

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

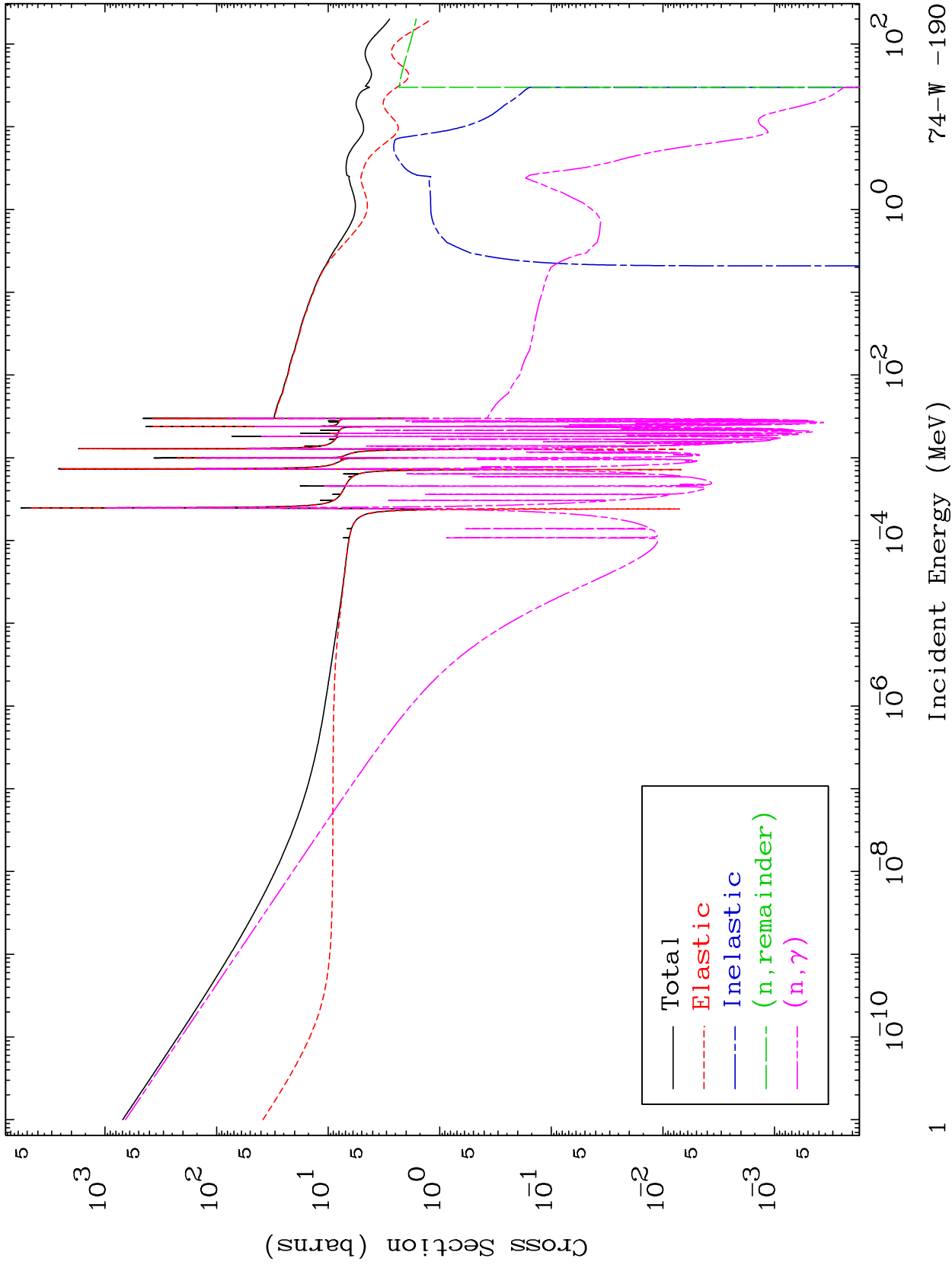
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7455

Major  
293 Kelvin Cross Sections

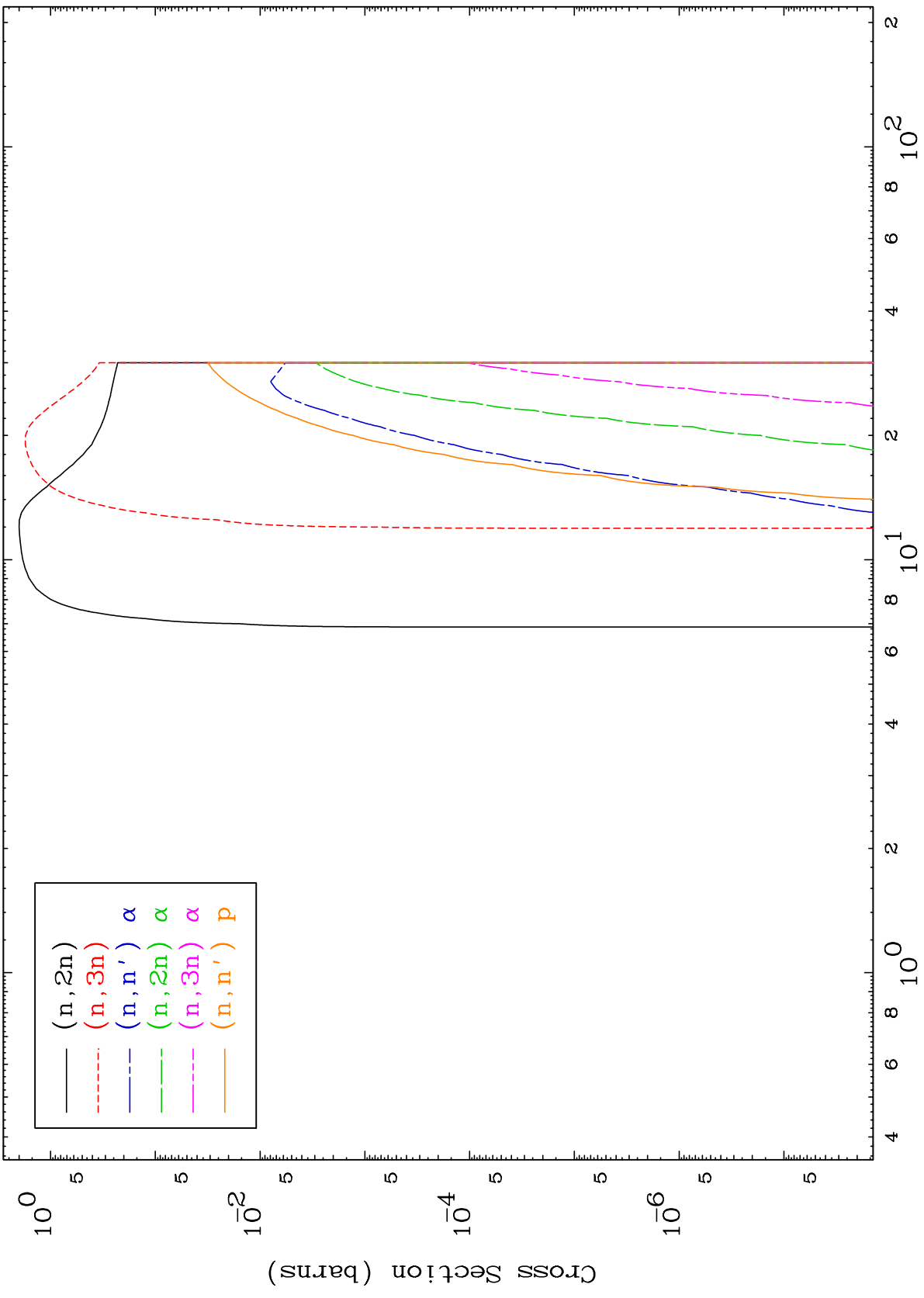
74-W -190



MAT 7455

Neutron Production  
293 Kelvin Cross Sections

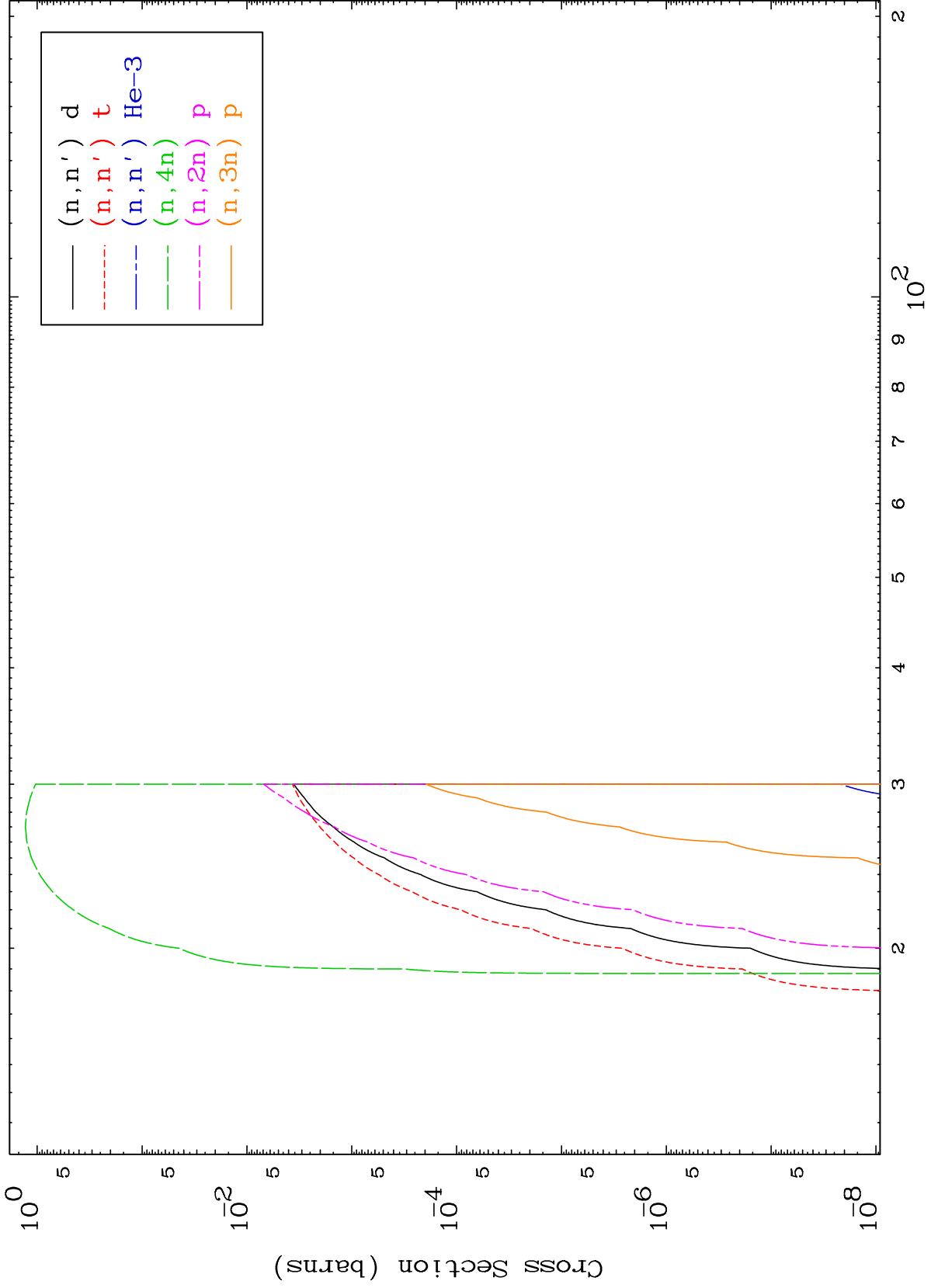
74-W -190



2

Incident Energy (MeV)

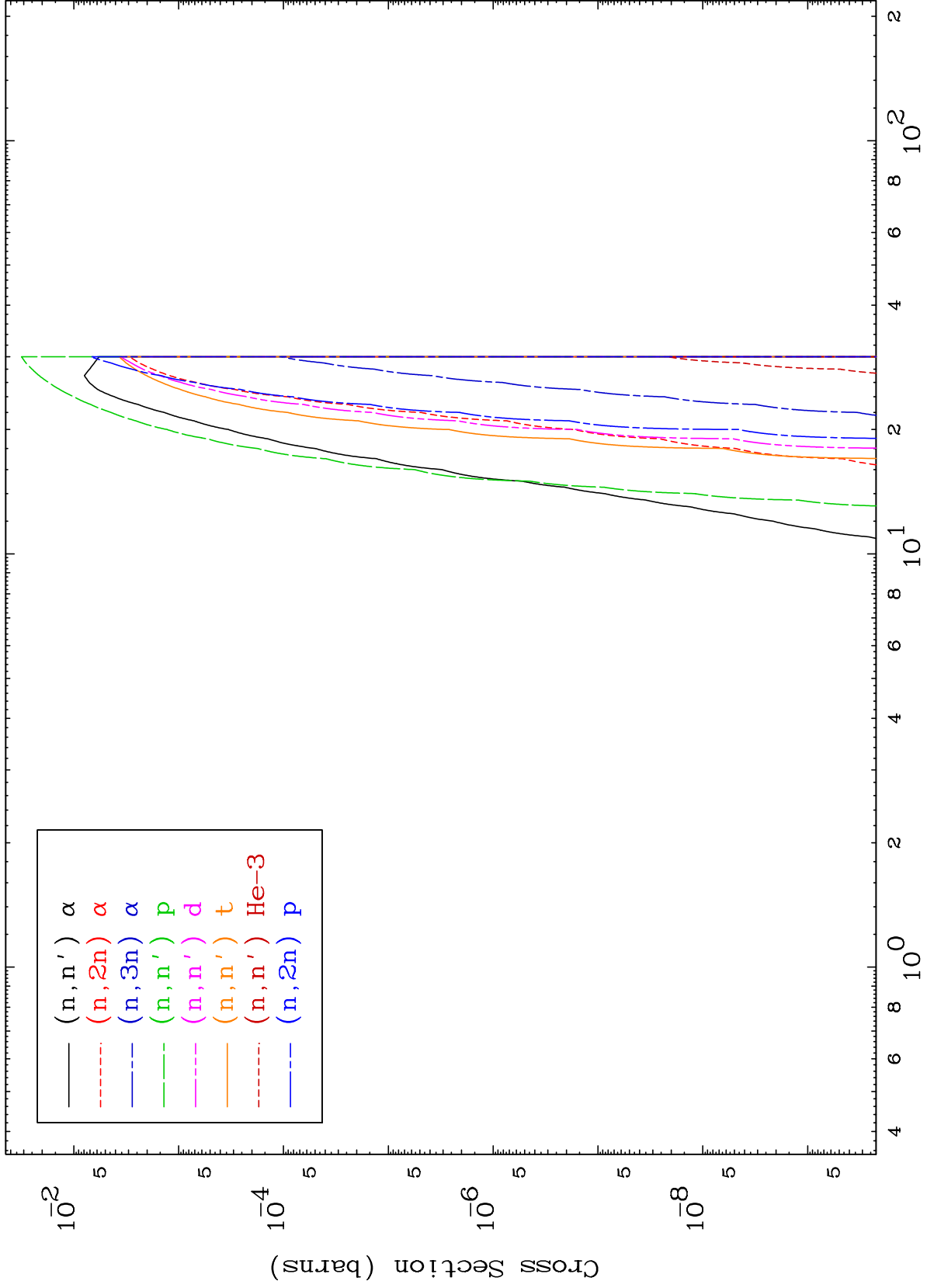
74-W -190



MAT 7455

Charged Particle  
293 Kelvin Cross Sections

74-W -190



4

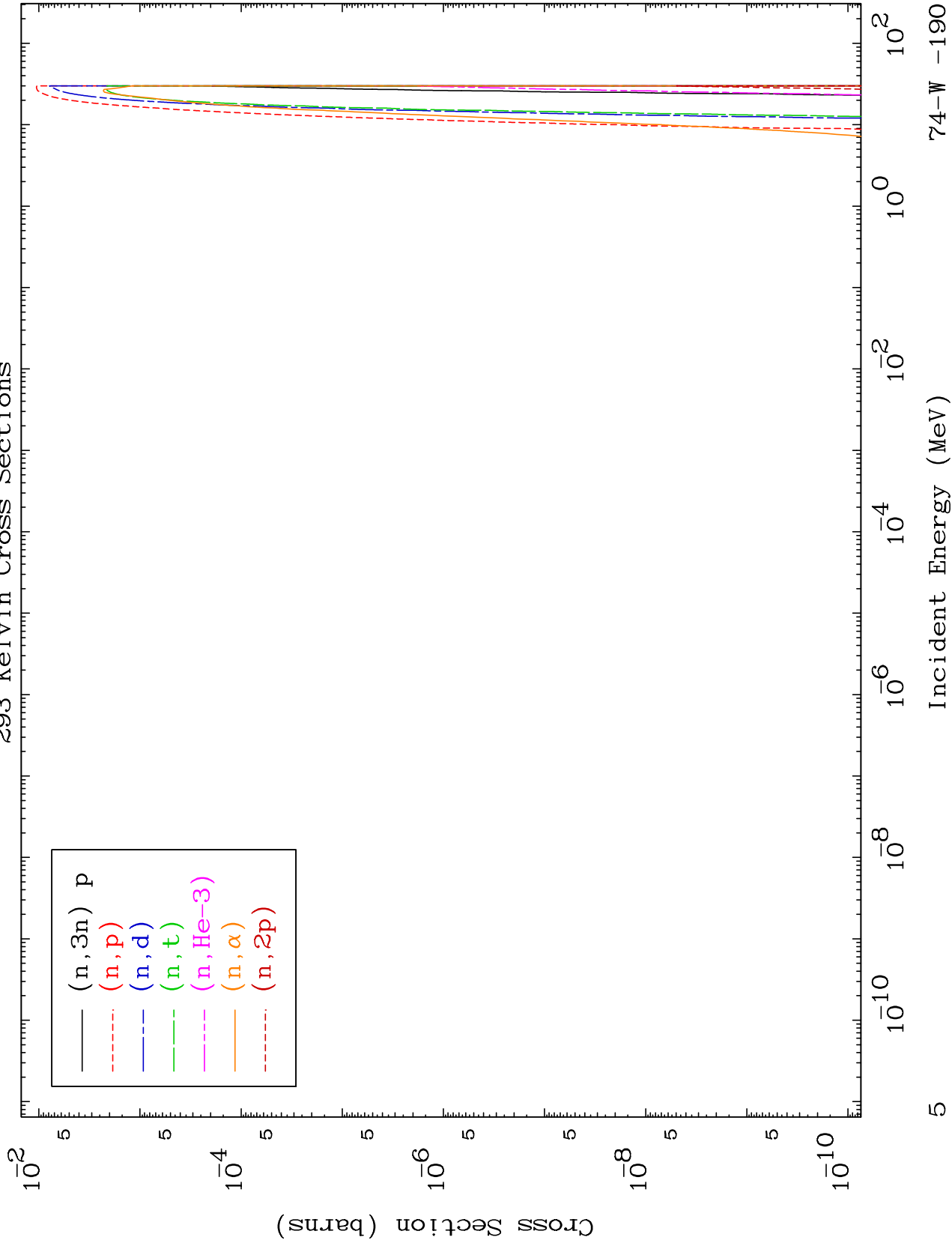
Incident Energy (MeV)

74-W -190

MAT 7455

Charged Particle  
293 Kelvin Cross Sections

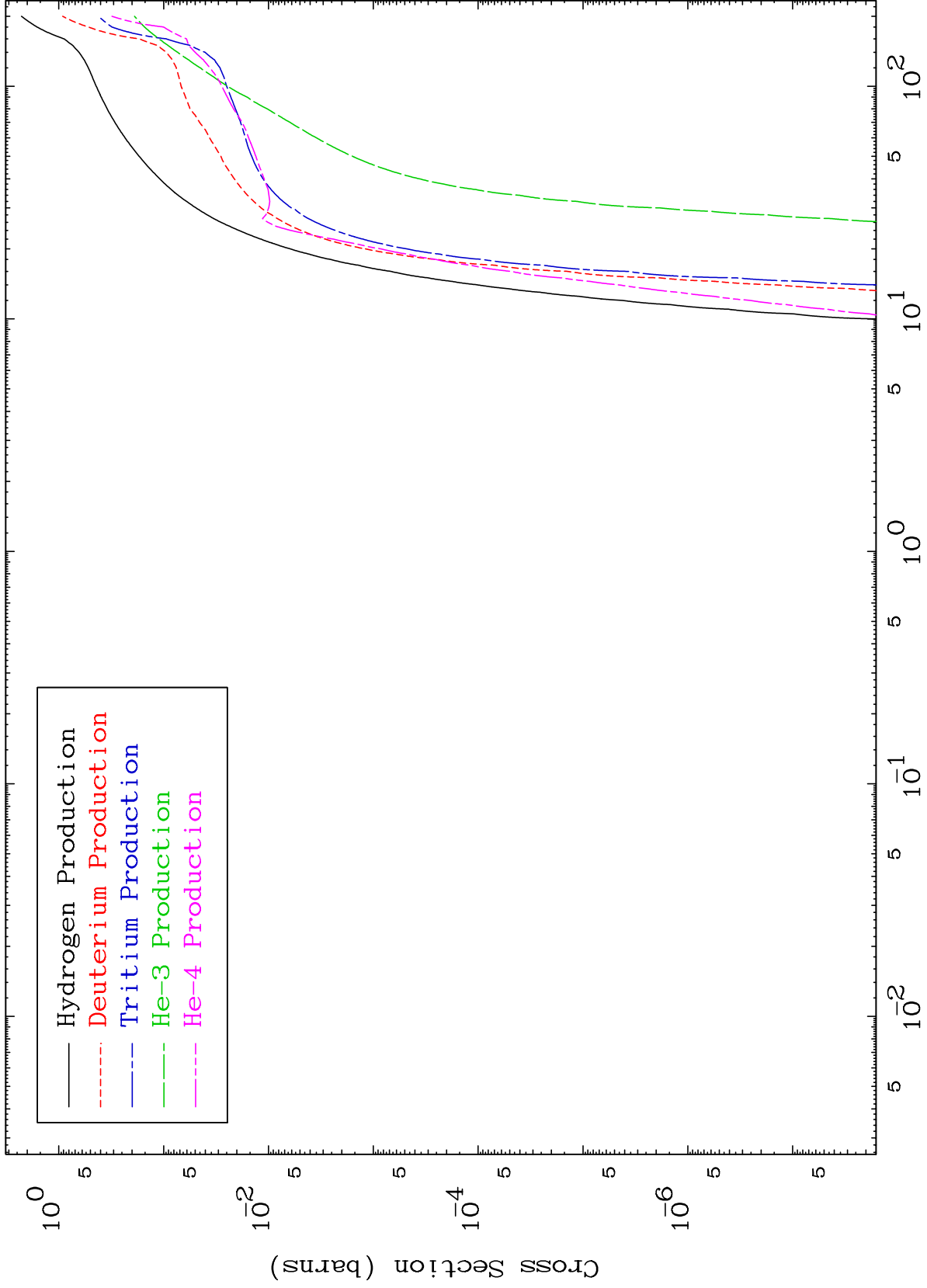
74-W -190



MAT 7455

Particle Production  
293 Kelvin Cross Sections

74-W -190

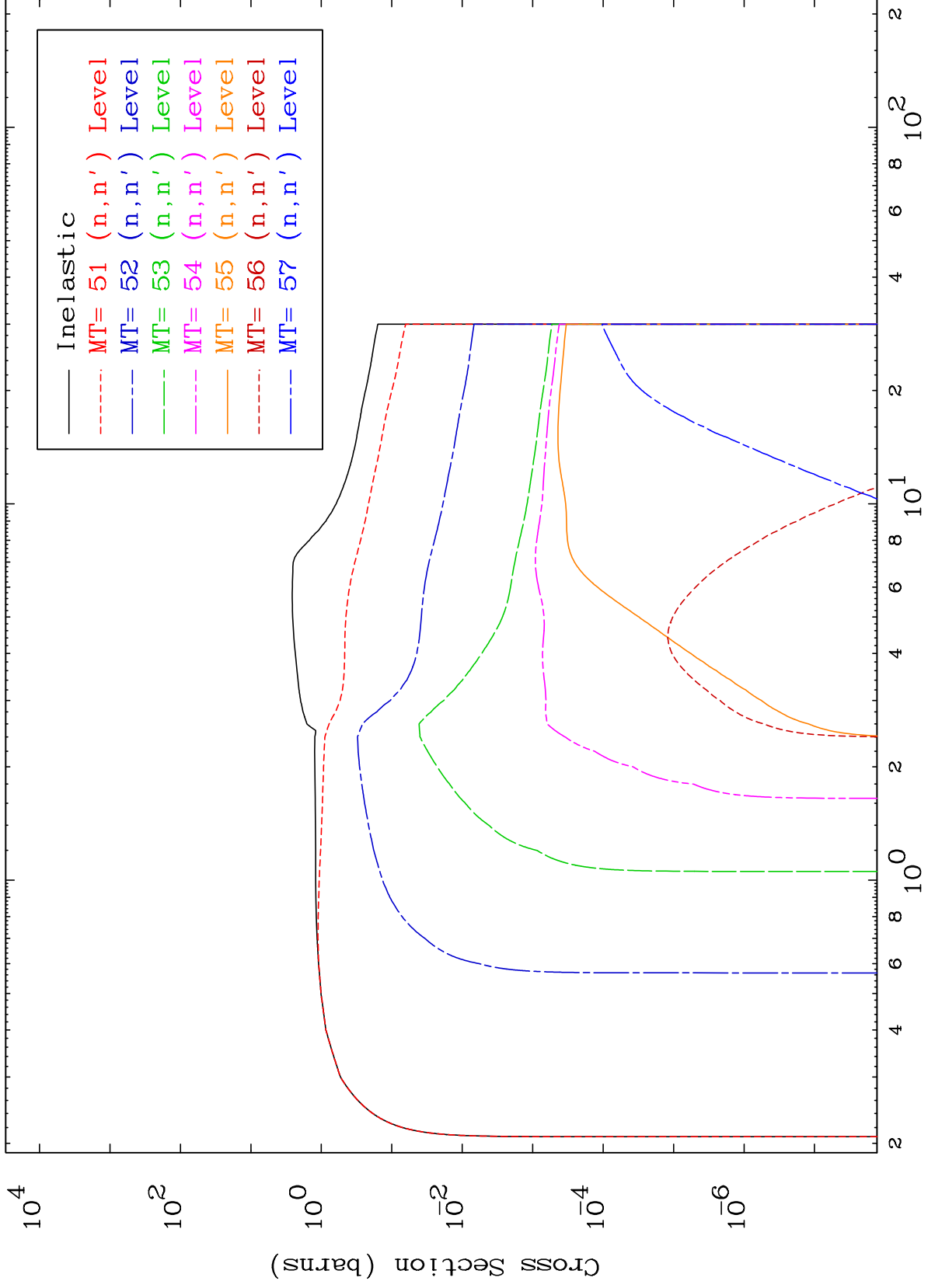


6

Incident Energy (MeV)

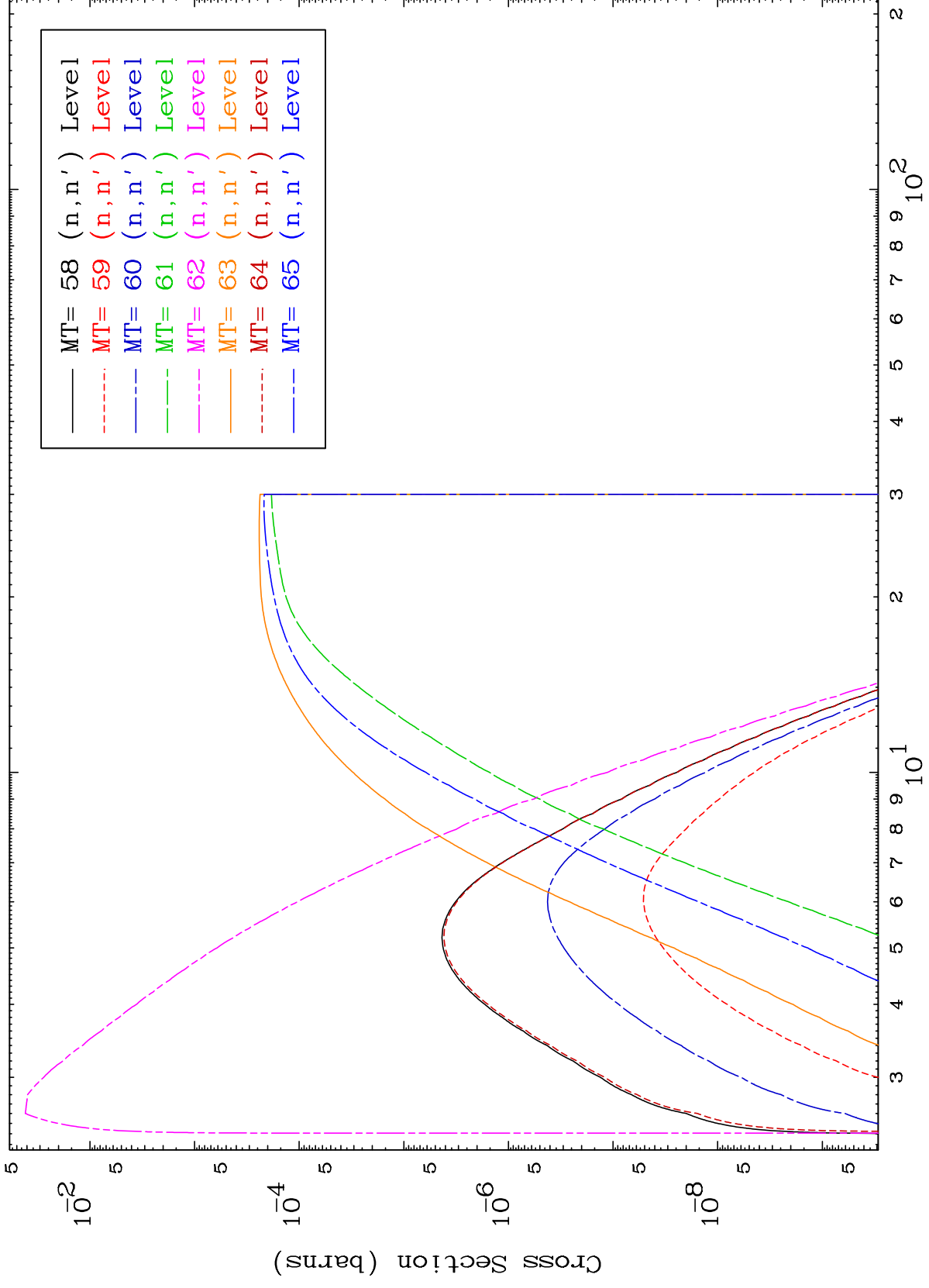
74-W -190

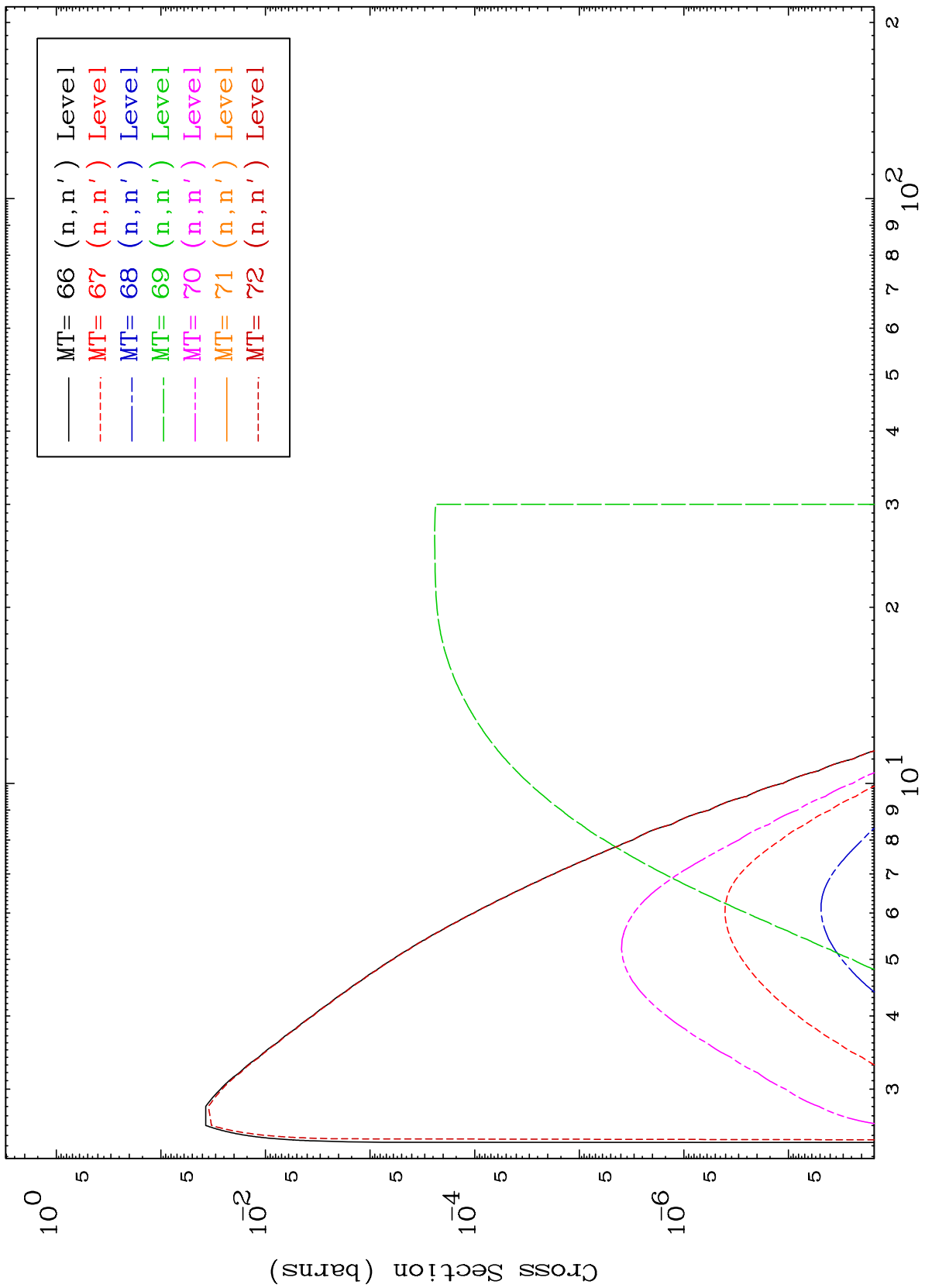
293 Kelvin Cross Sections





293 Kelvin Cross Sections

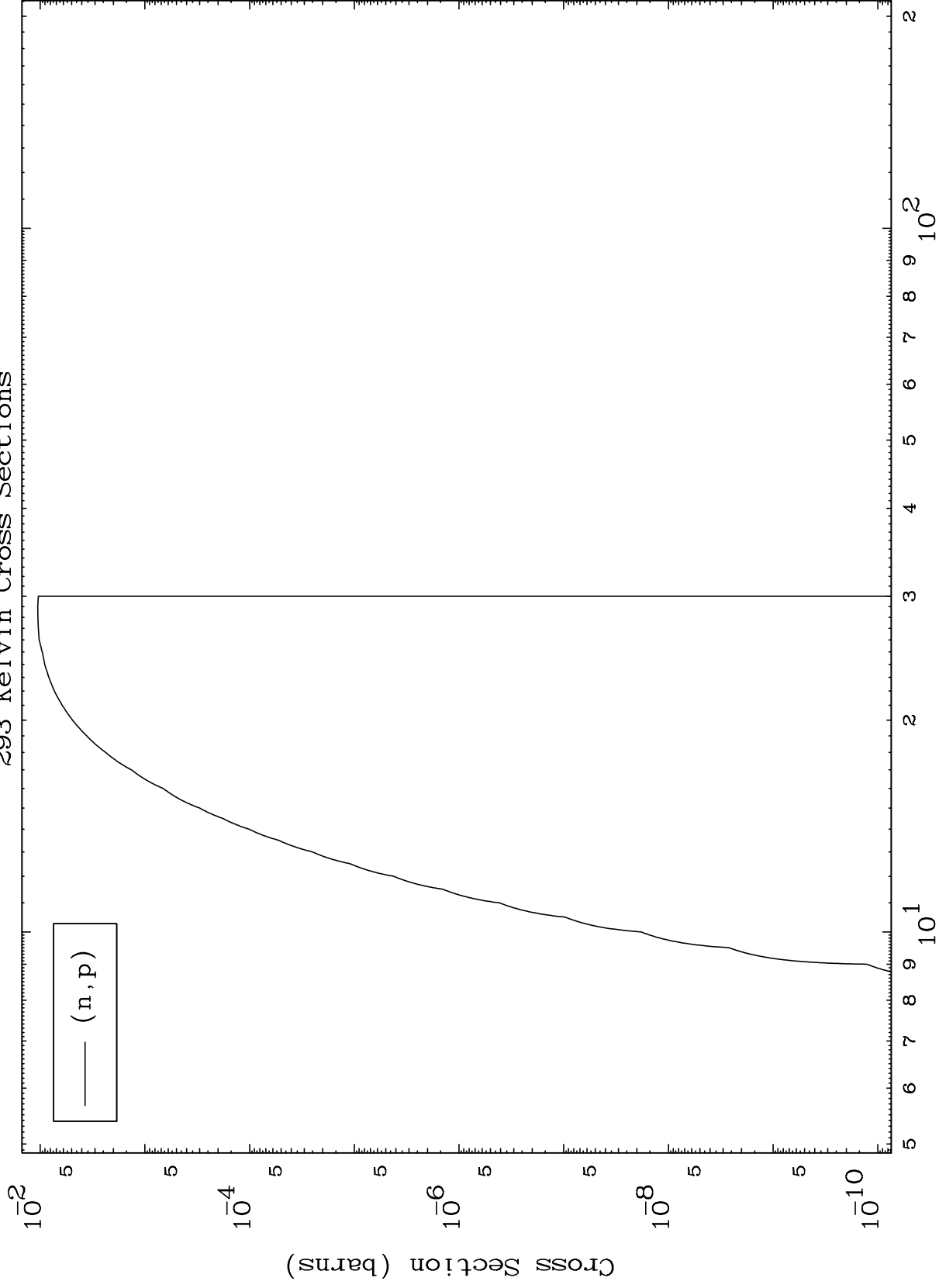




MAT 7455

(n,p) Levels  
293 Kelvin Cross Sections

74-W -190



74-W -190

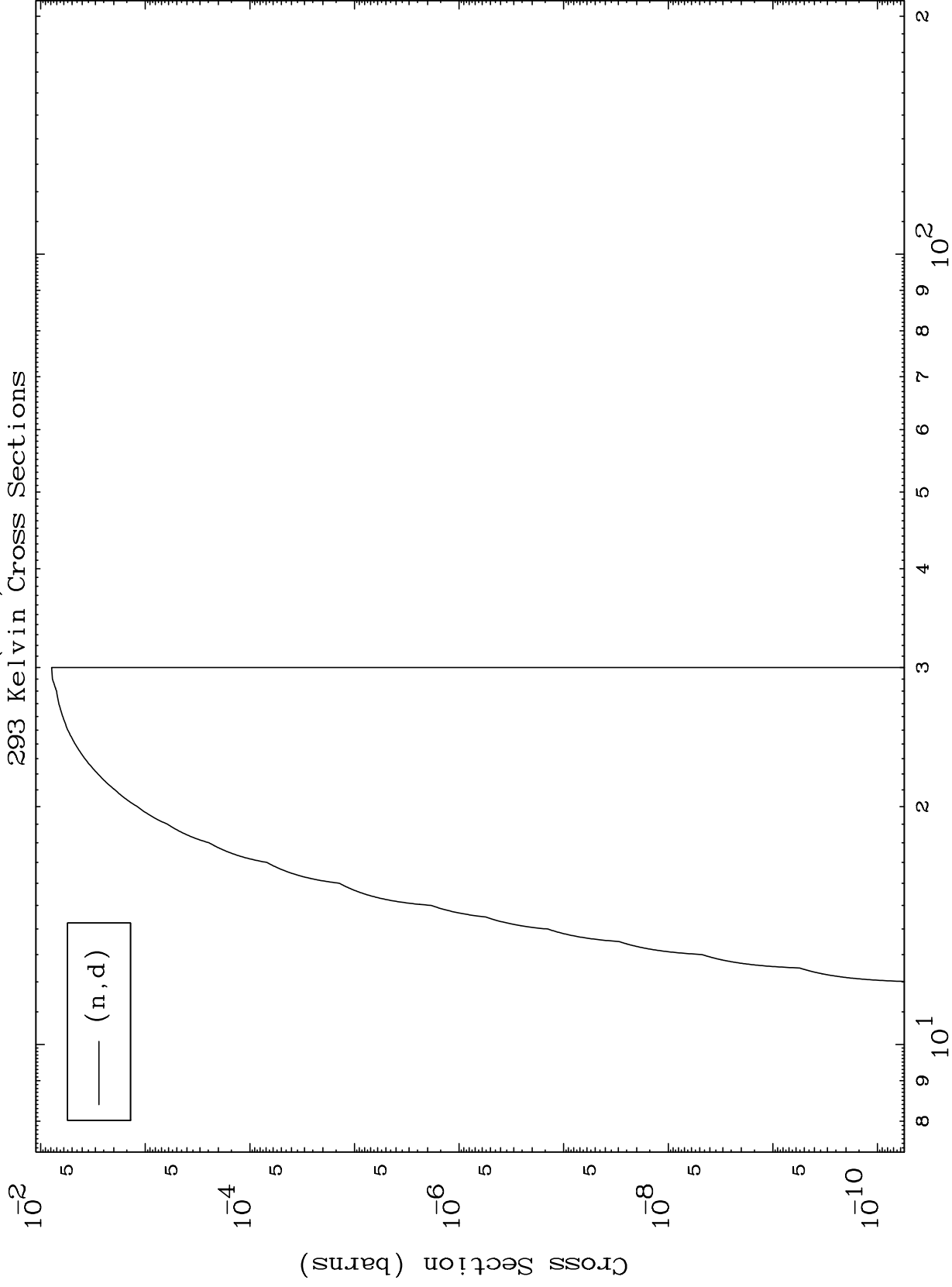
Incident Energy (MeV)

