

Program EVALPLOT
(Version 2018-1)

by

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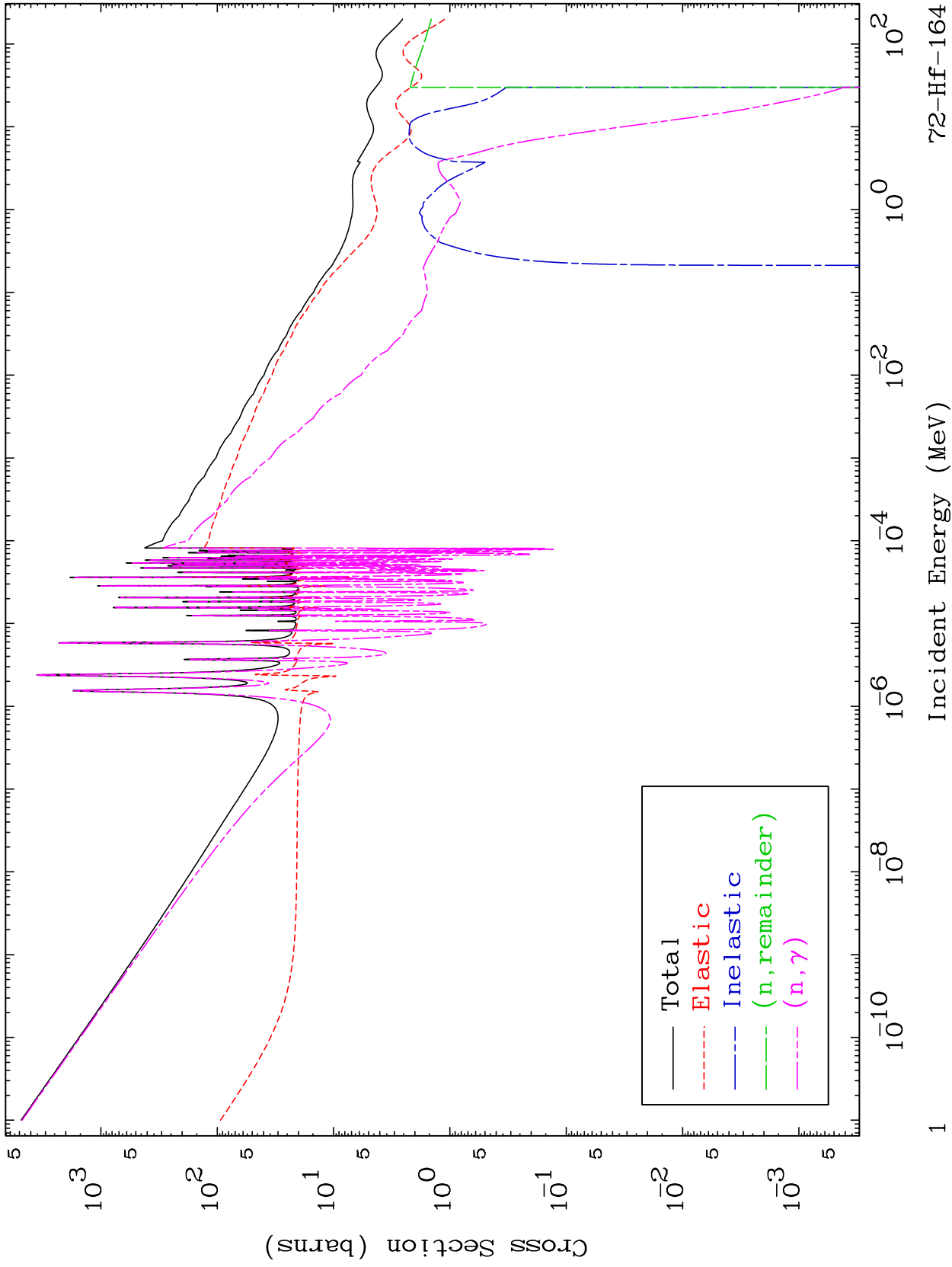
Press Mouse Button to Start

MAT 7195

Major

293 Kelvin Cross Sections

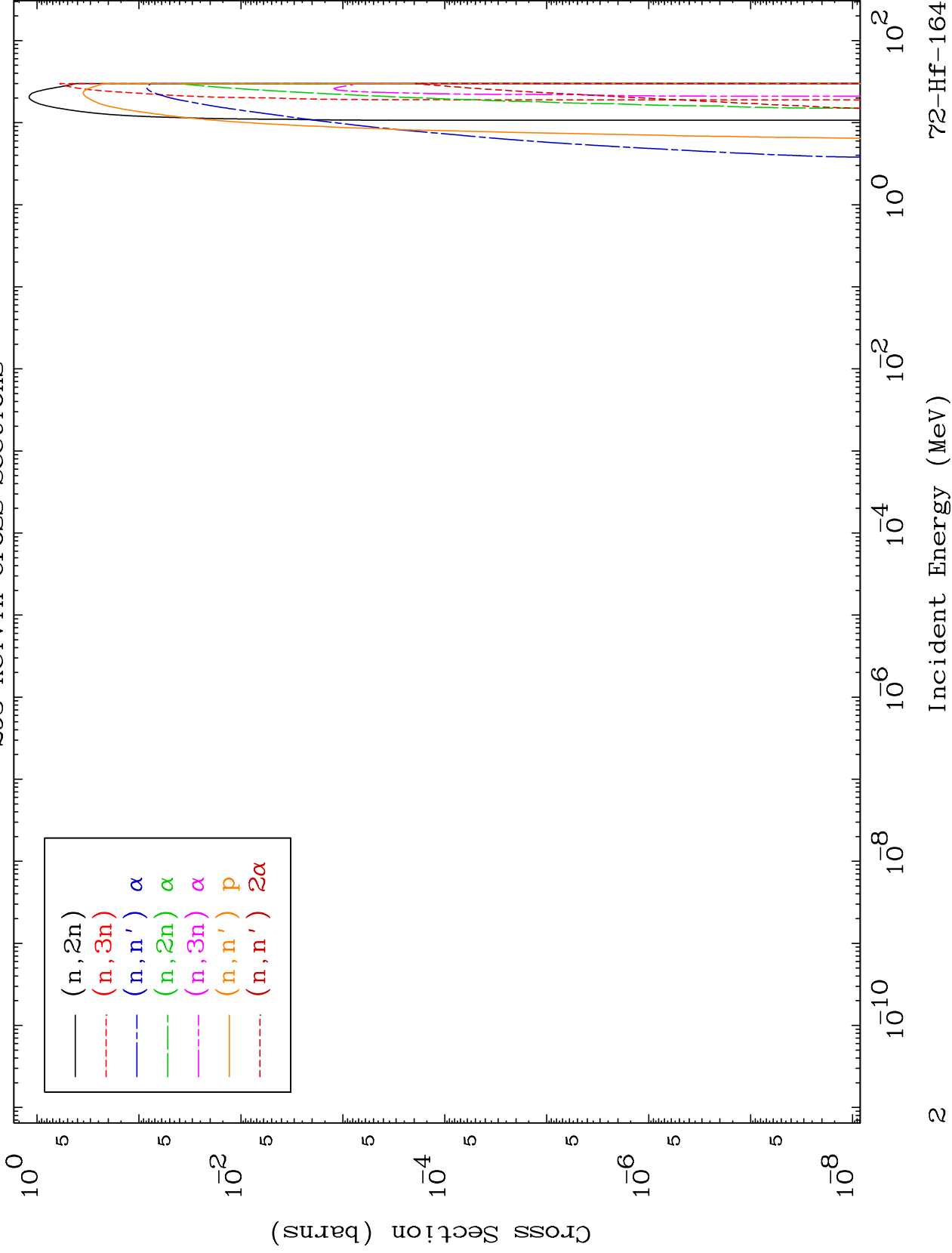
72-Hf-164

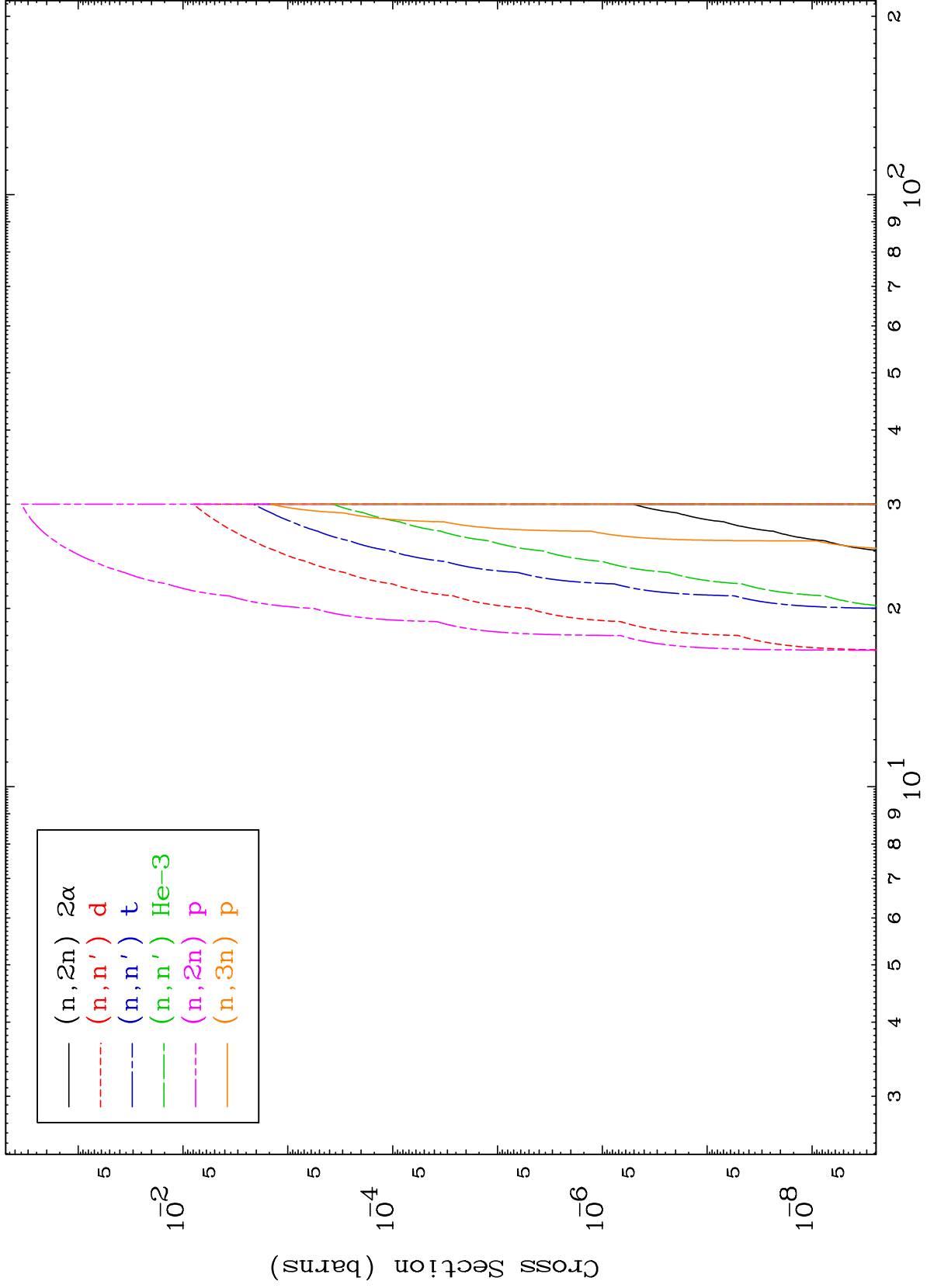


MAT 7195

Neutron Production
293 Kelvin Cross Sections

72-Hf-164

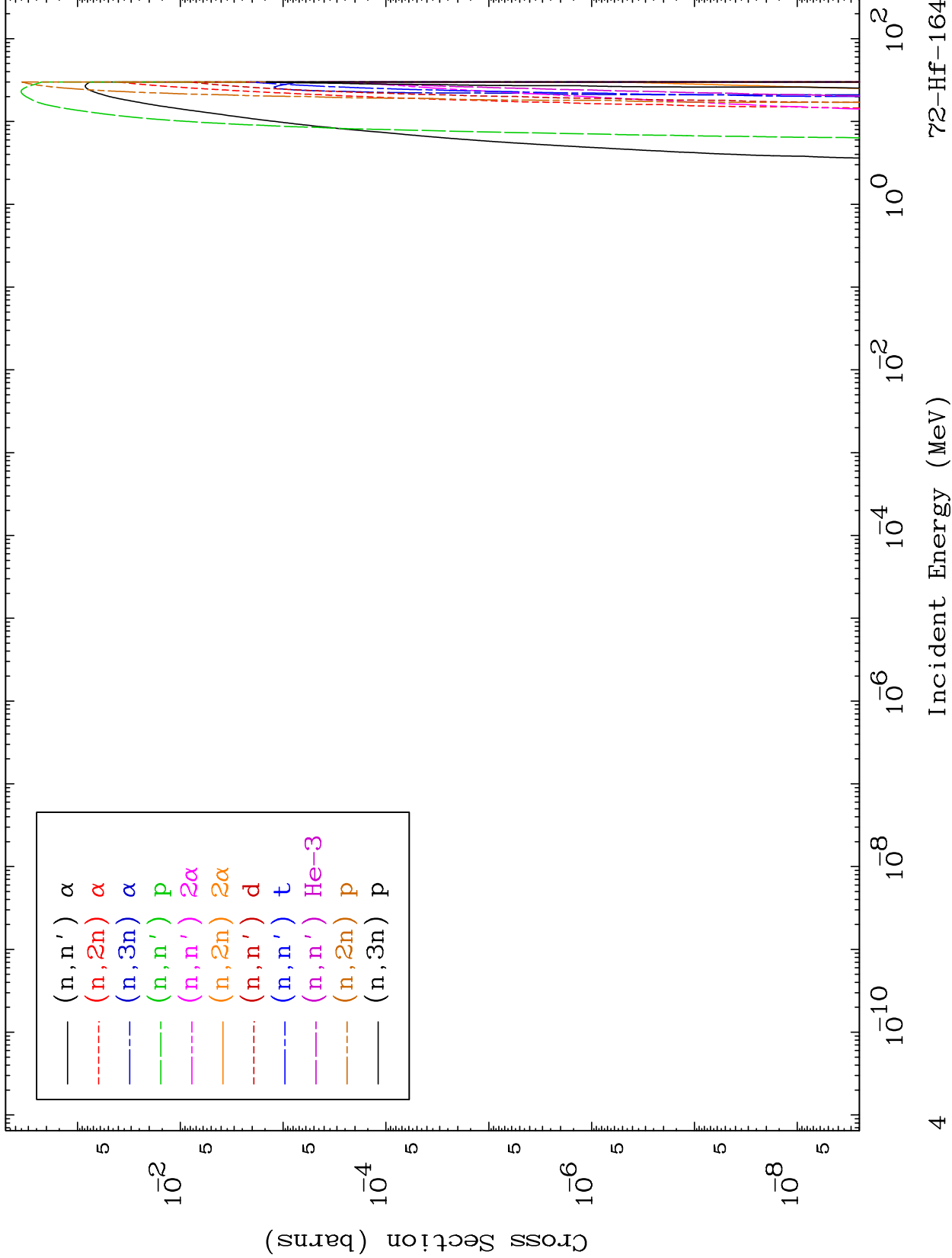




MAT 7195

Charged Particle
293 Kelvin Cross Sections

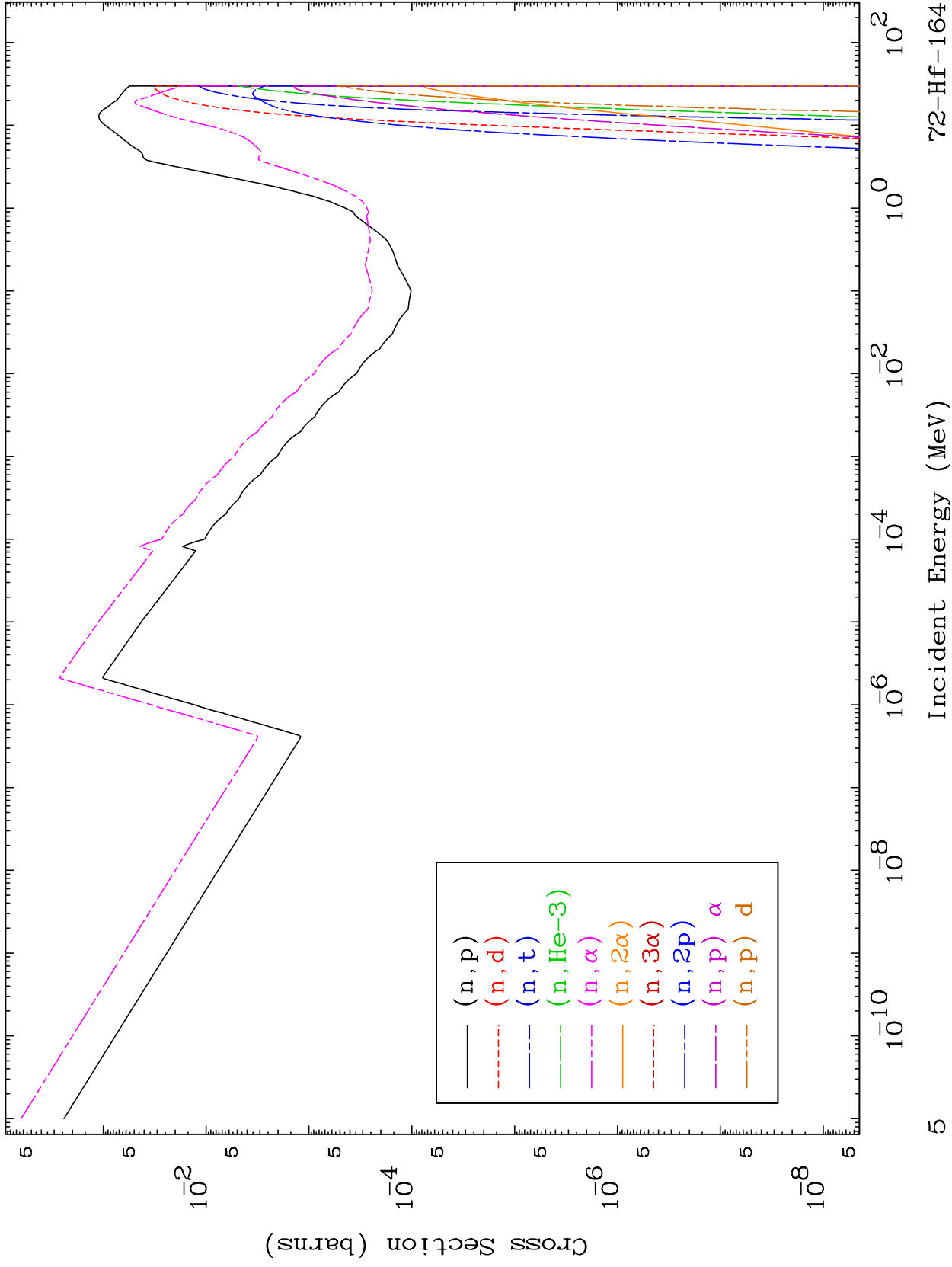
72-Hf-164



MAT 7195

Charged Particle
293 Kelvin Cross Sections

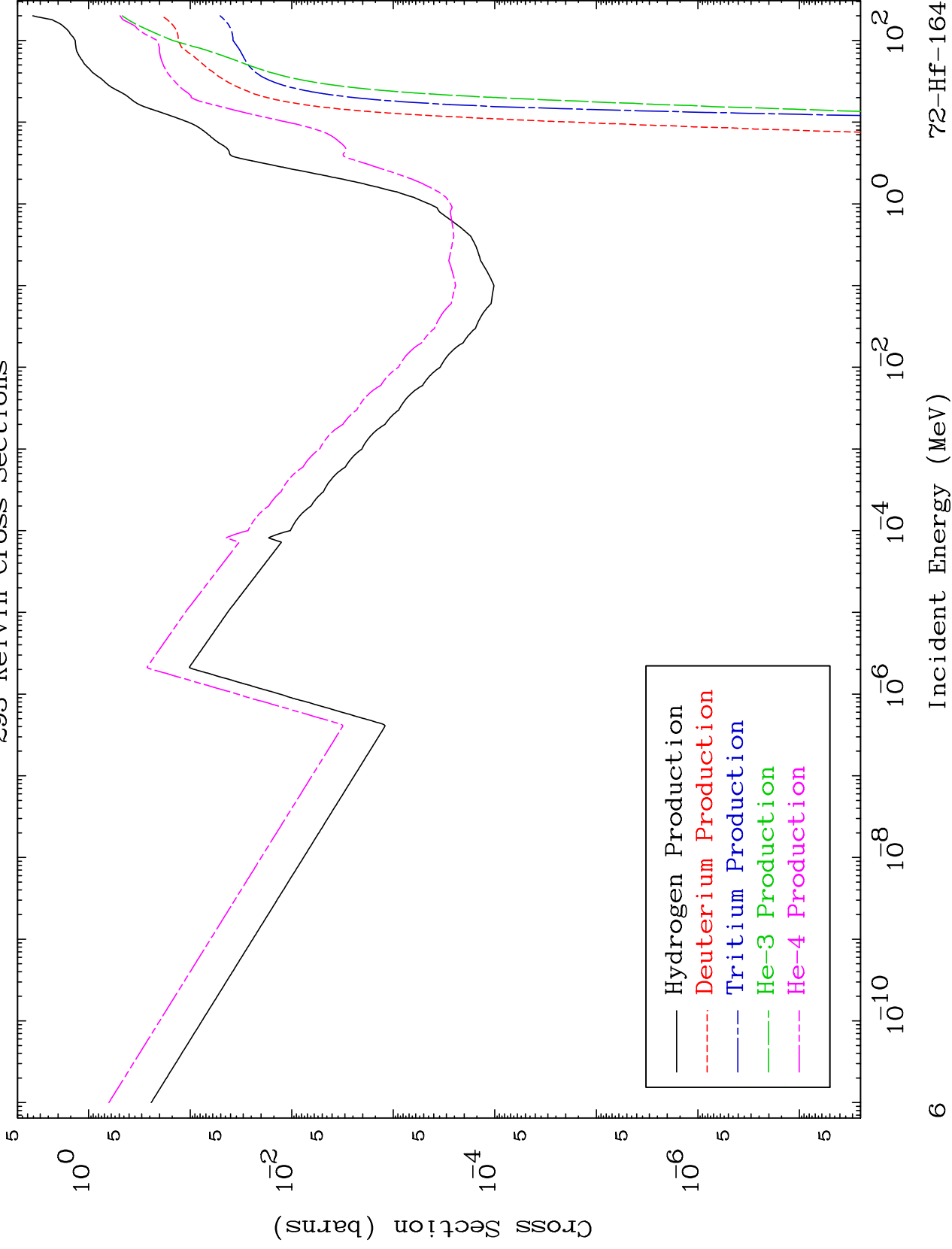
72-Hf-164



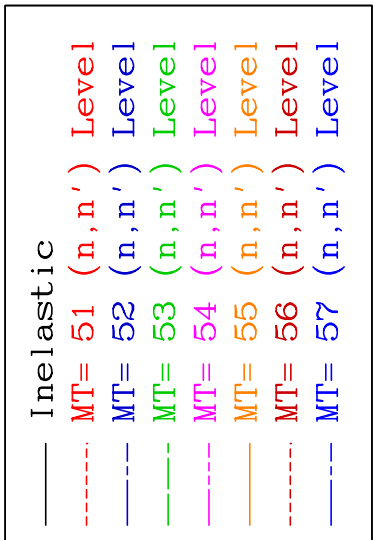
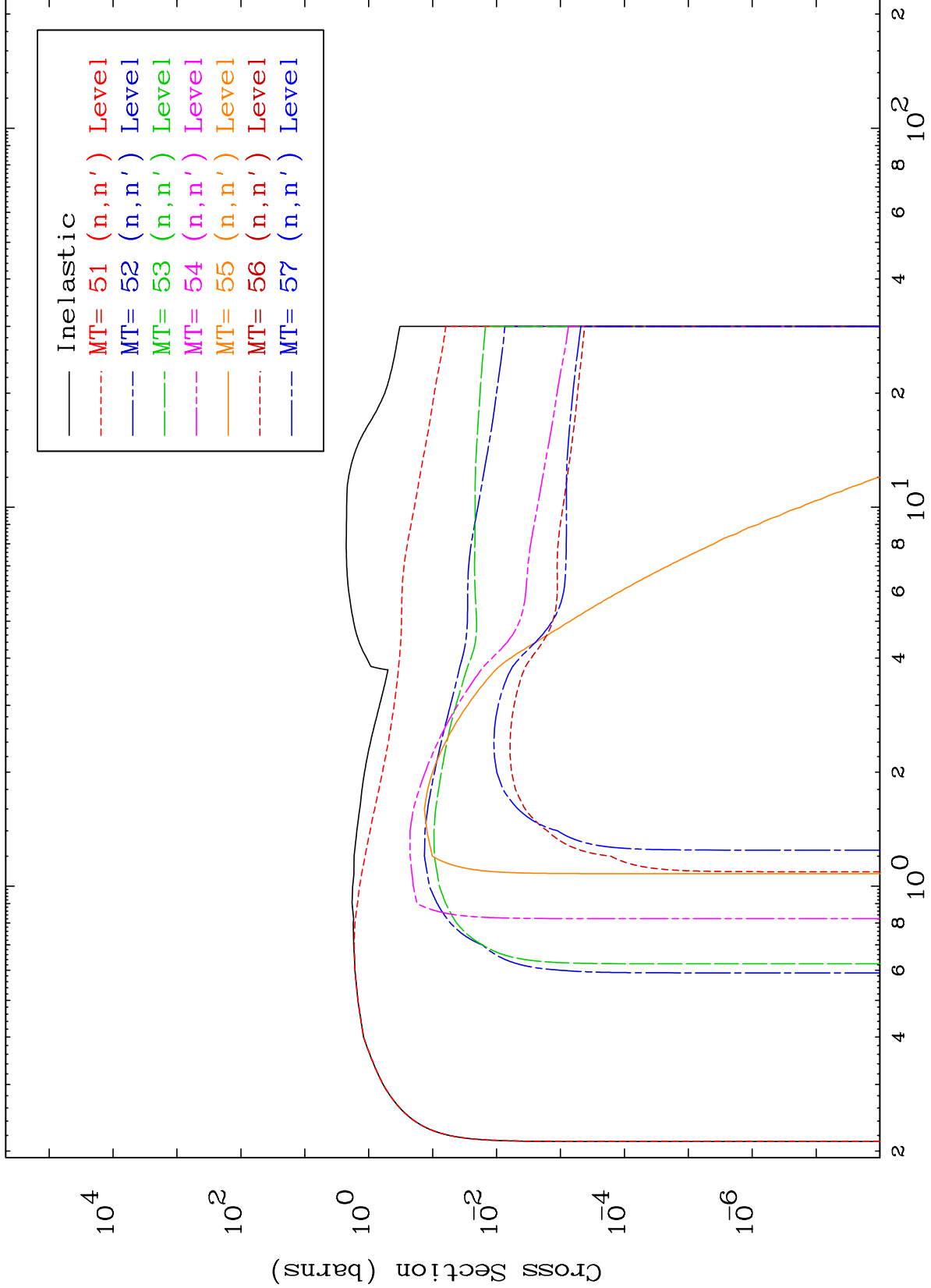
MAT 7195

Particle Production
293 Kelvin Cross Sections

72-Hf-164



293 Kelvin Cross Sections

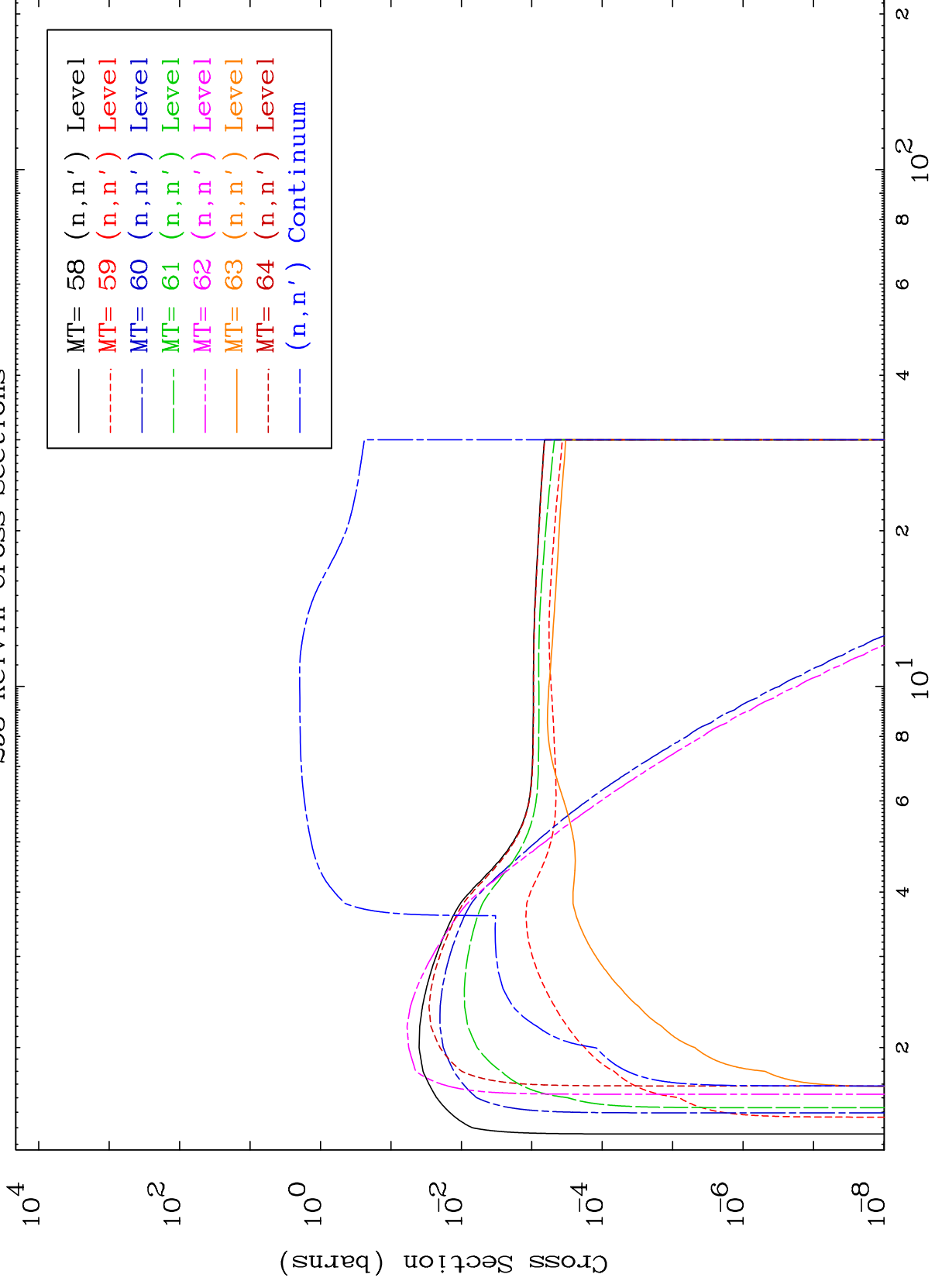


MAT 7195

(n,n') Level

72-Hf-164

293 Kelvin Cross Sections



8

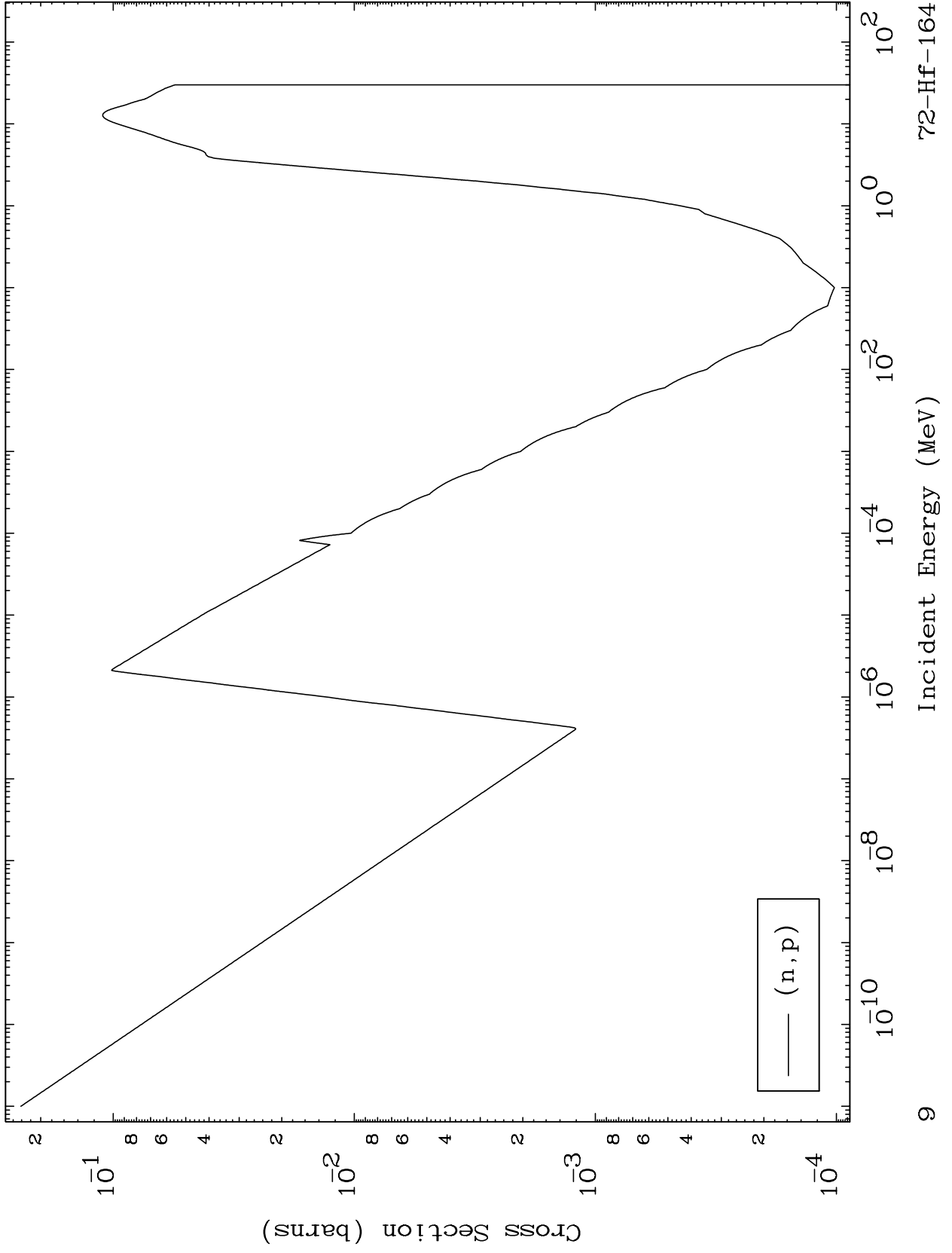
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,p) Levels
293 Kelvin Cross Sections

