

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

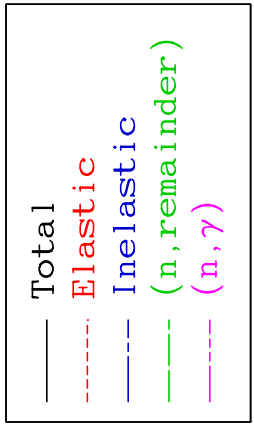
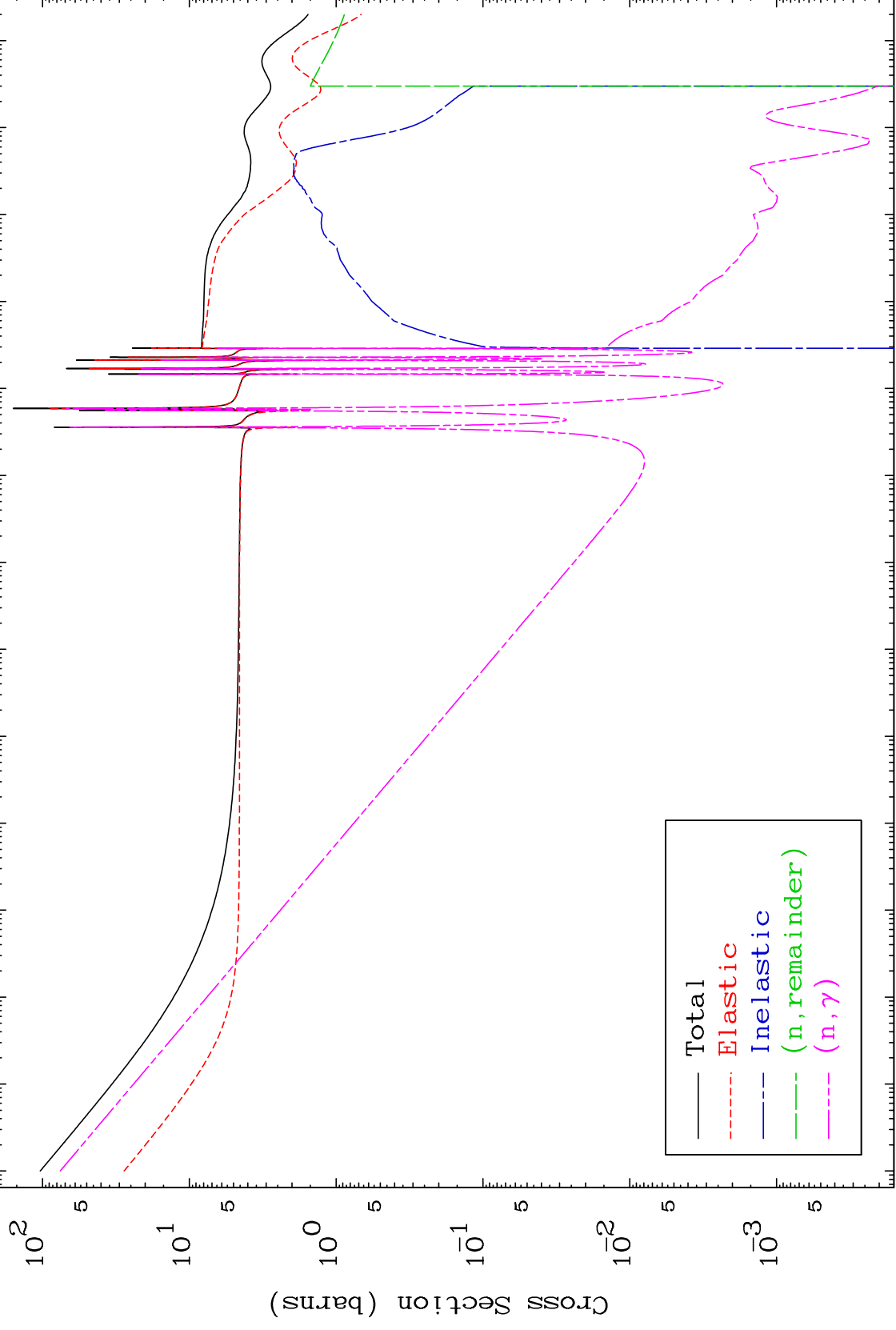
Press Mouse Button to Start

MAT 3658

Major

293 Kelvin Cross Sections

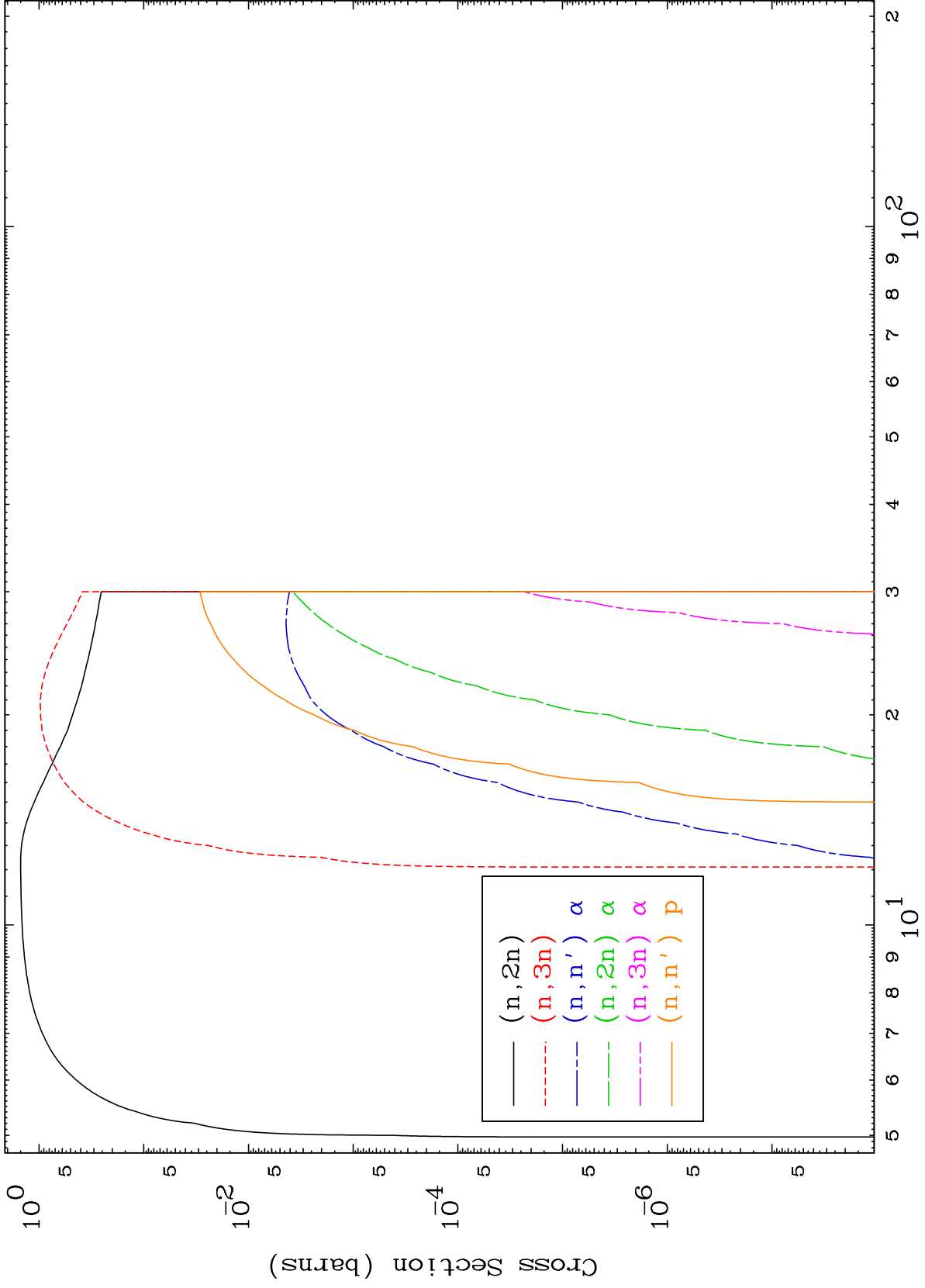
36-Kr-89

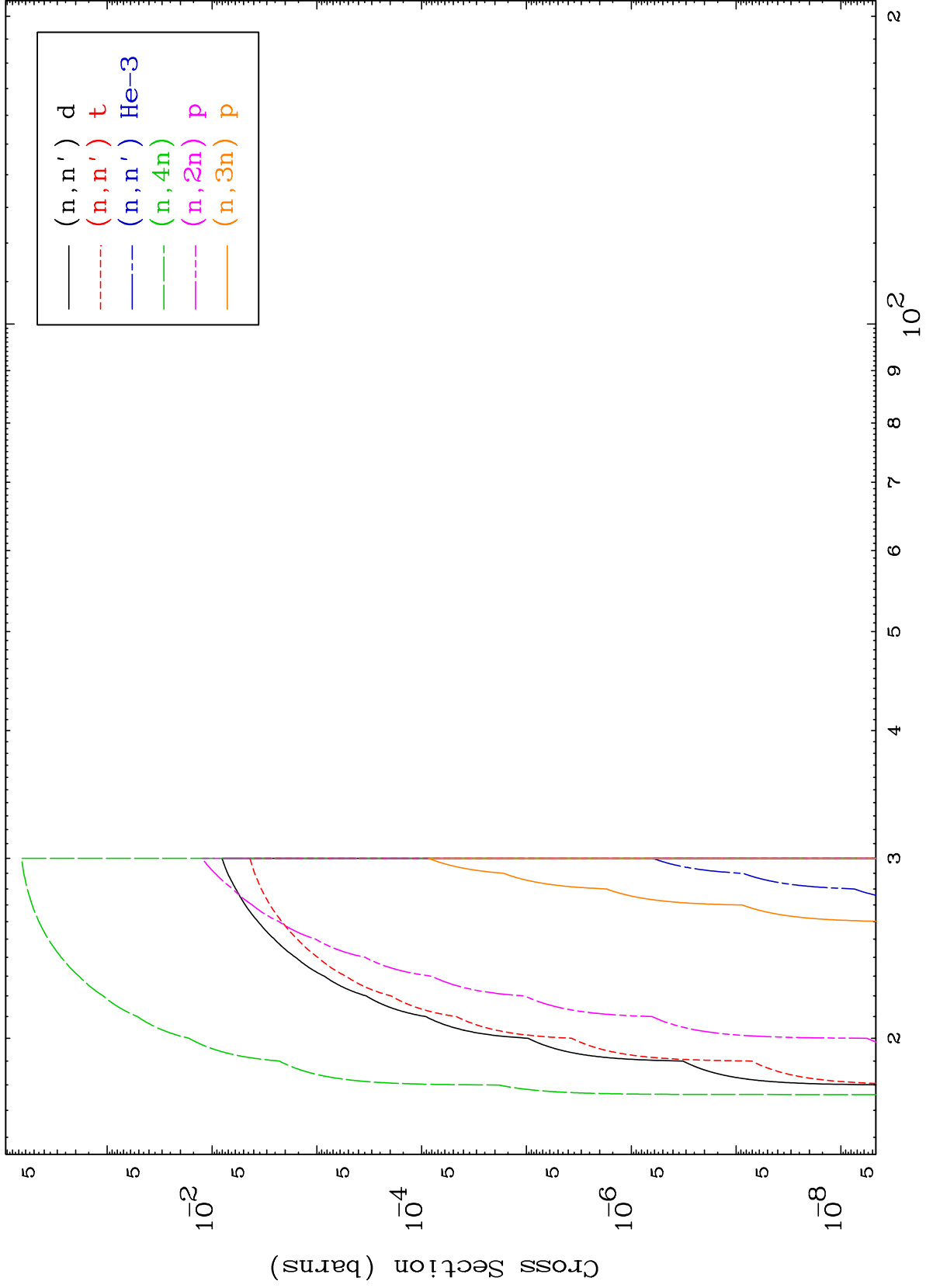


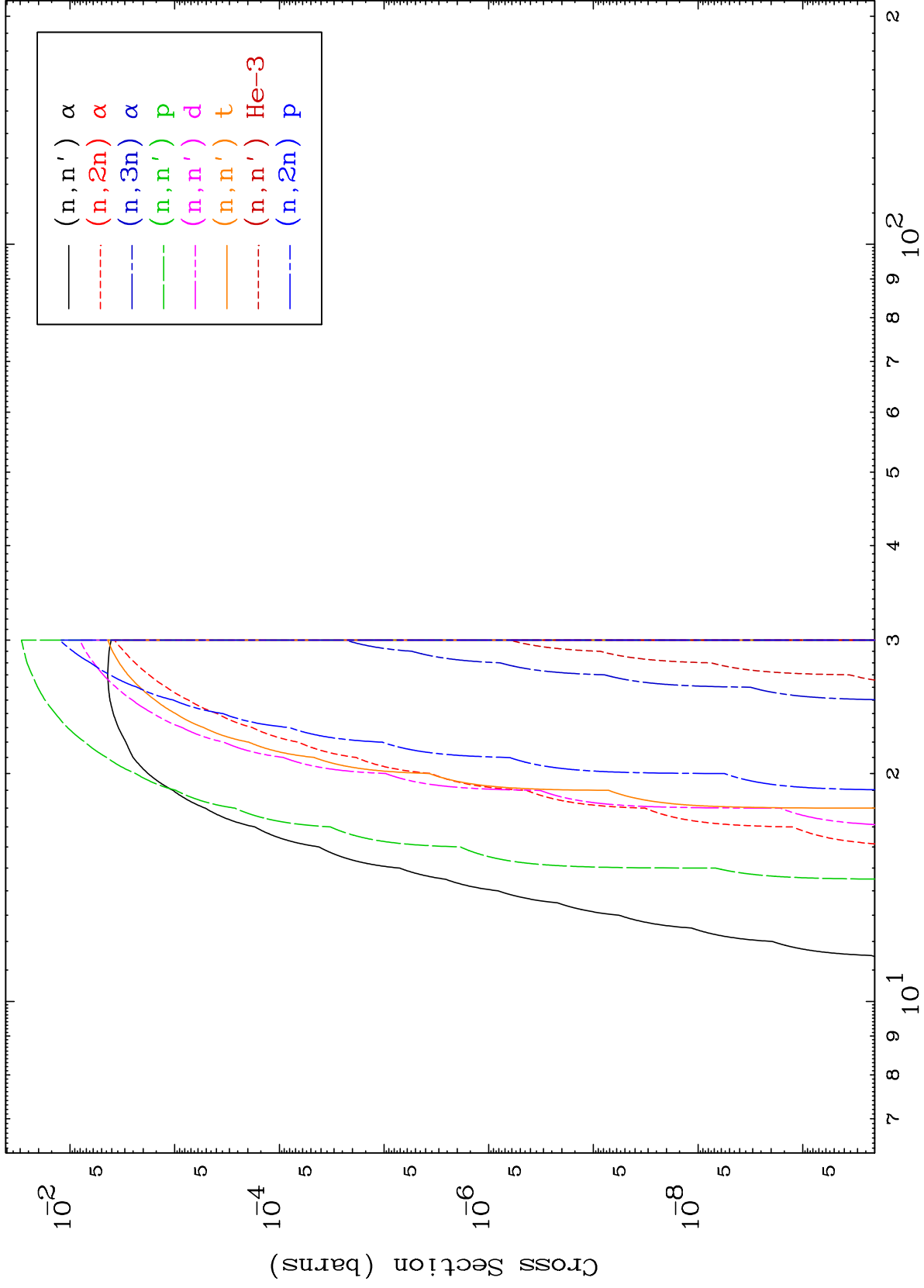
MAT 3658

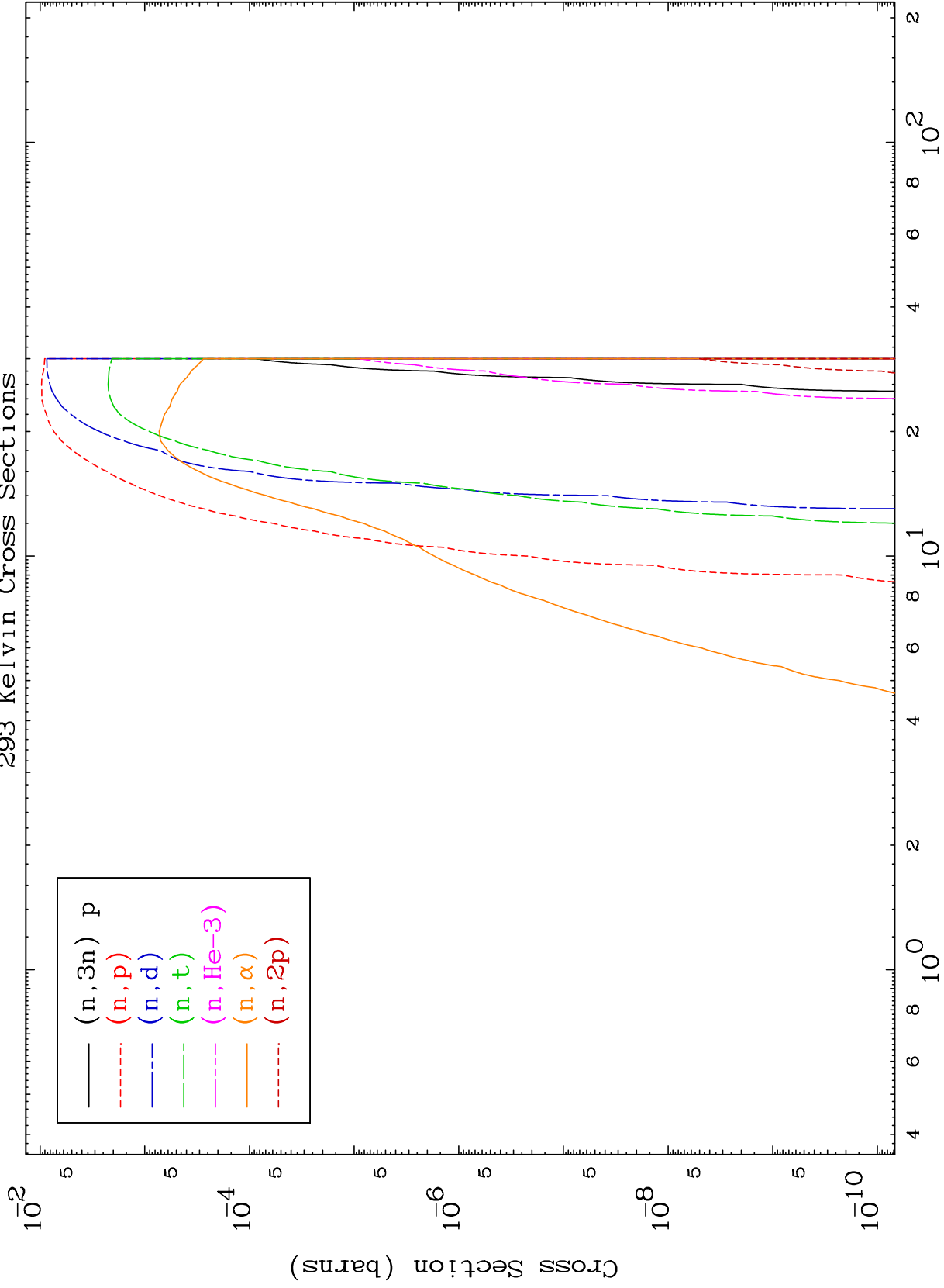
Neutron Production  
293 Kelvin Cross Sections

36-Kr-89





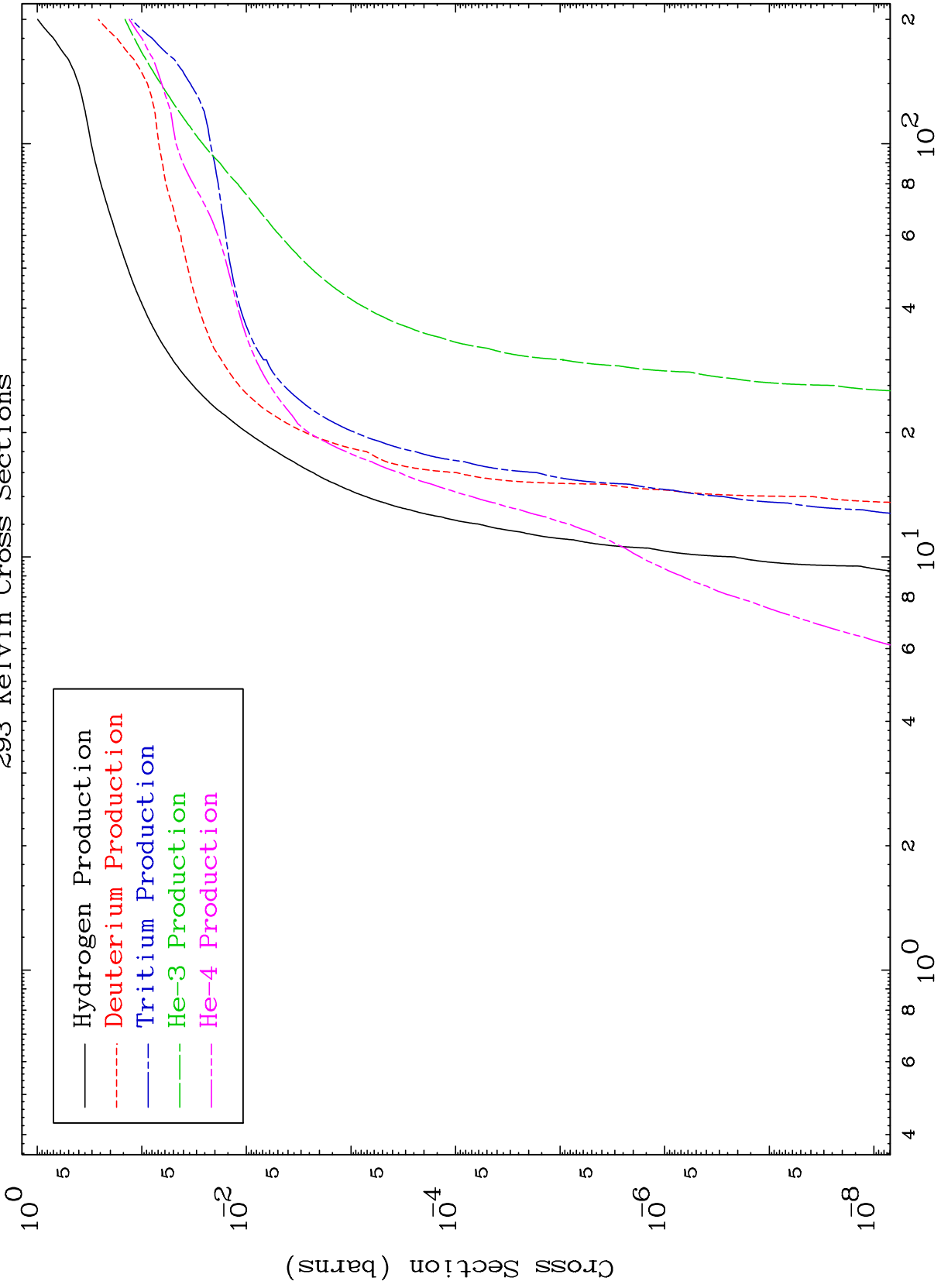




MAT 3658

Particle Production  
293 Kelvin Cross Sections

36-Kr-89



6

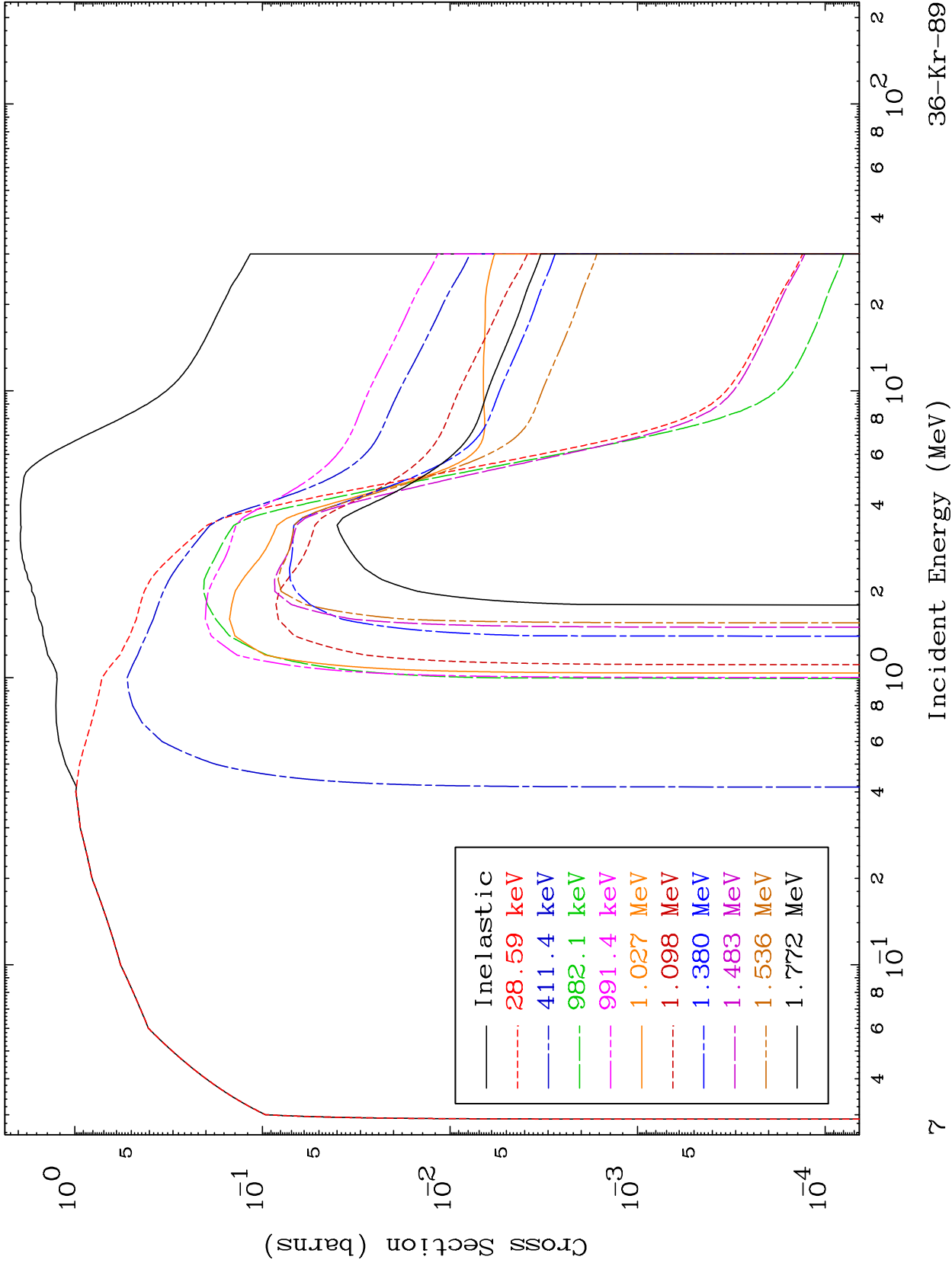
Incident Energy (MeV)

36-Kr-89

MAT 3658

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-89

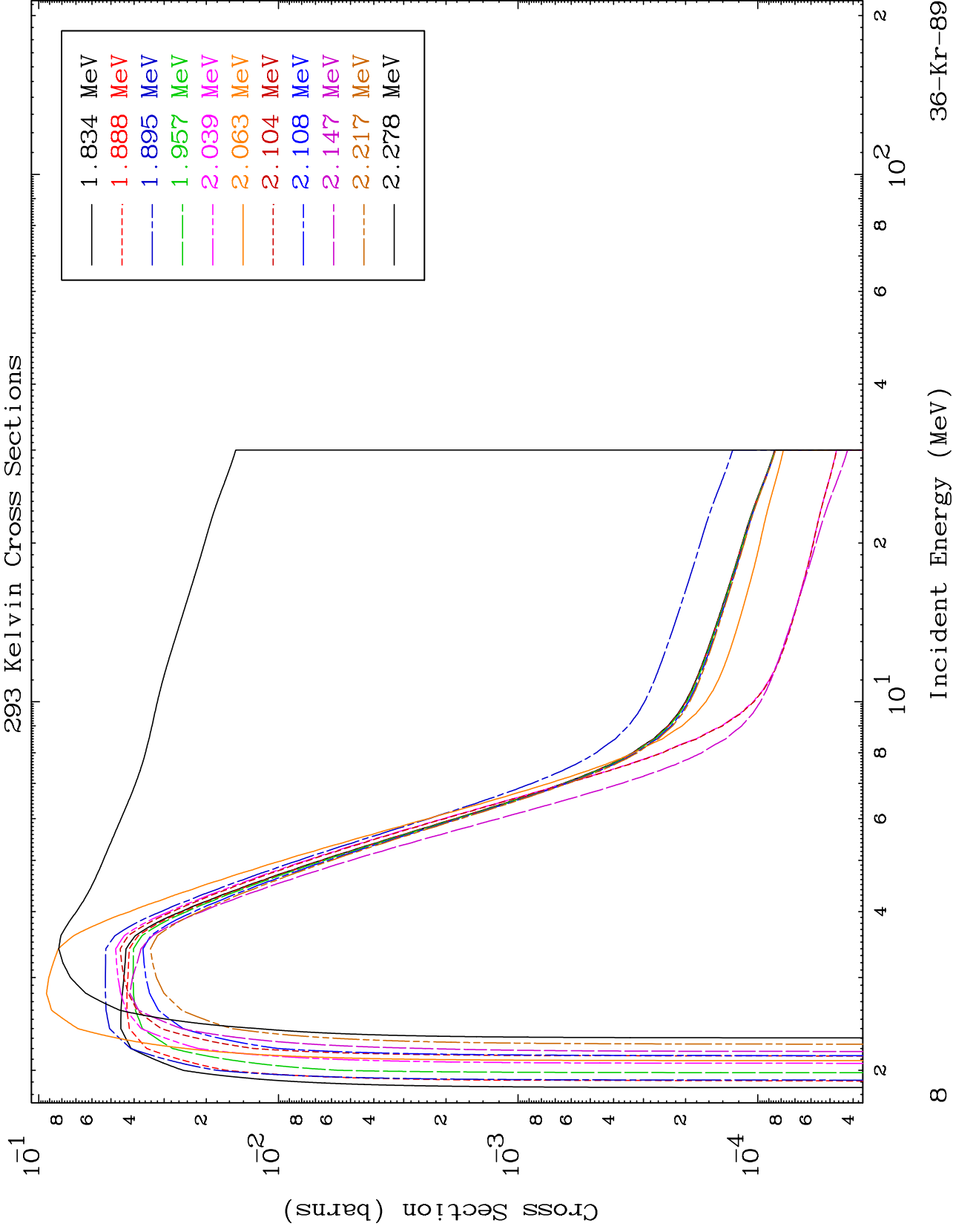


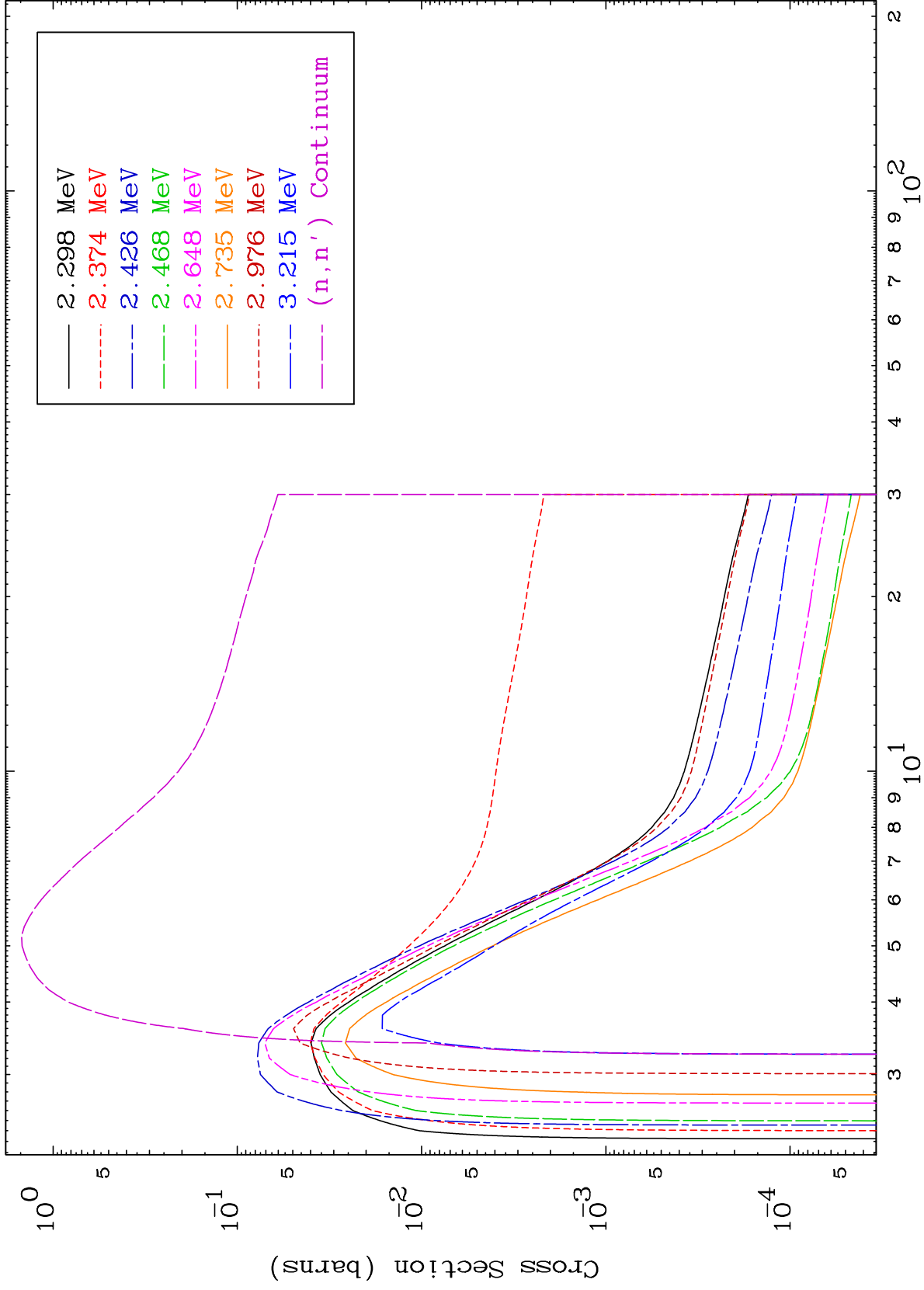


MAT 3658

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-89

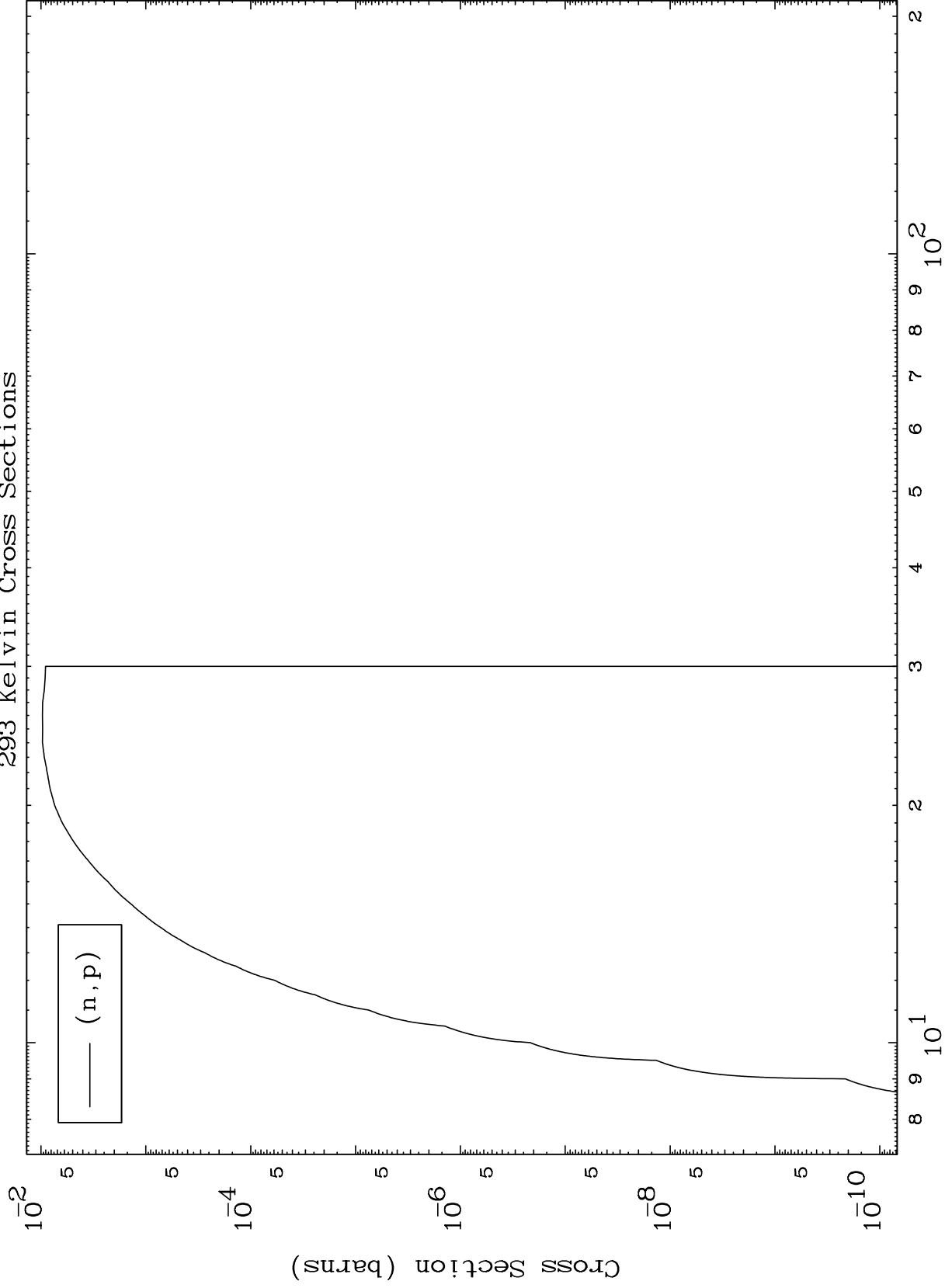




MAT 3658

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-89



36-Kr-89

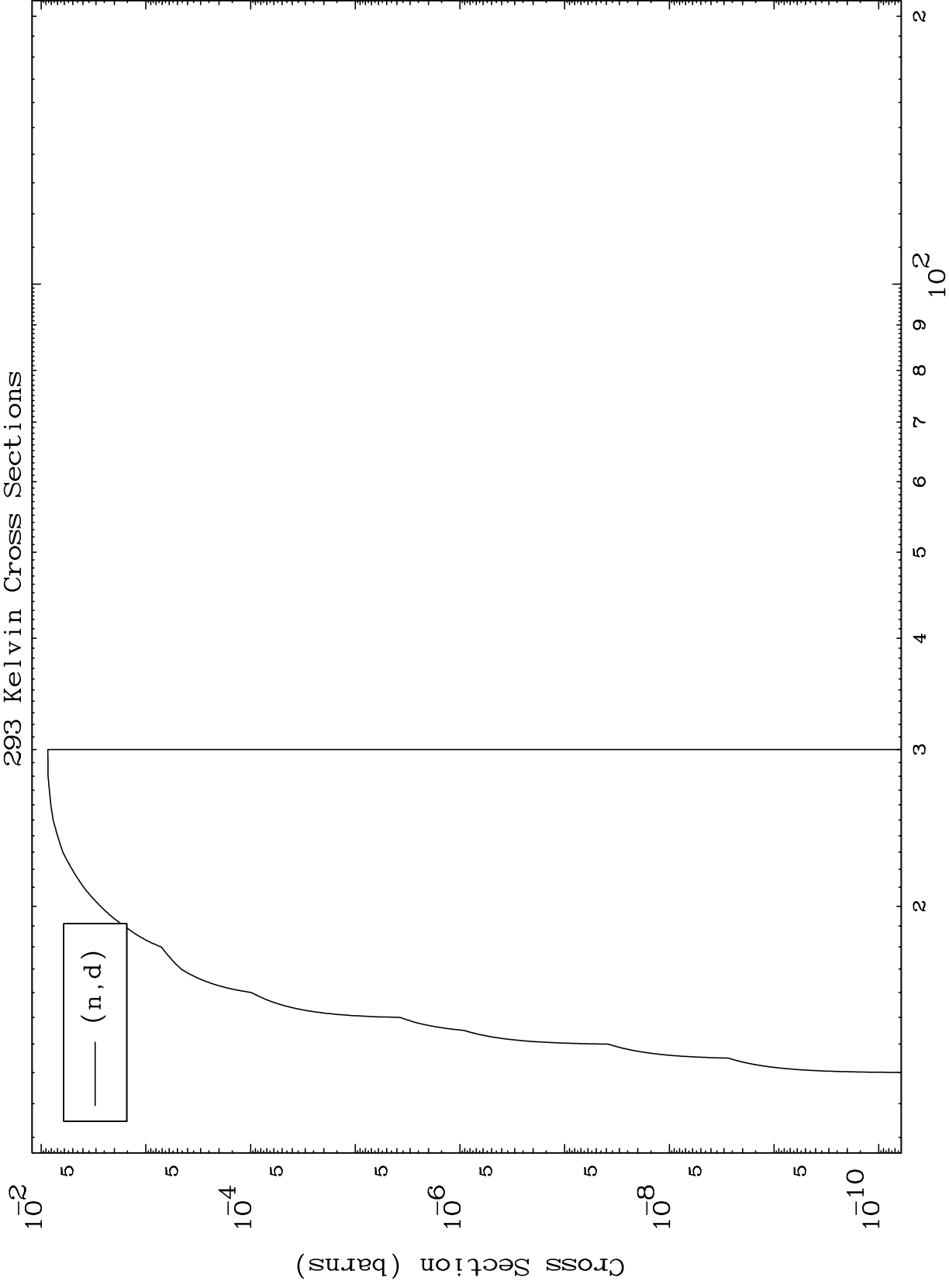
Incident Energy (MeV)

10

MAT 3658

(n,d) Levels  
293 Kelvin Cross Sections

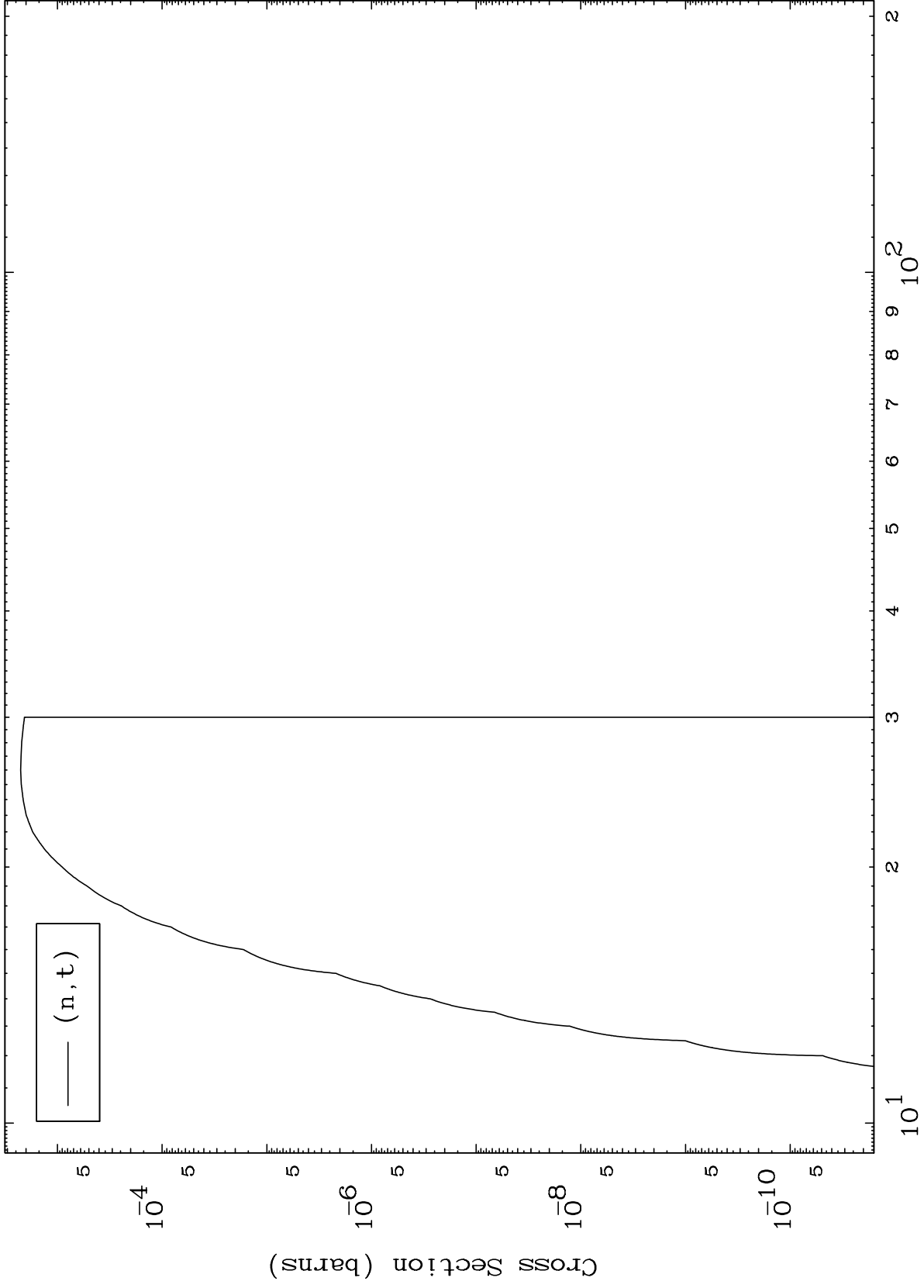
36-Kr-89



MAT 3658

(n,t) Levels  
293 Kelvin Cross Sections

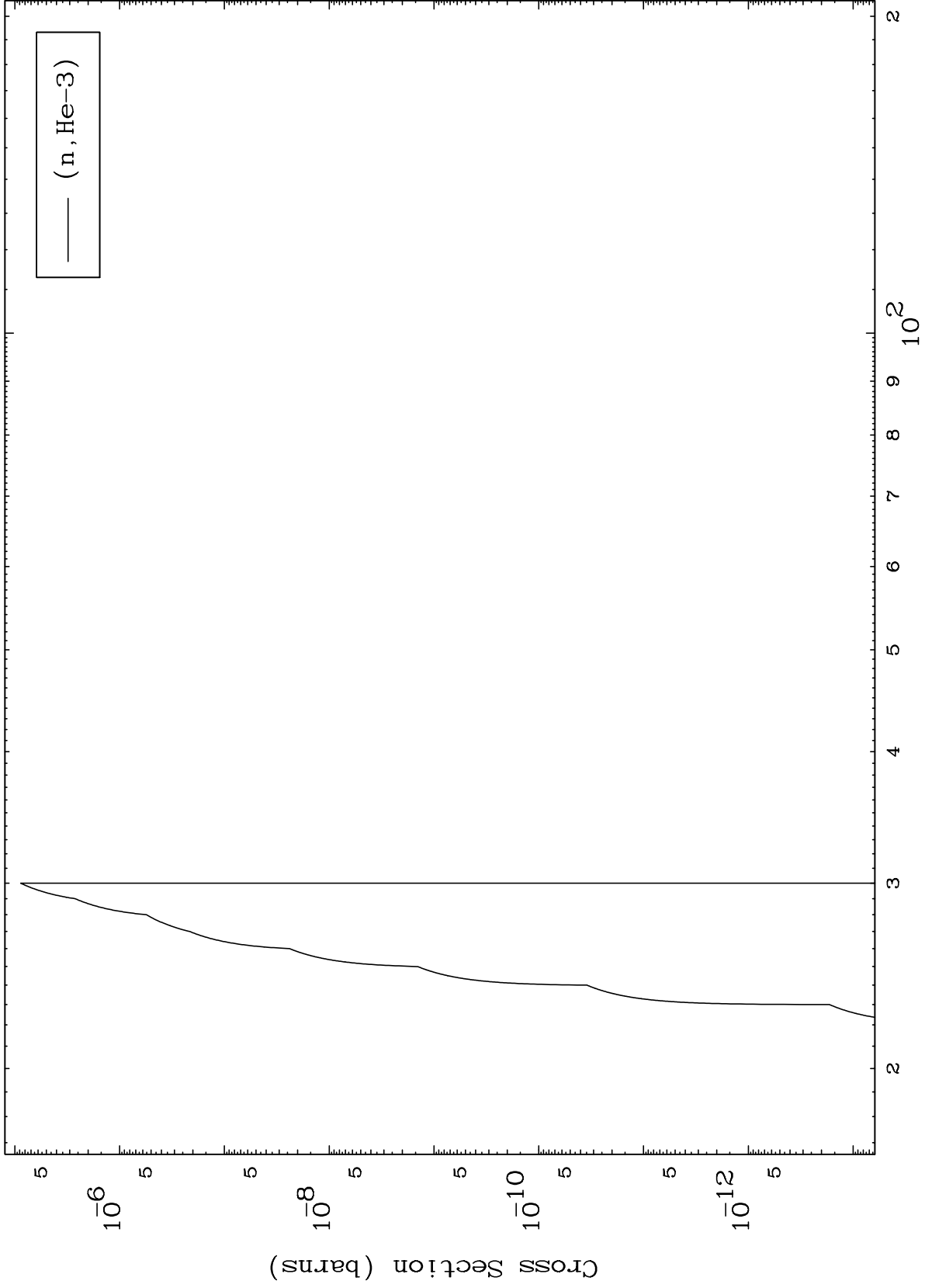
36-Kr-89



12

Incident Energy (MeV)

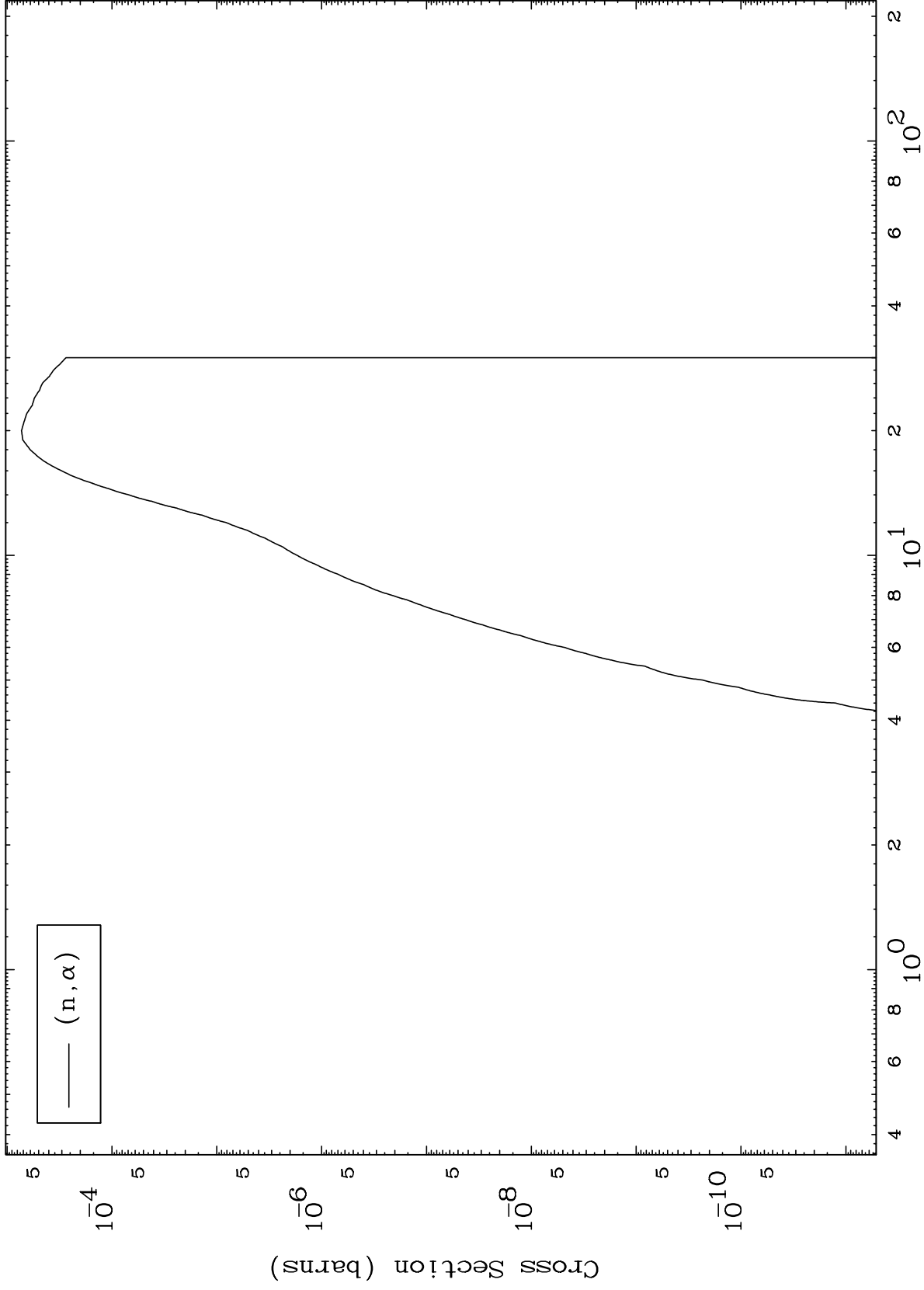
36-Kr-89



MAT 3658

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

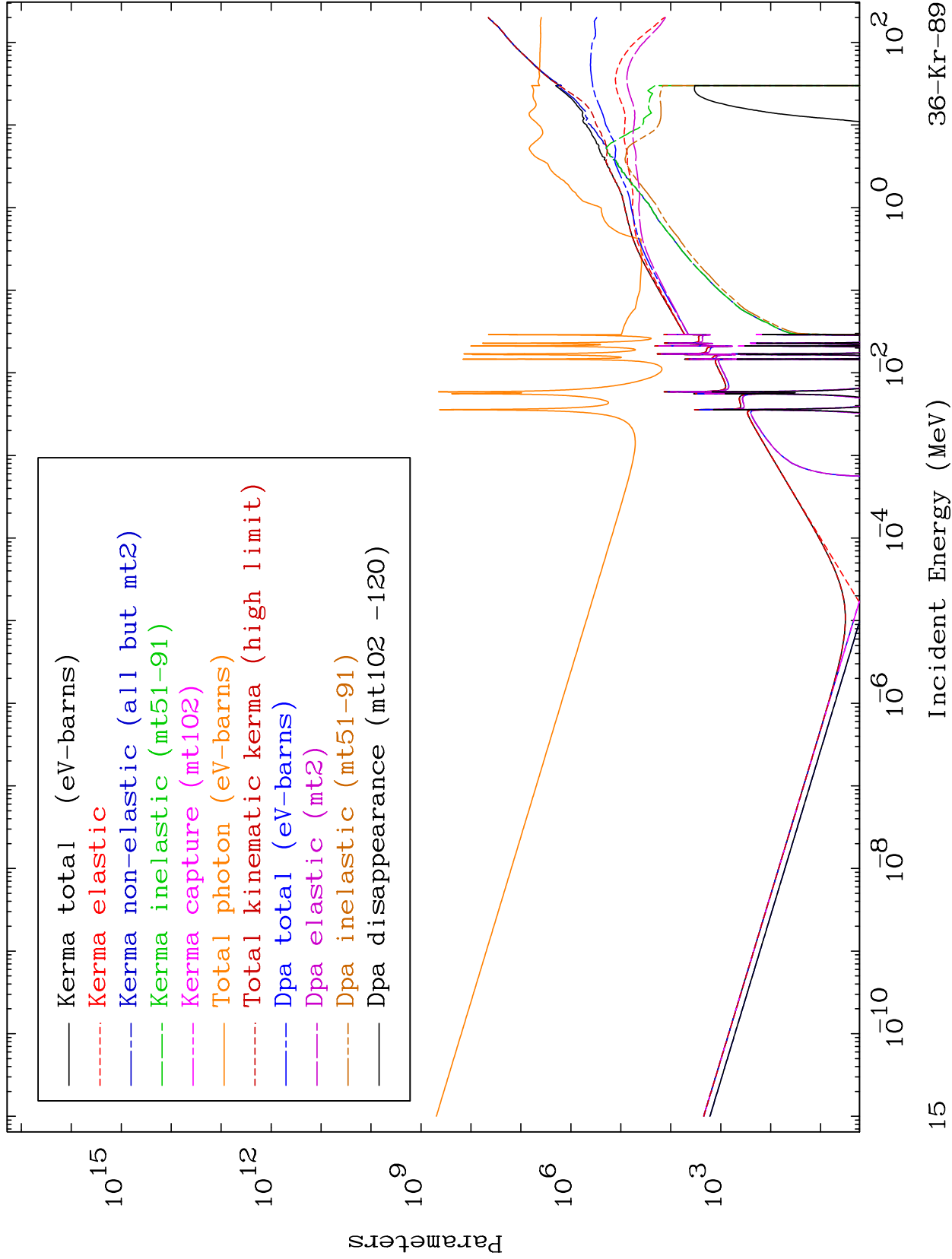
36-Kr-89



14

Incident Energy (MeV)

36-Kr-89

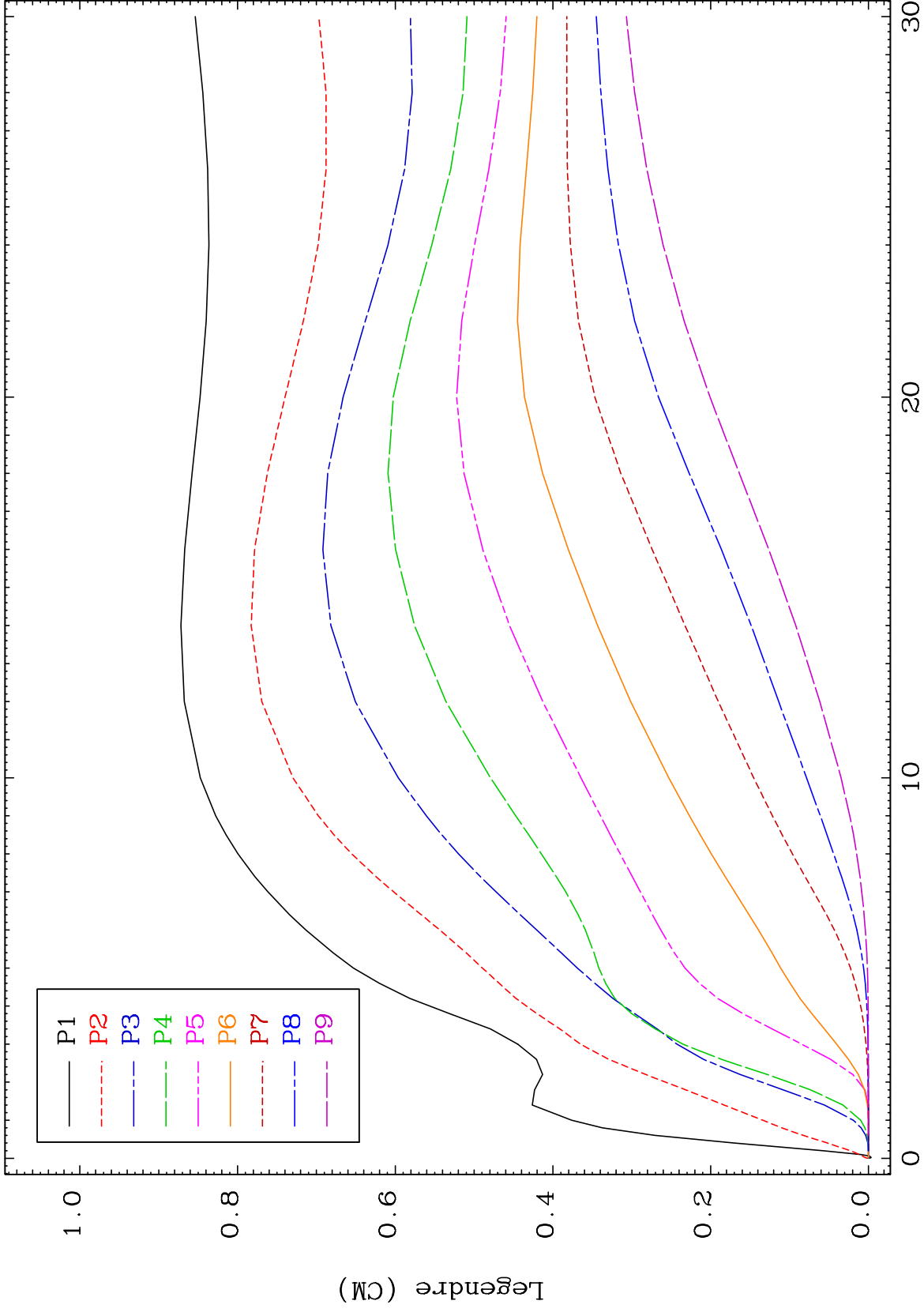




MAT 3658

Elastic Legendre Coefficients

36-Kr-89



16

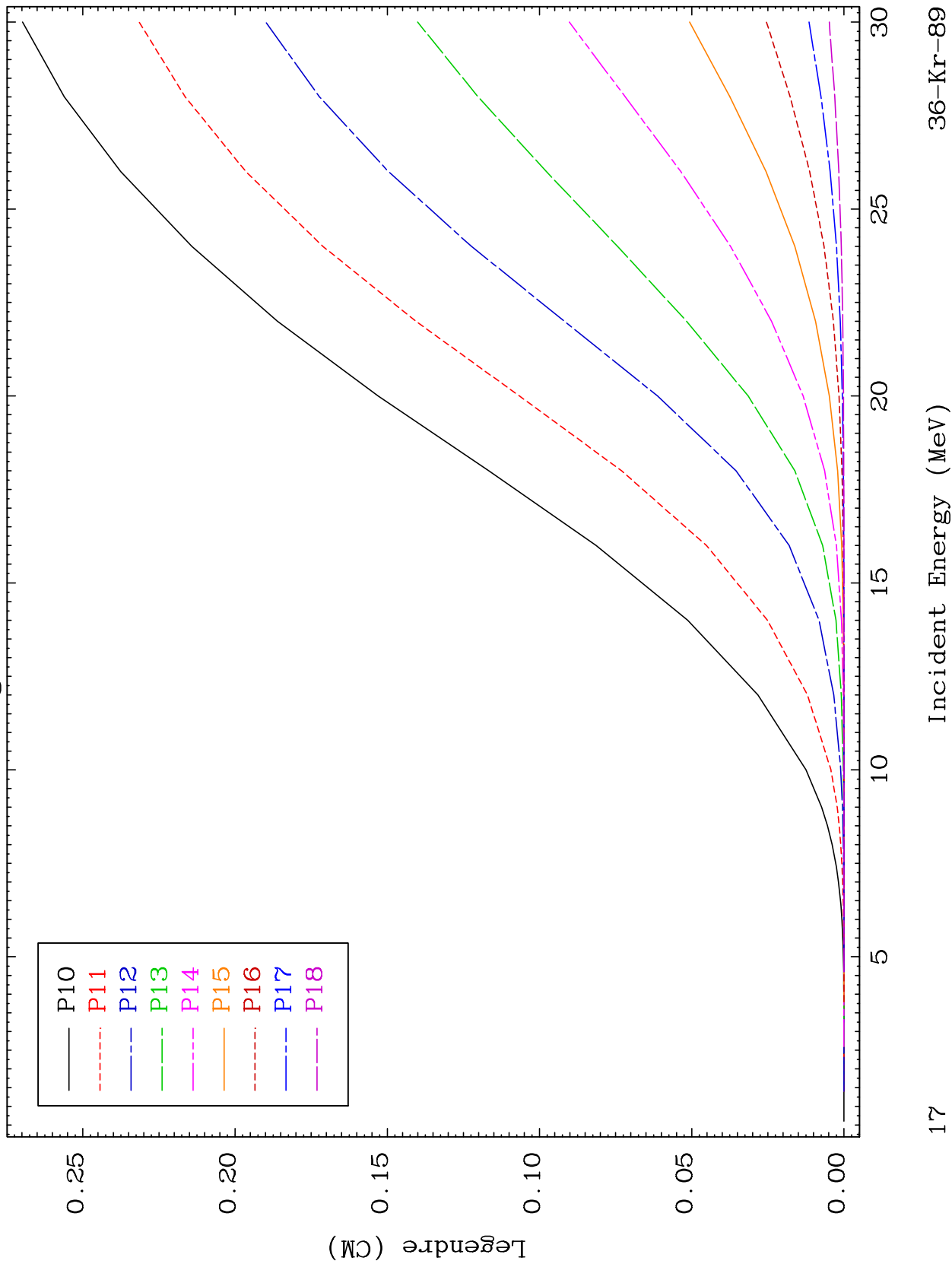
Incident Energy (MeV)

