

Program EVALPLOT
(Version 2017-1)

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:redcullen1.net/HOMEPAGE.NEW

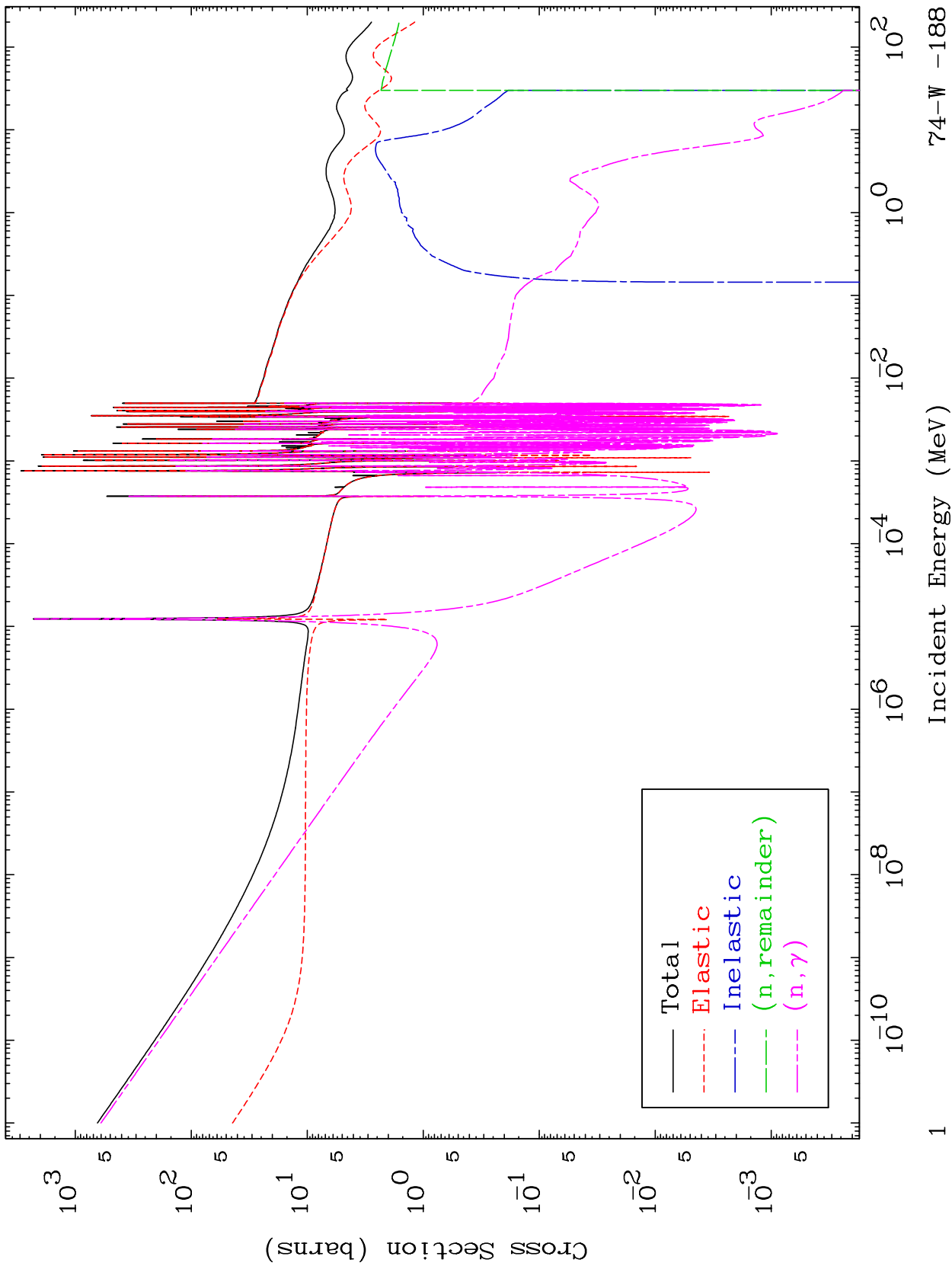
Press Mouse Button to Start

MAT 7449

Major

293 Kelvin Cross Sections

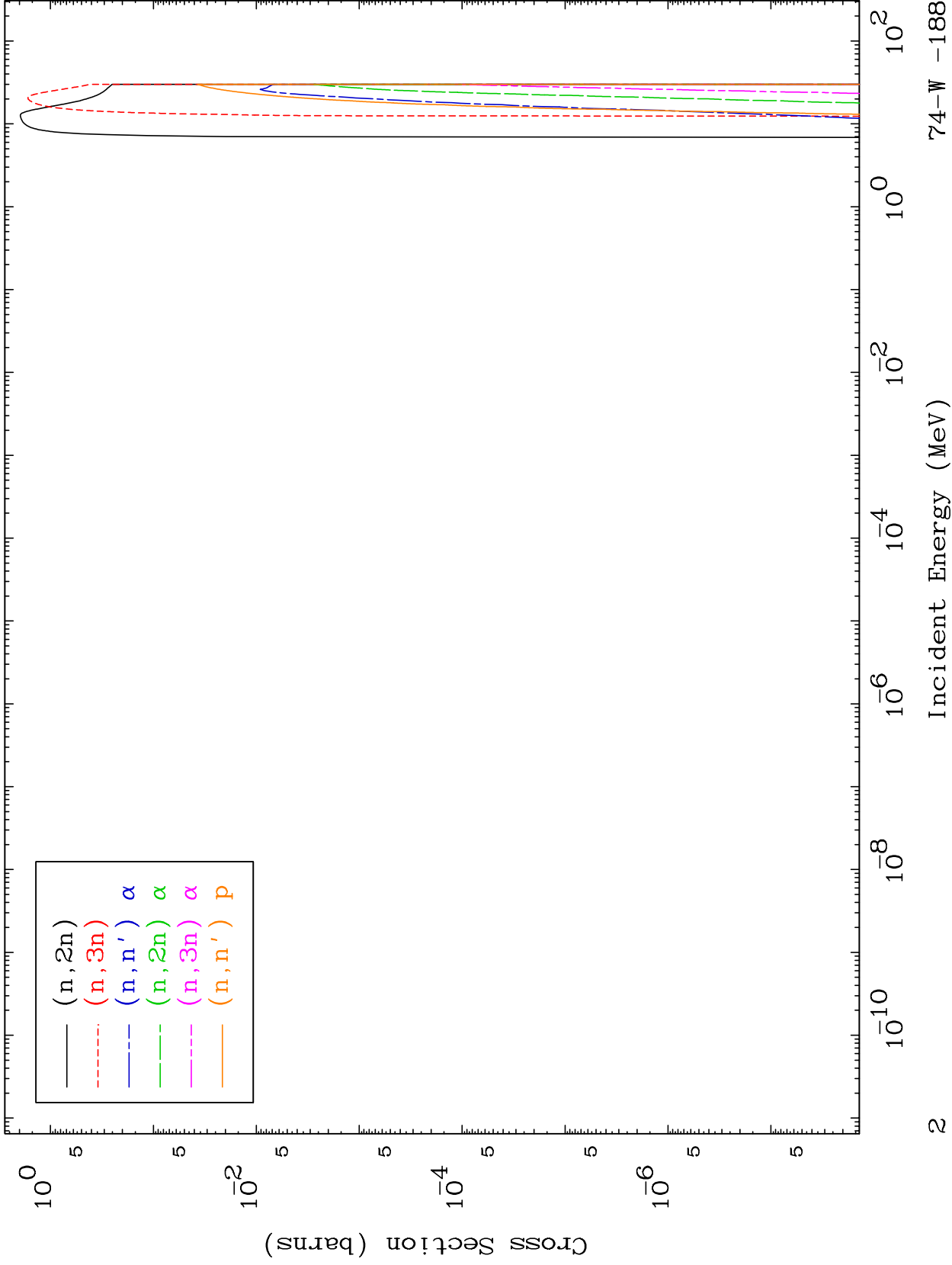
74-W -188

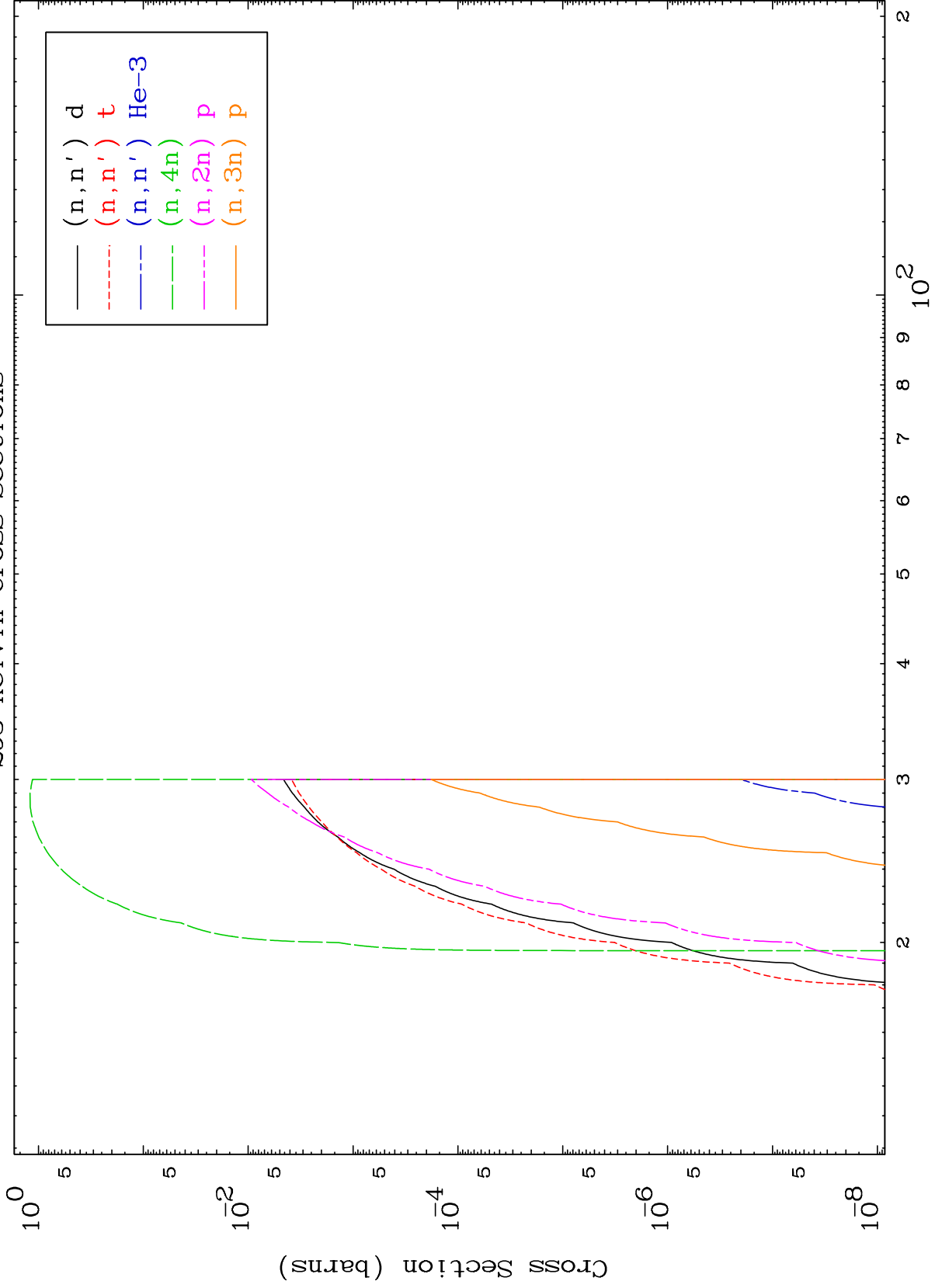


MAT 7449

Neutron Production
293 Kelvin Cross Sections

74-W -188

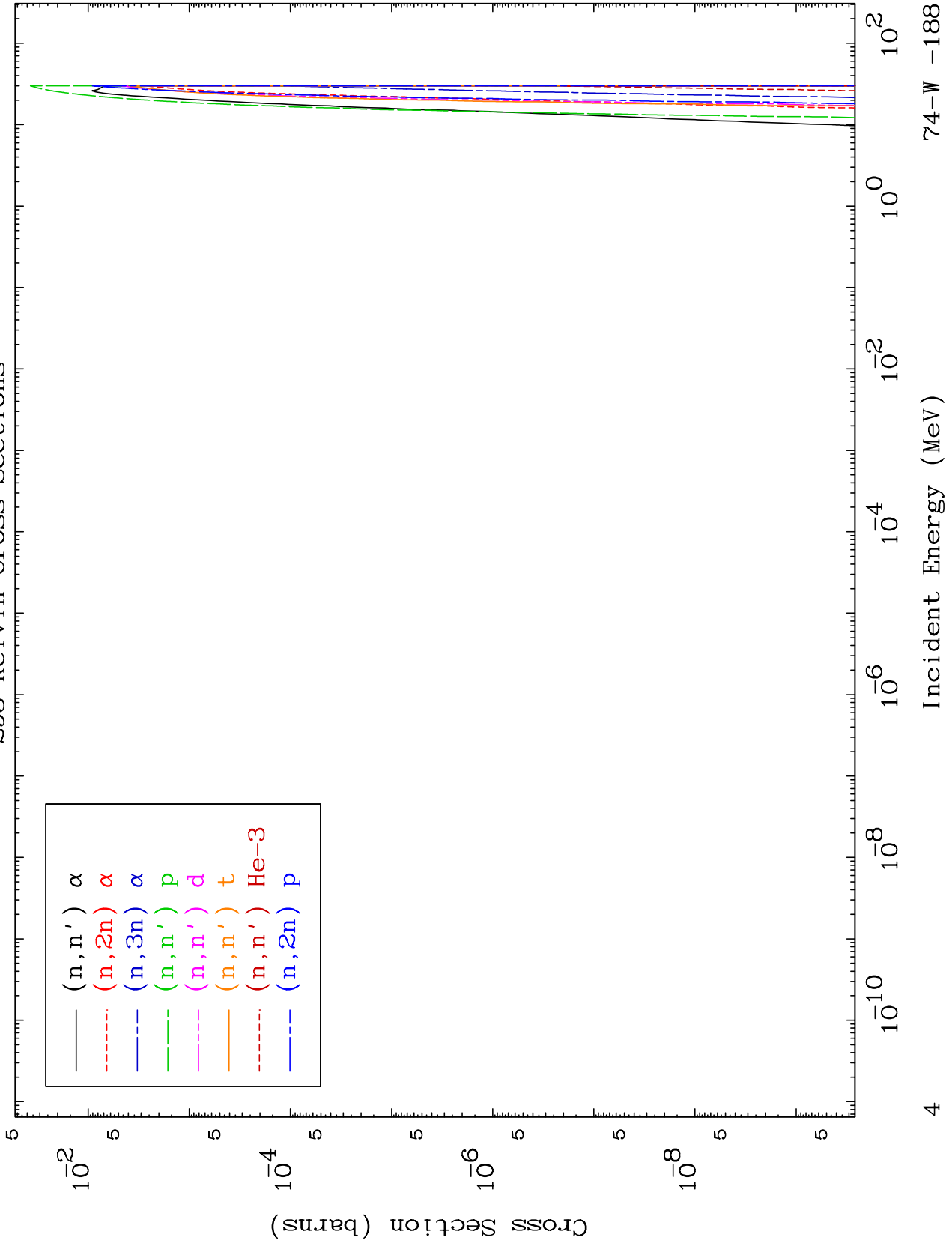


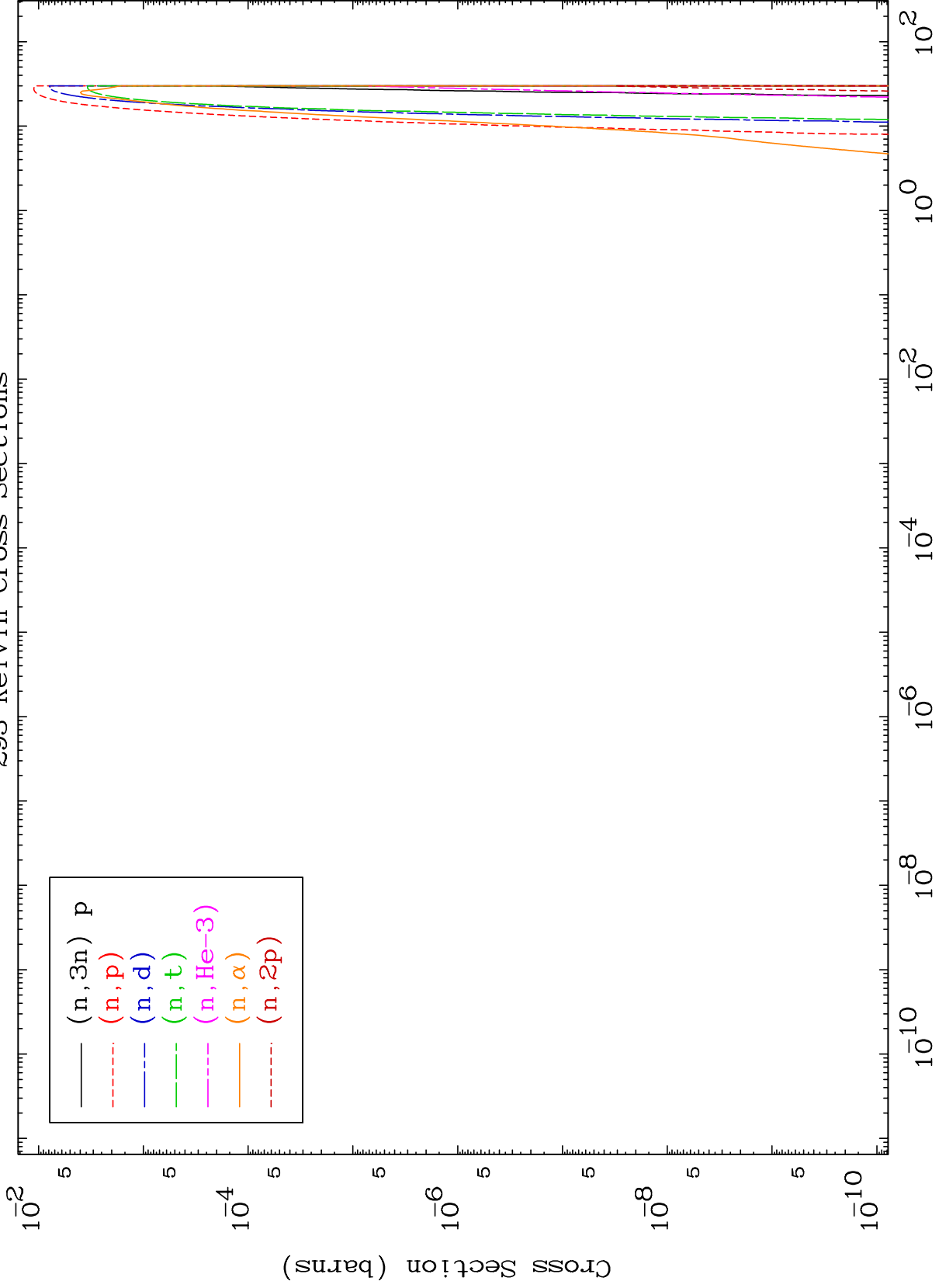


MAT 7449

Charged Particle
293 Kelvin Cross Sections

74-W -188

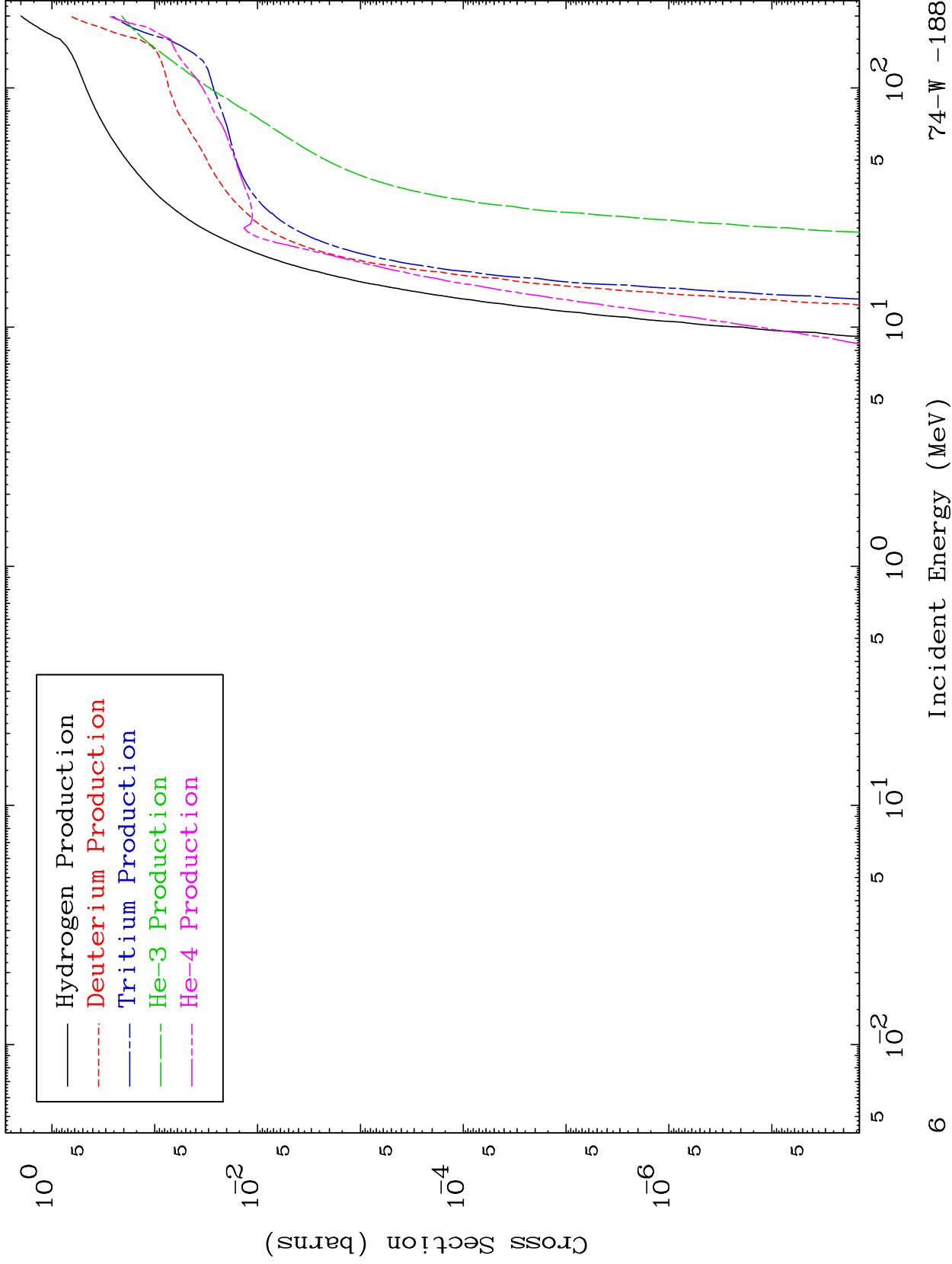




MAT 7449

Particle Production
293 Kelvin Cross Sections

74-W -188

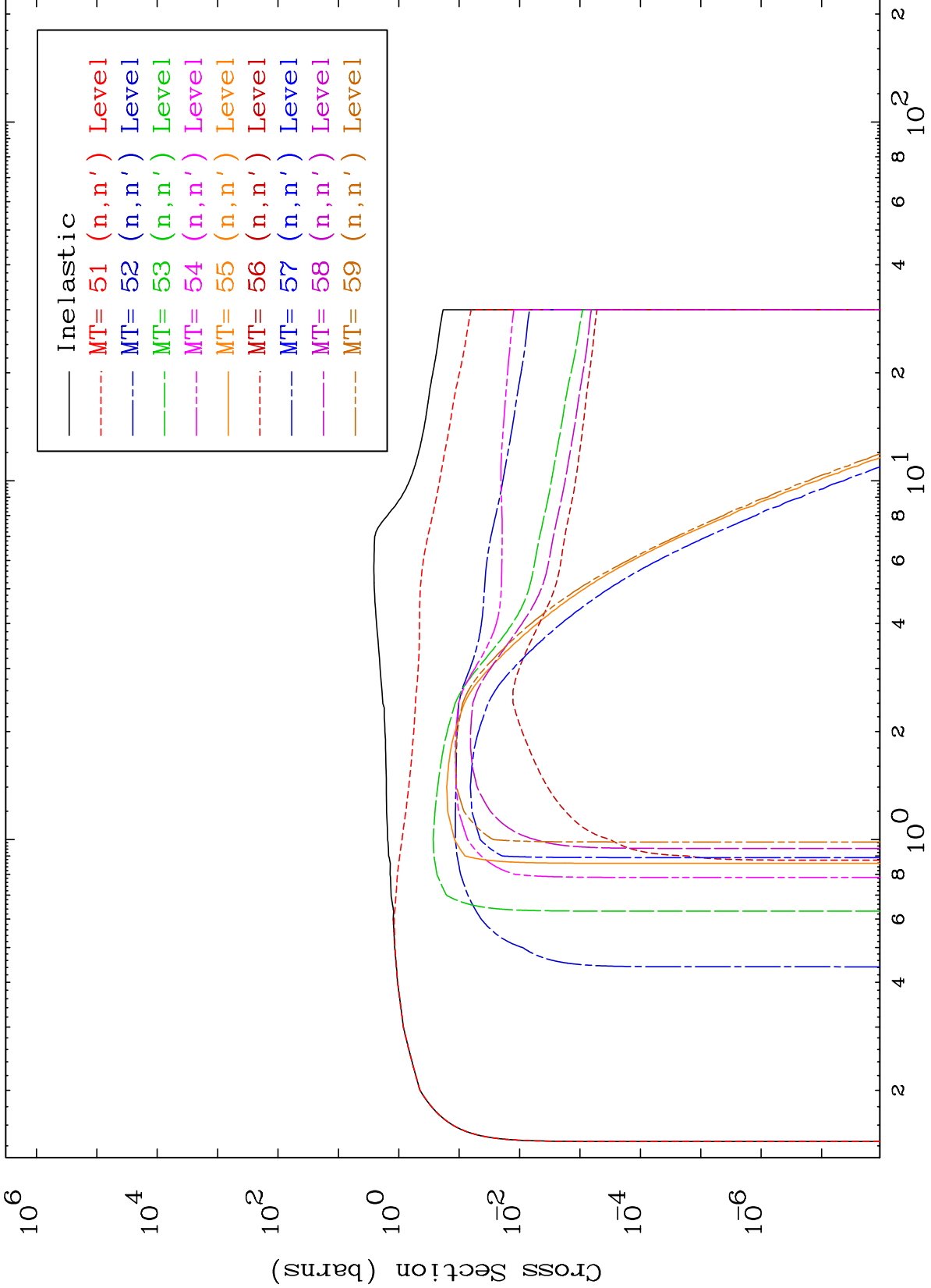


74-W -188

Incident Energy (MeV)

6

293 Kelvin Cross Sections

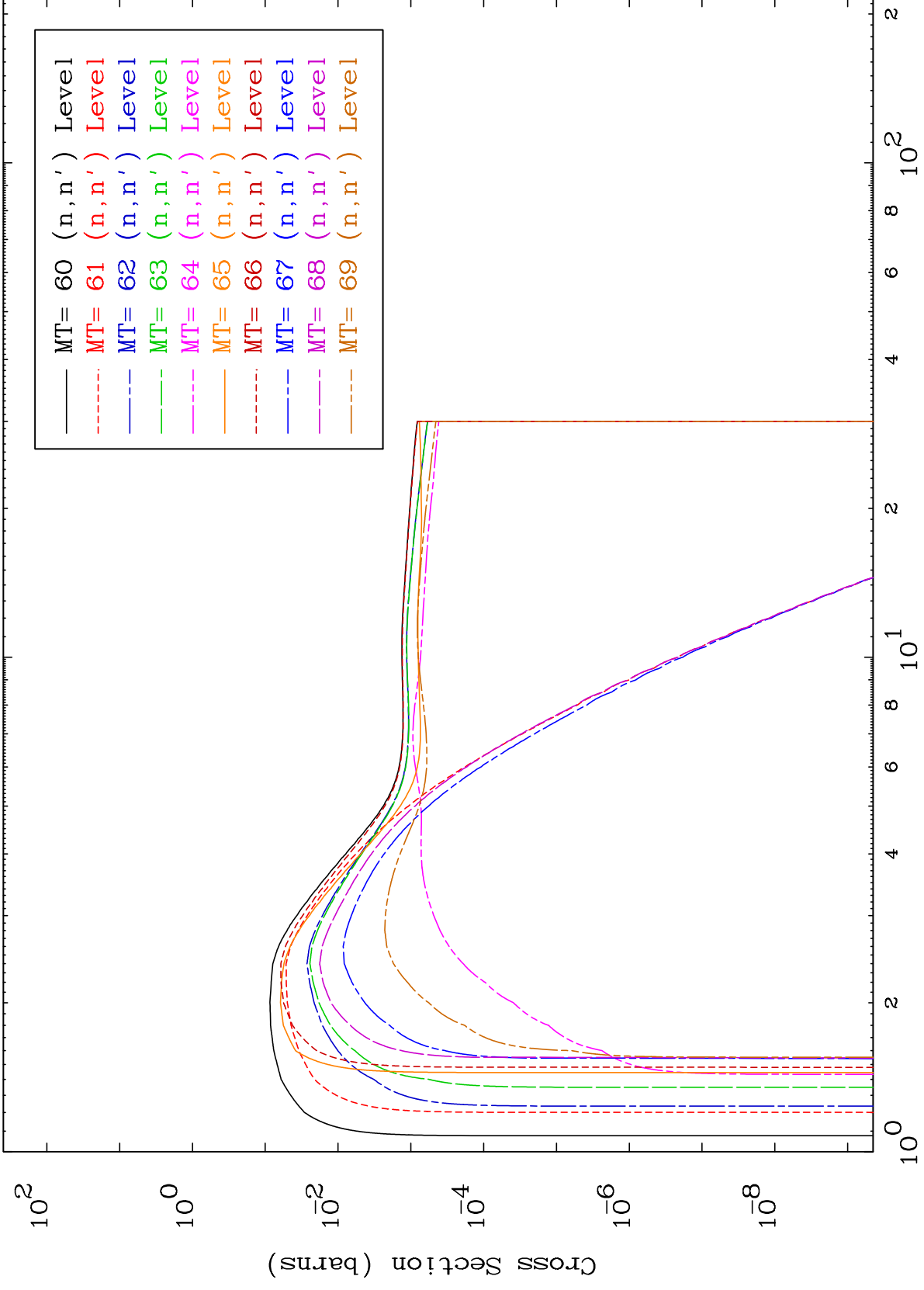


MAT 7449

(n,n') Level

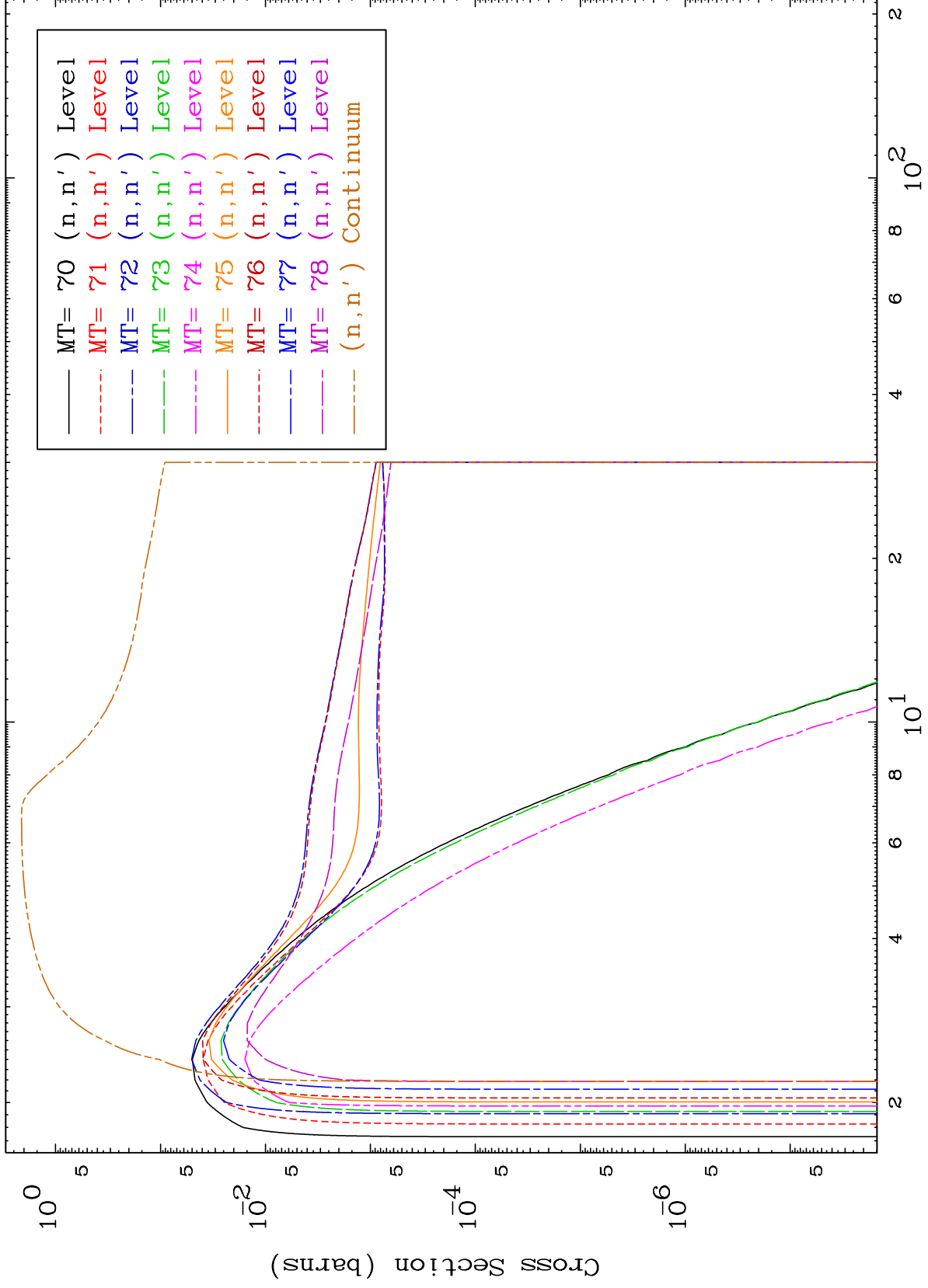
74-W -188

293 Kelvin Cross Sections



Incident Energy (MeV)

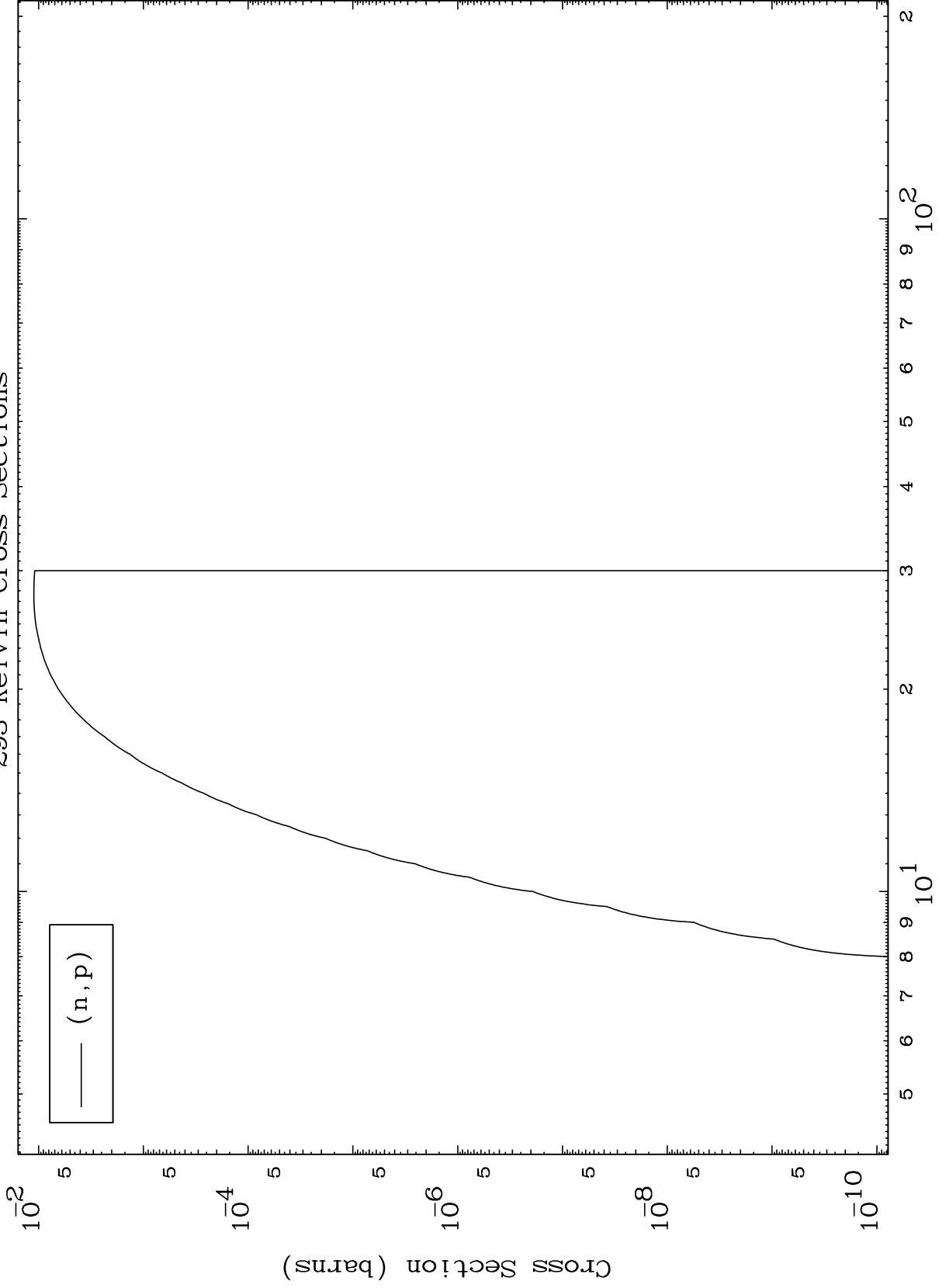
74-W -188



MAT 7449

(n,p) Levels
293 Kelvin Cross Sections

74-W -188



10

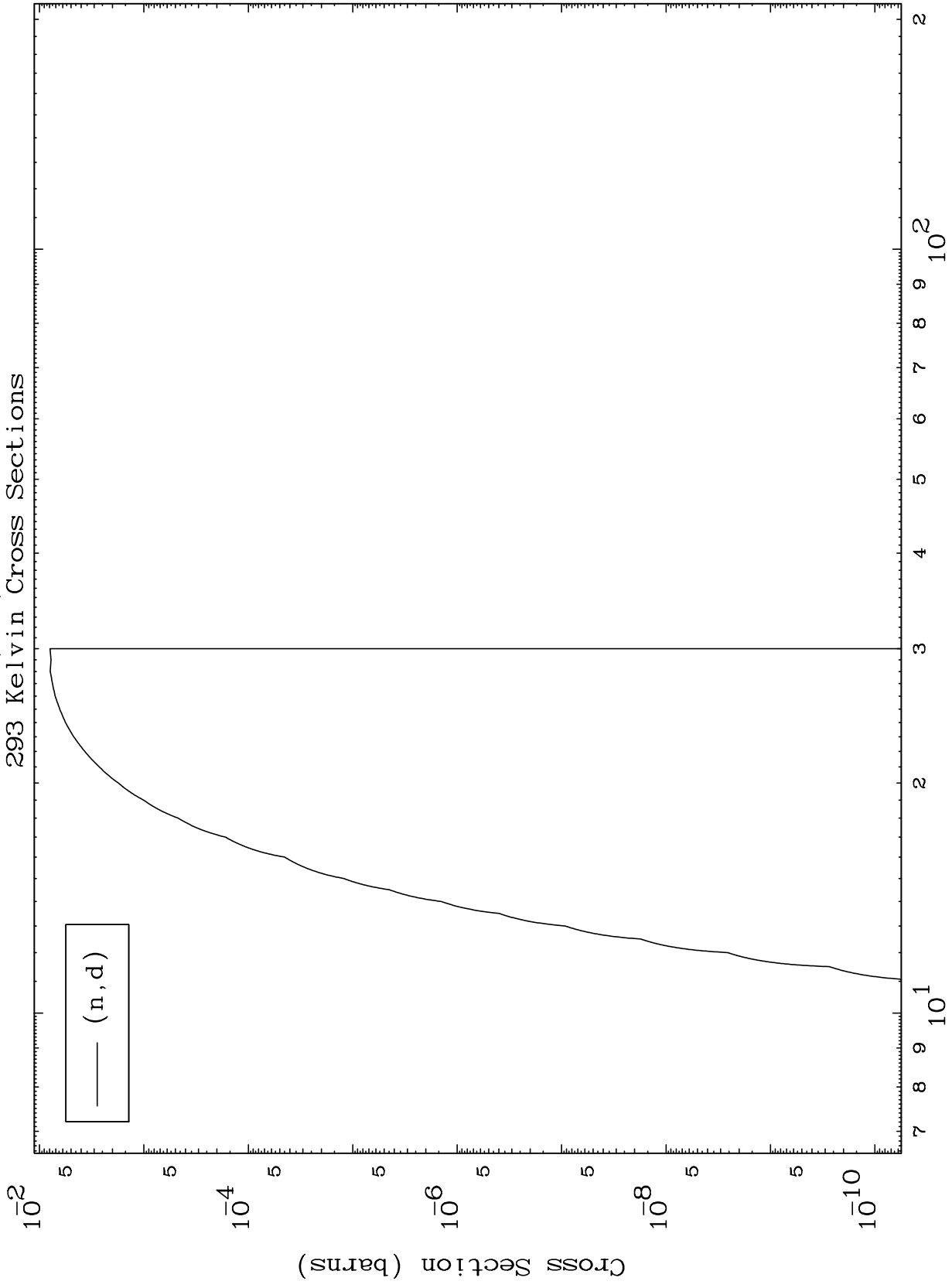
Incident Energy (MeV)

74-W -188

MAT 7449

(n,d) Levels
293 Kelvin Cross Sections

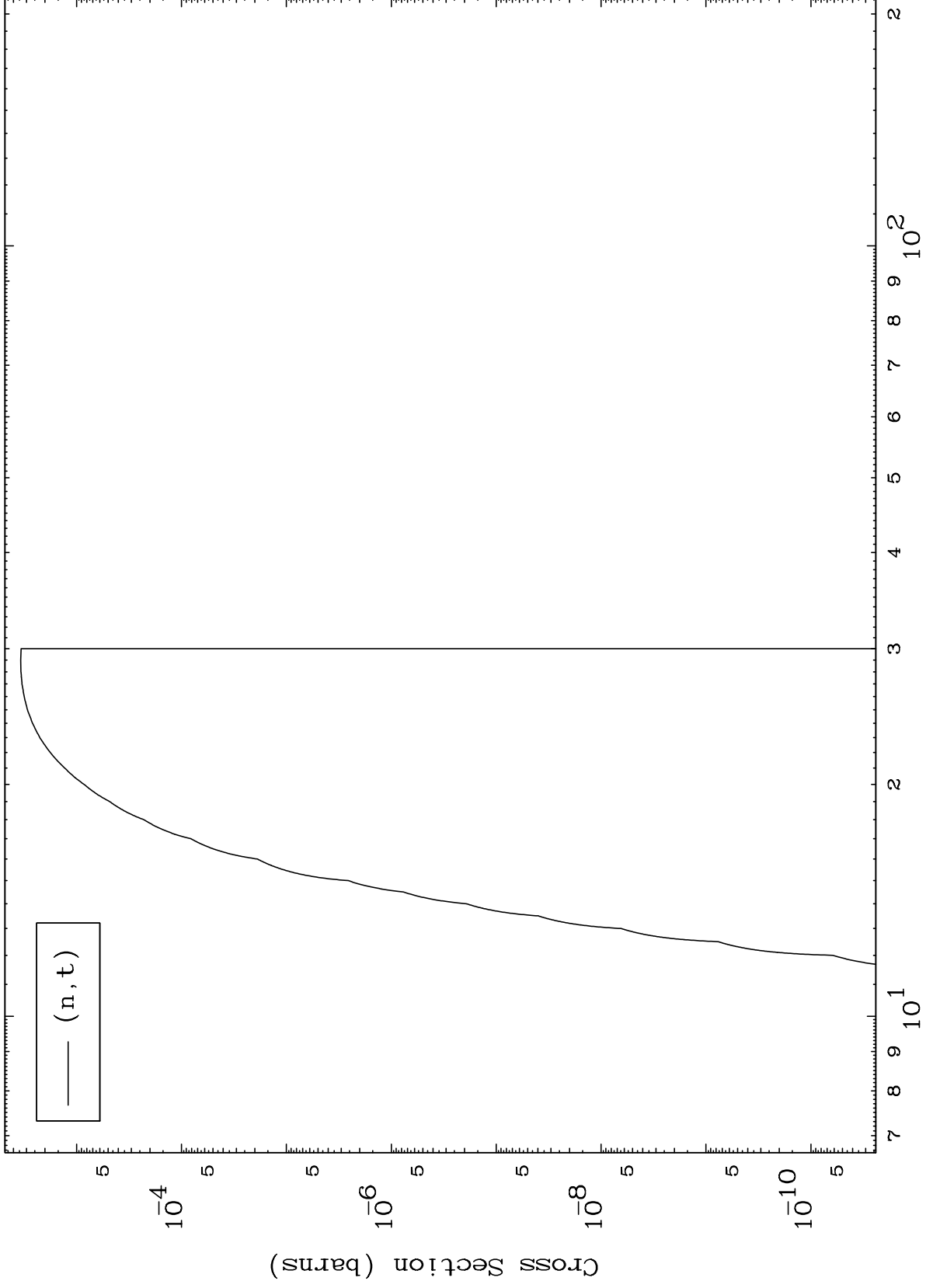
74-W -188



11

Incident Energy (MeV)

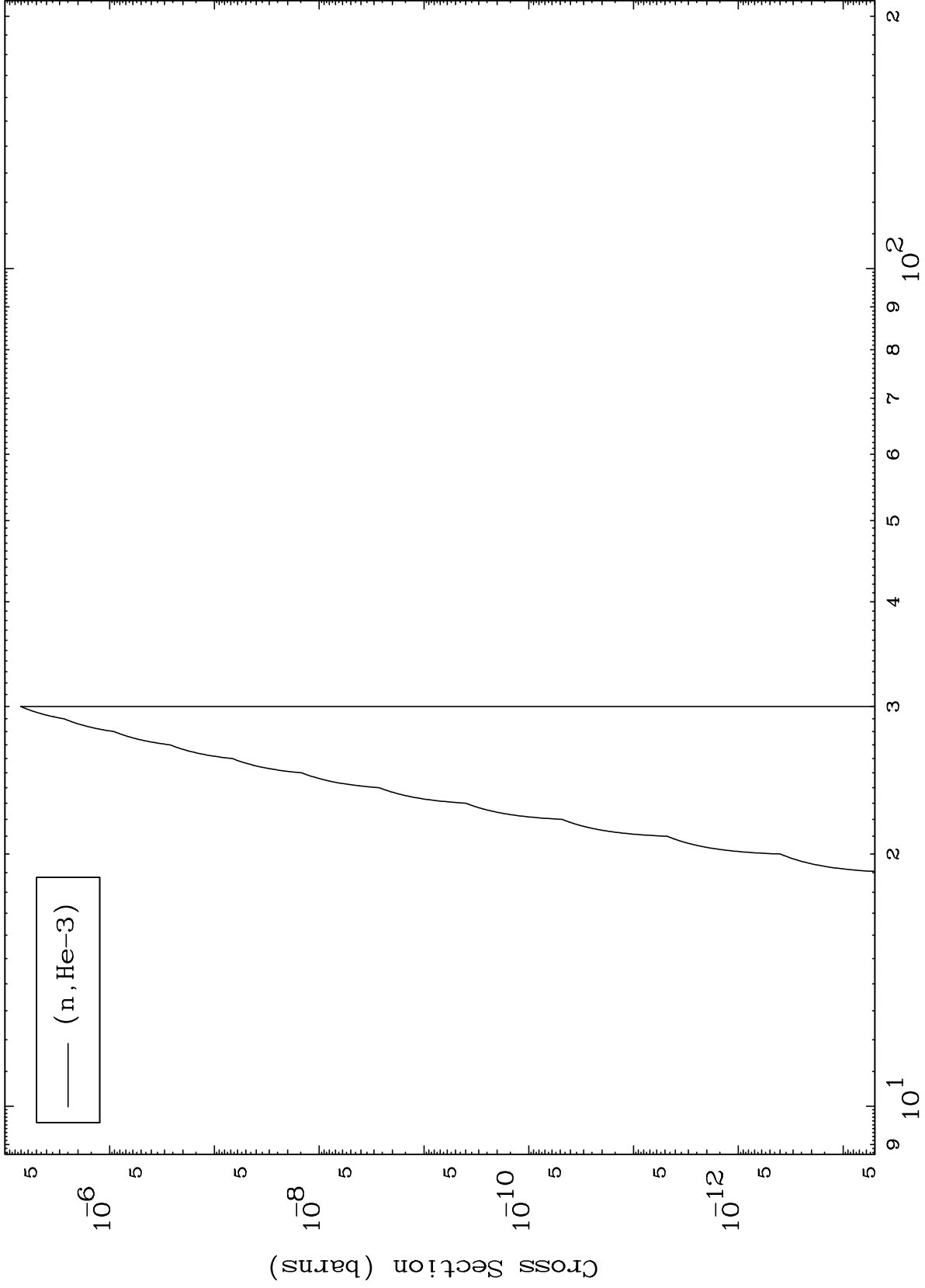
74-W -188



MAT 7449

(n,He3) Levels
293 Kelvin Cross Sections

74-W -188



13

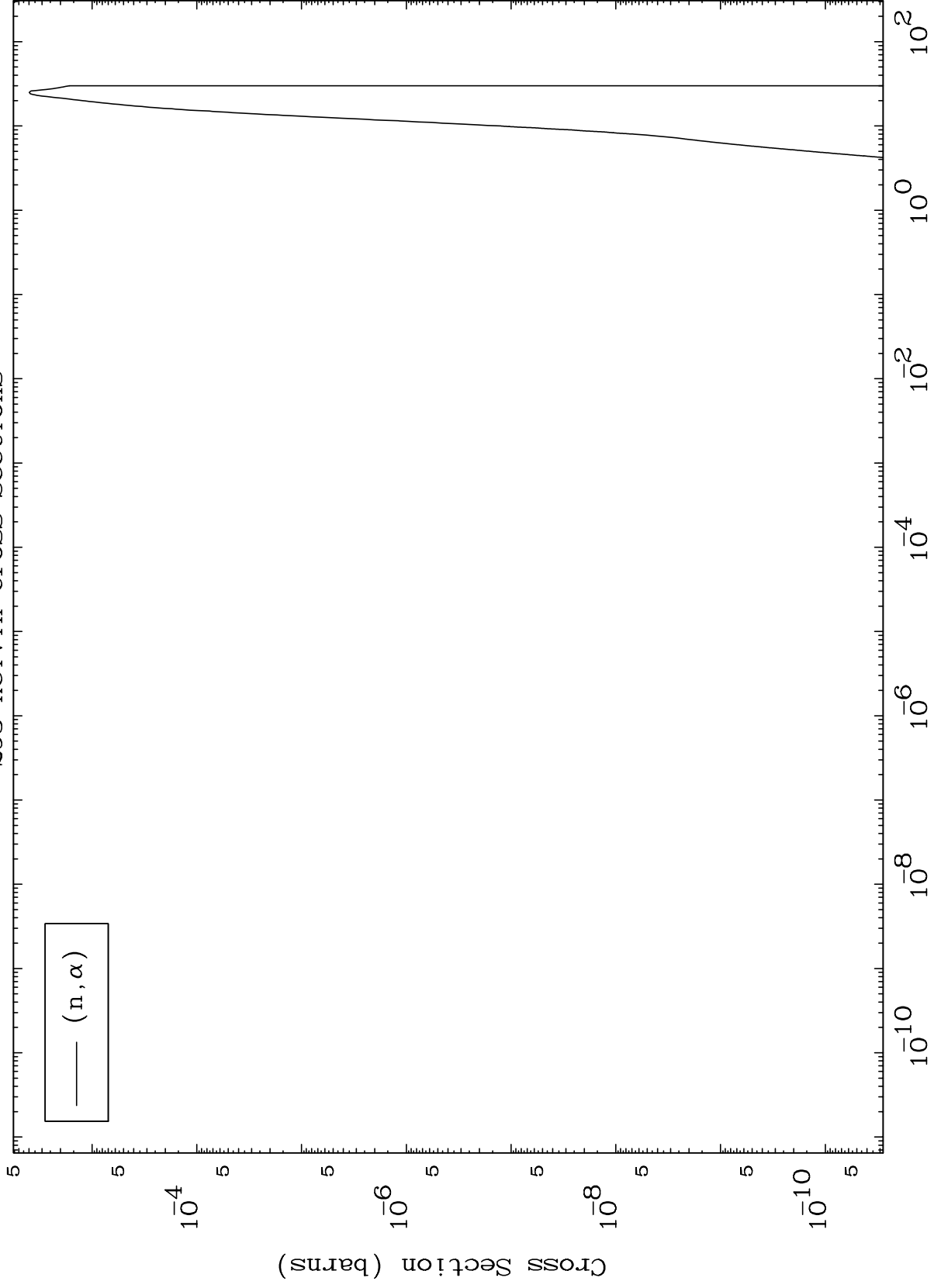
Incident Energy (MeV)

74-W -188

MAT 7449

(n, α) Levels
293 Kelvin Cross Sections

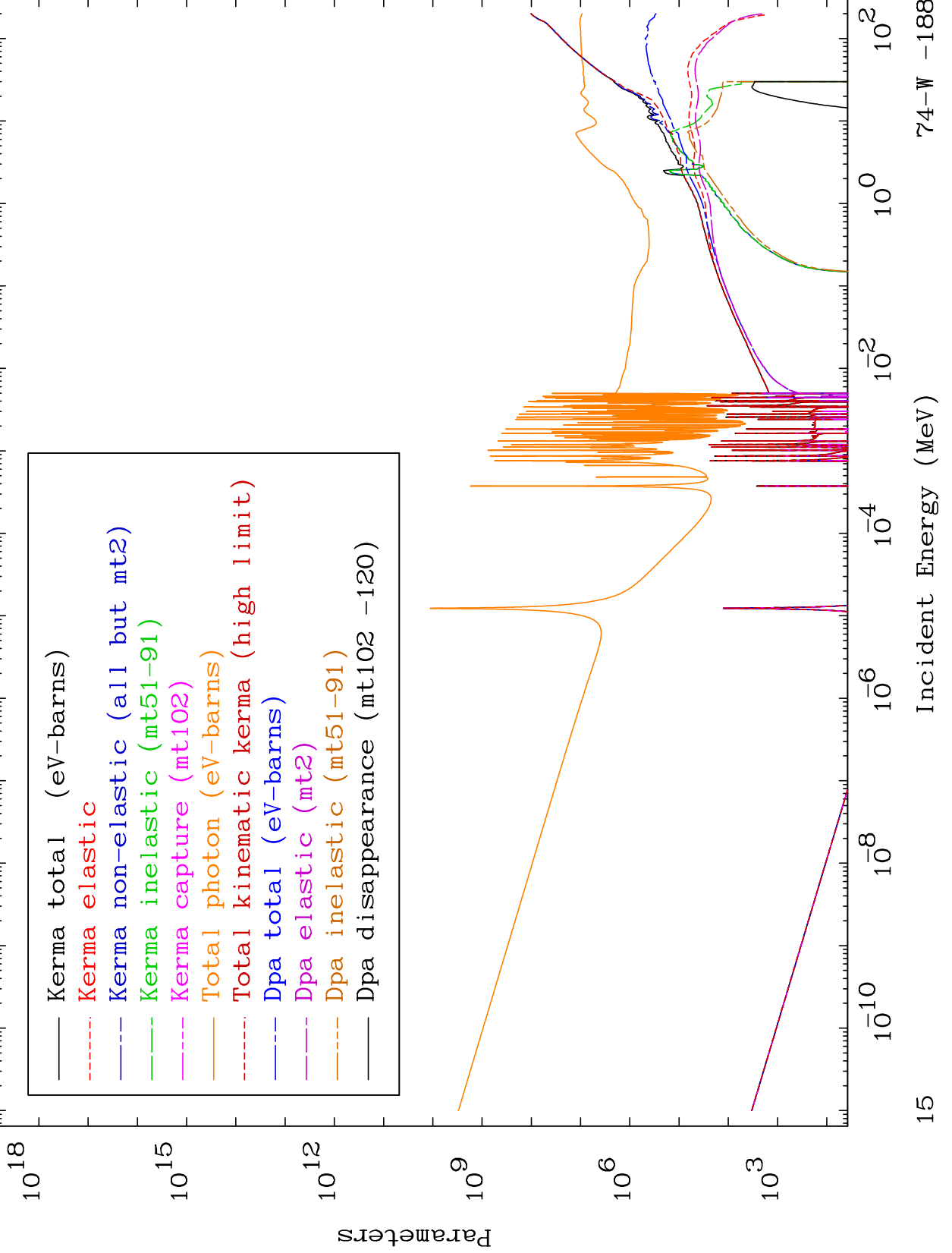
74-W -188



14

Incident Energy (MeV)