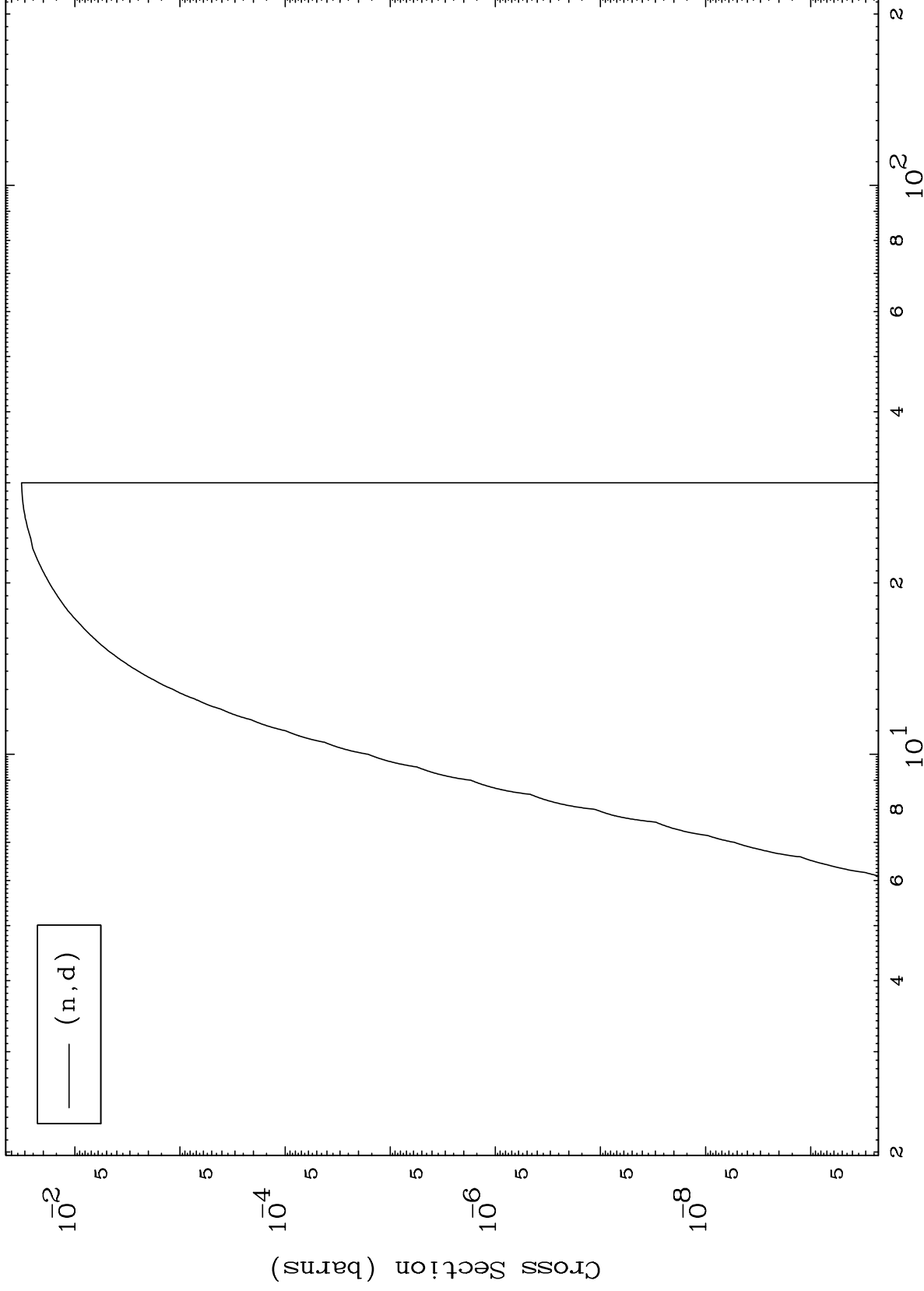
72-Hf-164



MAT 7195

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-164



10

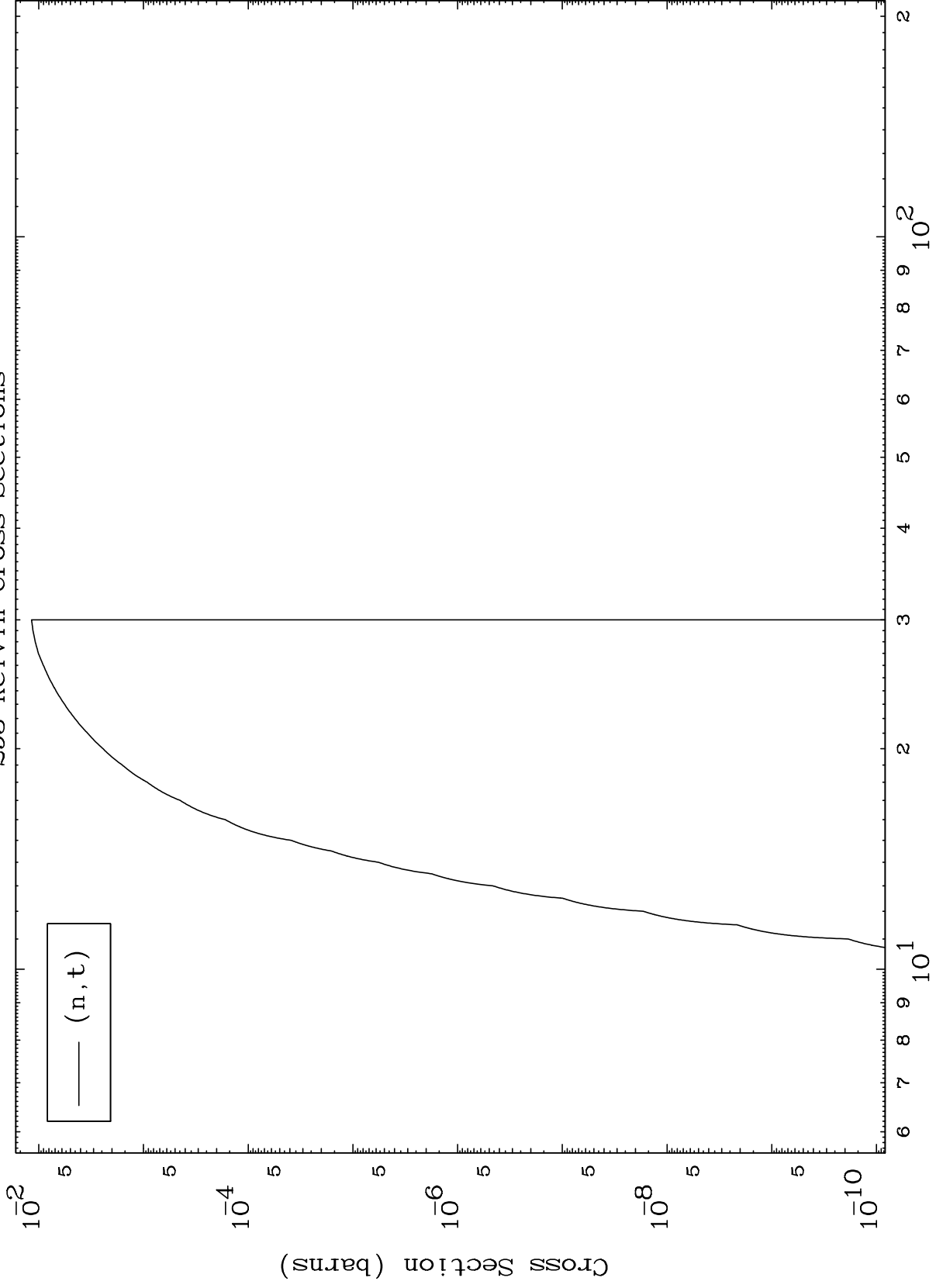
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n, t) Levels
293 Kelvin Cross Sections

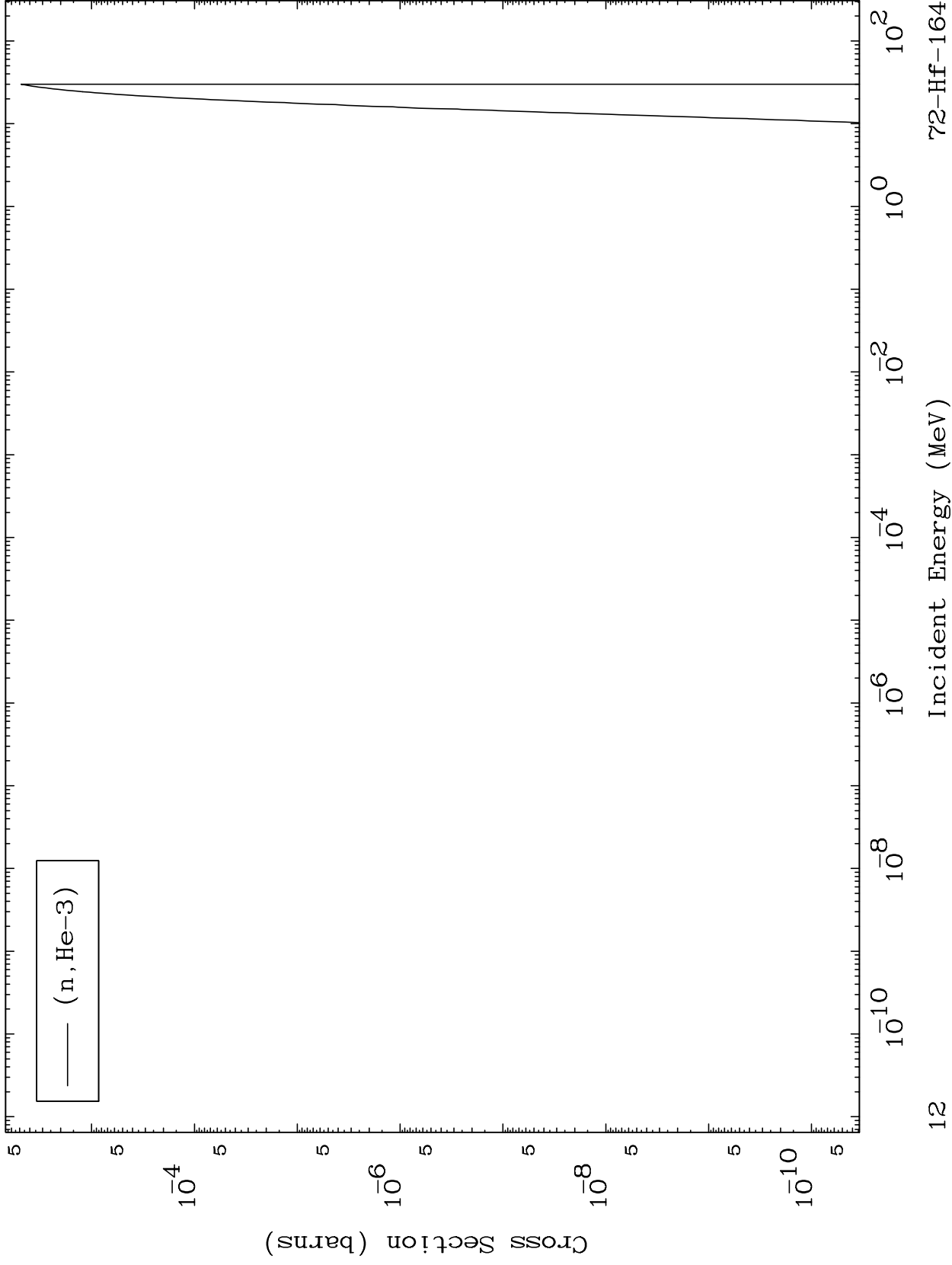
72-Hf-164



MAT 7195

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-164



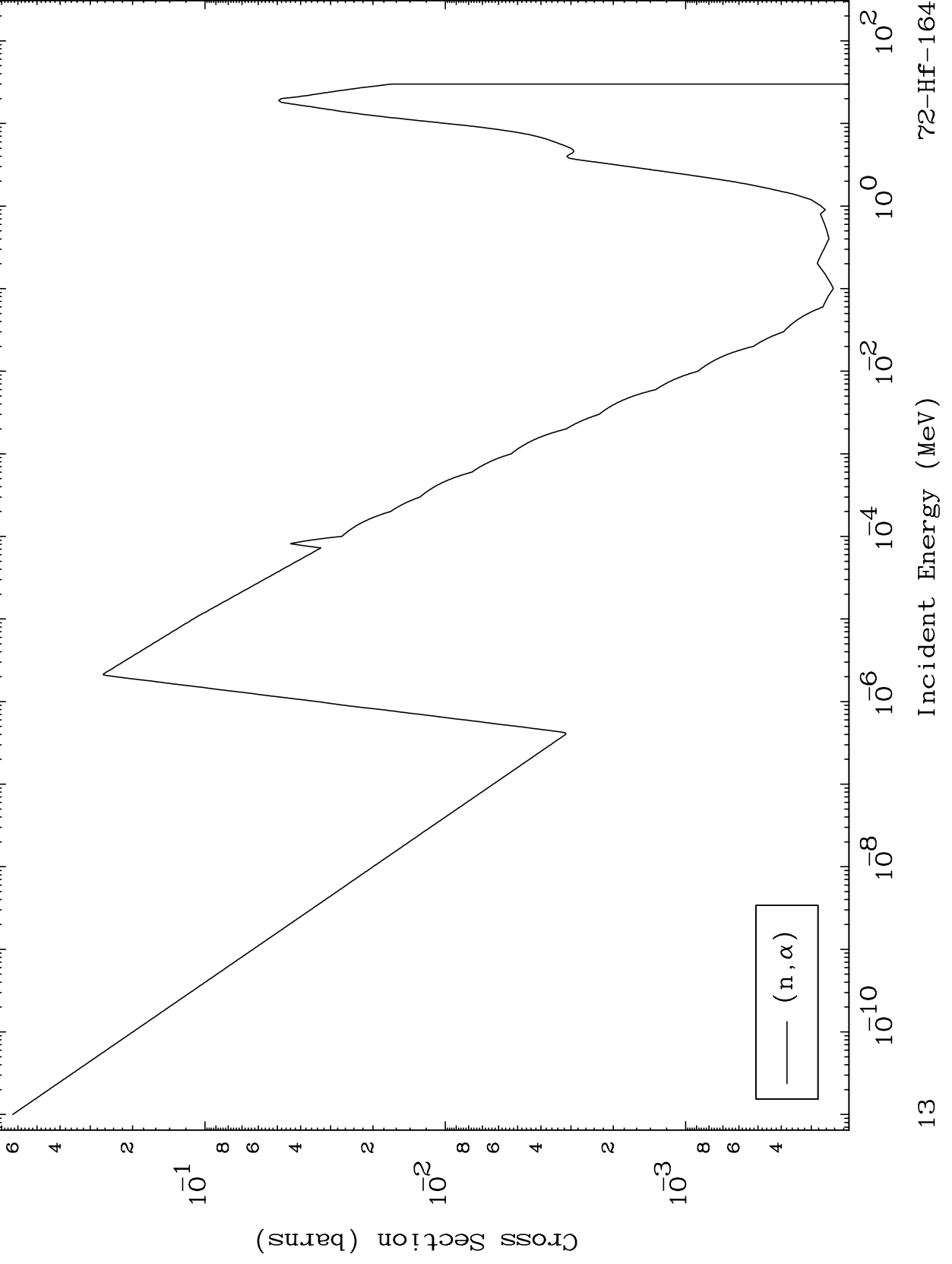
12

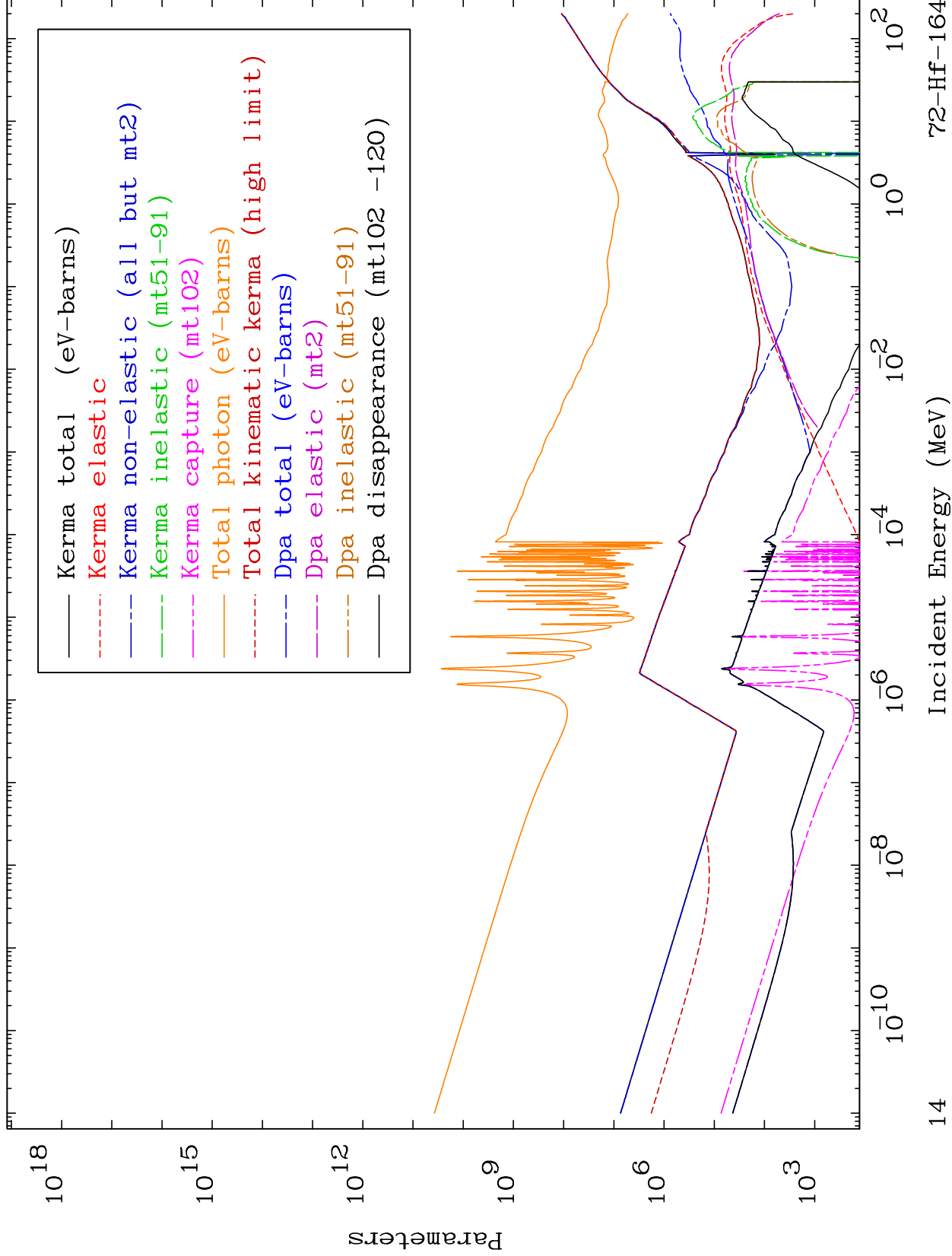
72-Hf-164

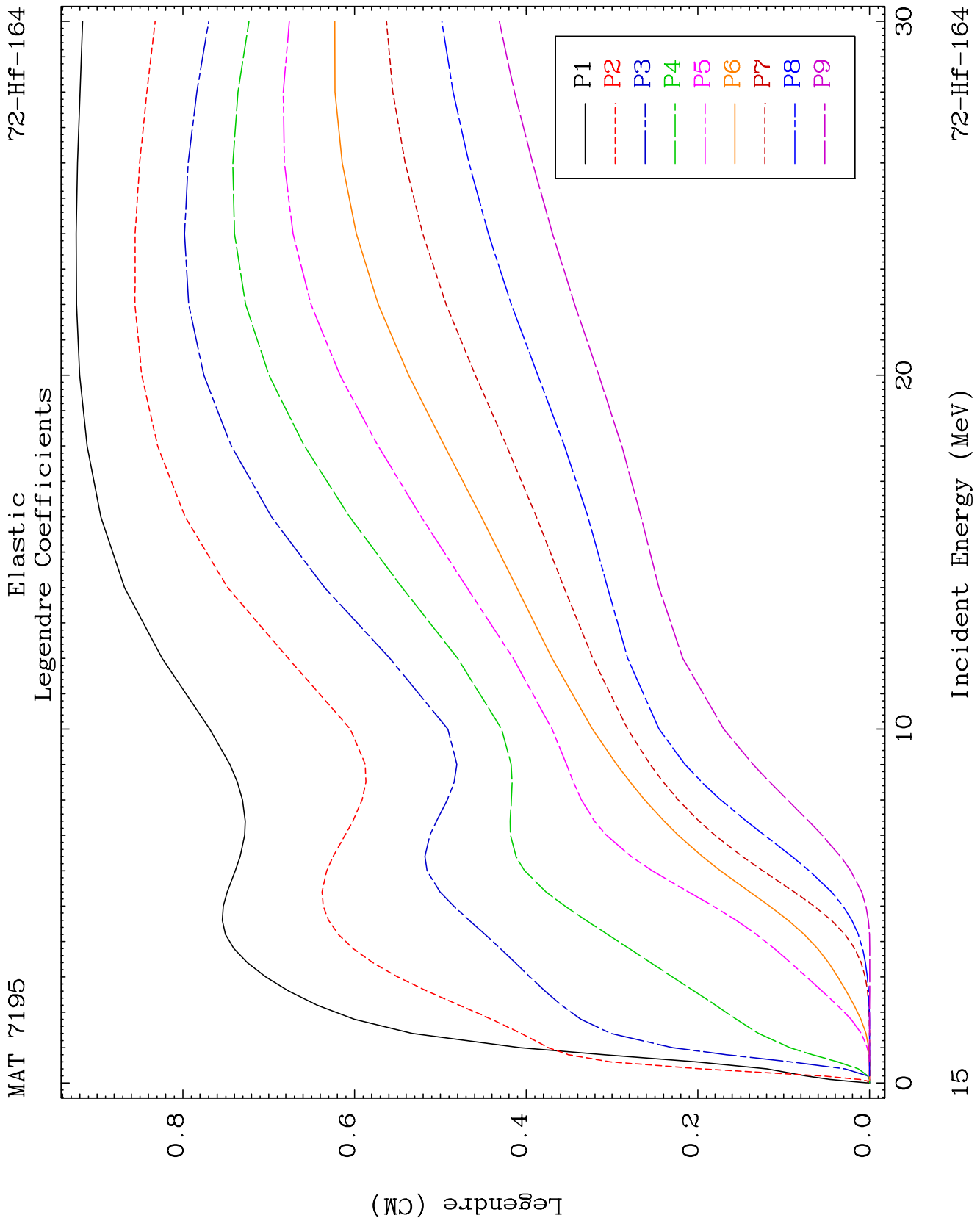
MAT 7195

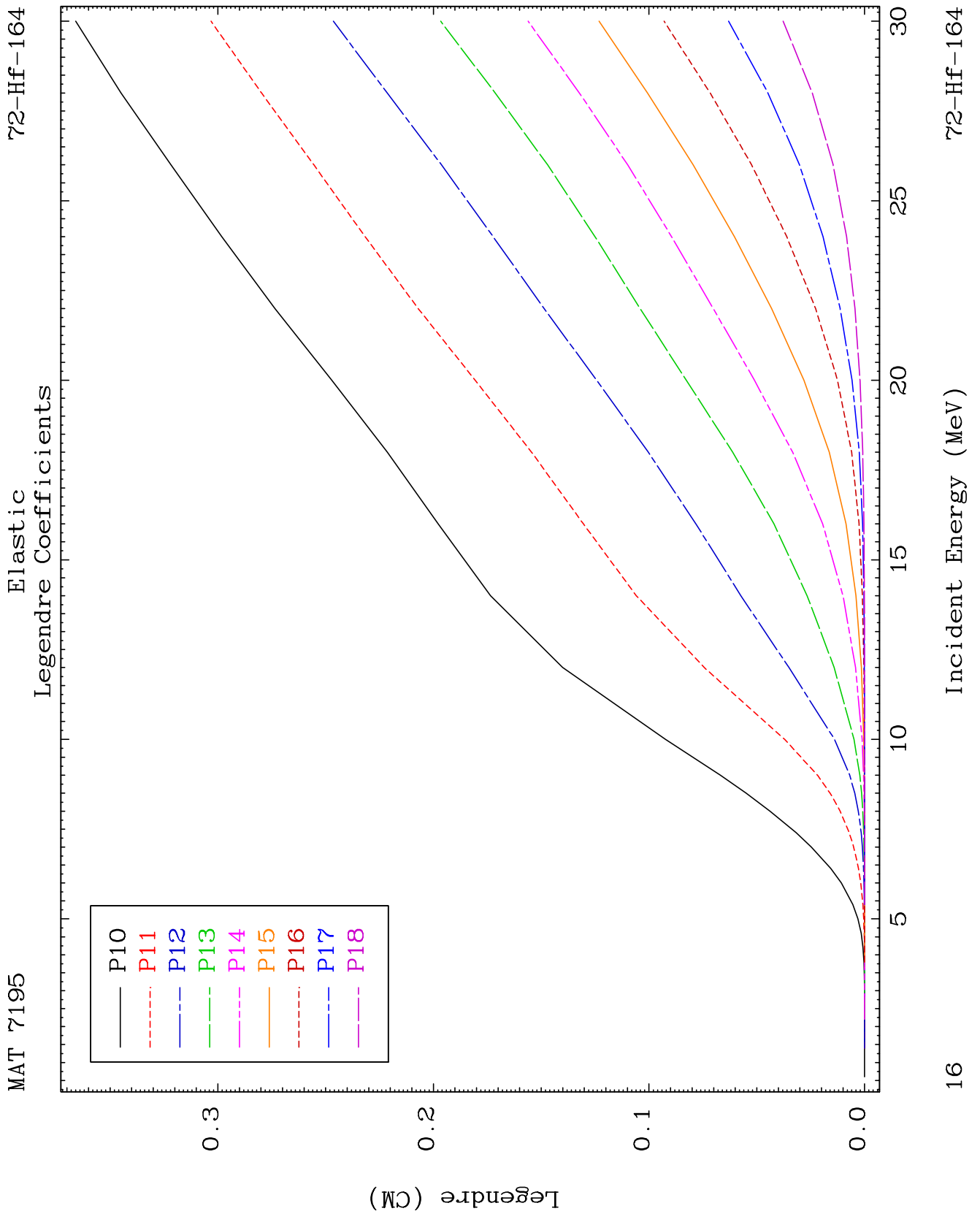
(n, α) Levels
293 Kelvin Cross Sections

72-Hf-164





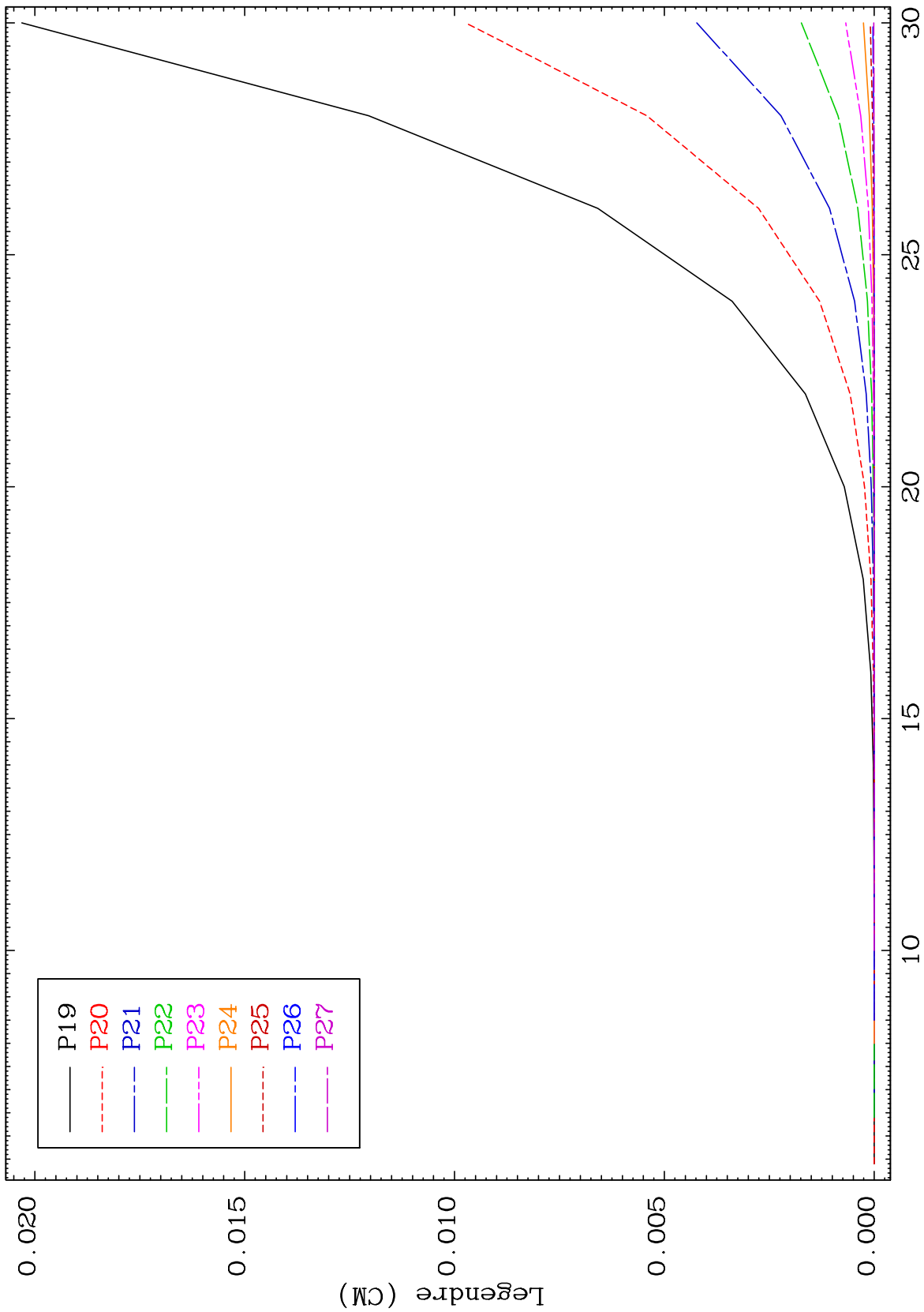




MAT 7195

Elastic
Legendre Coefficients

72-Hf-164



17

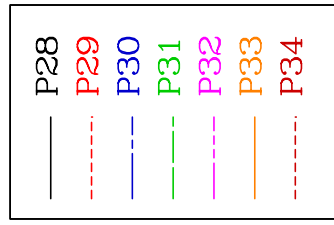
Incident Energy (MeV)