36-Kr-89

MAT 3658

Elastic Legendre Coefficients

36-Kr-89



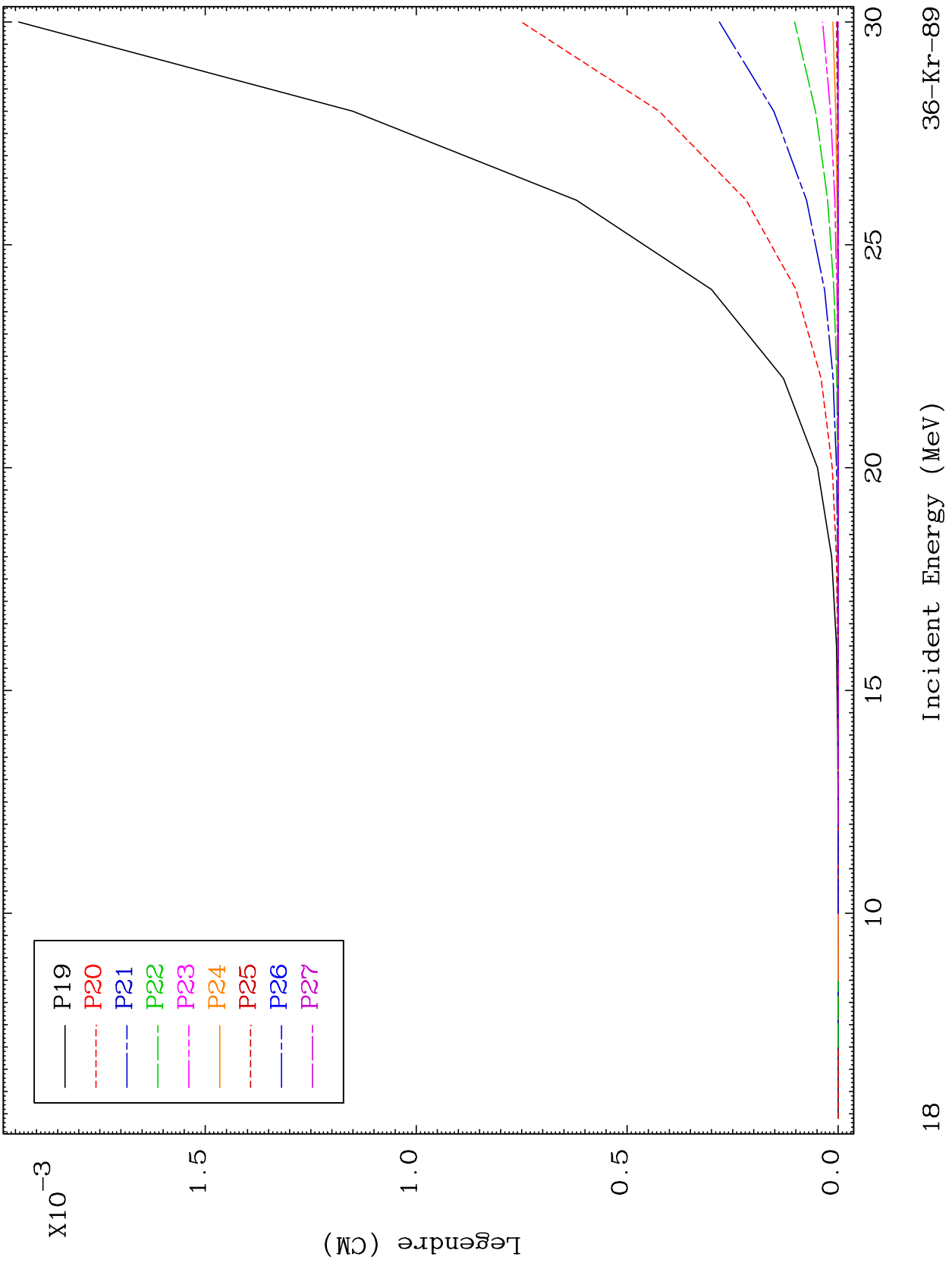
17

36-Kr-89

MAT 3658

### Elastic Legendre Coefficients

36-Kr-89



18

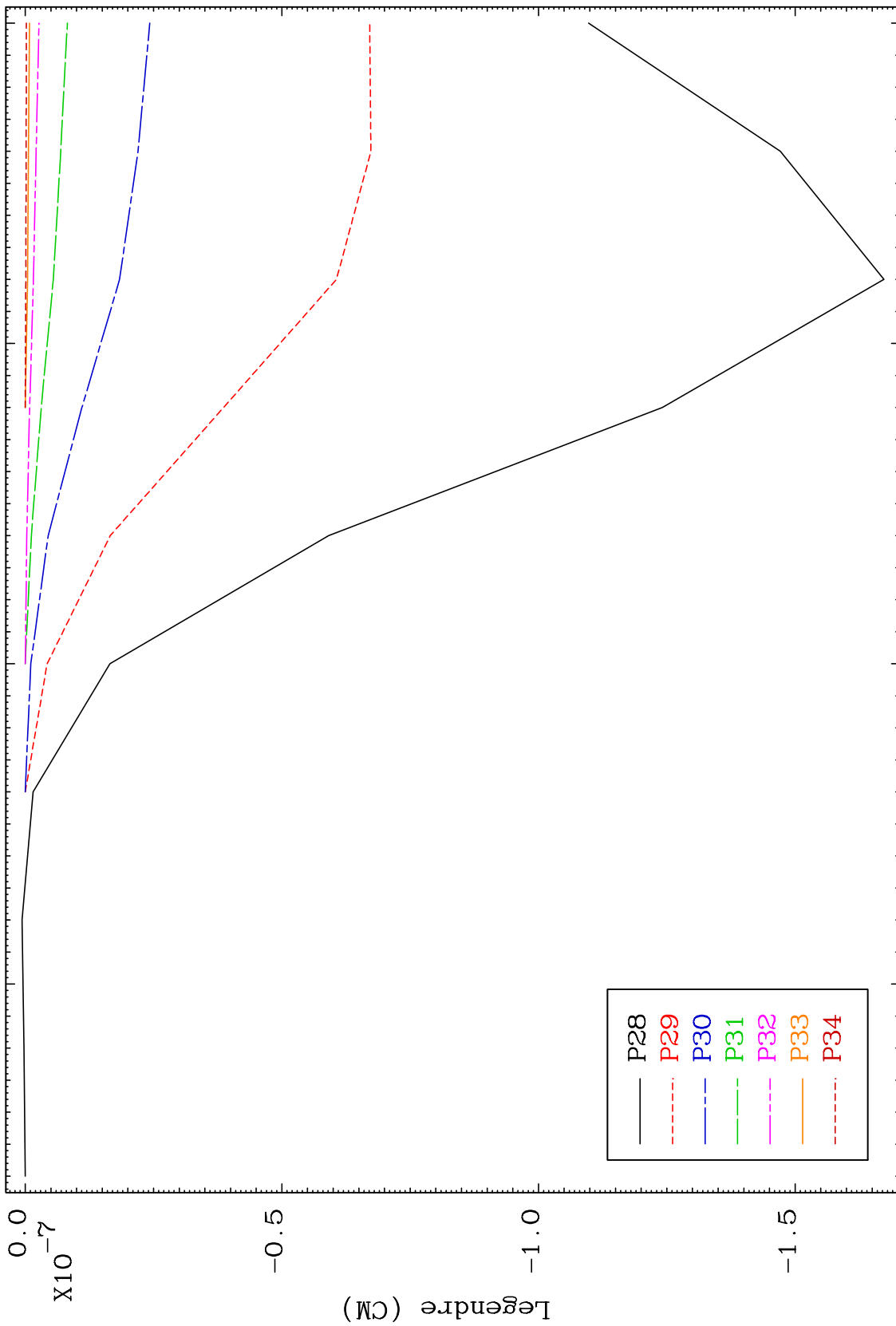
Incident Energy (MeV)

36-Kr-89

MAT 3658

36-Kr-89

Elastic Legendre Coefficients



19

Incident Energy (MeV)

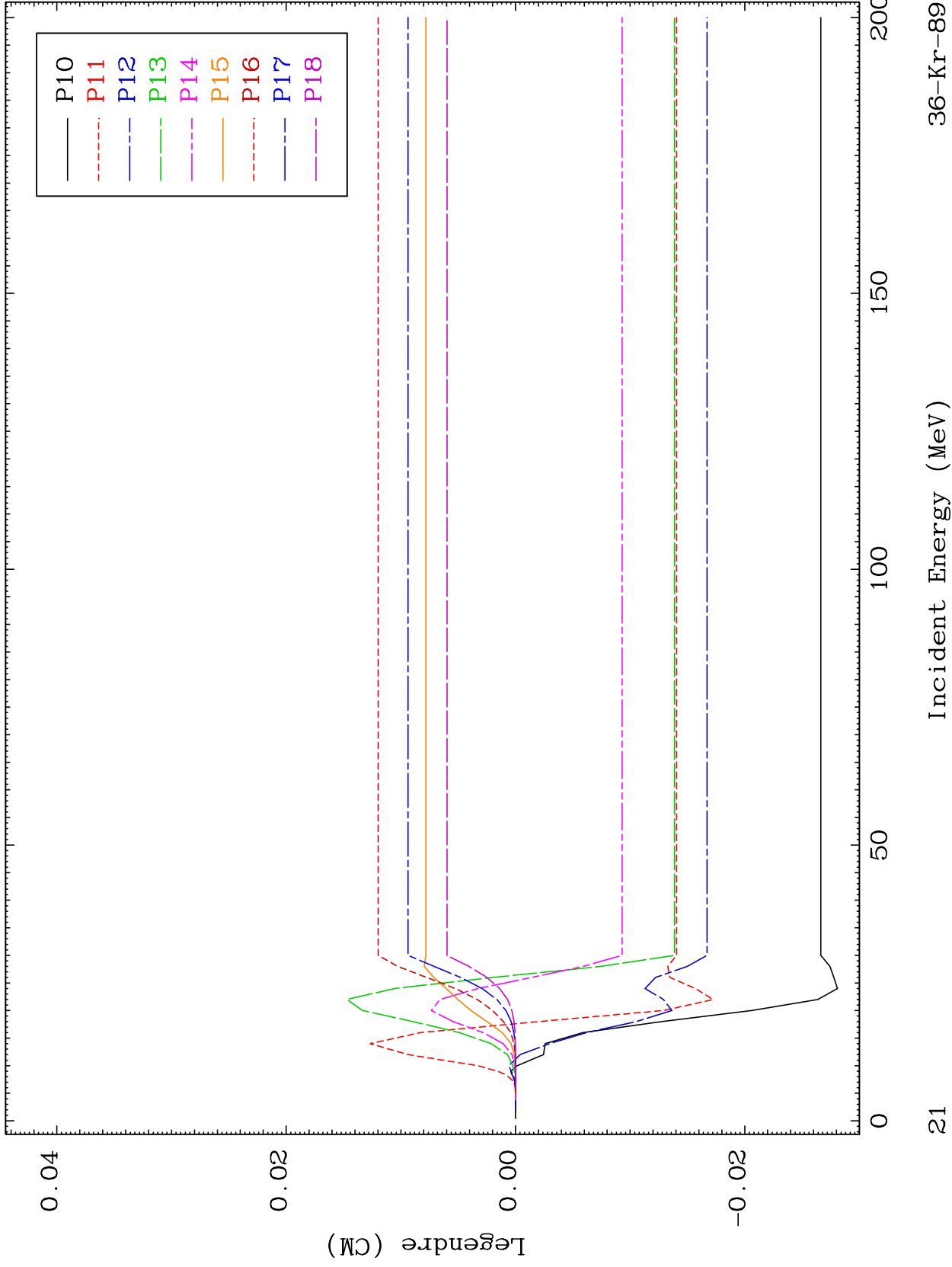
36-Kr-89

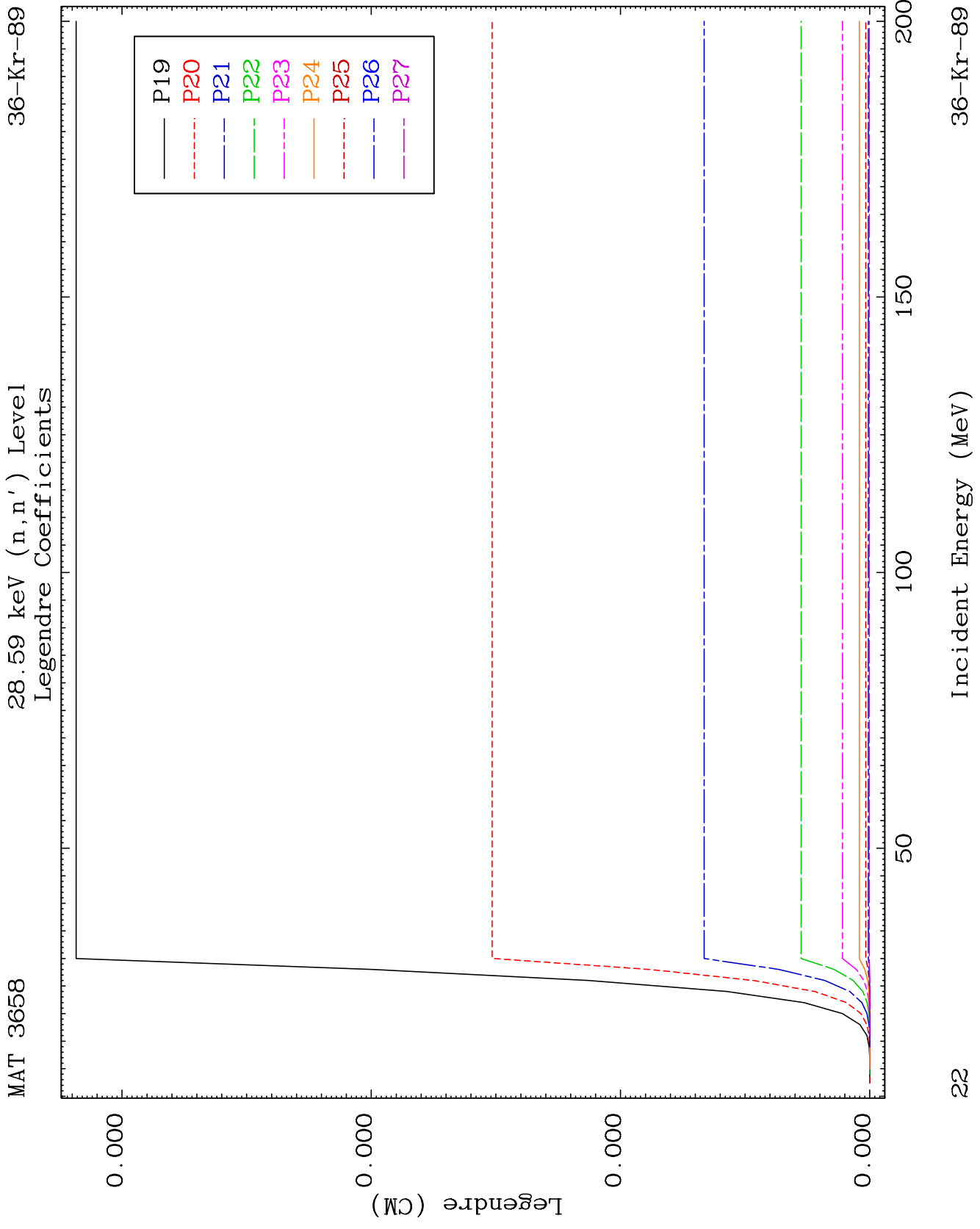


MAT 3658

28.59 keV (n,n') Level  
Legendre Coefficients

36-Kr-89

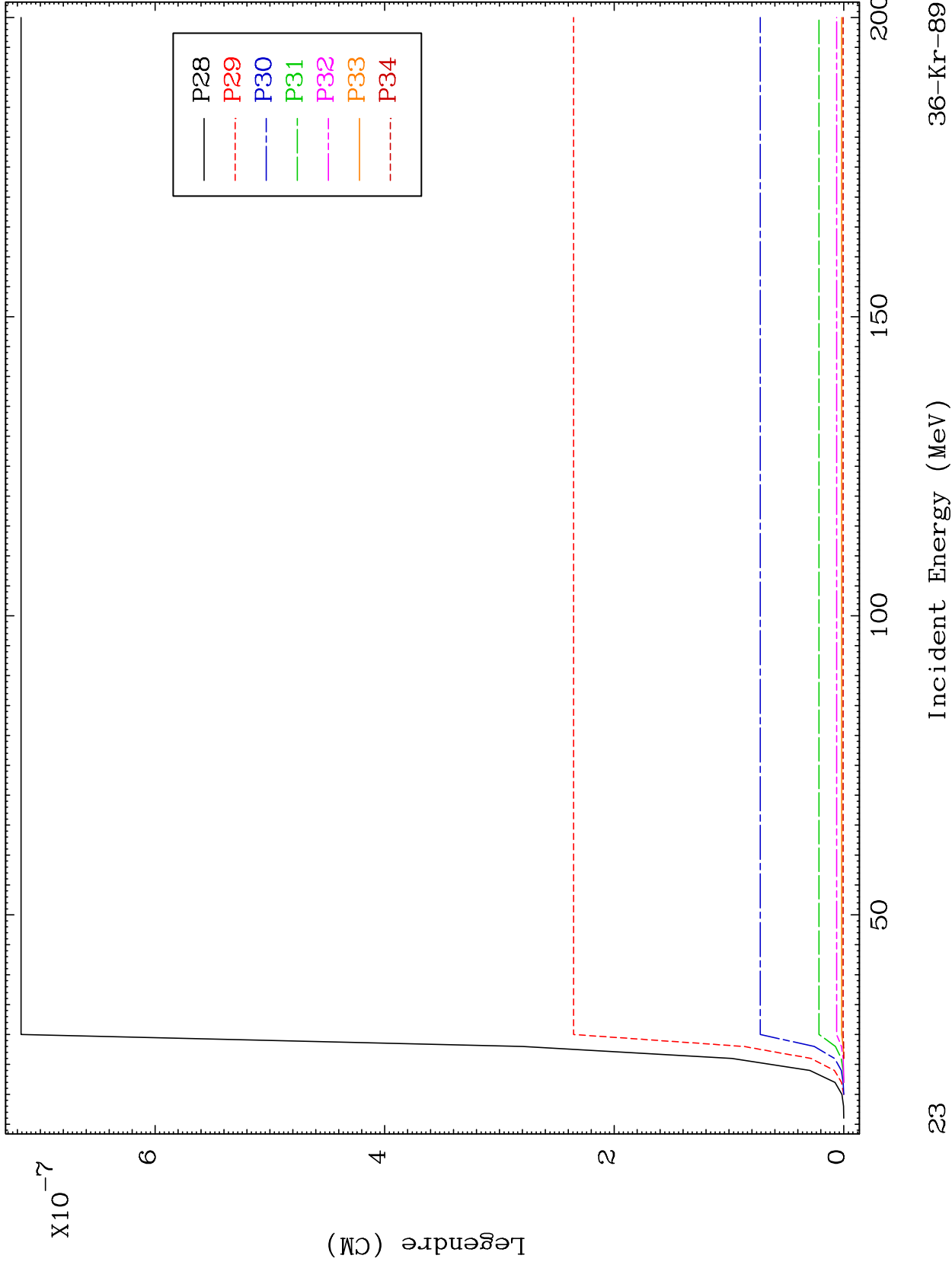




MAT 3658

28.59 keV (n,n') Level  
Legendre Coefficients

36-Kr-89



23

Incident Energy (MeV)

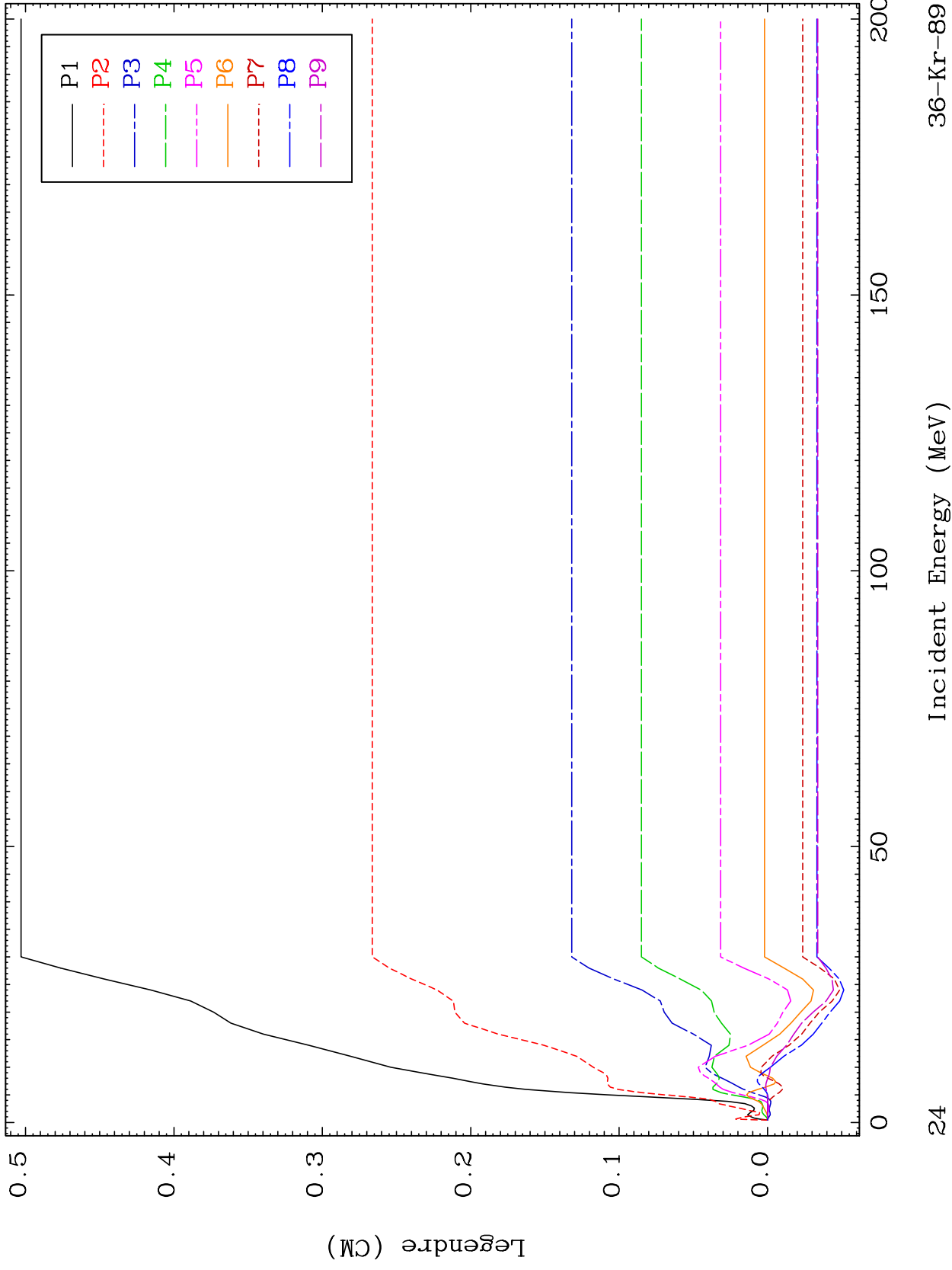
36-Kr-89



MAT 3658

411.4 keV (n,n') Level  
Legendre Coefficients

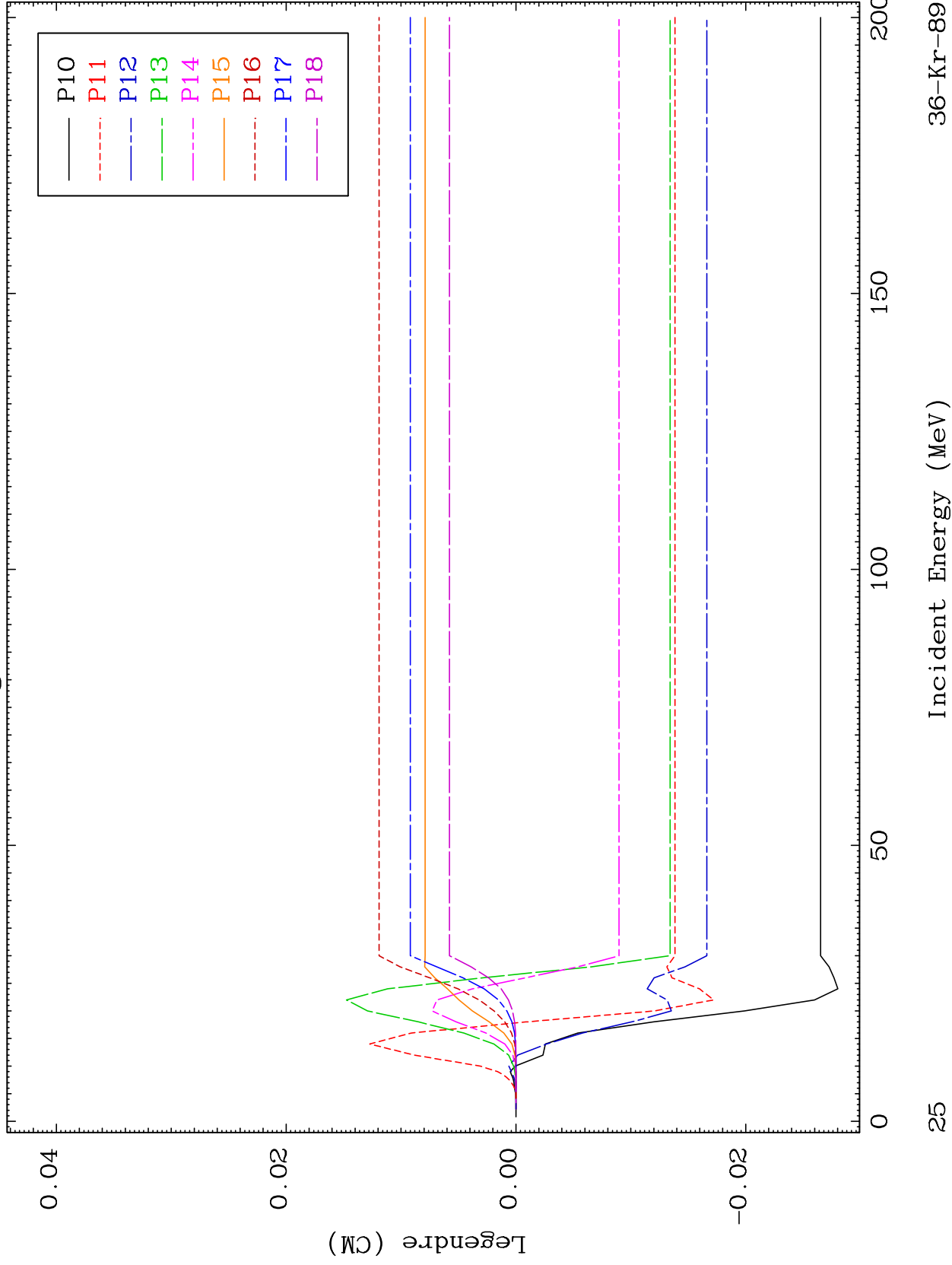
36-Kr-89



MAT 3658

411.4 keV (n,n') Level  
Legendre Coefficients

36-Kr-89



36-Kr-89

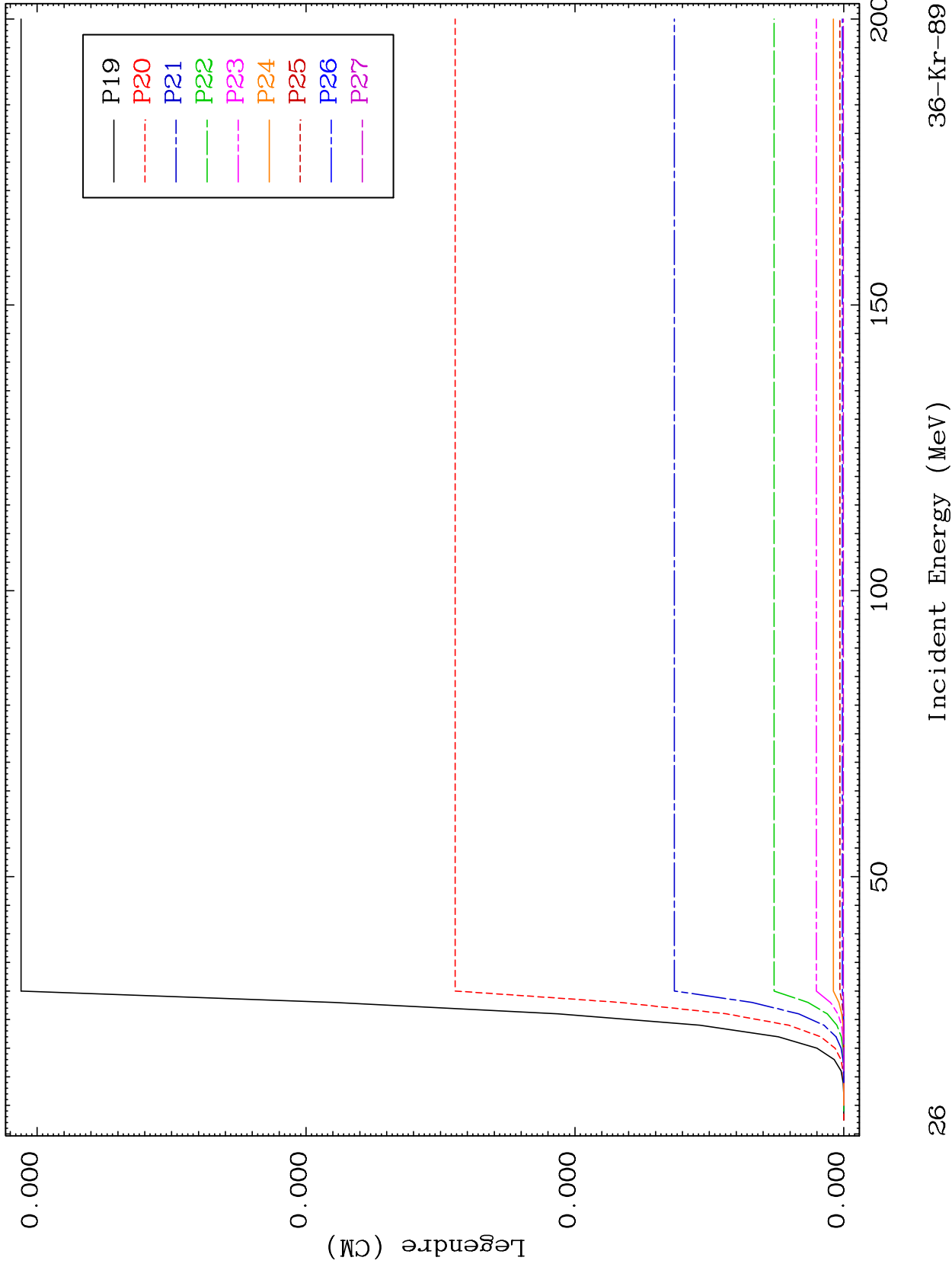
Incident Energy (MeV)

25

MAT 3658

411.4 keV (n,n') Level  
Legendre Coefficients

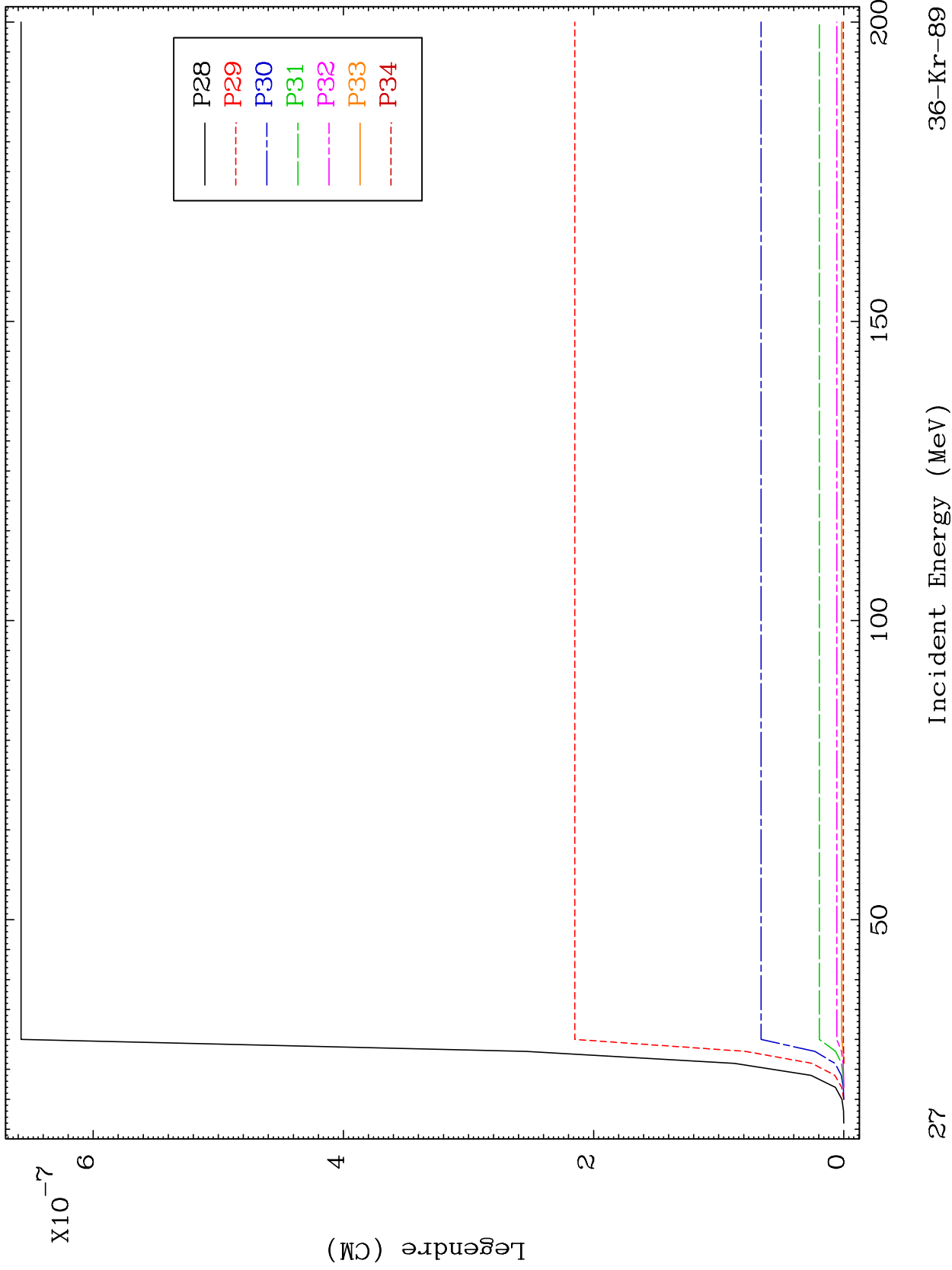
36-Kr-89



26

Incident Energy (MeV)

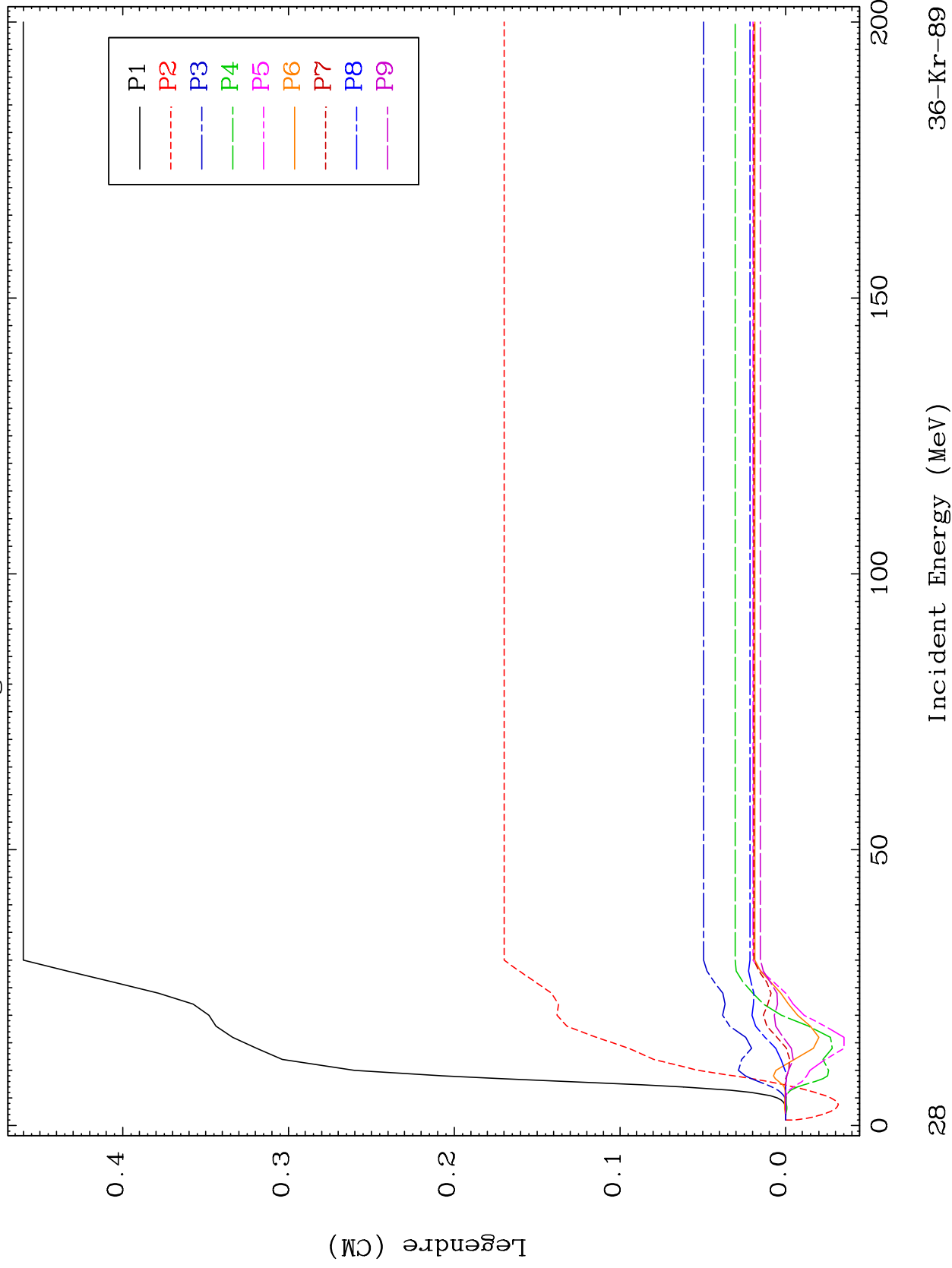
36-Kr-89



MAT 3658

982.1 keV (n,n') Level  
Legendre Coefficients

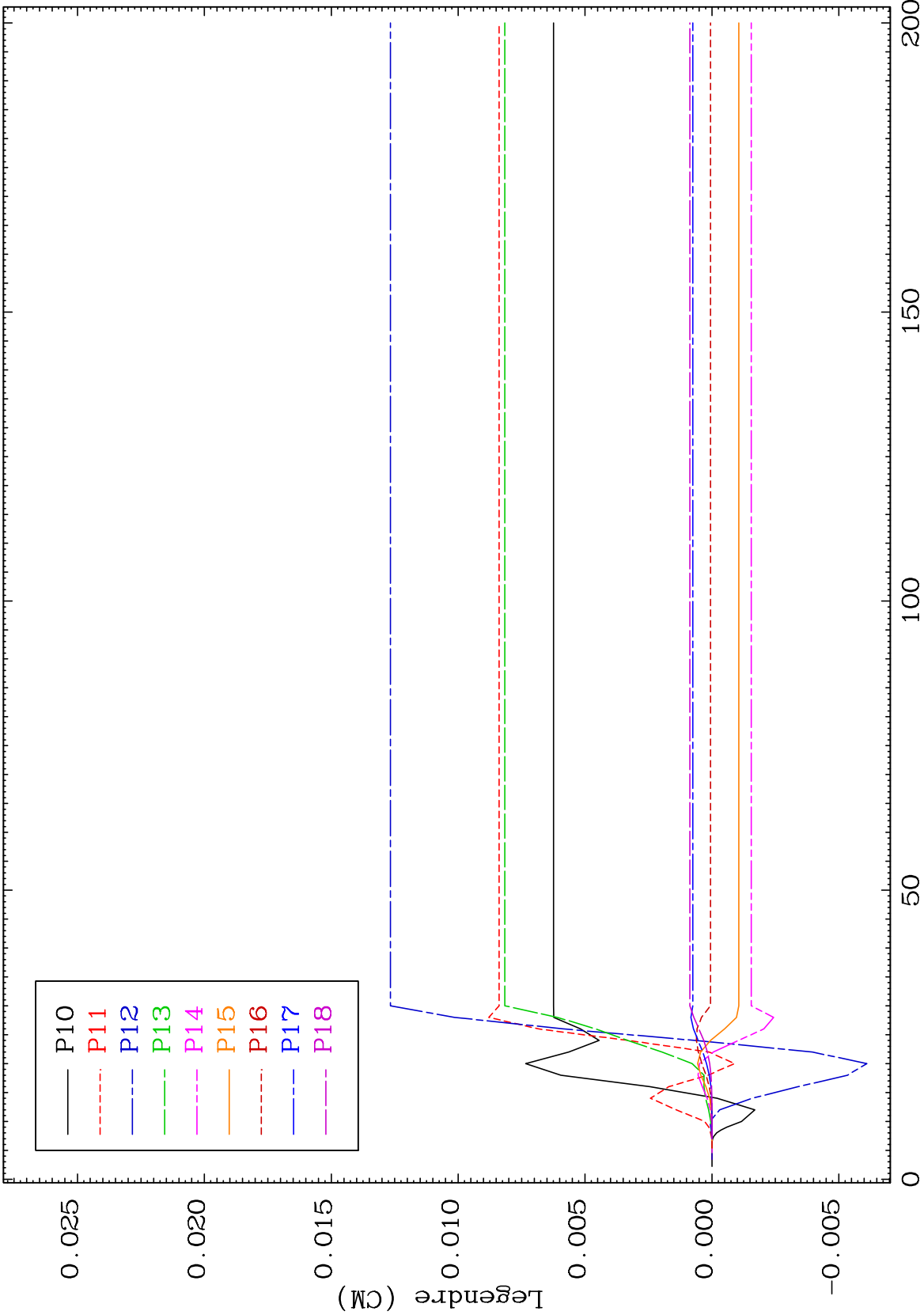
36-Kr-89



36-Kr-89

Incident Energy (MeV)

28

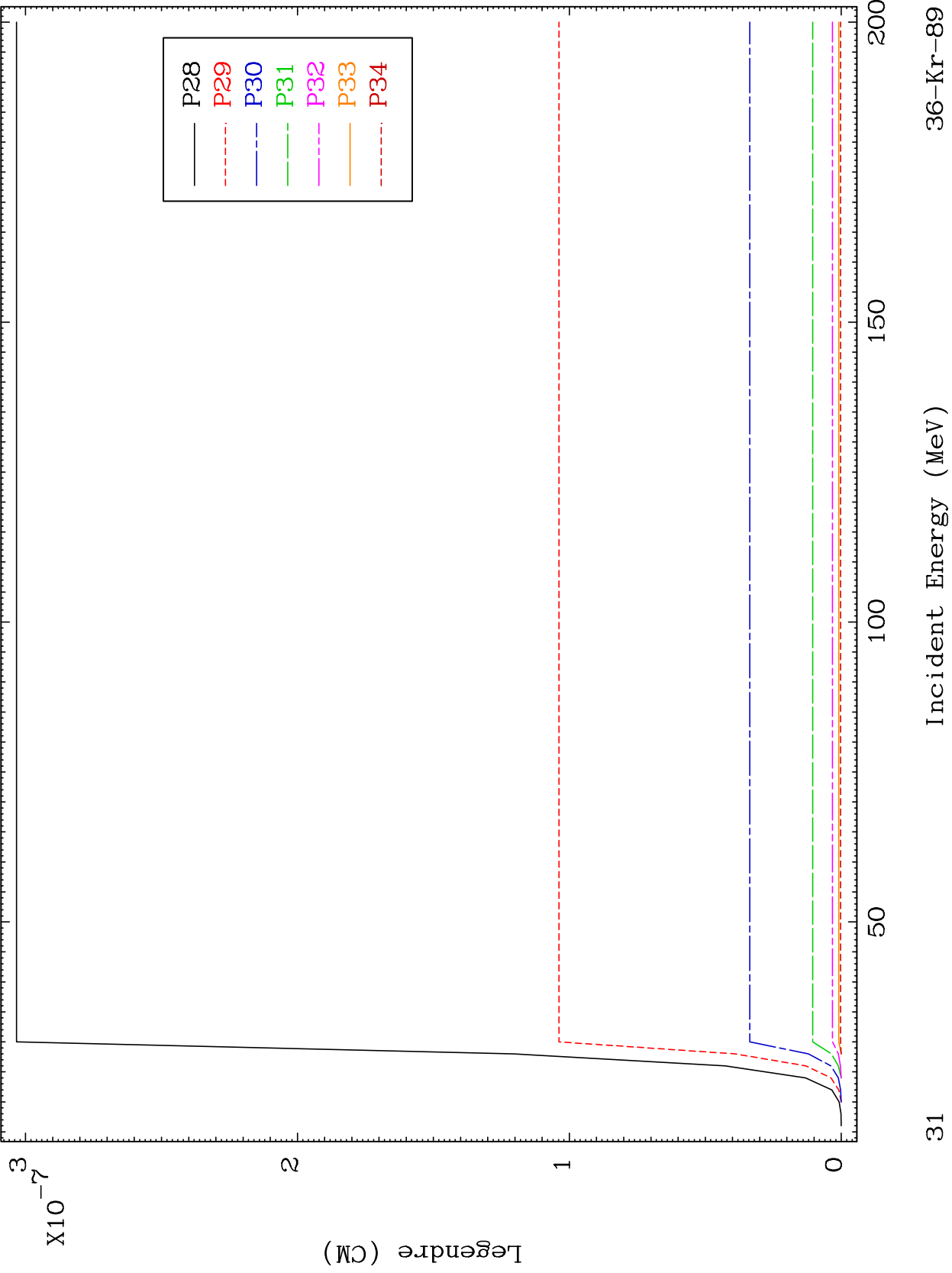




MAT 3658

982.1 keV (n,n') Level  
Legendre Coefficients

36-Kr-89

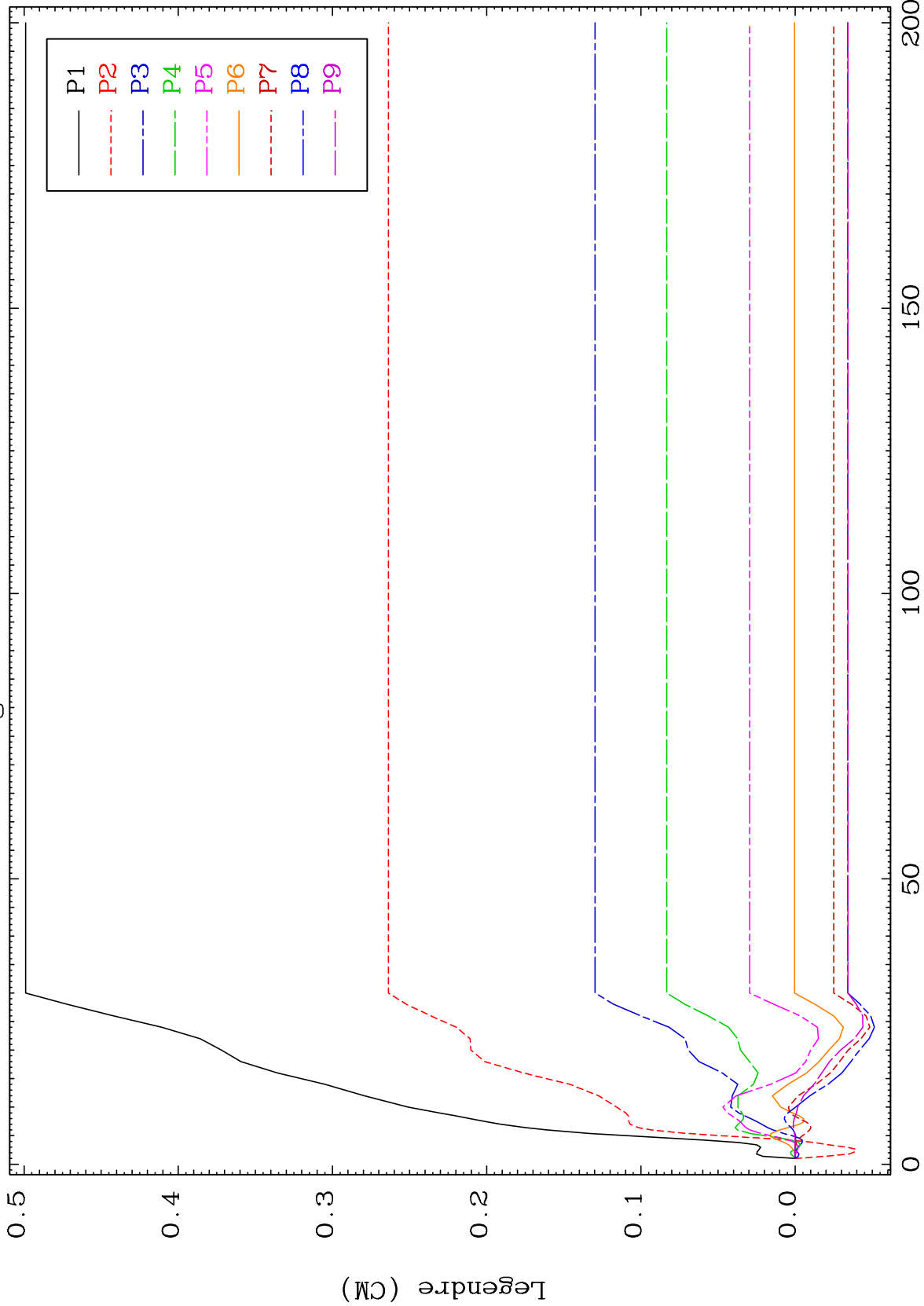




MAT 3658

991.4 keV (n,n') Level  
Legendre Coefficients

36-Kr-89



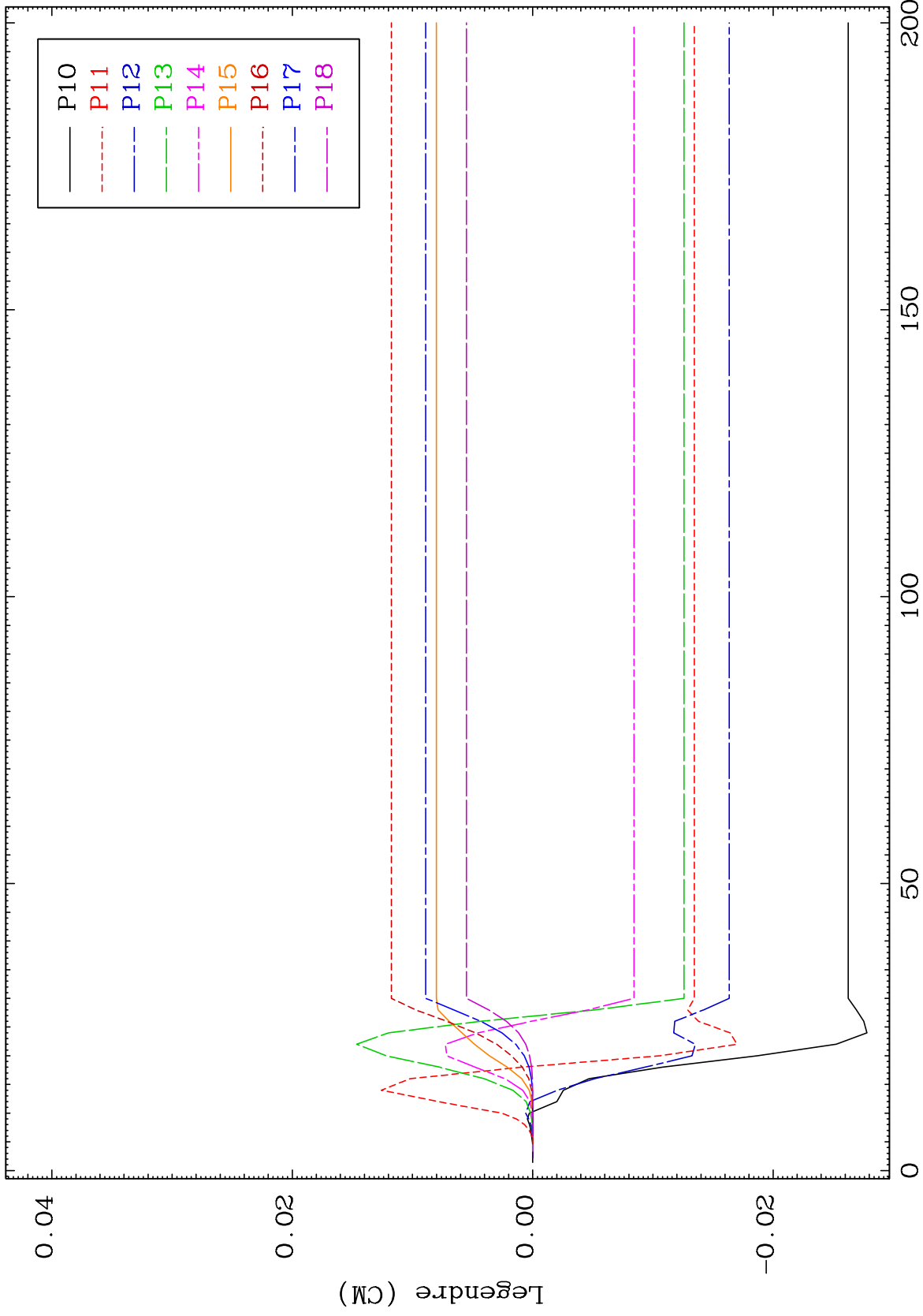
32

36-Kr-89

MAT 3658

991.4 keV (n,n') Level  
Legendre Coefficients

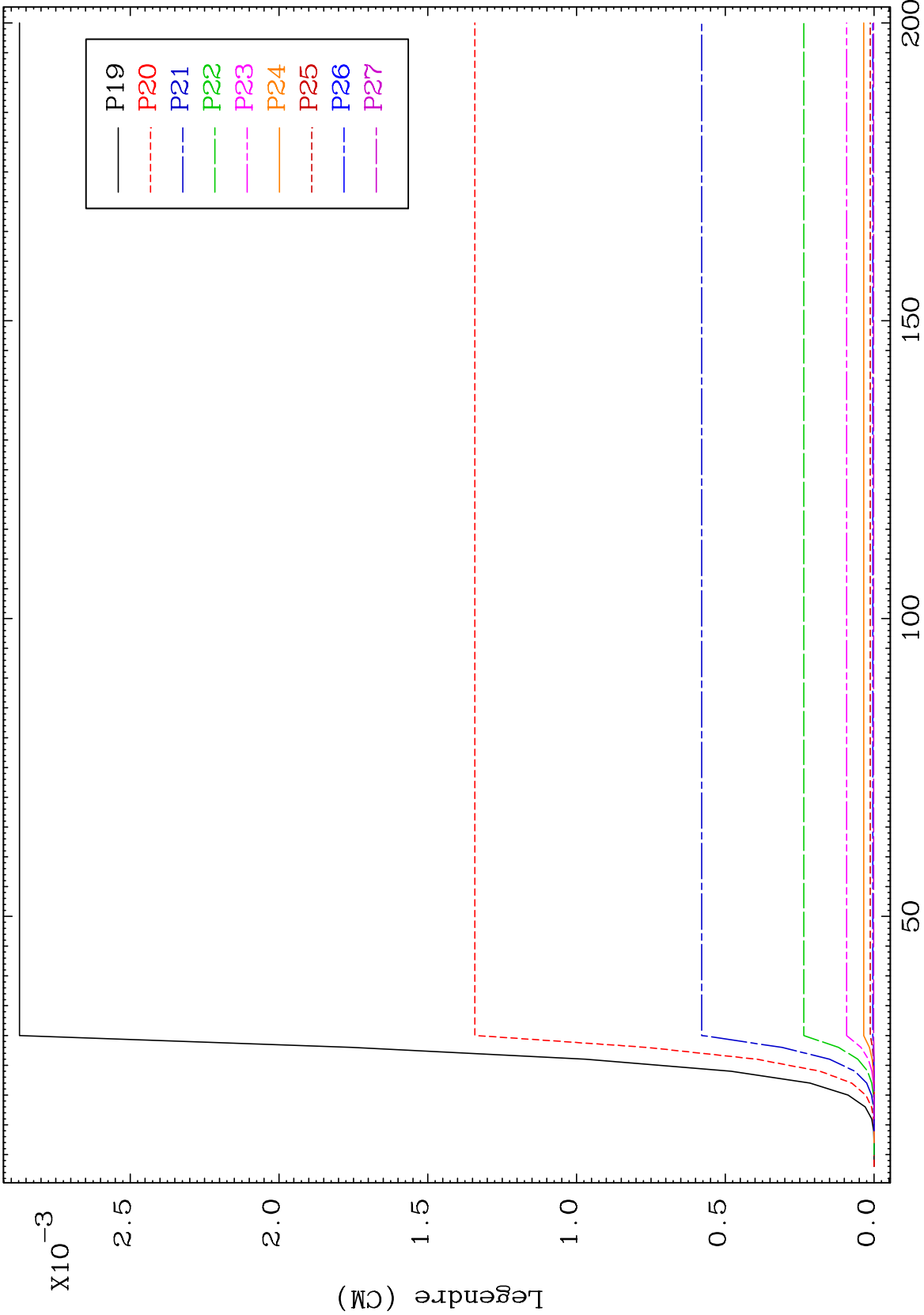
36-Kr-89



33

Incident Energy (MeV)

