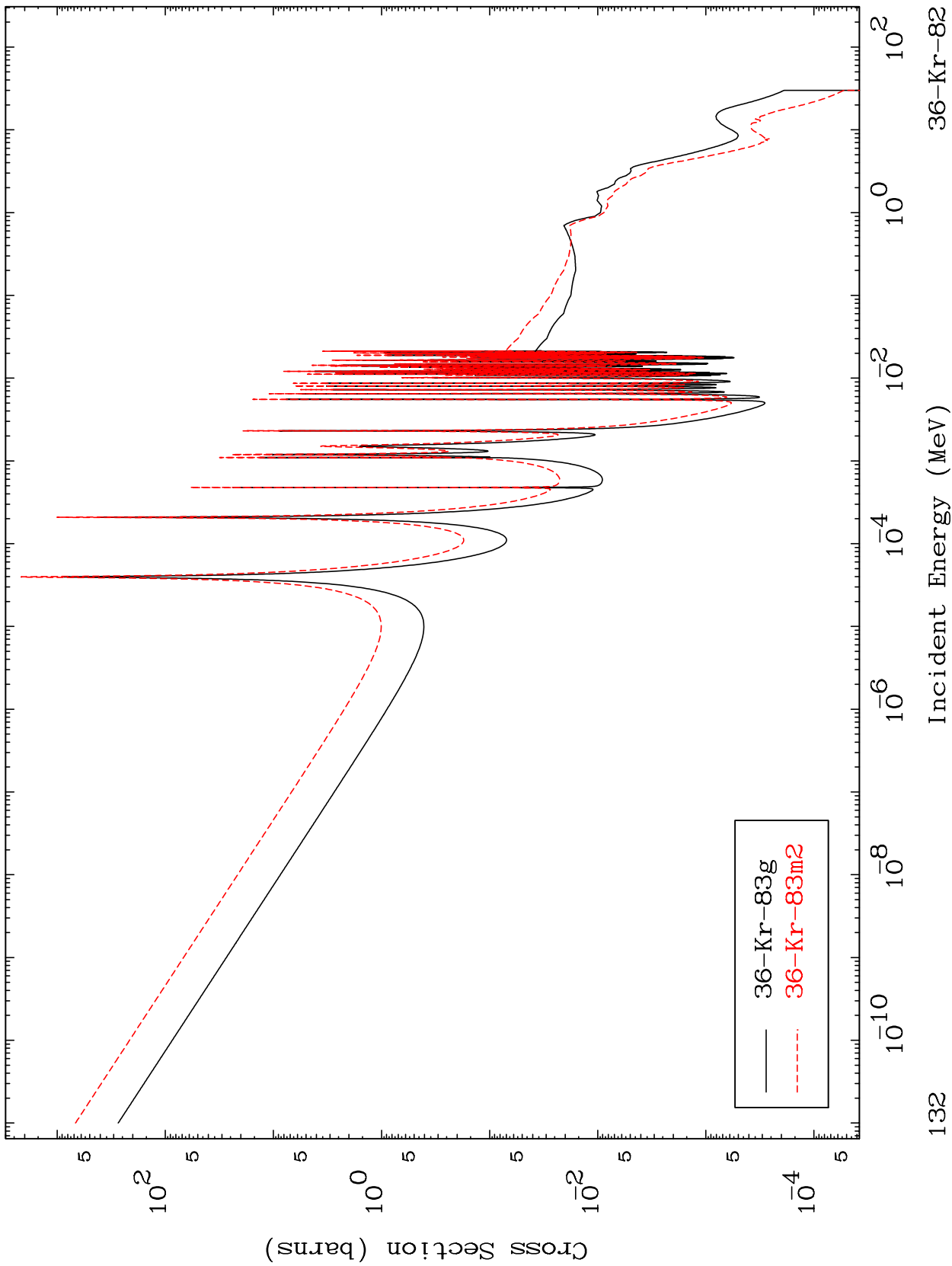
131

Incident Energy (MeV)