72-Hf-164

MAT 7195

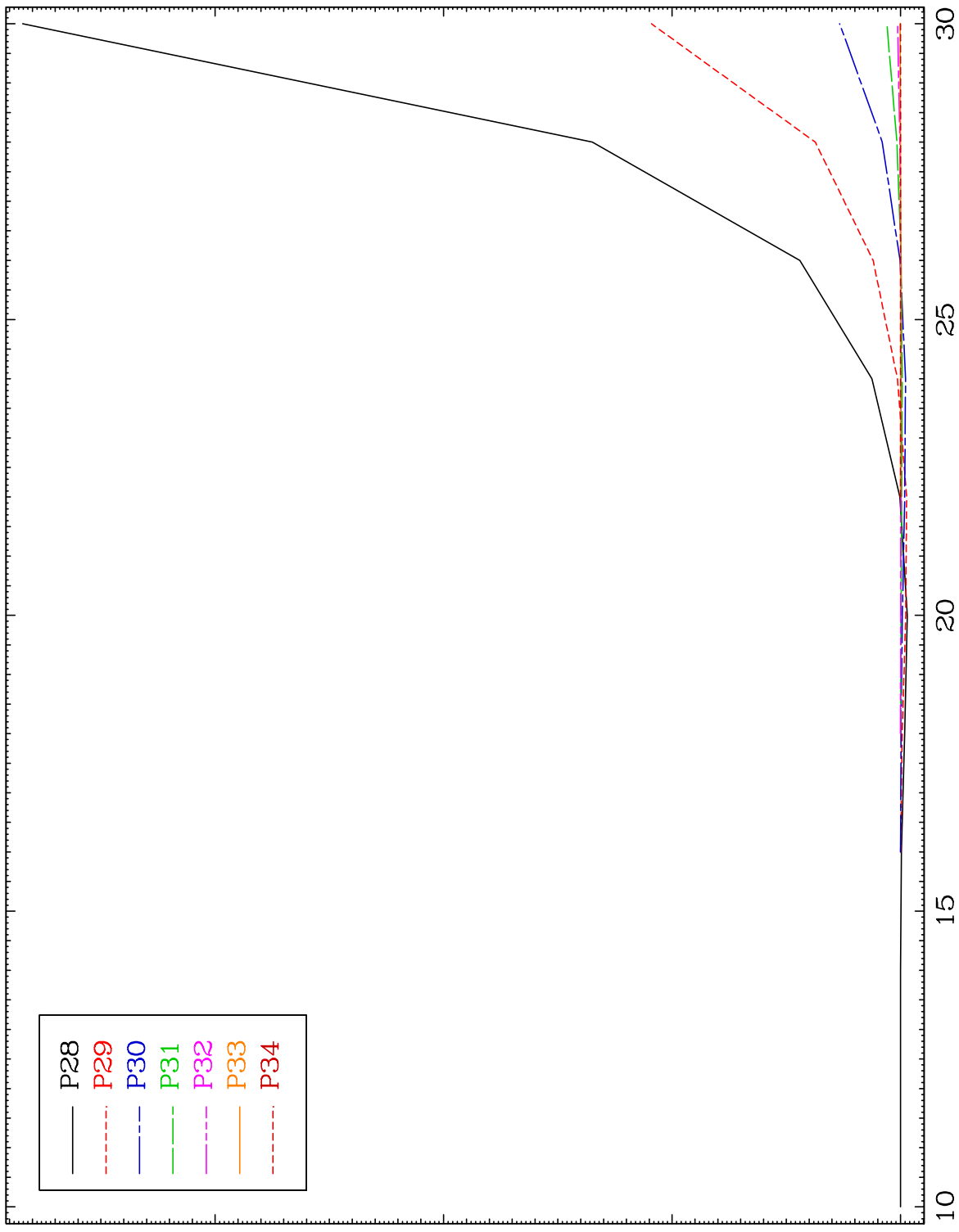
Elastic Legendre Coefficients

72-Hf-164



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

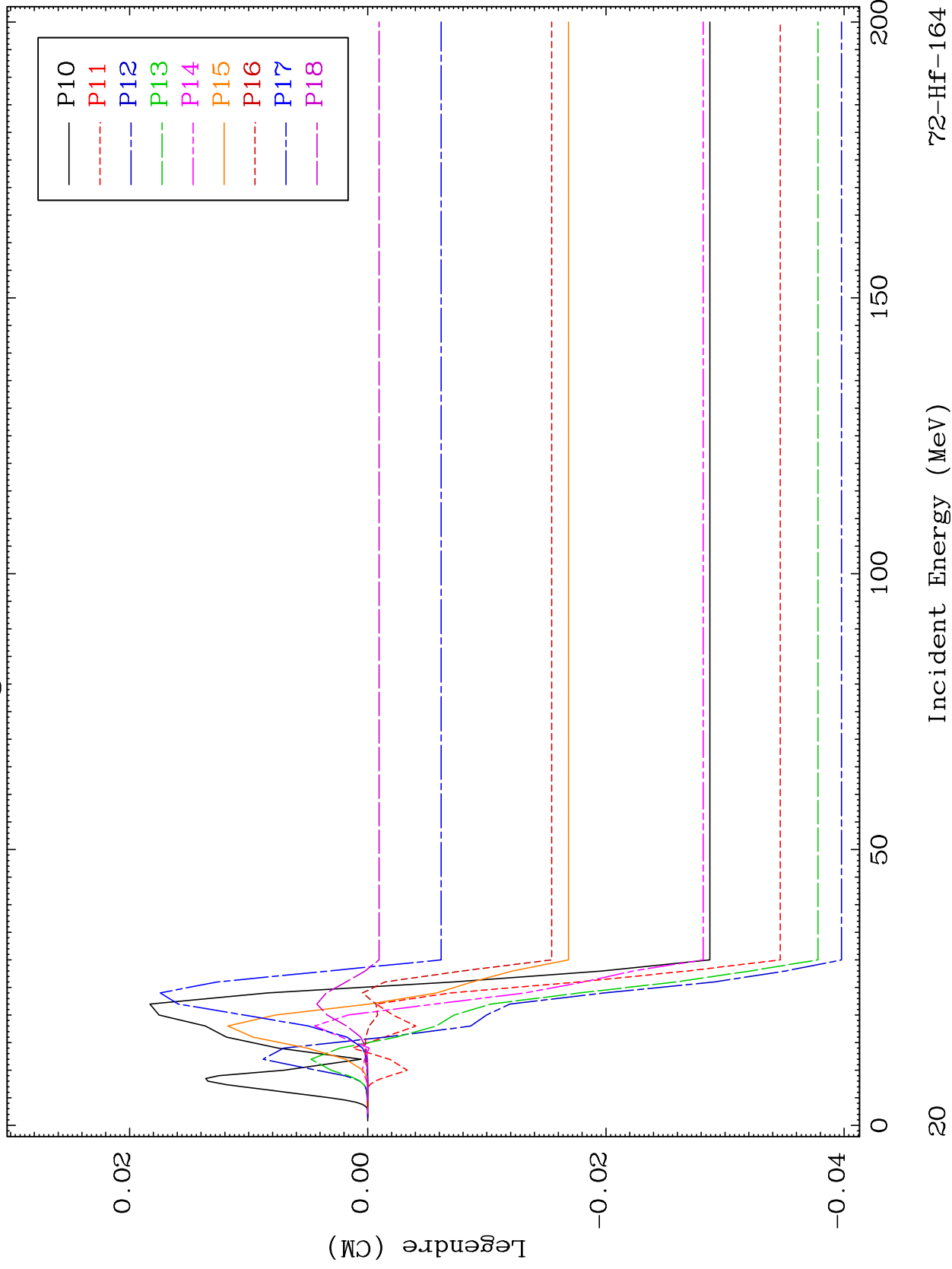
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

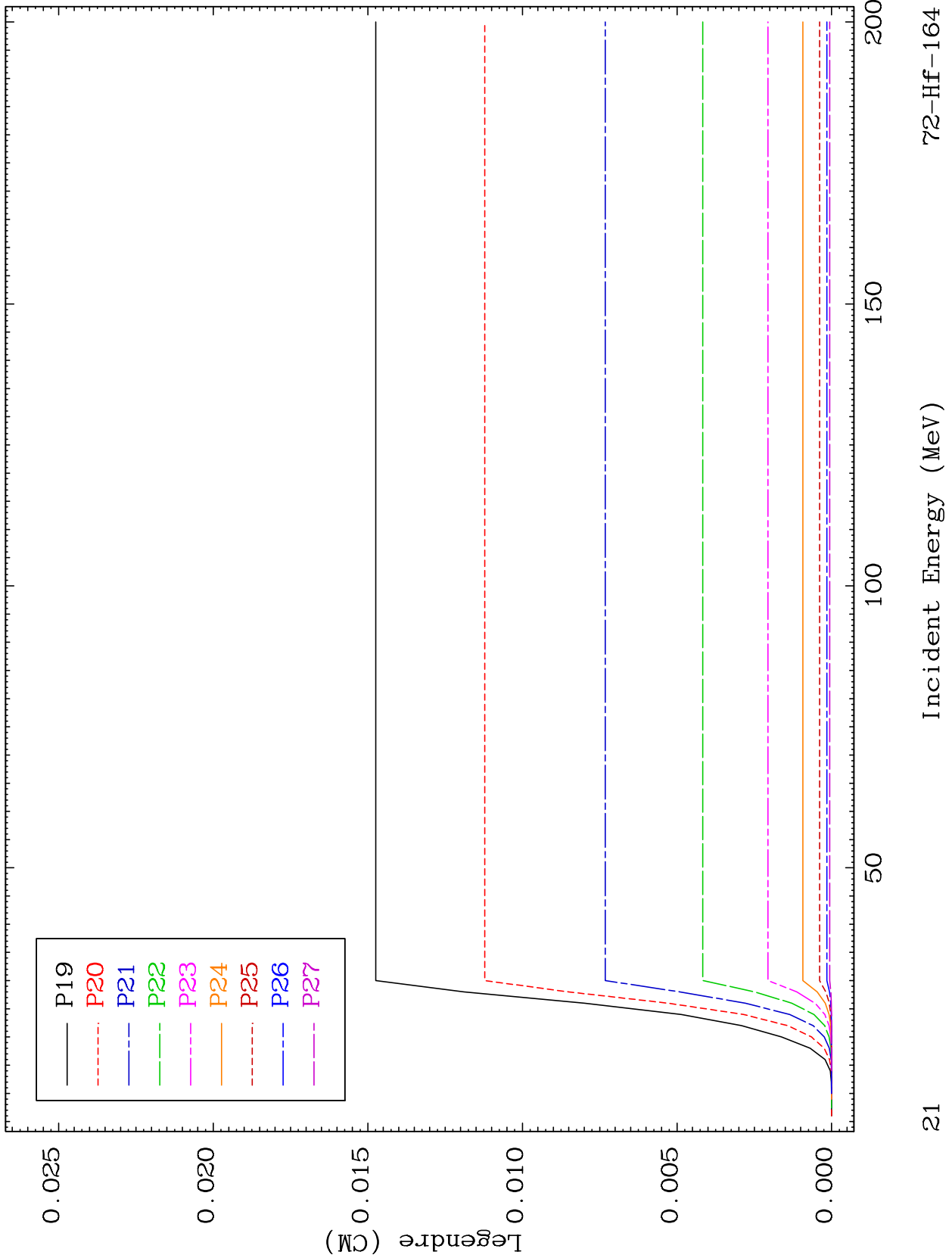
72-Hf-164



72-Hf-164

Incident Energy (MeV)

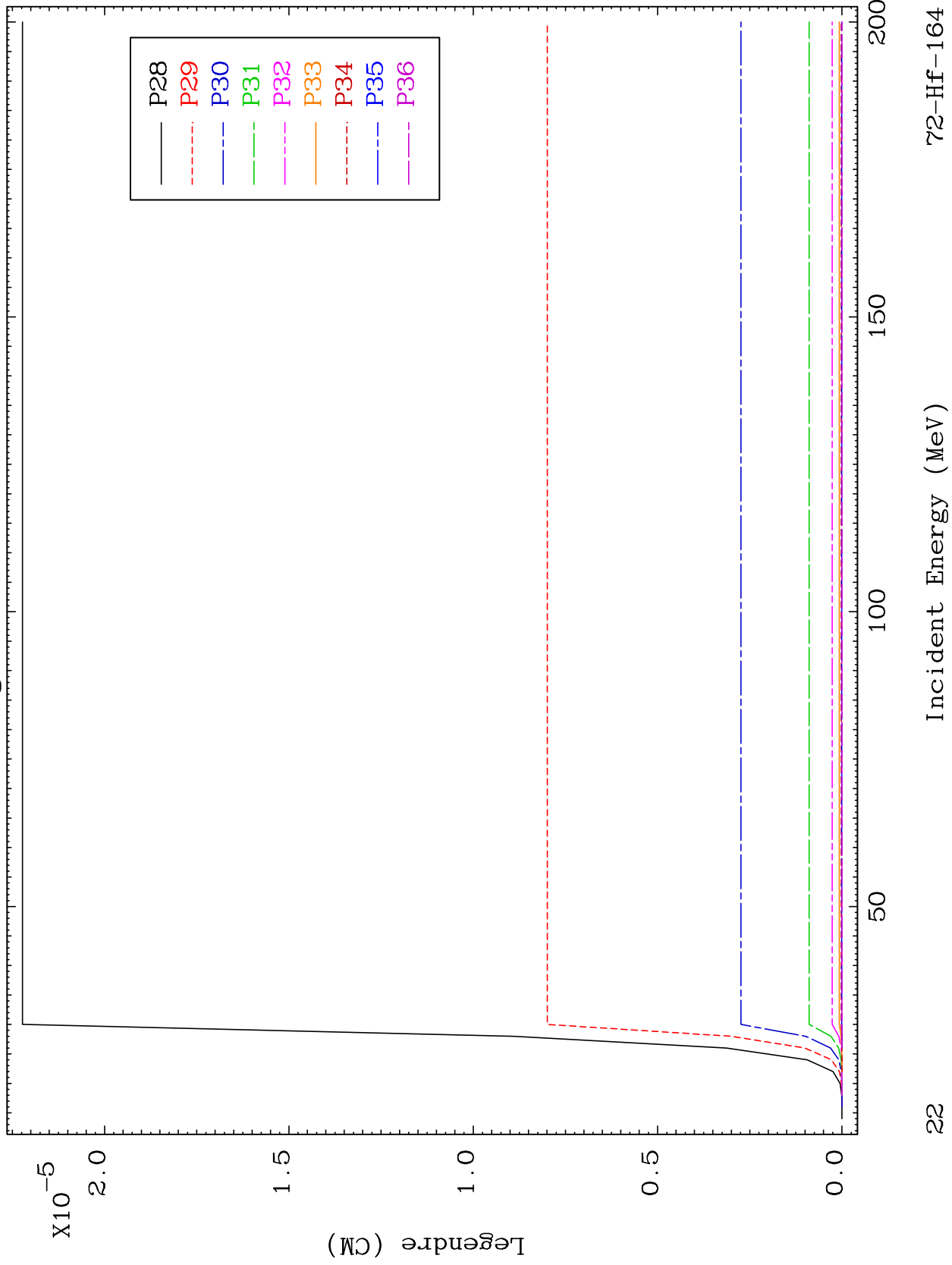
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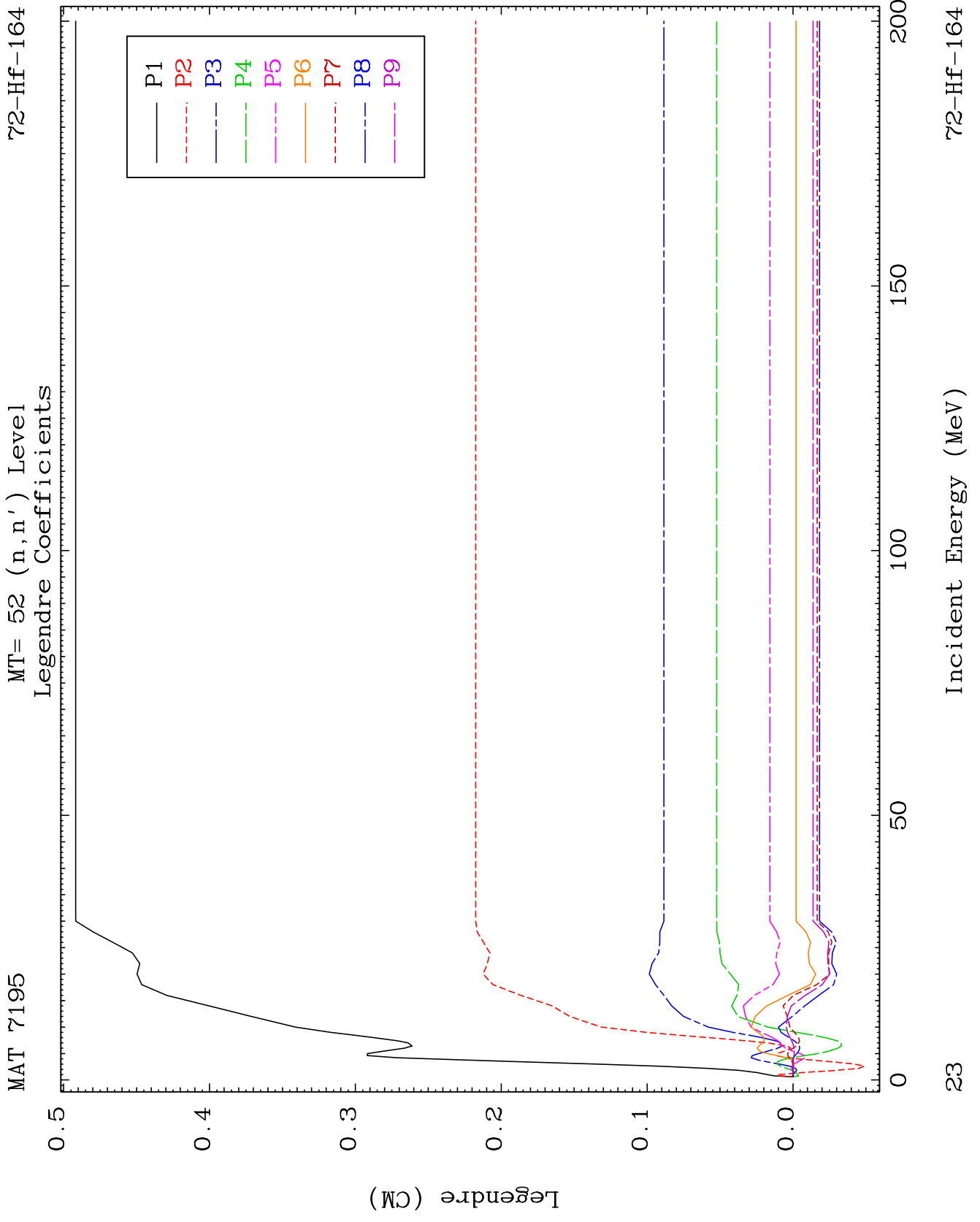


MAT 7195

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

72-Hf-164

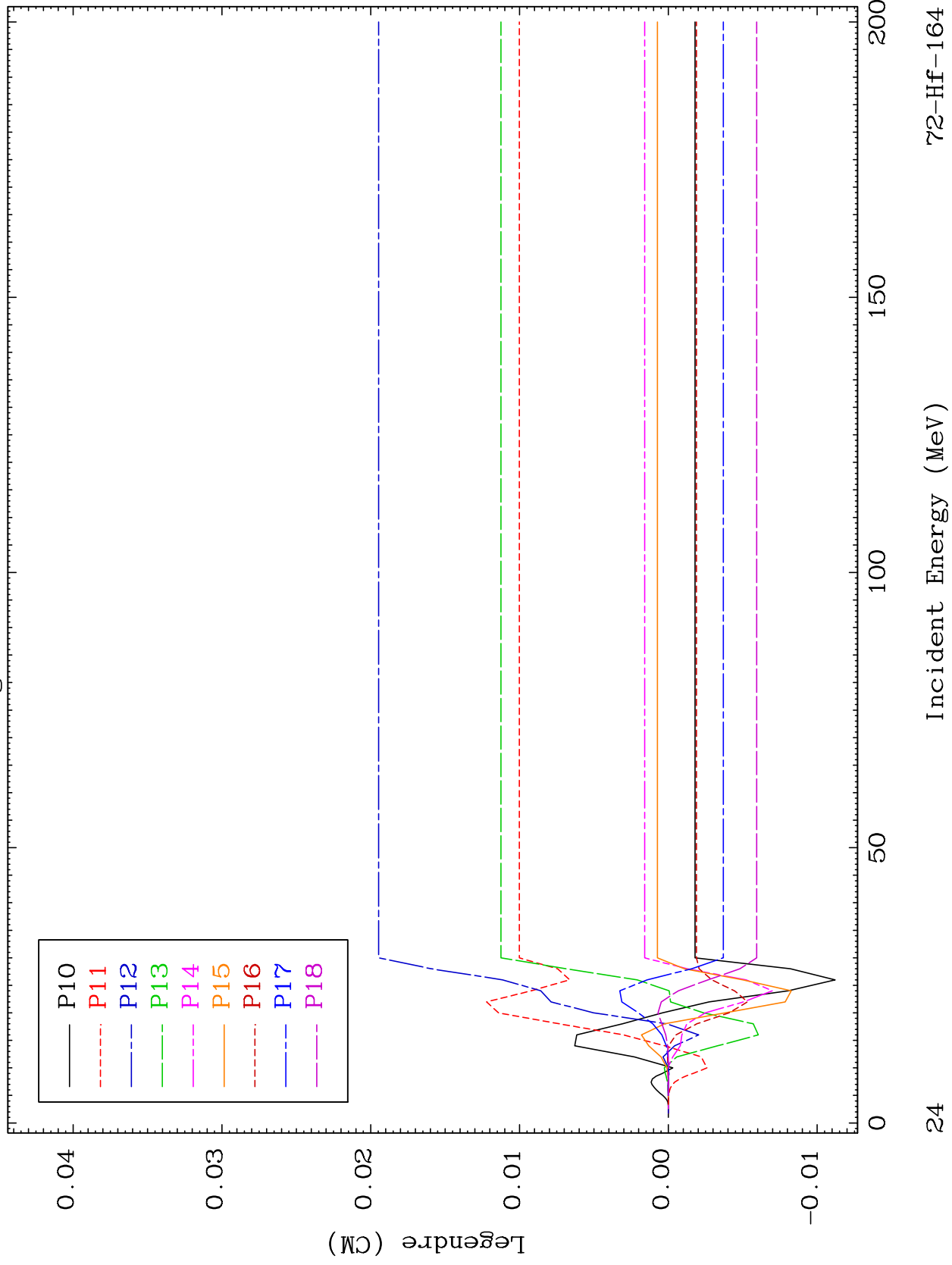




MAT 7195

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

72-Hf-164



24

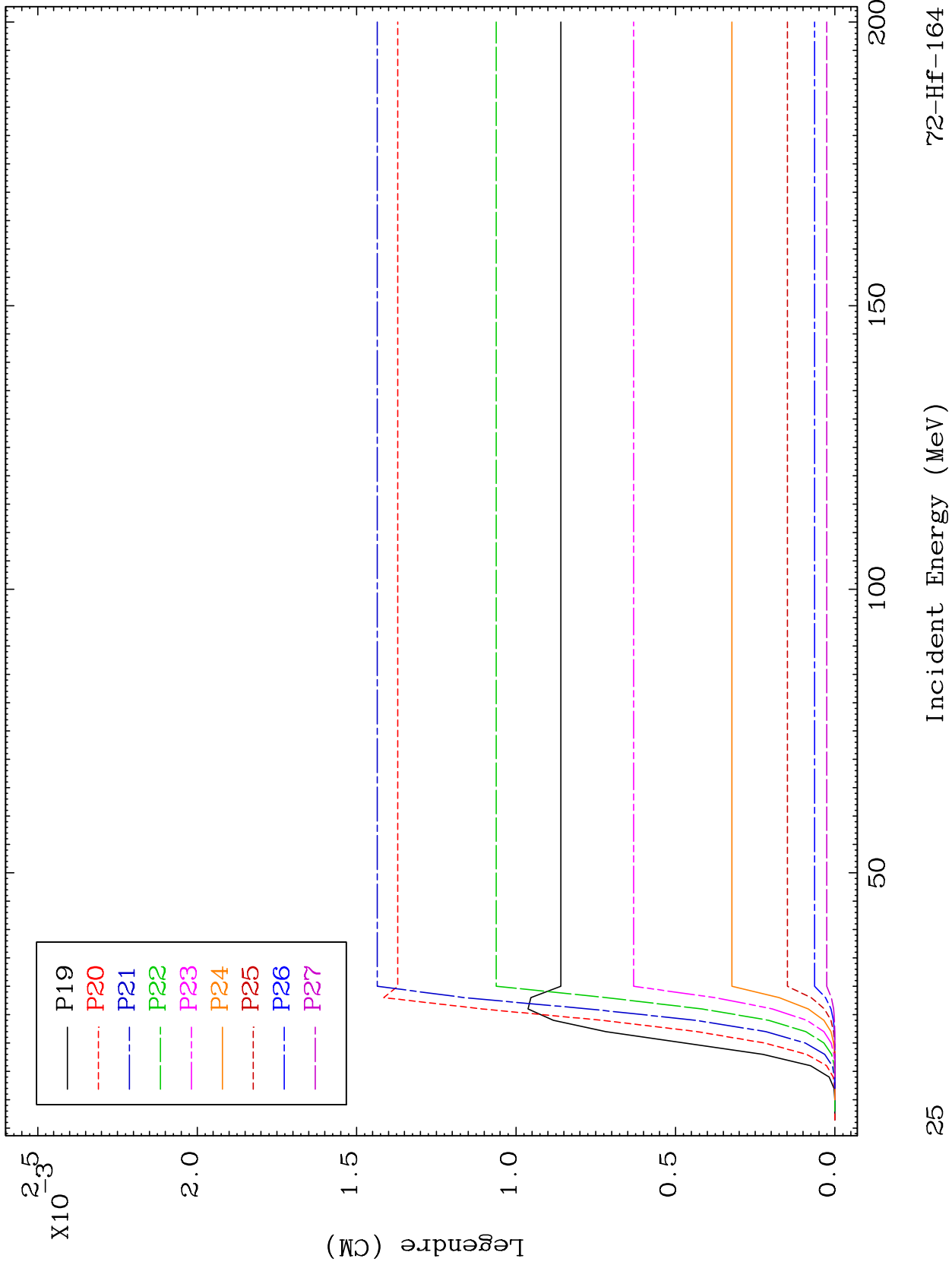
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



25

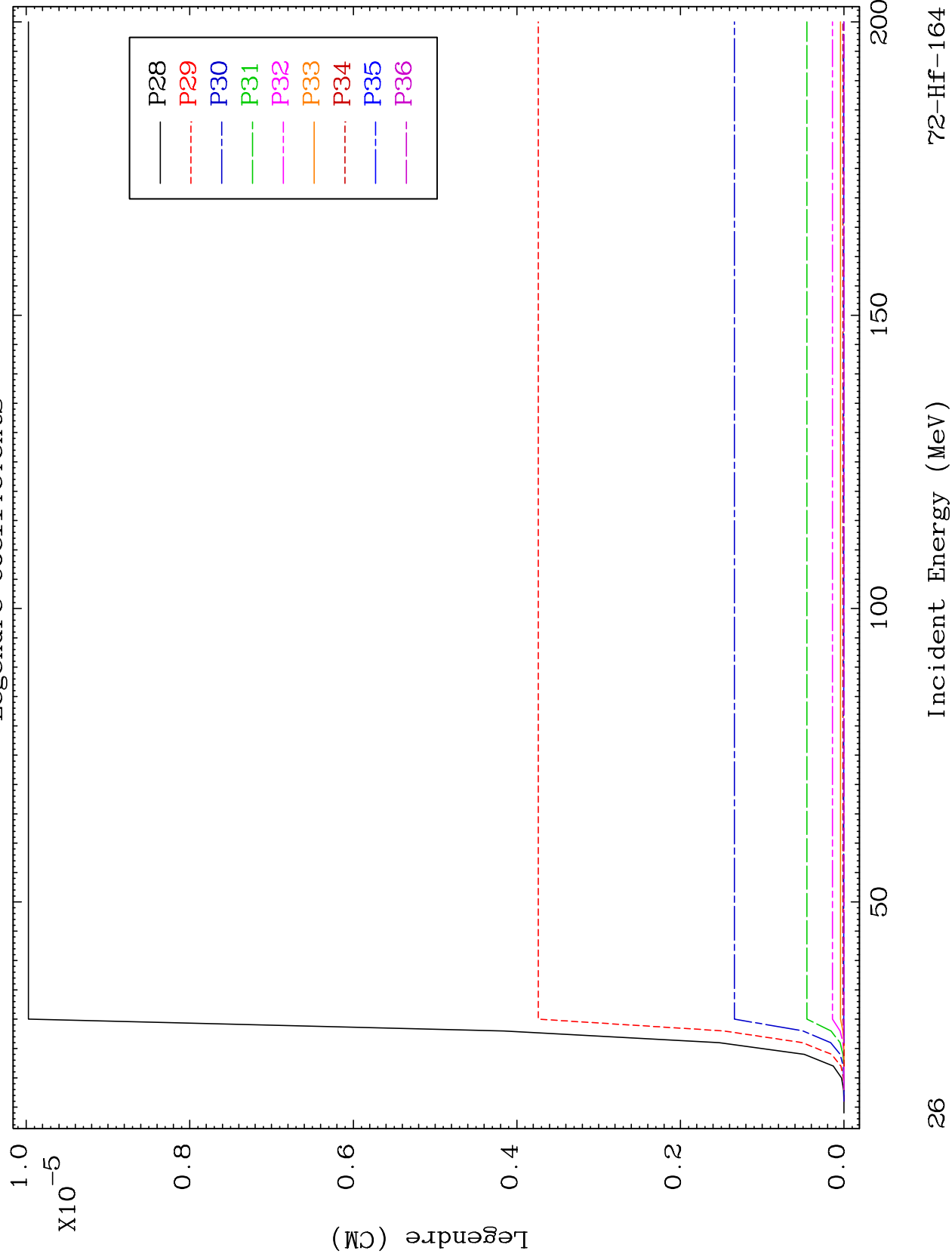
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



26

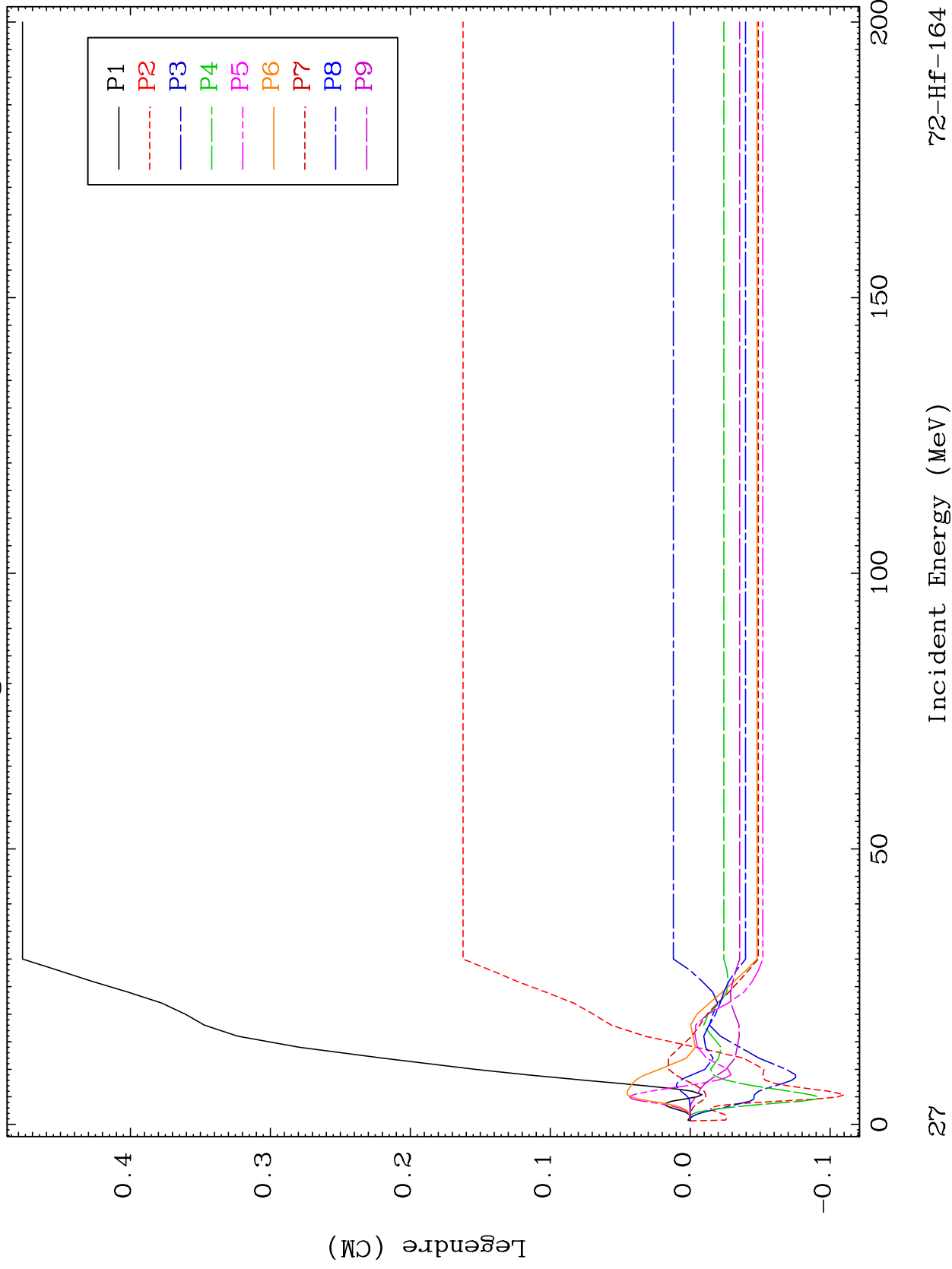
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

