

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

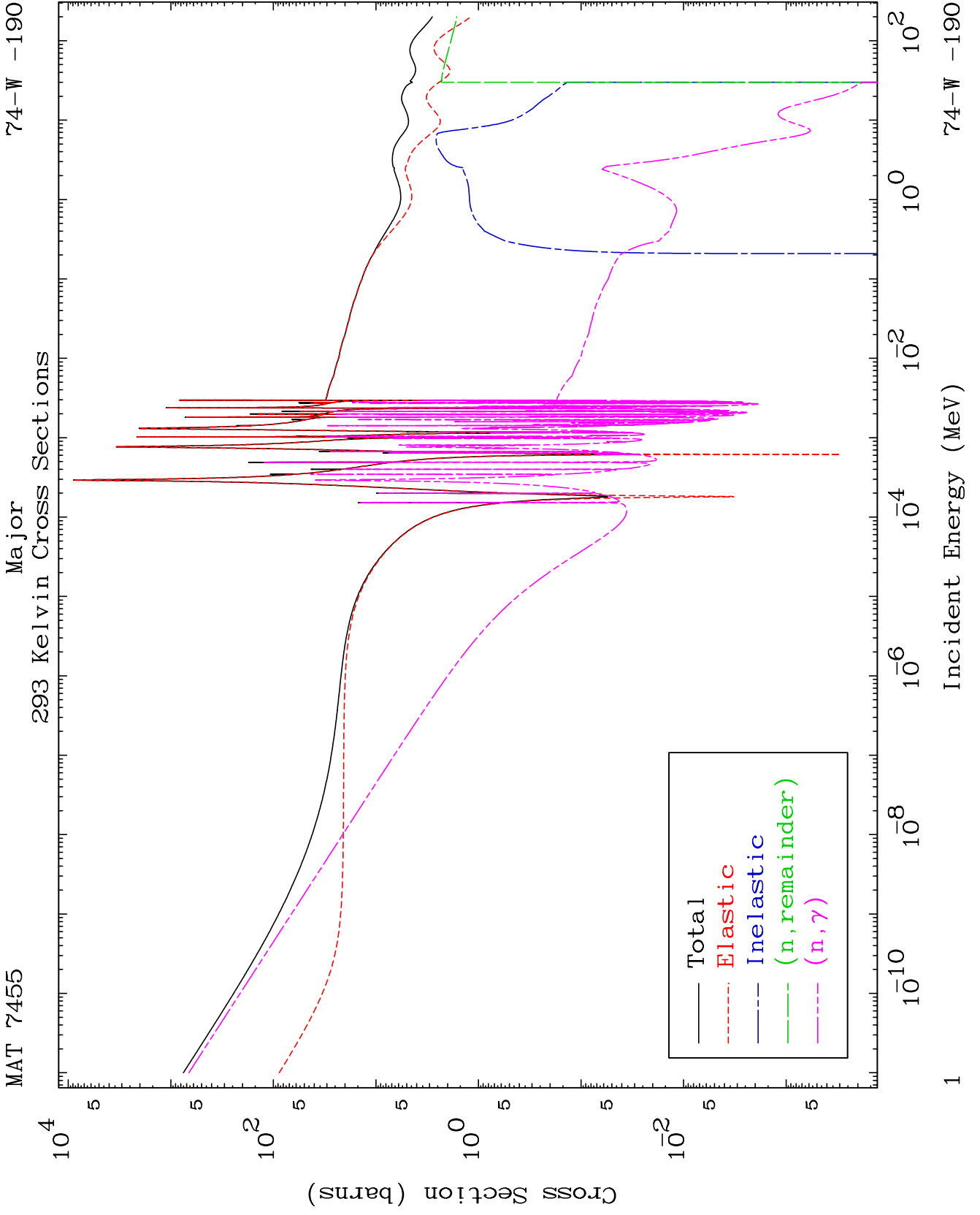
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

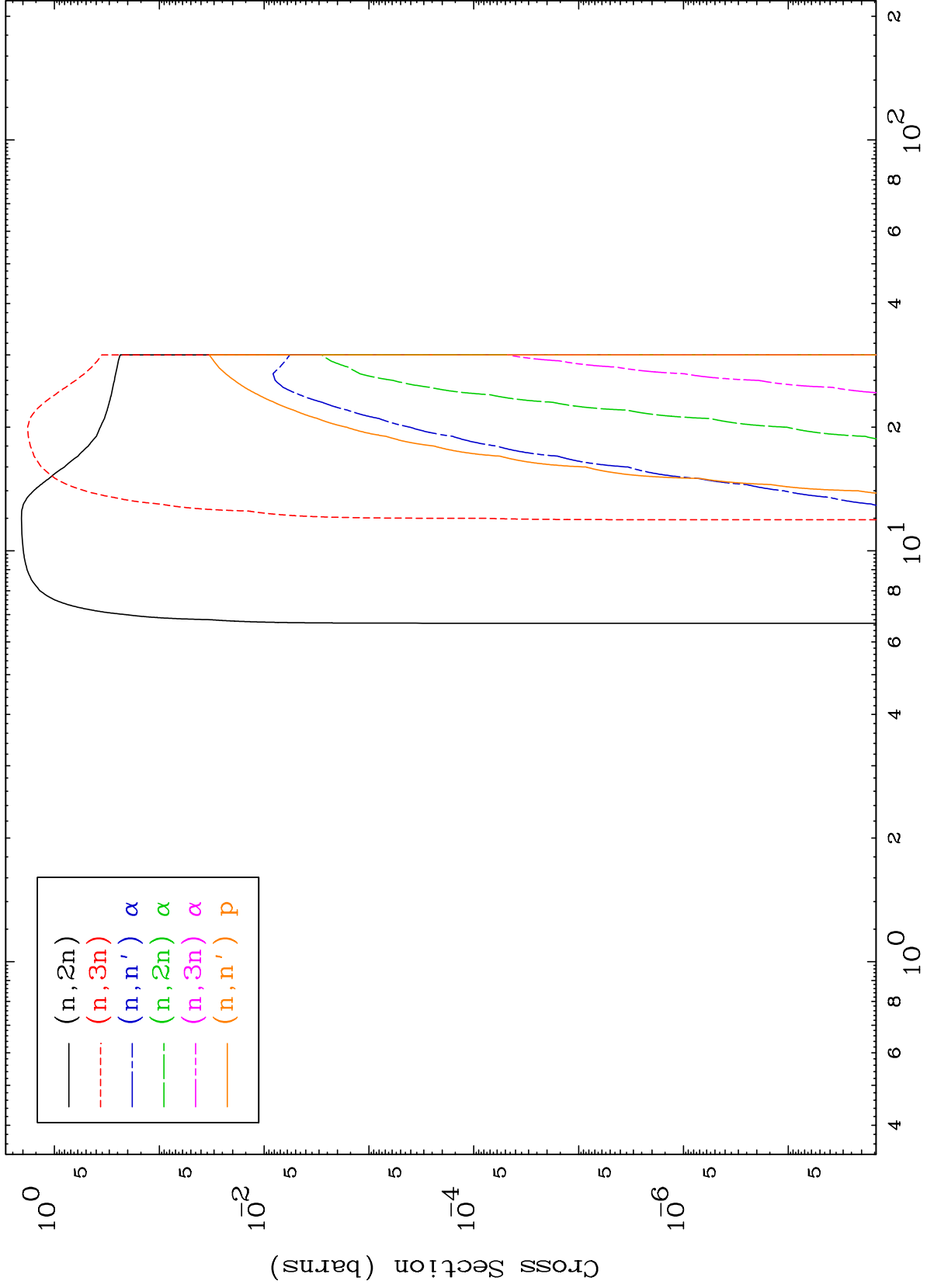
Press Mouse Button to Start



MAT 7455

Neutron Production
293 Kelvin Cross Sections

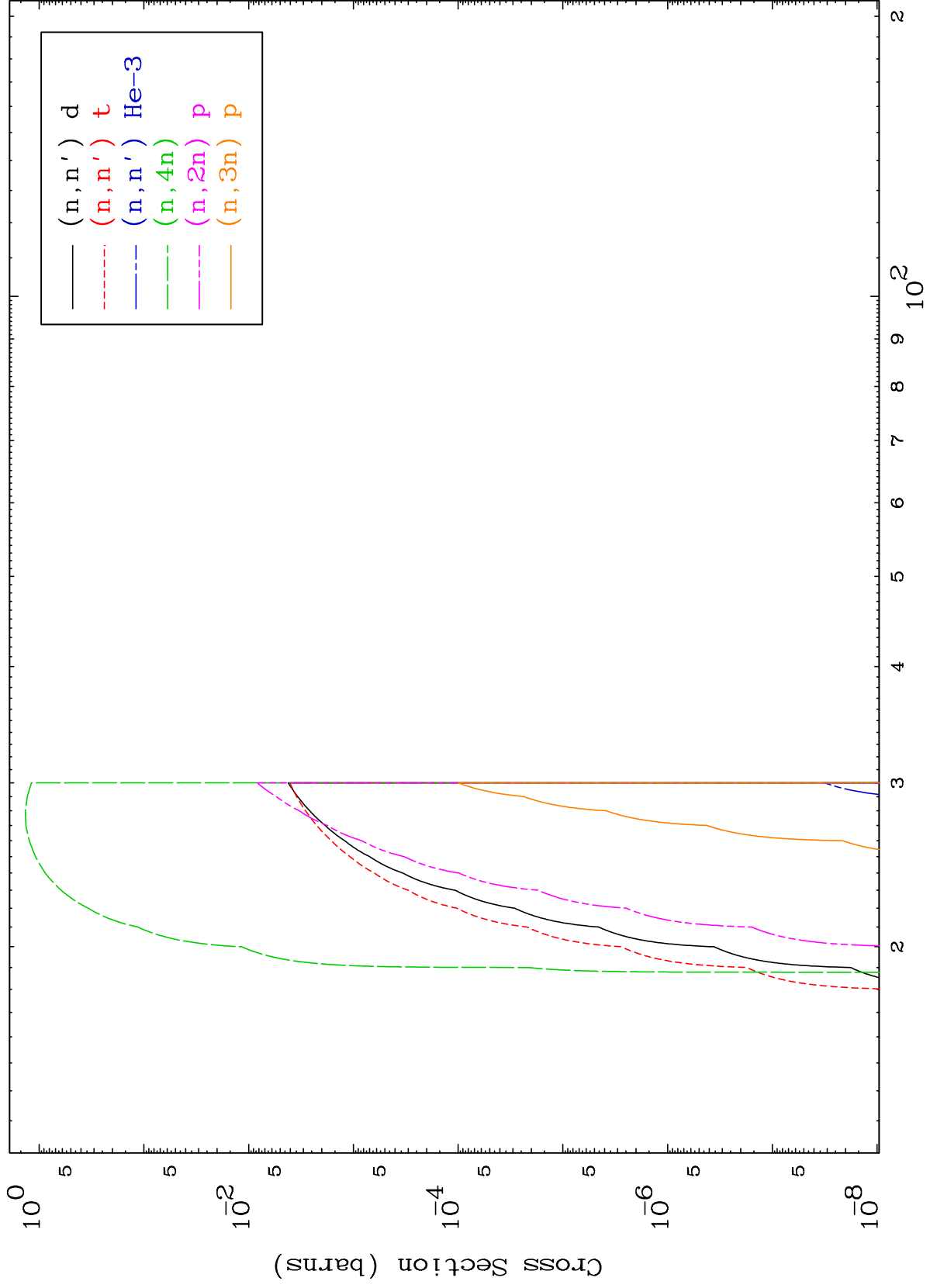
74-W -190



2

Incident Energy (MeV)

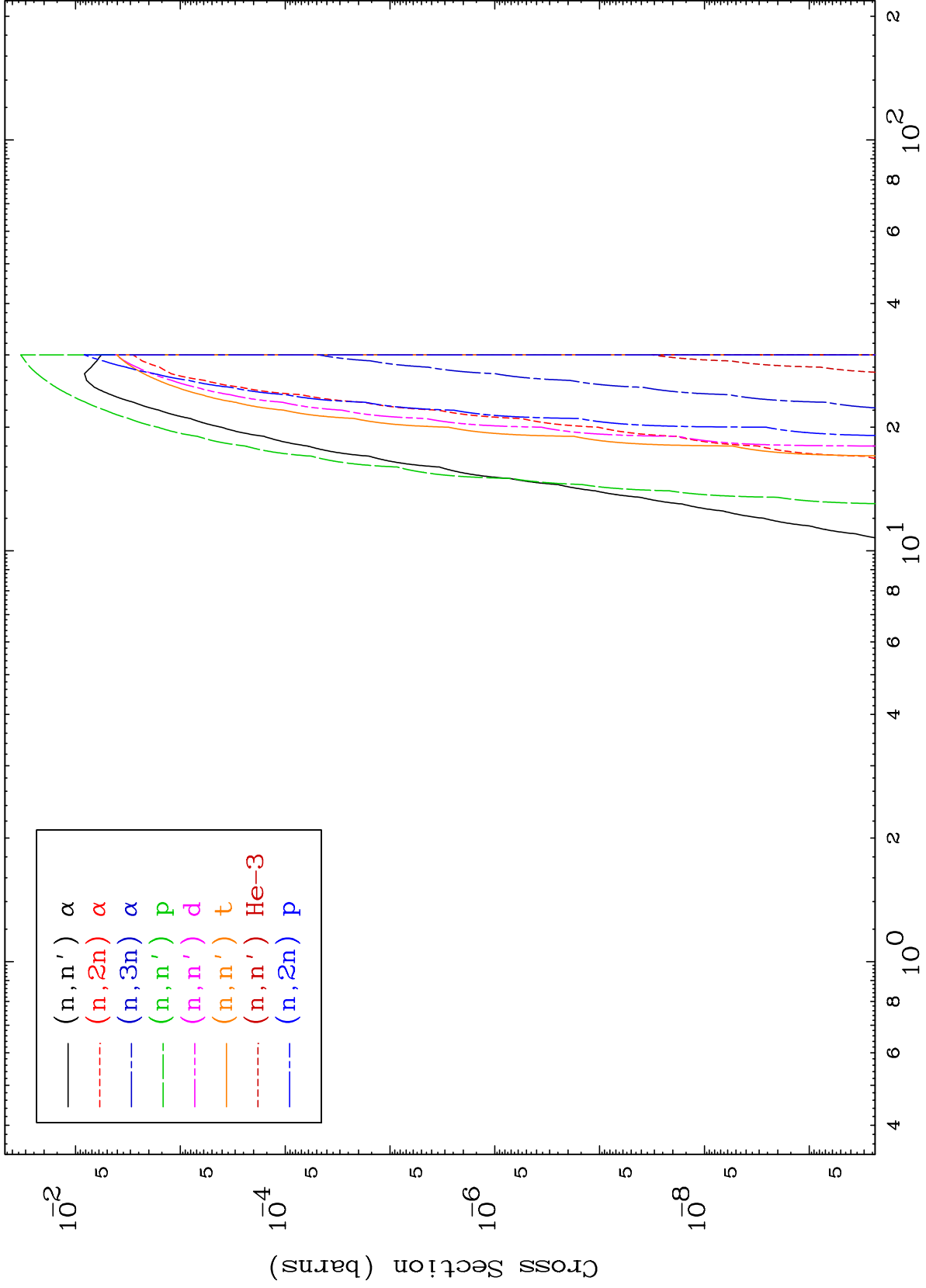
74-W -190



MAT 7455

293 Kelvin Cross Sections
Charged Particle

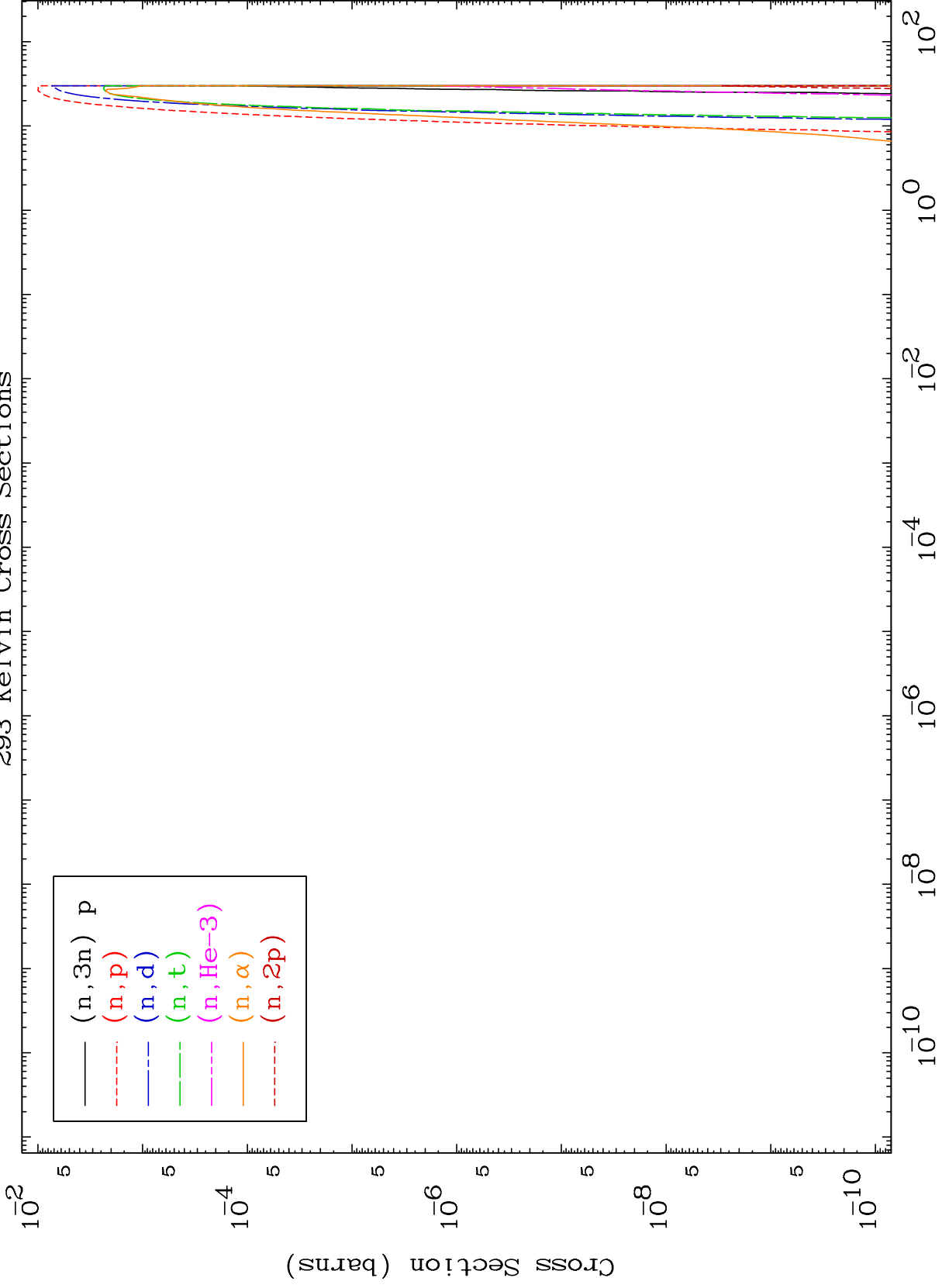
74-W -190



MAT 7455

Charged Particle
293 Kelvin Cross Sections

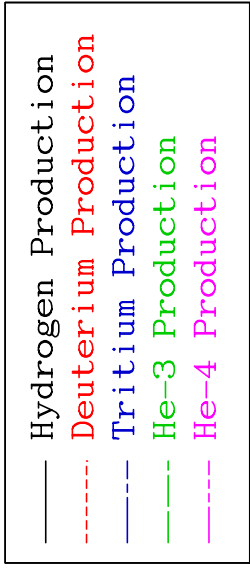
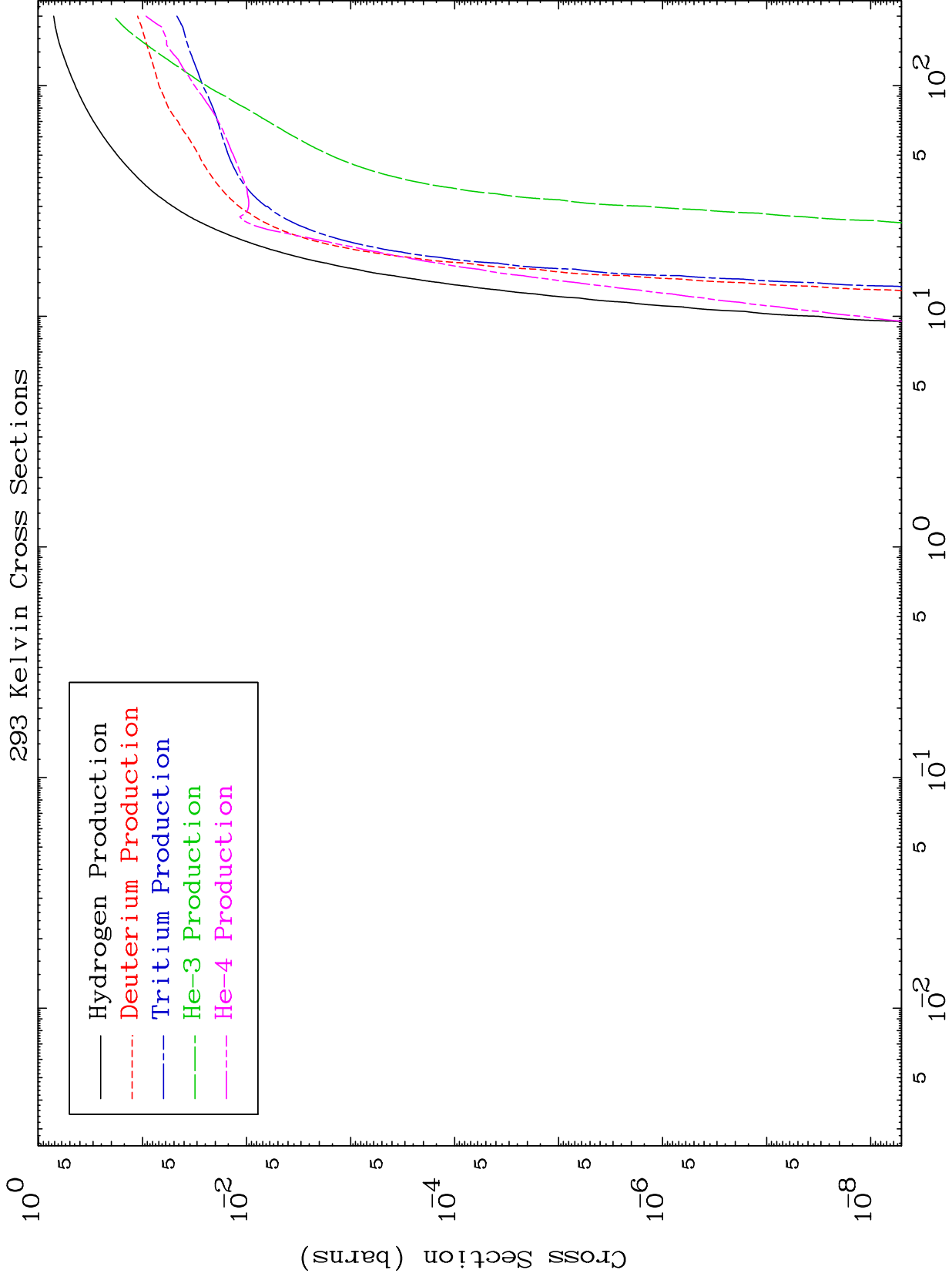
74-W -190



MAT 7455

Particle Production
293 Kelvin Cross Sections

74-W -190

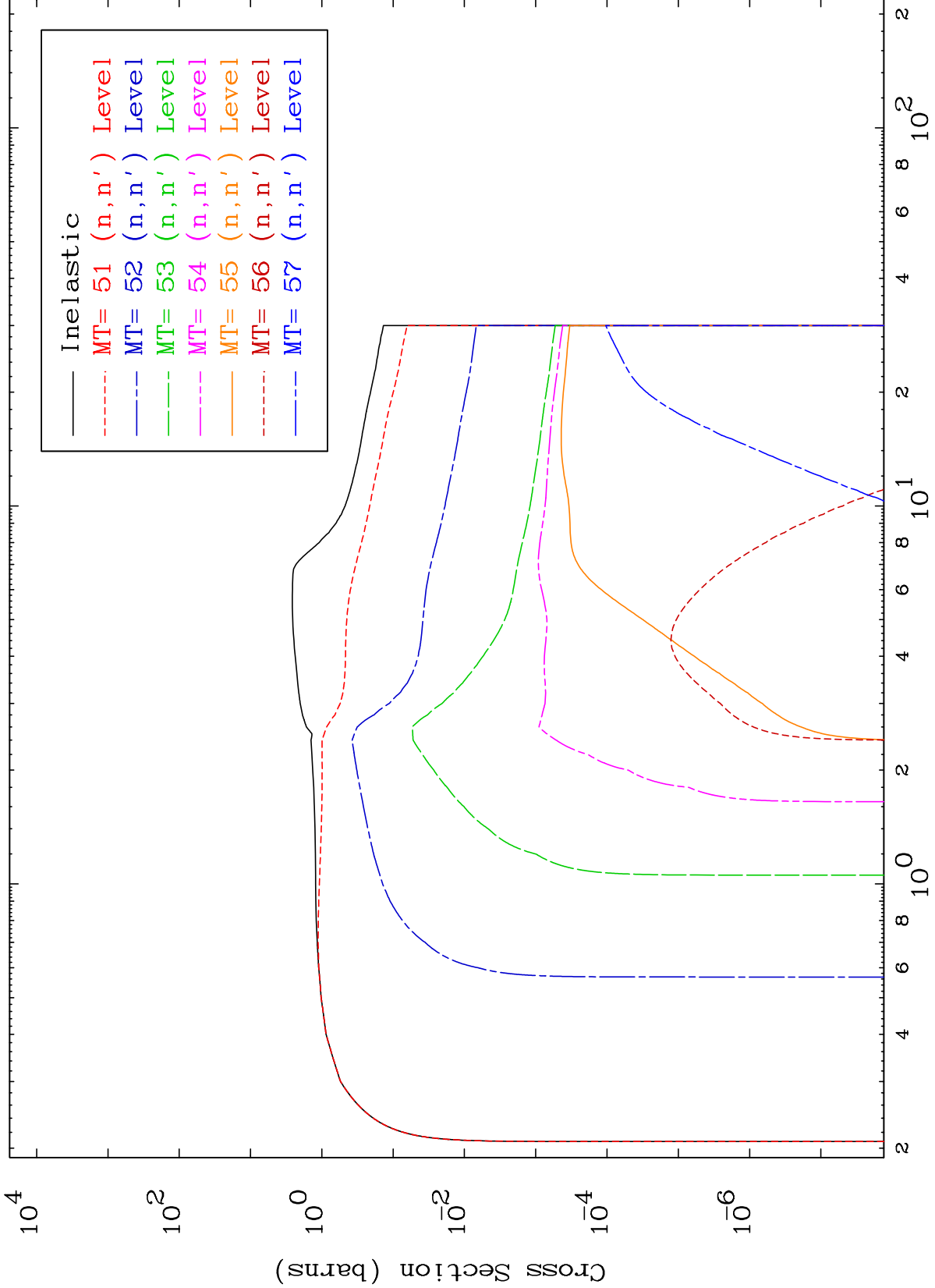


6

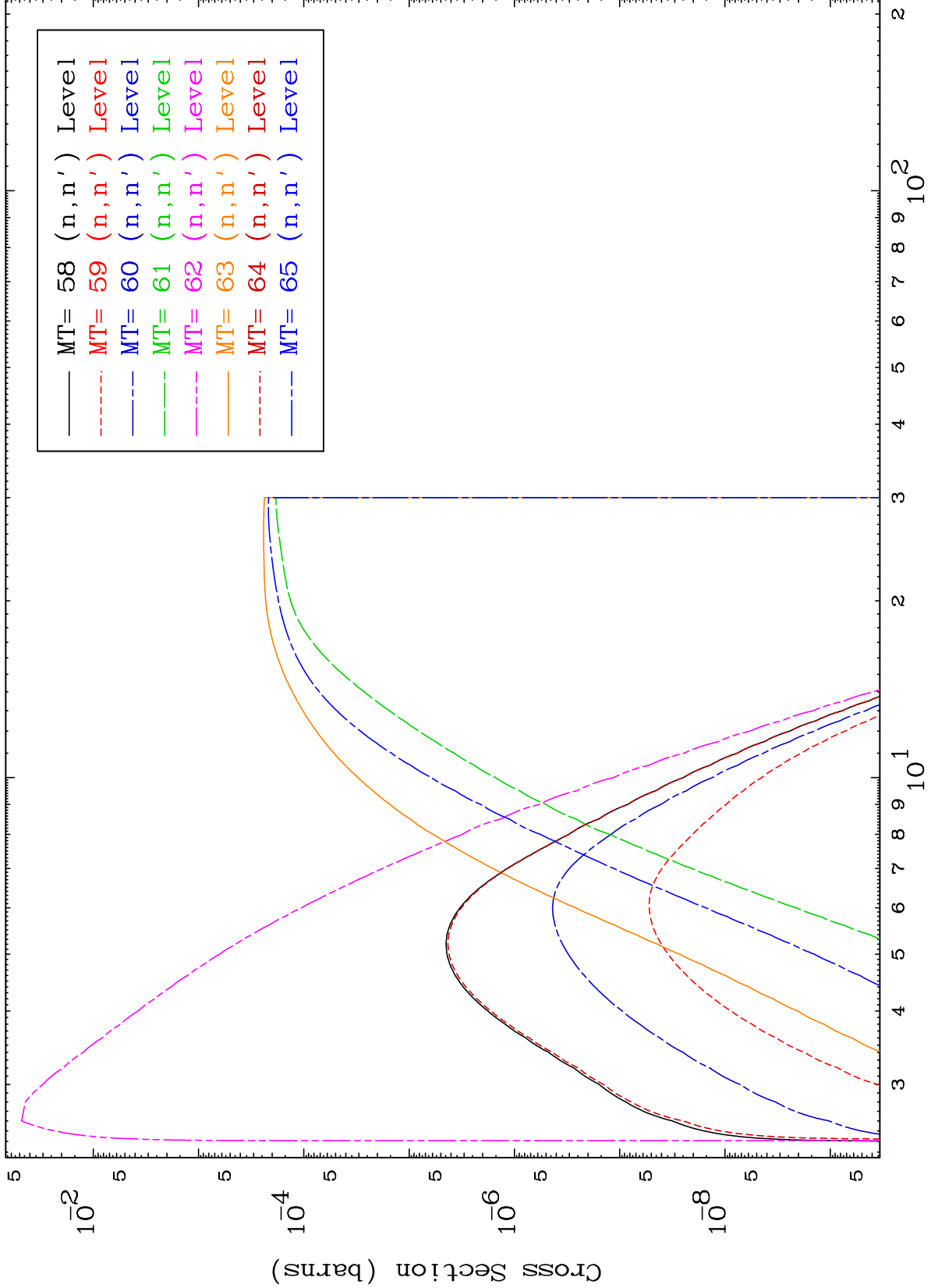
Incident Energy (MeV)

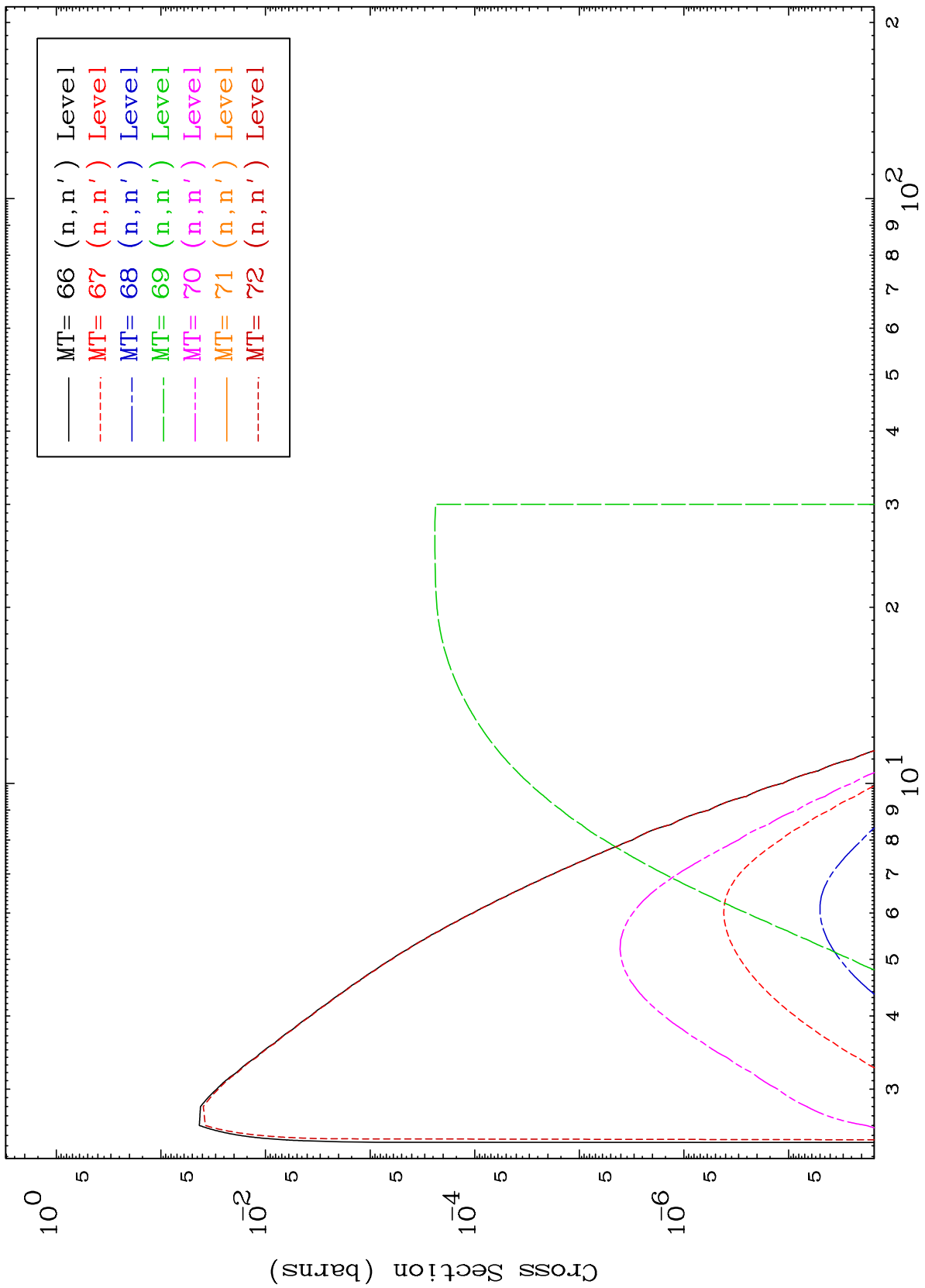
74-W -190

293 Kelvin Cross Sections



293 Kelvin Cross Sections

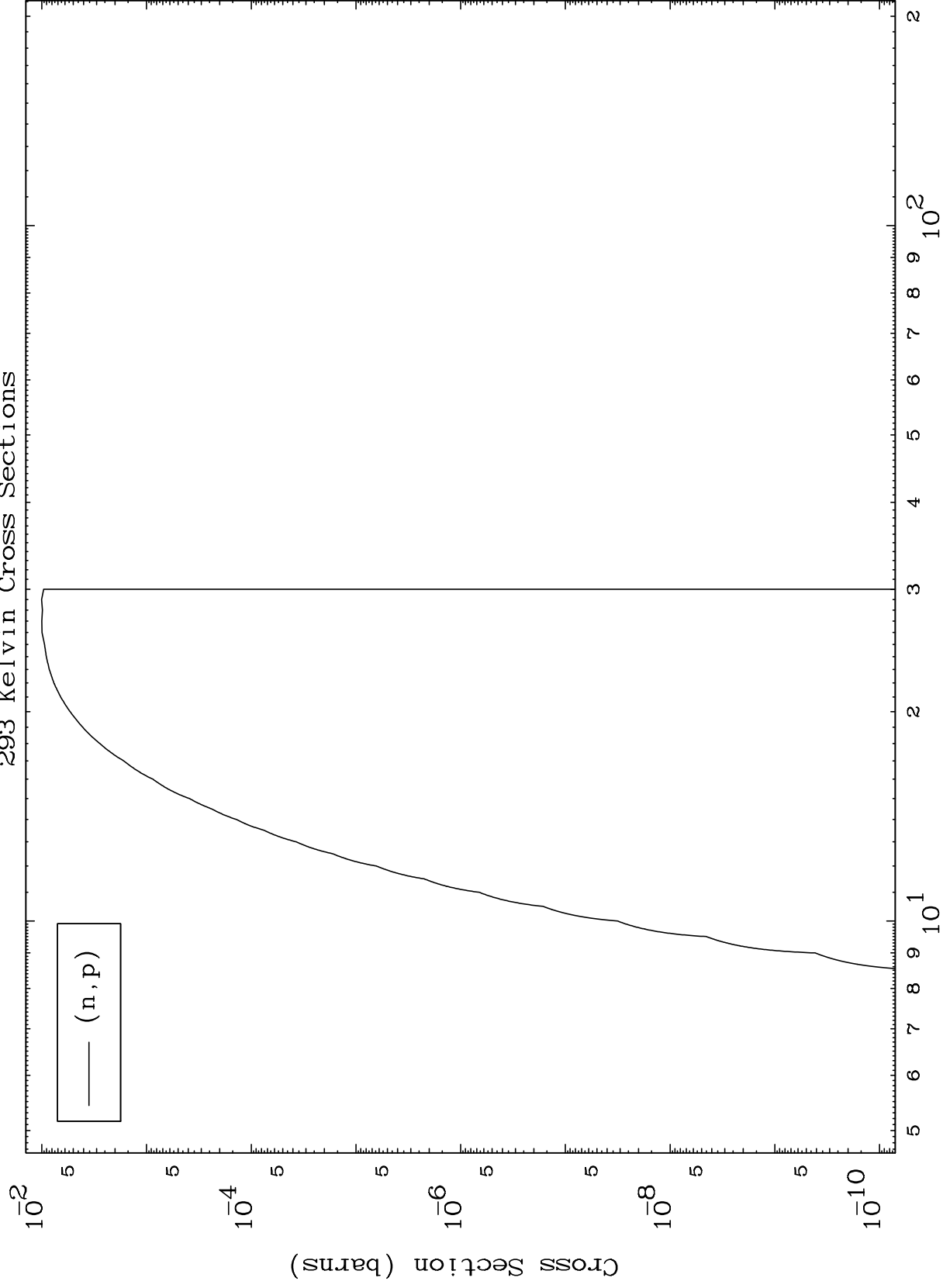




MAT 7455

(n,p) Levels
293 Kelvin Cross Sections

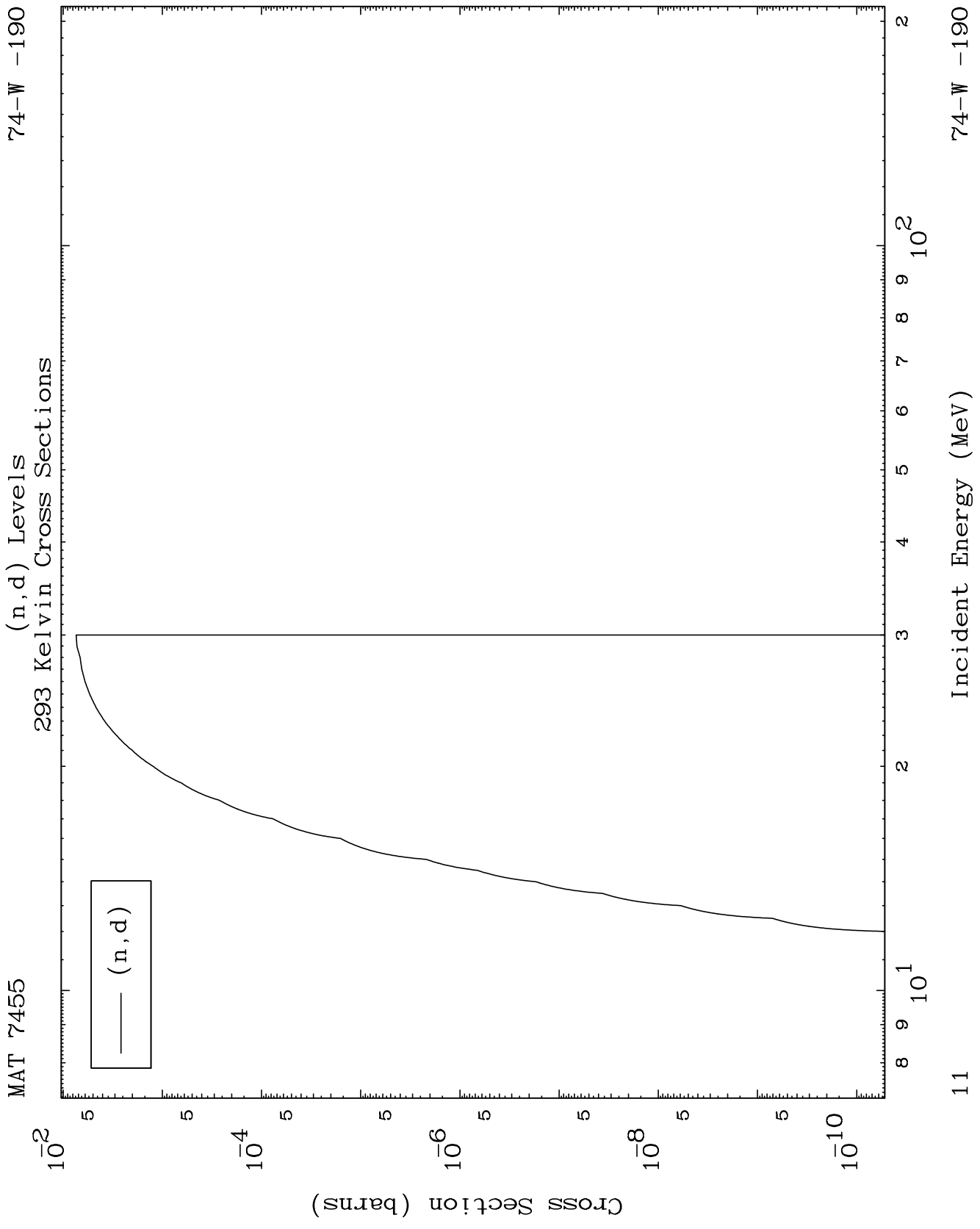
74-W -190



10

Incident Energy (MeV)

