

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

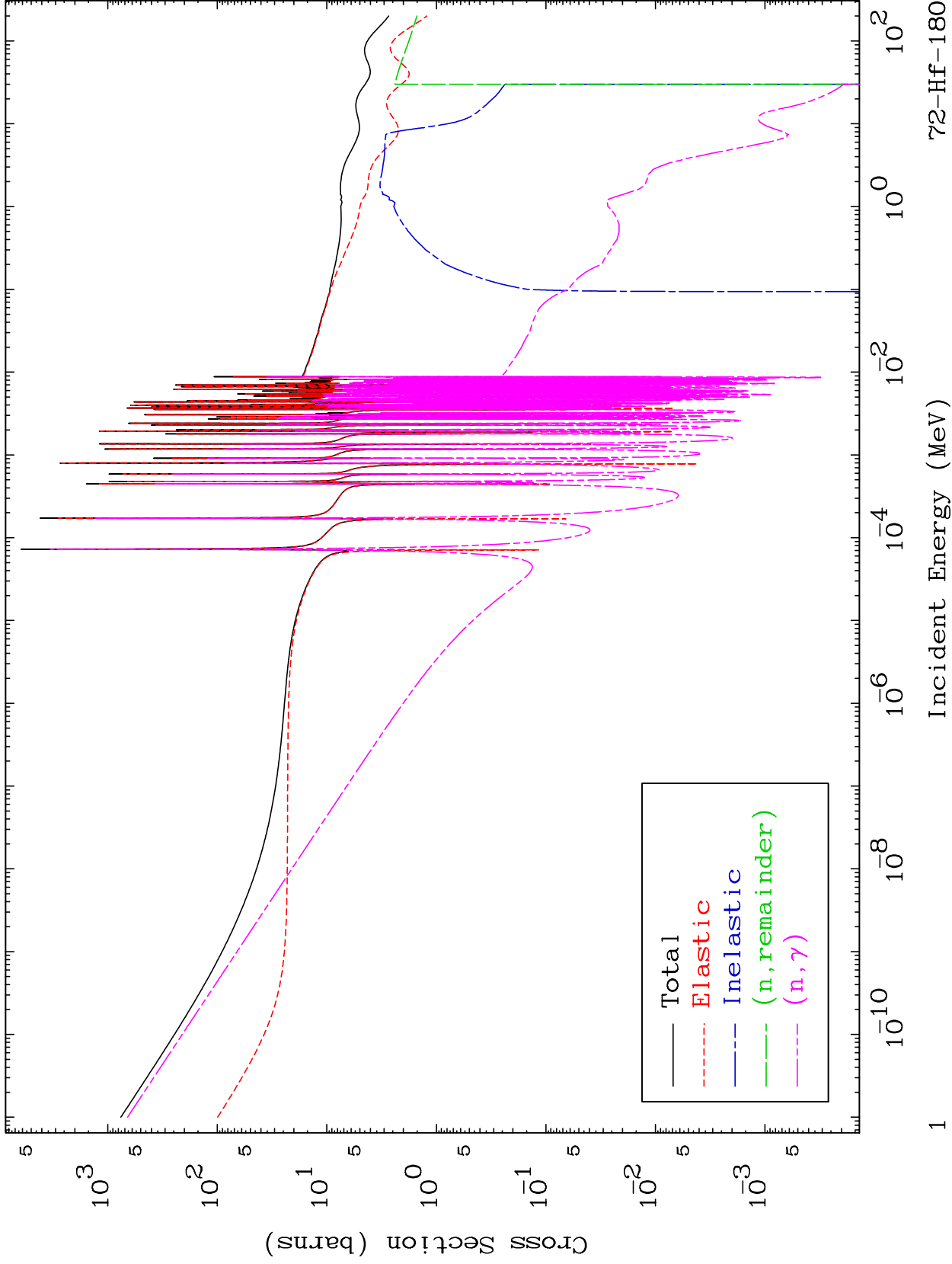
Press Mouse Button to Start

MAT 7243

Major

293 Kelvin Cross Sections

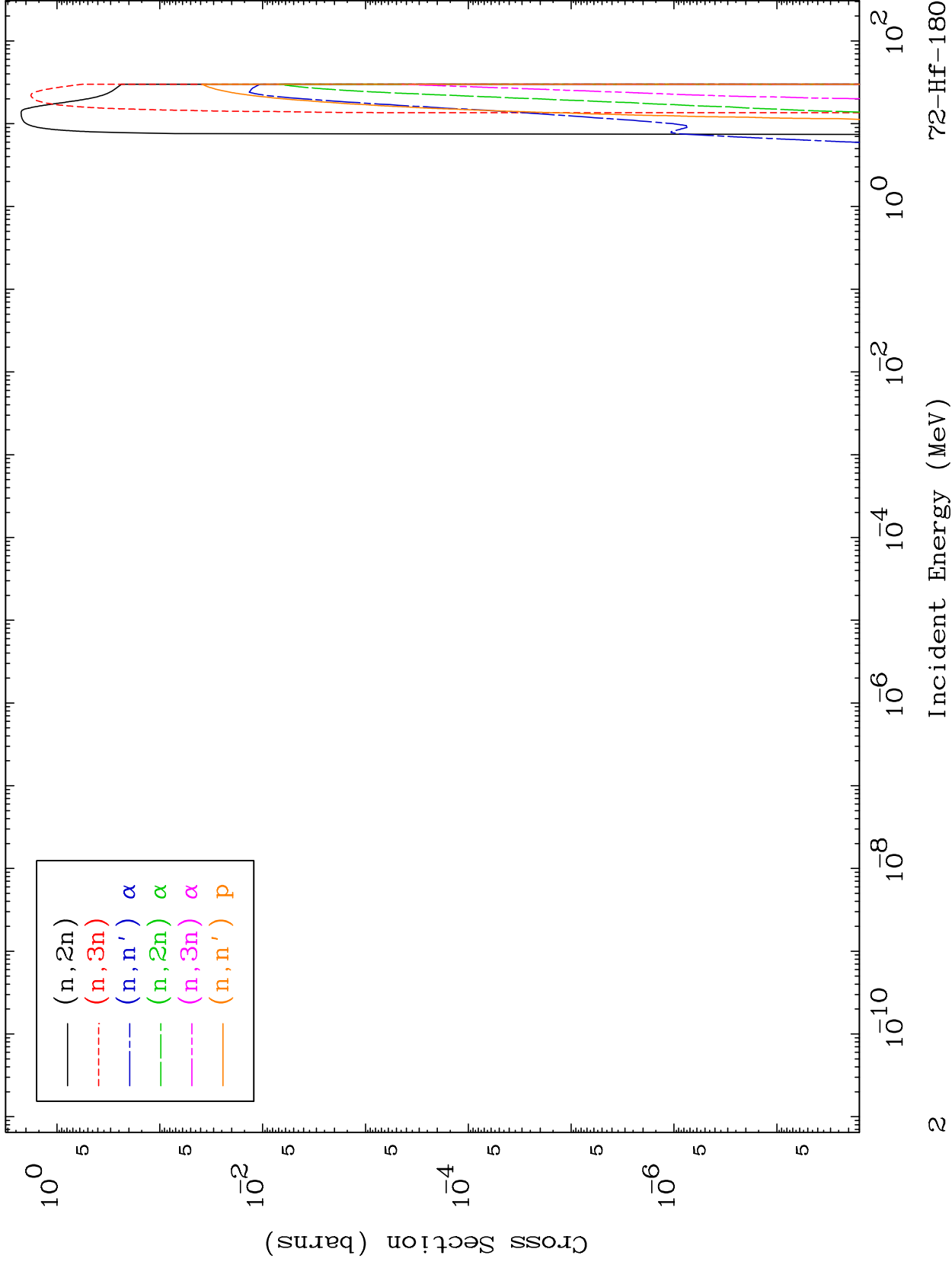
72-Hf-180

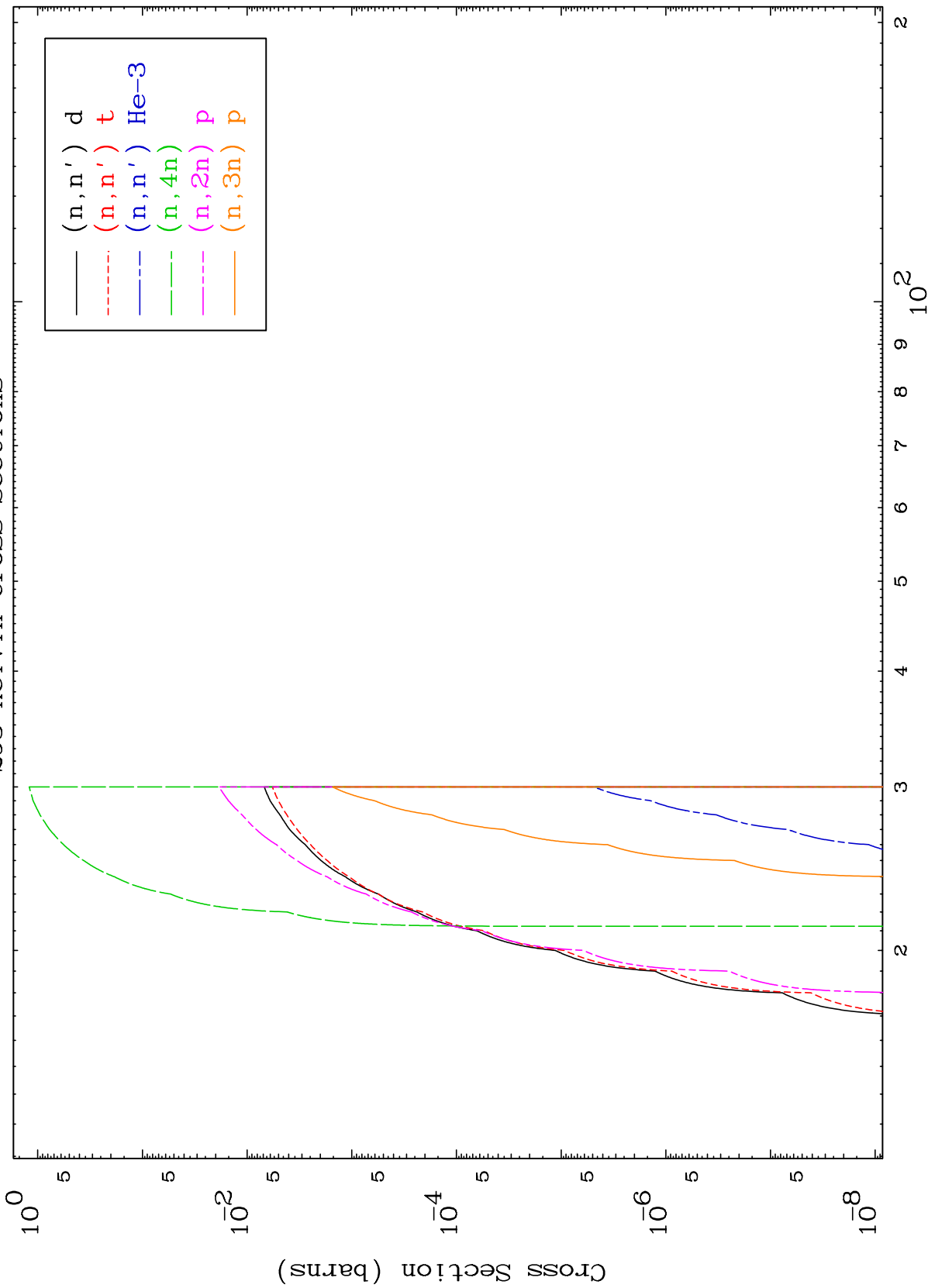


MAT 7243

Neutron Production
293 Kelvin Cross Sections

72-Hf-180

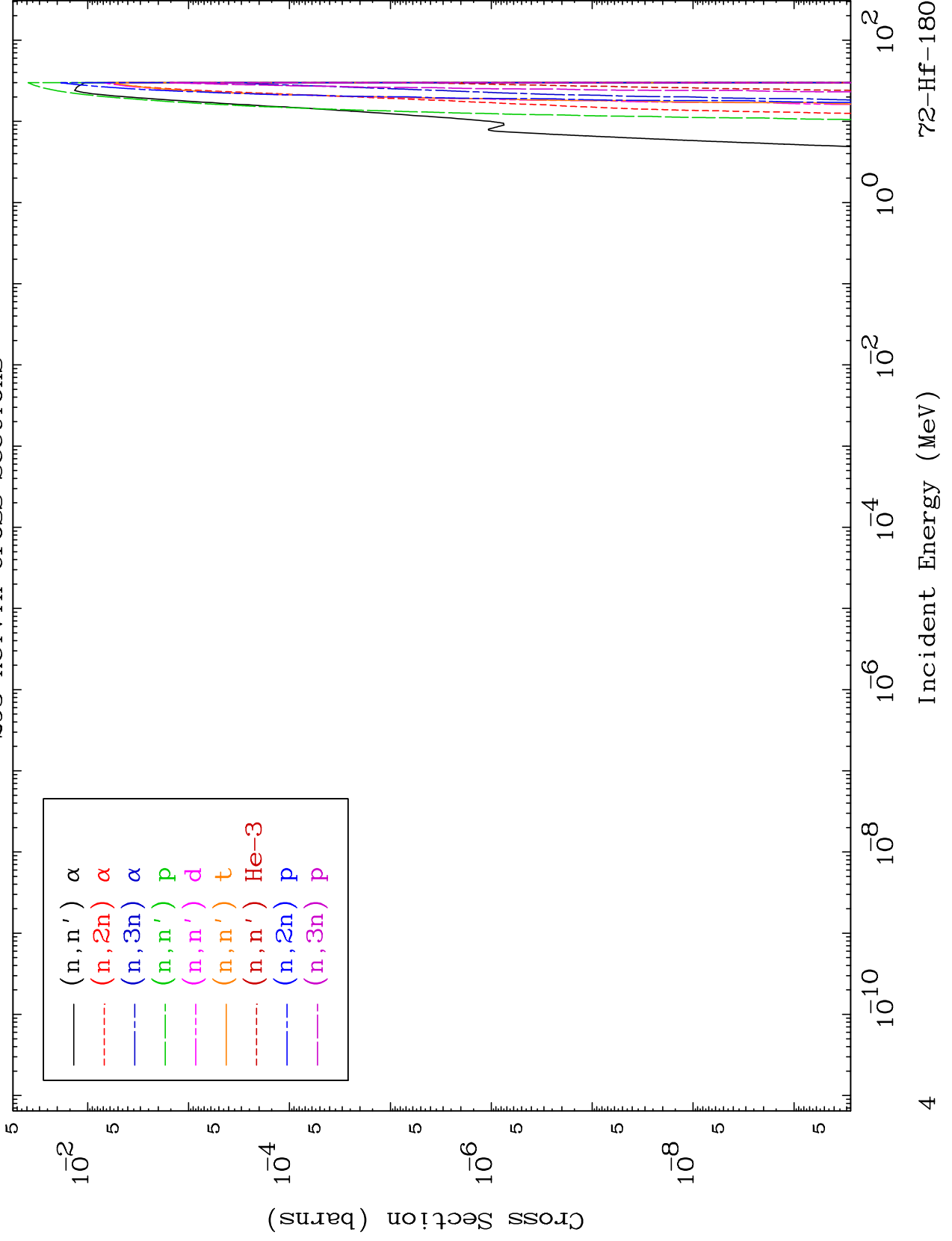




MAT 7243

Charged Particle
293 Kelvin Cross Sections

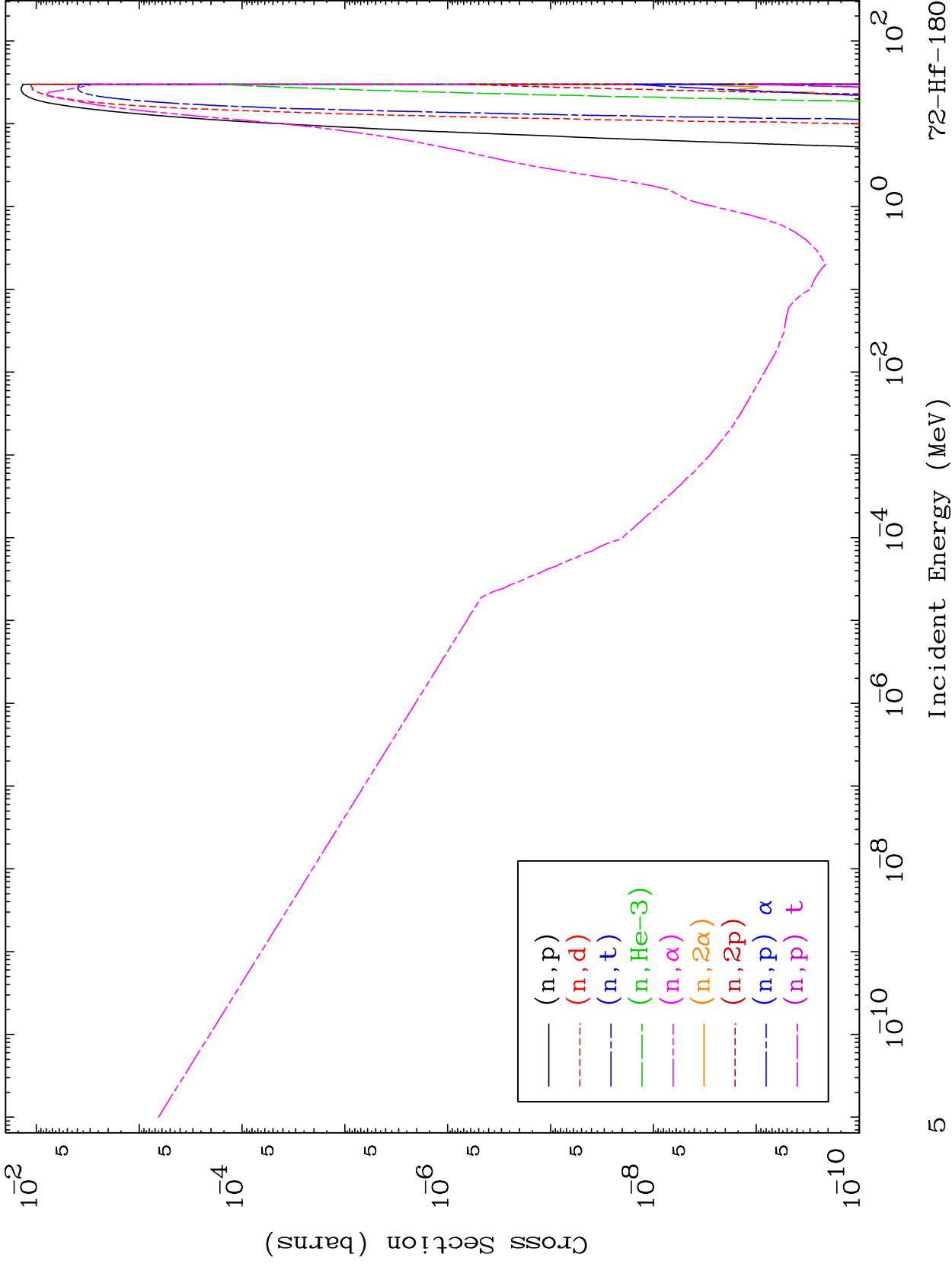
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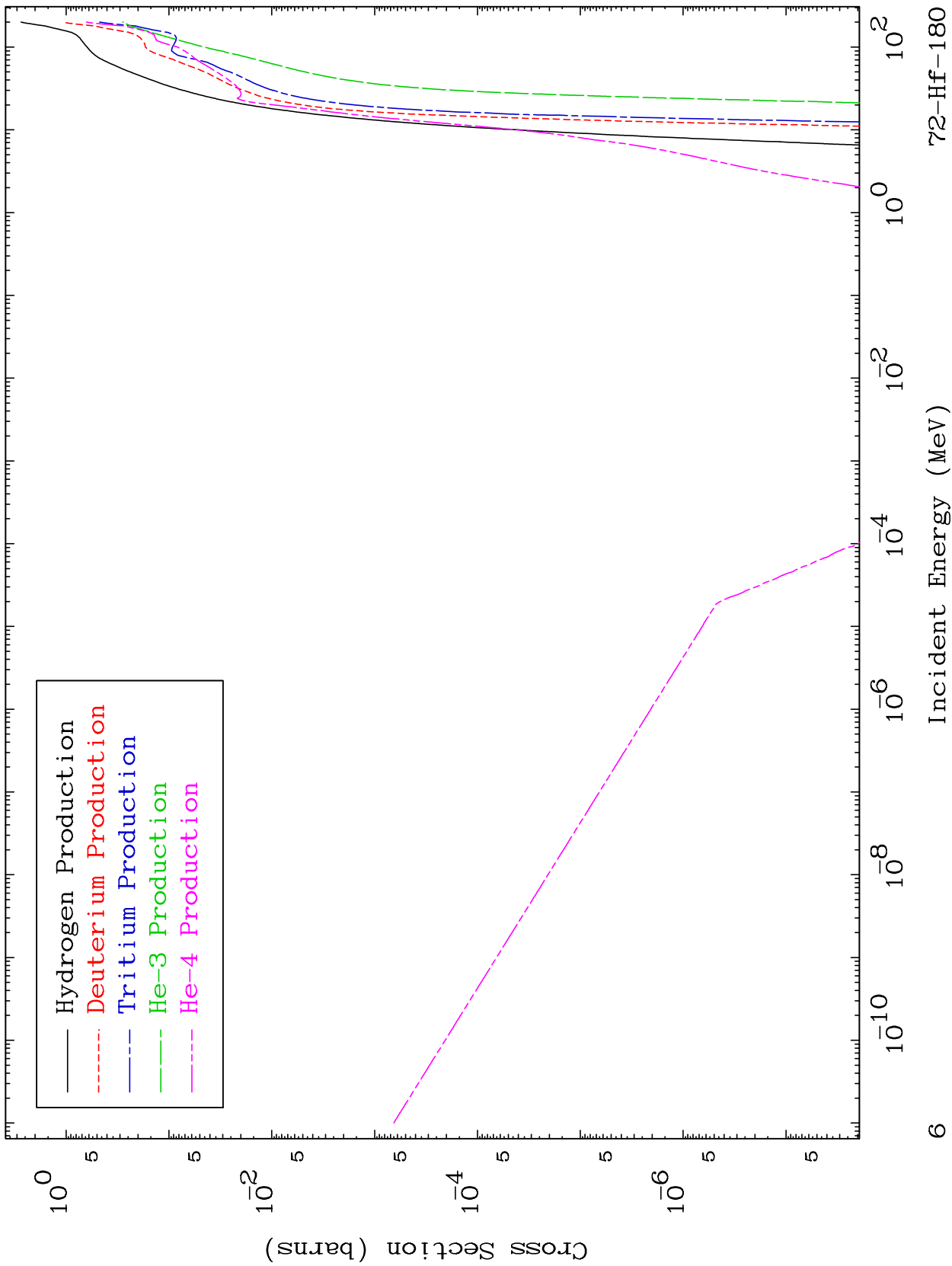


MAT 7243

Charged Particle
293 Kelvin Cross Sections

72-Hf-180

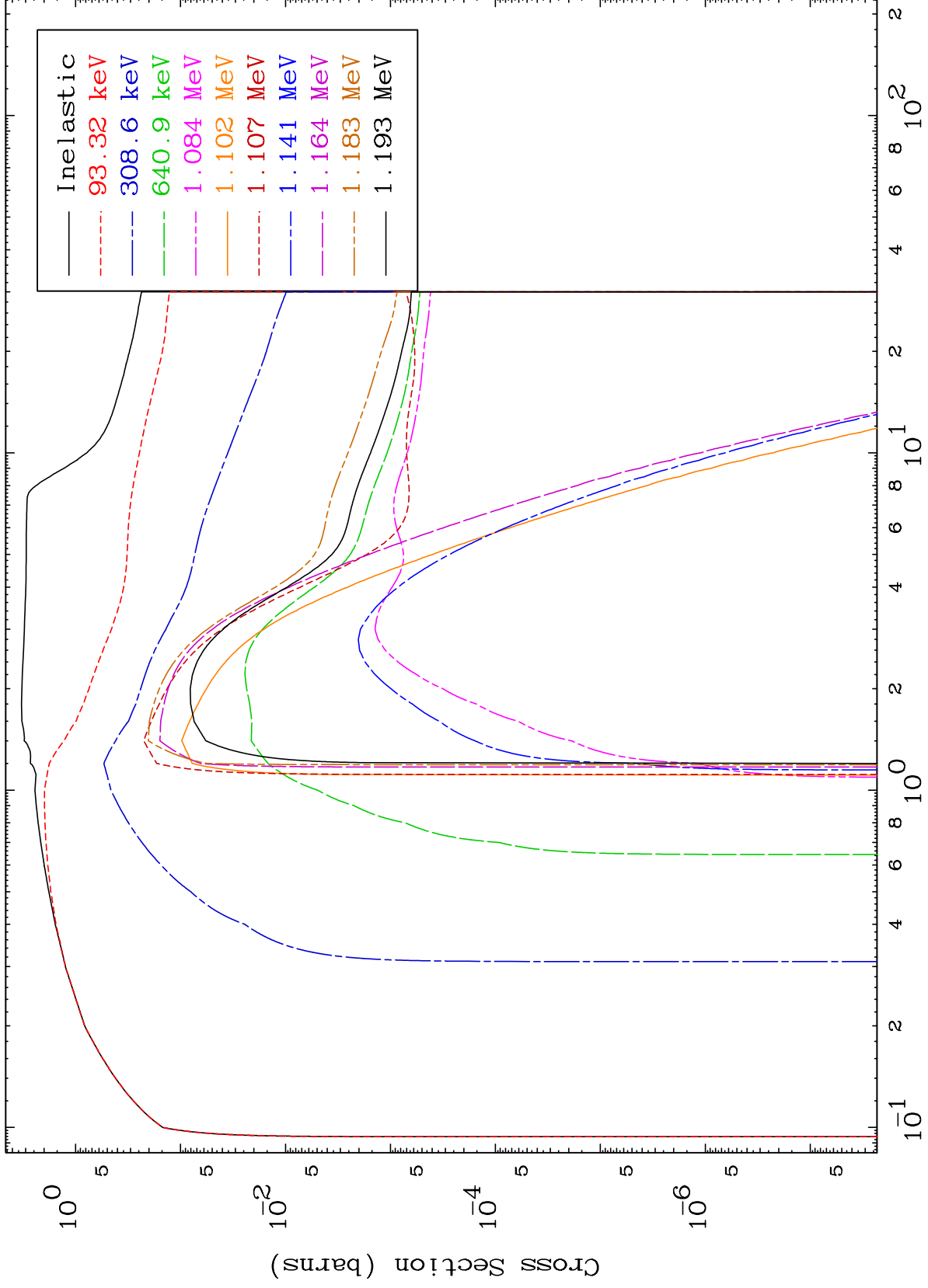




MAT 7243

(n,n') Level
293 Kelvin Cross Sections

72-Hf-180



Incident Energy (MeV)

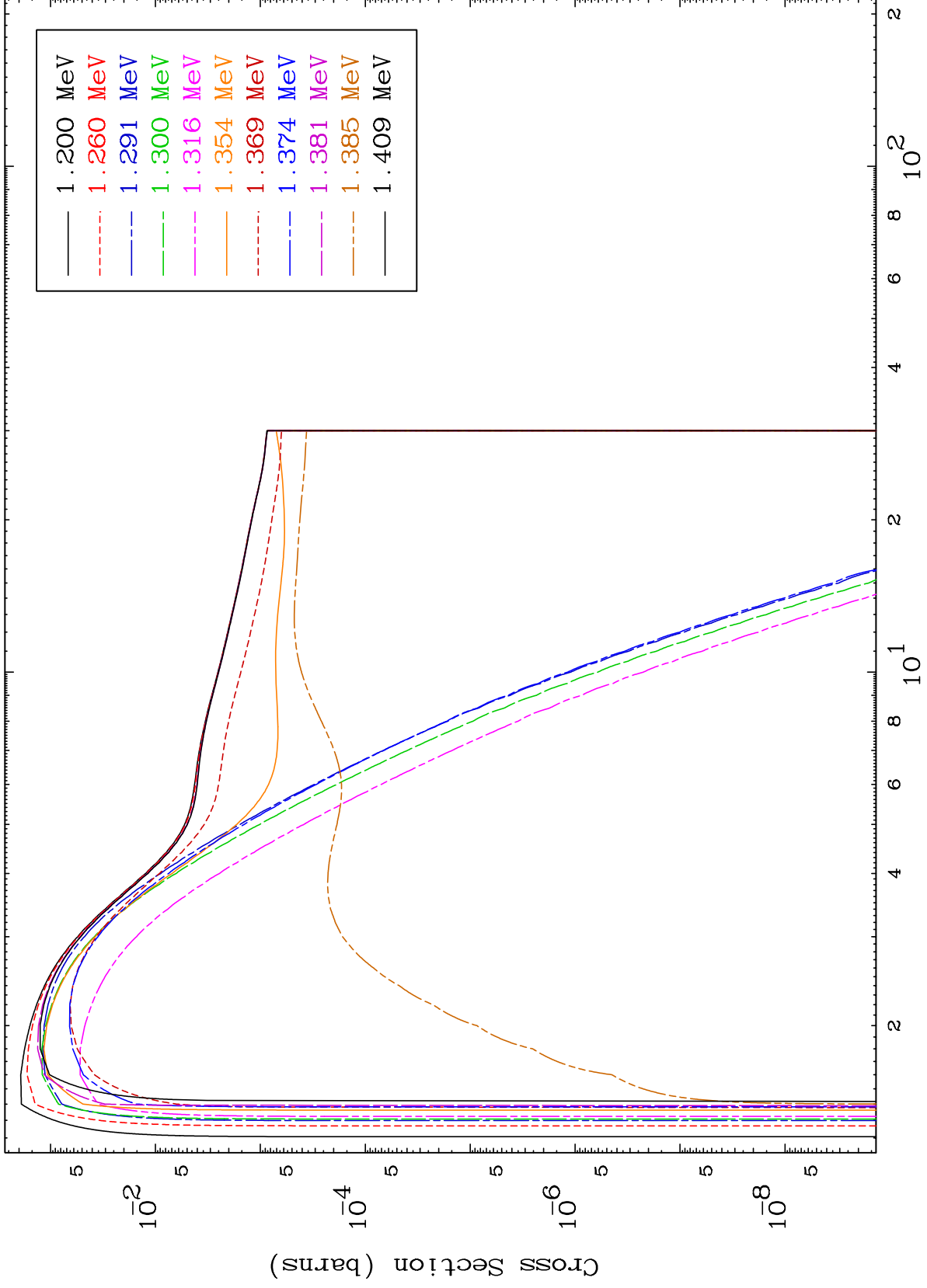
72-Hf-180

7

MAT 7243

(n,n') Level
293 Kelvin Cross Sections

72-Hf-180



8

Incident Energy (MeV)

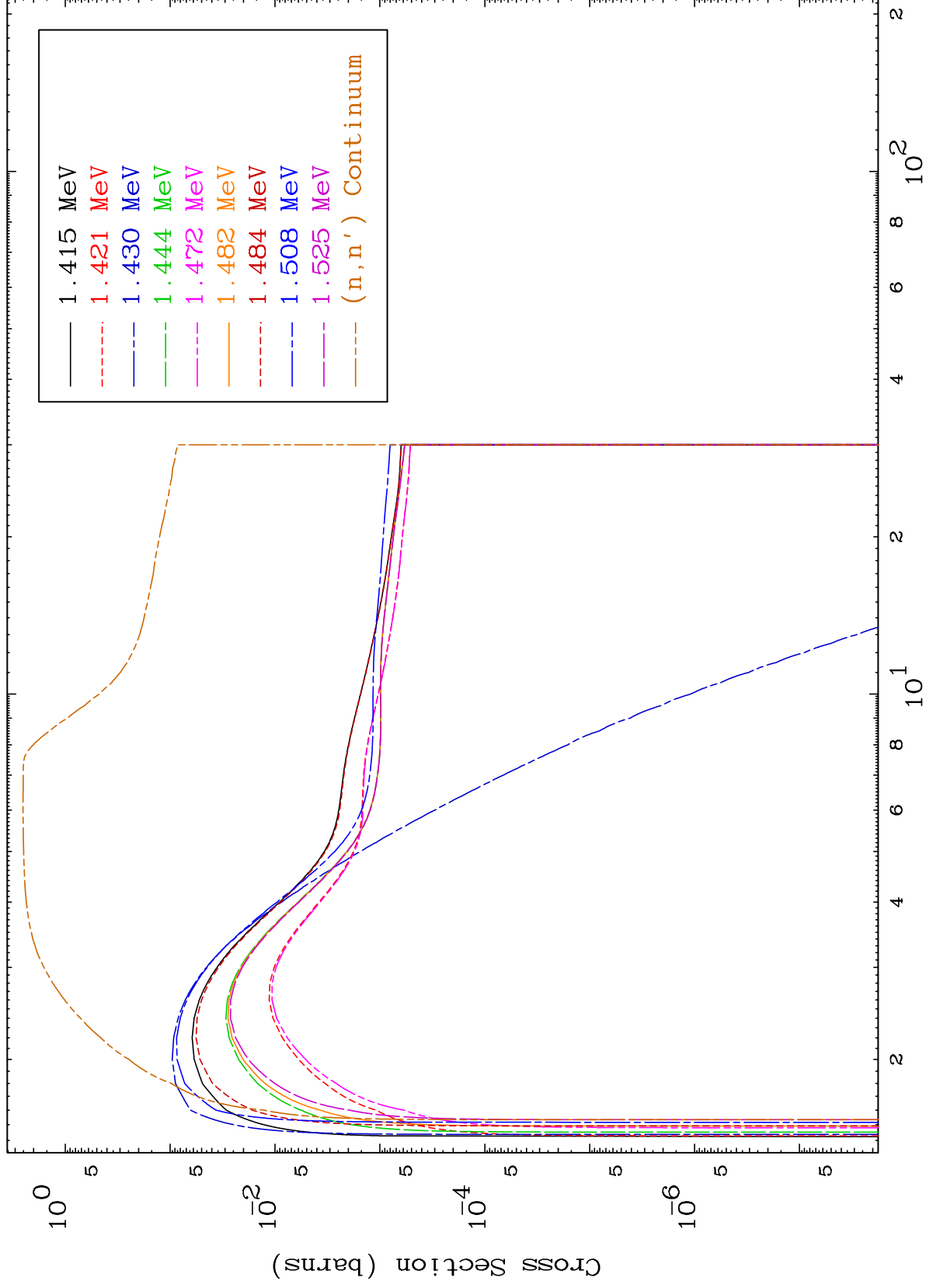
72-Hf-180

MAT 7243

(n,n') Level

72-Hf-180

293 Kelvin Cross Sections



9

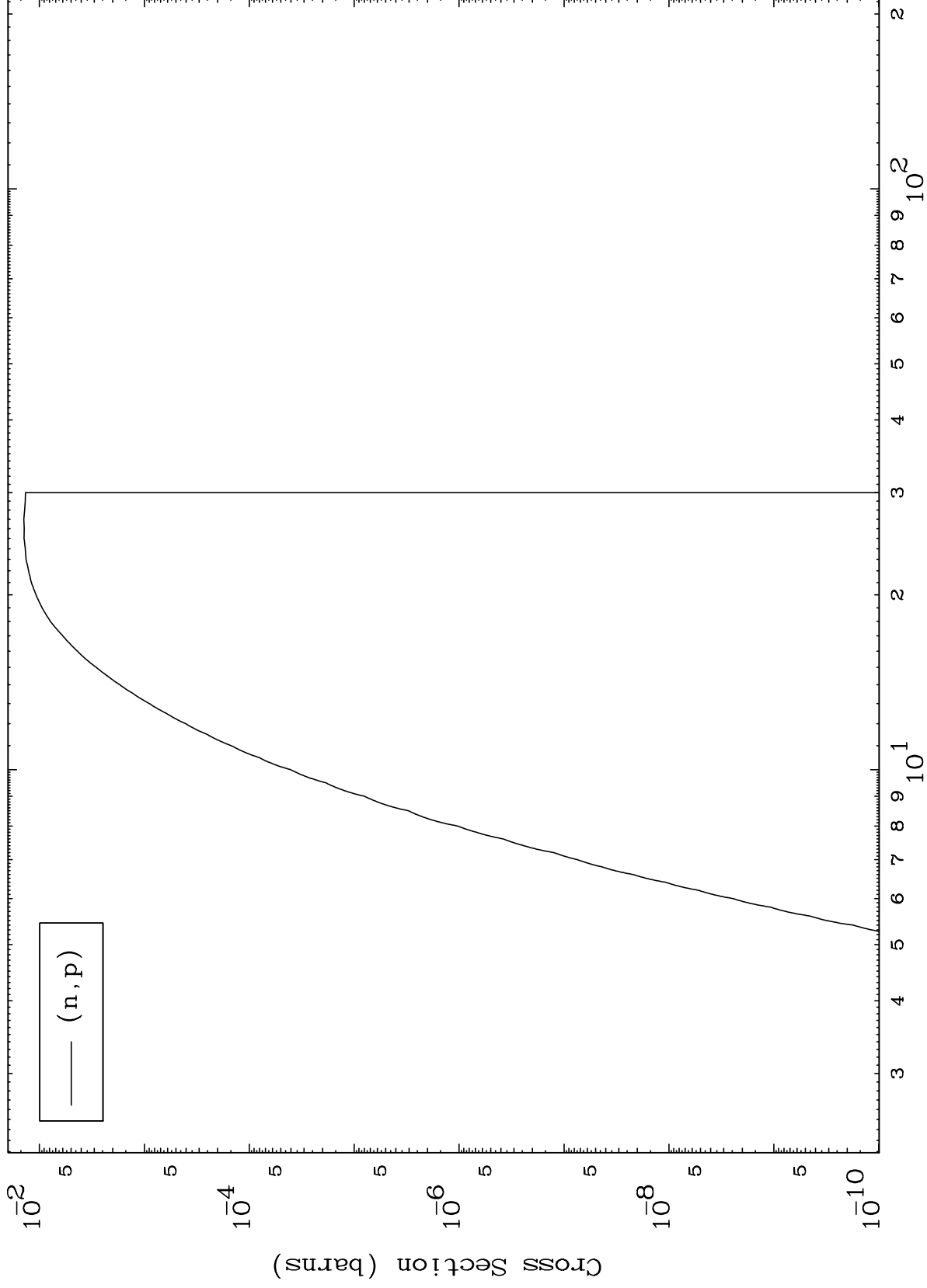
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-180



10

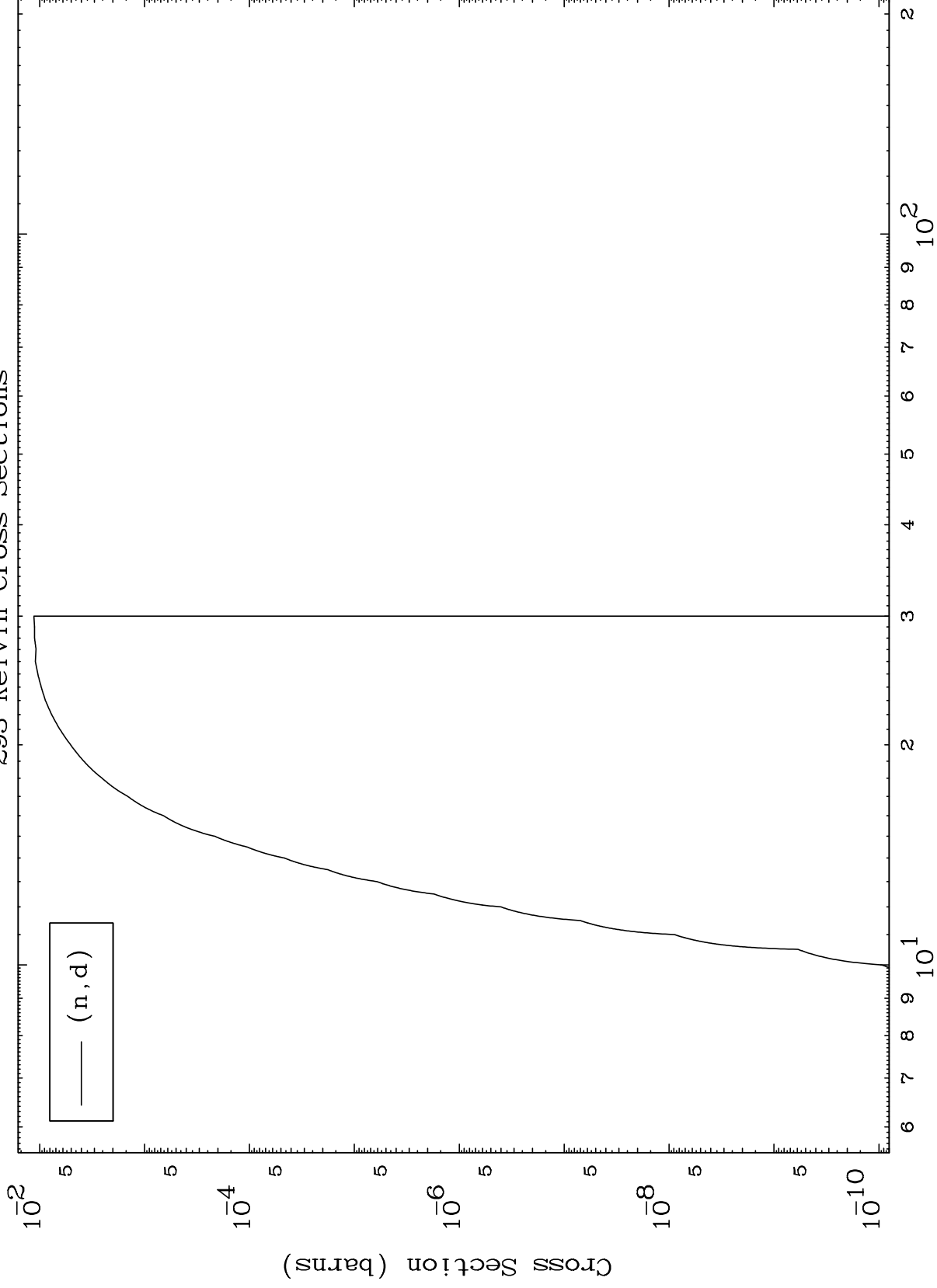
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-180



