

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

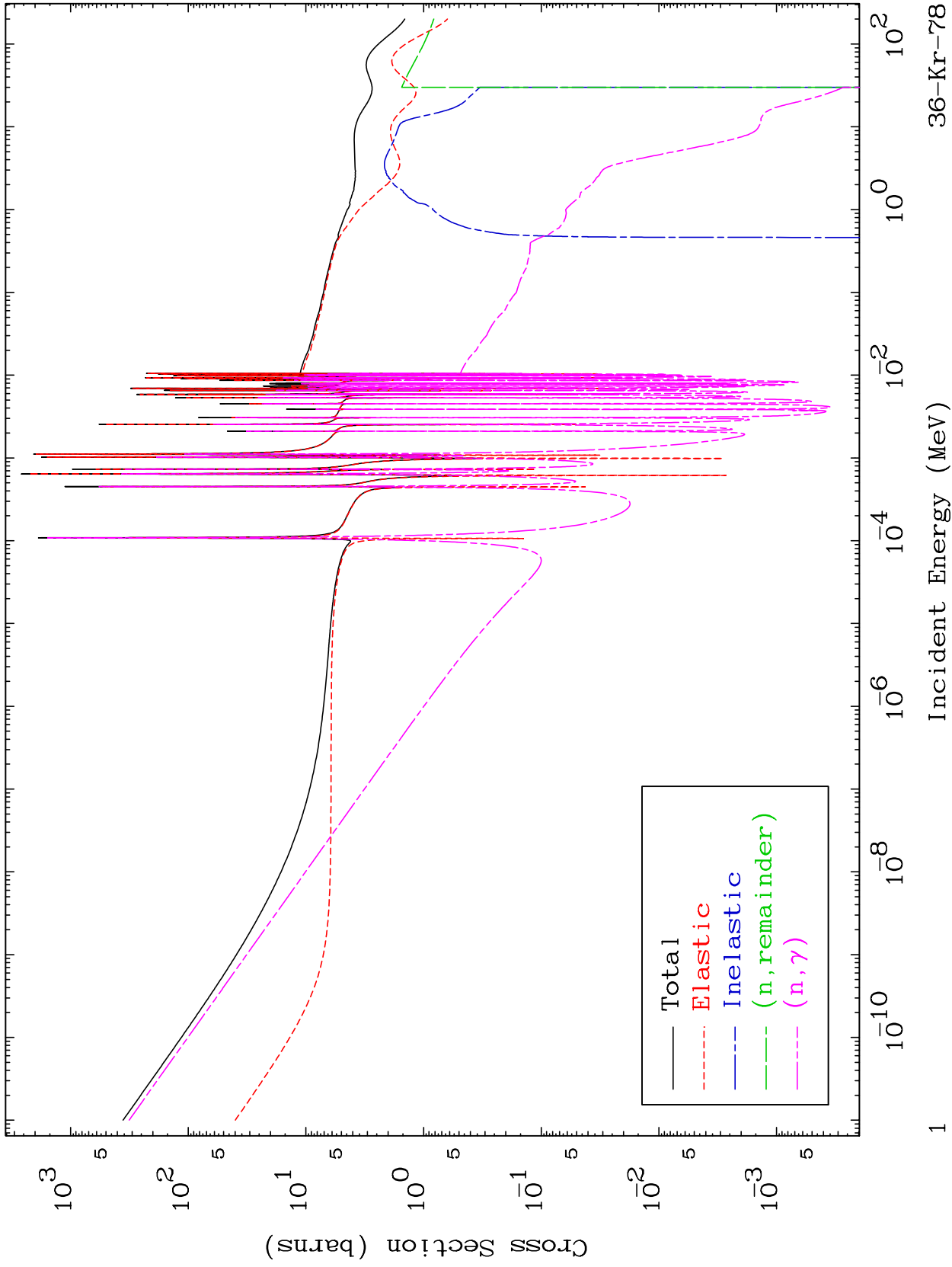
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

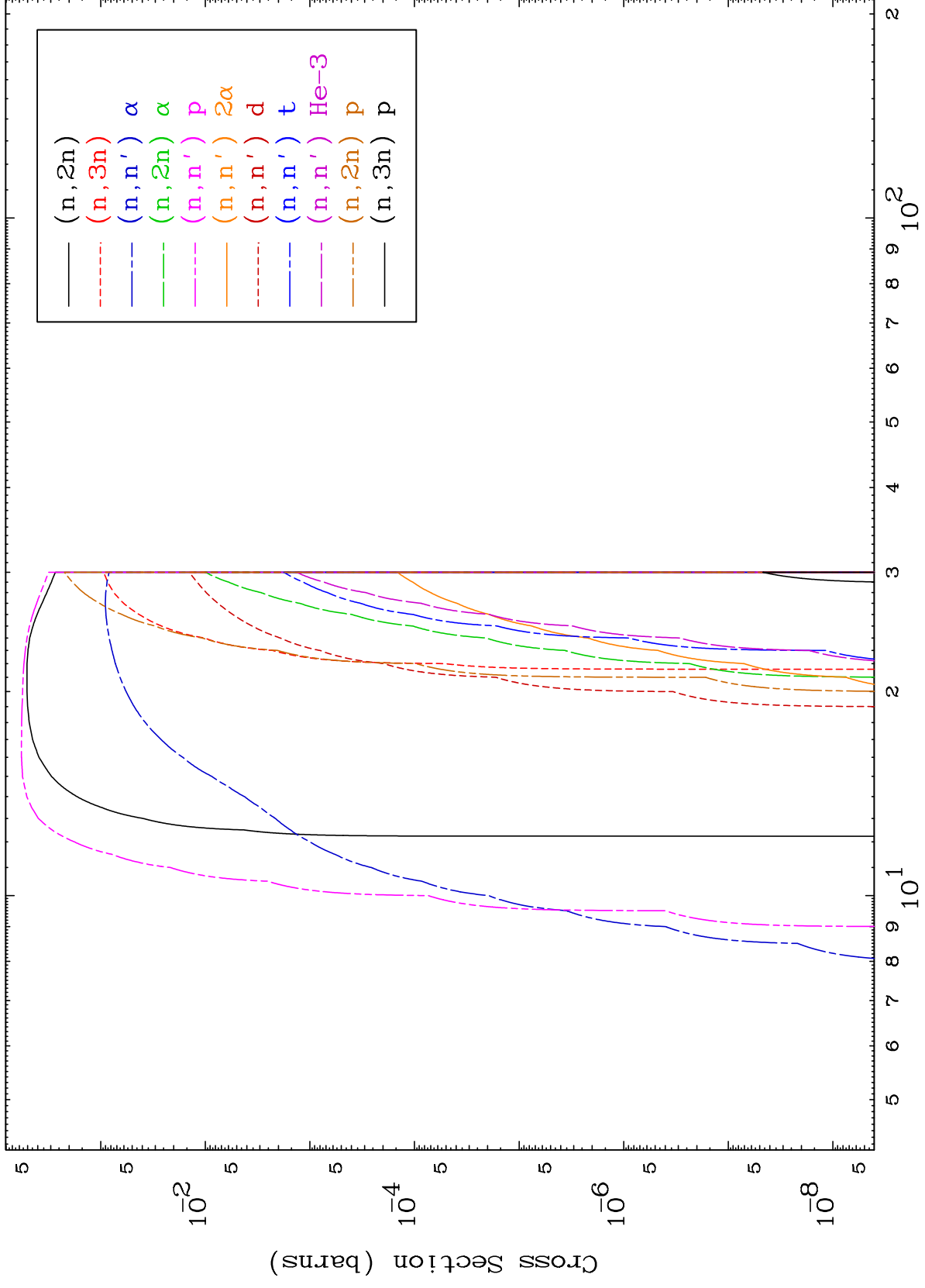
Press Mouse Button to Start

MAT 3625

Major
293 Kelvin Cross Sections

36-Kr-78

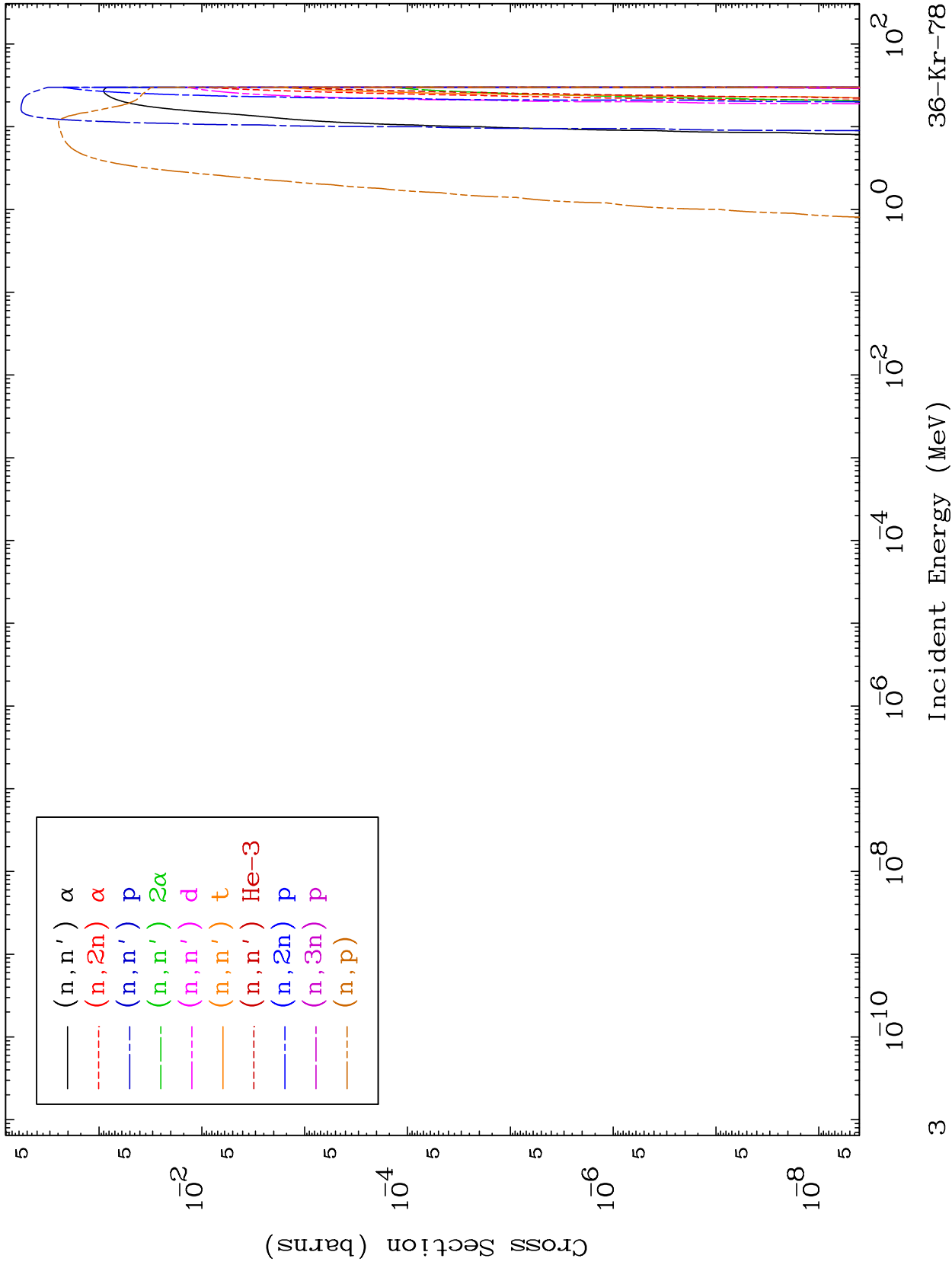




MAT 3625

Charged Particle
293 Kelvin Cross Sections

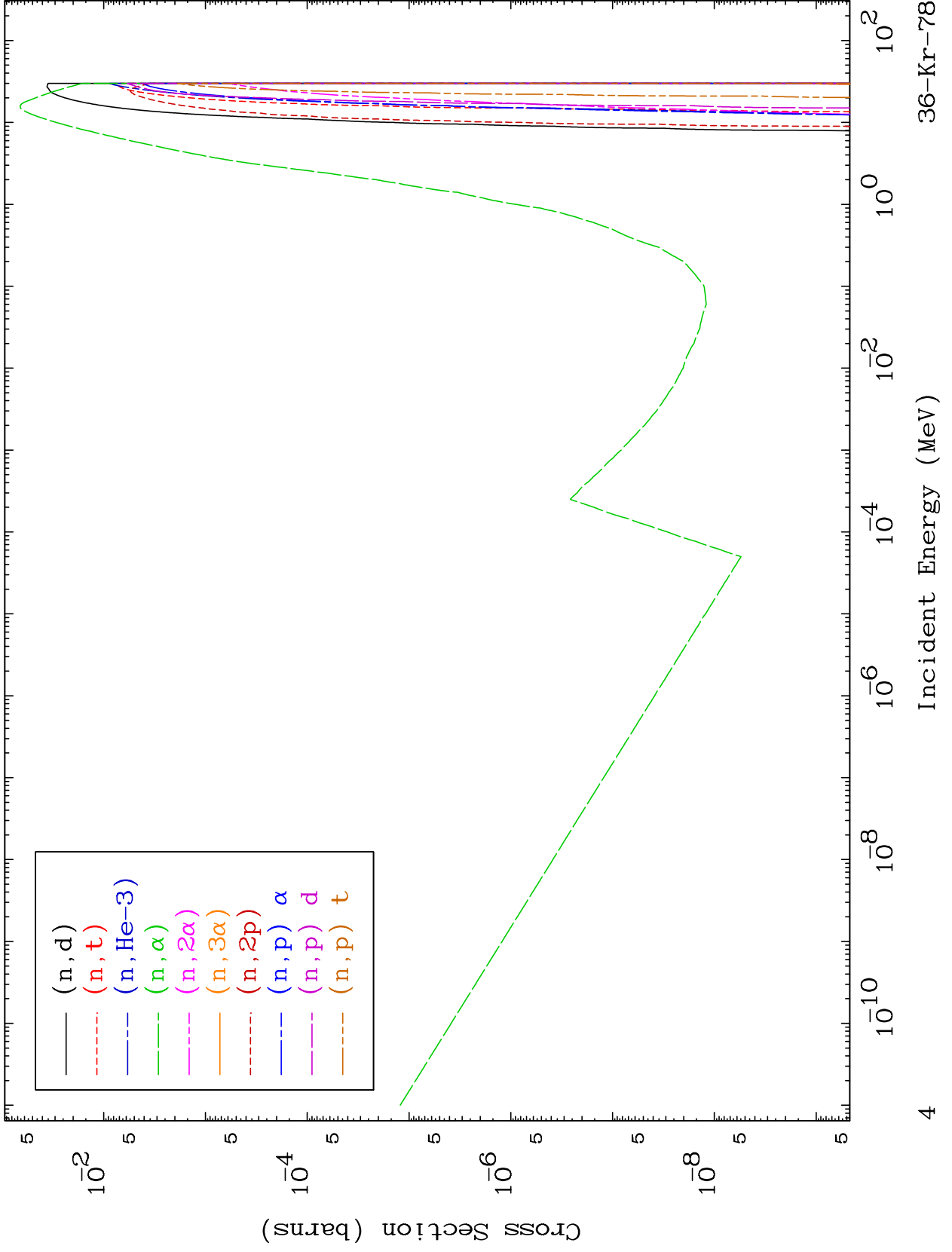
36-Kr-78



MAT 3625

Charged Particle
293 Kelvin Cross Sections

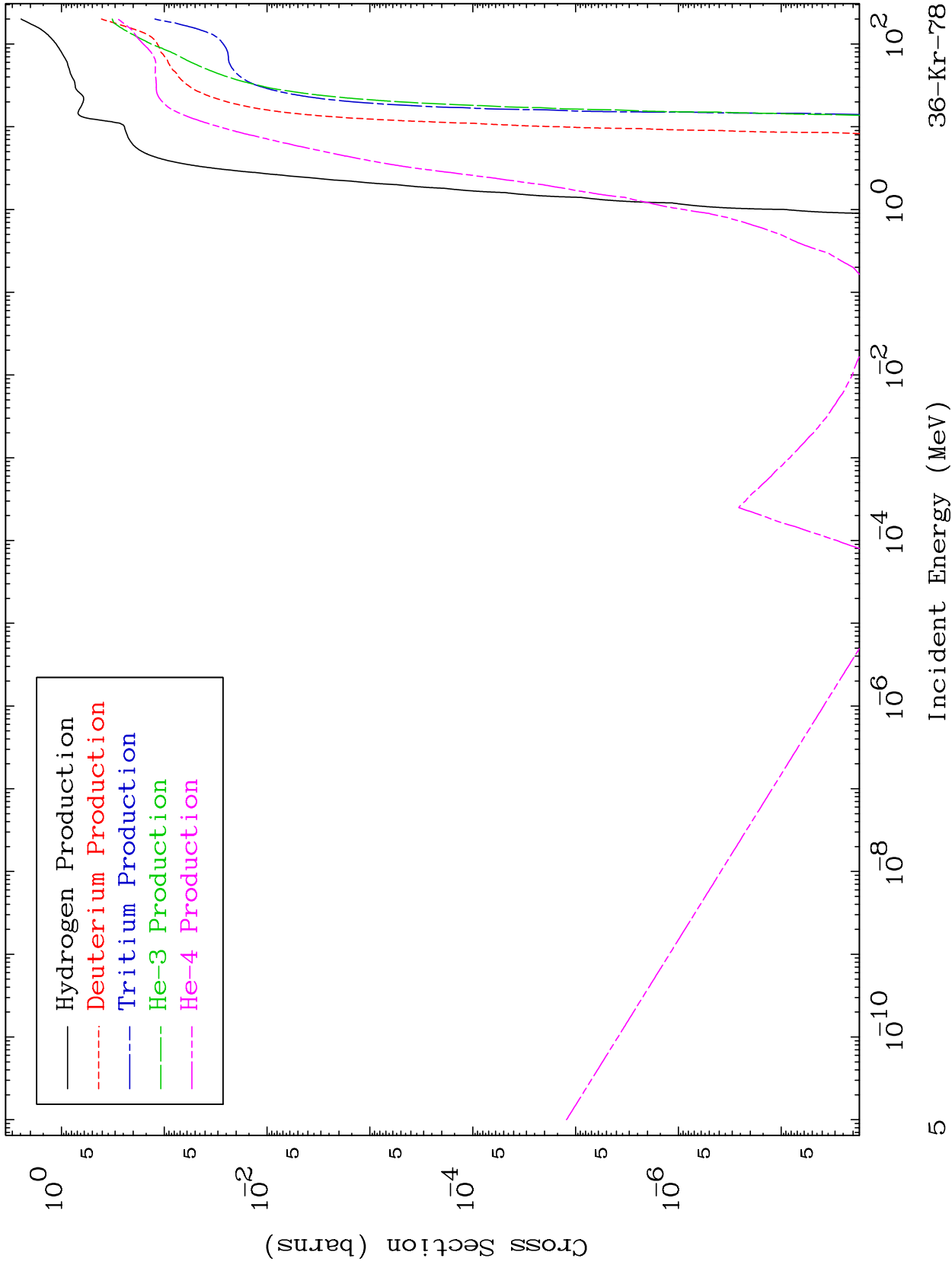
36-Kr-78



MAT 3625

Particle Production
293 Kelvin Cross Sections

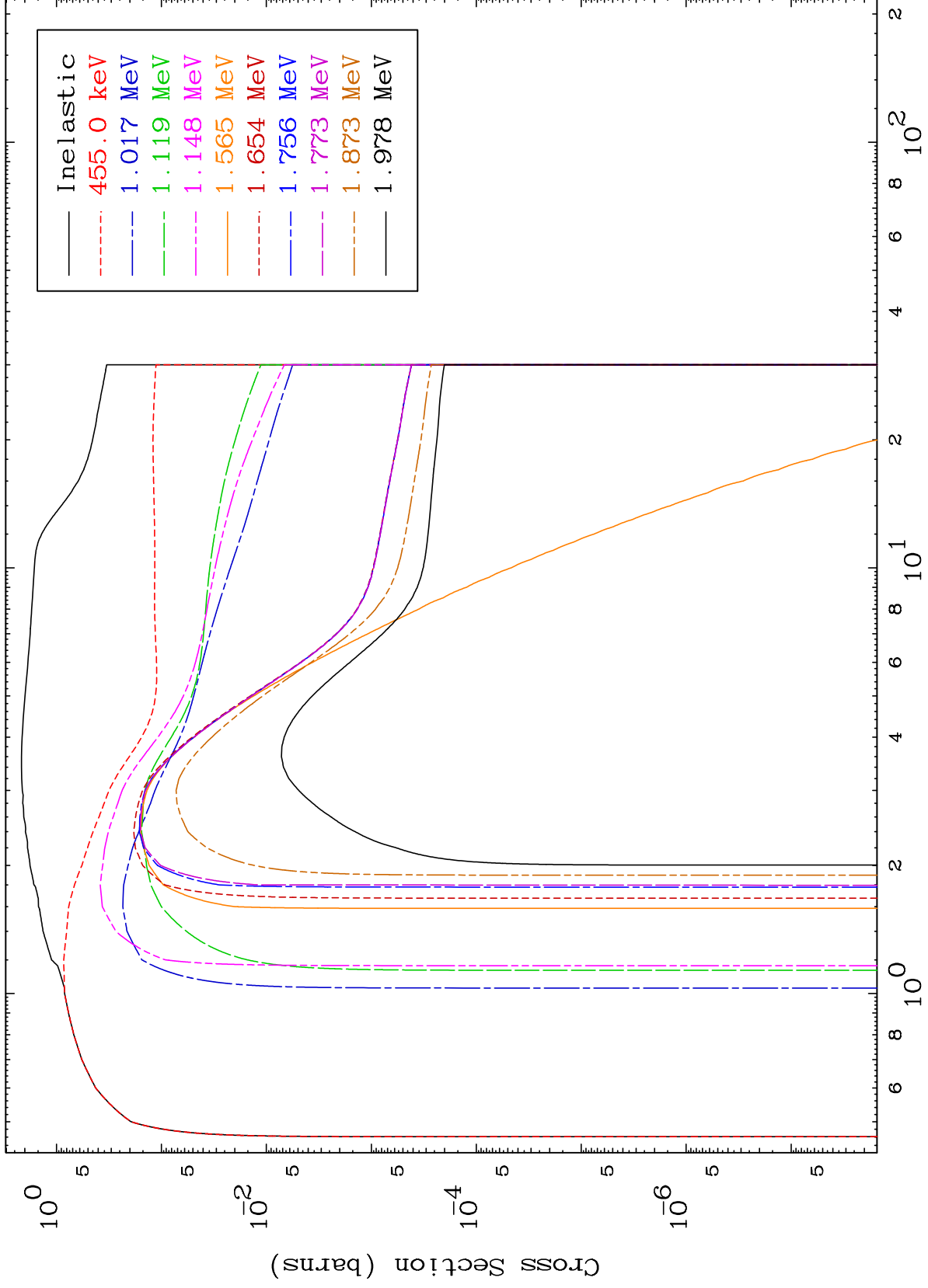
36-Kr-78



MAT 3625

(n,n') Level
293 Kelvin Cross Sections

36-Kr-78



6

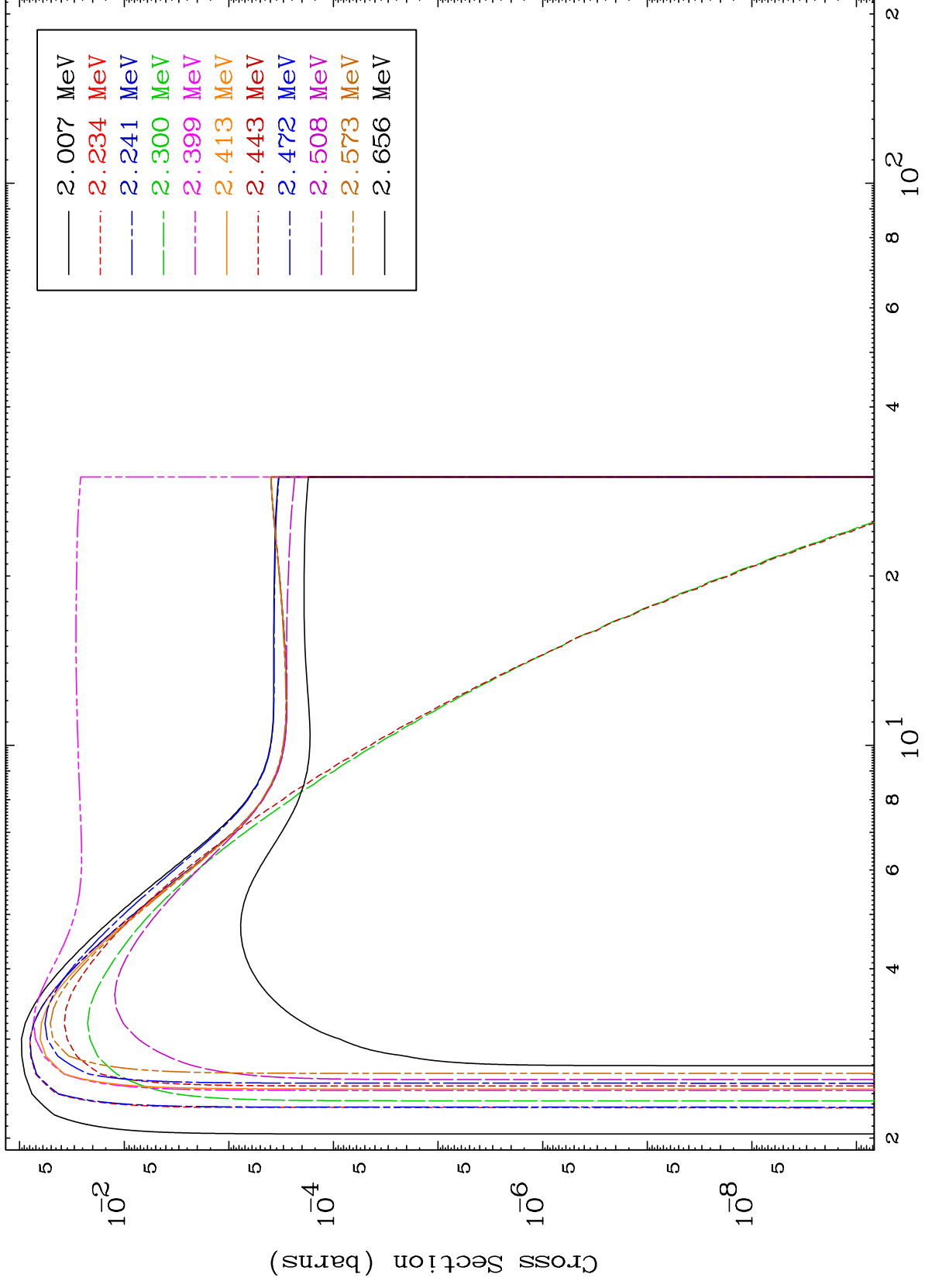
Incident Energy (MeV)

36-Kr-78

MAT 3625

(n,n') Level
293 Kelvin Cross Sections

36-Kr-78

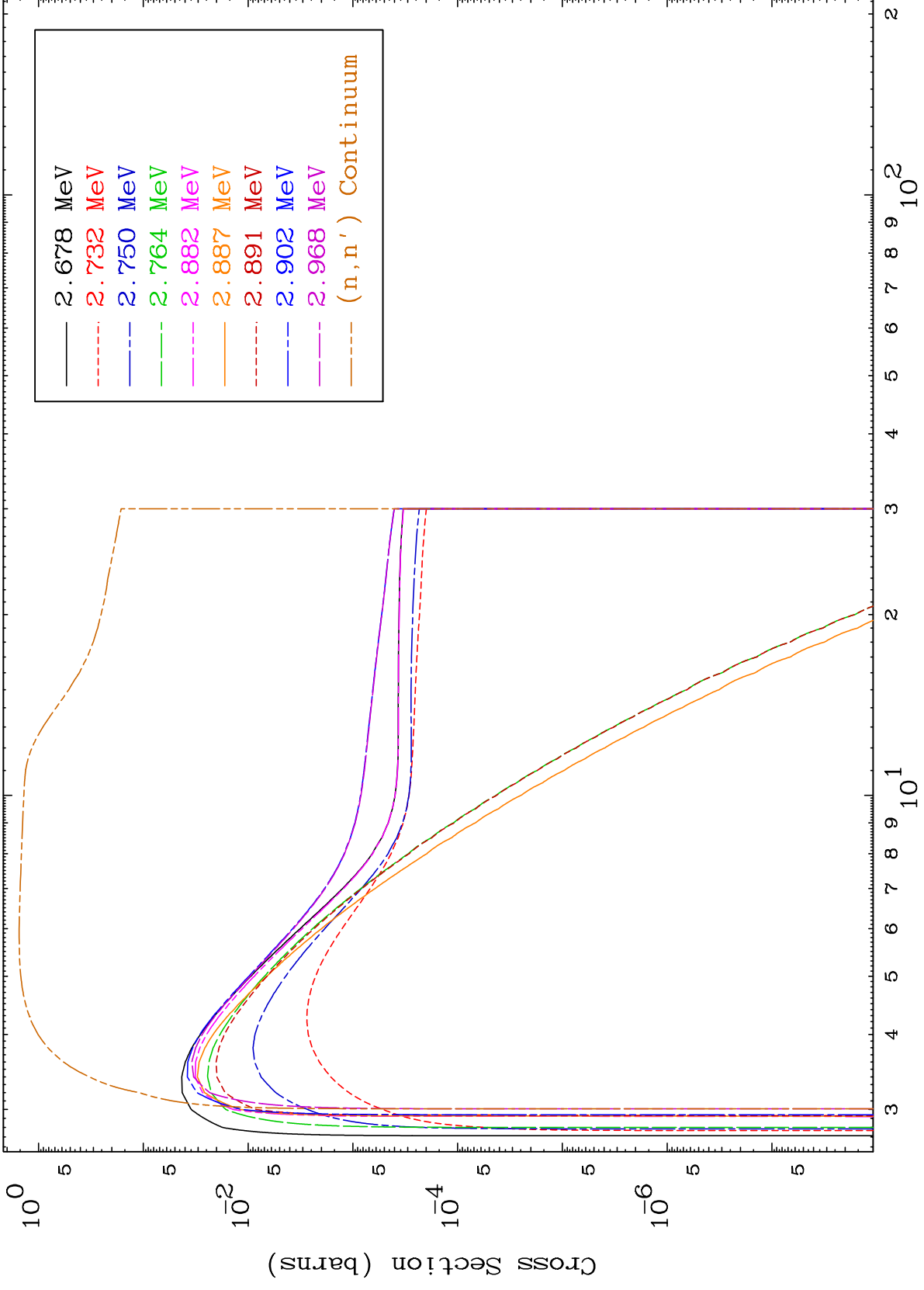


7

Incident Energy (MeV)

36-Kr-78

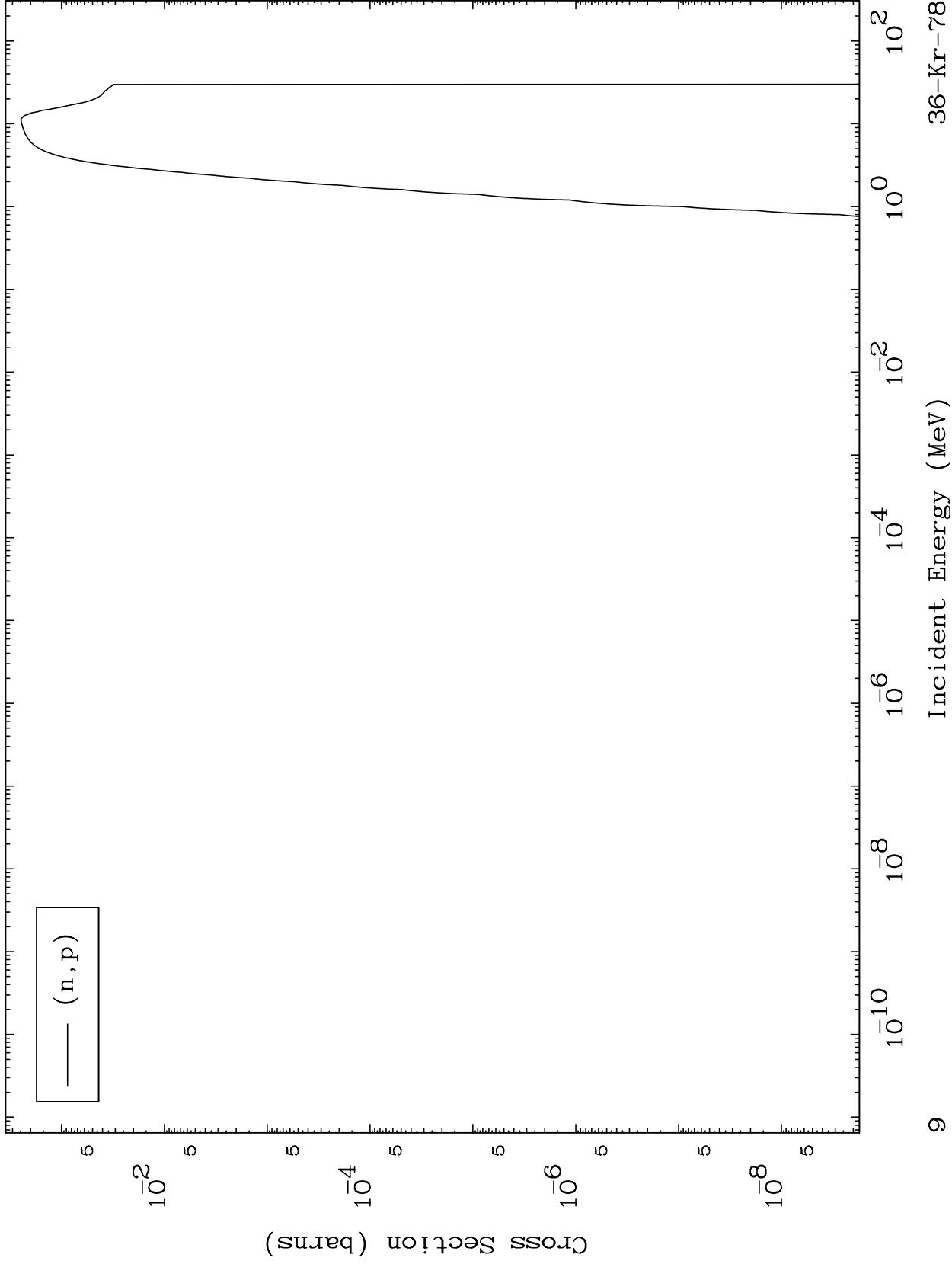
293 Kelvin Cross Sections



MAT 3625

(n,p) Levels
293 Kelvin Cross Sections

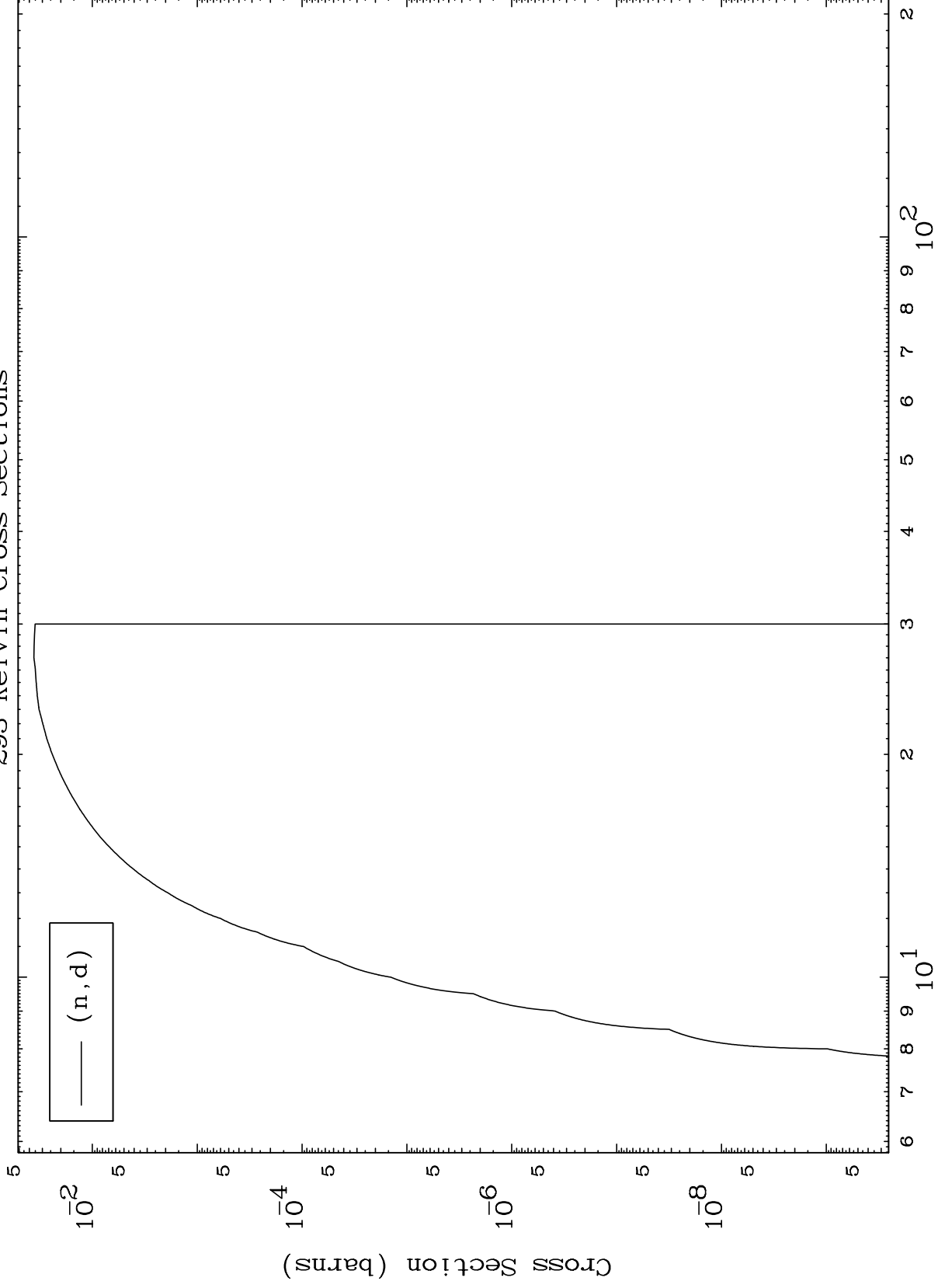
36-Kr-78



MAT 3625

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-78



10

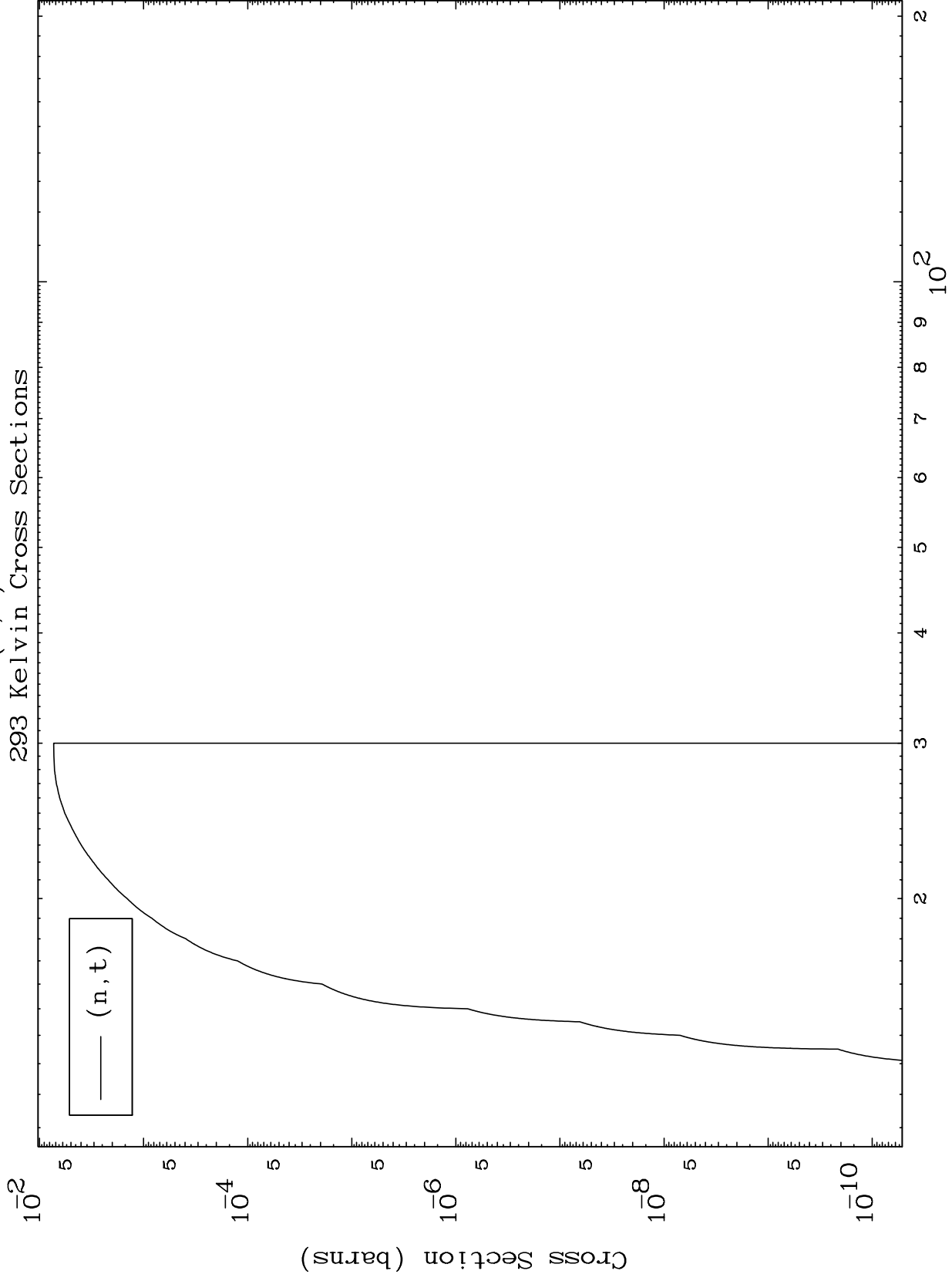
Incident Energy (MeV)

36-Kr-78

MAT 3625

(n,t) Levels
293 Kelvin Cross Sections

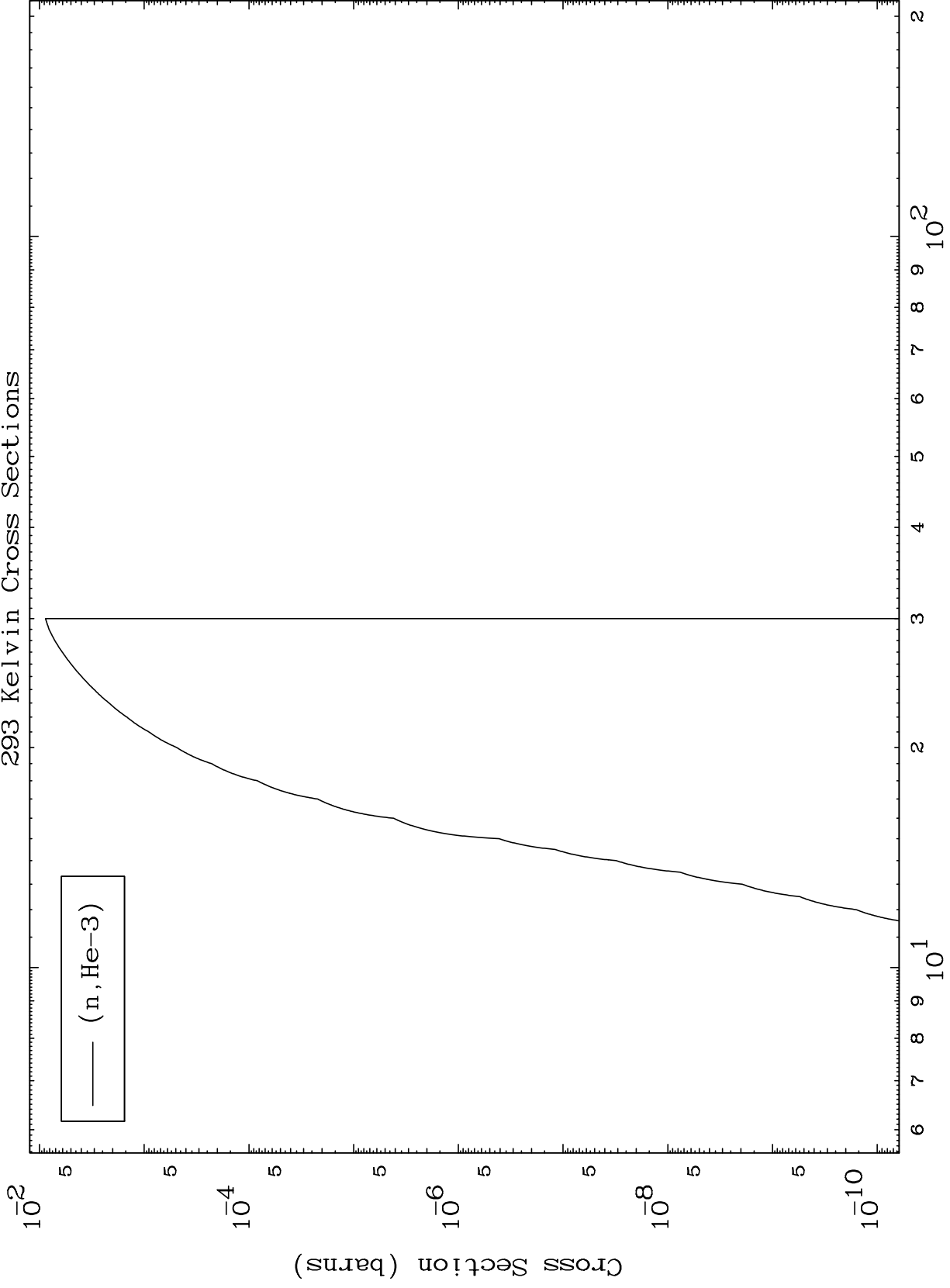
36-Kr-78



MAT 3625

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-78



12

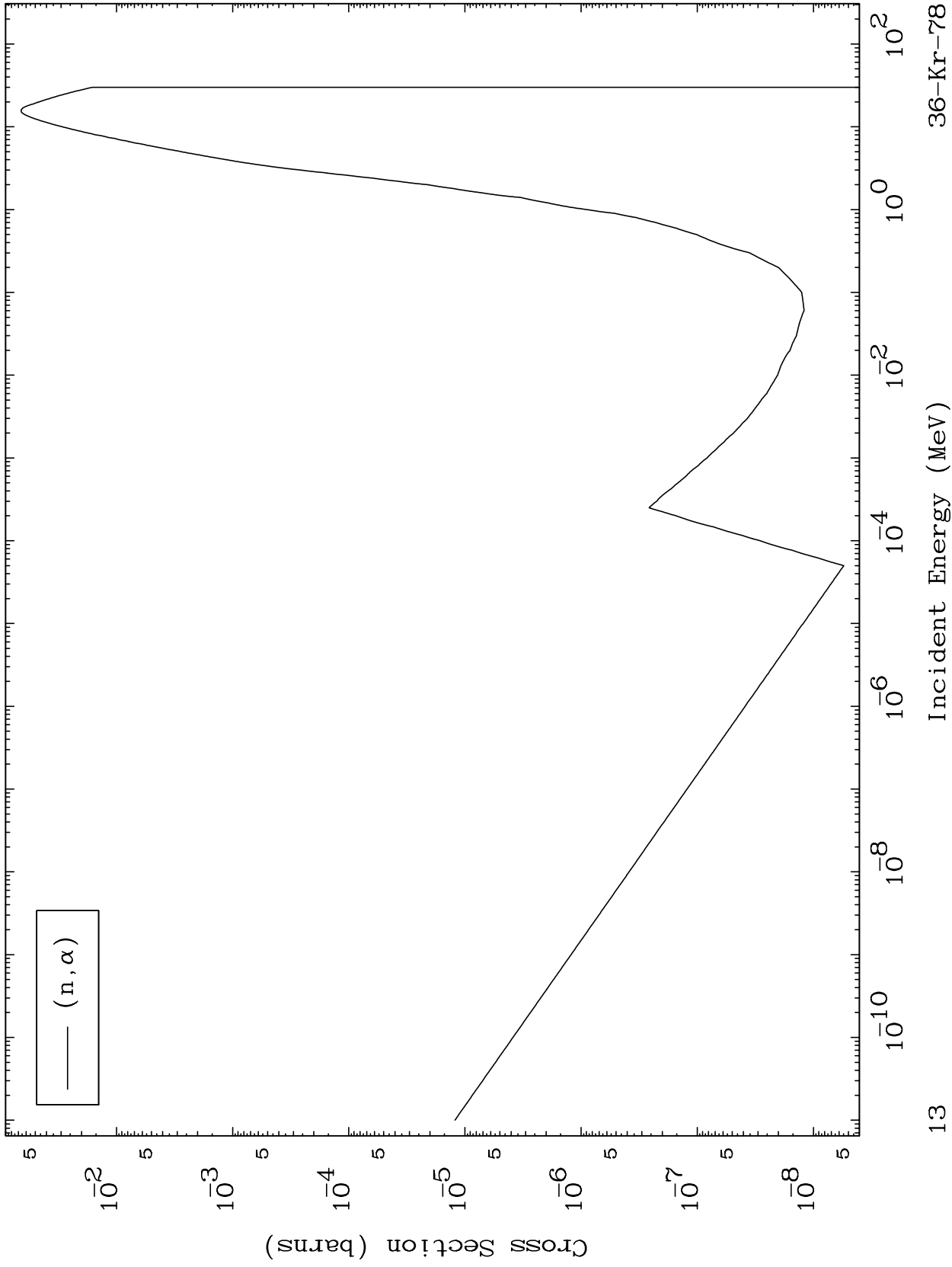
Incident Energy (MeV)

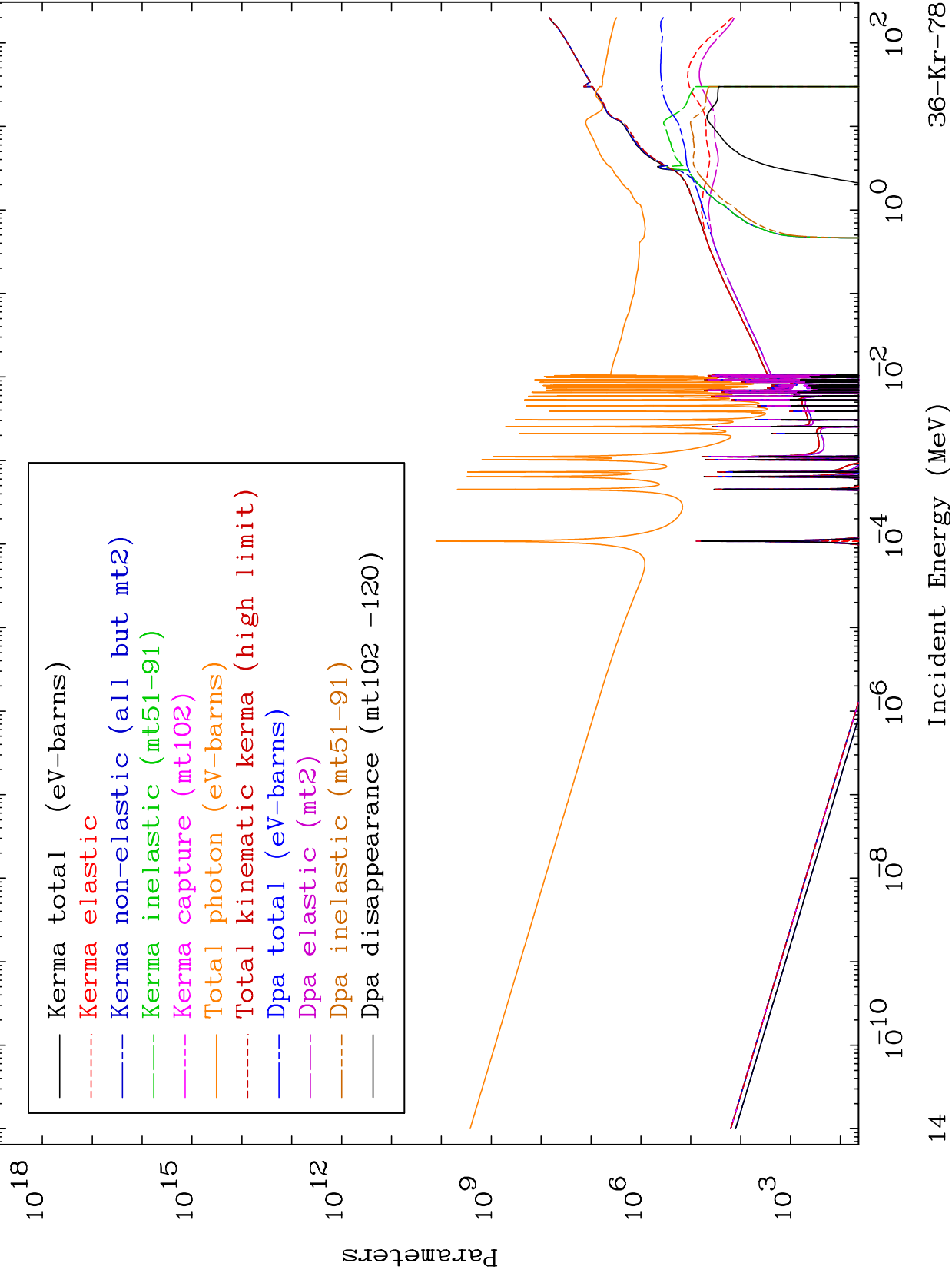
36-Kr-78

MAT 3625

(n, α) Levels
293 Kelvin Cross Sections

36-Kr-78

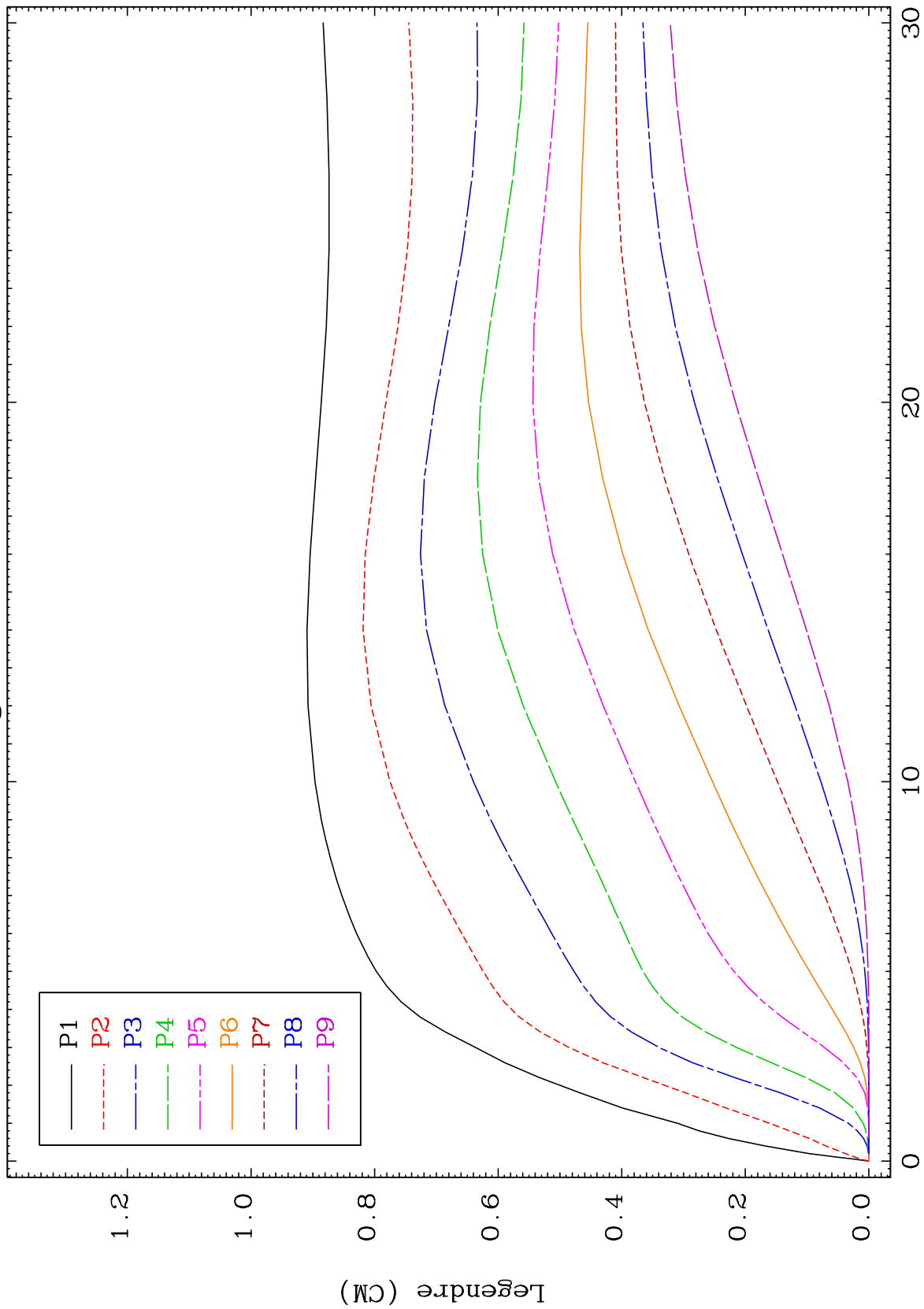




MAT 3625

Elastic Legendre Coefficients

36-Kr-78



15

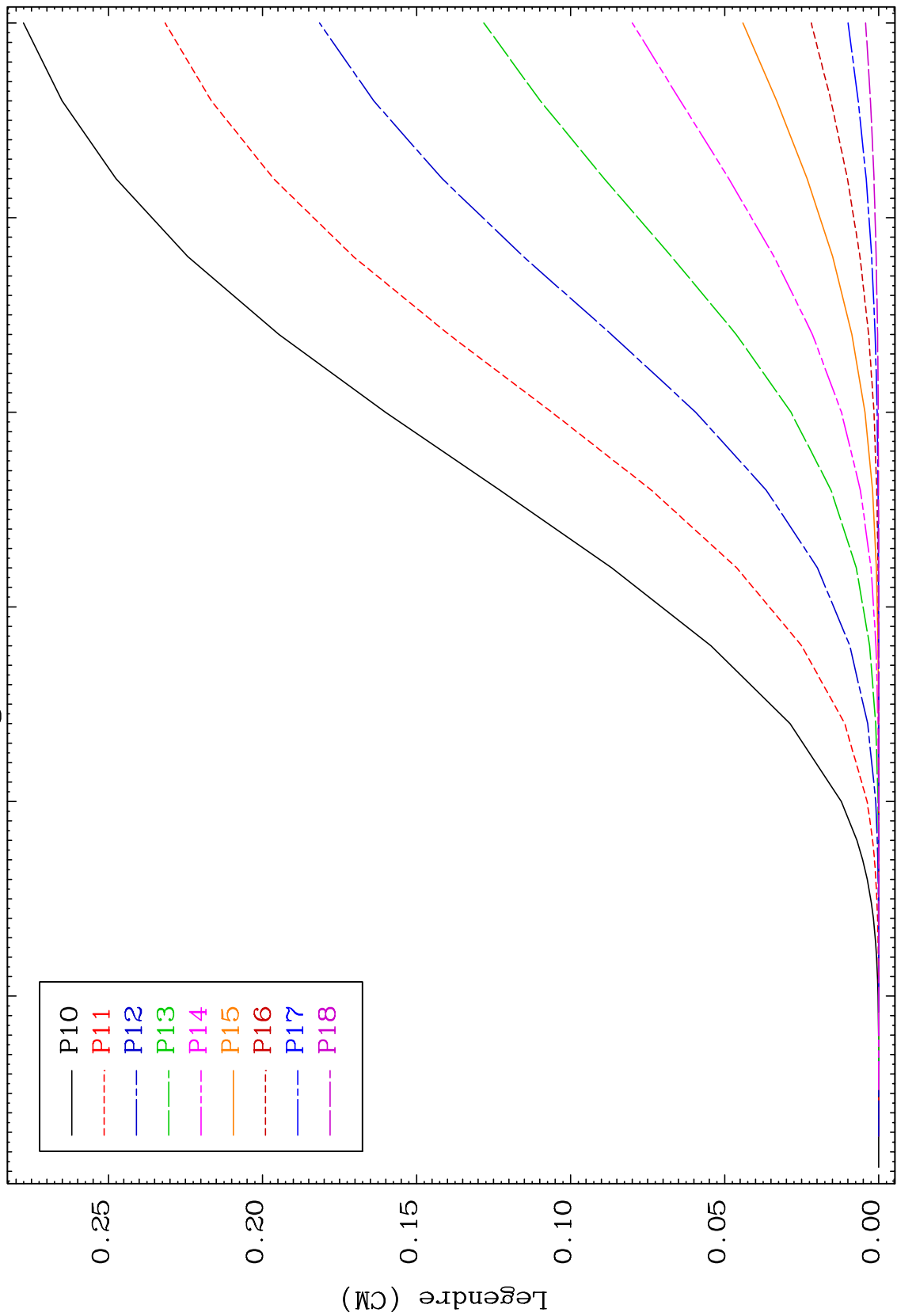
Incident Energy (MeV)