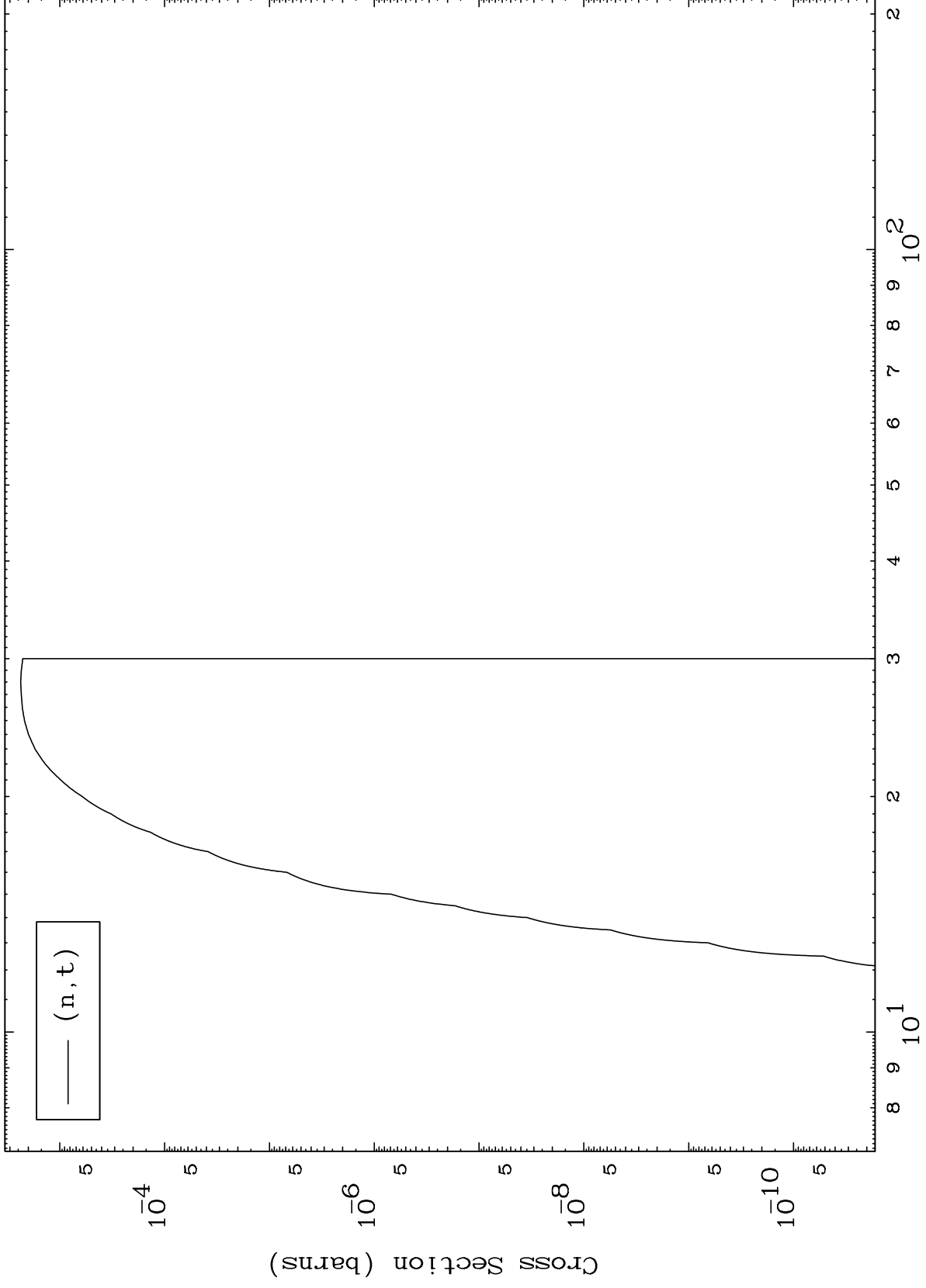
74-W -190



MAT 7455

(n,t) Levels
293 Kelvin Cross Sections

74-W -190



12

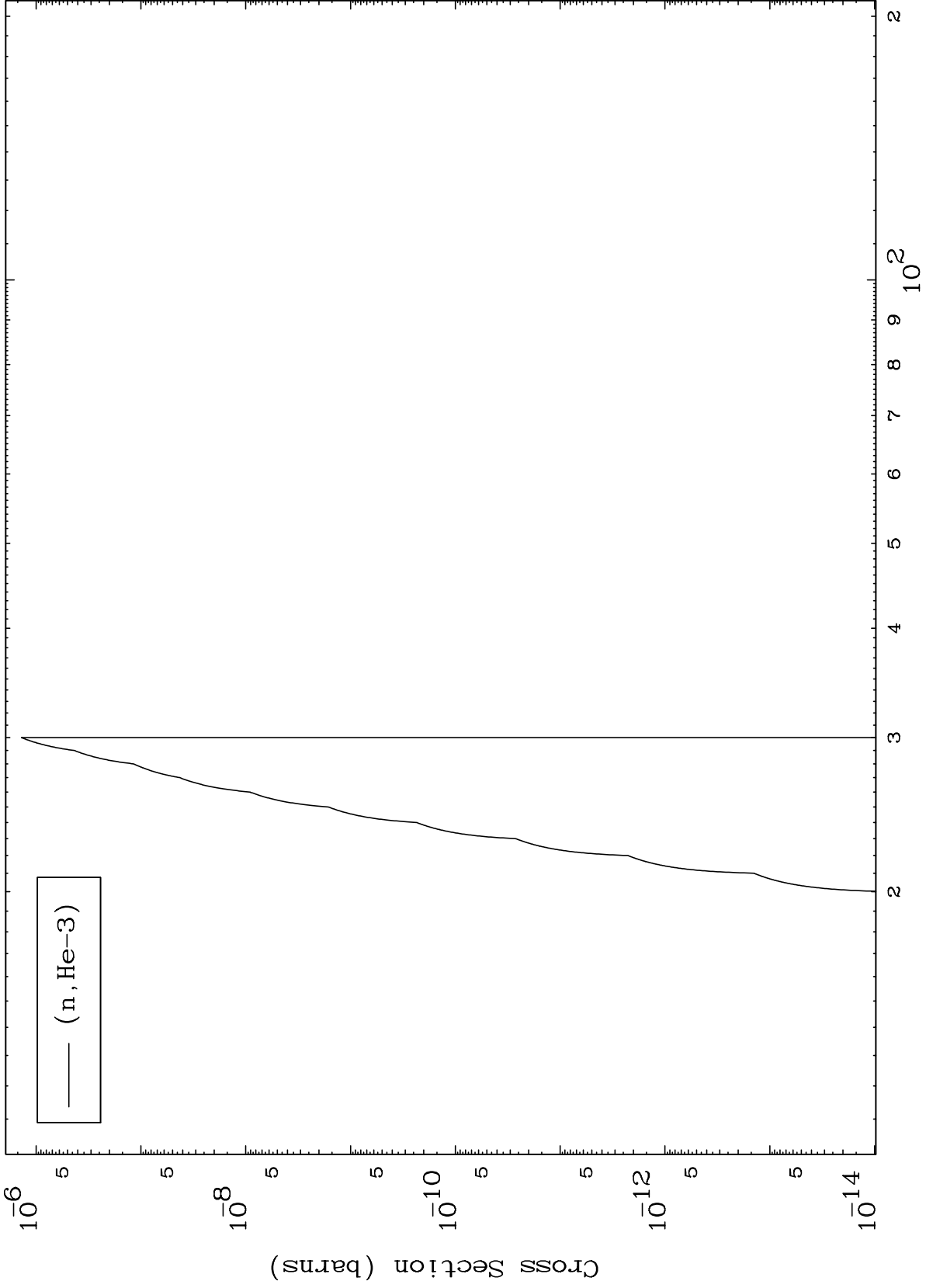
Incident Energy (MeV)

74-W -190

MAT 7455

(n,He3) Levels
293 Kelvin Cross Sections

74-W -190



13

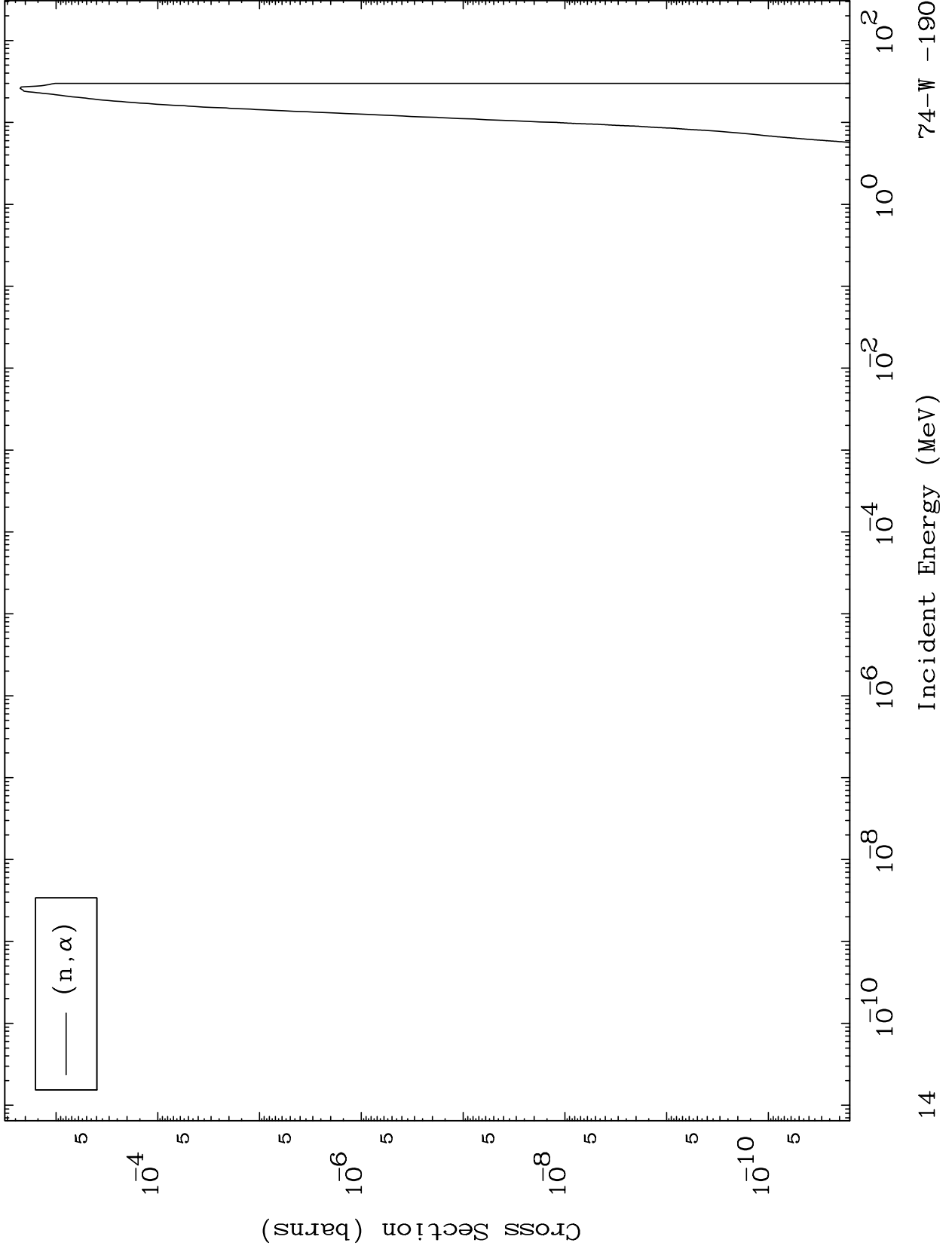
Incident Energy (MeV)

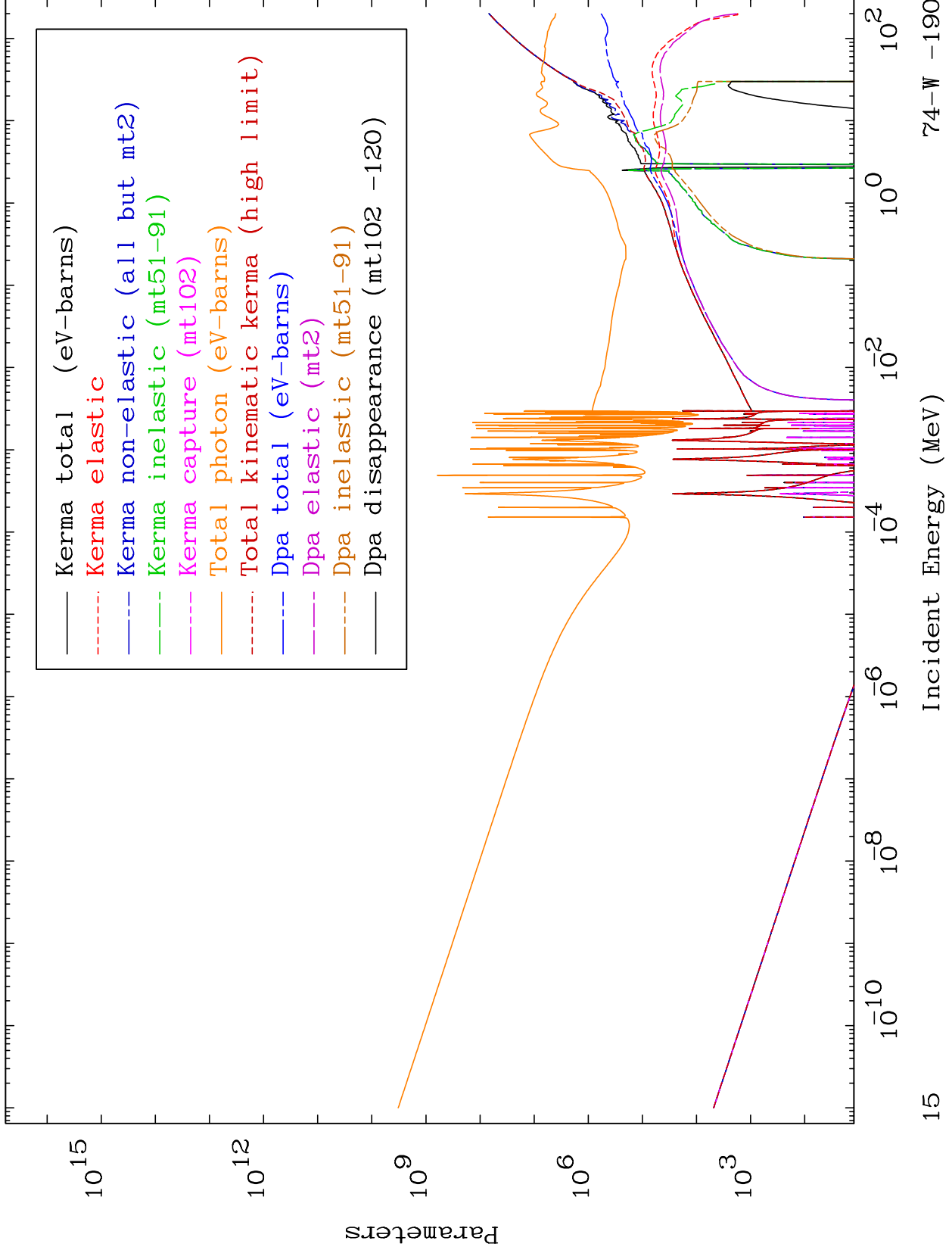
74-W -190

MAT 7455

(n, α) Levels
293 Kelvin Cross Sections

74-W -190

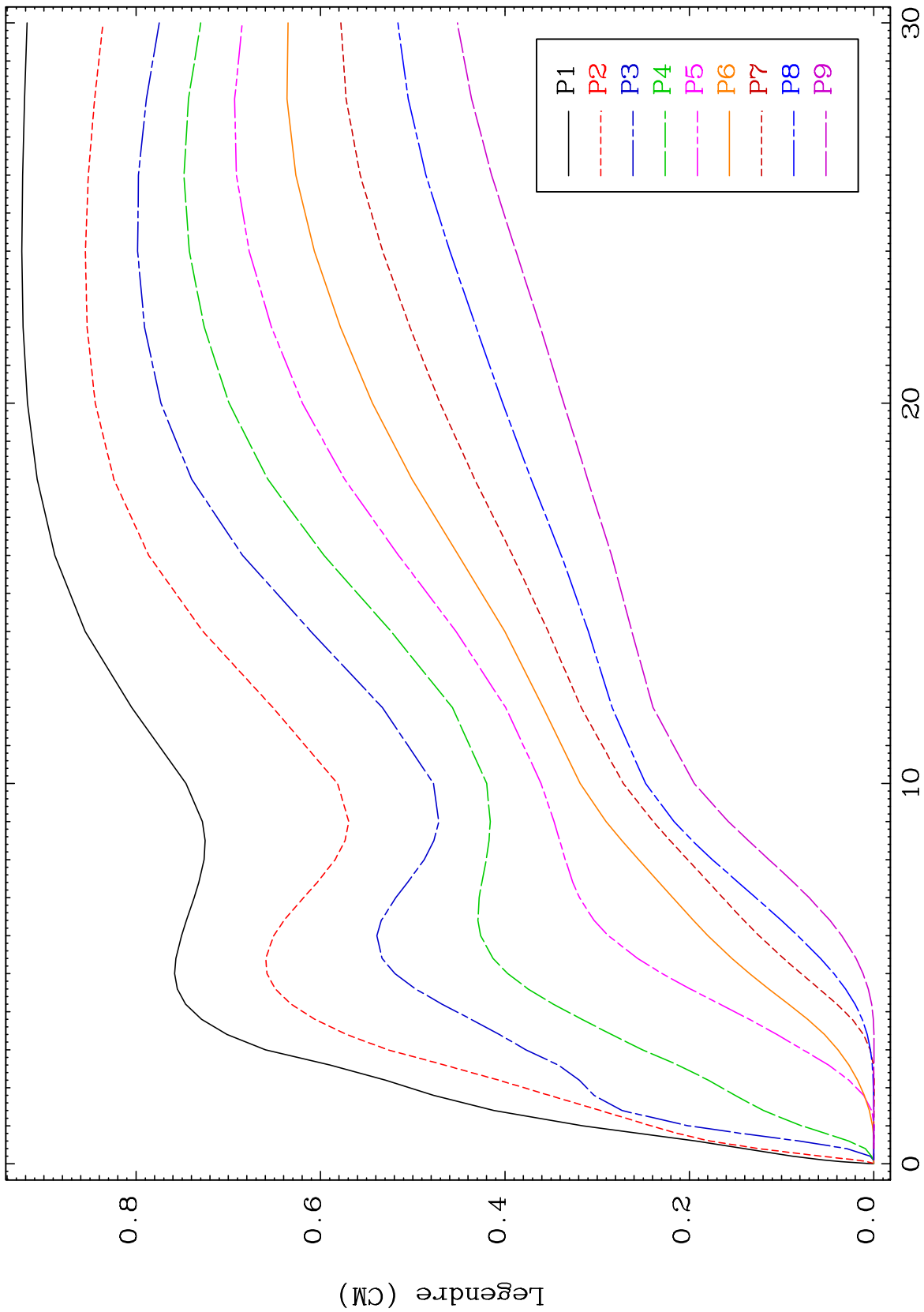




MAT 7455

Elastic Legendre Coefficients

74-W -190



16

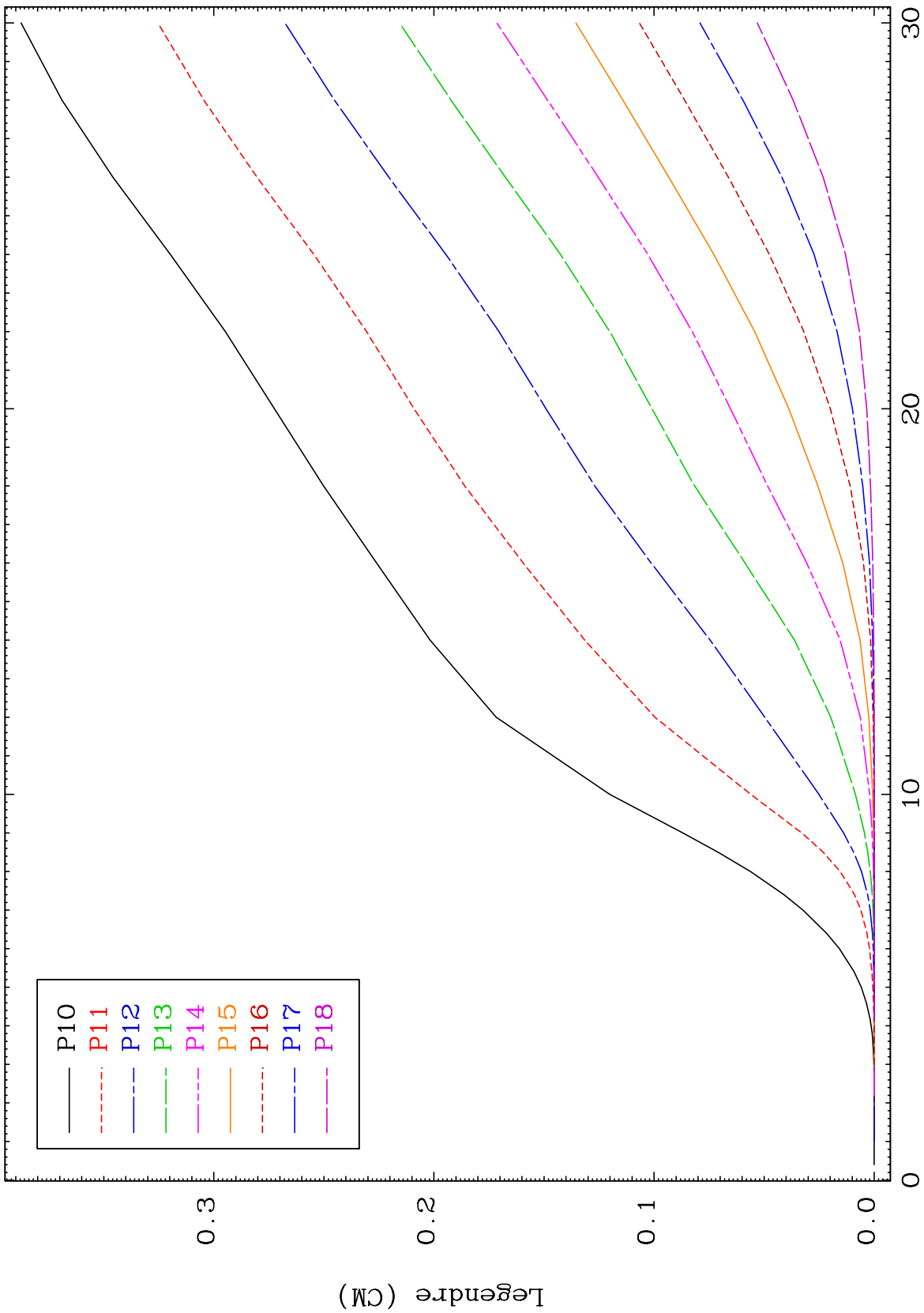
Incident Energy (MeV)

74-W -190

MAT 7455

Elastic Legendre Coefficients

74-W -190



17

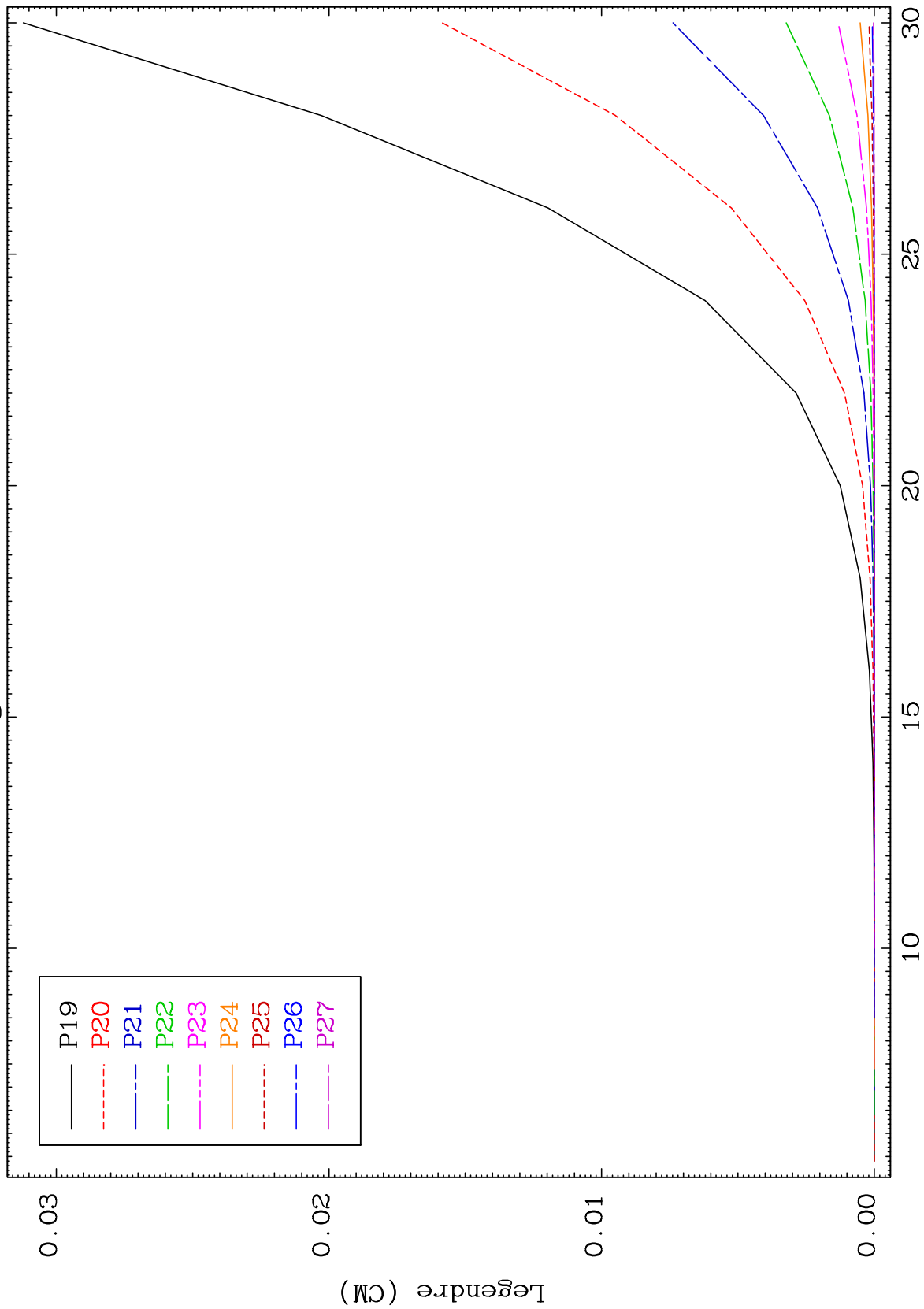
Incident Energy (MeV)

74-W -190

MAT 7455

Elastic Legendre Coefficients

74-W -190



18

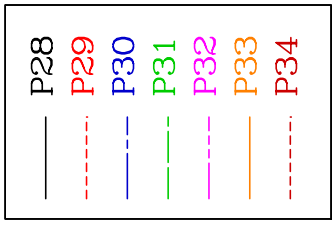
Incident Energy (MeV)

74-W -190

MAT 7455

Elastic Legendre Coefficients

74-W -190



$\times 10^{-6}$

Legendre (CM)

10

15

20

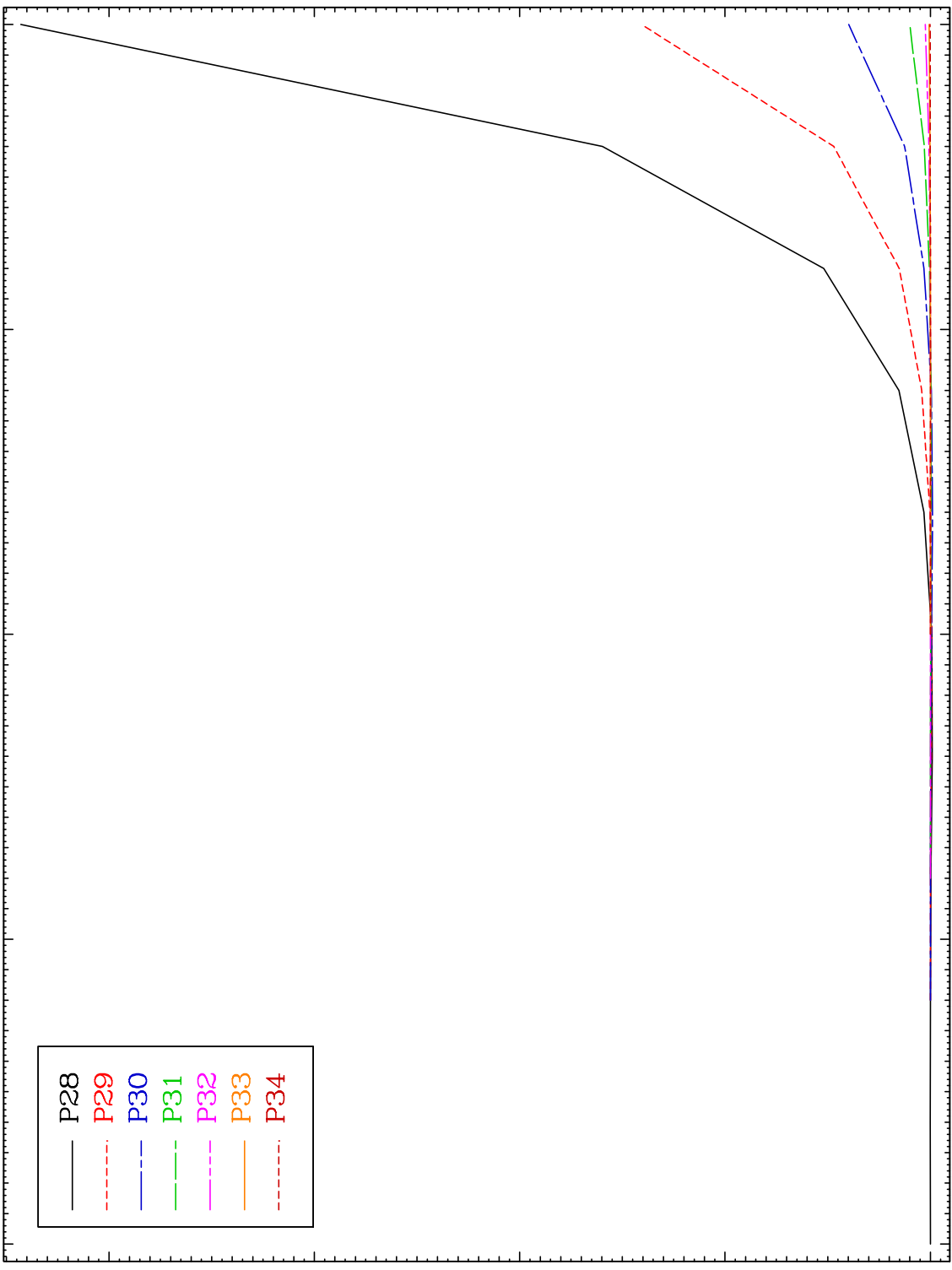
25

30

19

Incident Energy (MeV)