11

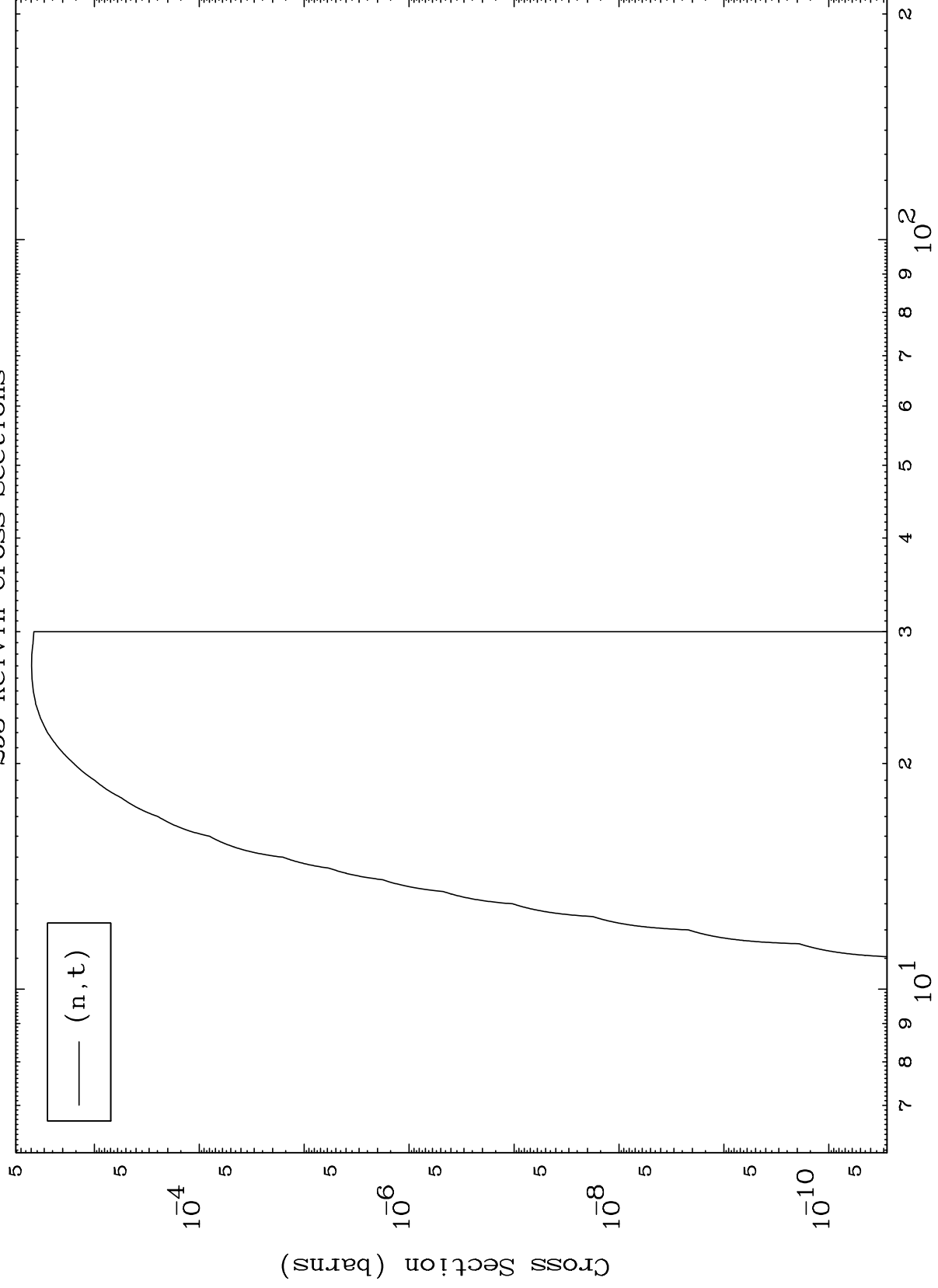
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-180



12

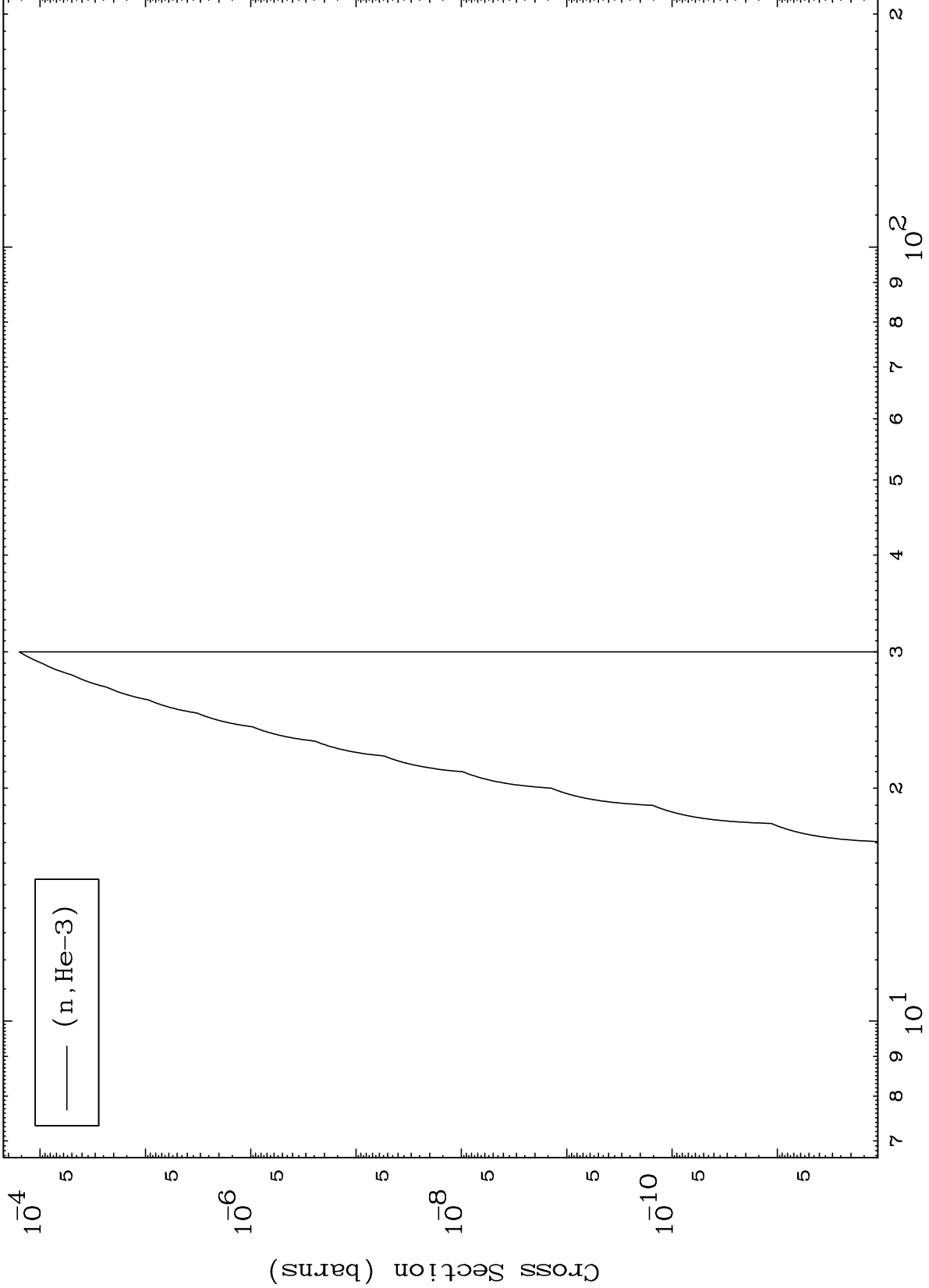
Incident Energy (MeV)

72-Hf-180

MAT 7243

(n,He3) Levels
293 Kelvin Cross Sections

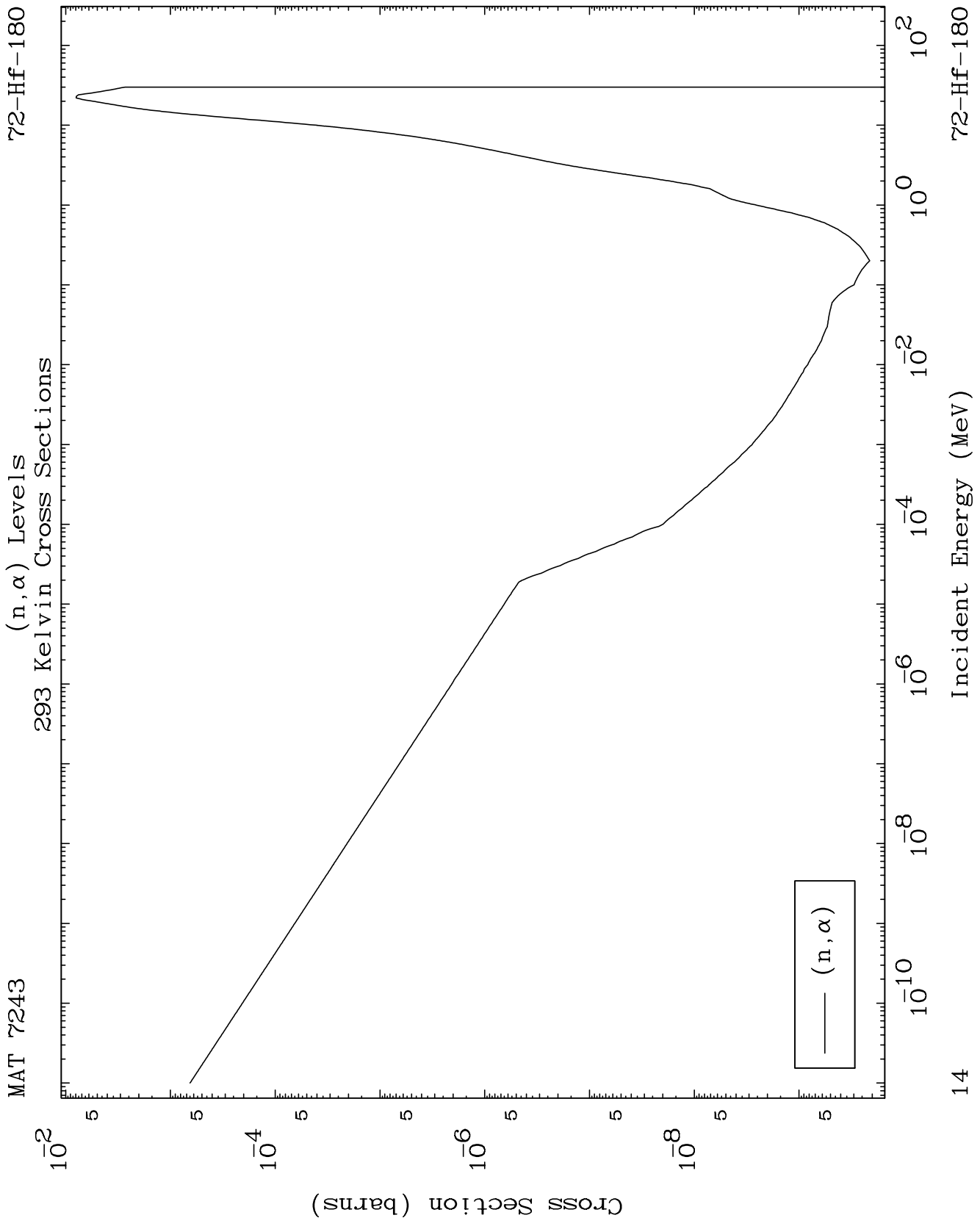
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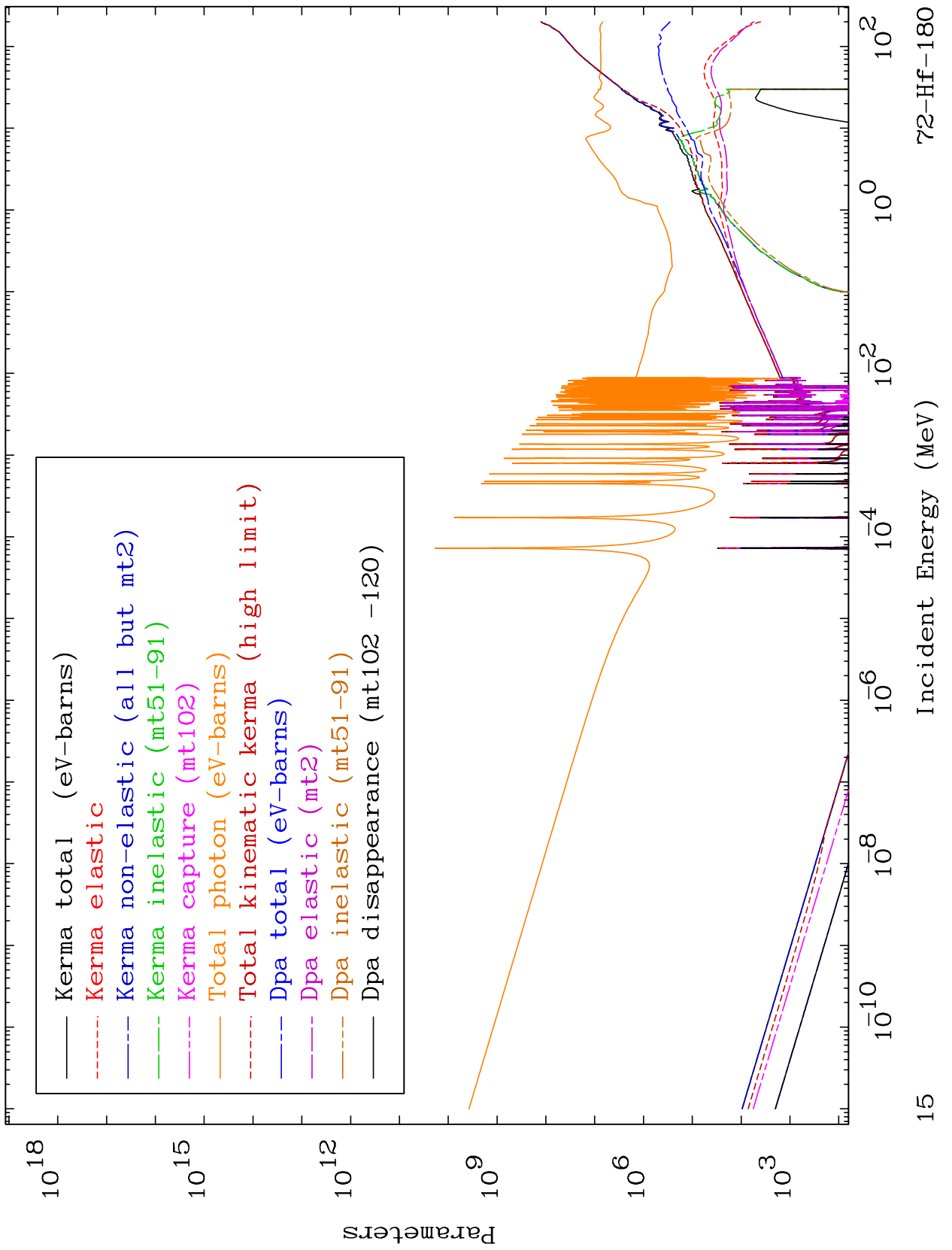


13

Incident Energy (MeV)

72-Hf-180

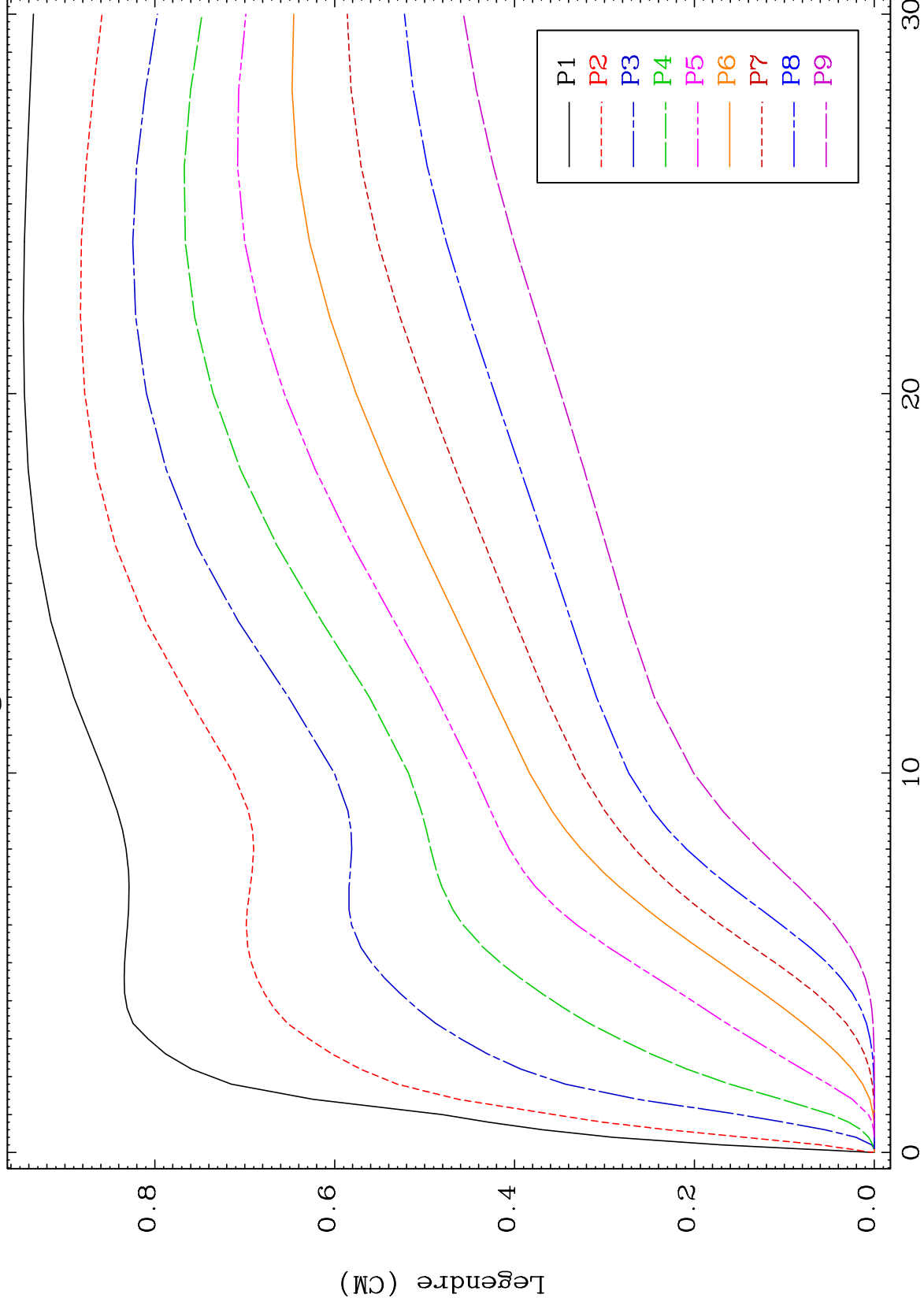




MAT 7243

Elastic Legendre Coefficients

72-Hf-180



Incident Energy (MeV)

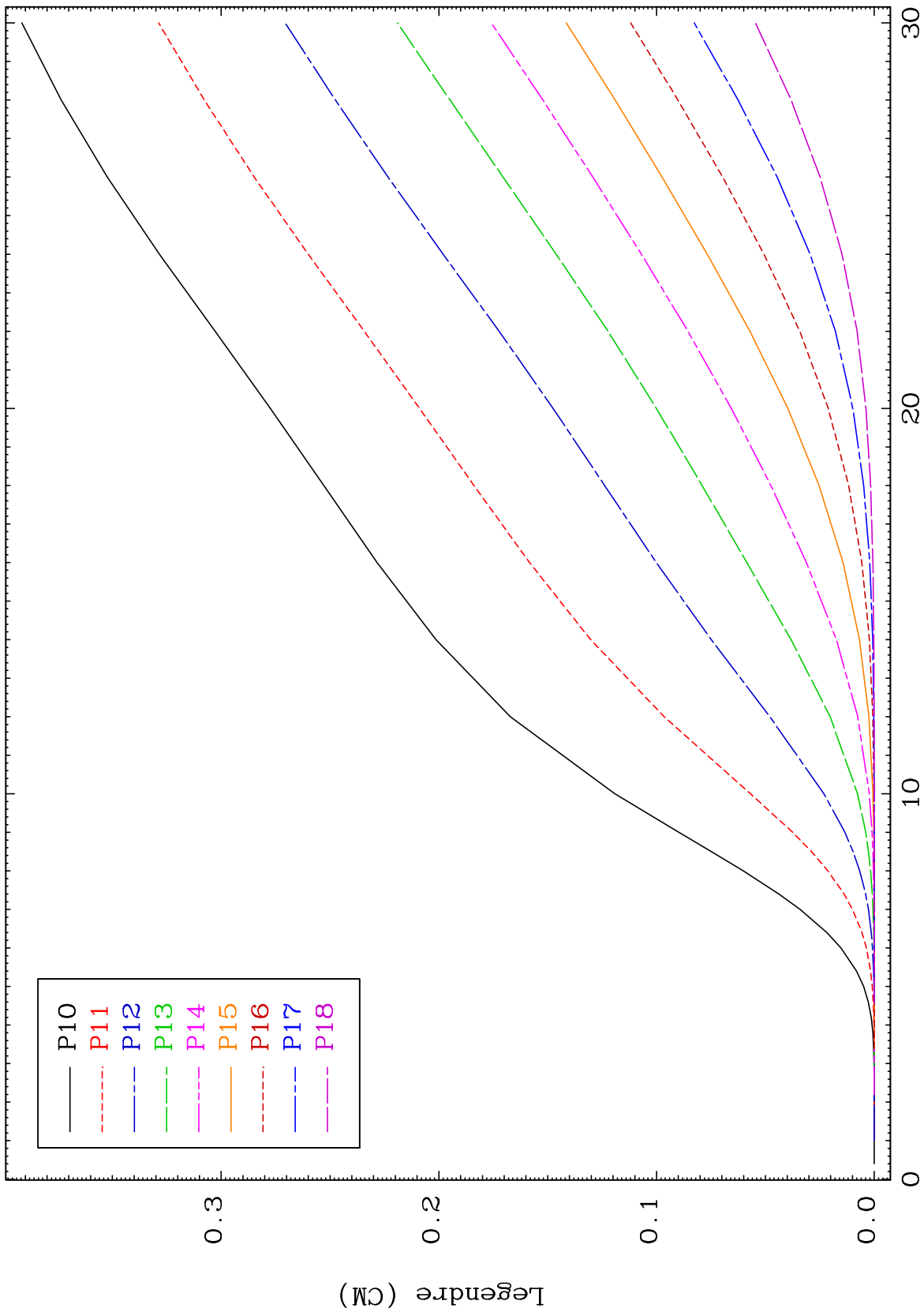
72-Hf-180

16

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



17

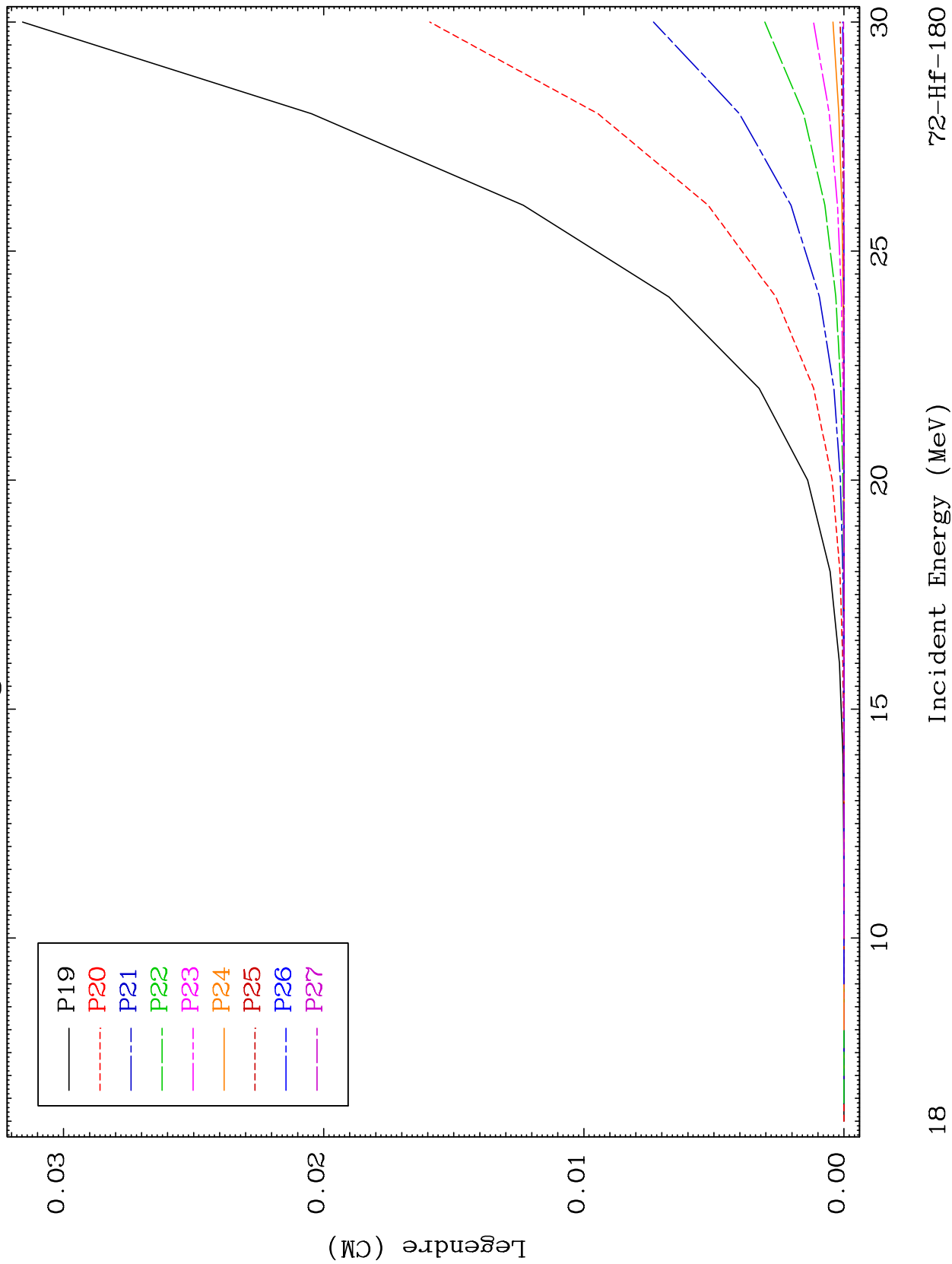
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

72-Hf-180



18

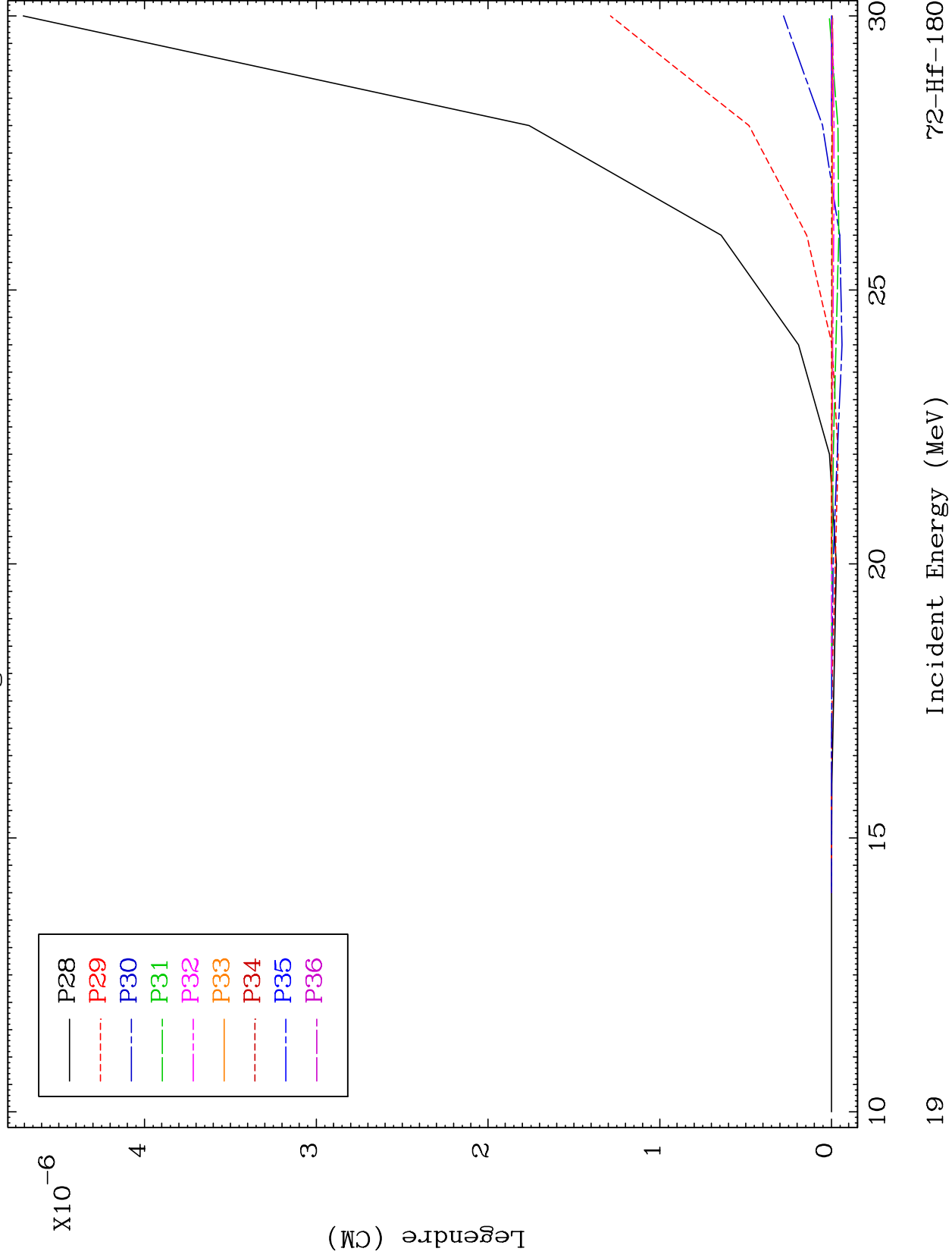
Incident Energy (MeV)

72-Hf-180

MAT 7243

Elastic Legendre Coefficients

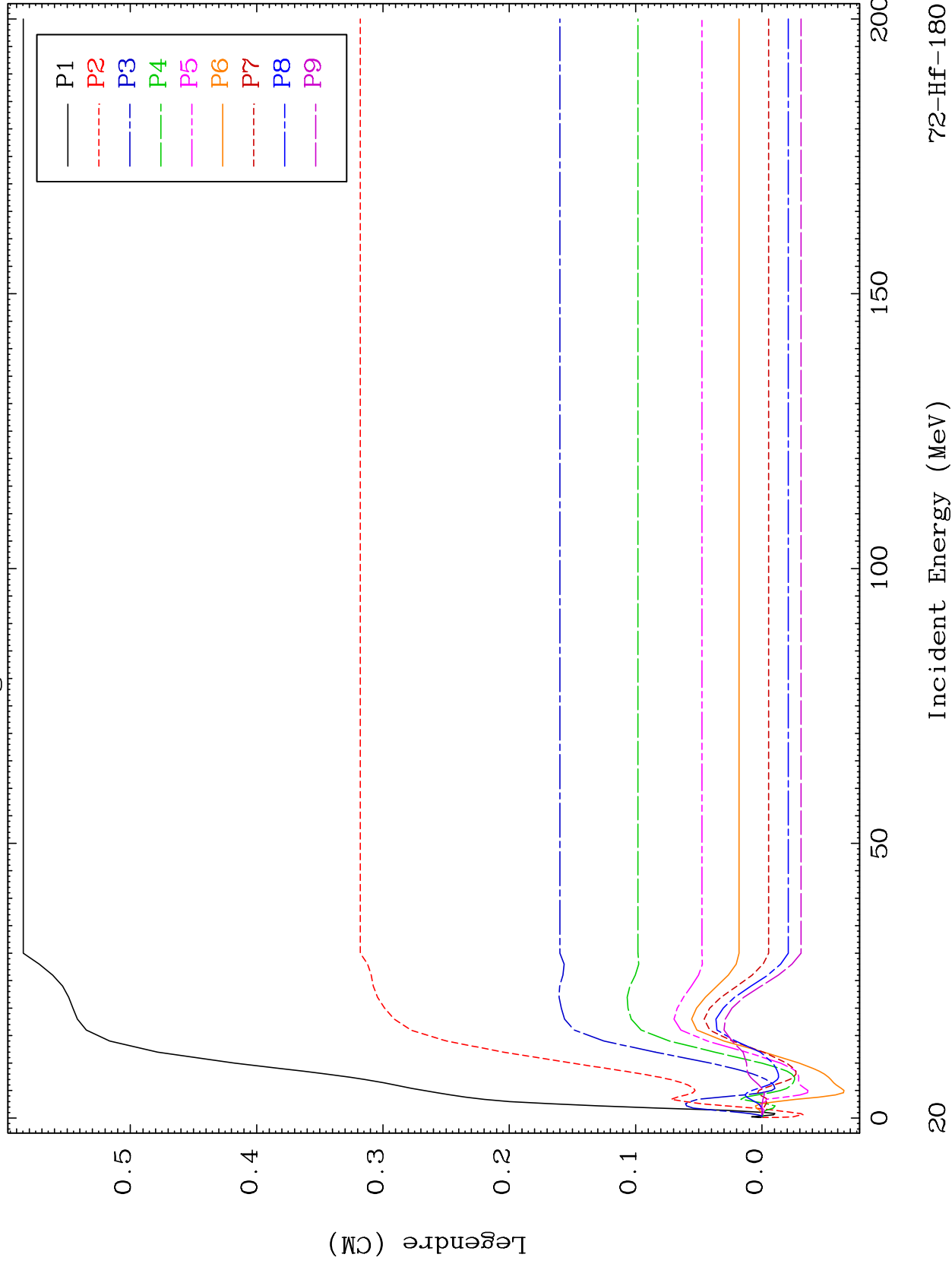
72-Hf-180



MAT 7243

93.32 keV (n,n') Level
Legendre Coefficients

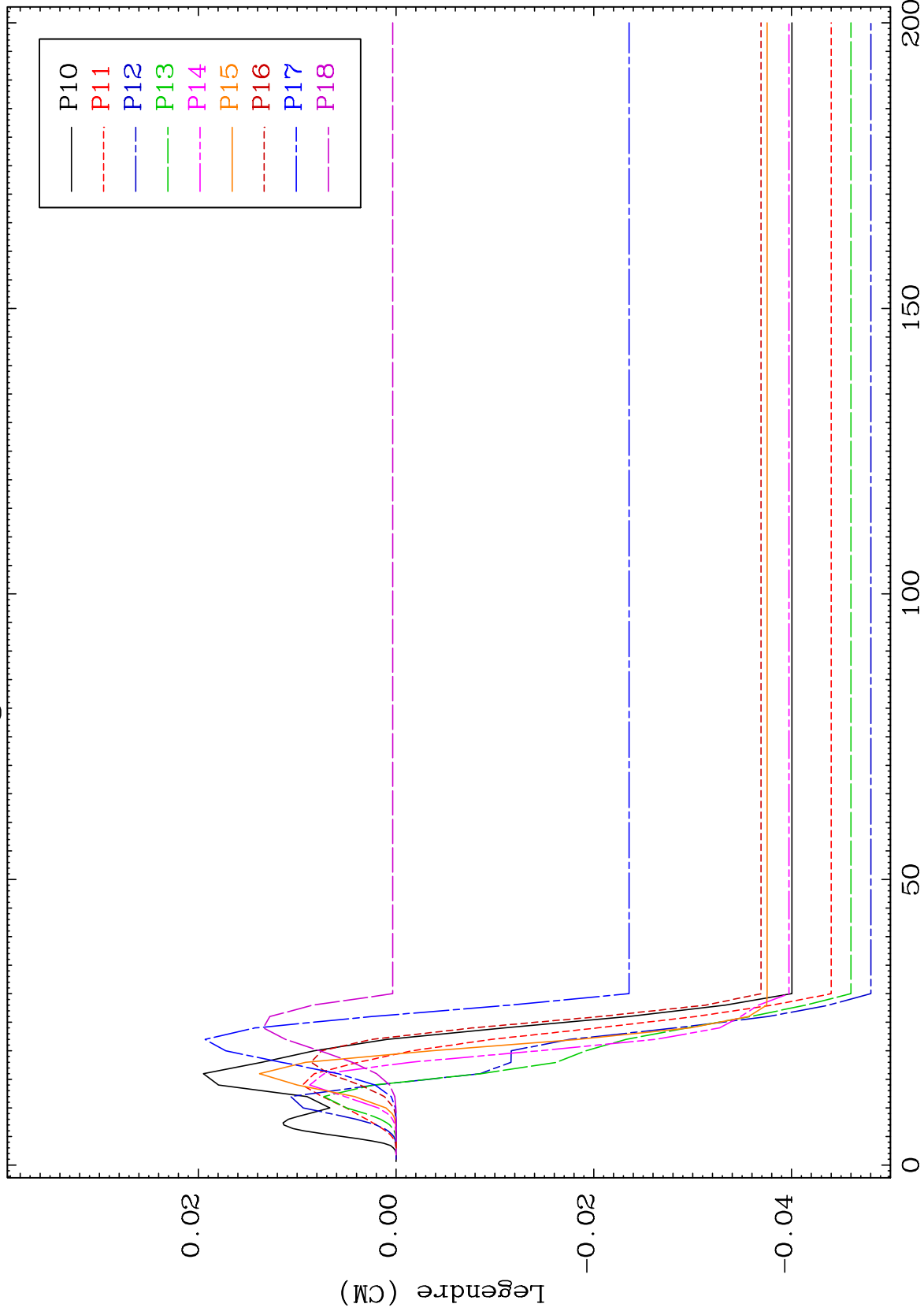
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MAT 7243