10

MAT 7455

(n,d) Levels  
293 Kelvin Cross Sections

74-W -190



11

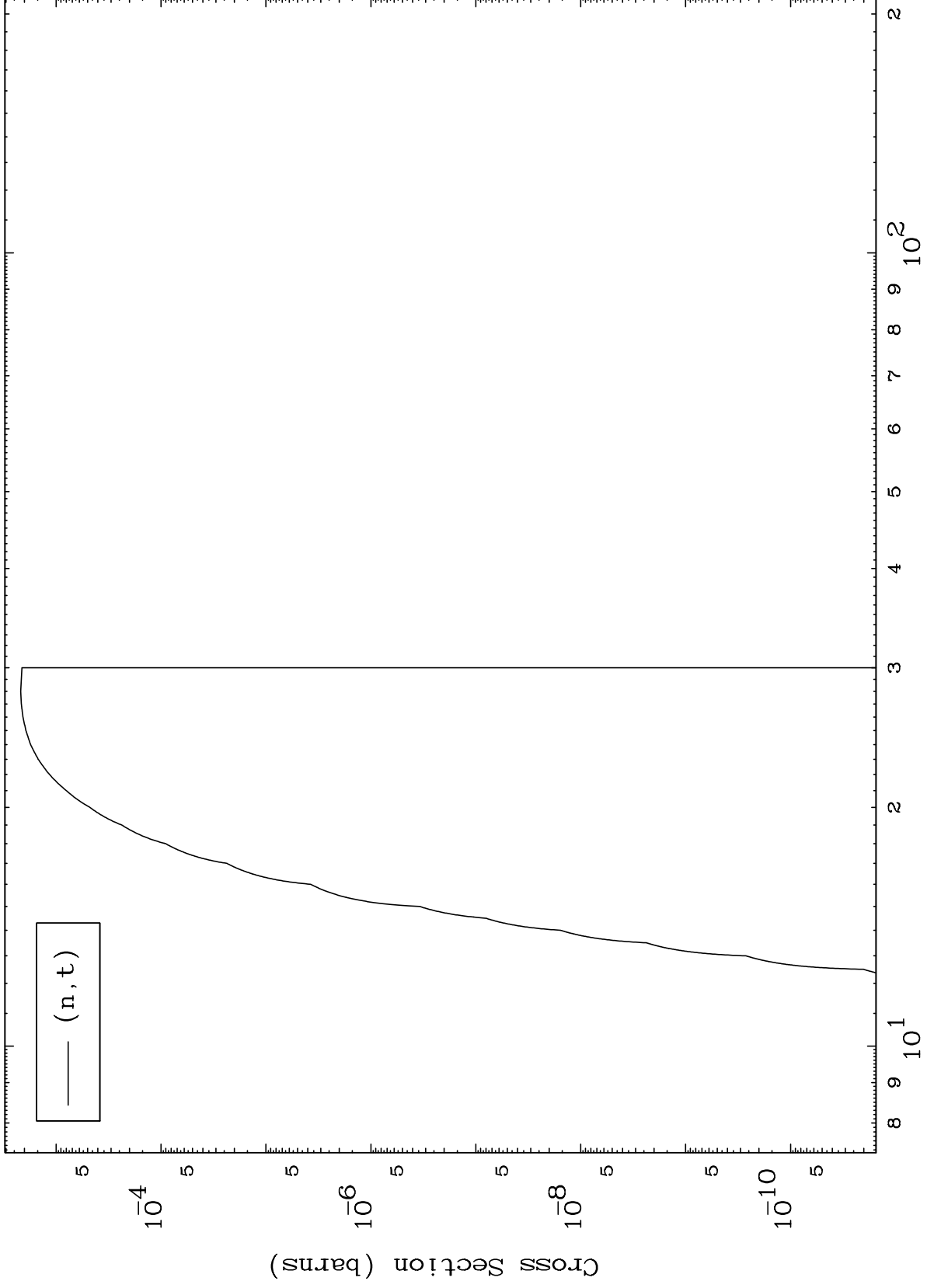
Incident Energy (MeV)

74-W -190

MAT 7455

(n,t) Levels  
293 Kelvin Cross Sections

74-W -190



12

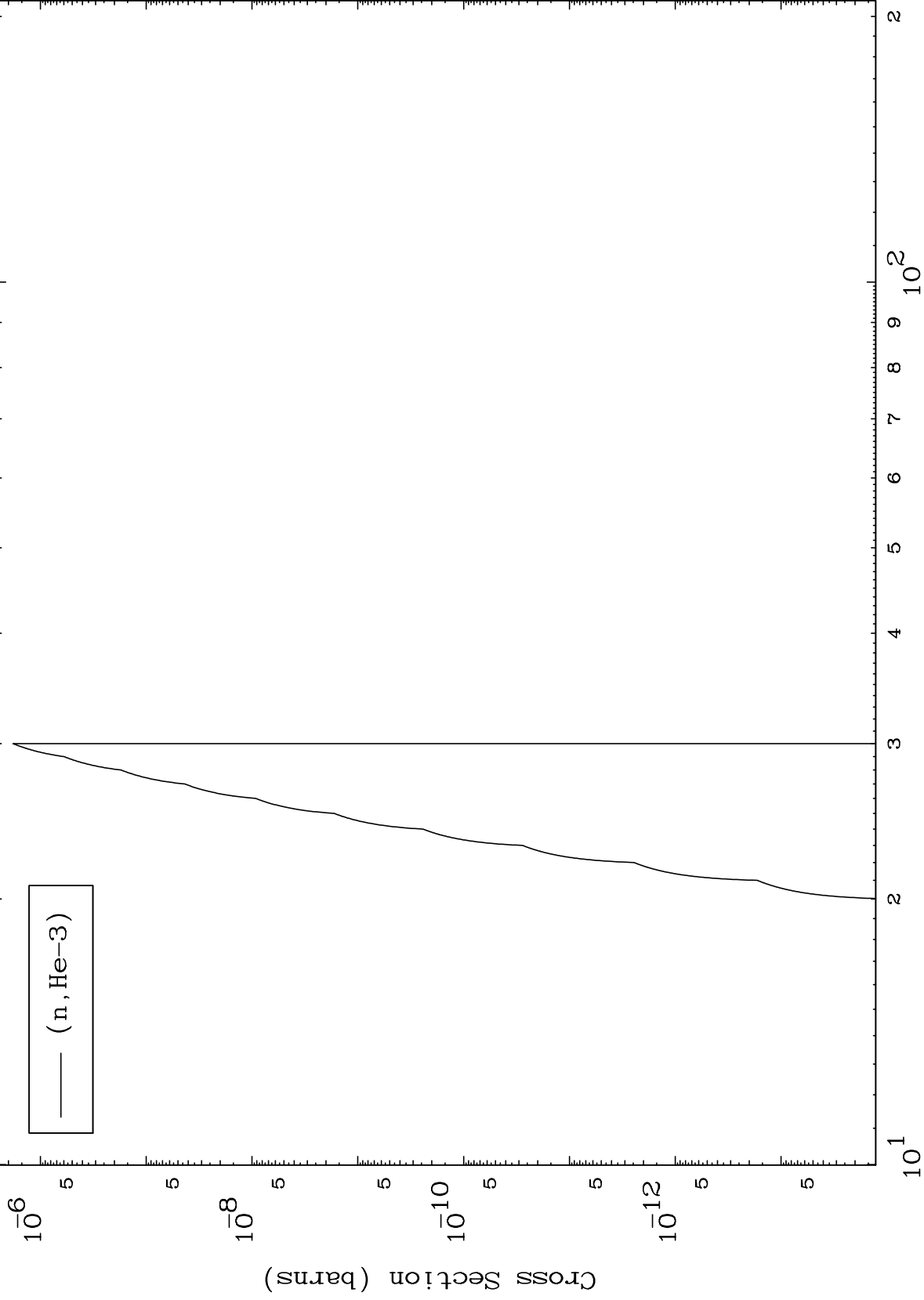
Incident Energy (MeV)

74-W -190

MAT 7455

(n,He3) Levels  
293 Kelvin Cross Sections

74-W -190



Incident Energy (MeV)

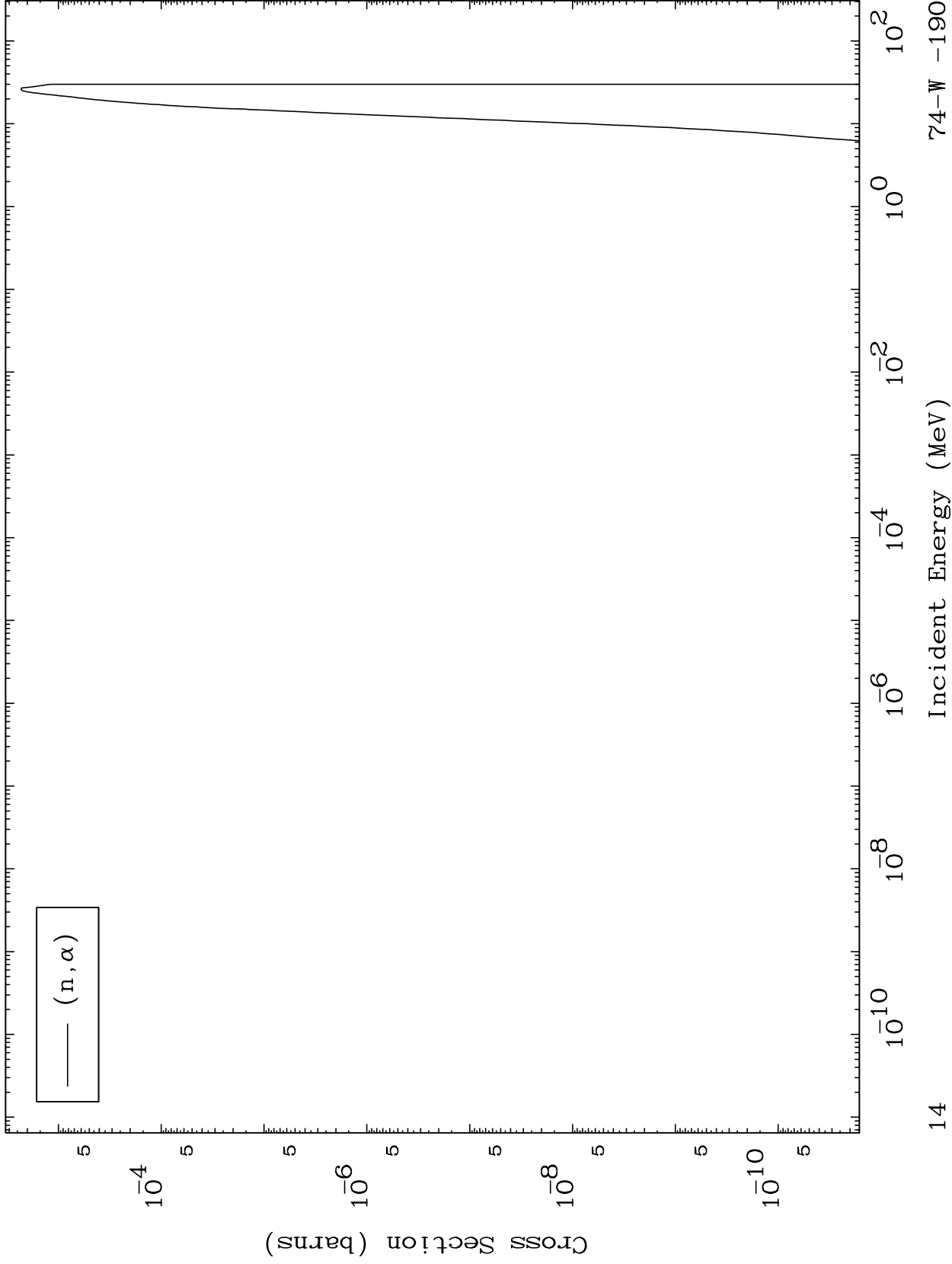
74-W -190

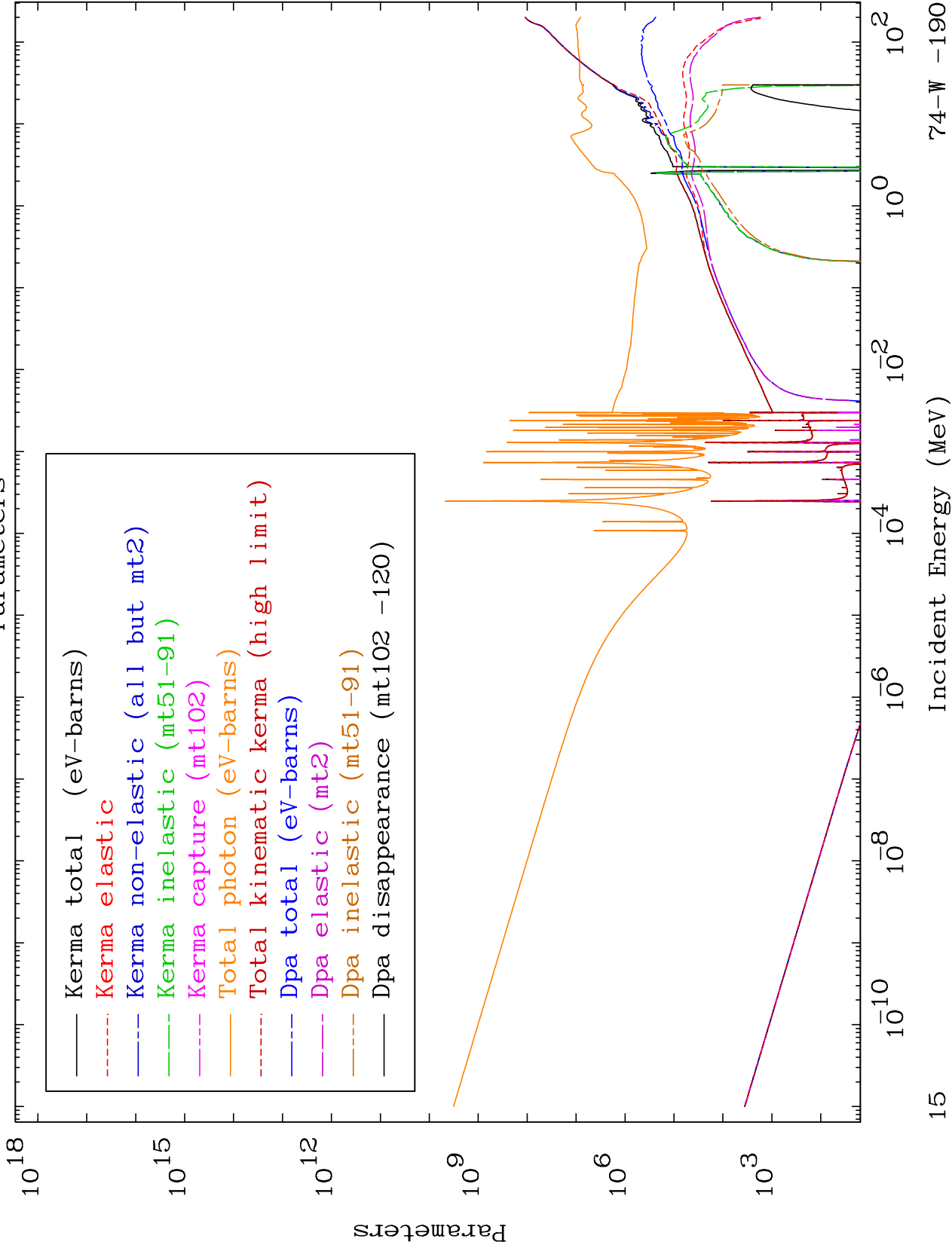
13

MAT 7455

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

74-W -190



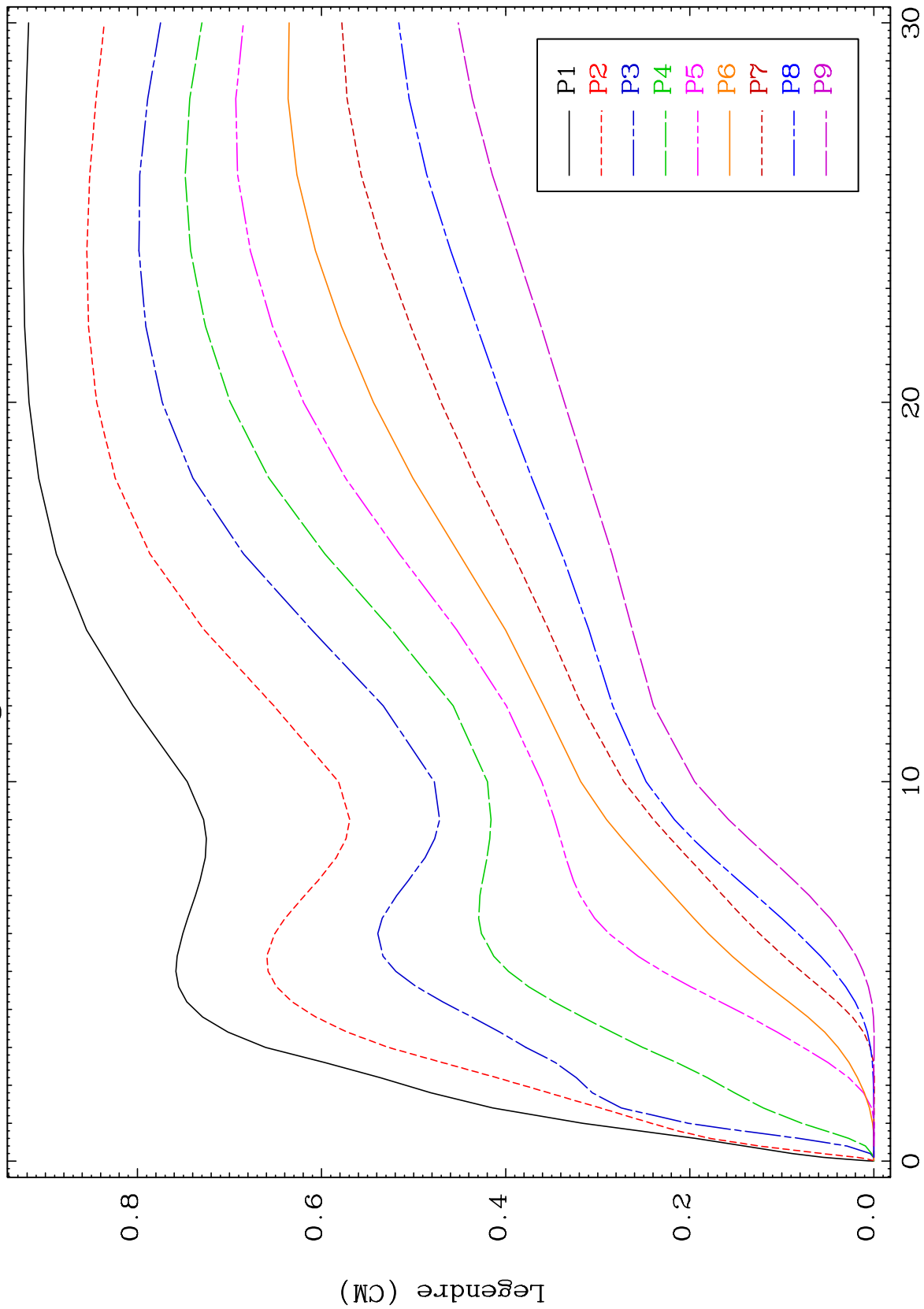




MAT 7455

Elastic Legendre Coefficients

74-W -190



16

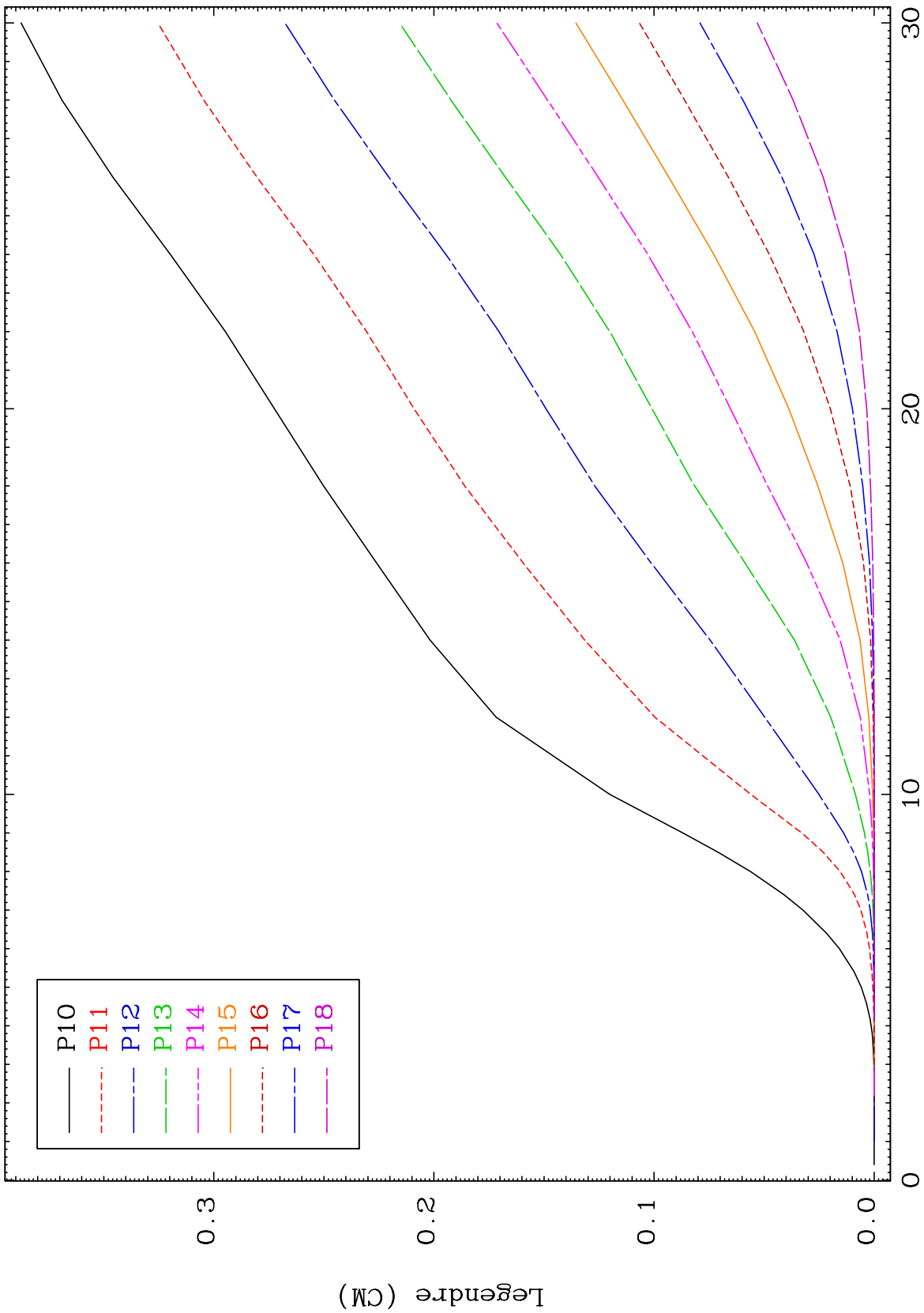
Incident Energy (MeV)

74-W -190

MAT 7455

Elastic Legendre Coefficients

74-W -190



17

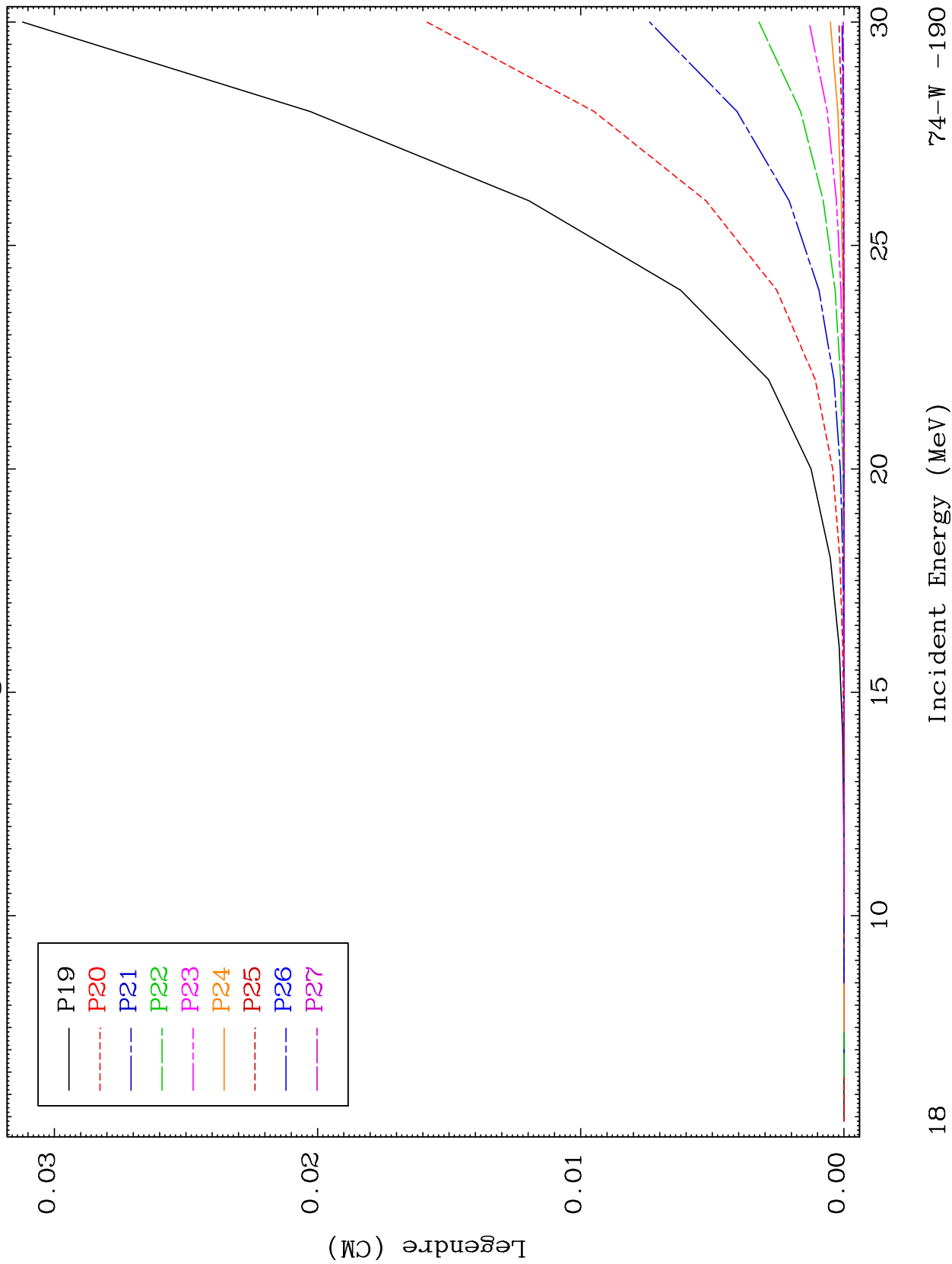
Incident Energy (MeV)

74-W -190

MAT 7455

### Elastic Legendre Coefficients

74-W -190



18

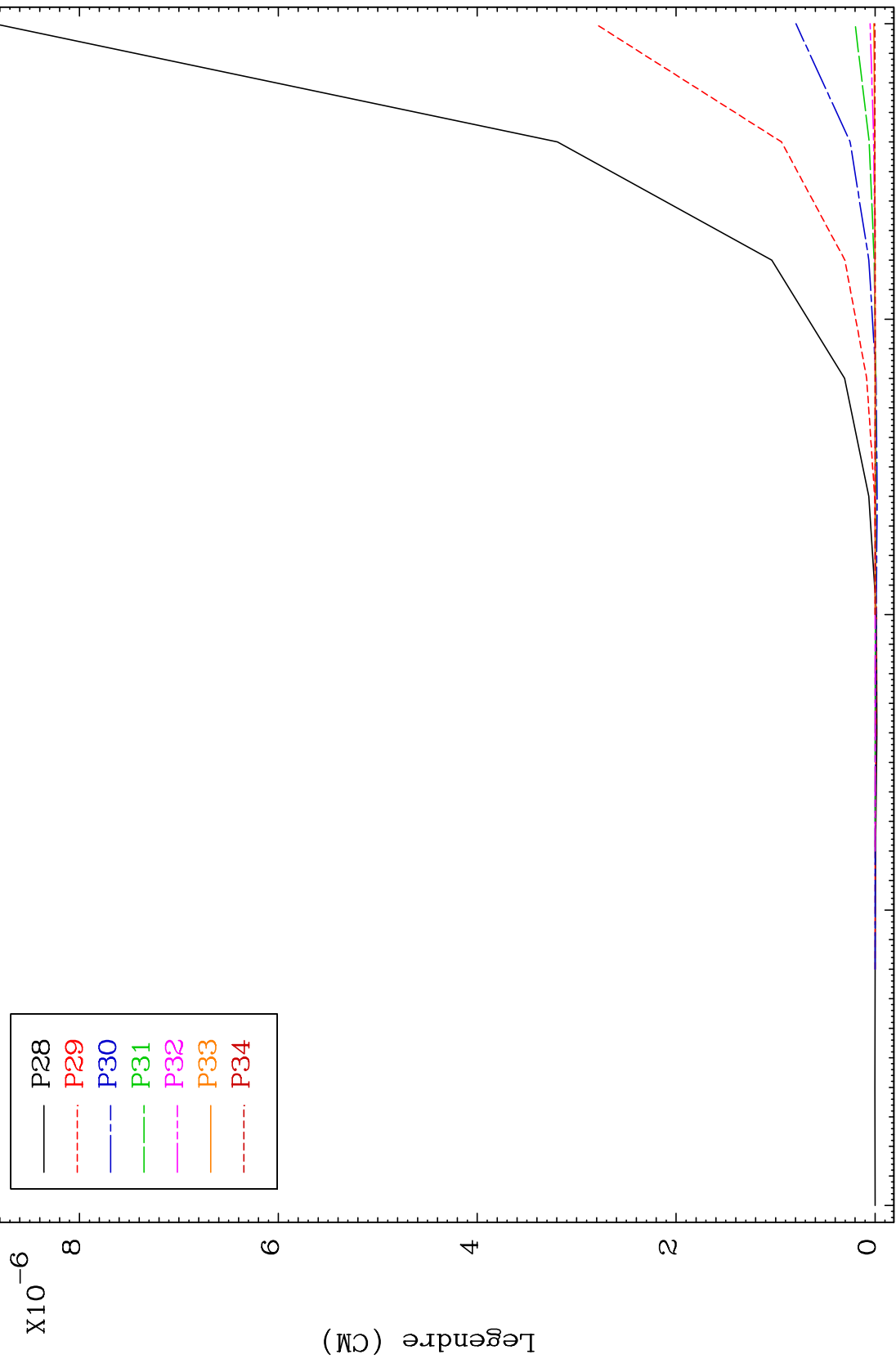
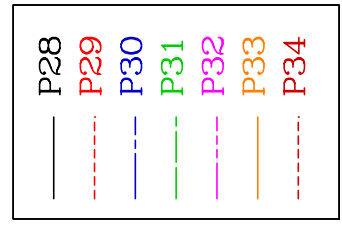
Incident Energy (MeV)

74-W -190

MAT 7455

Elastic Legendre Coefficients

74-W -190



19

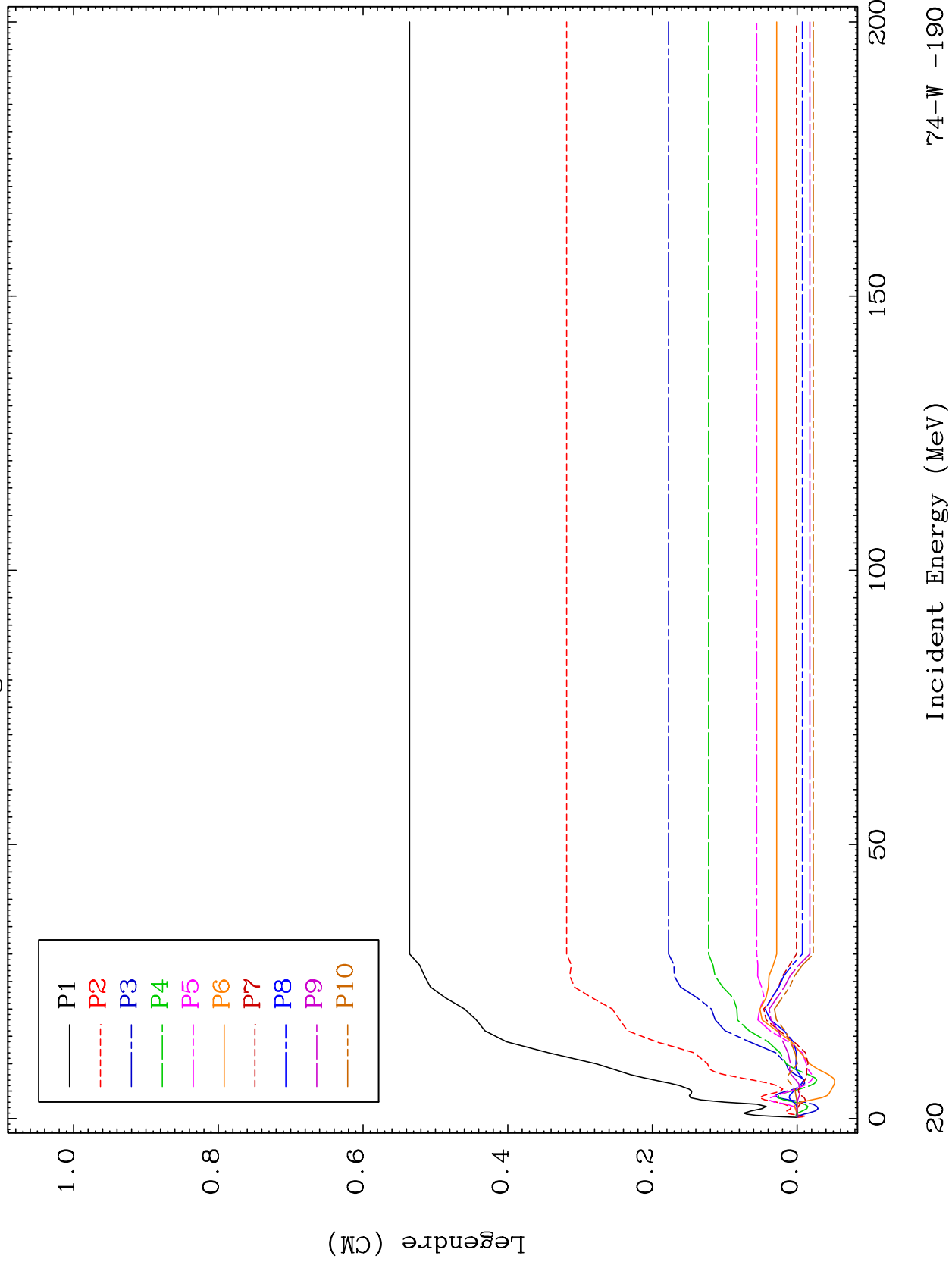
Incident Energy (MeV)