36-Kr-78

MAT 3625

Elastic Legendre Coefficients

³⁶Kr-78



16

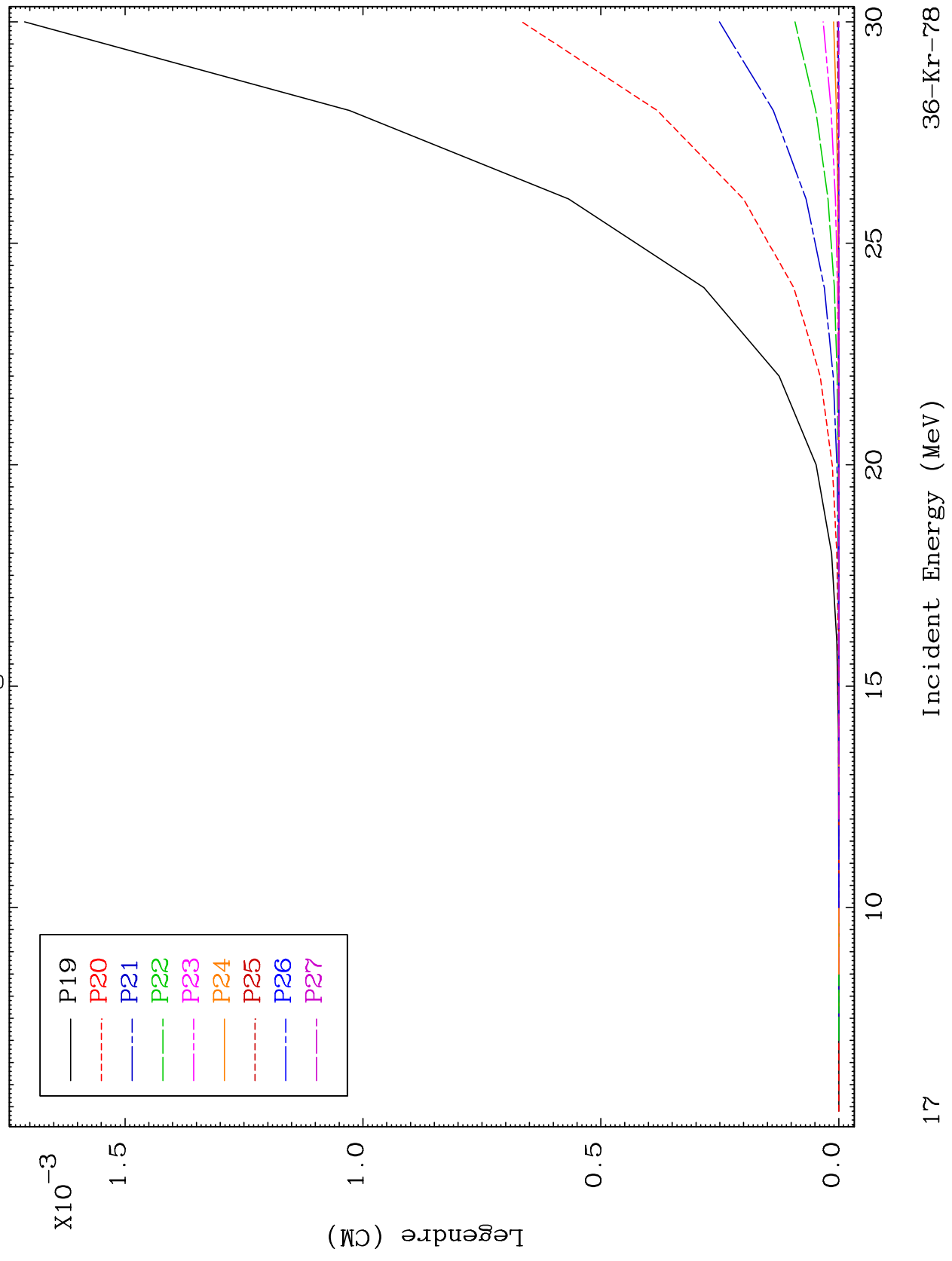
Incident Energy (MeV)

³⁶Kr-78

MAT 3625

Elastic Legendre Coefficients

36-Kr-78

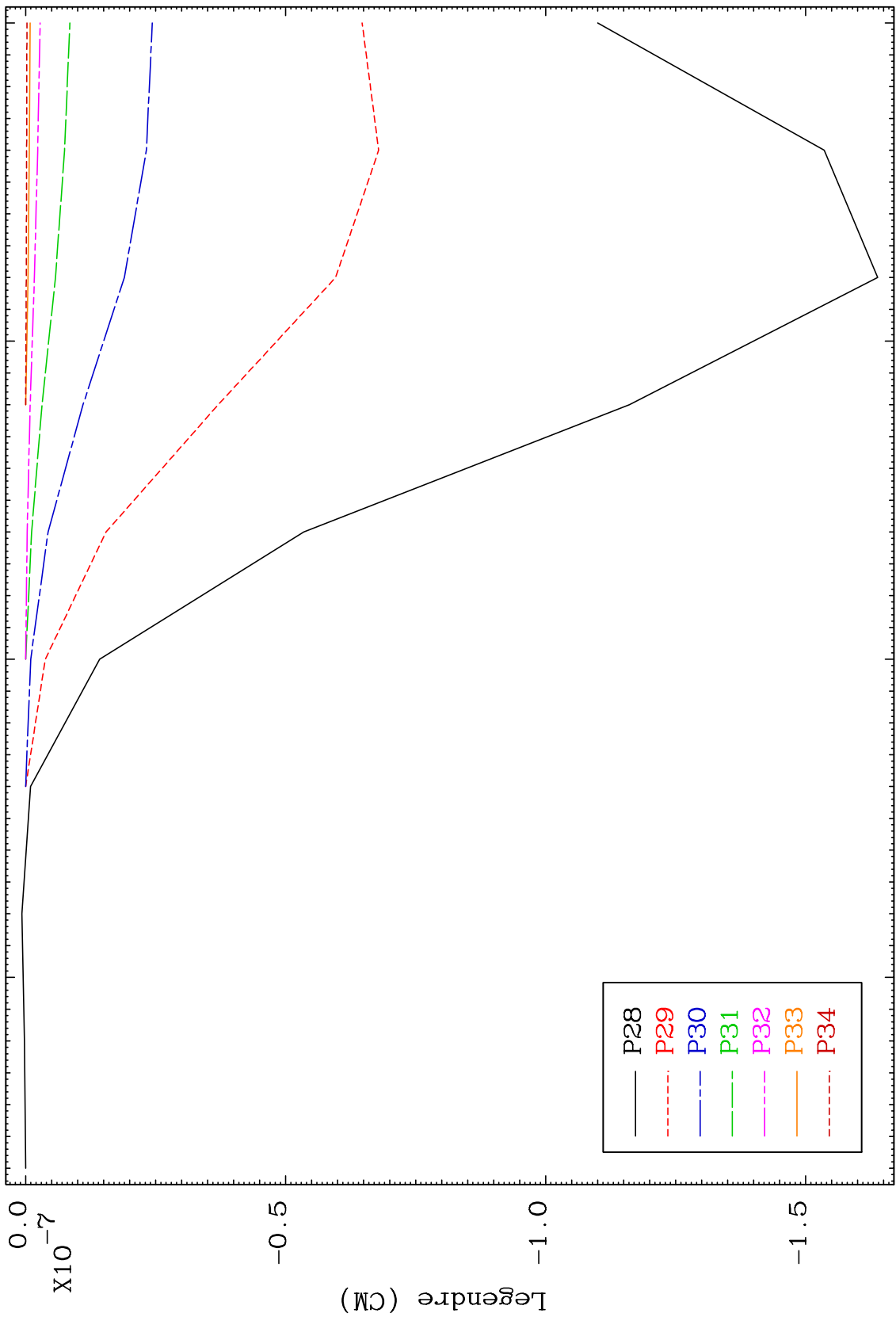


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 3625

36-Kr-78

Elastic Legendre Coefficients



18

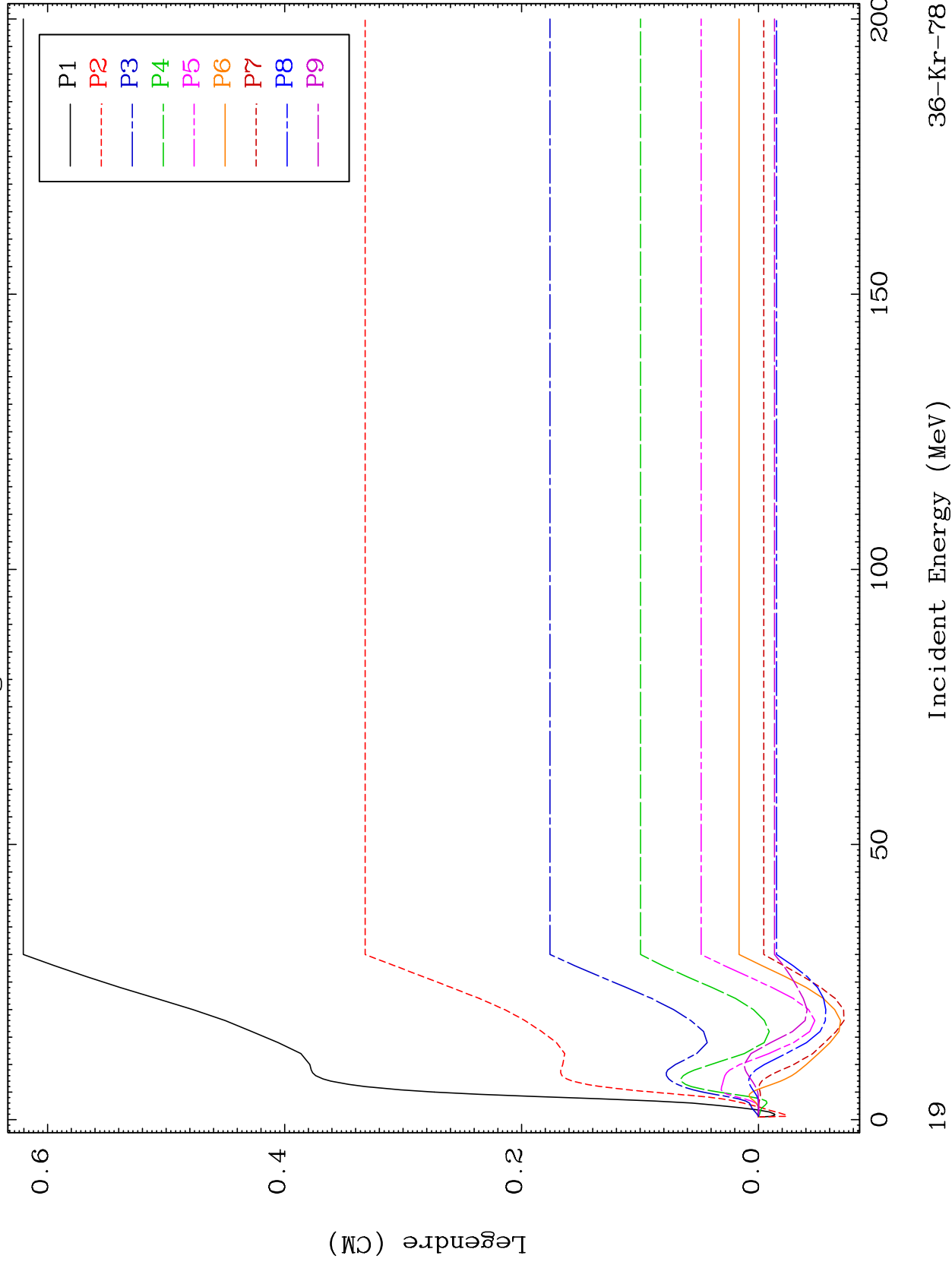
Incident Energy (MeV)

36-Kr-78

MAT 3625

455.0 keV (n,n') Level
Legendre Coefficients

36-Kr-78



19

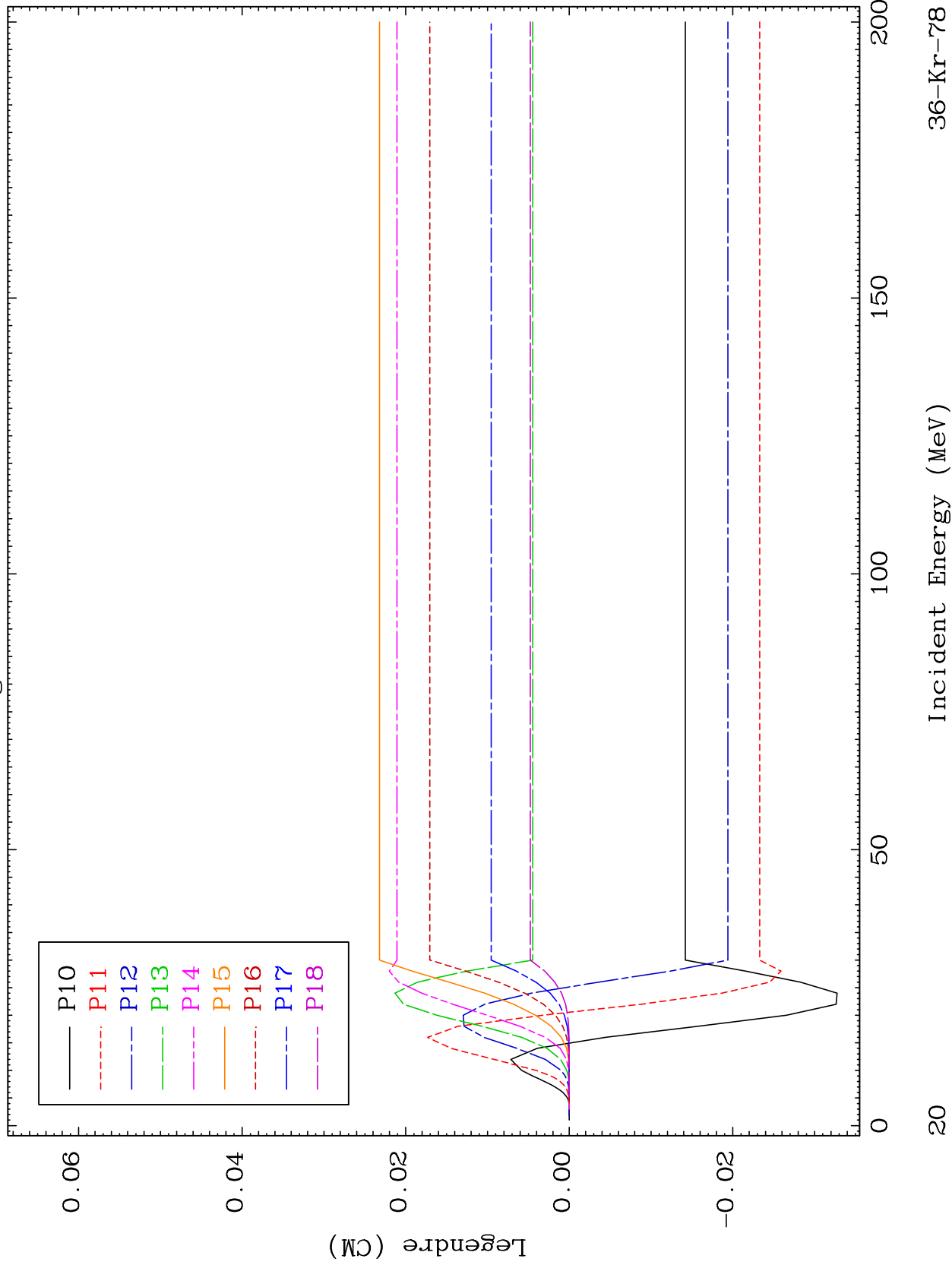
Incident Energy (MeV)

36-Kr-78

MAT 3625

455.0 keV (n,n') Level
Legendre Coefficients

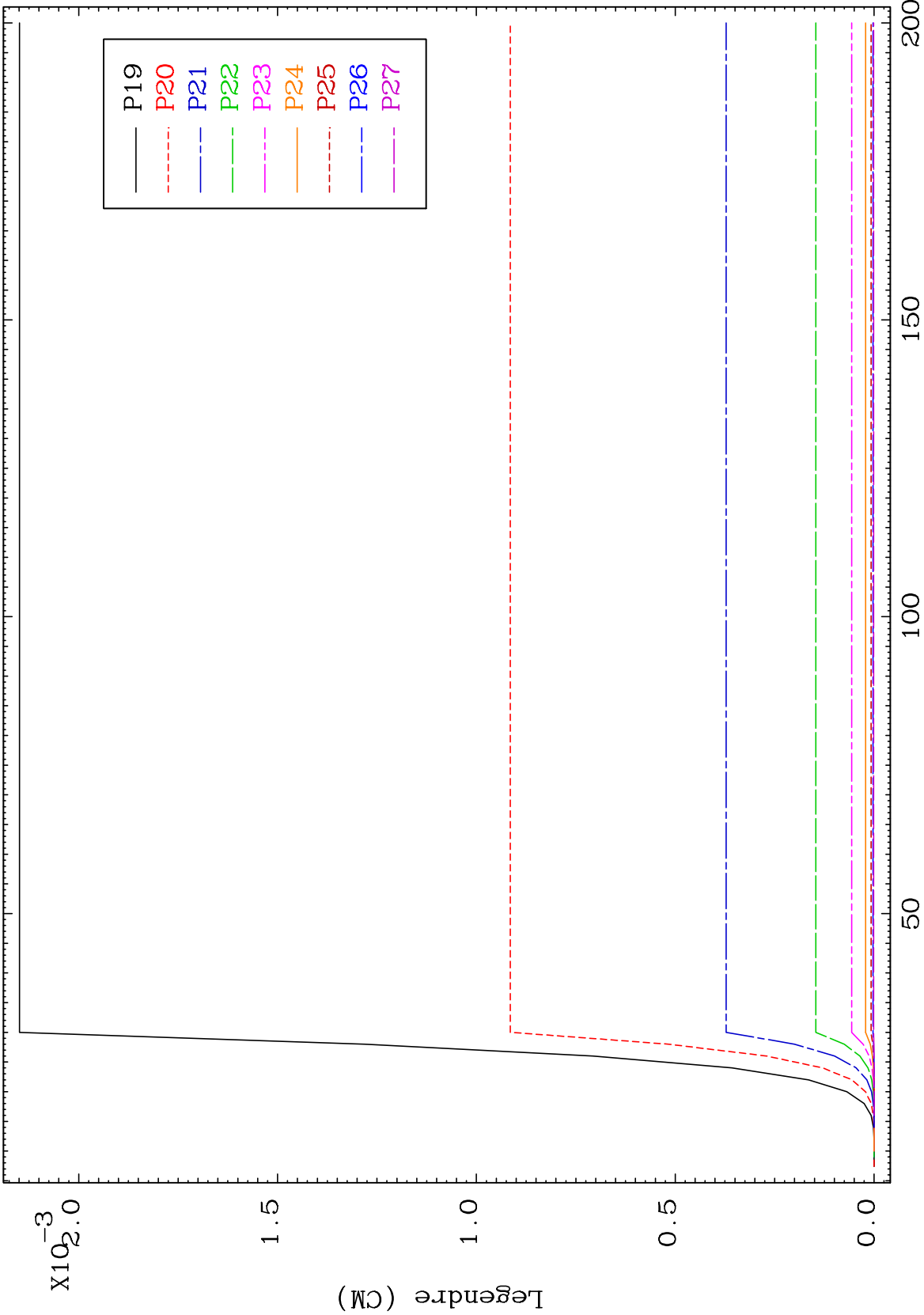
36-Kr-78



36-Kr-78

Incident Energy (MeV)

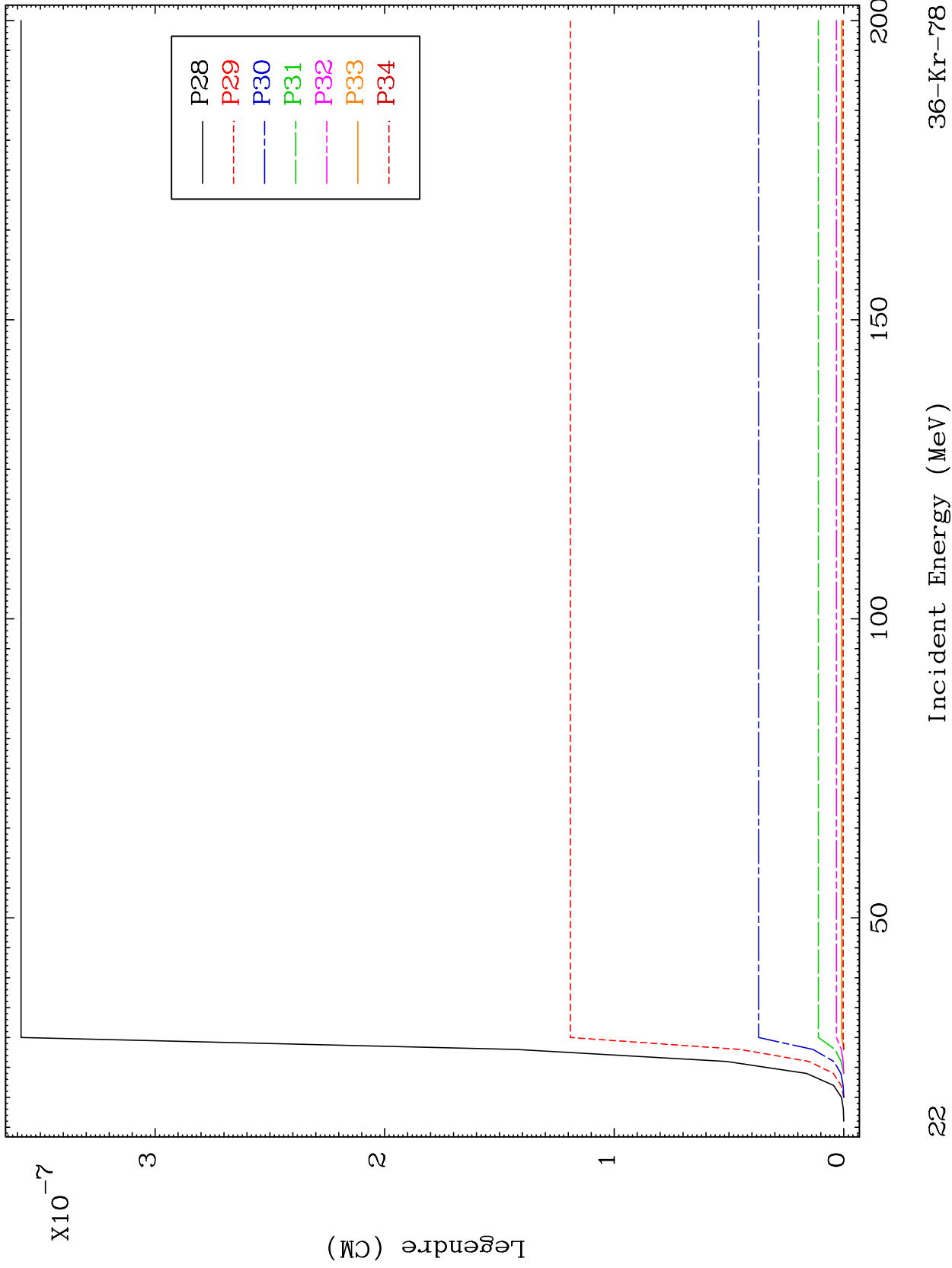
20



MAT 3625

455.0 keV (n,n') Level
Legendre Coefficients

36-Kr-78



22

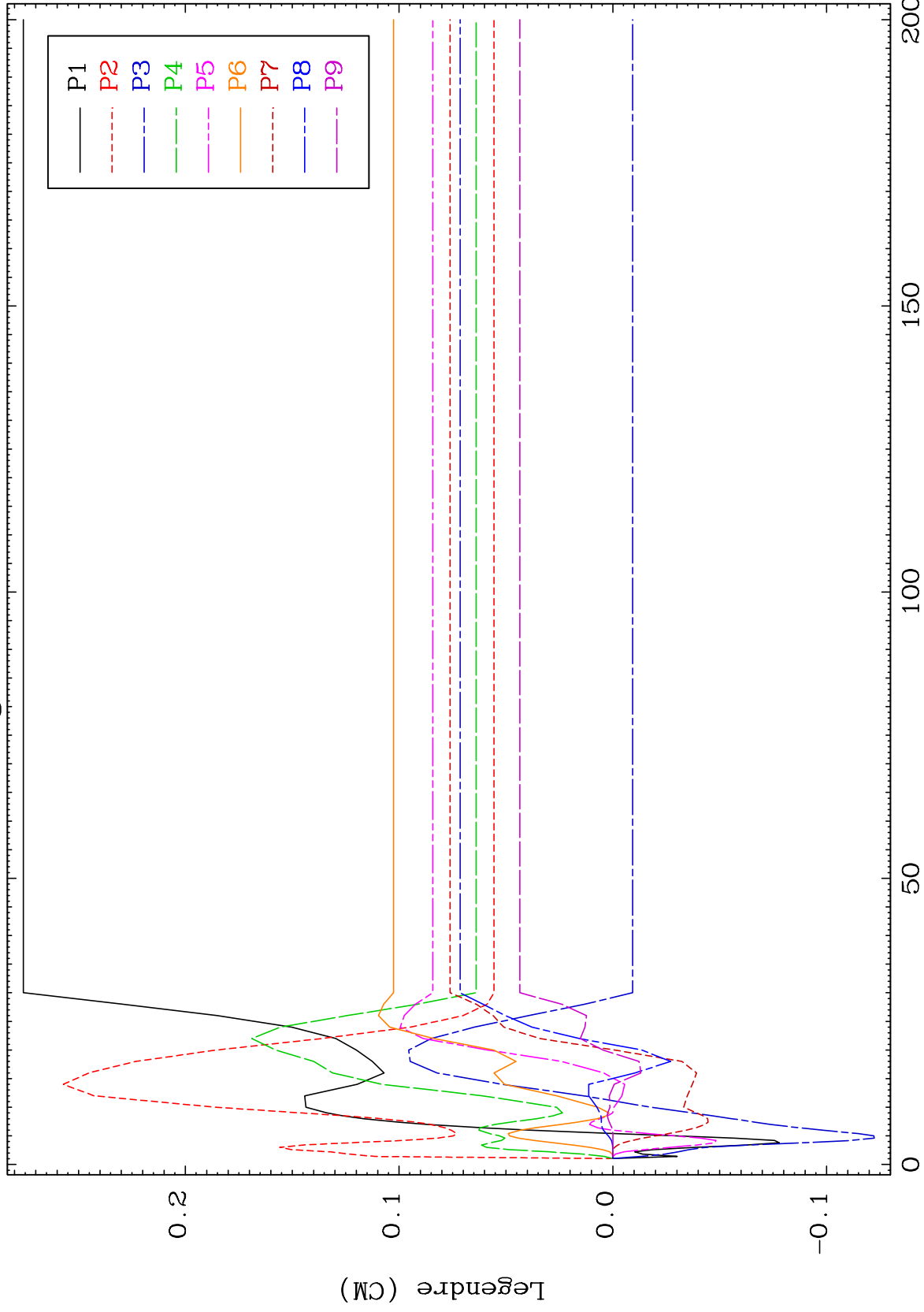
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.017 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



36-Kr-78

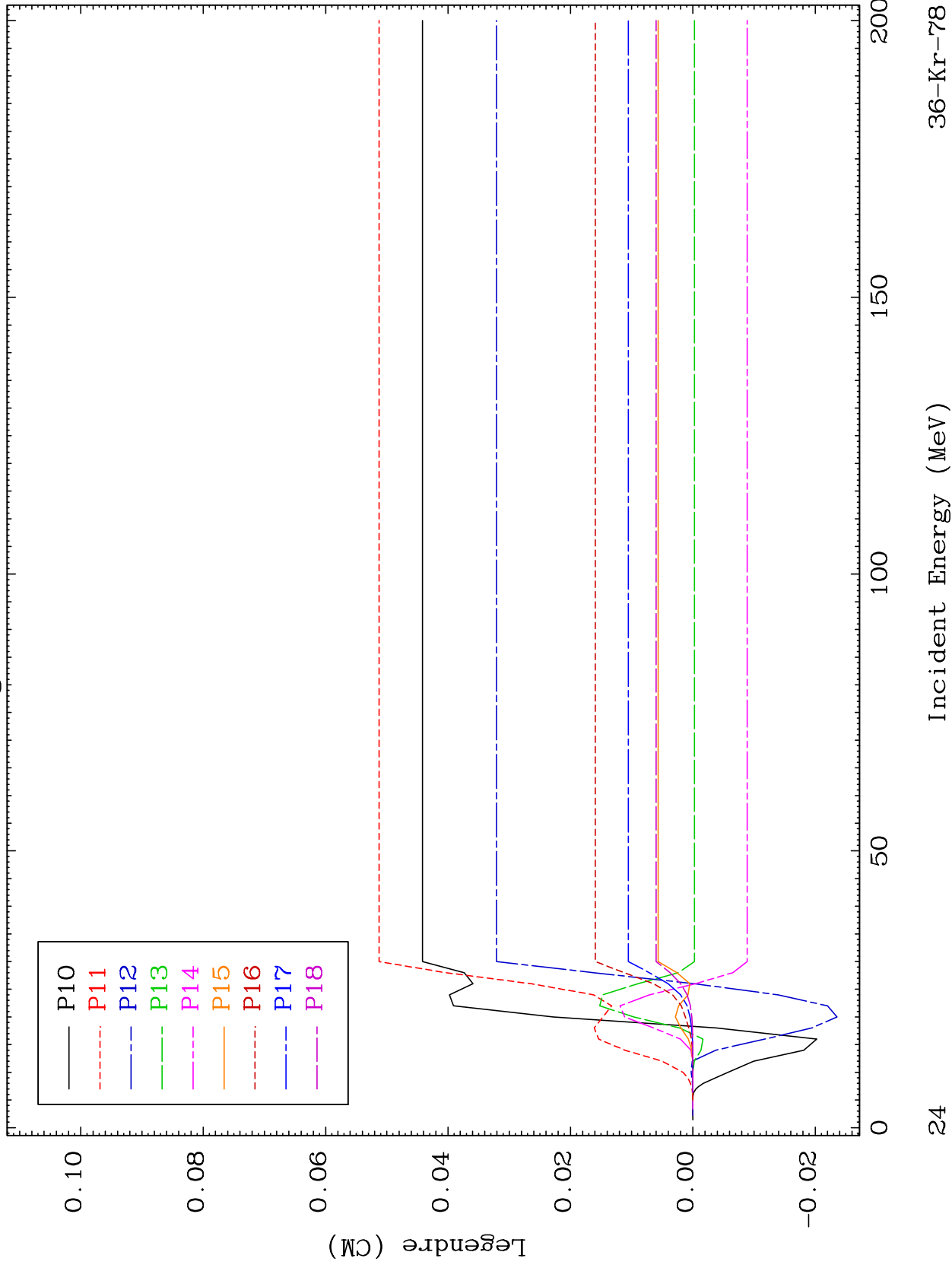
Incident Energy (MeV)

23

MAT 3625

1.017 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



36-Kr-78

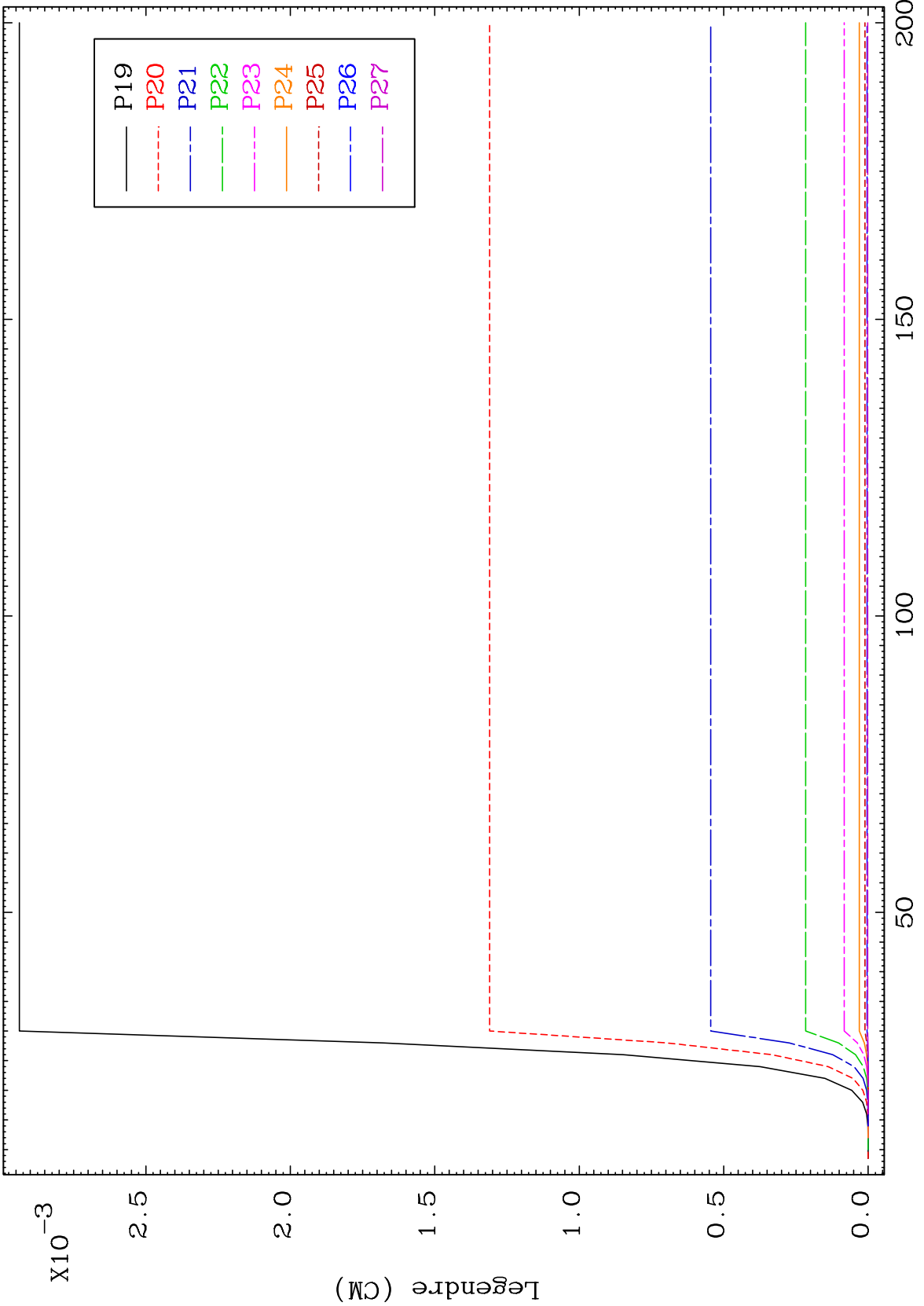
Incident Energy (MeV)

24

MAT 3625

1.017 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



25

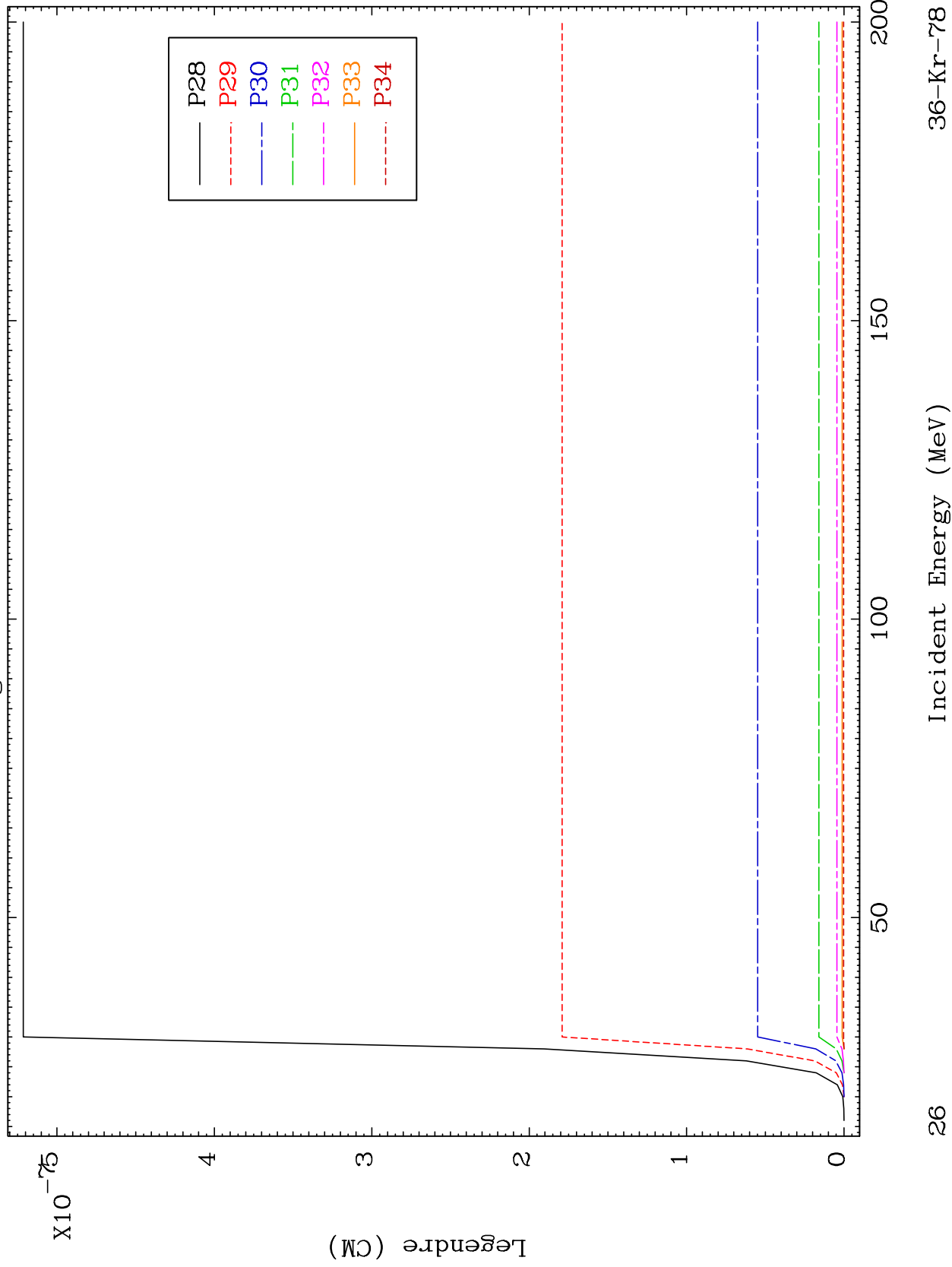
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.017 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



26

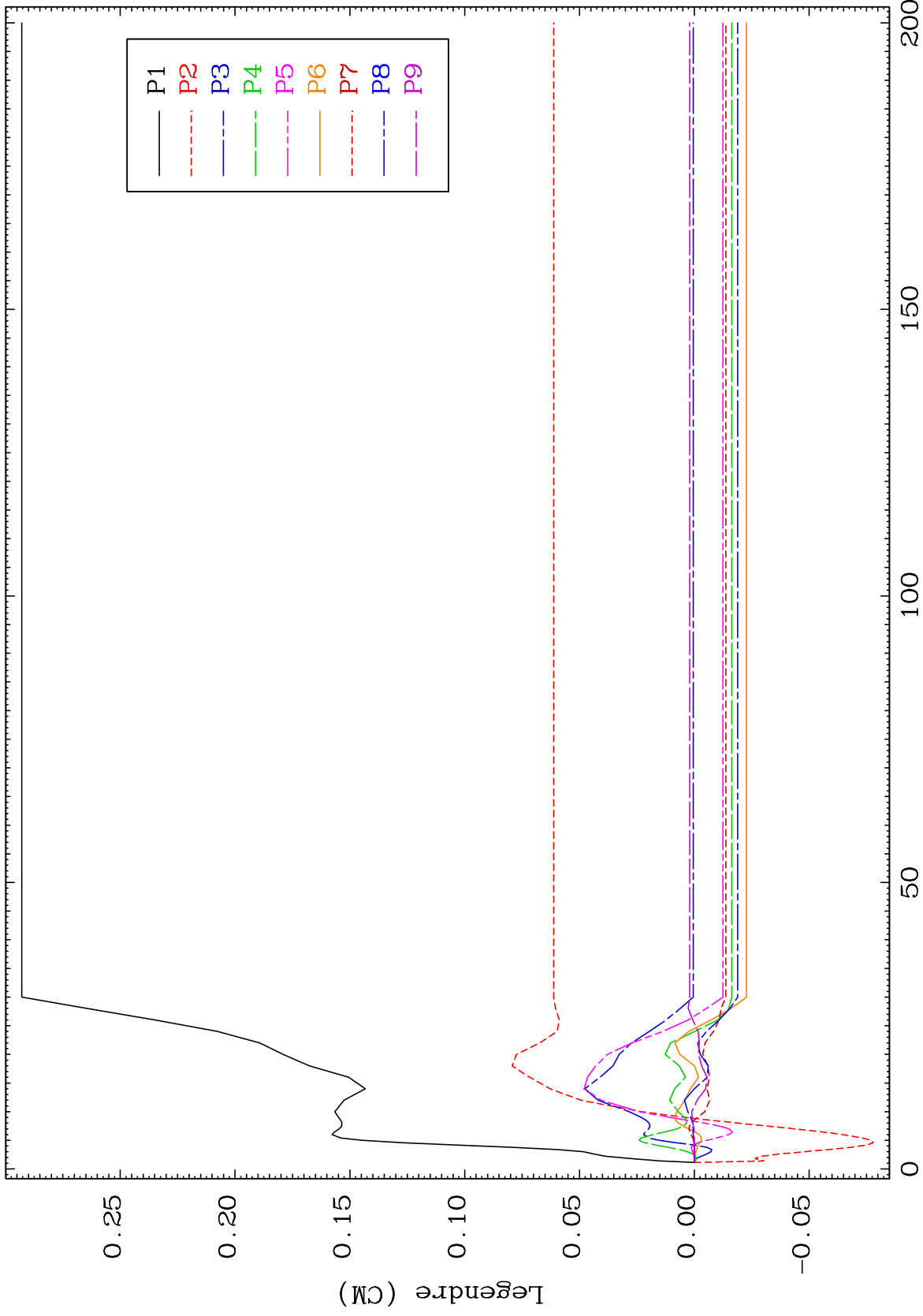
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.119 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



27

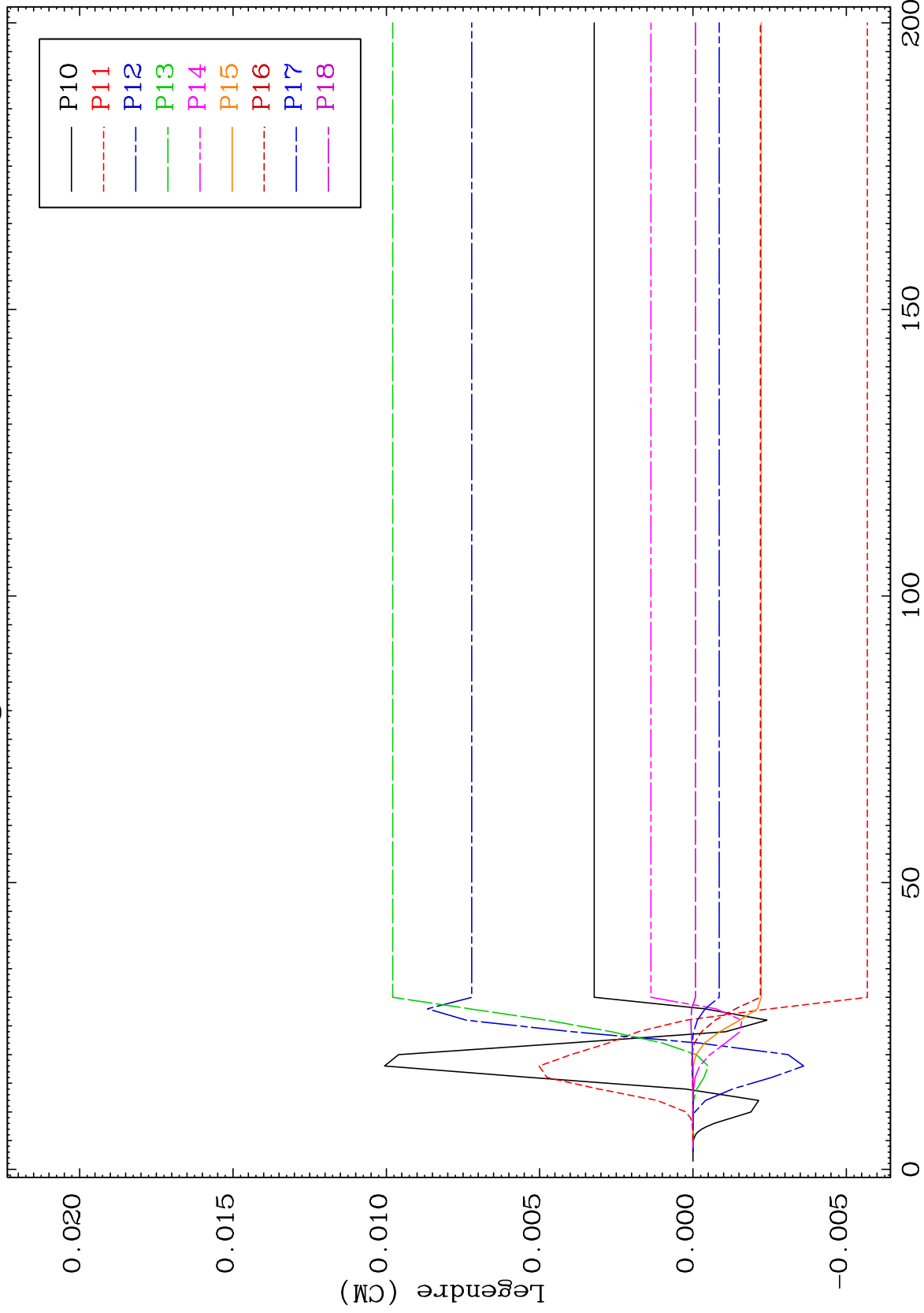
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.119 MeV (n,n') Level
Legendre Coefficients

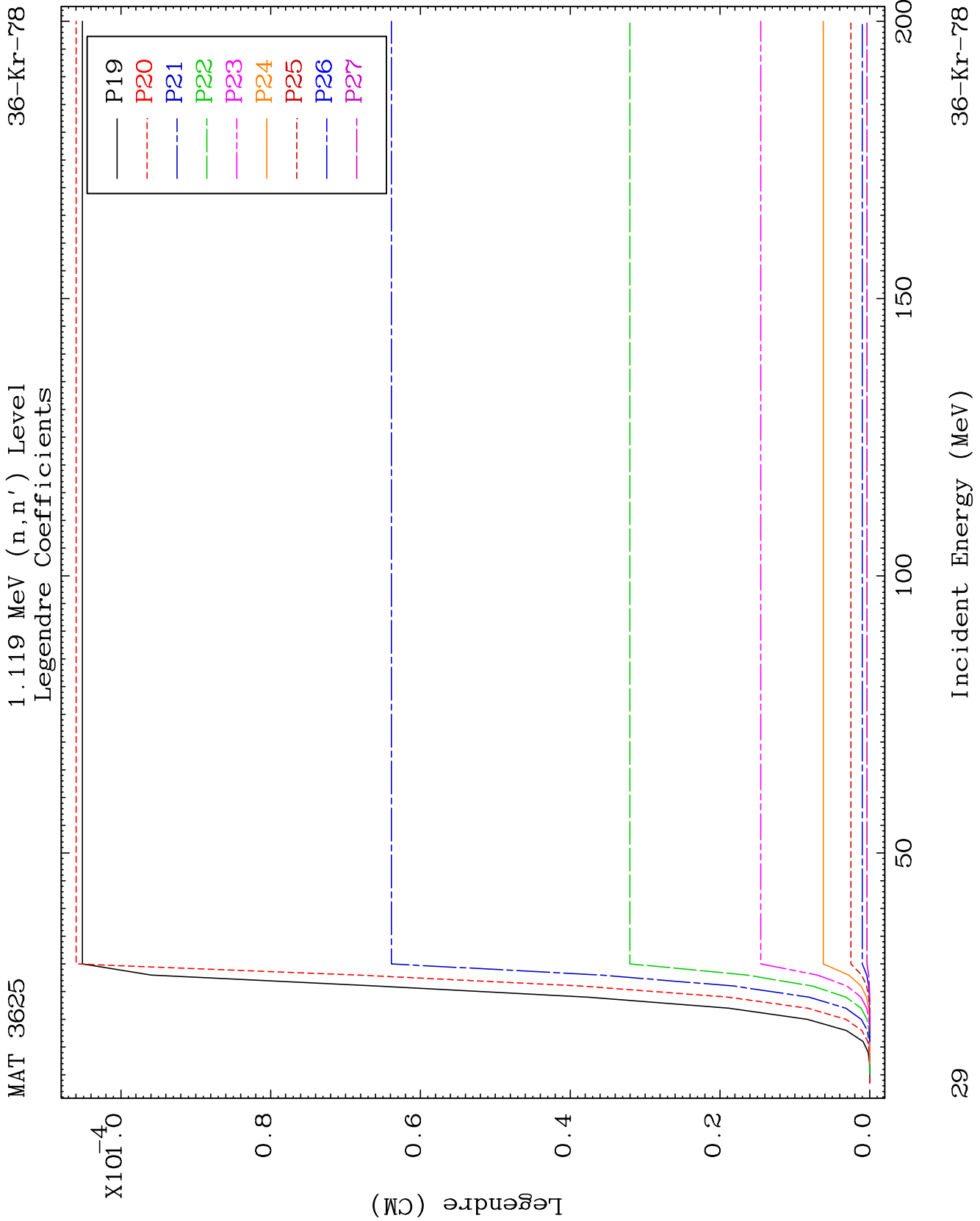
36-Kr-78

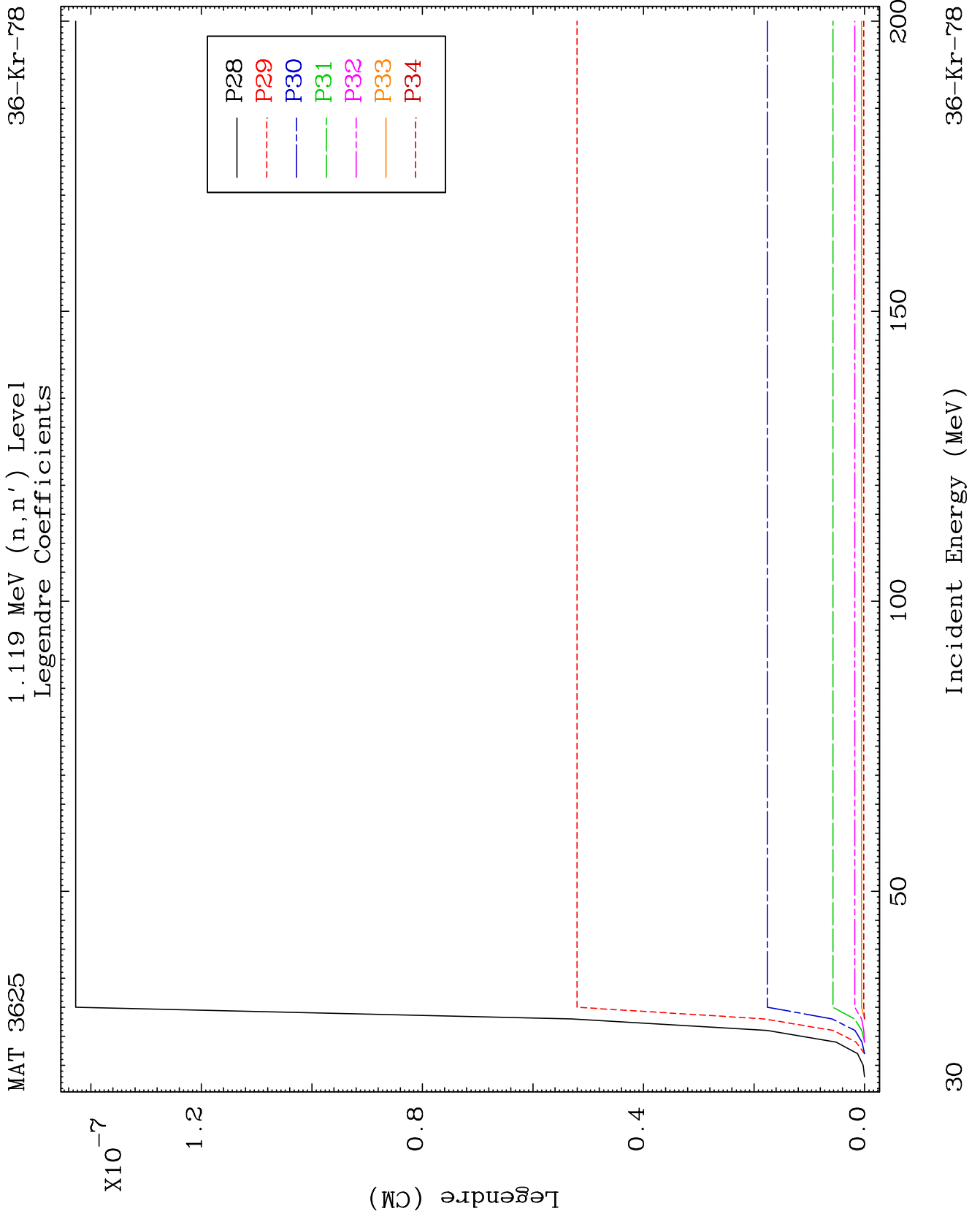


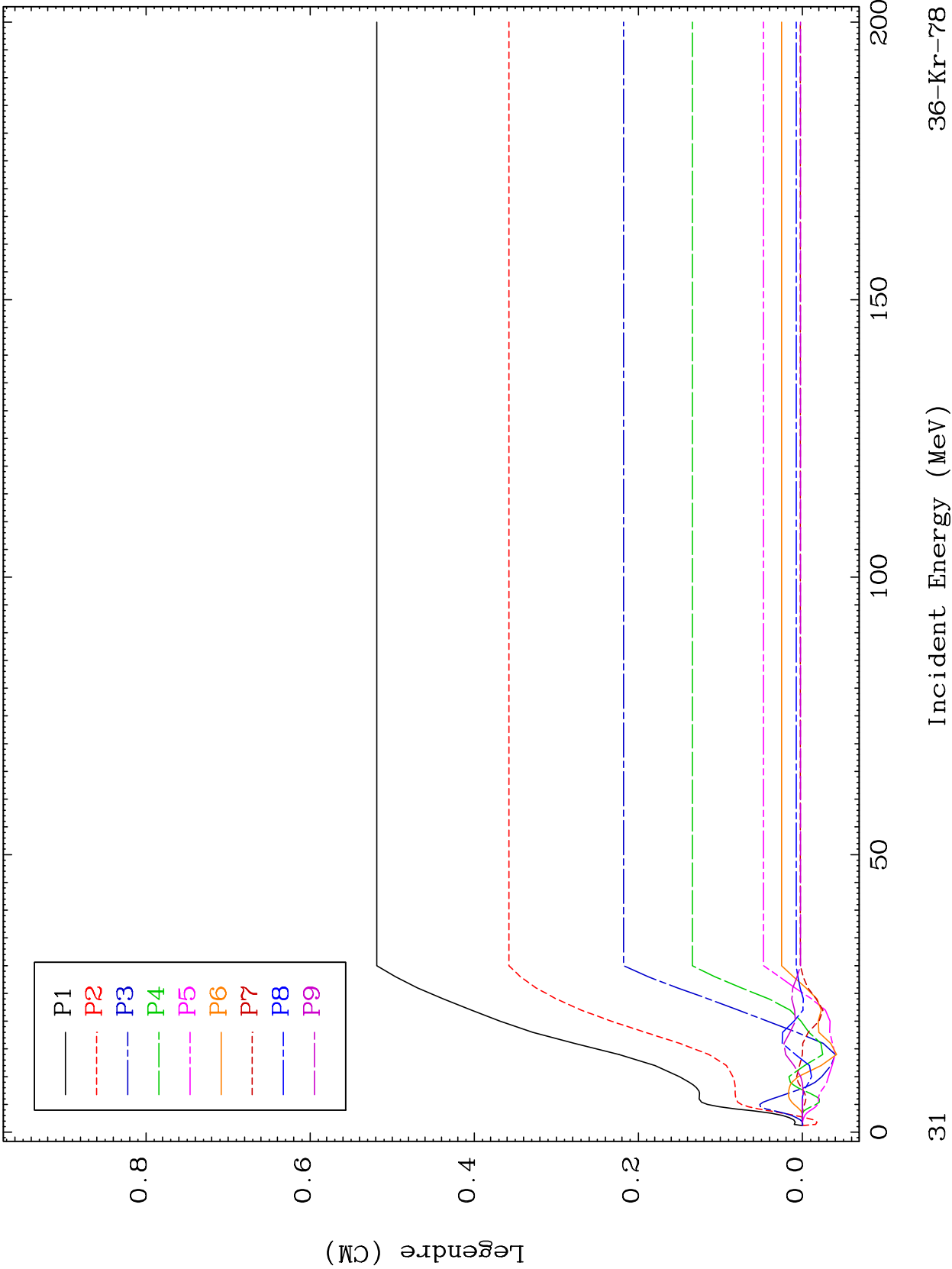
28

Incident Energy (MeV)