93.32 keV (n,n') Level
Legendre Coefficients

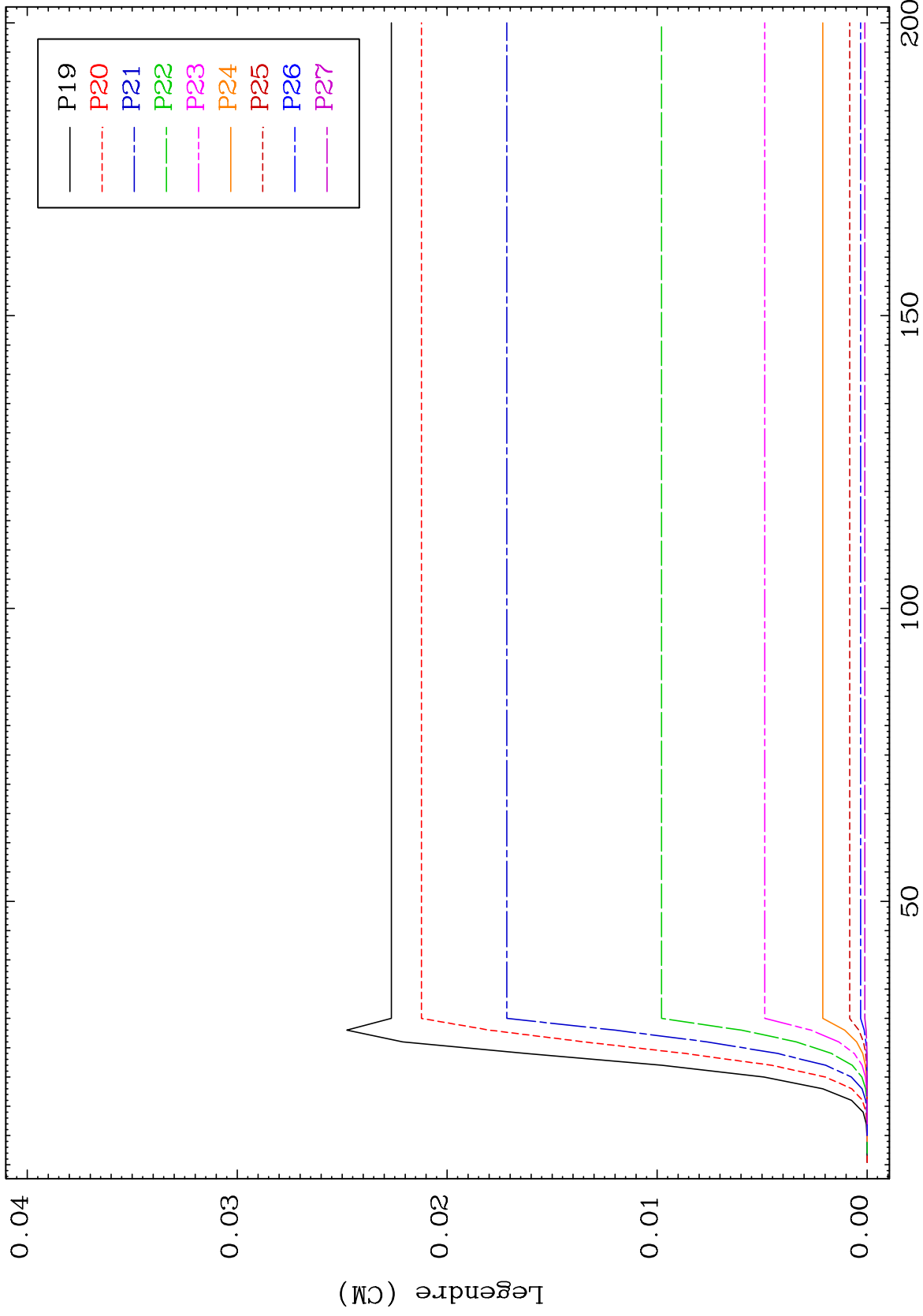
72-Hf-180



MAT 7243

93.32 keV (n,n') Level
Legendre Coefficients

72-Hf-180



22

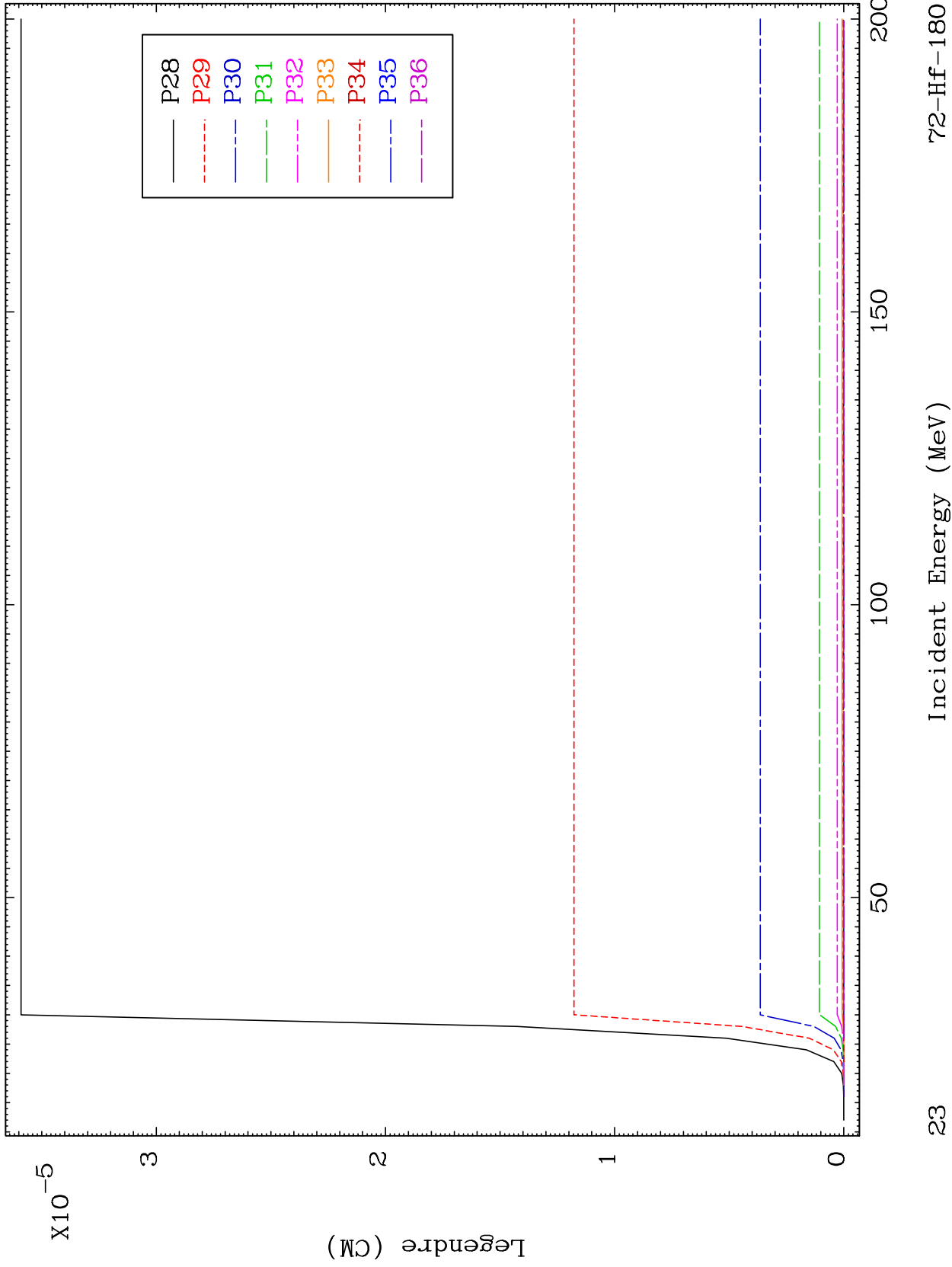
Incident Energy (MeV)

72-Hf-180

MAT 7243

93.32 keV (n,n') Level
Legendre Coefficients

72-Hf-180

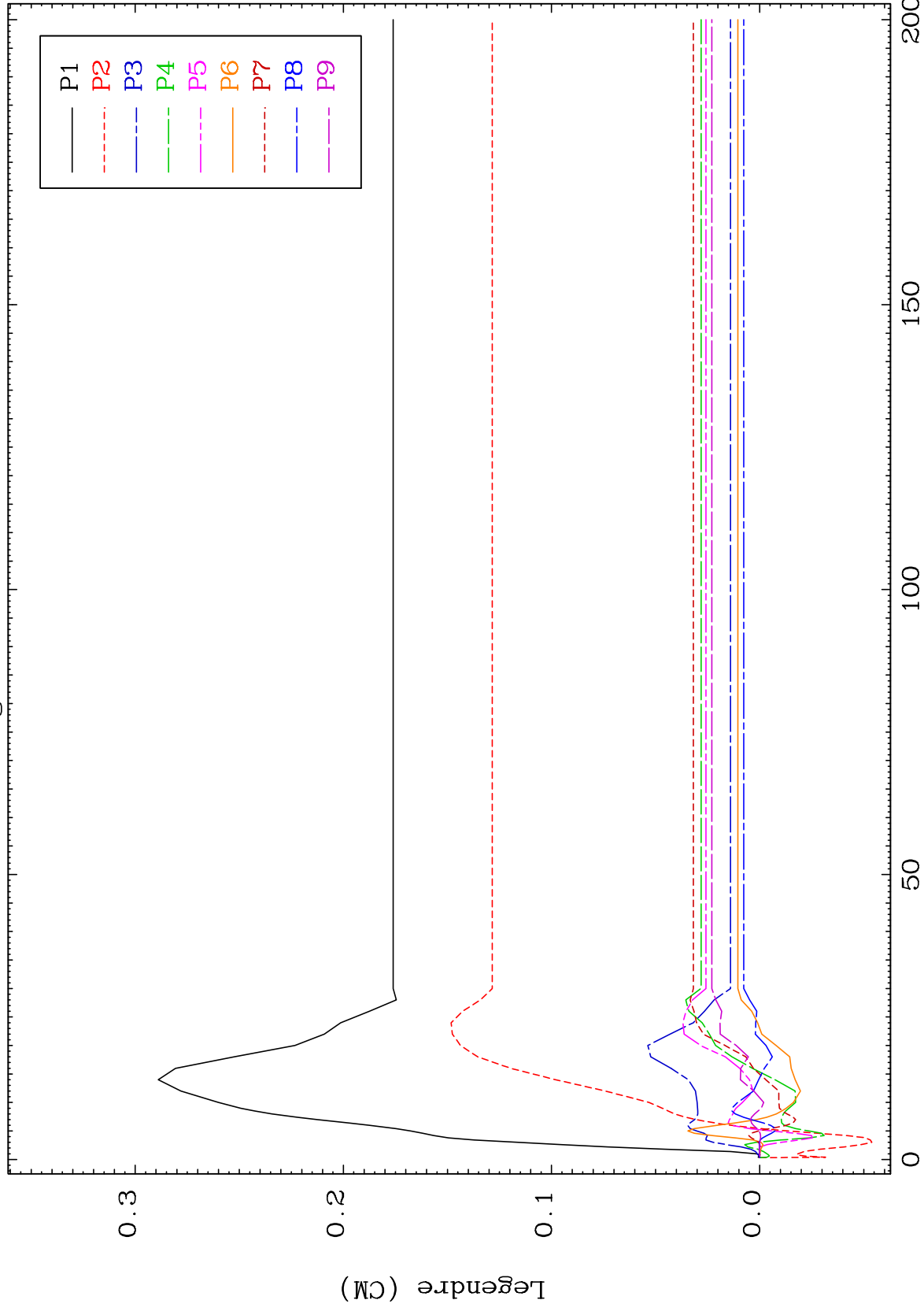


23

MAT 7243

308.6 keV (n,n') Level
Legendre Coefficients

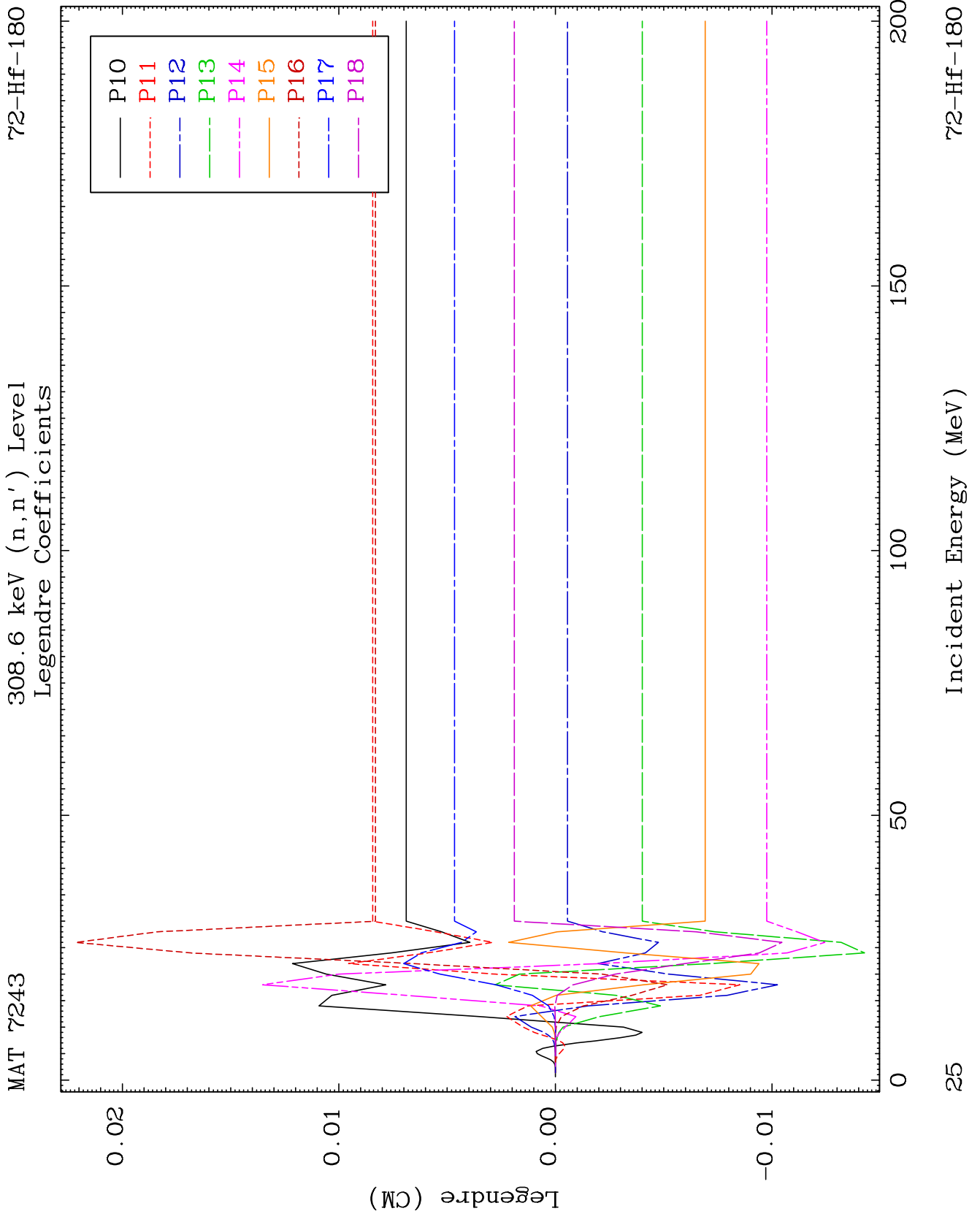
72-Hf-180



24

Incident Energy (MeV)

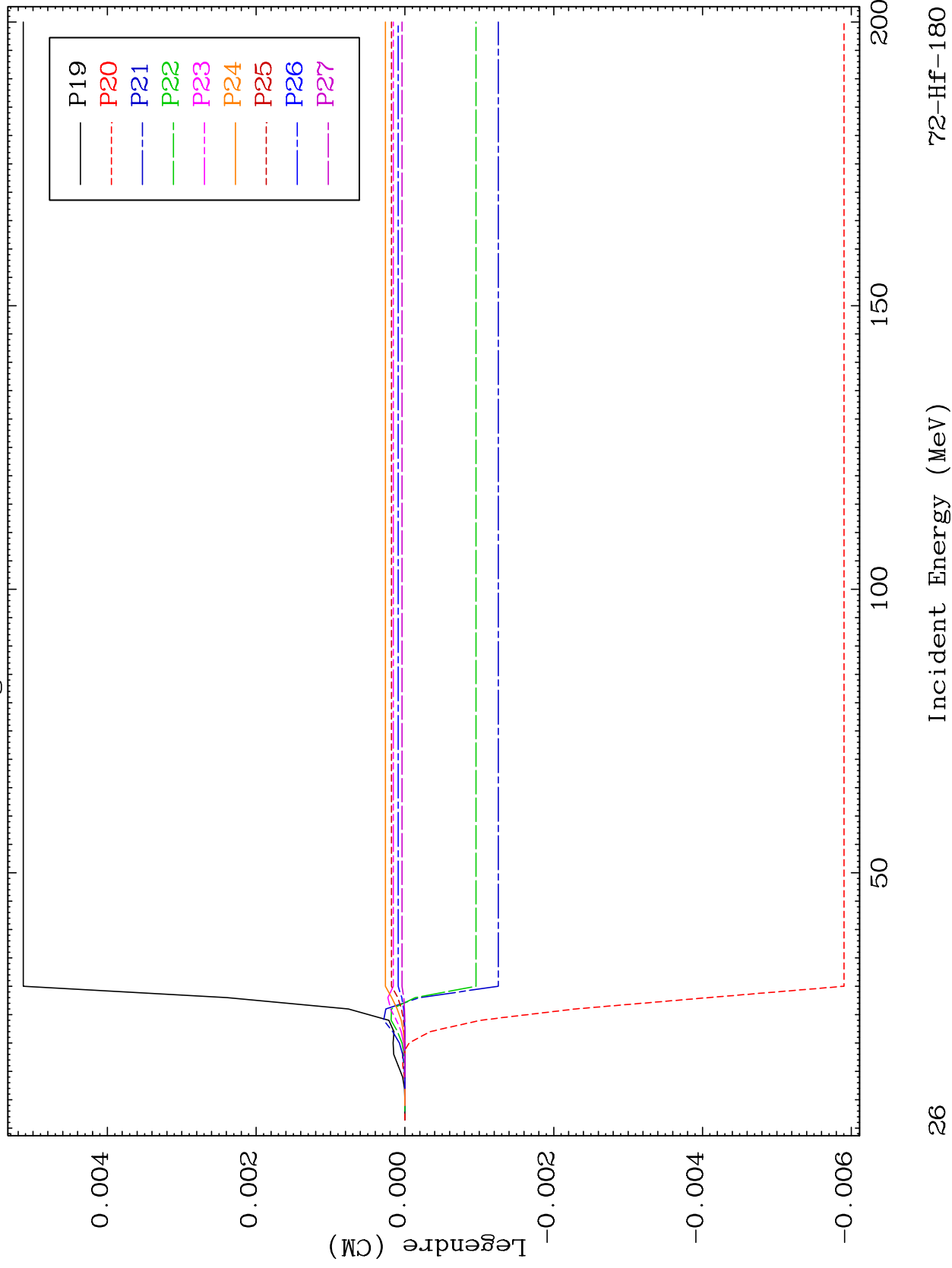
72-Hf-180



MAT 7243

308.6 keV (n,n') Level
Legendre Coefficients

72-Hf-180



26

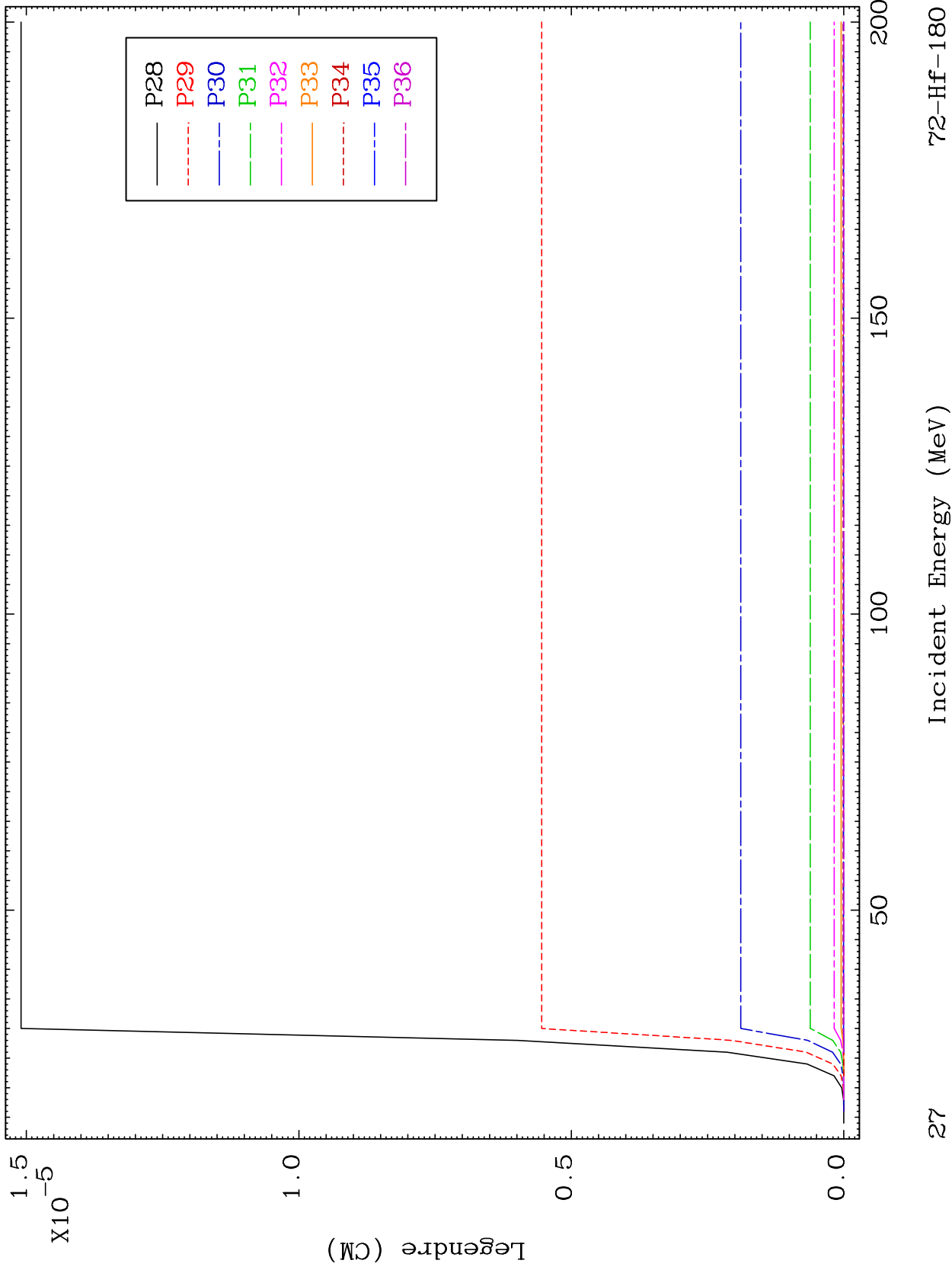
Incident Energy (MeV)

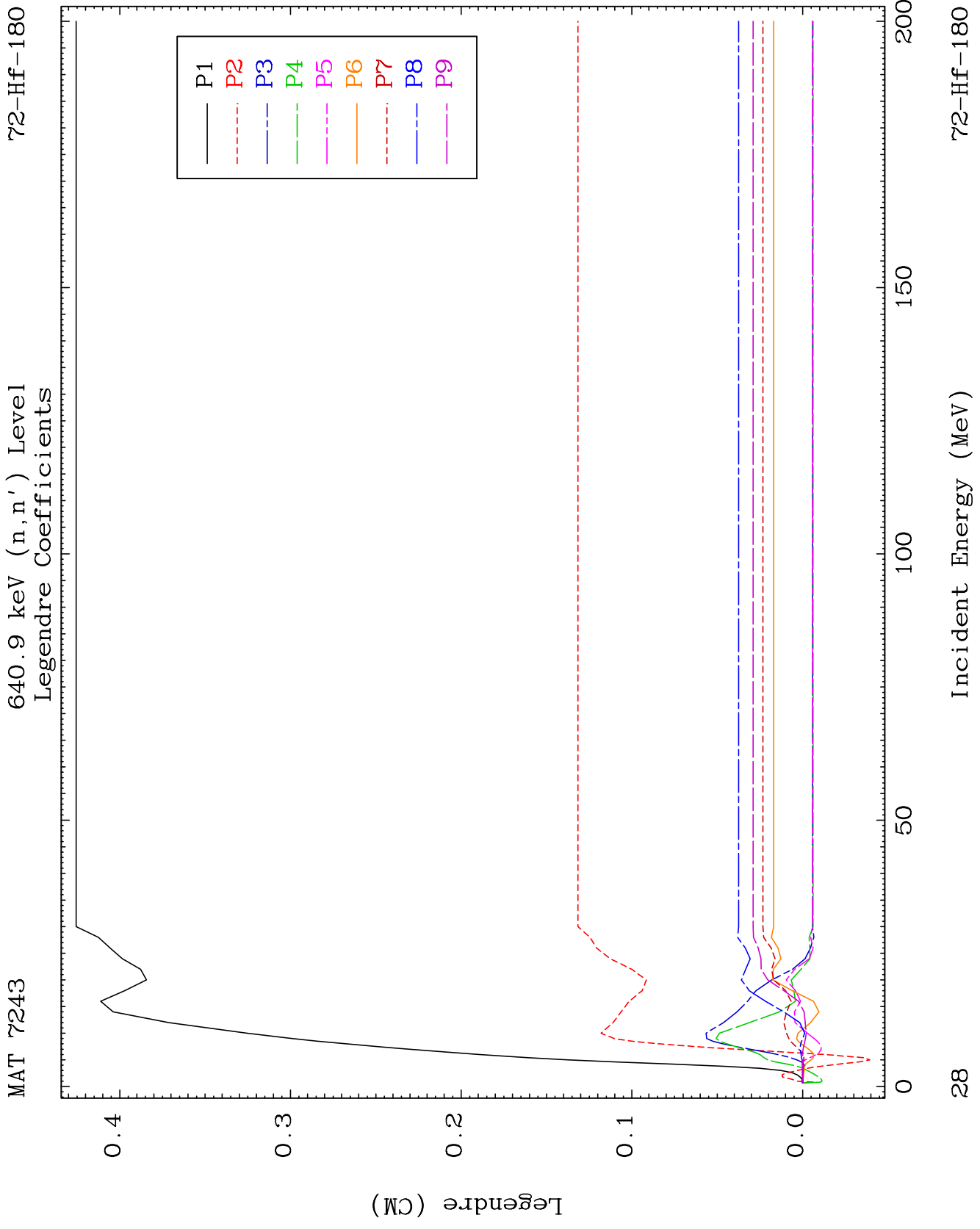
72-Hf-180

MAT 7243

308.6 keV (n,n') Level
Legendre Coefficients

72-Hf-180

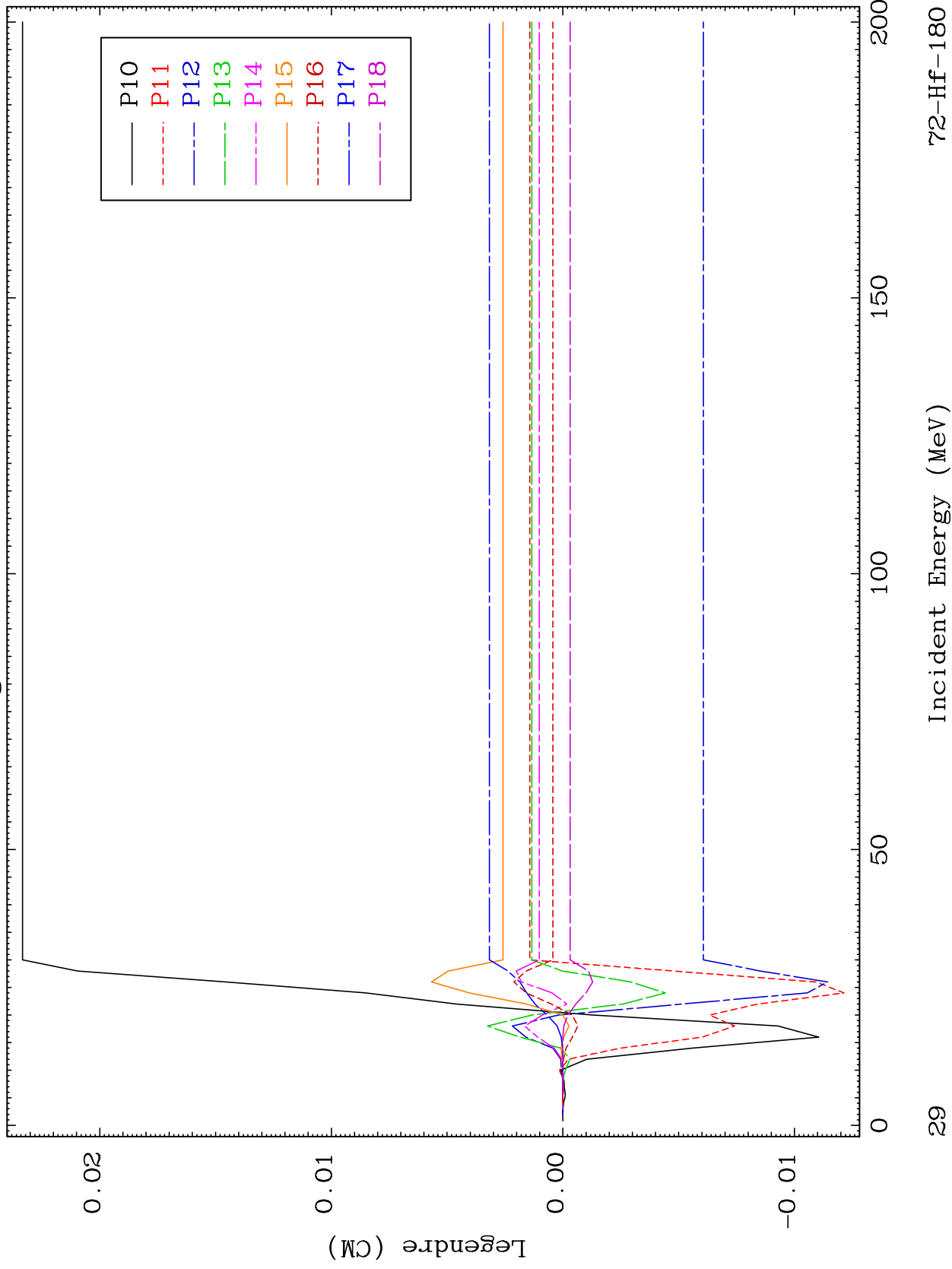




MAT 7243

640.9 keV (n,n') Level
Legendre Coefficients

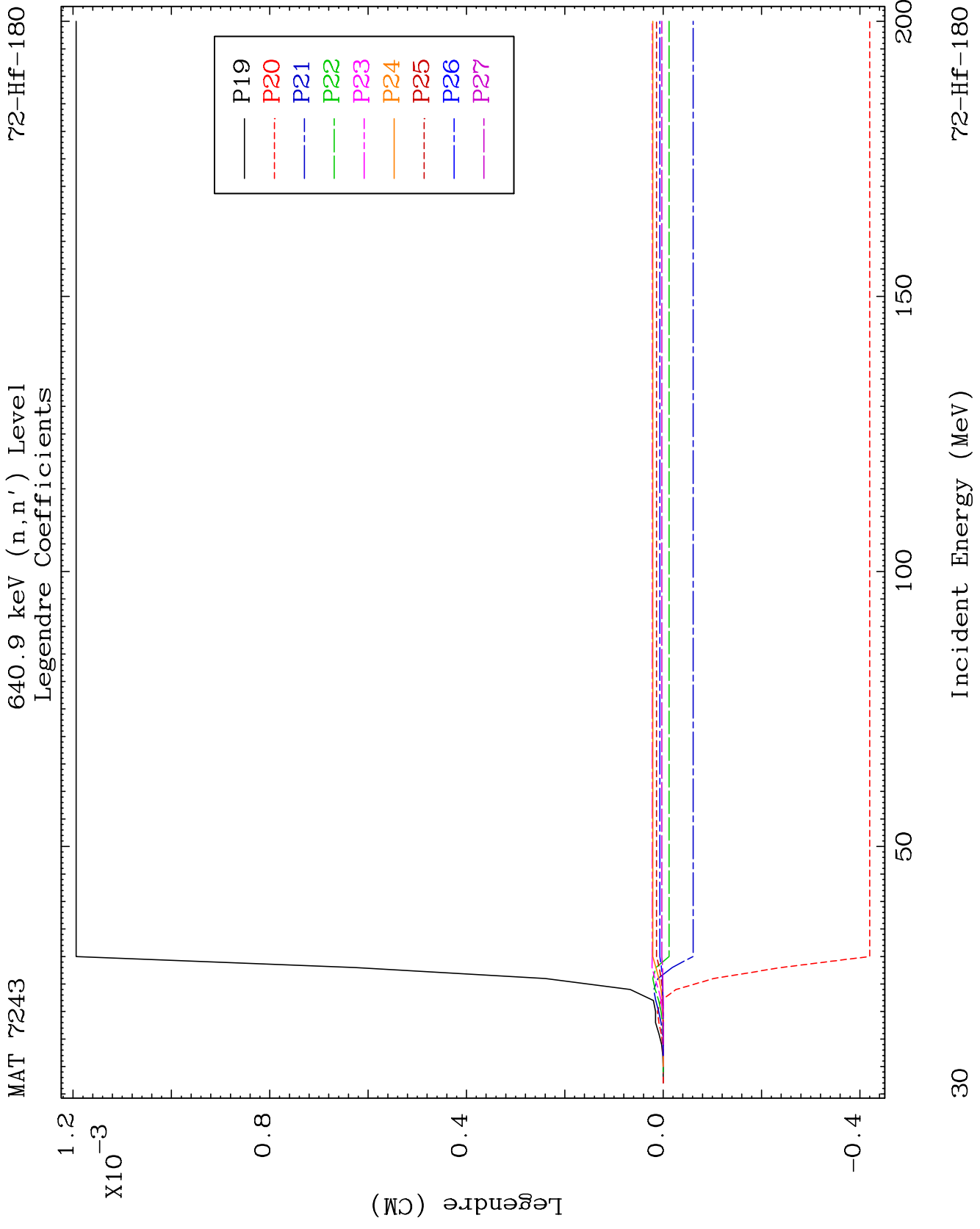
72-Hf-180

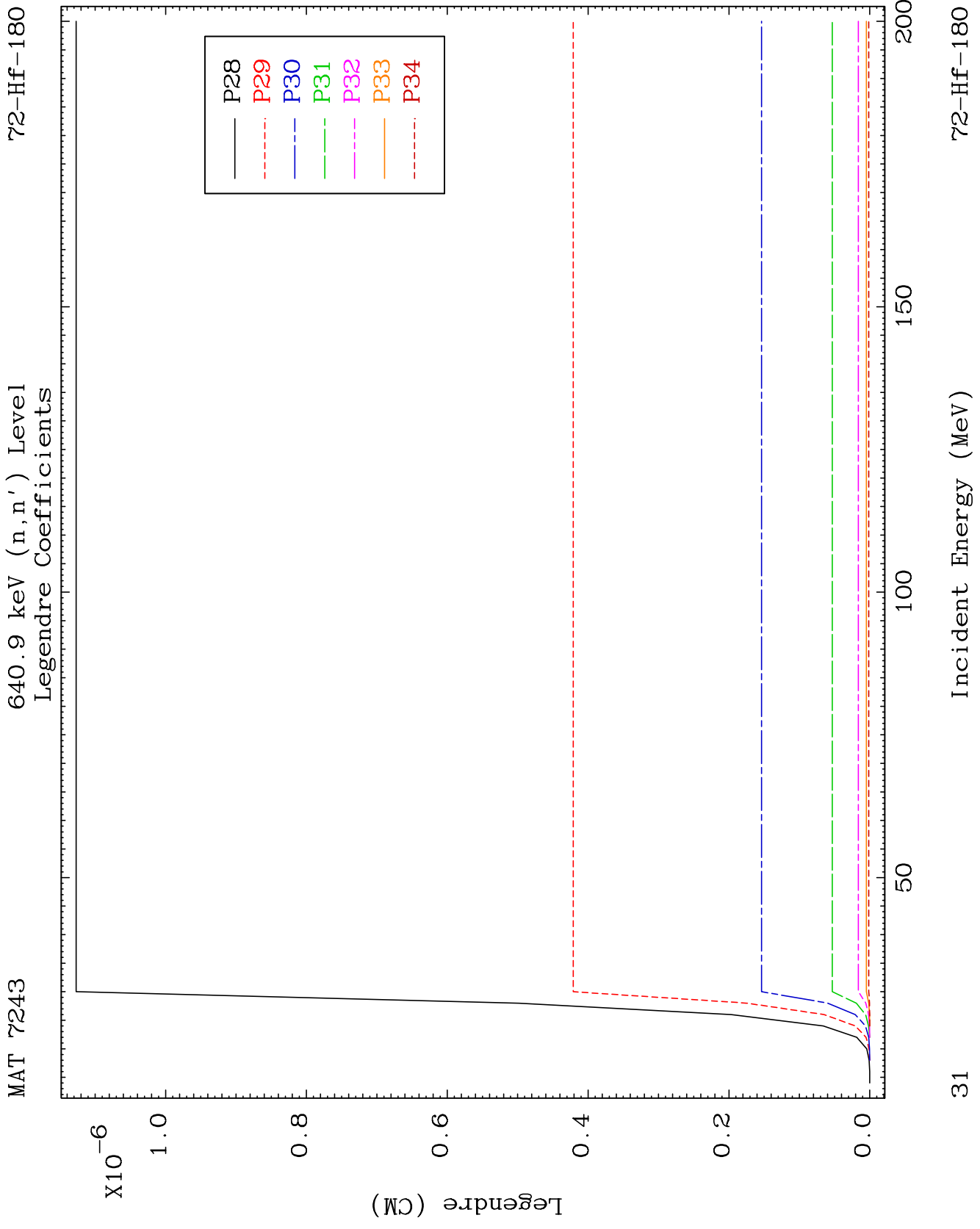


29

Incident Energy (MeV)

72-Hf-180

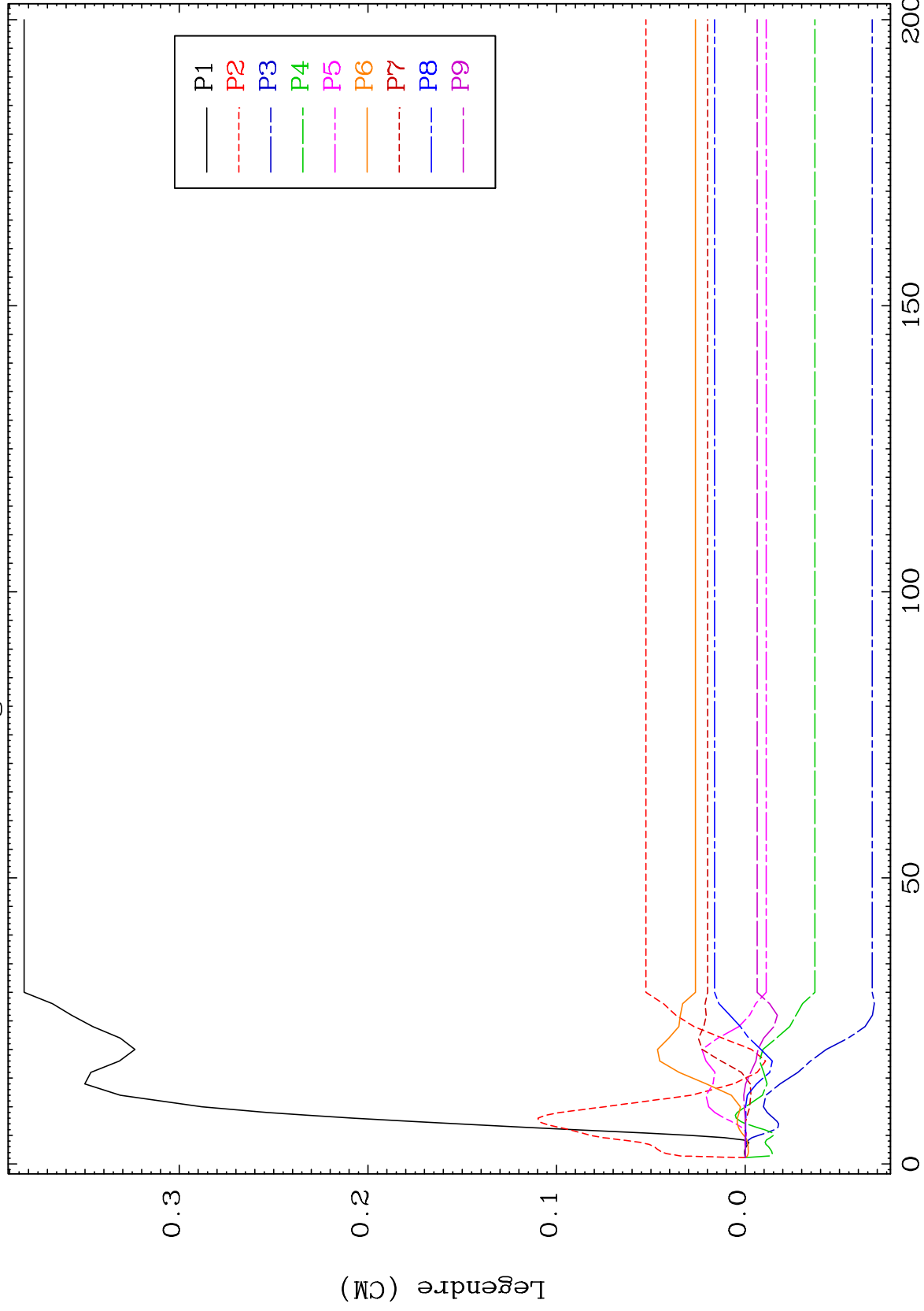




MAT 7243

1.084 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



32

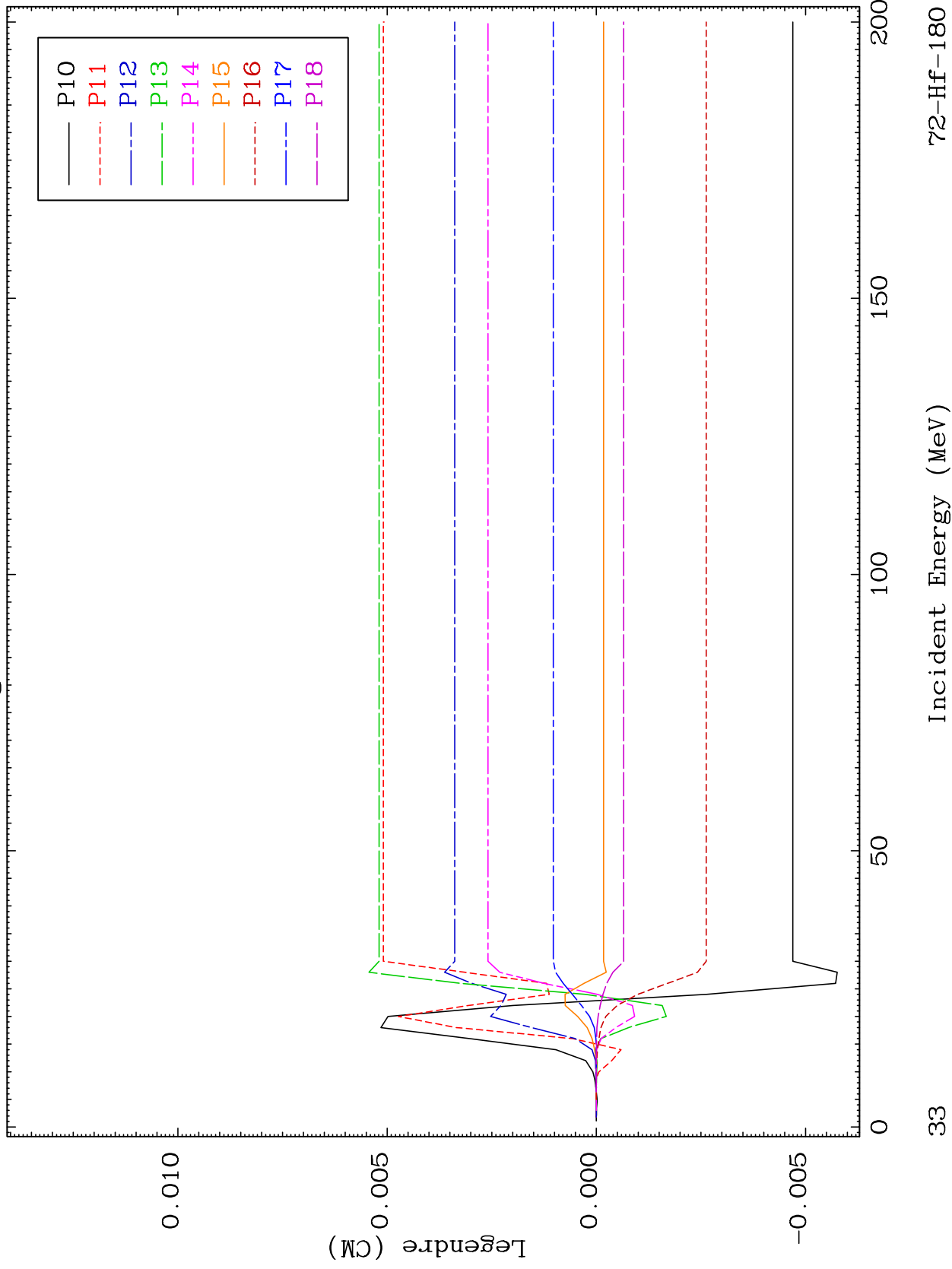
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.084 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