36-Kr-82

Radionuclide Production Cross Section

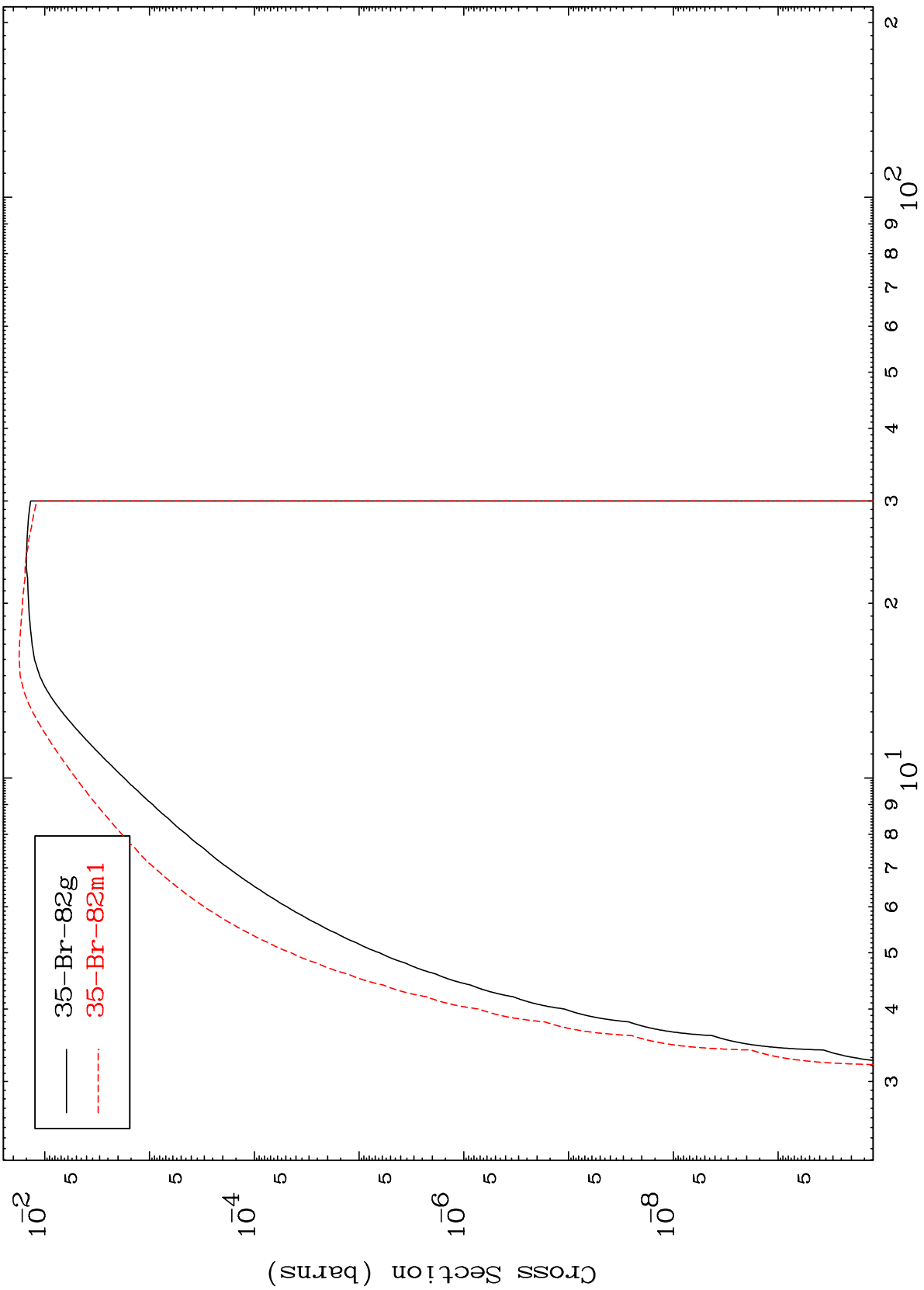
(n, γ)