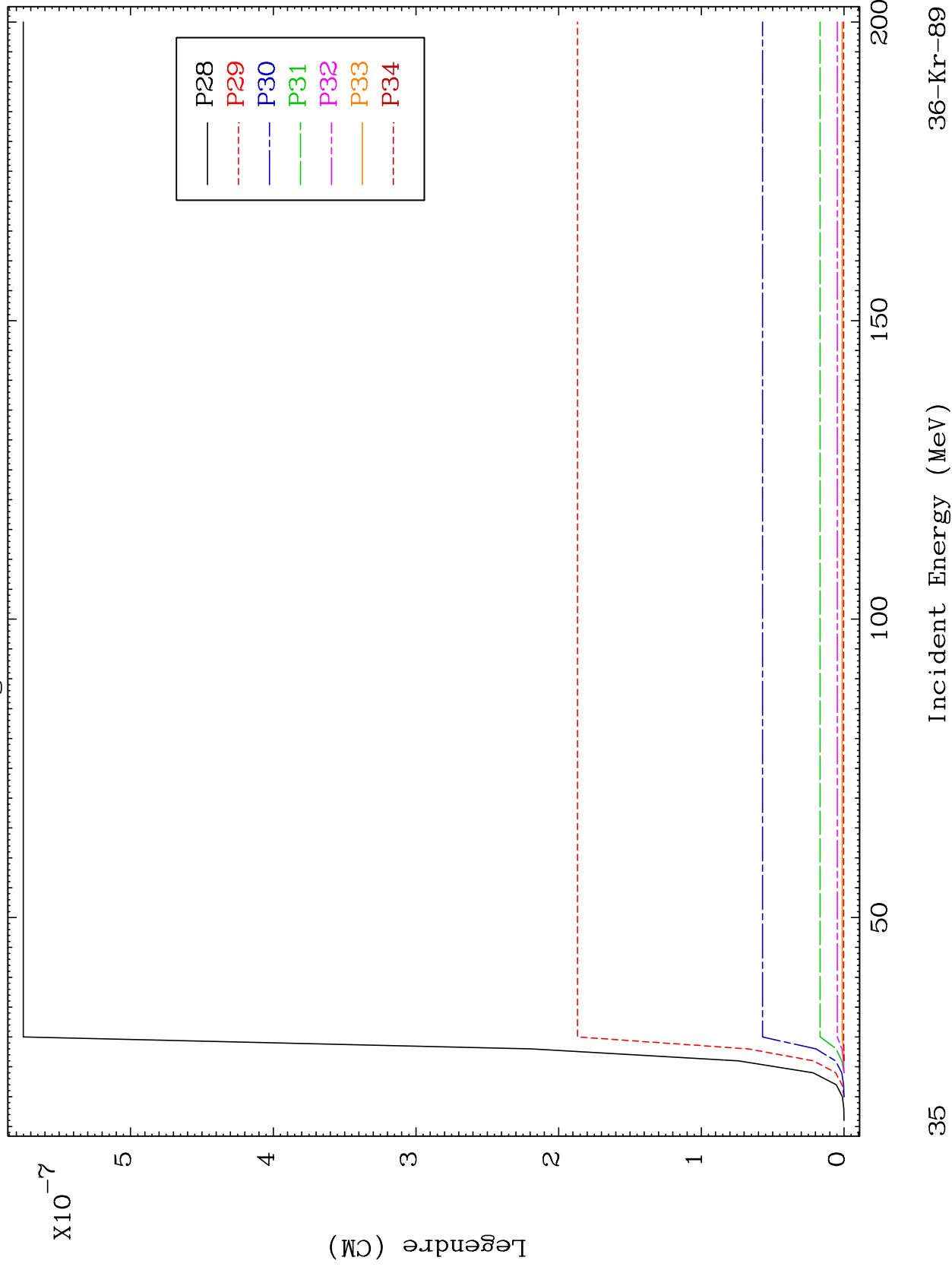
36-Kr-89



MAT 3658

991.4 keV (n,n') Level  
Legendre Coefficients

36-Kr-89



35

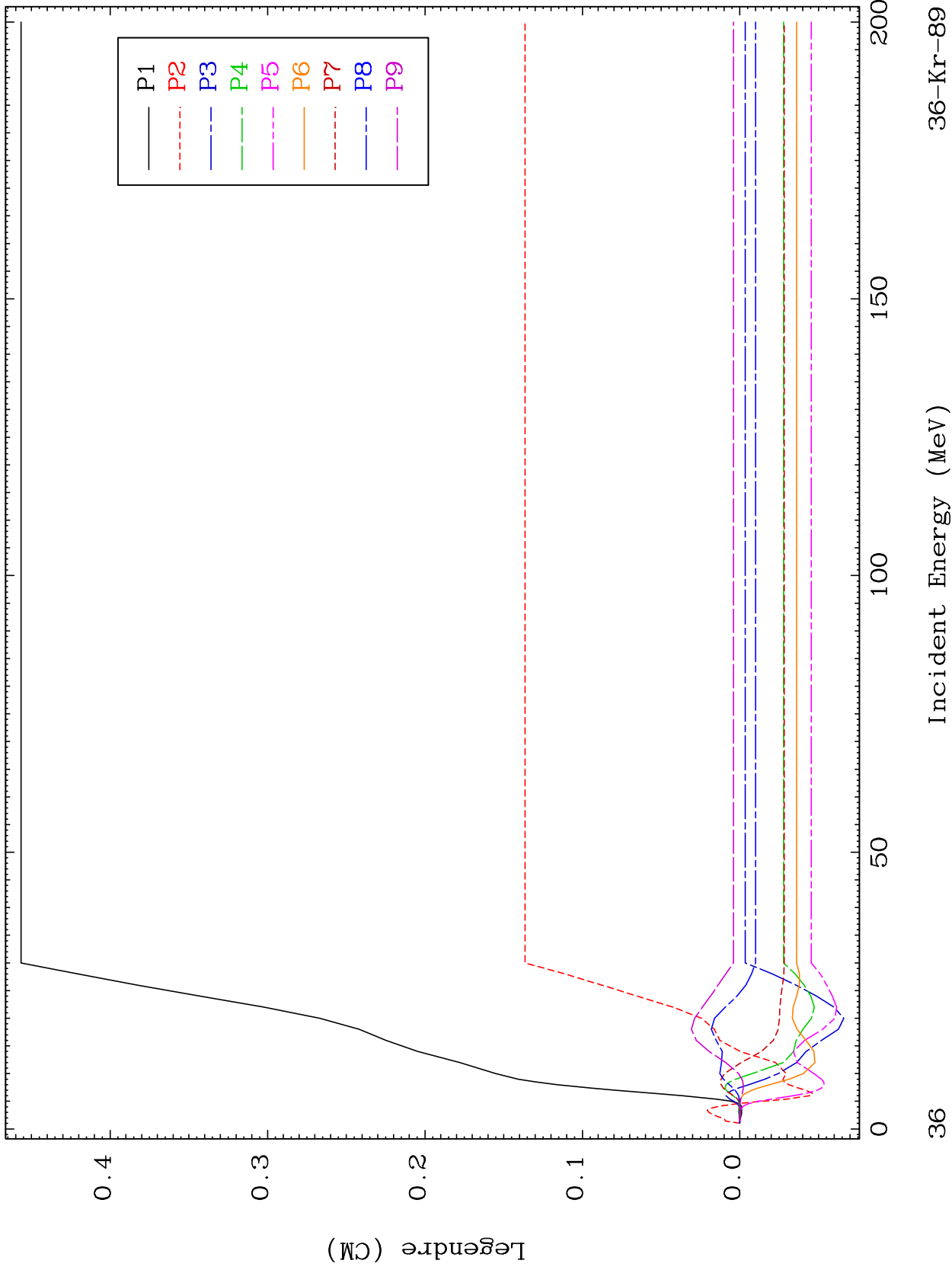
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.027 MeV (n,n') Level  
Legendre Coefficients

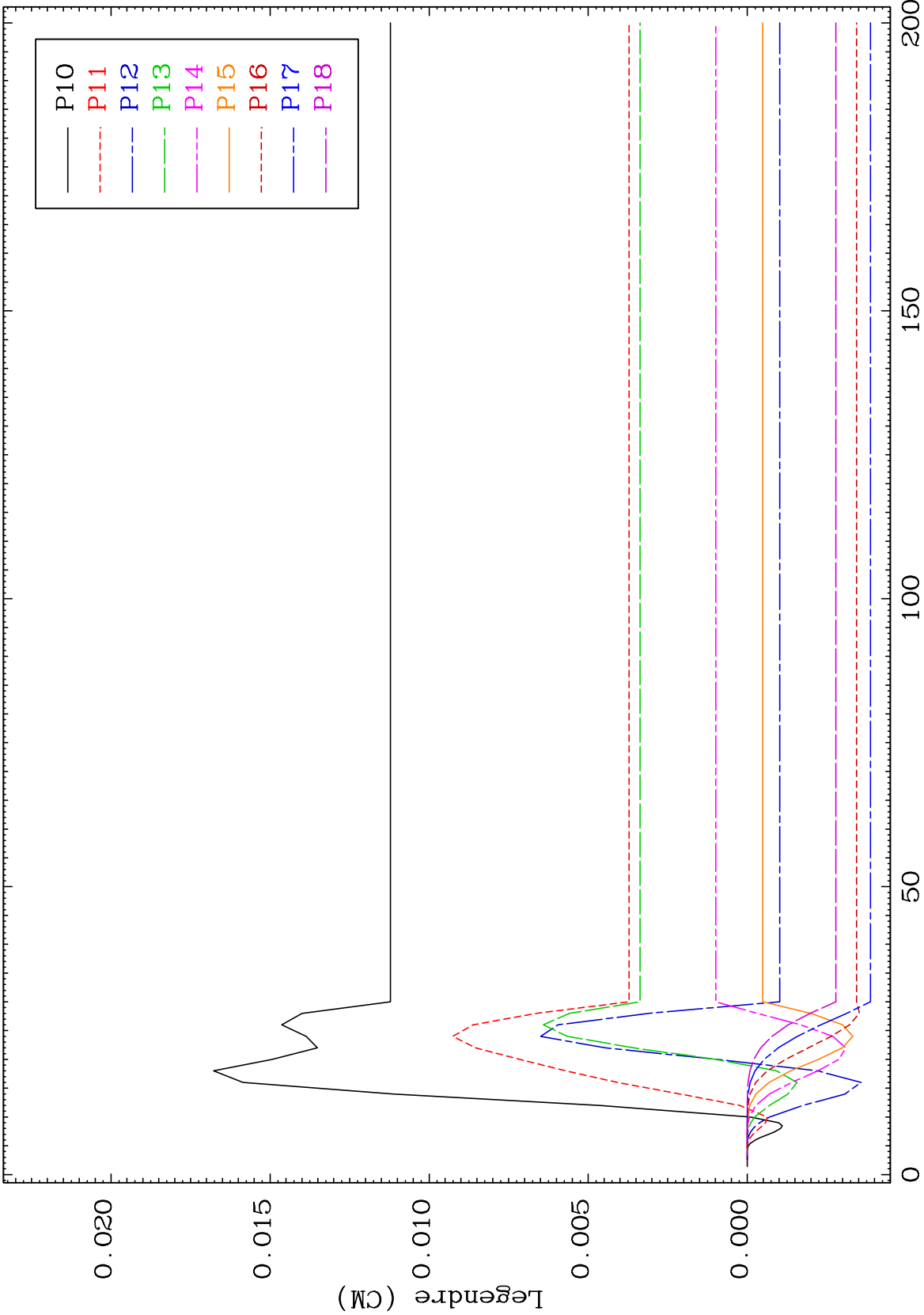
36-Kr-89

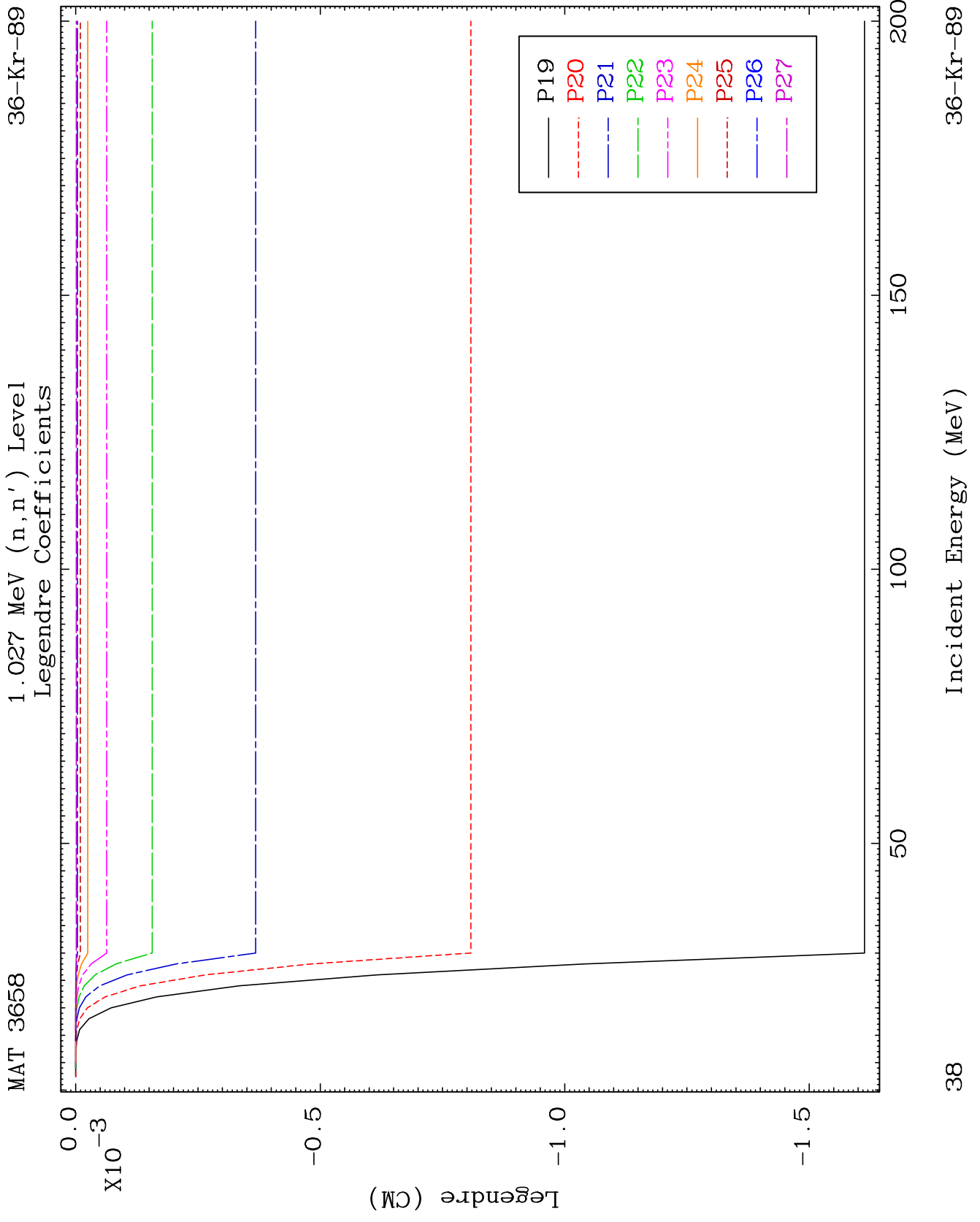


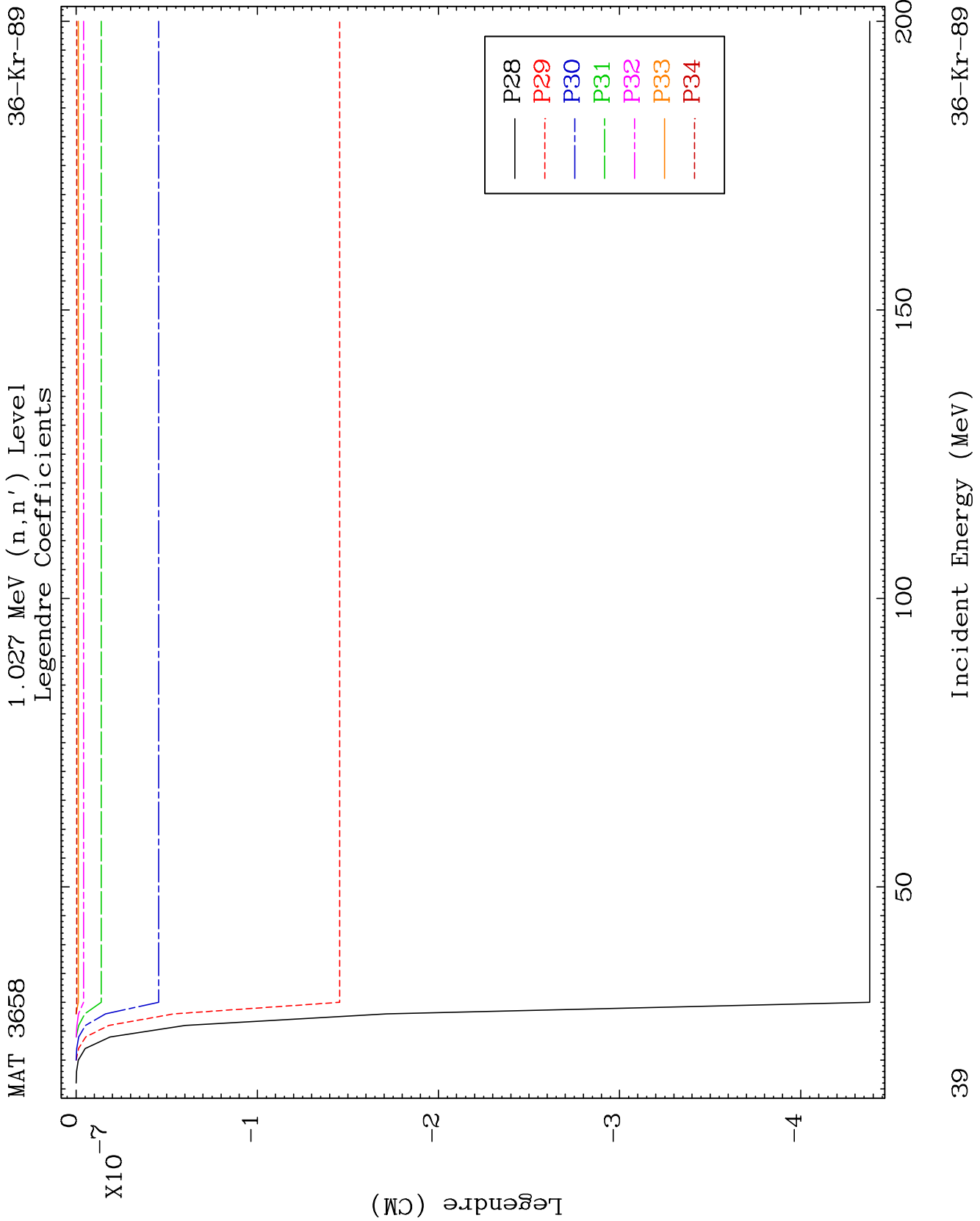
36

Incident Energy (MeV)

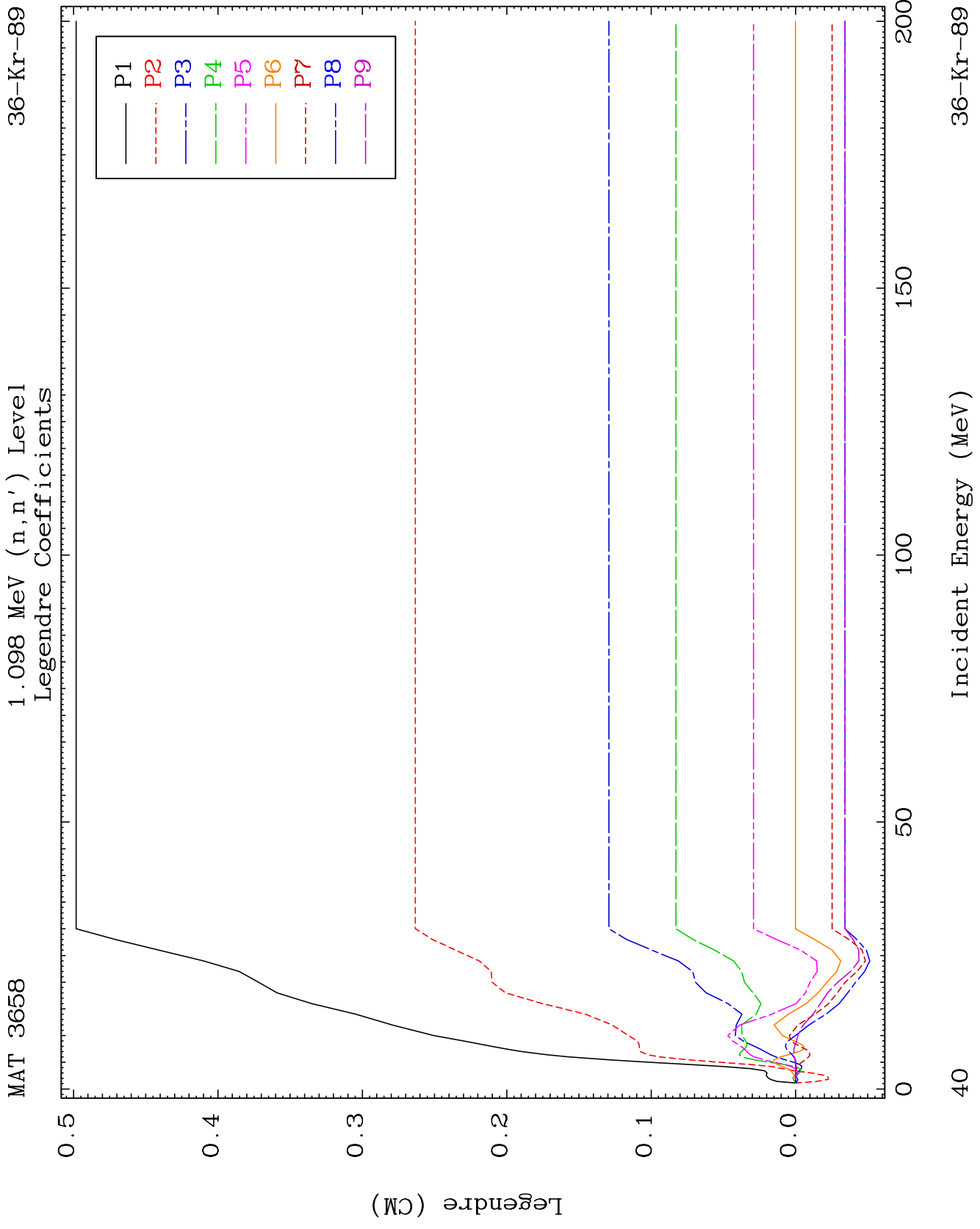
36-Kr-89







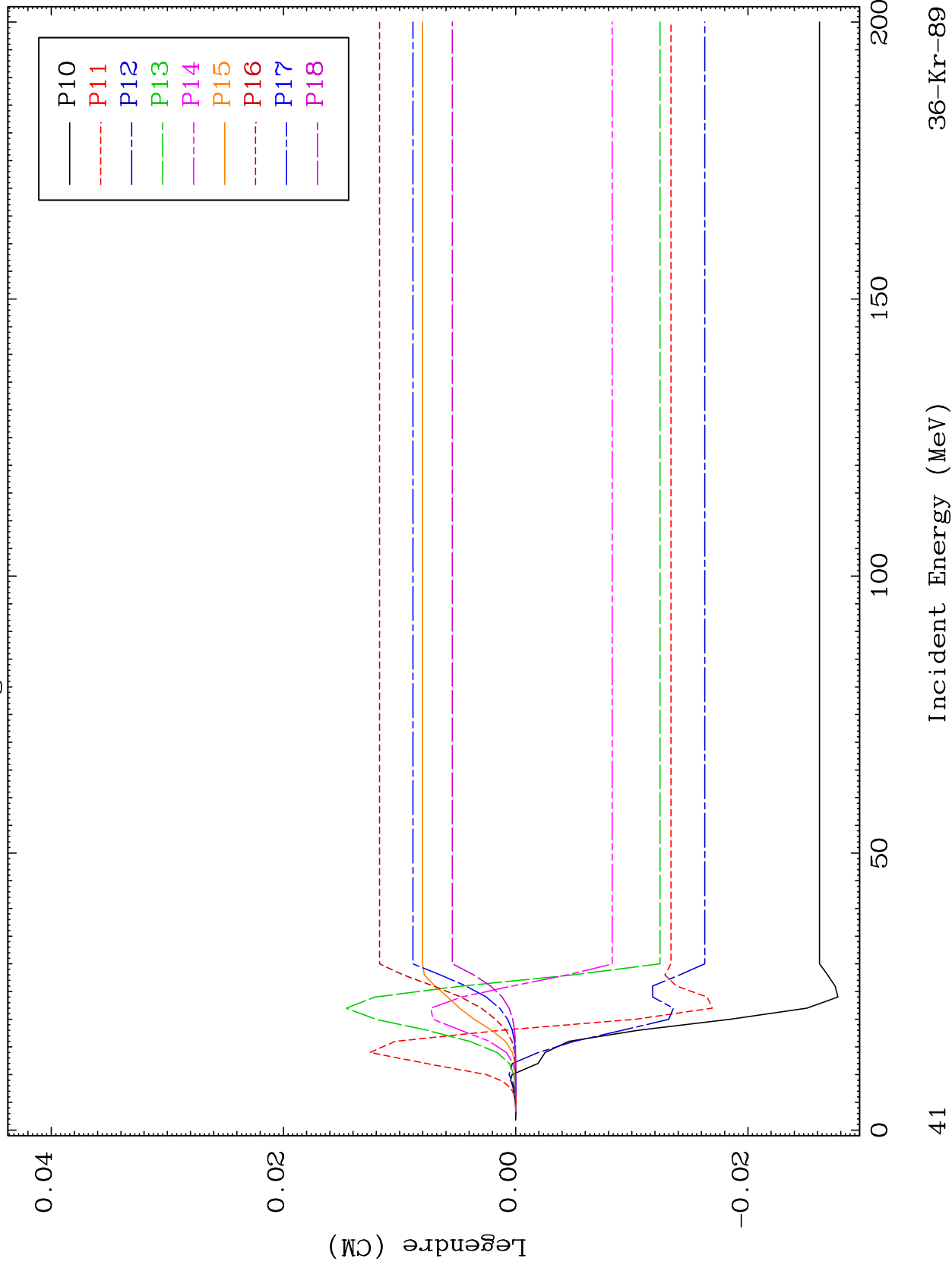


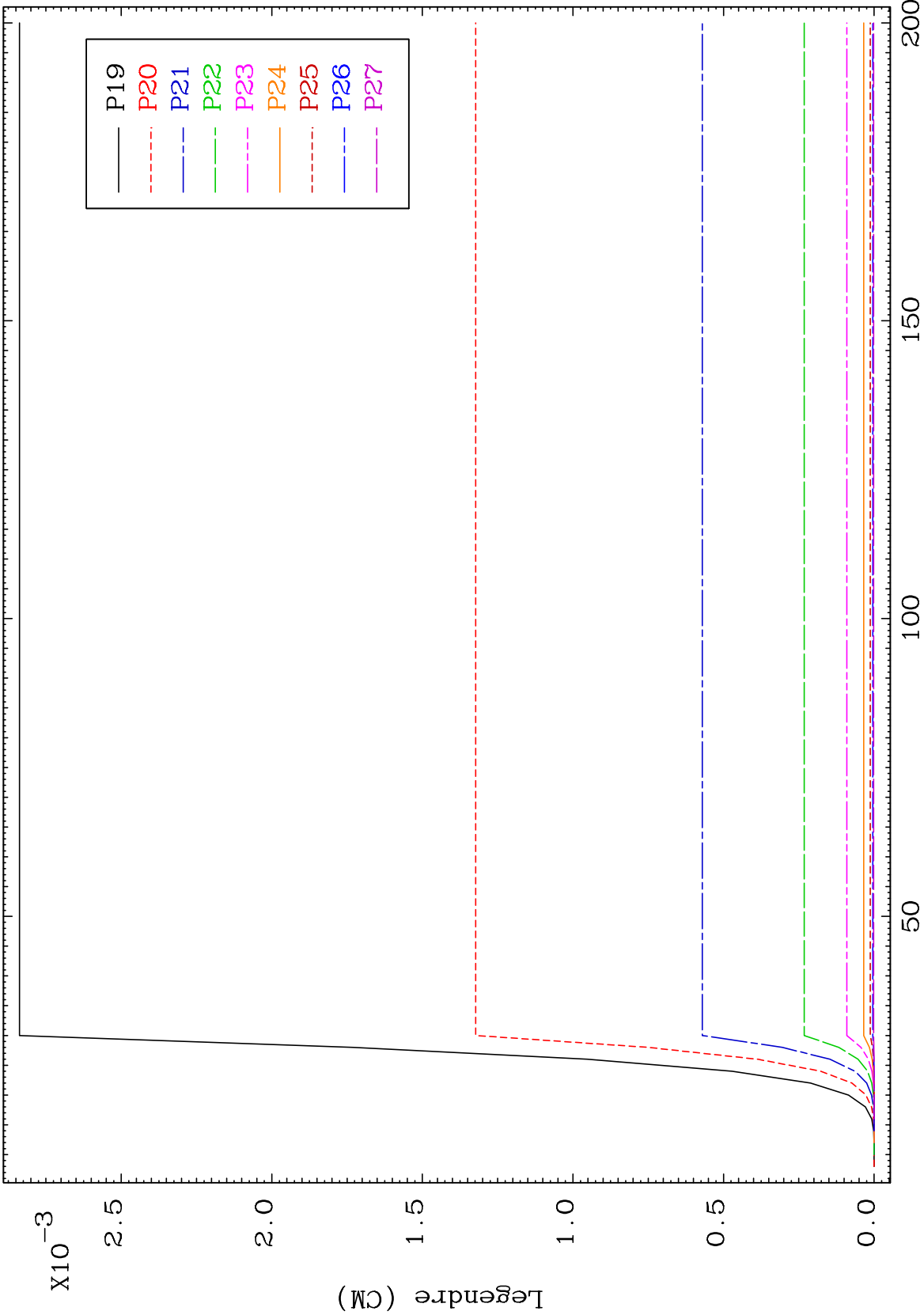


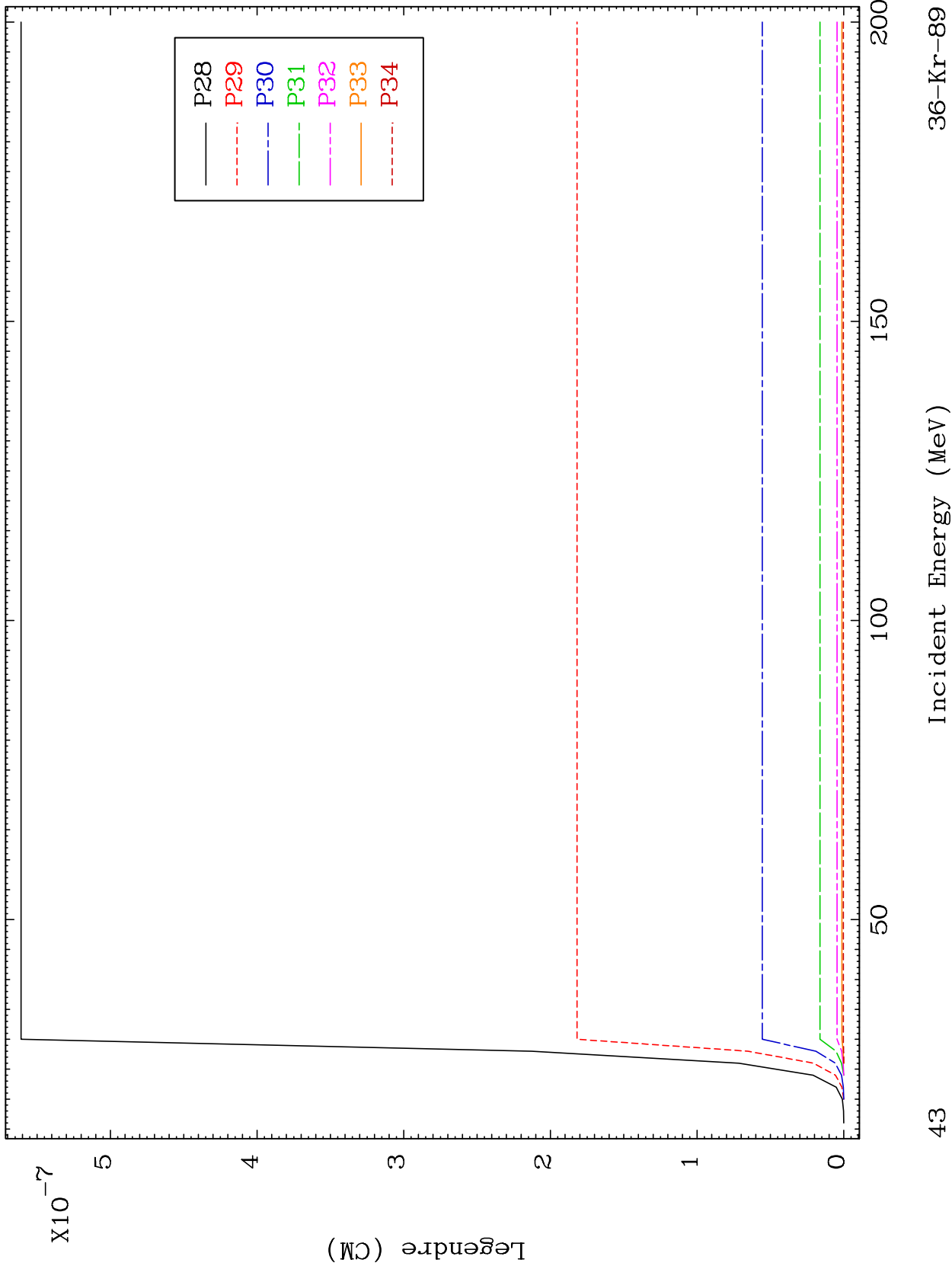
MAT 3658

1.098 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



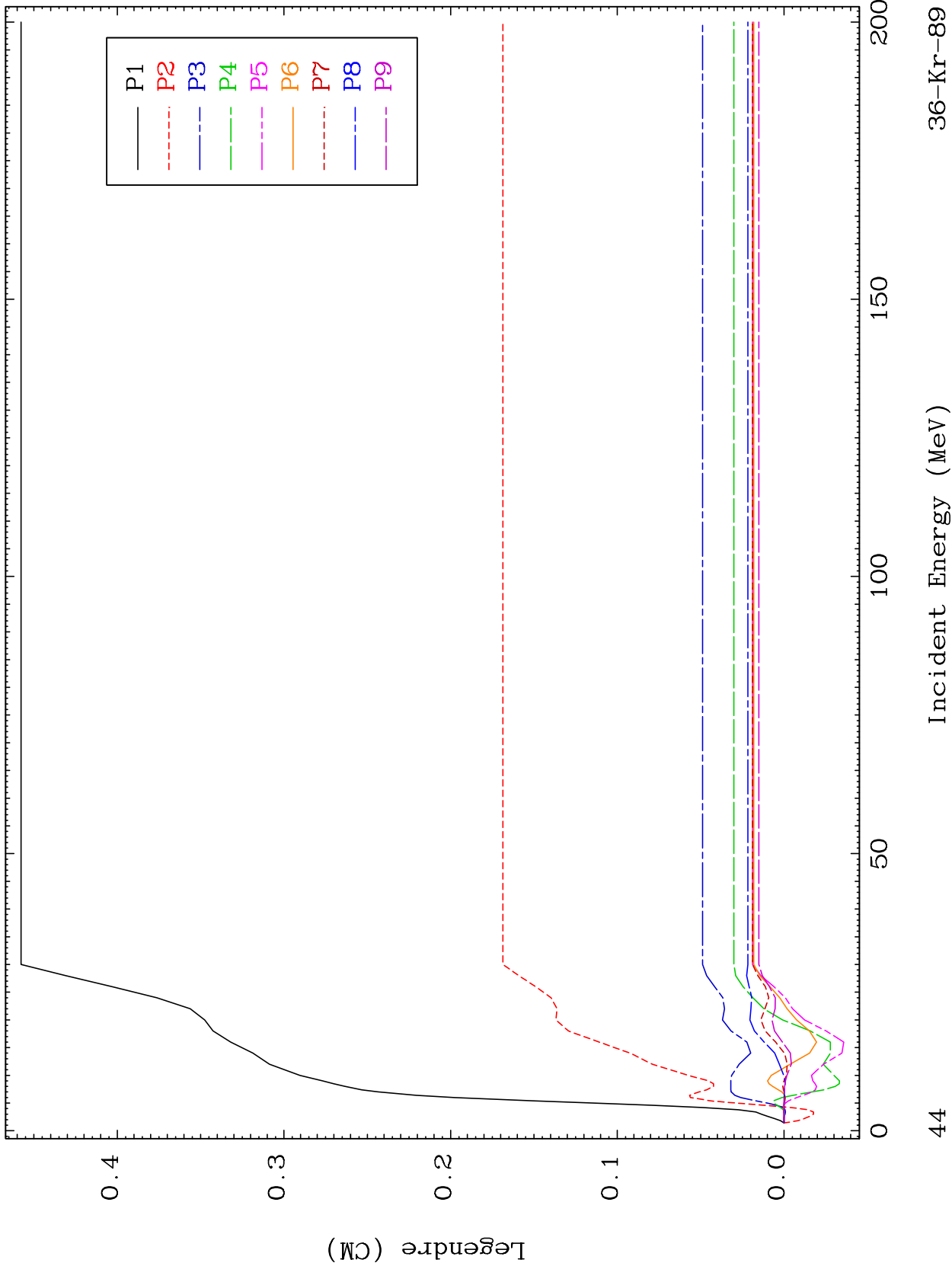




MAT 3658

1.380 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89

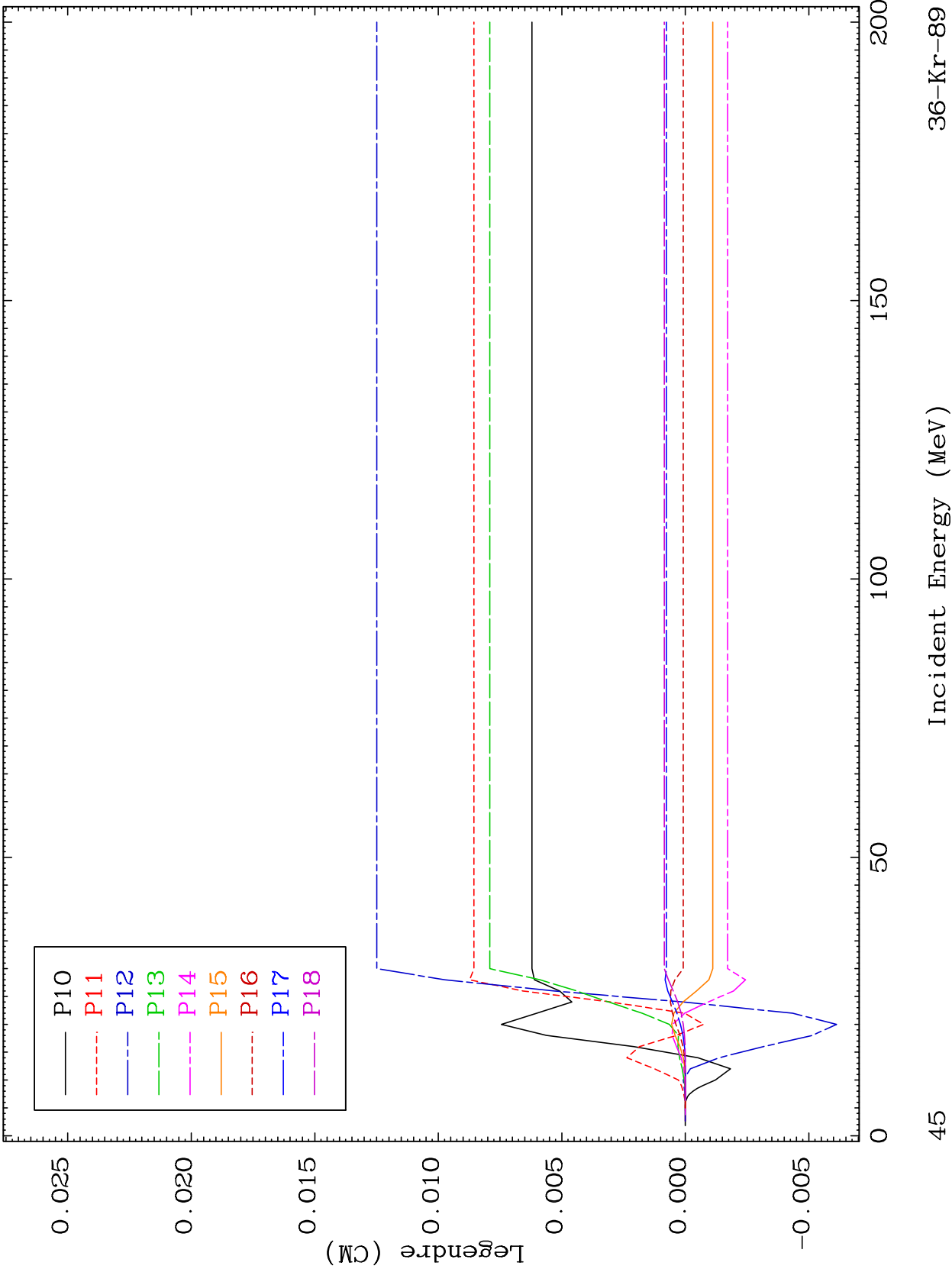


44

MAT 3658

1.380 MeV (n,n') Level  
Legendre Coefficients

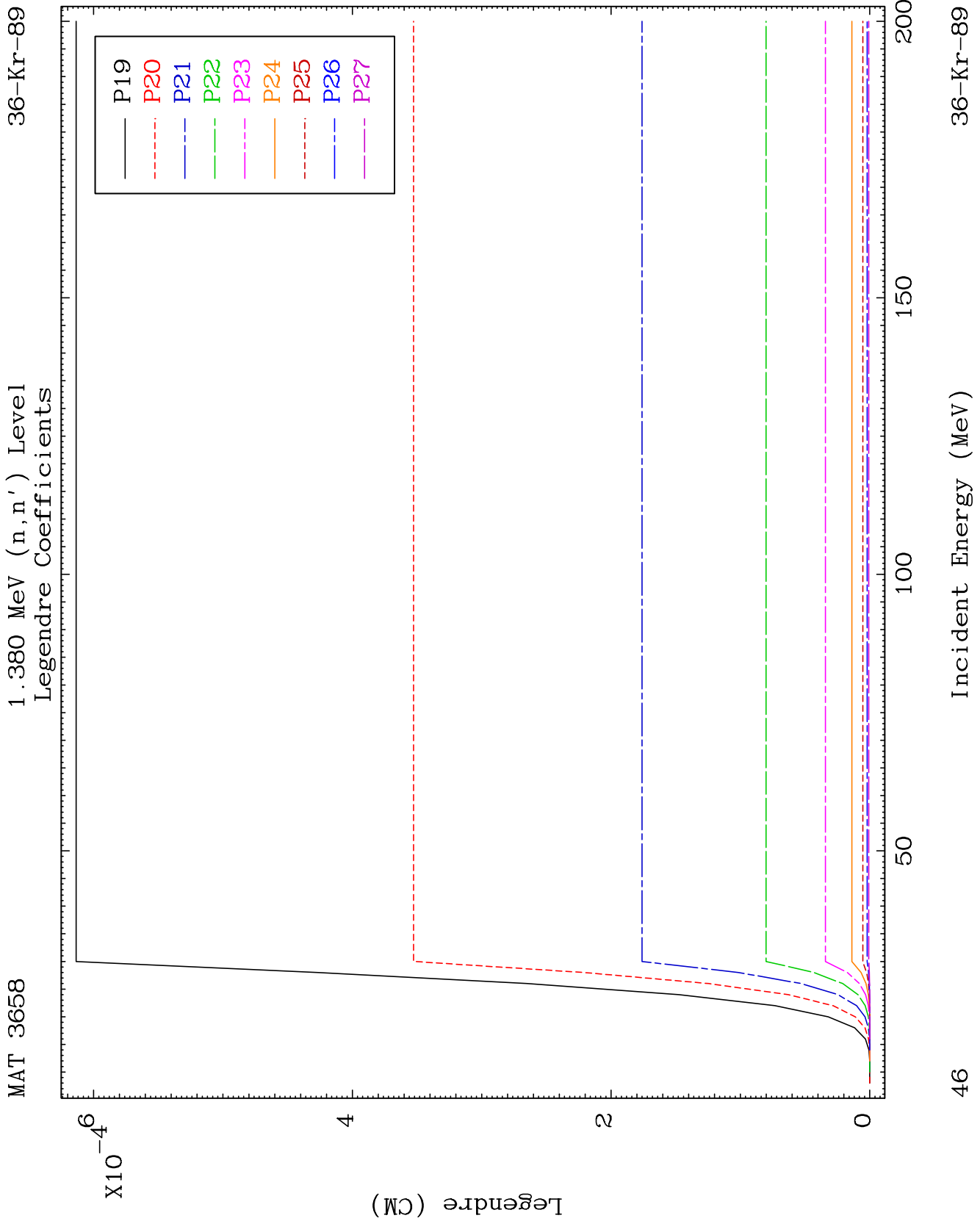
36-Kr-89



36-Kr-89

Incident Energy (MeV)

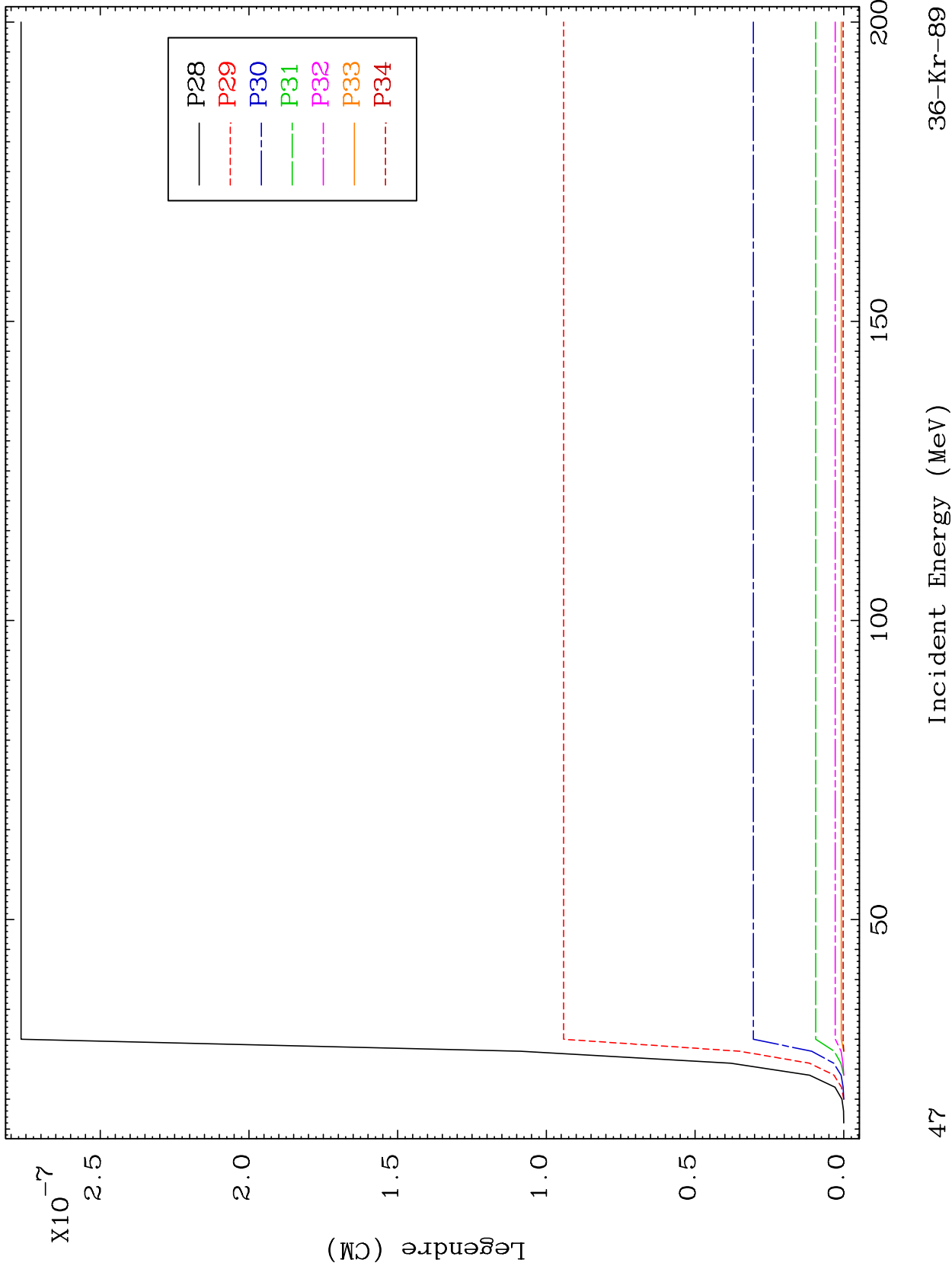
45



MAT 3658

1.380 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



47

Incident Energy (MeV)

36-Kr-89

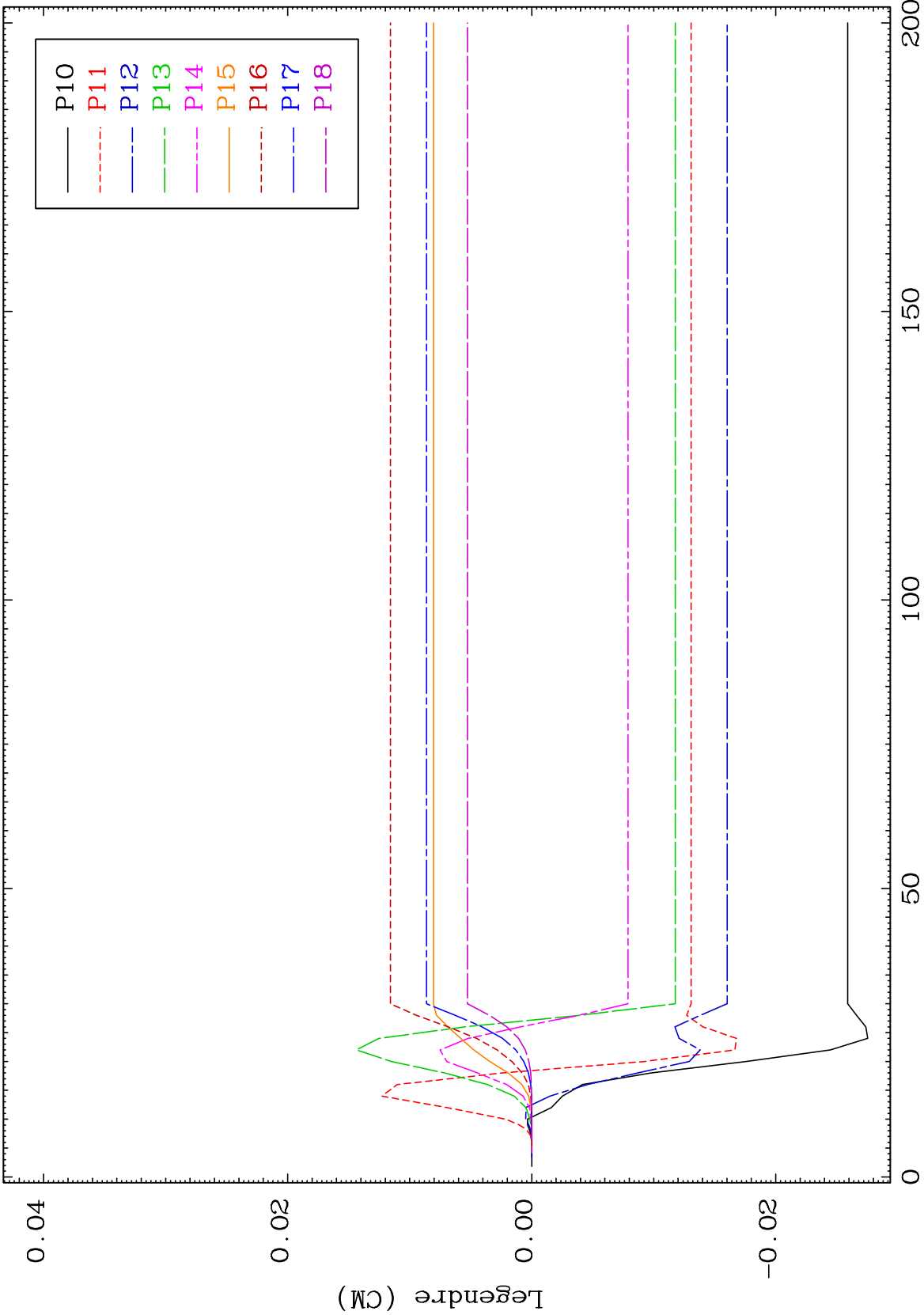




MAT 3658

1.483 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



49

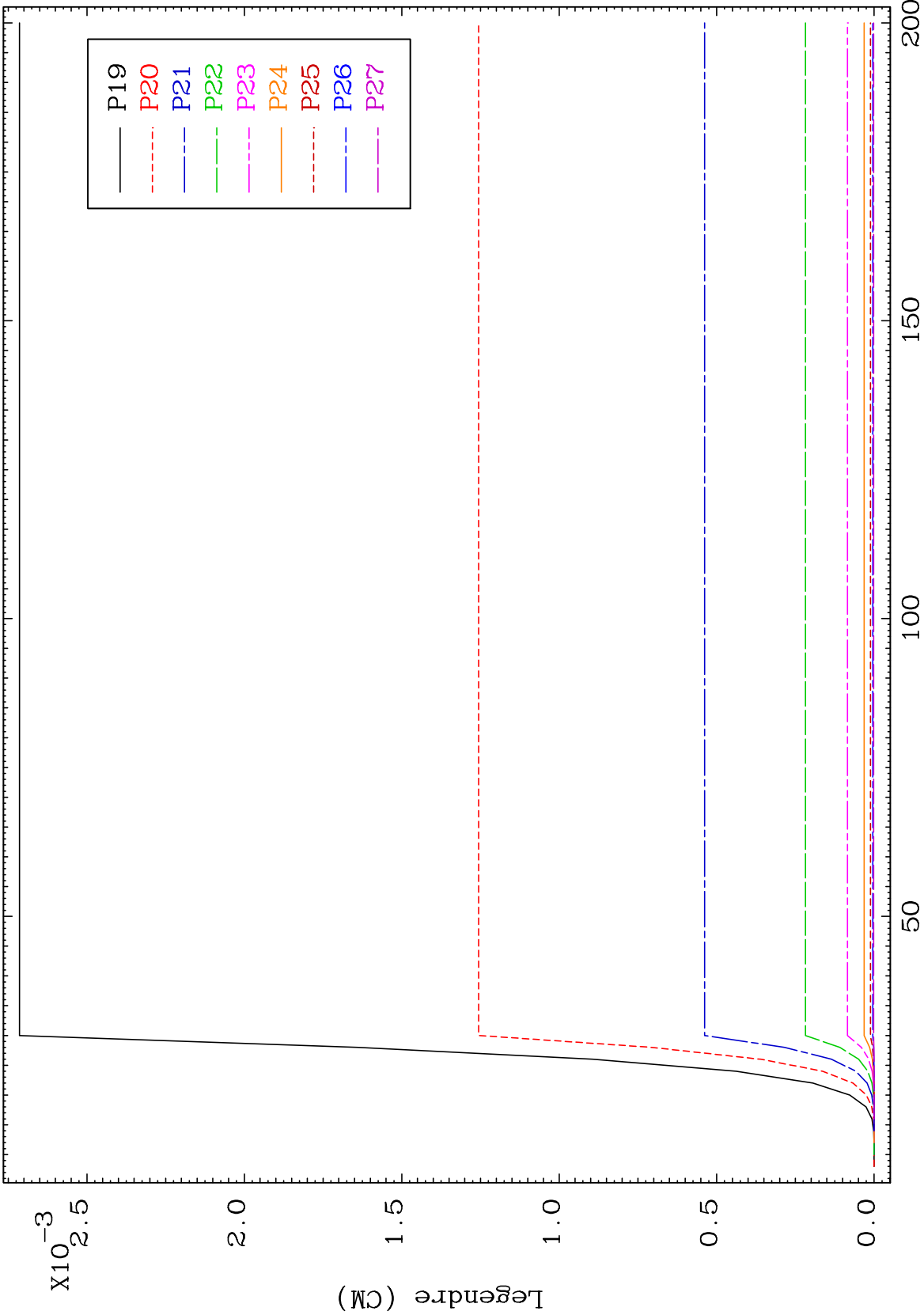
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.483 MeV (n,n') Level  
Legendre Coefficients

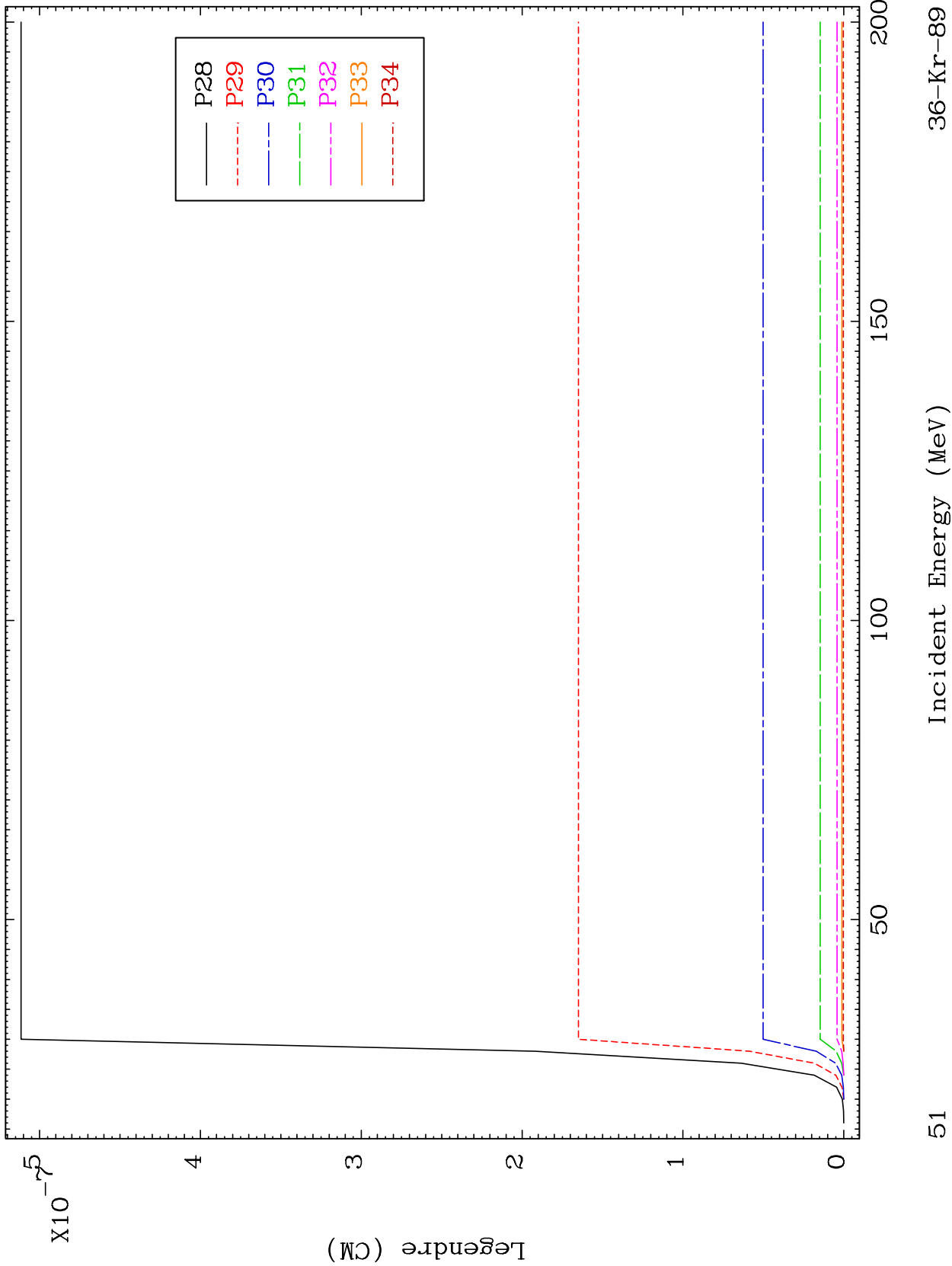
36-Kr-89



50

Incident Energy (MeV)