33

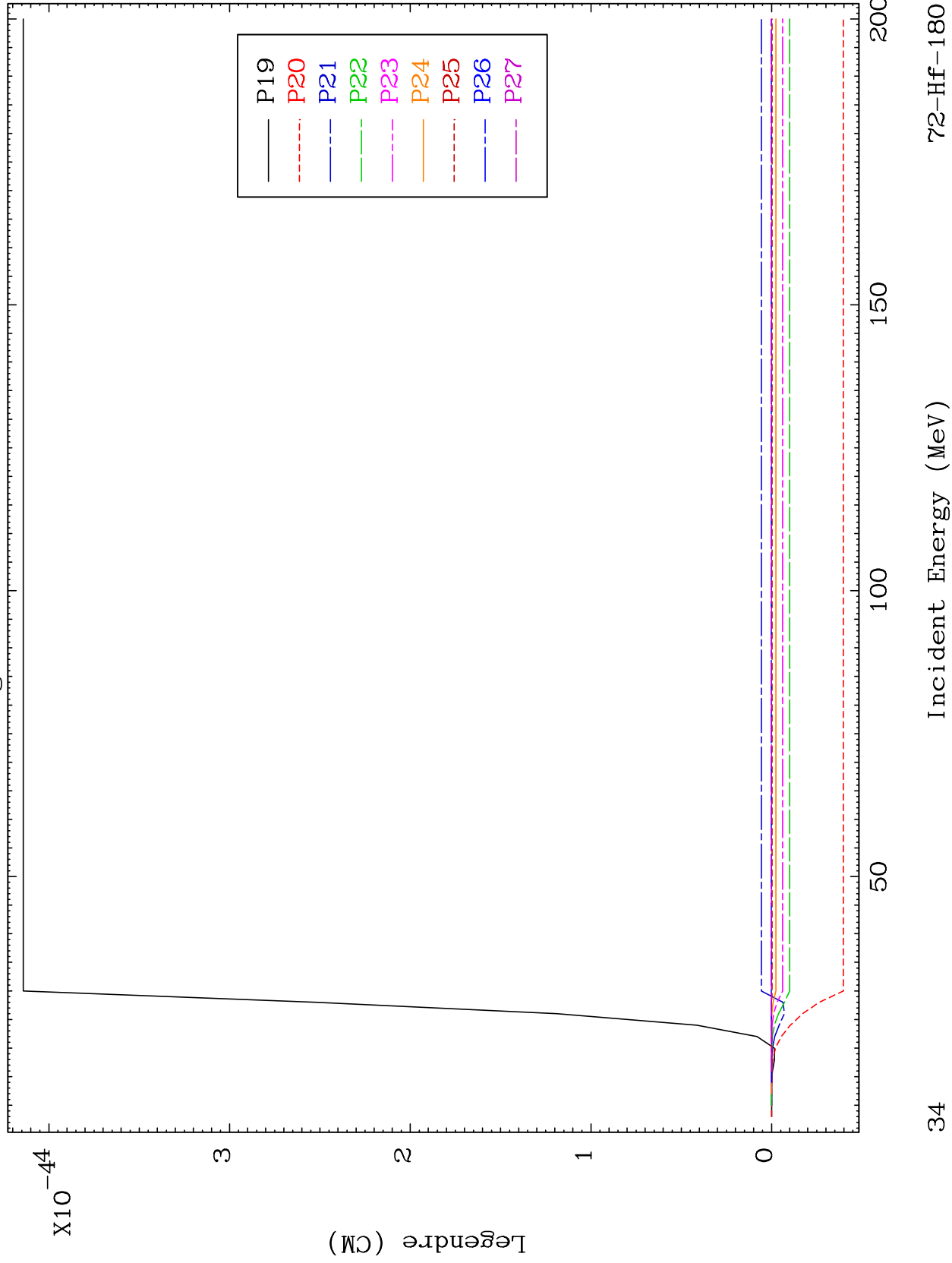
Incident Energy (MeV)

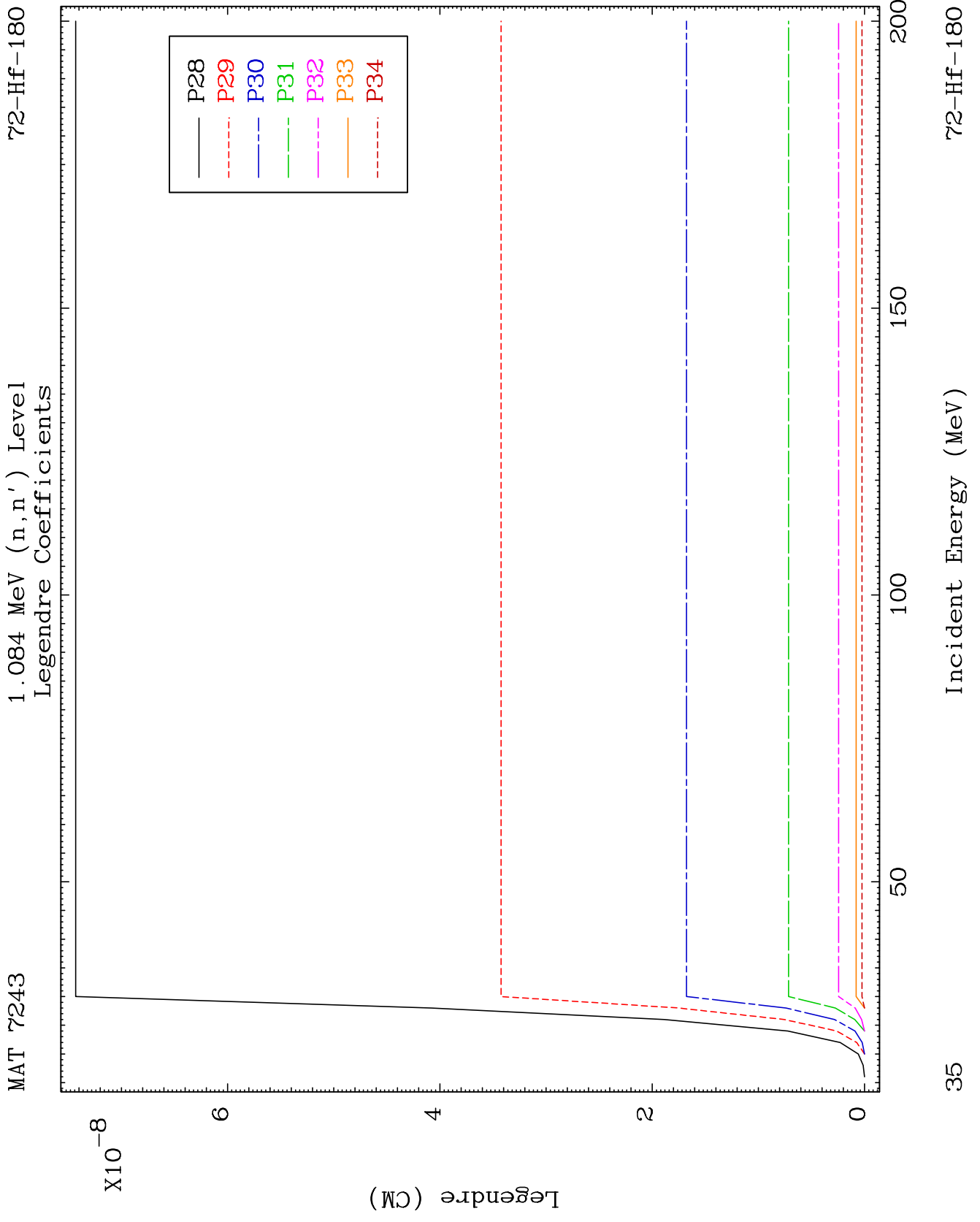
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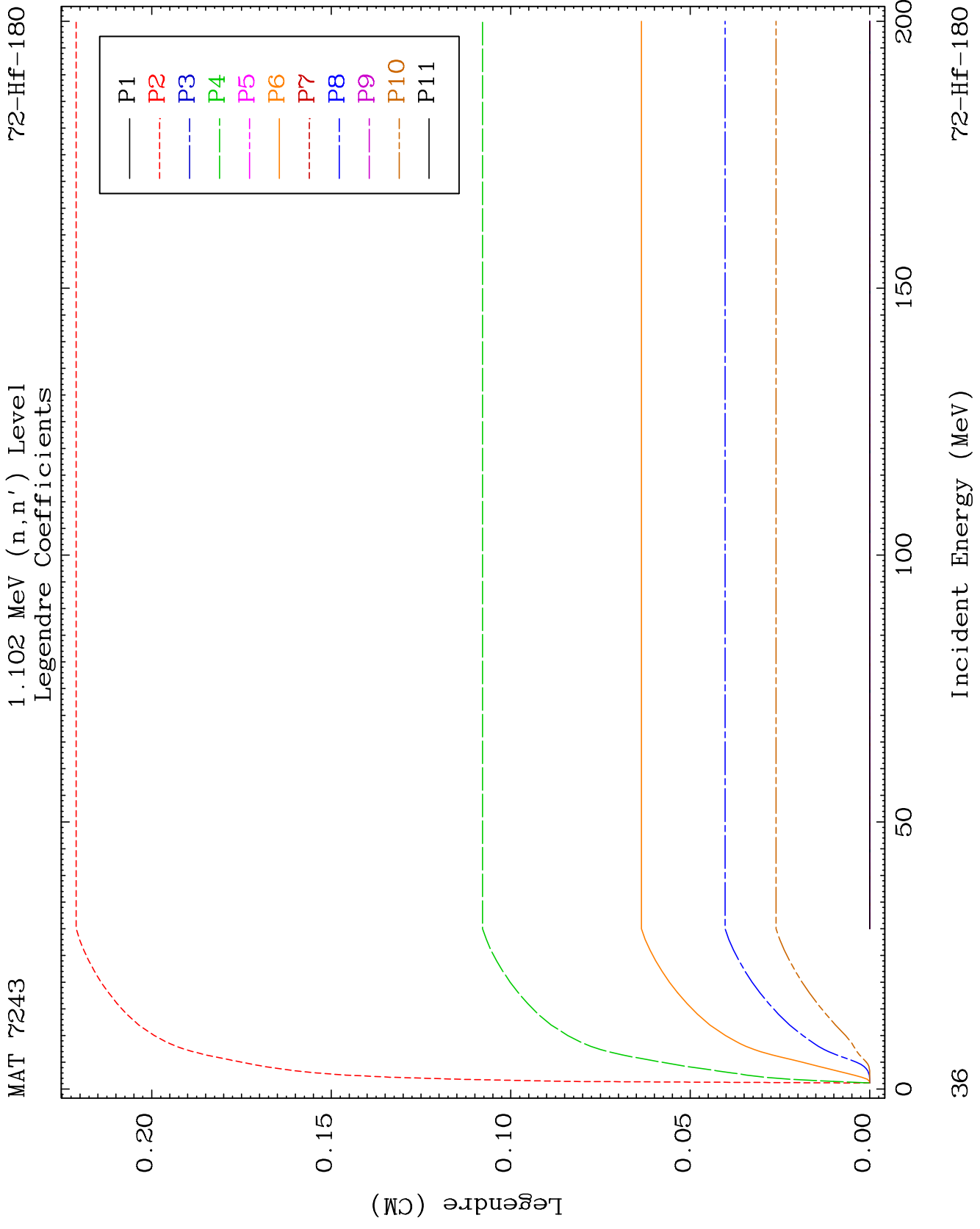
MAT 7243

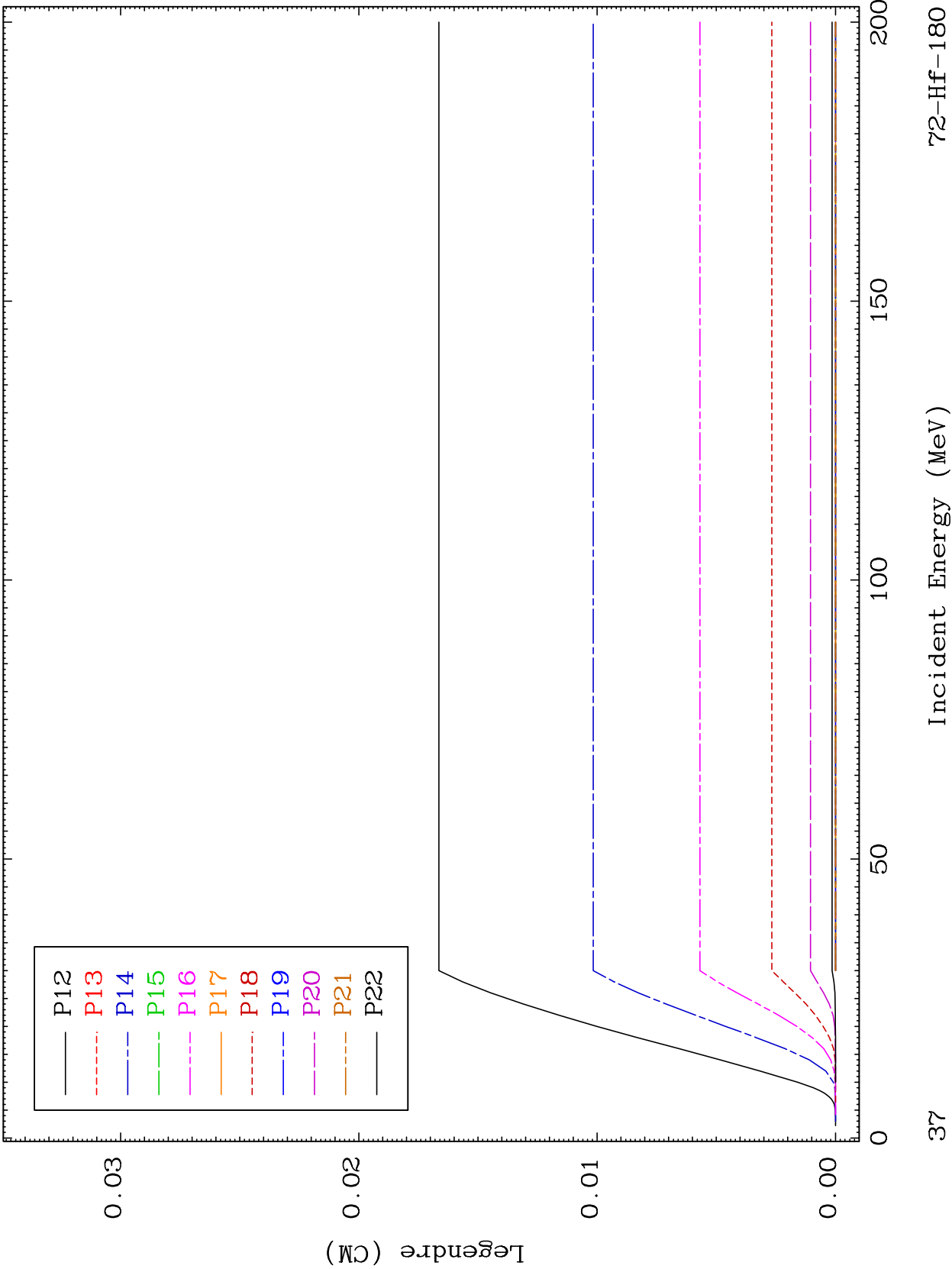
1.084 MeV (n,n') Level
Legendre Coefficients

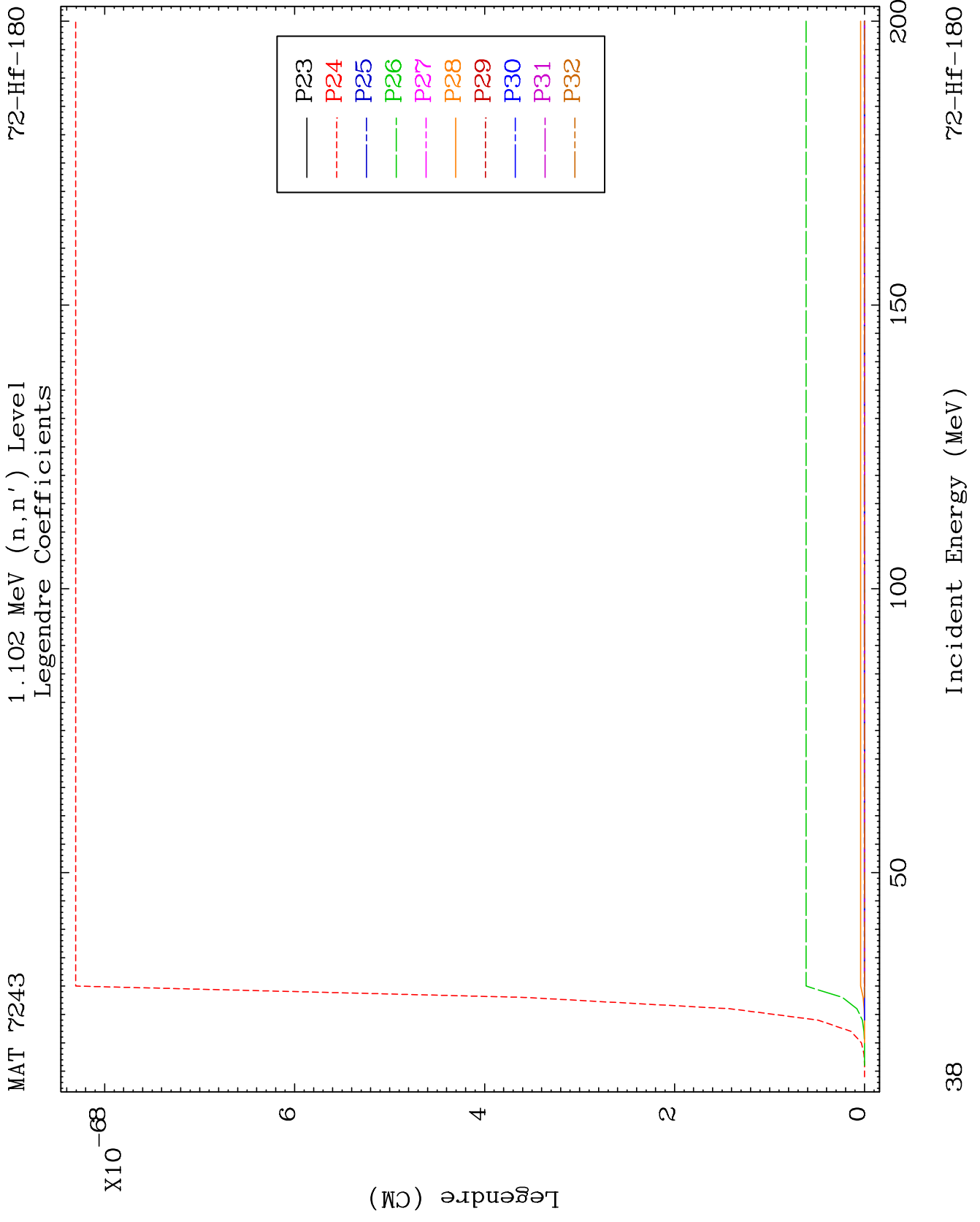
72-Hf-180







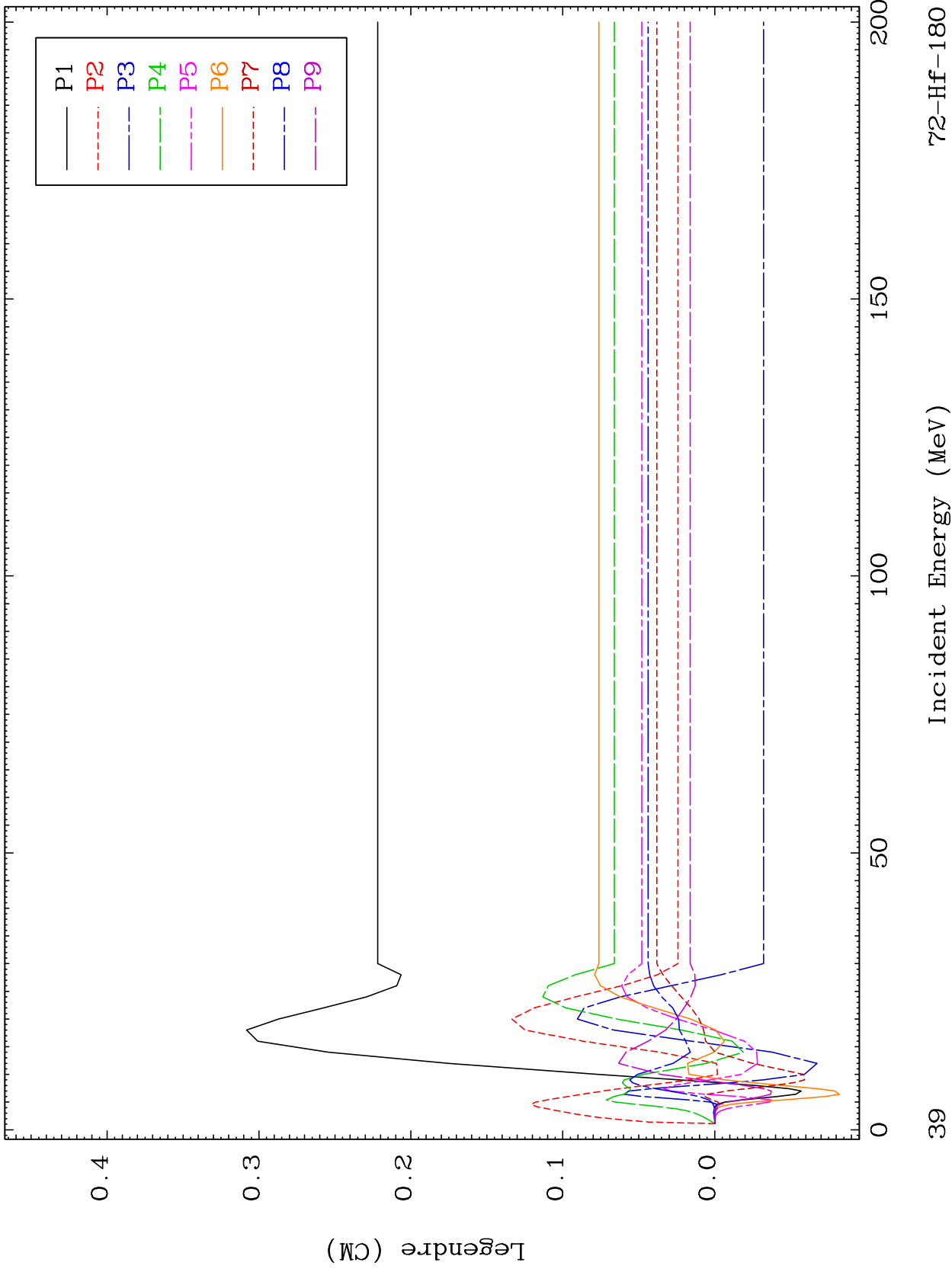




MAT 7243

1.107 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



39

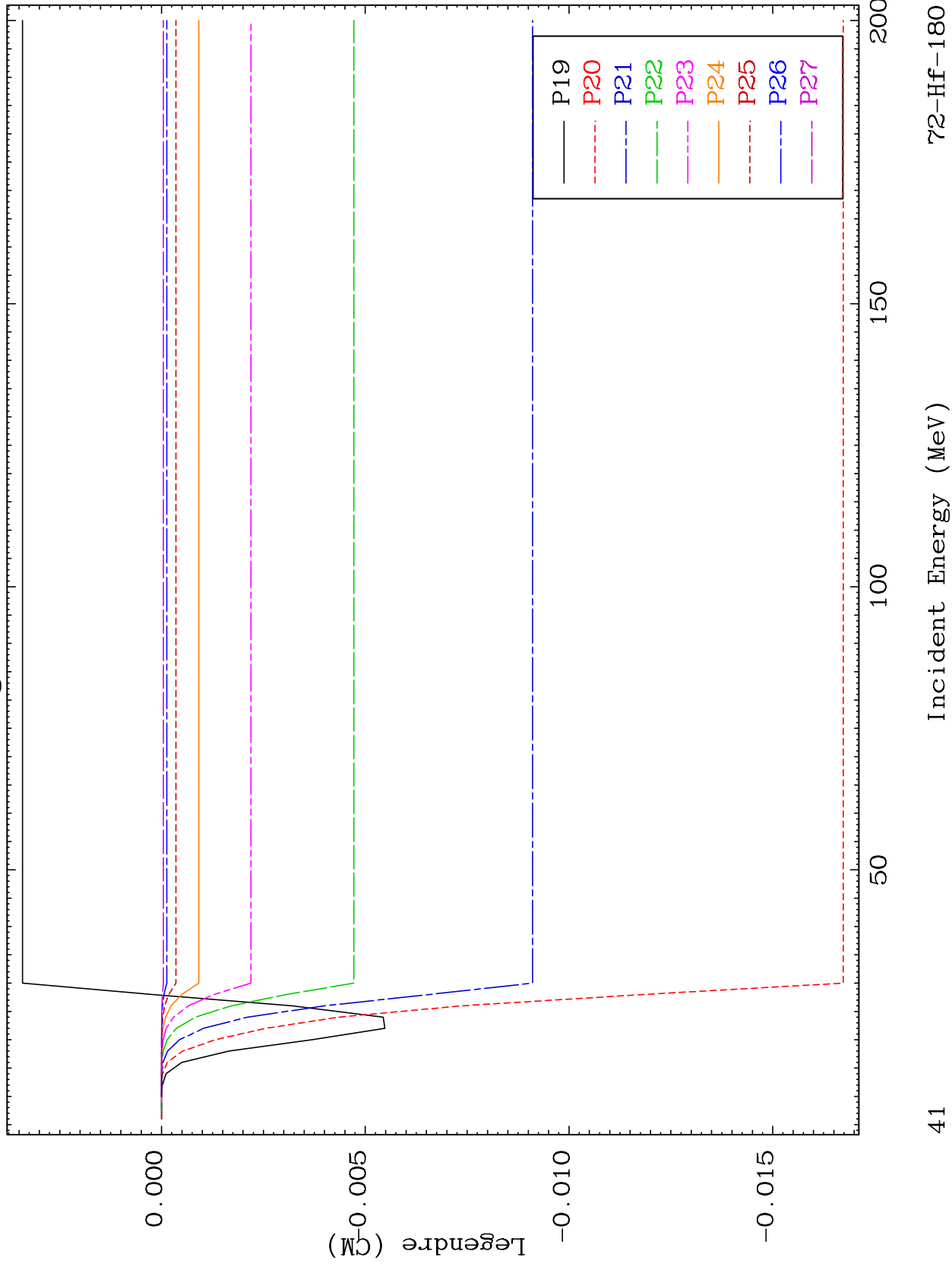
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.107 MeV (n,n') Level
Legendre Coefficients

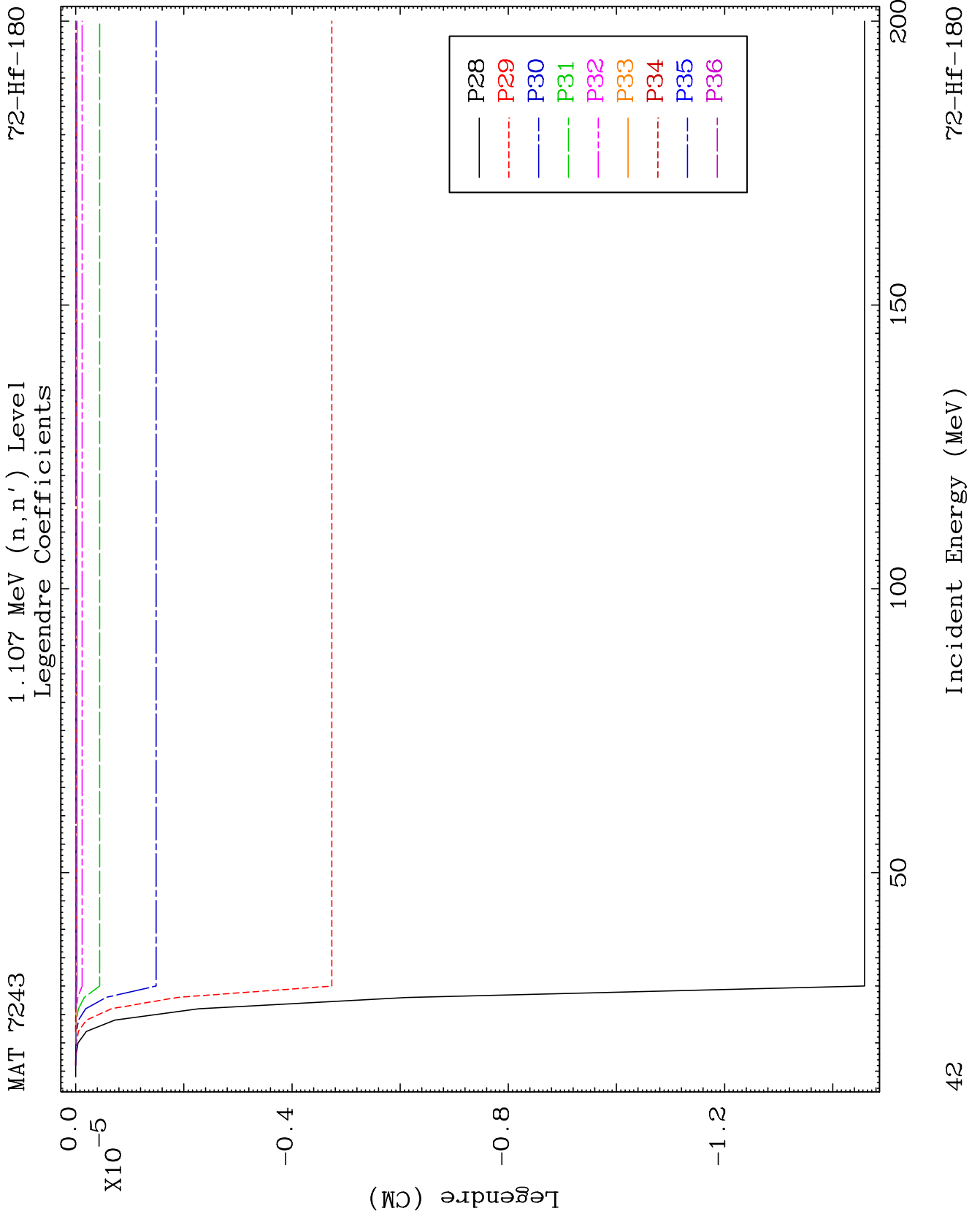
72-Hf-180



41

Incident Energy (MeV)

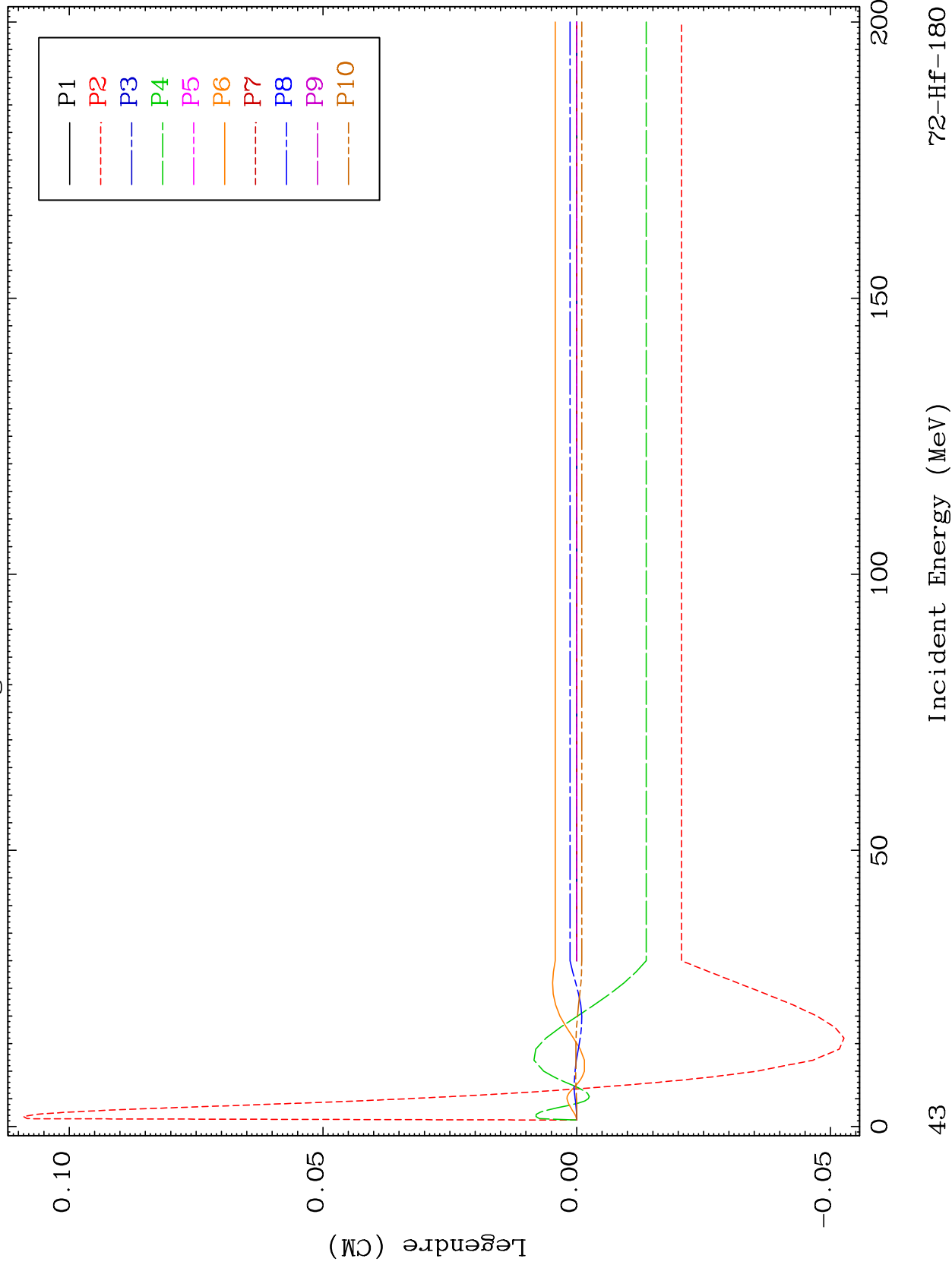
72-Hf-180



MAT 7243

1.141 MeV (n,n') Level
Legendre Coefficients

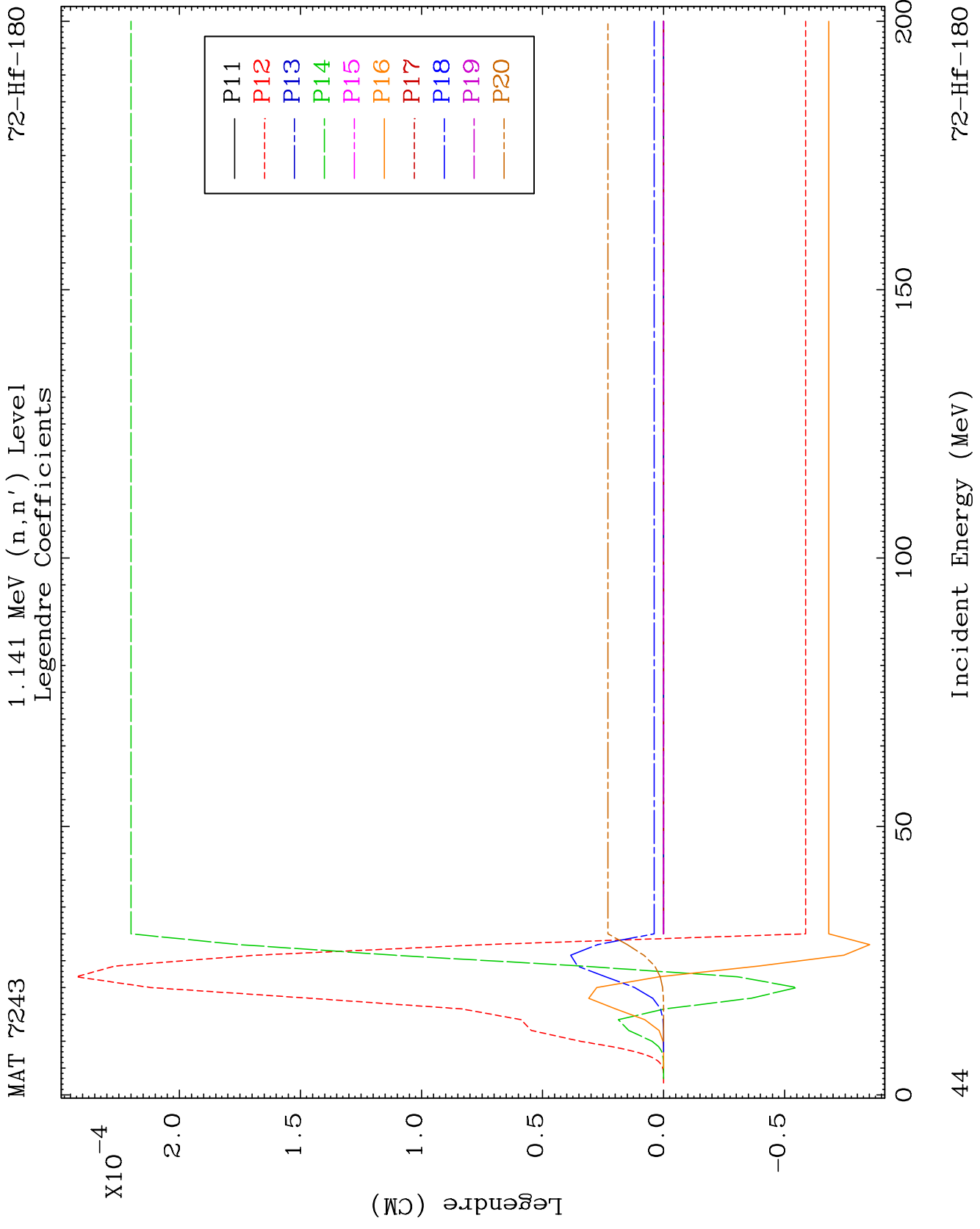
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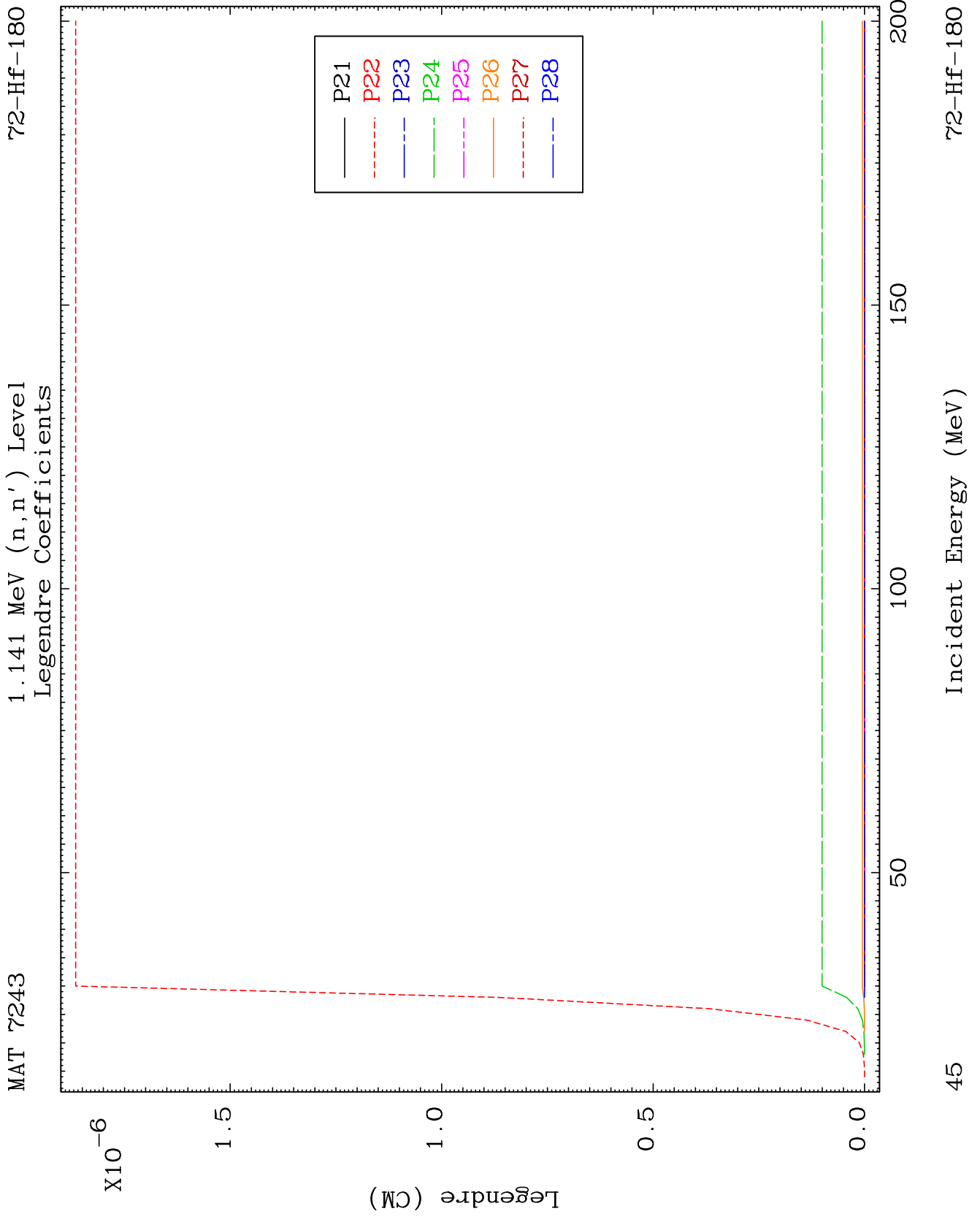


