

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

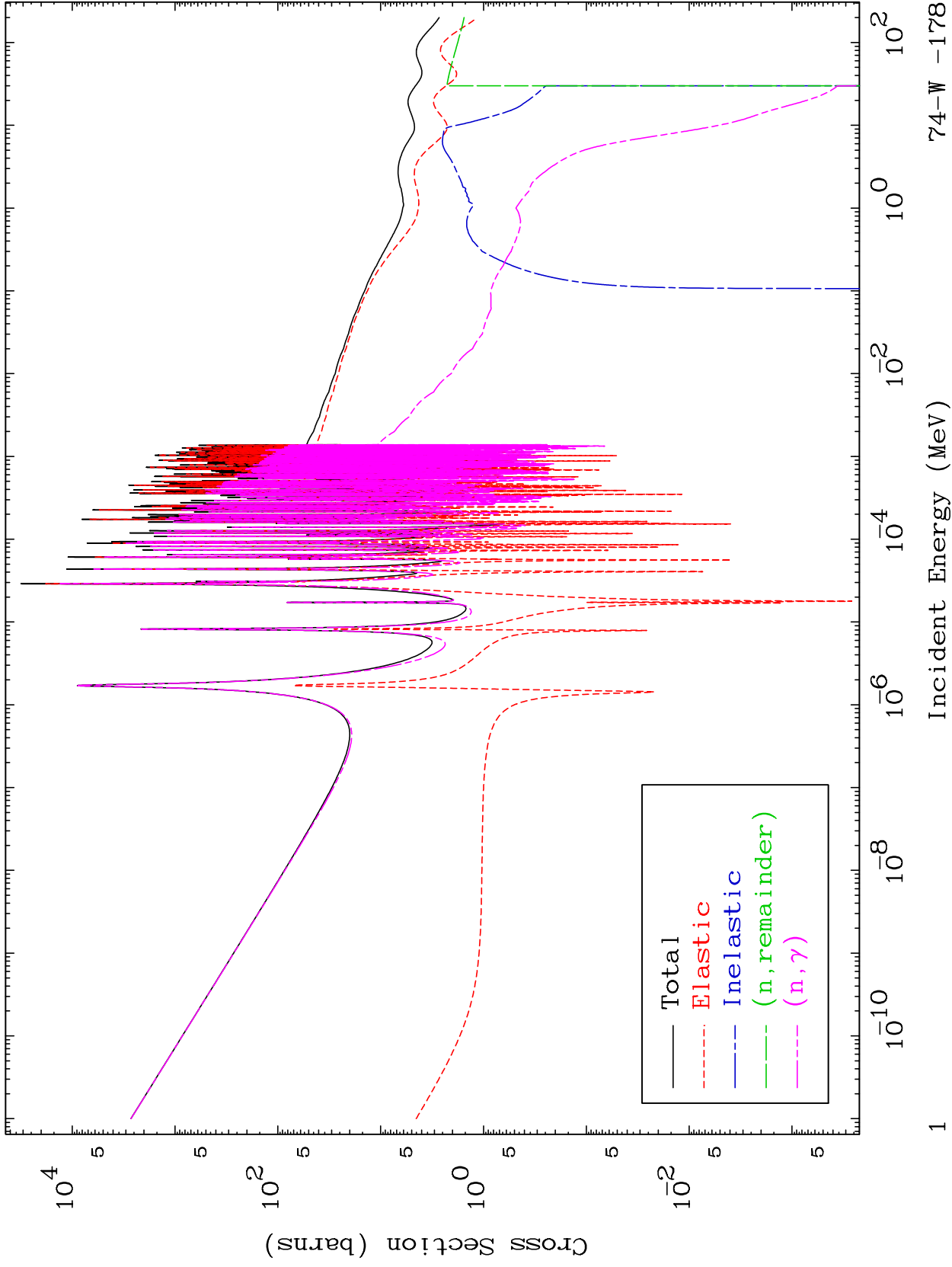
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7419

Major  
293 Kelvin Cross Sections

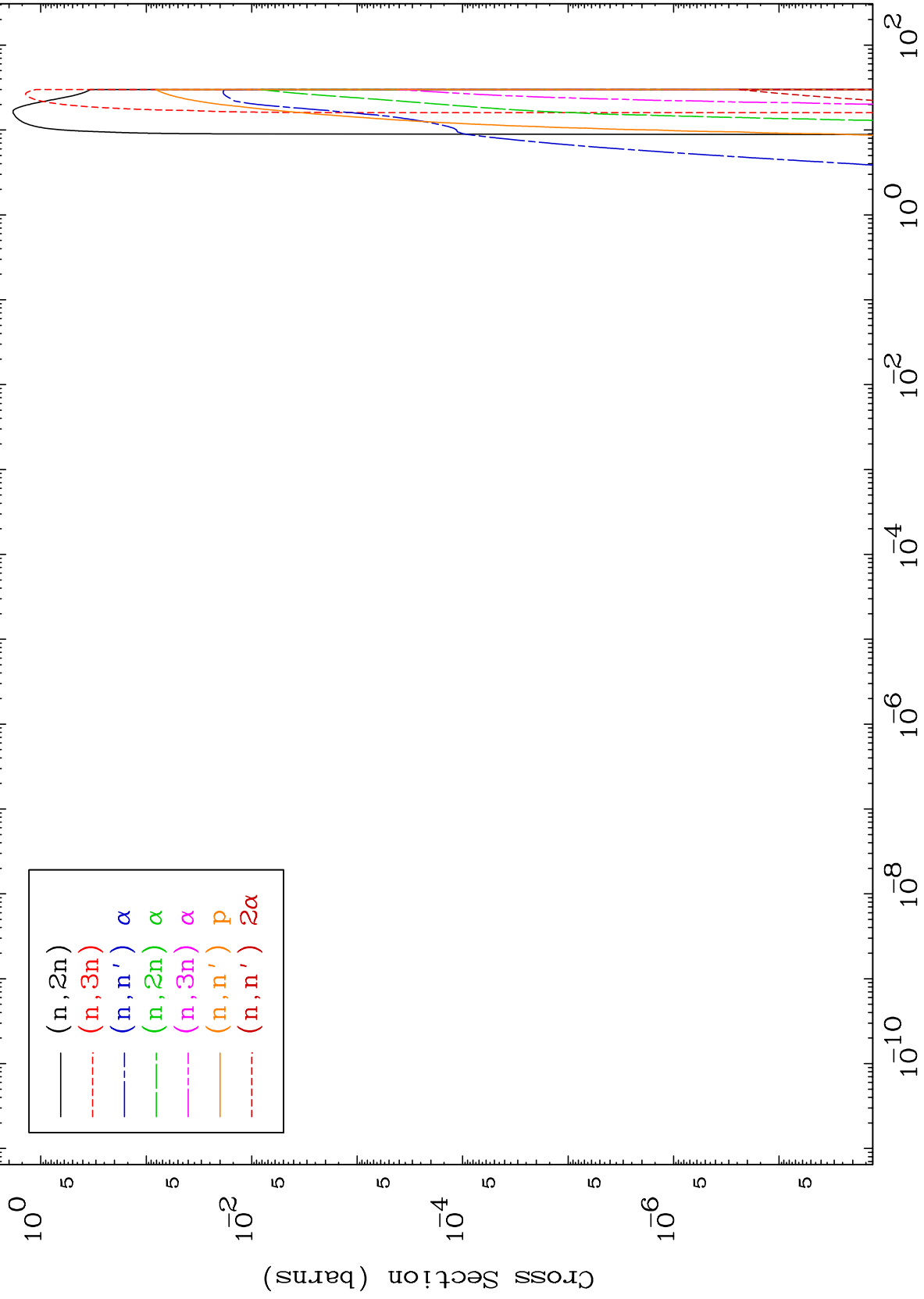
74-W -178



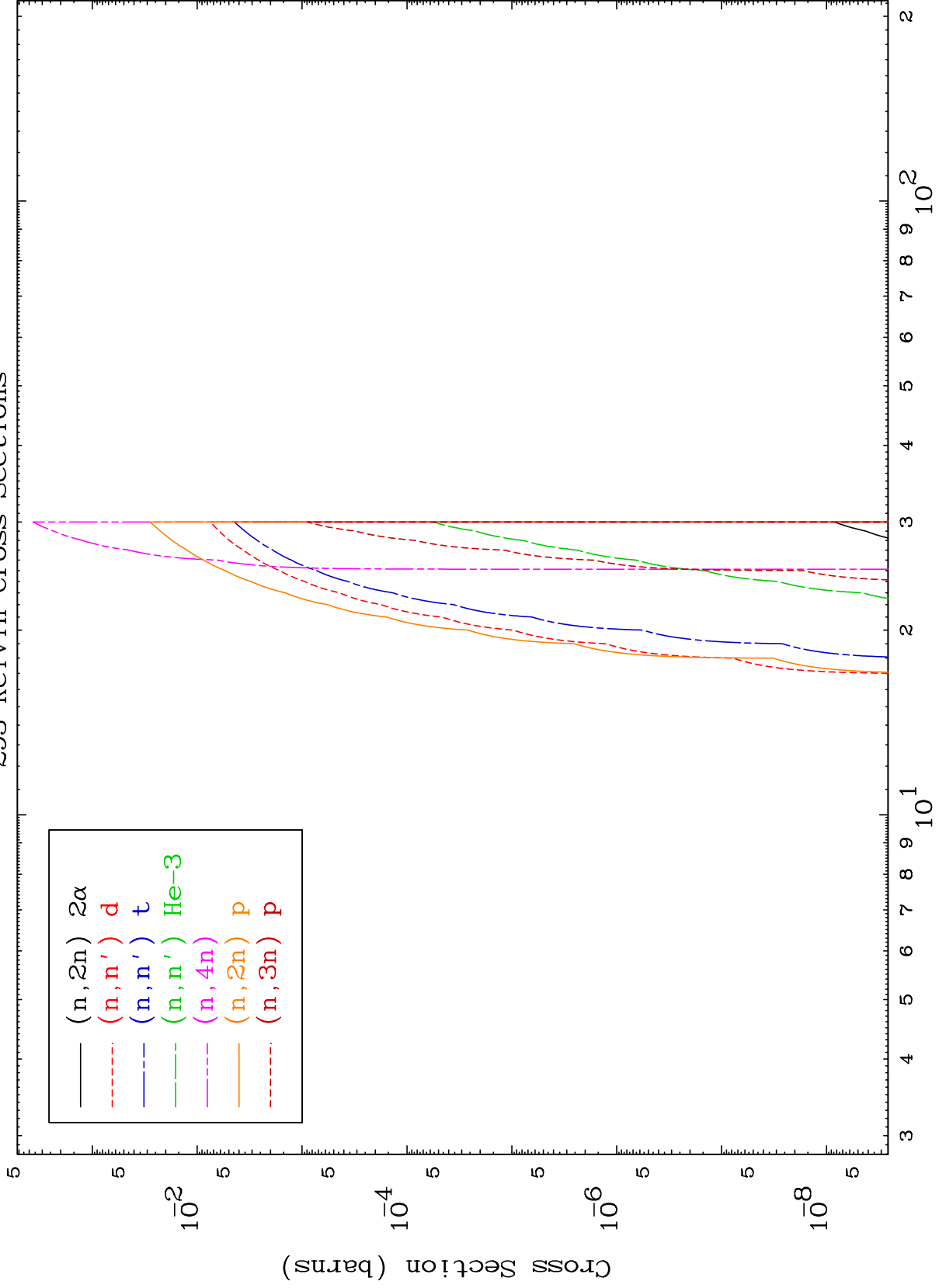
MAT 7419

Neutron Production  
293 Kelvin Cross Sections

74-W -178



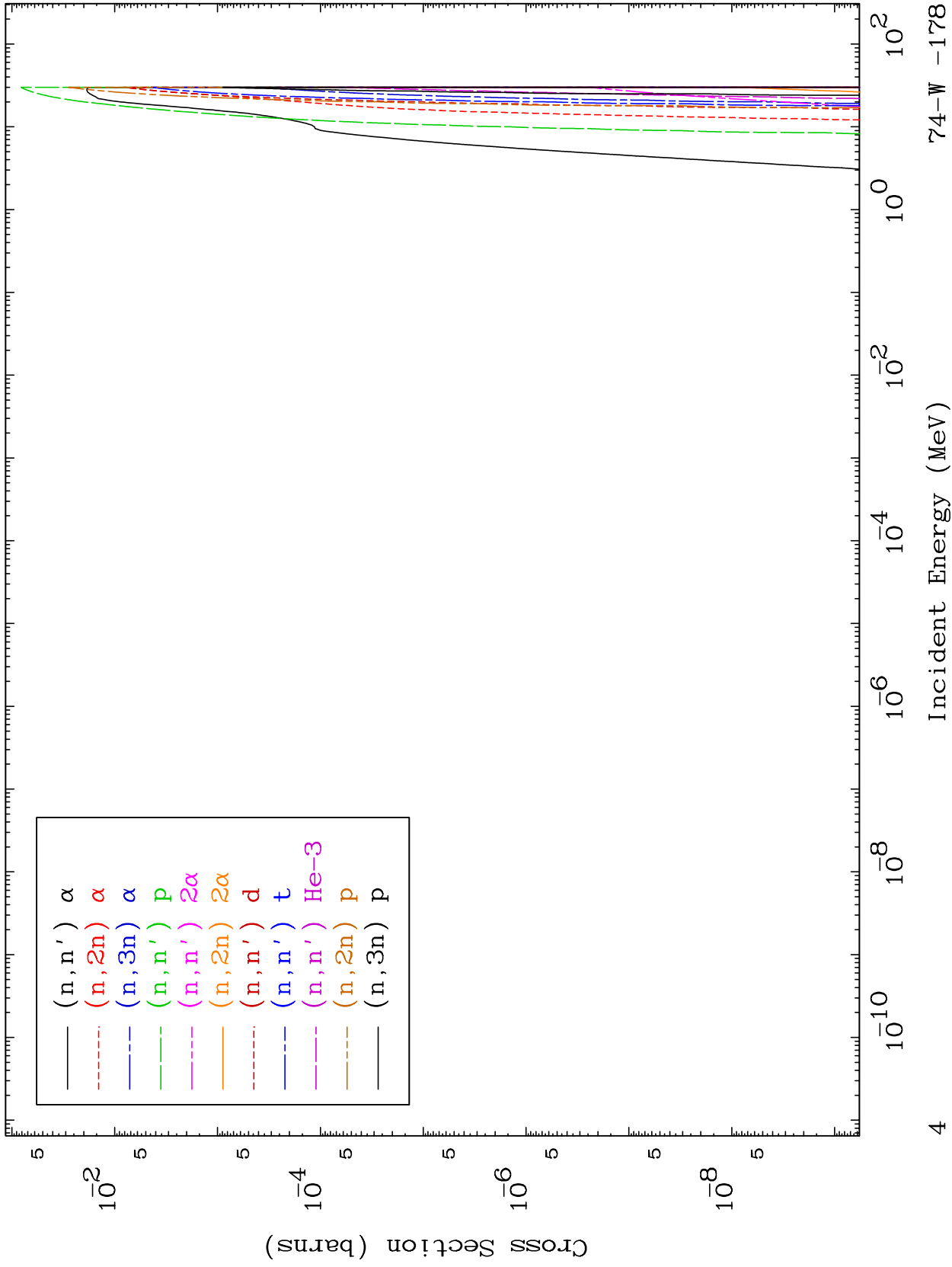
74-W -178



MAT 7419

Charged Particle  
293 Kelvin Cross Sections

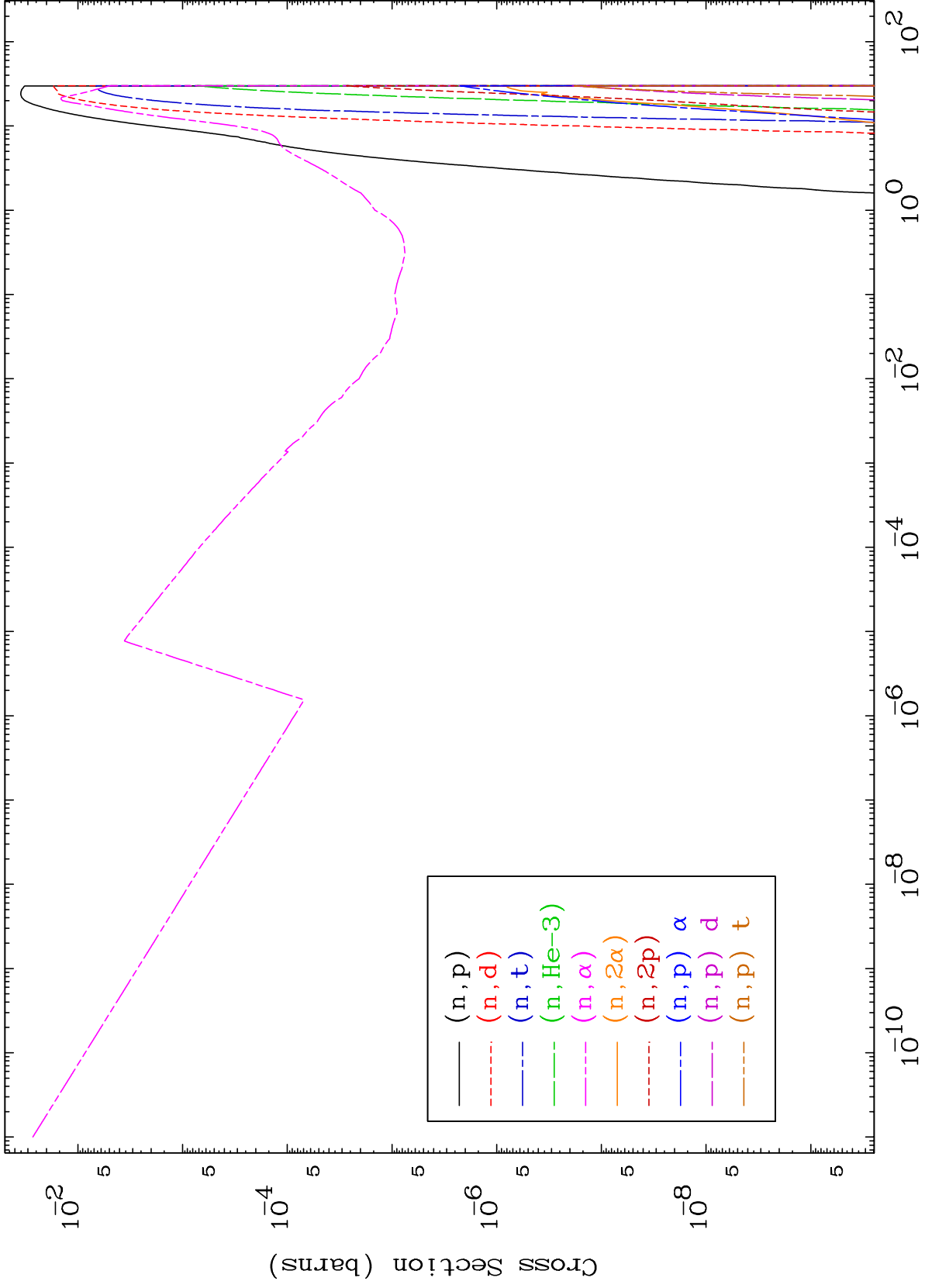
74-W -178

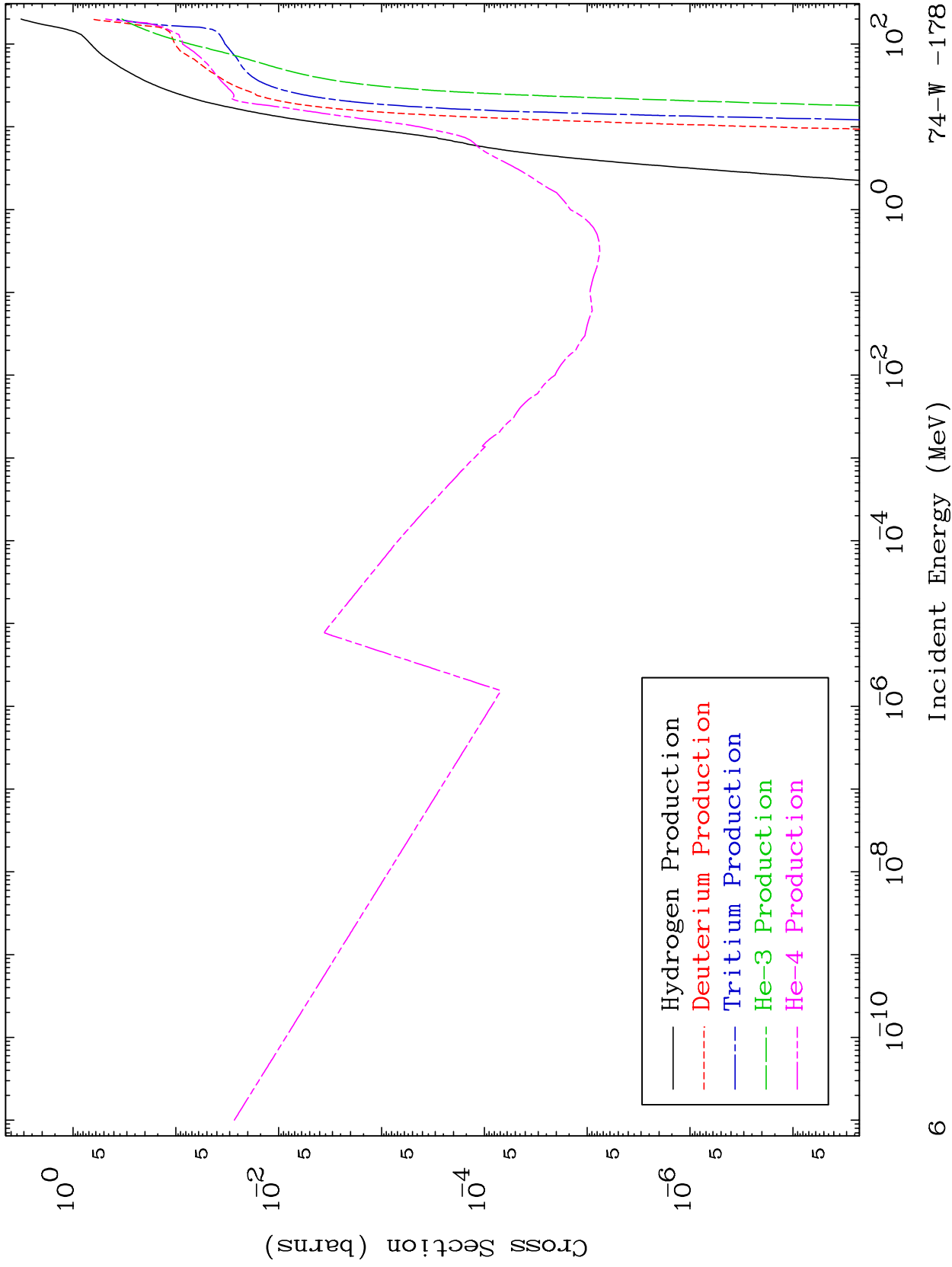


MAT 7419

Charged Particle  
293 Kelvin Cross Sections

74-W -178

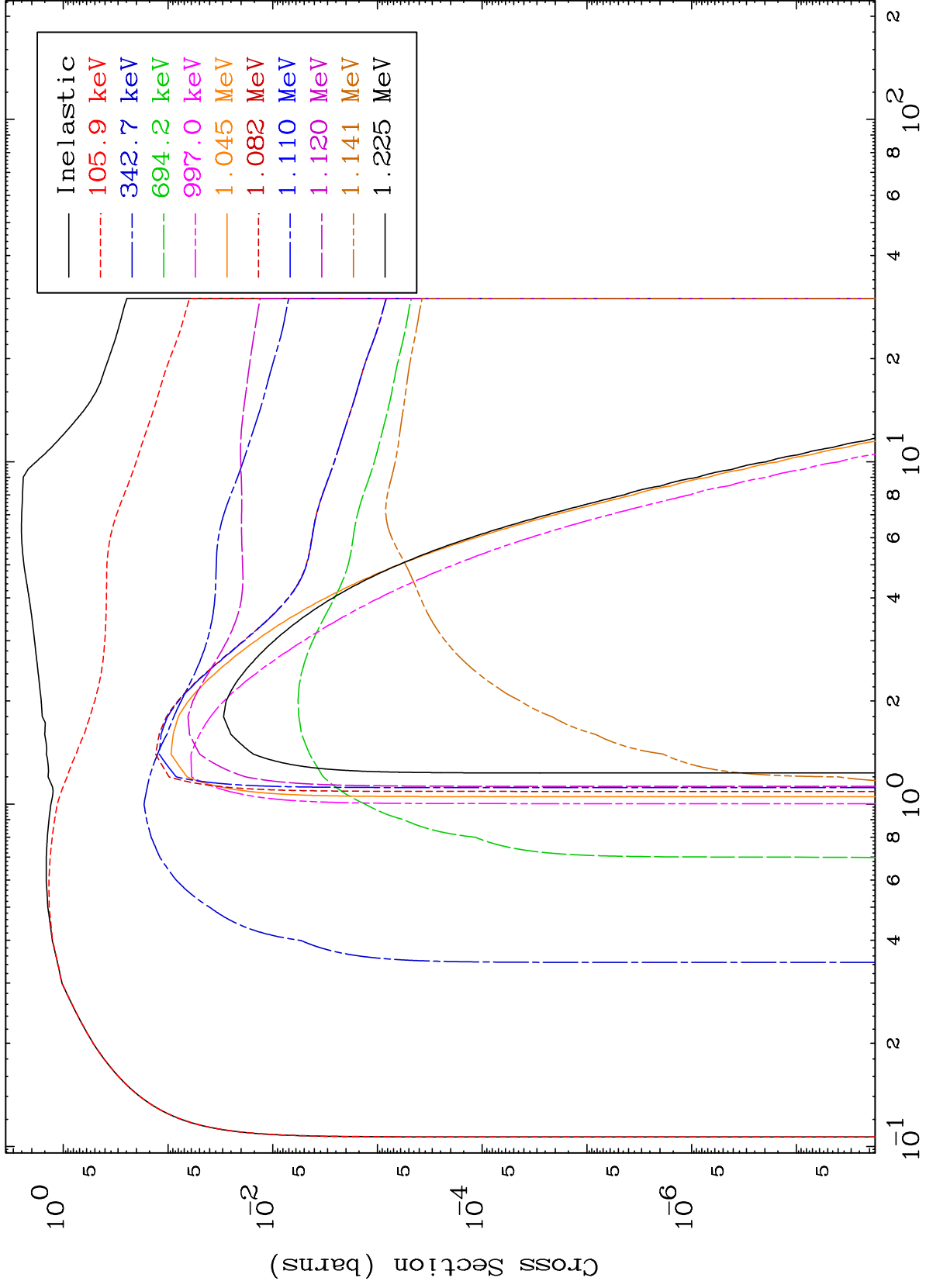




MAT 7419

(n,n') Level  
293 Kelvin Cross Sections

74-W -178



Incident Energy (MeV)

74-W -178

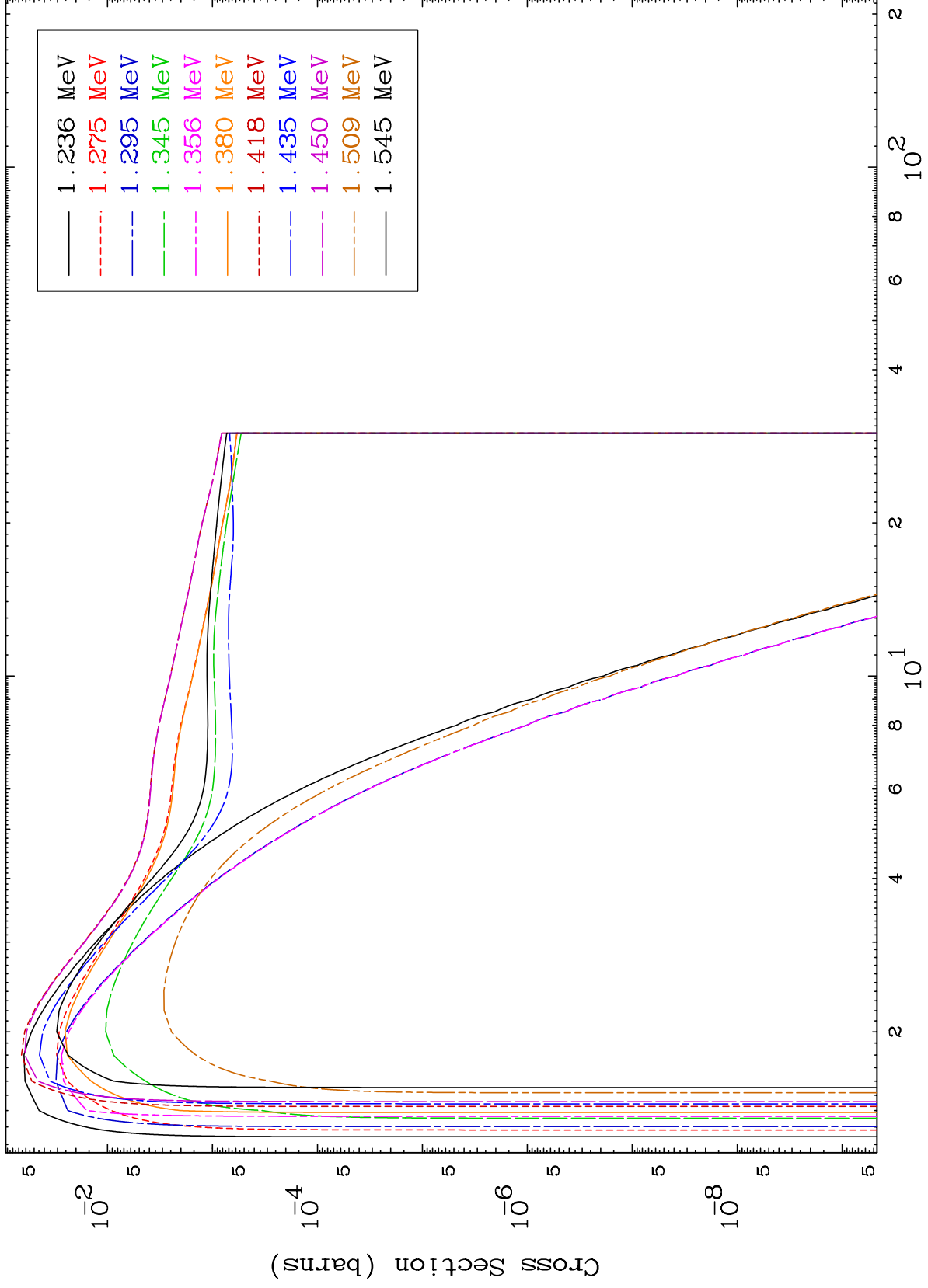
7



MAT 7419

(n,n') Level  
293 Kelvin Cross Sections

74-W -178

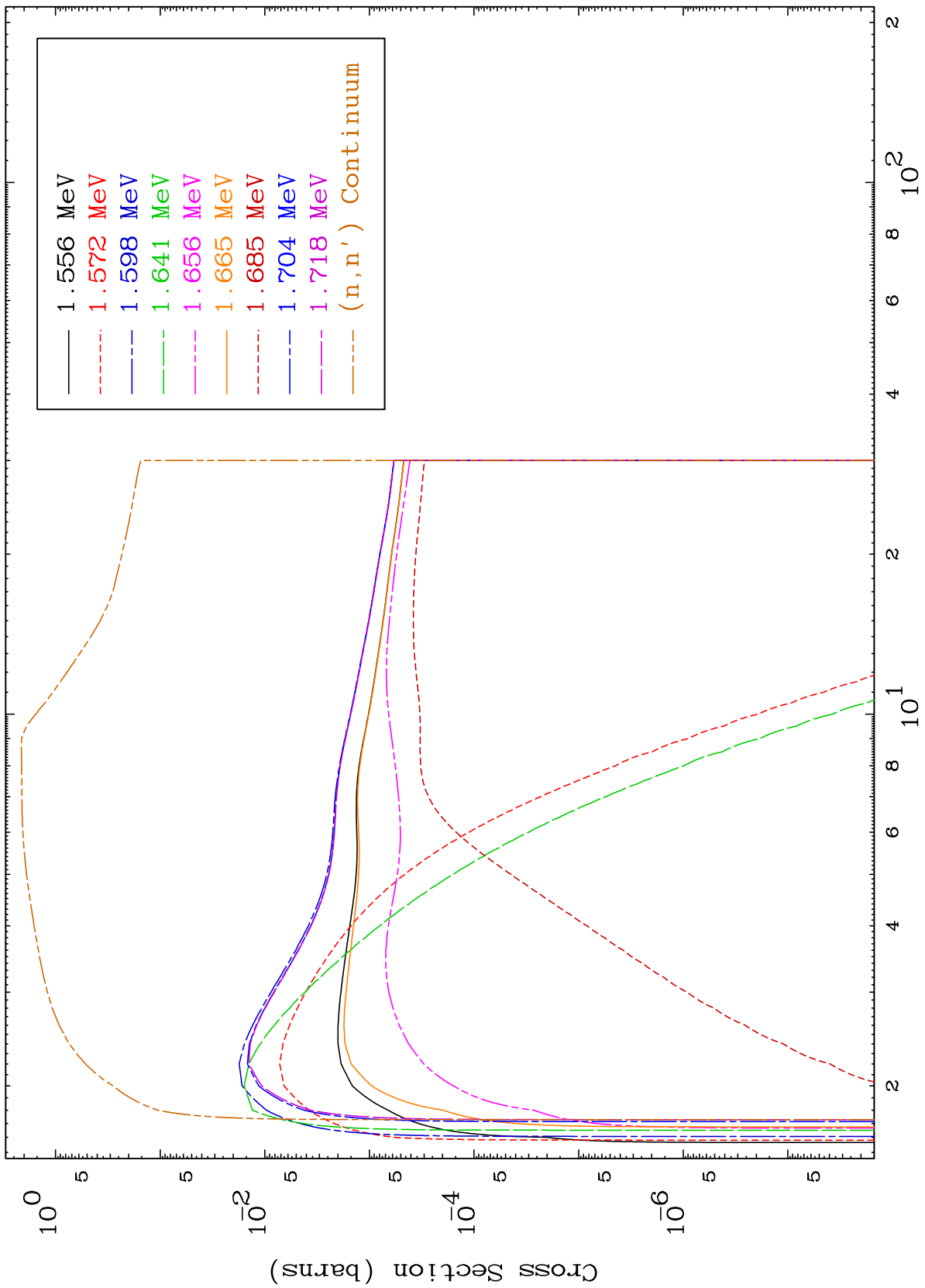


8

Incident Energy (MeV)

74-W -178

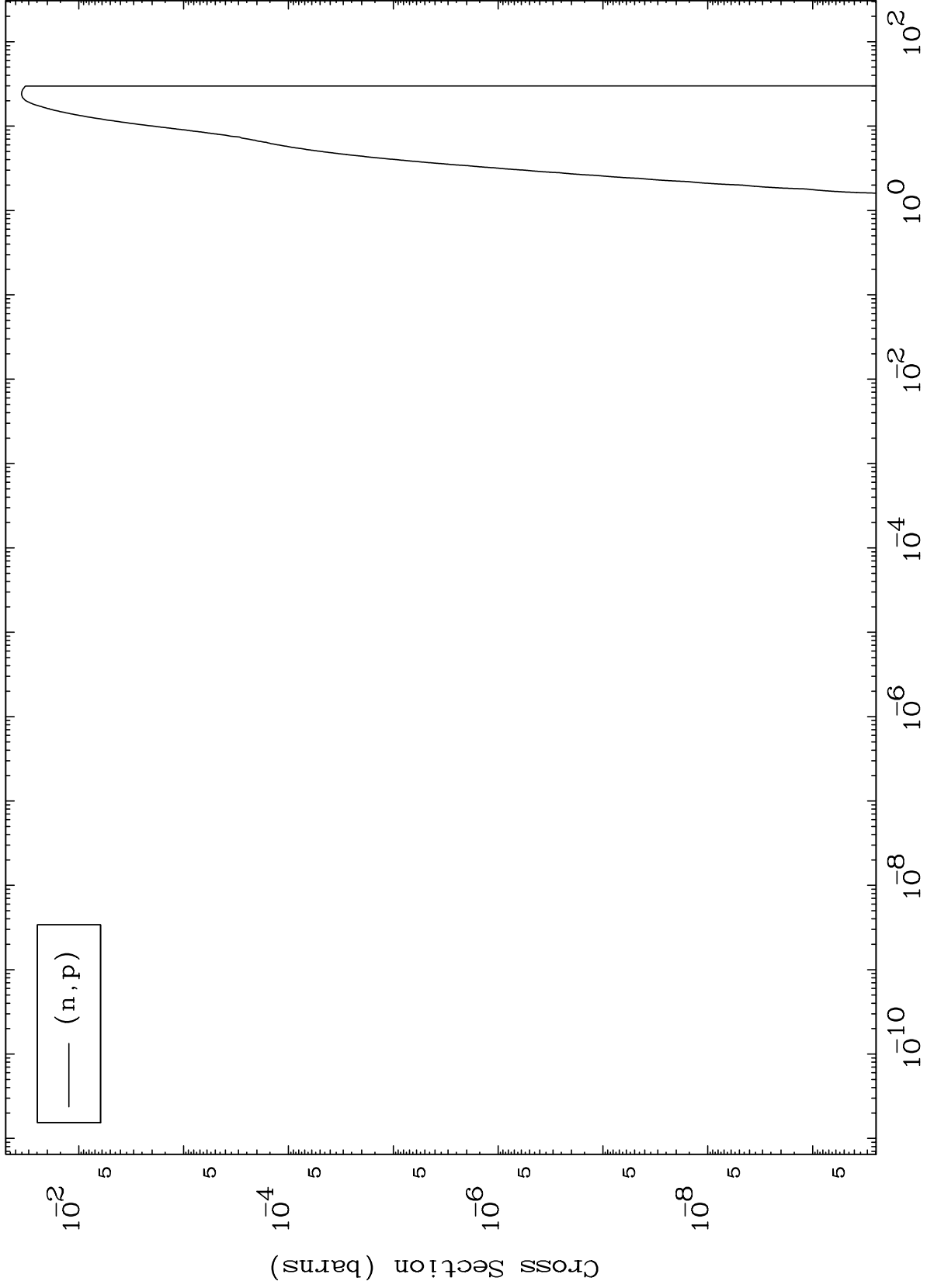
293 Kelvin Cross Sections



MAT 7419

(n,p) Levels  
293 Kelvin Cross Sections

74-W -178



10

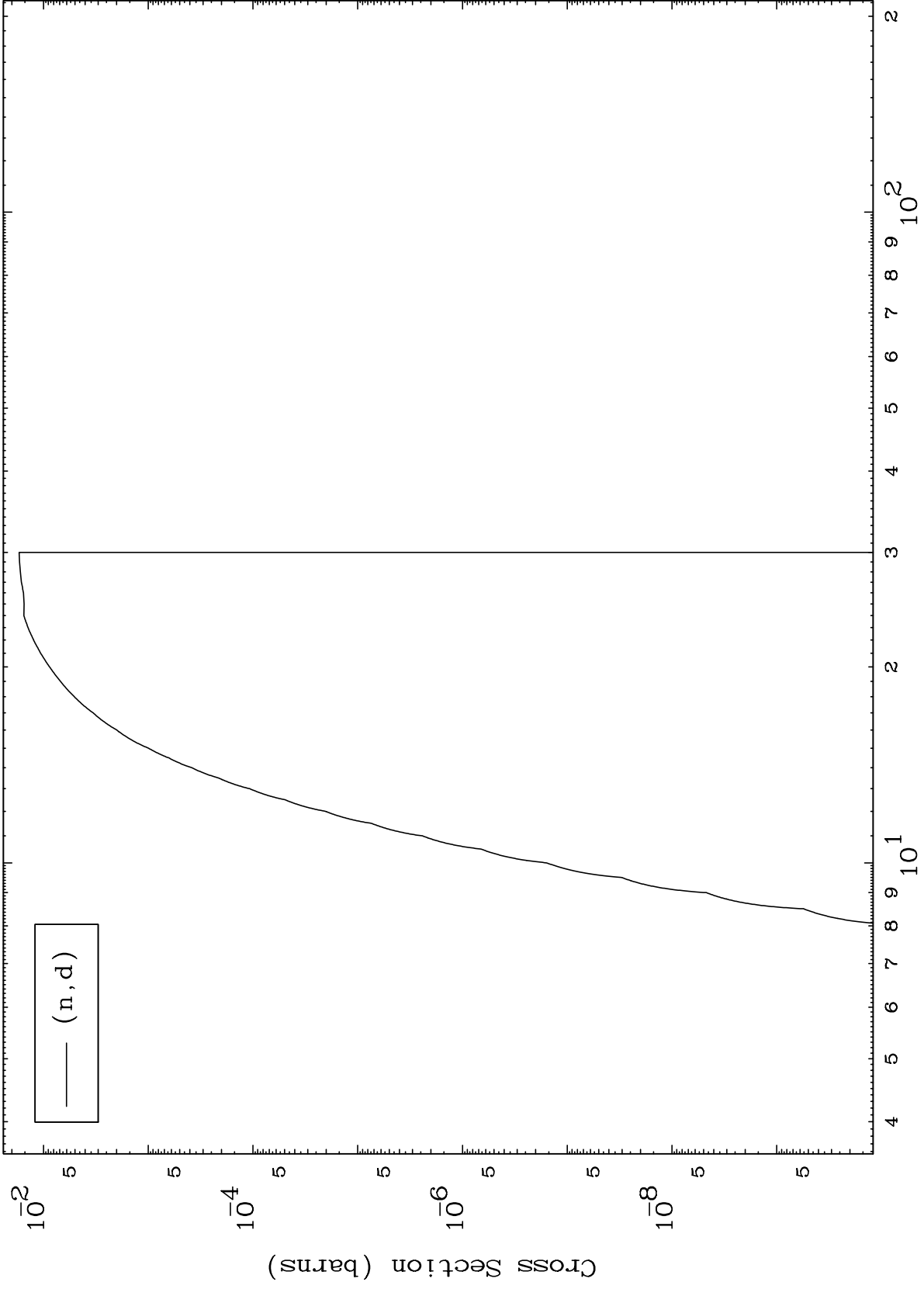
Incident Energy (MeV)

74-W -178

MAT 7419

(n,d) Levels  
293 Kelvin Cross Sections

74-W -178



11

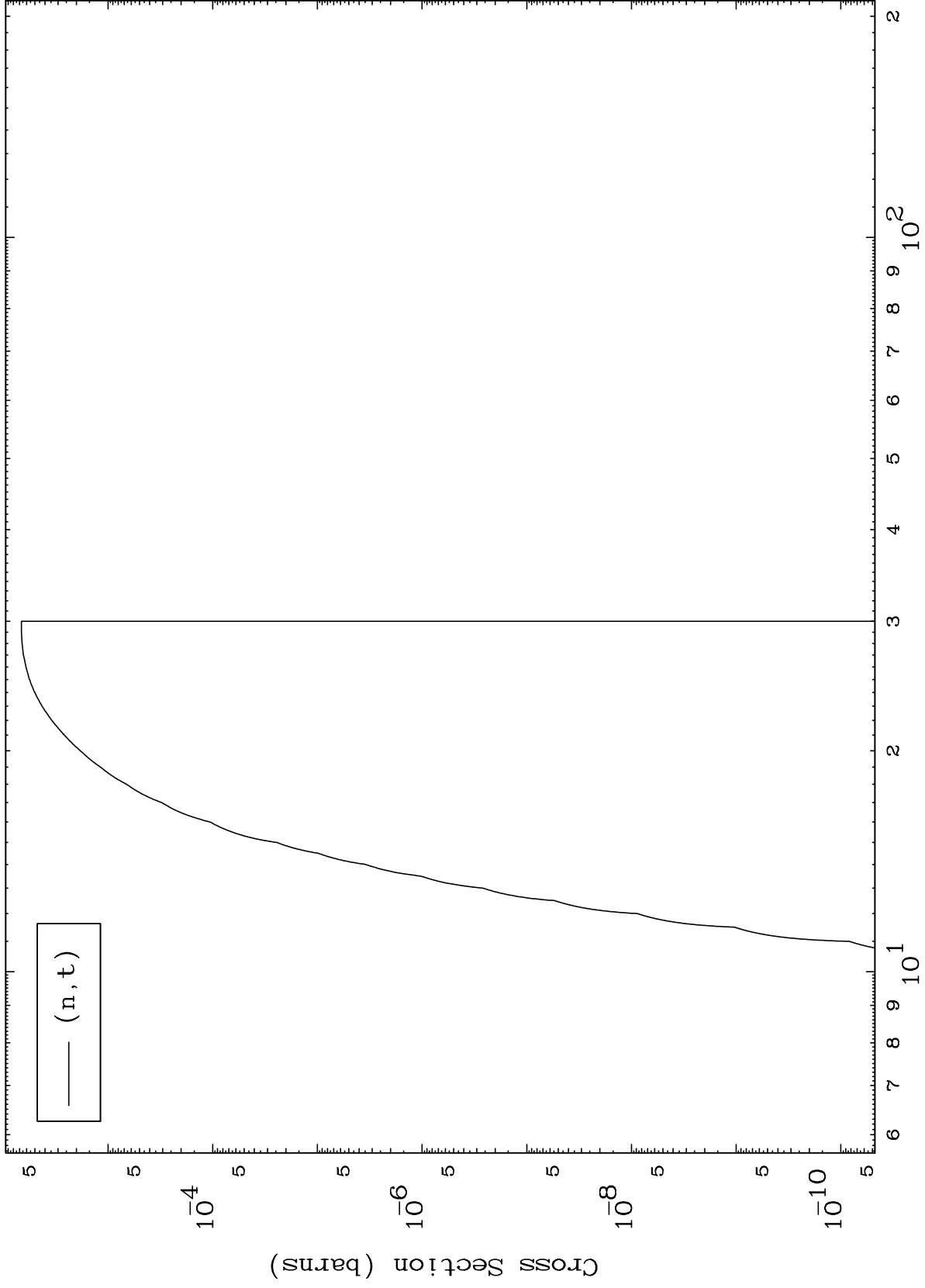
Incident Energy (MeV)

74-W -178

MAT 7419

(n,t) Levels  
293 Kelvin Cross Sections

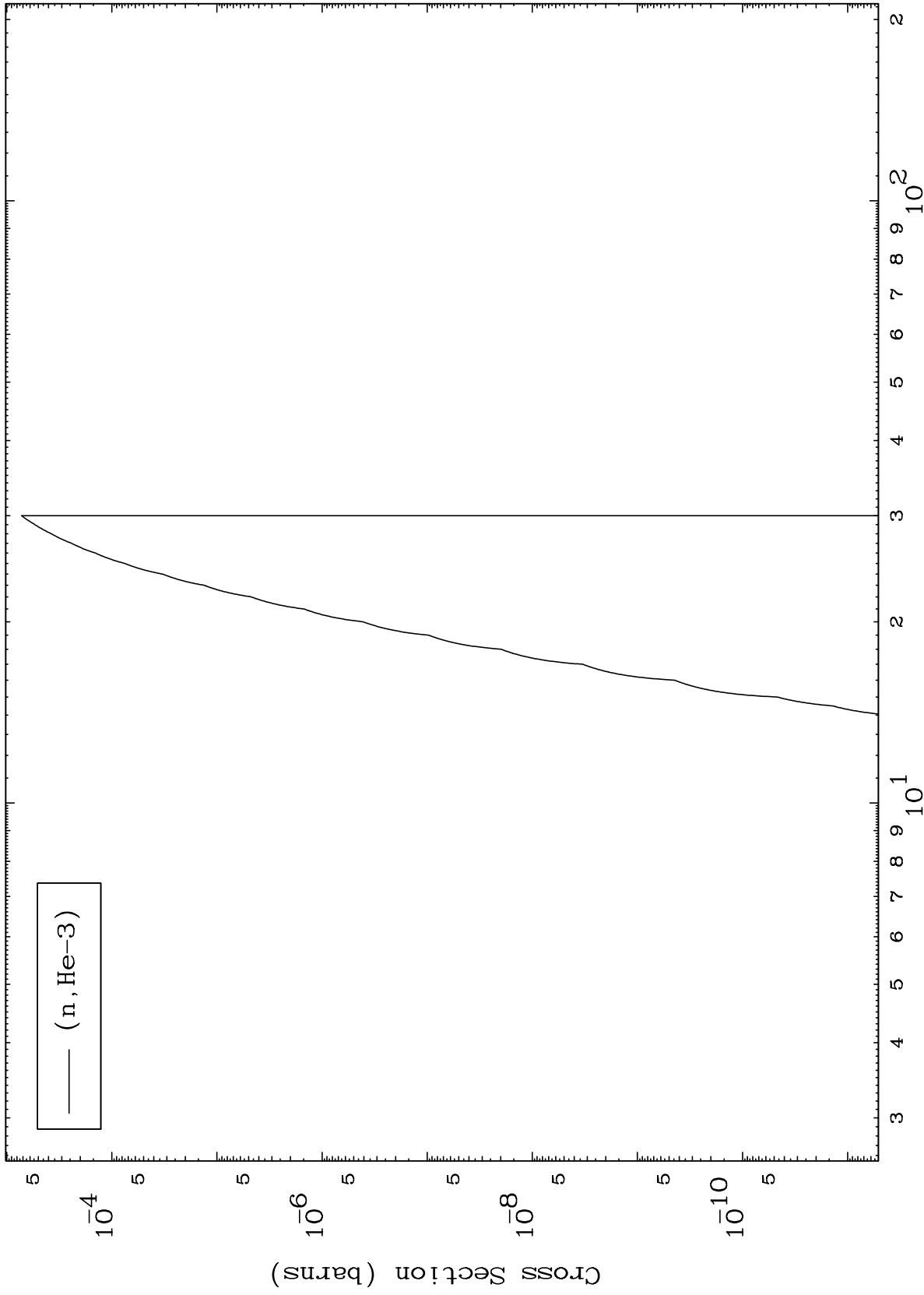
74-W -178



12

Incident Energy (MeV)

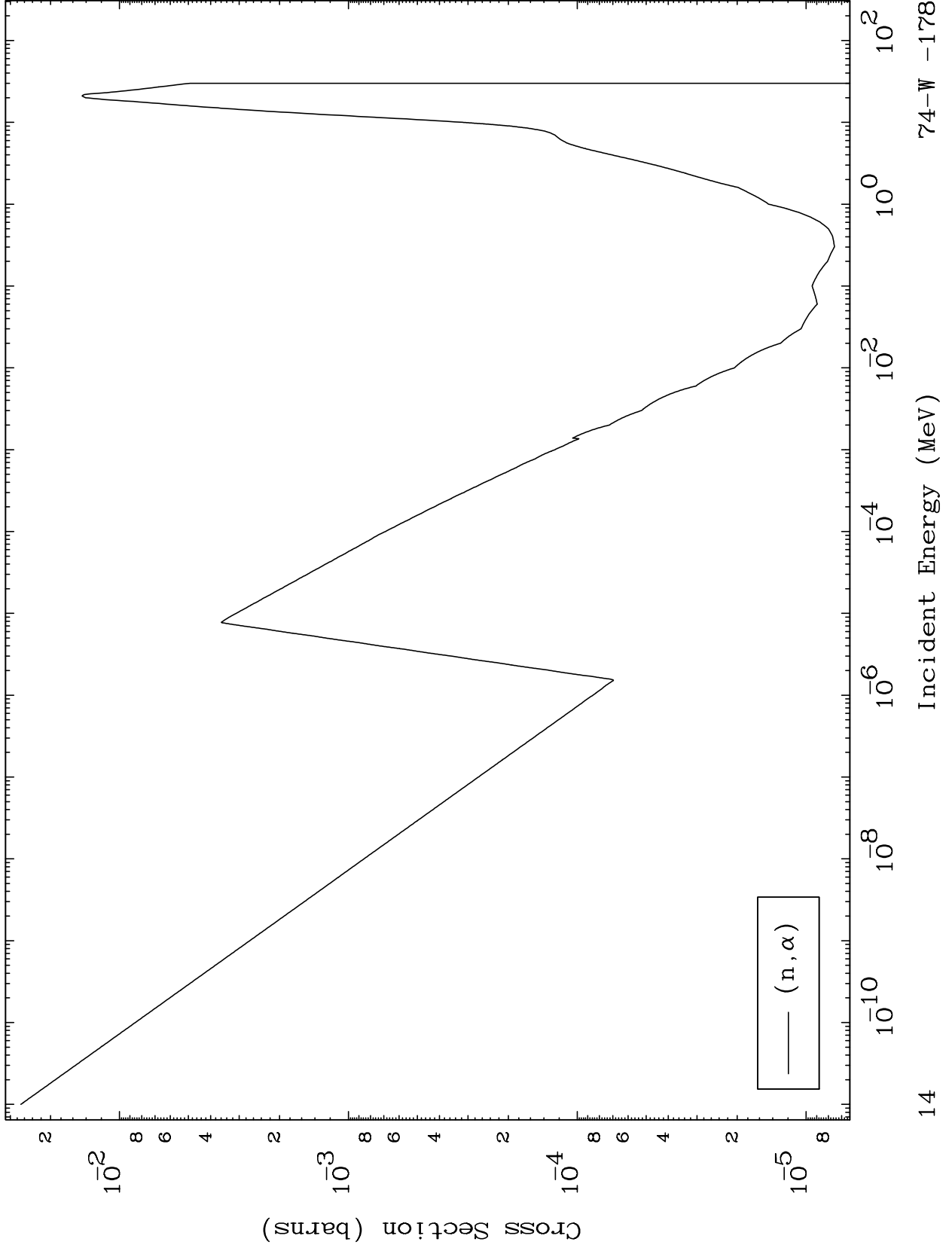
74-W -178

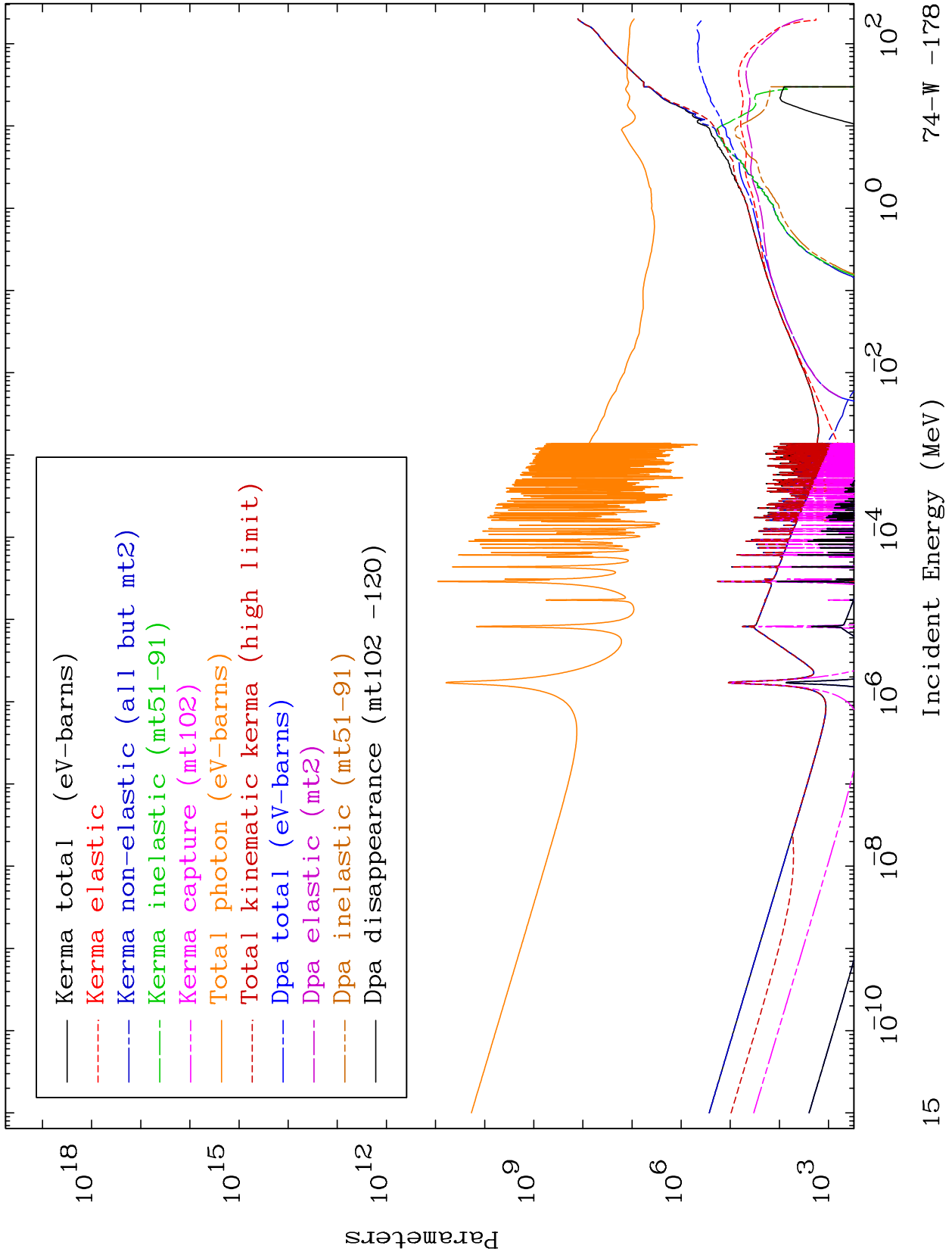


MAT 7419

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

74-W -178



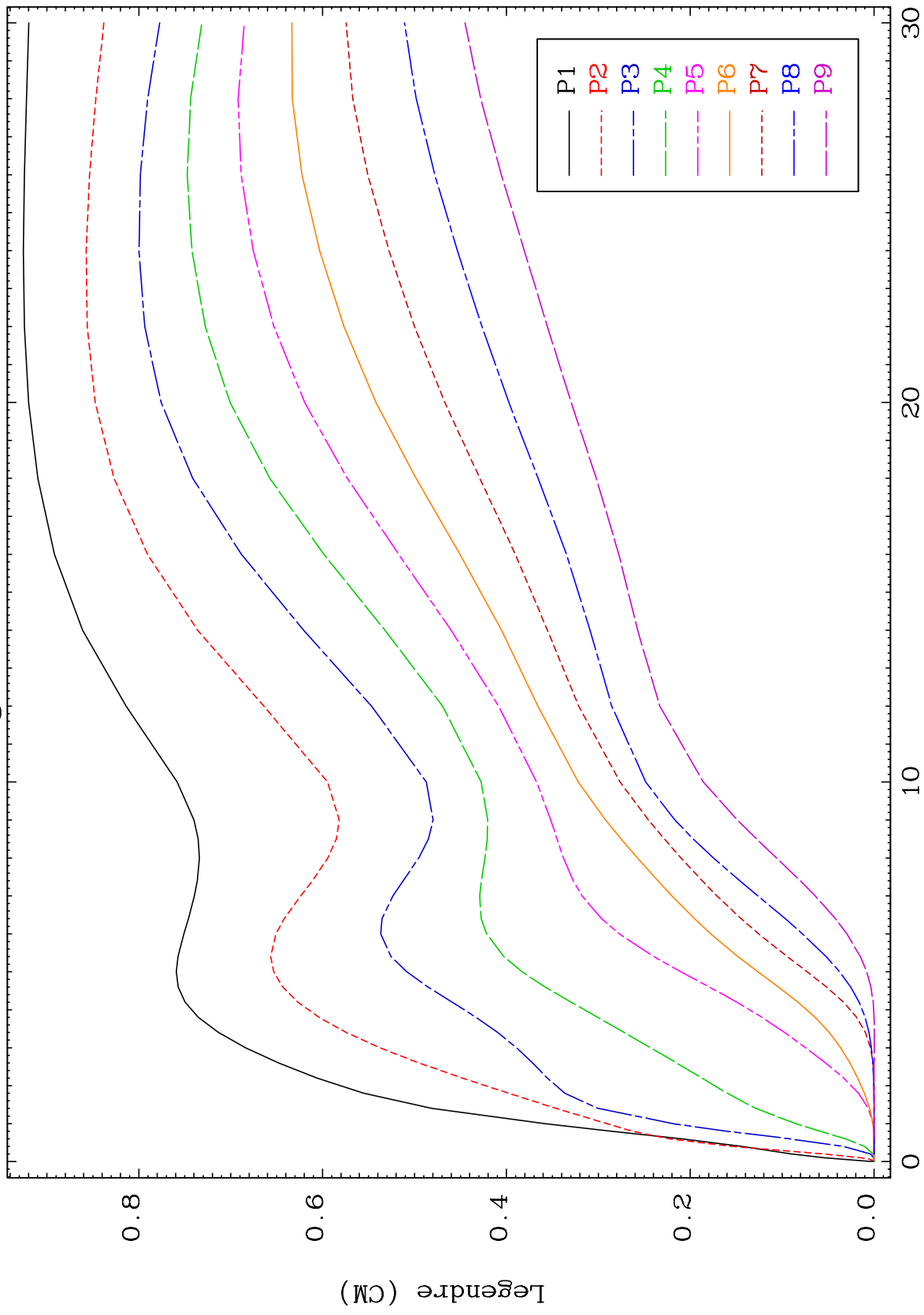




MAT 7419

Elastic Legendre Coefficients

74-W -178



16

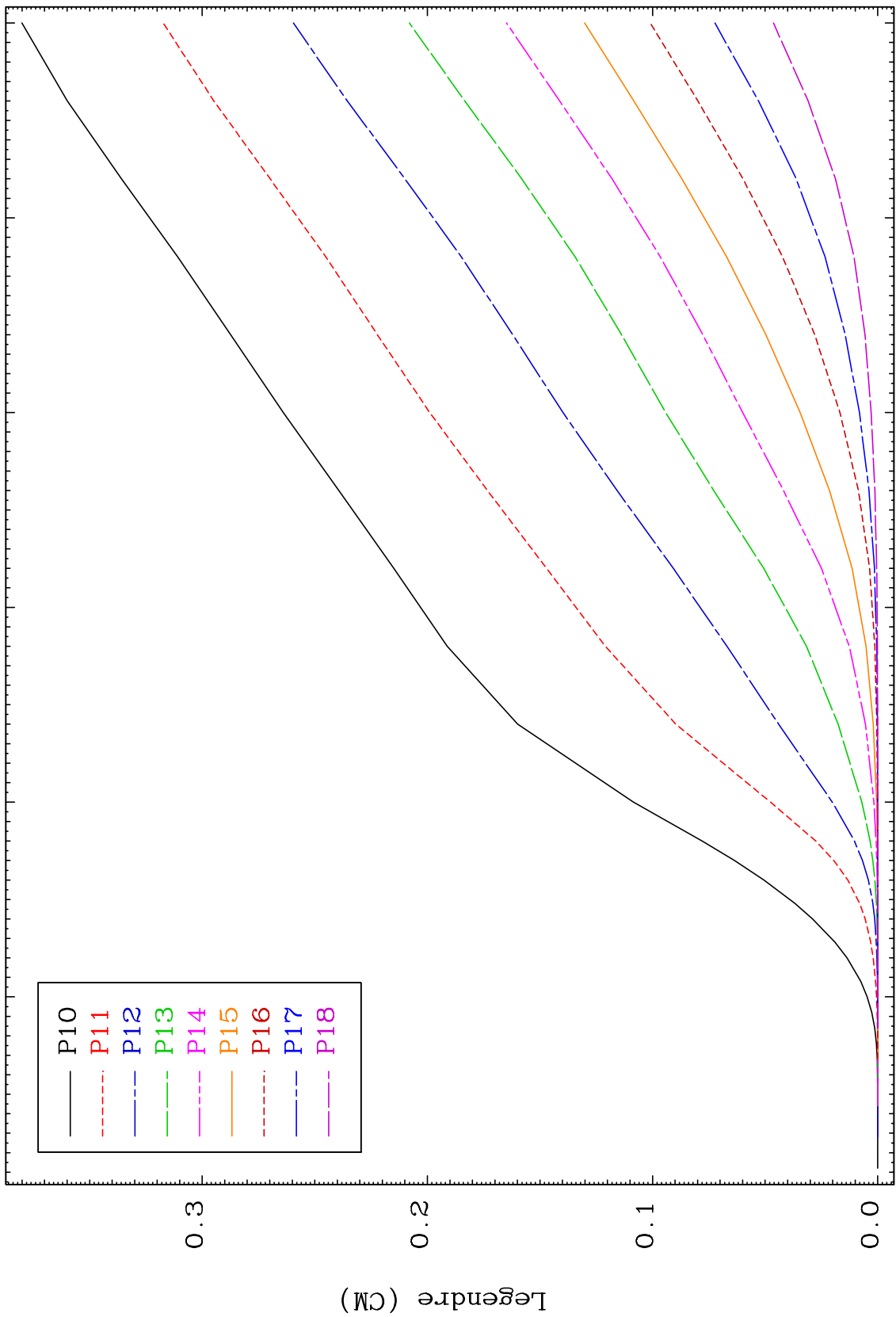
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