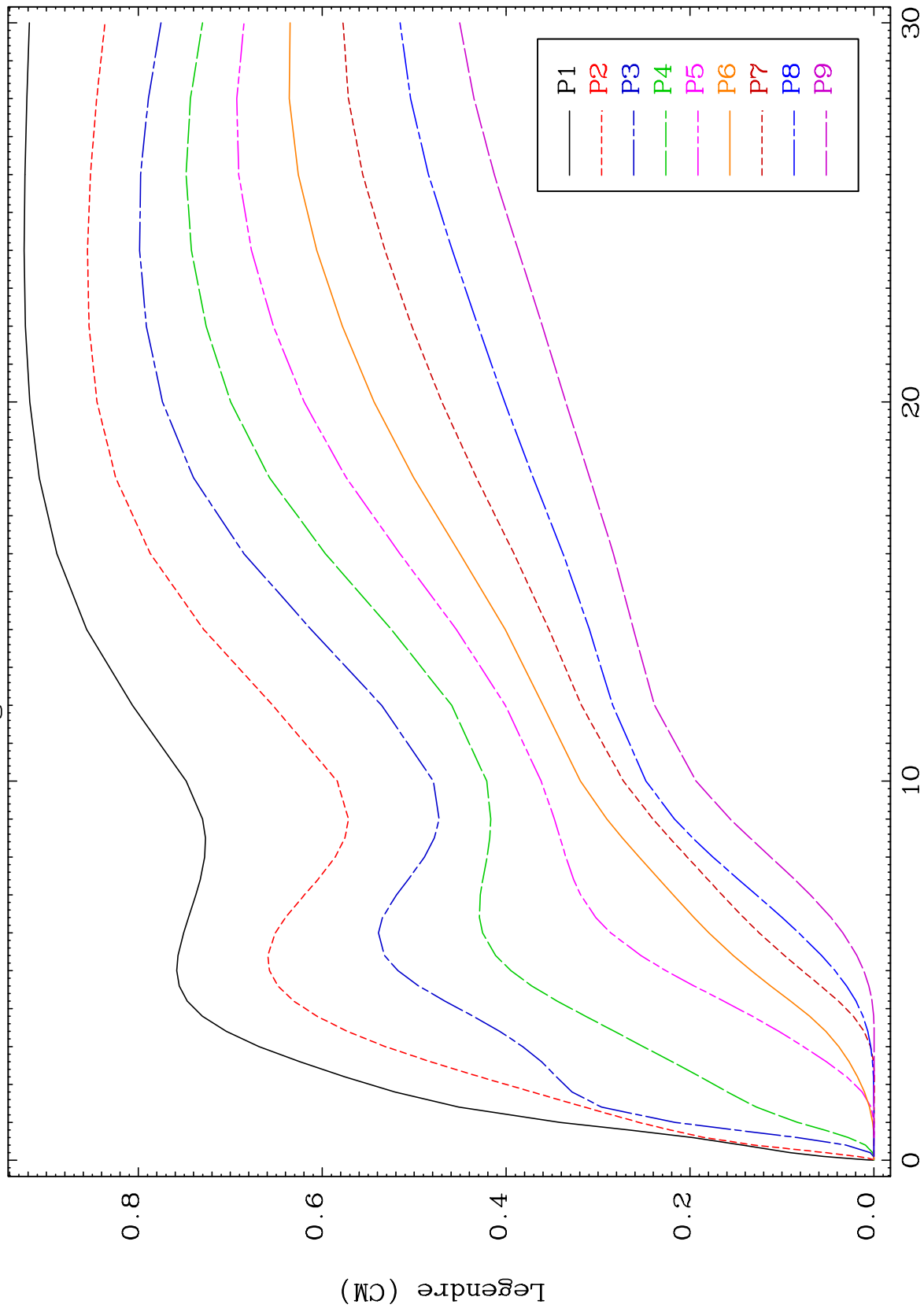
74-W -188



MAT 7449

Elastic Legendre Coefficients

74-W -188



16

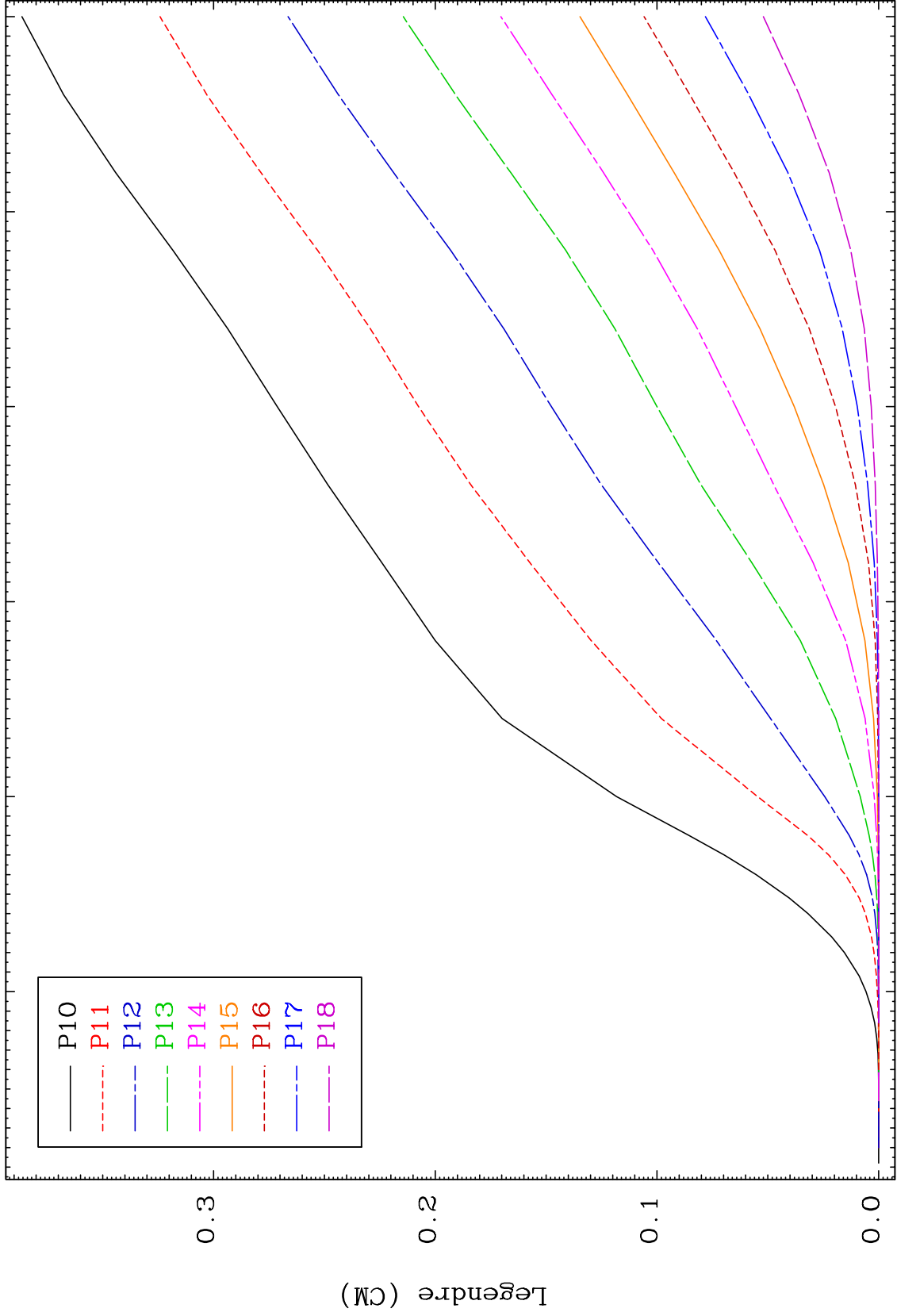
Incident Energy (MeV)

74-W -188

MAT 7449

Elastic Legendre Coefficients

74-W -188



17

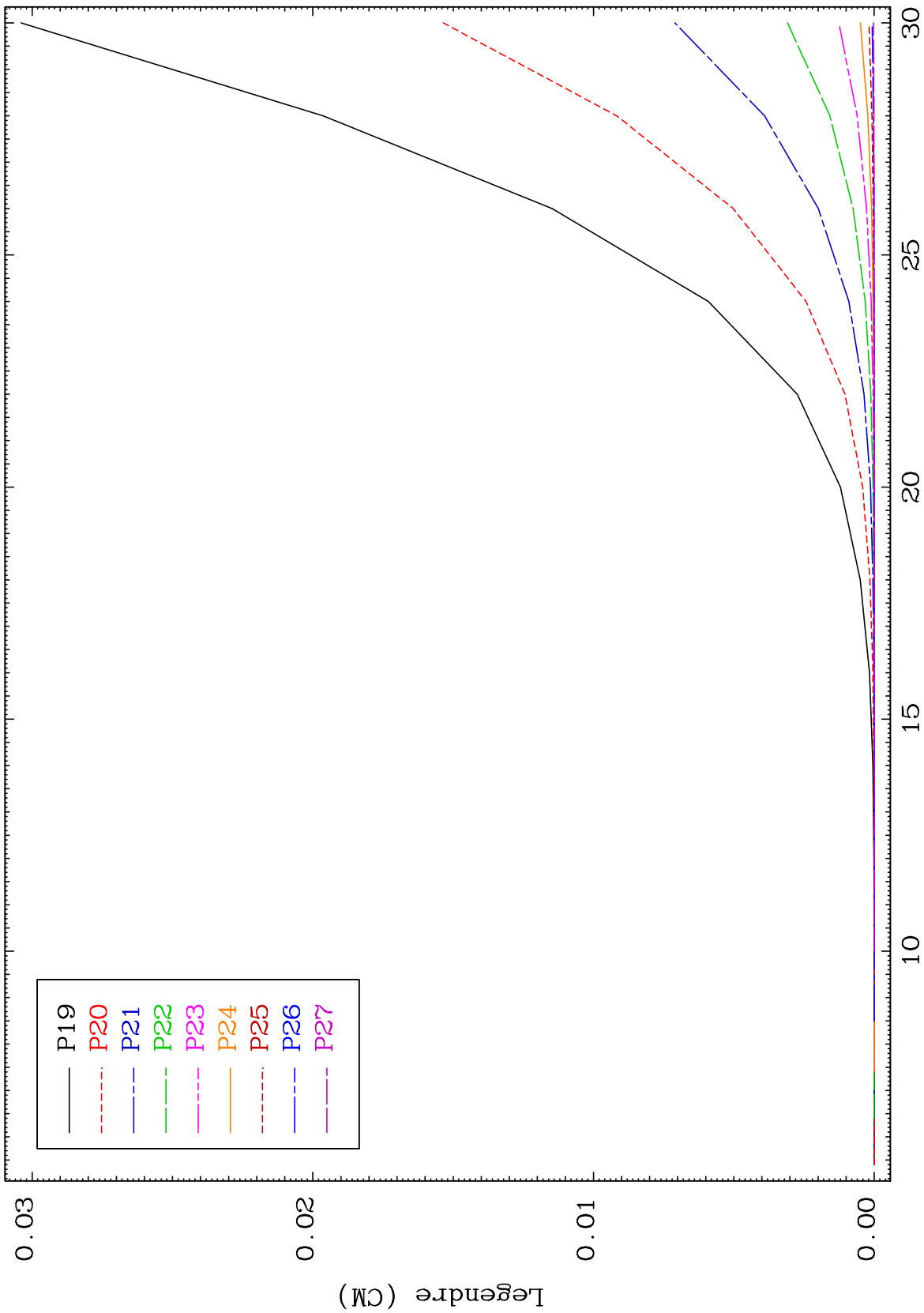
Incident Energy (MeV)

74-W -188

MAT 7449

Elastic Legendre Coefficients

74-W -188



18

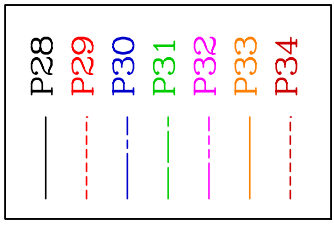
Incident Energy (MeV)

74-W -188

MAT 7449

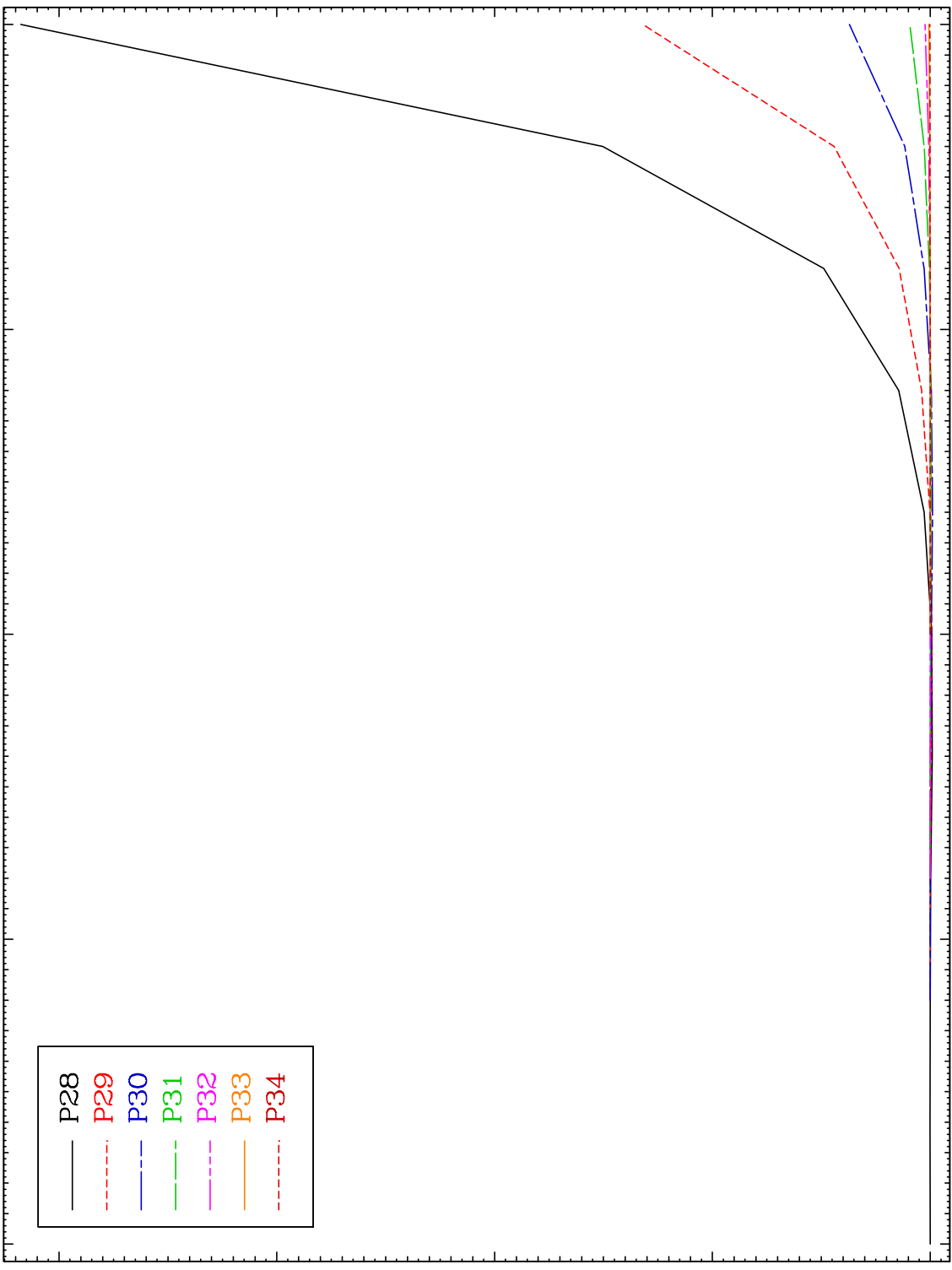
Elastic
Legendre Coefficients

74-W -188



$\times 10^{-68}$

Legendre (CM)



30

25

20

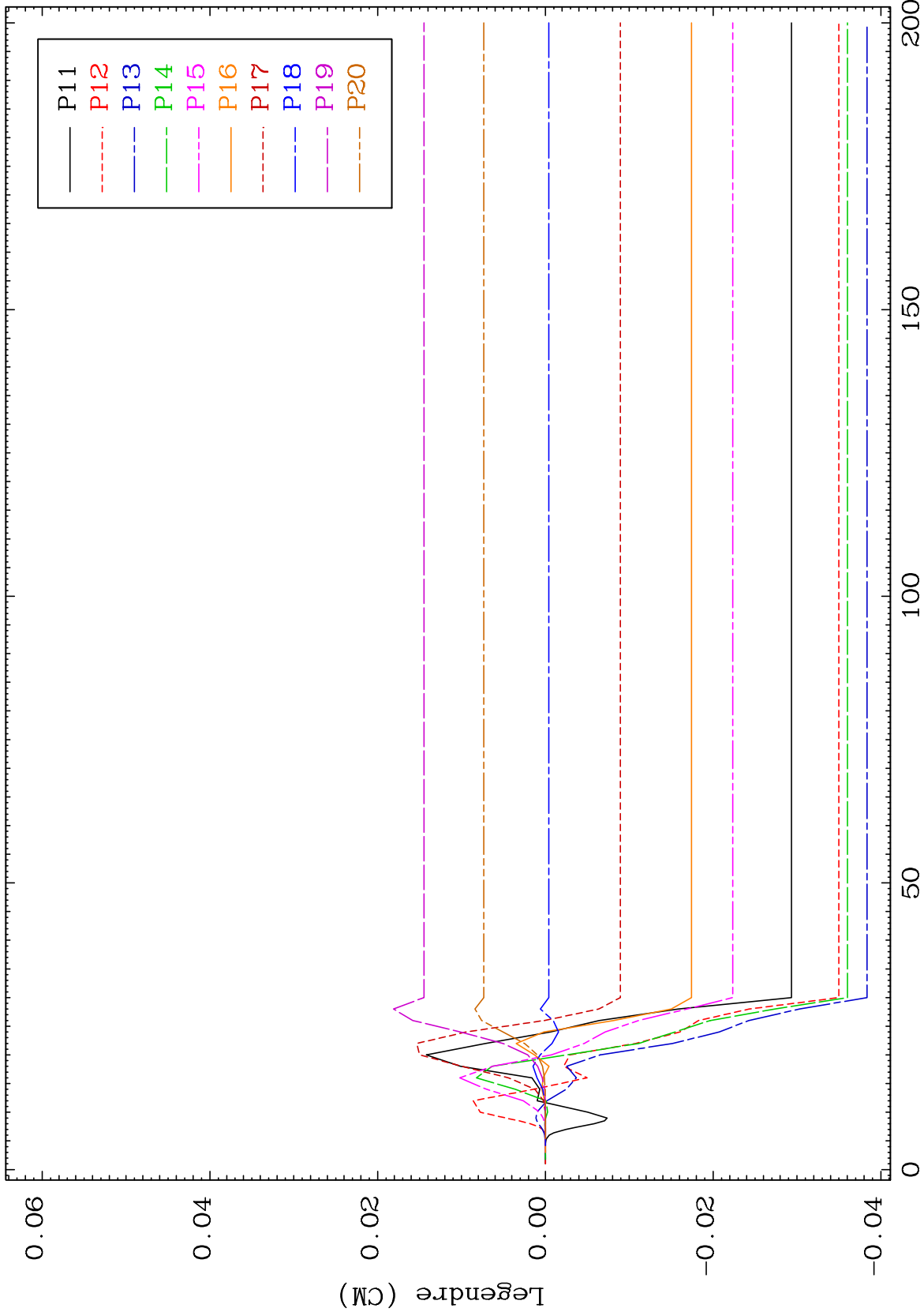
15

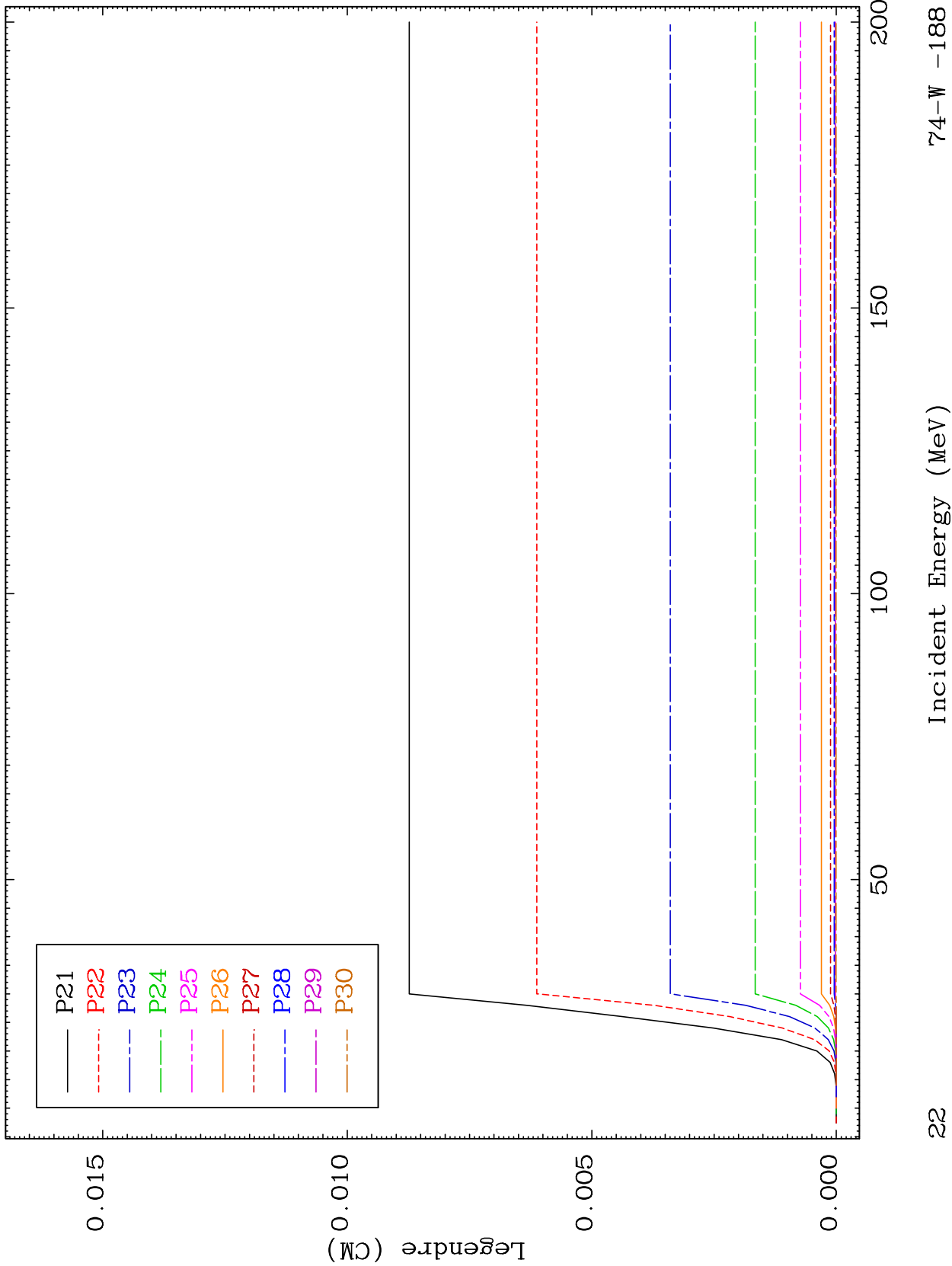
10

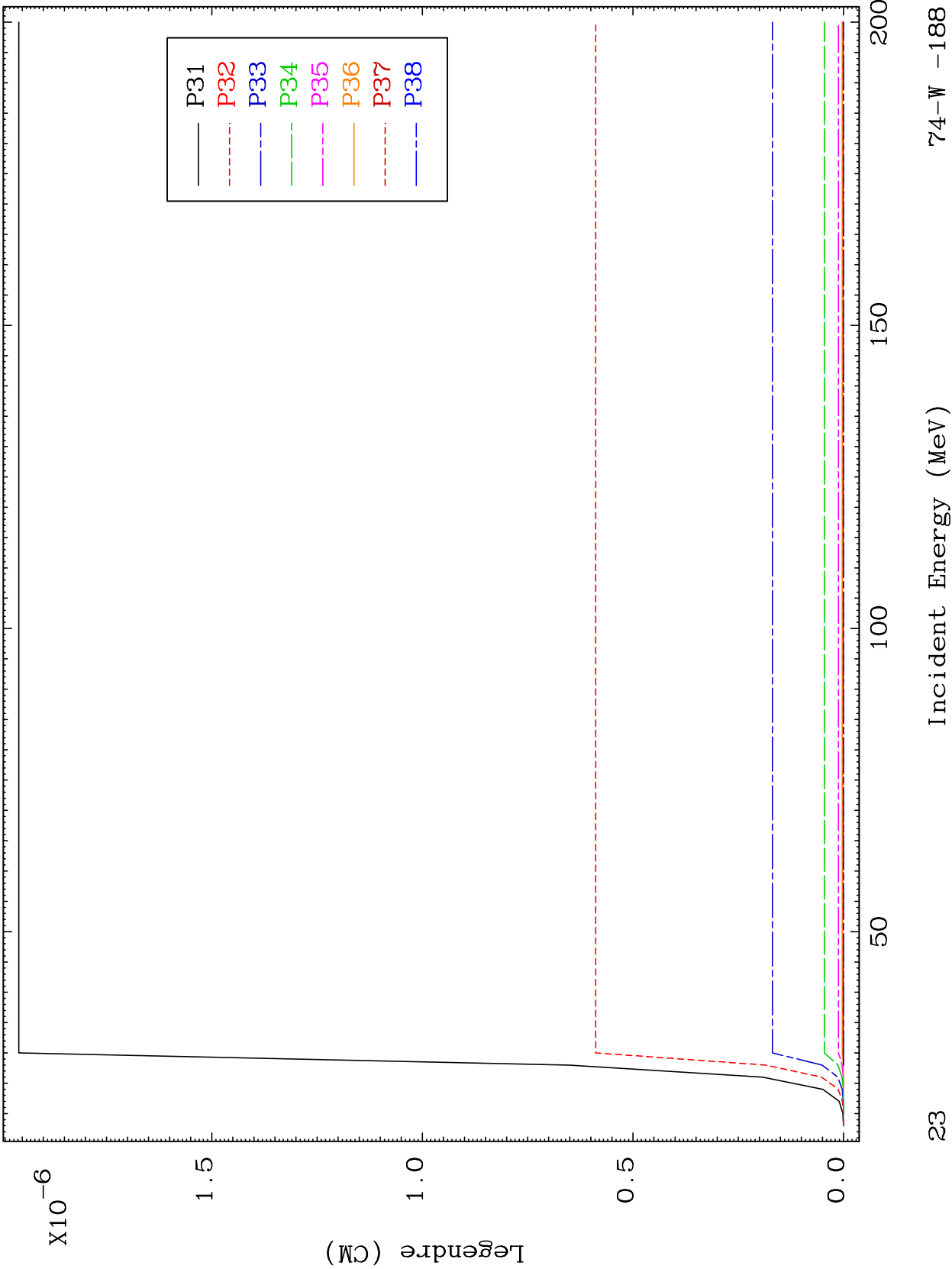
Incident Energy (MeV)

74-W -188

19



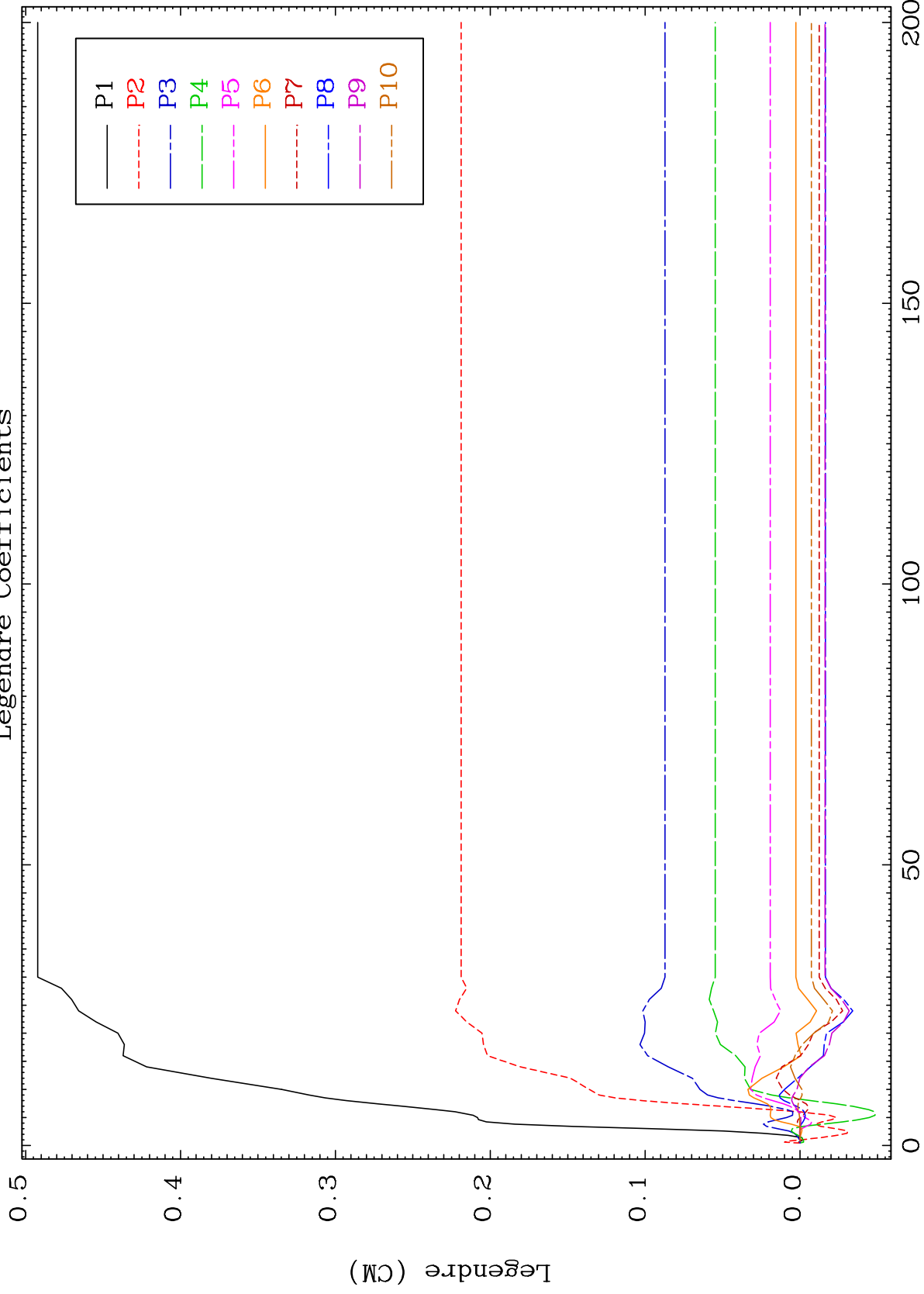




MAT 7449

MT= 52 (n,n') Level
Legendre Coefficients

74-W -188



24

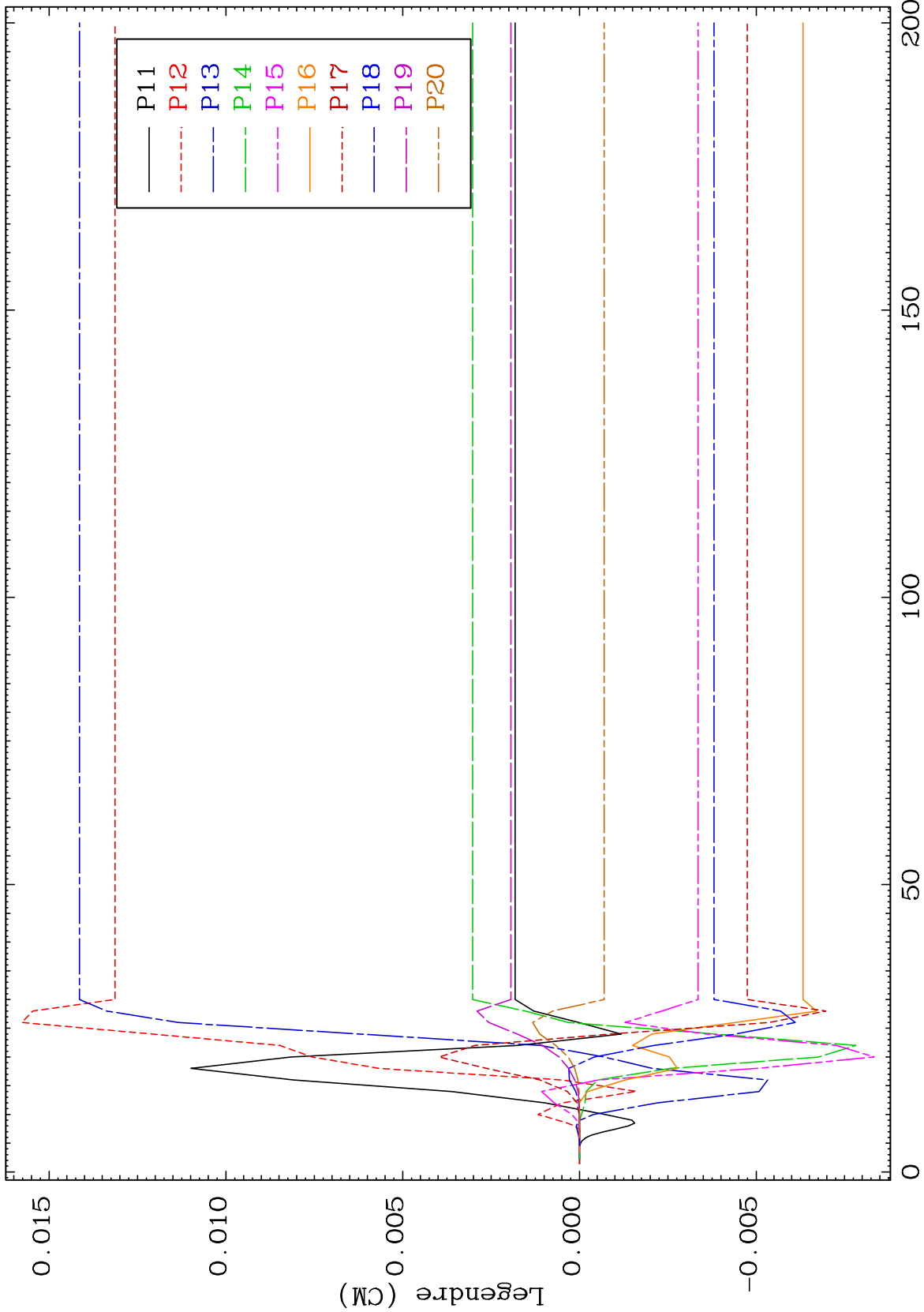
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 52 (n,n') Level
Legendre Coefficients

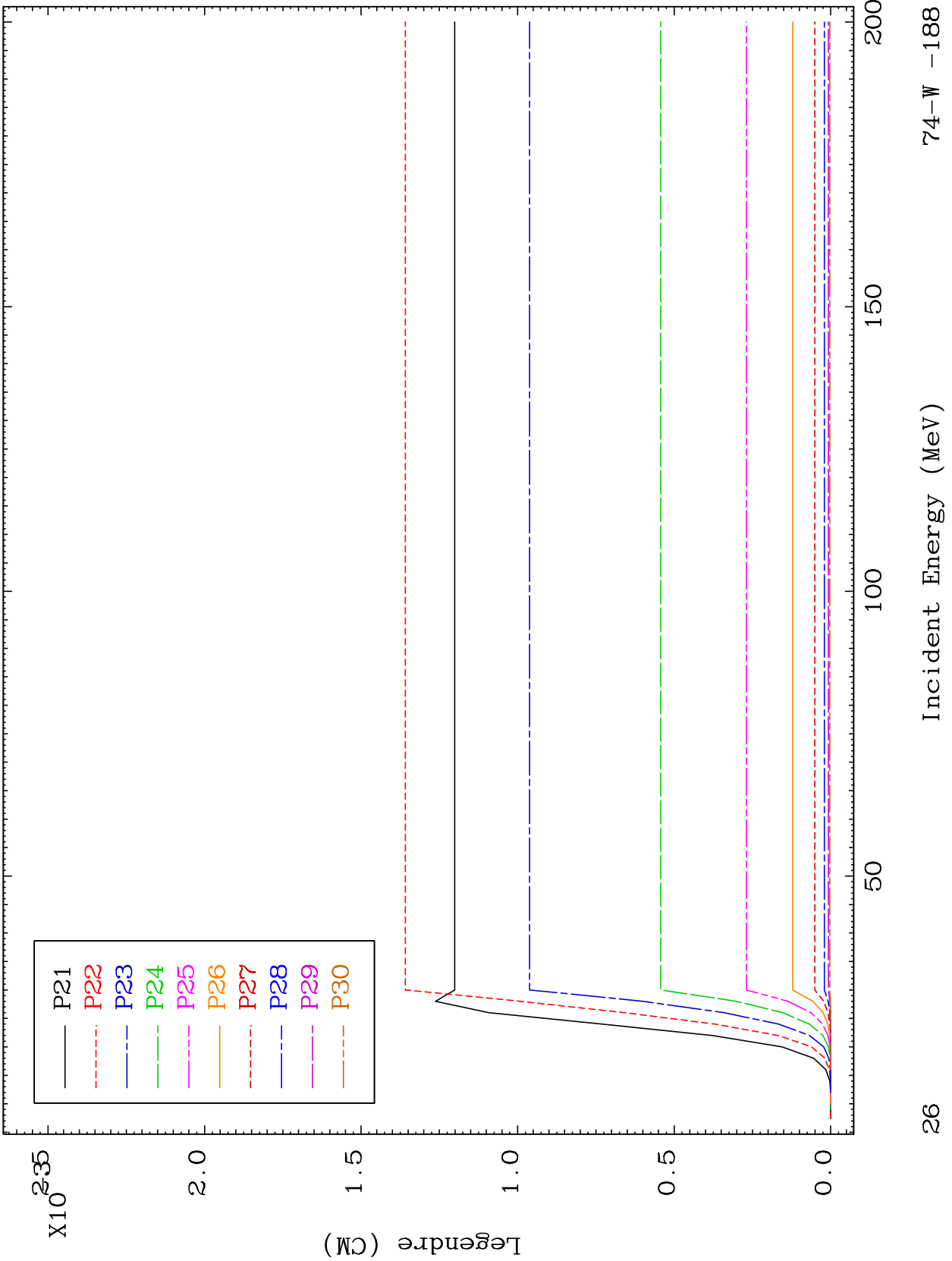
74-W -188

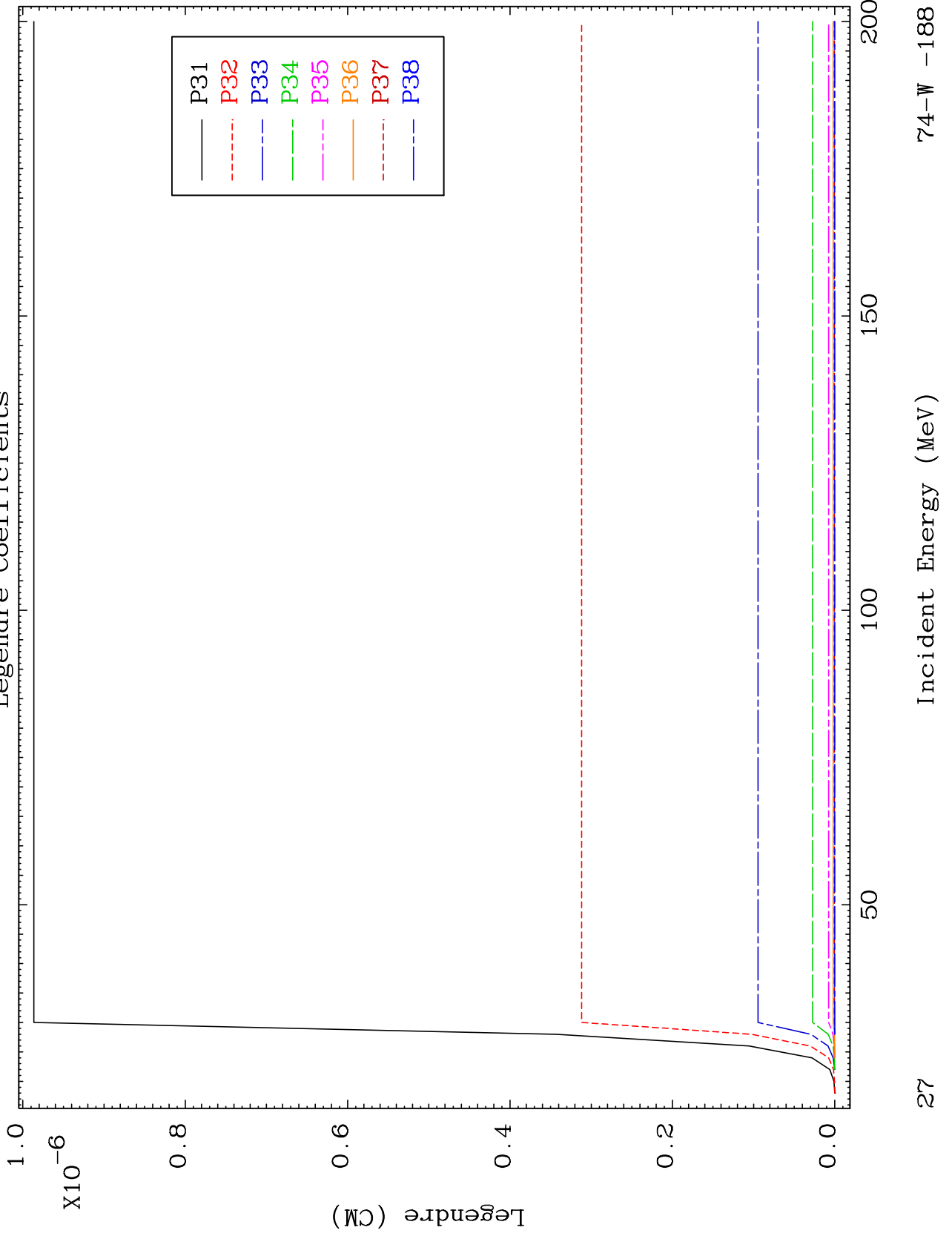


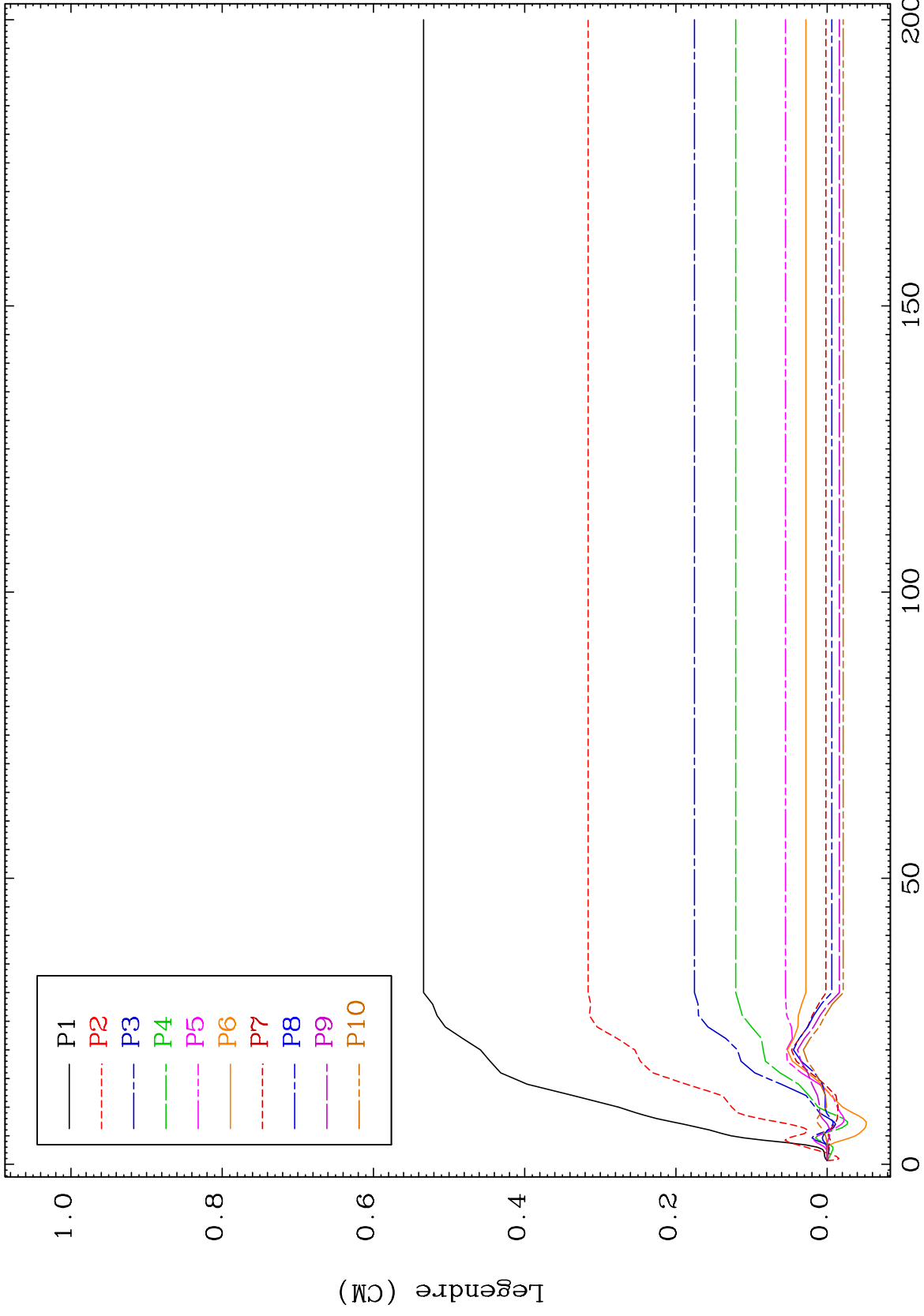
25

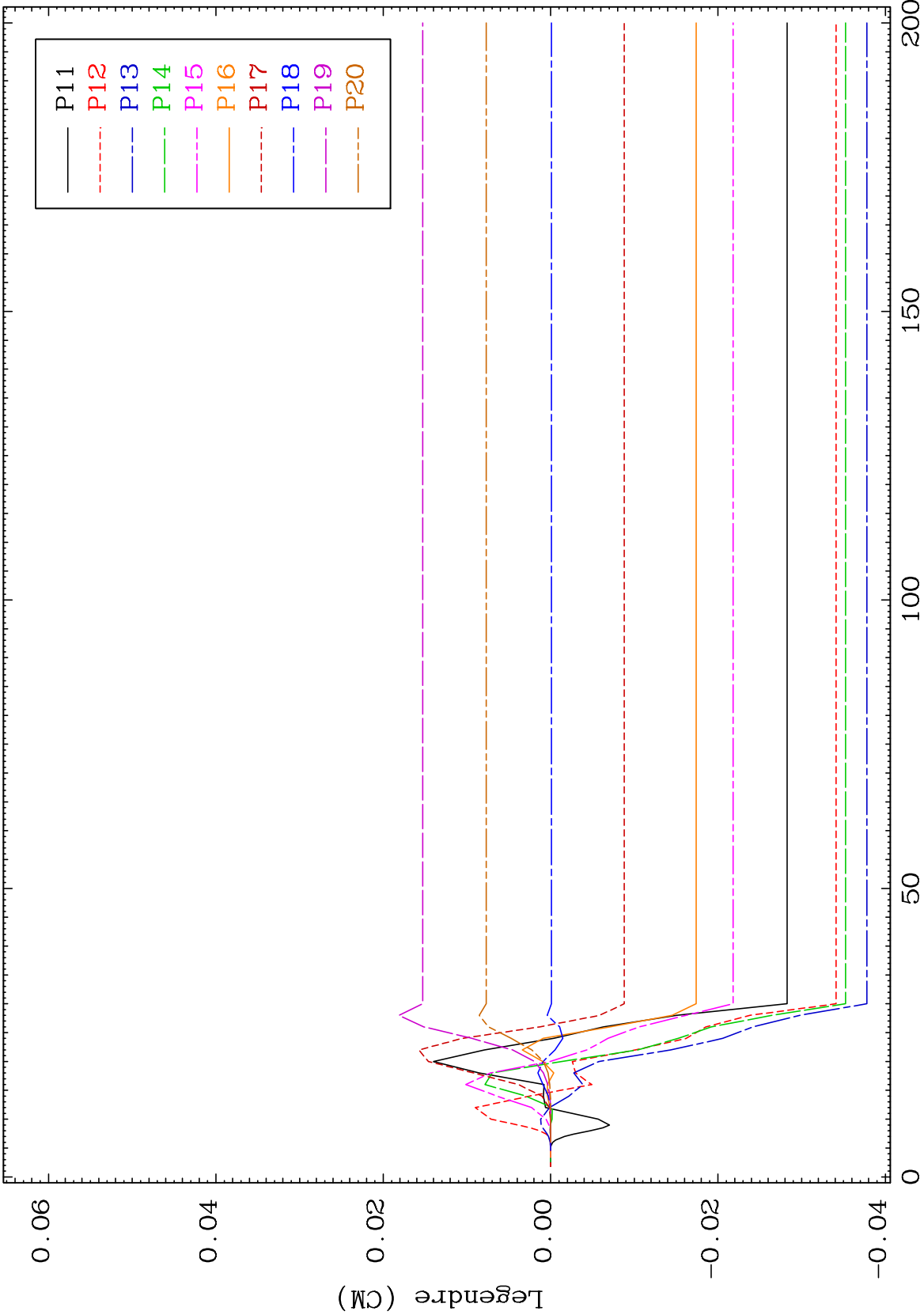
Incident Energy (MeV)

74-W -188





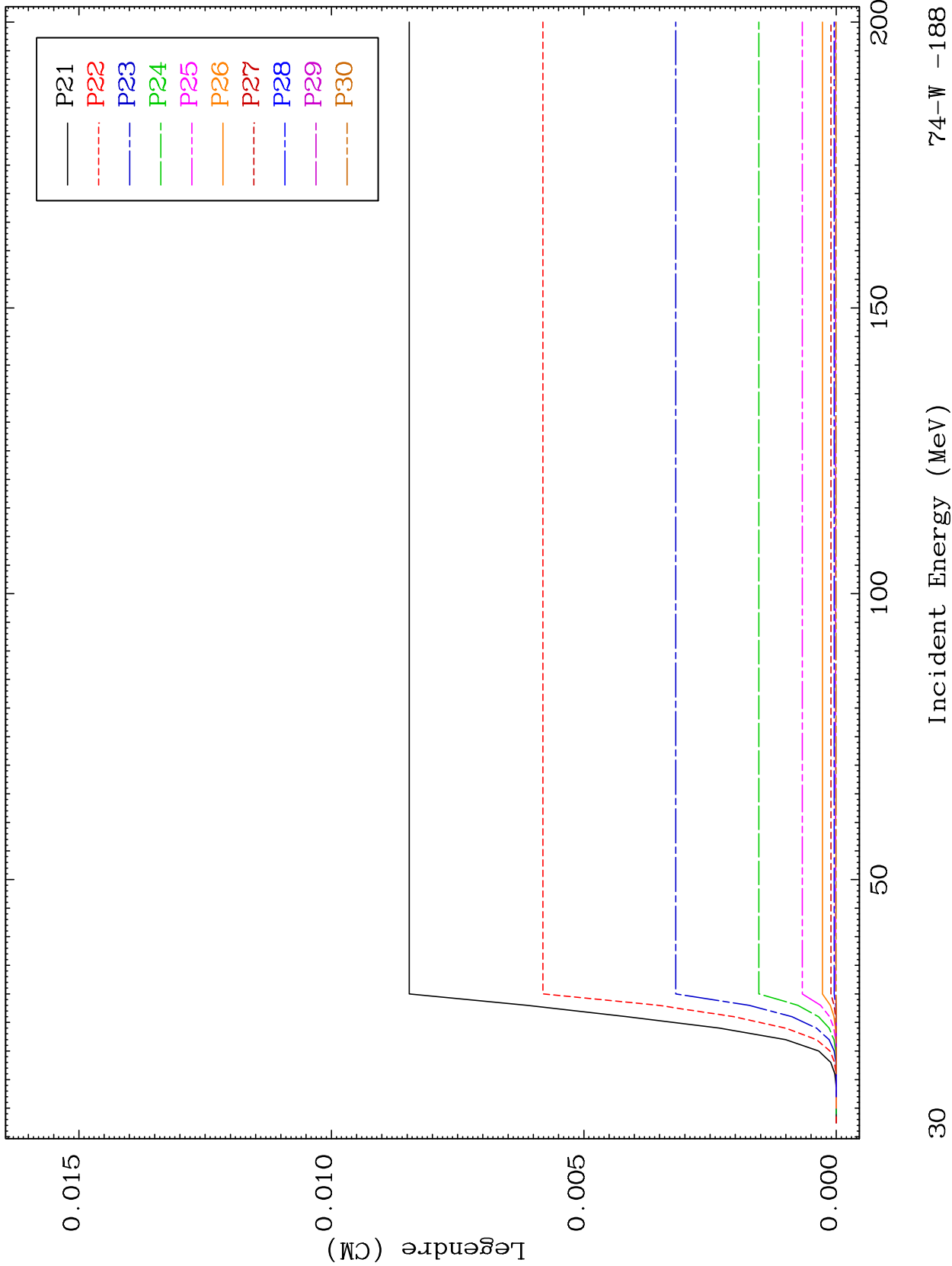




MAT 7449

MT= 53 (n,n') Level
Legendre Coefficients

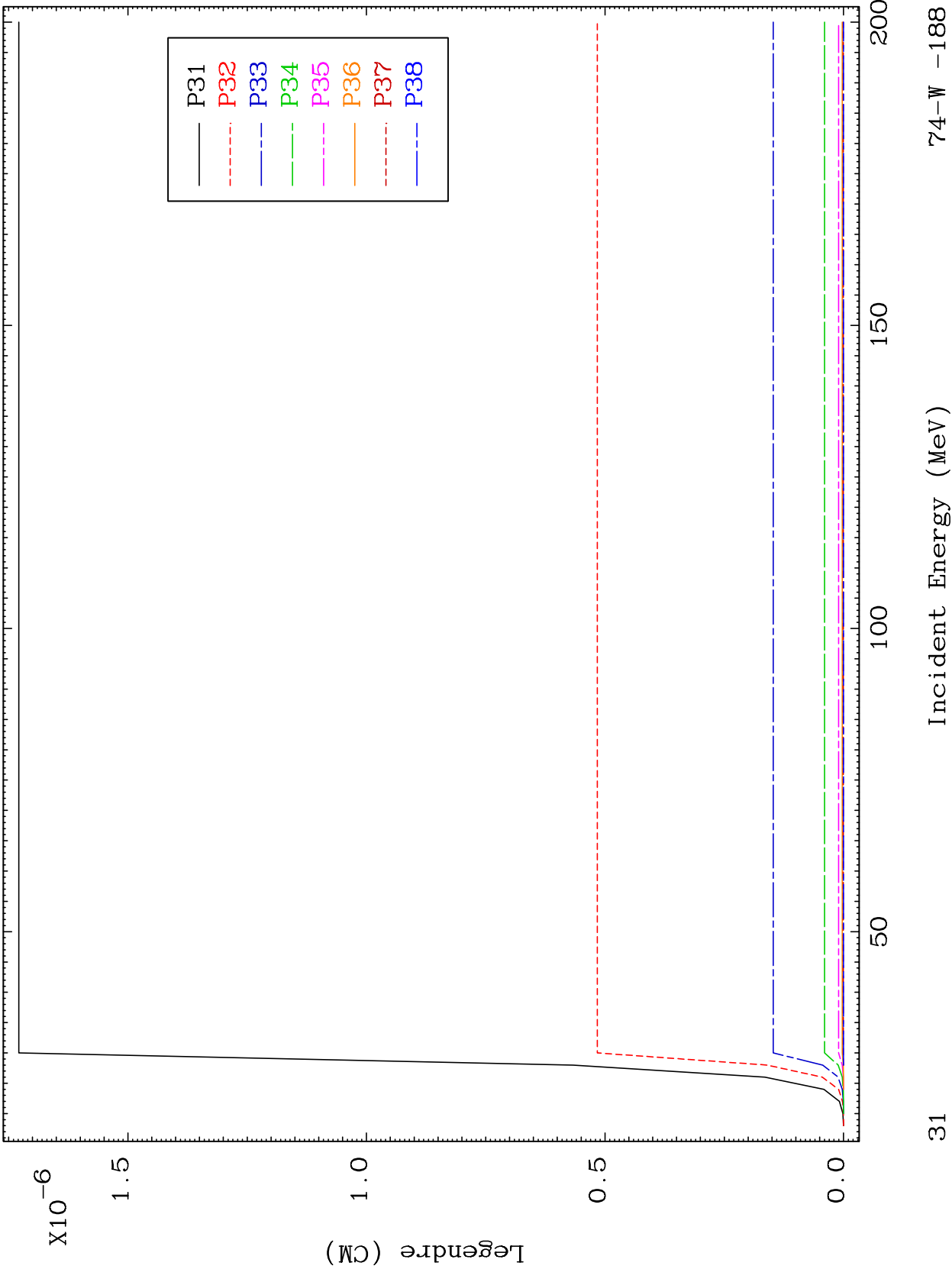
74-W -188



30

Incident Energy (MeV)