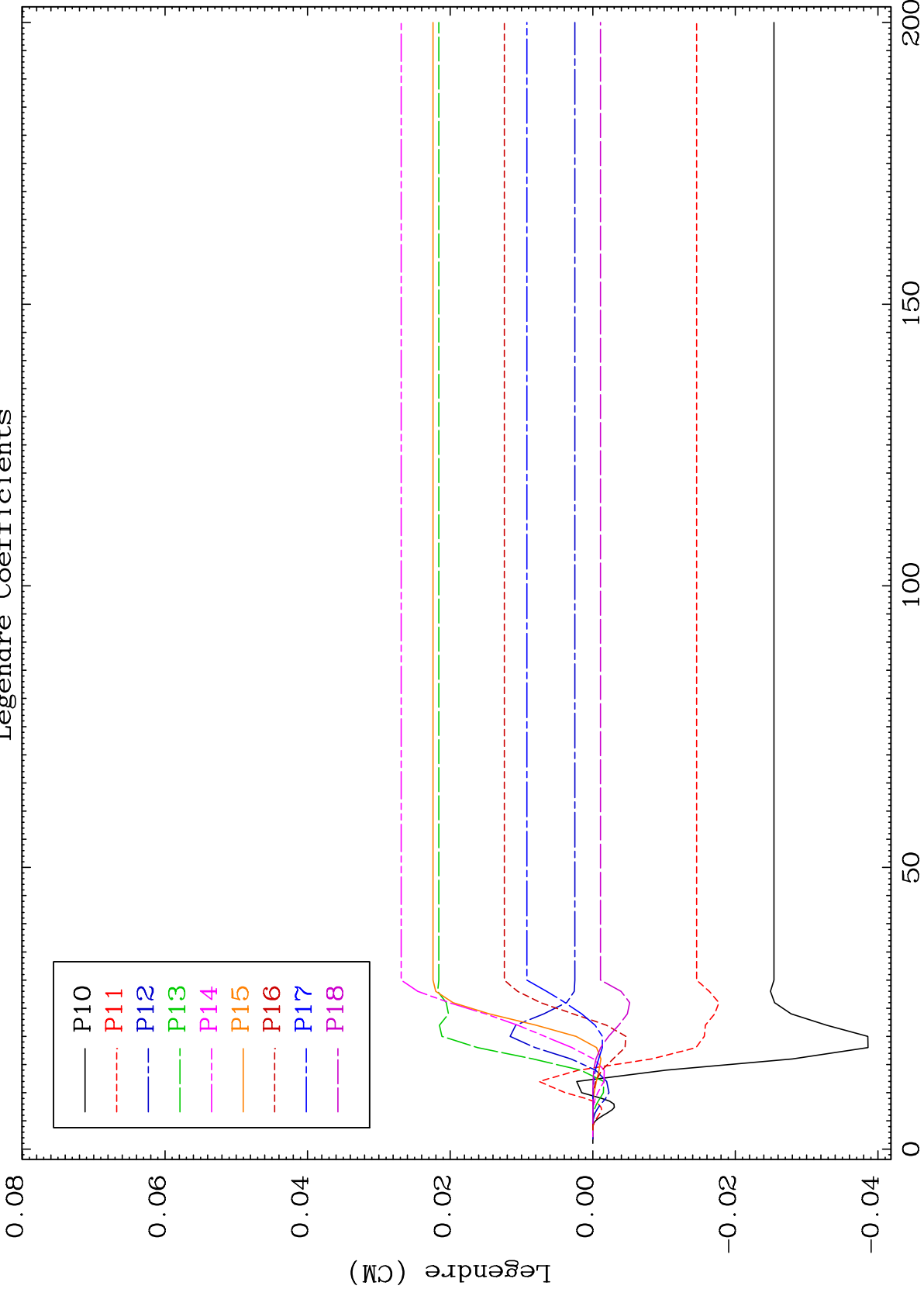
72-Hf-164



MAT 7195

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

72-Hf-164



28

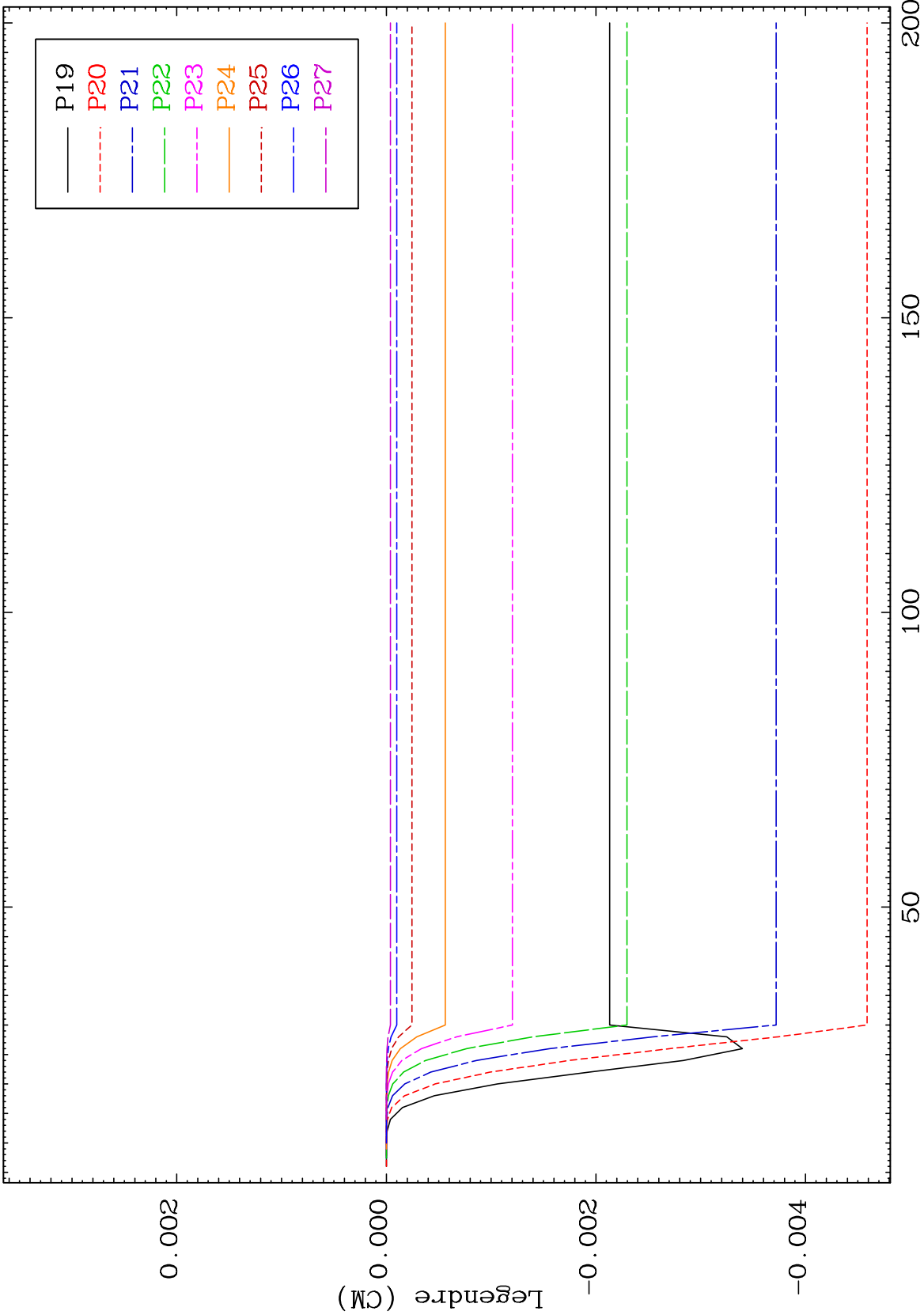
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

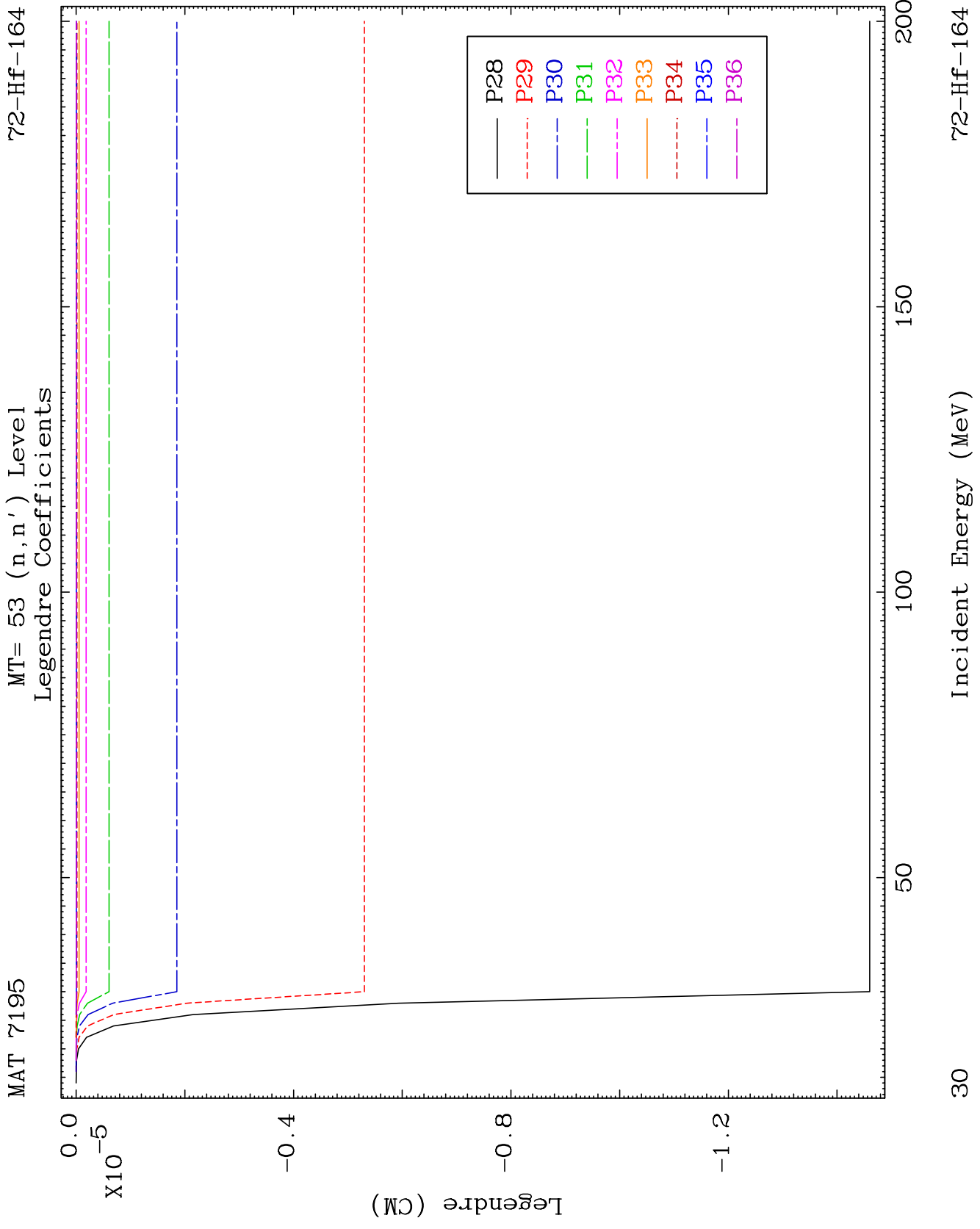
72-Hf-164



29

Incident Energy (MeV)

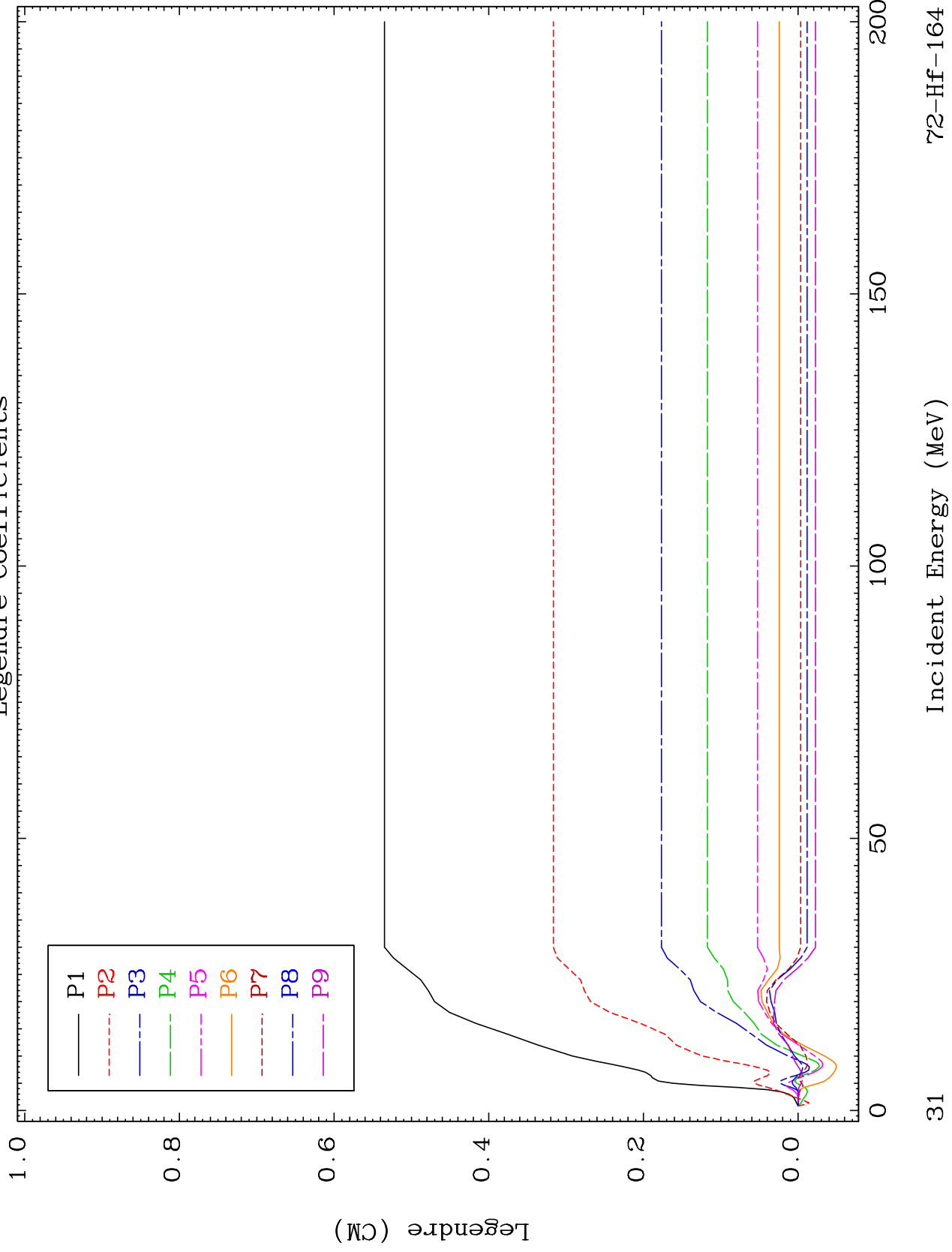
72-Hf-164



MAT 7195

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

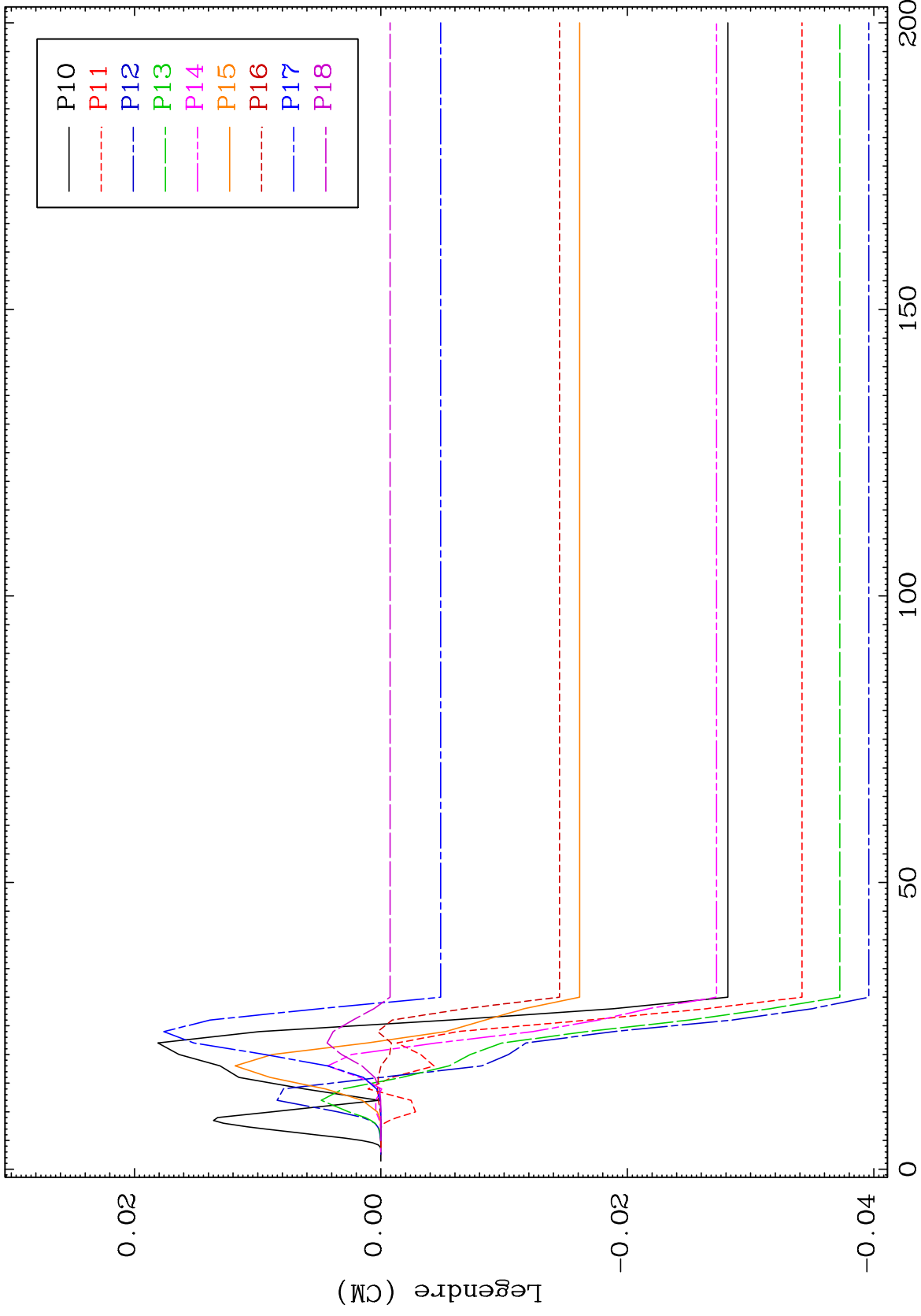
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MAT 7195

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

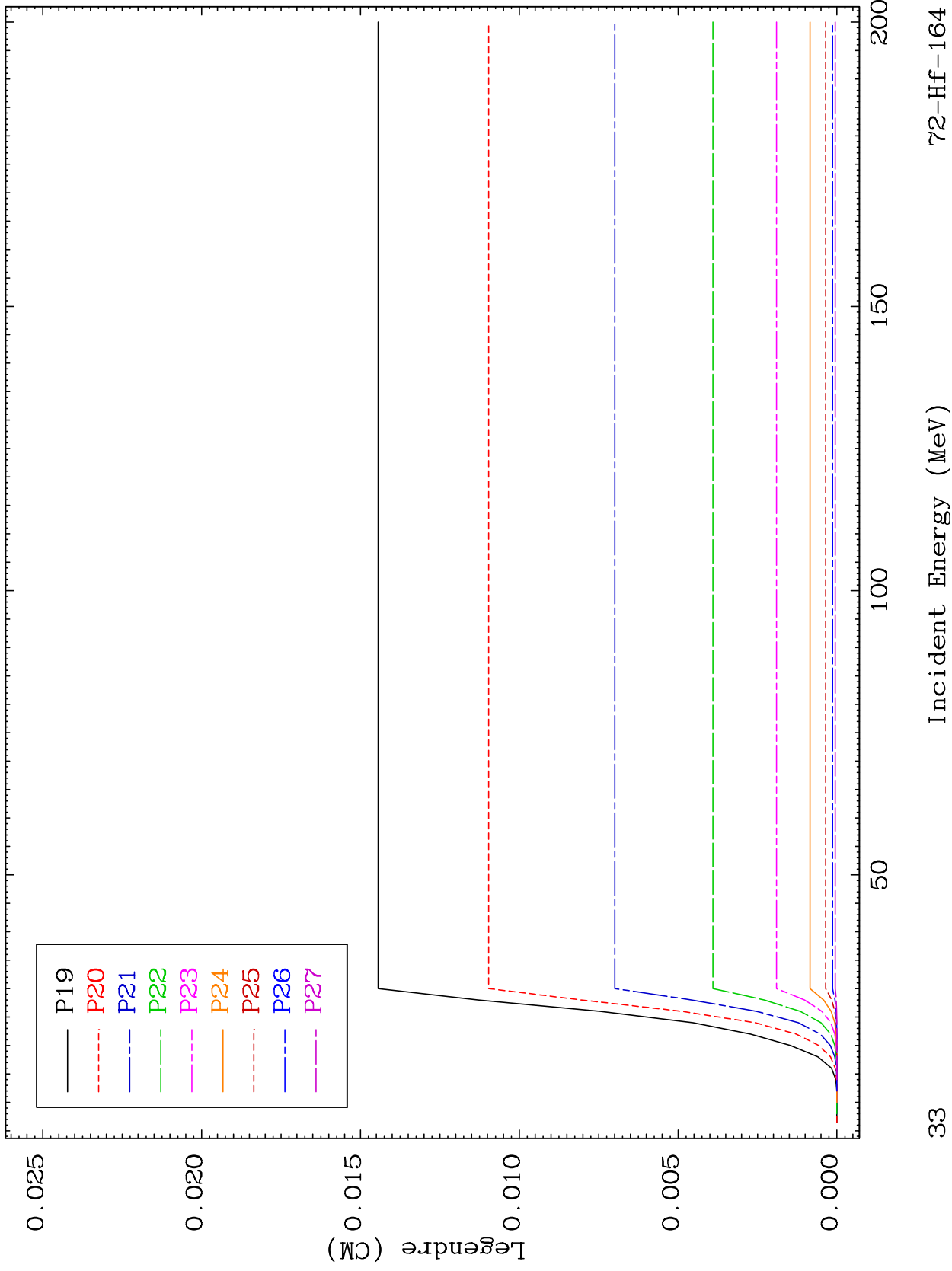
72-Hf-164



32

Incident Energy (MeV)

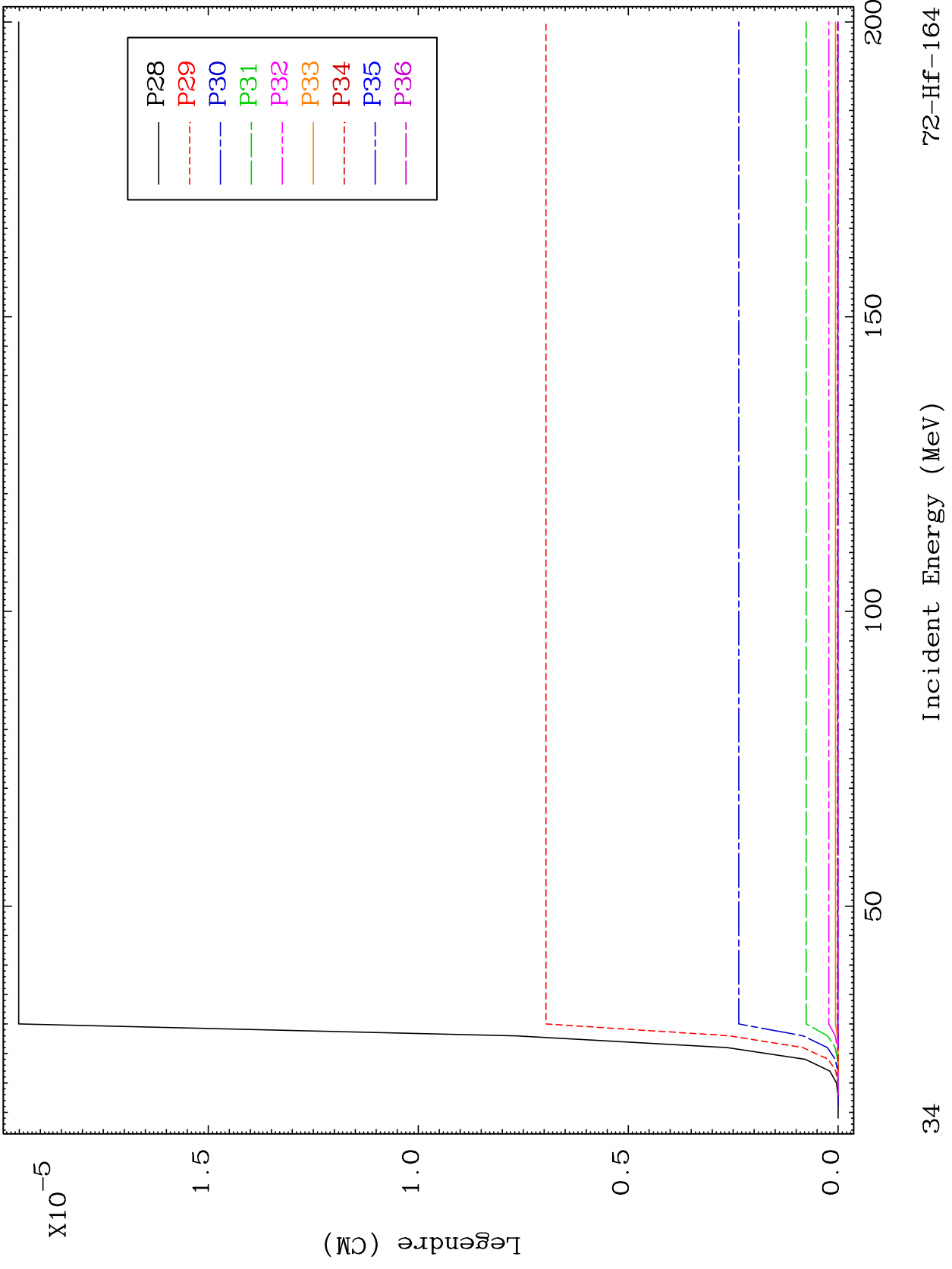
72-Hf-164



MAT 7195

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

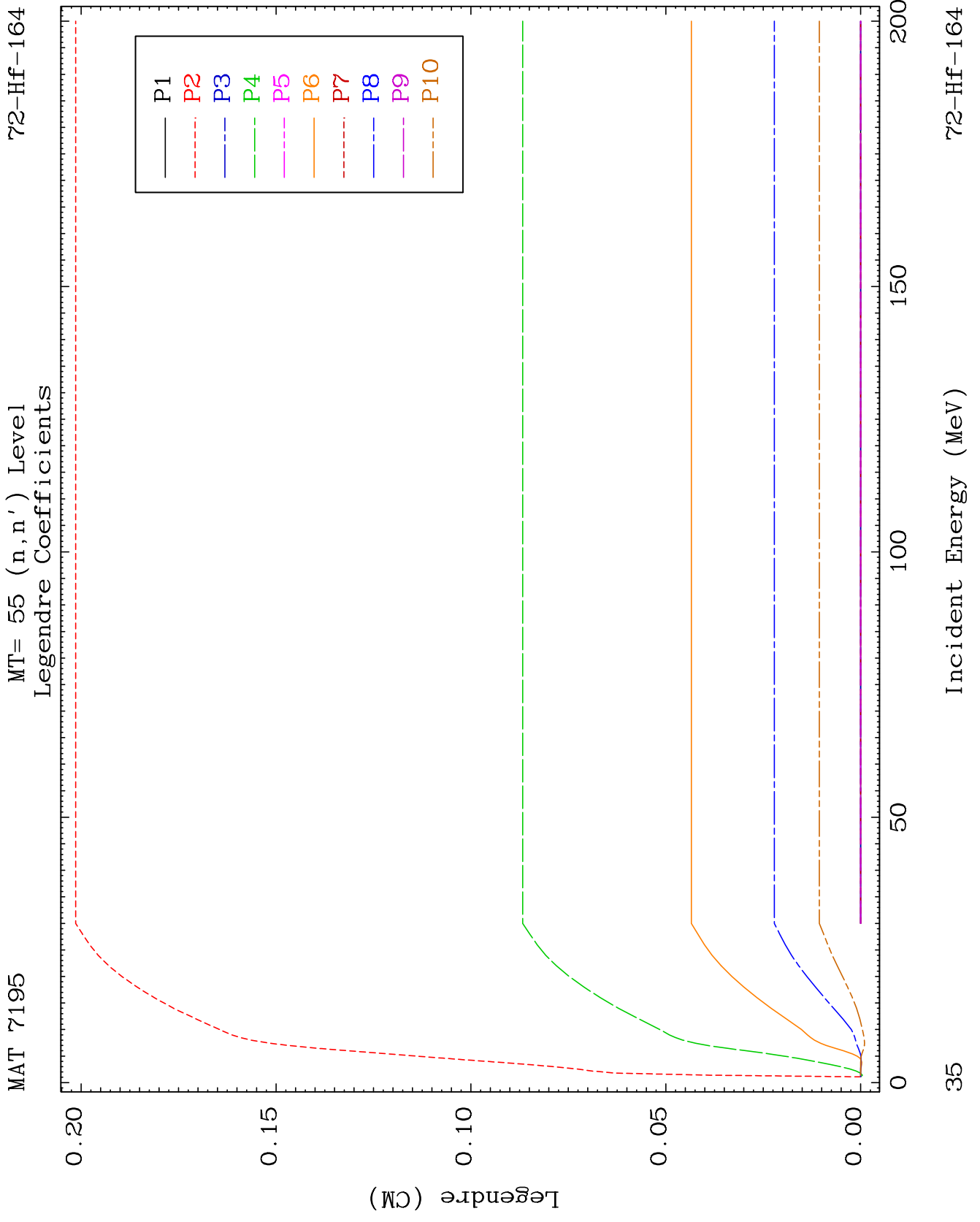
72-Hf-164



34

Incident Energy (MeV)

72-Hf-164

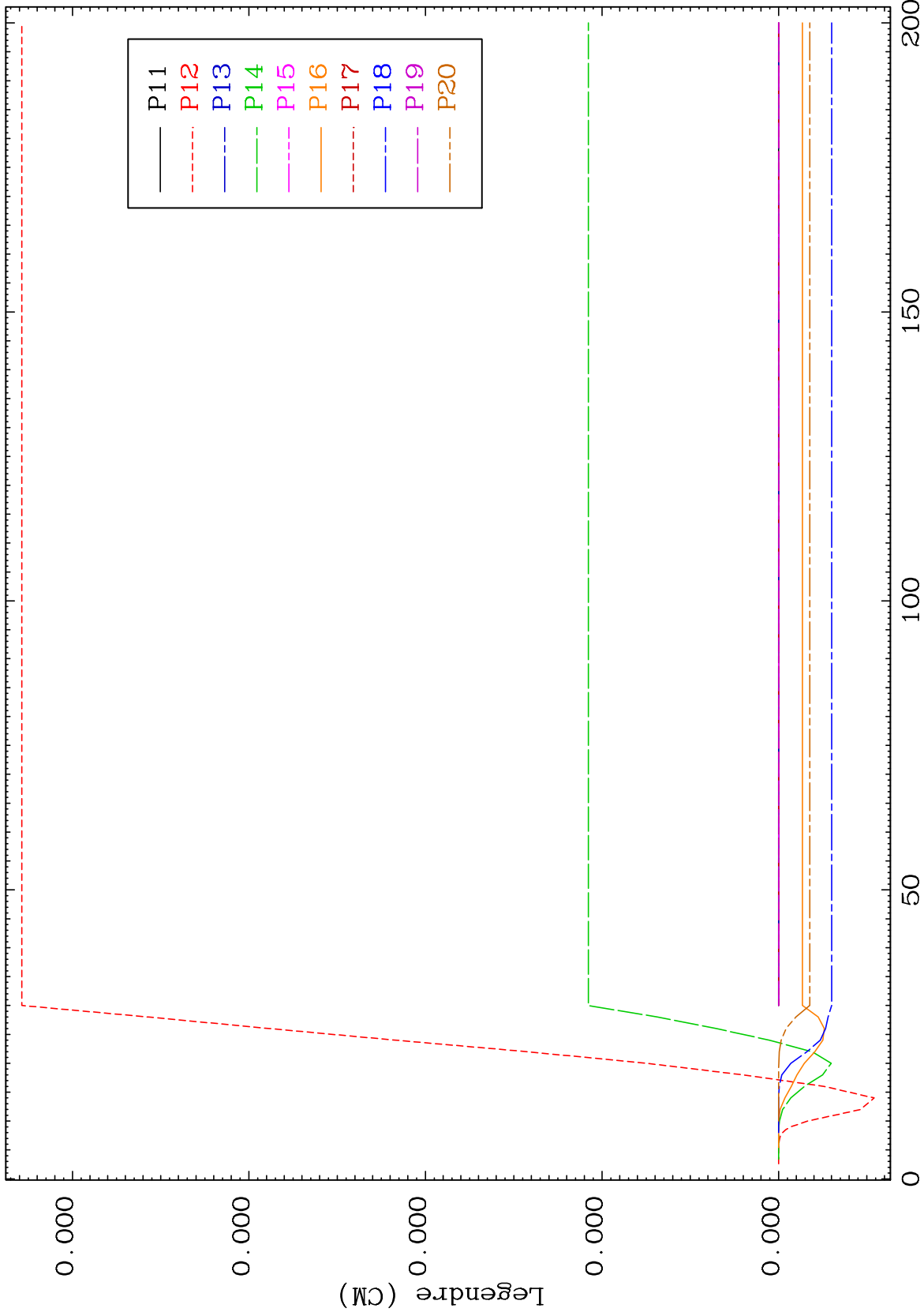


MAT 7195

MT= 55 (n,n') Level

72-Hf-164

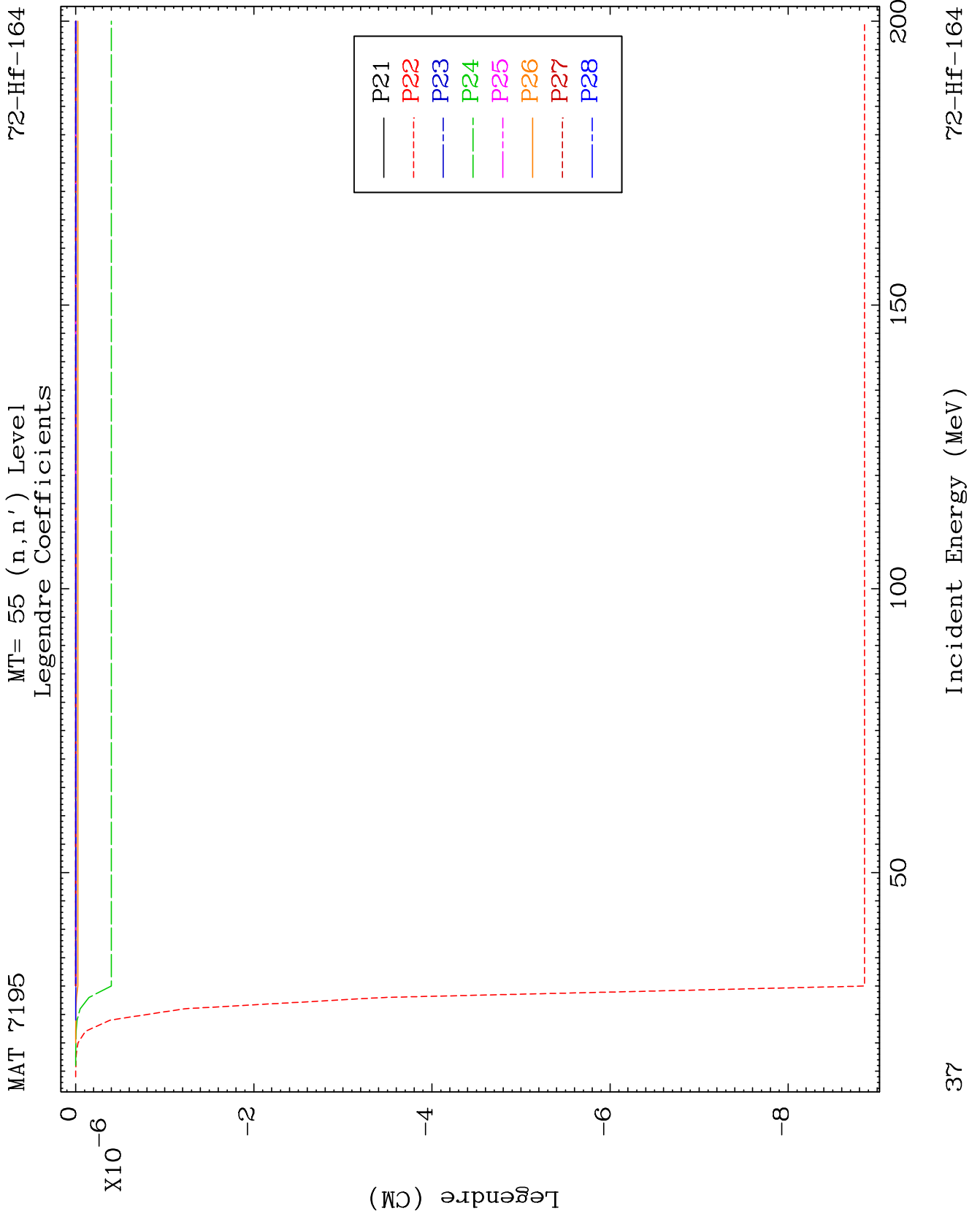
Legendre Coefficients



36

Incident Energy (MeV)