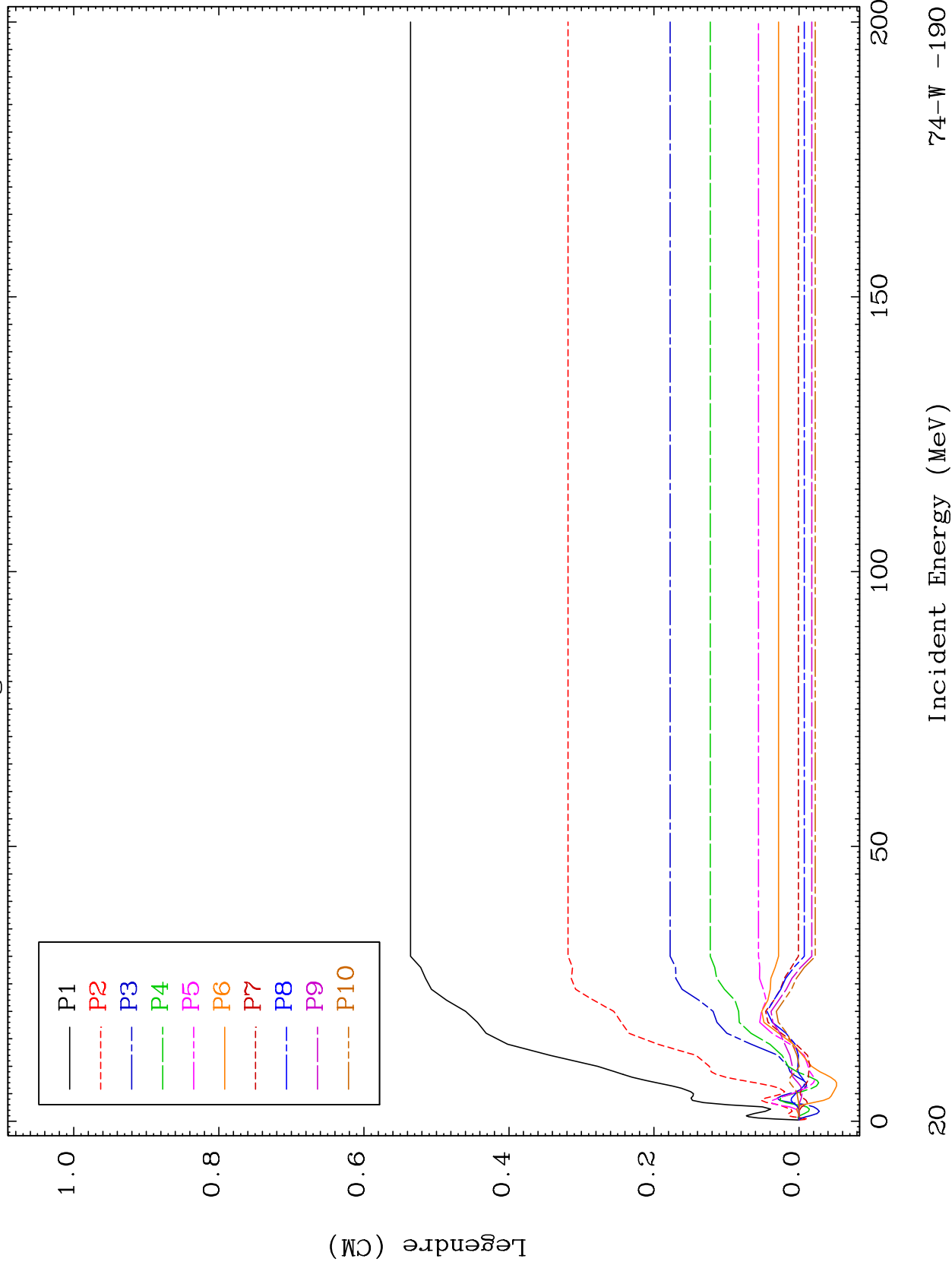
74-W -190



MAT 7455

MT= 51 (n,n') Level
Legendre Coefficients

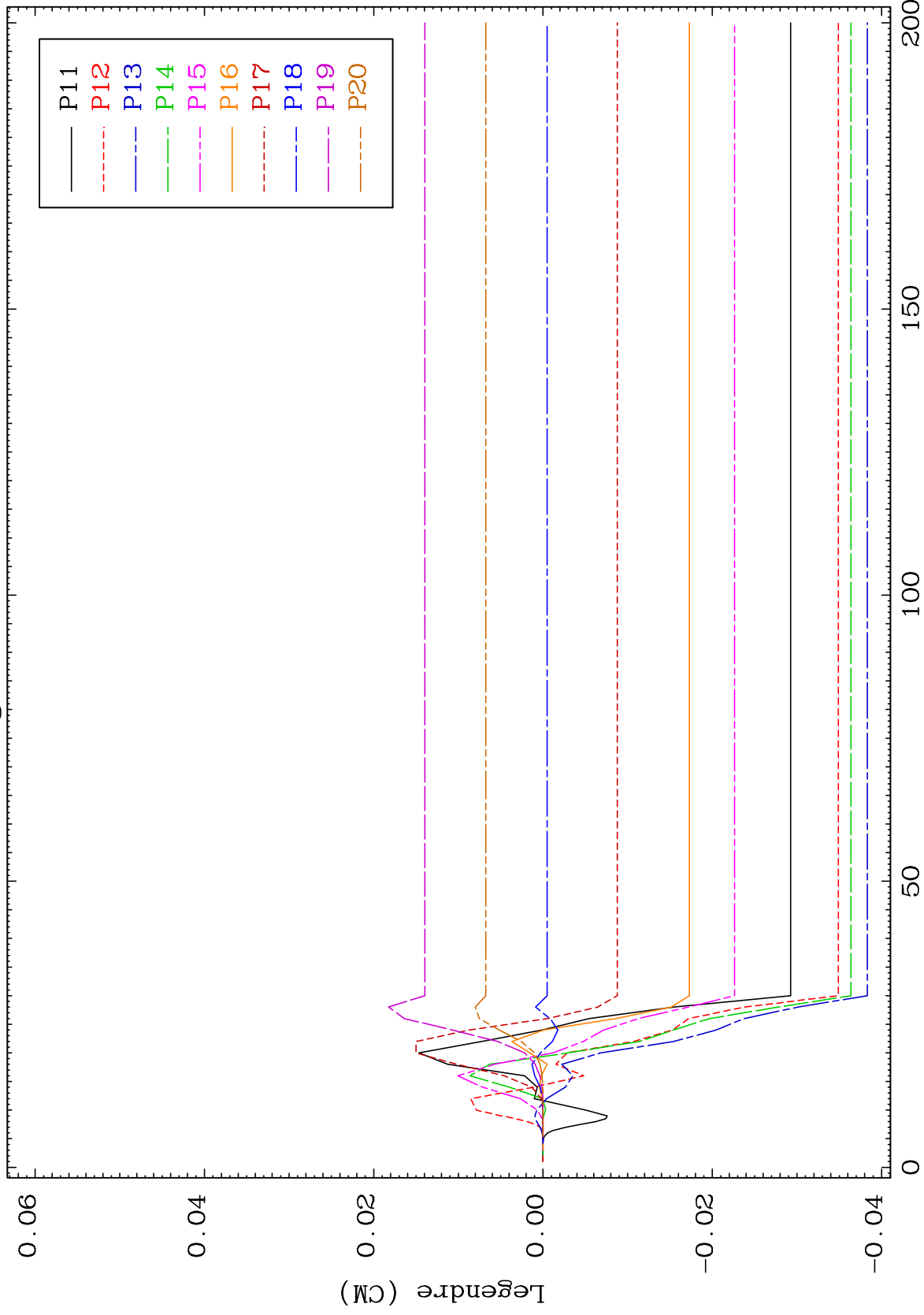
74-W -190



MAT 7455

MT= 51 (n,n') Level
Legendre Coefficients

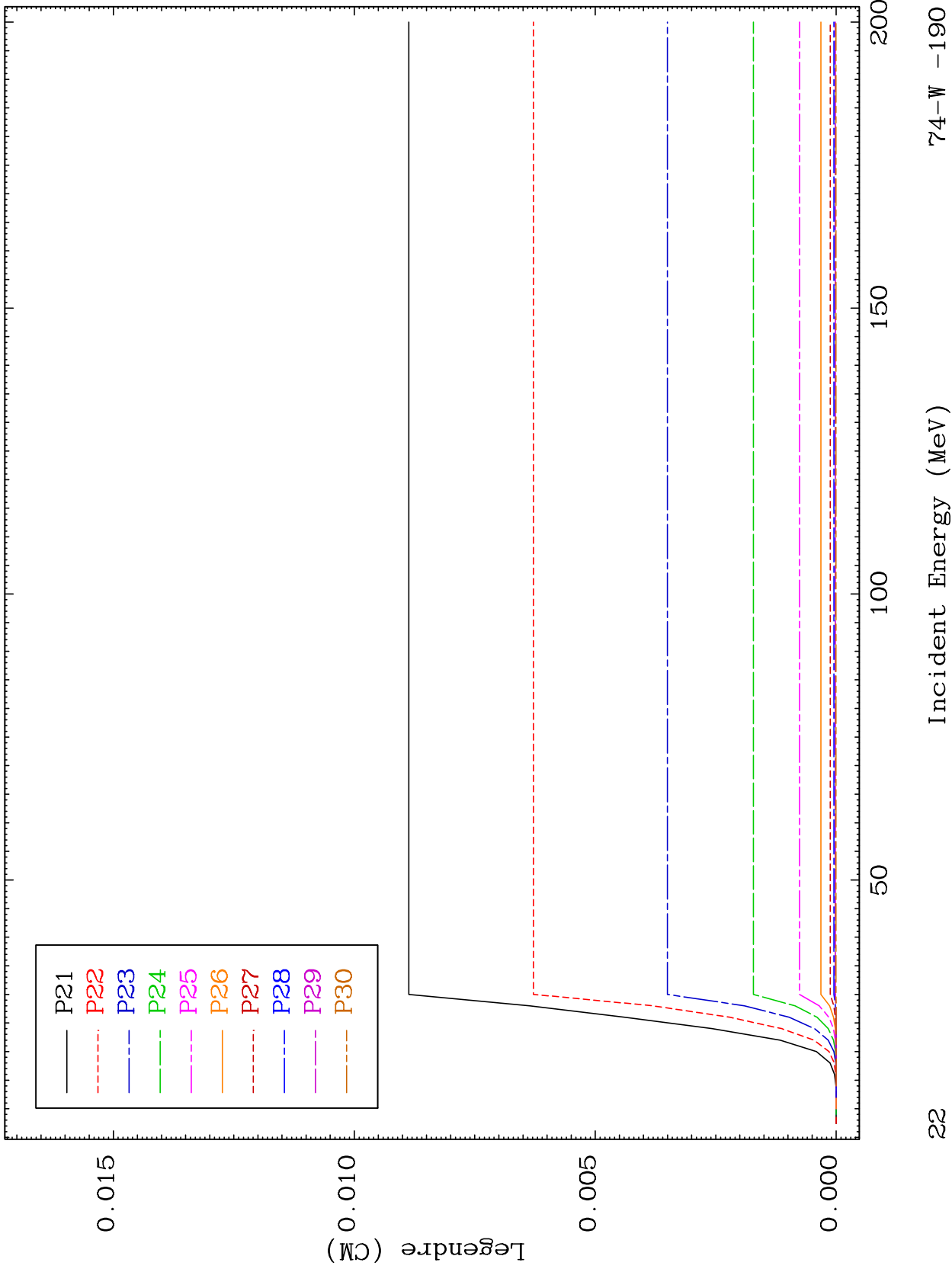
74-W -190

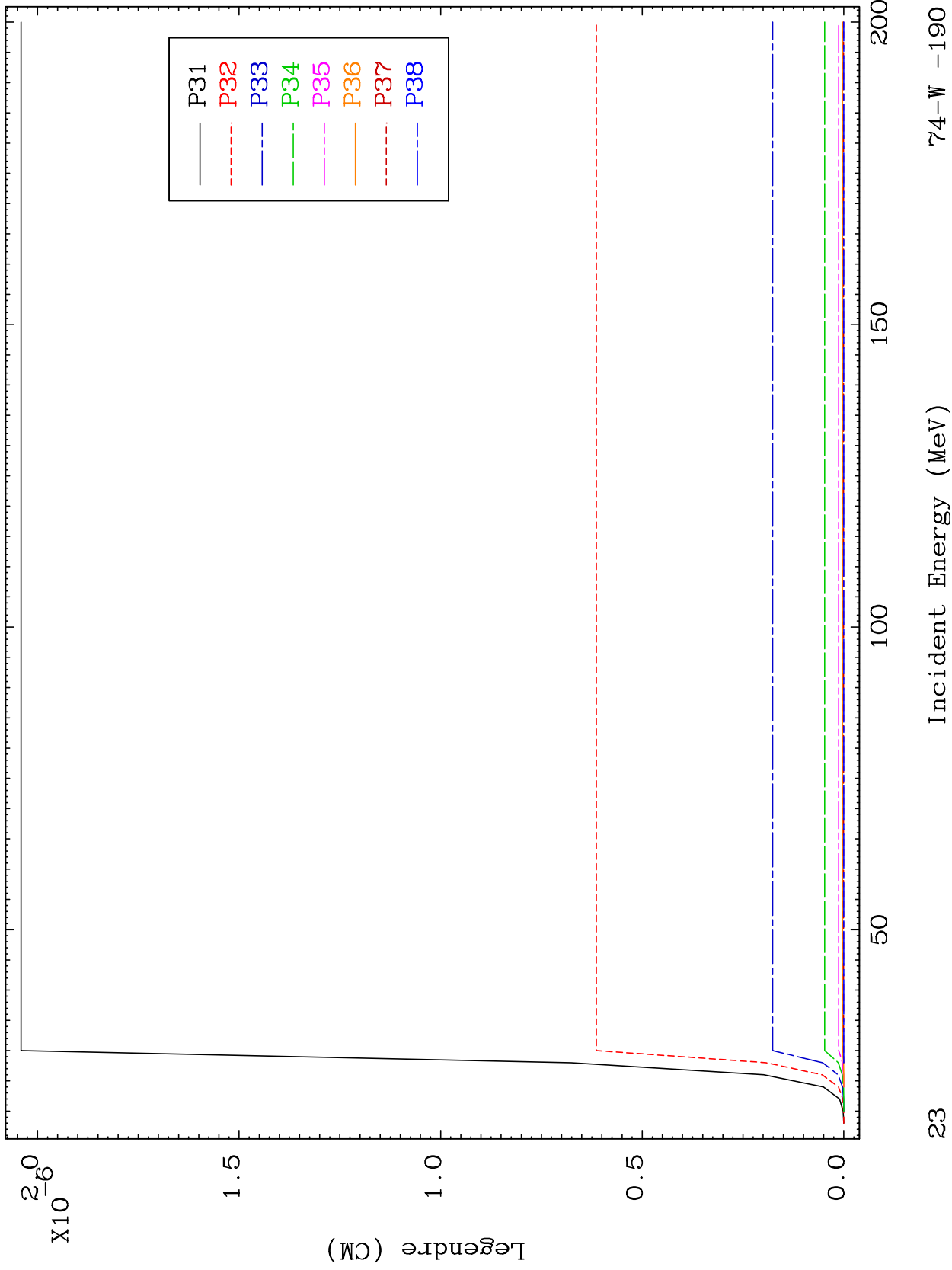


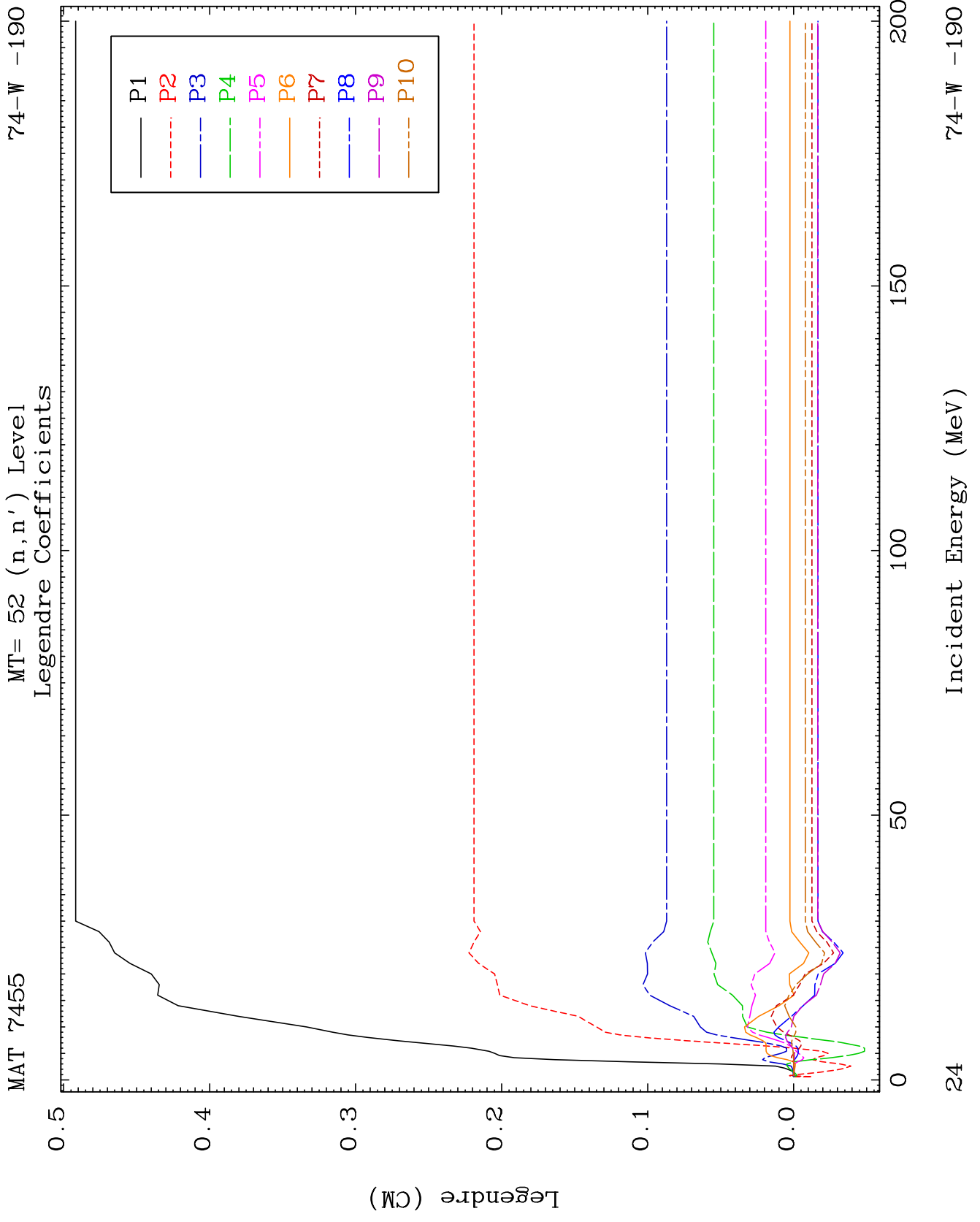
21

Incident Energy (MeV)

74-W -190



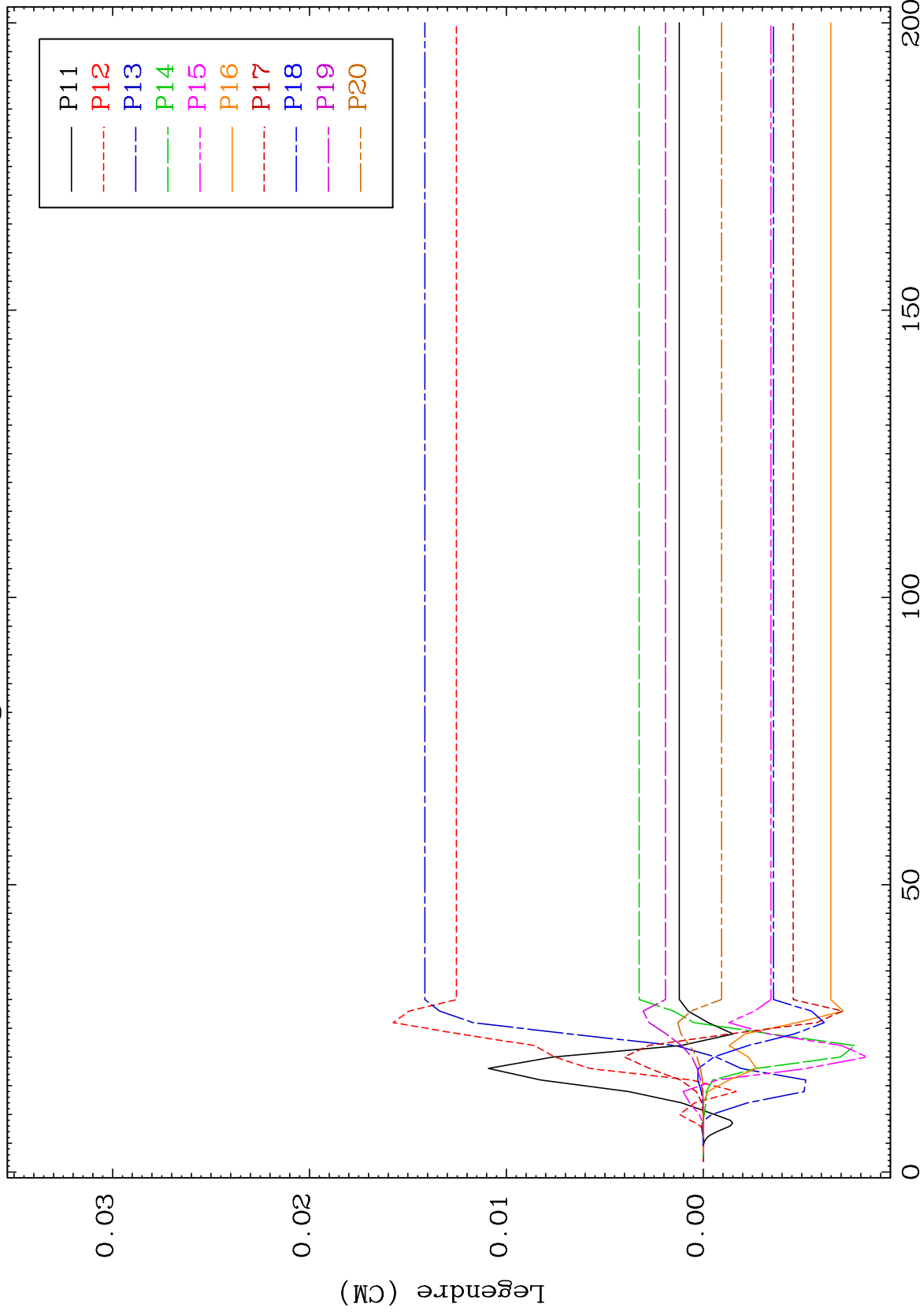




MAT 7455

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

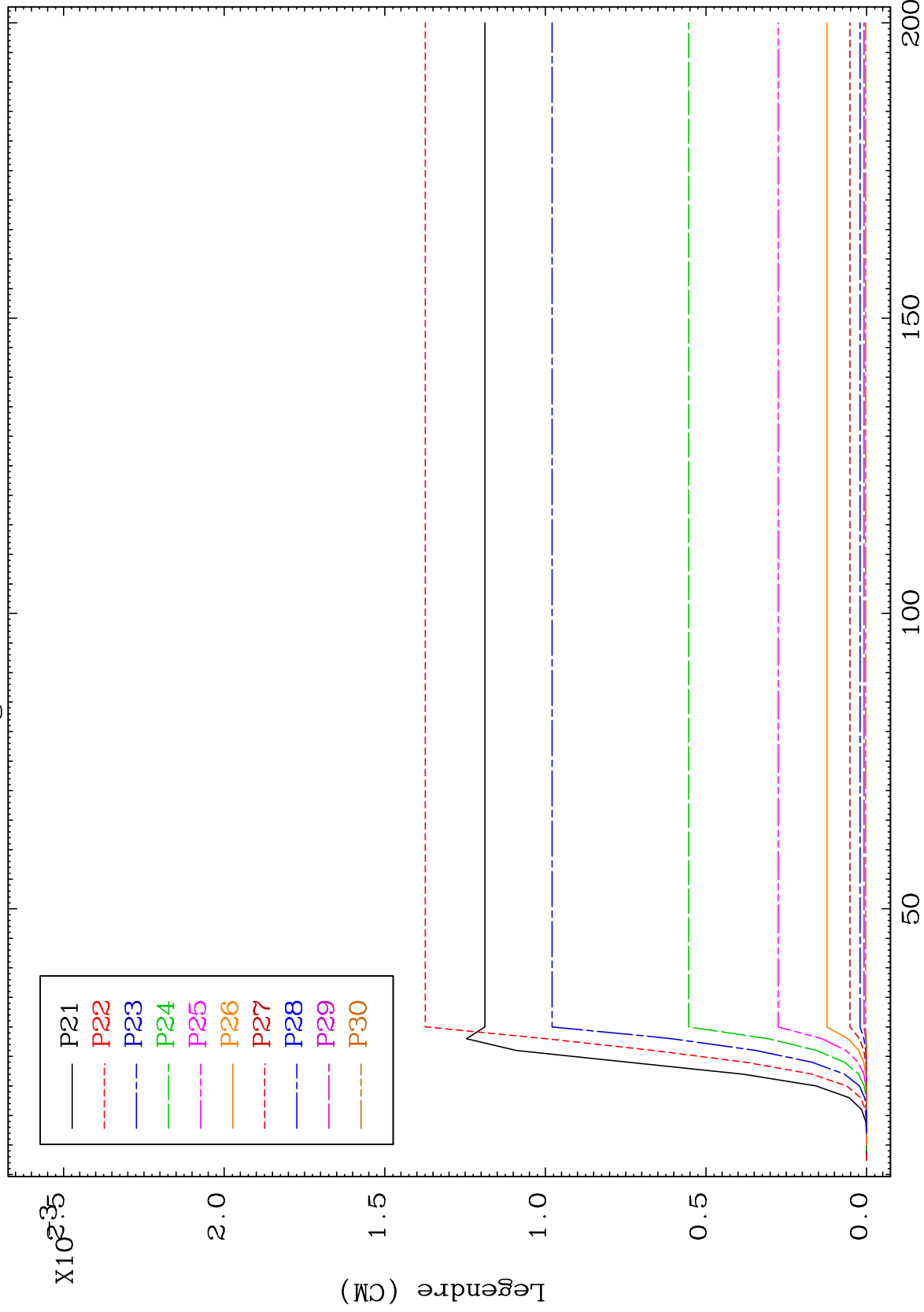
74-W -190

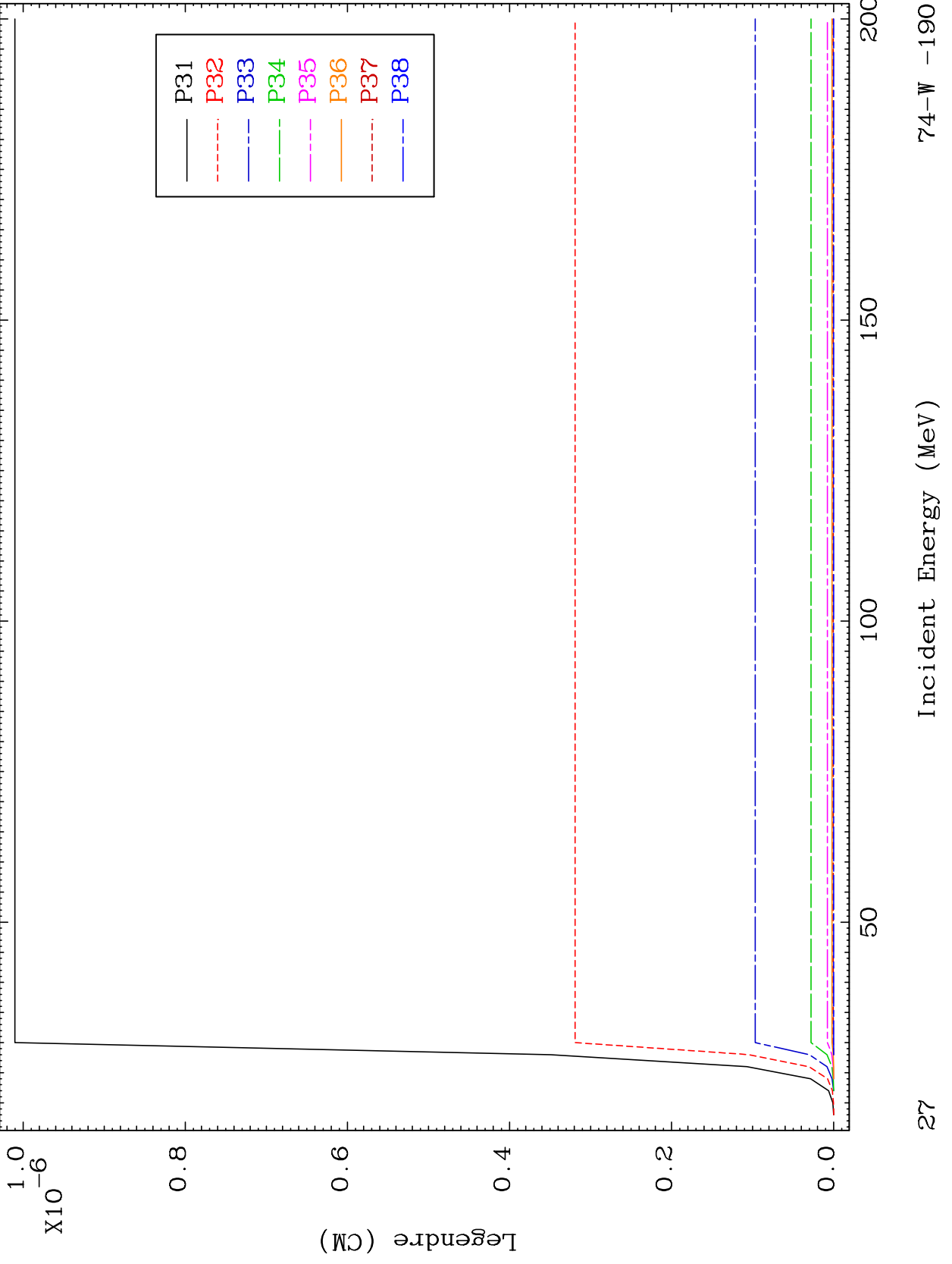


25

Incident Energy (MeV)

74-W -190

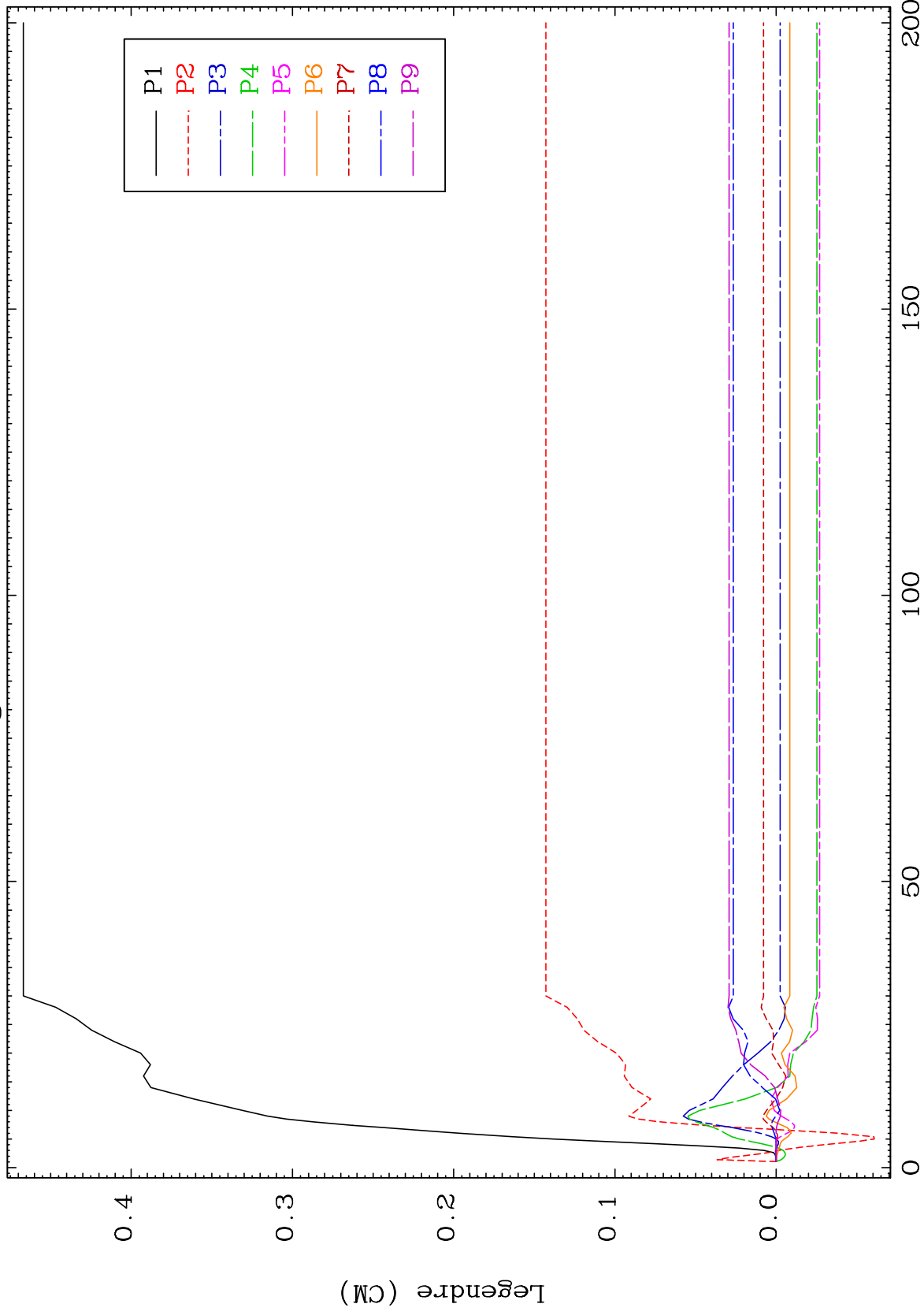




MAT 7455

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

74-W -190



74-W -190

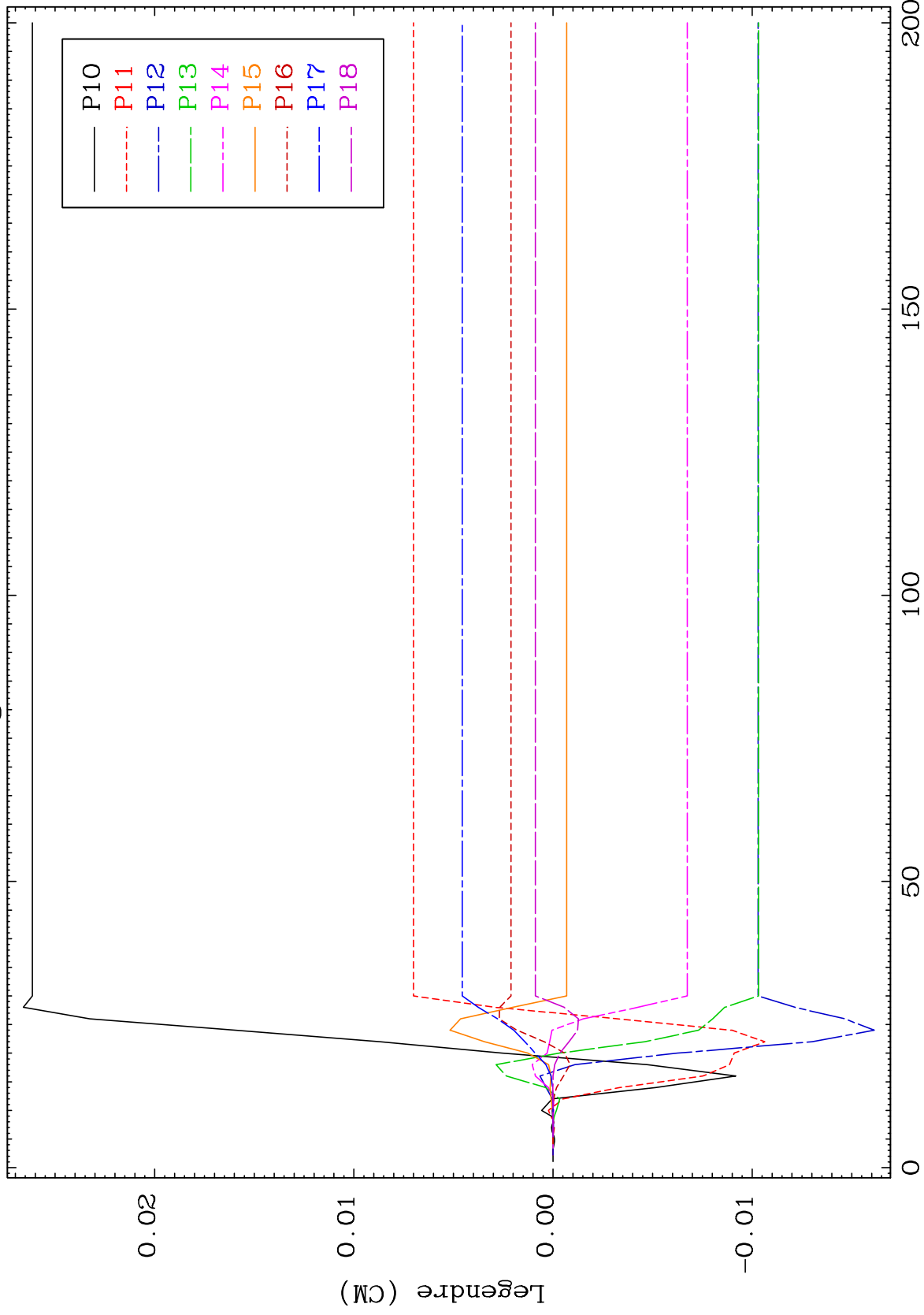
Incident Energy (MeV)

28

MAT 7455

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

74-W -190



29

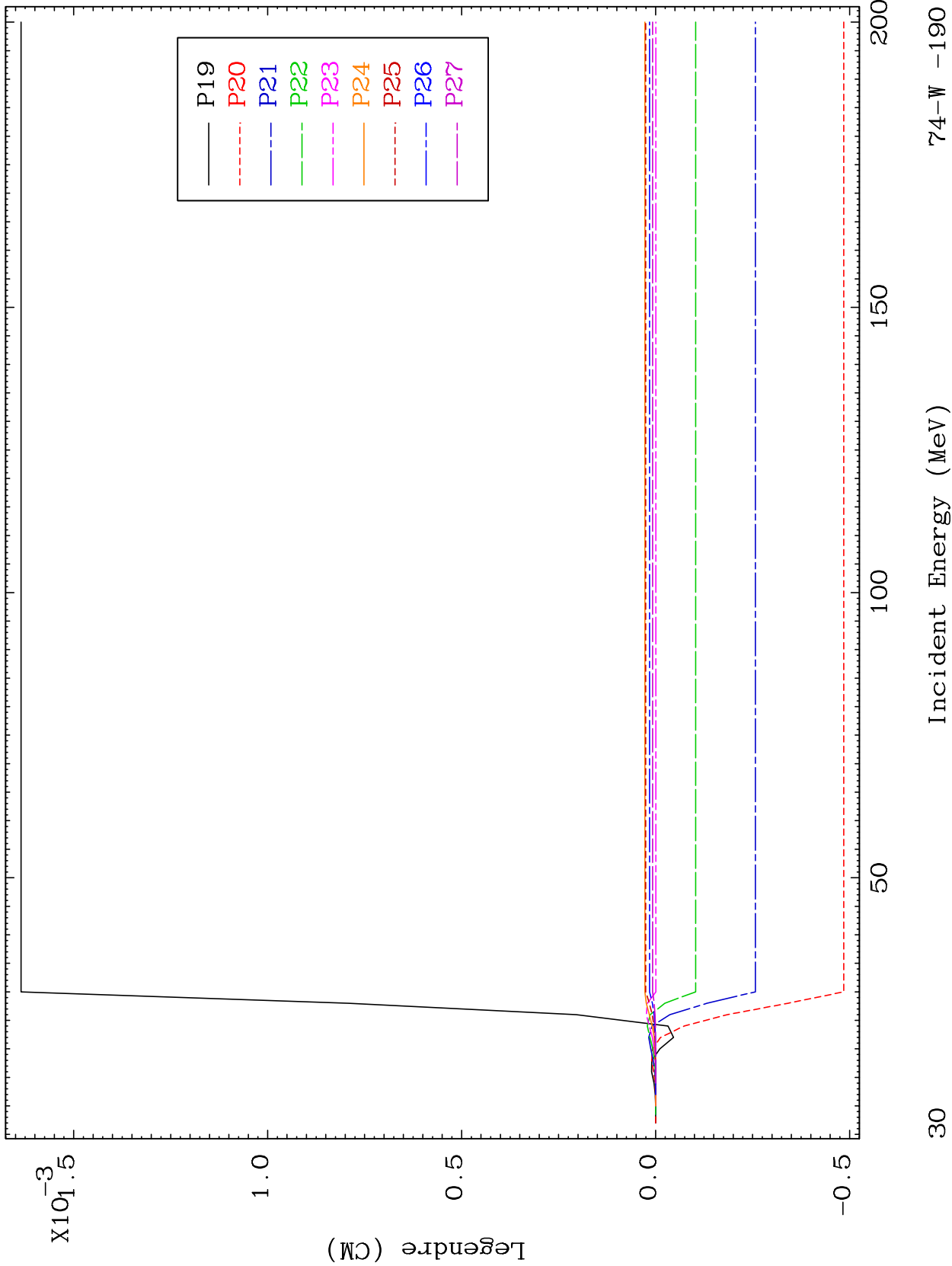
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



30

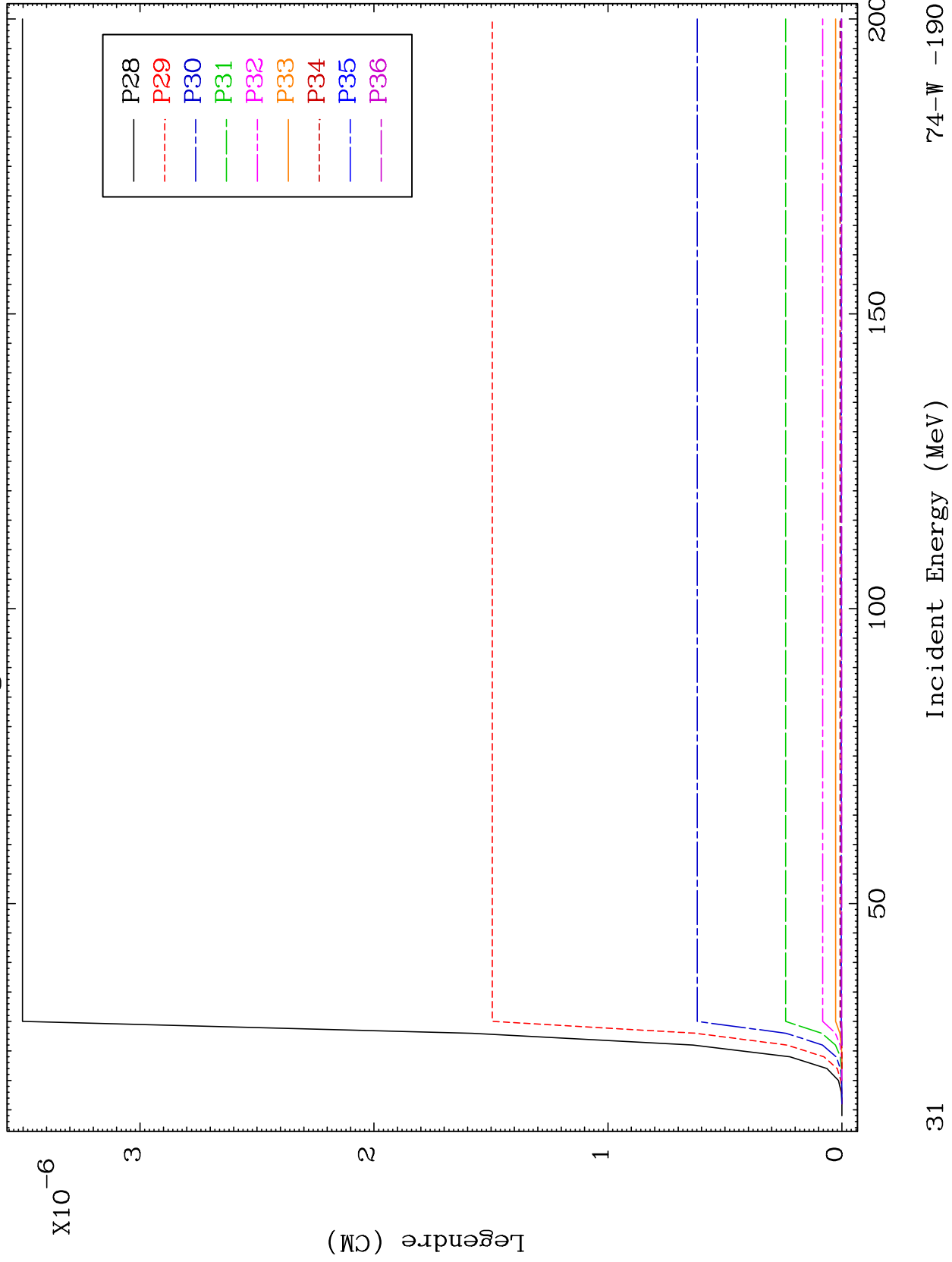
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