36-Kr-78



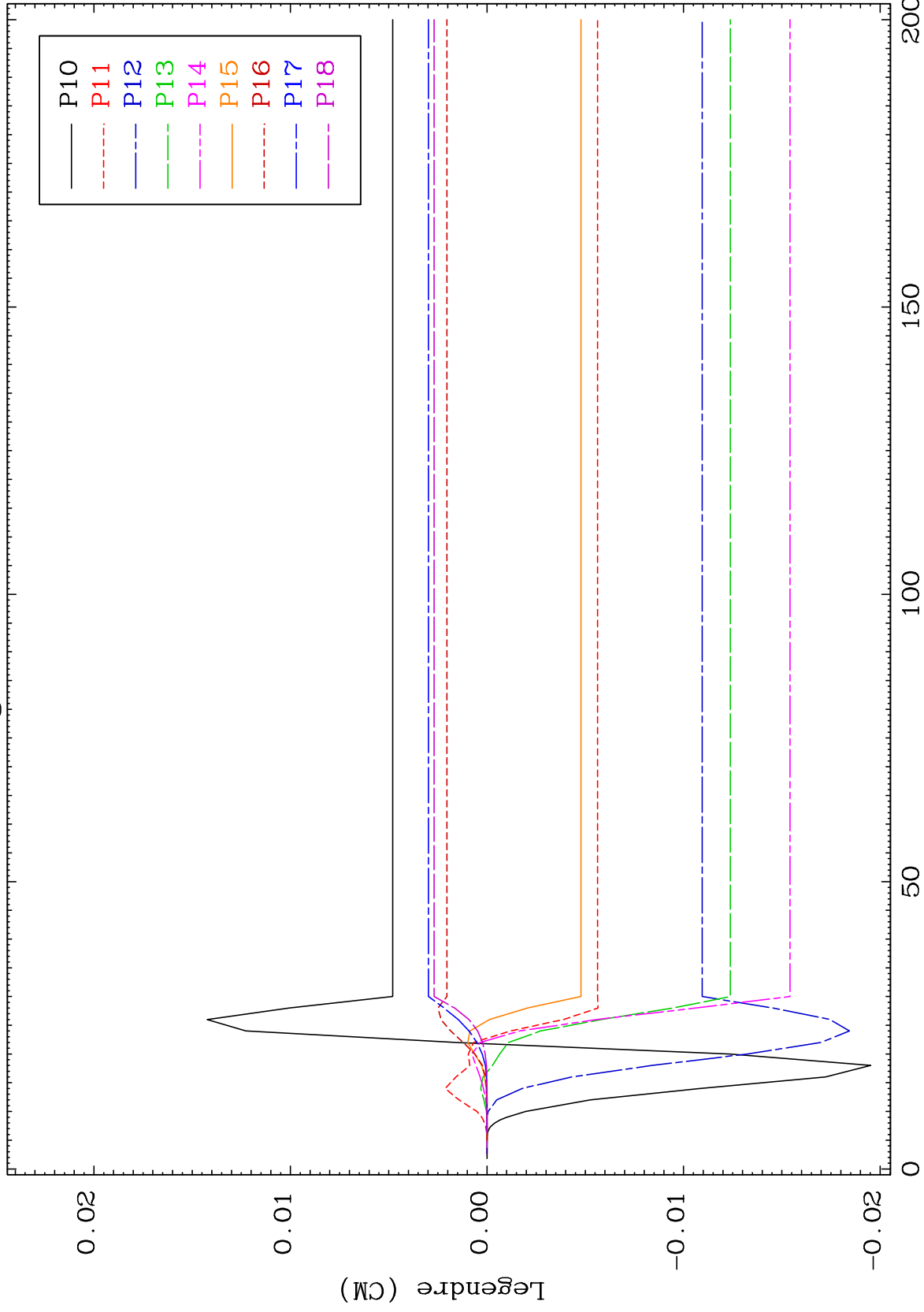




MAT 3625

1.148 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



32

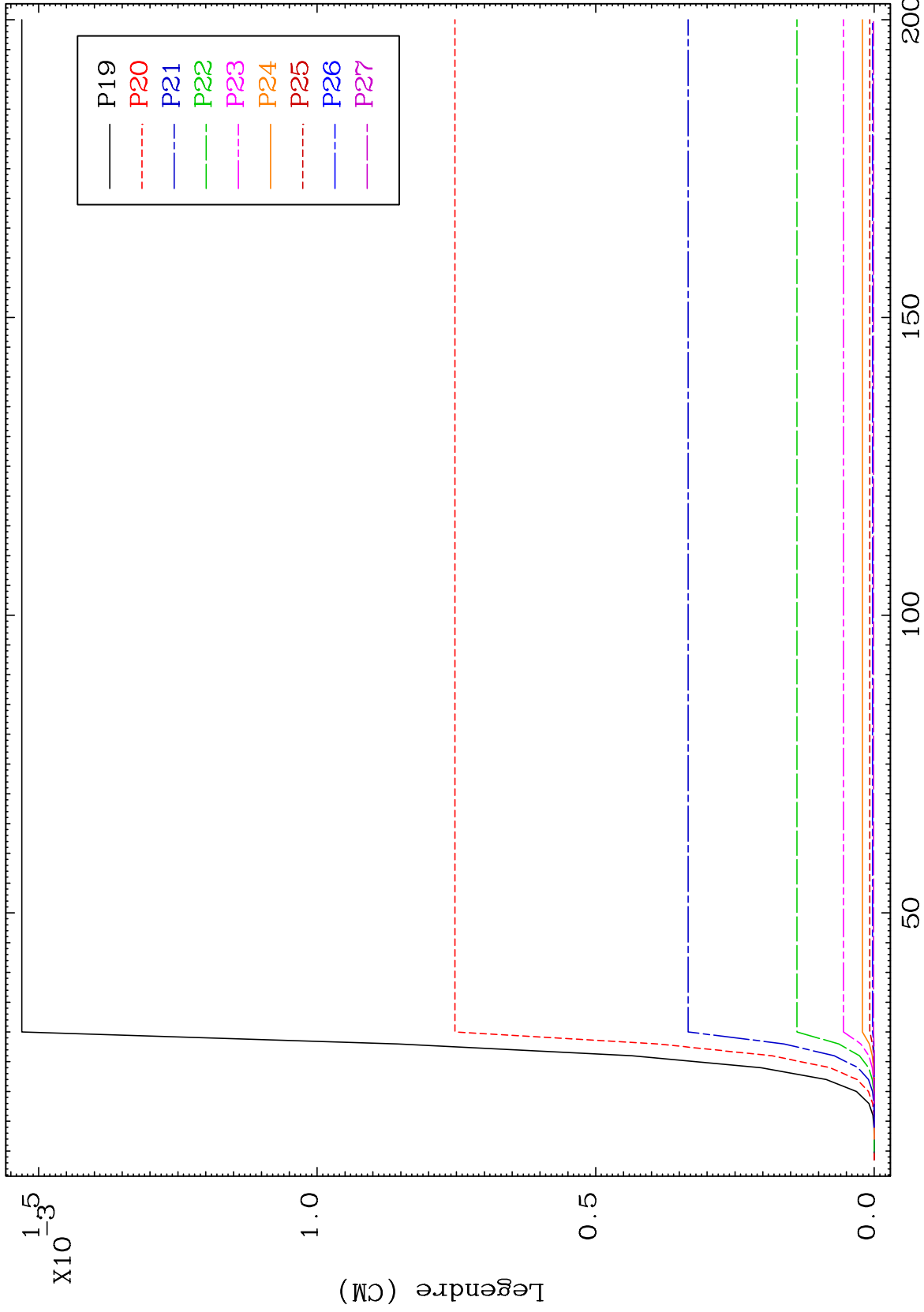
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.148 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



33

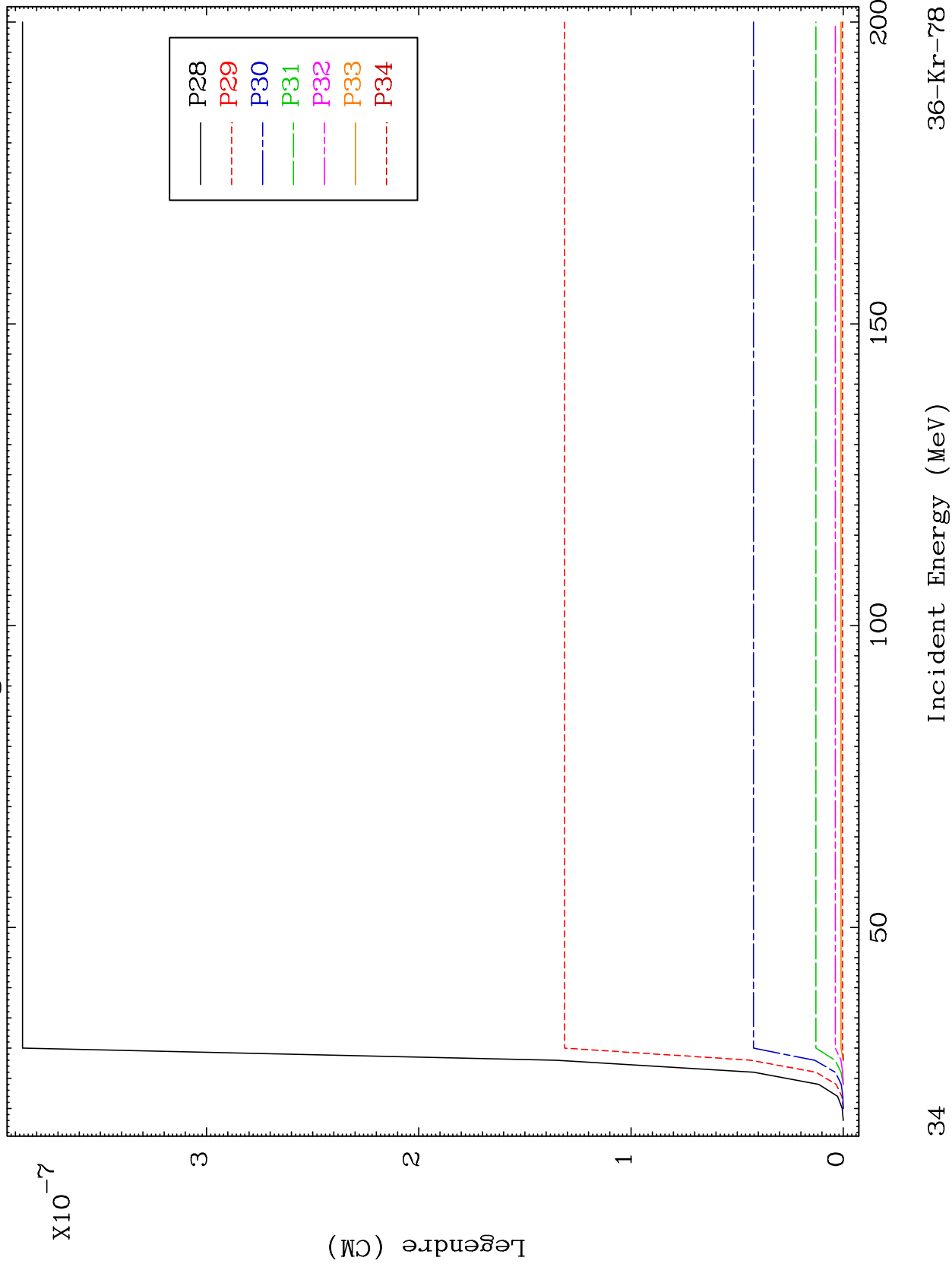
Incident Energy (MeV)

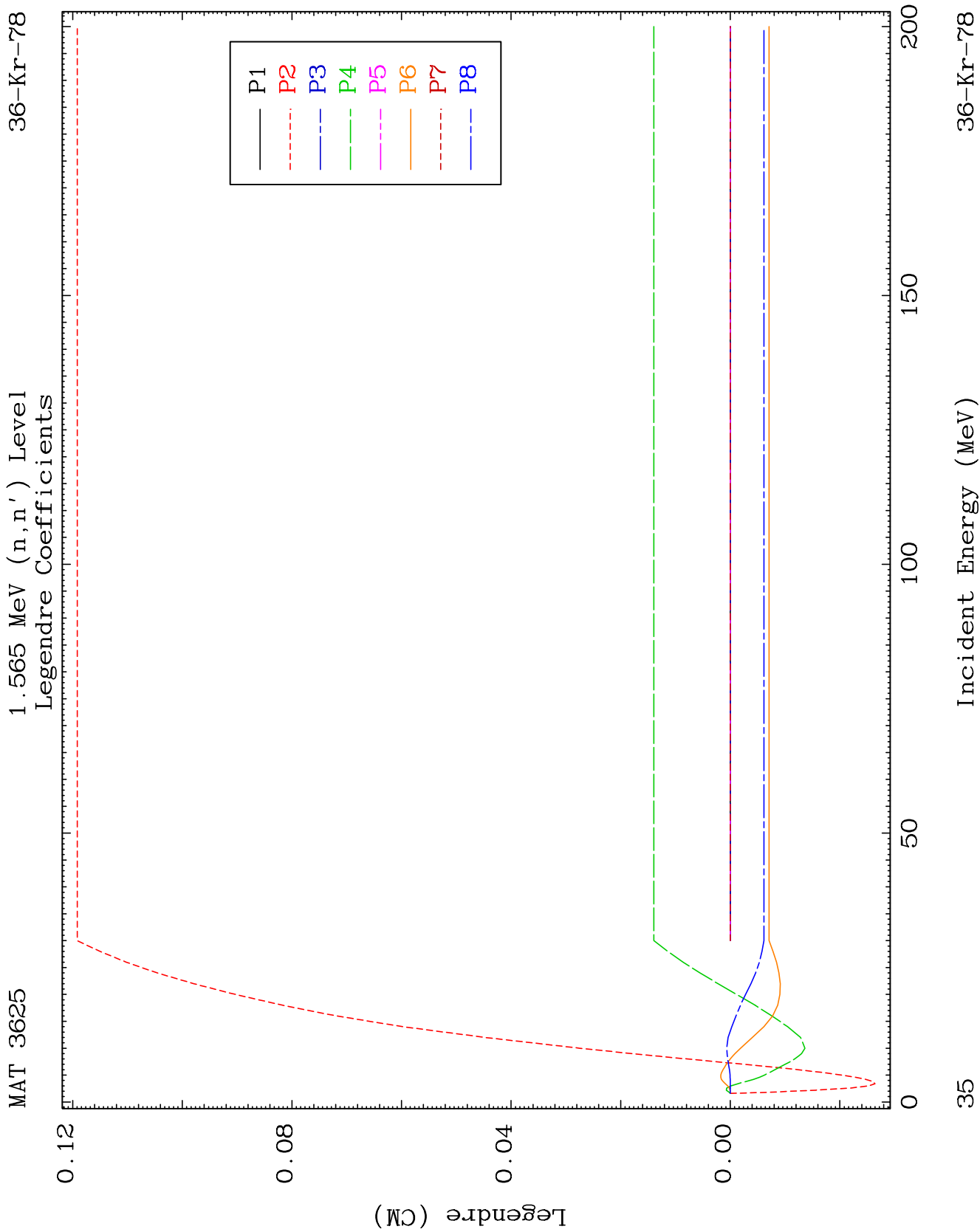
36-Kr-78

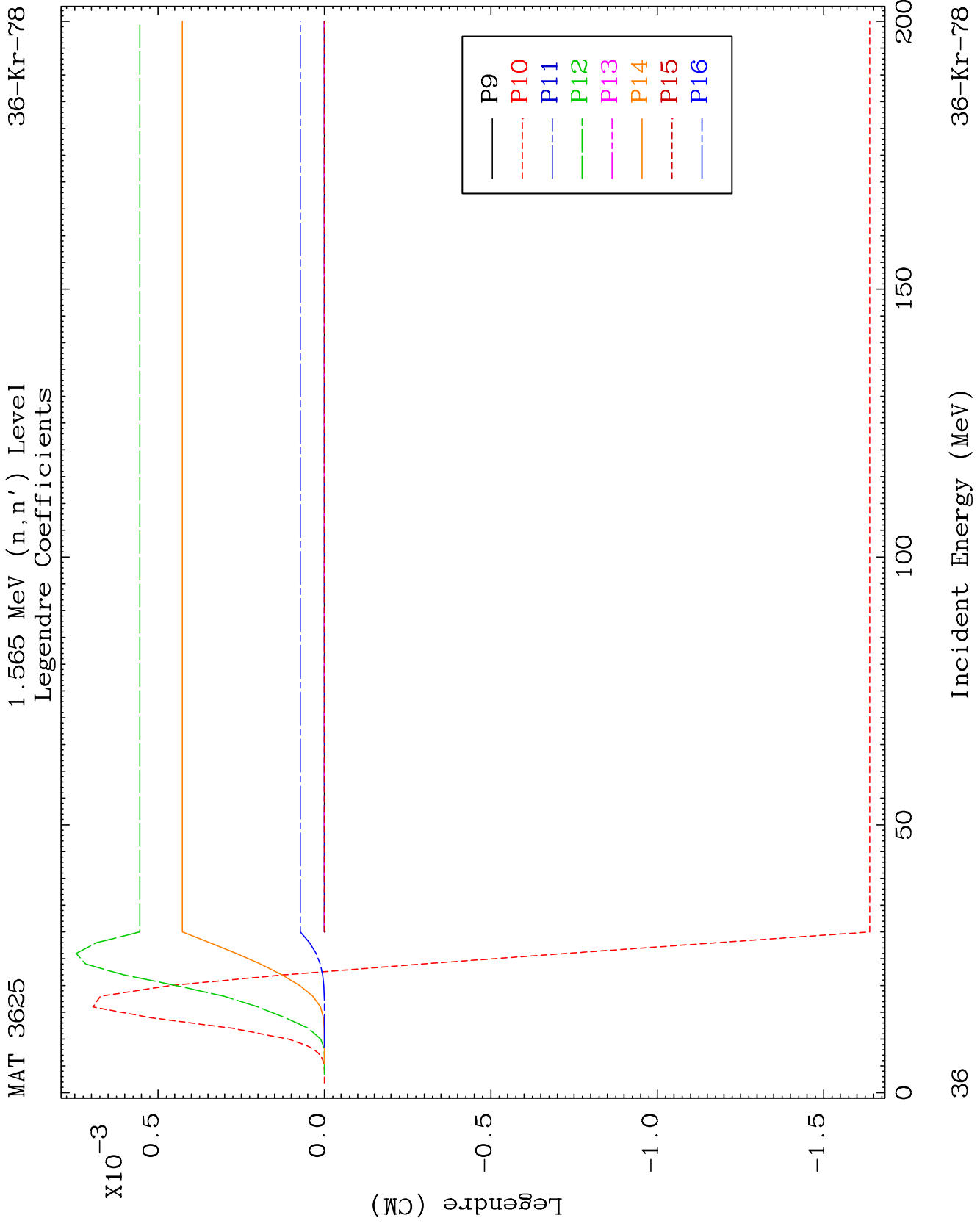
MAT 3625

1.148 MeV (n, n') Level
Legendre Coefficients

36-Kr-78



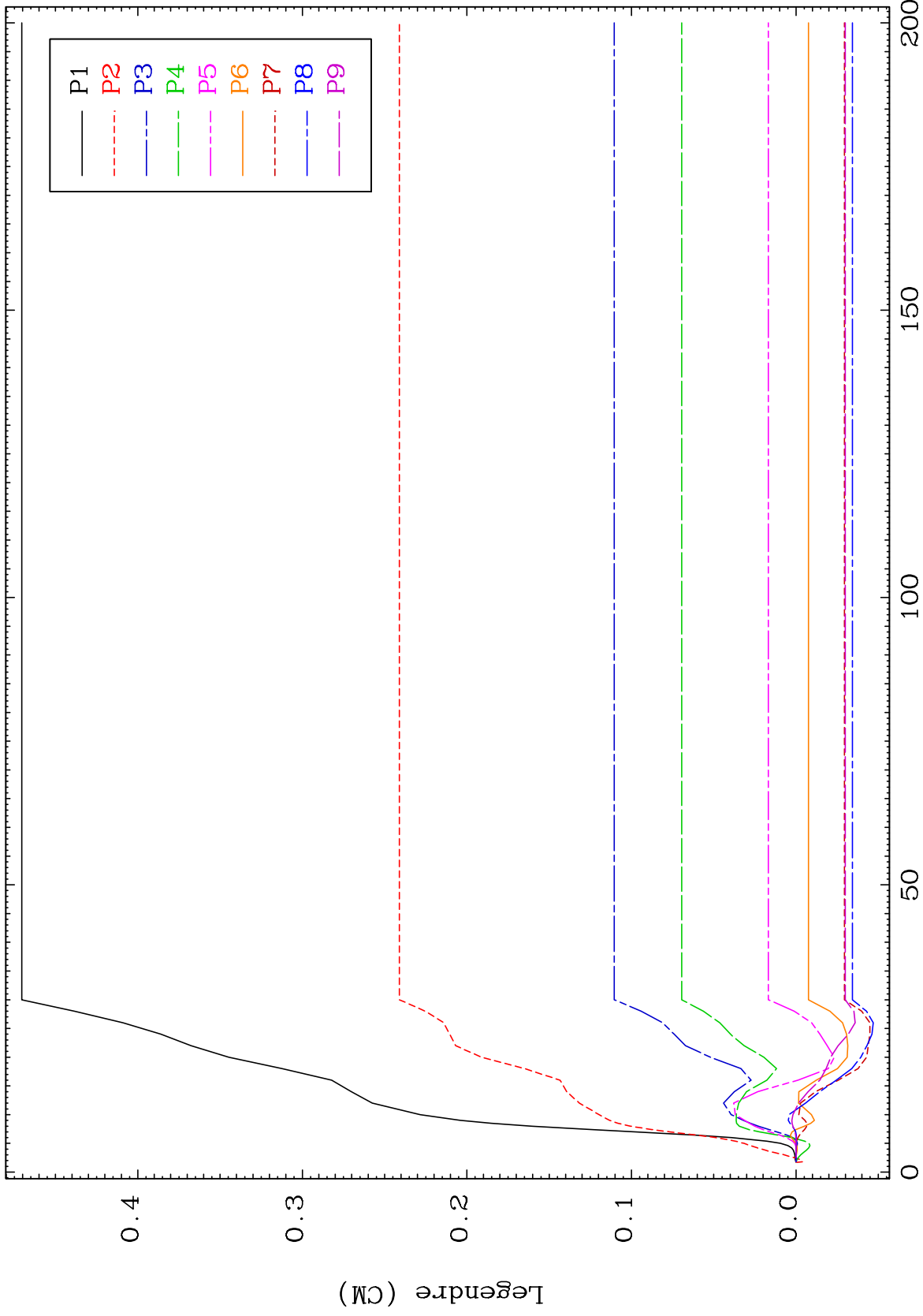




MAT 3625

1.654 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



38

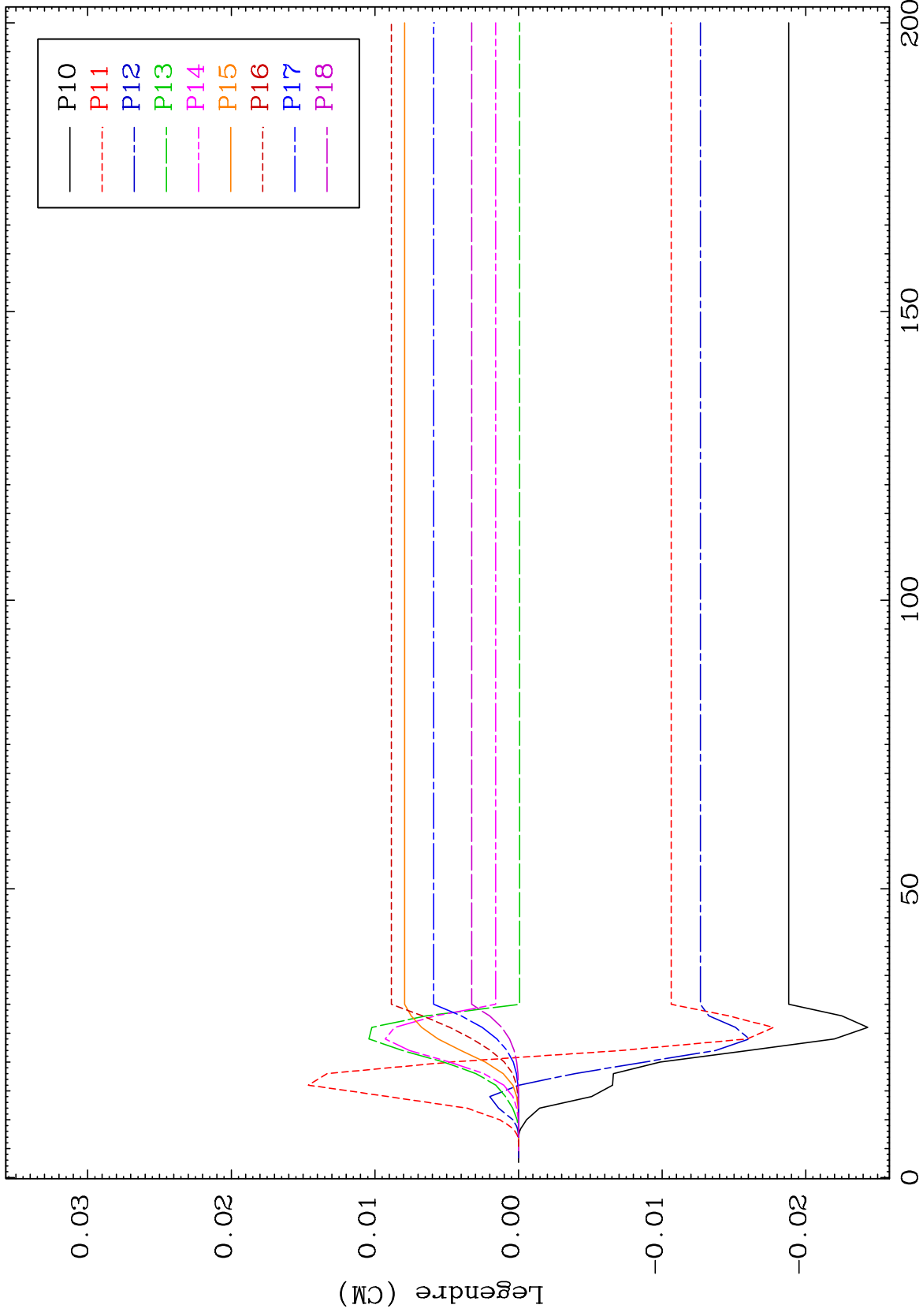
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.654 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



39

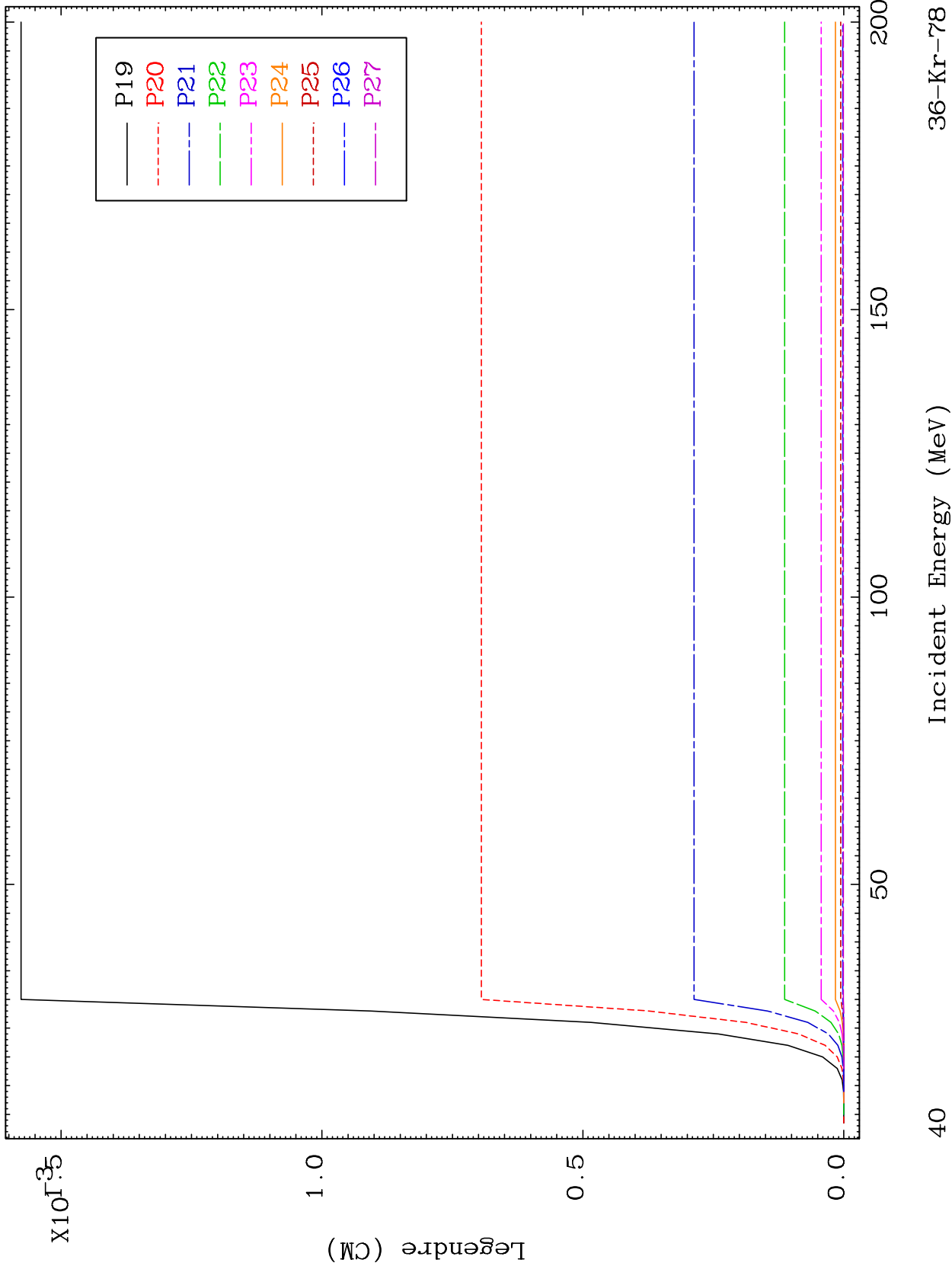
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.654 MeV (n, n') Level
Legendre Coefficients

36-Kr-78



40

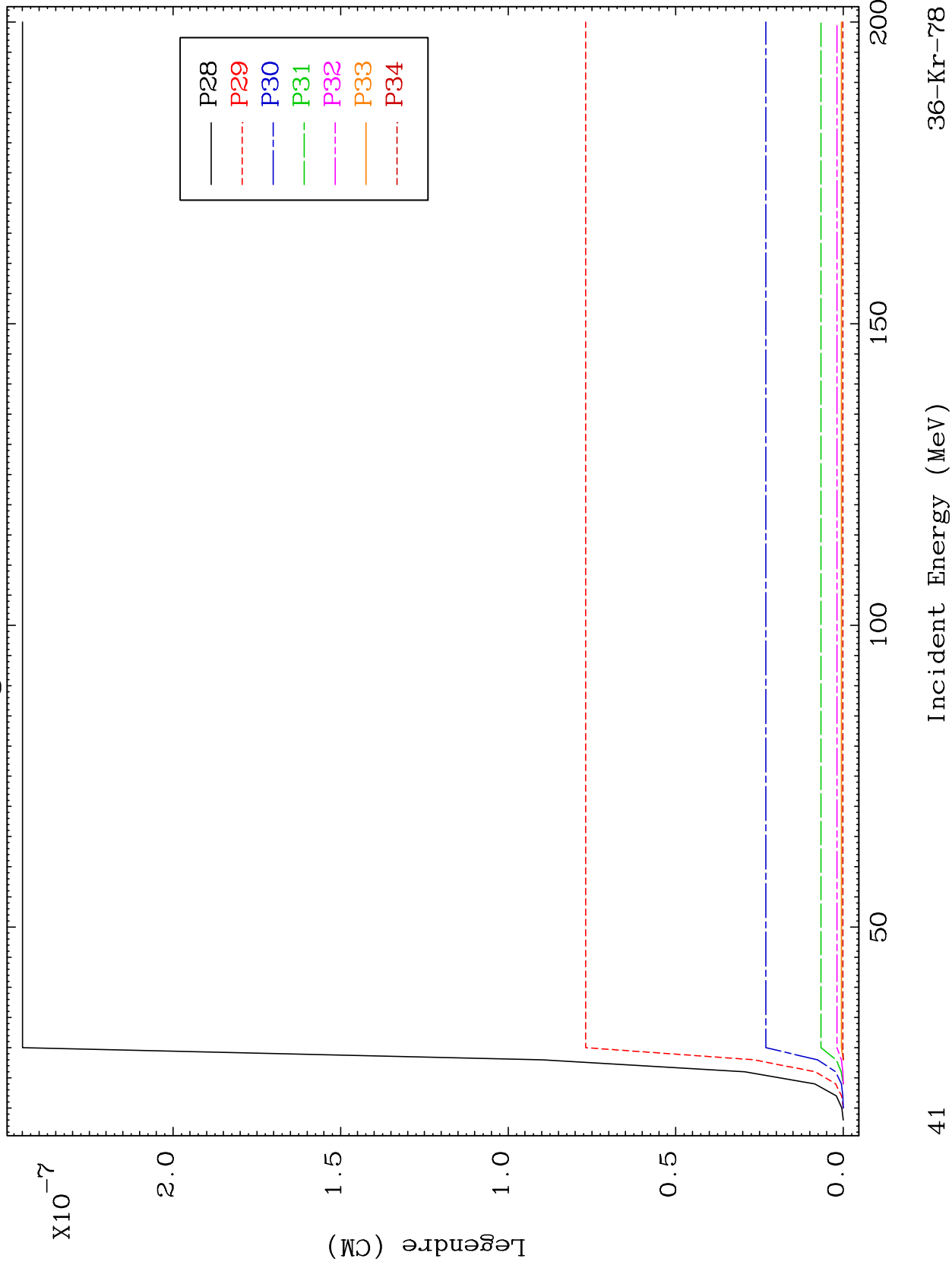
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.654 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



41

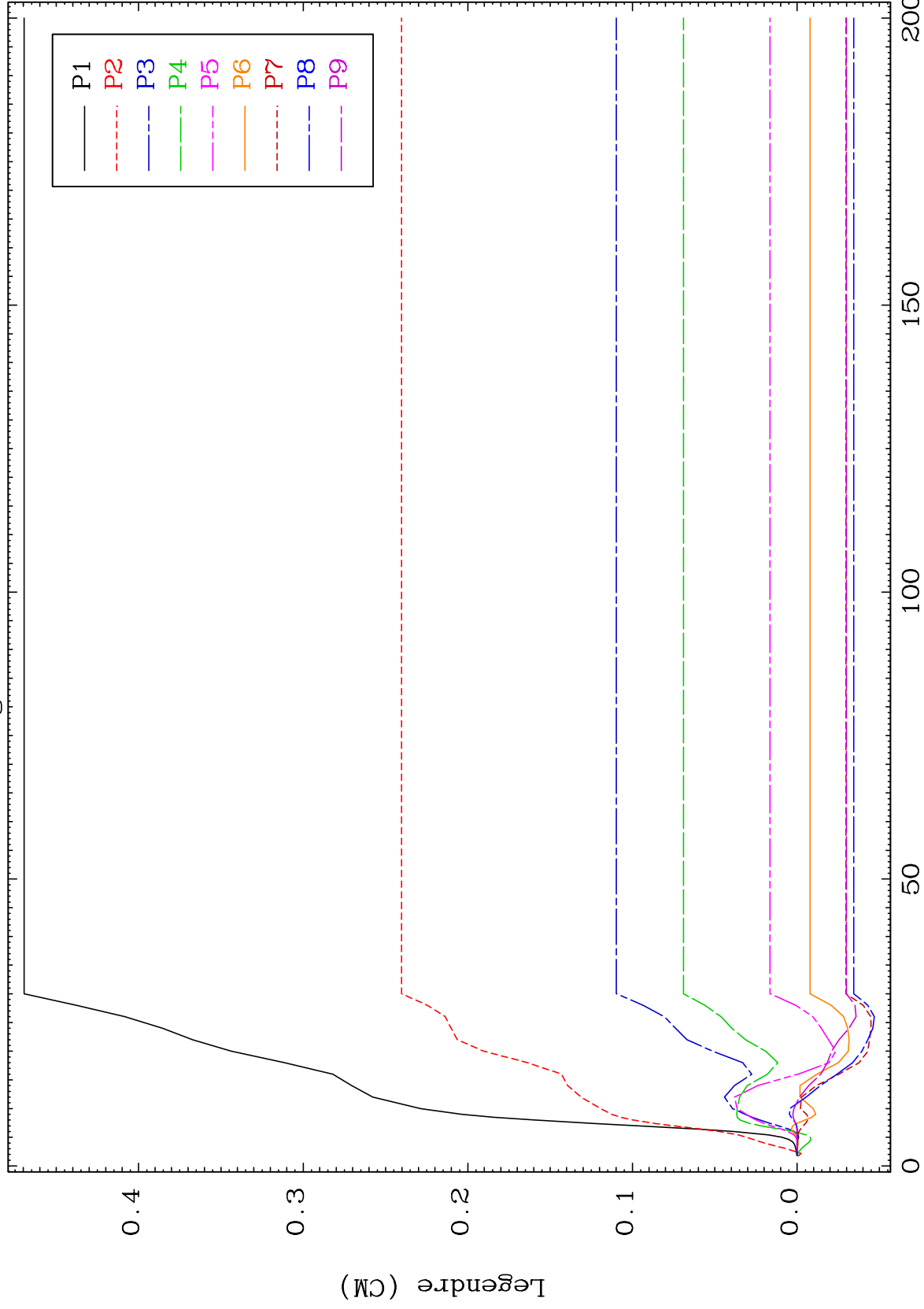
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.756 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



42

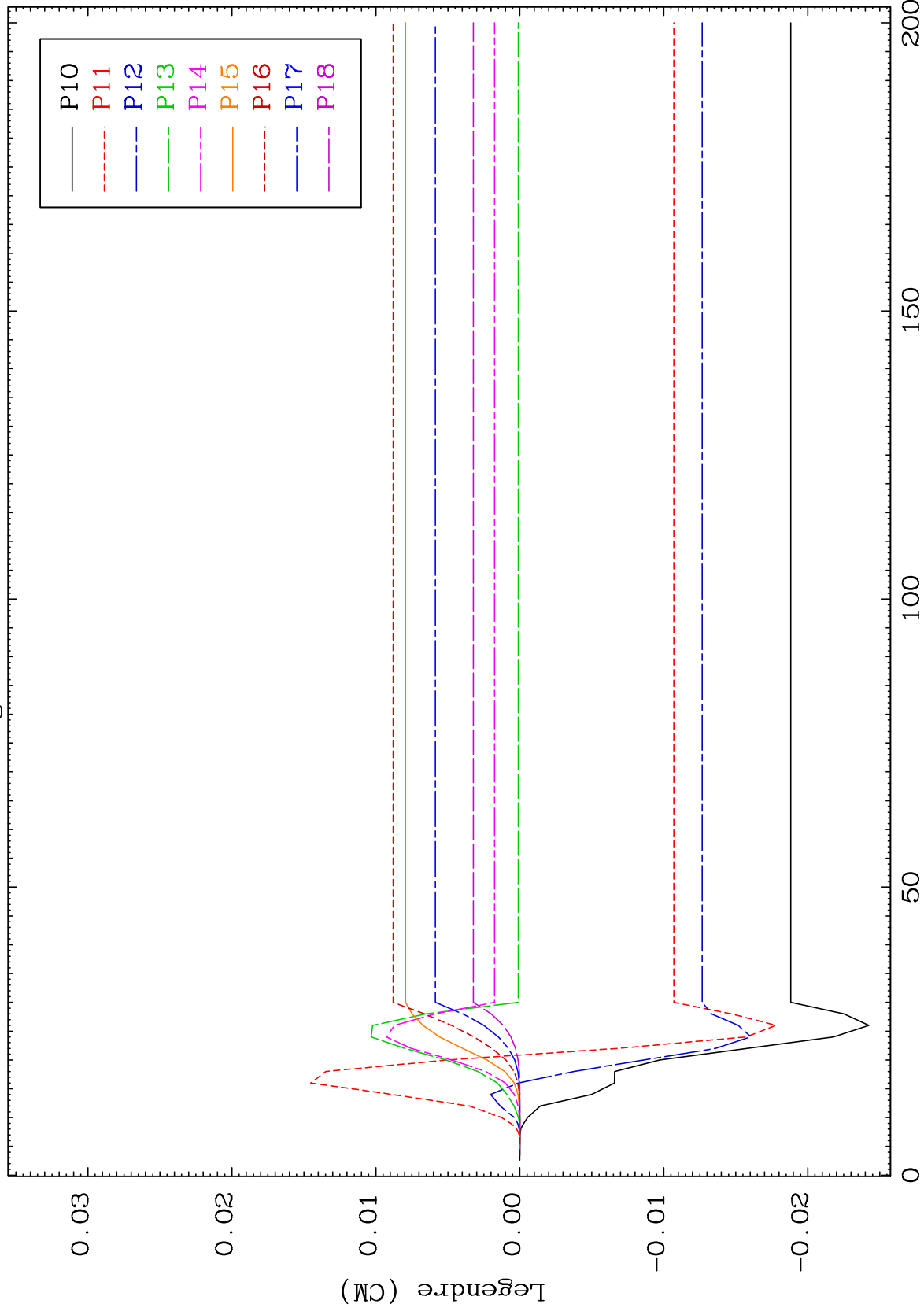
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.756 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



43

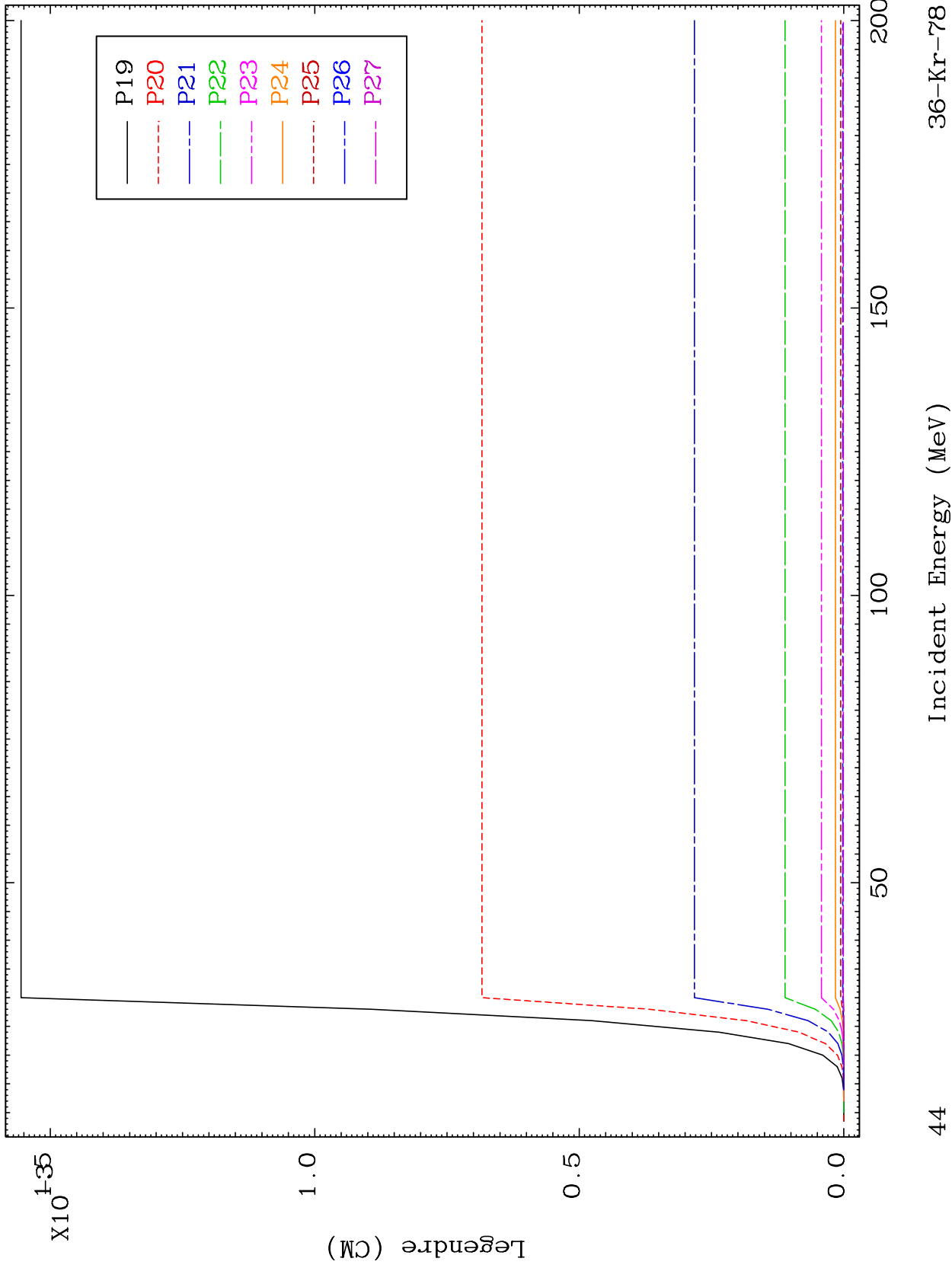
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.756 MeV (n,n') Level
Legendre Coefficients

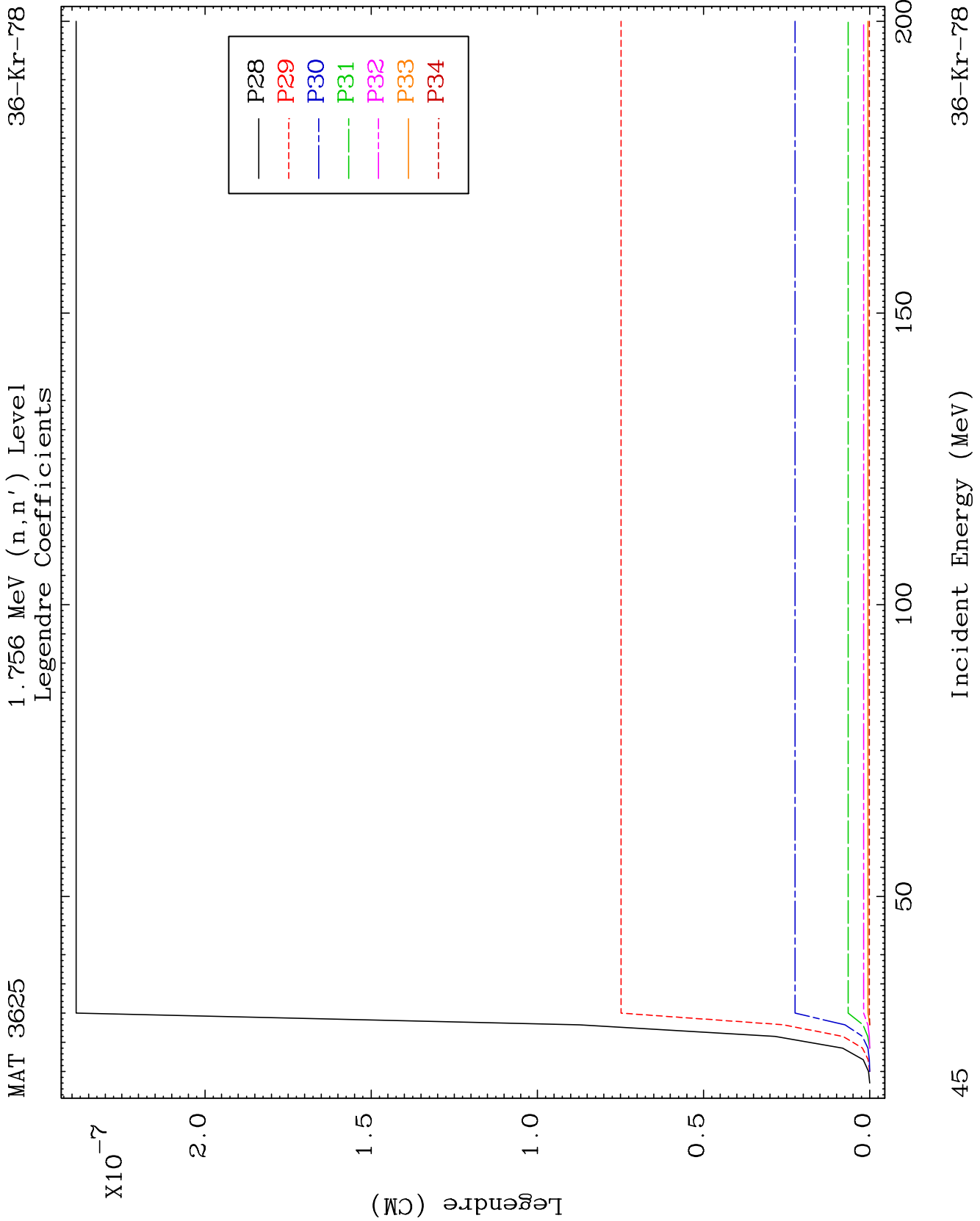
36-Kr-78



44

Incident Energy (MeV)

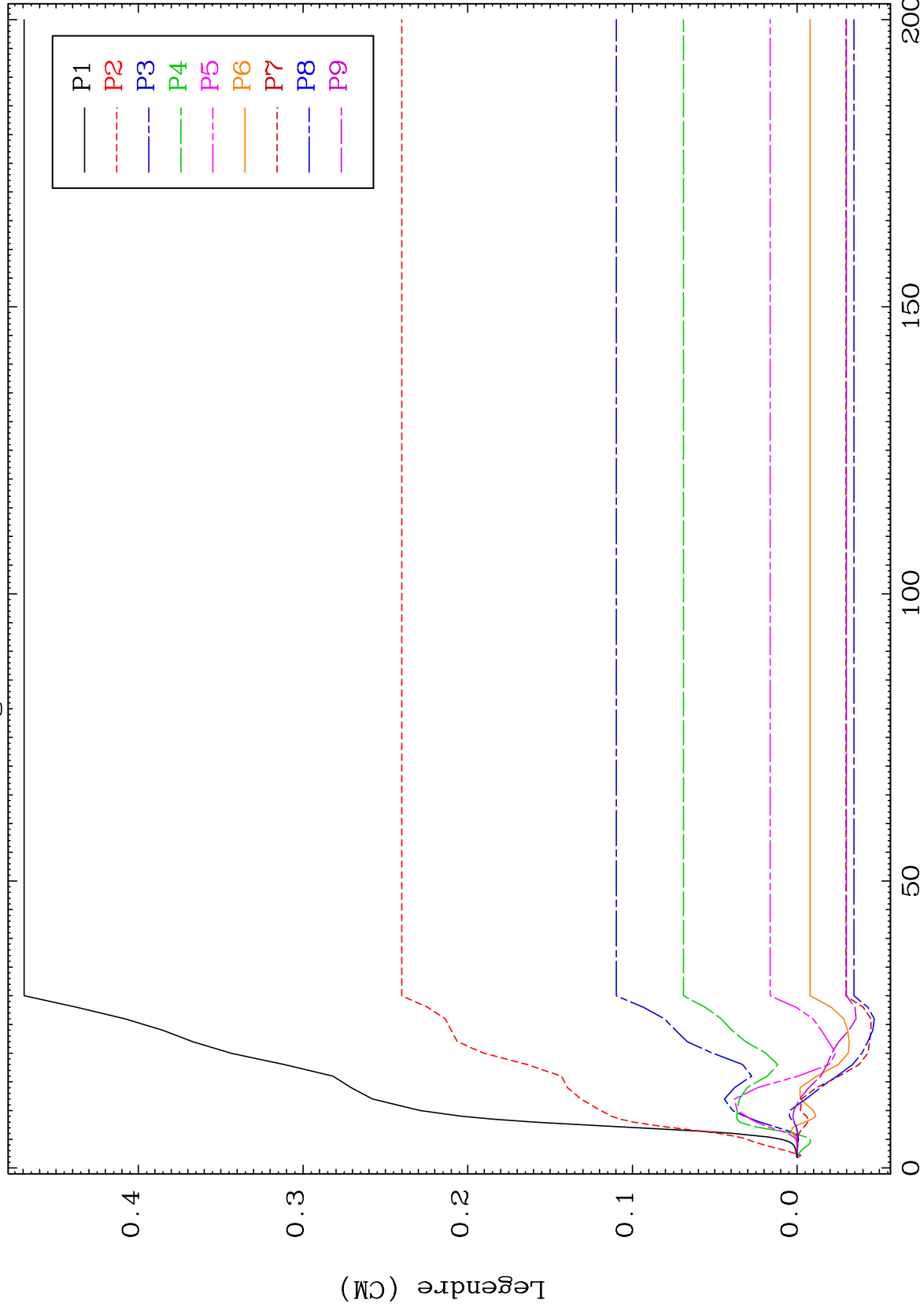
36-Kr-78



MAT 3625

1.773 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



46

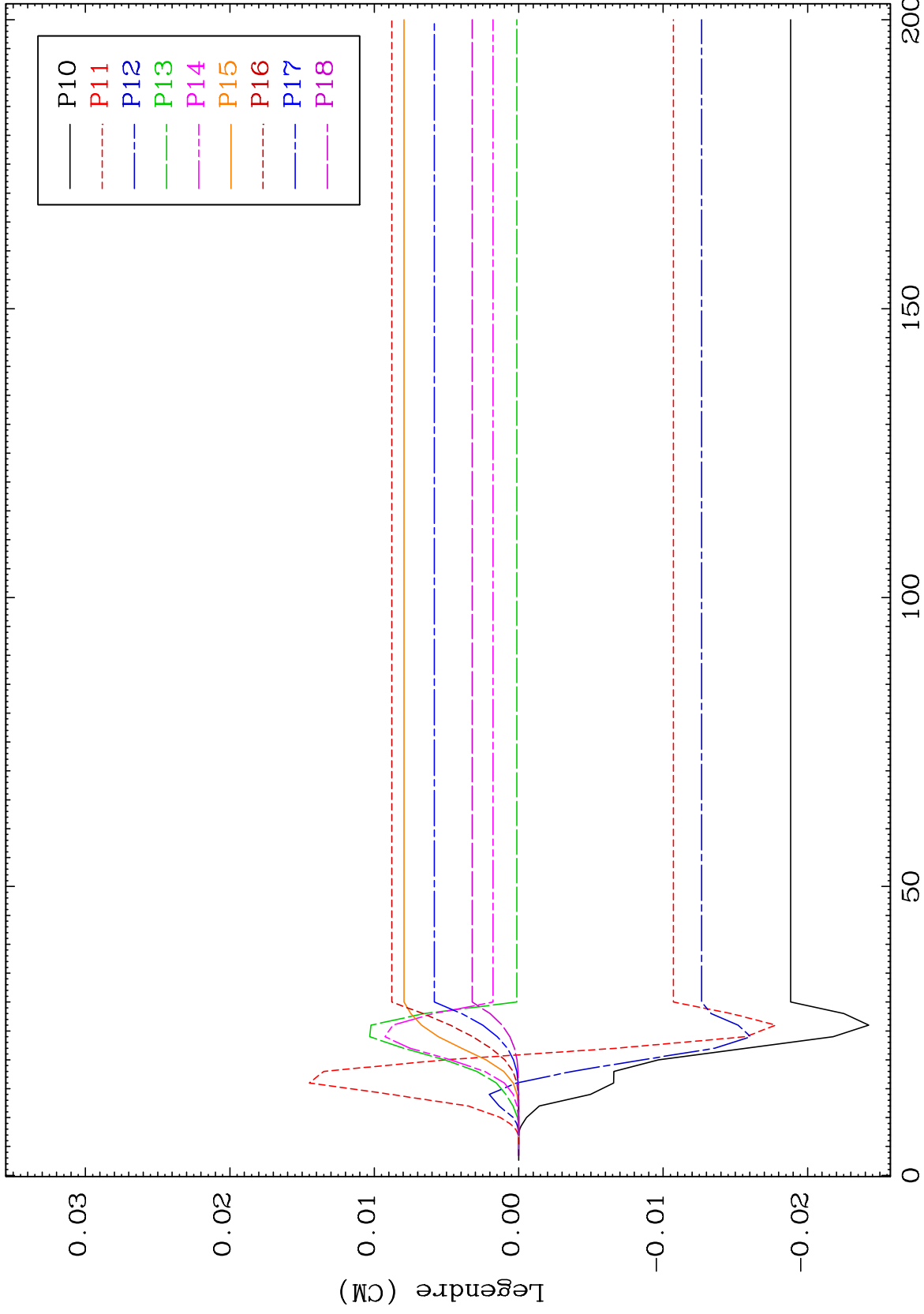
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.773 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



47

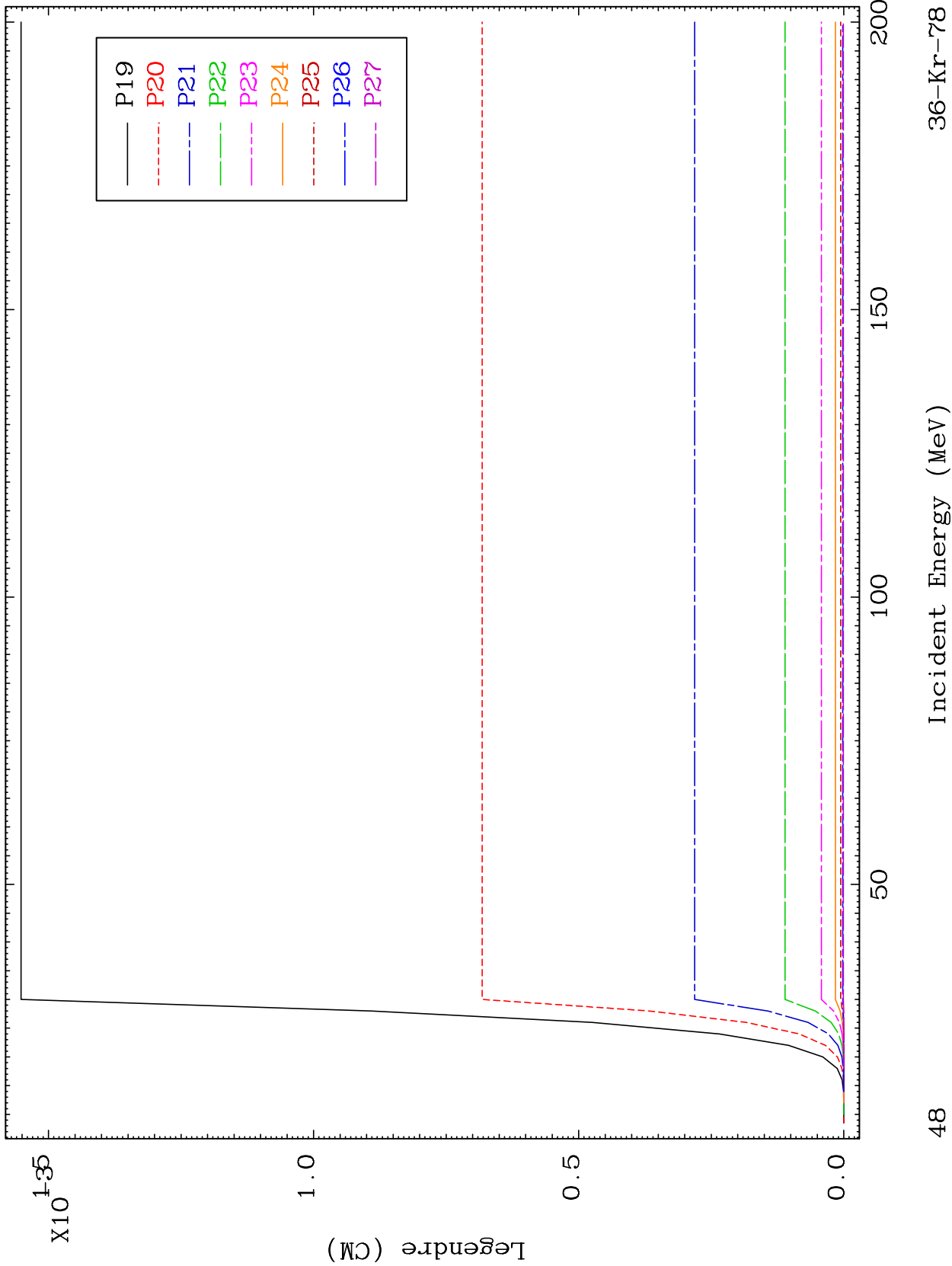
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.773 MeV (n, n') Level
Legendre Coefficients

