

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

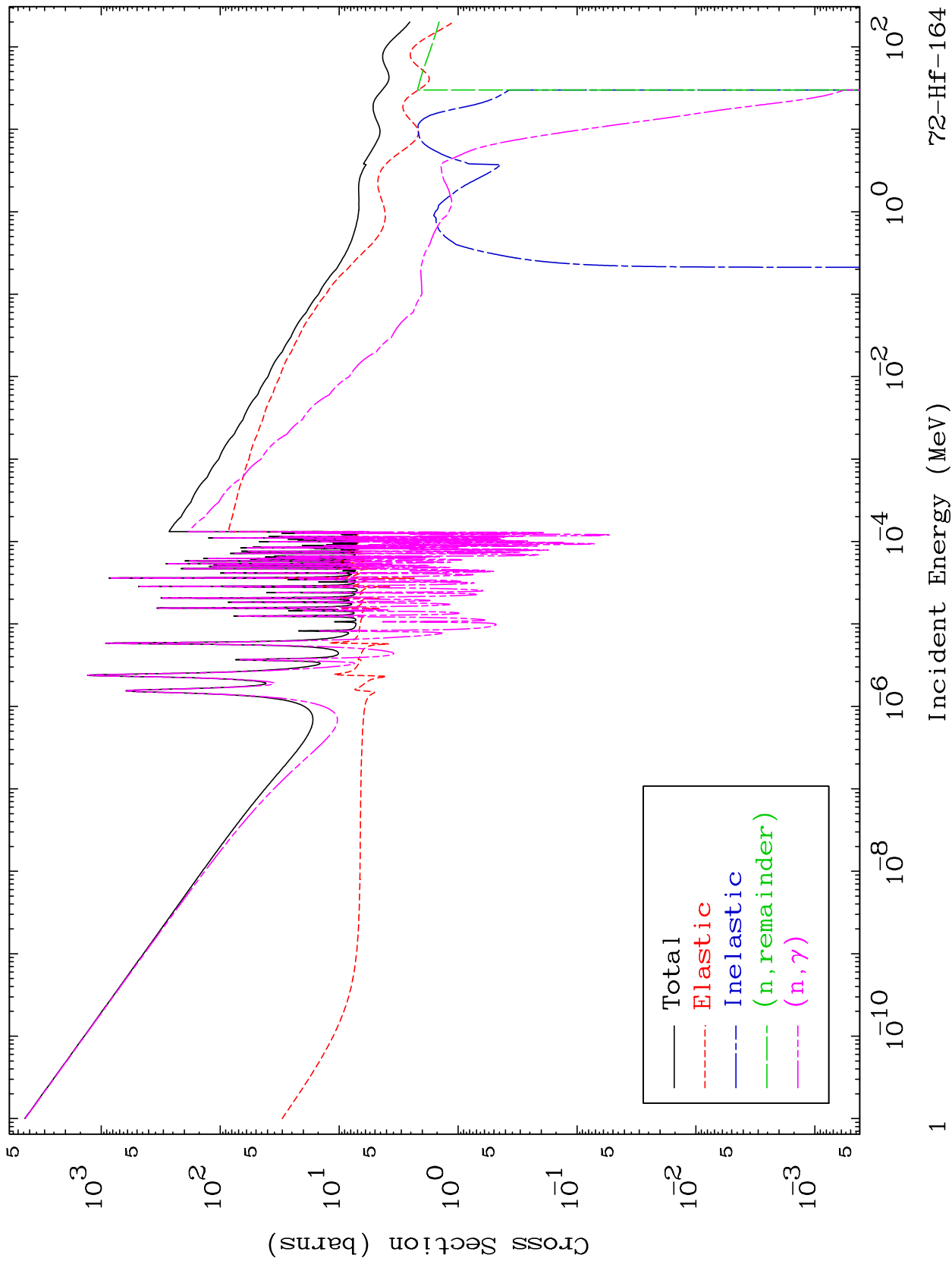
Press Mouse Button to Start

MAT 7195

Major

293 Kelvin Cross Sections

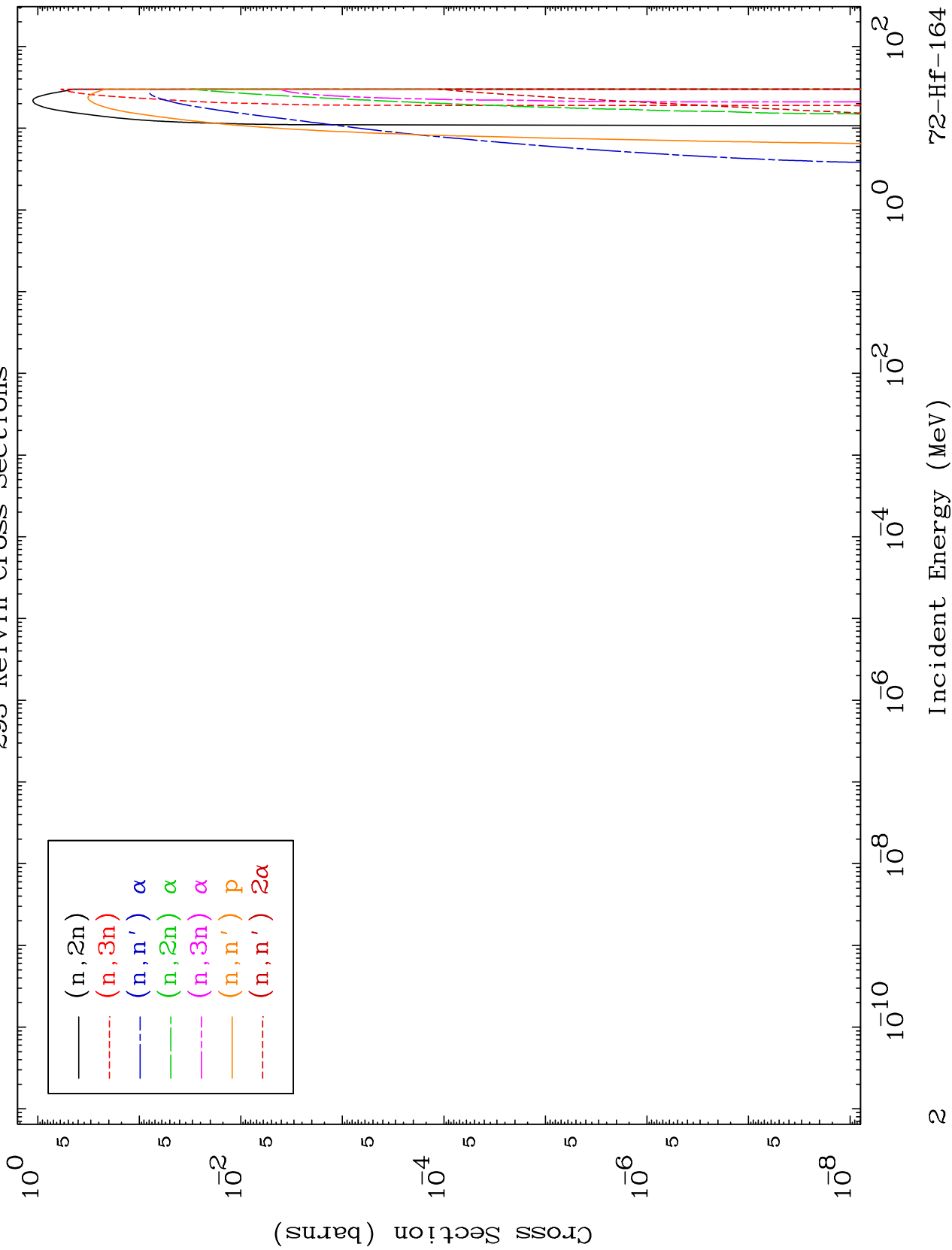
72-Hf-164

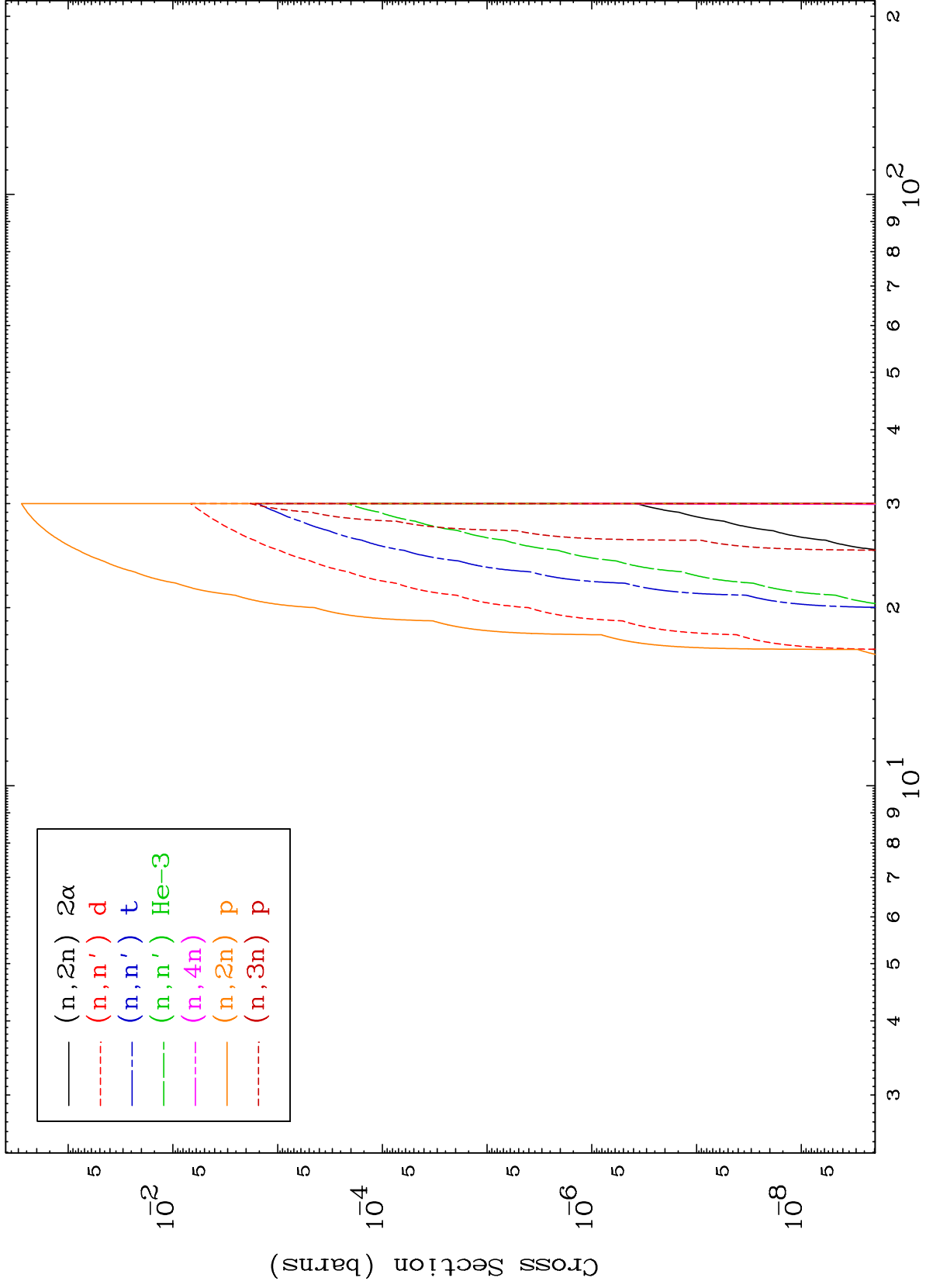


MAT 7195

Neutron Production
293 Kelvin Cross Sections

72-Hf-164

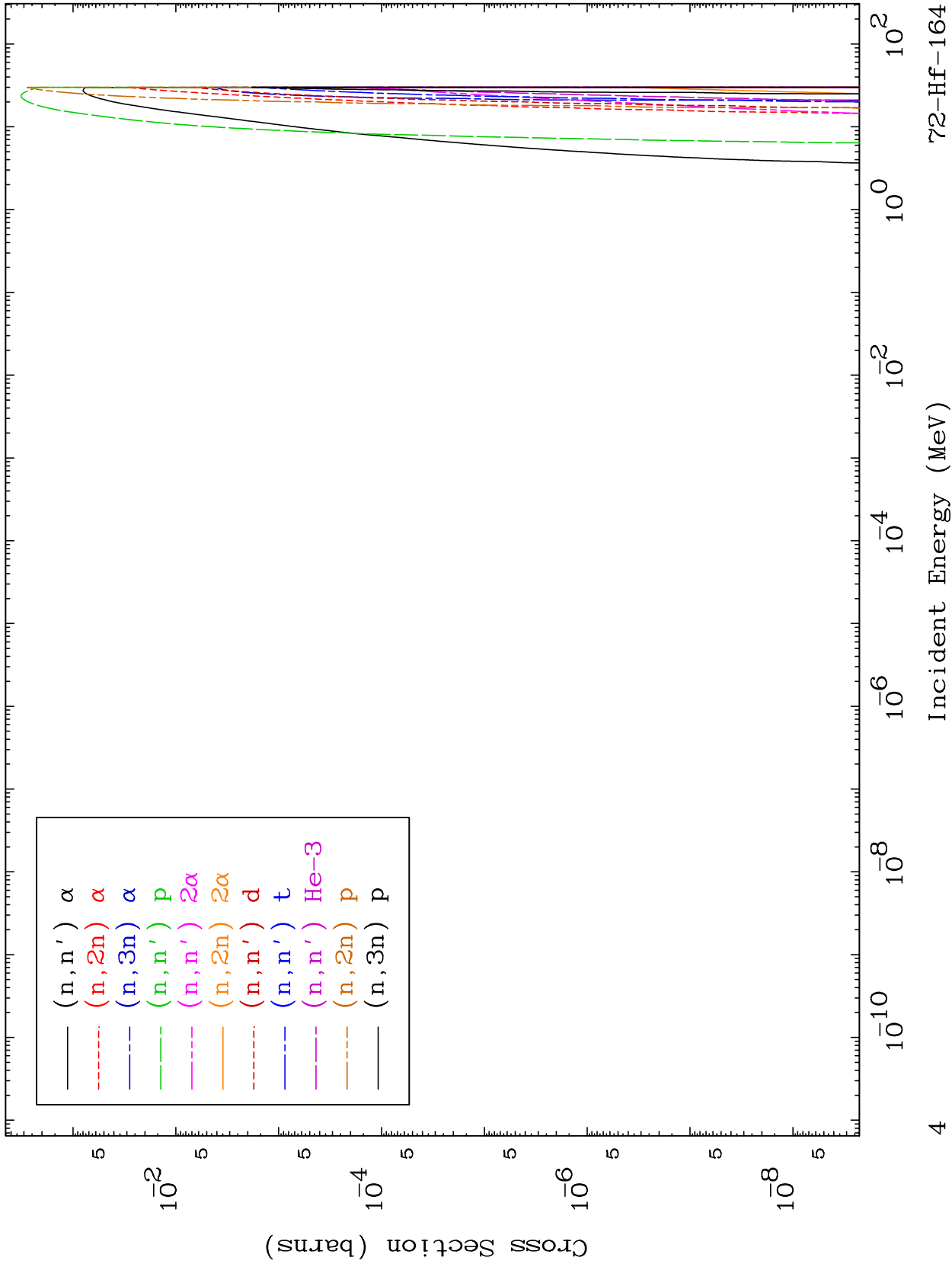




MAT 7195

Charged Particle
293 Kelvin Cross Sections

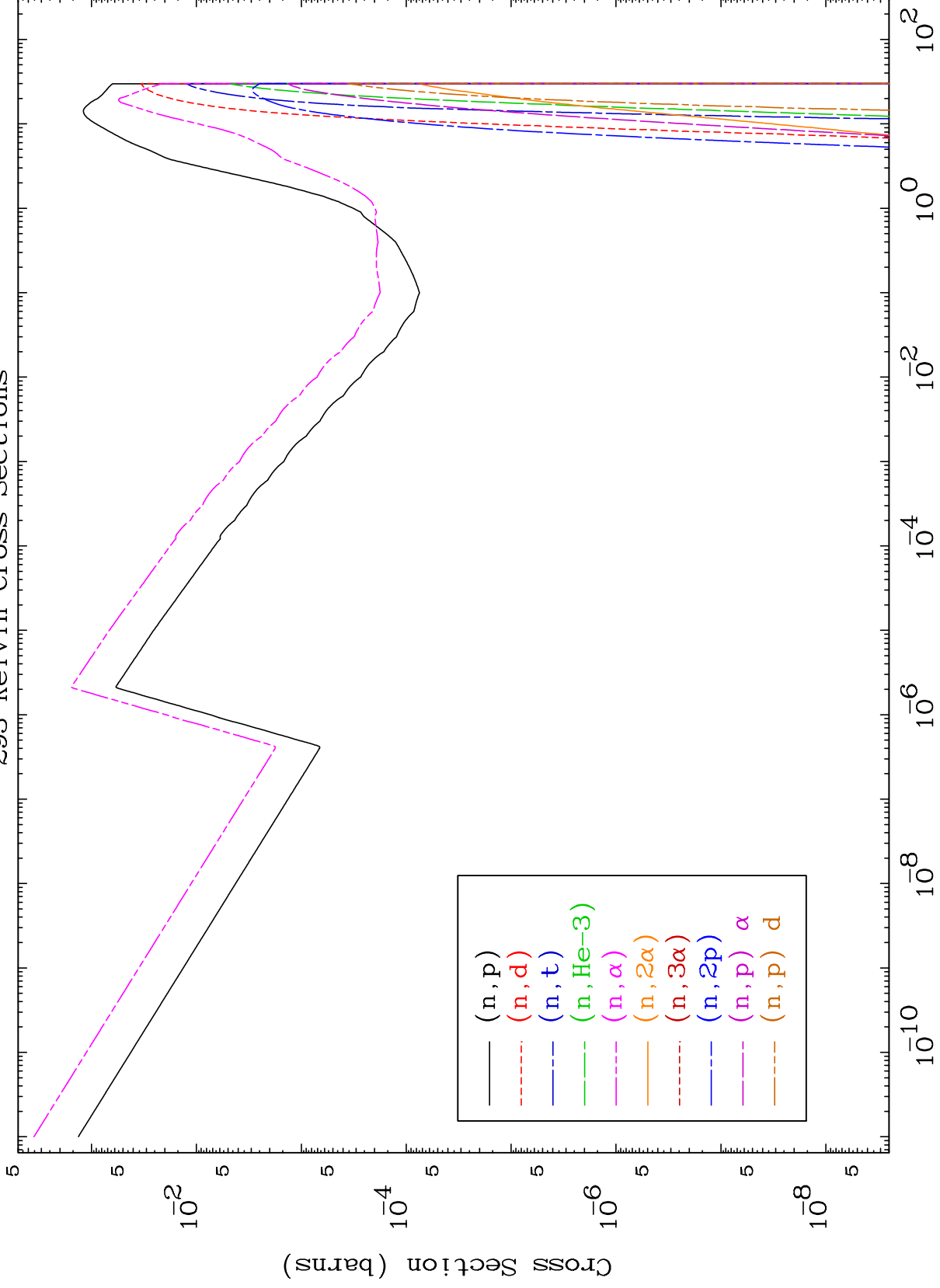
72-Hf-164



MAT 7195

Charged Particle
293 Kelvin Cross Sections

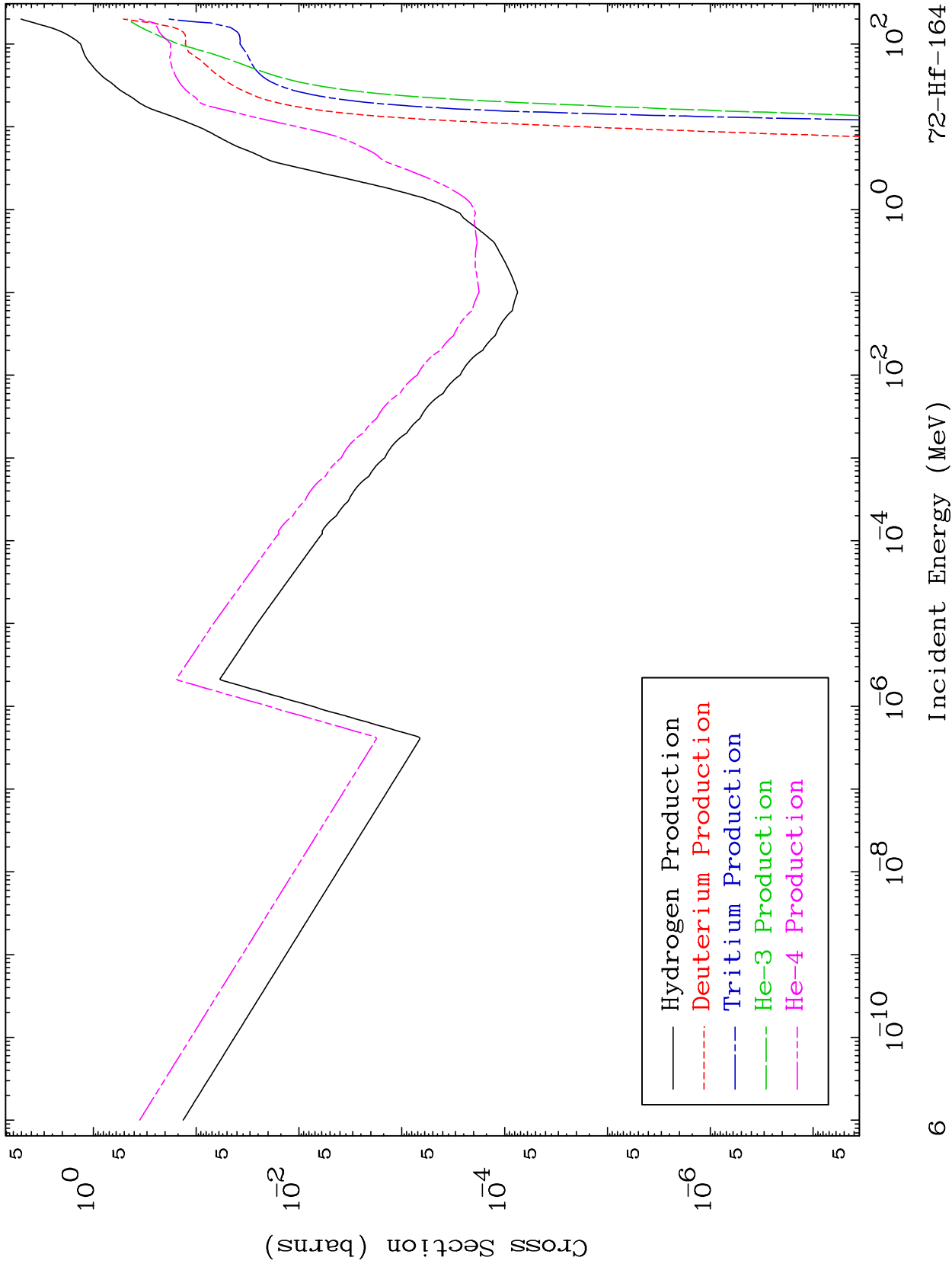
72-Hf-164

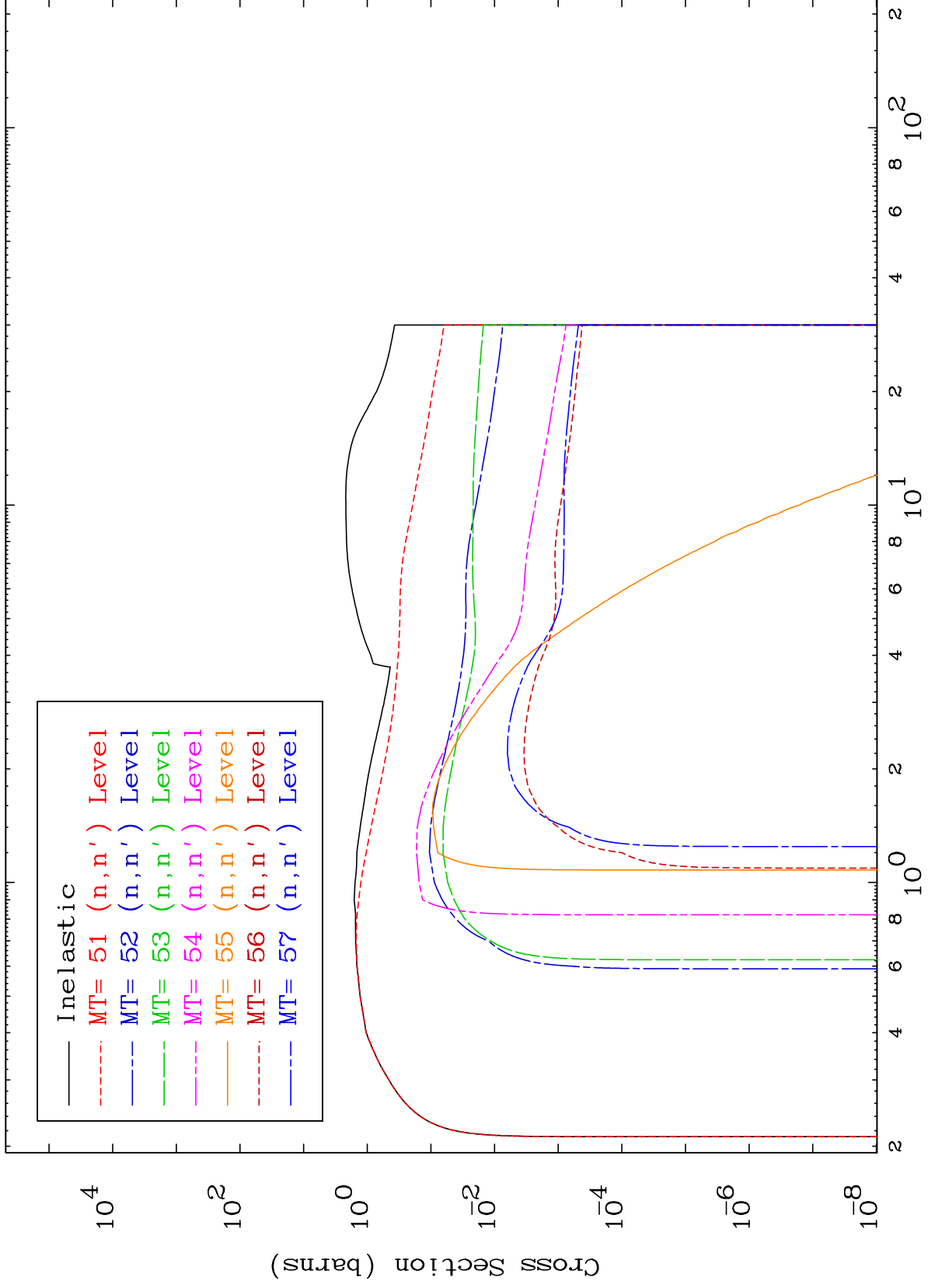


5

Incident Energy (MeV)

72-Hf-164



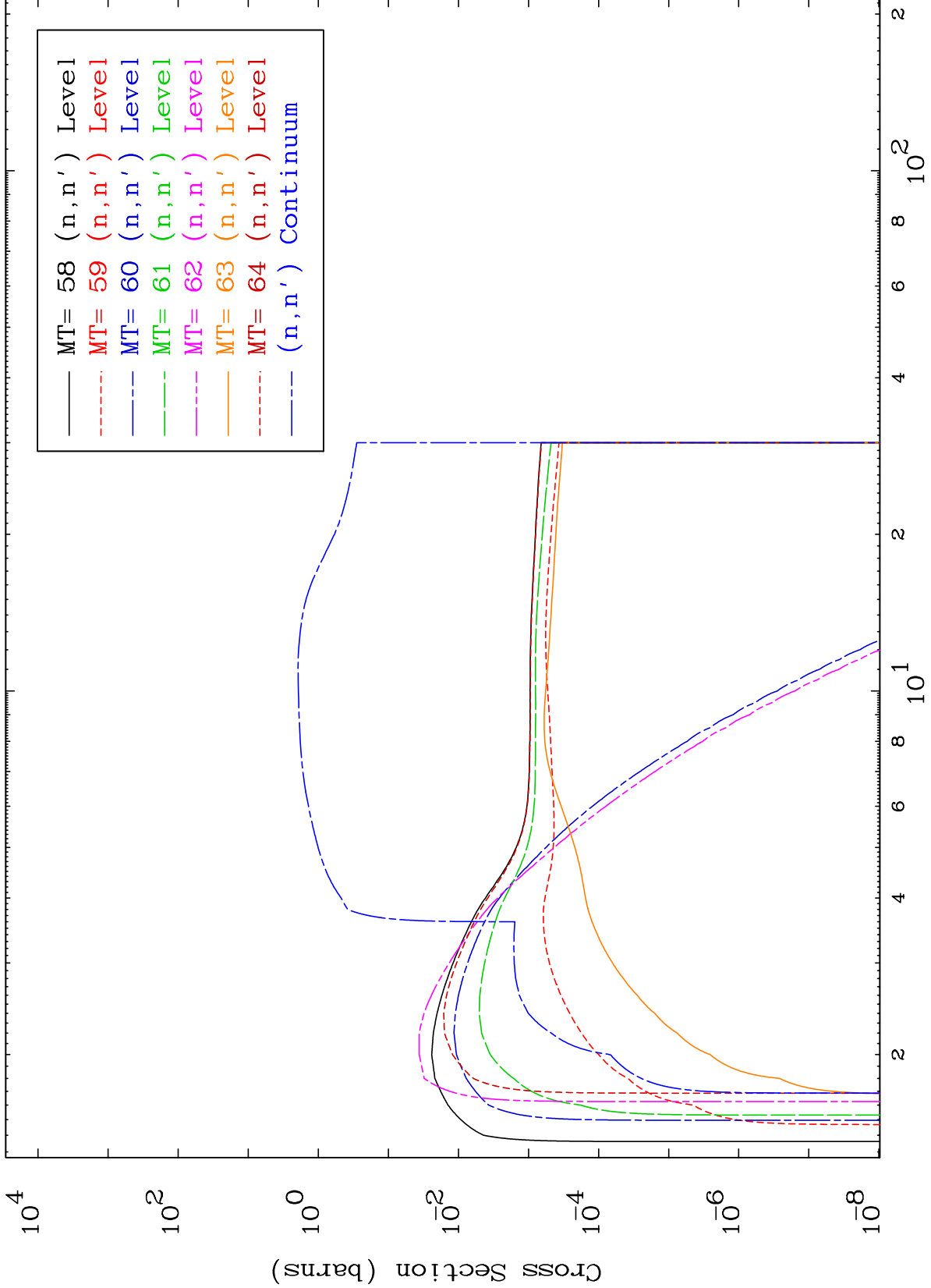


MAT 7195

(n,n') Level

72-Hf-164

293 Kelvin Cross Sections



8

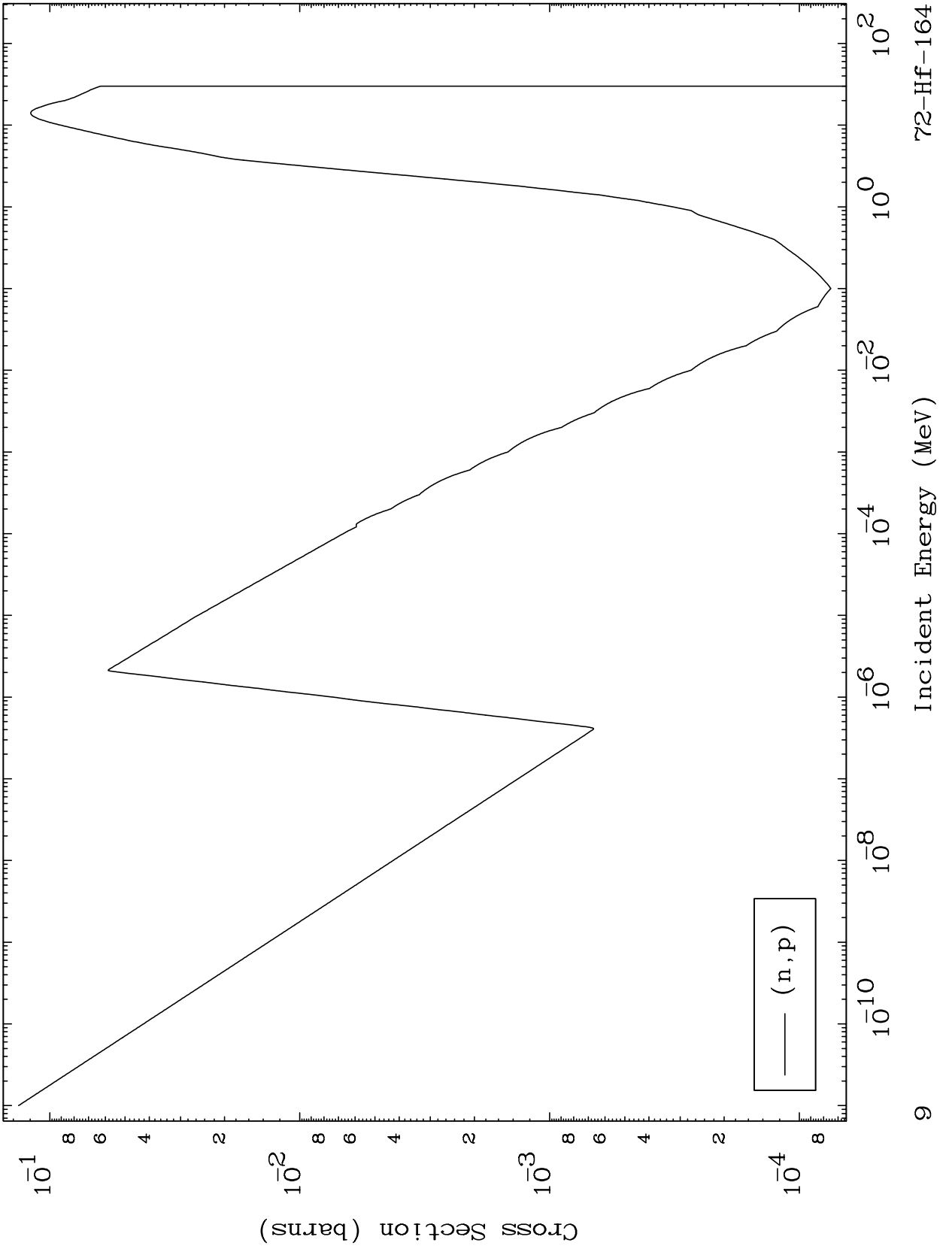
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,p) Levels
293 Kelvin Cross Sections