31

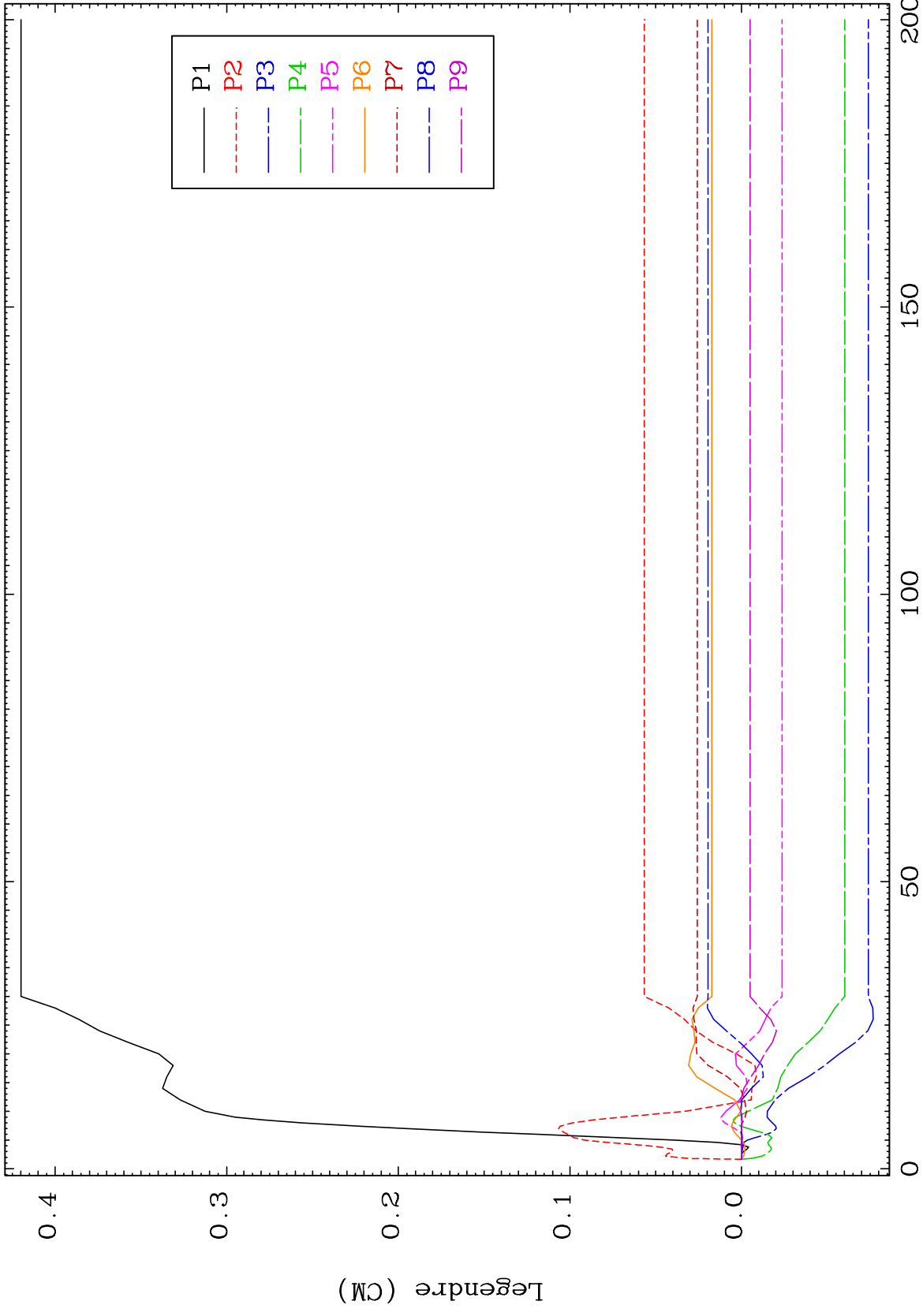
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



32

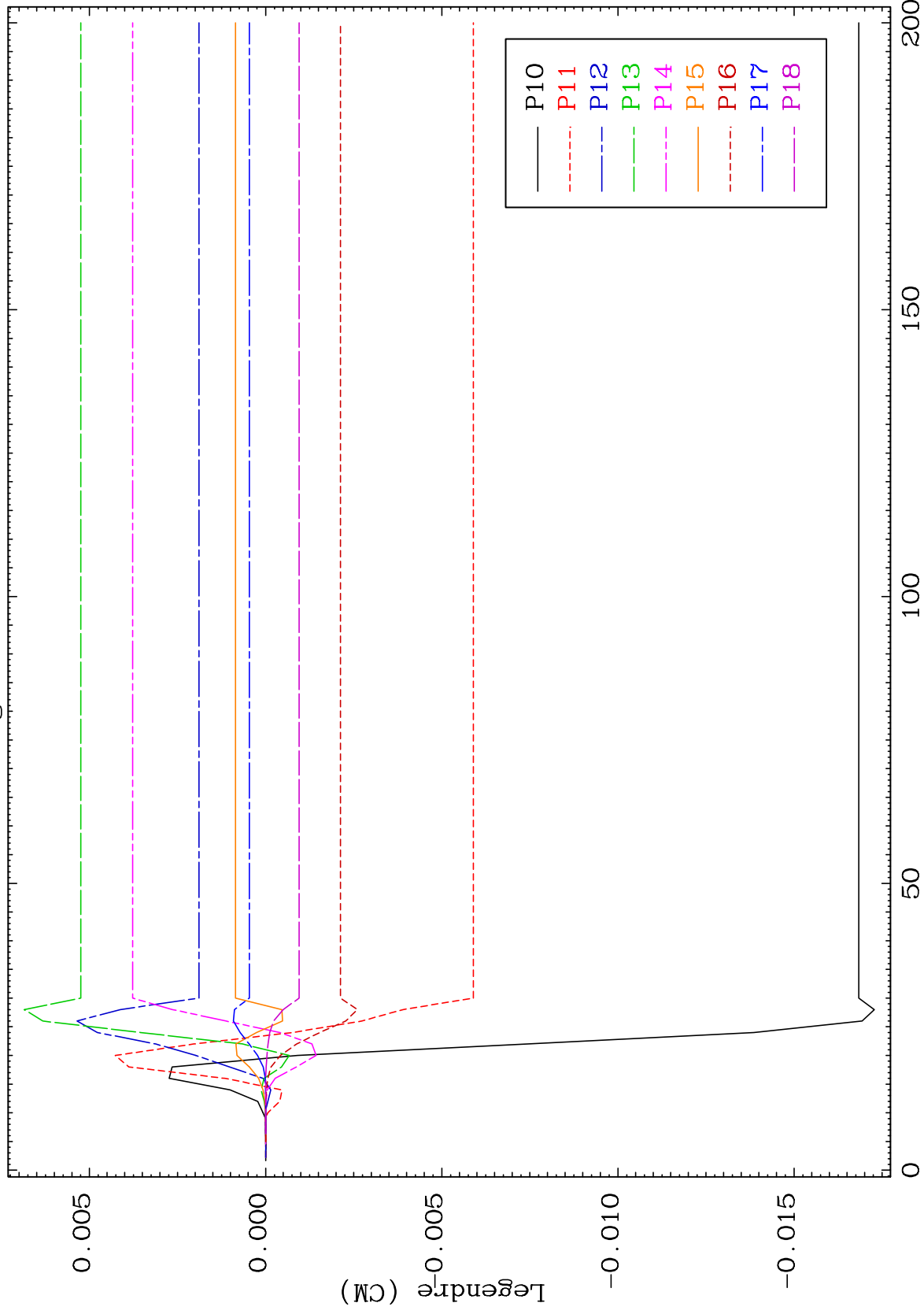
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



33

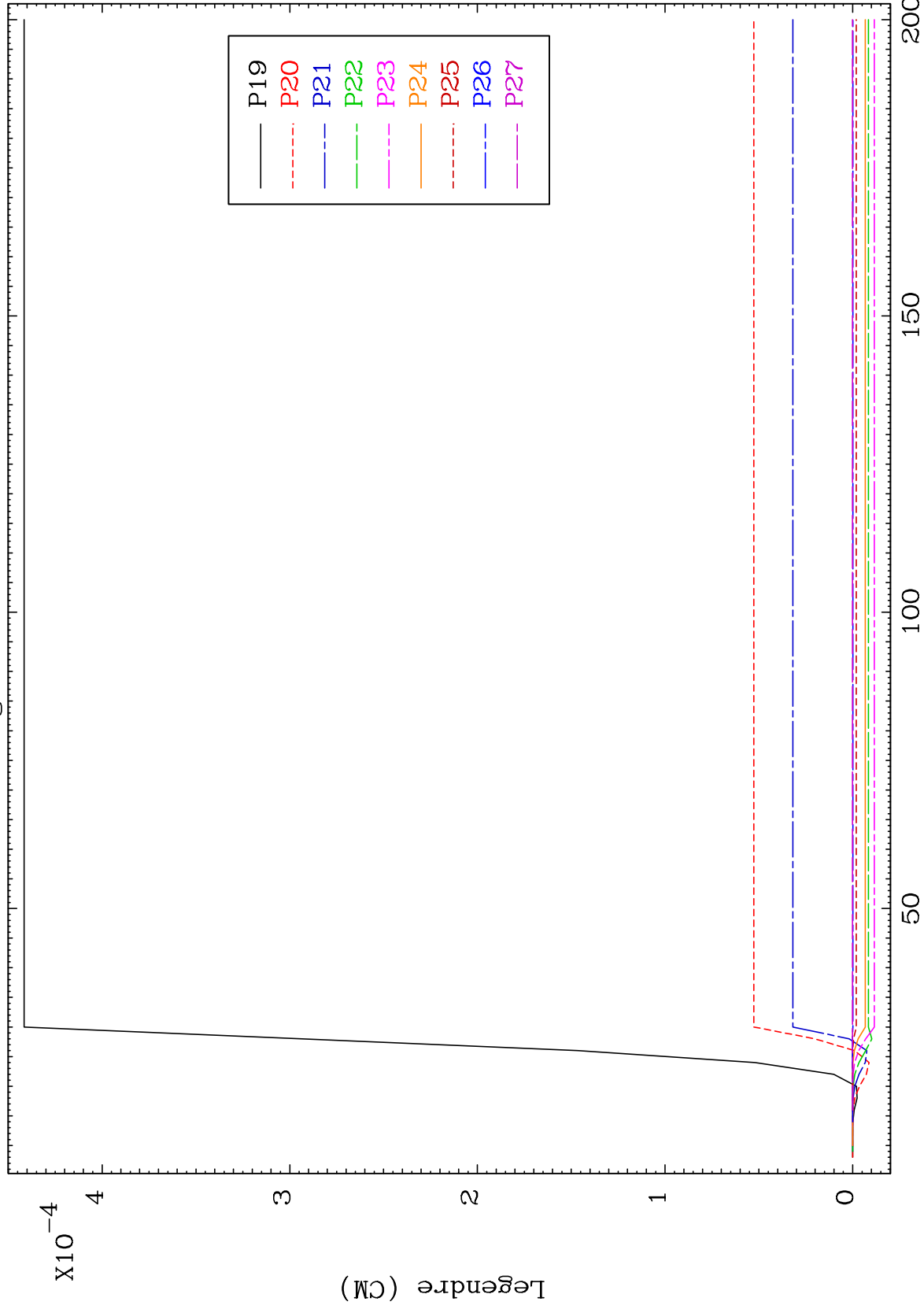
Incident Energy (MeV)

74-W -190

MAT 7455

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

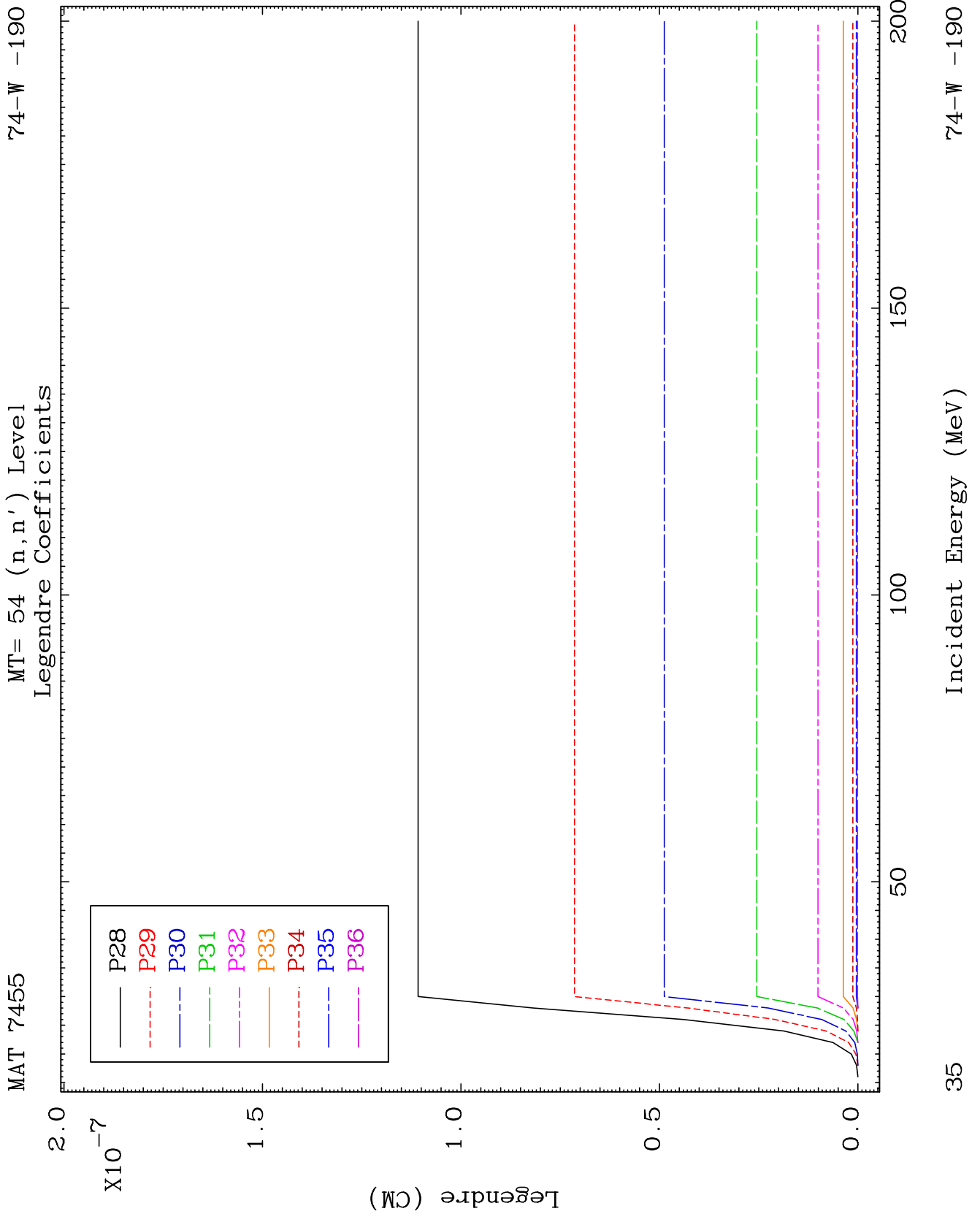
74-W -190



34

Incident Energy (MeV)

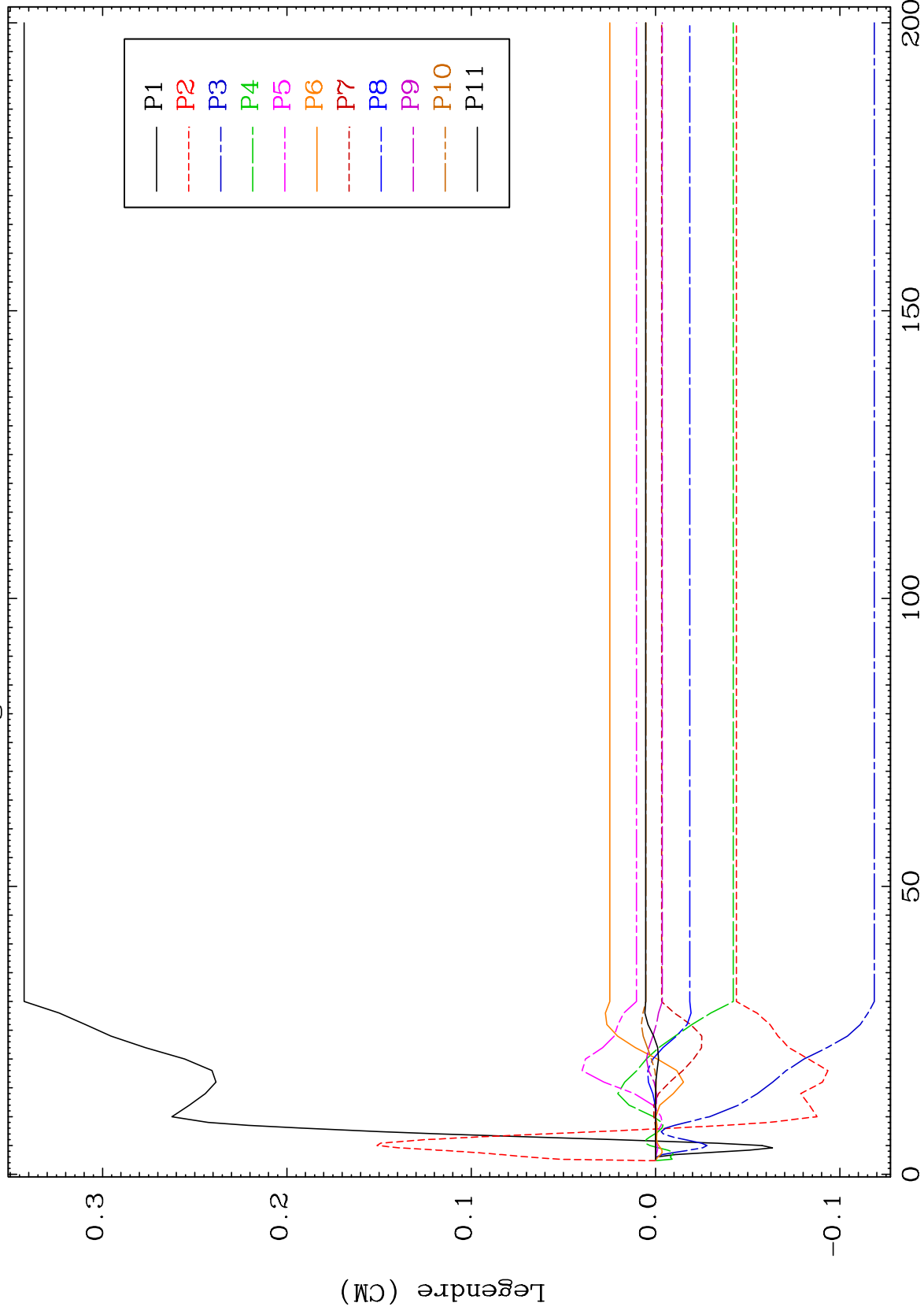
74-W -190



MAT 7455

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

74-W -190



36

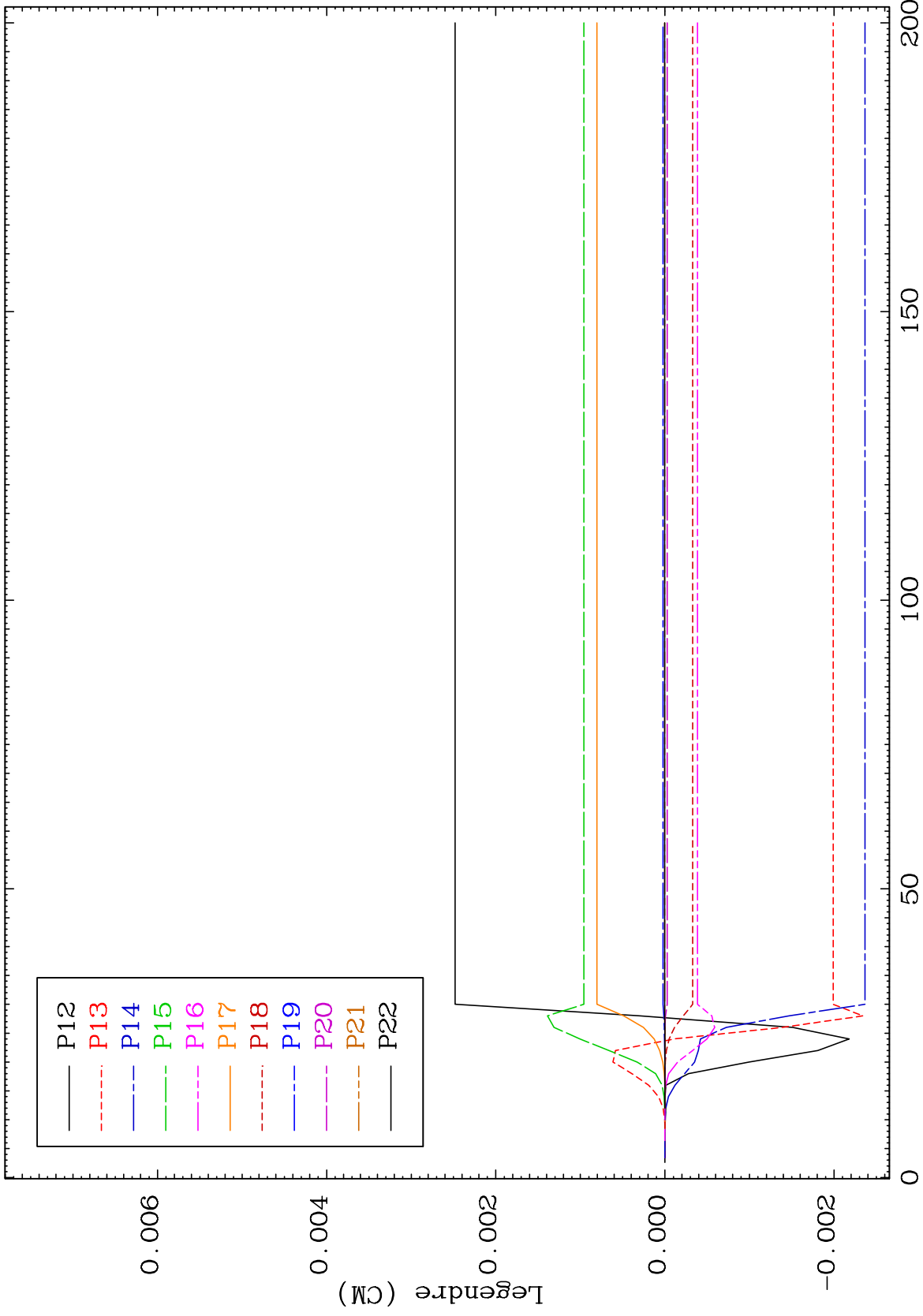
Incident Energy (MeV)

74-W -190

MAT 7455

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

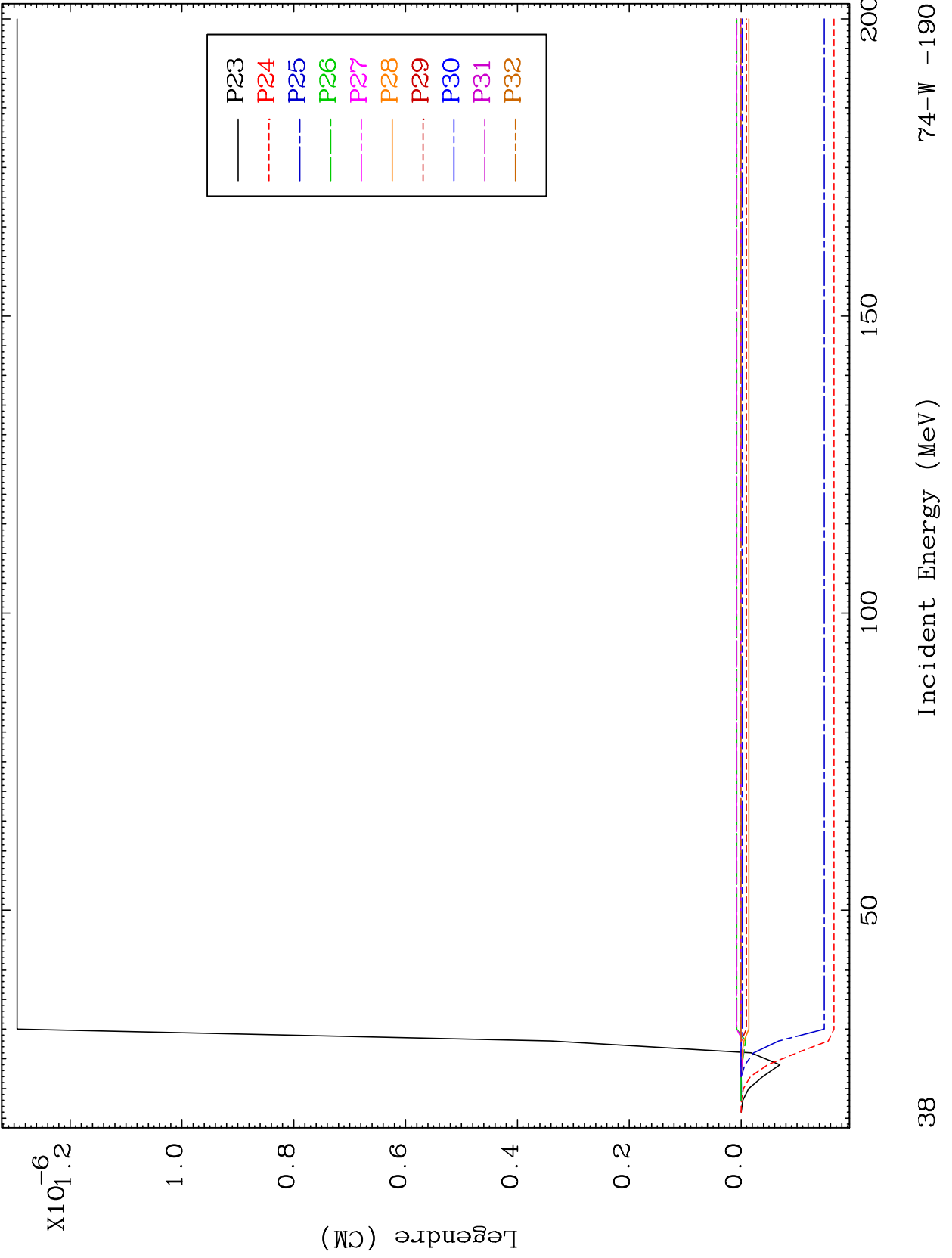
74-W -190



37

Incident Energy (MeV)

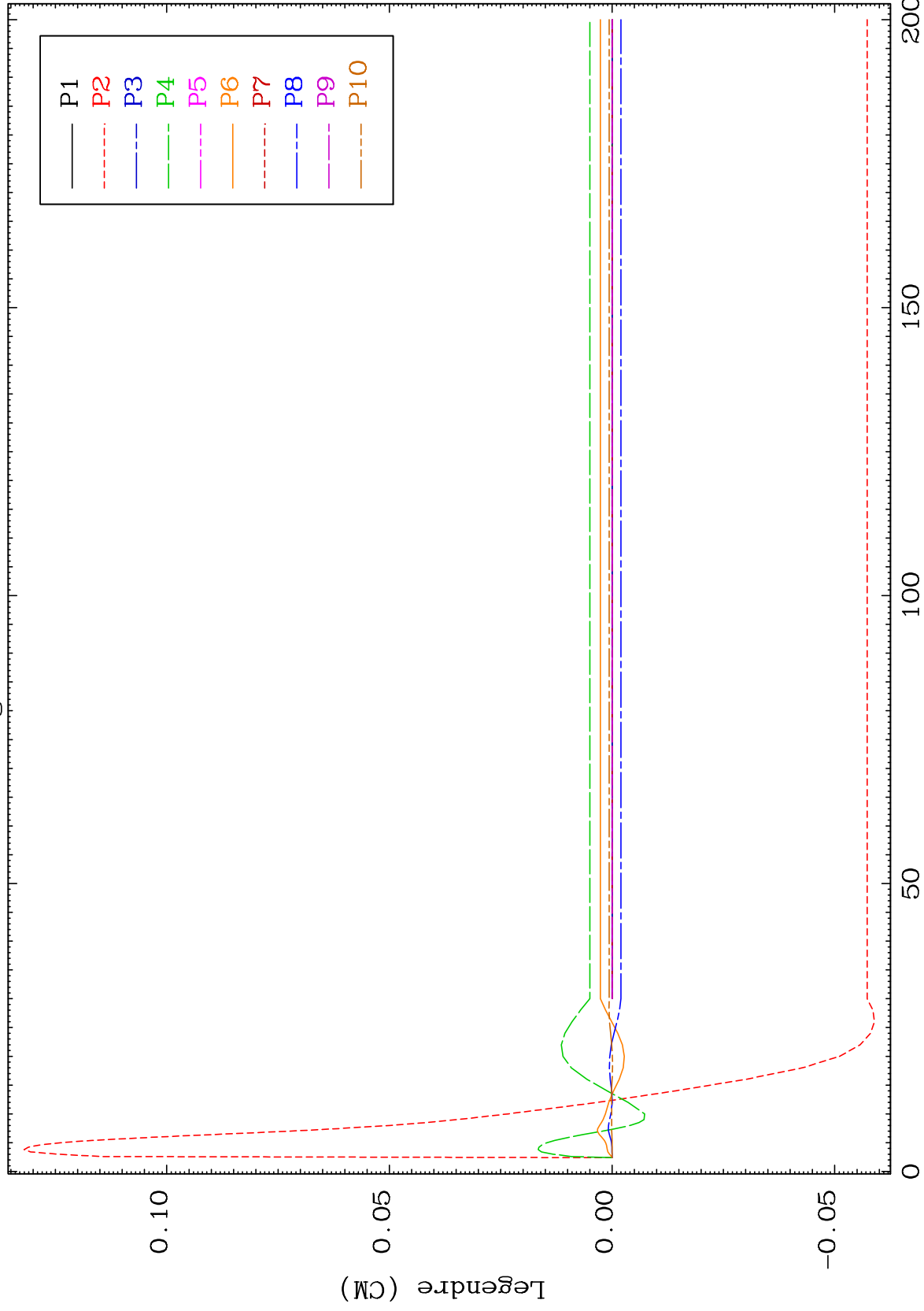
74-W -190



MAT 7455

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

74-W -190



39

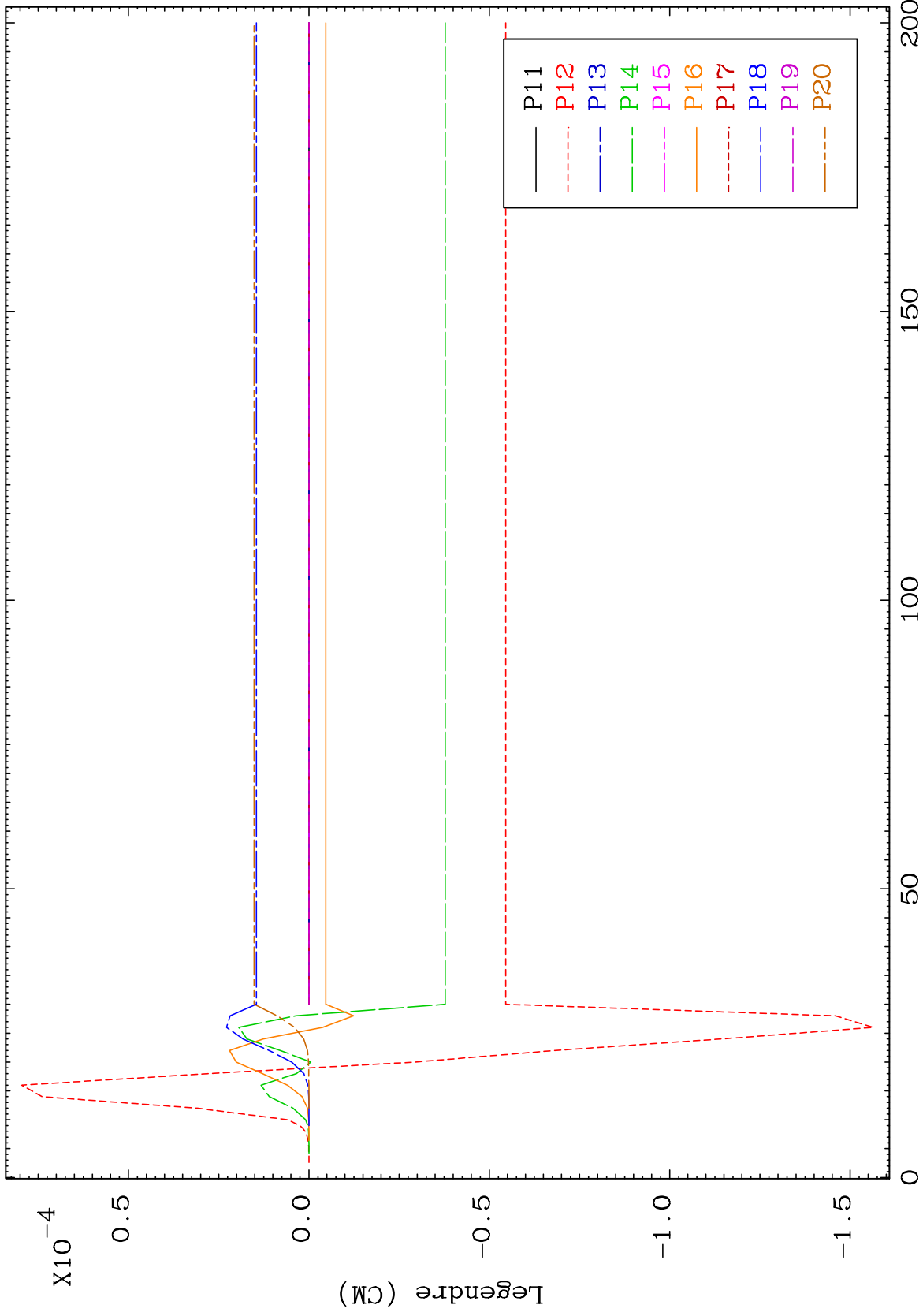
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



40

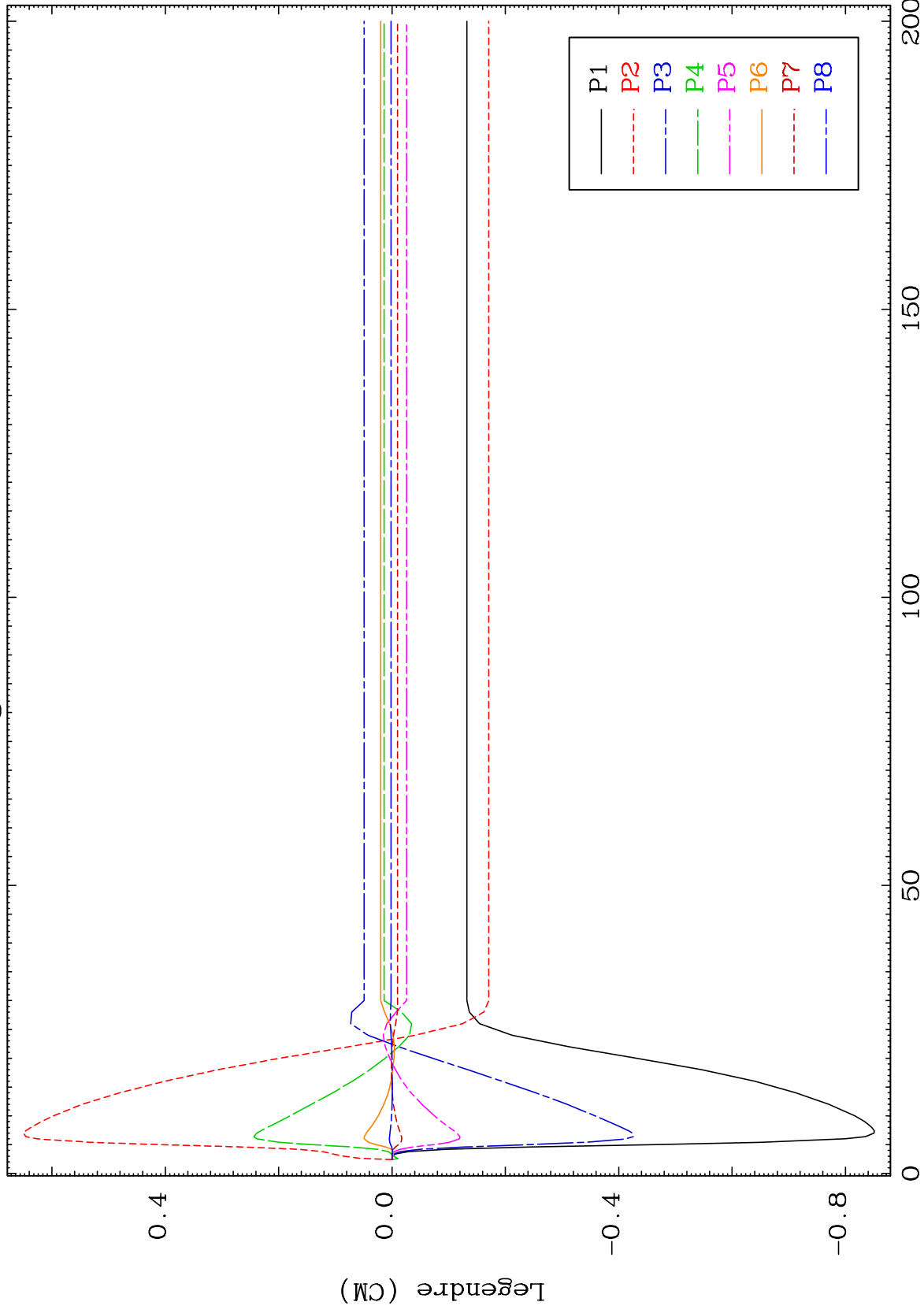
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



42

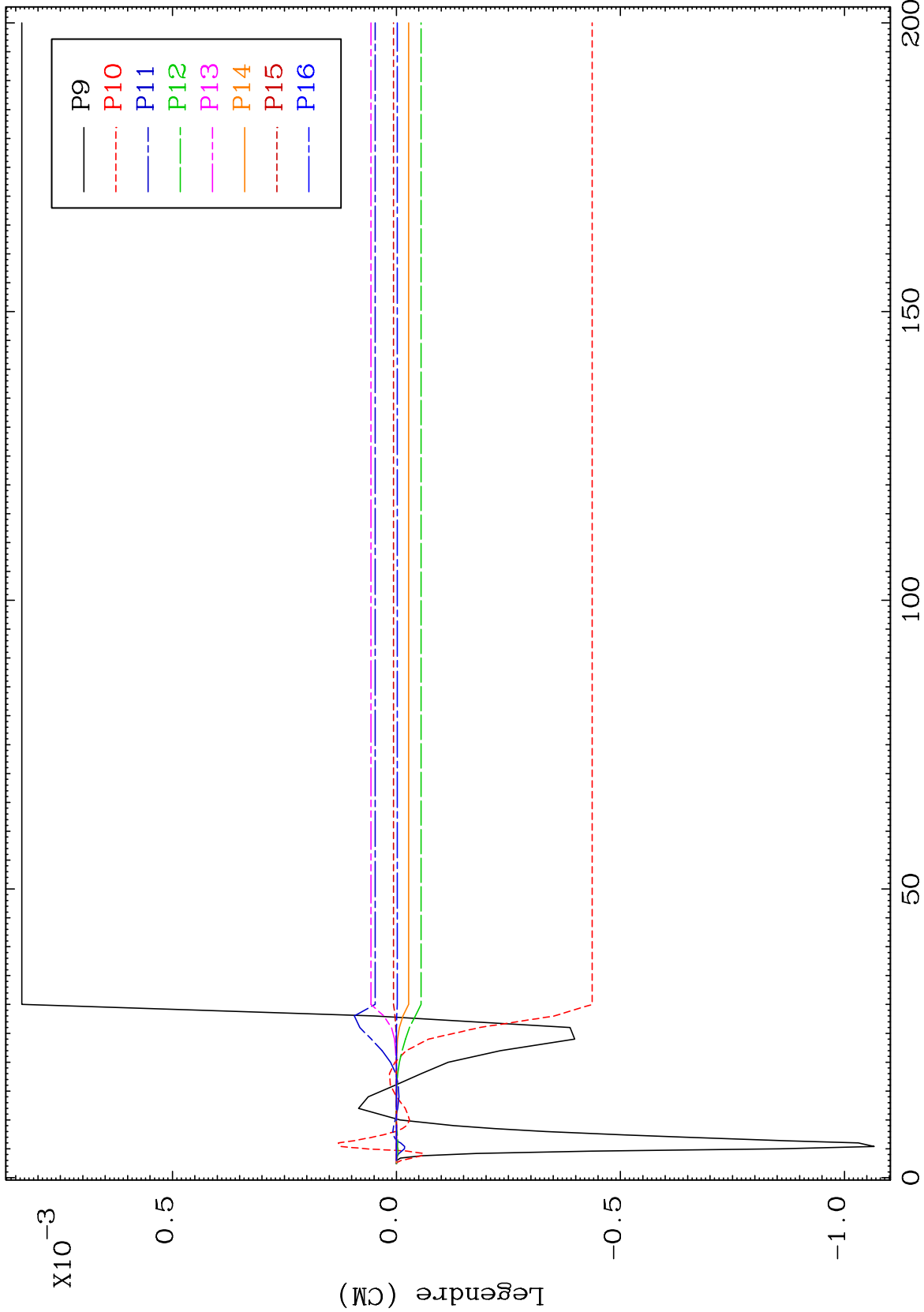
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