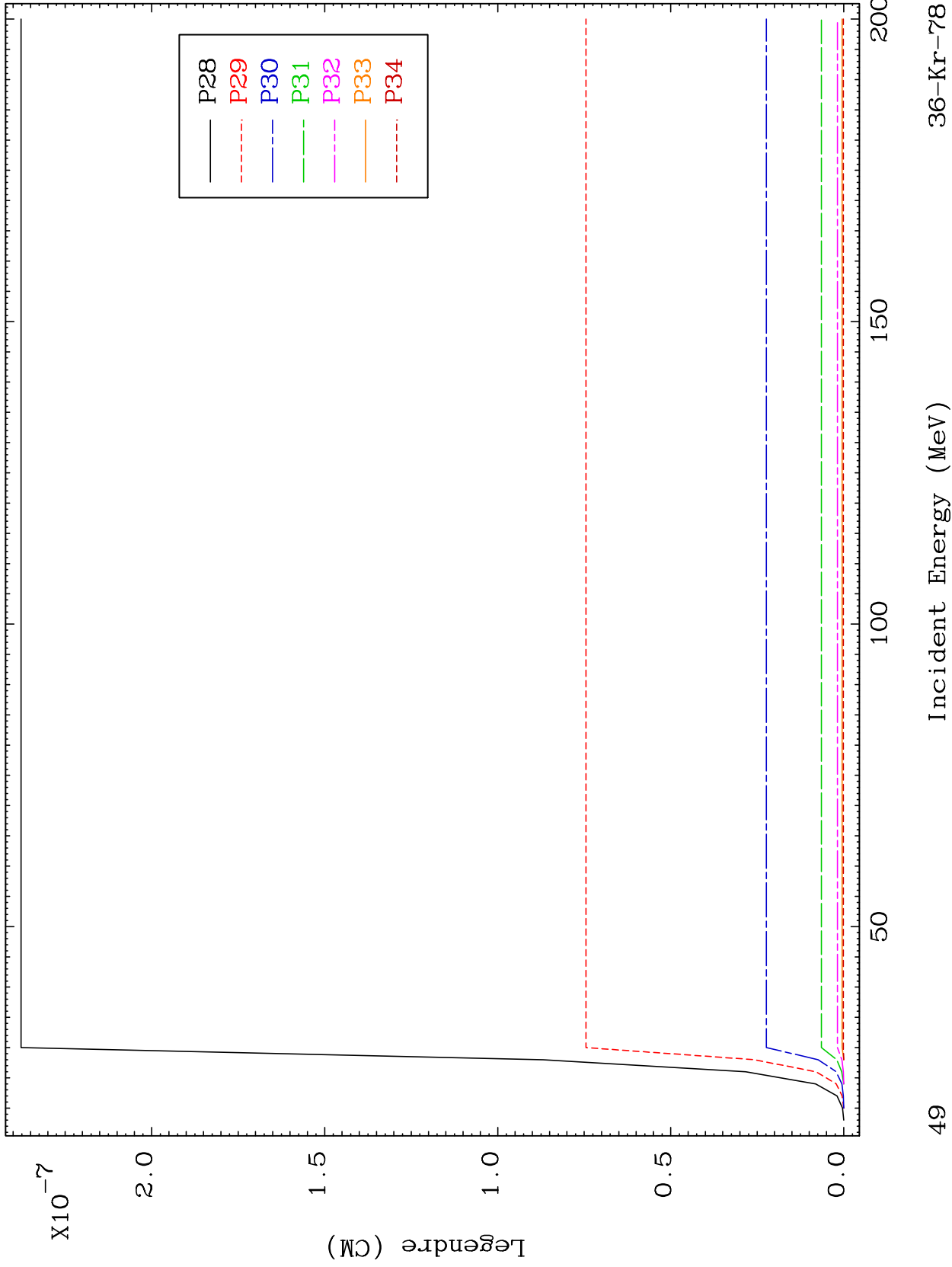
36-Kr-78



MAT 3625

1.773 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



49

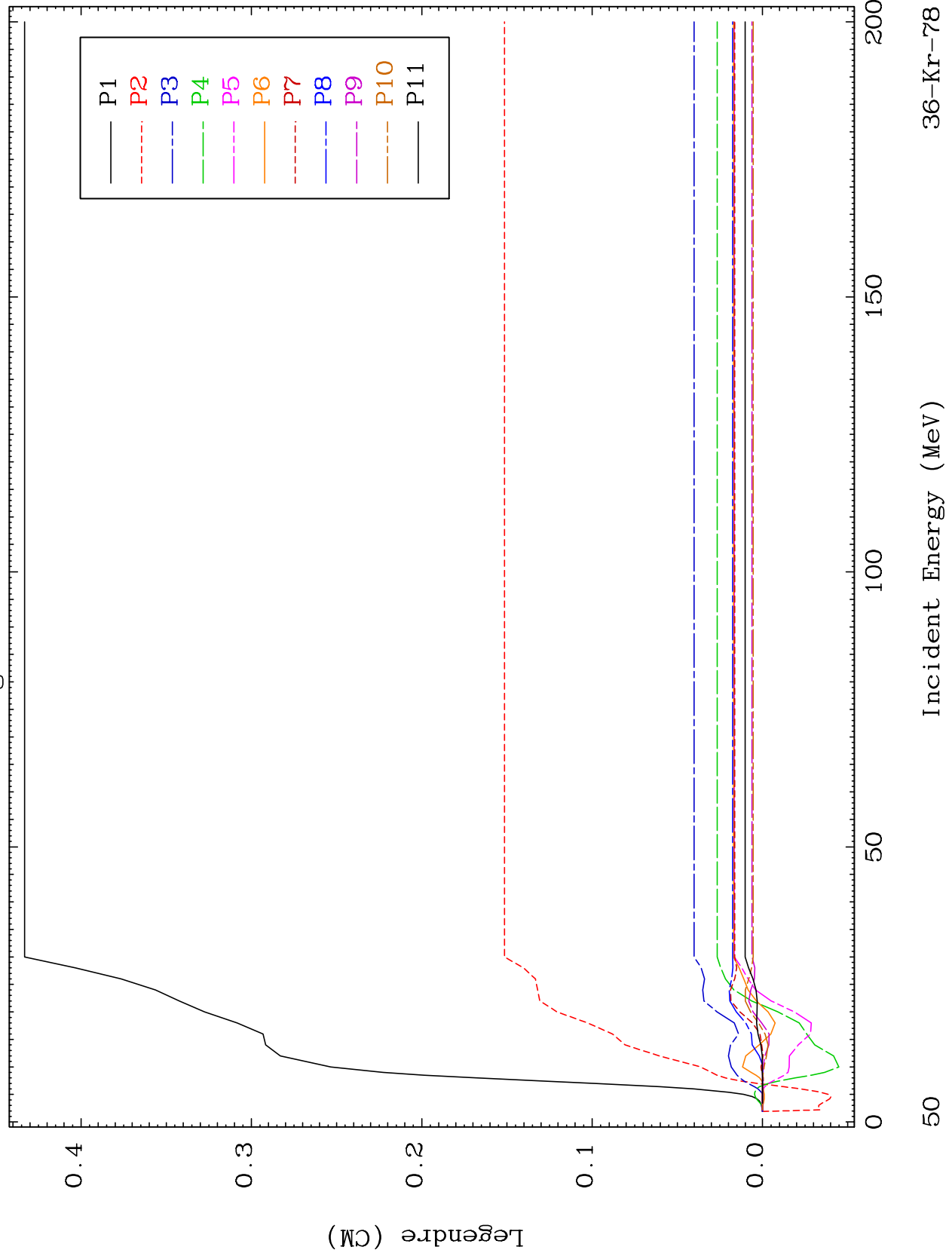
Incident Energy (MeV)

36-Kr-78

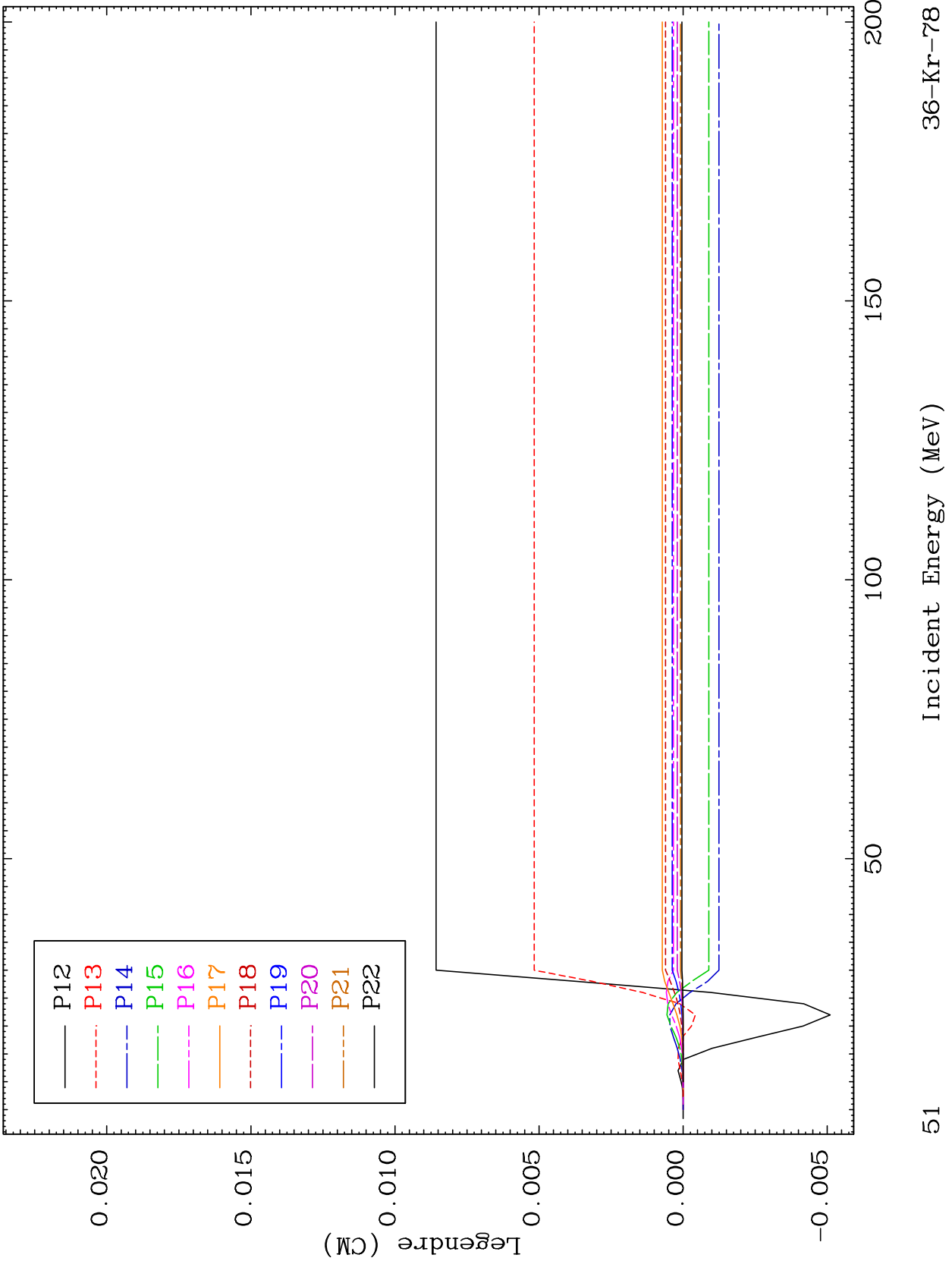
MAT 3625

1.873 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



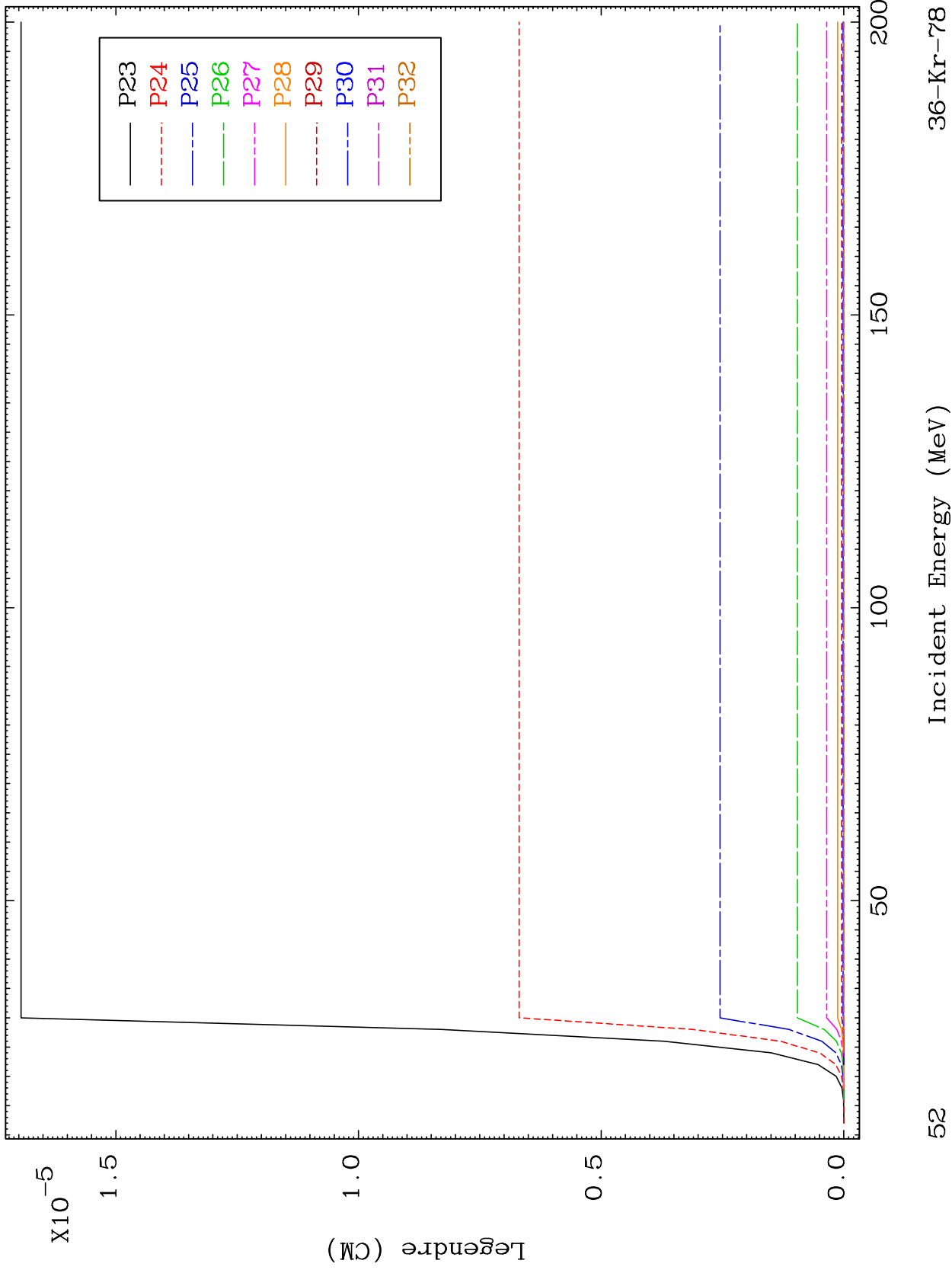
36-Kr-78



MAT 3625

1.873 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



52

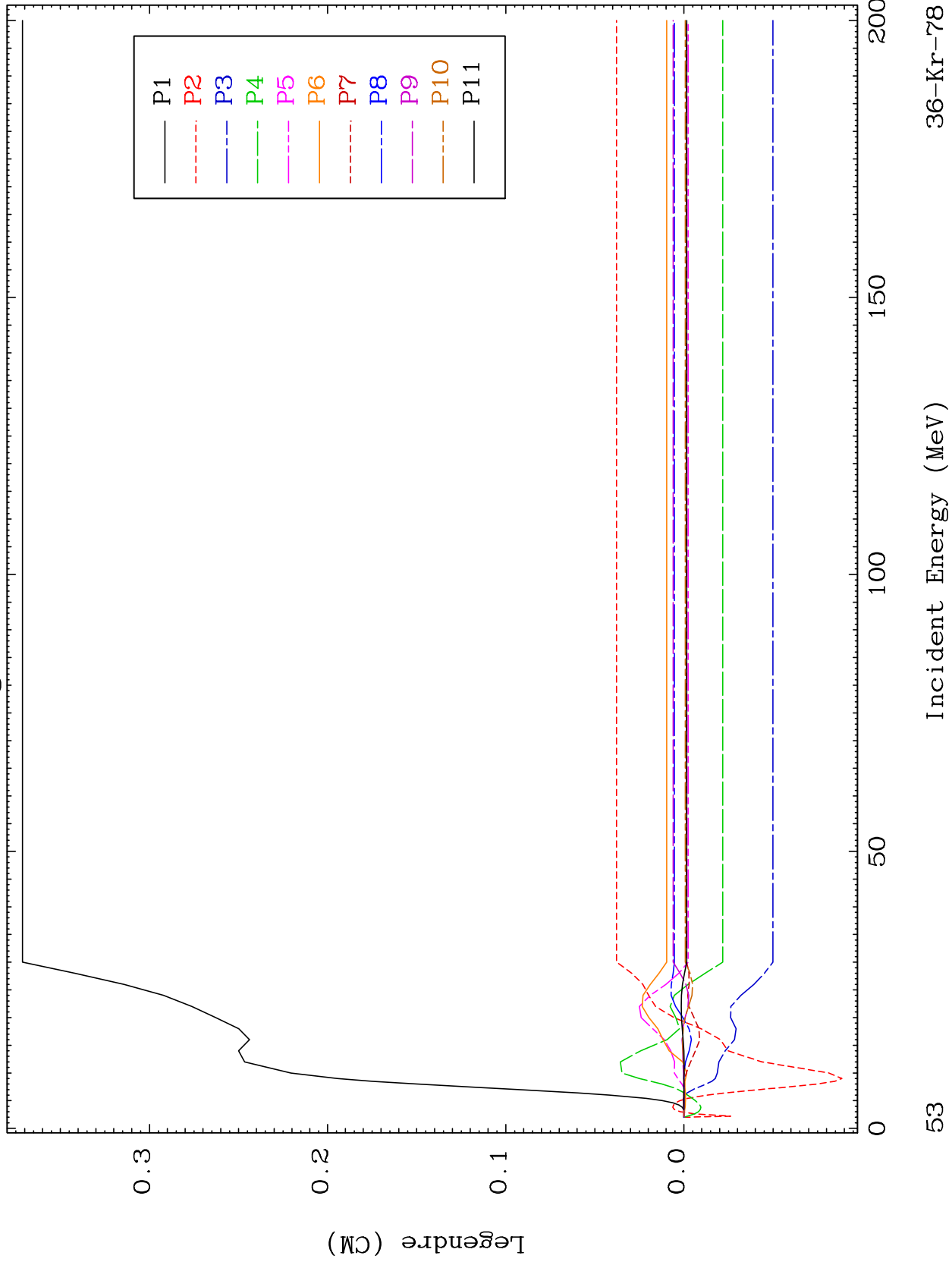
Incident Energy (MeV)

36-Kr-78

MAT 3625

1.978 MeV (n, n') Level
Legendre Coefficients

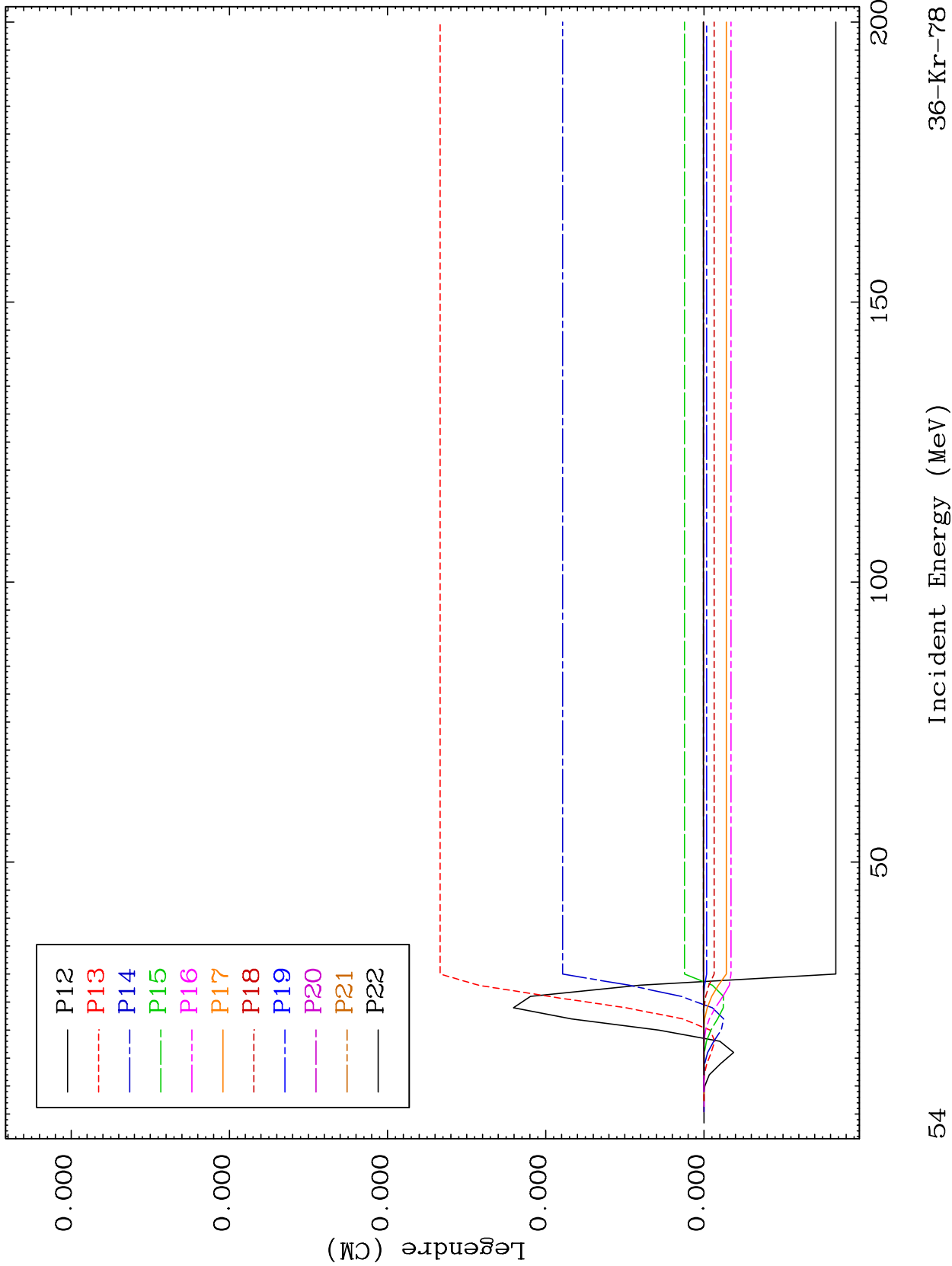
36-Kr-78

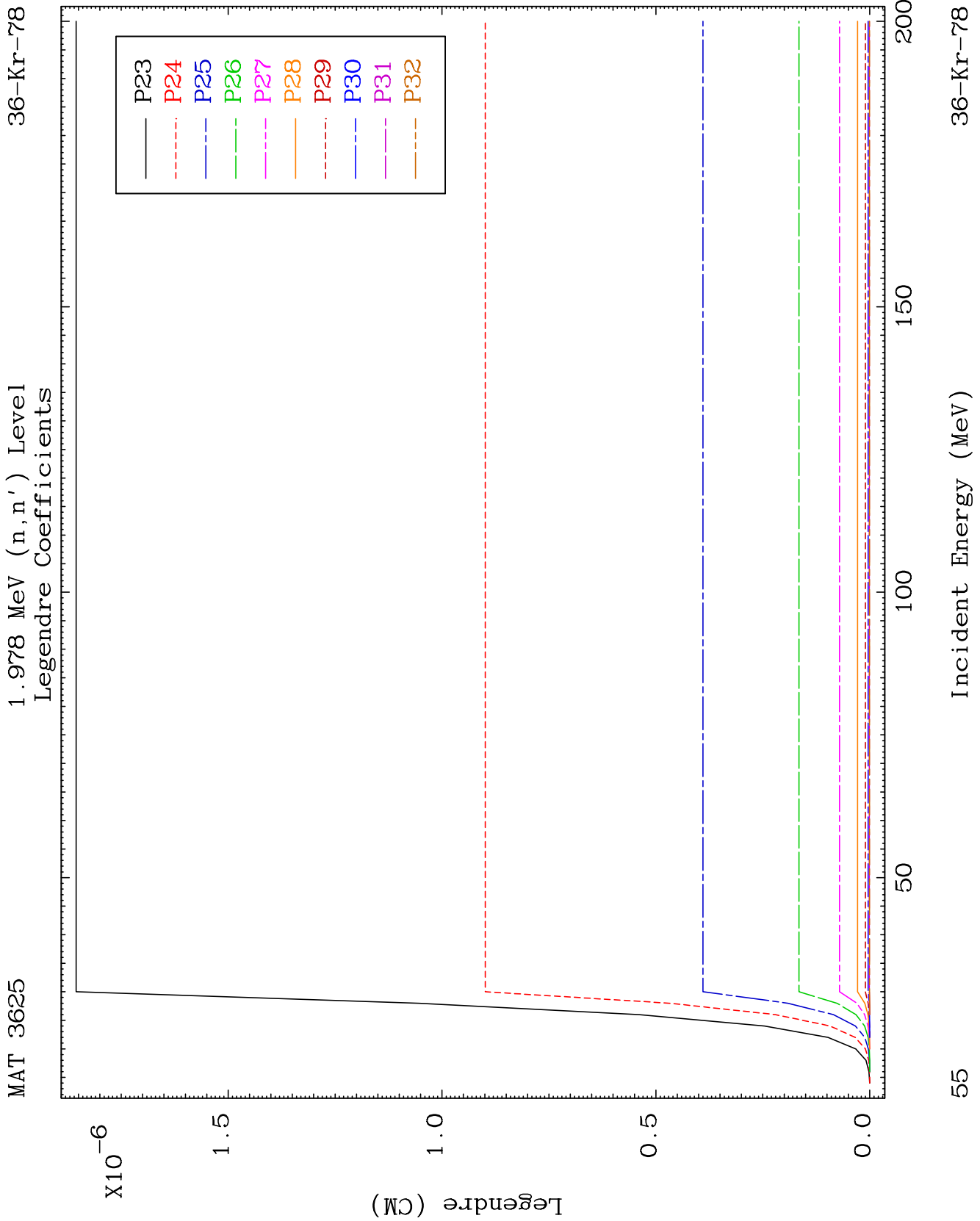


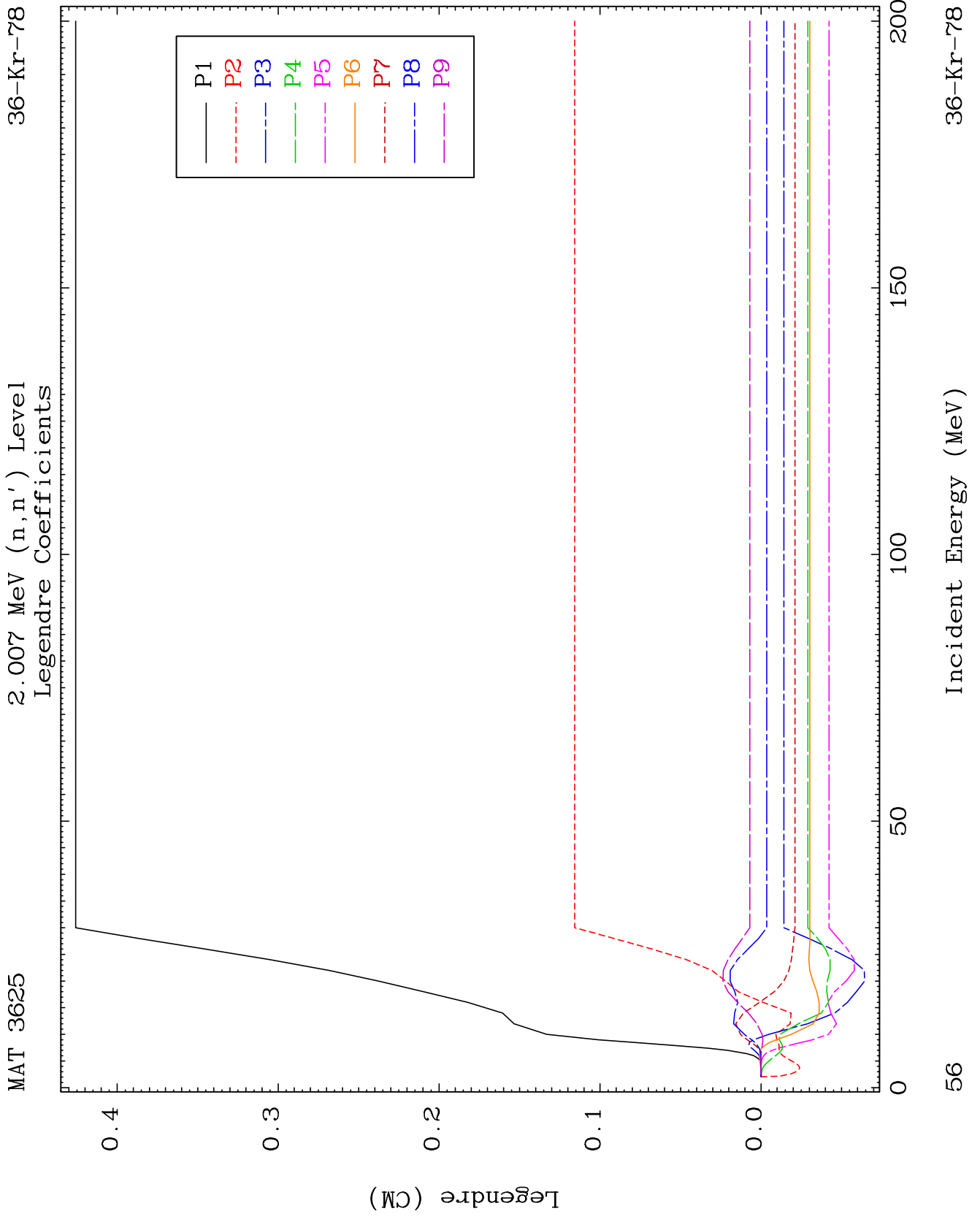
36-Kr-78

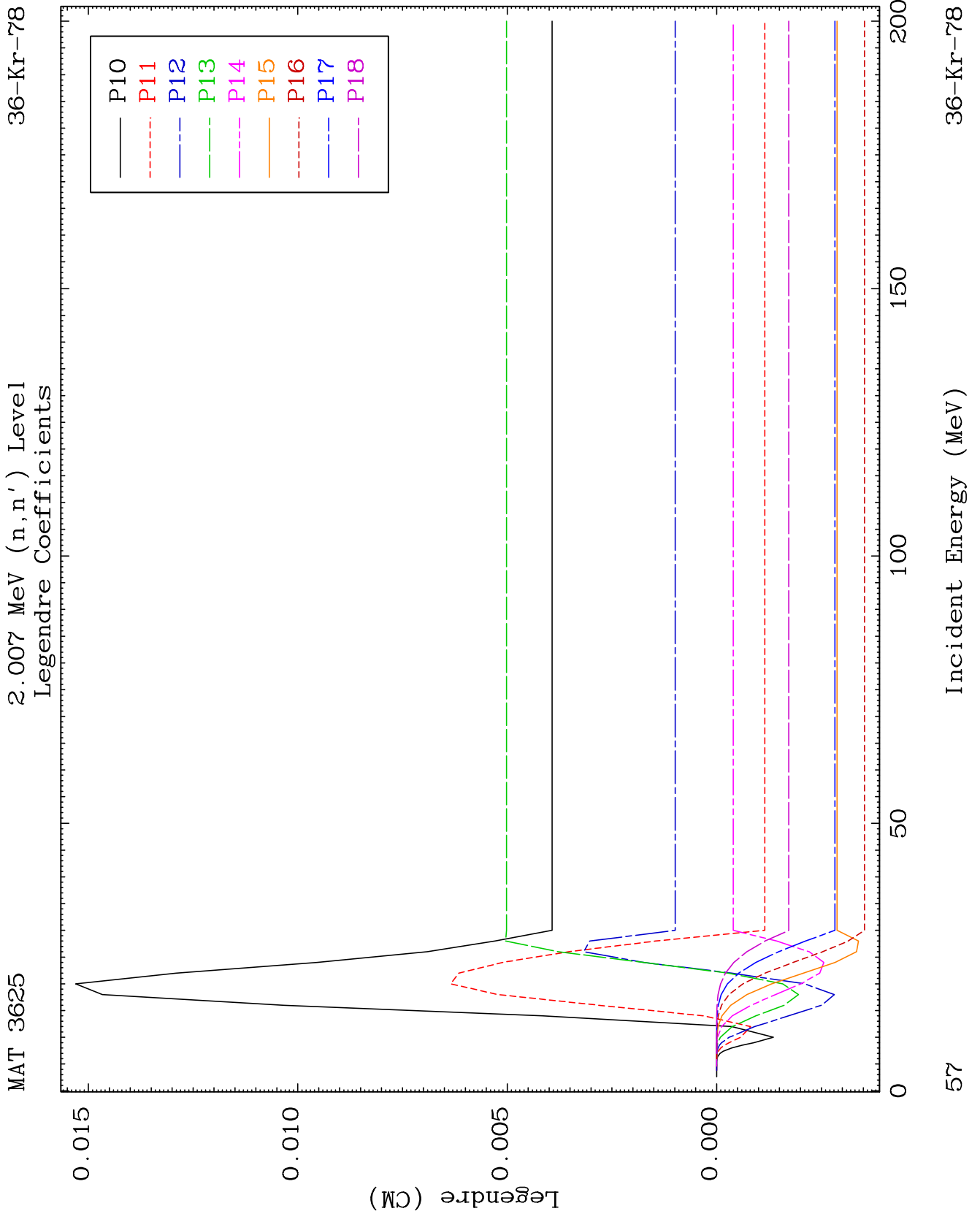
Incident Energy (MeV)

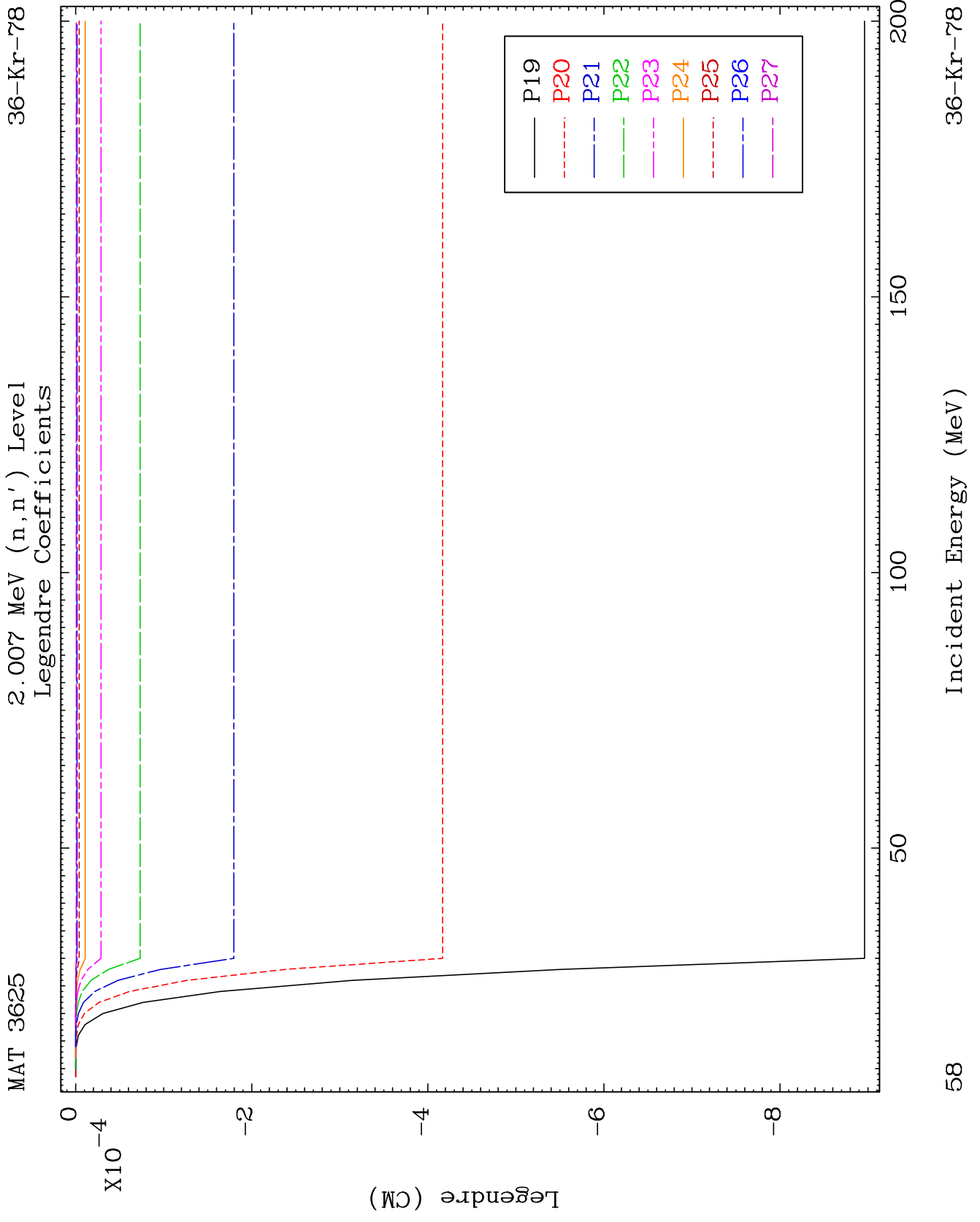
53

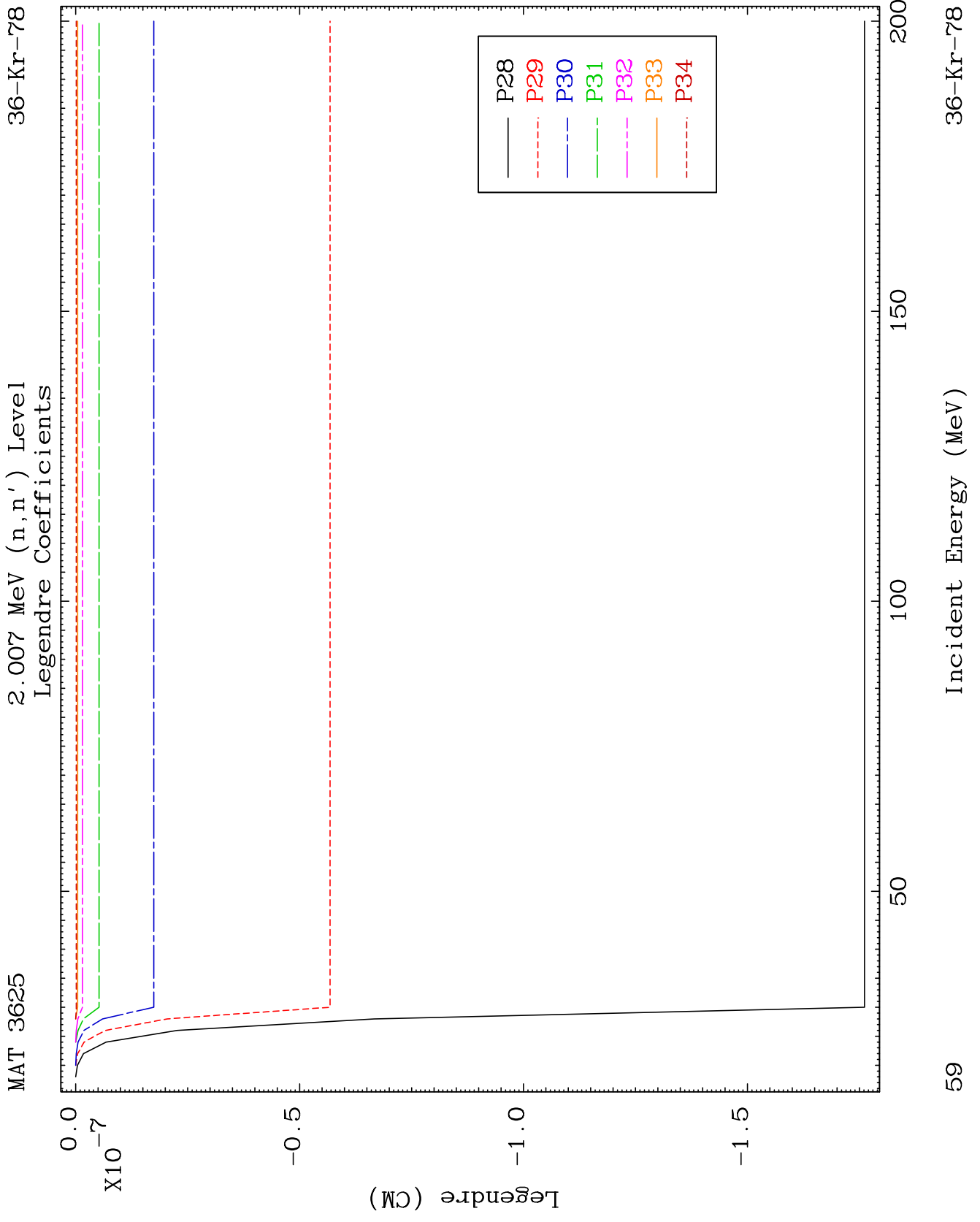








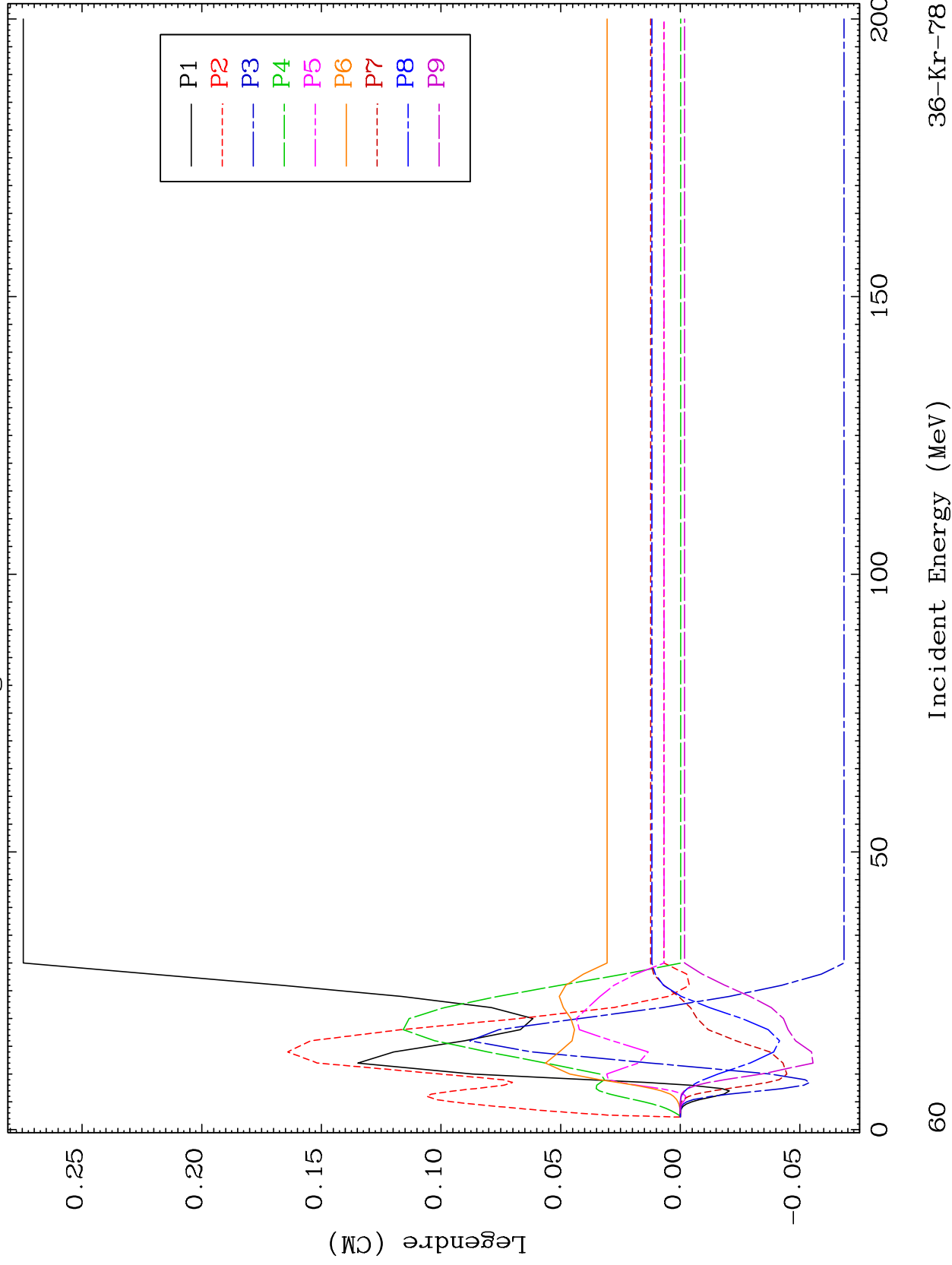




MAT 3625

2.234 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



36-Kr-78

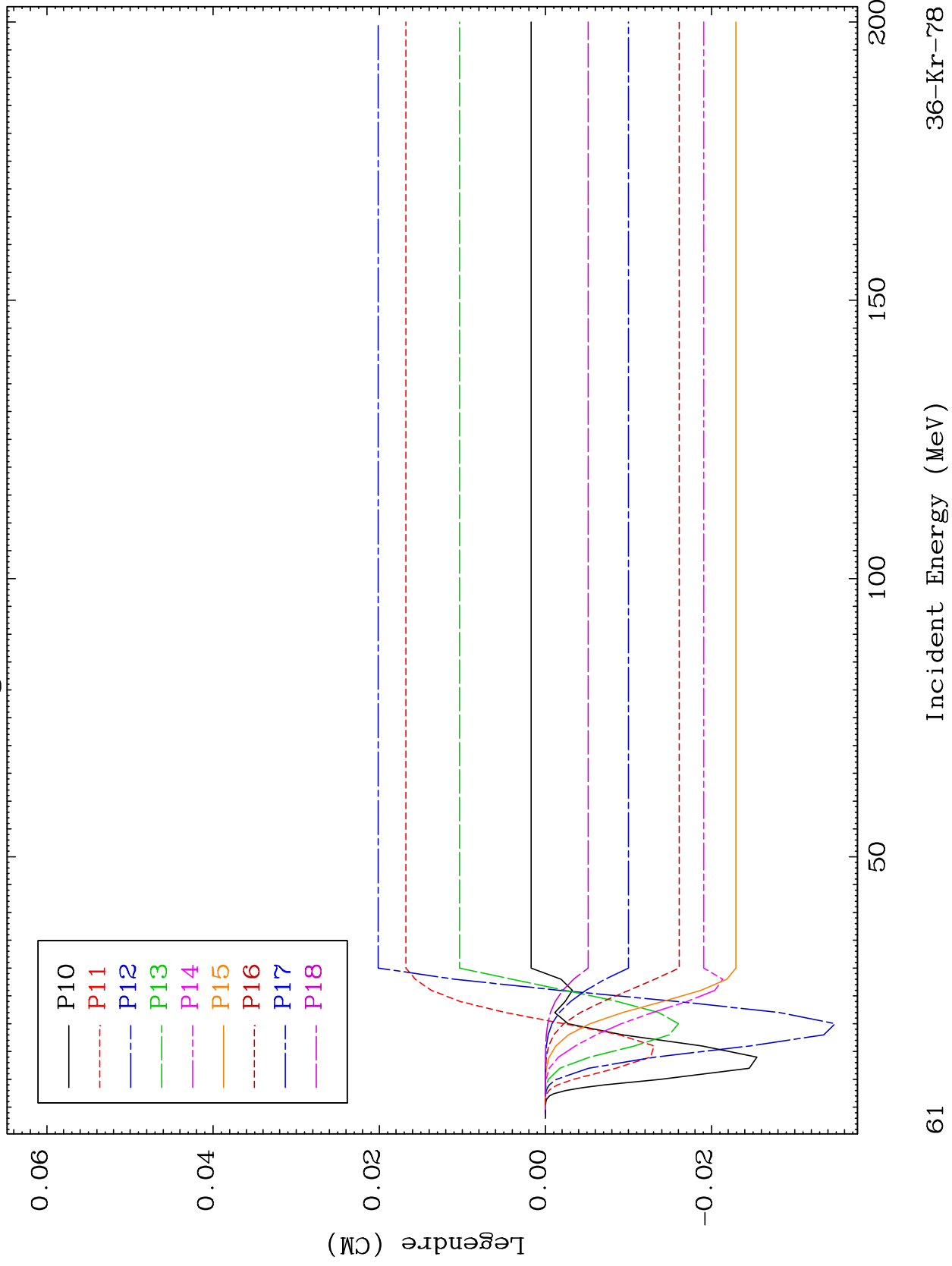
Incident Energy (MeV)

60

MAT 3625

2.234 MeV (n,n') Level
Legendre Coefficients

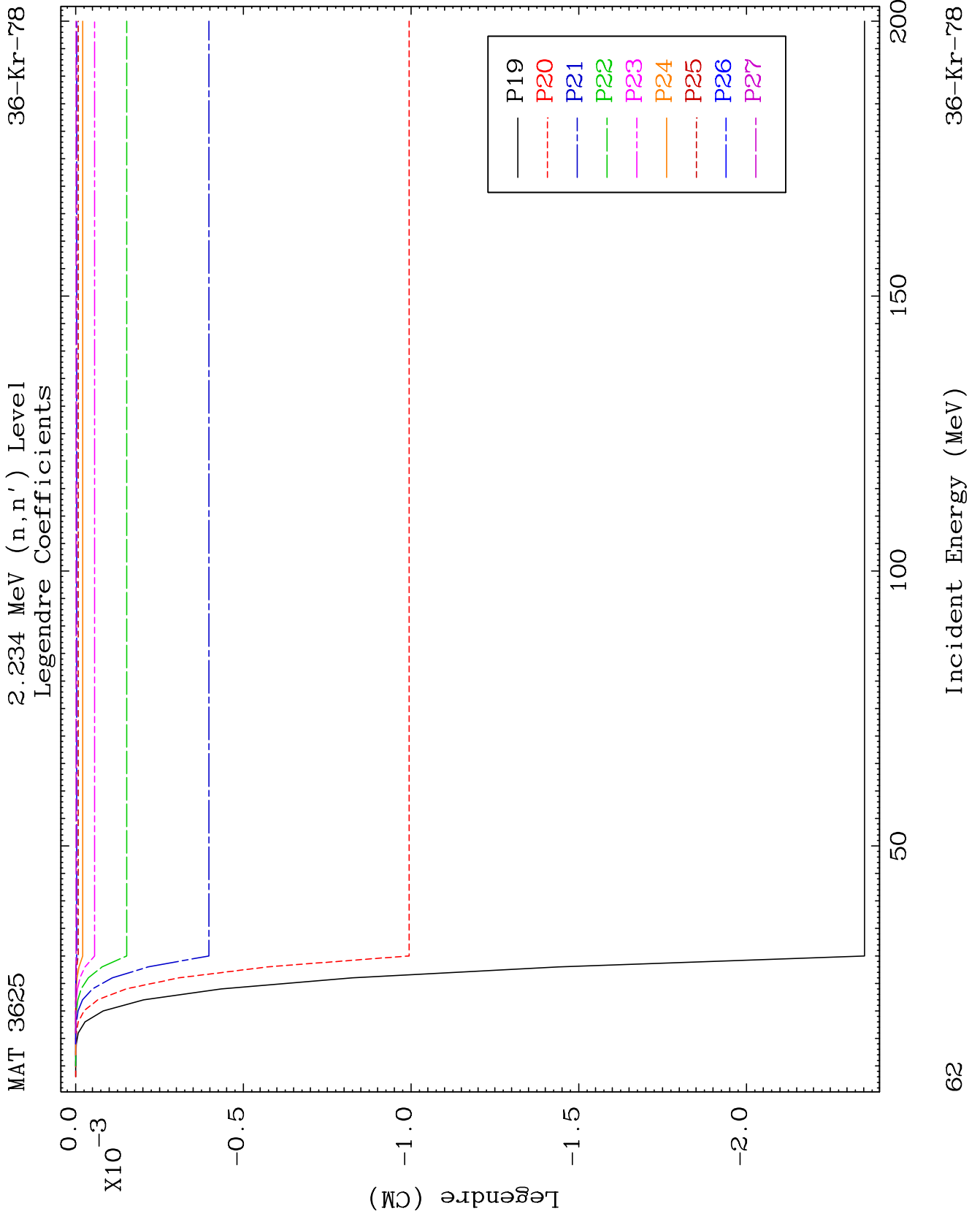
36-Kr-78

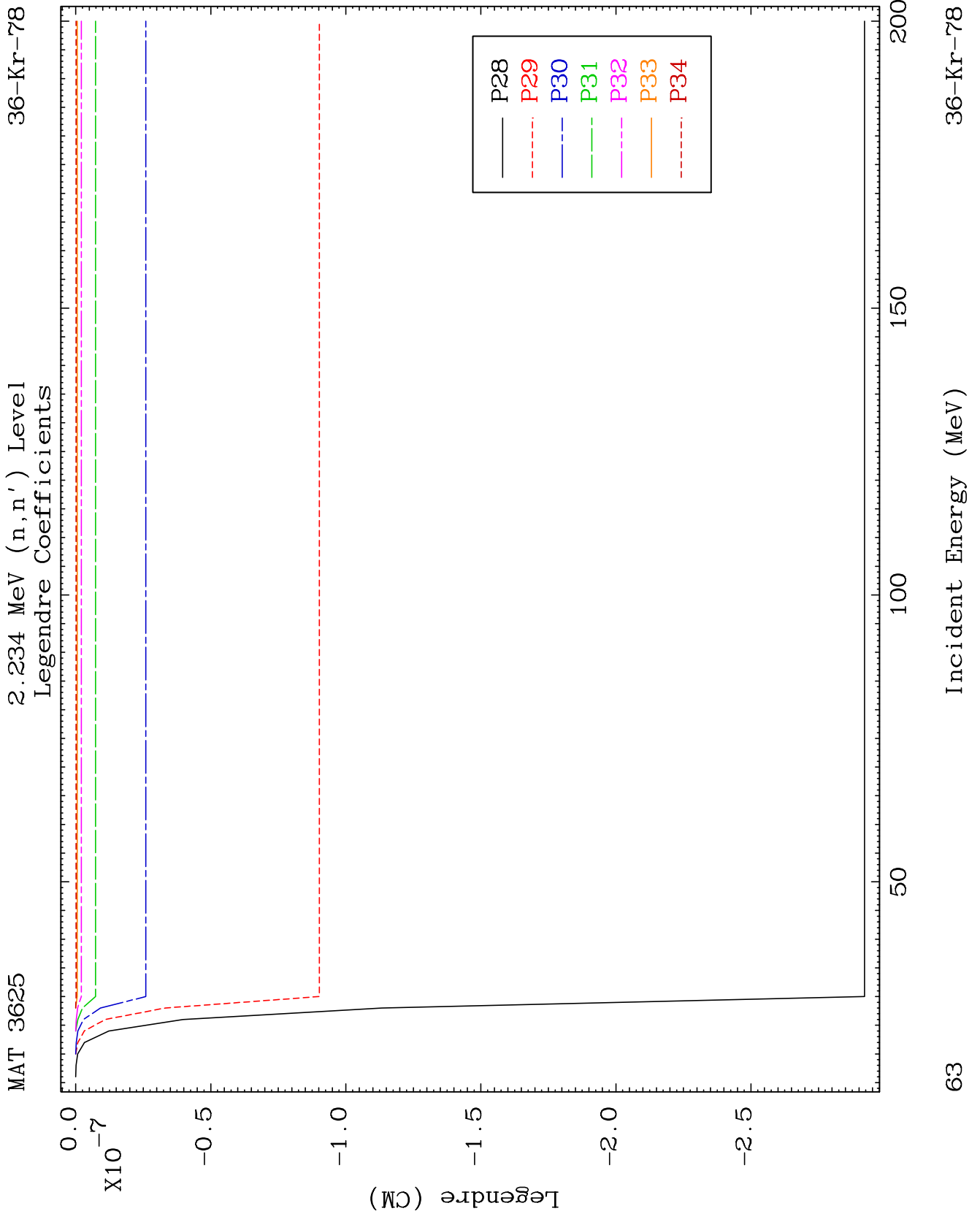


61

Incident Energy (MeV)

36-Kr-78

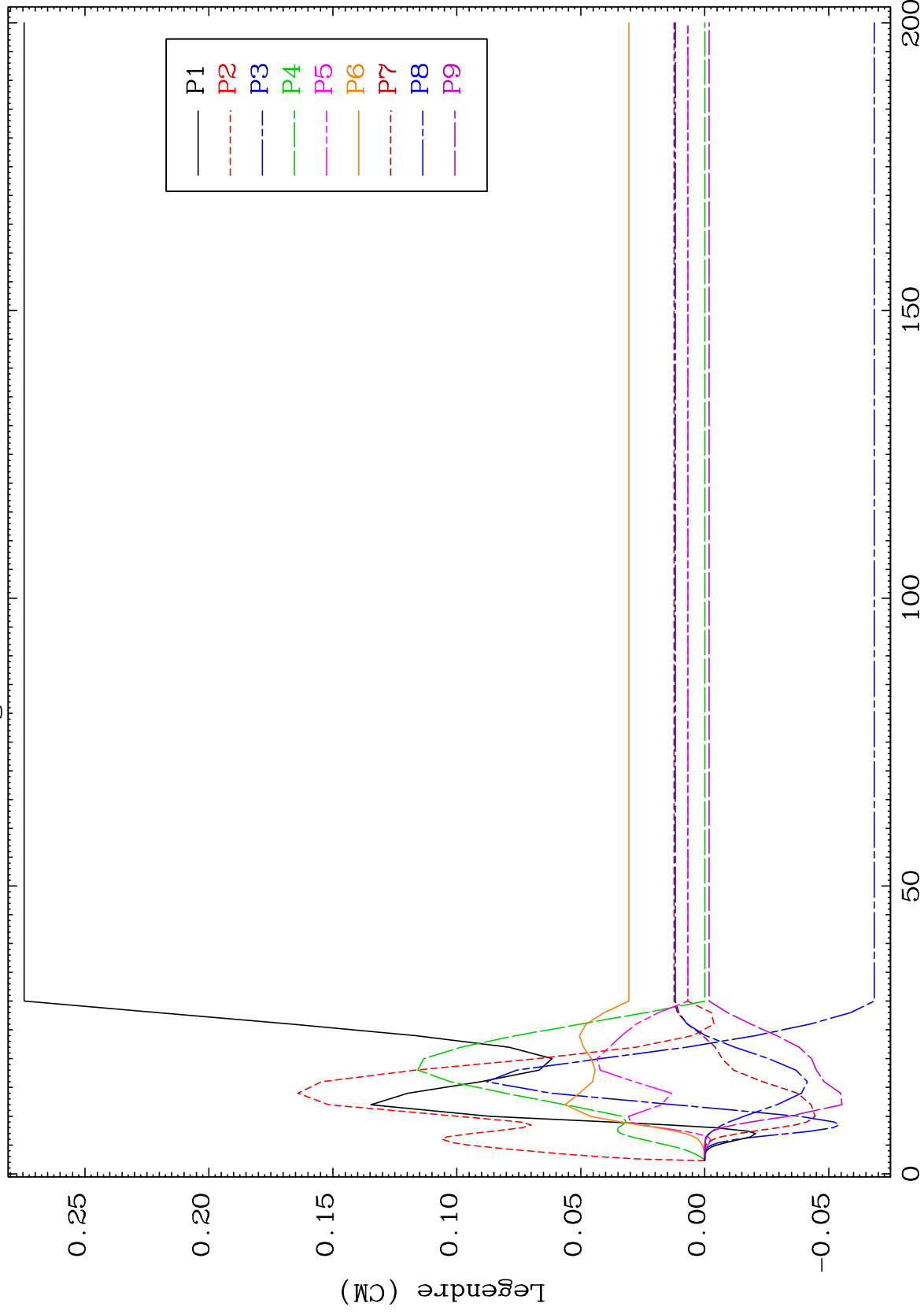




MAT 3625

2.241 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



64

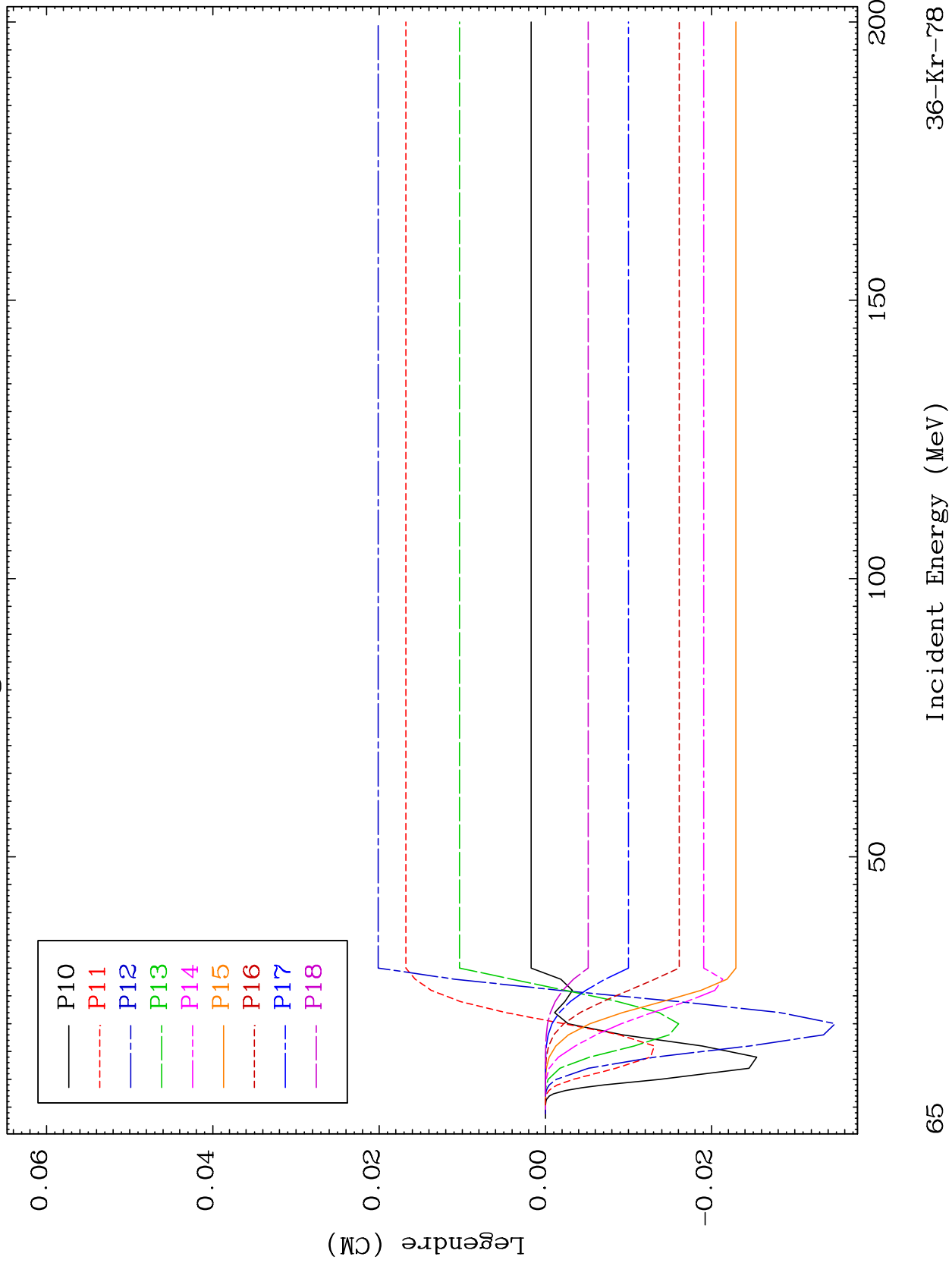
Incident Energy (MeV)