MAT 3637

³⁶Kr-82

(n,p)
Radionuclide Production Cross Section



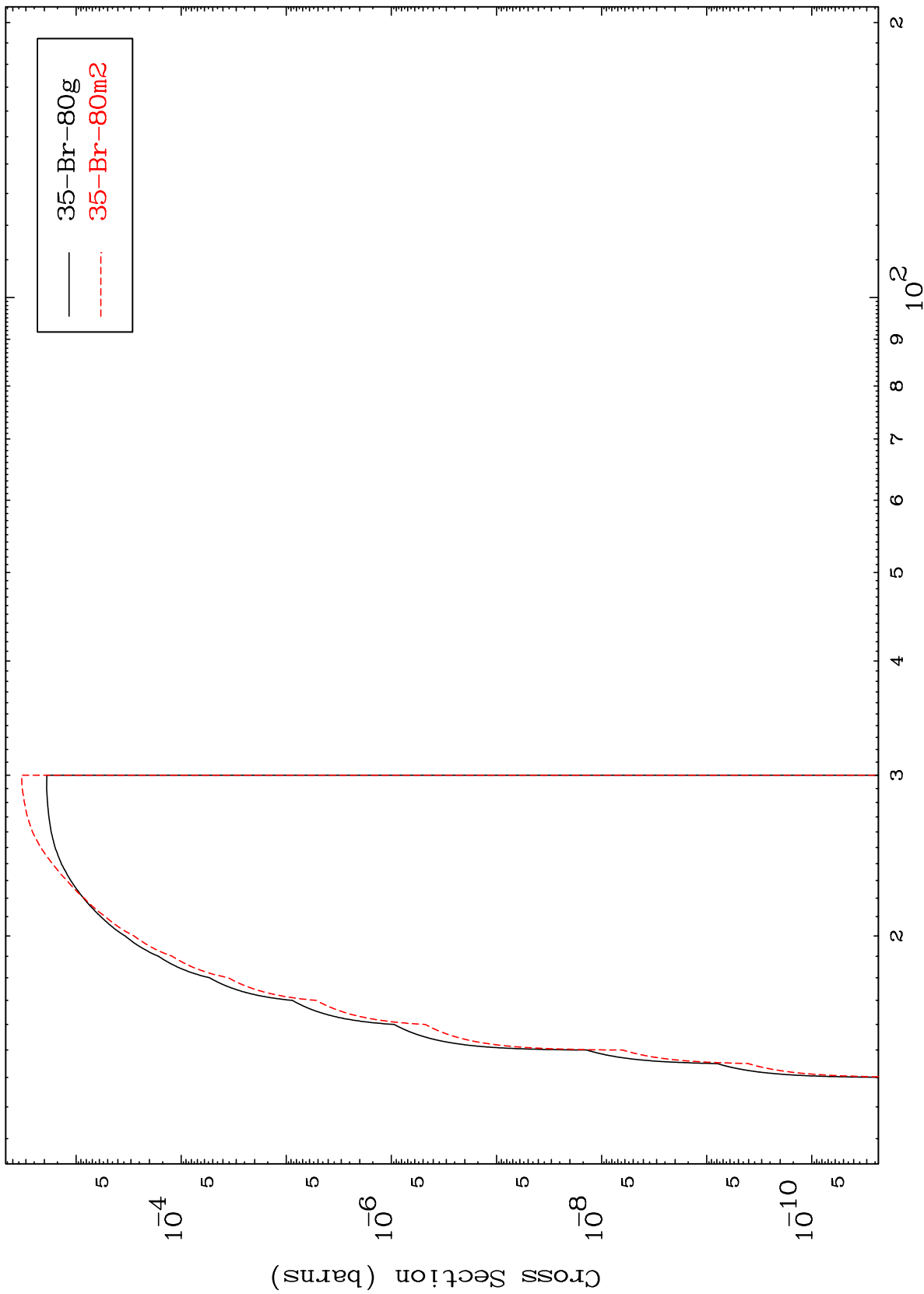
— 35-Br-82g
- - - 35-Br-82m1

Incident Energy (MeV)