17

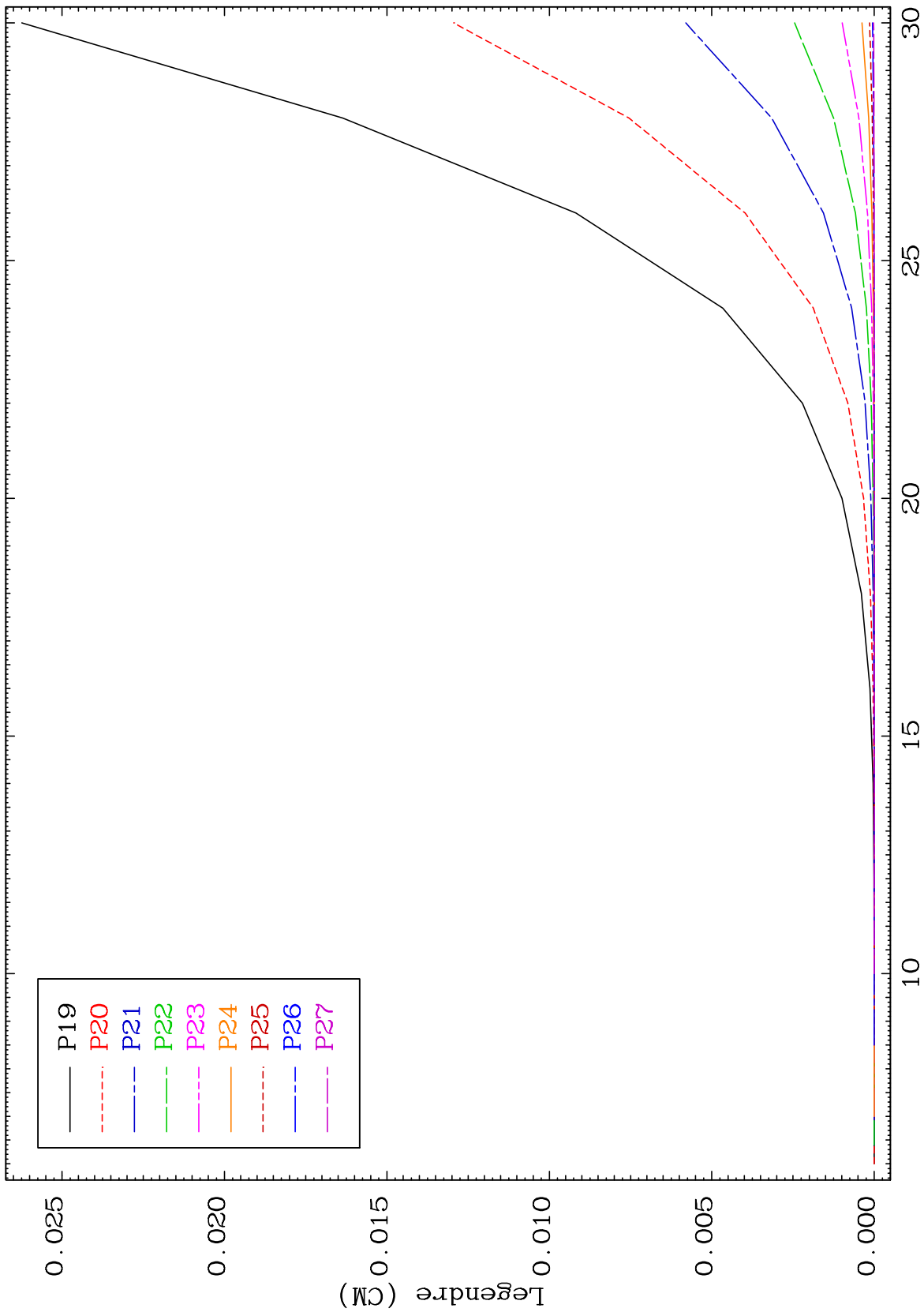
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



18

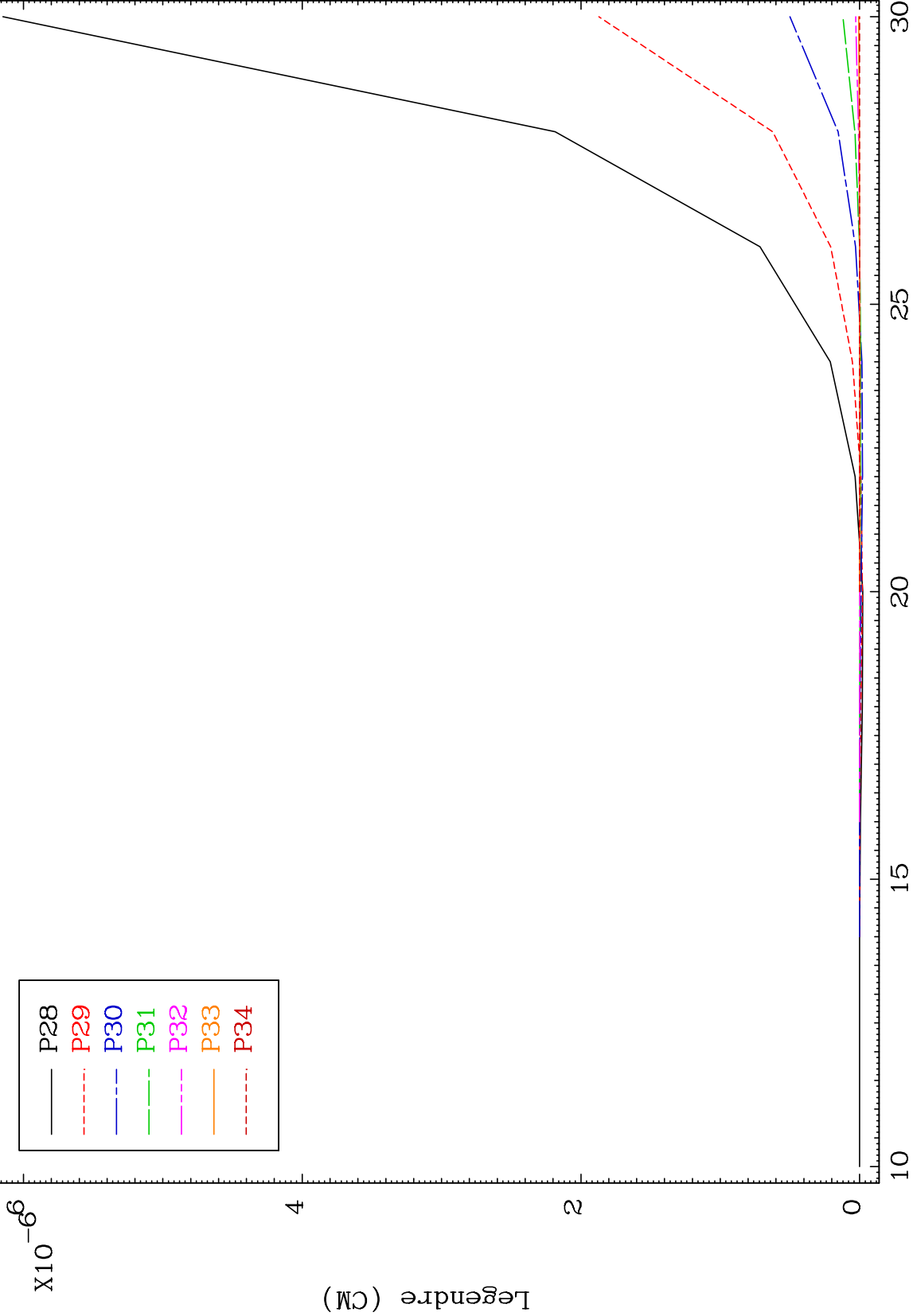
Incident Energy (MeV)

74-W -178

MAT 7419

Elastic Legendre Coefficients

74-W -178



19

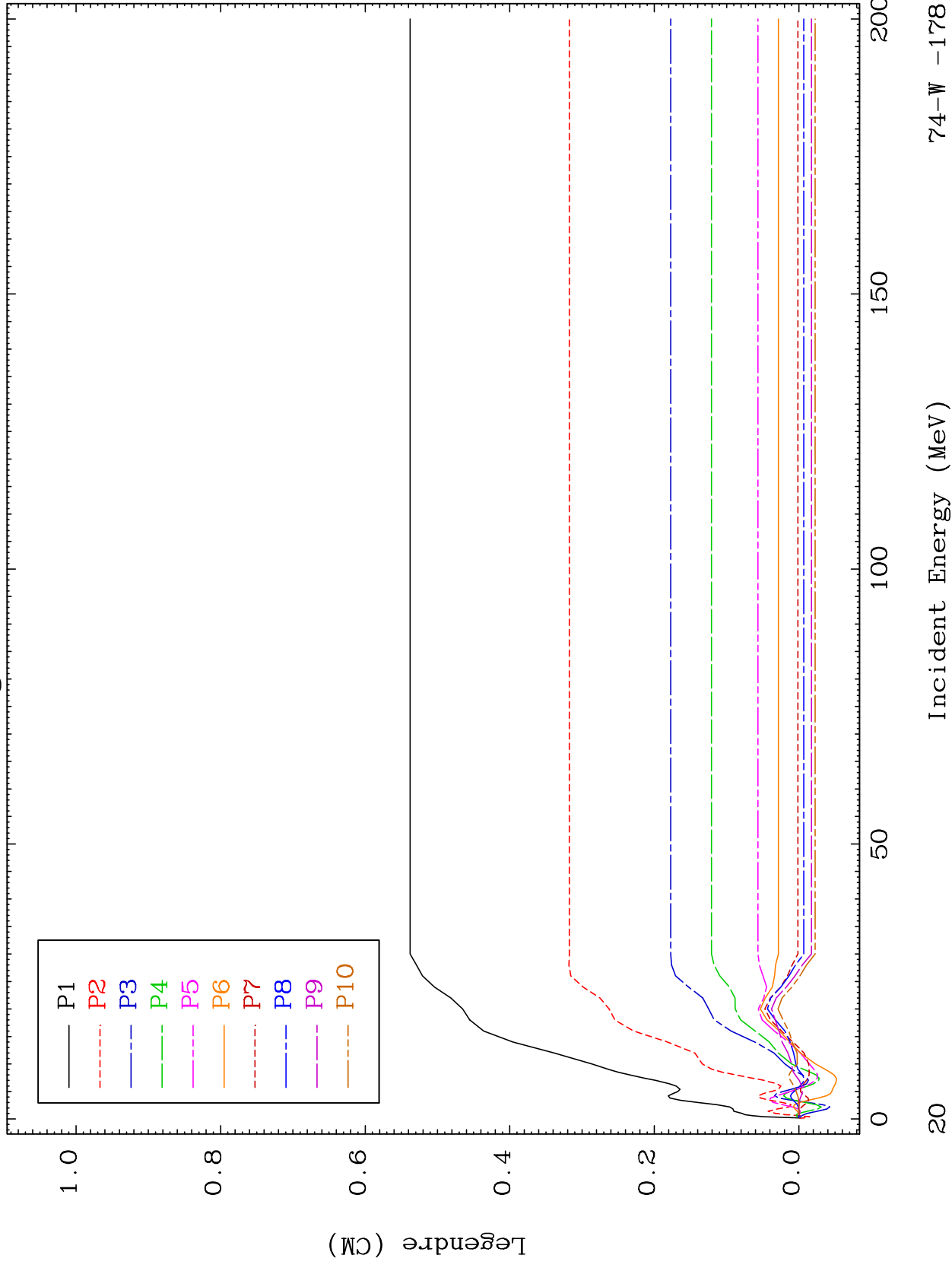
Incident Energy (MeV)

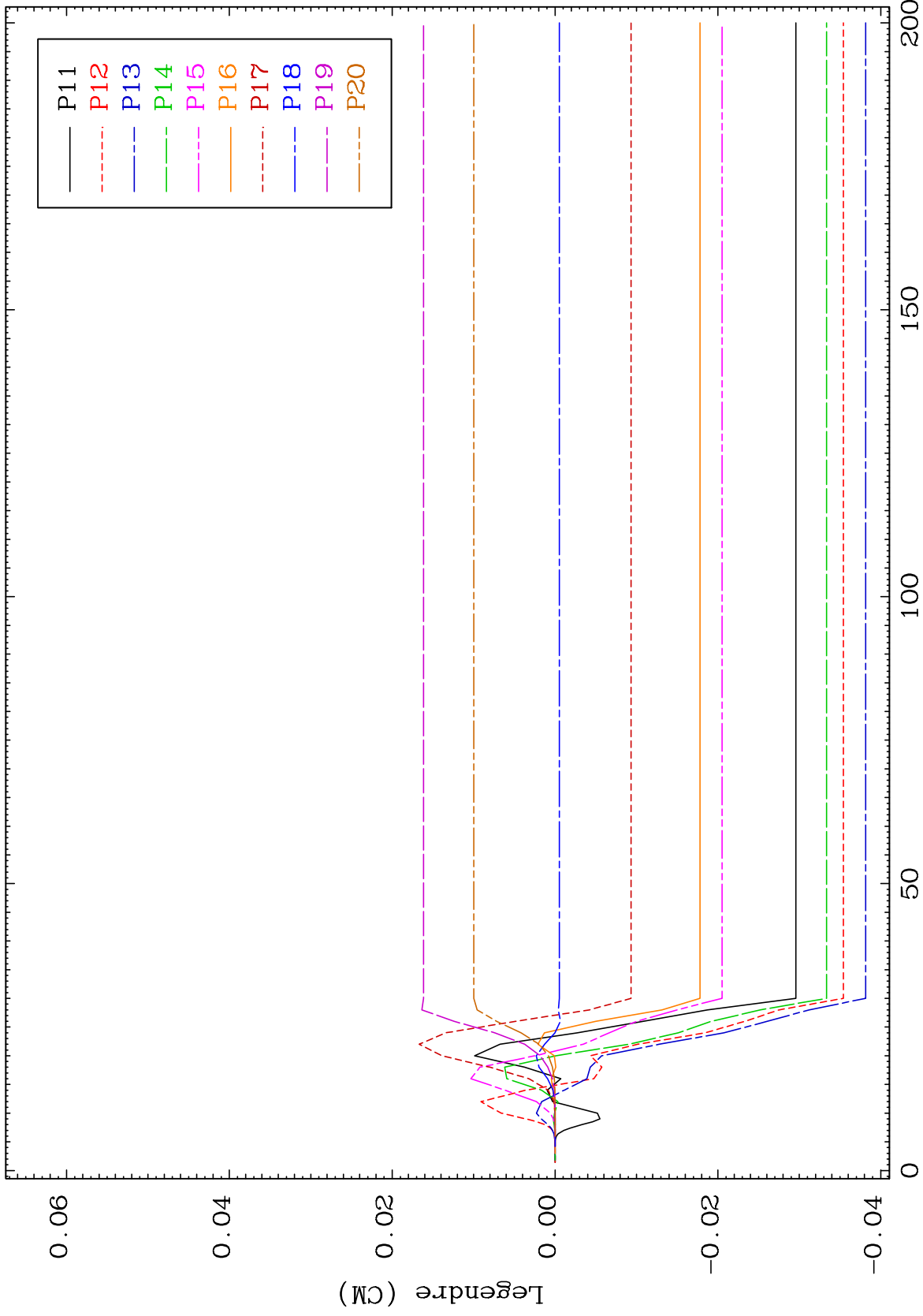
74-W -178

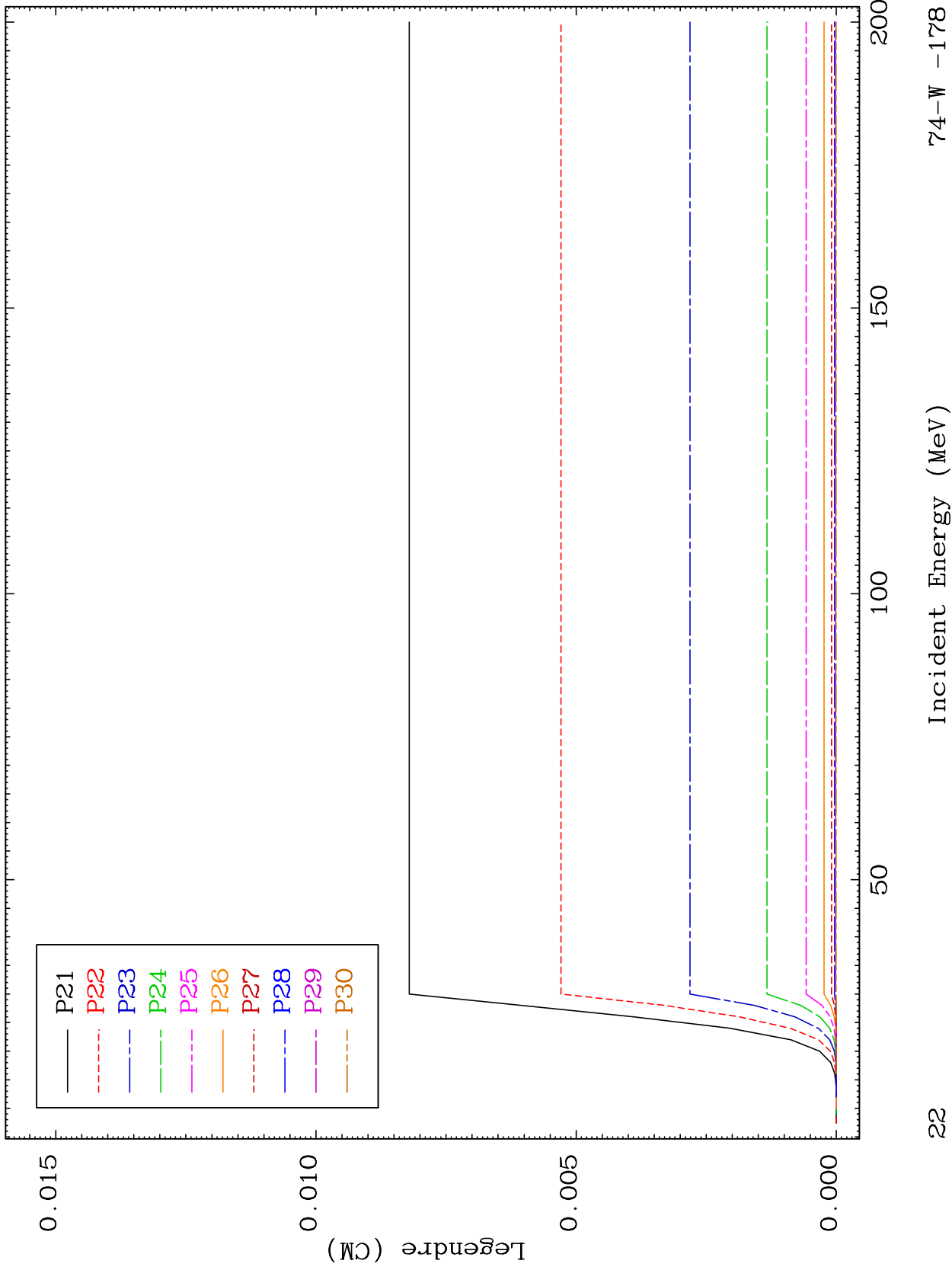
MAT 7419

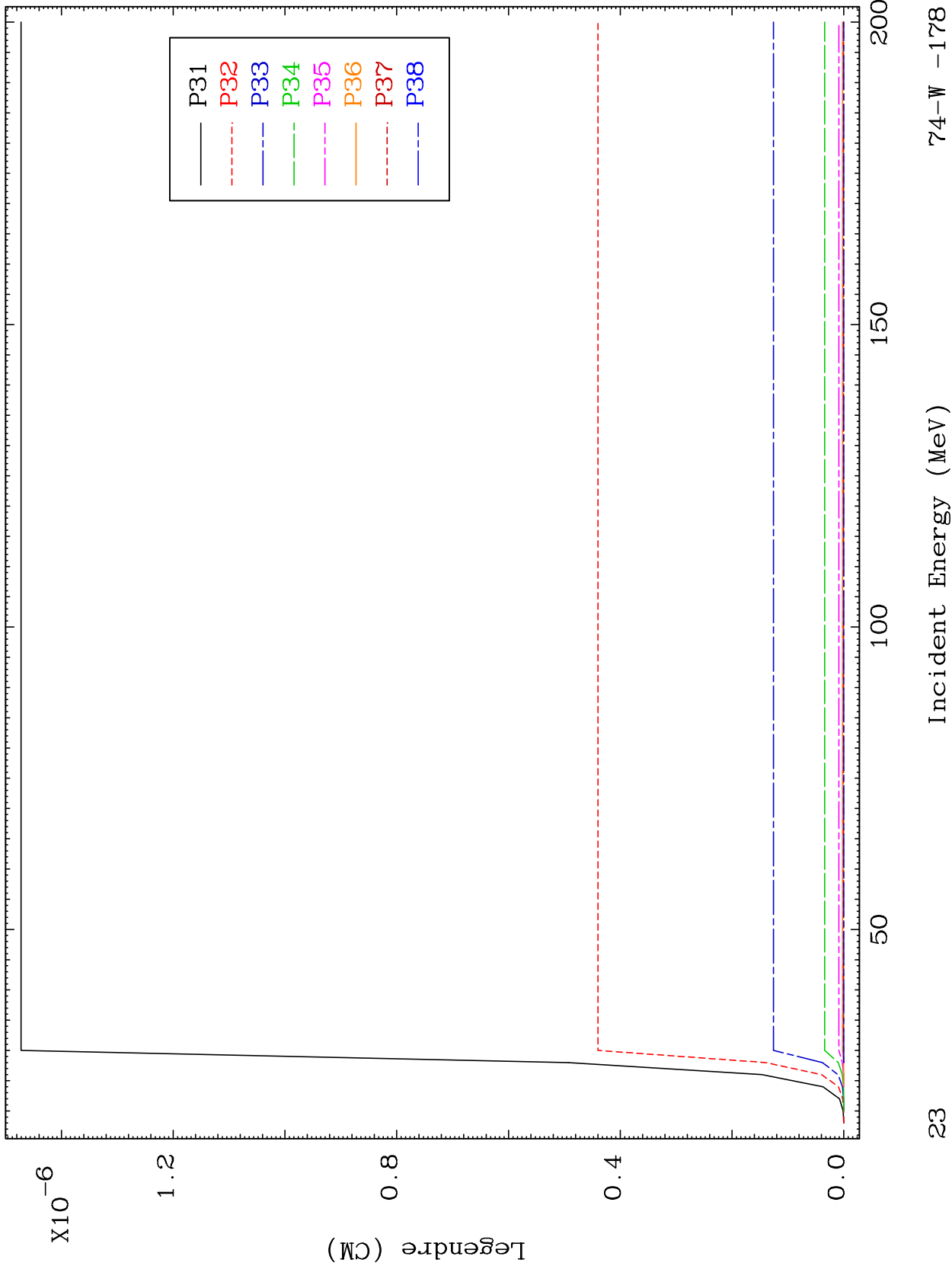
105.9 keV (n, n') Level  
Legendre Coefficients

74-W -178

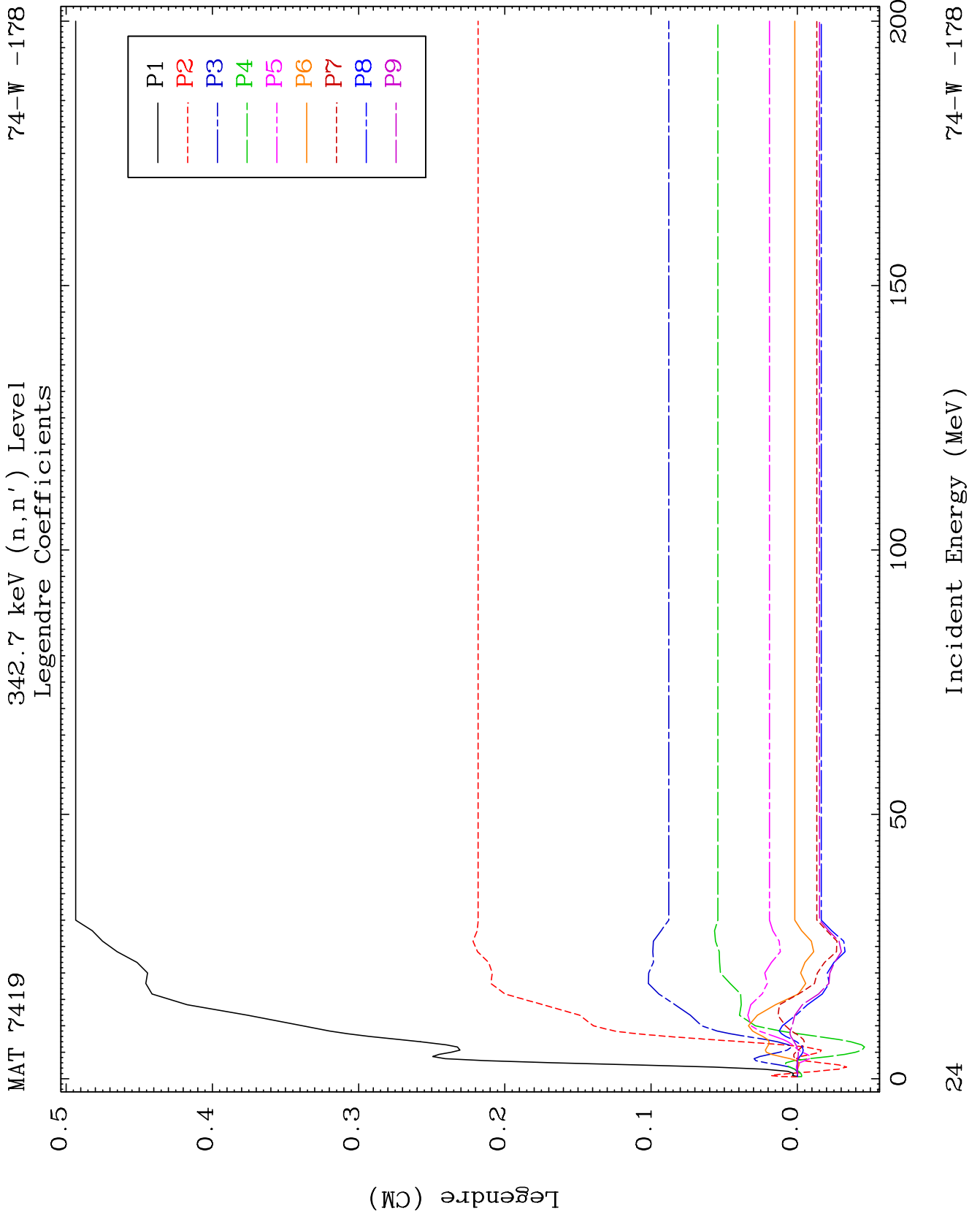








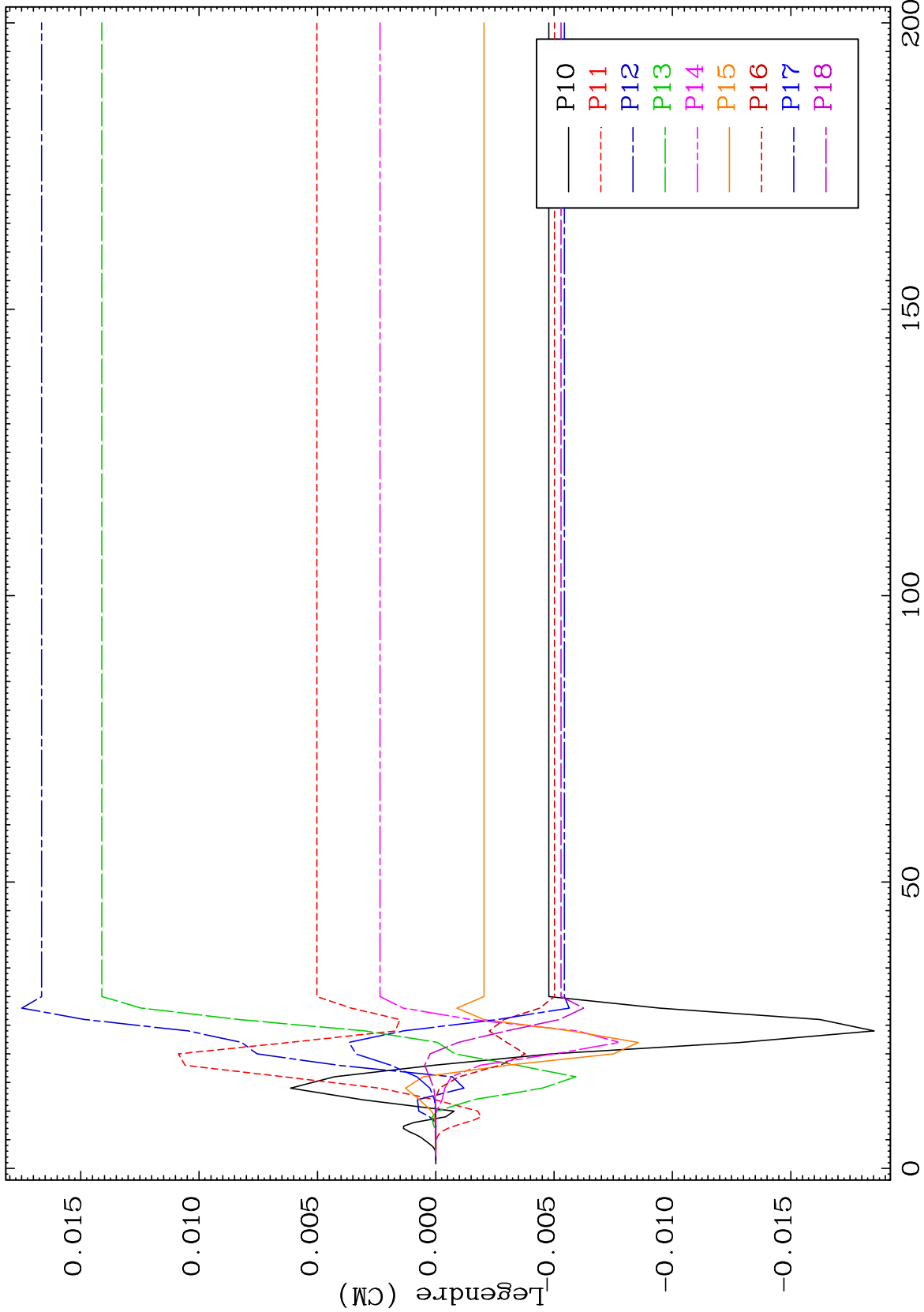




MAT 7419

342.7 keV (n,n') Level  
Legendre Coefficients

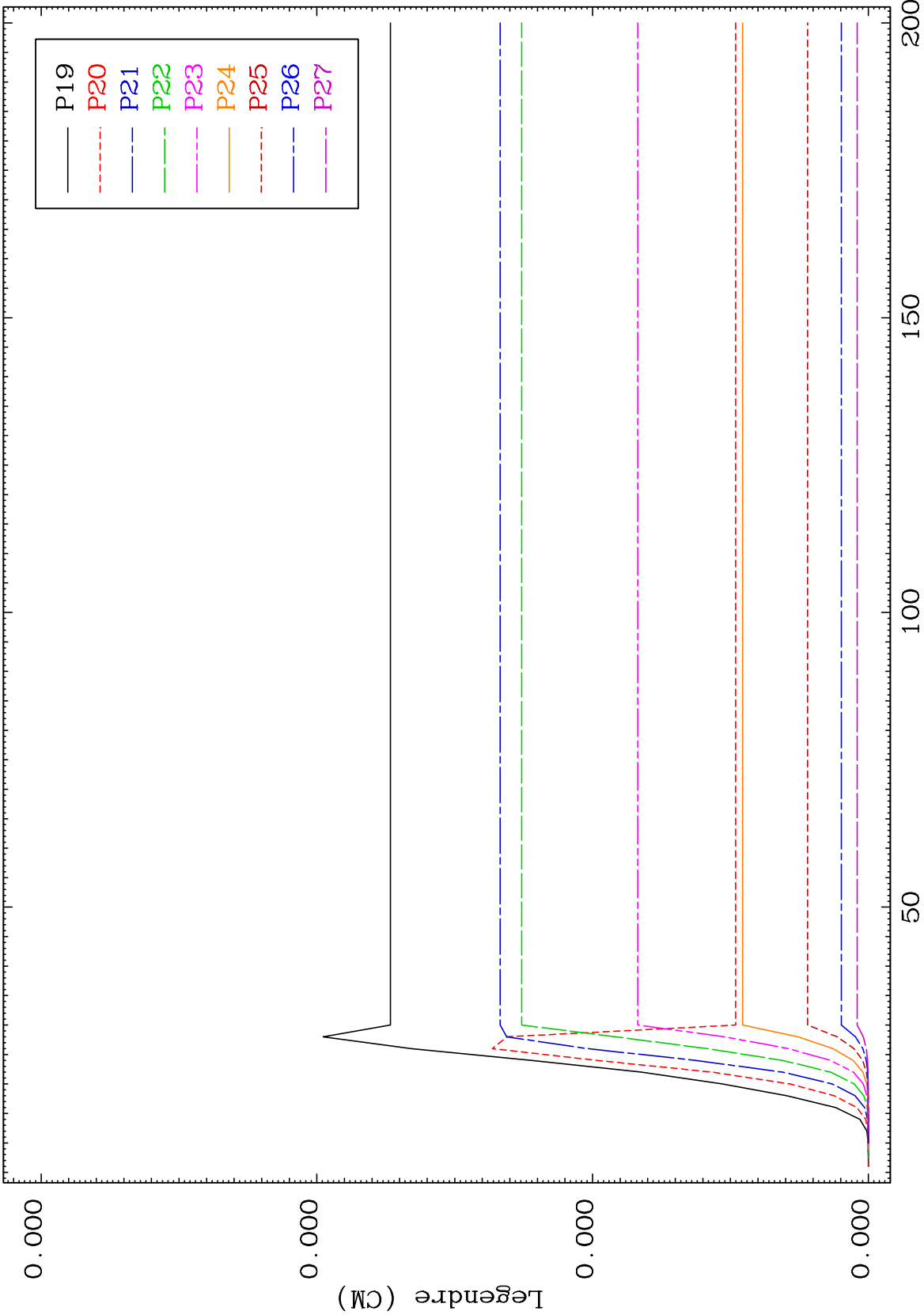
74-W -178

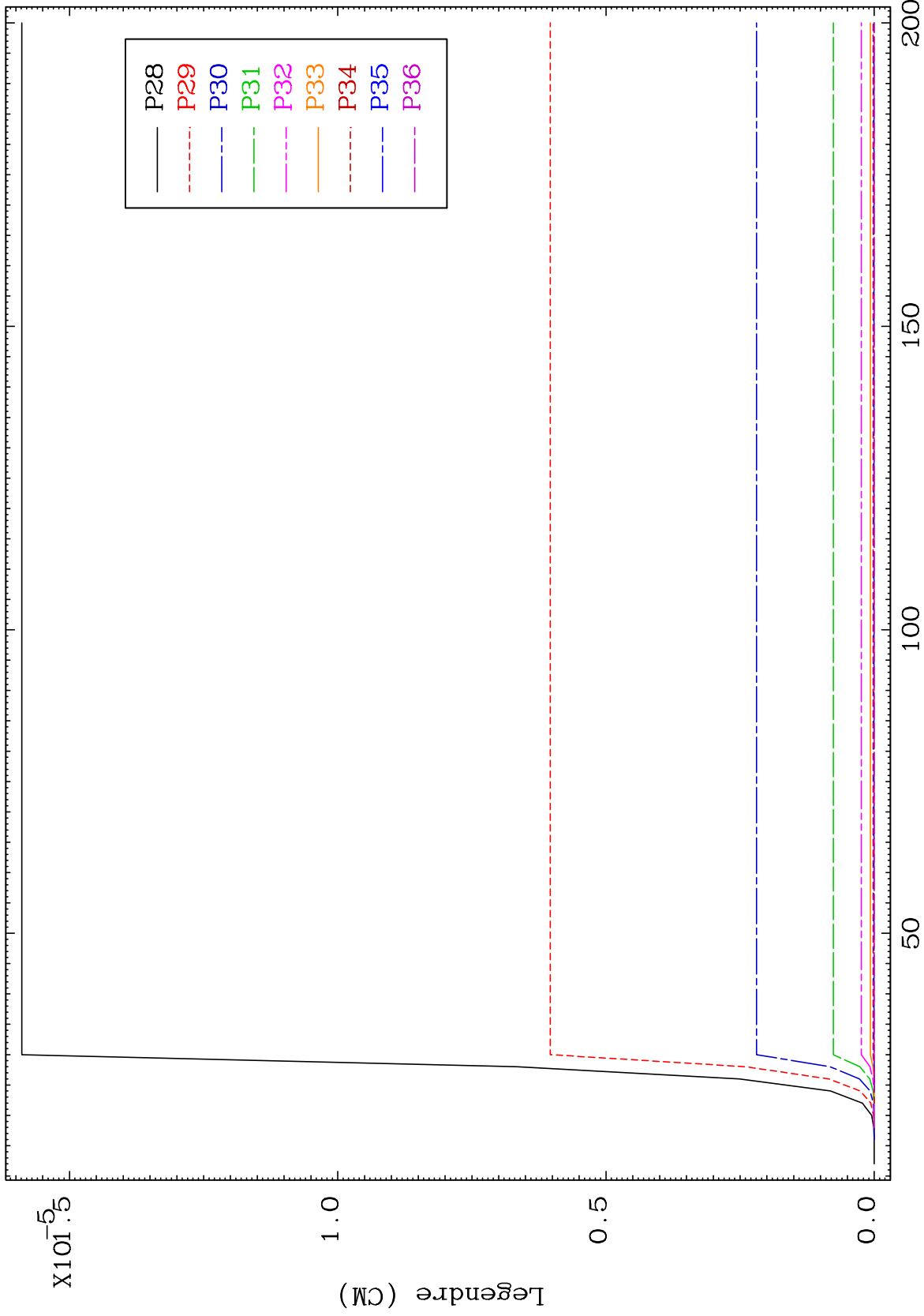


25

Incident Energy (MeV)

74-W -178

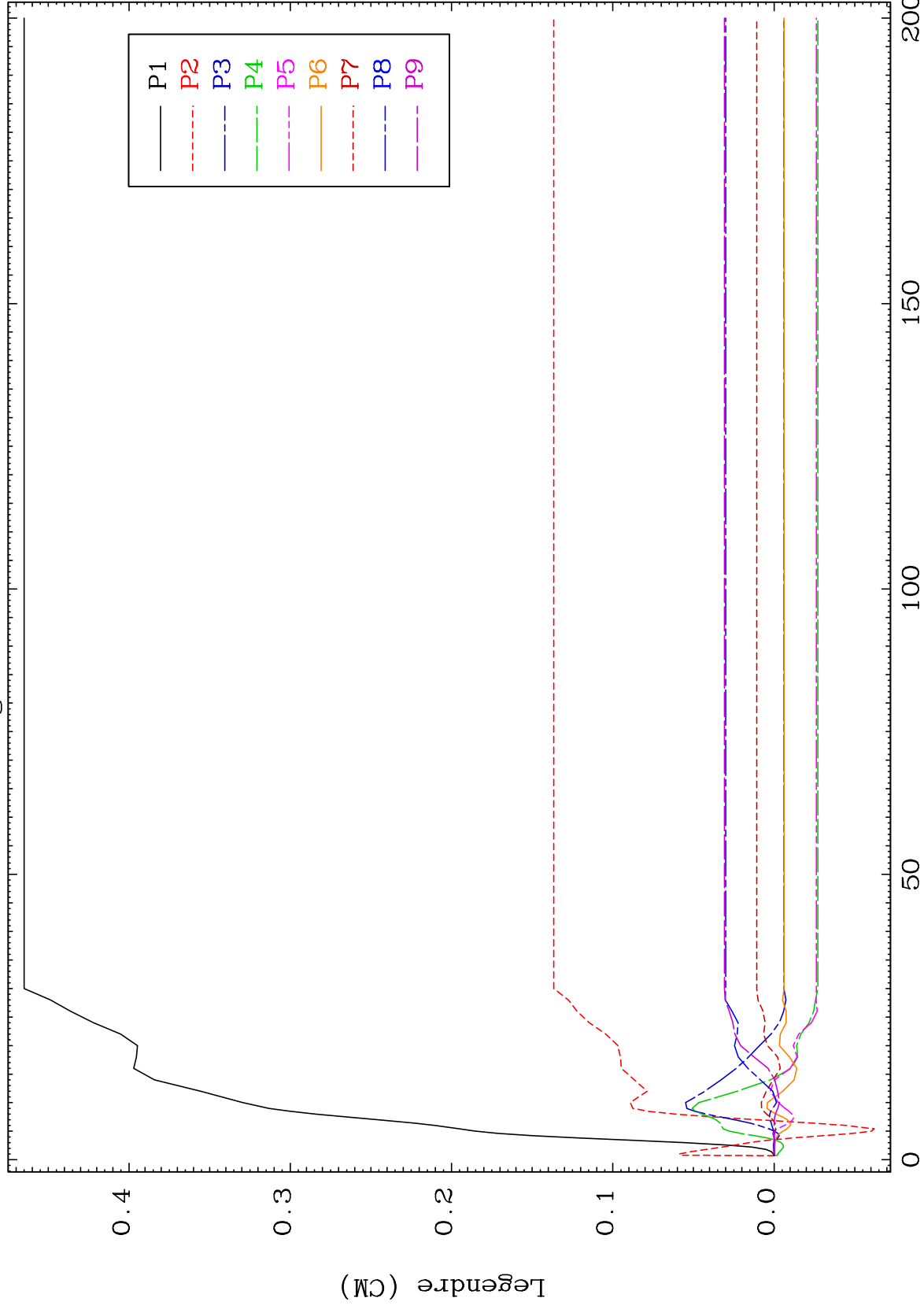




MAT 7419

694.2 keV (n,n') Level  
Legendre Coefficients

74-W -178



74-W -178

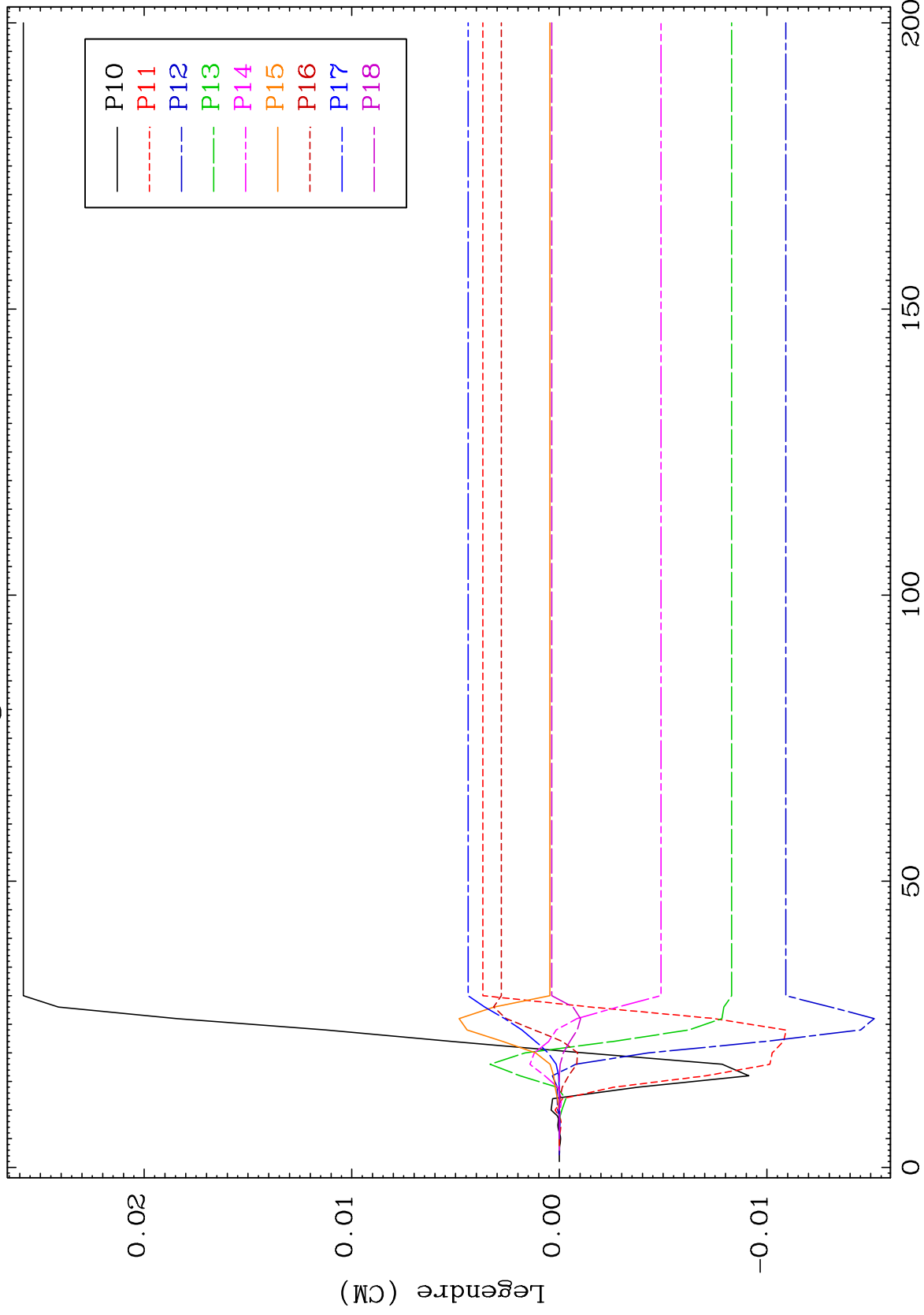
Incident Energy (MeV)

28

MAT 7419

694.2 keV (n,n') Level  
Legendre Coefficients

74-W -178



29

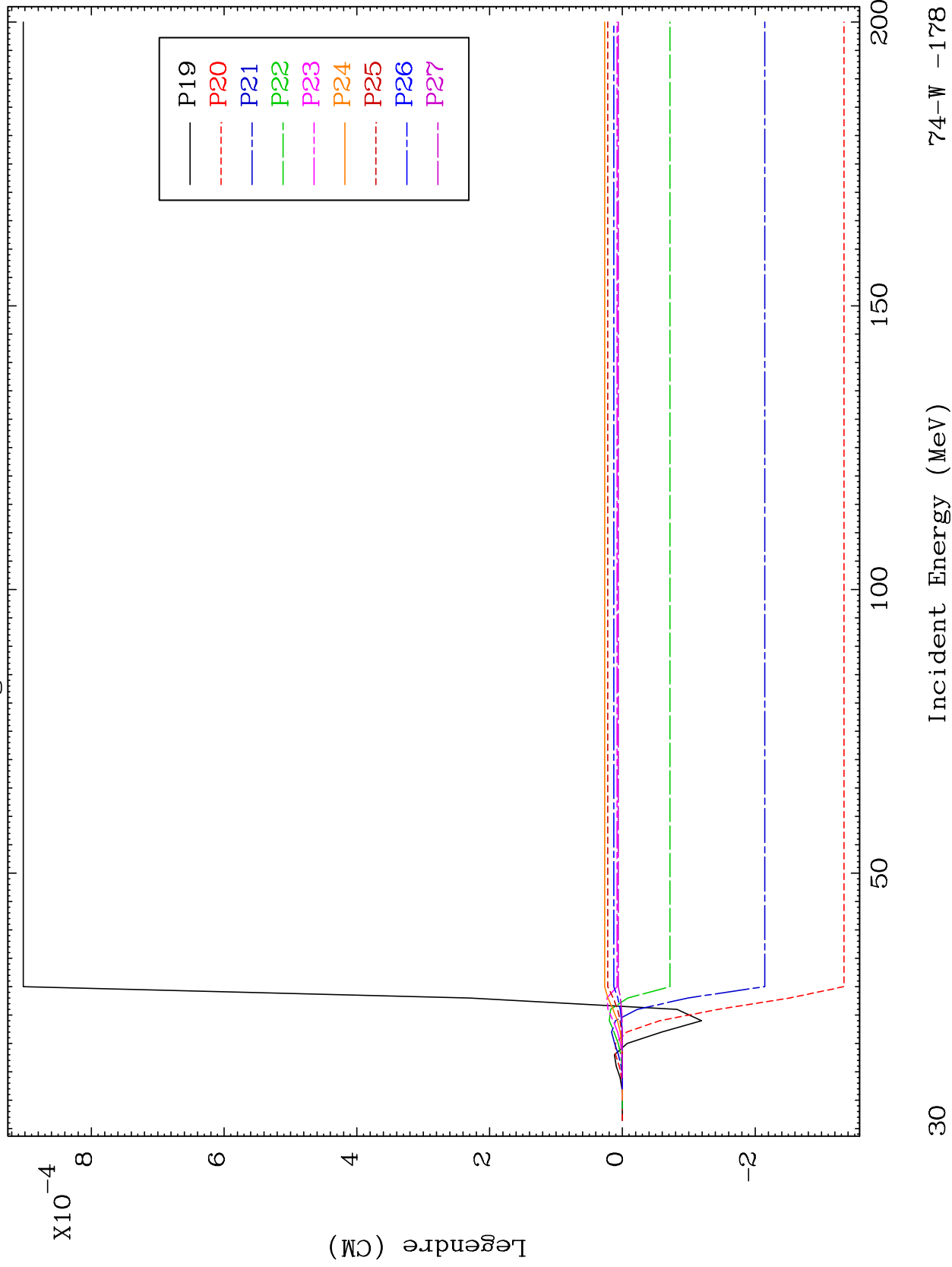
Incident Energy (MeV)

74-W -178

MAT 7419

694.2 keV (n,n') Level  
Legendre Coefficients

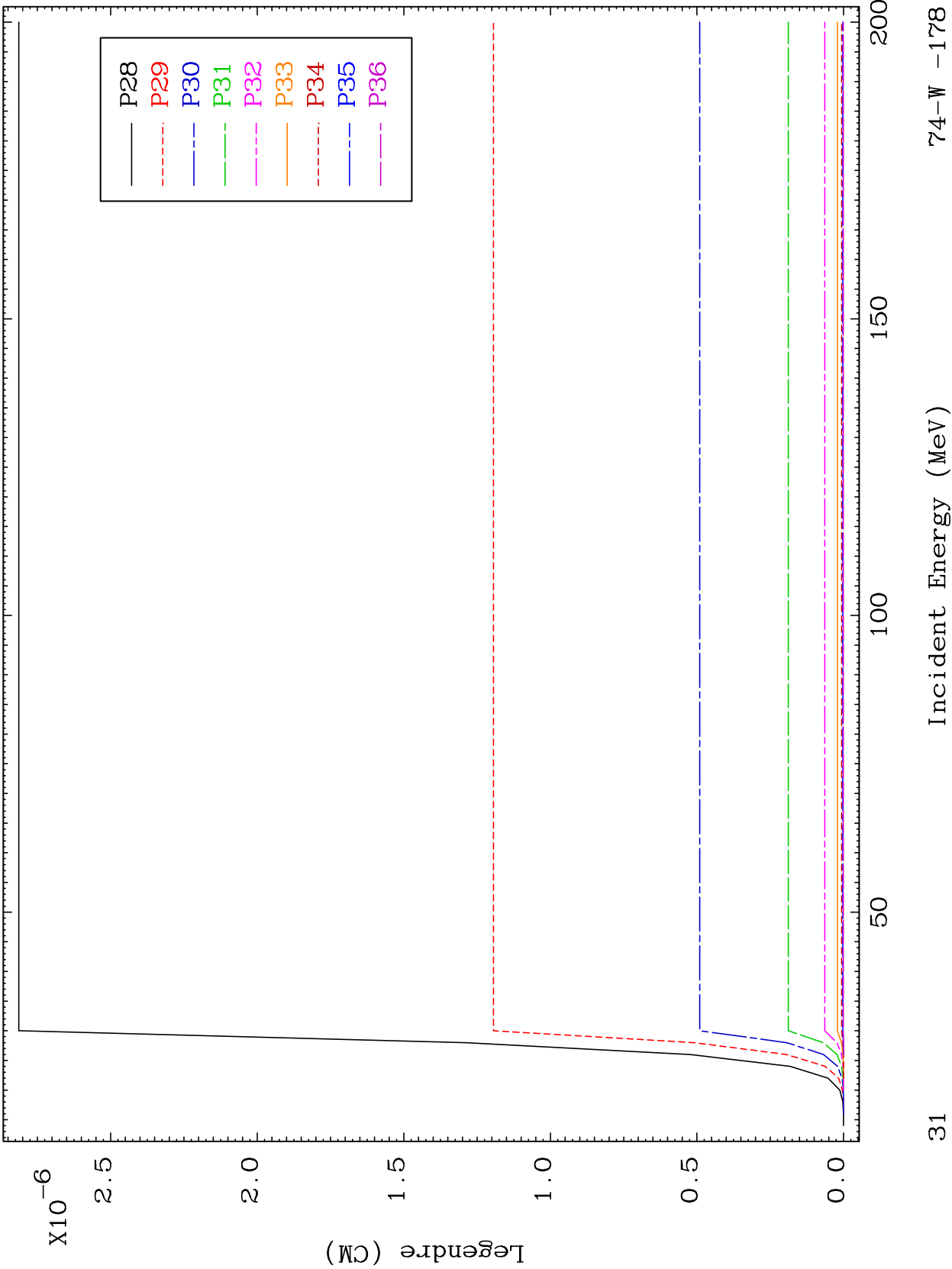
74-W -178



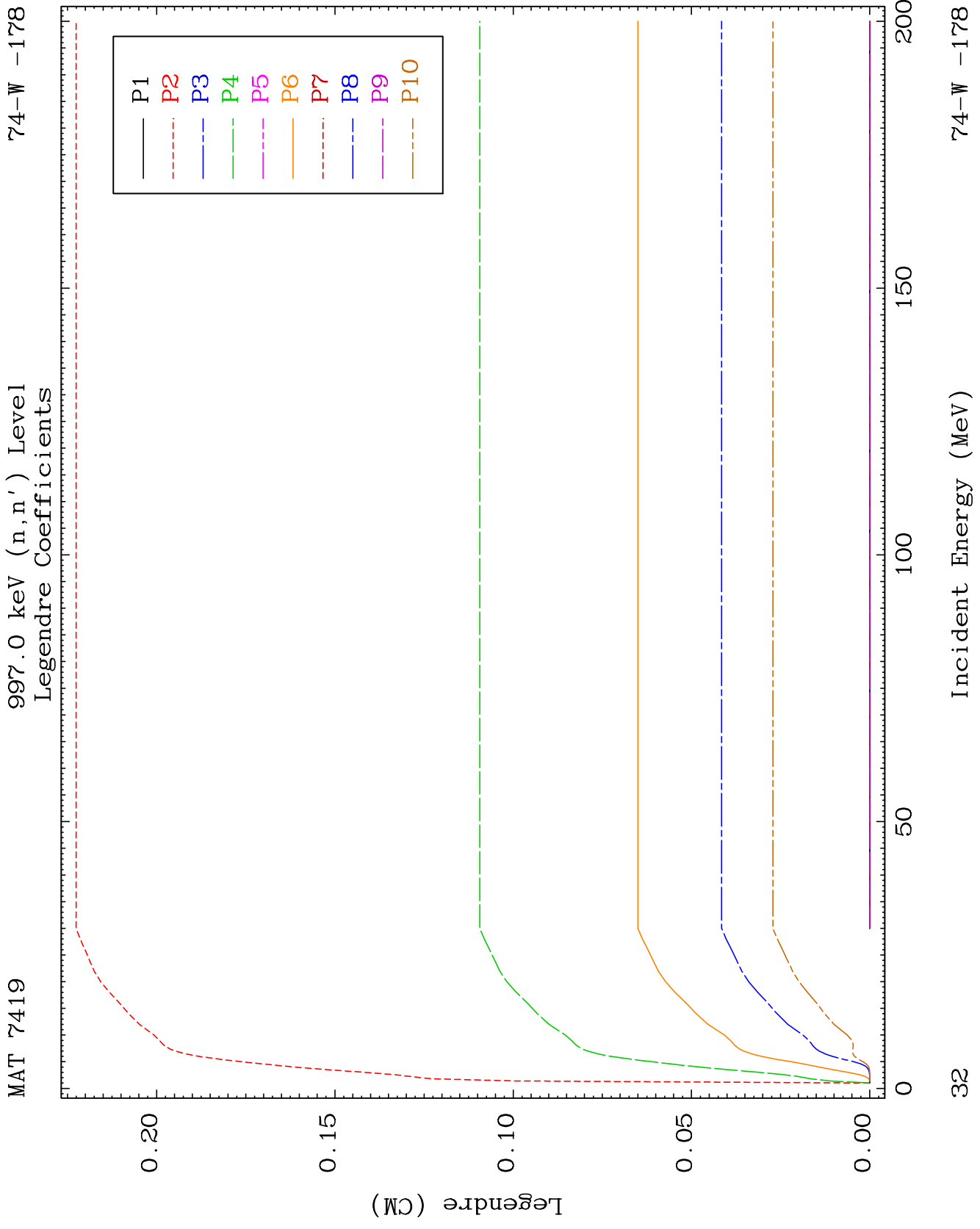
30

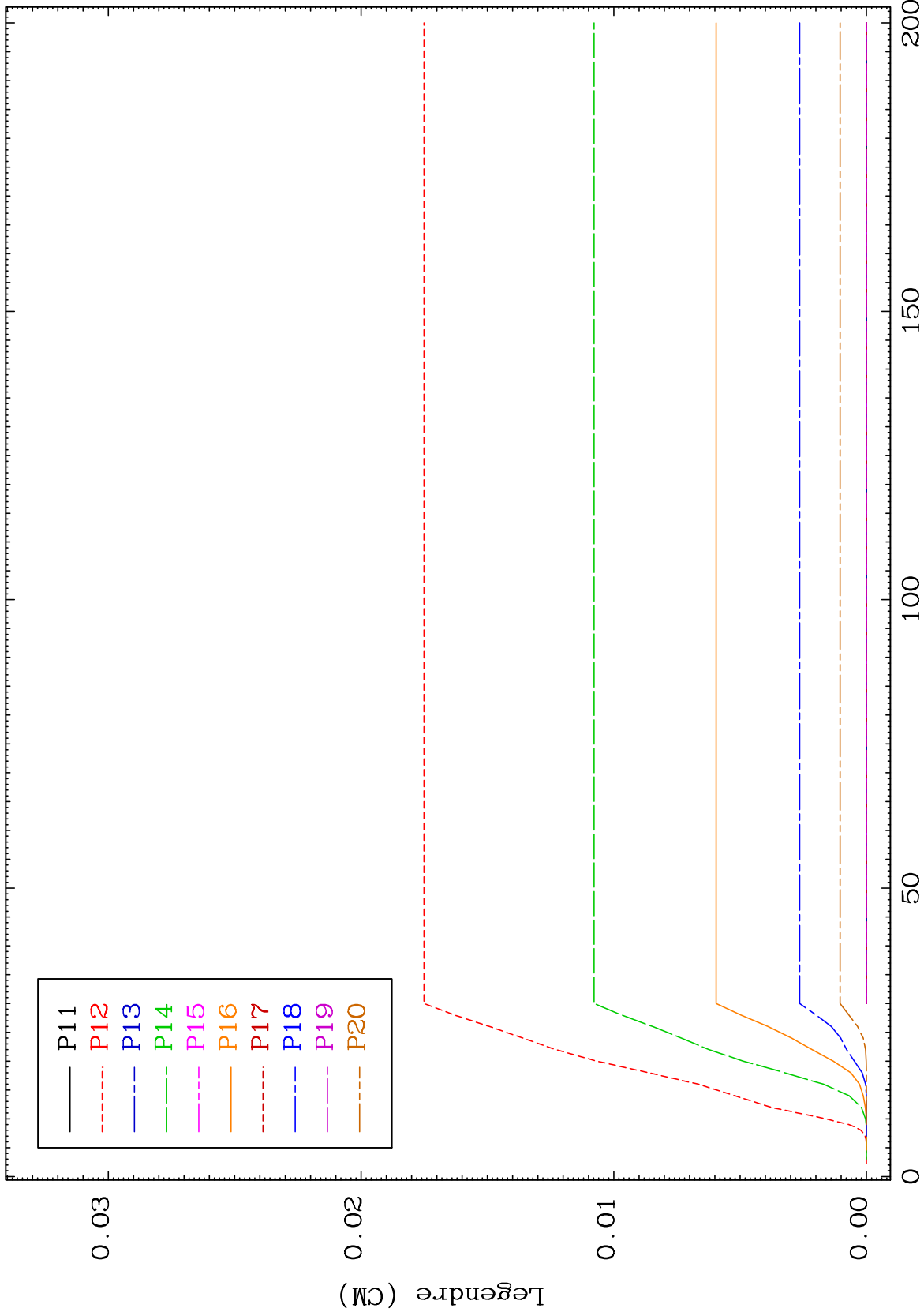
Incident Energy (MeV)