36-Kr-78

MAT 3625

2.241 MeV (n,n') Level
Legendre Coefficients

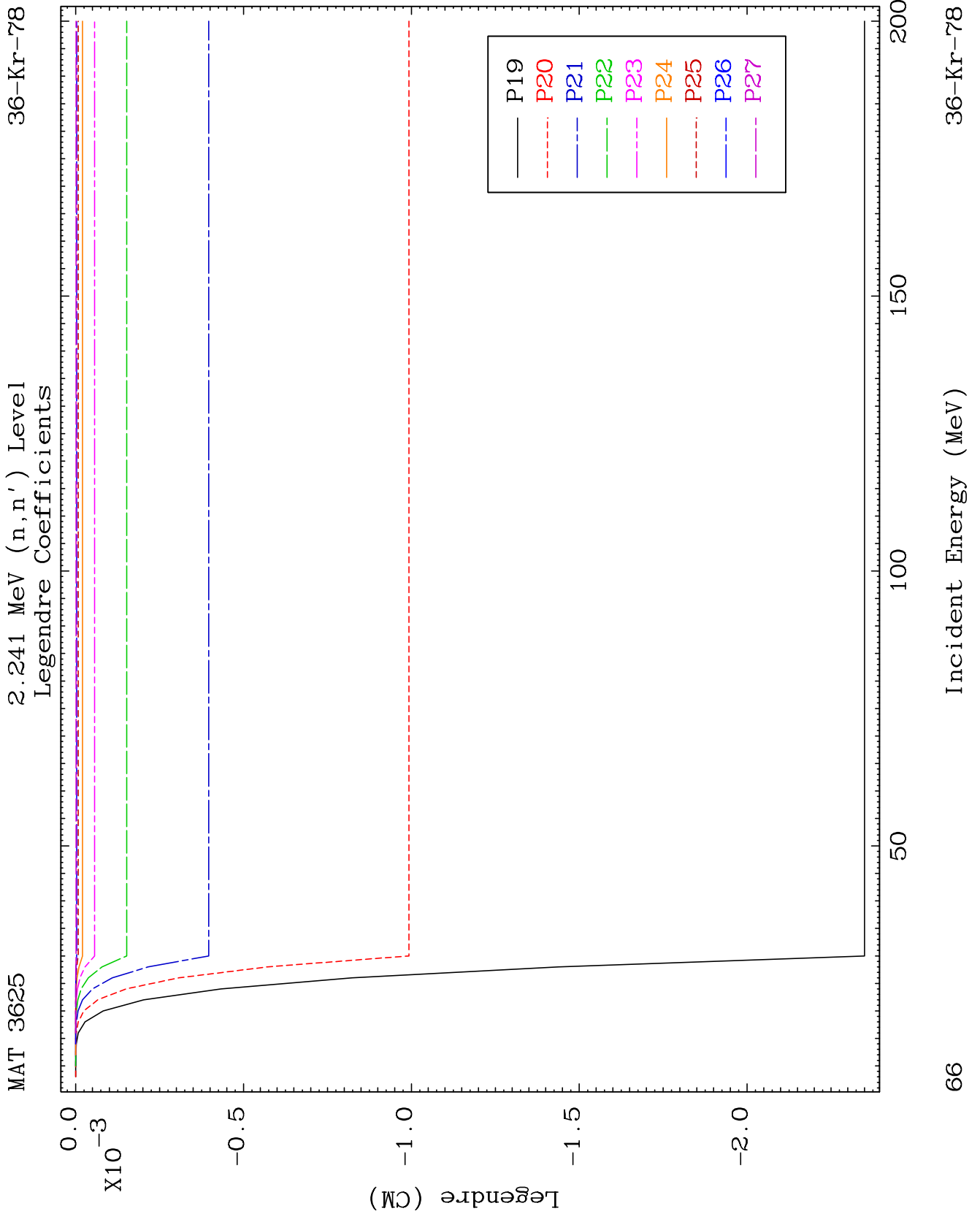
36-Kr-78

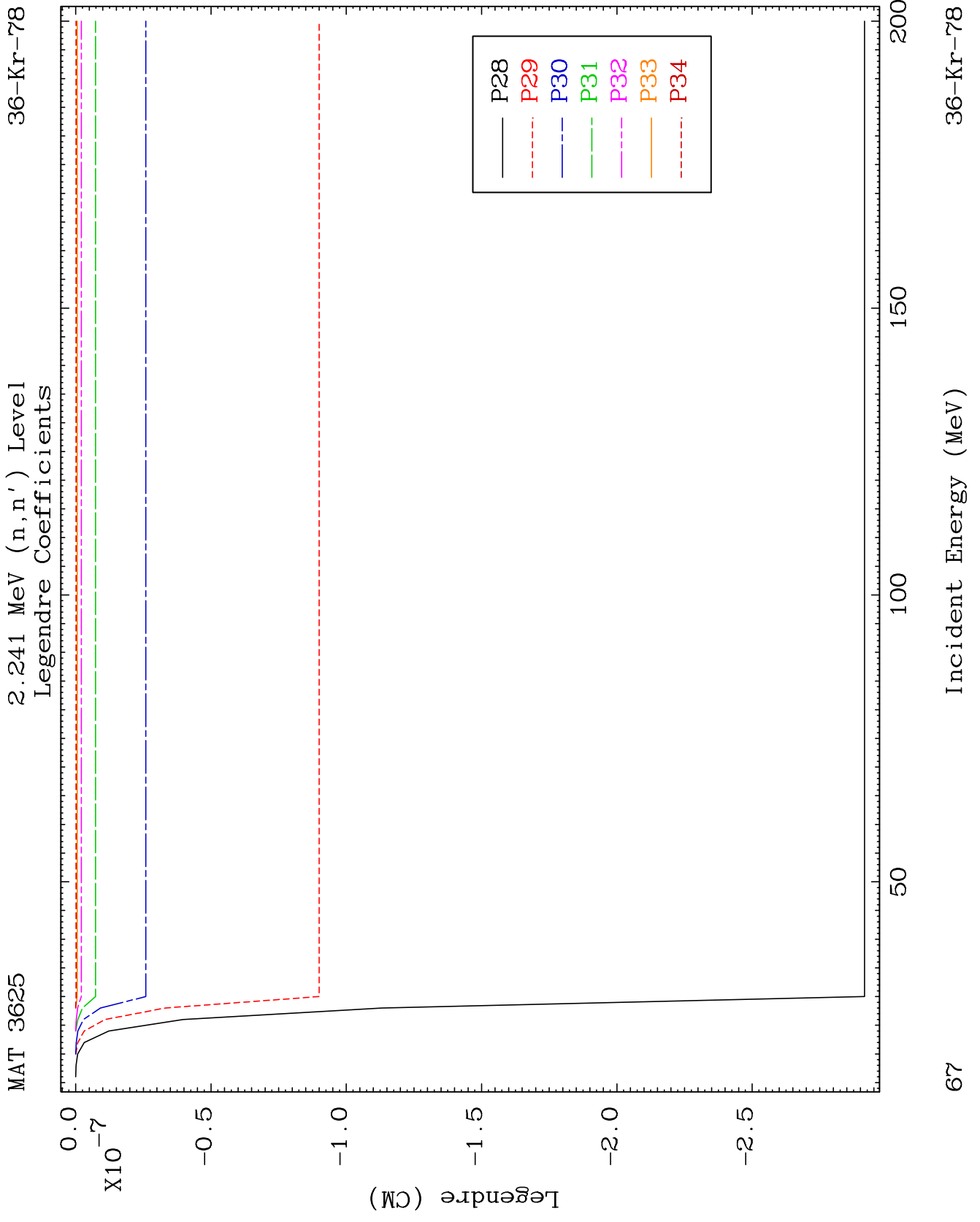


65

Incident Energy (MeV)

36-Kr-78

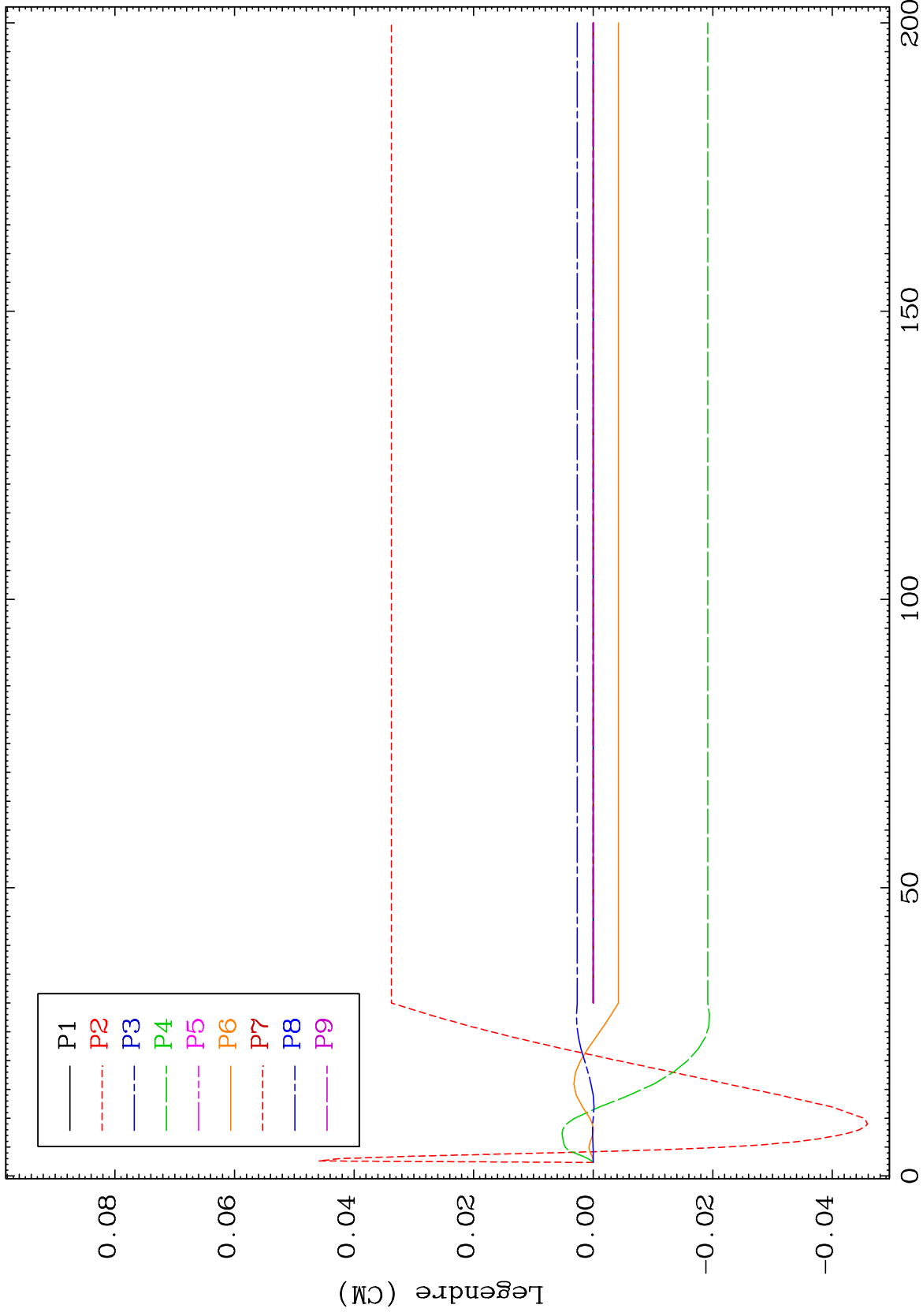




MAT 3625

2.300 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



Incident Energy (MeV)

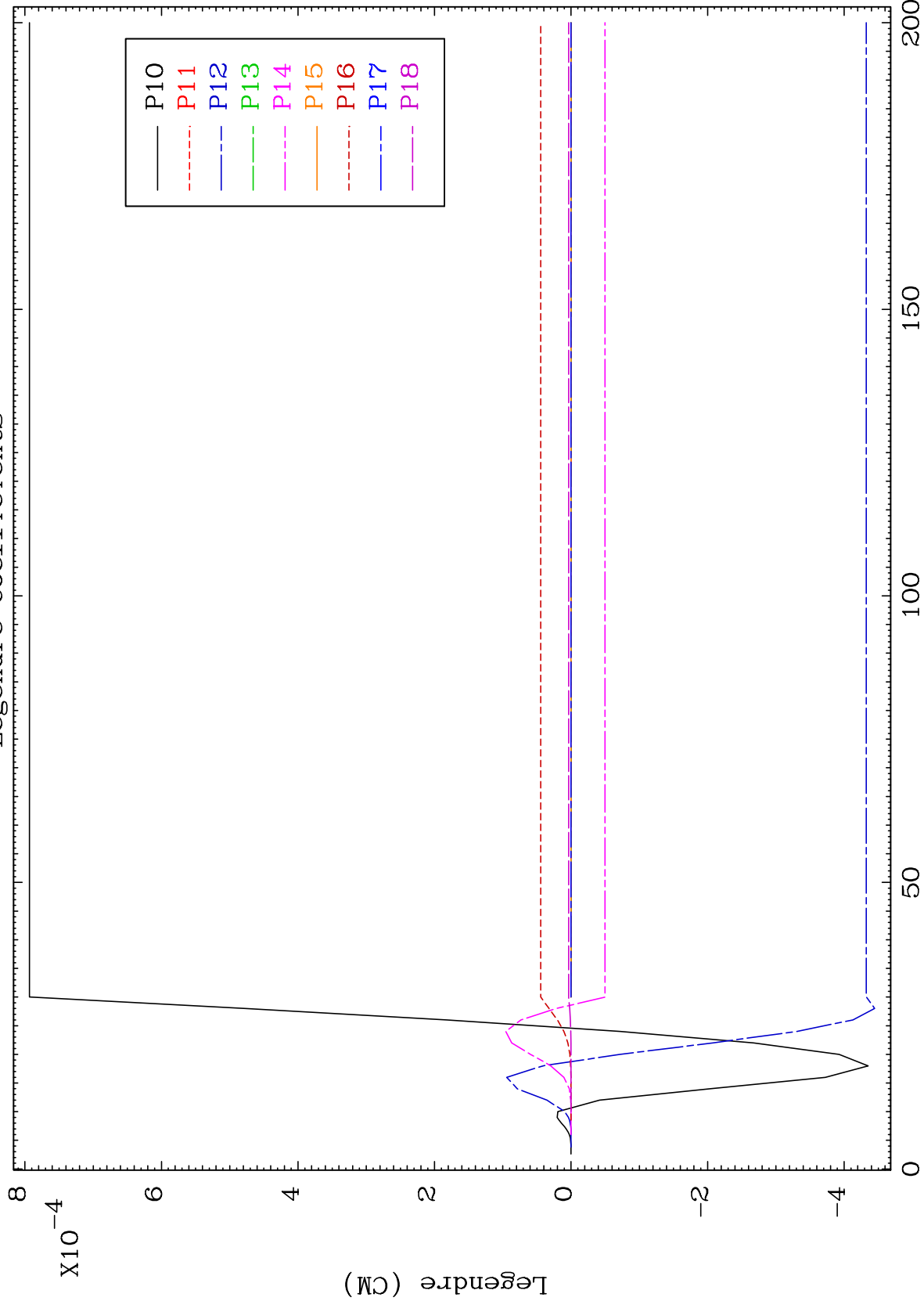
36-Kr-78

68

MAT 3625

2.300 MeV (n,n') Level
Legendre Coefficients

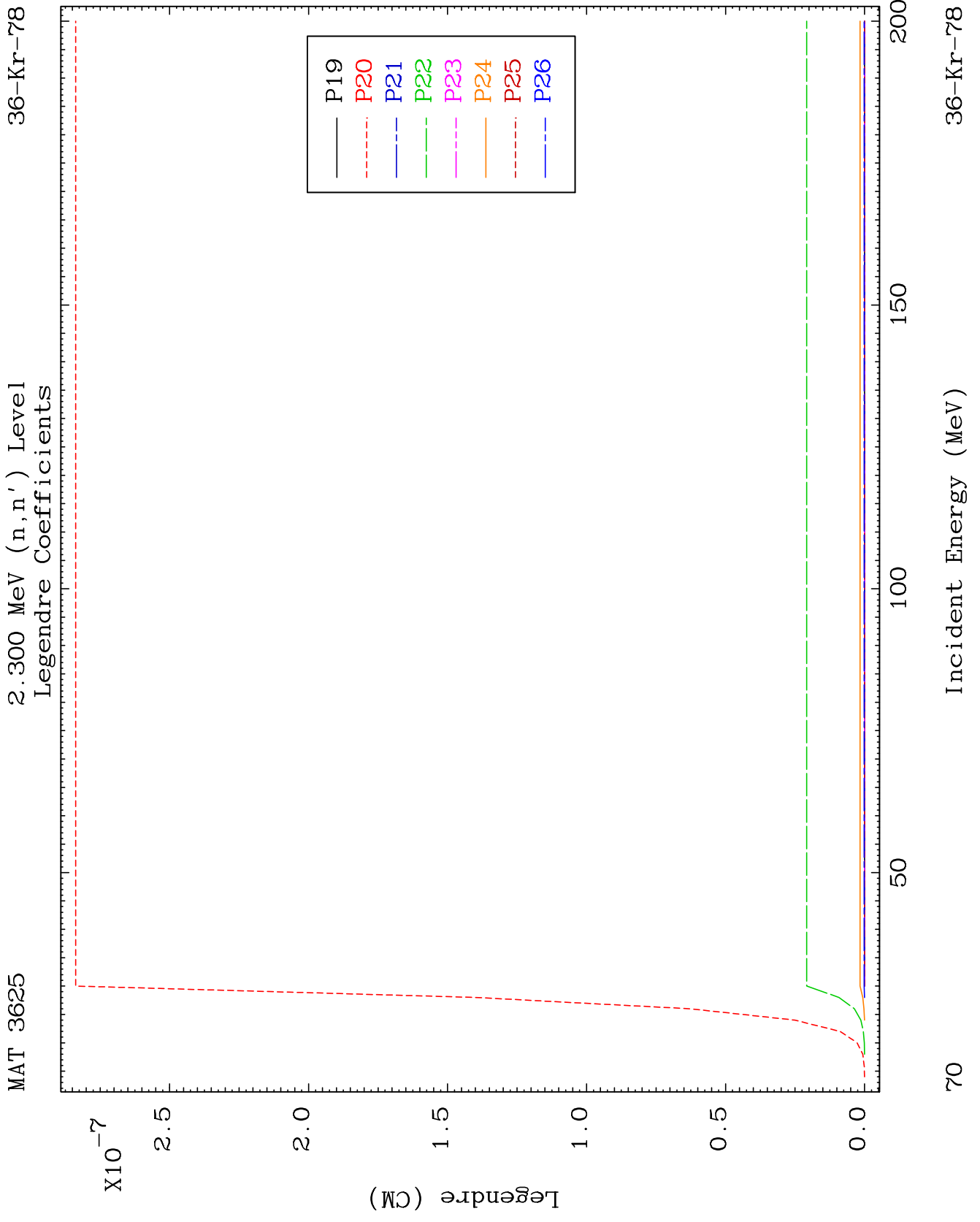
36-Kr-78



69

Incident Energy (MeV)

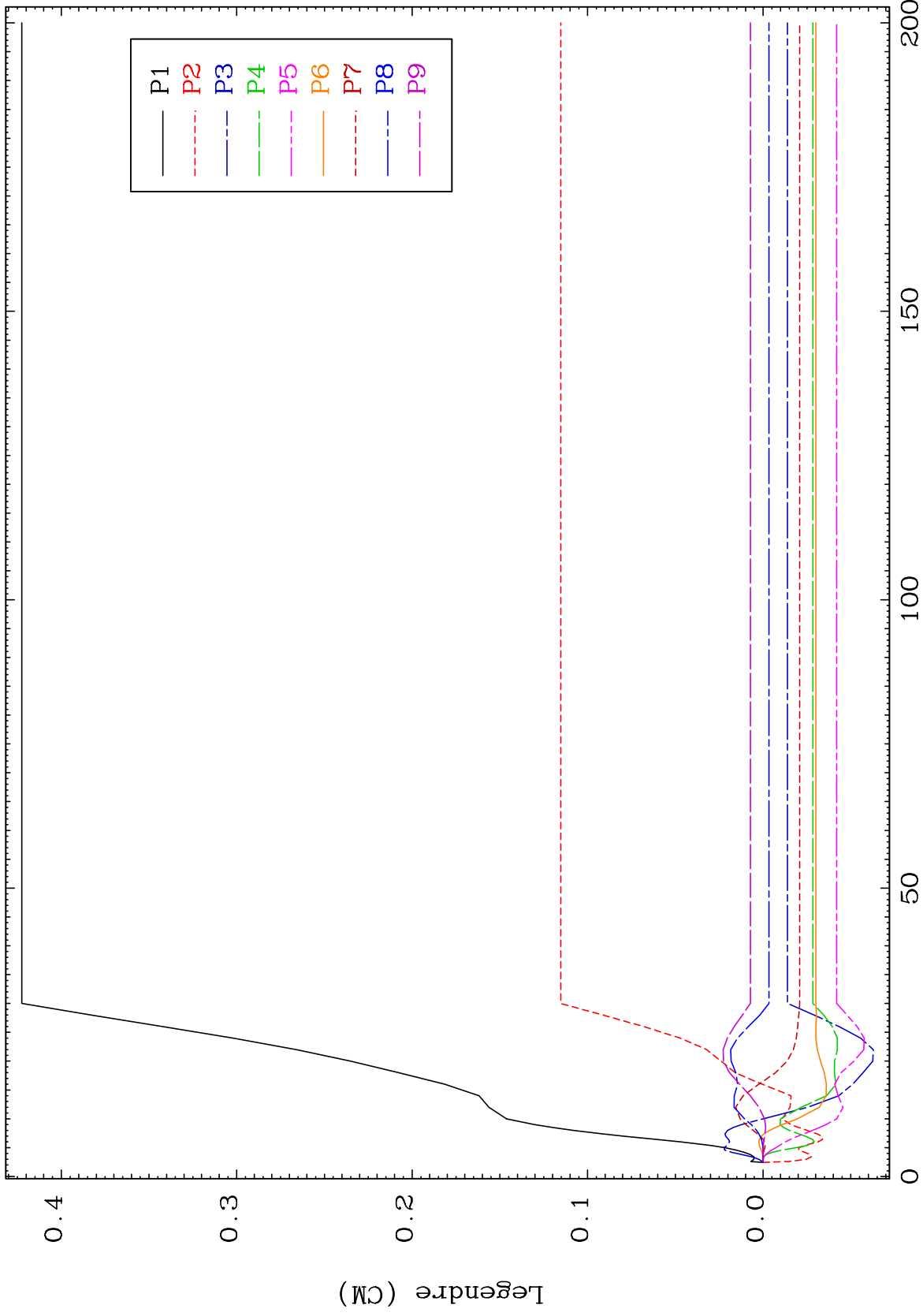
36-Kr-78



MAT 3625

2.399 MeV (n,n') Level
Legendre Coefficients

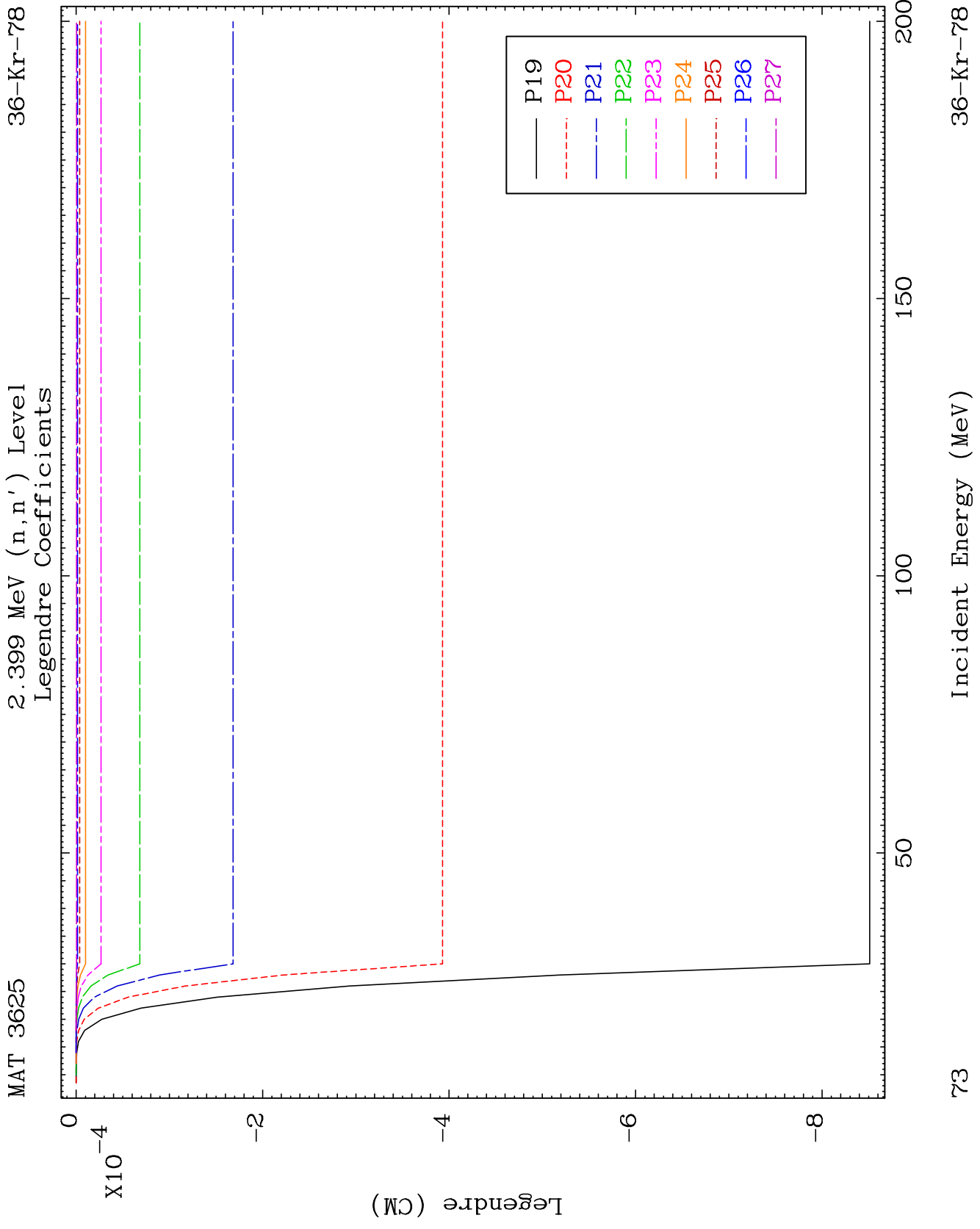
36-Kr-78

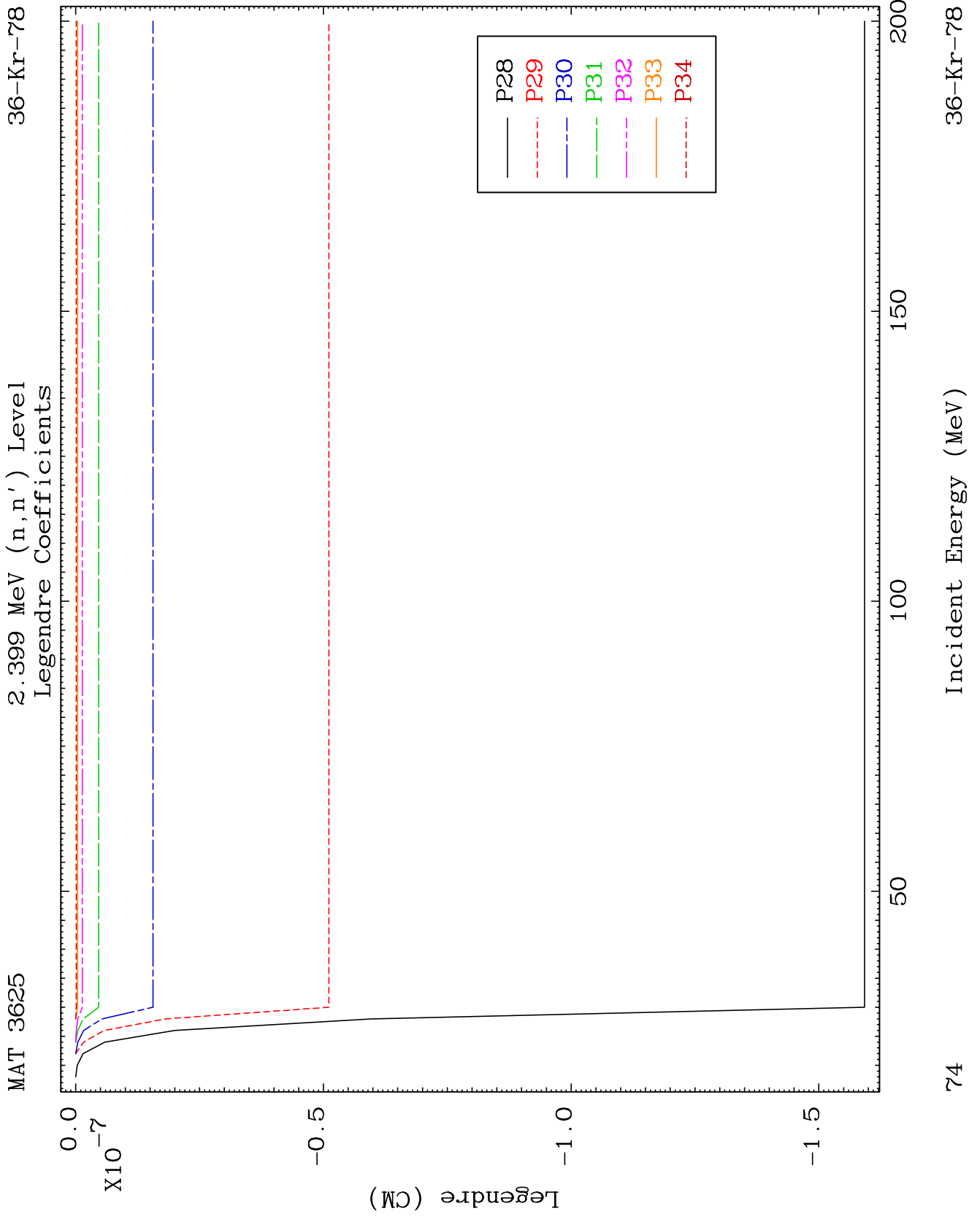


71

Incident Energy (MeV)

36-Kr-78

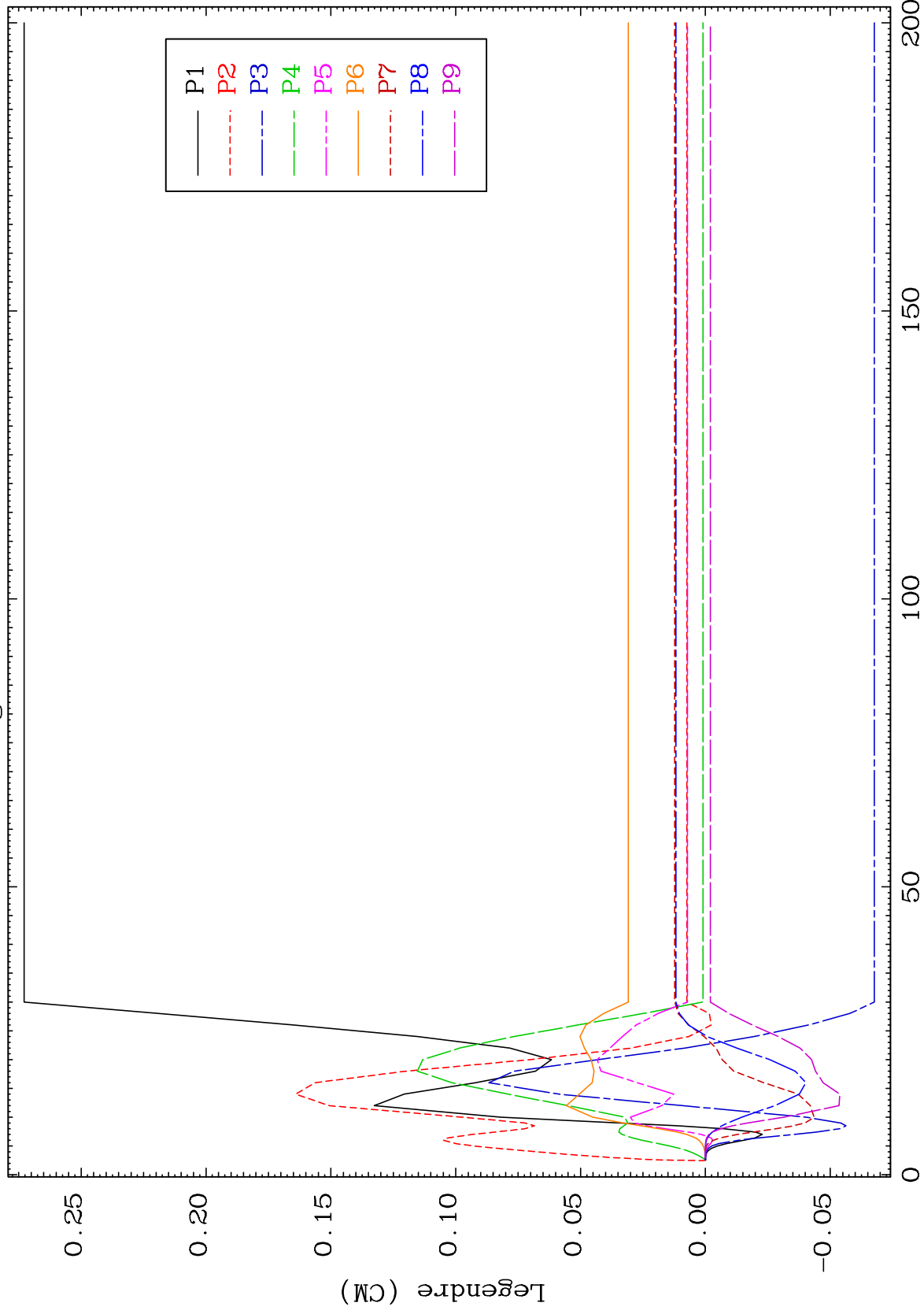




MAT 3625

2.413 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



75

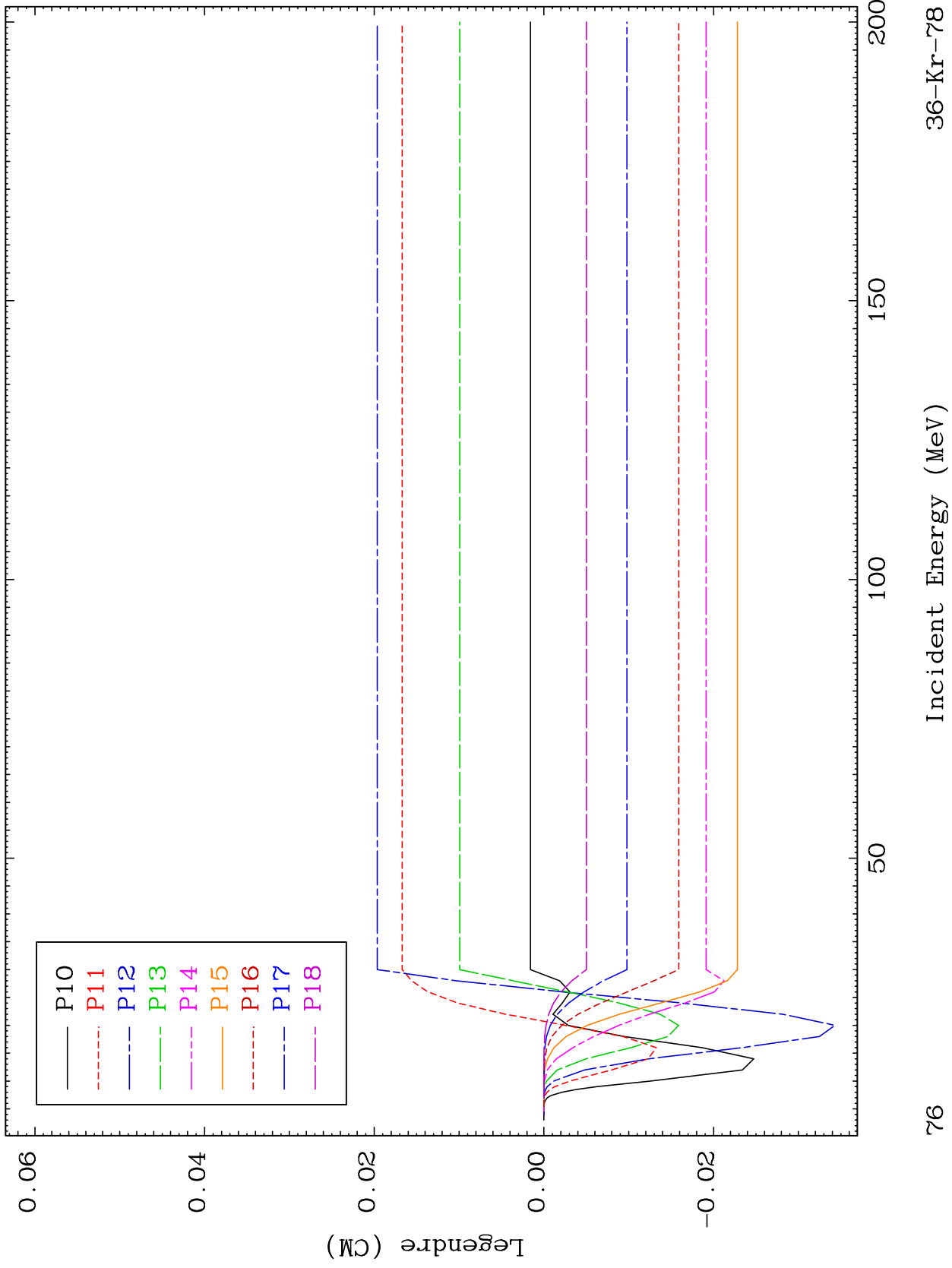
Incident Energy (MeV)

36-Kr-78

MAT 3625

2.413 MeV (n,n') Level
Legendre Coefficients

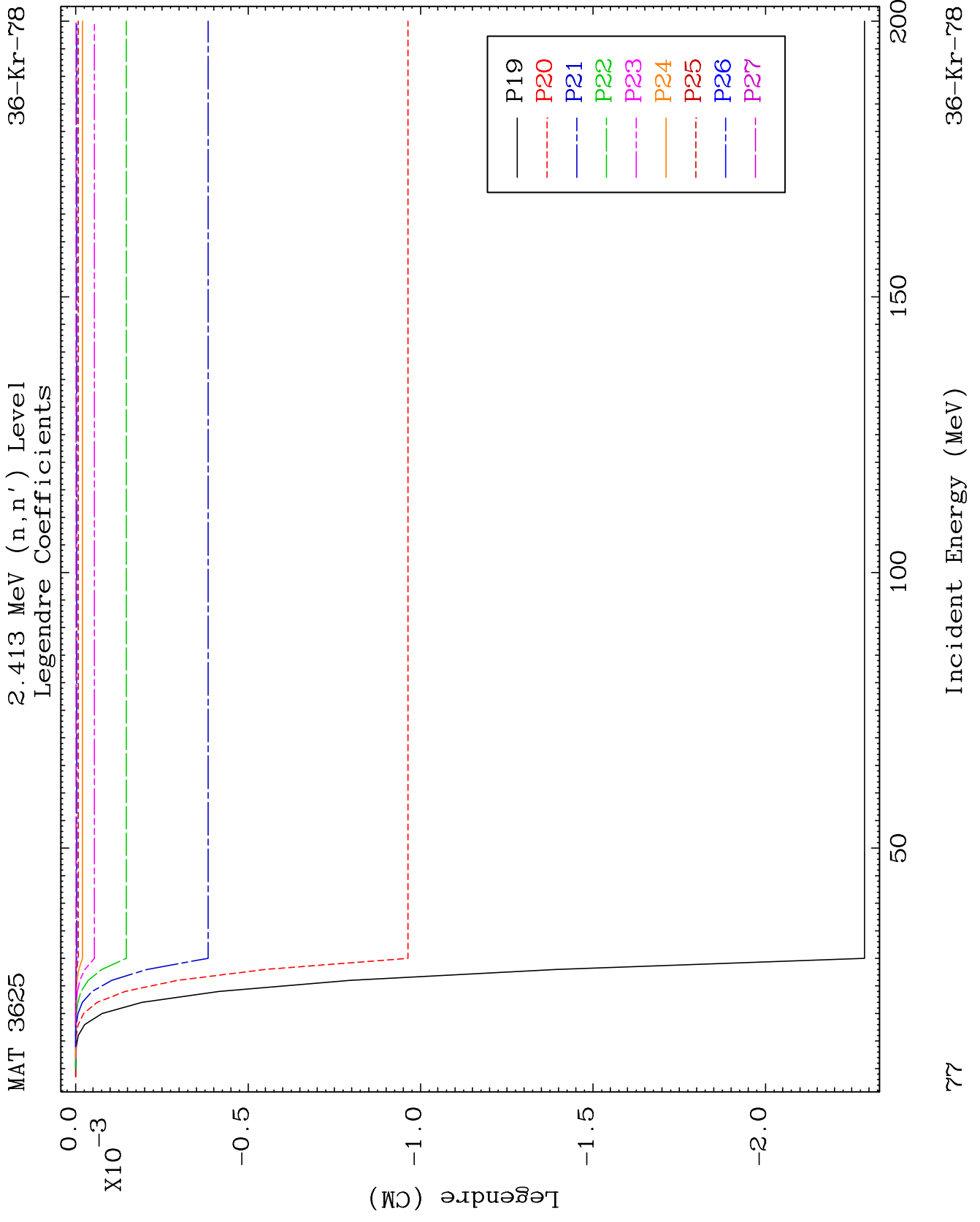
36-Kr-78

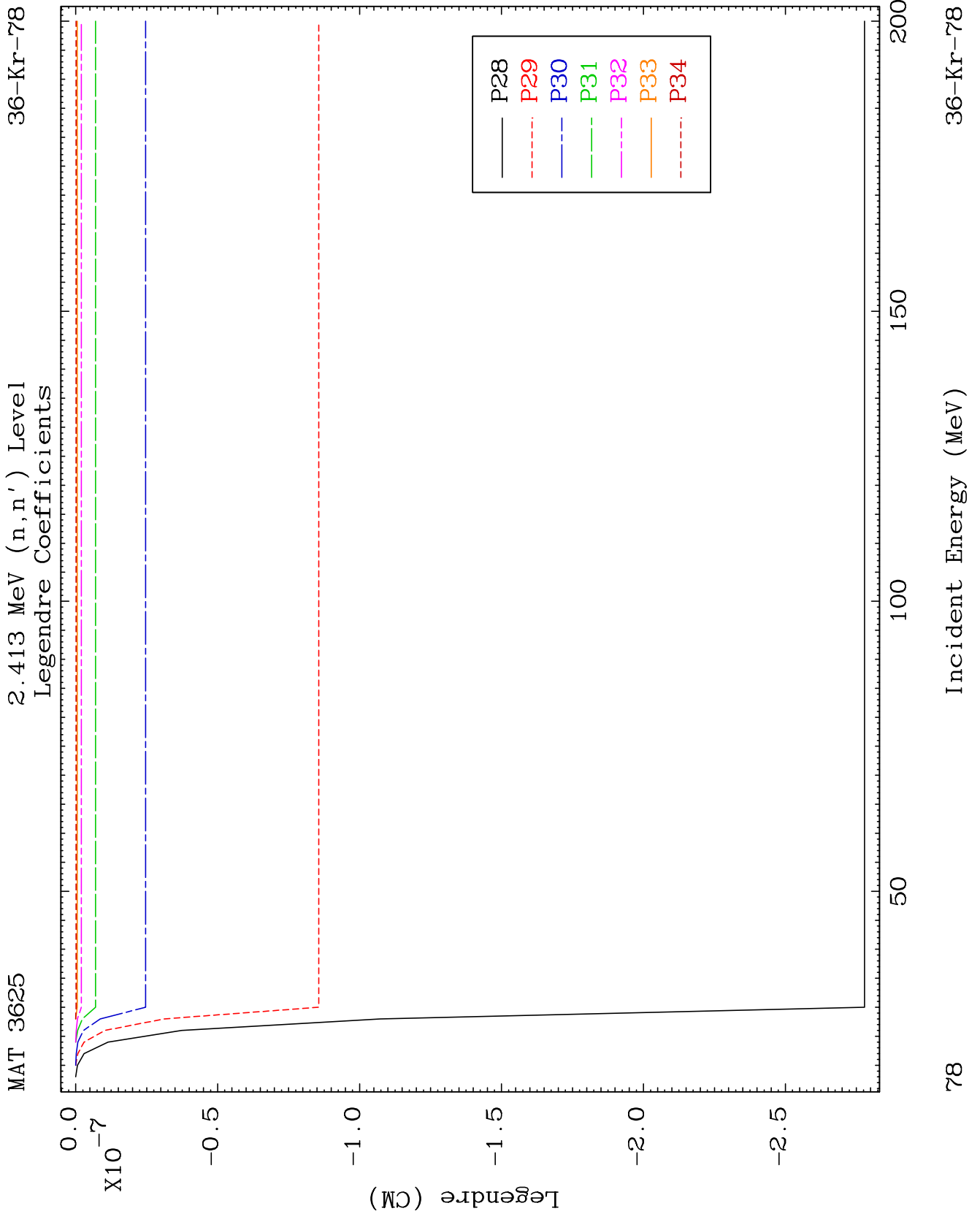


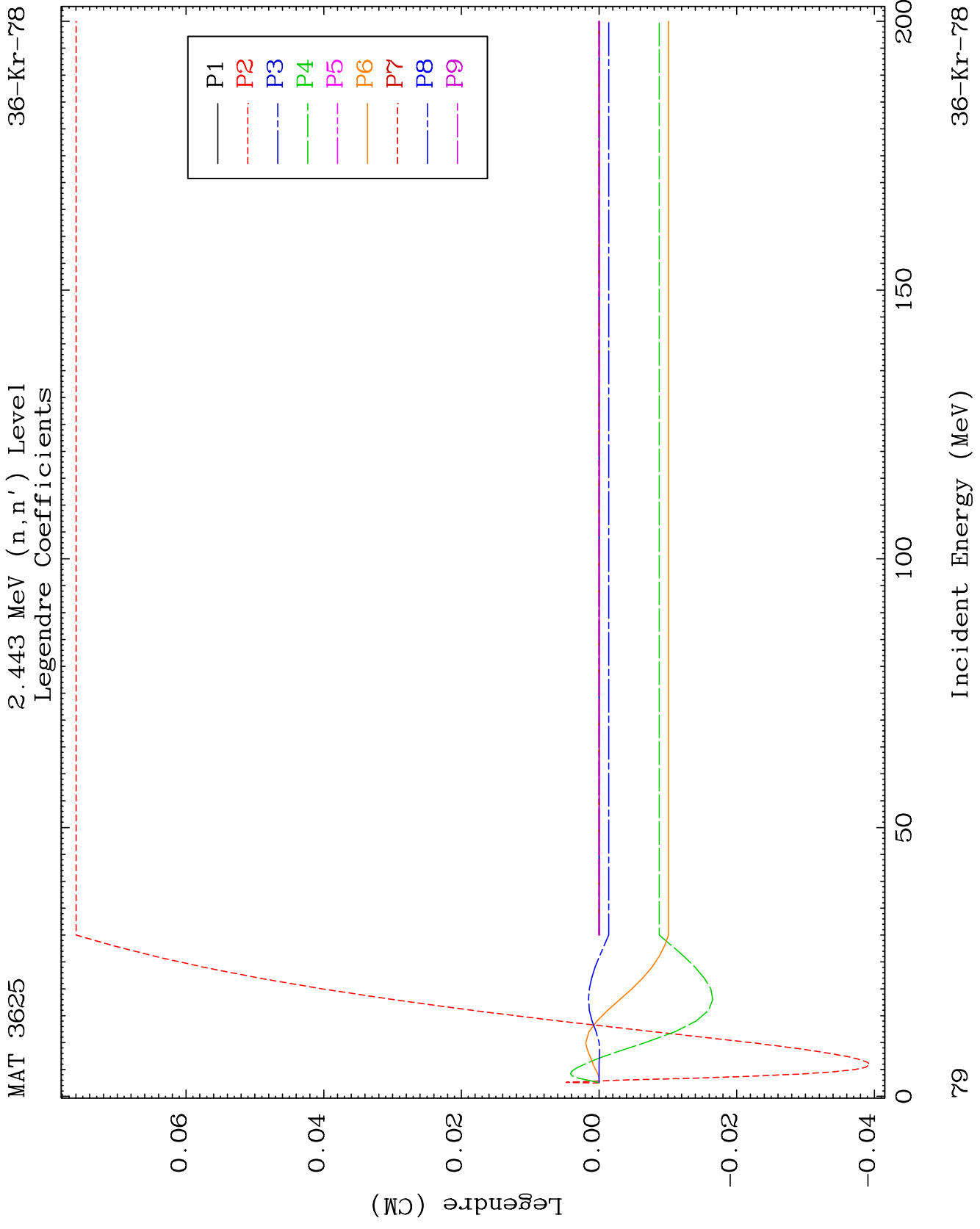
76

Incident Energy (MeV)

36-Kr-78



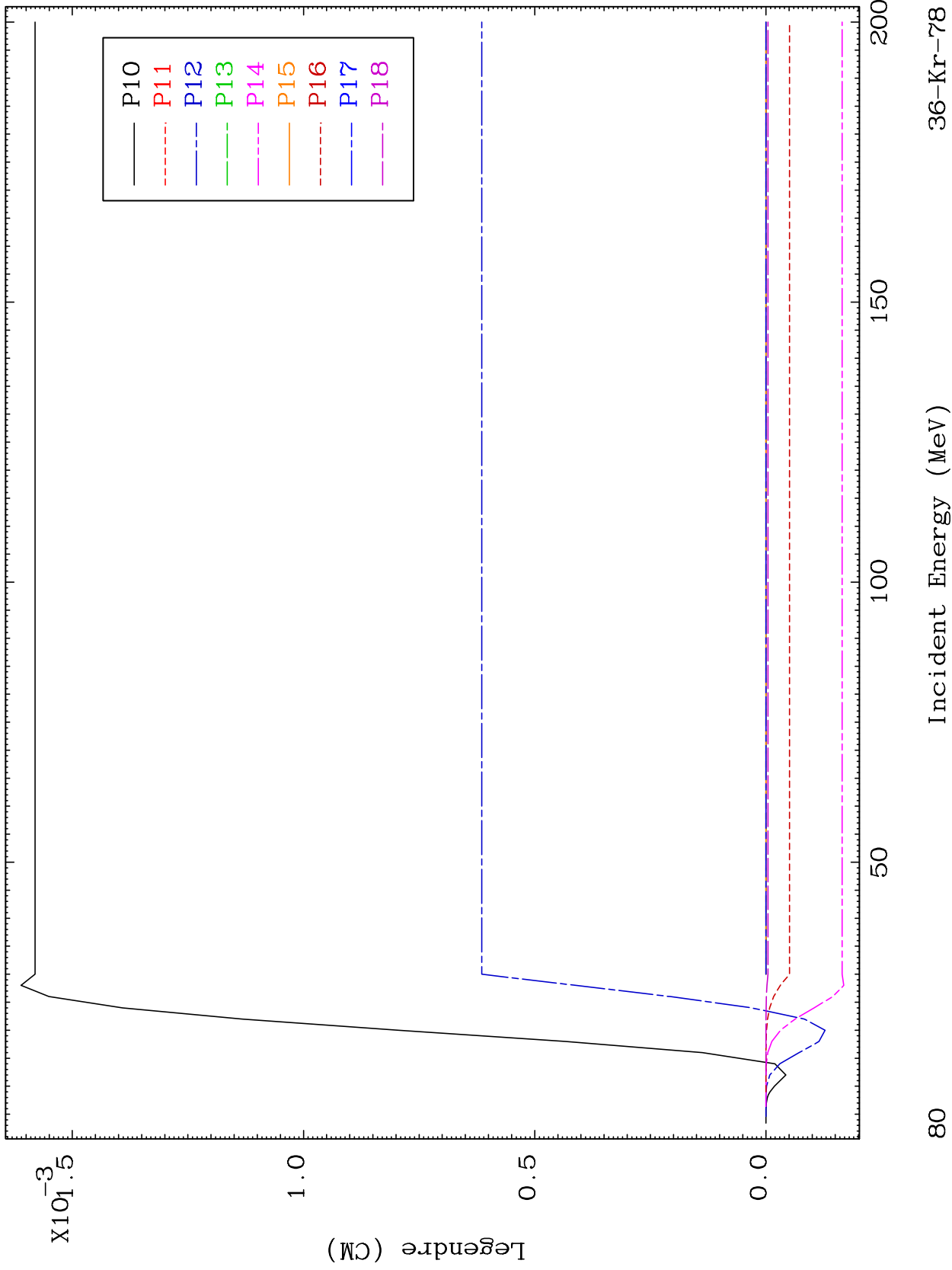




MAT 3625

2.443 MeV (n,n') Level
Legendre Coefficients

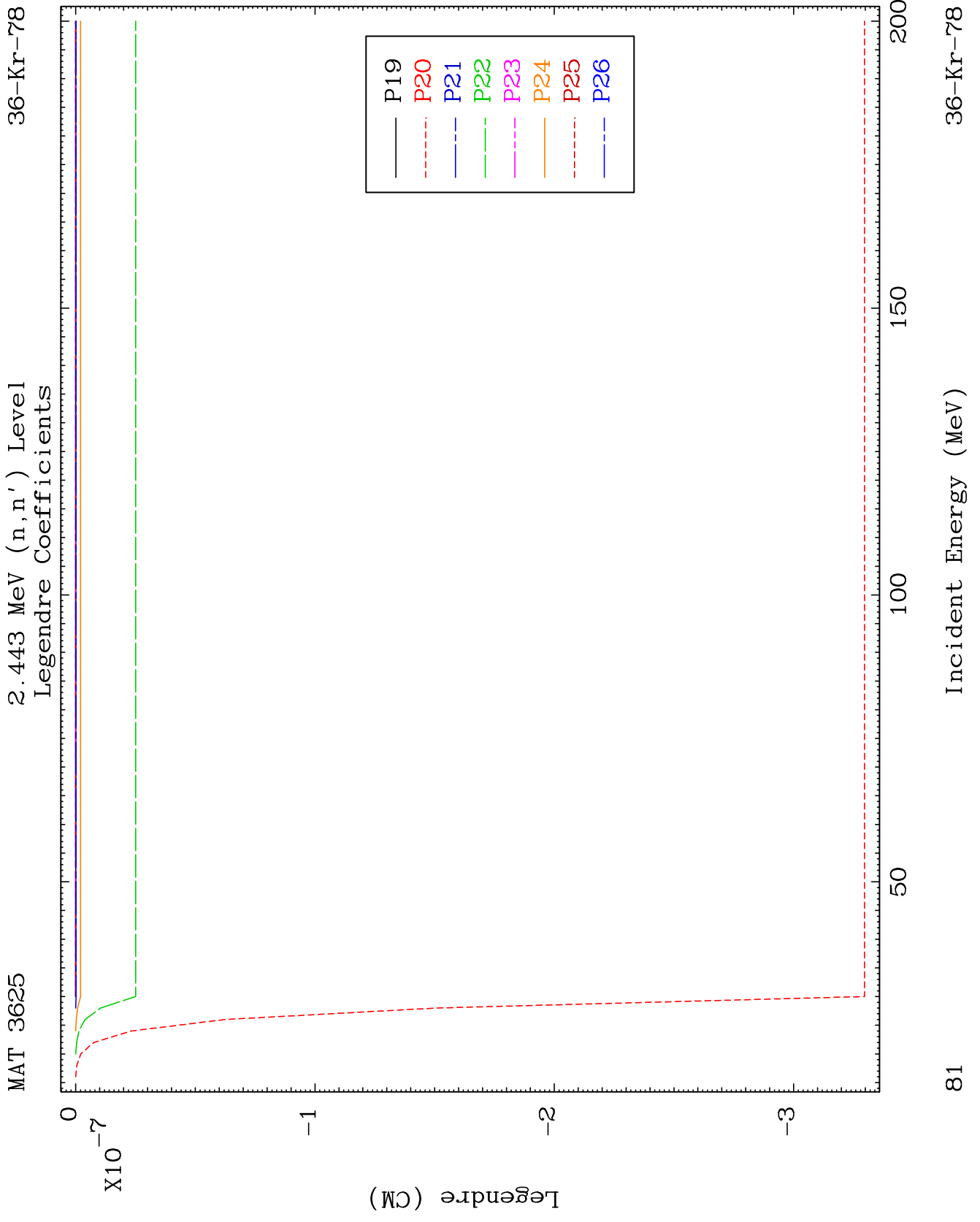
36-Kr-78



80

Incident Energy (MeV)