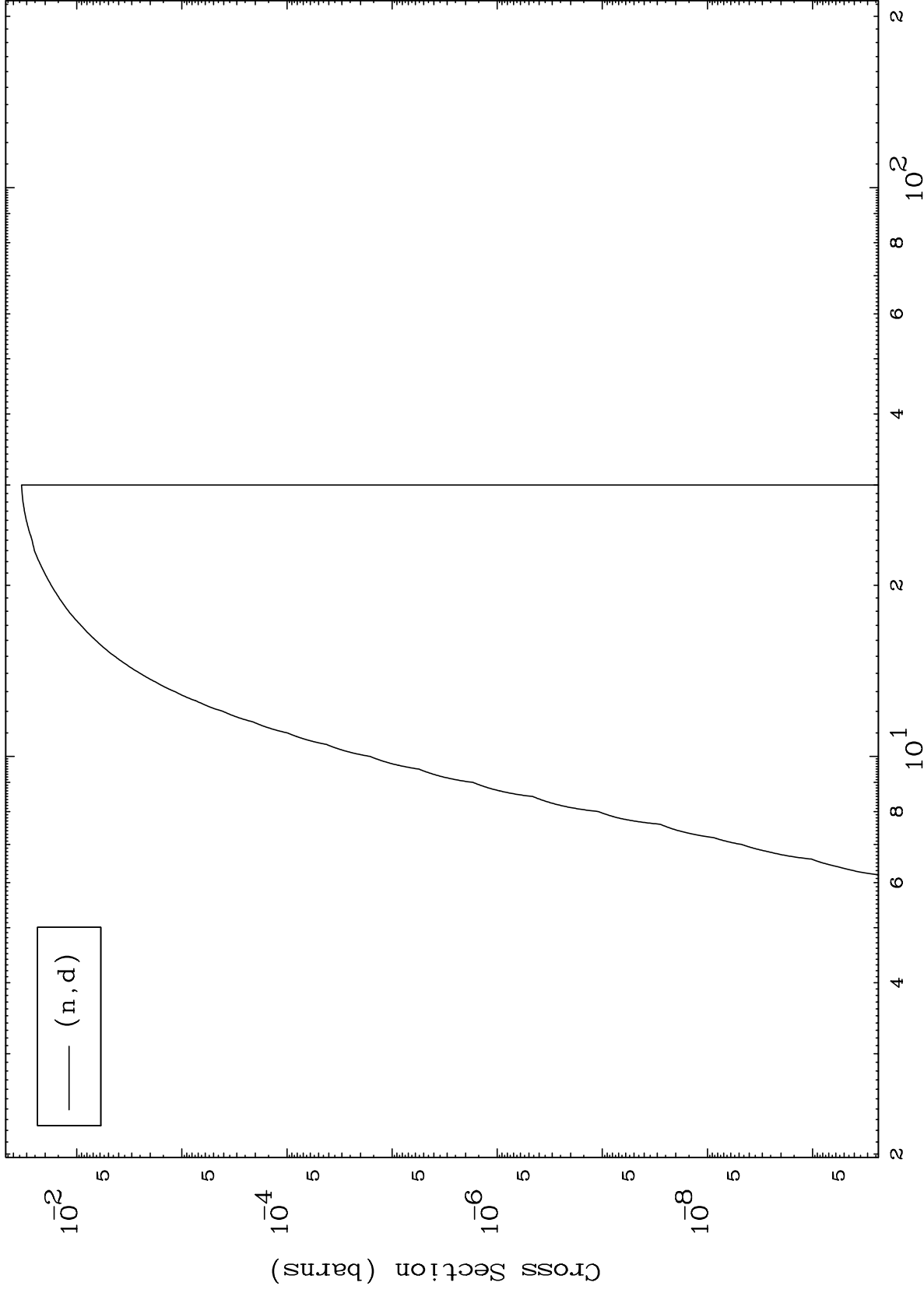
72-Hf-164



MAT 7195

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-164



10

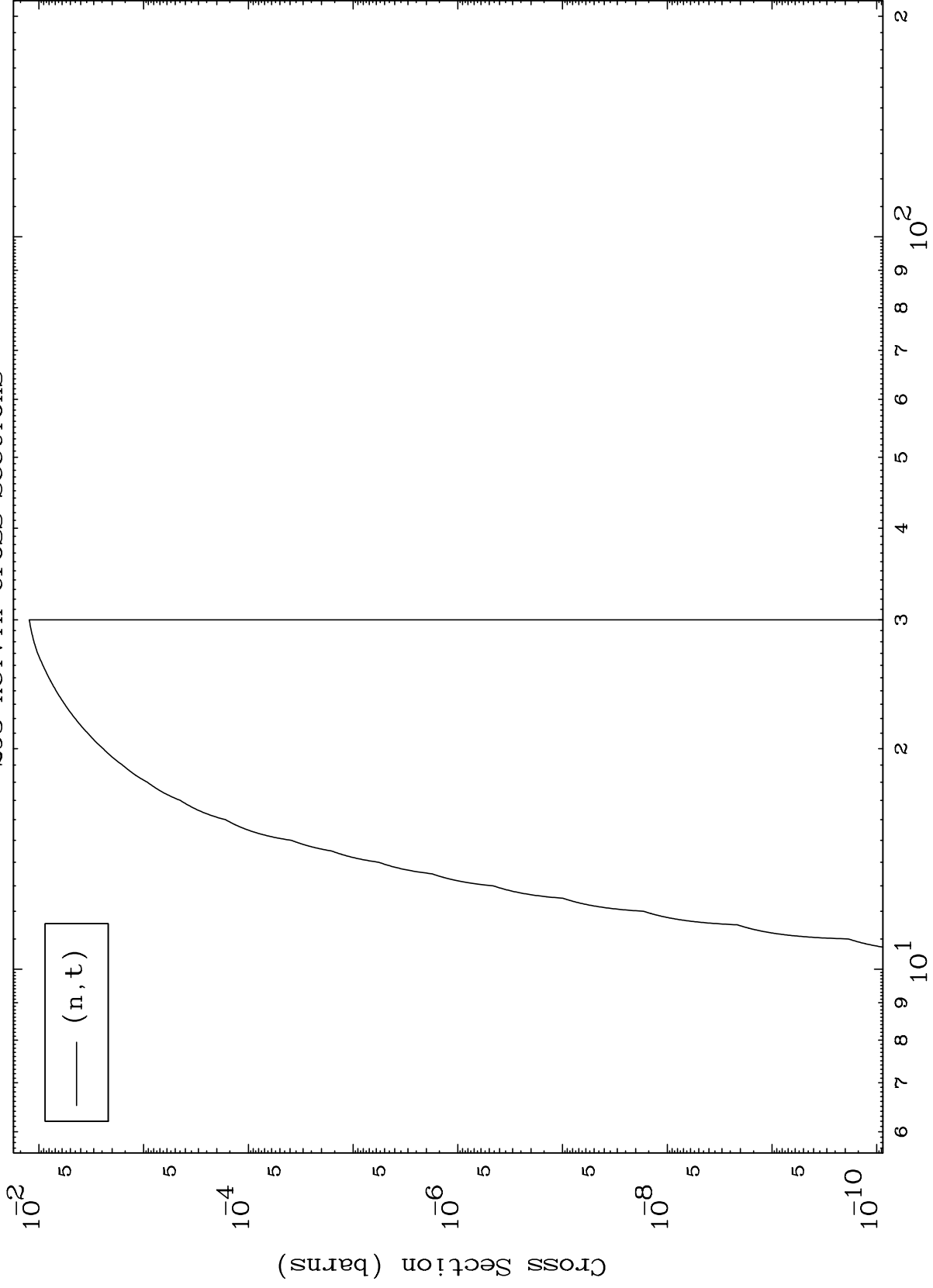
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n, t) Levels
293 Kelvin Cross Sections

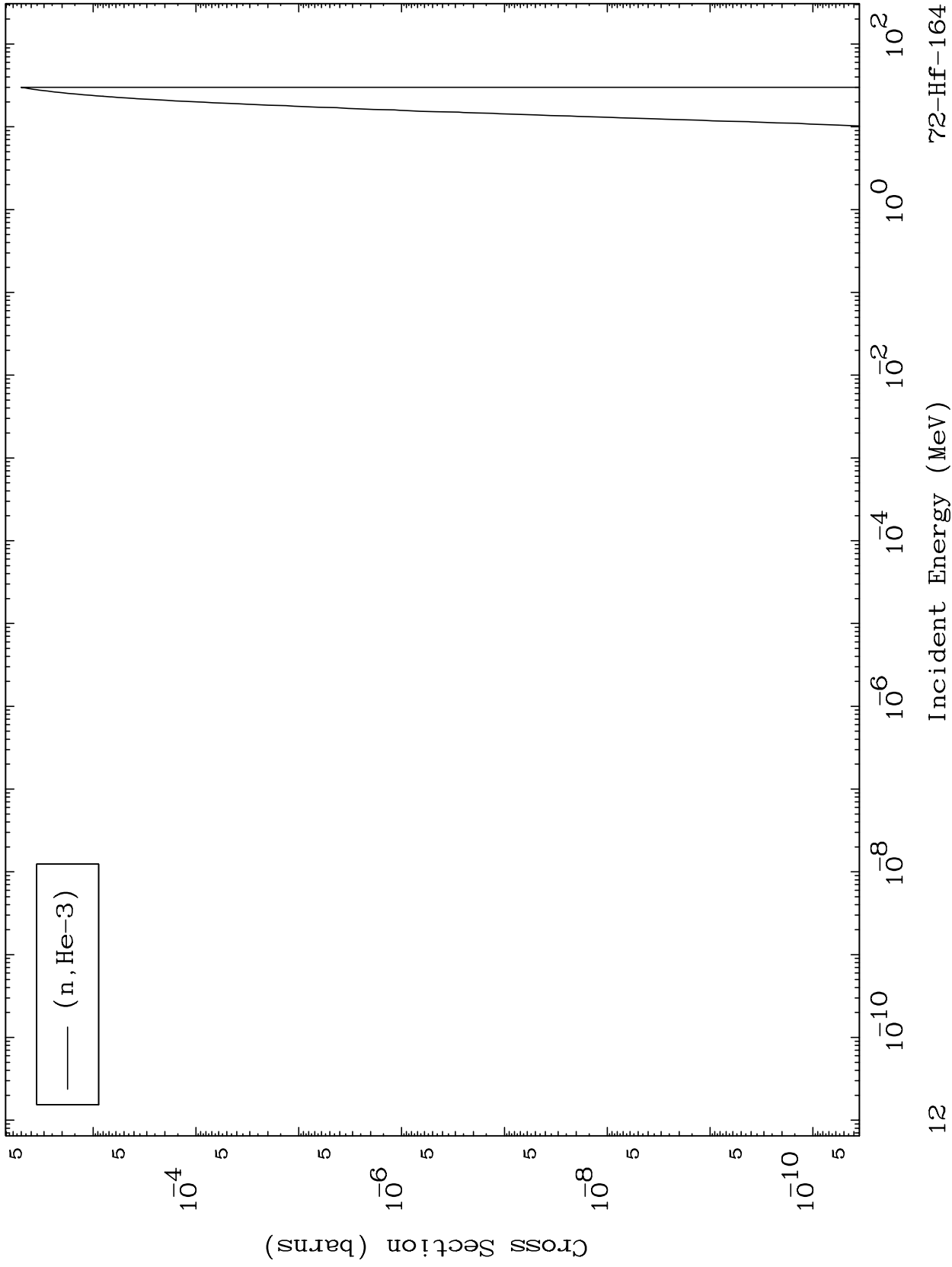
72-Hf-164



MAT 7195

(n,He3) Levels
293 Kelvin Cross Sections

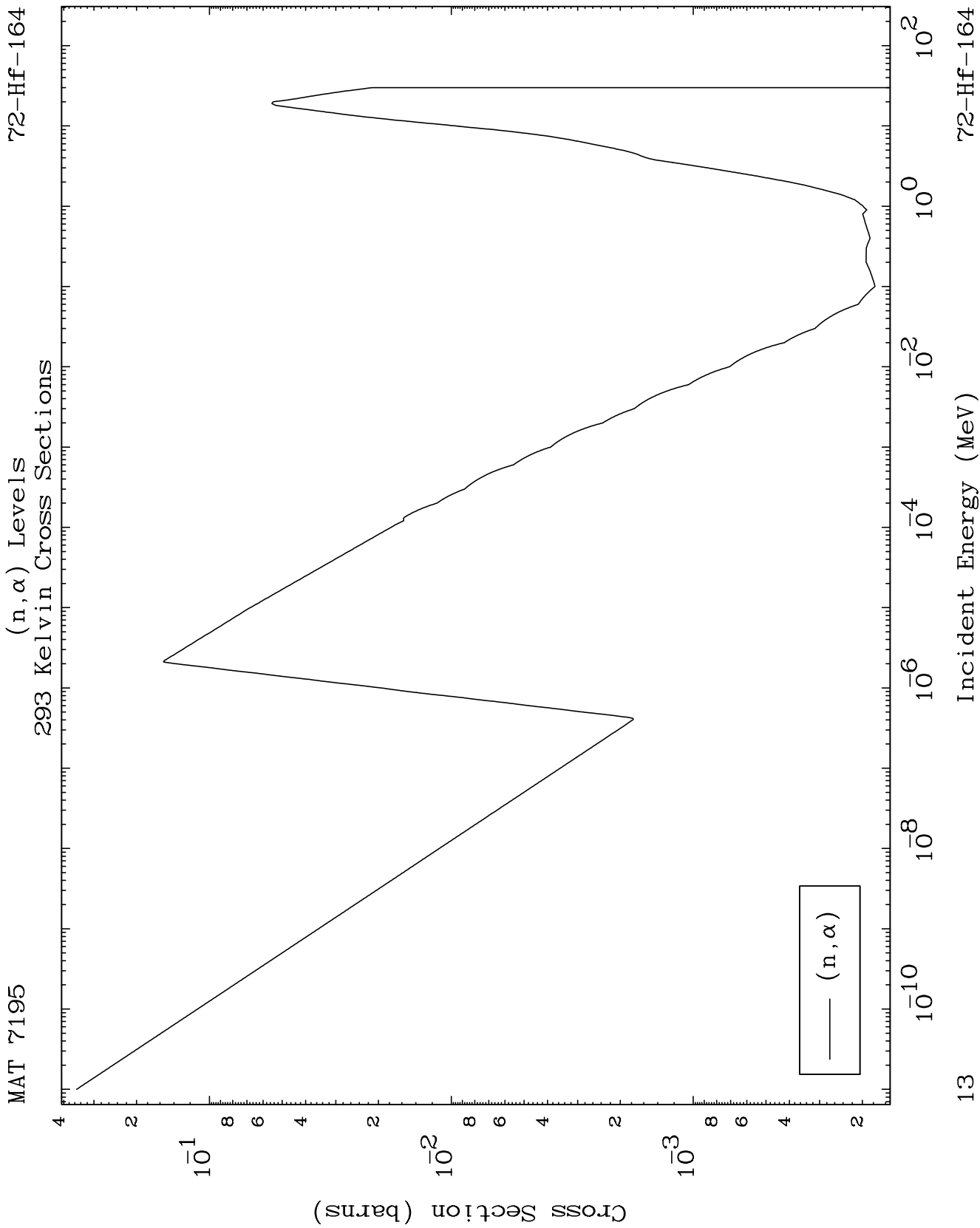
72-Hf-164

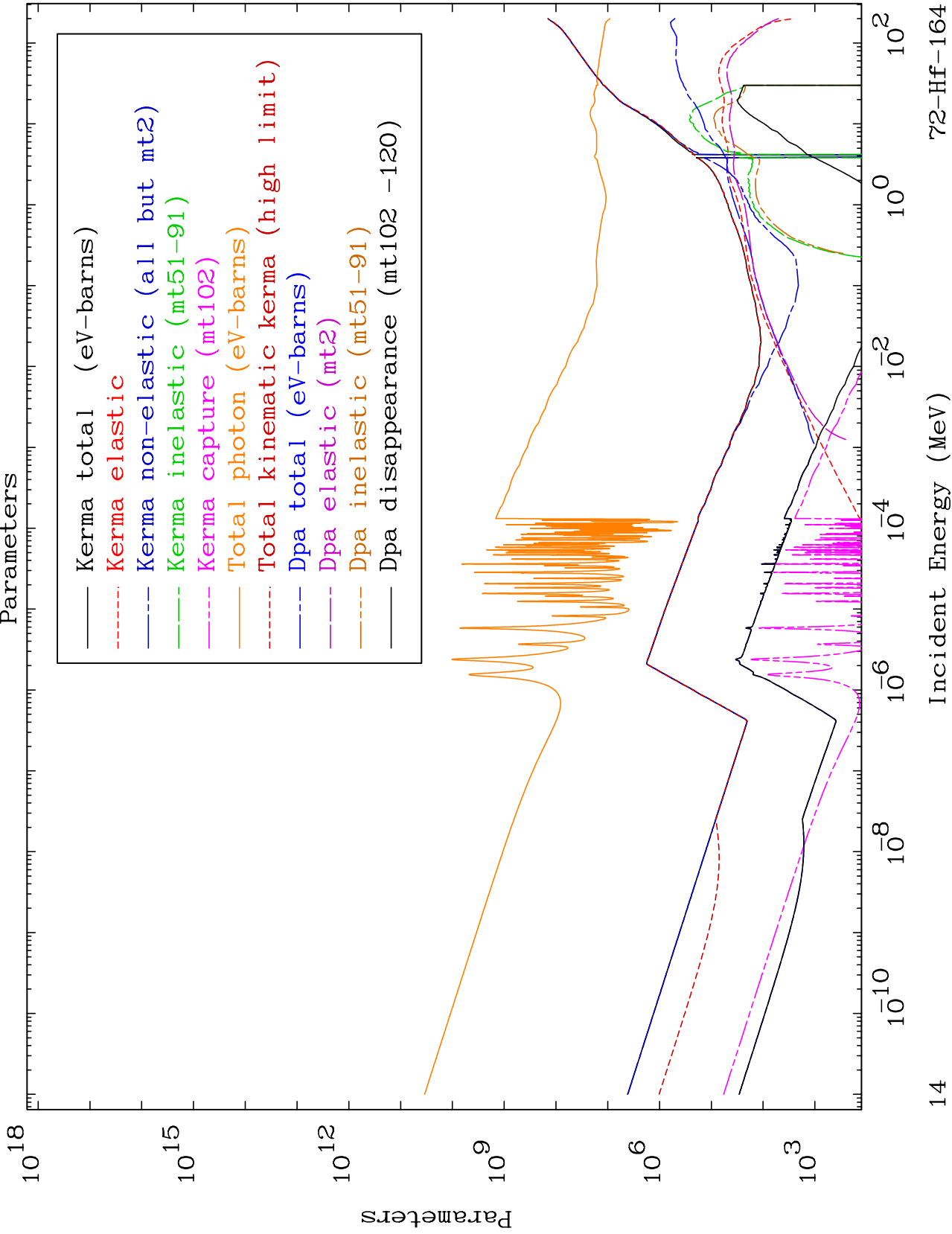


12

Incident Energy (MeV)

72-Hf-164

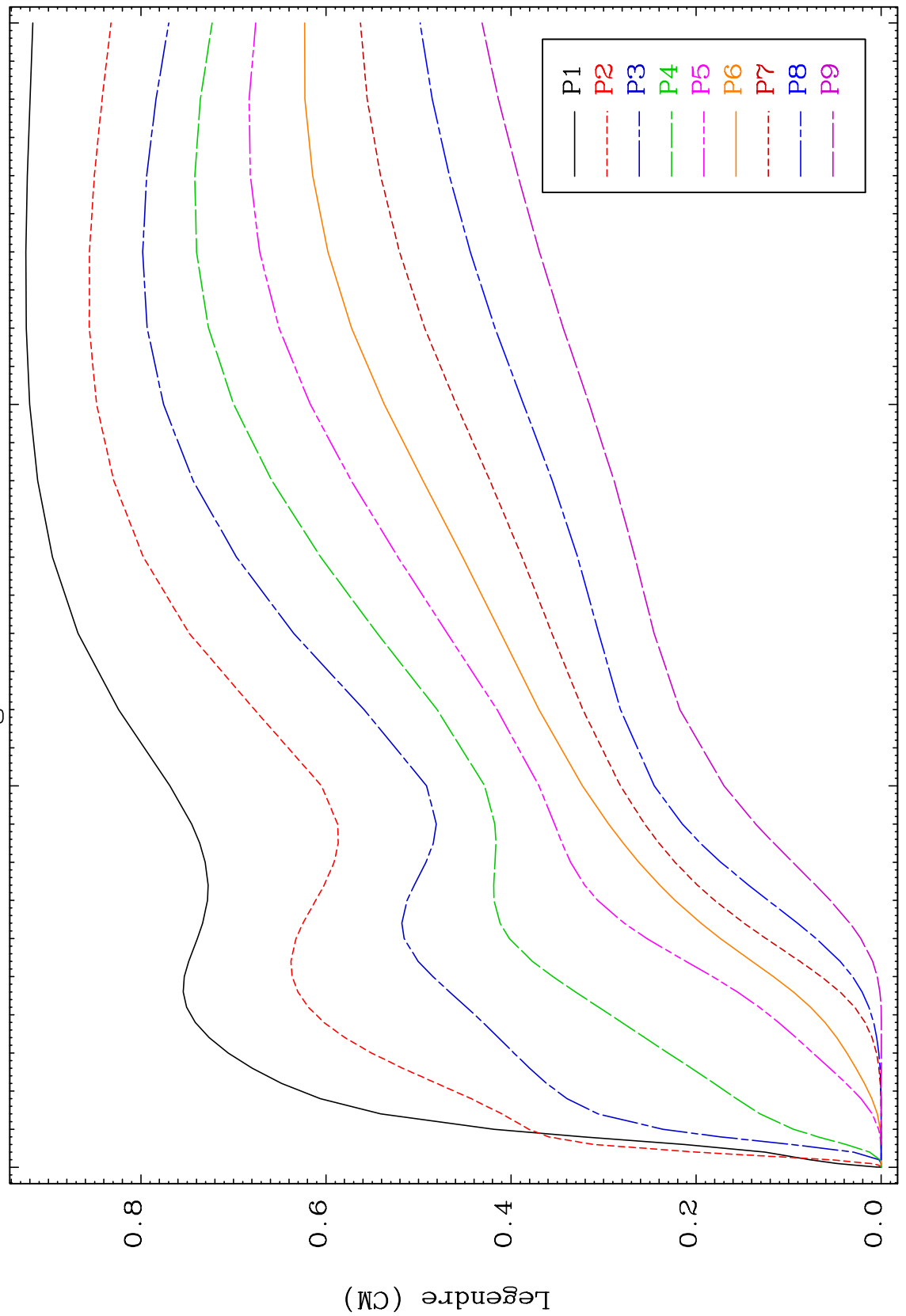




MAT 7195

72-Hf-164

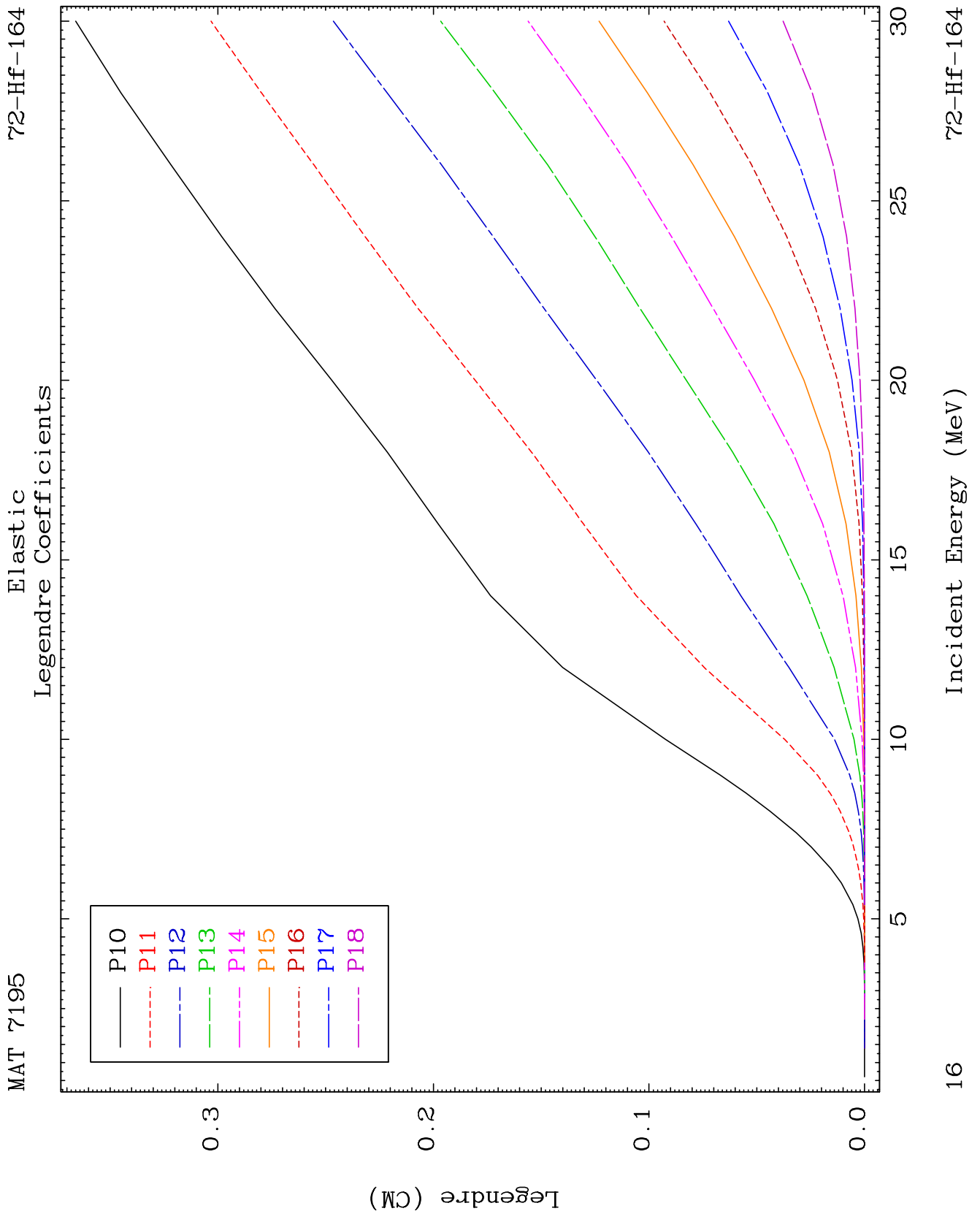
Elastic Legendre Coefficients



72-Hf-164

Incident Energy (MeV)

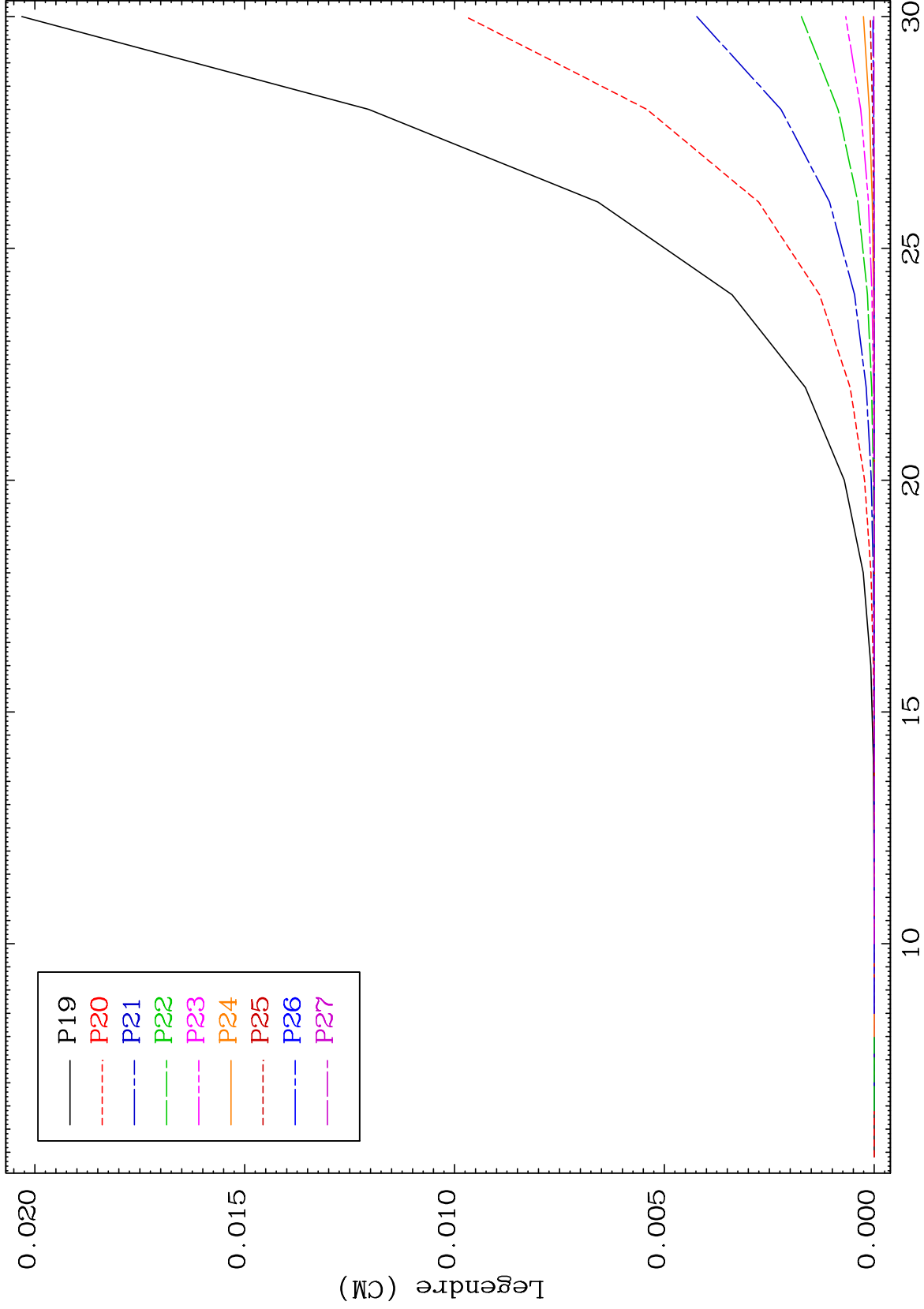
15



MAT 7195

Elastic
Legendre Coefficients

72-Hf-164



17

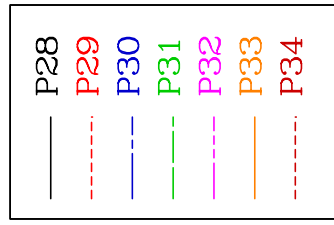
Incident Energy (MeV)

72-Hf-164

MAT 7195

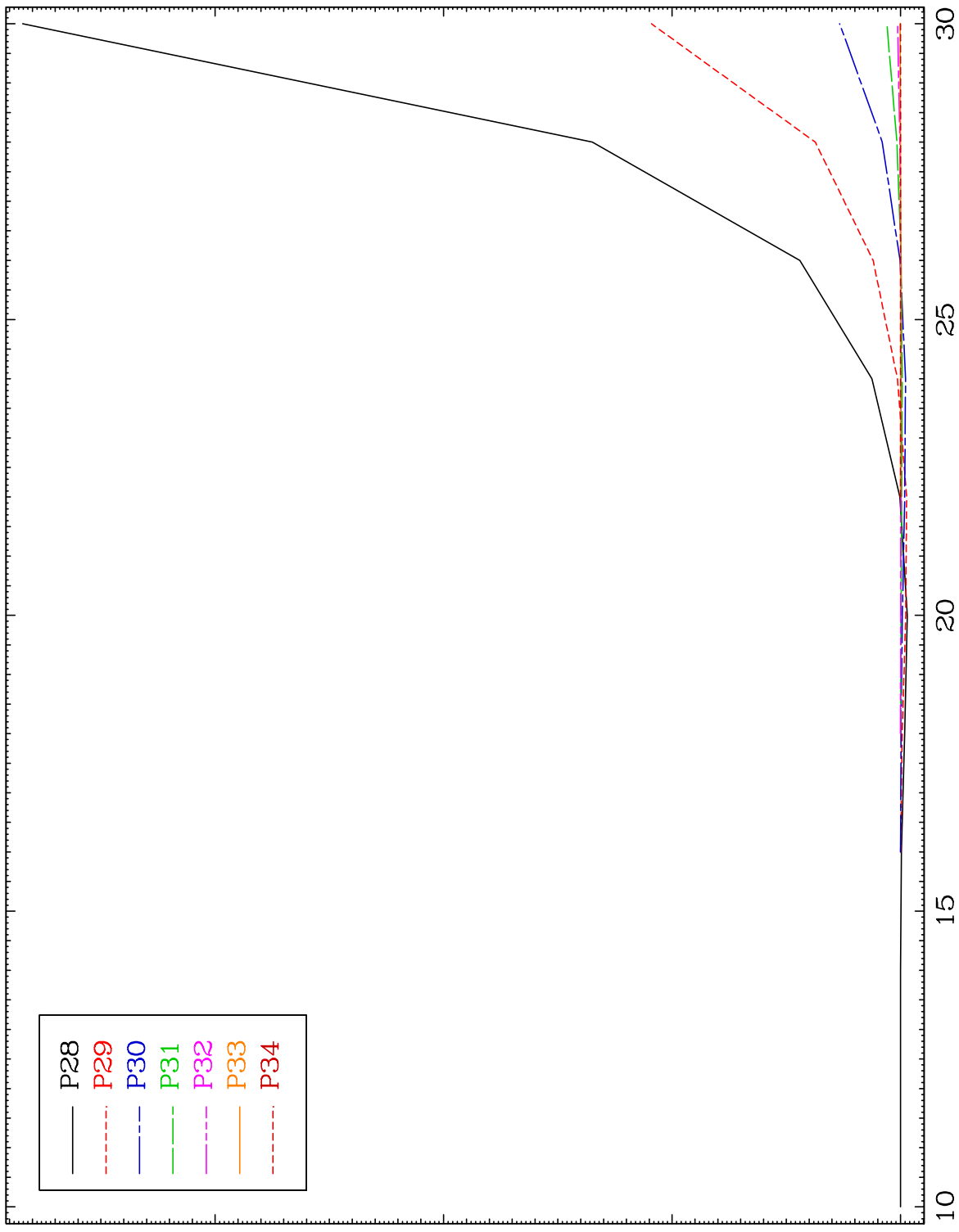
Elastic Legendre Coefficients

72-Hf-164



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

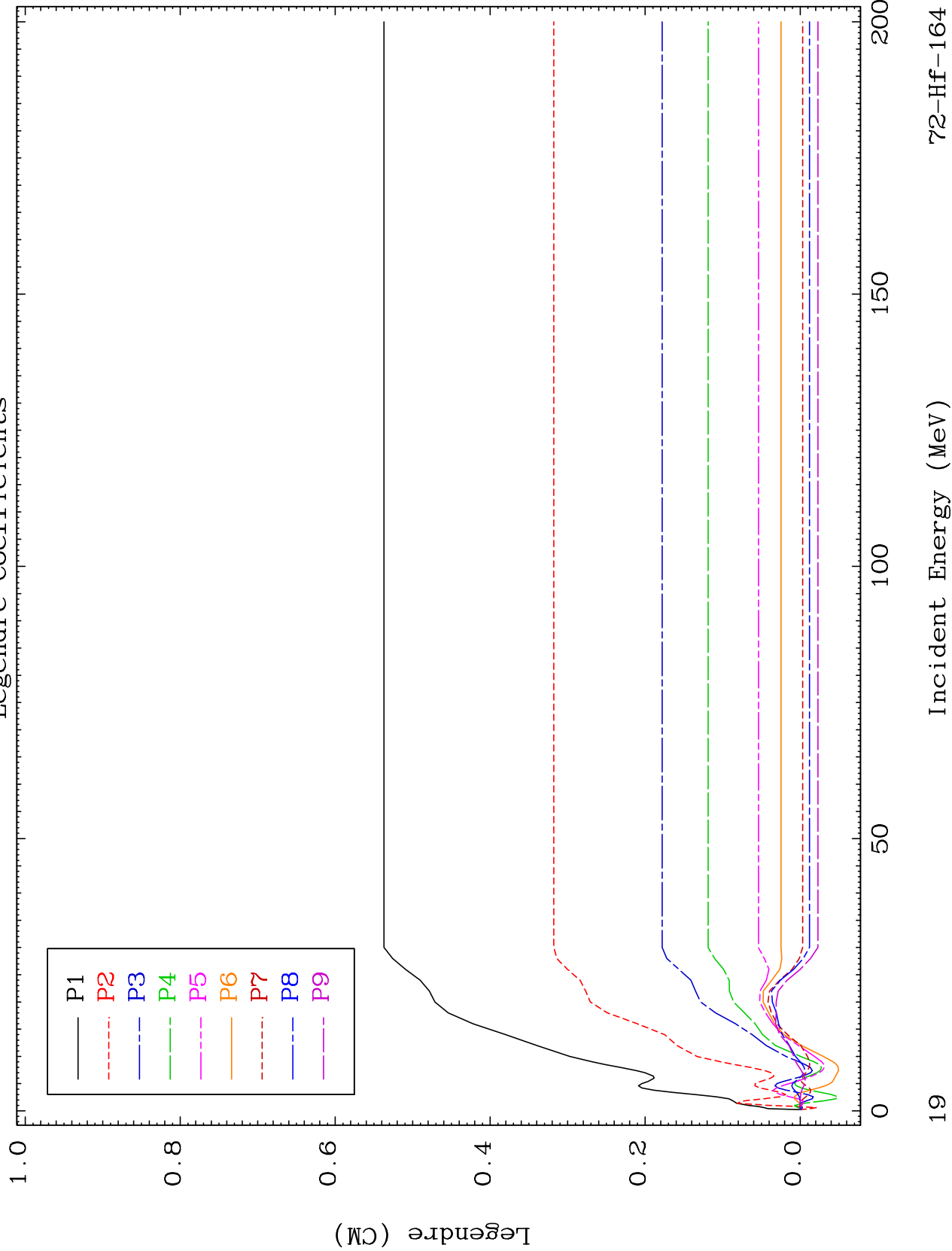
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