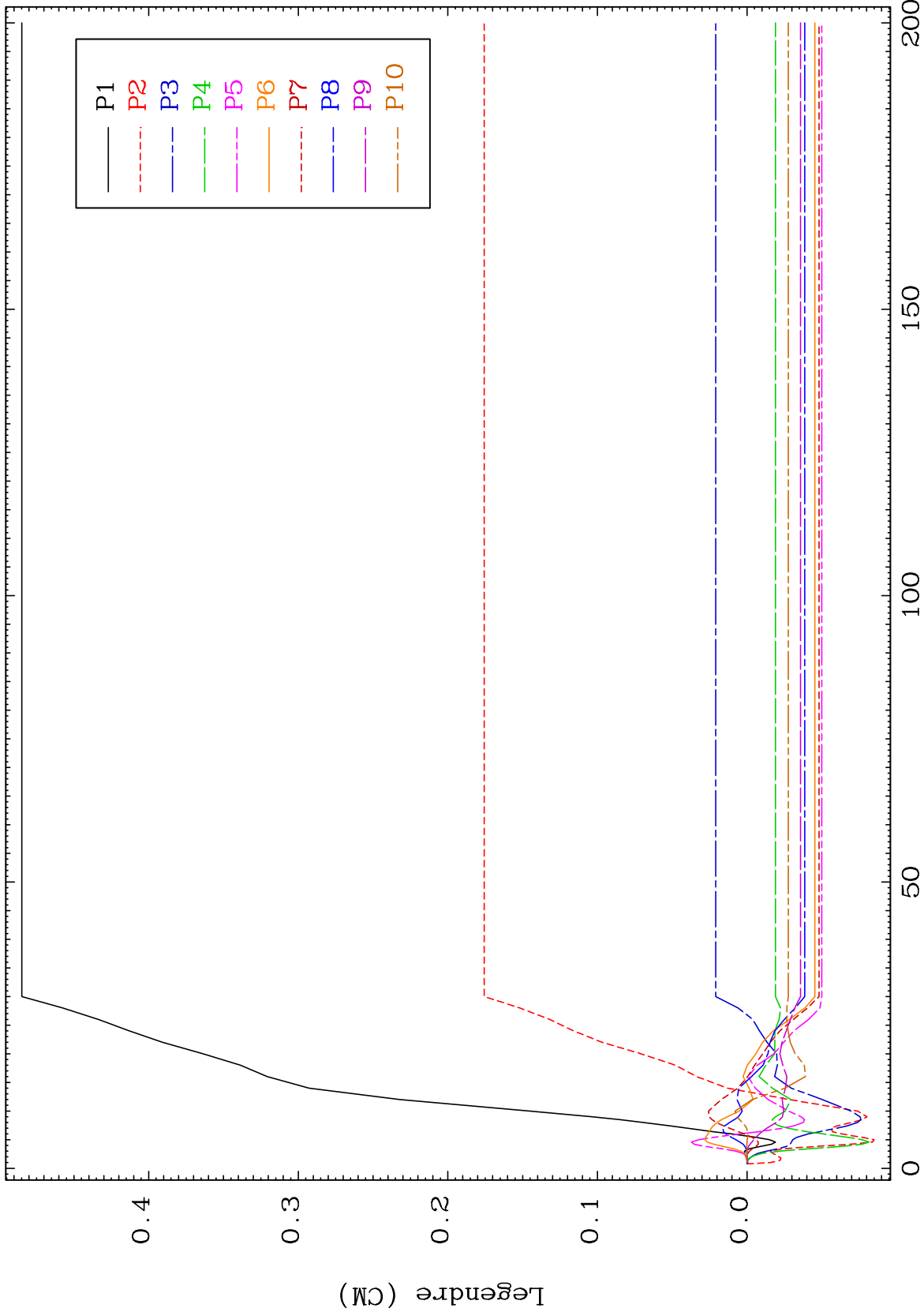
74-W -188



MAT 7449

MT= 54 (n,n') Level
Legendre Coefficients

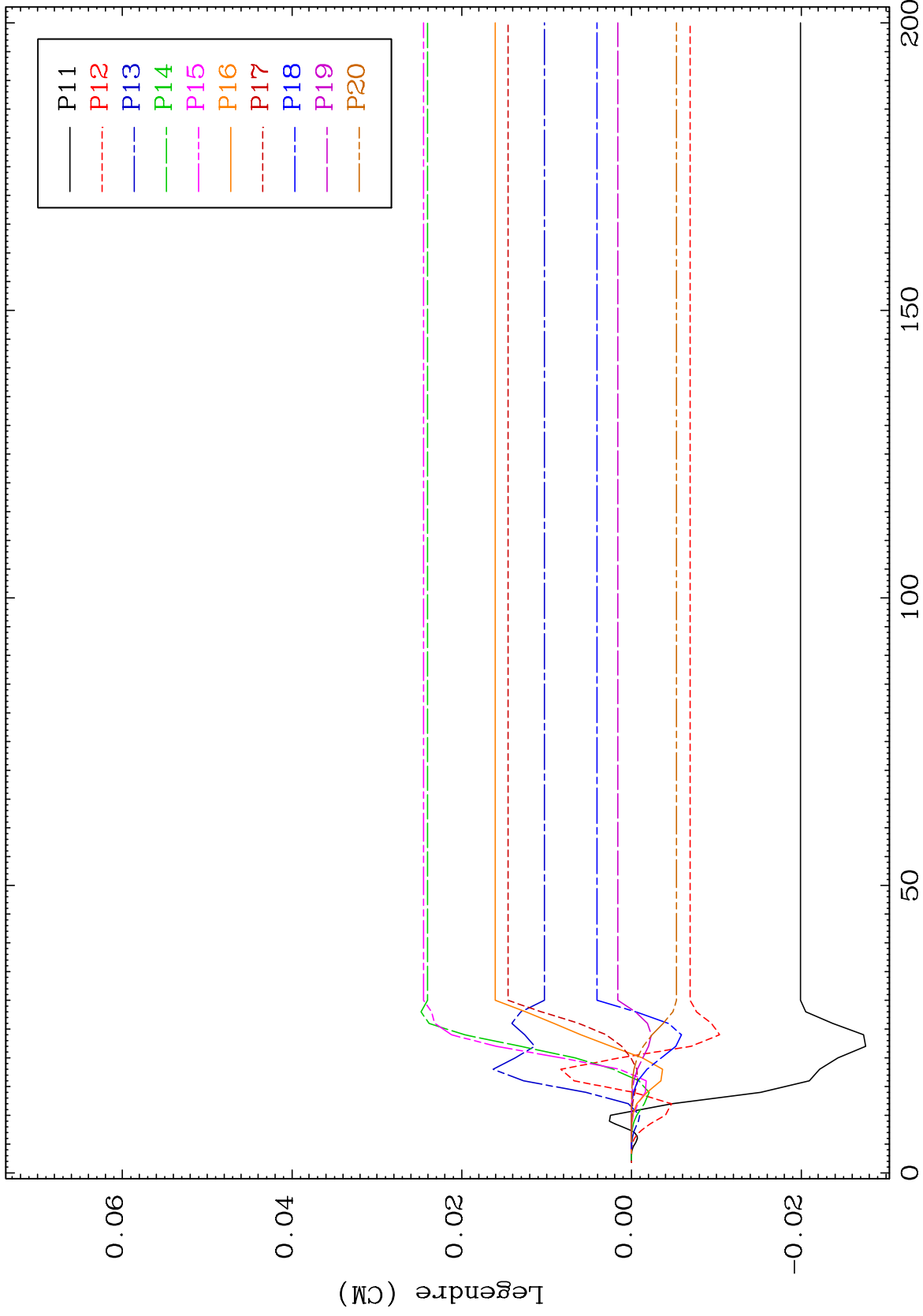
74-W -188

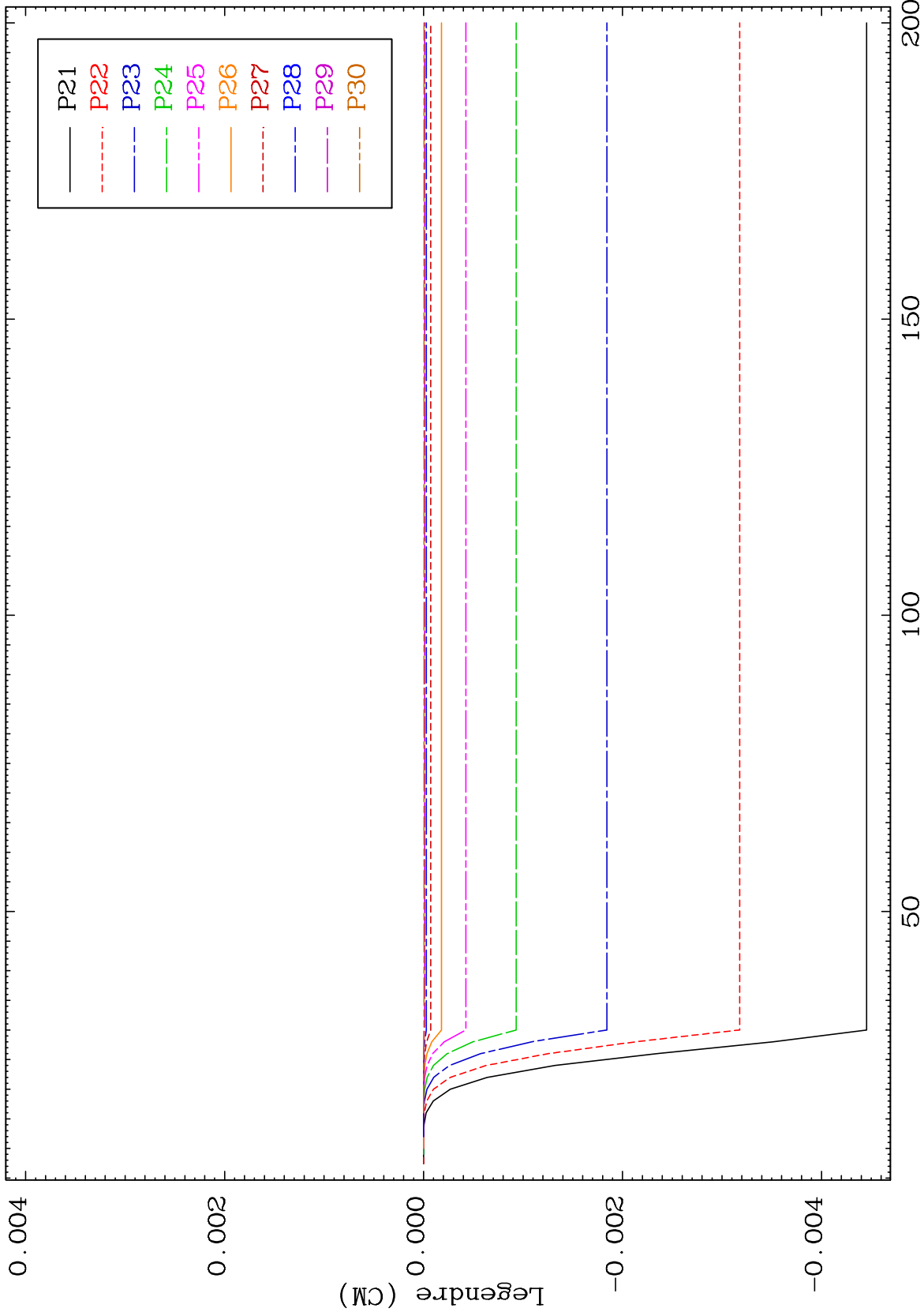


32

Incident Energy (MeV)

74-W -188

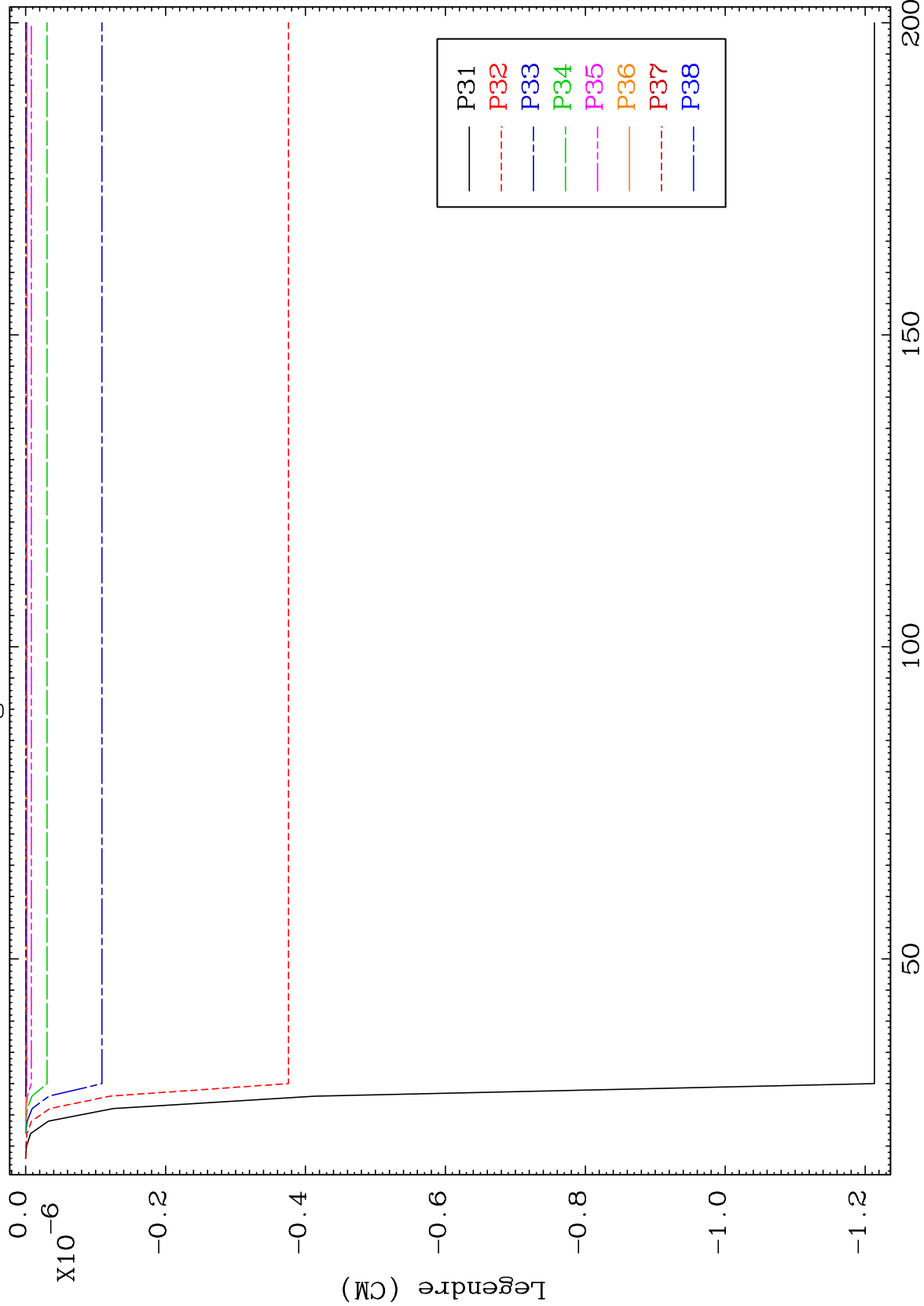




MAT 7449

MT= 54 (n,n') Level
Legendre Coefficients

74-W -188



74-W -188

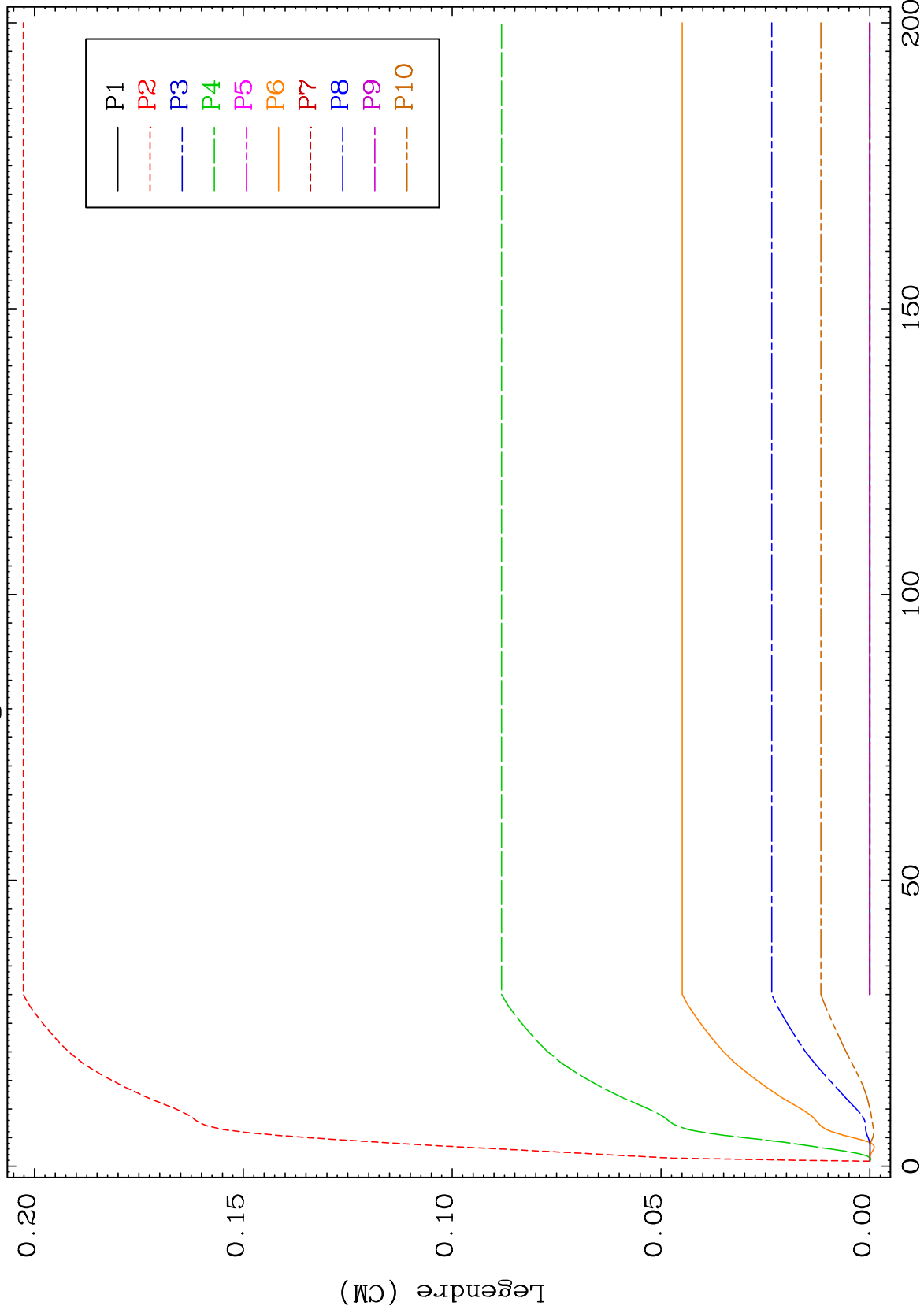
Incident Energy (MeV)

35

MAT 7449

MT= 55 (n,n') Level
Legendre Coefficients

74-W -188



36

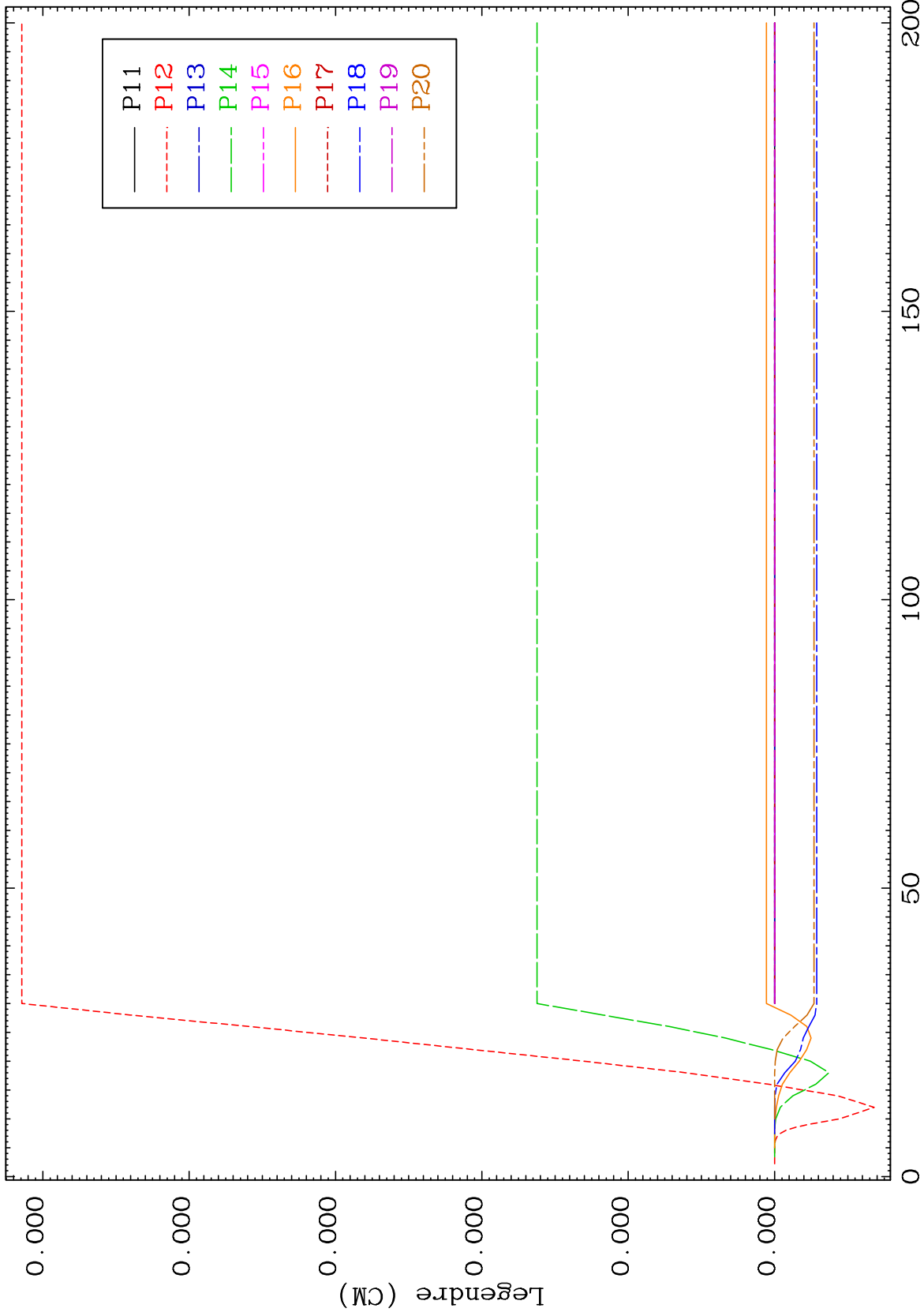
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 55 (n,n') Level
Legendre Coefficients

74-W -188



37

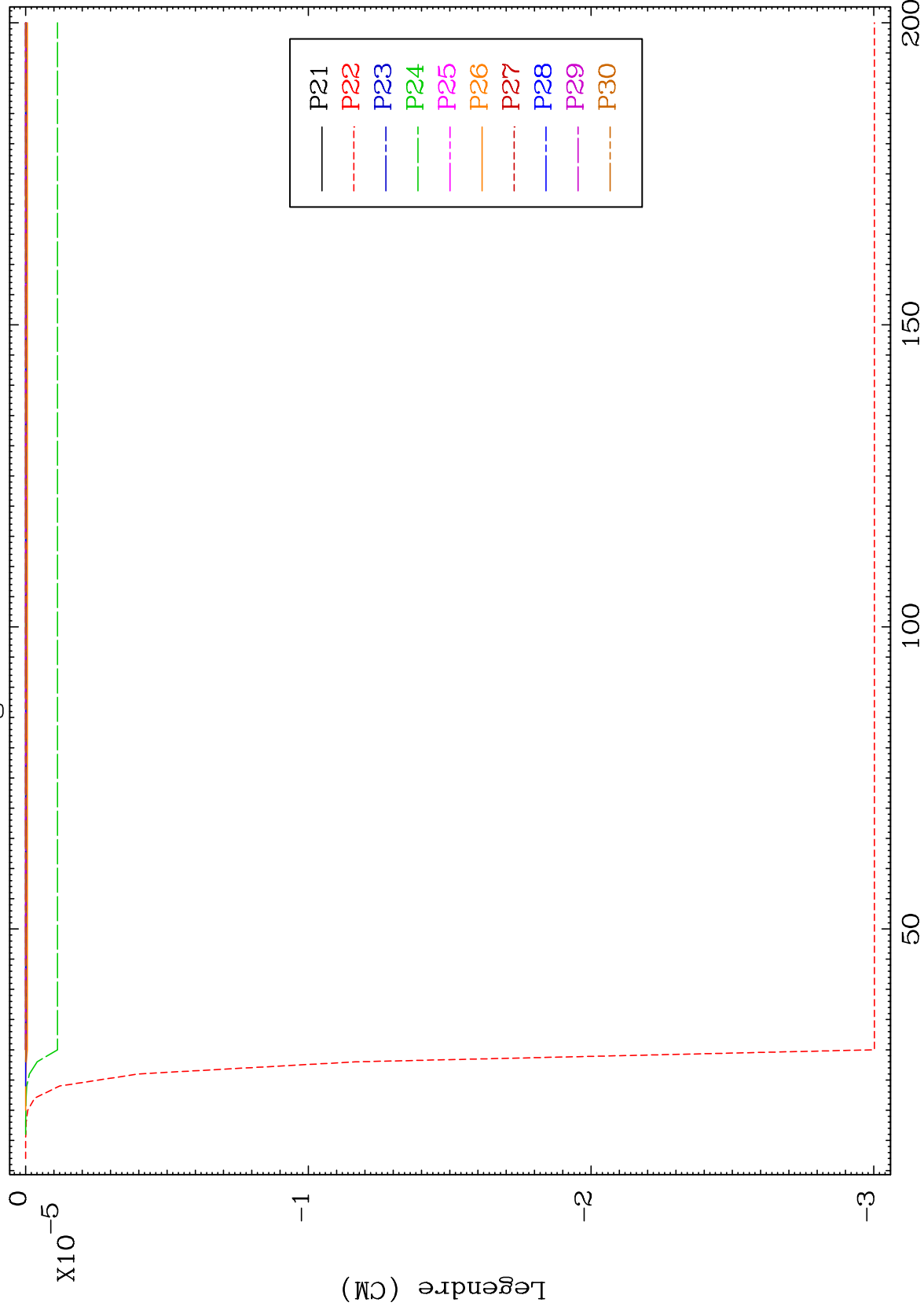
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 55 (n,n') Level
Legendre Coefficients

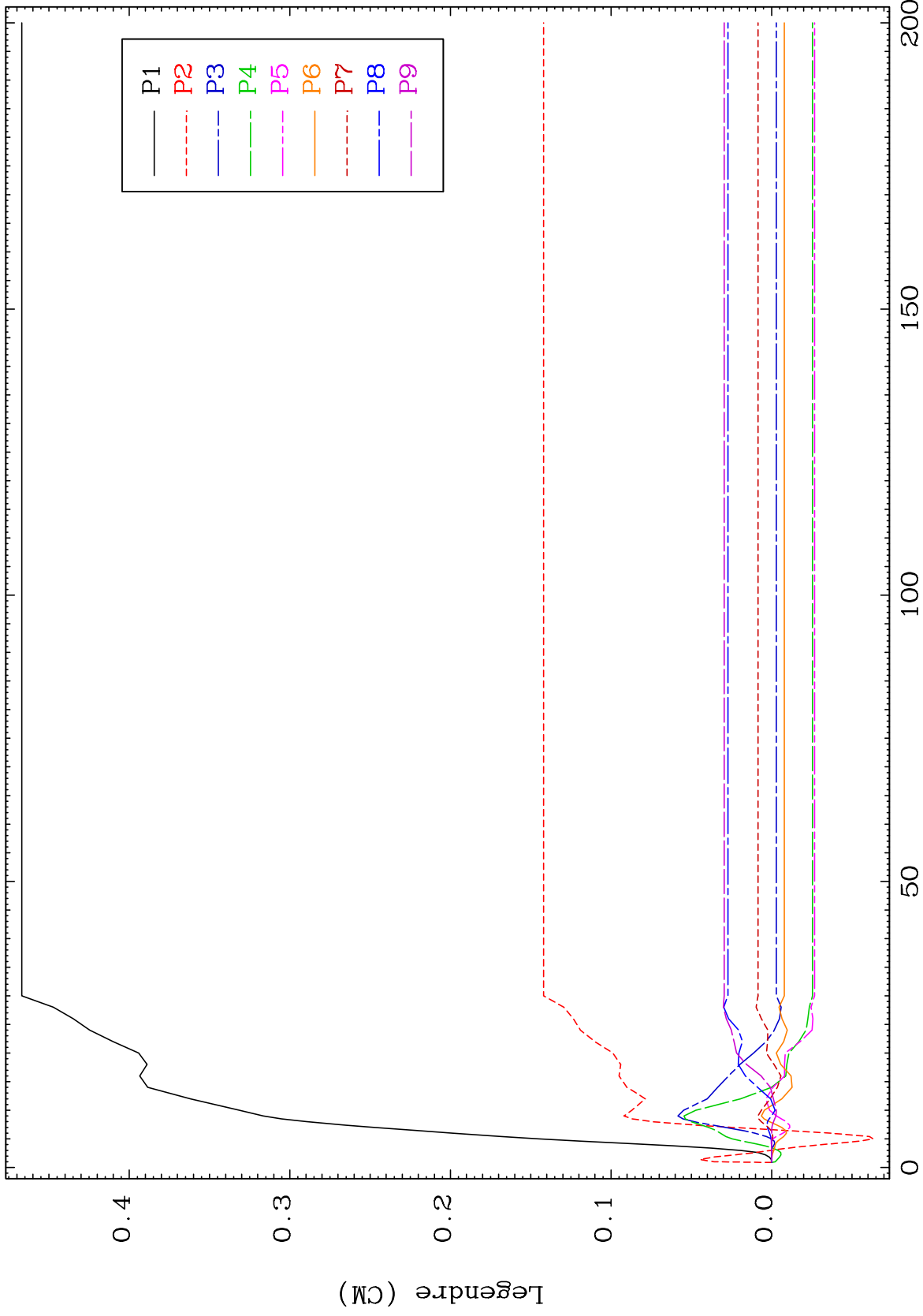
74-W -188



38

Incident Energy (MeV)

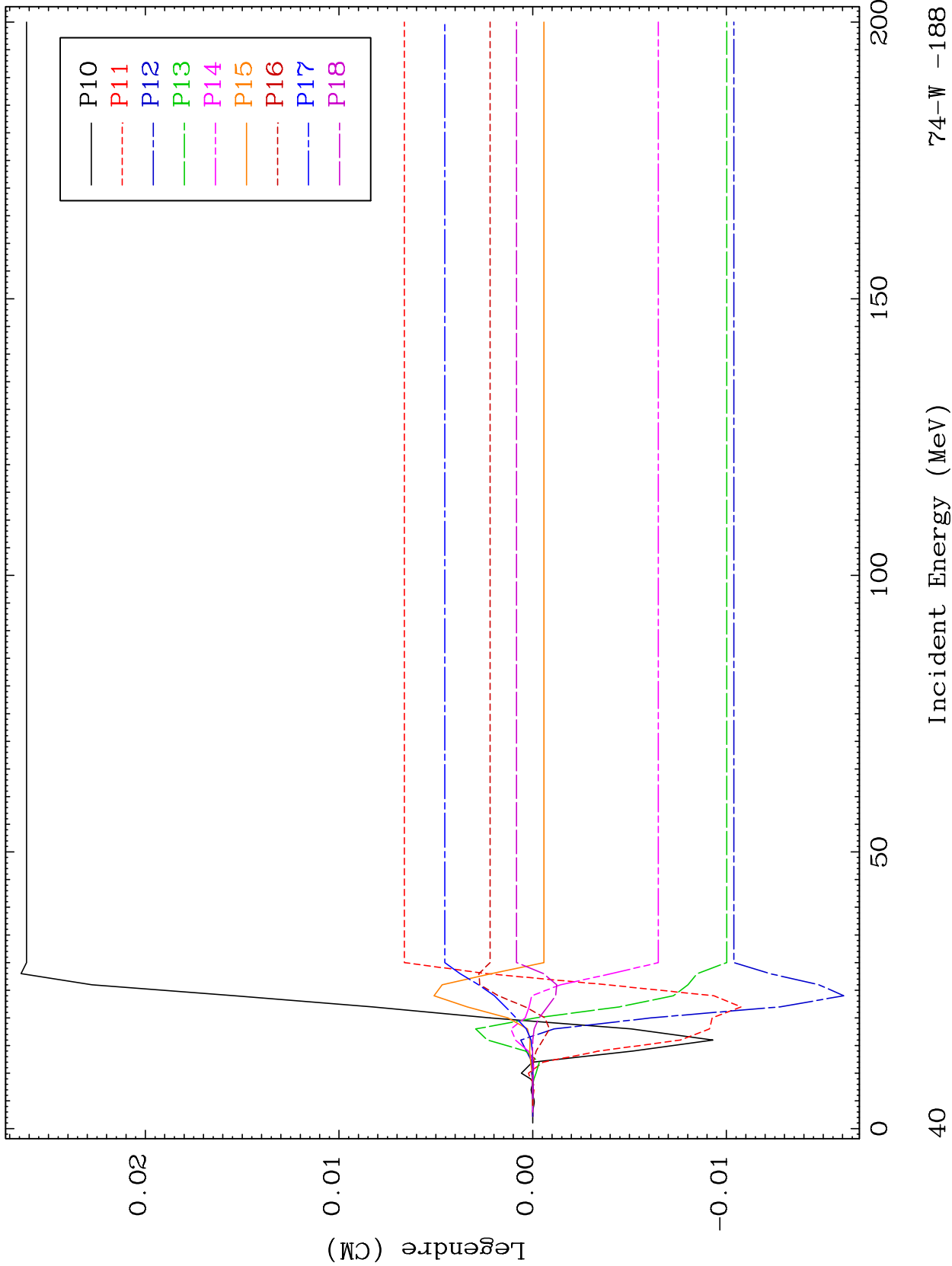
74-W -188



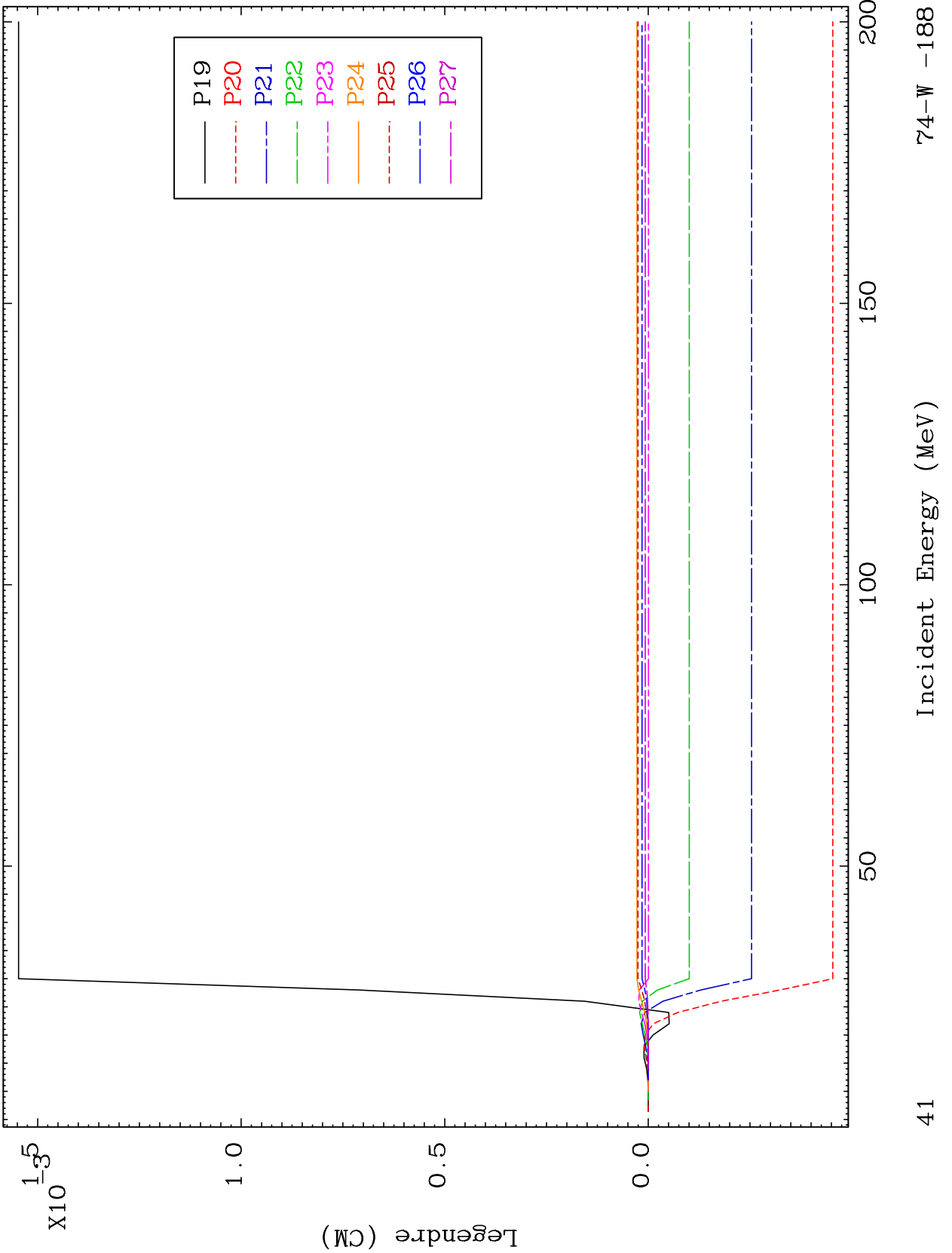
MAT 7449

MT= 56 (n,n') Level
Legendre Coefficients

74-W -188



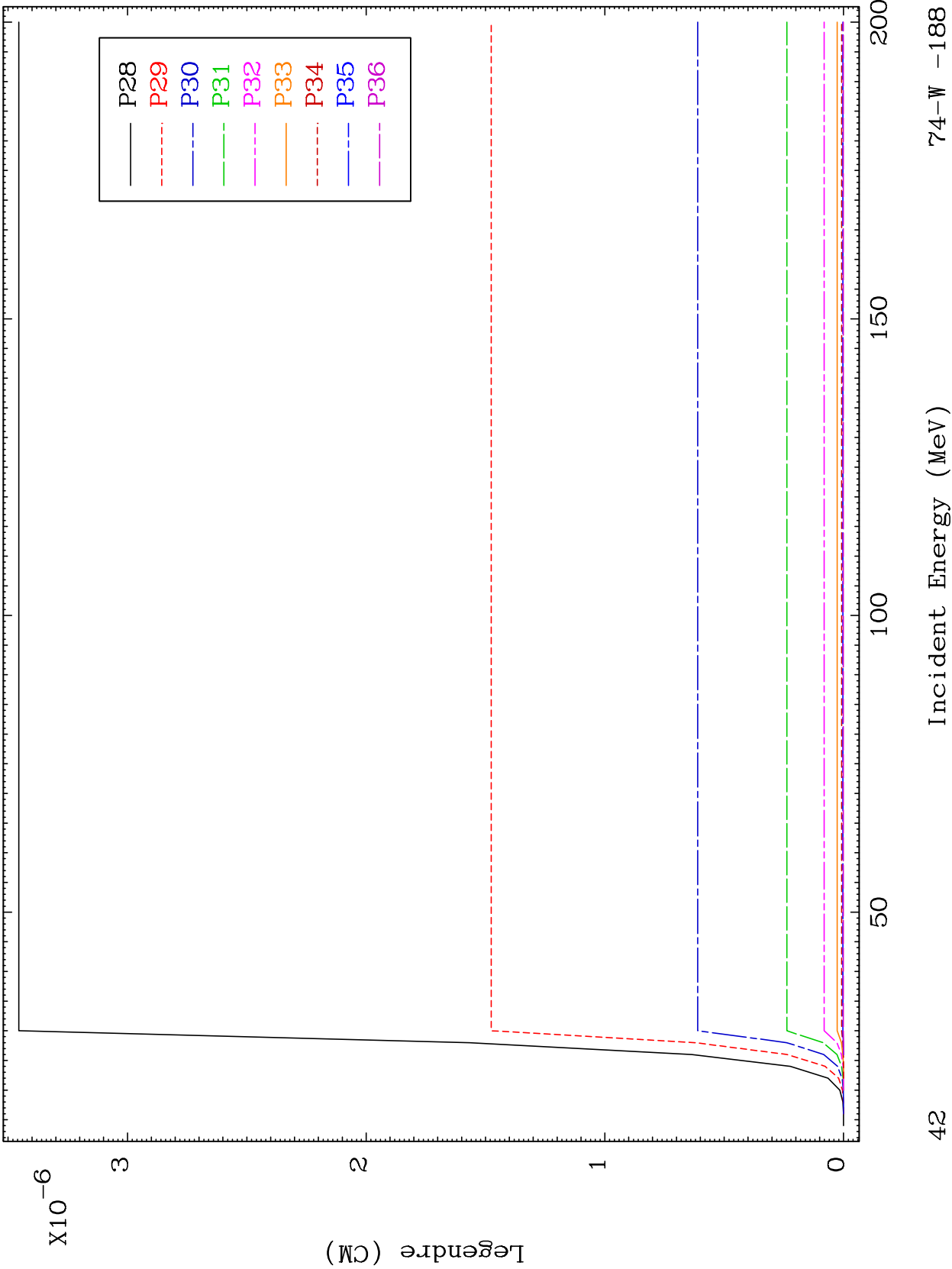
74-W -188



MAT 7449

MT= 56 (n,n') Level
Legendre Coefficients

74-W -188



42

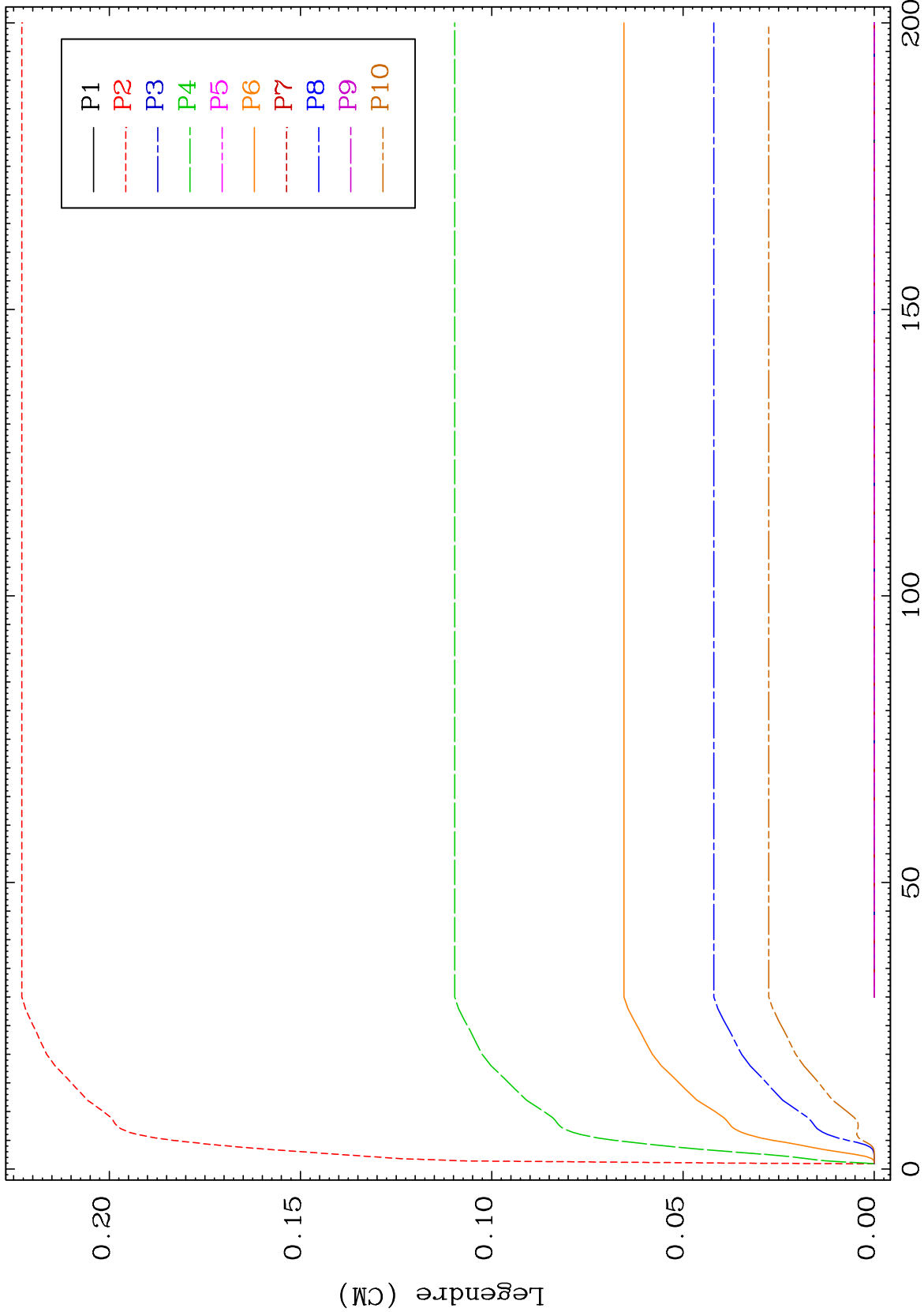
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 57 (n,n') Level
Legendre Coefficients

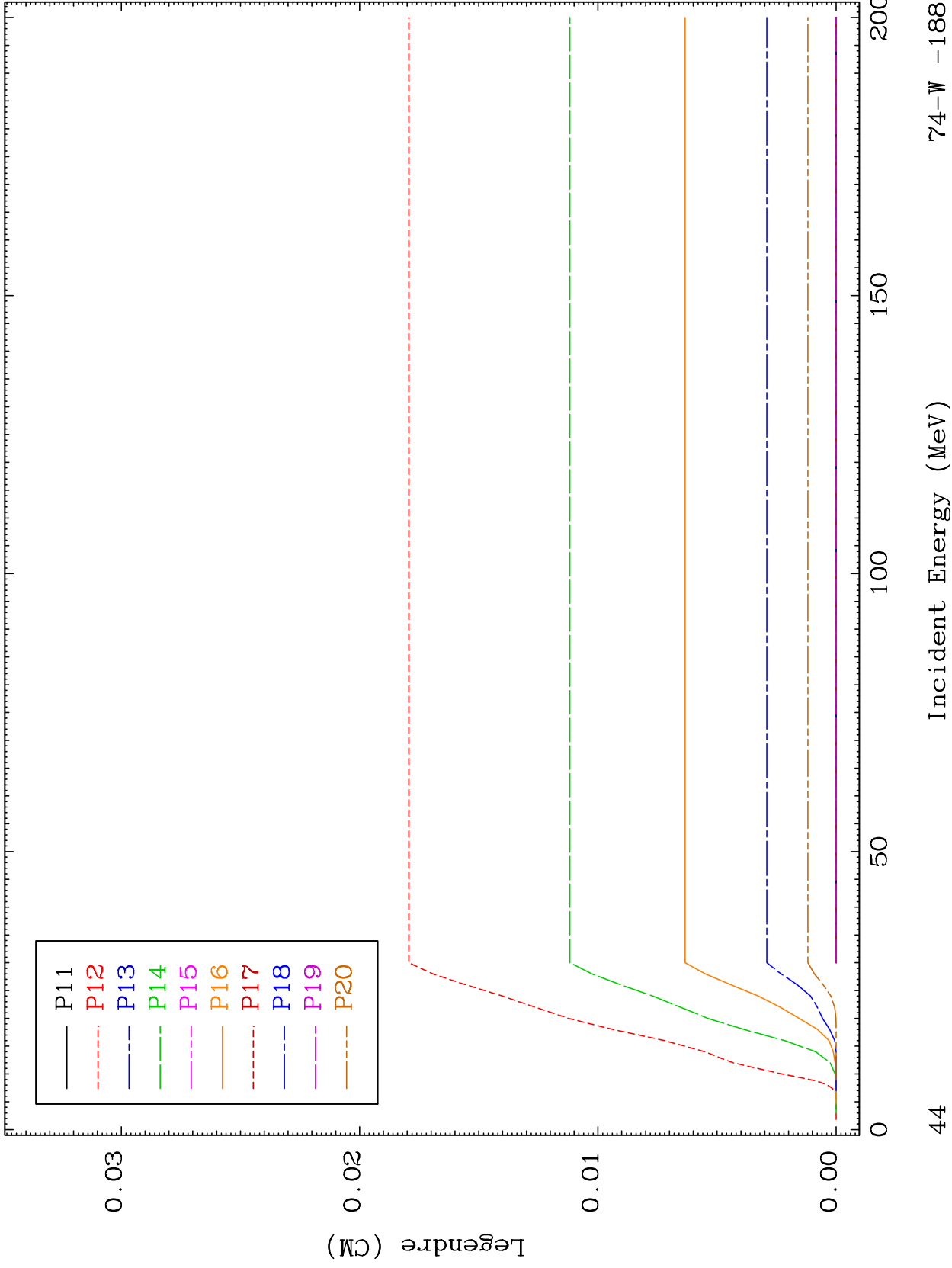
74-W -188



43

Incident Energy (MeV)

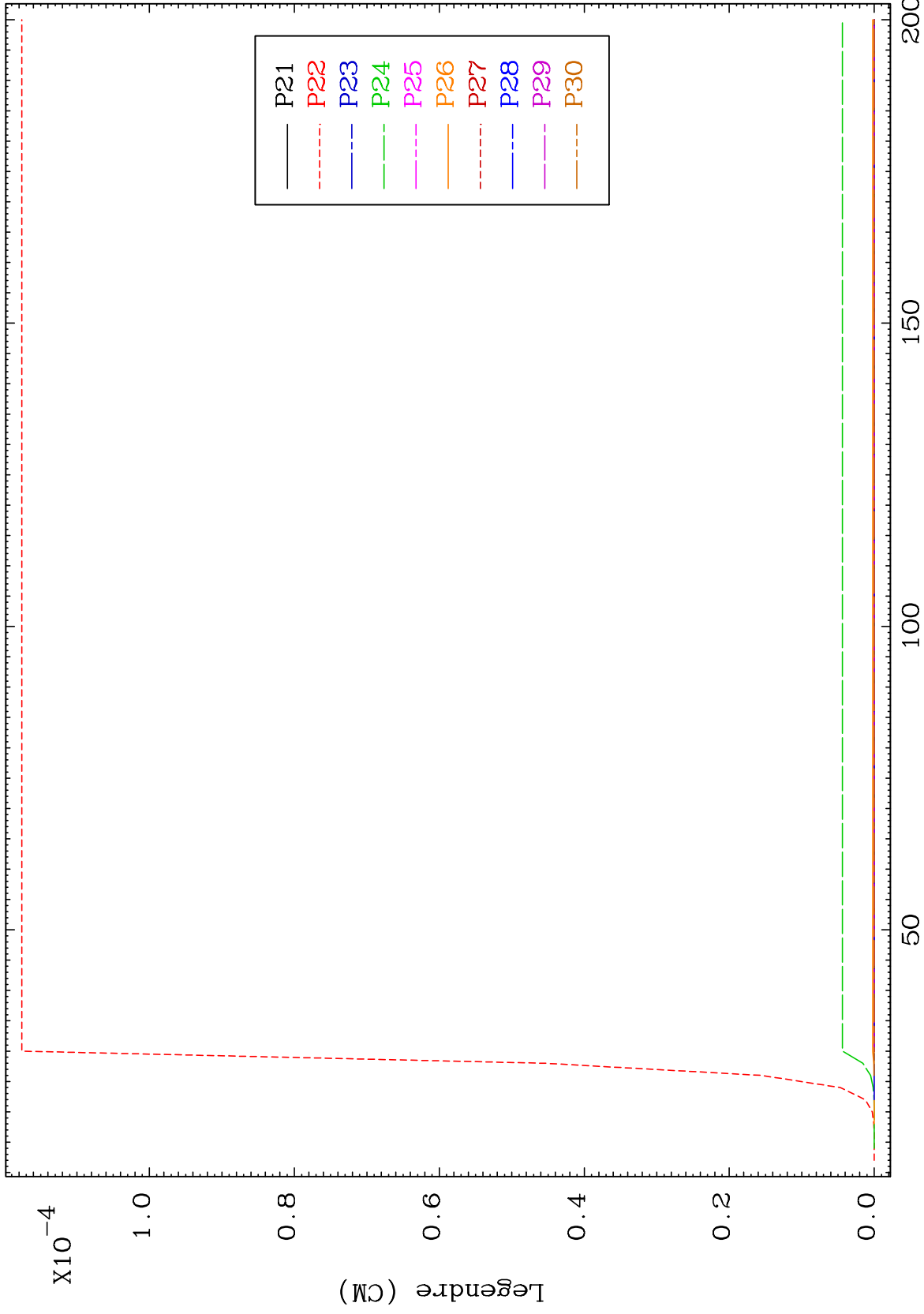
74-W -188



MAT 7449

MT= 57 (n,n') Level
Legendre Coefficients

74-W -188



45

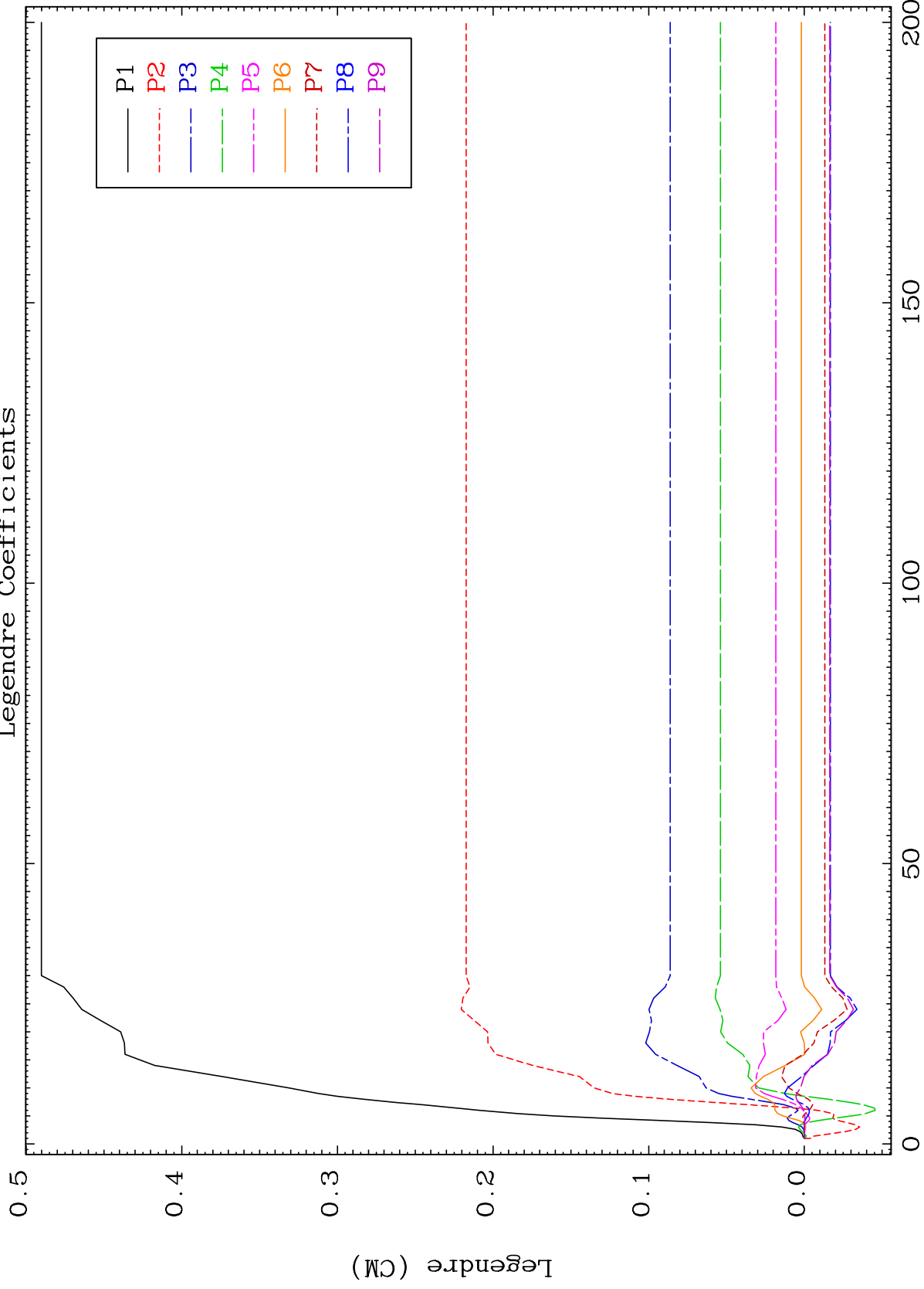
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 58 (n,n') Level
Legendre Coefficients

74-W -188



46

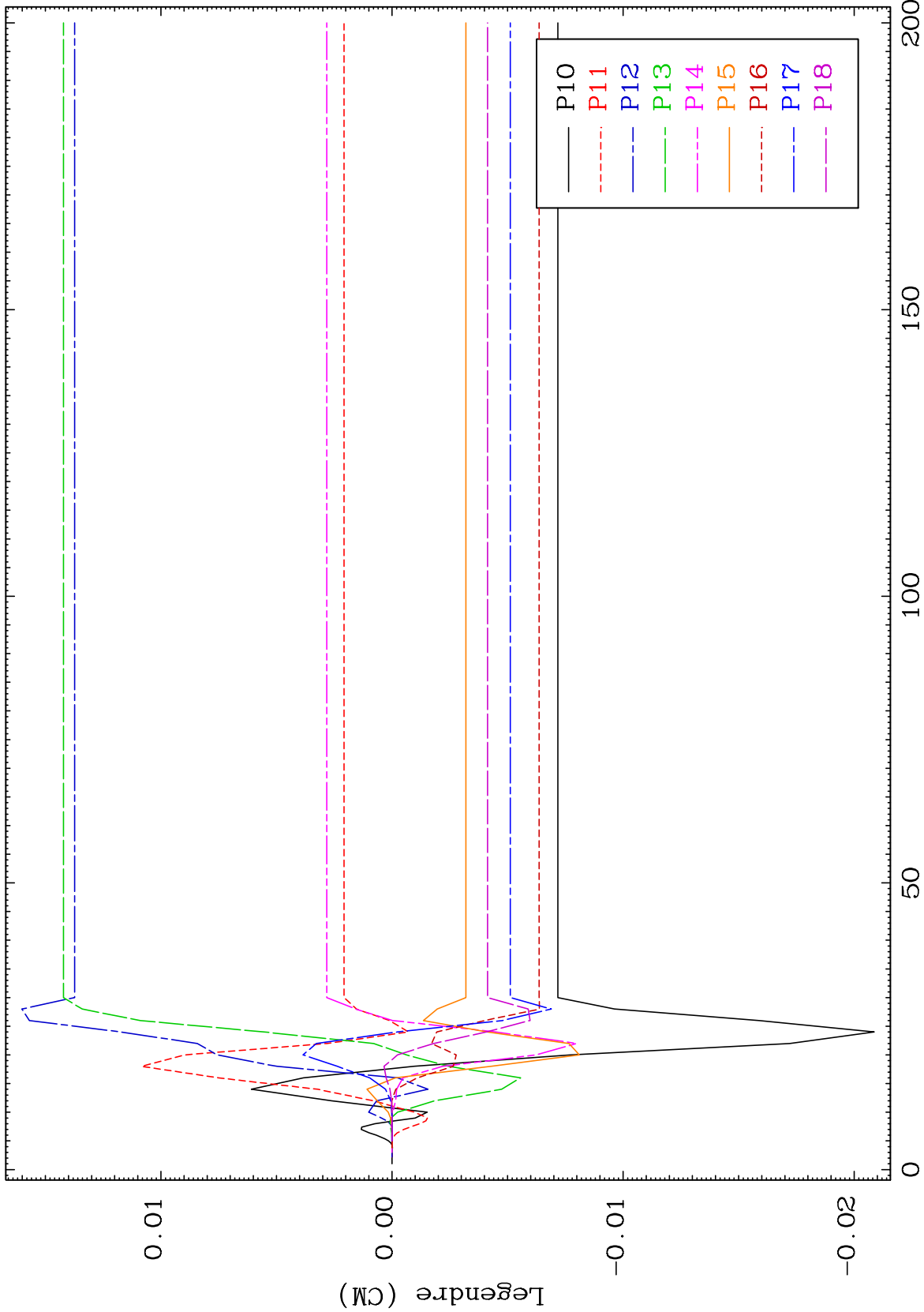
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 58 (n,n') Level
Legendre Coefficients