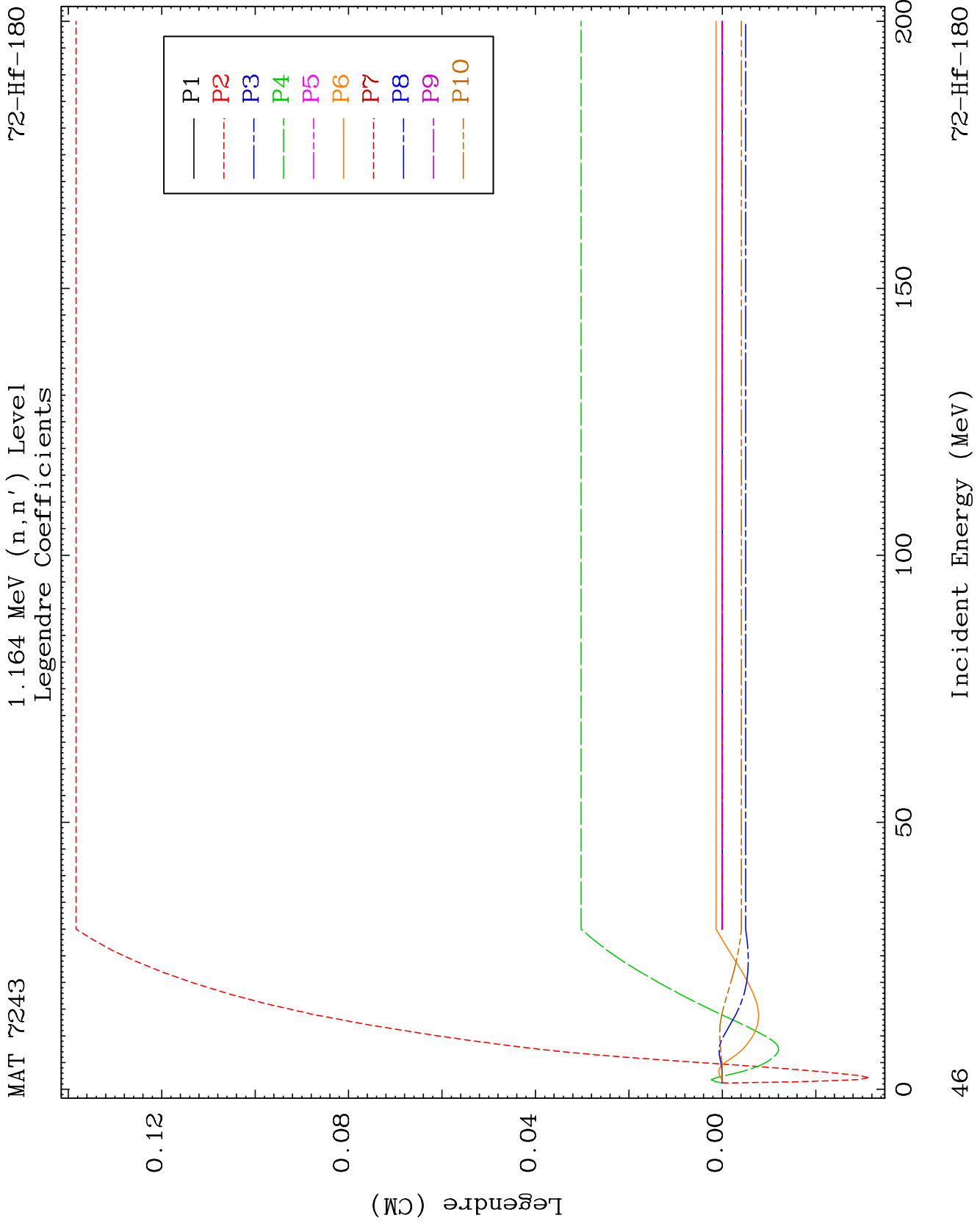
72-Hf-180

Incident Energy (MeV)

43



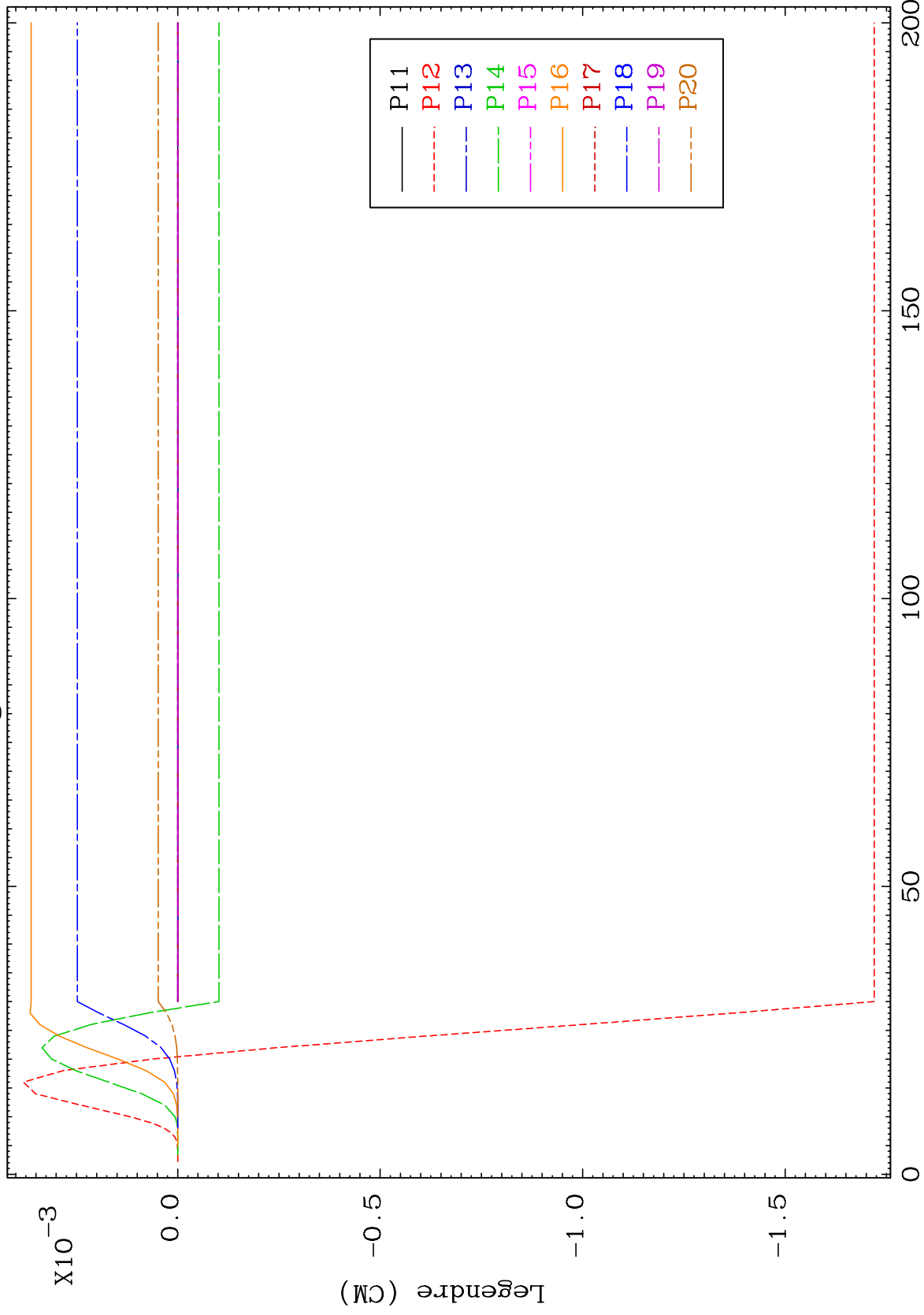


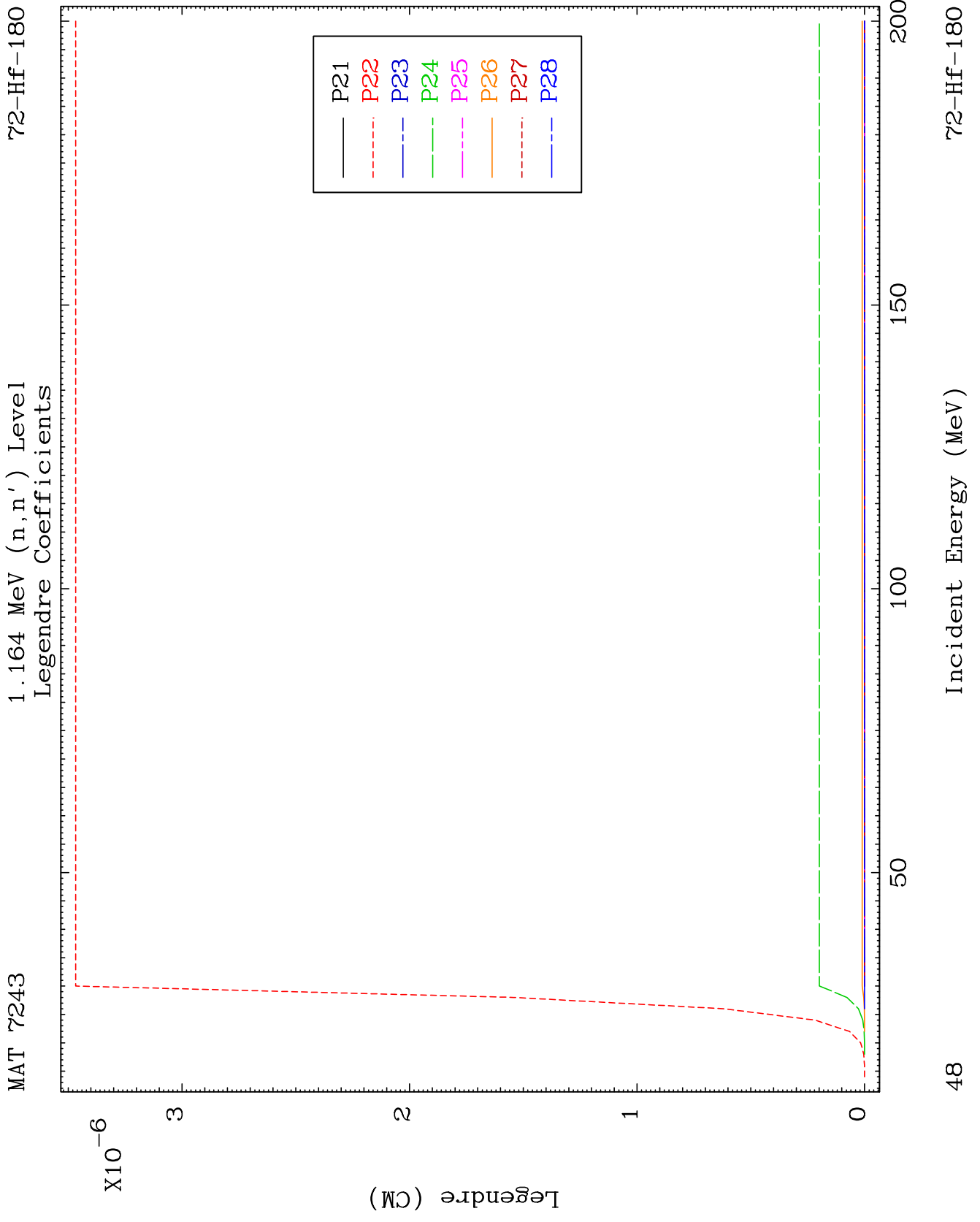


MAT 7243

1.164 MeV (n,n') Level
Legendre Coefficients

72-Hf-180

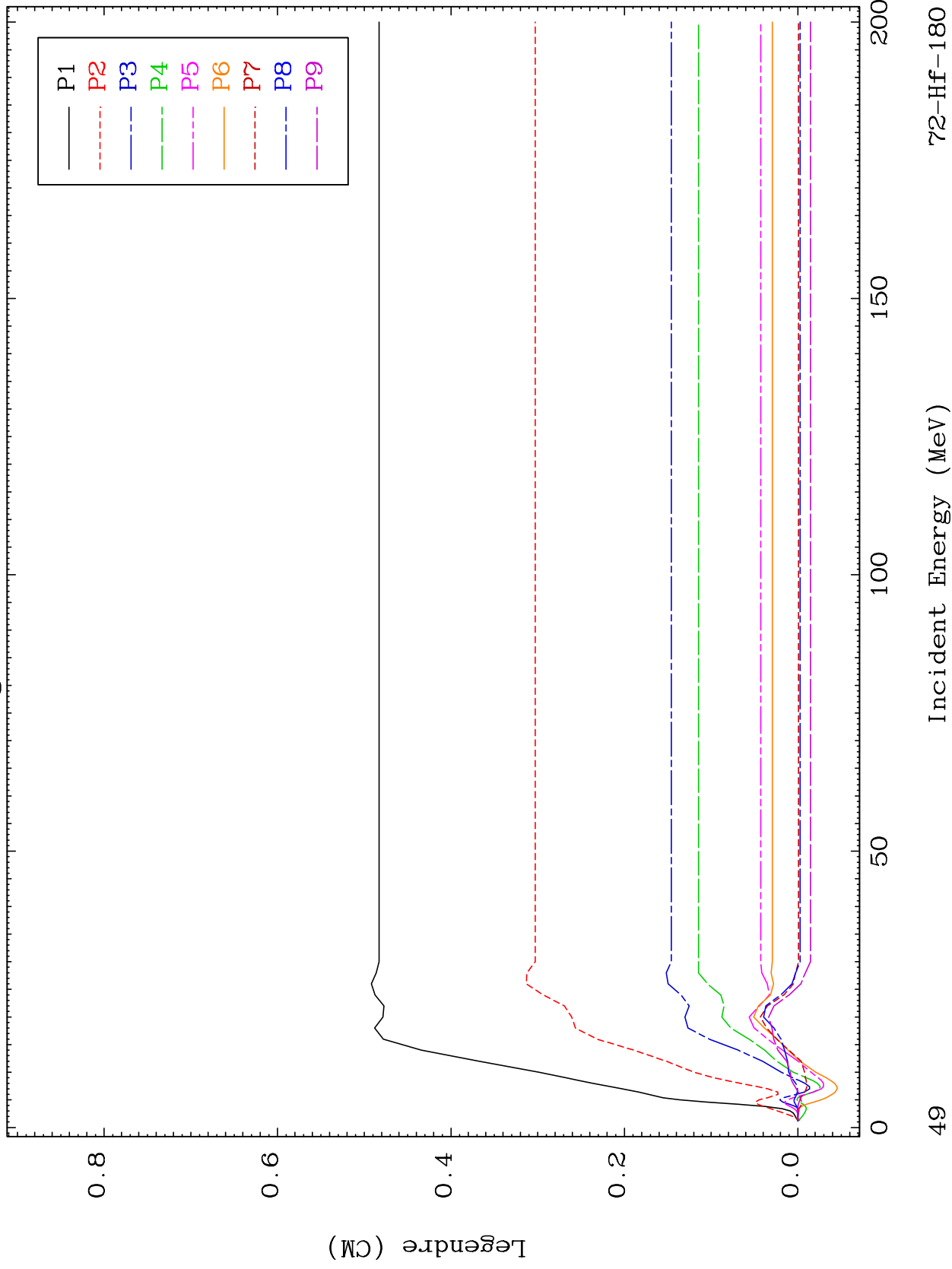


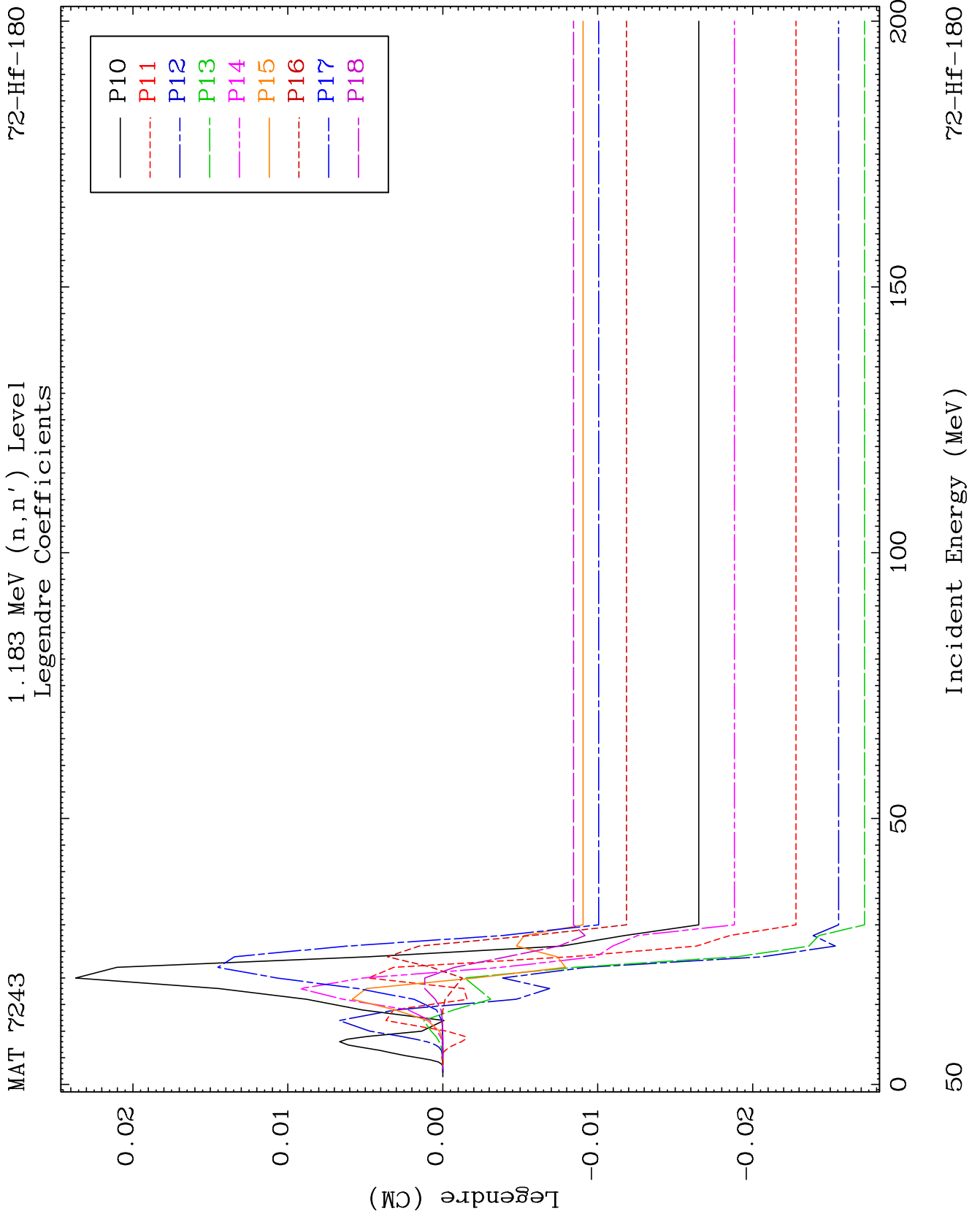


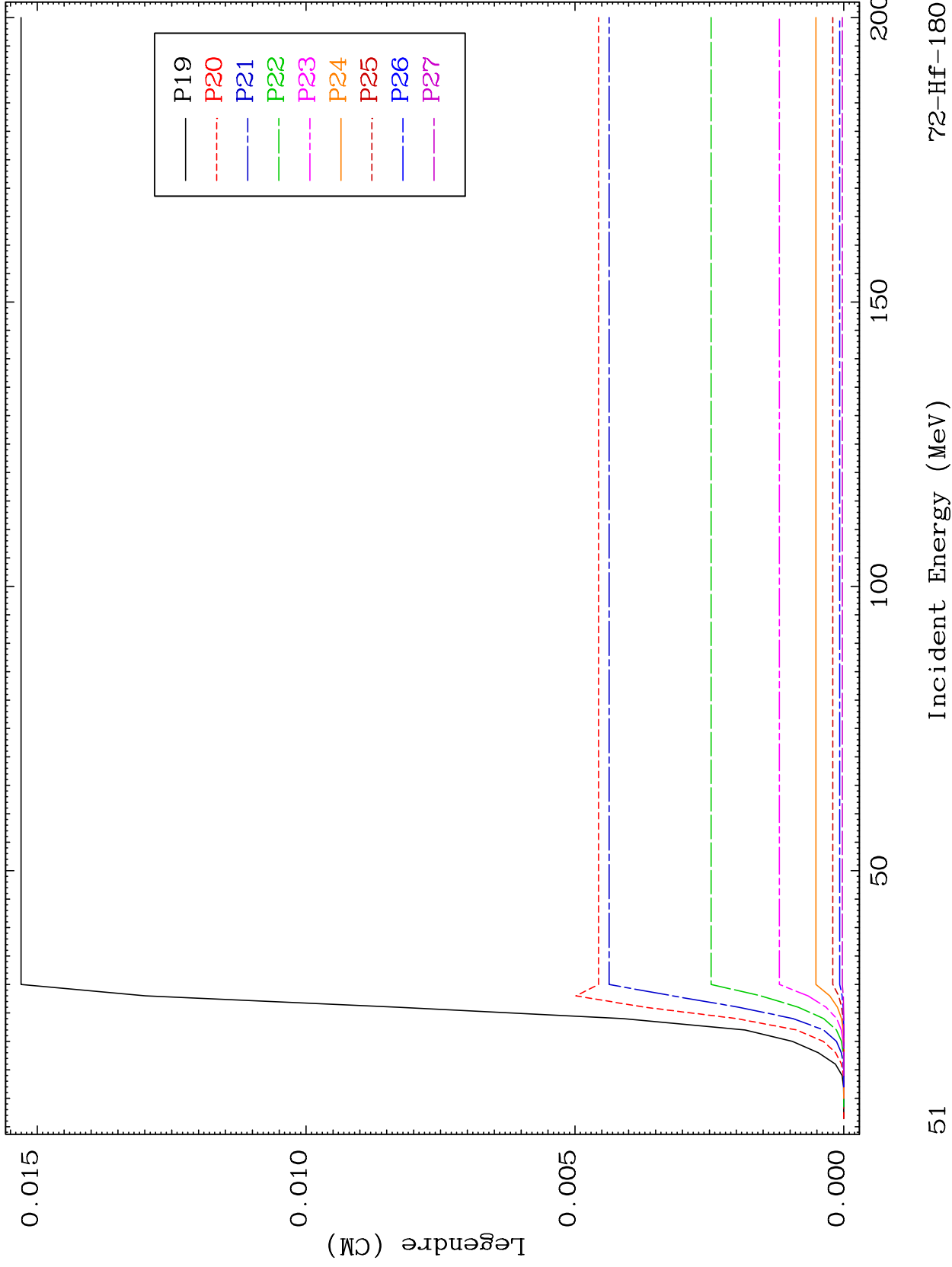
MAT 7243

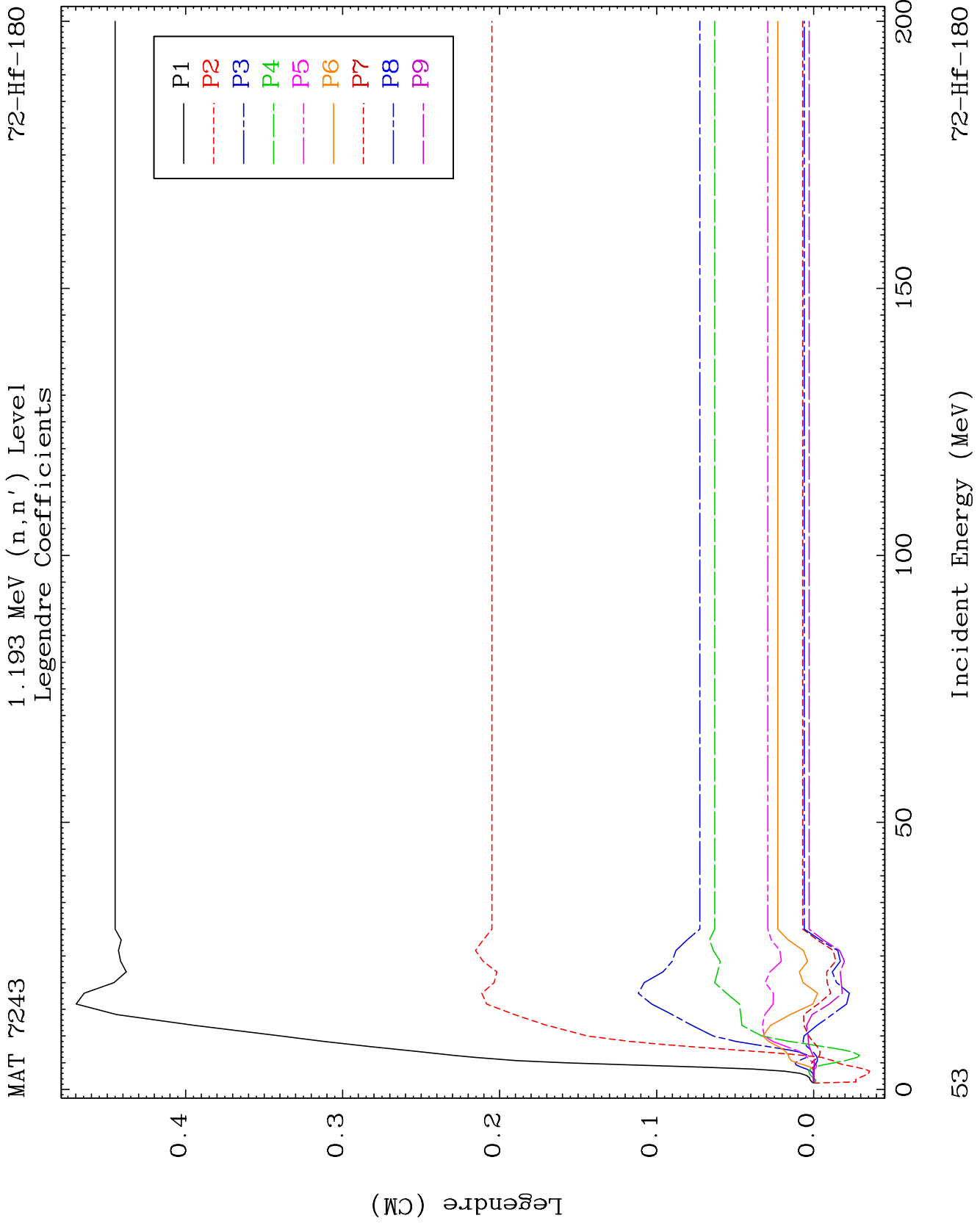
1.183 MeV (n,n') Level
Legendre Coefficients

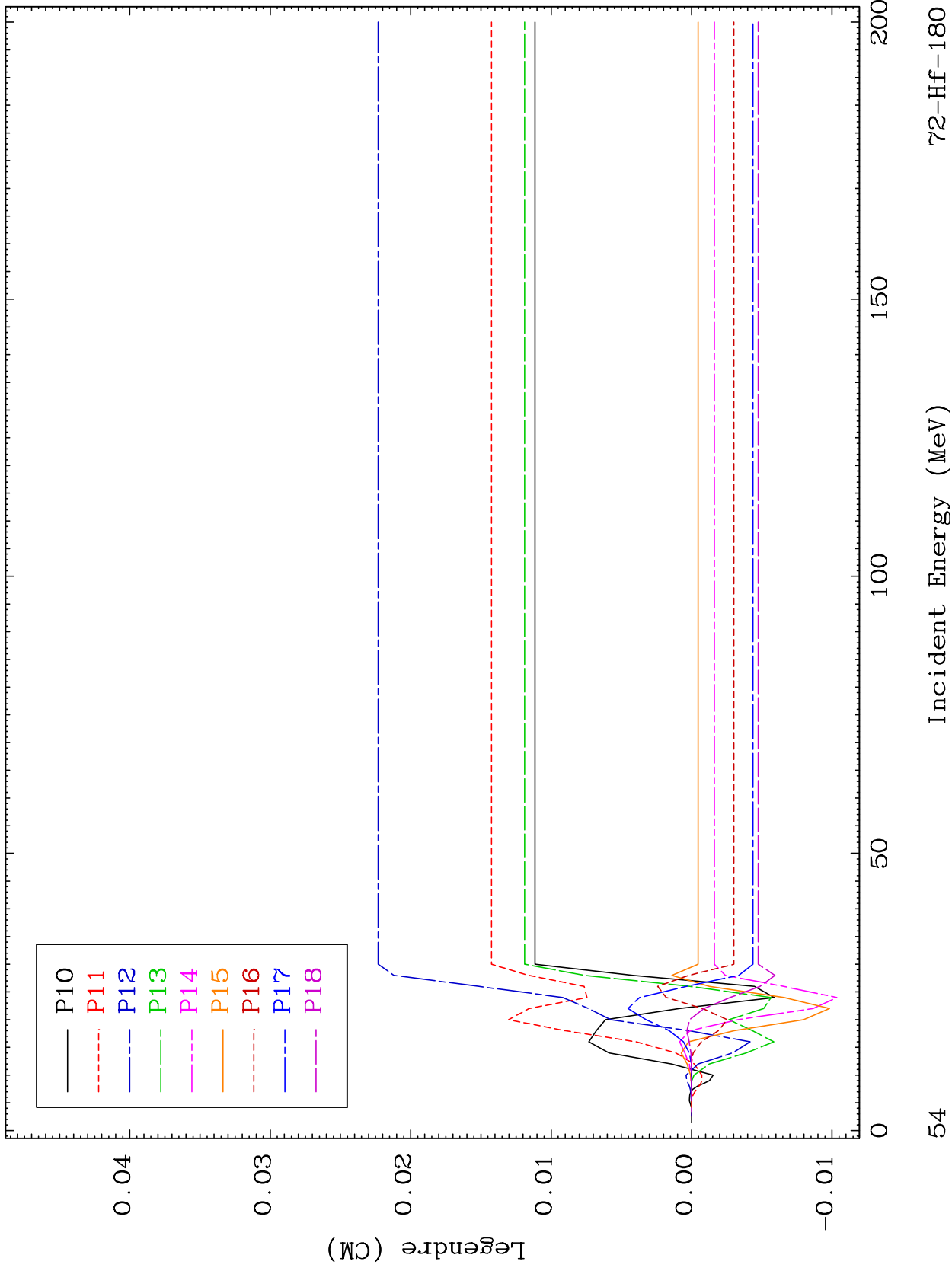
72-Hf-180

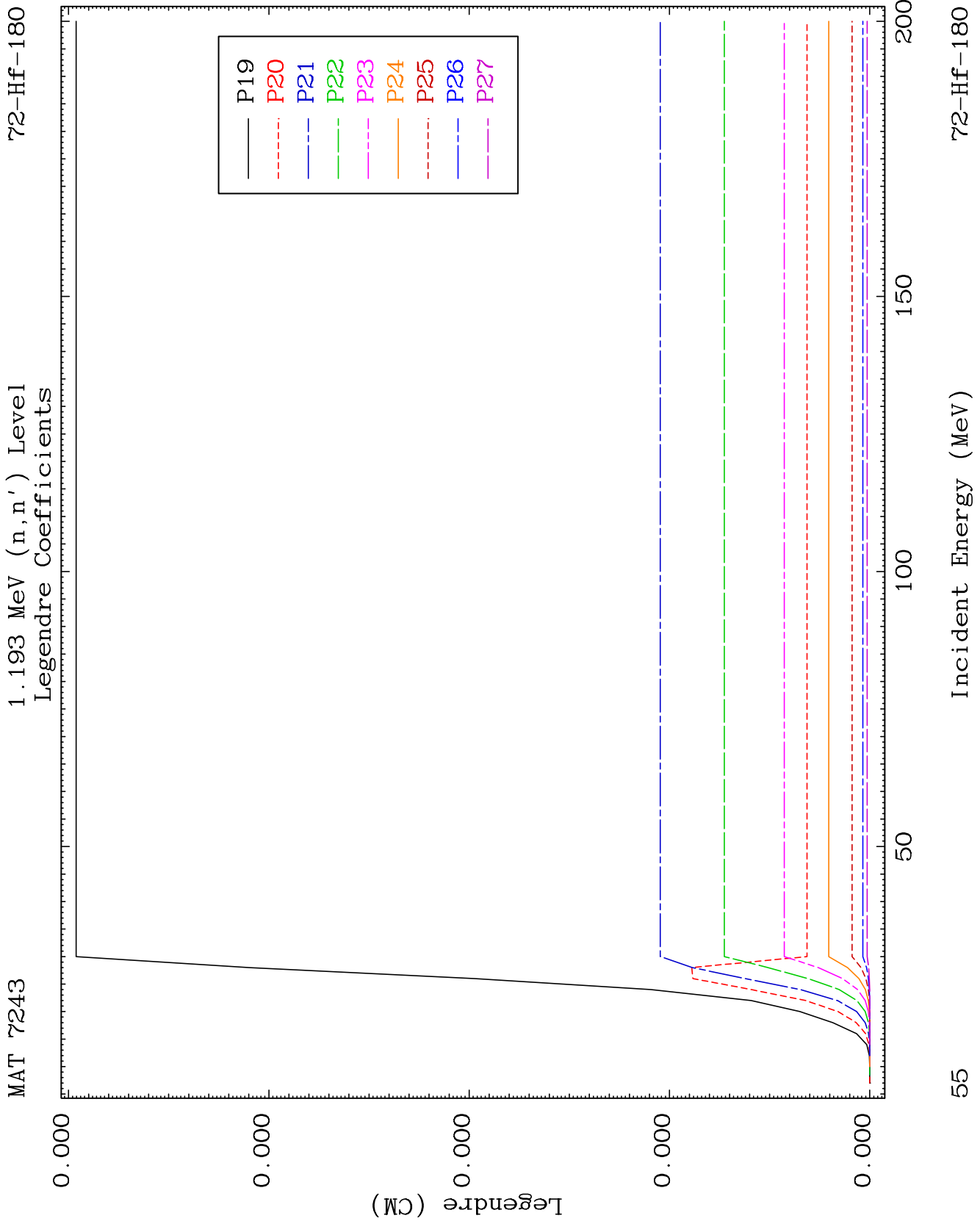








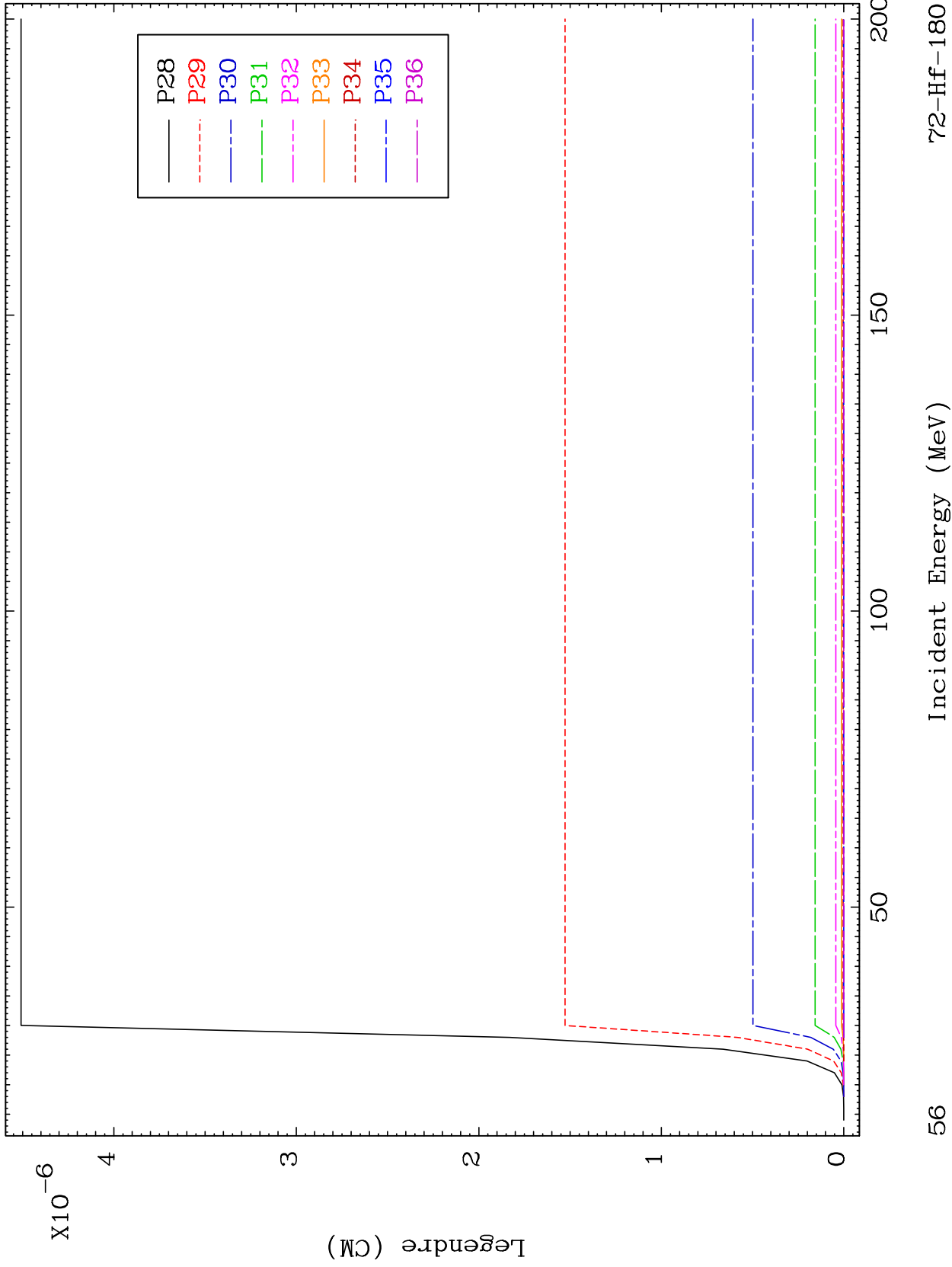




MAT 7243

1.193 MeV (n,n') Level
Legendre Coefficients

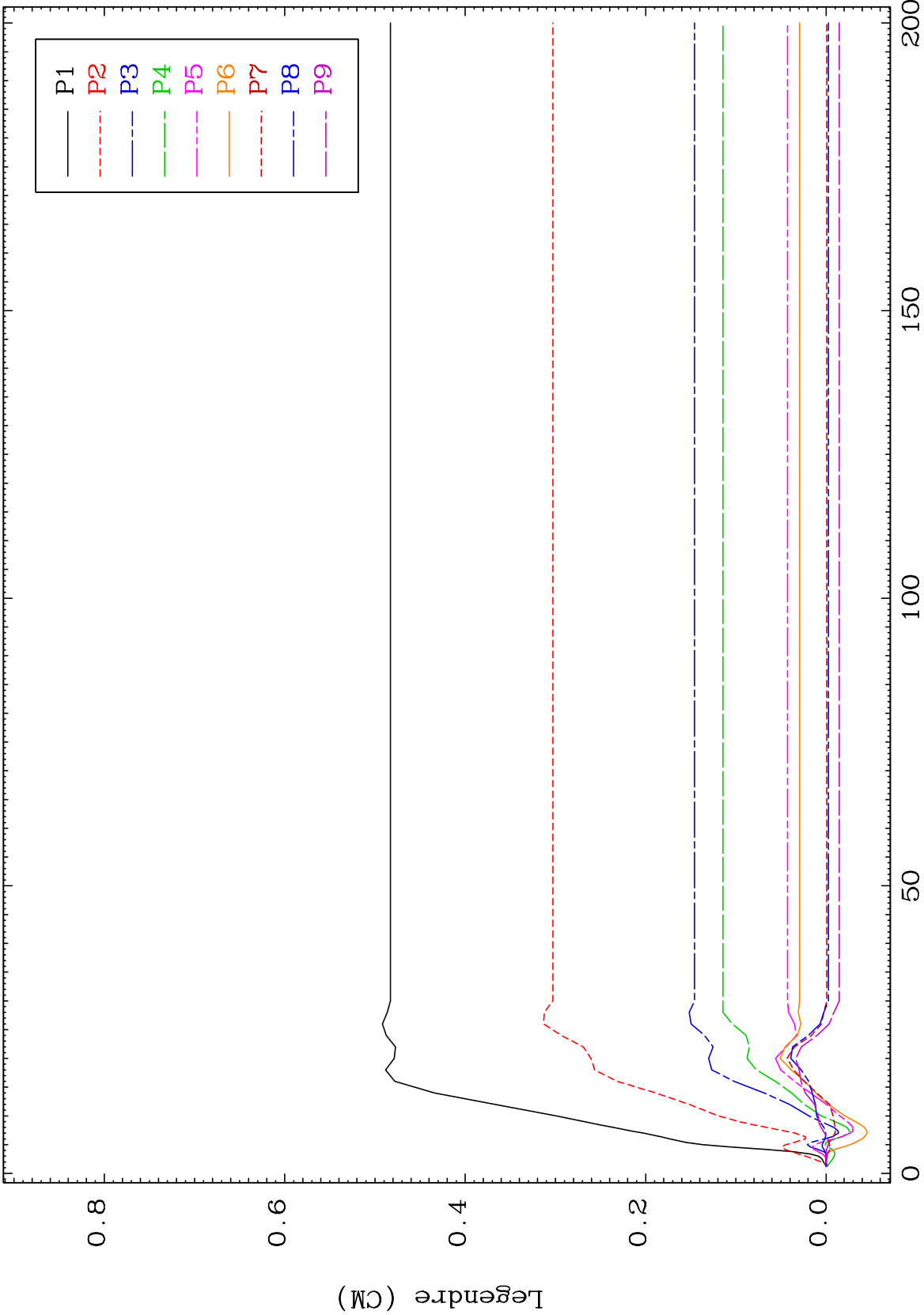
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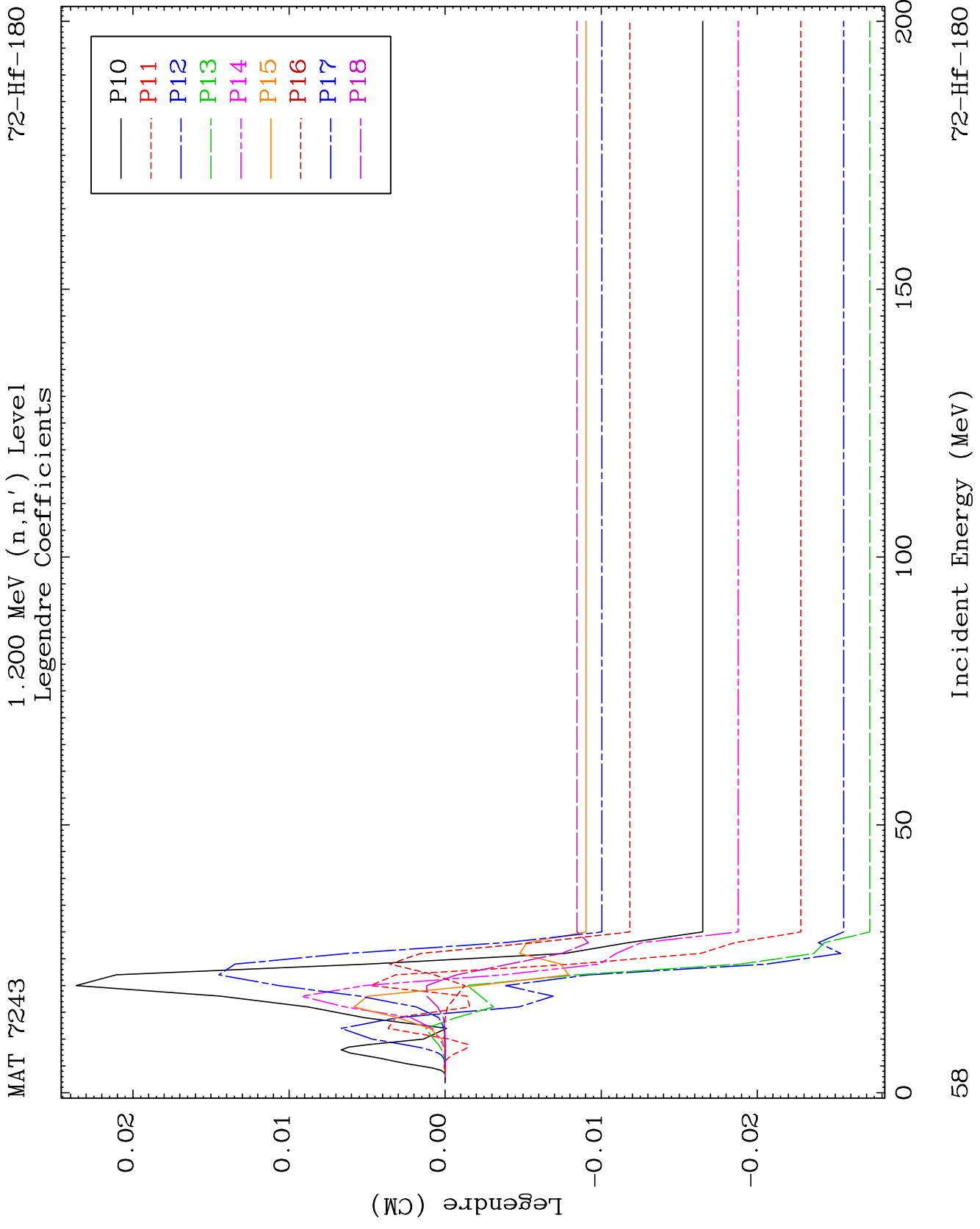