19

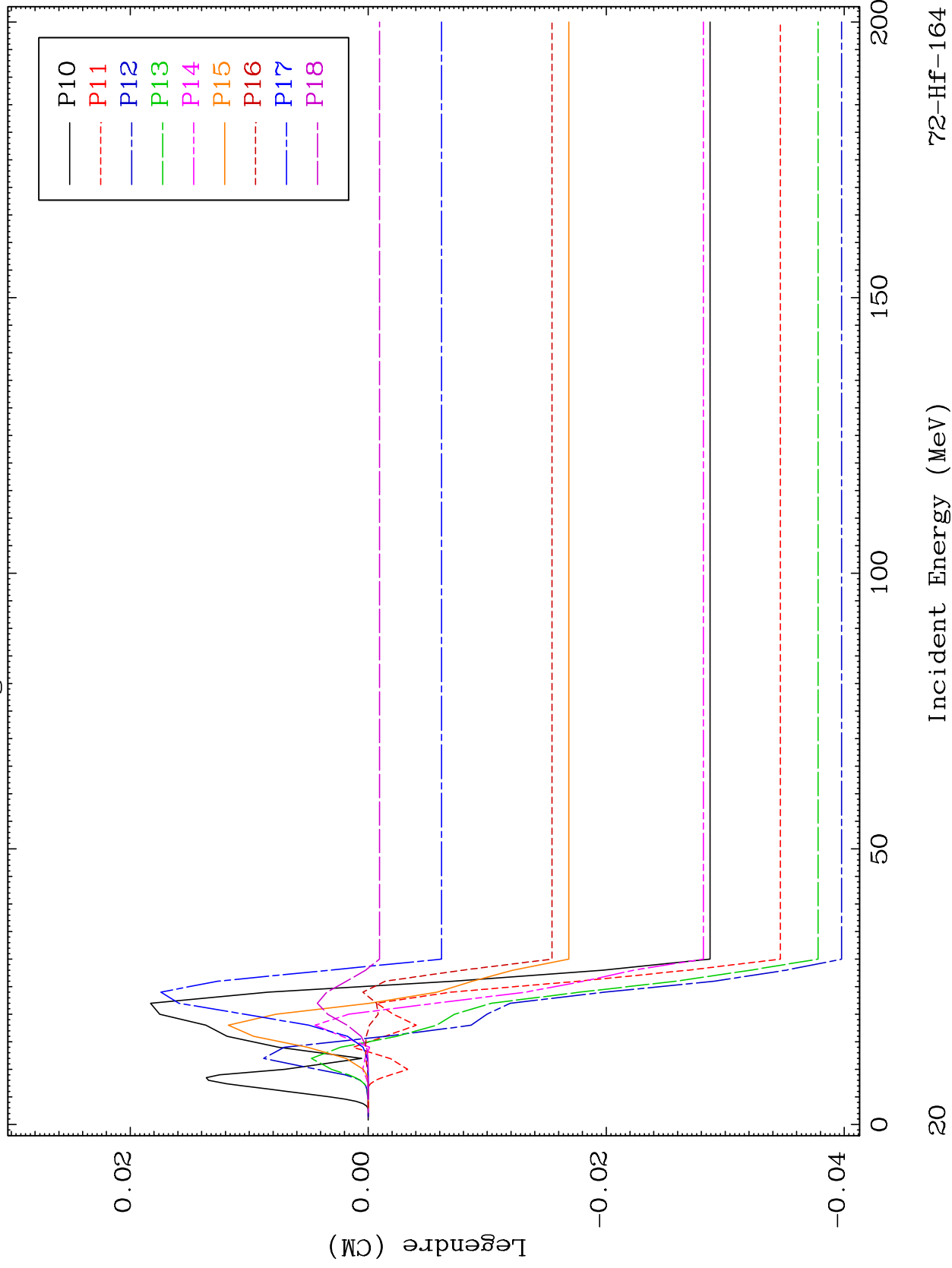
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

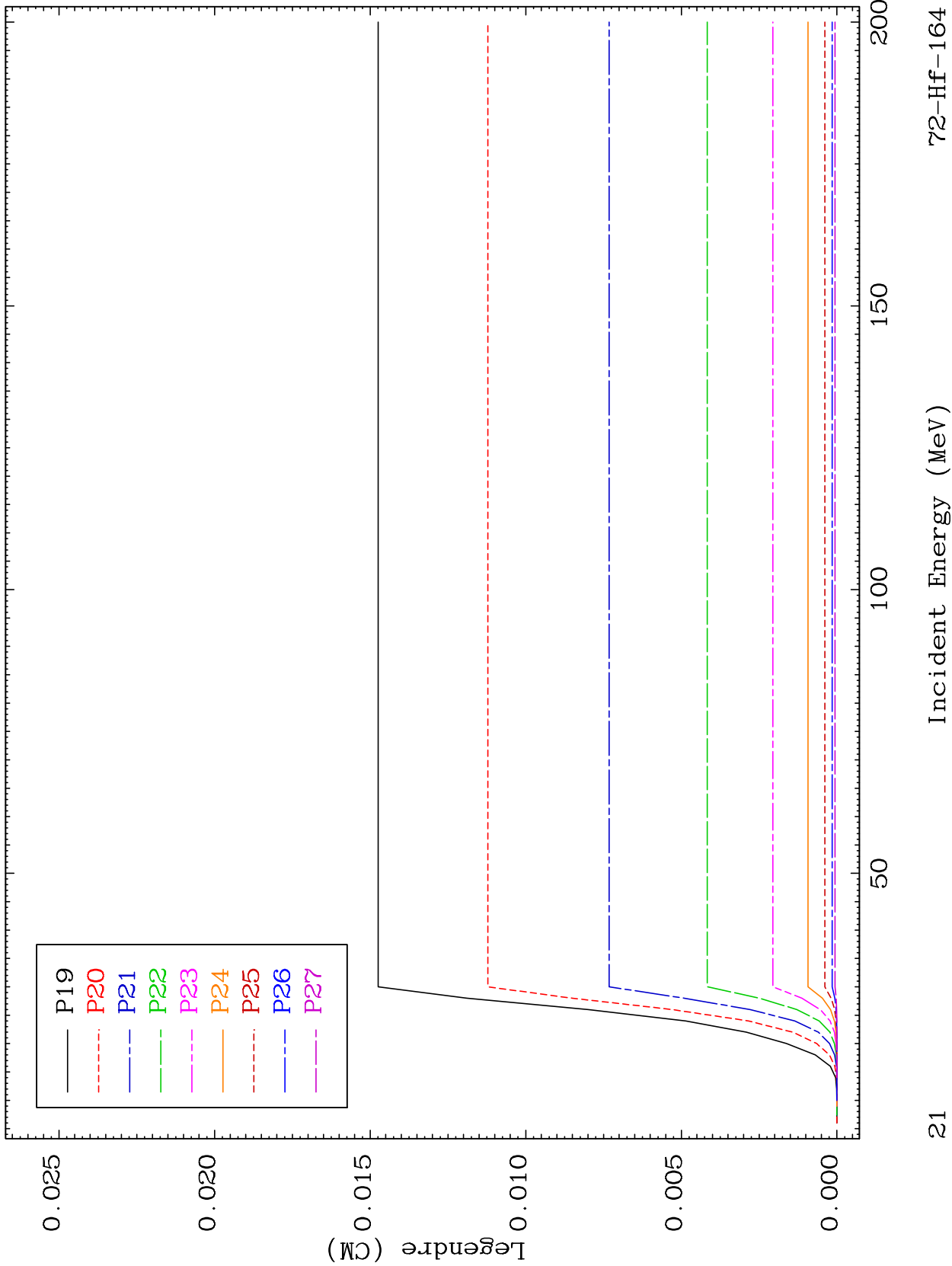
72-Hf-164



72-Hf-164

Incident Energy (MeV)

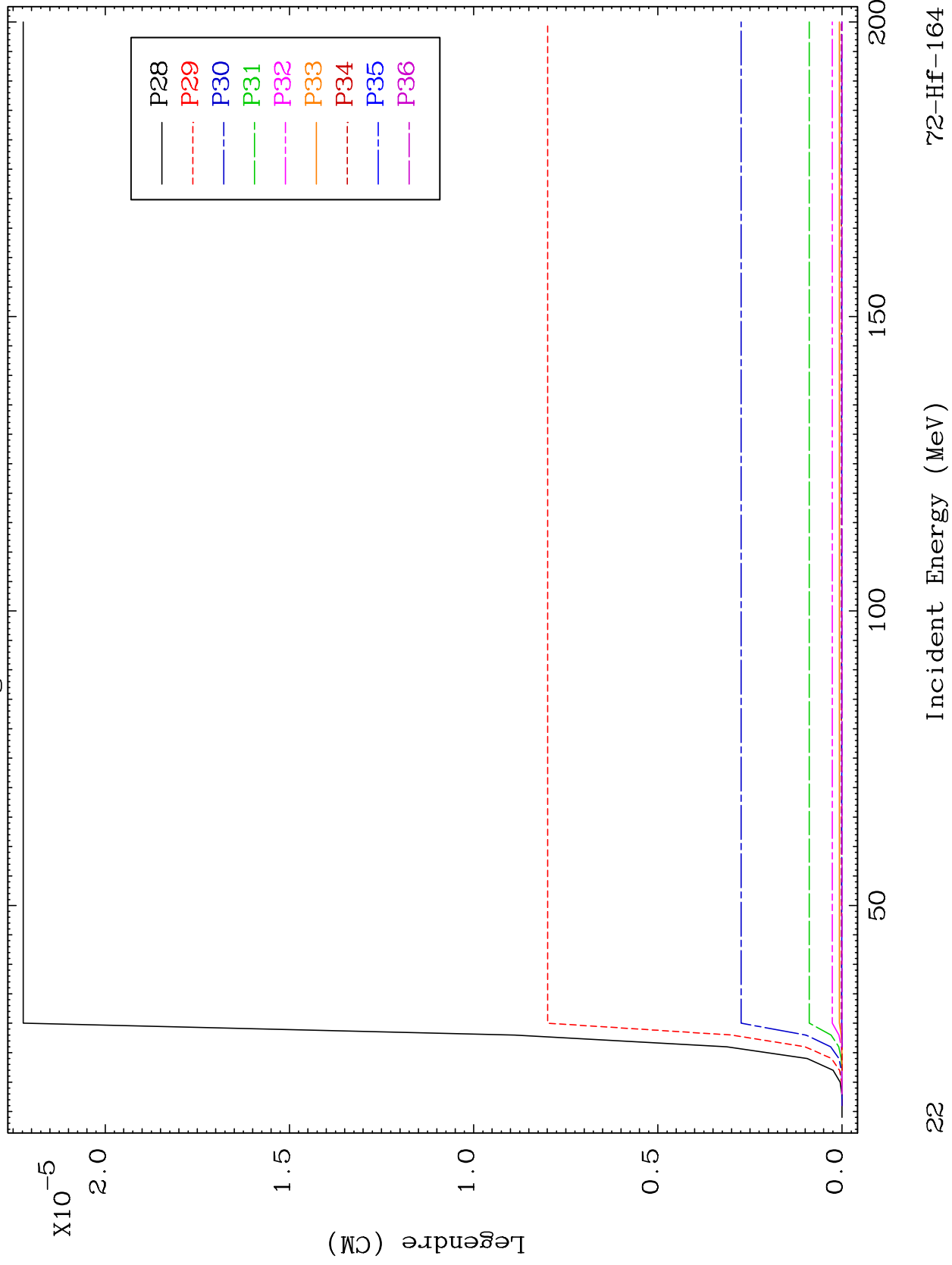
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MAT 7195

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

72-Hf-164



22

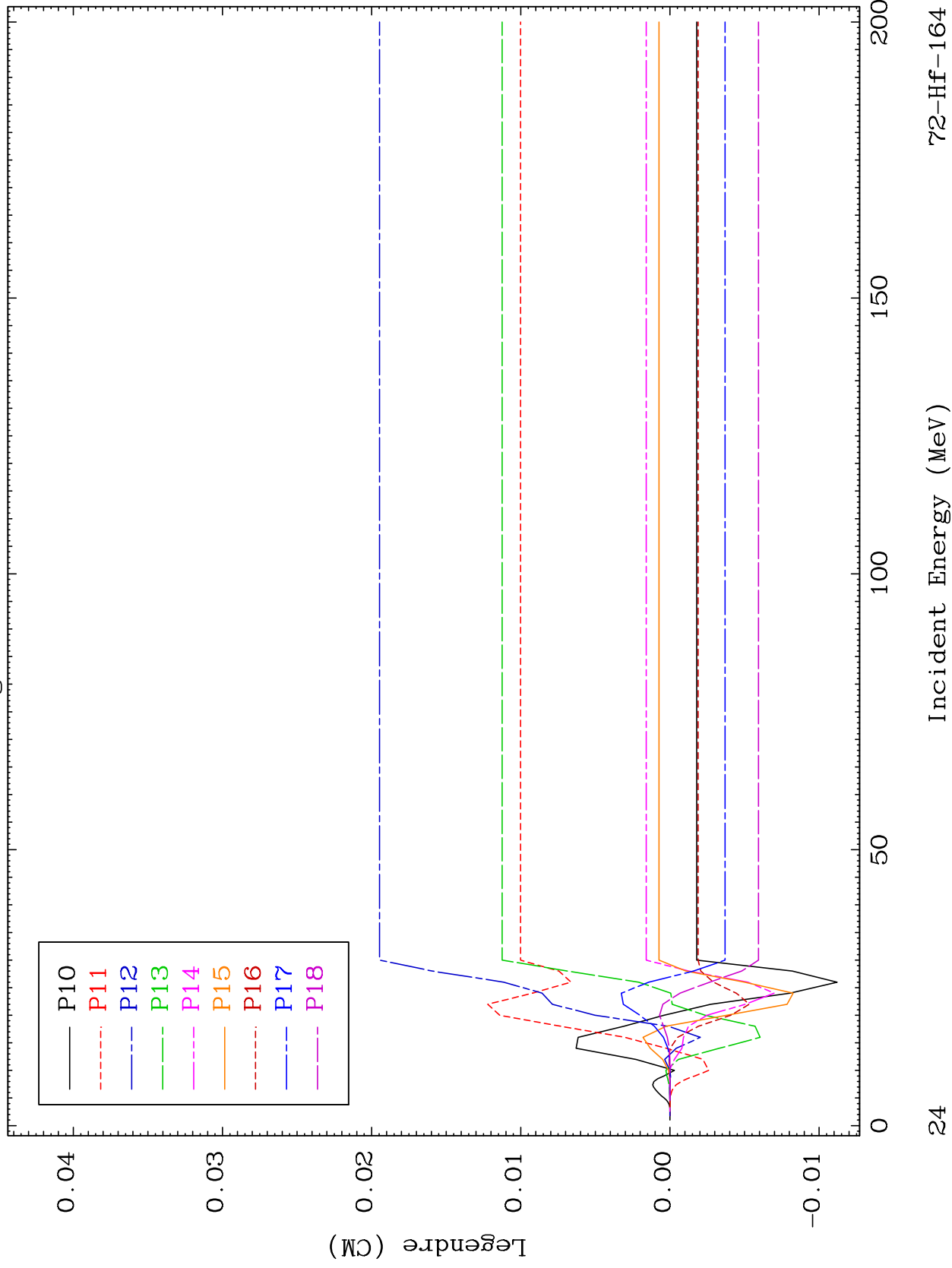
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



24

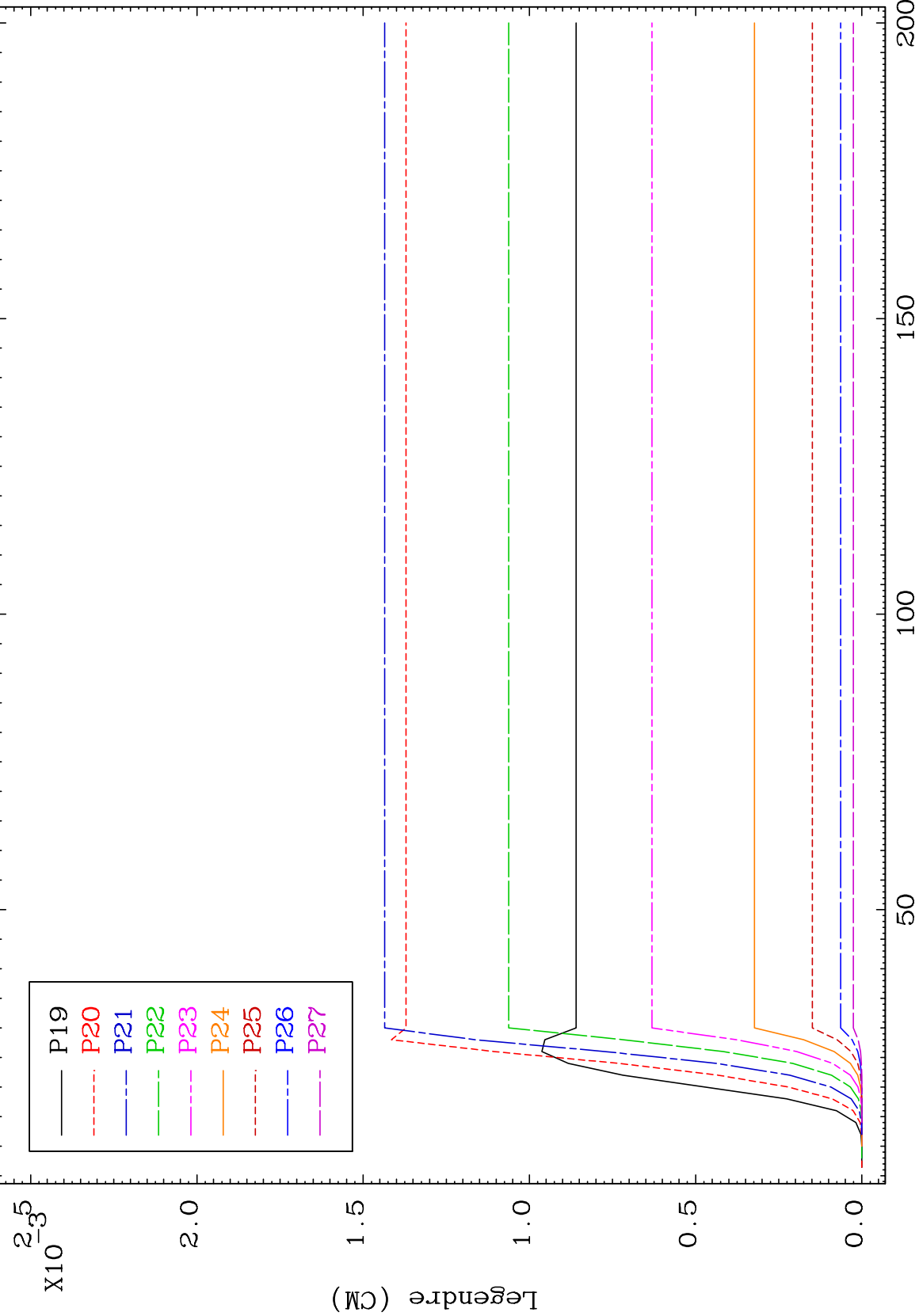
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



25

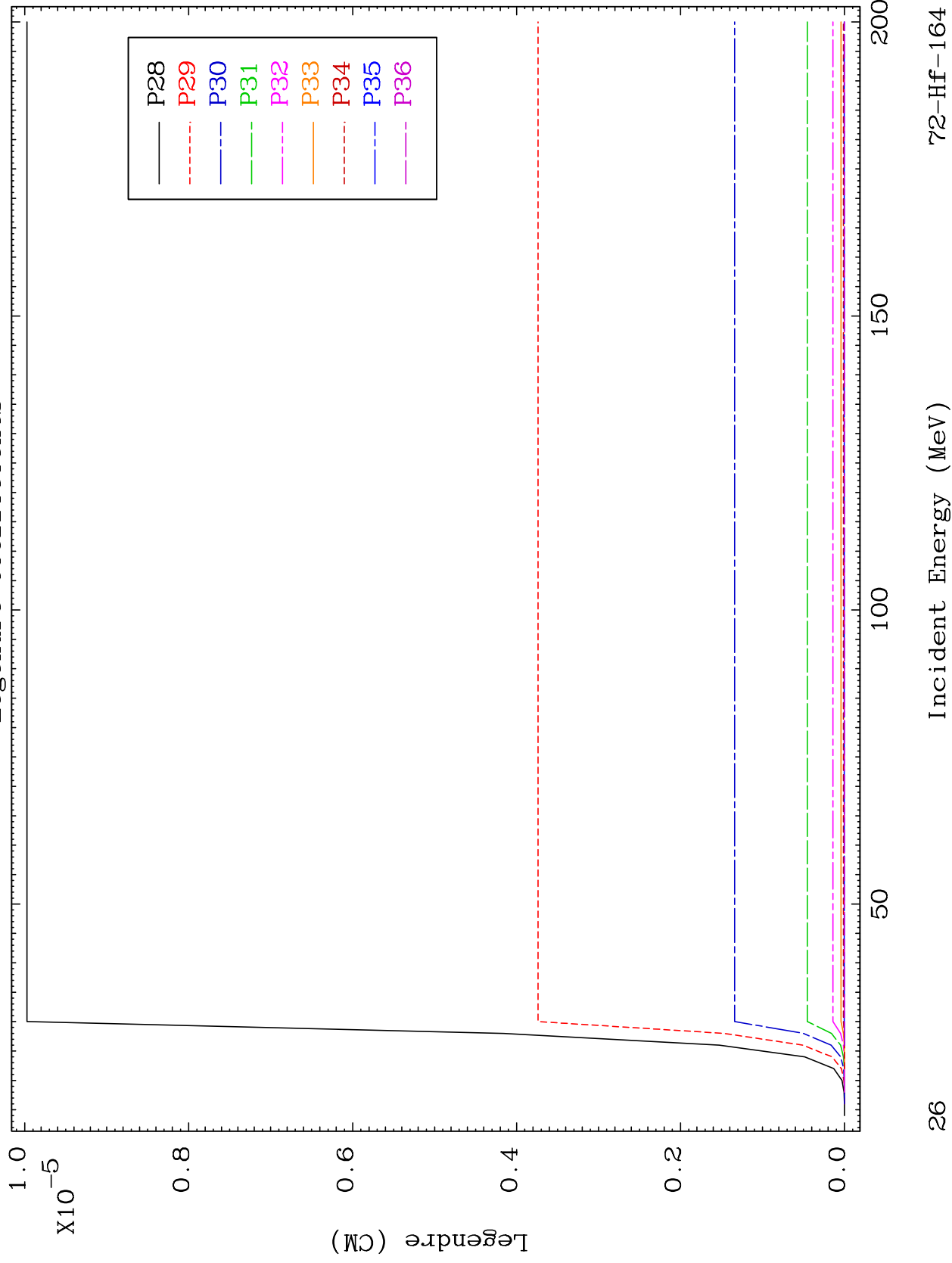
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



26

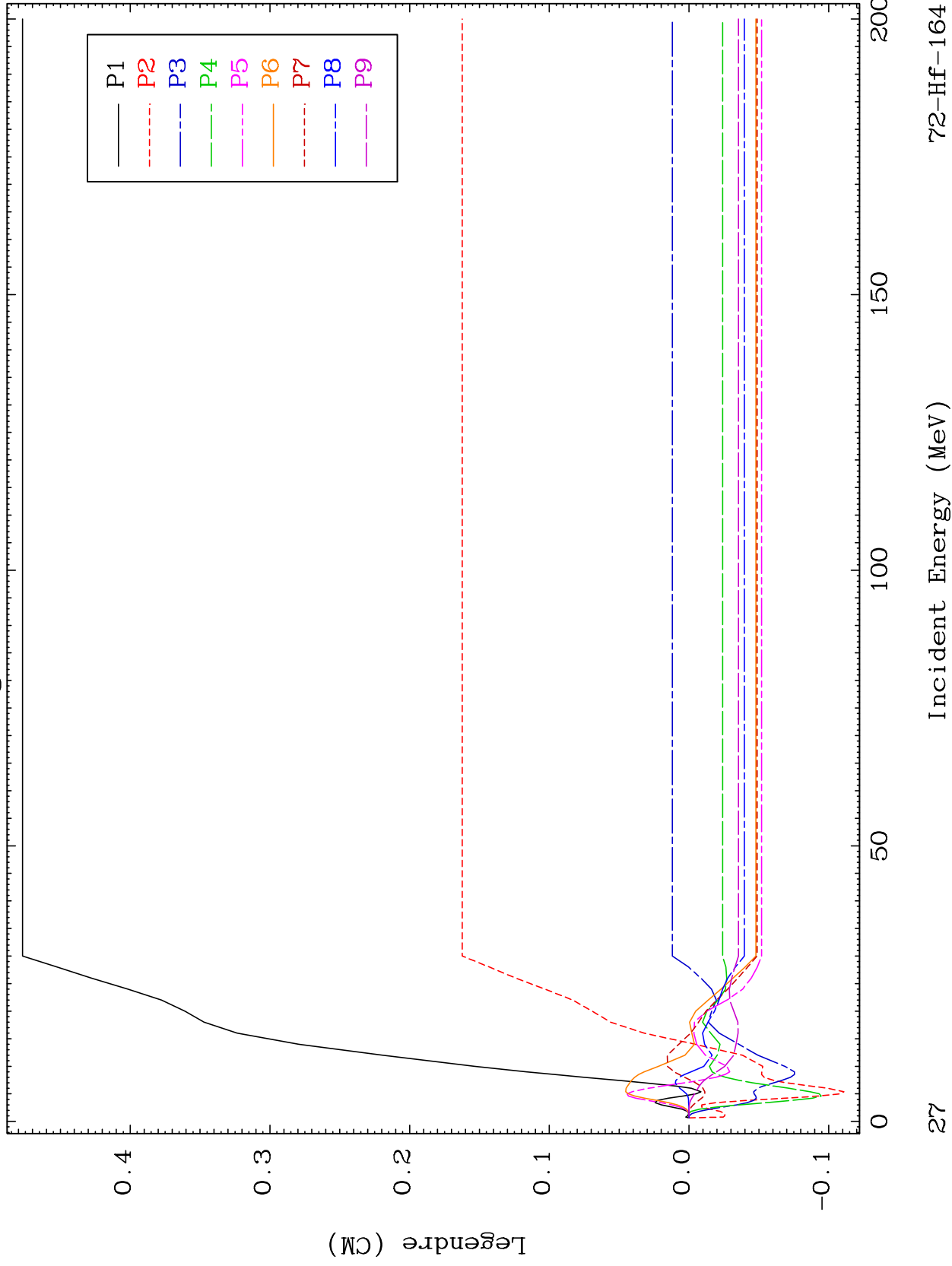
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

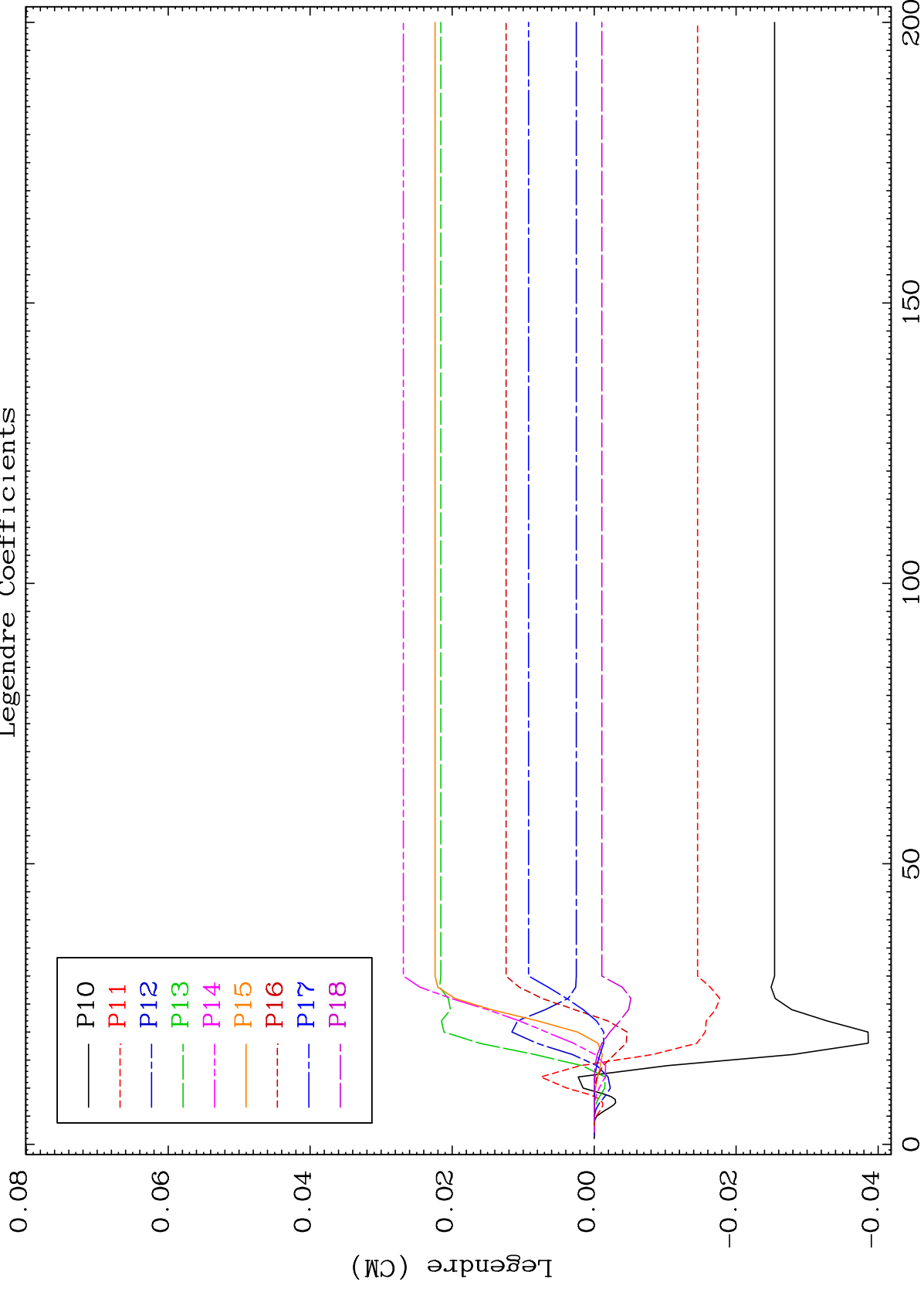
72-Hf-164



MAT 7195

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

72-Hf-164



28

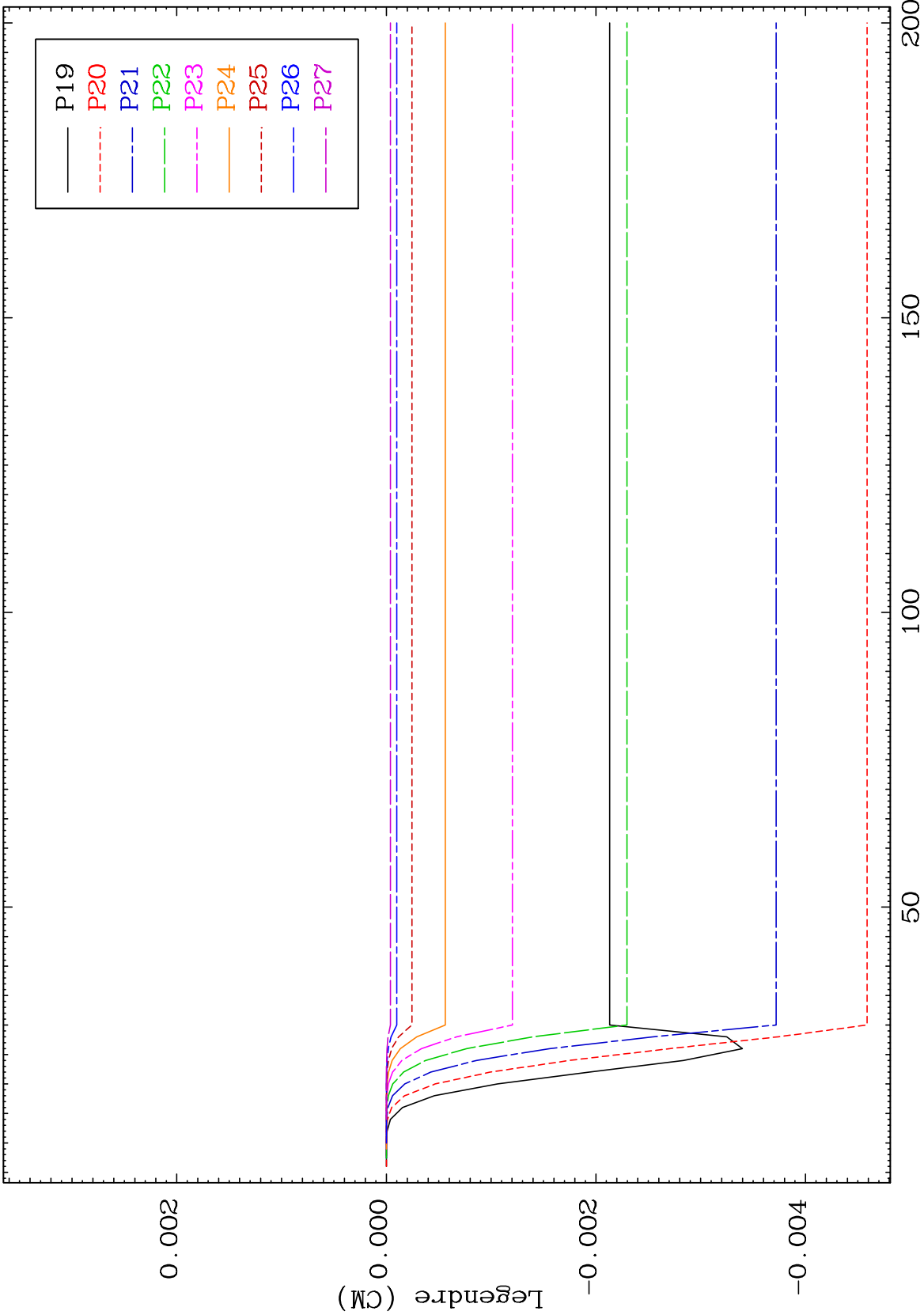
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