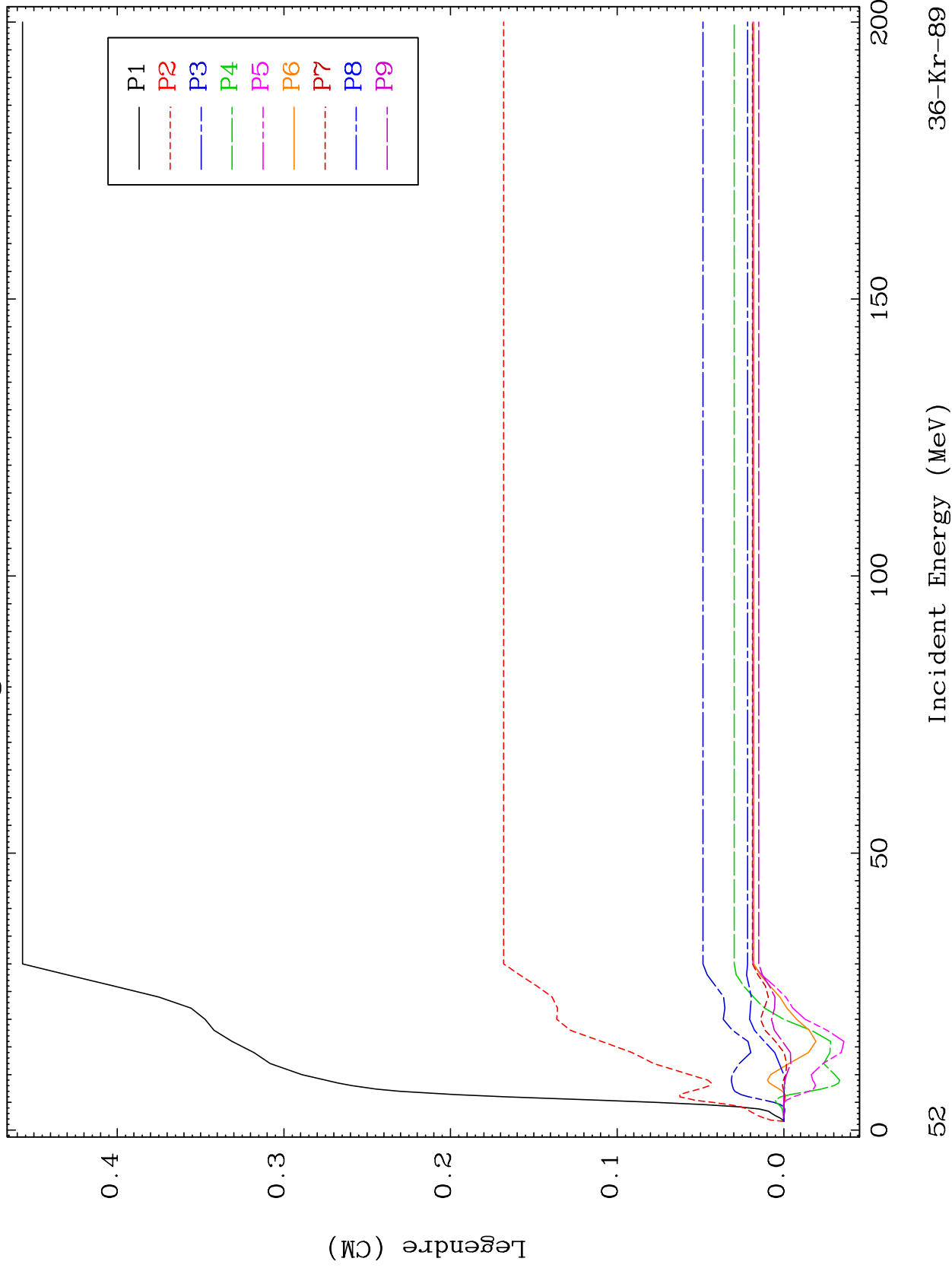
36-Kr-89



MAT 3658

1.536 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



36-Kr-89

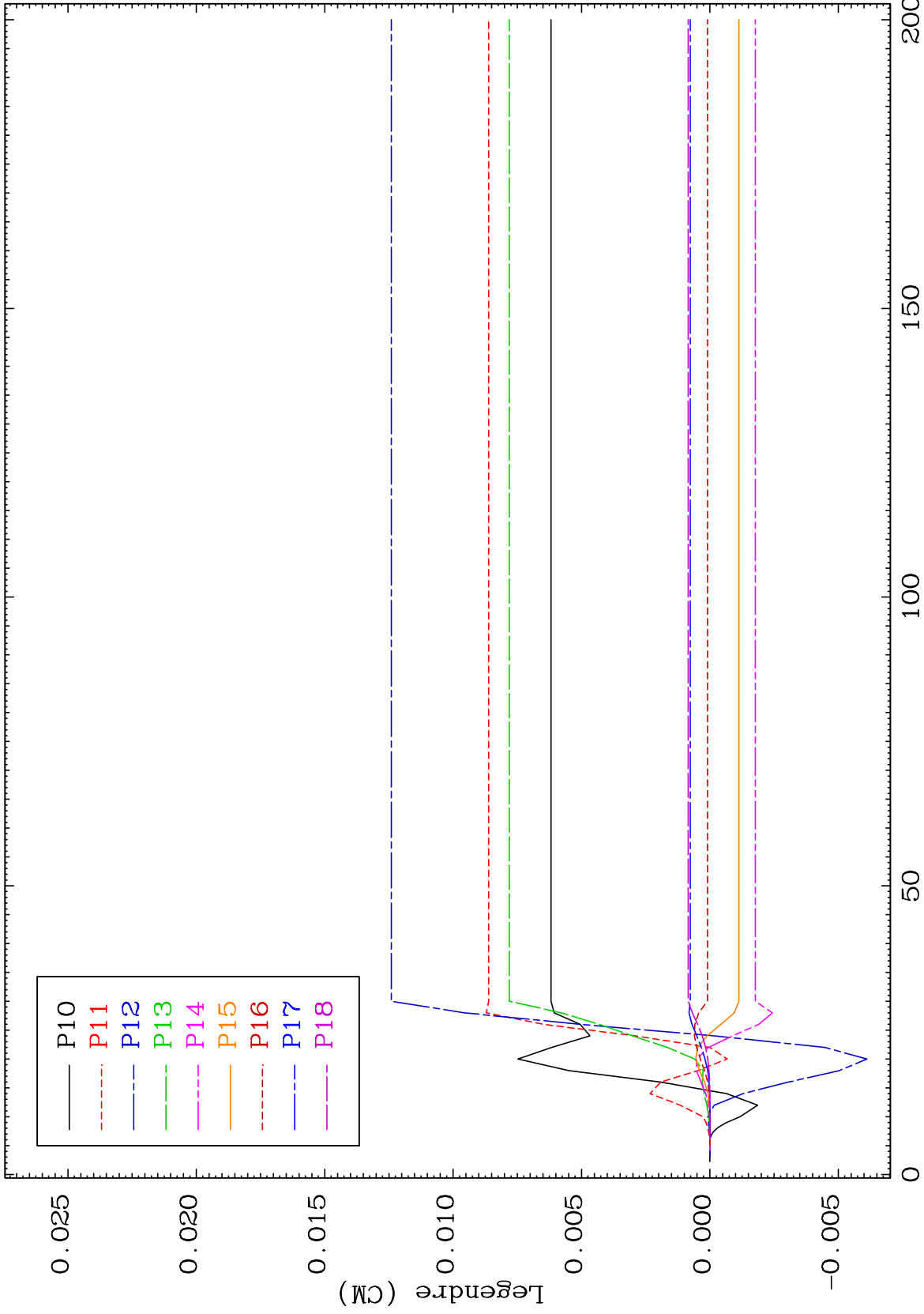
Incident Energy (MeV)

52

MAT 3658

1.536 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



53

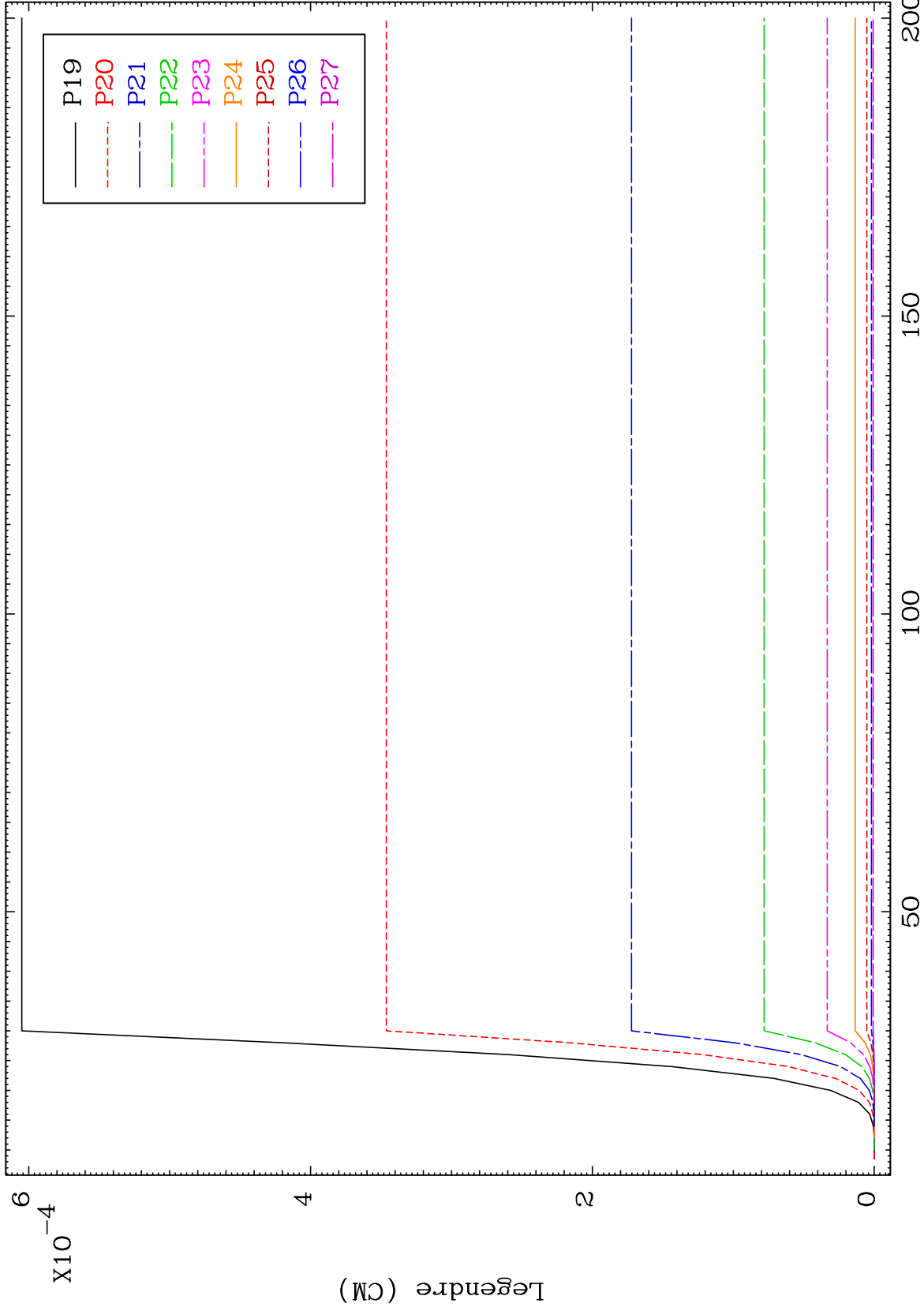
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.536 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



54

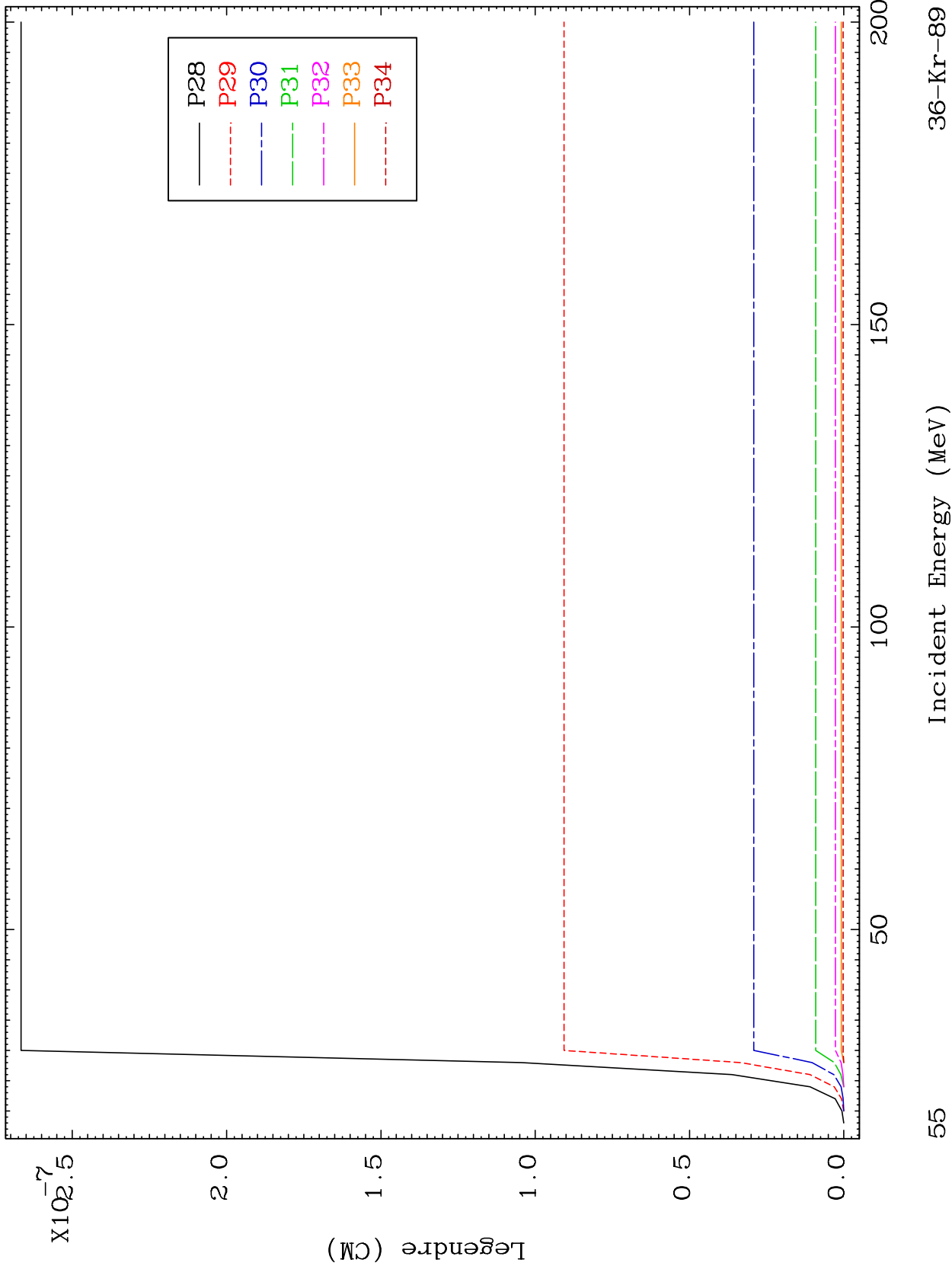
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.536 MeV (n, n') Level  
Legendre Coefficients

36-Kr-89

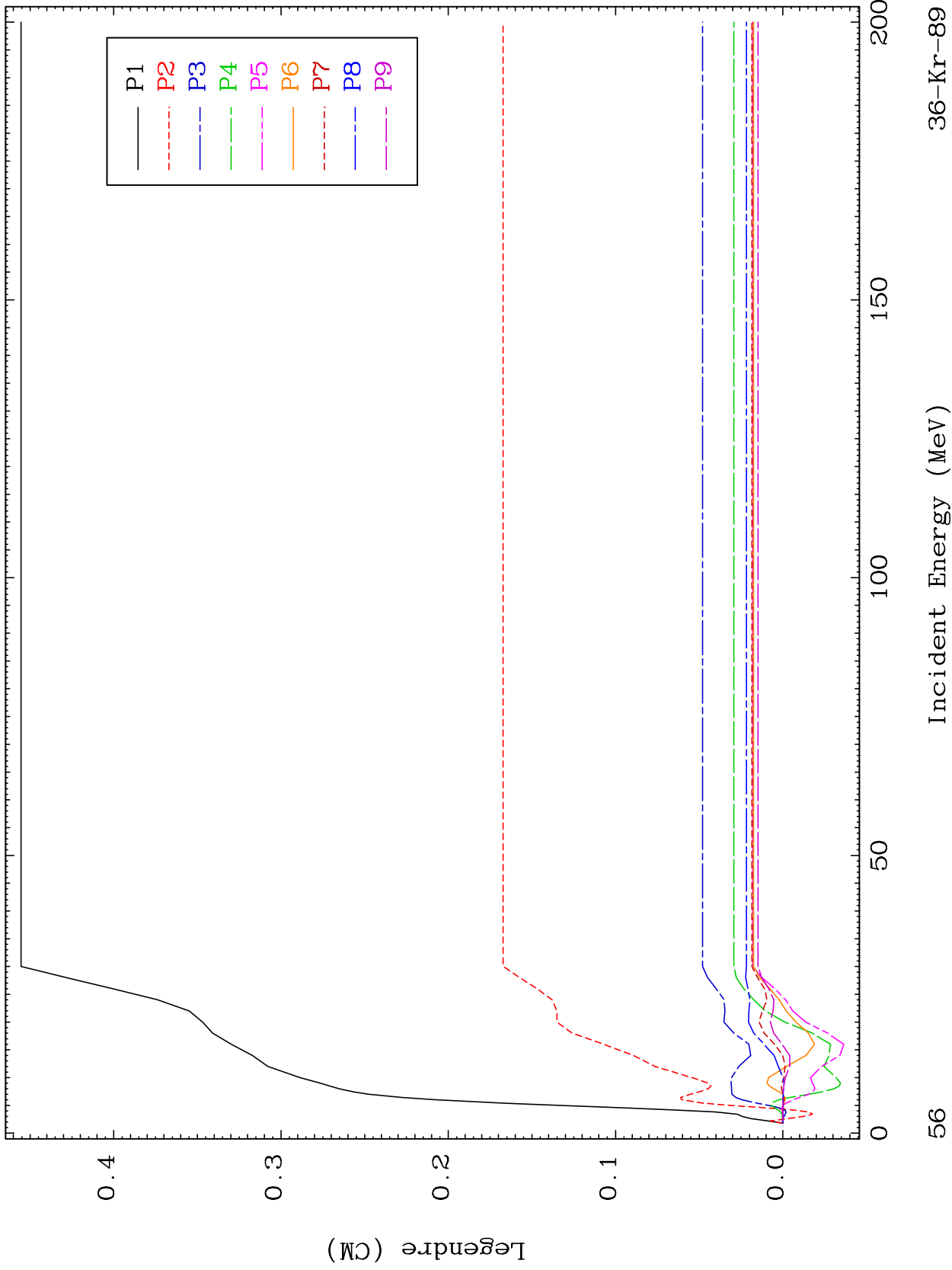




MAT 3658

1.772 MeV (n,n') Level  
Legendre Coefficients

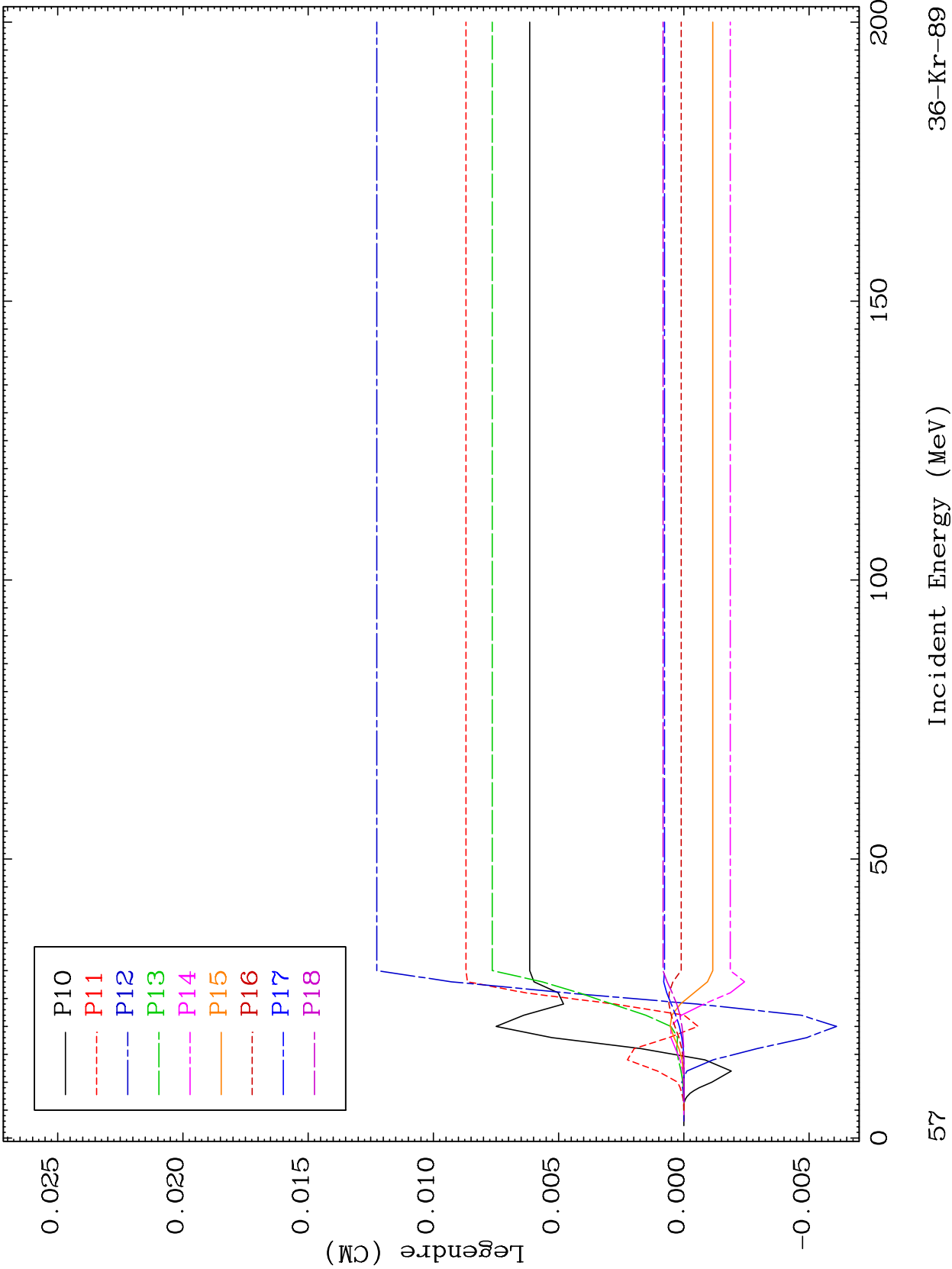
36-Kr-89

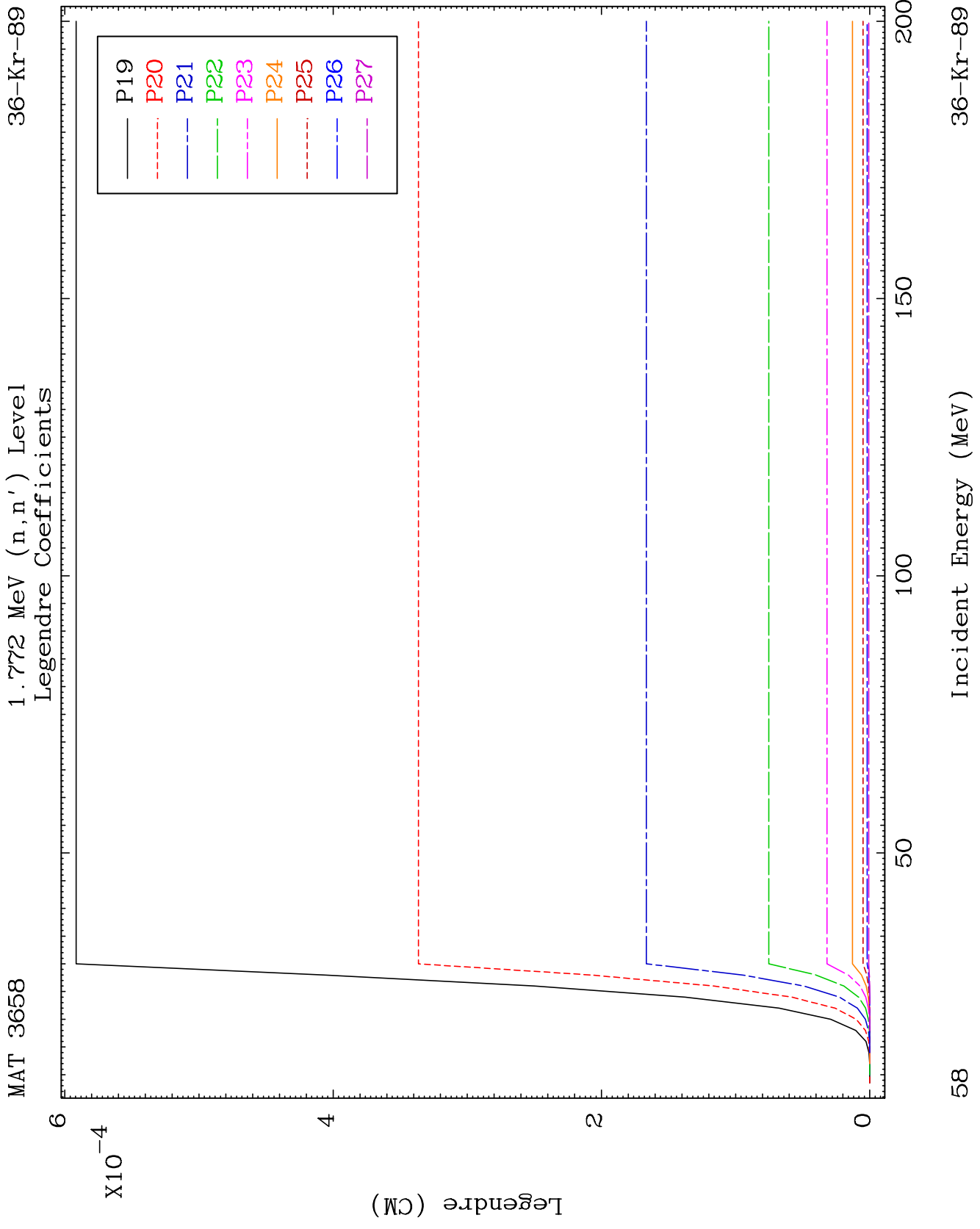


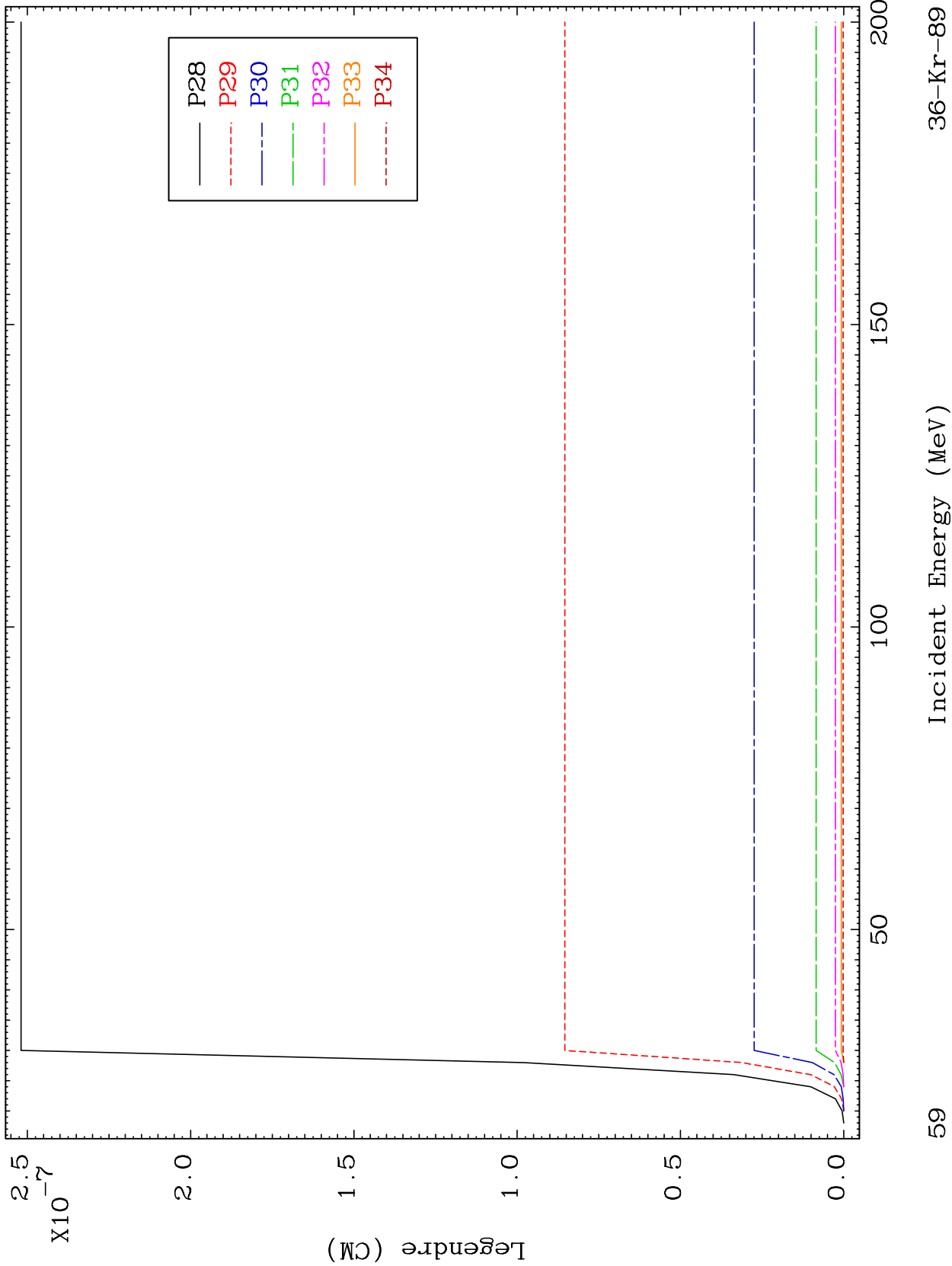
36-Kr-89

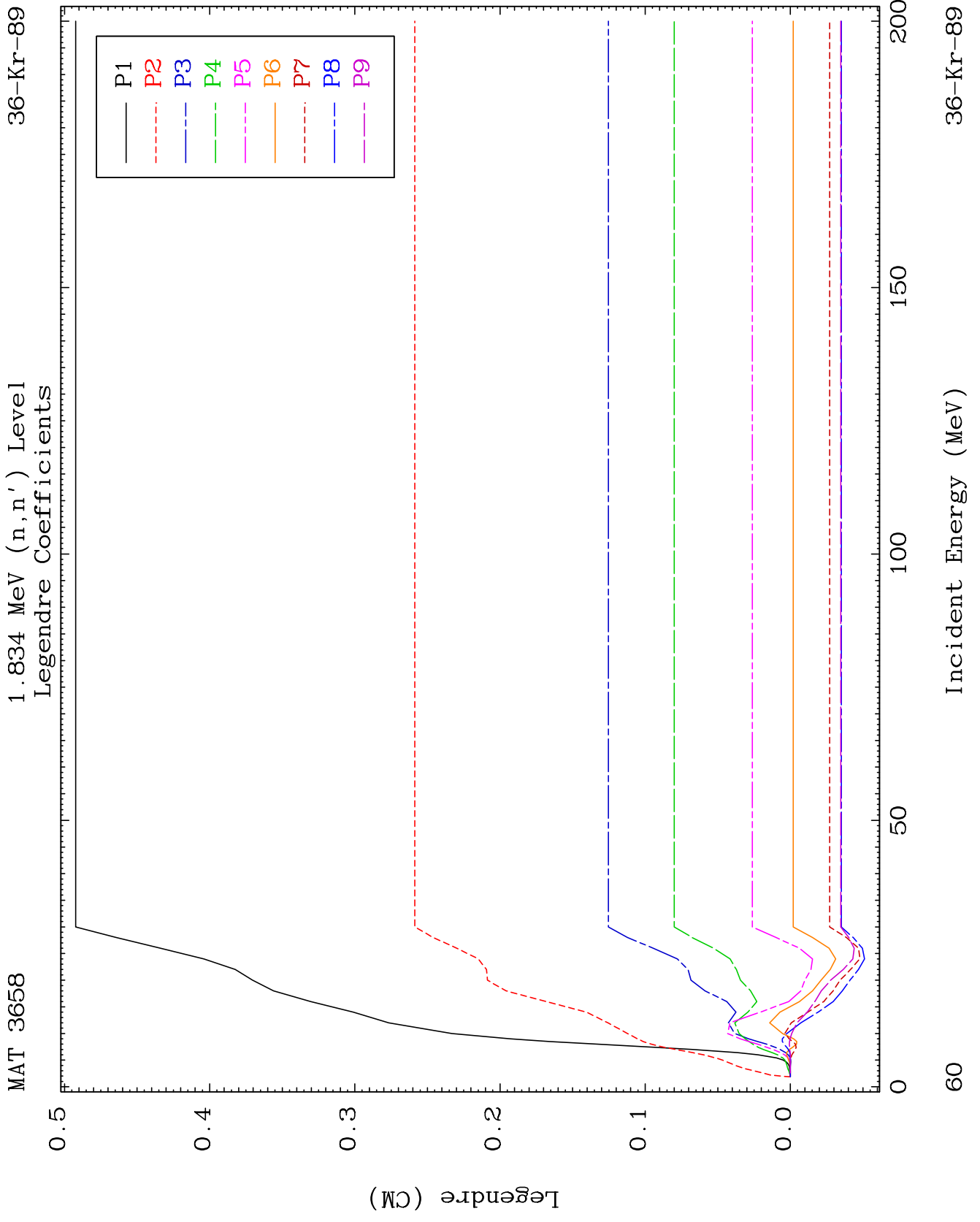
Incident Energy (MeV)

56





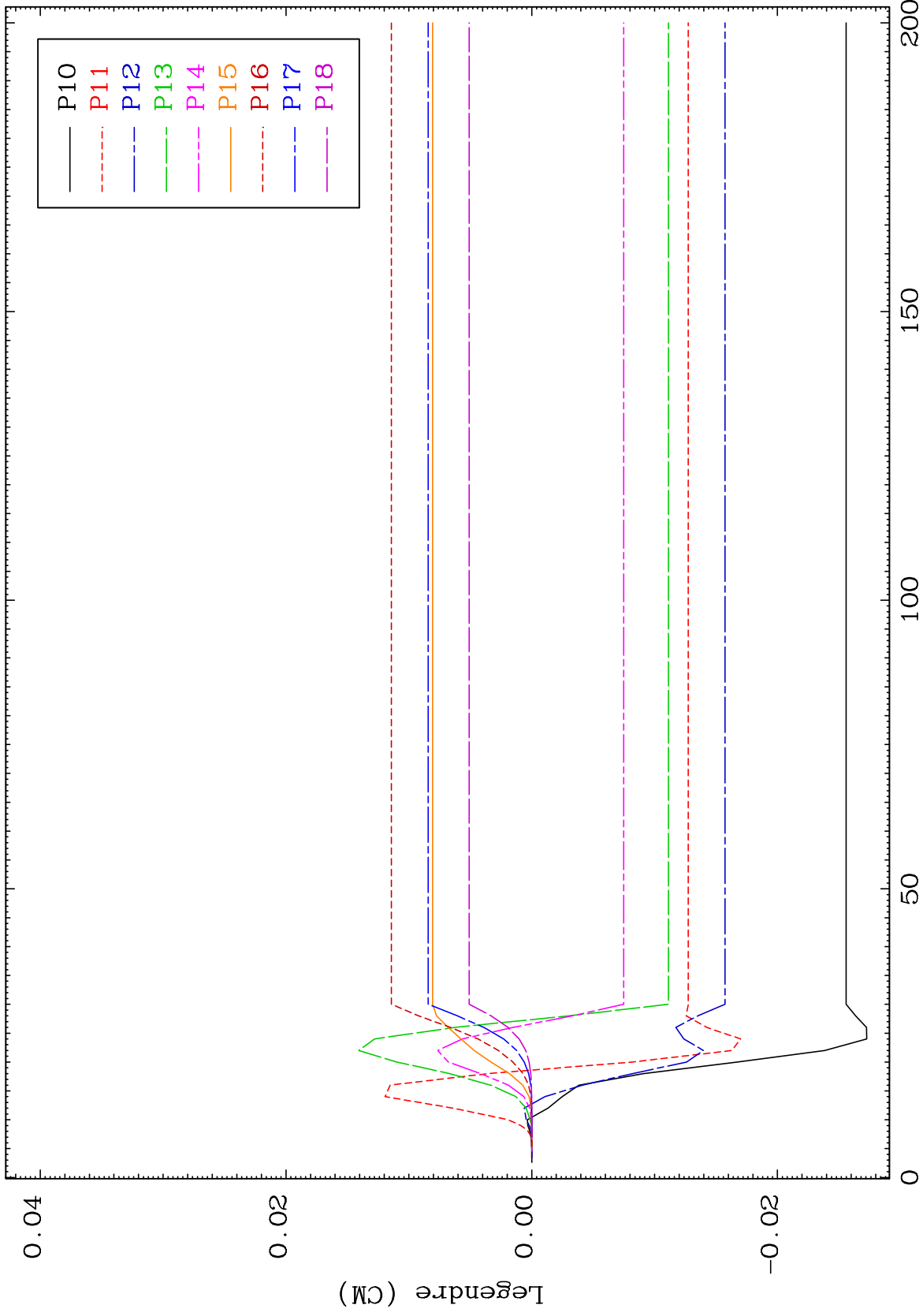




MAT 3658

1.834 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



61

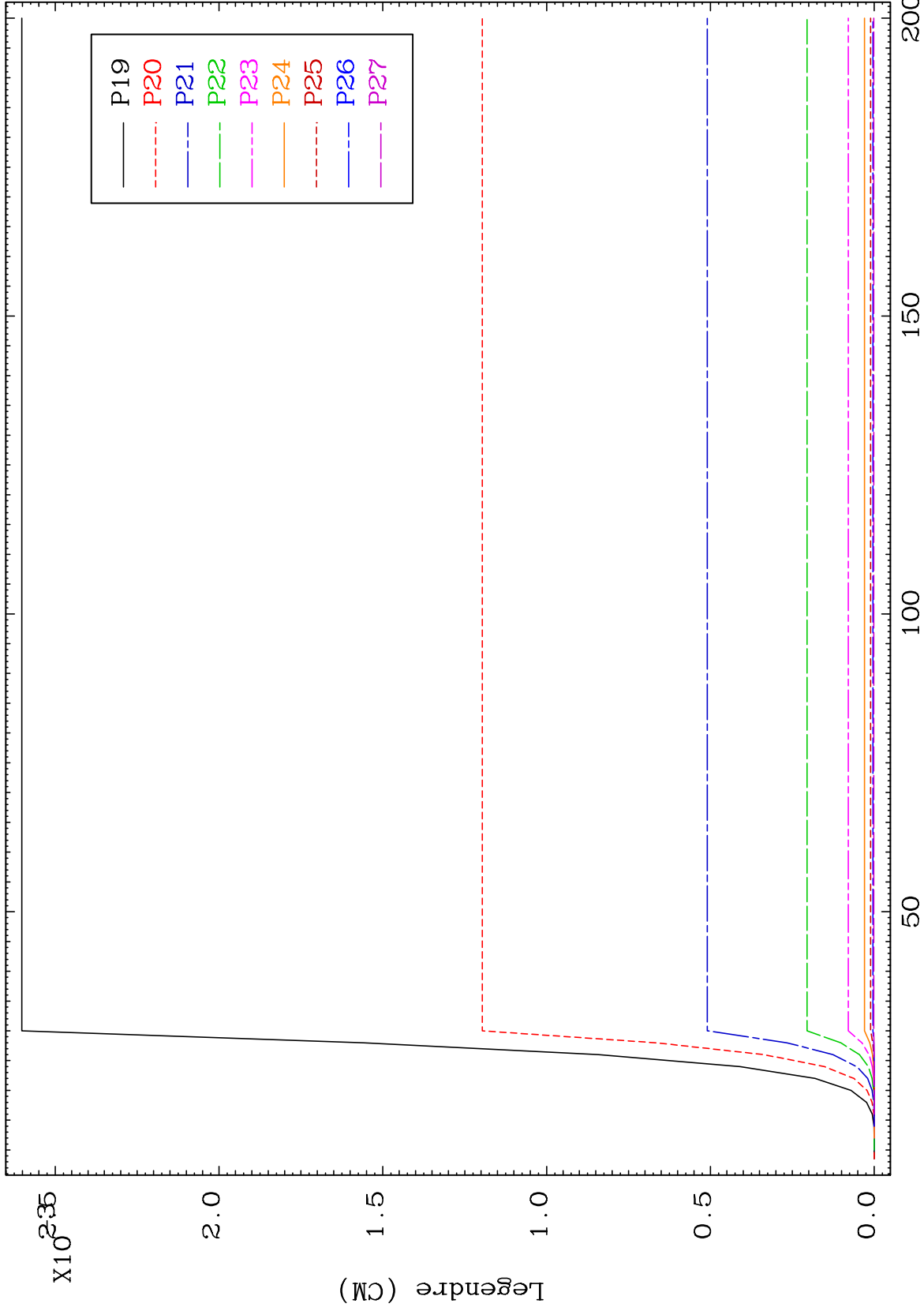
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.834 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



62

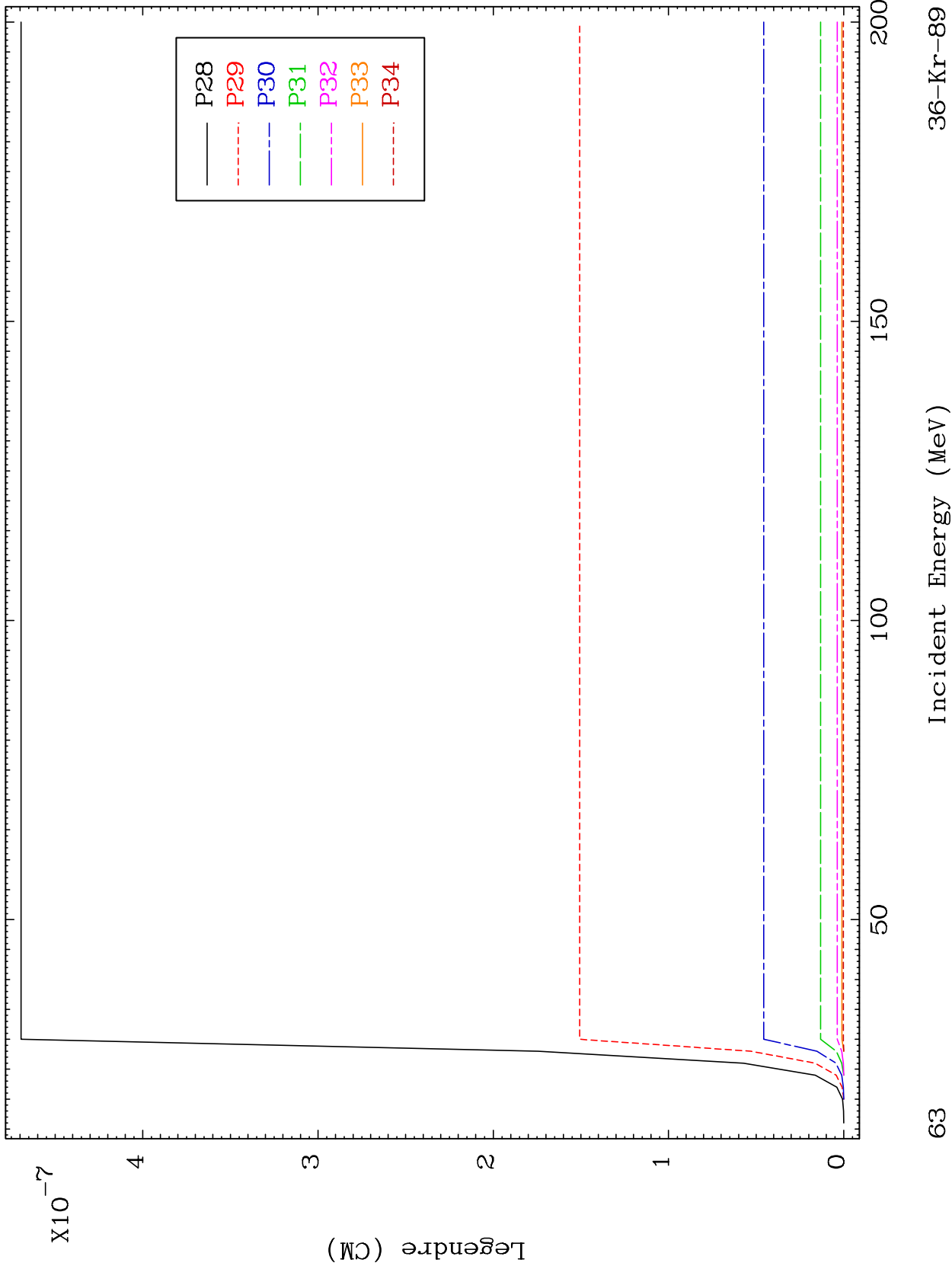
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.834 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89

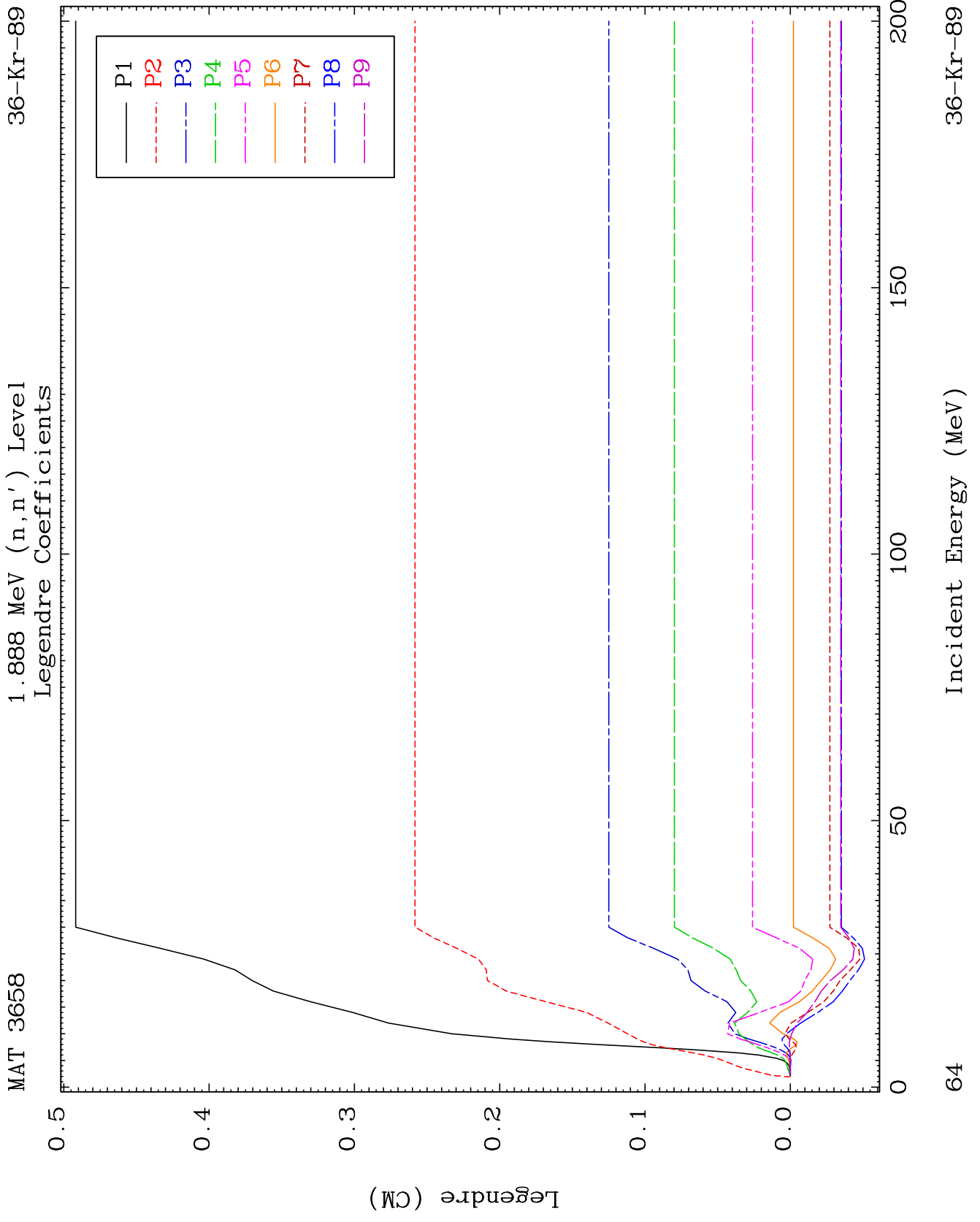


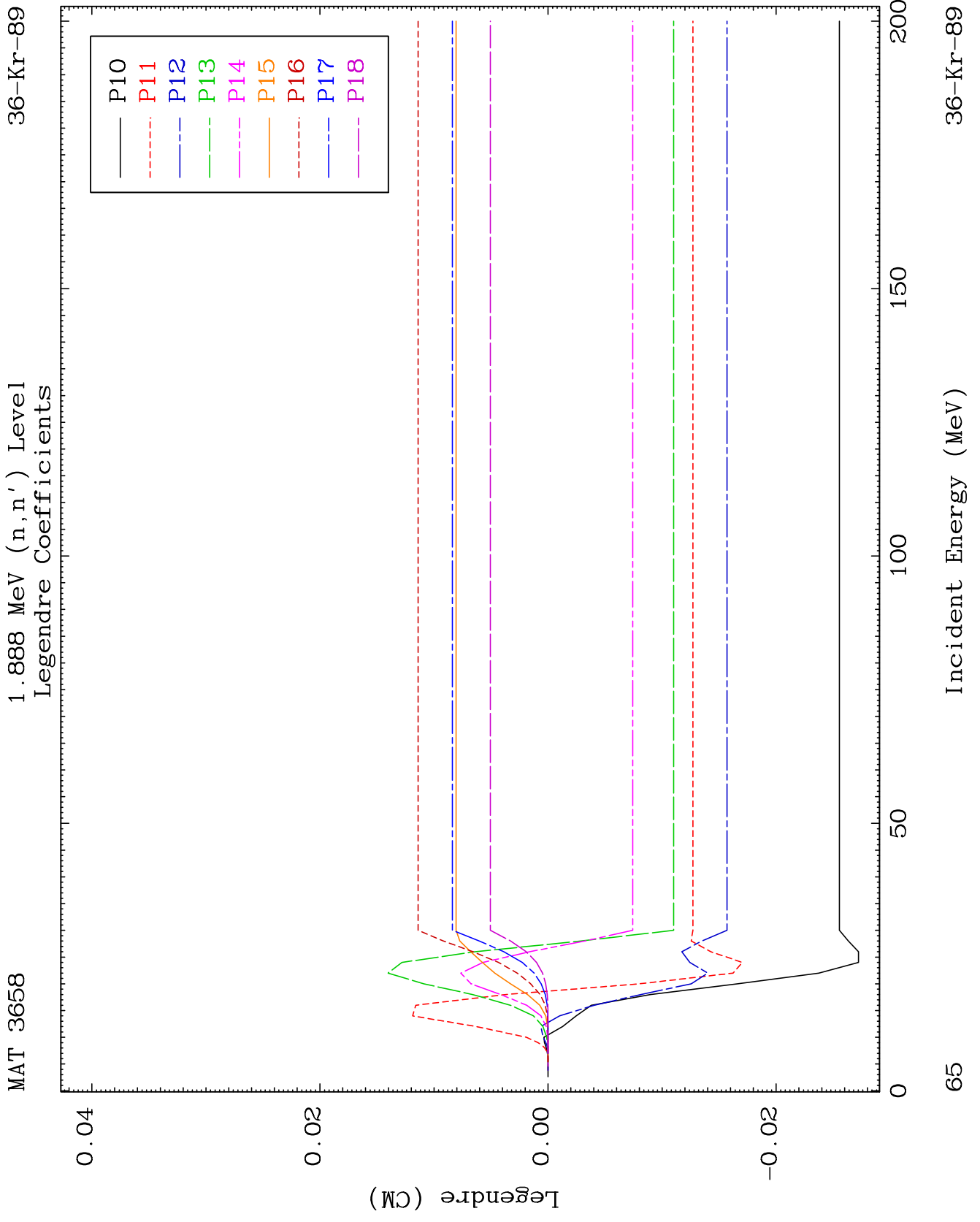
63

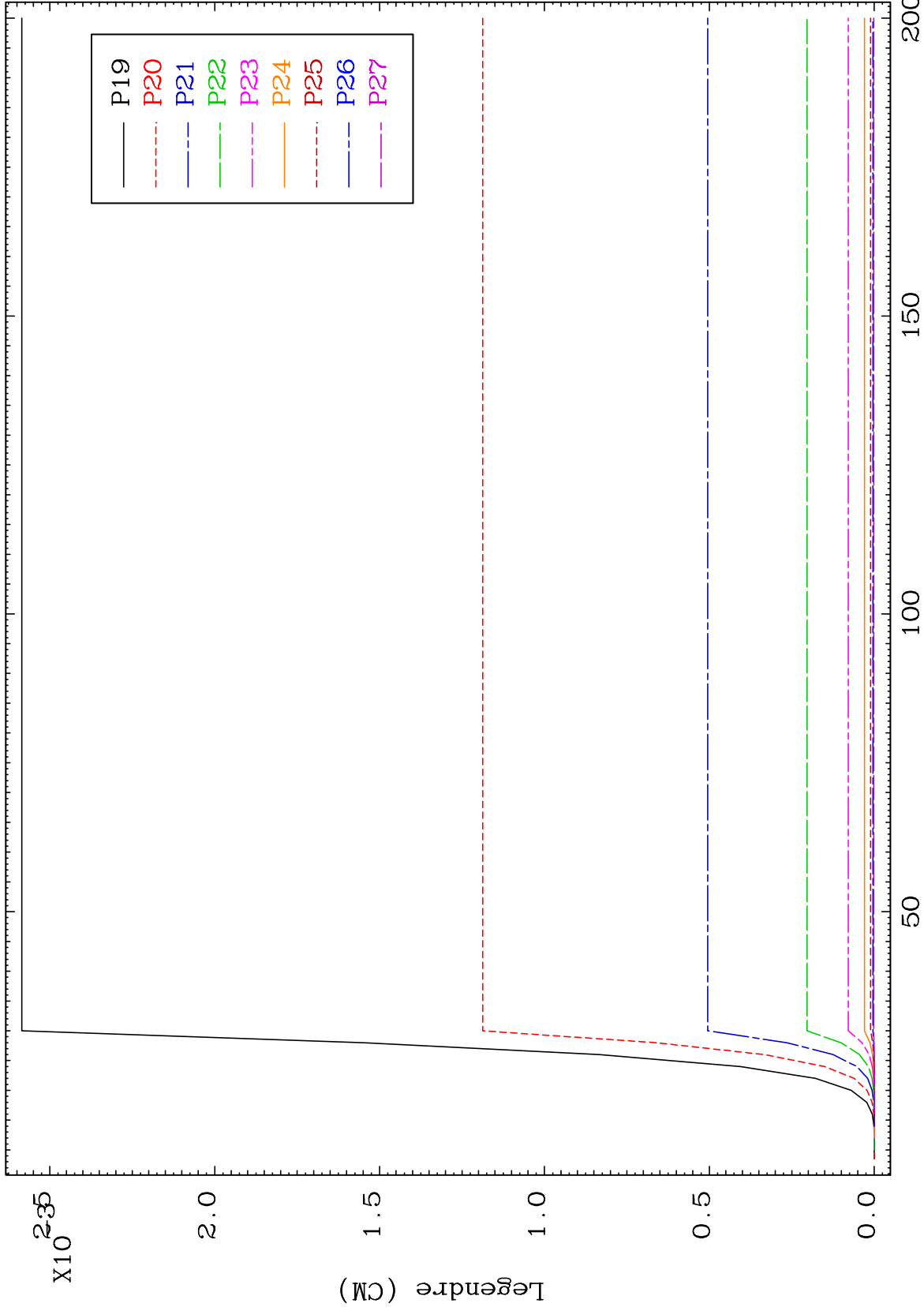
Incident Energy (MeV)

36-Kr-89





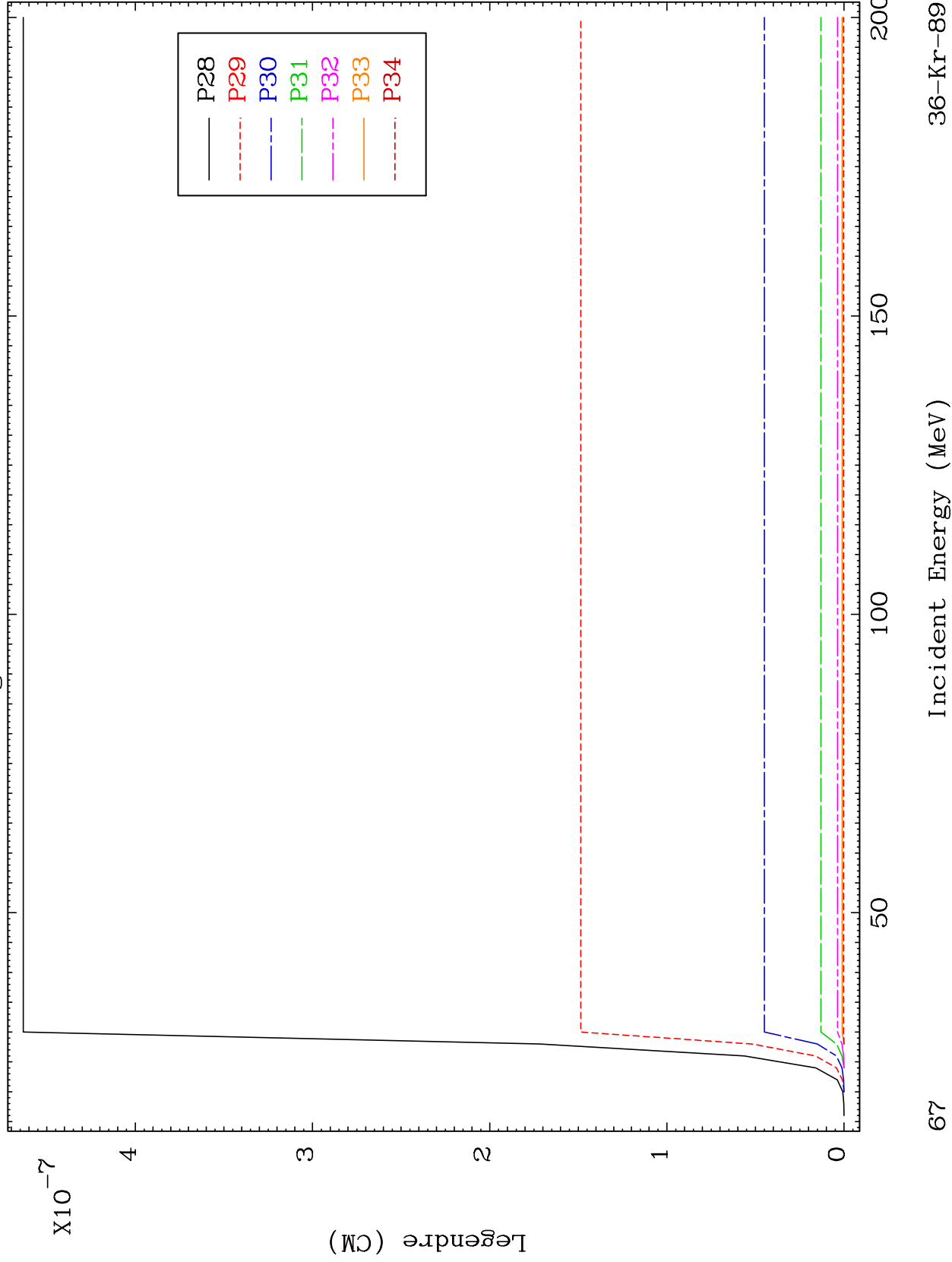




MAT 3658

1.888 MeV (n,n') Level  
Legendre Coefficients

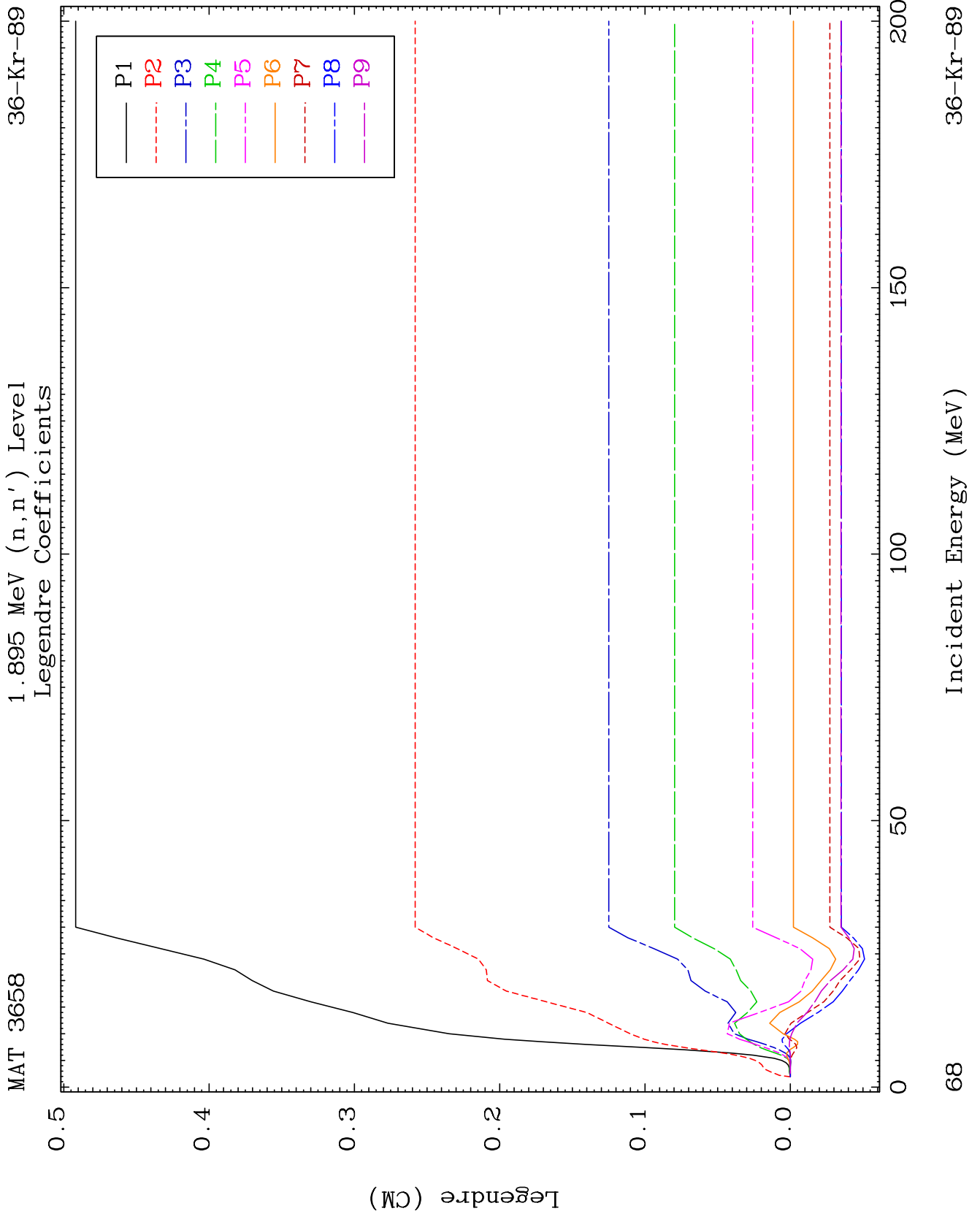
36-Kr-89



67

Incident Energy (MeV)