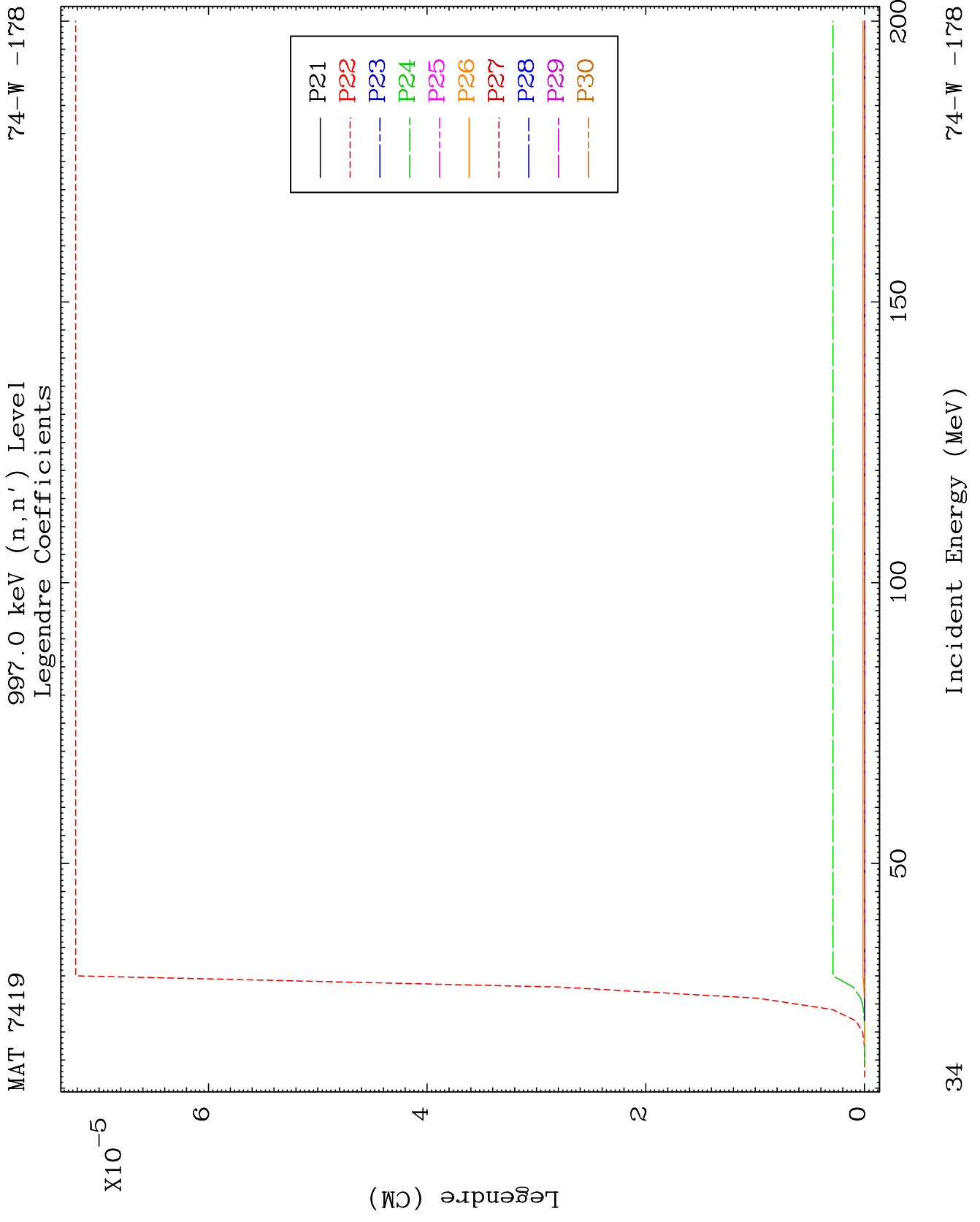
74-W -178







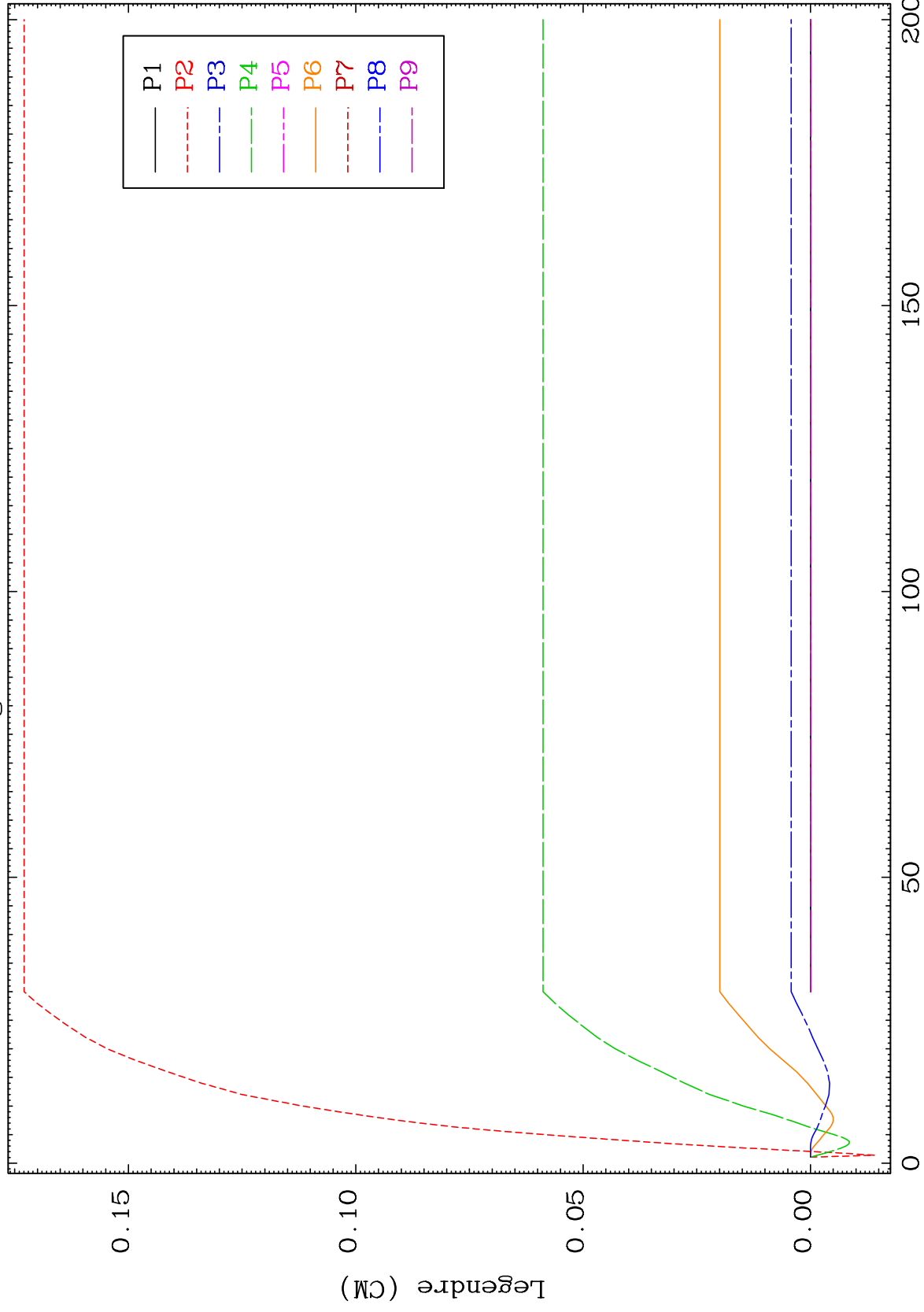




MAT 7419

1.045 MeV (n,n') Level  
Legendre Coefficients

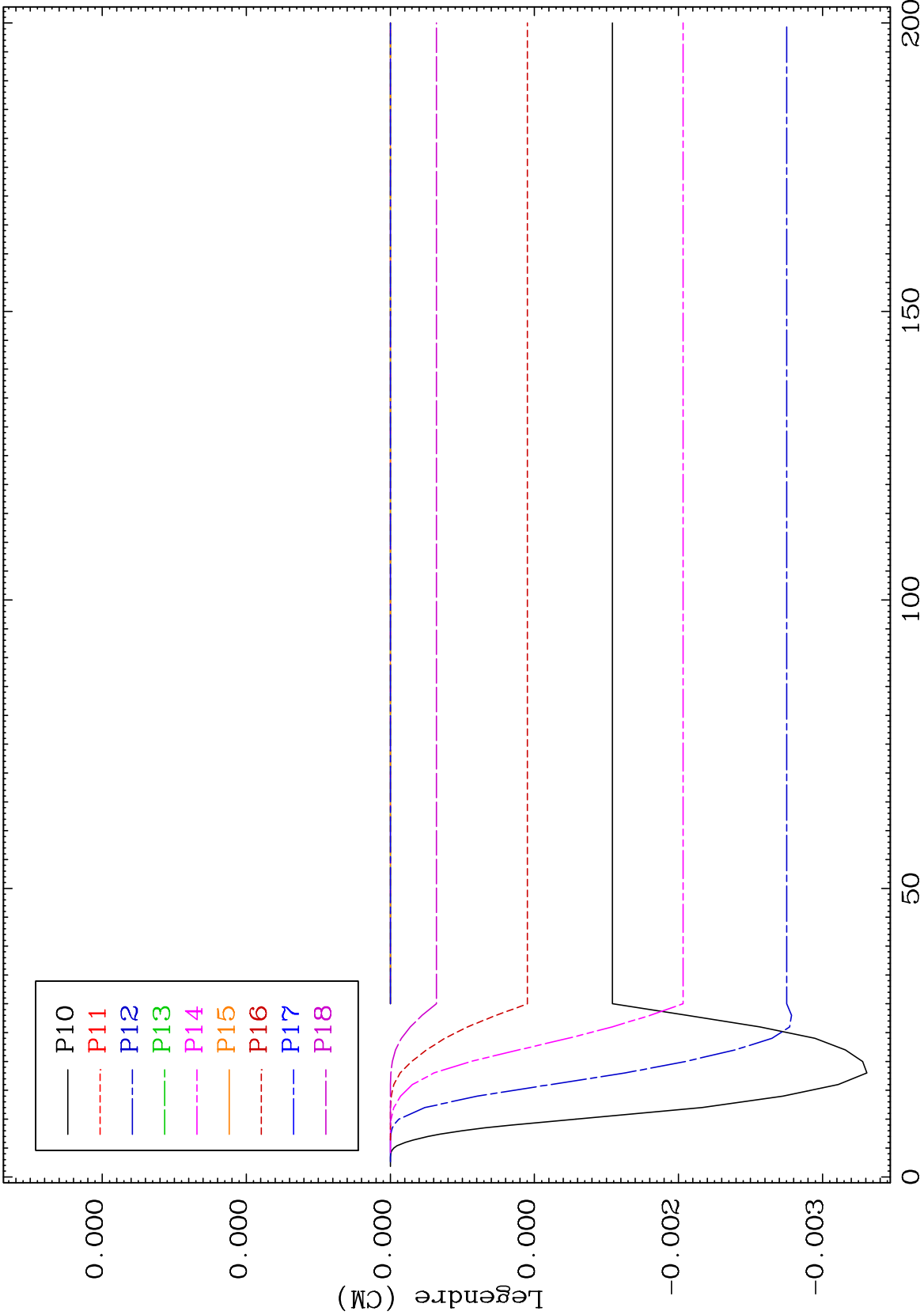
74-W -178



35

Incident Energy (MeV)

74-W -178

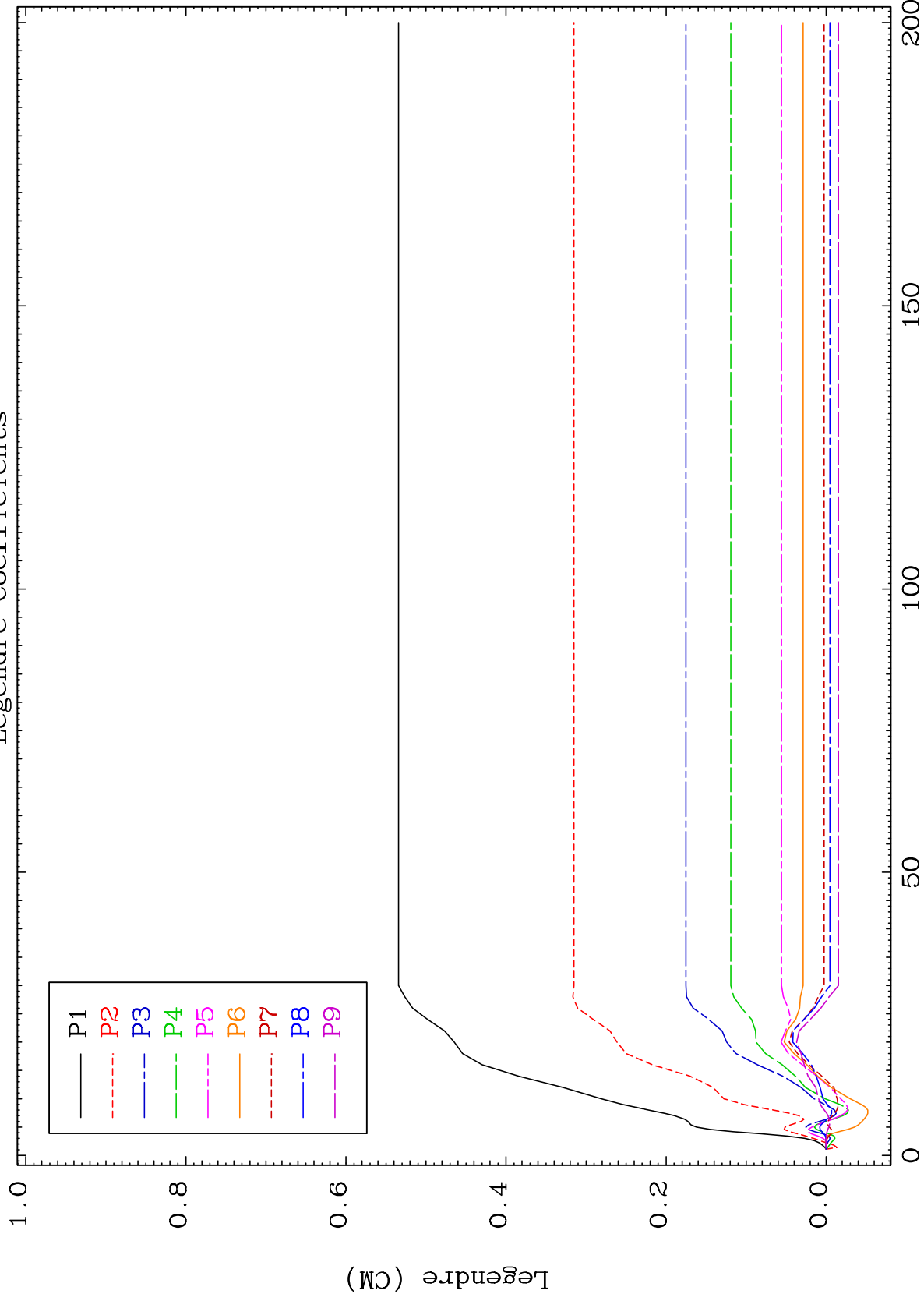




MAT 7419

1.082 MeV (n,n') Level  
Legendre Coefficients

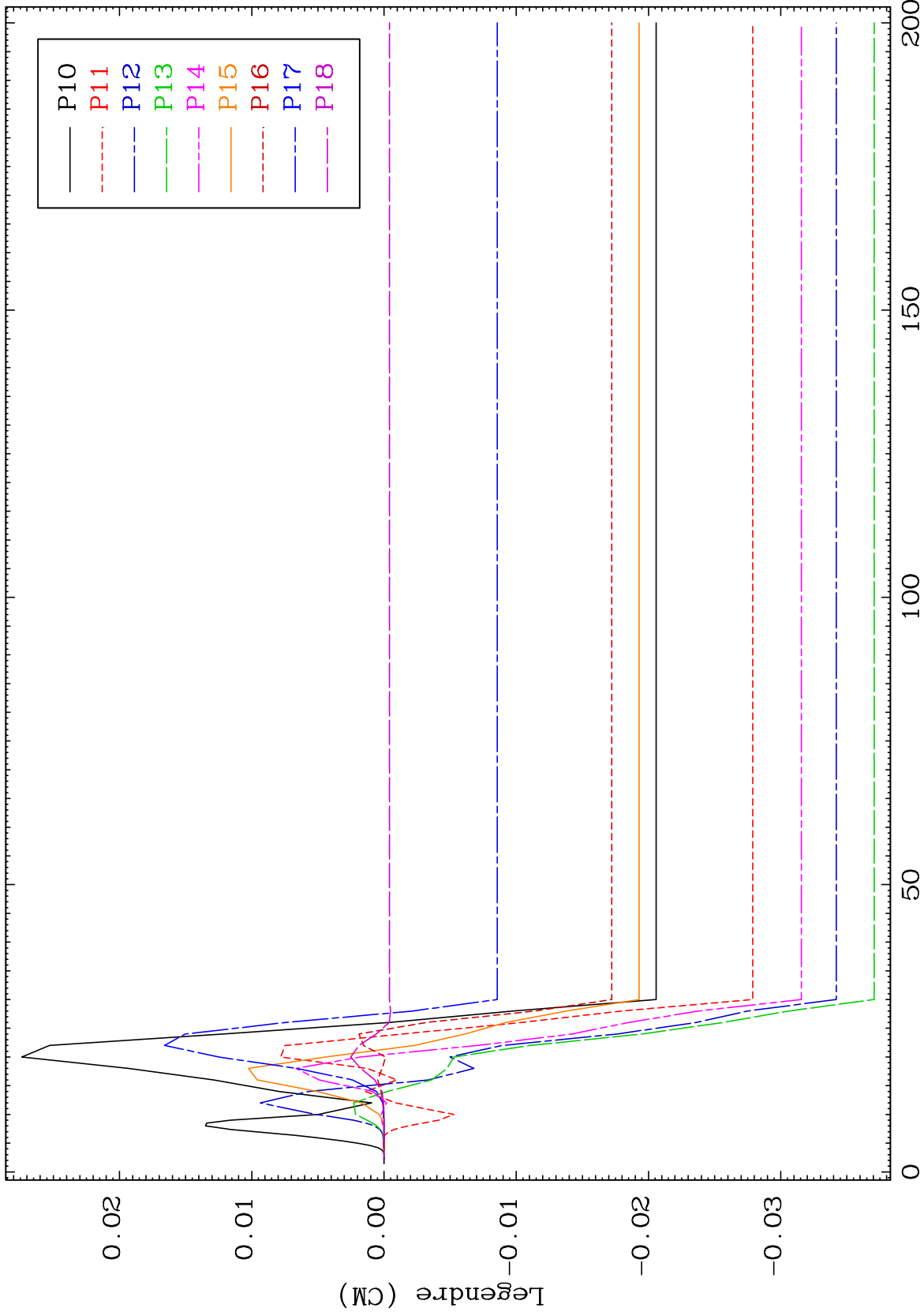
74-W -178



Incident Energy (MeV)

74-W -178

38

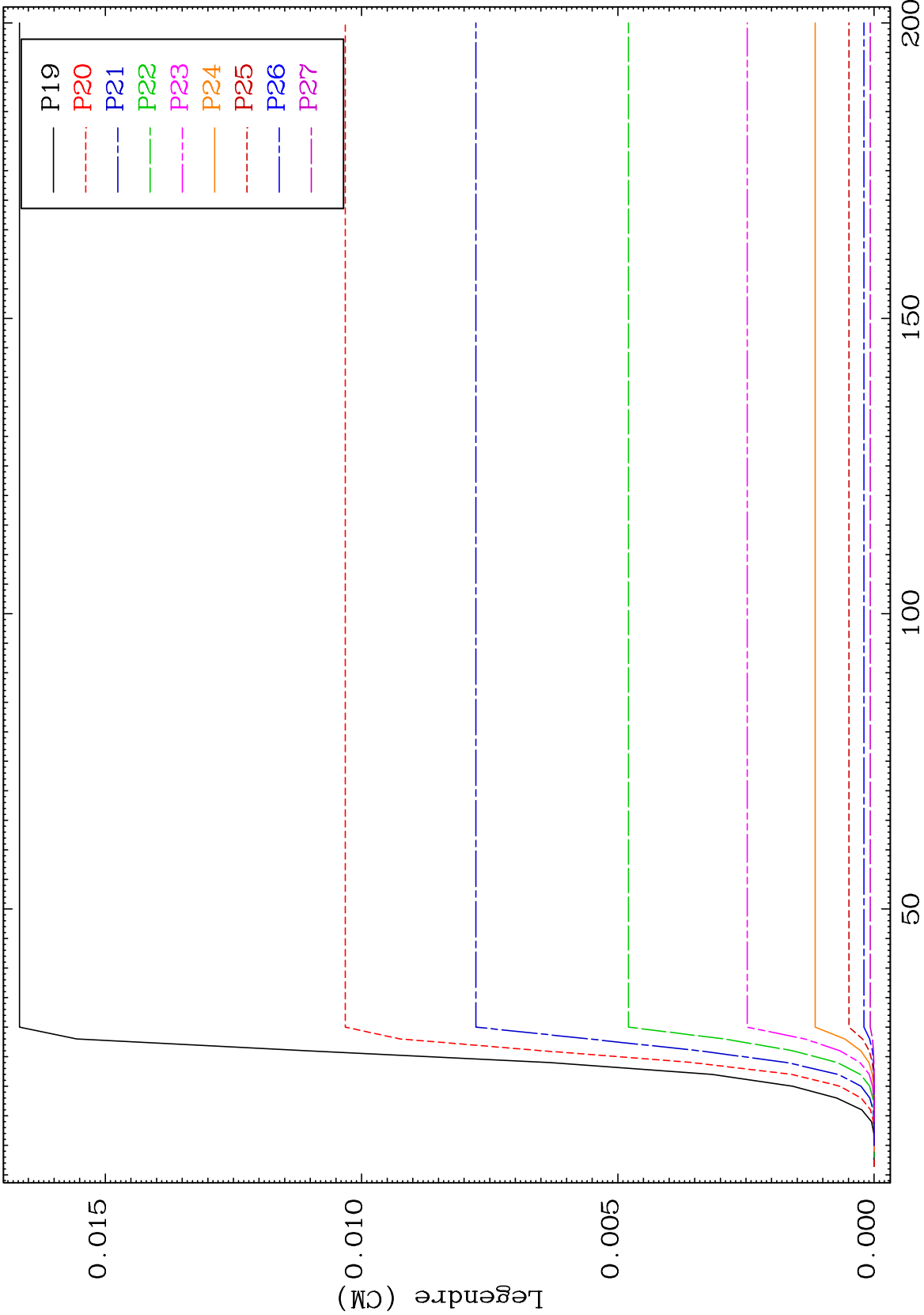




MAT 7419

1.082 MeV (n,n') Level  
Legendre Coefficients

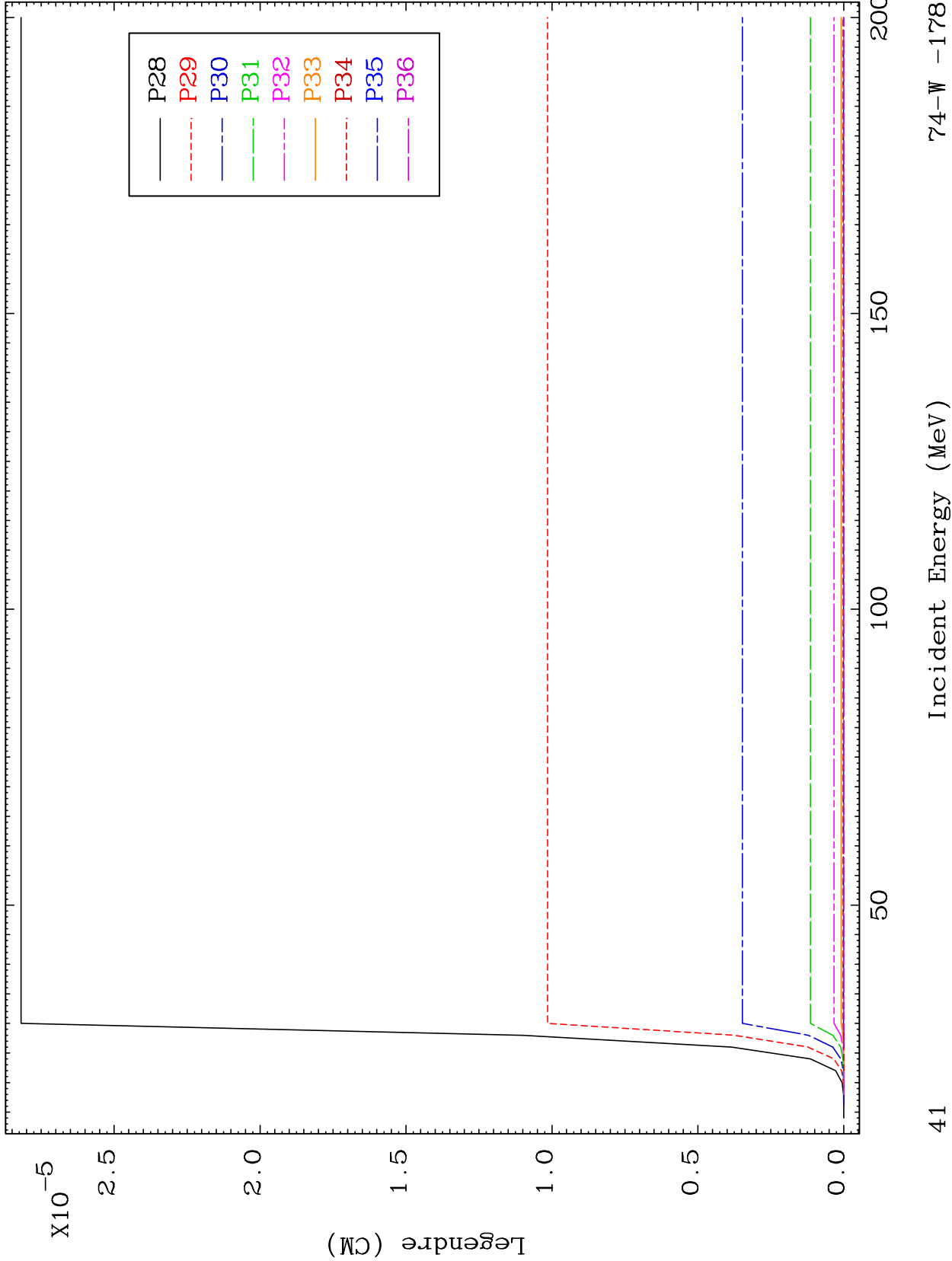
74-W -178



40

Incident Energy (MeV)

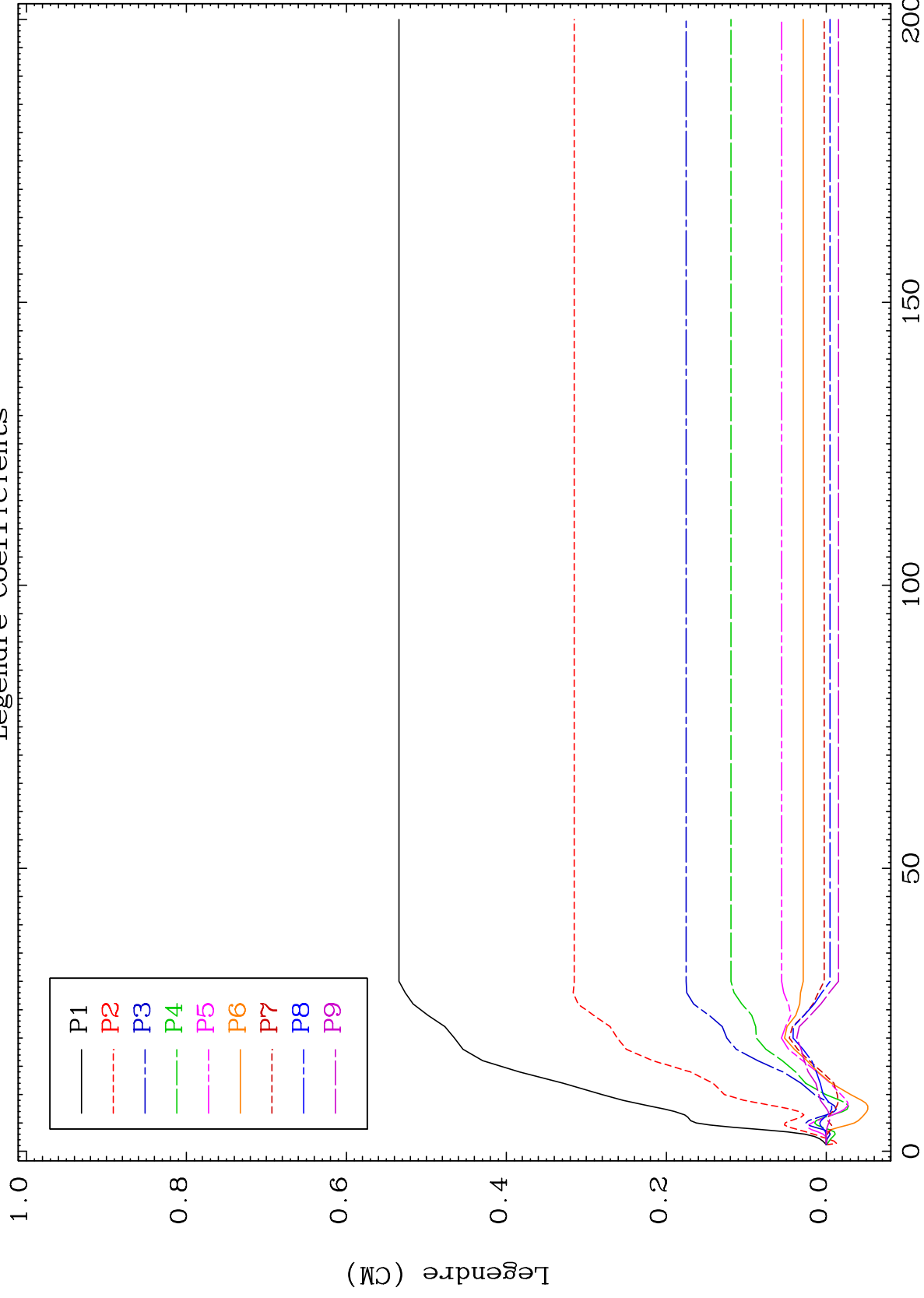
74-W -178



MAT 7419

1.110 MeV (n,n') Level  
Legendre Coefficients

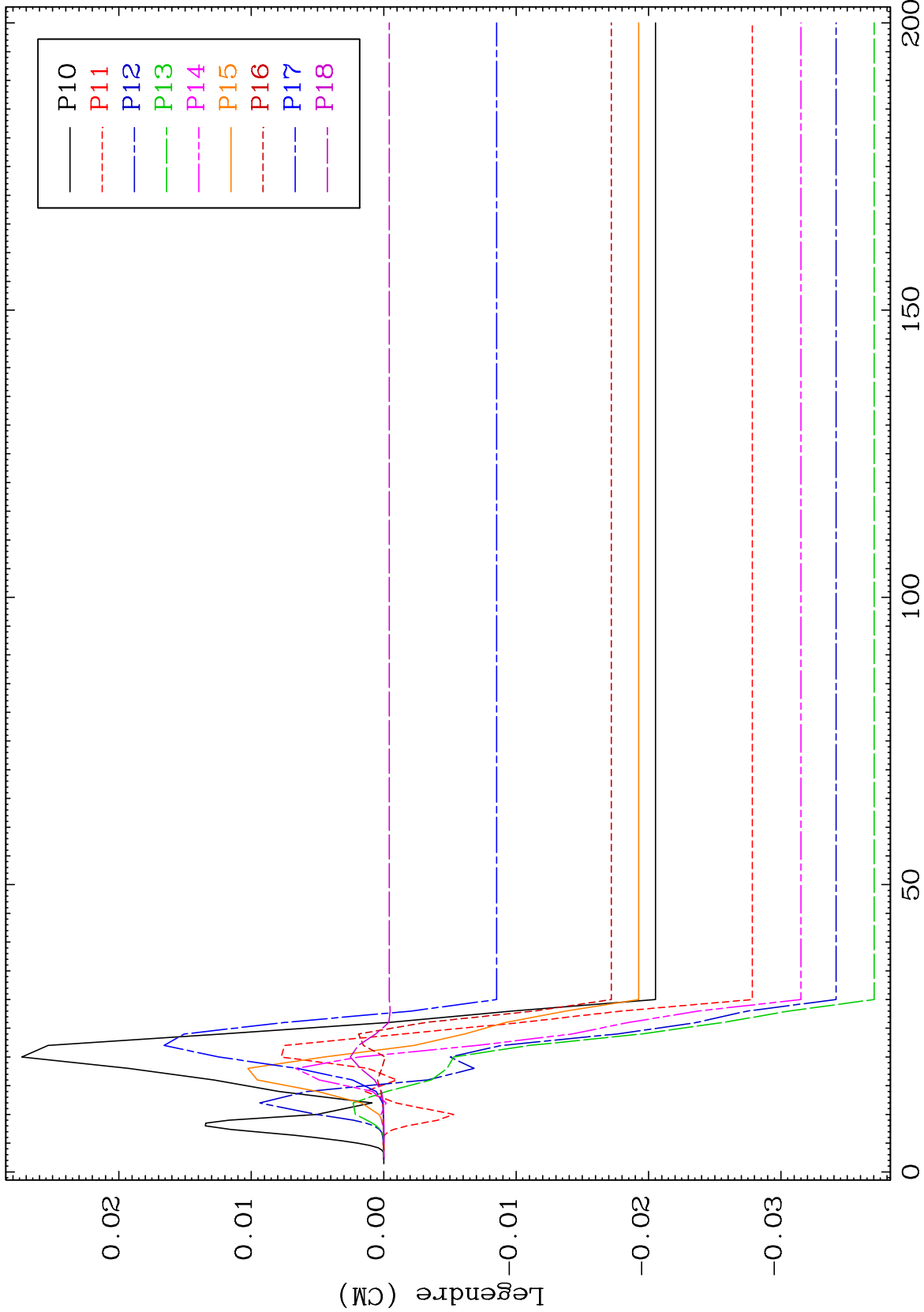
74-W -178

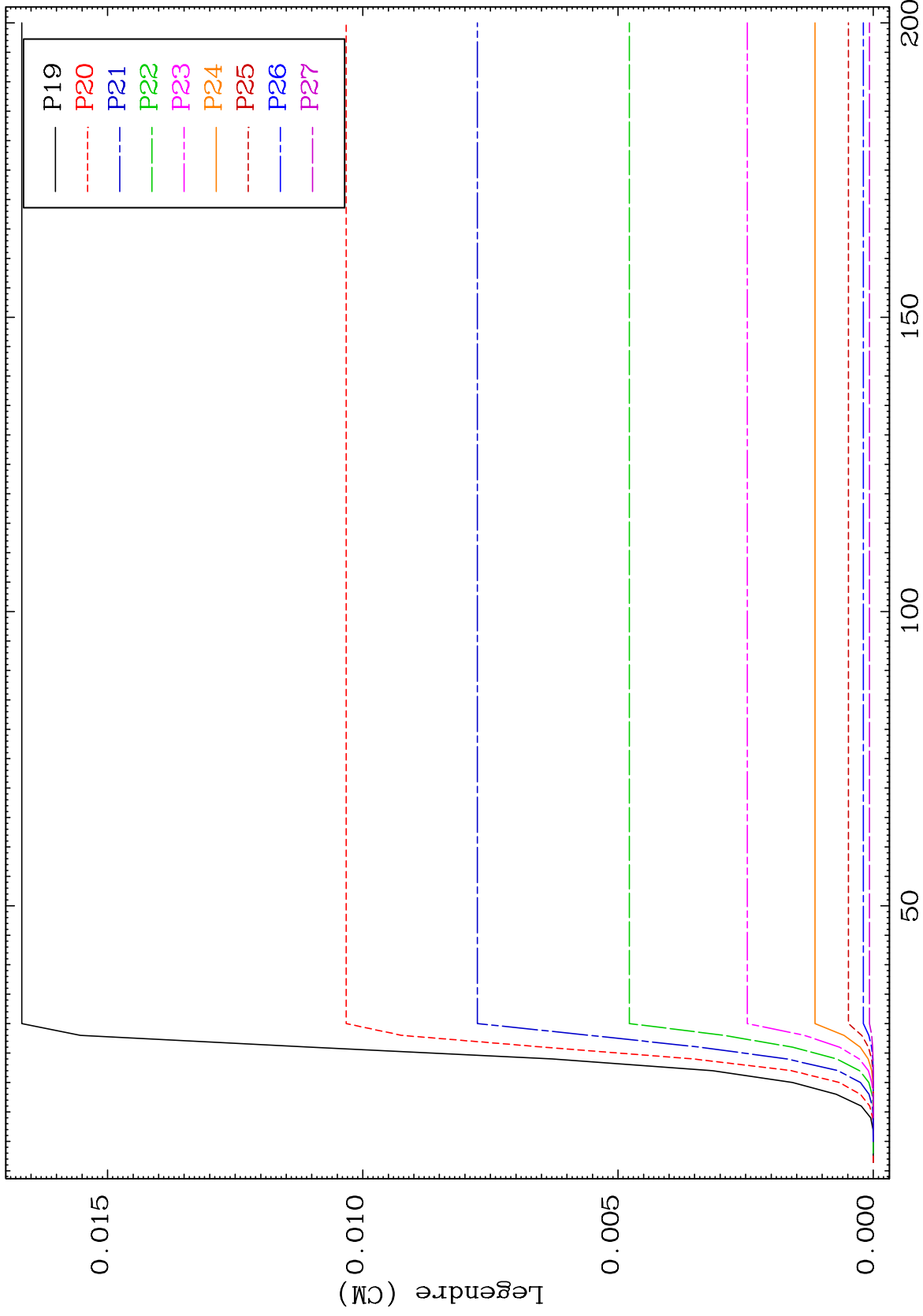


Incident Energy (MeV)

74-W -178

42

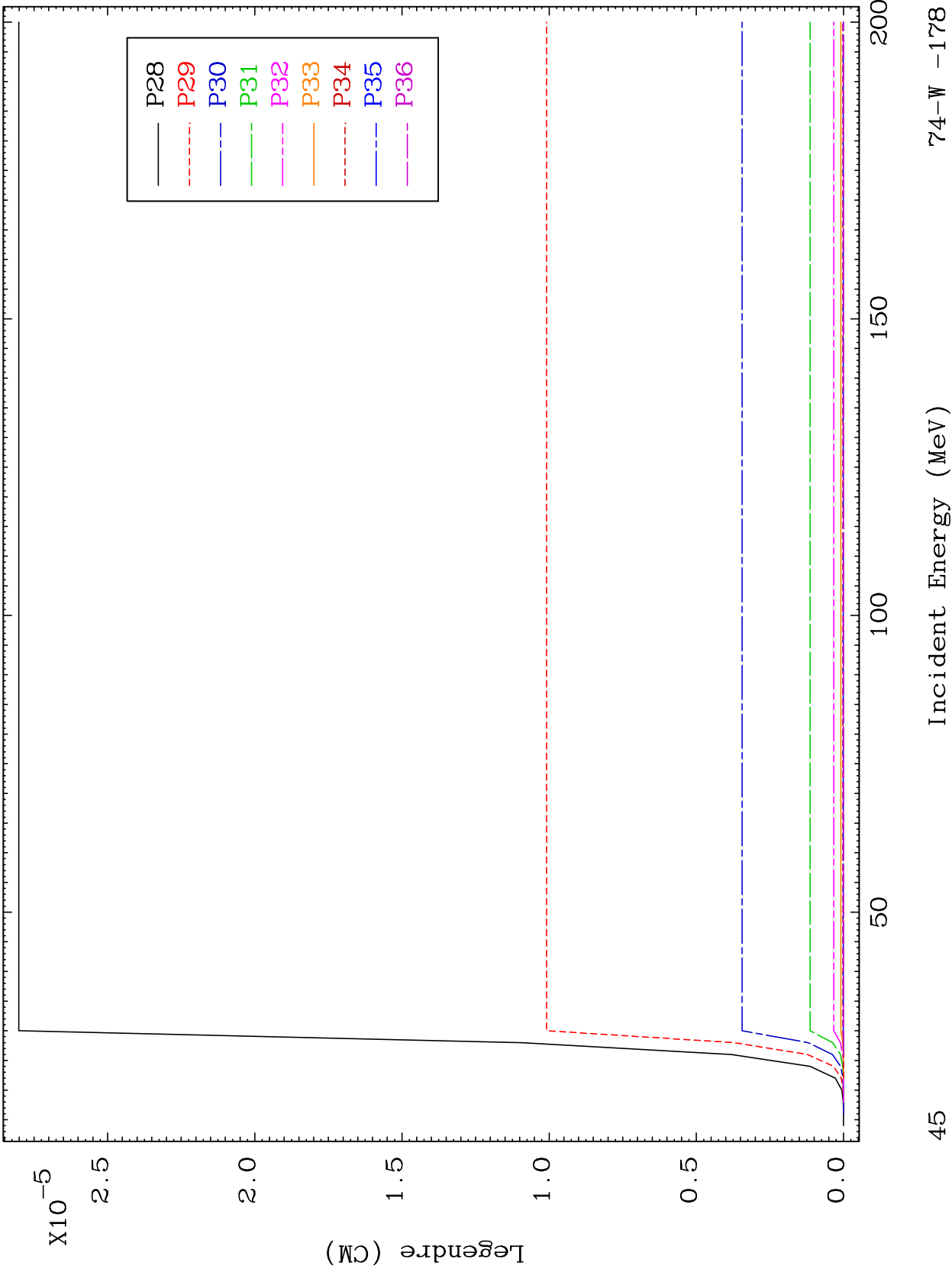




MAT 7419

1.110 MeV (n,n') Level  
Legendre Coefficients

74-W -178



45

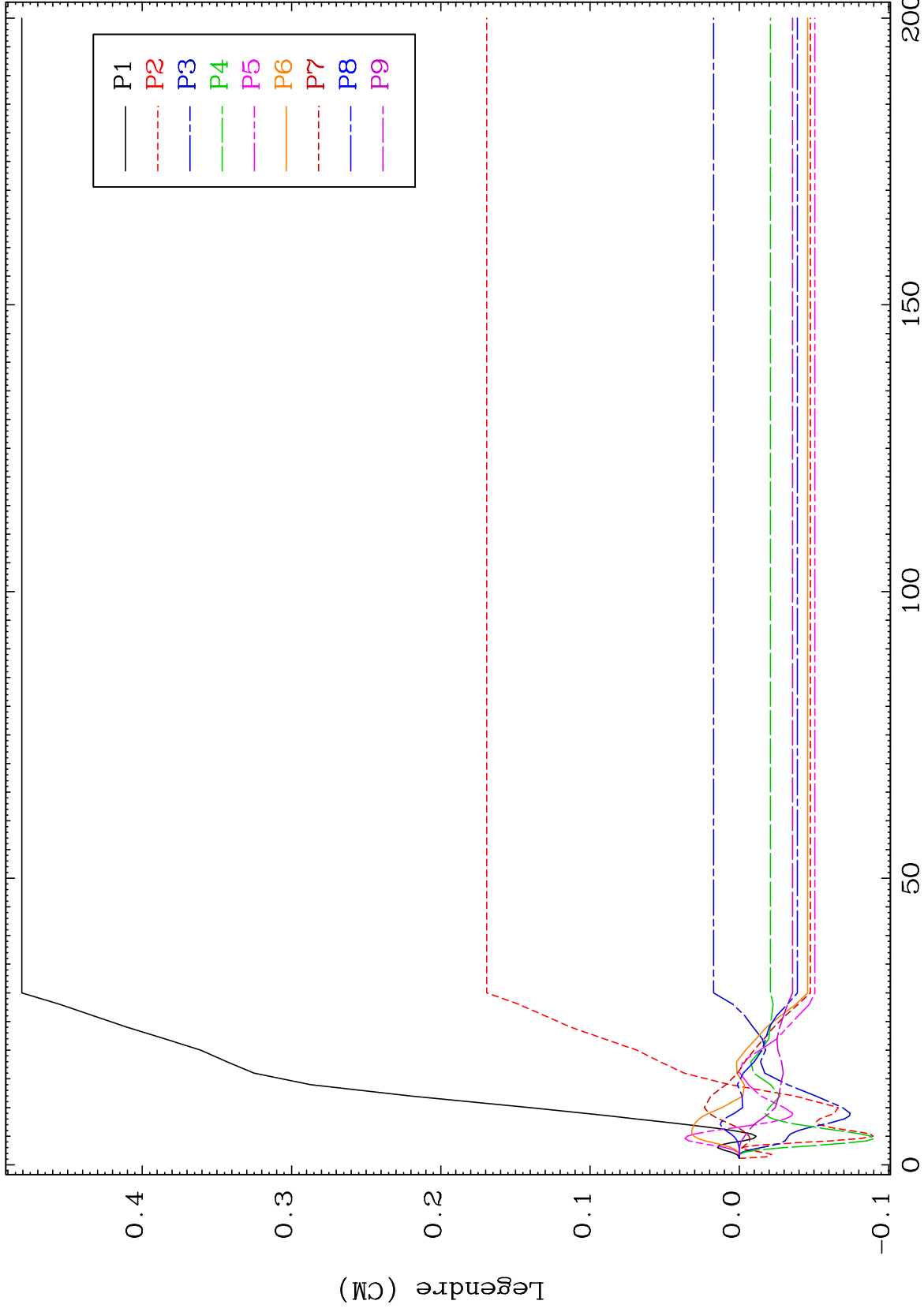
Incident Energy (MeV)

74-W -178

MAT 7419

1.120 MeV (n,n') Level  
Legendre Coefficients

74-W -178



46

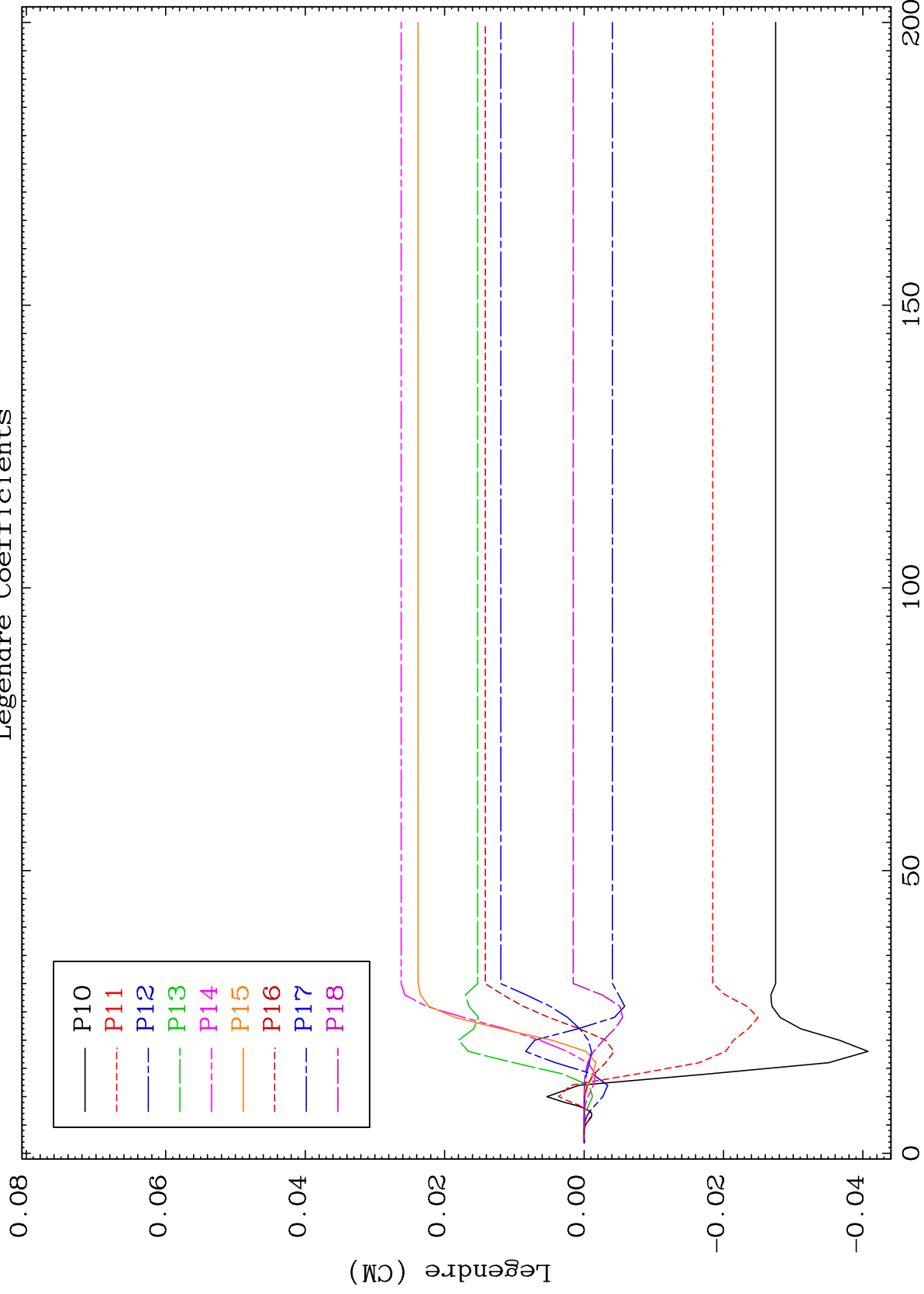
Incident Energy (MeV)

74-W -178

MAT 7419

1.120 MeV (n,n') Level  
Legendre Coefficients

74-W -178

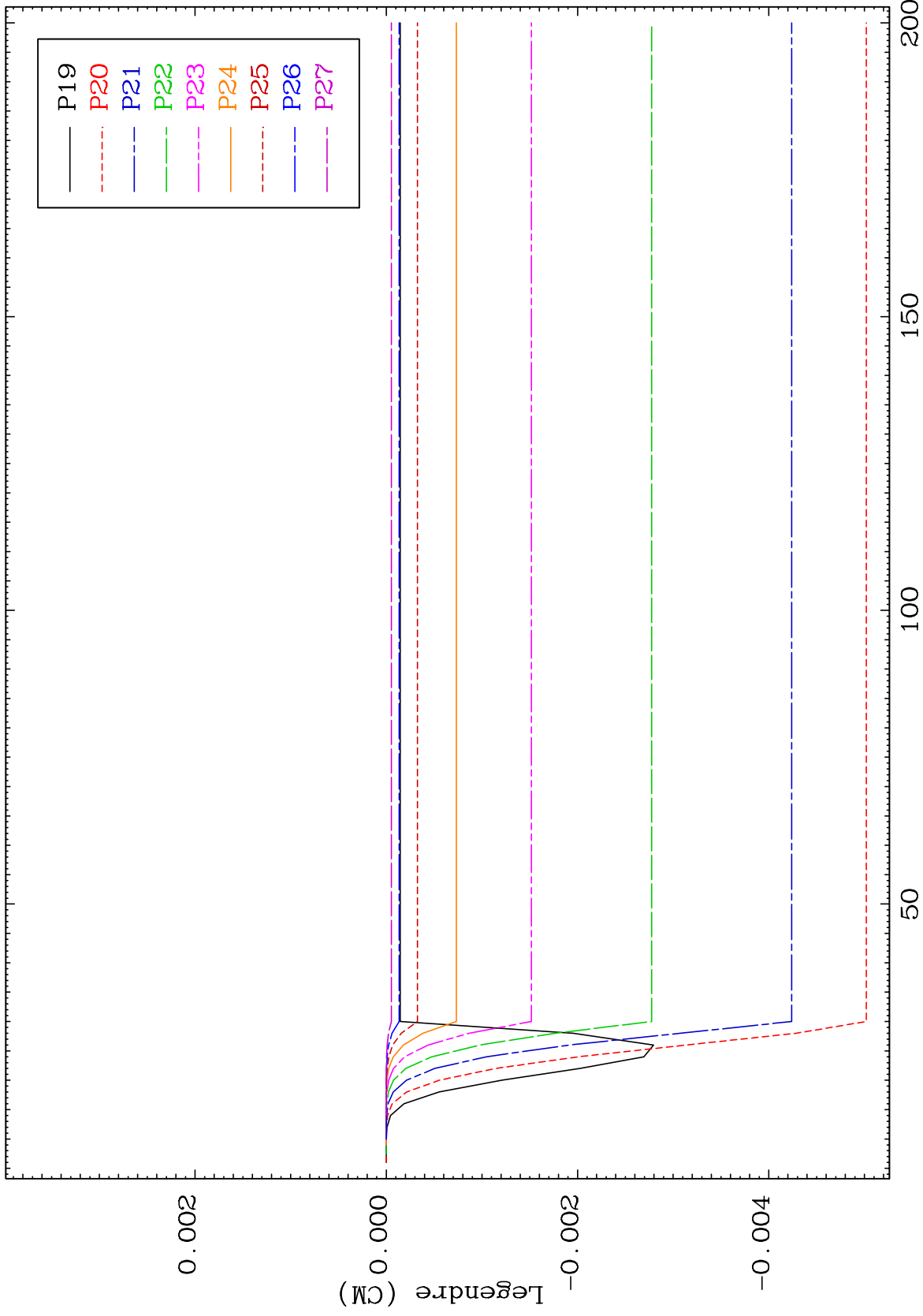


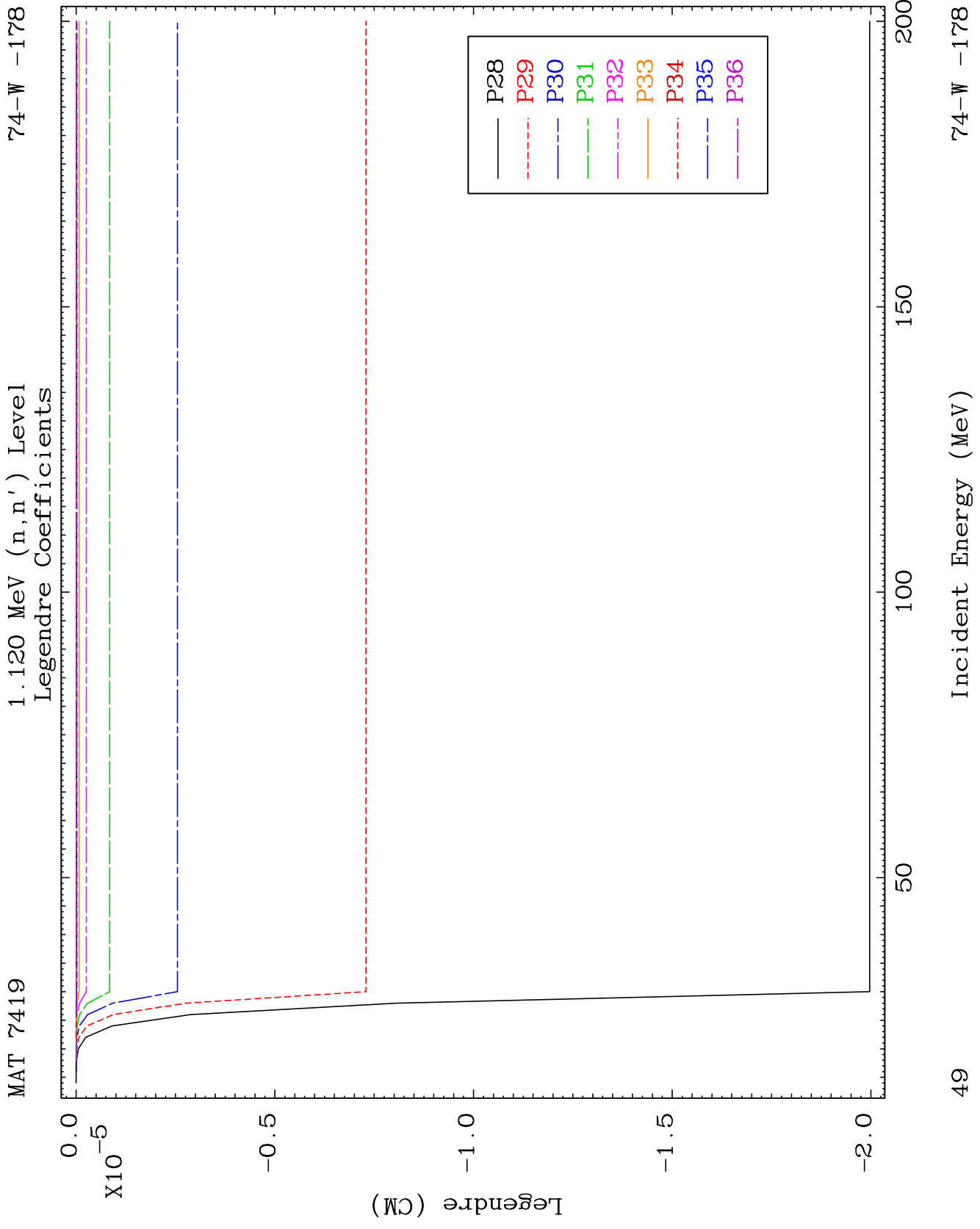
47

Incident Energy (MeV)