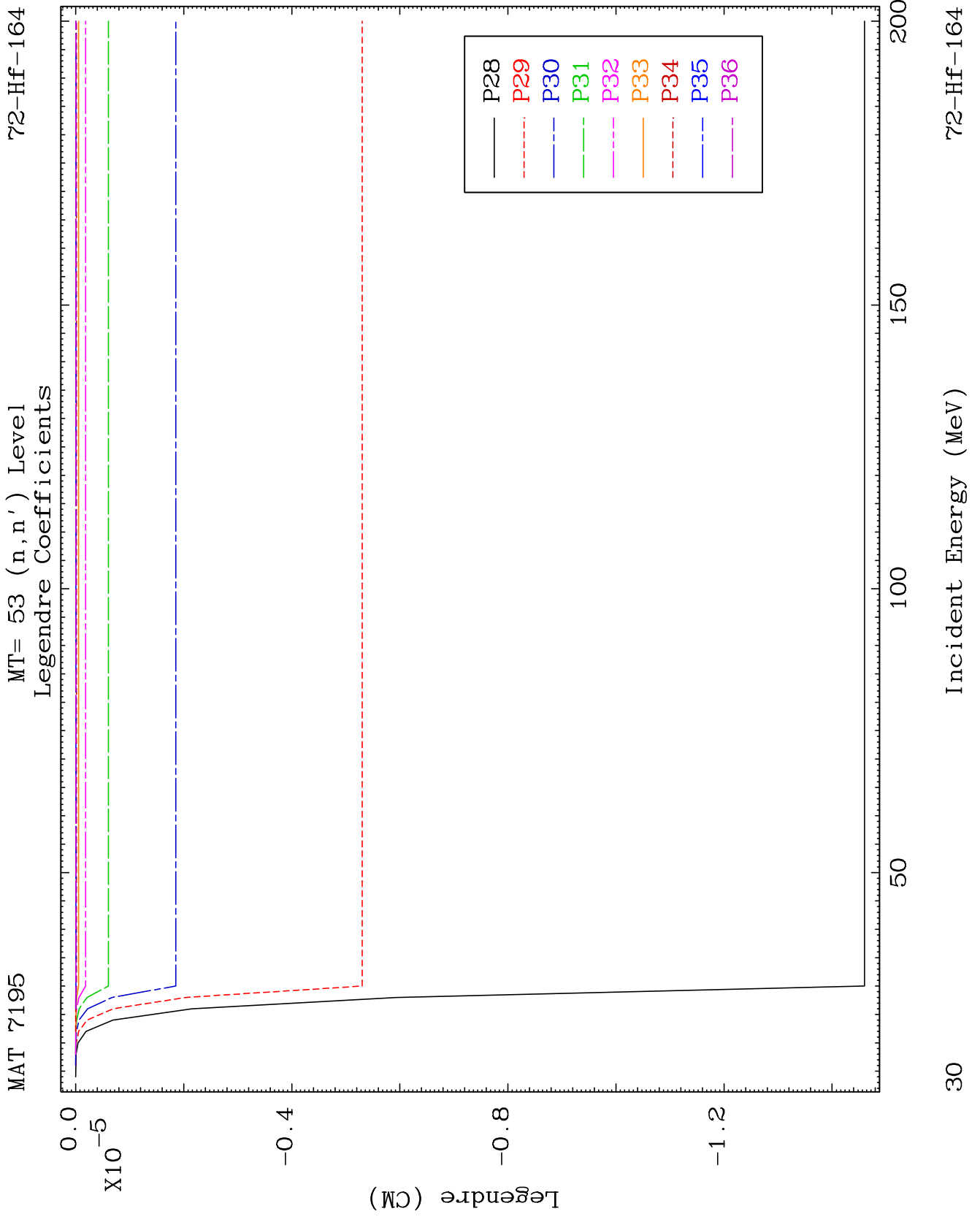
72-Hf-164



29

Incident Energy (MeV)

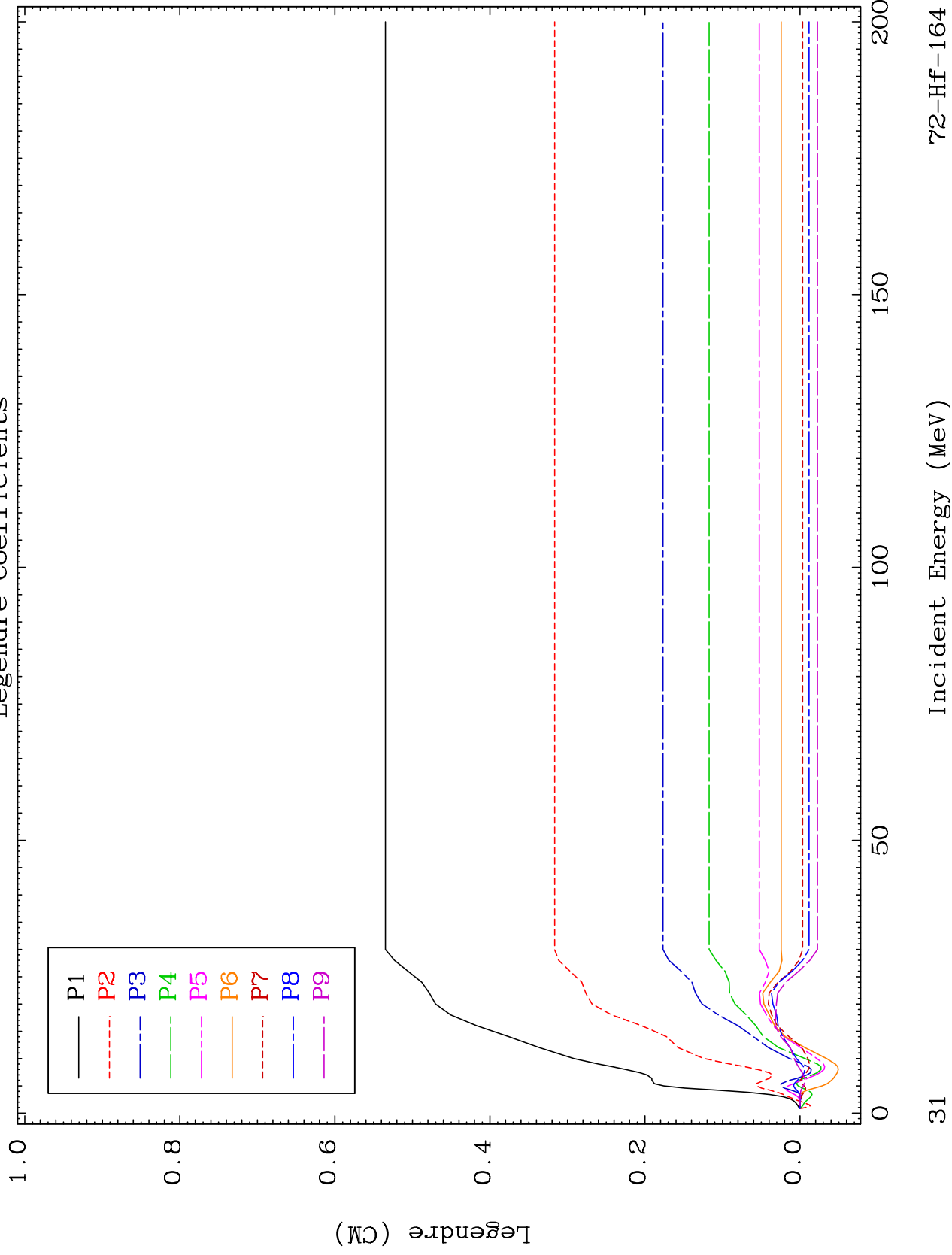
72-Hf-164



MAT 7195

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

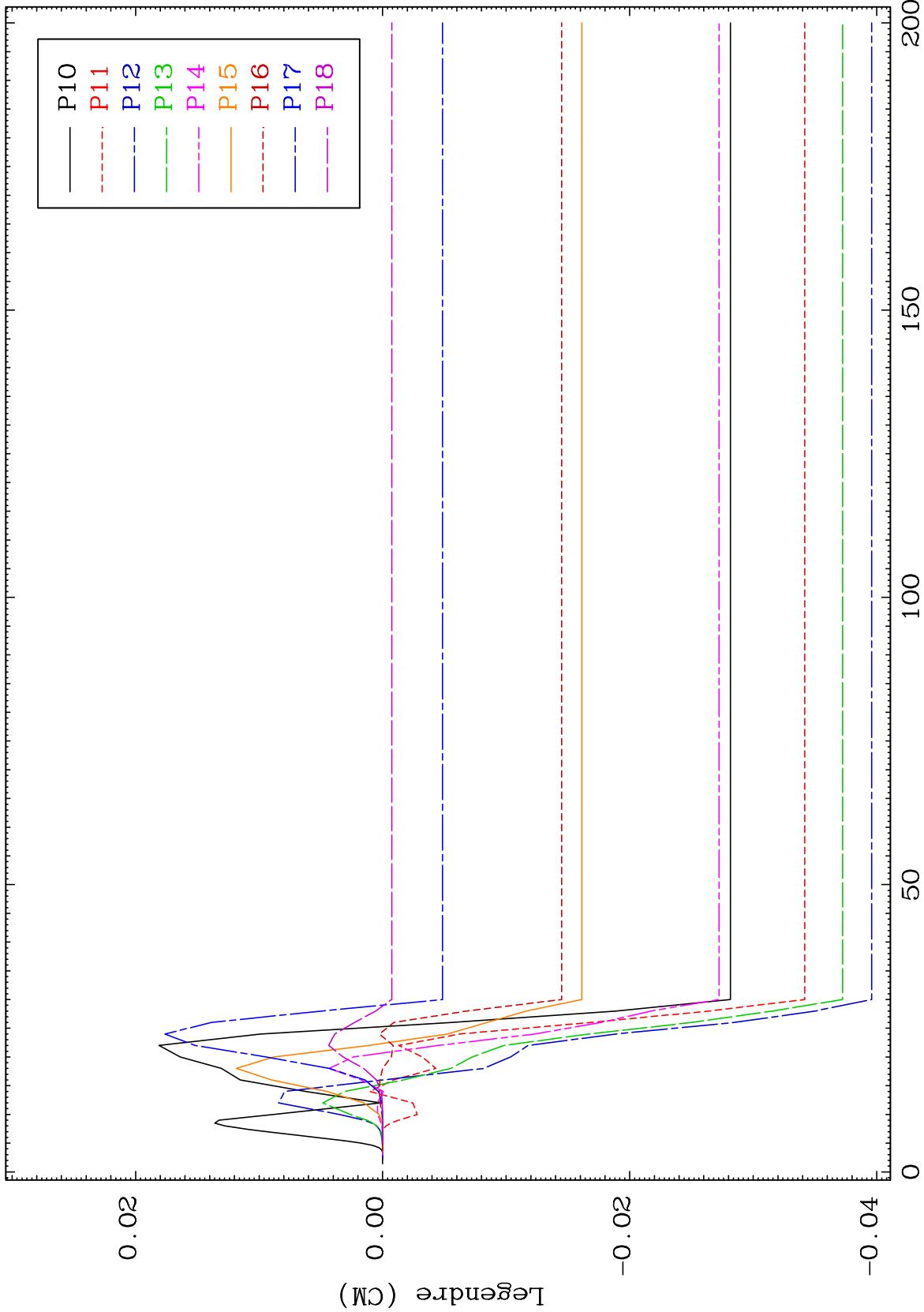
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MAT 7195

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

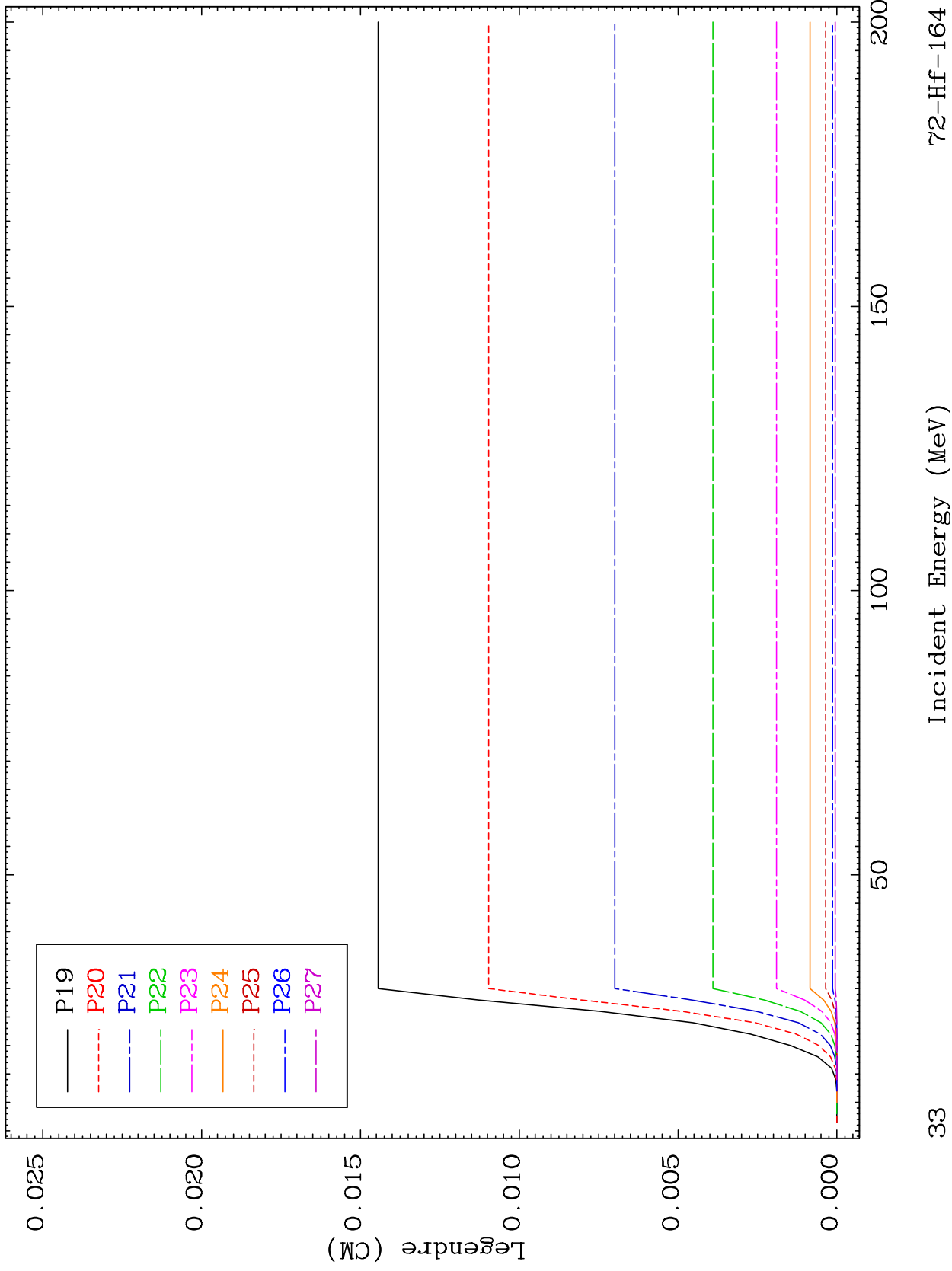
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32

Incident Energy (MeV)

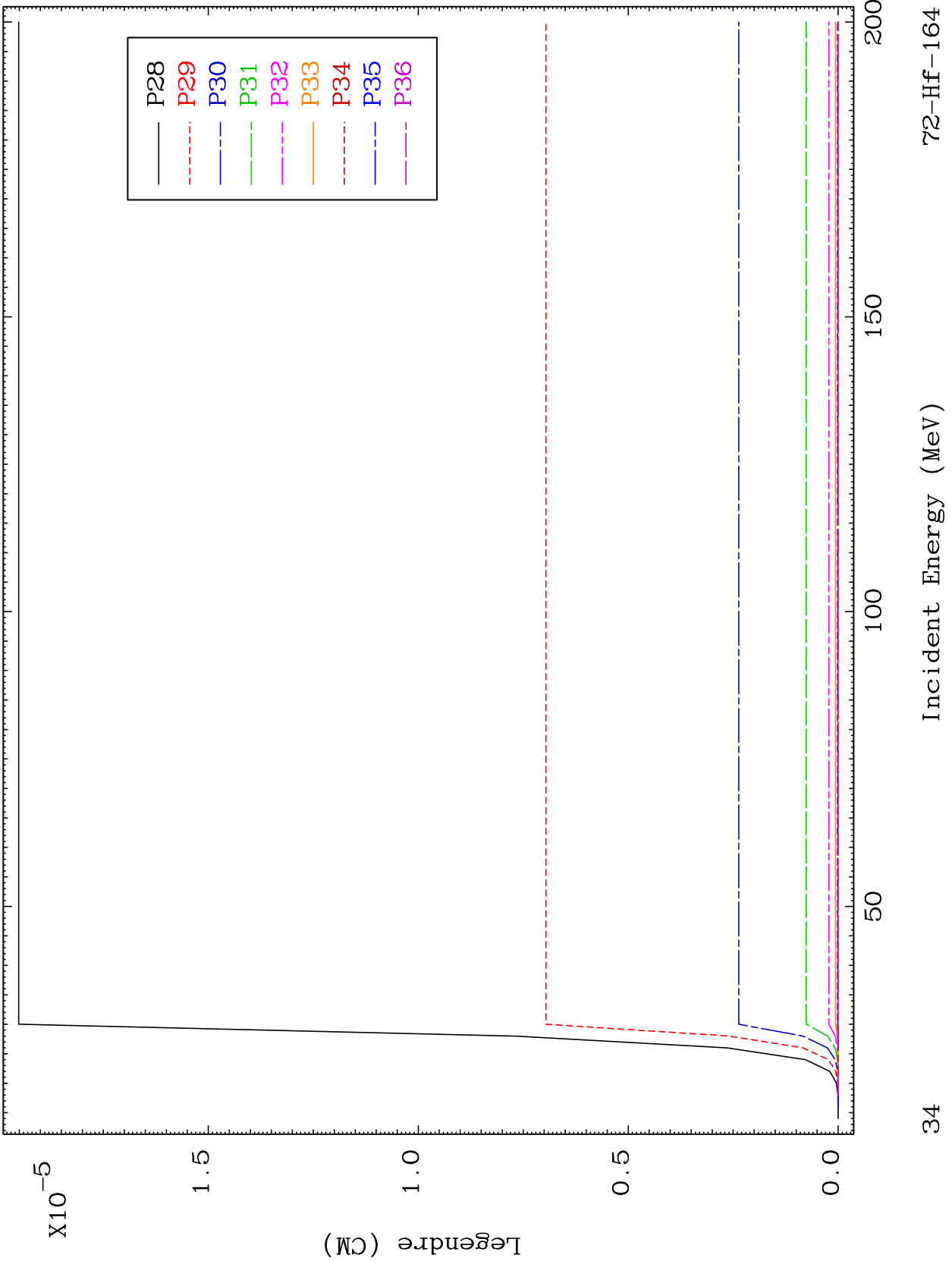
72-Hf-164



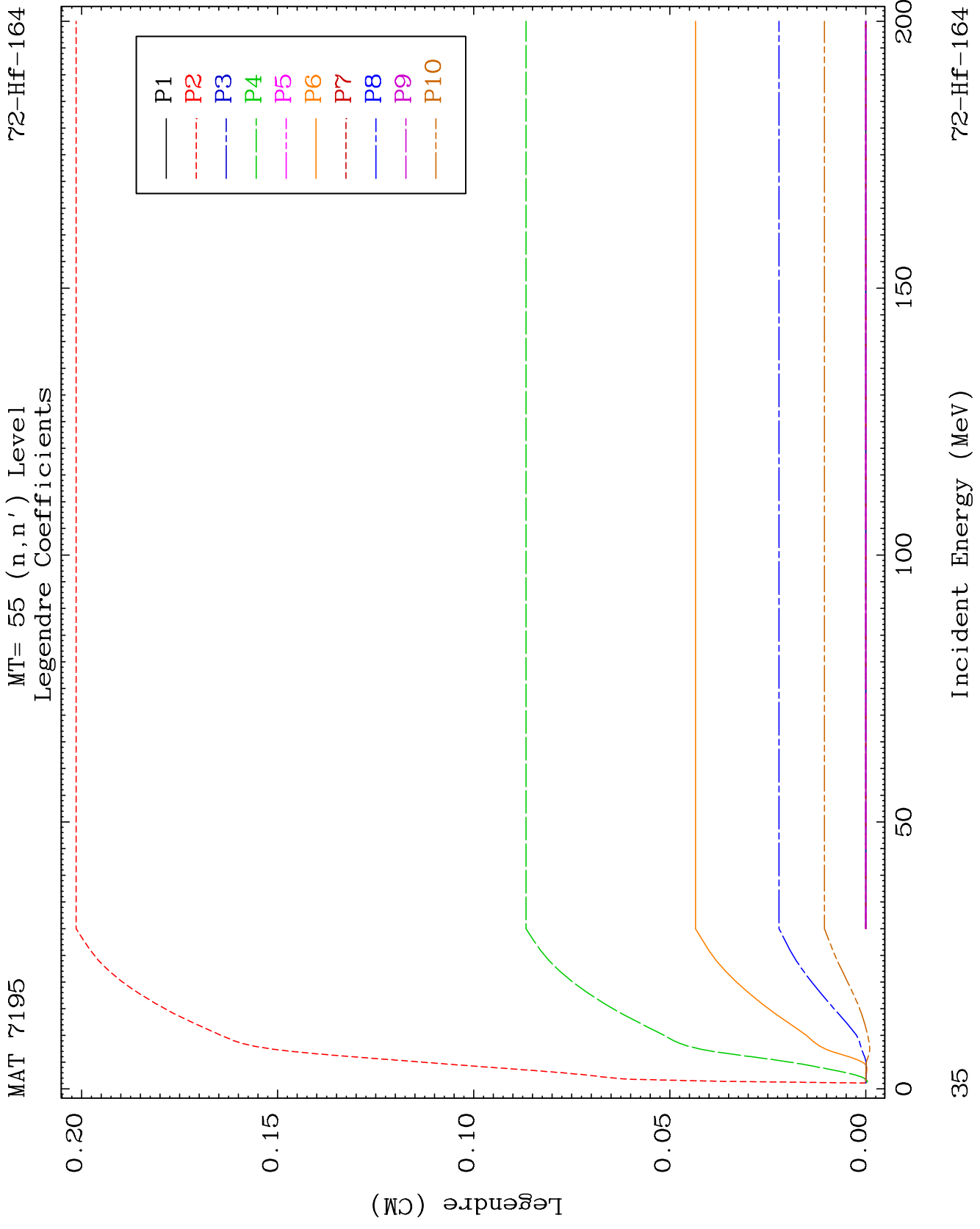
MAT 7195

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

72-Hf-164



34

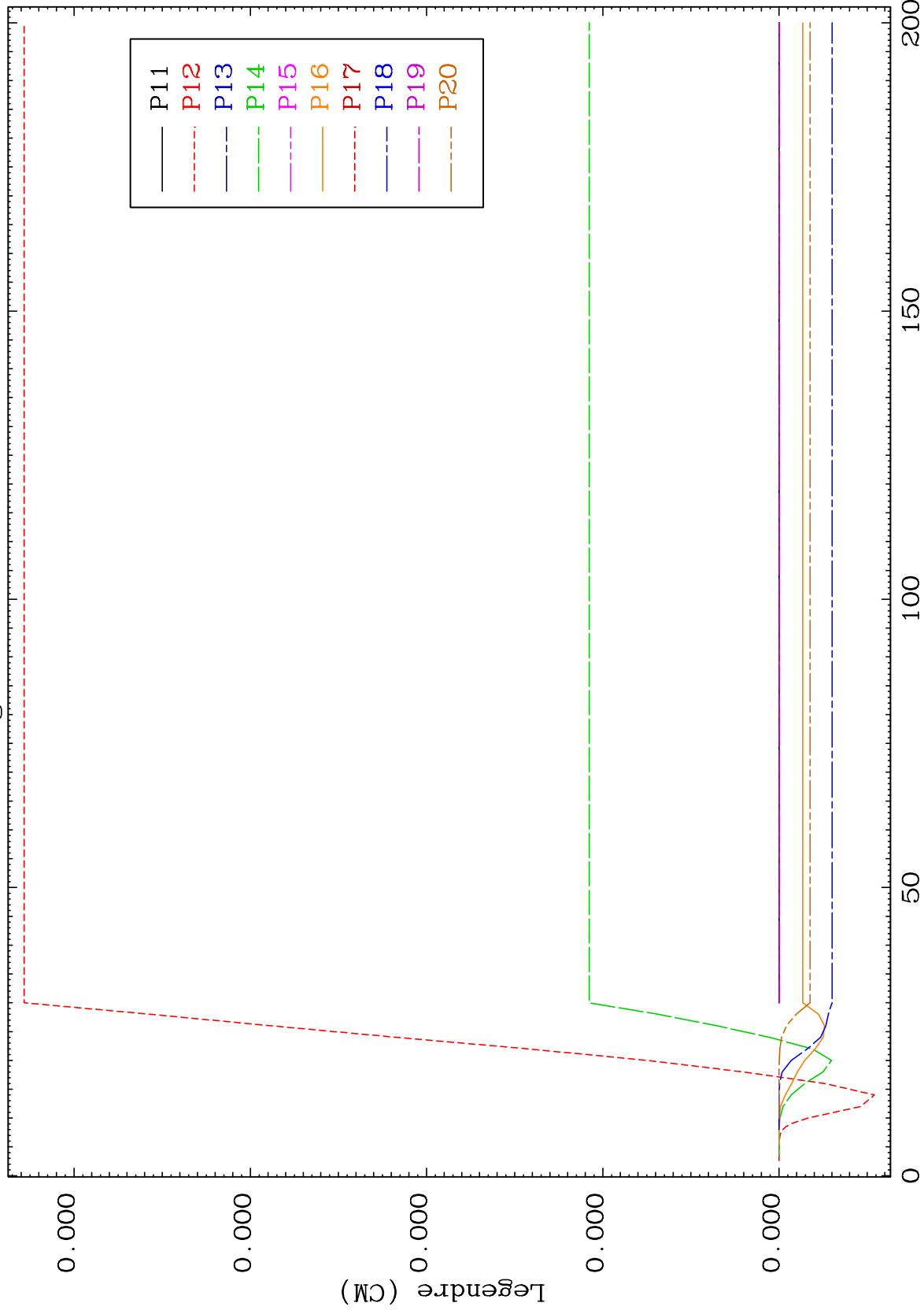


MAT 7195

MT= 55 (n,n') Level

72-Hf-164

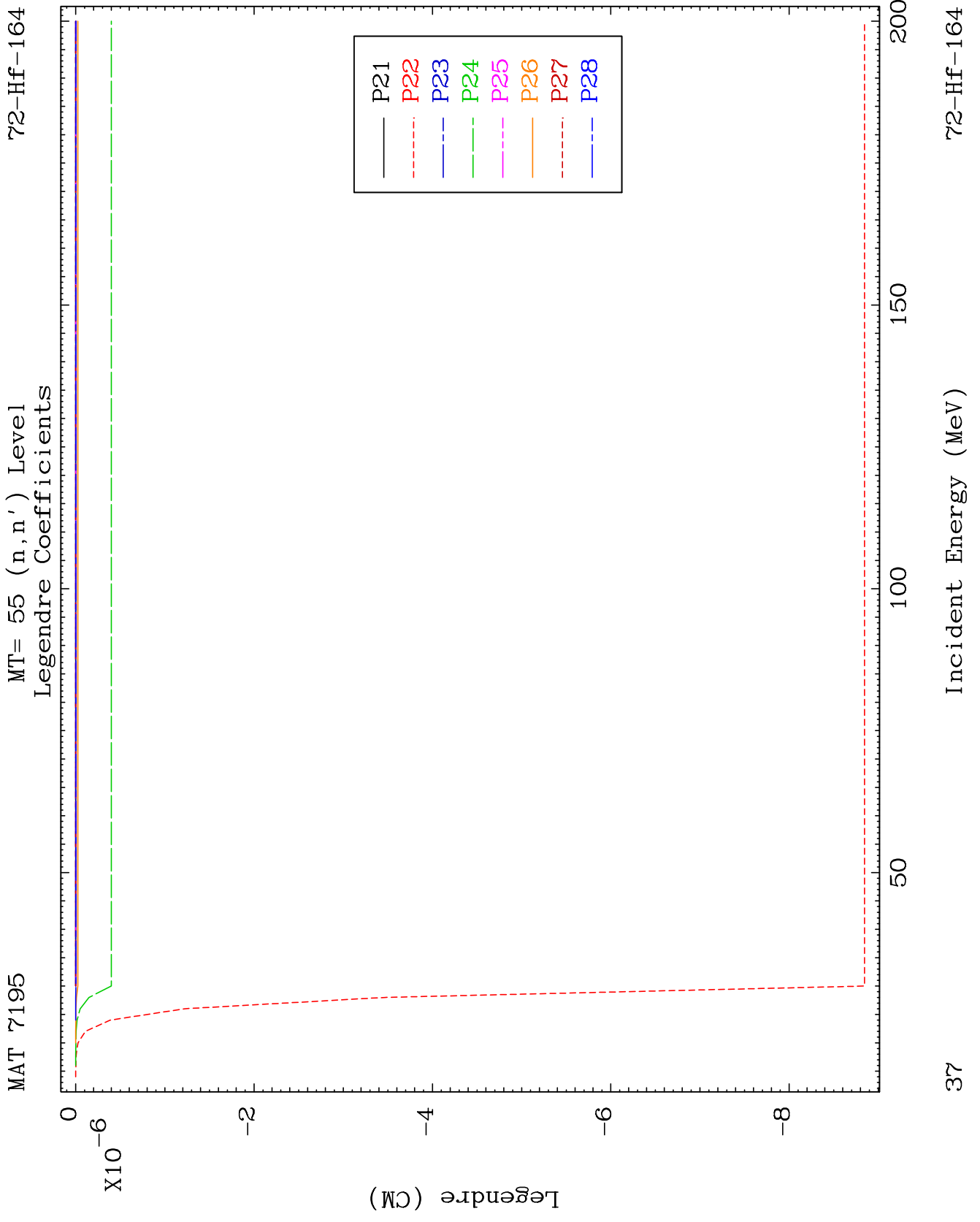
Legendre Coefficients



36

Incident Energy (MeV)