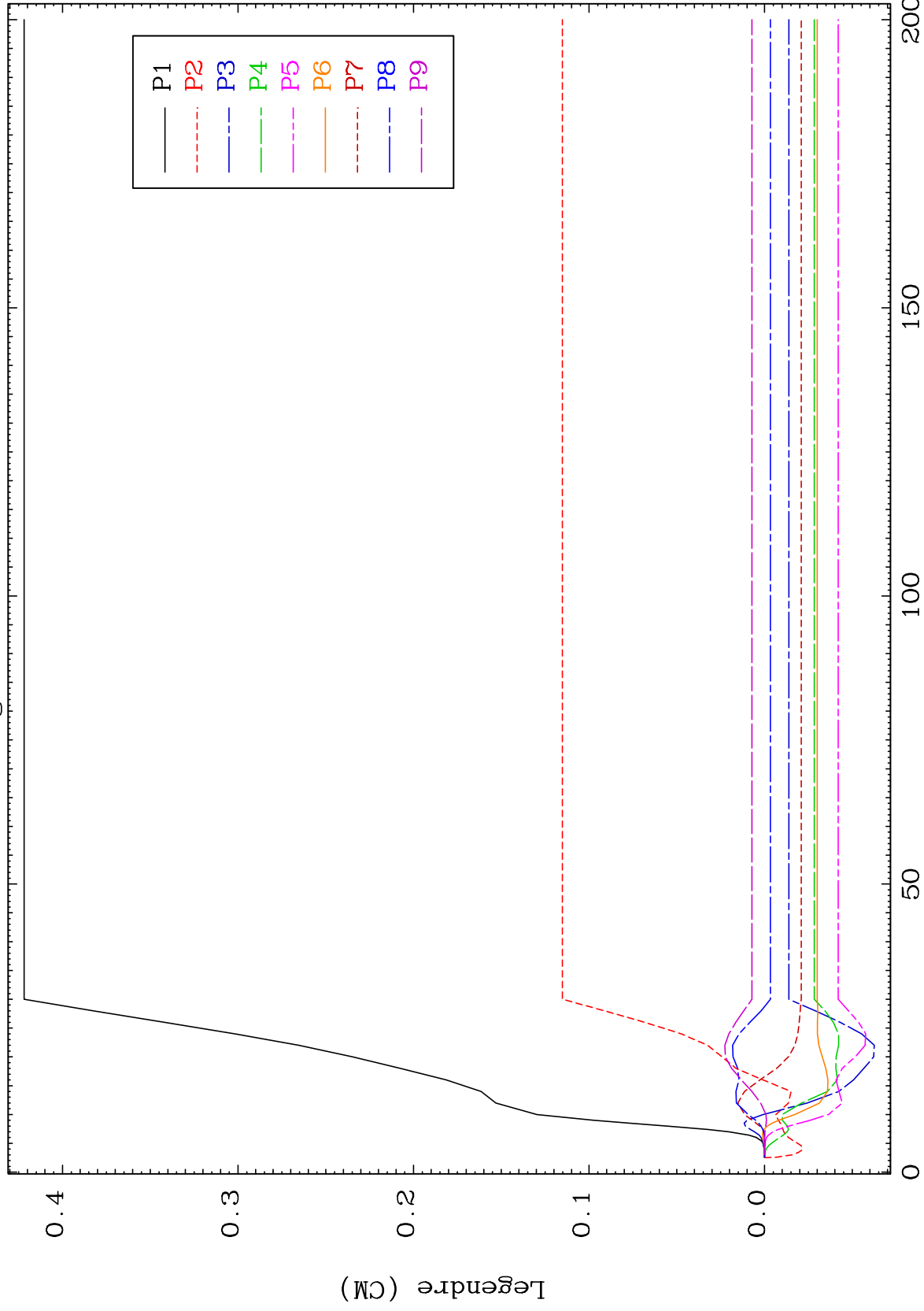
36-Kr-78



MAT 3625

2.472 MeV (n,n') Level
Legendre Coefficients

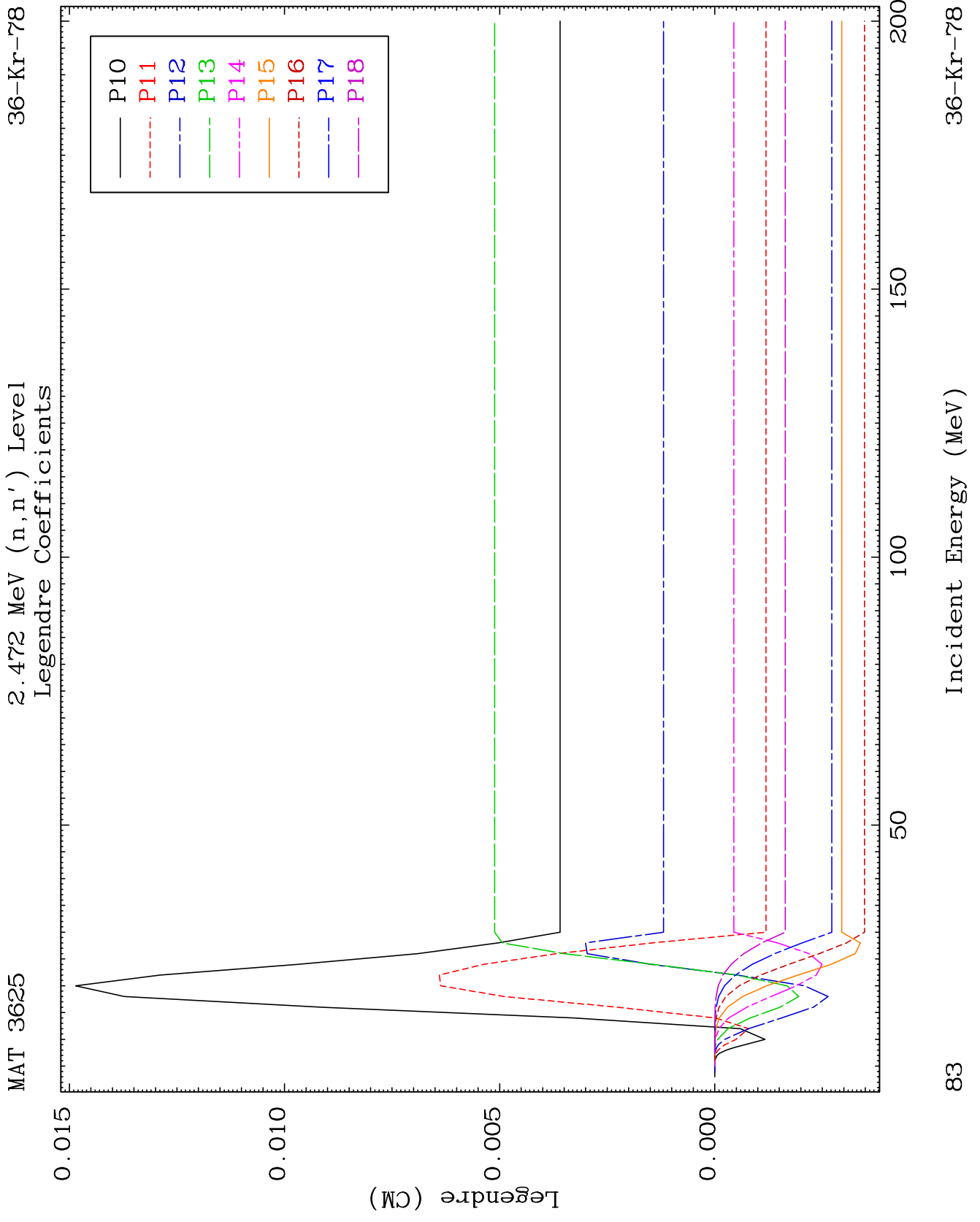
36-Kr-78

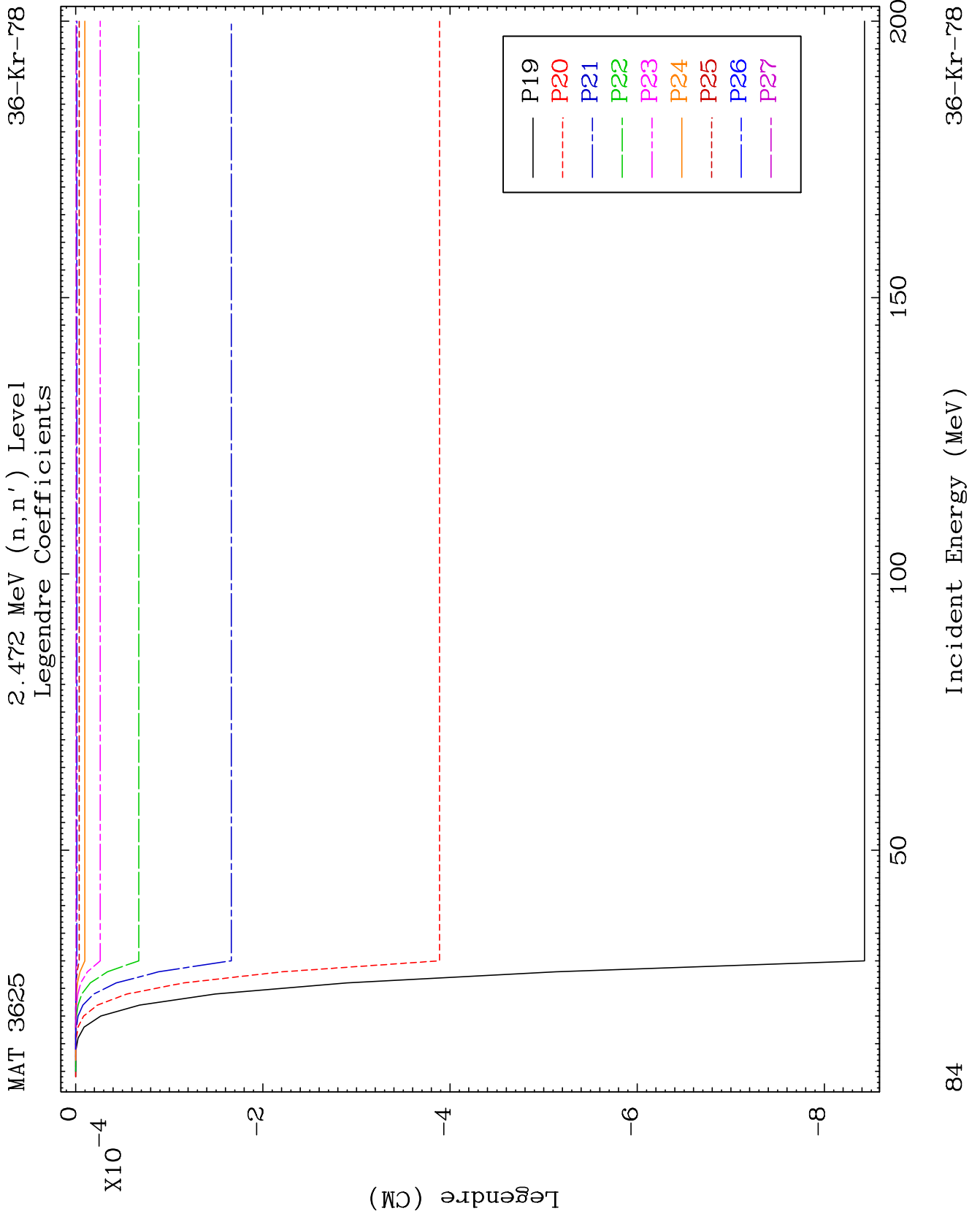


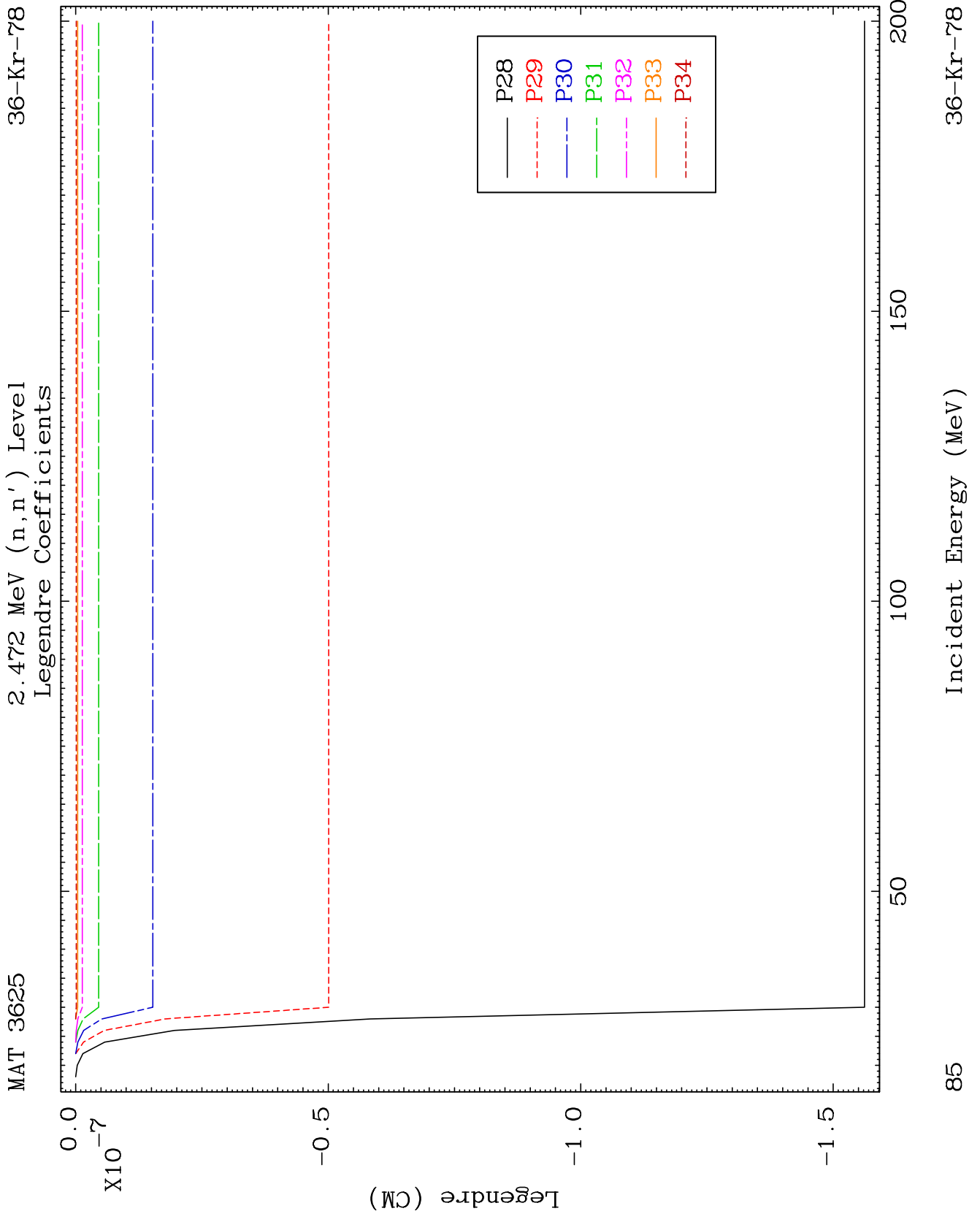
82

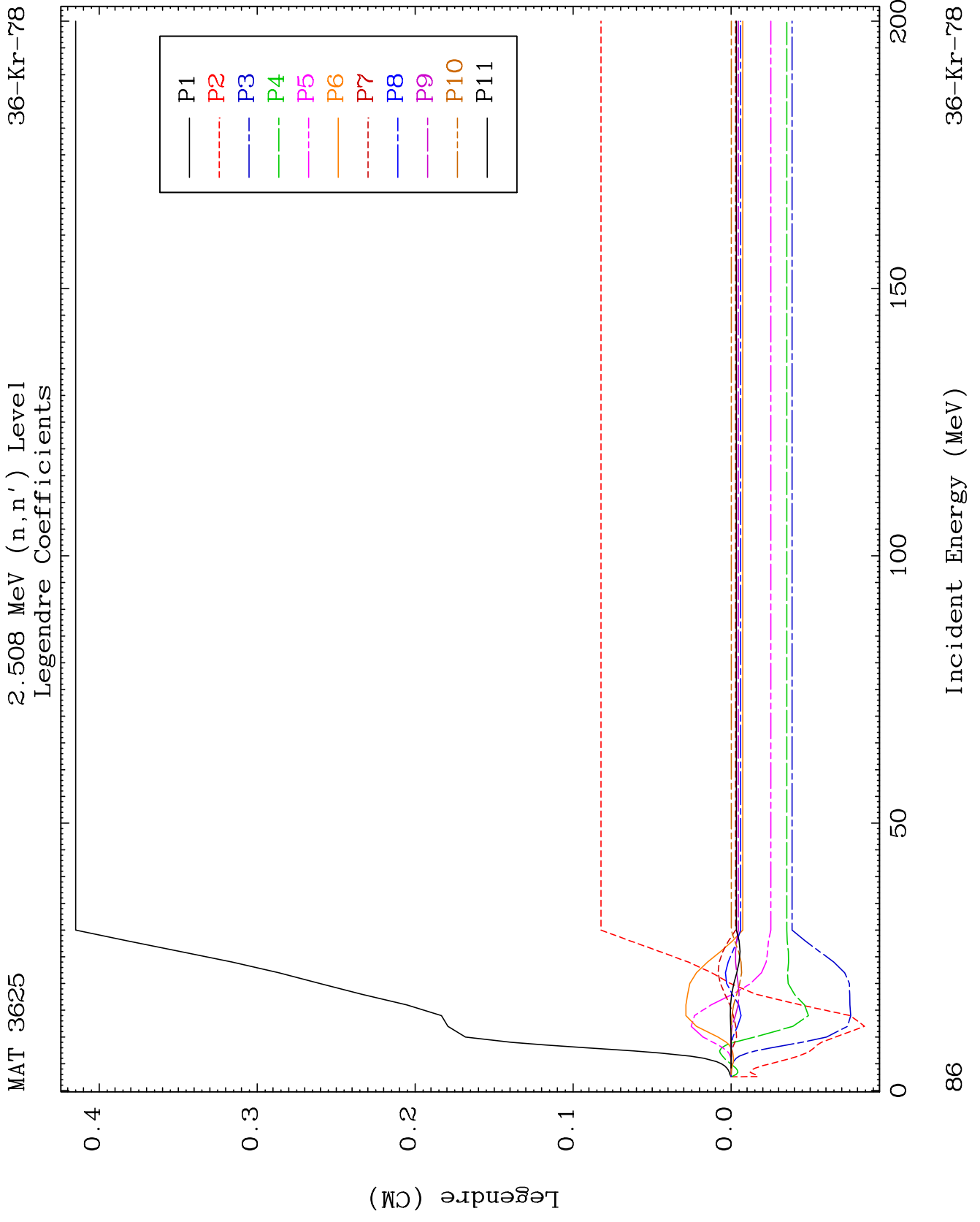
Incident Energy (MeV)

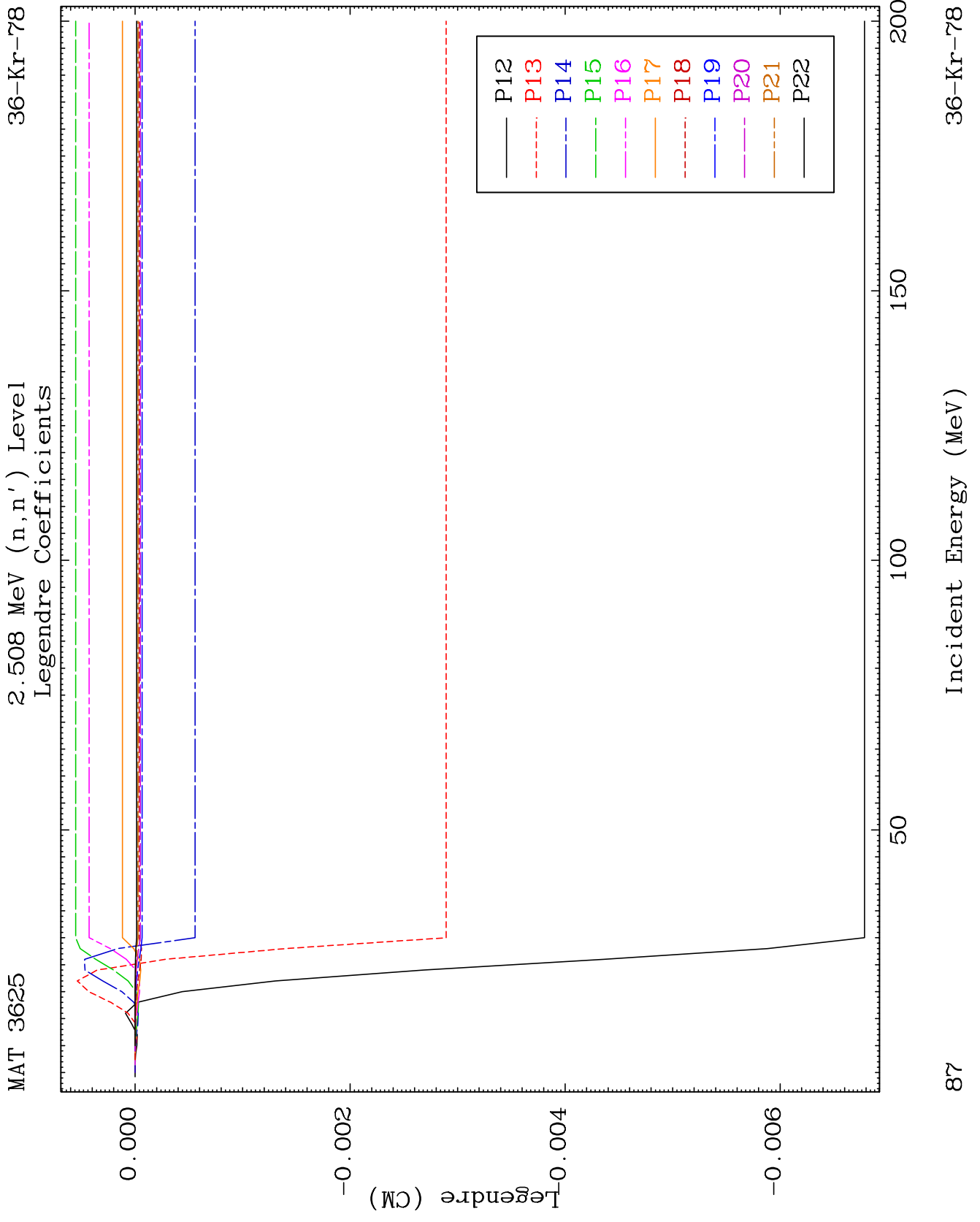
36-Kr-78

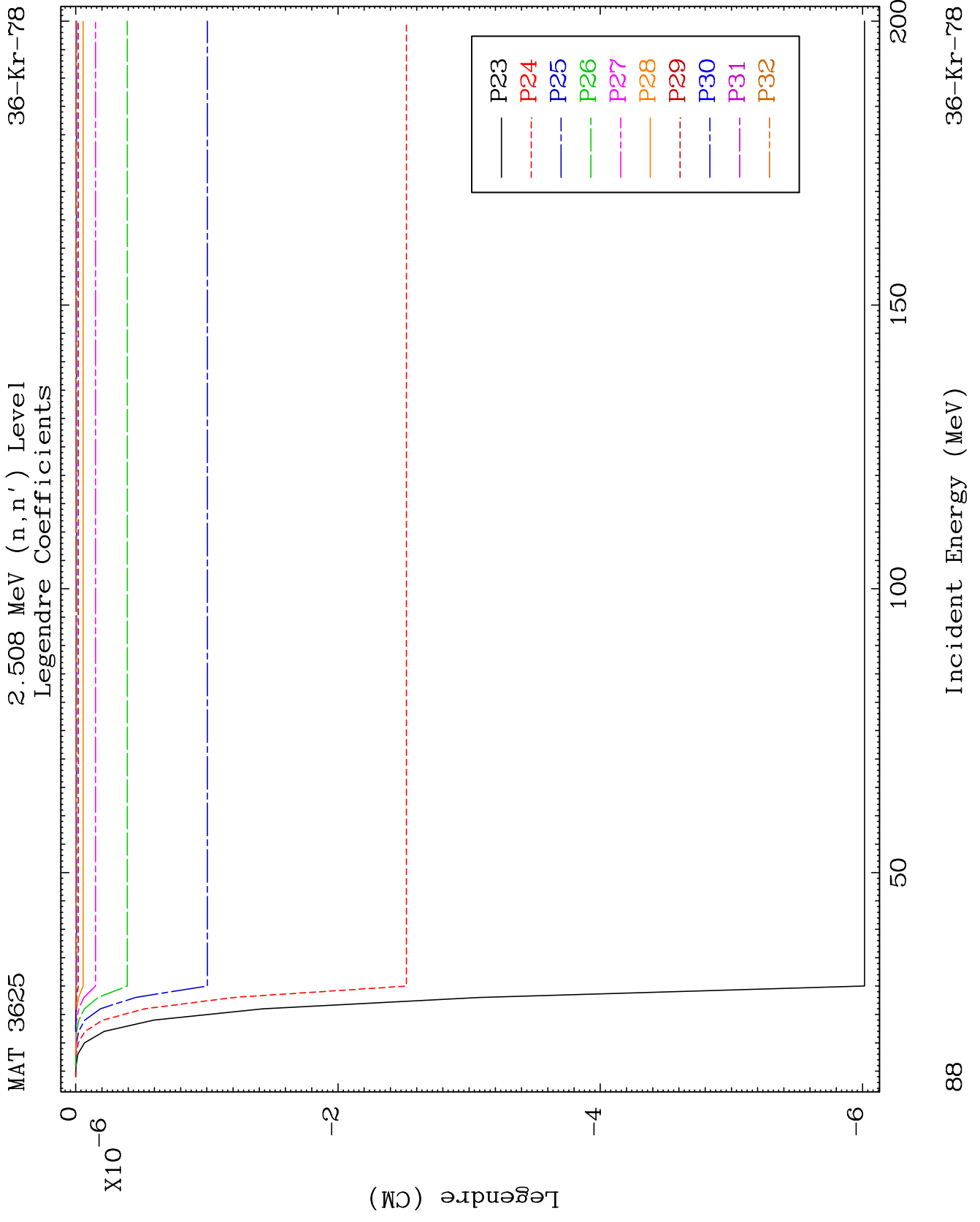








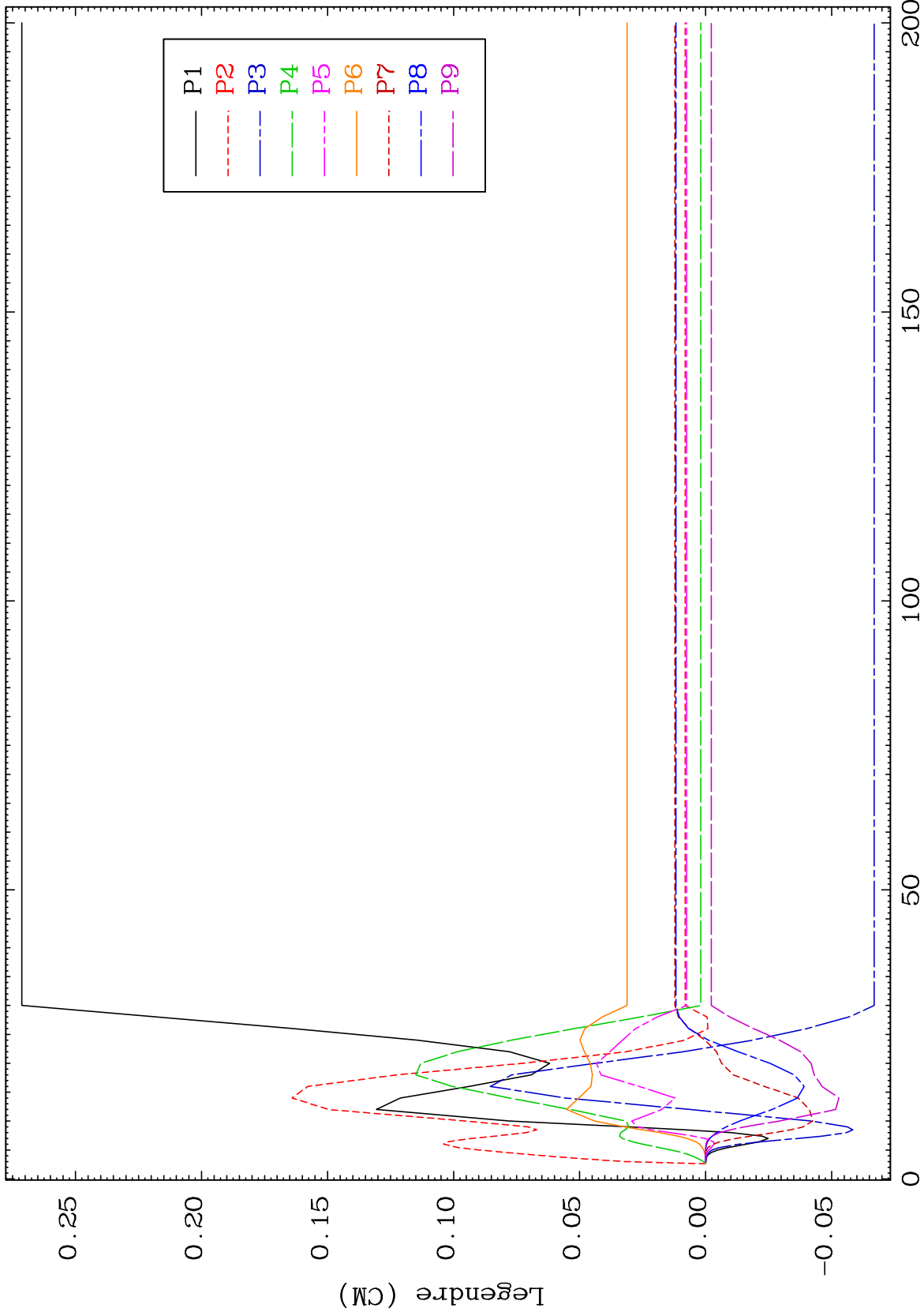




MAT 3625

2.573 MeV (n, n') Level
Legendre Coefficients

36-Kr-78



89

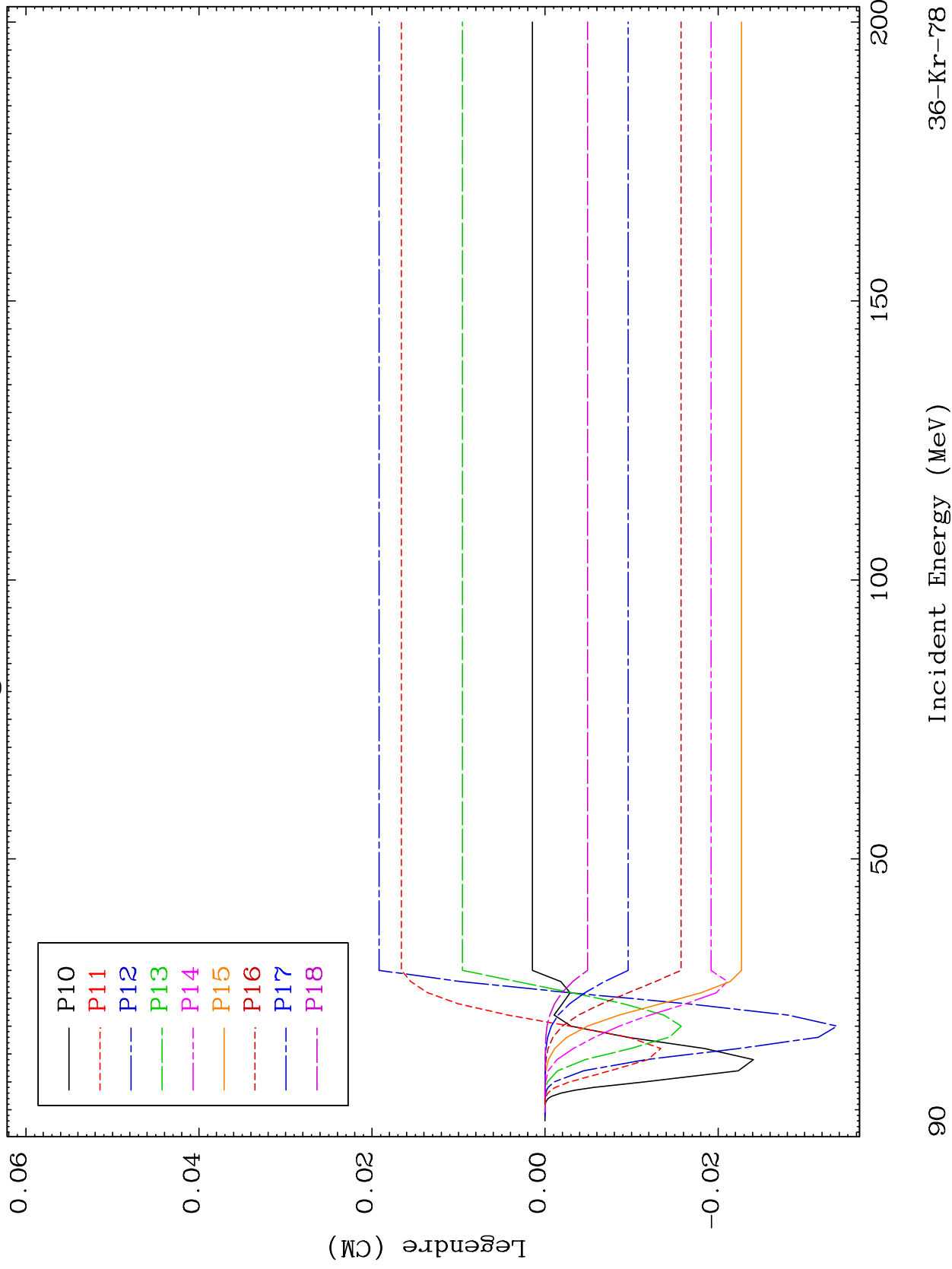
Incident Energy (MeV)

36-Kr-78

MAT 3625

2.573 MeV (n, n') Level
Legendre Coefficients

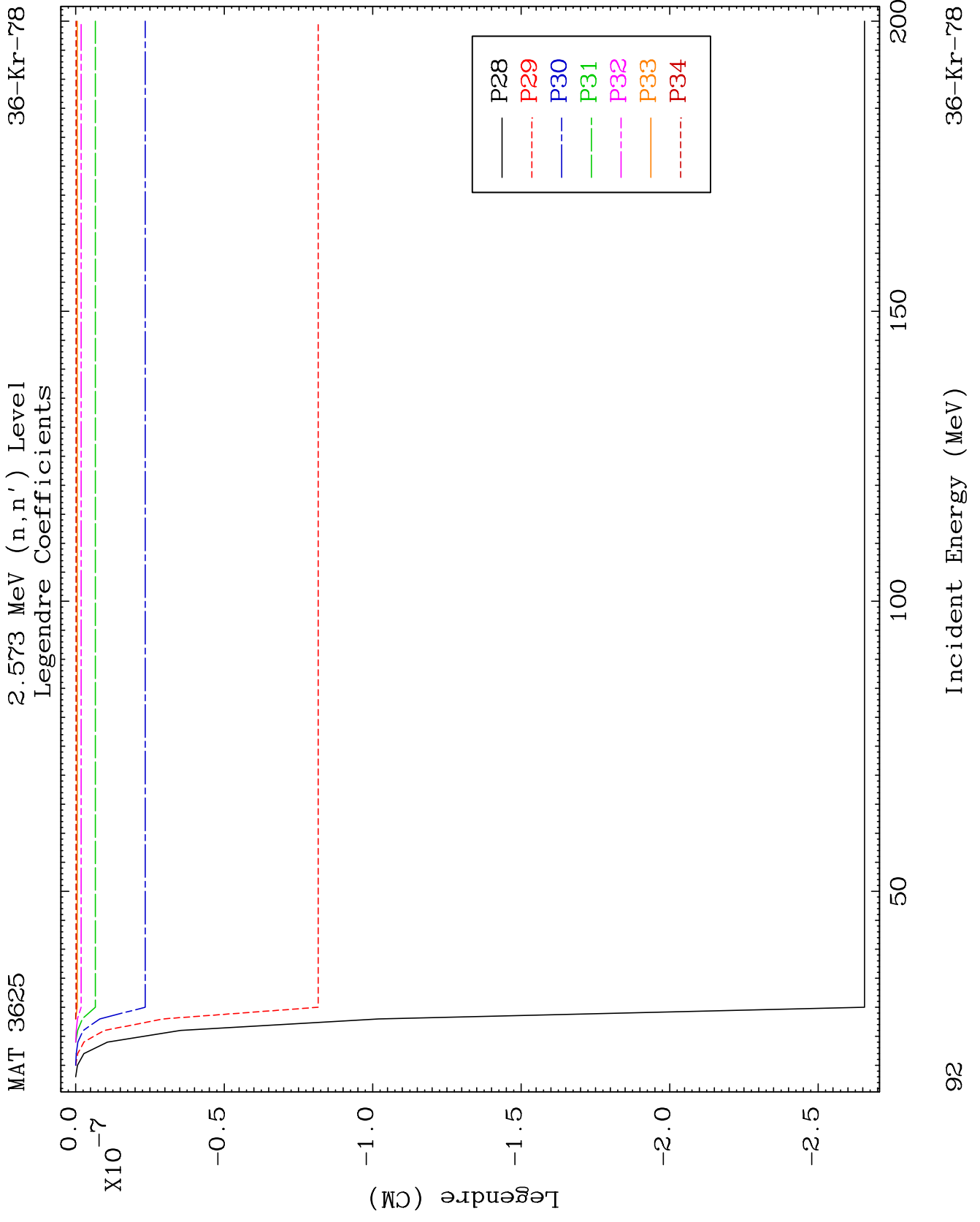
36-Kr-78



90

Incident Energy (MeV)

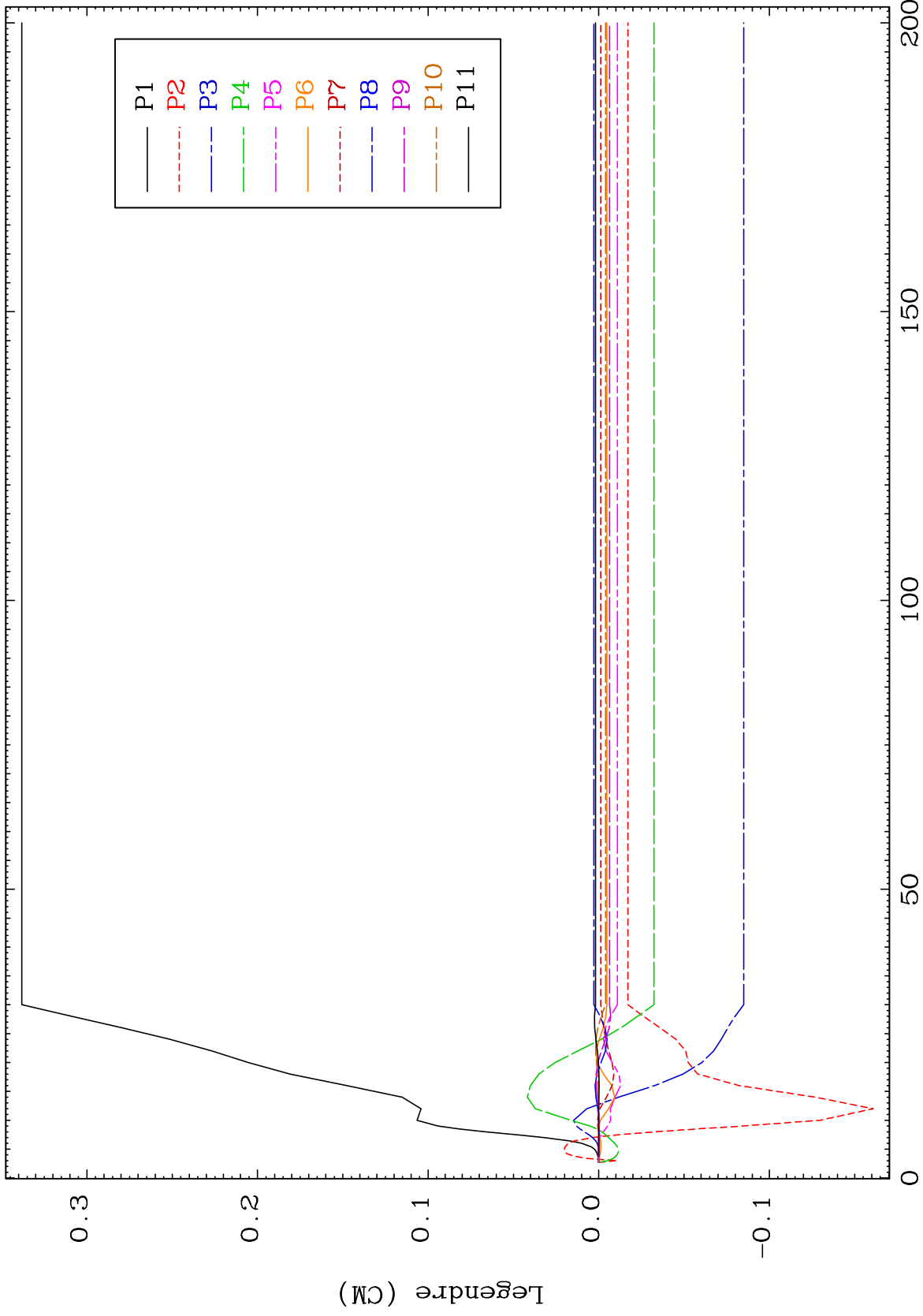
36-Kr-78



MAT 3625

2.656 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



93

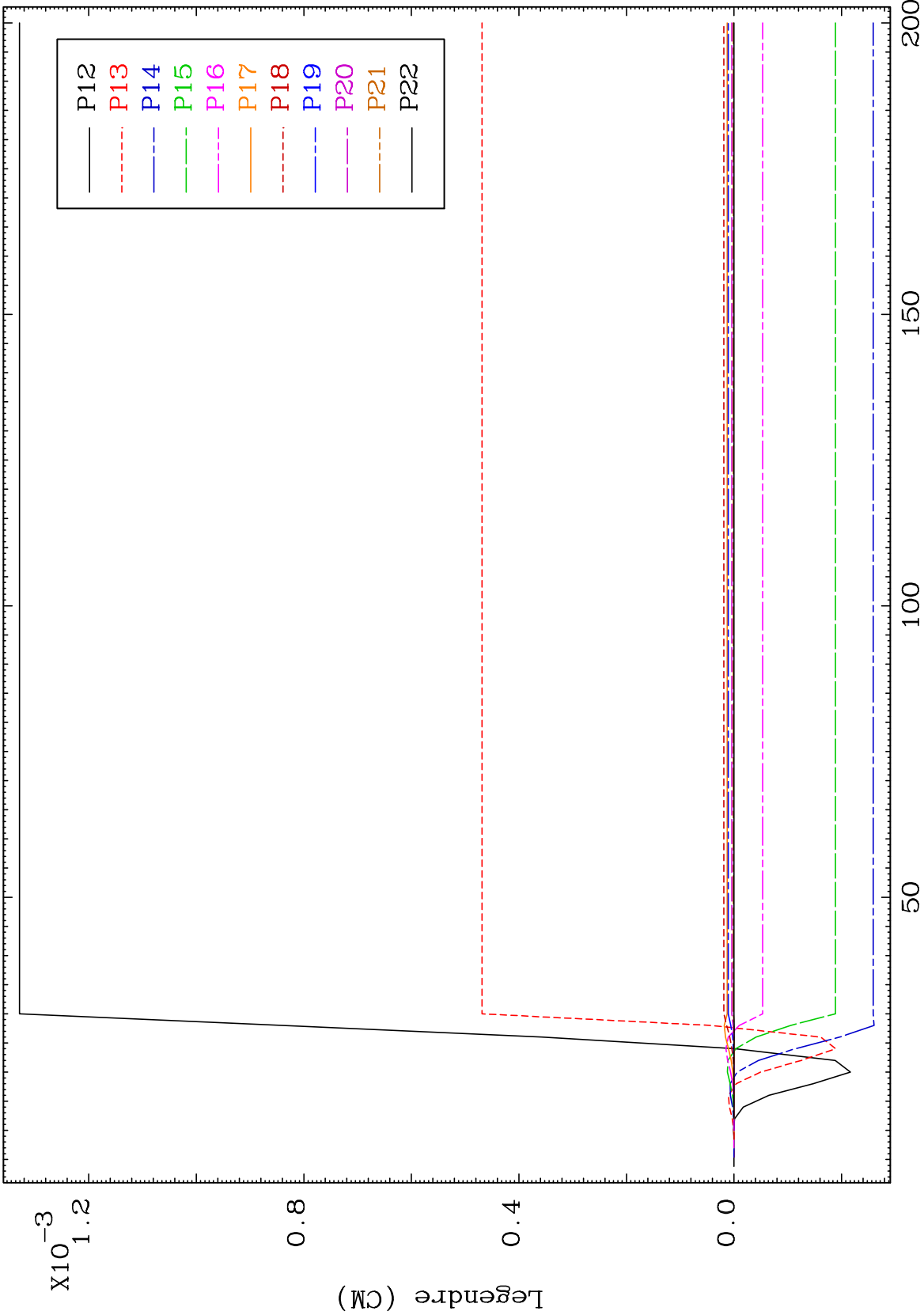
Incident Energy (MeV)

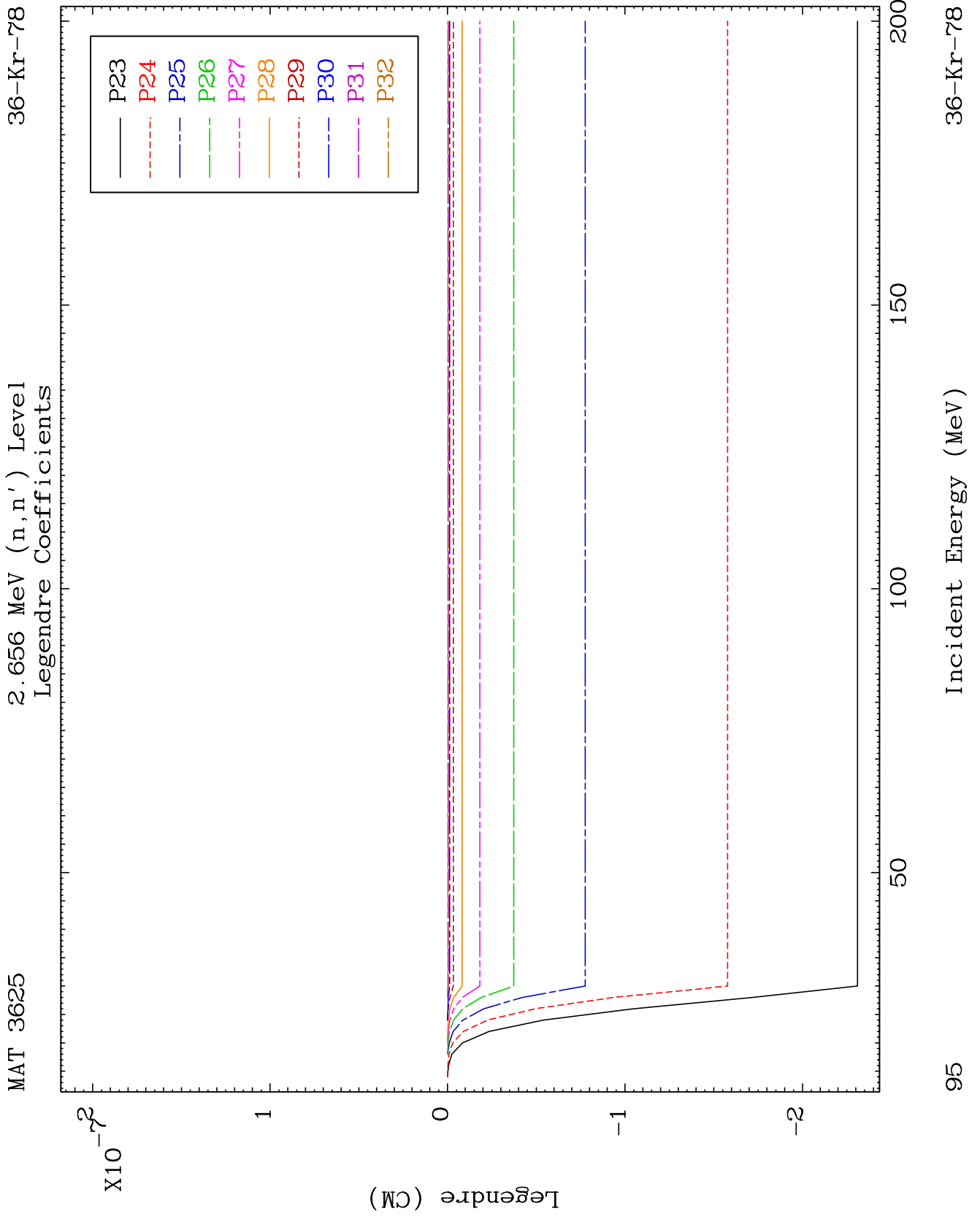
36-Kr-78

MAT 3625

2.656 MeV (n,n') Level
Legendre Coefficients

36-Kr-78

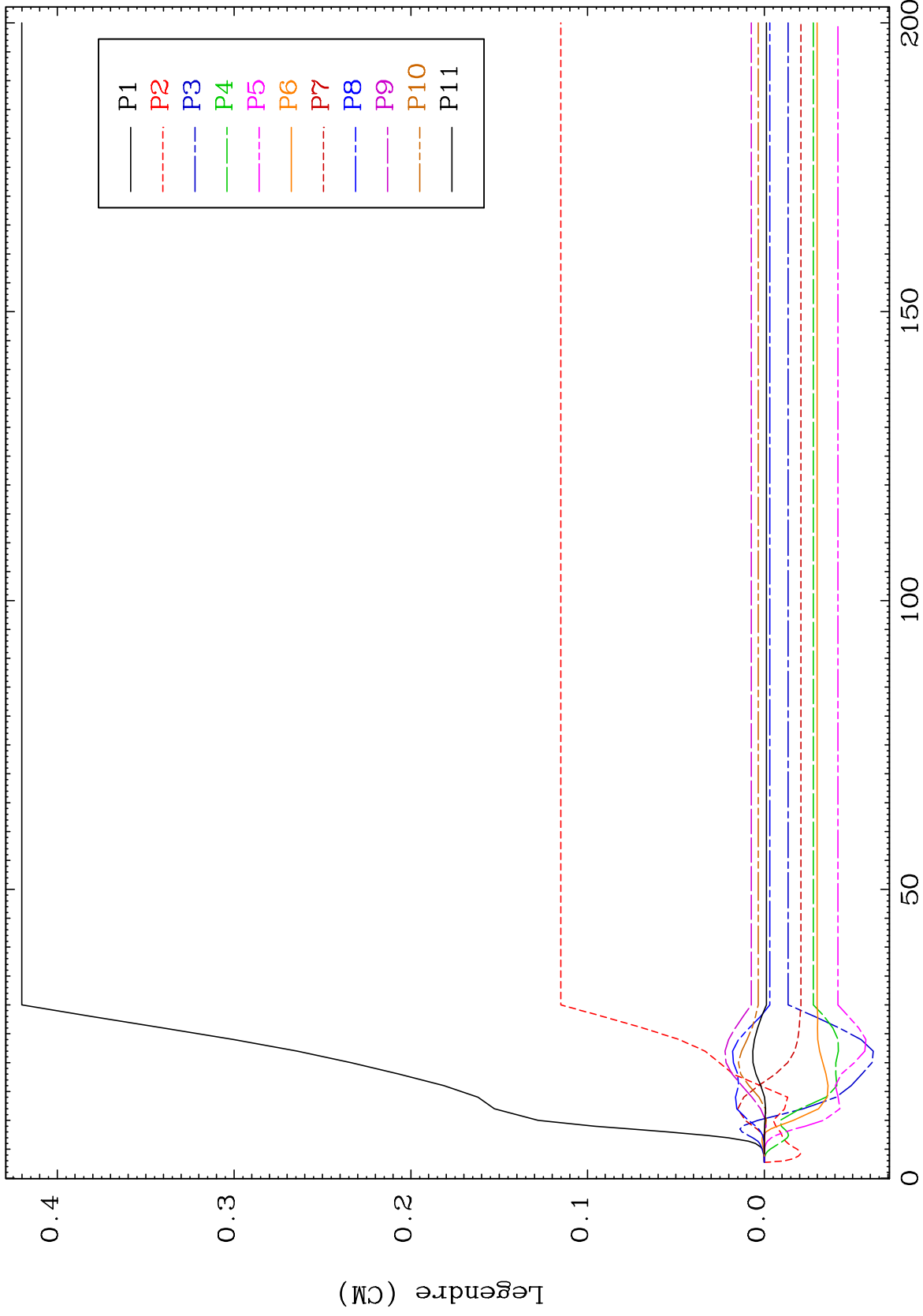




MAT 3625

2.678 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



96

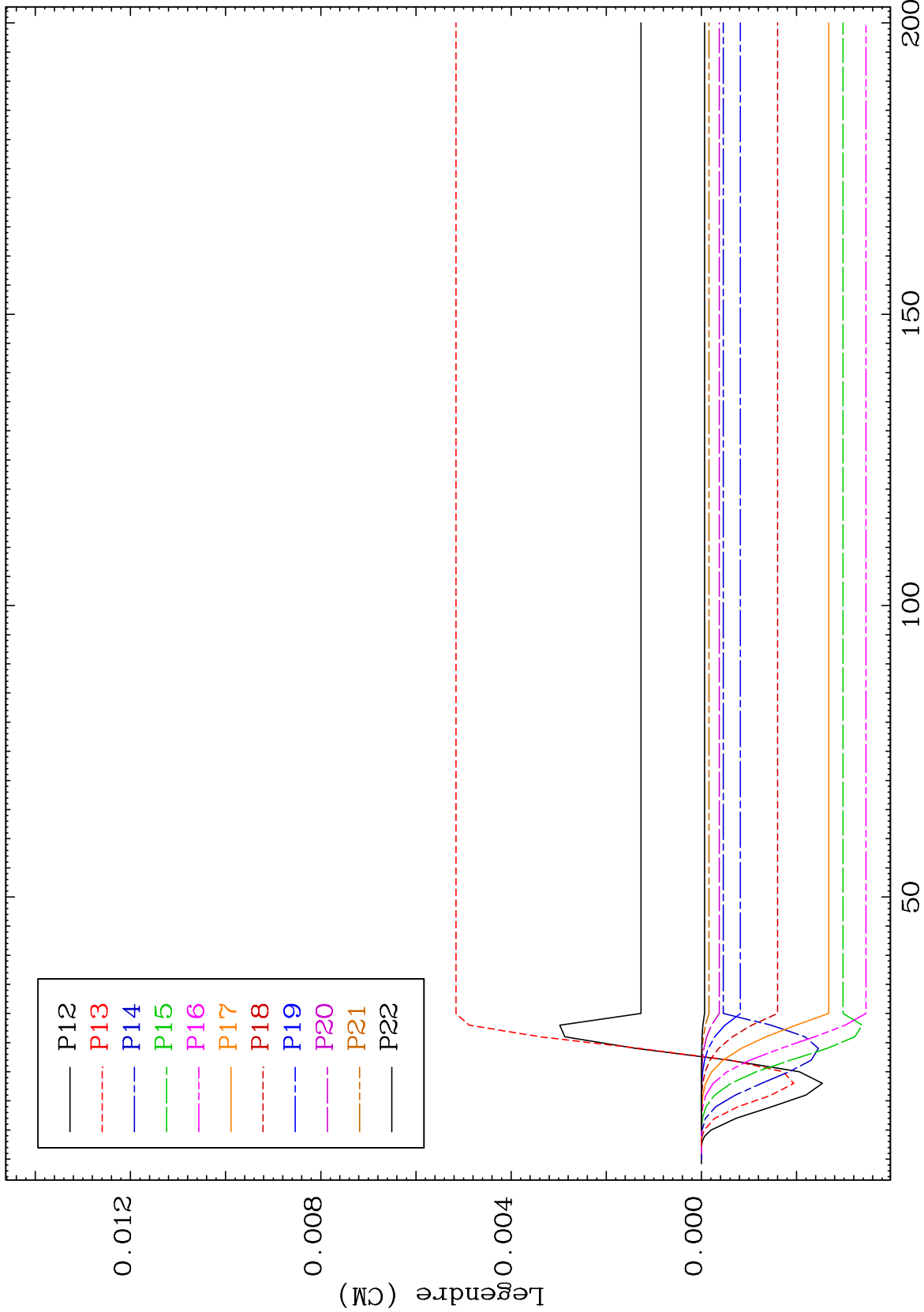
Incident Energy (MeV)