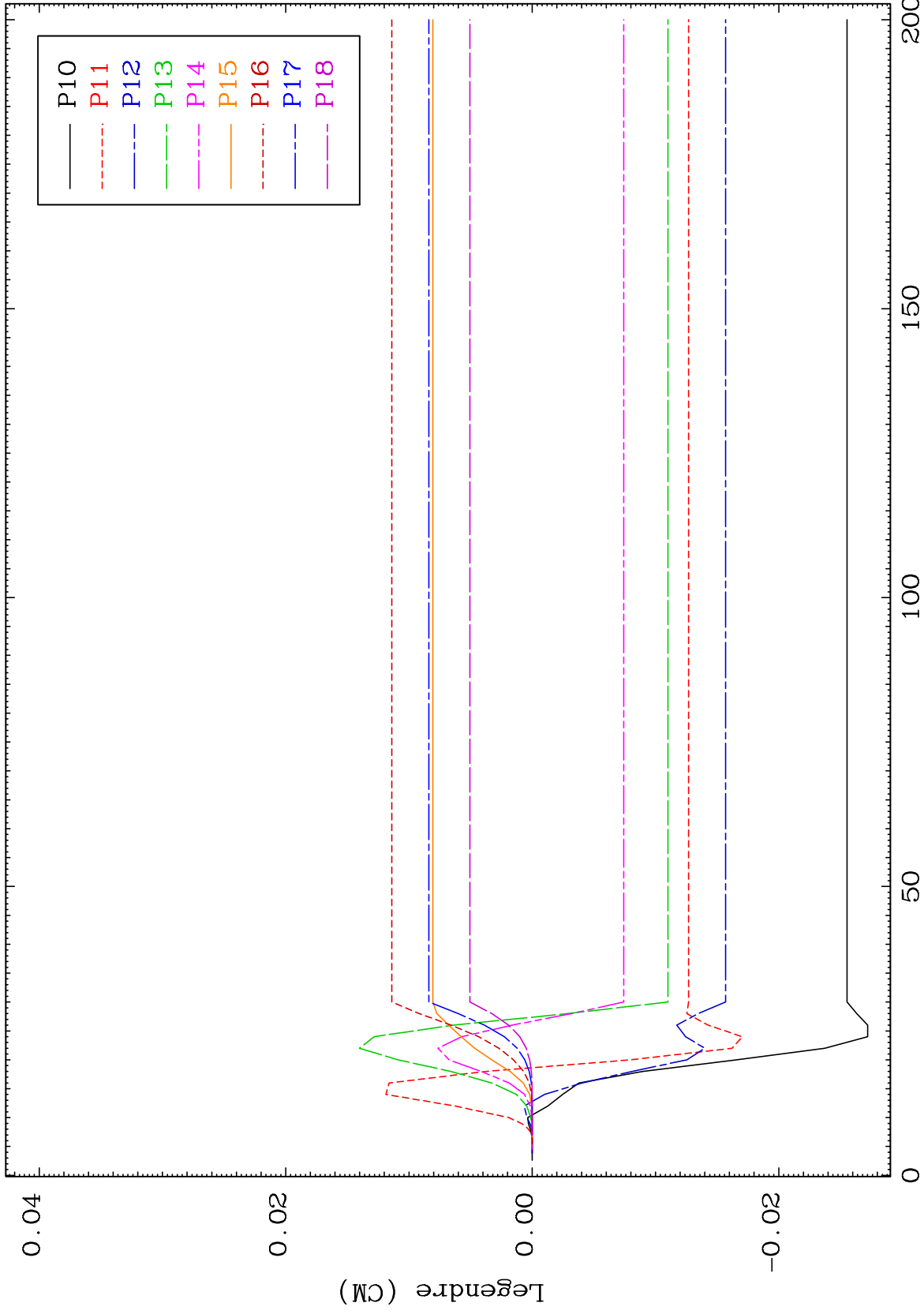
36-Kr-89



MAT 3658

1.895 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



69

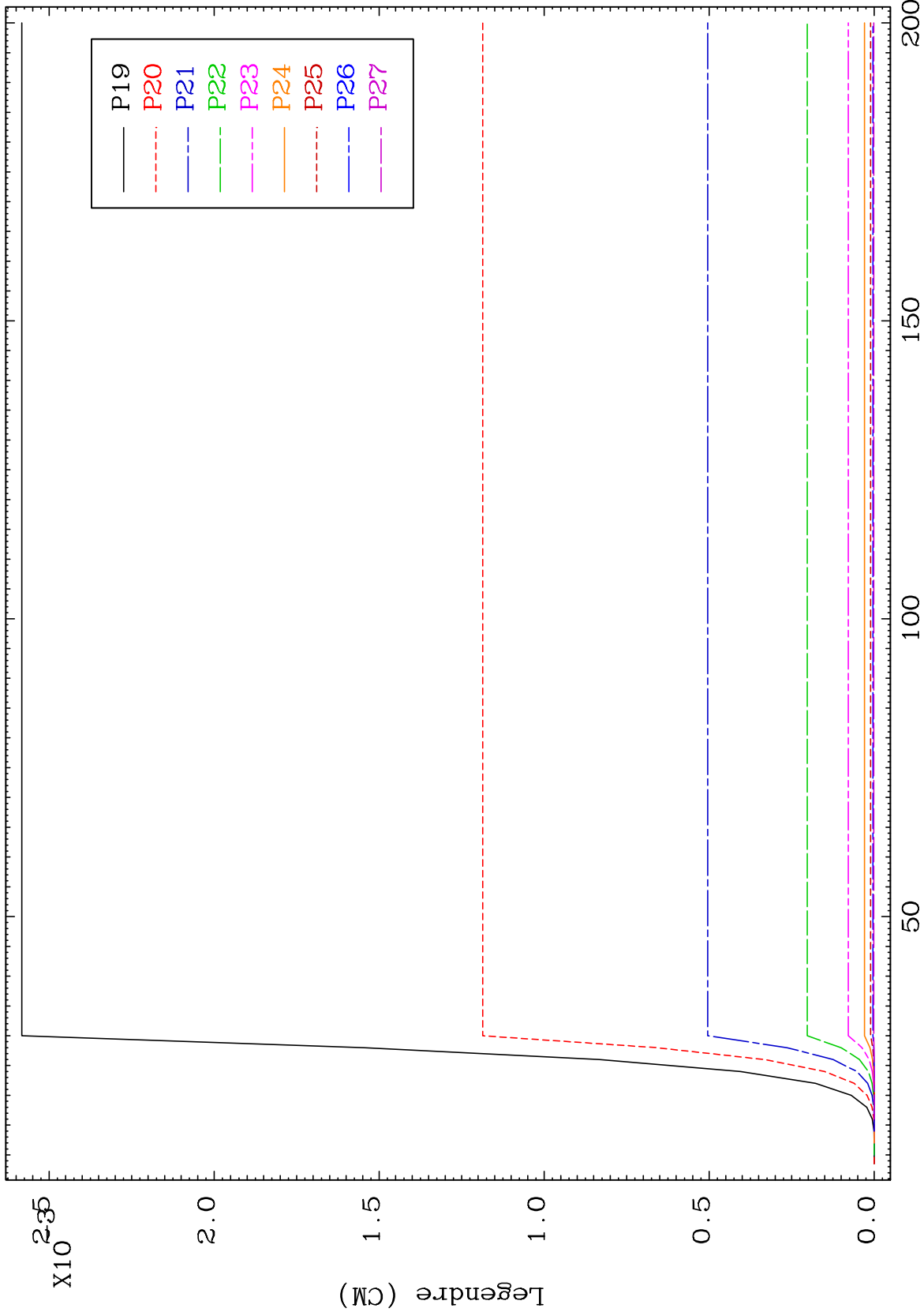
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.895 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



70

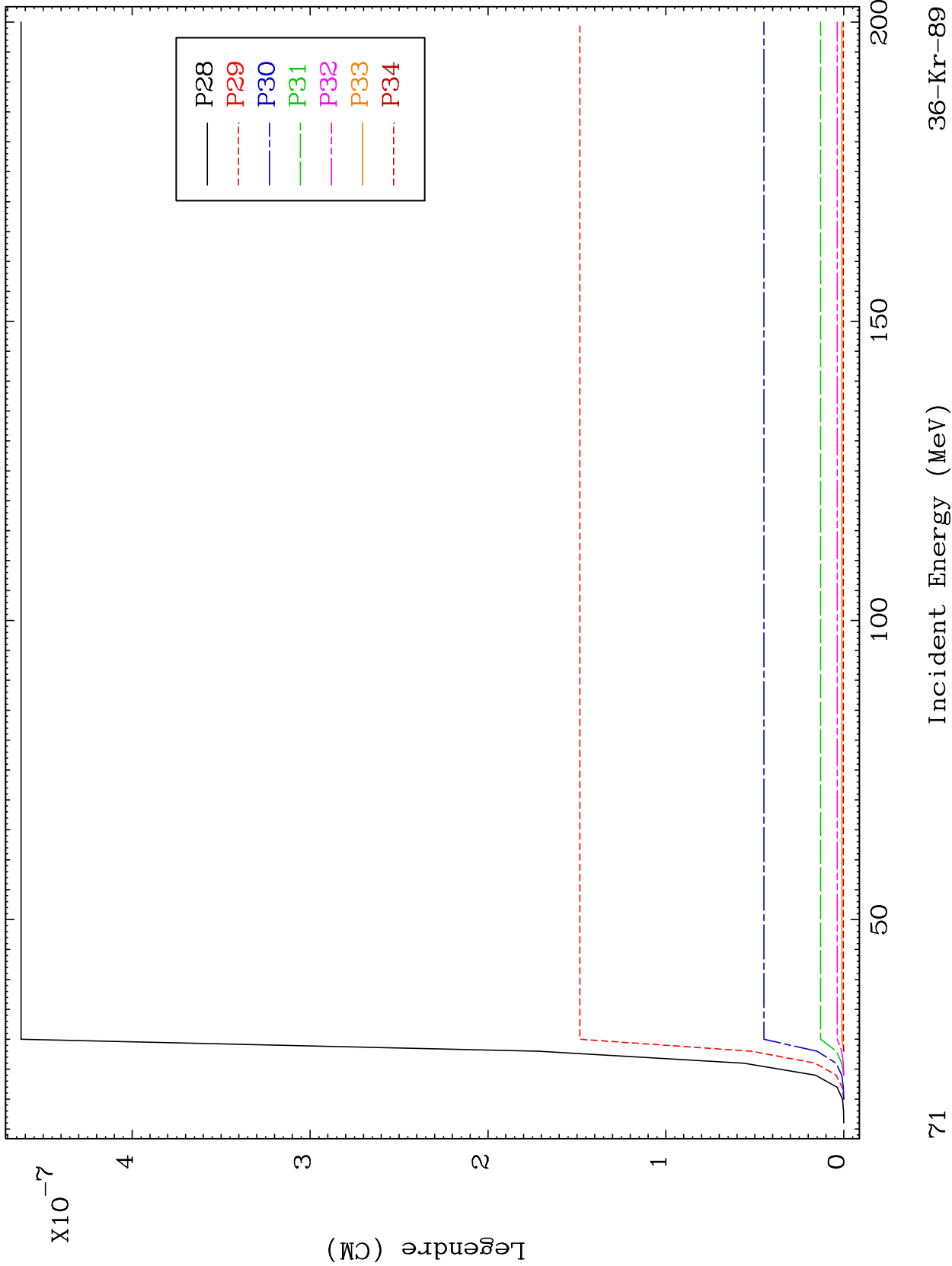
Incident Energy (MeV)

36-Kr-89

MAT 3658

1.895 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89

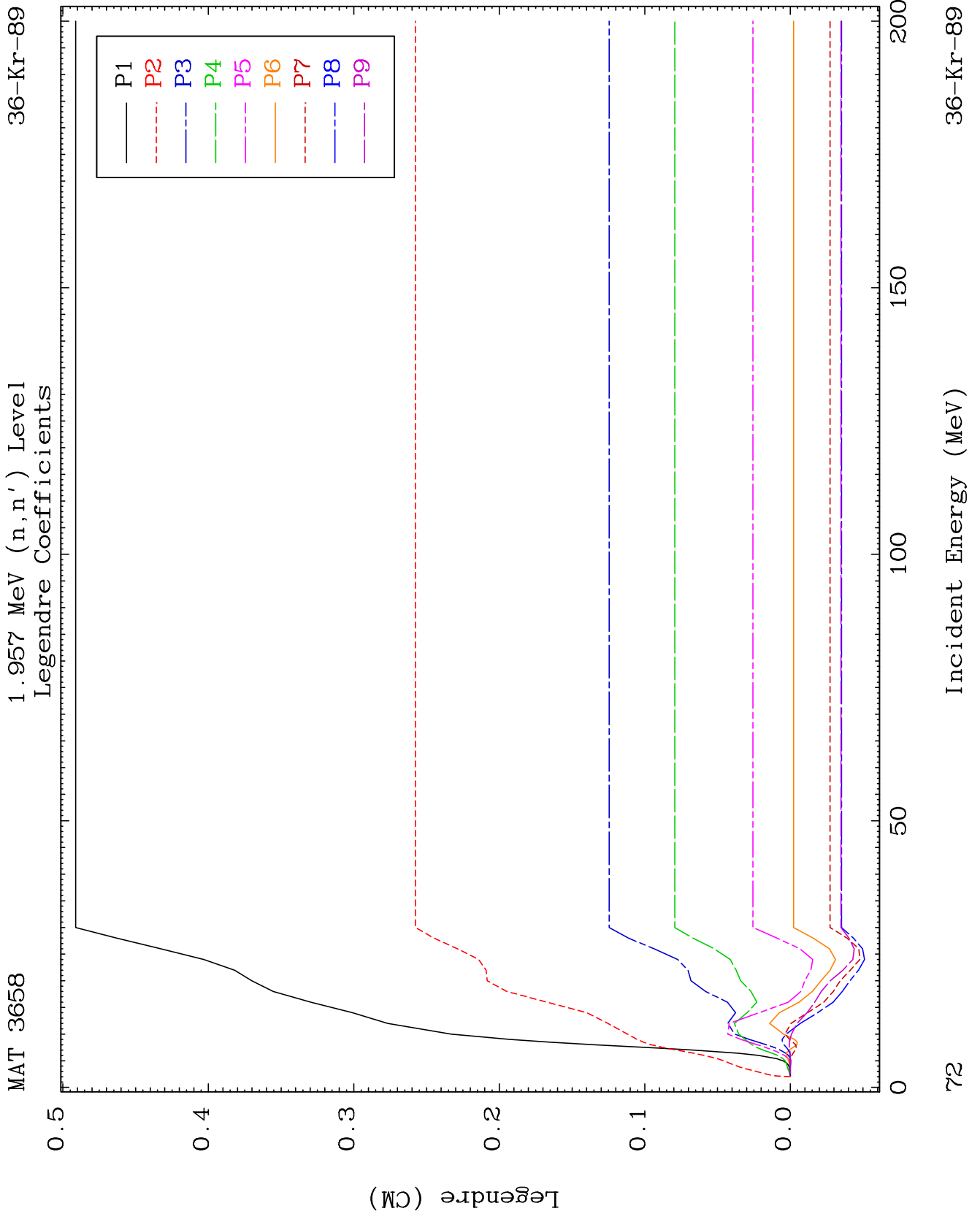


71

Incident Energy (MeV)

36-Kr-89

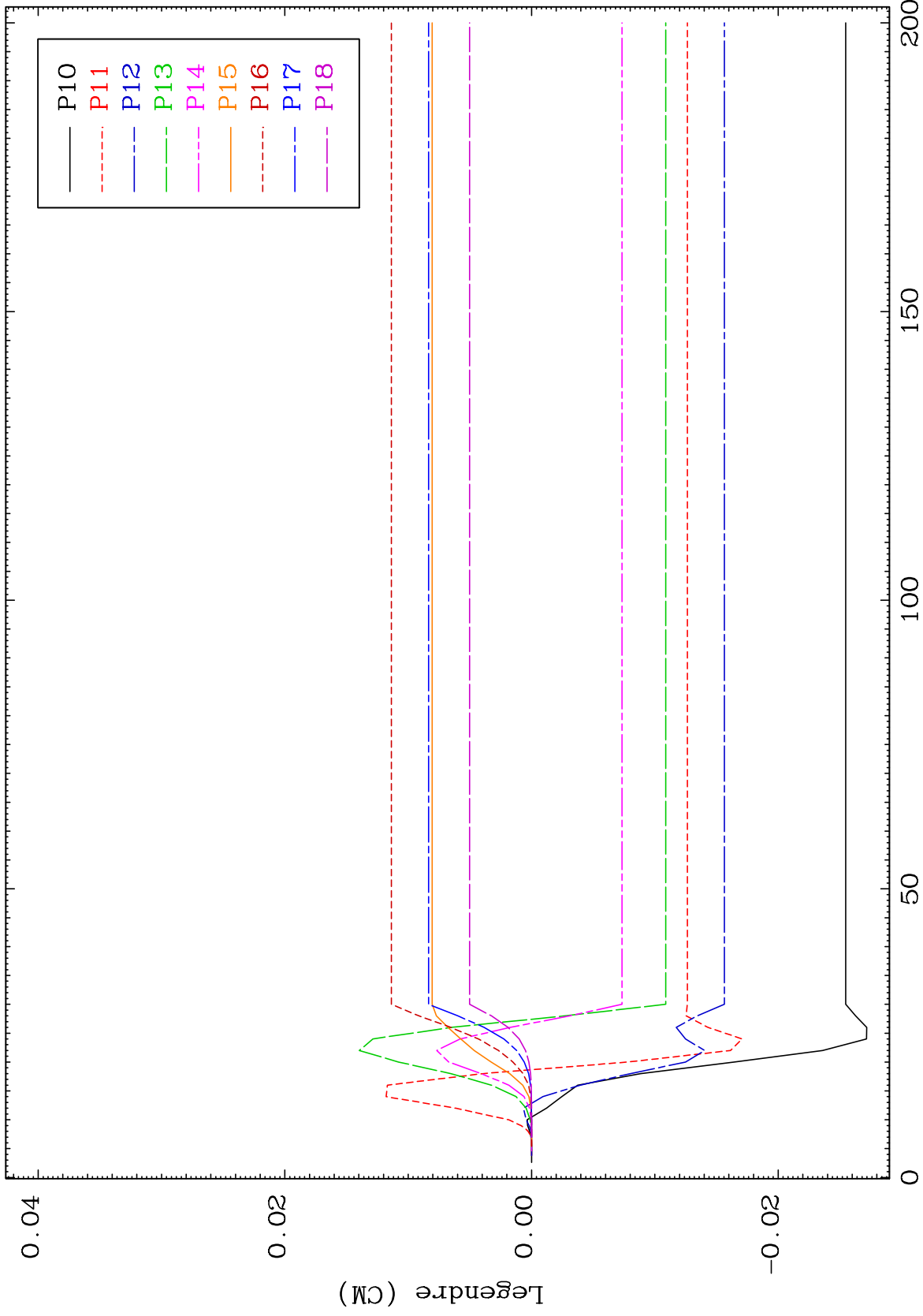




MAT 3658

1.957 MeV (n,n') Level  
Legendre Coefficients

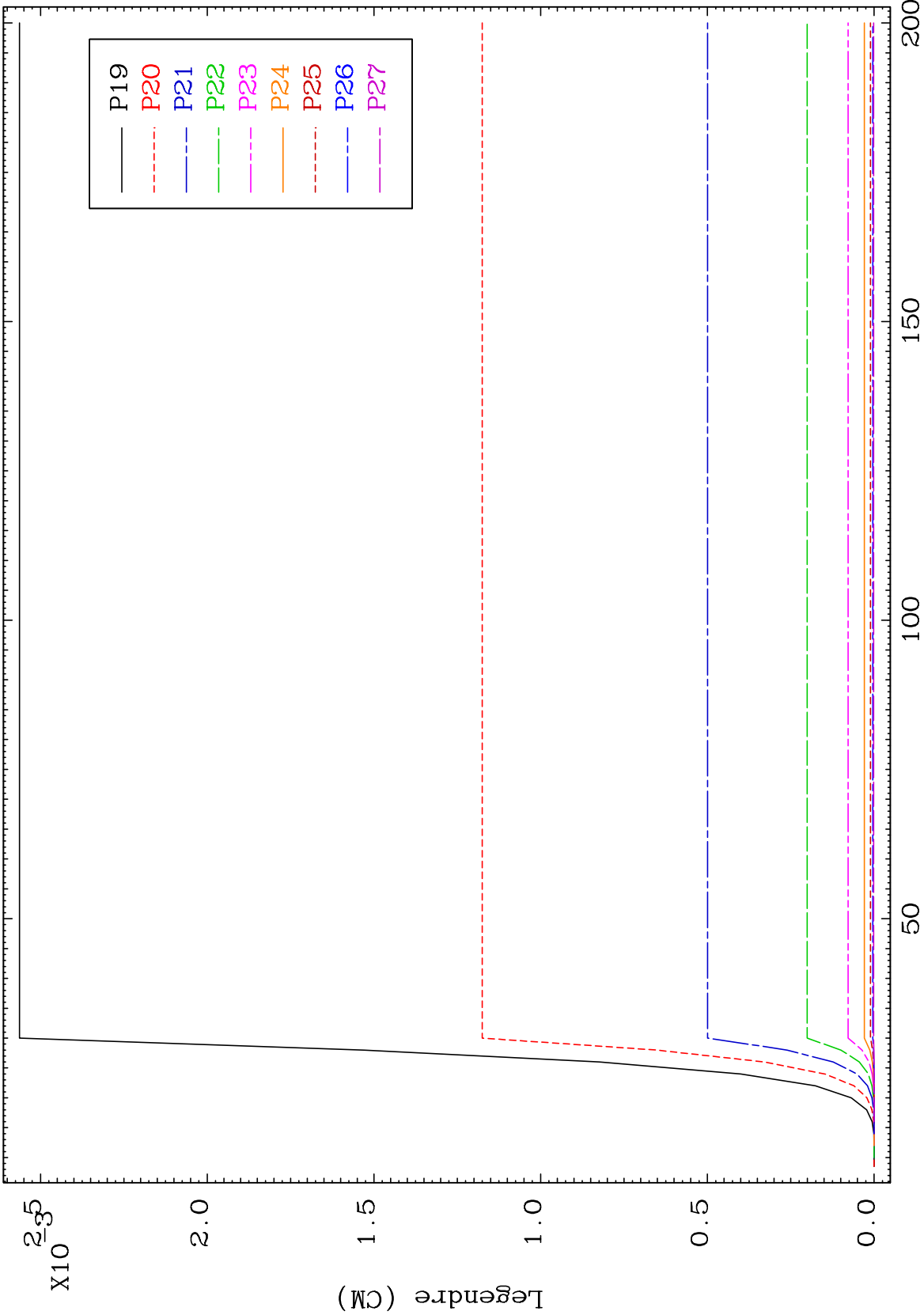
36-Kr-89



73

Incident Energy (MeV)

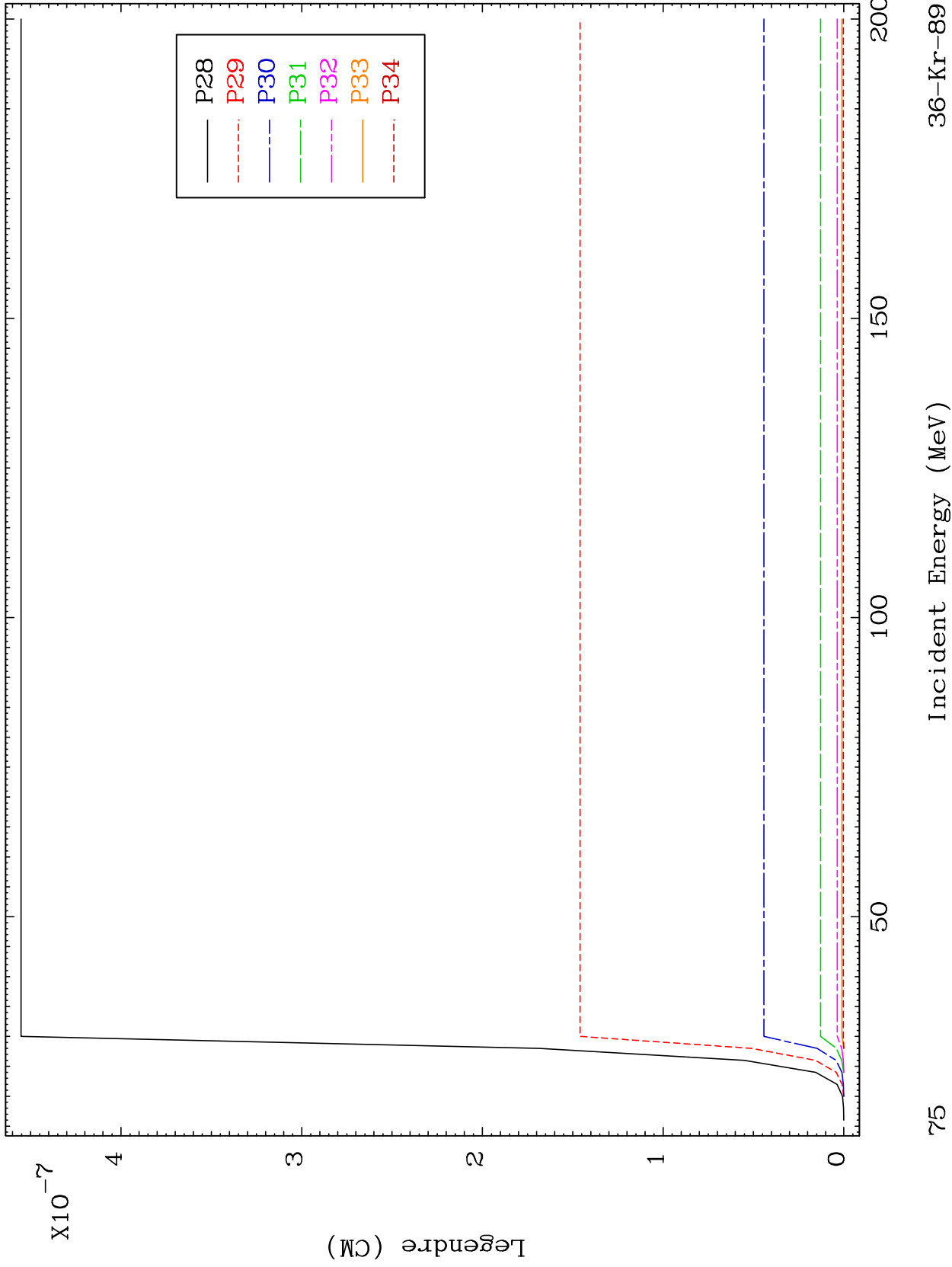
36-Kr-89



MAT 3658

1.957 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



75

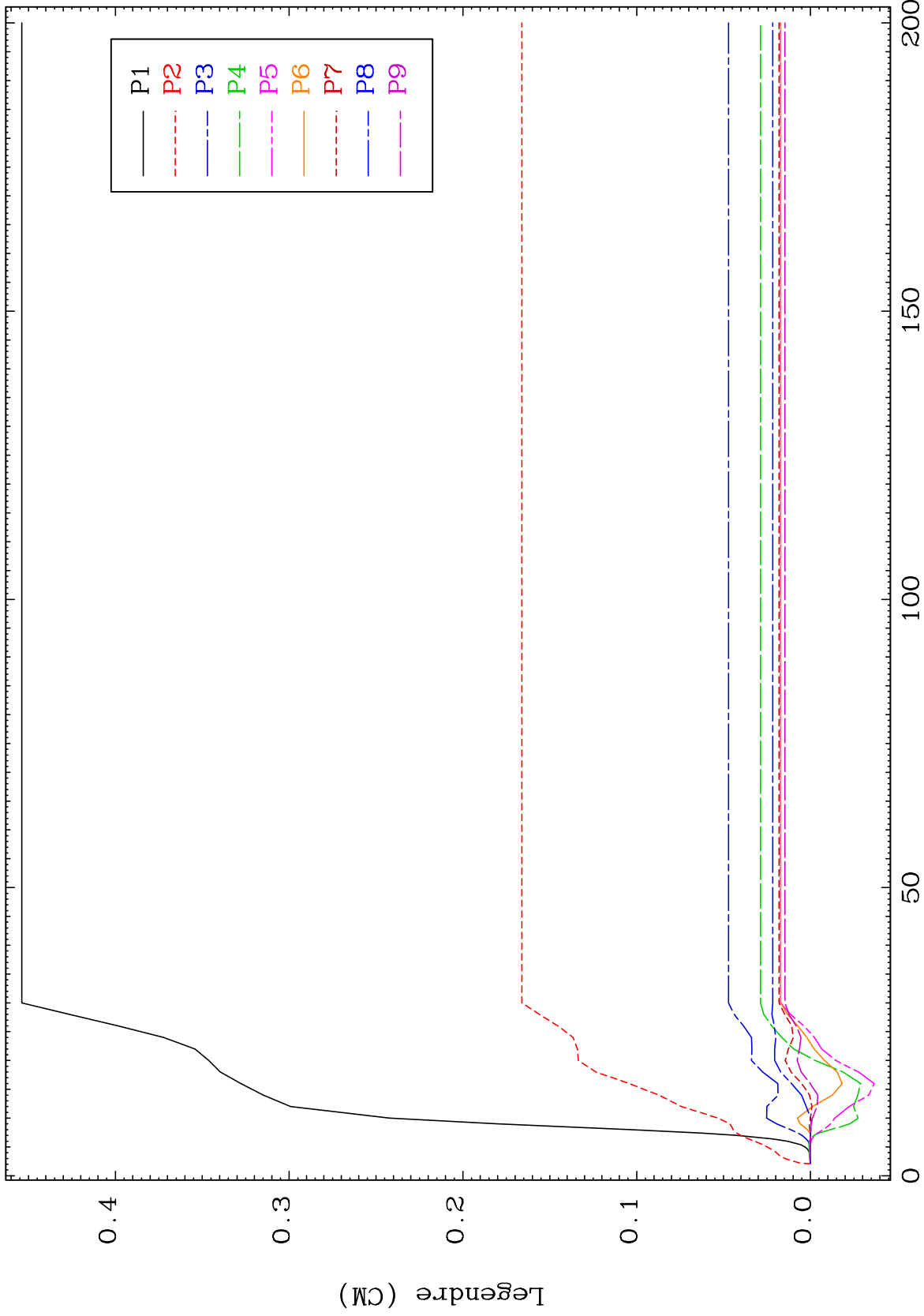
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.039 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



76

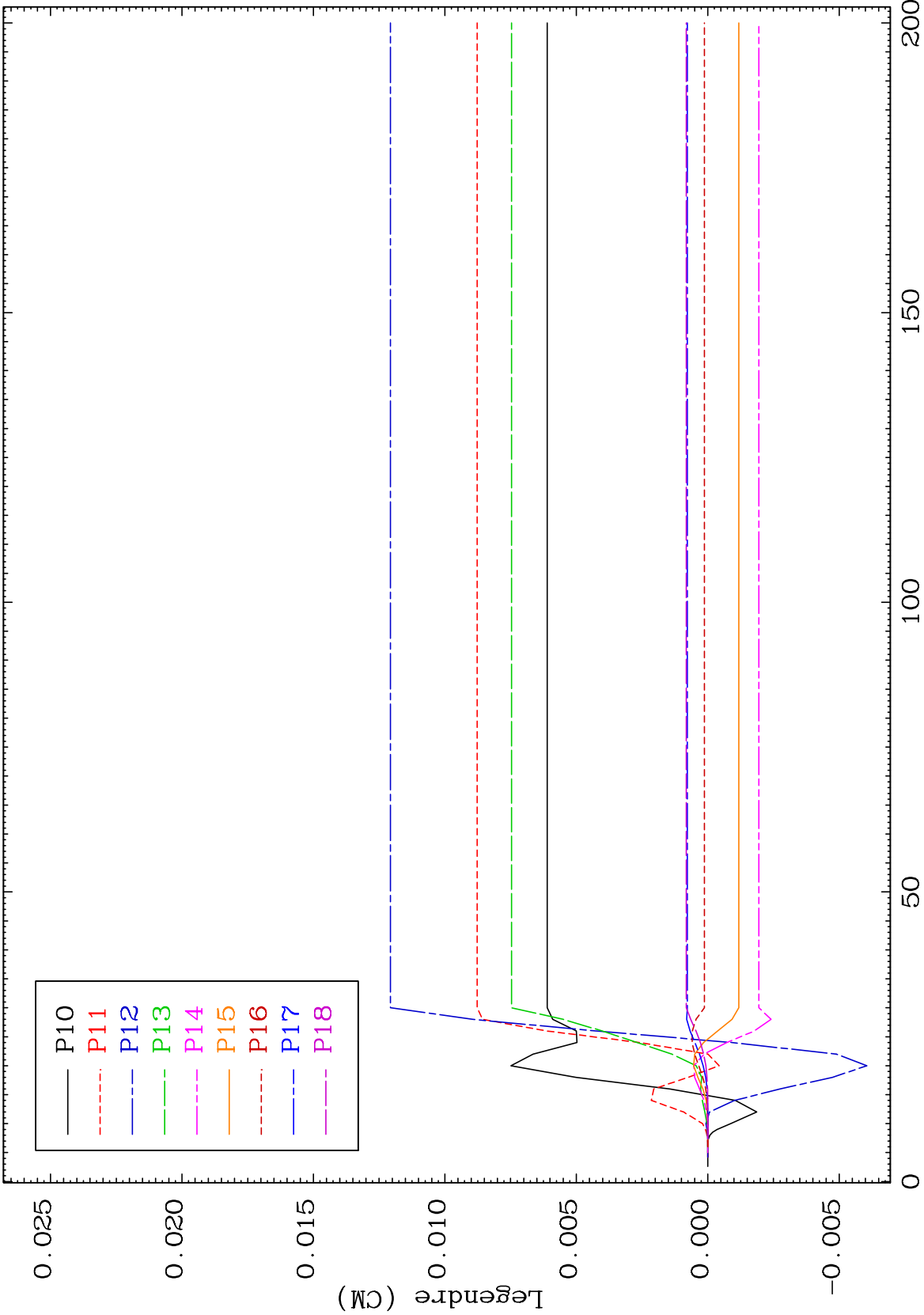
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.039 MeV (n,n') Level  
Legendre Coefficients

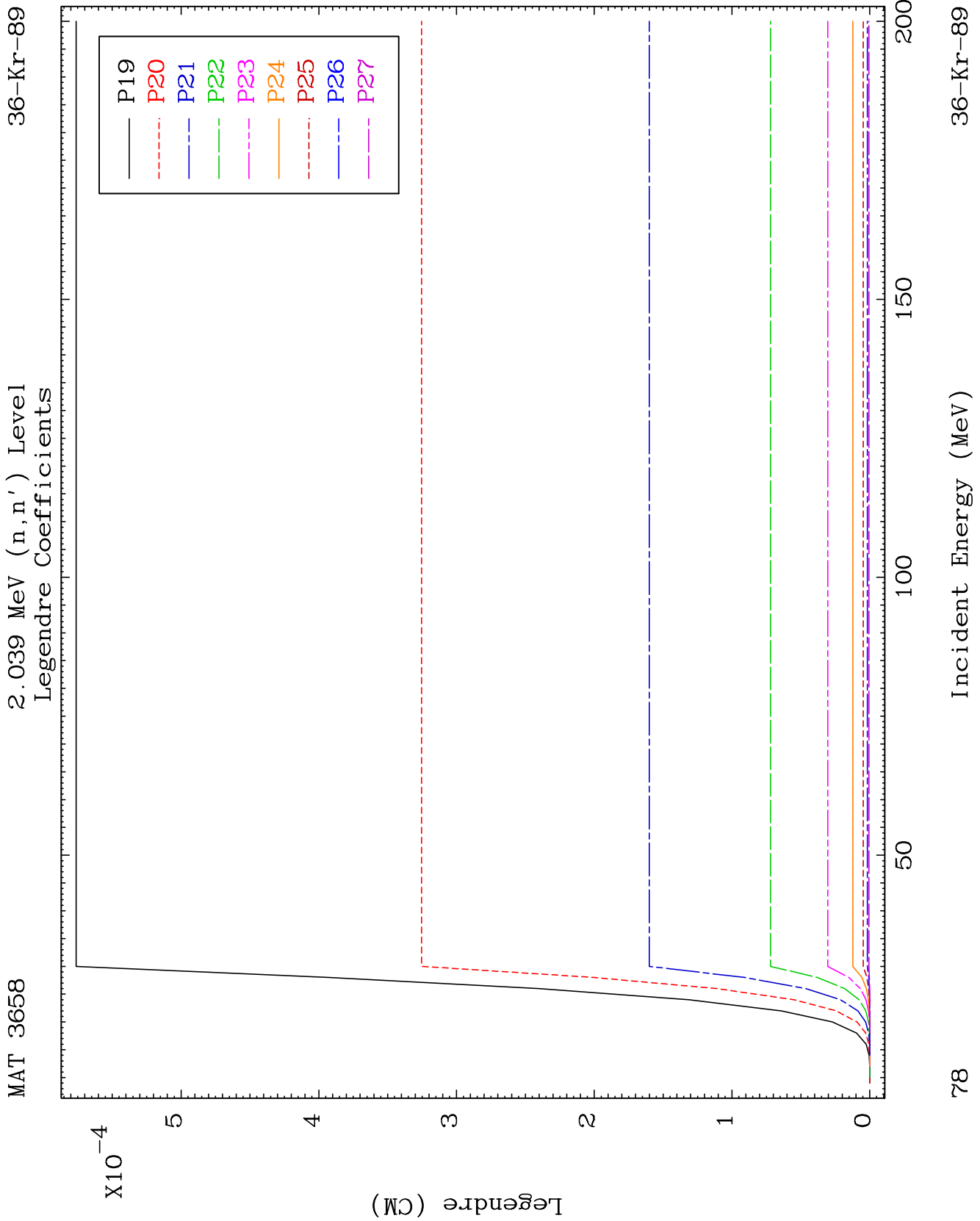
36-Kr-89



77

Incident Energy (MeV)

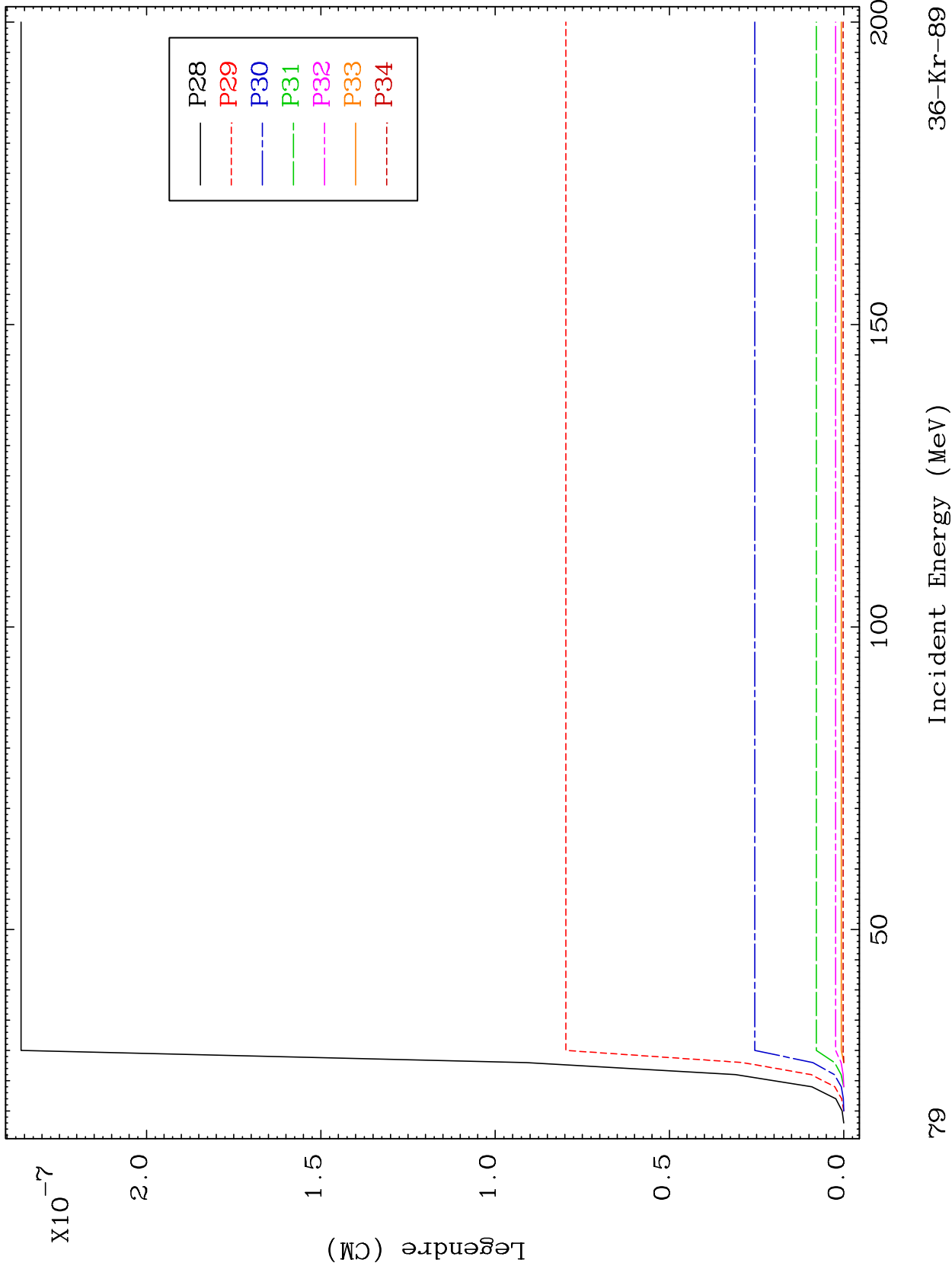
36-Kr-89



MAT 3658

2.039 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



79

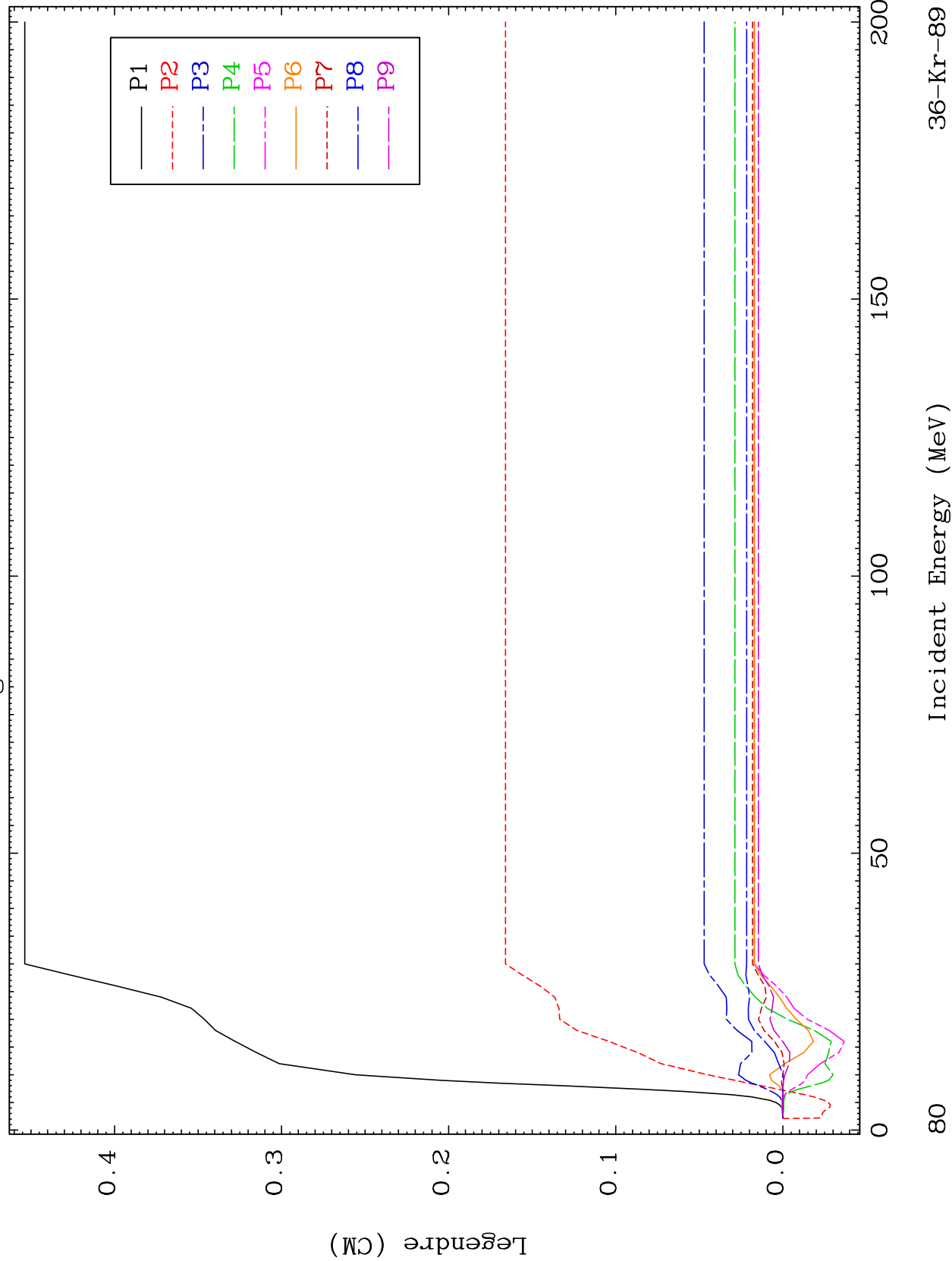
36-Kr-89



MAT 3658

2.063 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89

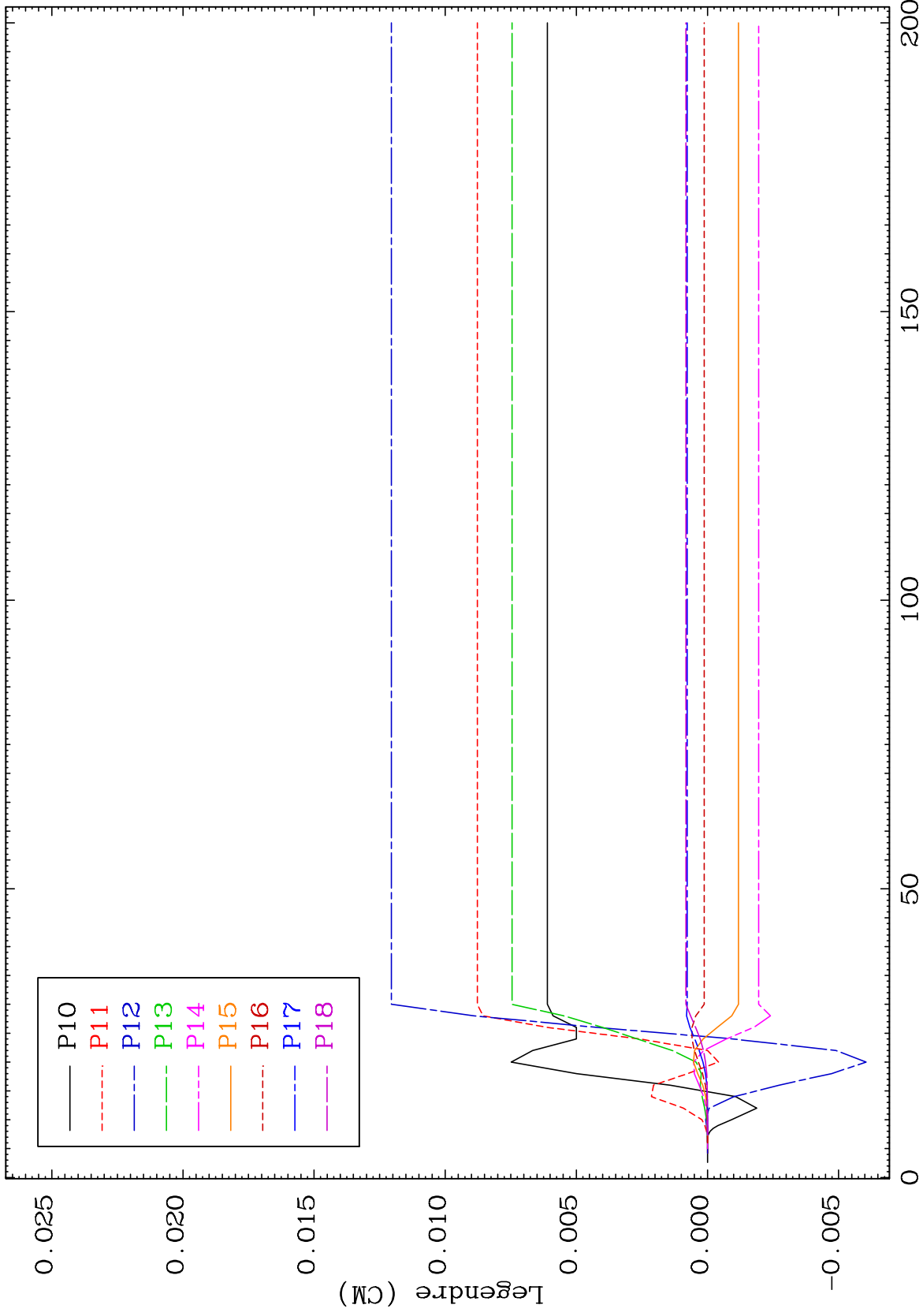


36-Kr-89

MAT 3658

2.063 MeV (n,n') Level  
Legendre Coefficients

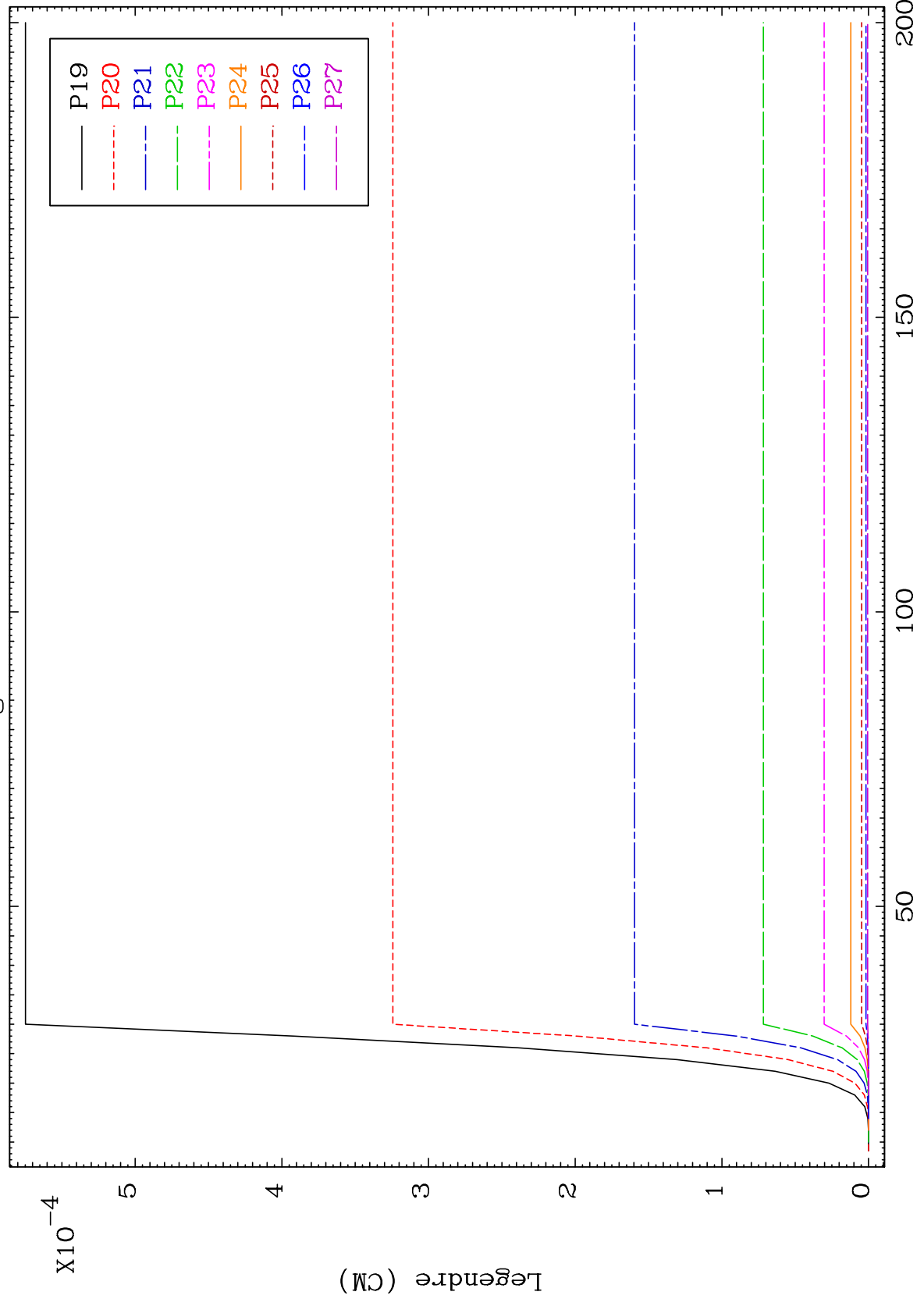
36-Kr-89



81

Incident Energy (MeV)

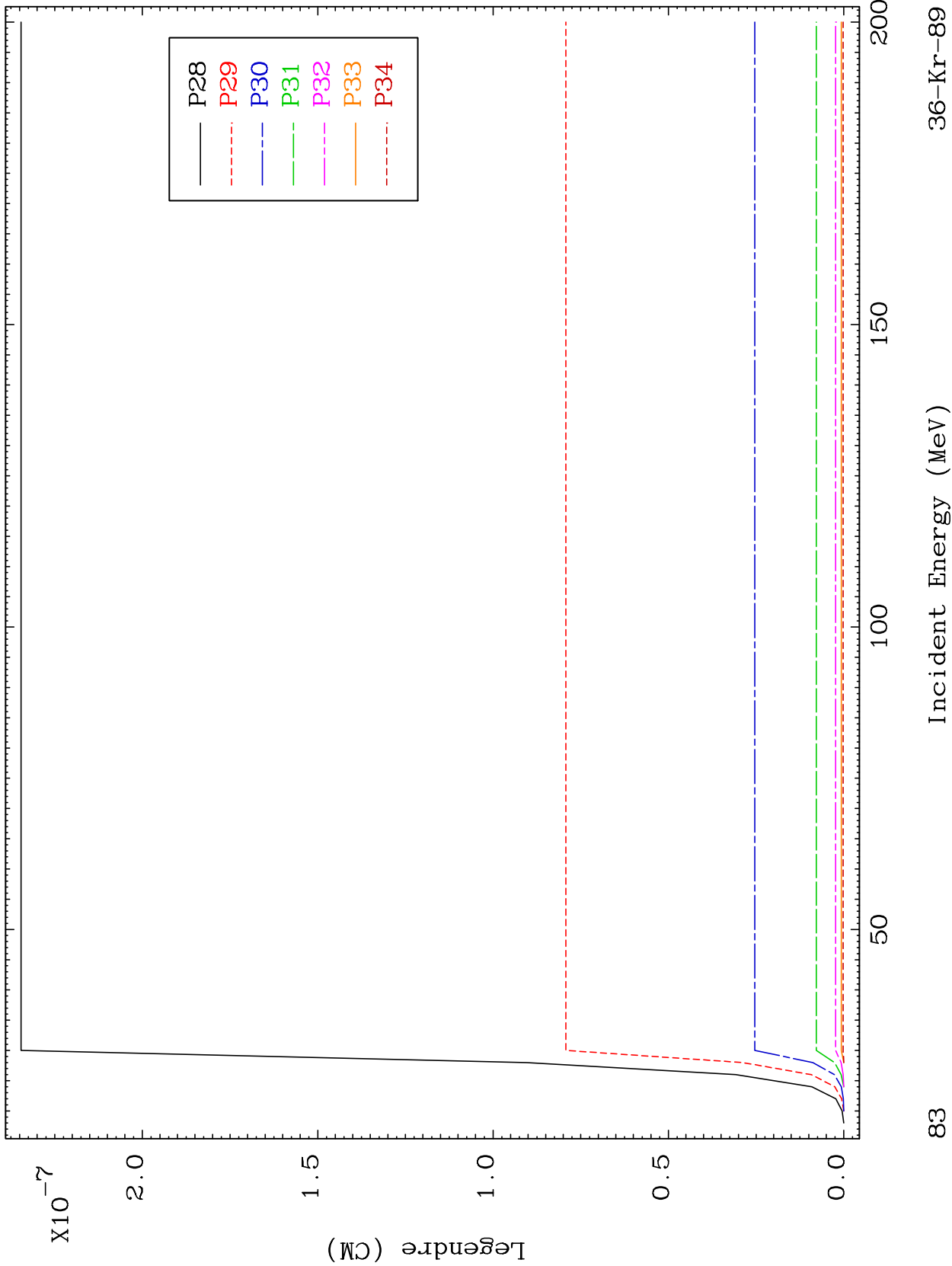
36-Kr-89



MAT 3658

2.063 MeV (n, n') Level  
Legendre Coefficients

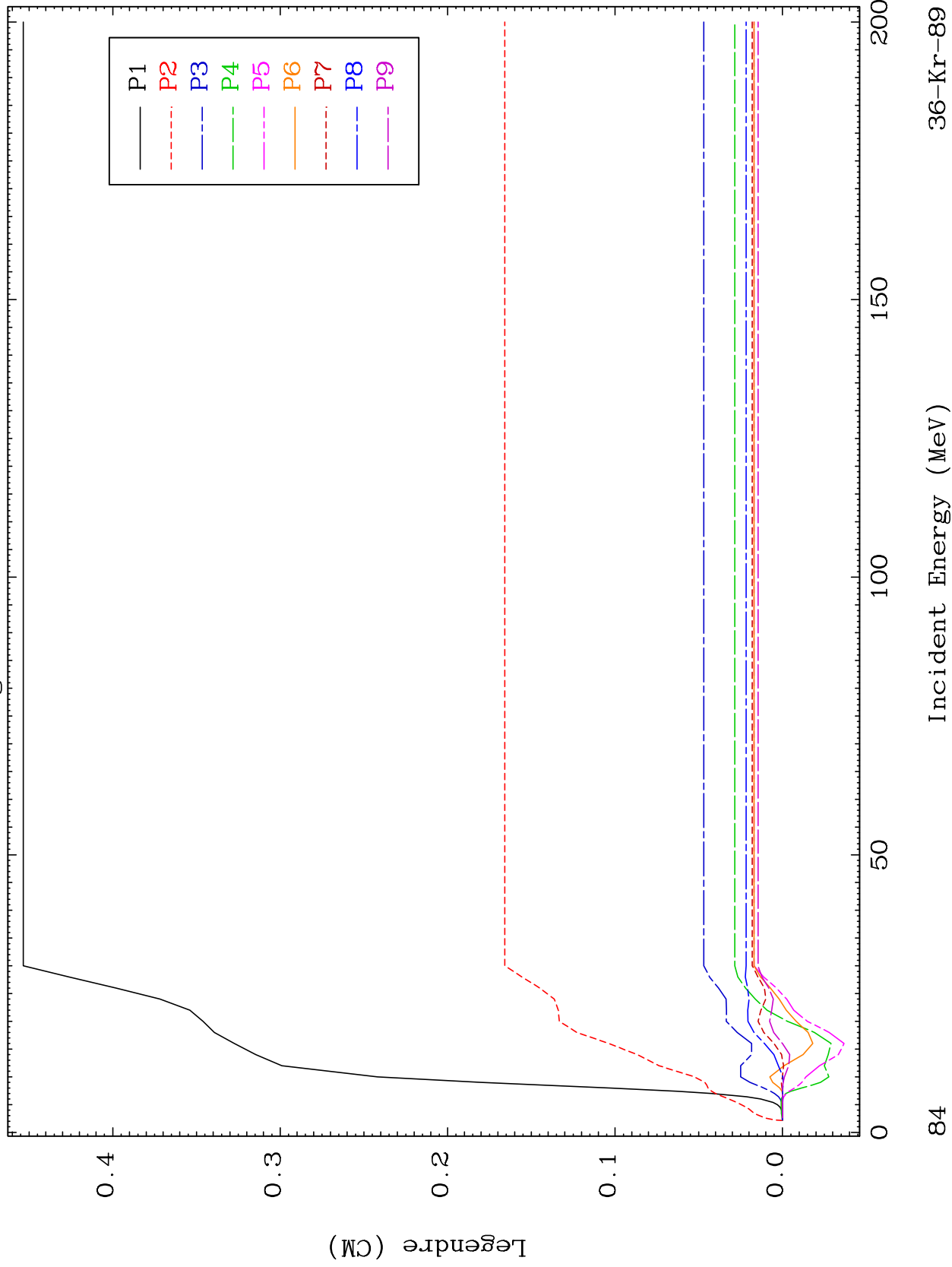
36-Kr-89



MAT 3658

2.104 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



84

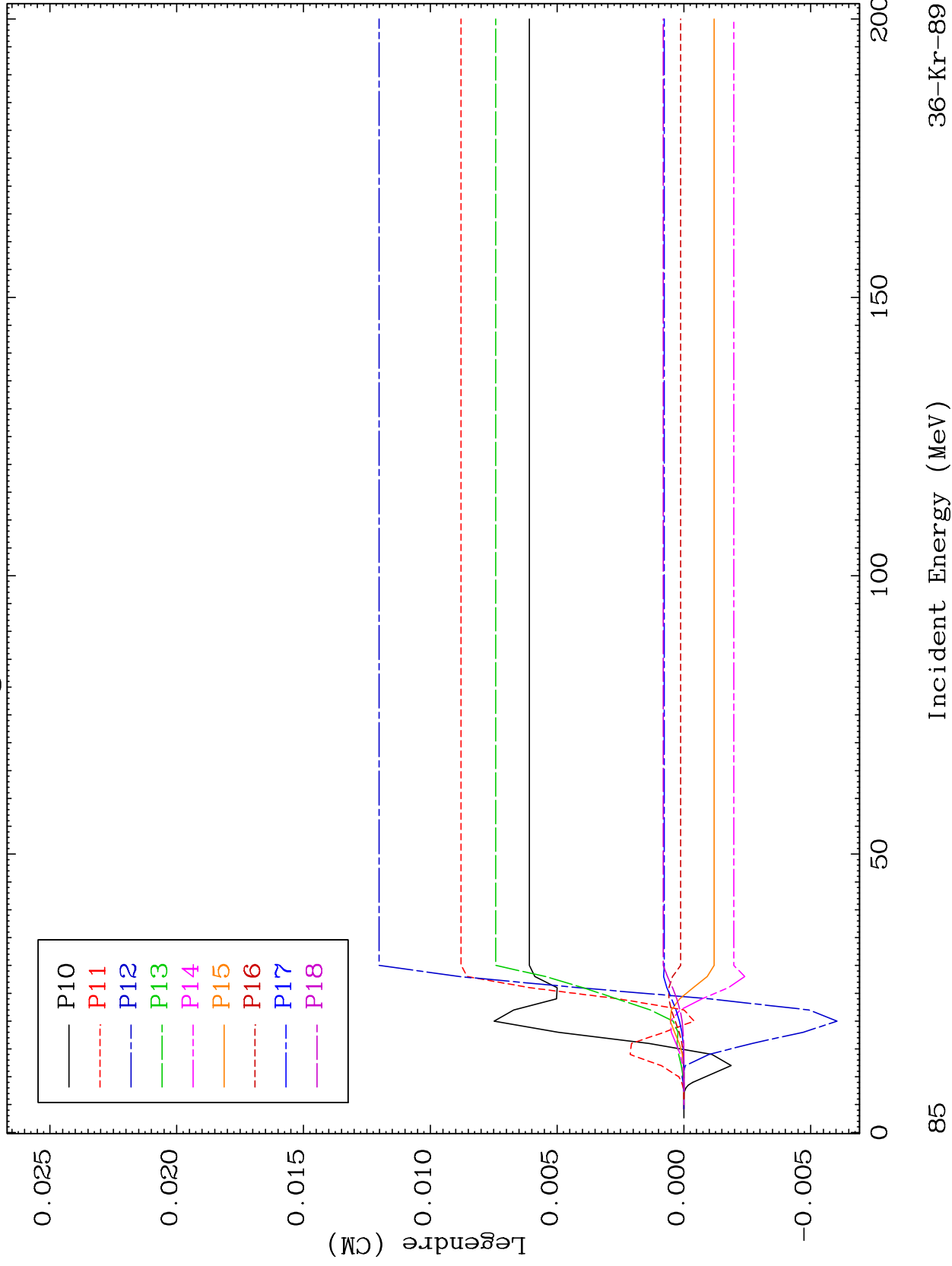
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.104 MeV (n,n') Level  
Legendre Coefficients