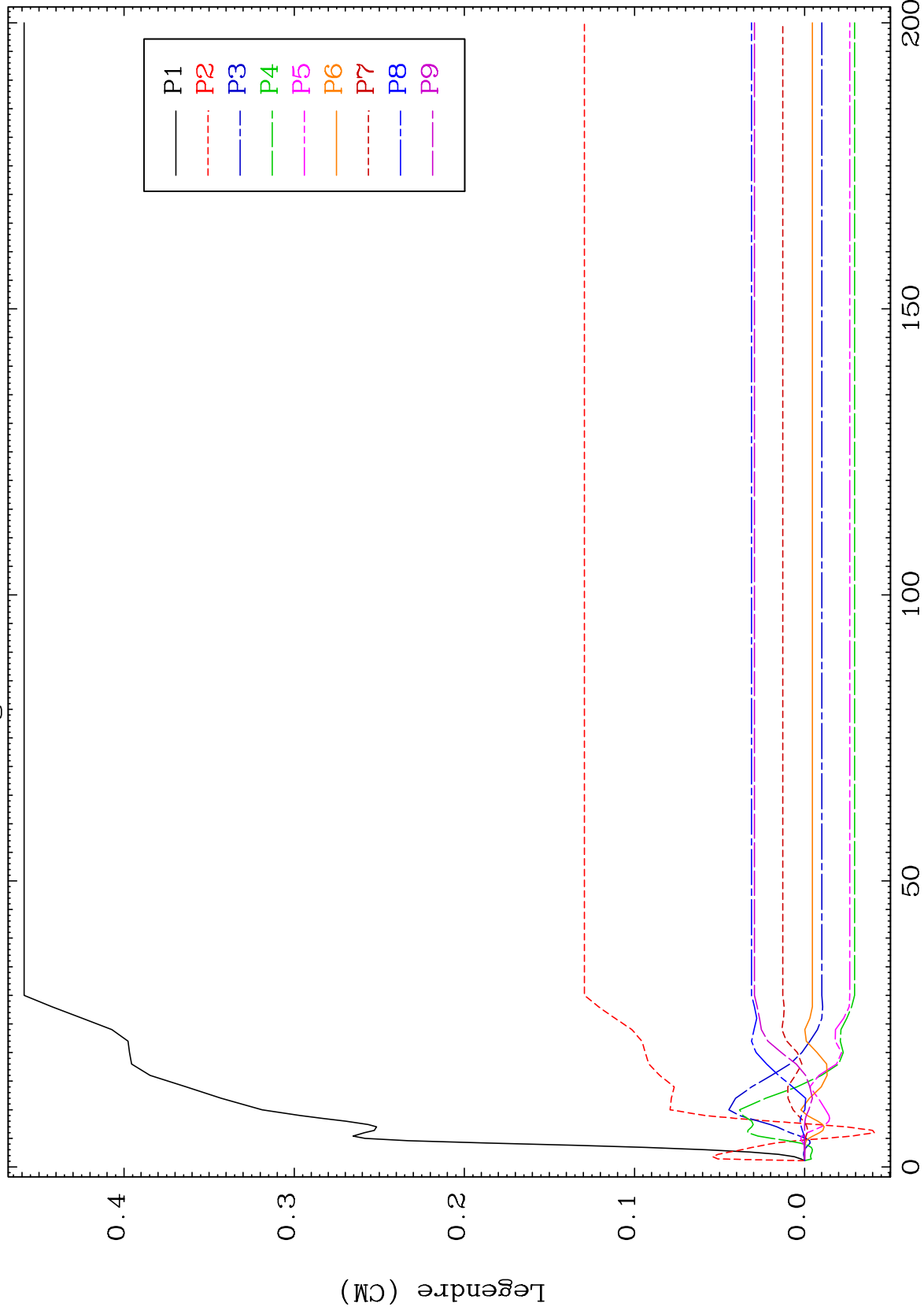
72-Hf-164



MAT 7195

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

72-Hf-164



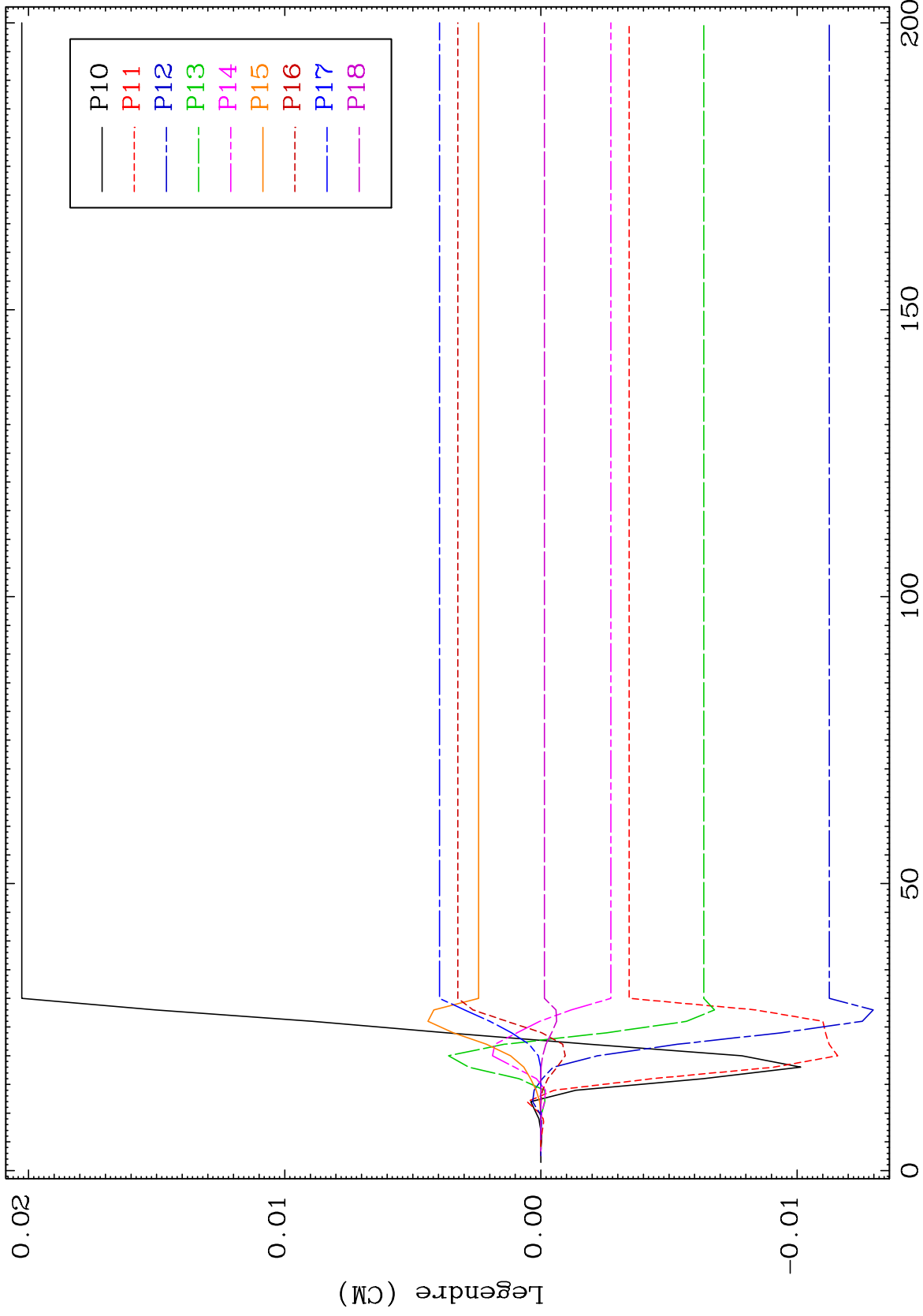
38

72-Hf-164

MAT 7195

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

72-Hf-164



39

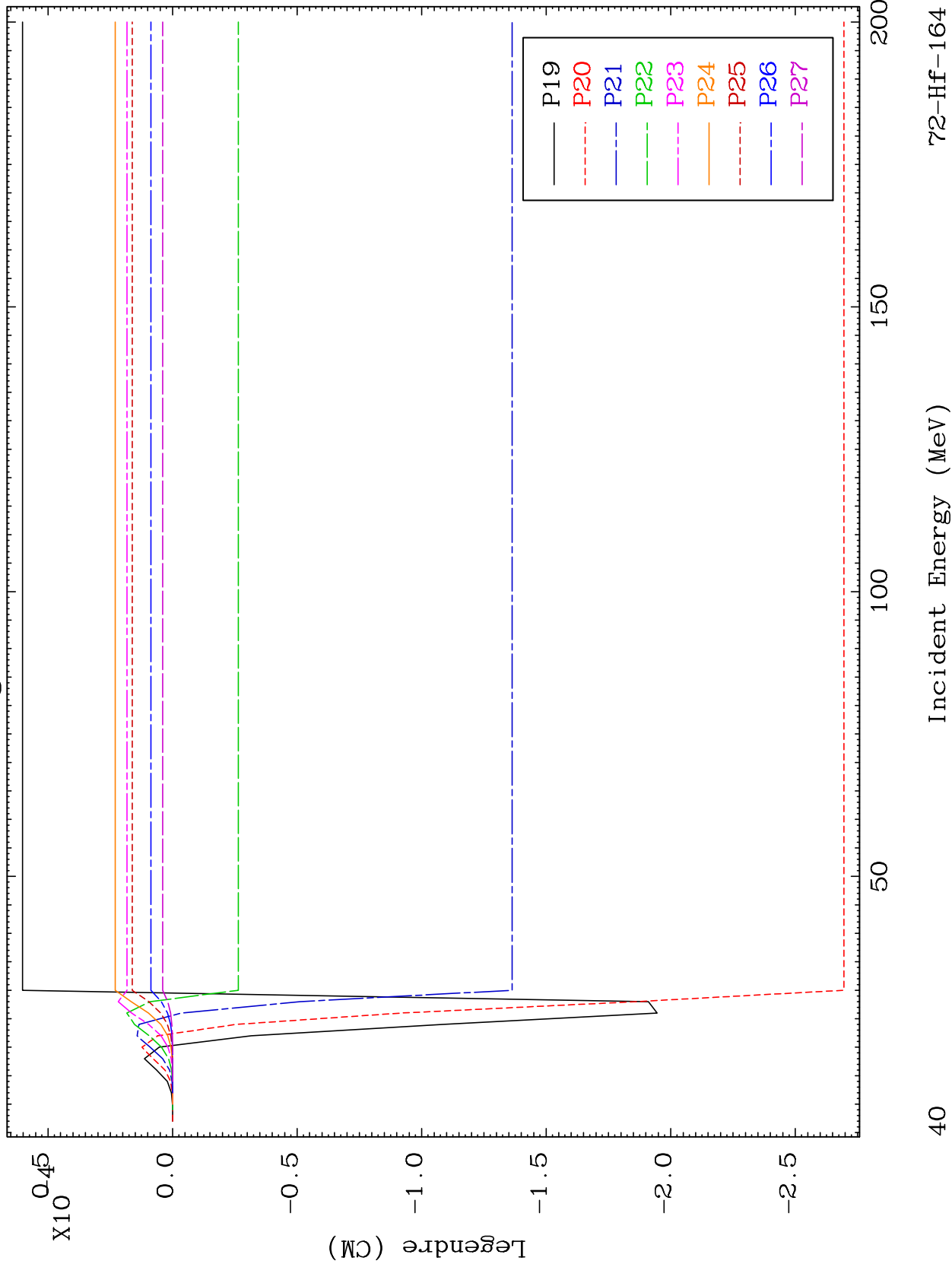
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

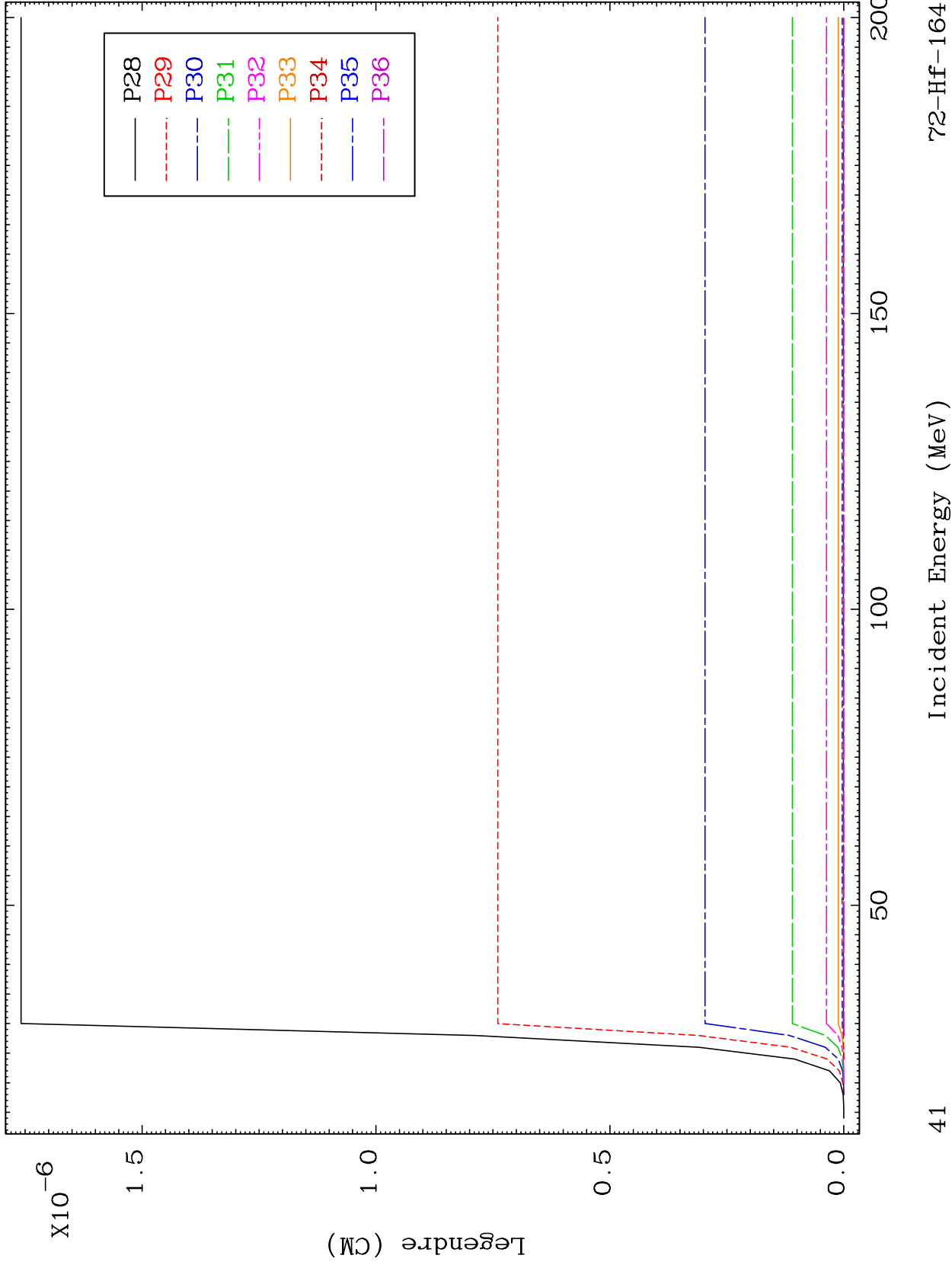
MT= 56 (n,n') Level
Legendre Coefficients



MAT 7195

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

72-Hf-164



41

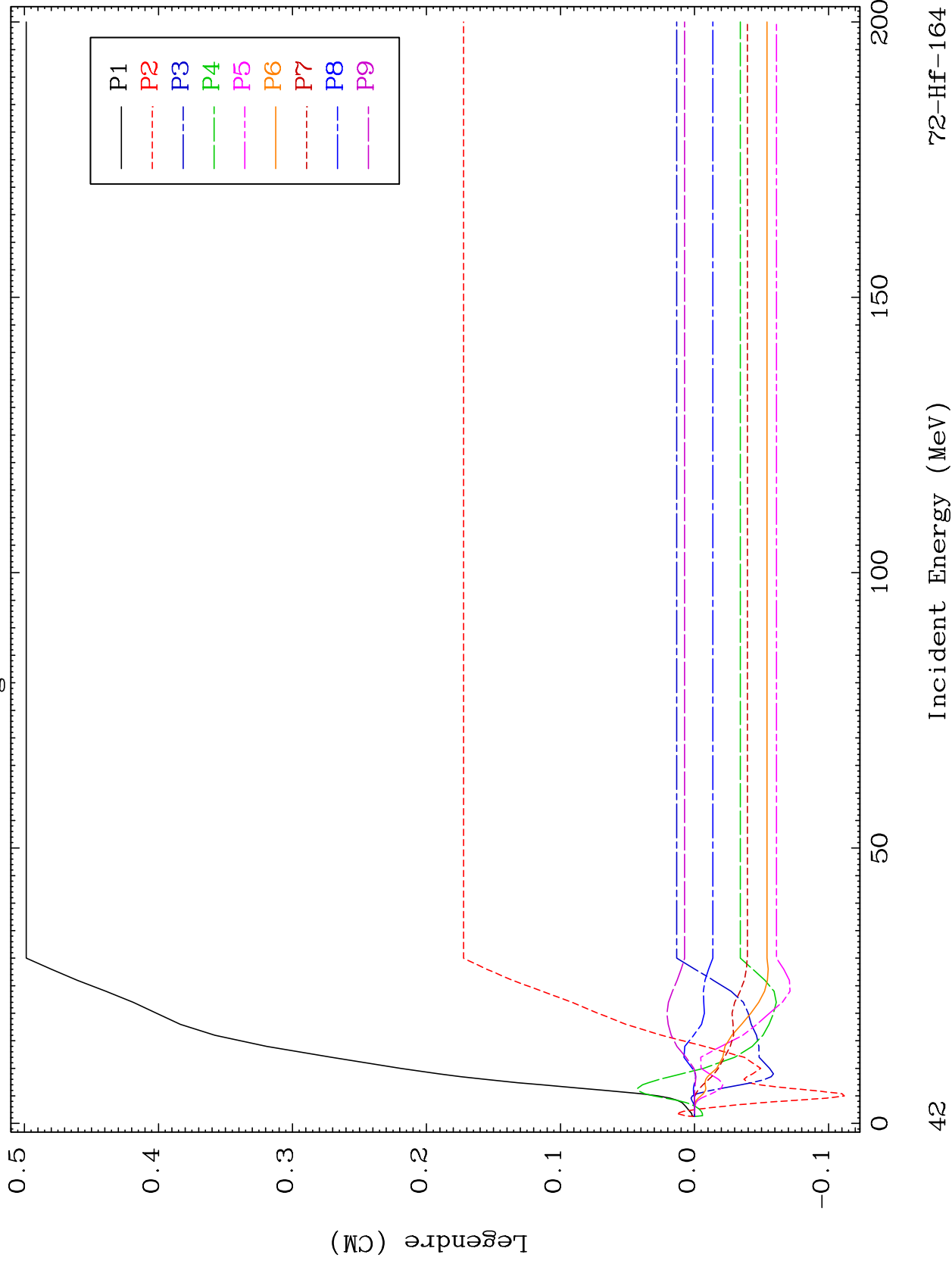
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

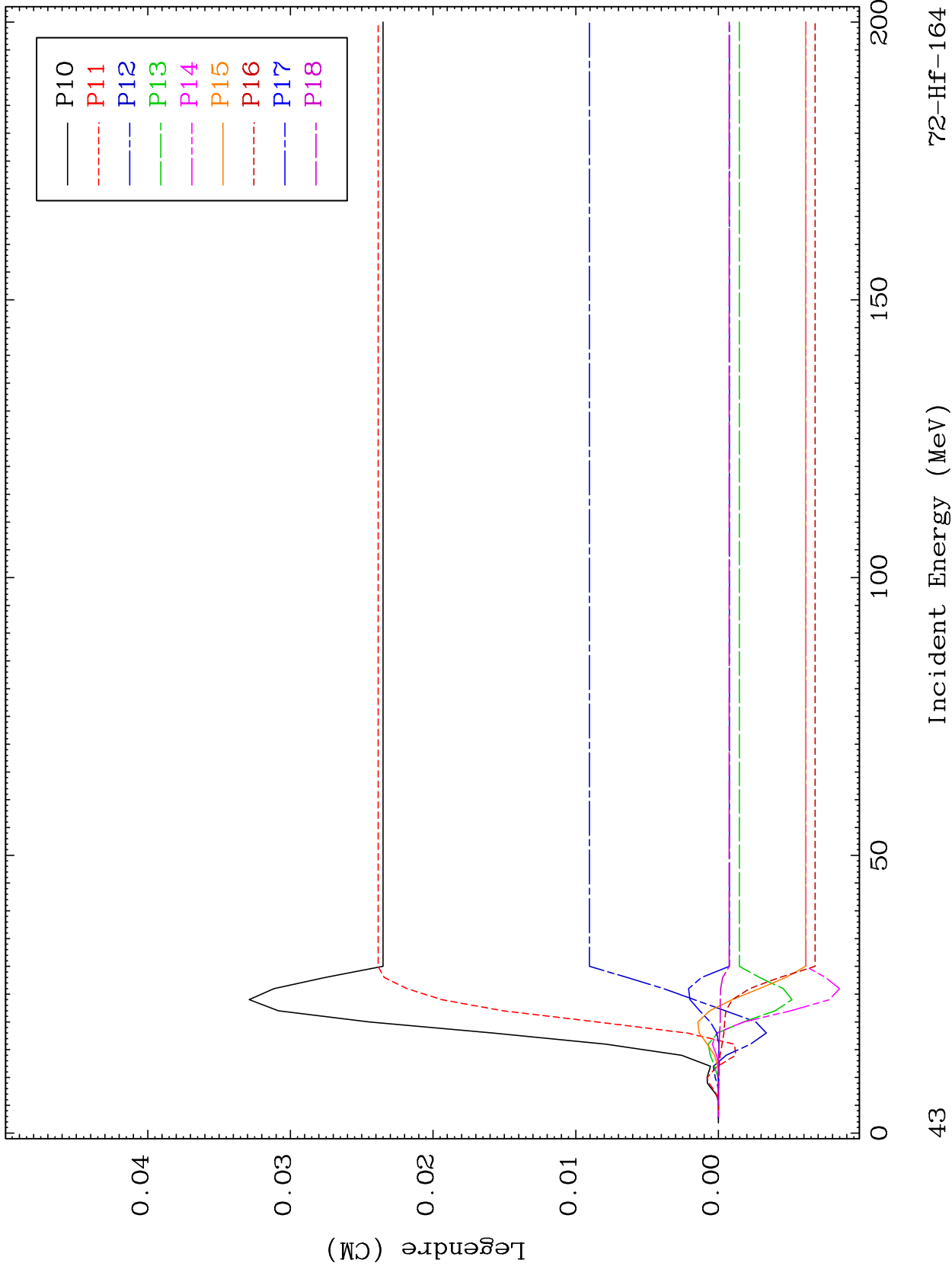
Incident Energy (MeV)

42

MAT 7195

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

72-Hf-164



43

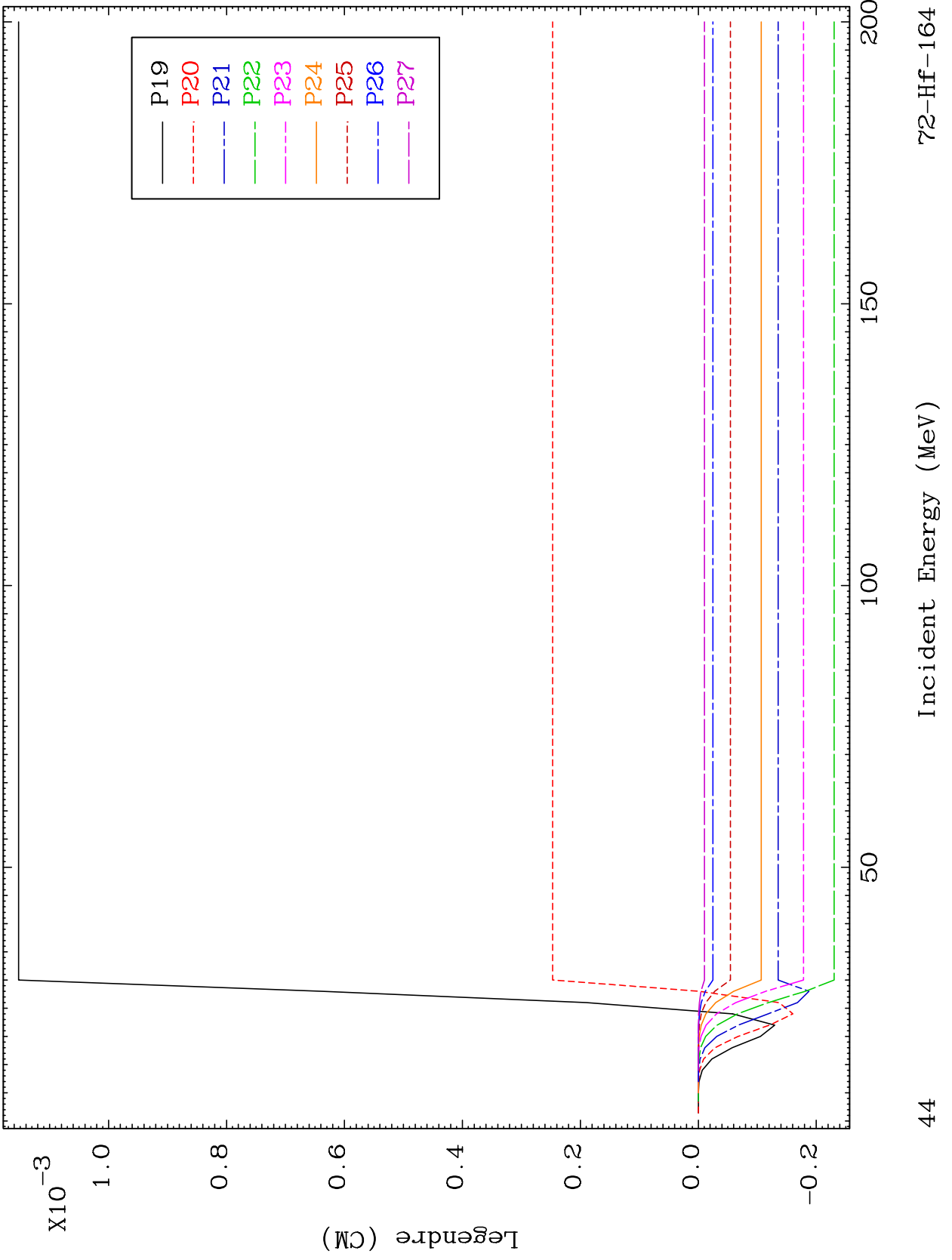
Incident Energy (MeV)

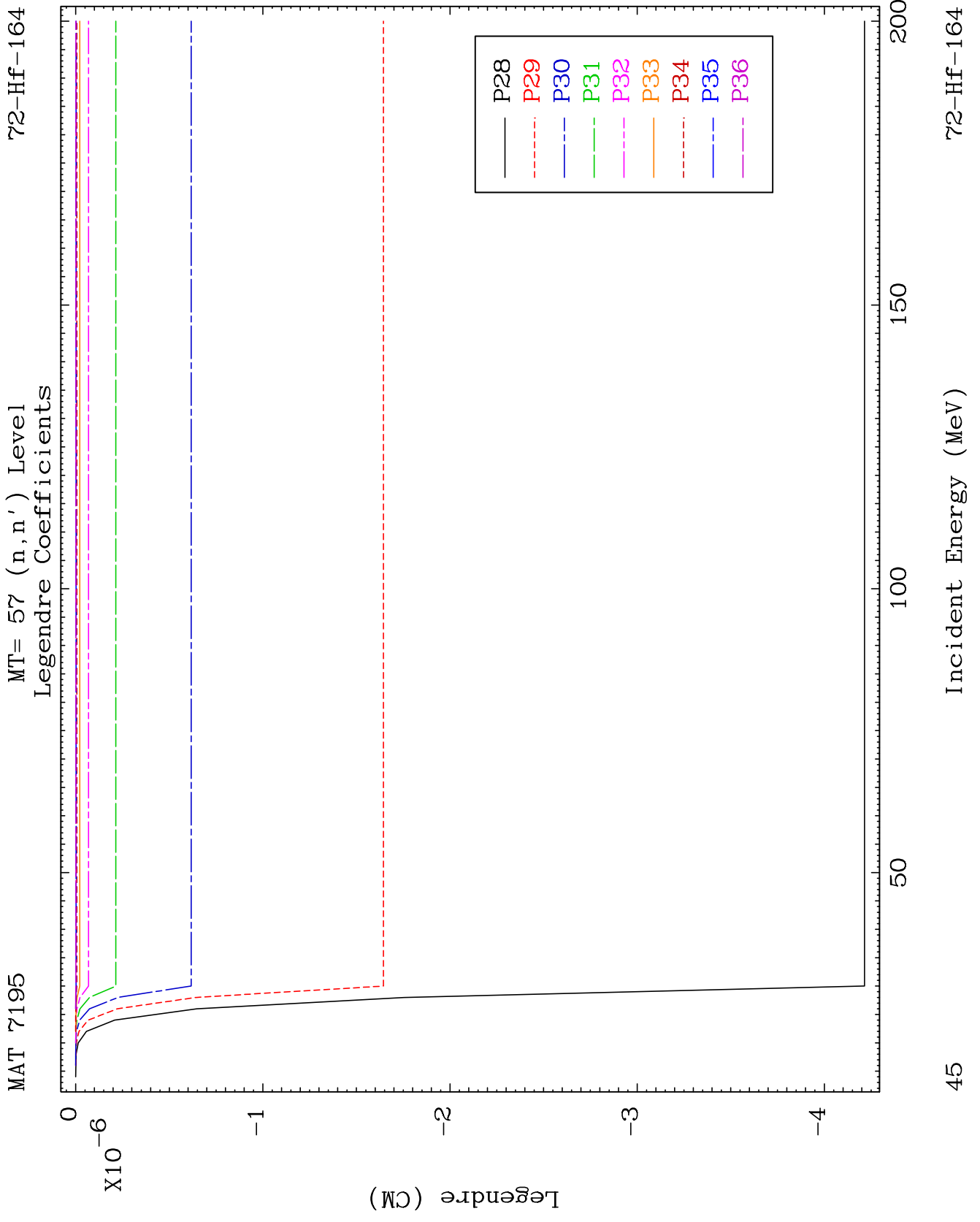
72-Hf-164

MAT 7195

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

72-Hf-164

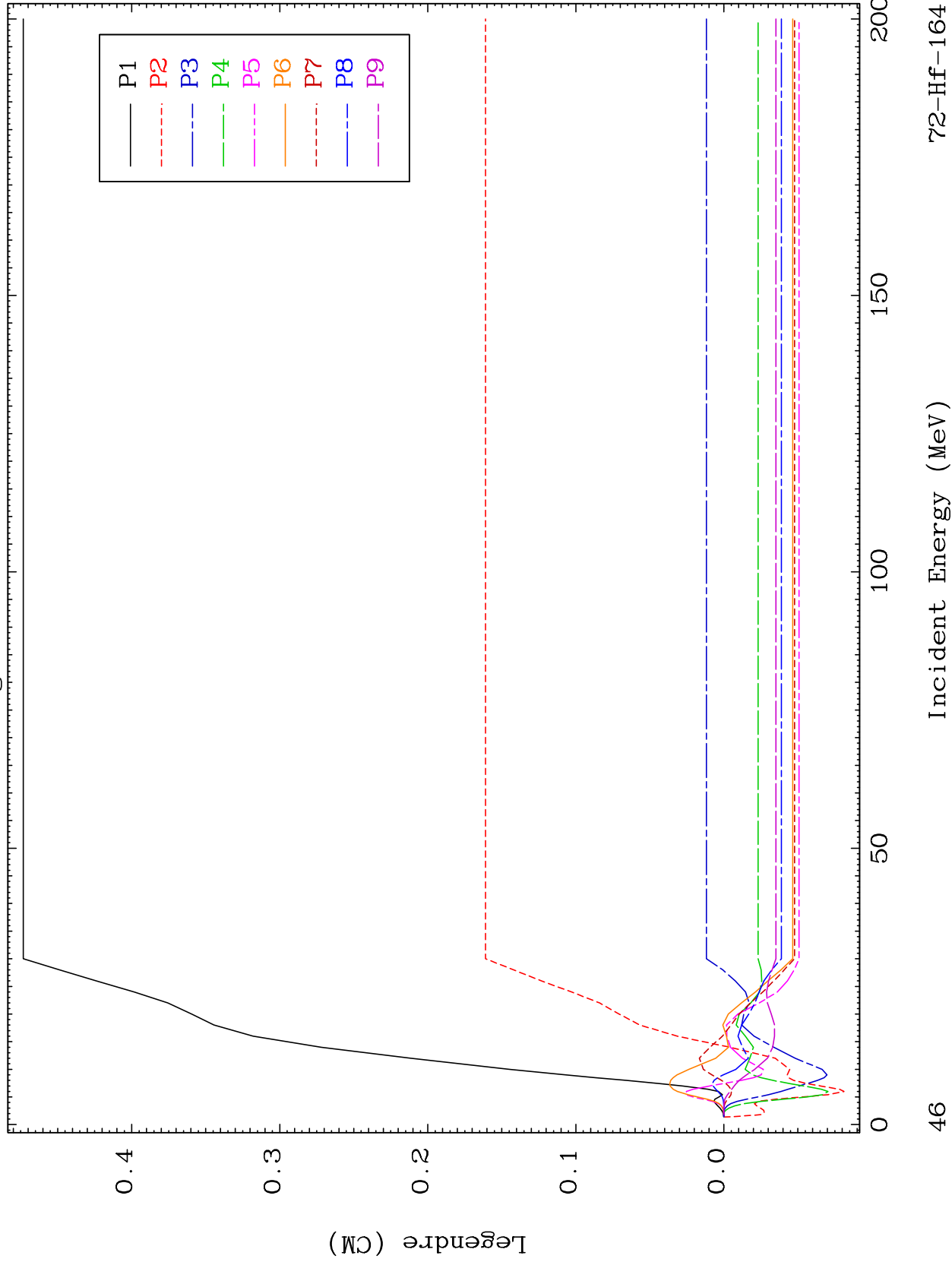




MAT 7195

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

72-Hf-164



72-Hf-164

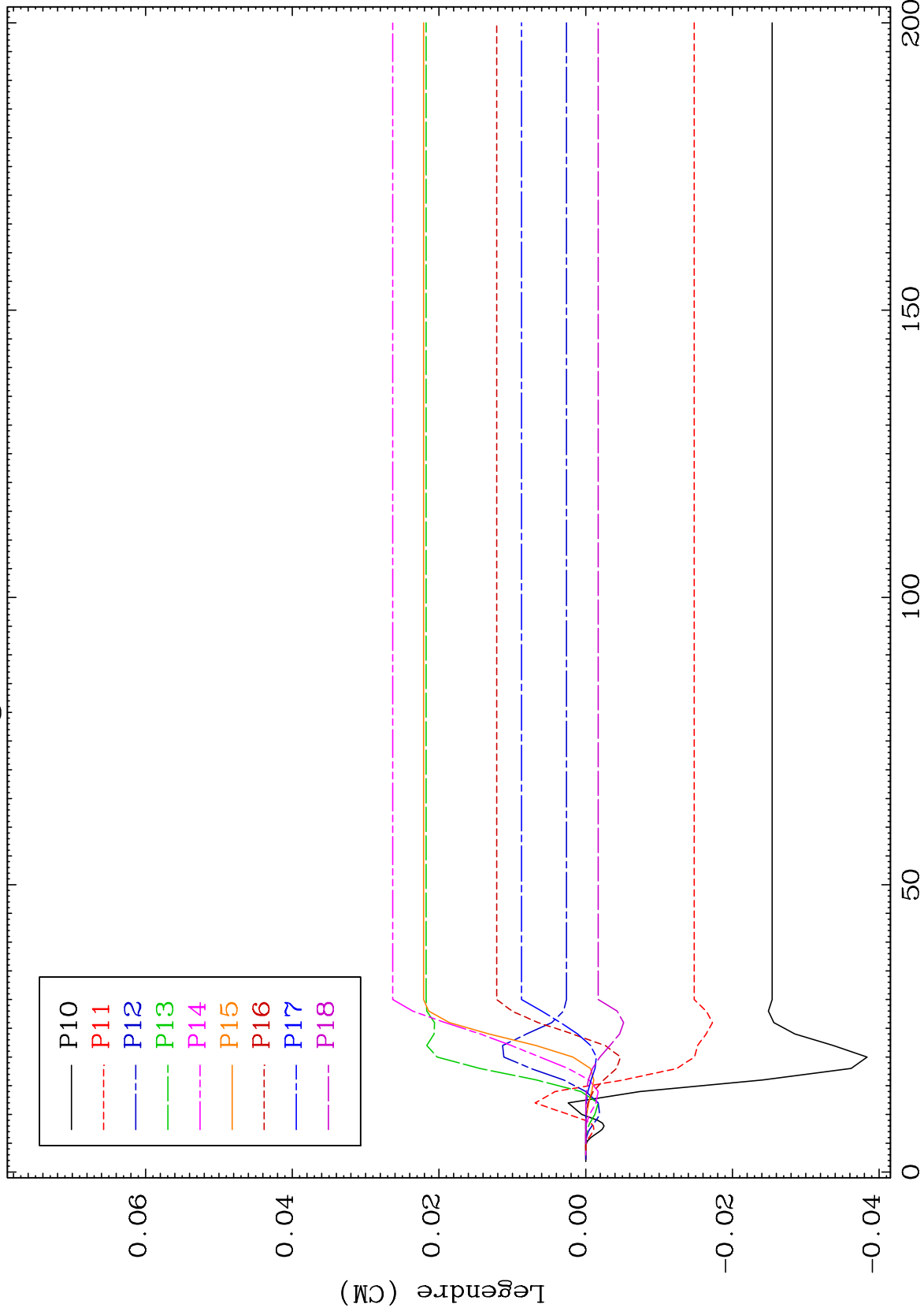
Incident Energy (MeV)