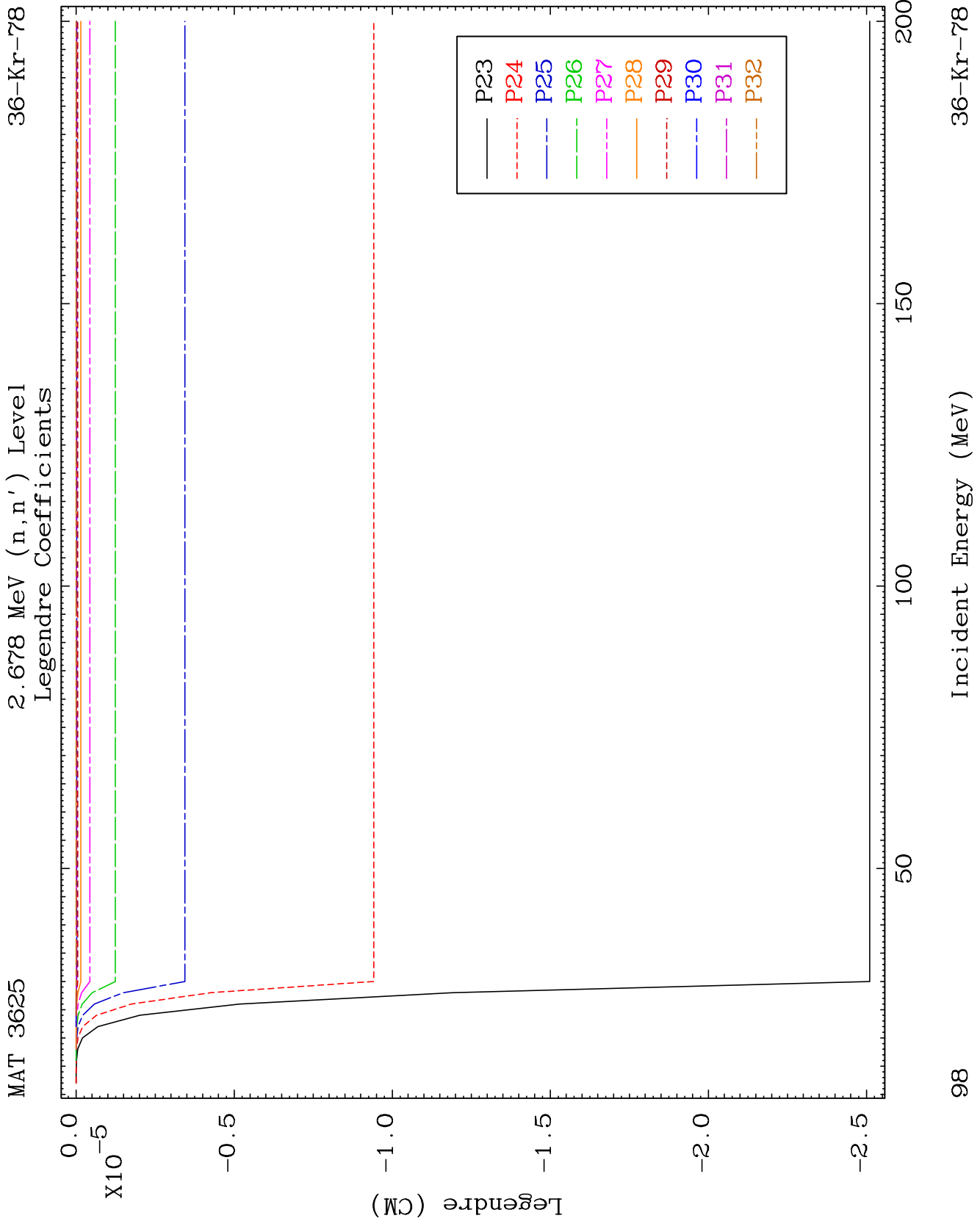
36-Kr-78

MAT 3625

2.678 MeV (n, n') Level
Legendre Coefficients

36-Kr-78

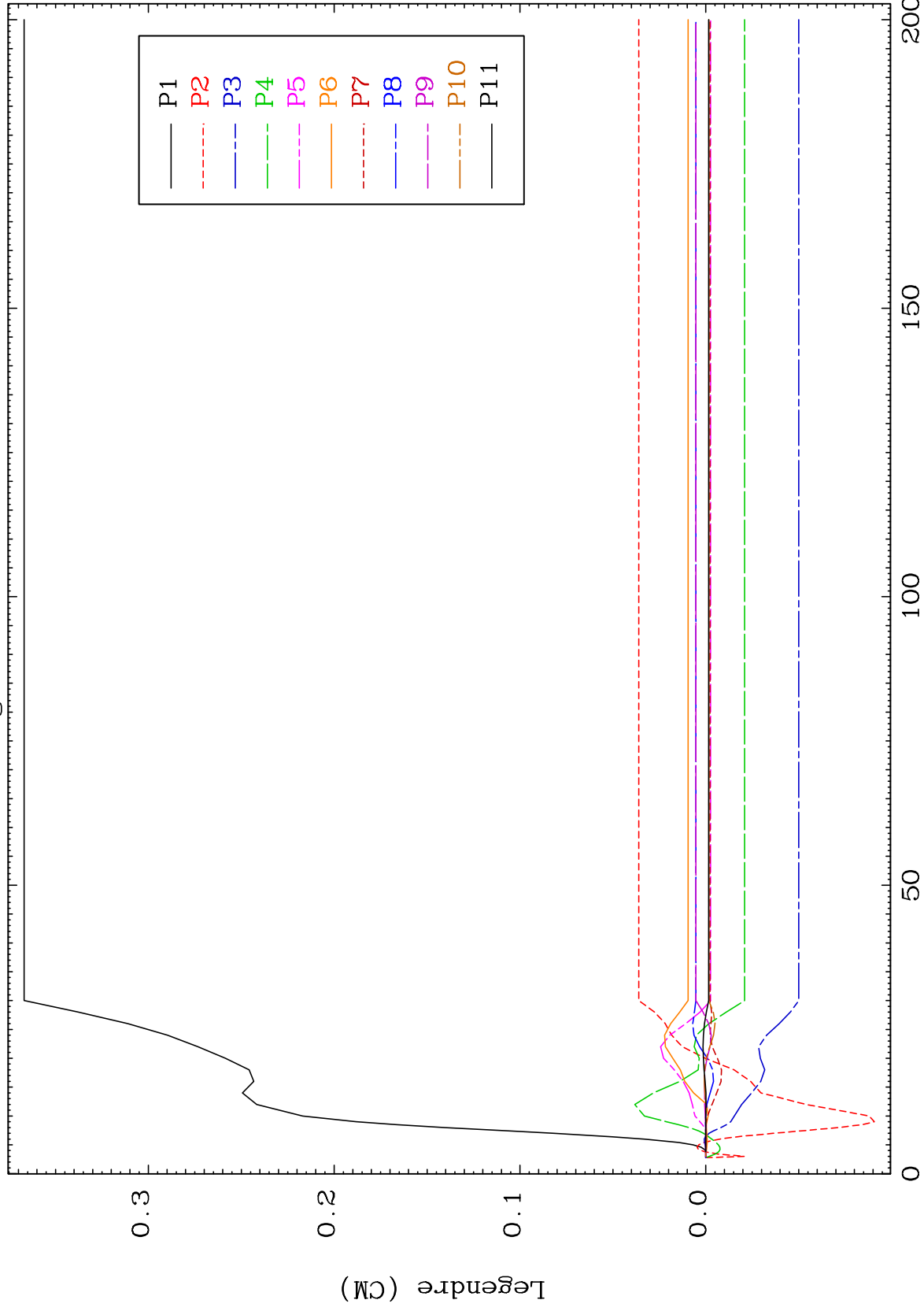




MAT 3625

2.732 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



99

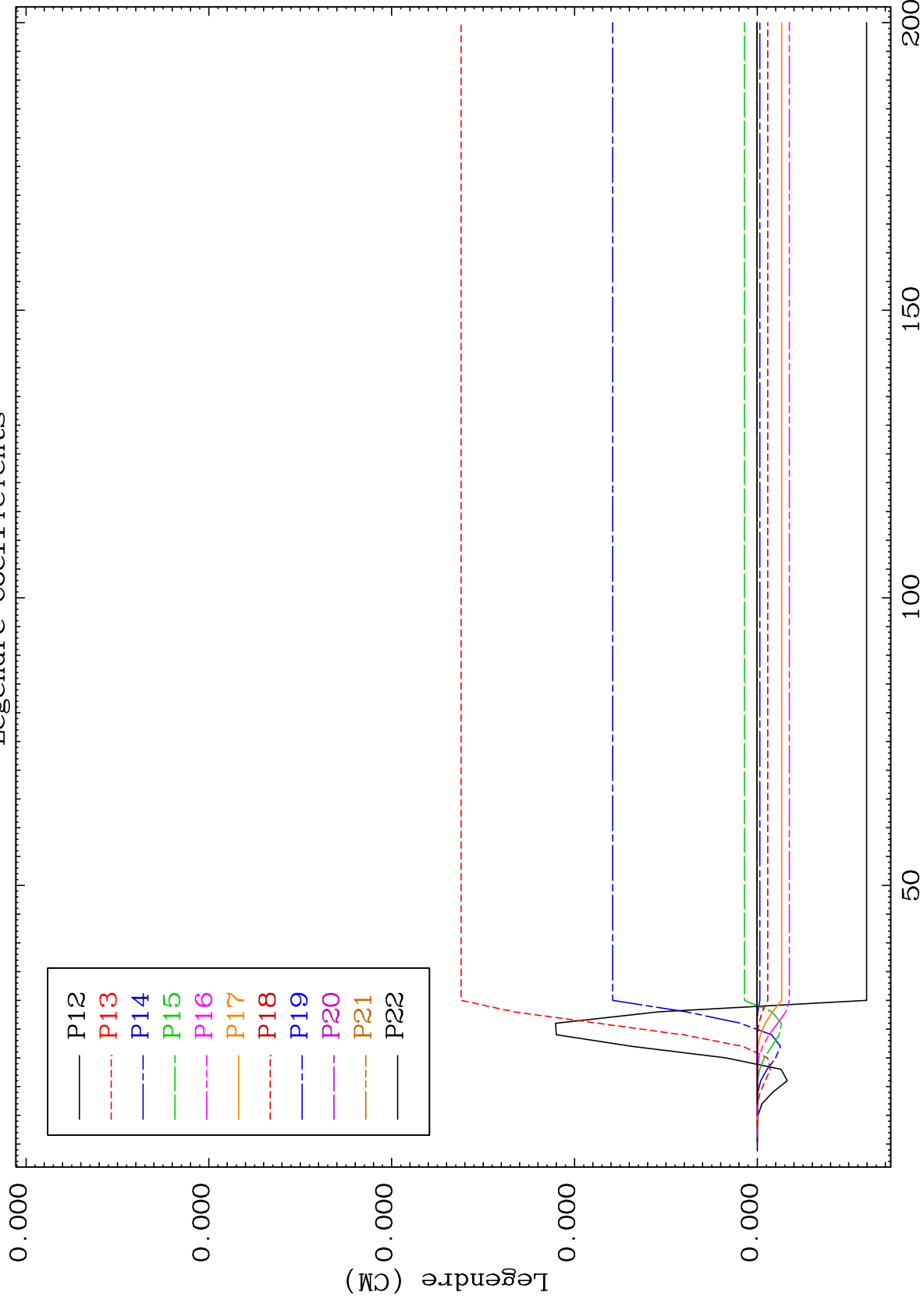
Incident Energy (MeV)

36-Kr-78

MAT 3625

2.732 MeV (n,n') Level
Legendre Coefficients

36-Kr-78



100

Incident Energy (MeV)

50

100

150

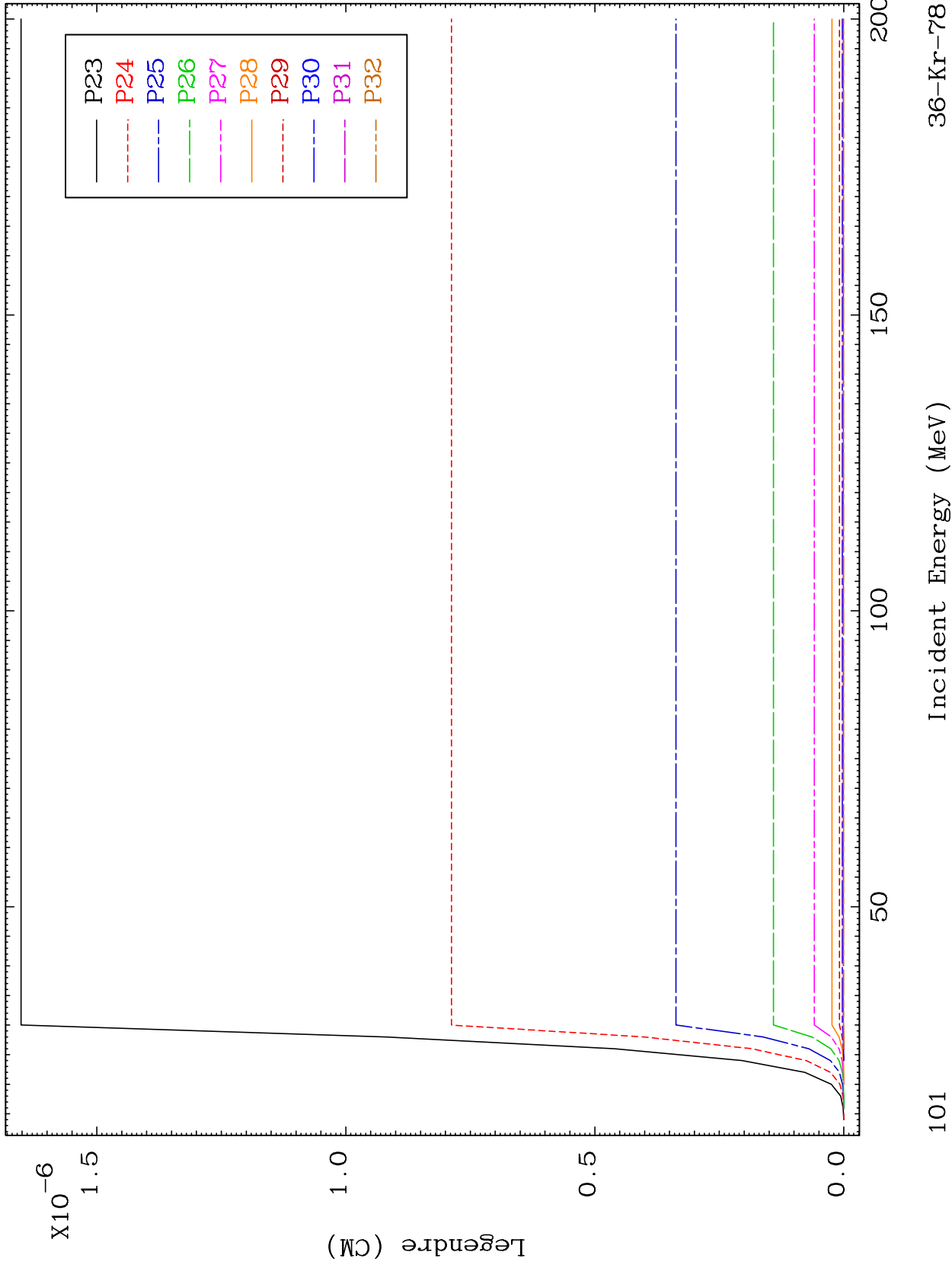
200

36-Kr-78

MAT 3625

2.732 MeV (n,n') Level
Legendre Coefficients

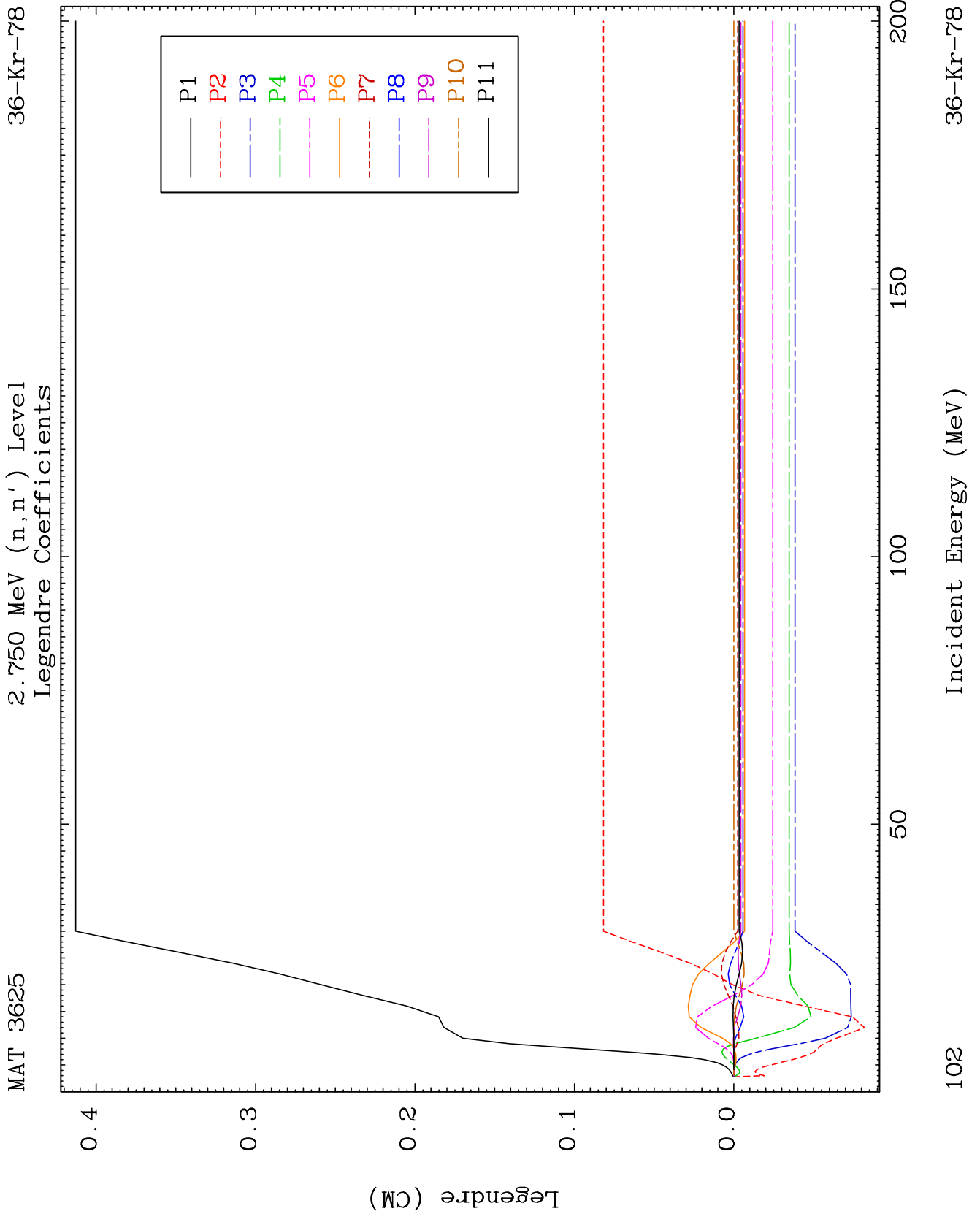
36-Kr-78

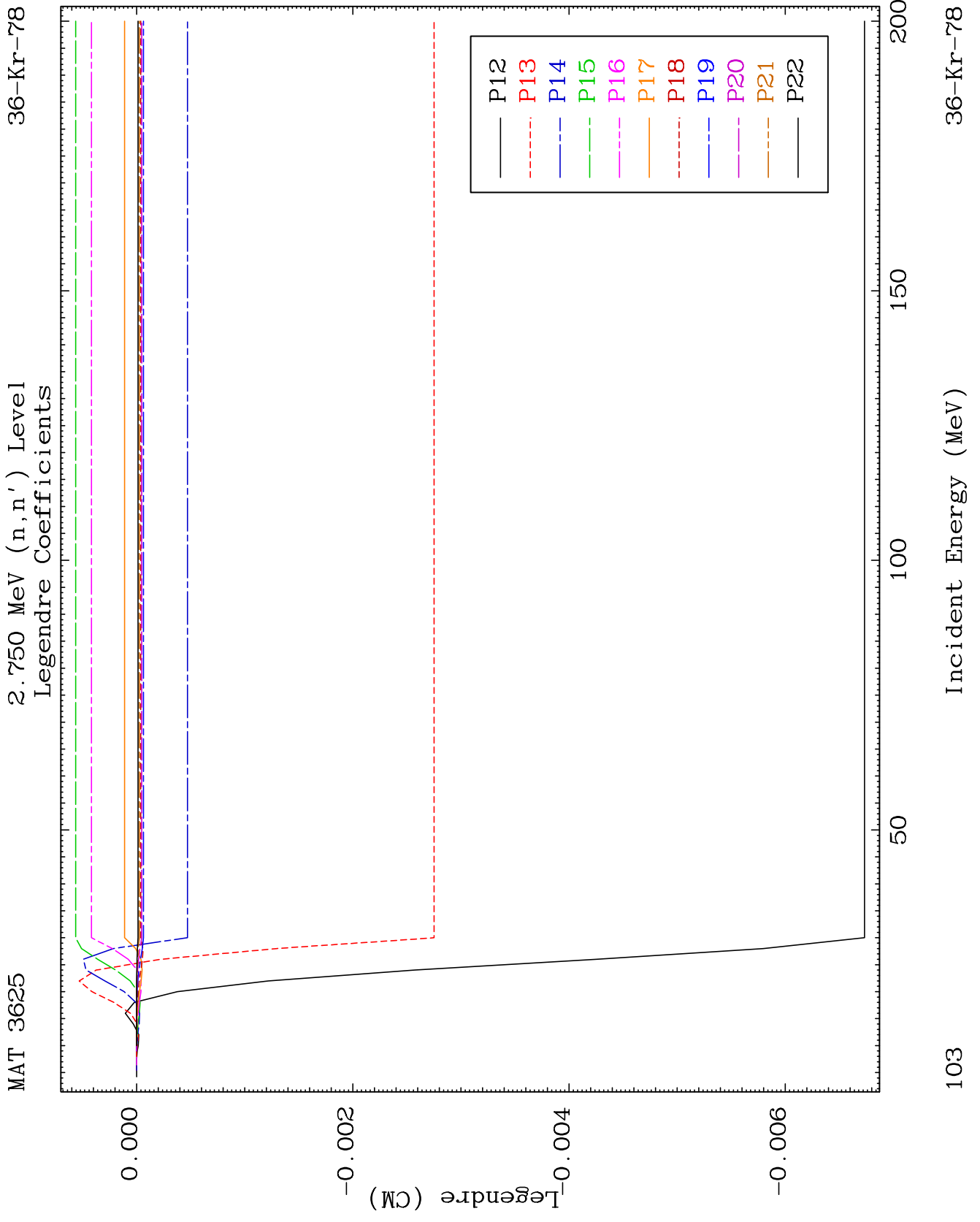


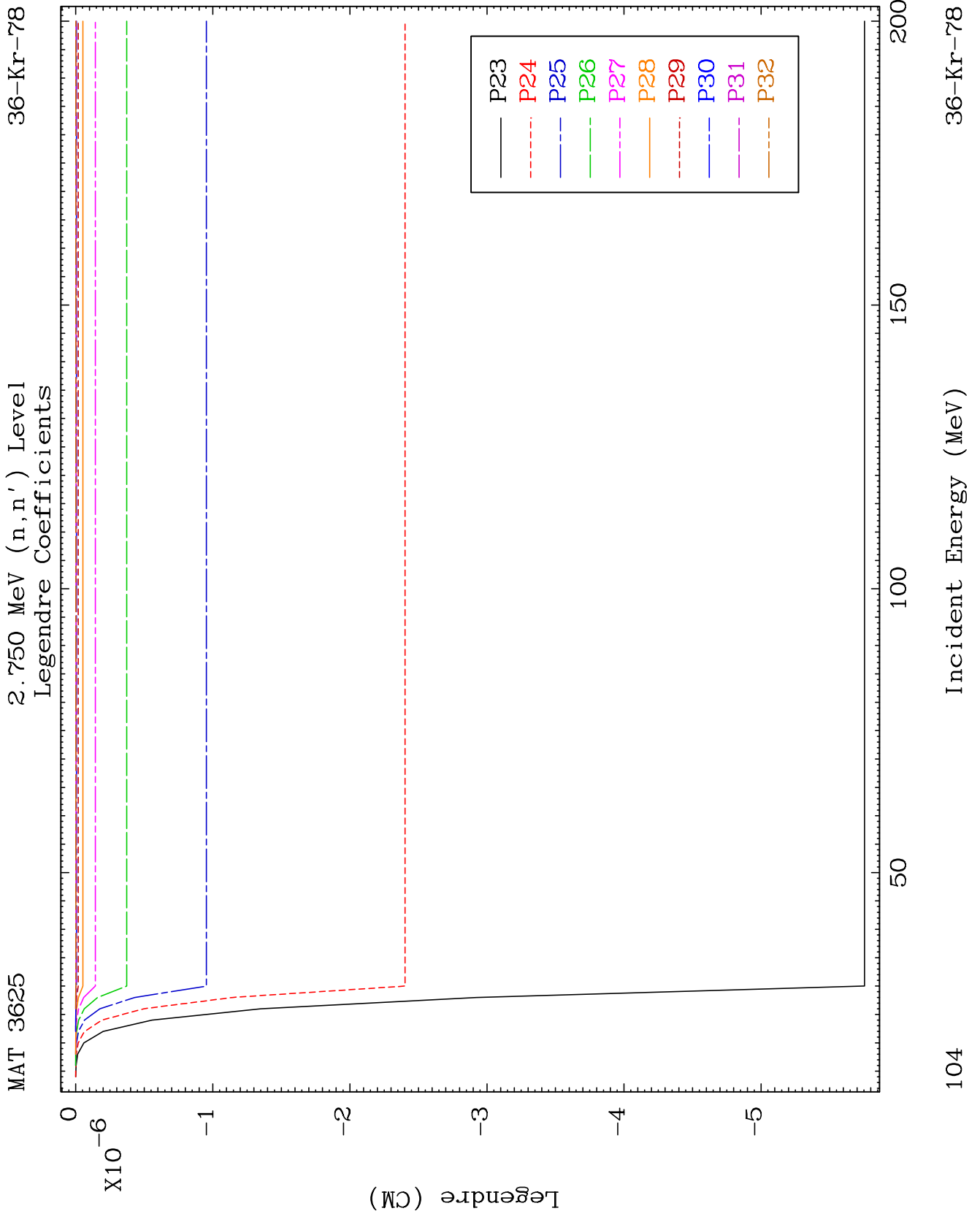
101

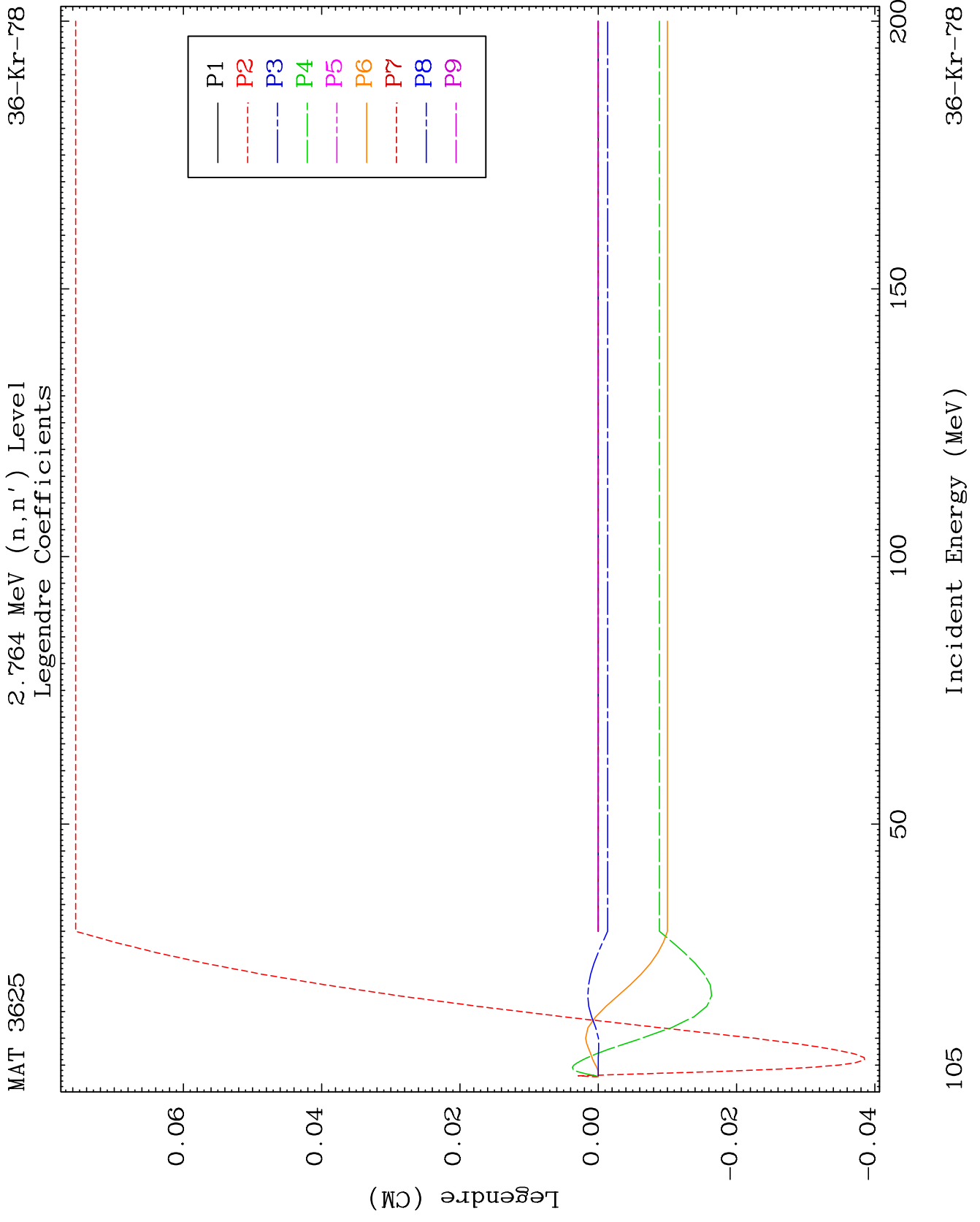
Incident Energy (MeV)

36-Kr-78





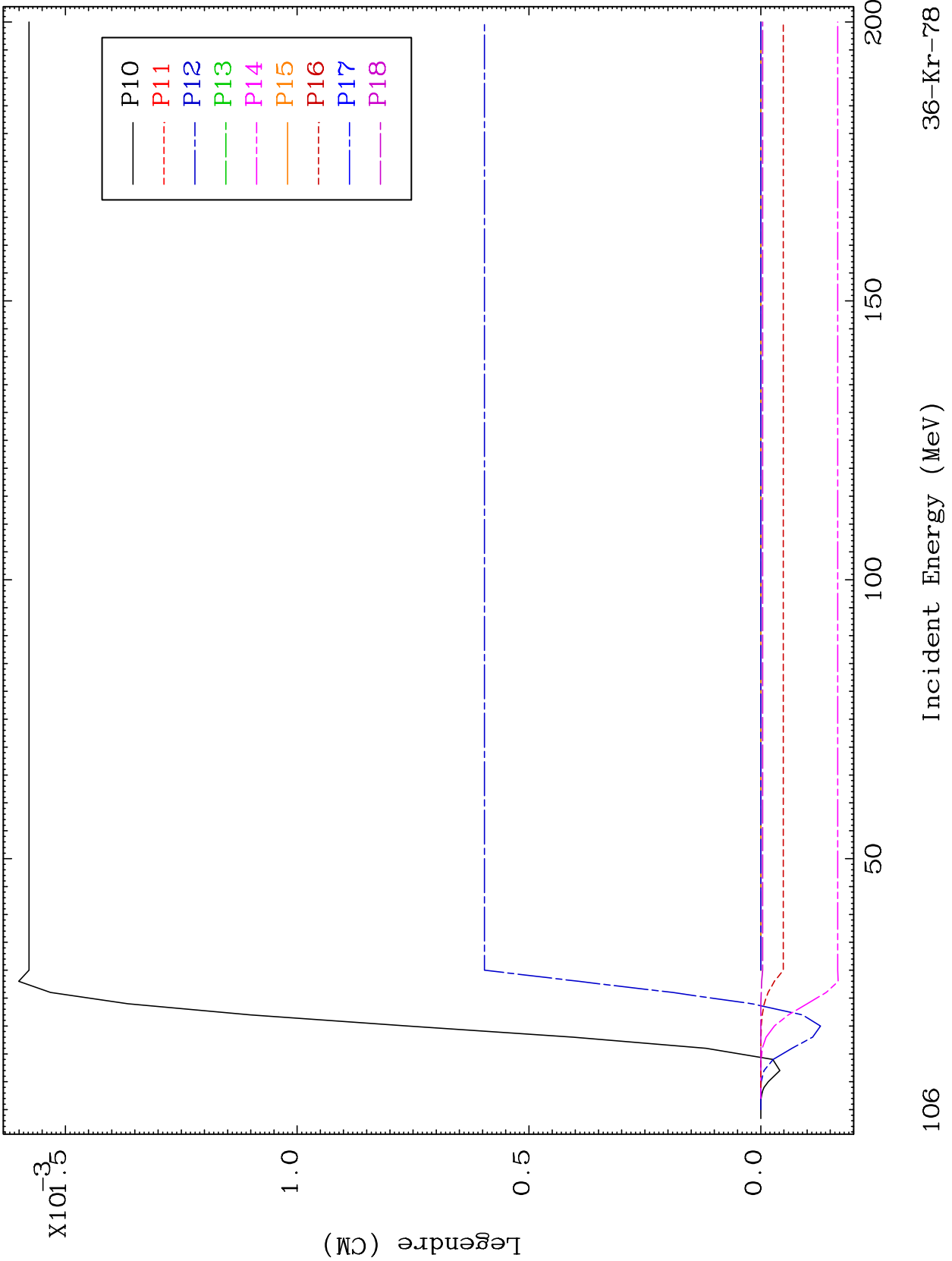




MAT 3625

2.764 MeV (n,n') Level
Legendre Coefficients

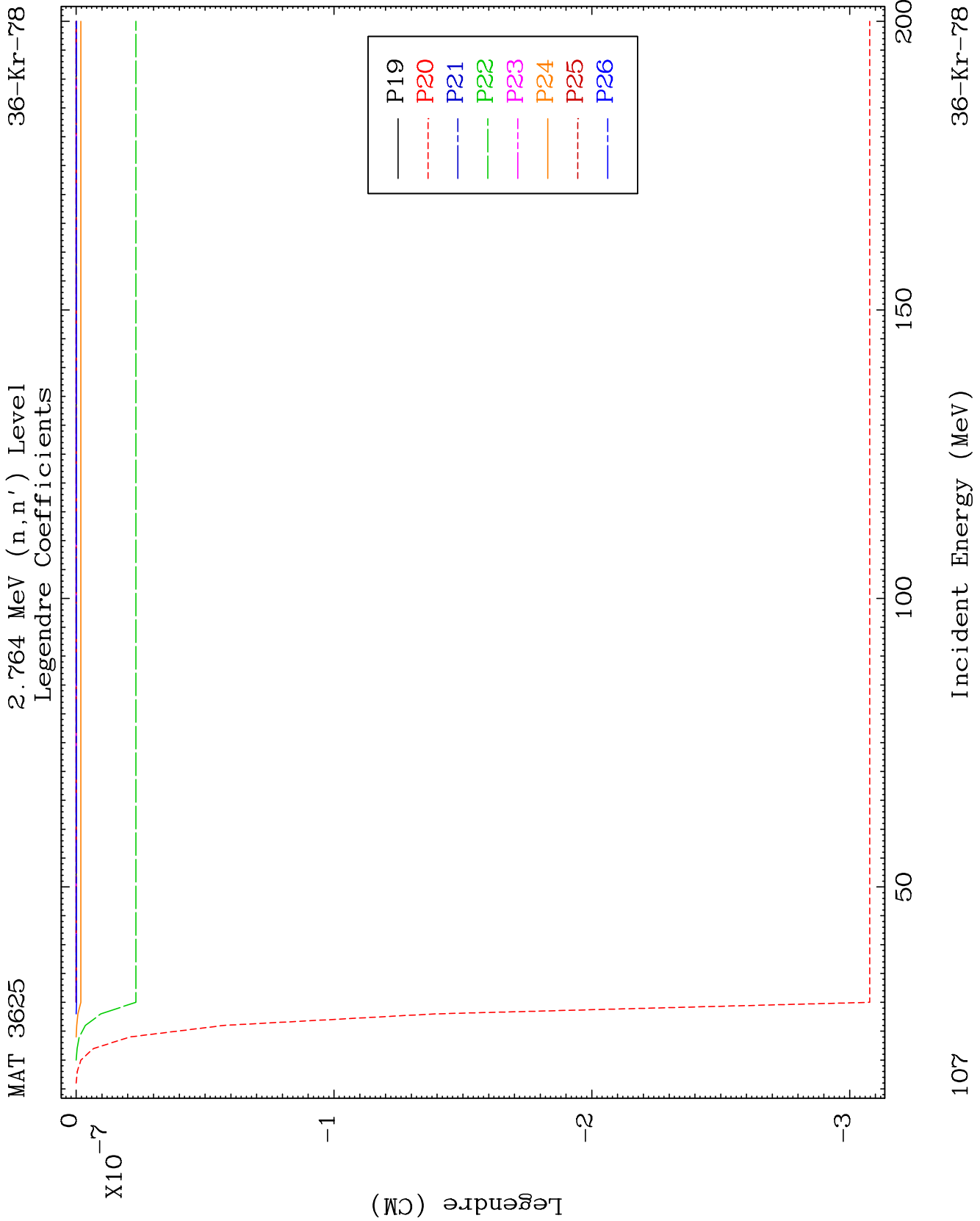
36-Kr-78



106

Incident Energy (MeV)

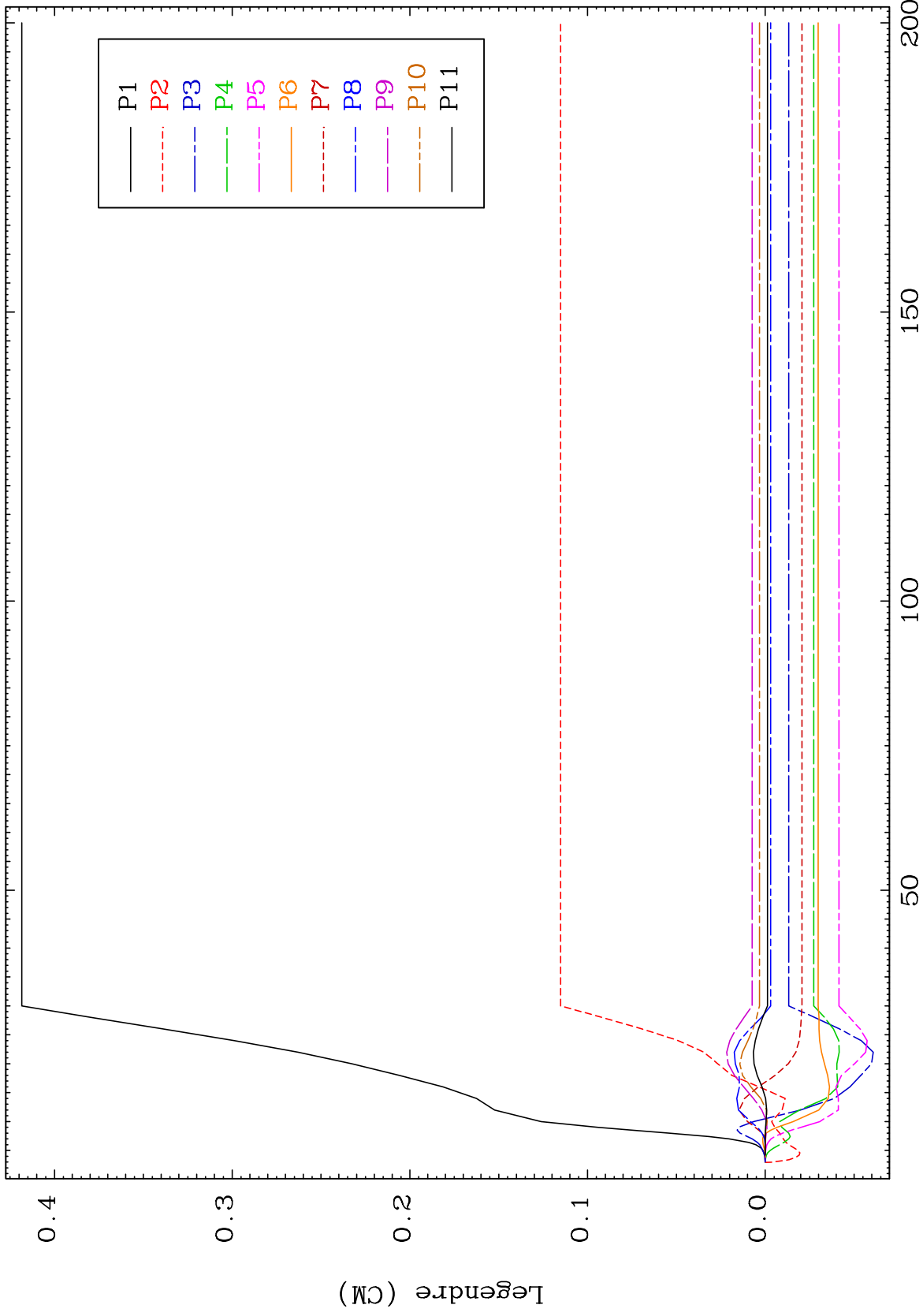
36-Kr-78



MAT 3625

2.882 MeV (n,n') Level
Legendre Coefficients

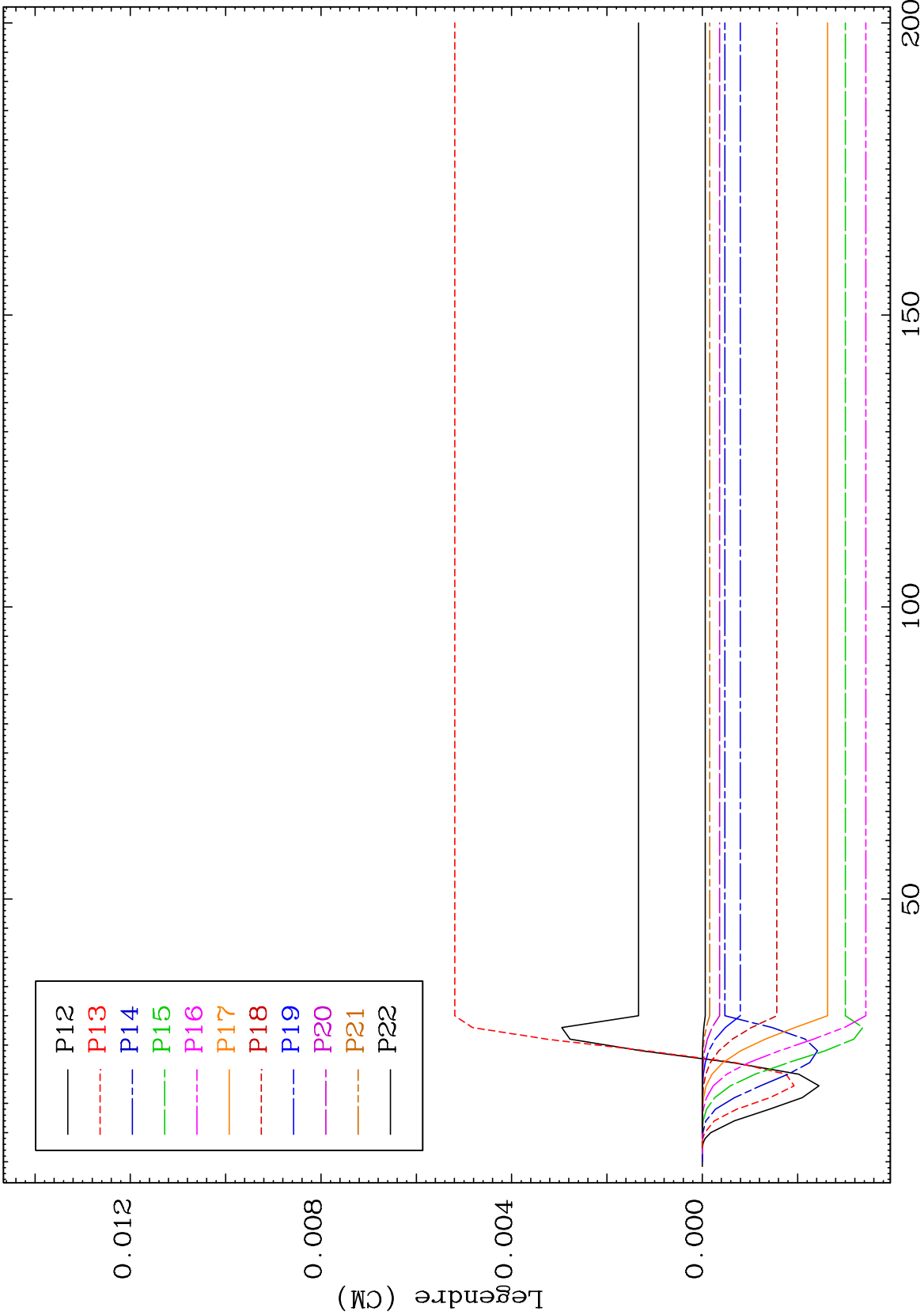
36-Kr-78

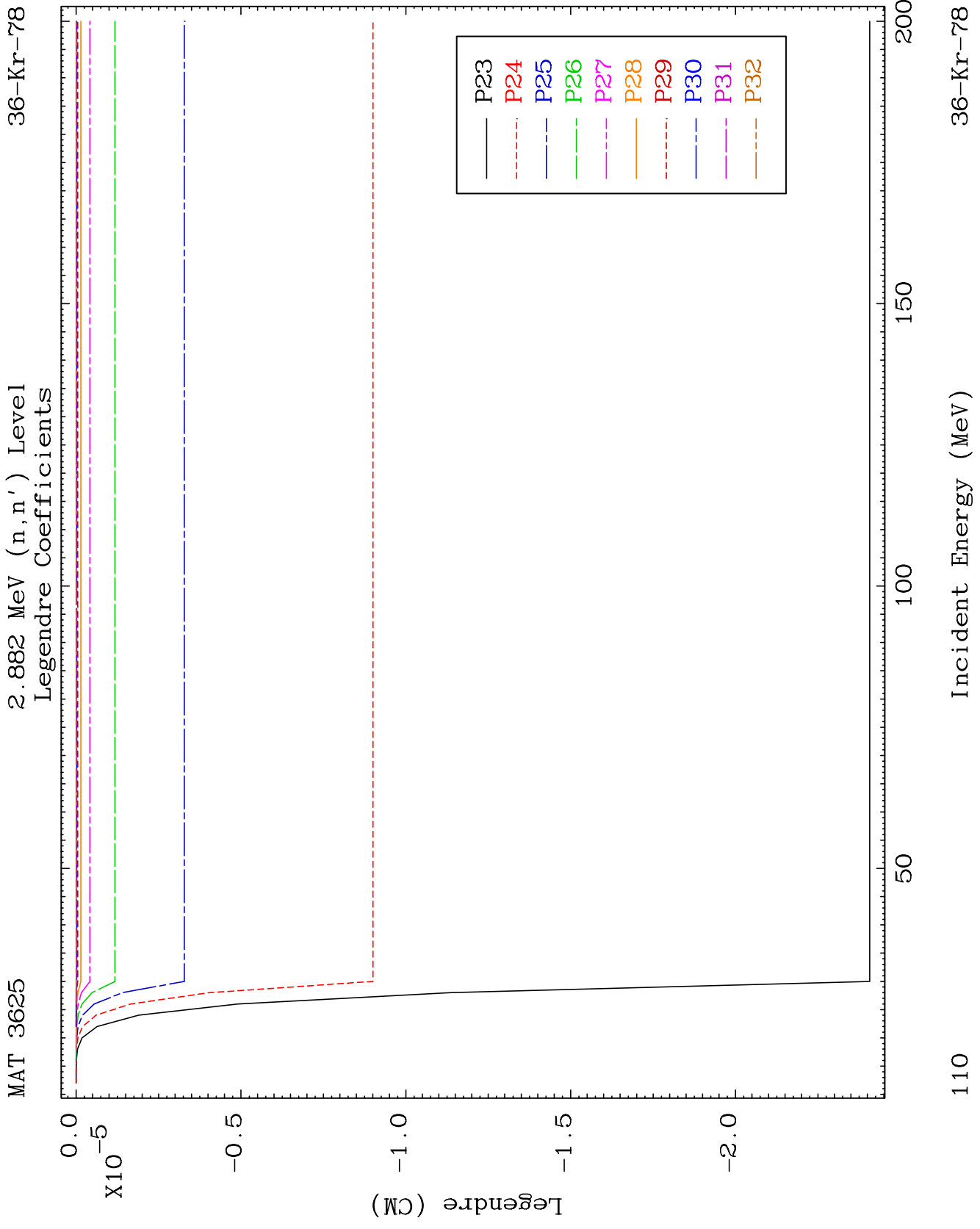


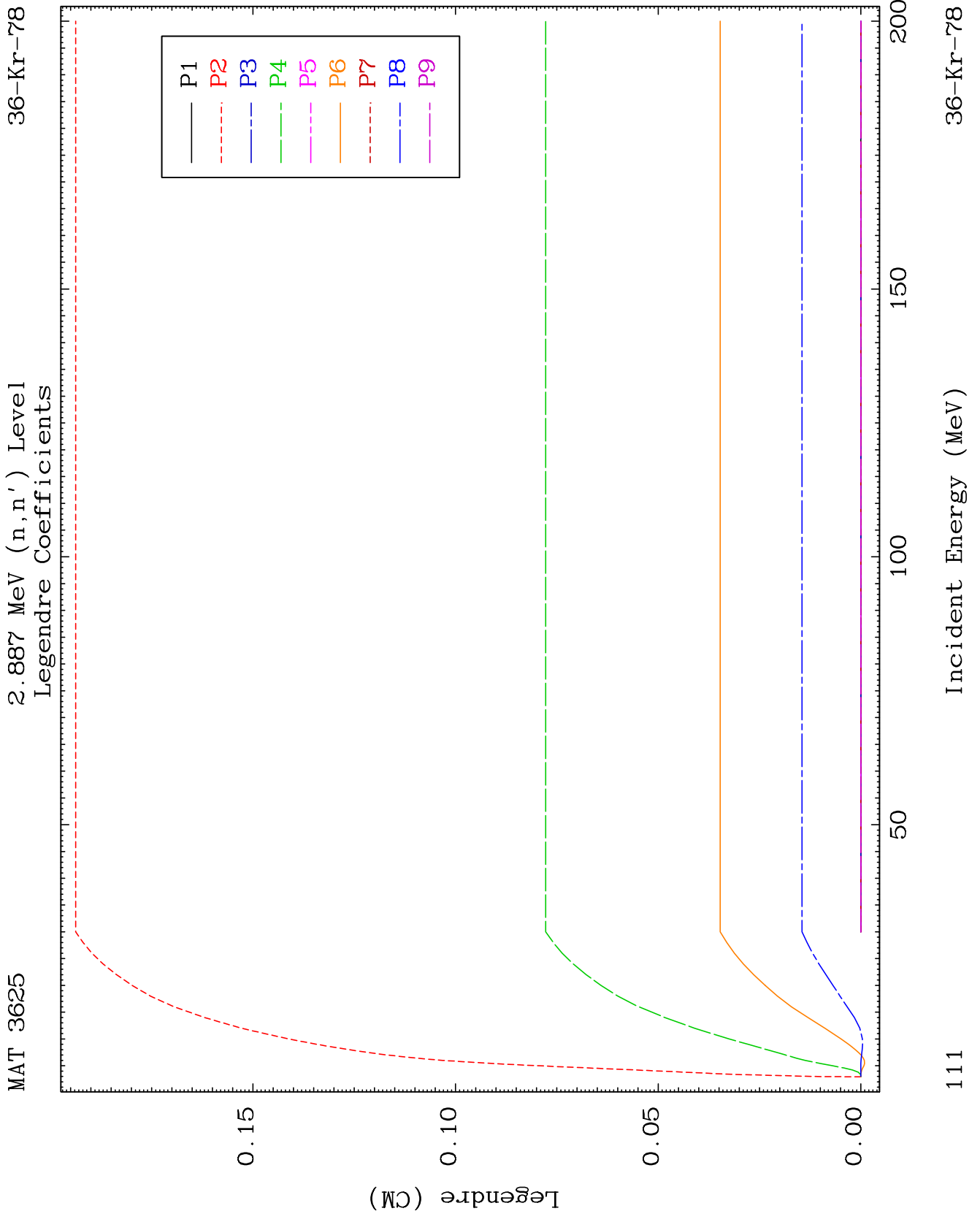
108

Incident Energy (MeV)

36-Kr-78



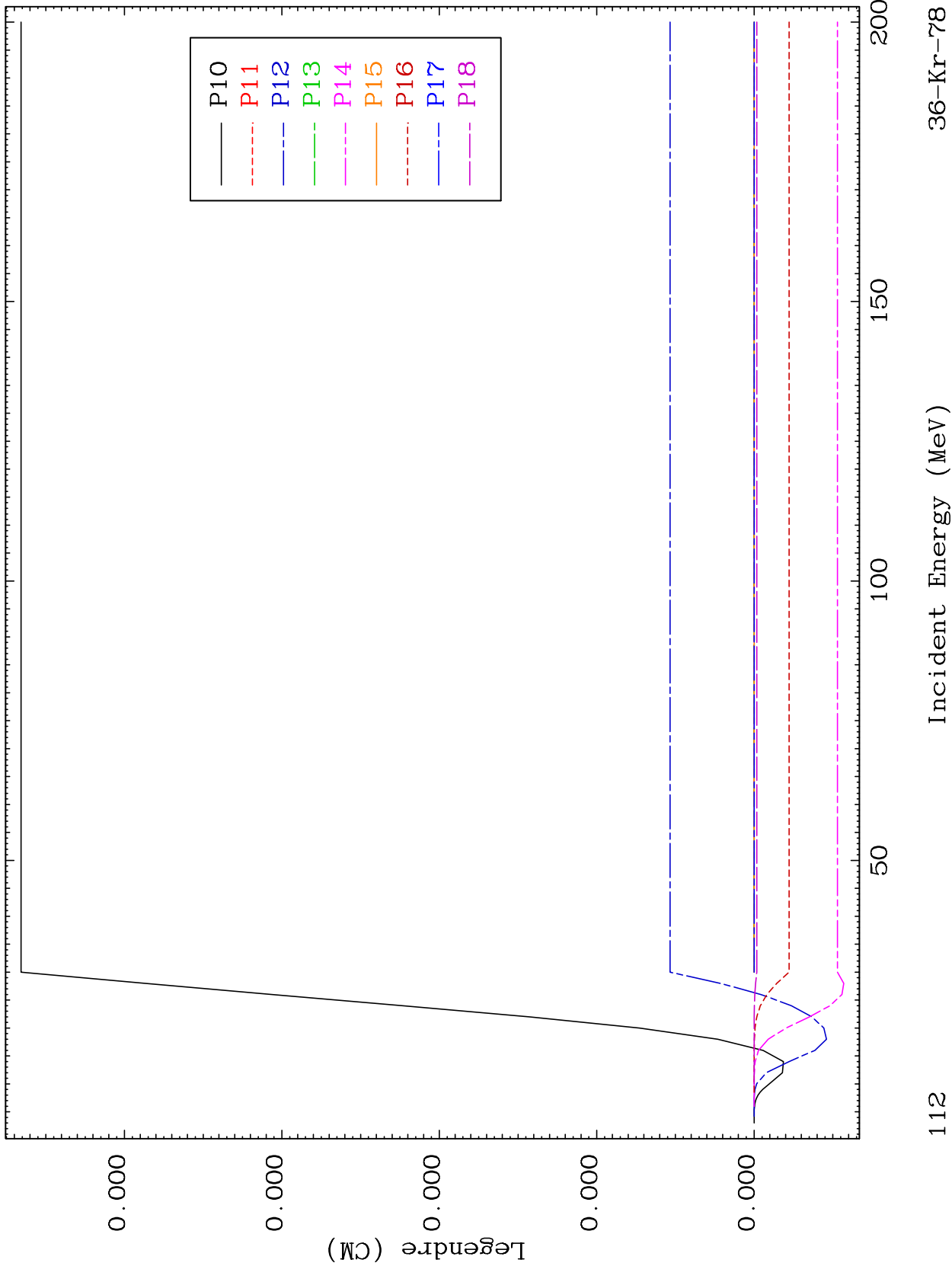




MAT 3625

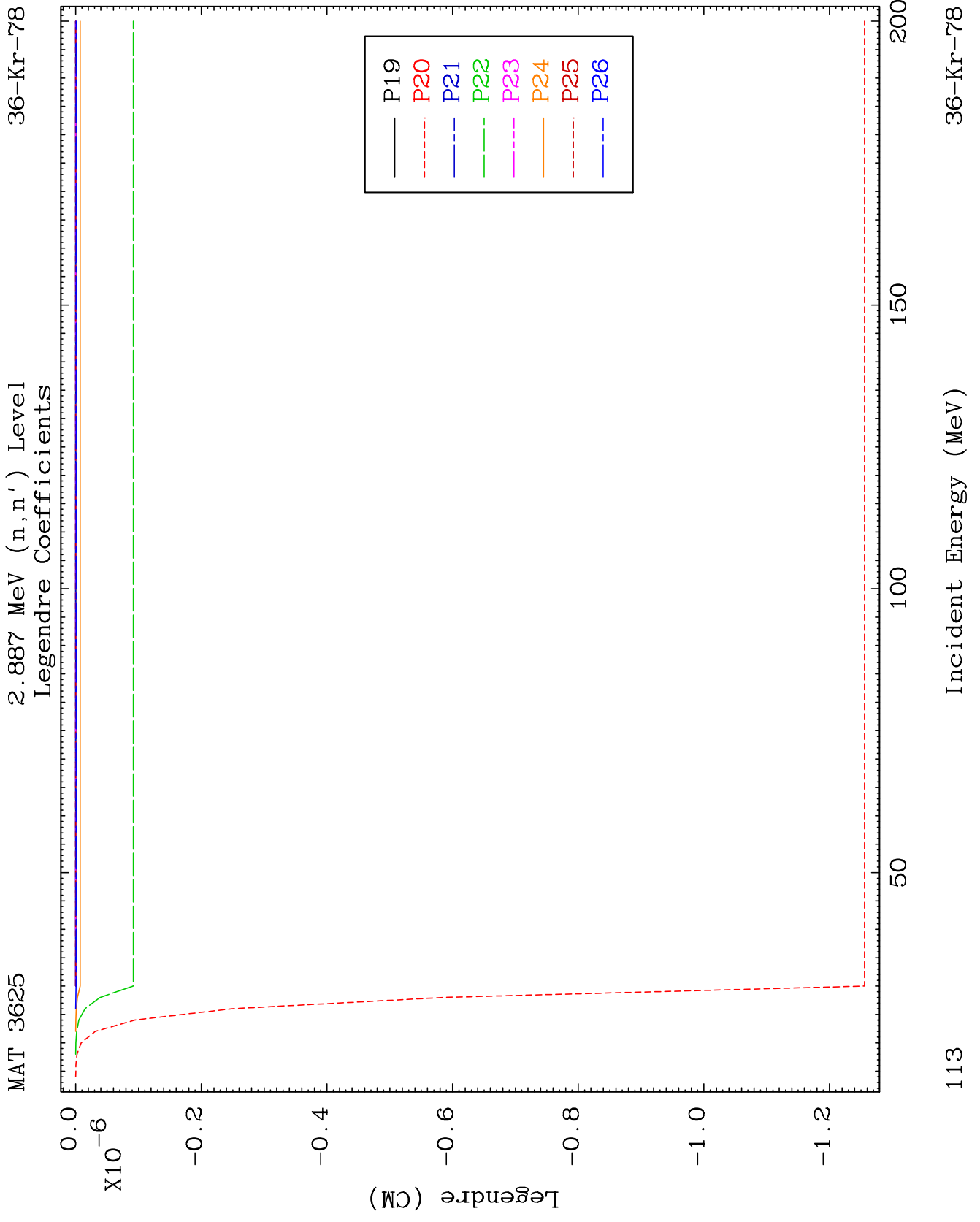
2.887 MeV (n,n') Level
Legendre Coefficients