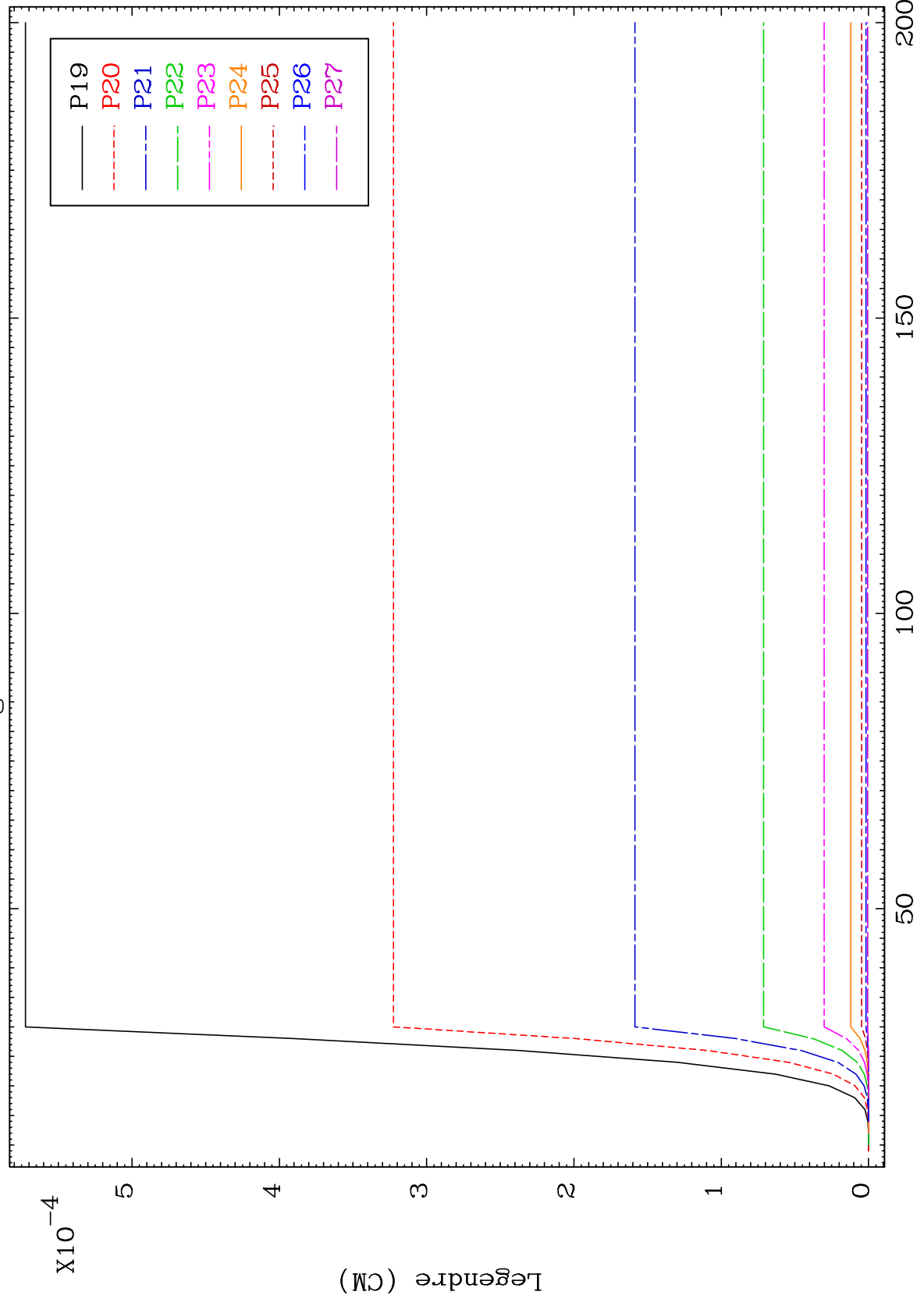
36-Kr-89



36-Kr-89

Incident Energy (MeV)

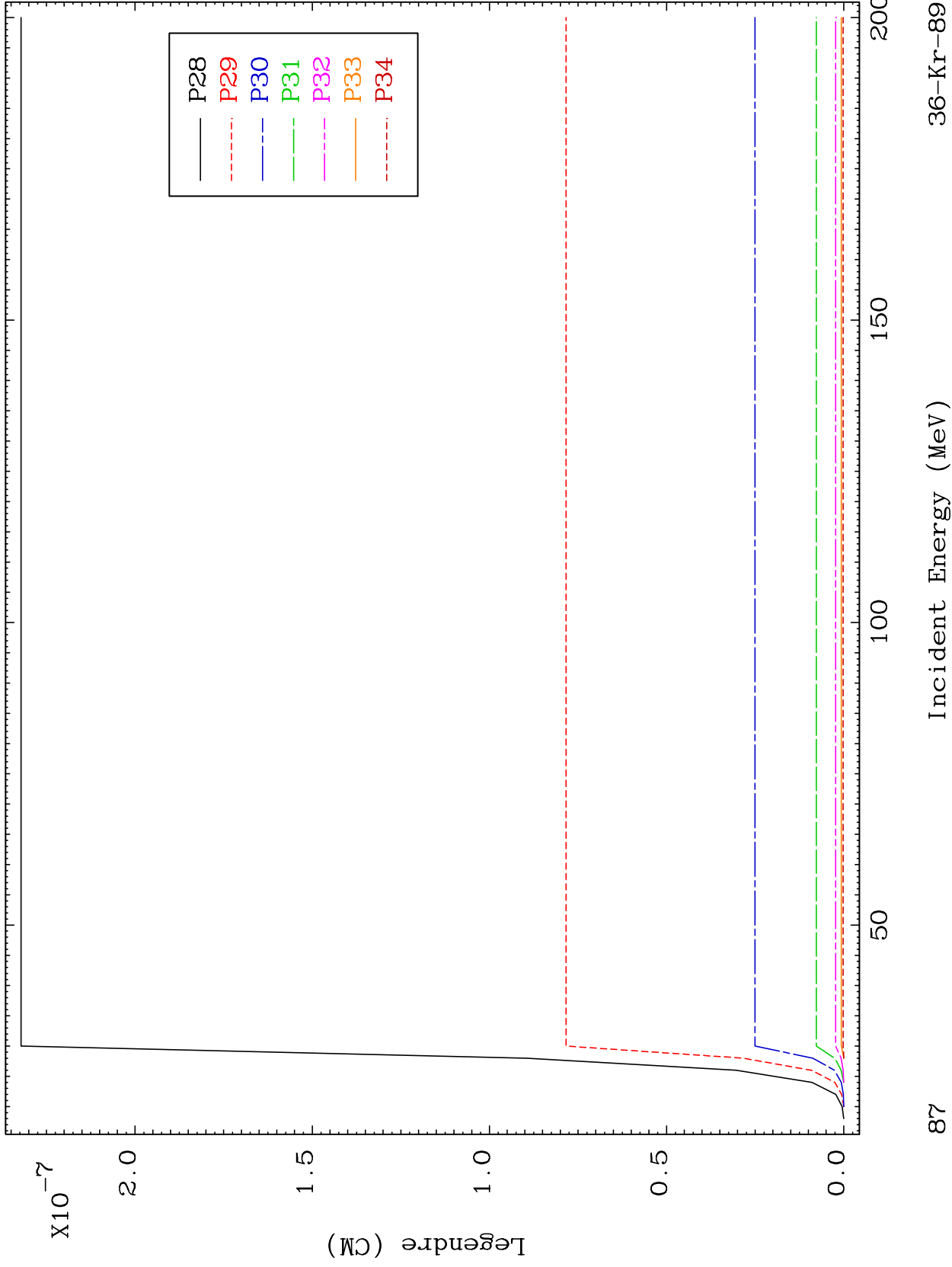
85



MAT 3658

2.104 MeV (n, n') Level  
Legendre Coefficients

36-Kr-89

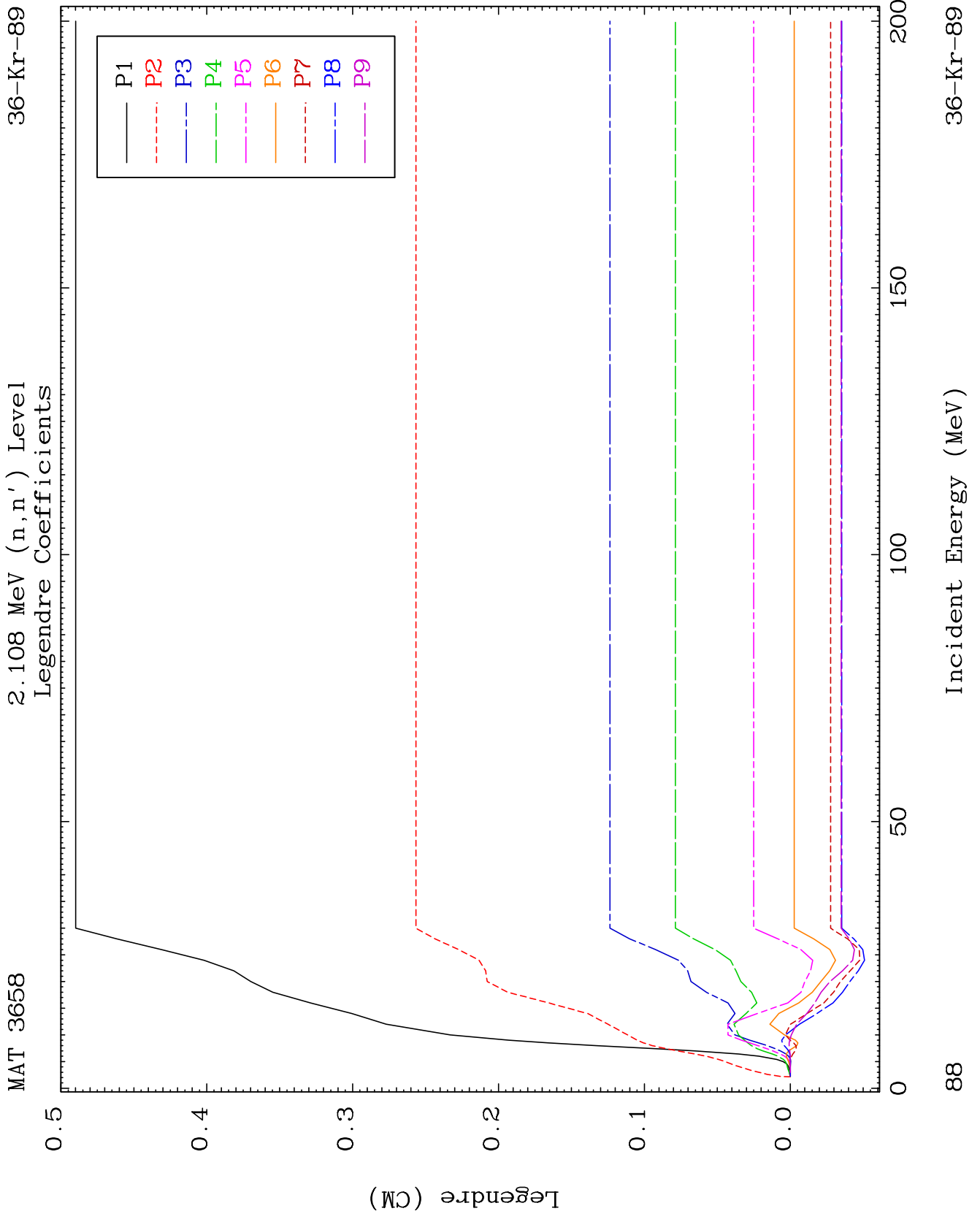


87

Incident Energy (MeV)

36-Kr-89

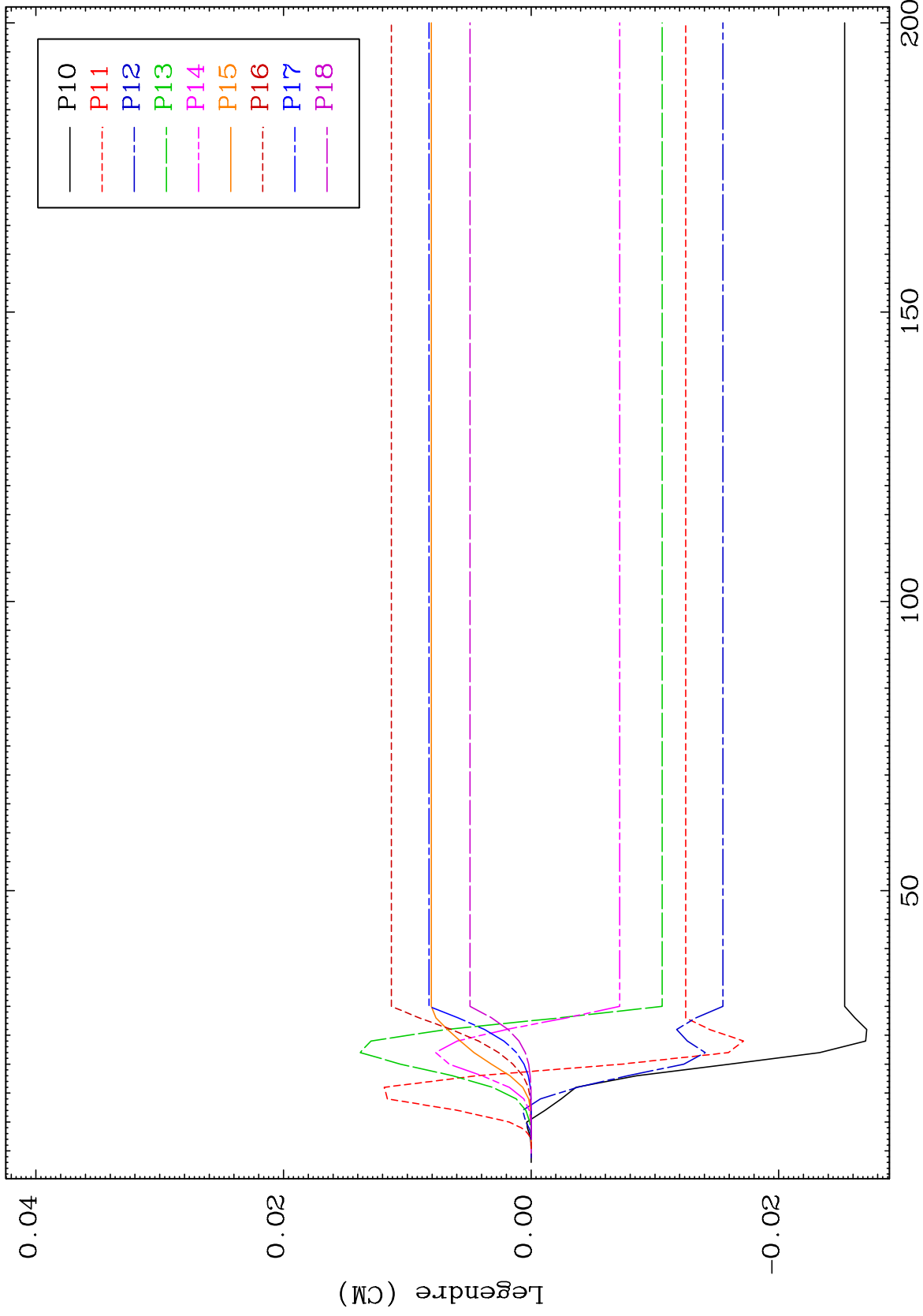




MAT 3658

2.108 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



89

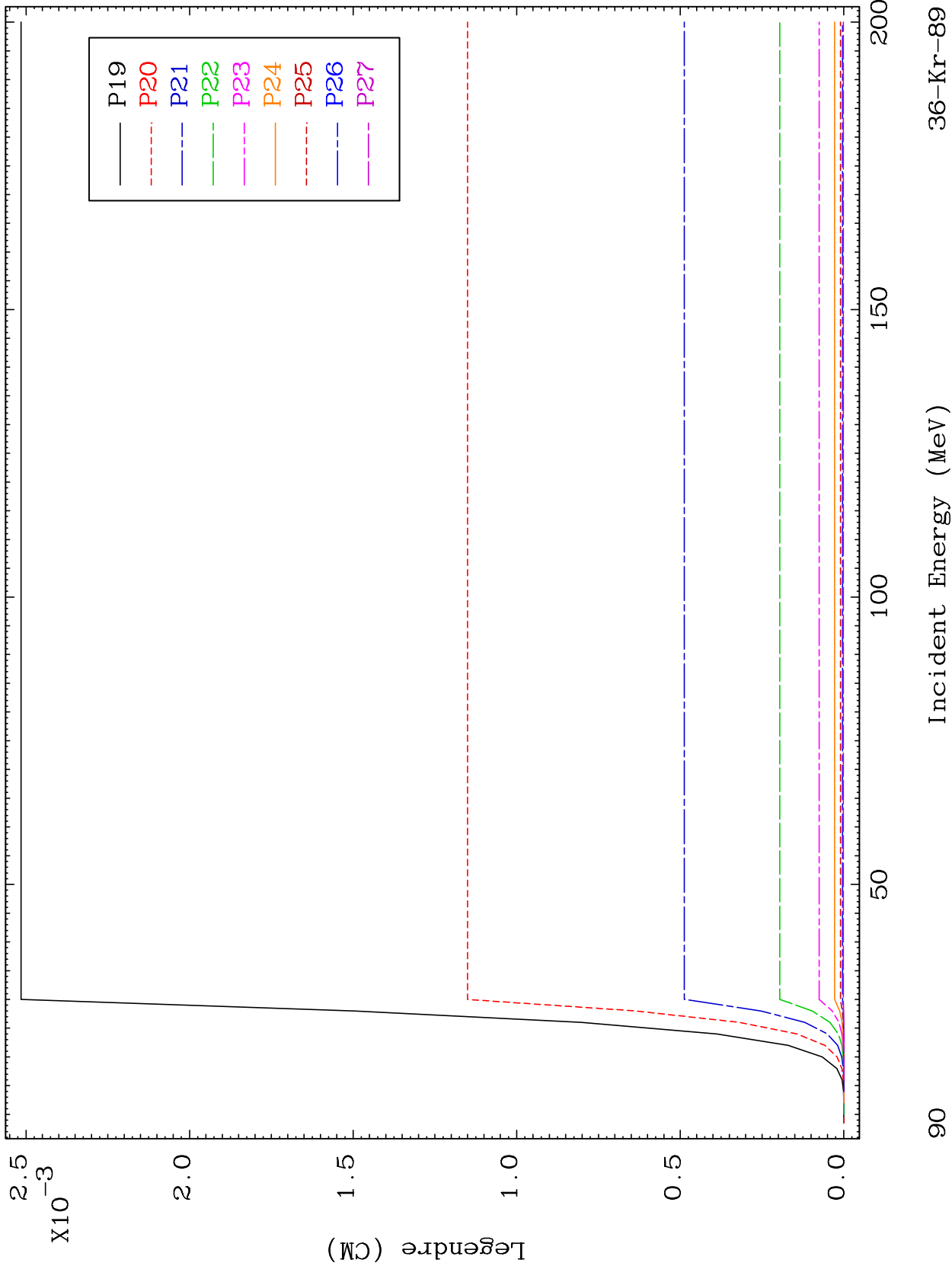
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.108 MeV (n,n') Level  
Legendre Coefficients

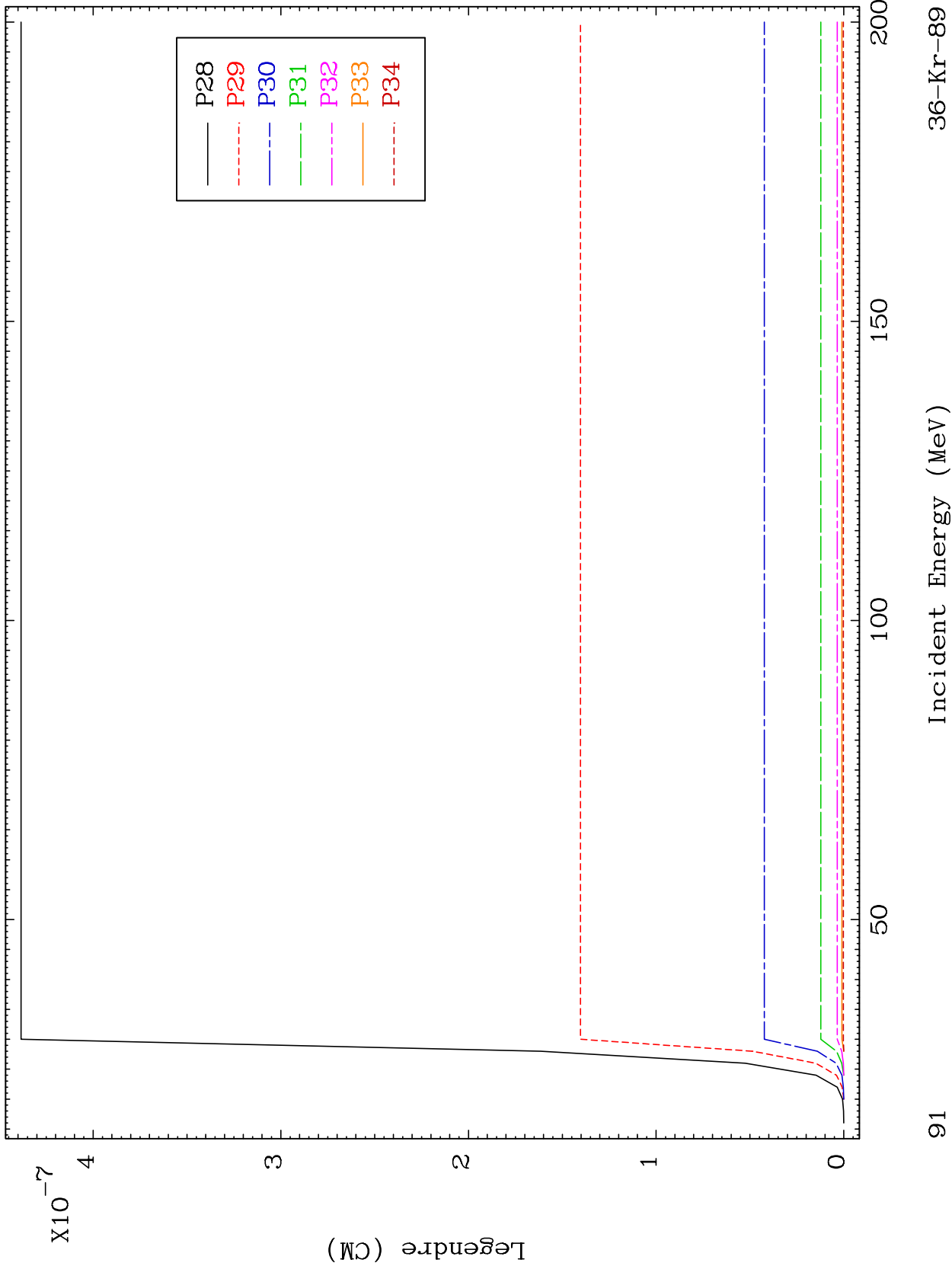
36-Kr-89



MAT 3658

2.108 MeV (n,n') Level  
Legendre Coefficients

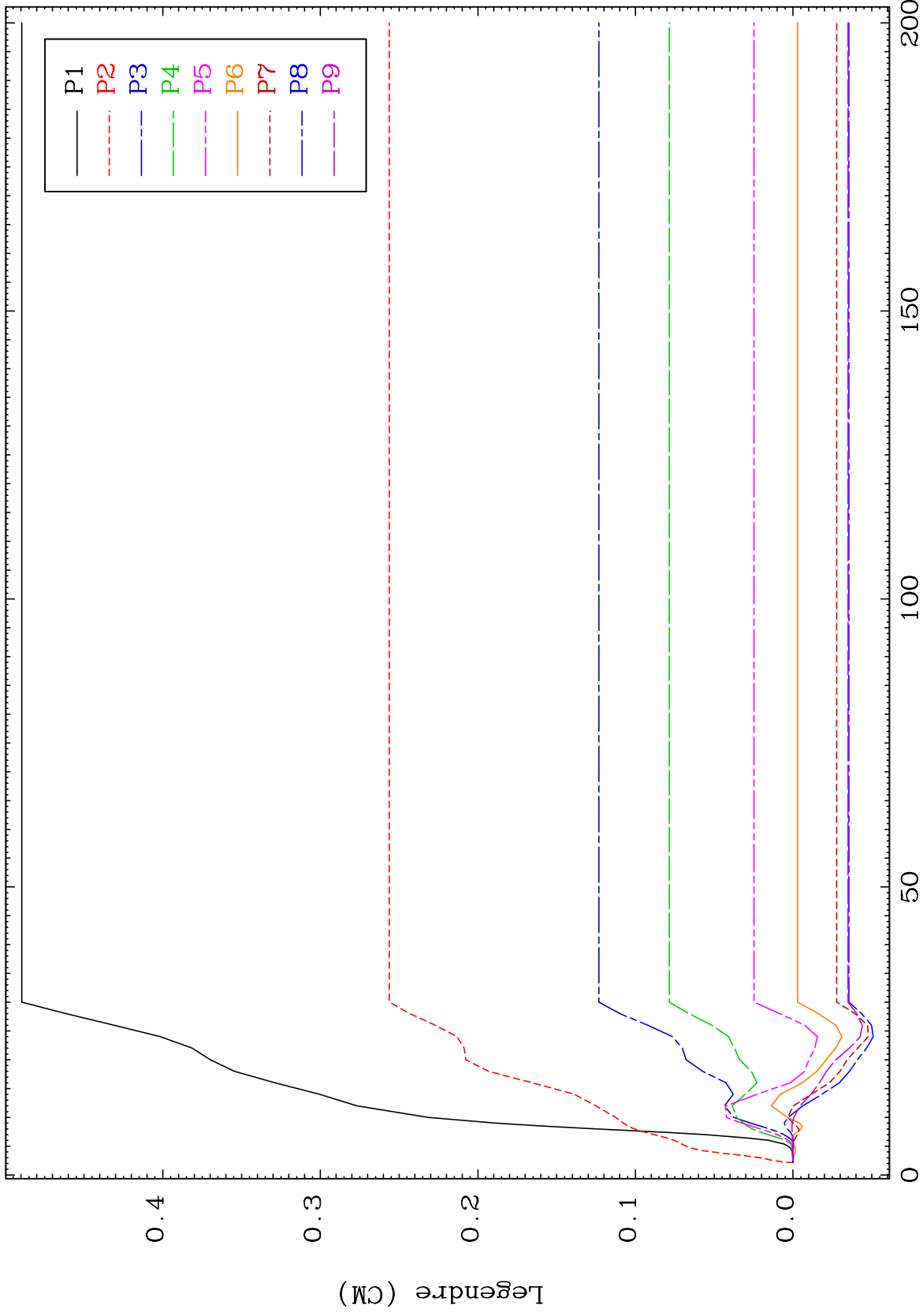
36-Kr-89



MAT 3658

2.147 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



92

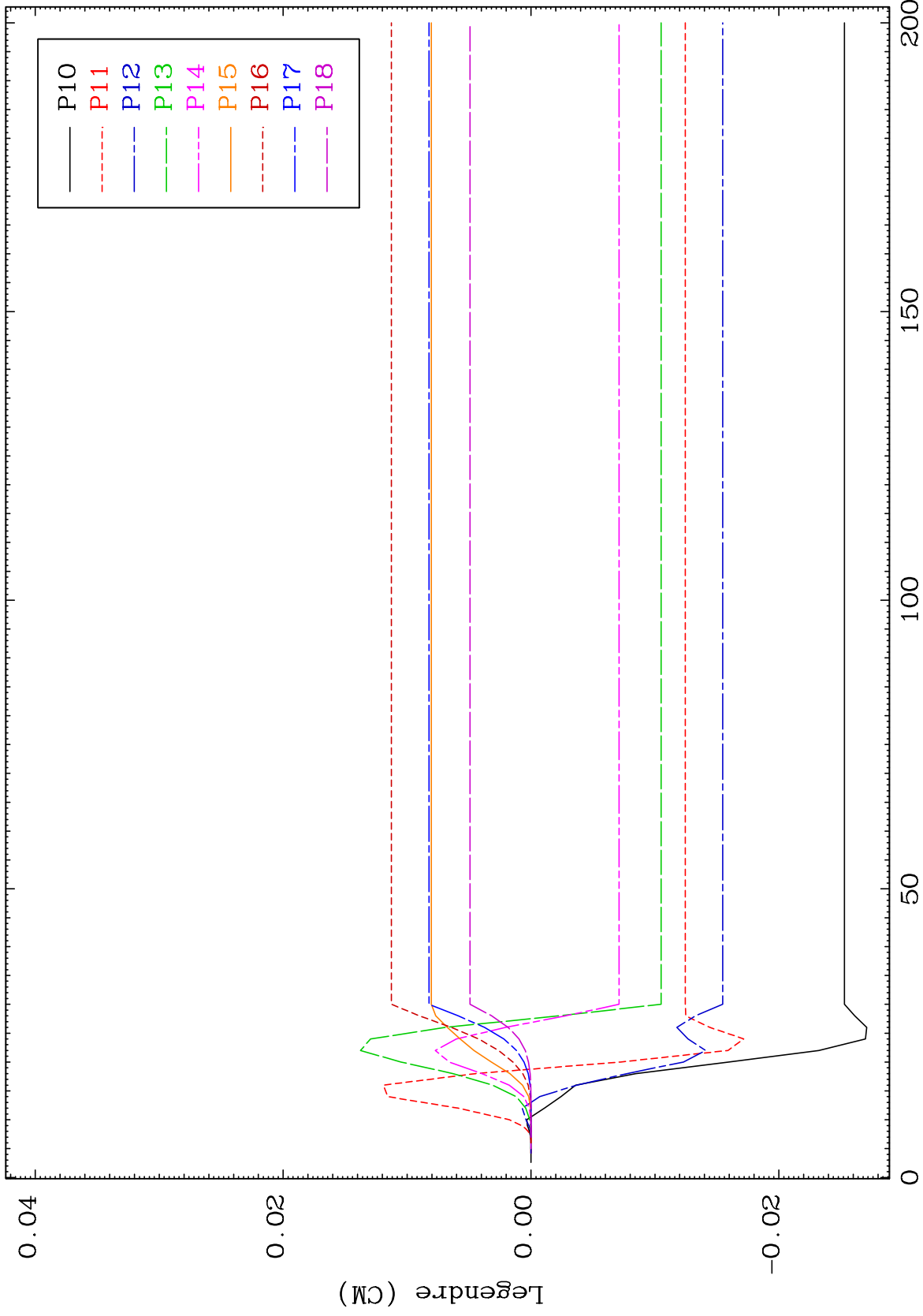
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.147 MeV (n,n') Level  
Legendre Coefficients

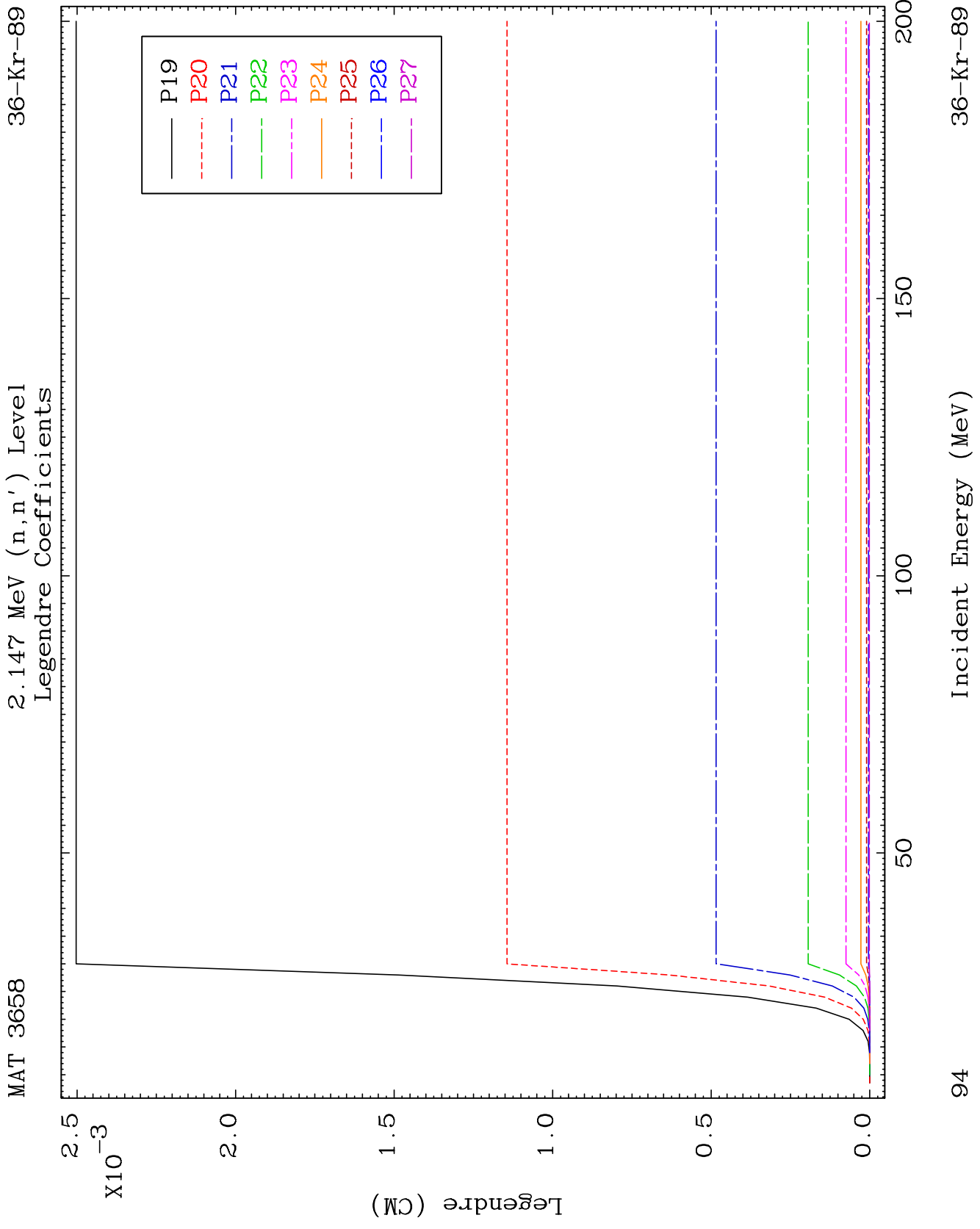
36-Kr-89



93

Incident Energy (MeV)

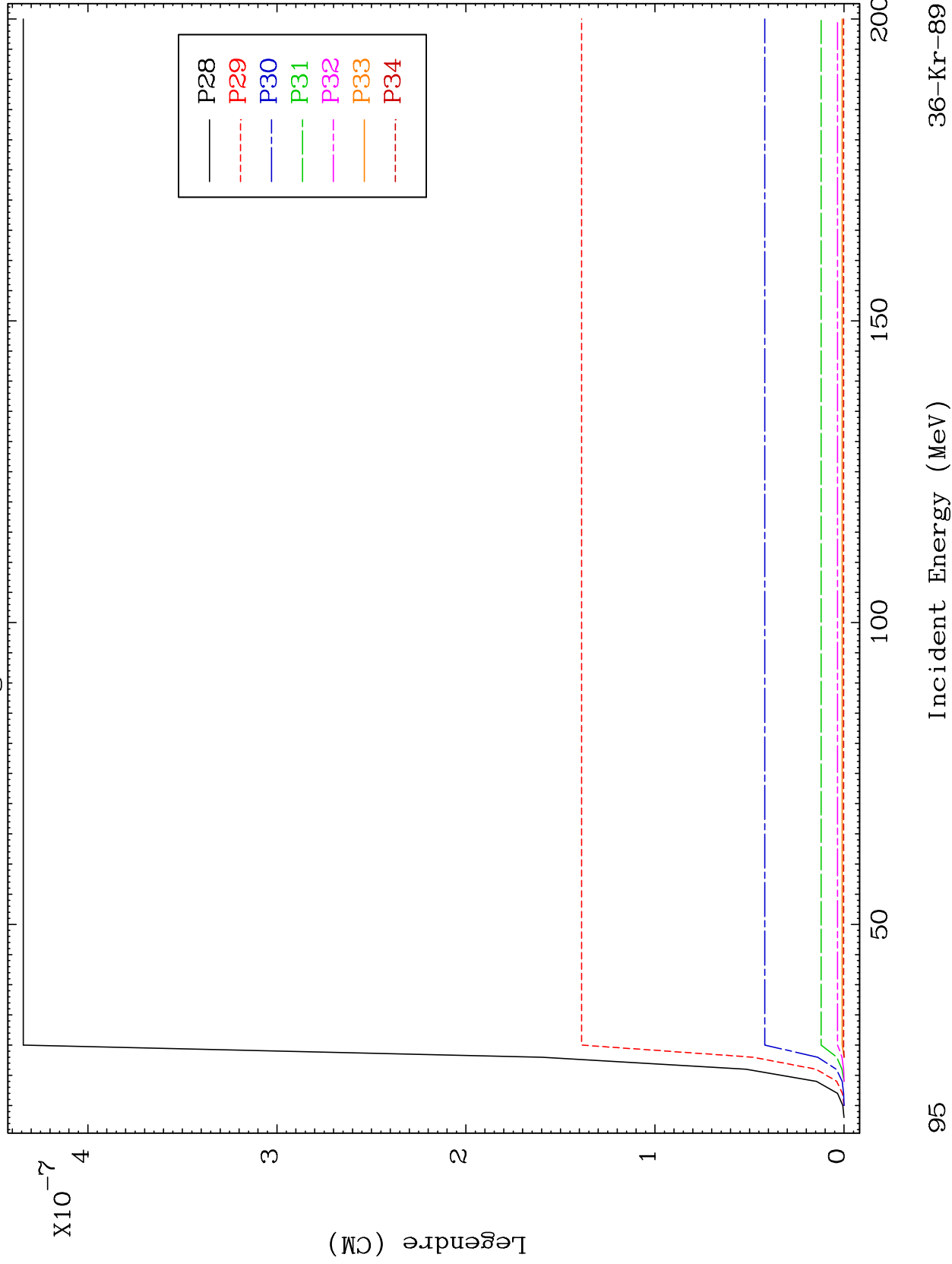
36-Kr-89



MAT 3658

2.147 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



36-Kr-89

Incident Energy (MeV)

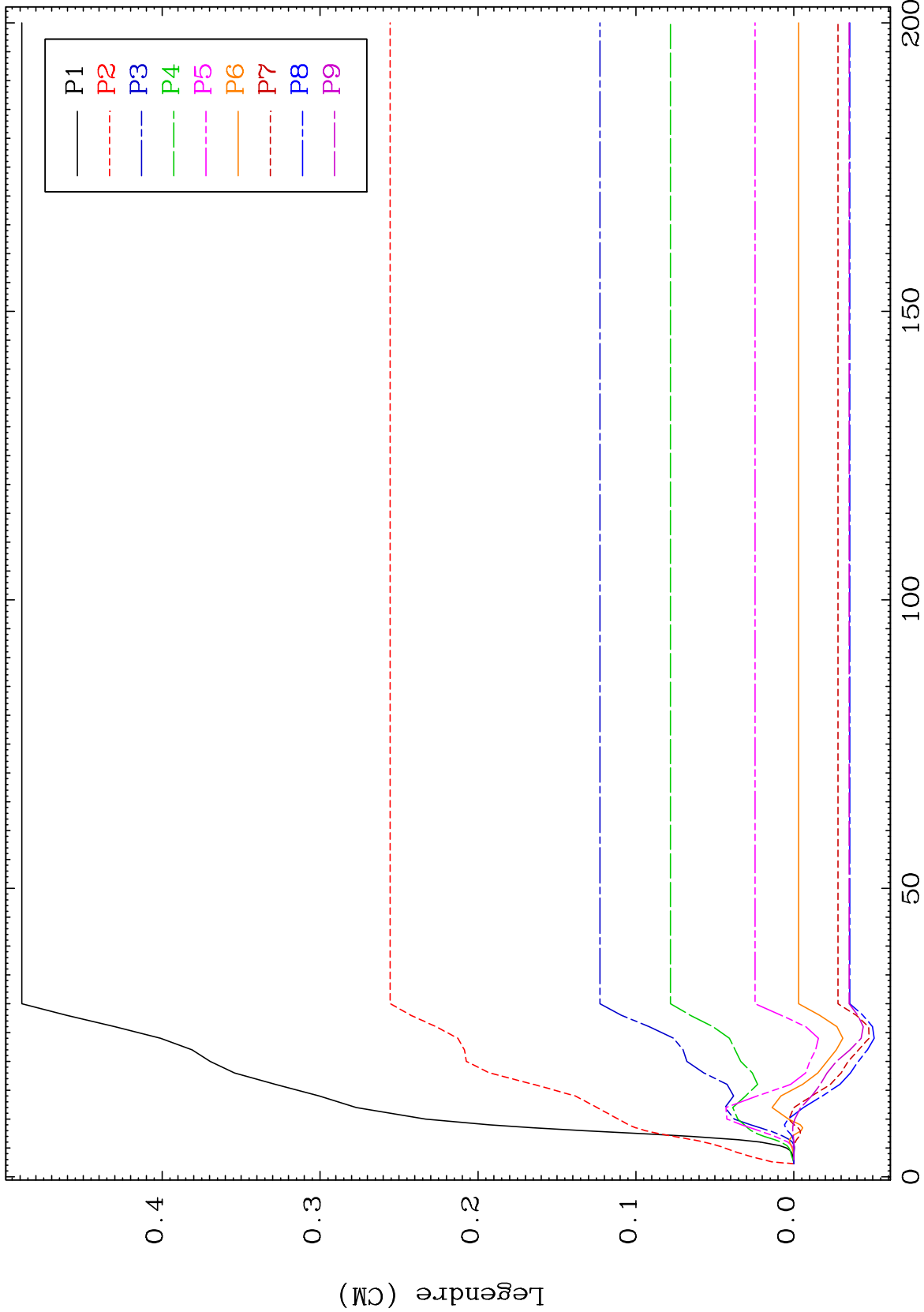
95



MAT 3658

2.217 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



96

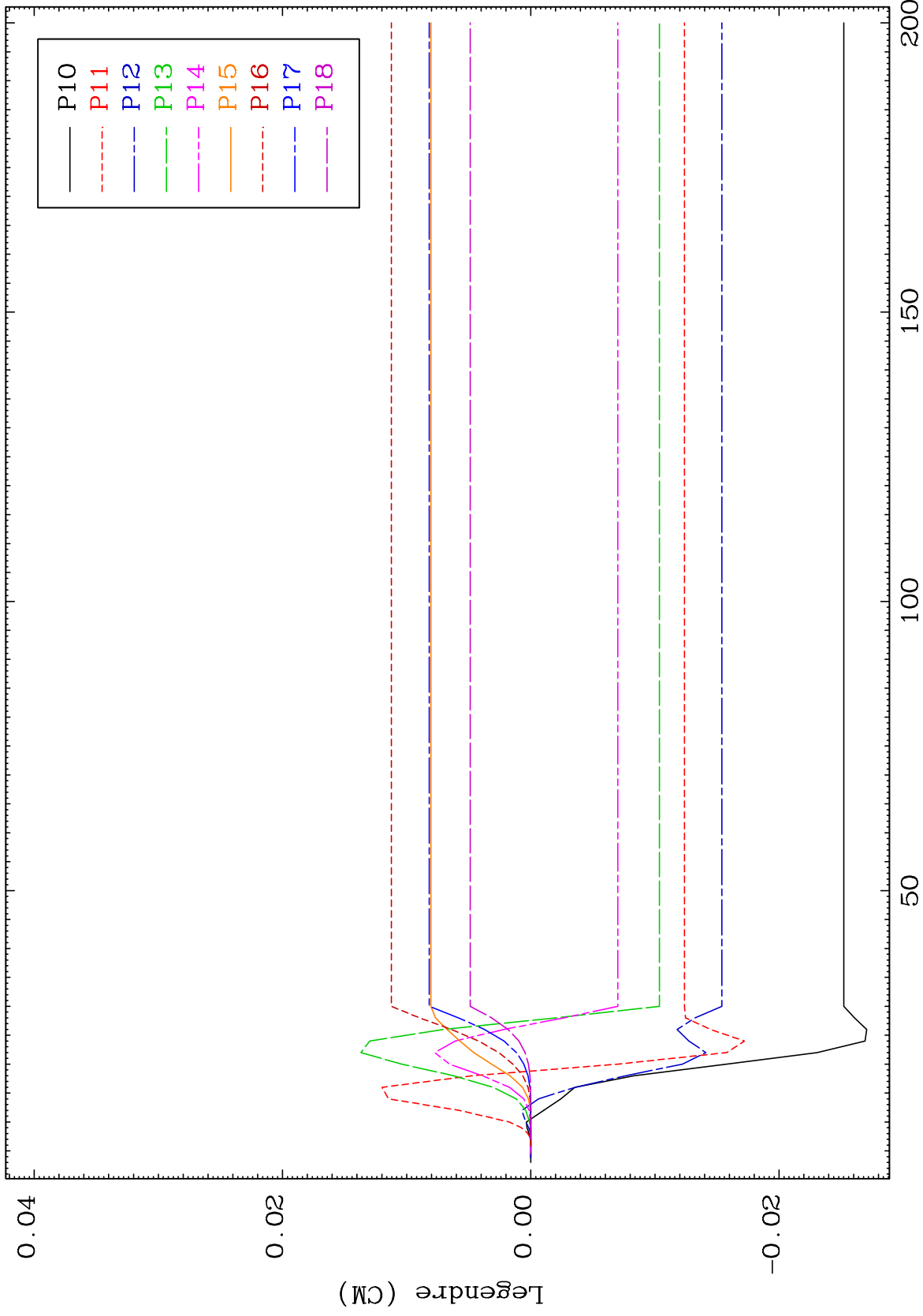
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.217 MeV (n,n') Level  
Legendre Coefficients

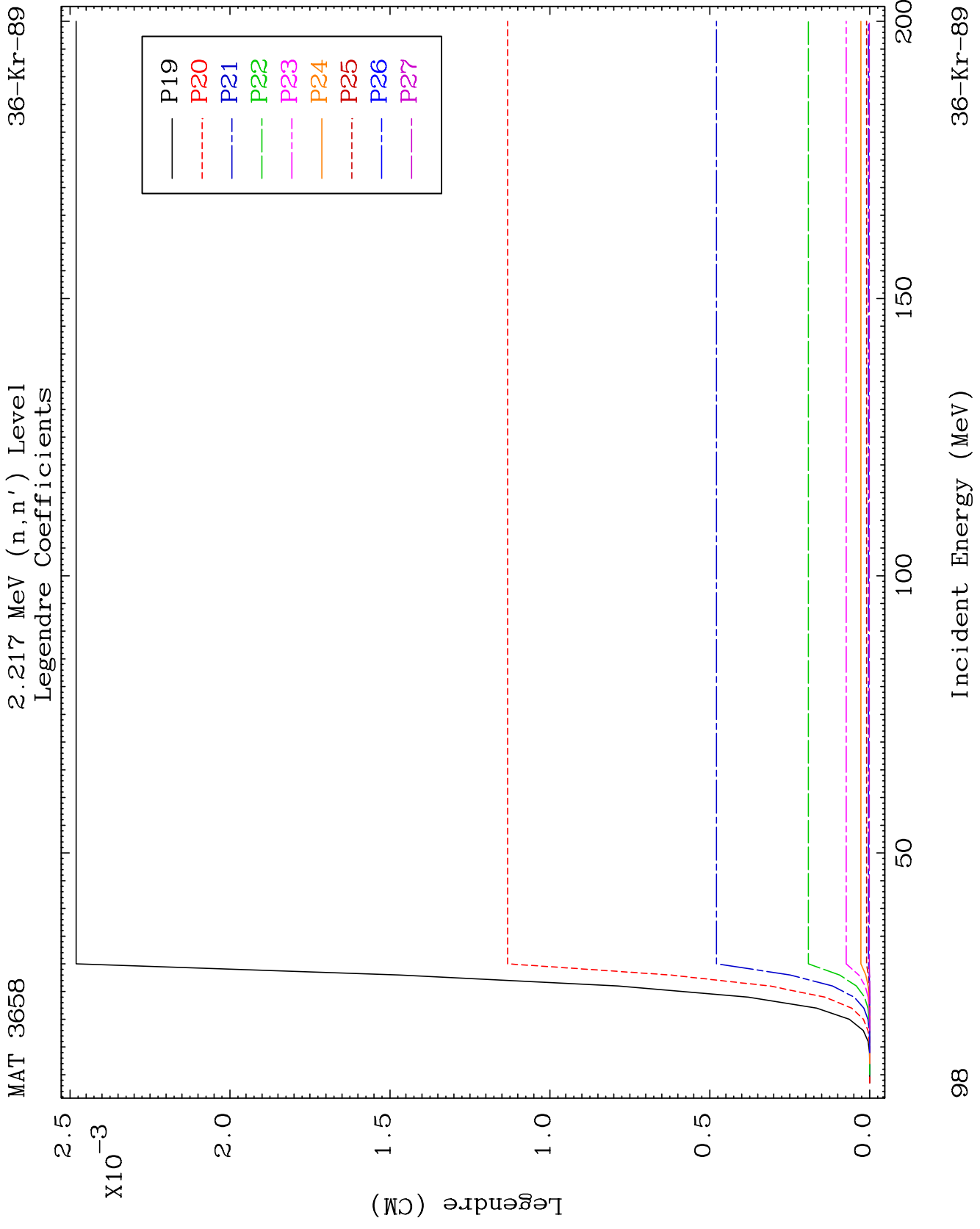
36-Kr-89



97

Incident Energy (MeV)

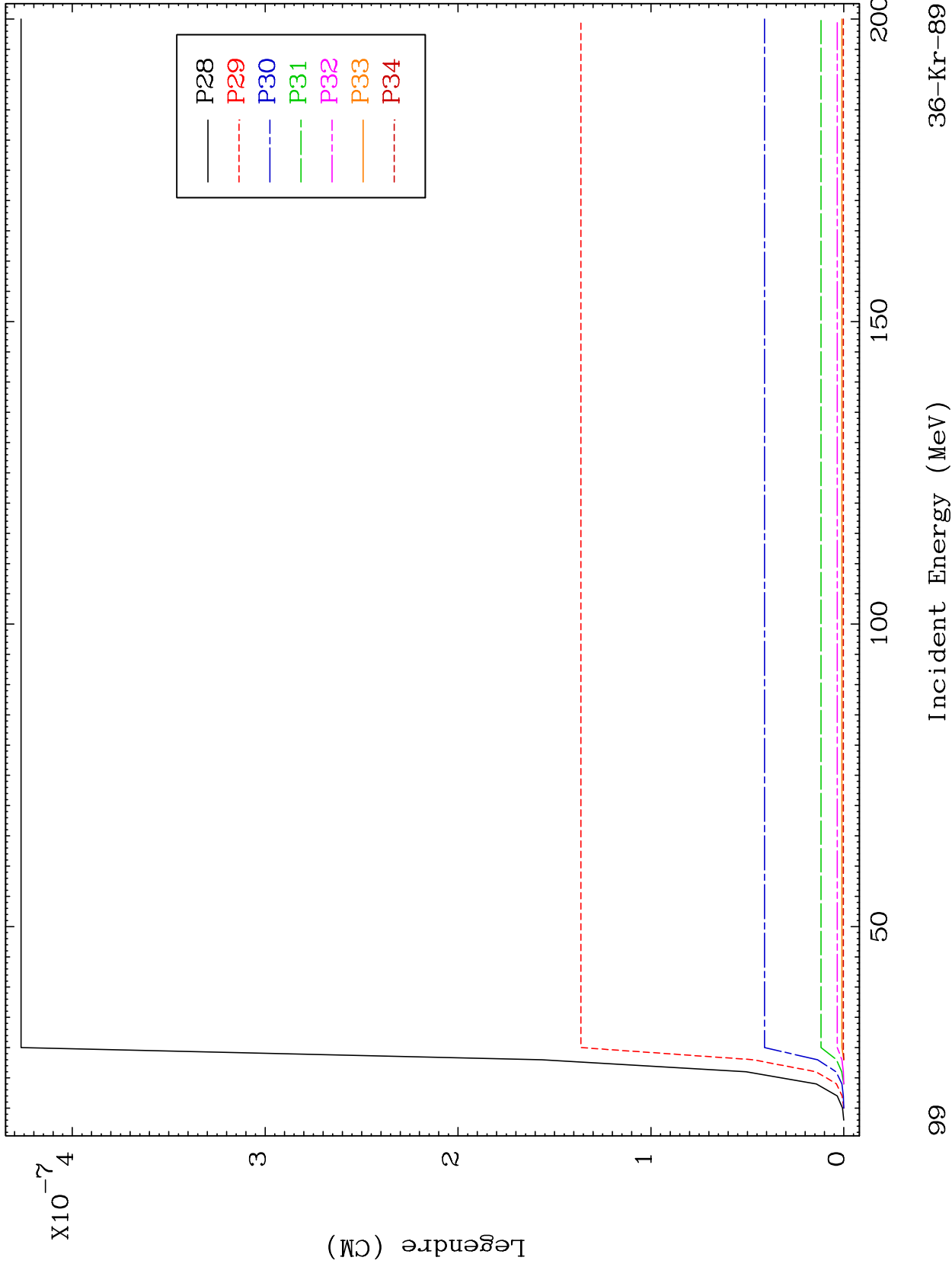
36-Kr-89



MAT 3658

2.217 MeV (n,n') Level  
Legendre Coefficients

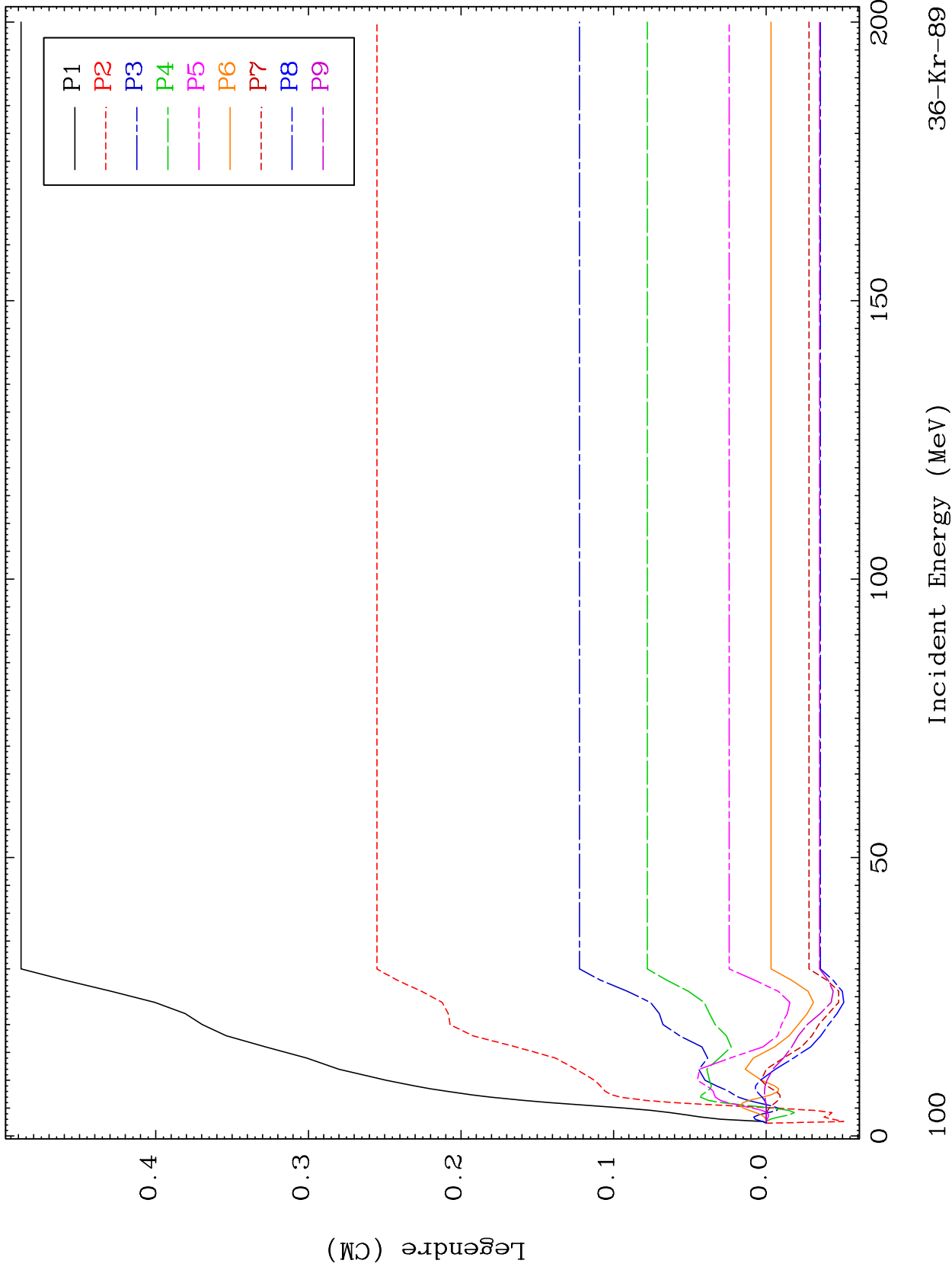
36-Kr-89



MAT 3658

2.278 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89

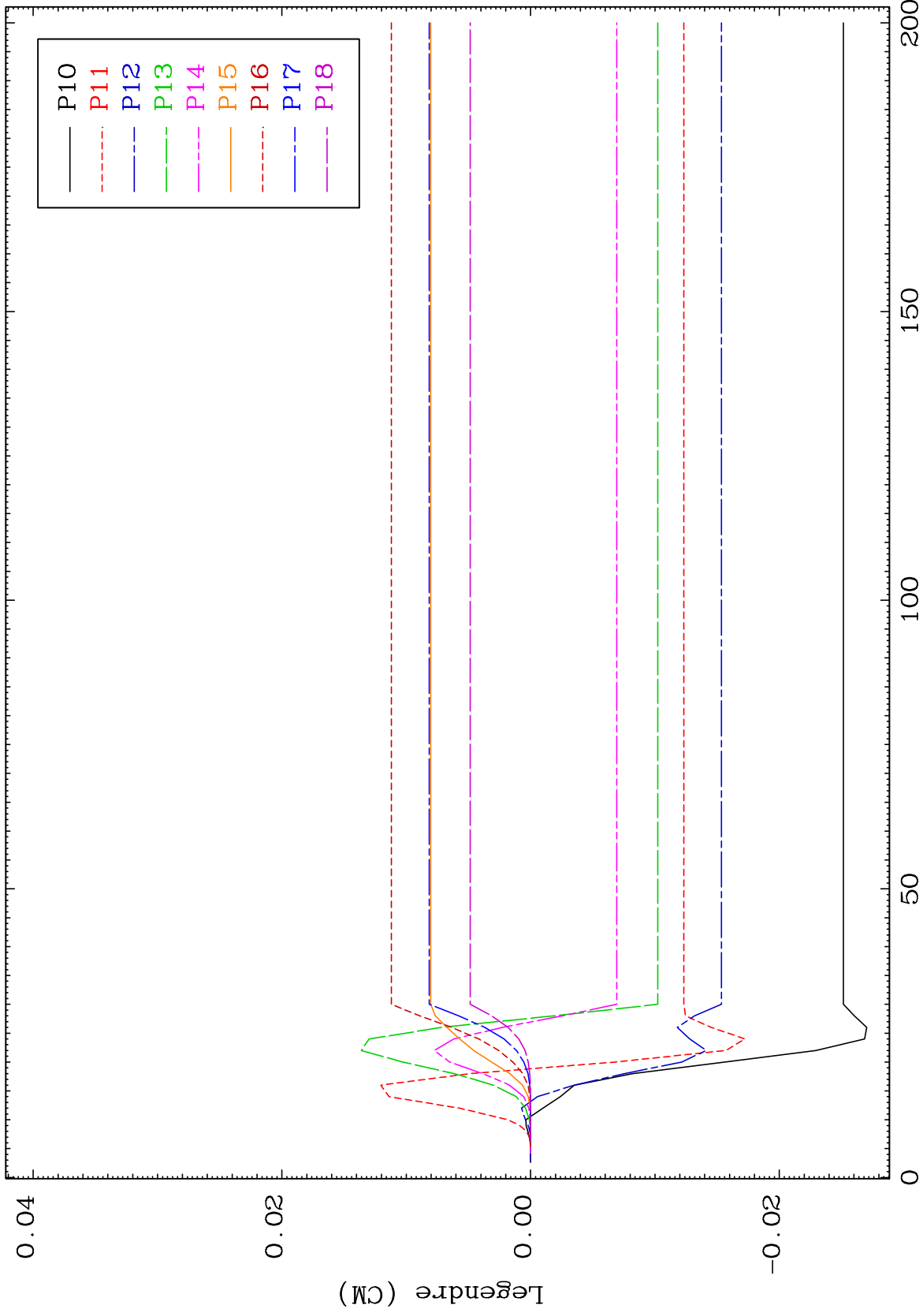


36-Kr-89

MAT 3658

2.278 MeV (n,n') Level  
Legendre Coefficients

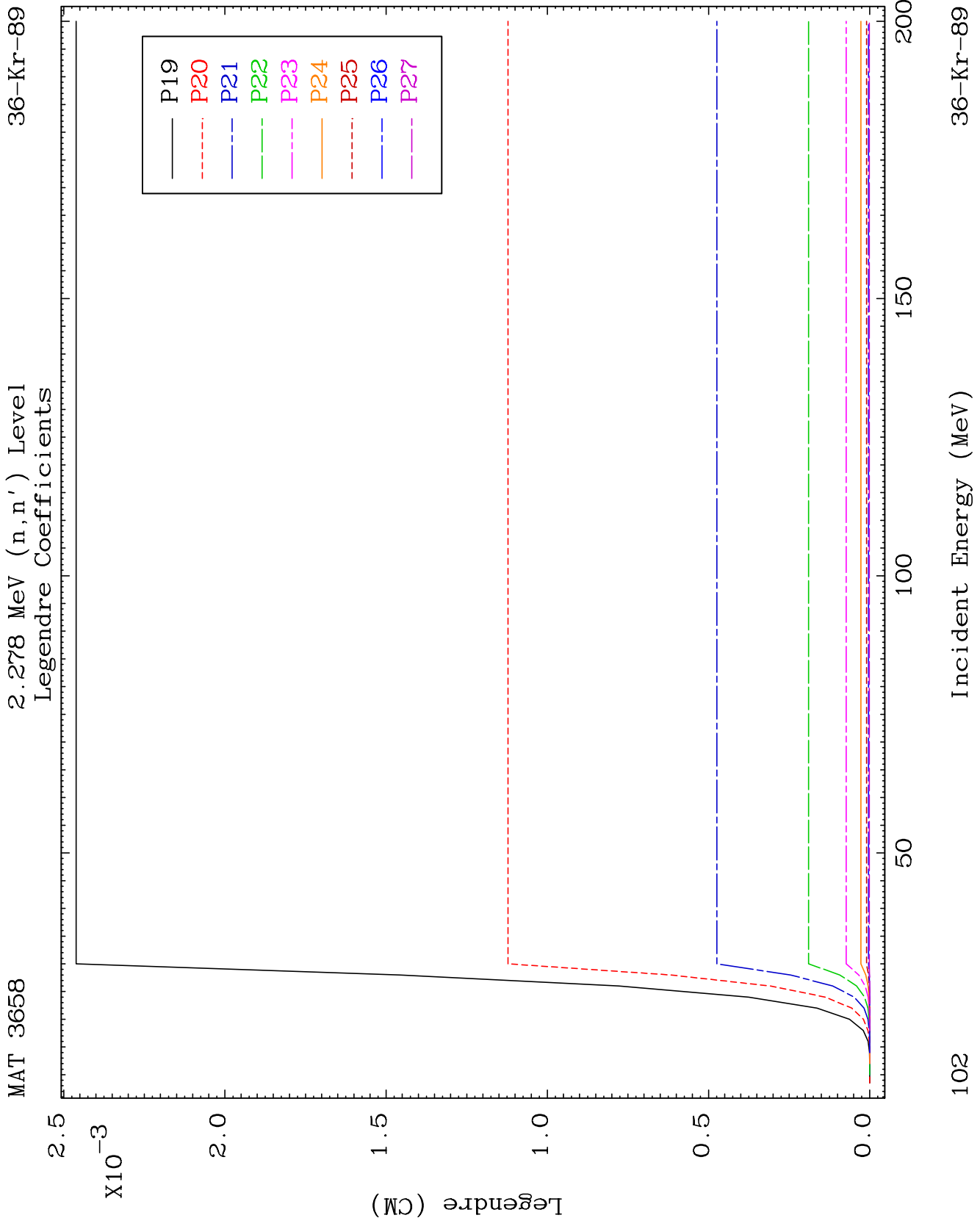
36-Kr-89



101

Incident Energy (MeV)