74-W -178



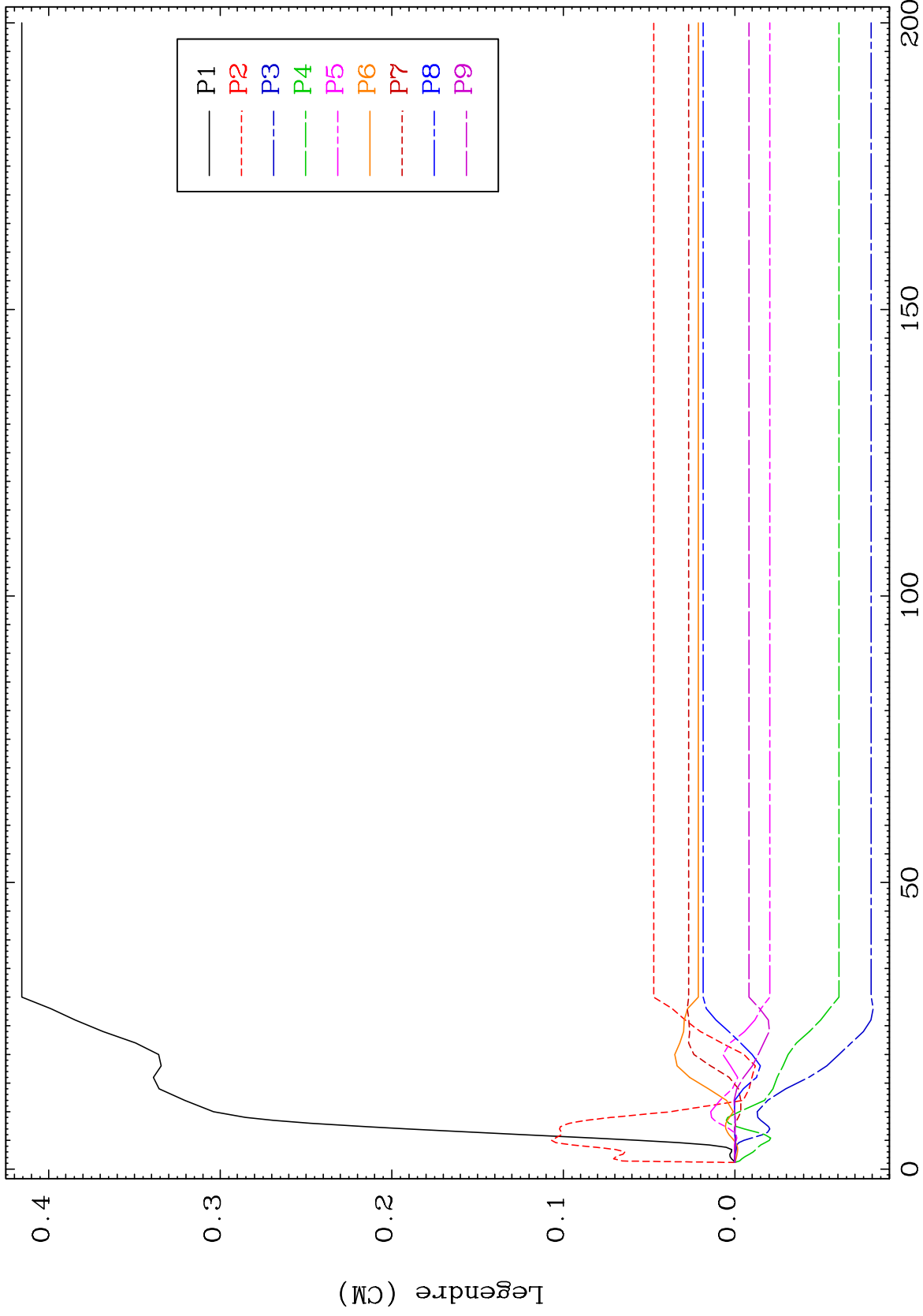




MAT 7419

1.141 MeV (n,n') Level  
Legendre Coefficients

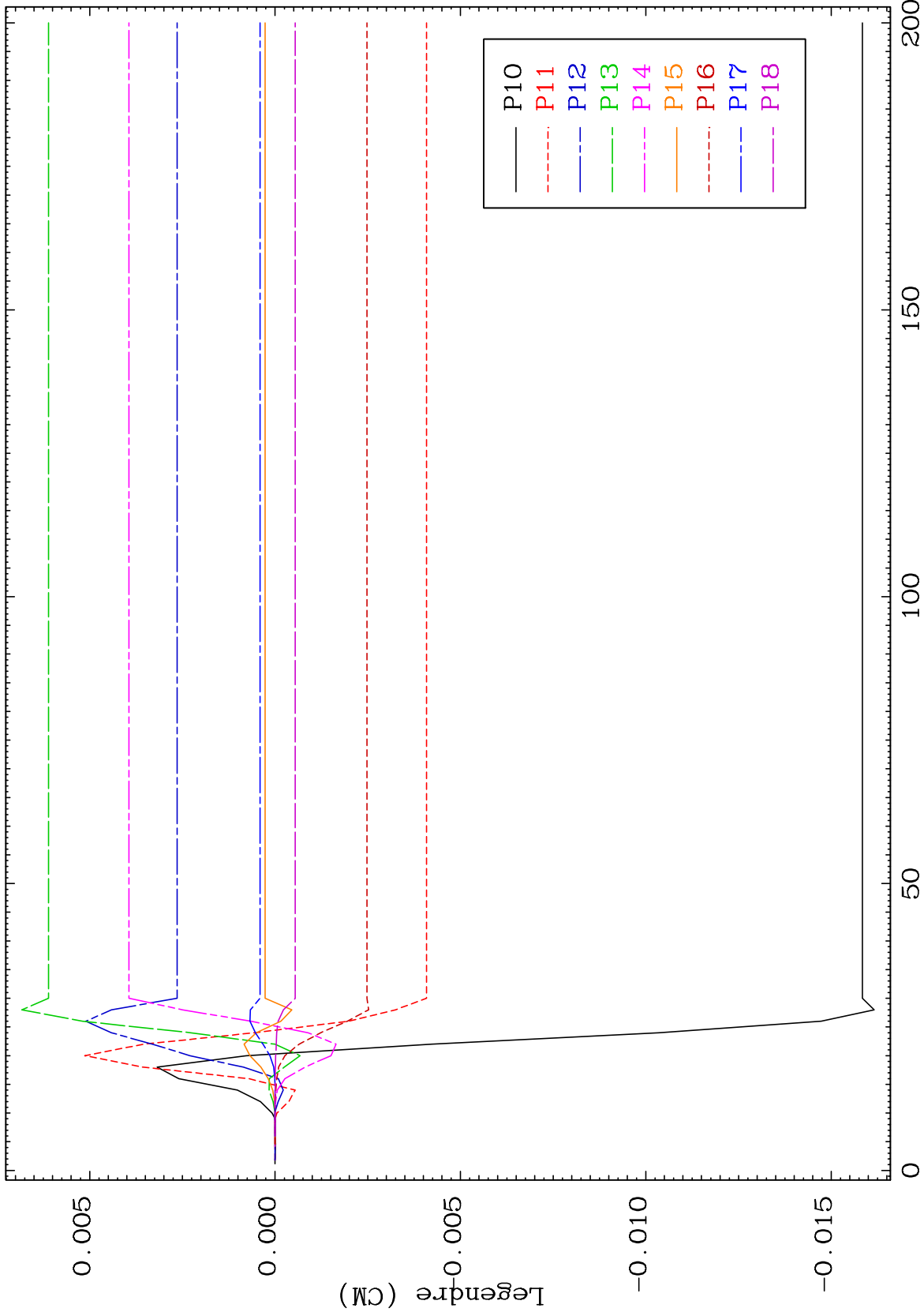
74-W -178

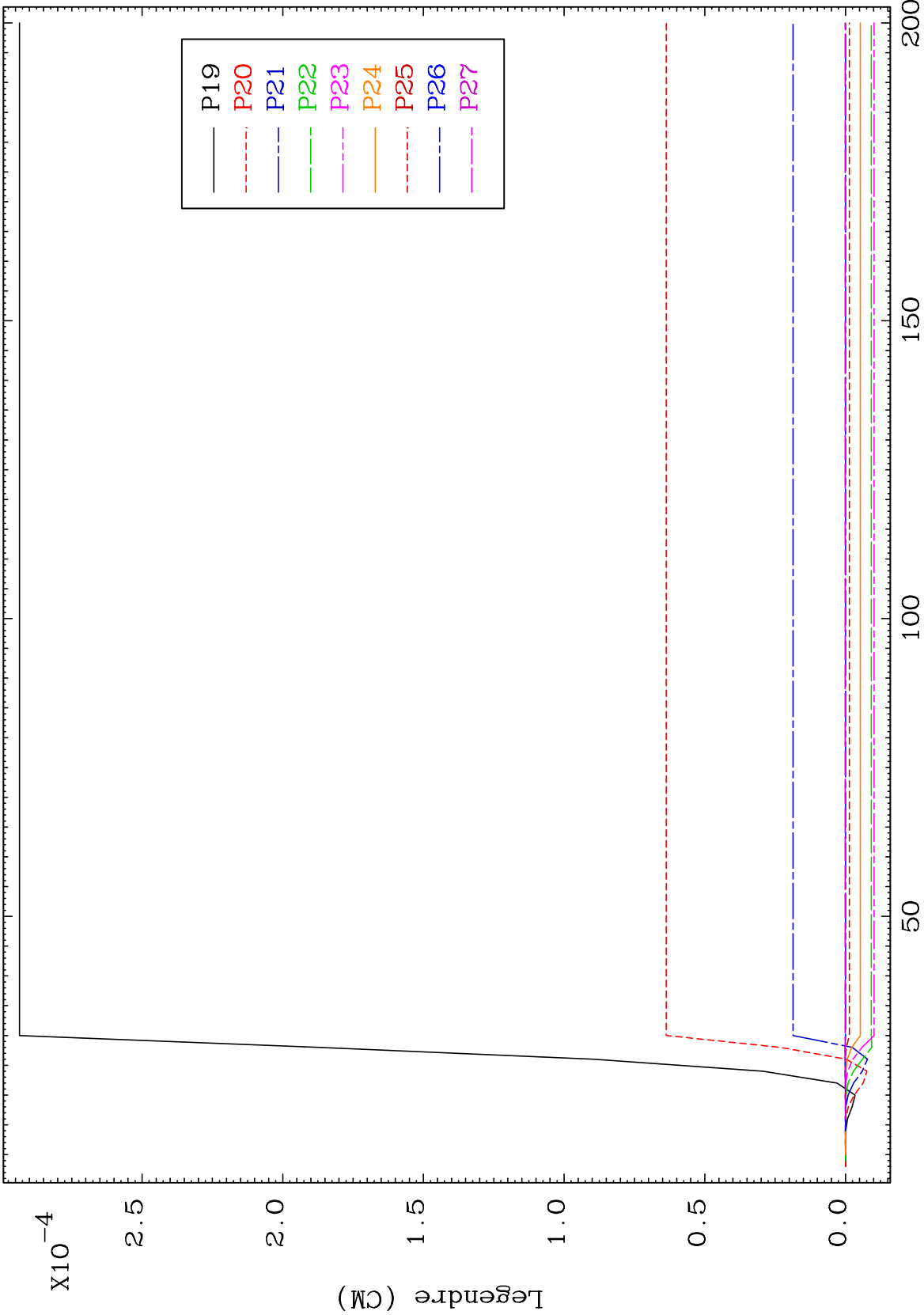


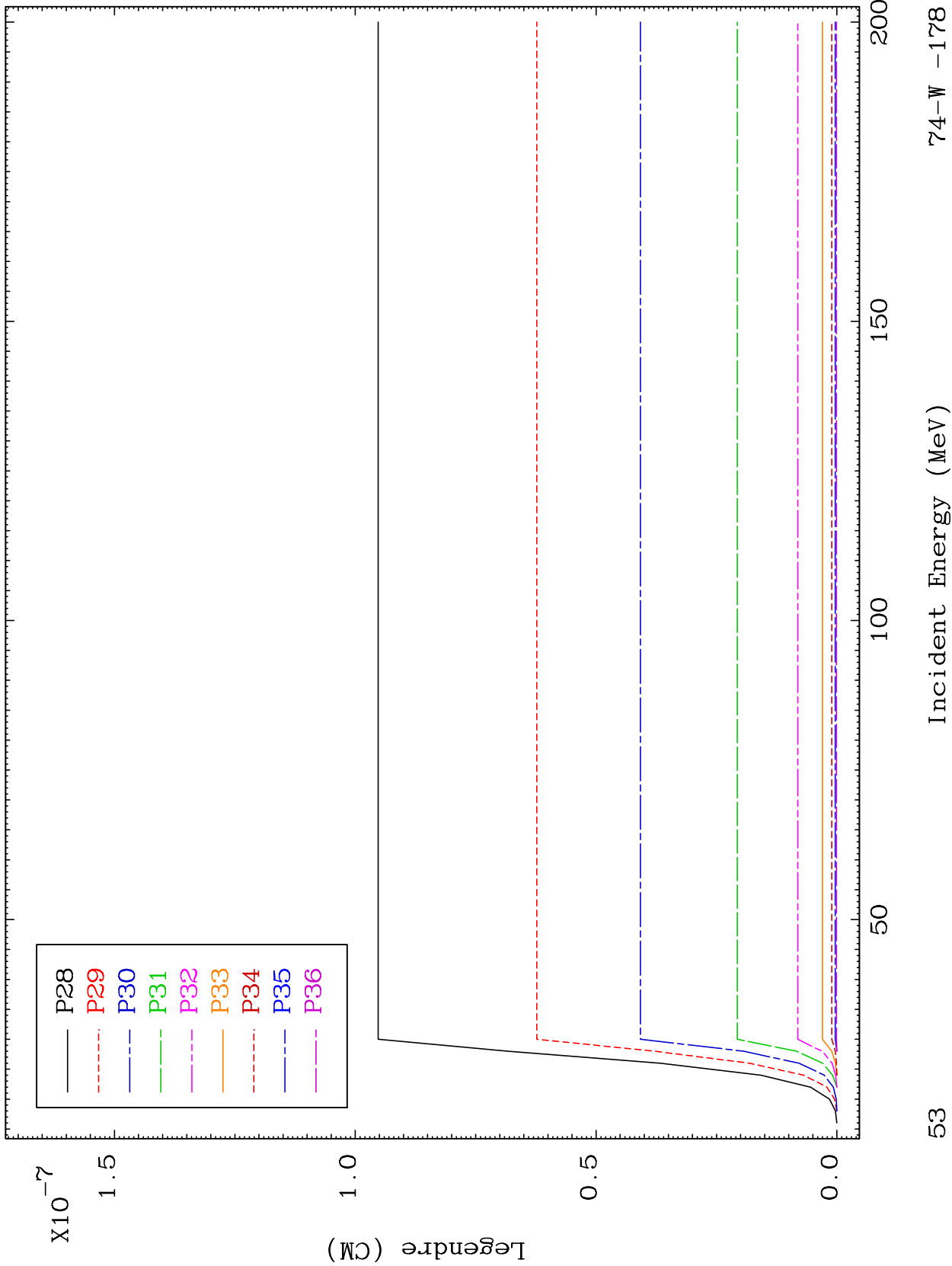
74-W -178

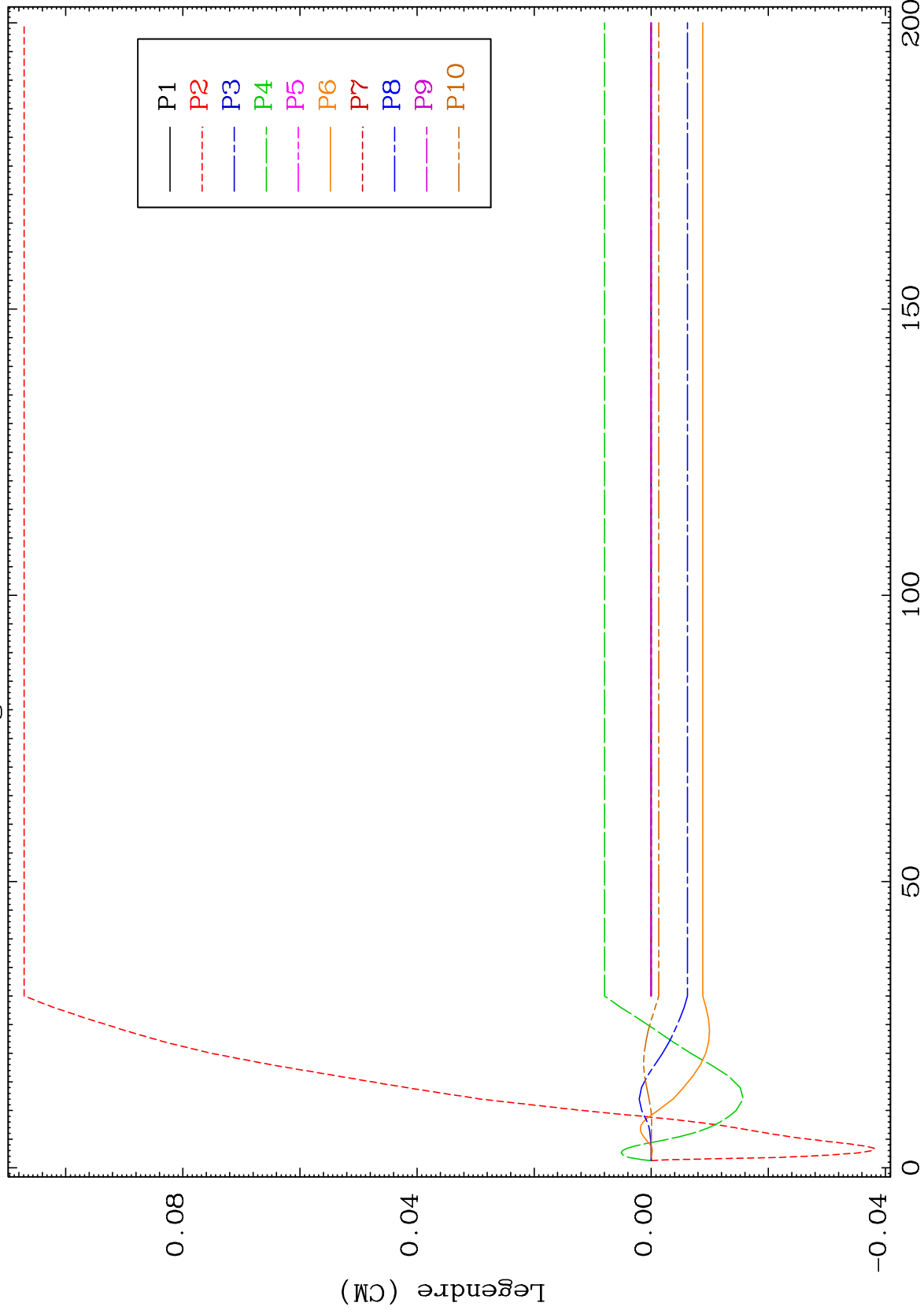
Incident Energy (MeV)

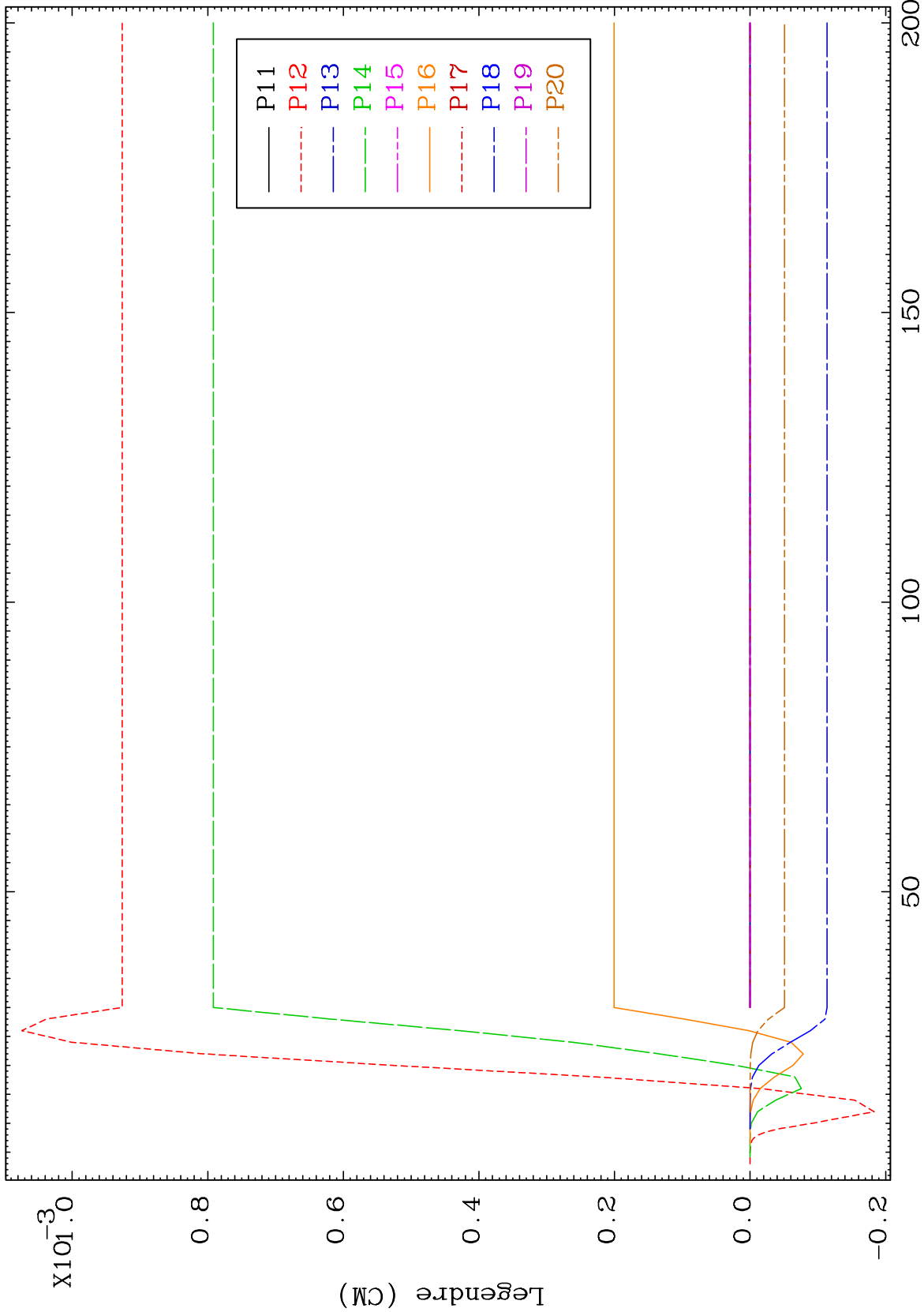
50



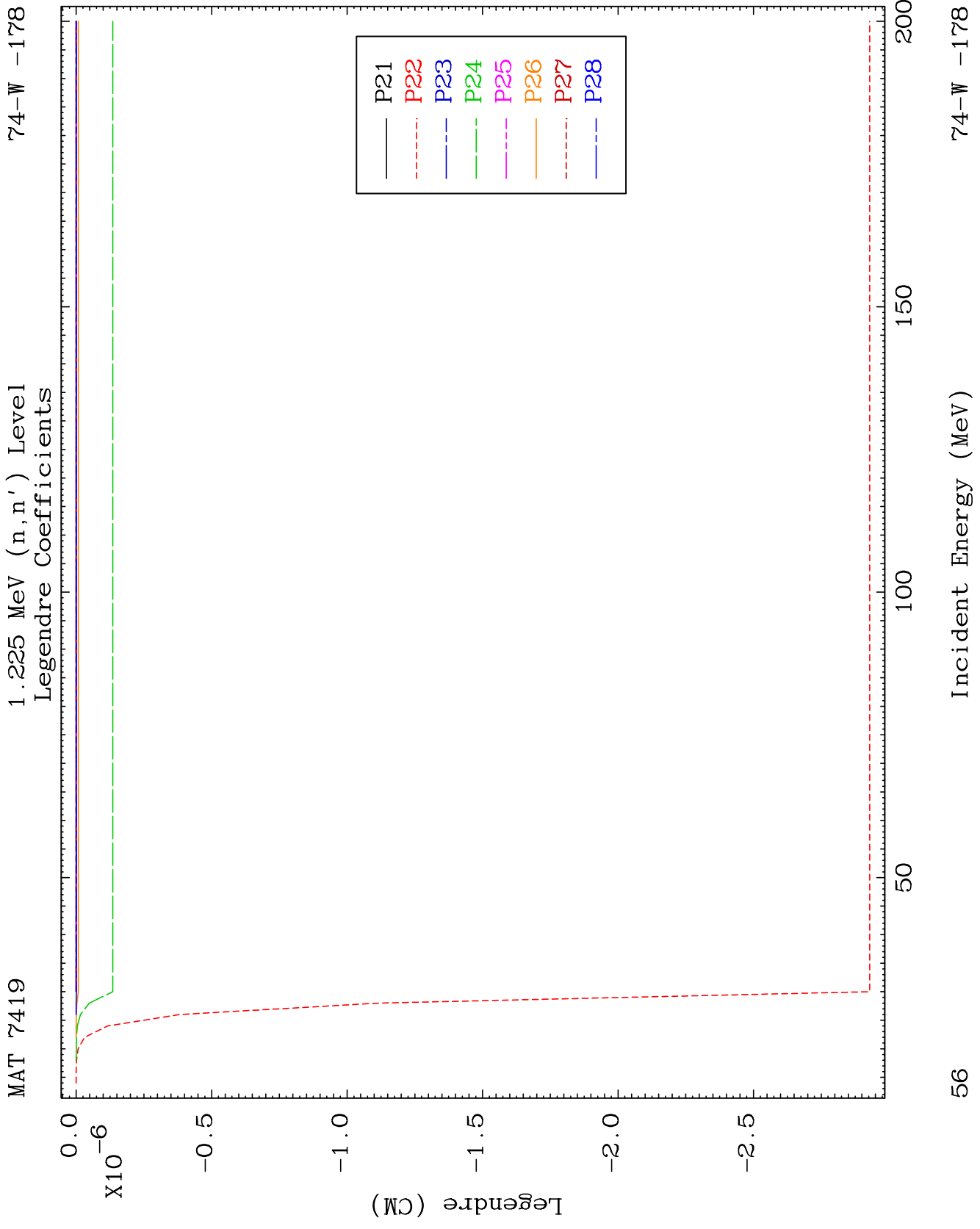








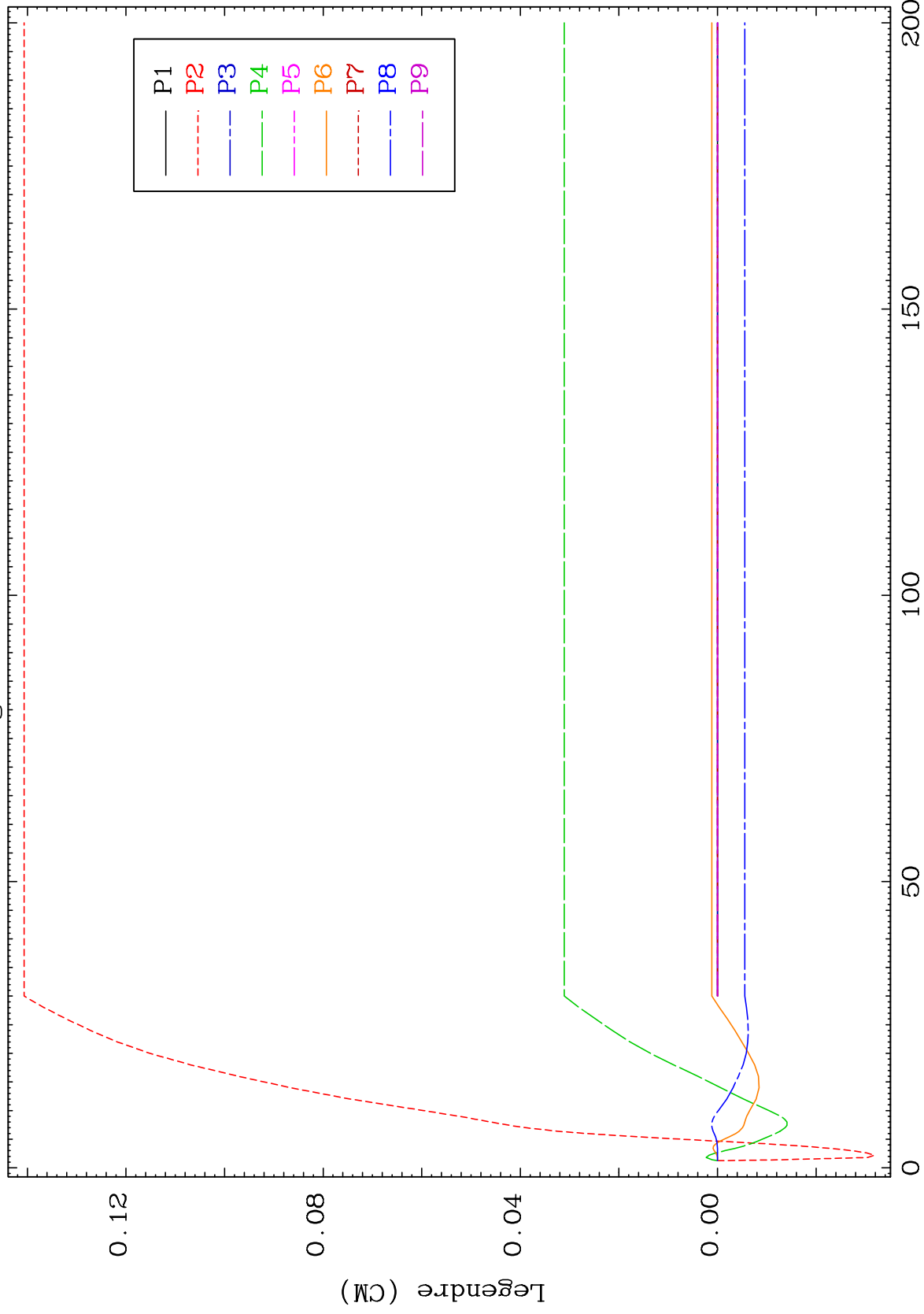




MAT 7419

1.236 MeV (n,n') Level  
Legendre Coefficients

74-W -178



57

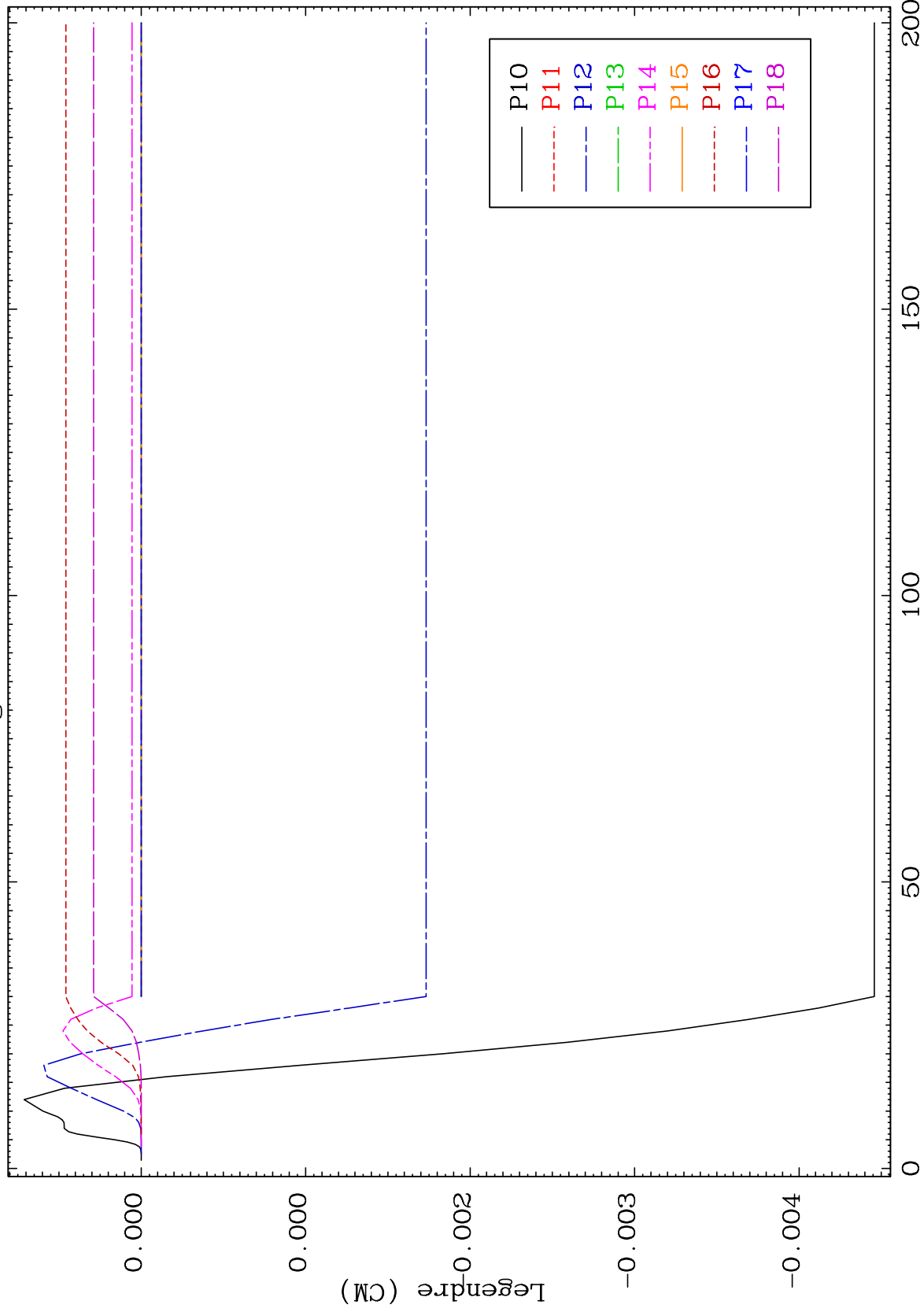
Incident Energy (MeV)

74-W -178

MAT 7419

1.236 MeV (n,n') Level  
Legendre Coefficients

74-W -178

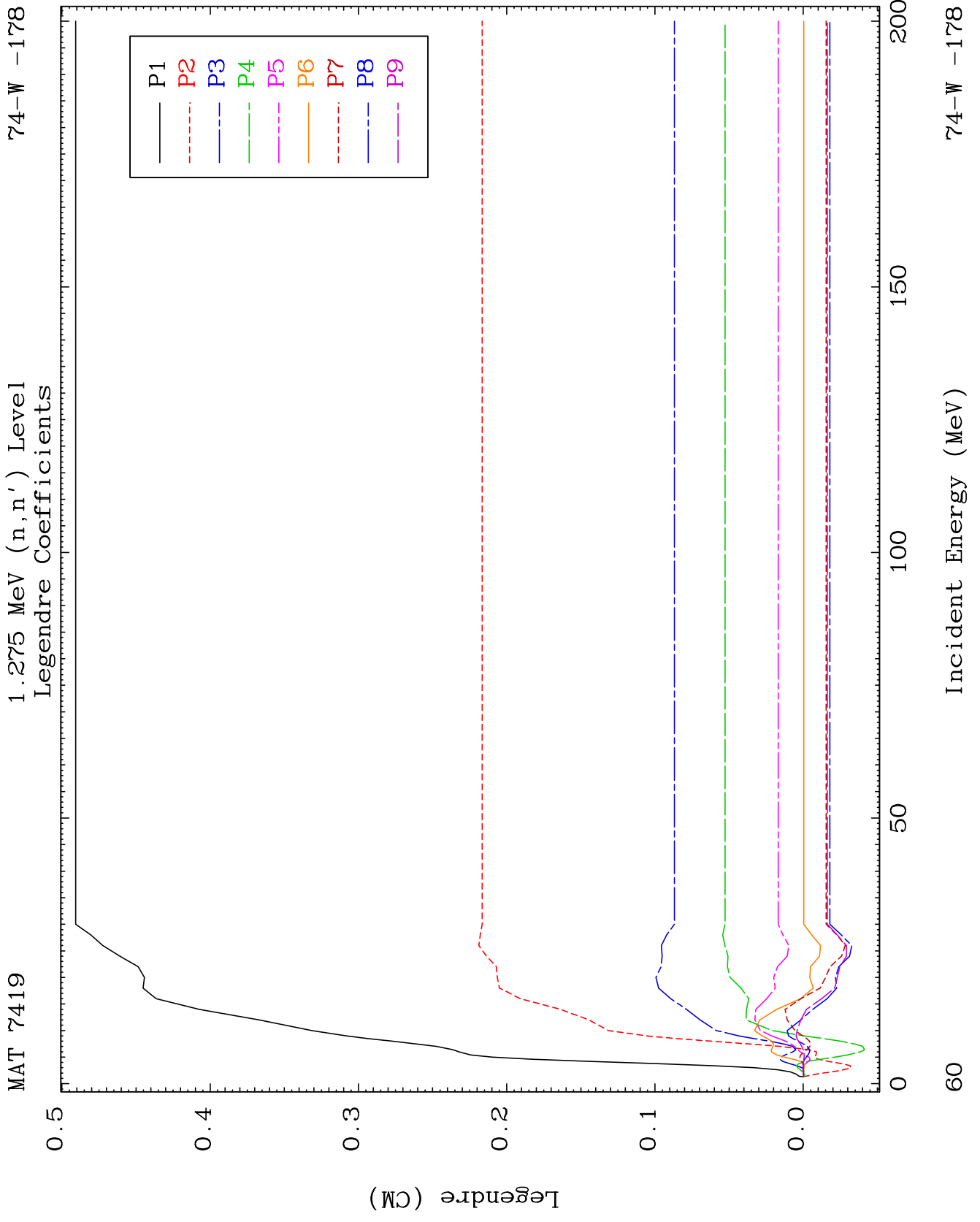


58

Incident Energy (MeV)

74-W -178

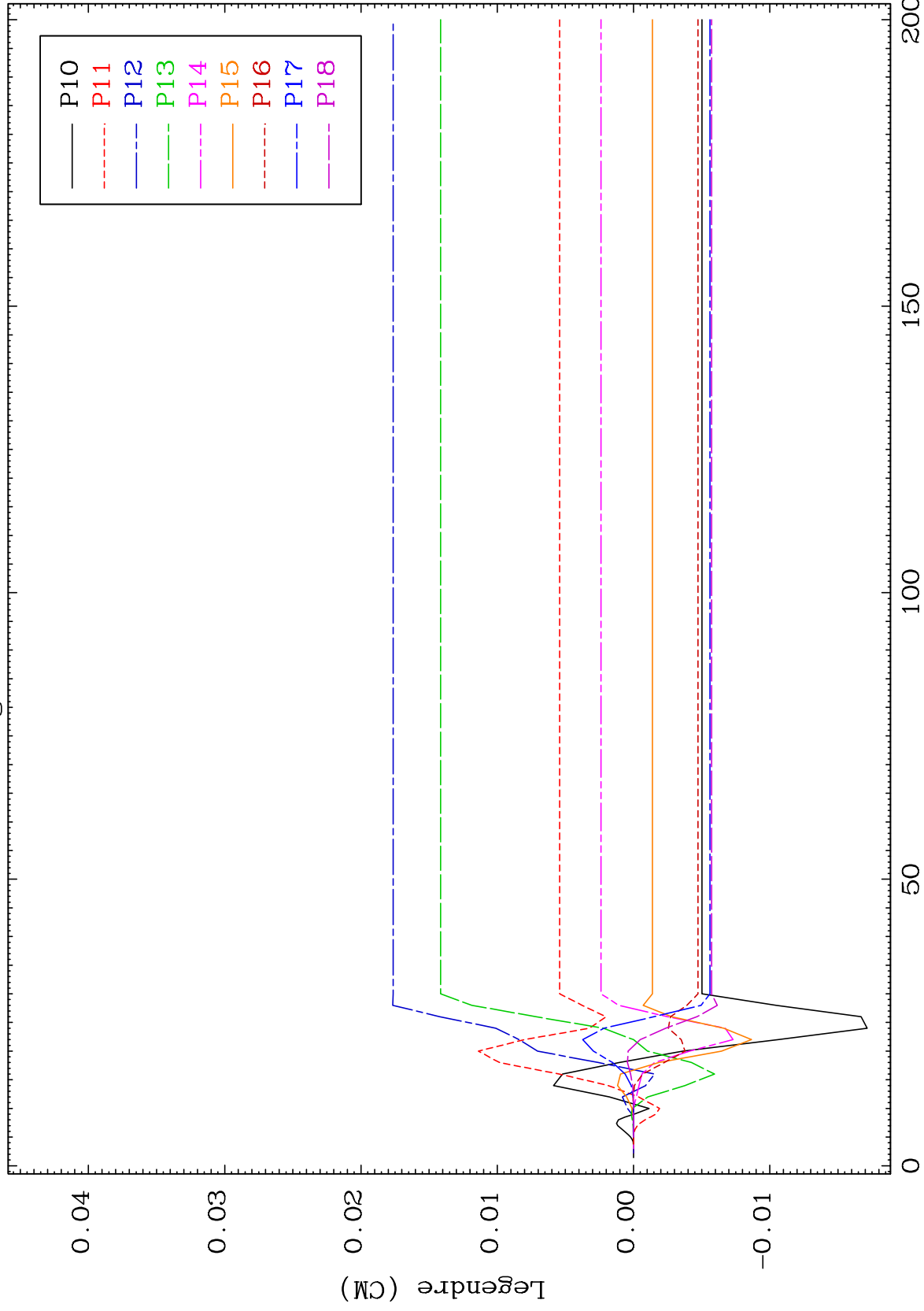




MAT 7419

1.275 MeV (n,n') Level  
Legendre Coefficients

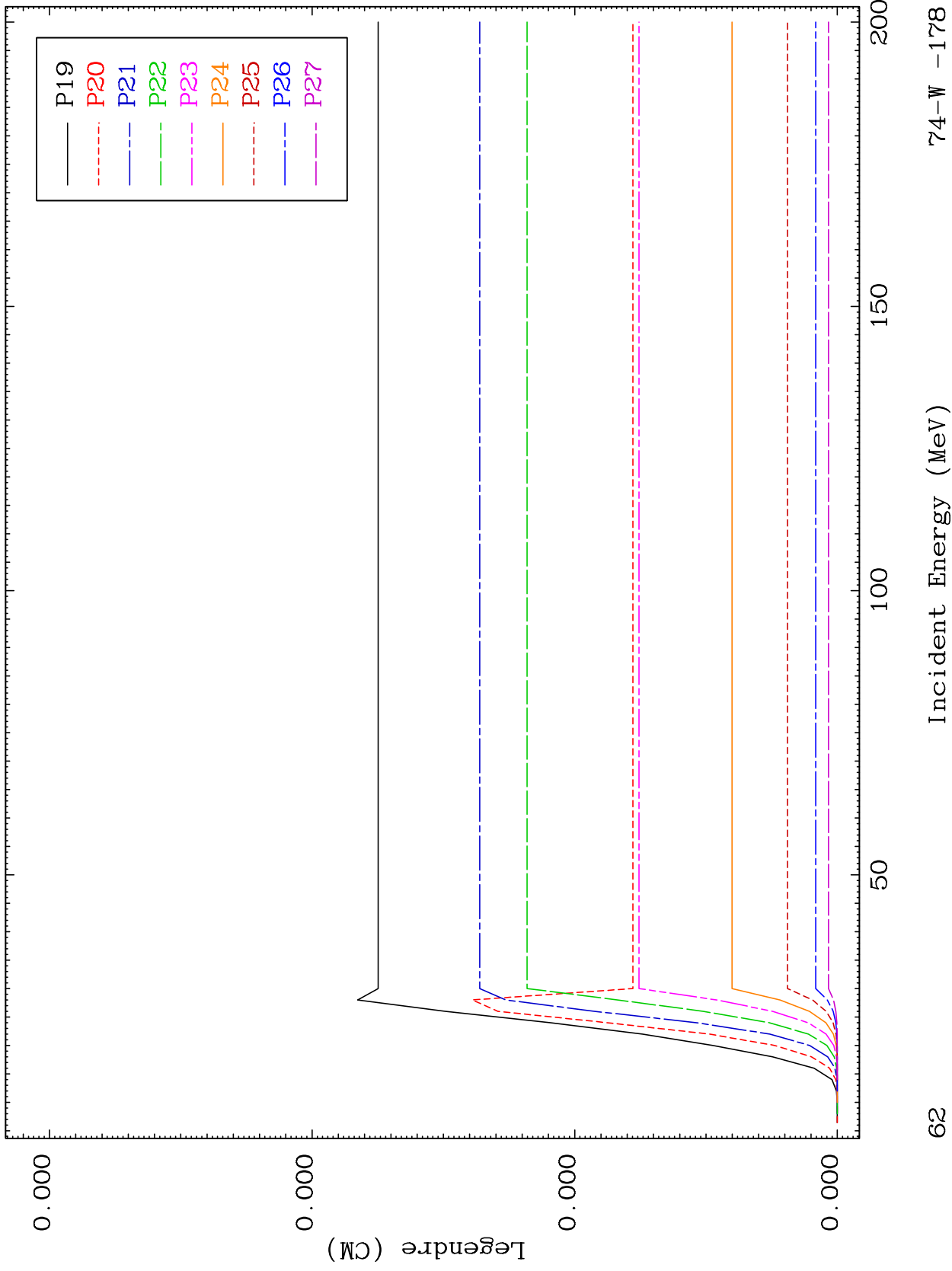
74-W -178

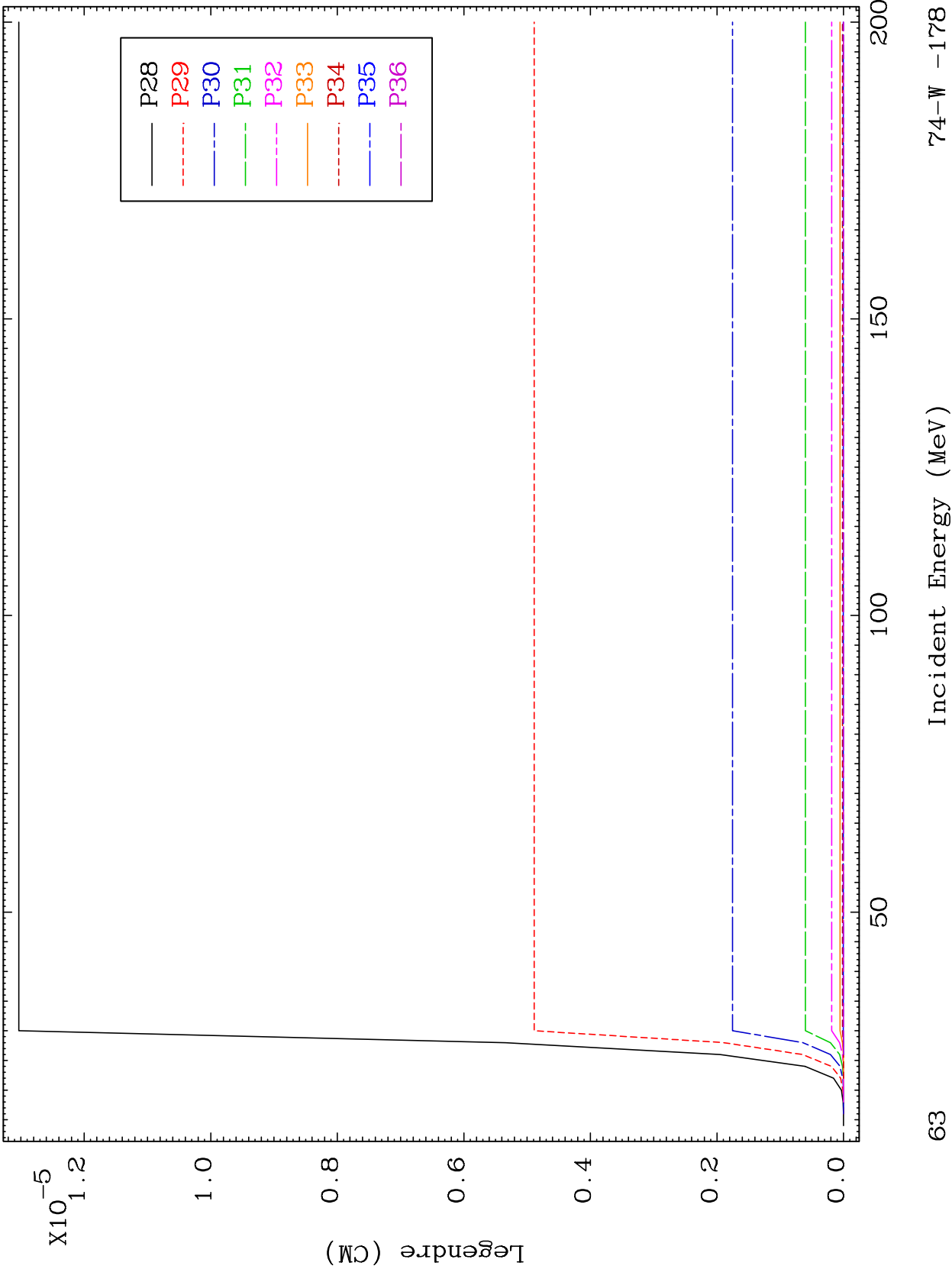


61

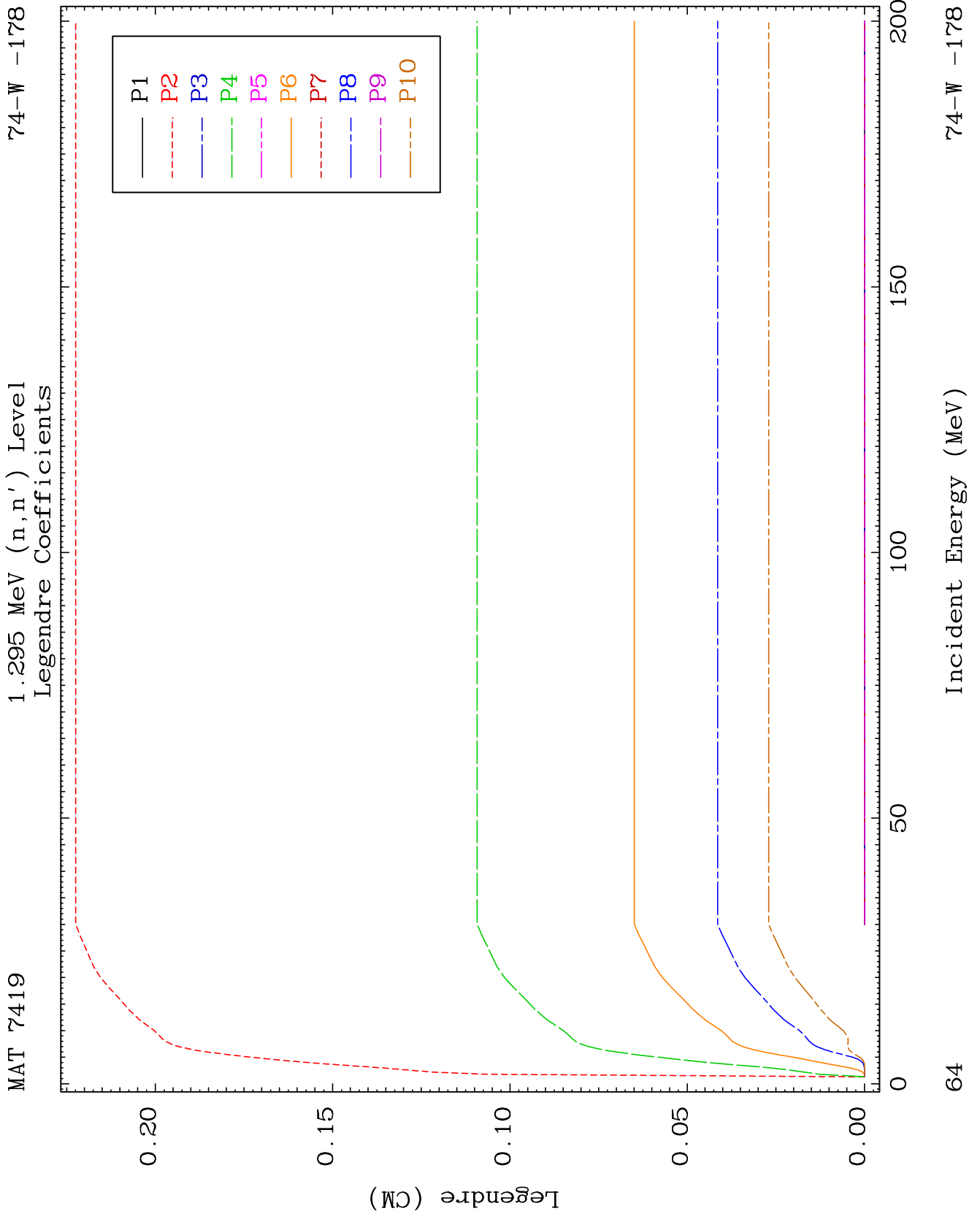
Incident Energy (MeV)

74-W -178





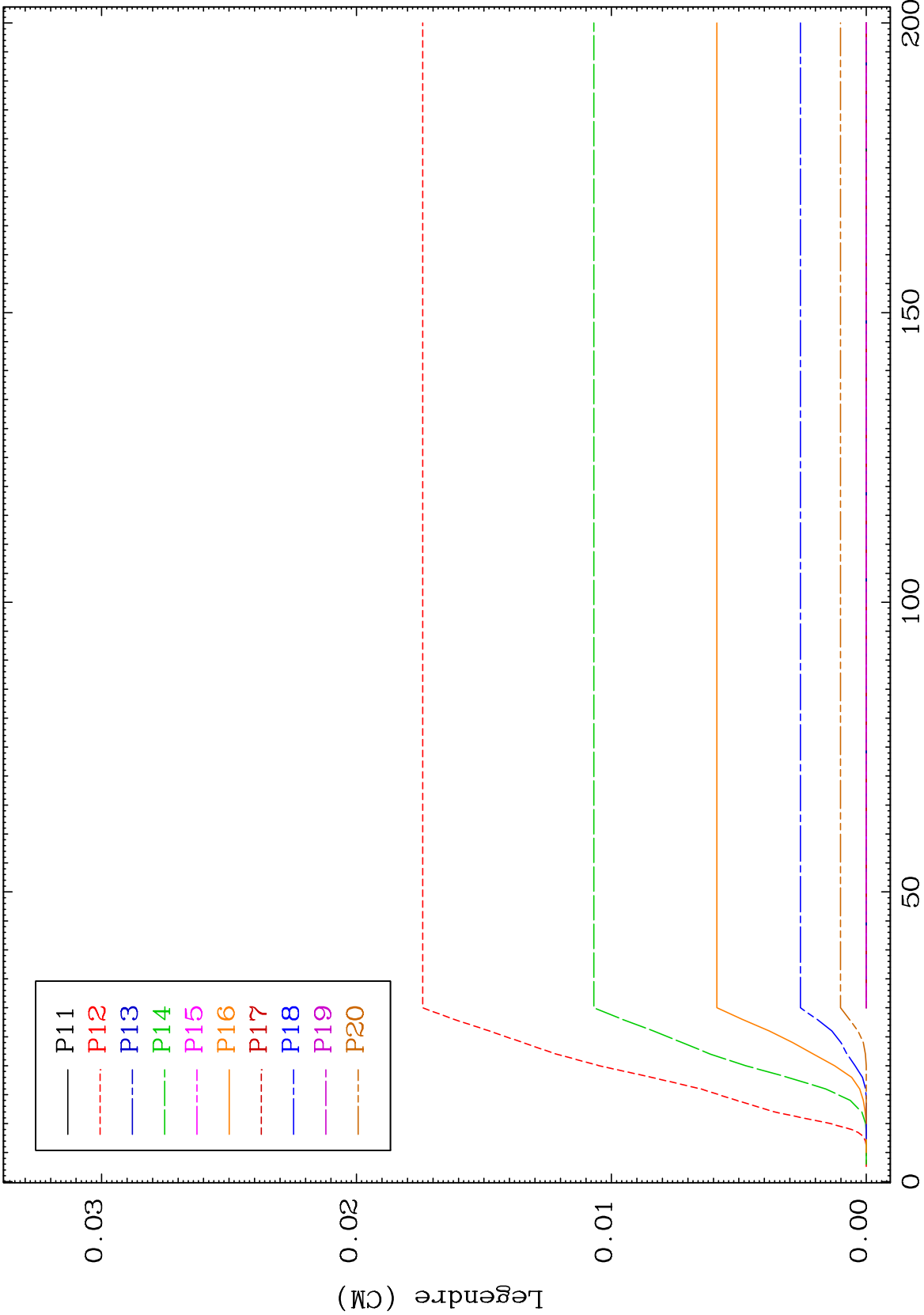




MAT 7419

1.295 MeV (n,n') Level Legendre Coefficients

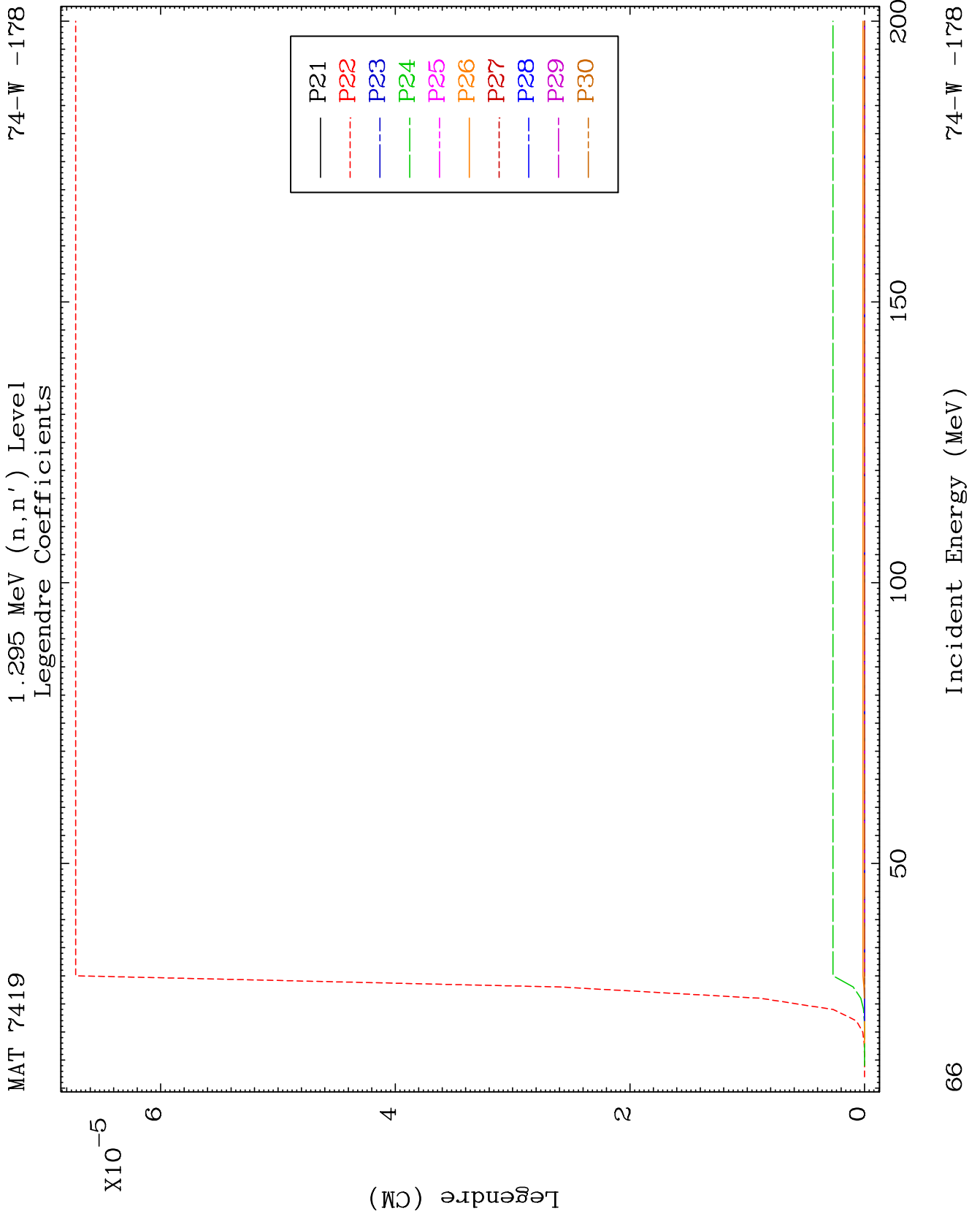
74-W -178



65

Incident Energy (MeV)