74-W -190

MAT 7455

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

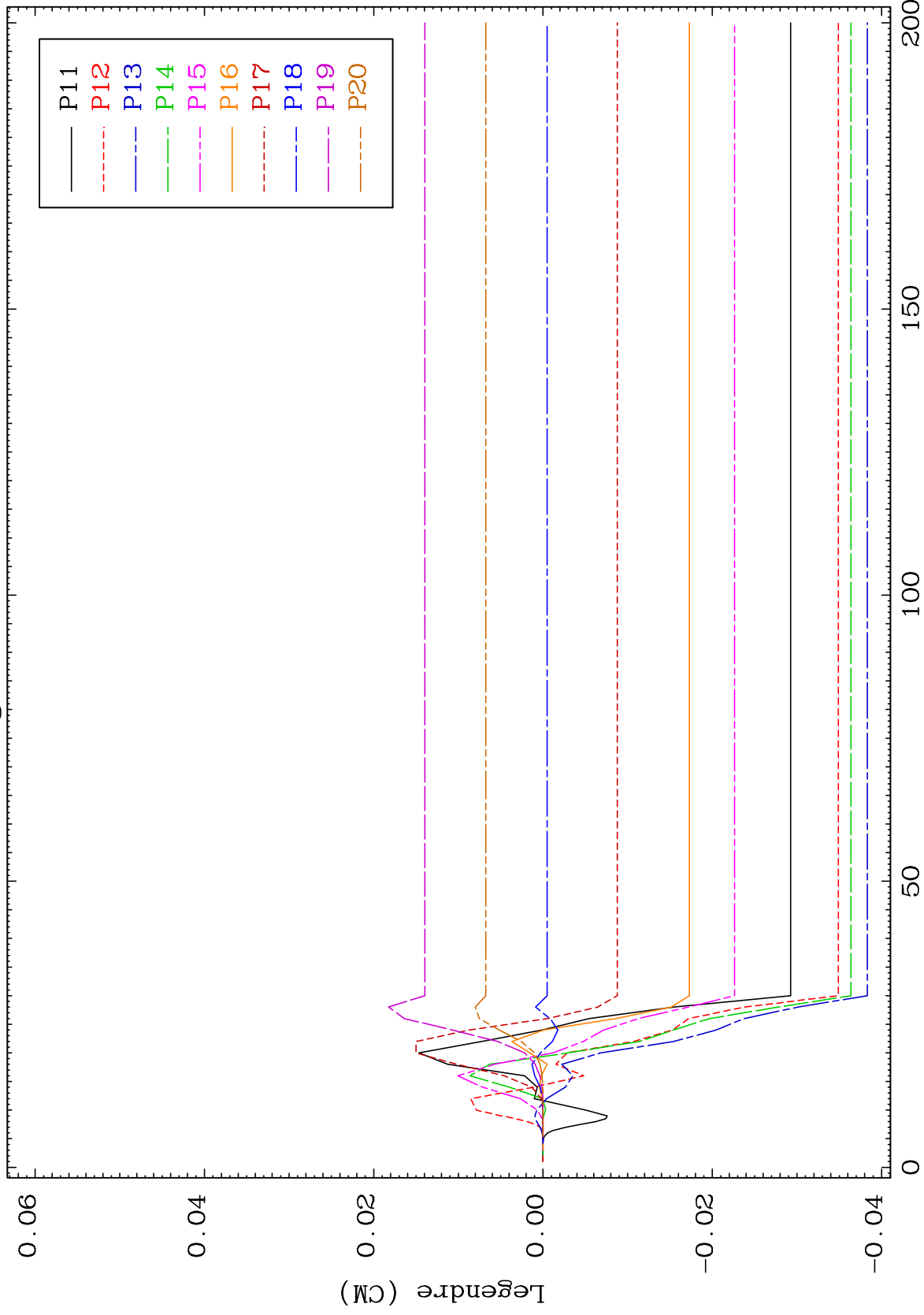
74-W -190



MAT 7455

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

74-W -190



21

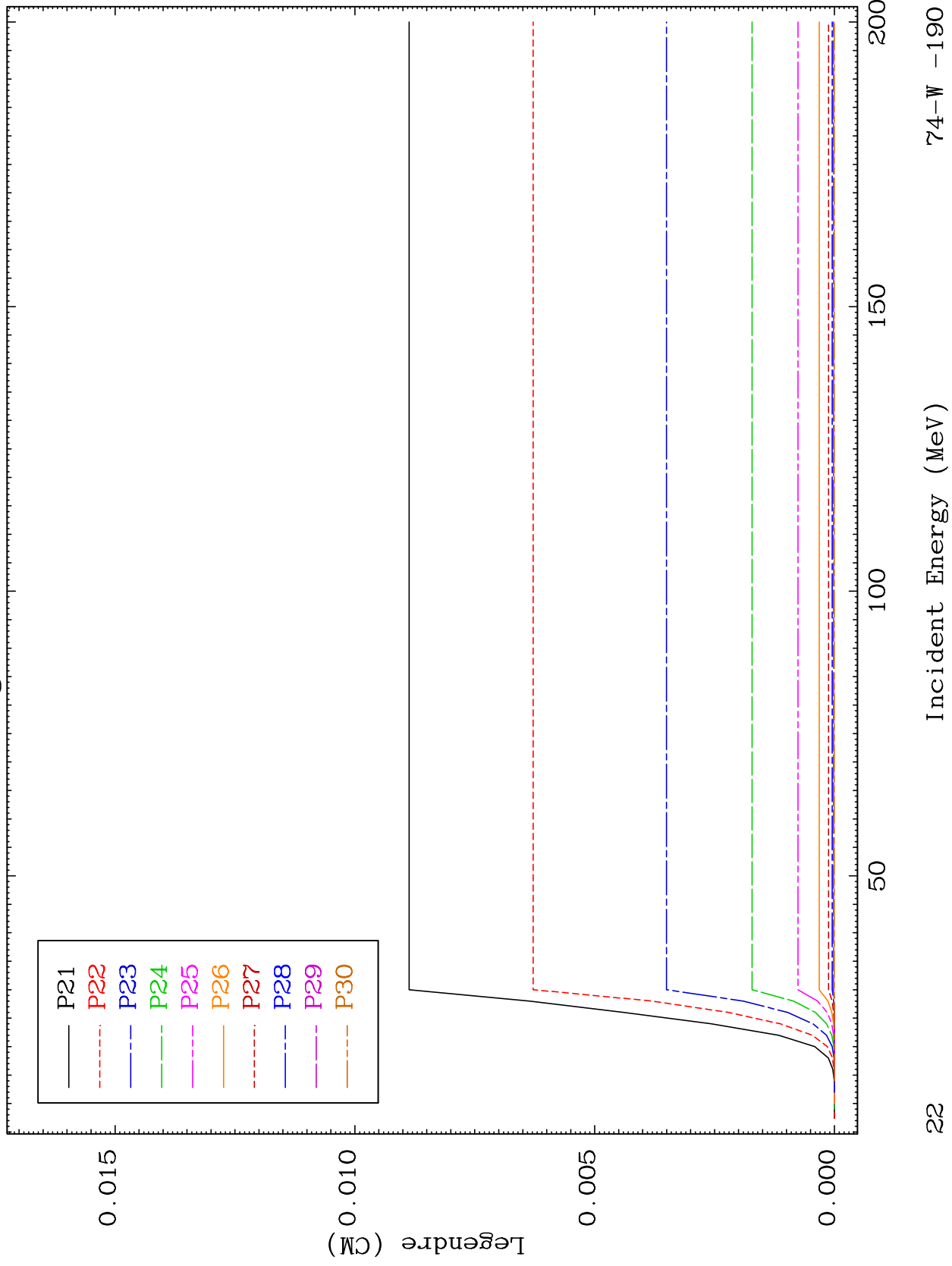
Incident Energy (MeV)

74-W -190

MAT 7455

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

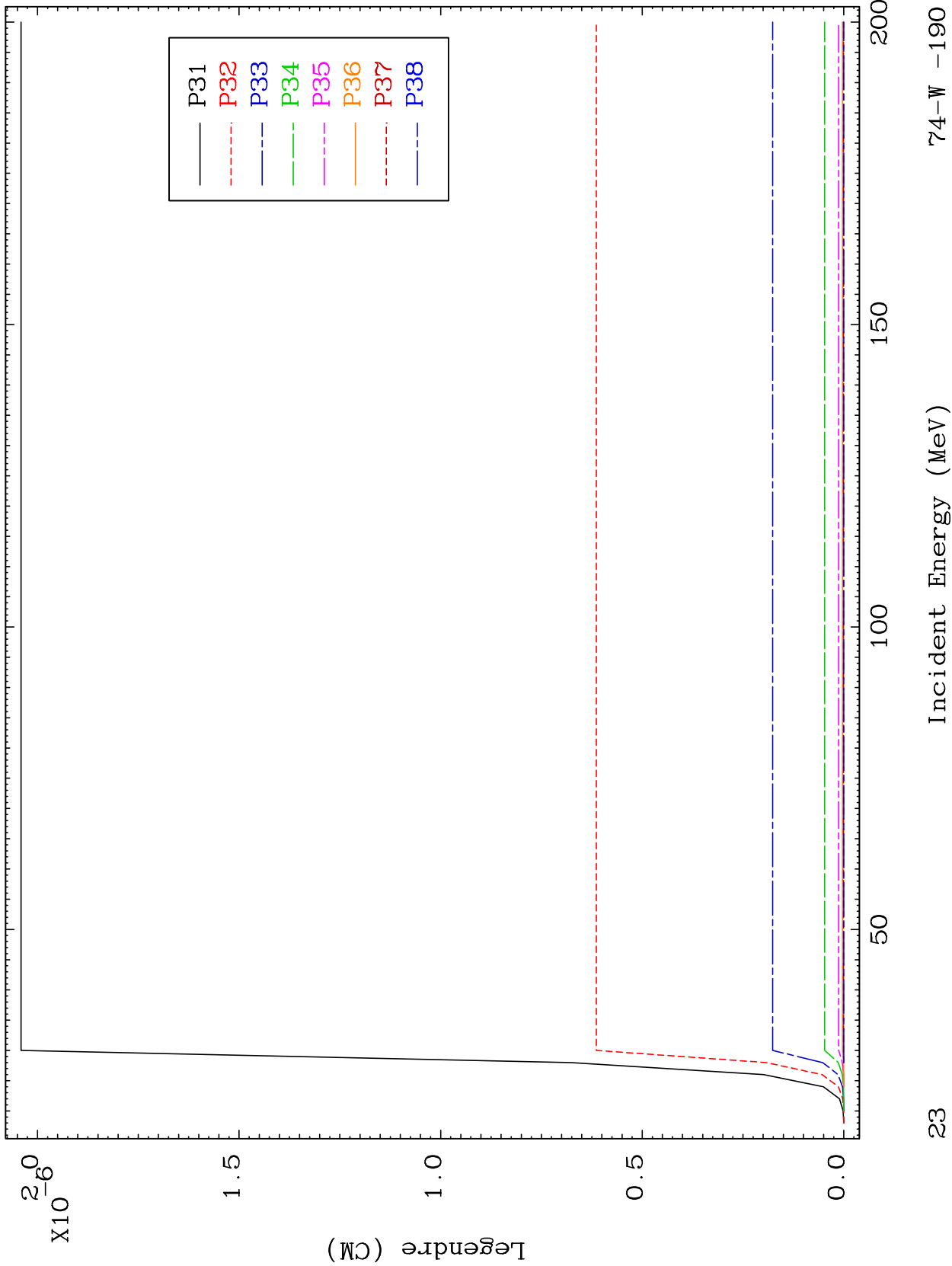
74-W -190



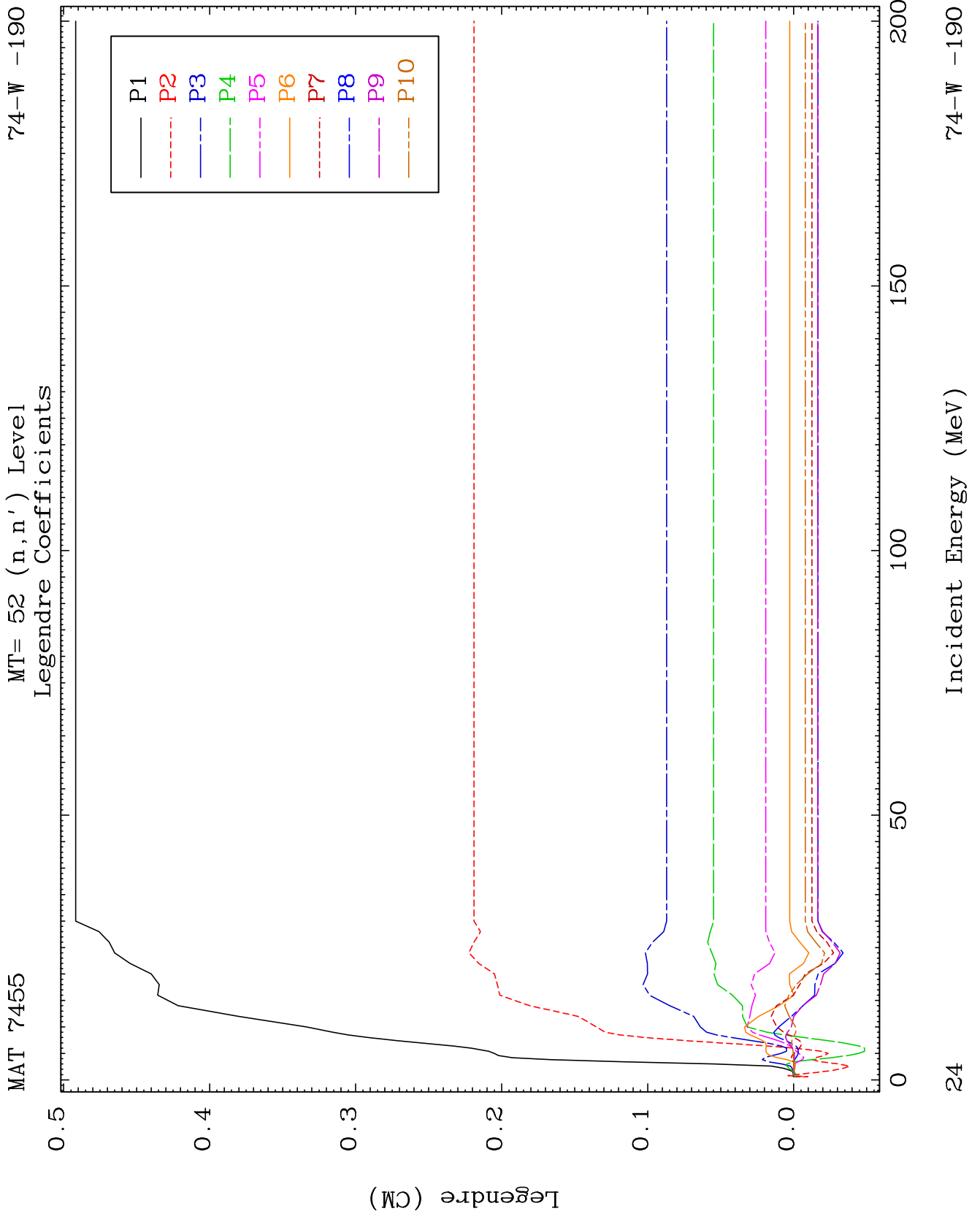
22

Incident Energy (MeV)

74-W -190



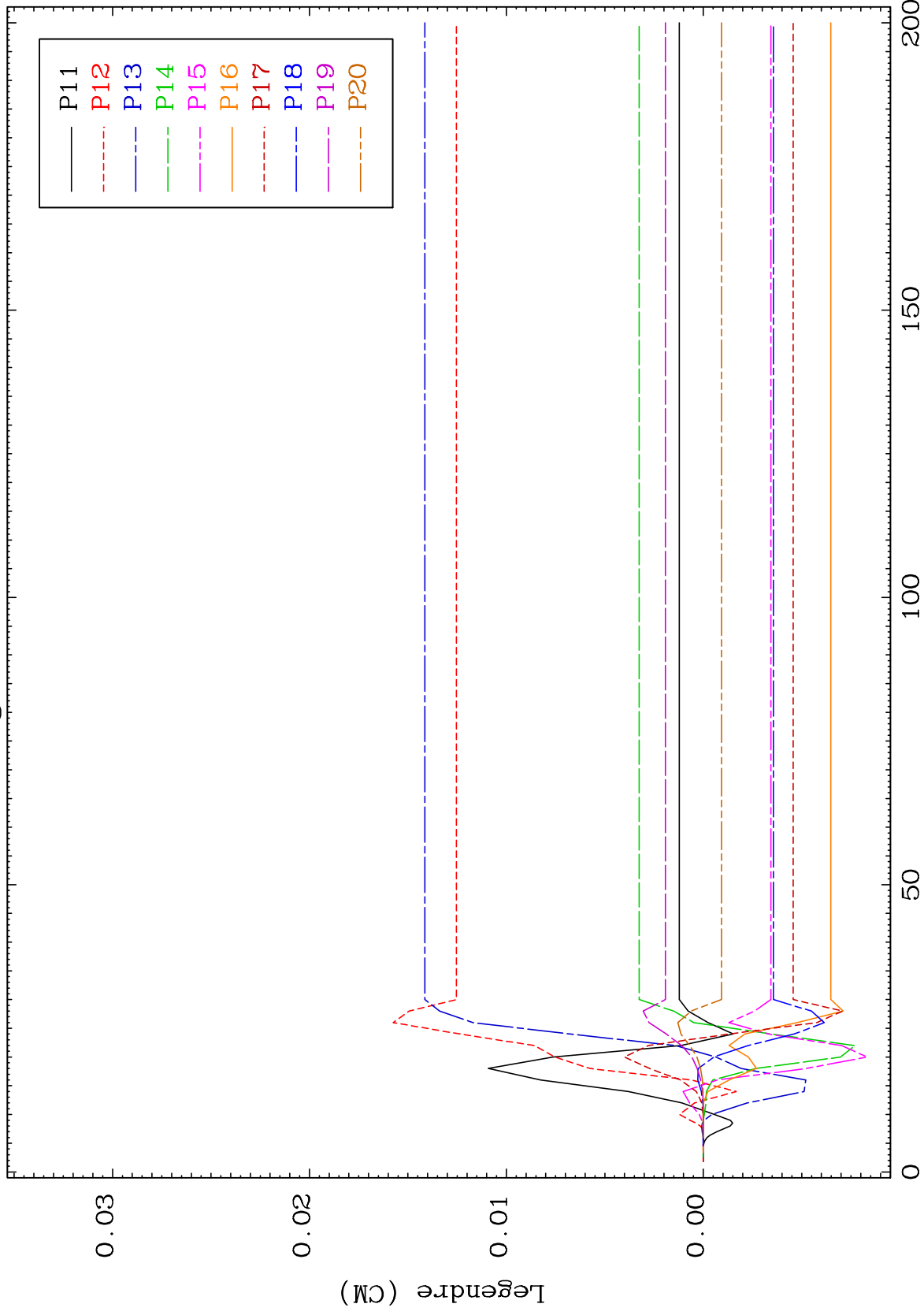




MAT 7455

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

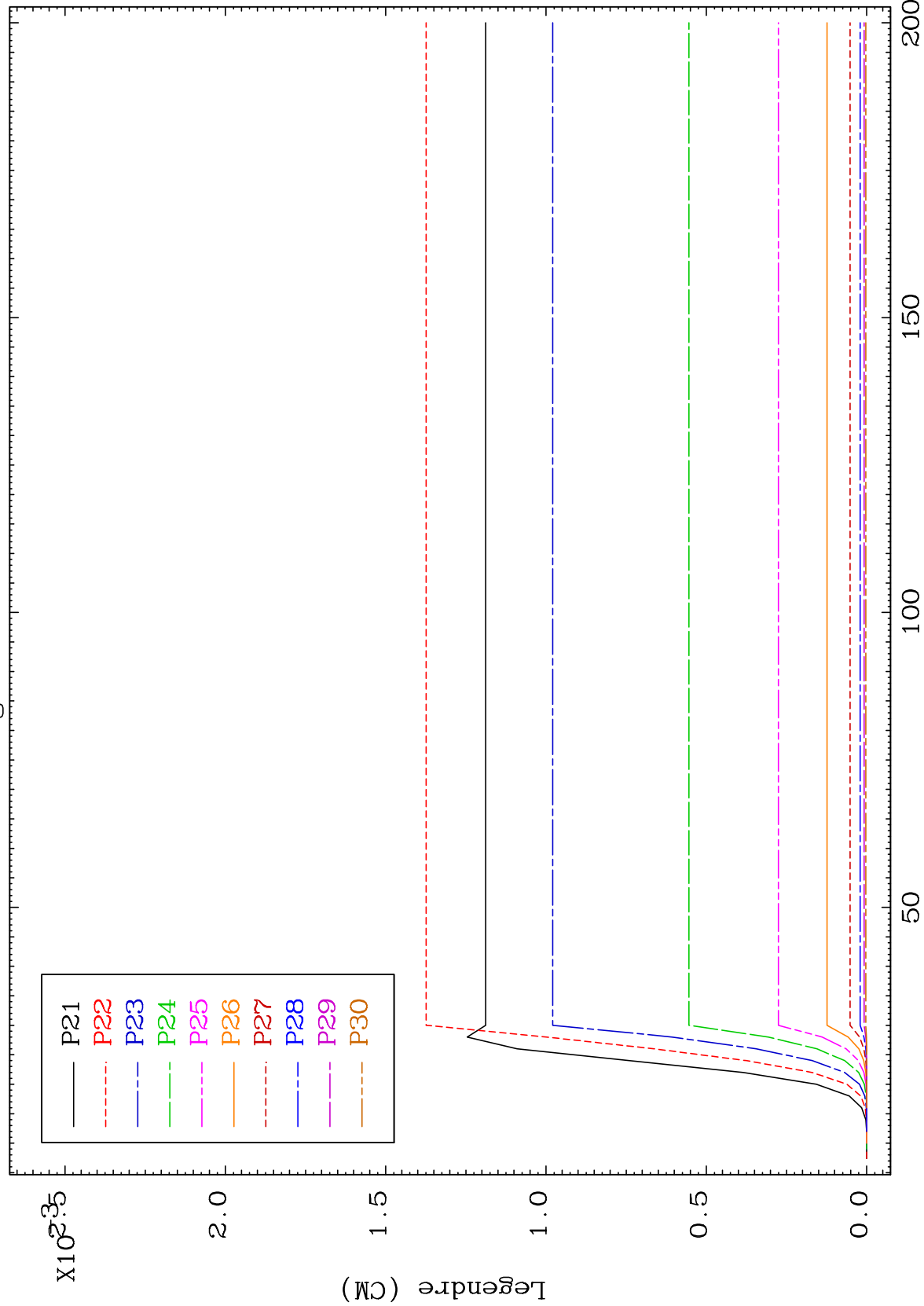
74-W -190

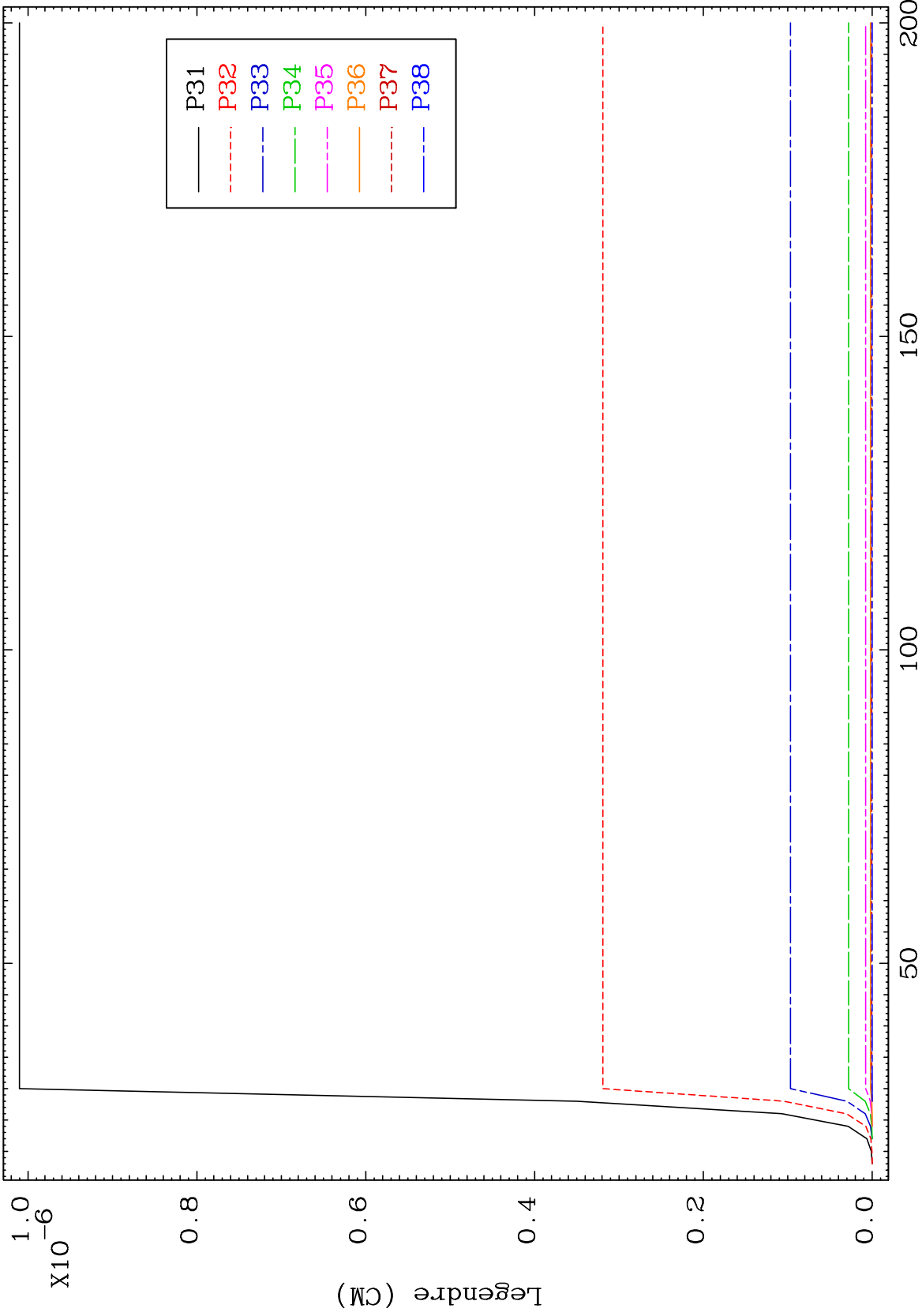


Incident Energy (MeV)

74-W -190

25

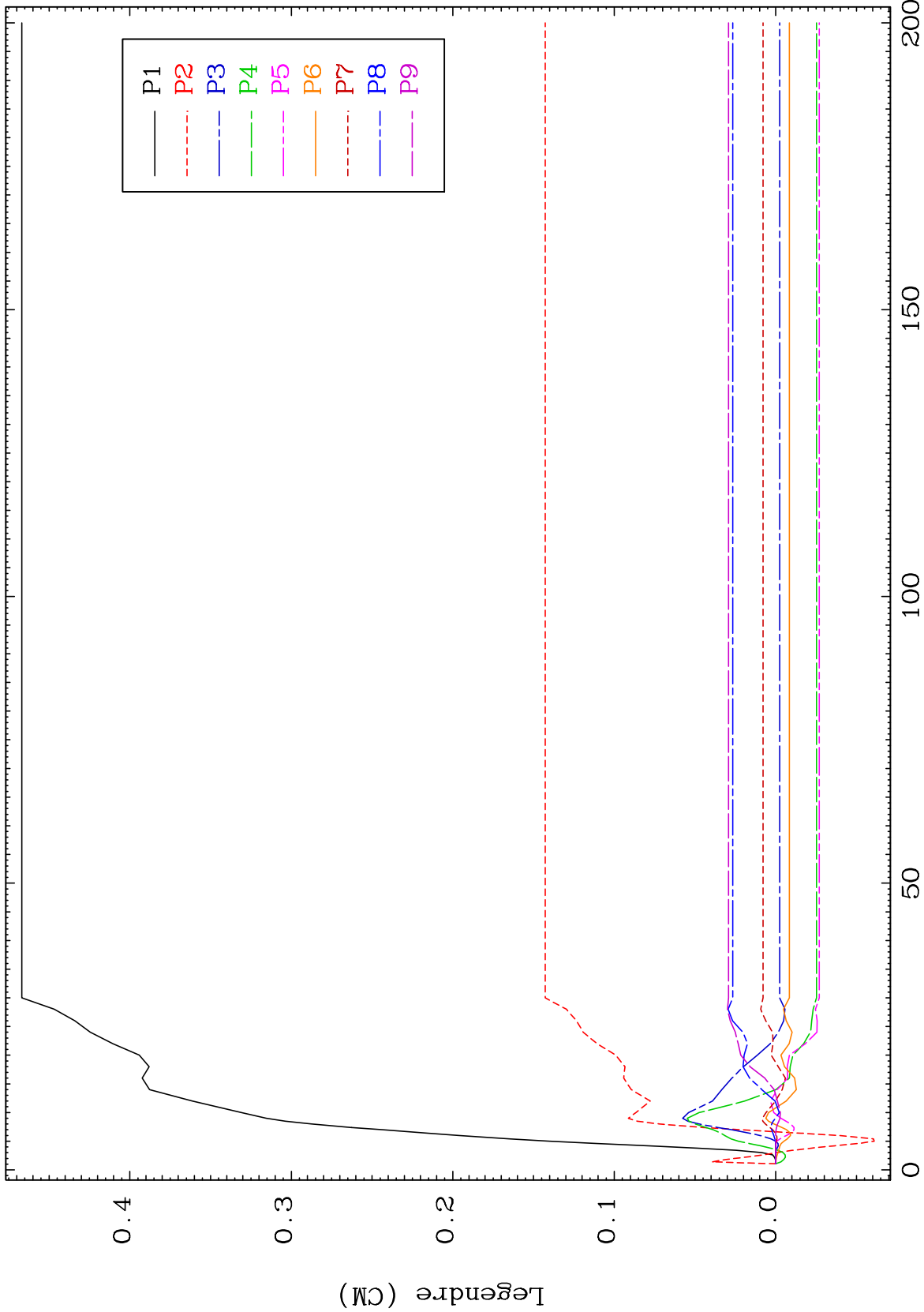




MAT 7455

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

74-W -190



28

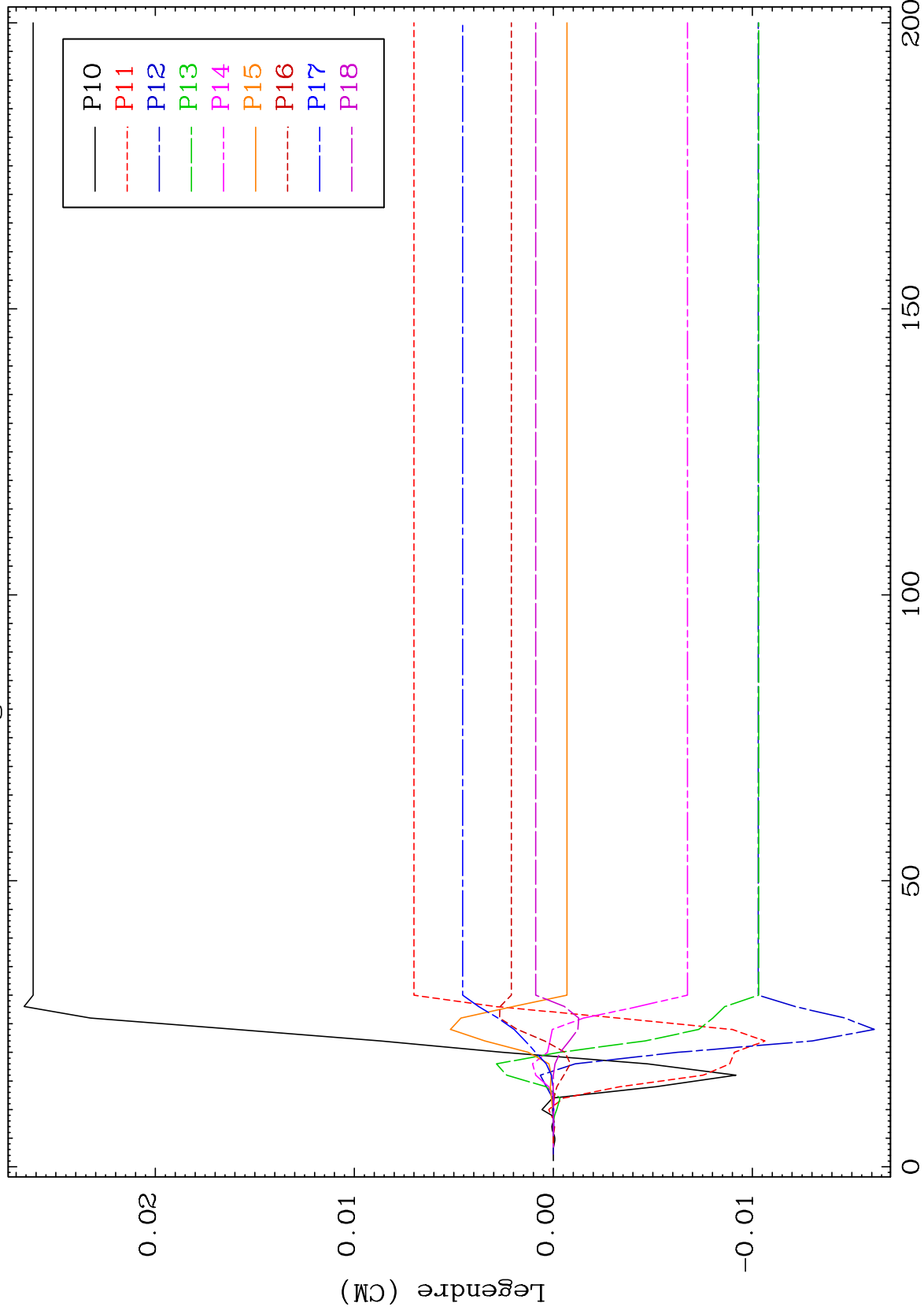
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



29

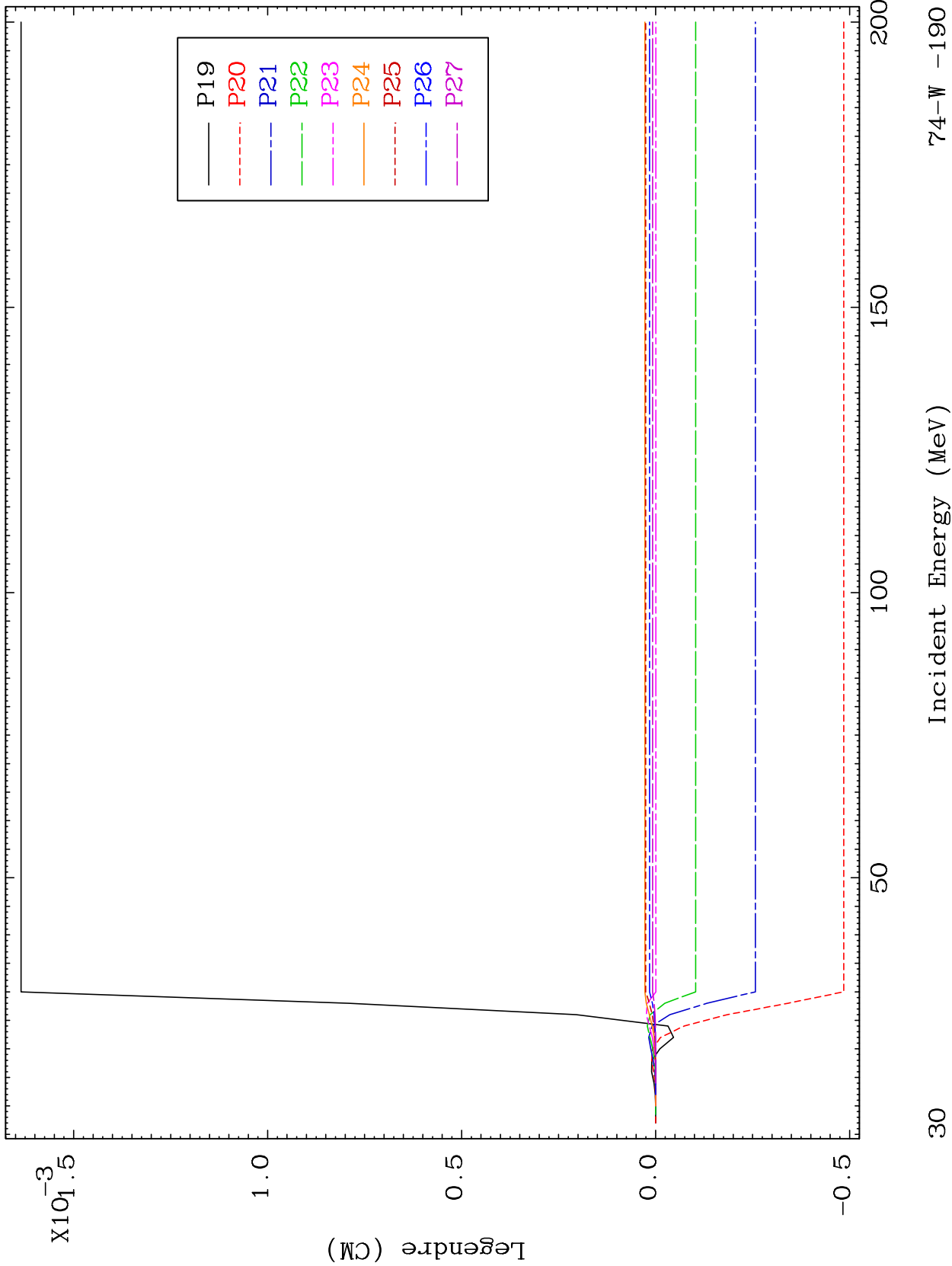
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



30

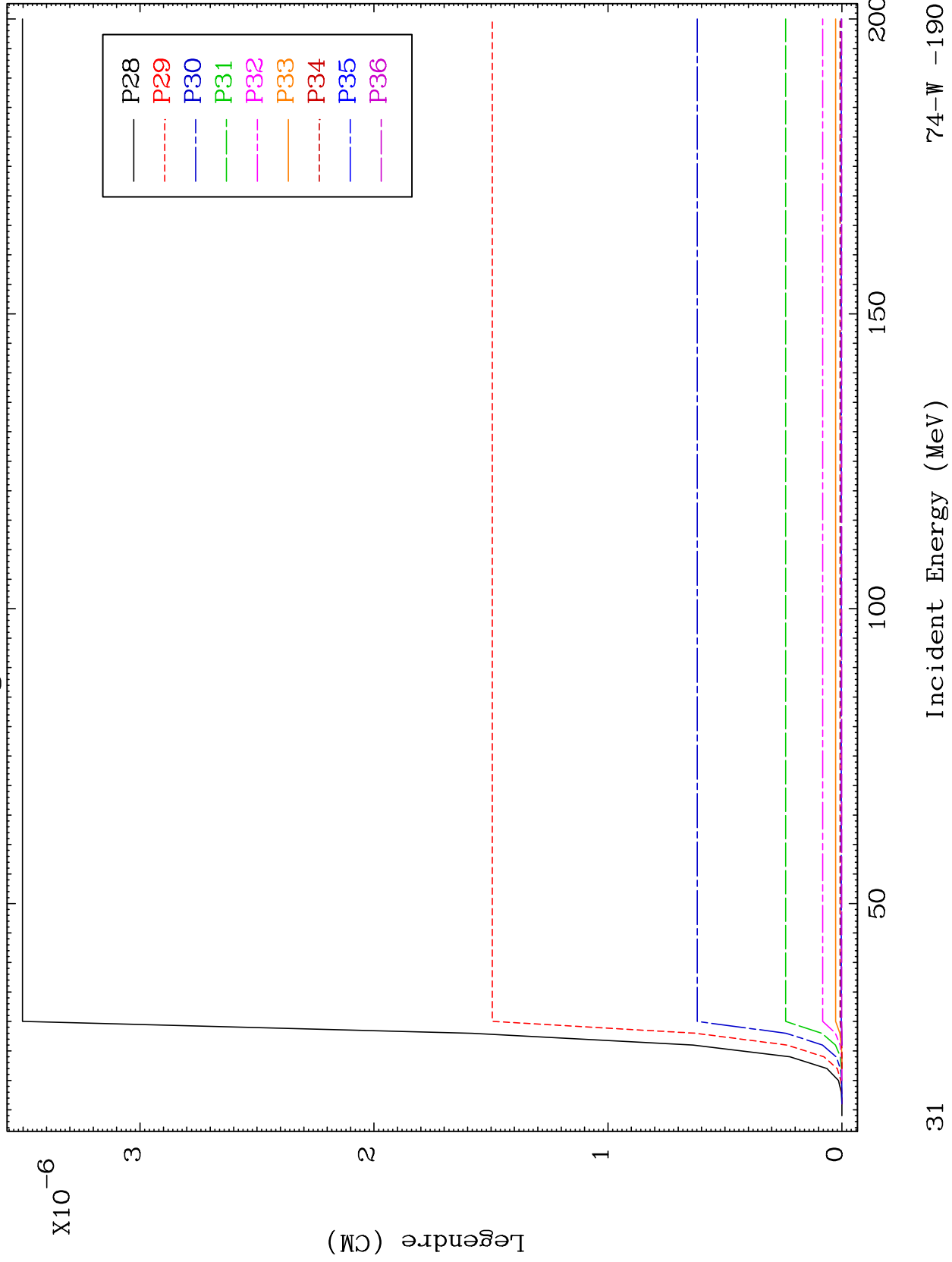
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190