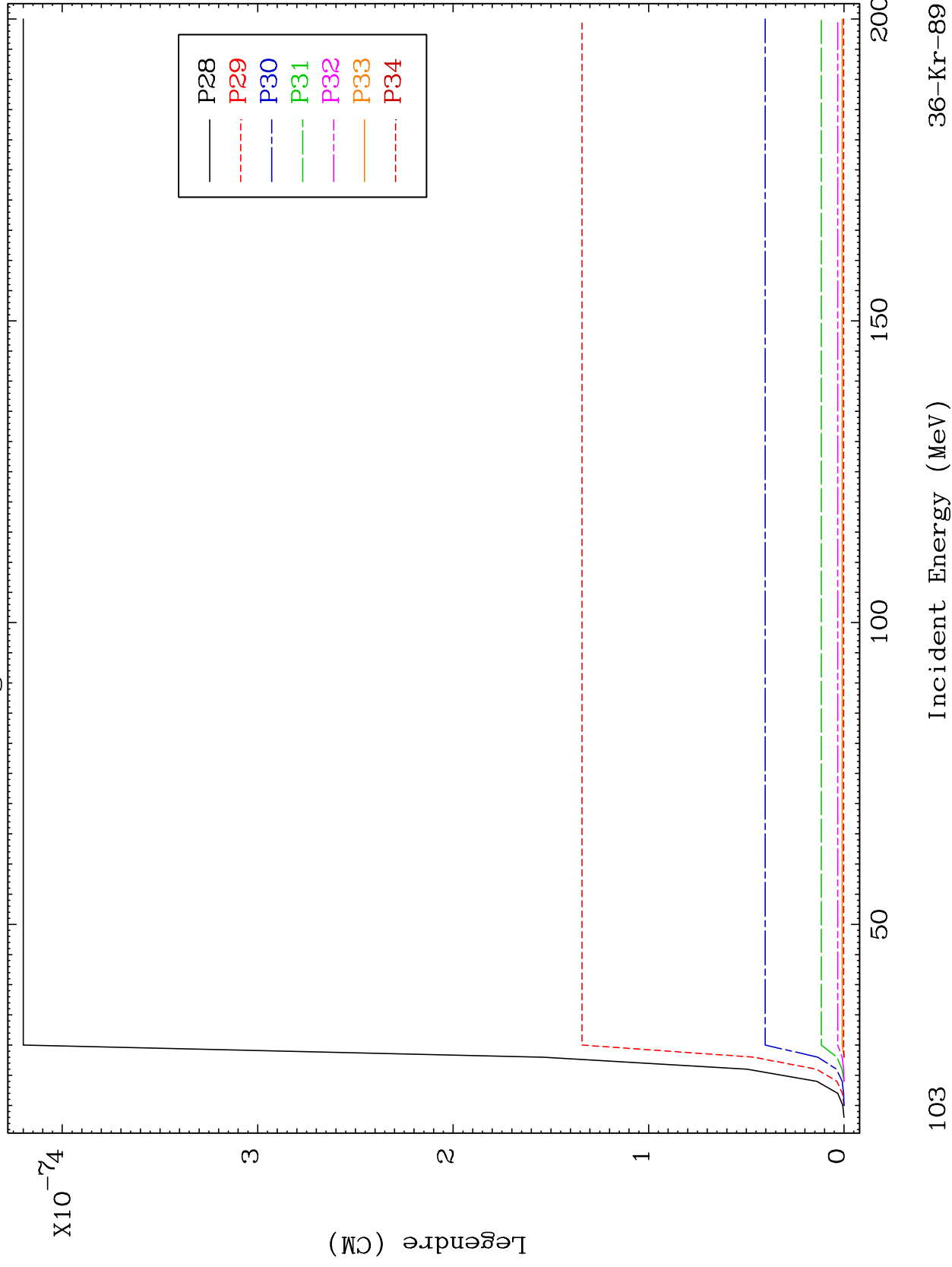
36-Kr-89



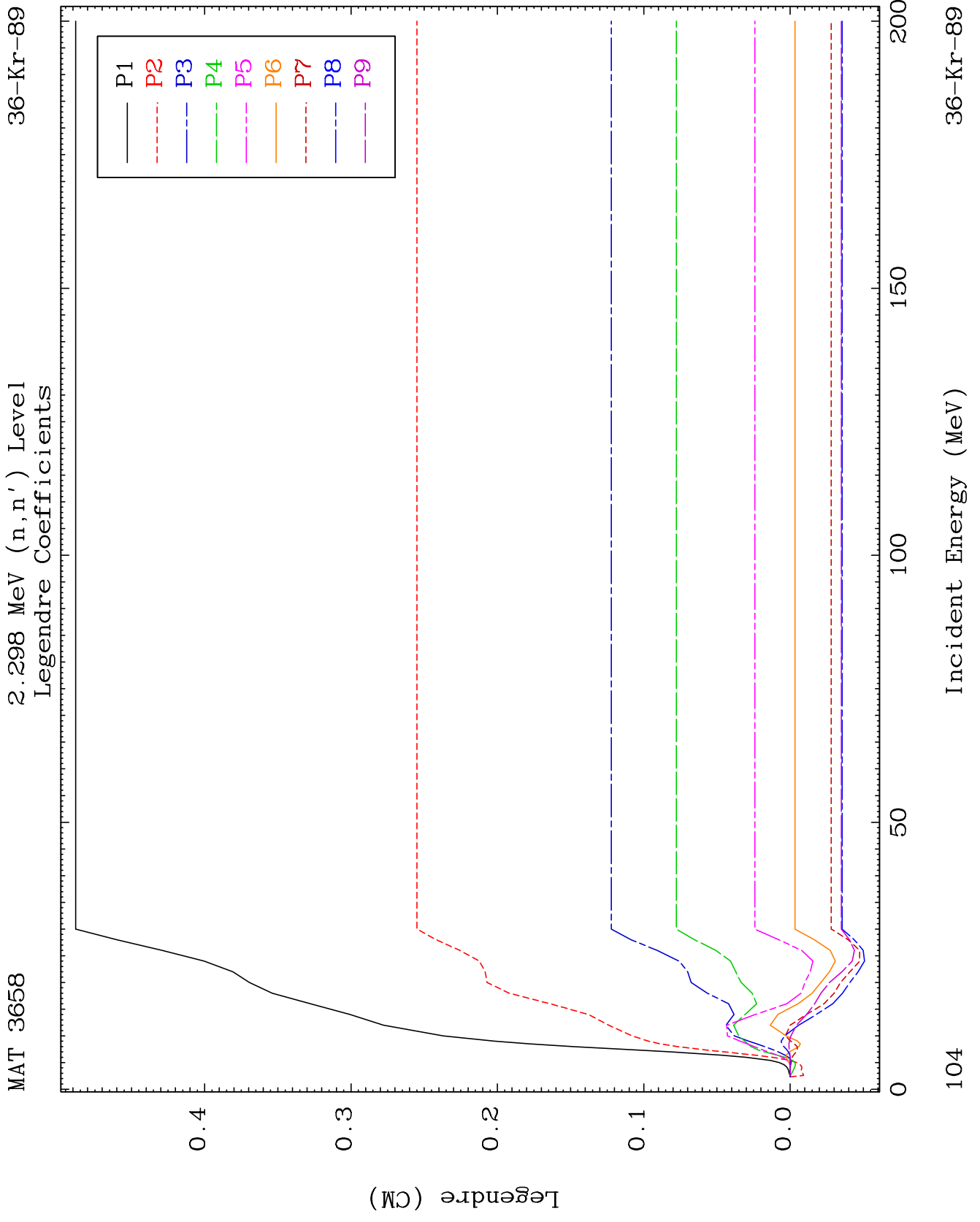
MAT 3658

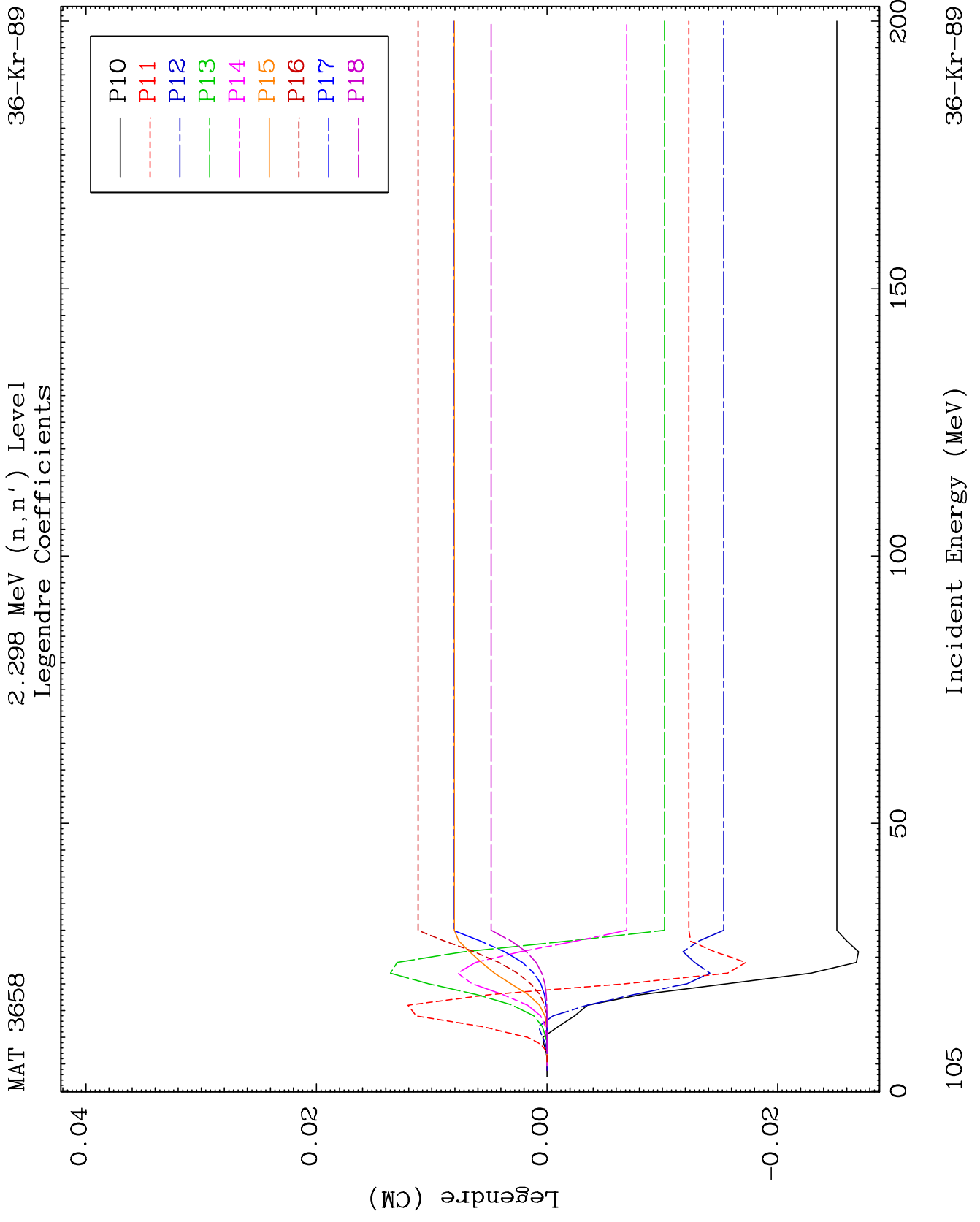
2.278 MeV (n, n') Level  
Legendre Coefficients

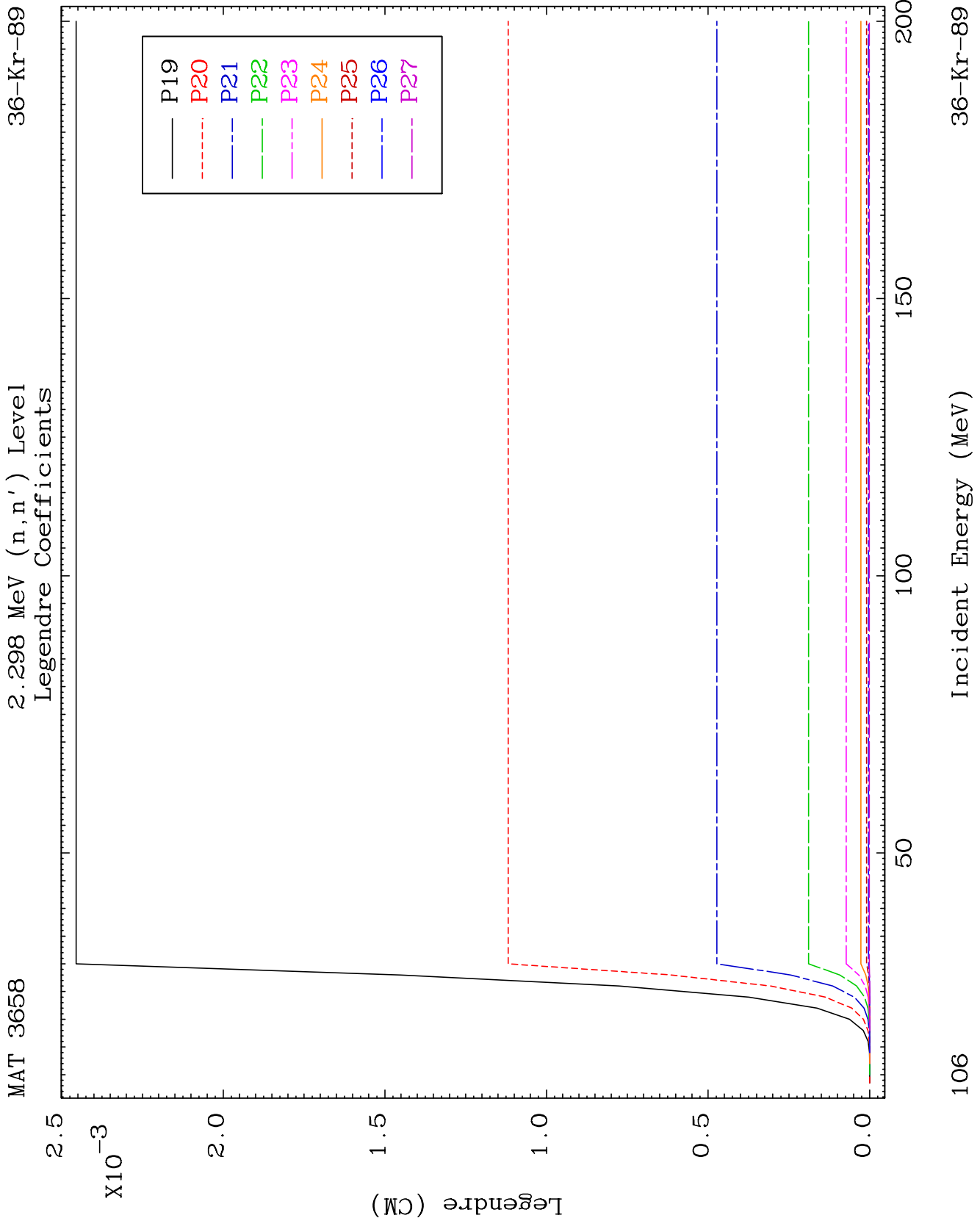
36-Kr-89







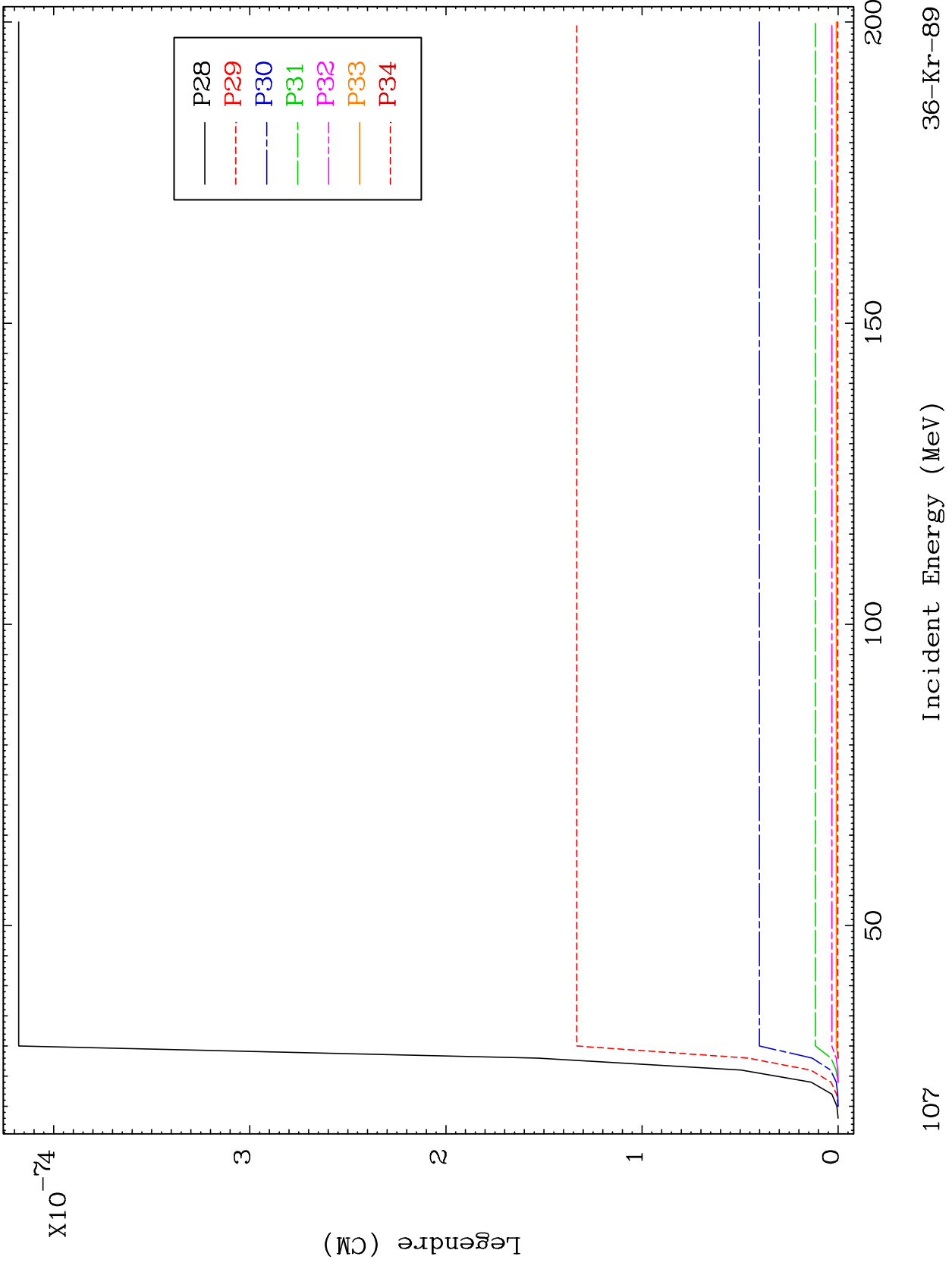




MAT 3658

2.298 MeV (n, n') Level  
Legendre Coefficients

36-Kr-89



36-Kr-89

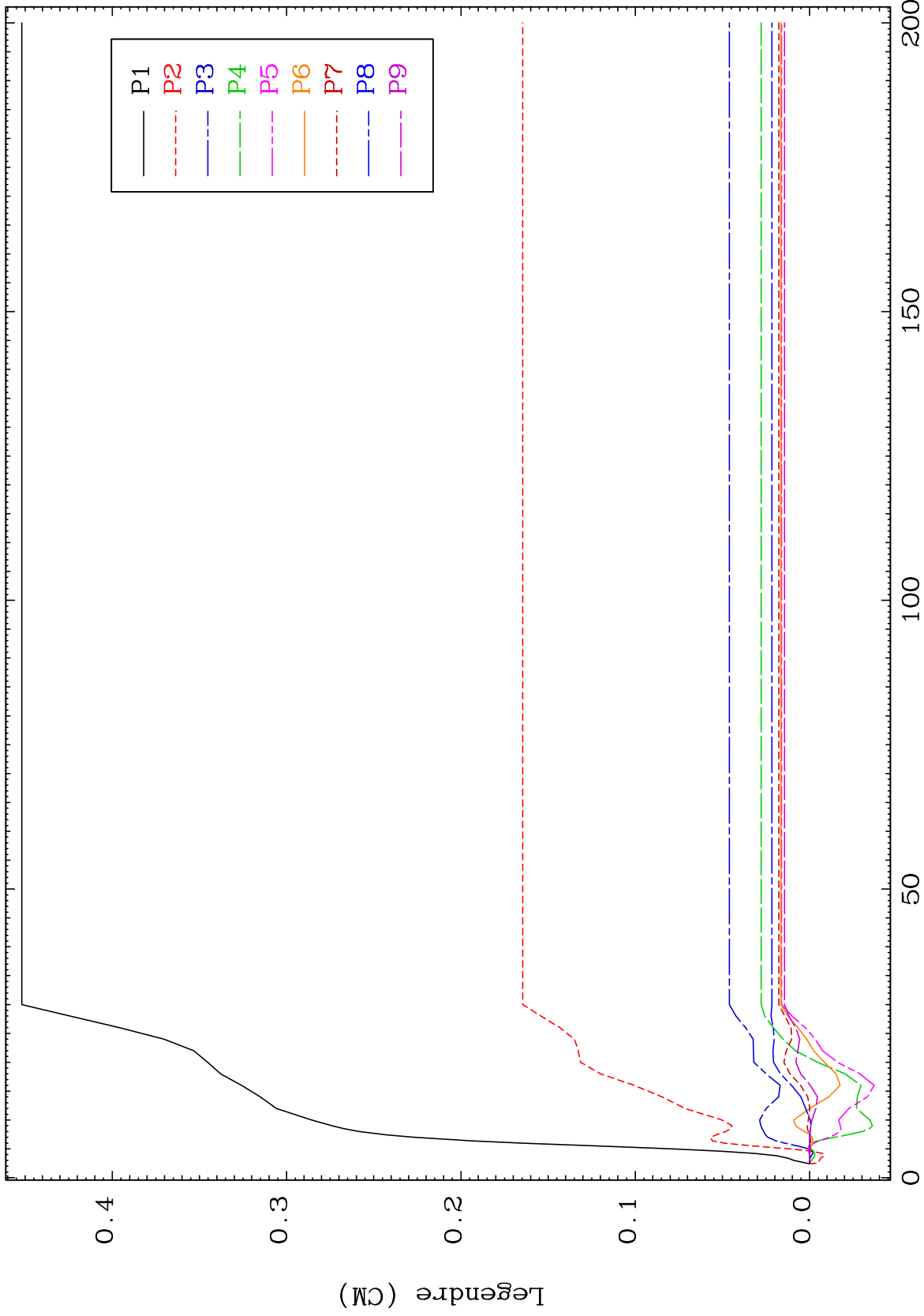
Incident Energy (MeV)

107

MAT 3658

2.374 MeV (n,n') Level  
Legendre Coefficients

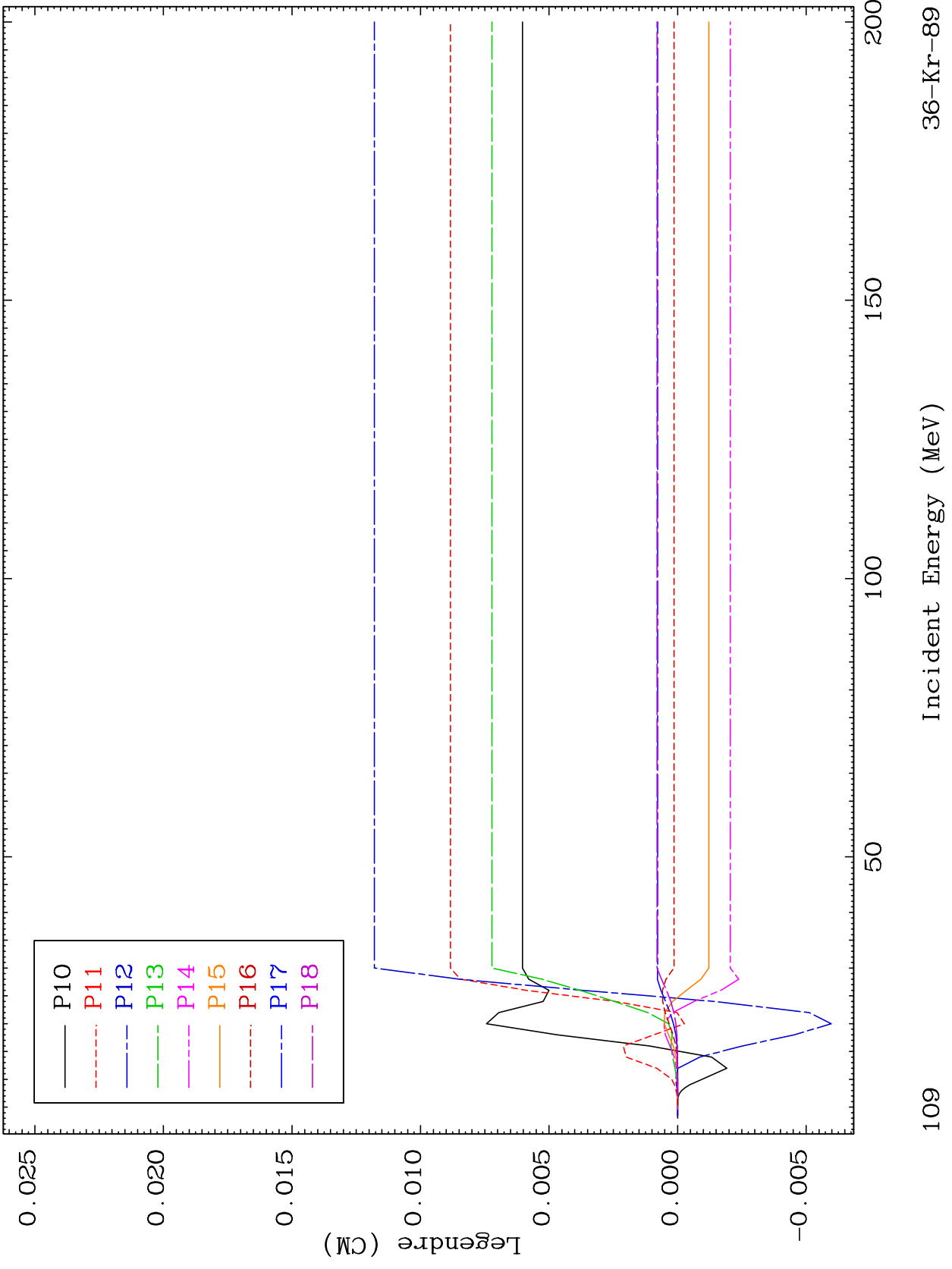
36-Kr-89



108

Incident Energy (MeV)

36-Kr-89

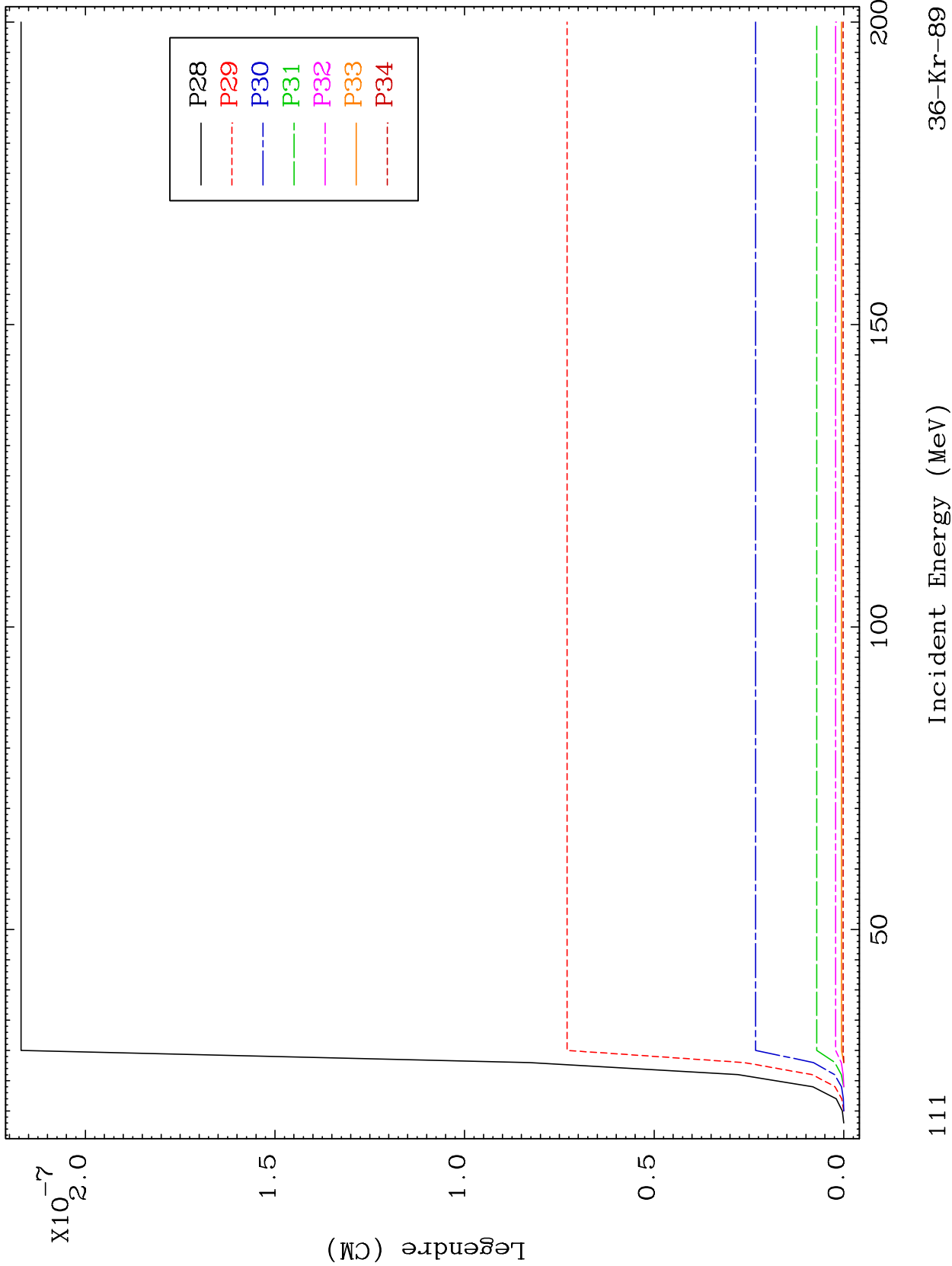




MAT 3658

2.374 MeV (n, n') Level  
Legendre Coefficients

36-Kr-89



111

Incident Energy (MeV)

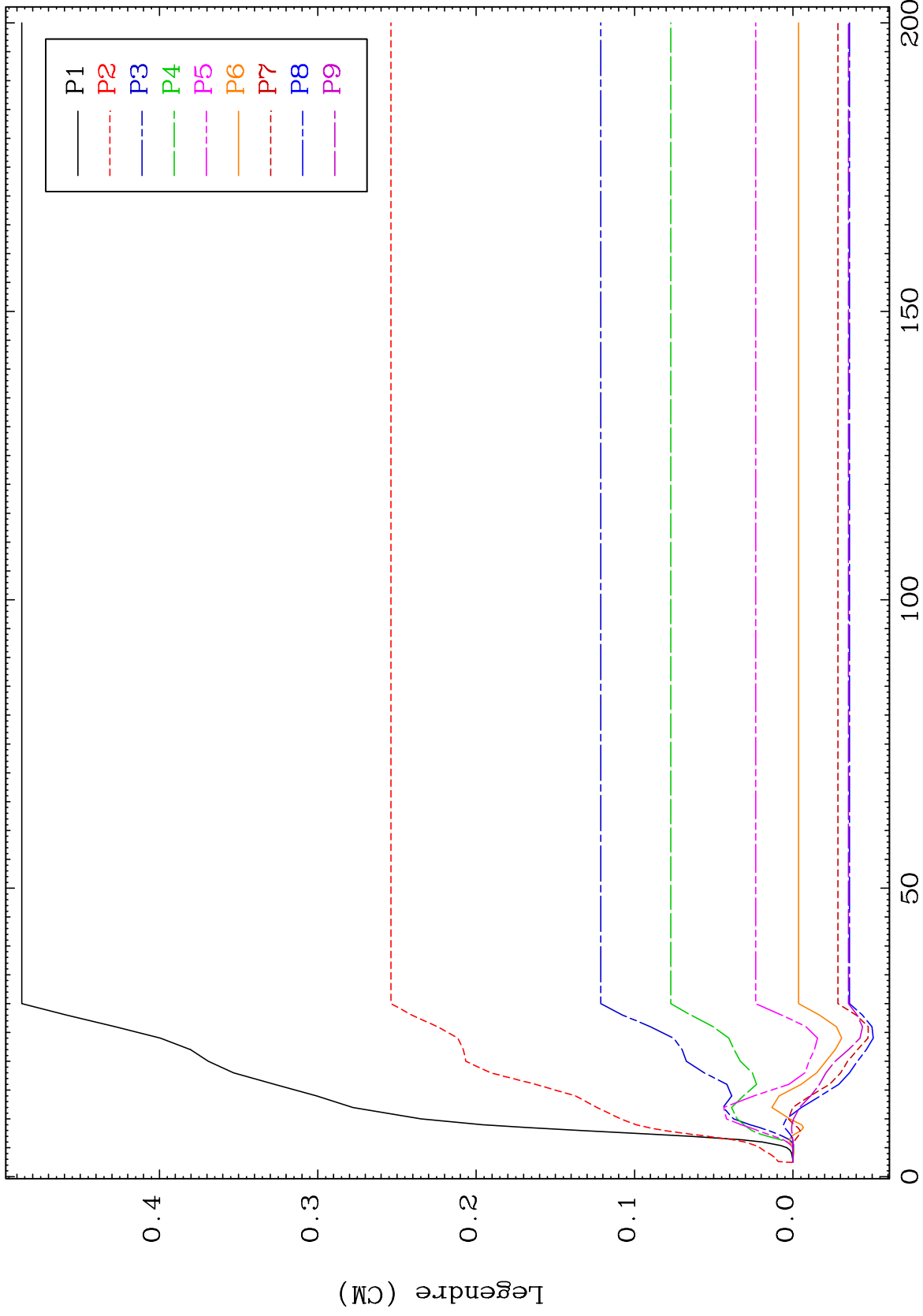
36-Kr-89



MAT 3658

2.426 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



112

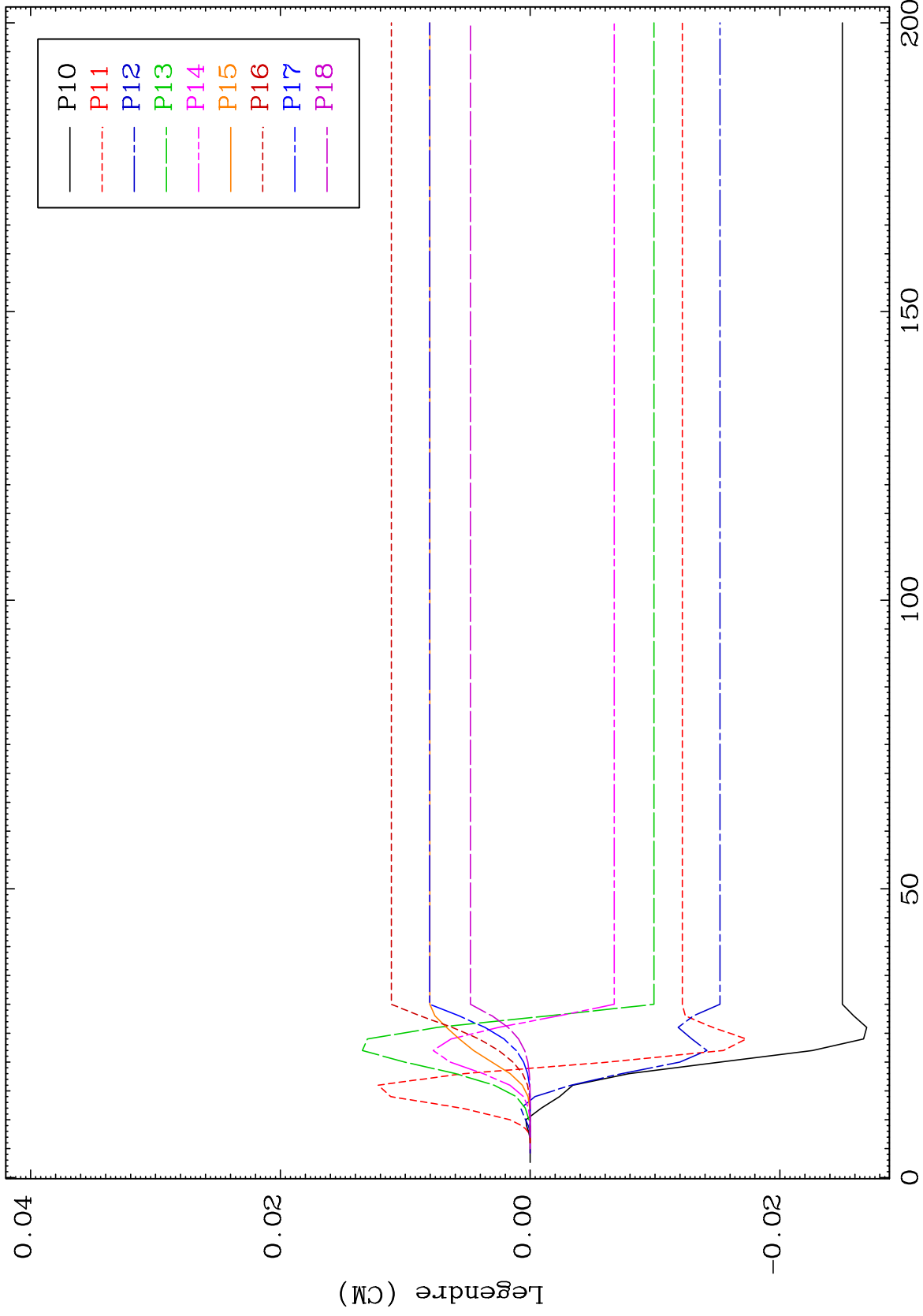
Incident Energy (MeV)

36-Kr-89

MAT 3658

2.426 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



113

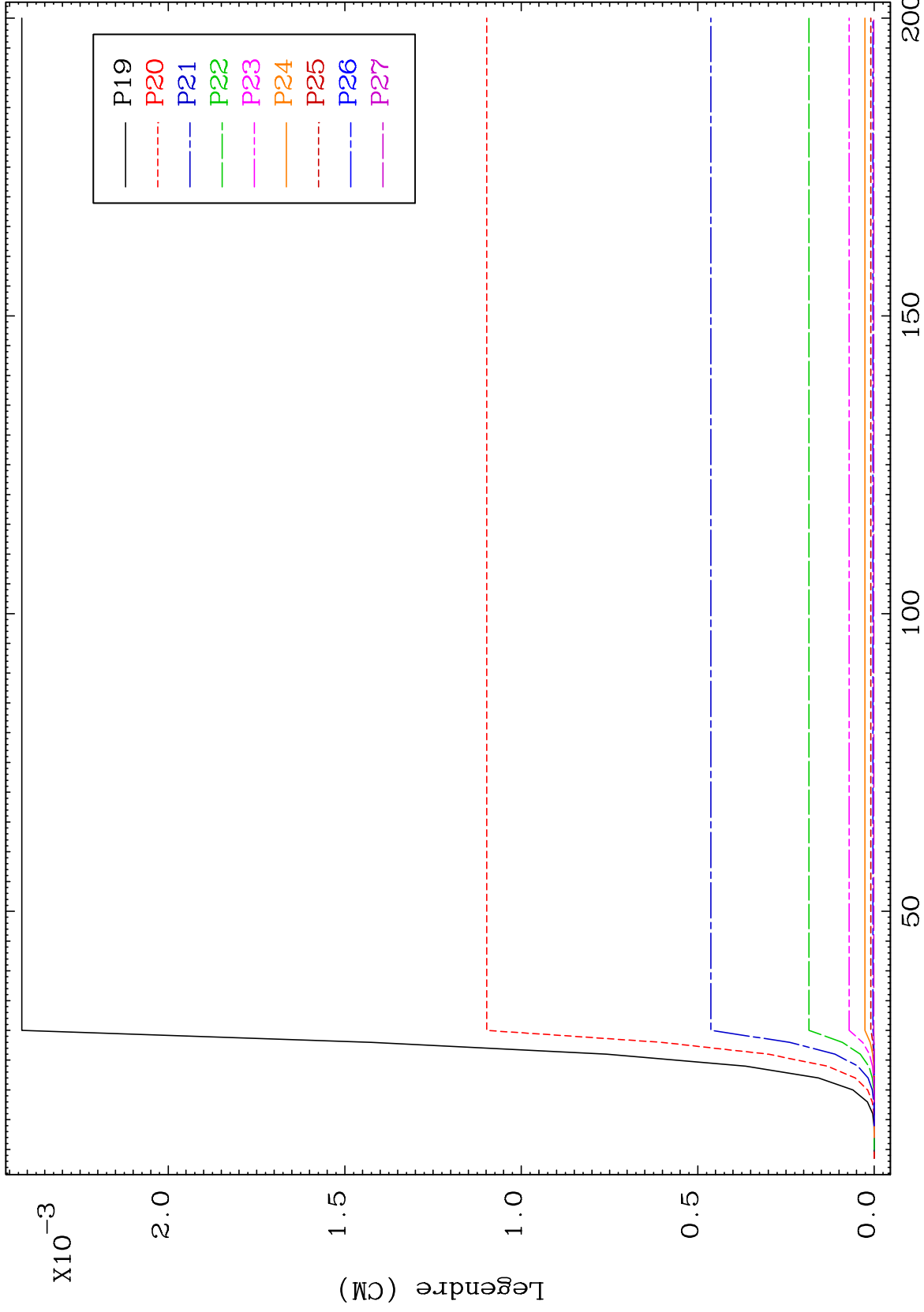
Incident Energy (MeV)

36-Kr-89

MAT 3658

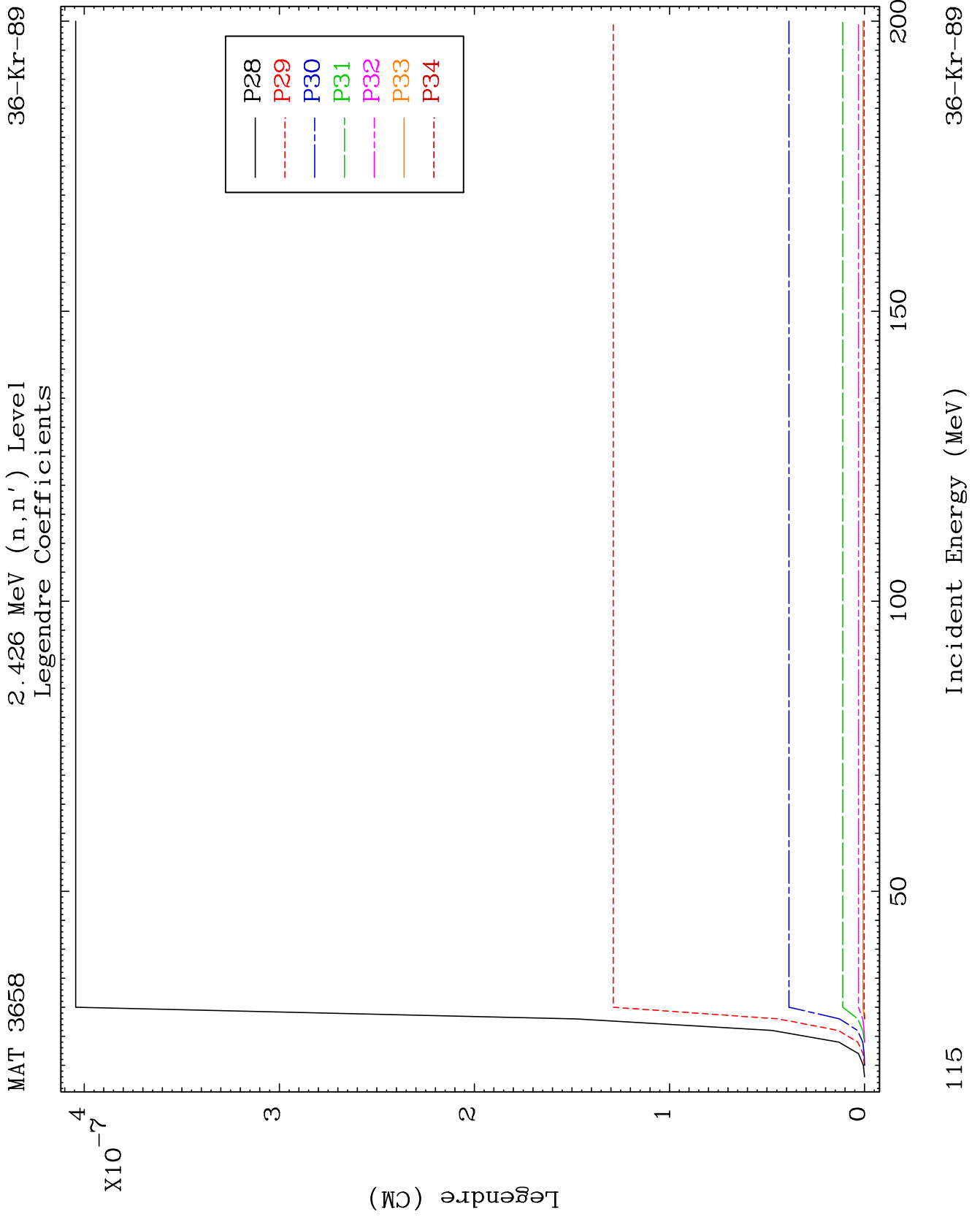
2.426 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



114

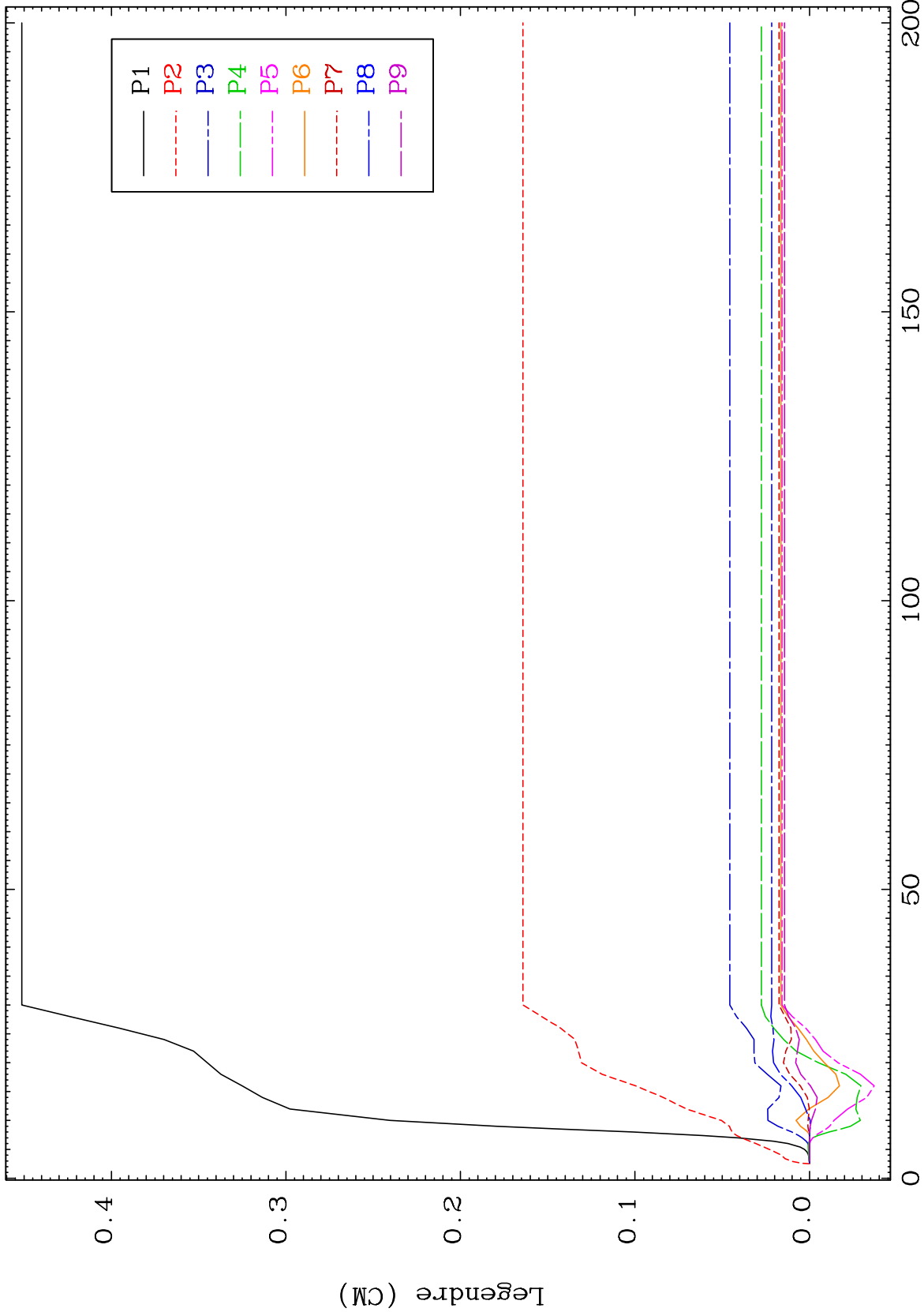
36-Kr-89



MAT 3658

2.468 MeV (n,n') Level  
Legendre Coefficients

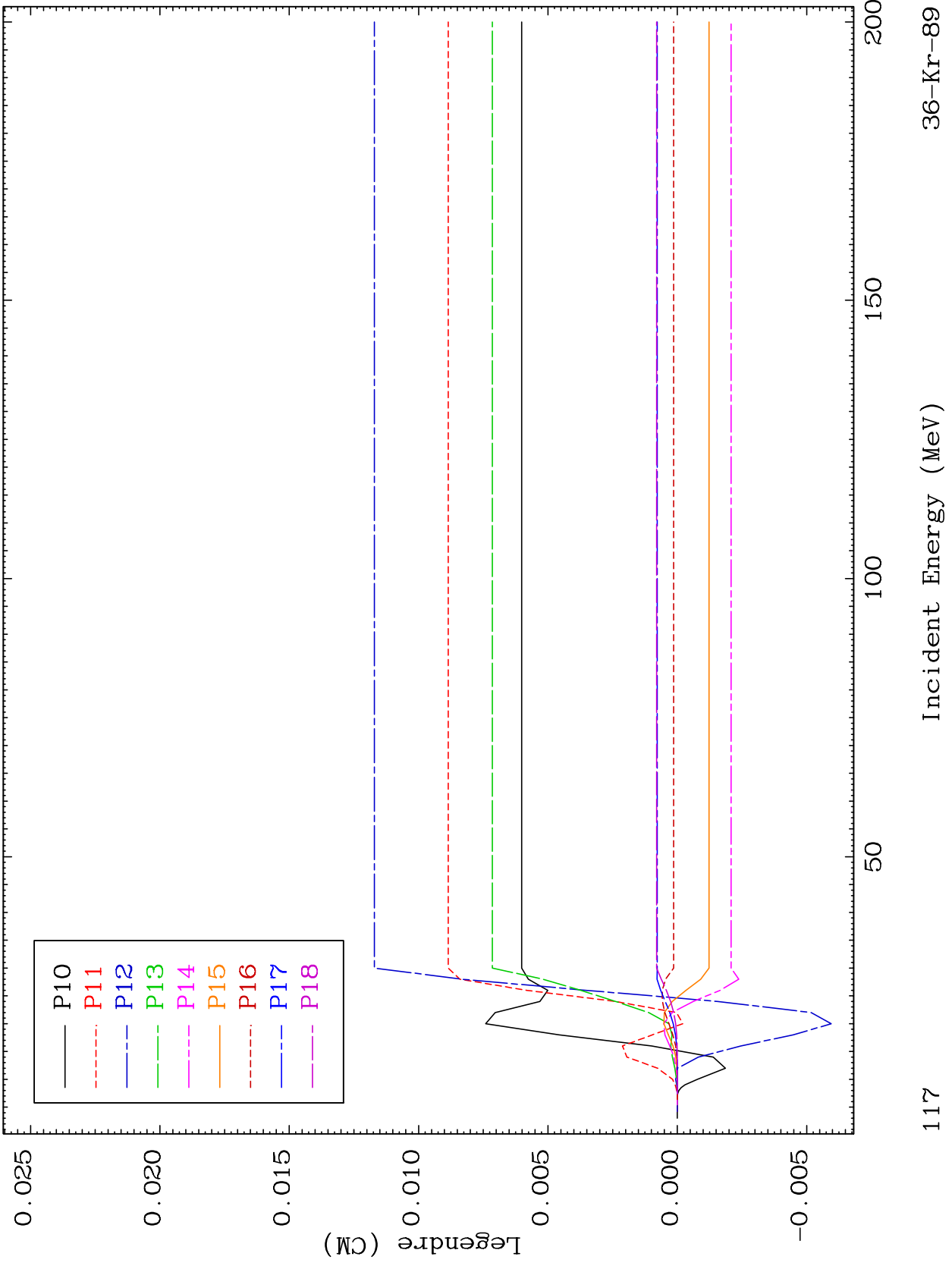
36-Kr-89



116

Incident Energy (MeV)