74-W -188



47

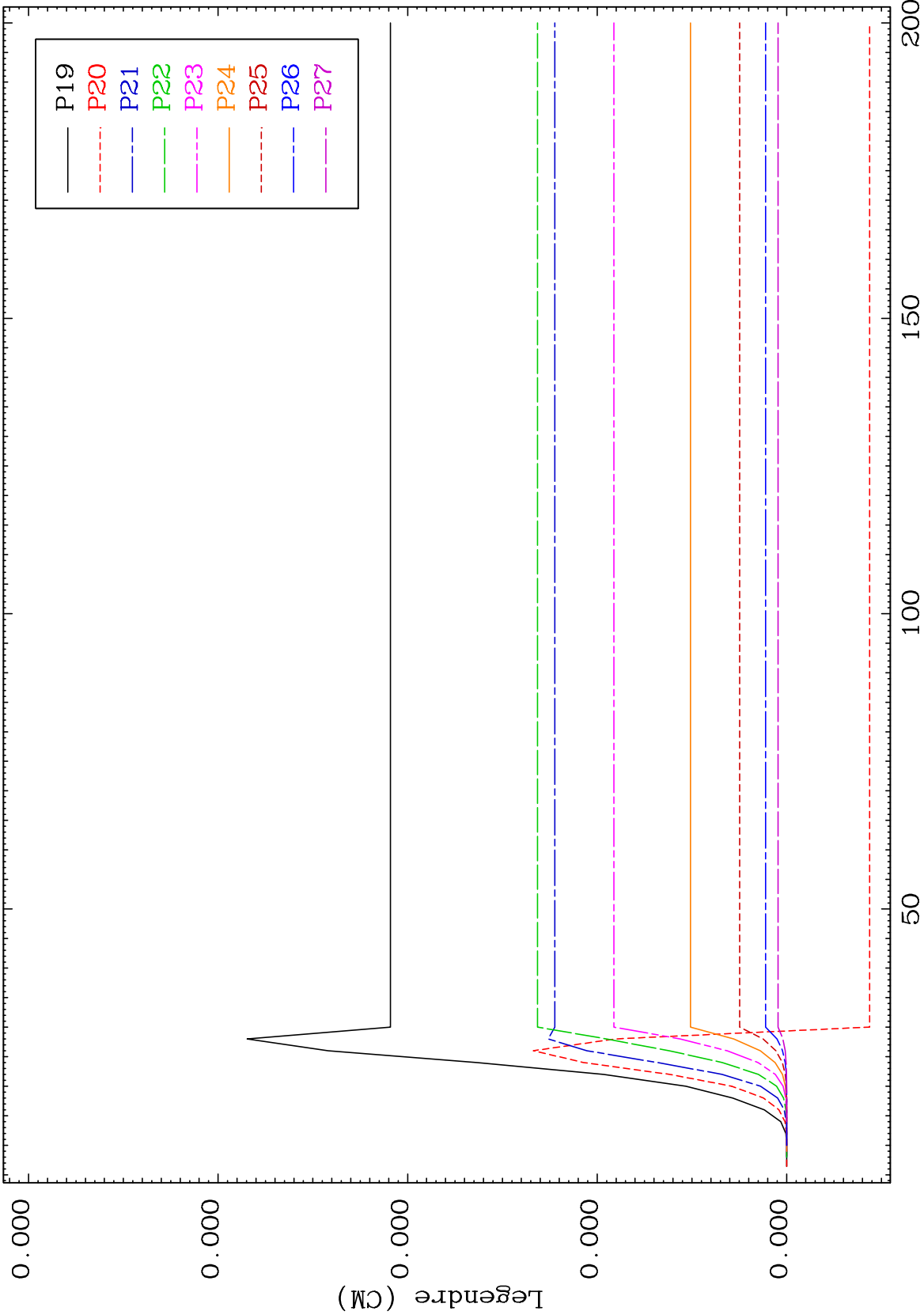
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 58 (n,n') Level
Legendre Coefficients

74-W -188



48

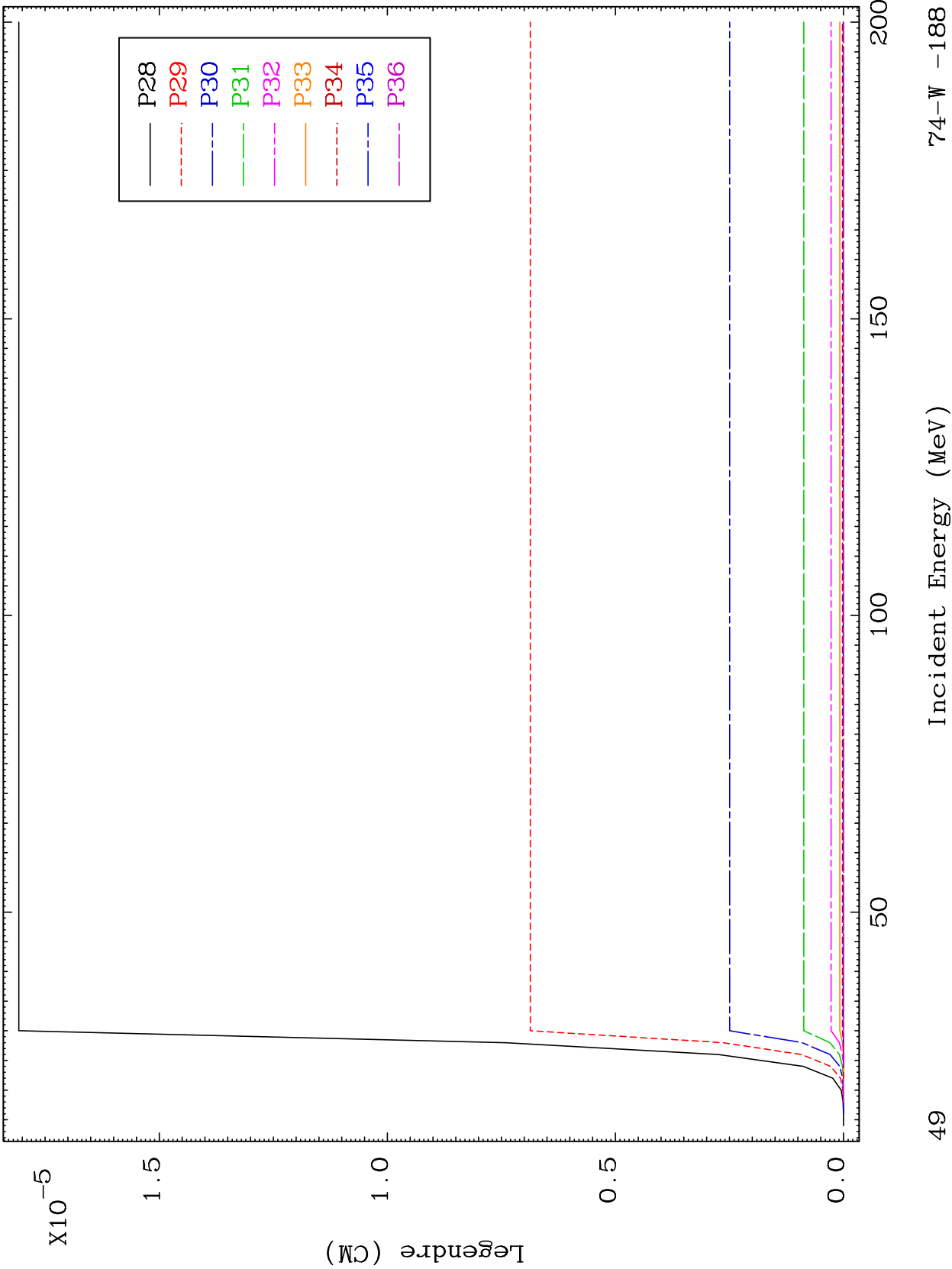
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 58 (n,n') Level
Legendre Coefficients

74-W -188



49

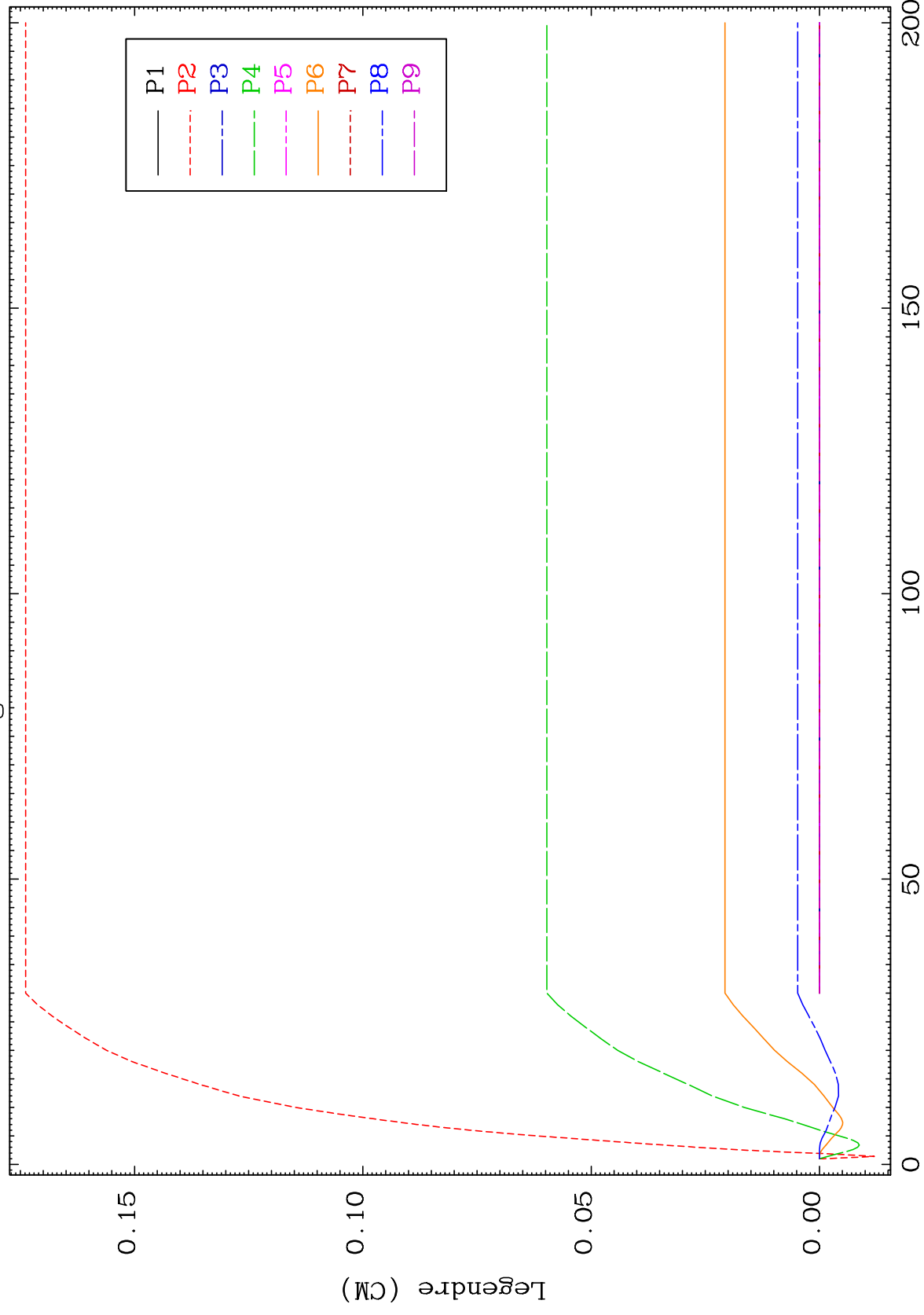
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 59 (n,n') Level
Legendre Coefficients

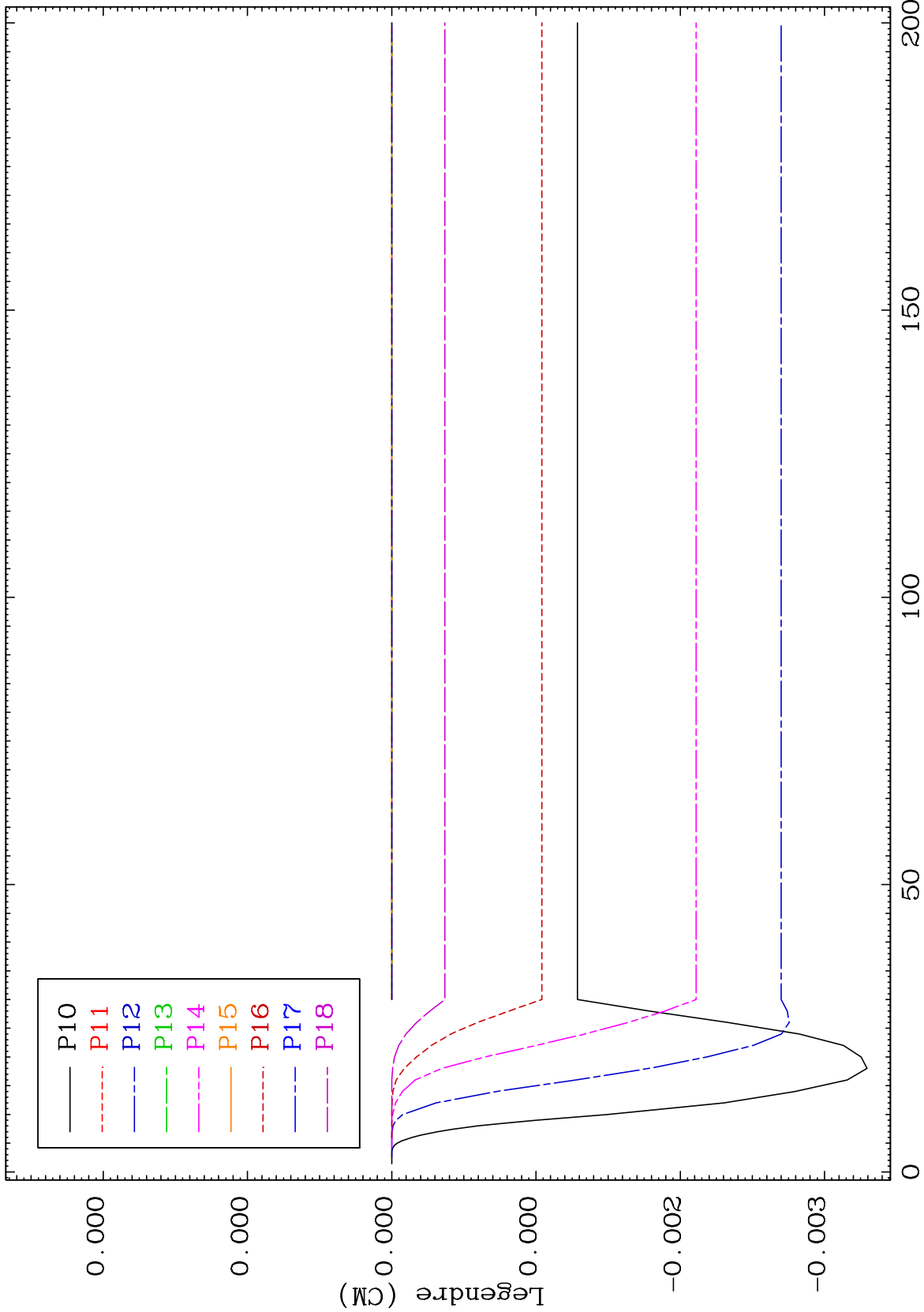
74-W -188



74-W -188

Incident Energy (MeV)

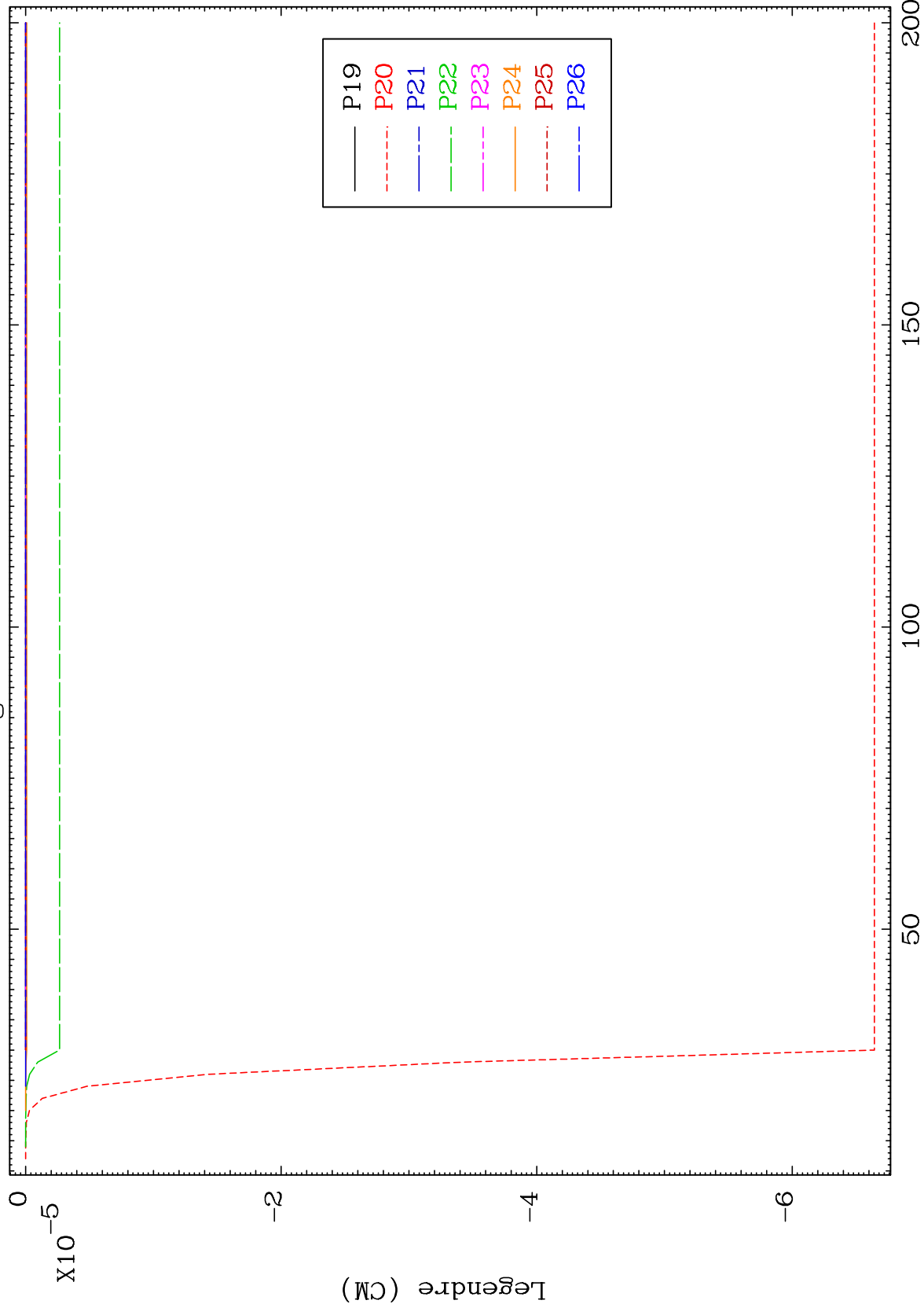
50



MAT 7449

MT= 59 (n,n') Level
Legendre Coefficients

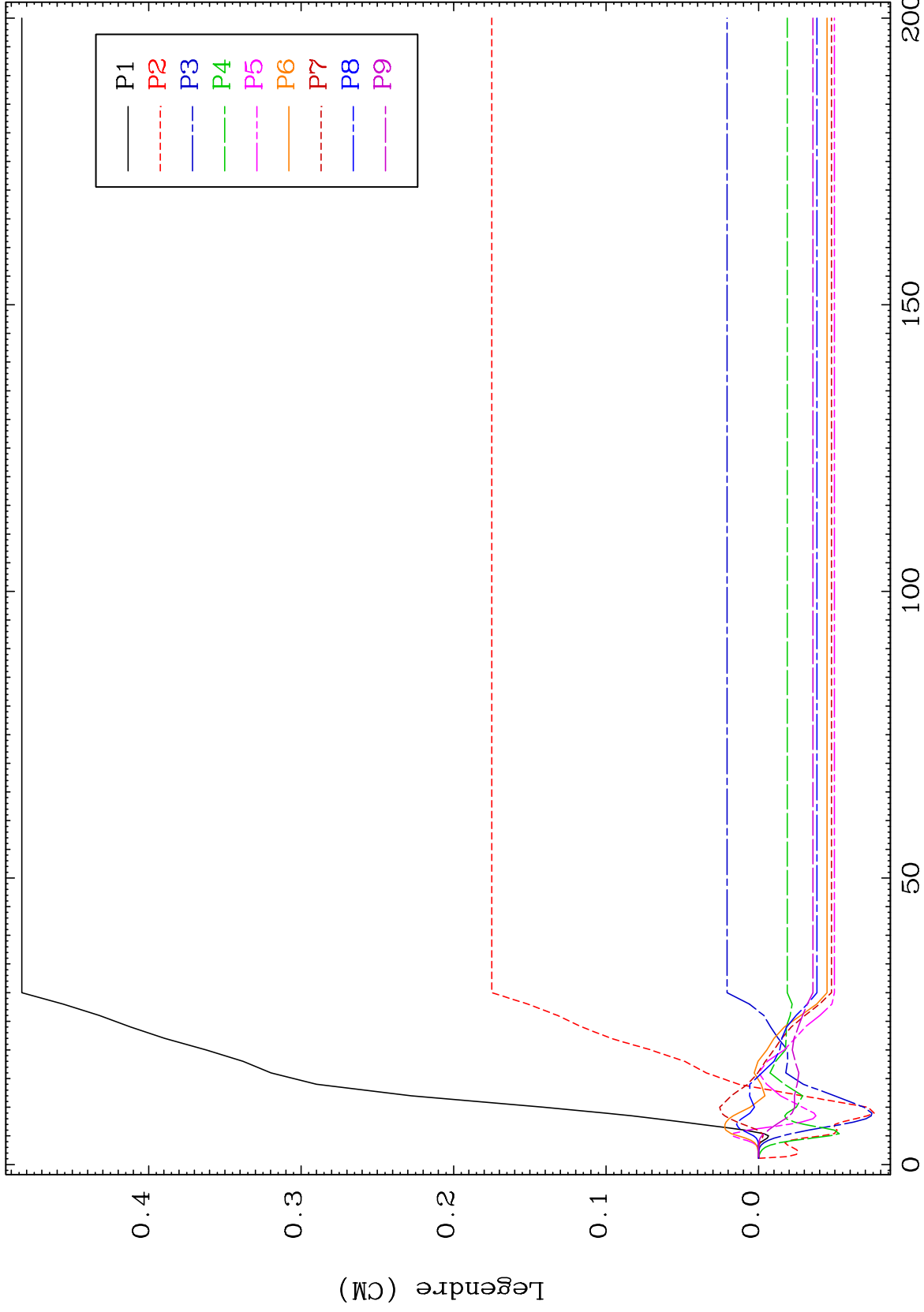
74-W -188

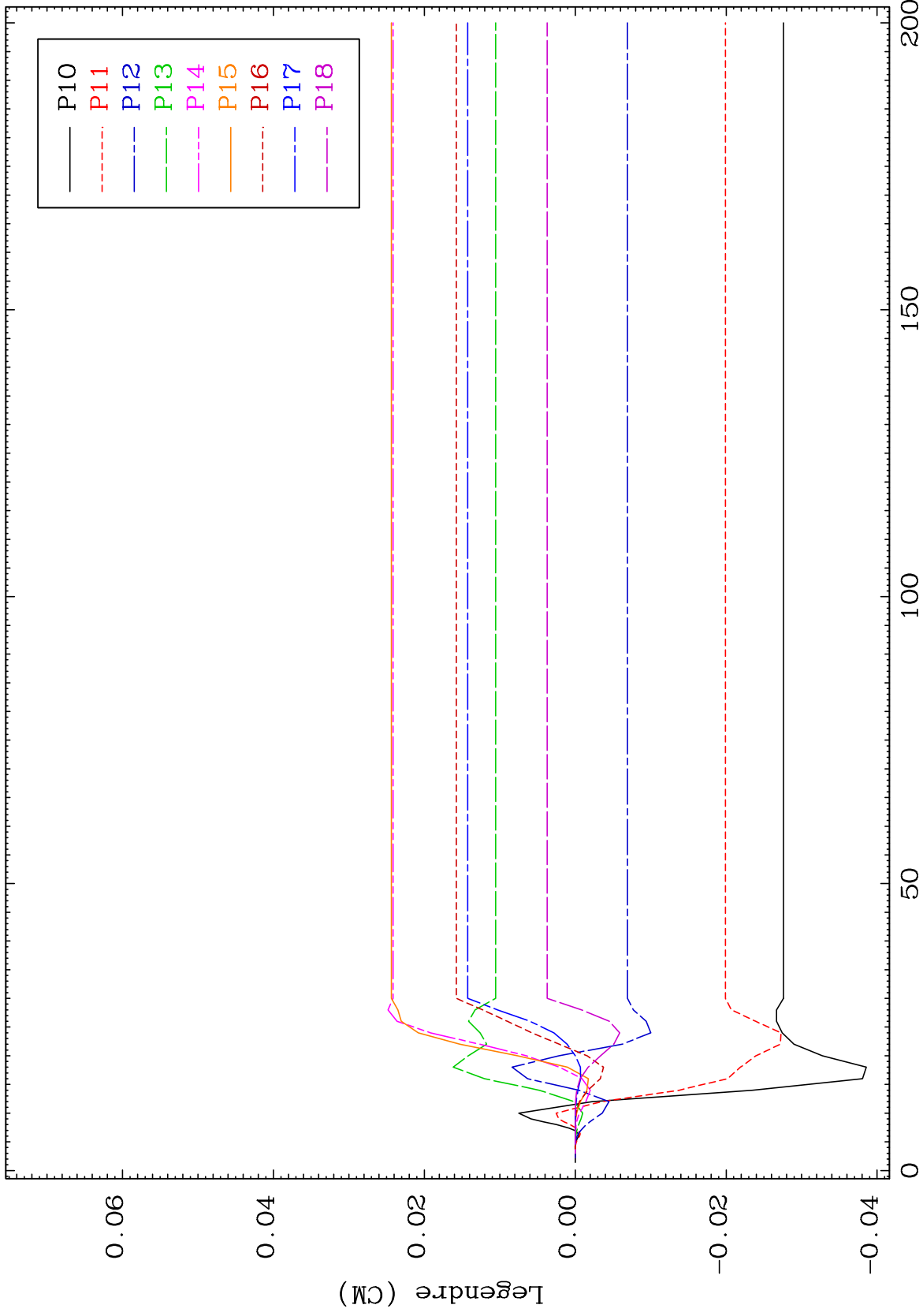


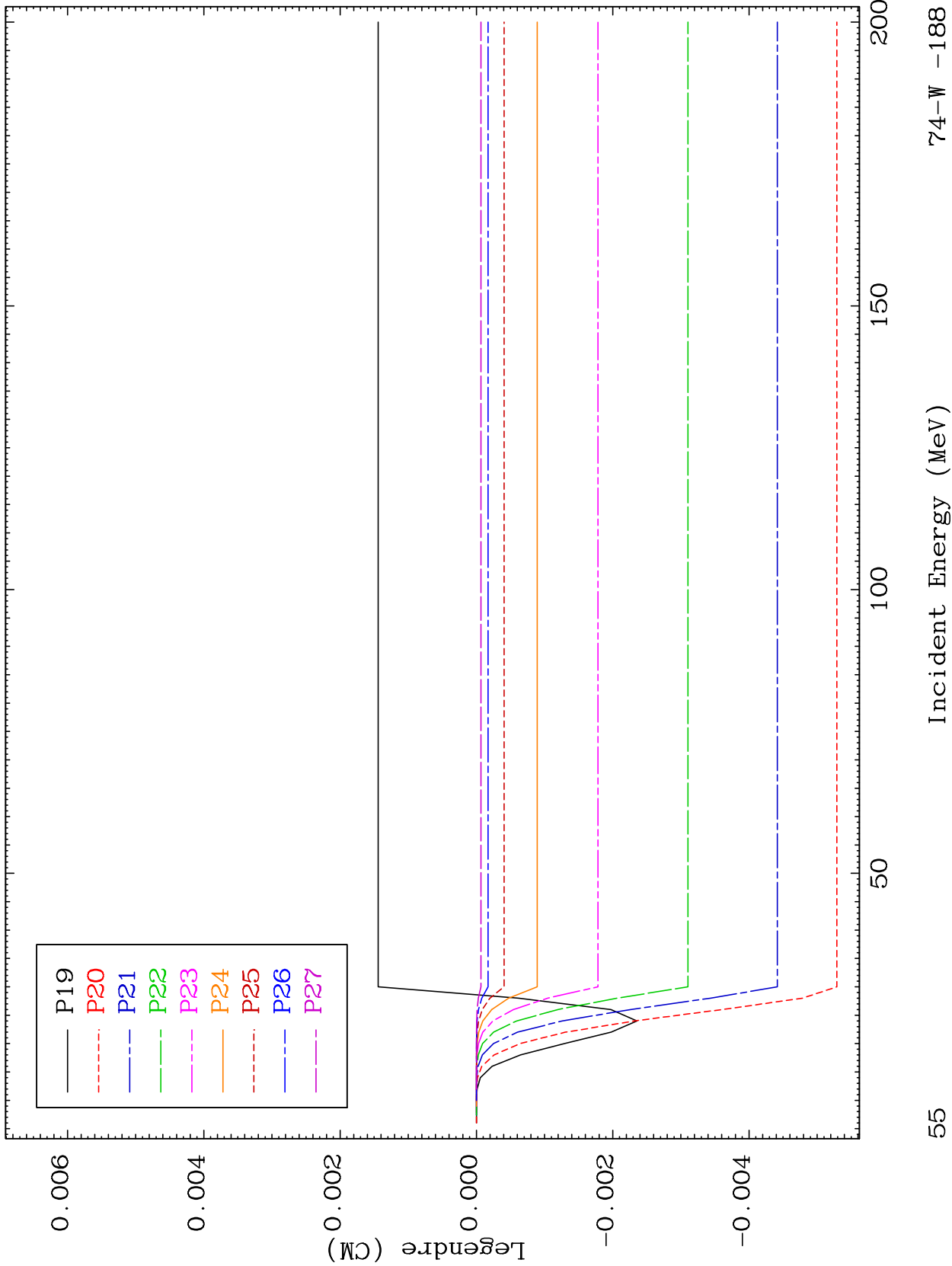
52

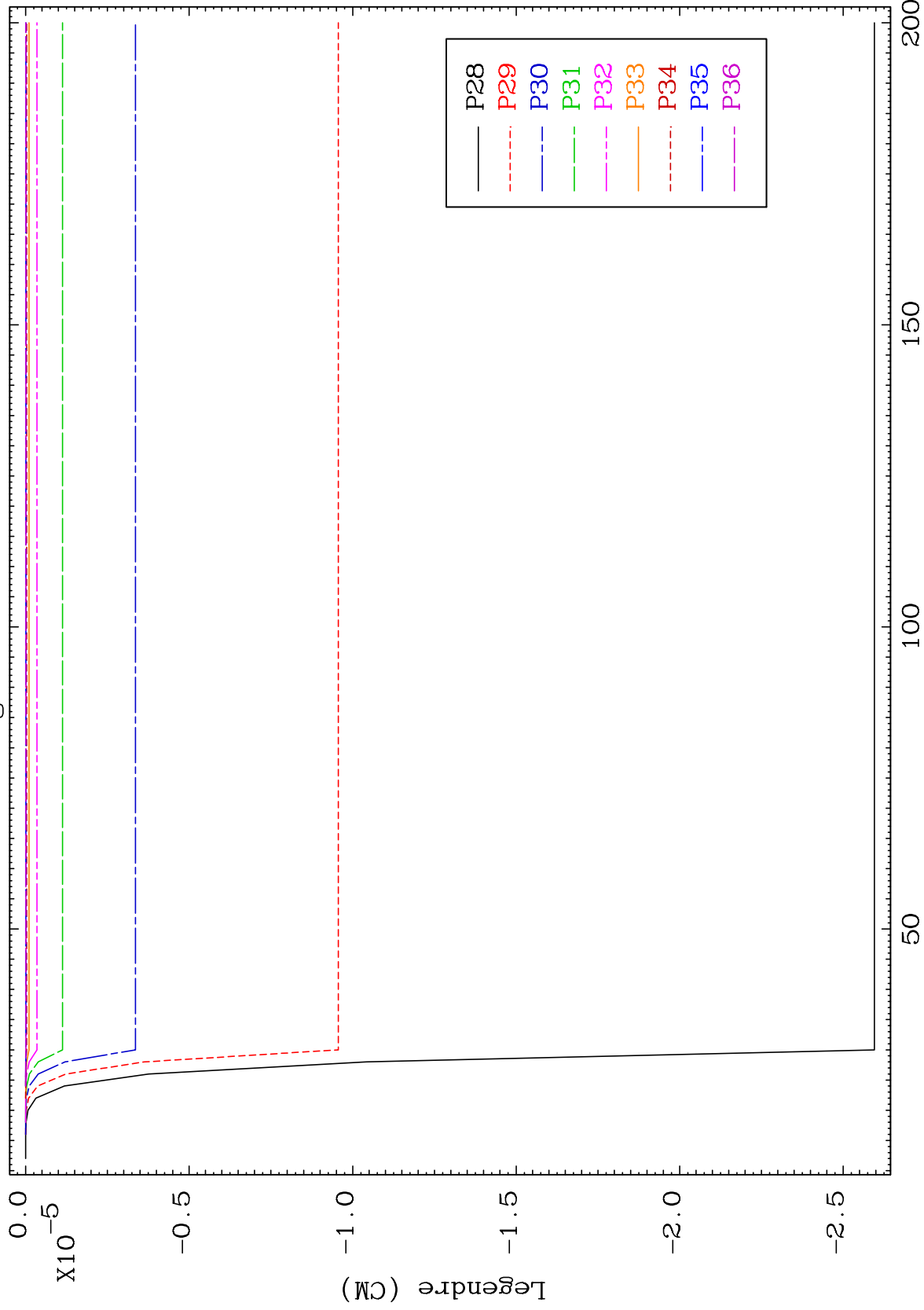
Incident Energy (MeV)

74-W -188





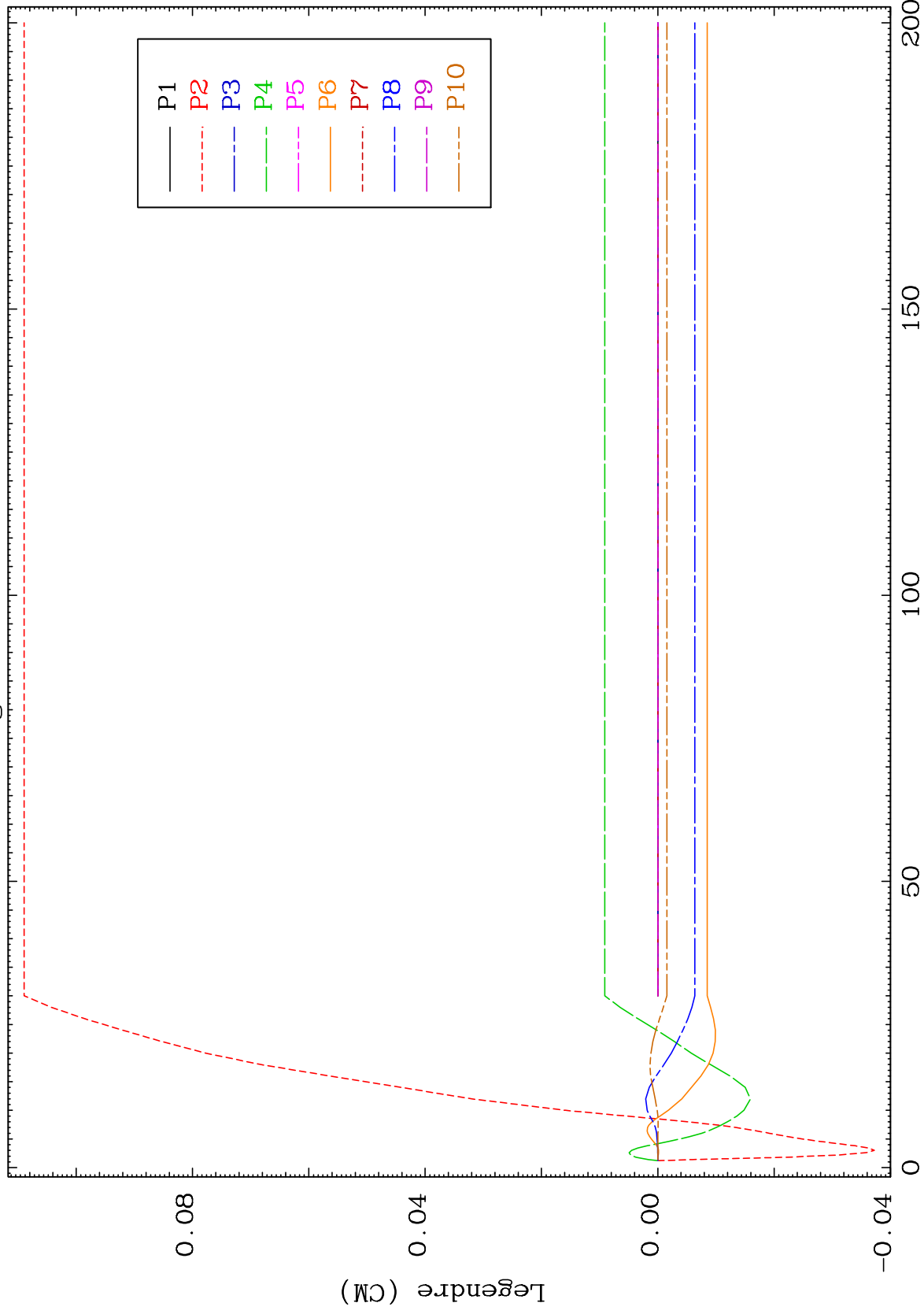




MAT 7449

MT= 61 (n,n') Level
Legendre Coefficients

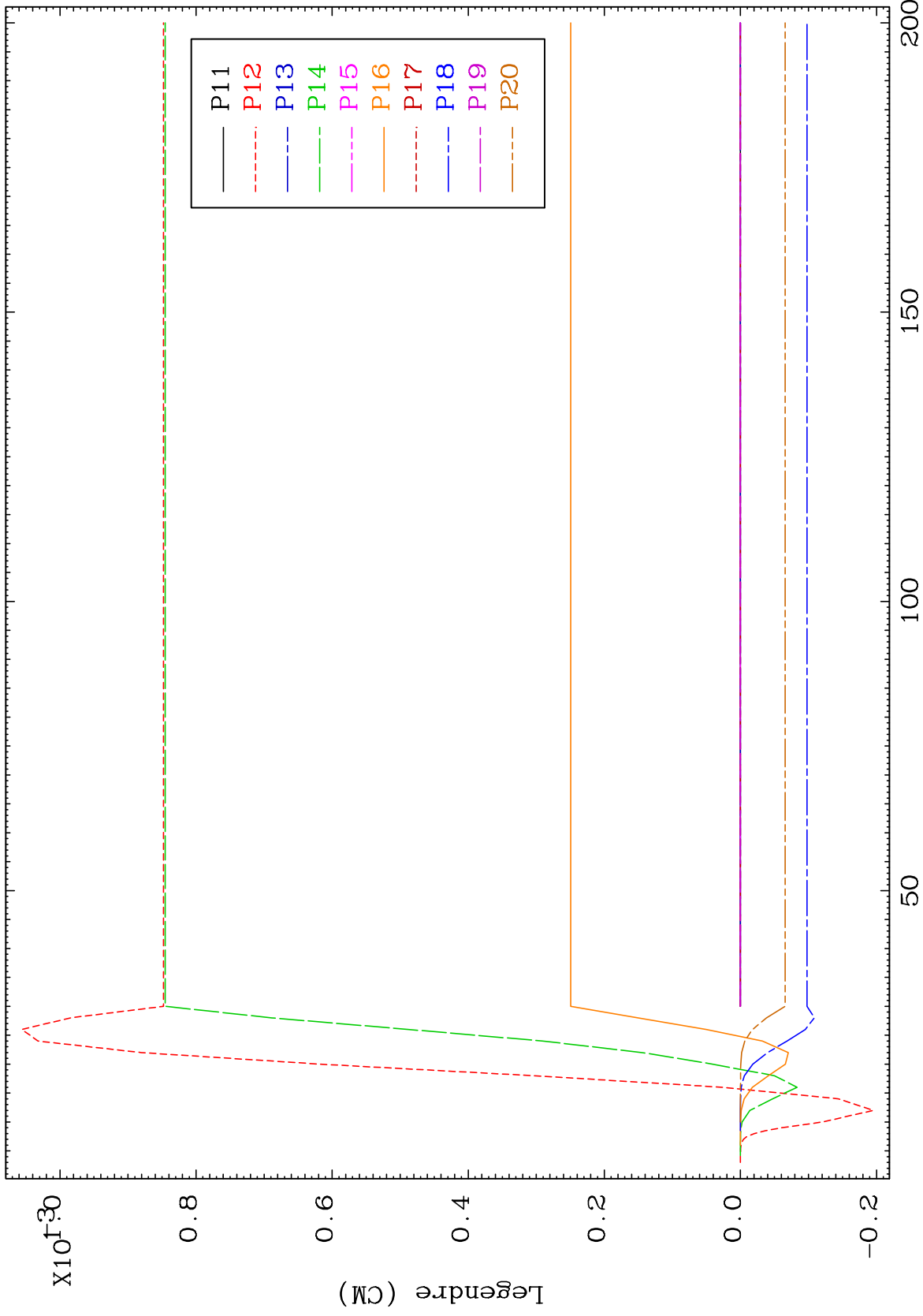
74-W -188



57

Incident Energy (MeV)

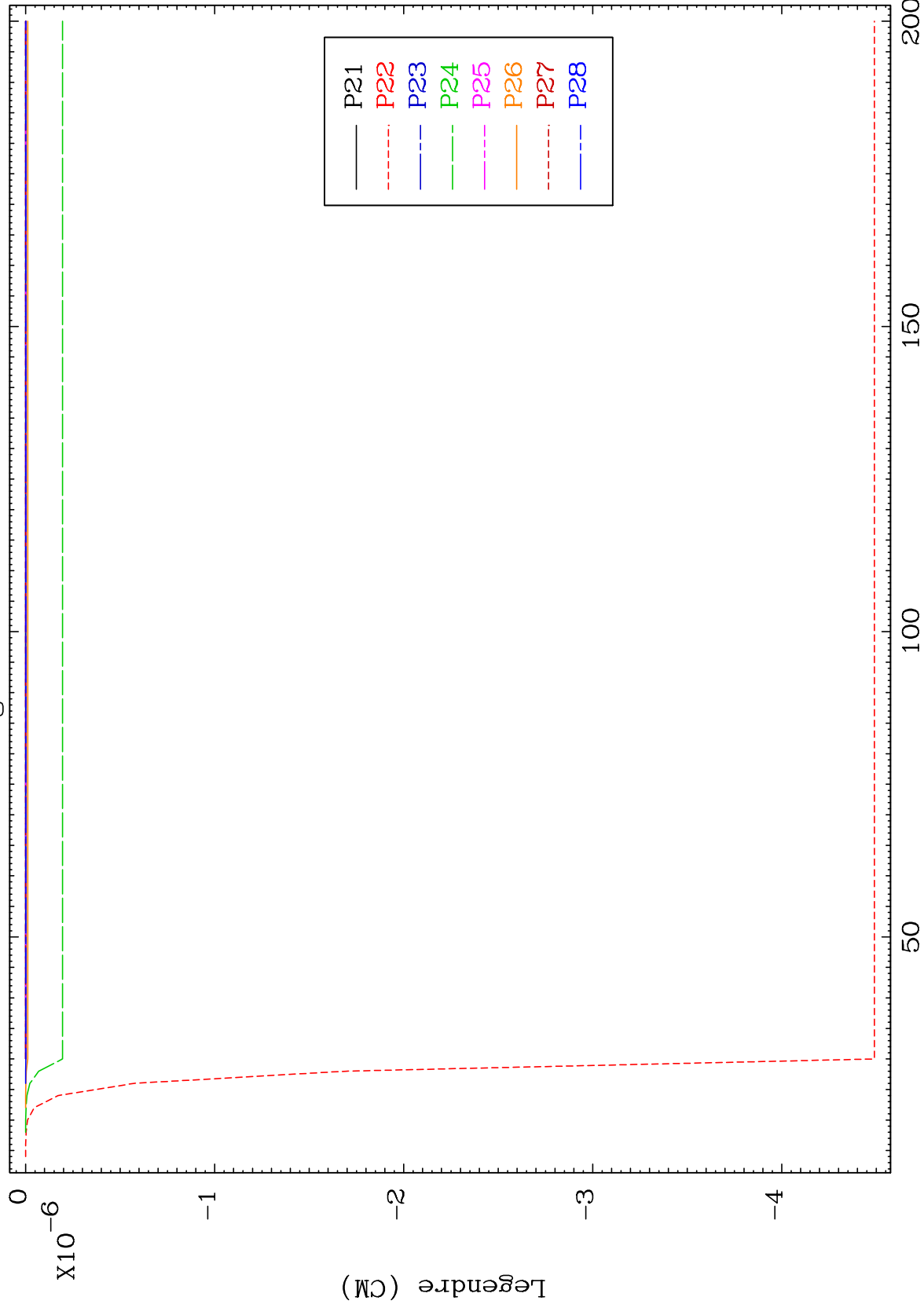
74-W -188



MAT 7449

MT= 61 (n,n') Level
Legendre Coefficients

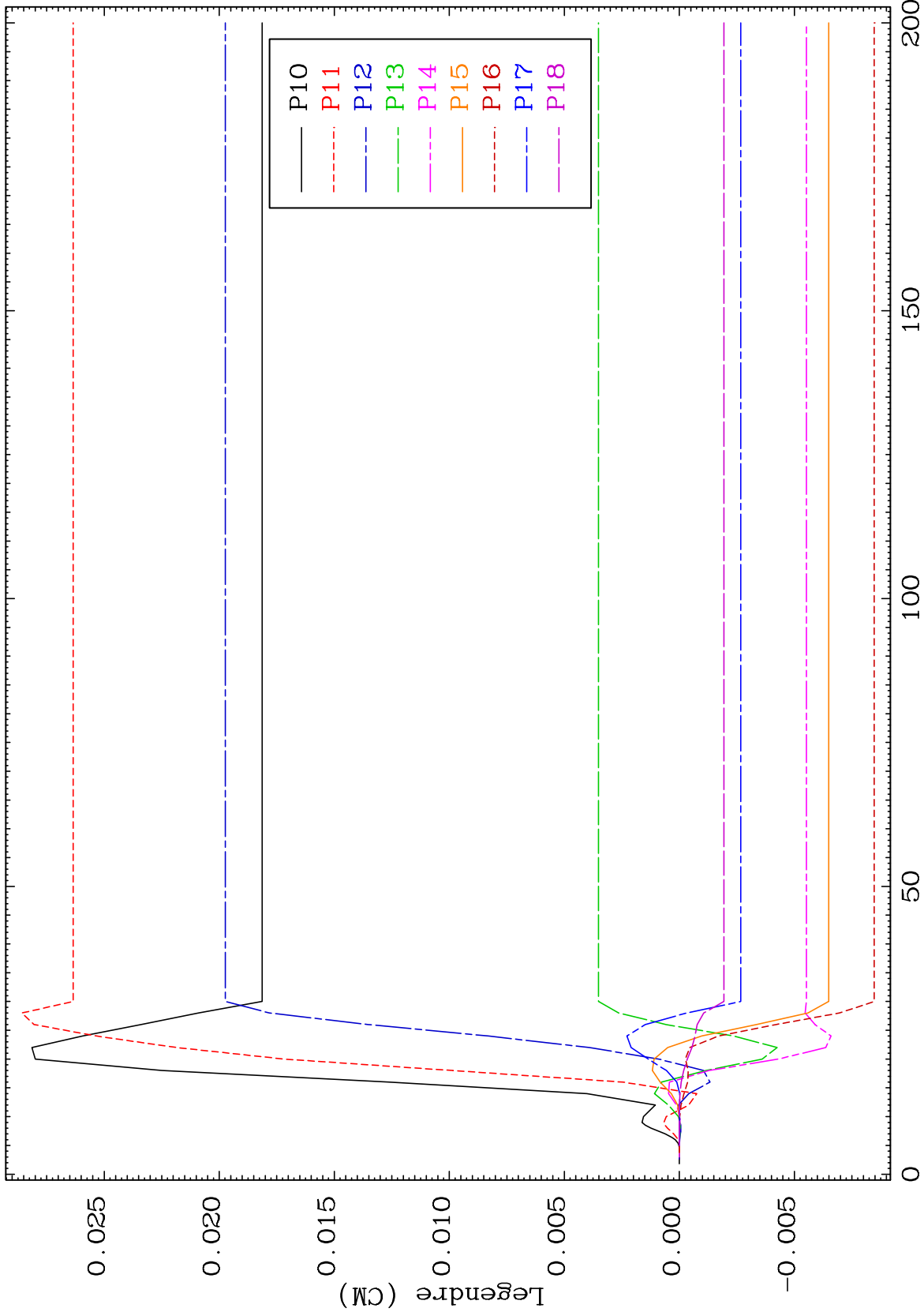
74-W -188

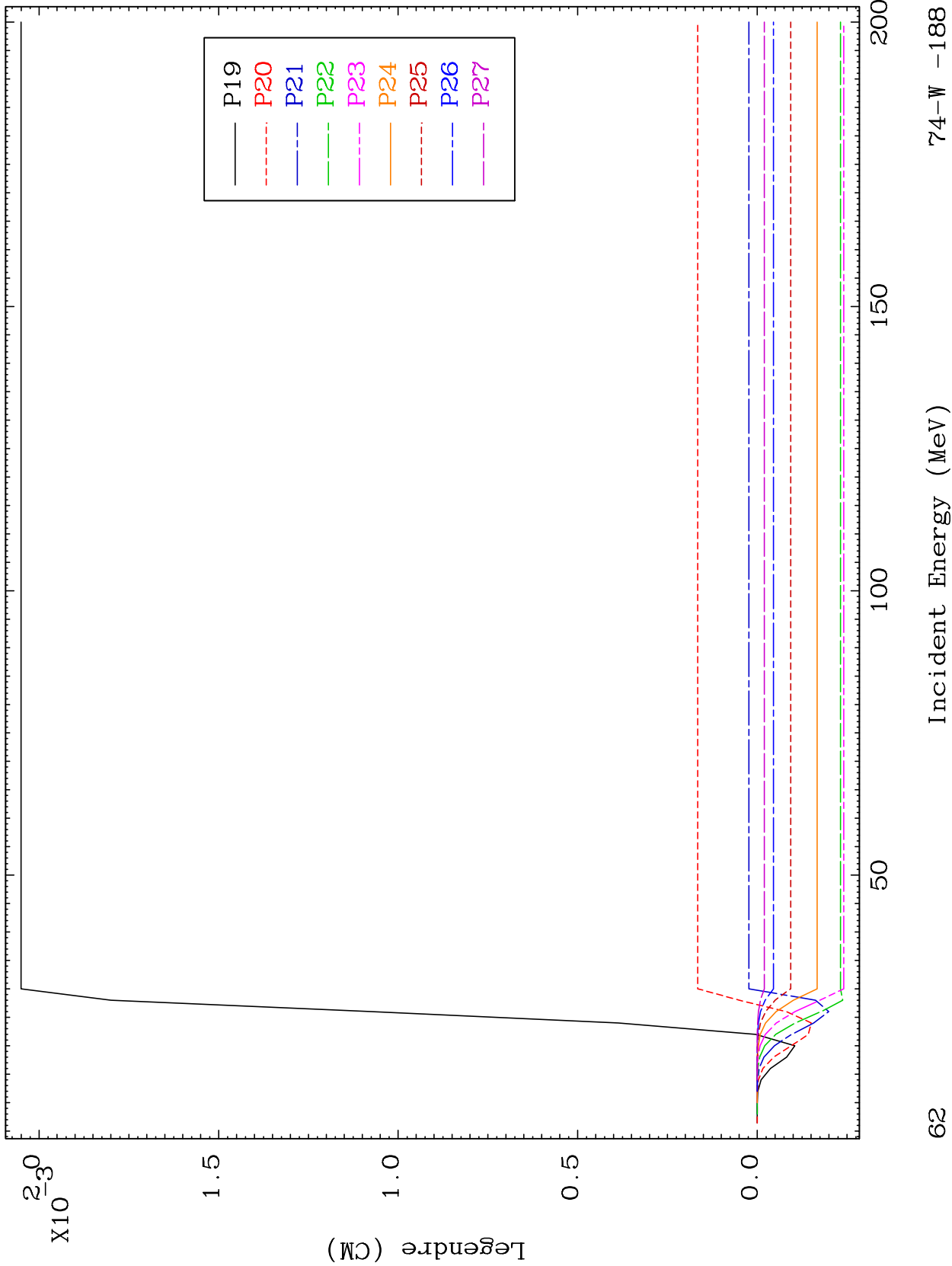


59

Incident Energy (MeV)

74-W -188

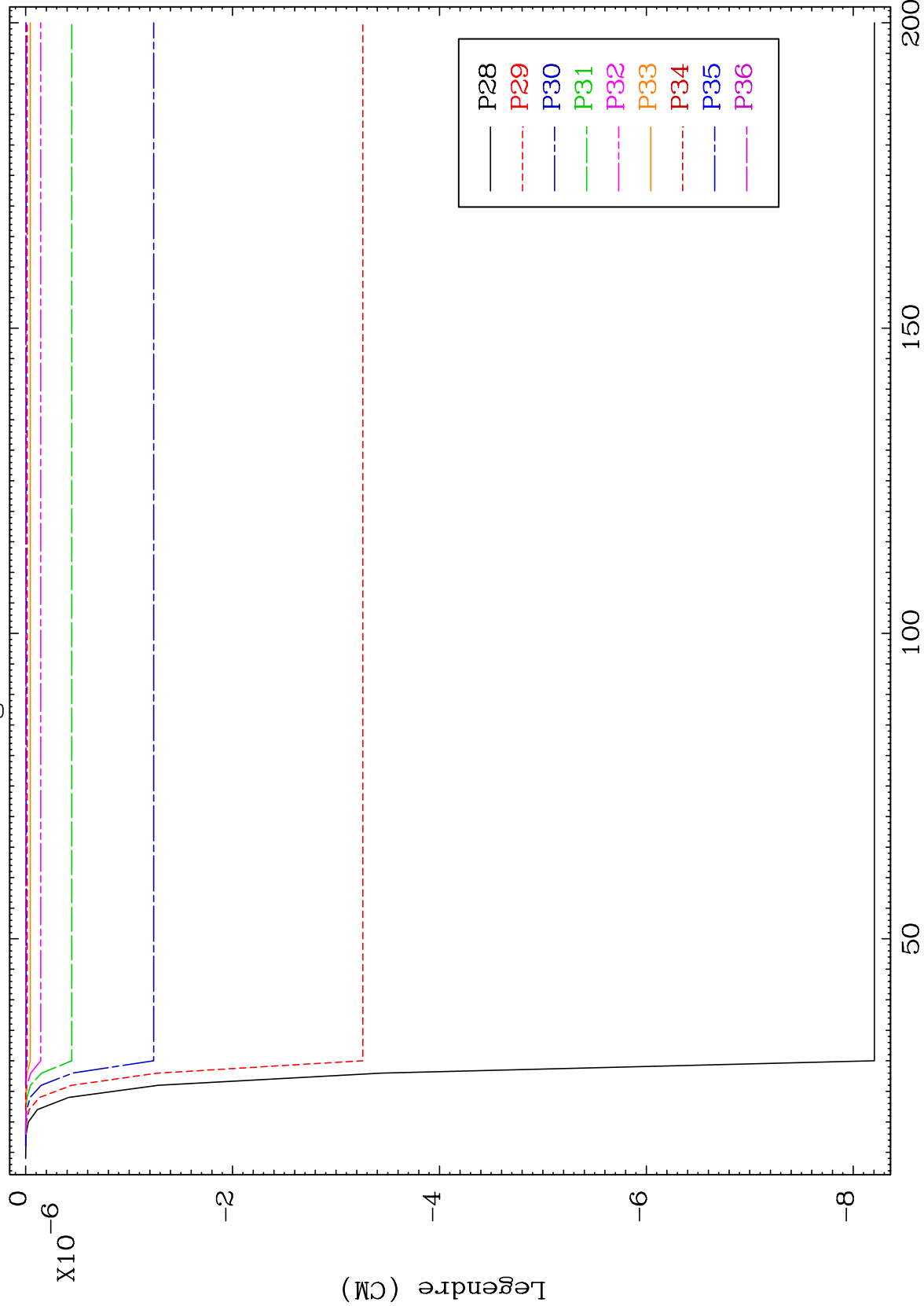




MAT 7449

MT= 62 (n,n') Level
Legendre Coefficients

74-W -188



74-W -188

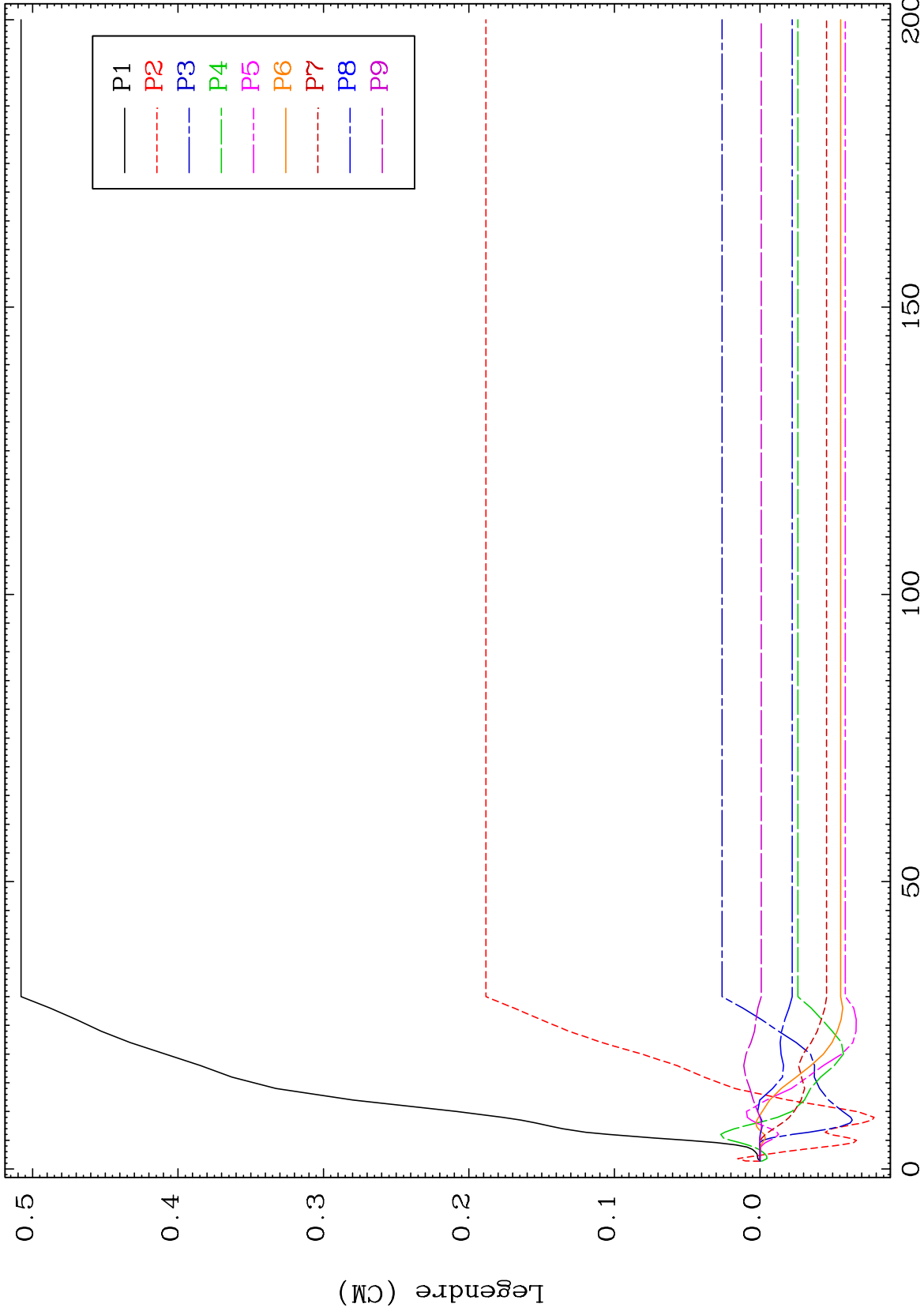
Incident Energy (MeV)