46

MAT 7195

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

72-Hf-164



47

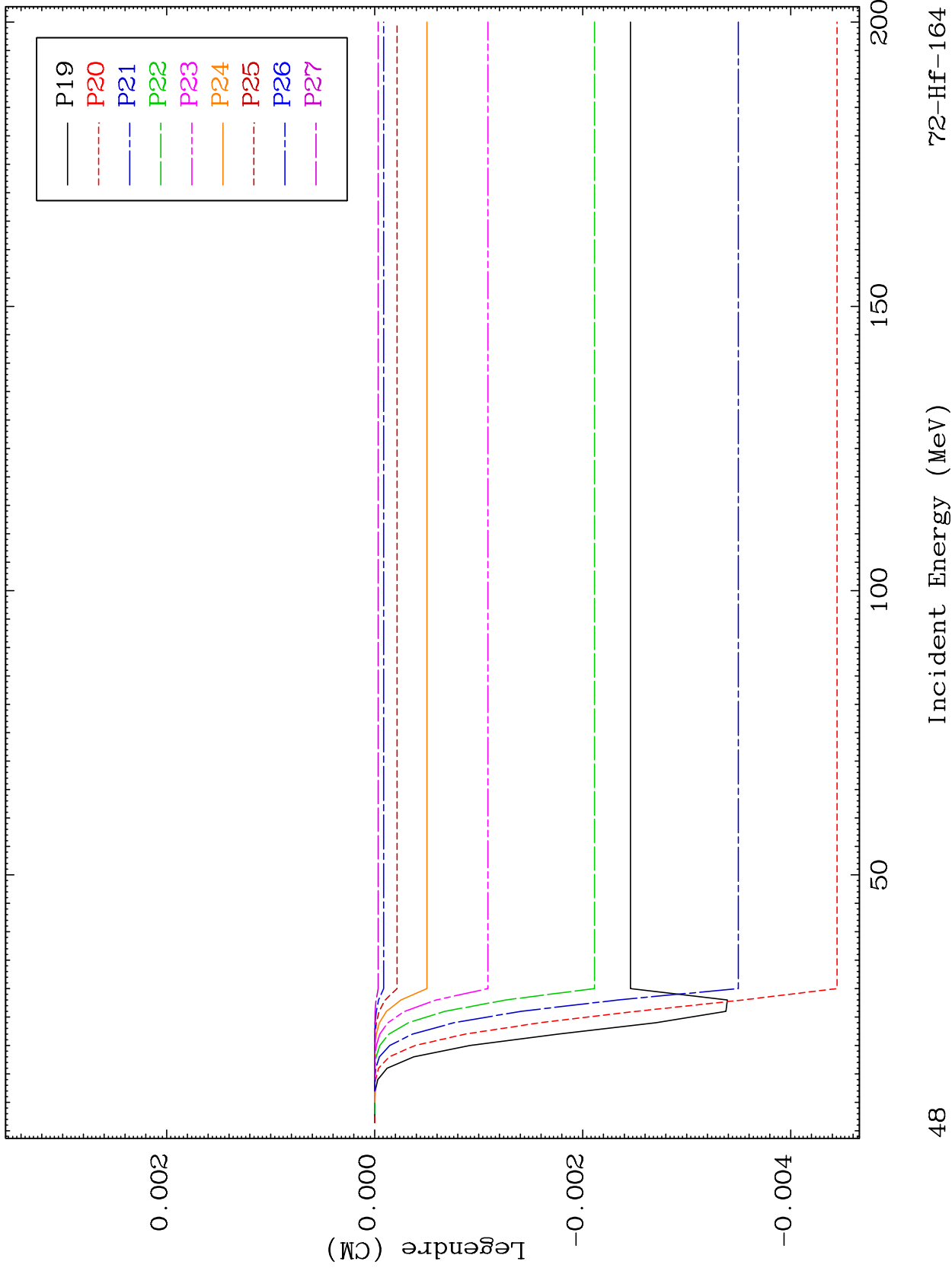
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

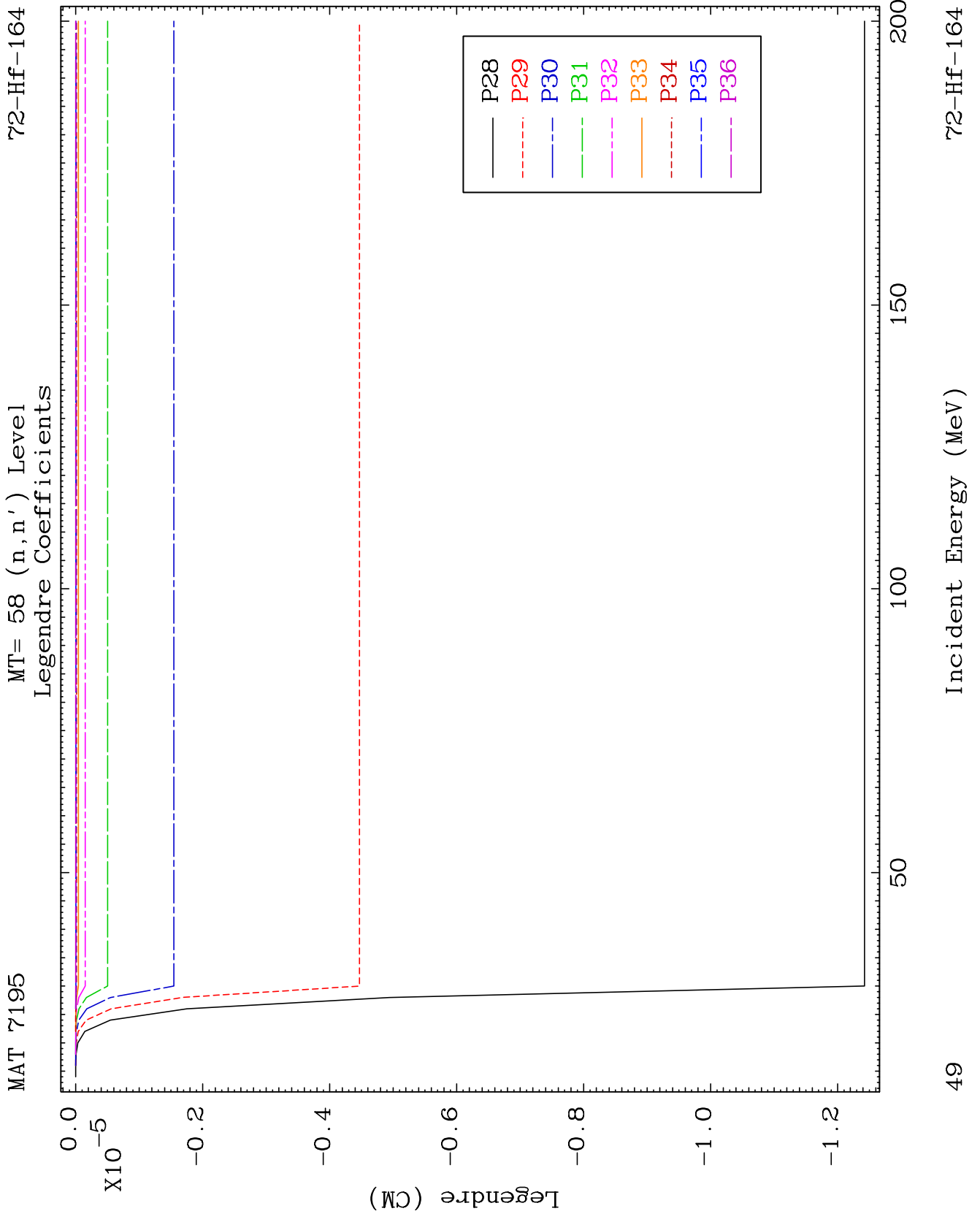
72-Hf-164



48

Incident Energy (MeV)

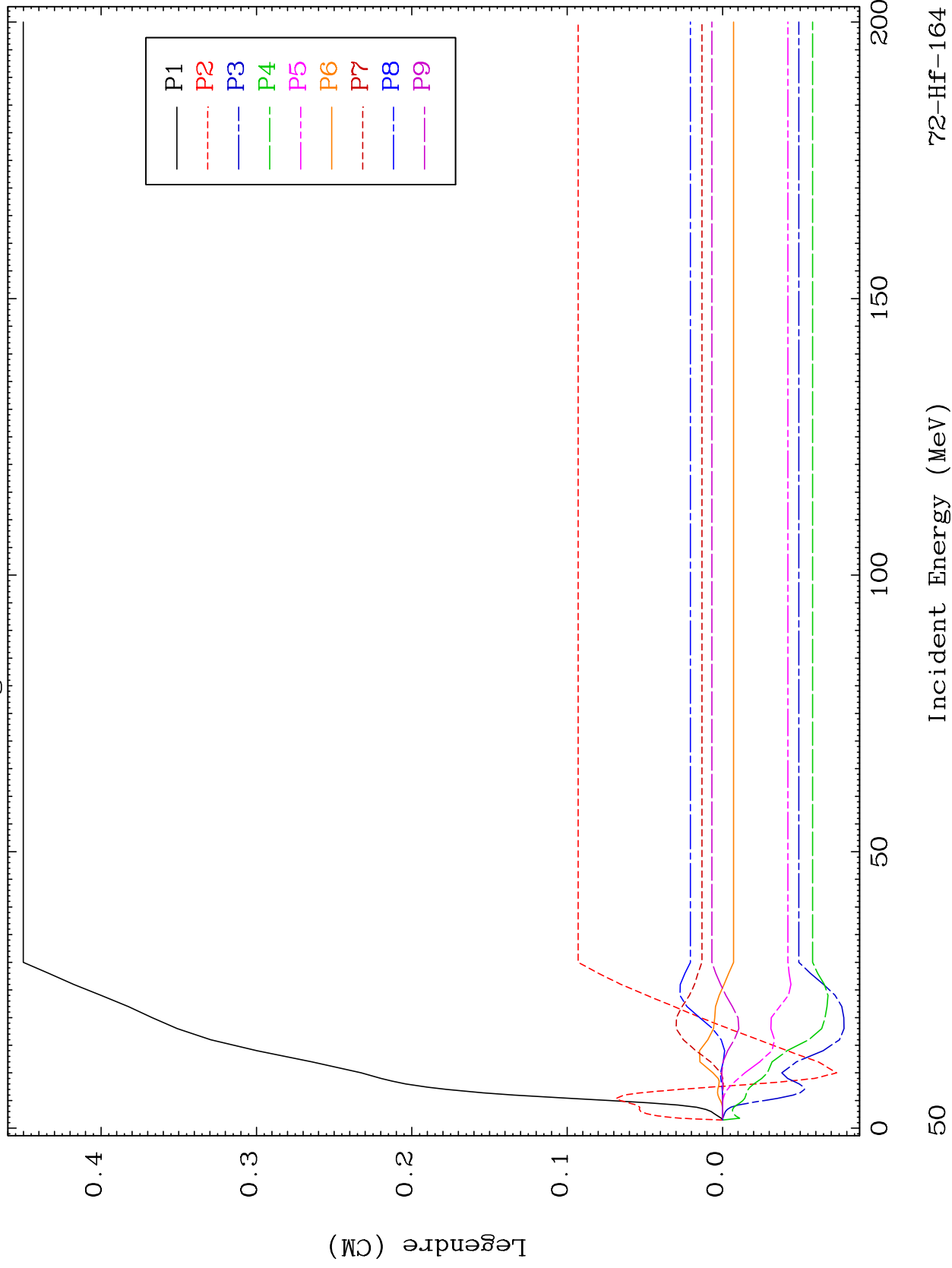
72-Hf-164



MAT 7195

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

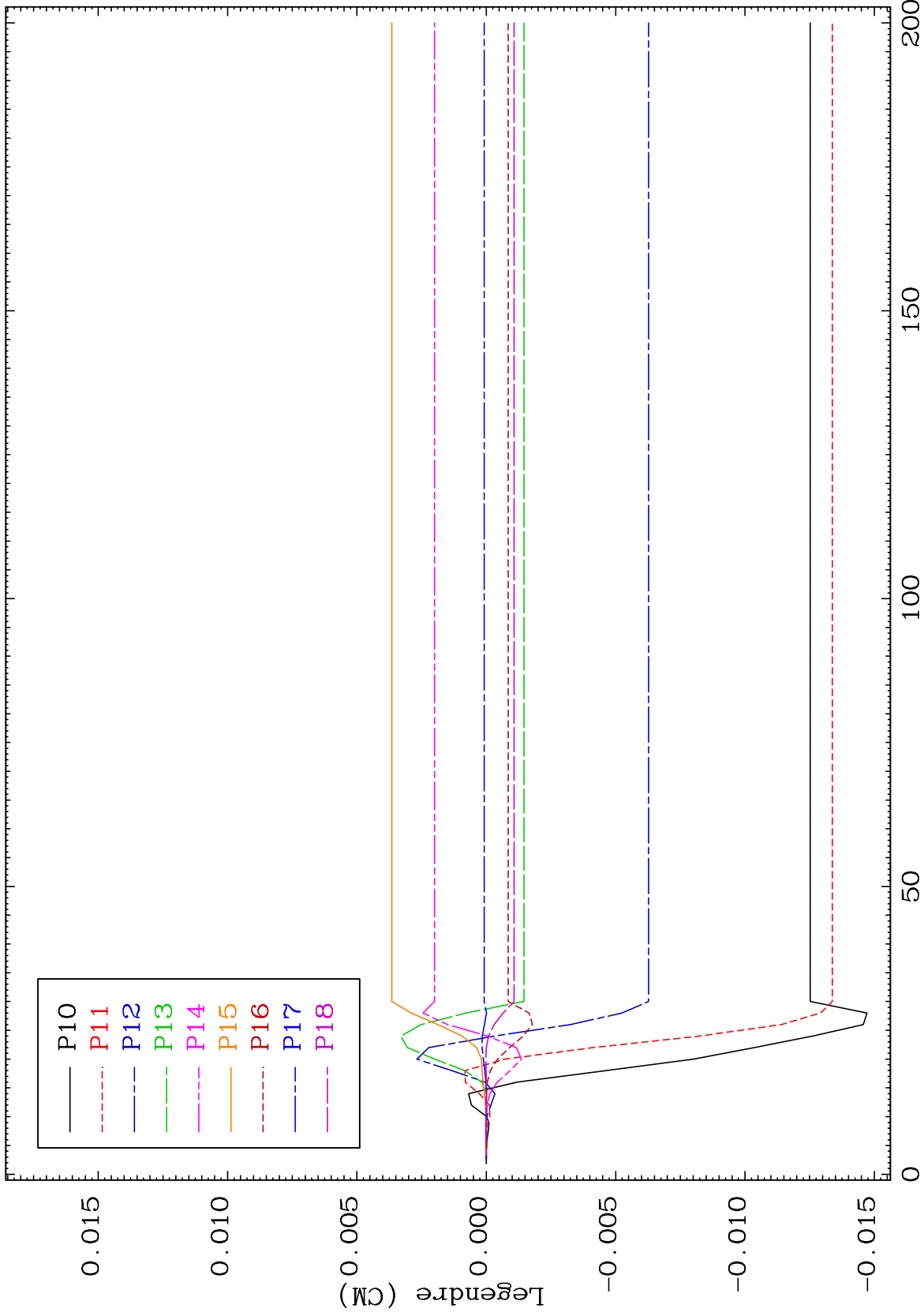
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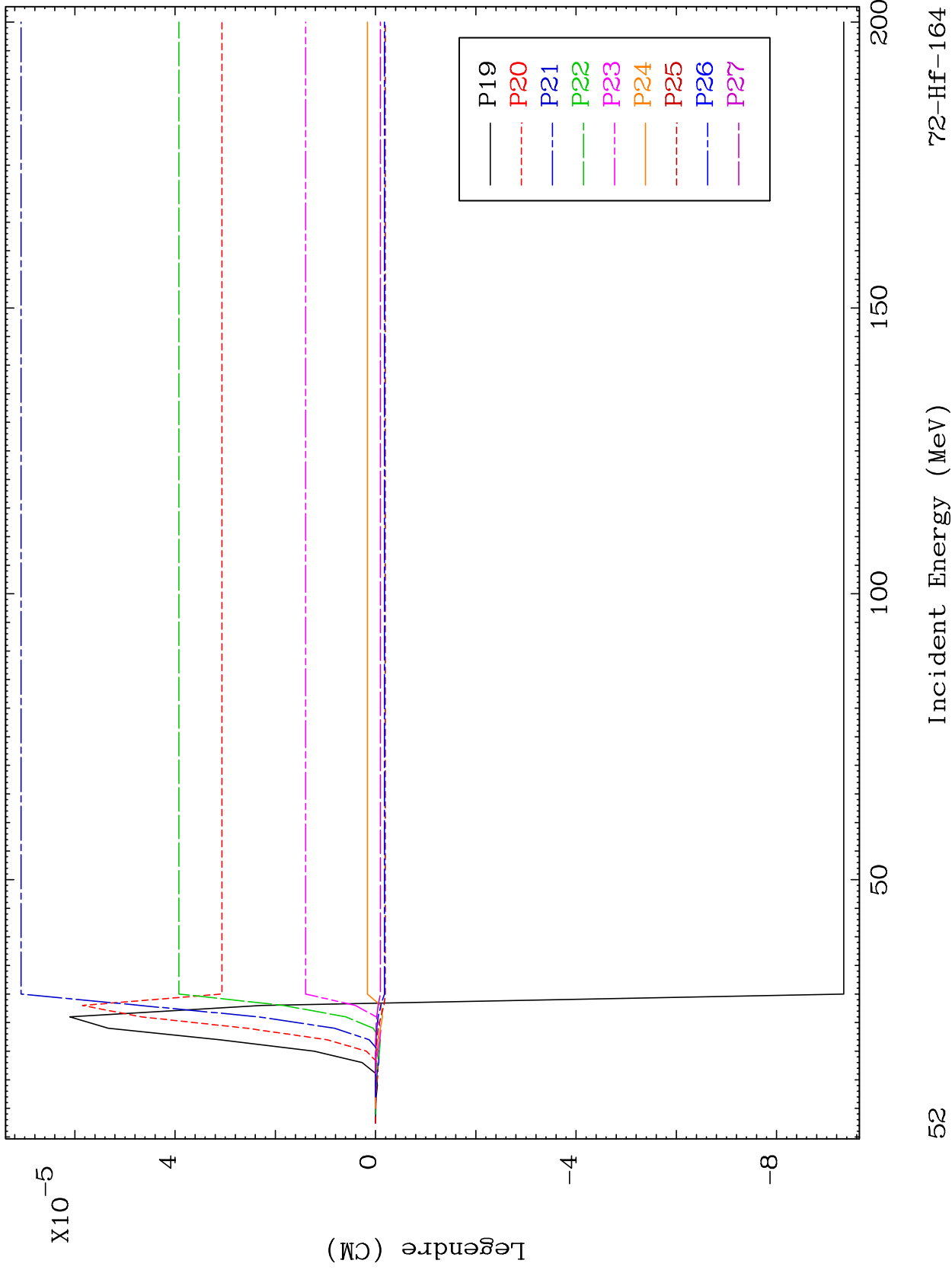


72-Hf-164

Incident Energy (MeV)

50



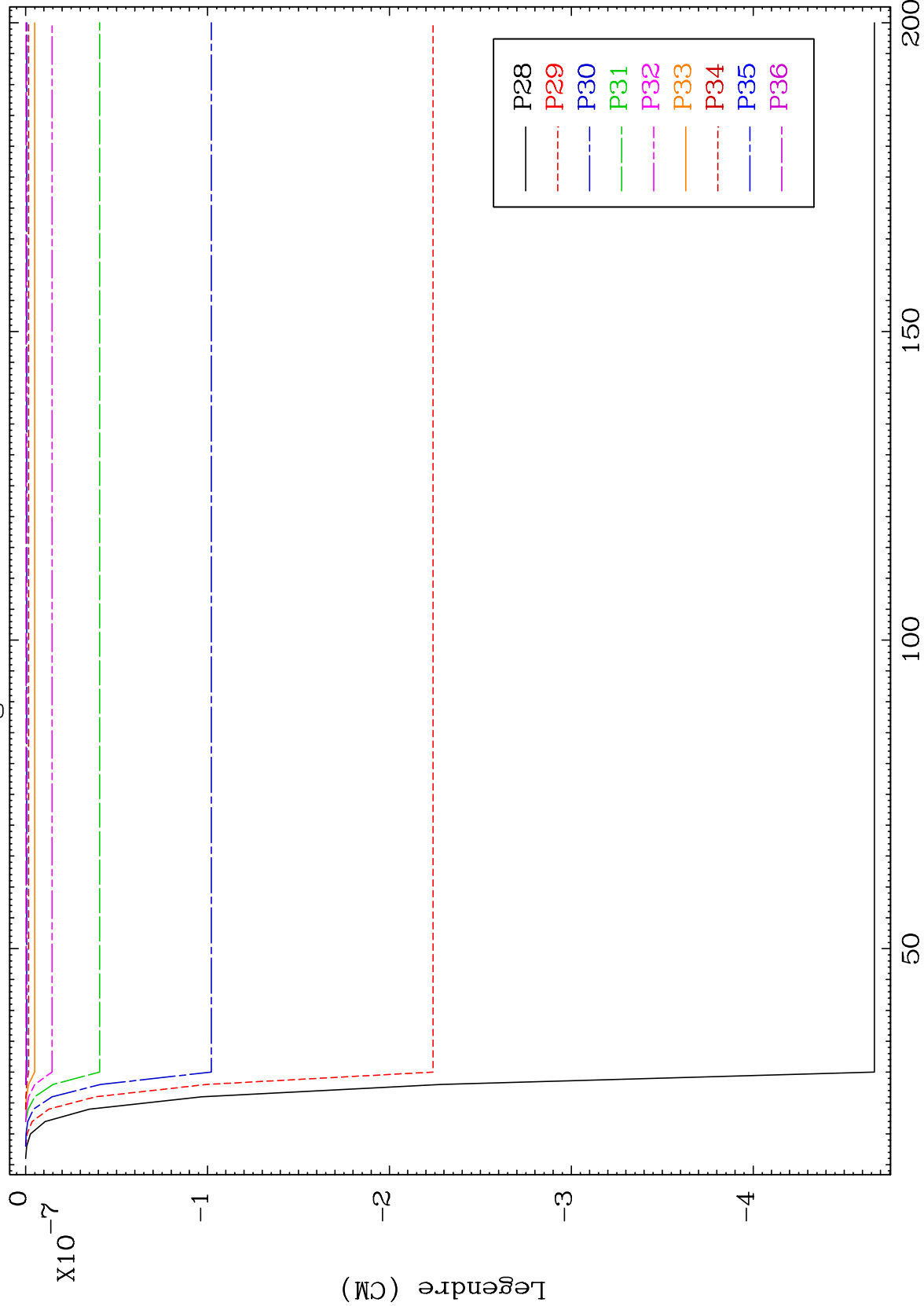


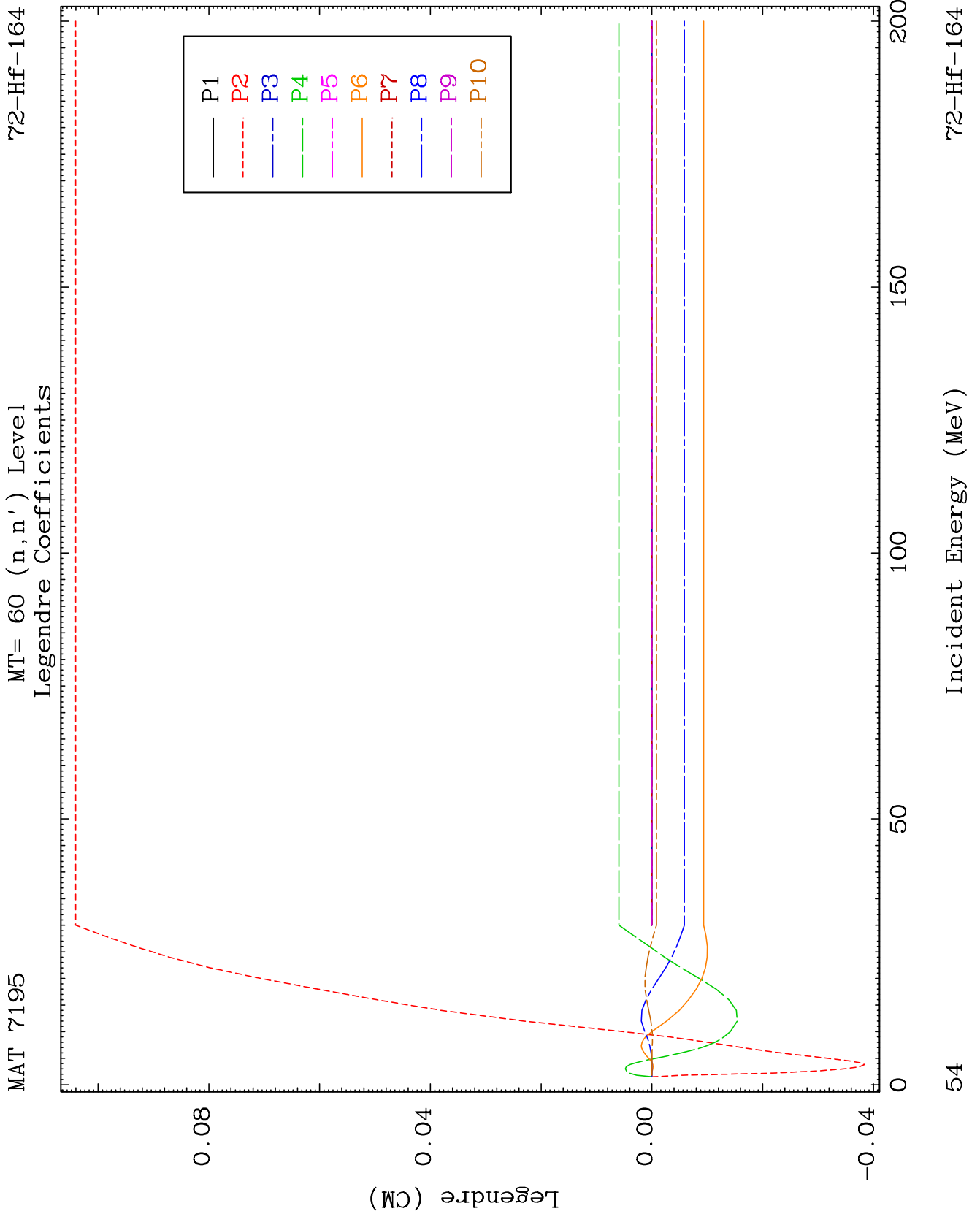
MAT 7195

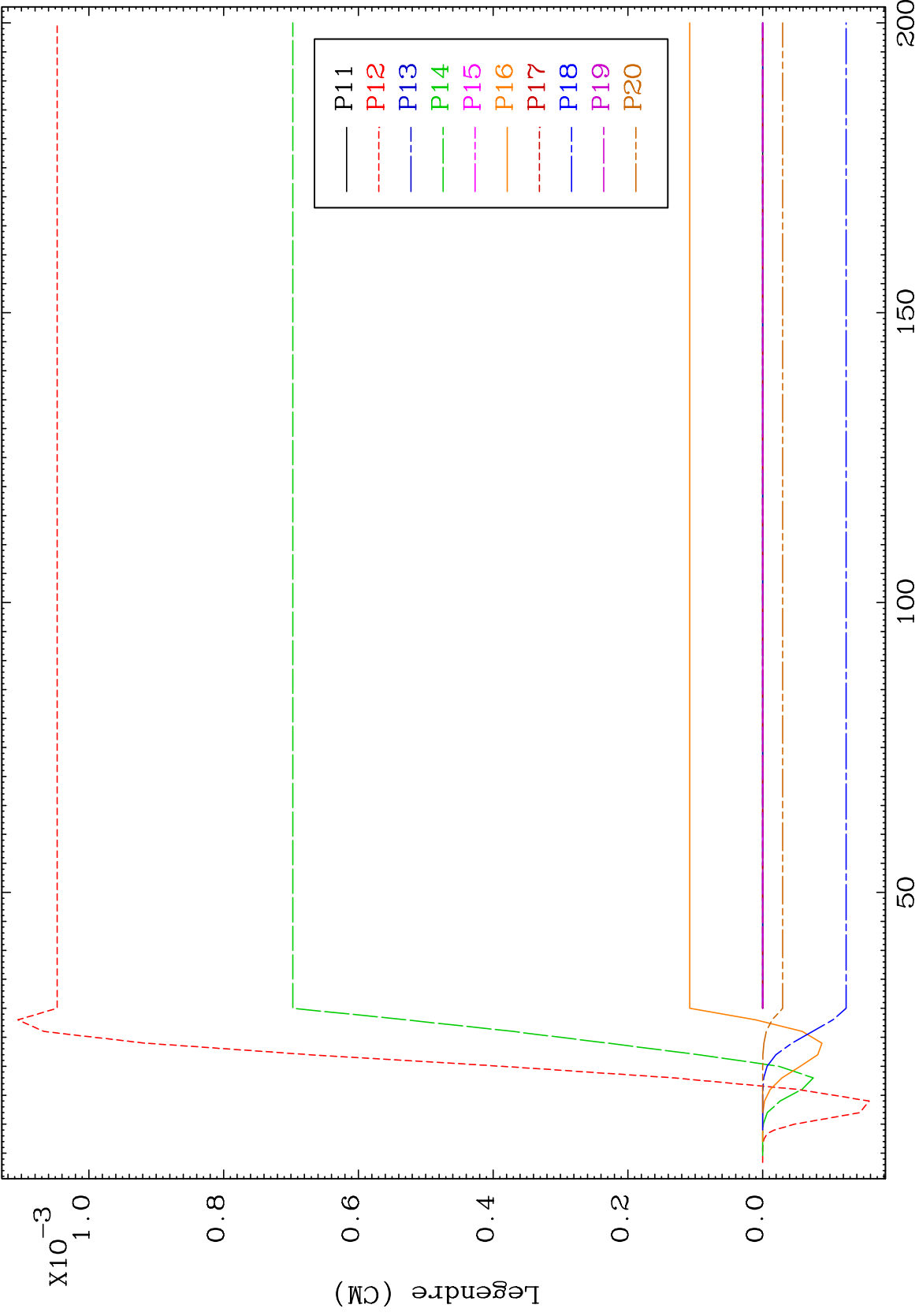
MT= 59 (n,n') Level

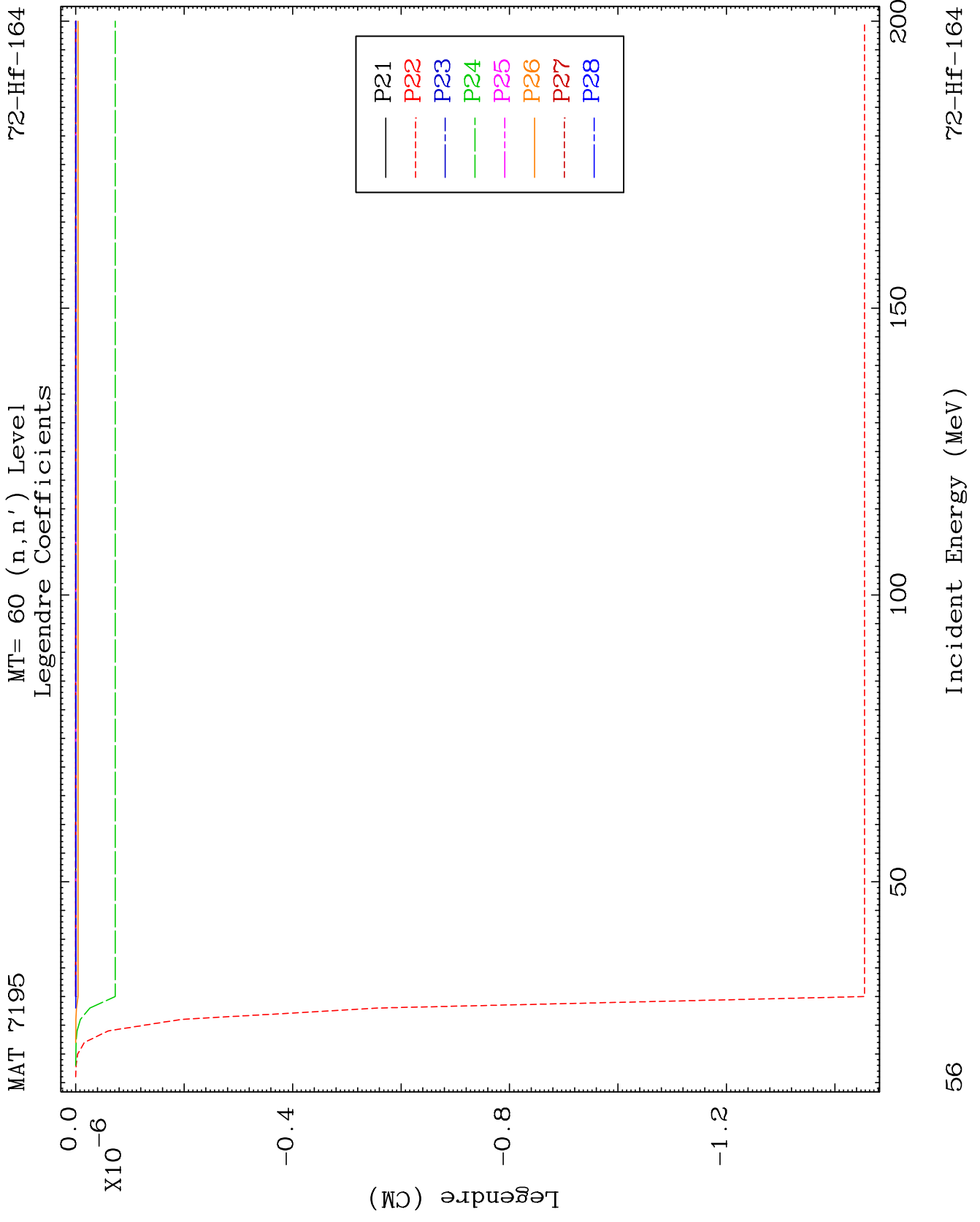
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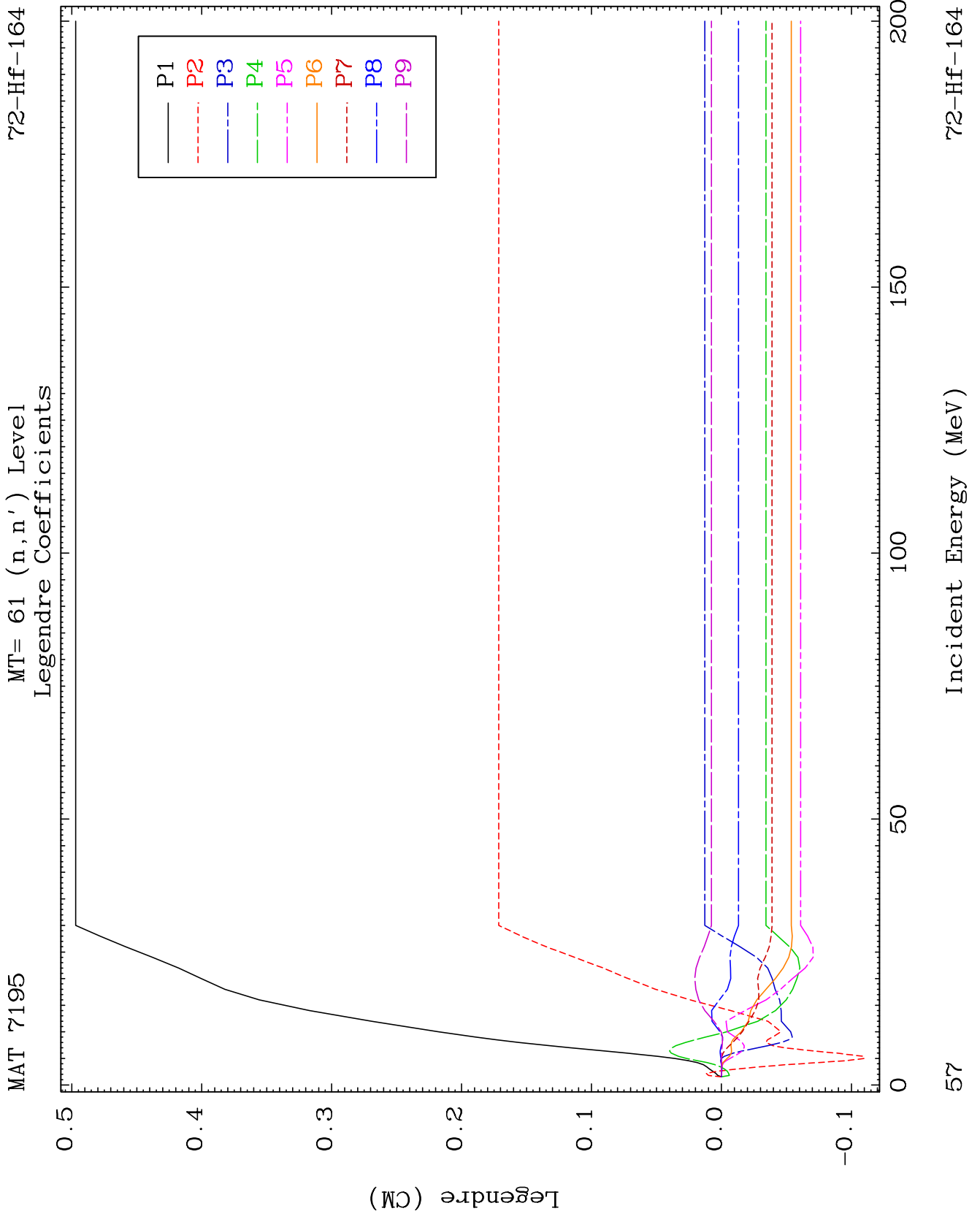
Legendre Coefficients