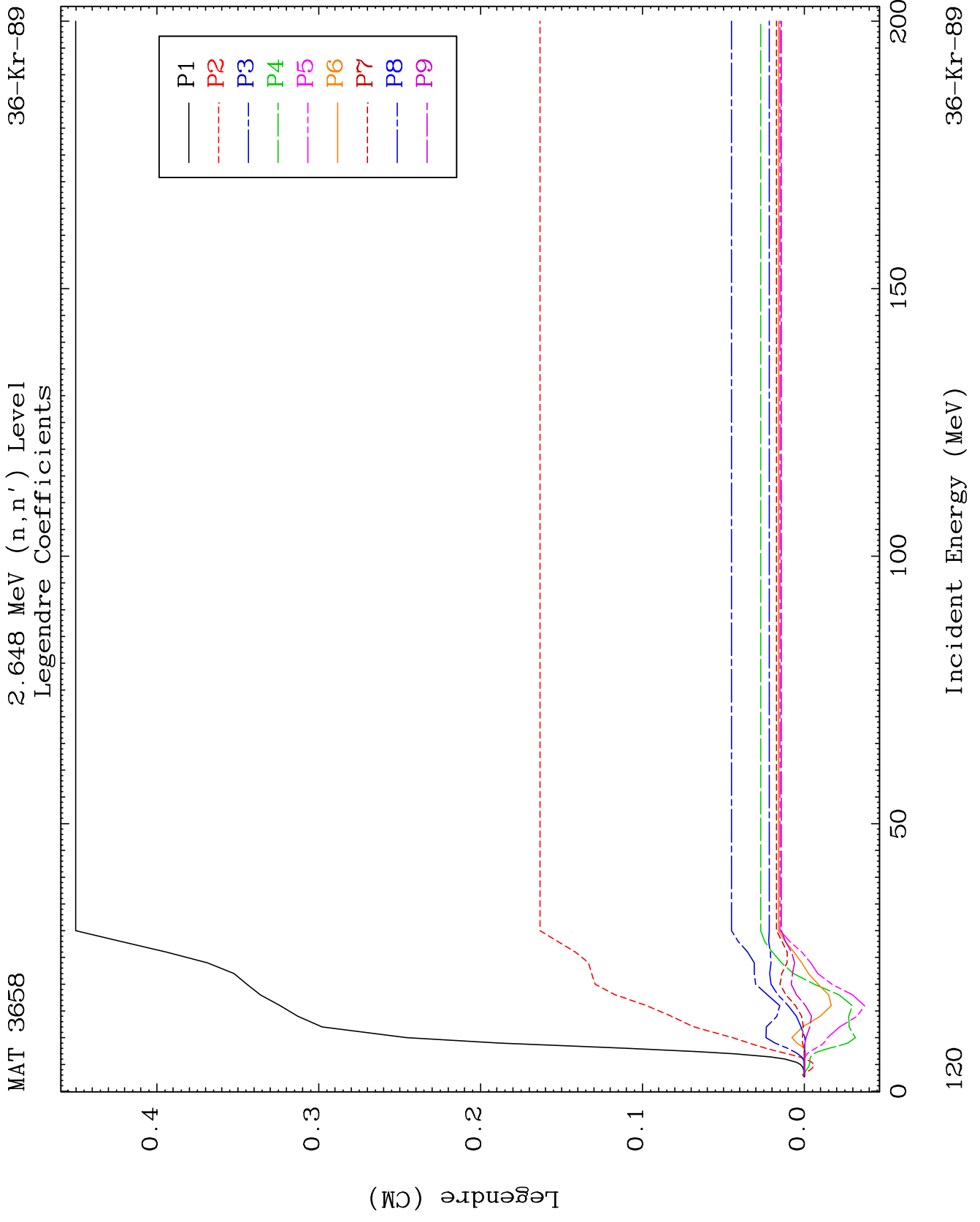
36-Kr-89







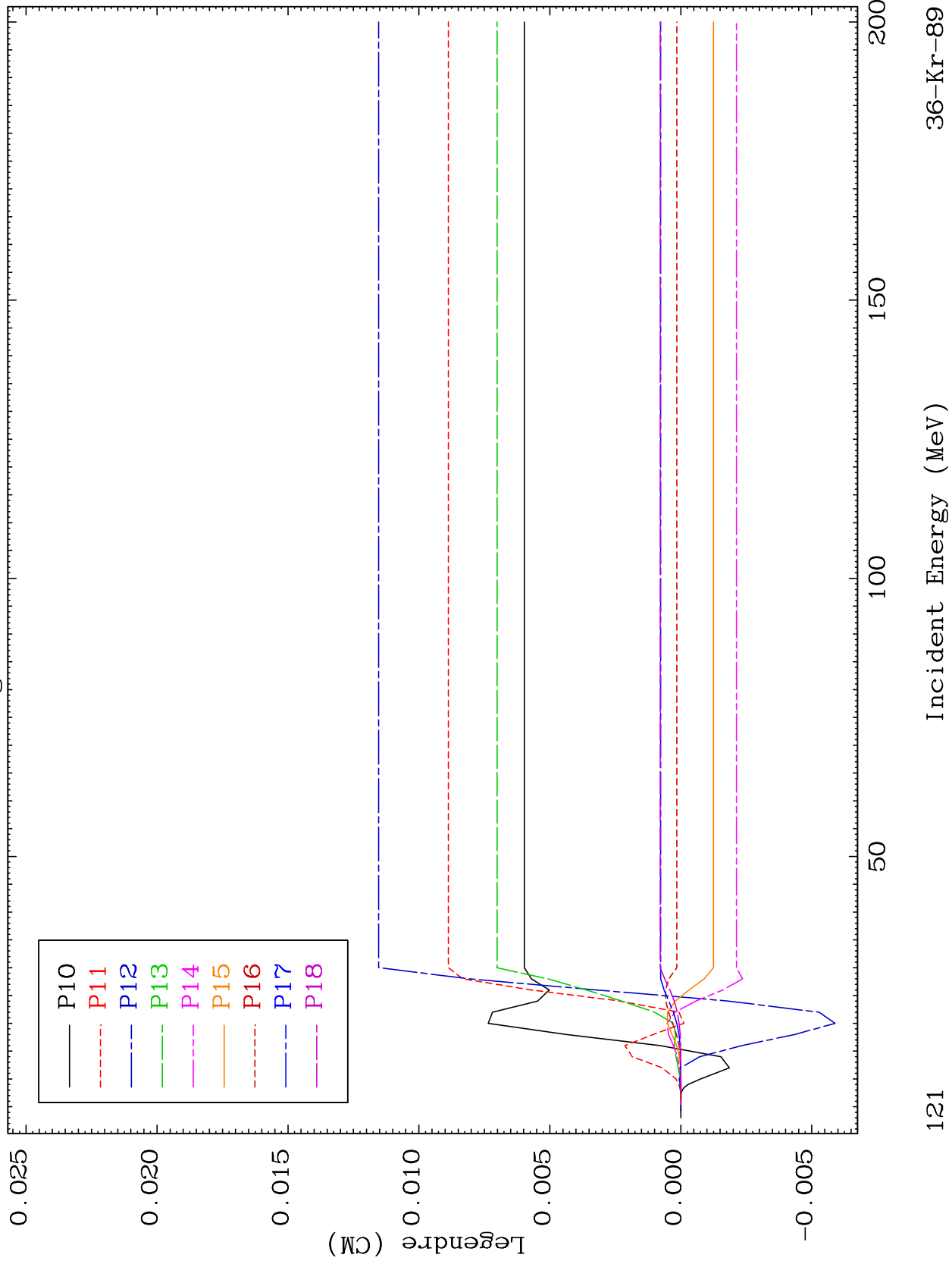




MAT 3658

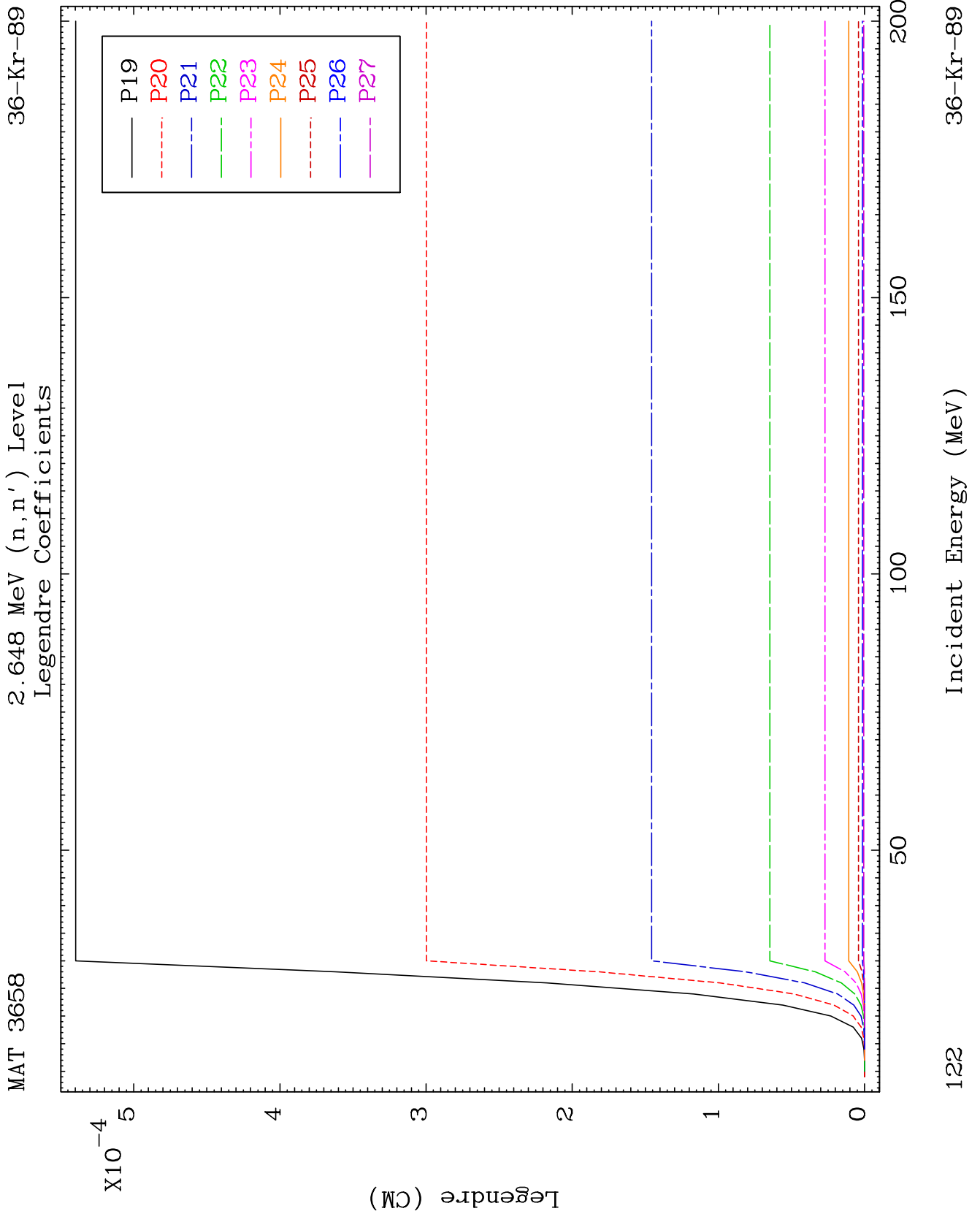
2.648 MeV (n,n') Level  
Legendre Coefficients

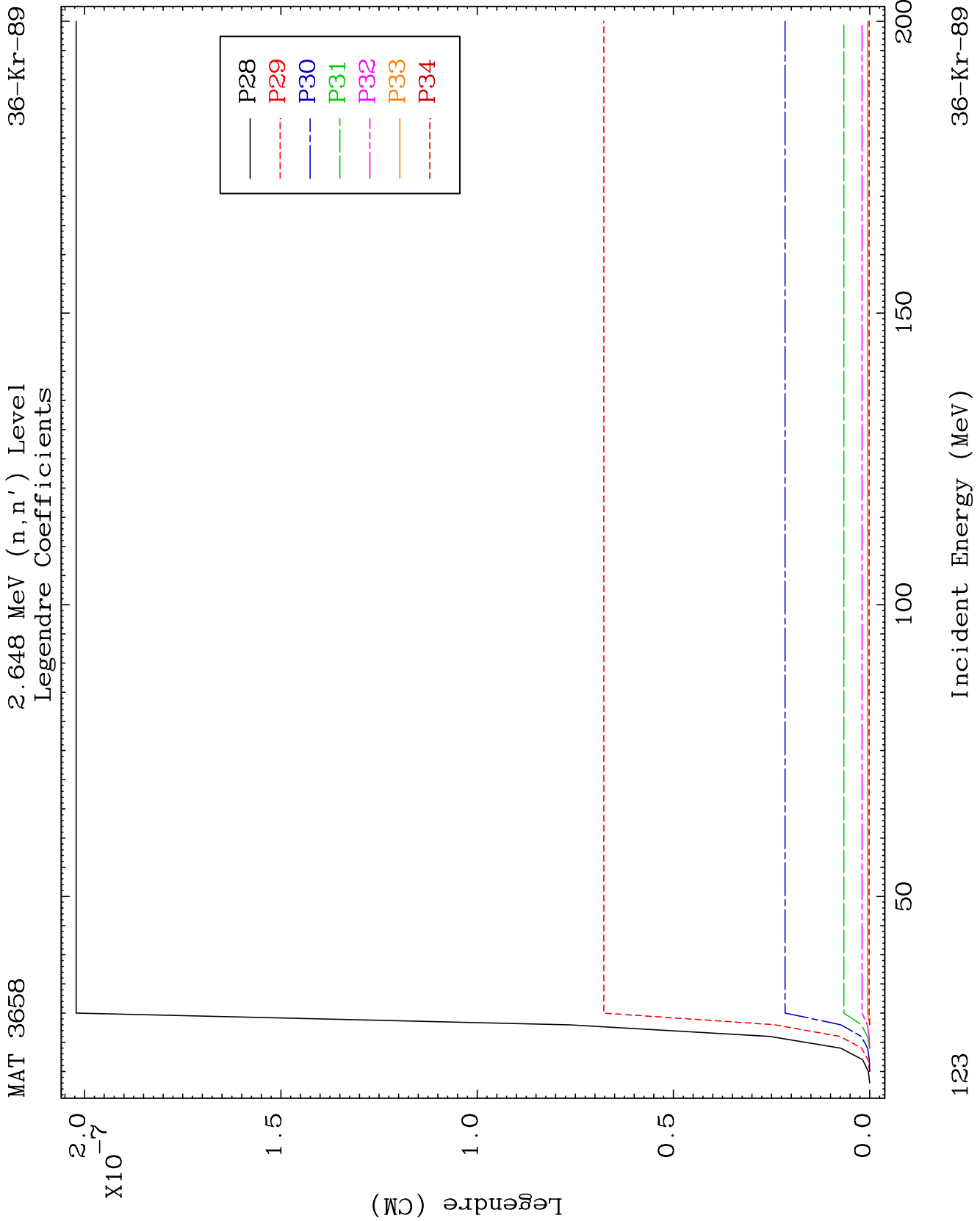
36-Kr-89



121

36-Kr-89

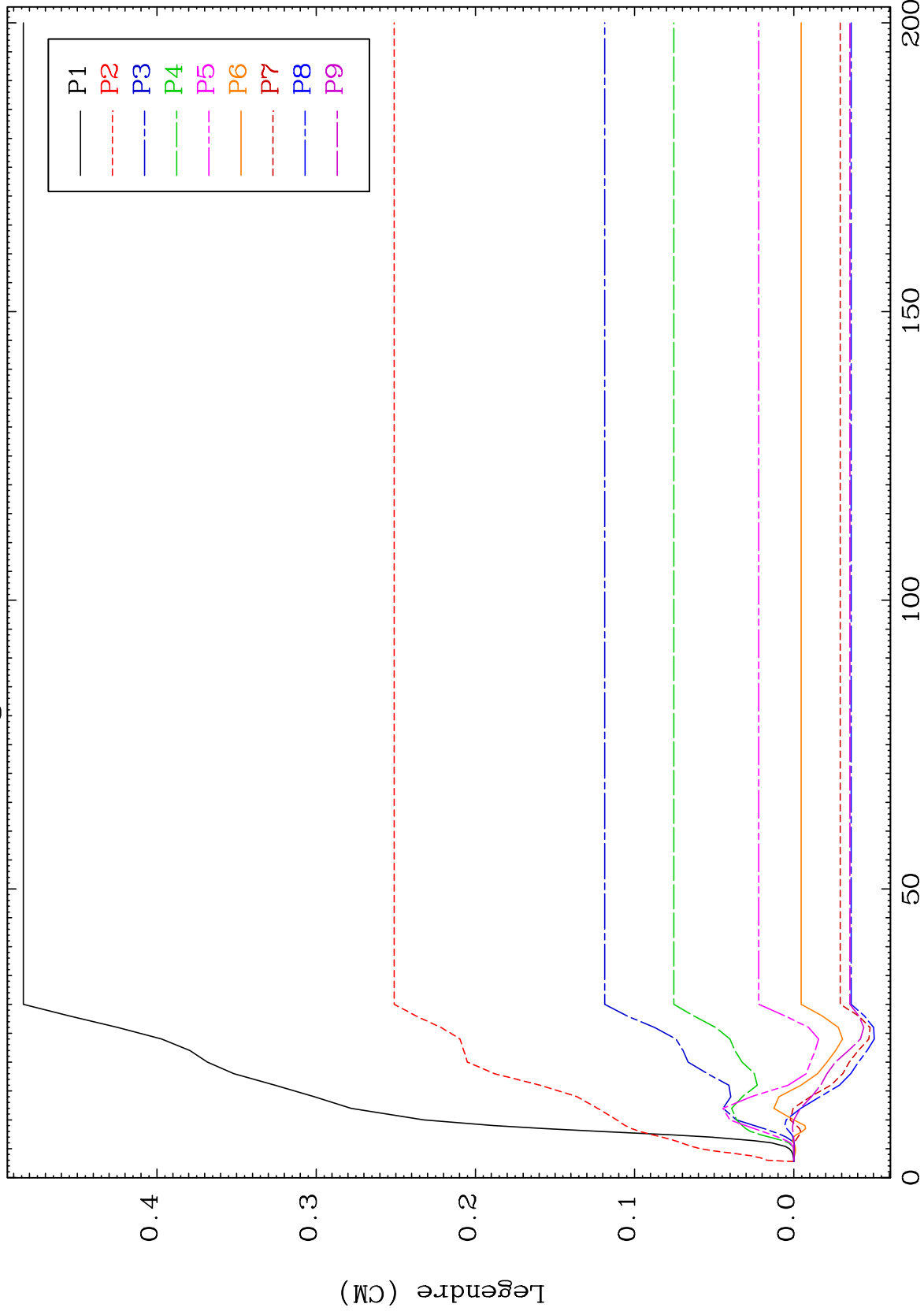




MAT 3658

2.735 MeV (n,n') Level  
Legendre Coefficients

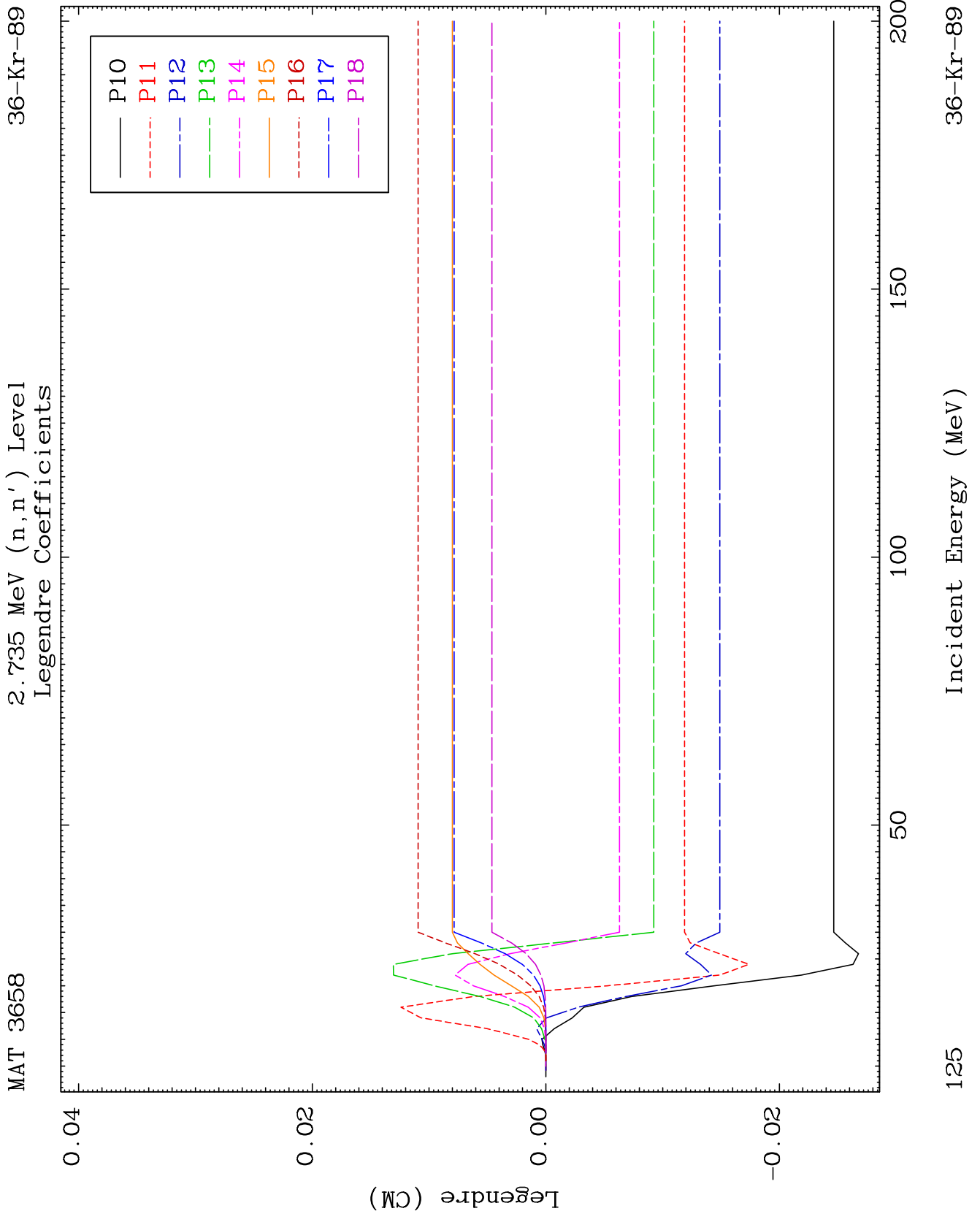
36-Kr-89



124

Incident Energy (MeV)

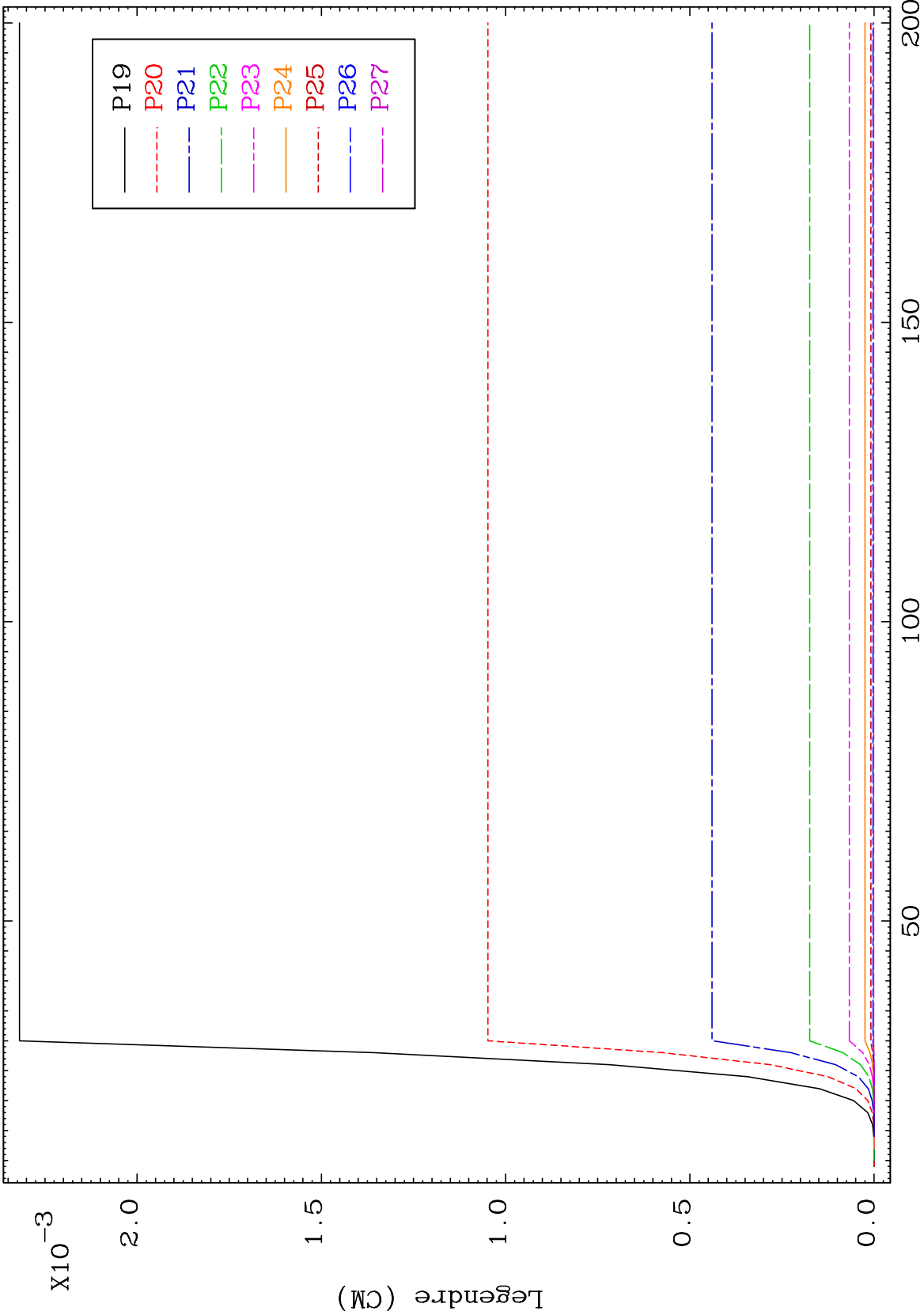
36-Kr-89



MAT 3658

2.735 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



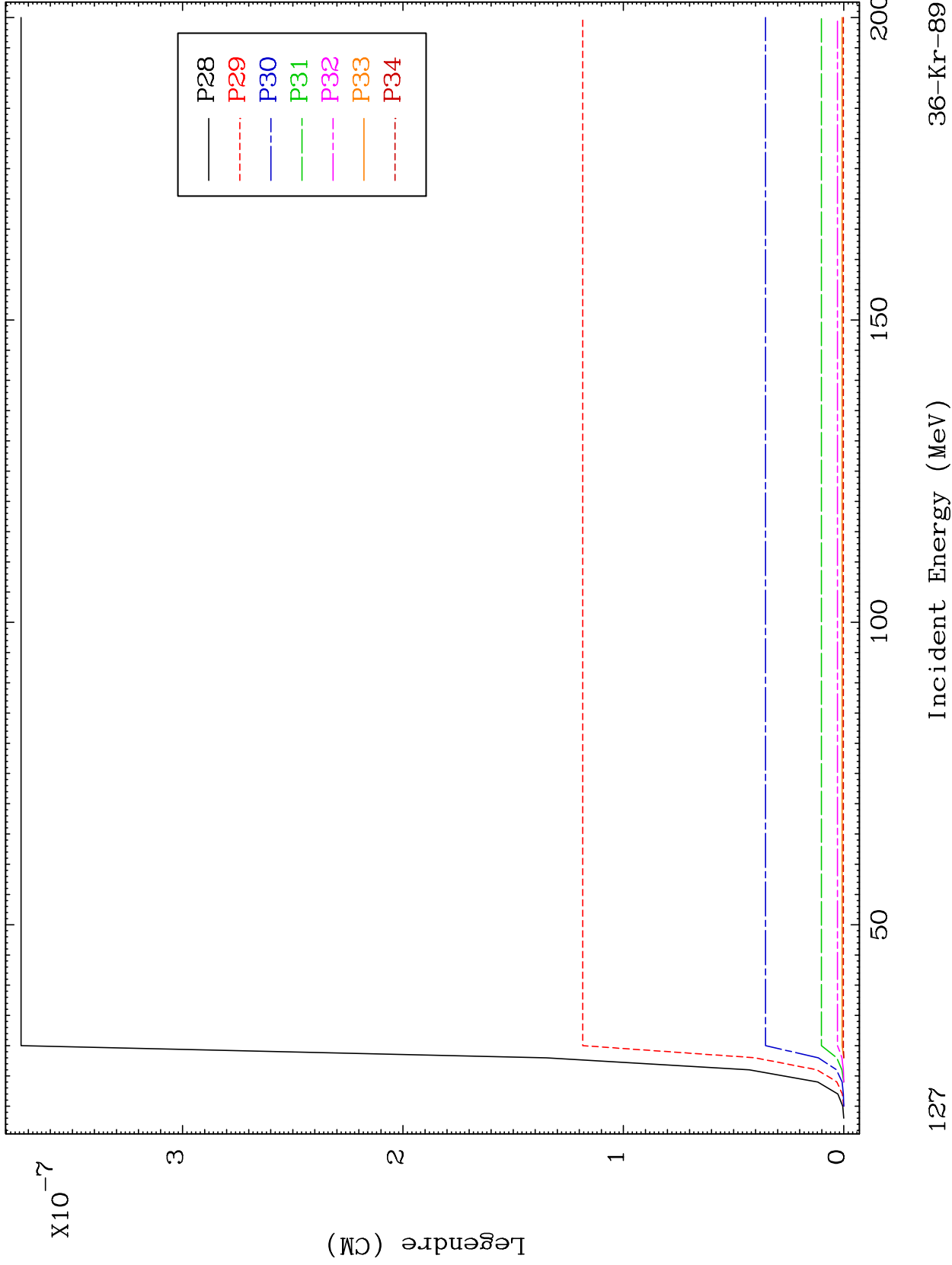
126

36-Kr-89

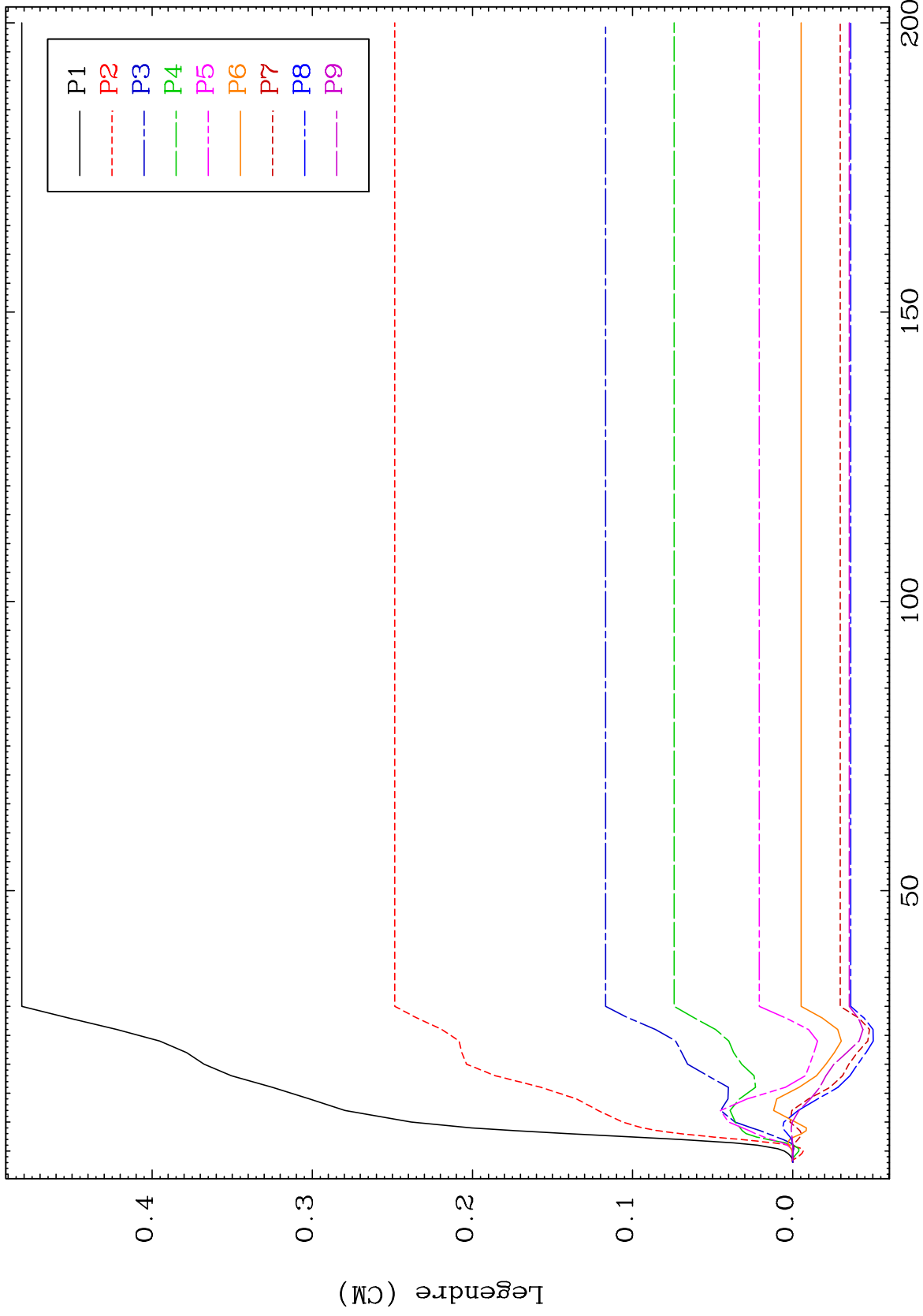
MAT 3658

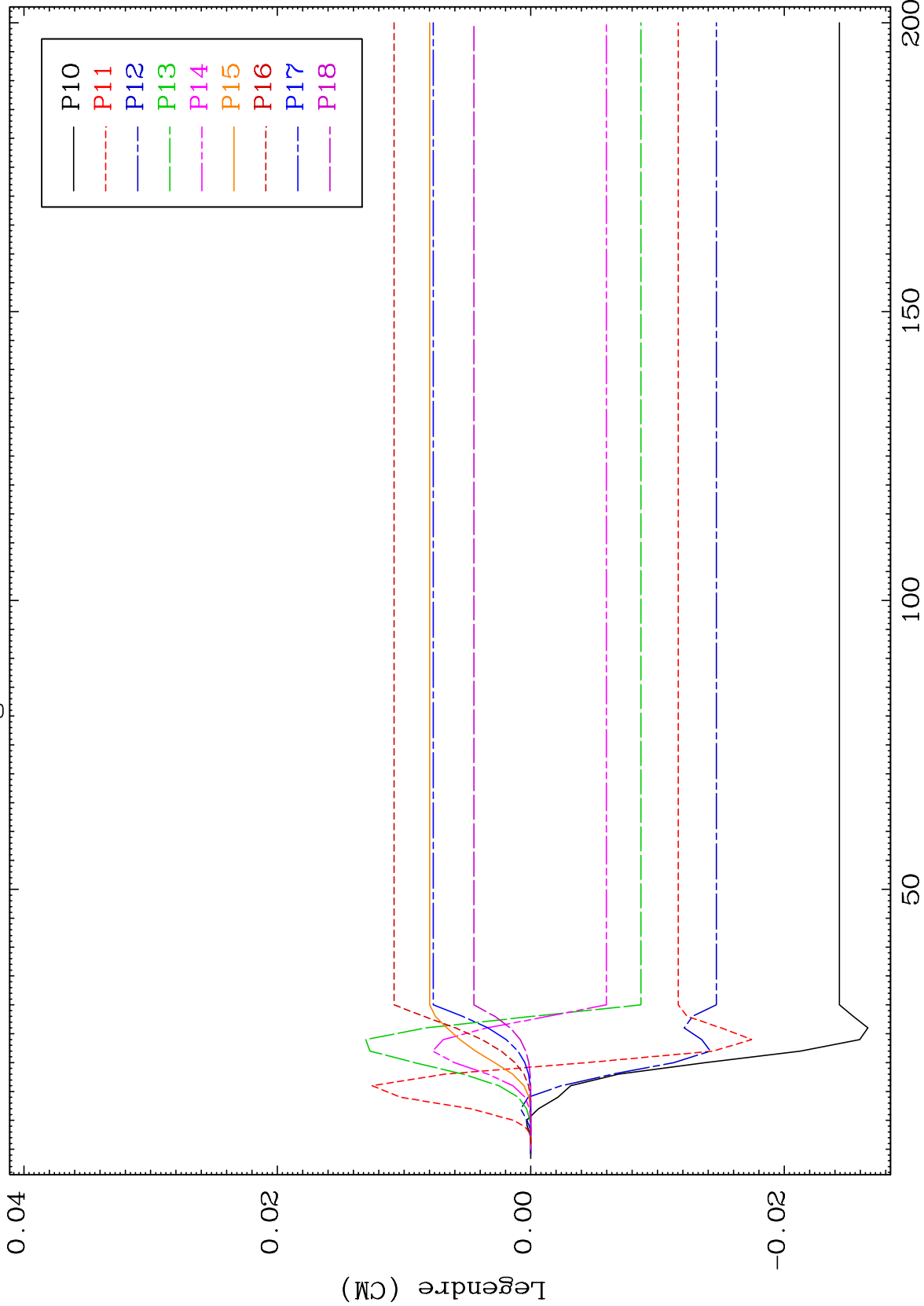
2.735 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89





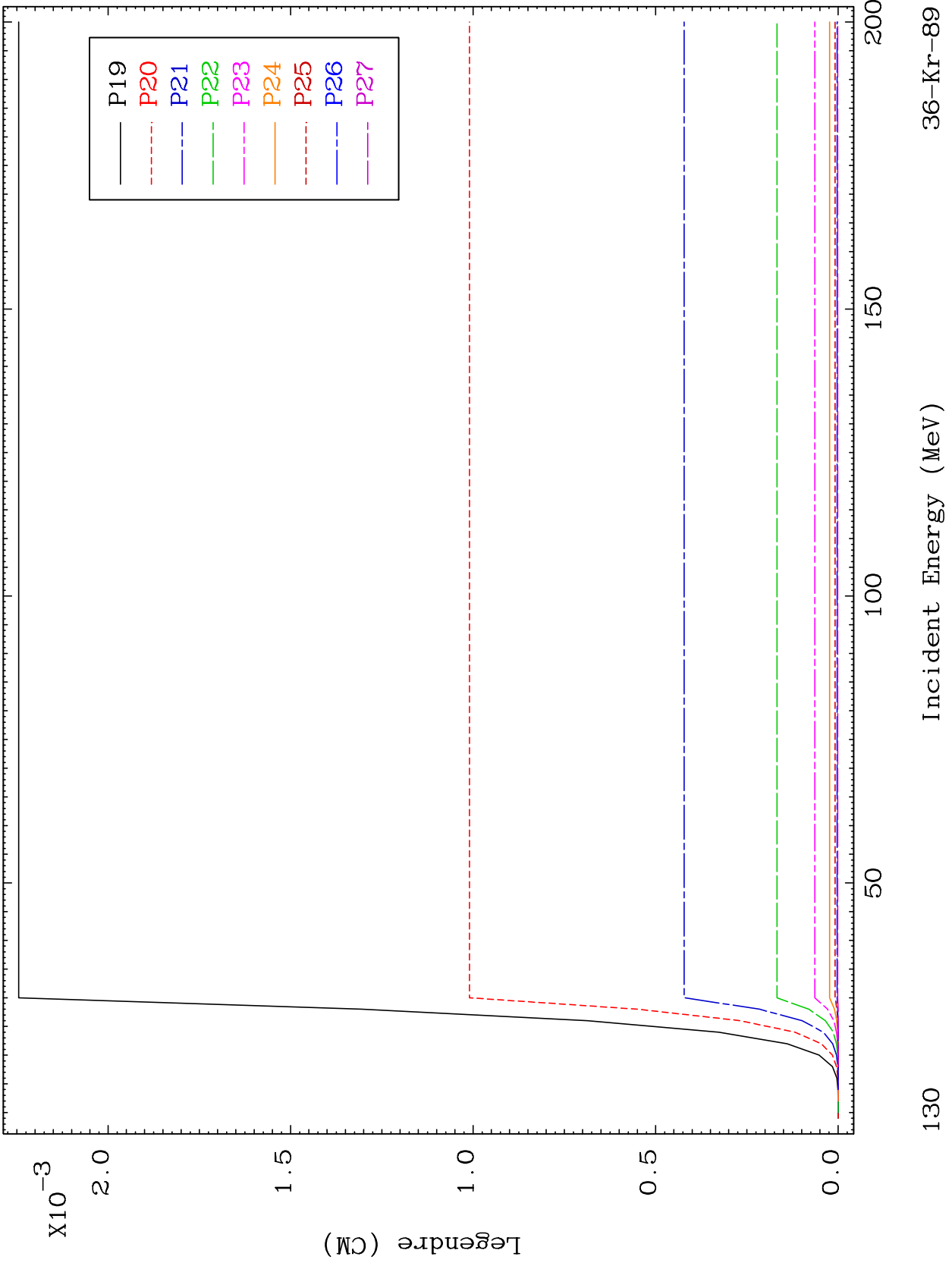




MAT 3658

2.976 MeV (n,n') Level  
Legendre Coefficients

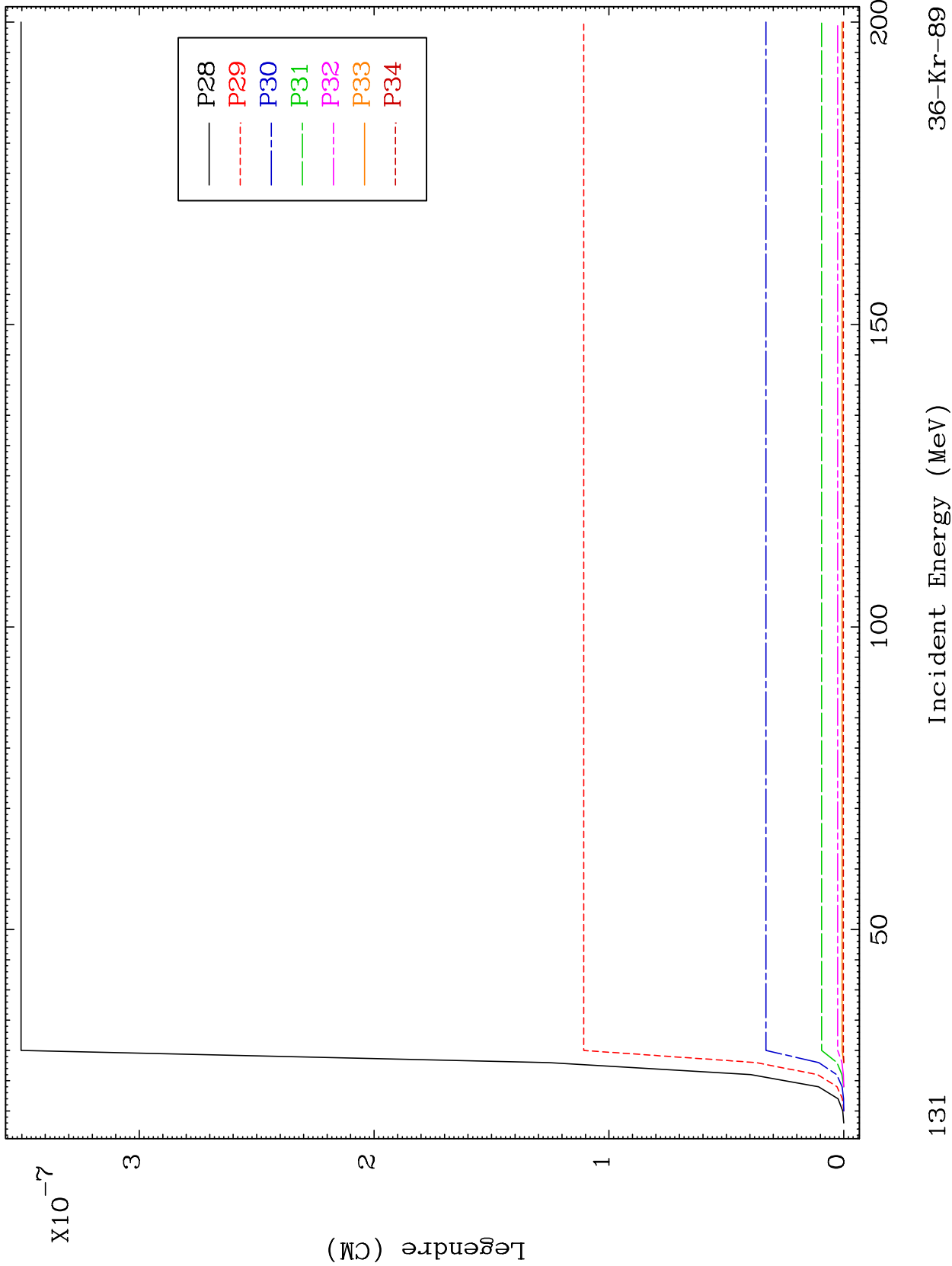
36-Kr-89



MAT 3658

2.976 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



131

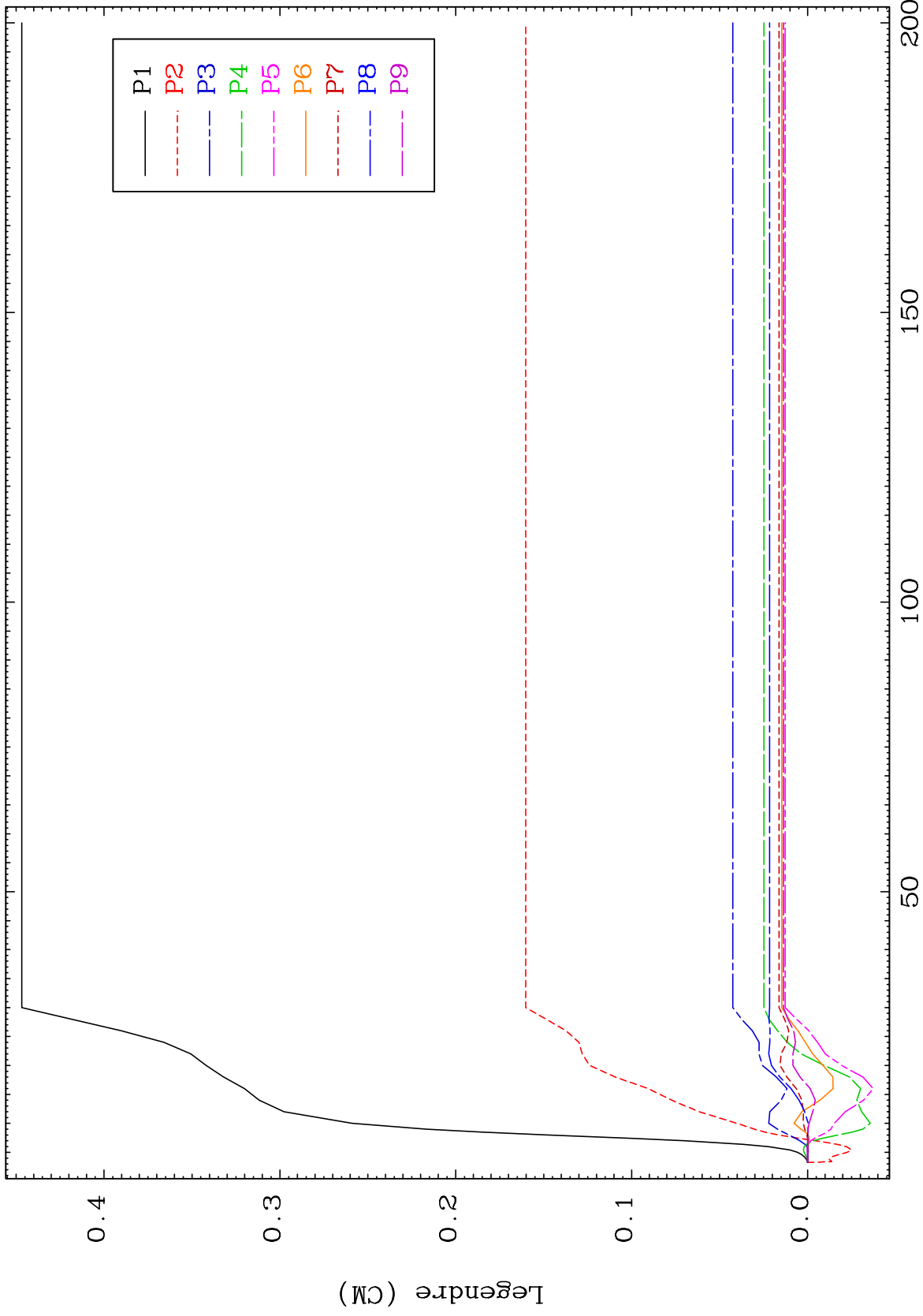
Incident Energy (MeV)

36-Kr-89

MAT 3658

3.215 MeV (n,n') Level  
Legendre Coefficients

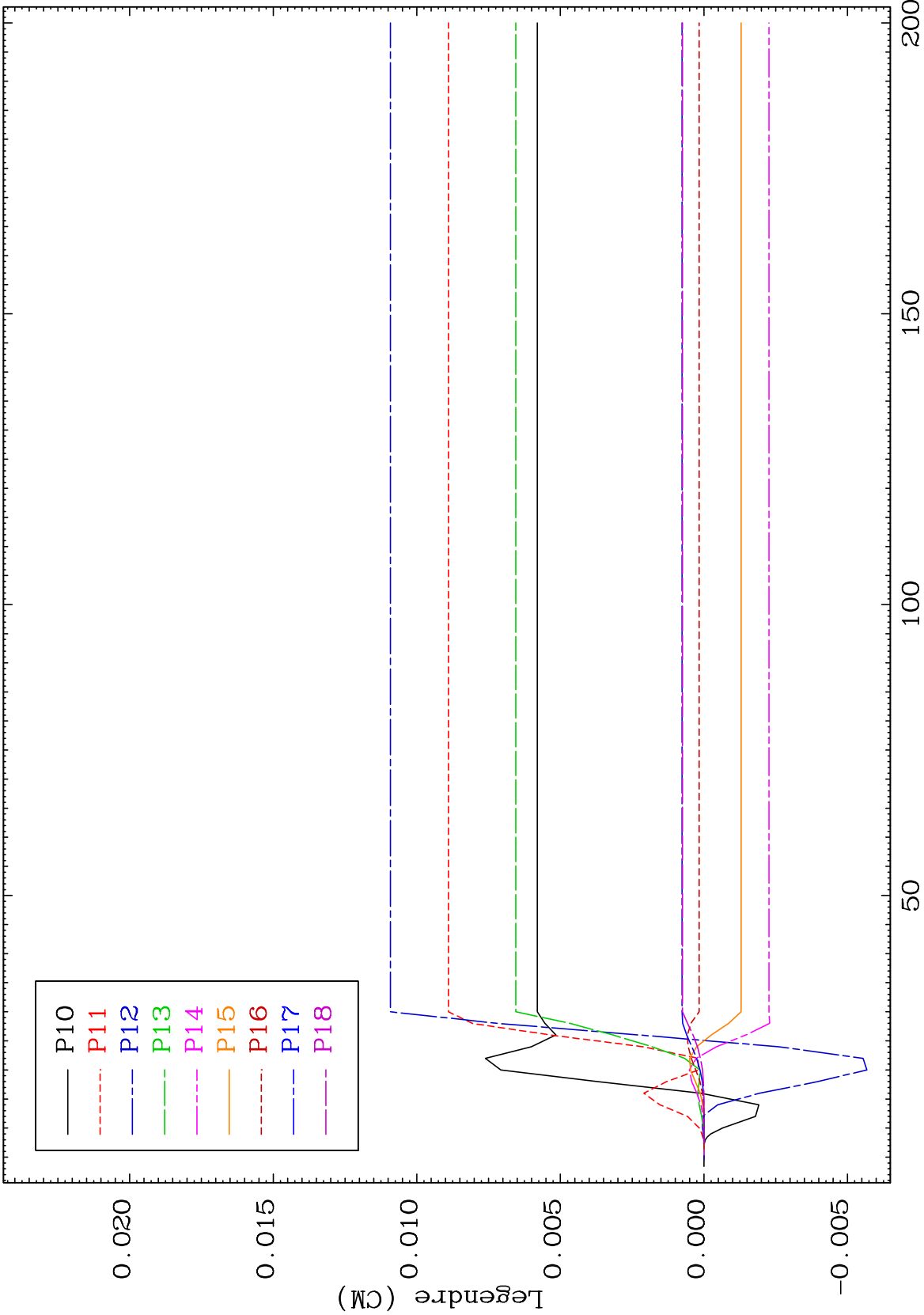
36-Kr-89

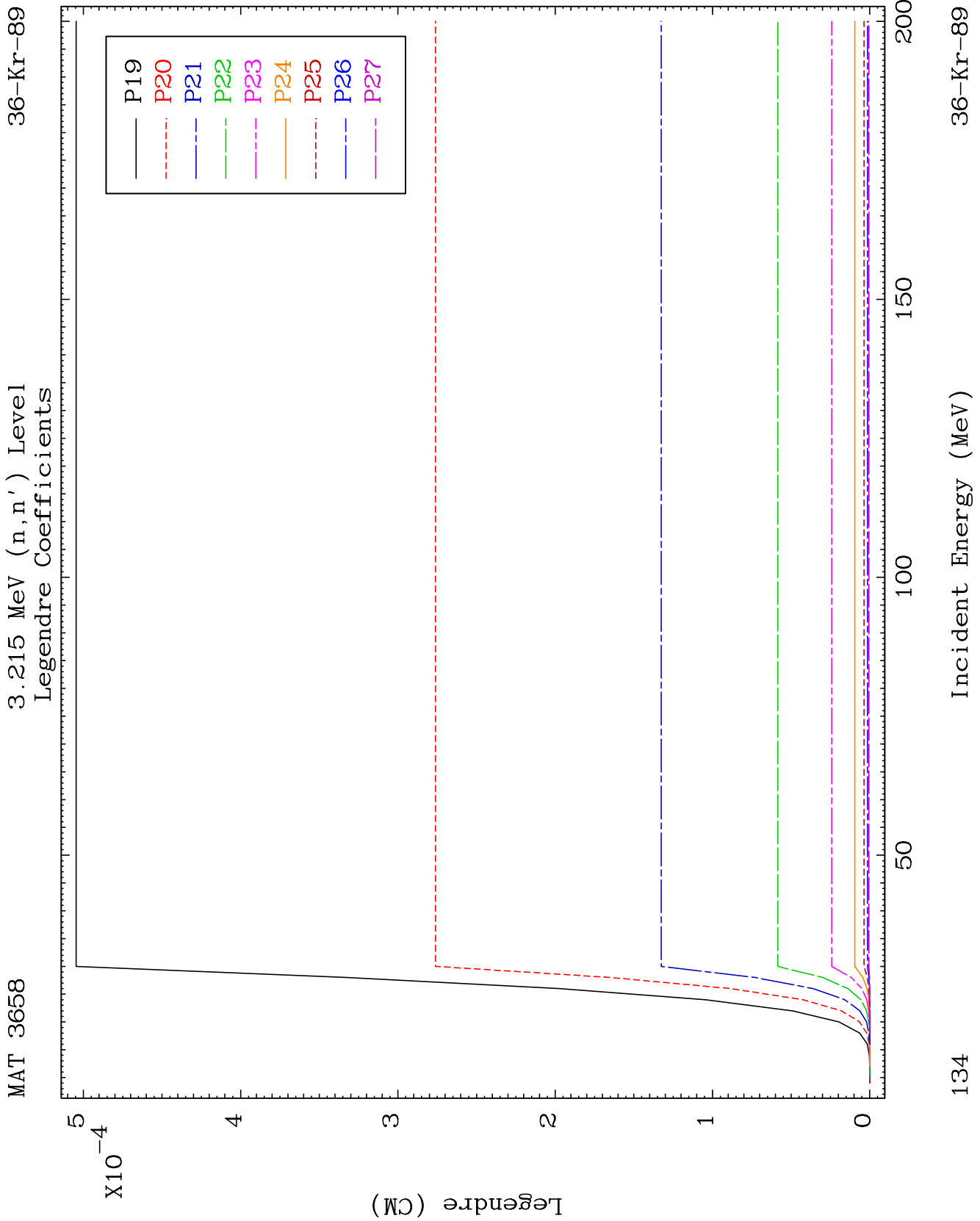


132

Incident Energy (MeV)

36-Kr-89

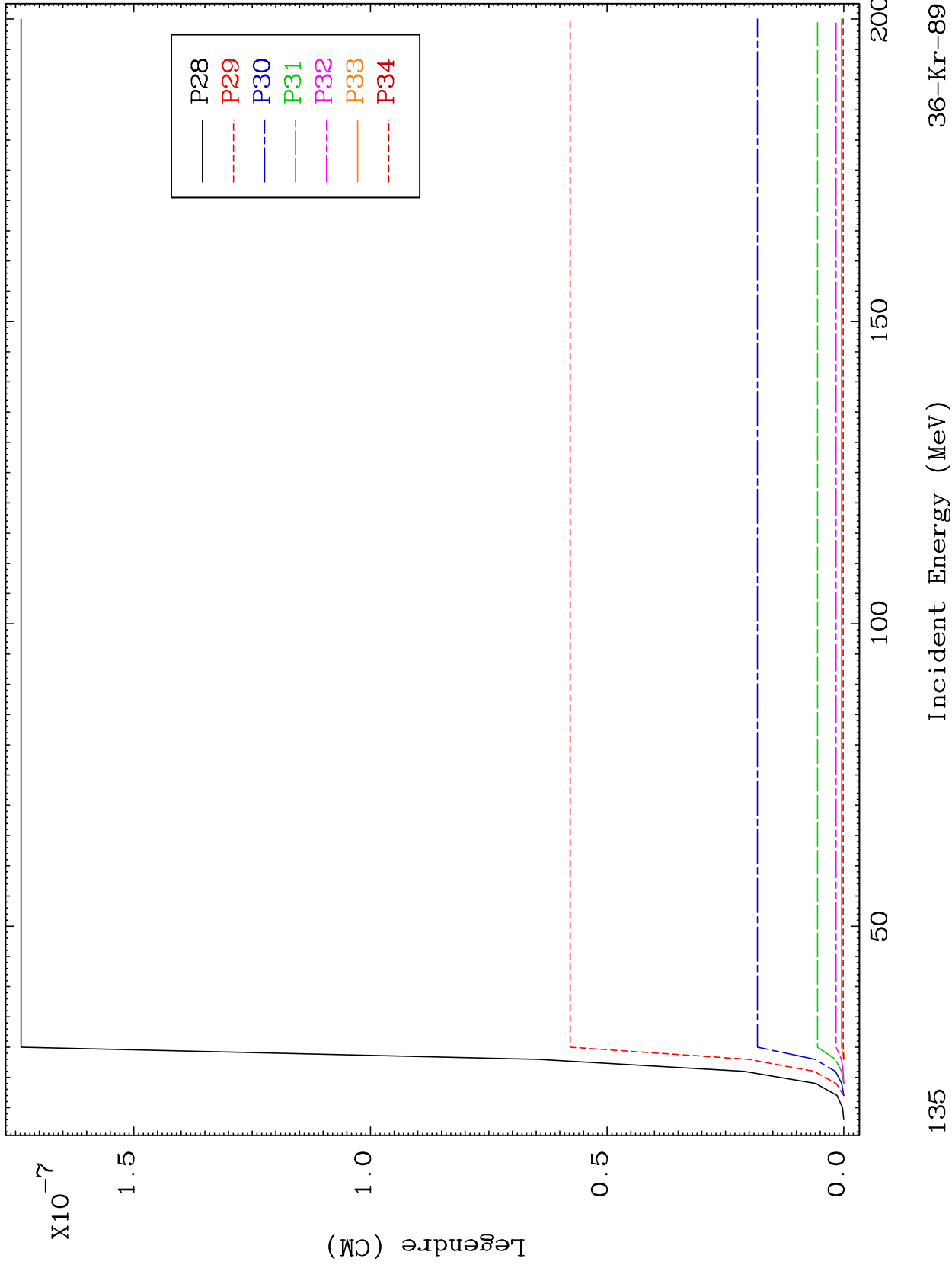




MAT 3658

3.215 MeV (n,n') Level  
Legendre Coefficients

36-Kr-89



135

Incident Energy (MeV)

36-Kr-89

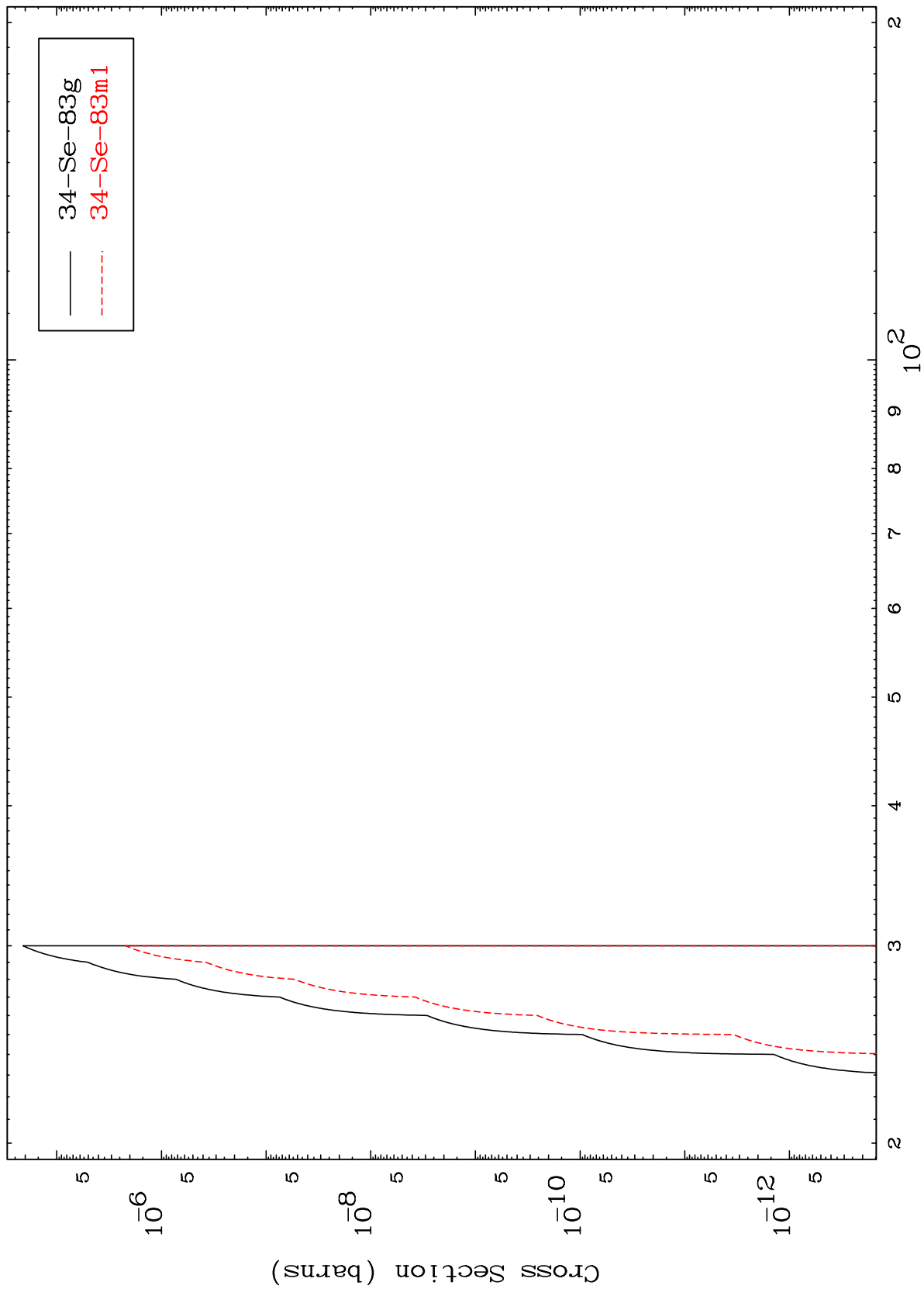


MAT 3658

(n,3n)  $\alpha$

36-Kr-89

Radionuclide Production Cross Section



136

Incident Energy (MeV)

36-Kr-89