43

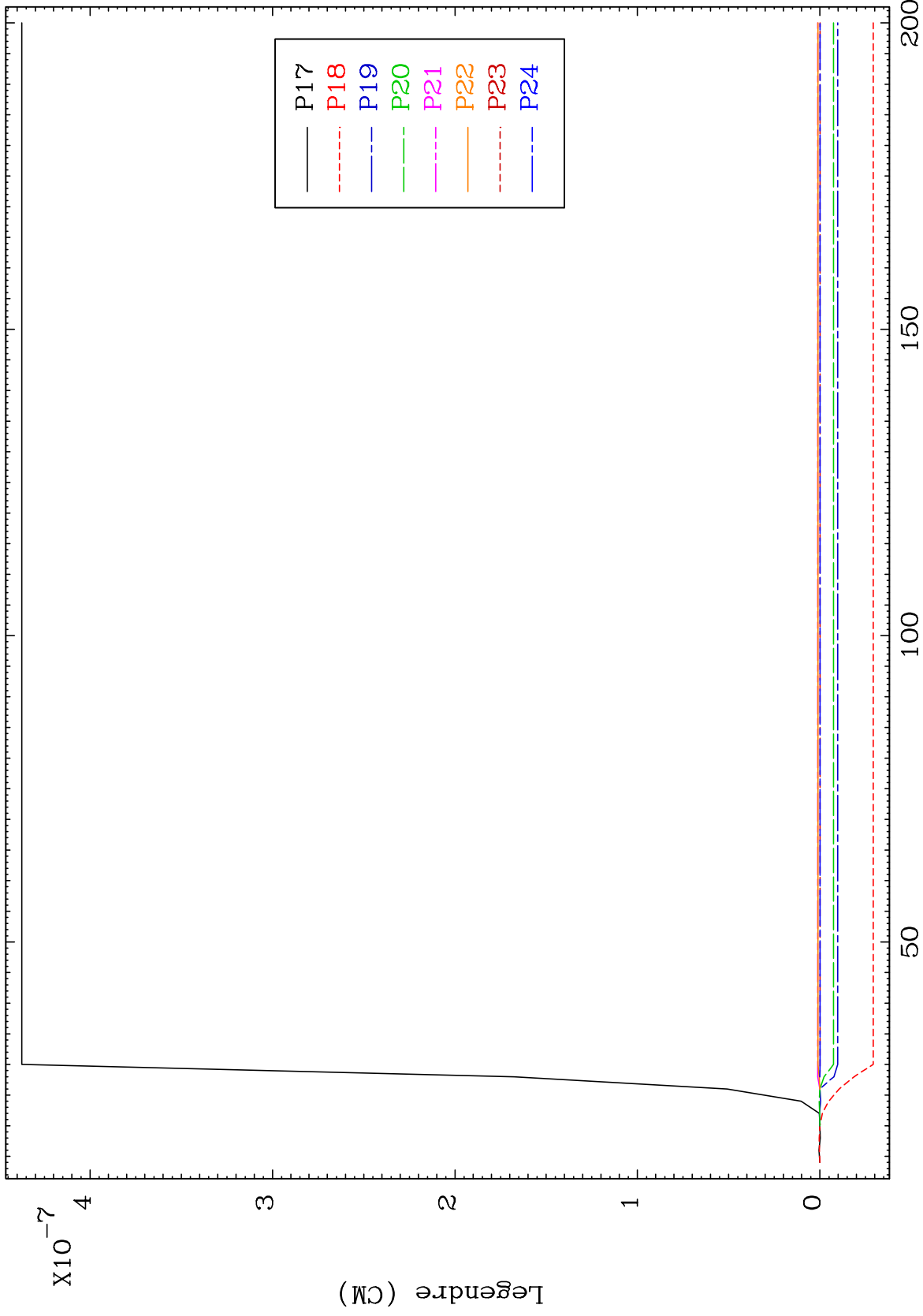
Incident Energy (MeV)

74-W -190

MAT 7455

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

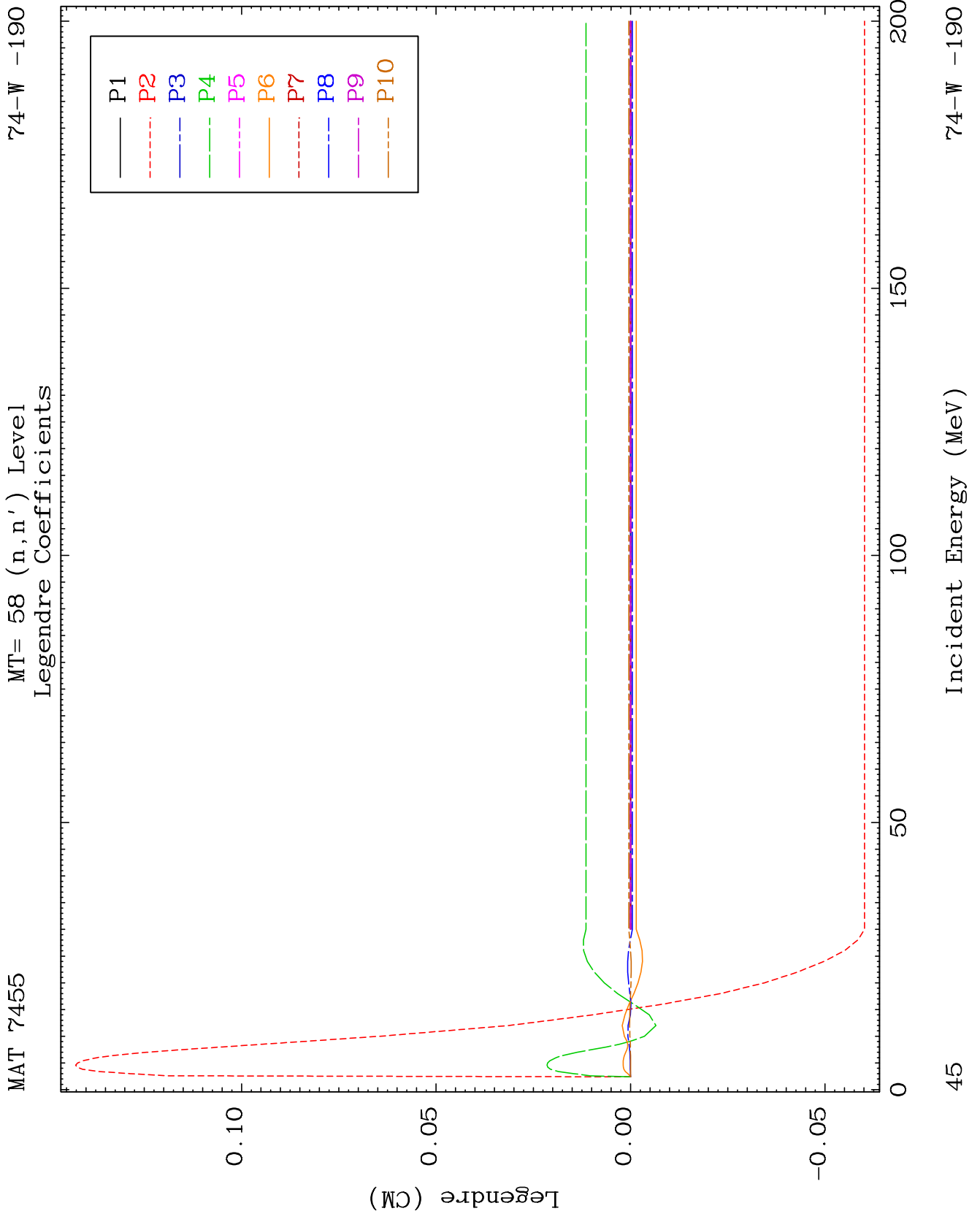
74-W -190



44

Incident Energy (MeV)

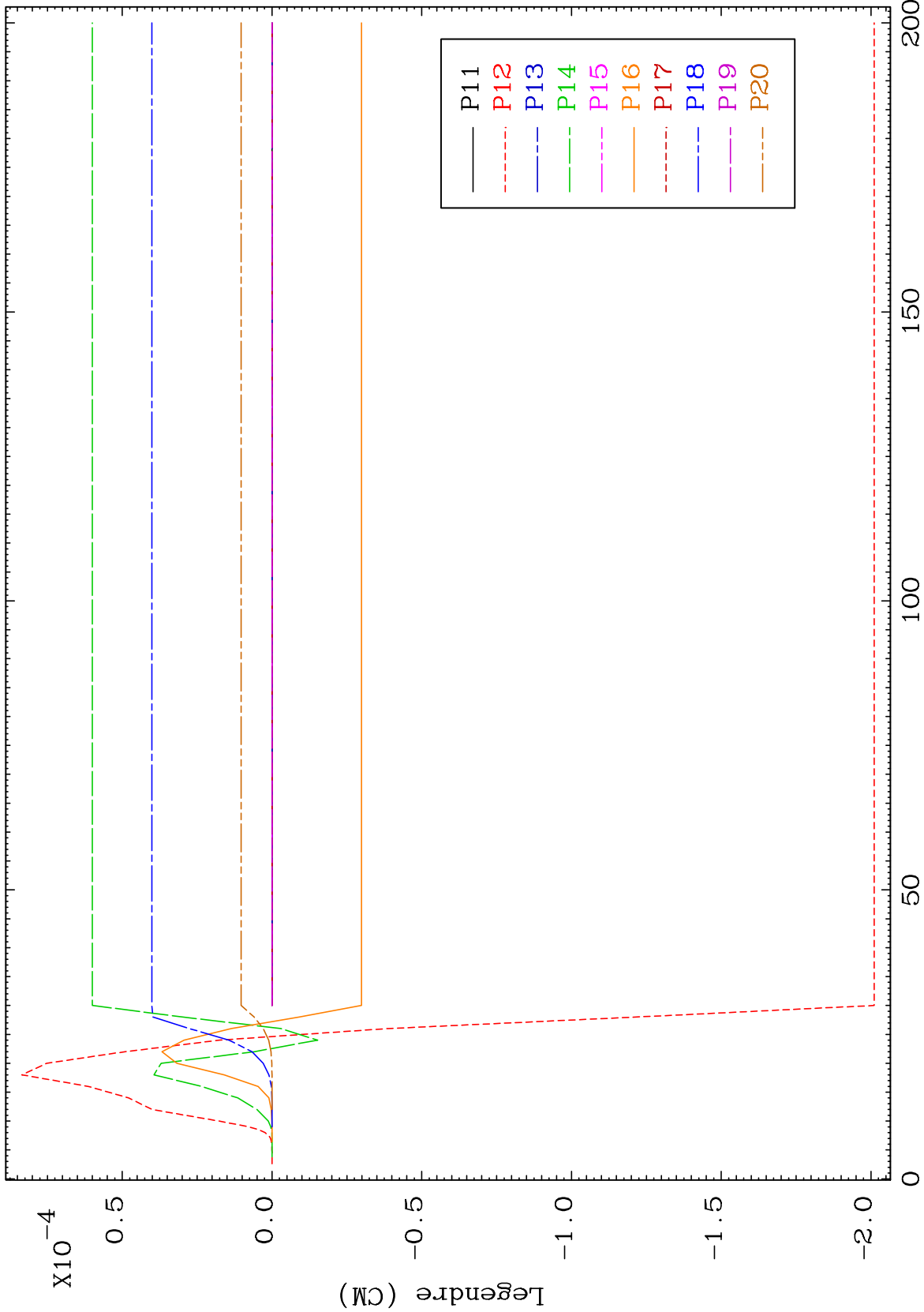
74-W -190



MAT 7455

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

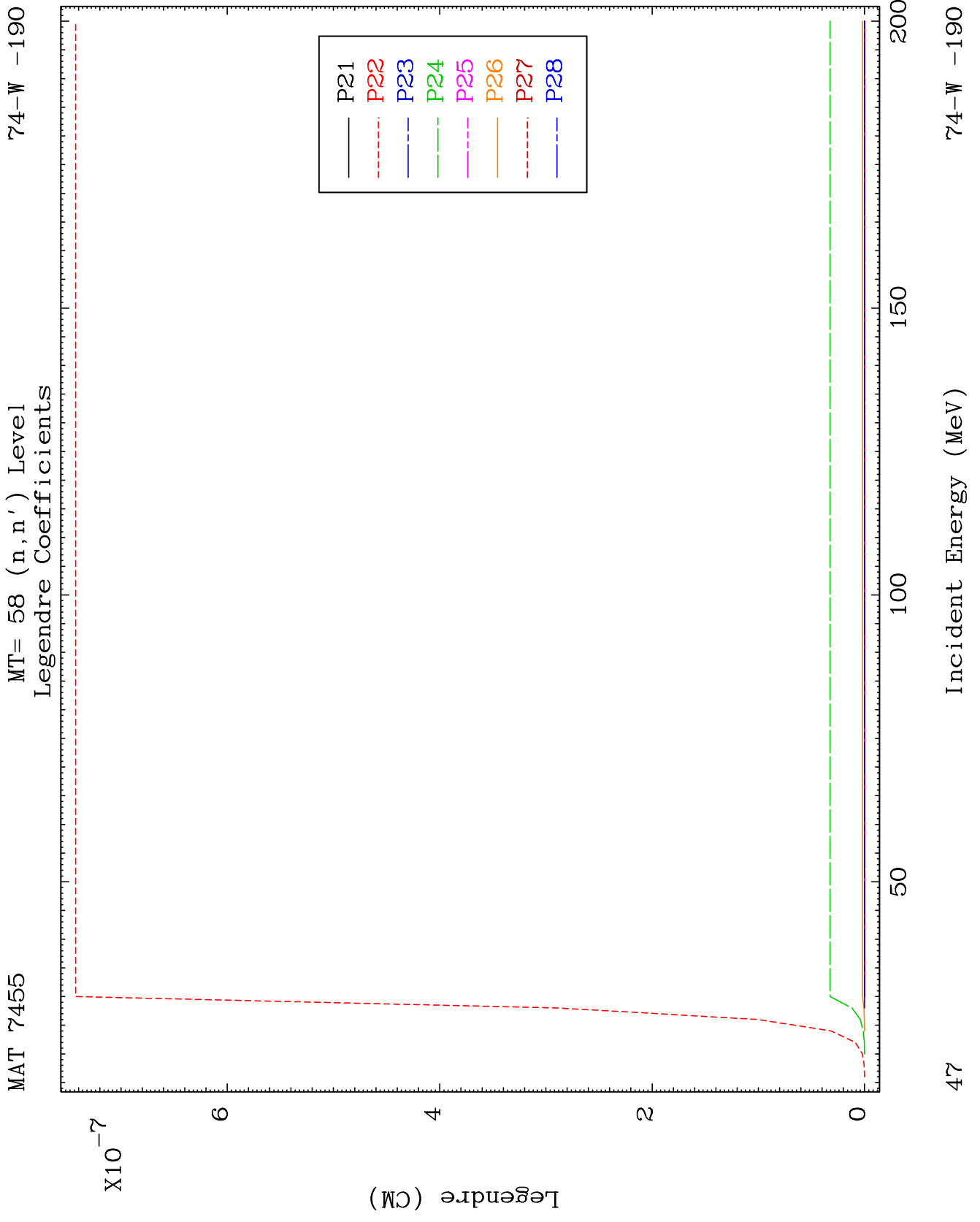
74-W -190



46

Incident Energy (MeV)

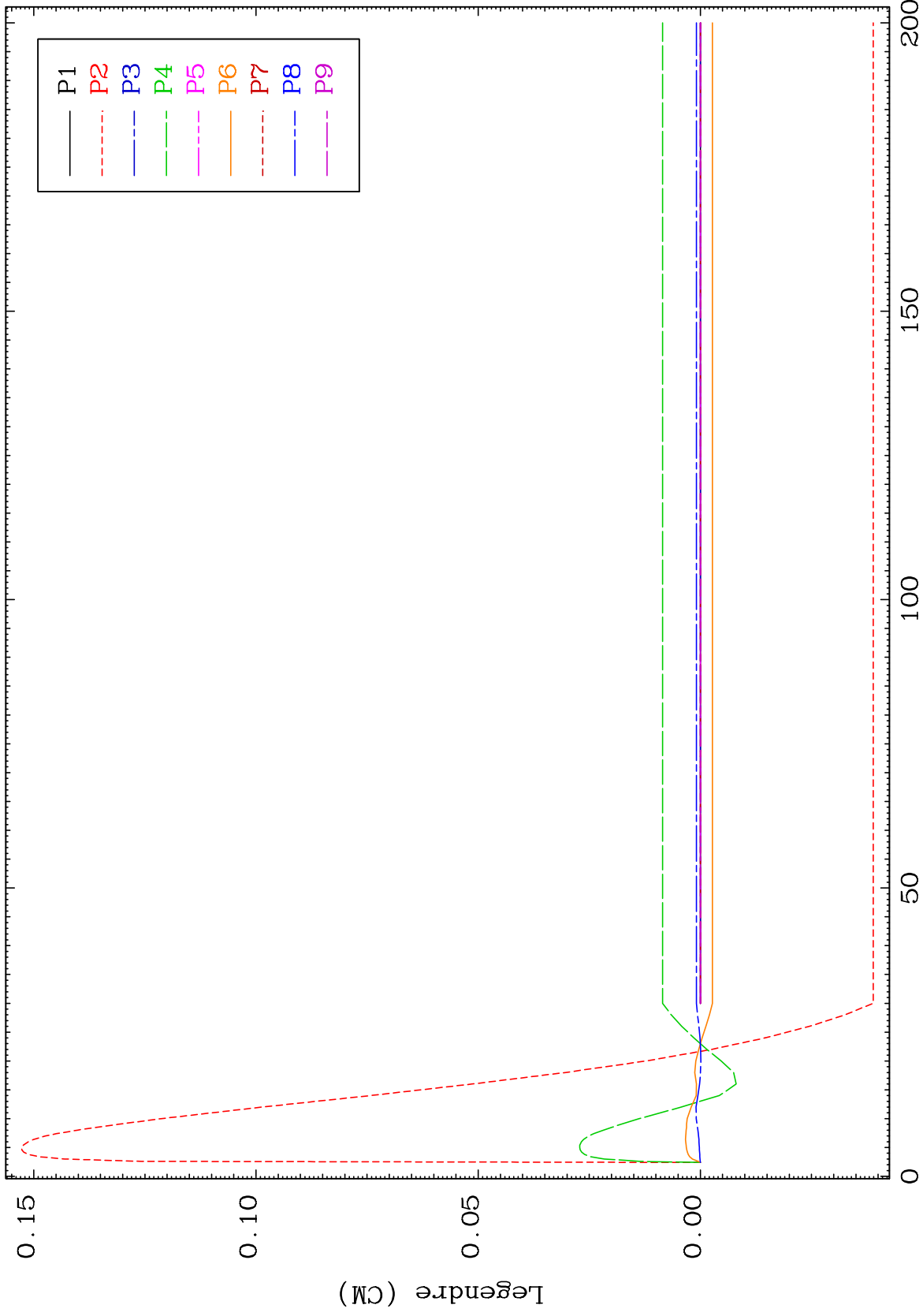
74-W -190



MAT 7455

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

74-W -190



48

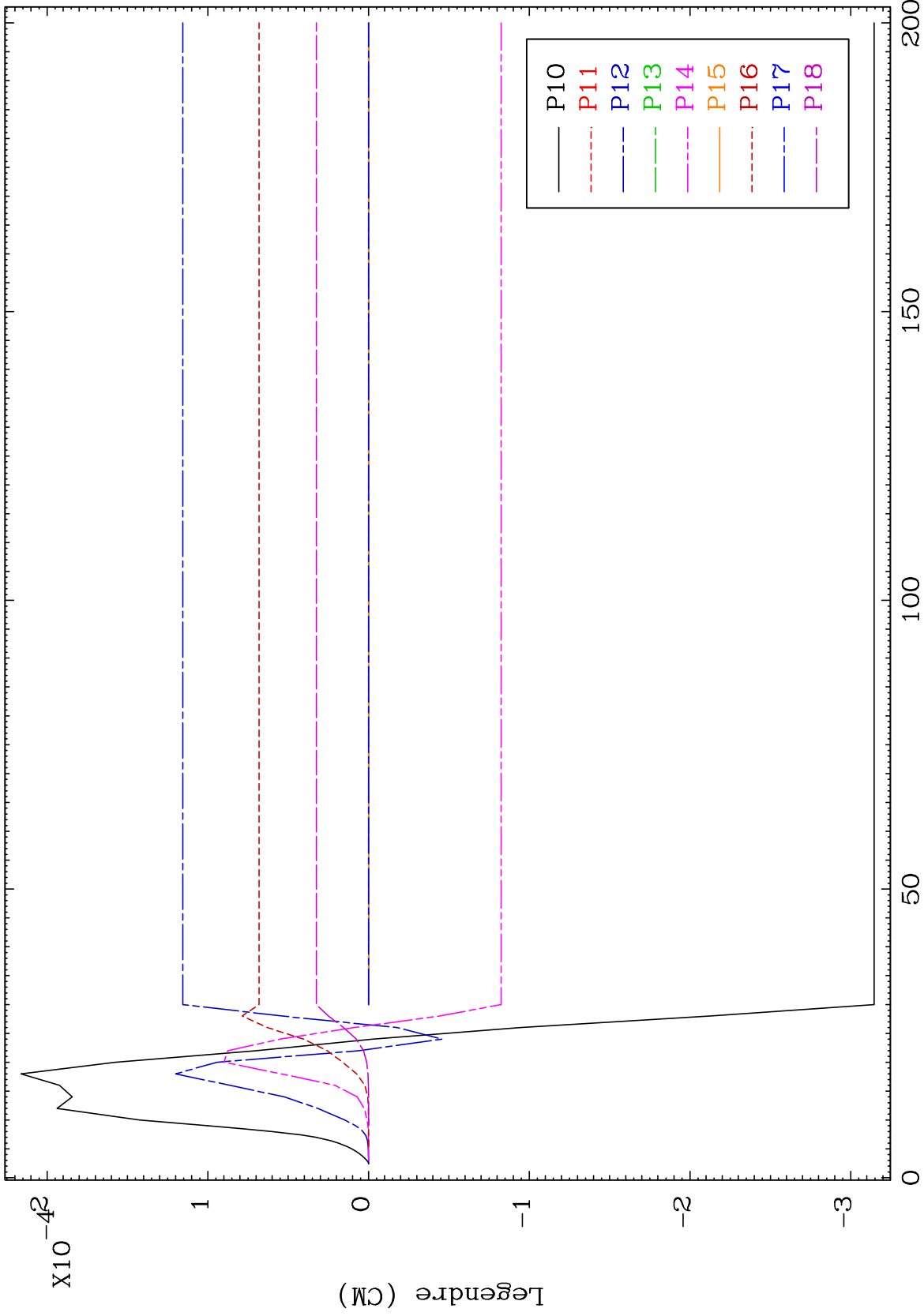
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



49

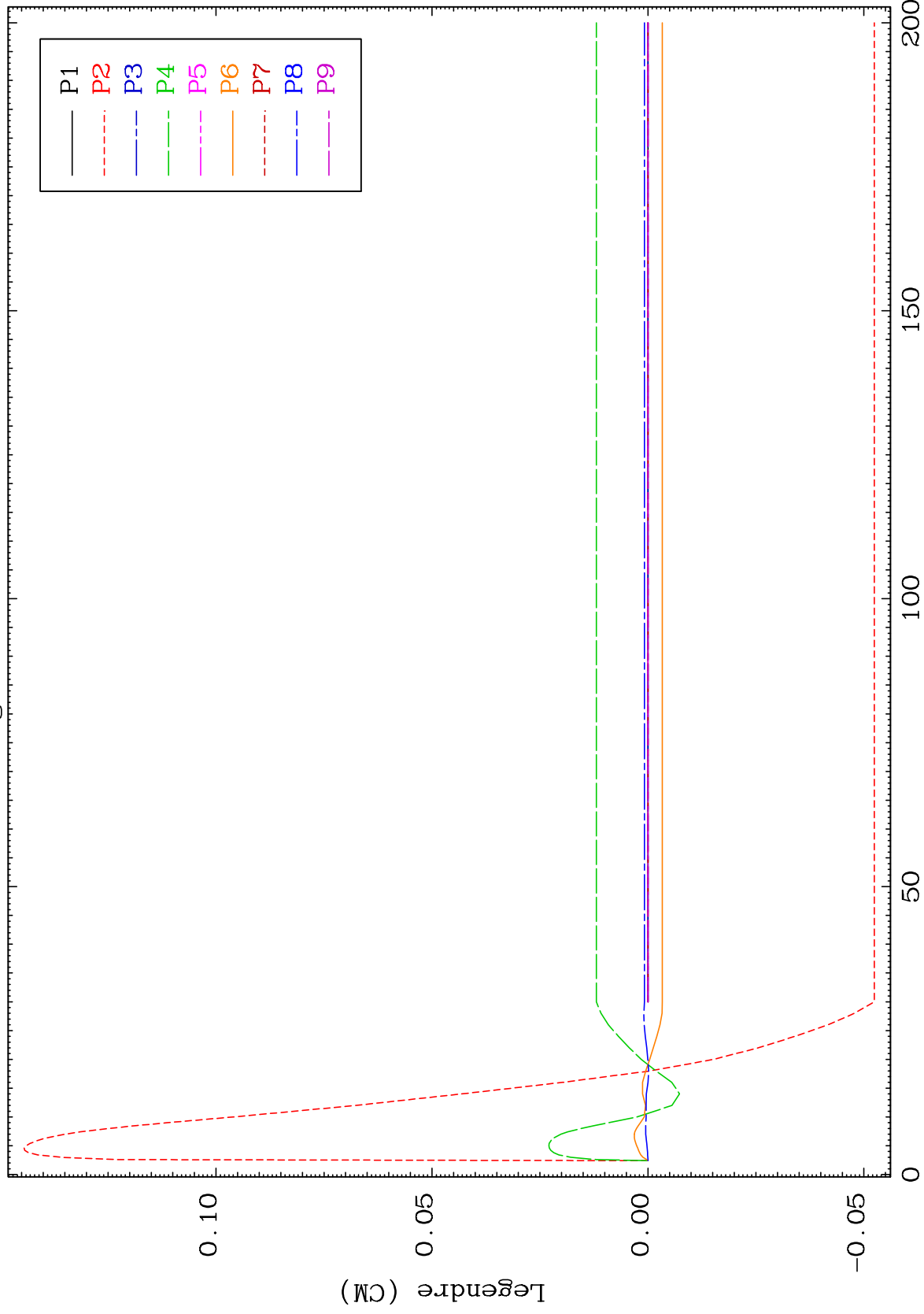
Incident Energy (MeV)

74-W -190

MAT 7455

MT= 60 (n,n') Level
Legendre Coefficients

74-W -190



51

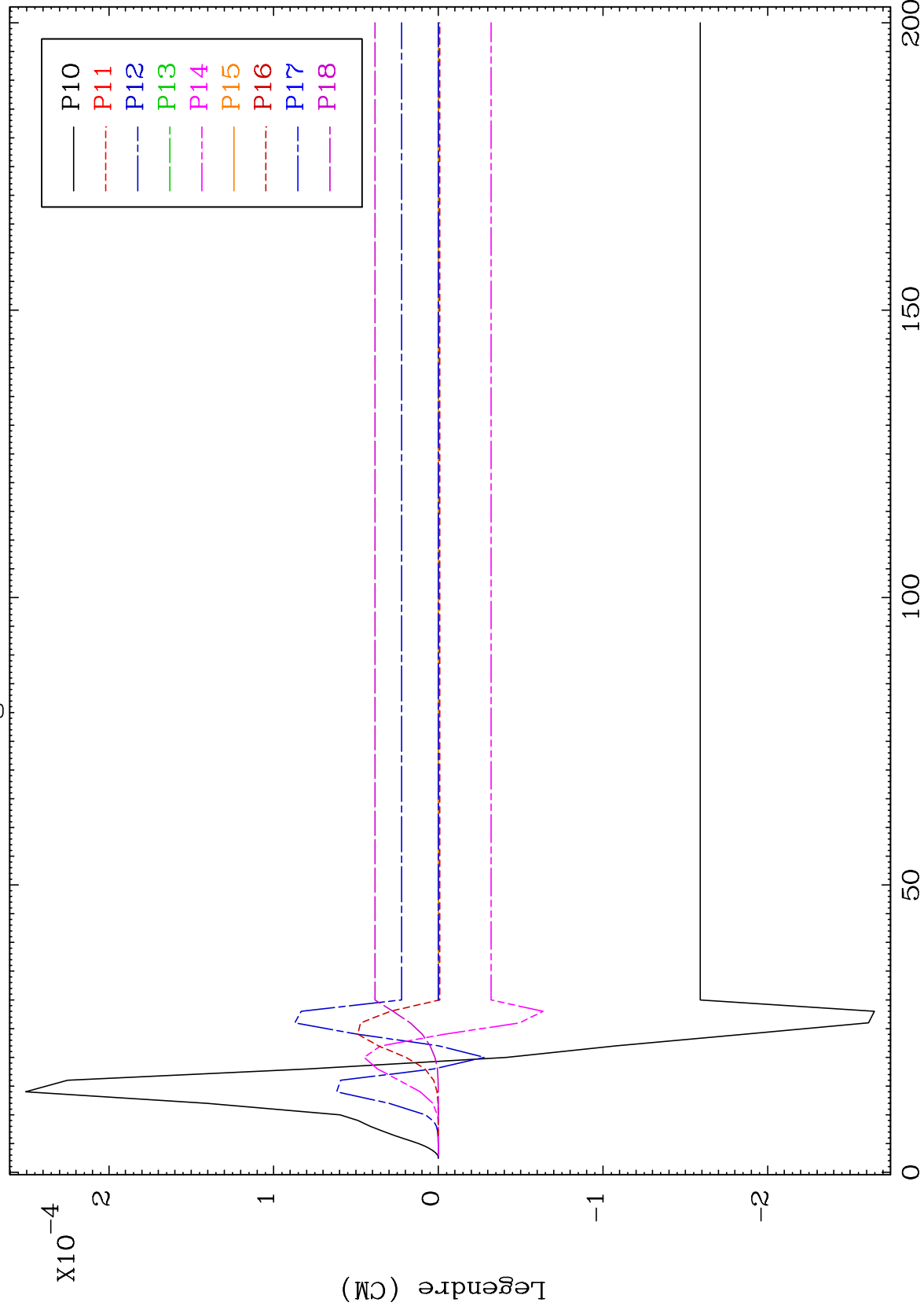
Incident Energy (MeV)

74-W -190

MAT 7455

MT= 60 (n,n') Level
Legendre Coefficients

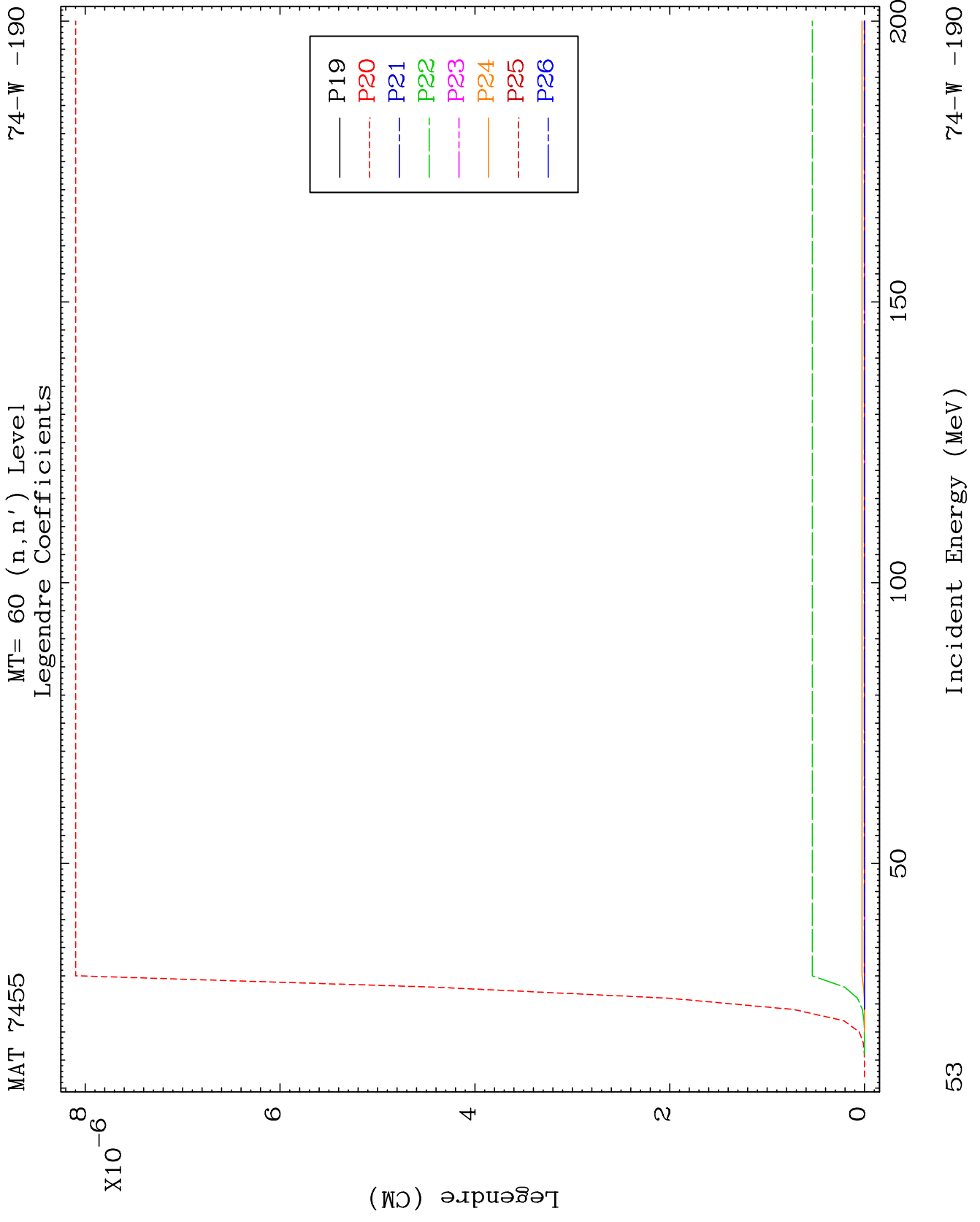
74-W -190

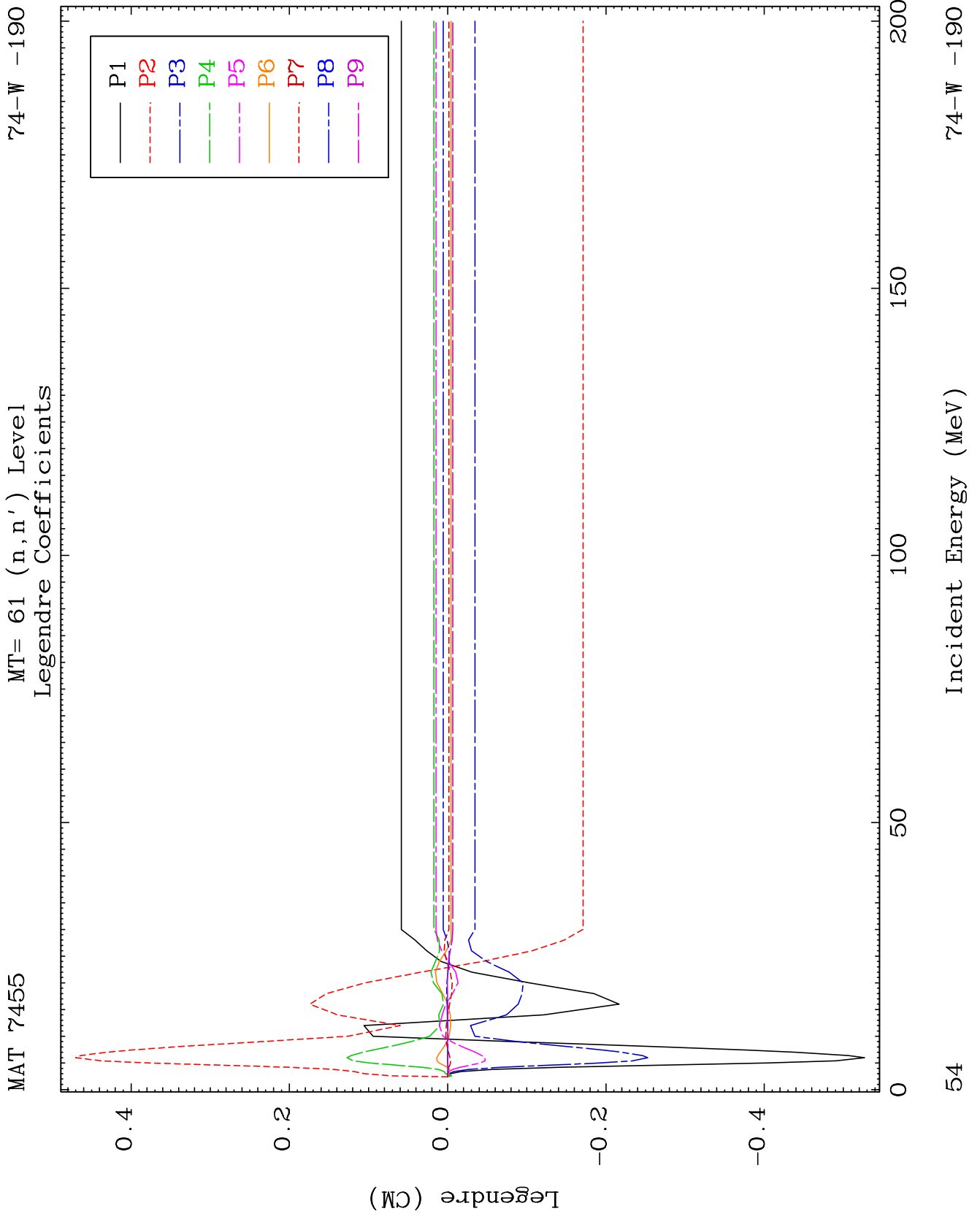


52

Incident Energy (MeV)