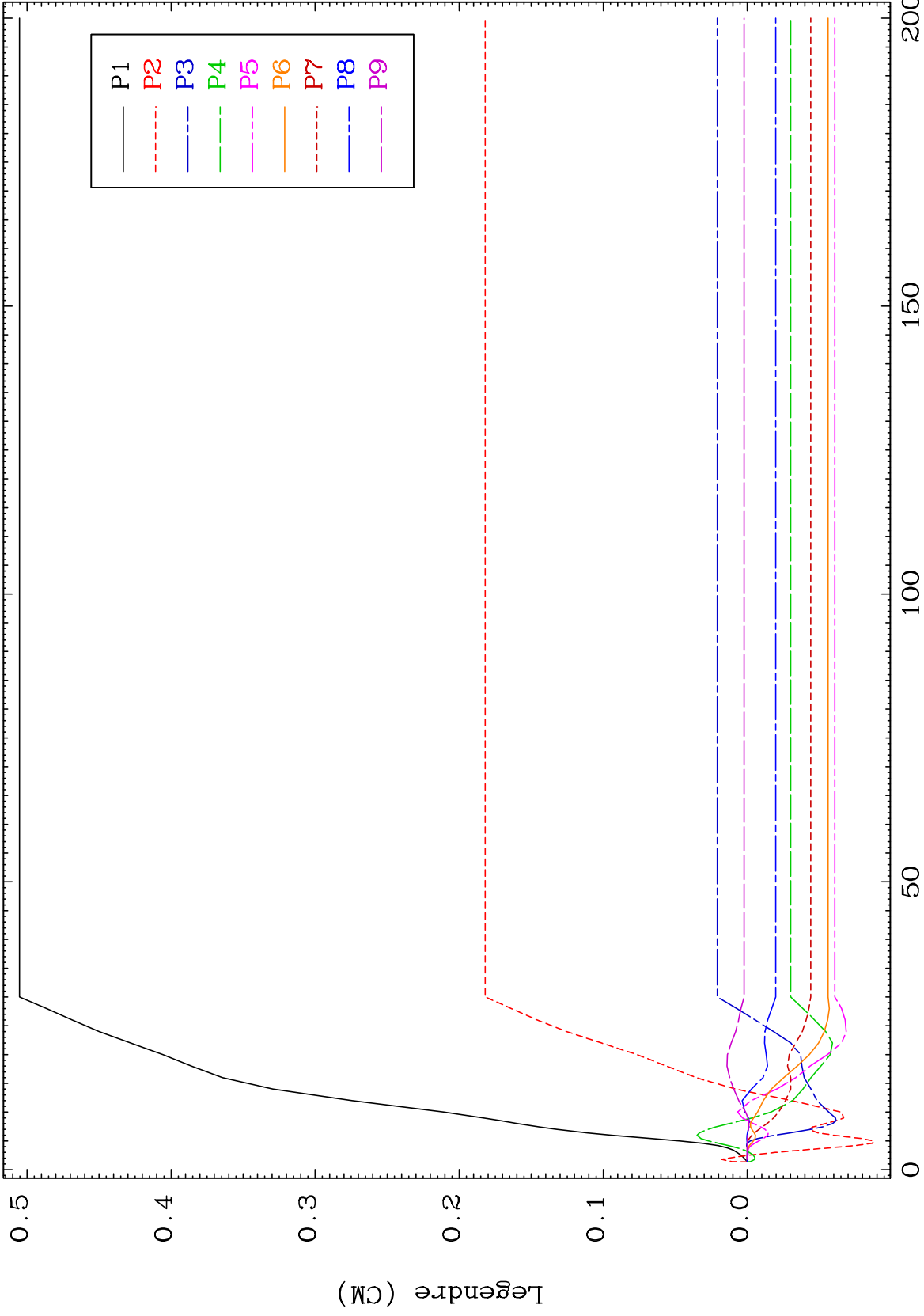
74-W -178



MAT 7419

1.345 MeV (n,n') Level  
Legendre Coefficients

74-W -178



67

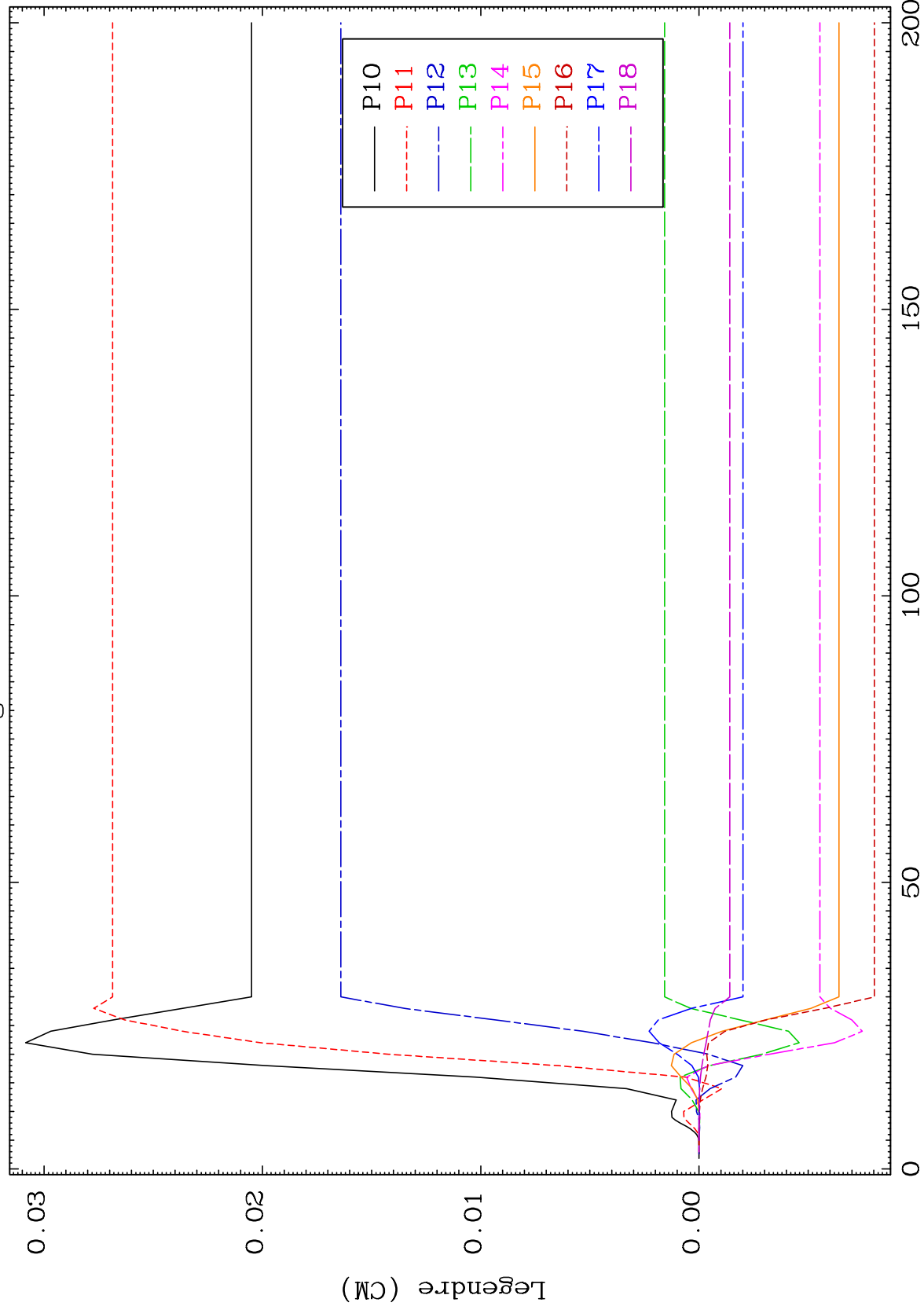
Incident Energy (MeV)

74-W -178

MAT 7419

1.345 MeV (n,n') Level  
Legendre Coefficients

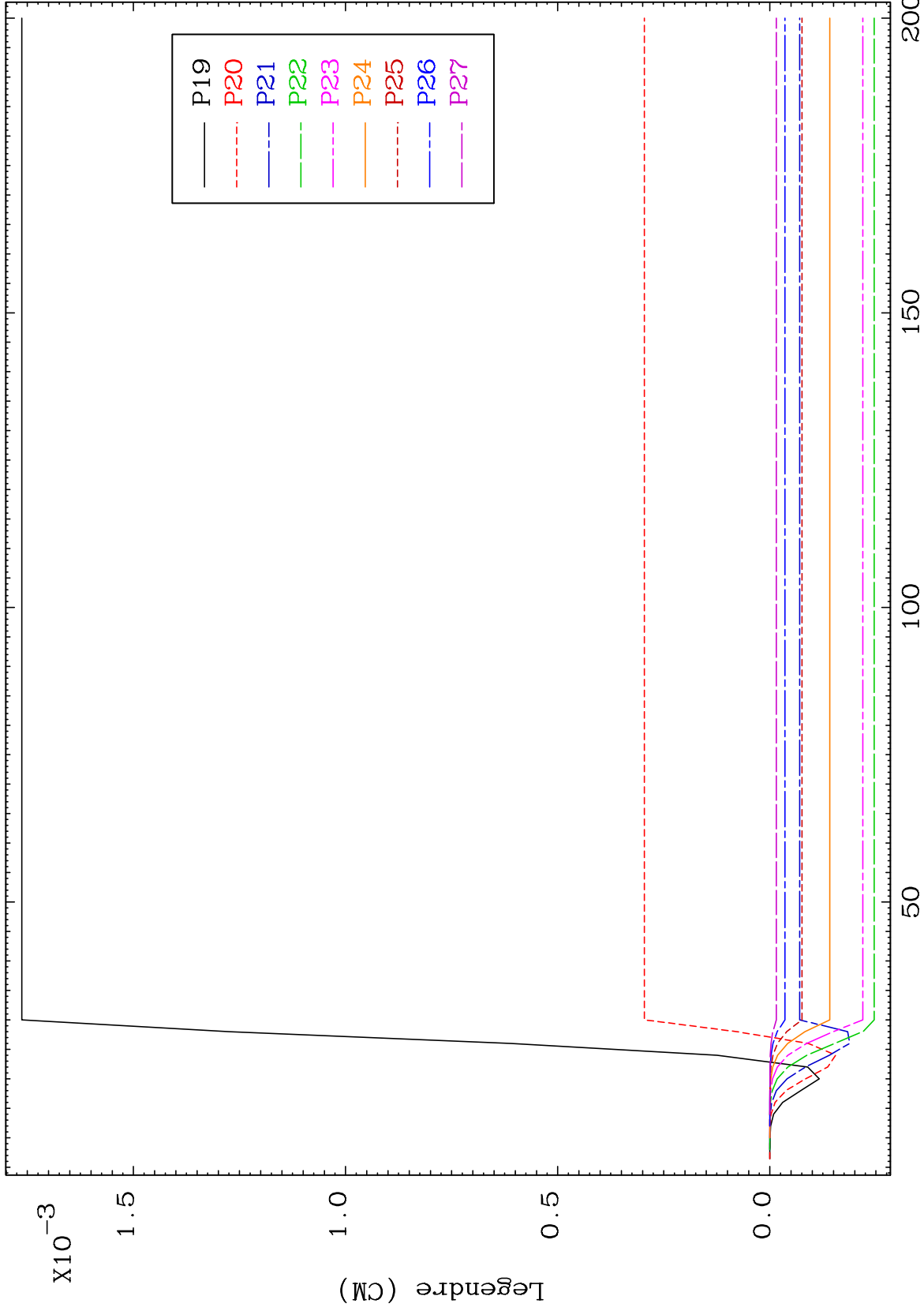
74-W -178



74-W -178

Incident Energy (MeV)

68





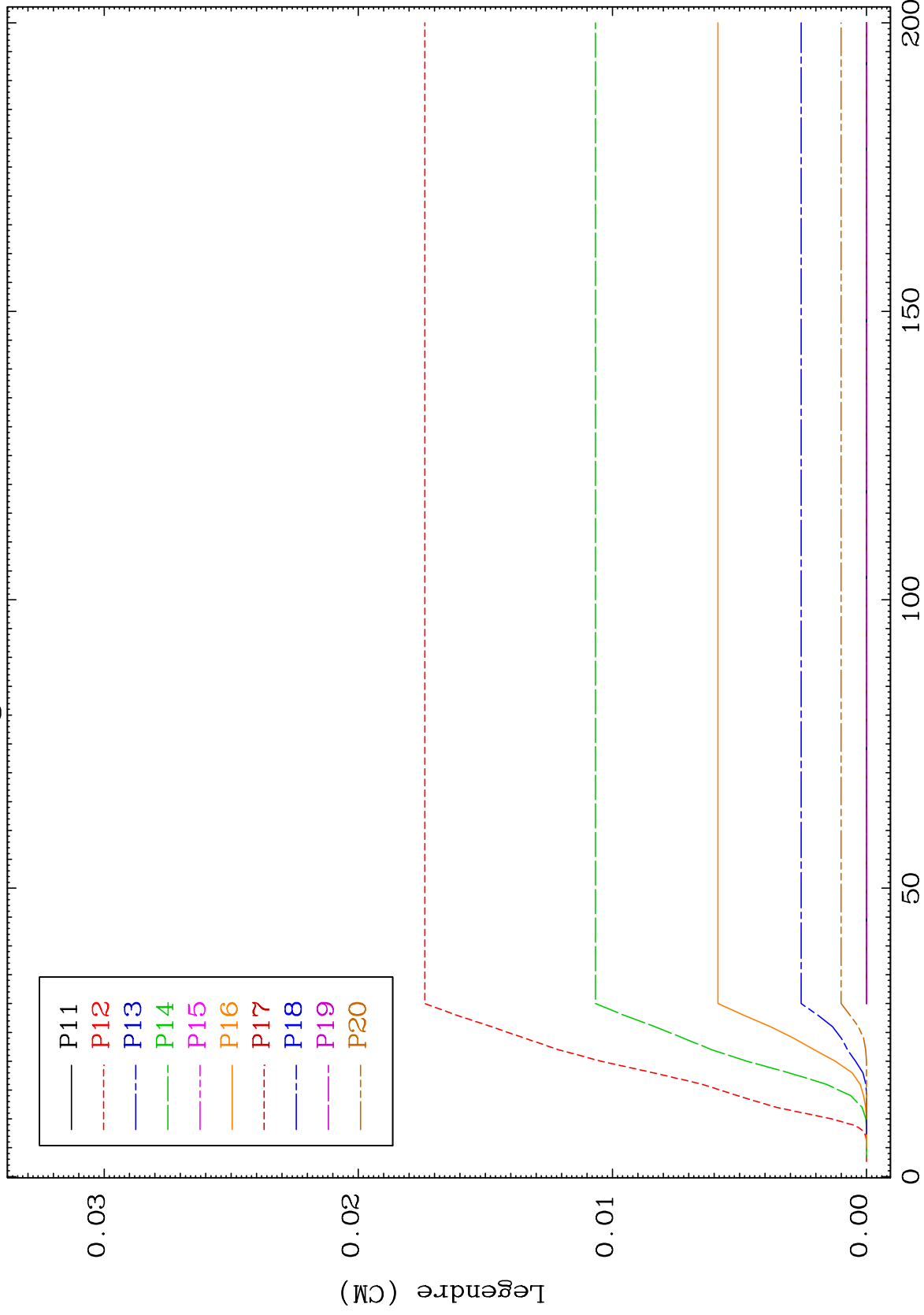




MAT 7419

1.356 MeV (n,n') Level Legendre Coefficients

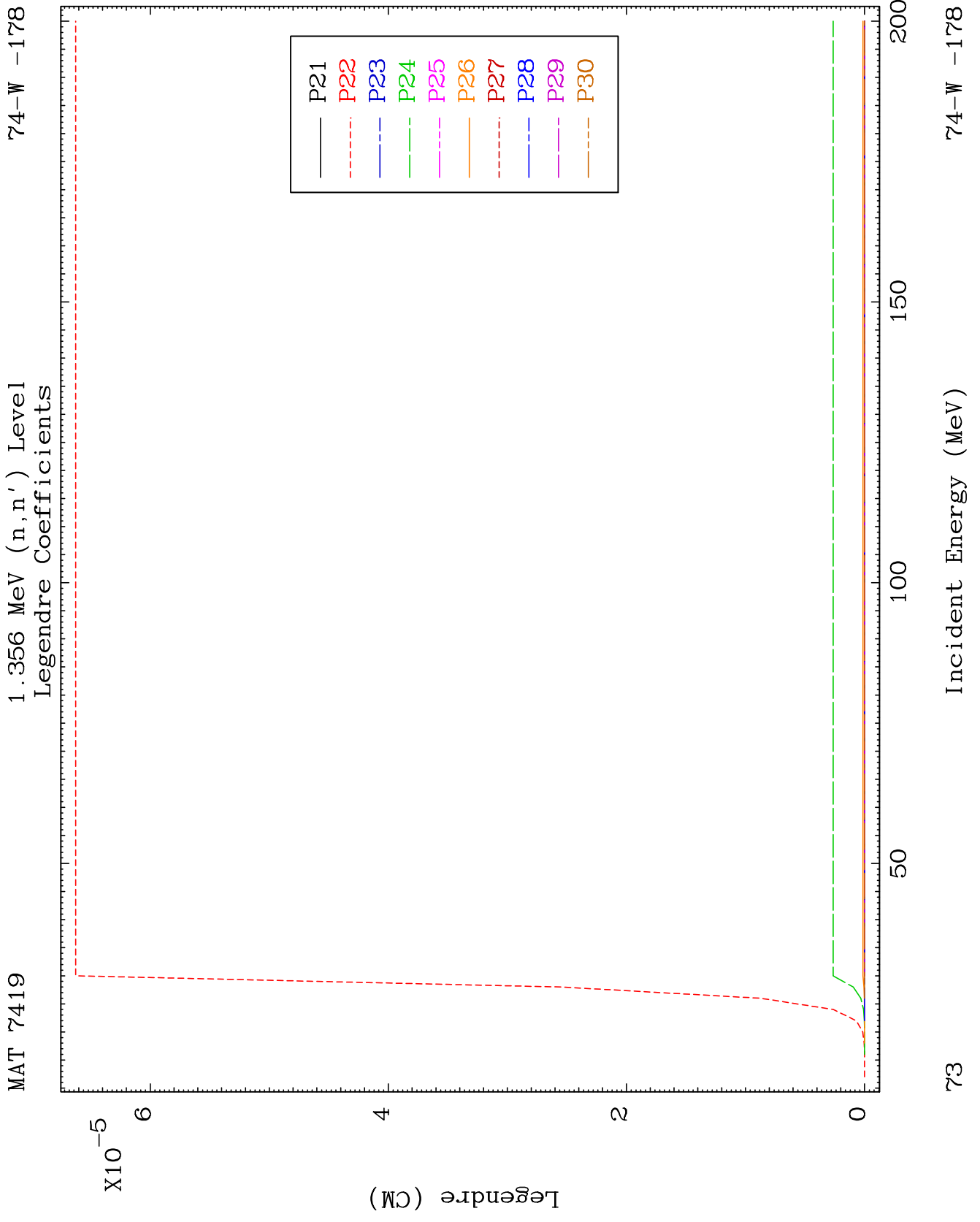
74-W -178

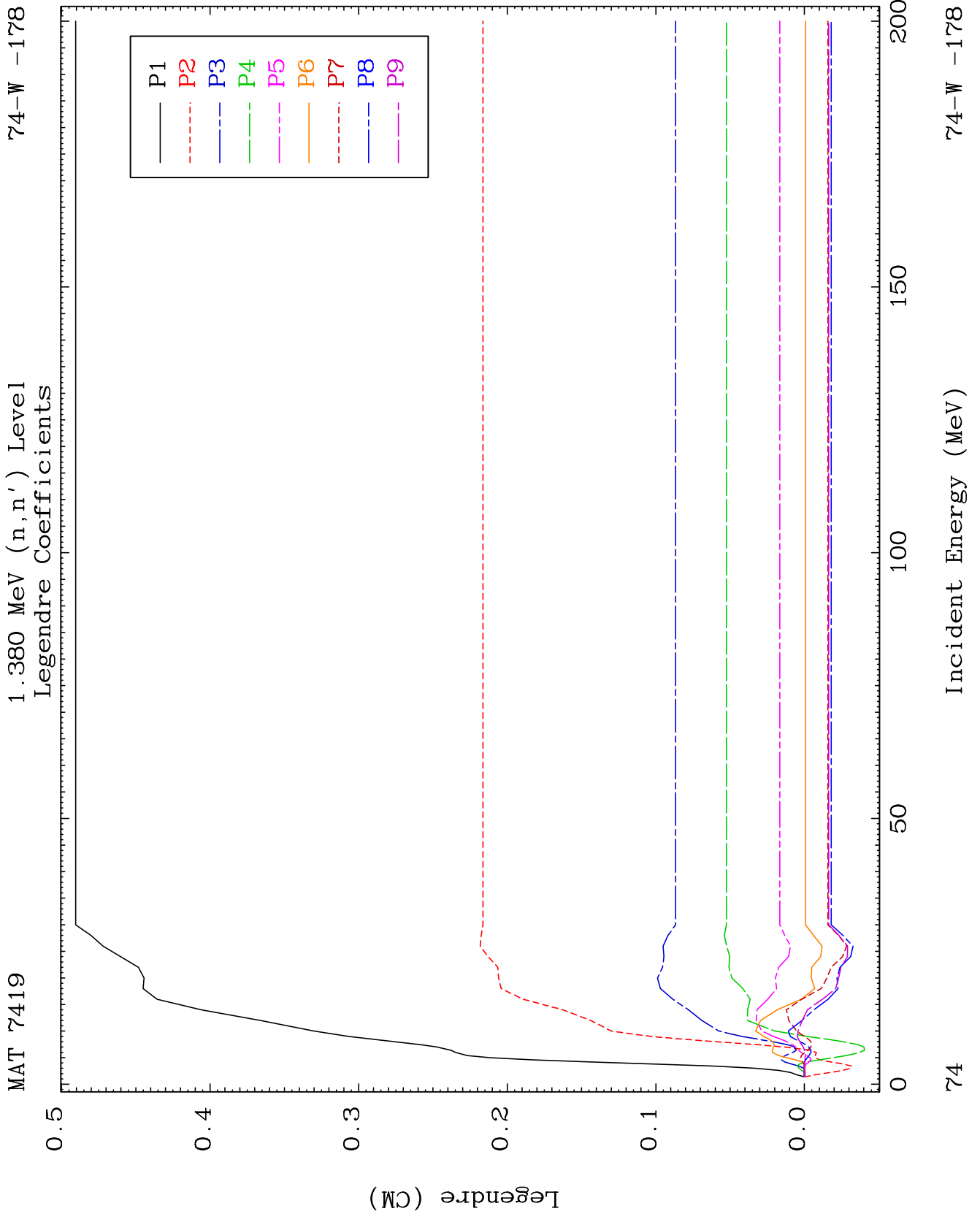


72

Incident Energy (MeV)

74-W -178

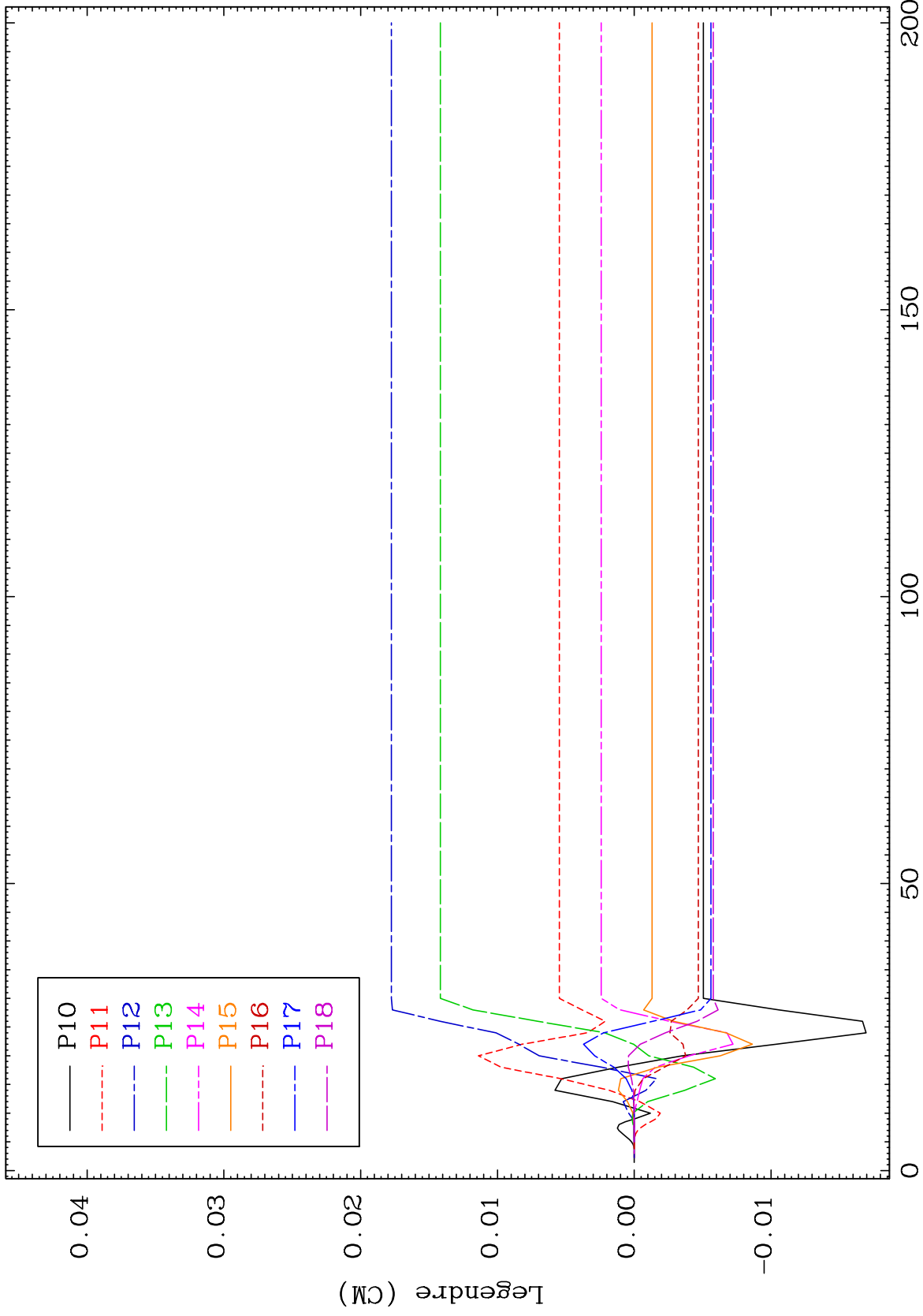




MAT 7419

1.380 MeV (n,n') Level  
Legendre Coefficients

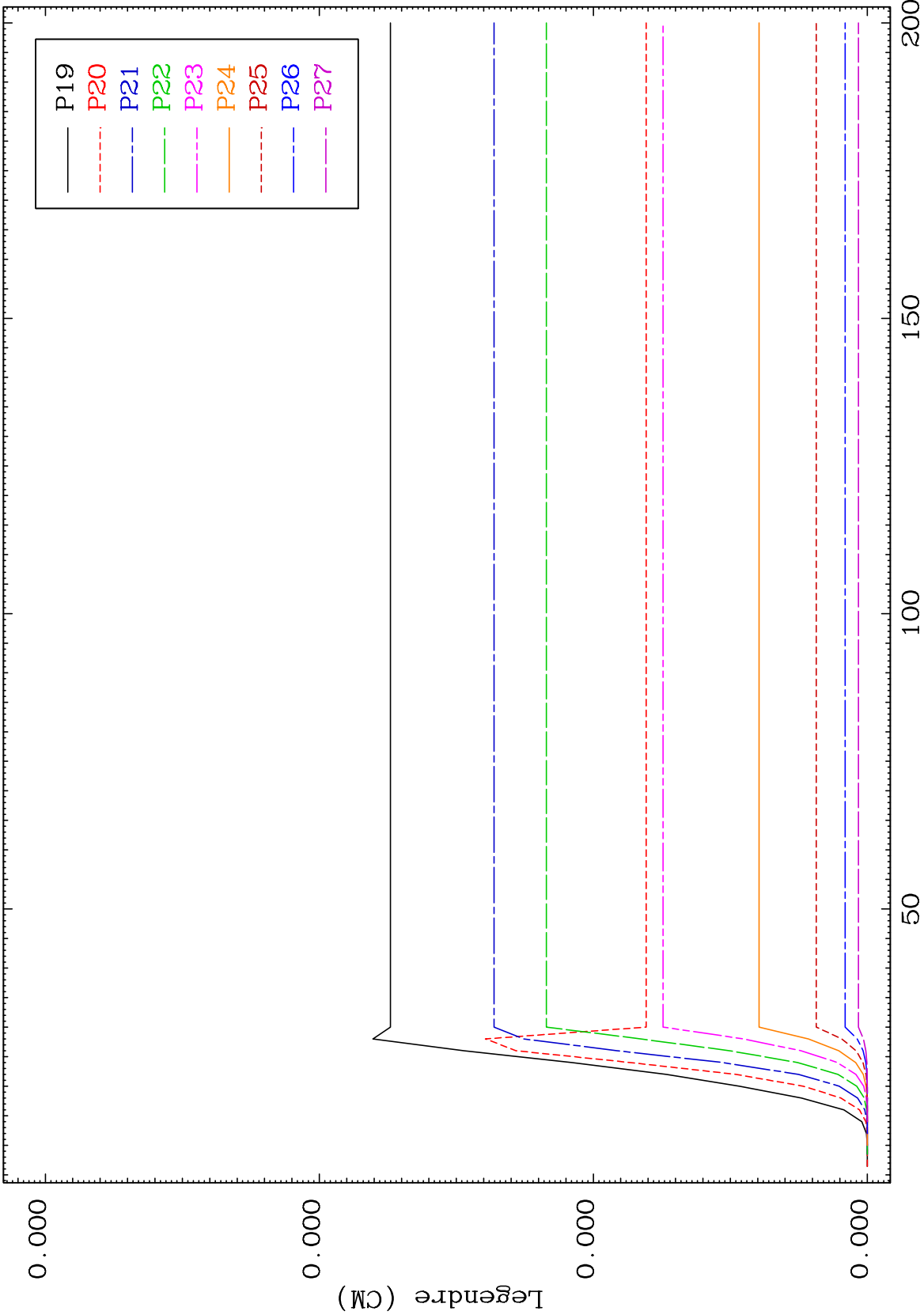
74-W -178



75

Incident Energy (MeV)

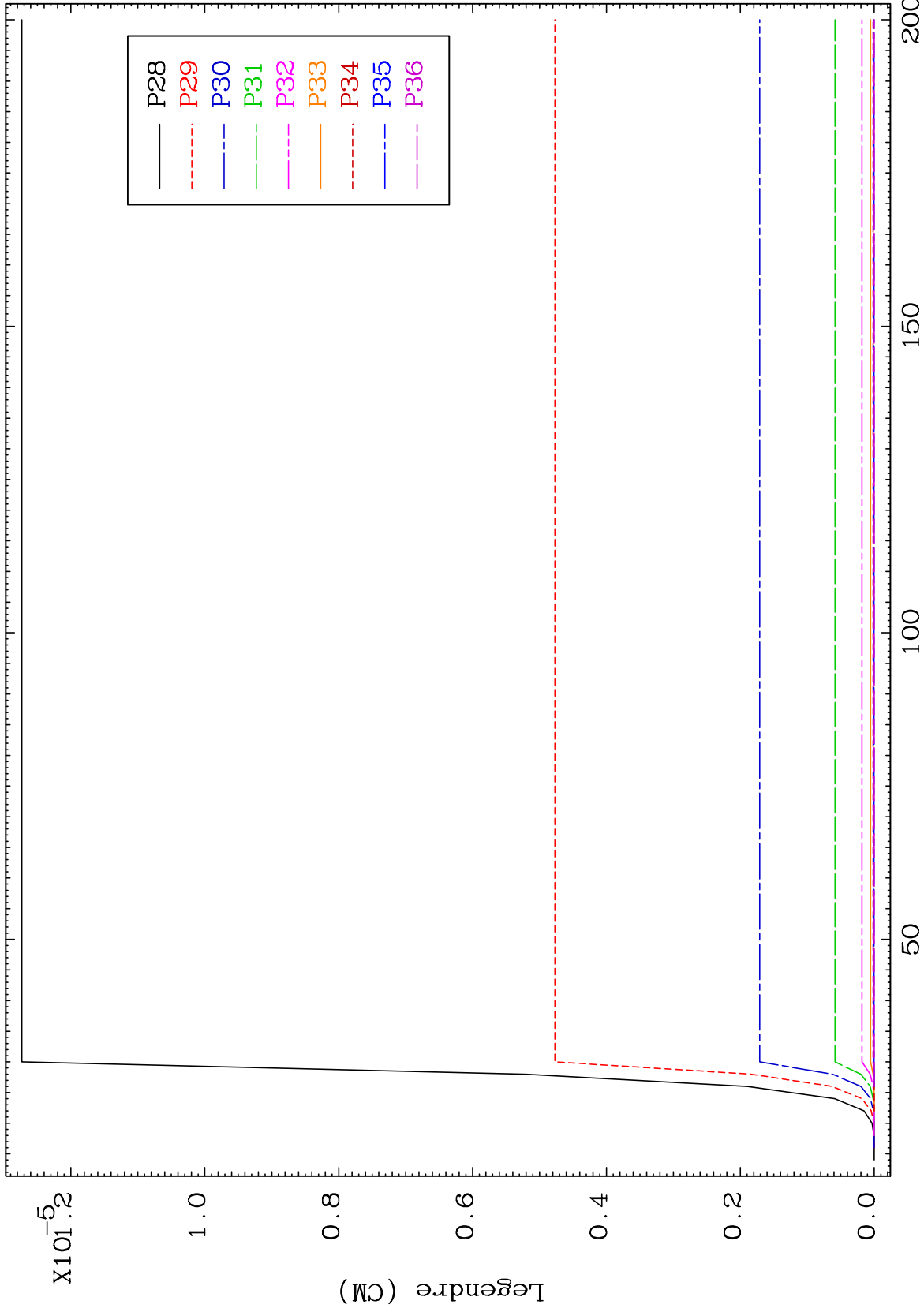
74-W -178



MAT 7419

1.380 MeV (n,n') Level  
Legendre Coefficients

74-W -178

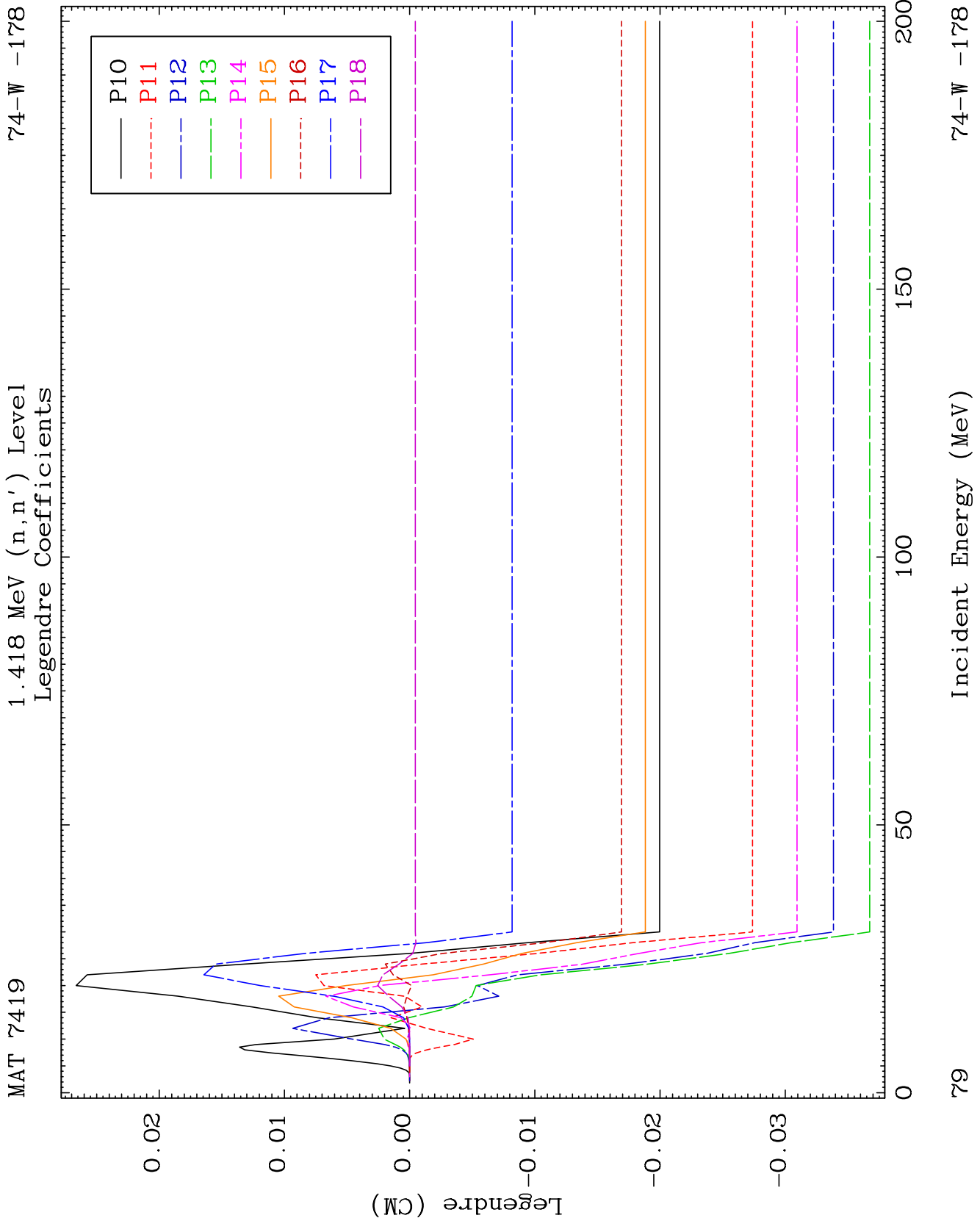


77

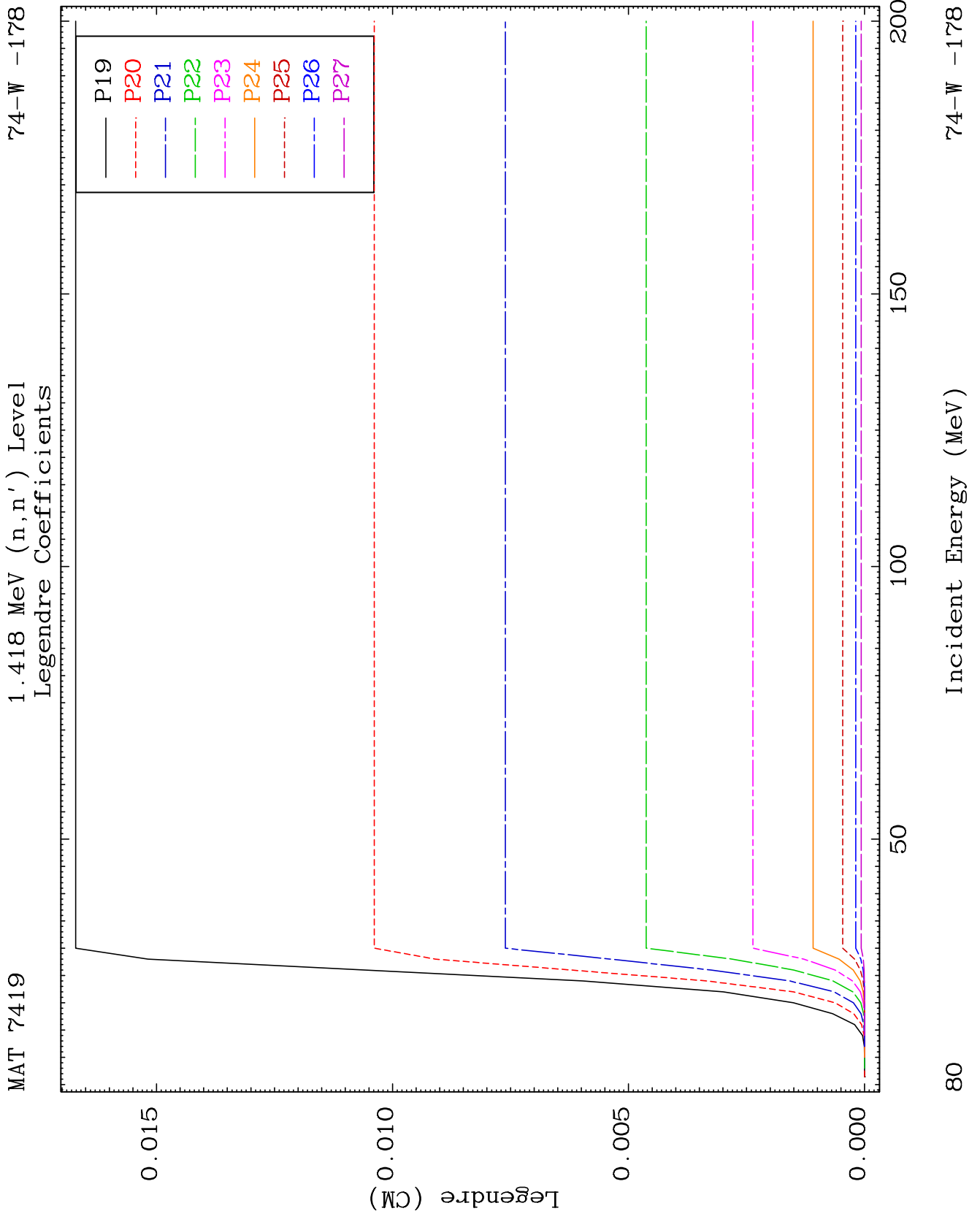
Incident Energy (MeV)

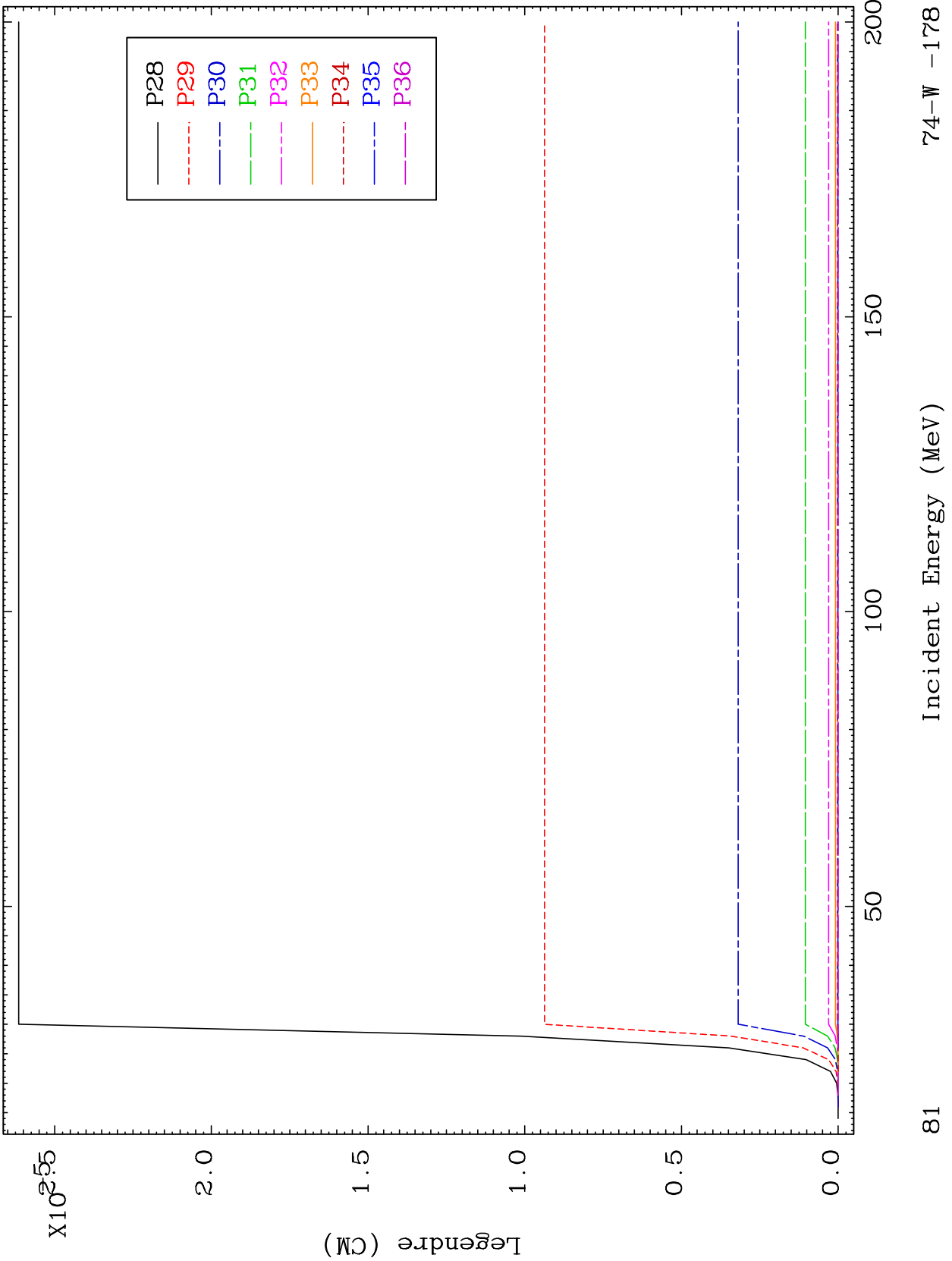
74-W -178







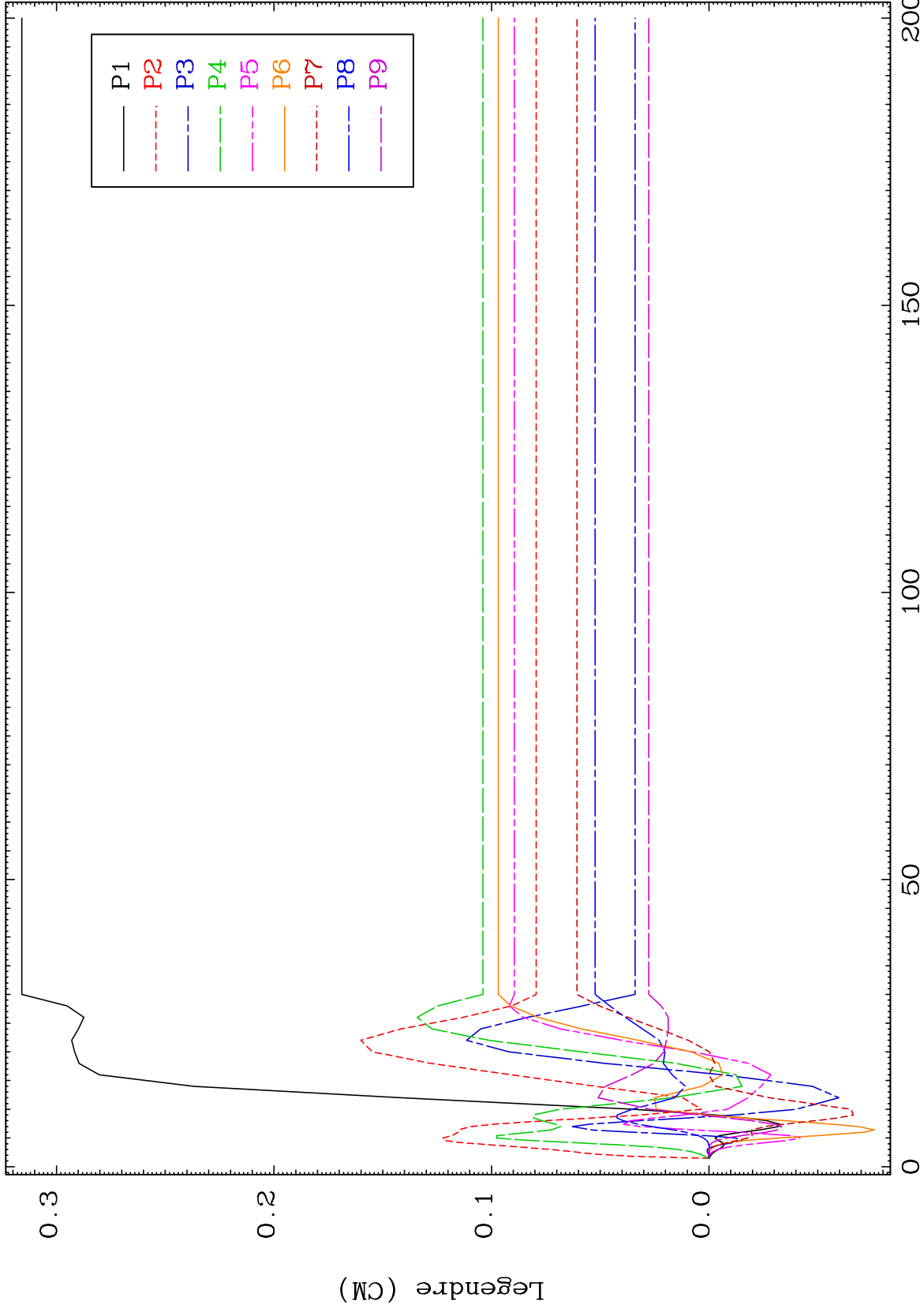




MAT 7419

1.435 MeV (n,n') Level  
Legendre Coefficients

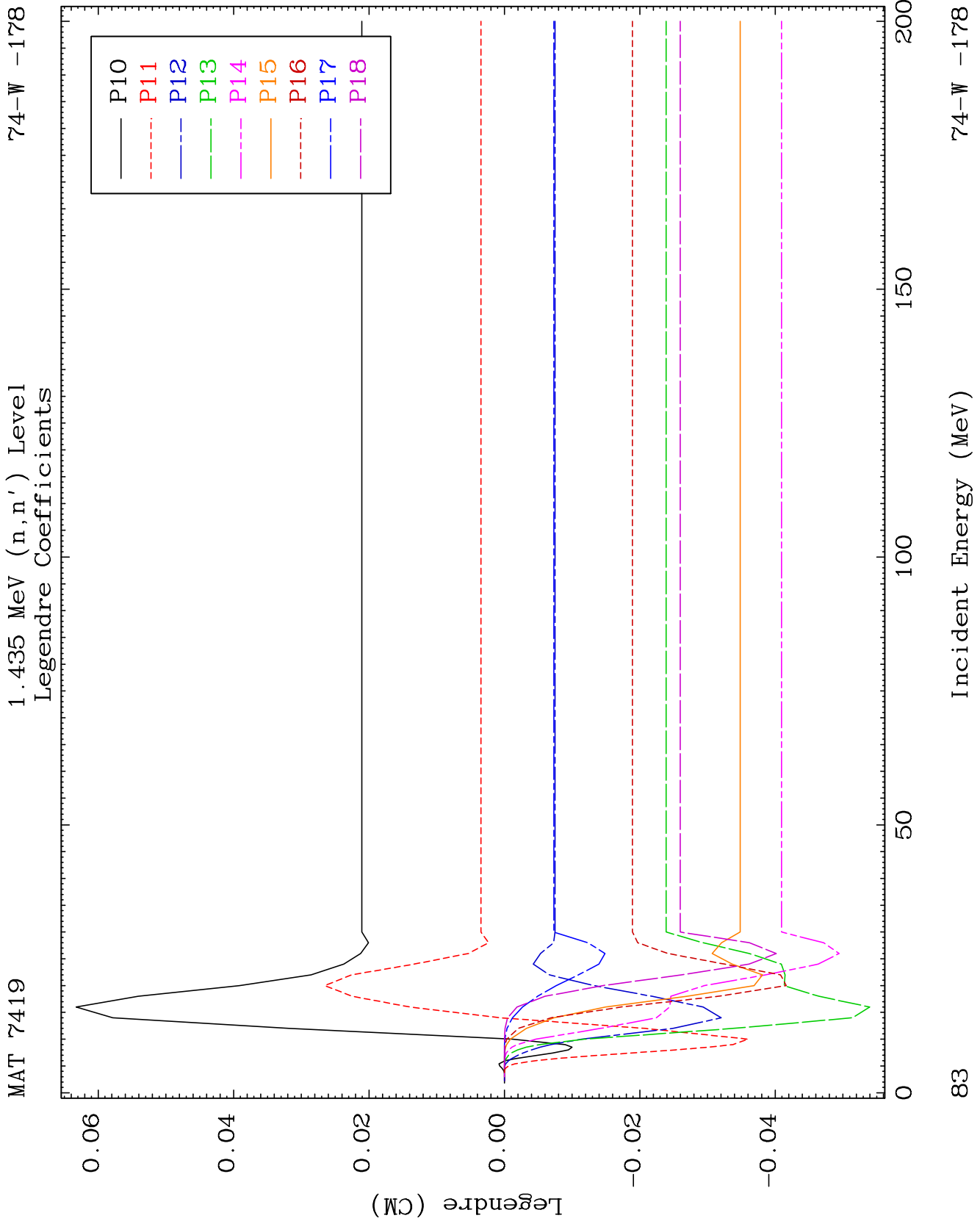
74-W -178

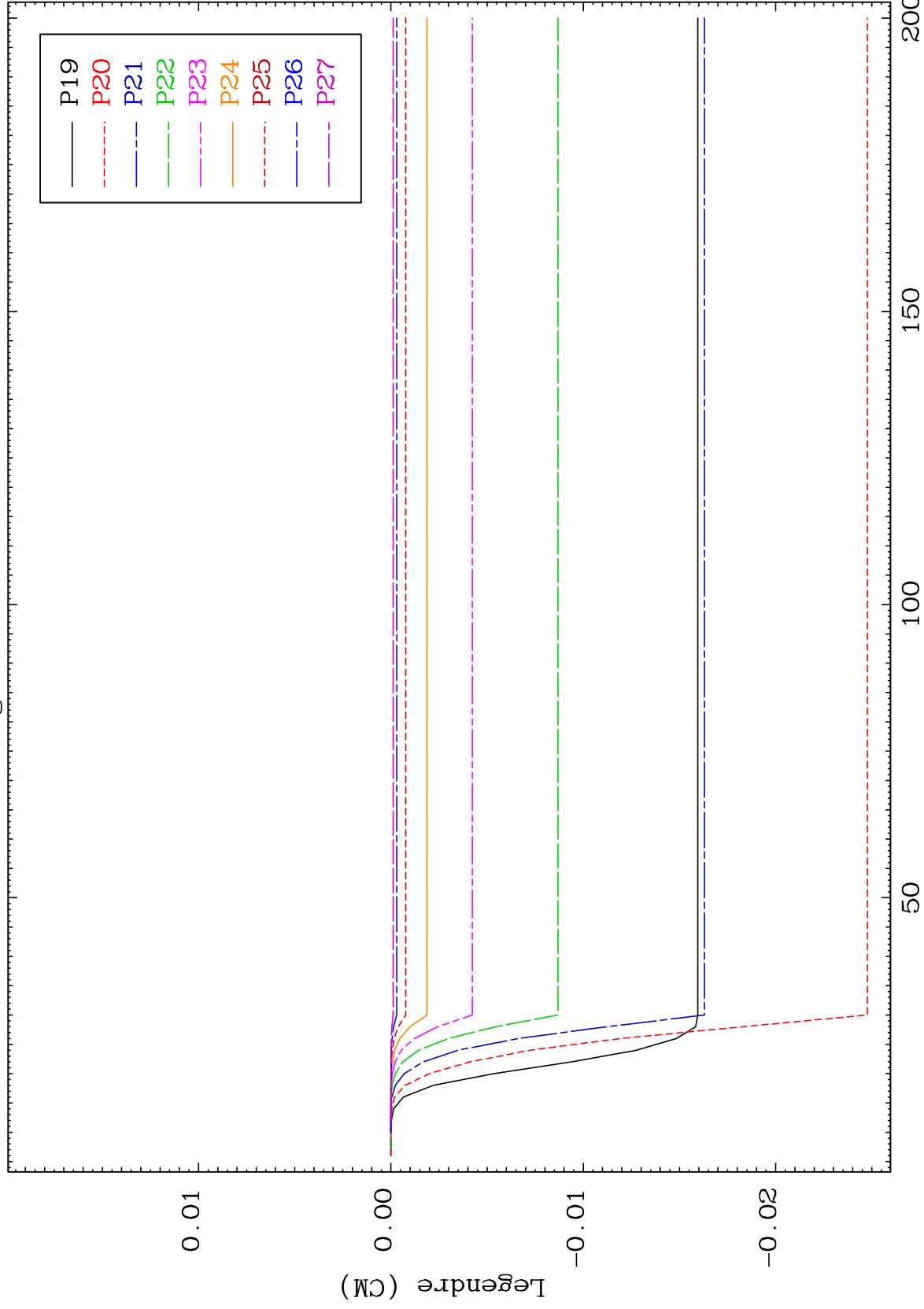


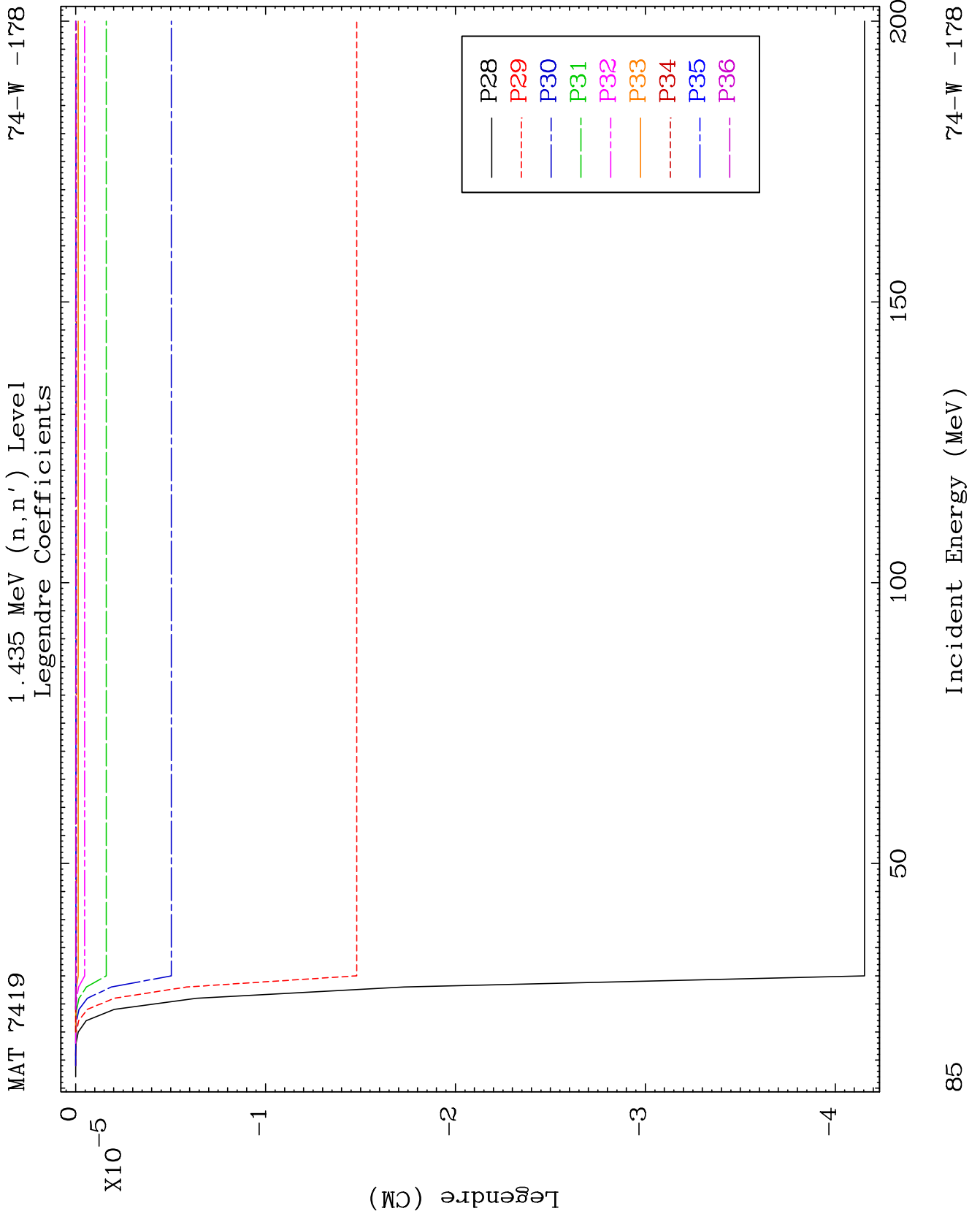
82

Incident Energy (MeV)