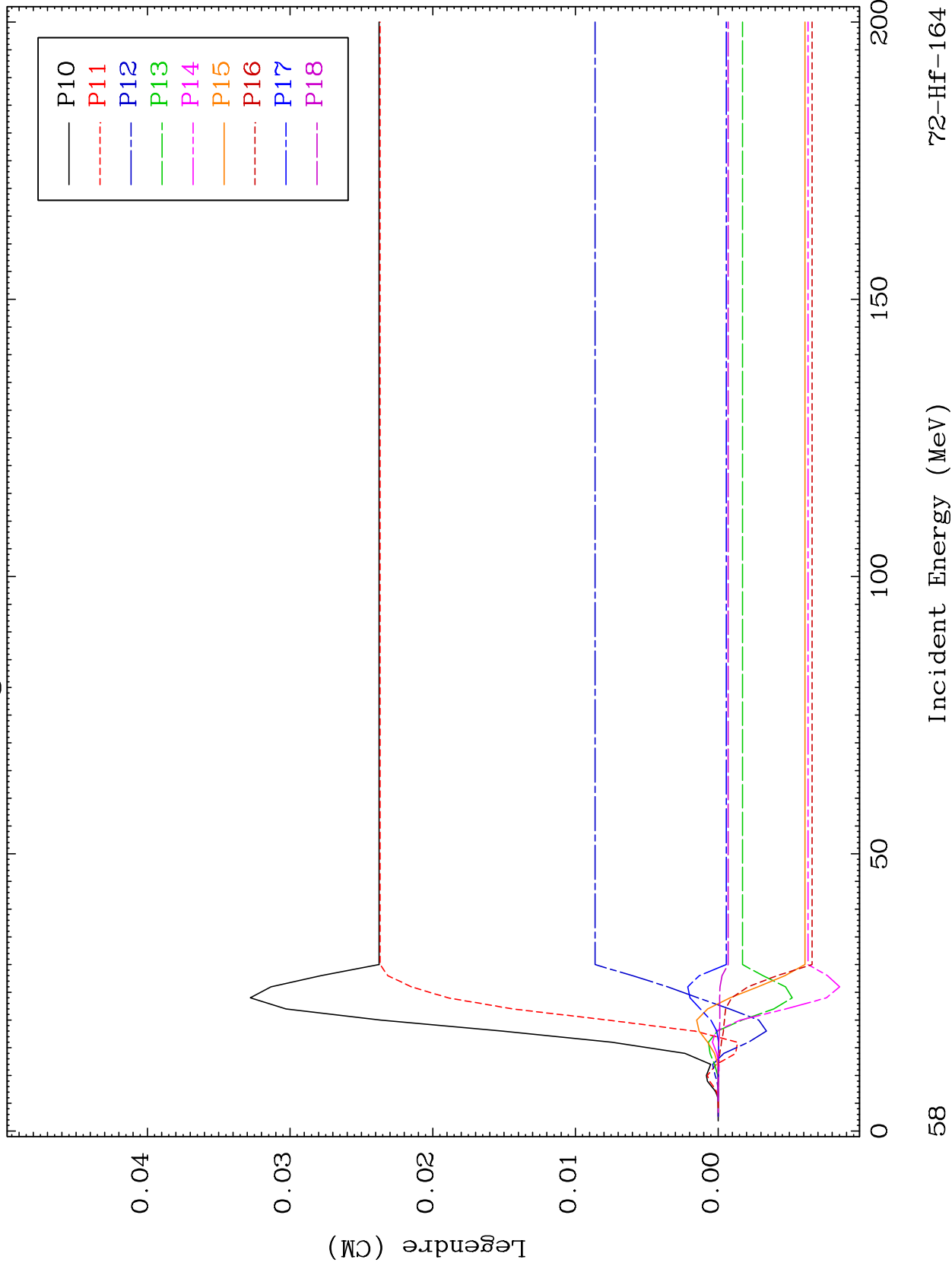




MAT 7195

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

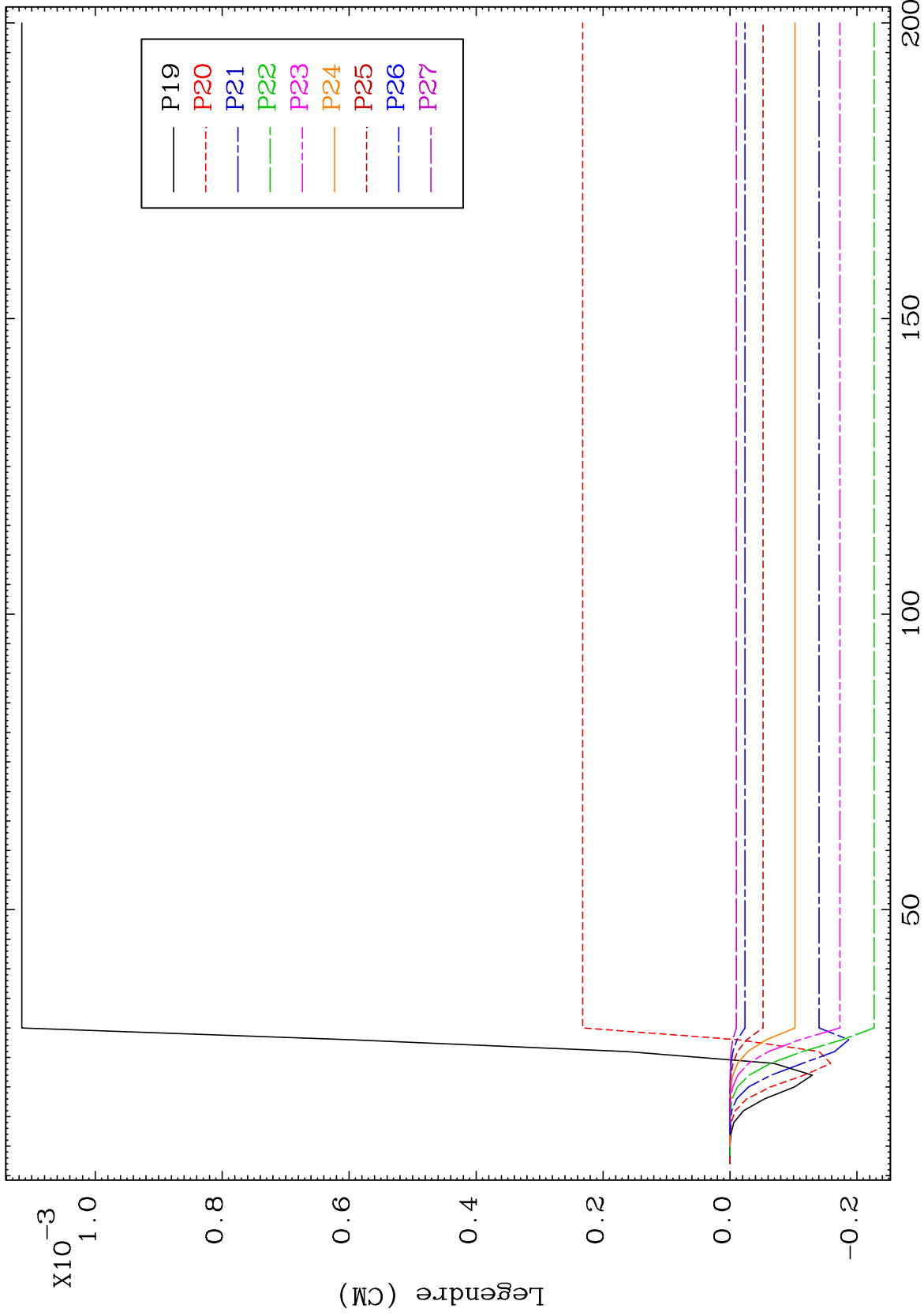
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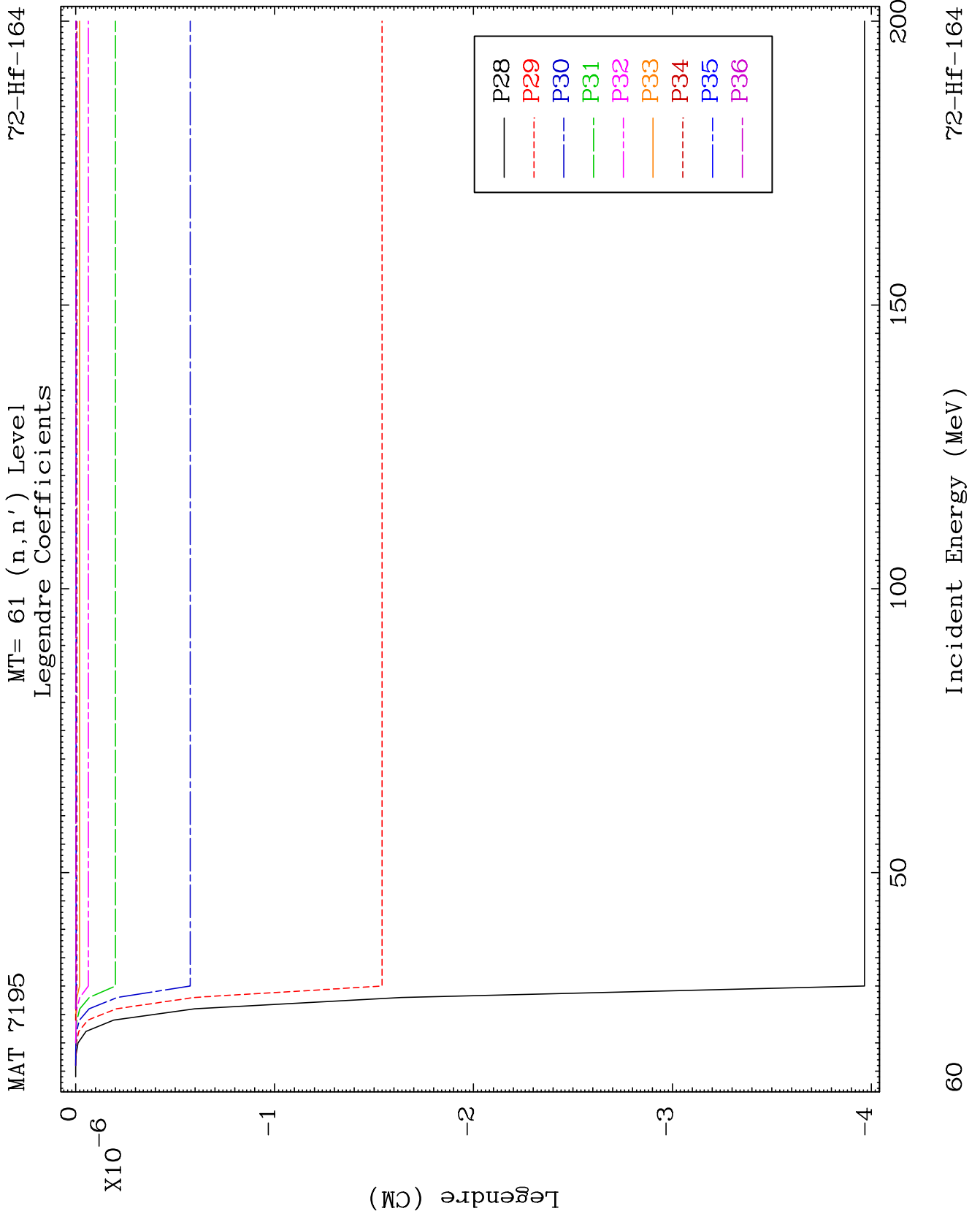


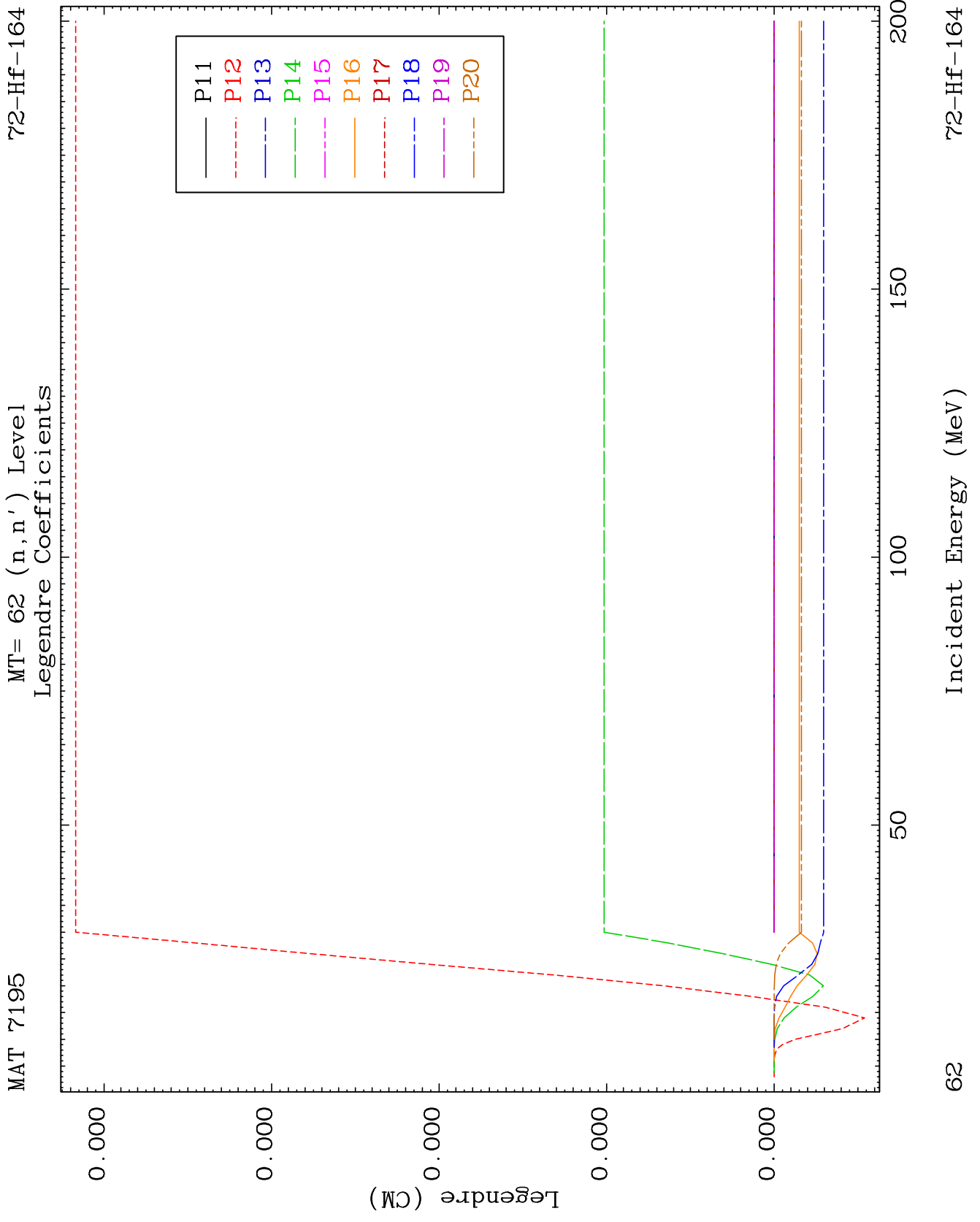
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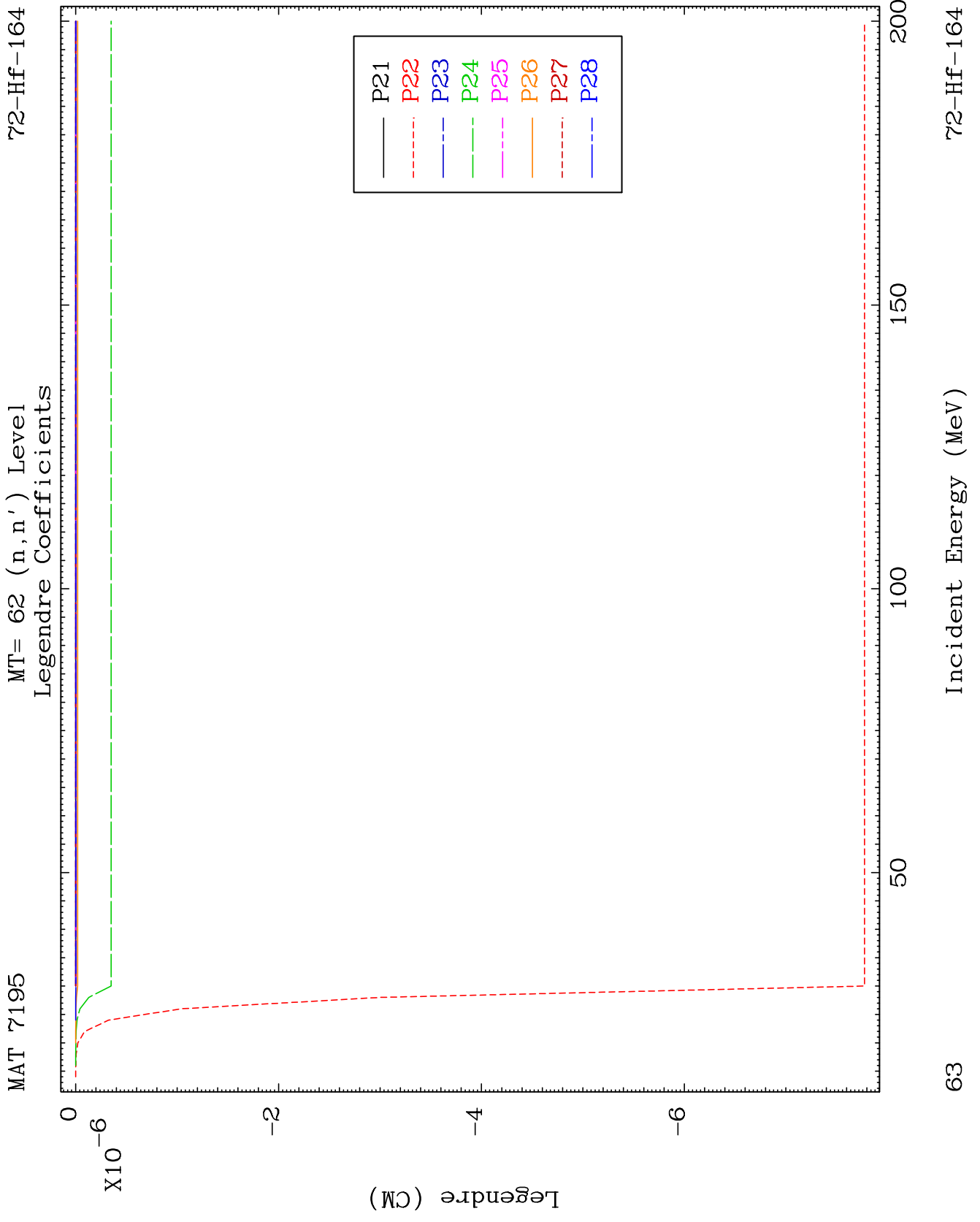
Incident Energy (MeV)

58





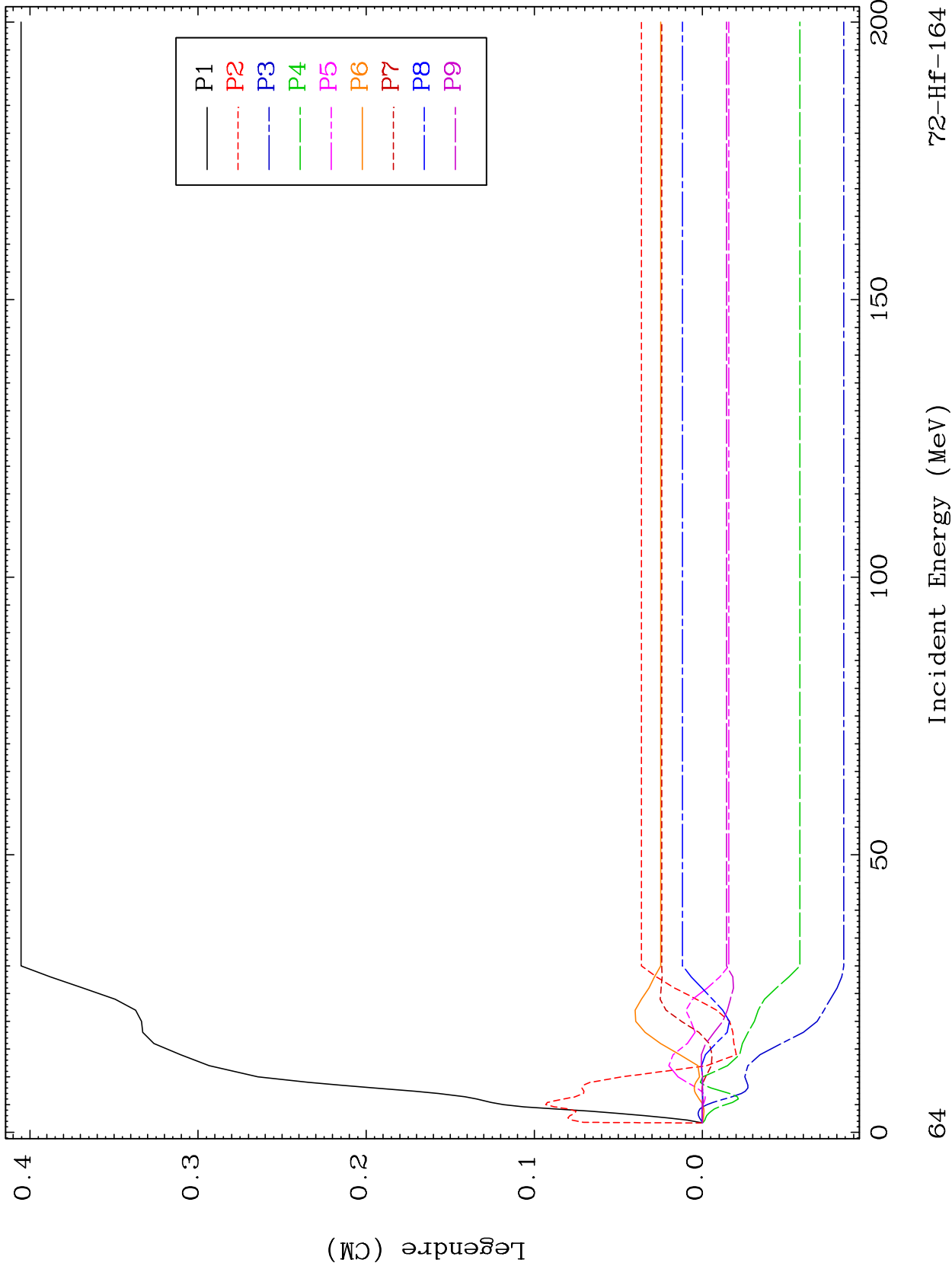




MAT 7195

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

72-Hf-164



72-Hf-164

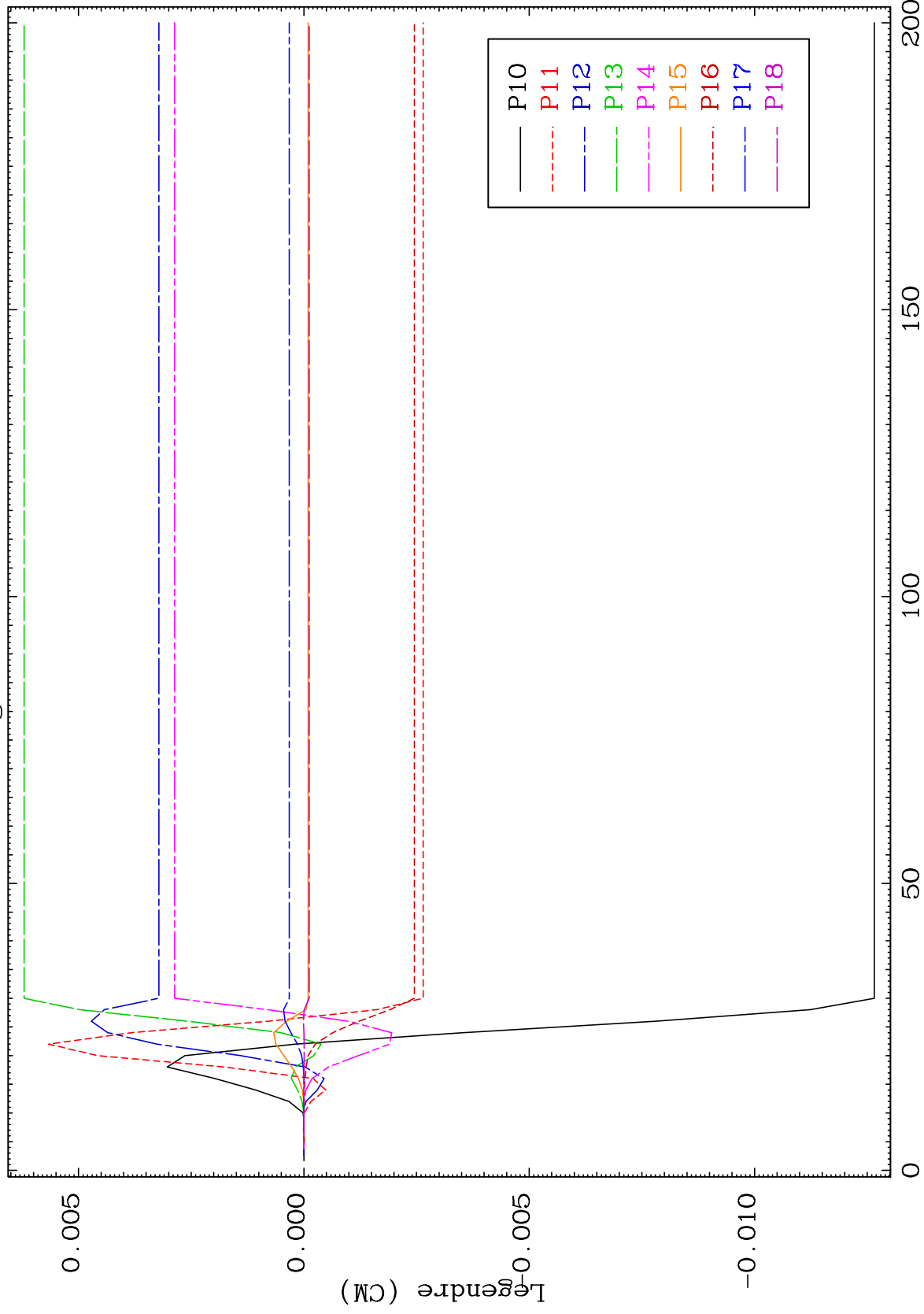
Incident Energy (MeV)

64

MAT 7195

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

72-Hf-164



65

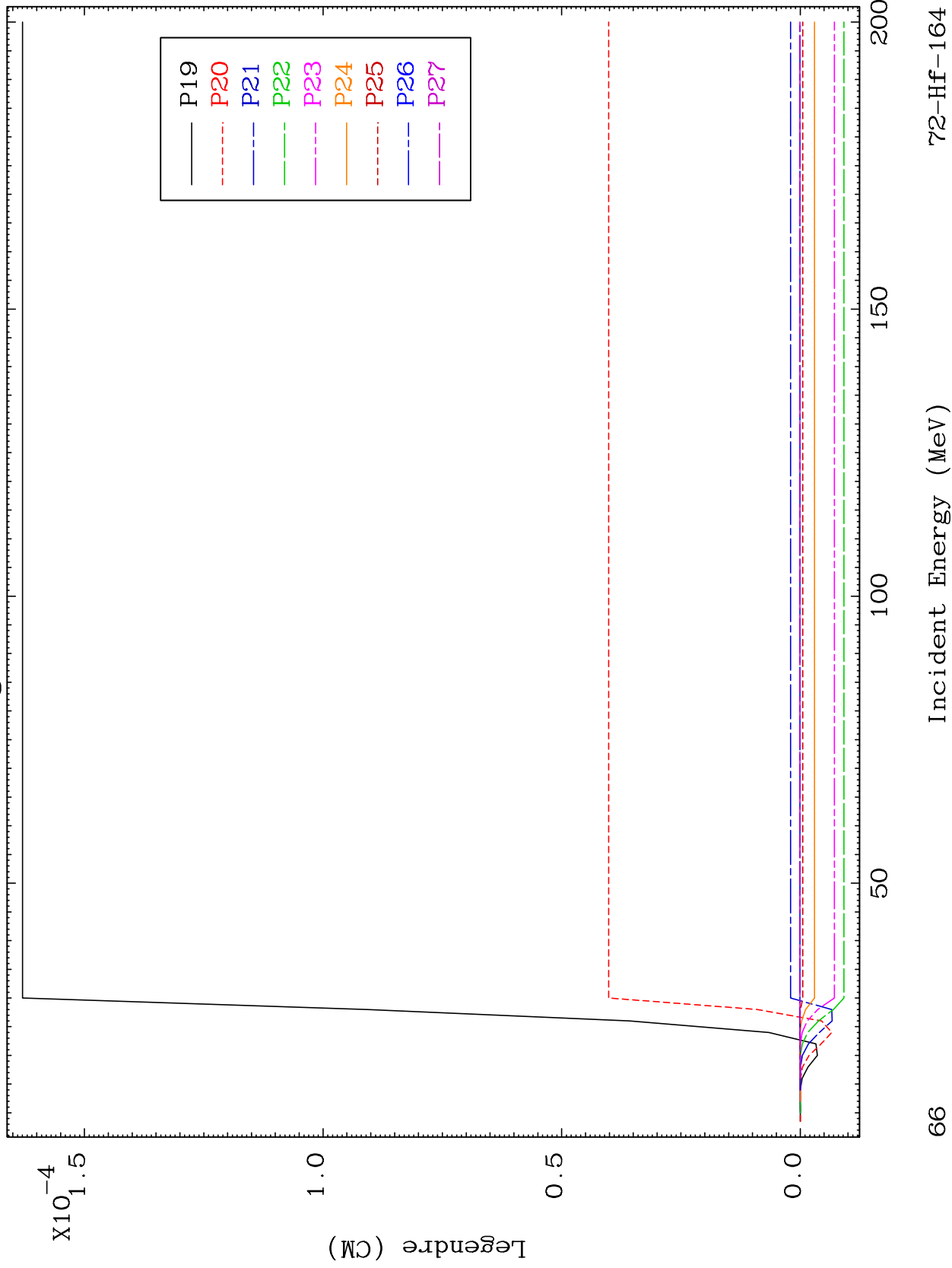
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