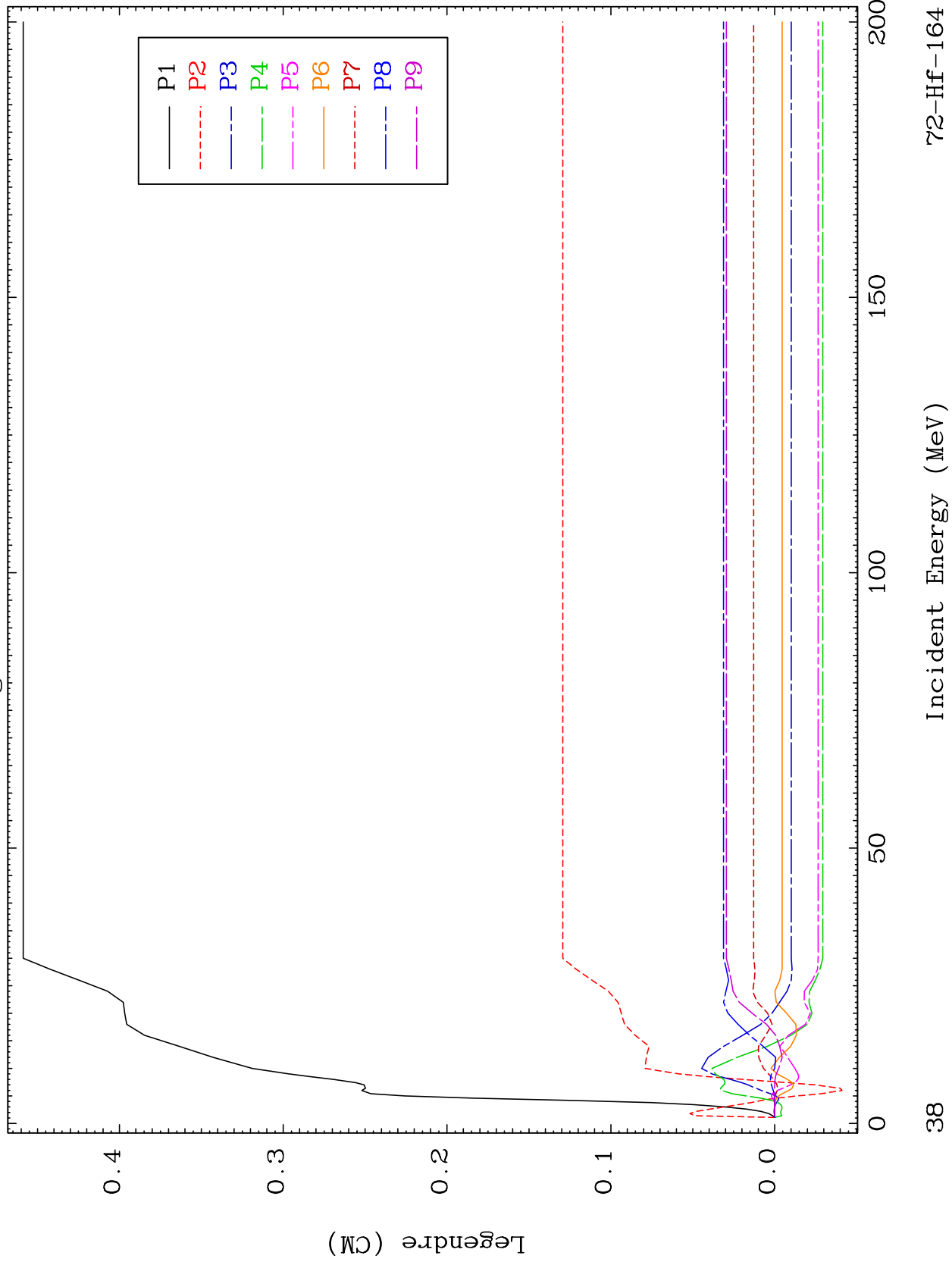
72-Hf-164



MAT 7195

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

72-Hf-164



72-Hf-164

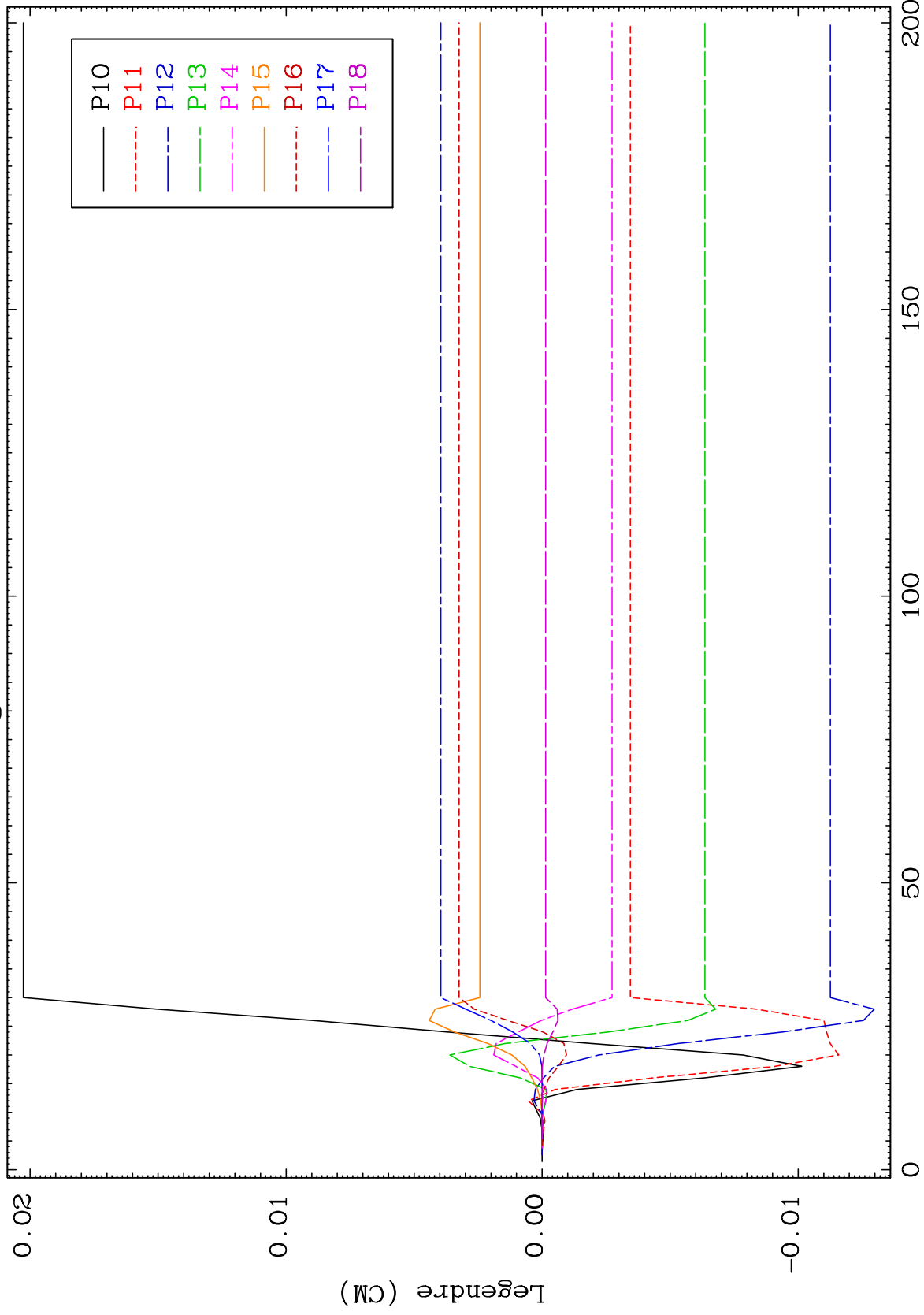
Incident Energy (MeV)

38

MAT 7195

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

72-Hf-164



39

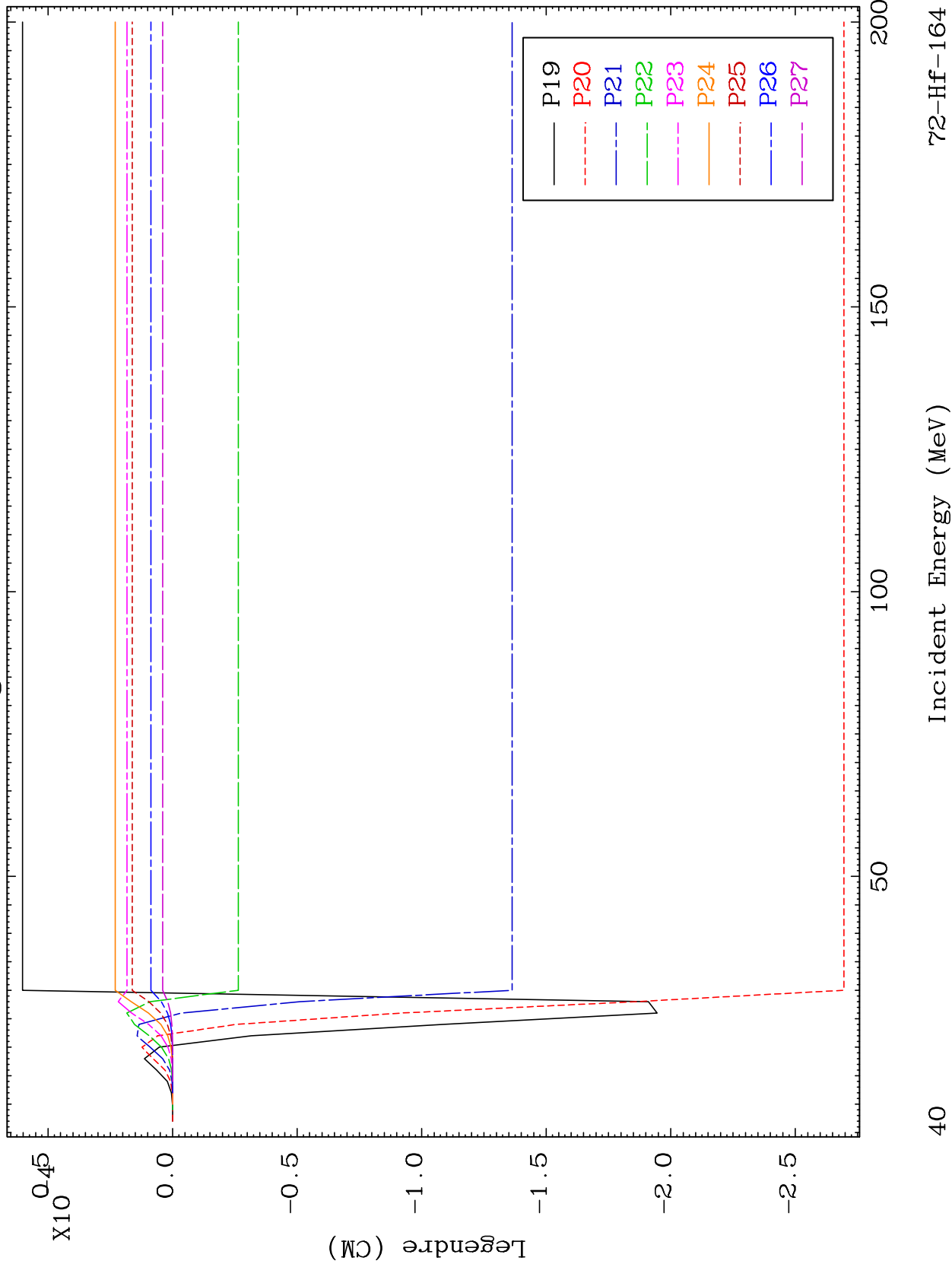
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



40

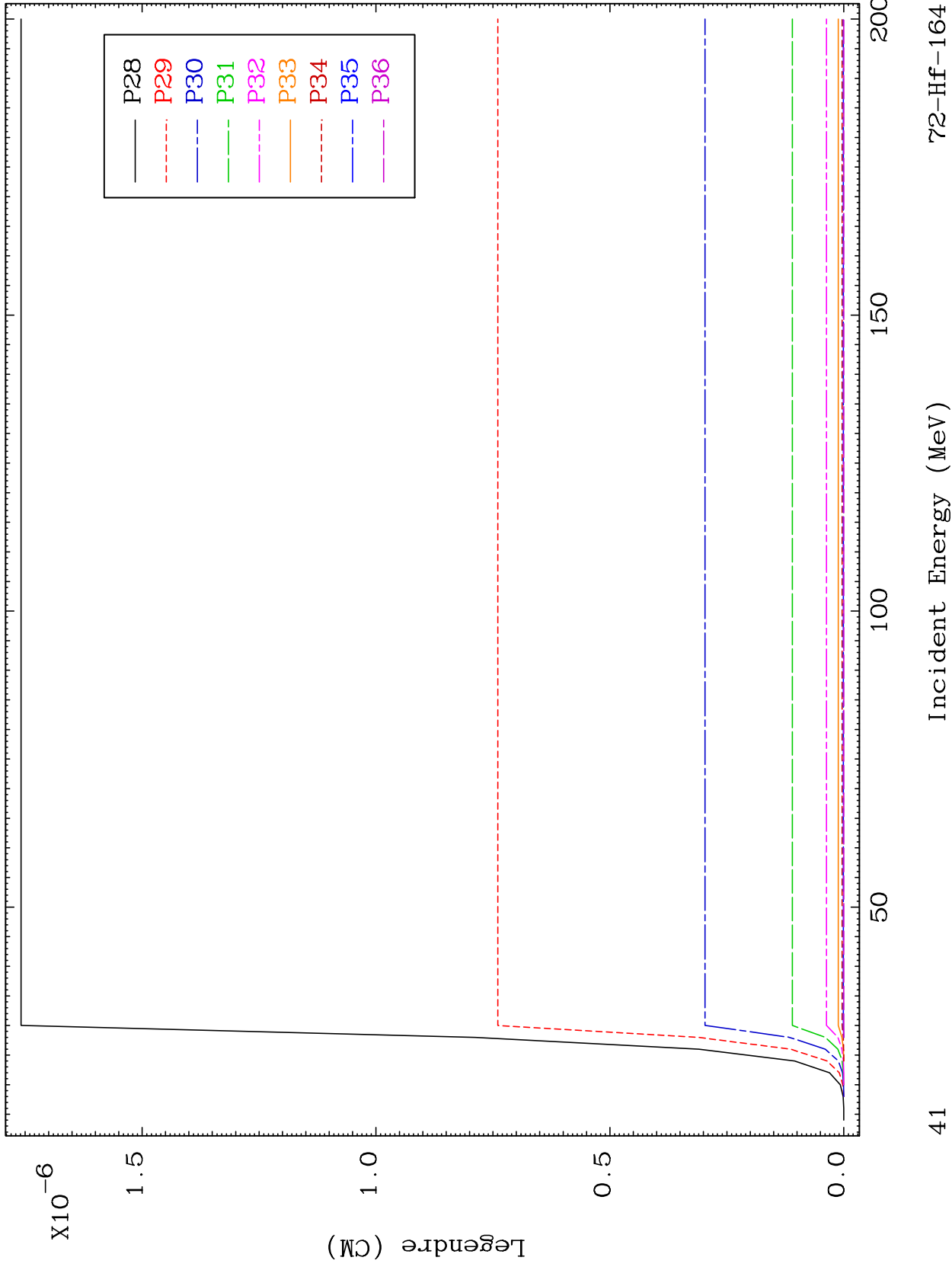
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



41

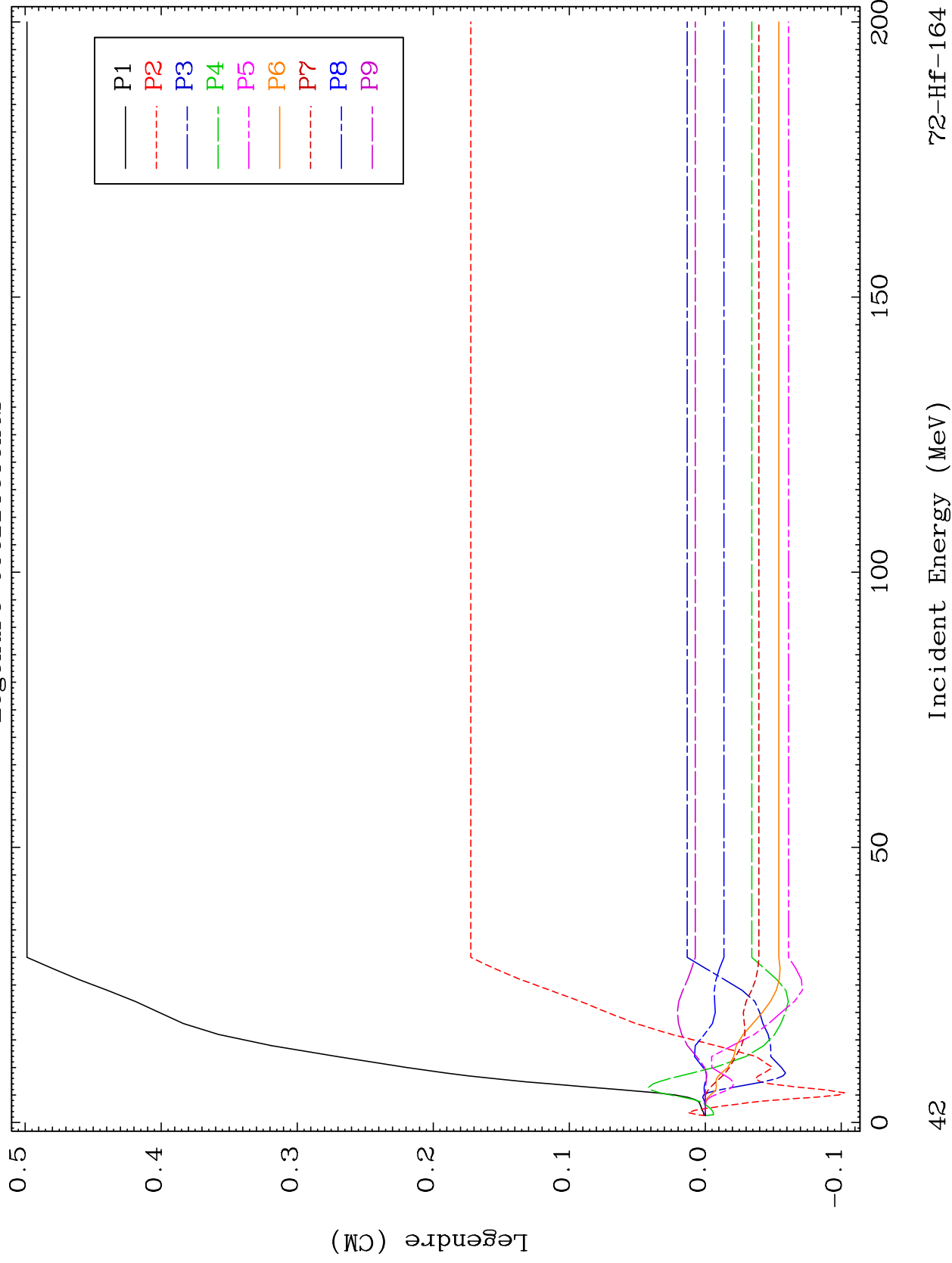
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

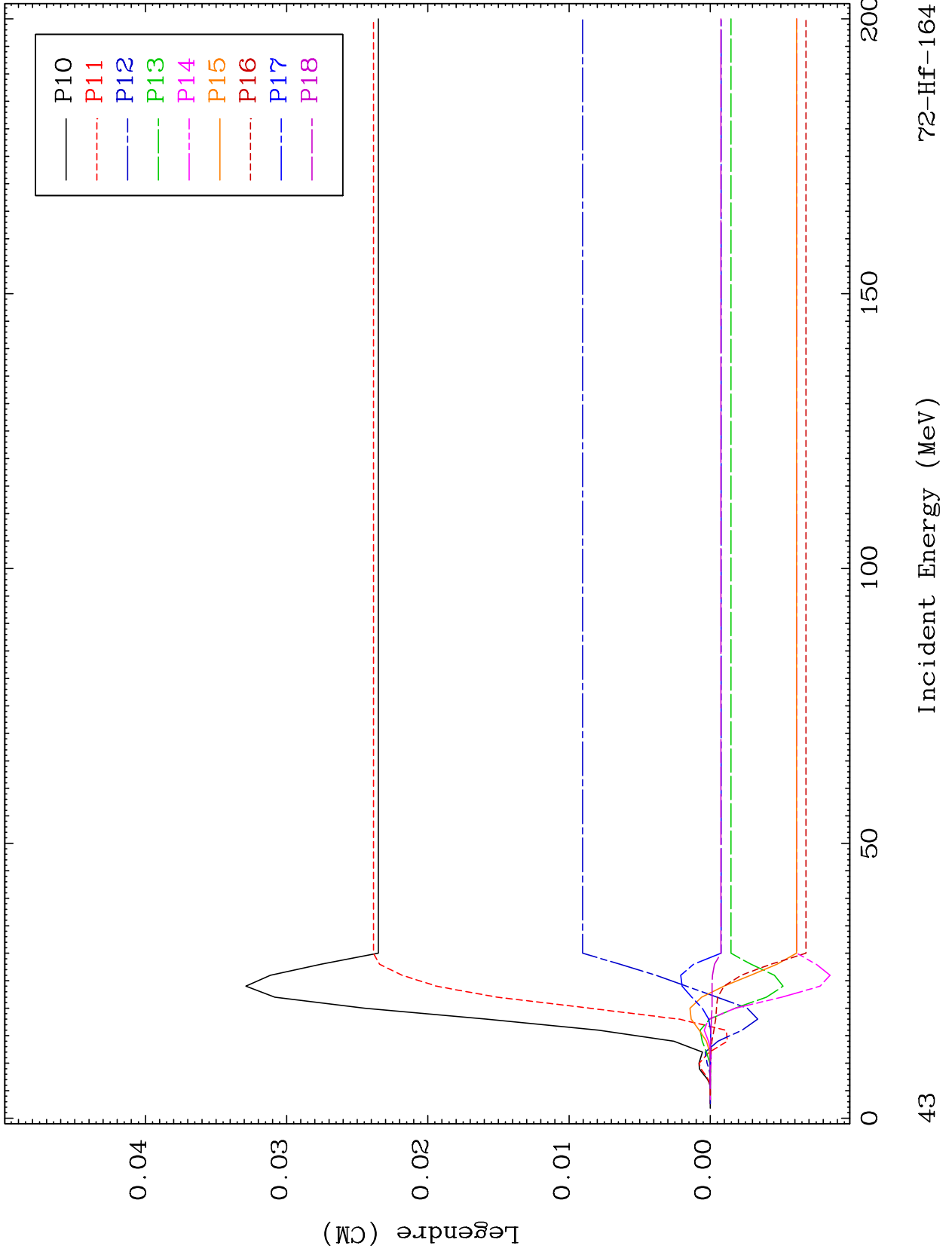
Incident Energy (MeV)

42

MAT 7195

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

72-Hf-164



43

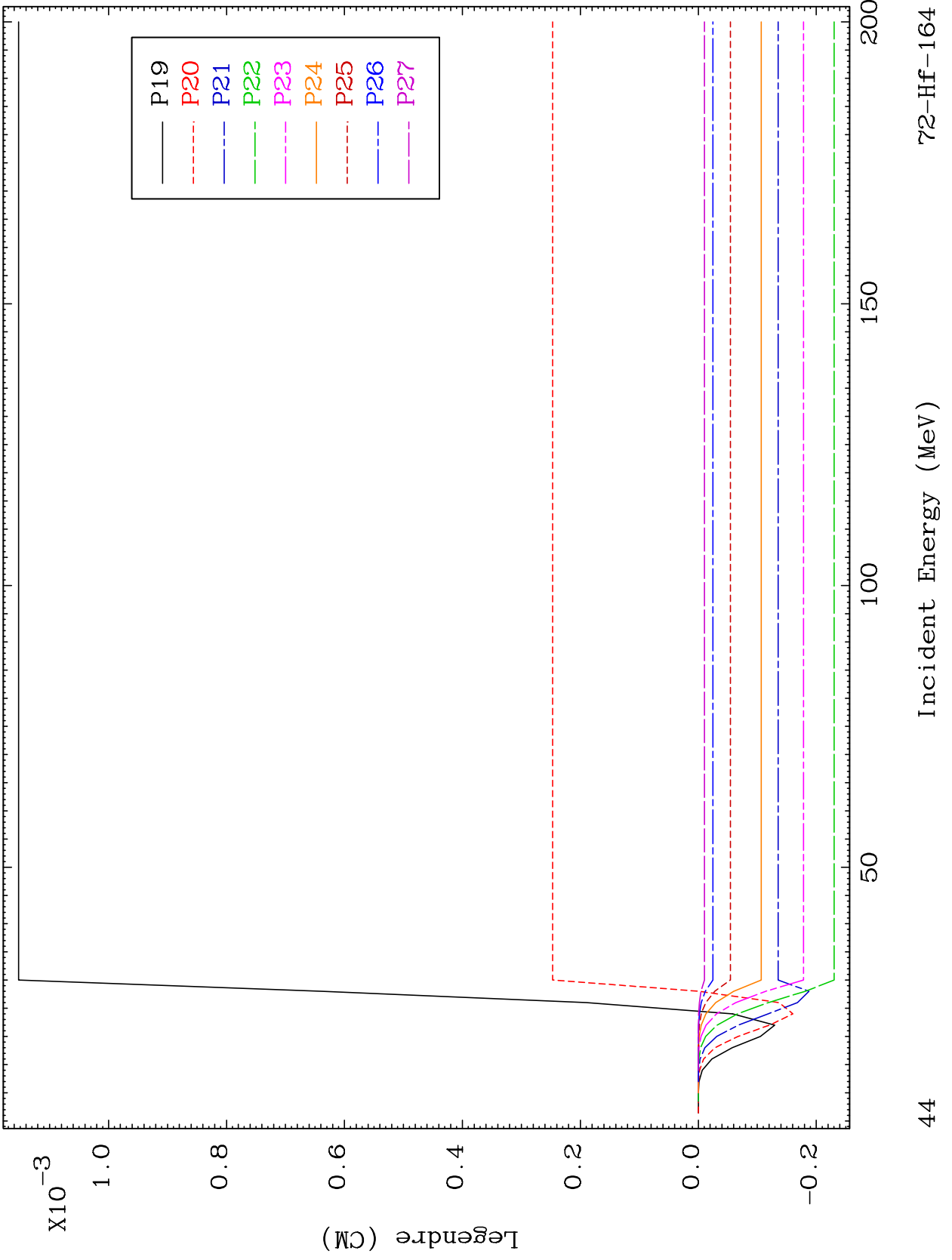
Incident Energy (MeV)

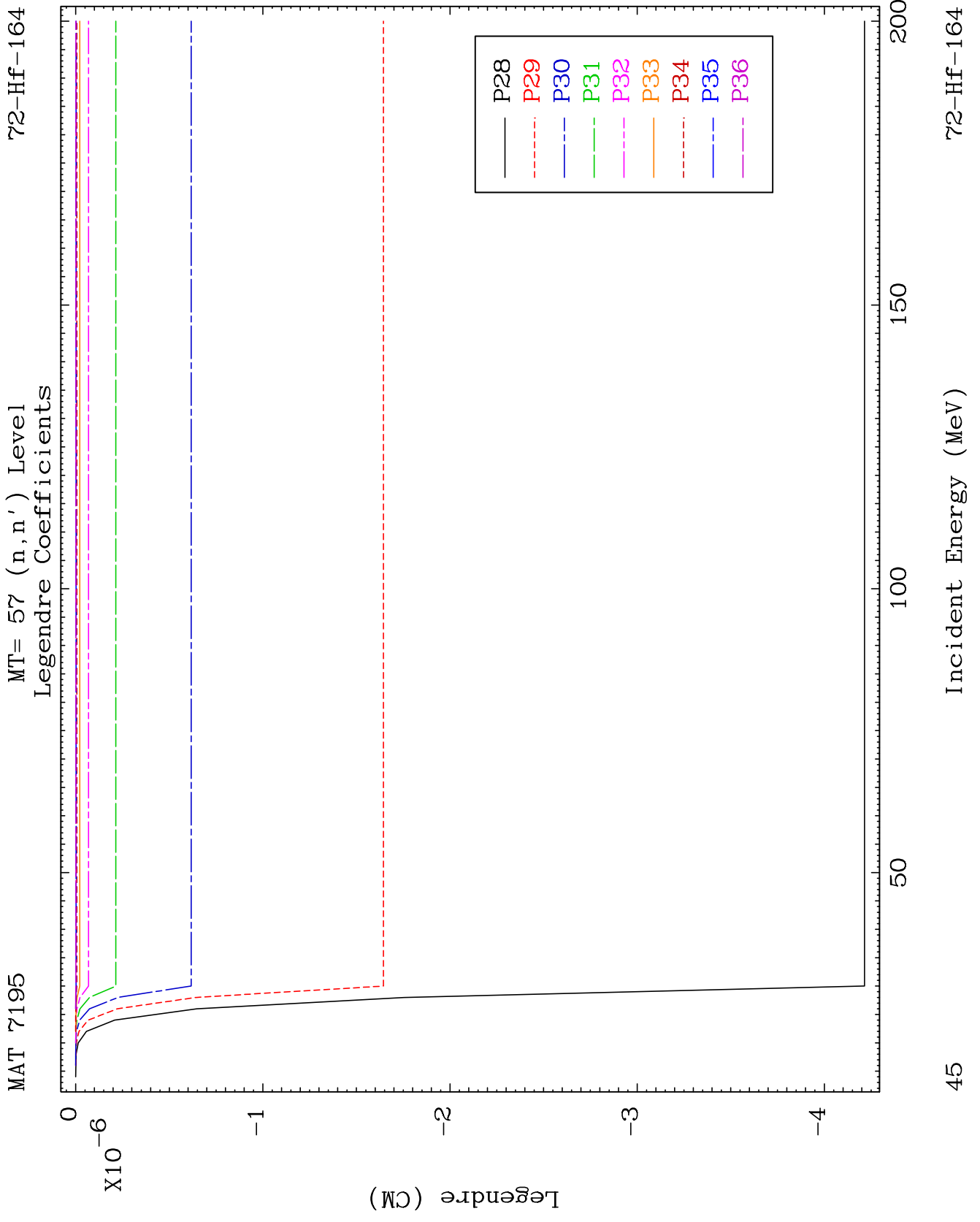
72-Hf-164

MAT 7195

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

72-Hf-164

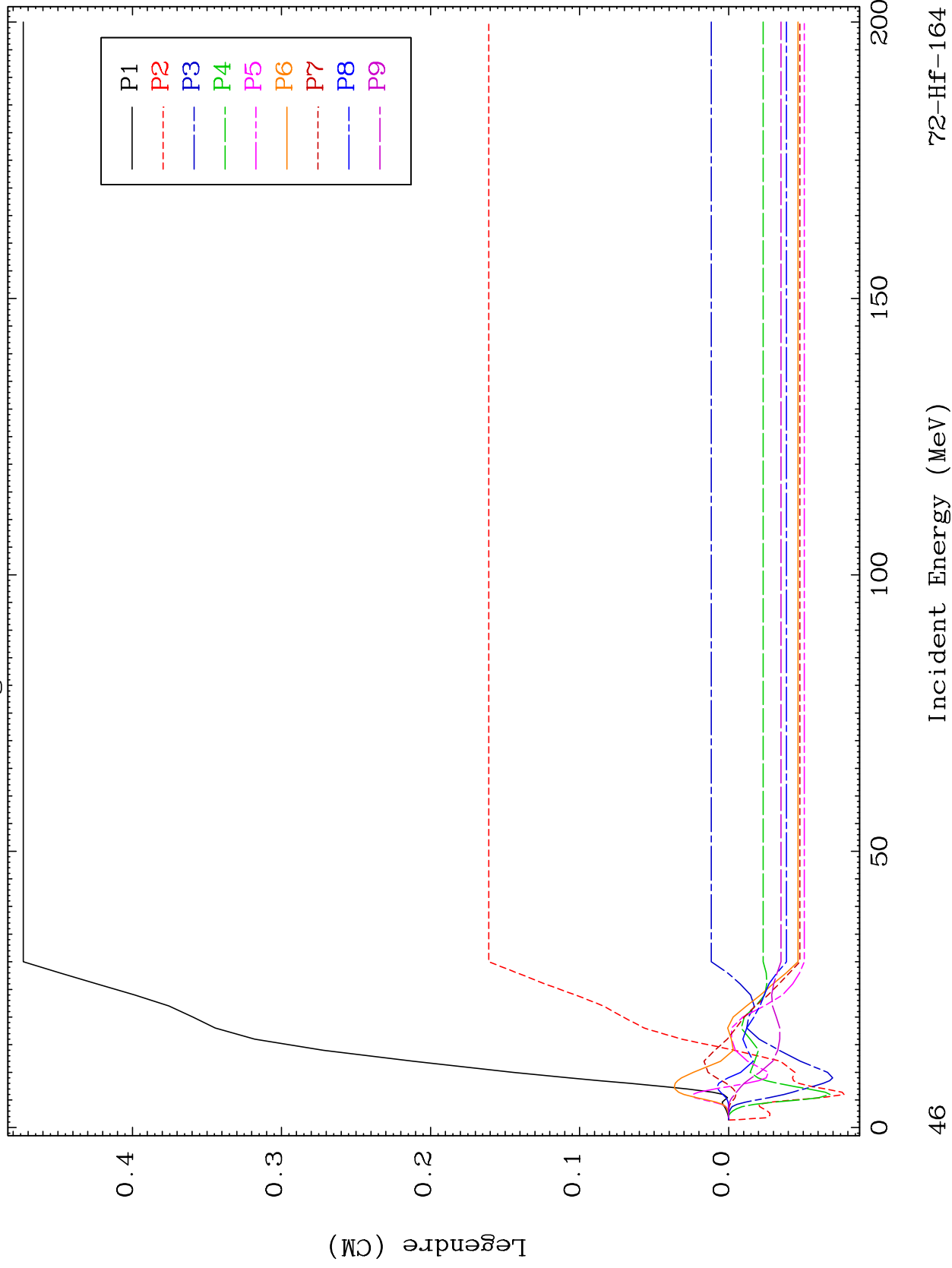




MAT 7195

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

72-Hf-164



72-Hf-164

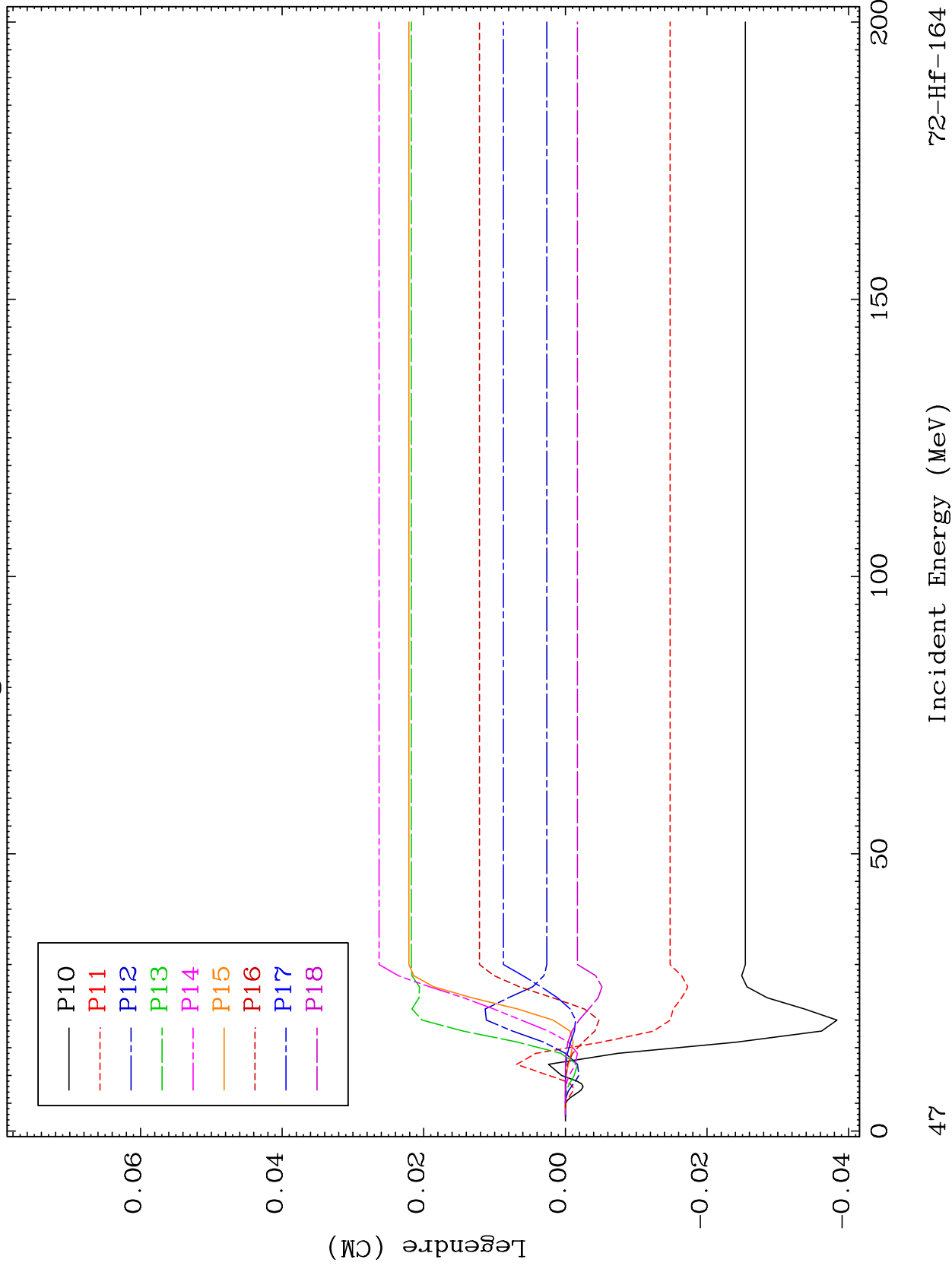
Incident Energy (MeV)