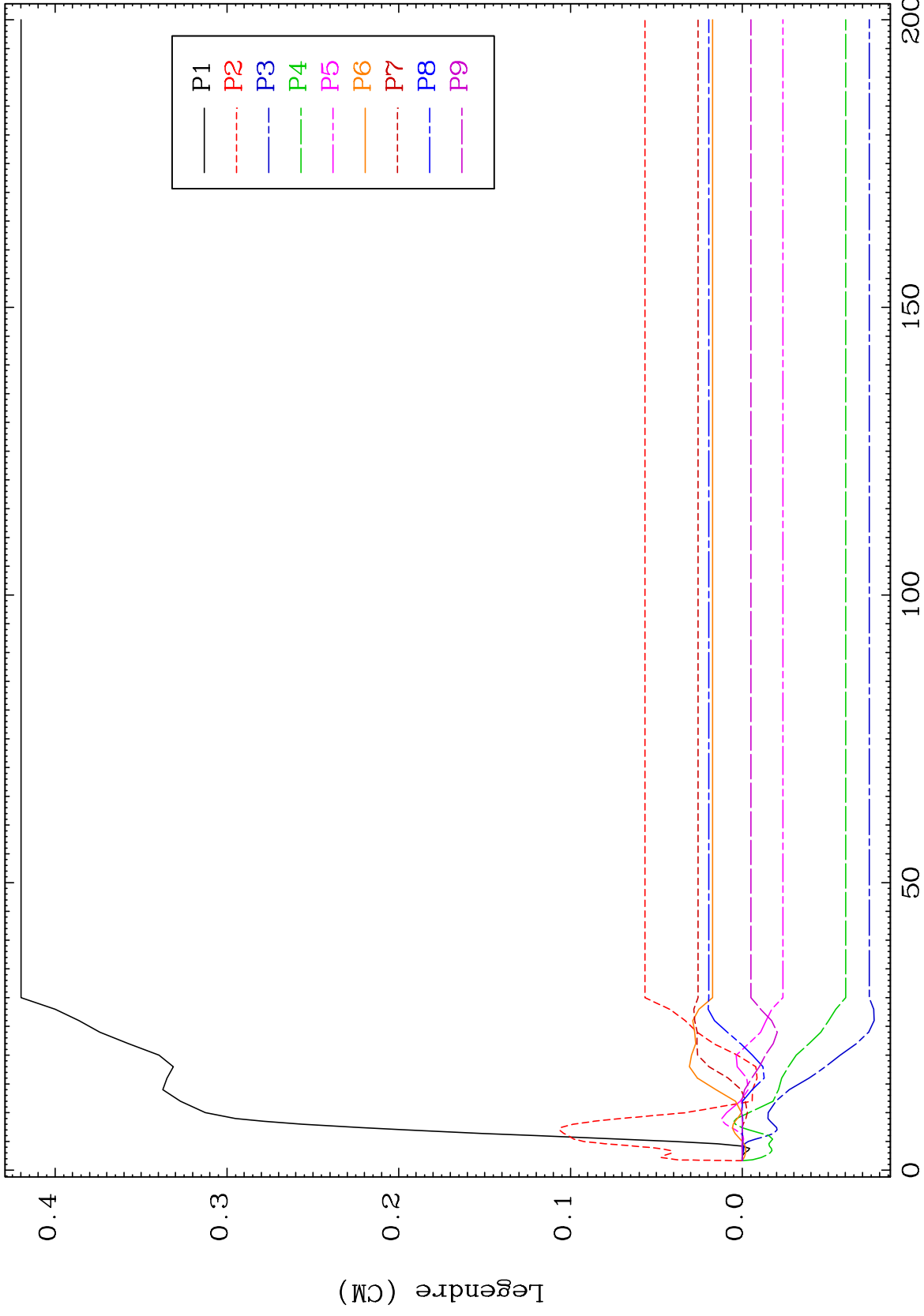




MAT 7455

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

74-W -190



32

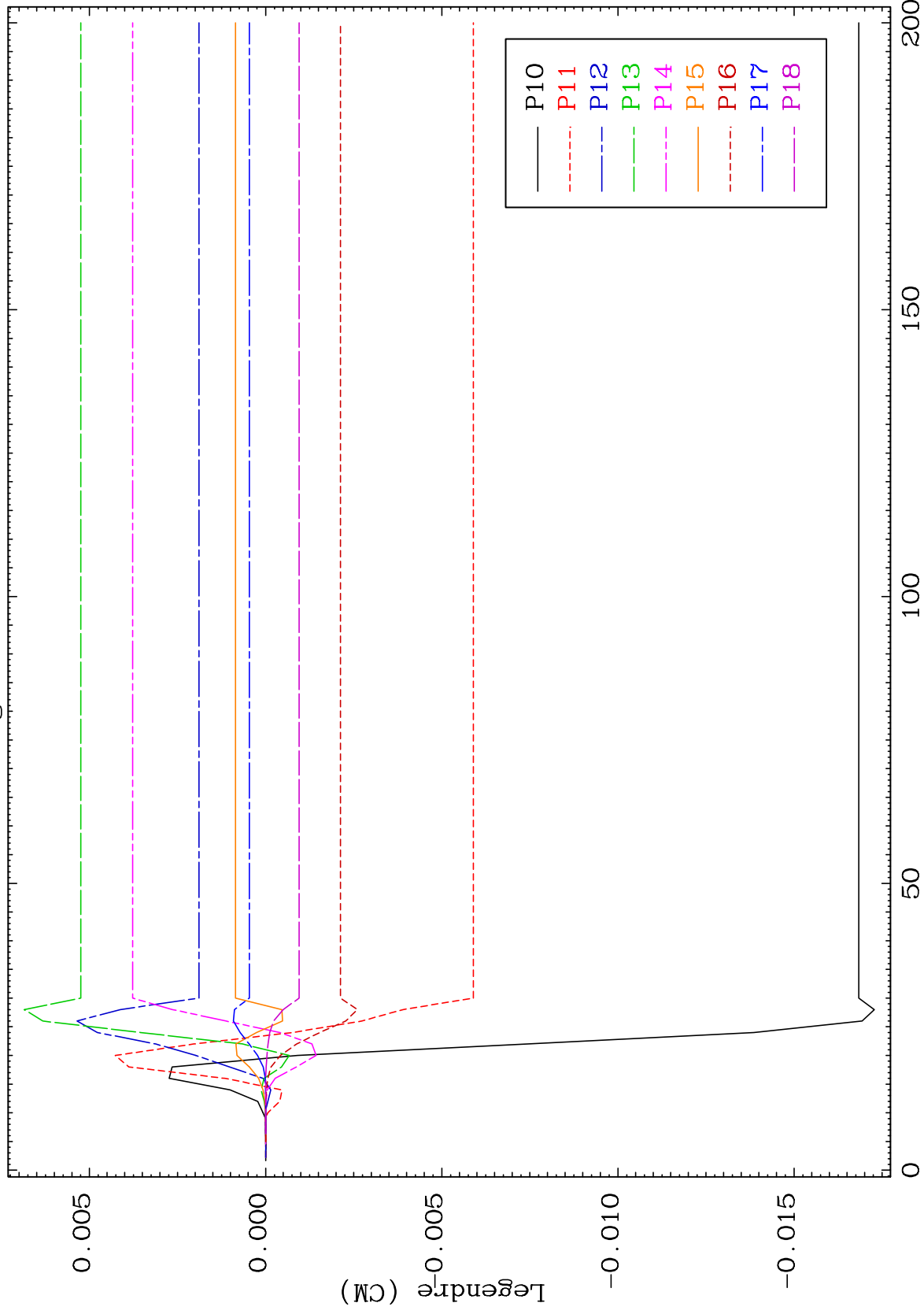
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



33

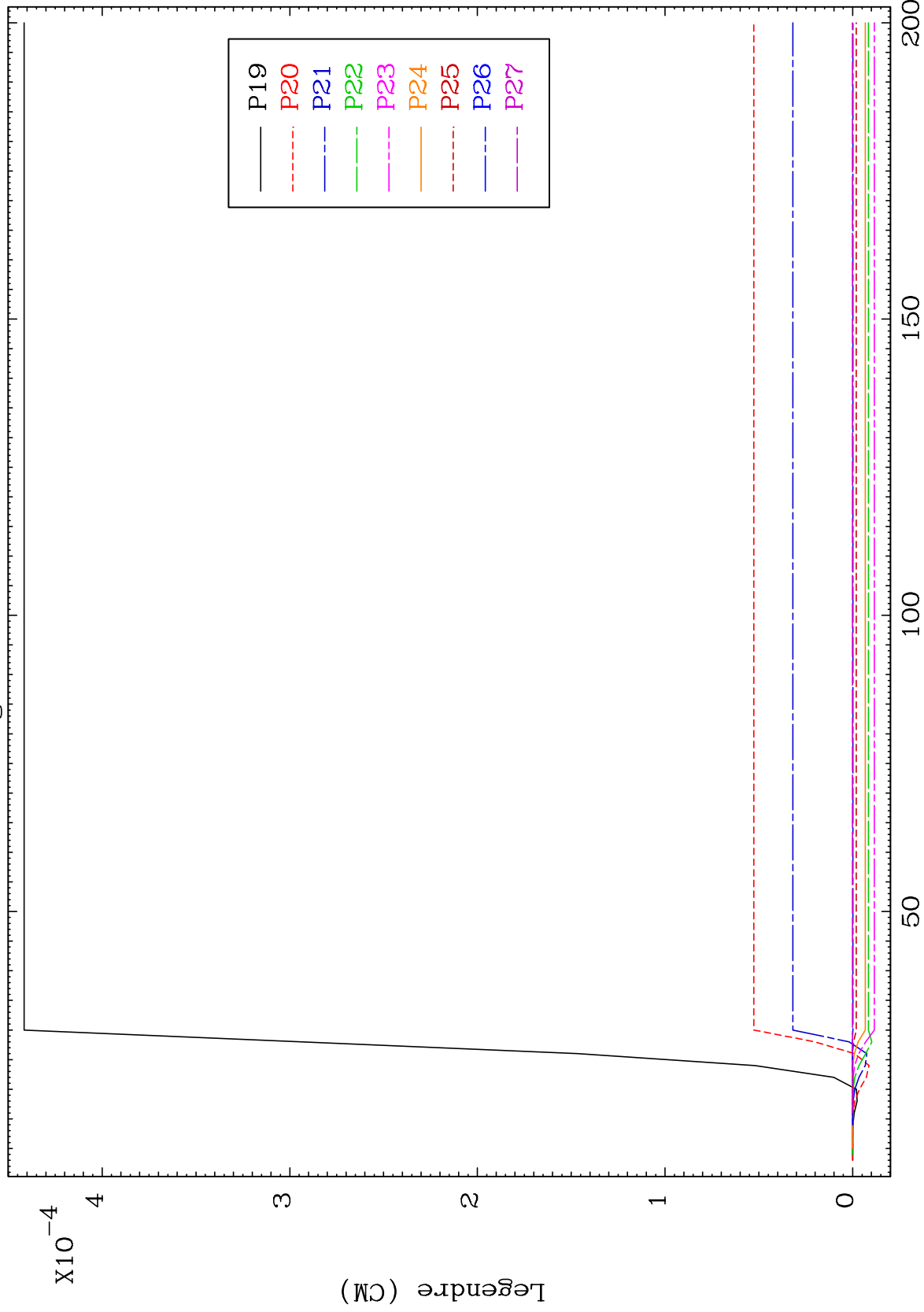
Incident Energy (MeV)

74-W -190

MAT 7455

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

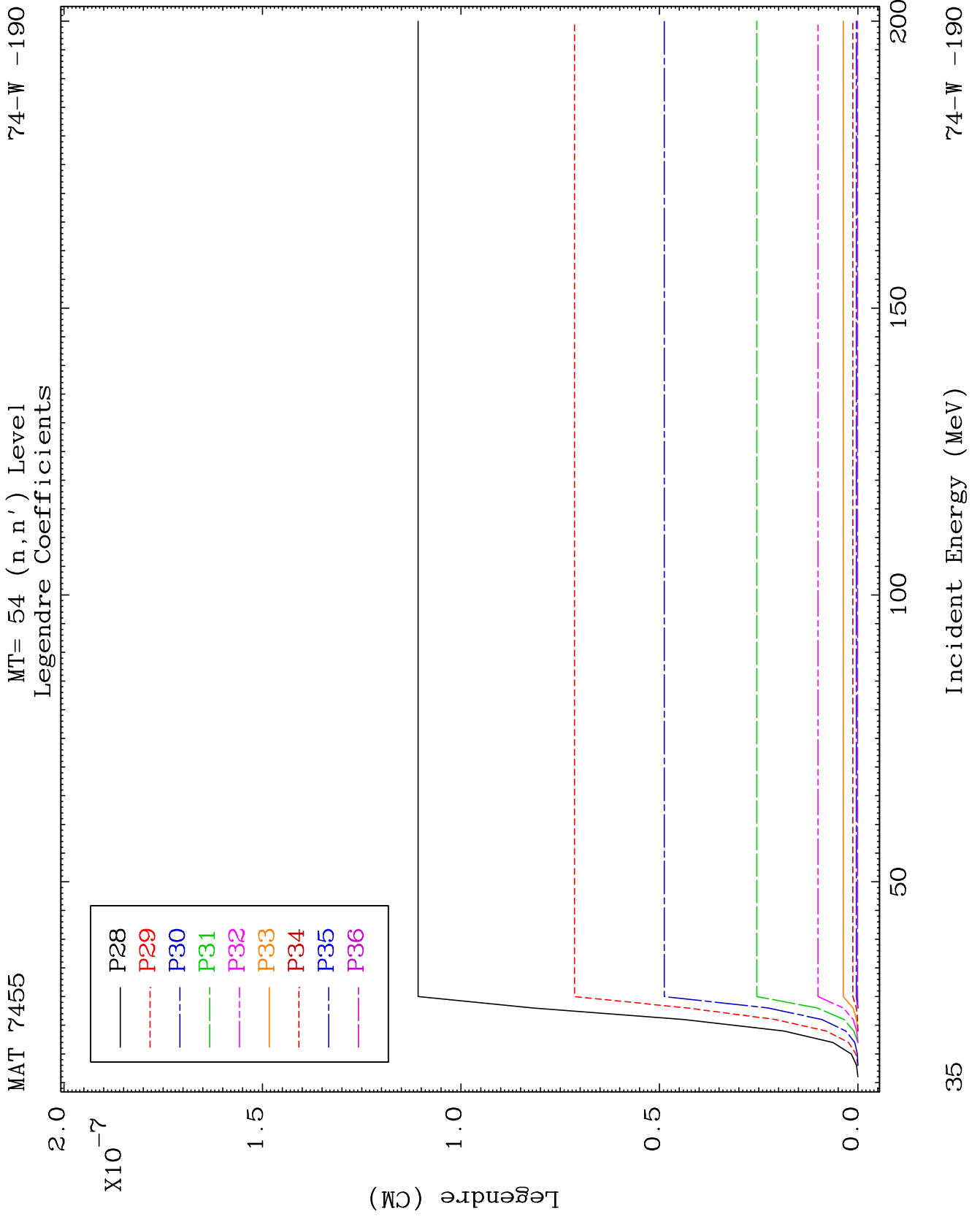
74-W -190



34

Incident Energy (MeV)

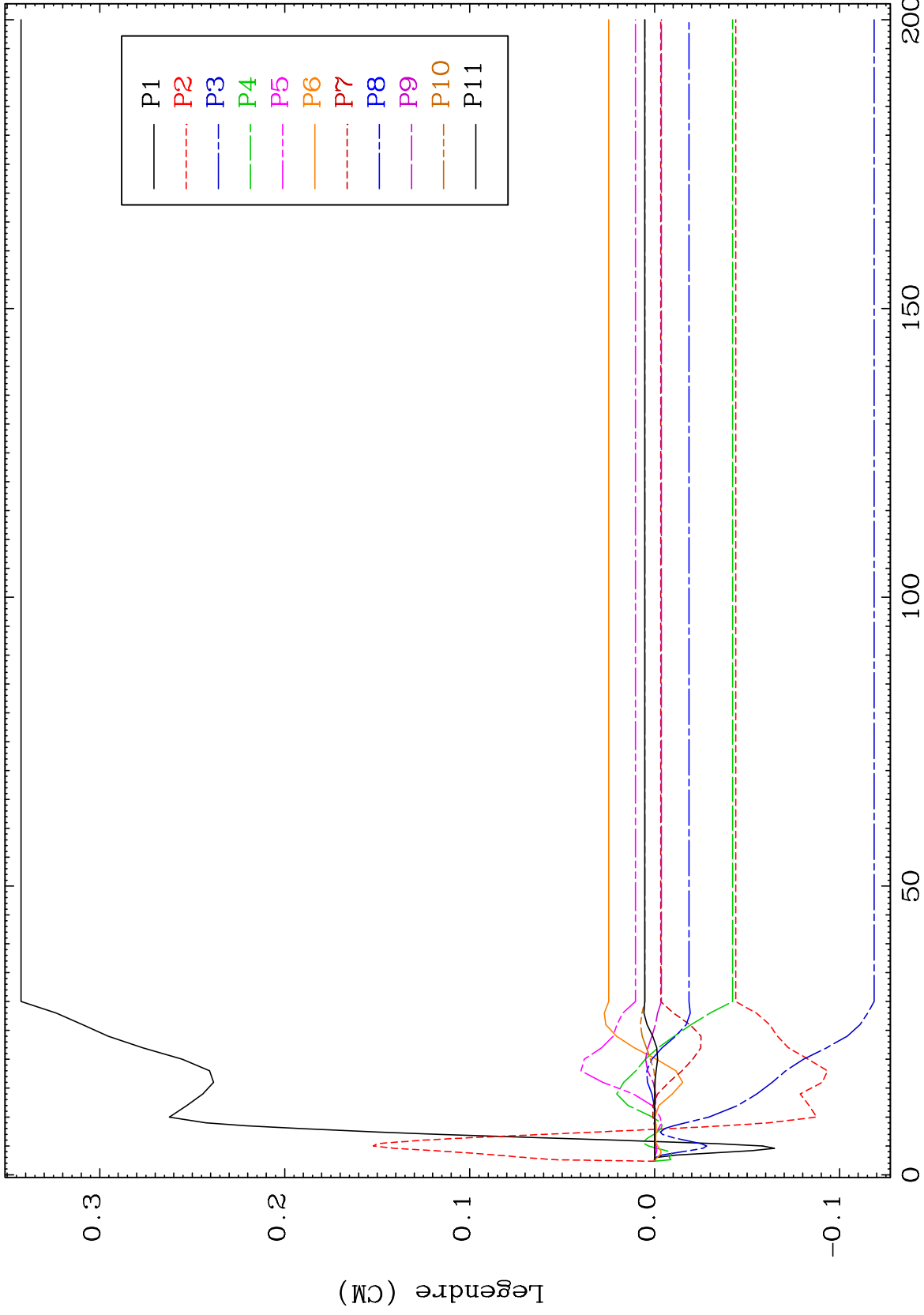
74-W -190



MAT 7455

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

74-W -190



36

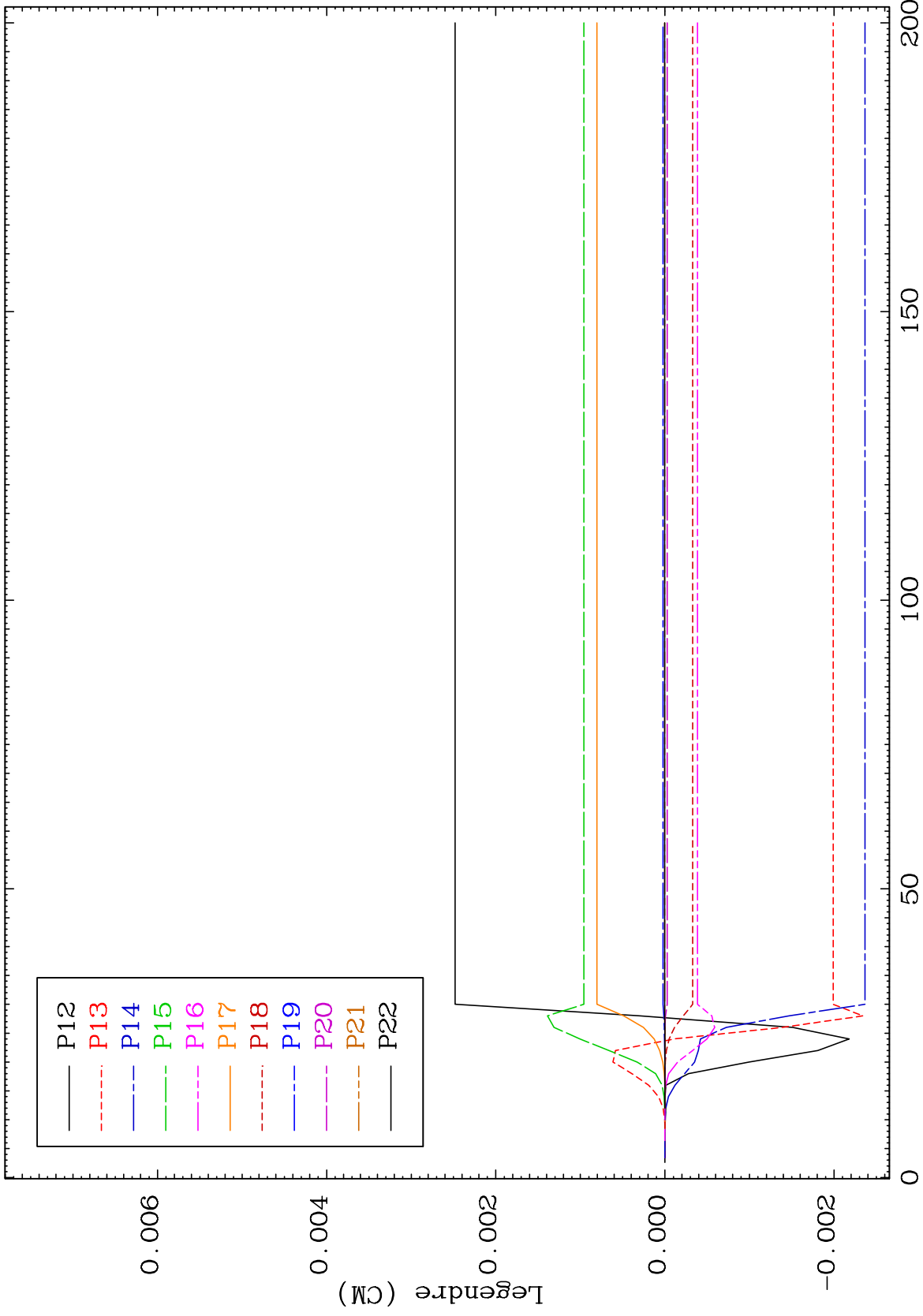
Incident Energy (MeV)

74-W -190

MAT 7455

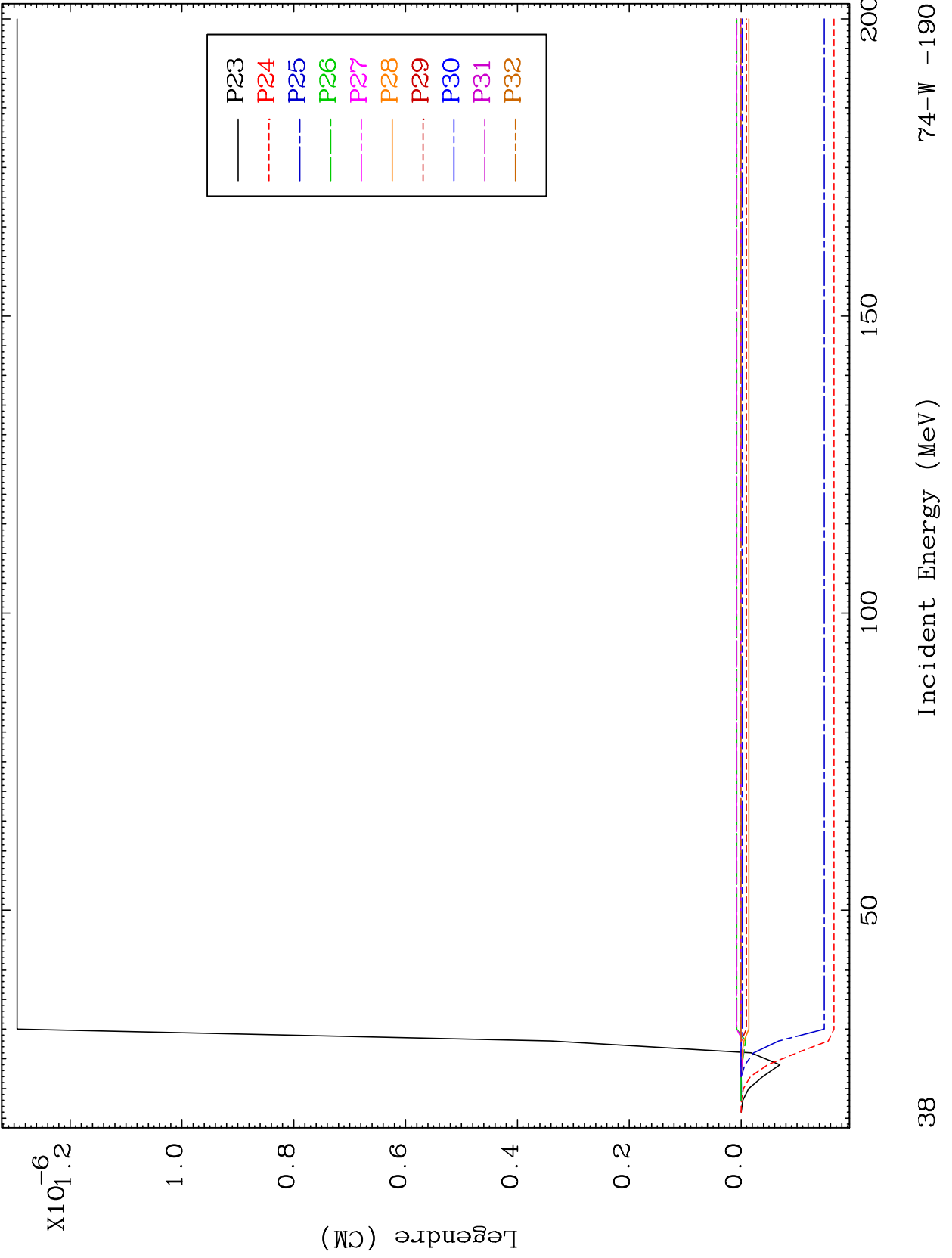
MT= 55 (n,n') Level  
Legendre Coefficients

74-W -190



37

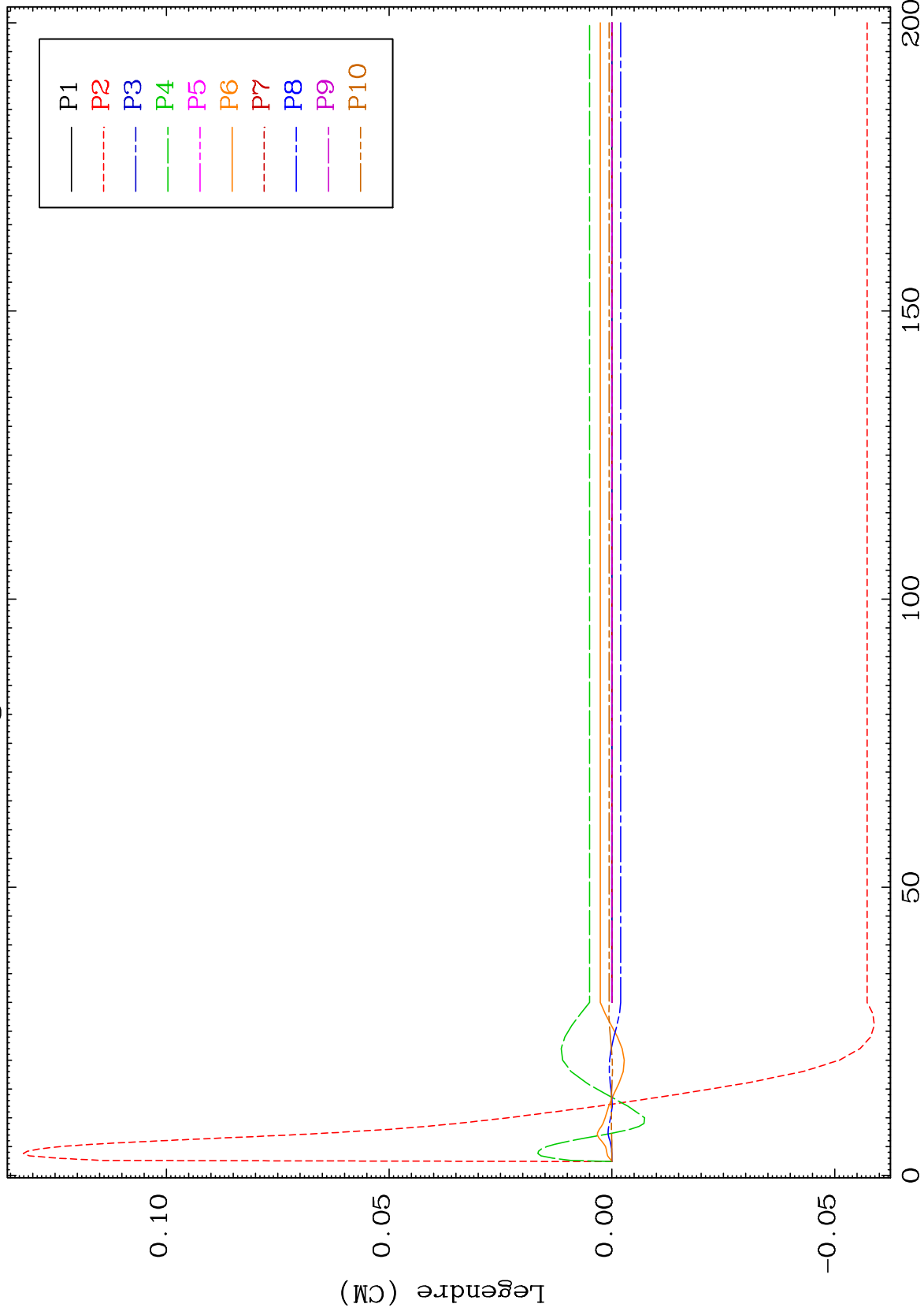
74-W -190



MAT 7455

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

74-W -190



39

Incident Energy (MeV)

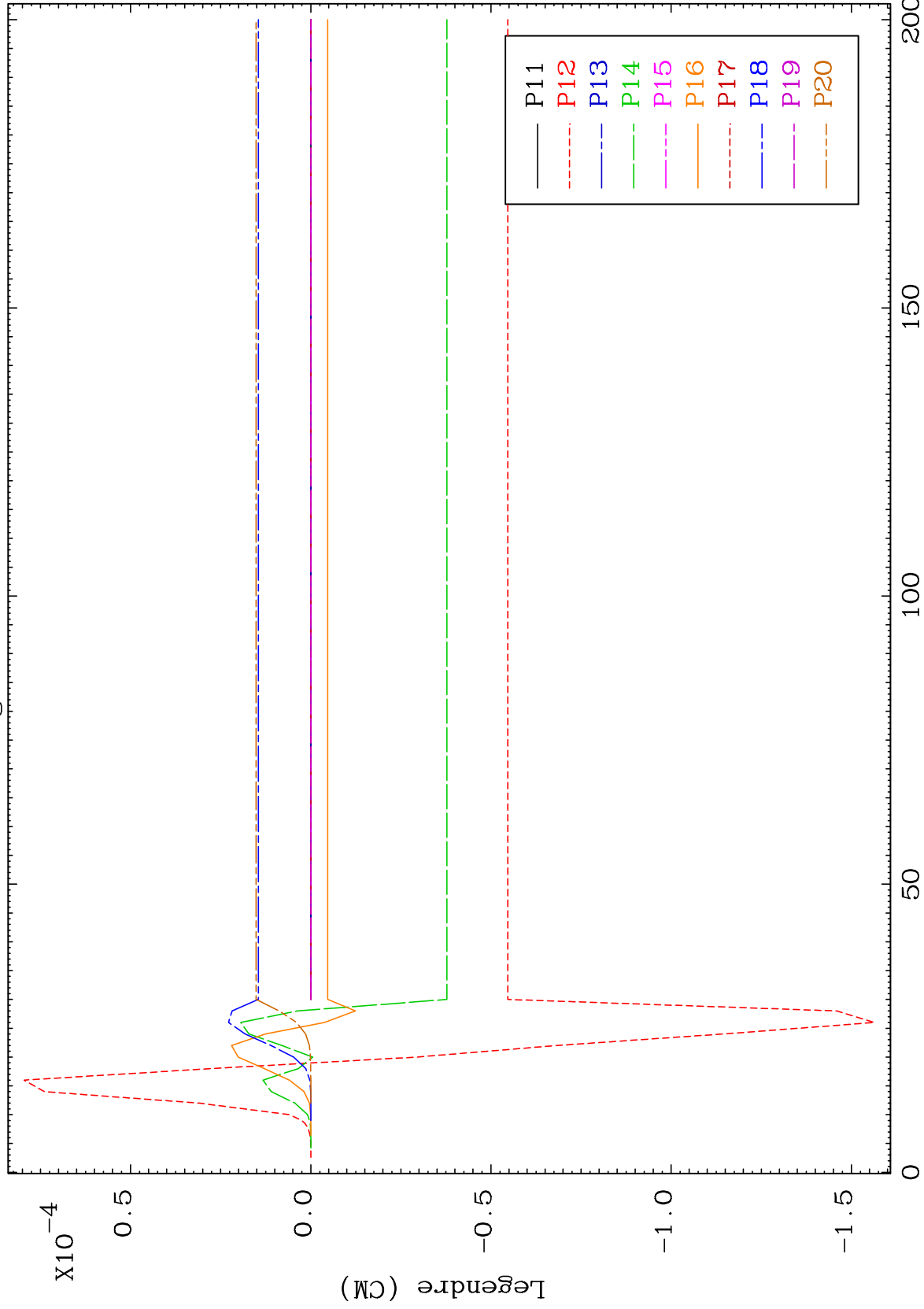
74-W -190



MAT 7455

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

74-W -190



40

Incident Energy (MeV)

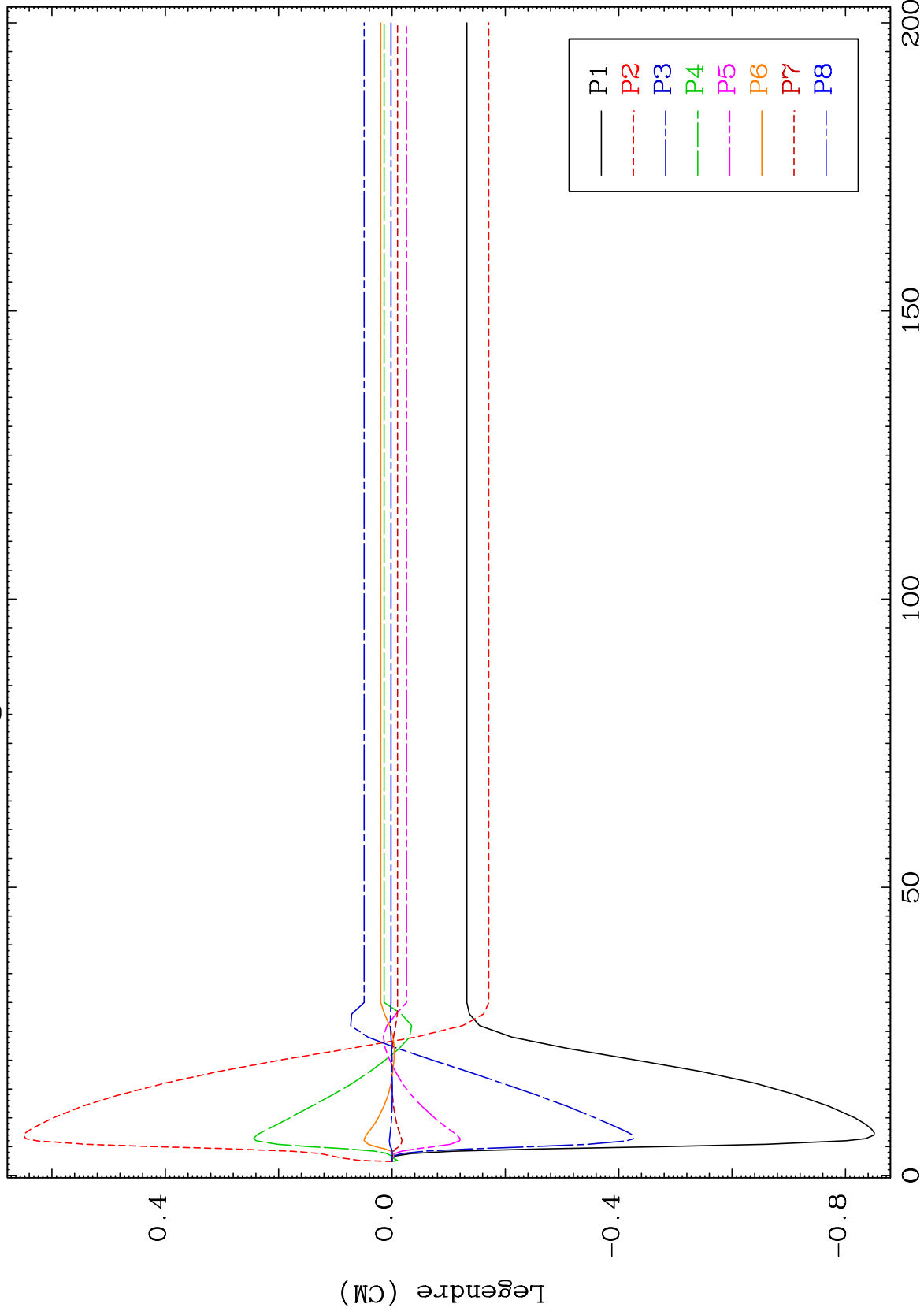
74-W -190



MAT 7455

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

74-W -190



42

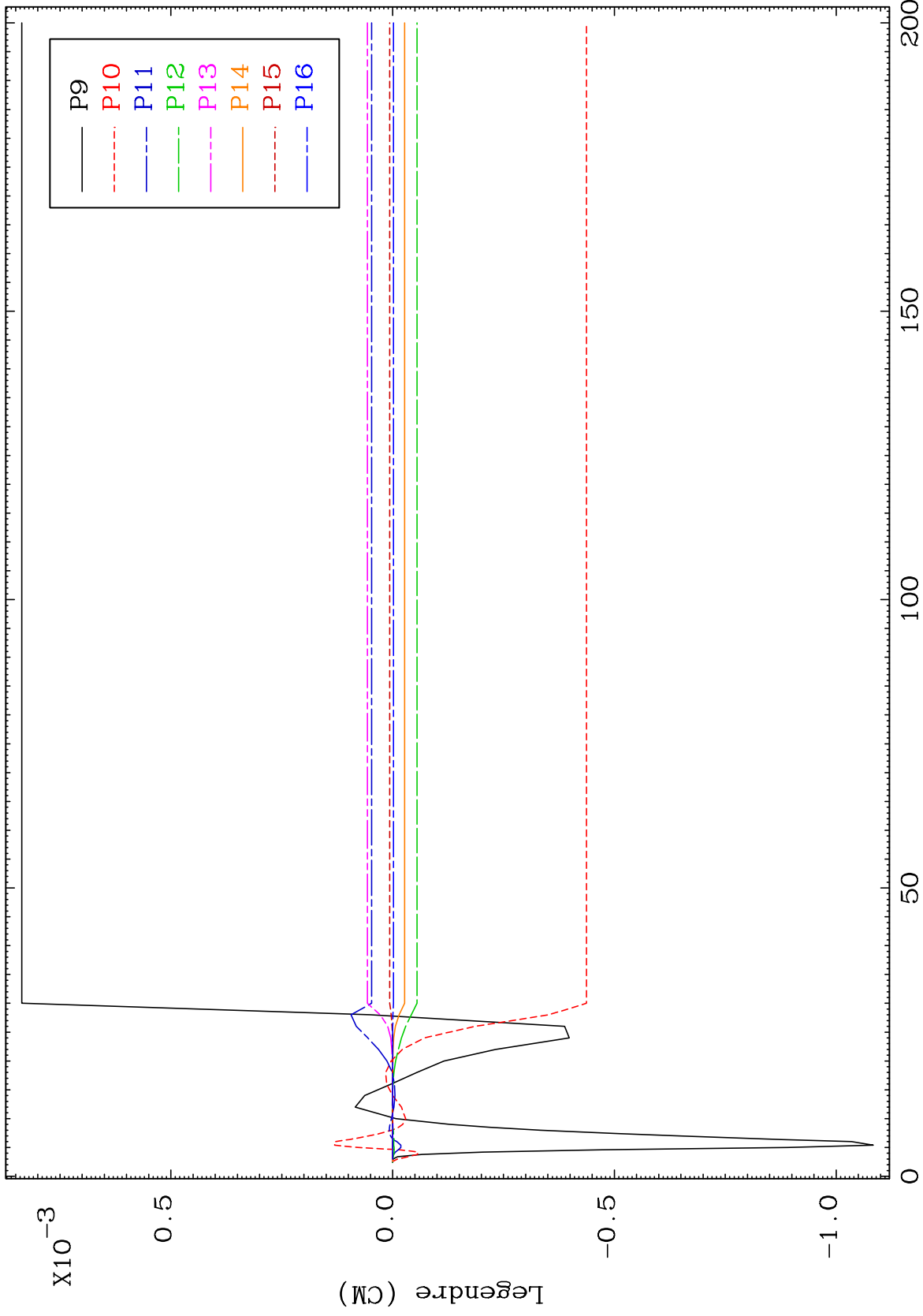
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