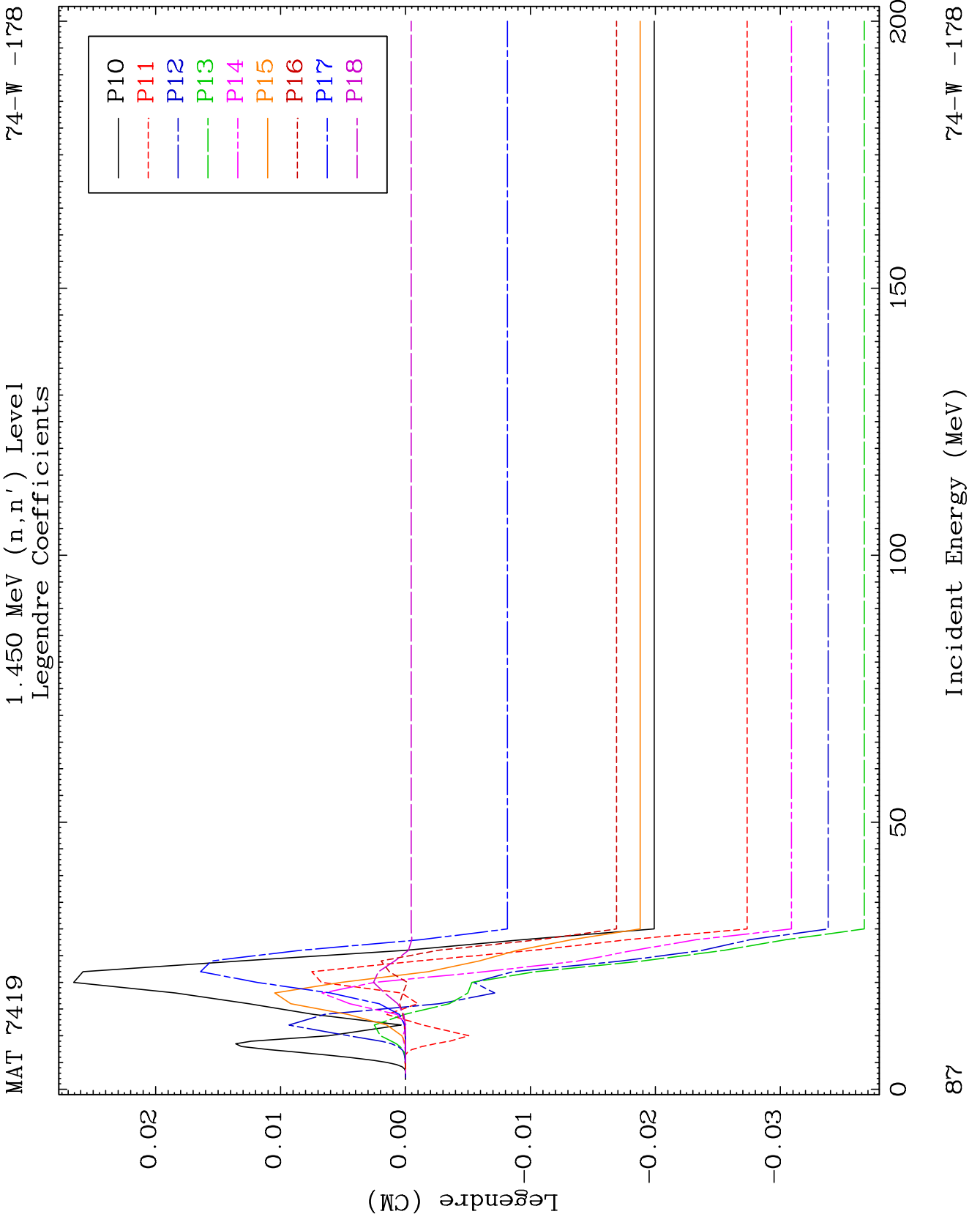
74-W -178



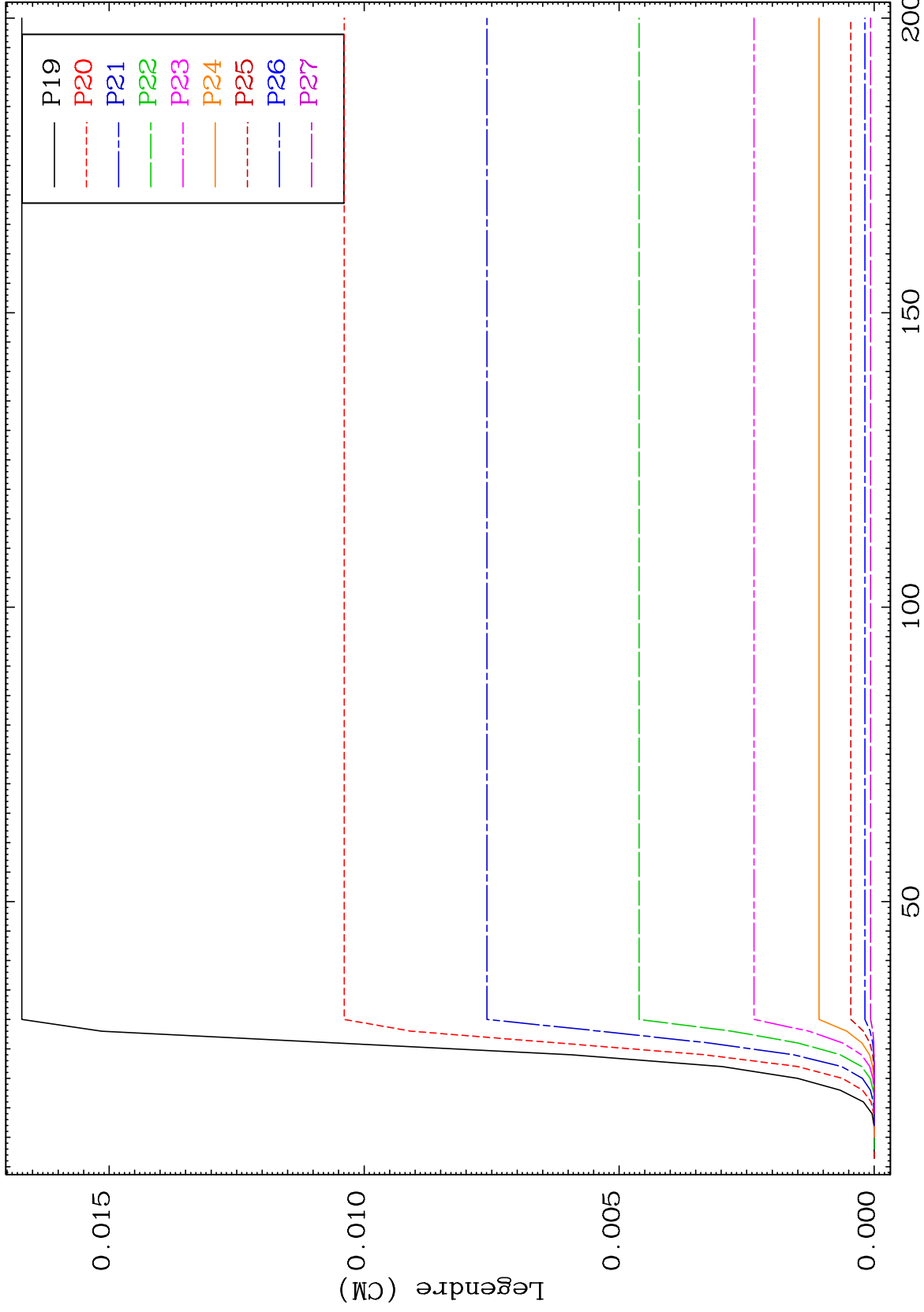


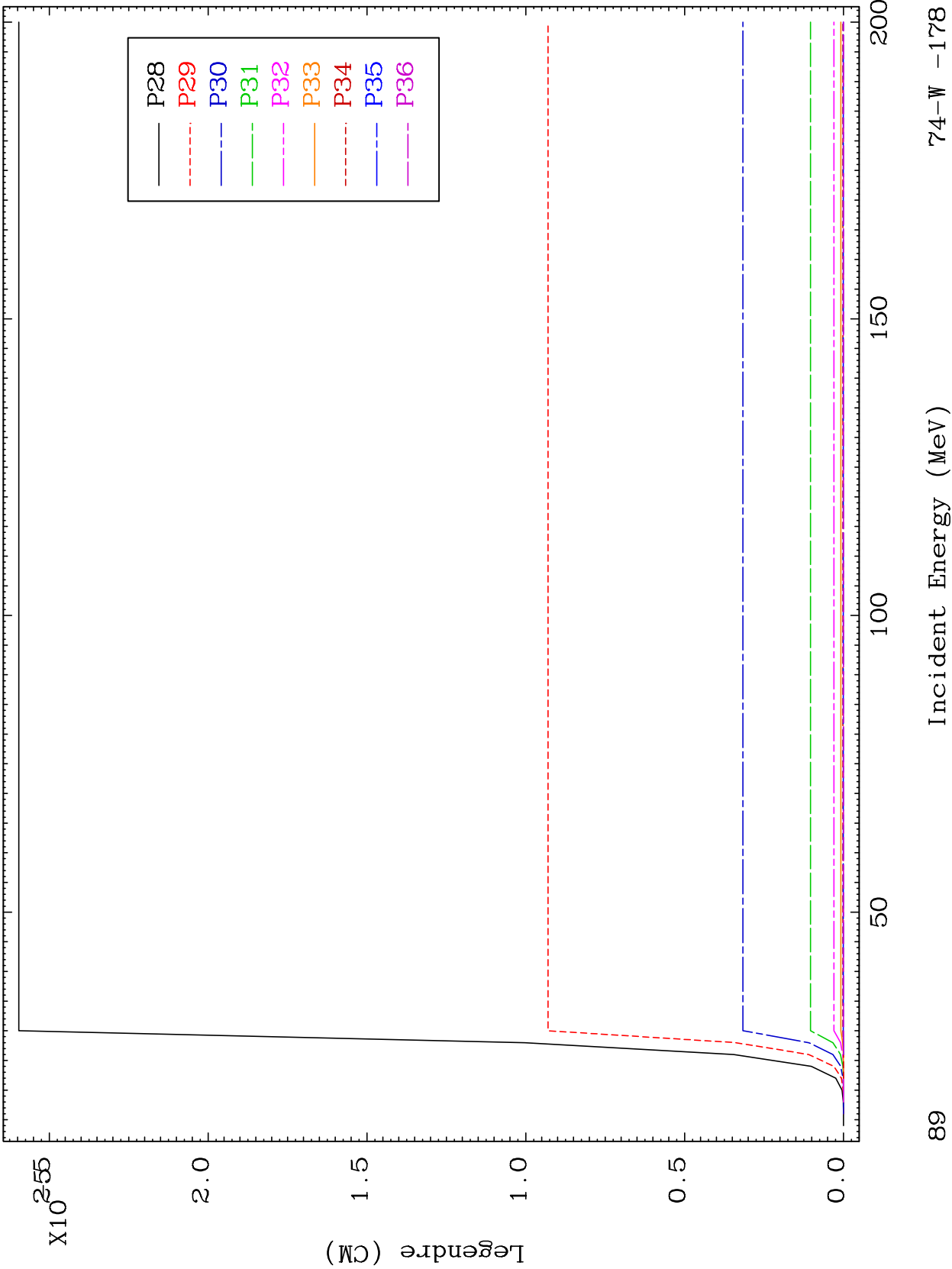








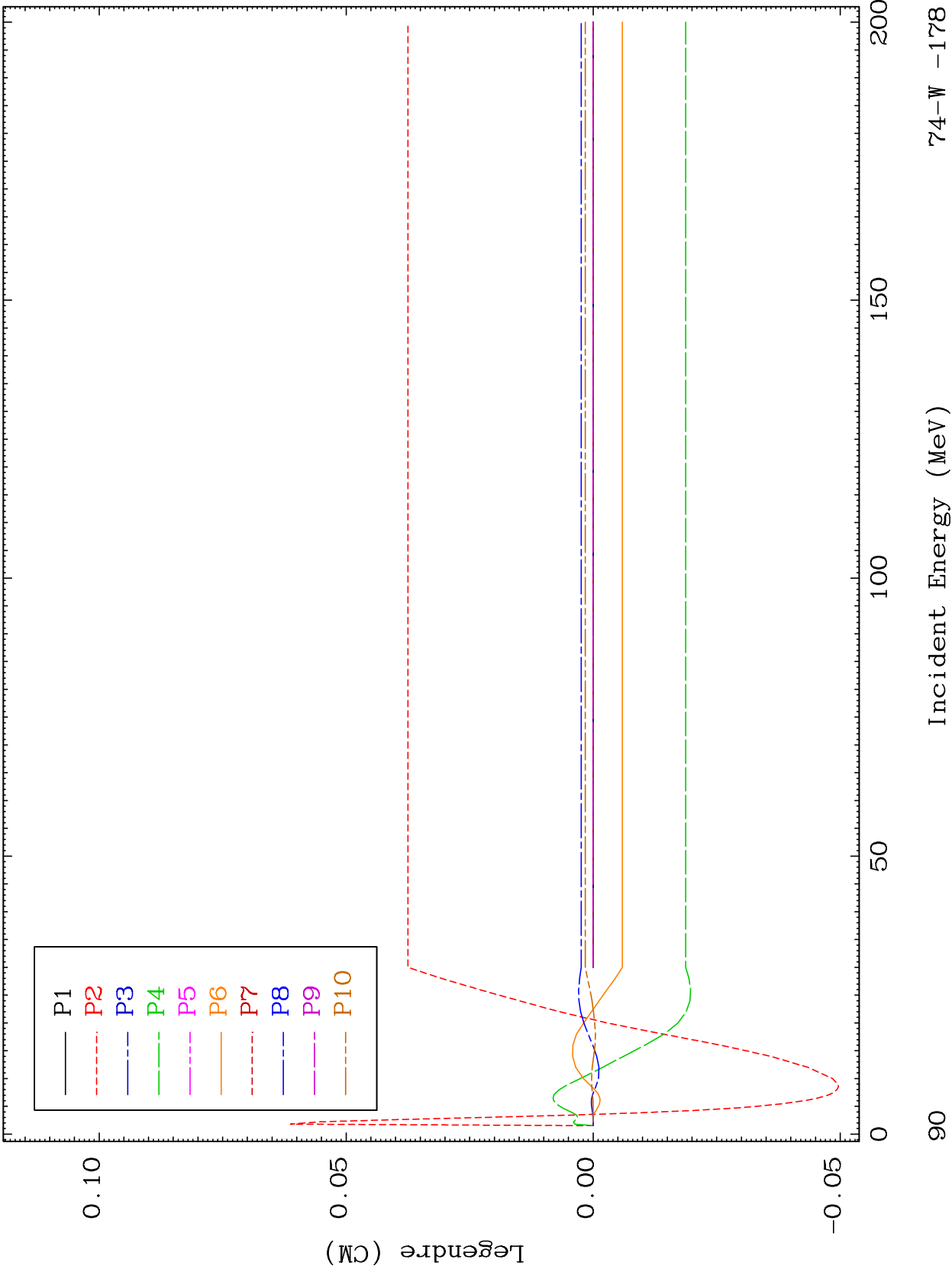




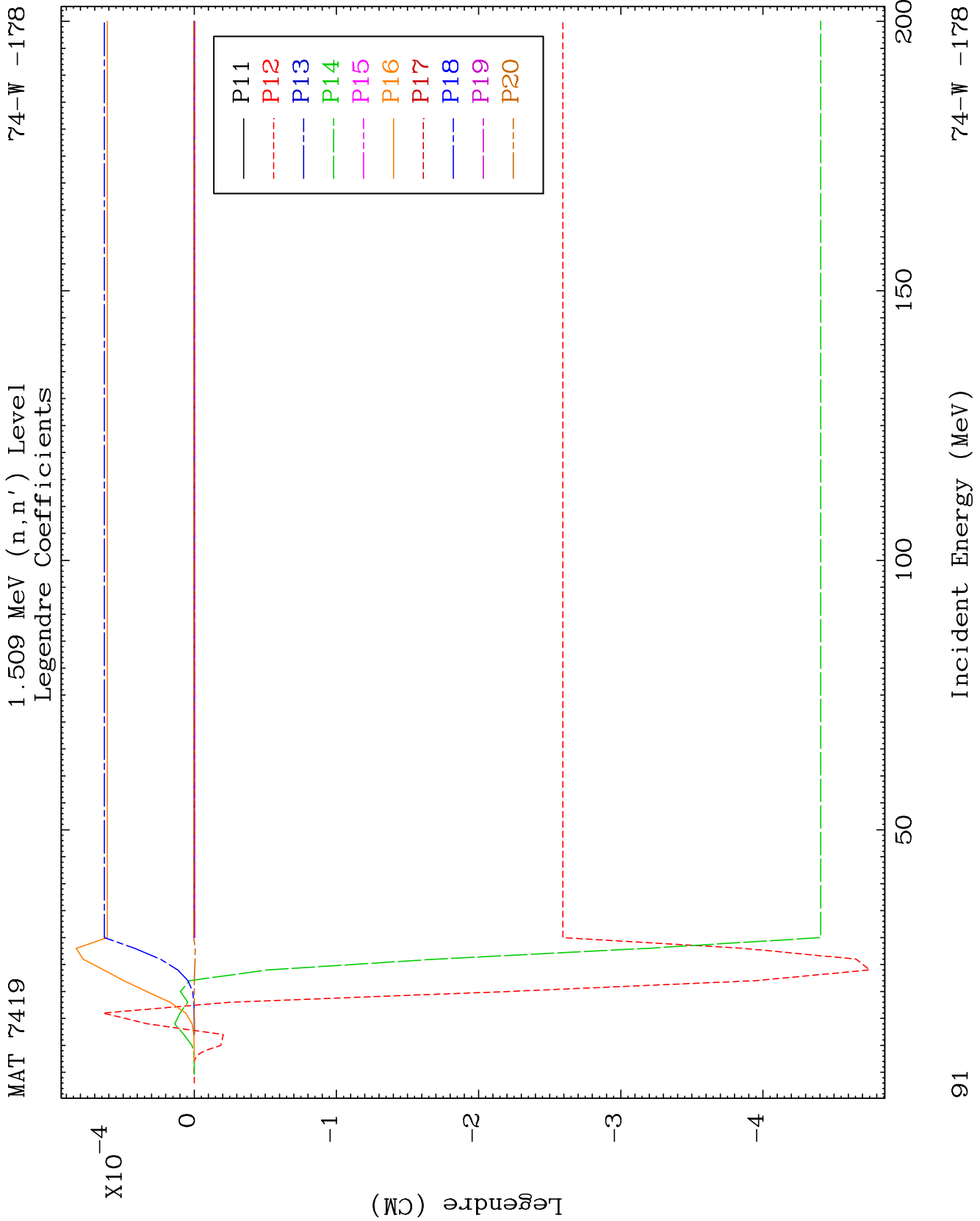
MAT 7419

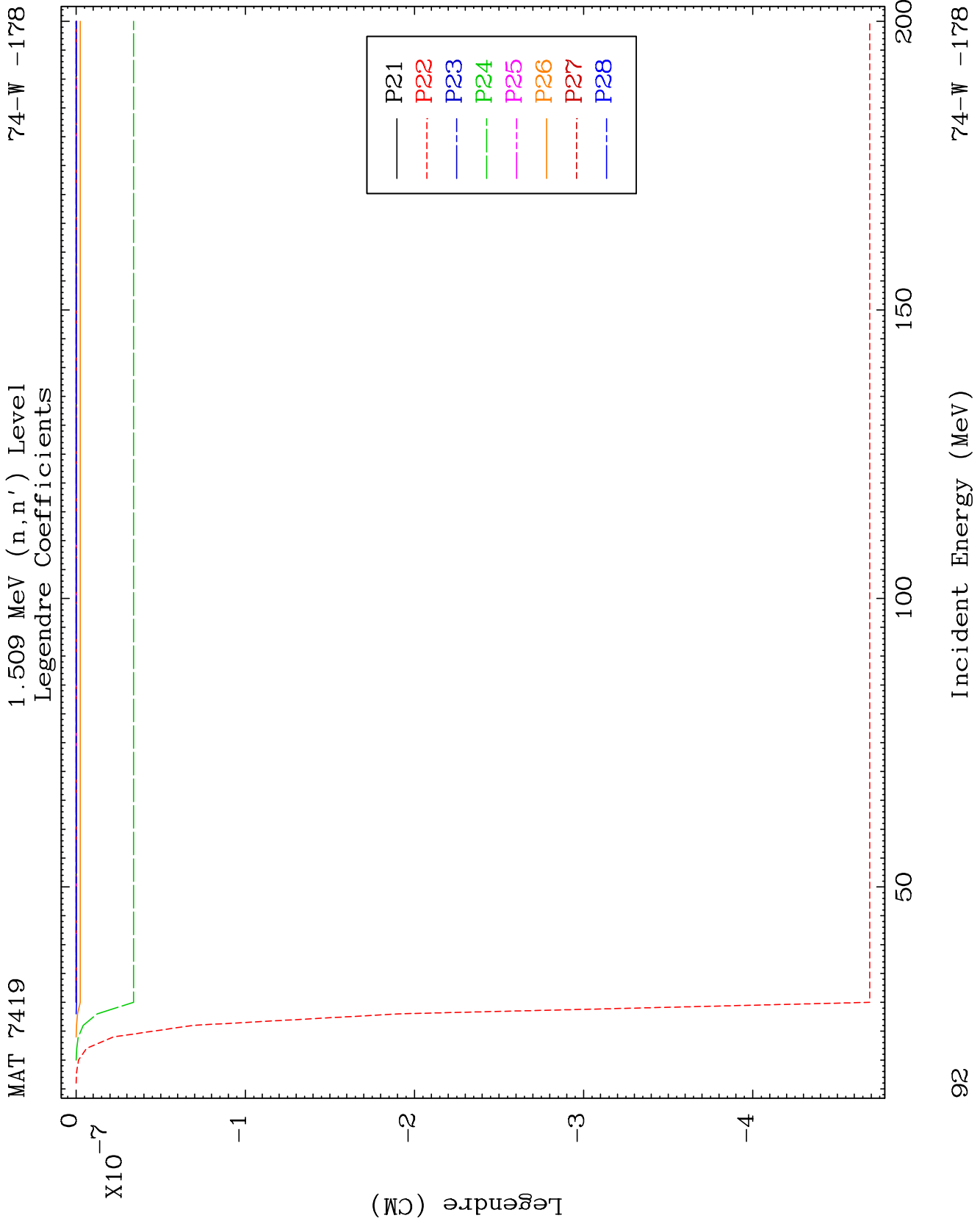
1.509 MeV (n,n') Level  
Legendre Coefficients

74-W -178



74-W -178

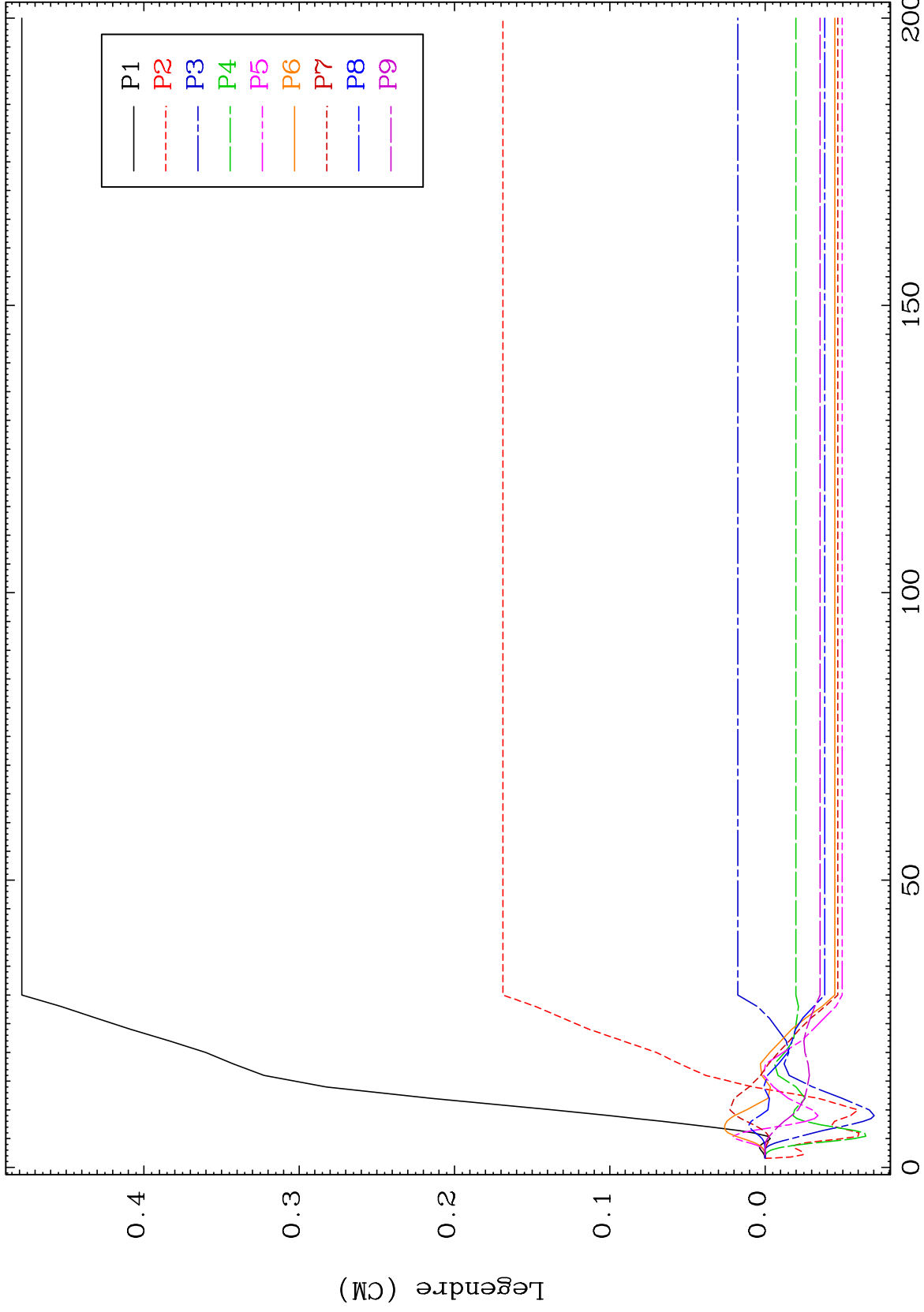




MAT 7419

1.545 MeV (n,n') Level  
Legendre Coefficients

74-W -178



93

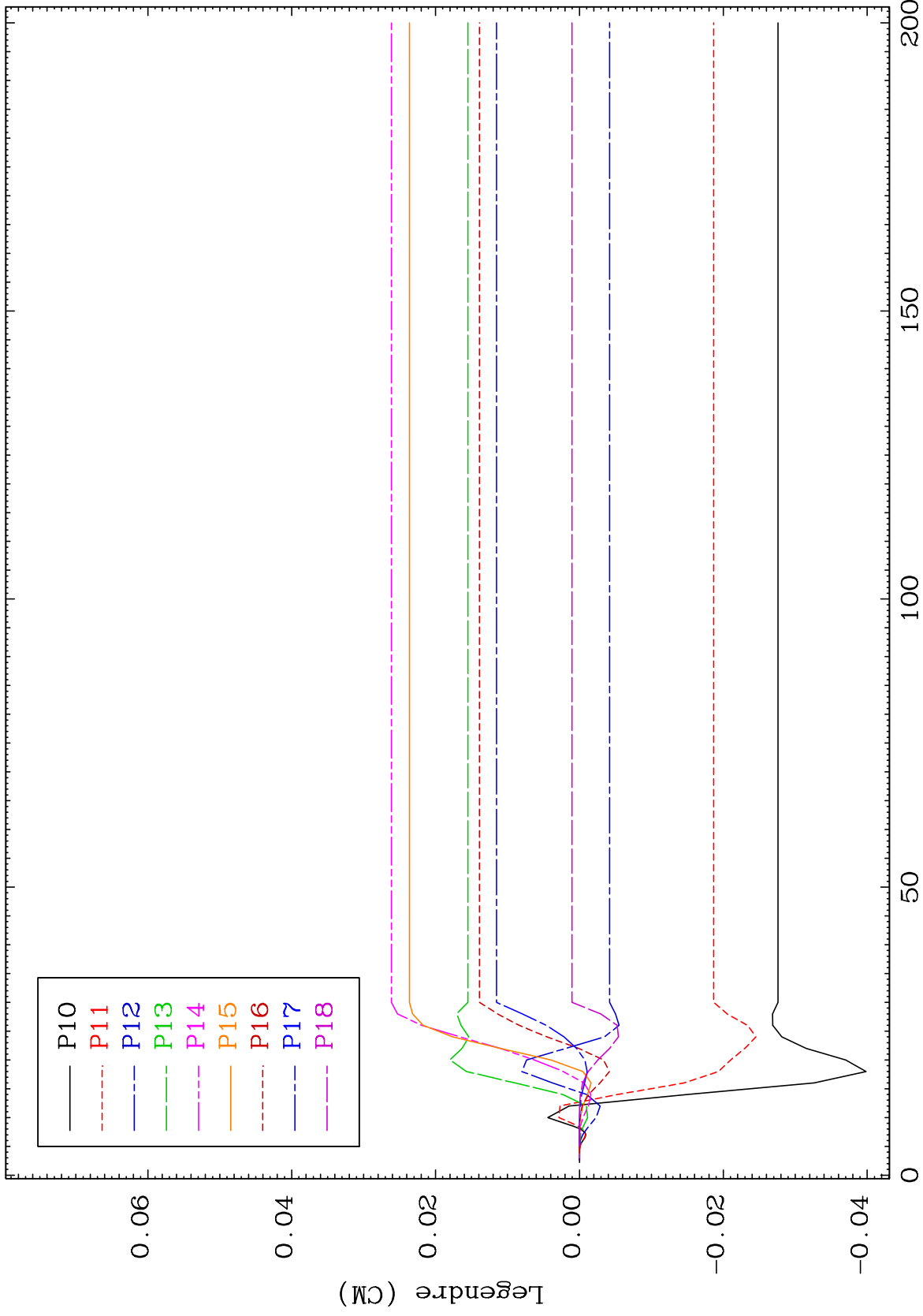
Incident Energy (MeV)

74-W -178

MAT 7419

1.545 MeV (n,n') Level  
Legendre Coefficients

74-W -178



94

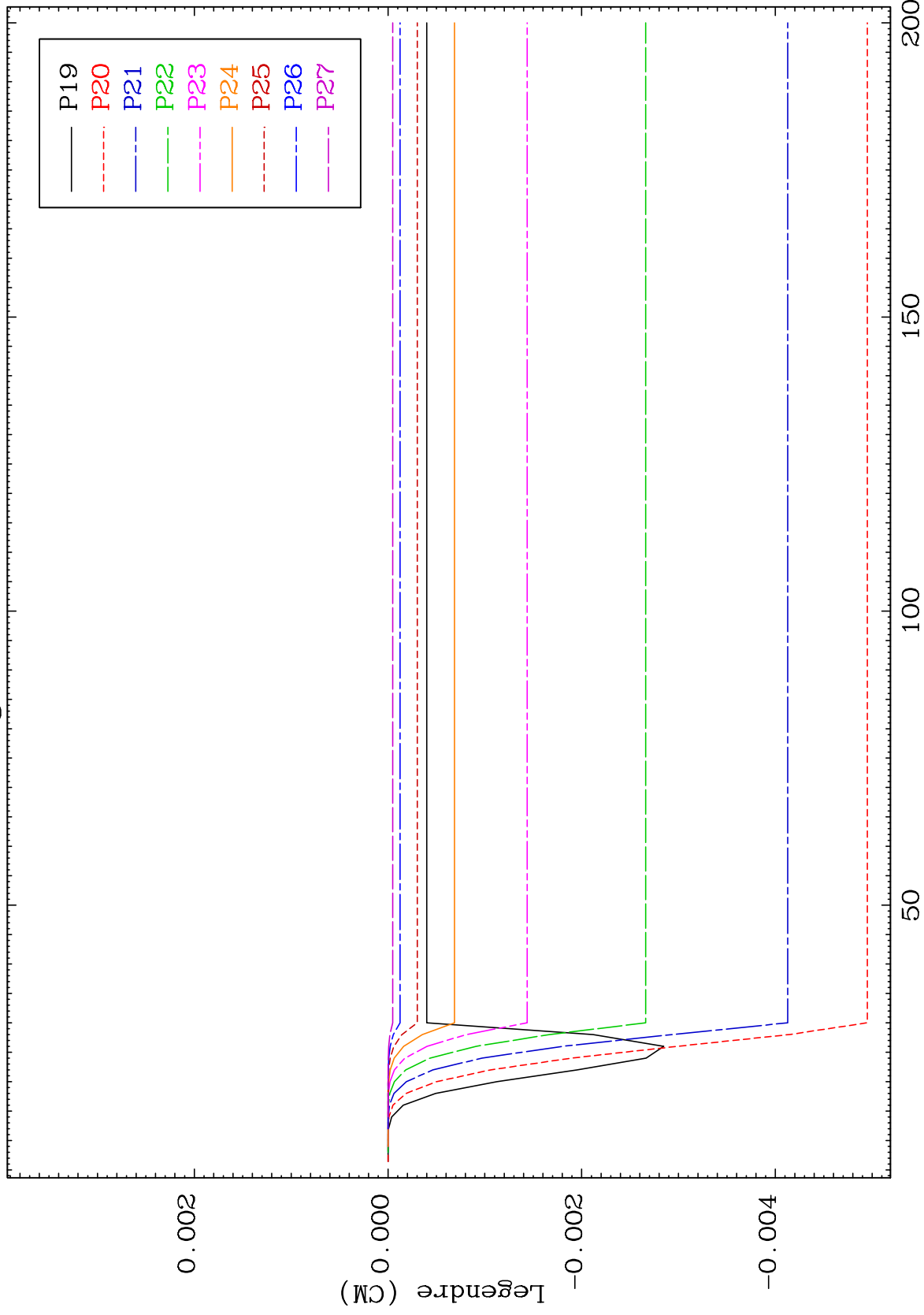
Incident Energy (MeV)

74-W -178

MAT 7419

1.545 MeV (n, n') Level  
Legendre Coefficients

74-W -178

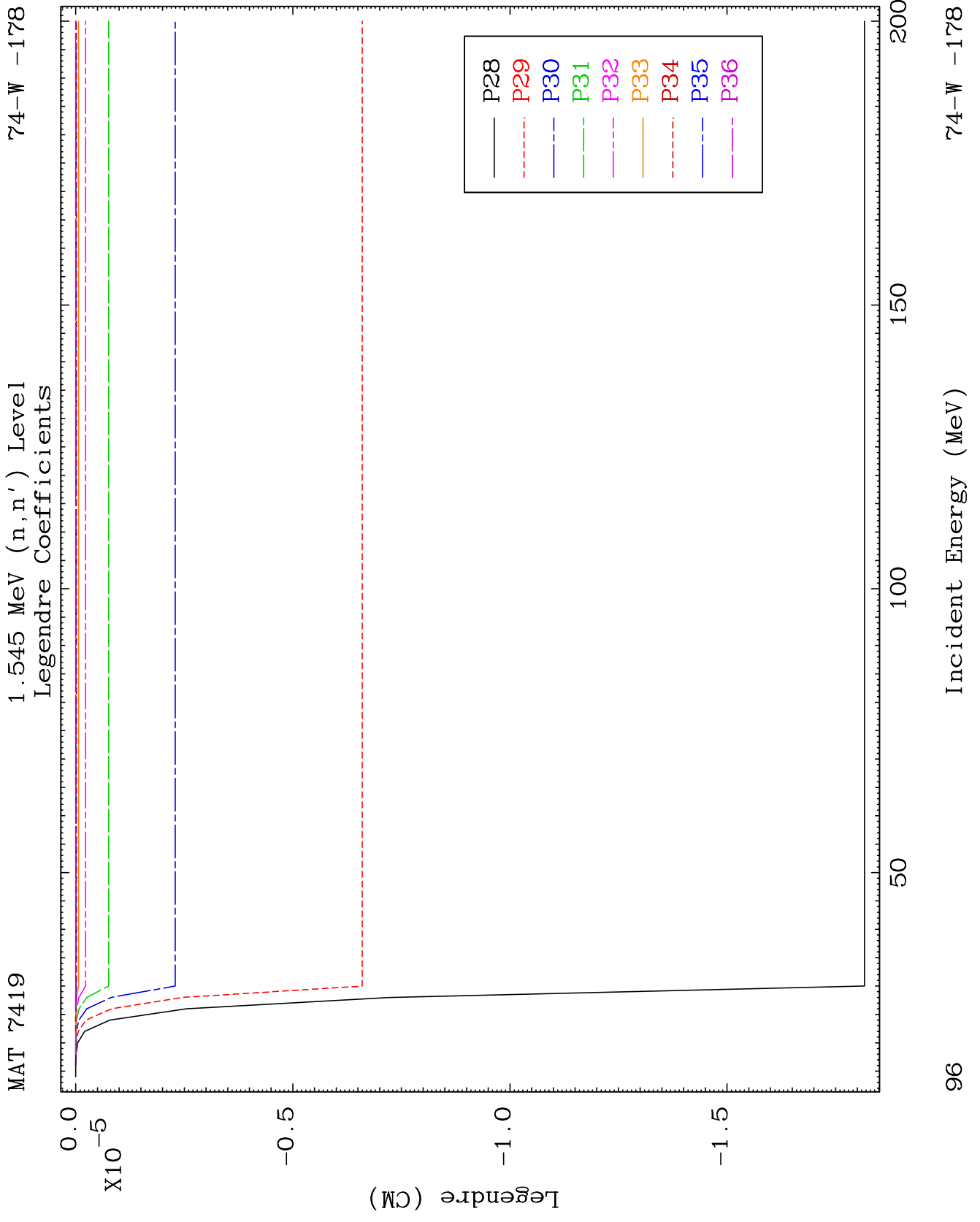


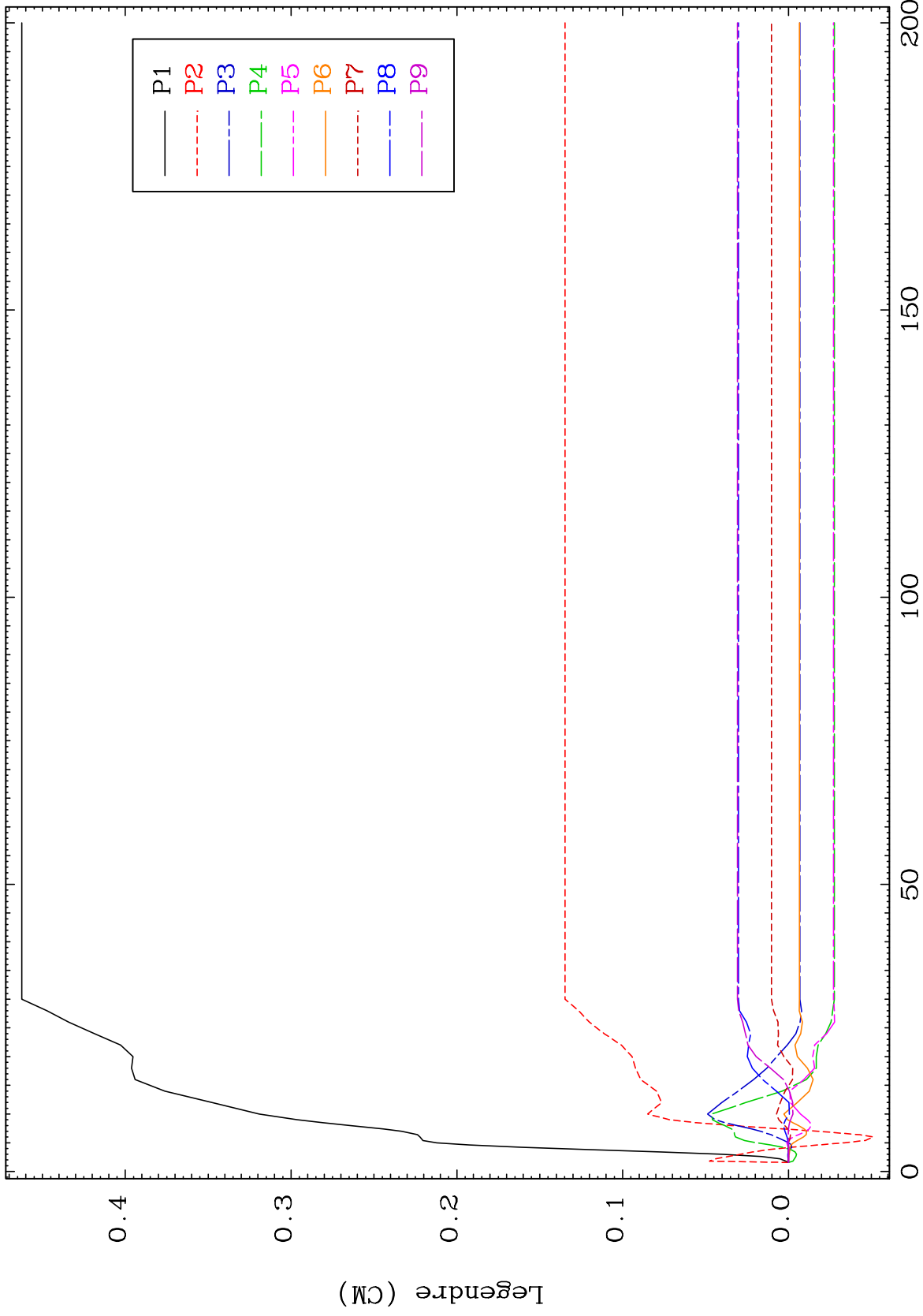
95

Incident Energy (MeV)

74-W -178



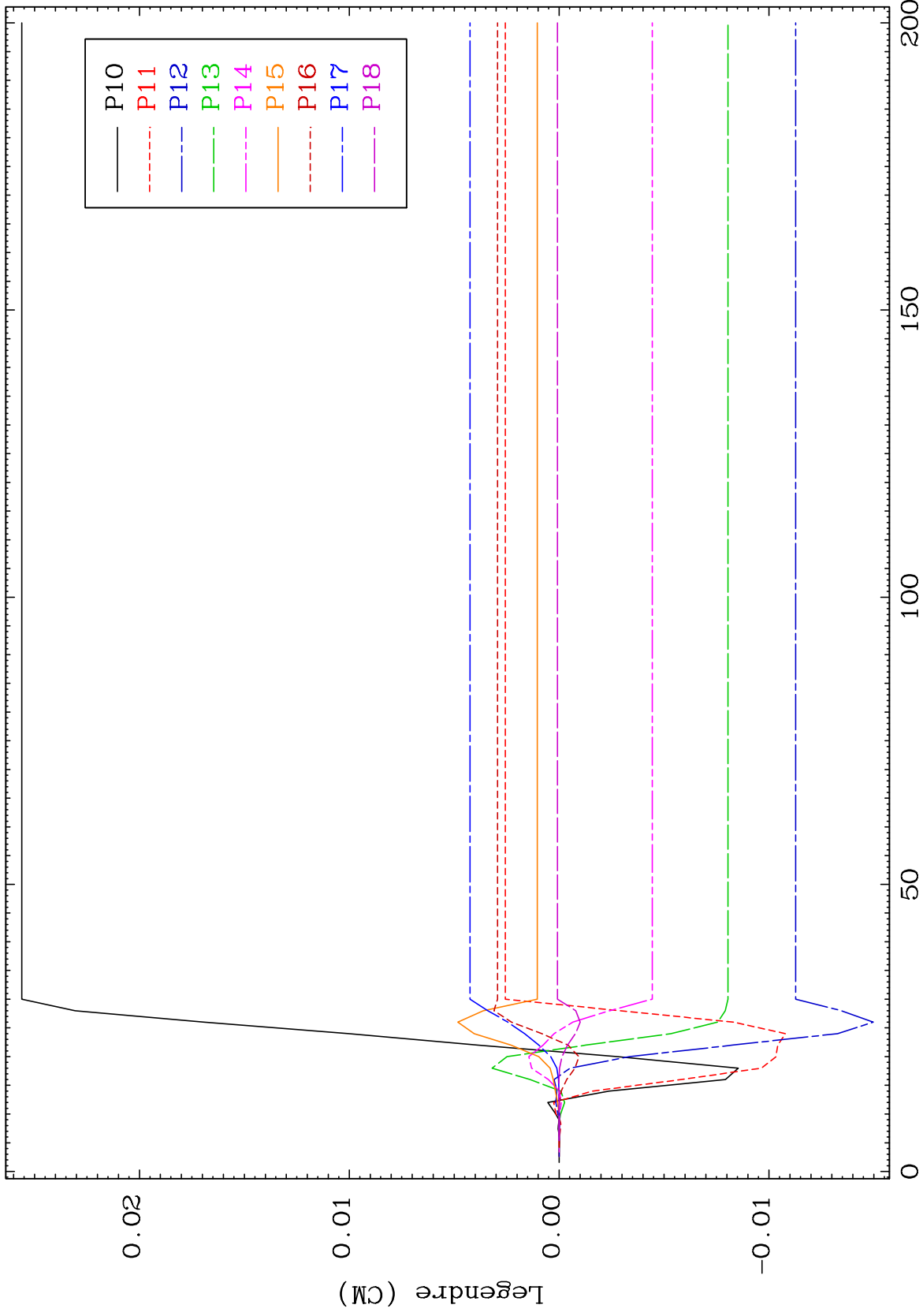




MAT 7419

1.556 MeV (n,n') Level  
Legendre Coefficients

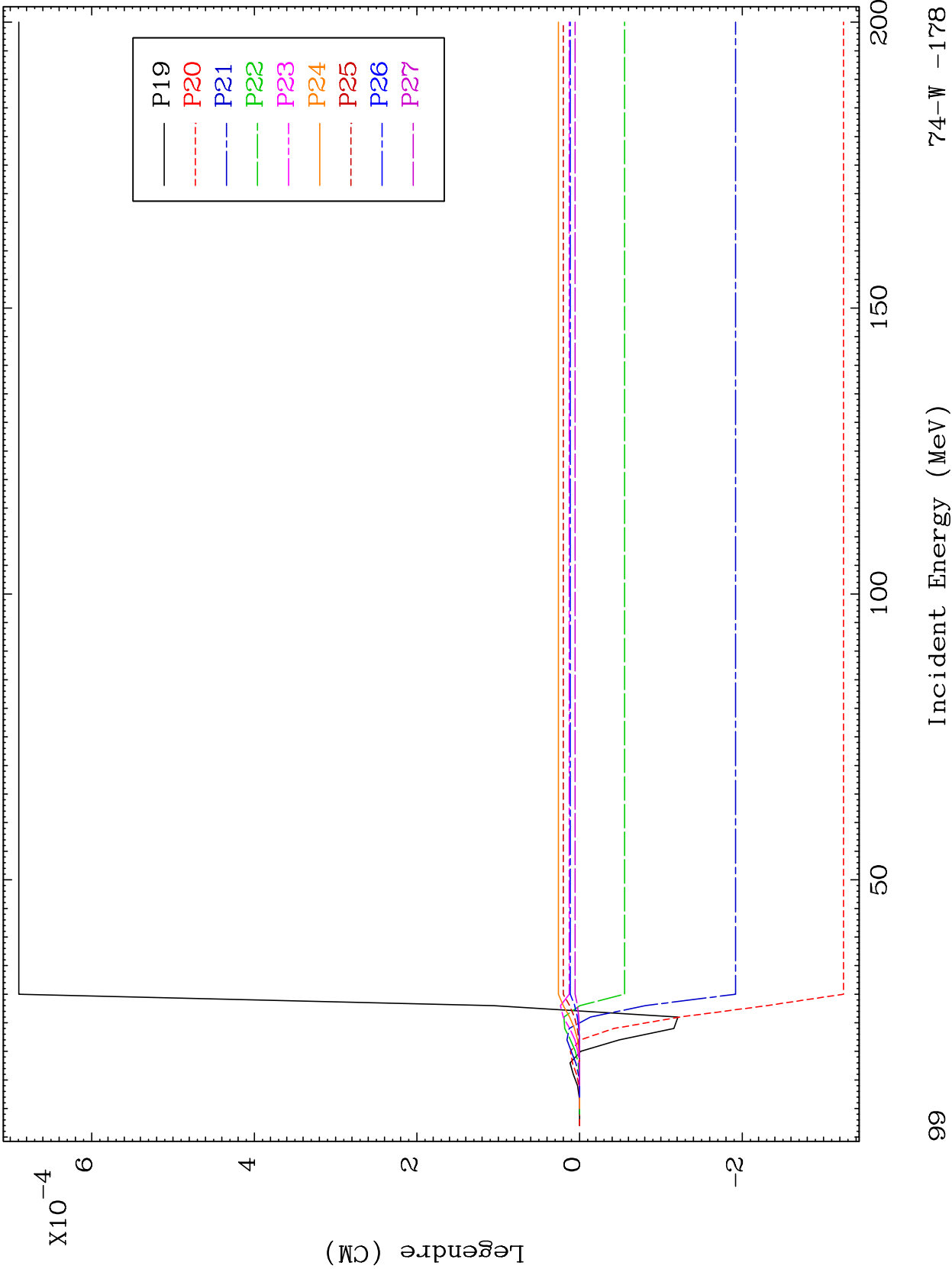
74-W -178



98

Incident Energy (MeV)

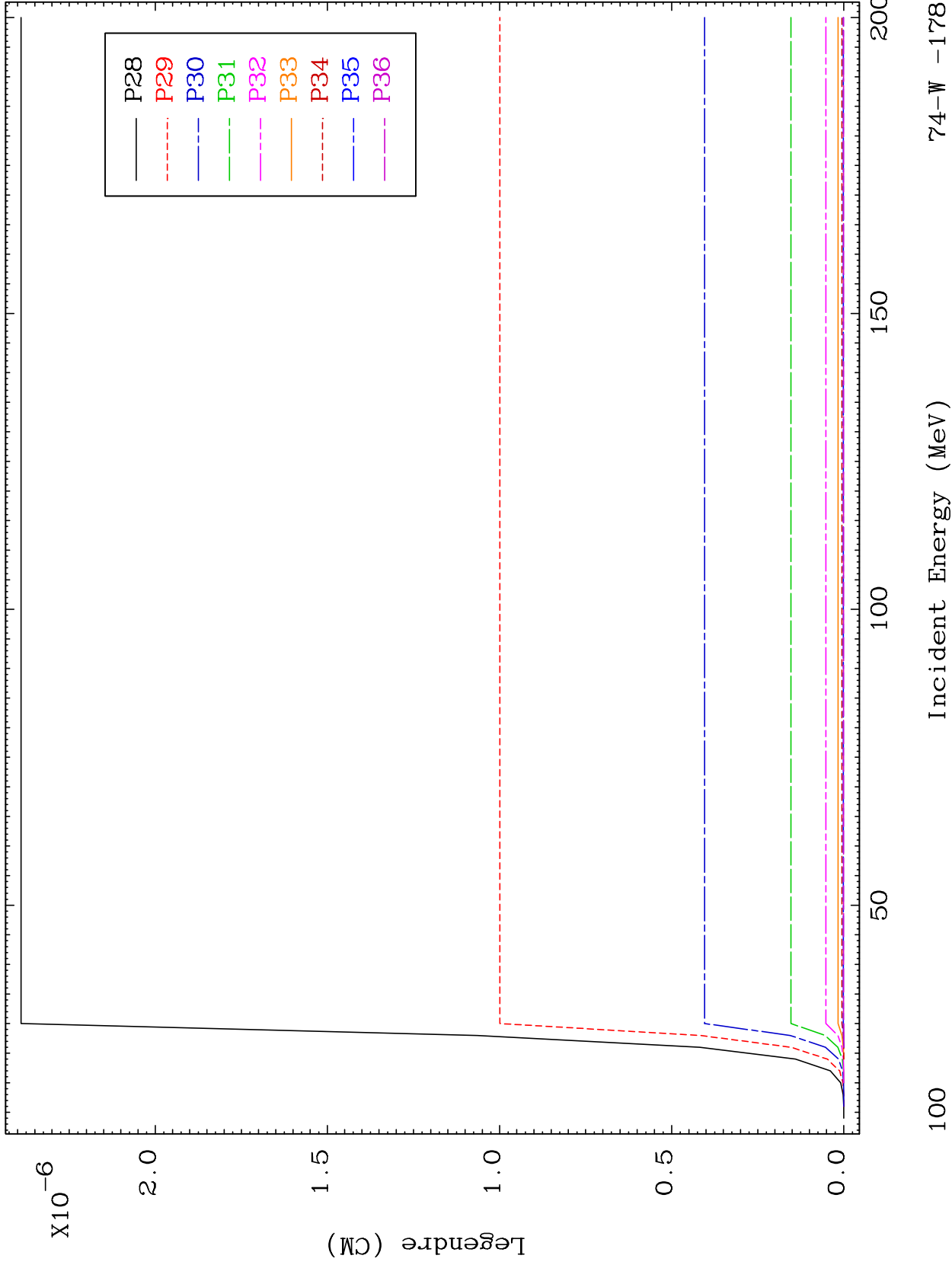
74-W -178

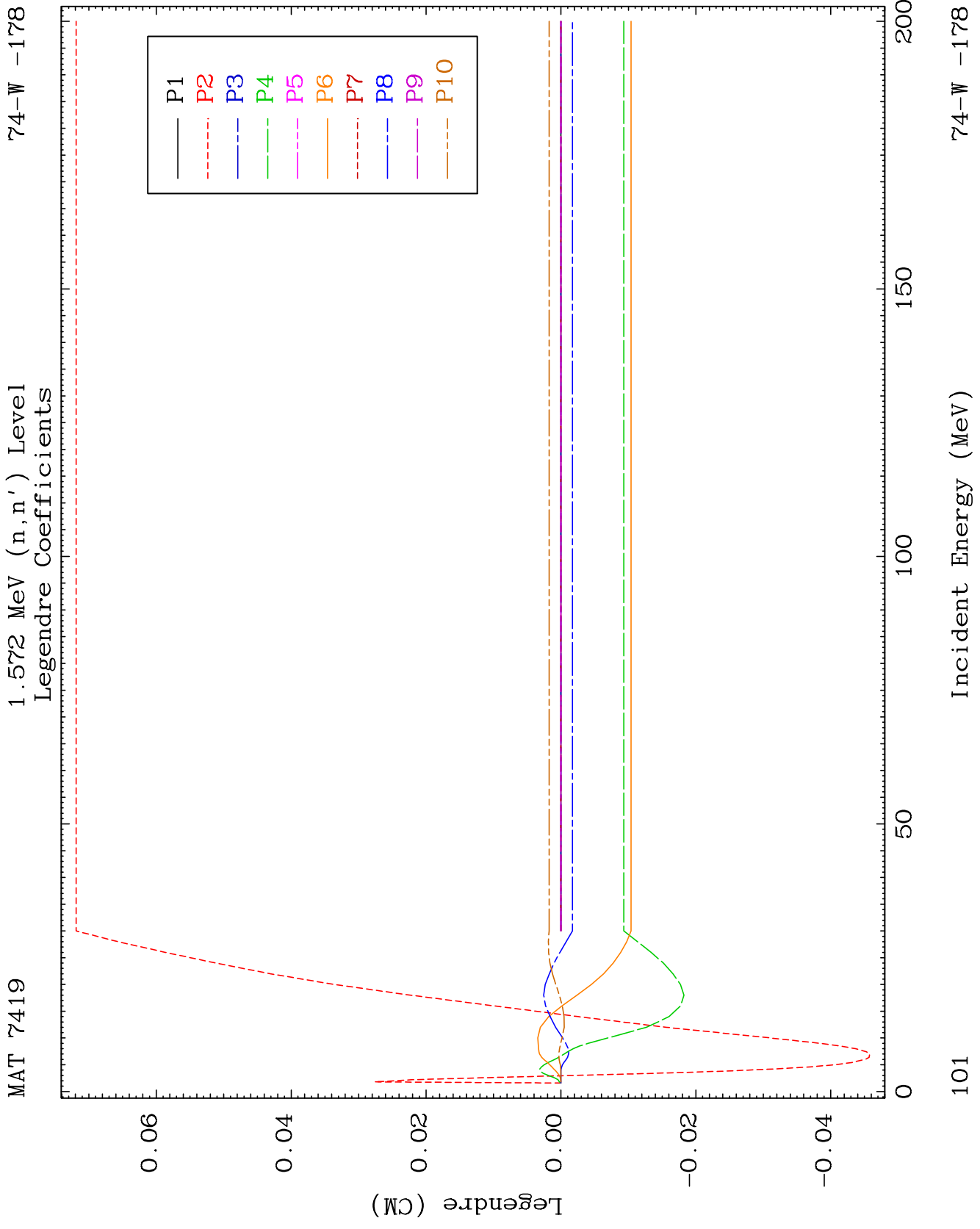


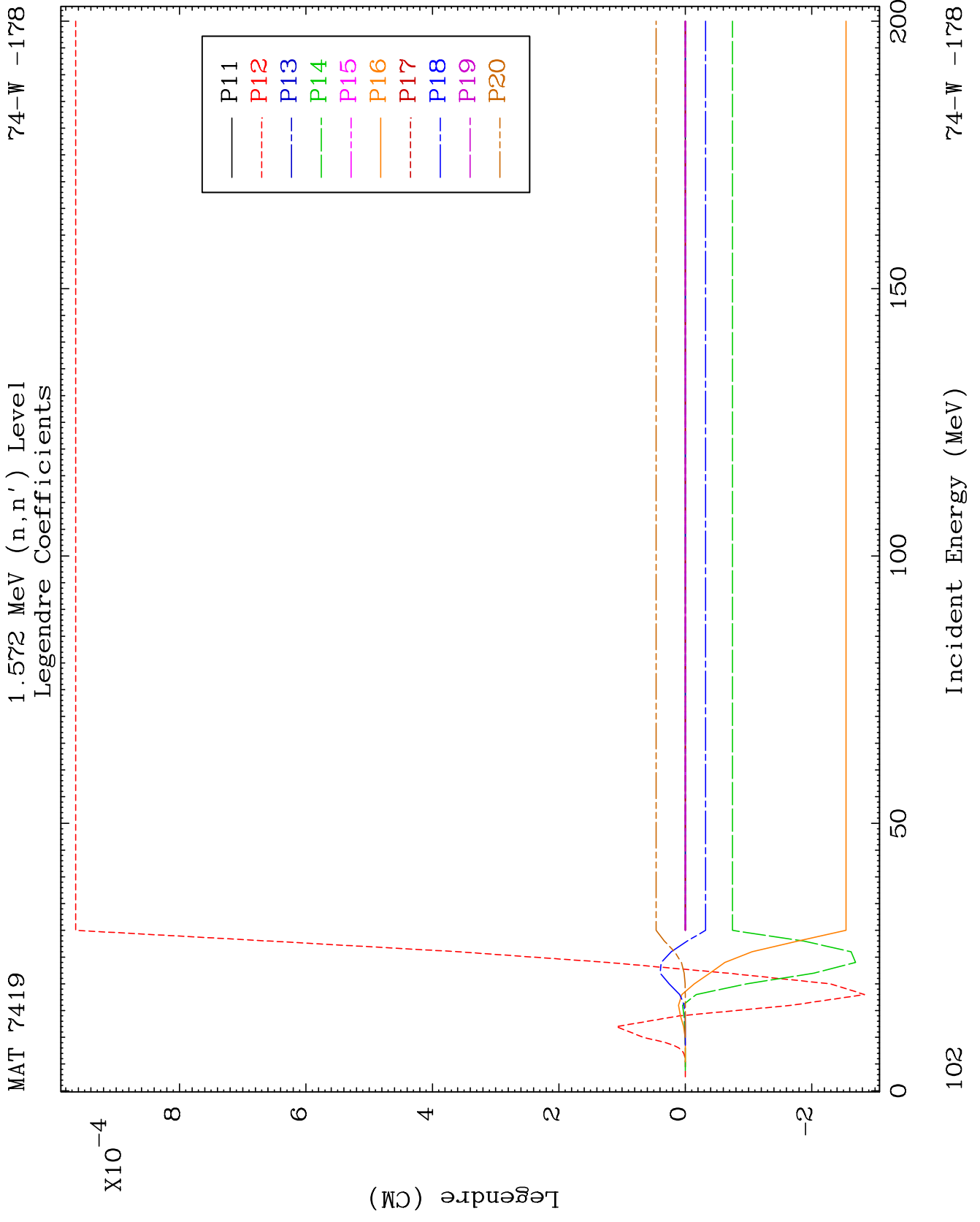
MAT 7419

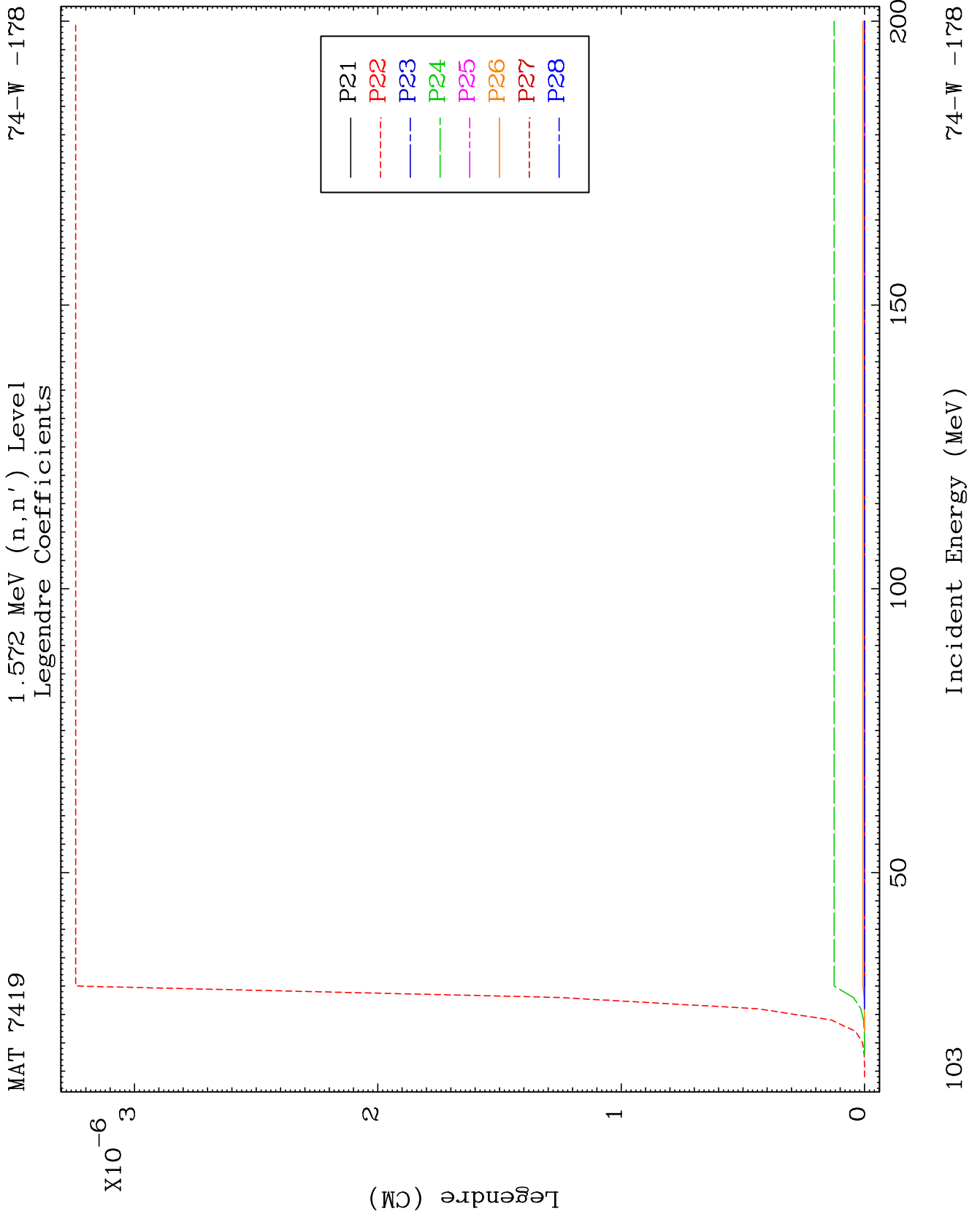
1.556 MeV (n,n') Level  
Legendre Coefficients