³⁶Kr-82

133

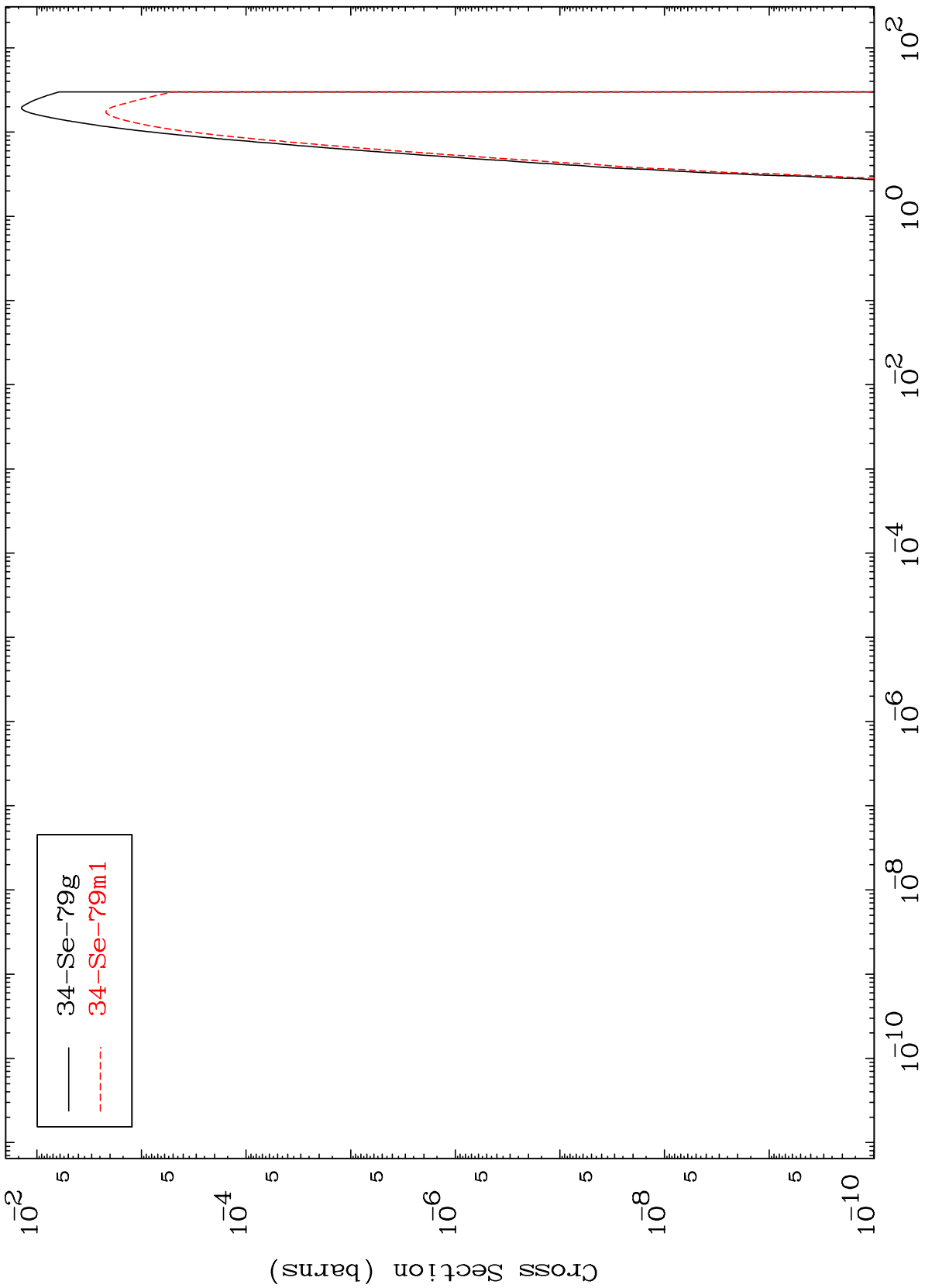
(n, t)
Radionuclide Production Cross Section