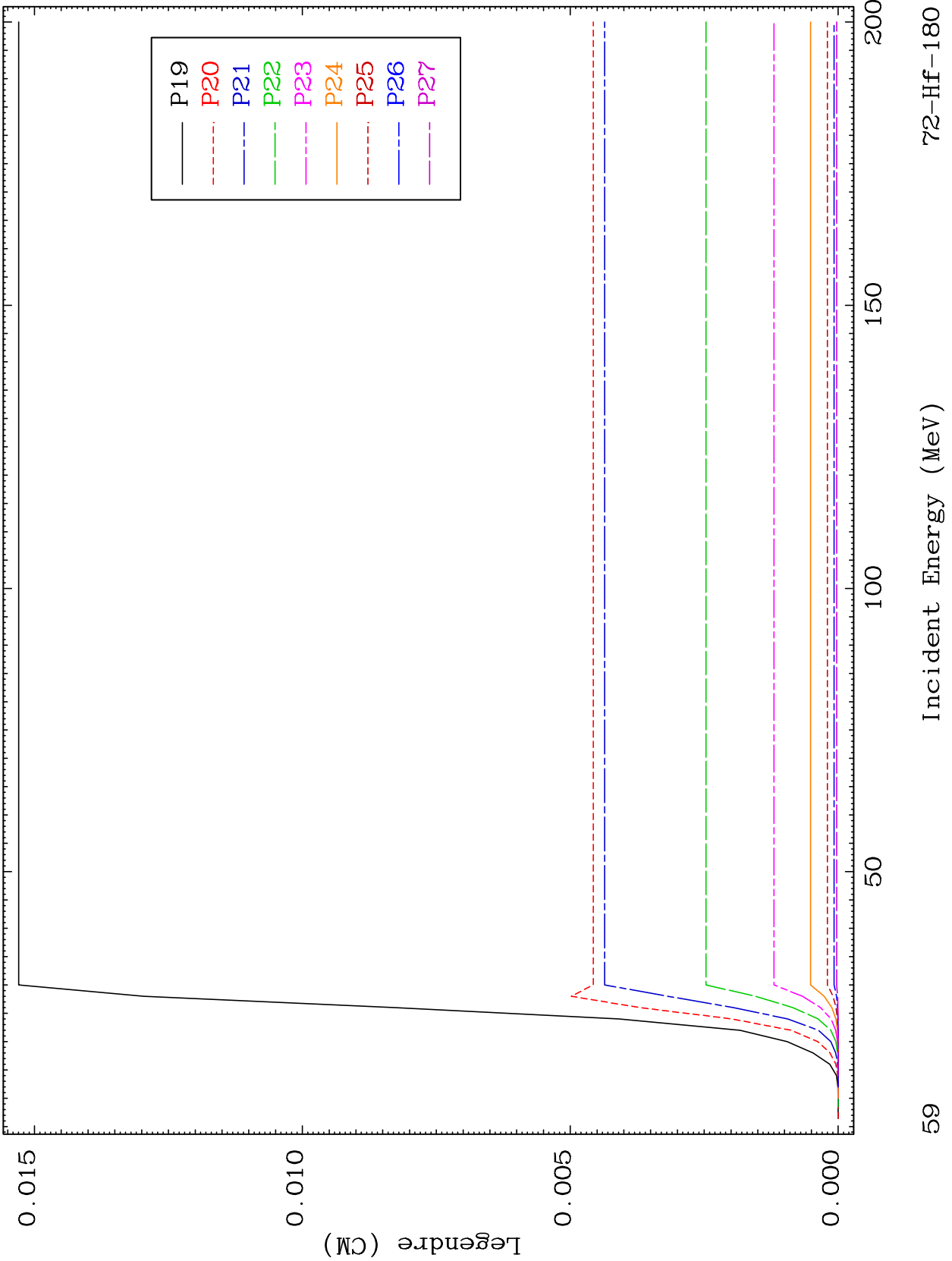
56

Incident Energy (MeV)

72-Hf-180



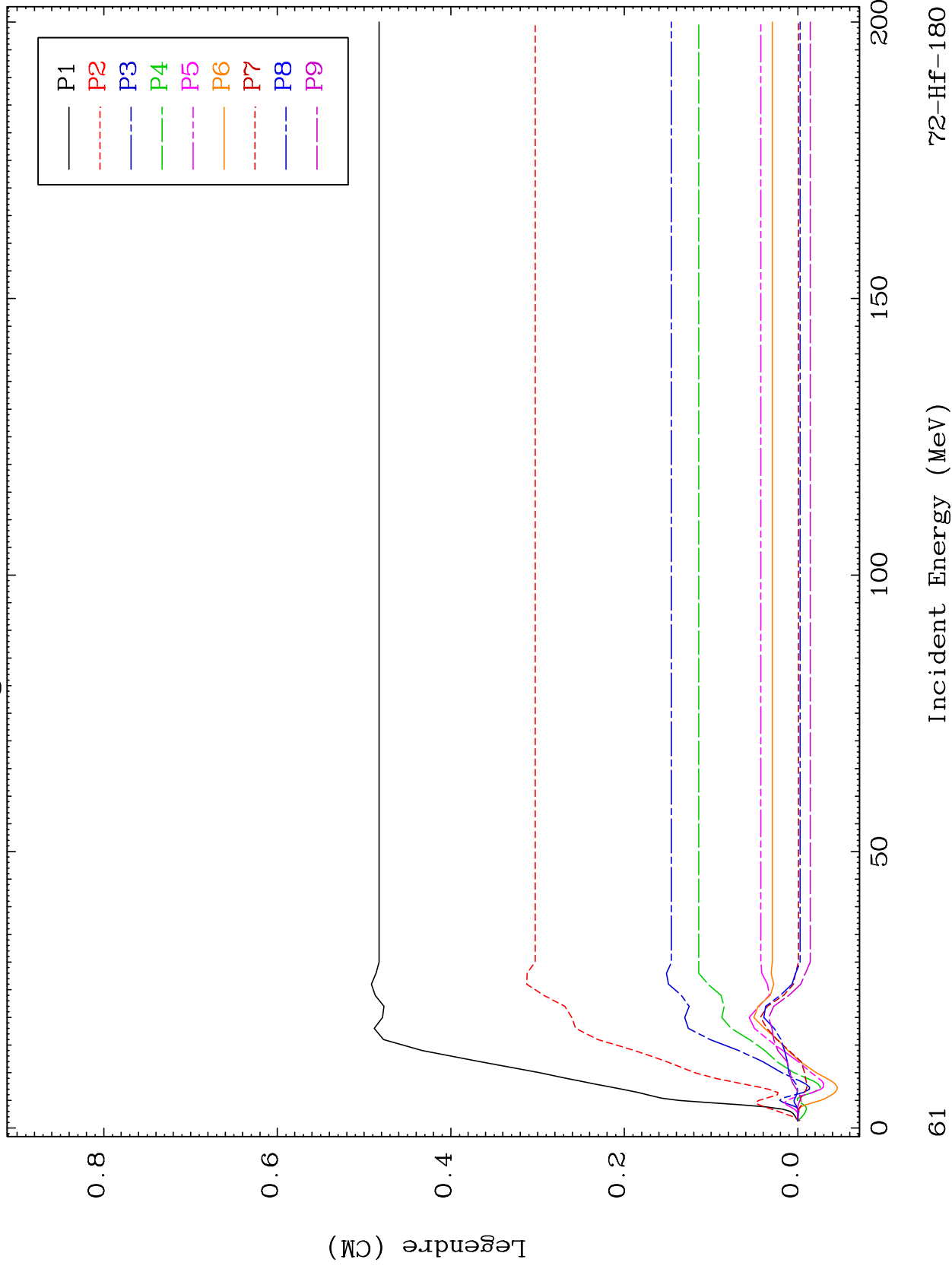




MAT 7243

1.260 MeV (n,n') Level
Legendre Coefficients

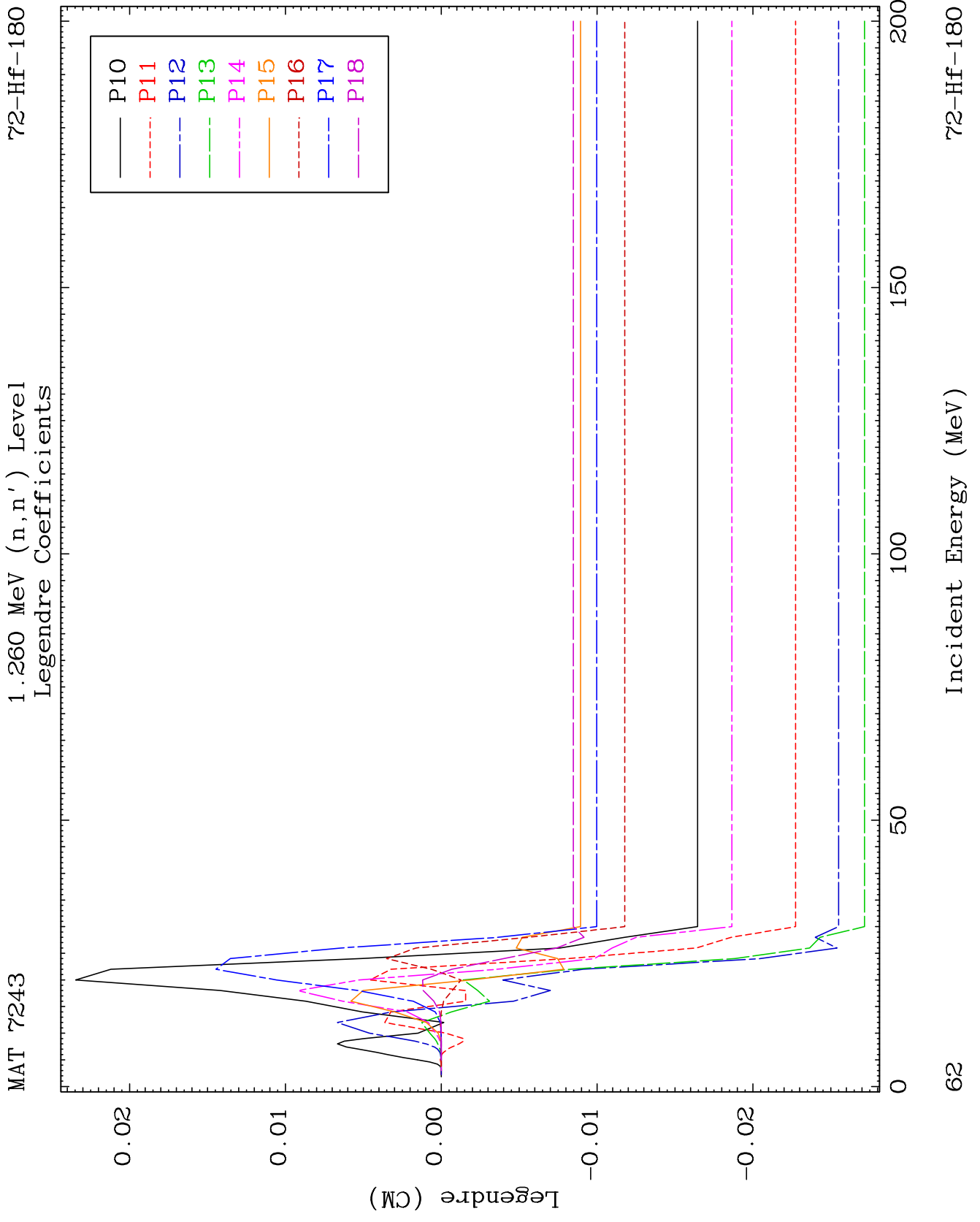
72-Hf-180



72-Hf-180

Incident Energy (MeV)

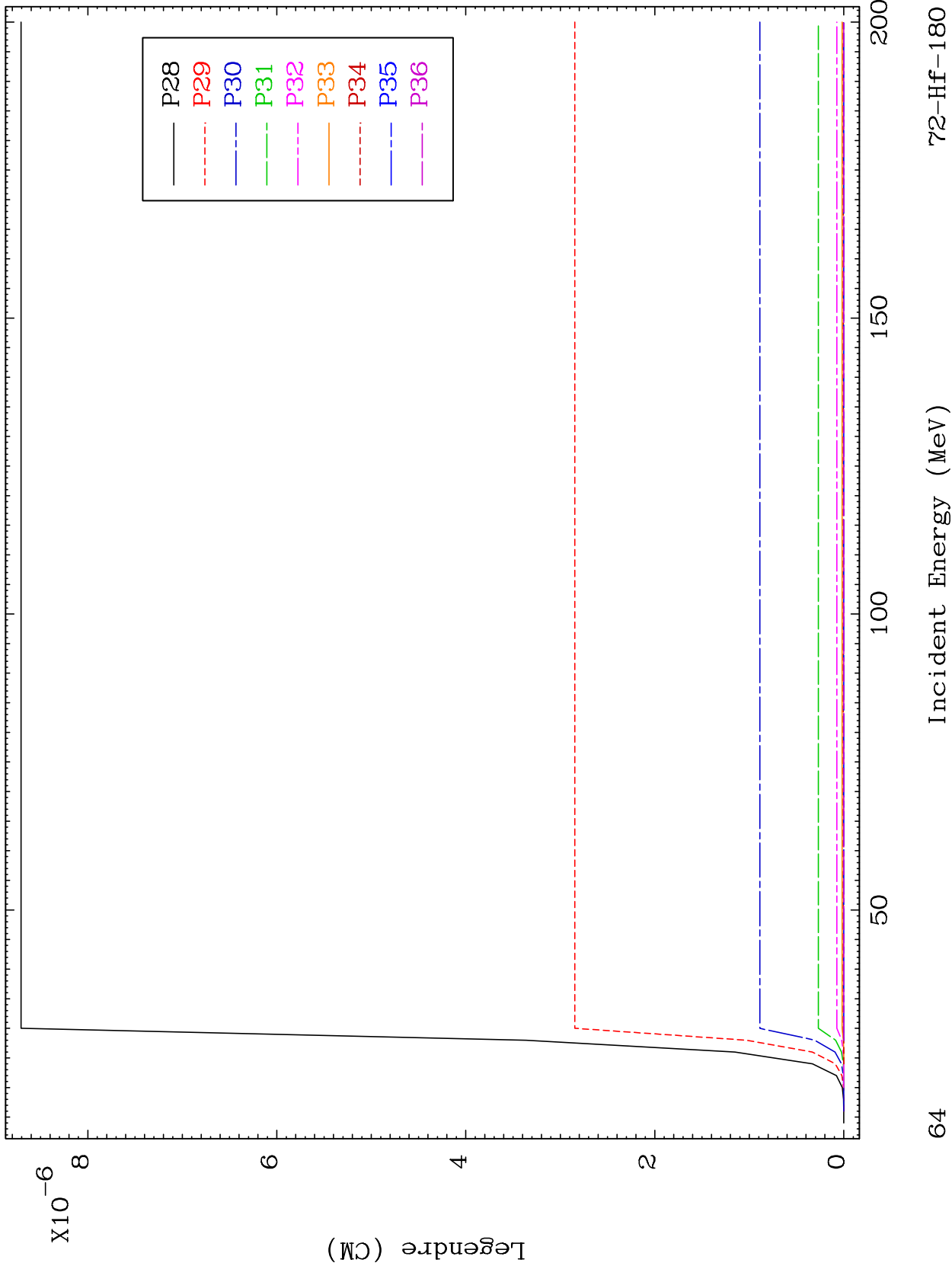
61



MAT 7243

1.260 MeV (n, n') Level
Legendre Coefficients

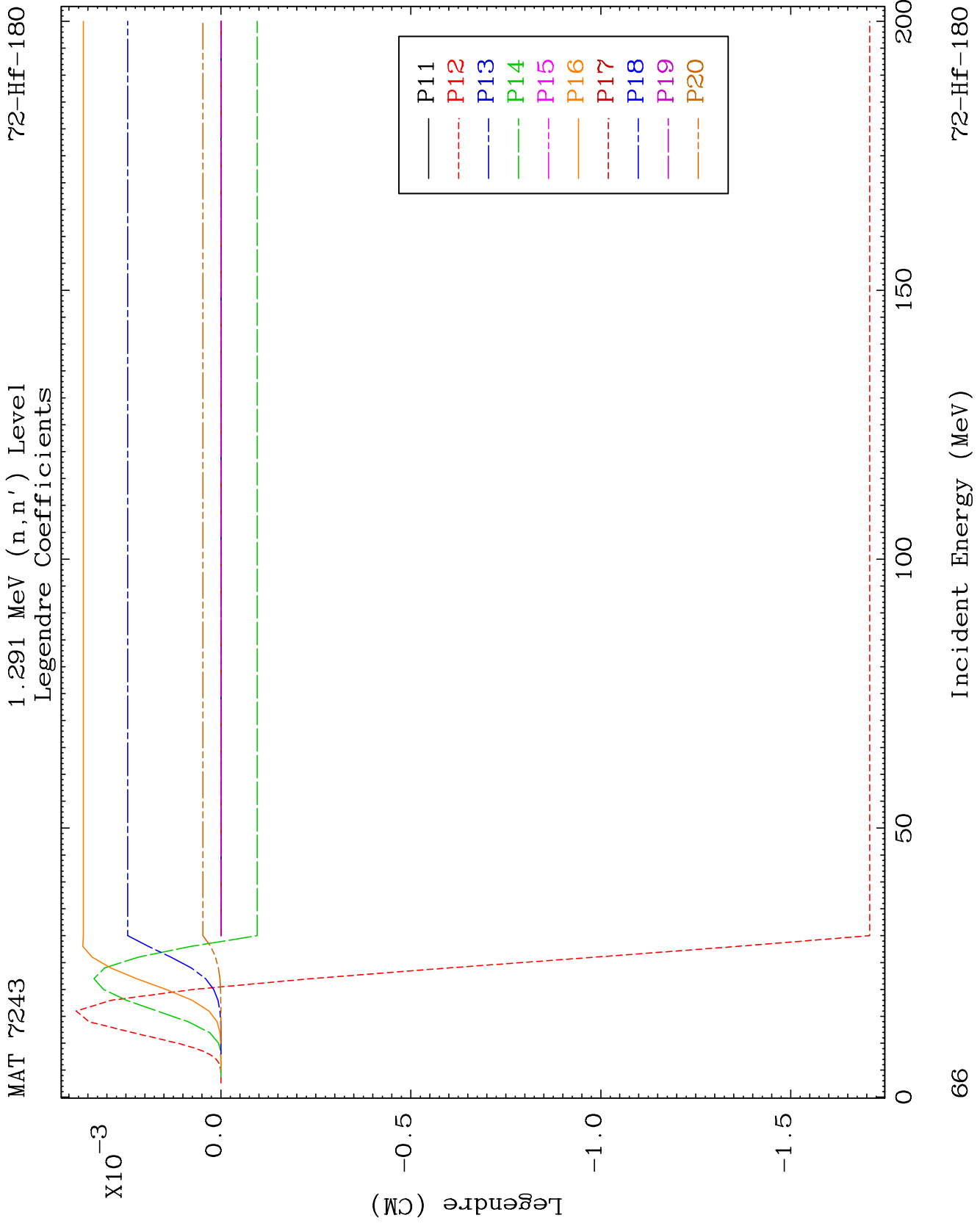
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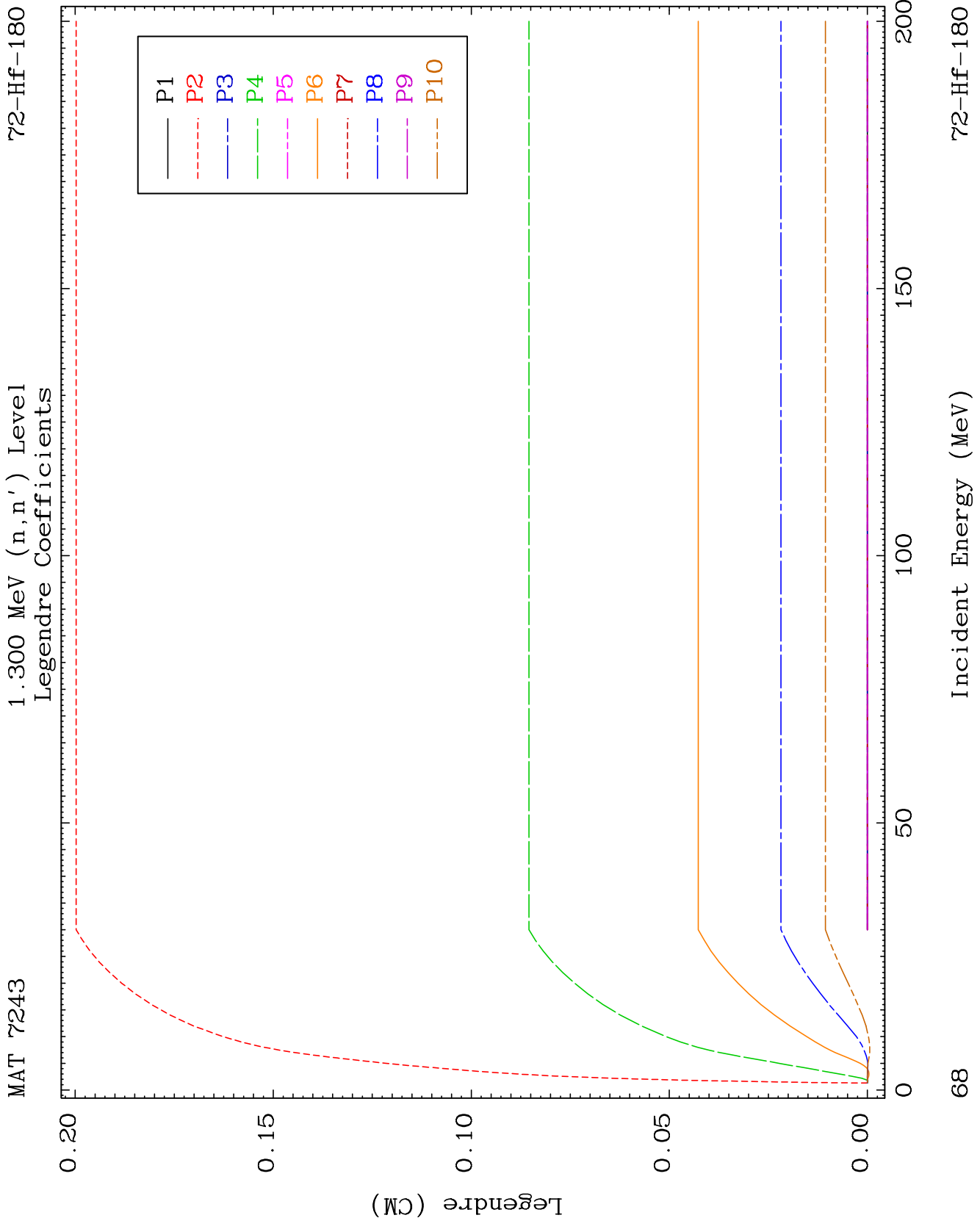


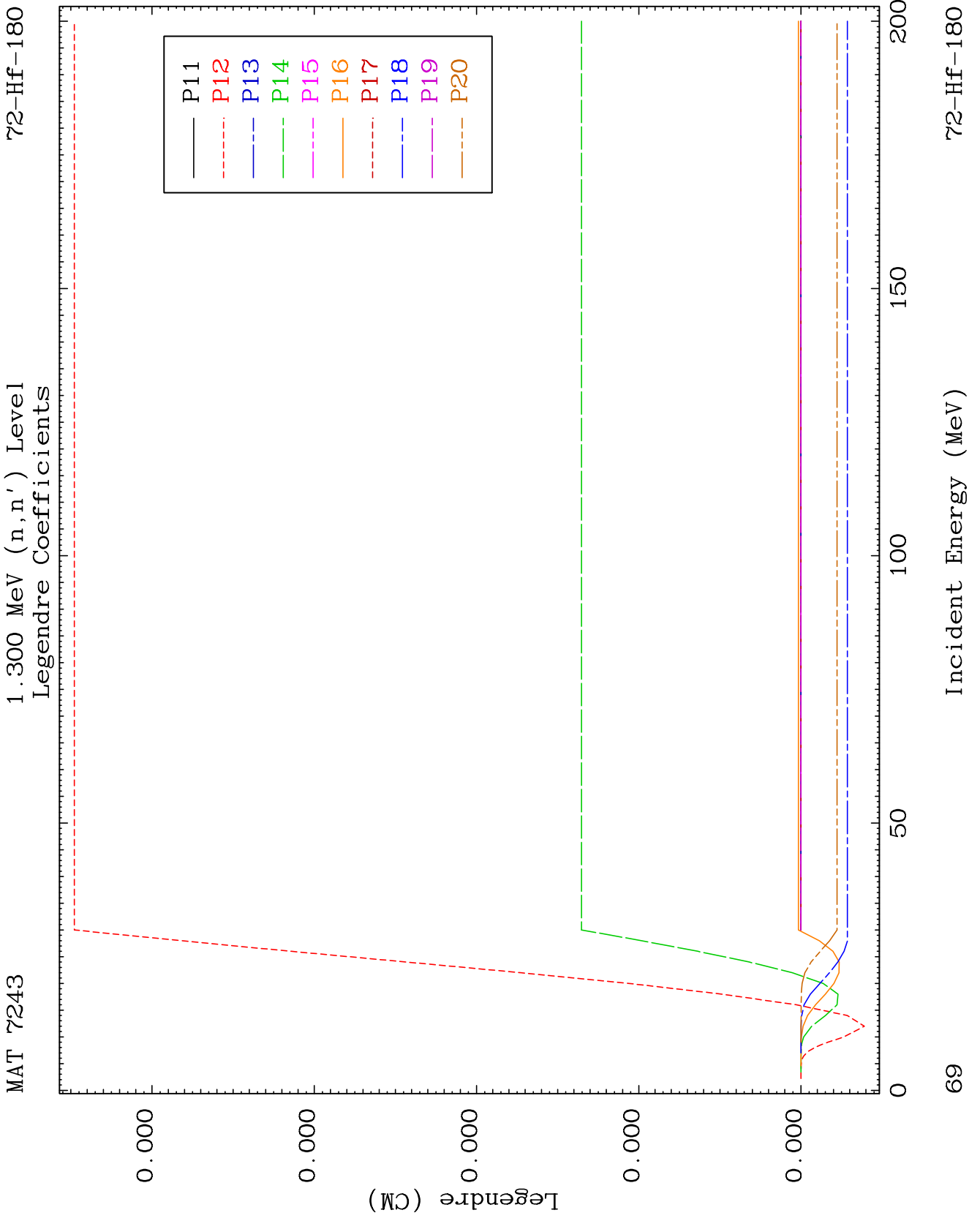
64

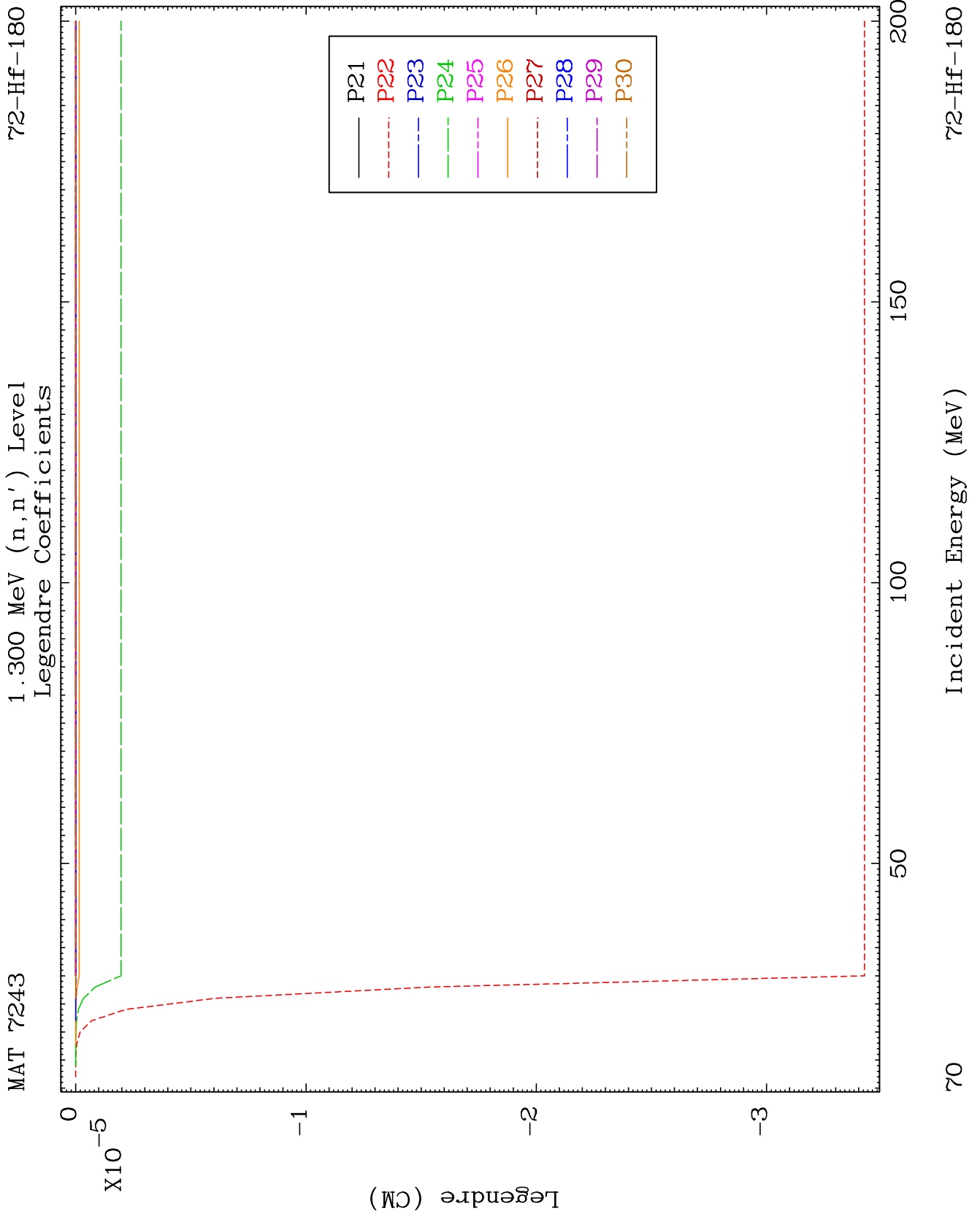
Incident Energy (MeV)

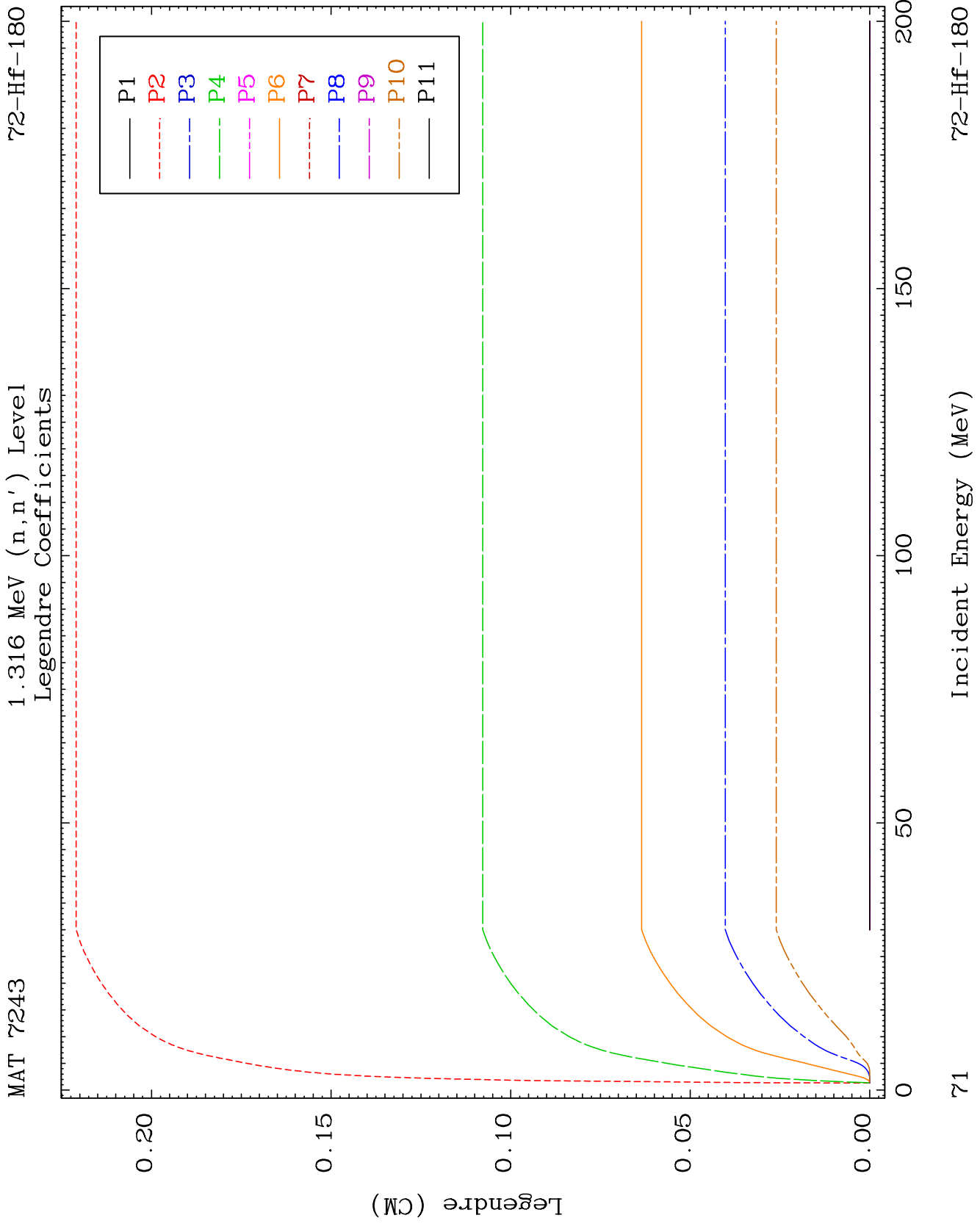
72-Hf-180







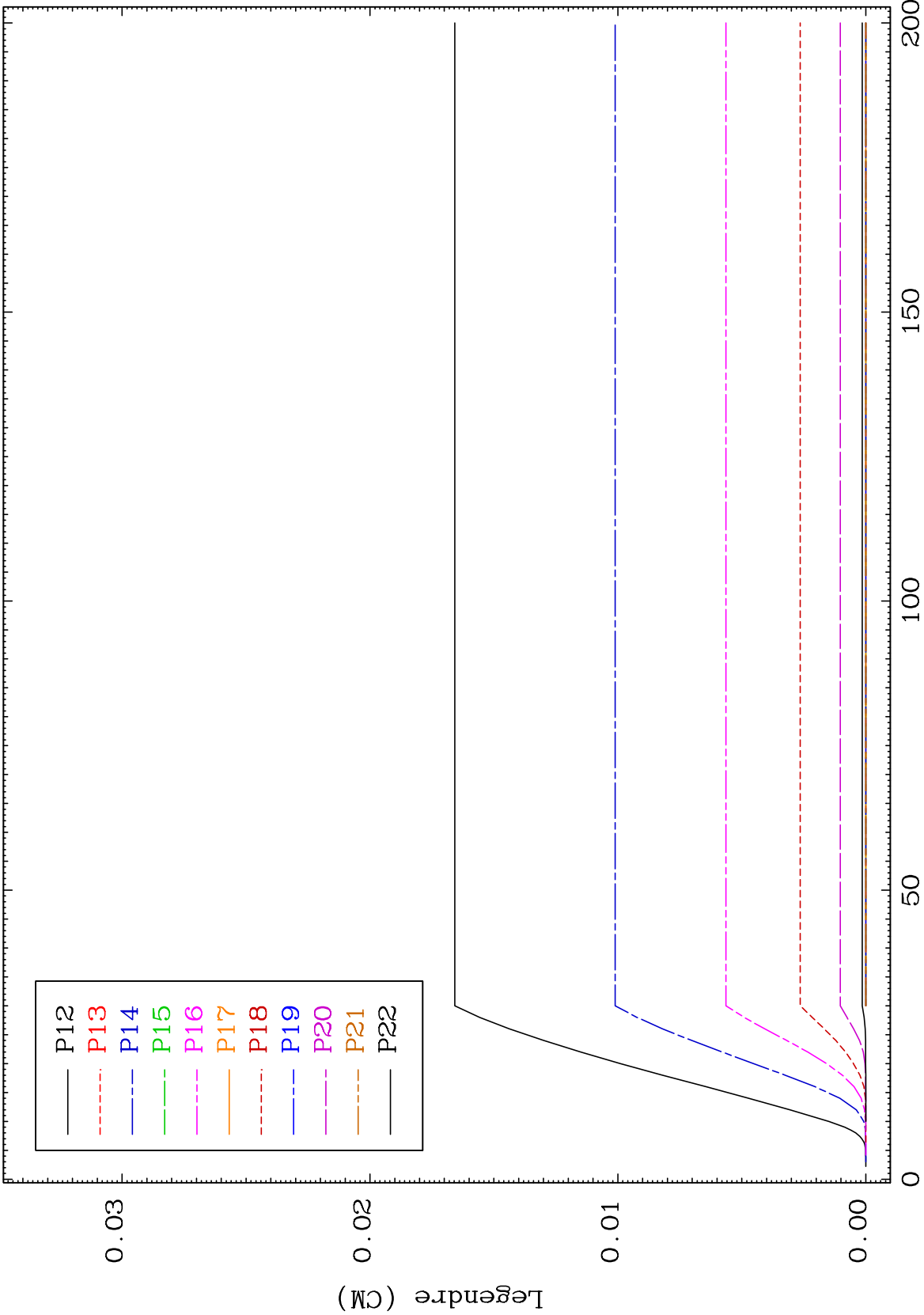




MAT 7243

1.316 MeV (n, n') Level Legendre Coefficients

72-Hf-180



72

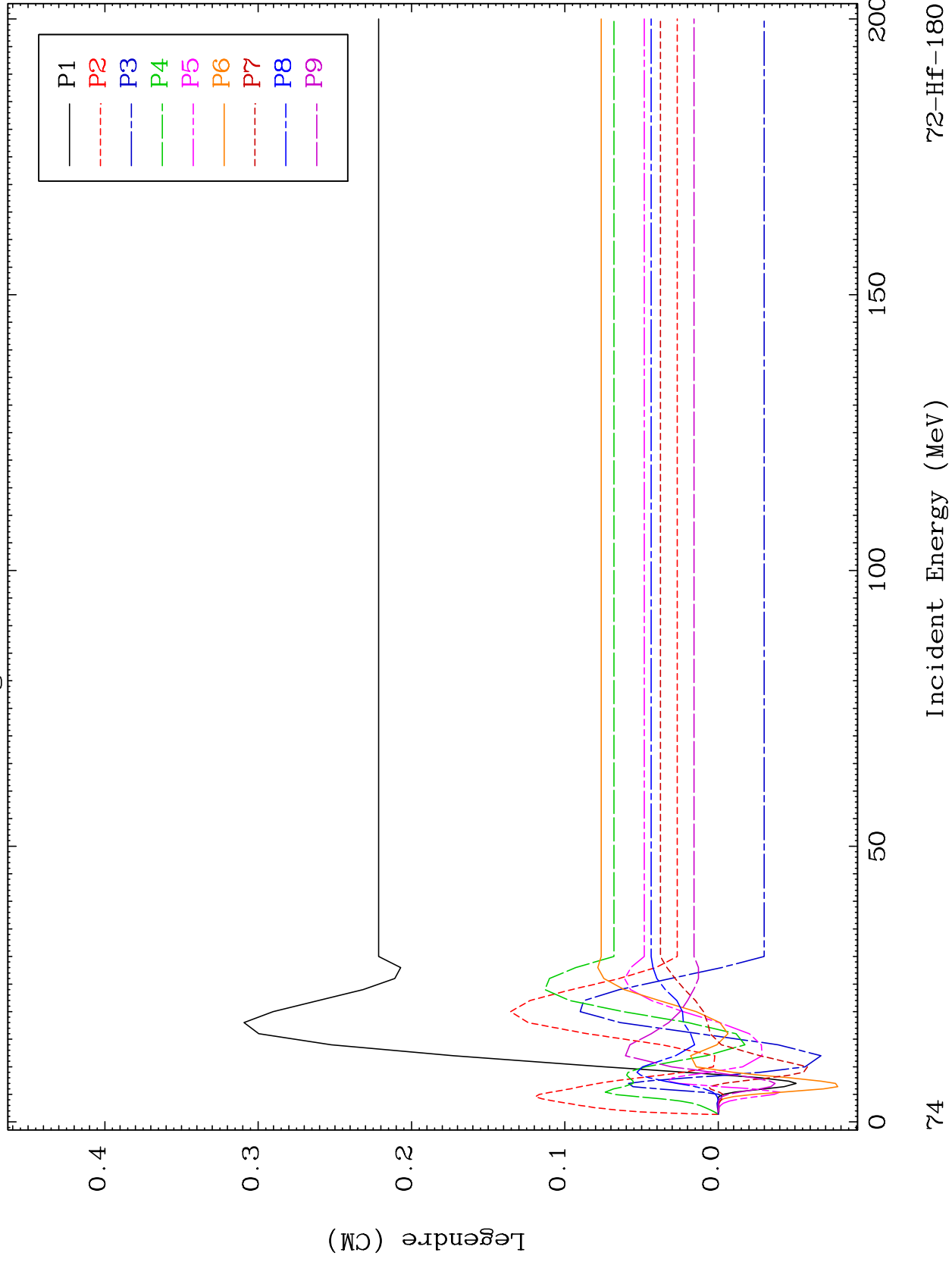
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.354 MeV (n,n') Level
Legendre Coefficients