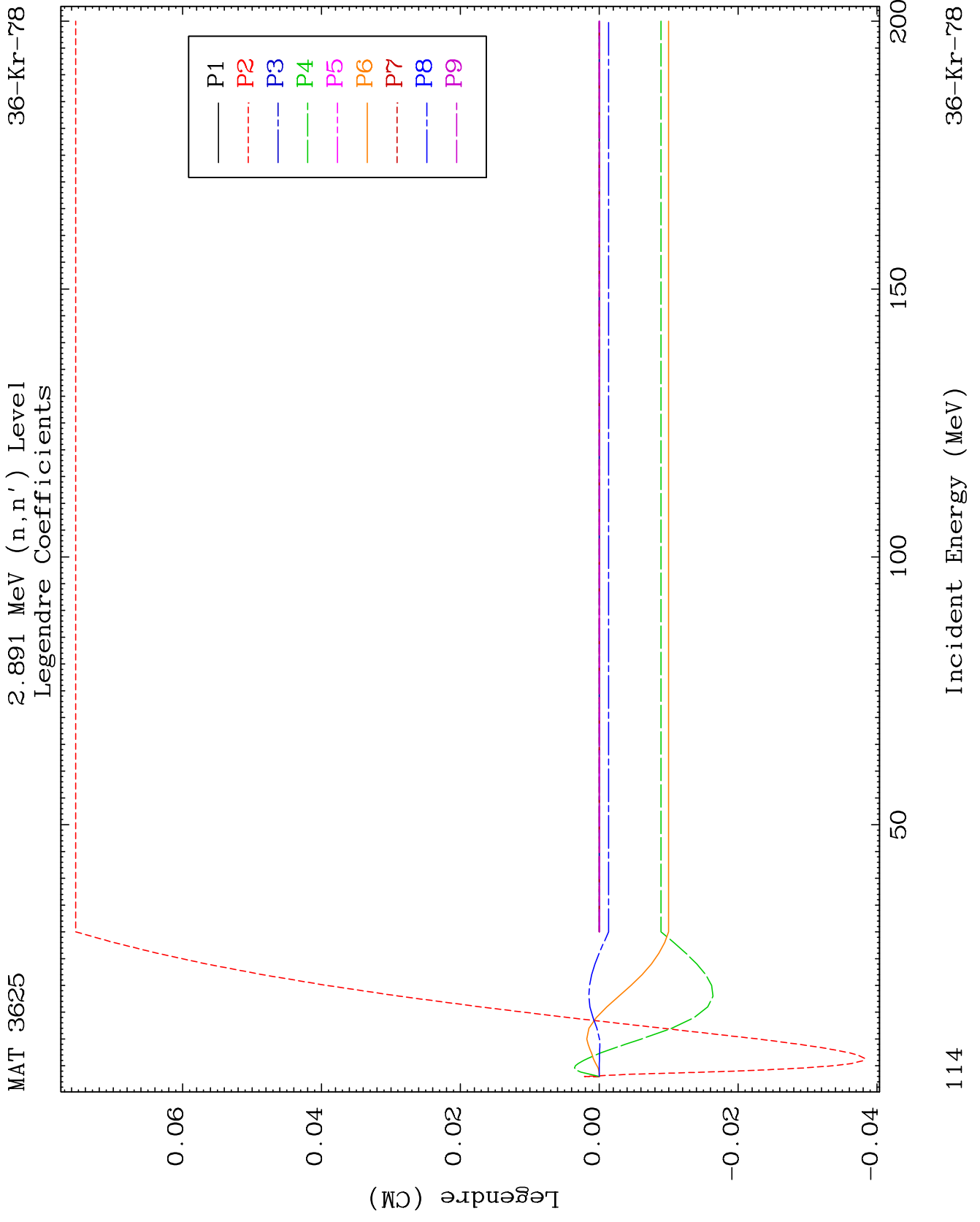
36-Kr-78



112

36-Kr-78

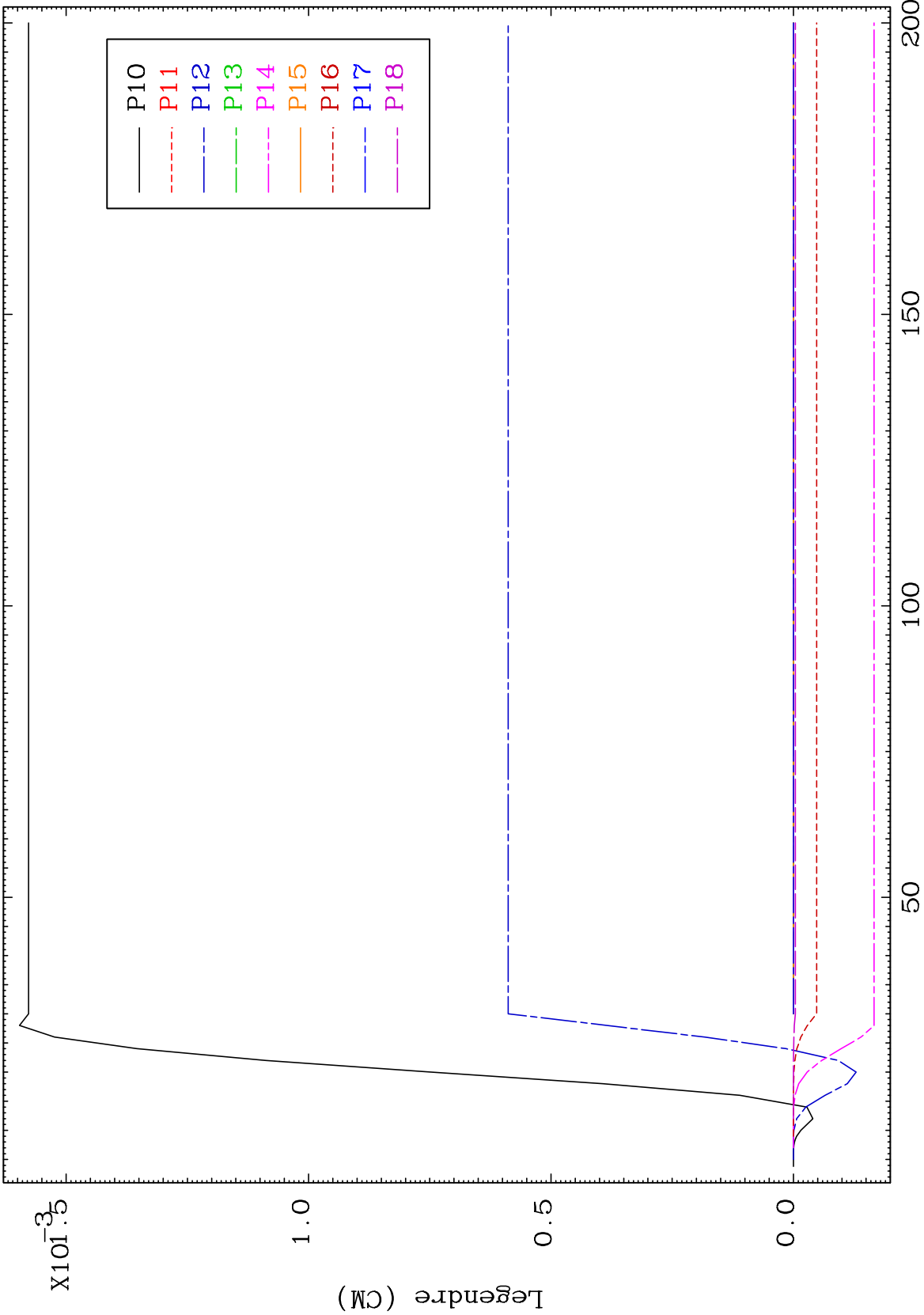




MAT 3625

2.891 MeV (n,n') Level
Legendre Coefficients

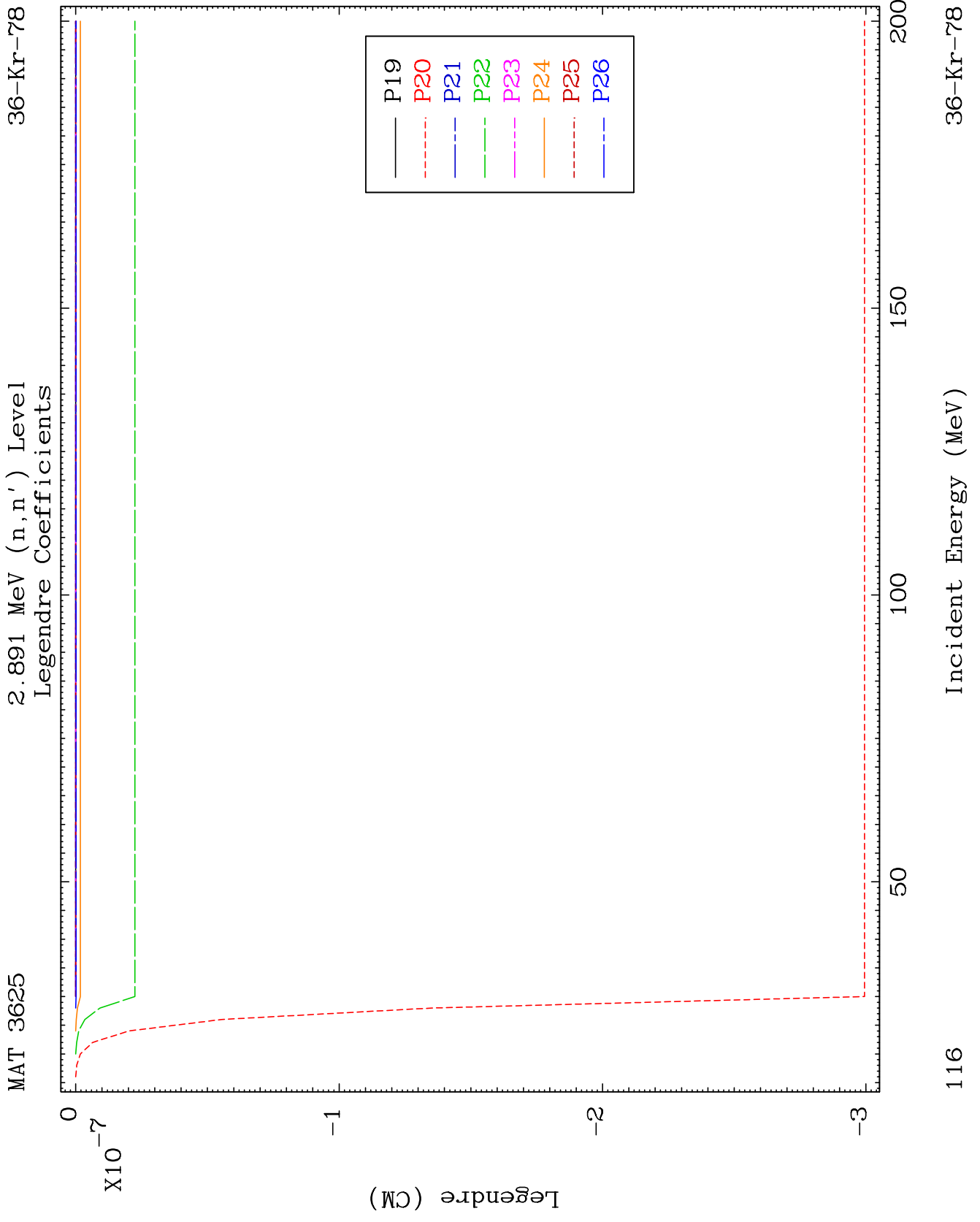
36-Kr-78

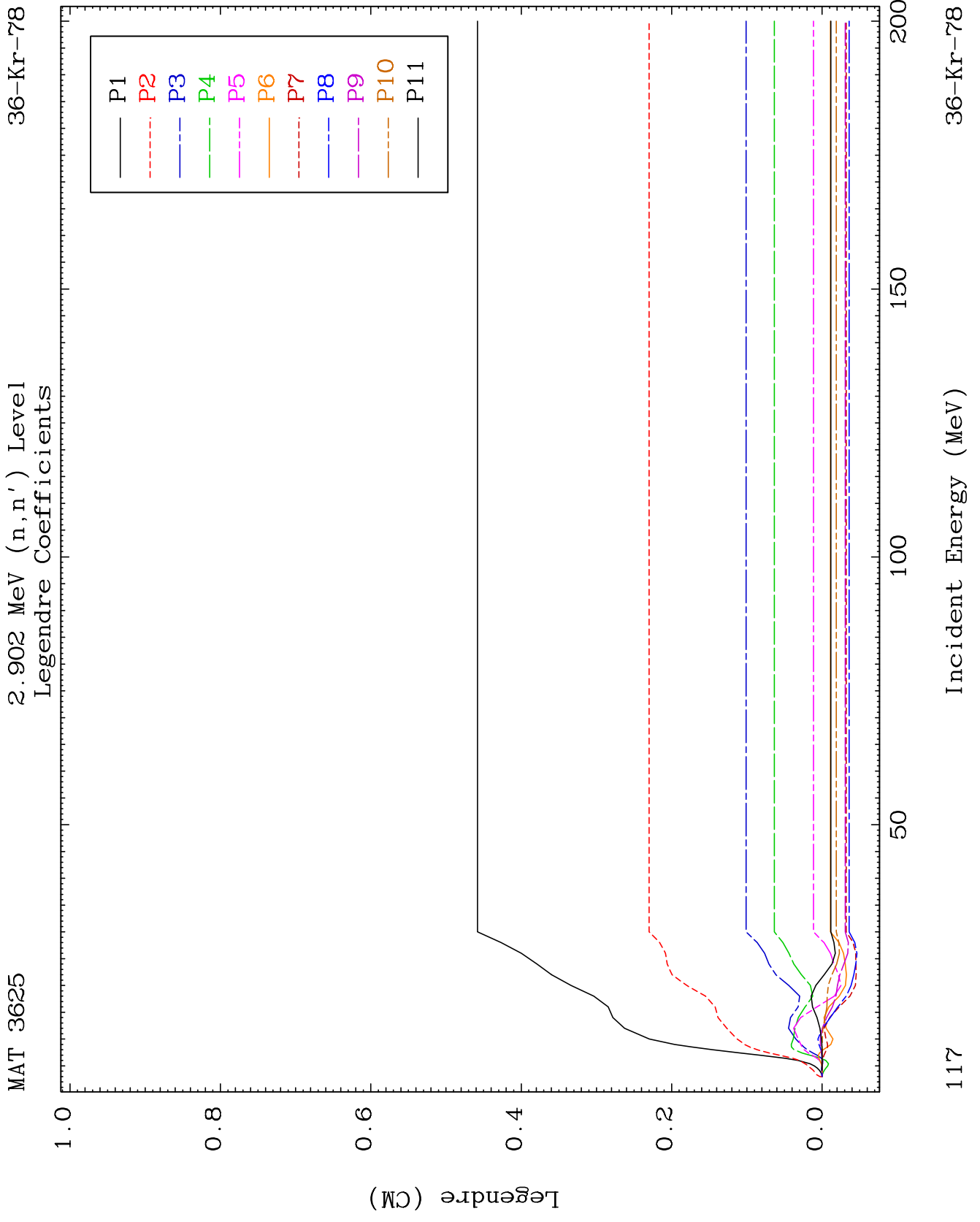


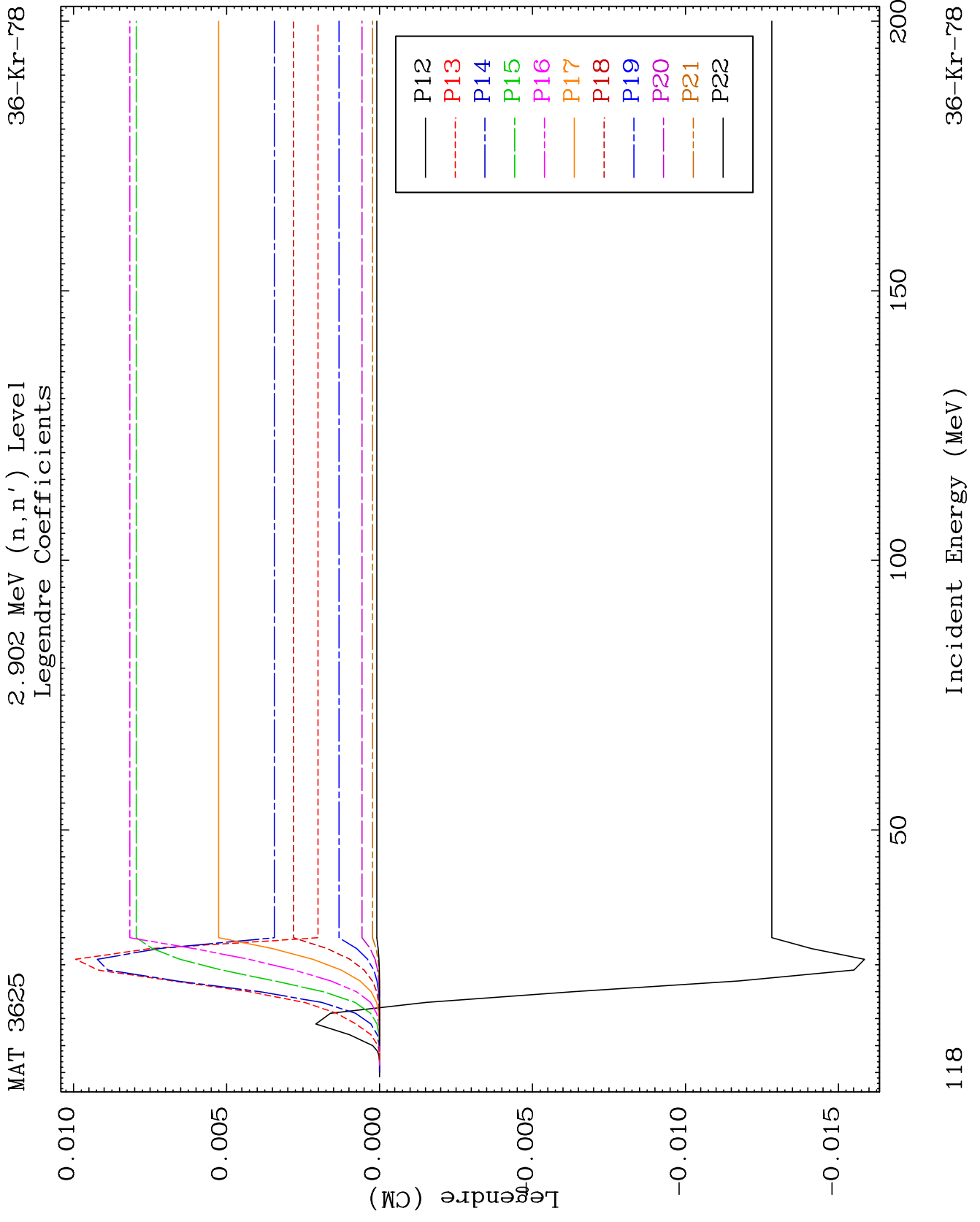
115

Incident Energy (MeV)

36-Kr-78



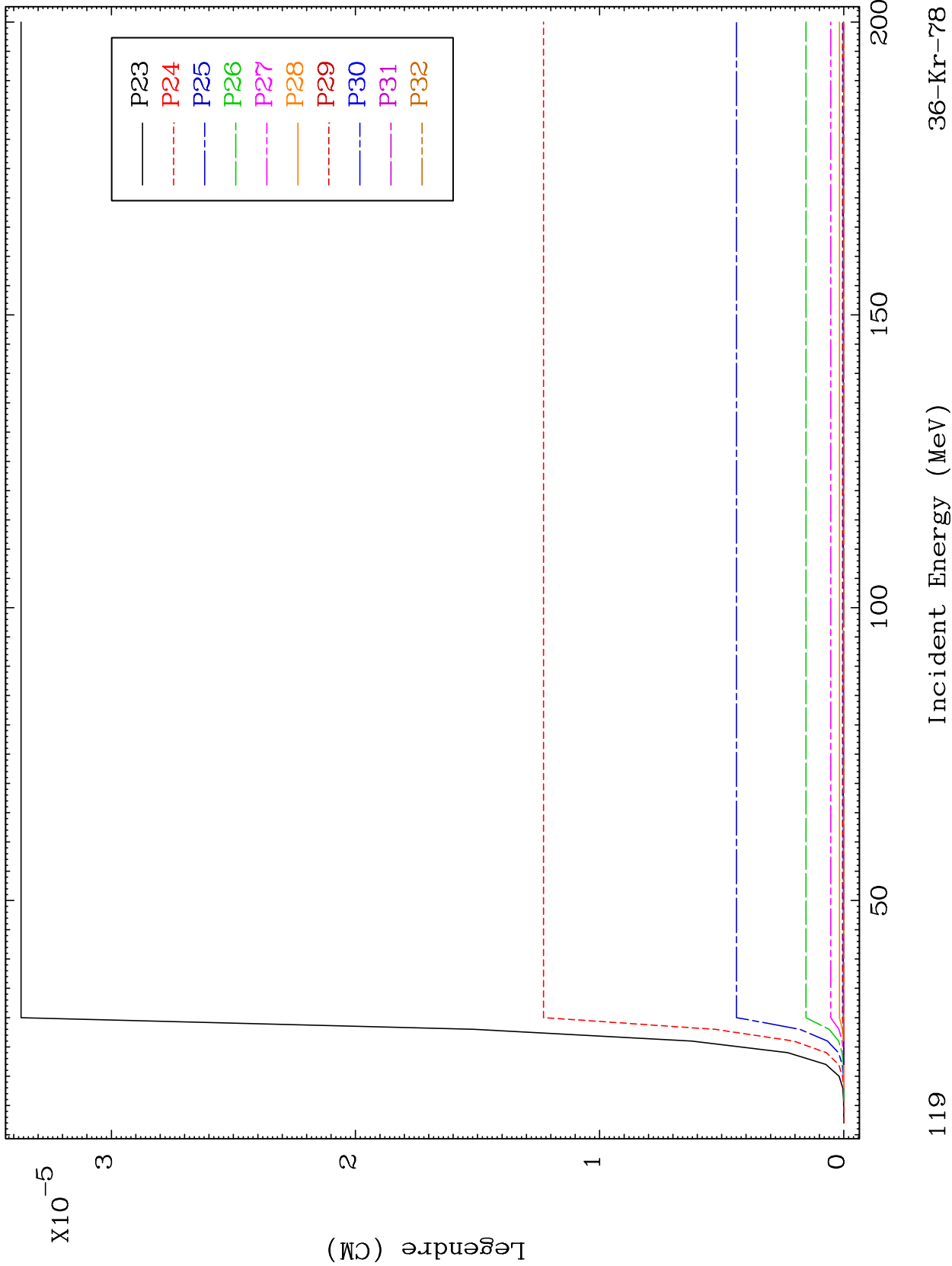




MAT 3625

2.902 MeV (n,n') Level
Legendre Coefficients

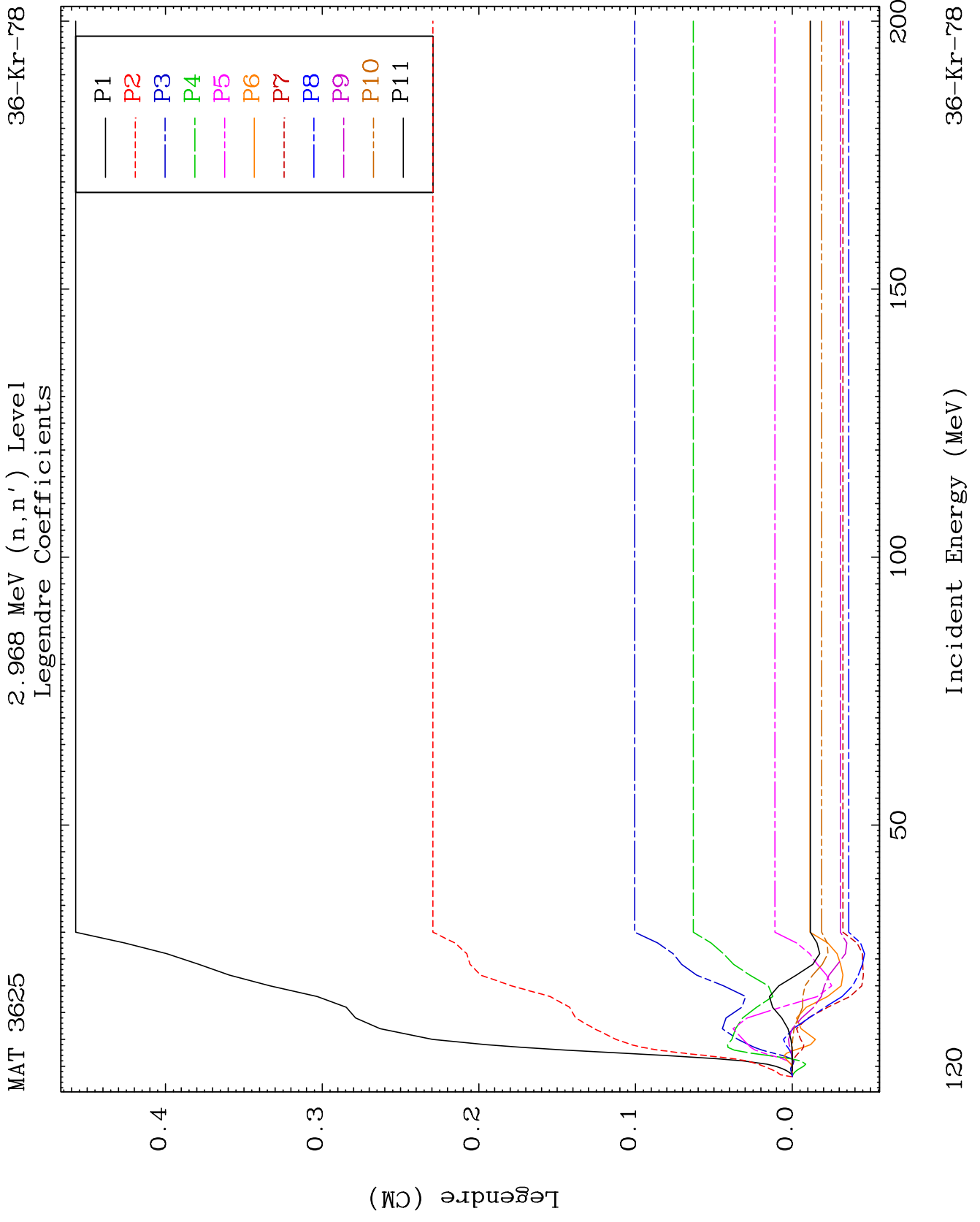
36-Kr-78

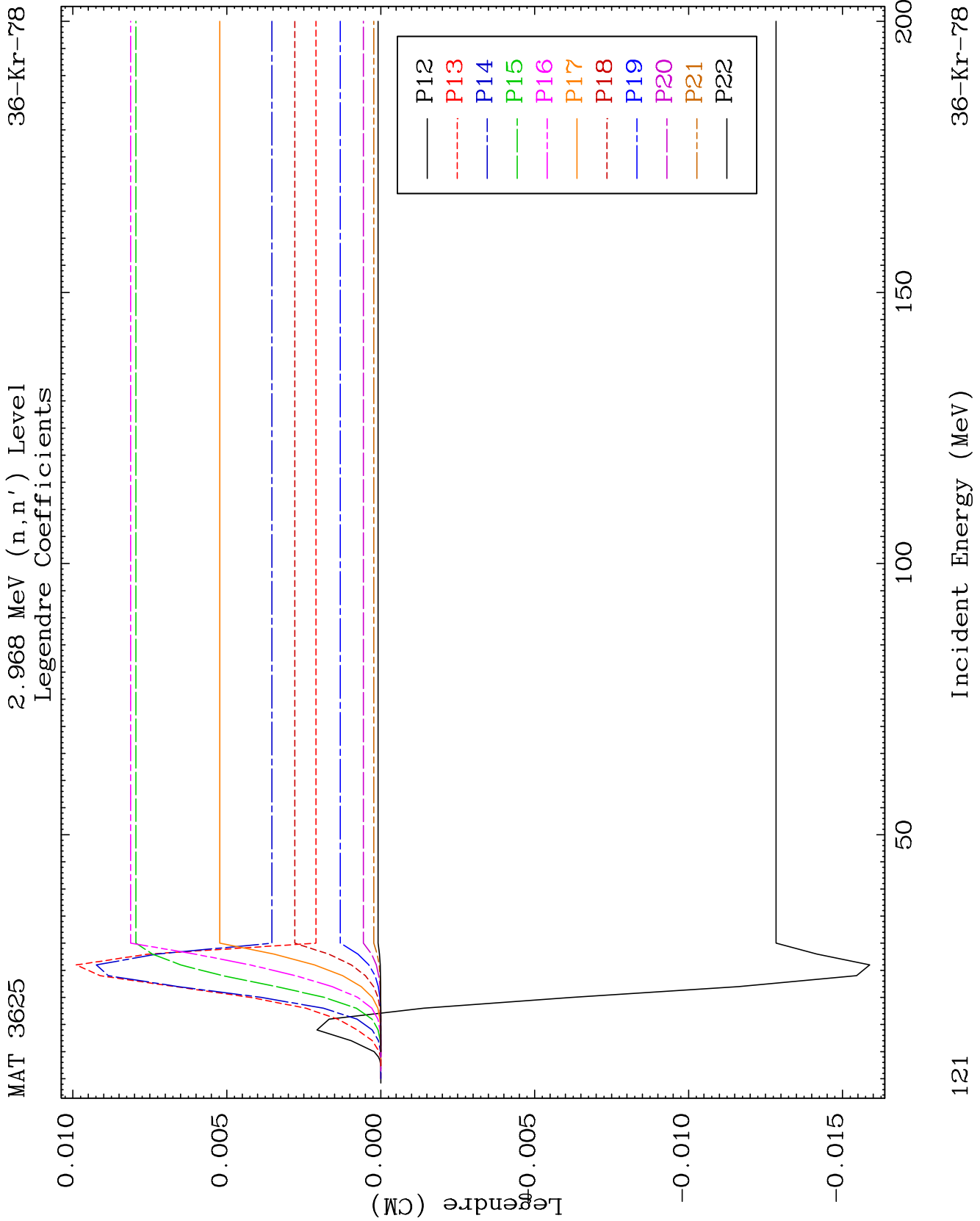


119

Incident Energy (MeV)

36-Kr-78

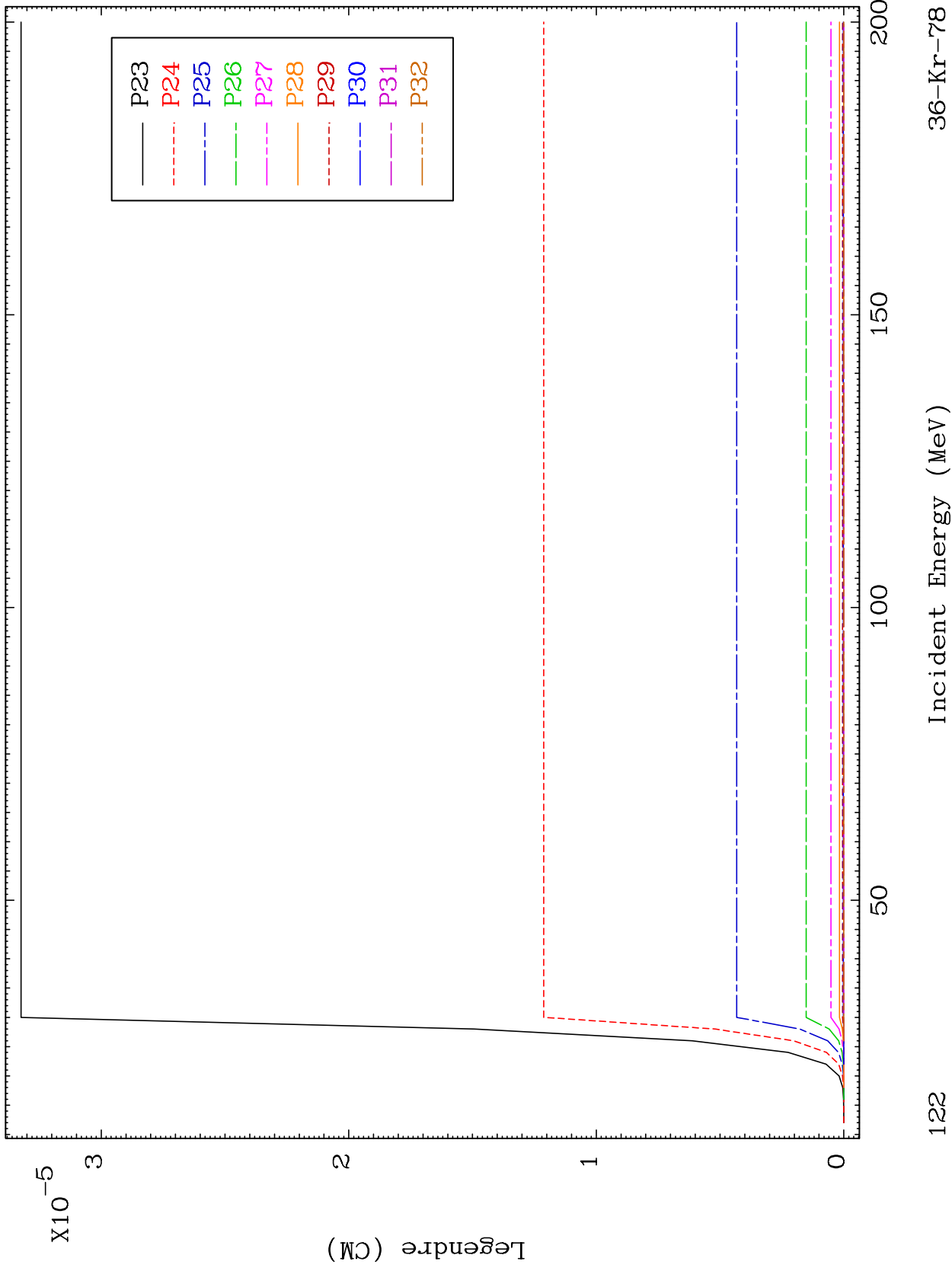




MAT 3625

2.968 MeV (n,n') Level
Legendre Coefficients

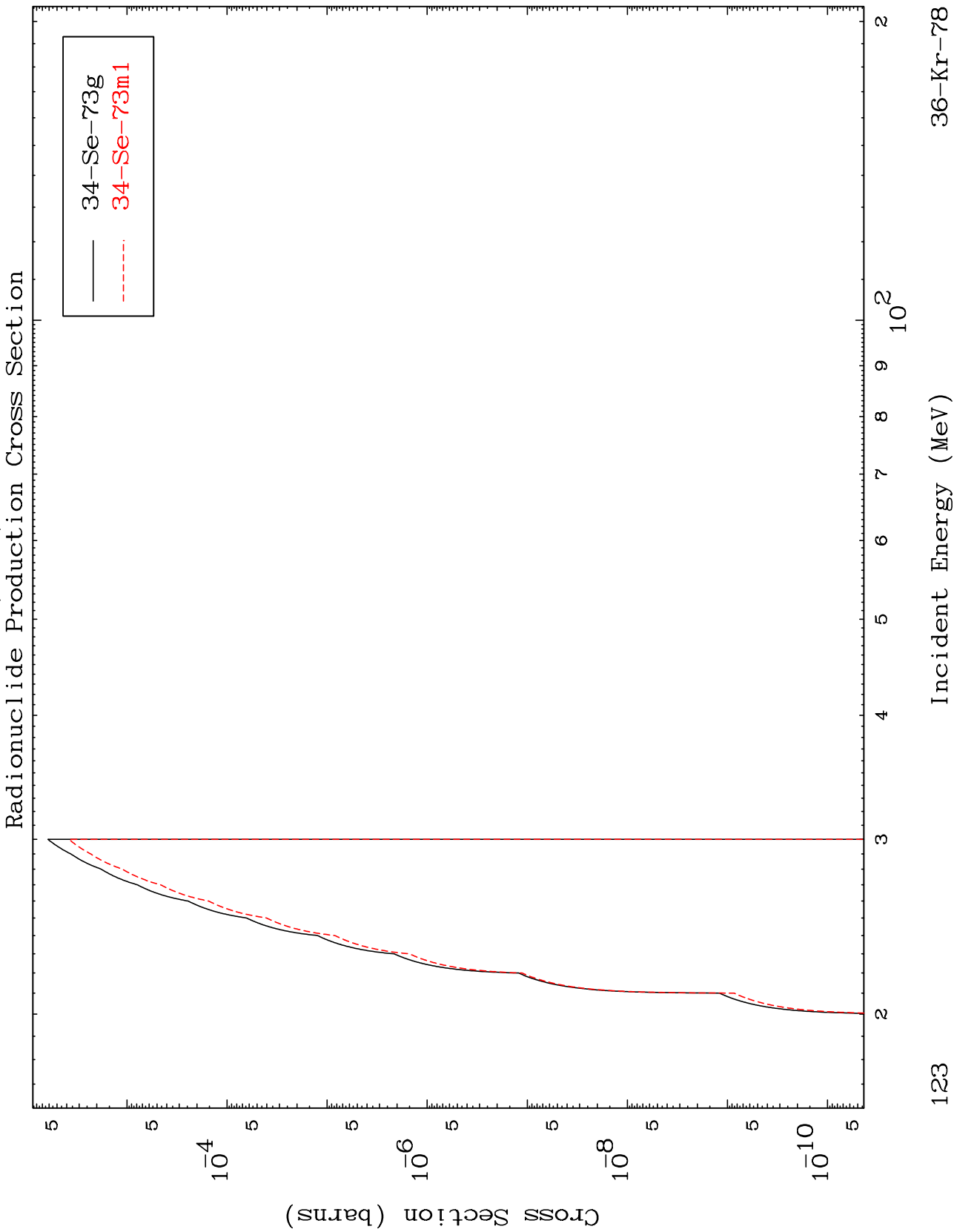
36-Kr-78



122

Incident Energy (MeV)

36-Kr-78

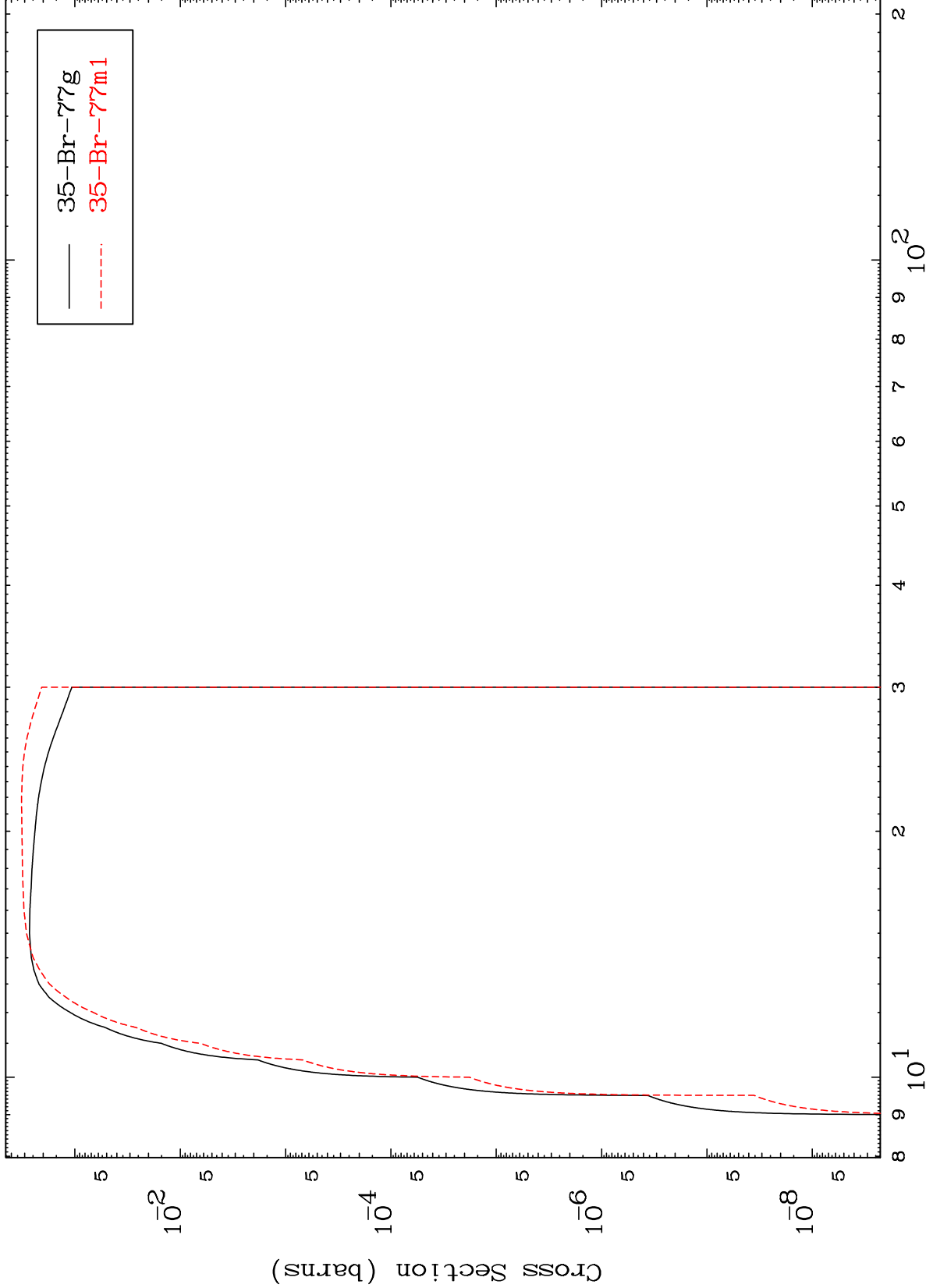


MAT 3625

(n,n') p

36-Kr-78

Radionuclide Production Cross Section



124

Incident Energy (MeV)

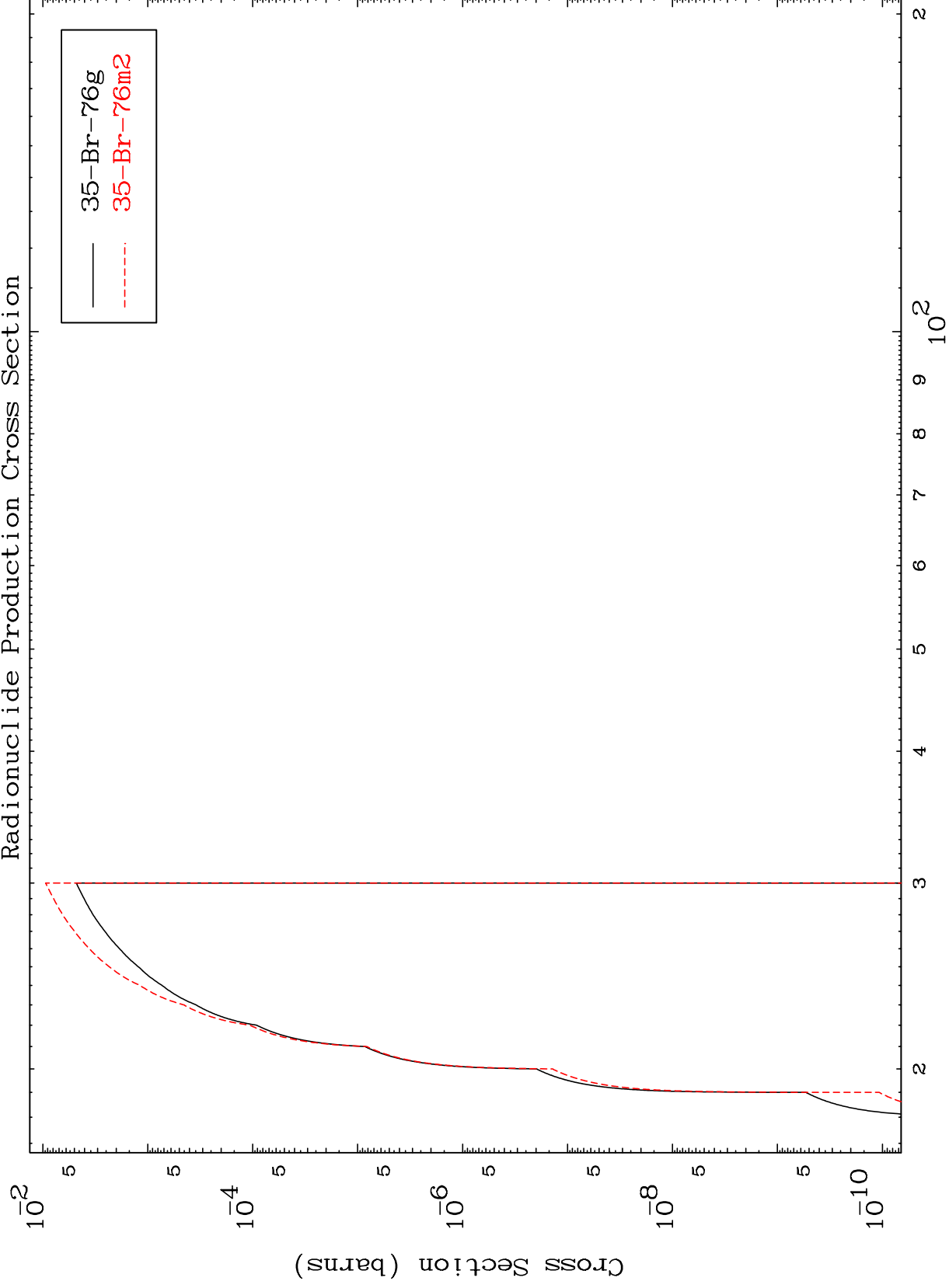
36-Kr-78

MAT 3625

(n,n') d

36-Kr-78

Radionuclide Production Cross Section



125

Incident Energy (MeV)

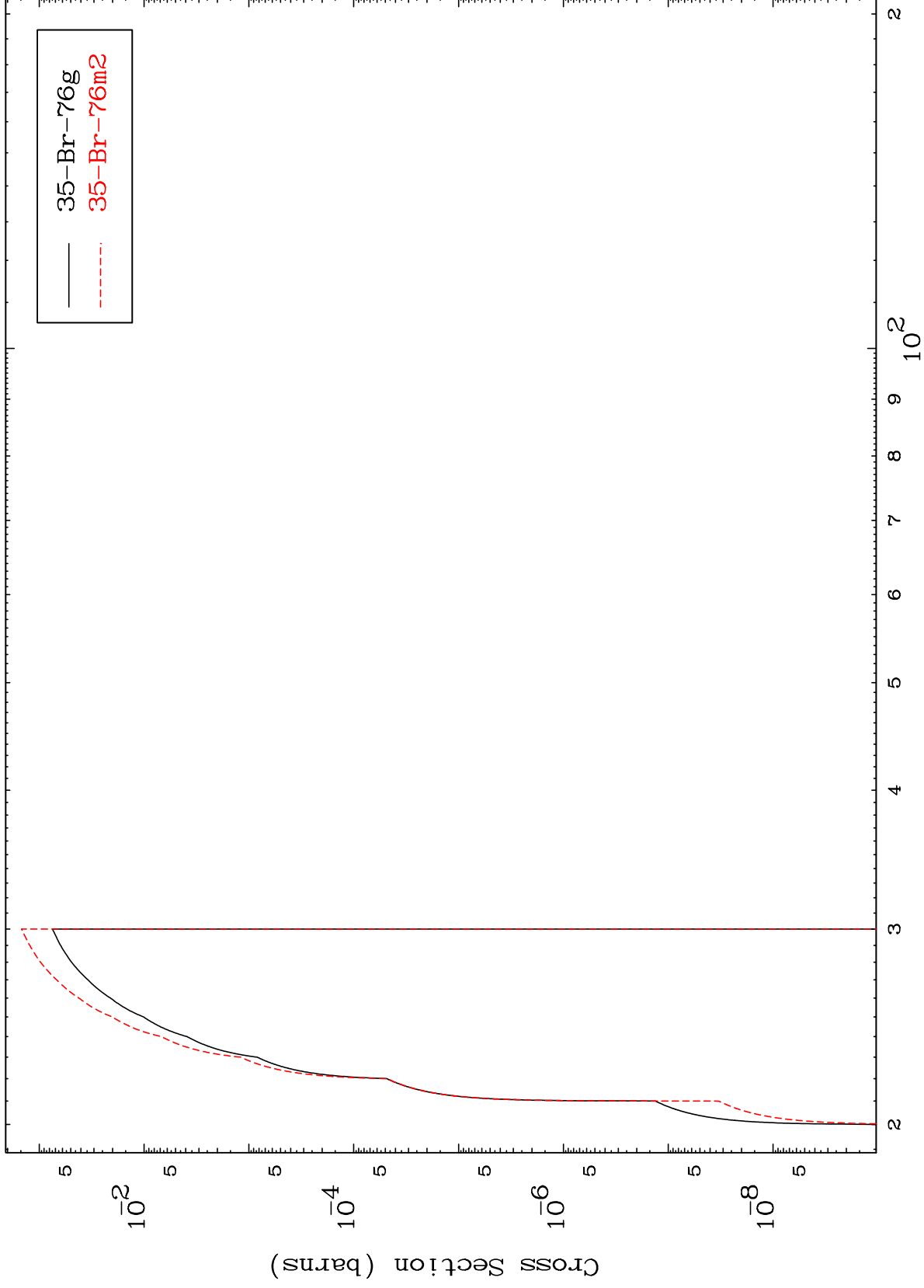
36-Kr-78

MAT 3625

(n,2n) p

36-Kr-78

Radionuclide Production Cross Section



126

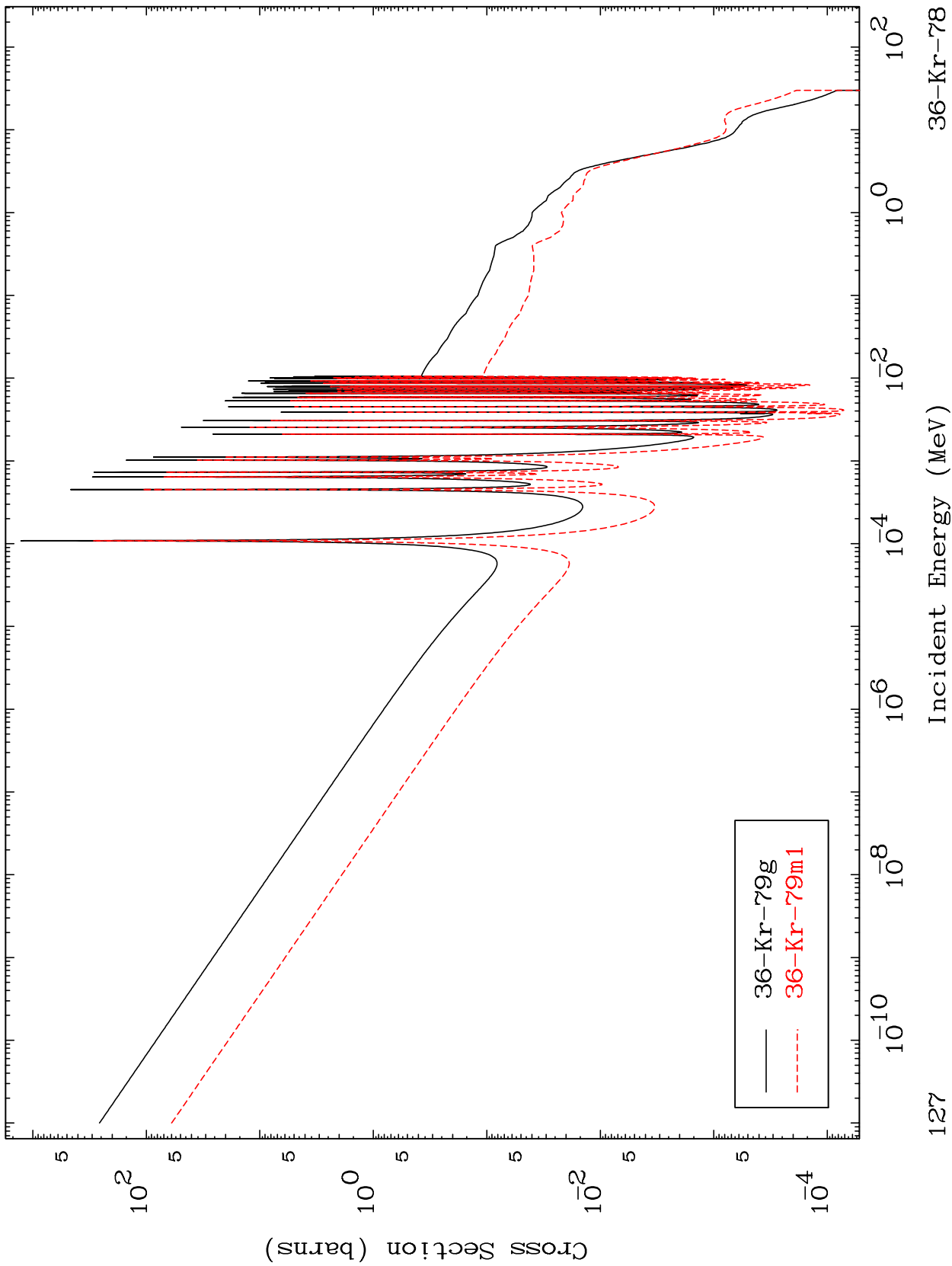
Incident Energy (MeV)

36-Kr-78

MAT 3625

36-Kr-78

(n, γ)
Radionuclide Production Cross Section



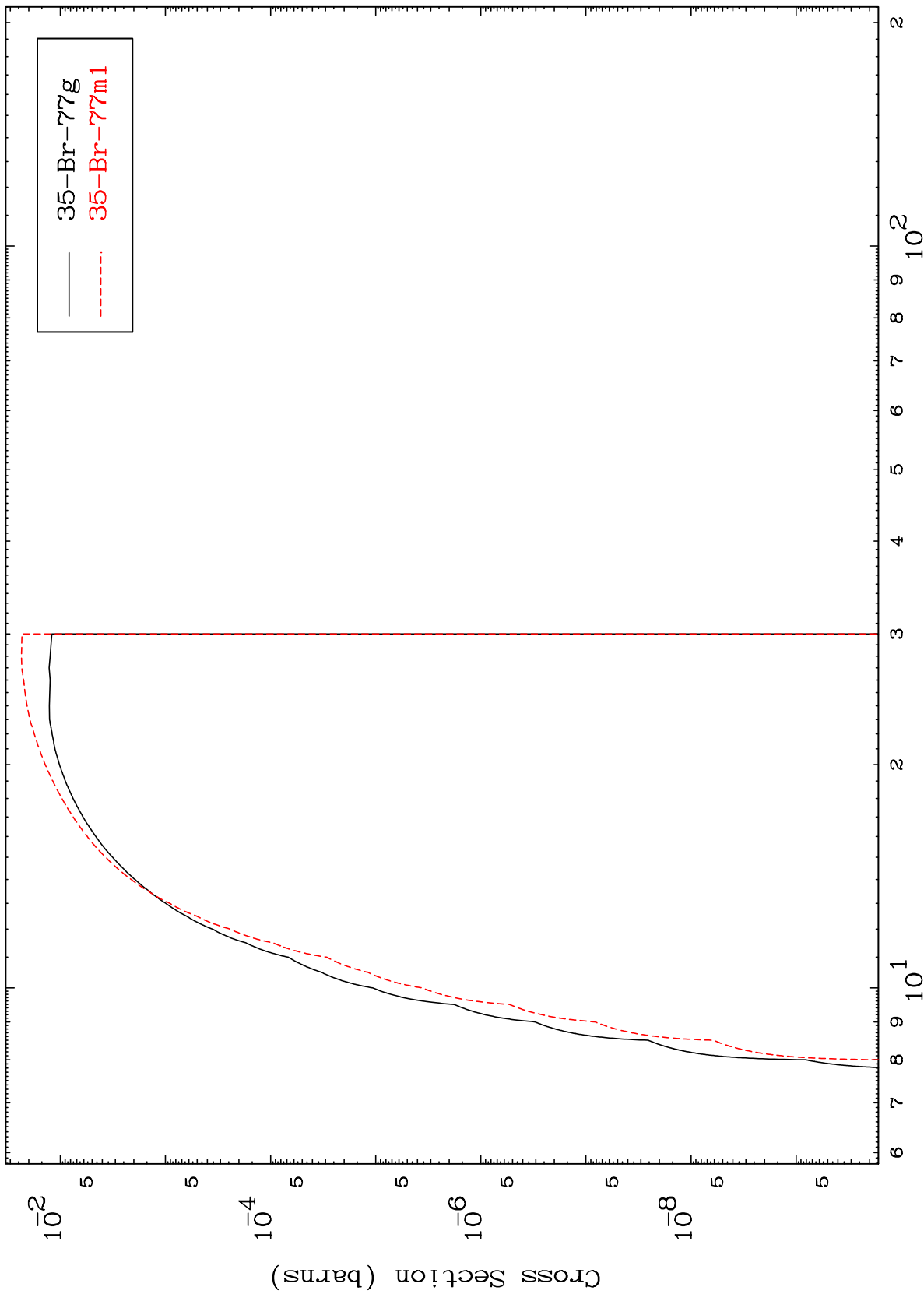
127

36-Kr-78

MAT 3625

36-Kr-78

(n,d)
Radionuclide Production Cross Section

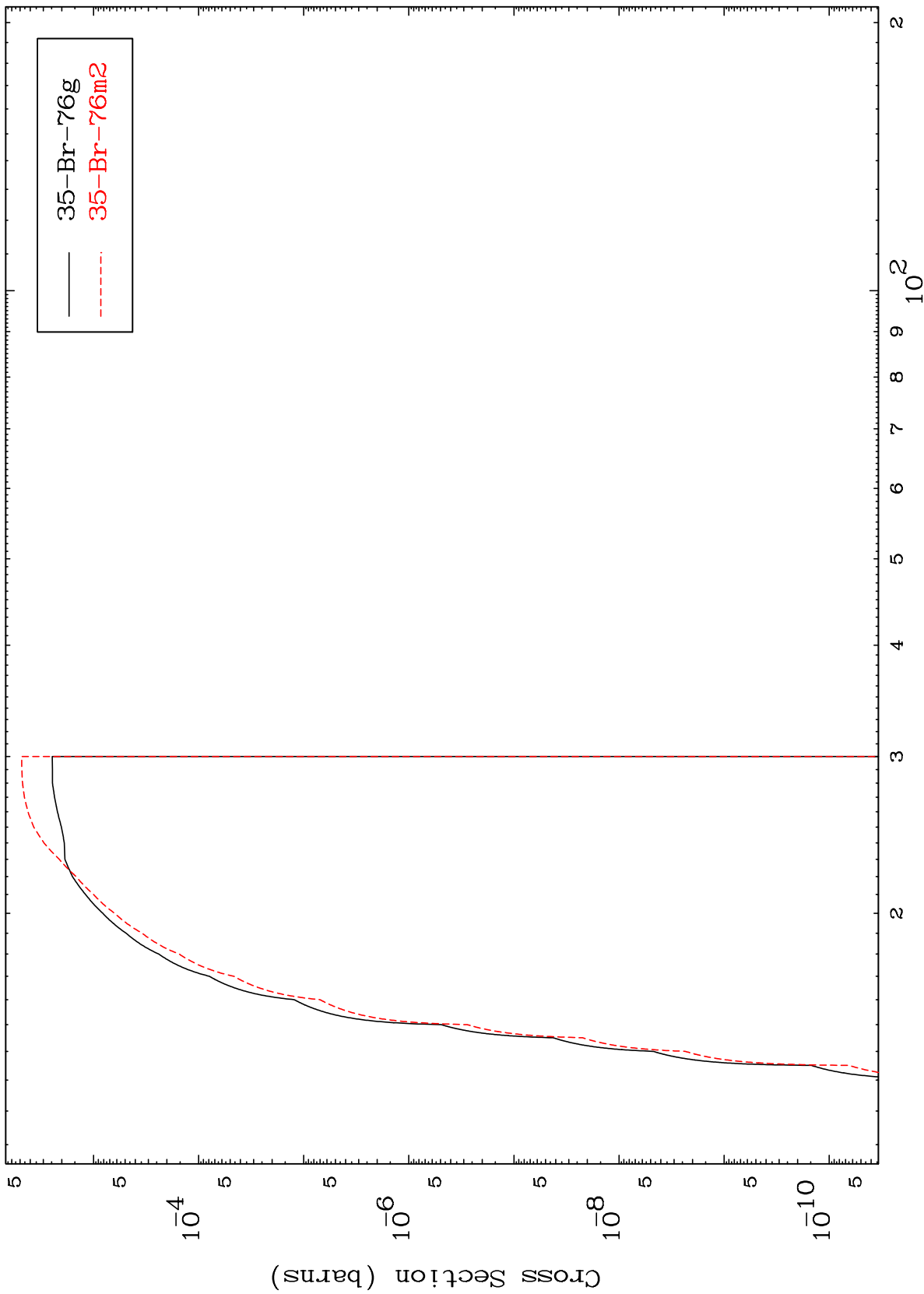


128

Incident Energy (MeV)

36-Kr-78

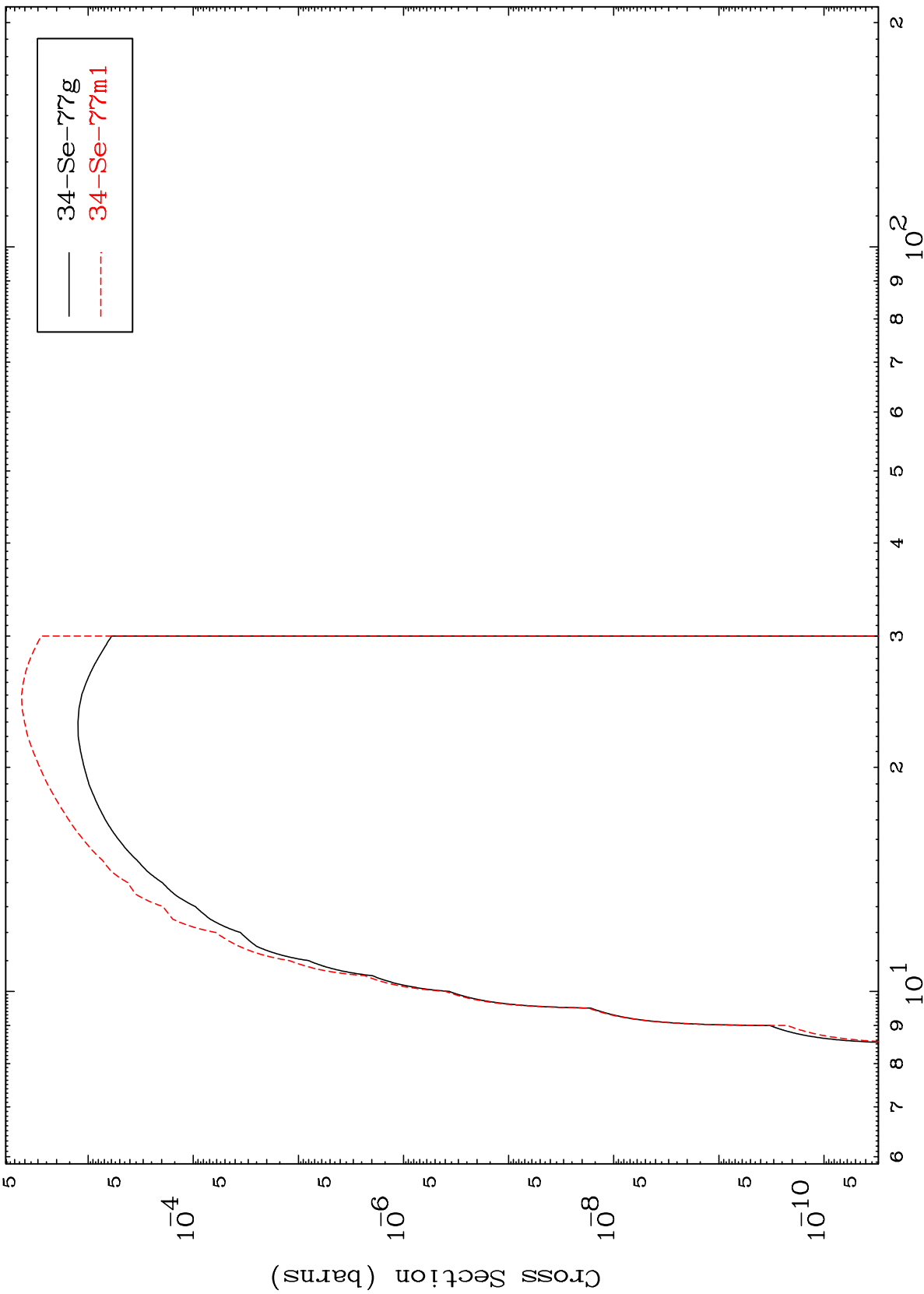
(n, t)
Radionuclide Production Cross Section



MAT 3625

36-Kr-78

(n,2p)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

36-Kr-78