74-W -190





74-W -190

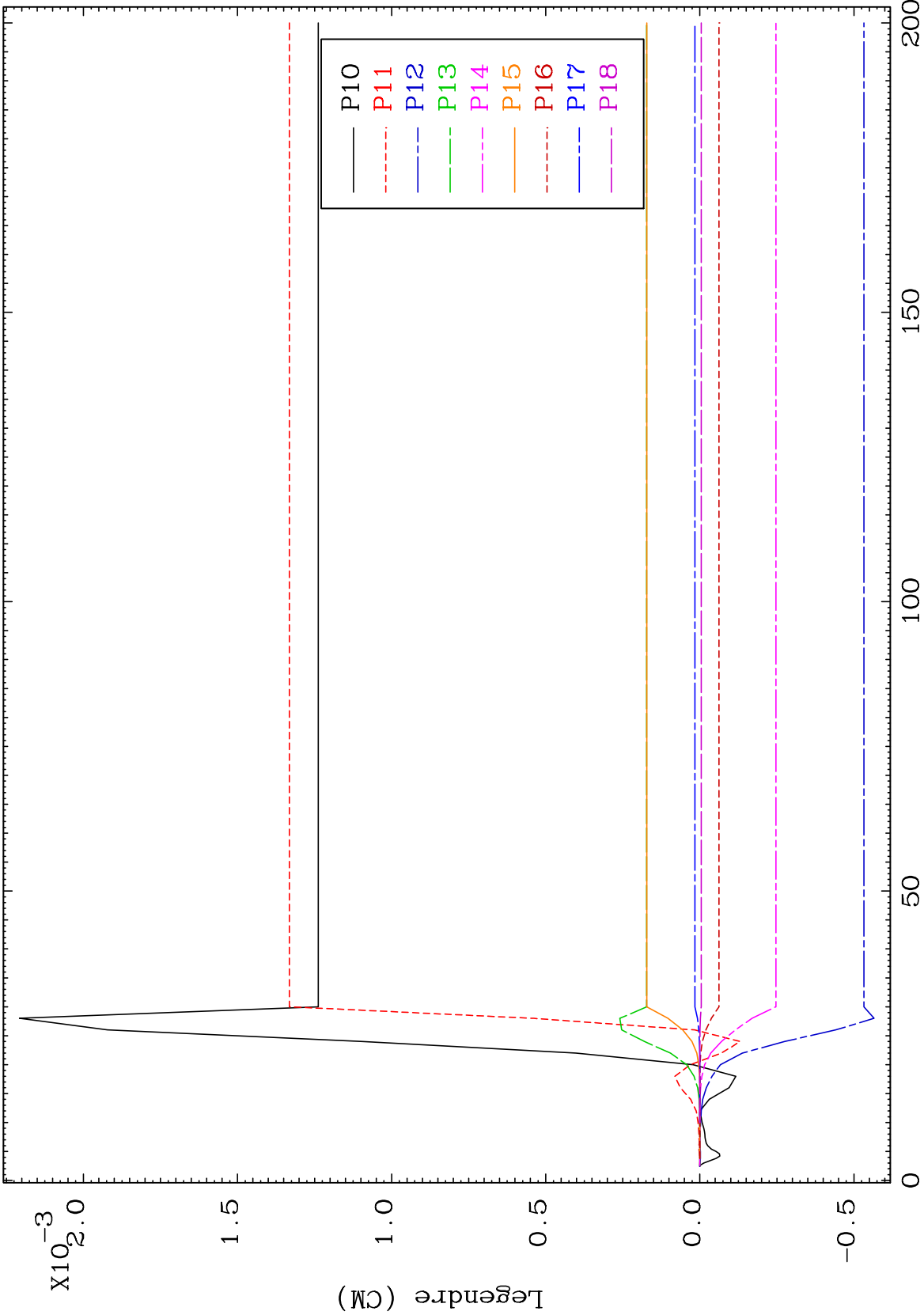
Incident Energy (MeV)

54

MAT 7455

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

74-W -190



55

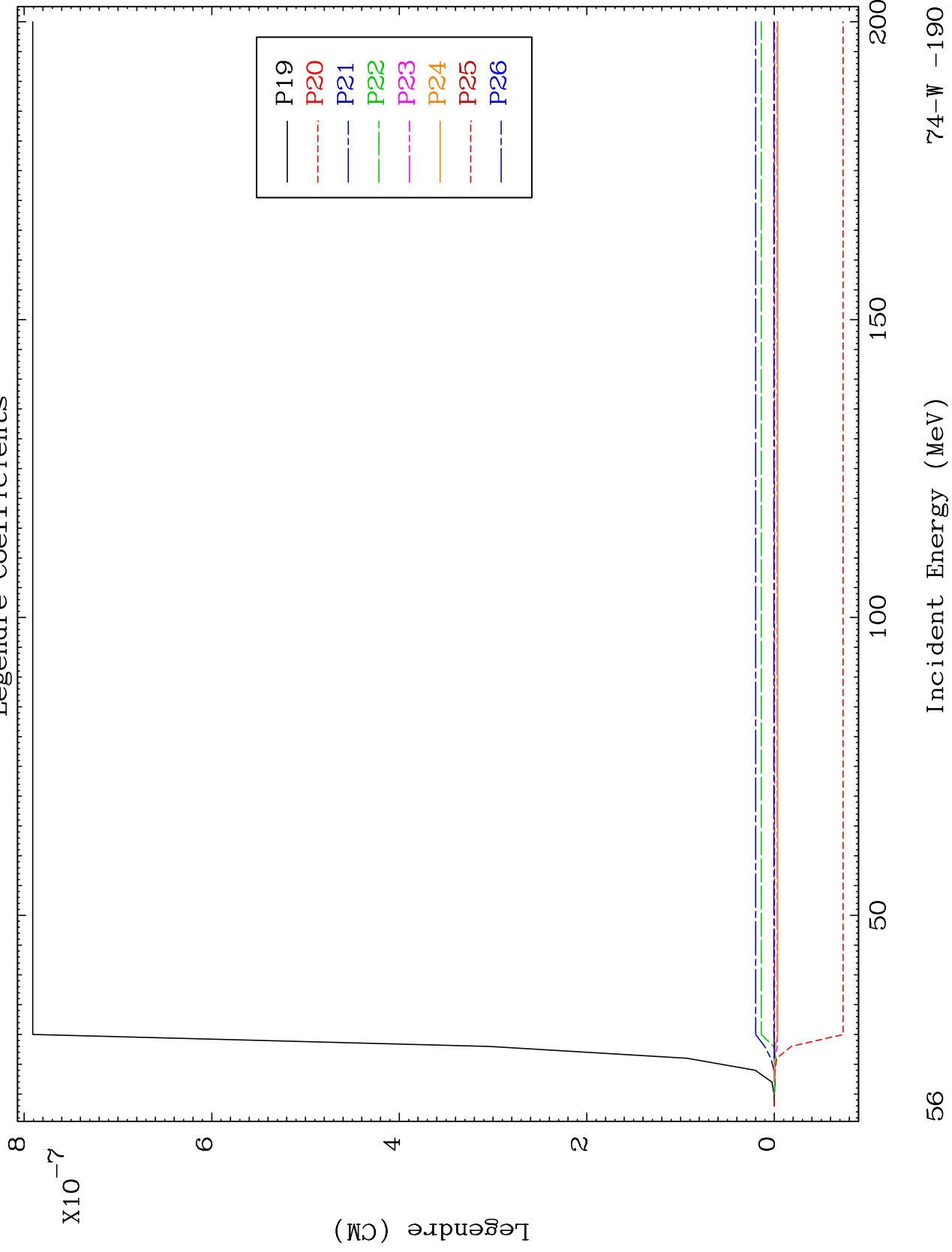
Incident Energy (MeV)

74-W -190

MAT 7455

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

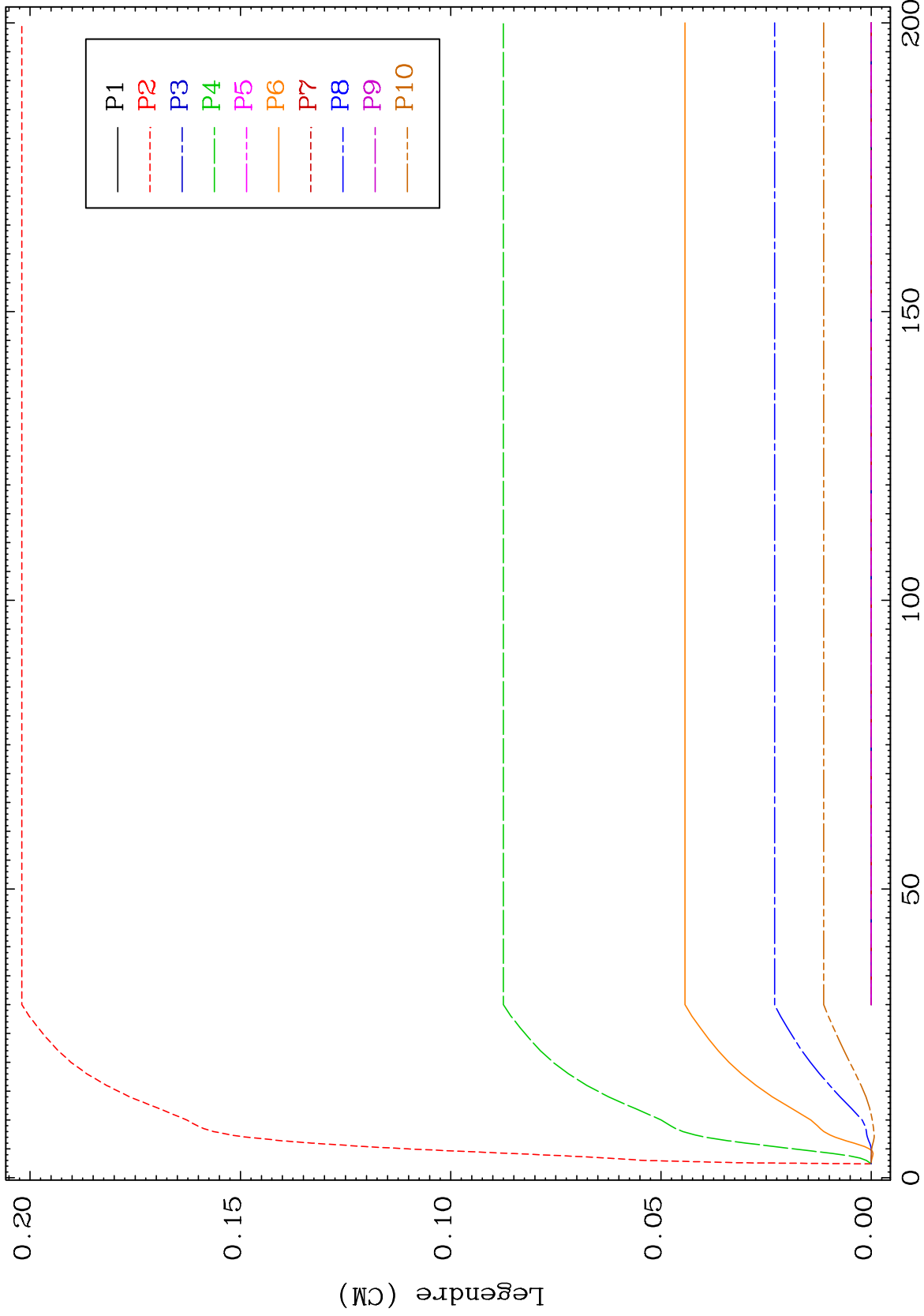
74-W -190



MAT 7455

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

74-W -190



57

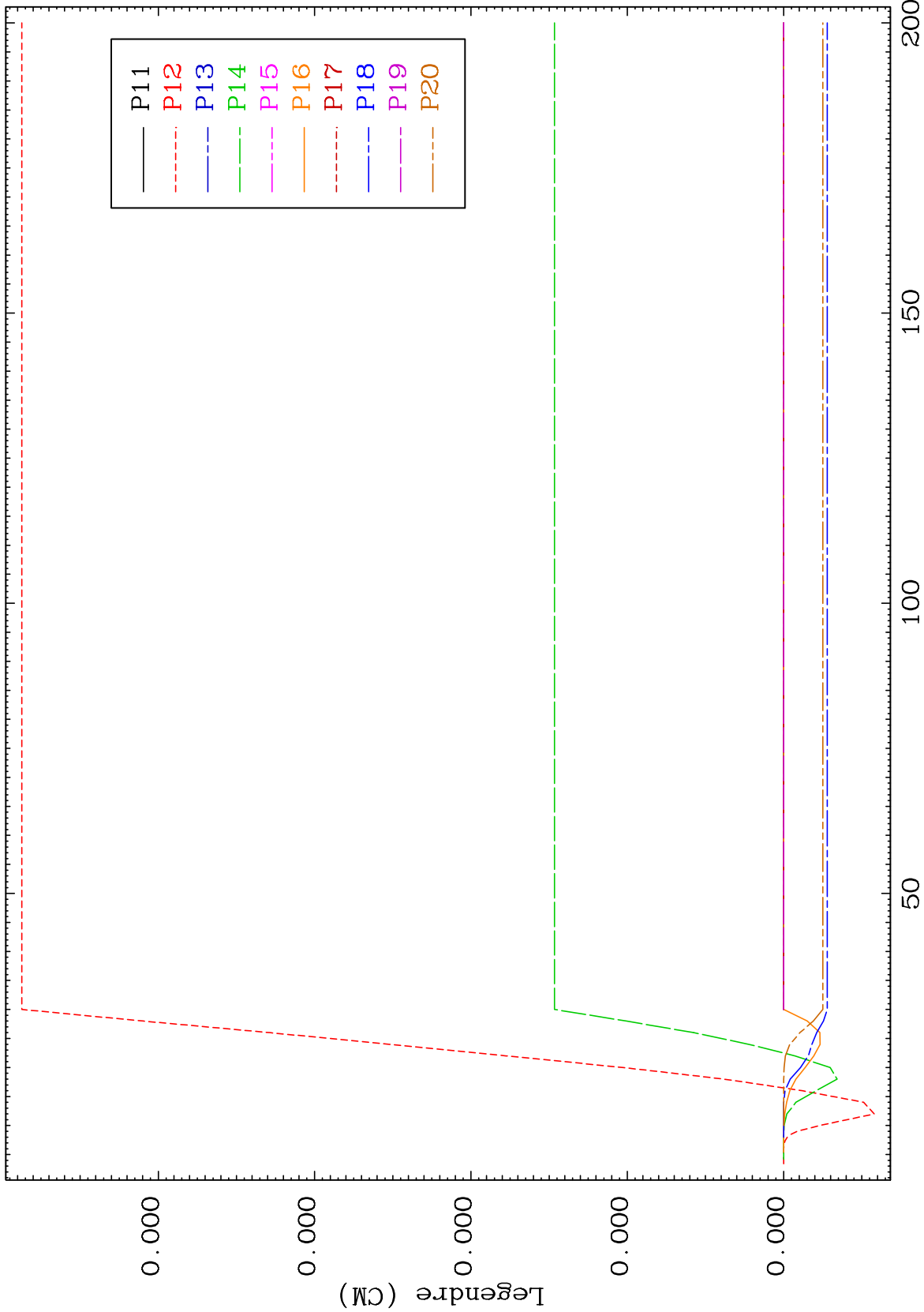
Incident Energy (MeV)

74-W -190

MAT 7455

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

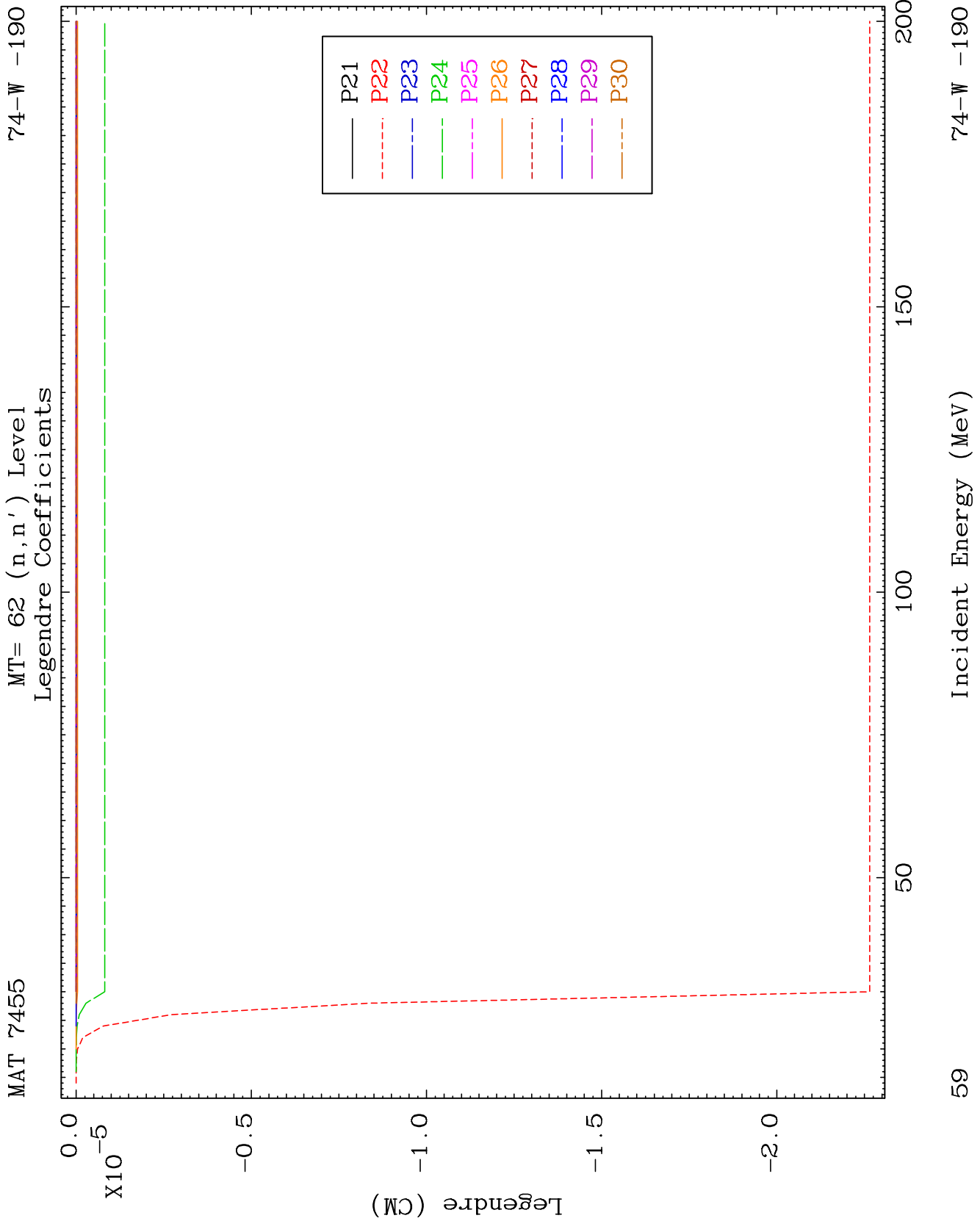
74-W -190



58

Incident Energy (MeV)

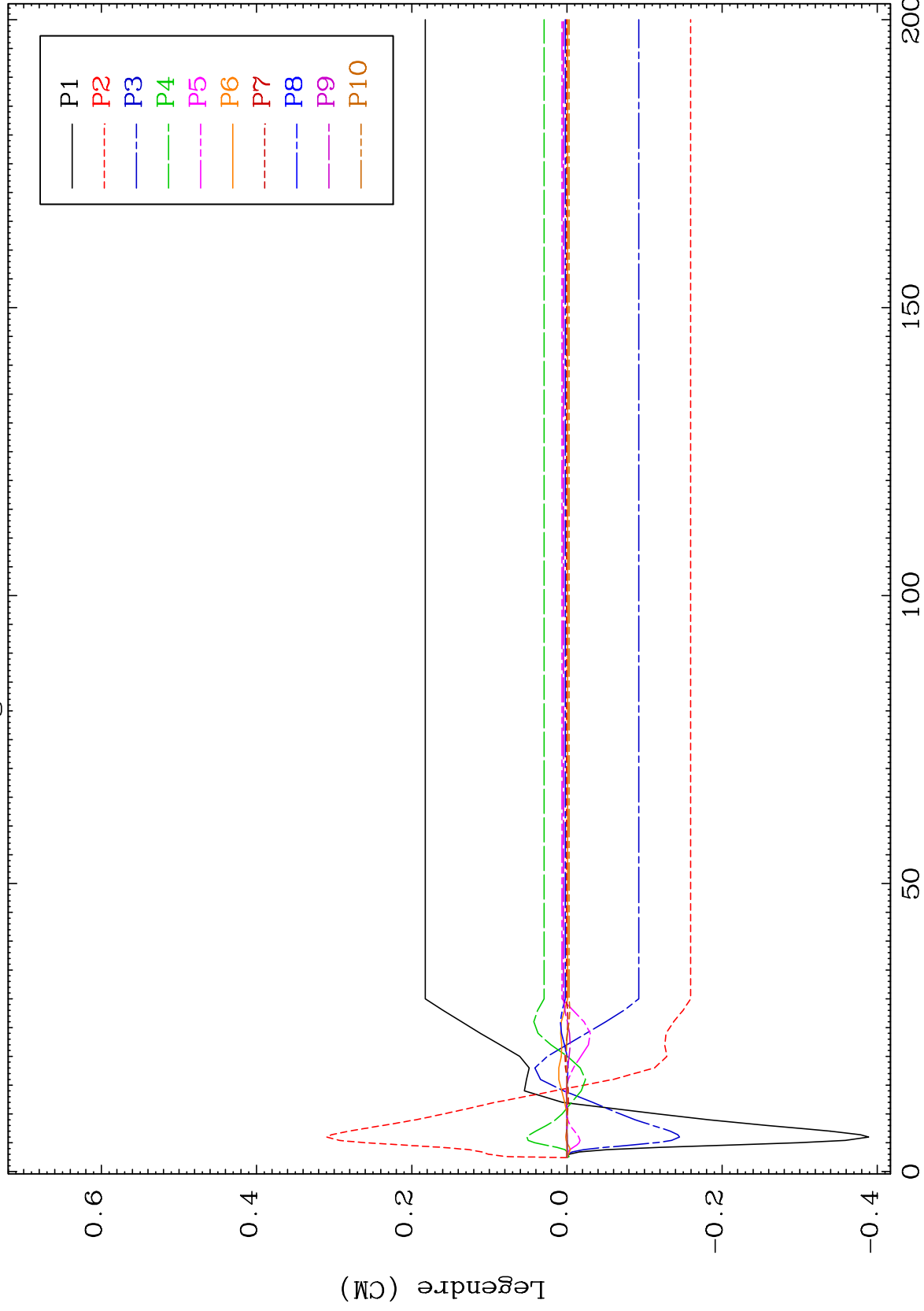
74-W -190



MAT 7455

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

74-W -190



74-W -190

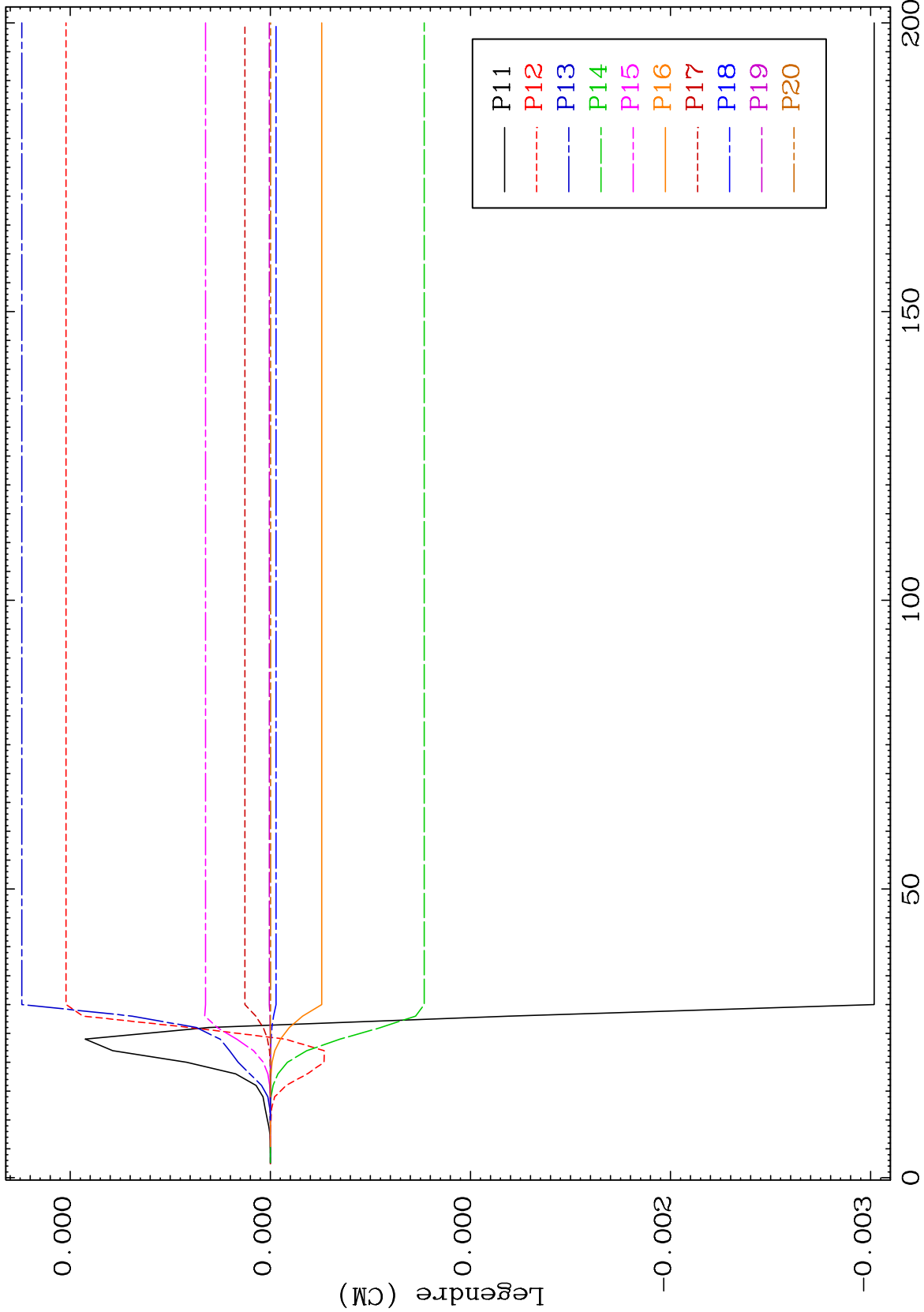
Incident Energy (MeV)

60

MAT 7455

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

74-W -190



61

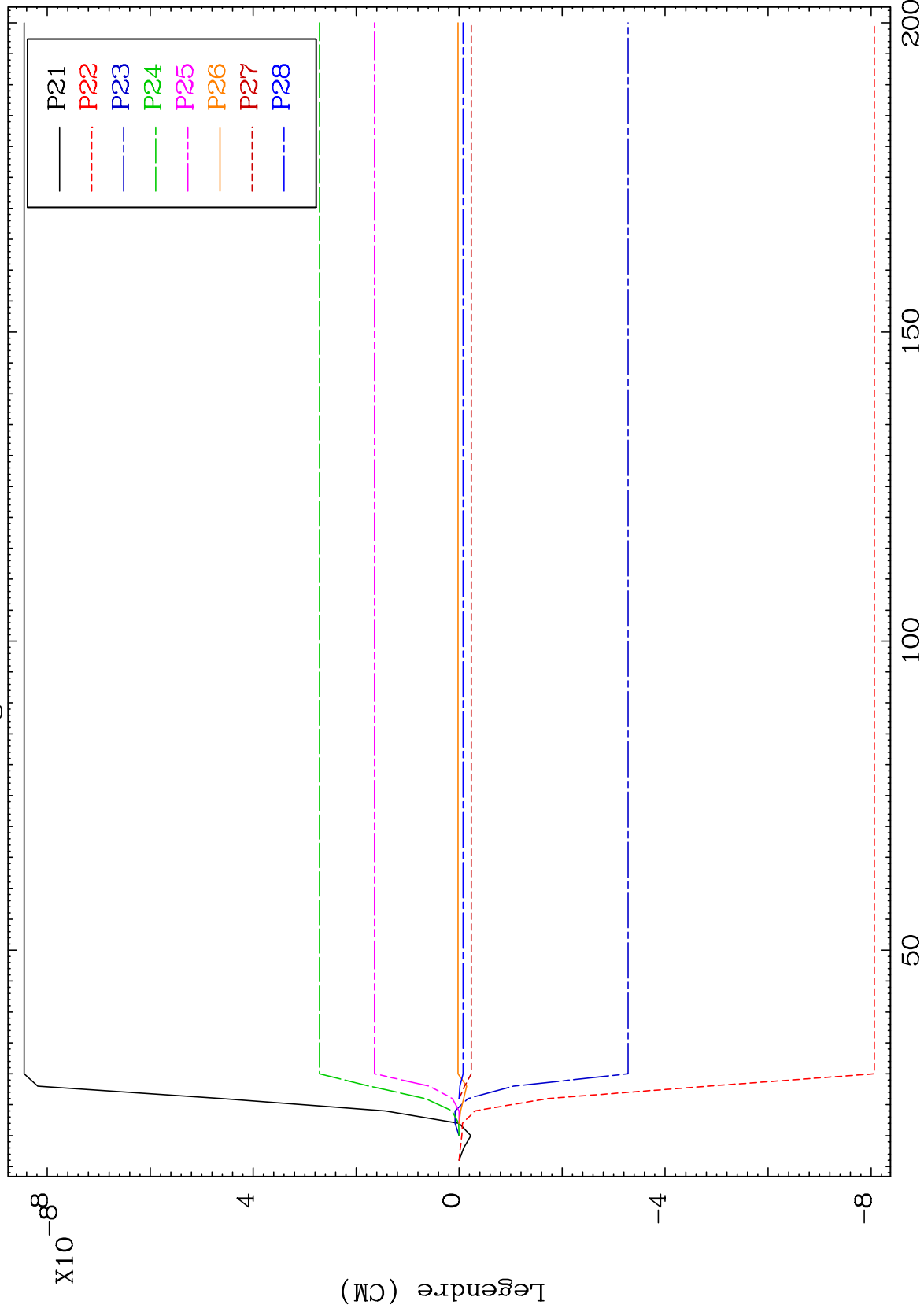
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



62

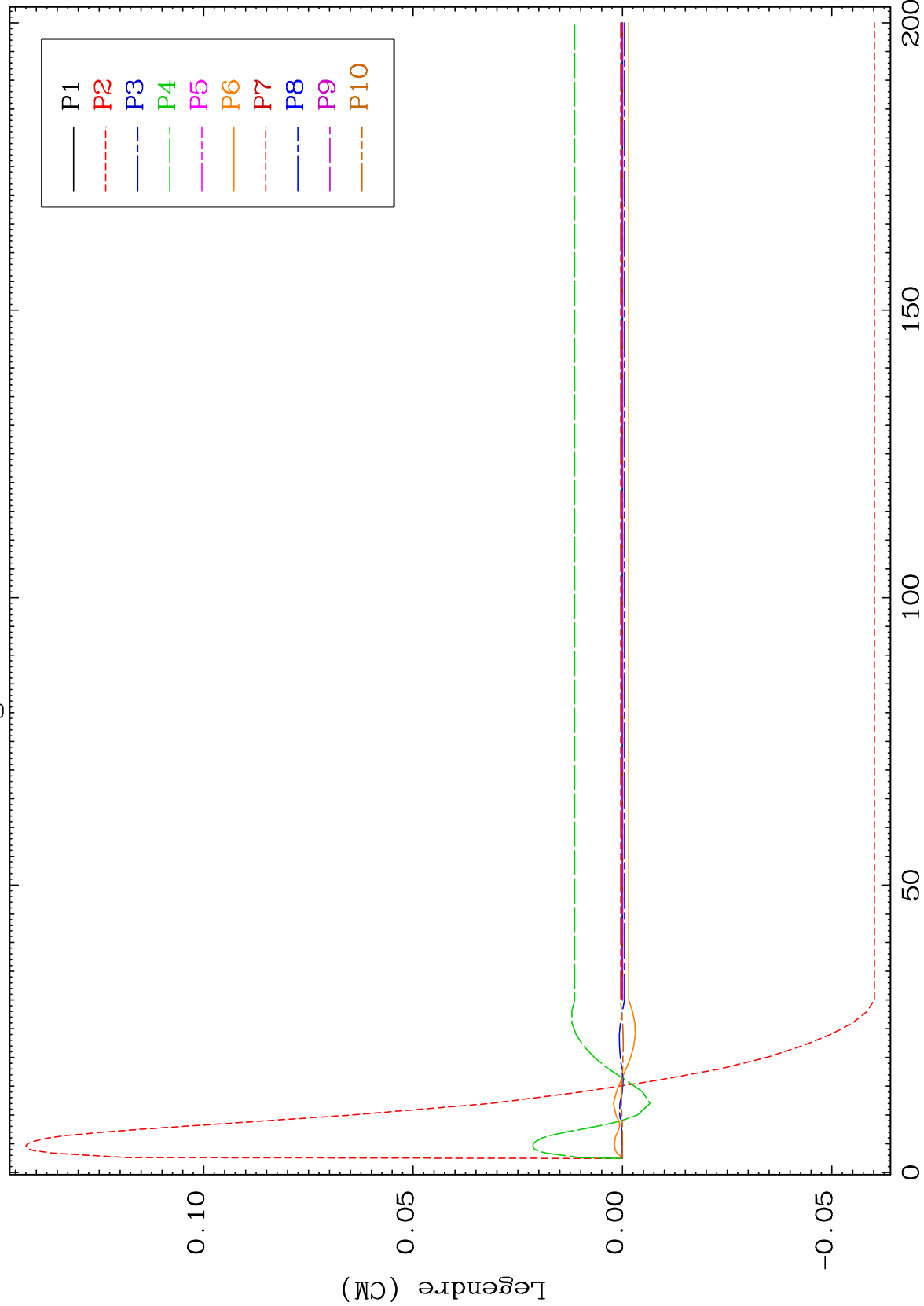
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



63

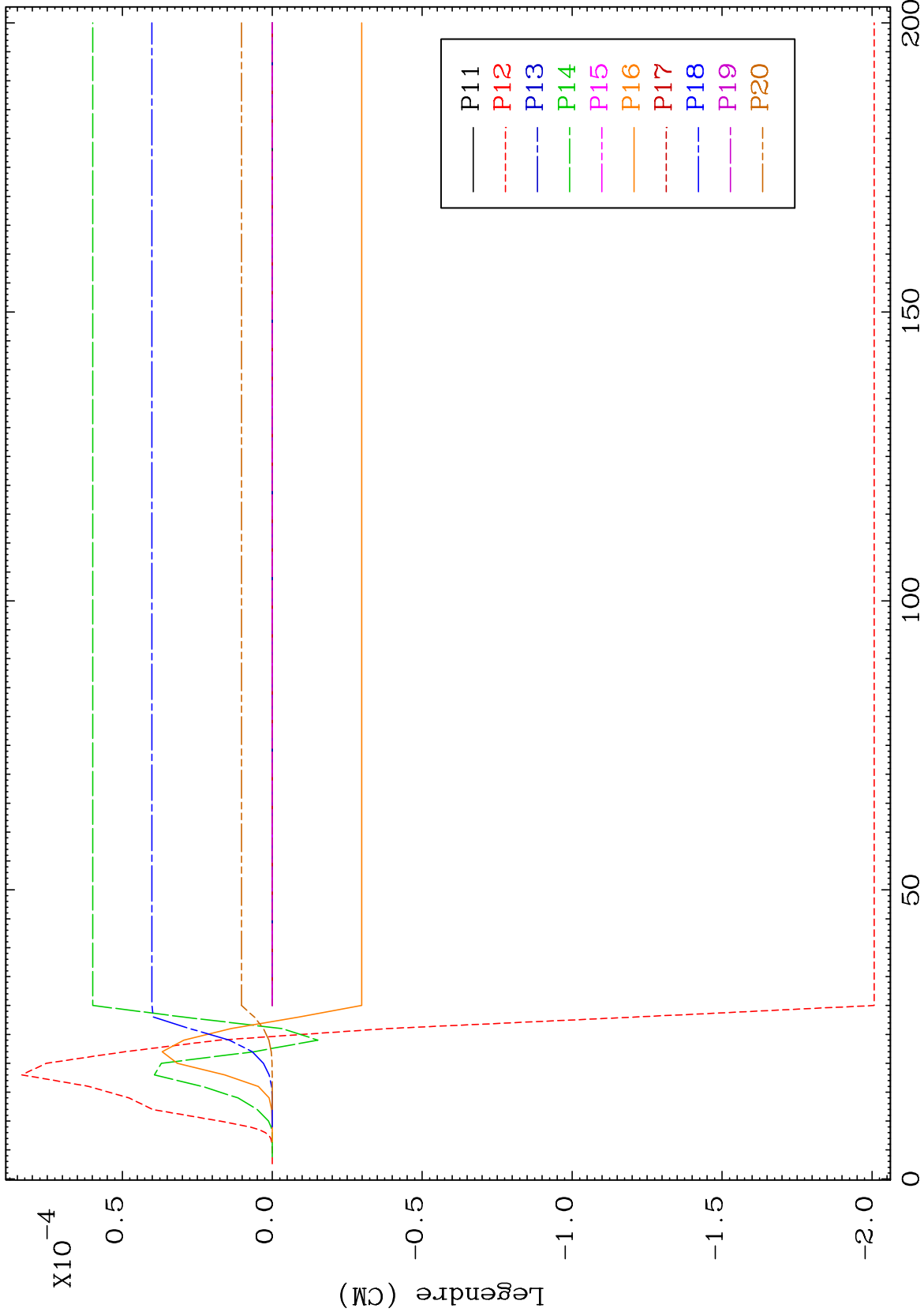
Incident Energy (MeV)

74-W -190

MAT 7455

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

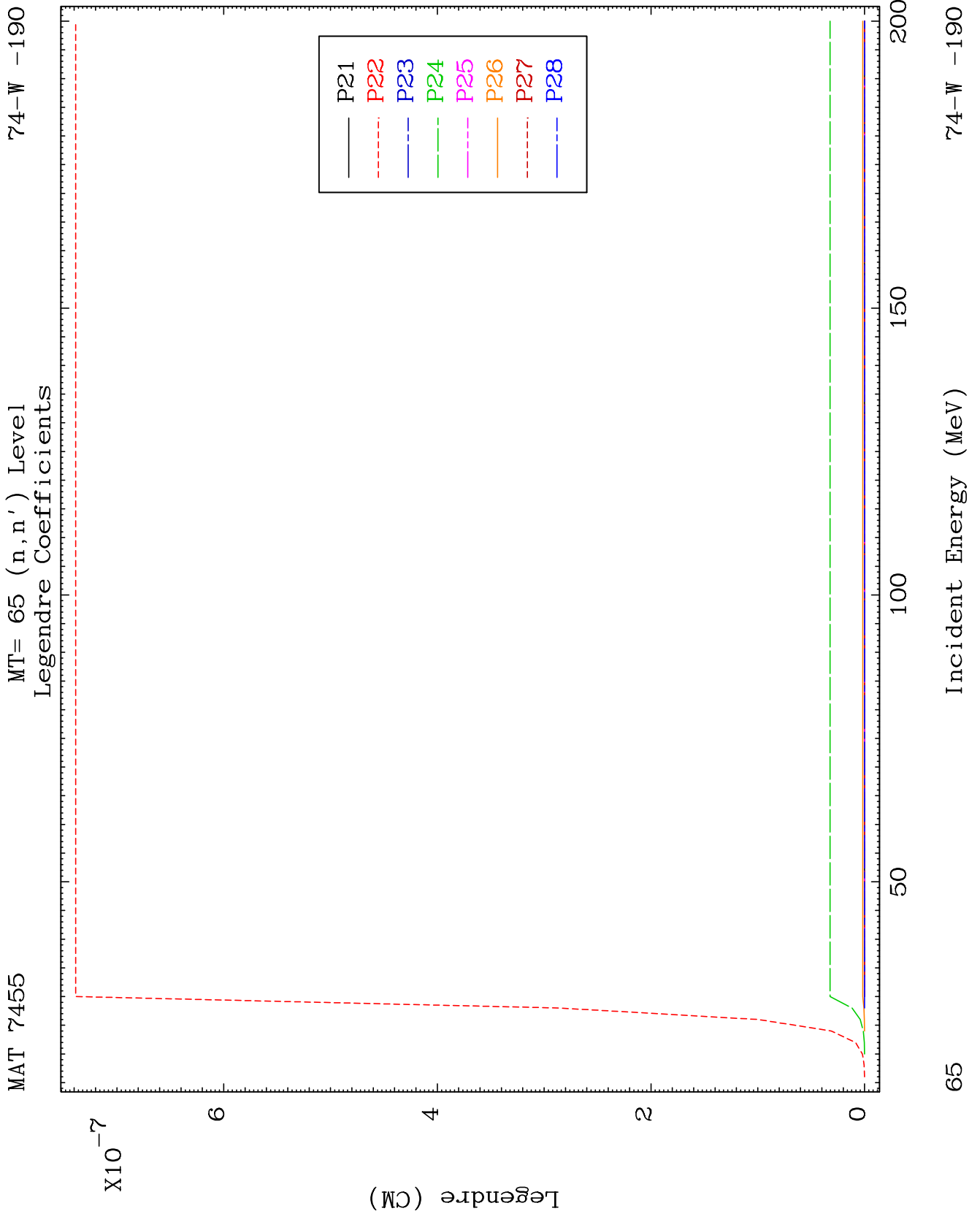
74-W -190



64

Incident Energy (MeV)