MAT 3637

36-Kr-82

(n, α)
Radionuclide Production Cross Section



36-Kr-82

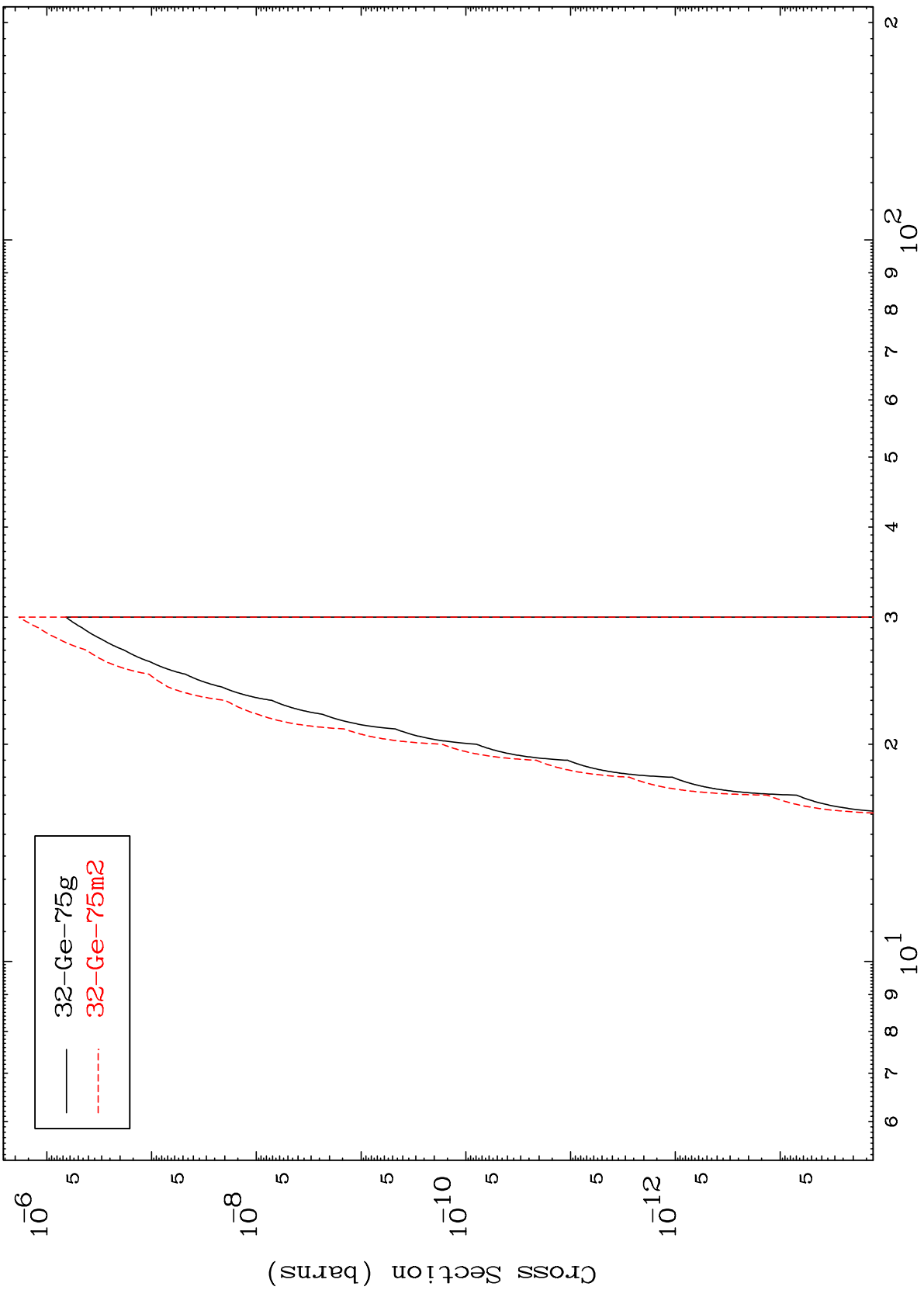
Incident Energy (MeV)