63

MAT 7449

MT= 63 (n,n') Level
Legendre Coefficients

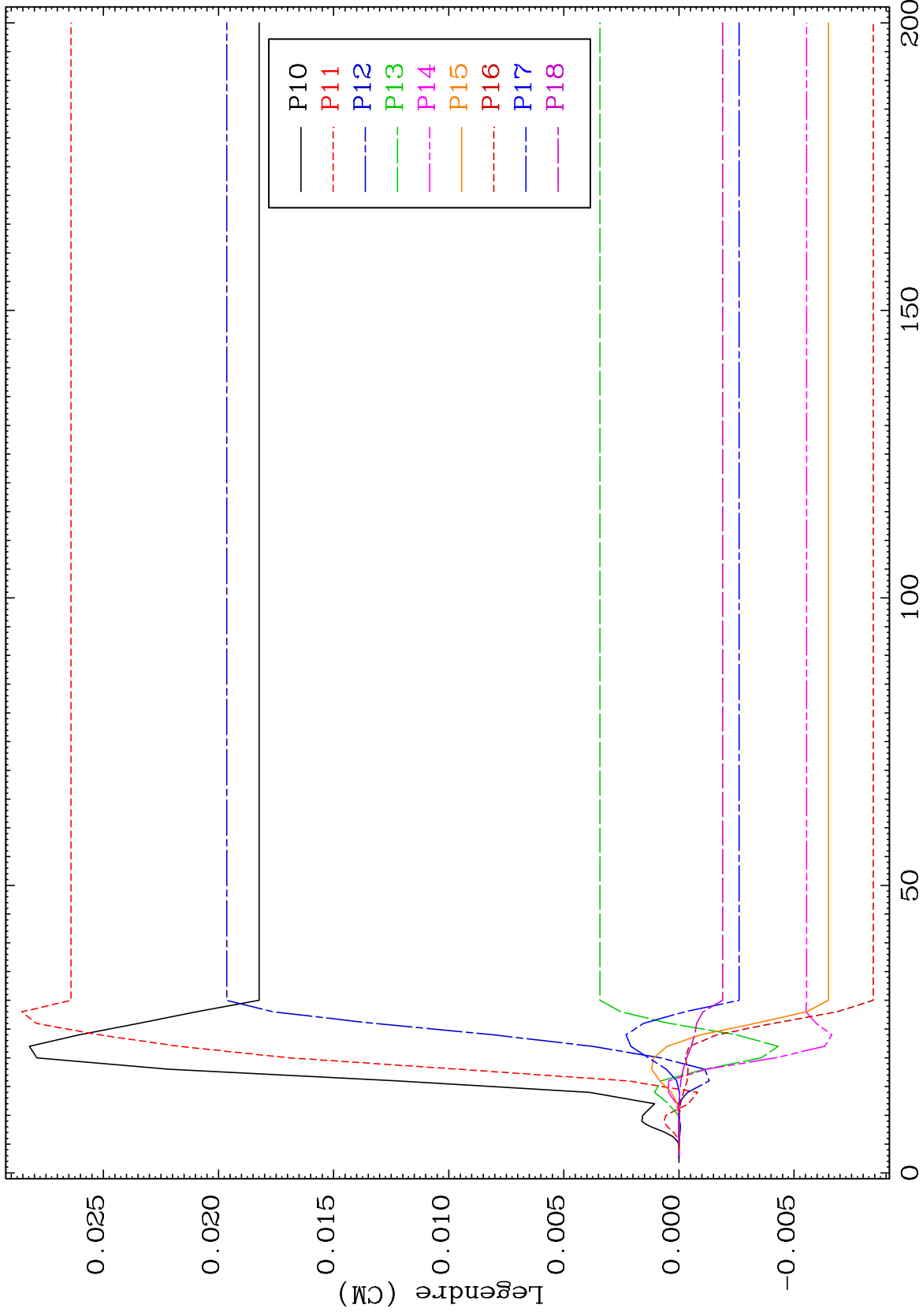
74-W -188

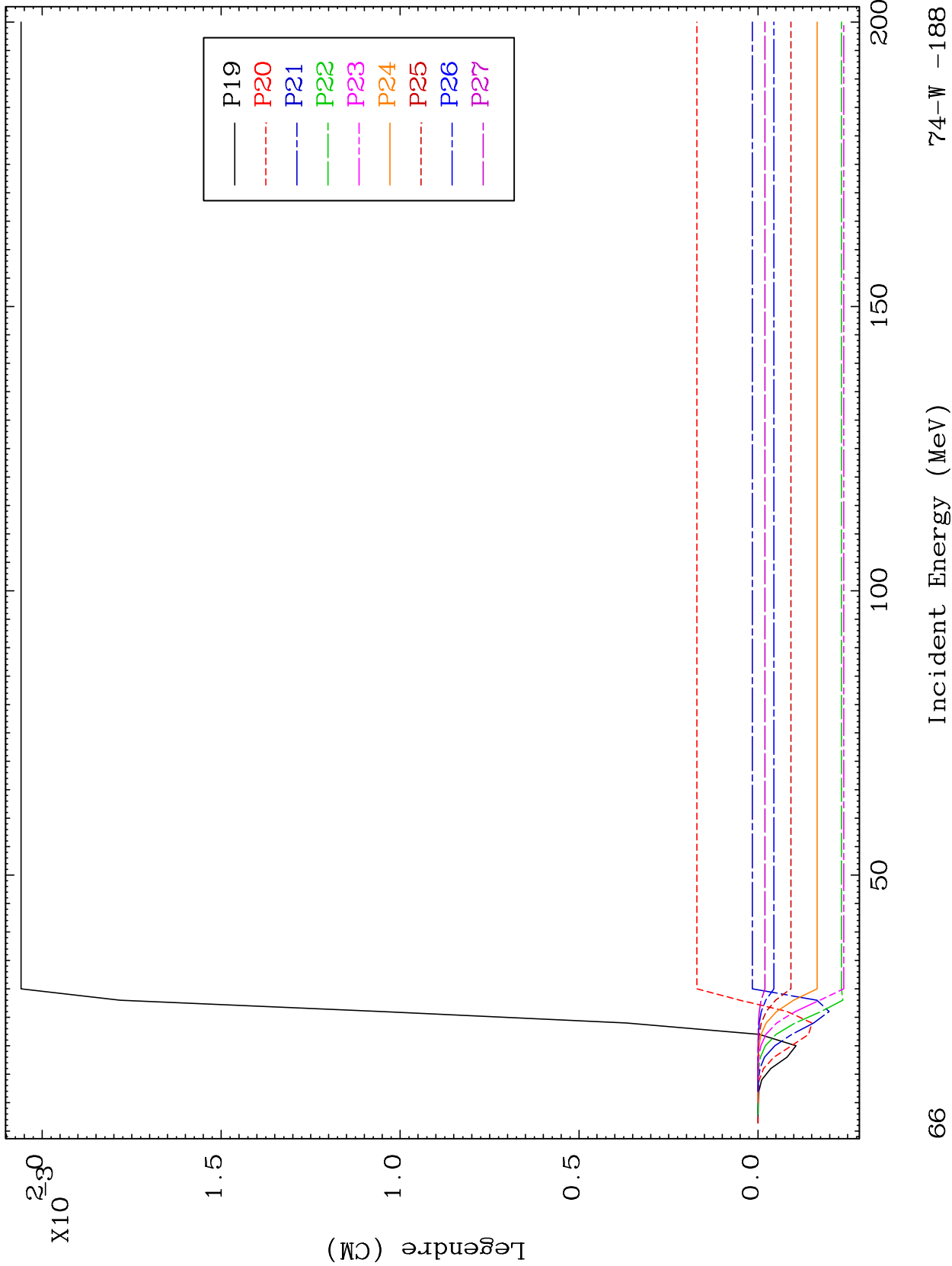


64

Incident Energy (MeV)

74-W -188

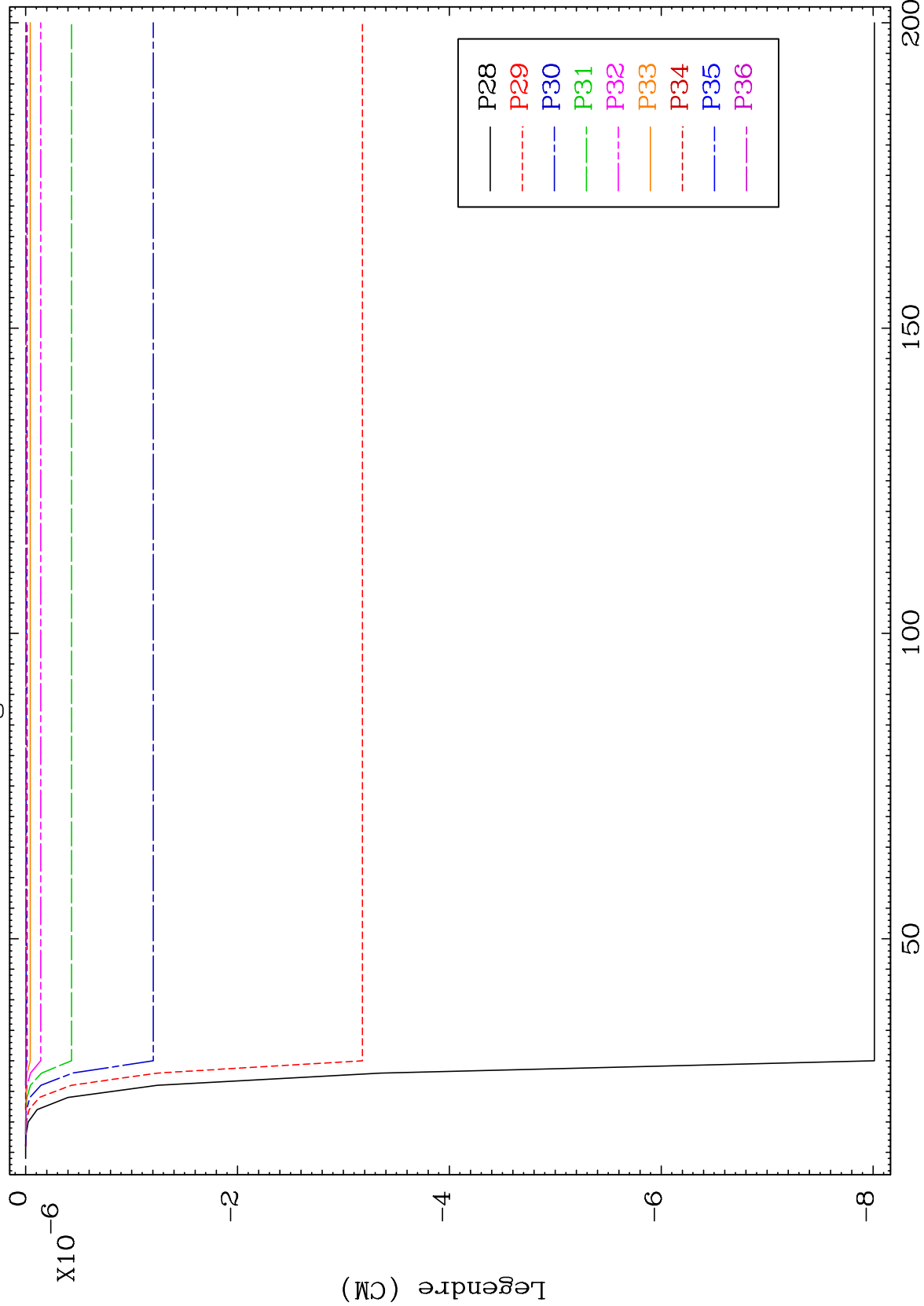




MAT 7449

MT= 63 (n,n') Level
Legendre Coefficients

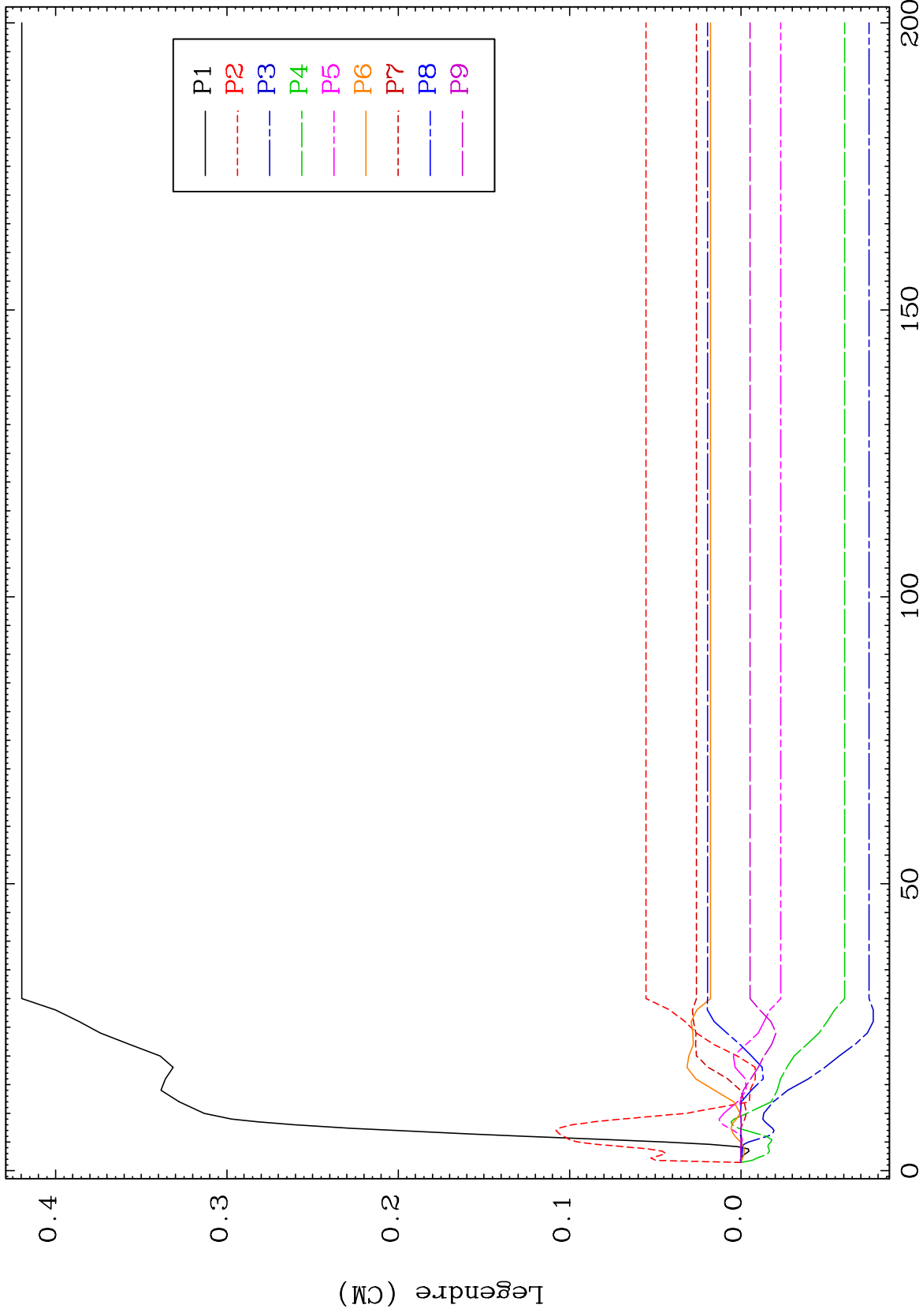
74-W -188

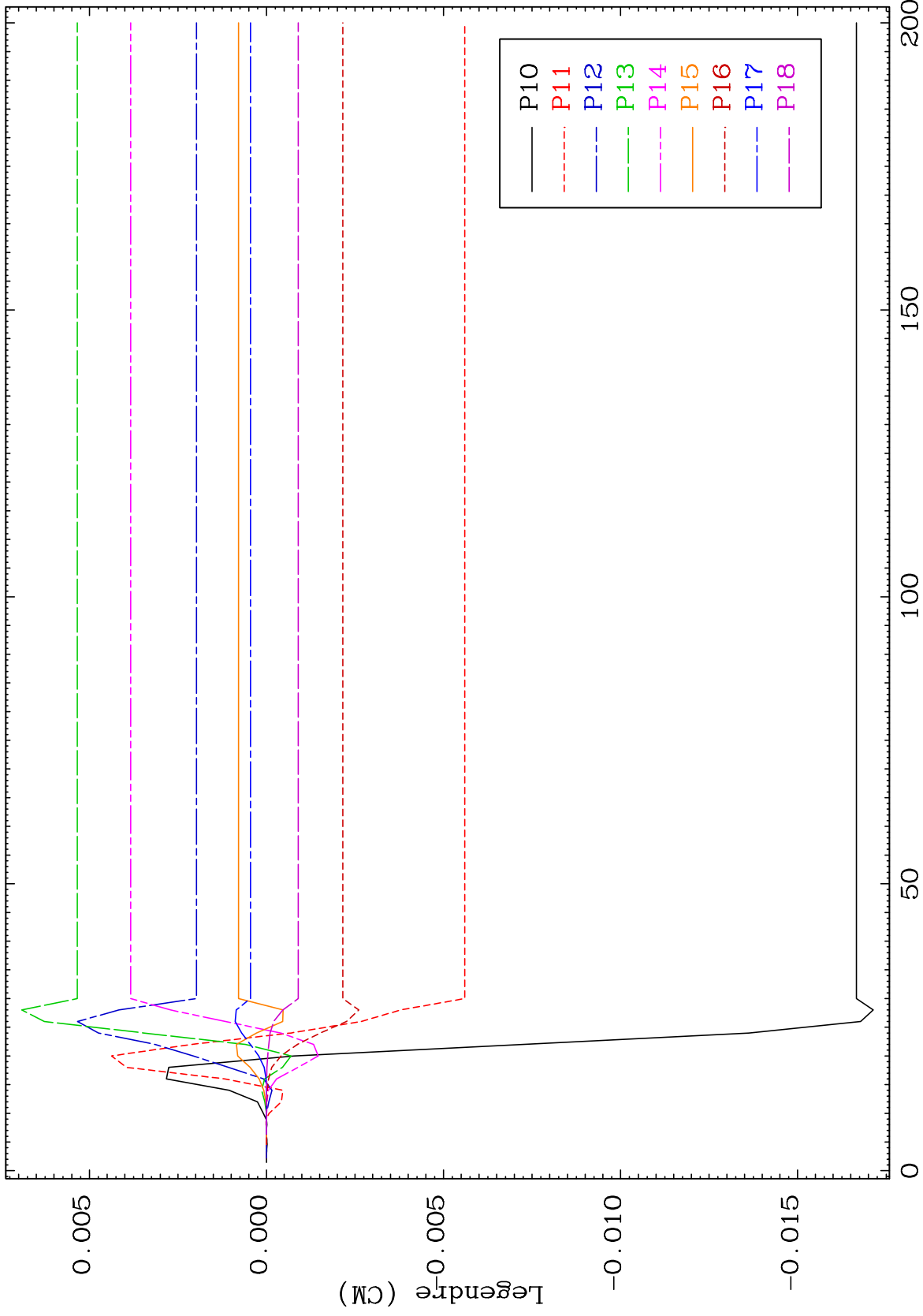


67

Incident Energy (MeV)

74-W -188

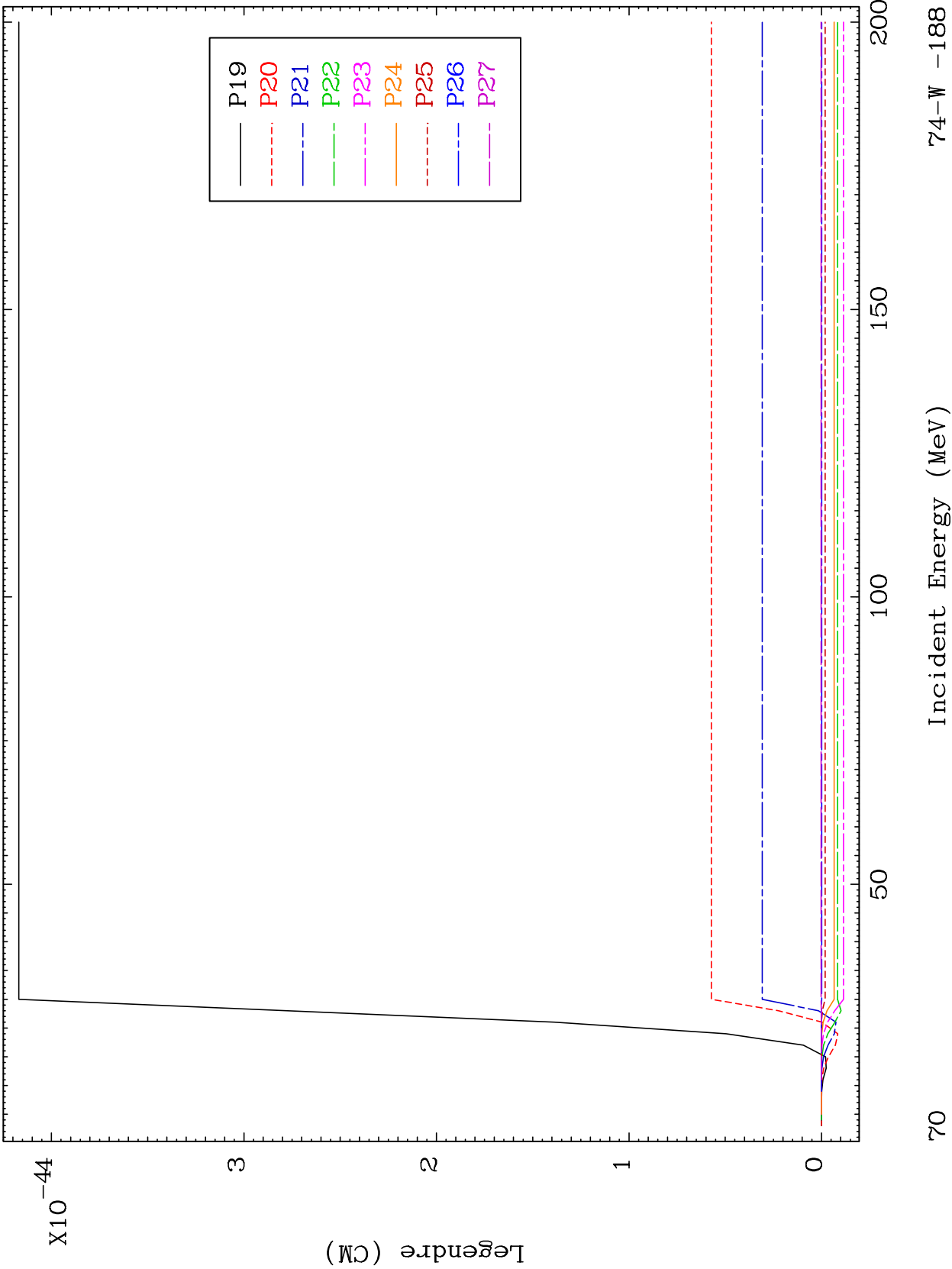




MAT 7449

MT= 64 (n,n') Level
Legendre Coefficients

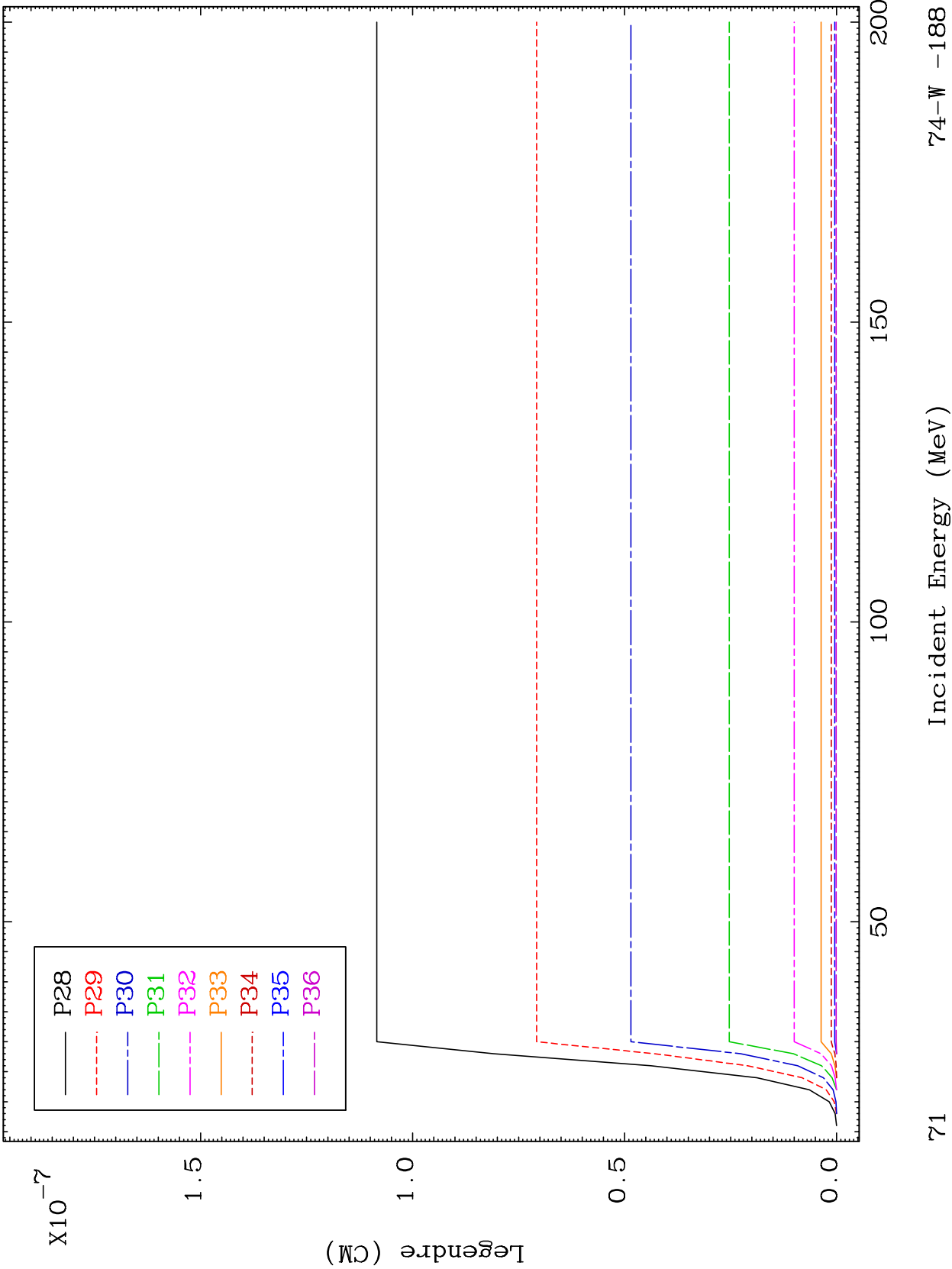
74-W -188



70

Incident Energy (MeV)

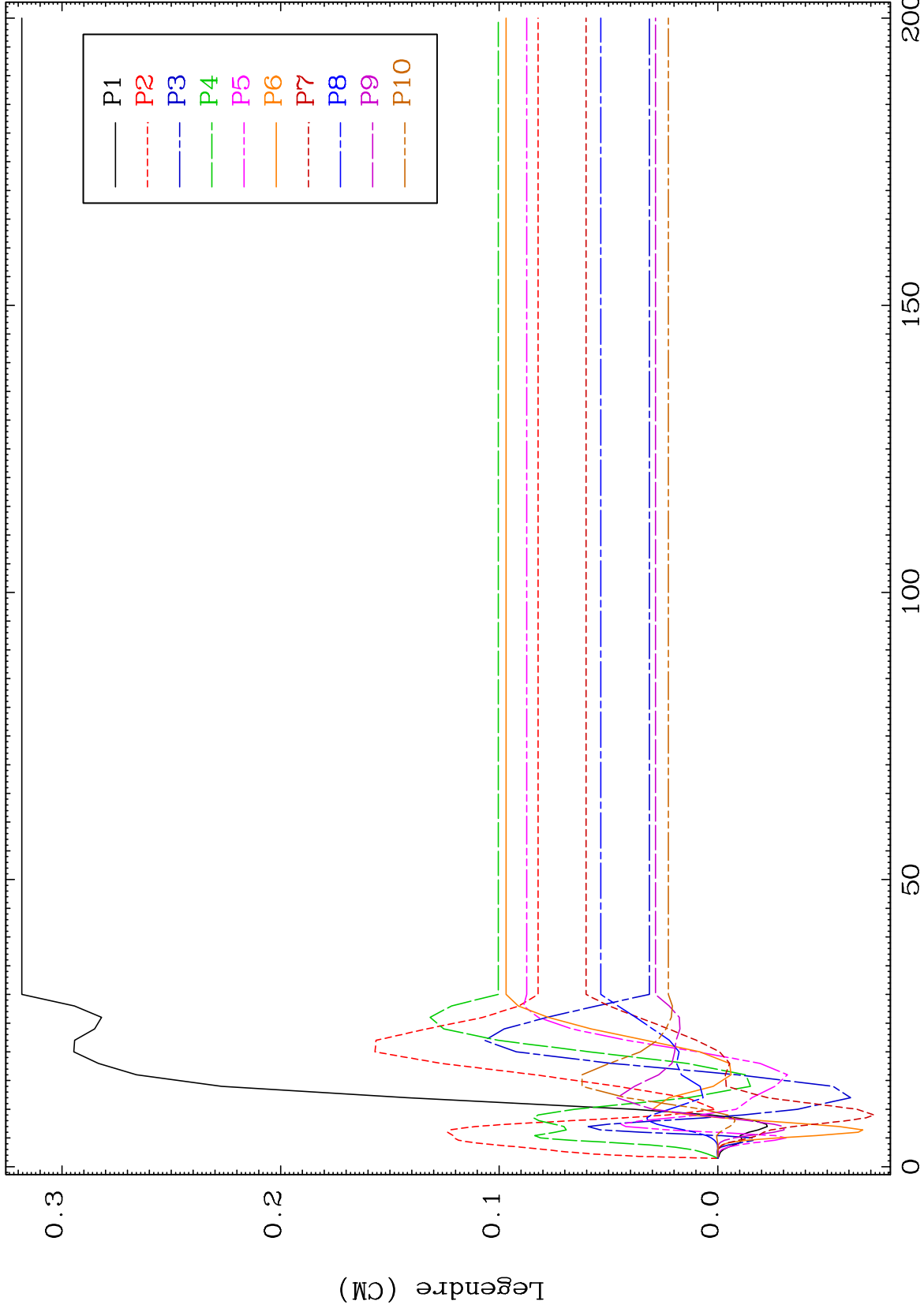
74-W -188



MAT 7449

MT= 65 (n,n') Level
Legendre Coefficients

74-W -188



72

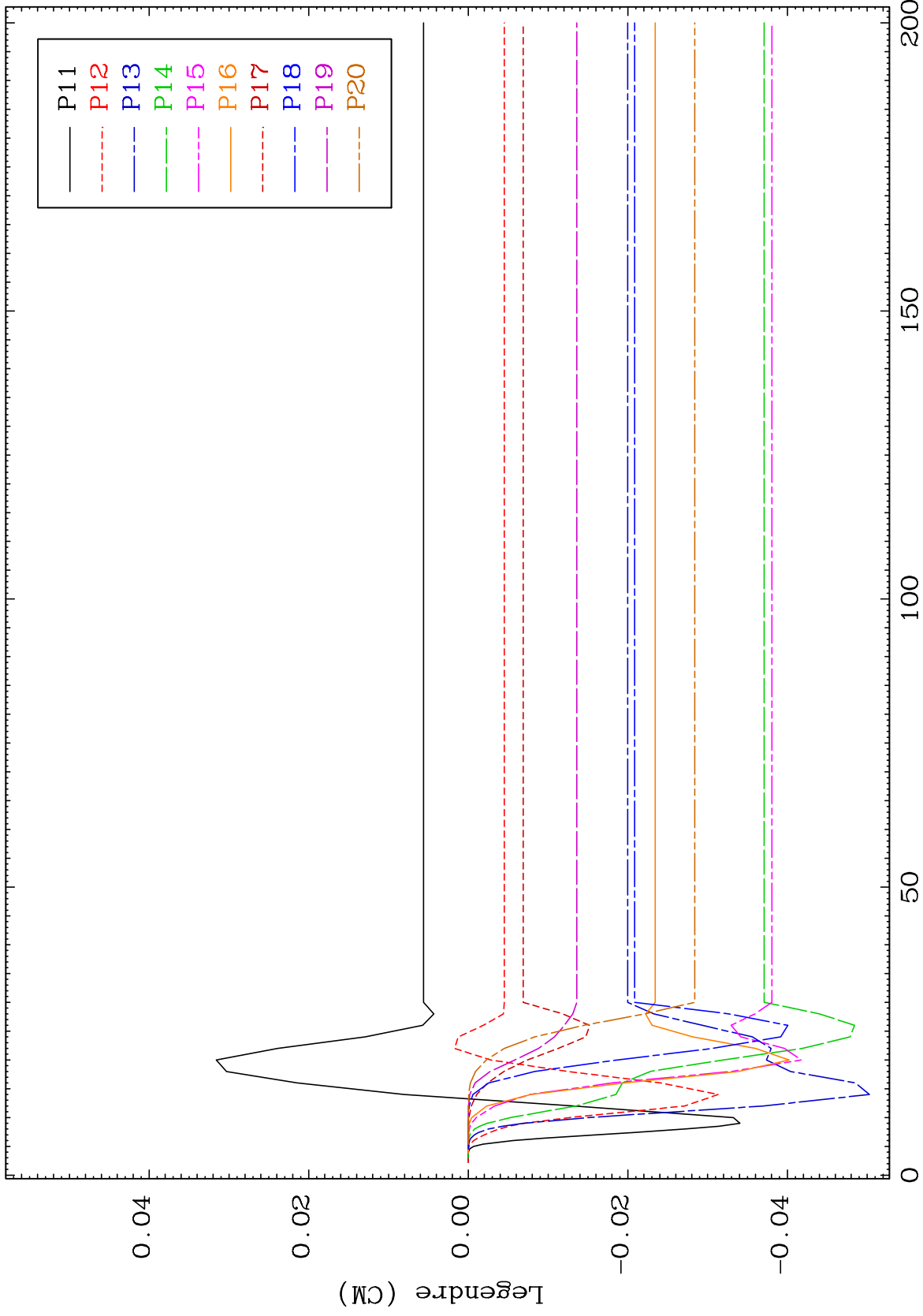
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 65 (n,n') Level
Legendre Coefficients

74-W -188



73

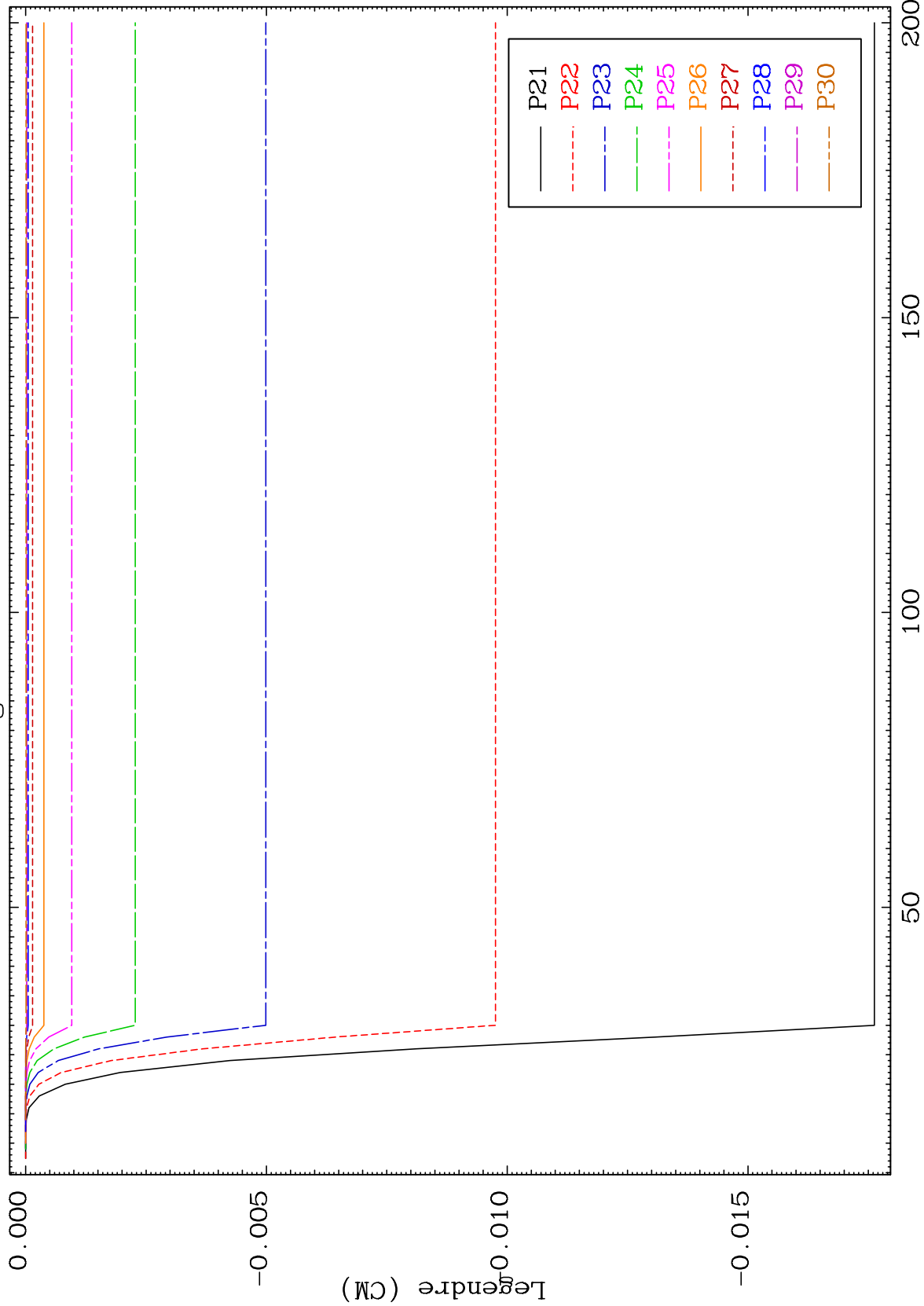
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 65 (n,n') Level
Legendre Coefficients

74-W -188



74-W -188

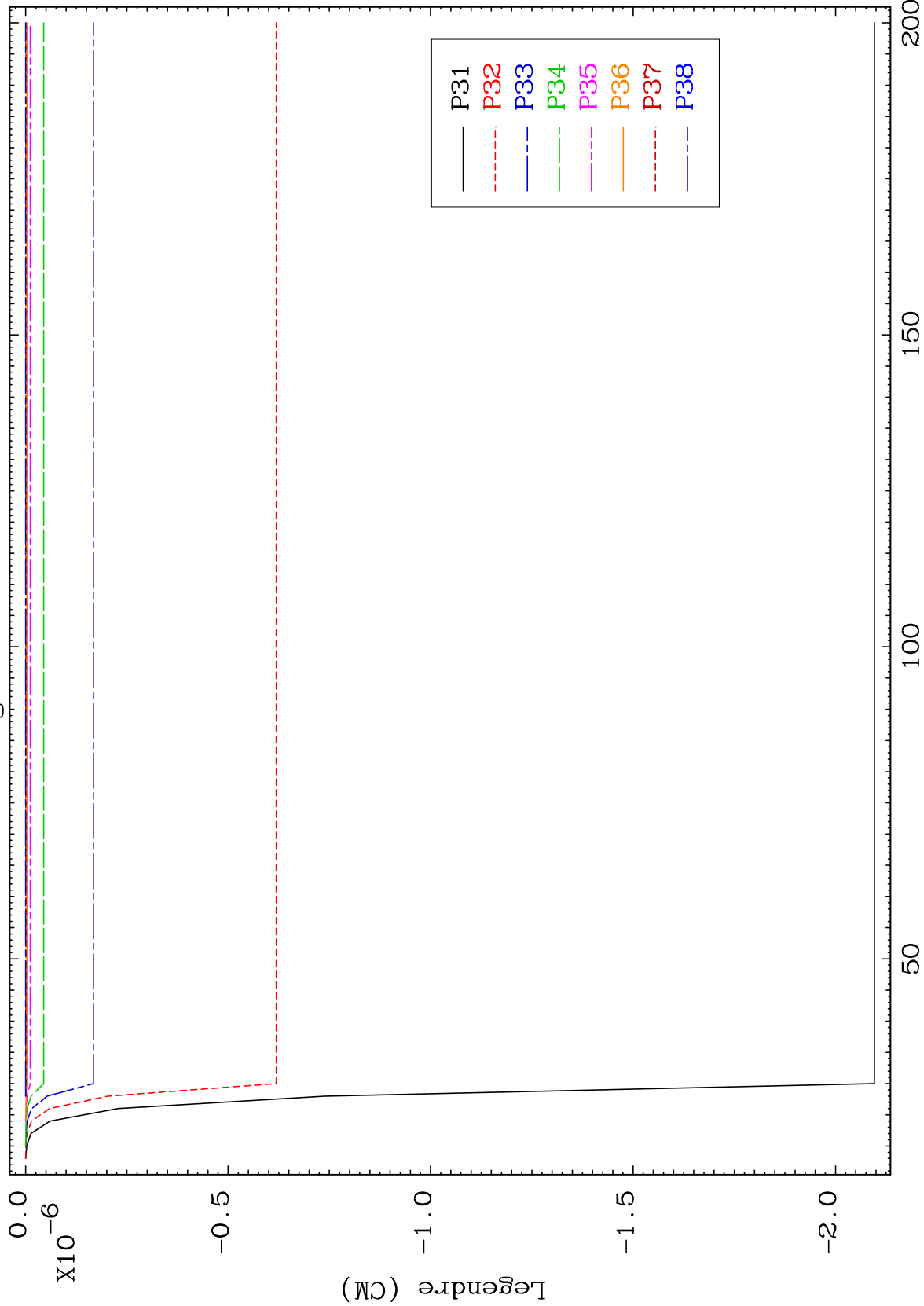
Incident Energy (MeV)

74

MAT 7449

MT= 65 (n,n') Level
Legendre Coefficients

74-W -188



75

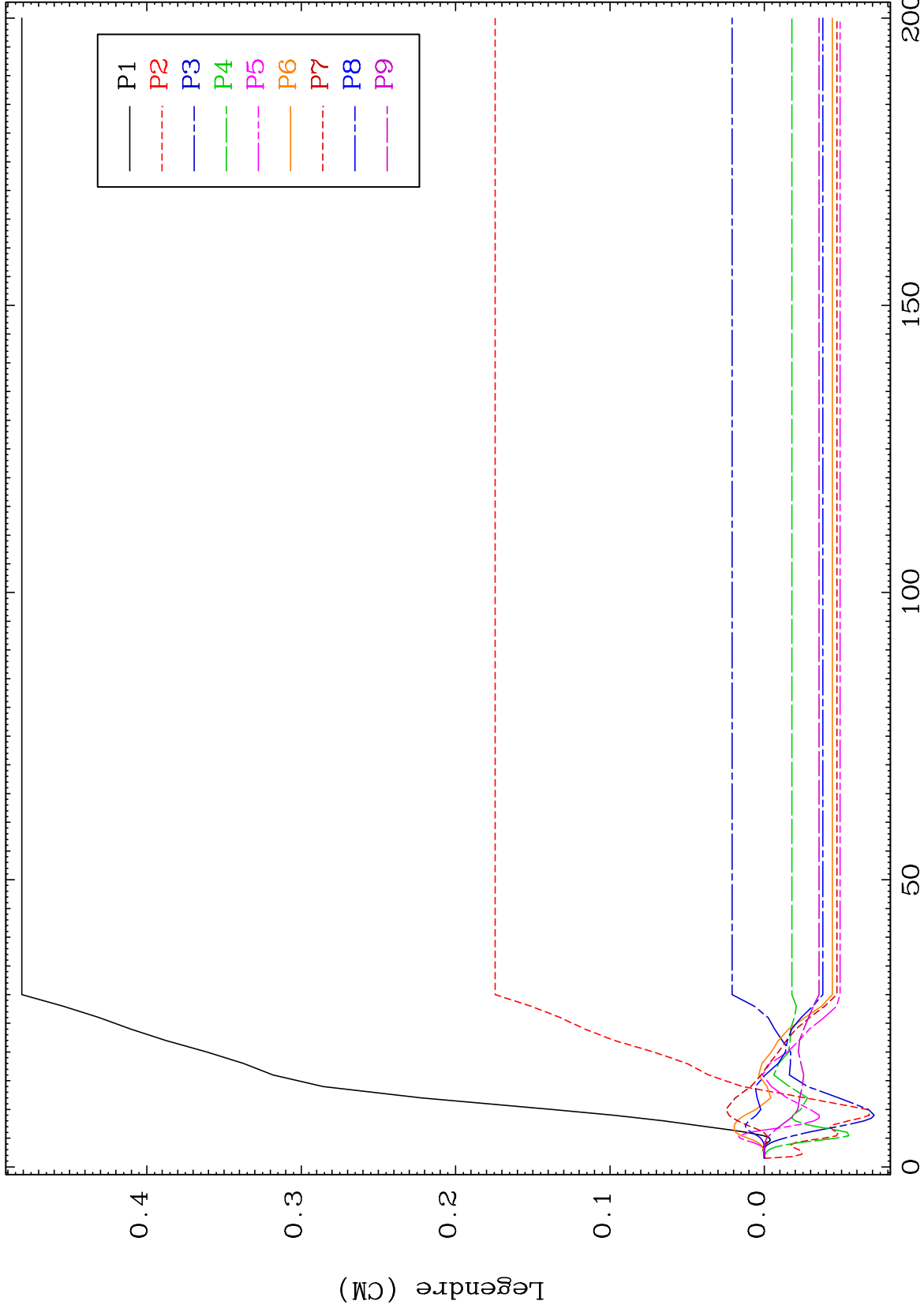
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 66 (n,n') Level
Legendre Coefficients

74-W -188



76

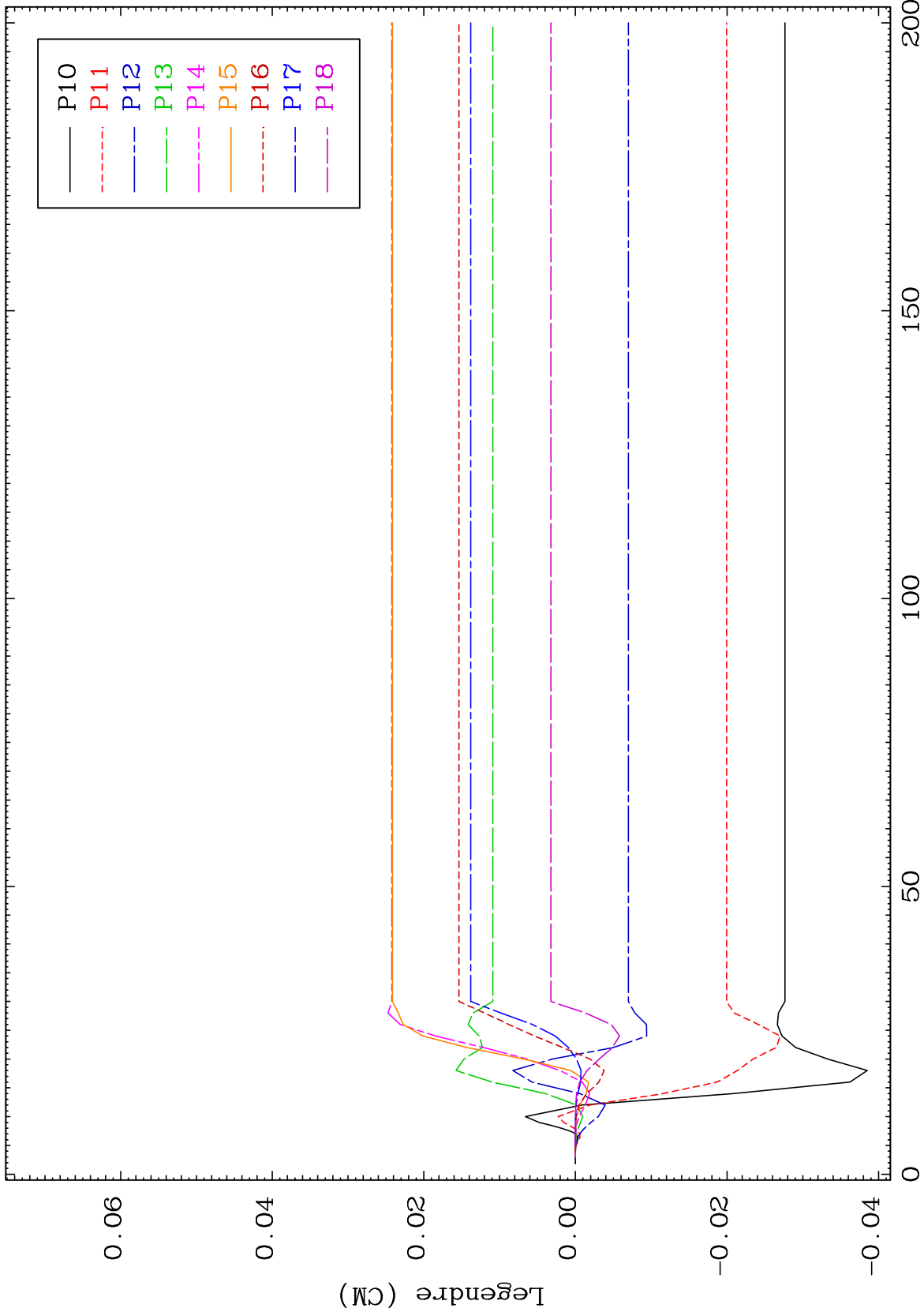
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 66 (n,n') Level
Legendre Coefficients

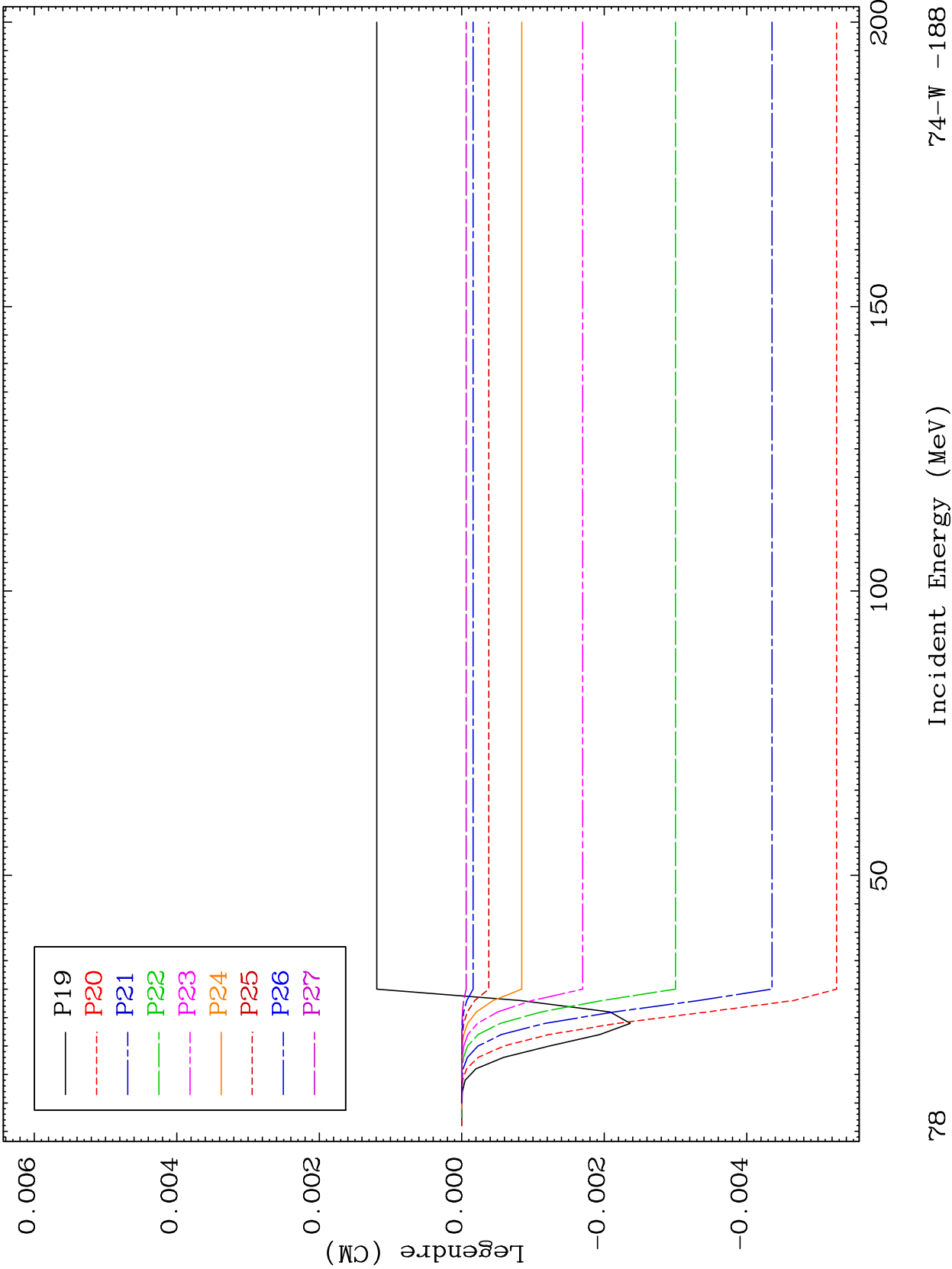
74-W -188

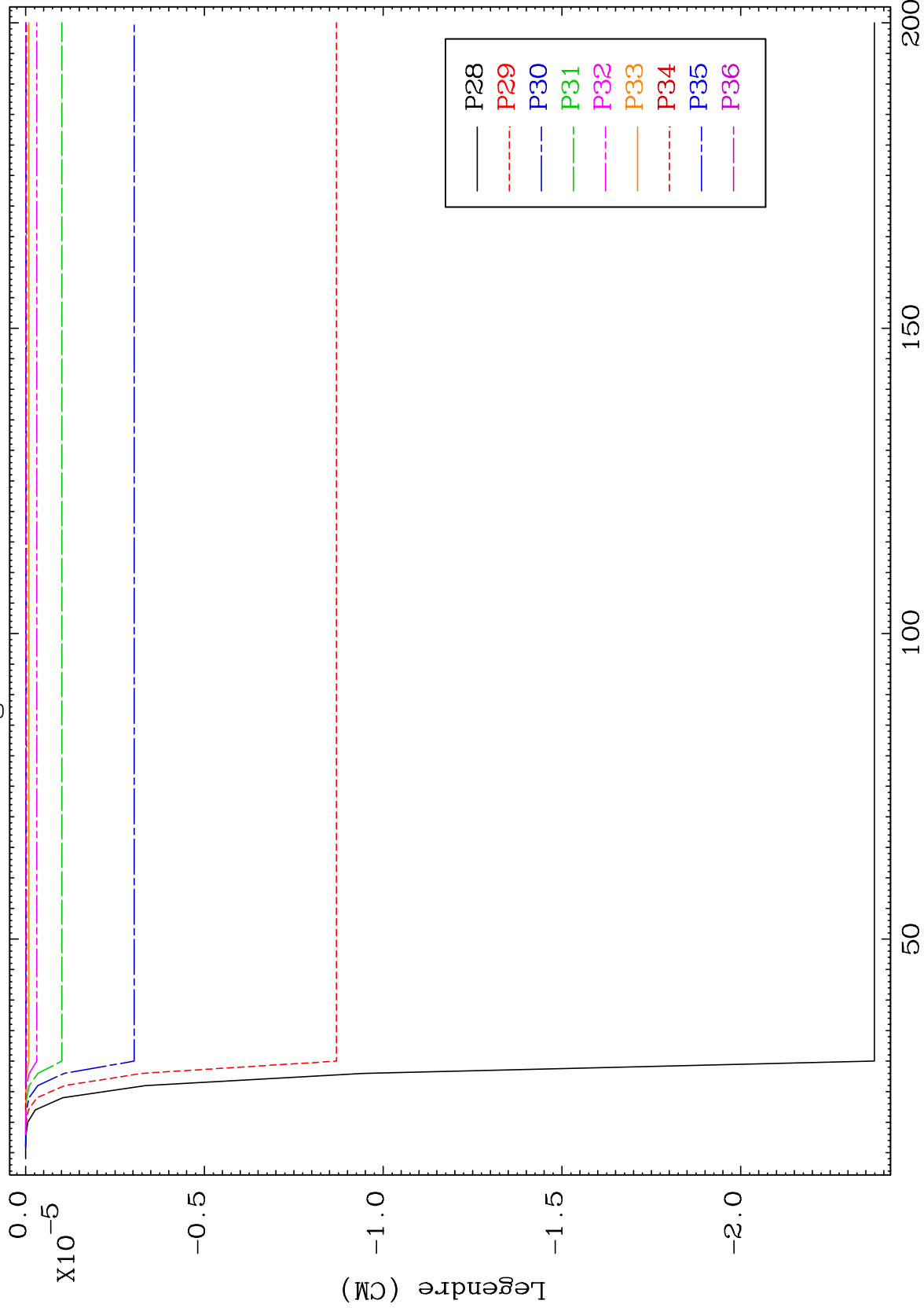


77

Incident Energy (MeV)