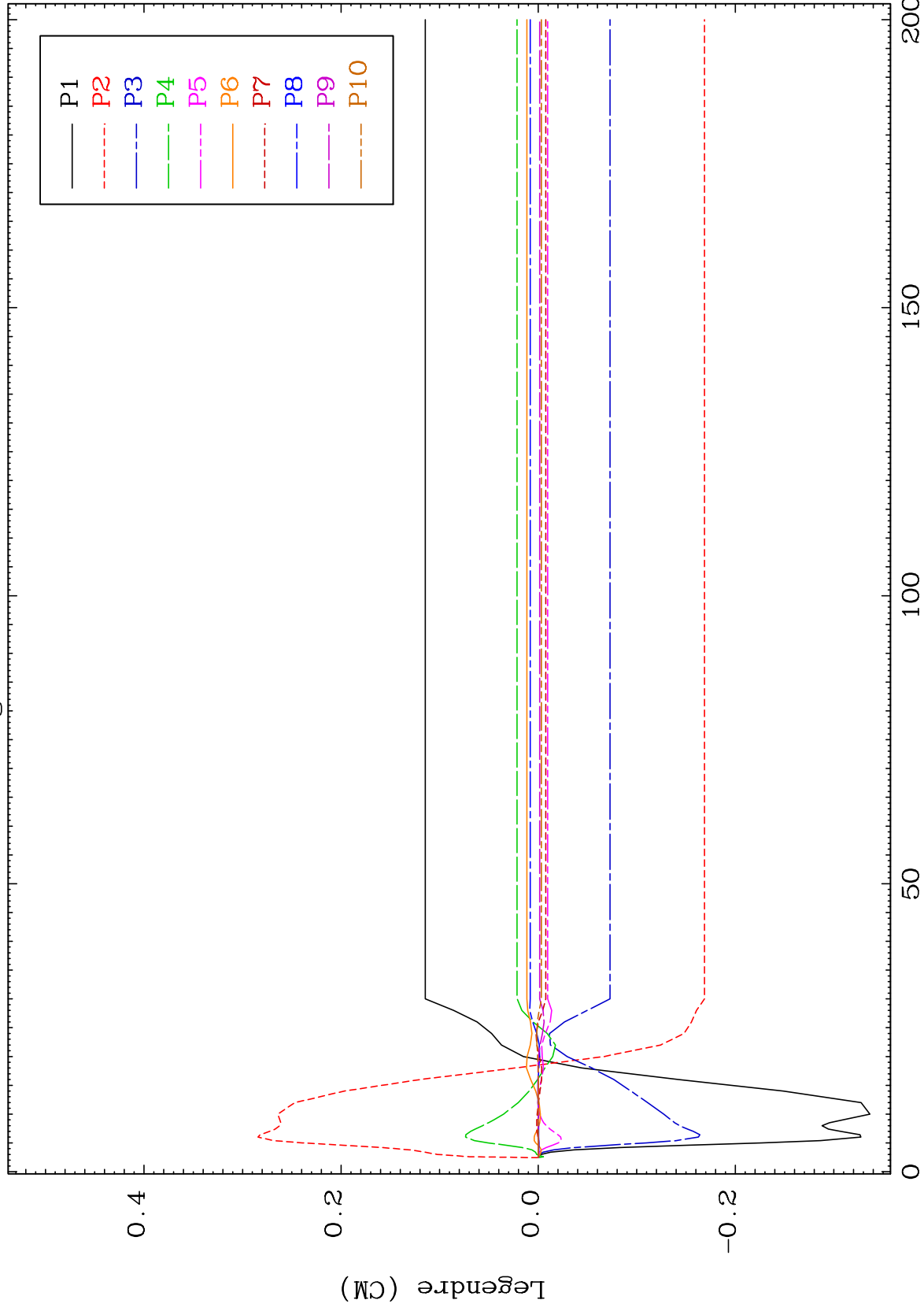
74-W -190



MAT 7455

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

74-W -190



66

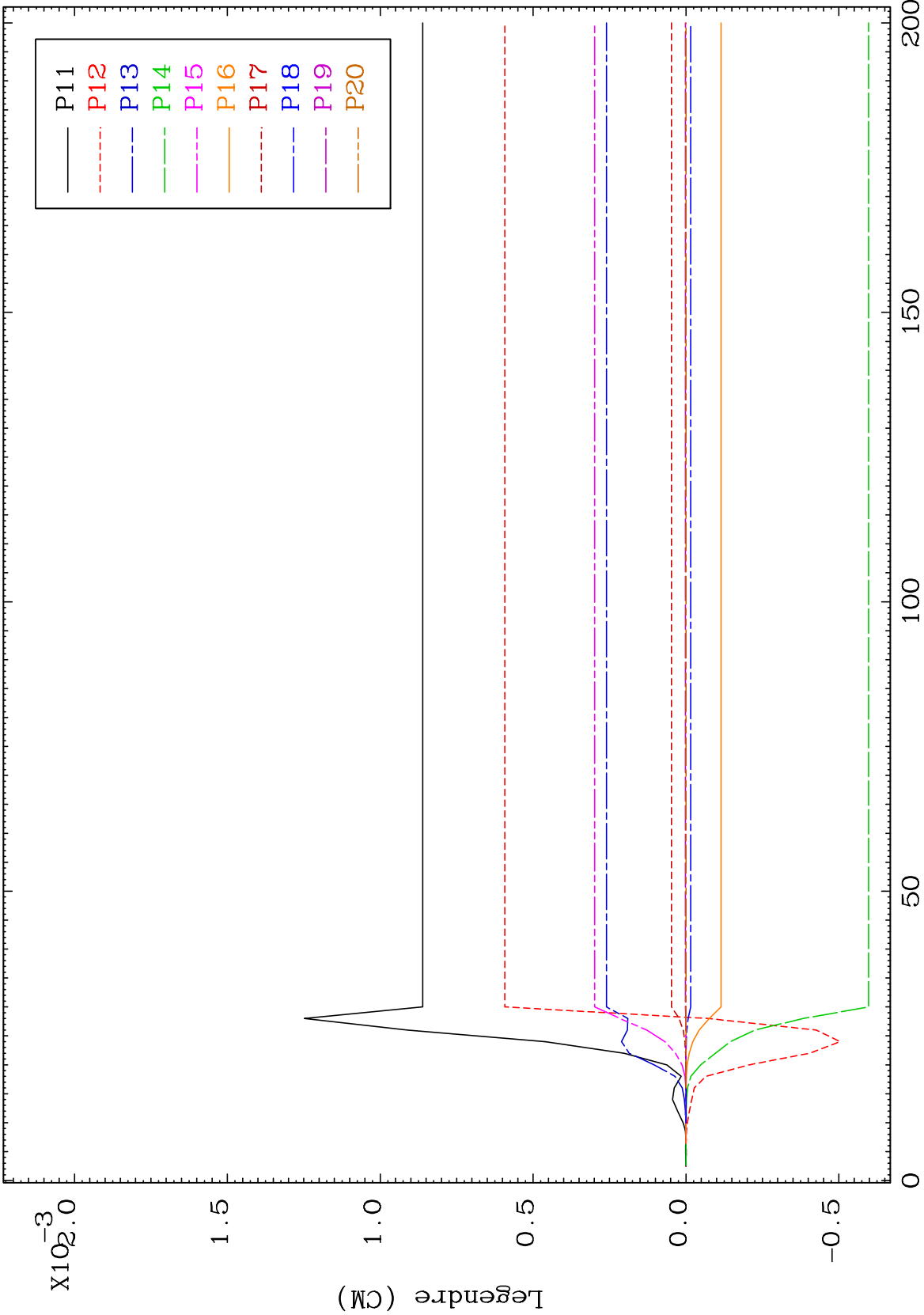
Incident Energy (MeV)

74-W -190

MAT 7455

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

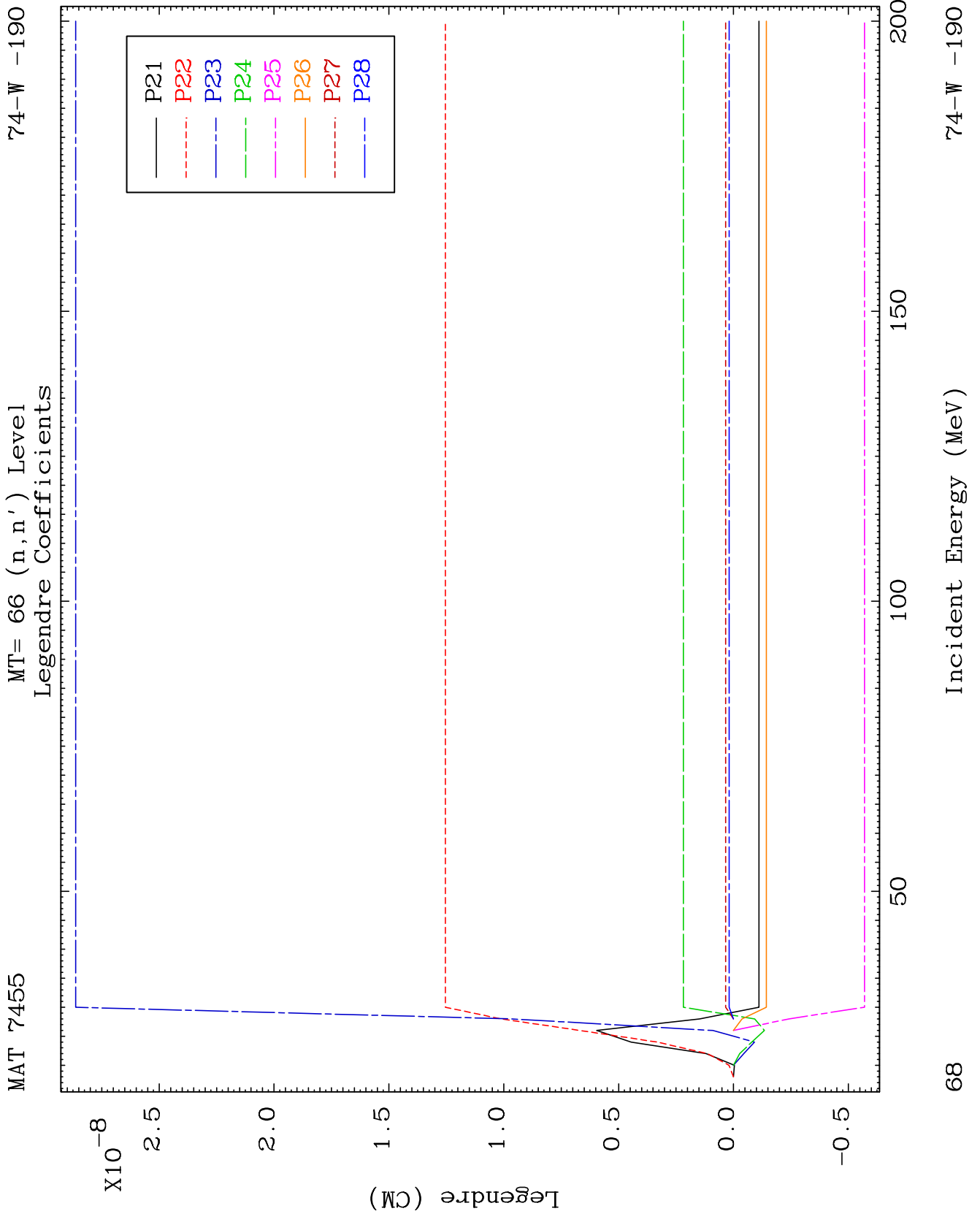
74-W -190

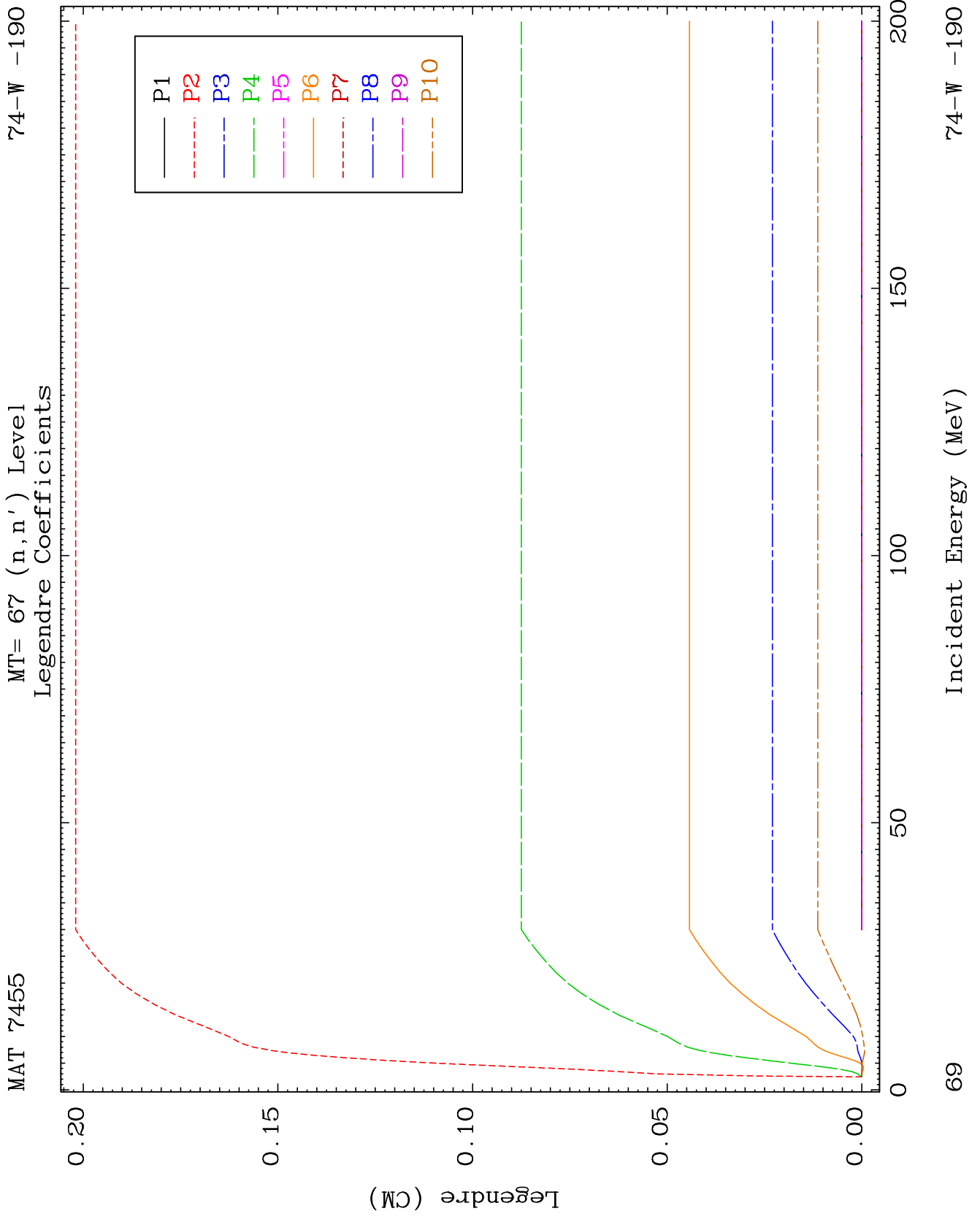


67

Incident Energy (MeV)

74-W -190

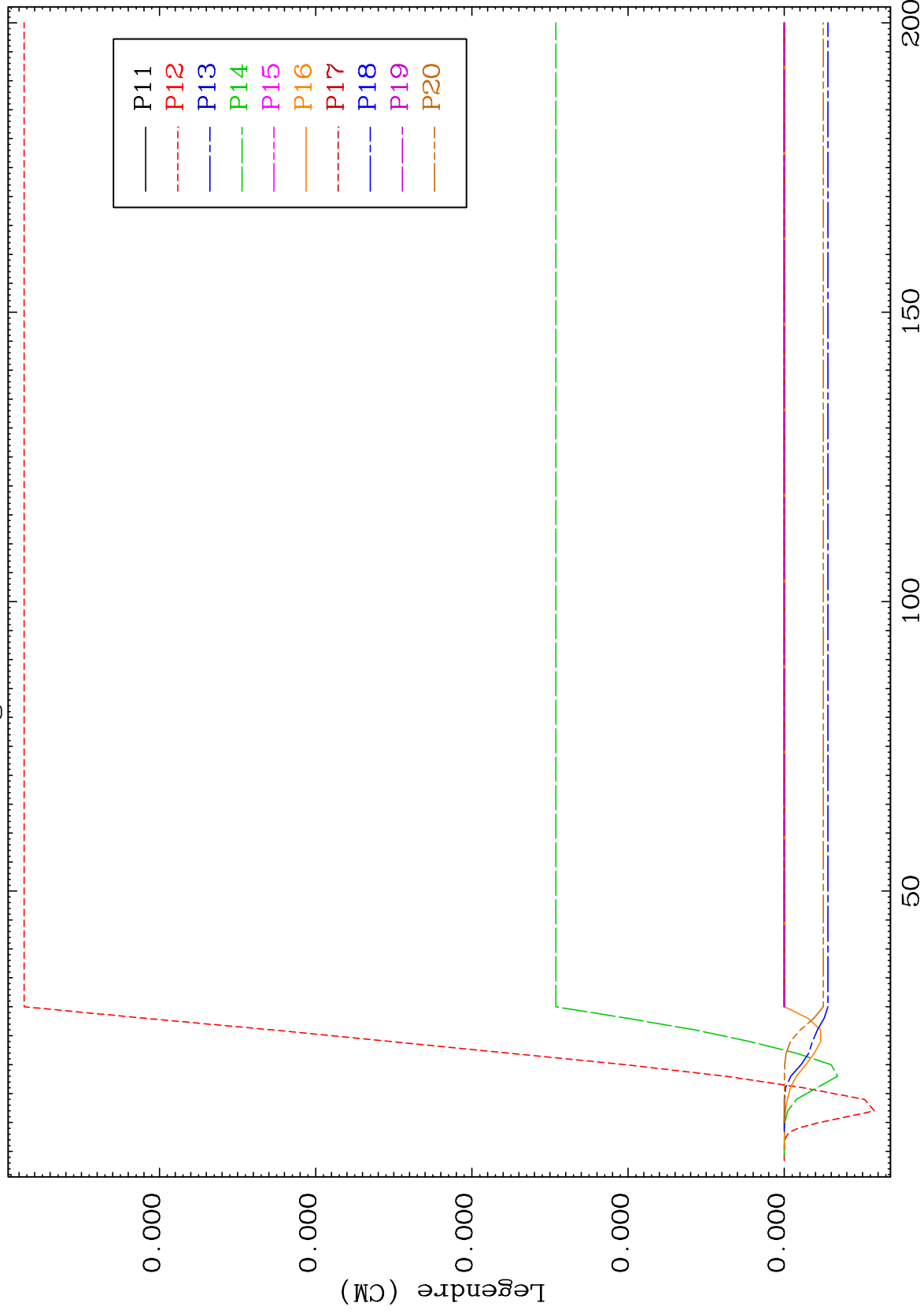




MAT 7455

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

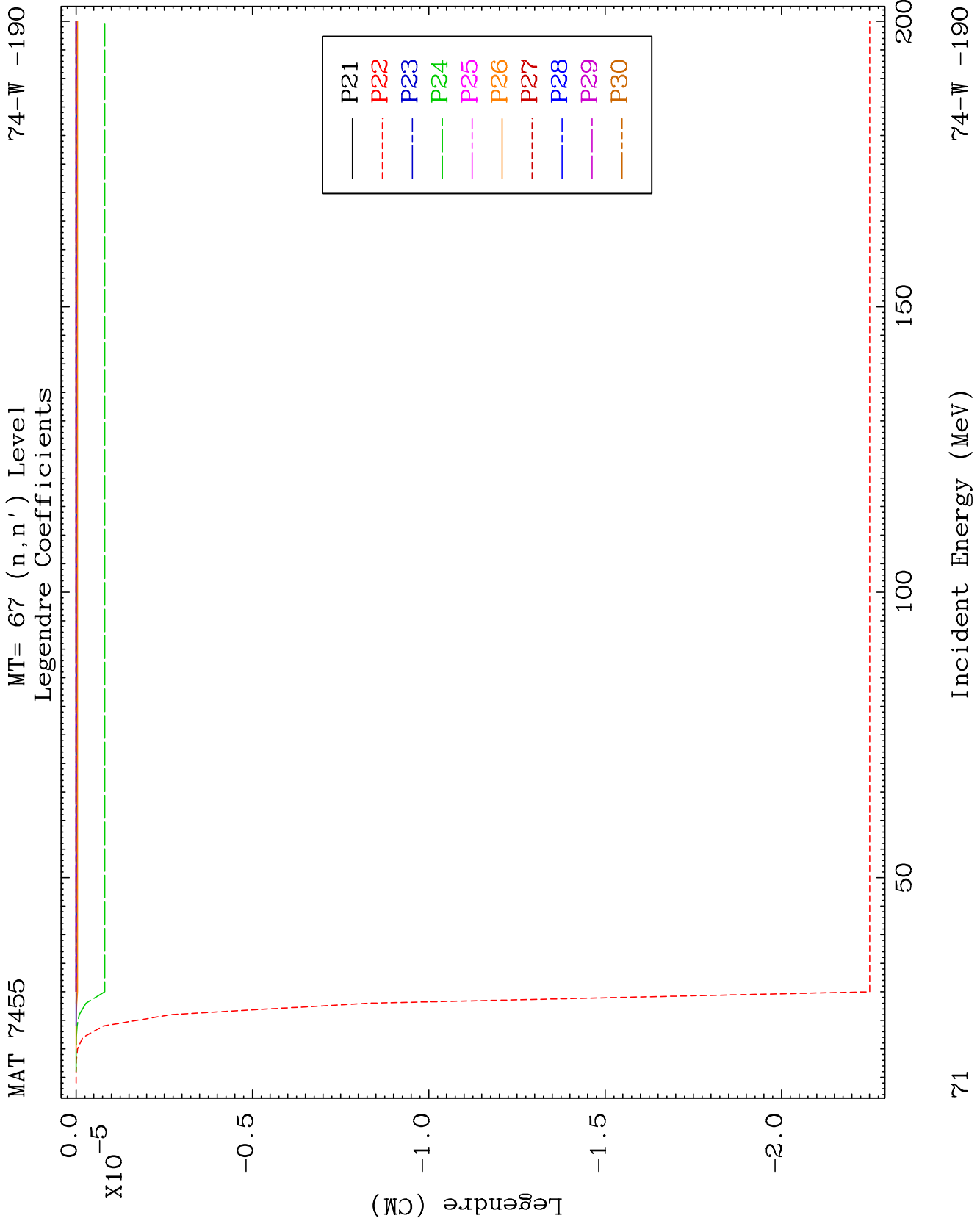
74-W -190



70

Incident Energy (MeV)

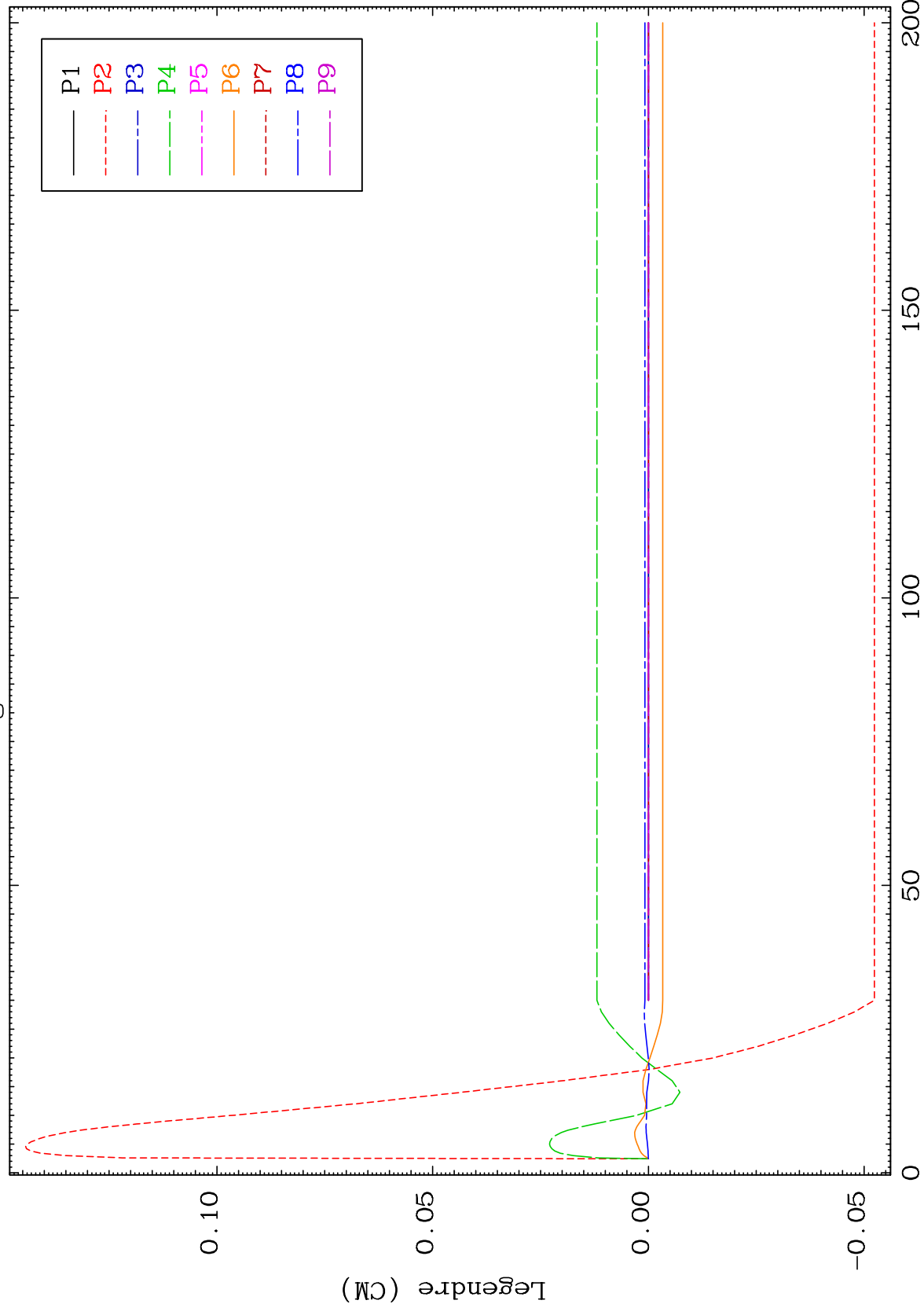
74-W -190



MAT 7455

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

74-W -190



72

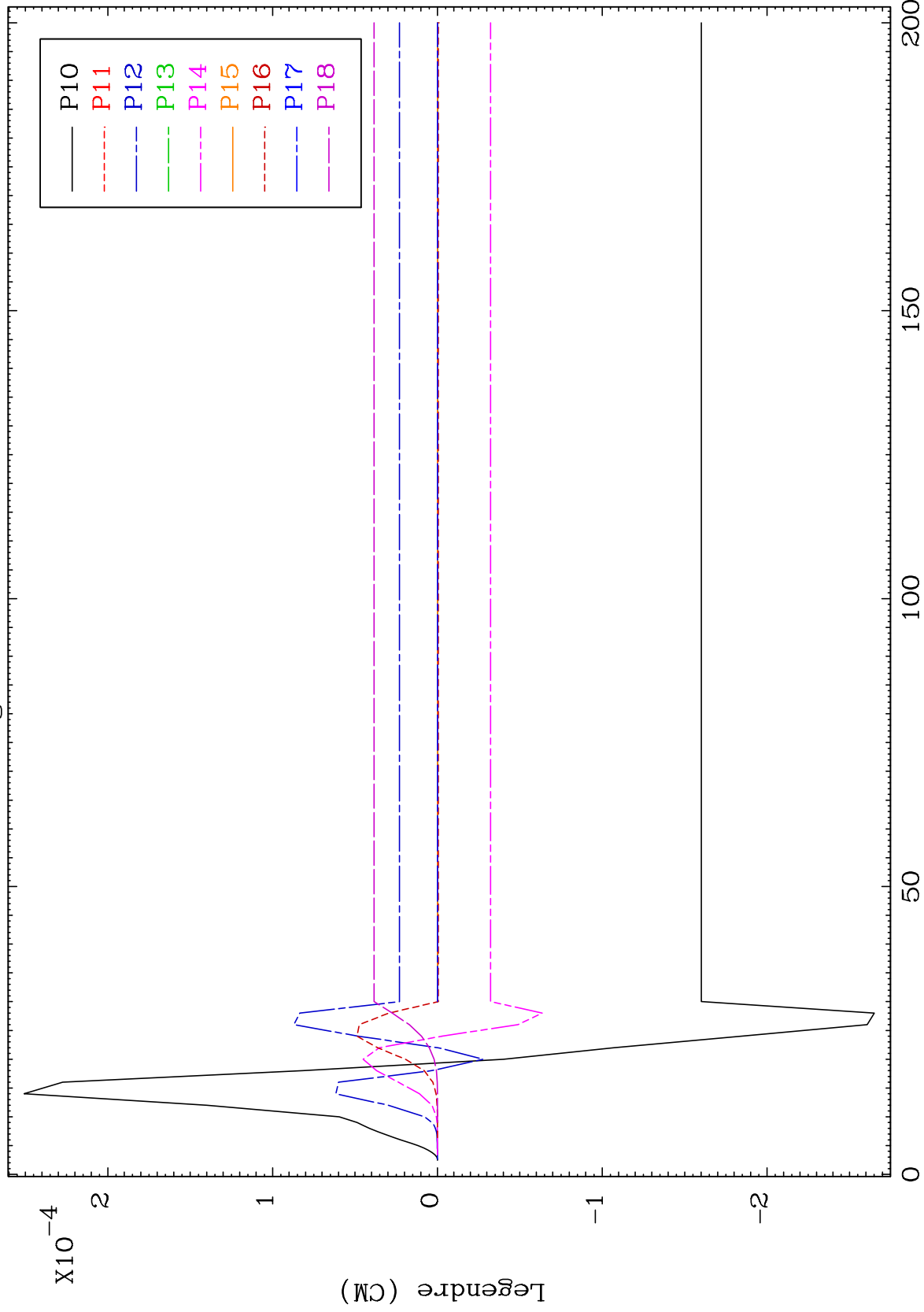
Incident Energy (MeV)

74-W -190

MAT 7455

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

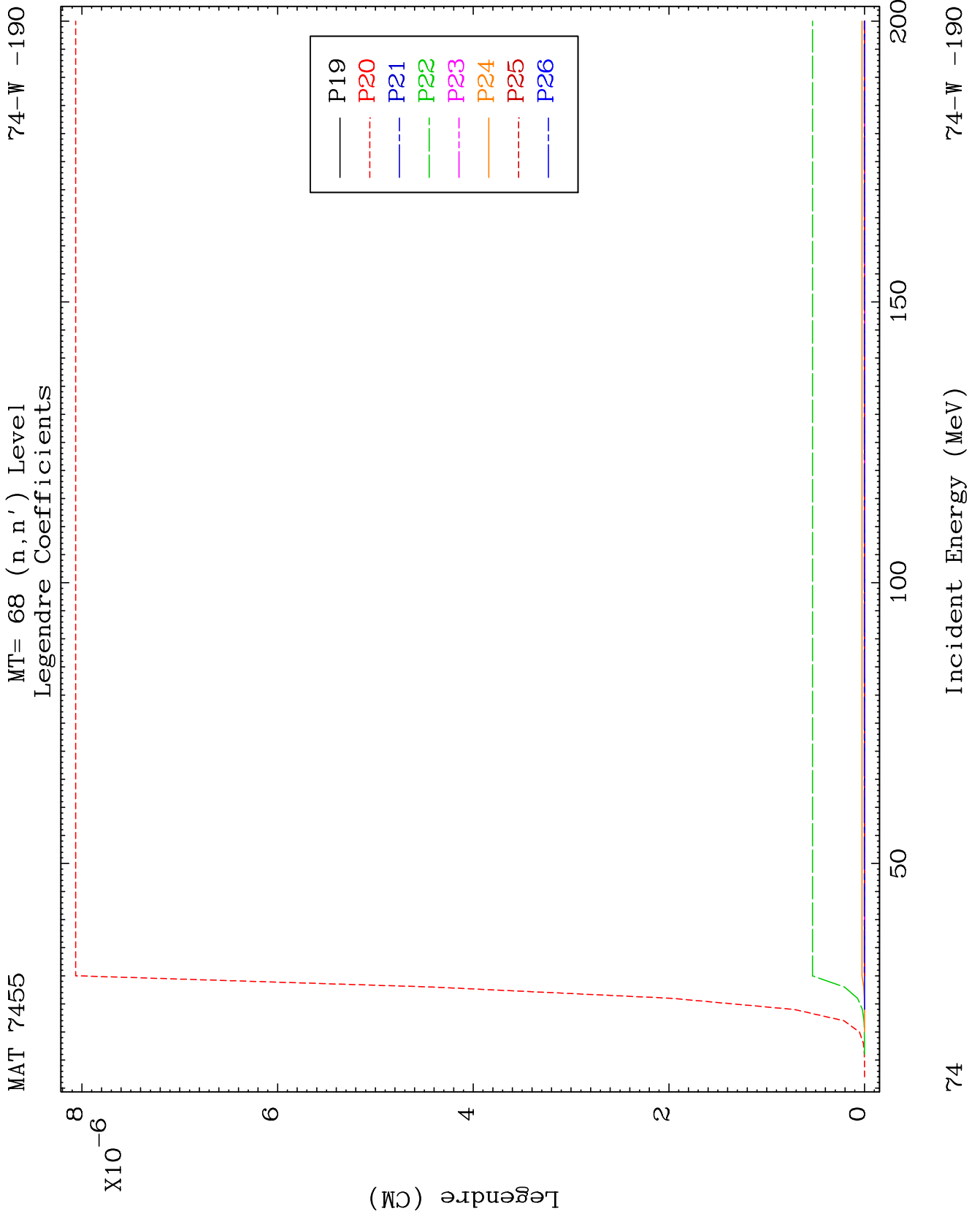
74-W -190



73

Incident Energy (MeV)

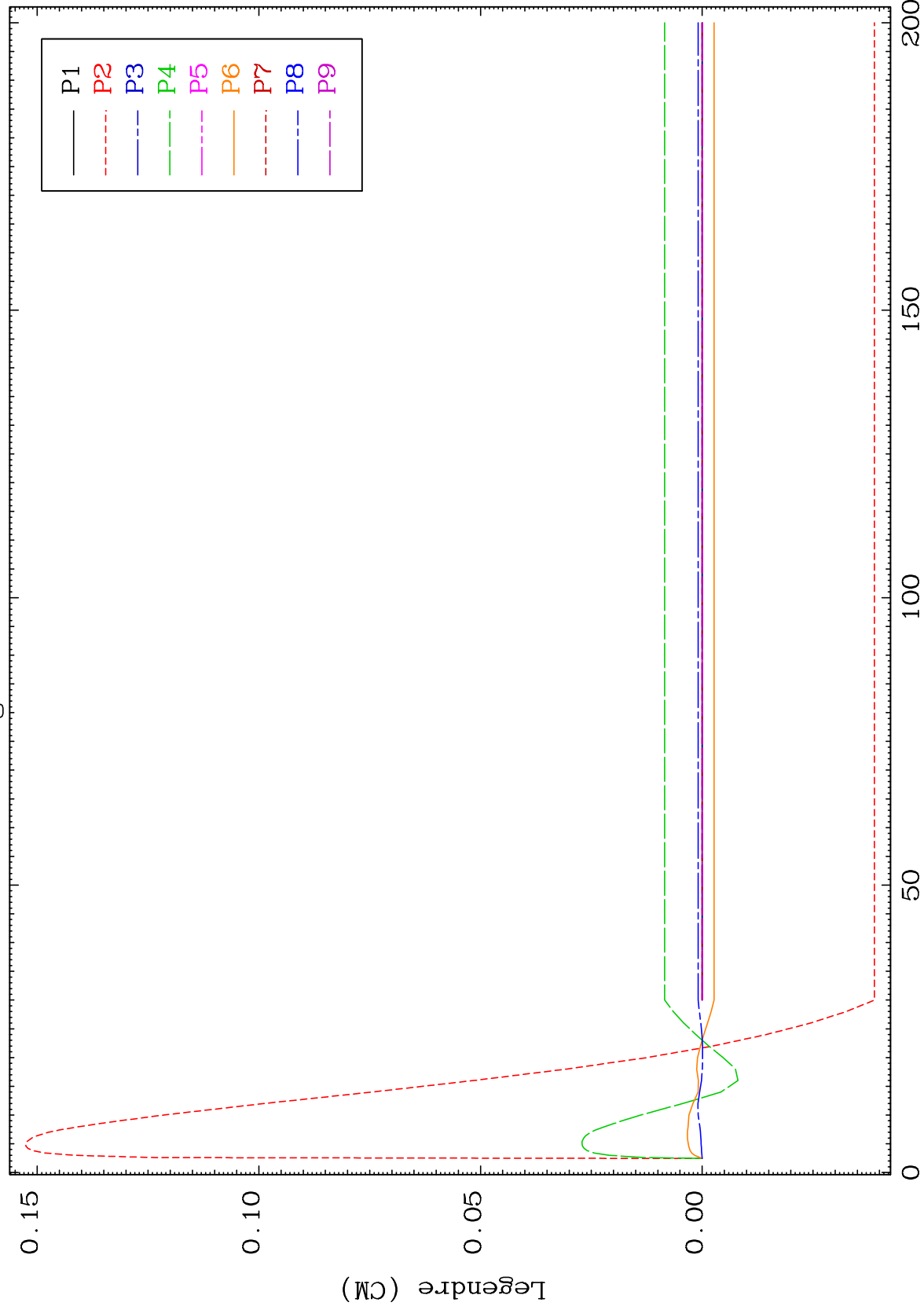
74-W -190



MAT 7455

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

74-W -190



75

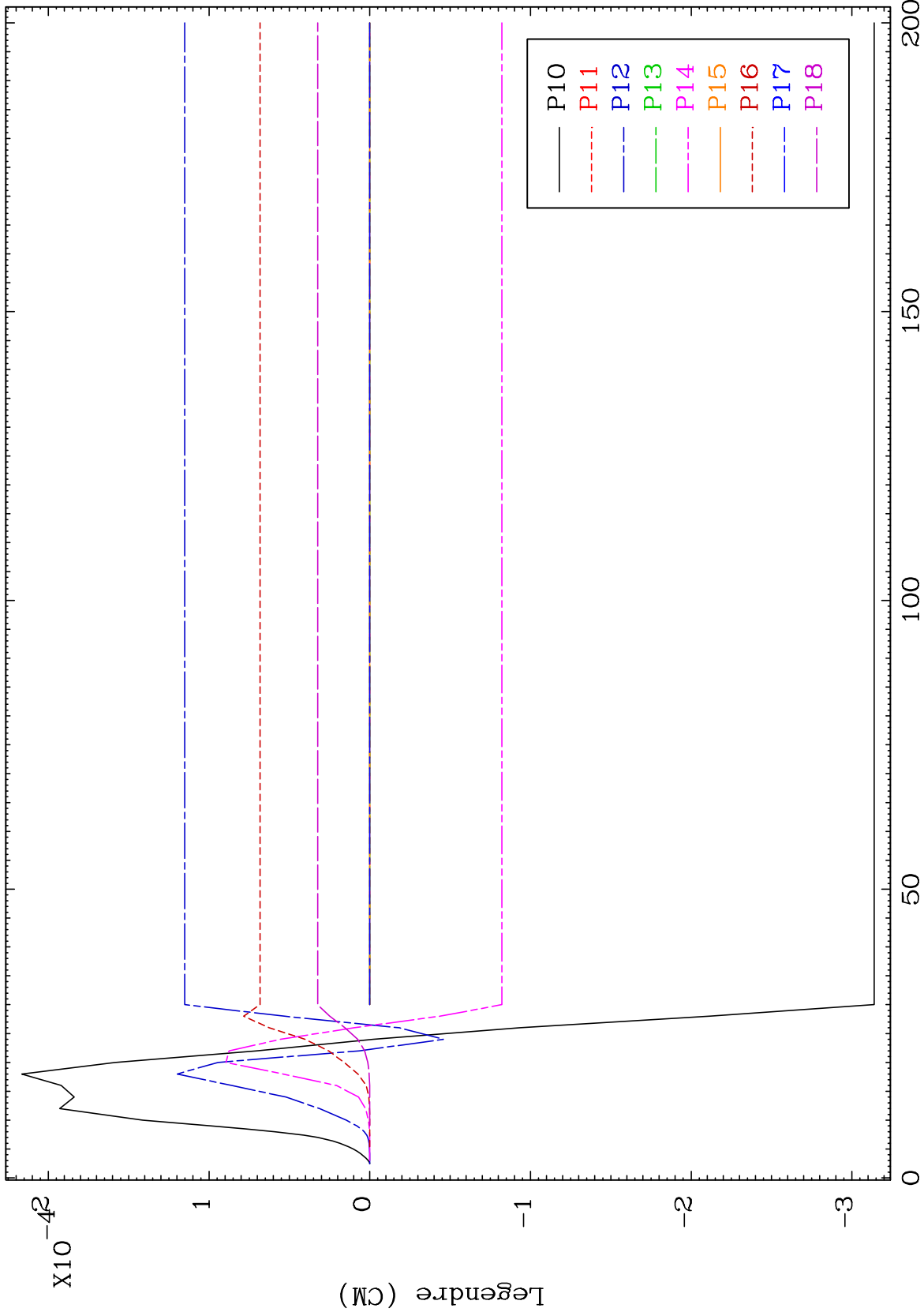
Incident Energy (MeV)