43

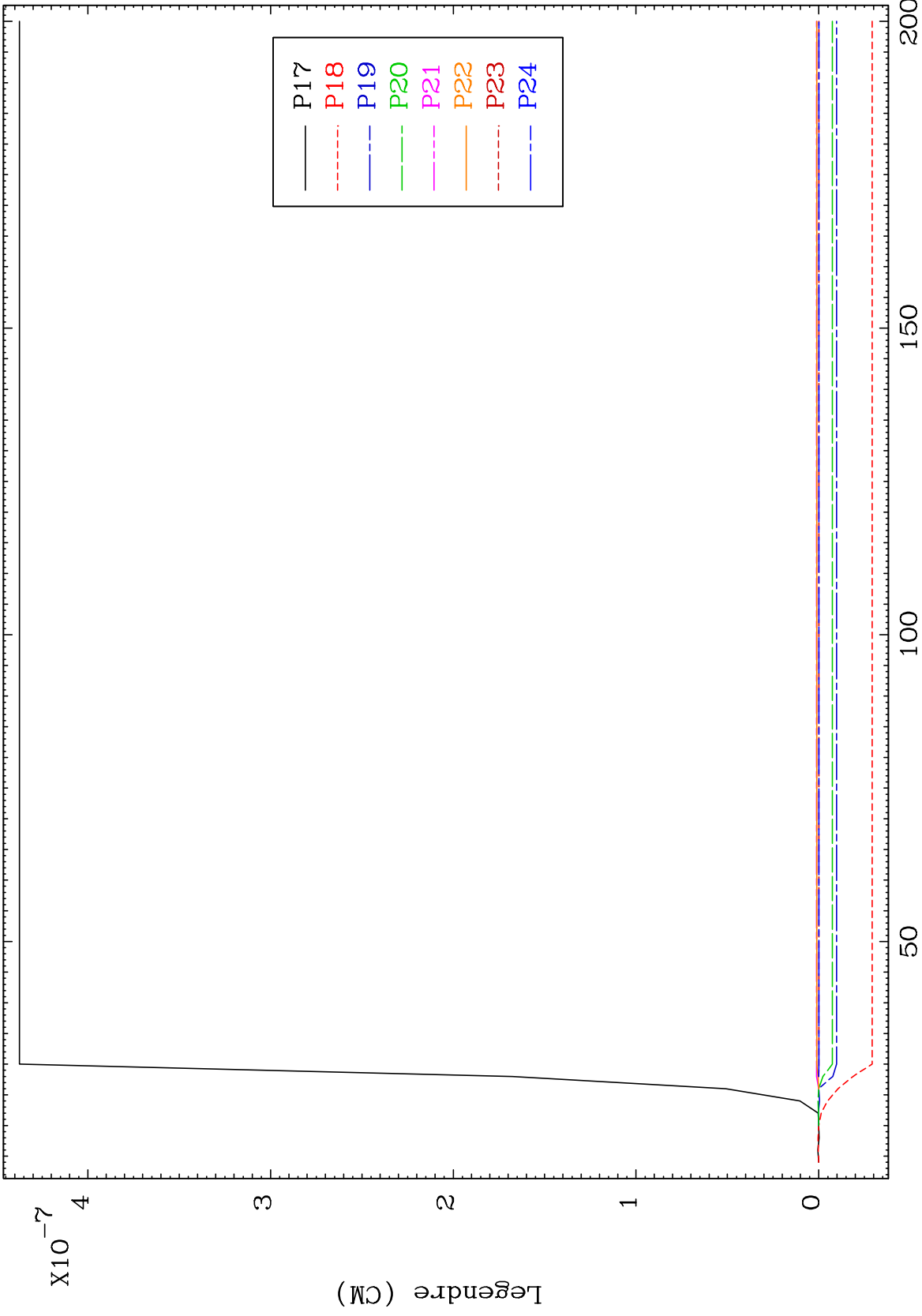
Incident Energy (MeV)

74-W -190

MAT 7455

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

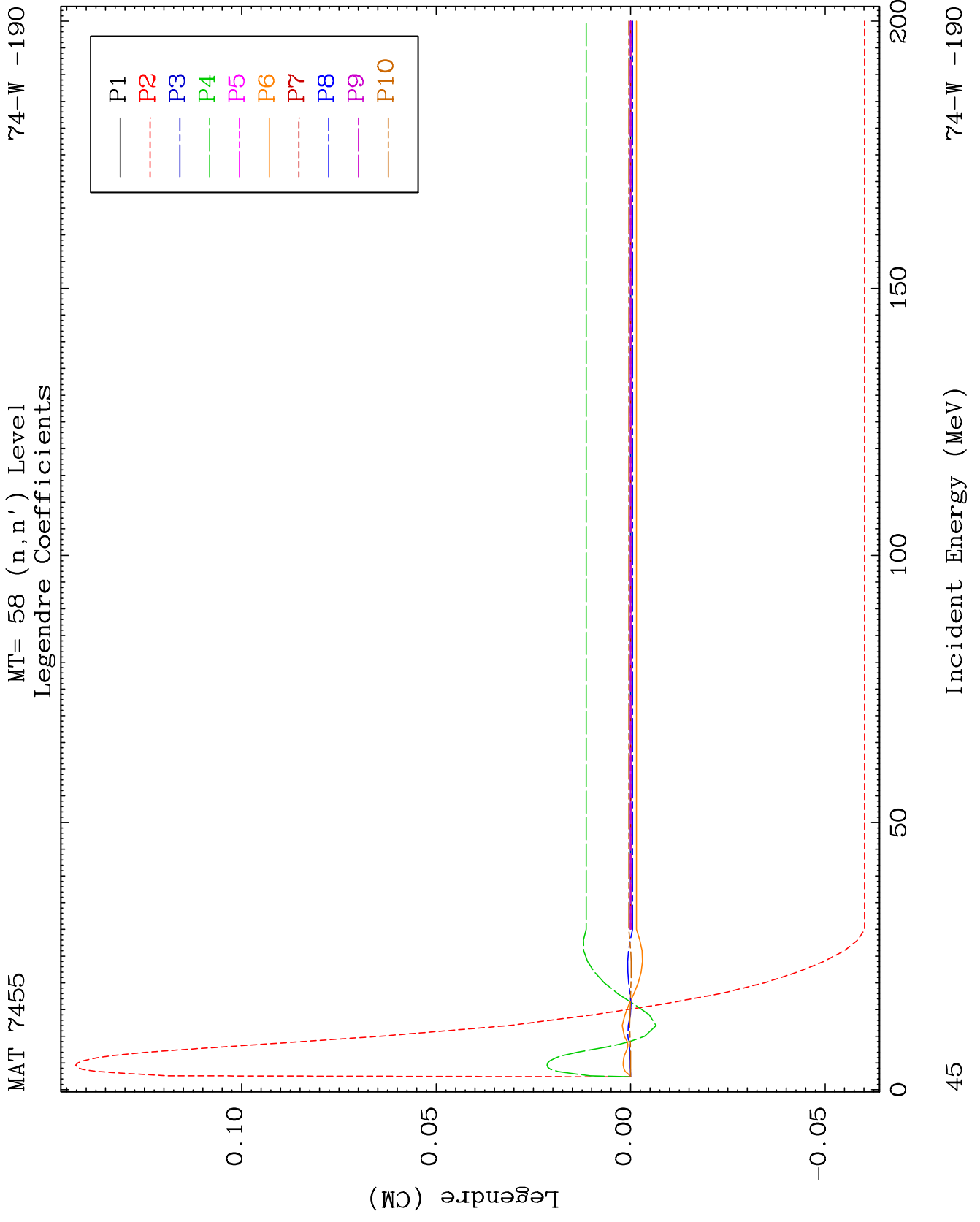
74-W -190



44

Incident Energy (MeV)

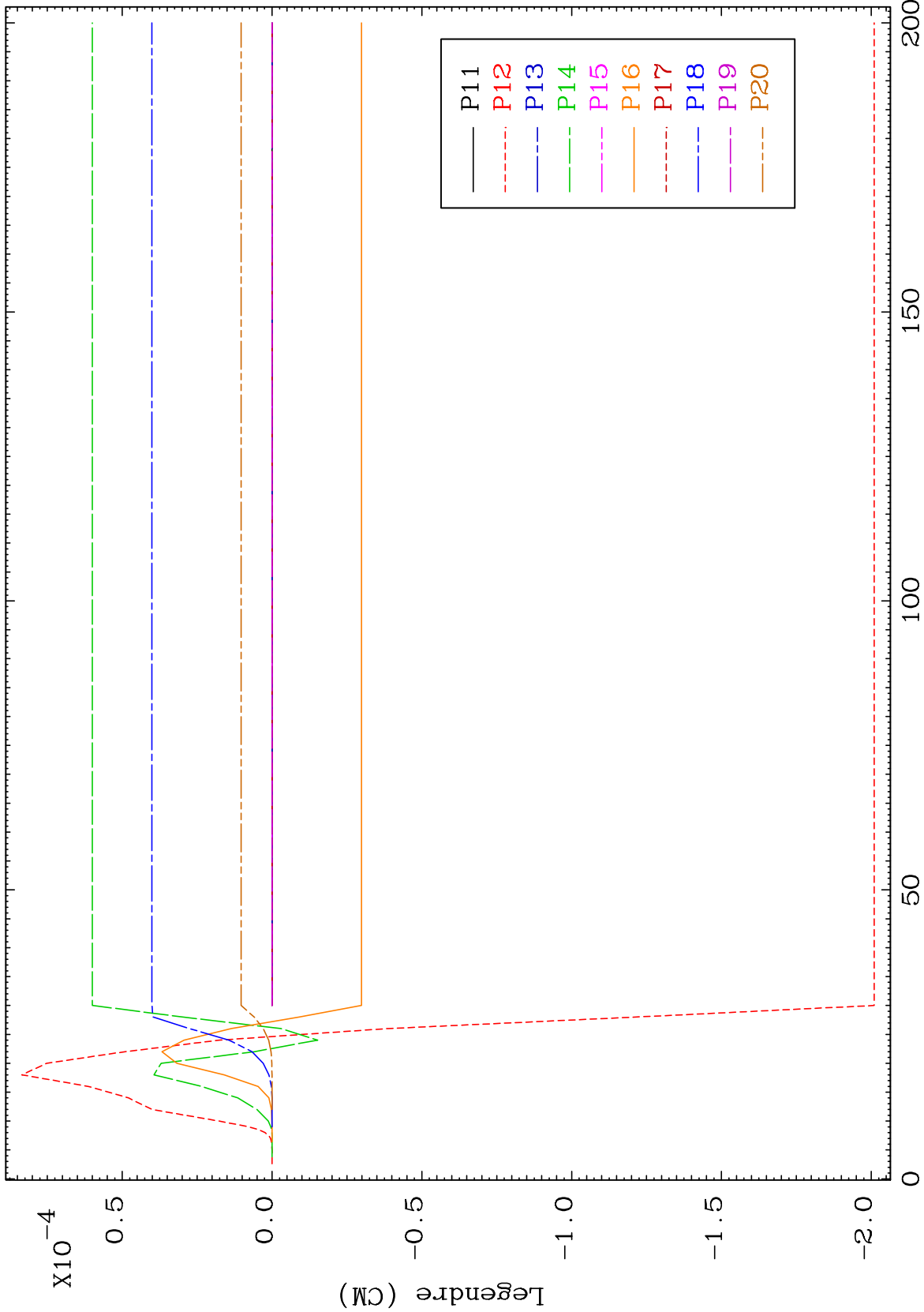
74-W -190



MAT 7455

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

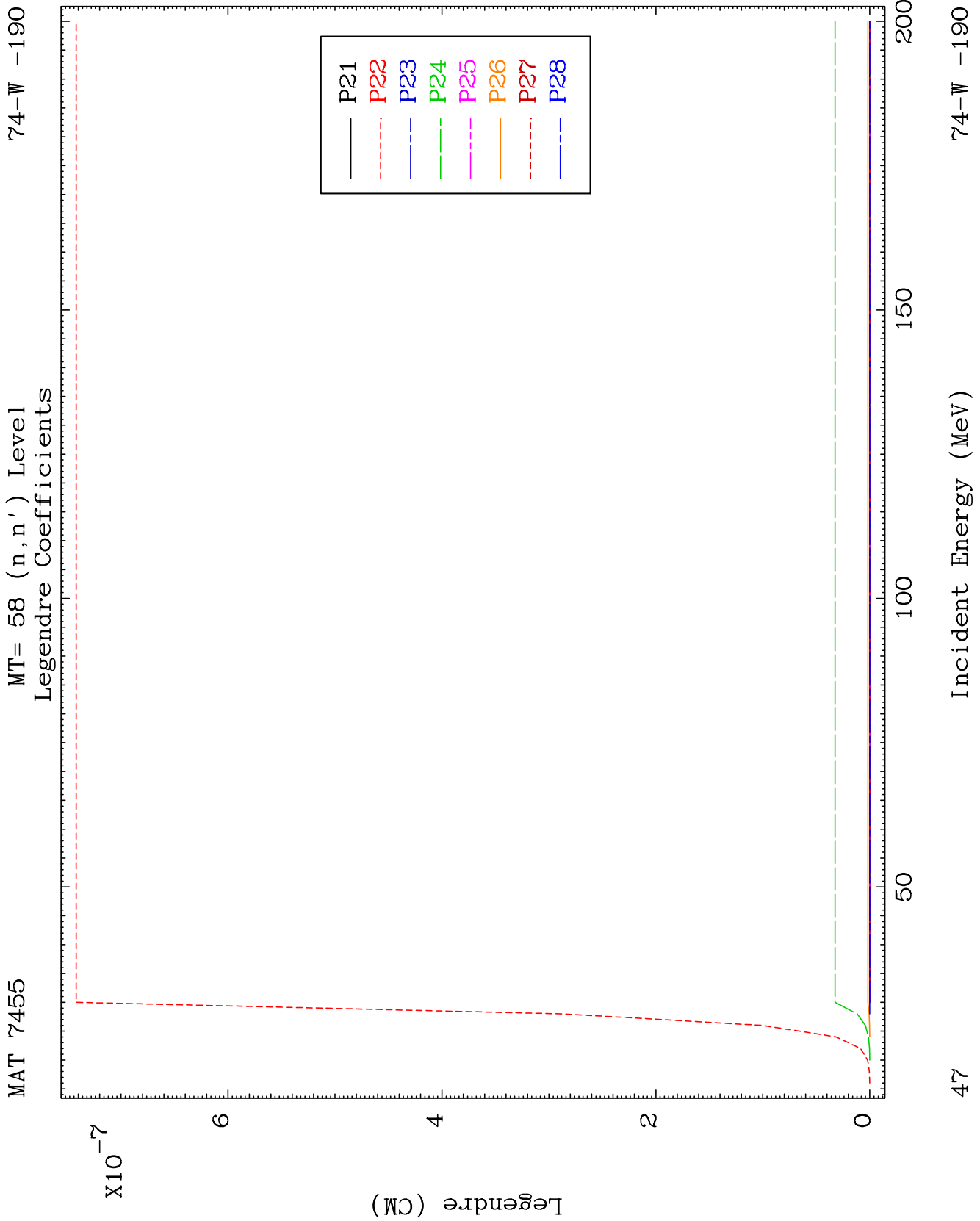
74-W -190



46

Incident Energy (MeV)

74-W -190

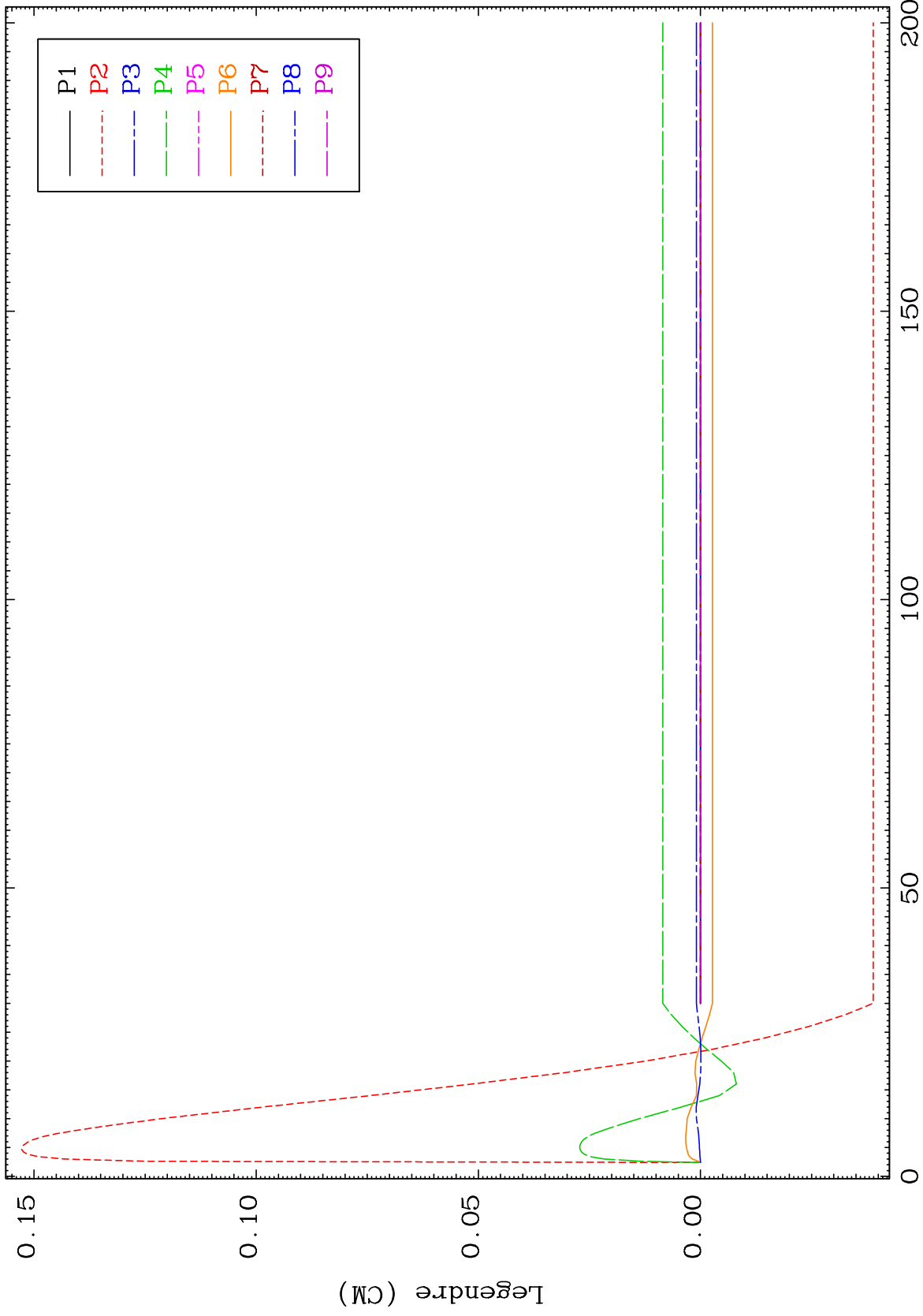




MAT 7455

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

74-W -190



48

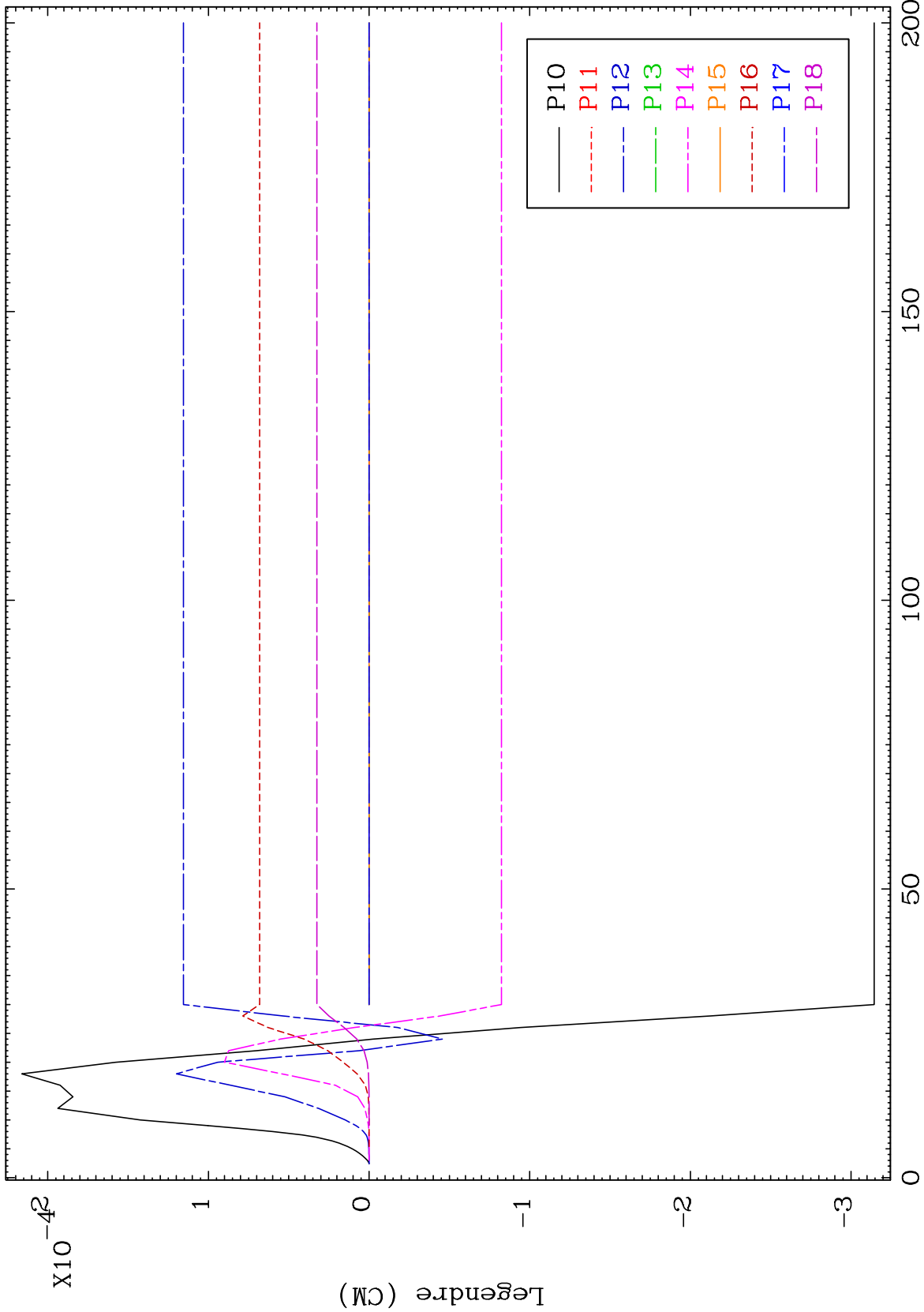
Incident Energy (MeV)

74-W -190

MAT 7455

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

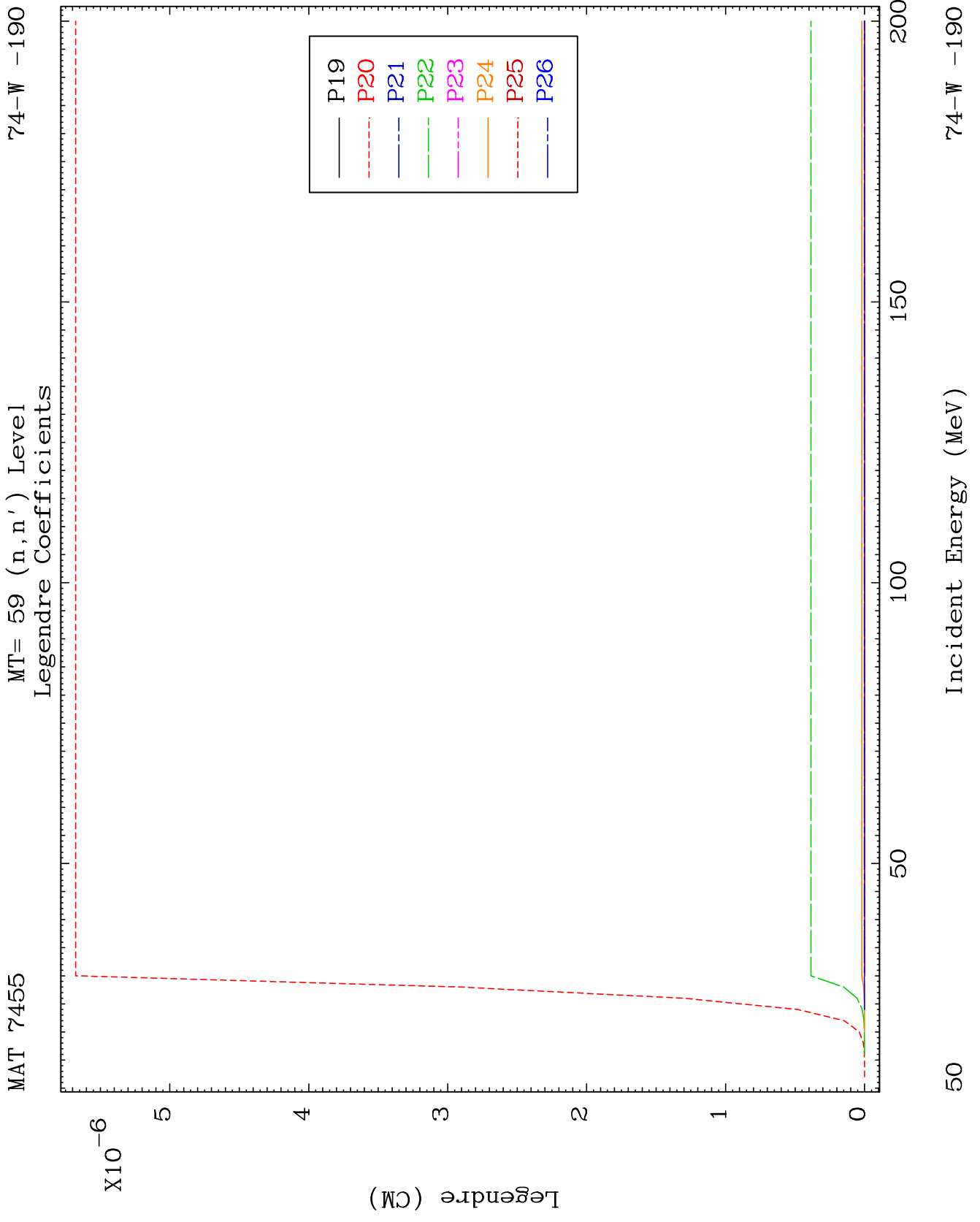
74-W -190



49

Incident Energy (MeV)

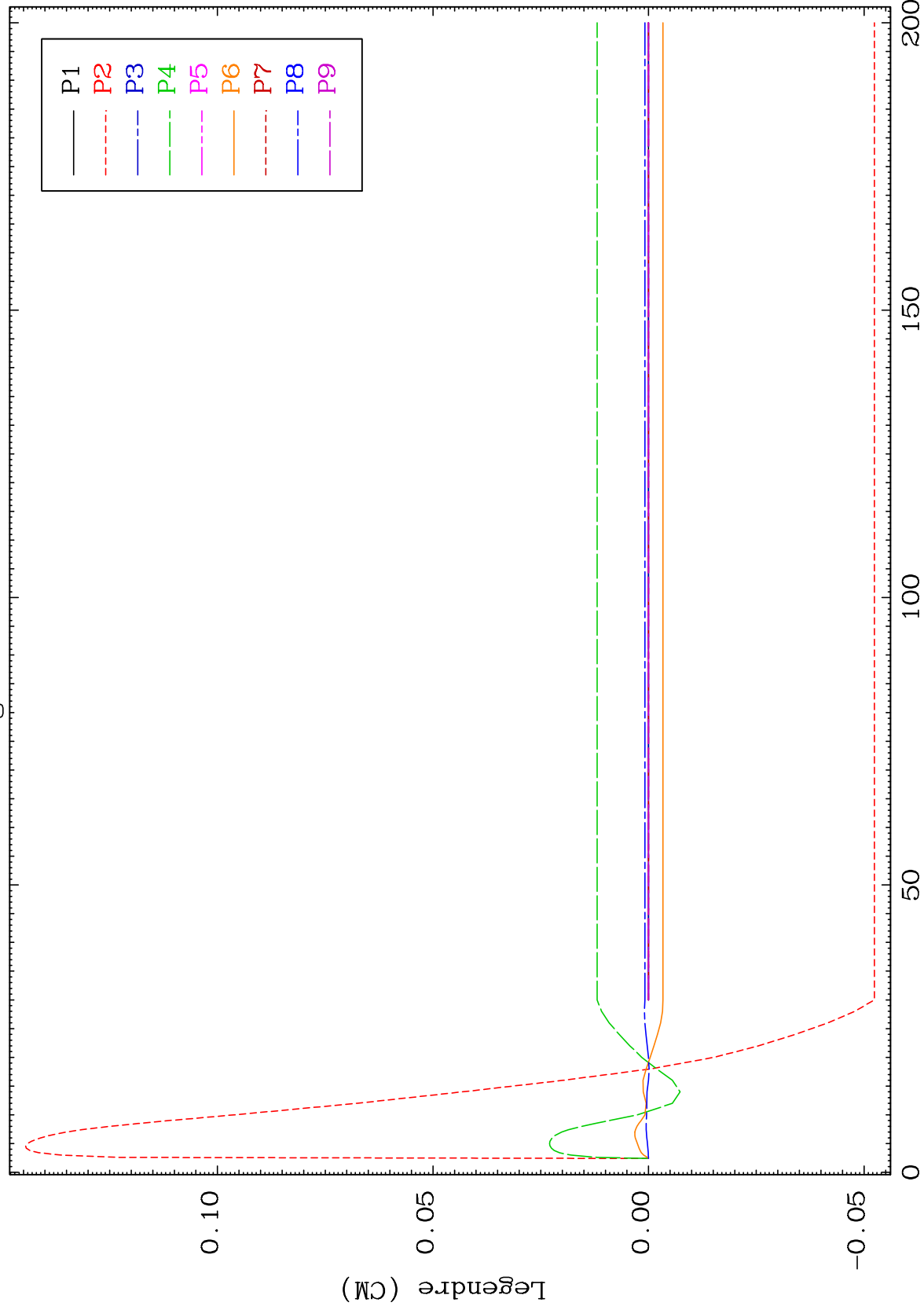
74-W -190



MAT 7455

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

74-W -190



51

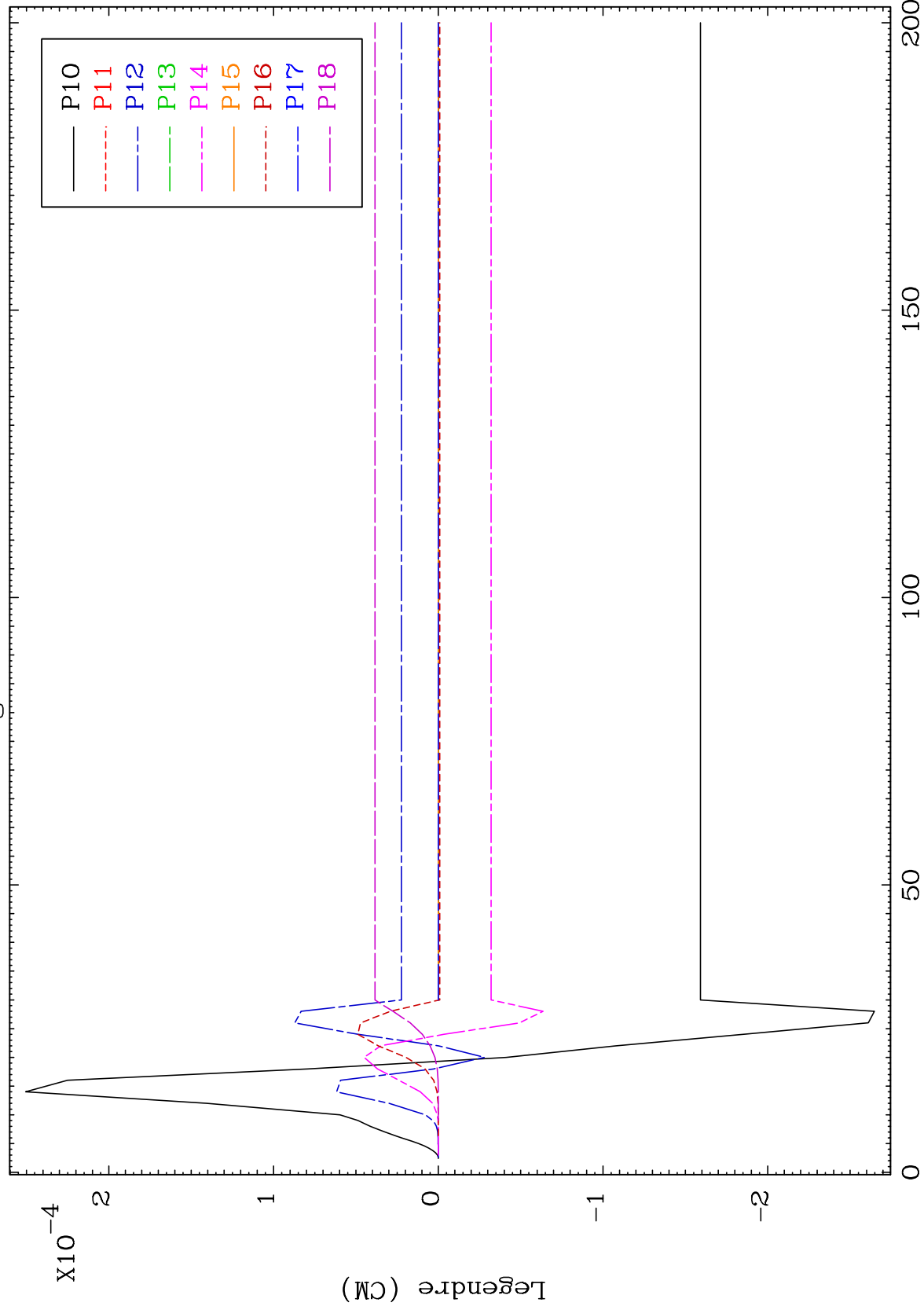
Incident Energy (MeV)

74-W -190

MAT 7455

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

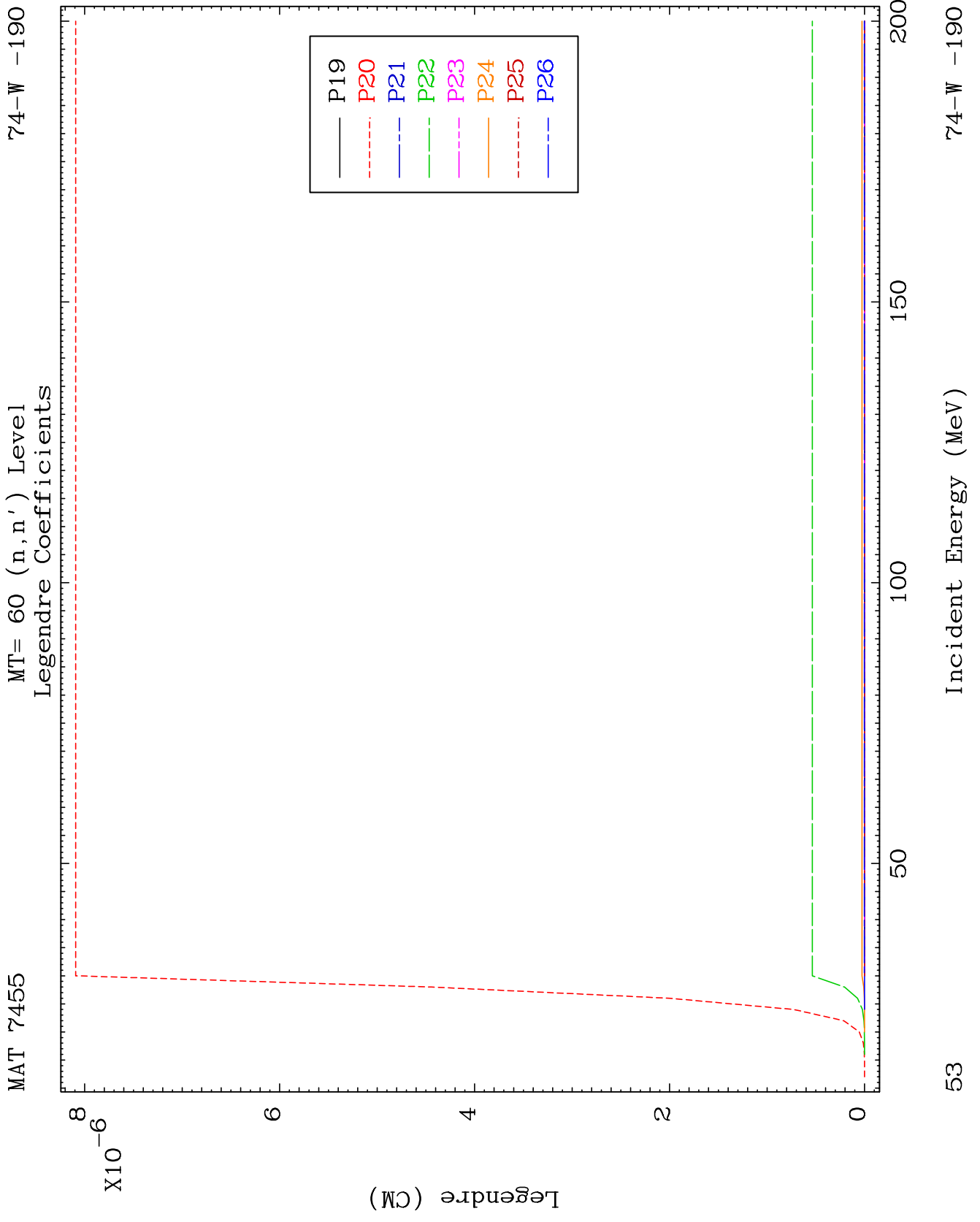
74-W -190

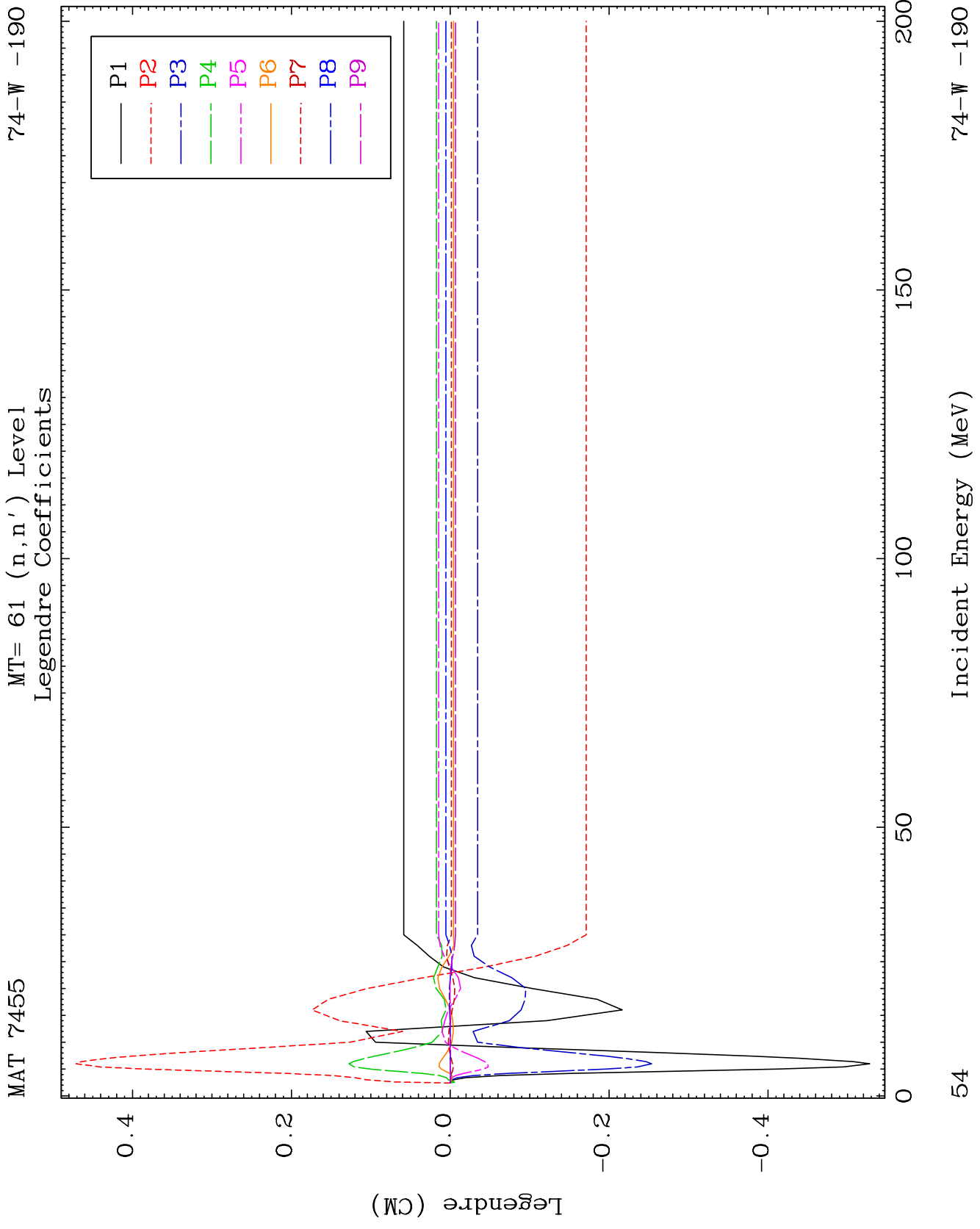


52

Incident Energy (MeV)