74-W -188

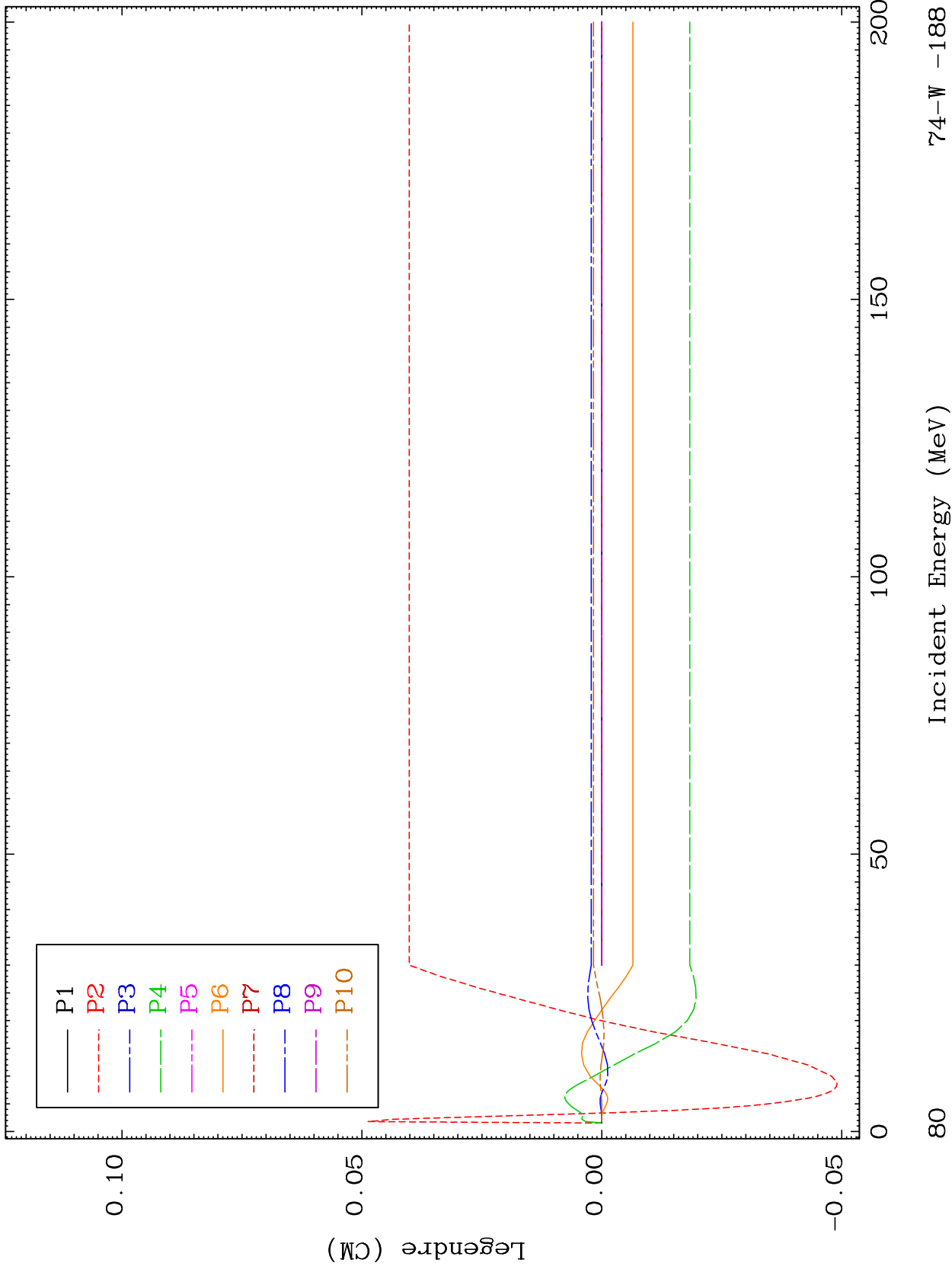




MAT 7449

MT= 67 (n,n') Level
Legendre Coefficients

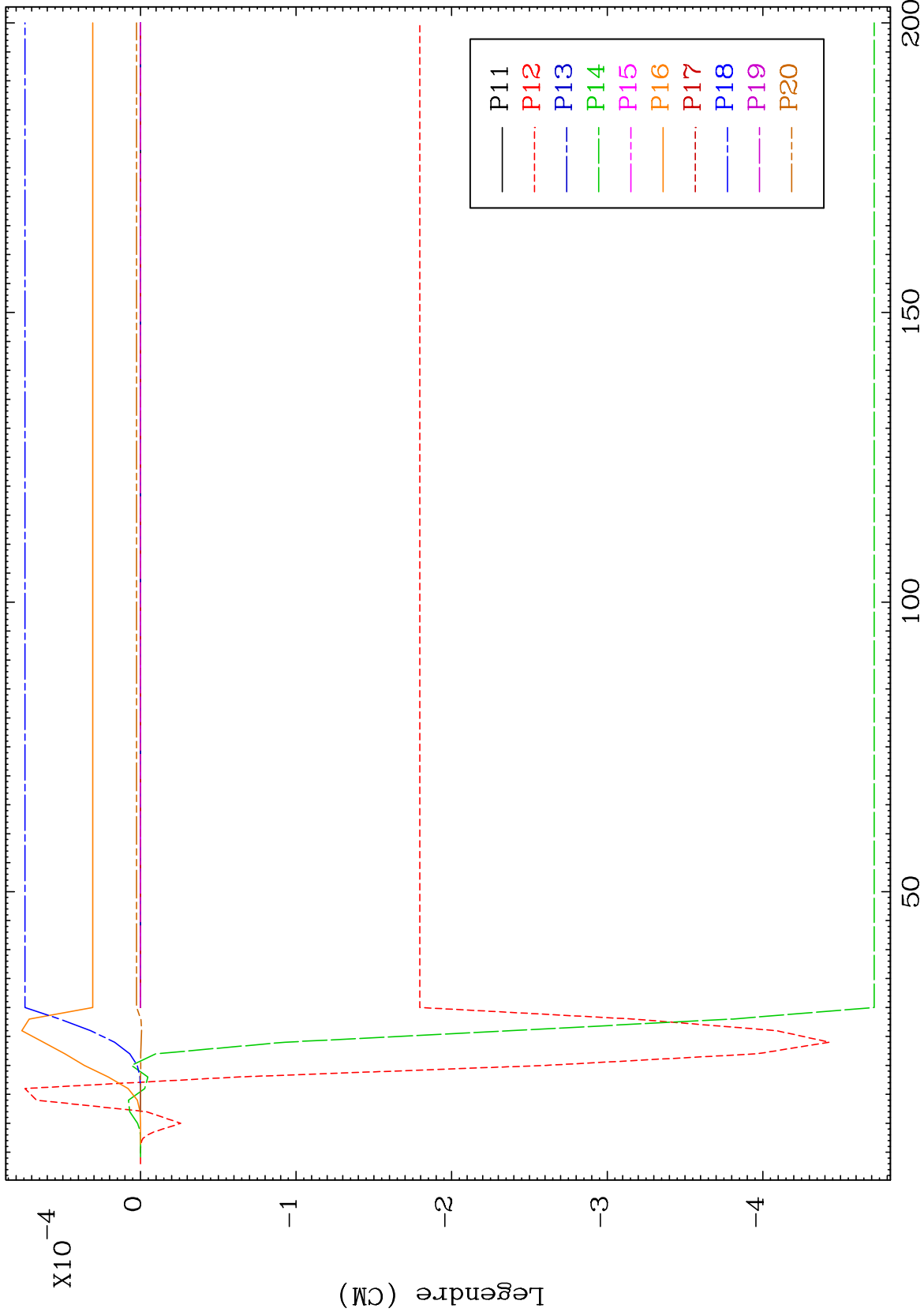
74-W -188



74-W -188

Incident Energy (MeV)

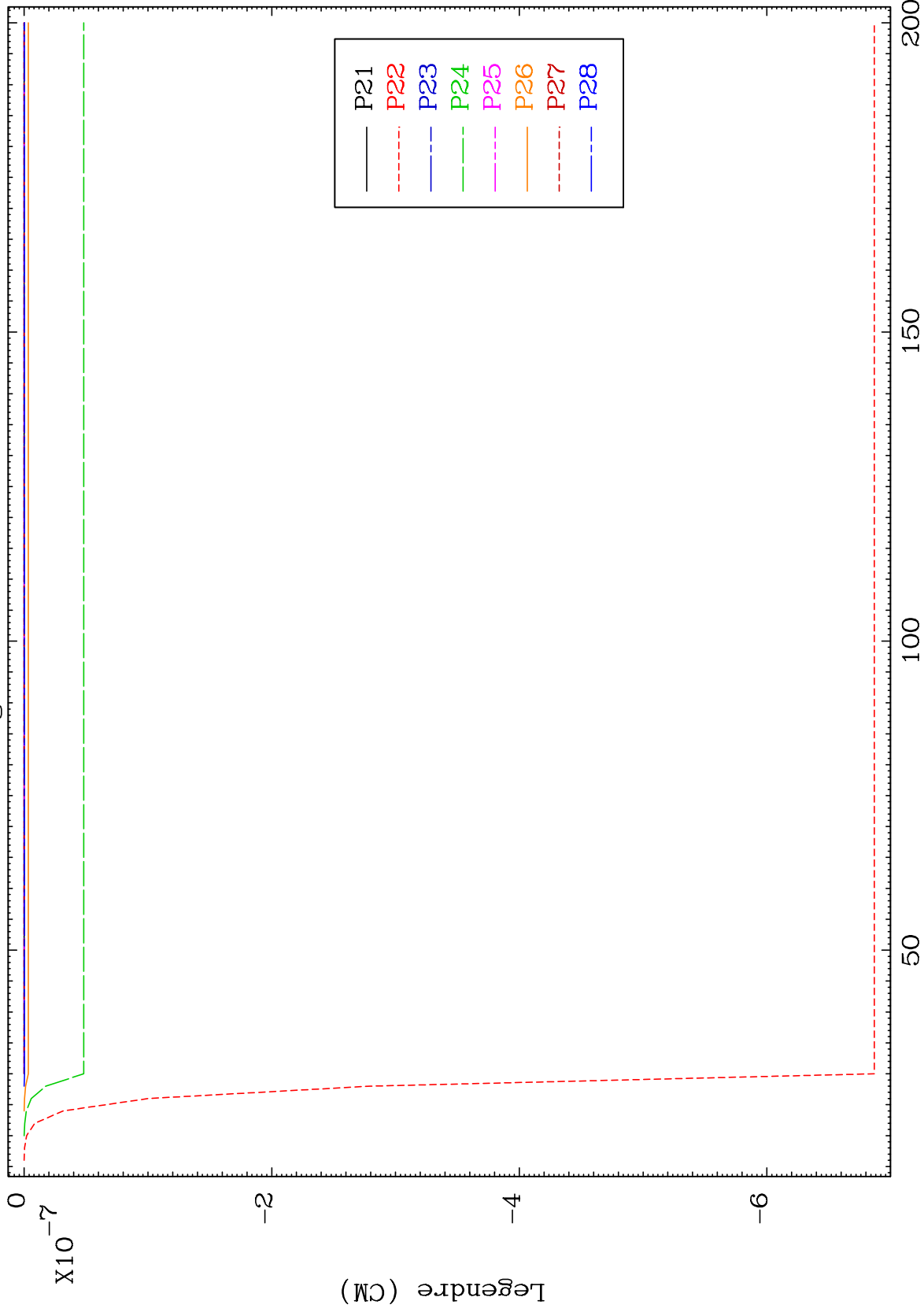
80



MAT 7449

MT= 67 (n,n') Level
Legendre Coefficients

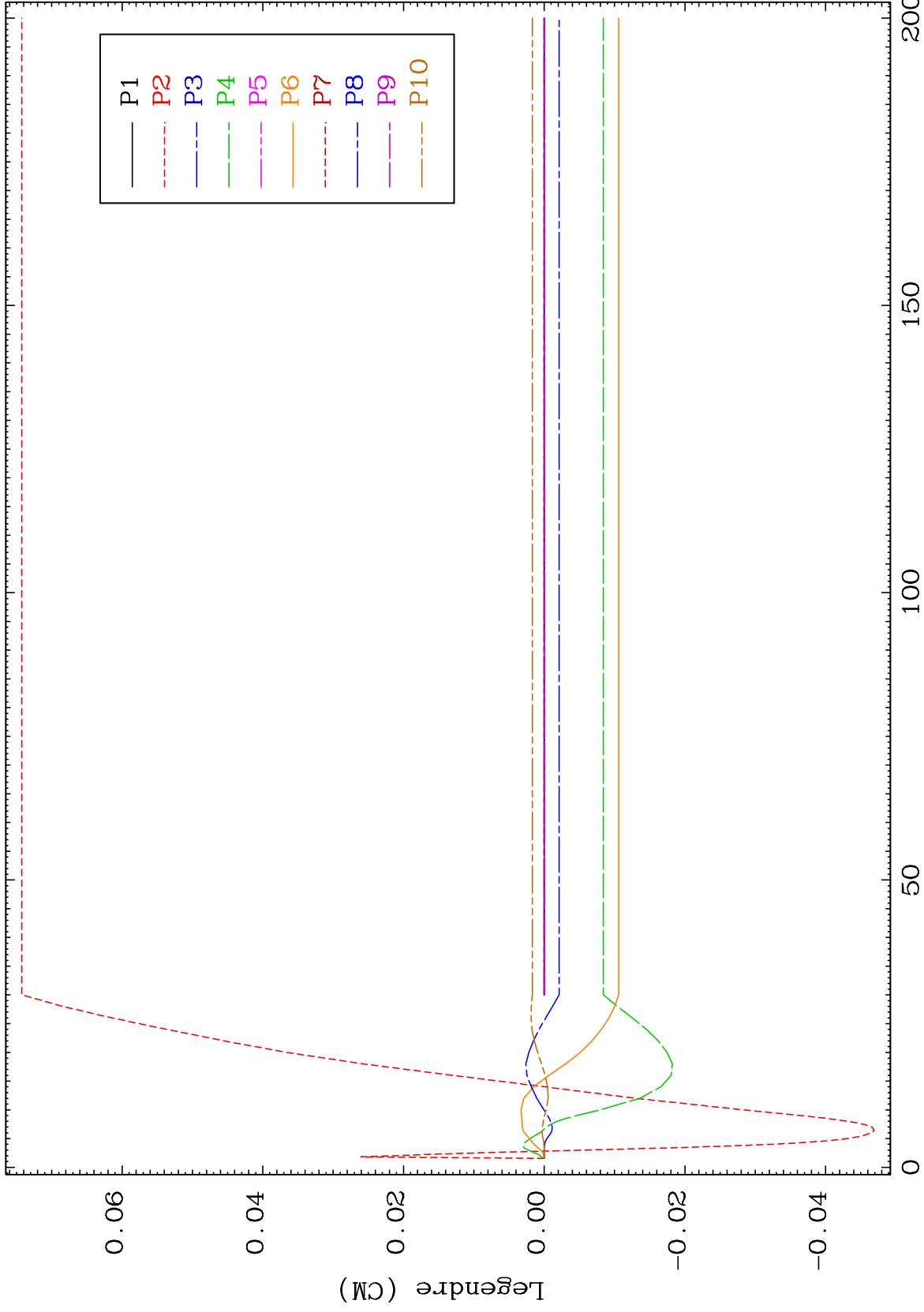
74-W -188



82

Incident Energy (MeV)

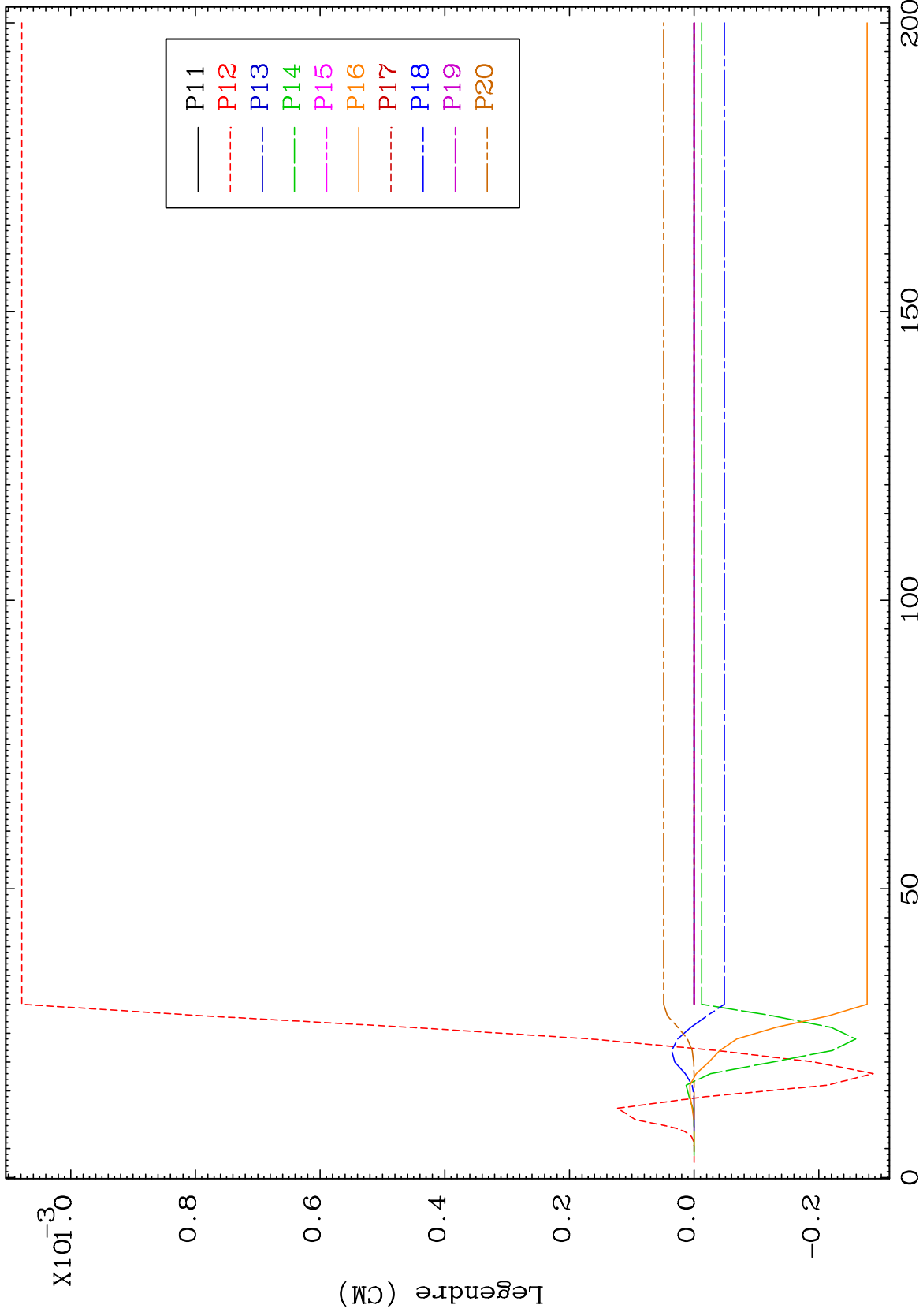
74-W -188



MAT 7449

MT= 68 (n,n') Level
Legendre Coefficients

74-W -188



84

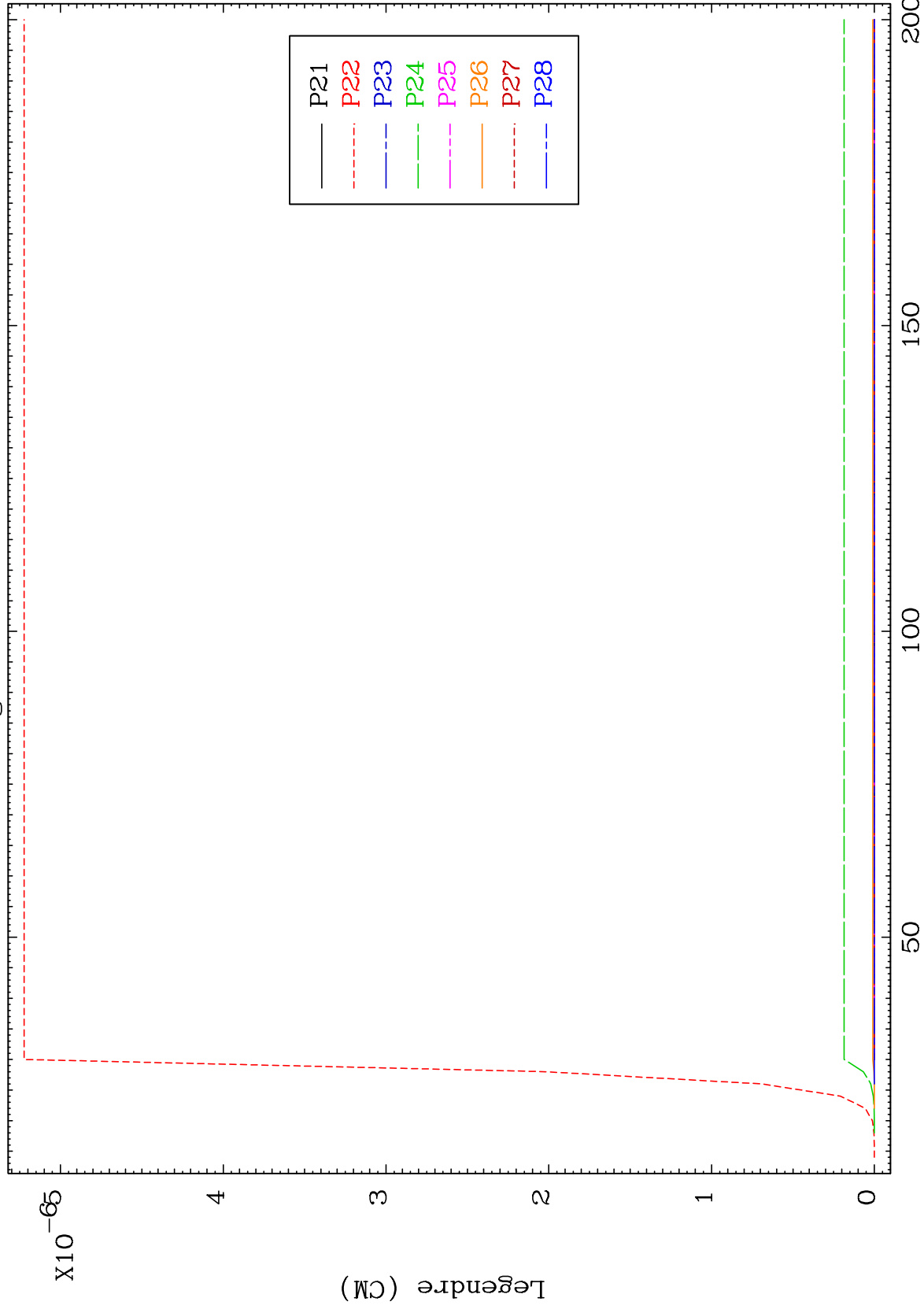
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 68 (n,n') Level
Legendre Coefficients

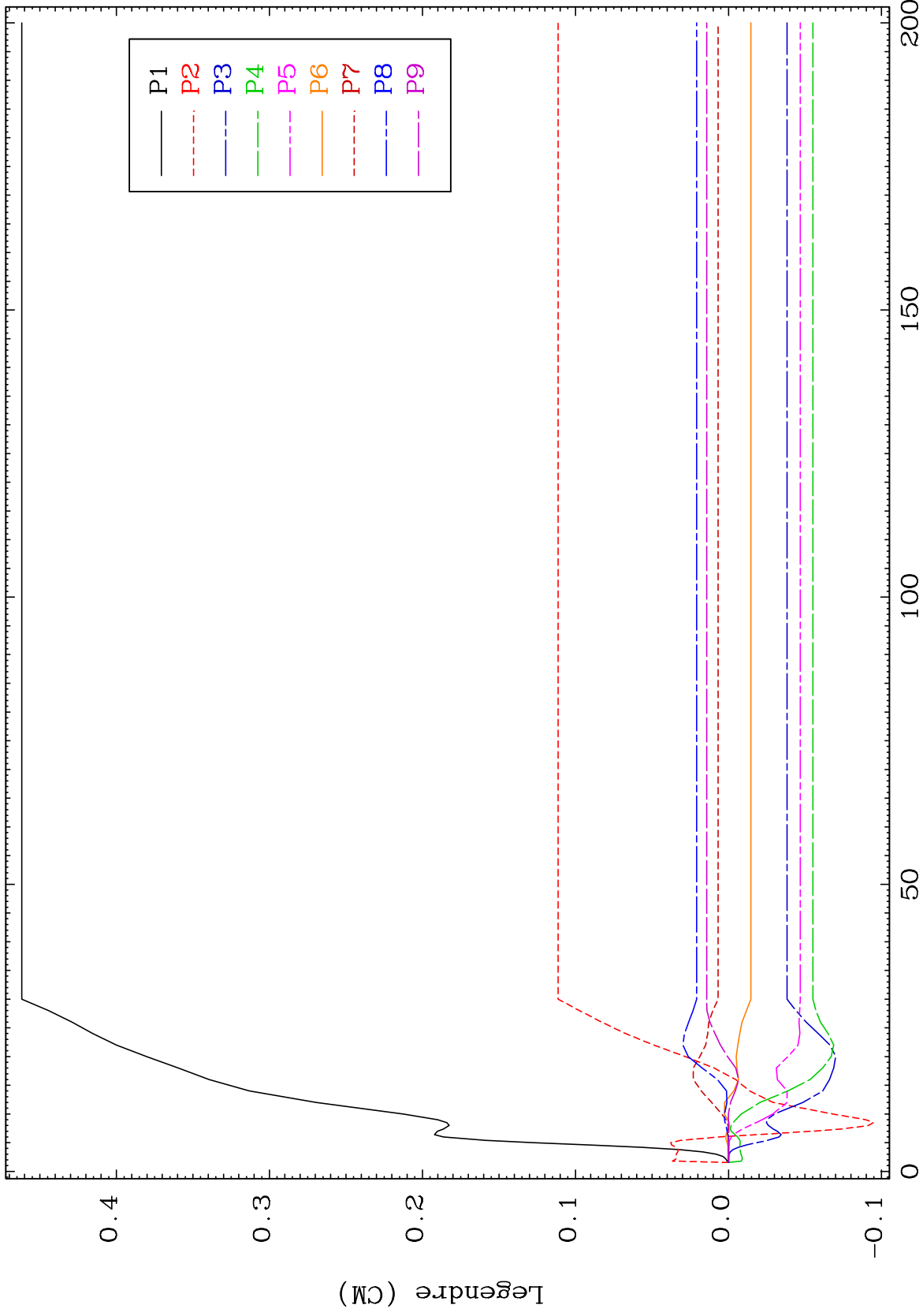
74-W -188



85

Incident Energy (MeV)

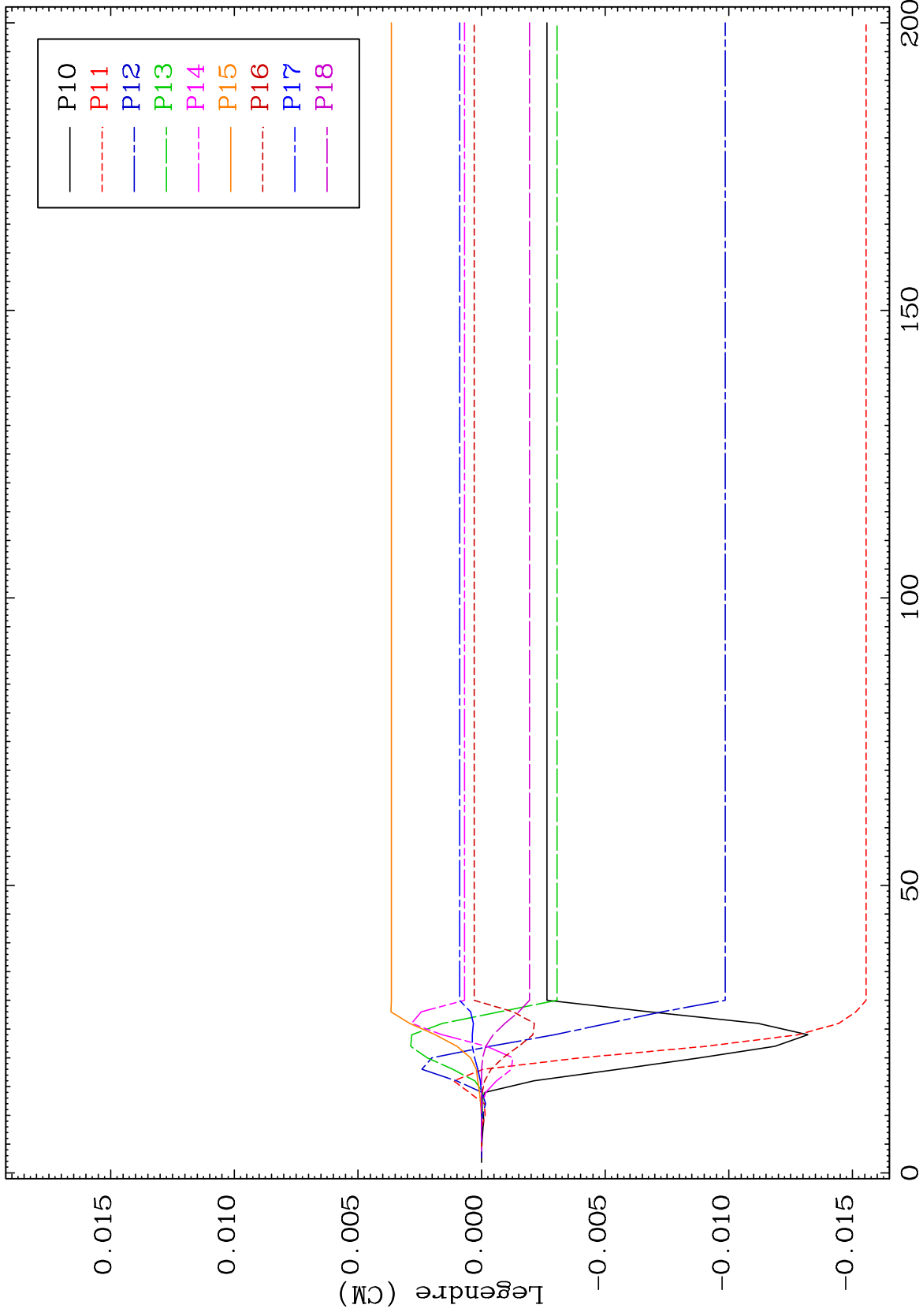
74-W -188



MAT 7449

MT= 69 (n,n') Level
Legendre Coefficients

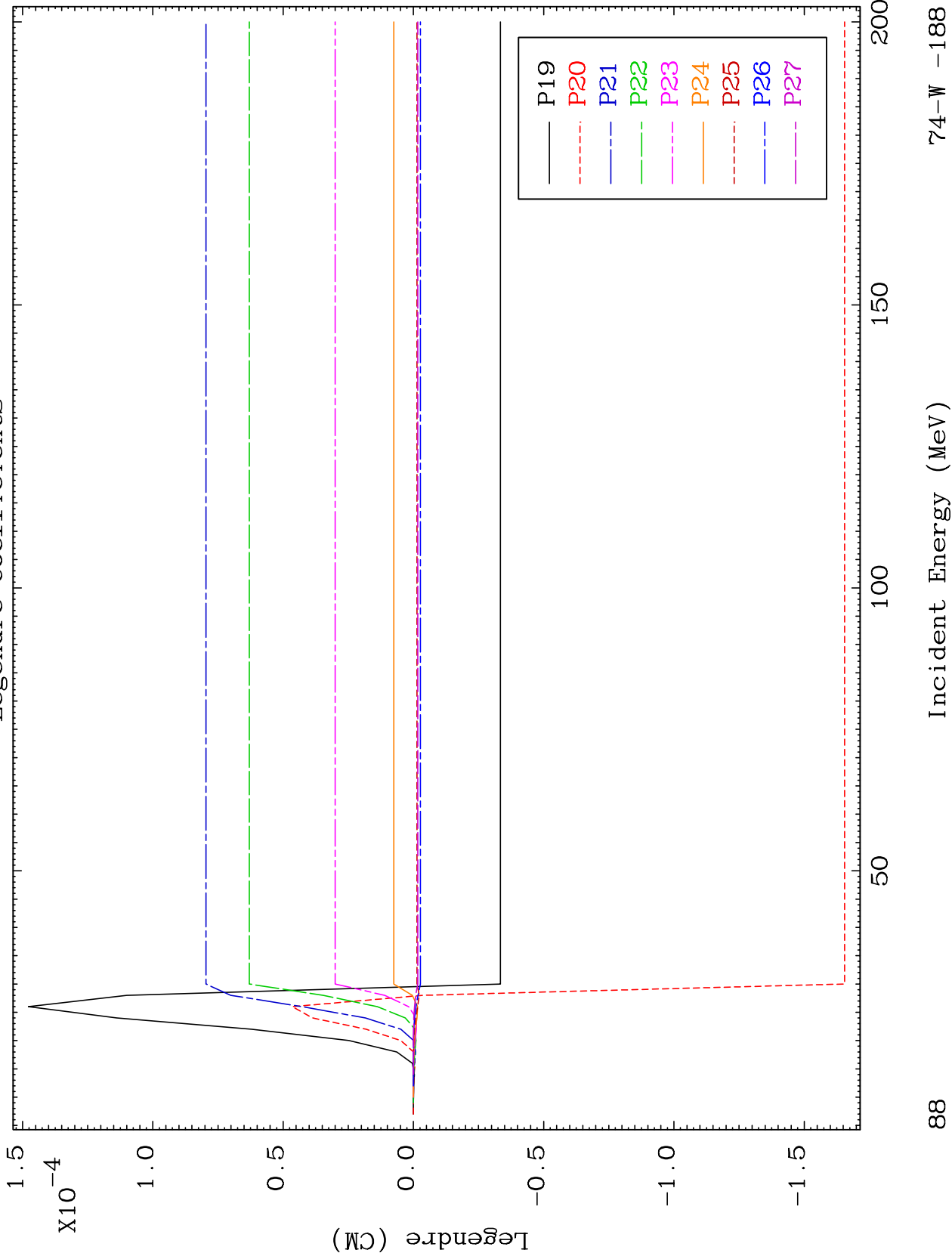
74-W -188



87

Incident Energy (MeV)

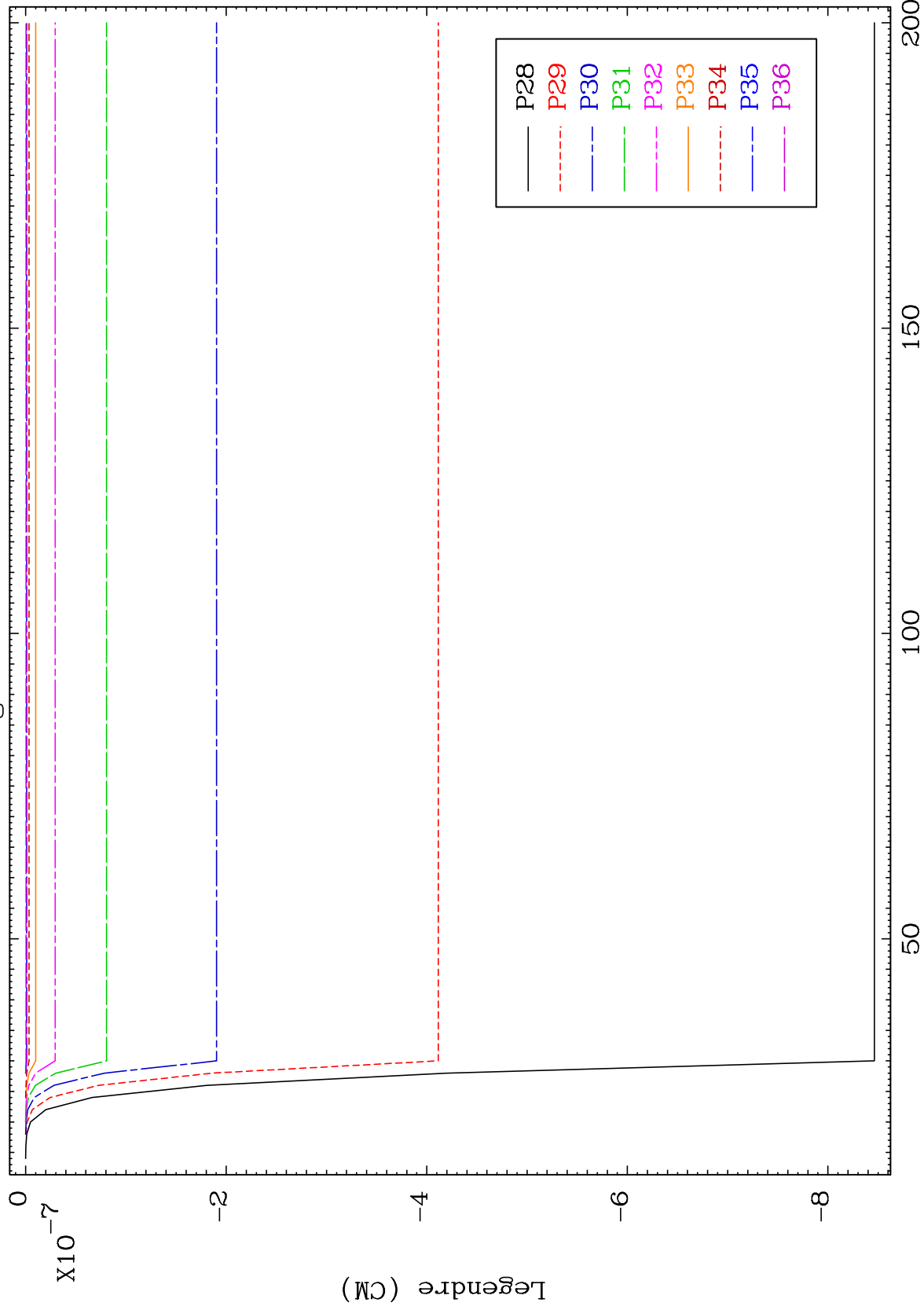
74-W -188



MAT 7449

MT= 69 (n,n') Level
Legendre Coefficients

74-W -188



89

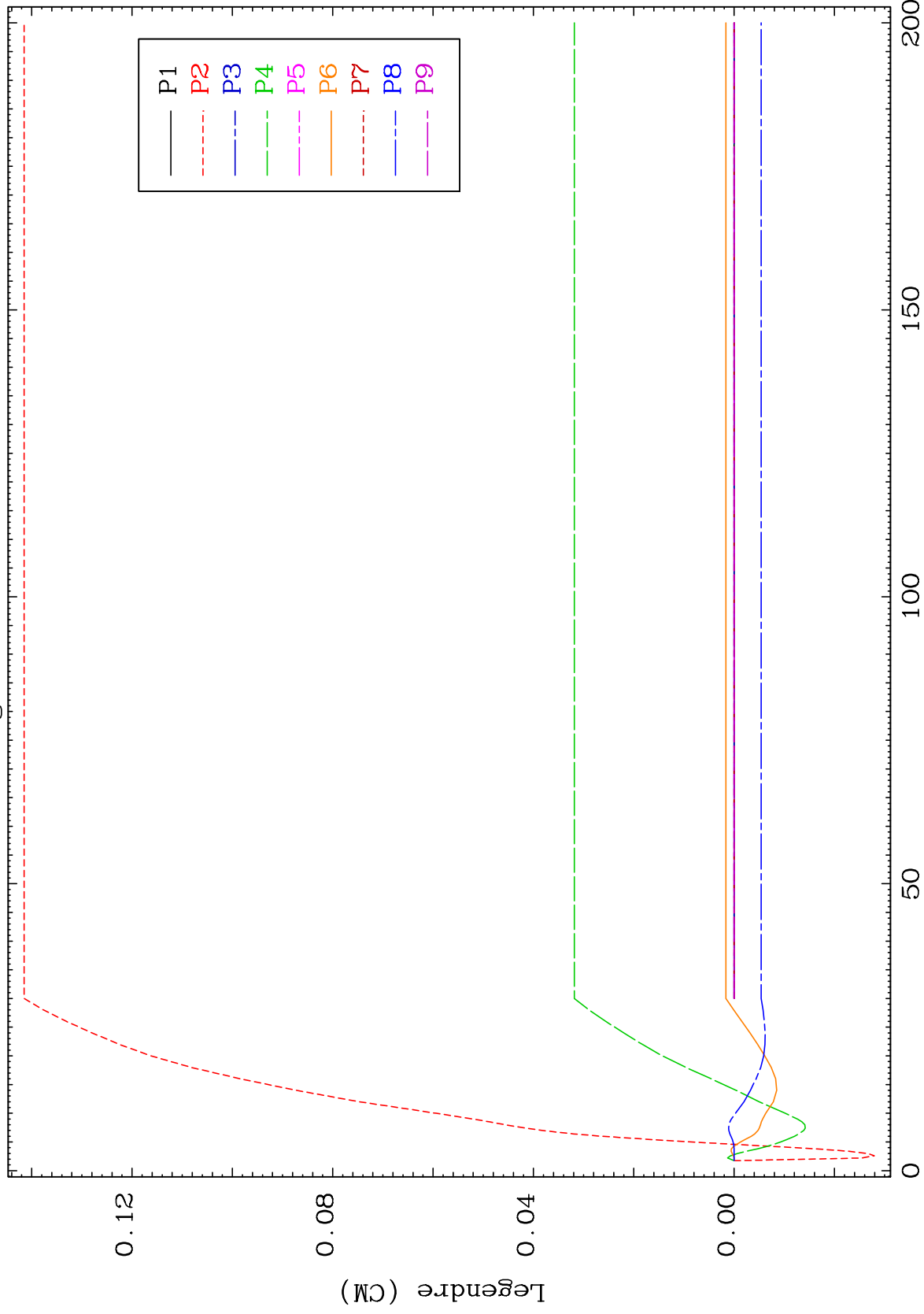
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 70 (n,n') Level
Legendre Coefficients

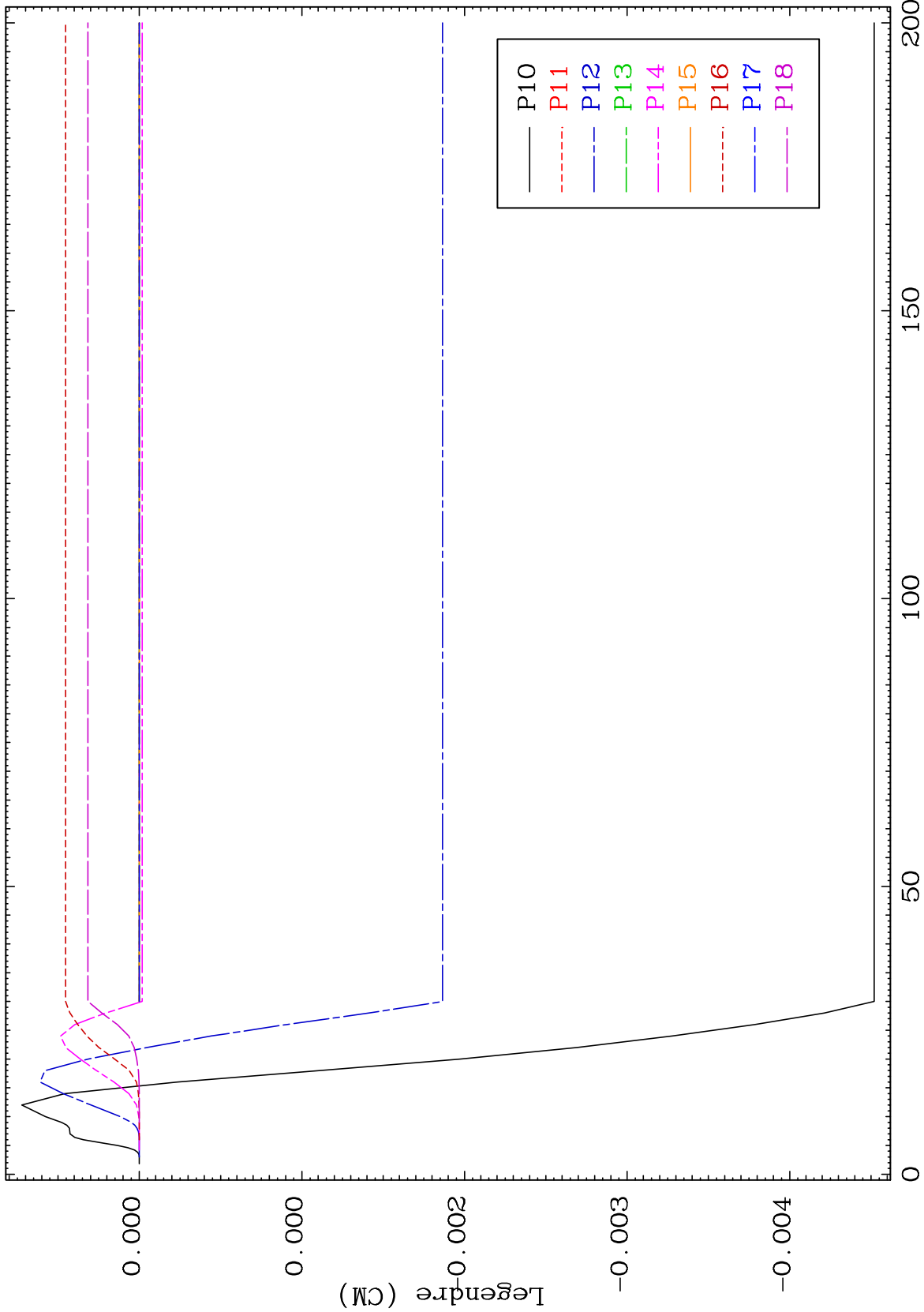
74-W -188



74-W -188

Incident Energy (MeV)

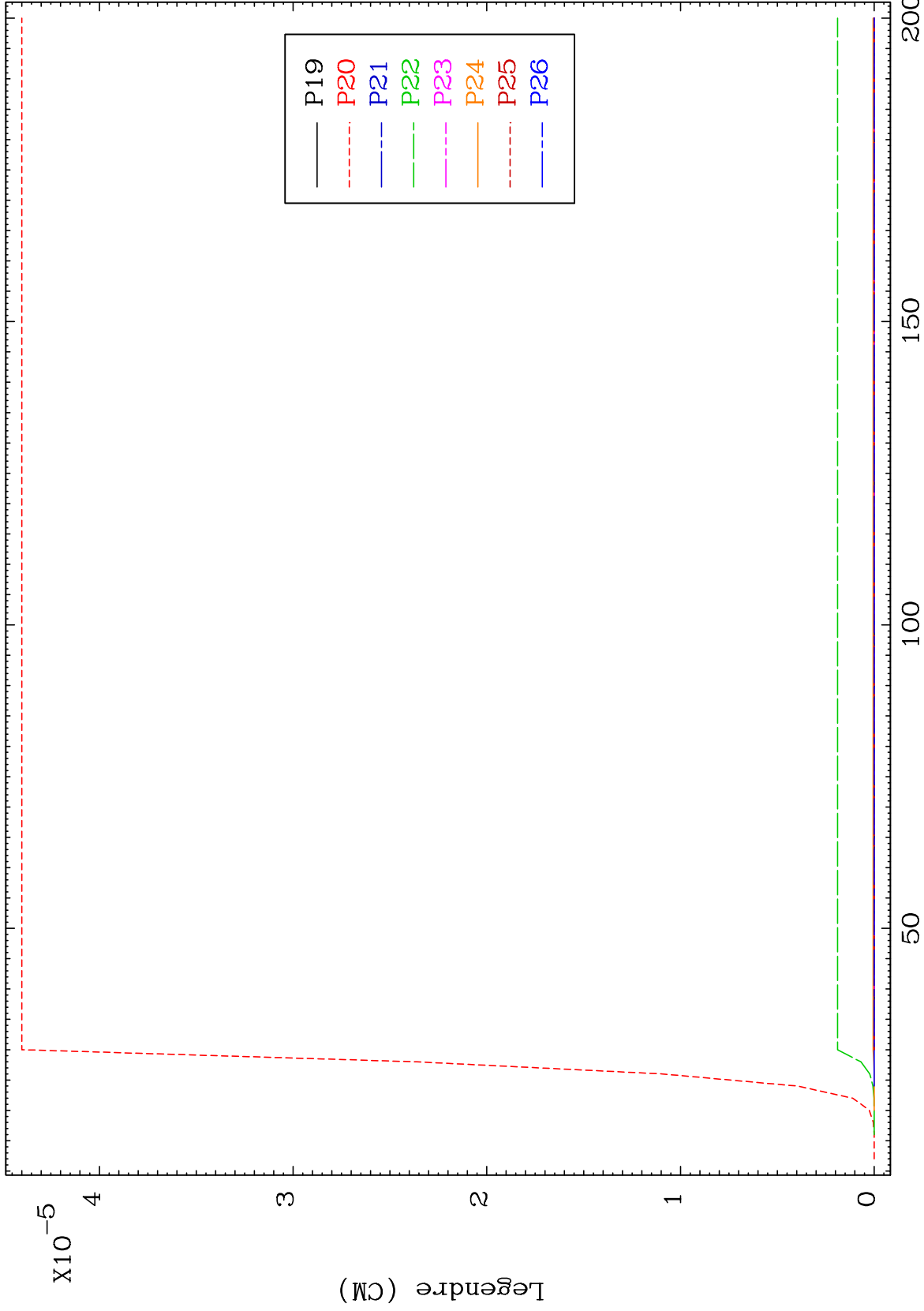
90



MAT 7449

MT= 70 (n,n') Level
Legendre Coefficients

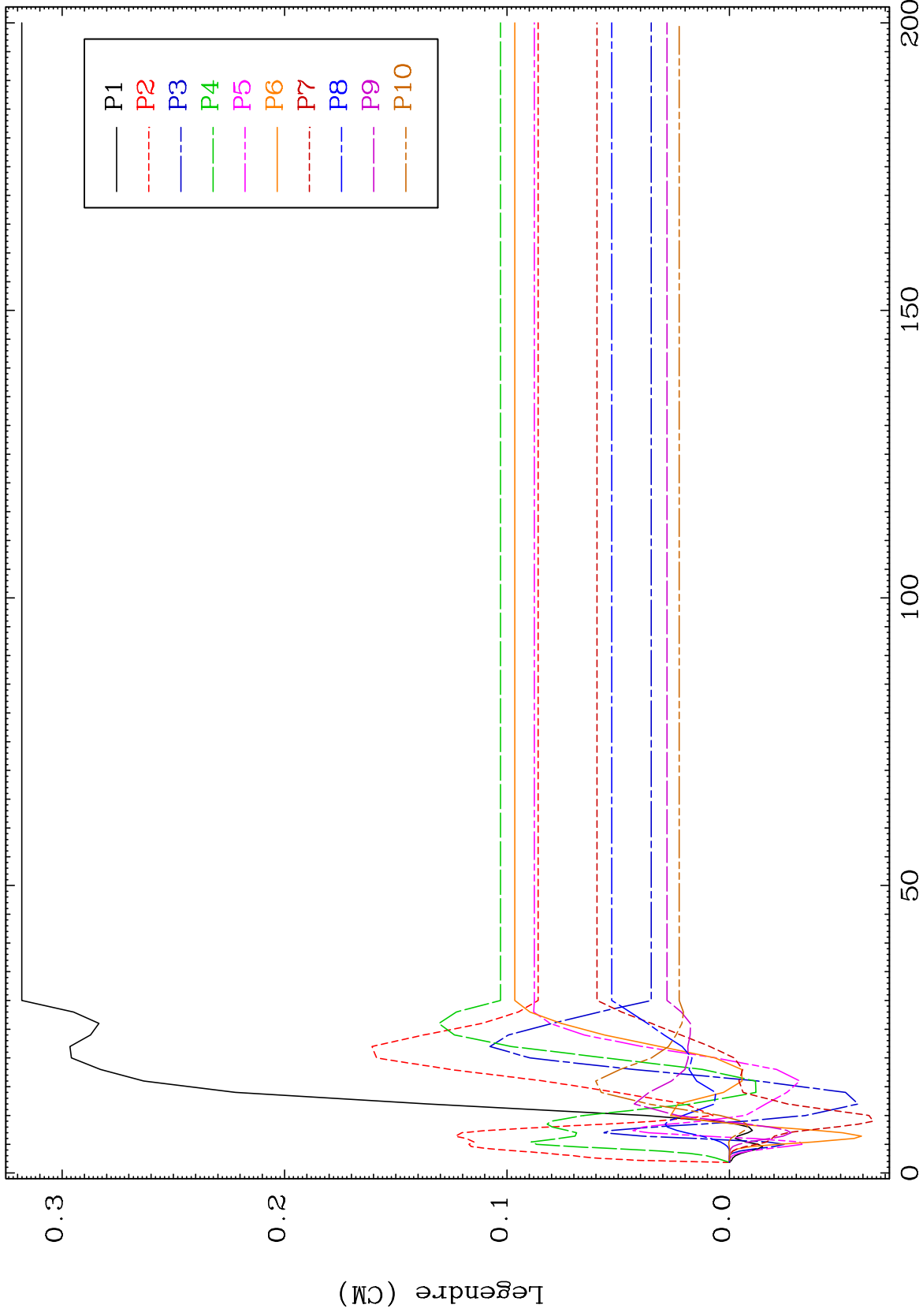
74-W -188



92

Incident Energy (MeV)

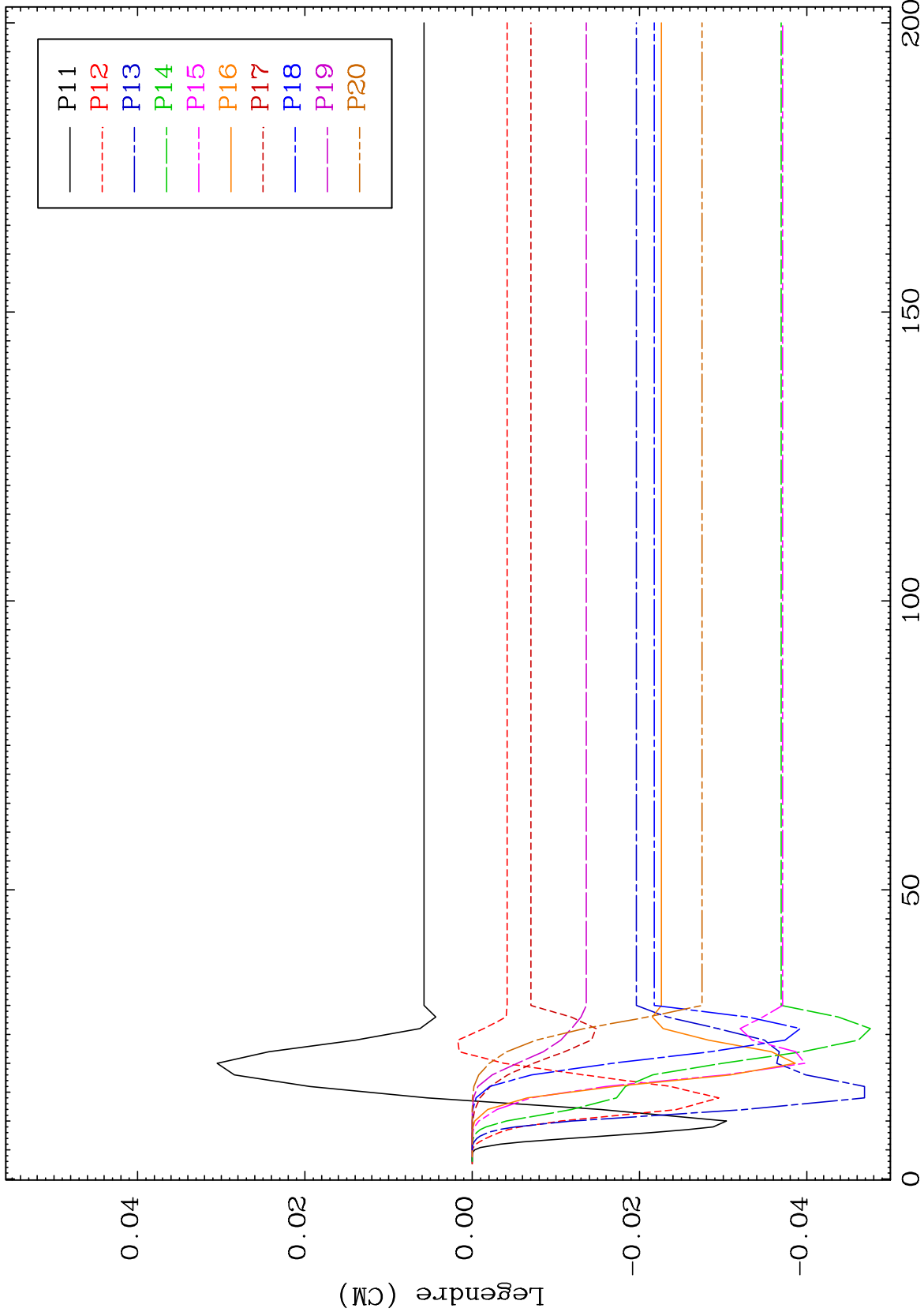
74-W -188



MAT 7449

MT= 71 (n,n') Level
Legendre Coefficients

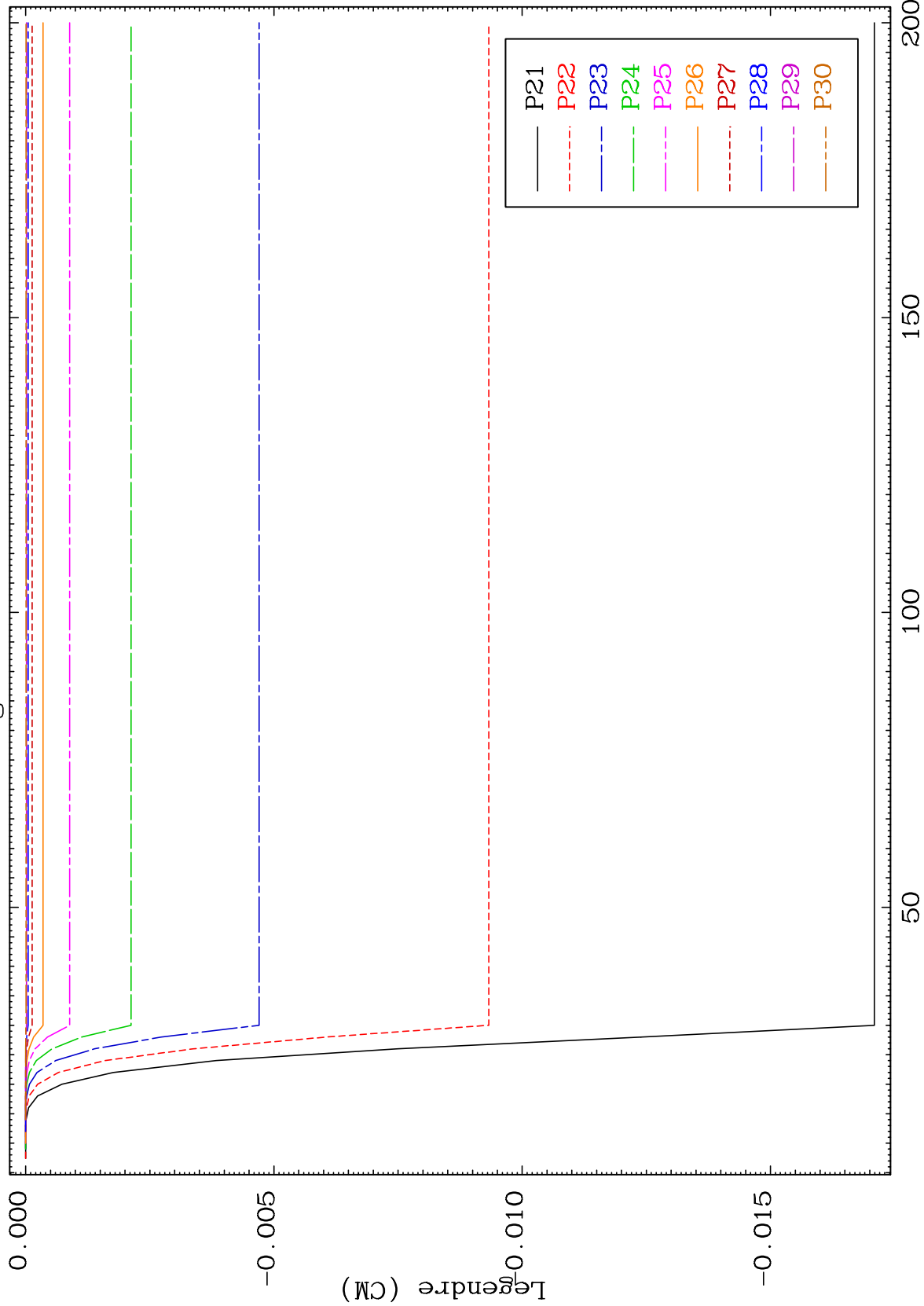
74-W -188



94

Incident Energy (MeV)