46

MAT 7195

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

72-Hf-164



47

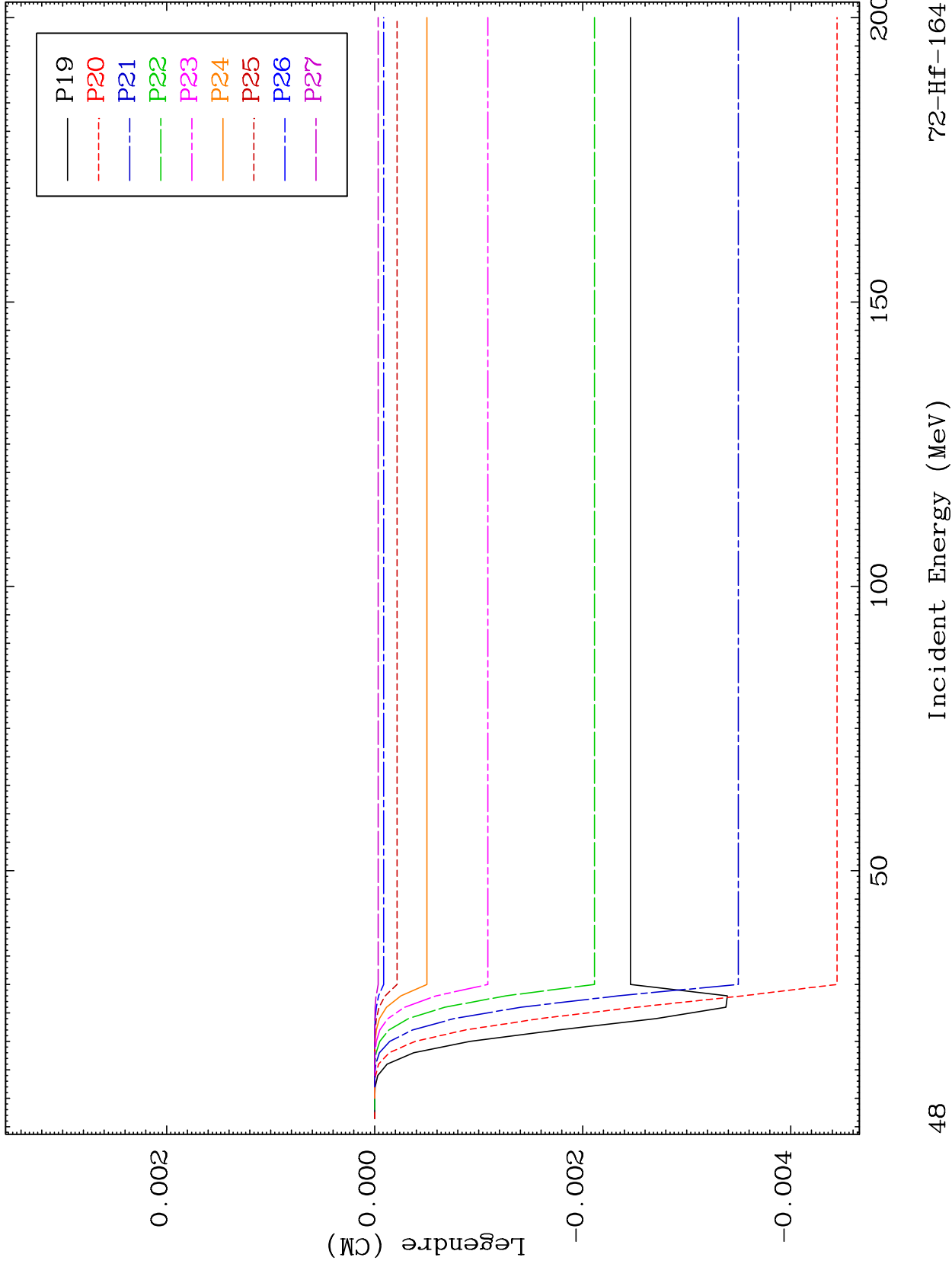
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

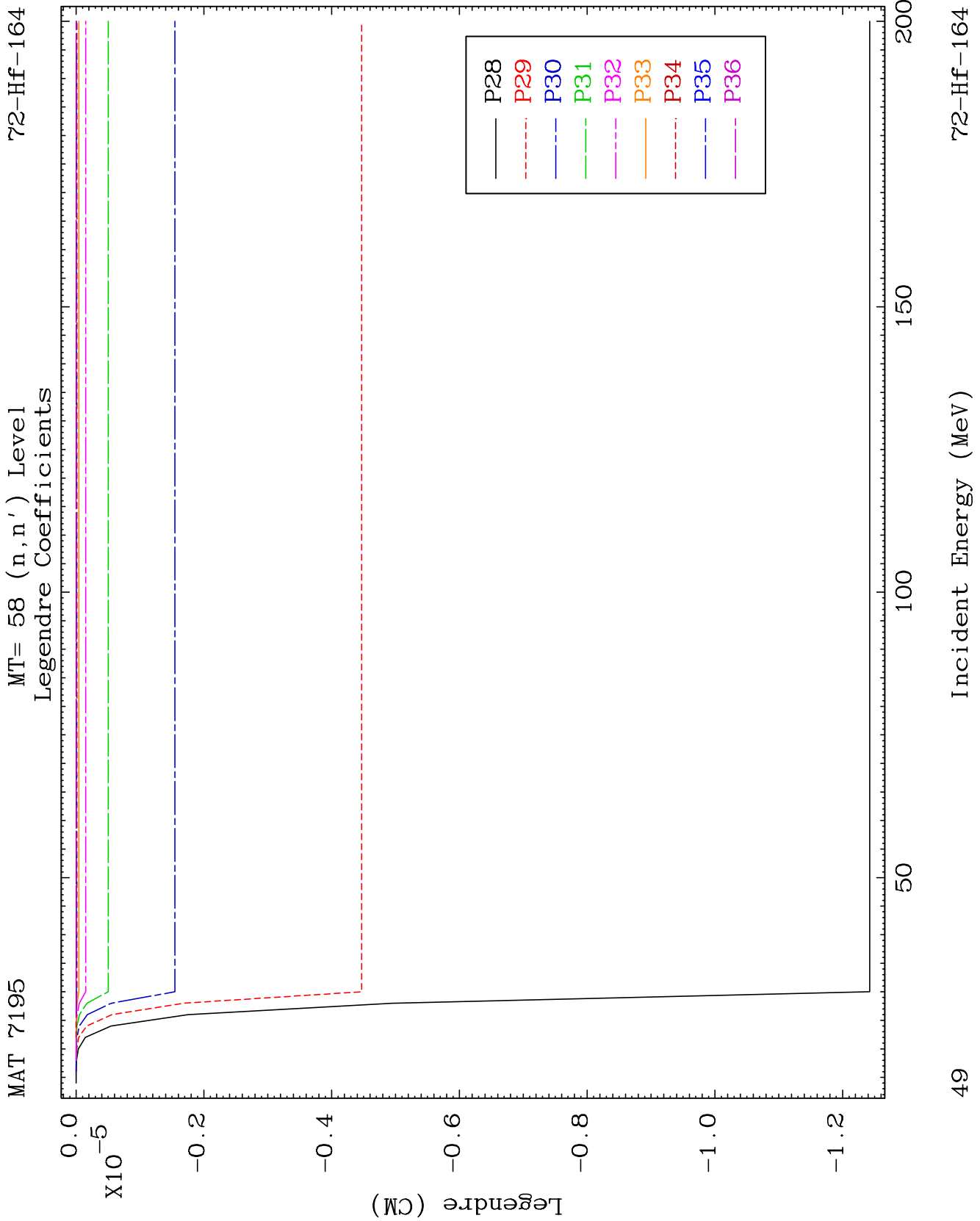
72-Hf-164



48

Incident Energy (MeV)

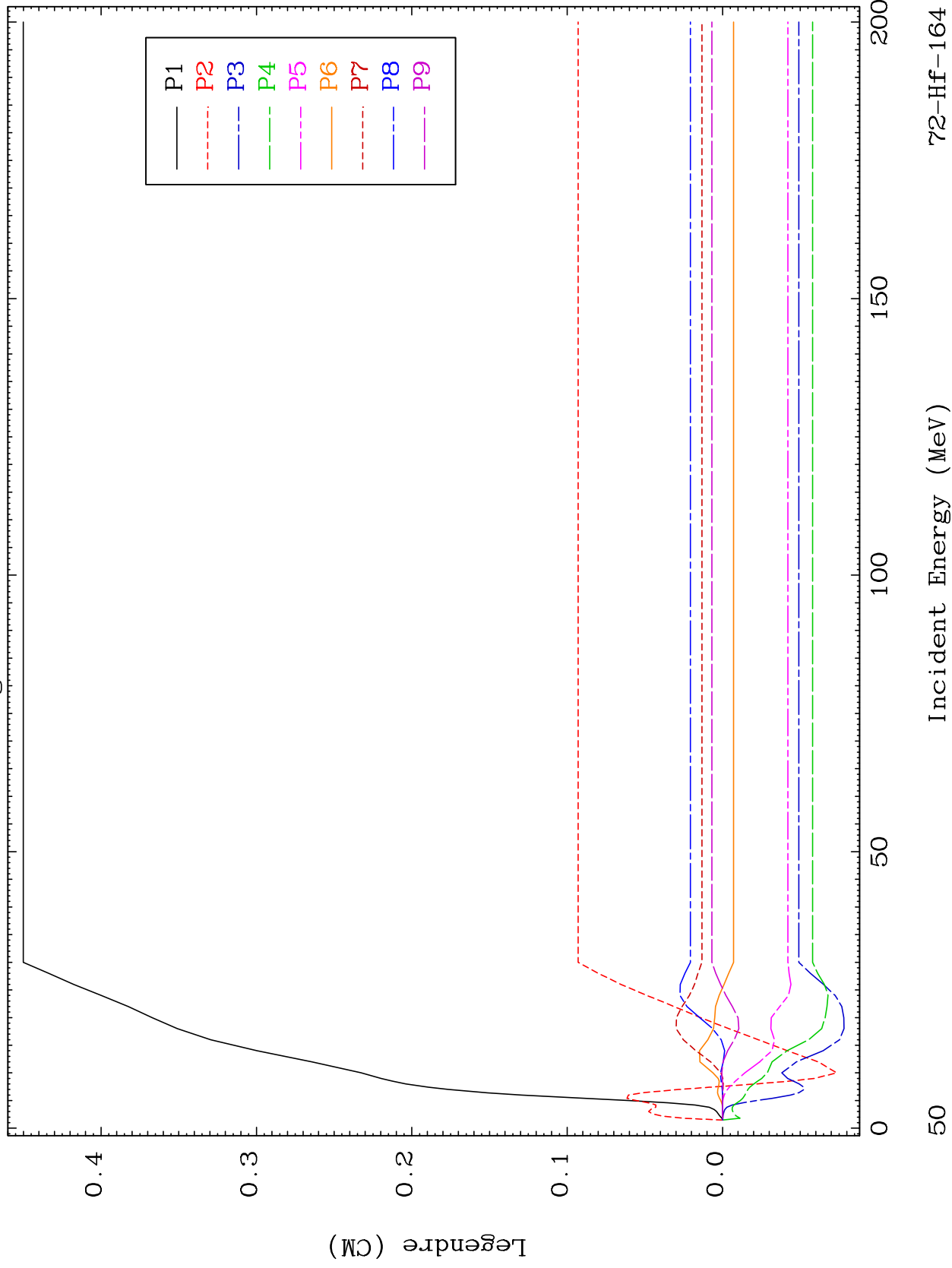
72-Hf-164



MAT 7195

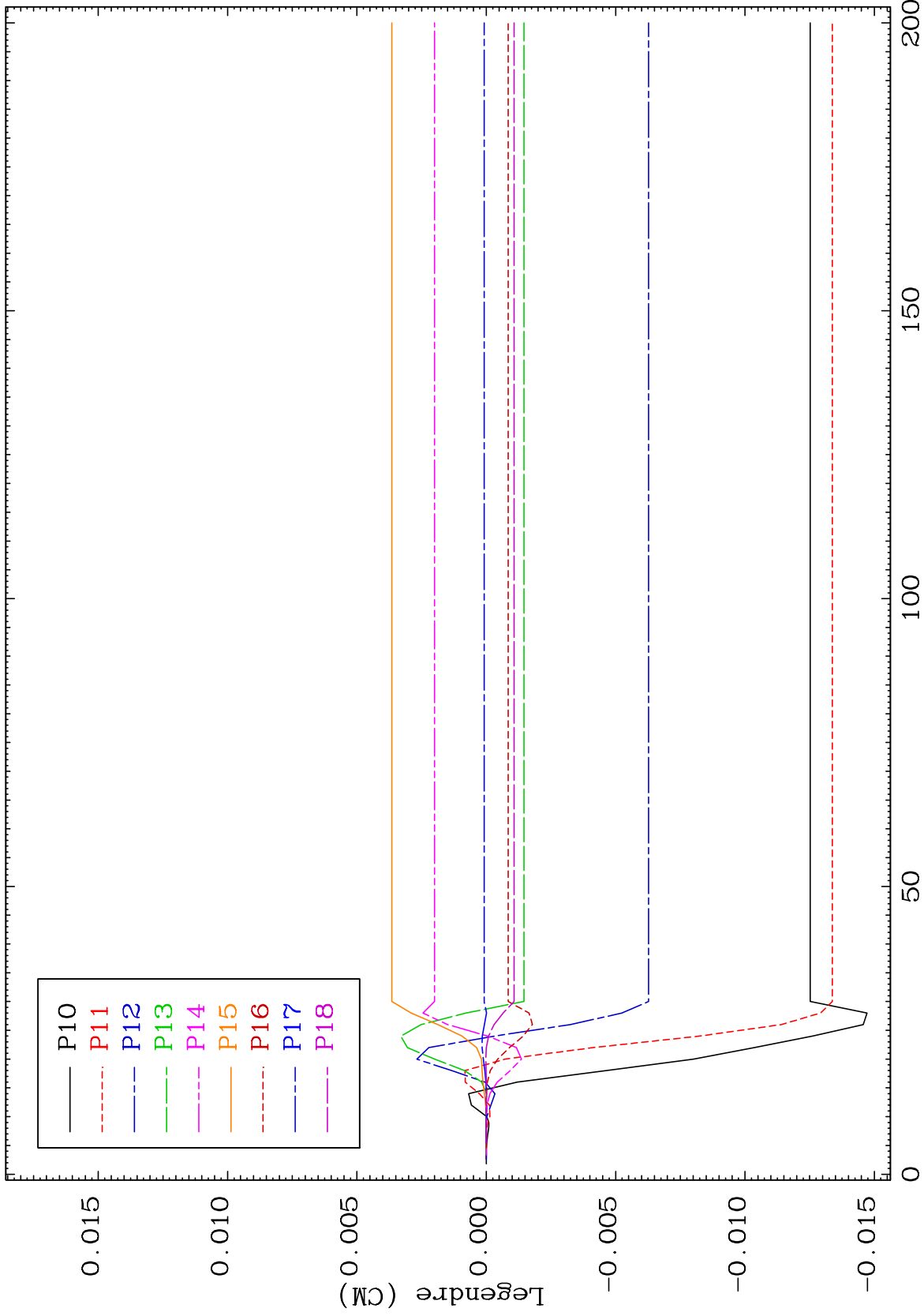
MT= 59 (n,n') Level
Legendre Coefficients

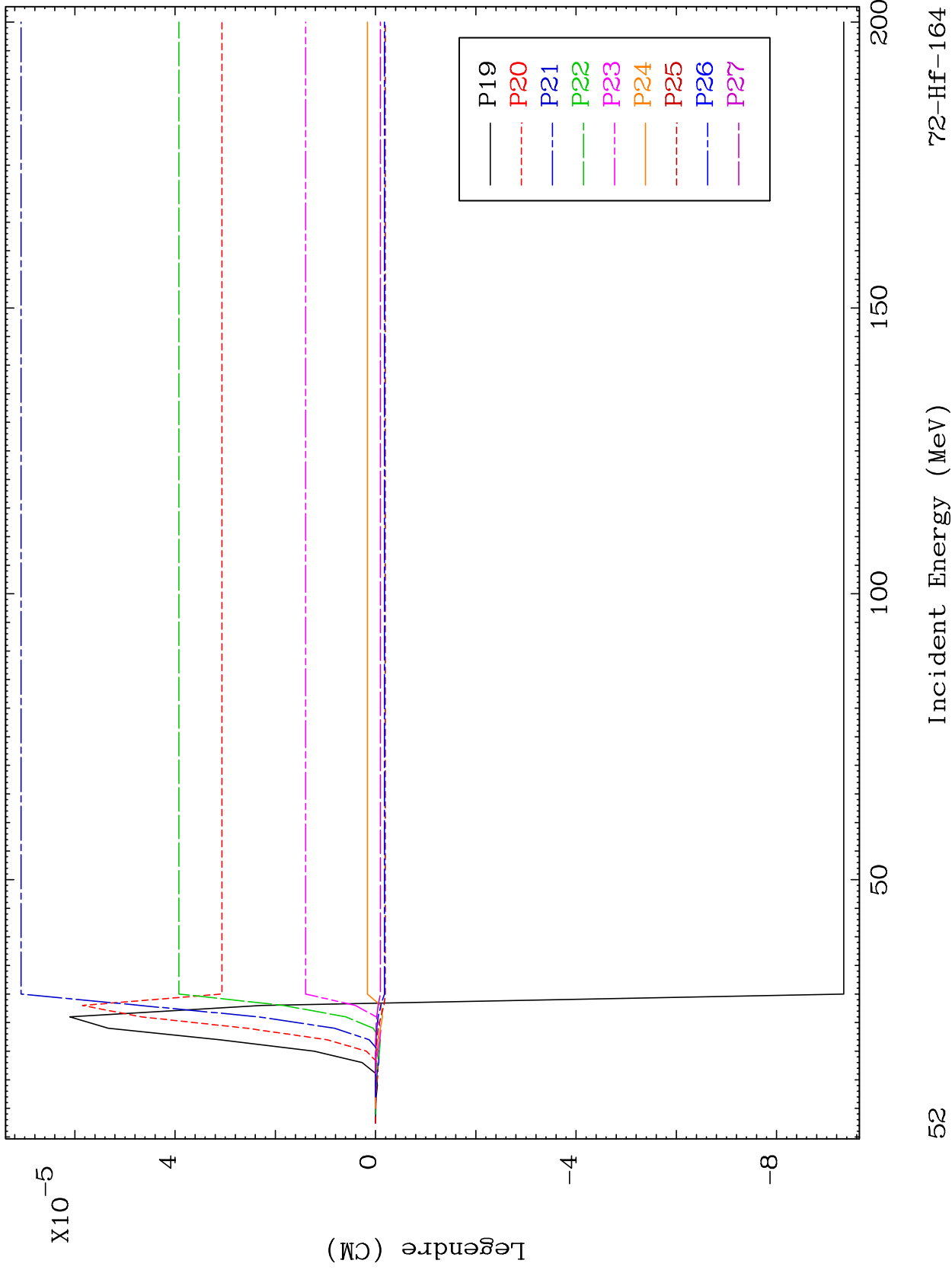
72-Hf-164



72-Hf-164

Incident Energy (MeV)