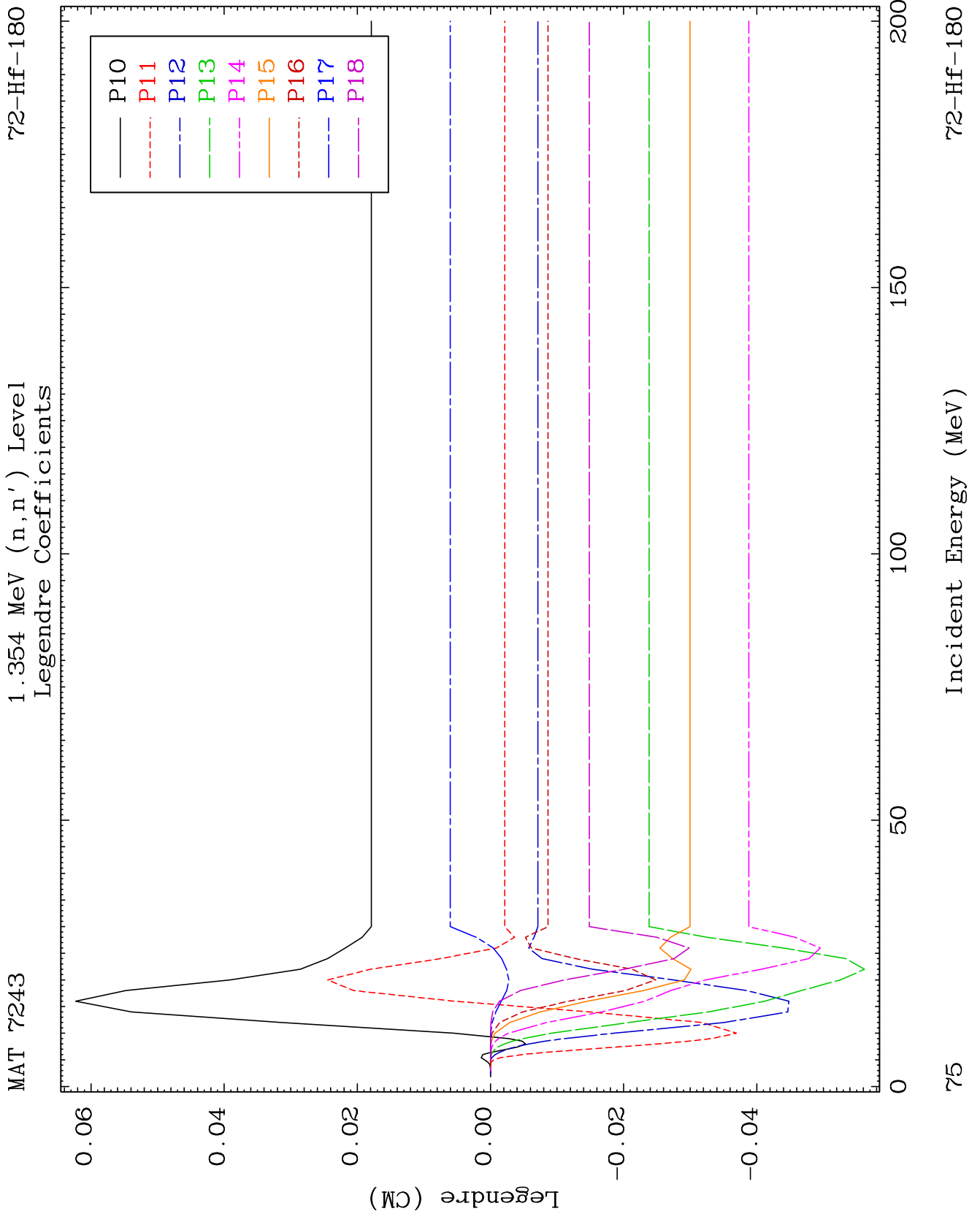
72-Hf-180



72-Hf-180

Incident Energy (MeV)

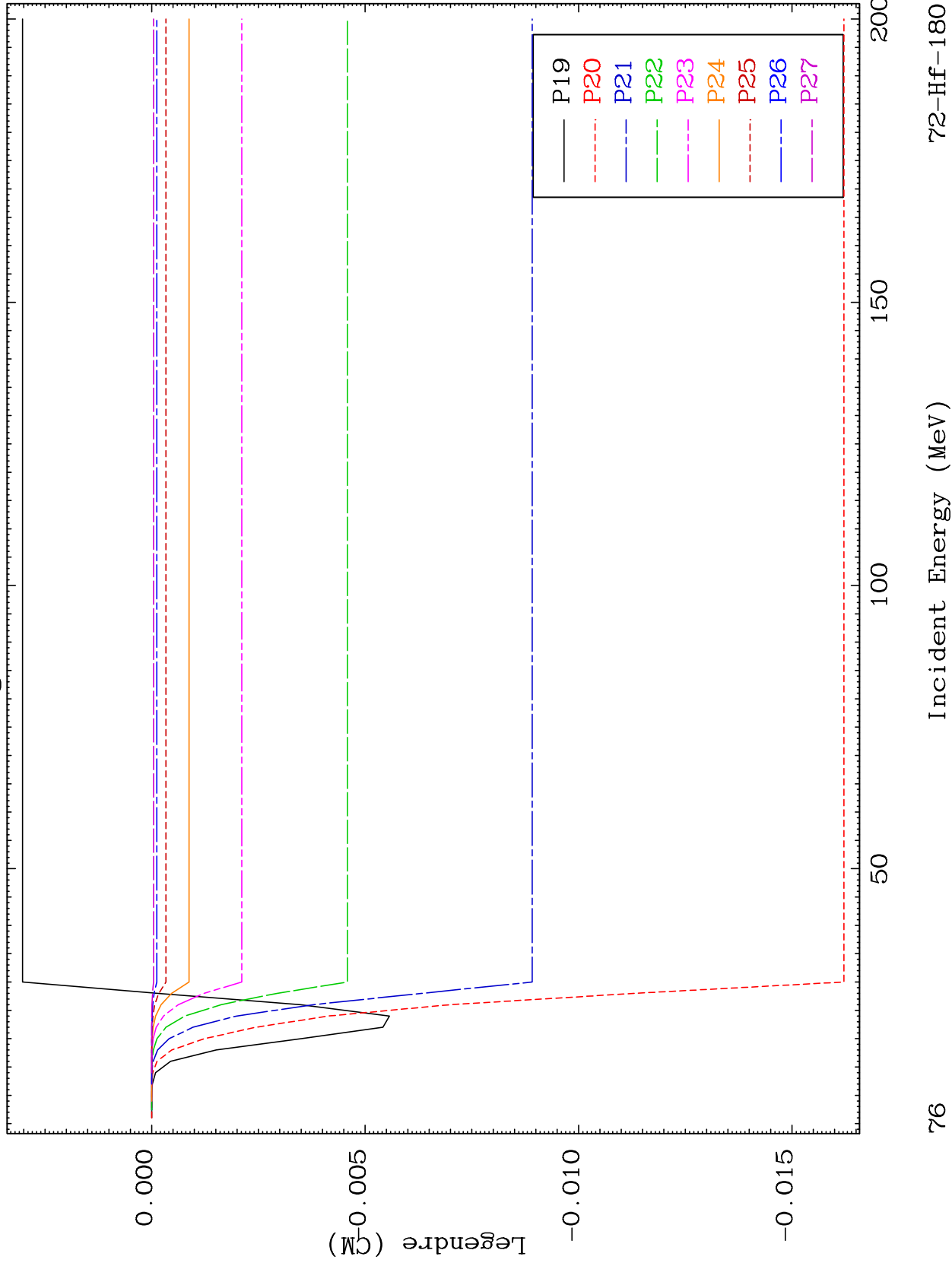
74



MAT 7243

1.354 MeV (n, n') Level
Legendre Coefficients

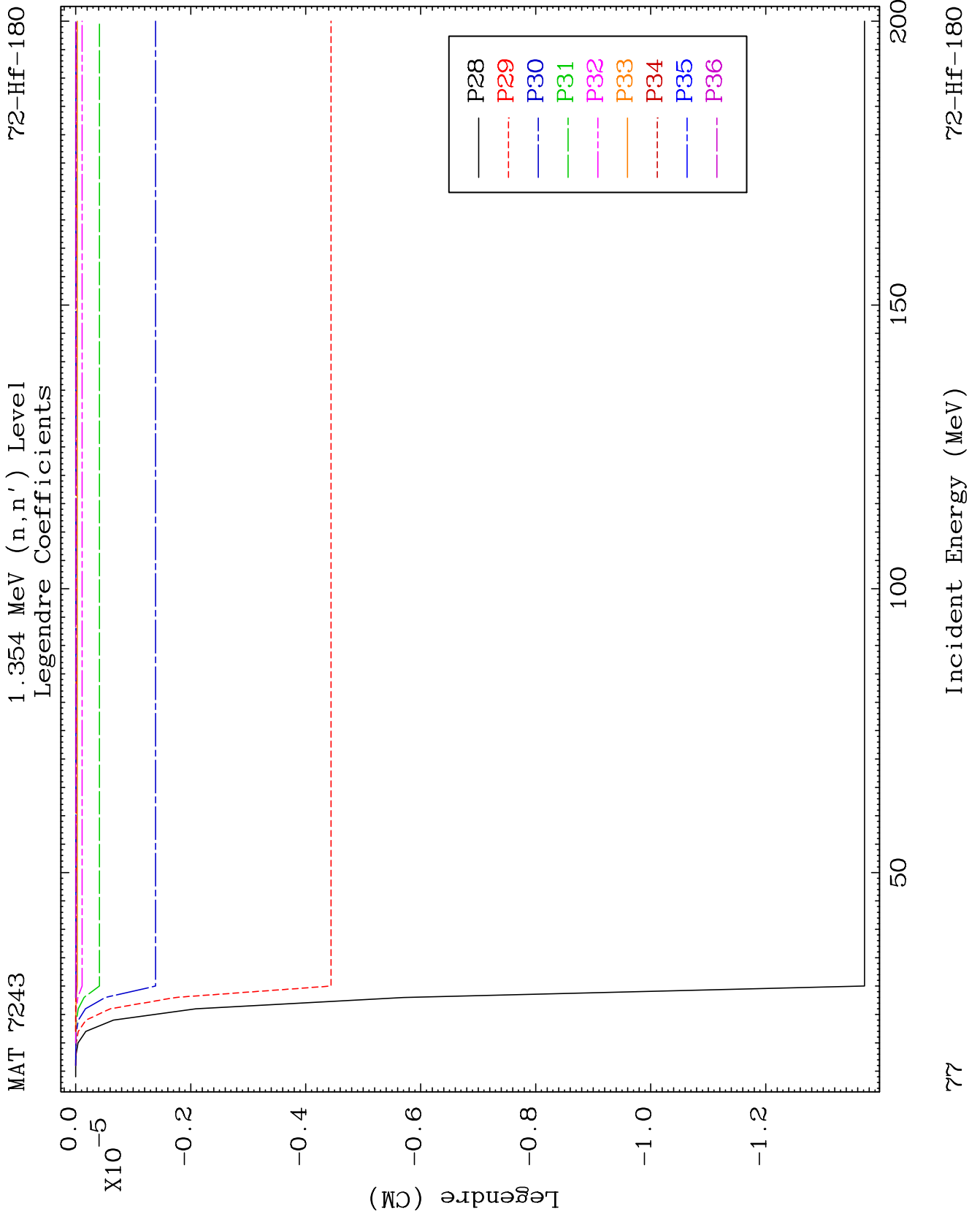
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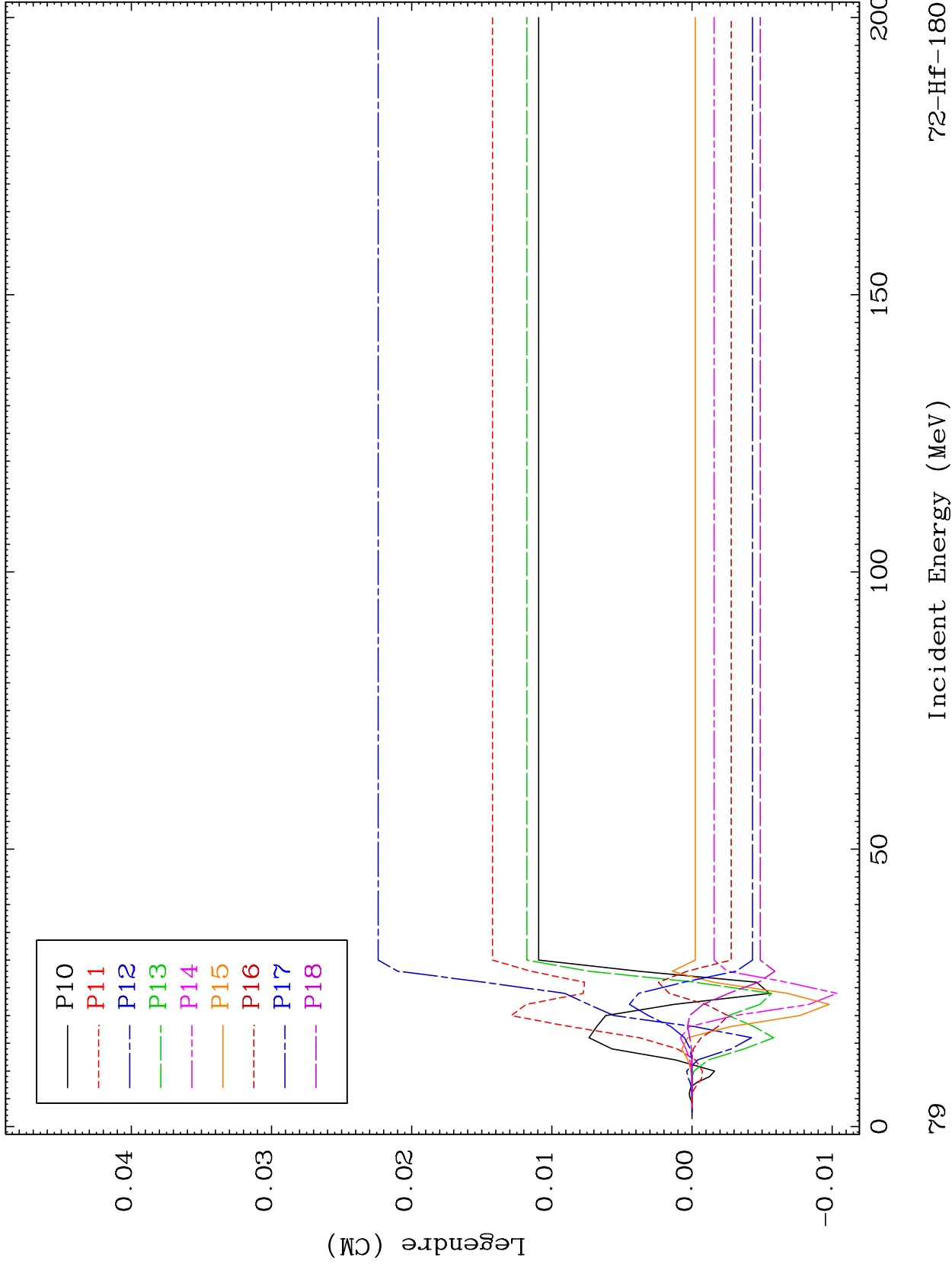


76

Incident Energy (MeV)

72-Hf-180

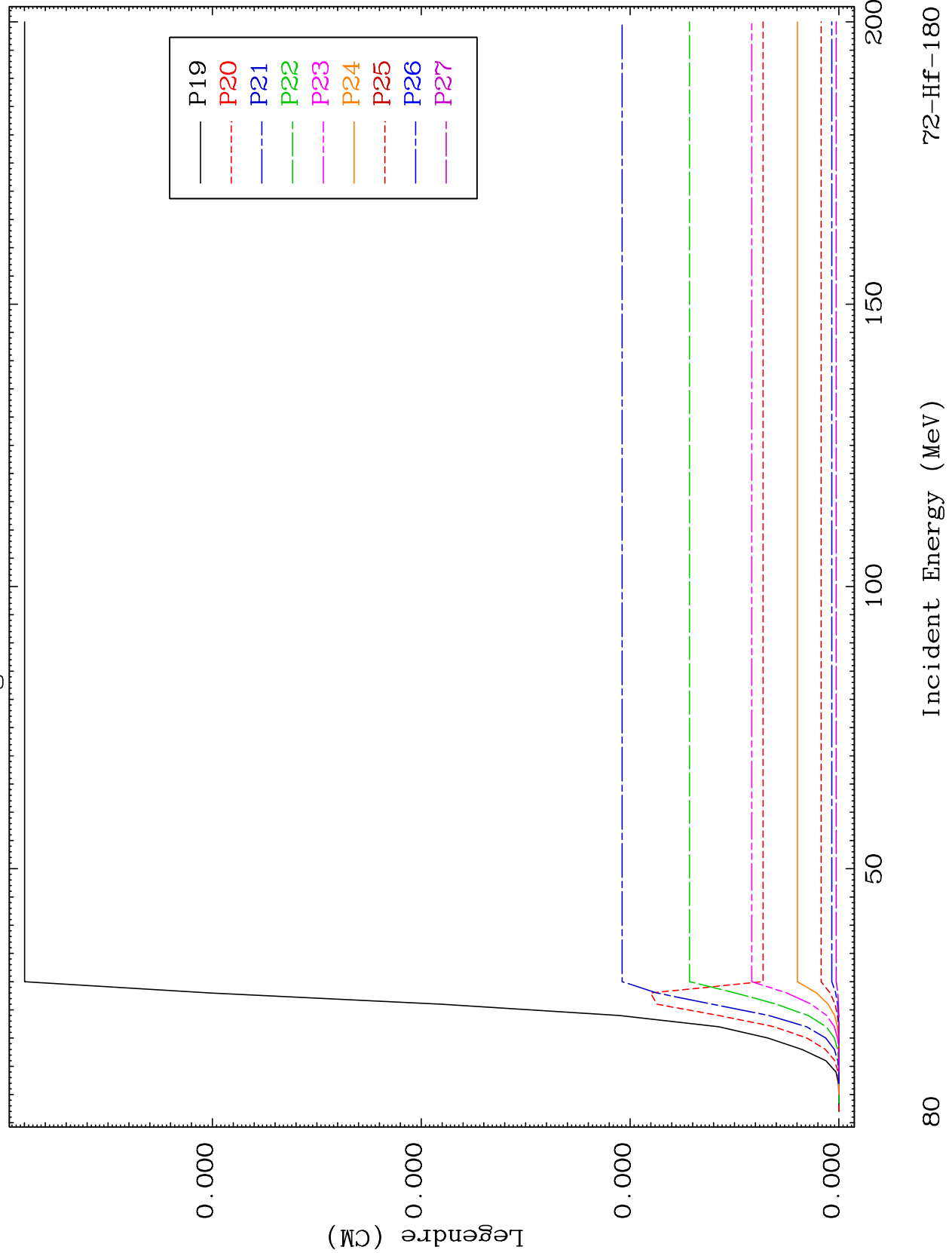




MAT 7243

1.369 MeV (n,n') Level
Legendre Coefficients

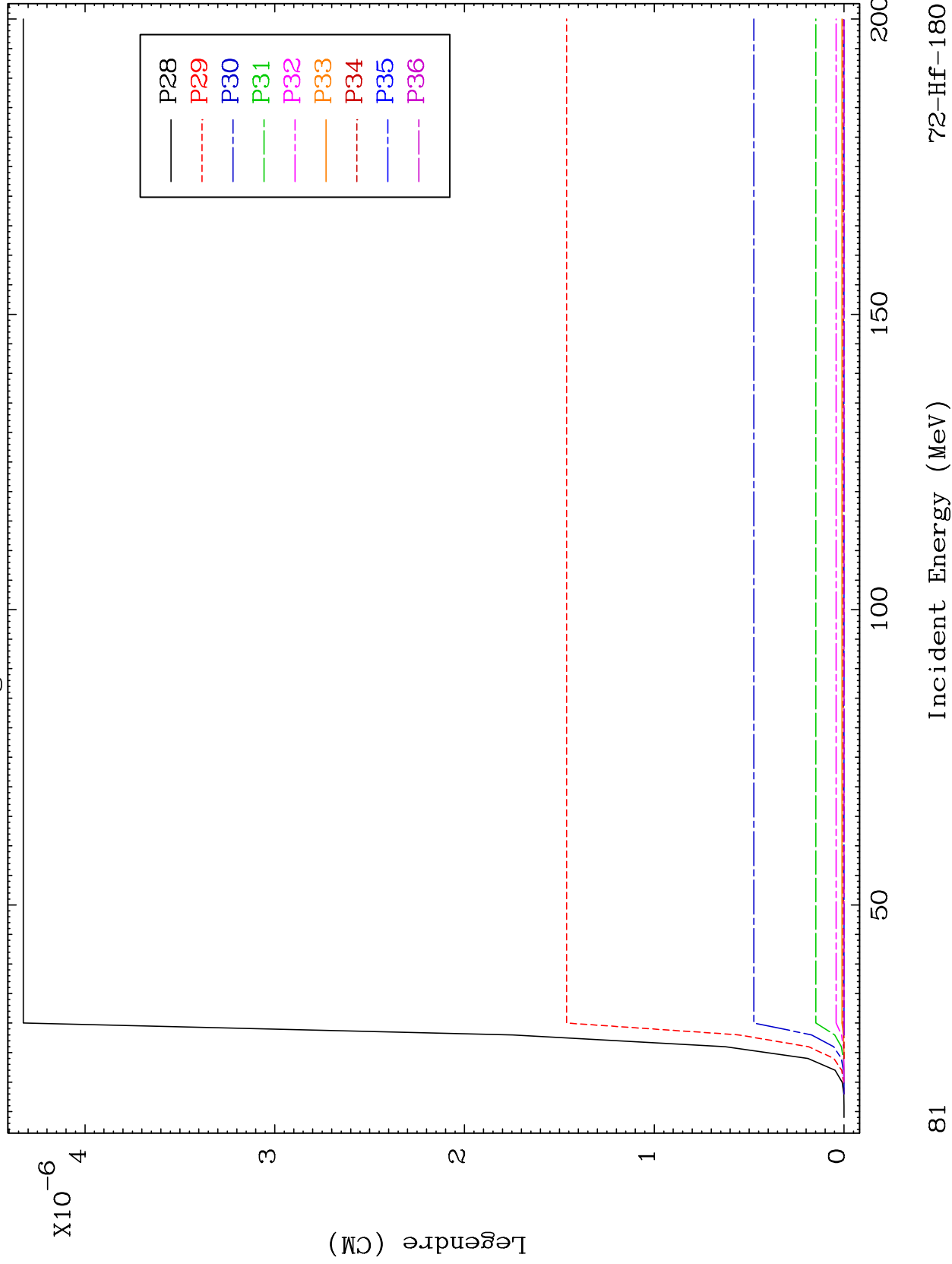
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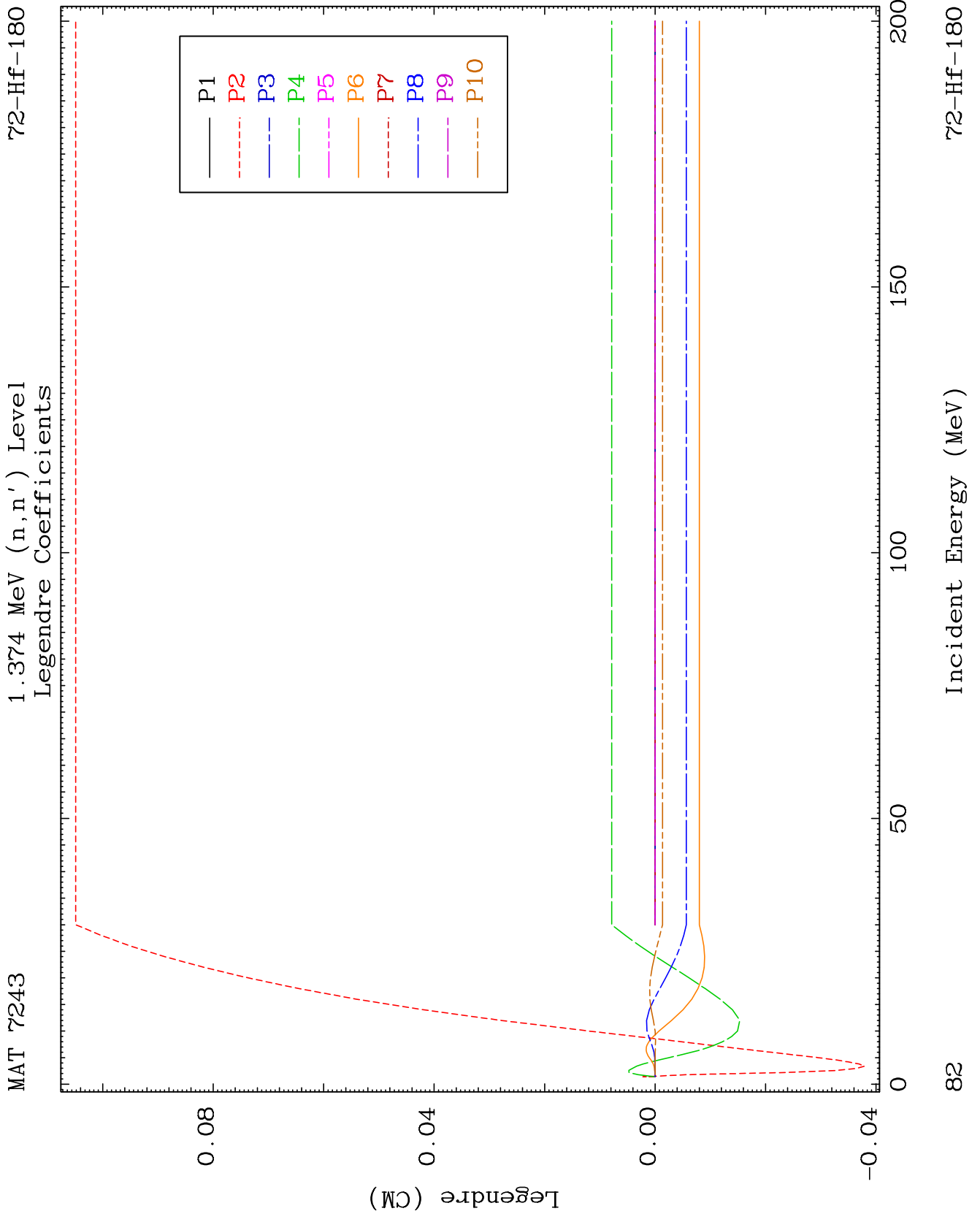


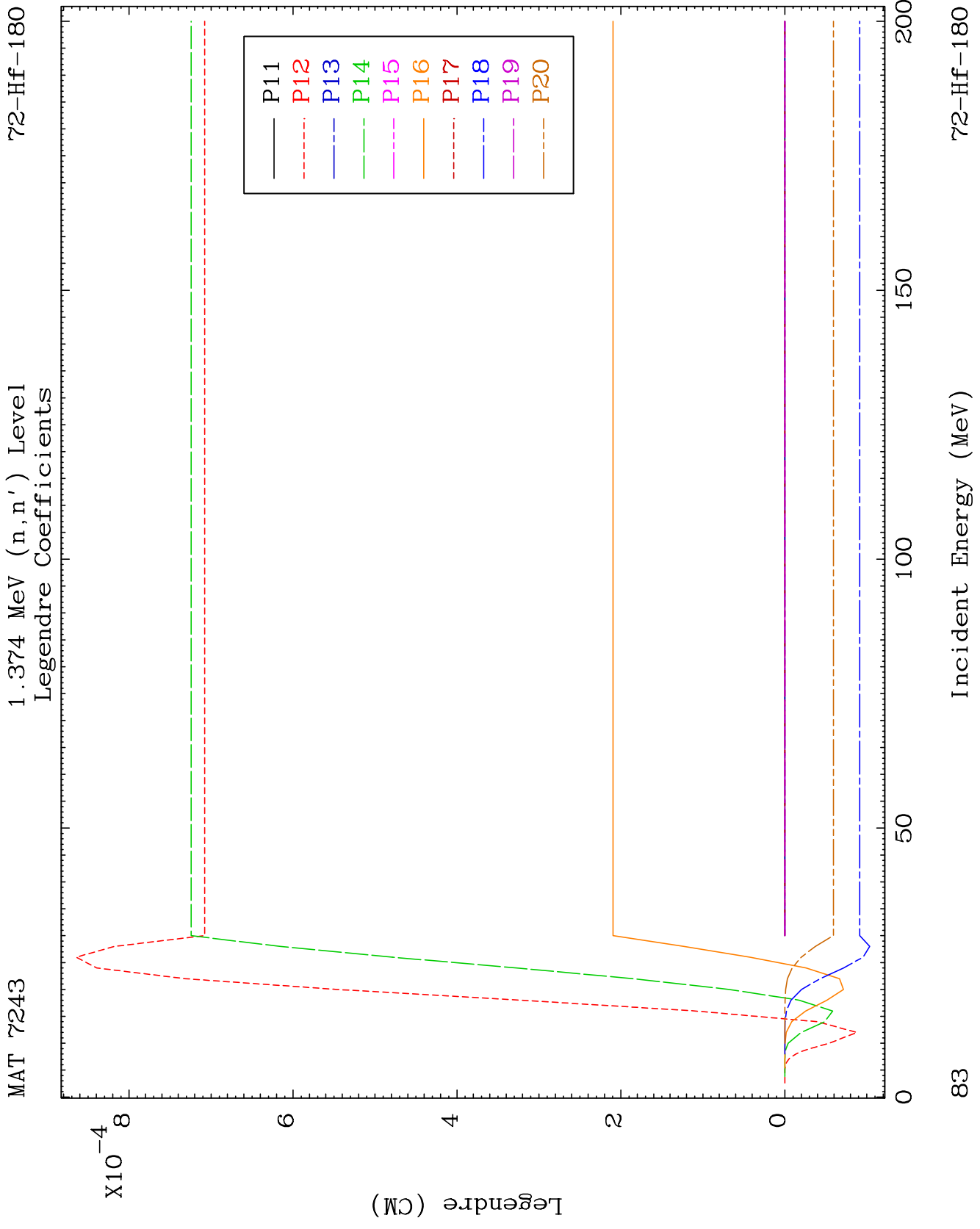
MAT 7243

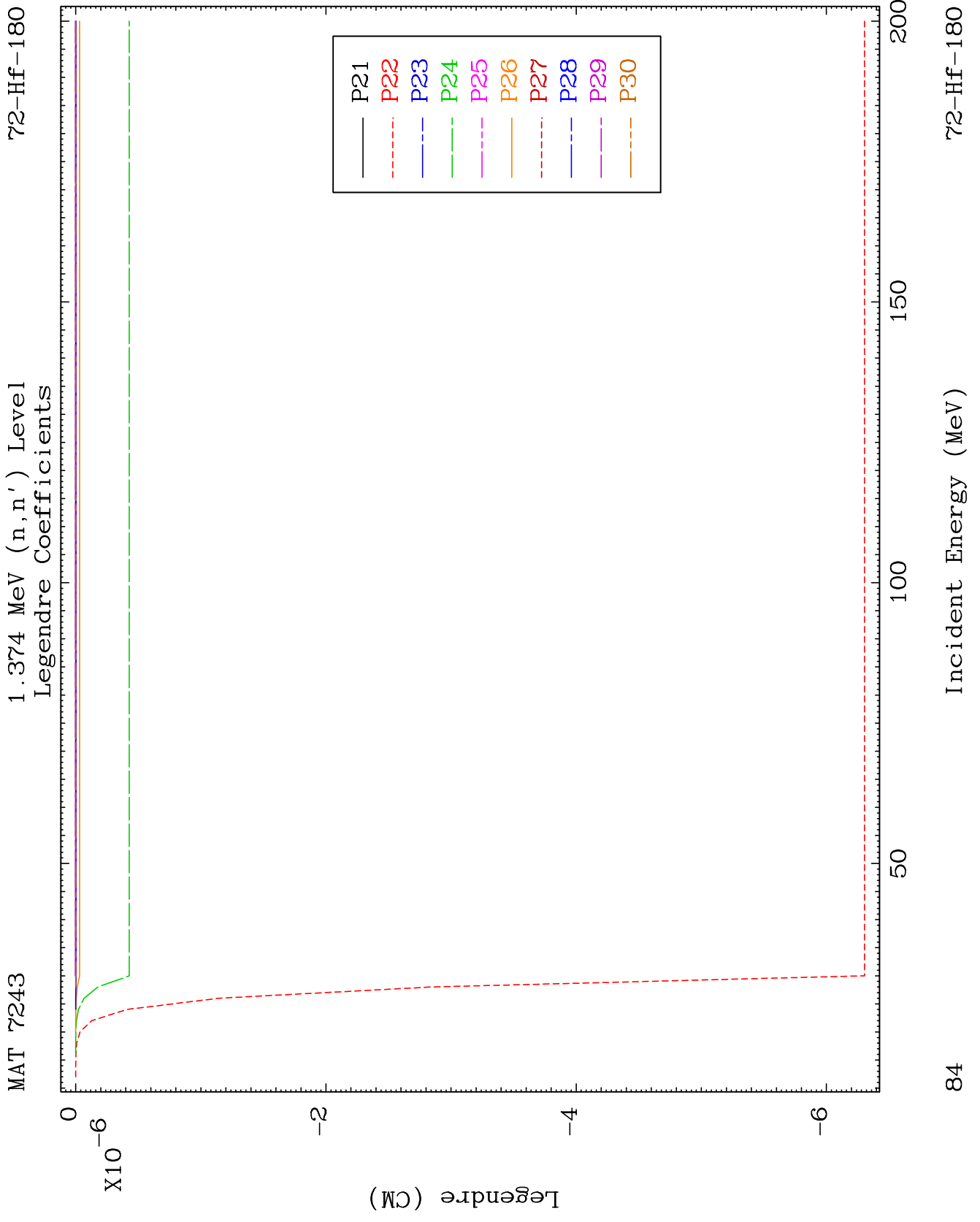
1.369 MeV (n,n') Level
Legendre Coefficients

72-Hf-180





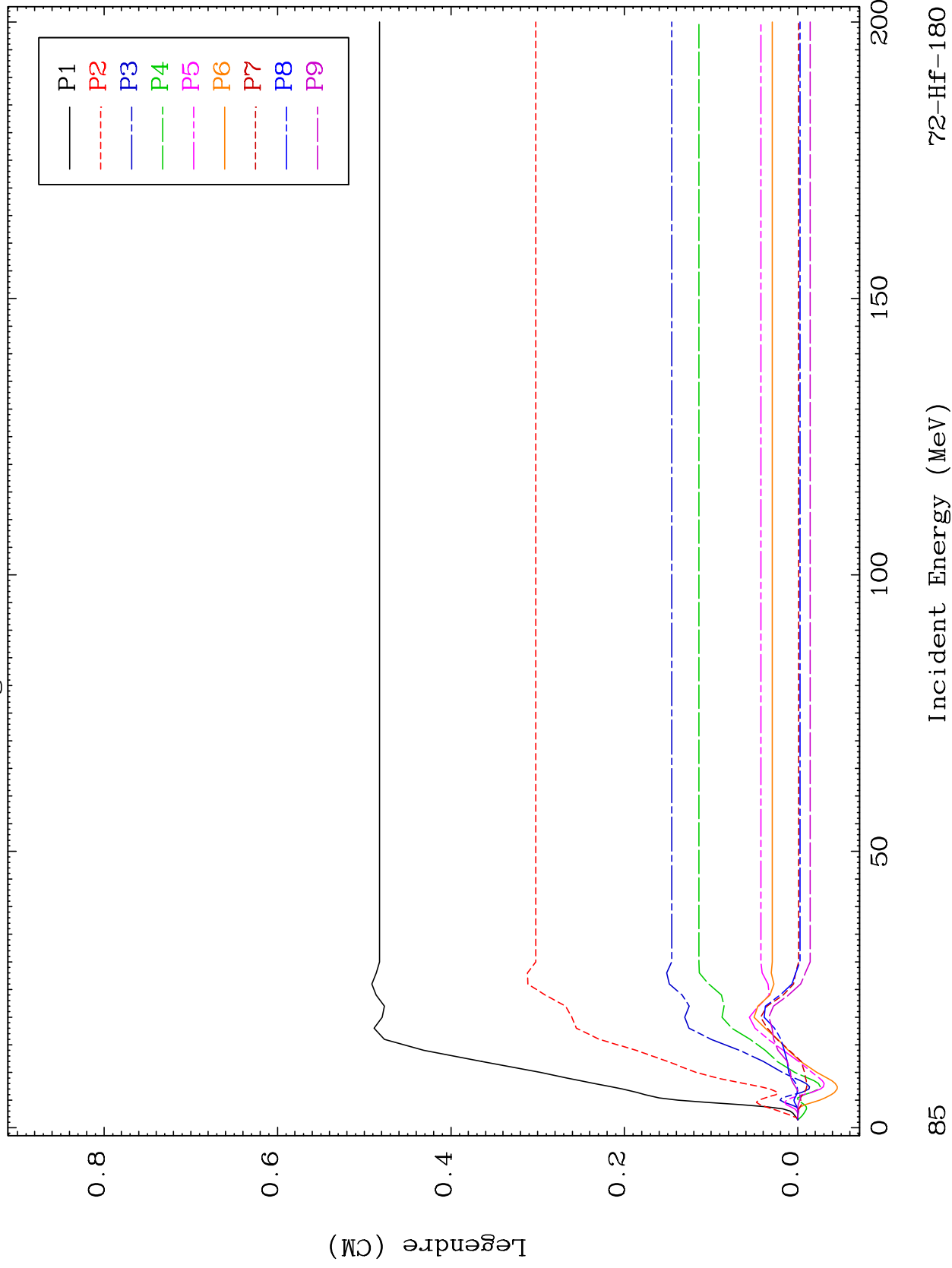




MAT 7243

1.381 MeV (n,n') Level
Legendre Coefficients

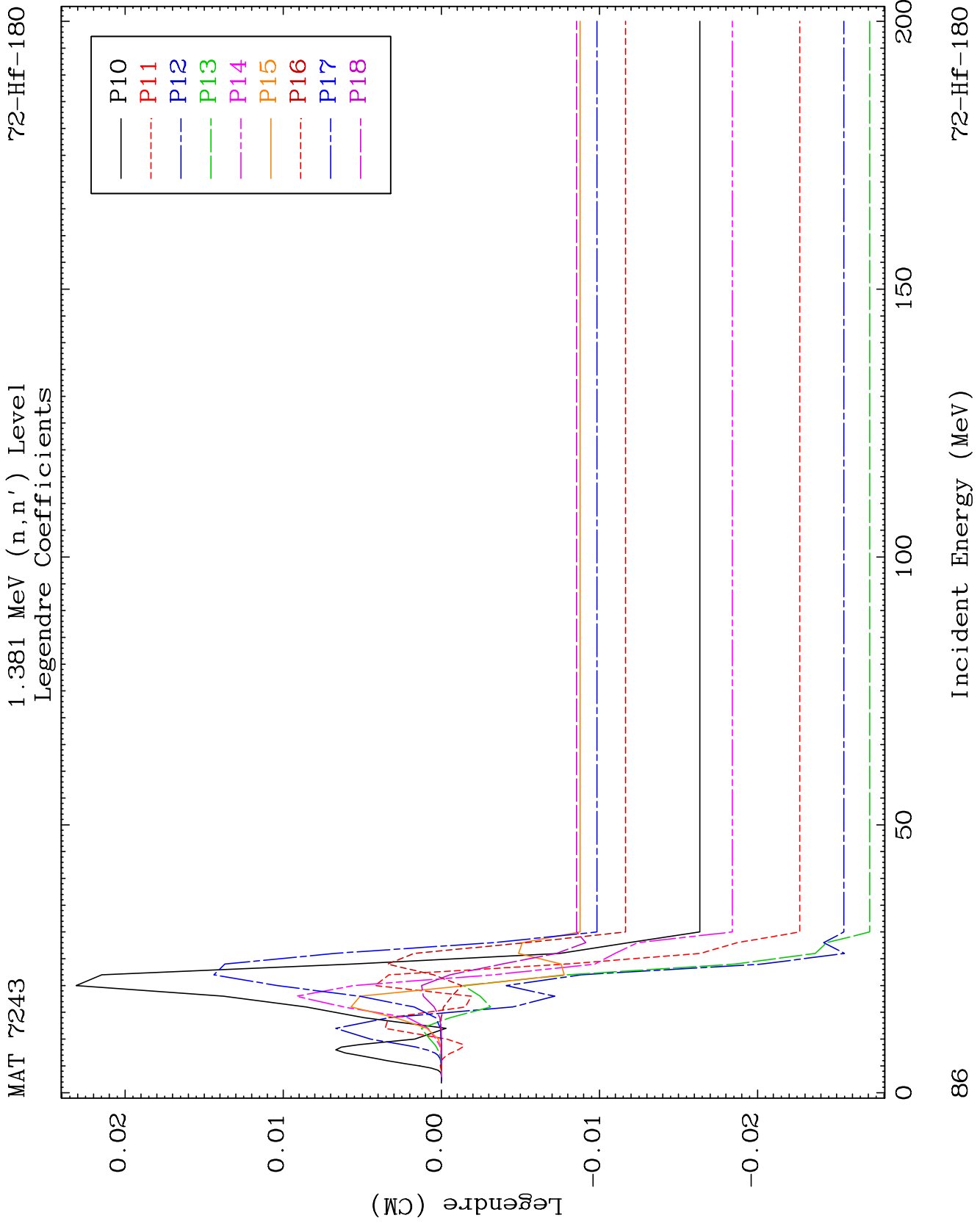
72-Hf-180



72-Hf-180

Incident Energy (MeV)