74-W -190

MAT 7455

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

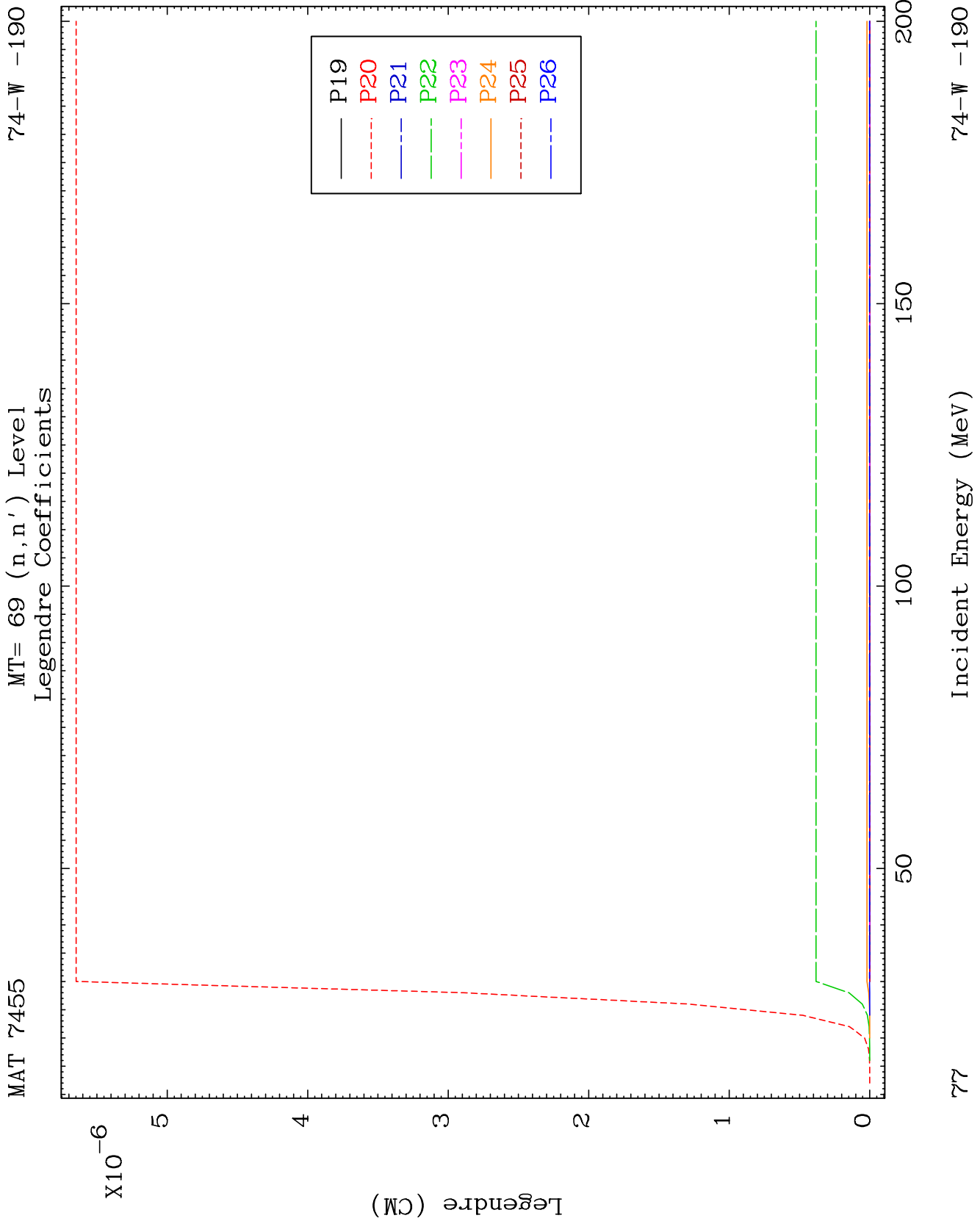
74-W -190

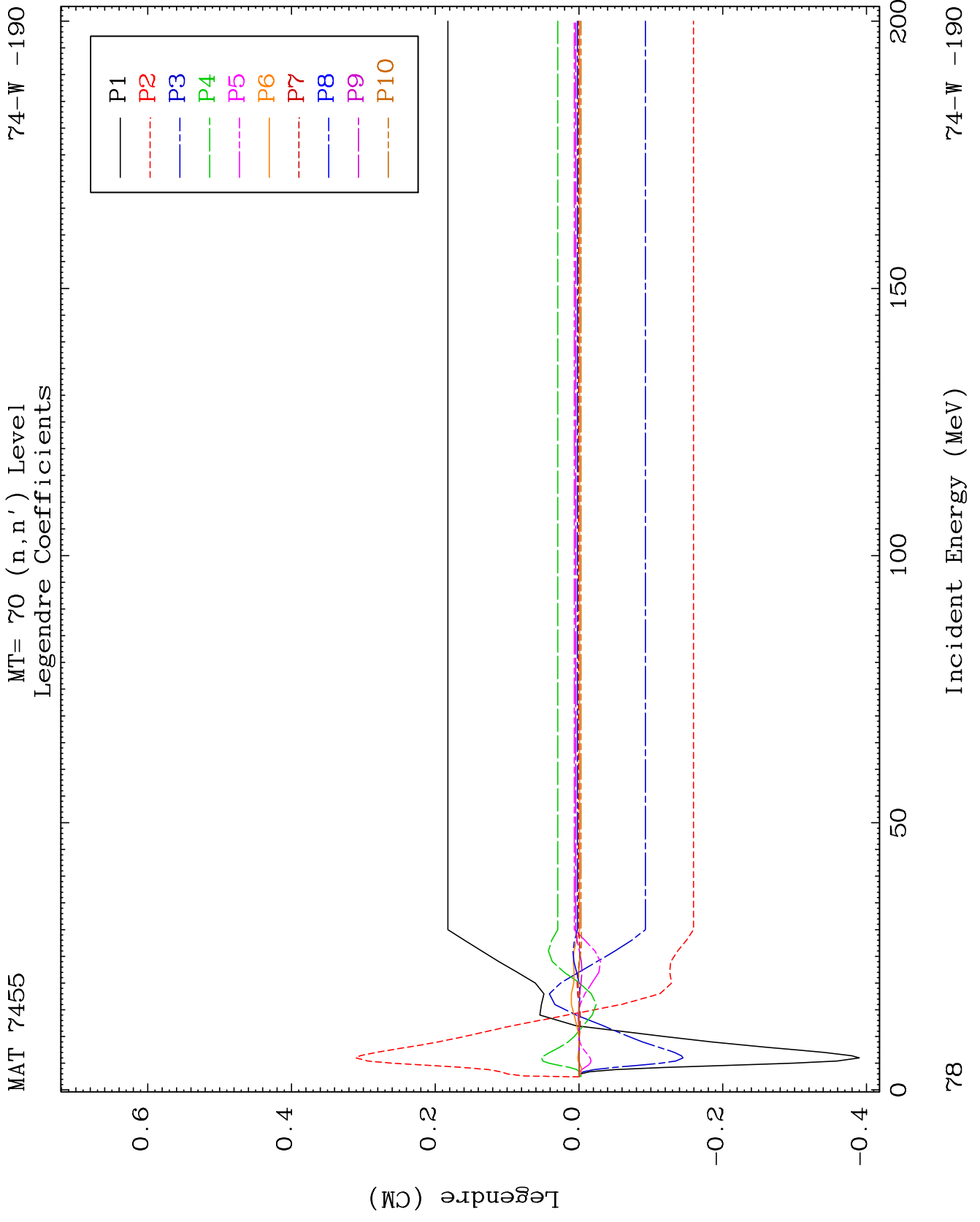


76

Incident Energy (MeV)

74-W -190

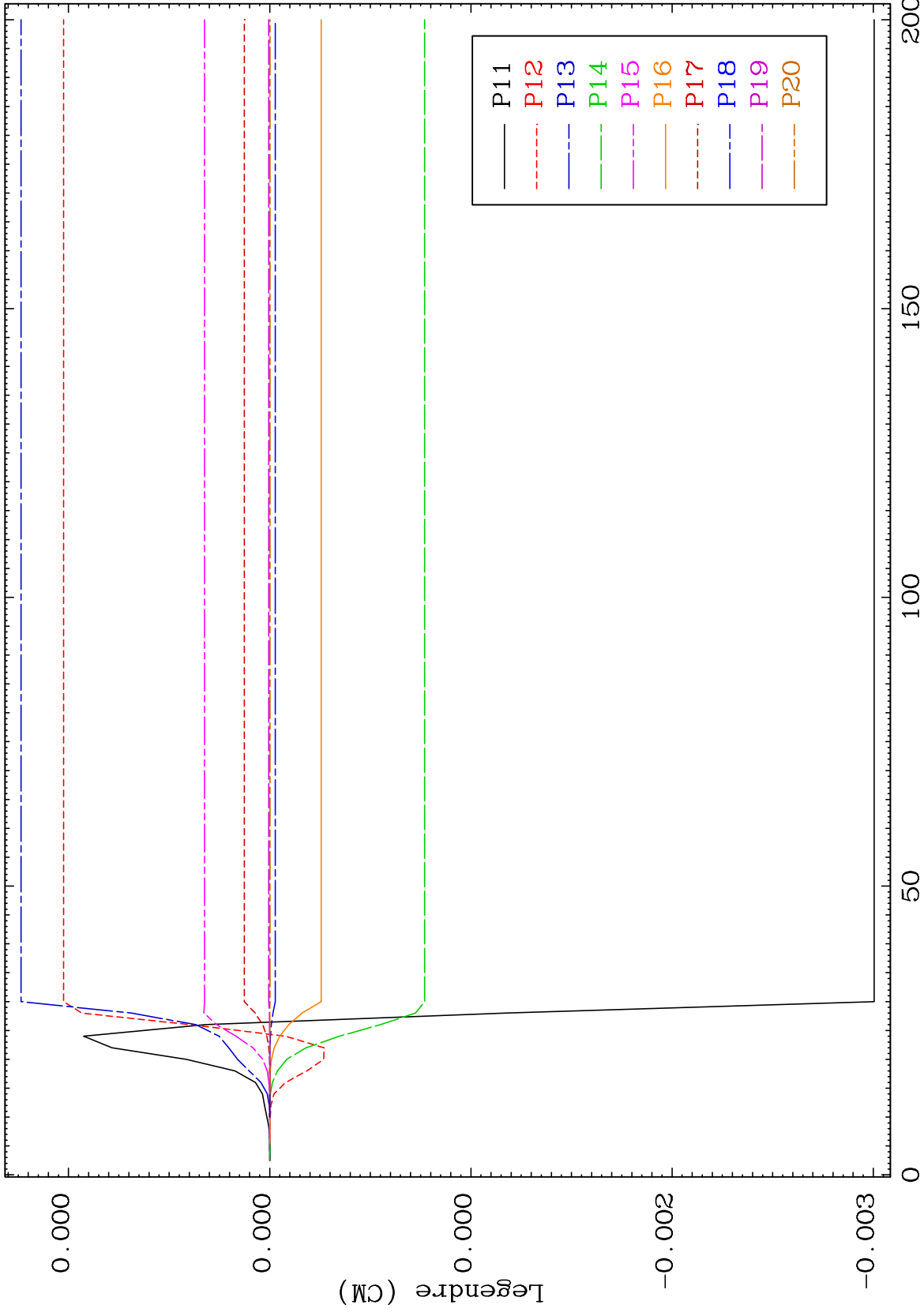




MAT 7455

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

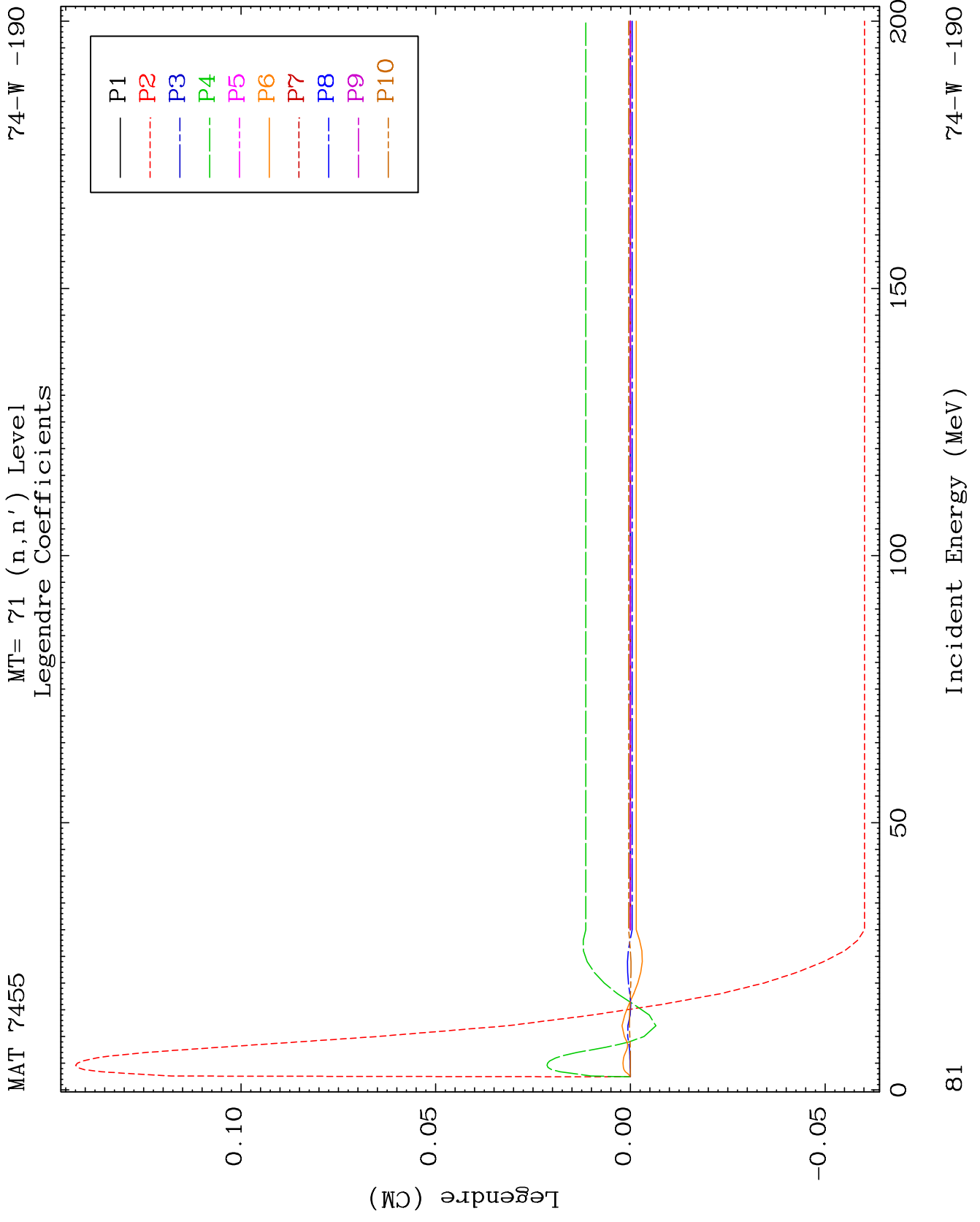
74-W -190



79

Incident Energy (MeV)

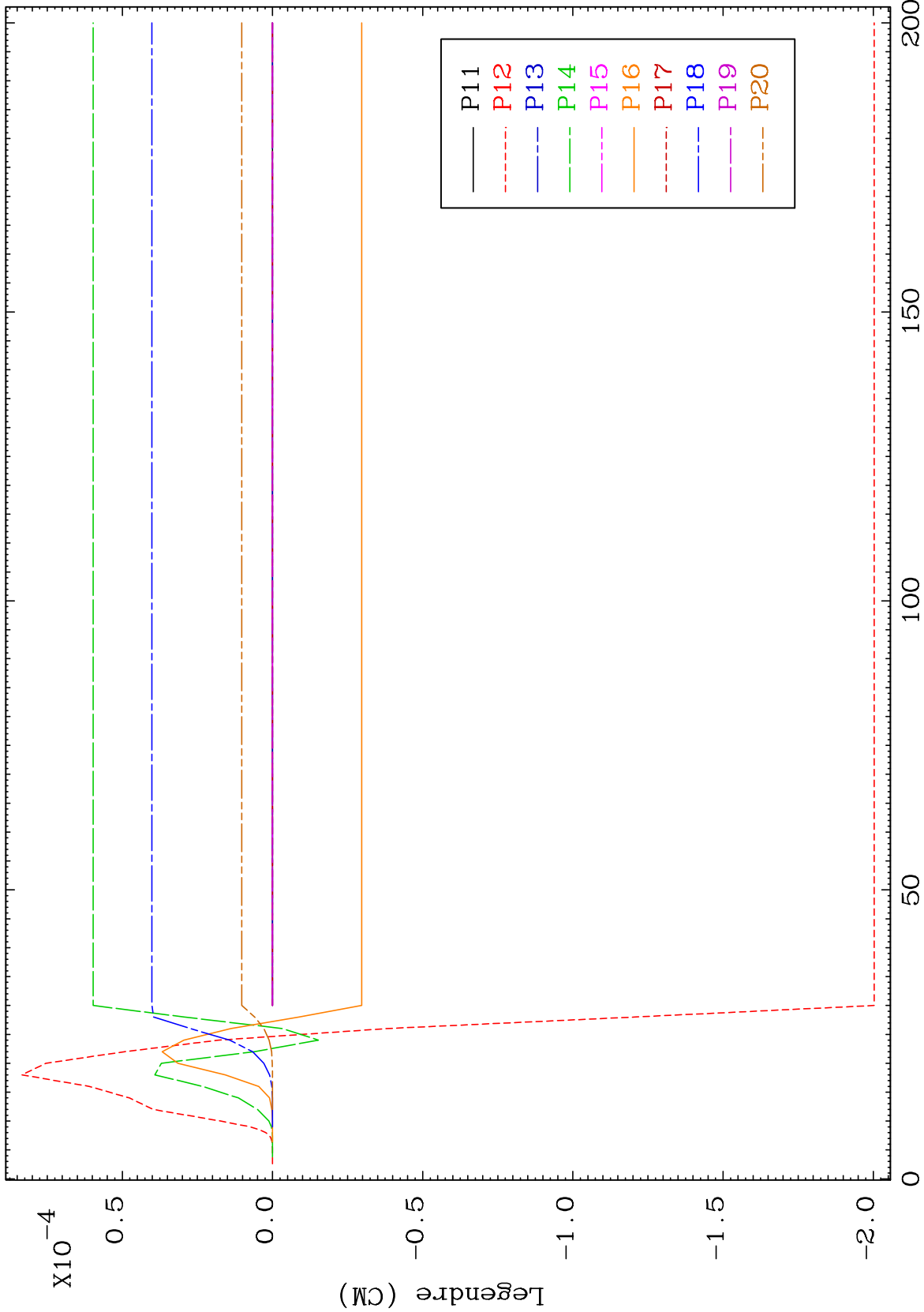
74-W -190



MAT 7455

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

74-W -190



82

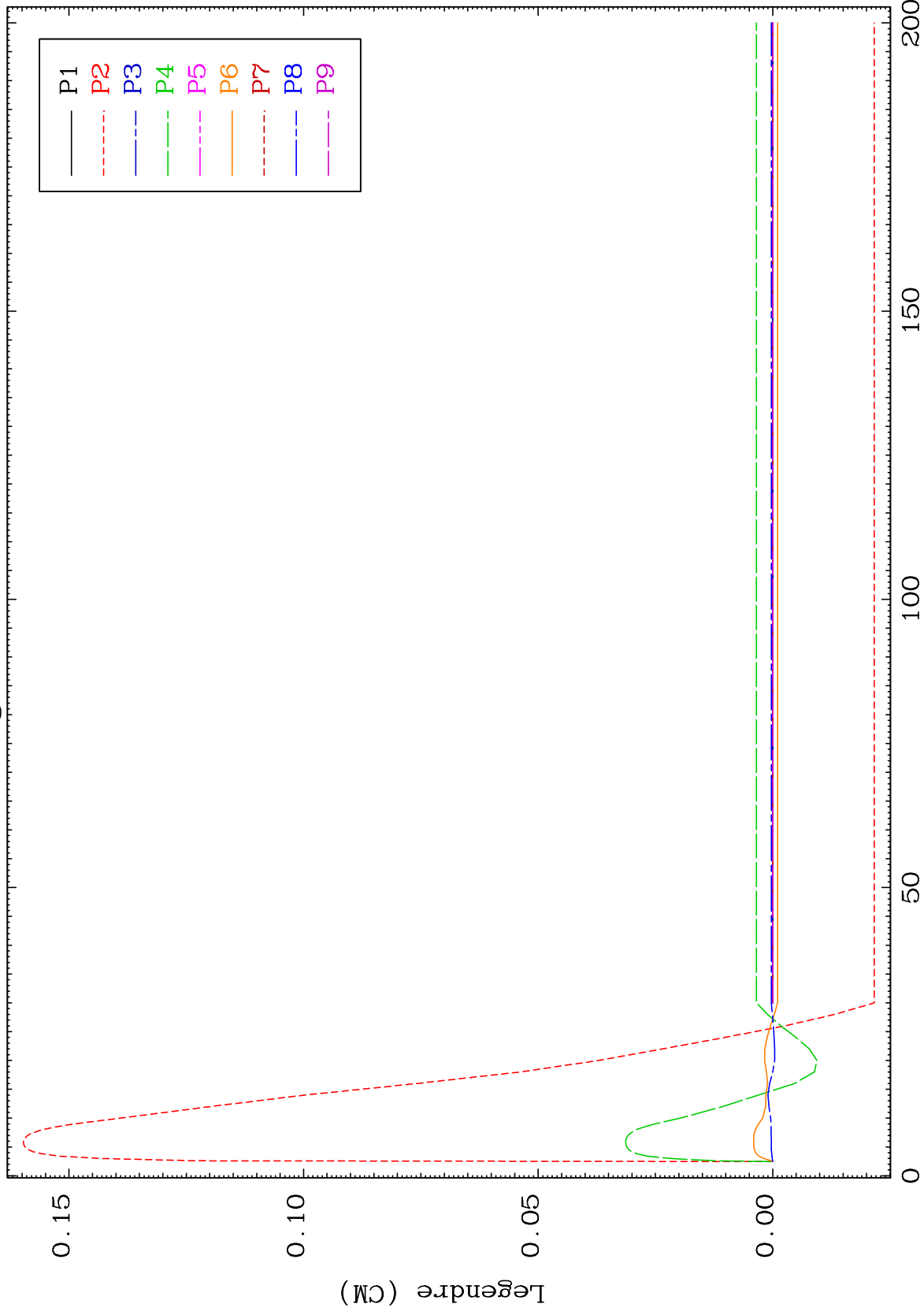
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



84

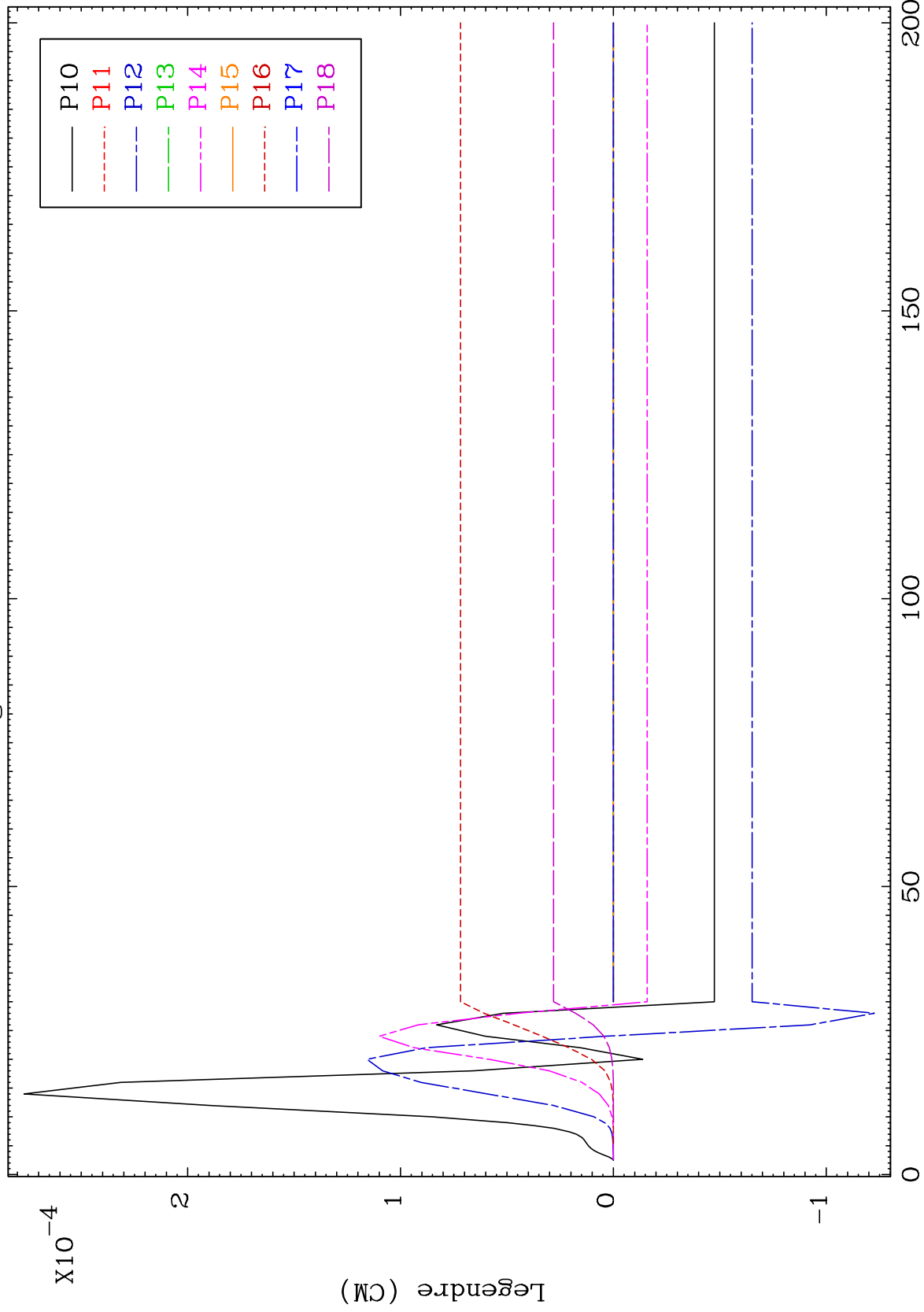
Incident Energy (MeV)

74-W -190

MAT 7455

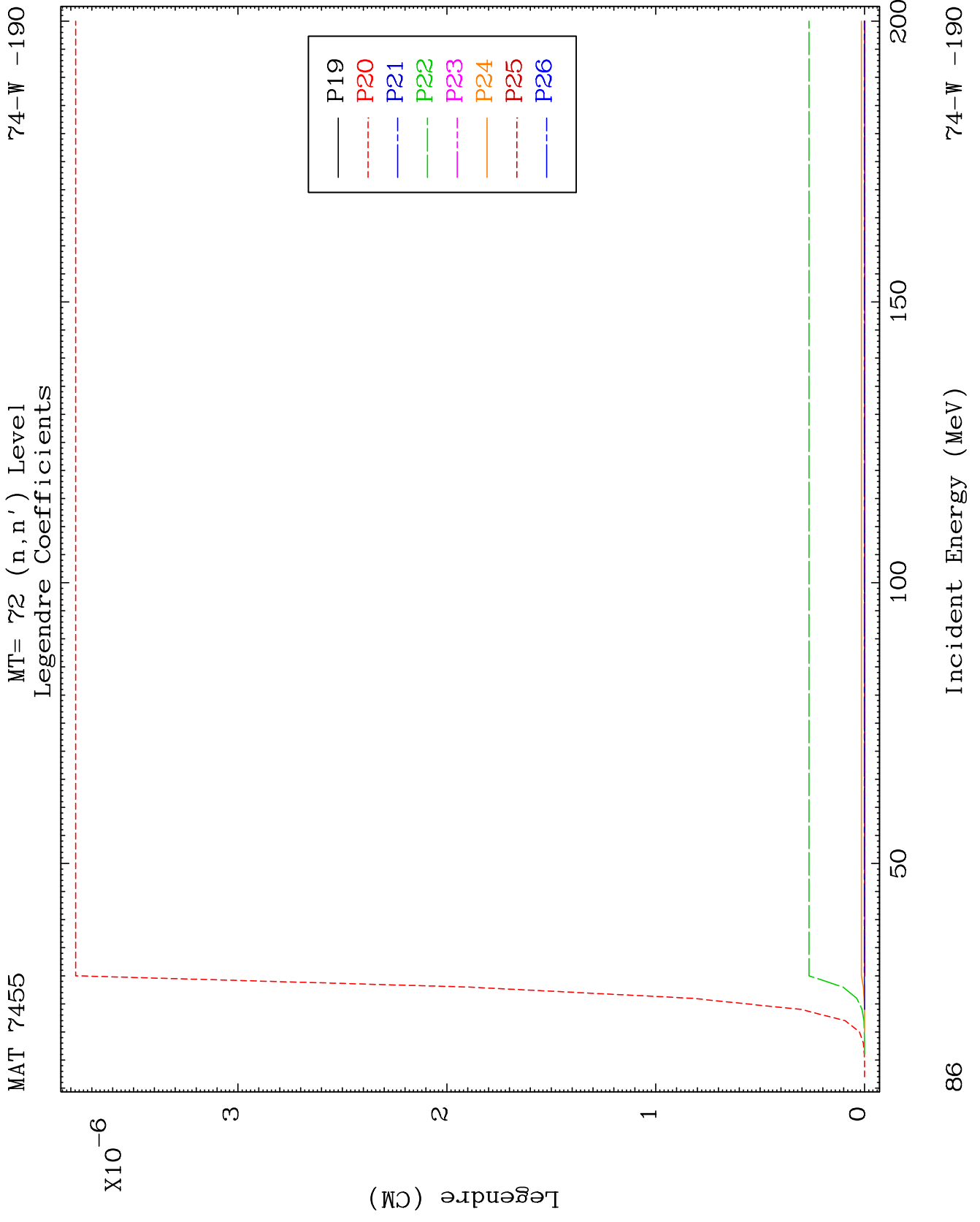
MT= 72 (n,n') Level
Legendre Coefficients

74-W -190



85

74-W -190

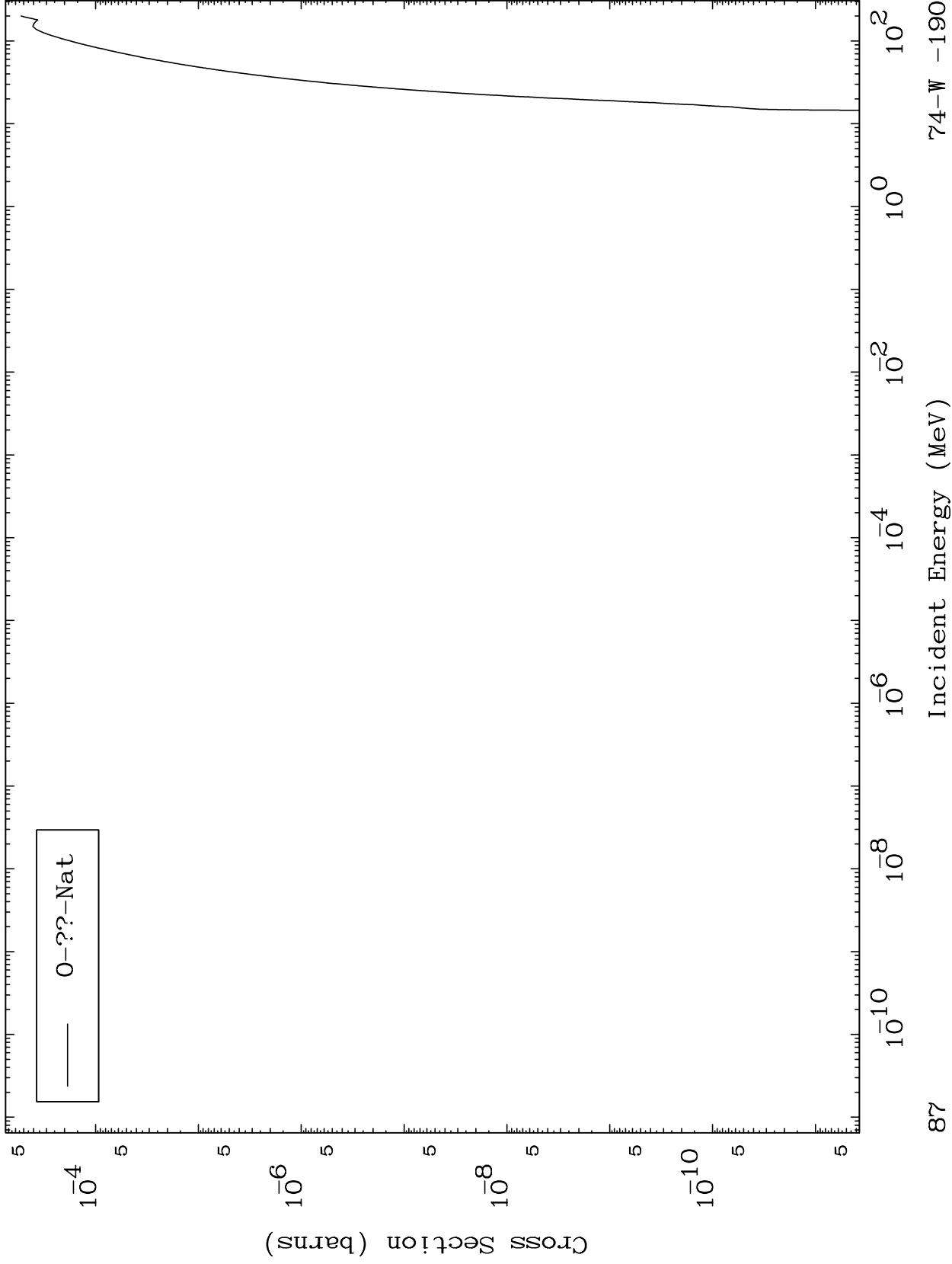


MAT 7455

Fission

74-W -190

Radionuclide Production Cross Section



87

Incident Energy (MeV)

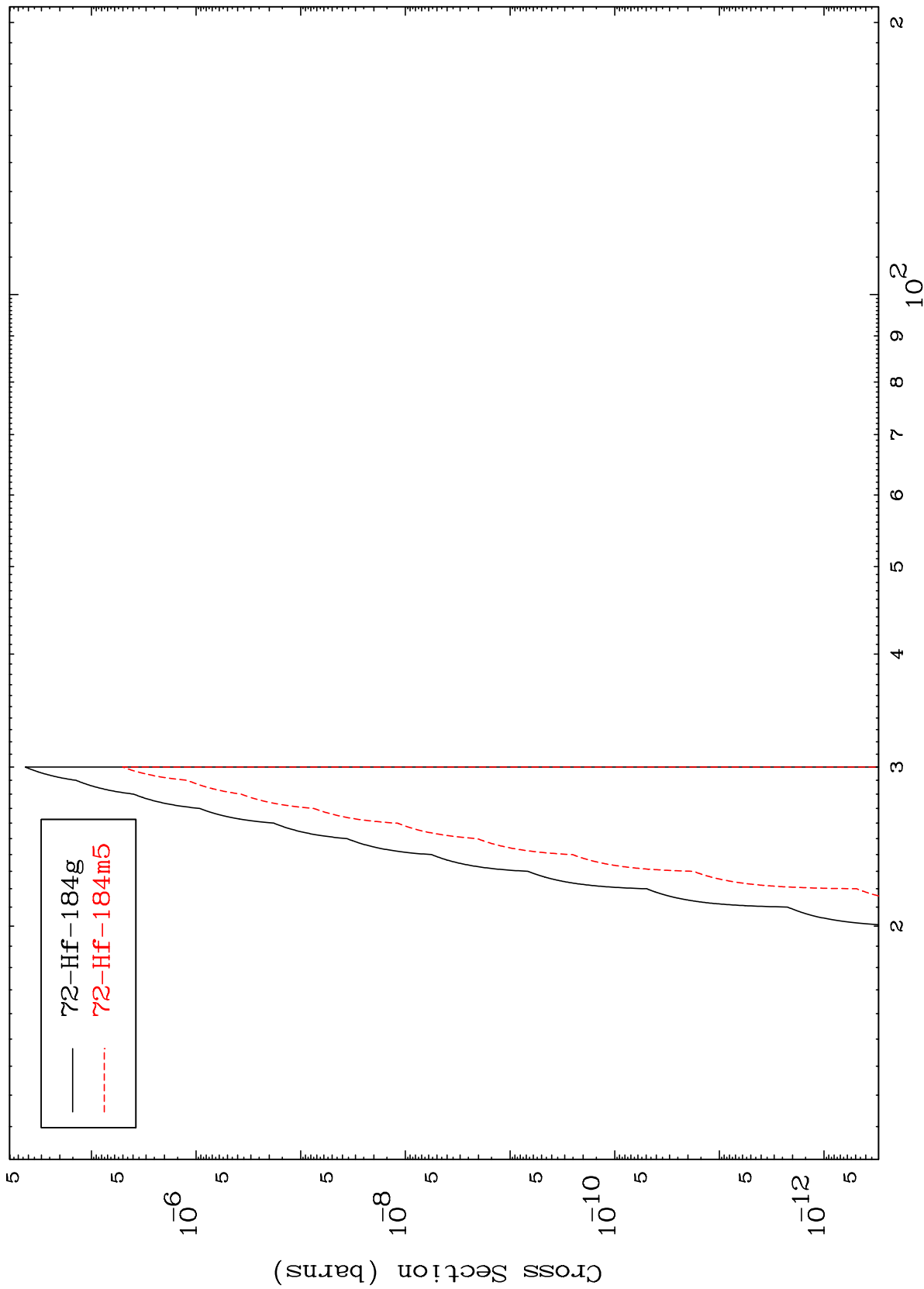
74-W -190

MAT 7455

(n,3n) α

74-W -190

Radionuclide Production Cross Section



Incident Energy (MeV)

74-W -190