74-W -190





74-W -190

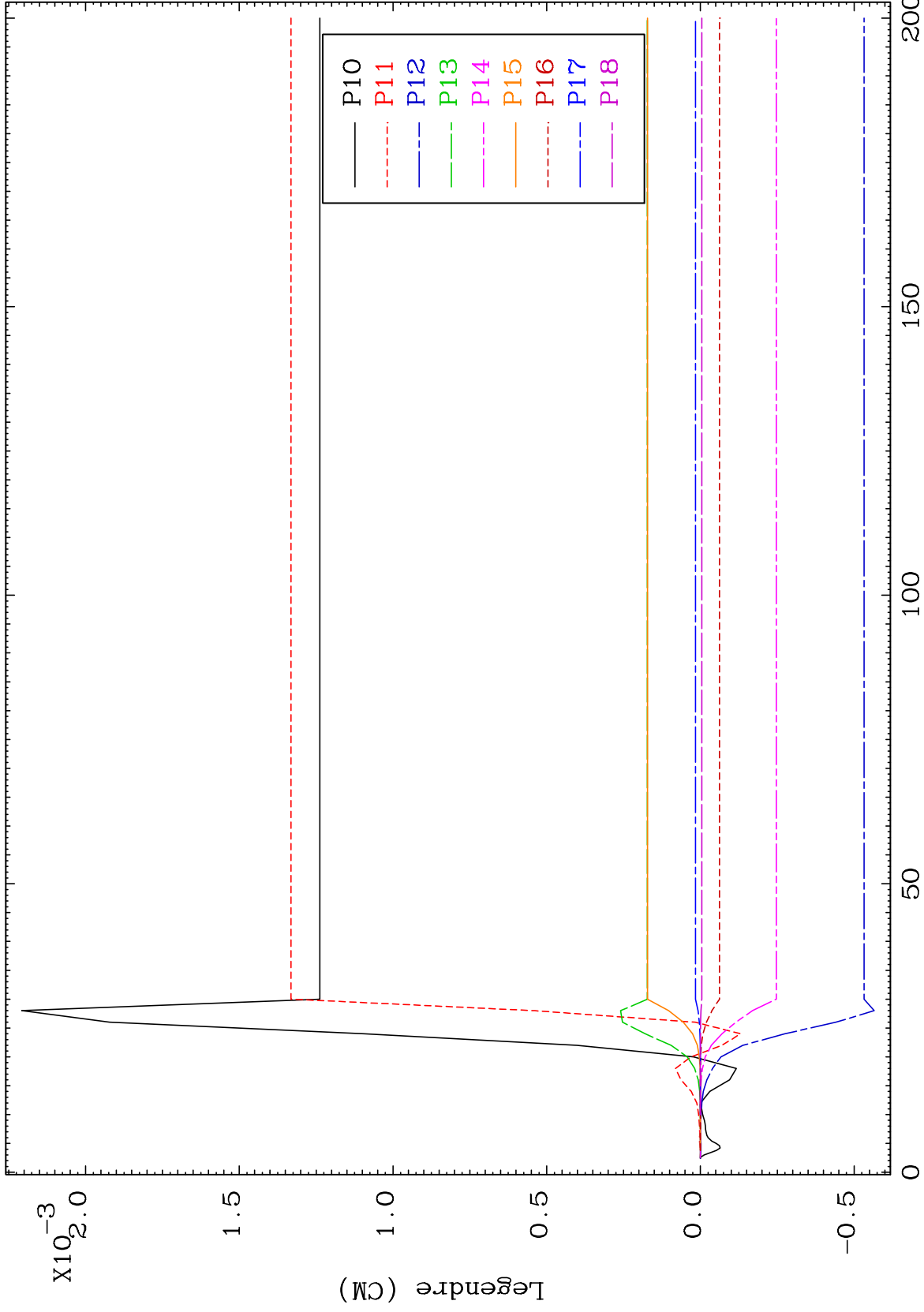
Incident Energy (MeV)

54

MAT 7455

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

74-W -190



55

Incident Energy (MeV)

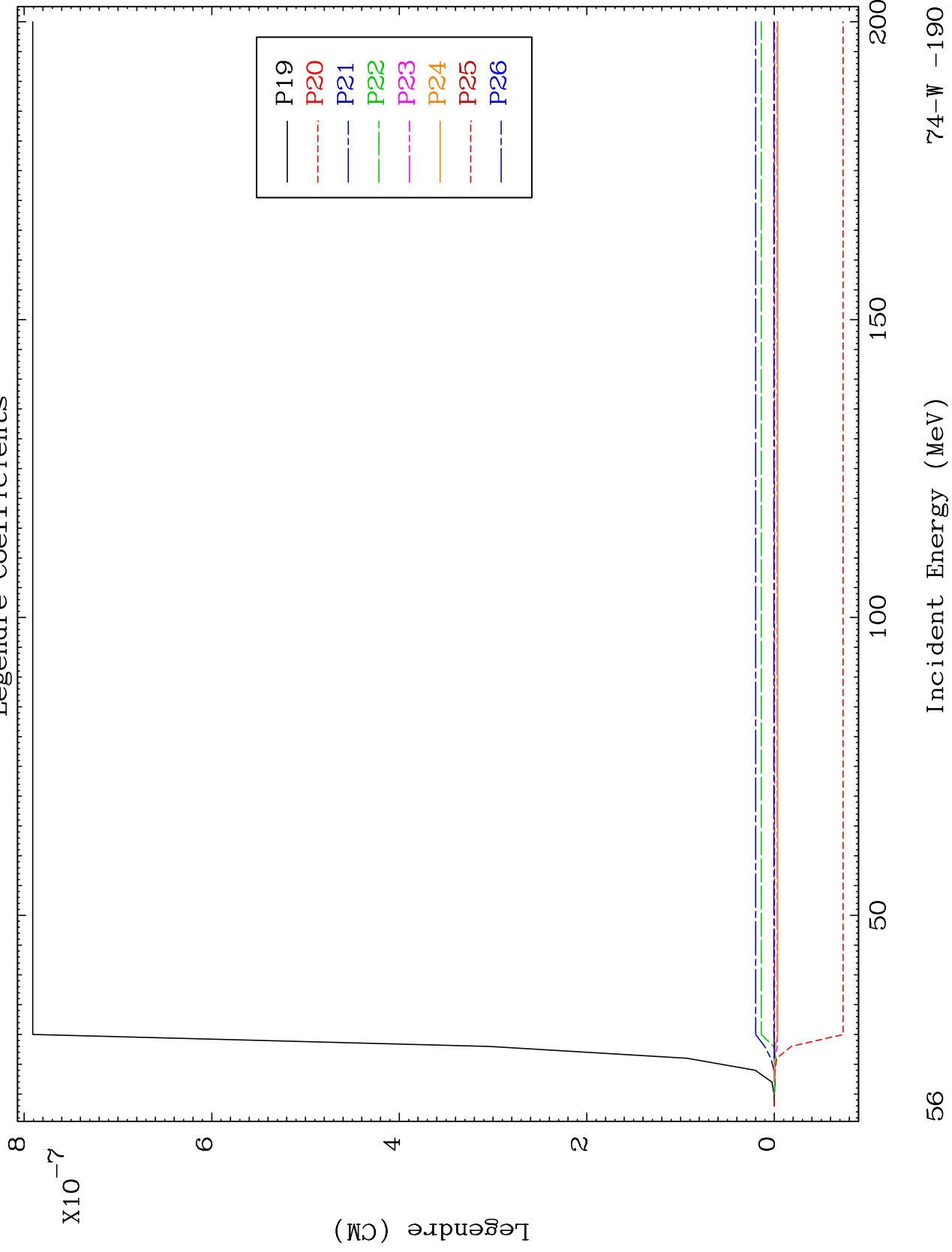
74-W -190



MAT 7455

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

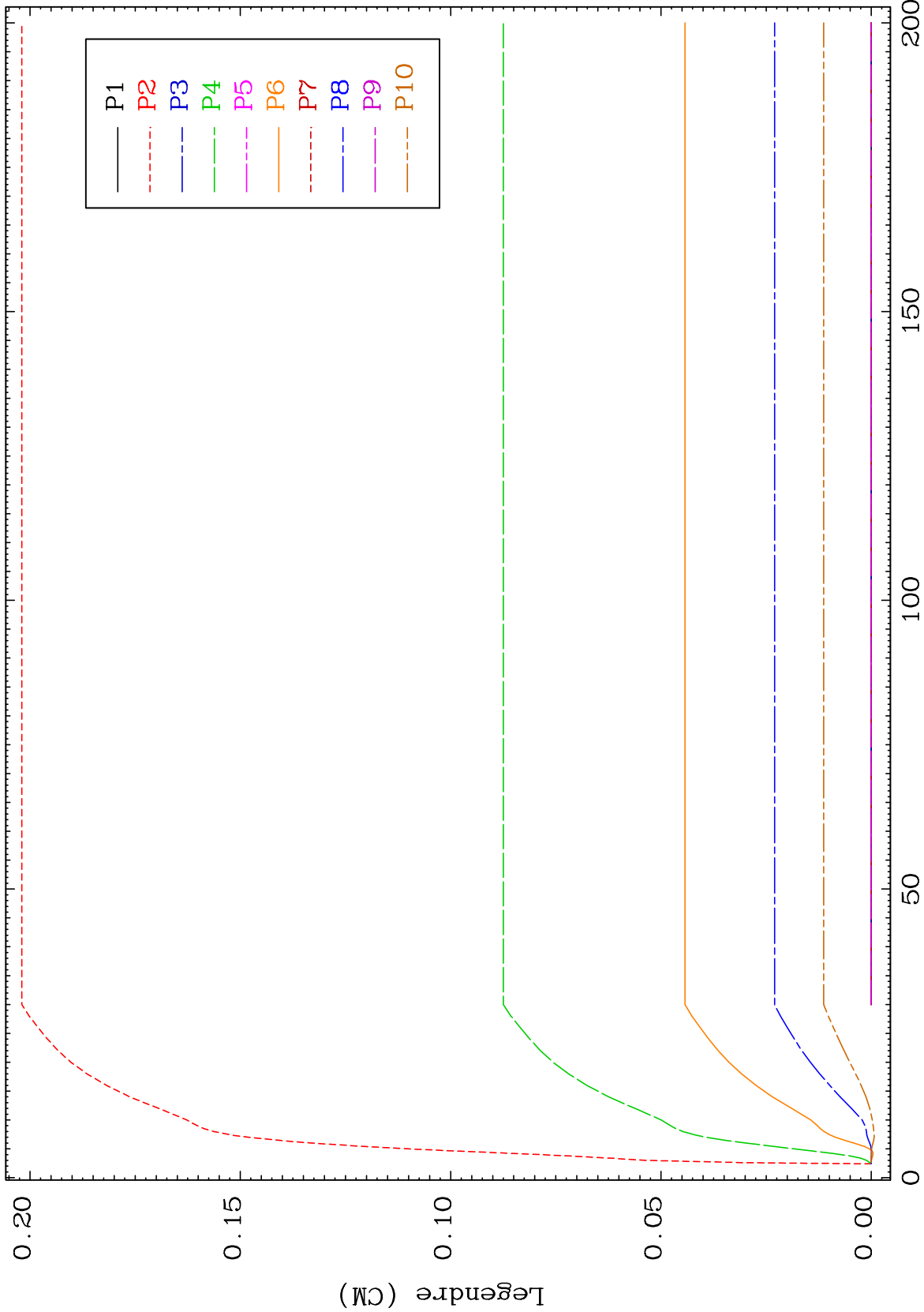
74-W -190



MAT 7455

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

74-W -190



57

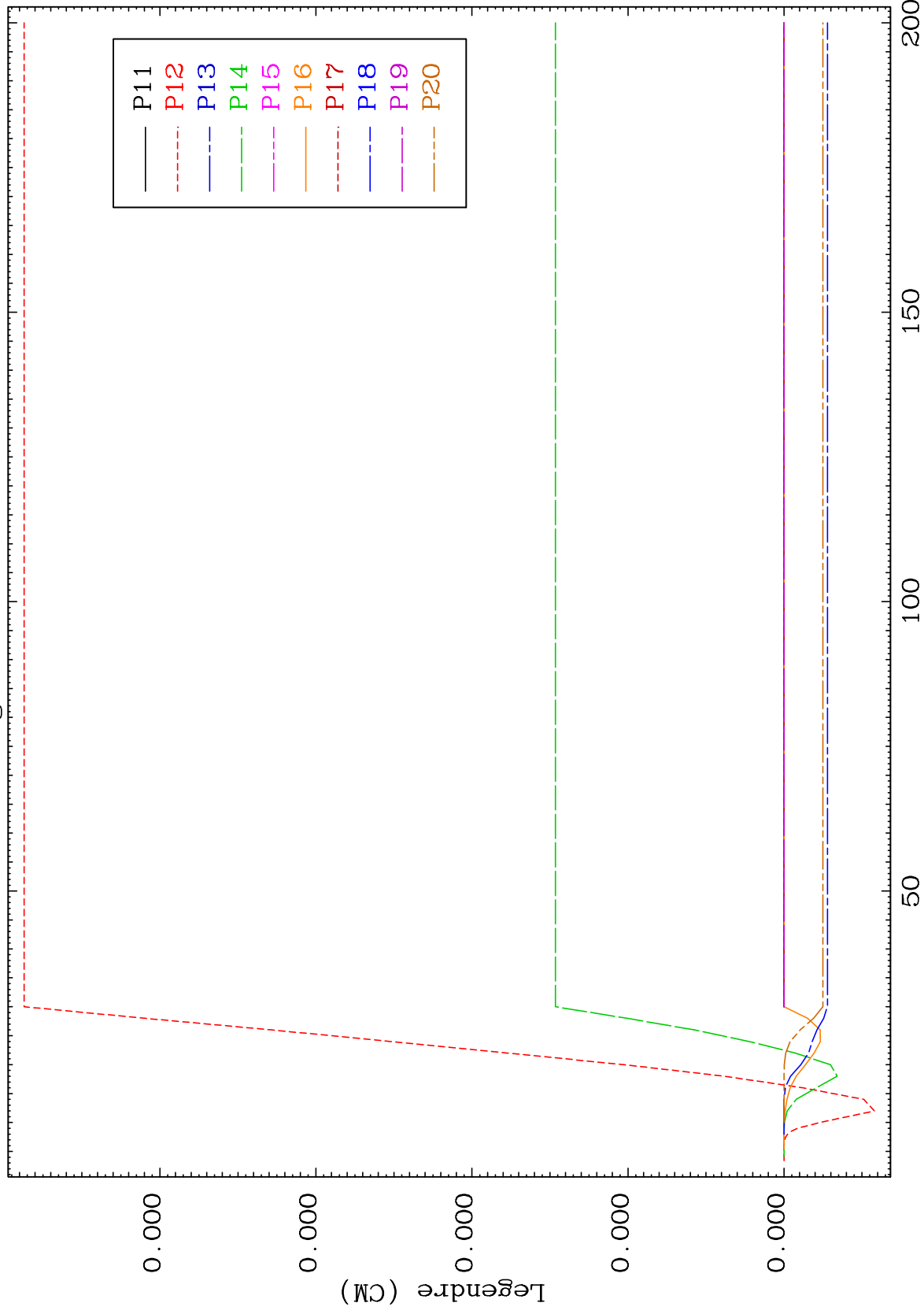
Incident Energy (MeV)

74-W -190

MAT 7455

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

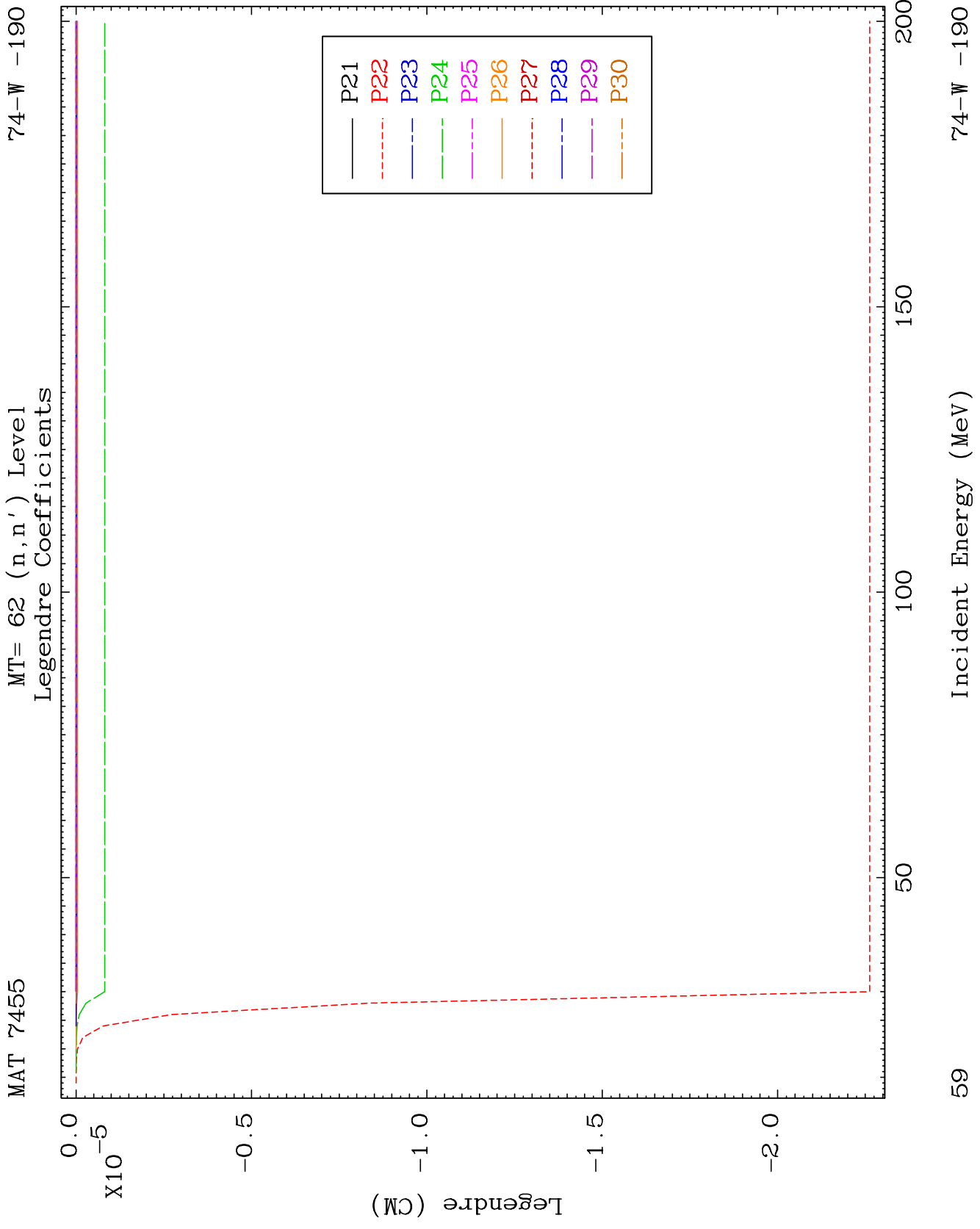
74-W -190



58

Incident Energy (MeV)

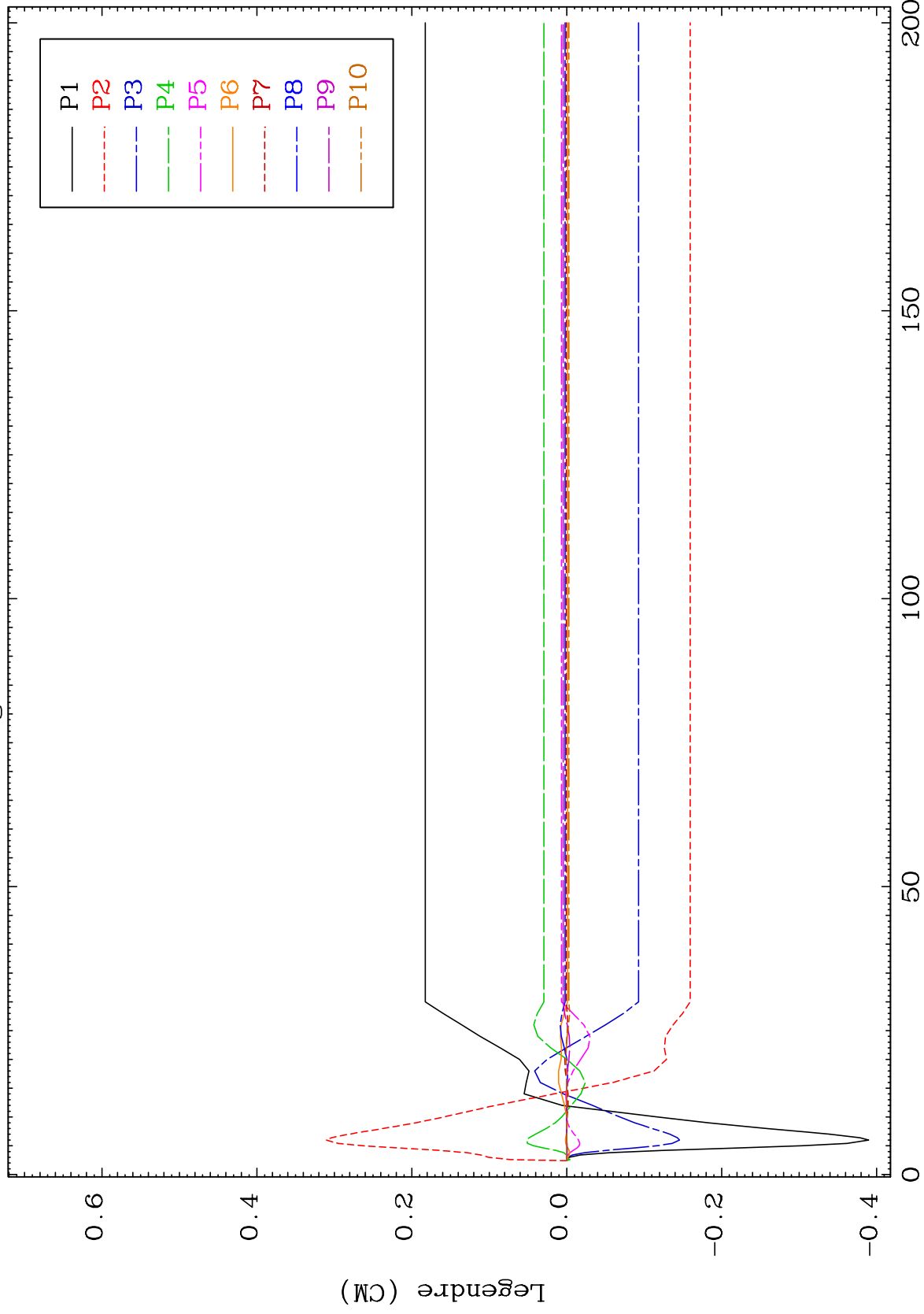
74-W -190



MAT 7455

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

74-W -190



74-W -190

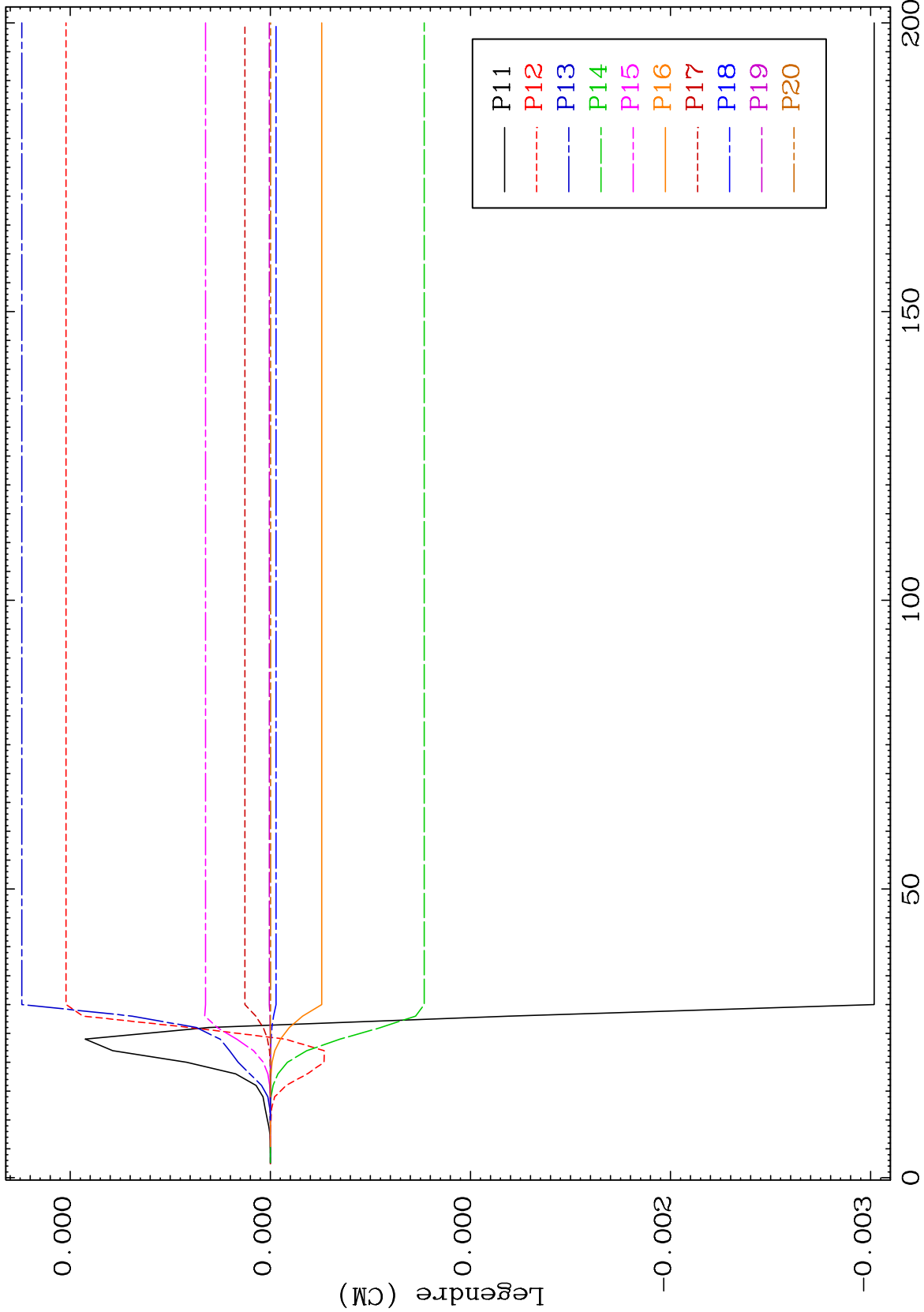
Incident Energy (MeV)

60

MAT 7455

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

74-W -190



61

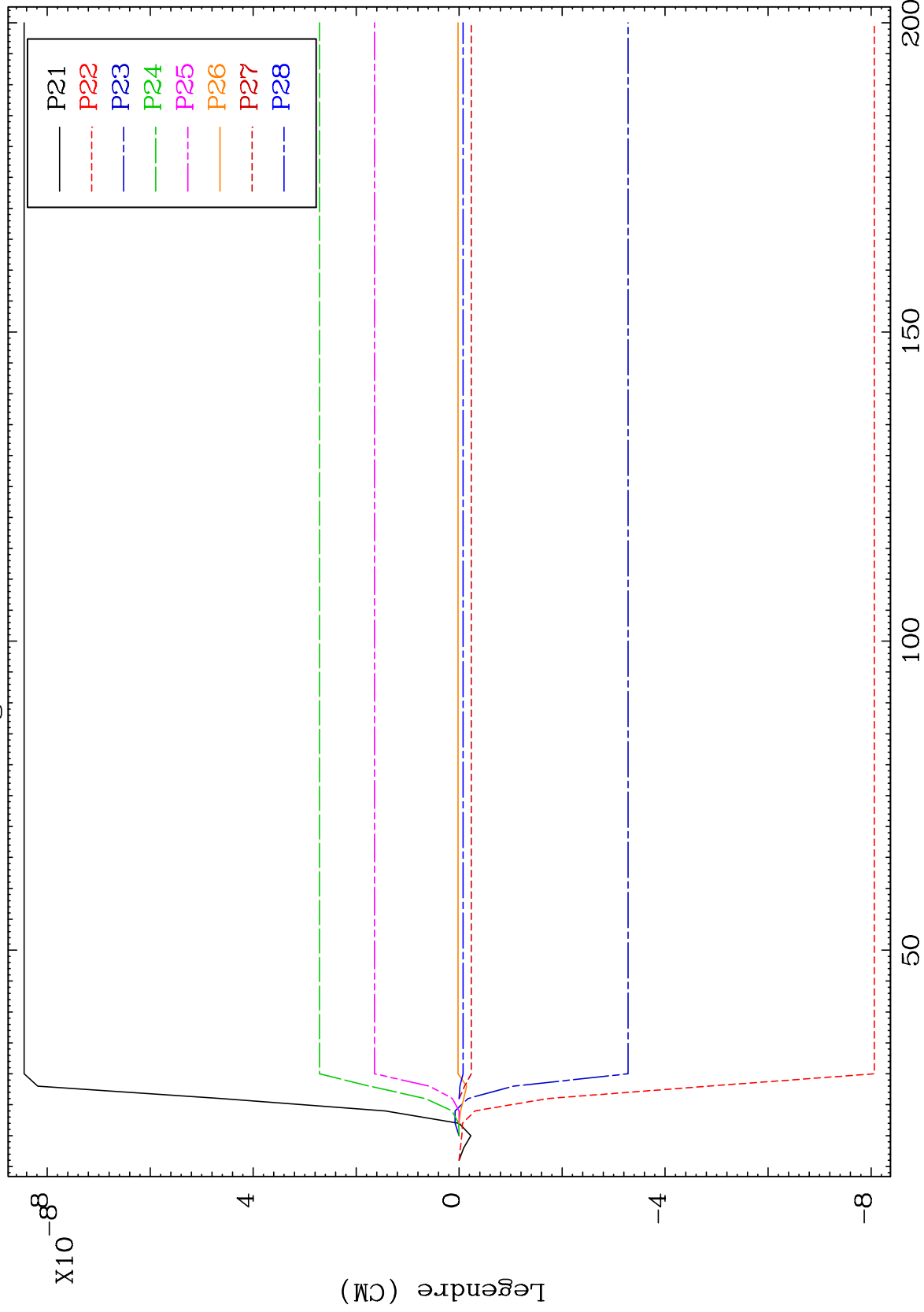
Incident Energy (MeV)

74-W -190

MAT 7455

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

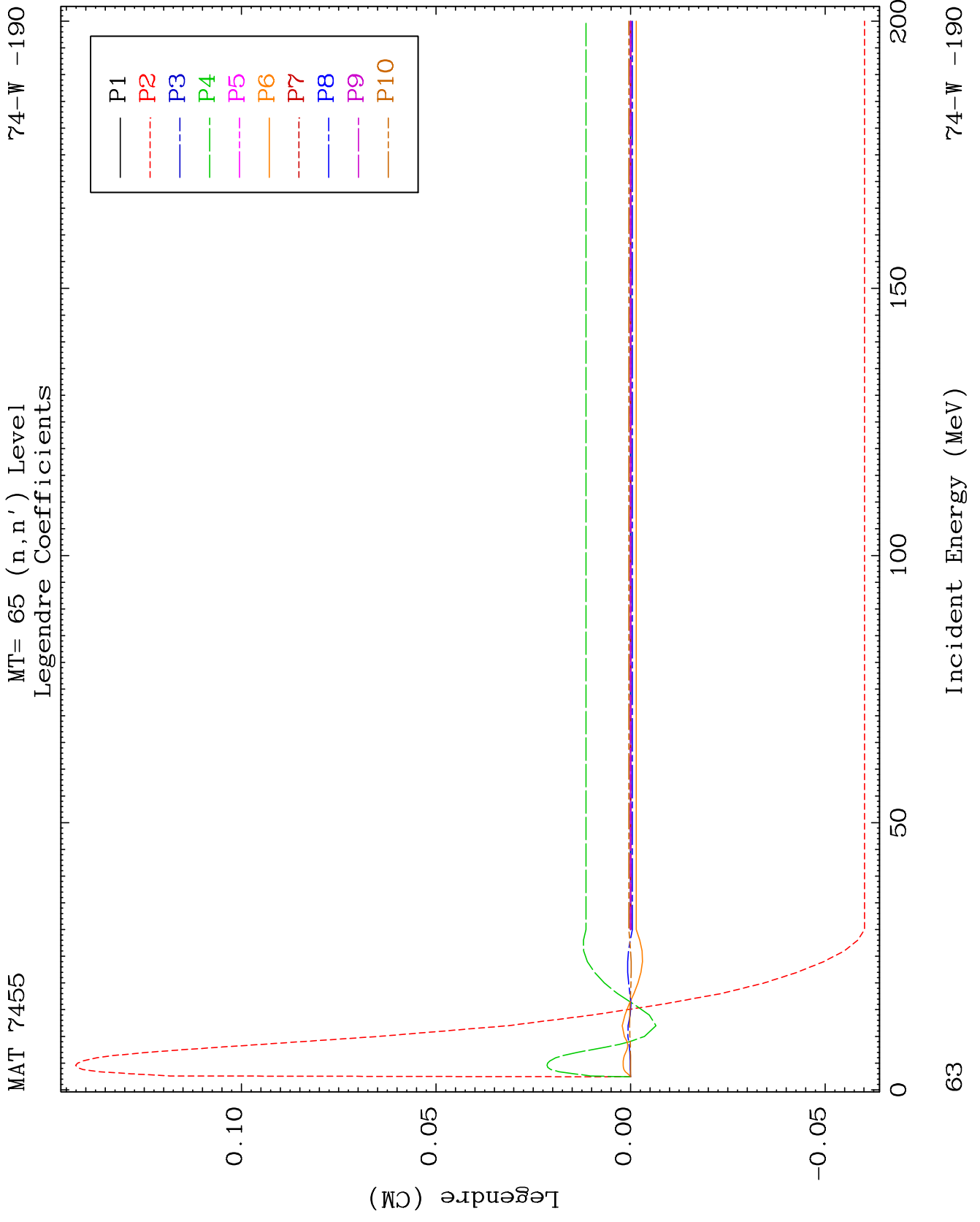
74-W -190



62

Incident Energy (MeV)

74-W -190

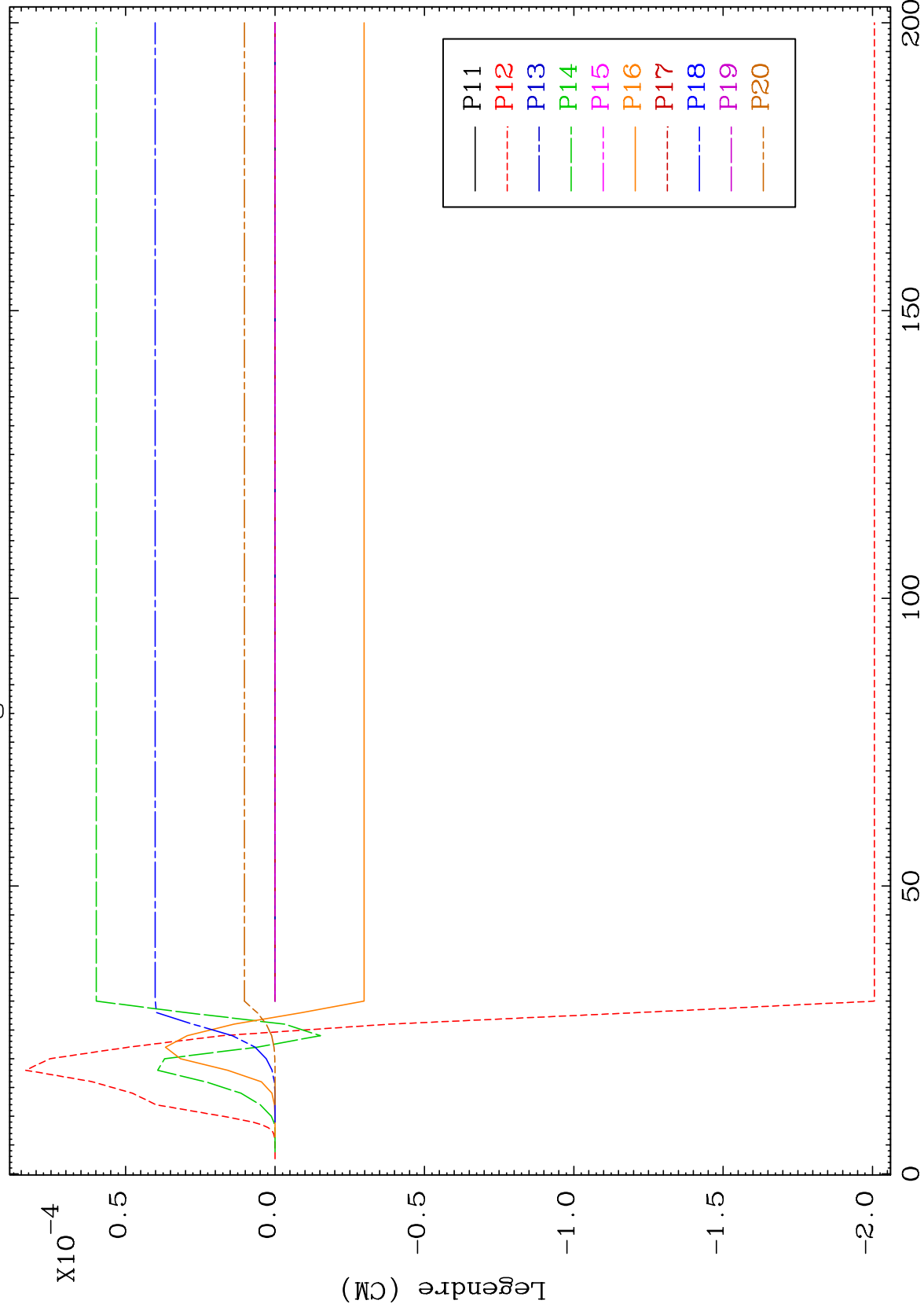




MAT 7455

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

74-W -190



64

Incident Energy (MeV)