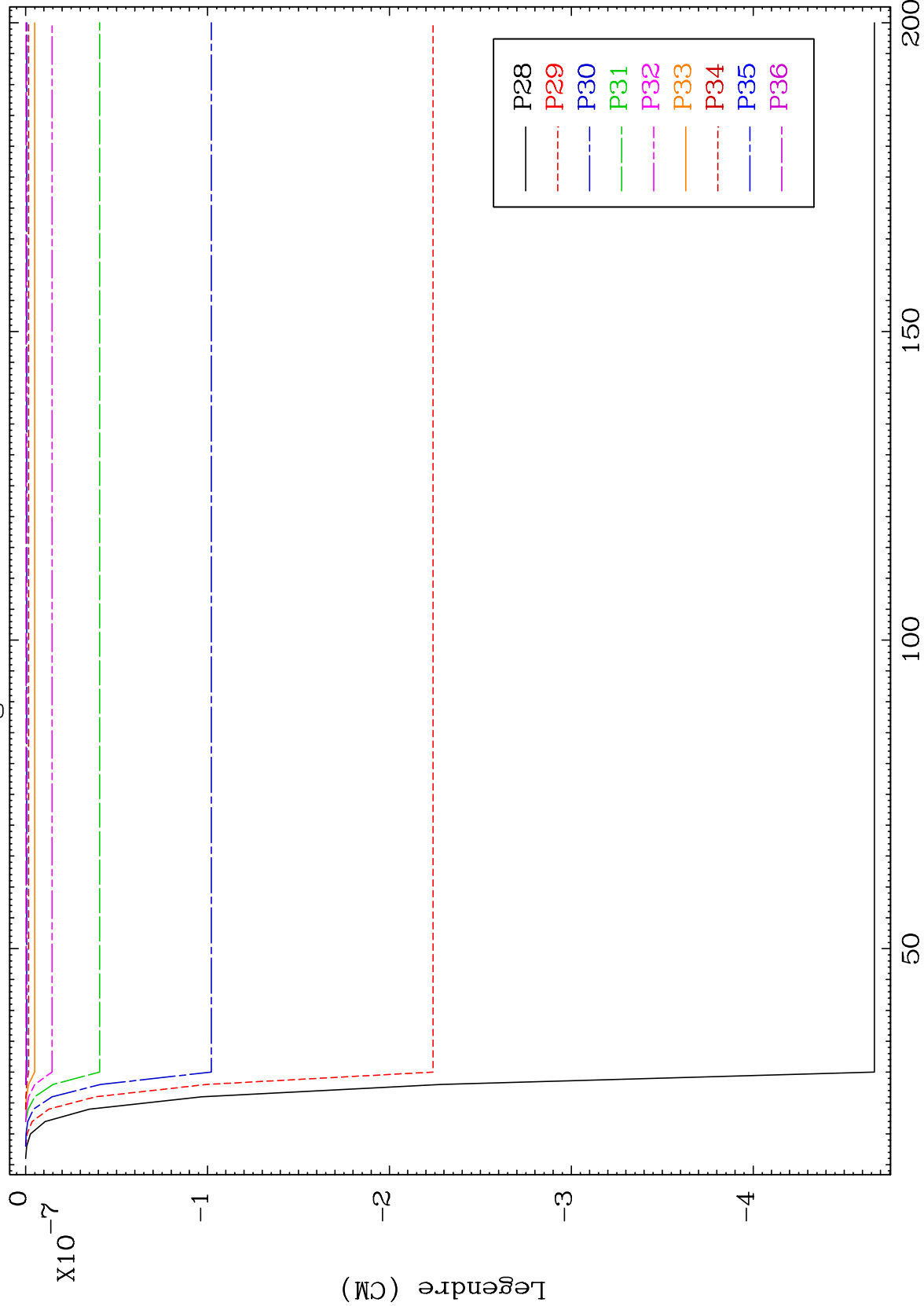


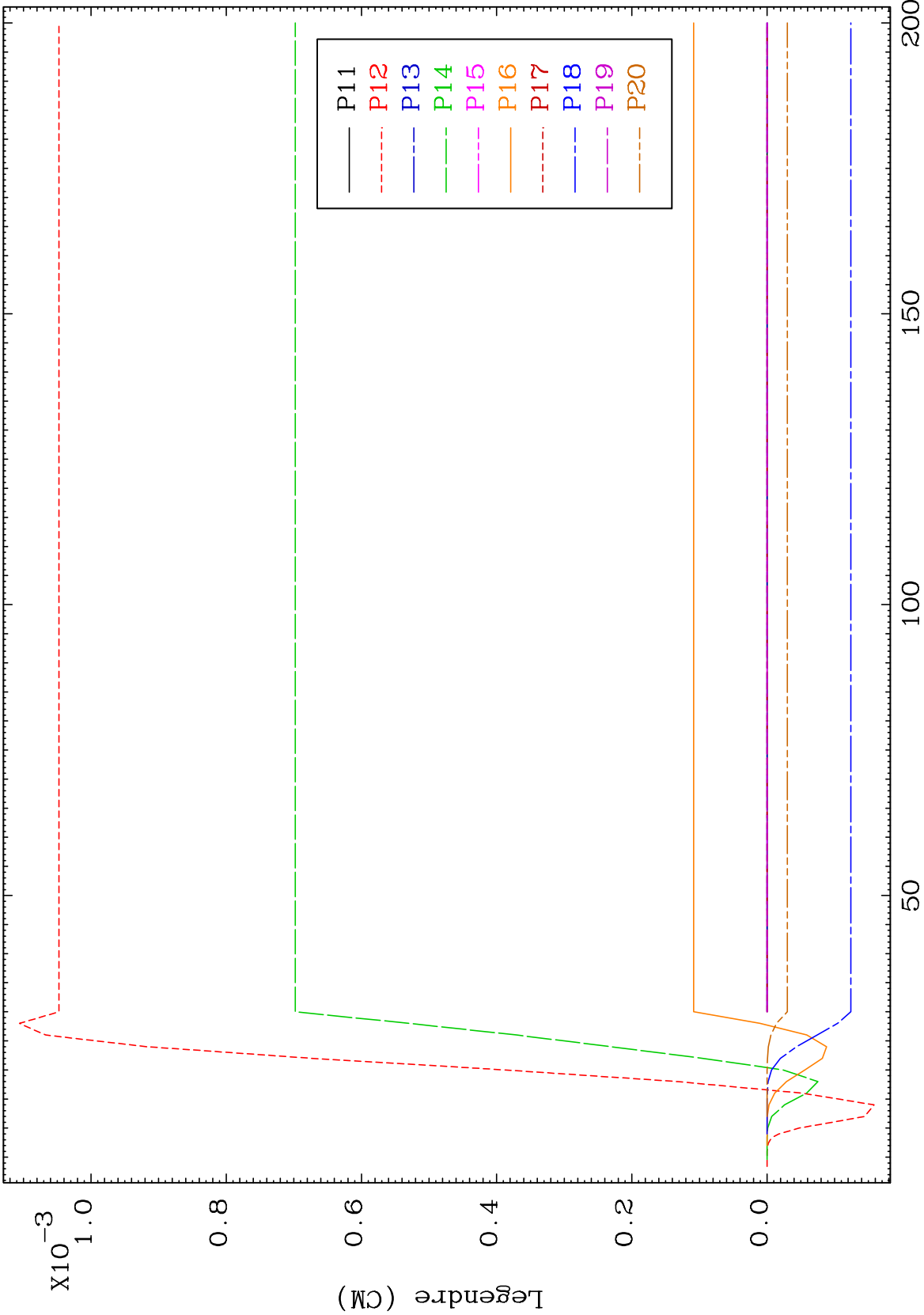
MAT 7195

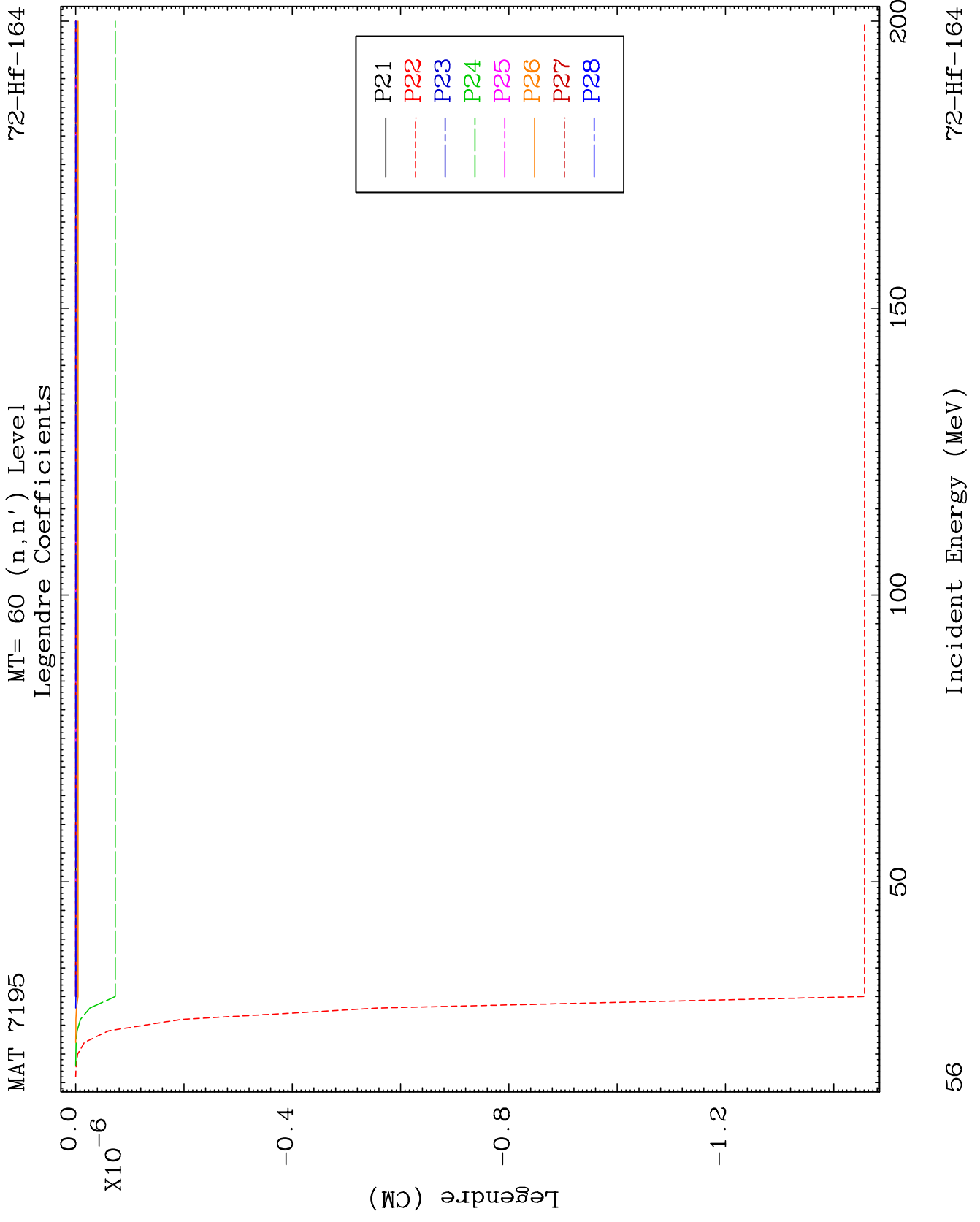
MT= 59 (n,n') Level

72-Hf-164

Legendre Coefficients



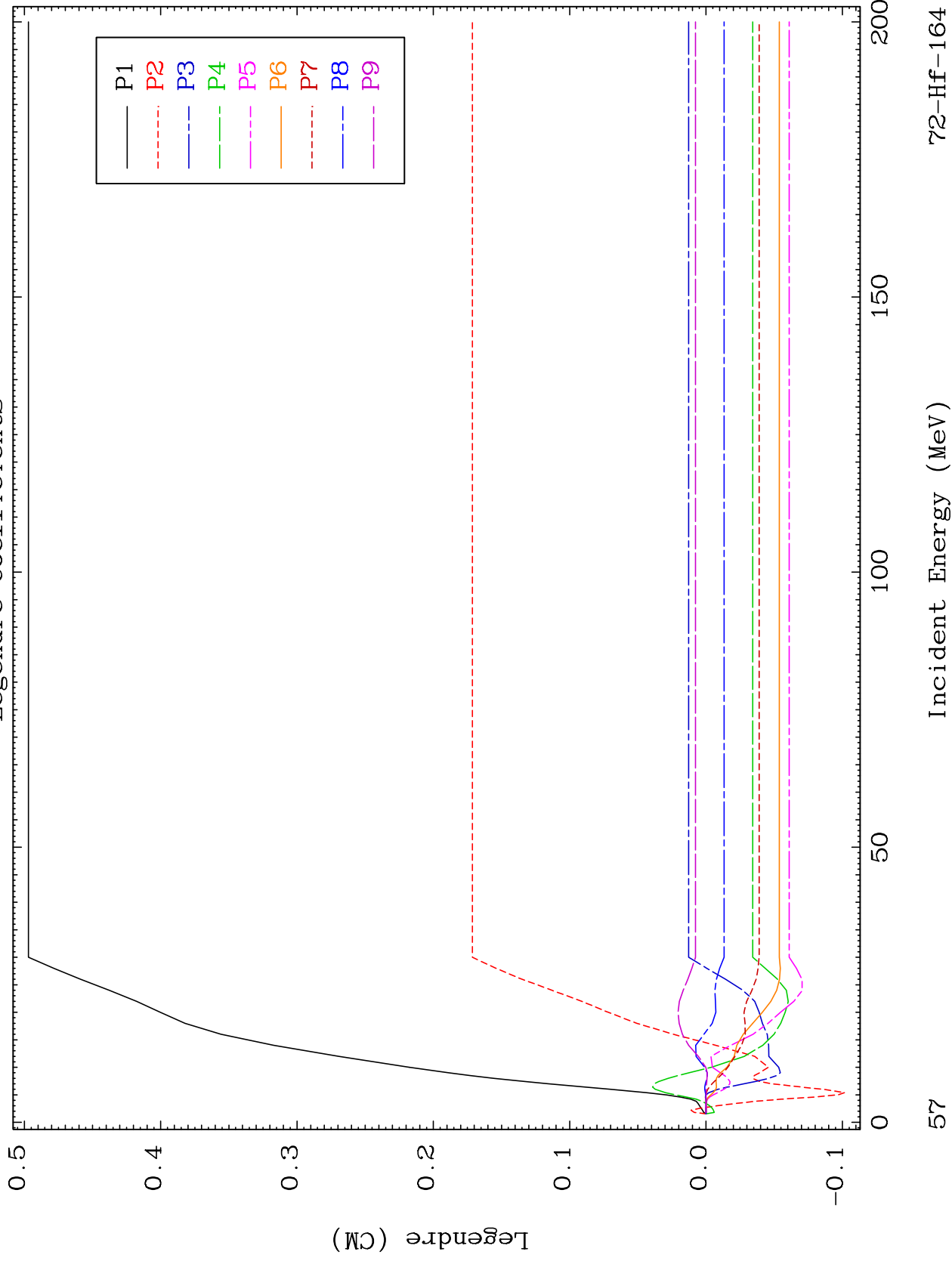




MAT 7195

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

72-Hf-164



57

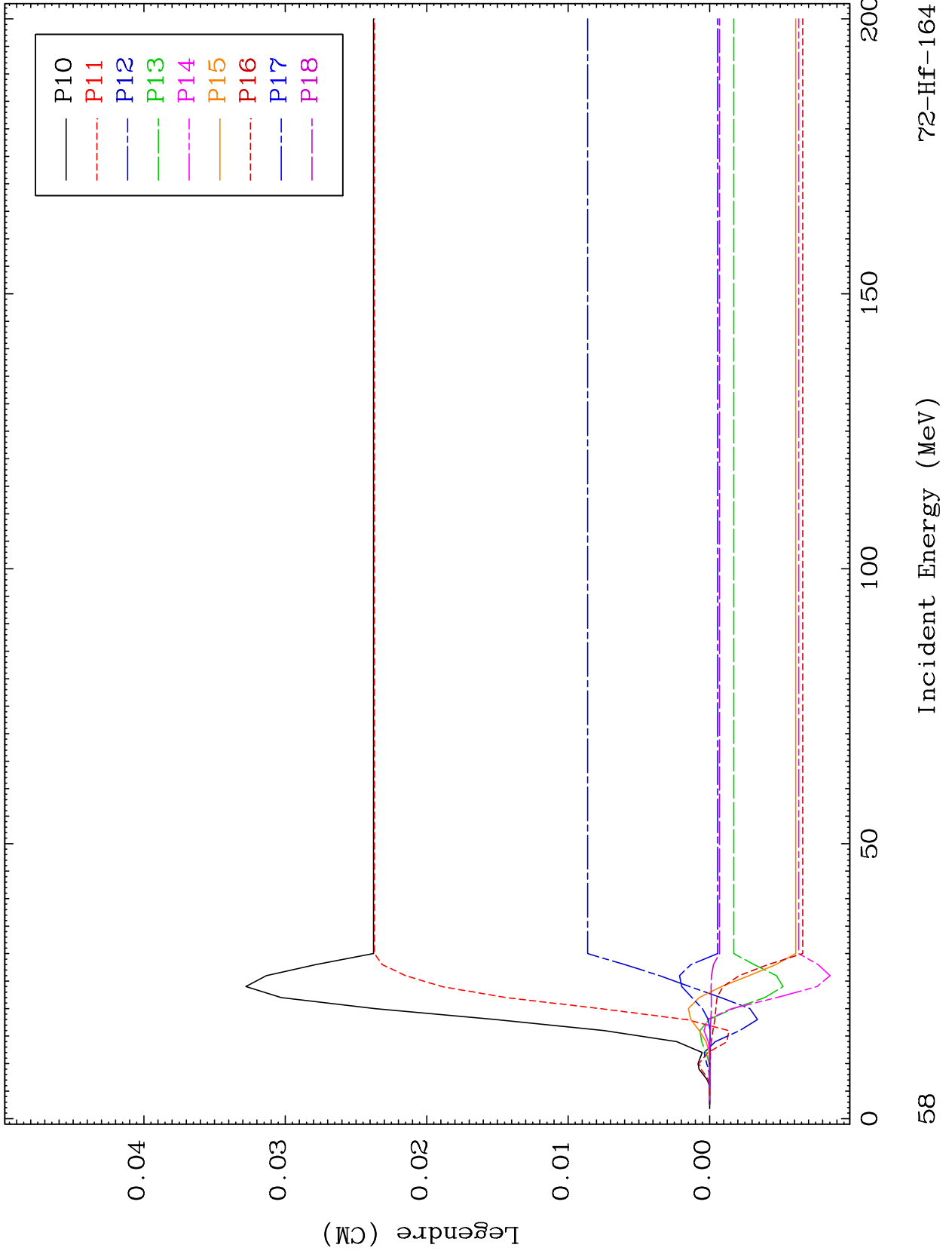
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

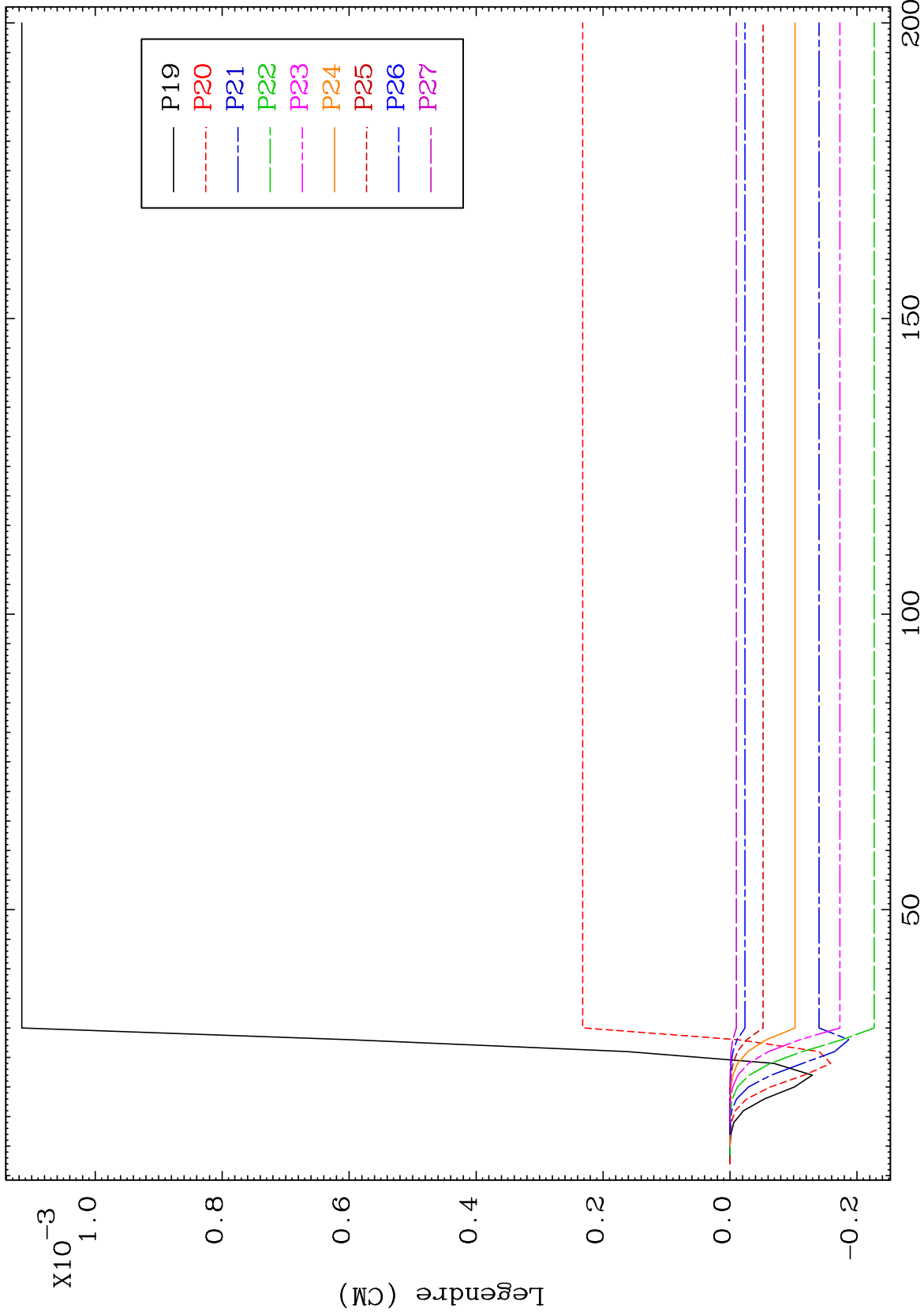
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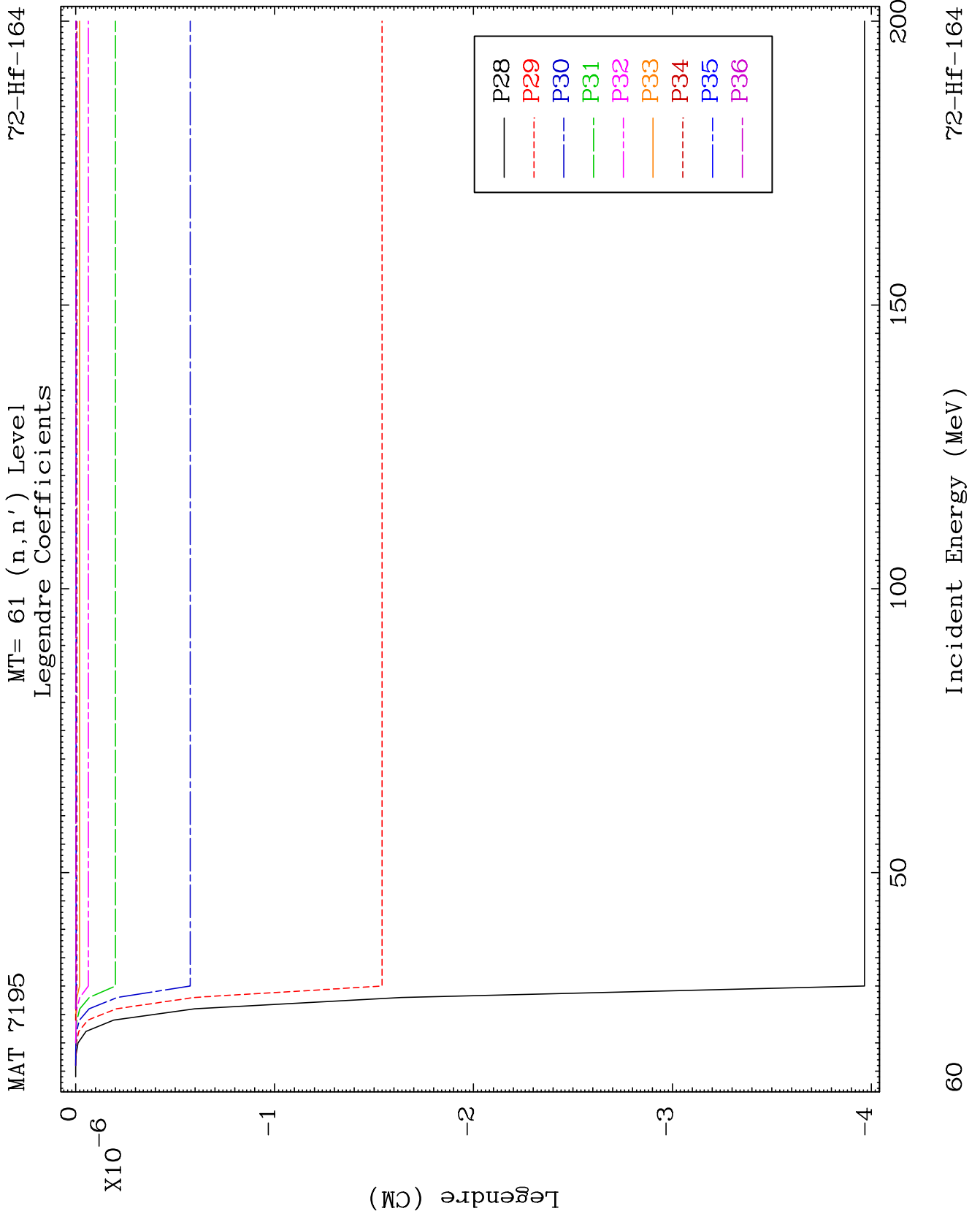


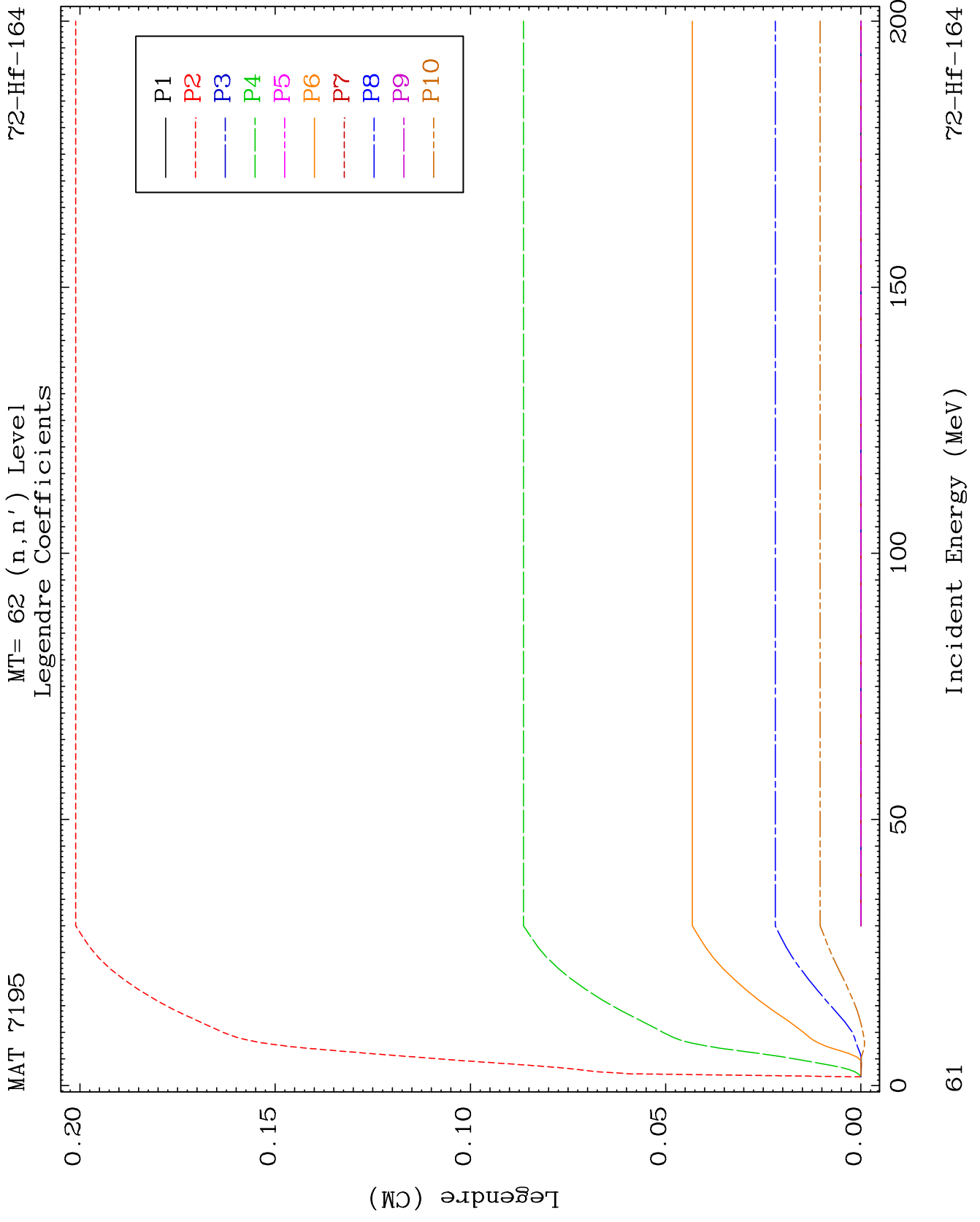
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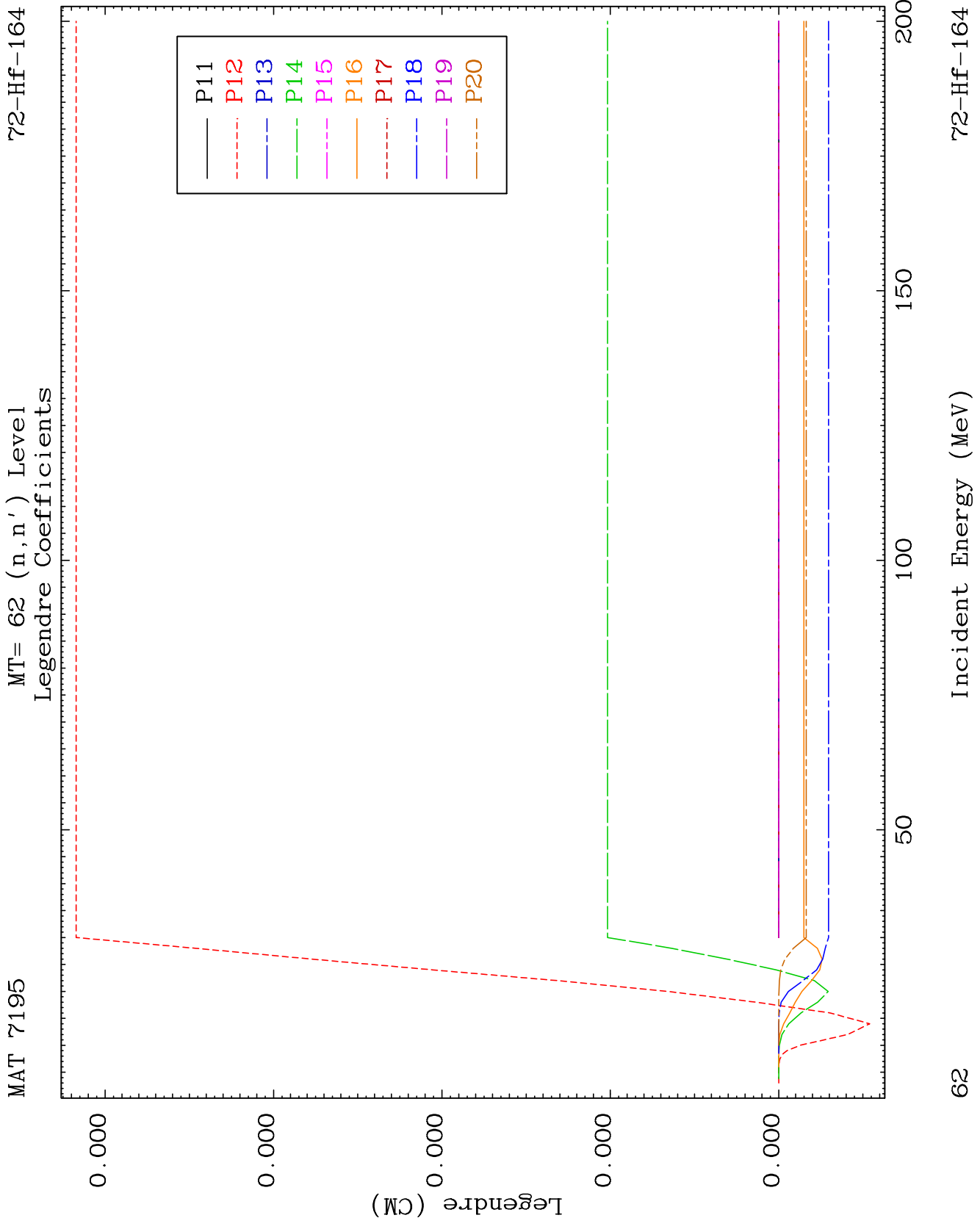
Incident Energy (MeV)

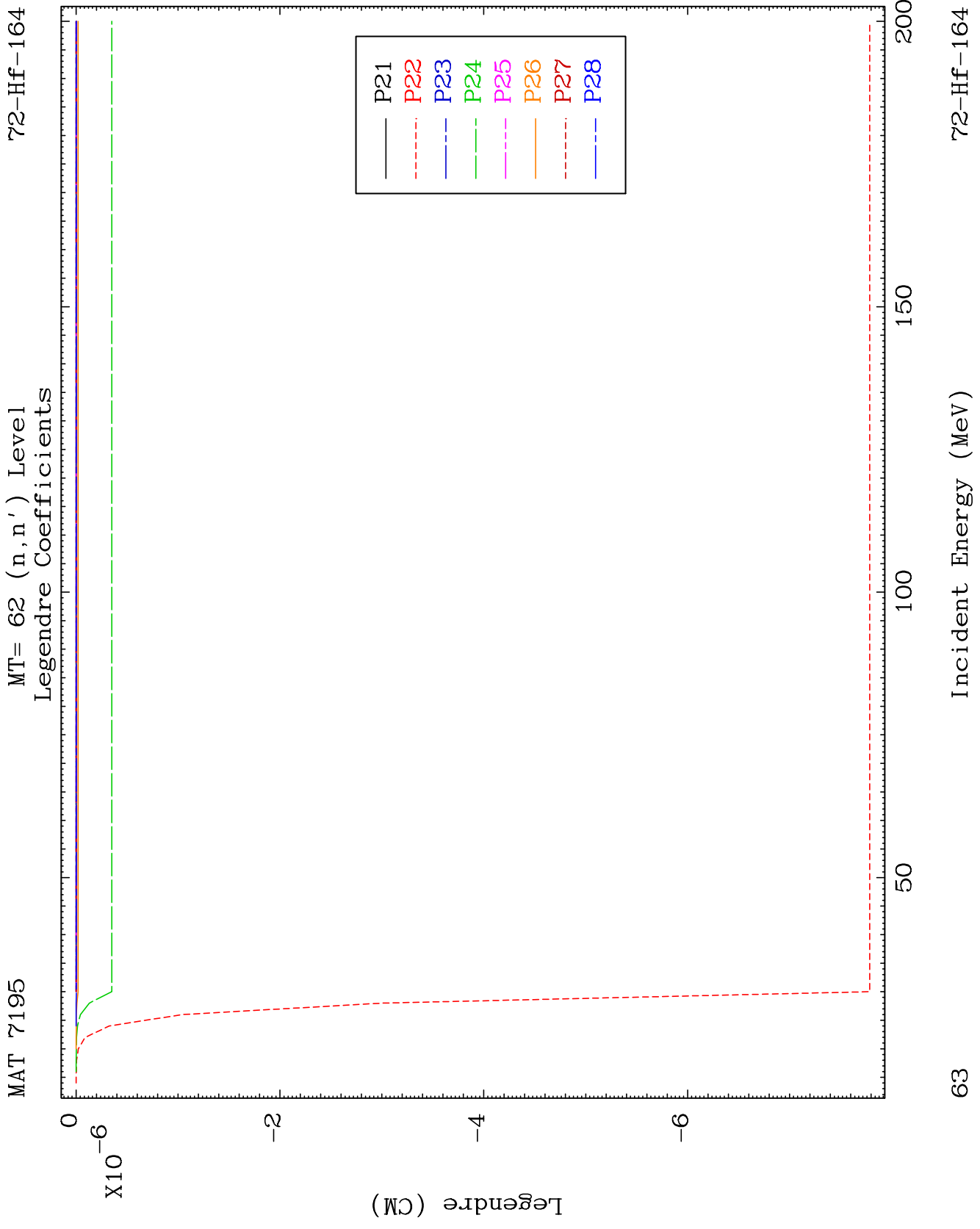
72-Hf-164







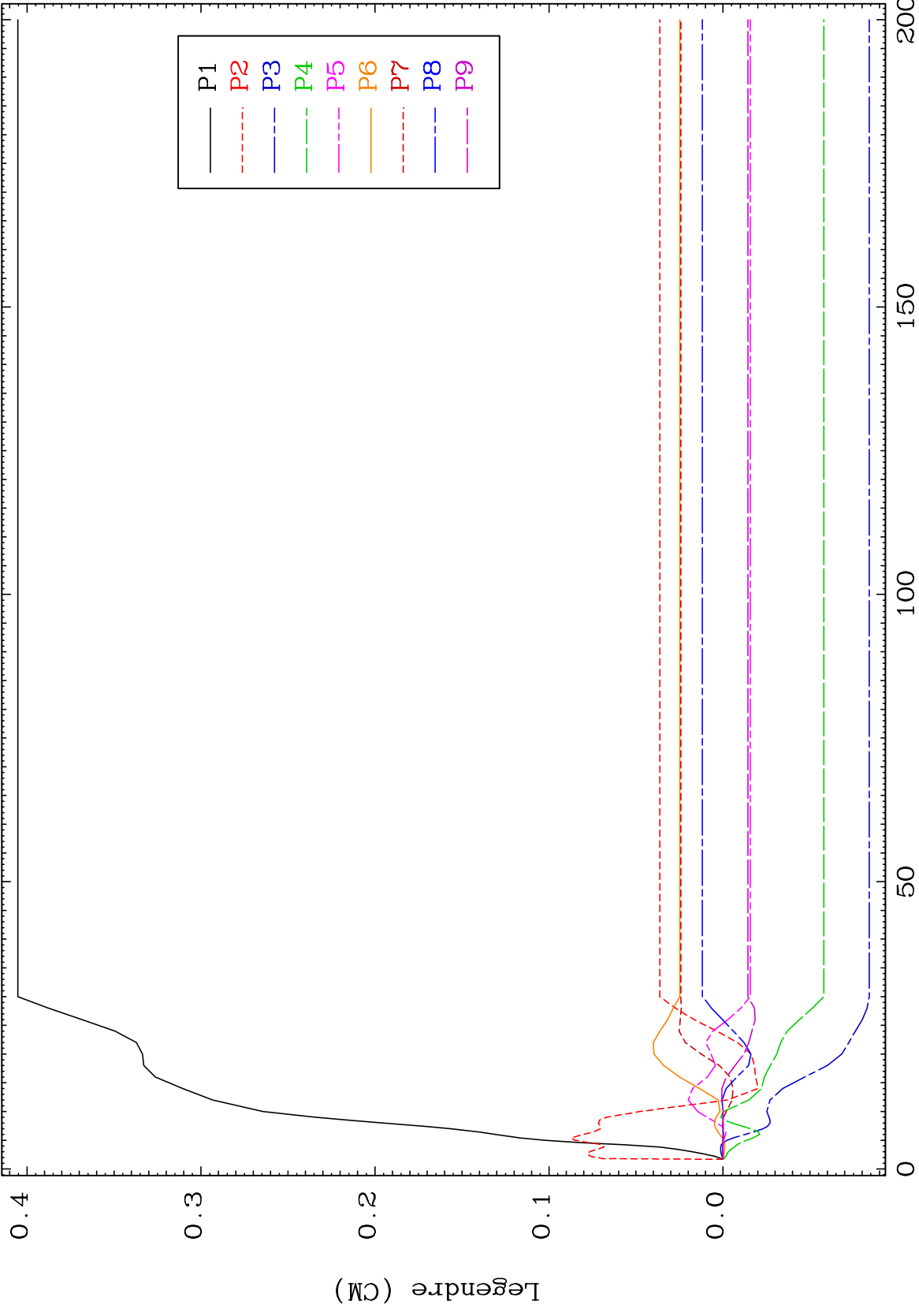




MAT 7195

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

72-Hf-164



64

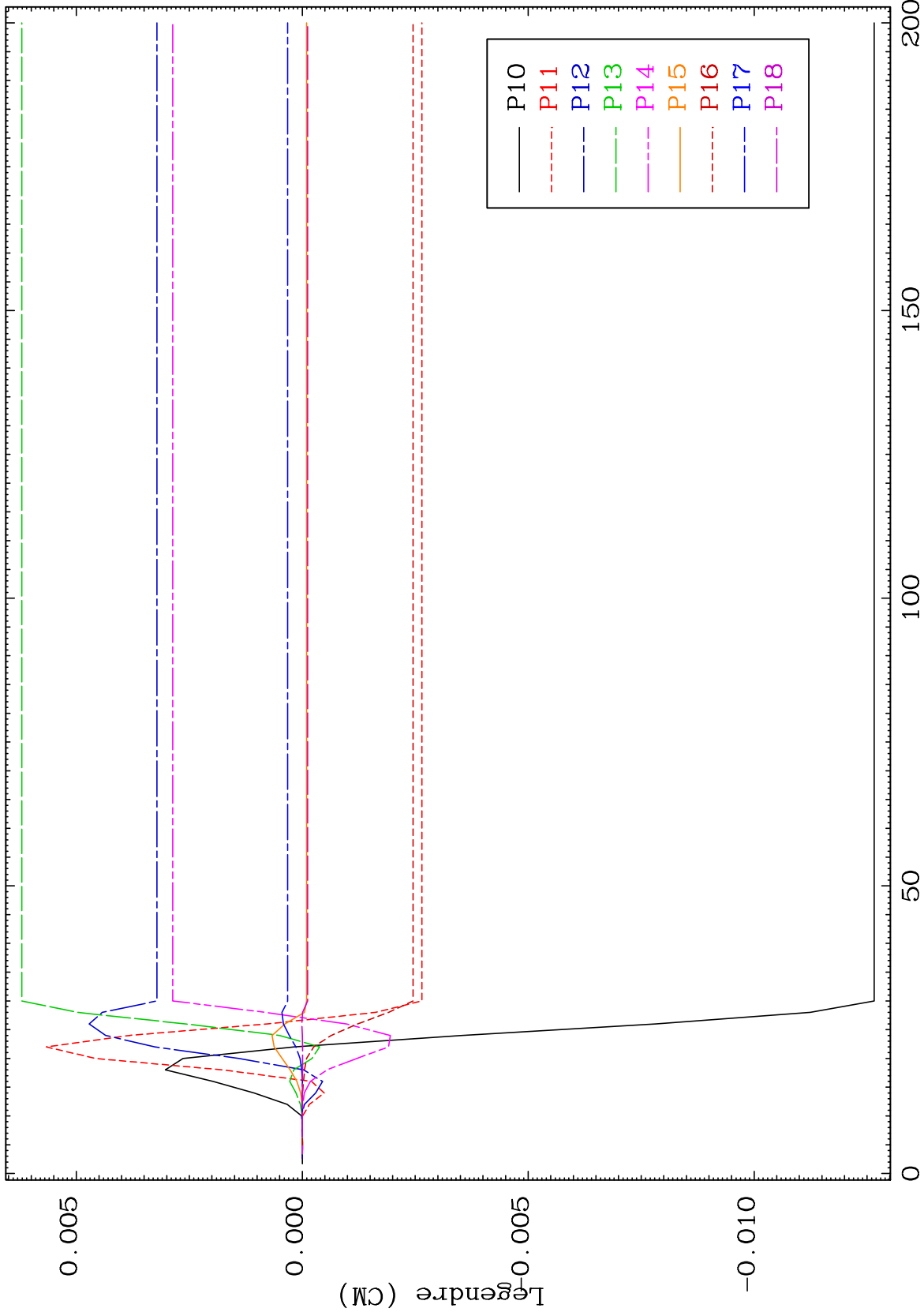
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