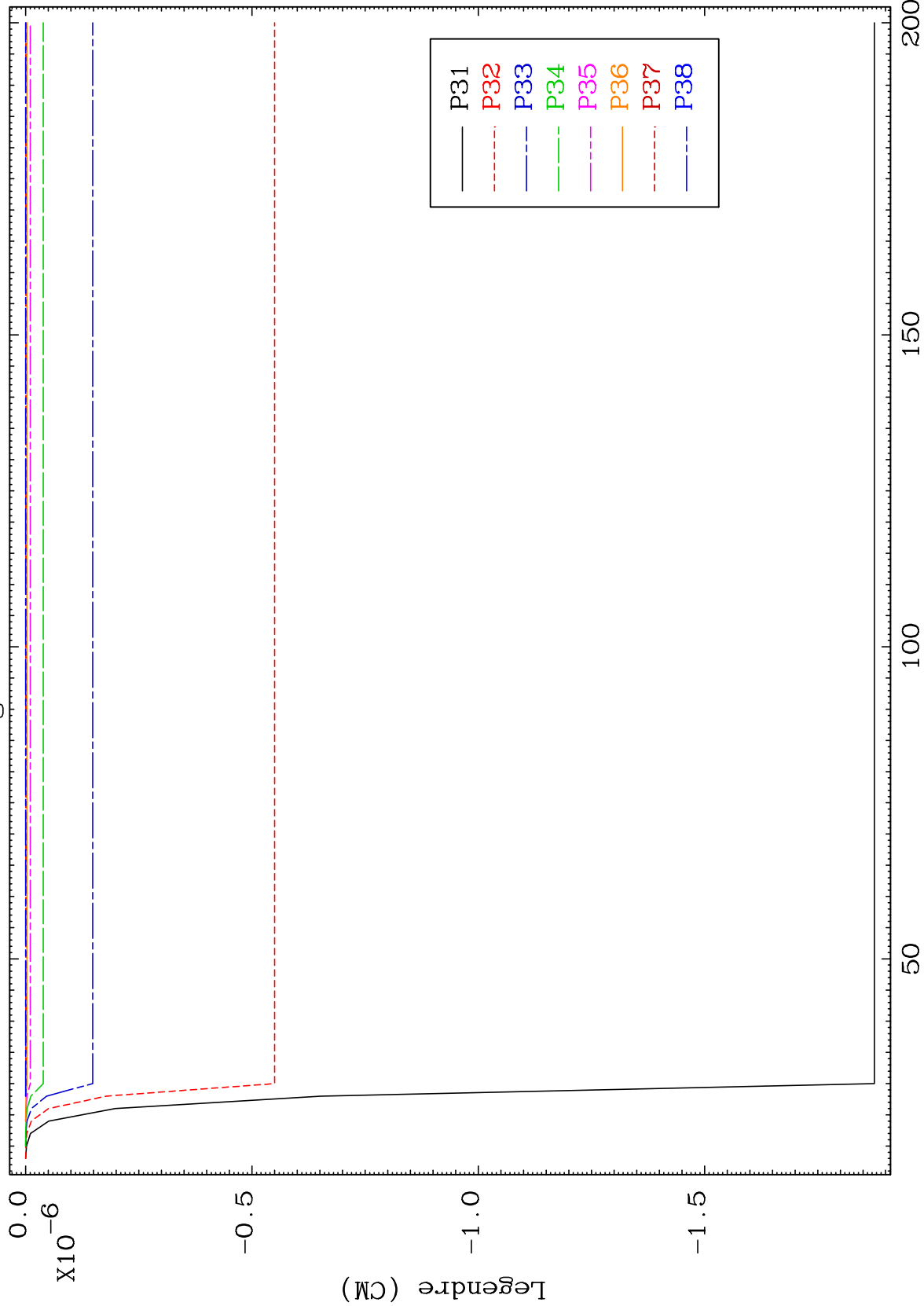
74-W -188



MAT 7449

MT= 71 (n,n') Level
Legendre Coefficients

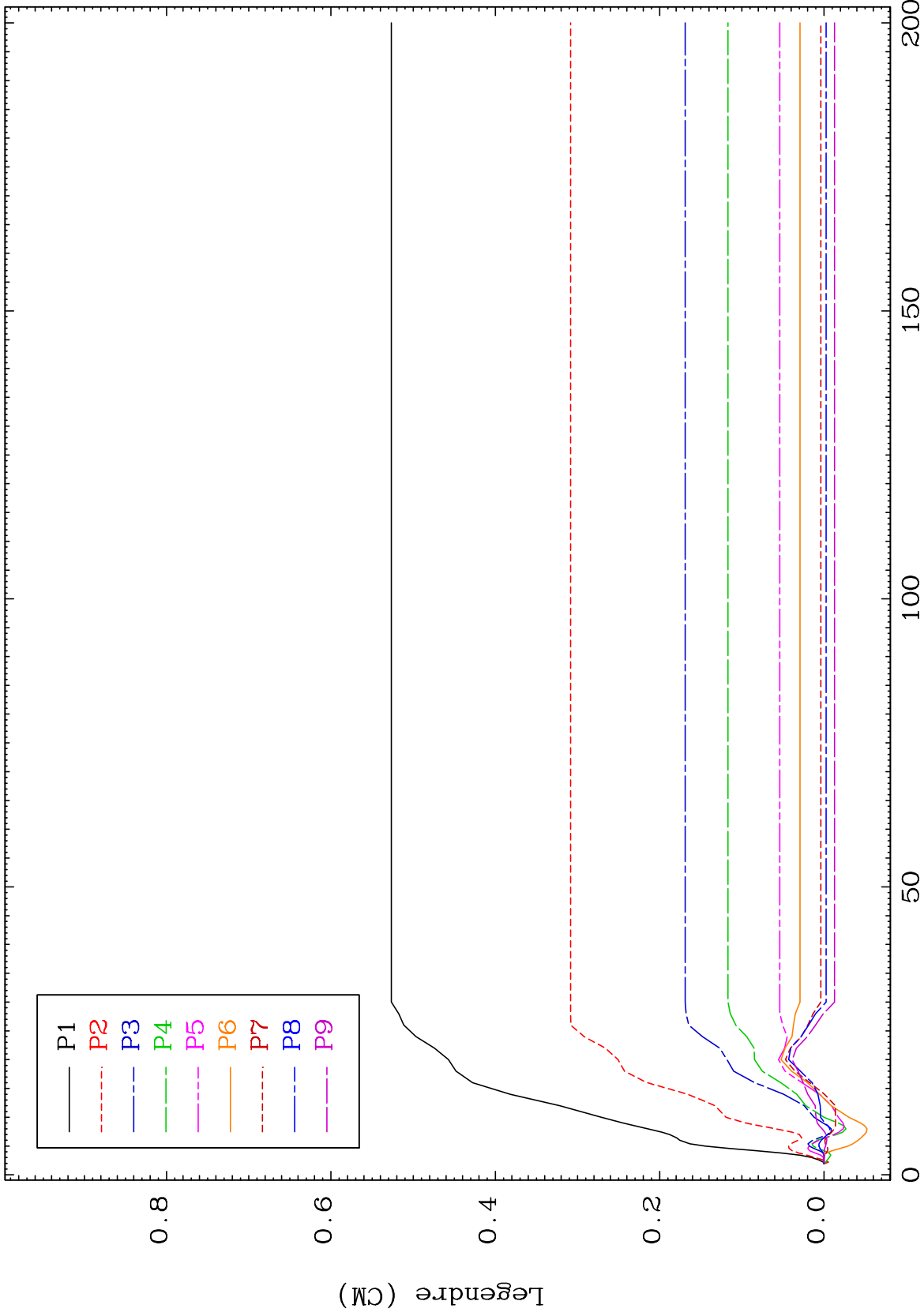
74-W -188



96

Incident Energy (MeV)

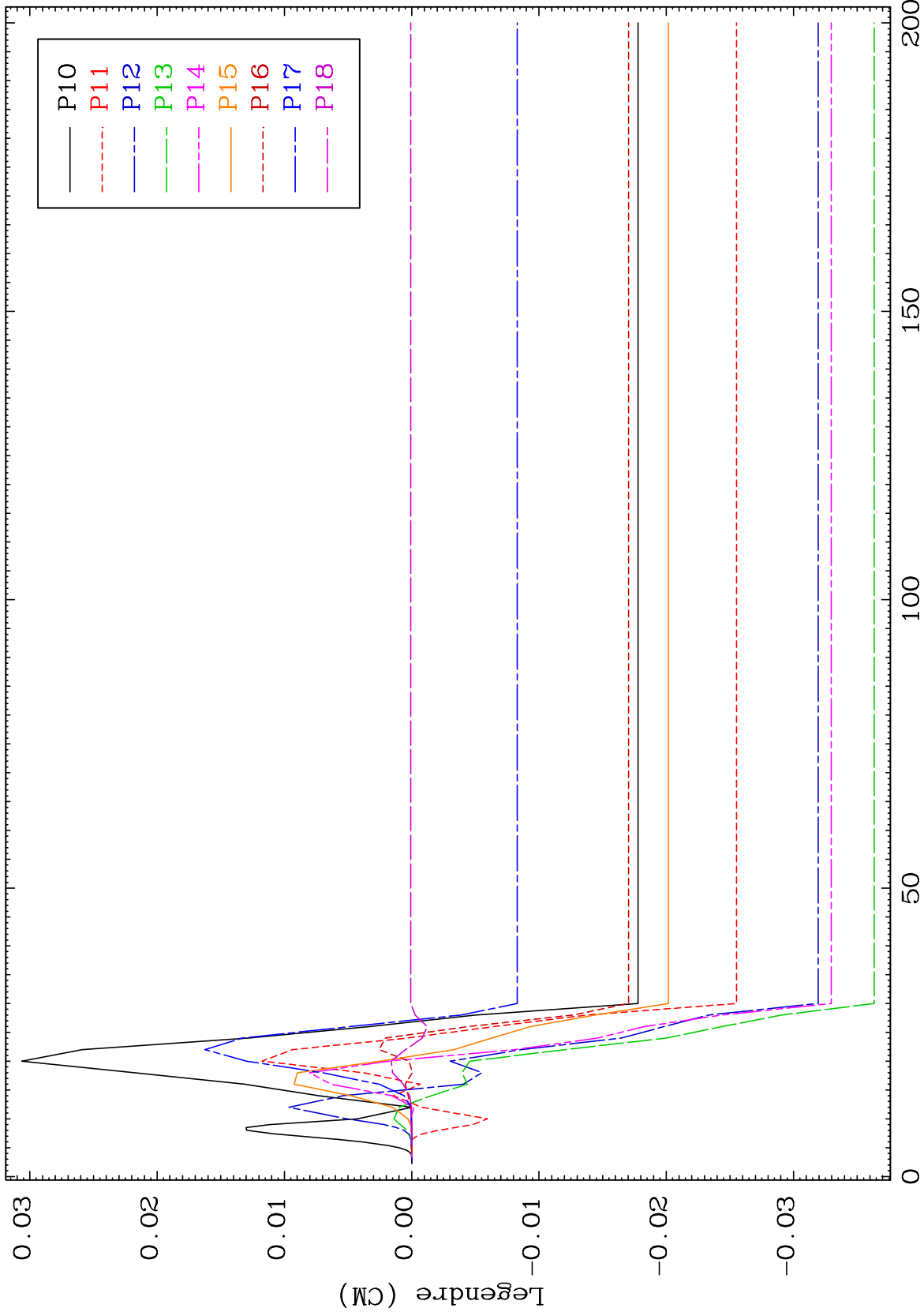
74-W -188



MAT 7449

MT= 72 (n,n') Level
Legendre Coefficients

74-W -188



98

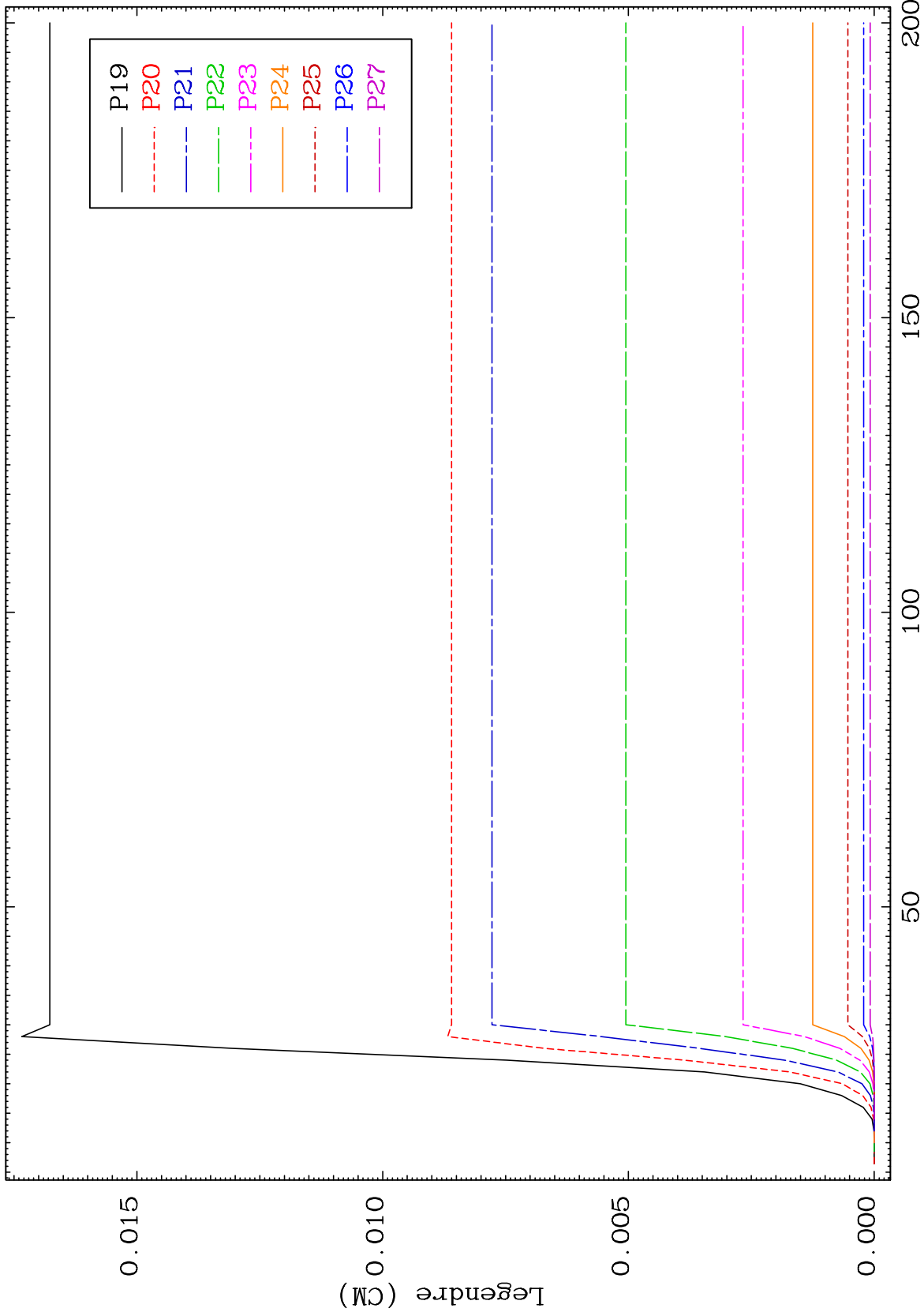
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 72 (n,n') Level
Legendre Coefficients

74-W -188



99

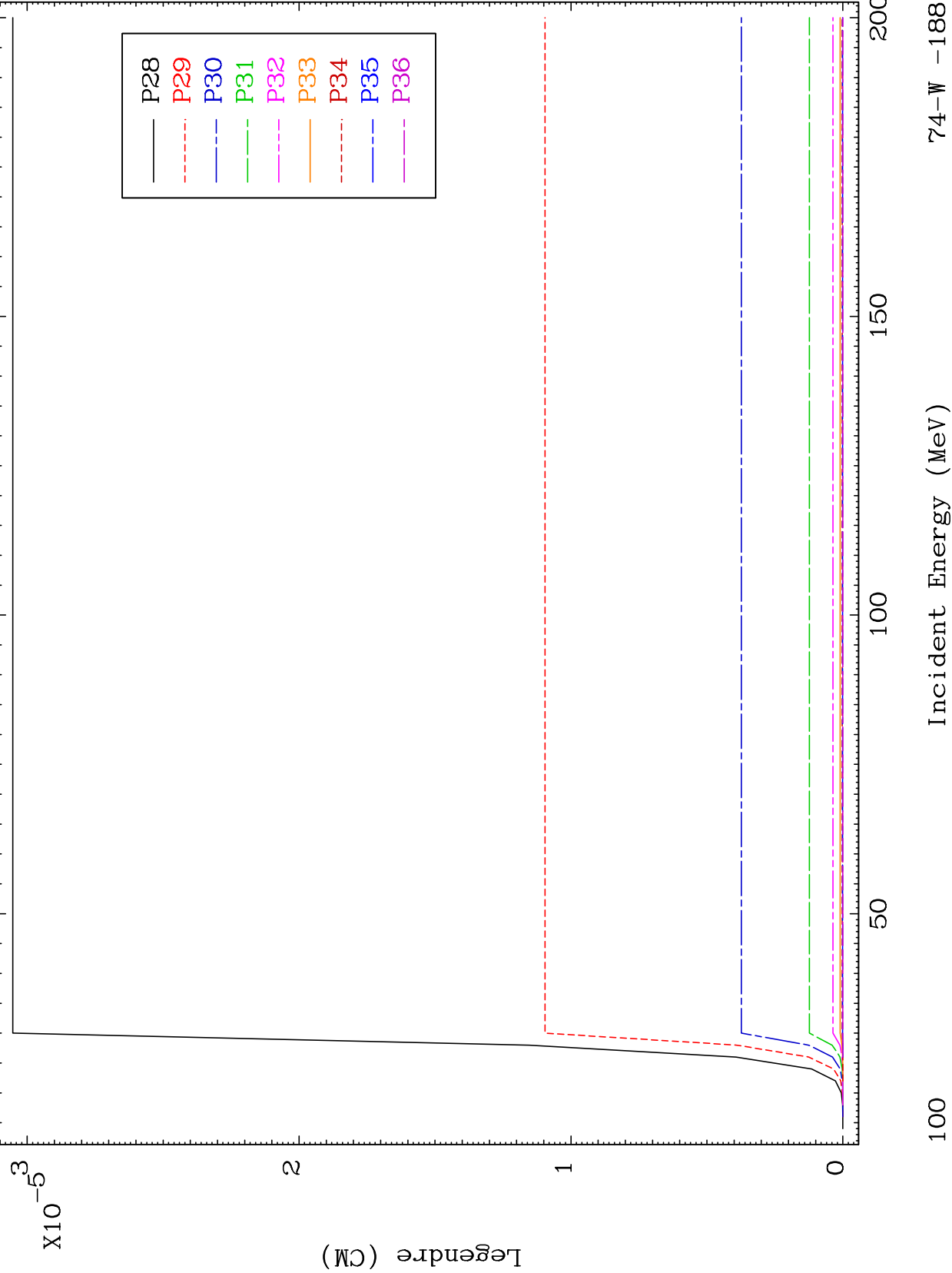
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 72 (n,n') Level
Legendre Coefficients

74-W -188



100

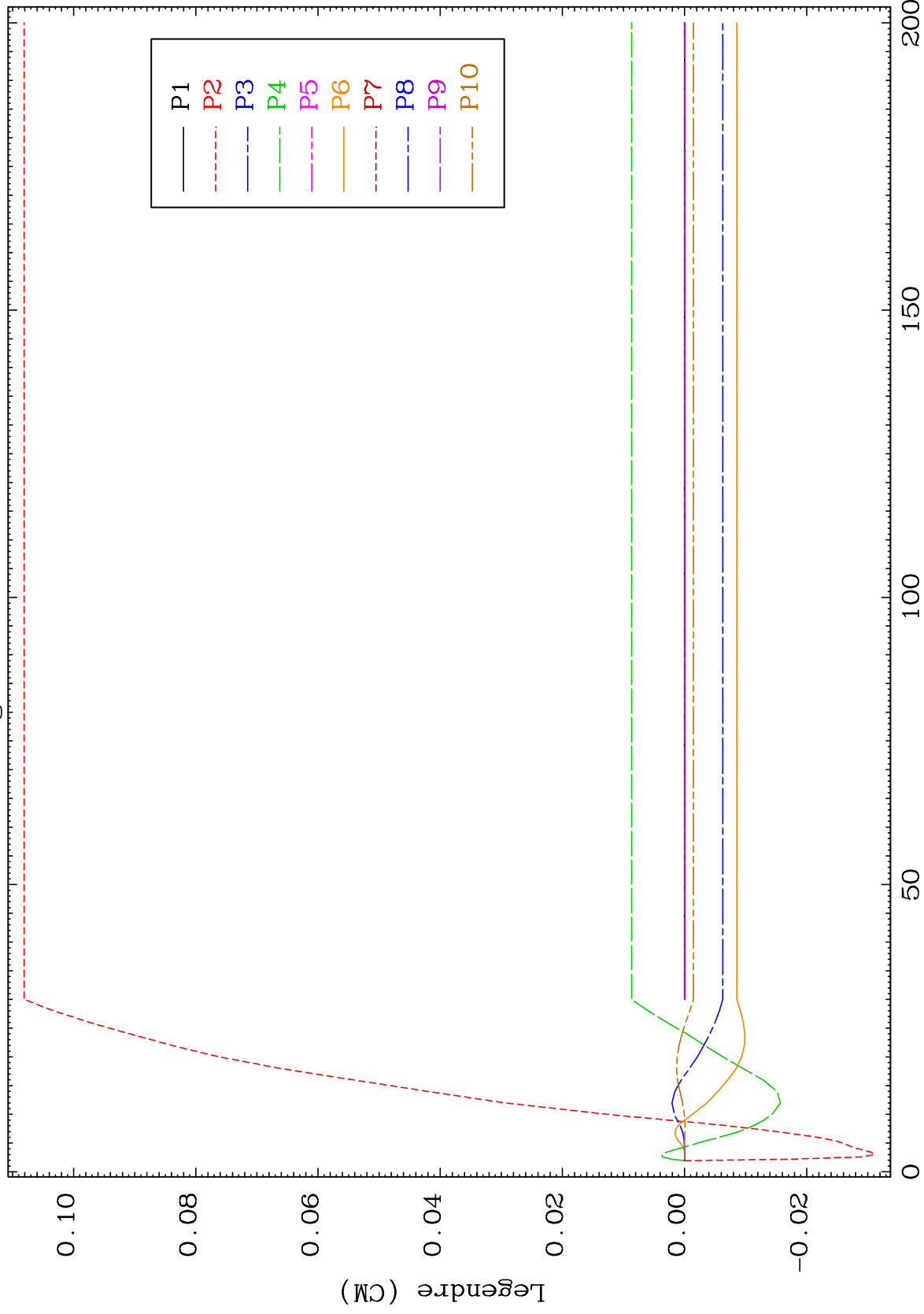
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 73 (n,n') Level
Legendre Coefficients

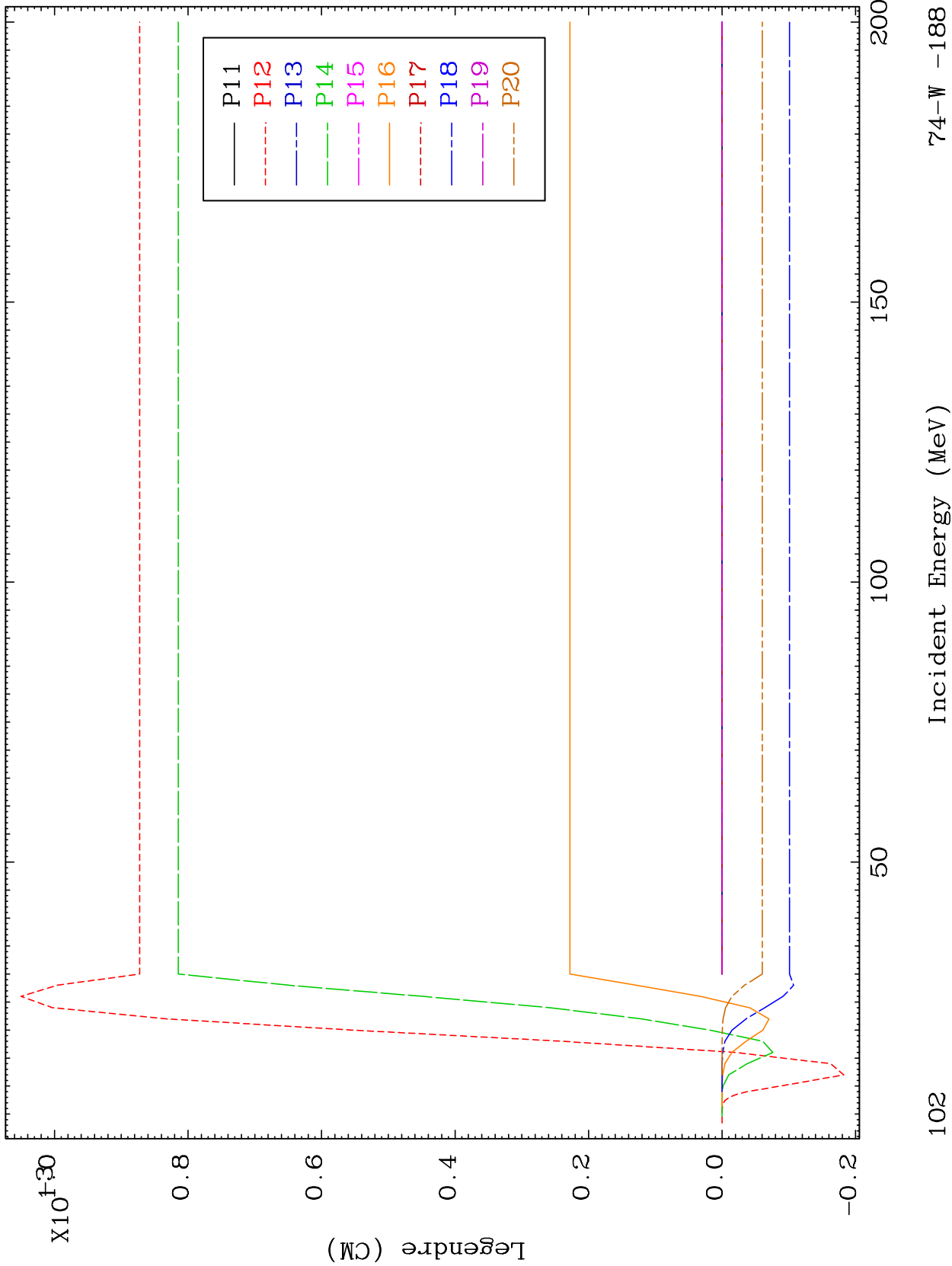
74-W -188

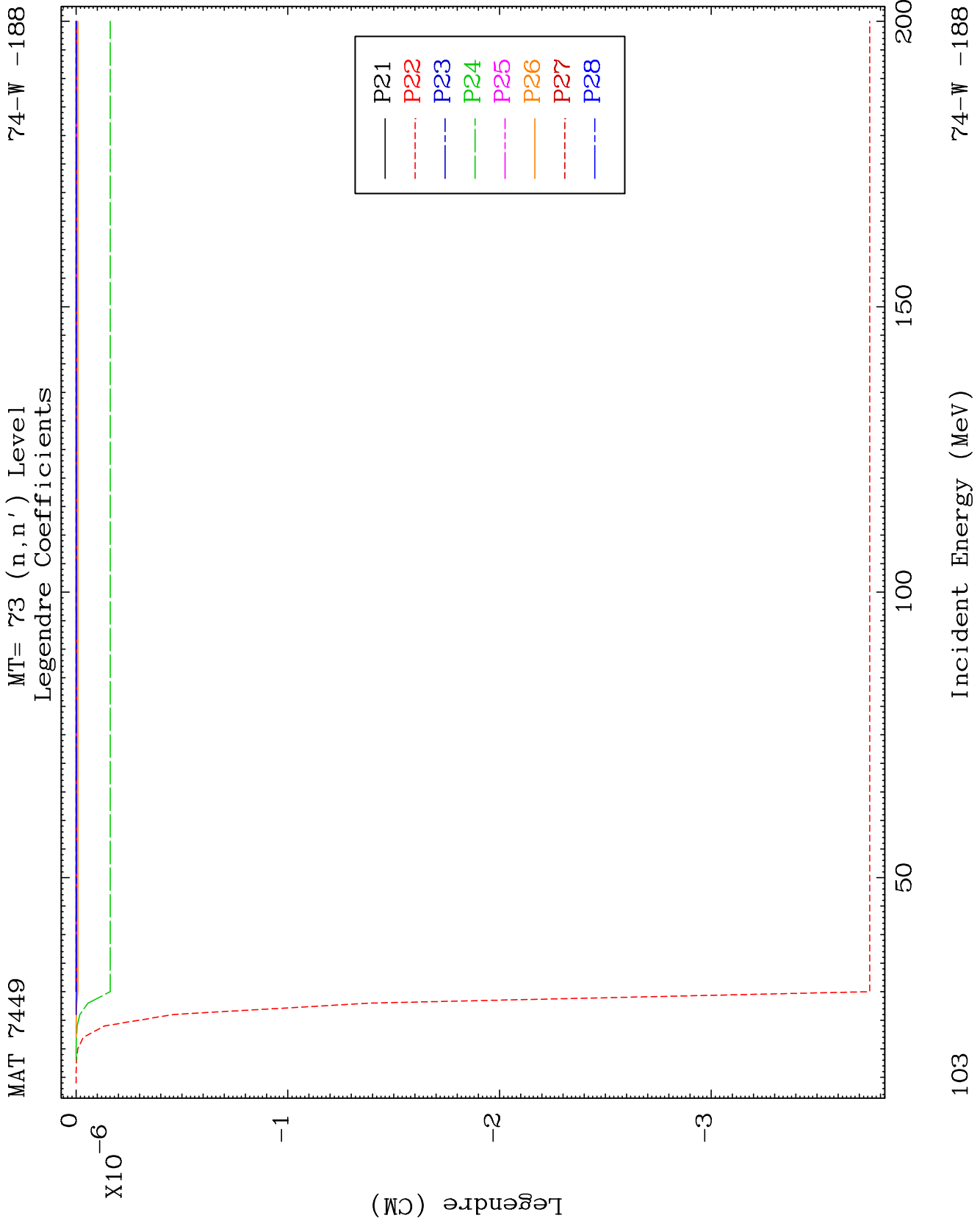


101

Incident Energy (MeV)

74-W -188

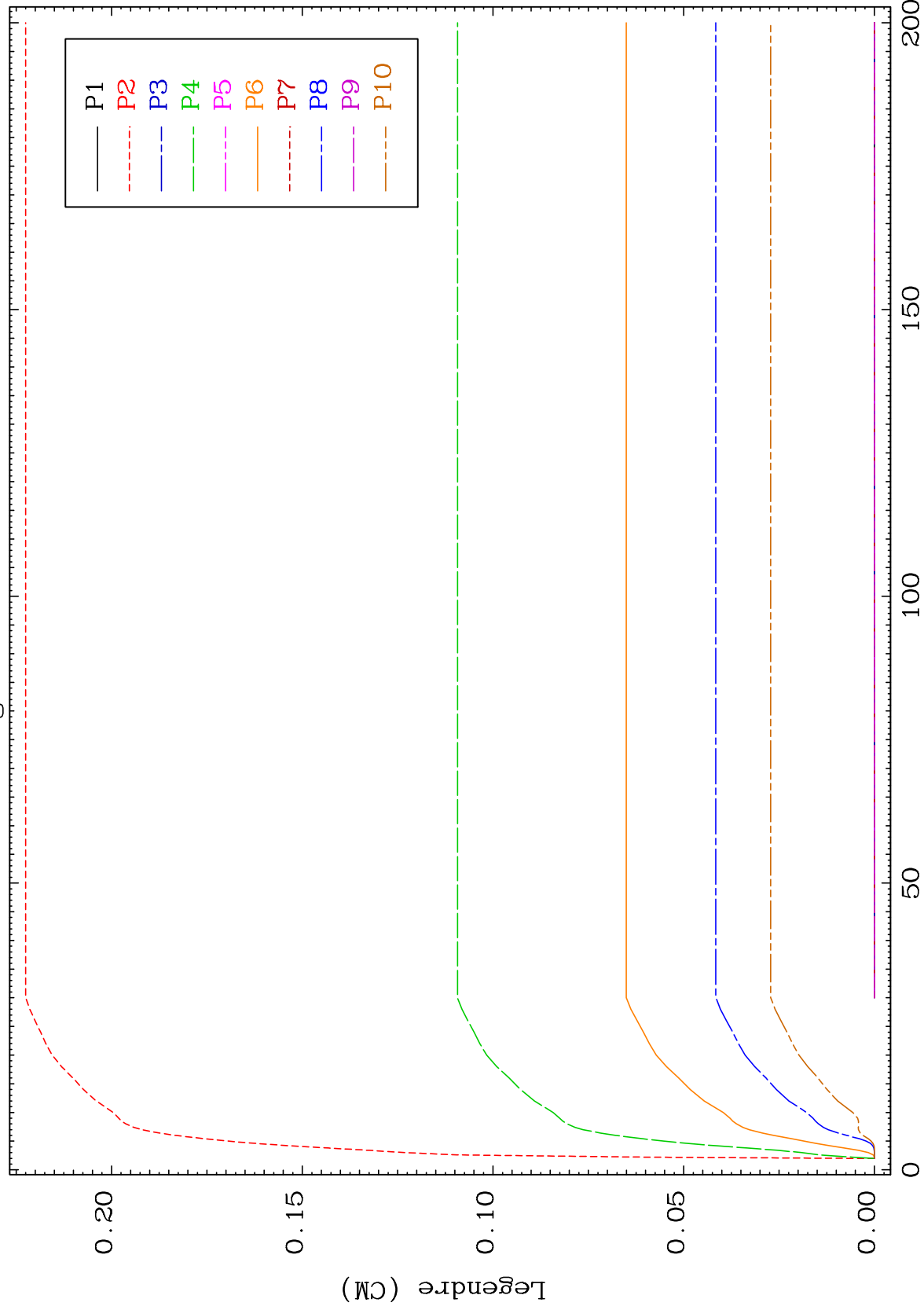




MAT 7449

MT= 74 (n,n') Level
Legendre Coefficients

74-W -188



104

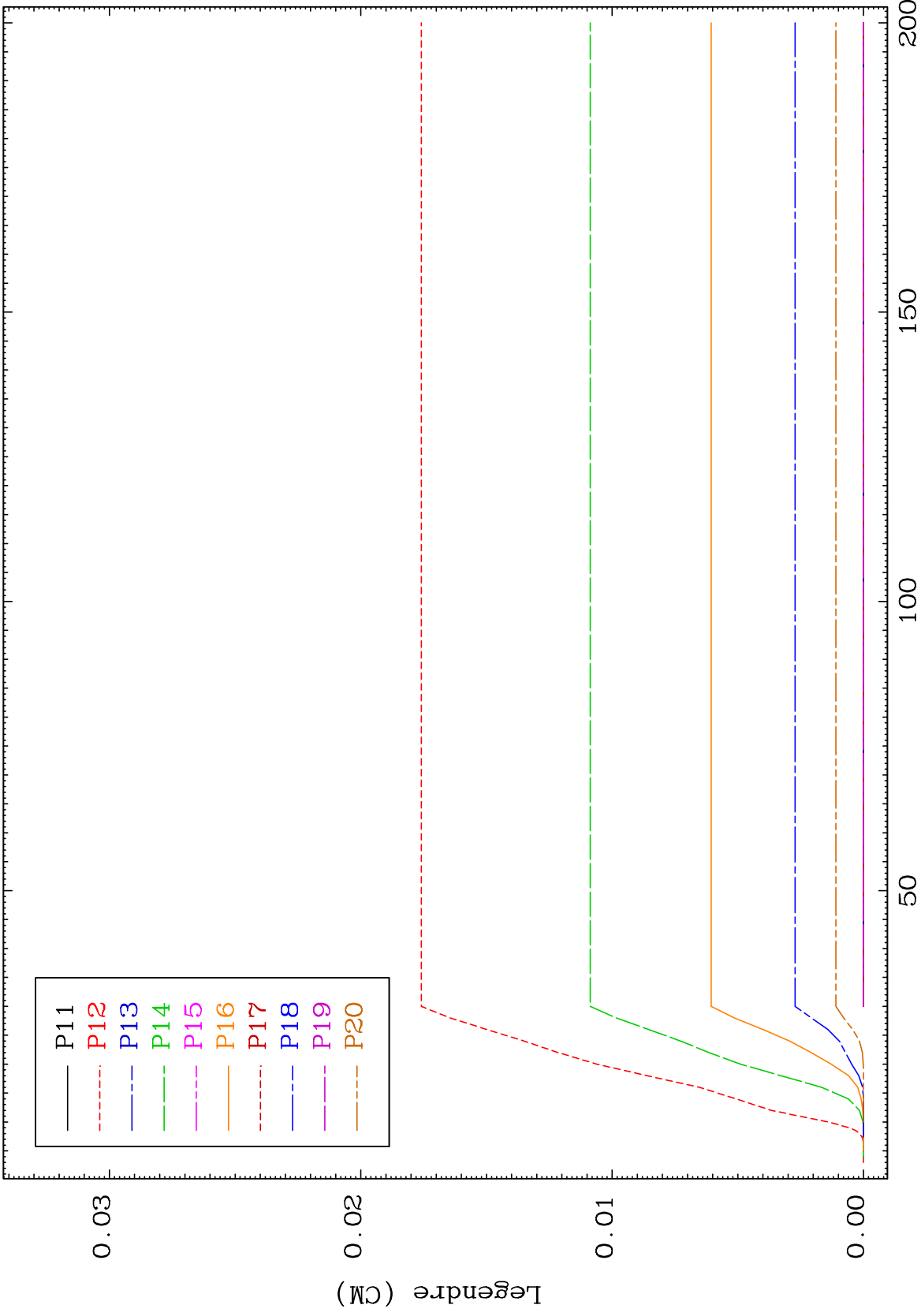
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 74 (n,n') Level
Legendre Coefficients

74-W -188



105

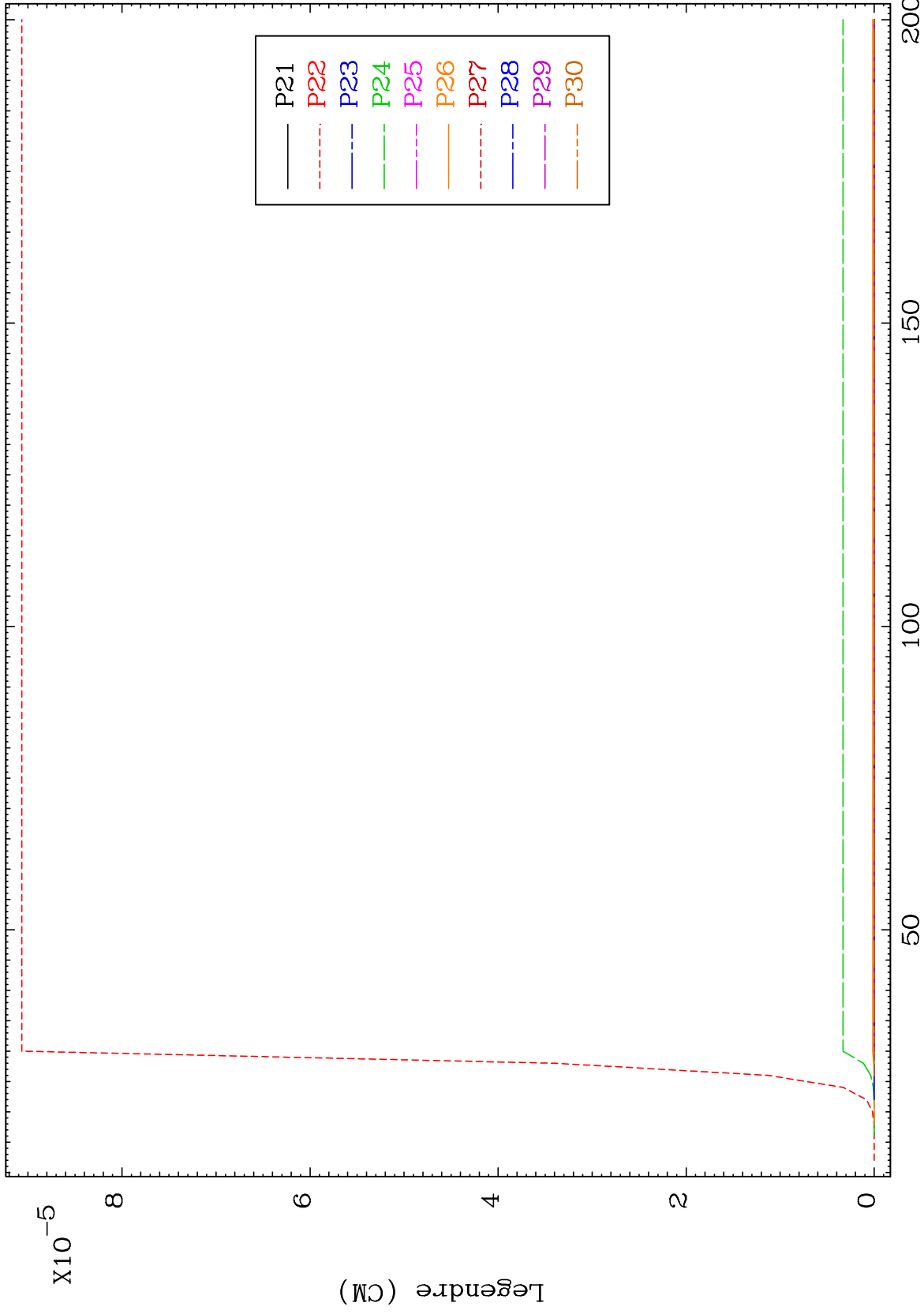
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 74 (n,n') Level
Legendre Coefficients

74-W -188



106

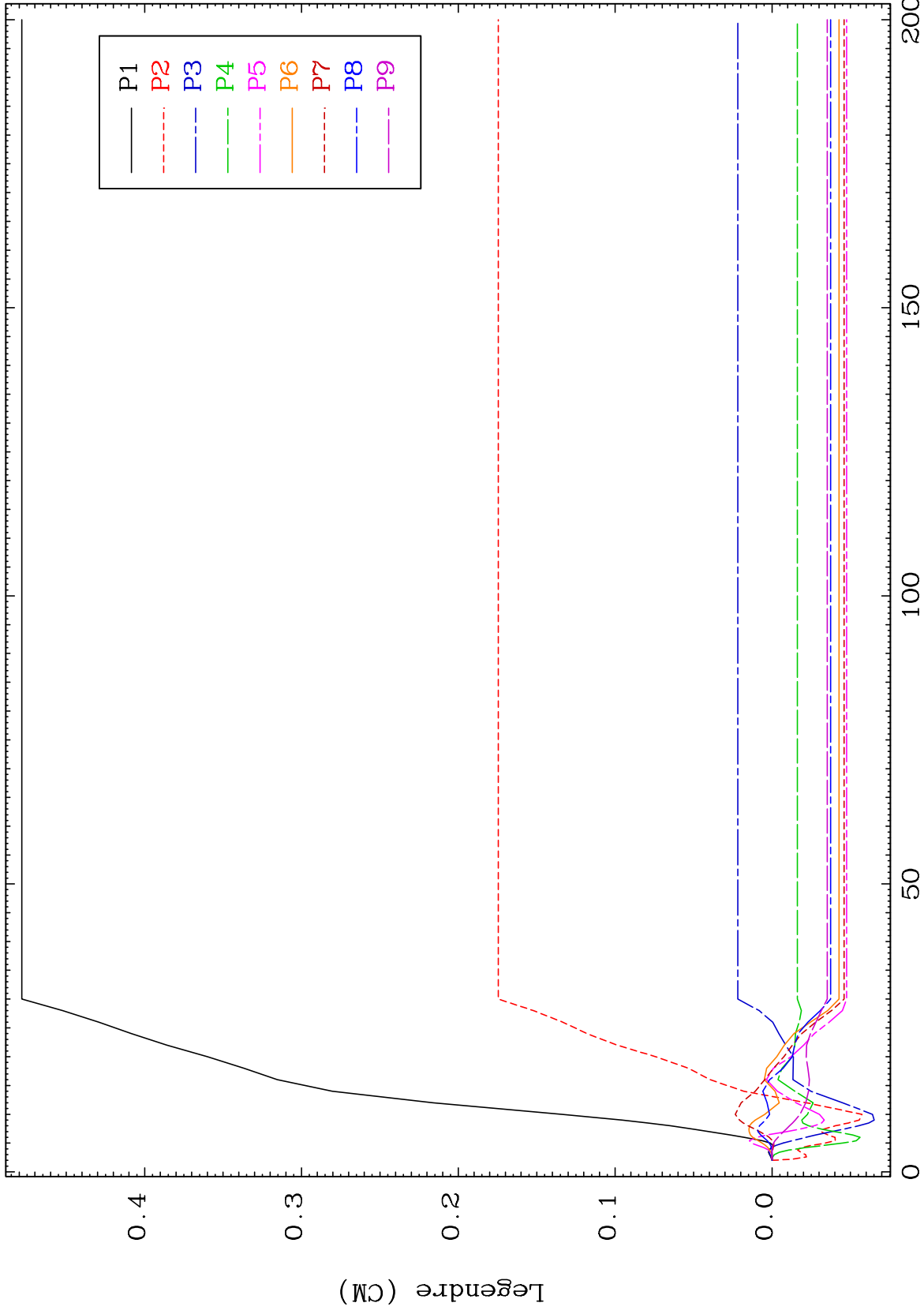
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 75 (n,n') Level
Legendre Coefficients

74-W -188



107

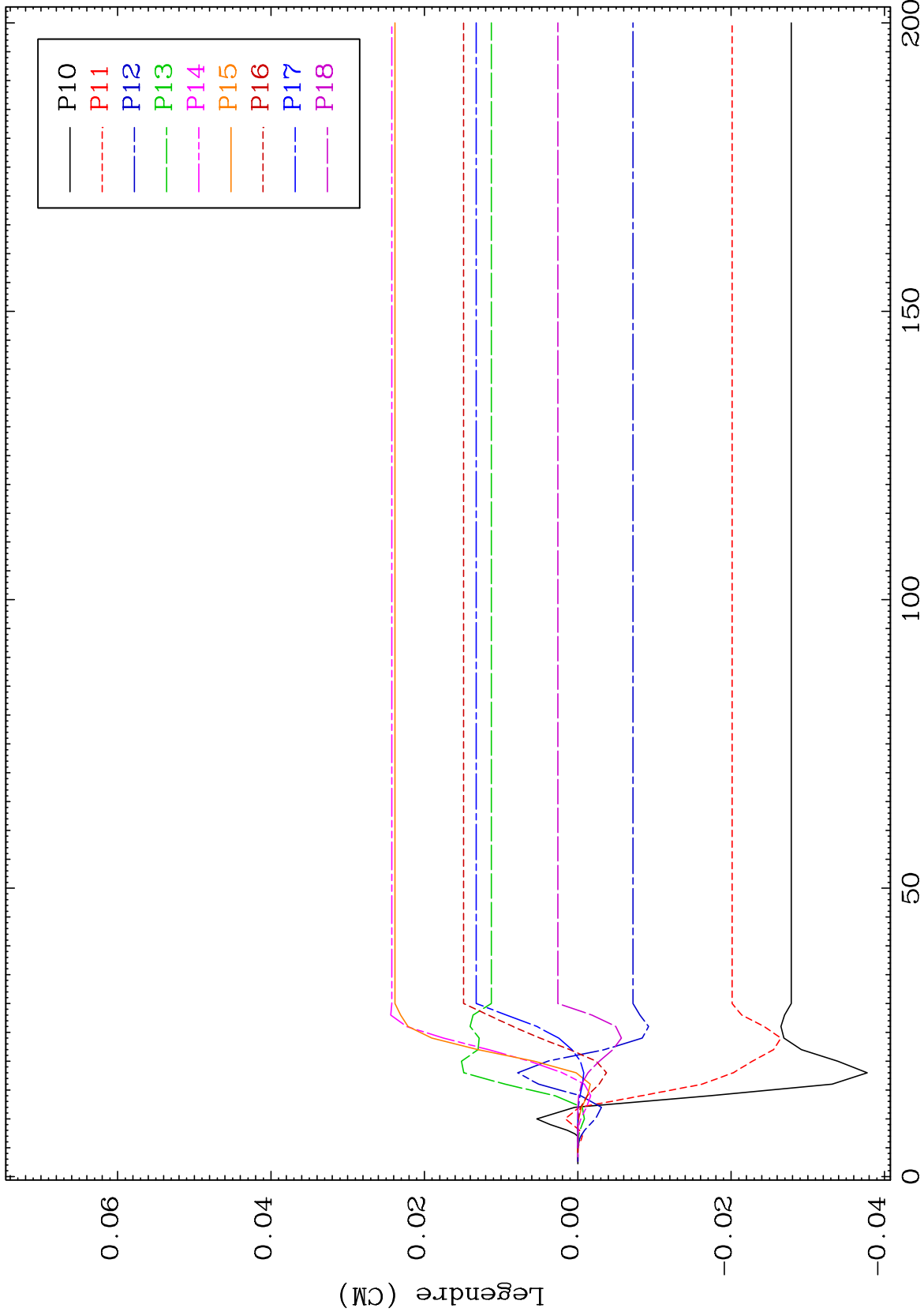
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 75 (n,n') Level
Legendre Coefficients

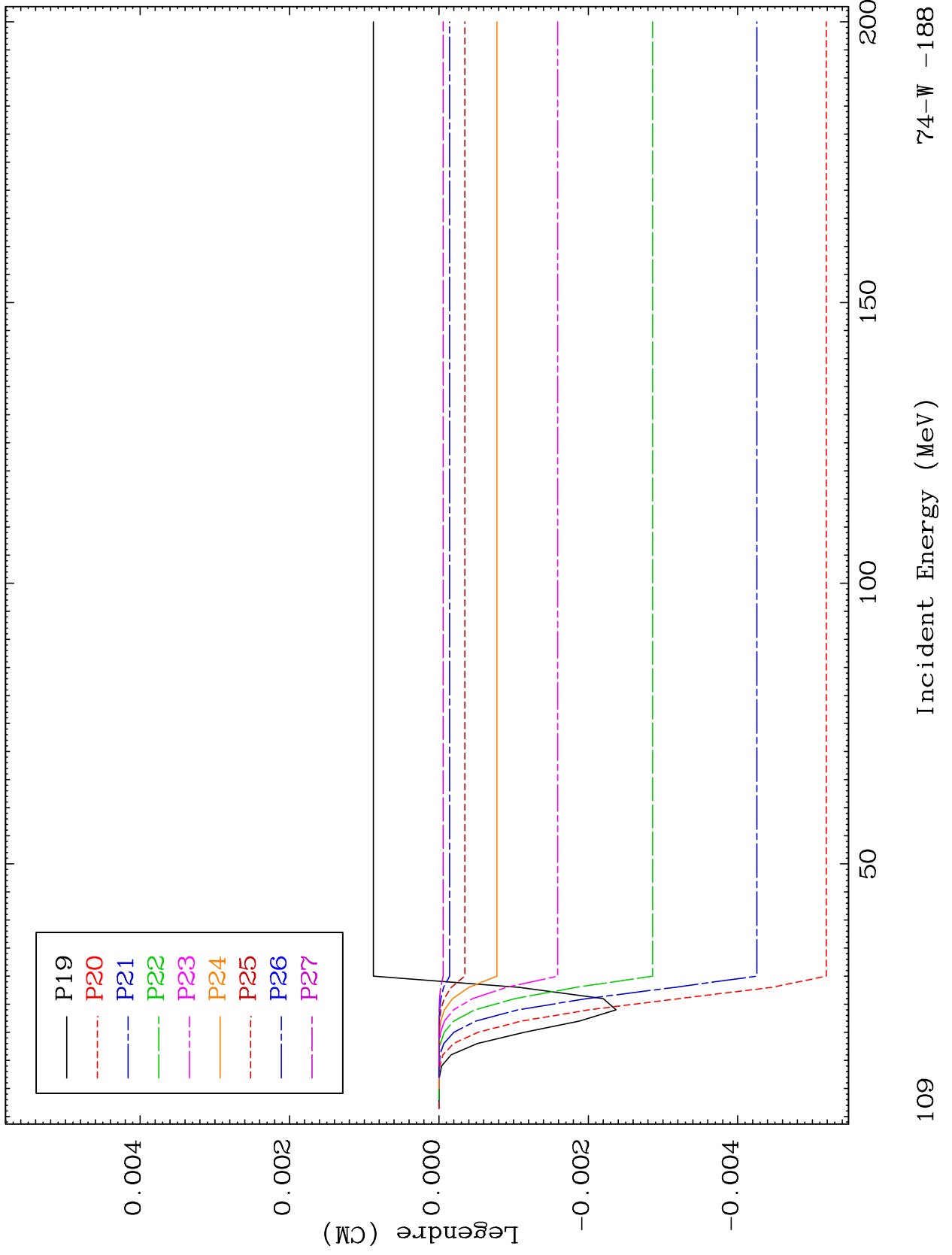
74-W -188



108

Incident Energy (MeV)

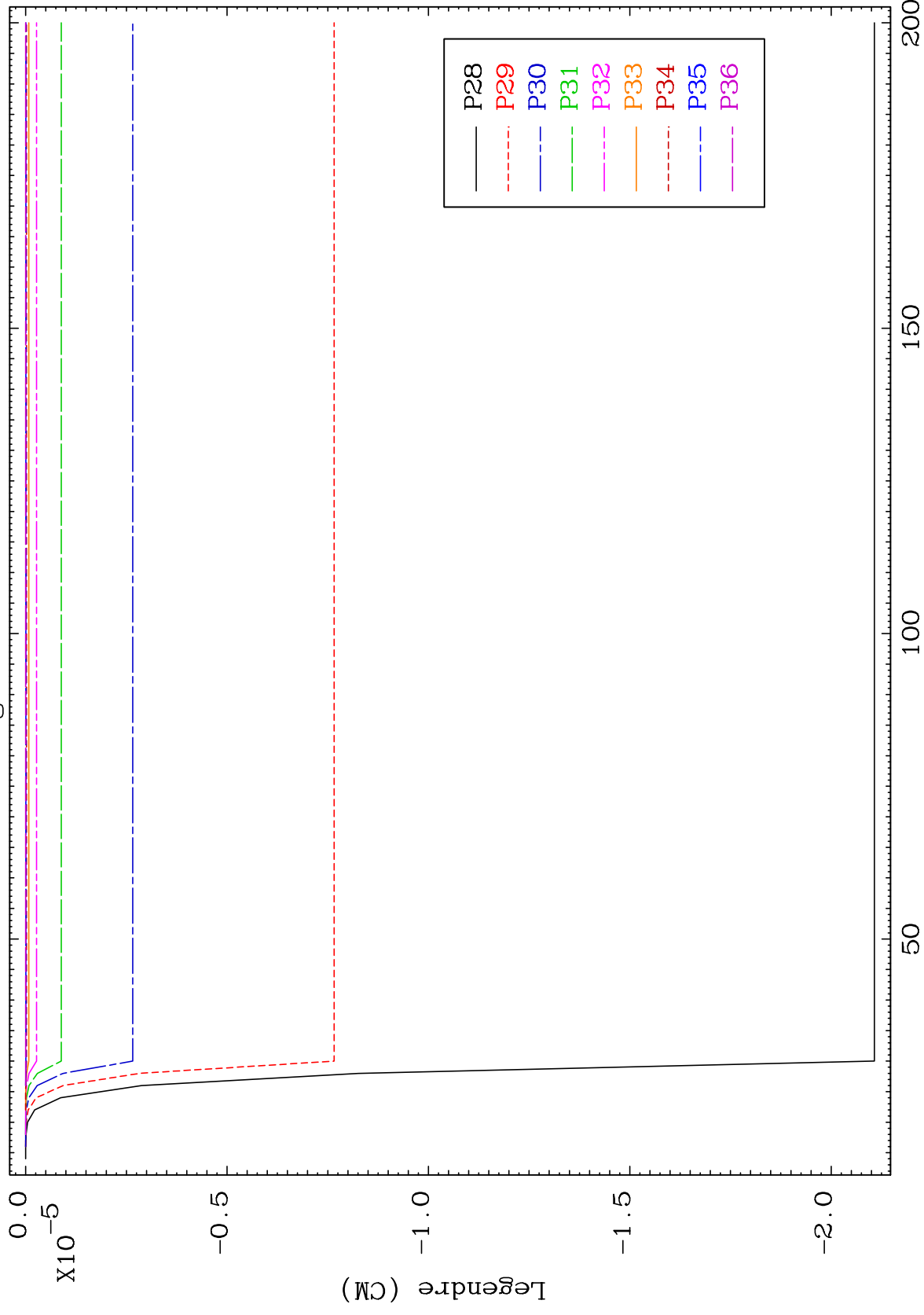
74-W -188



MAT 7449

MT= 75 (n,n') Level
Legendre Coefficients

74-W -188



110

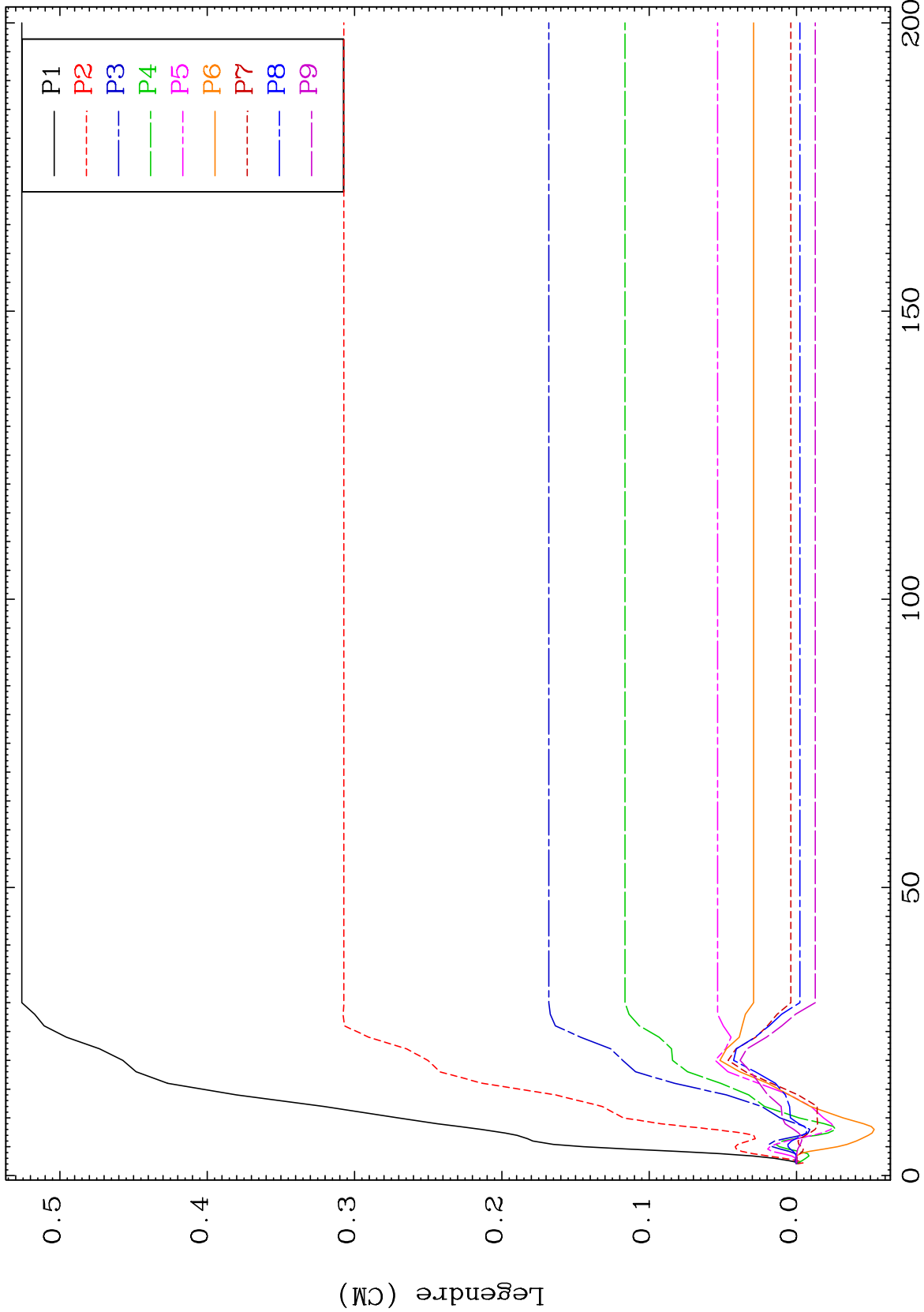
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 76 (n,n') Level
Legendre Coefficients