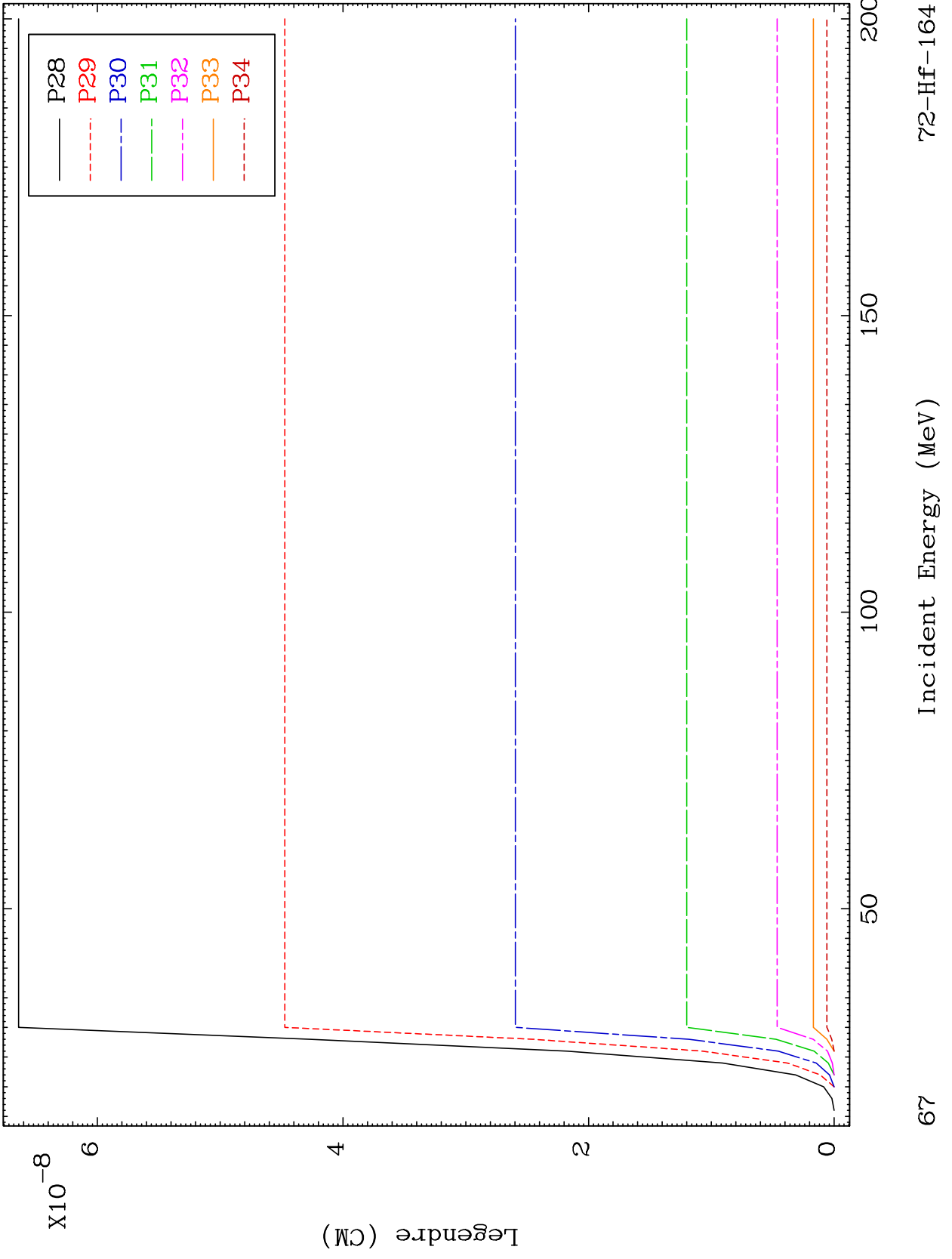
66

72-Hf-164

MAT 7195

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

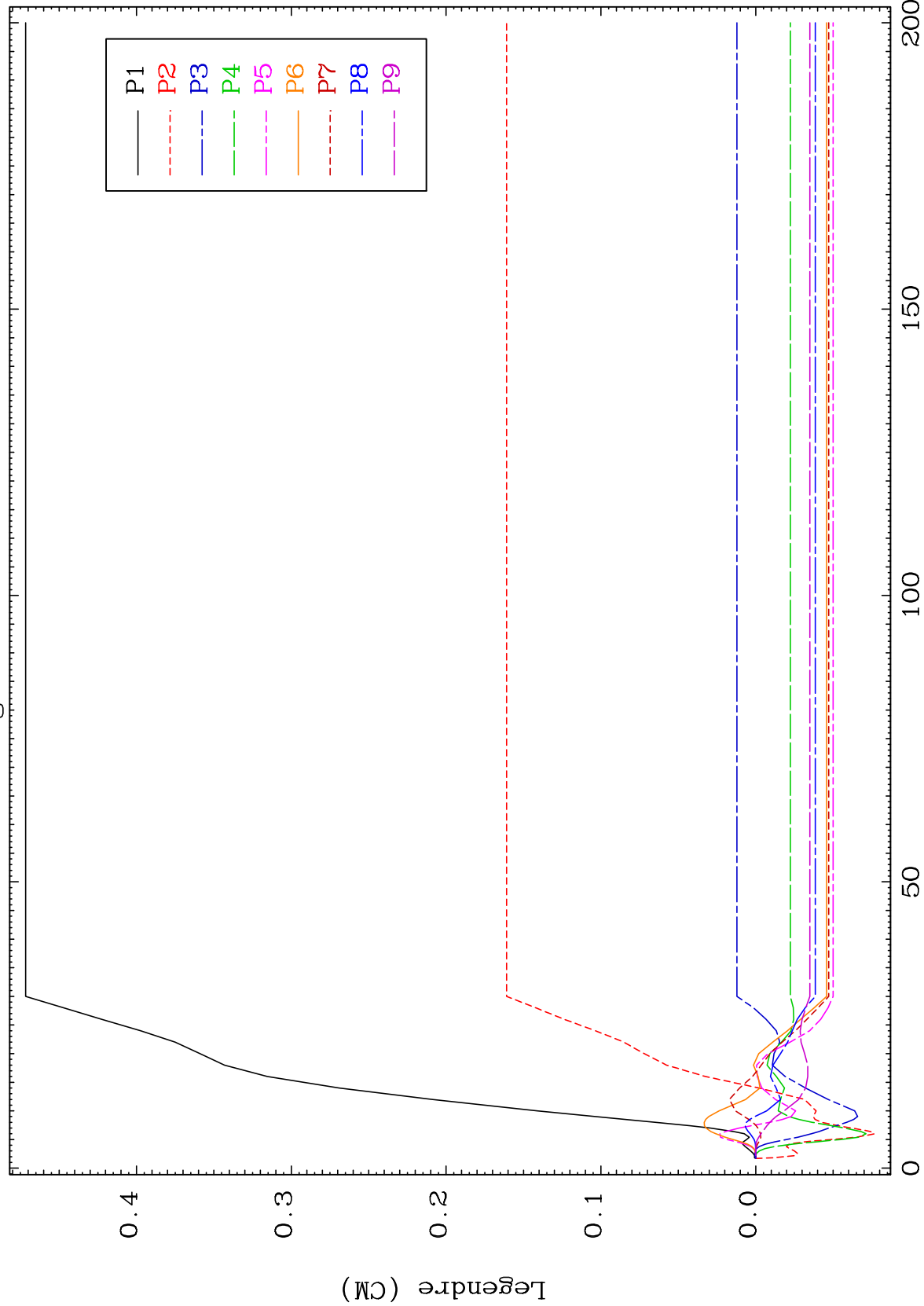
72-Hf-164



MAT 7195

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

72-Hf-164



72-Hf-164

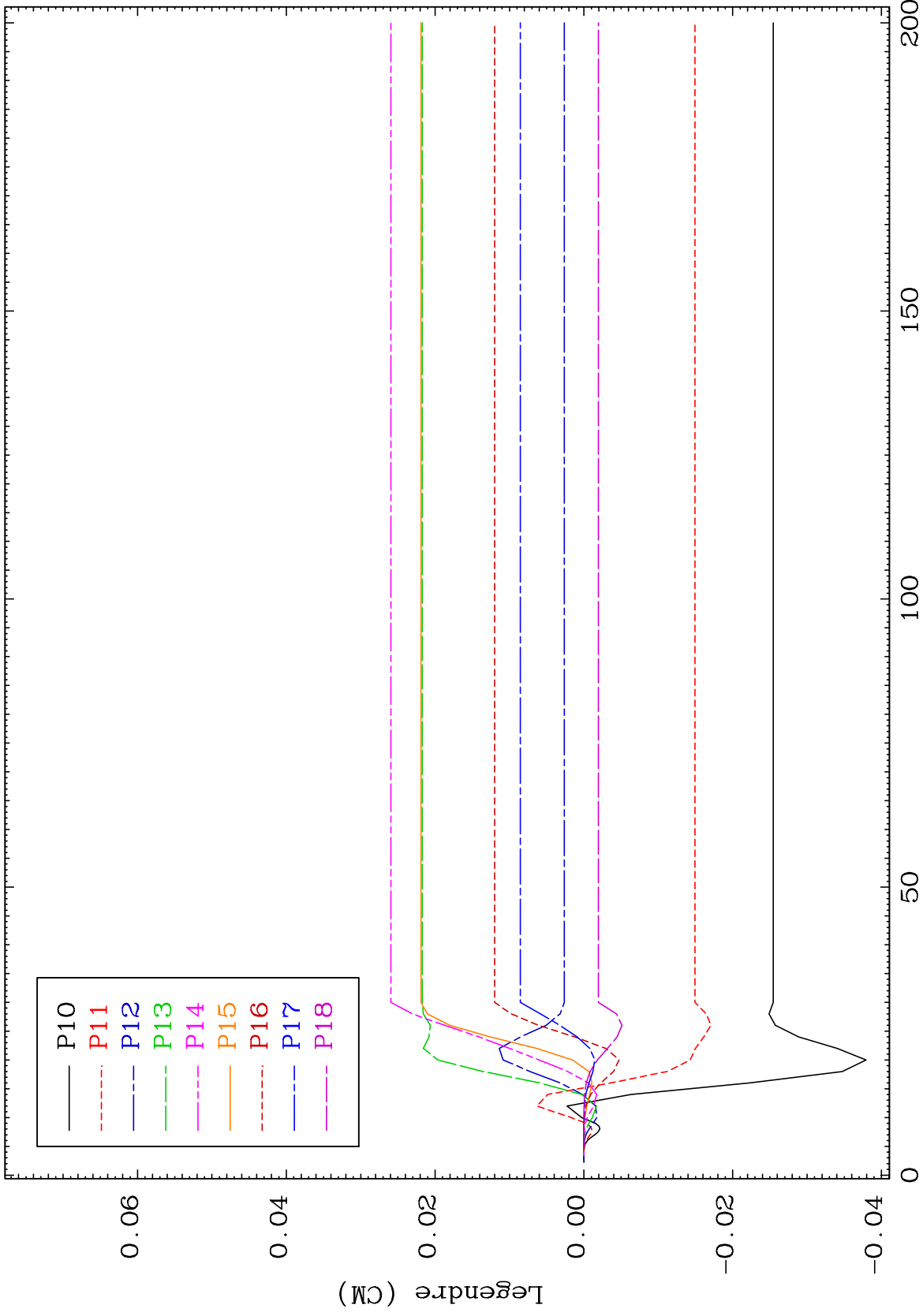
Incident Energy (MeV)

68

MAT 7195

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

72-Hf-164



69

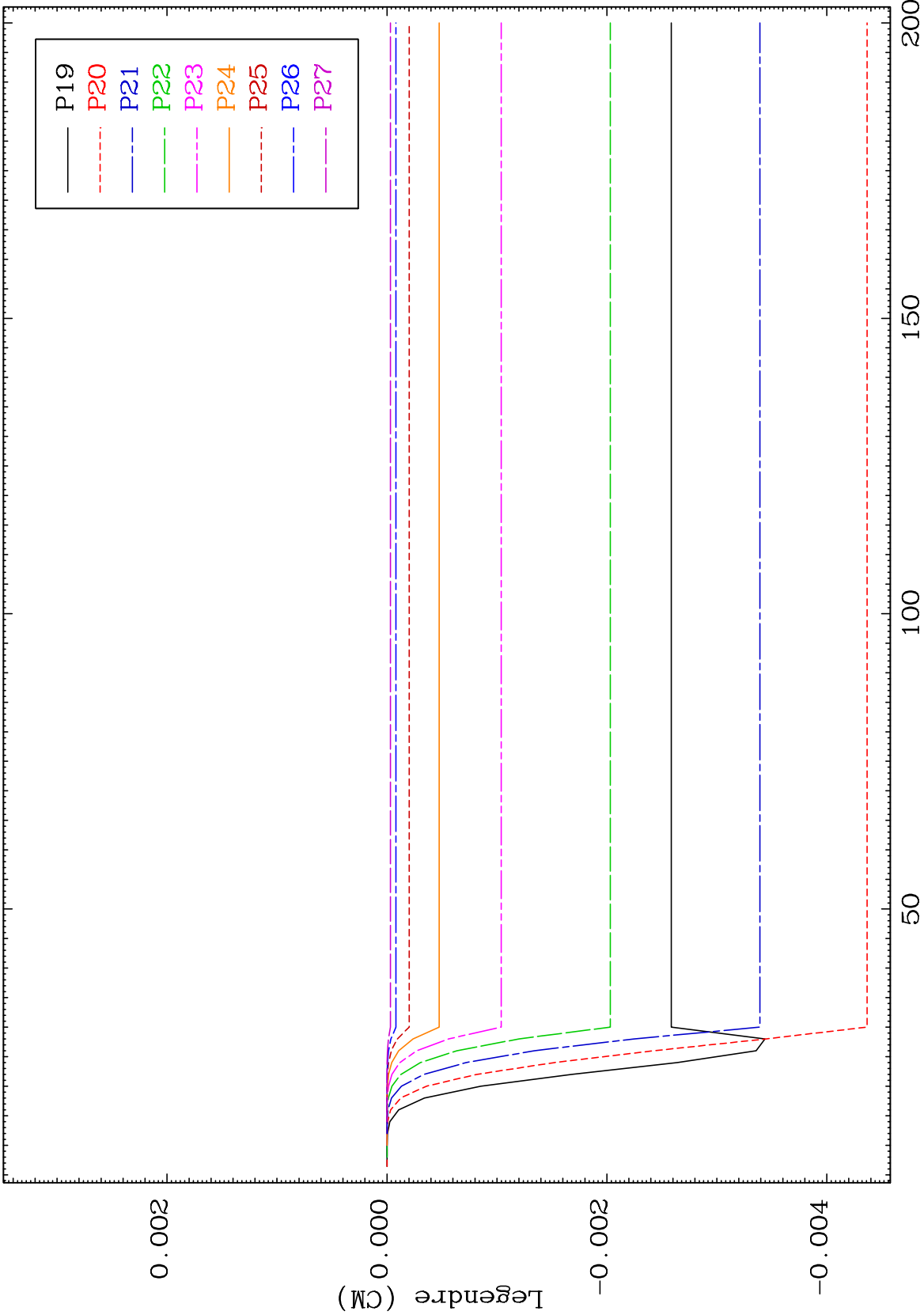
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

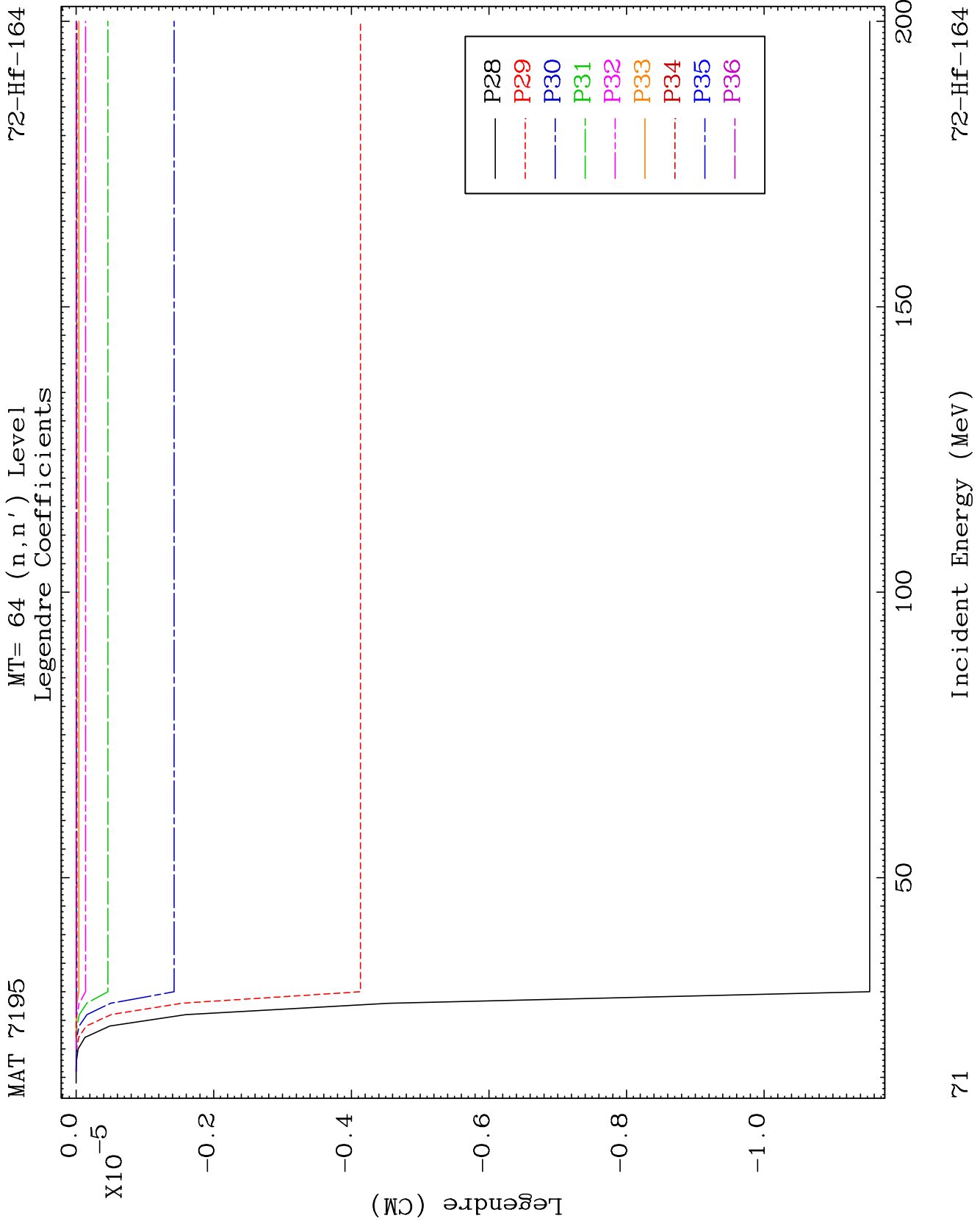
72-Hf-164



70

Incident Energy (MeV)

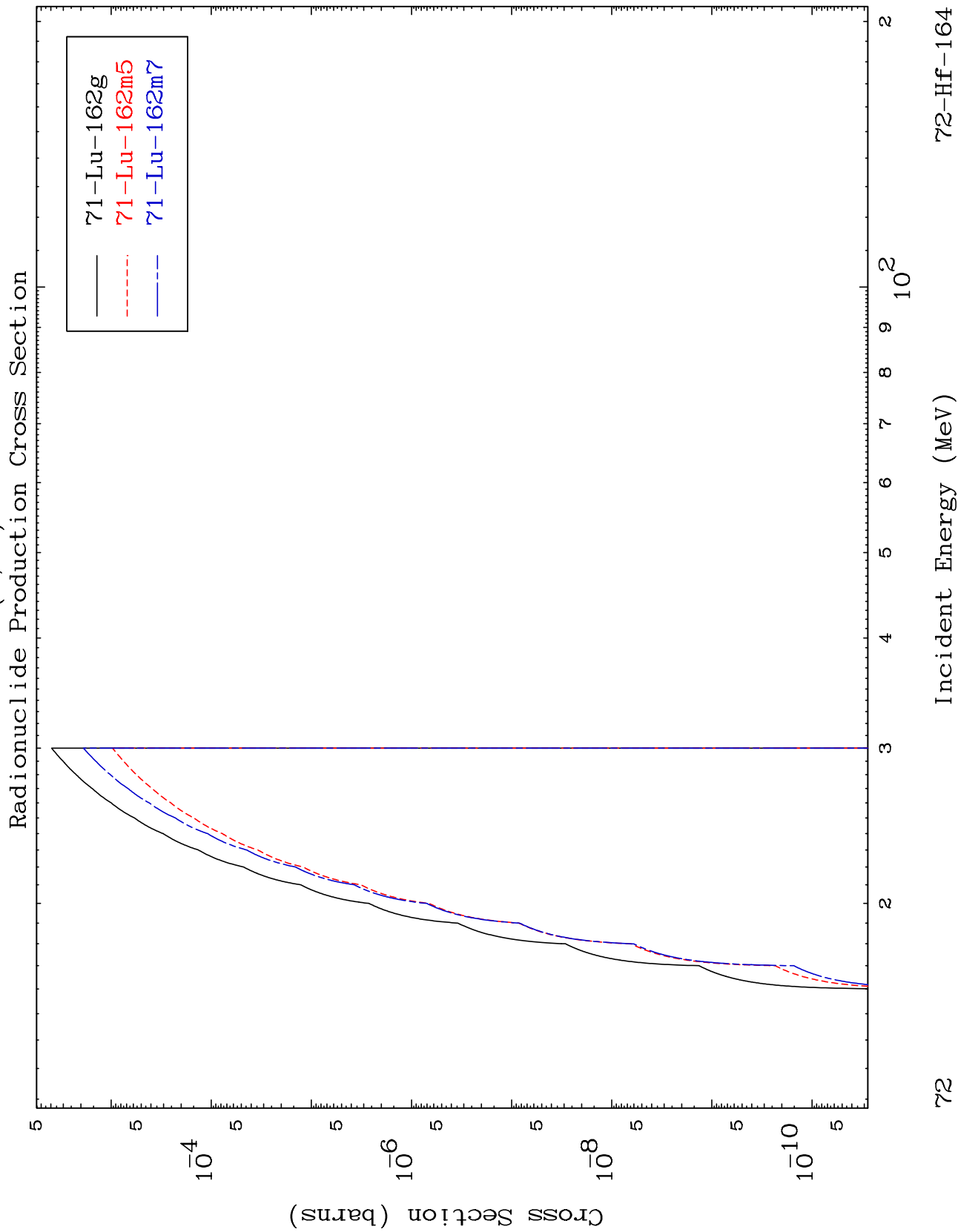
72-Hf-164



MAT 7195

(n,n') d

72-Hf-164



72

Incident Energy (MeV)

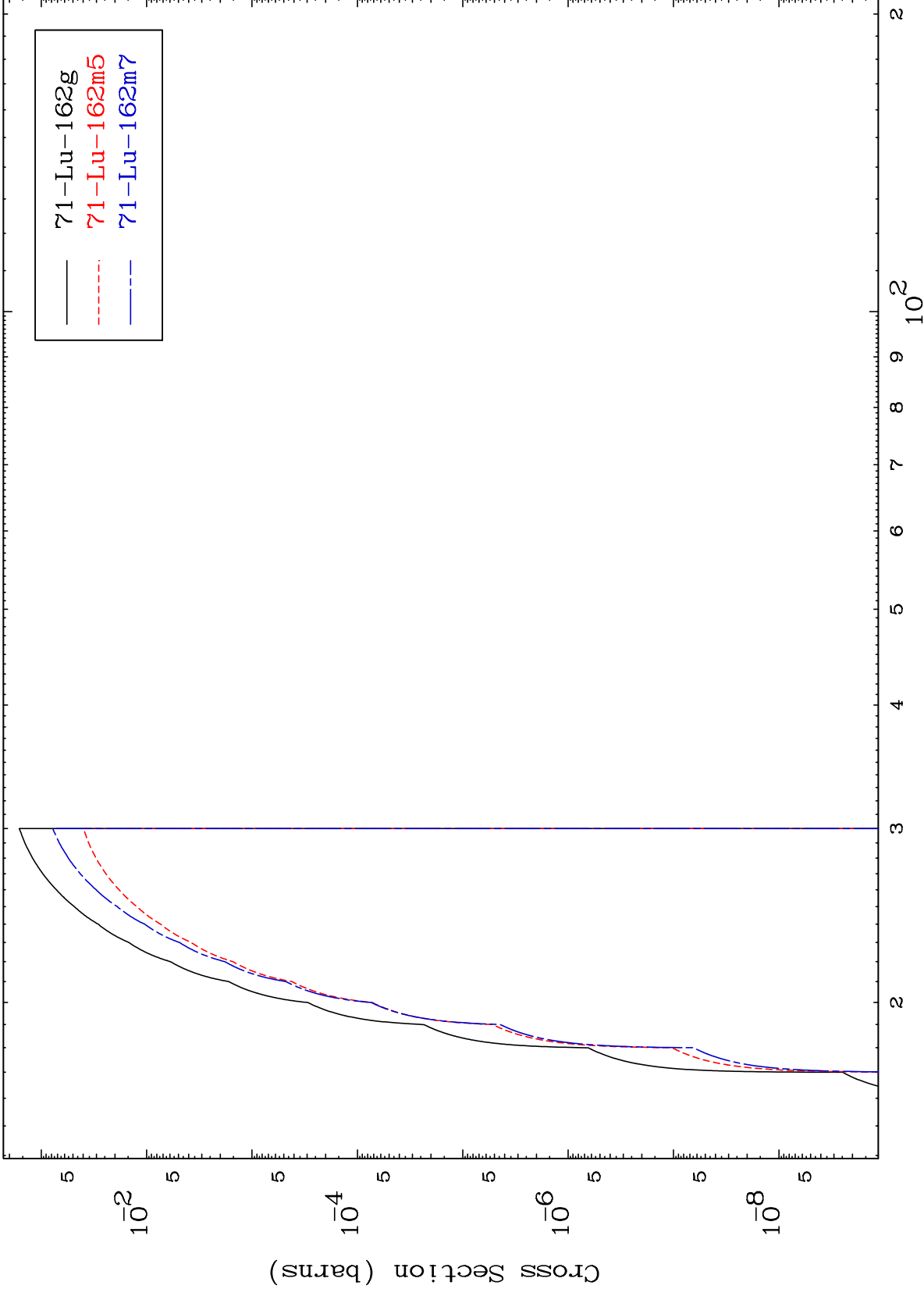
72-Hf-164

MAT 7195

(n,2n) p

72-Hf-164

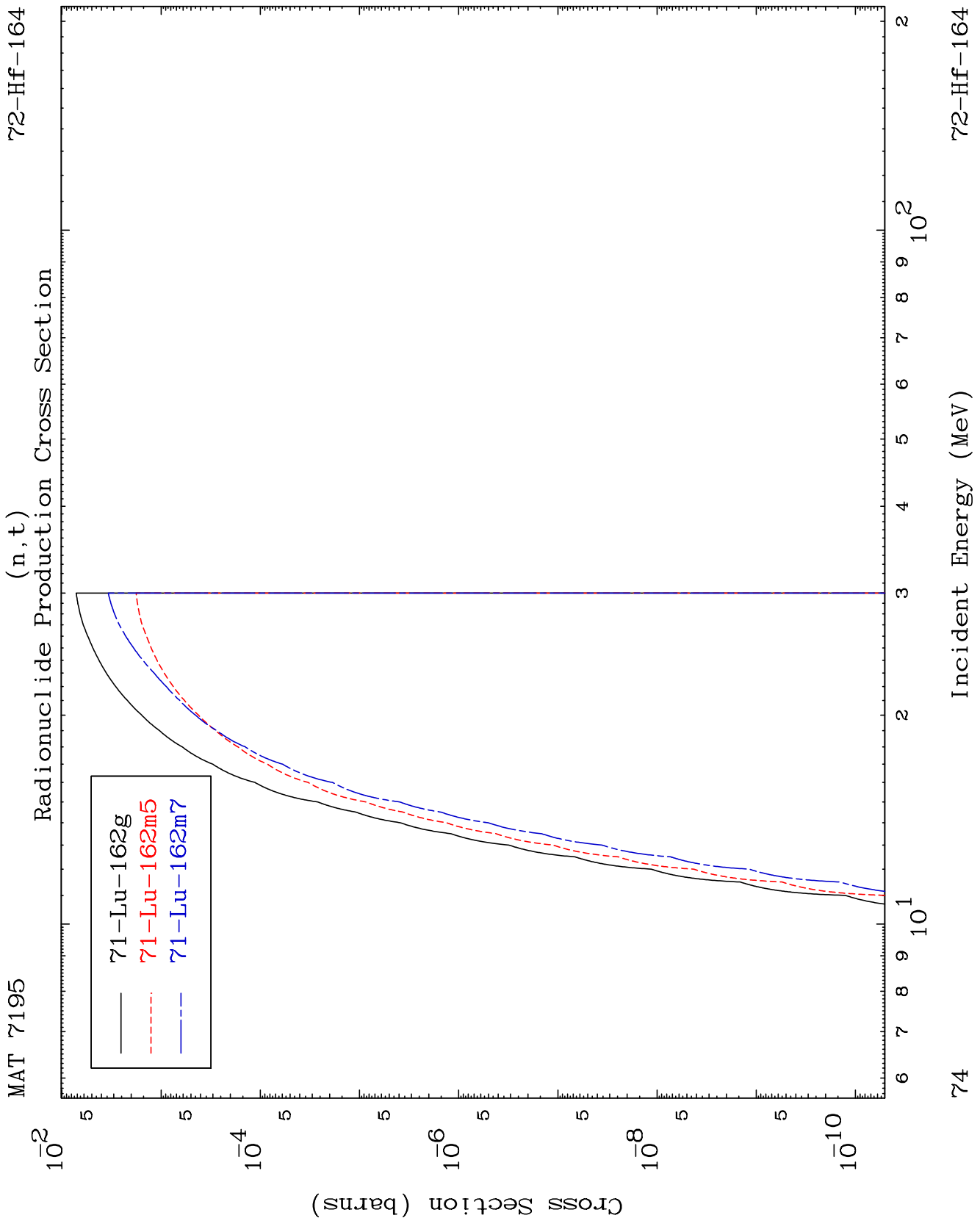
Radionuclide Production Cross Section



73

Incident Energy (MeV)

72-Hf-164

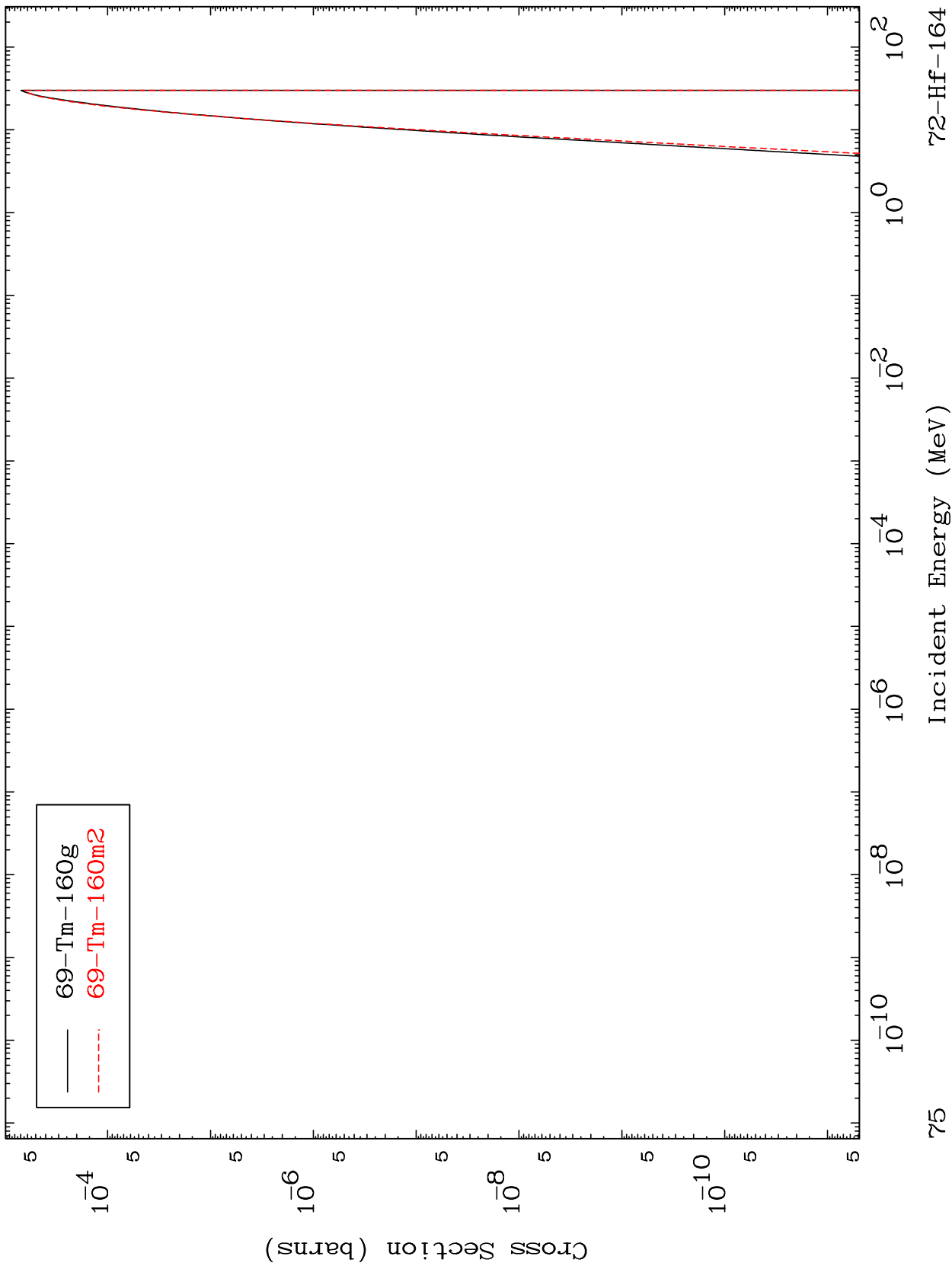


MAT 7195

(n,p) α

72-Hf-164

Radionuclide Production Cross Section



75

Incident Energy (MeV)

72-Hf-164