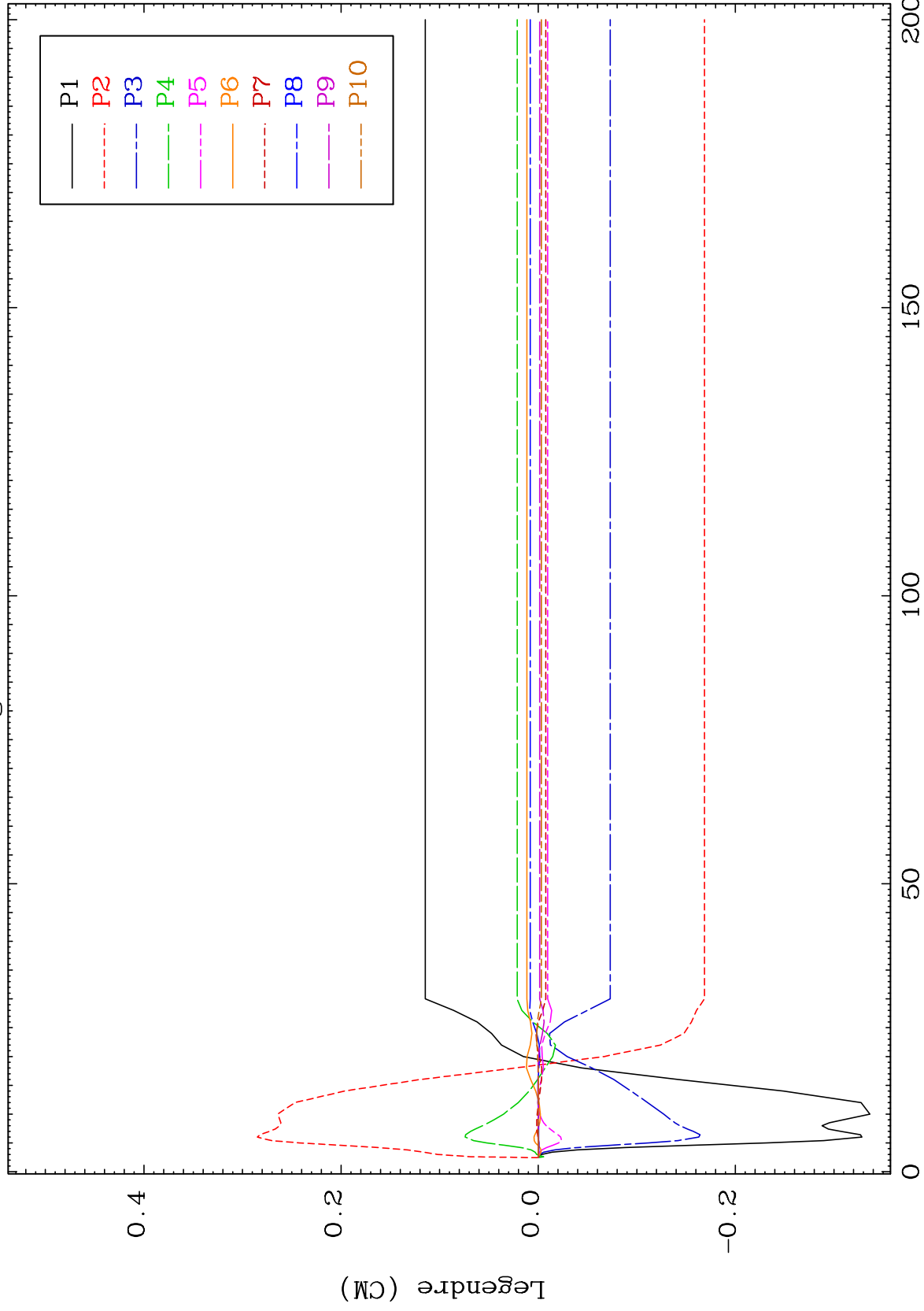
74-W -190



MAT 7455

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

74-W -190



66

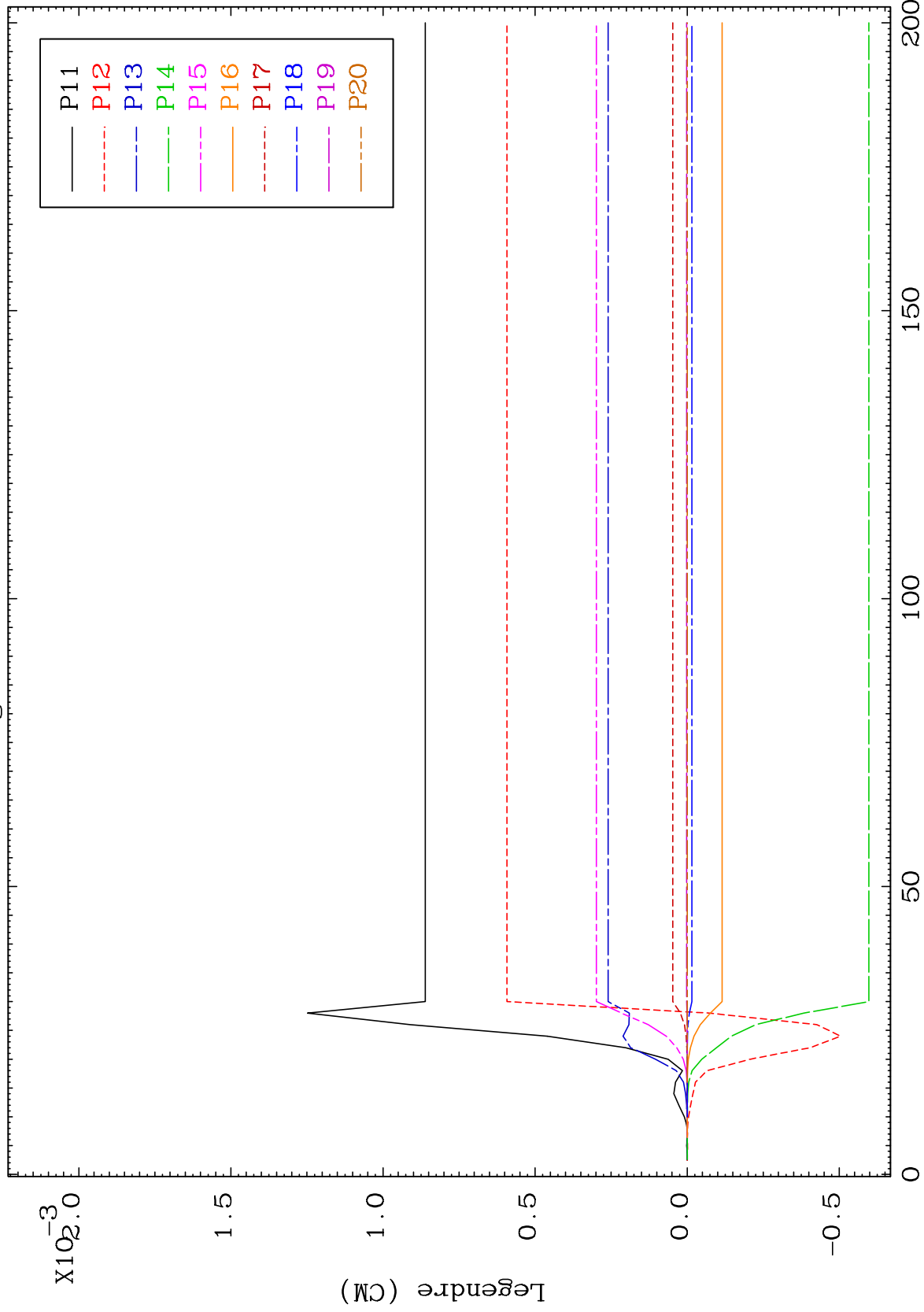
Incident Energy (MeV)

74-W -190

MAT 7455

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

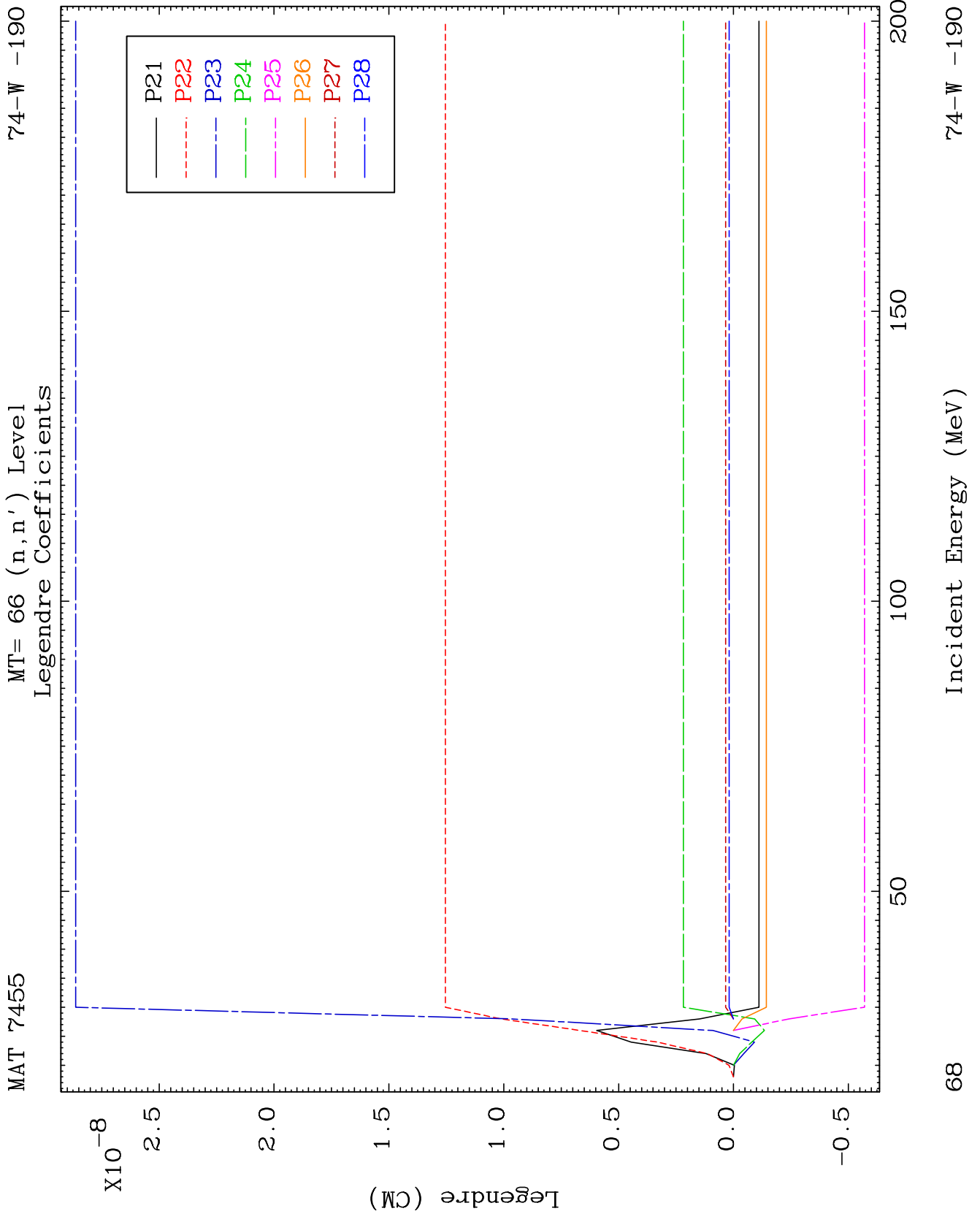
74-W -190



67

Incident Energy (MeV)

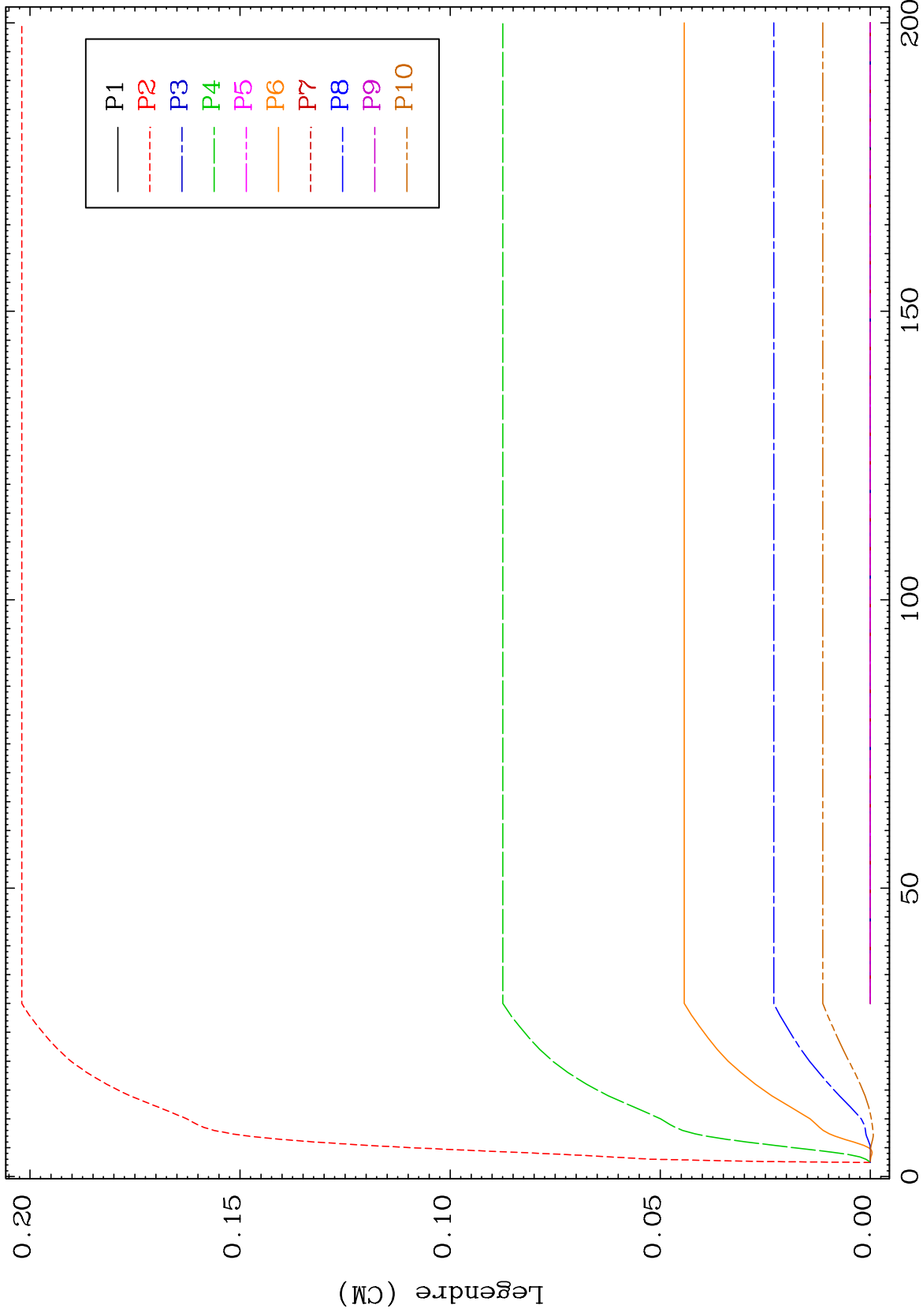
74-W -190



MAT 7455

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

74-W -190



69

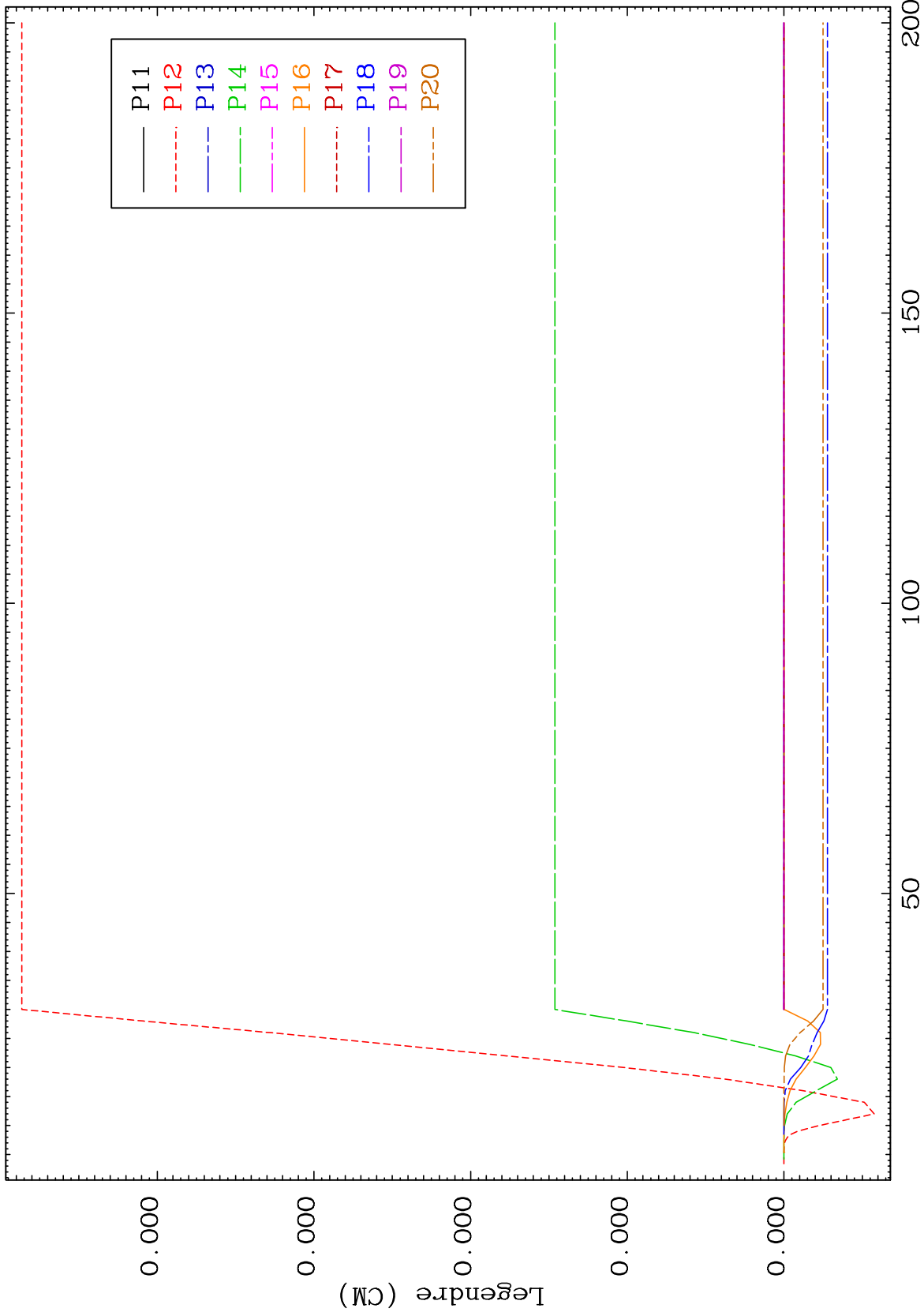
Incident Energy (MeV)

74-W -190

MAT 7455

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

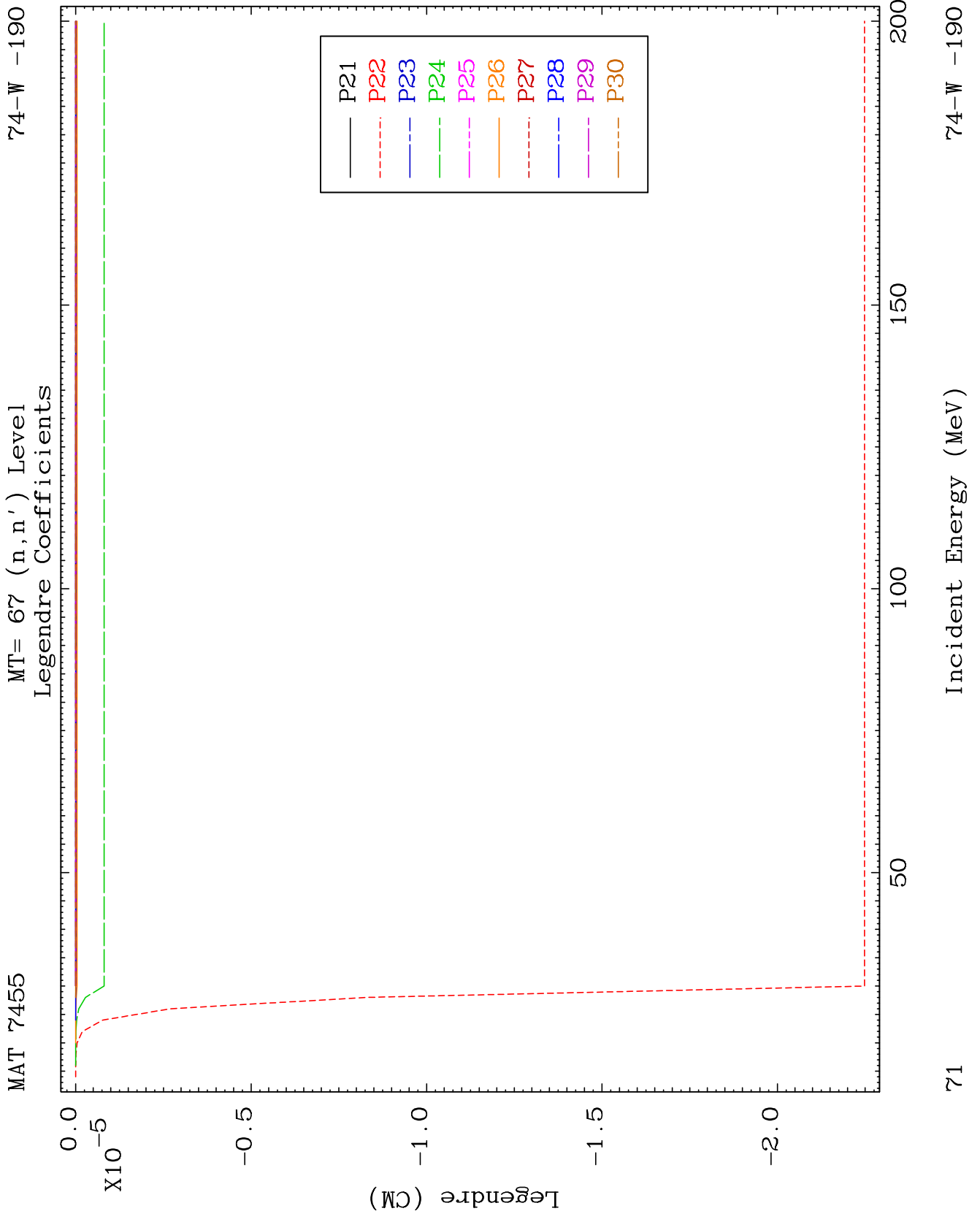
74-W -190



70

Incident Energy (MeV)

74-W -190

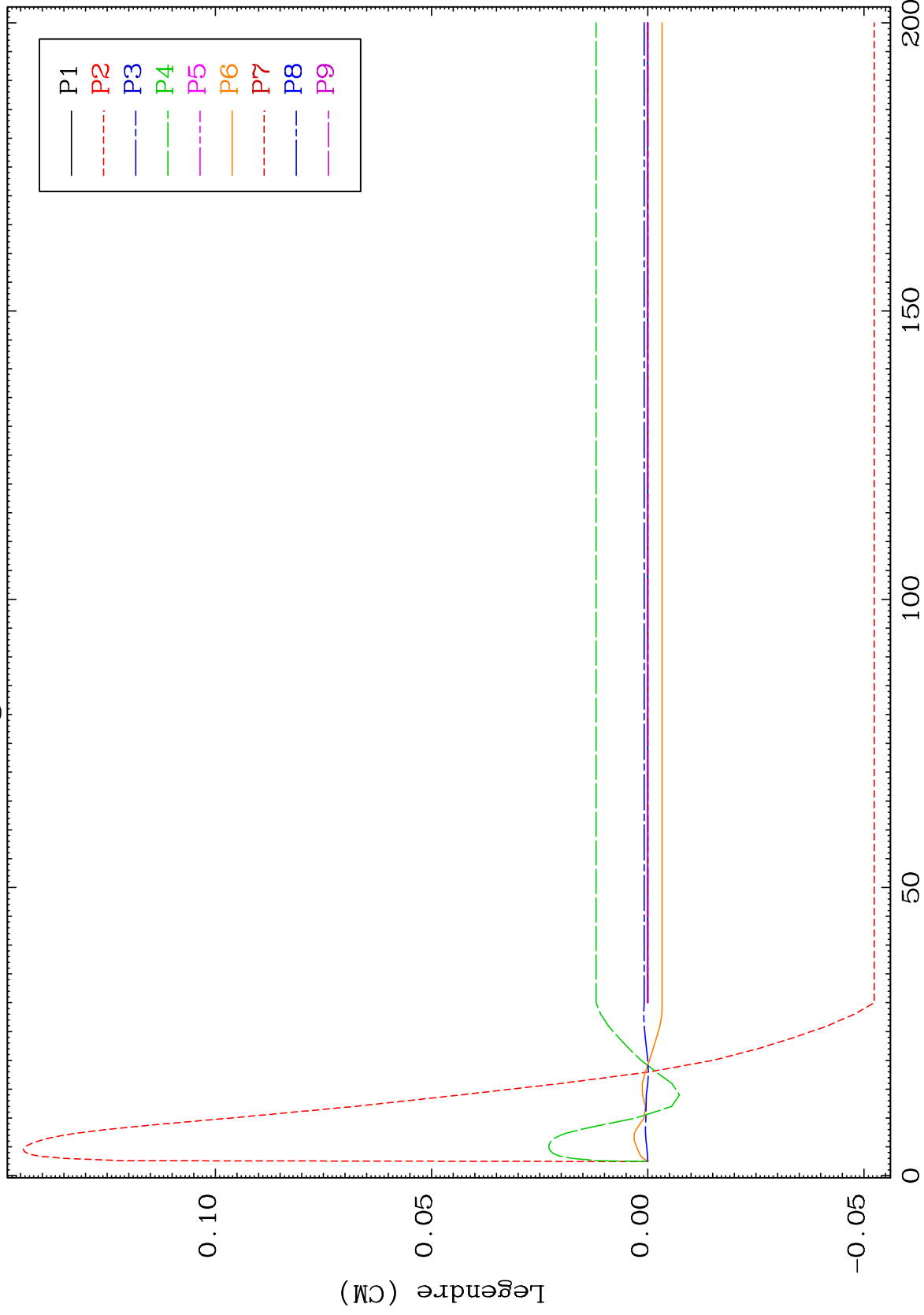




MAT 7455

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

74-W -190



72

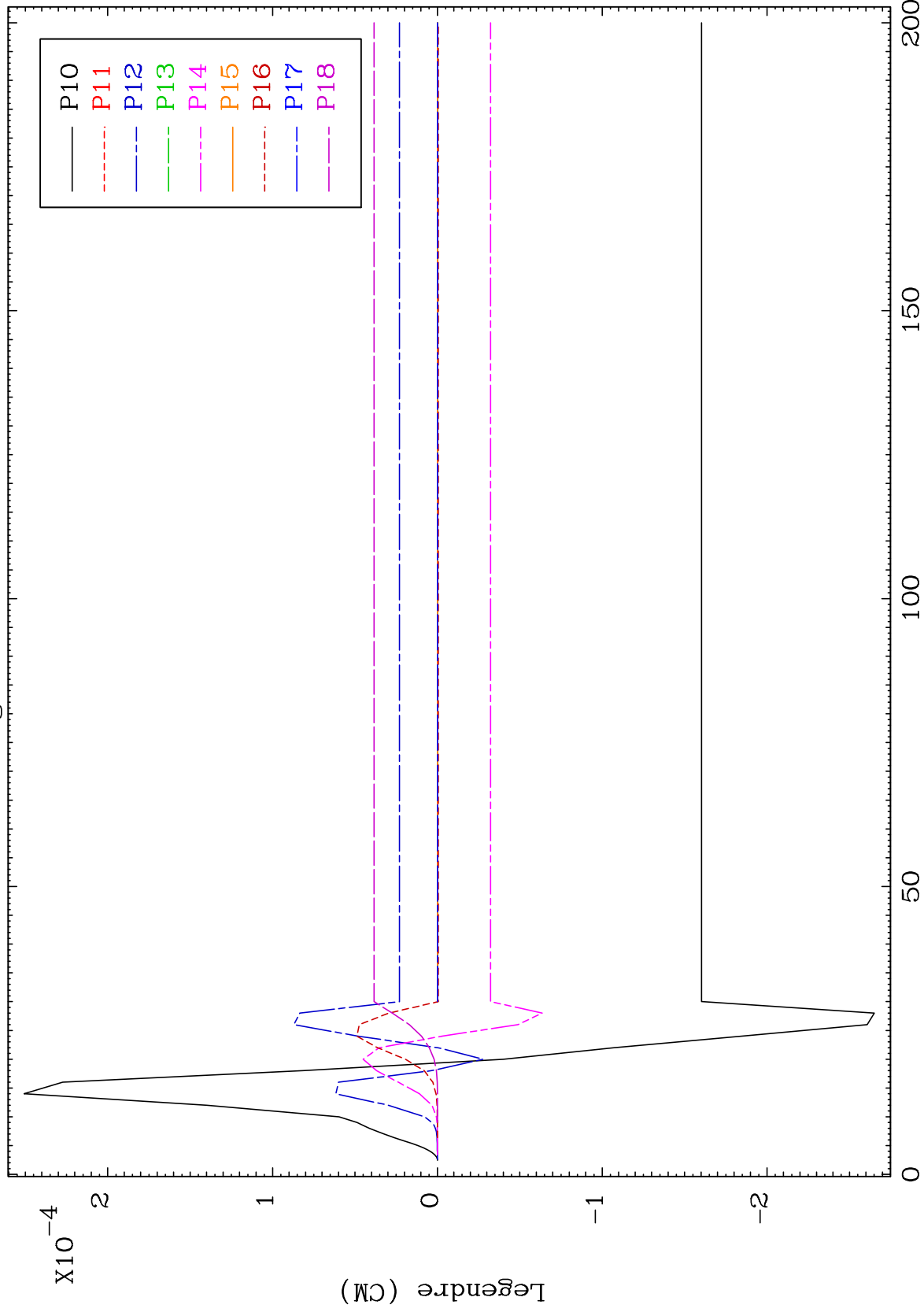
Incident Energy (MeV)

74-W -190

MAT 7455

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

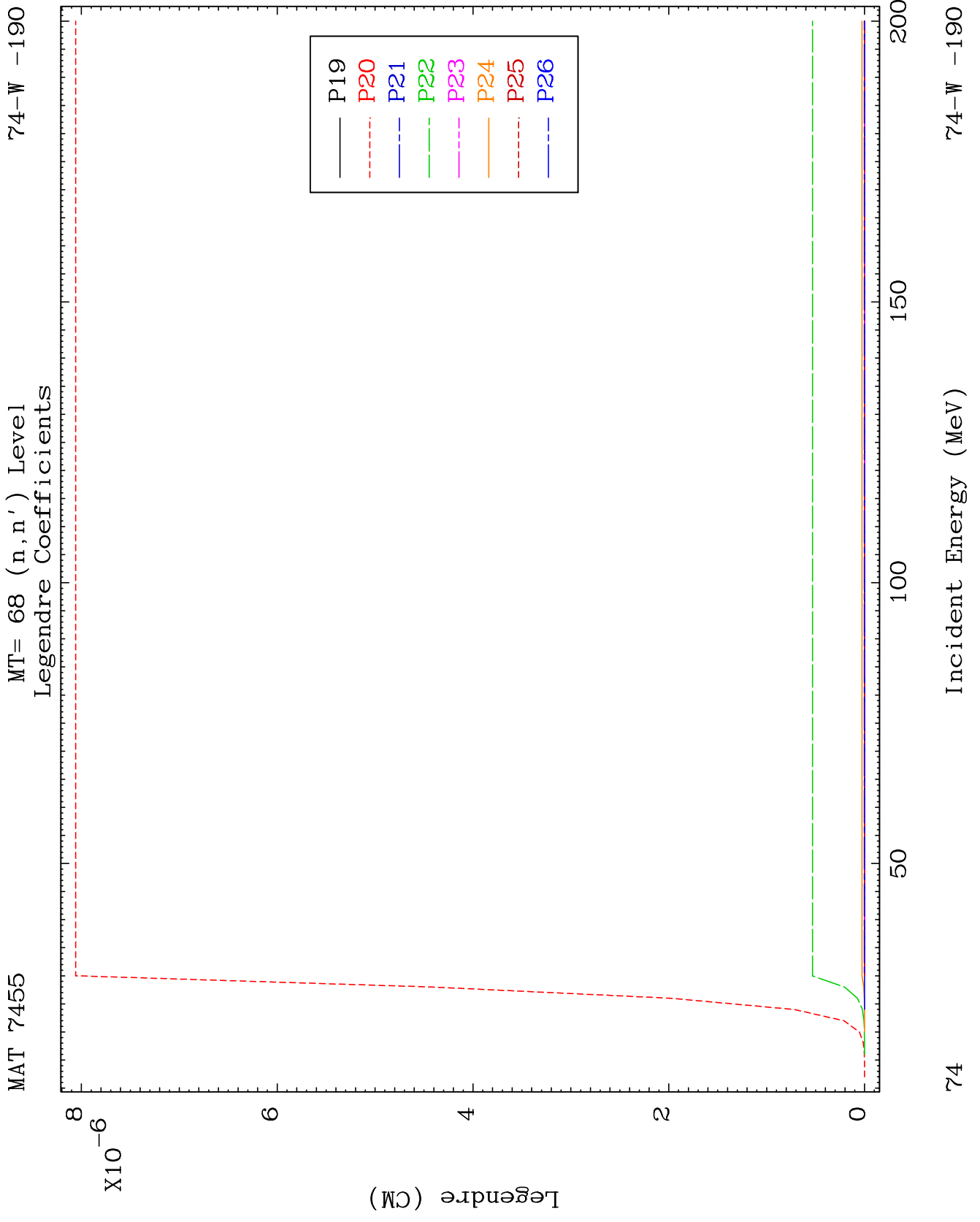
74-W -190



73

Incident Energy (MeV)

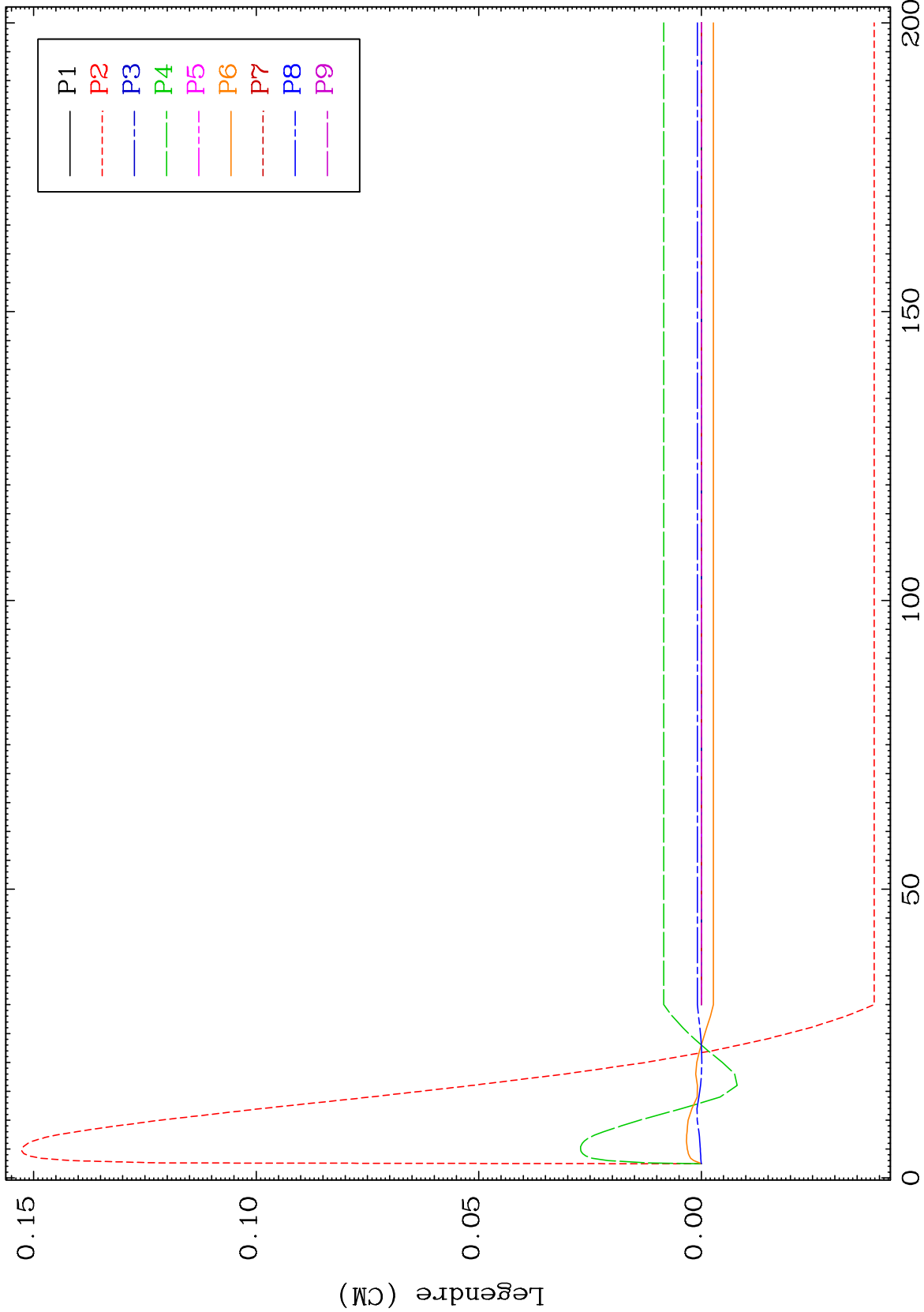
74-W -190



MAT 7455

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

74-W -190



75

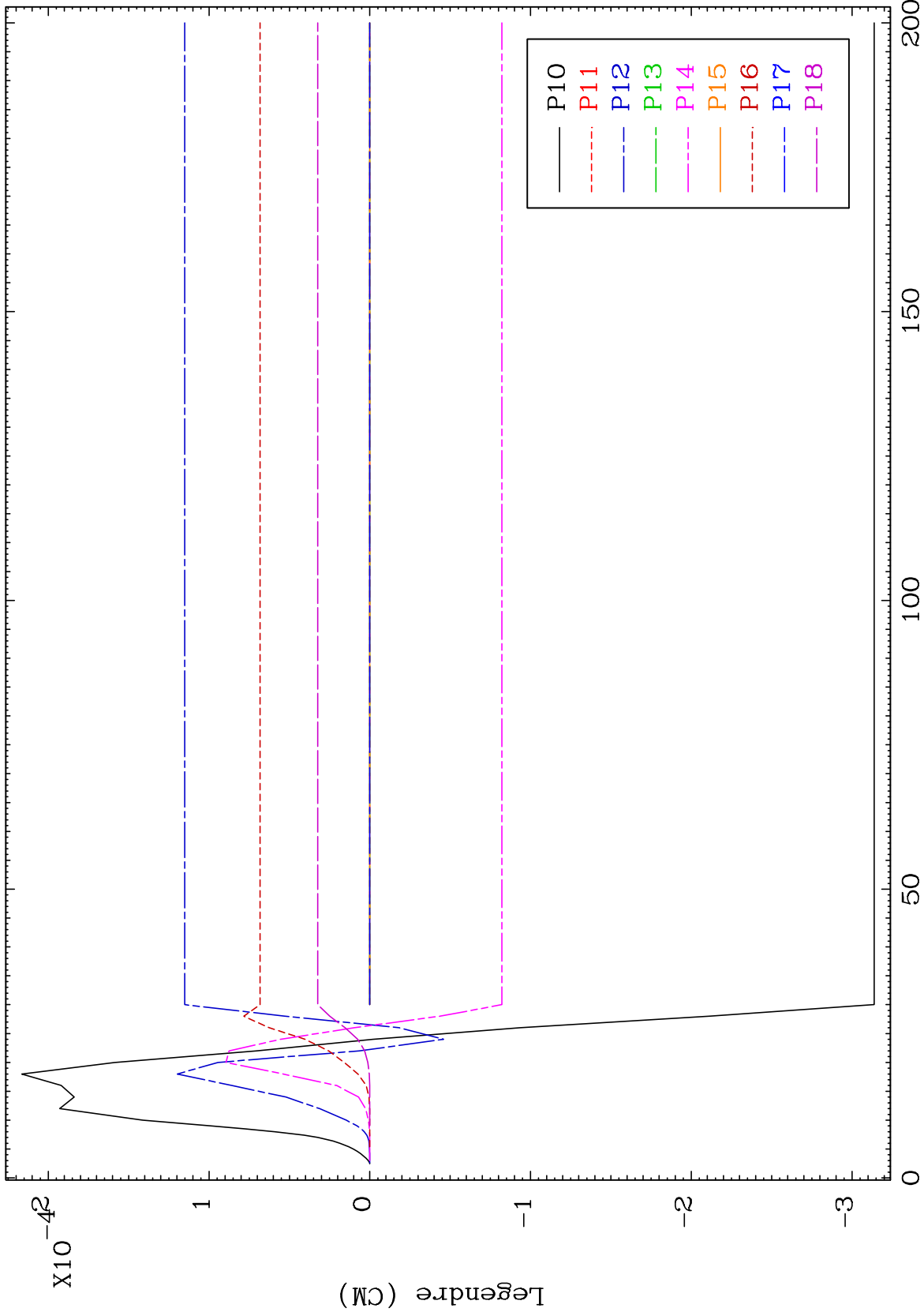
Incident Energy (MeV)