74-W -178







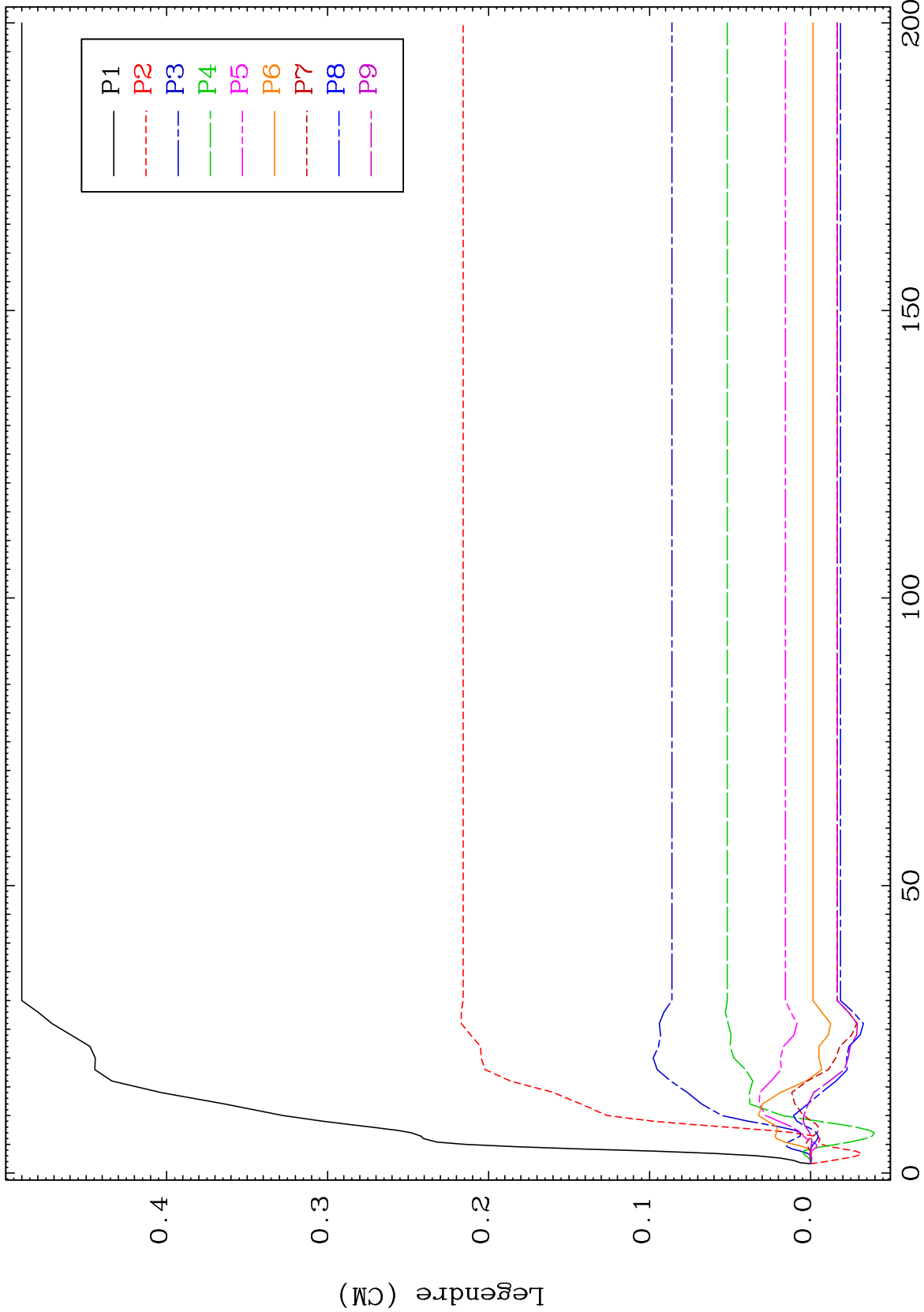




MAT 7419

1.598 MeV (n,n') Level  
Legendre Coefficients

74-W -178



104

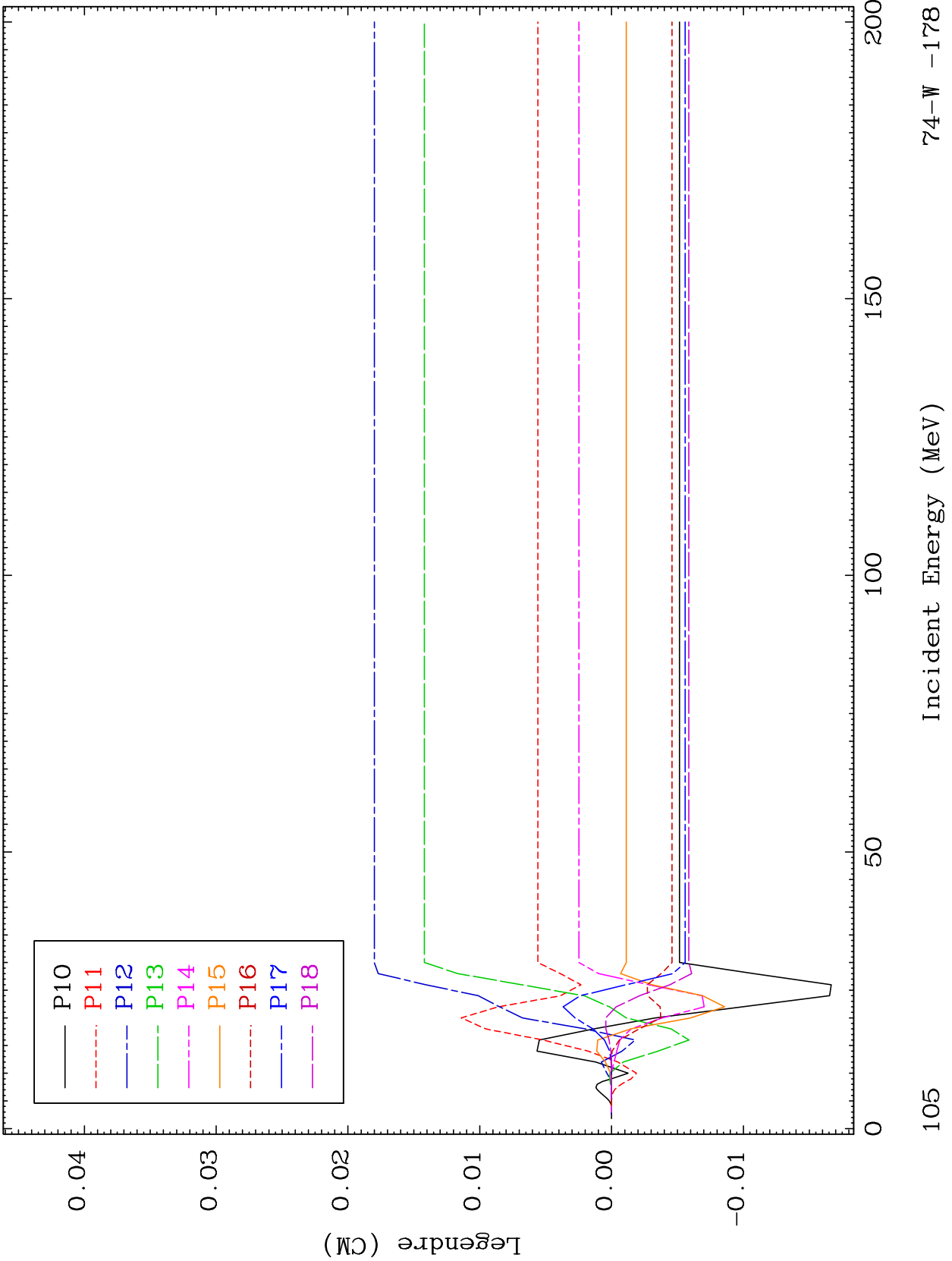
Incident Energy (MeV)

74-W -178

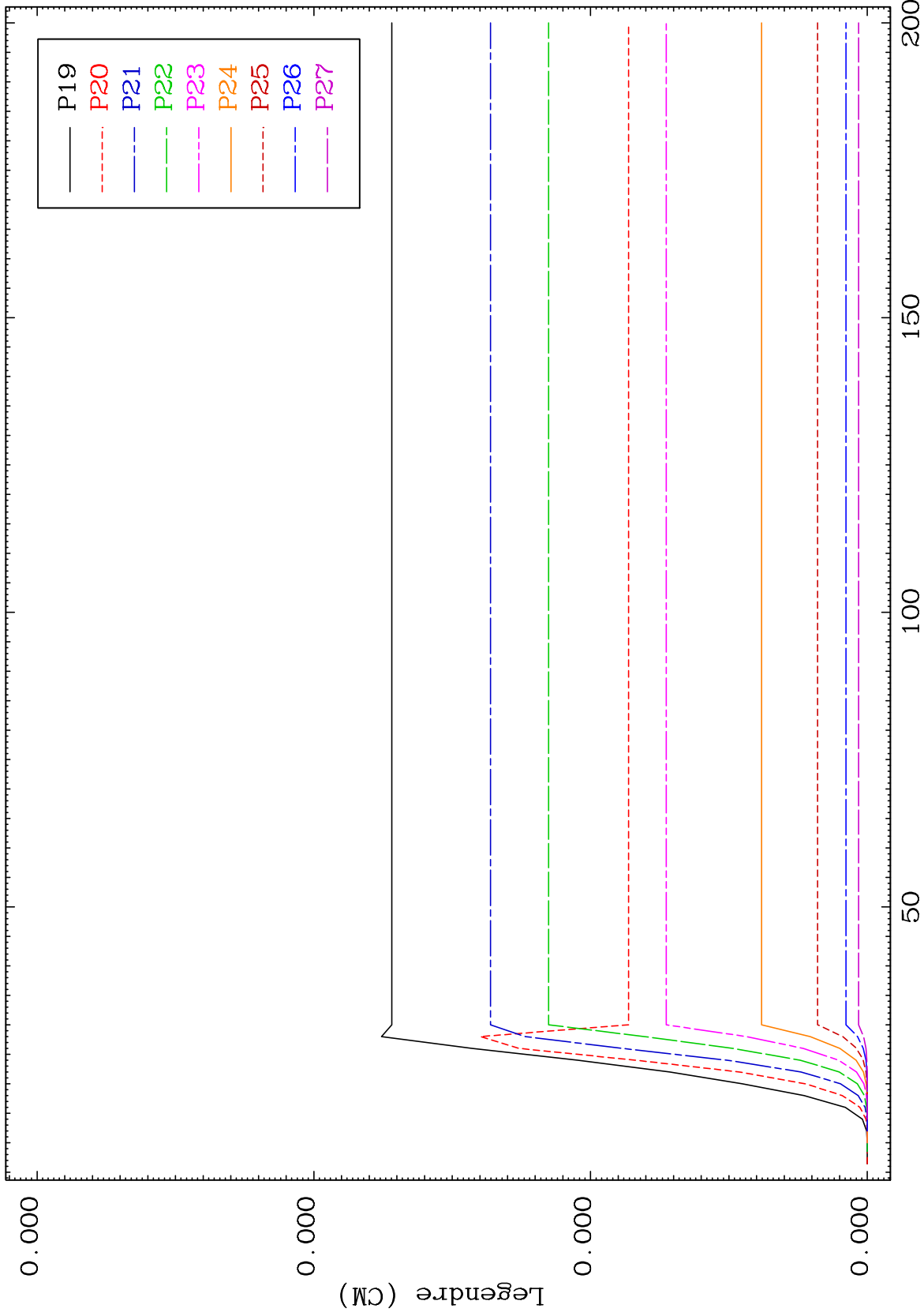
MAT 7419

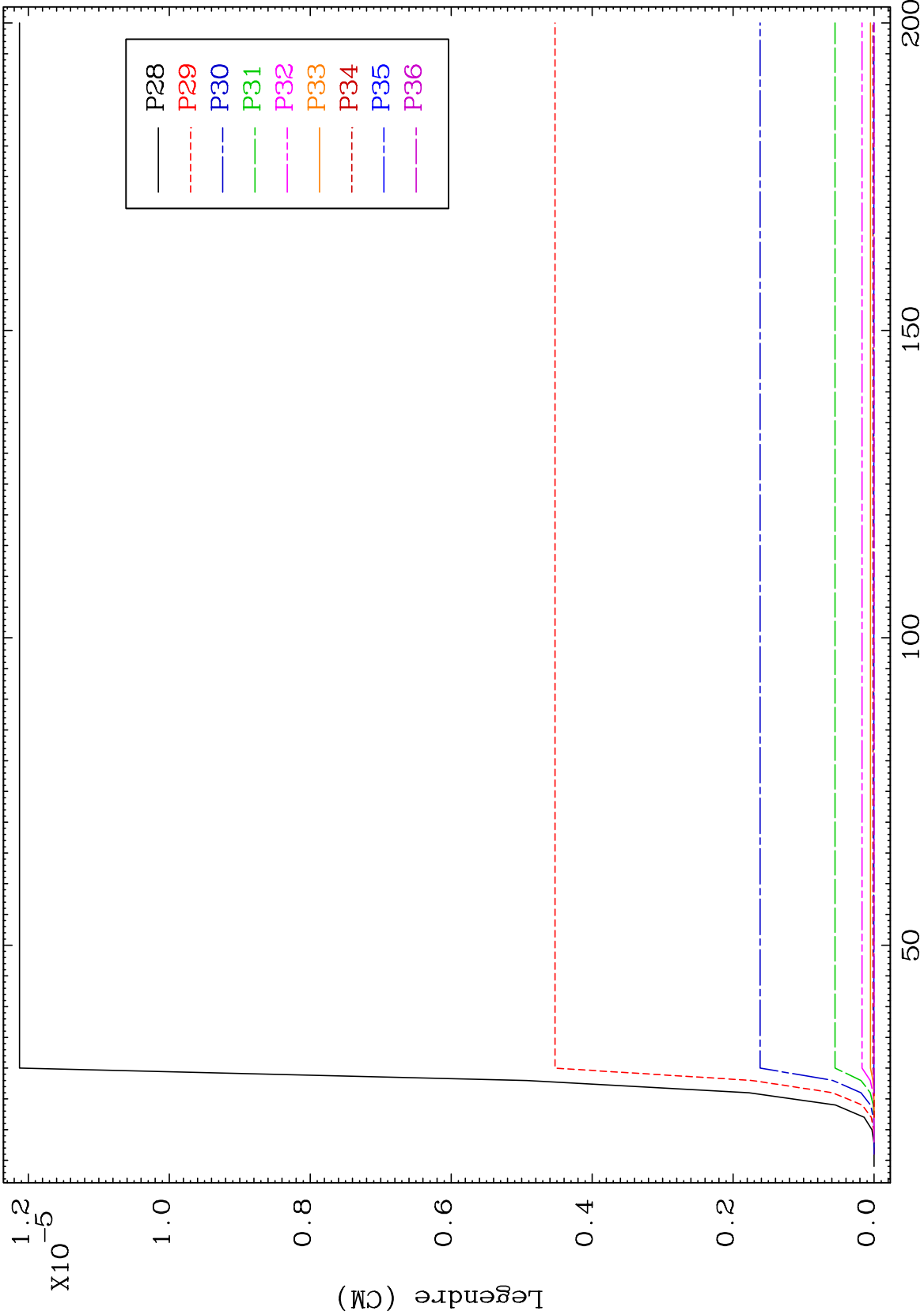
1.598 MeV (n, n') Level  
Legendre Coefficients

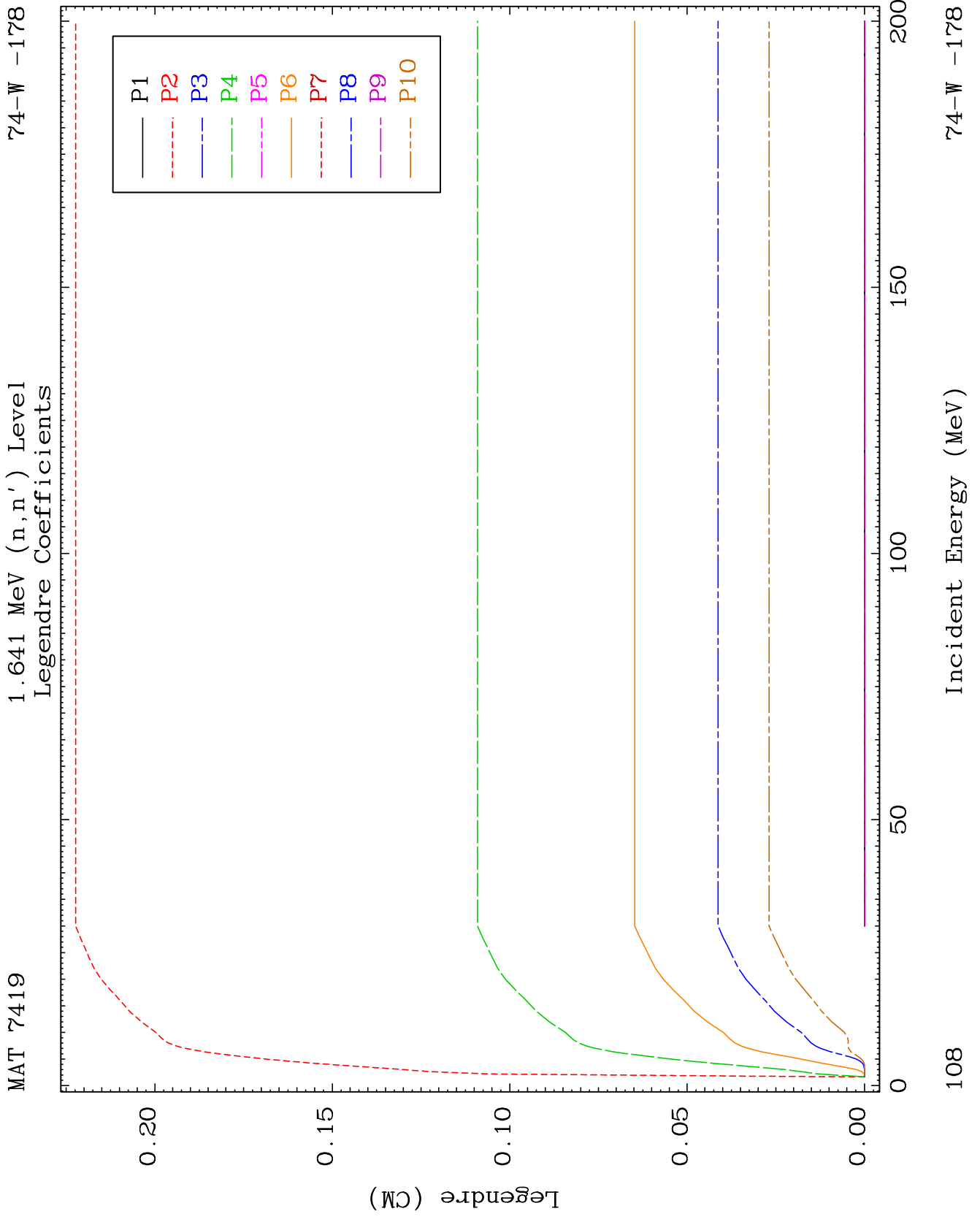
74-W -178



74-W -178



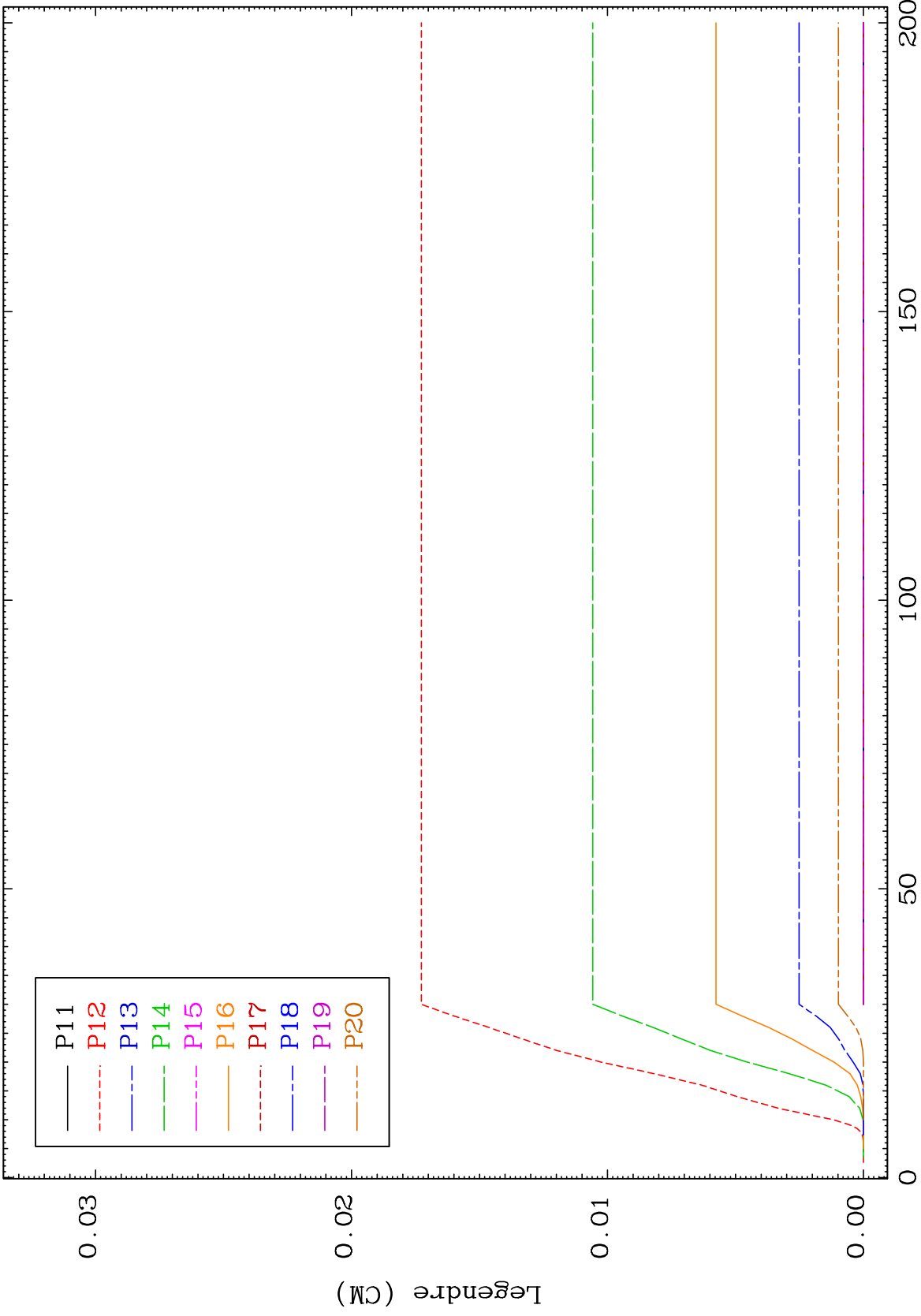




MAT 7419

1.641 MeV (n,n') Level  
Legendre Coefficients

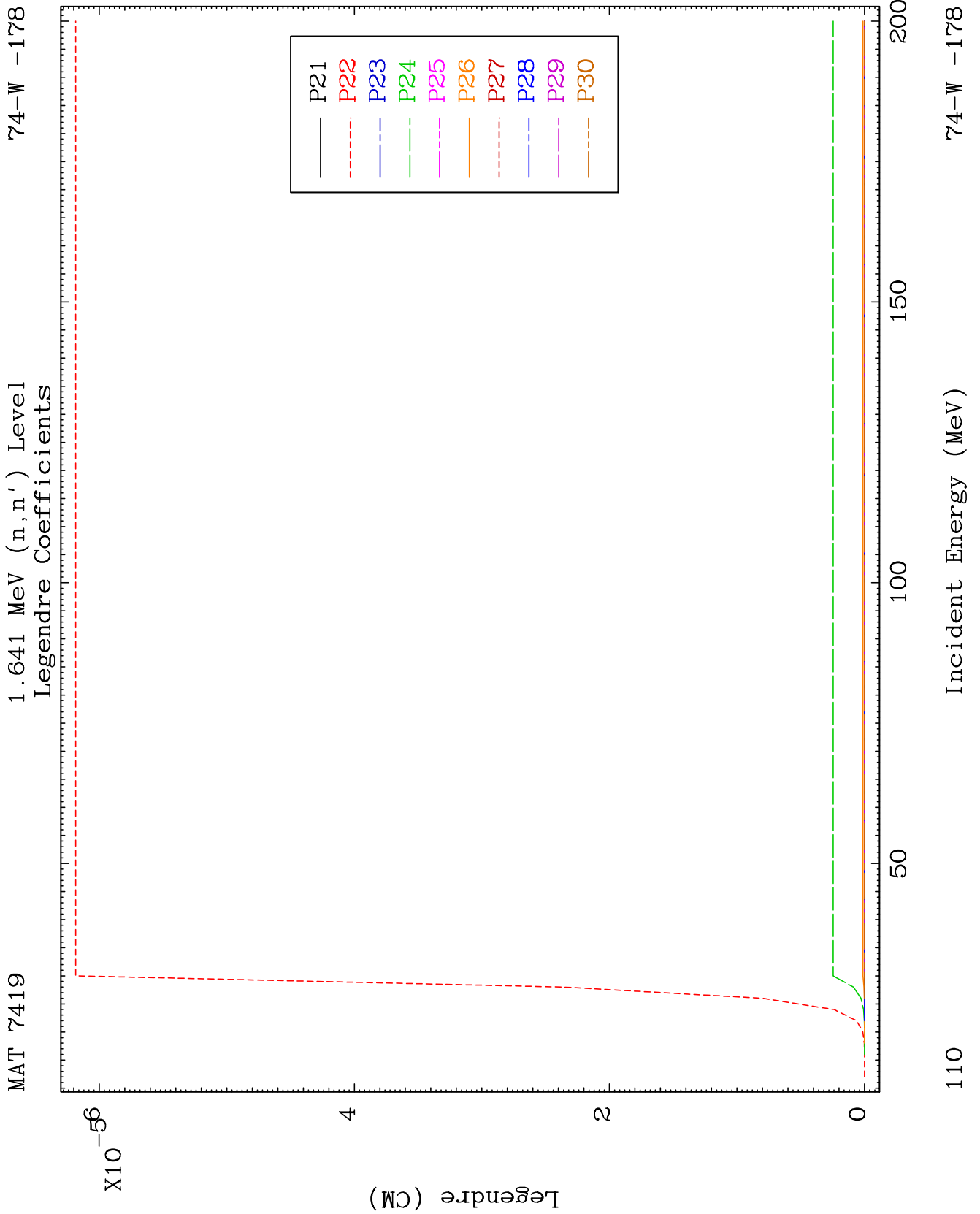
74-W -178



109

Incident Energy (MeV)

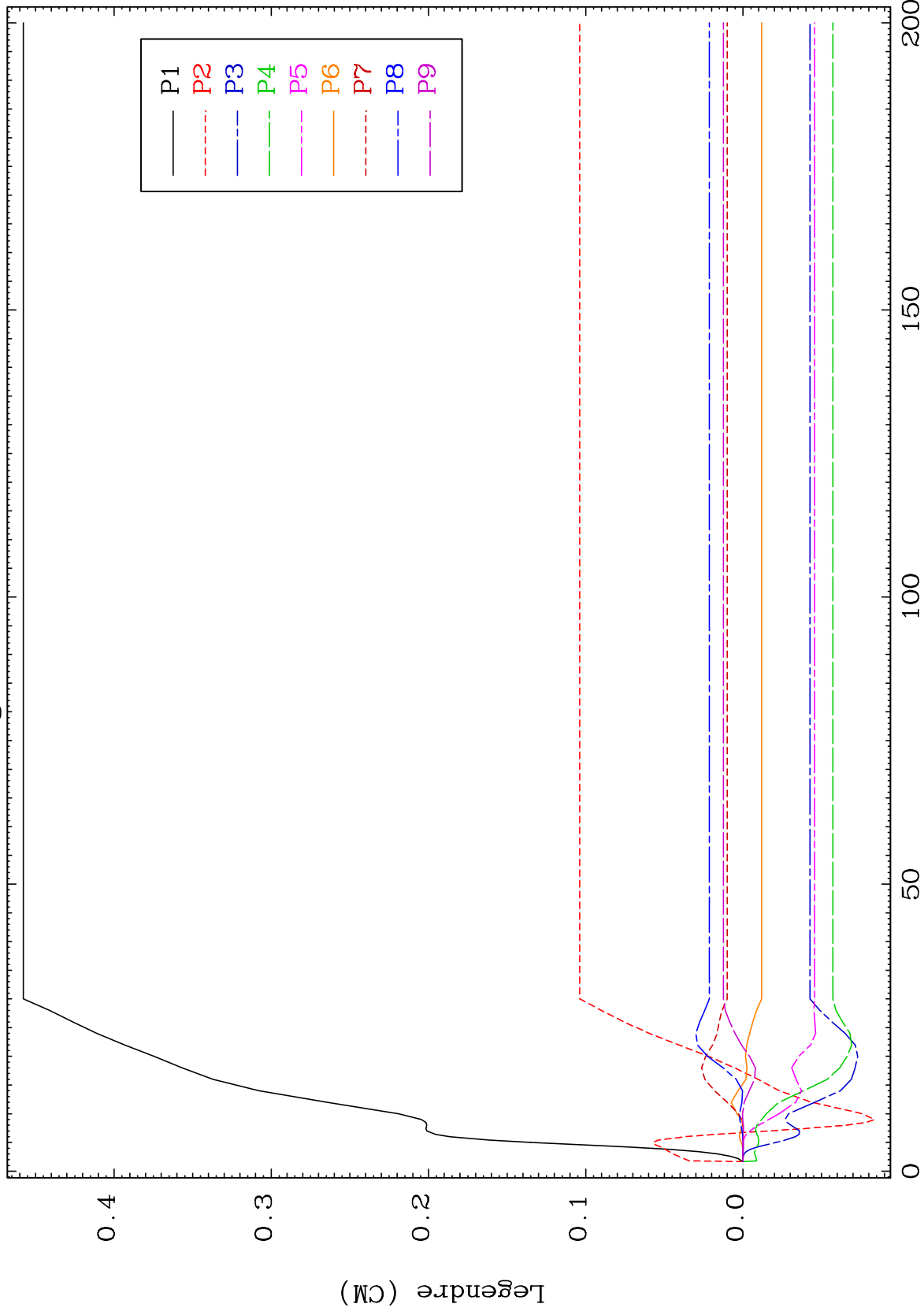
74-W -178



MAT 7419

1.656 MeV (n,n') Level  
Legendre Coefficients

74-W -178



111

Incident Energy (MeV)

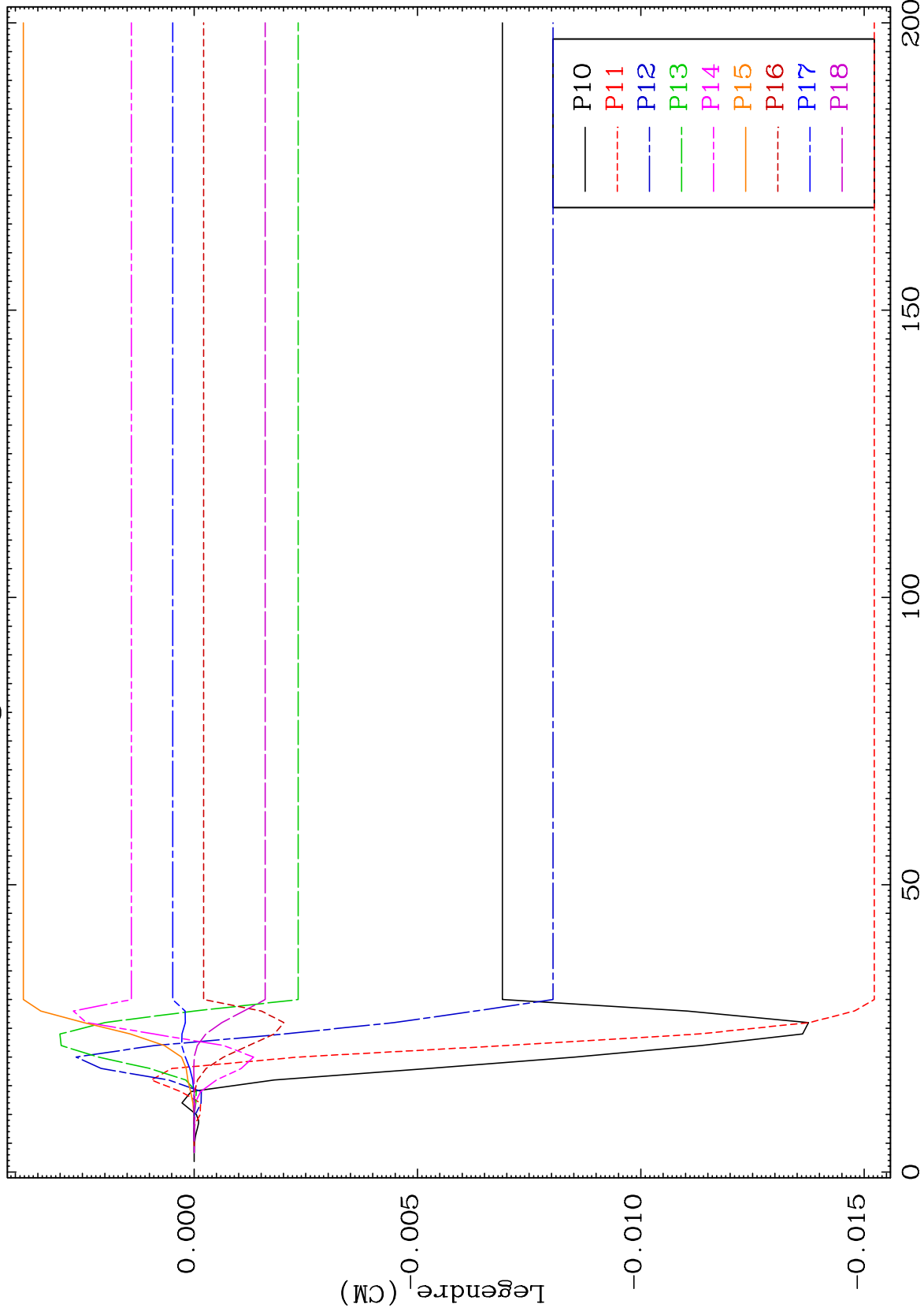
74-W -178



MAT 7419

1.656 MeV (n,n') Level  
Legendre Coefficients

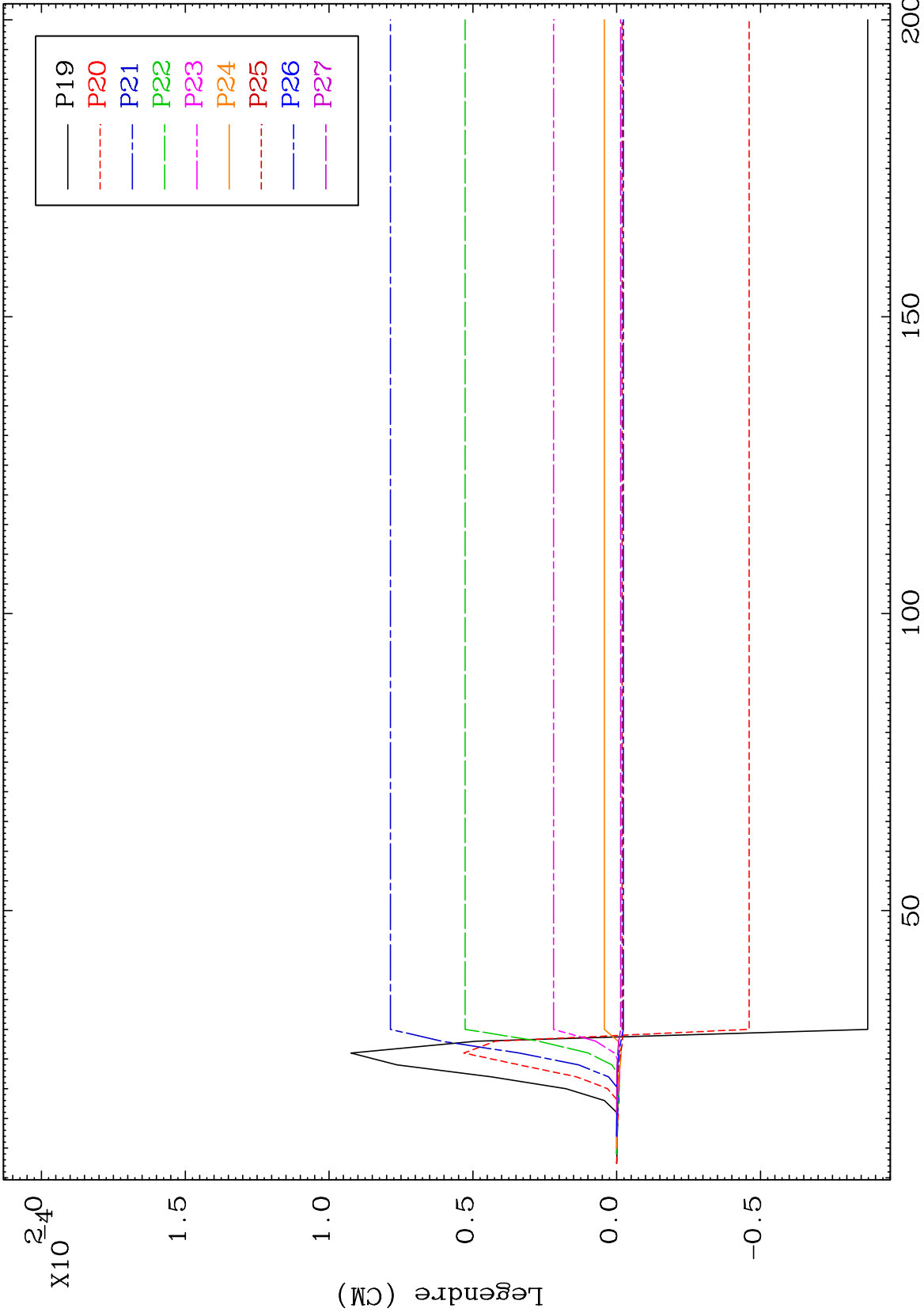
74-W -178

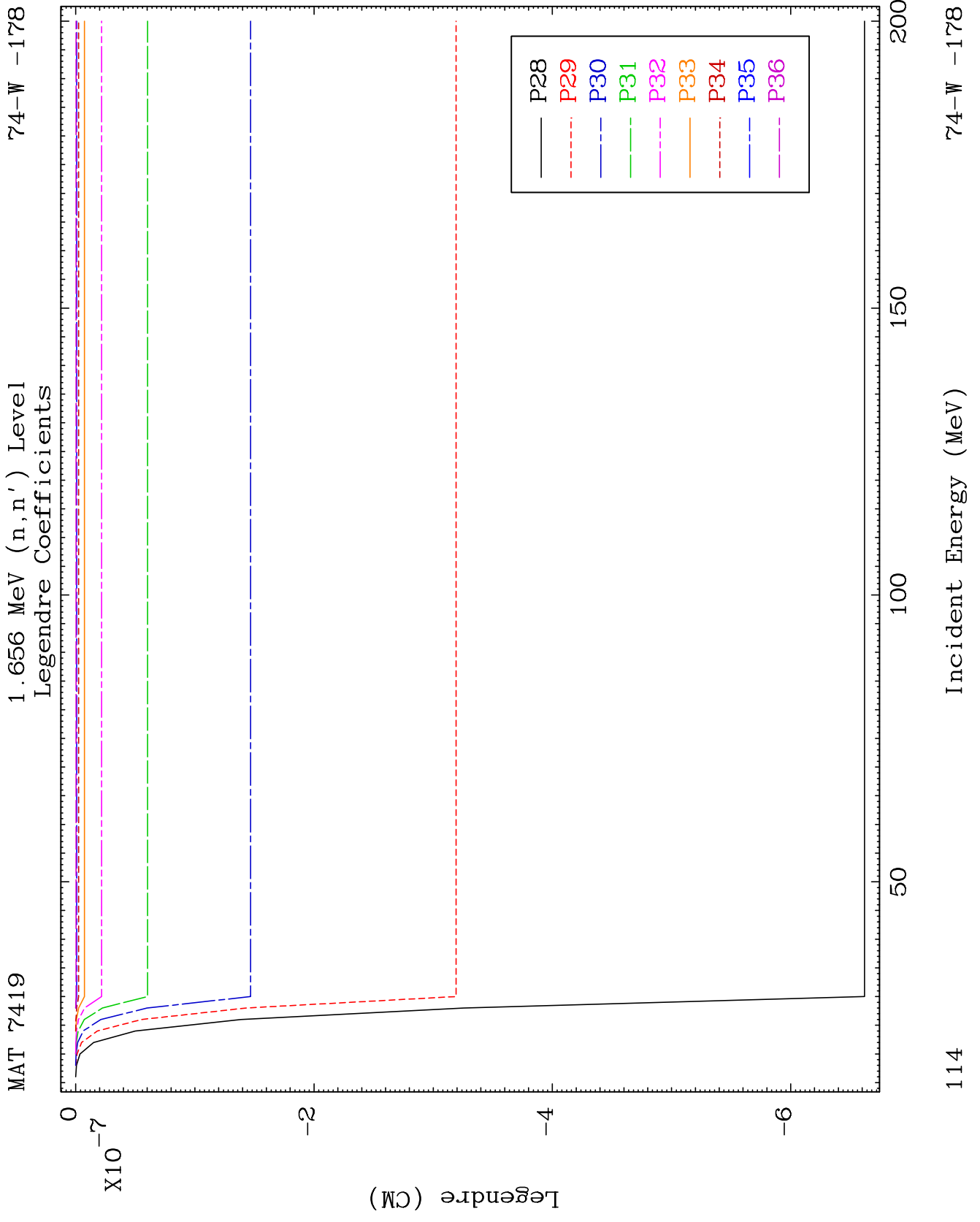


112

Incident Energy (MeV)

74-W -178

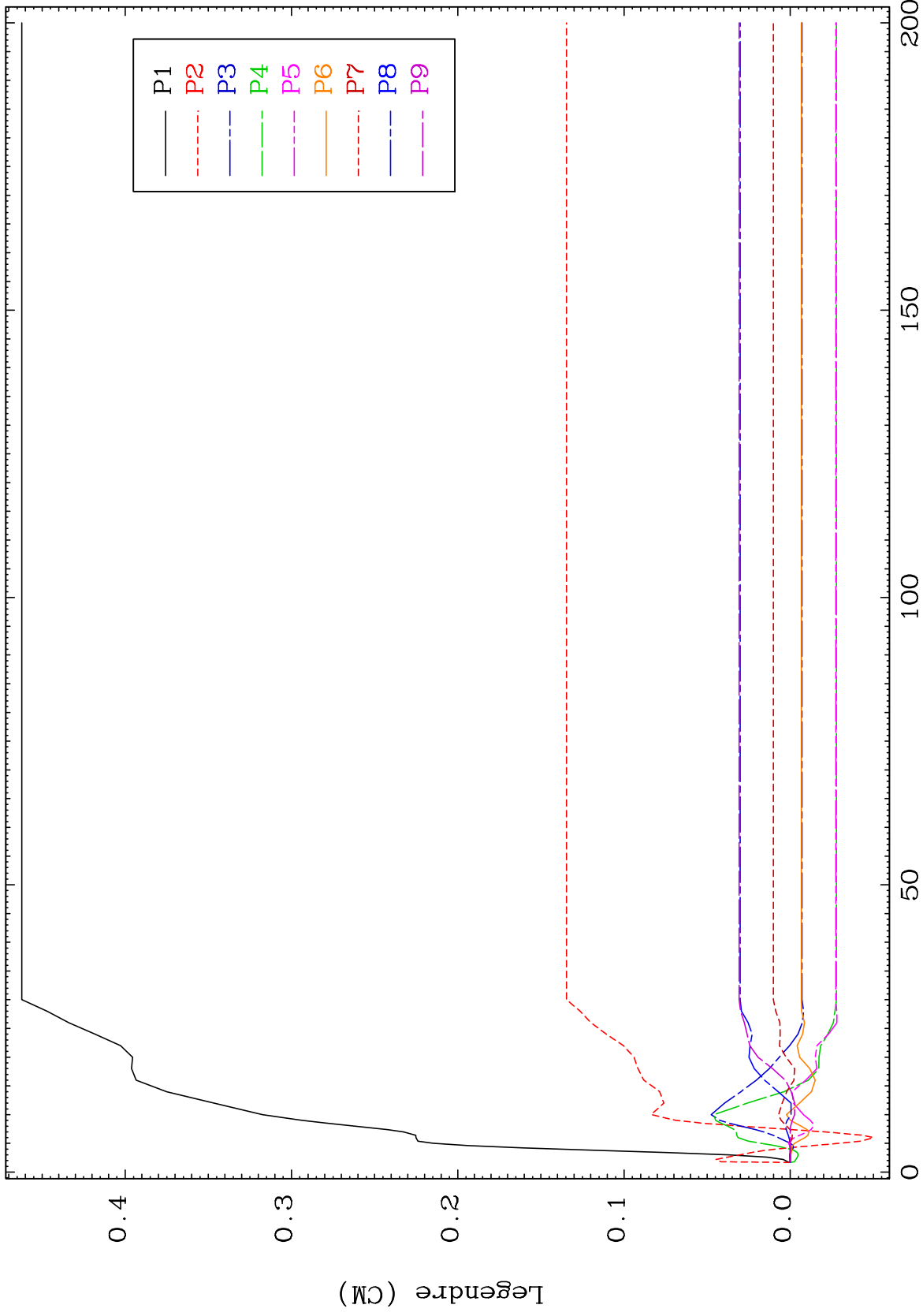




MAT 7419

1.665 MeV (n,n') Level  
Legendre Coefficients

74-W -178



74-W -178

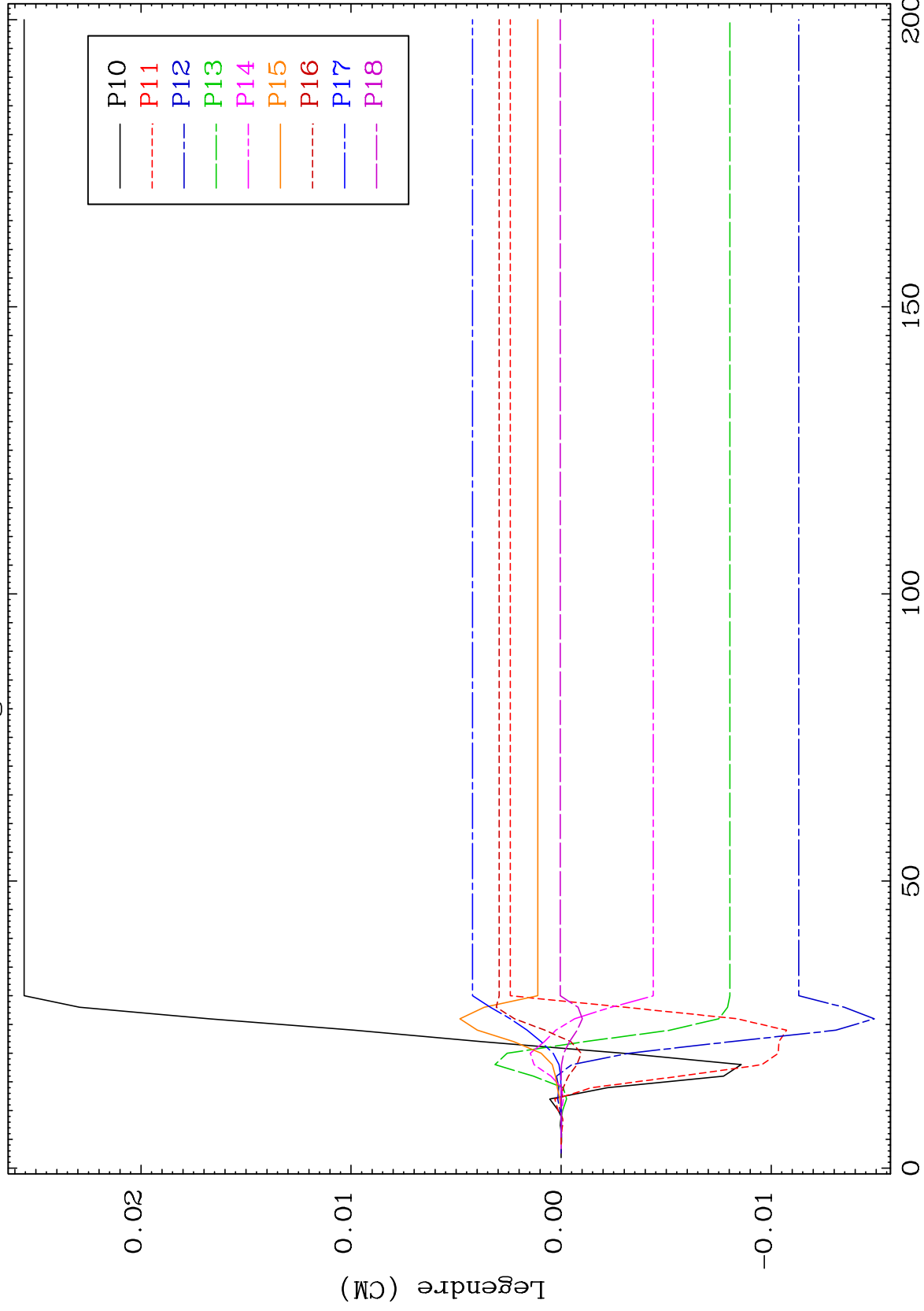
Incident Energy (MeV)

115

MAT 7419

1.665 MeV (n,n') Level  
Legendre Coefficients

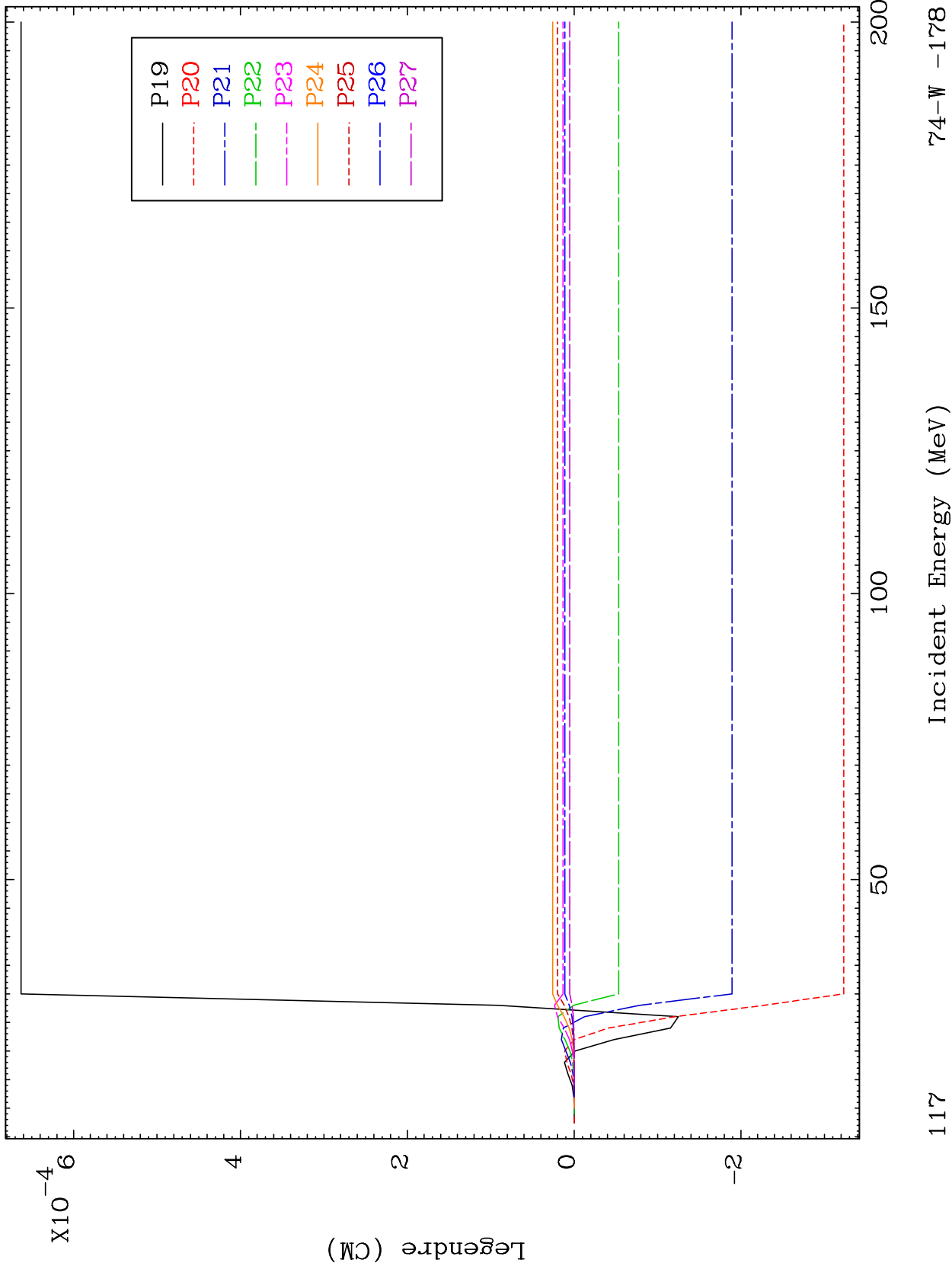
74-W -178



116

Incident Energy (MeV)

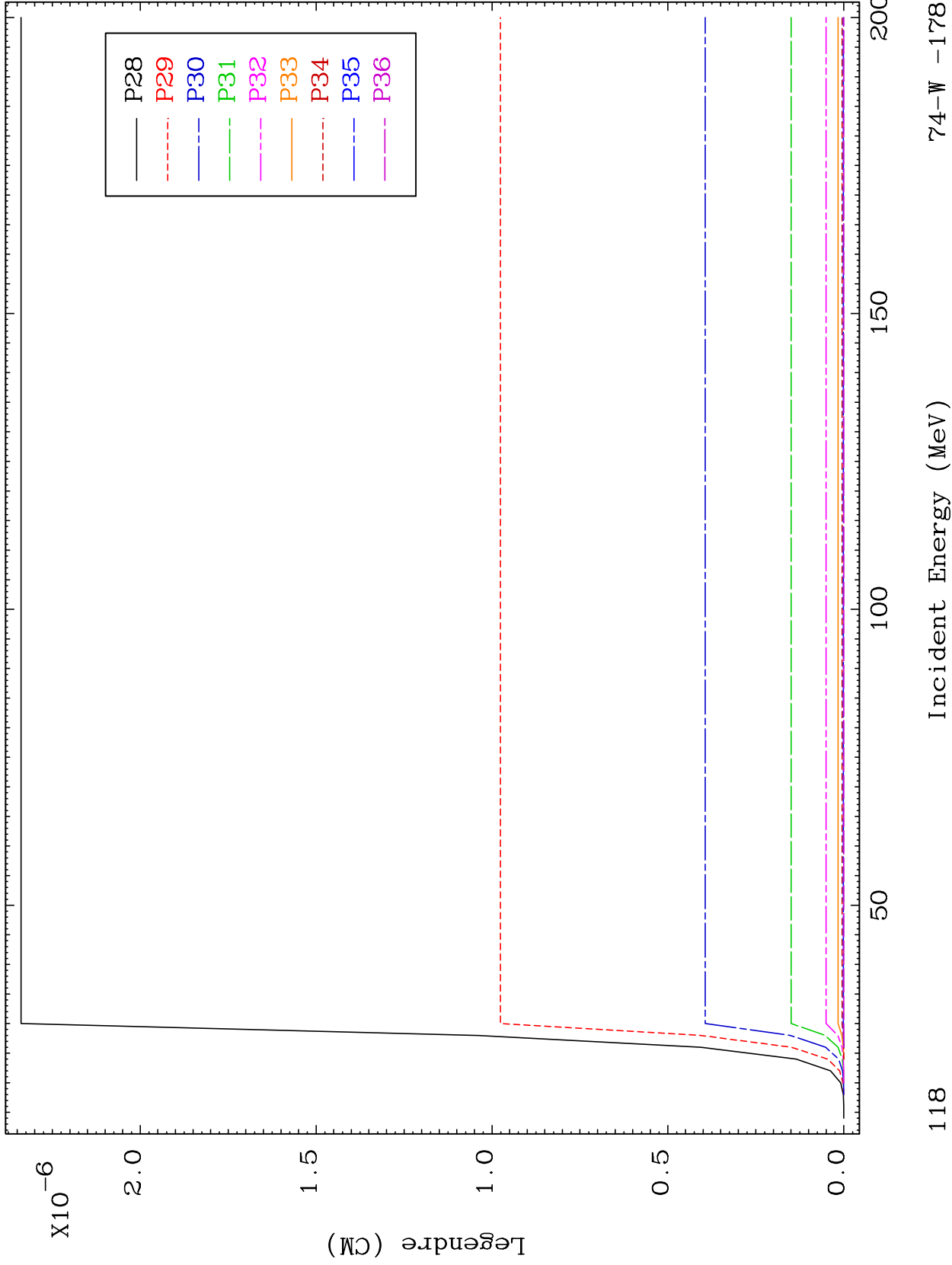
74-W -178



MAT 7419

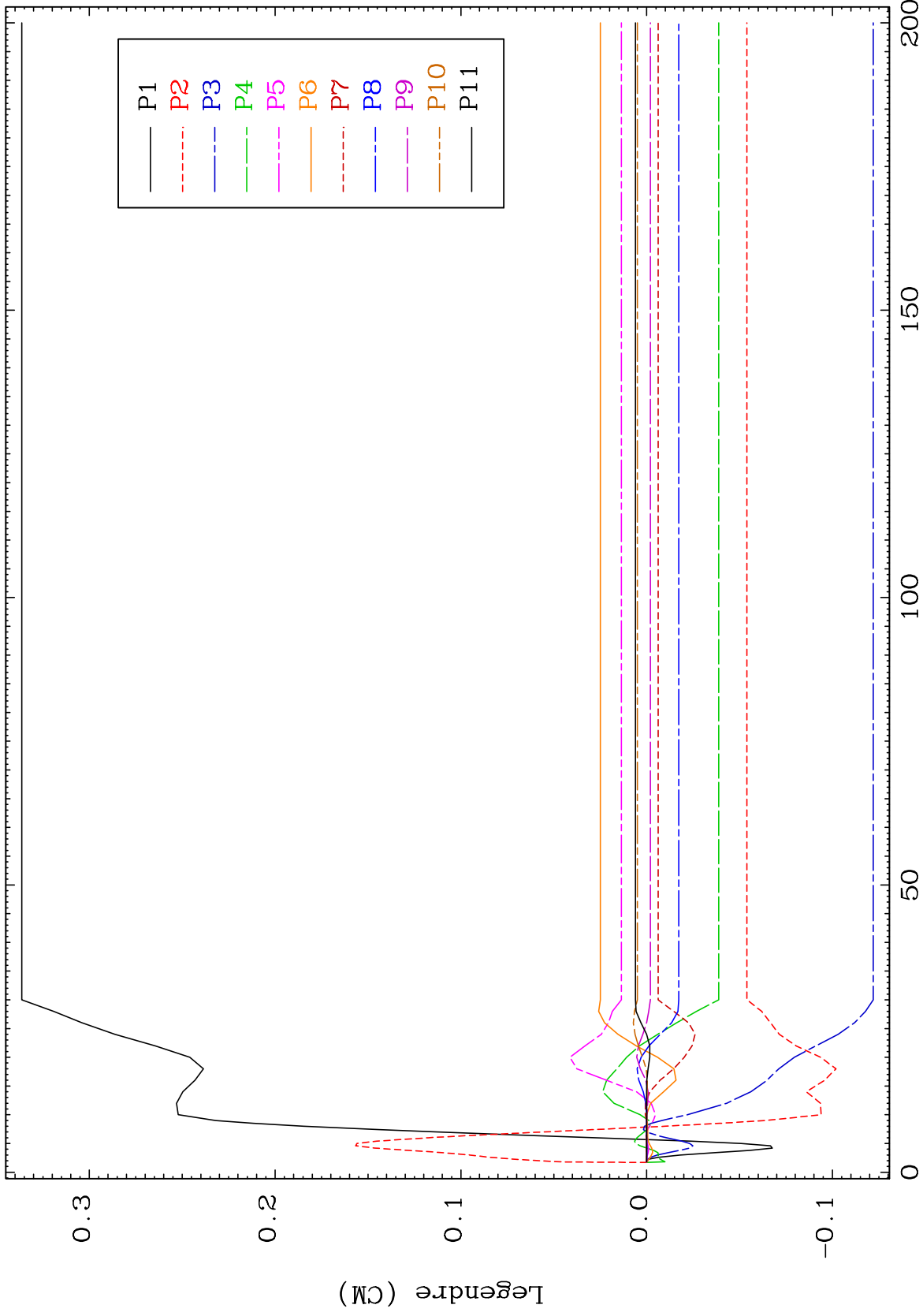
1.665 MeV (n,n') Level  
Legendre Coefficients