65

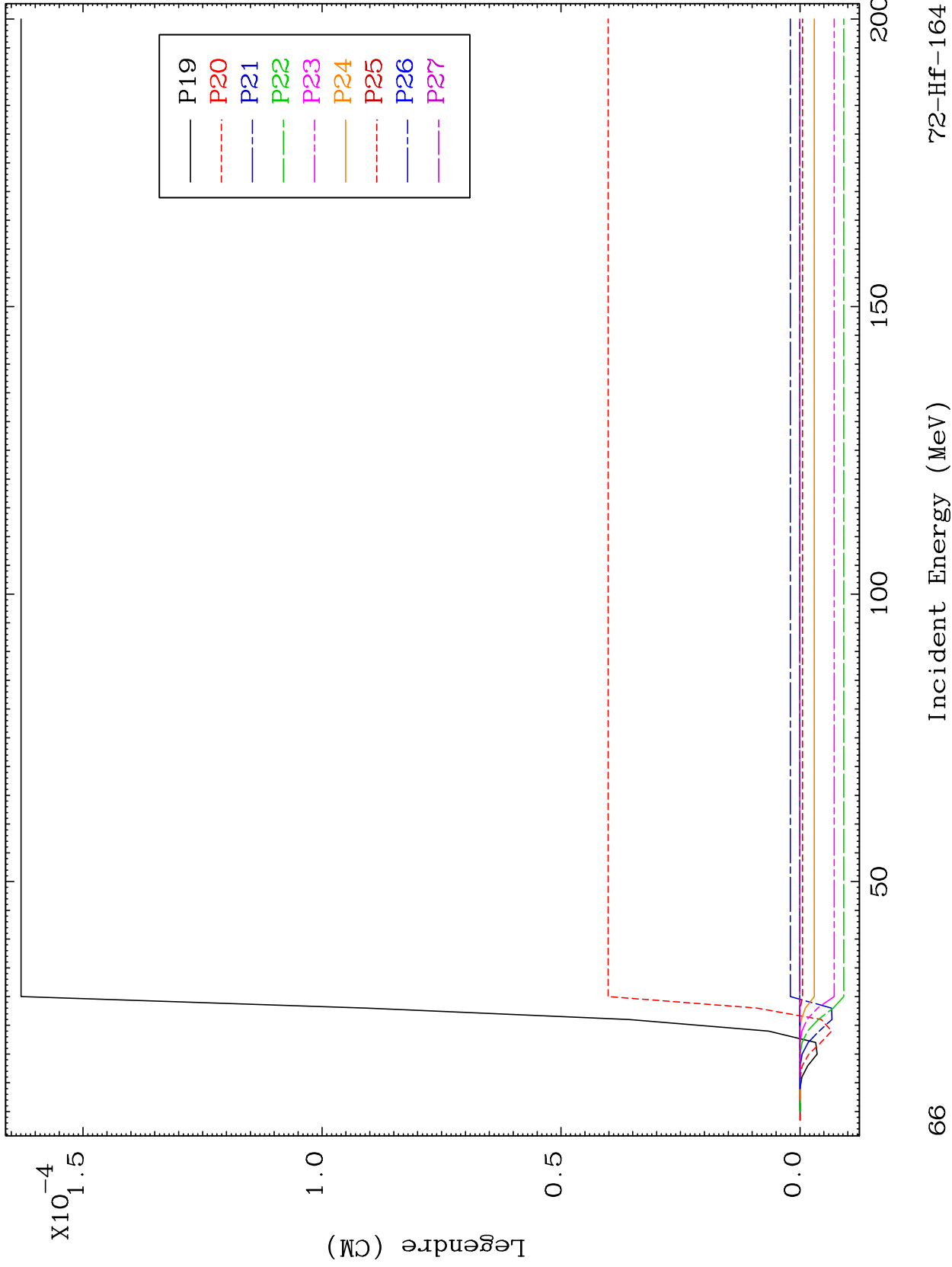
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



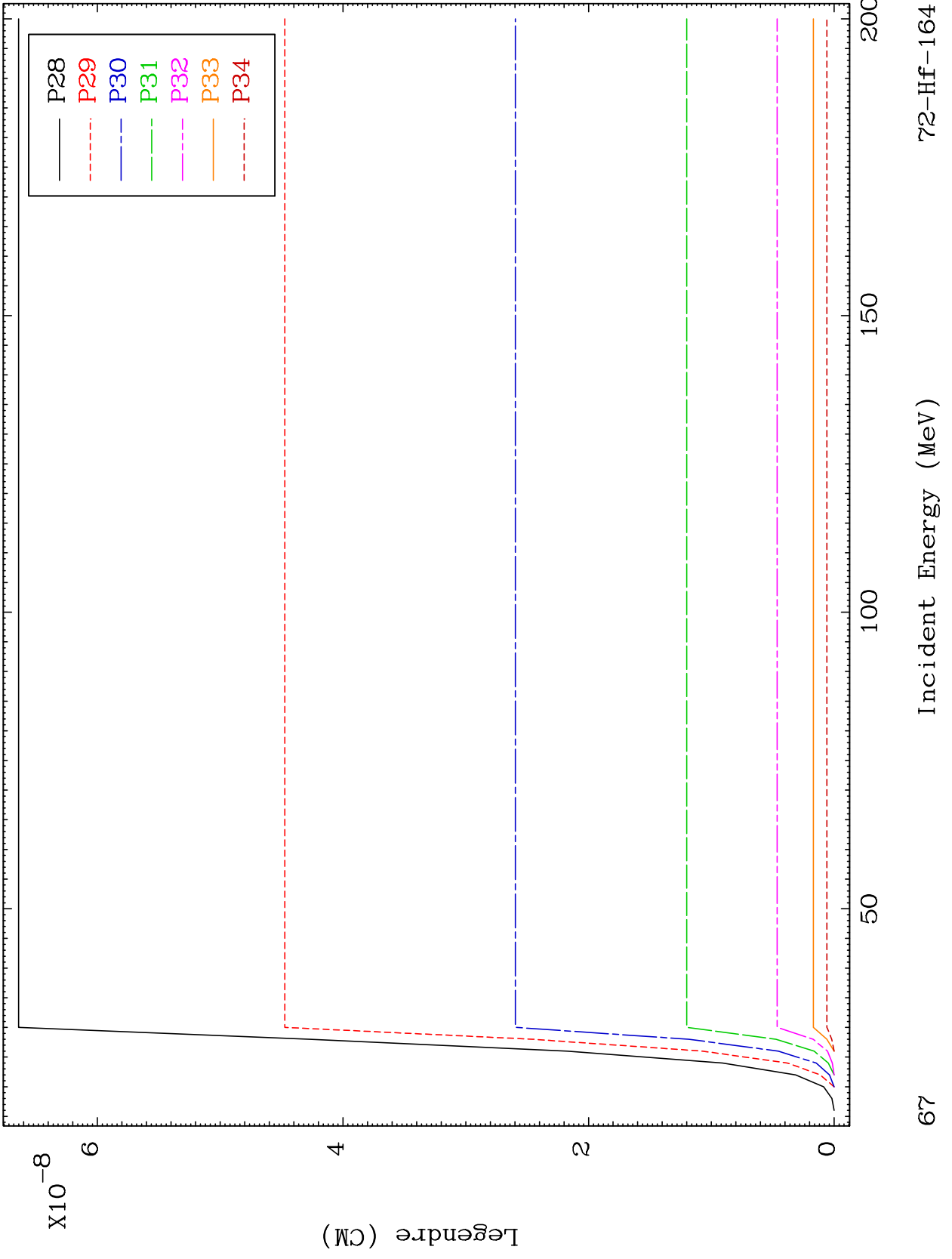
66

72-Hf-164

MAT 7195

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

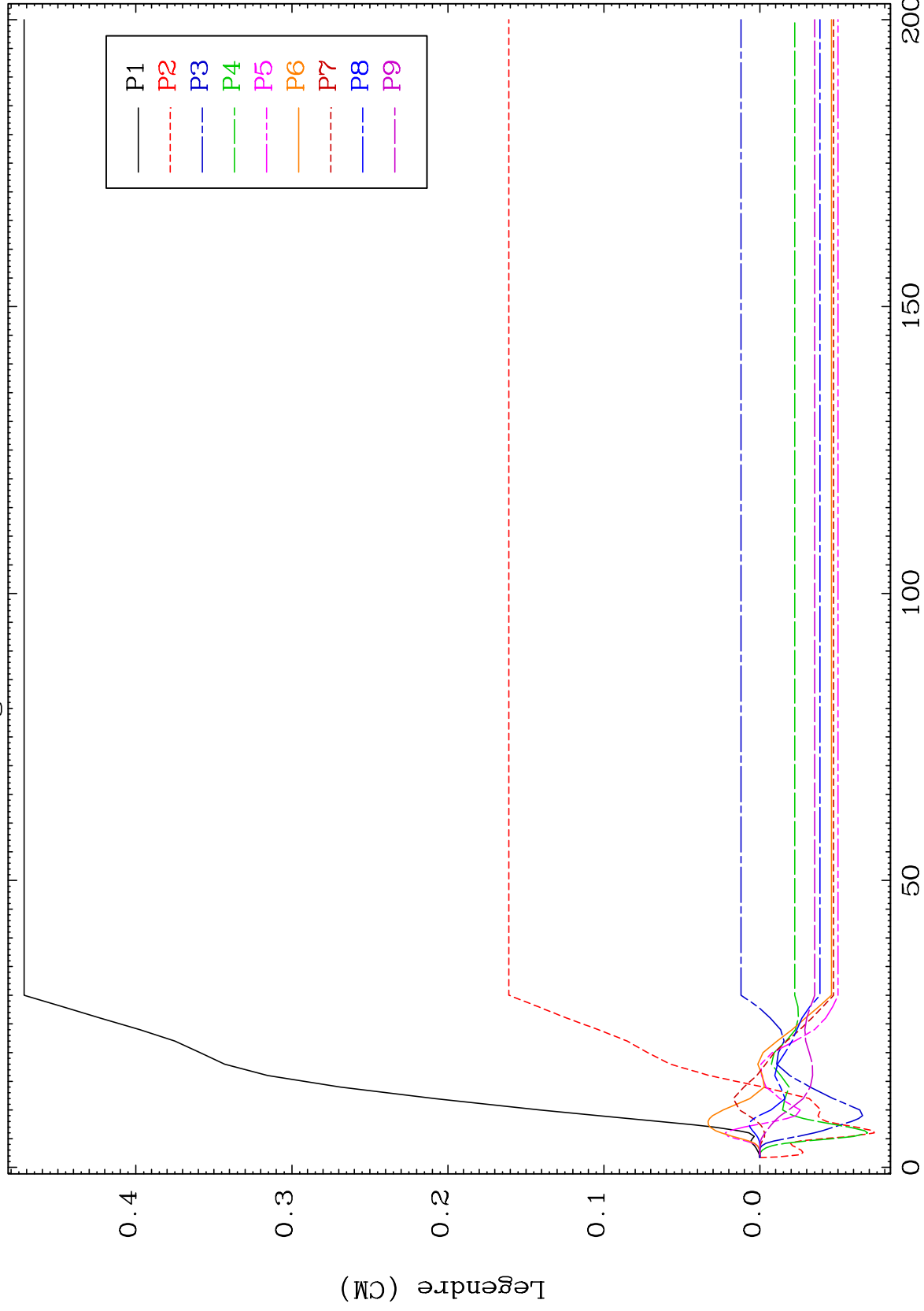
72-Hf-164



MAT 7195

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

72-Hf-164



68

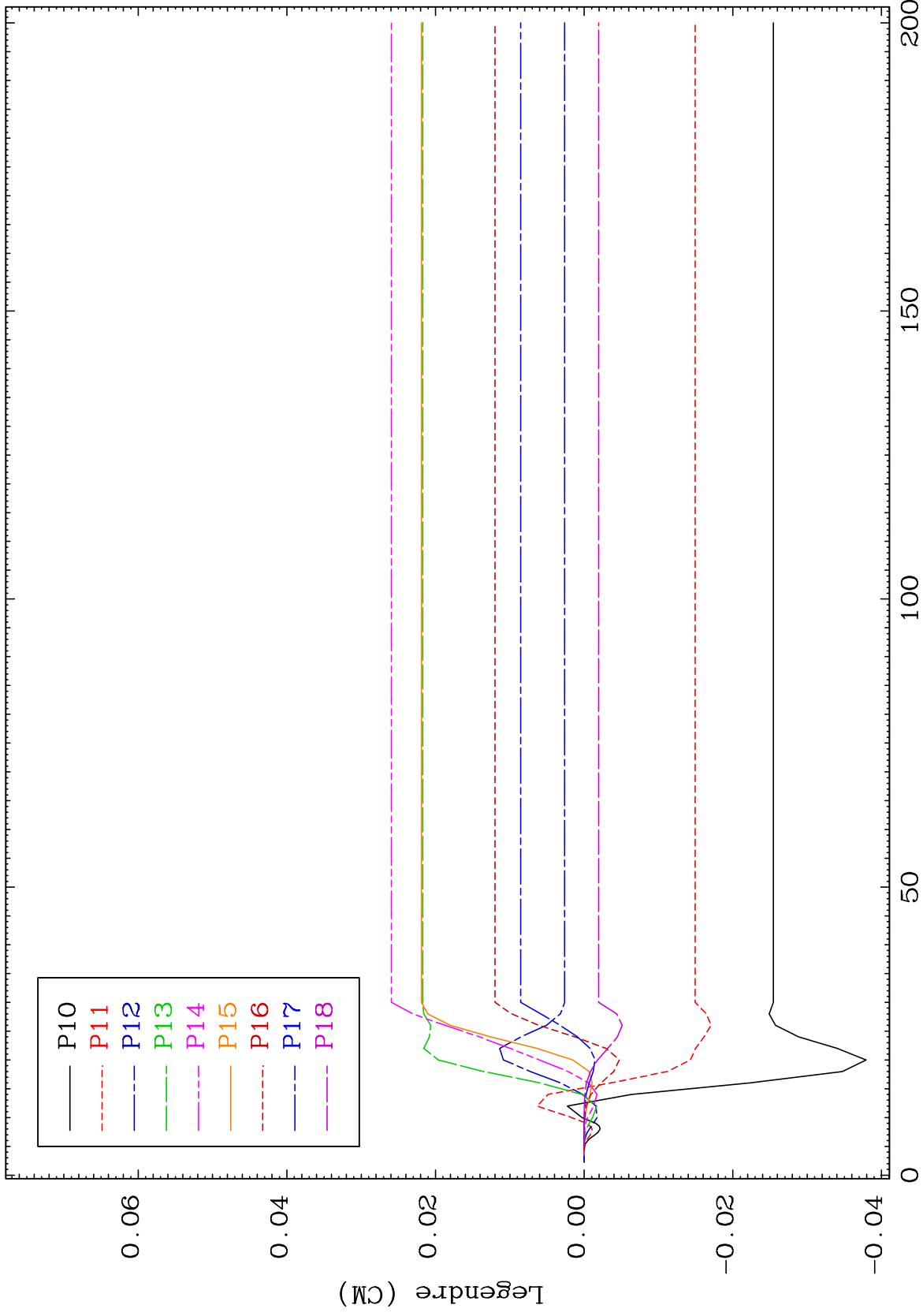
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



69

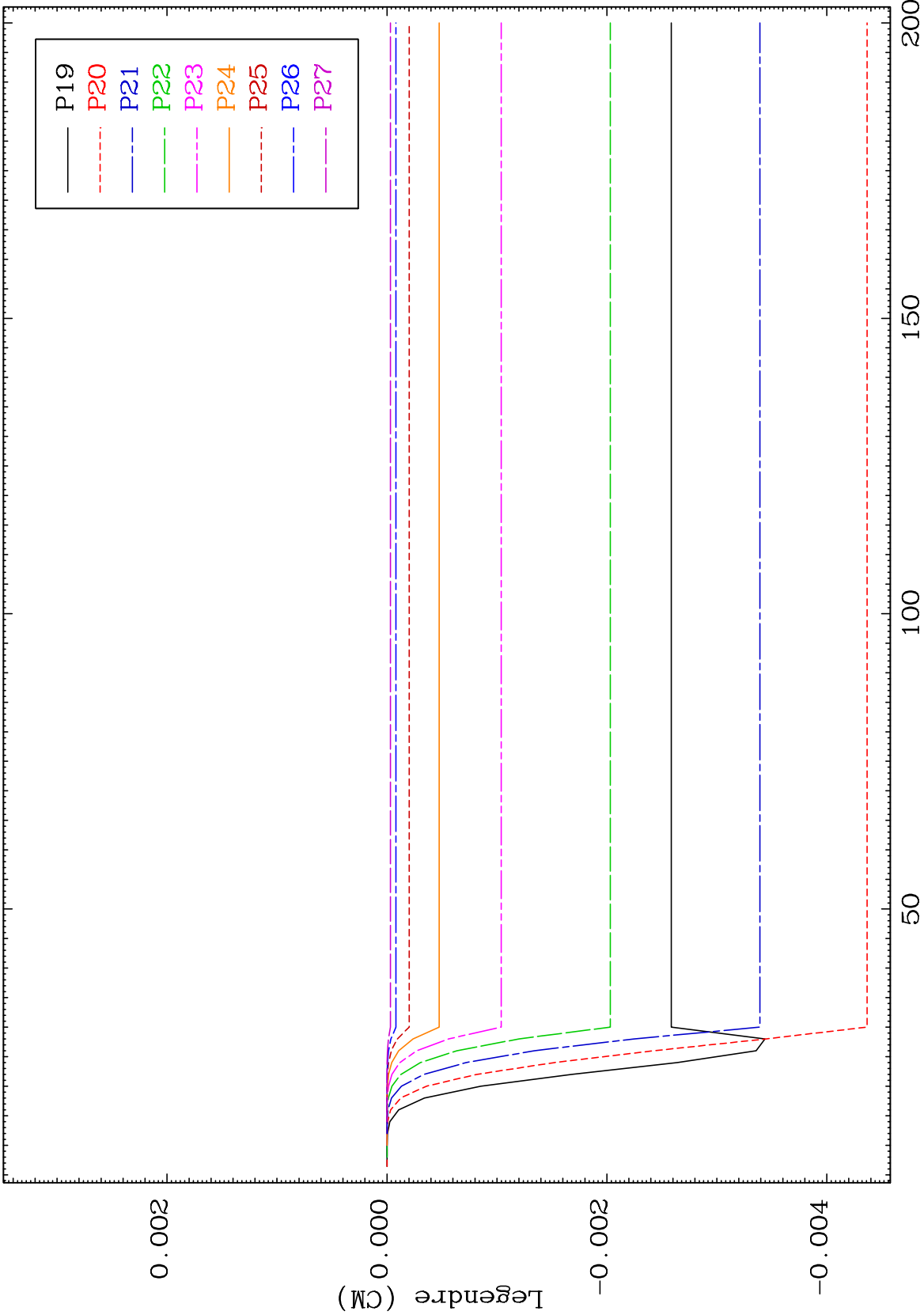
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



70

Incident Energy (MeV)

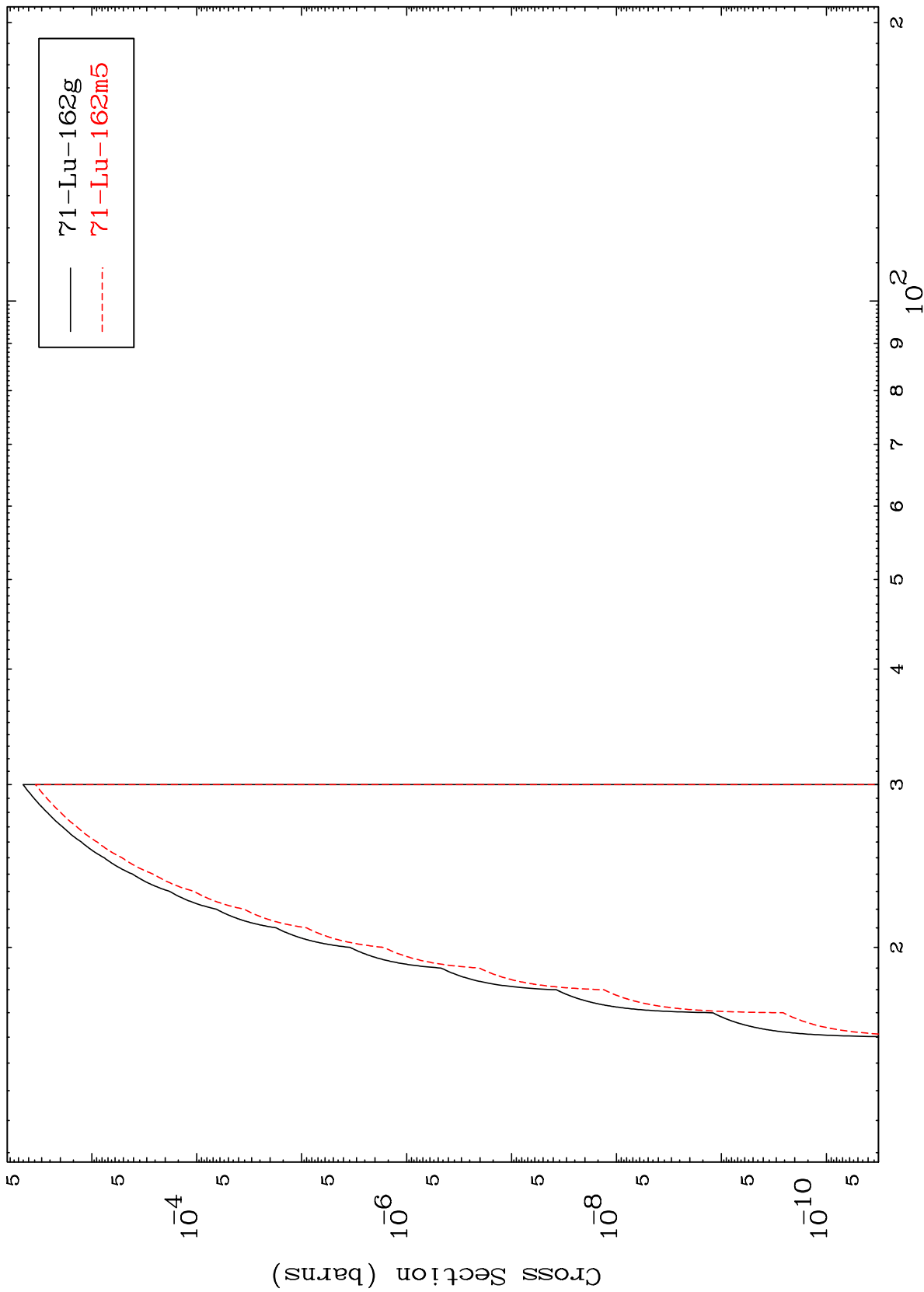
72-Hf-164

MAT 7195

(n,n') d

72-Hf-164

Radionuclide Production Cross Section



72

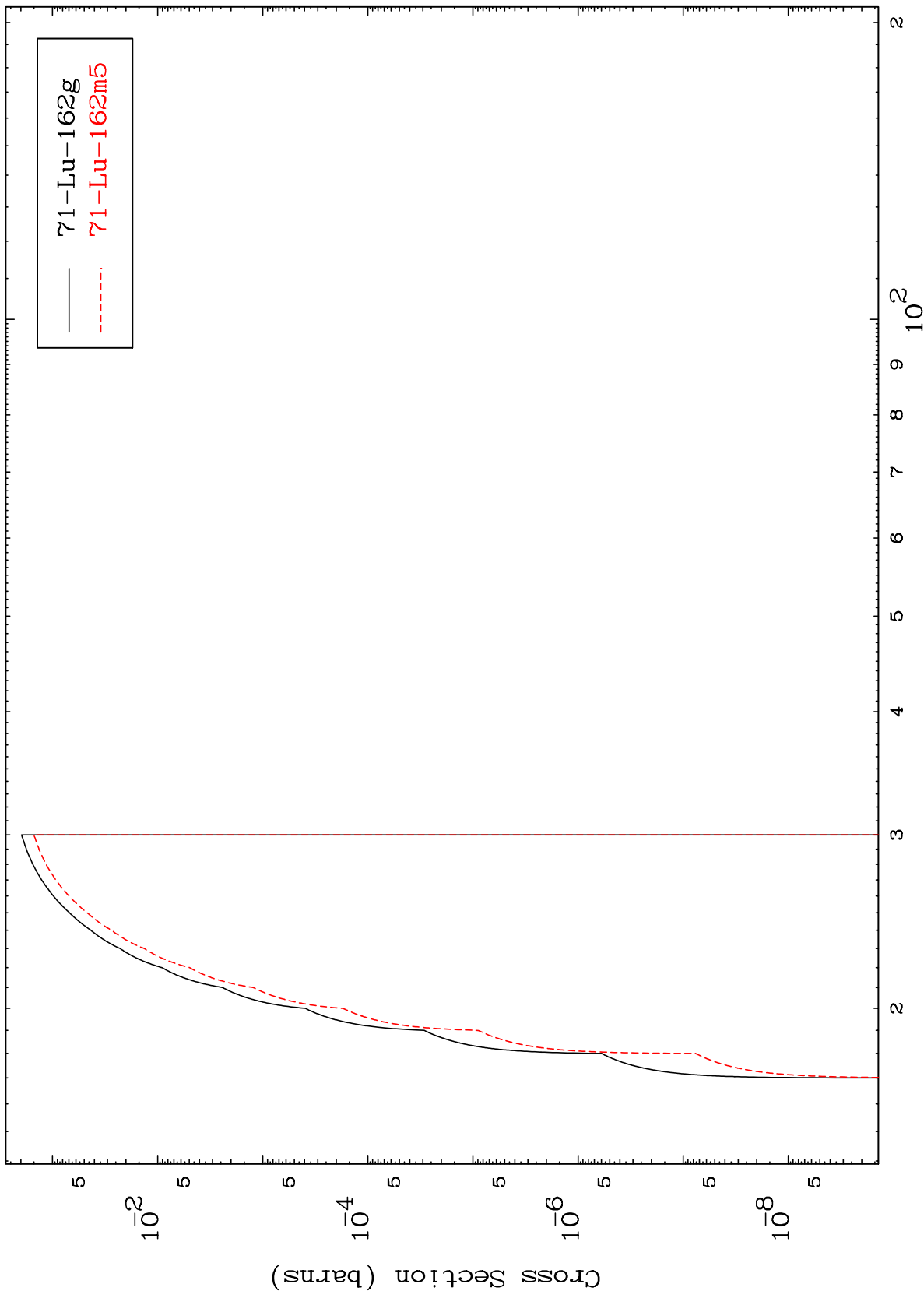
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

(n,2n) p
Radionuclide Production Cross Section



73

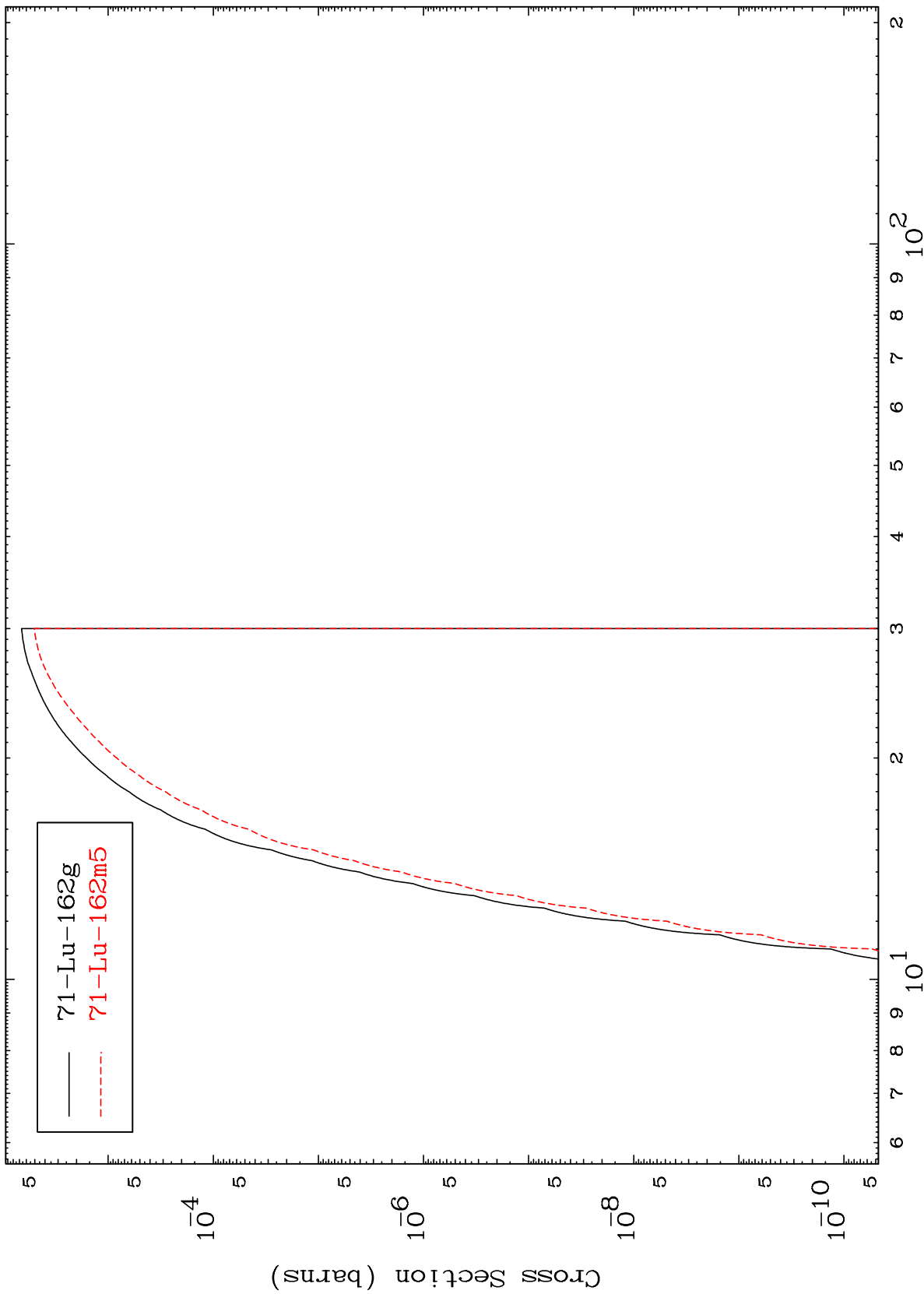
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

(n, t)
Radionuclide Production Cross Section



74

Incident Energy (MeV)

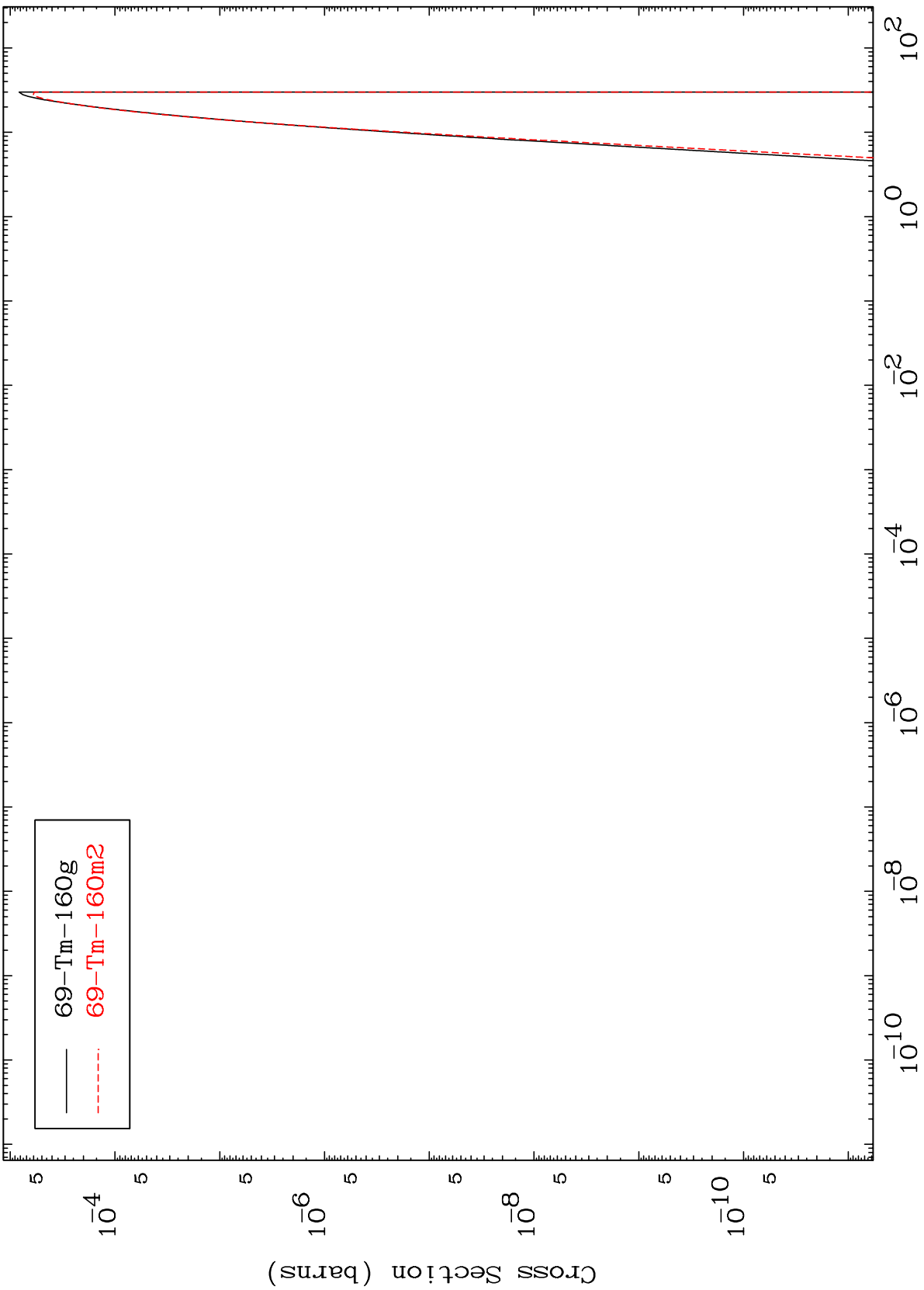
72-Hf-164

MAT 7195

(n,p) α

72-Hf-164

Radionuclide Production Cross Section



75

Incident Energy (MeV)

72-Hf-164