74-W -190

MAT 7455

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

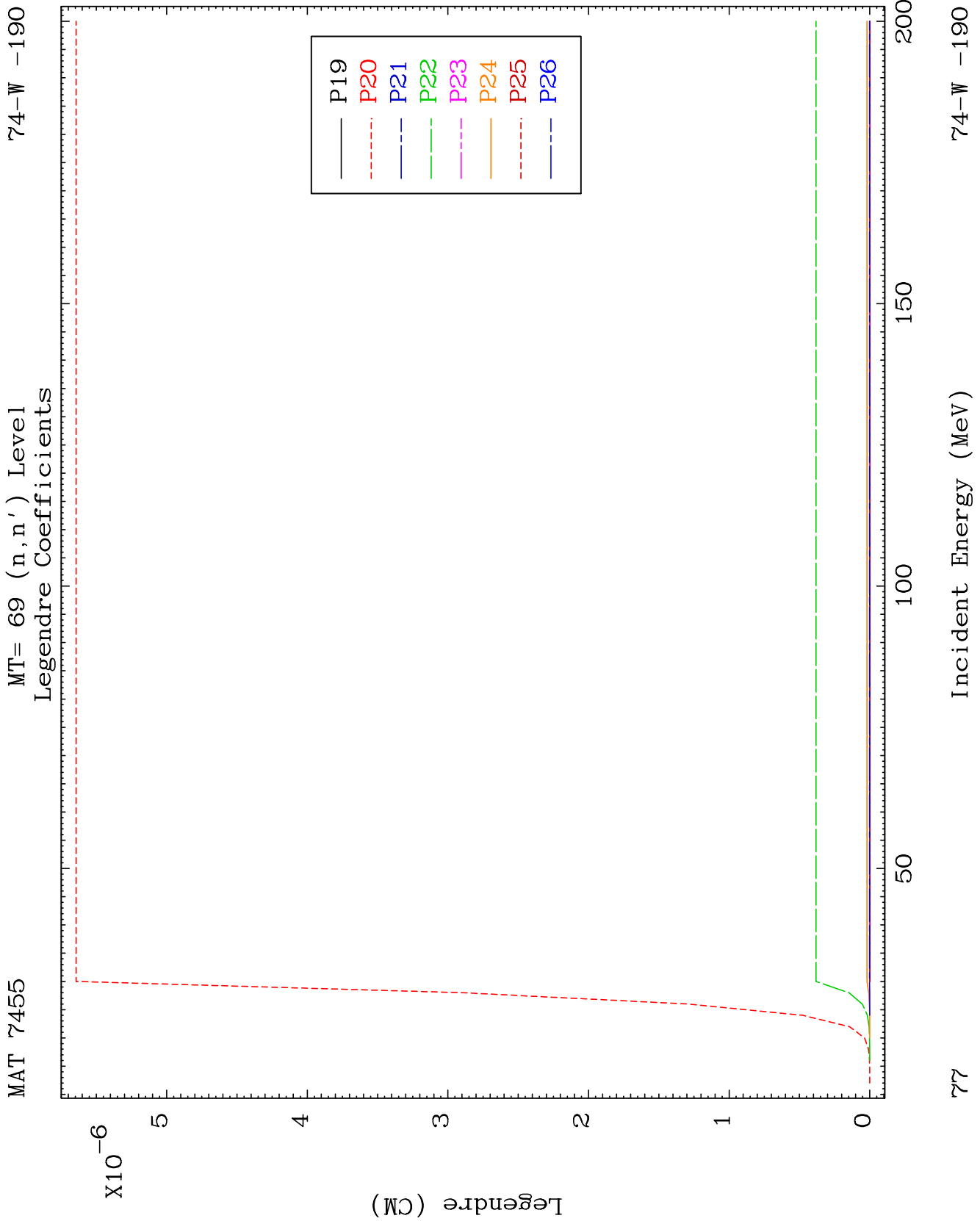
74-W -190



76

Incident Energy (MeV)

74-W -190

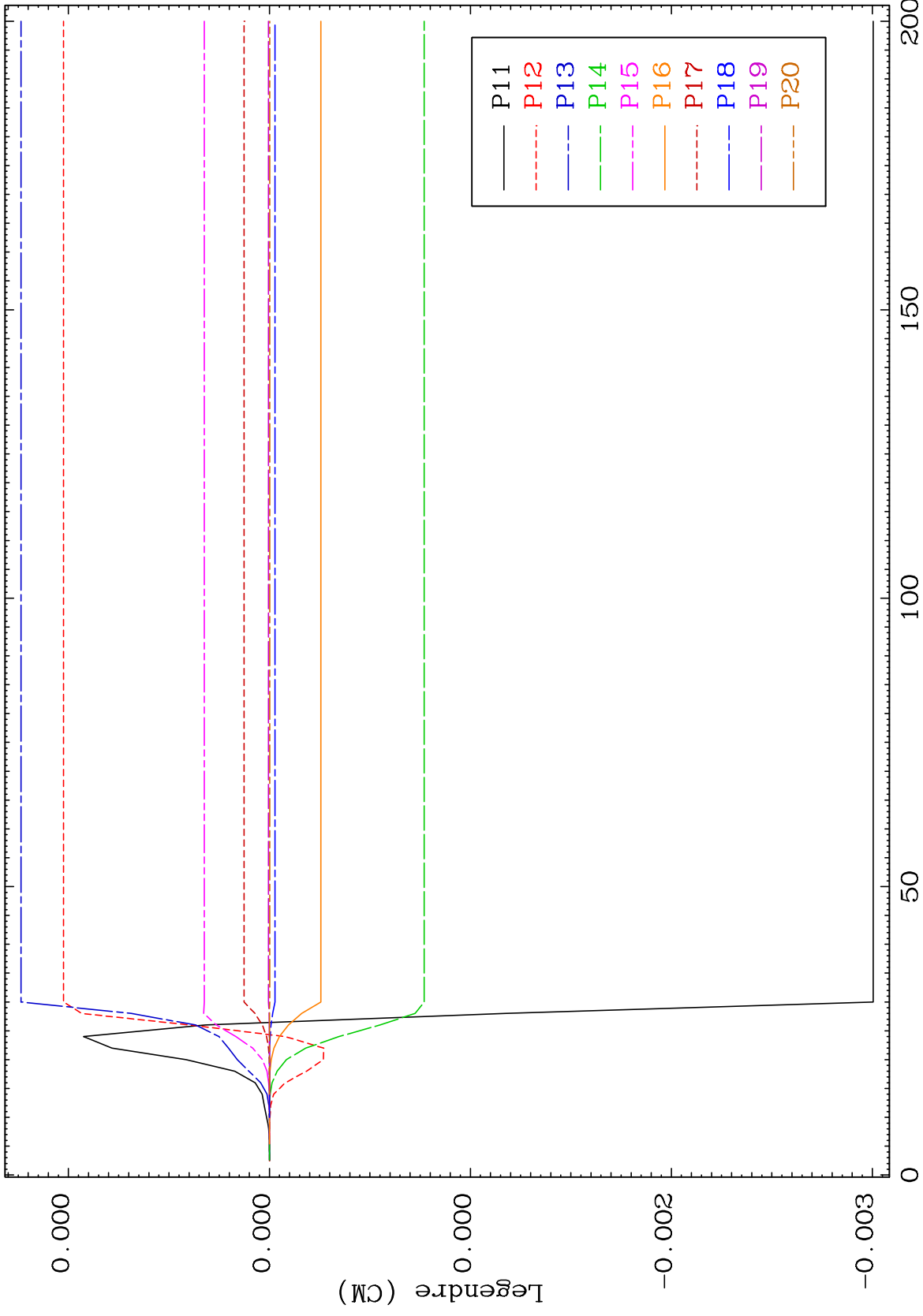




MAT 7455

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

74-W -190

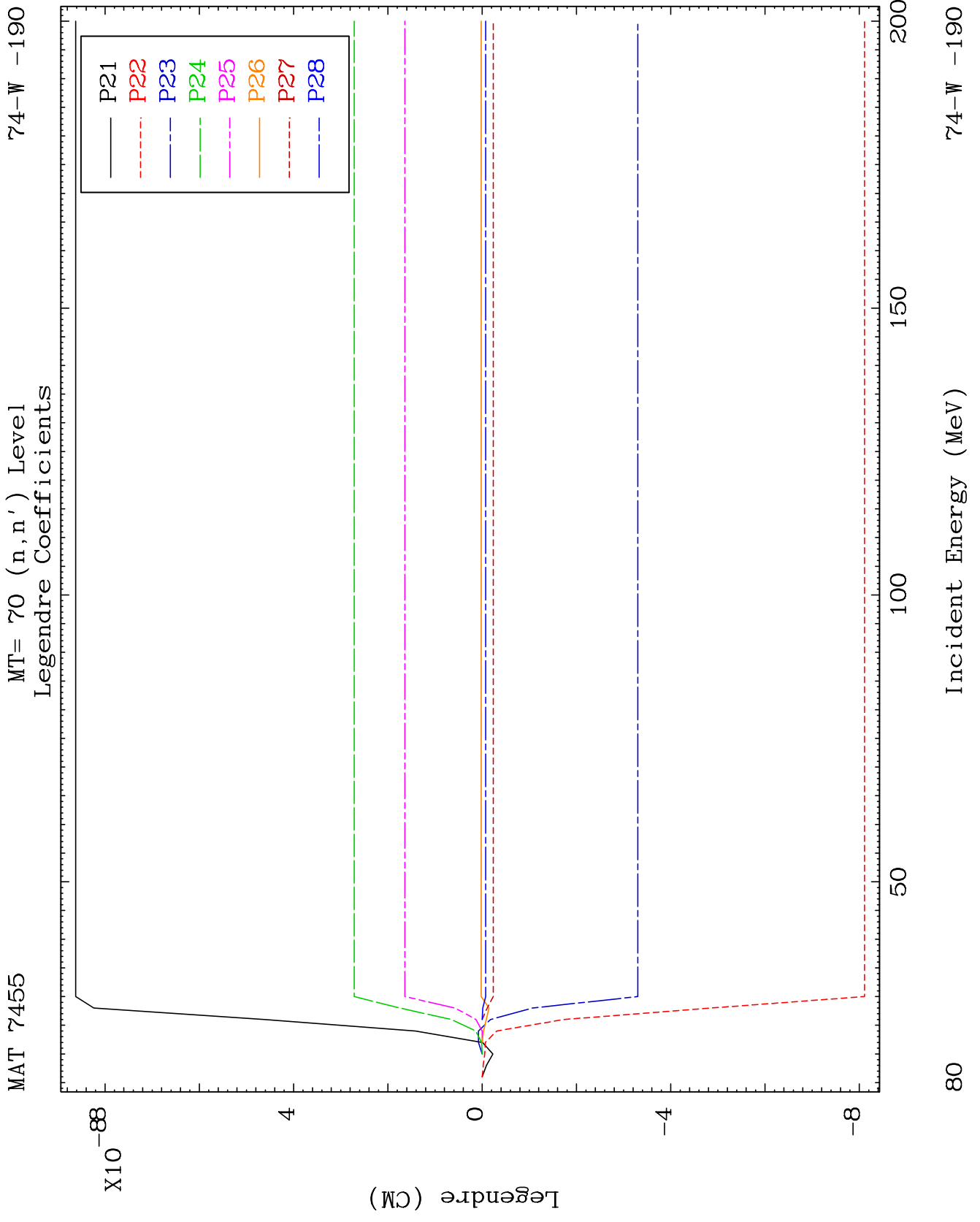


79

Incident Energy (MeV)

74-W -190

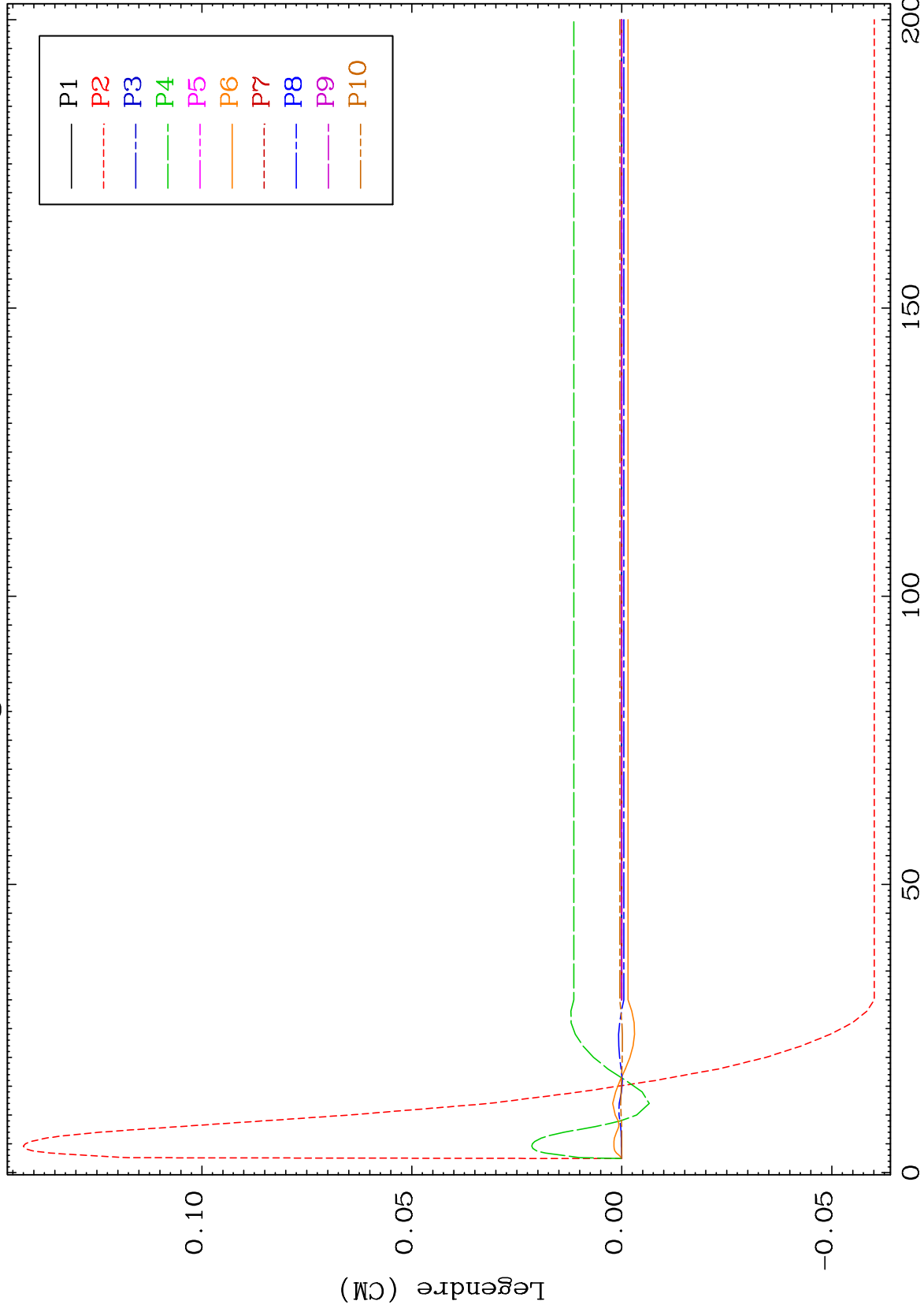




MAT 7455

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

74-W -190



81

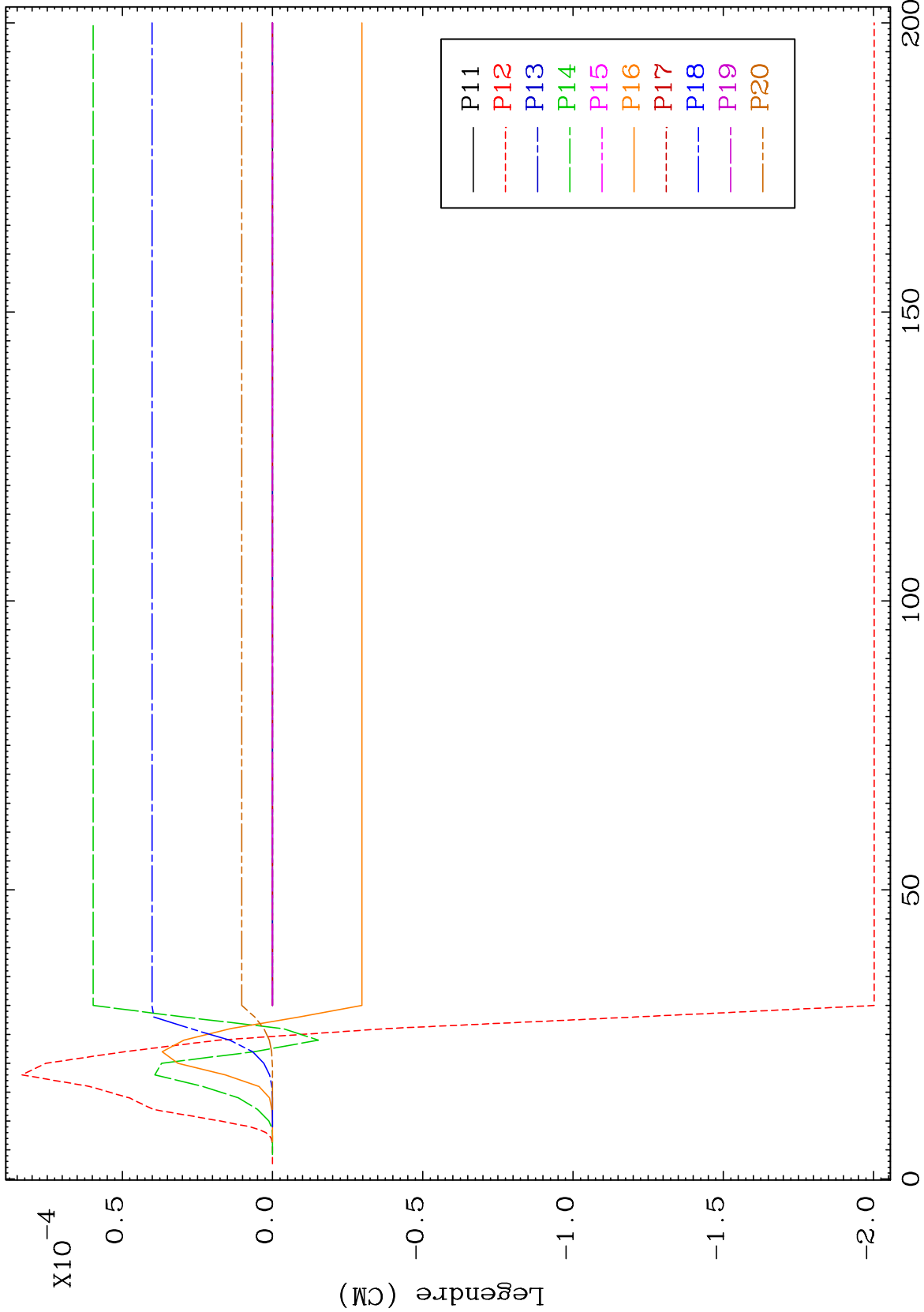
Incident Energy (MeV)

74-W -190

MAT 7455

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

74-W -190



82

Incident Energy (MeV)

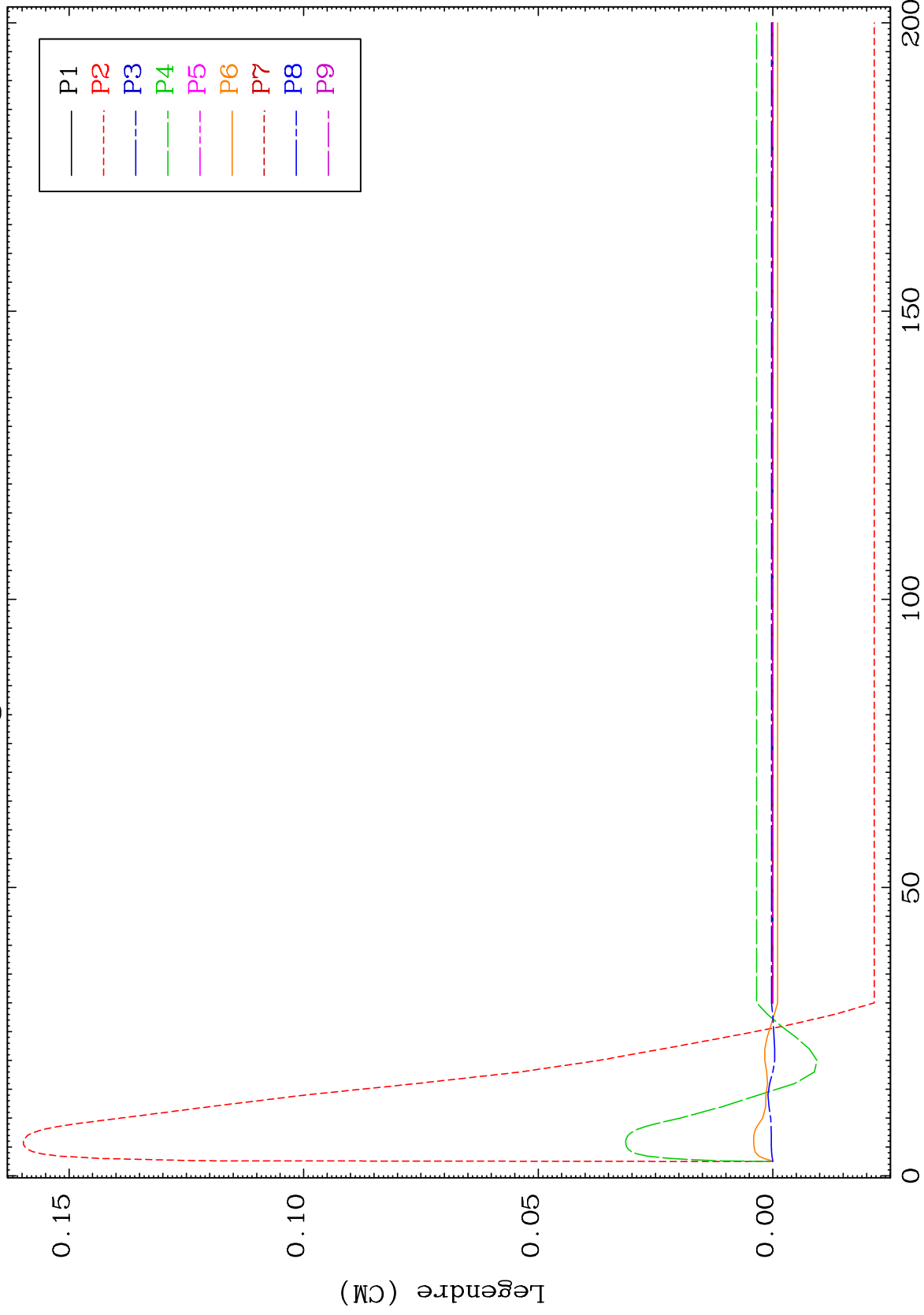
74-W -190



MAT 7455

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

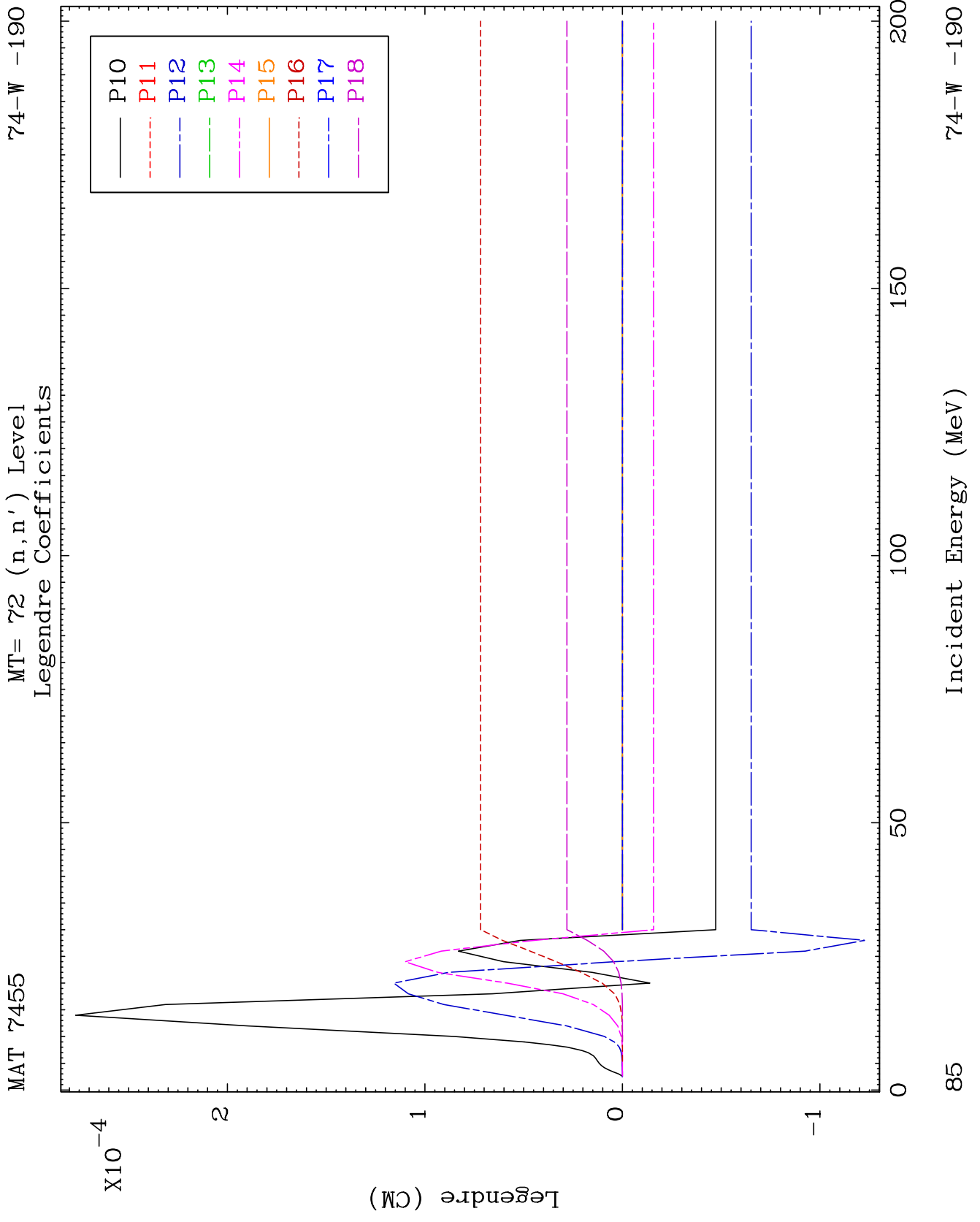
74-W -190

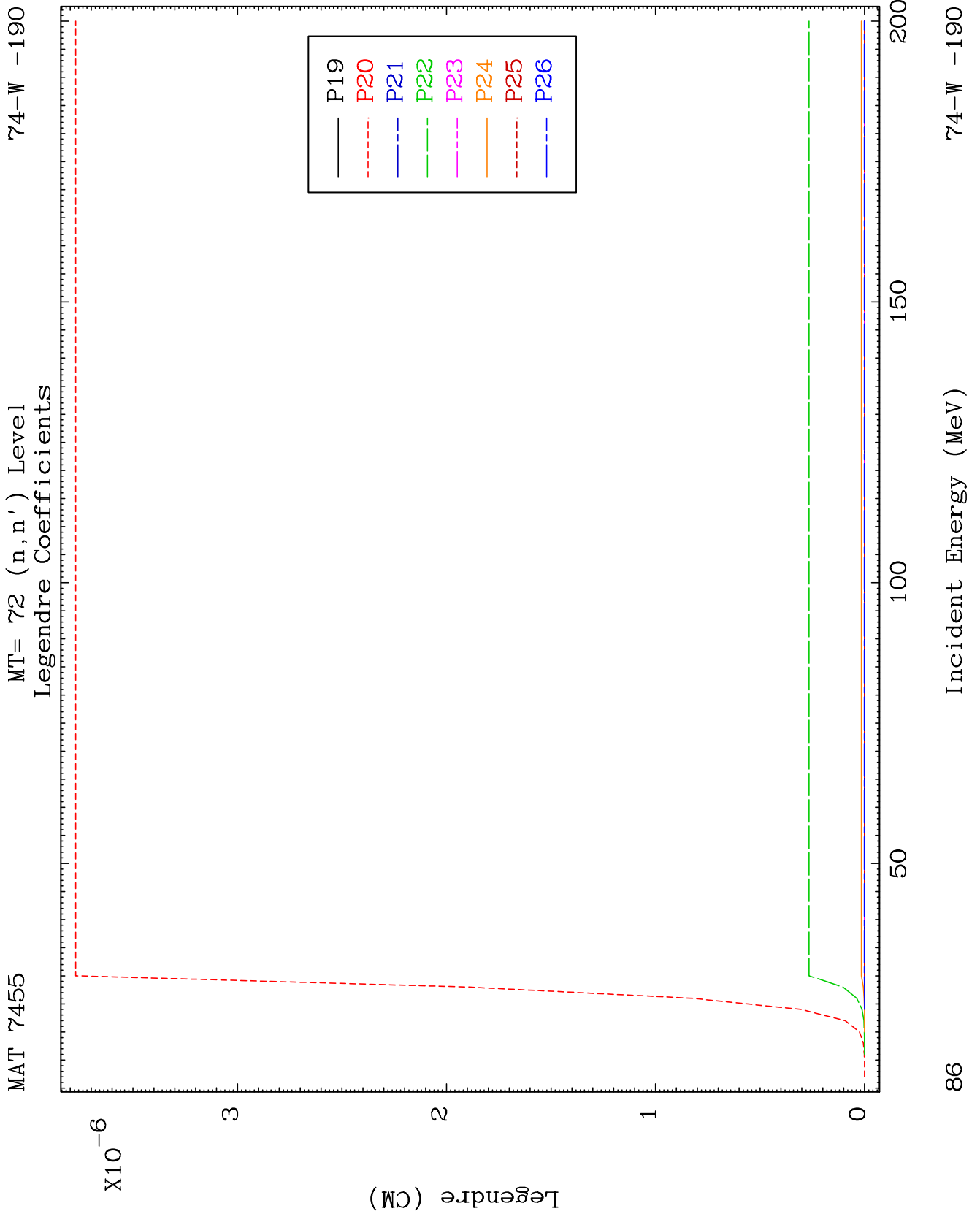


84

Incident Energy (MeV)

74-W -190



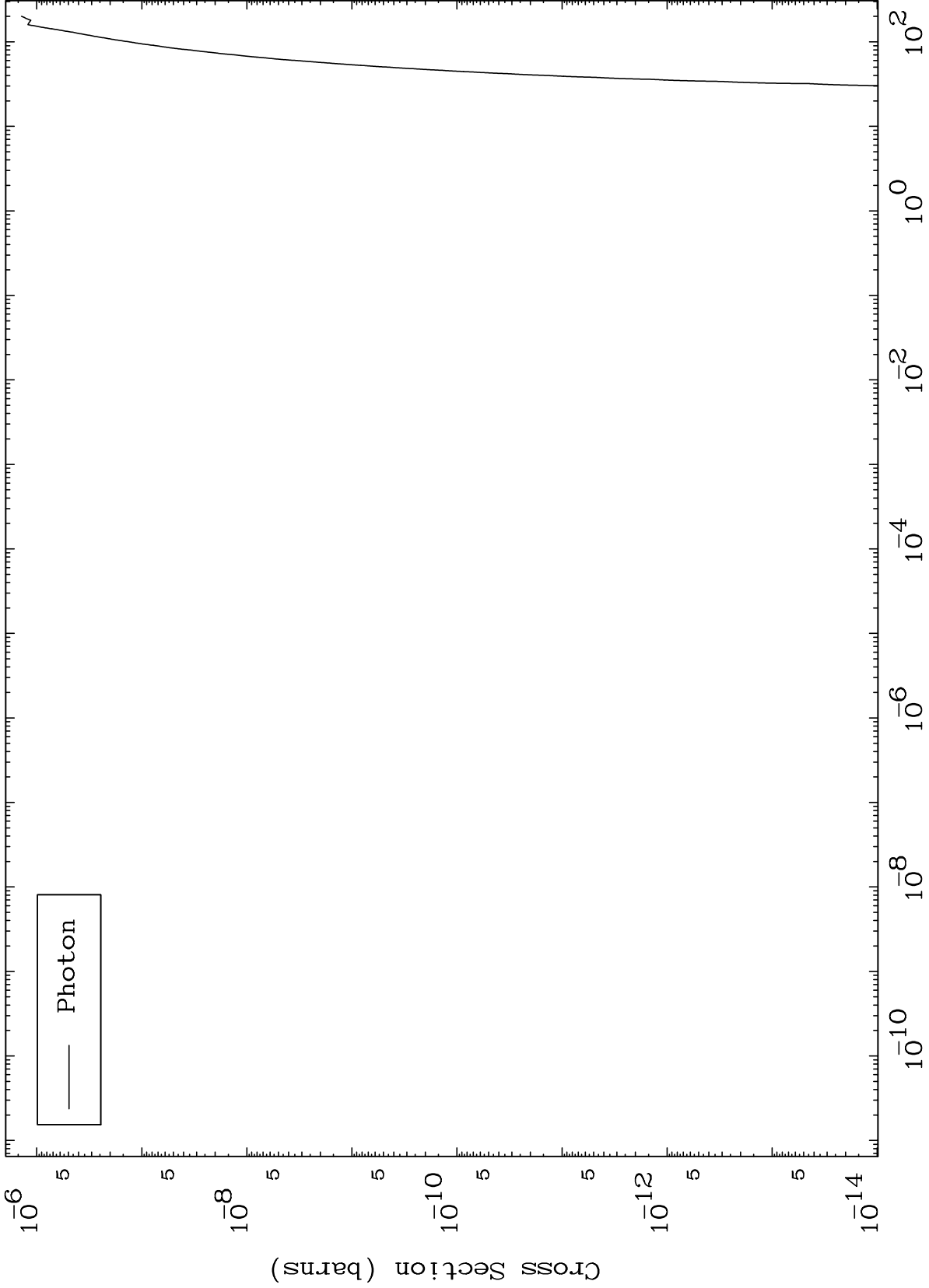


MAT 7455

Fission

74-W -190

Radionuclide Production Cross Section



87

Incident Energy (MeV)

74-W -190

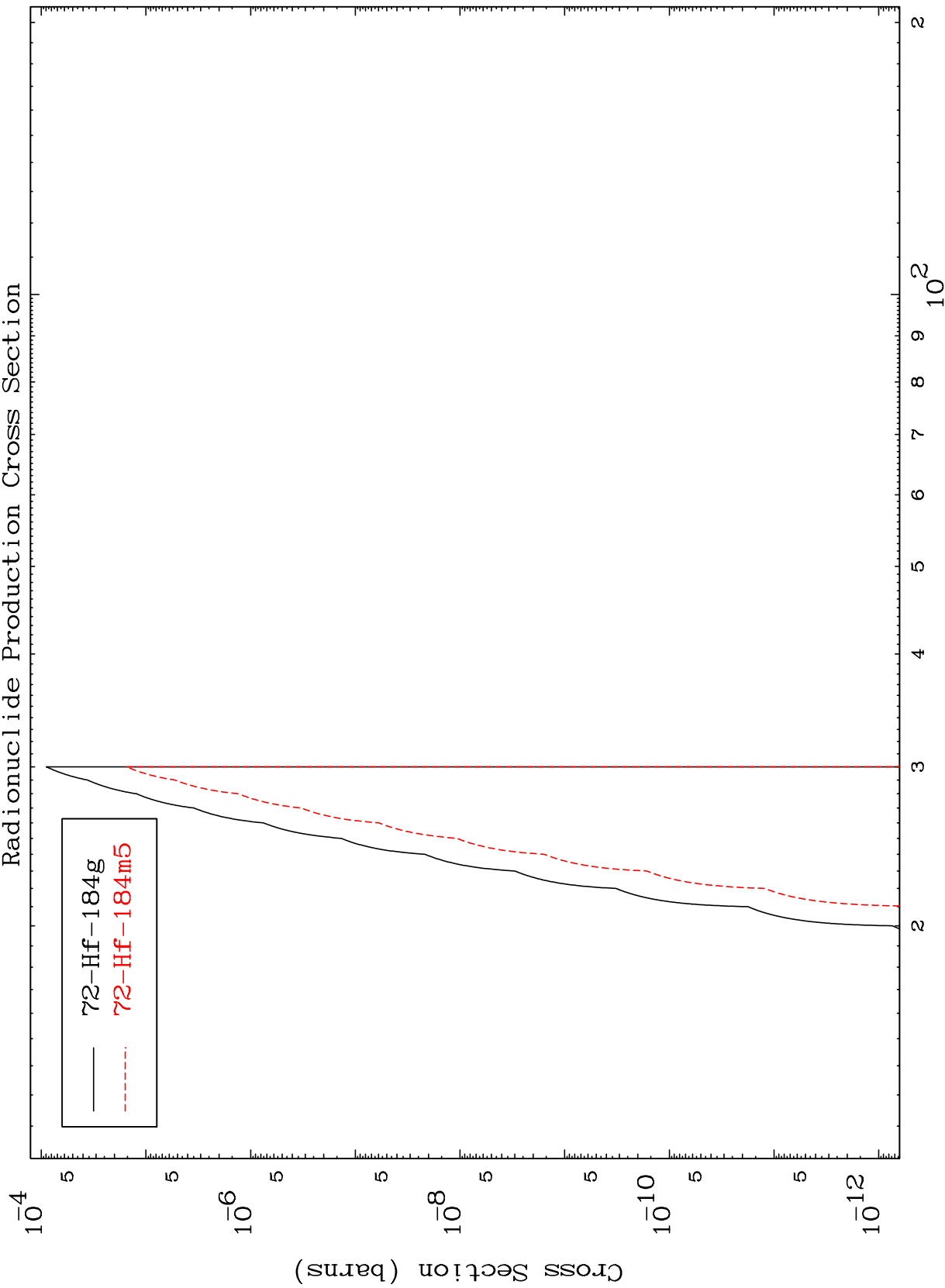


MAT 7455

(n,3n)  $\alpha$

74-W -190

Radionuclide Production Cross Section



72-Hf-184g  
72-Hf-184m5

Incident Energy (MeV)

74-W -190

88