135

MAT 3637

36-Kr-82

(n,2α)
Radionuclide Production Cross Section



136

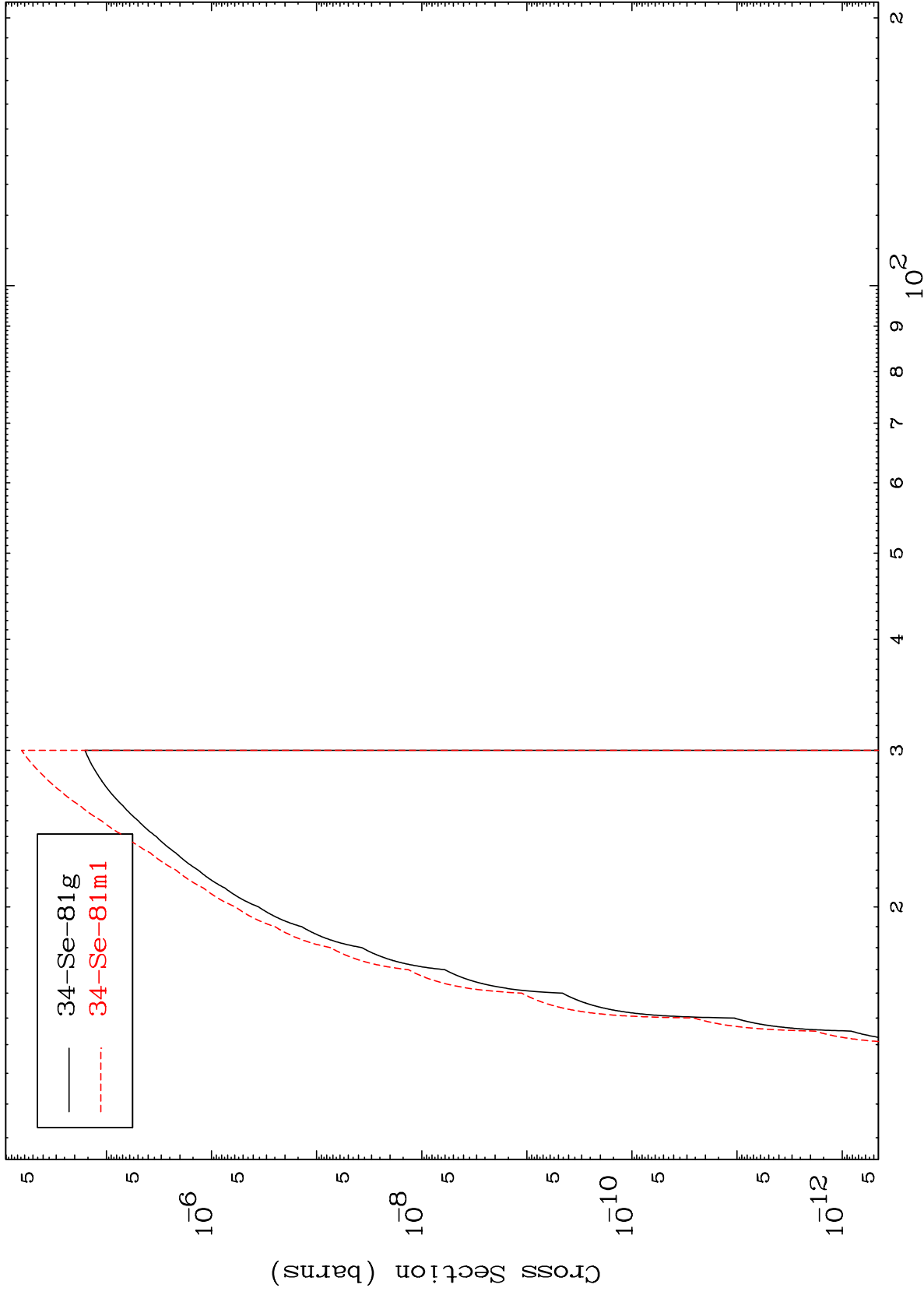
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