74-W -178



118

74-W -178

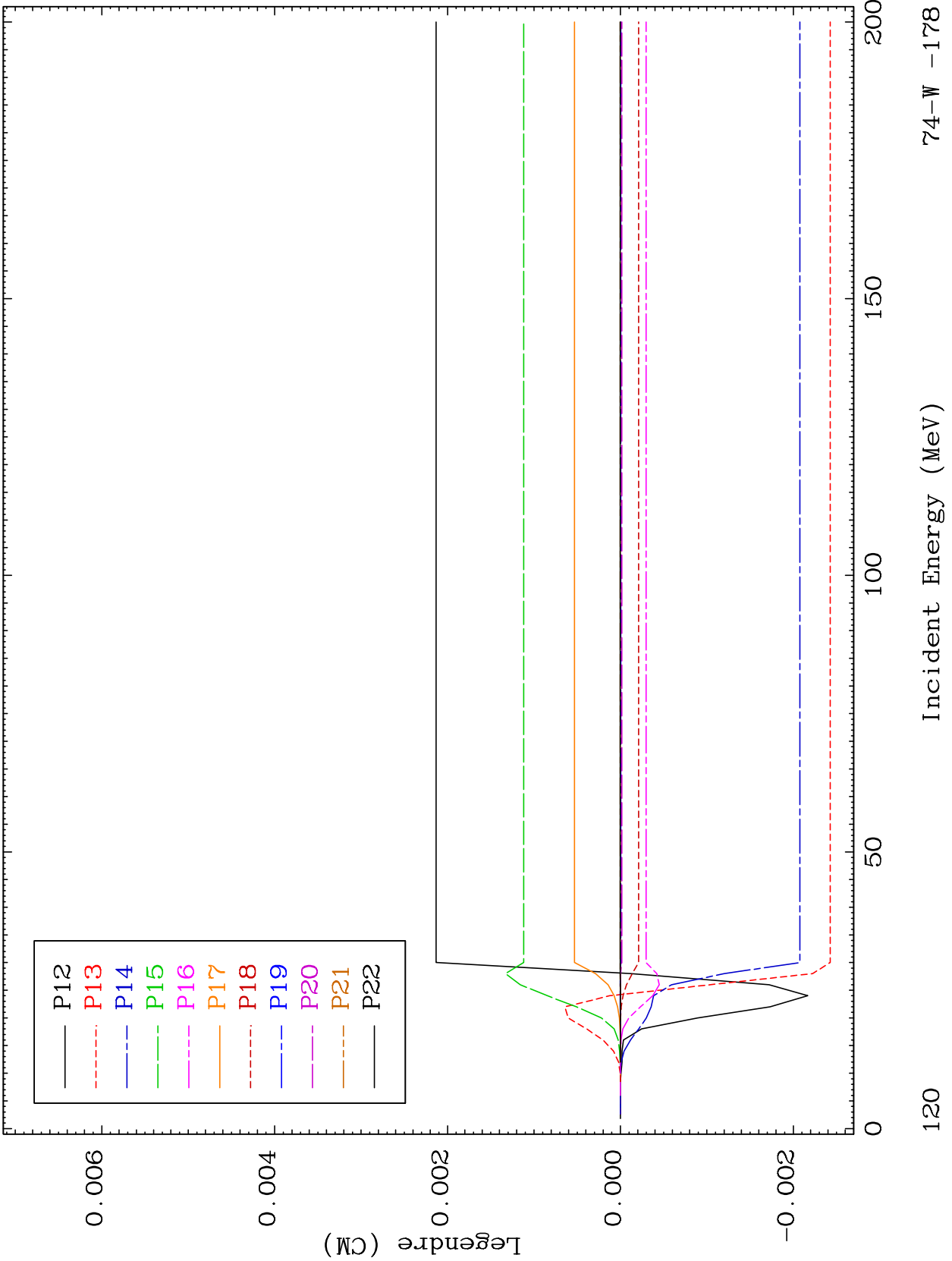




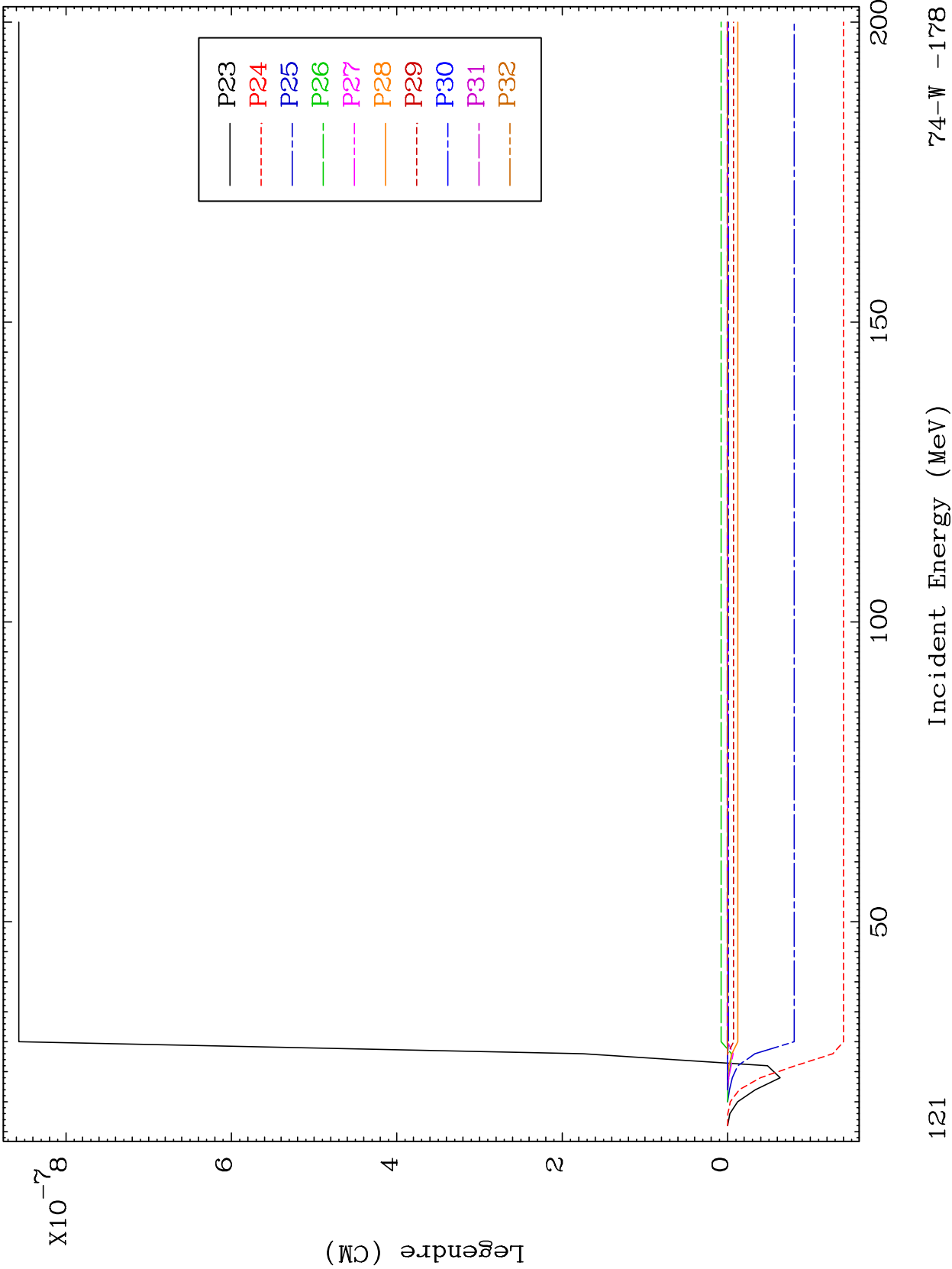
MAT 7419

1.685 MeV (n,n') Level  
Legendre Coefficients

74-W -178



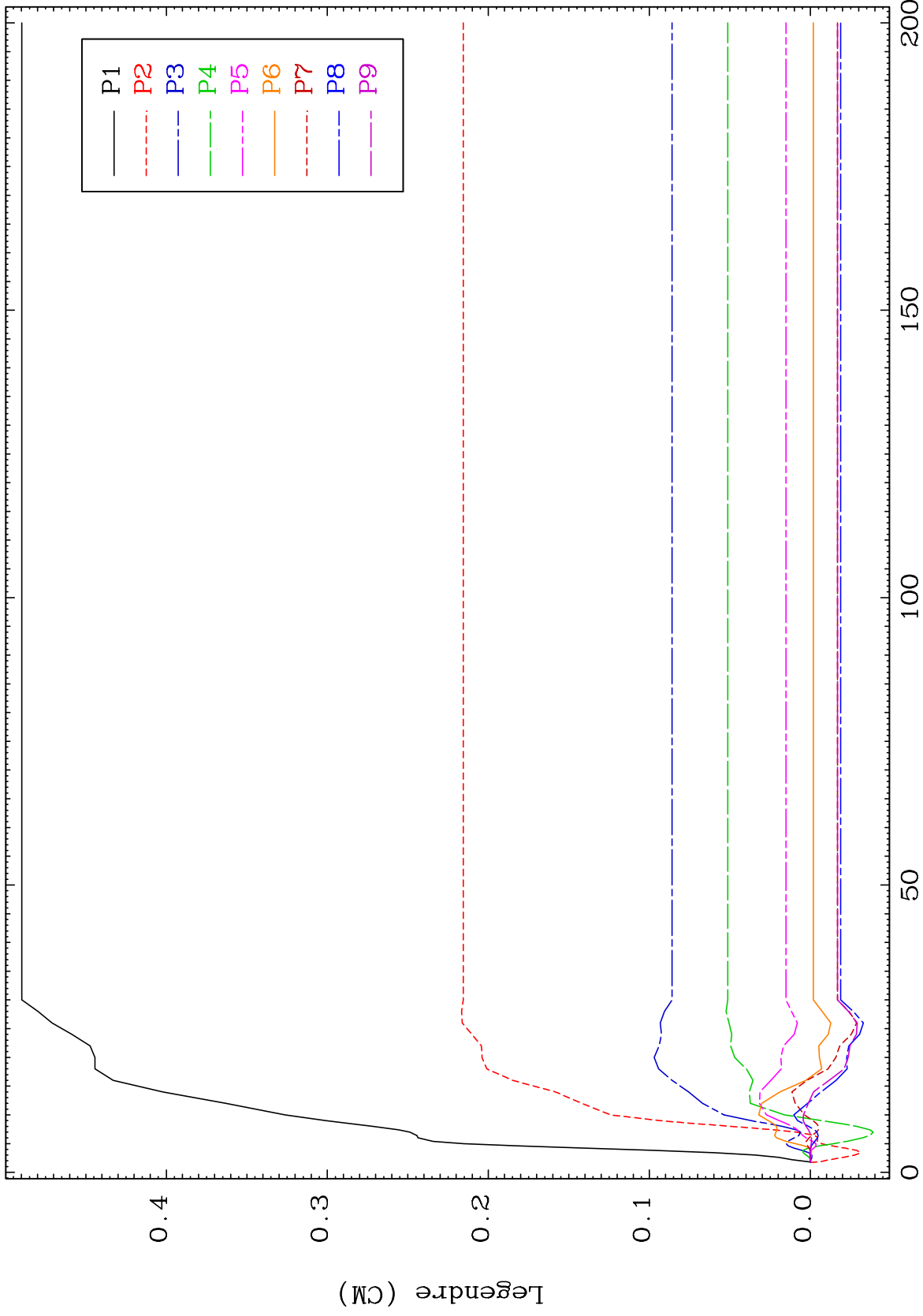
74-W -178



MAT 7419

1.704 MeV (n,n') Level  
Legendre Coefficients

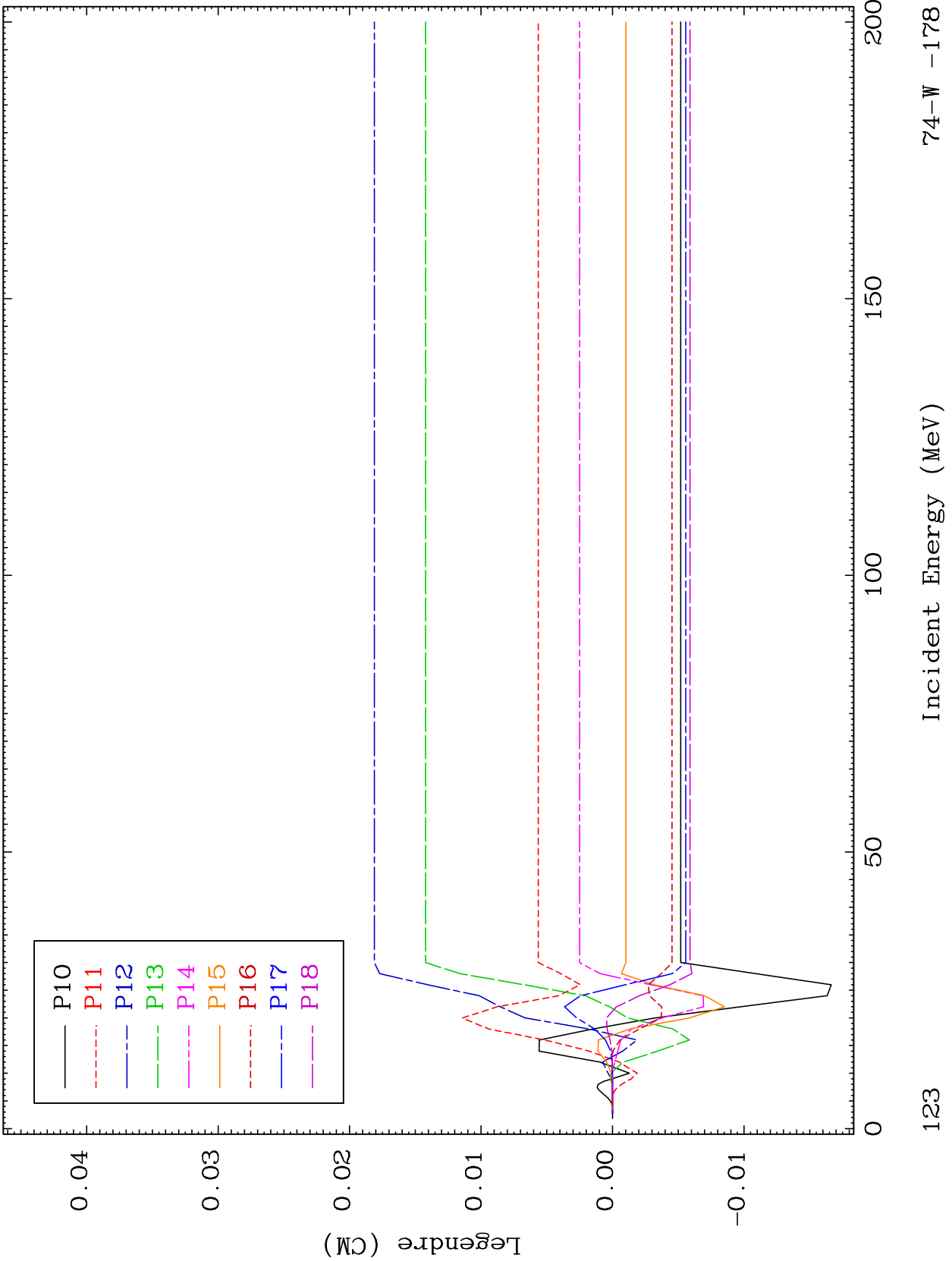
74-W -178



122

Incident Energy (MeV)

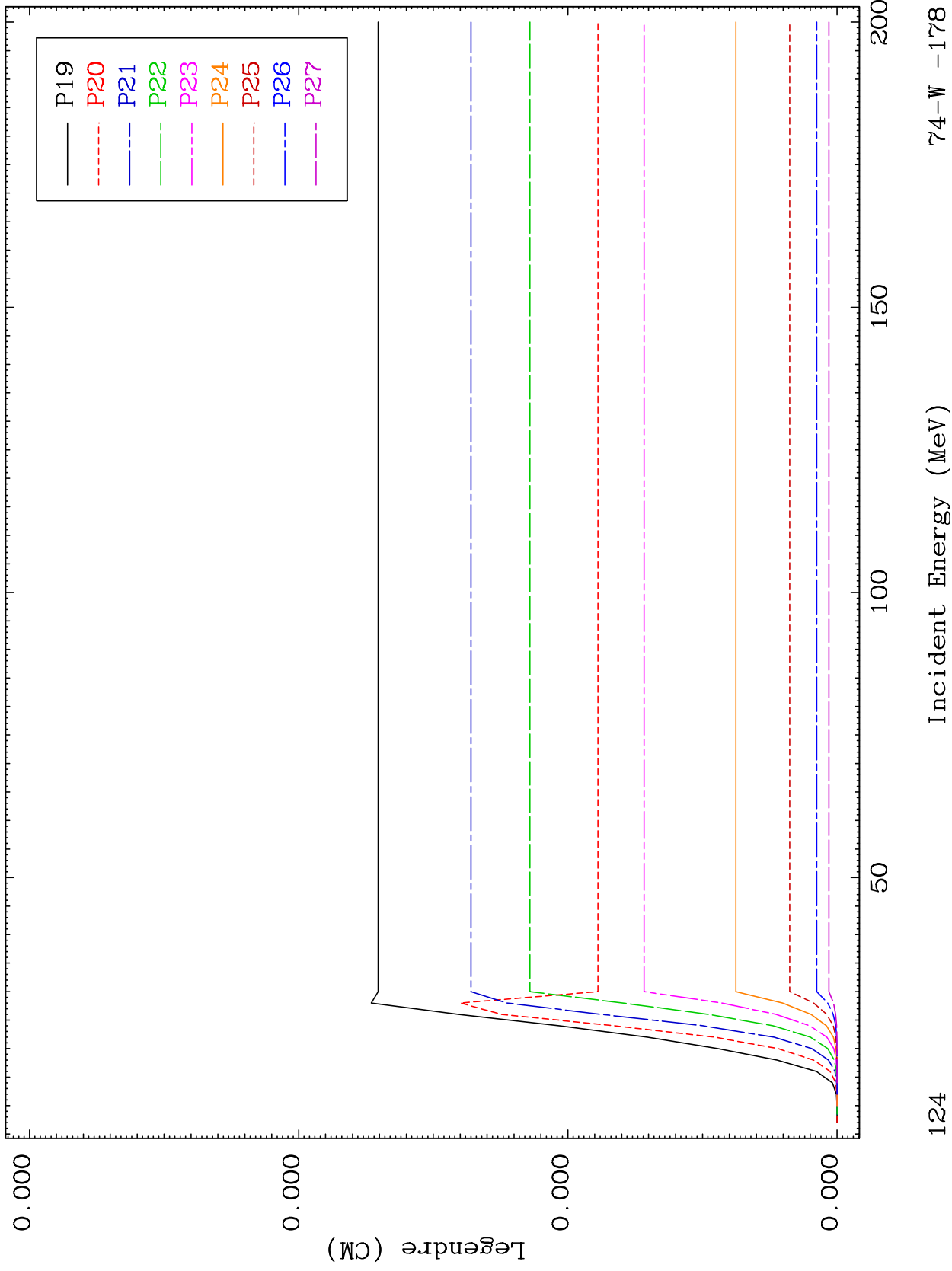
74-W -178



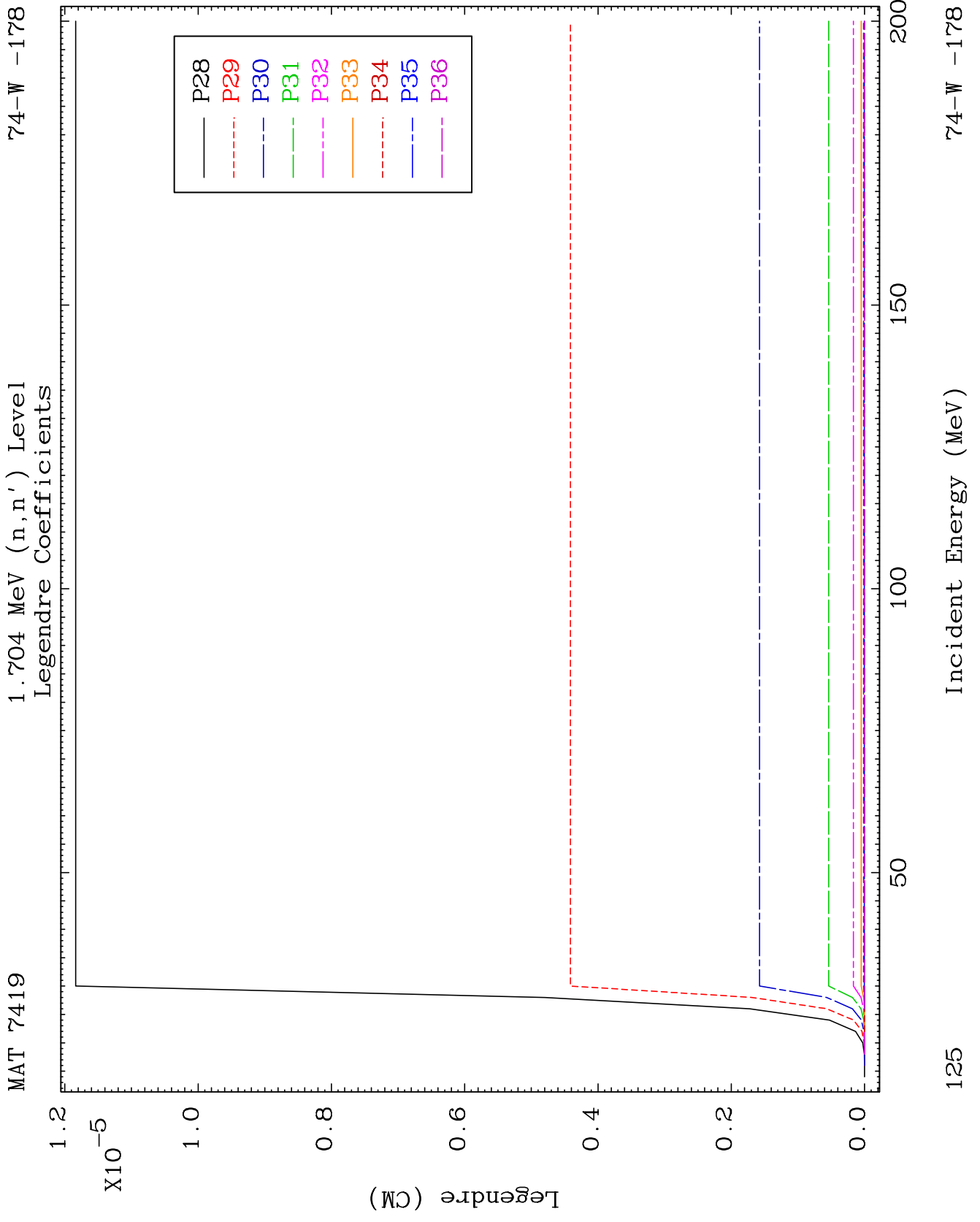
MAT 7419

1.704 MeV (n,n') Level  
Legendre Coefficients

74-W -178



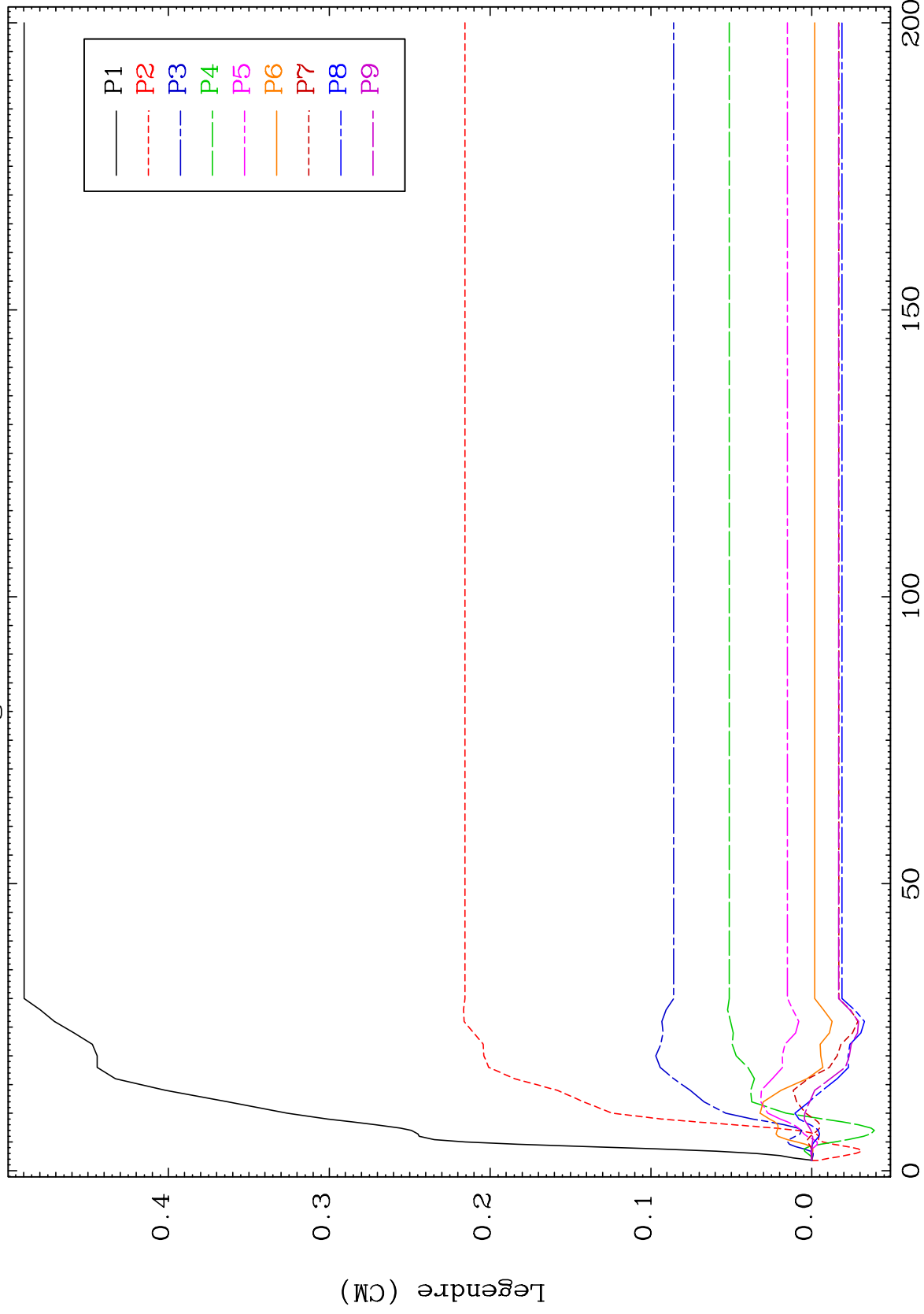
124



MAT 7419

1.718 MeV (n,n') Level  
Legendre Coefficients

74-W -178



126

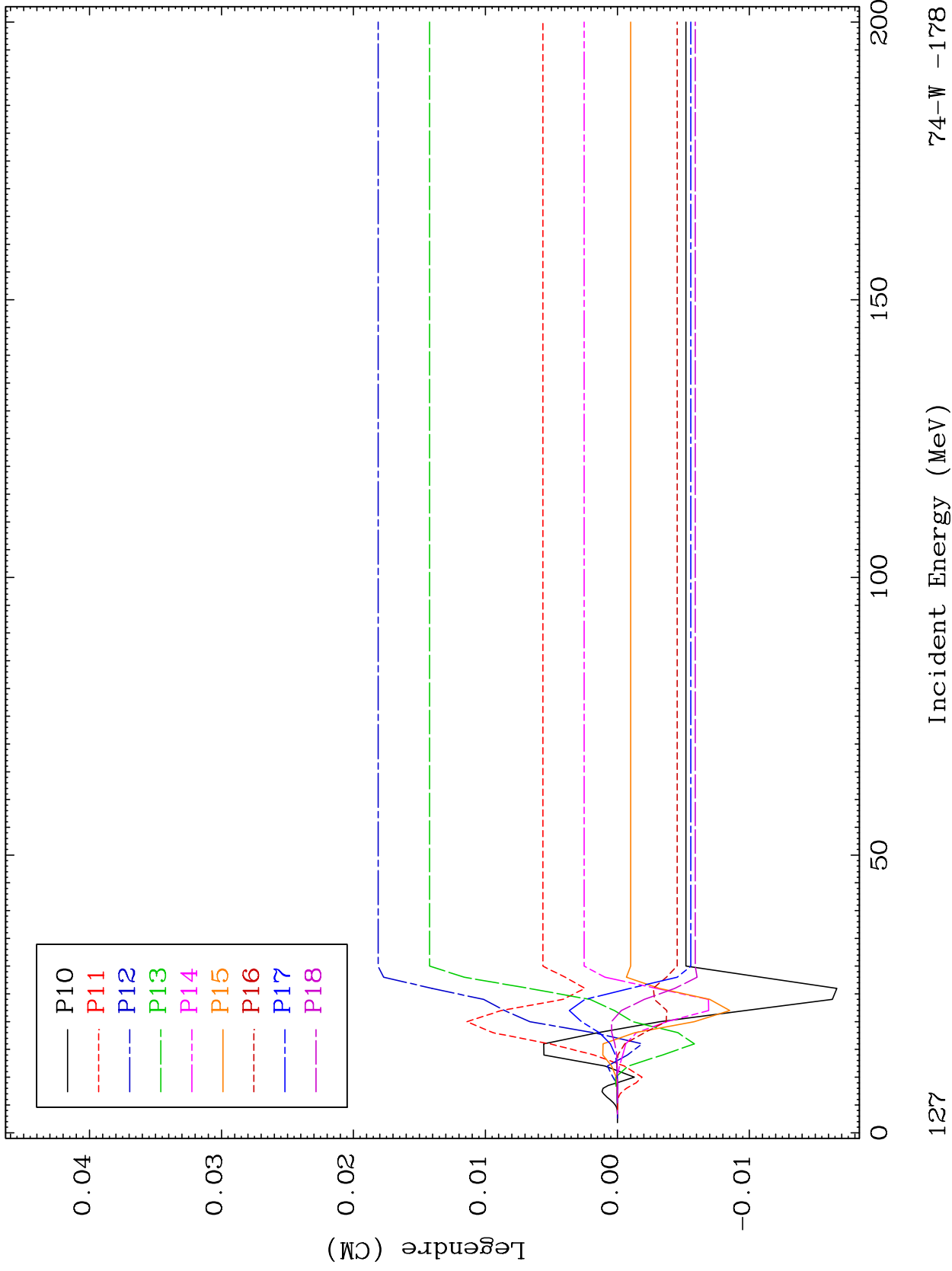
Incident Energy (MeV)

74-W -178

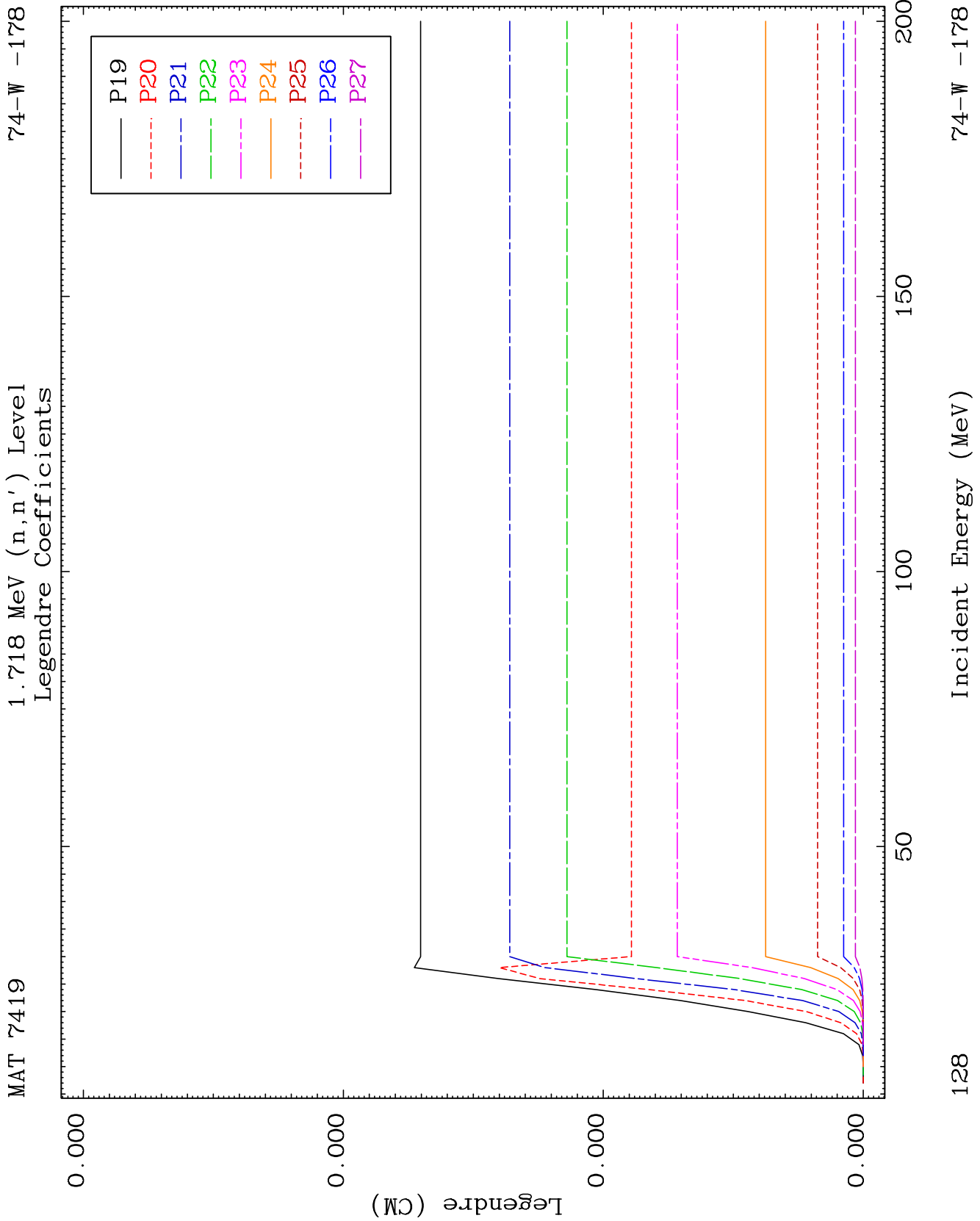
MAT 7419

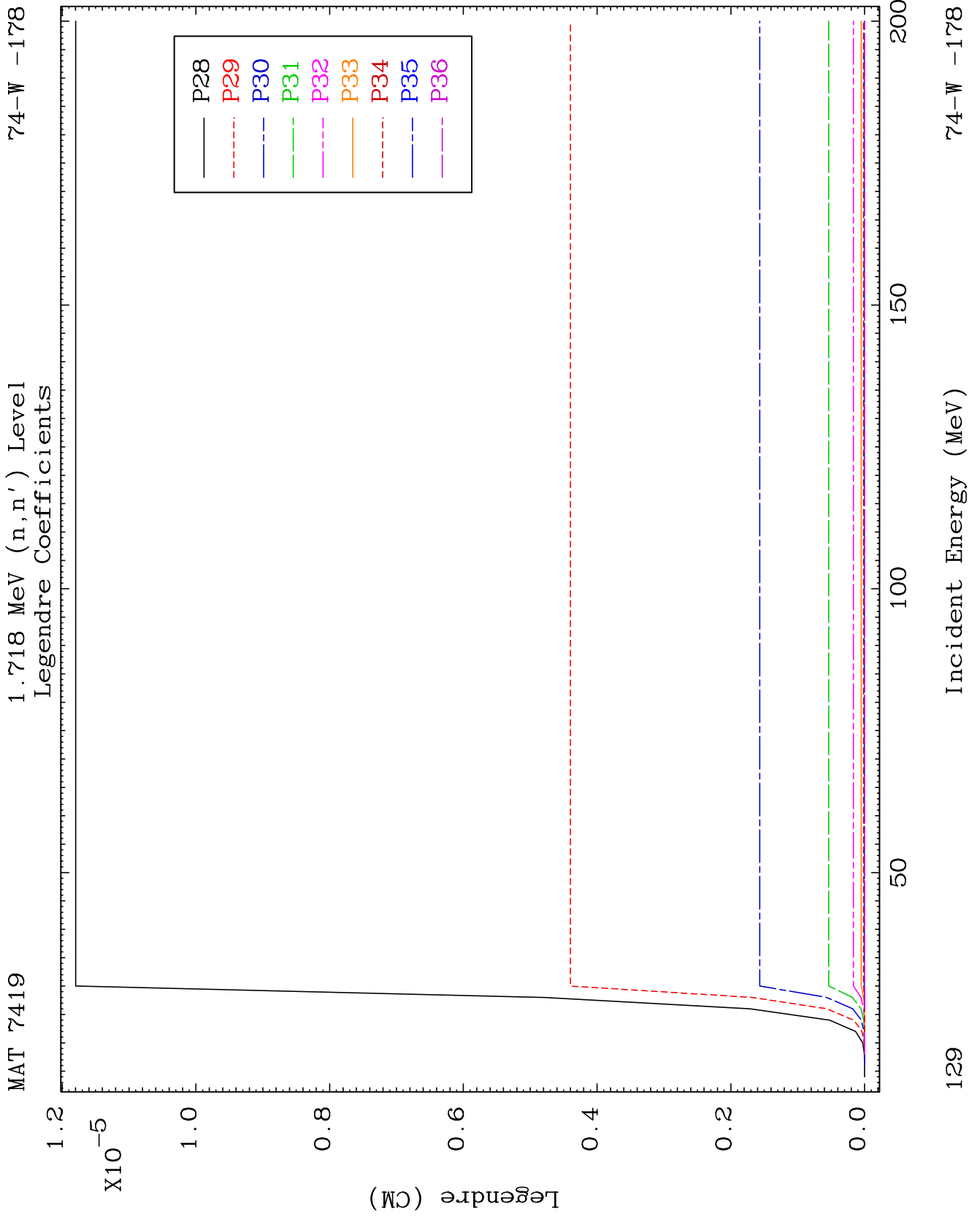
1.718 MeV (n,n') Level  
Legendre Coefficients

74-W -178







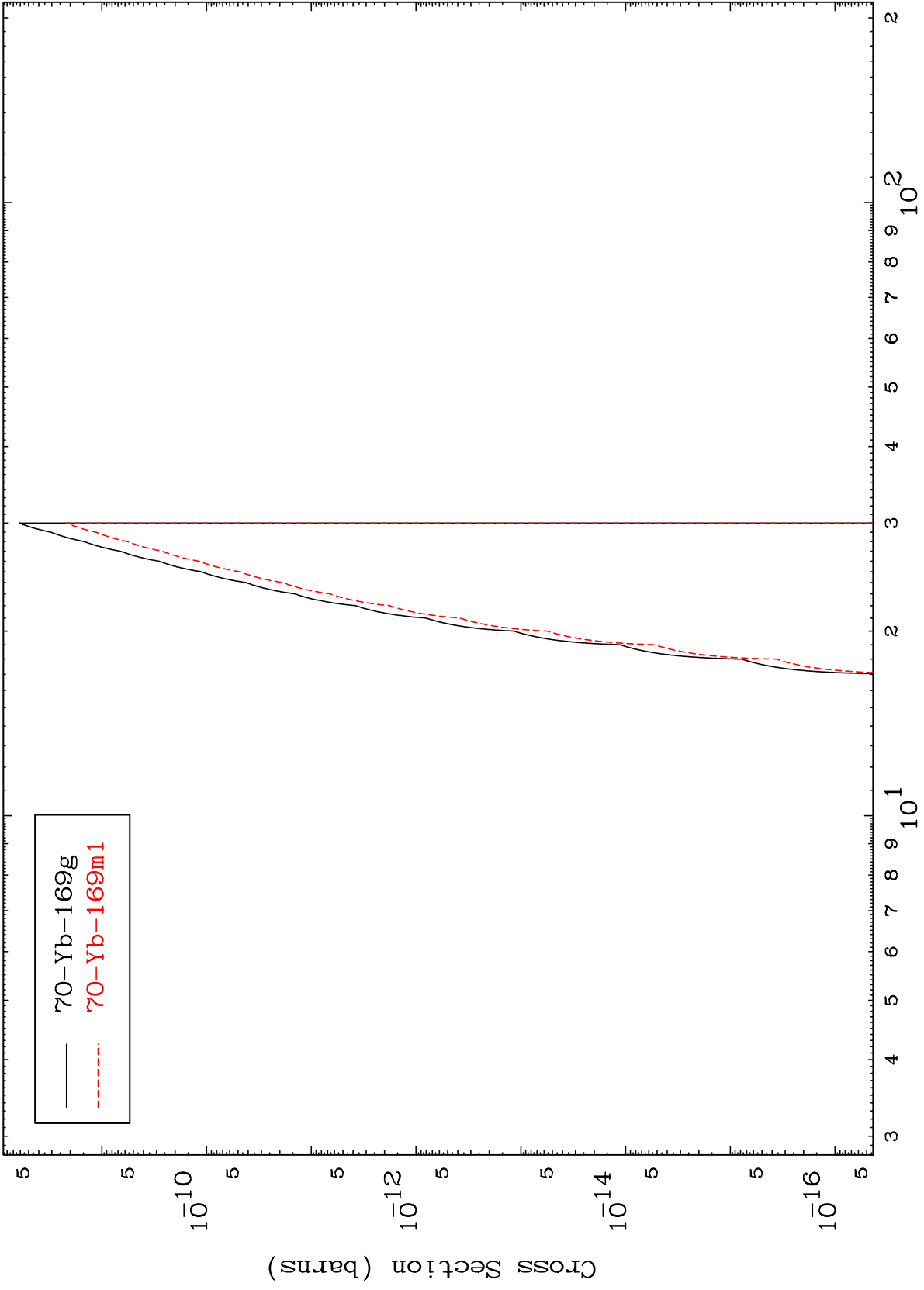


MAT 7419

(n,2n) 2α

74-W -178

Radionuclide Production Cross Section



— 70-Yb-169g  
- - - 70-Yb-169m1

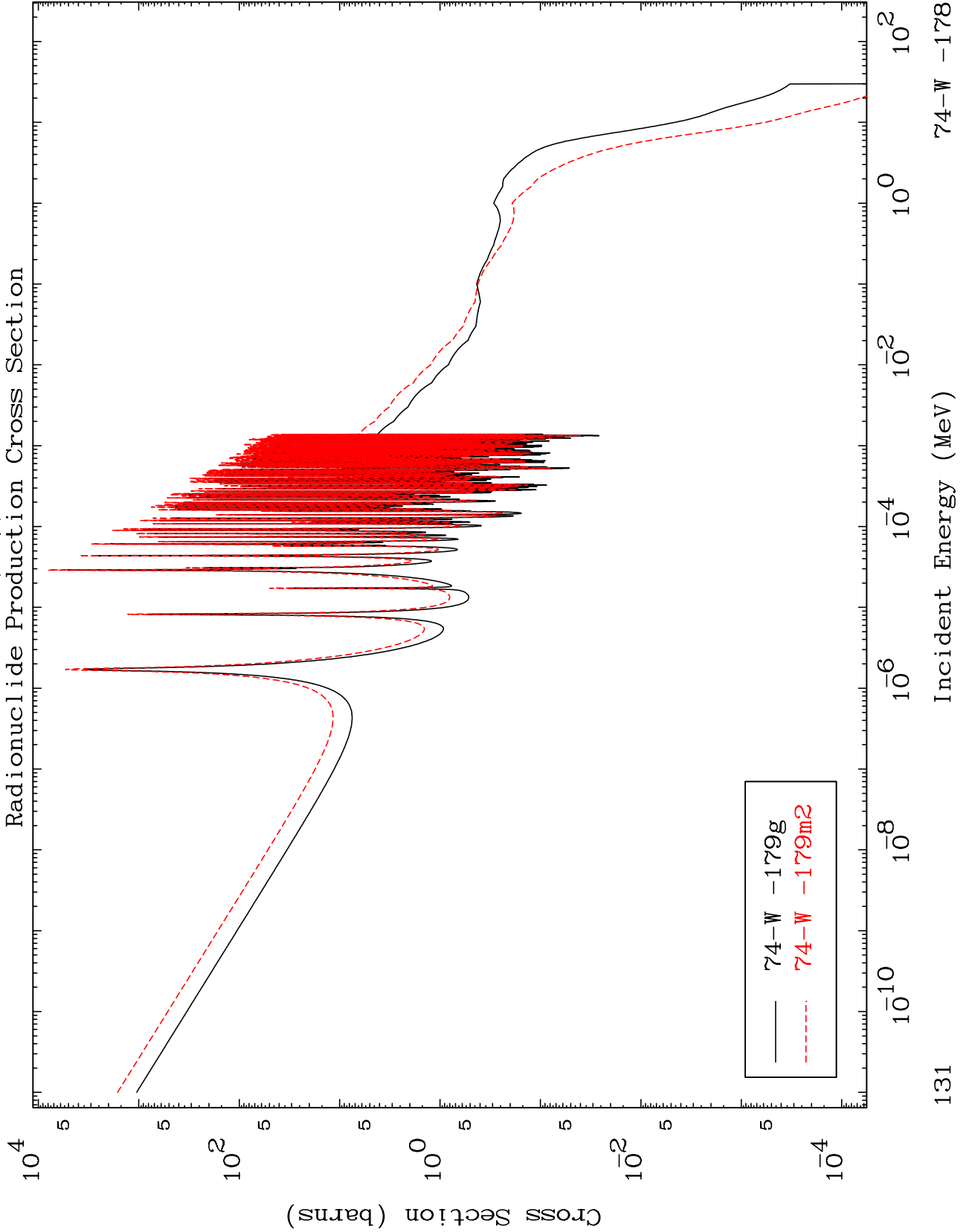
130

Incident Energy (MeV)

74-W -178

MAT 7419

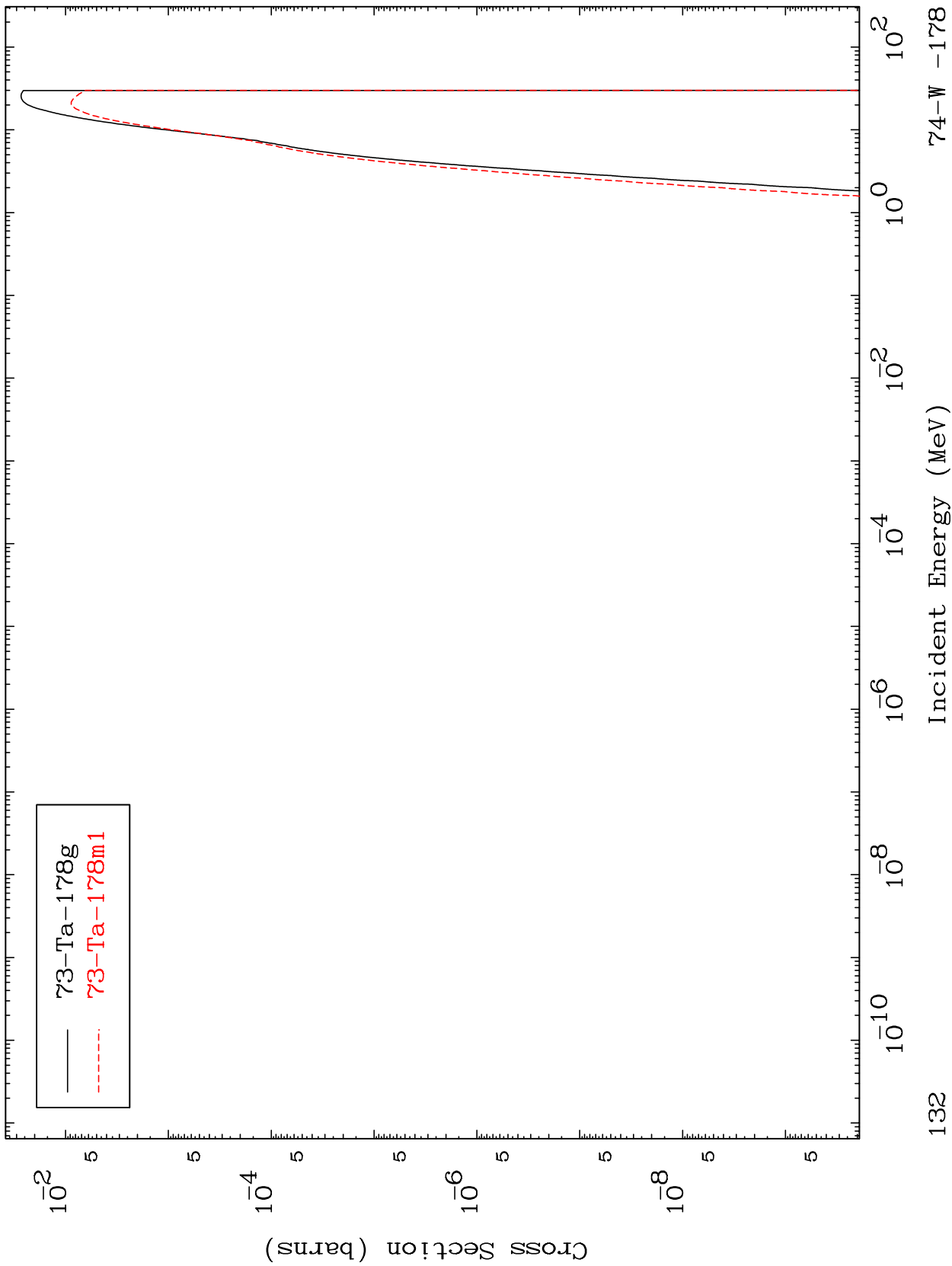
74-W -178



MAT 7419

74-W -178

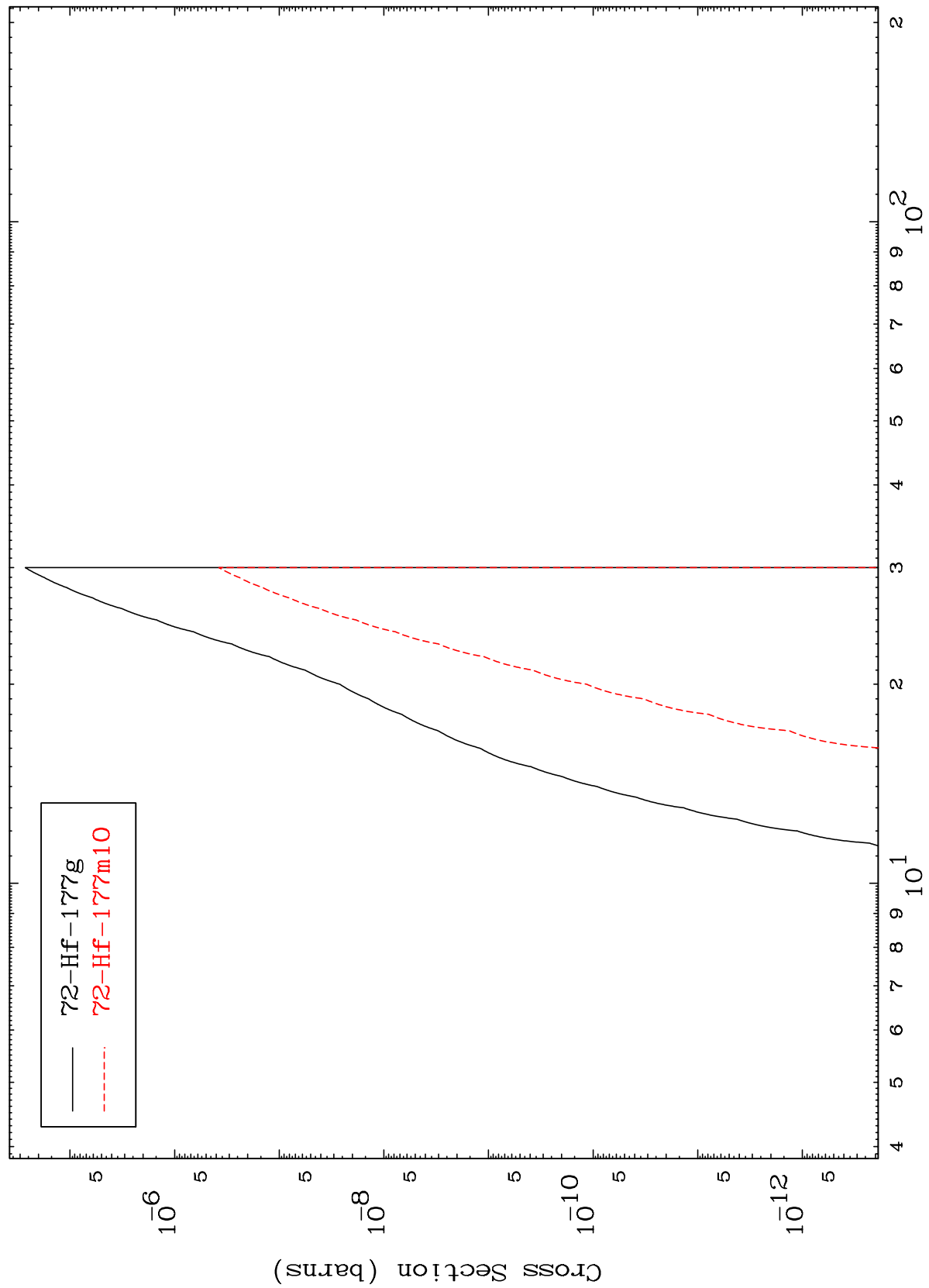
(n,p)  
Radionuclide Production Cross Section



132

74-W -178

Radionuclide Production Cross Section (n,2p)

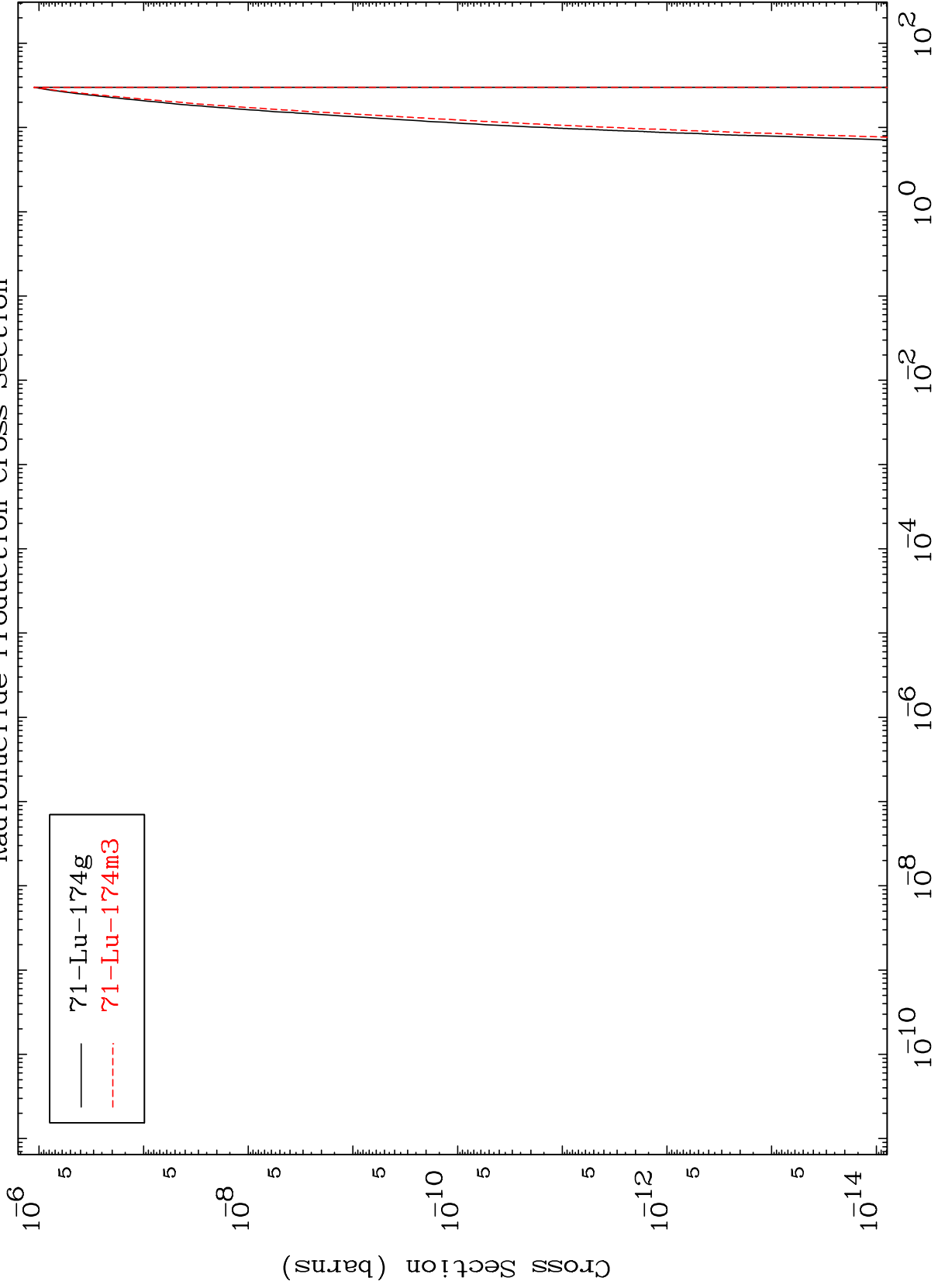


MAT 7419

(n,p)  $\alpha$

74-W -178

Radionuclide Production Cross Section



134

Incident Energy (MeV)

74-W -178