74-W -188



111

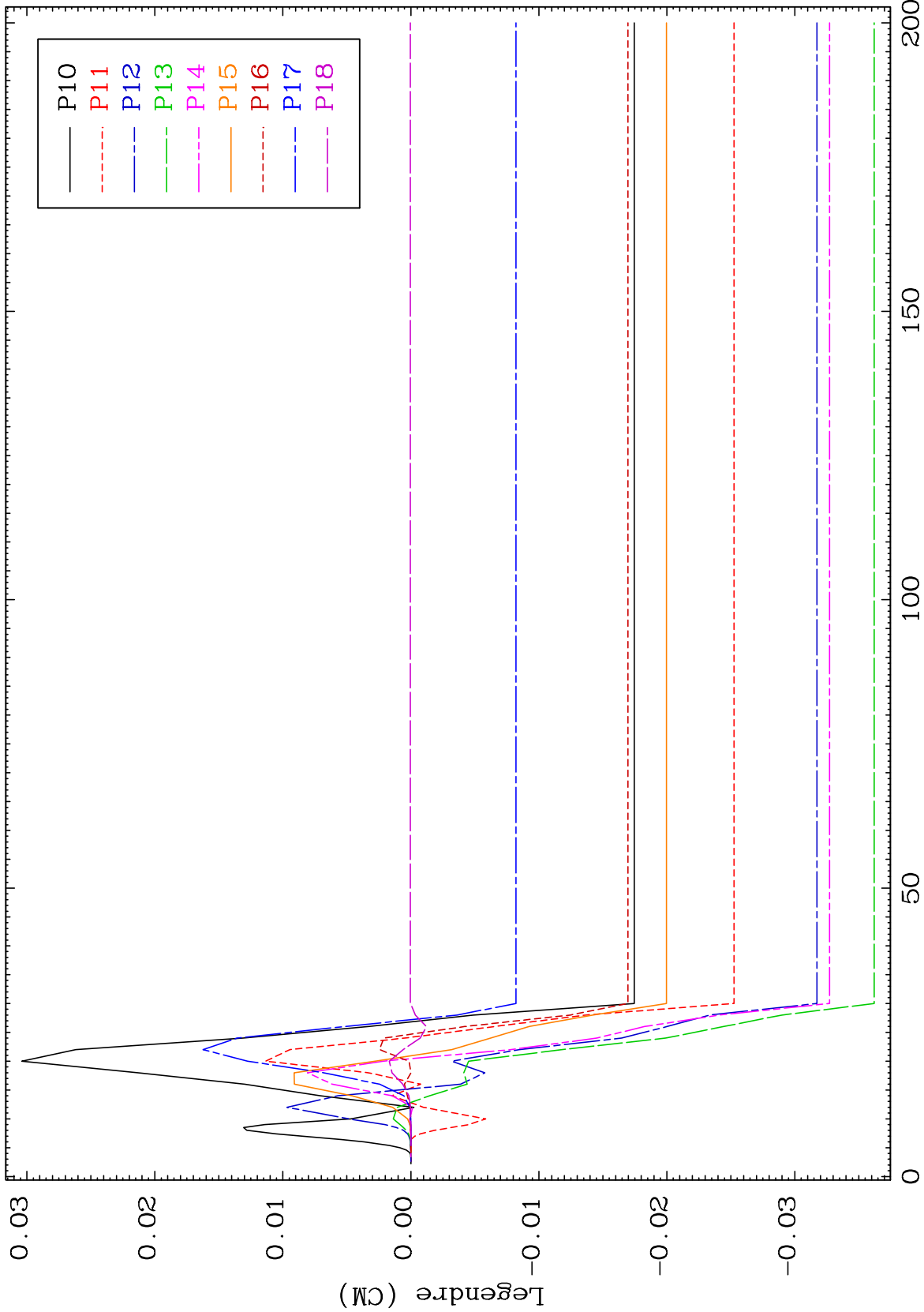
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 76 (n,n') Level
Legendre Coefficients

74-W -188



112

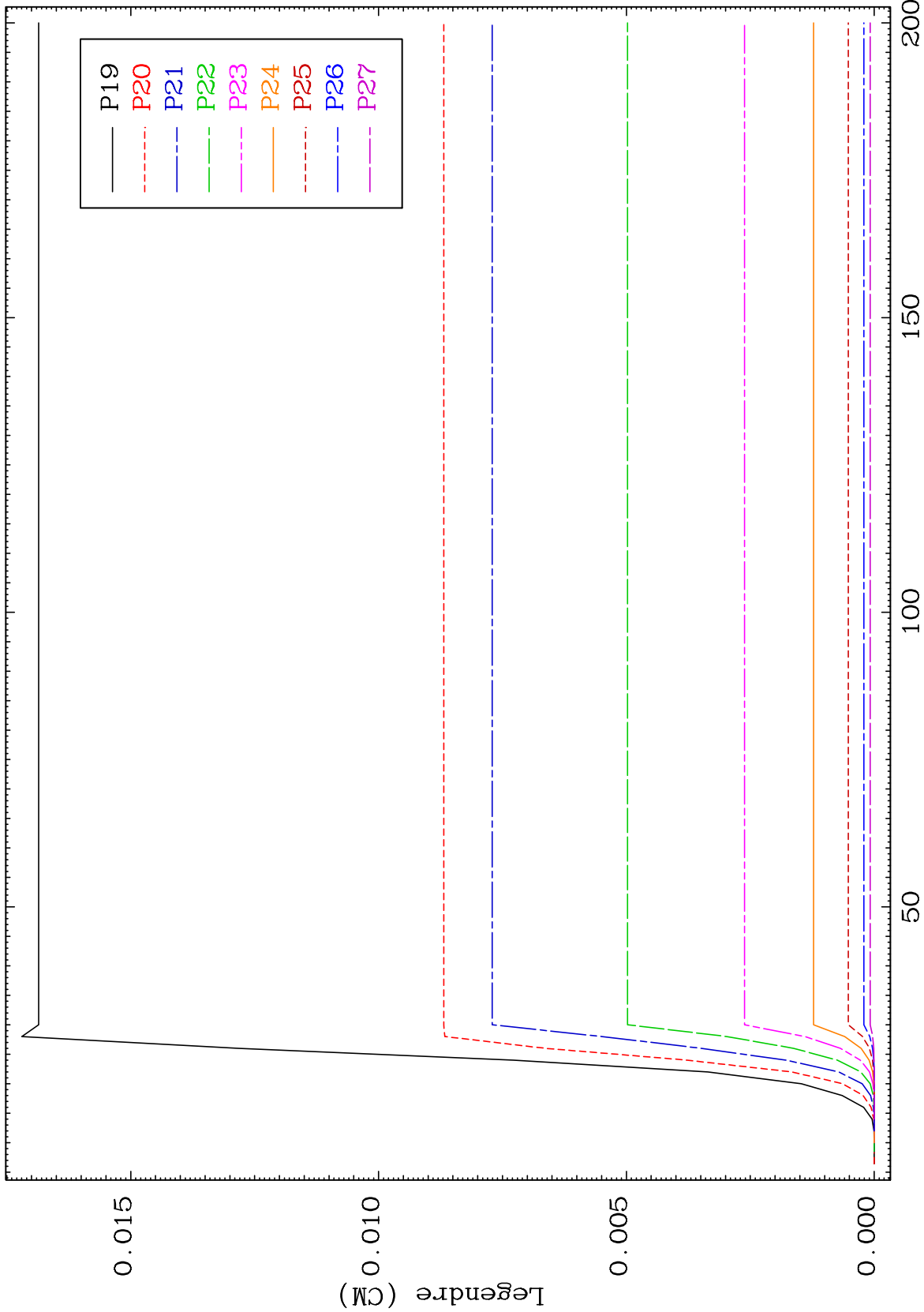
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 76 (n,n') Level
Legendre Coefficients

74-W -188



113

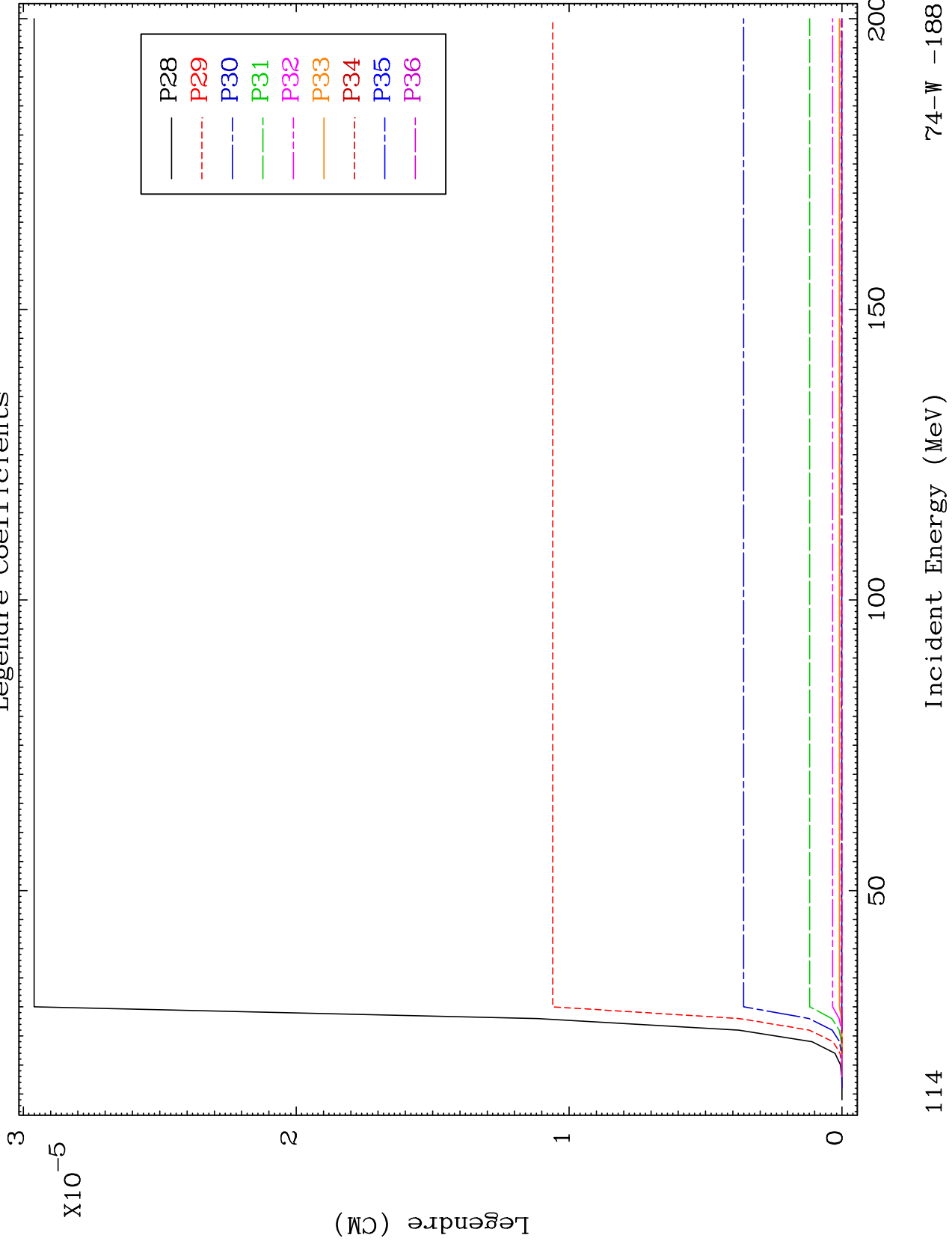
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 76 (n,n') Level
Legendre Coefficients

74-W -188



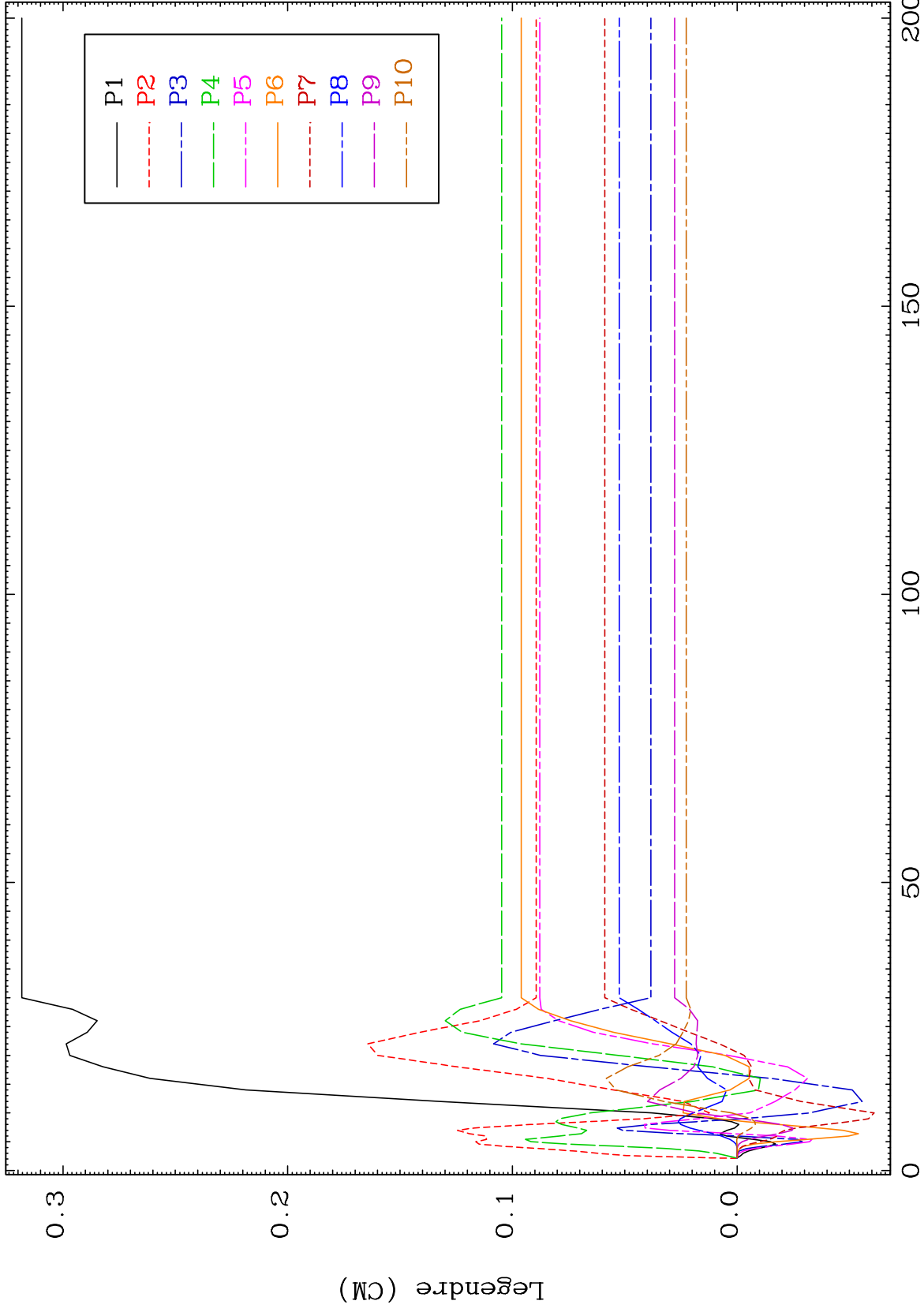
114

74-W -188

MAT 7449

MT= 77 (n,n') Level
Legendre Coefficients

74-W -188



115

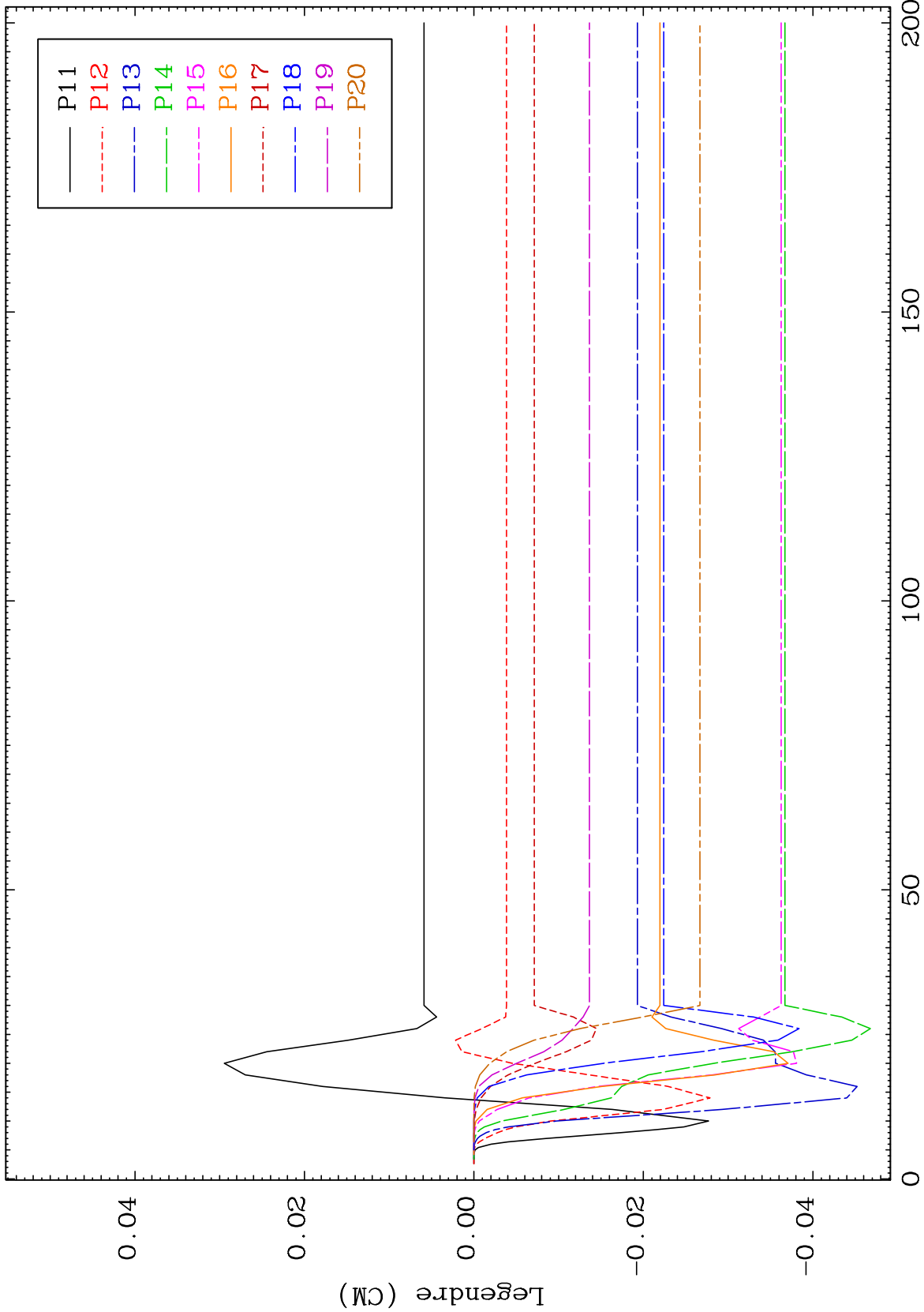
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 77 (n,n') Level
Legendre Coefficients

74-W -188



116

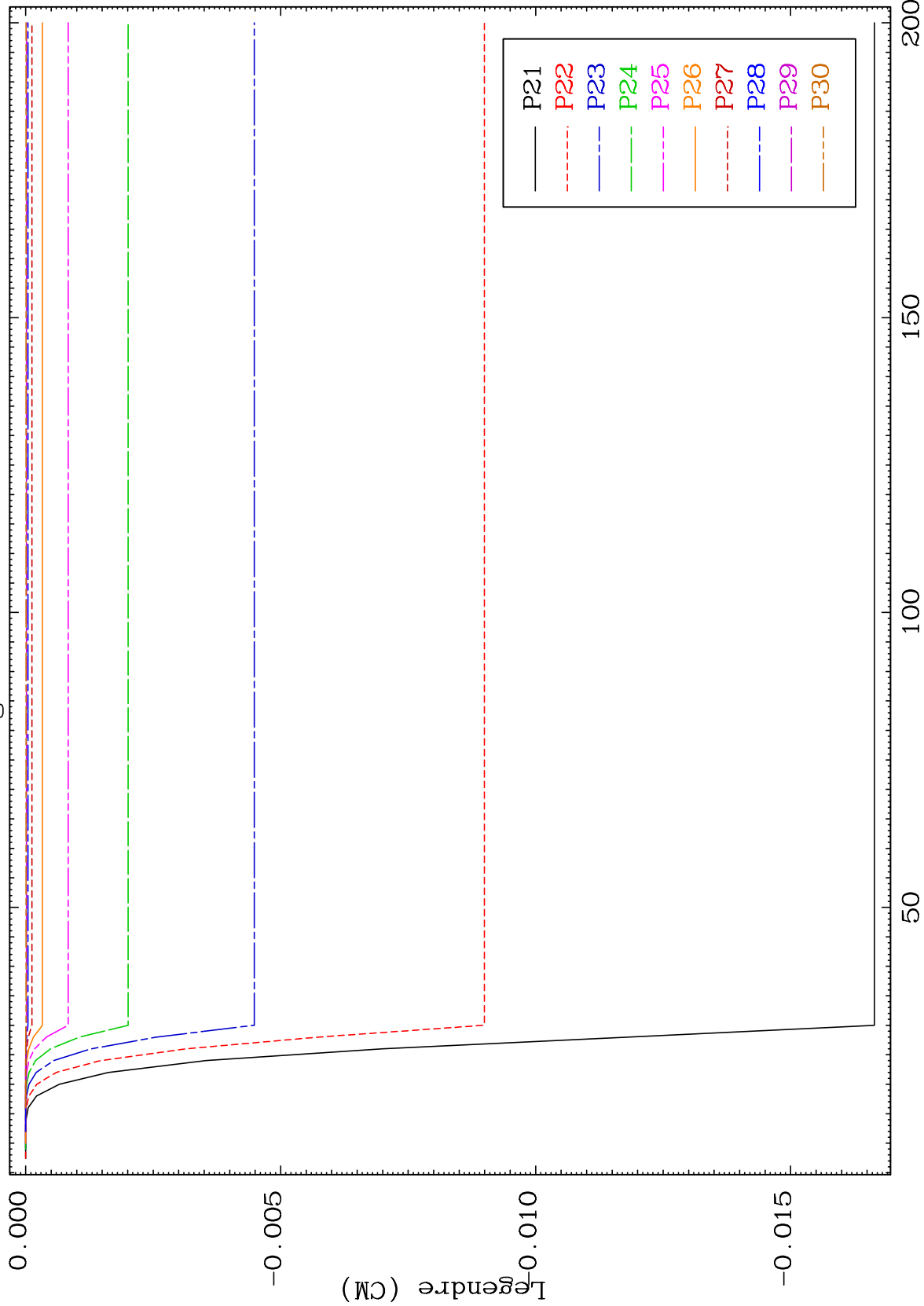
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 77 (n,n') Level
Legendre Coefficients

74-W -188



74-W -188

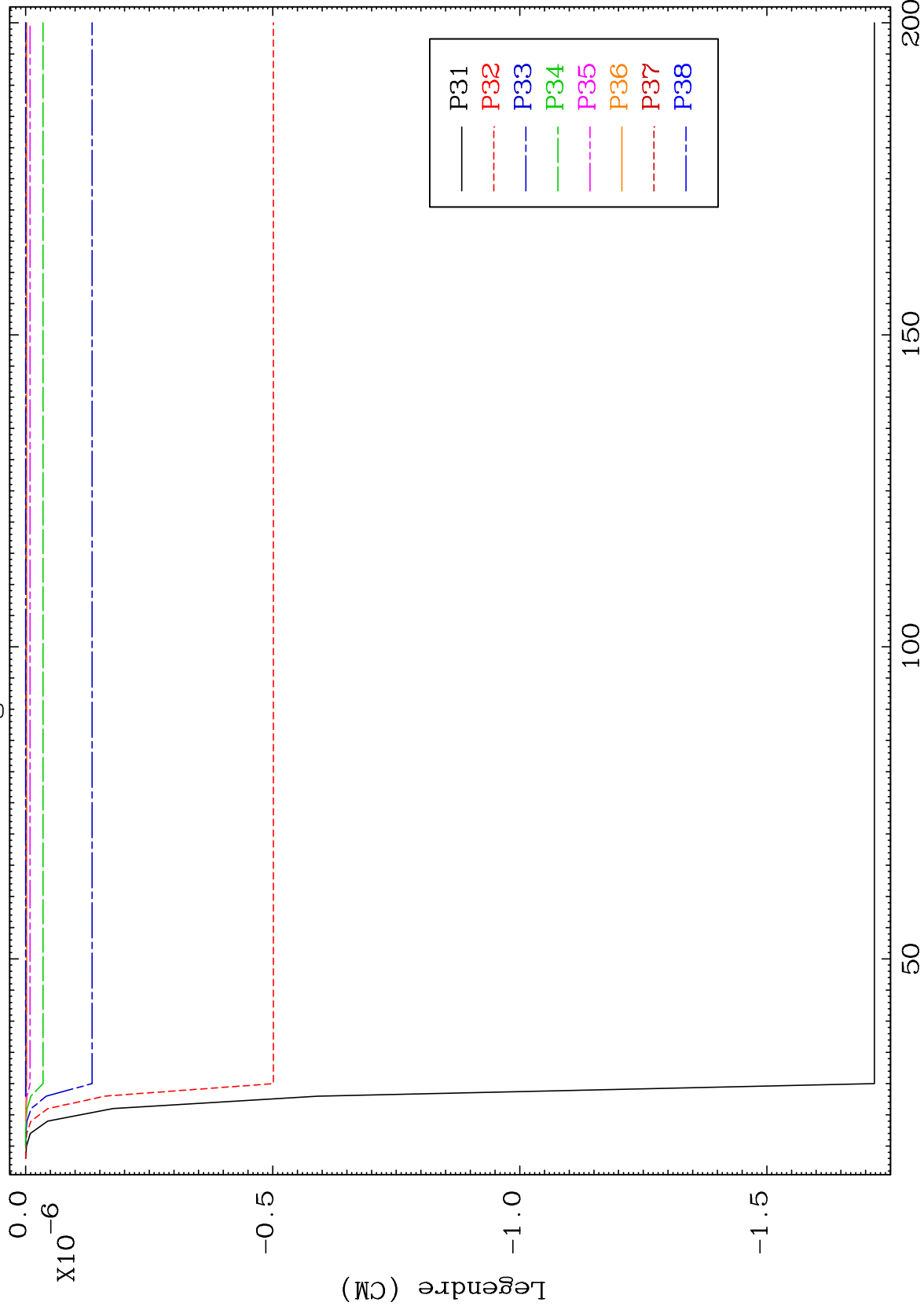
Incident Energy (MeV)

117

MAT 7449

MT= 77 (n,n') Level
Legendre Coefficients

74-W -188



118

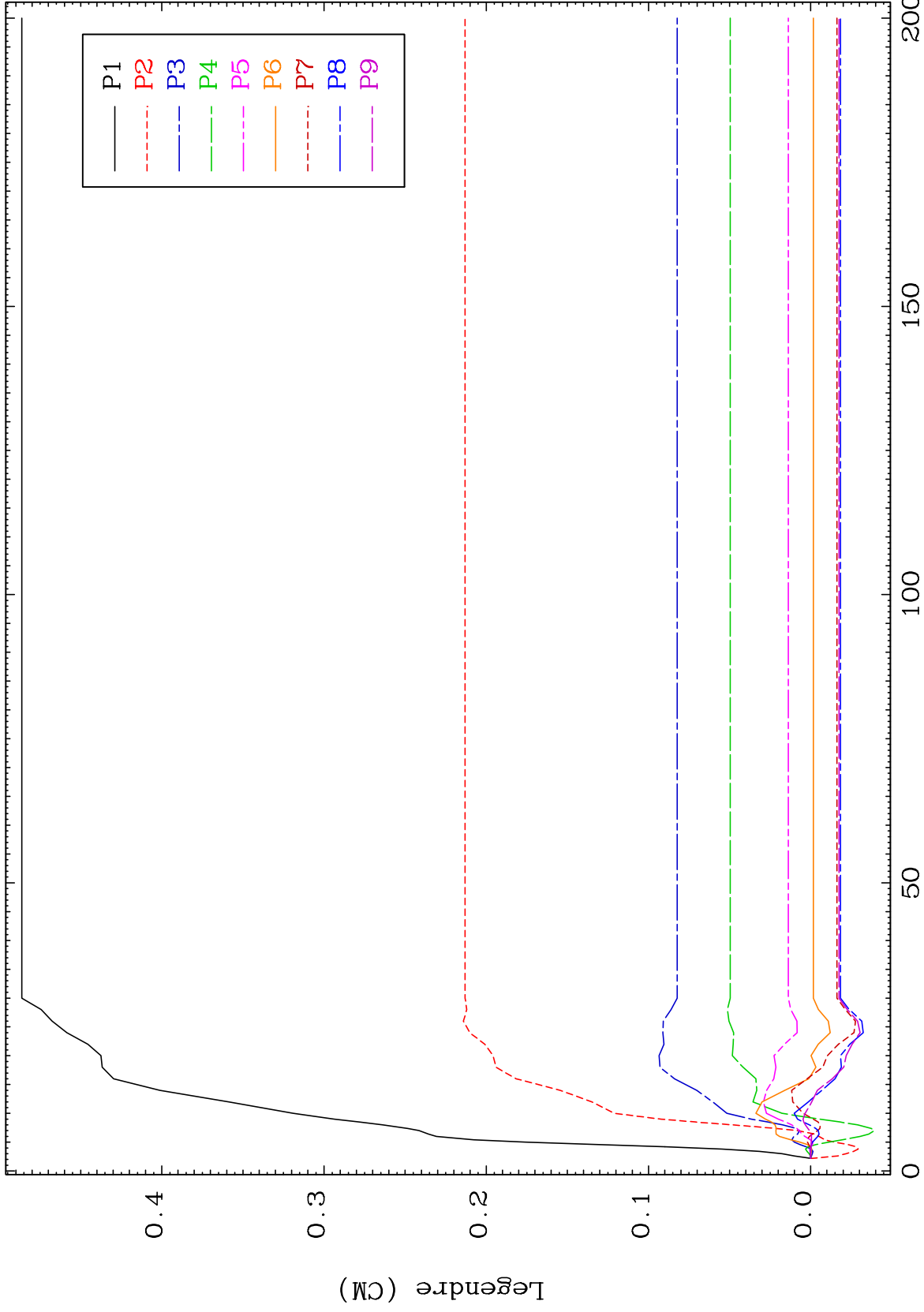
Incident Energy (MeV)

74-W -188

MAT 7449

MT= 78 (n,n') Level
Legendre Coefficients

74-W -188



119

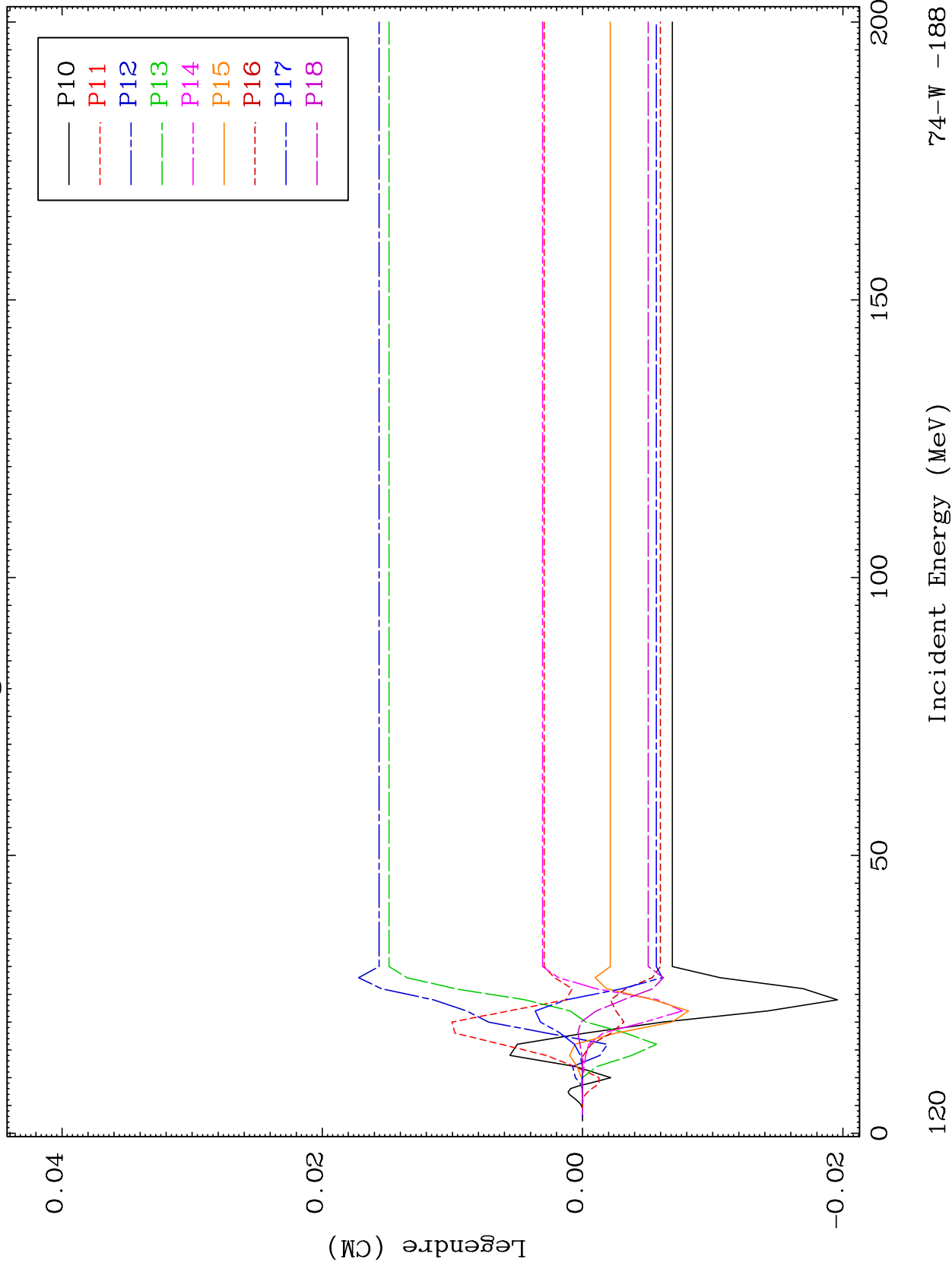
Incident Energy (MeV)

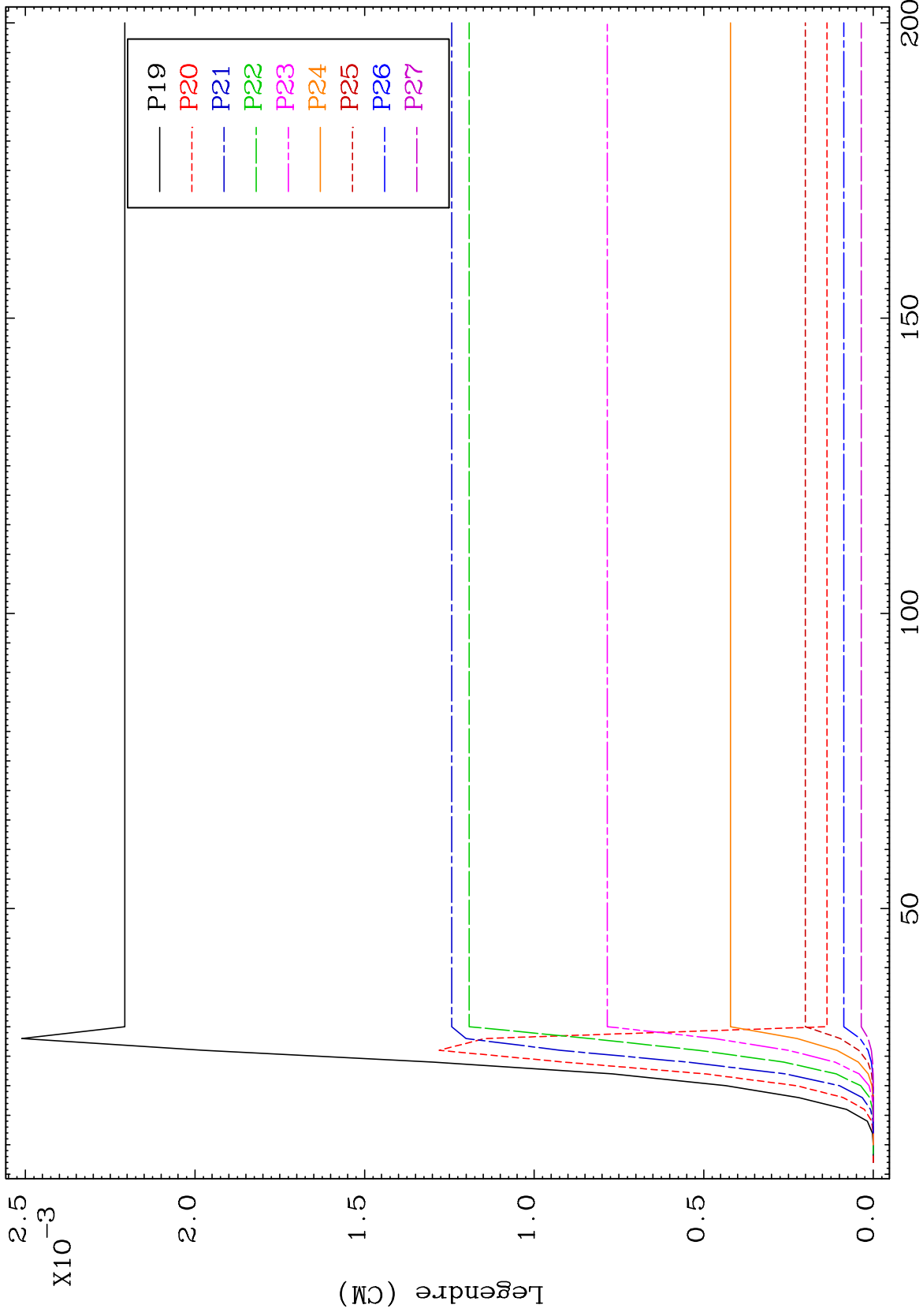
74-W -188

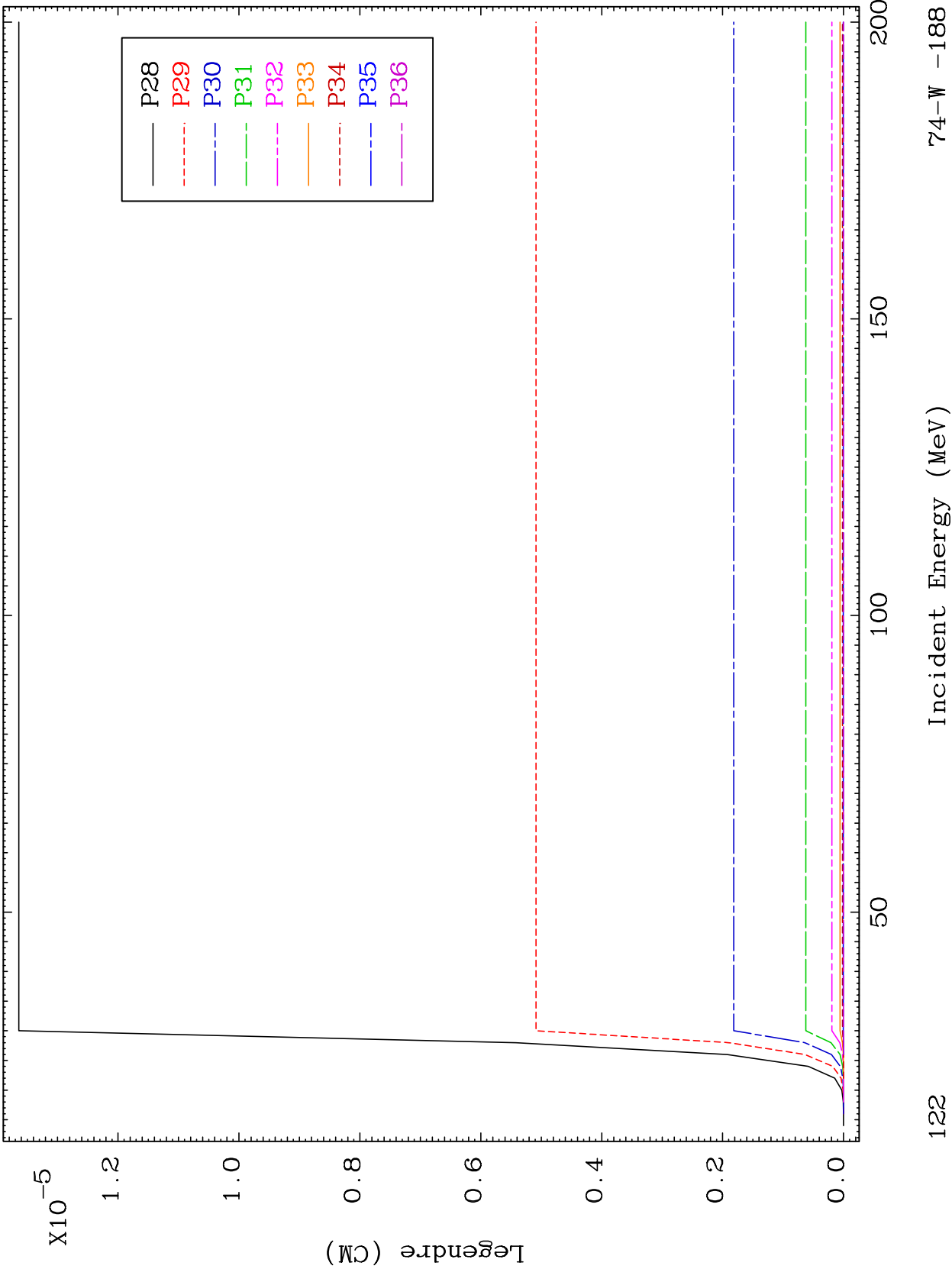
MAT 7449

MT= 78 (n,n') Level
Legendre Coefficients

74-W -188





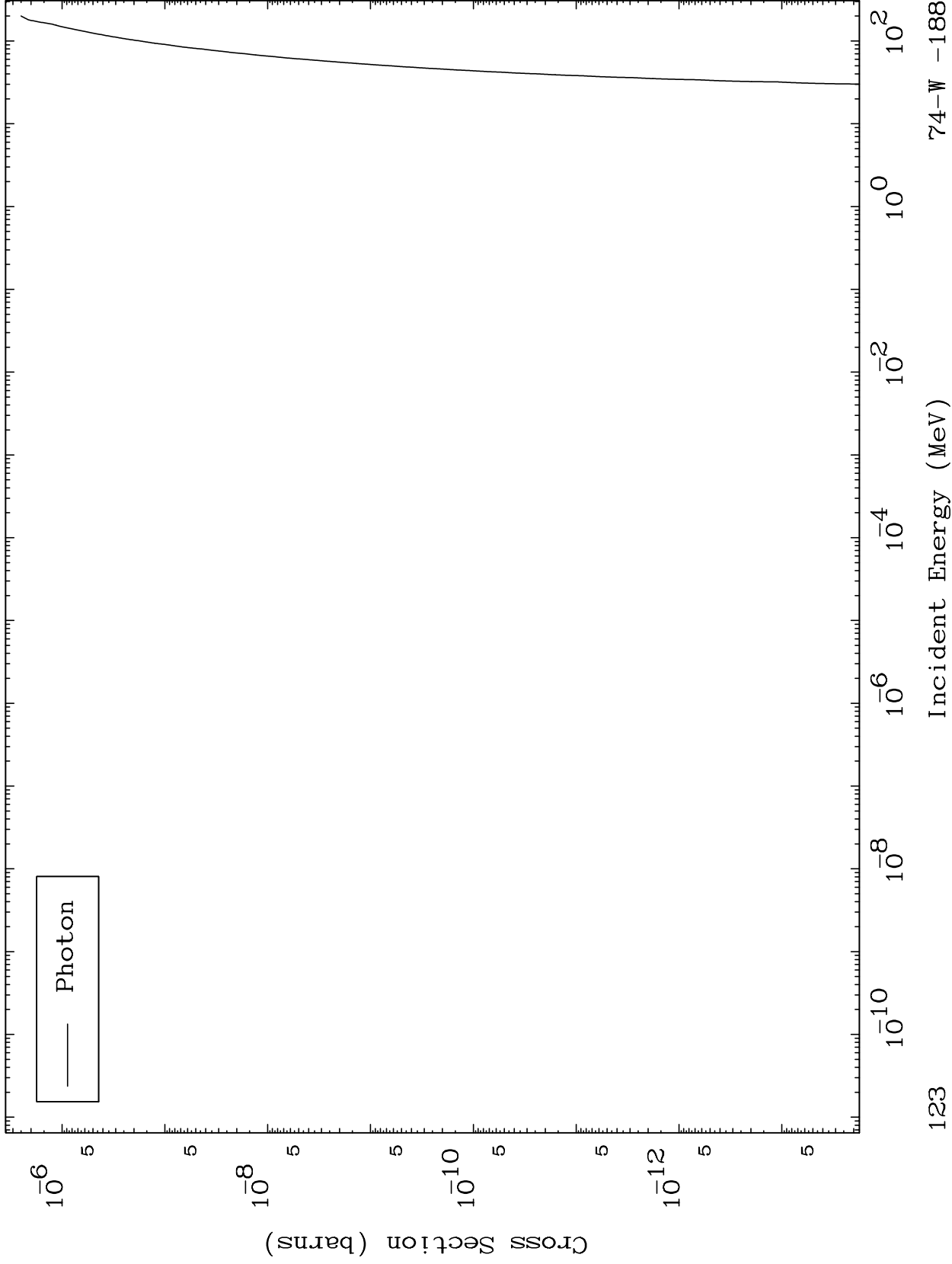


MAT 7449

Fission

74-W -188

Radionuclide Production Cross Section



123

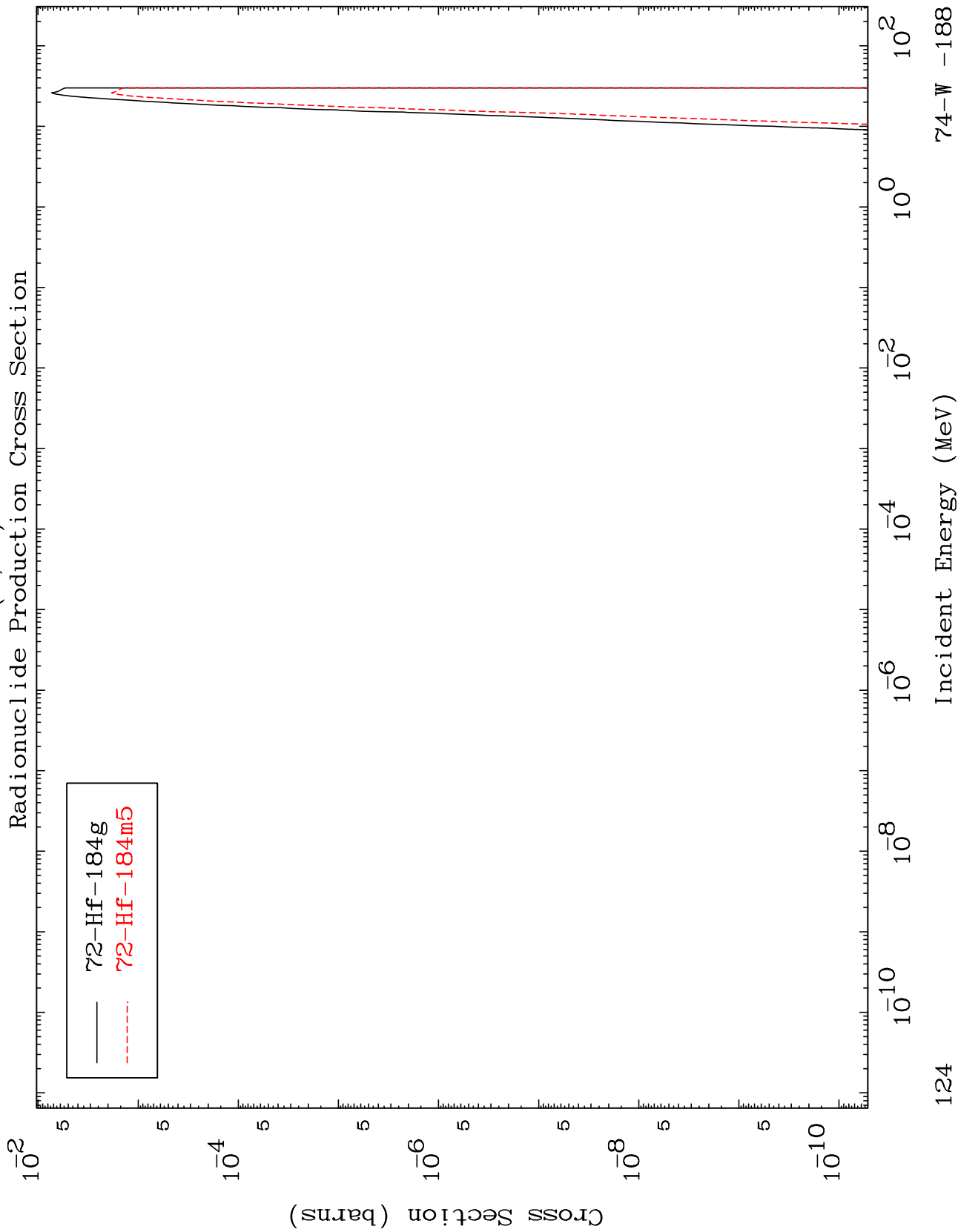
74-W -188

MAT 7449

(n,n') α

74-W -188

Radionuclide Production Cross Section



— $^{72}\text{Hf-184g}$
- - - $^{72}\text{Hf-184m5}$

124

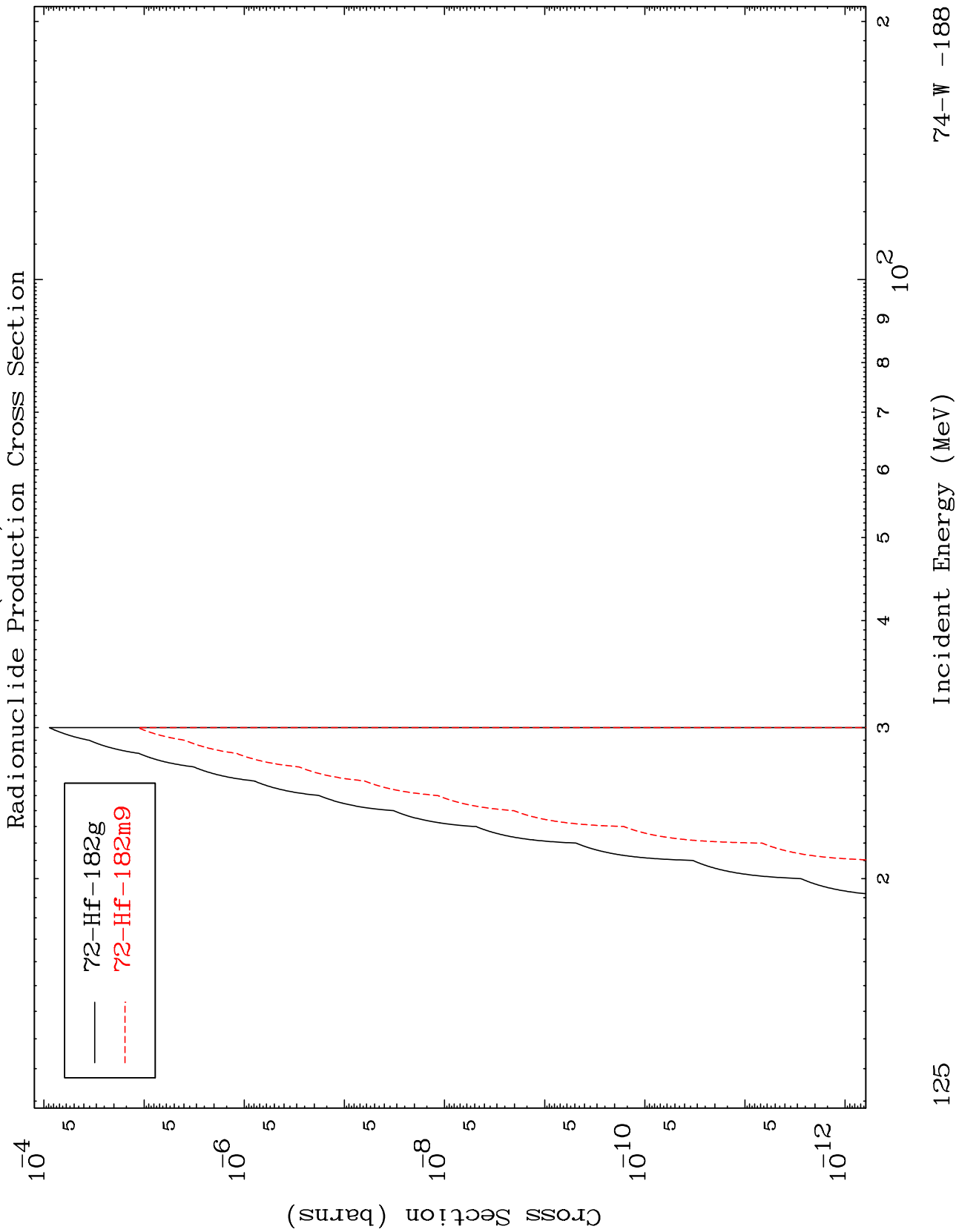
Incident Energy (MeV)

74-W -188

MAT 7449

(n,3n) α

74-W -188

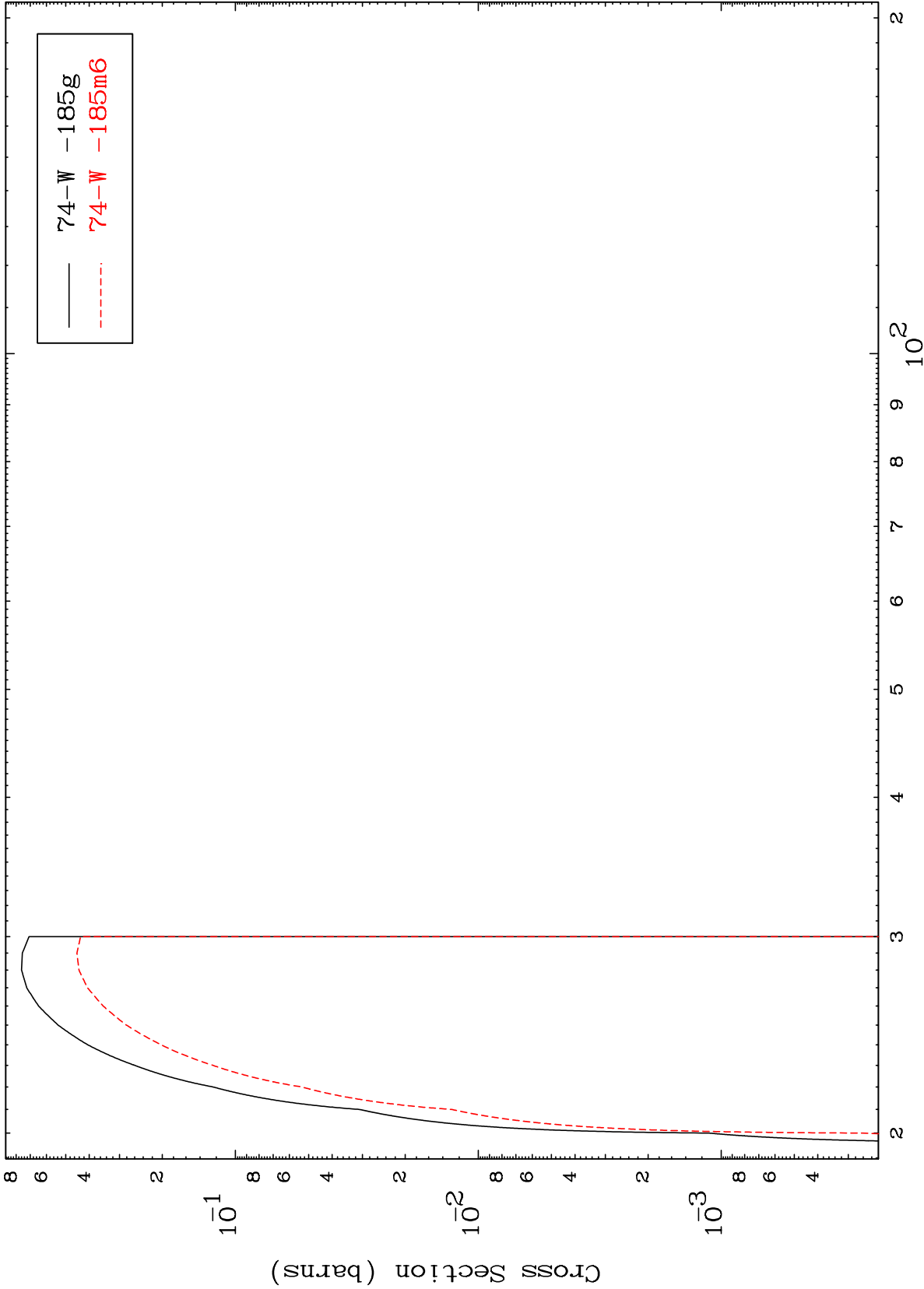


MAT 7449

(n,4n)

74-W -188

Radionuclide Production Cross Section



126

Incident Energy (MeV)

74-W -188