(n,2p)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

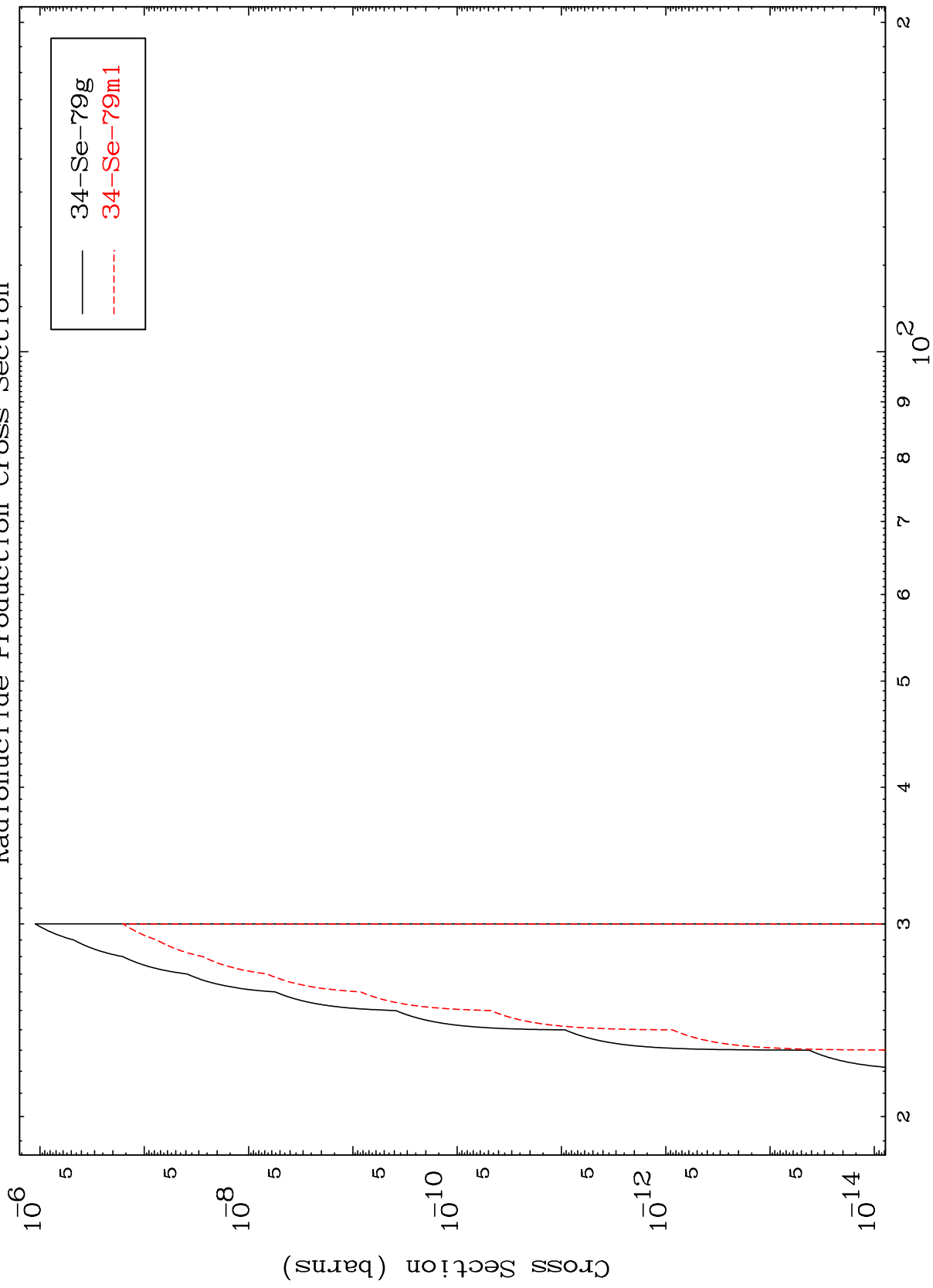
36-Kr-82

MAT 3637

(n,p) t

36-Kr-82

Radionuclide Production Cross Section



138

Incident Energy (MeV)

36-Kr-82