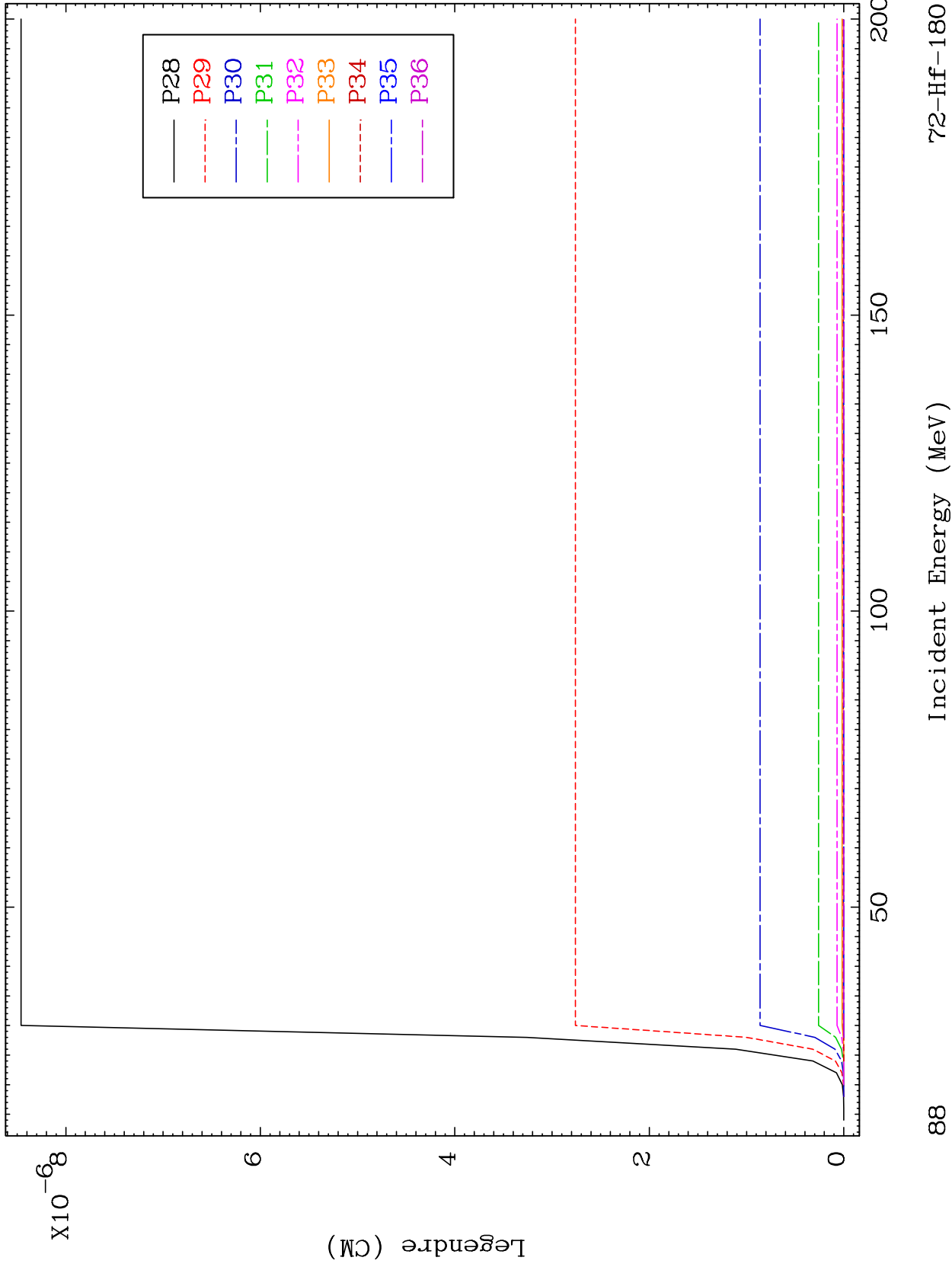
85



MAT 7243

1.381 MeV (n,n') Level
Legendre Coefficients

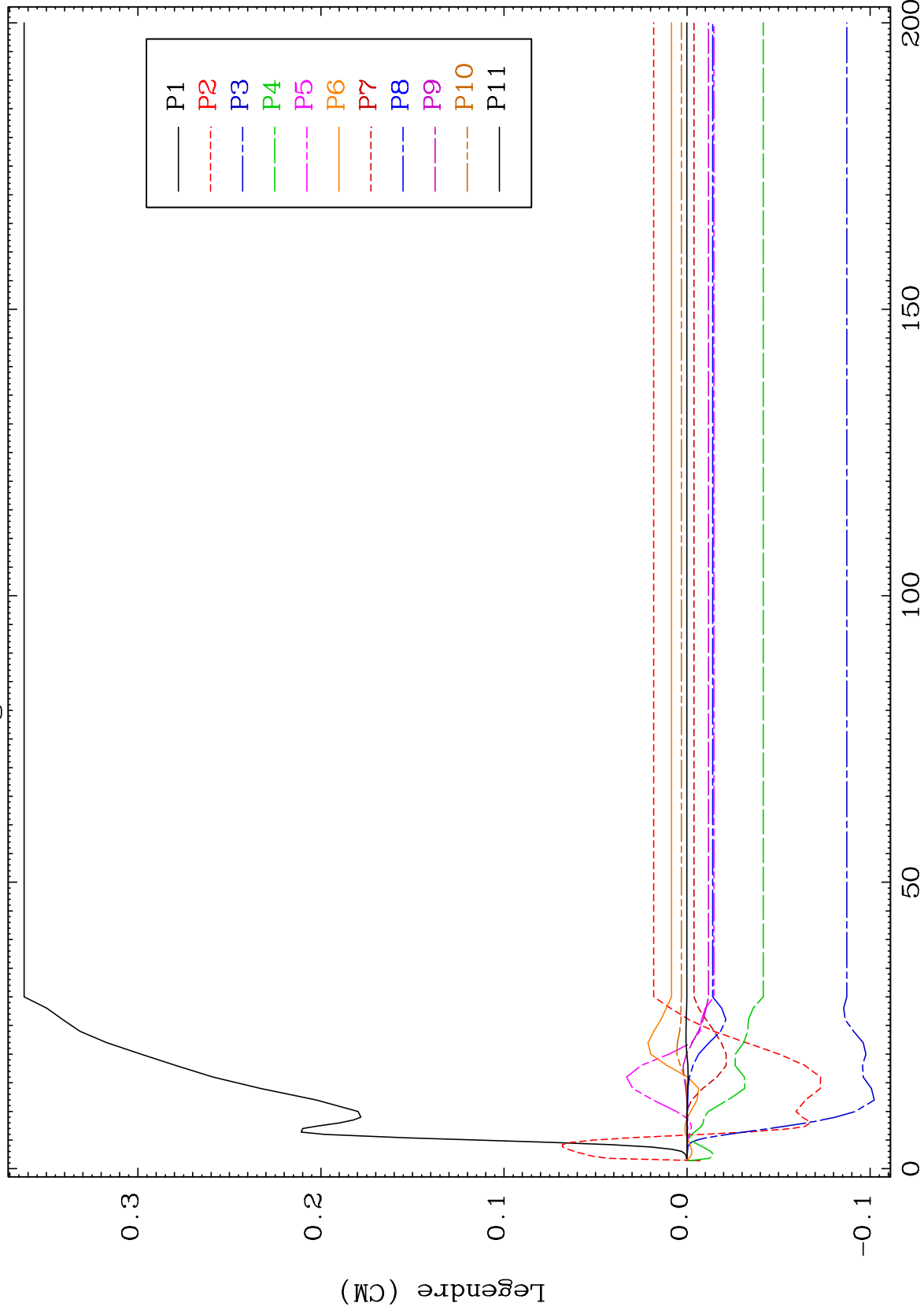
72-Hf-180



MAT 7243

1.385 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



89

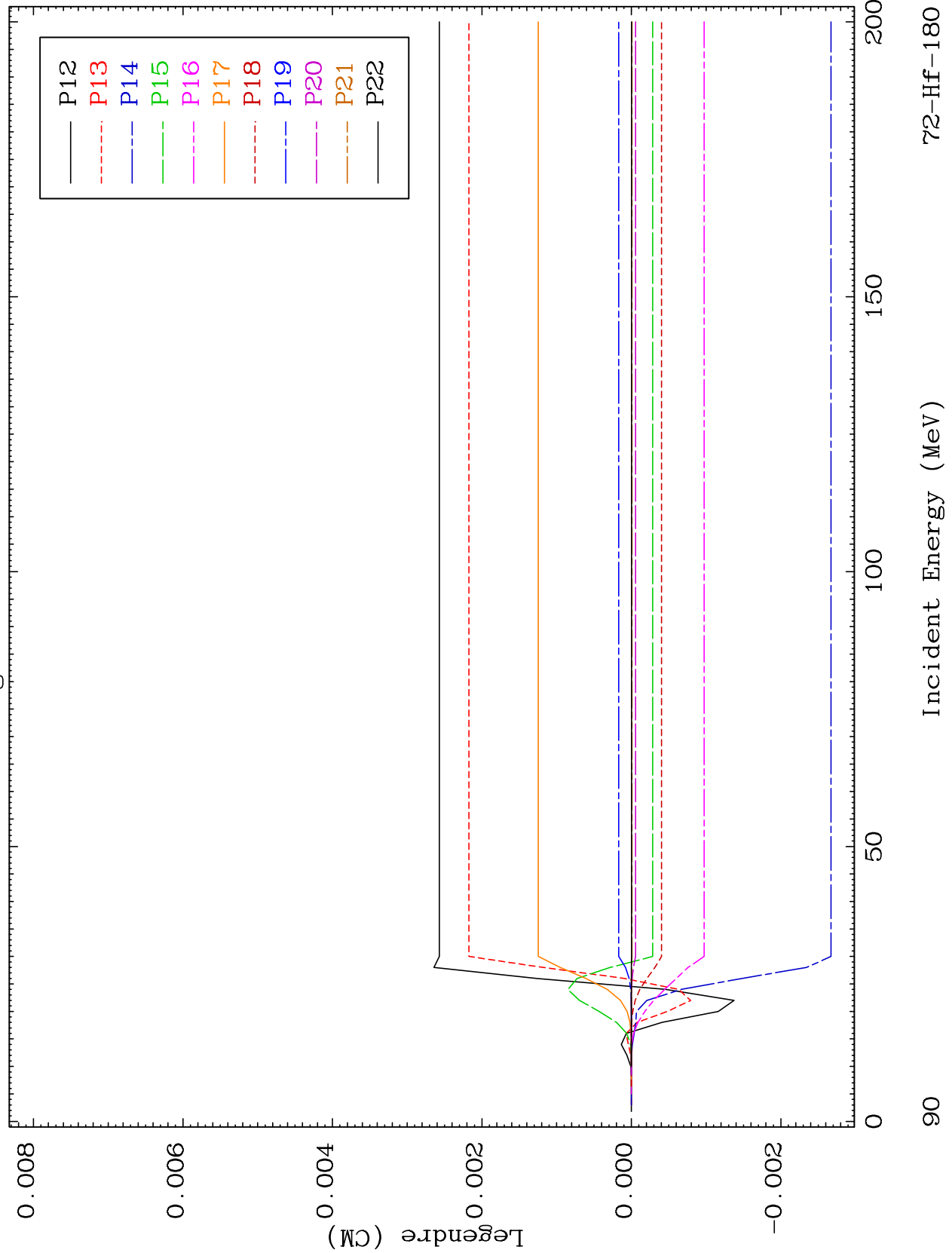
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.385 MeV (n,n') Level
Legendre Coefficients

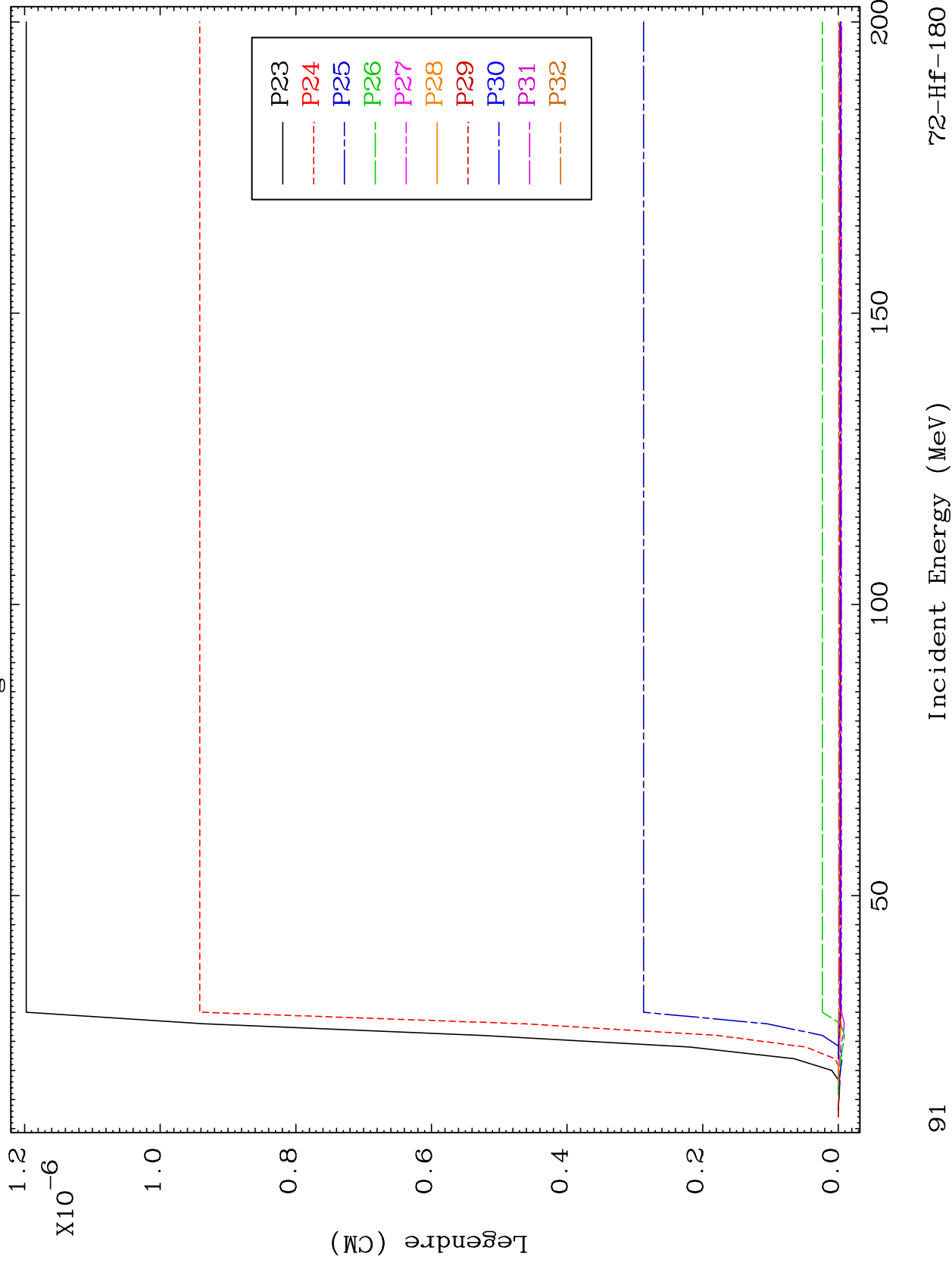
72-Hf-180



MAT 7243

1.385 MeV (n,n') Level
Legendre Coefficients

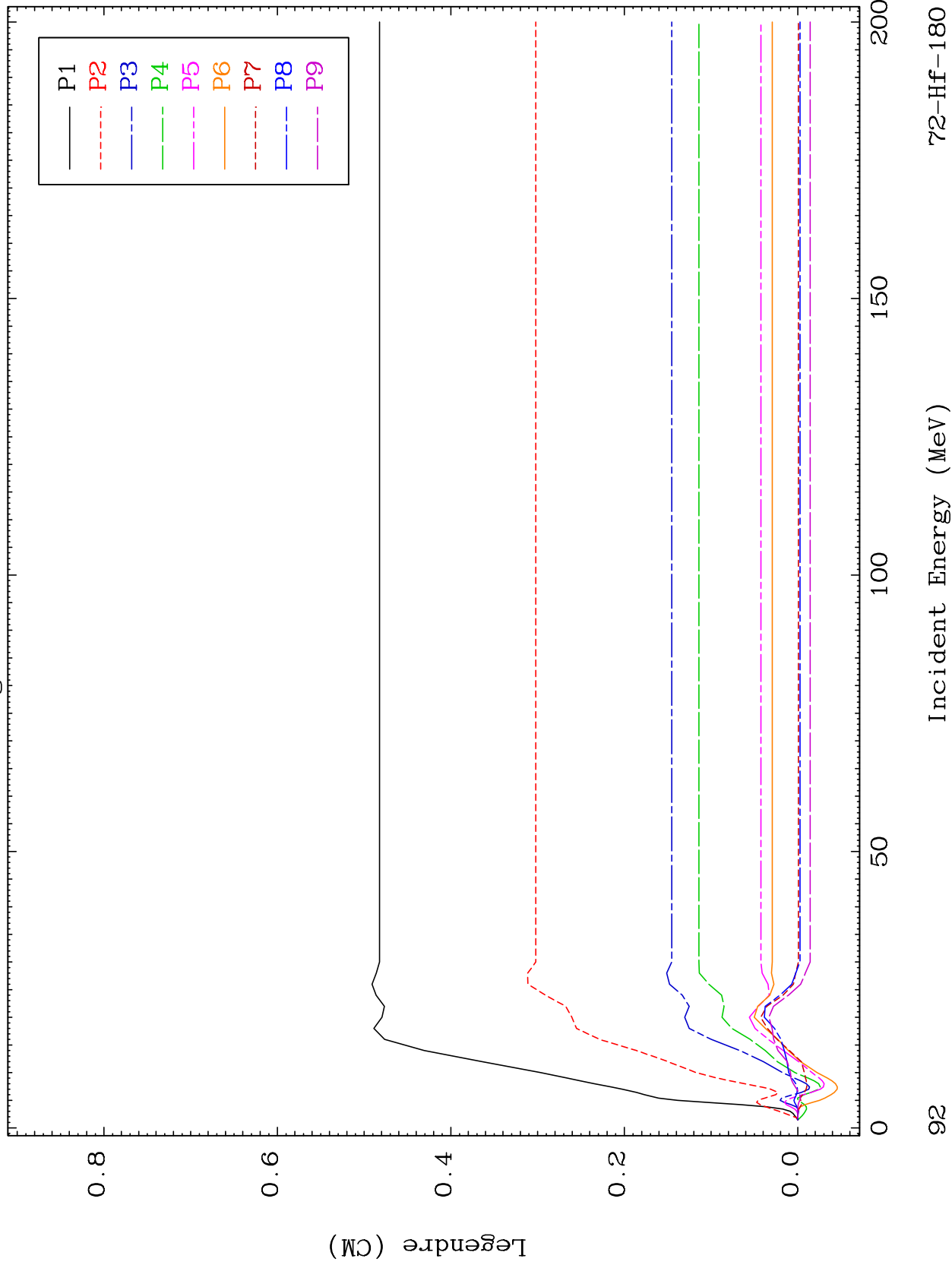
72-Hf-180



MAT 7243

1.409 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

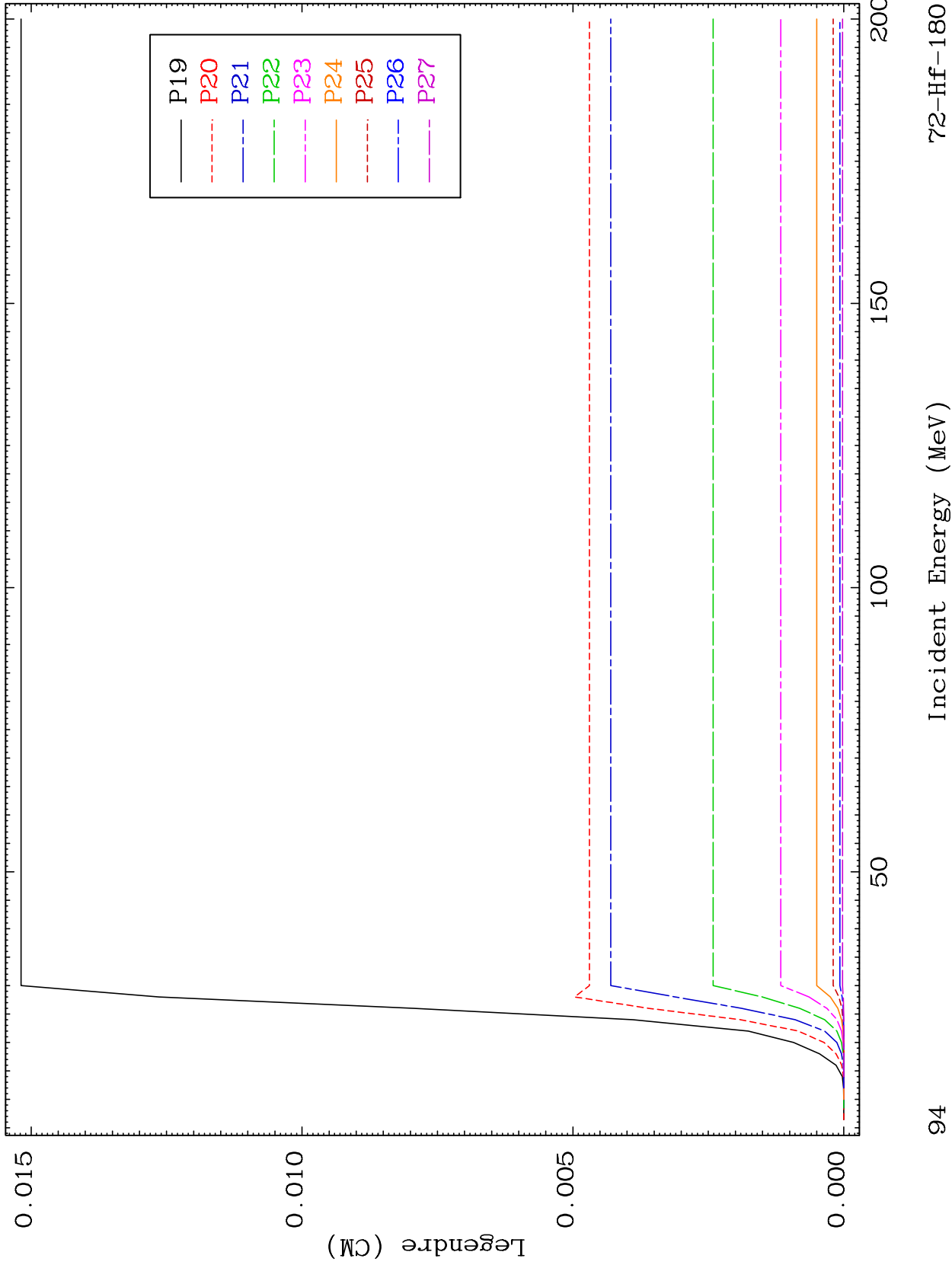
Incident Energy (MeV)

92

MAT 7243

1.409 MeV (n, n') Level
Legendre Coefficients

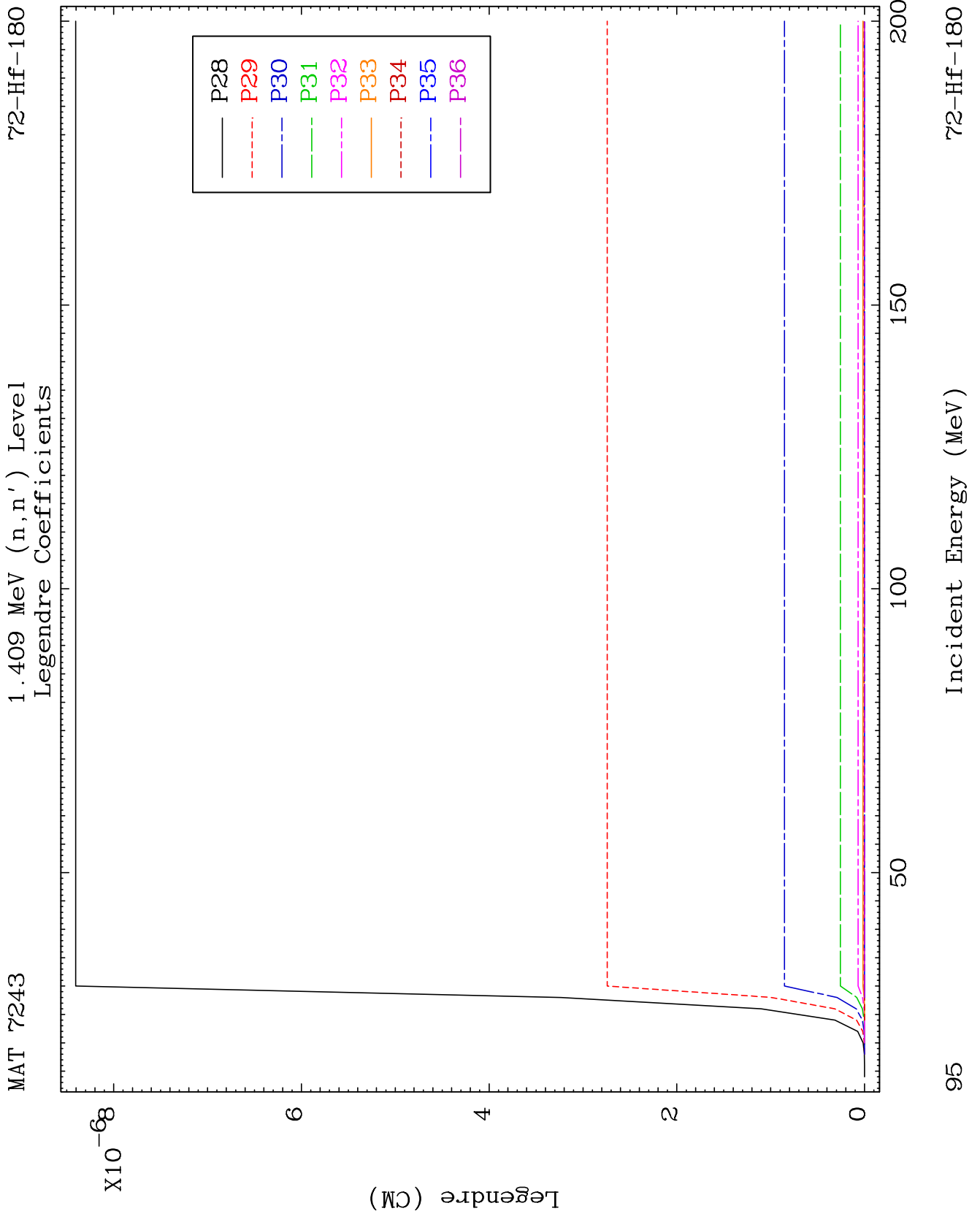
72-Hf-180

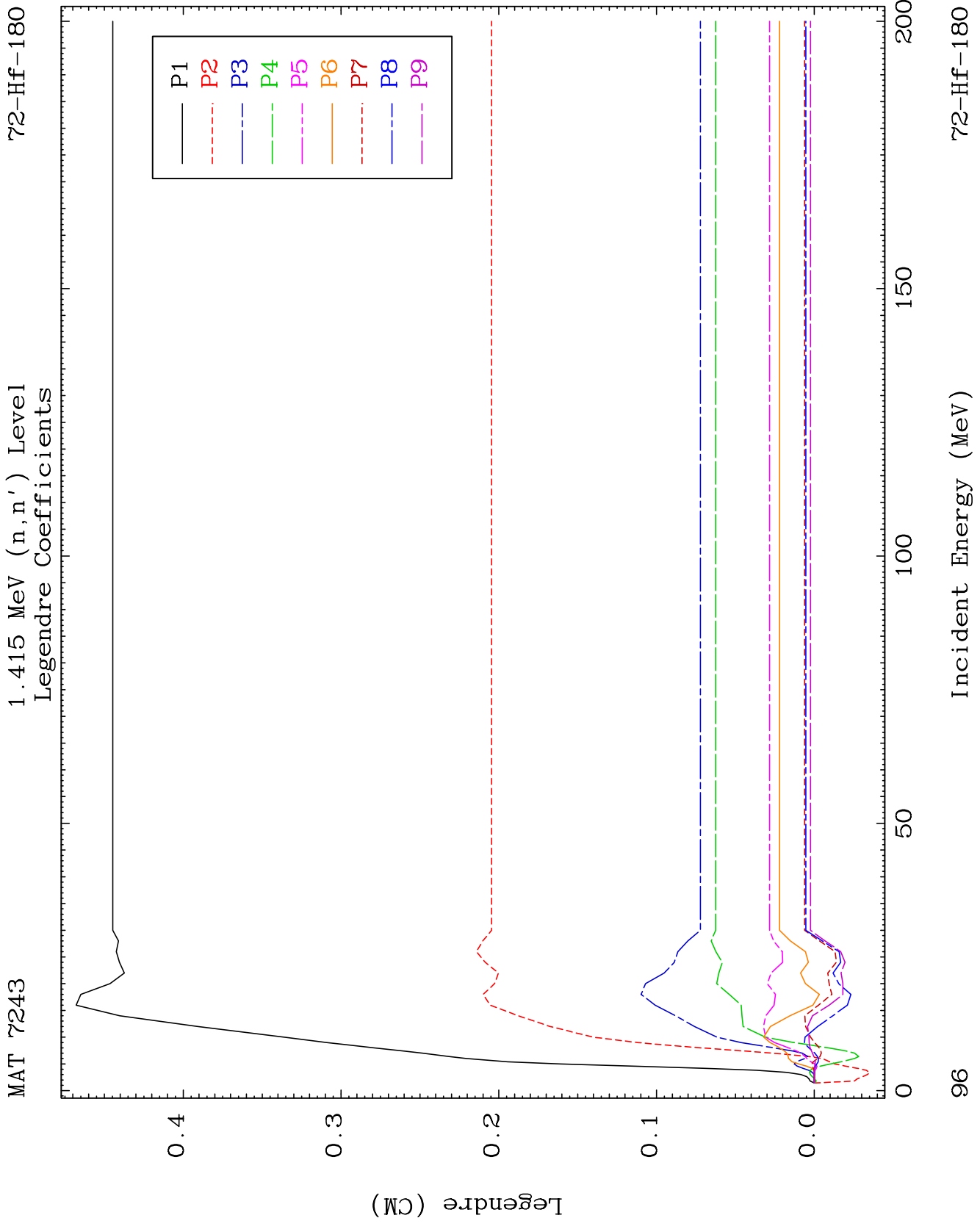


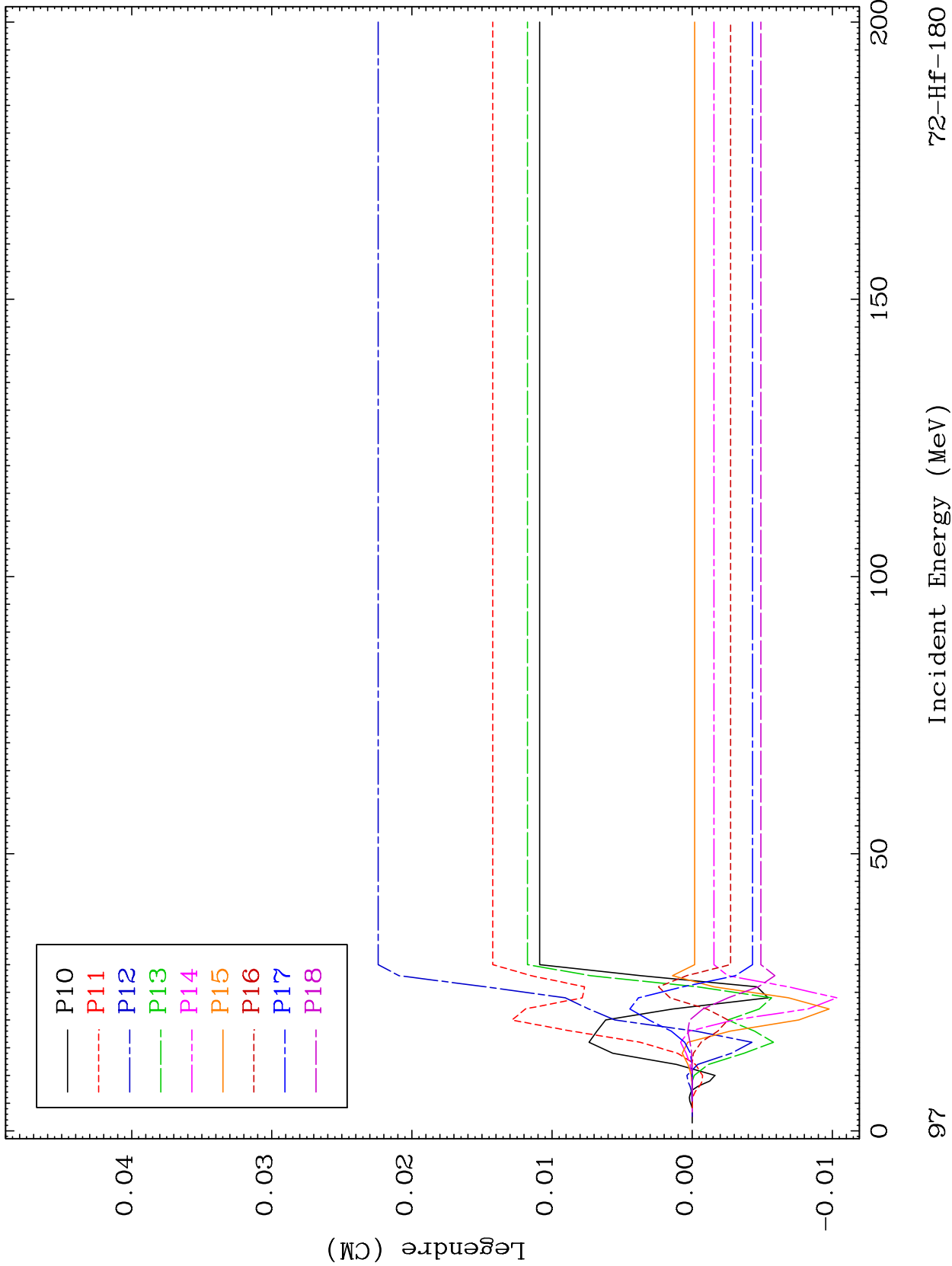
94

Incident Energy (MeV)

72-Hf-180



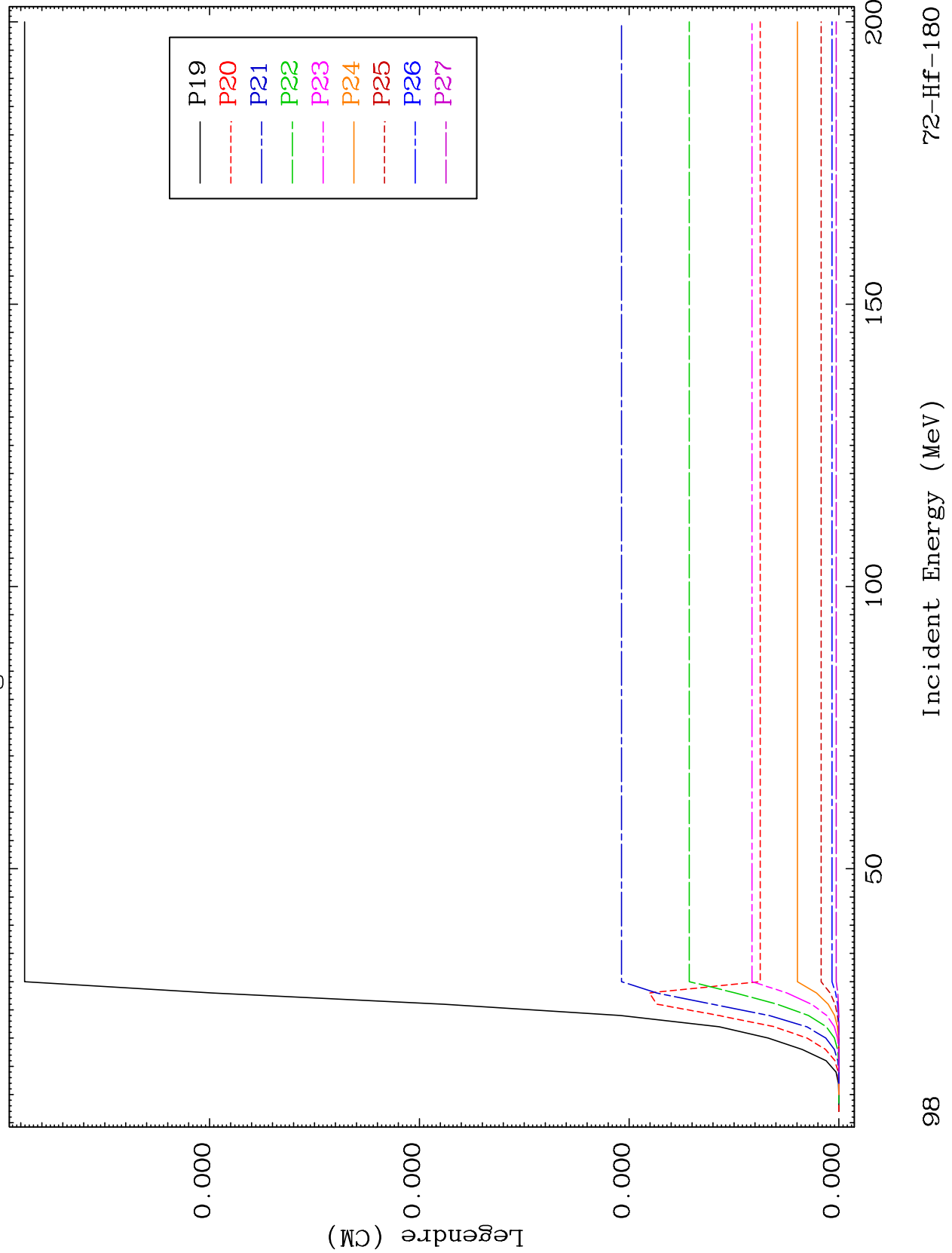




MAT 7243

1.415 MeV (n,n') Level Legendre Coefficients

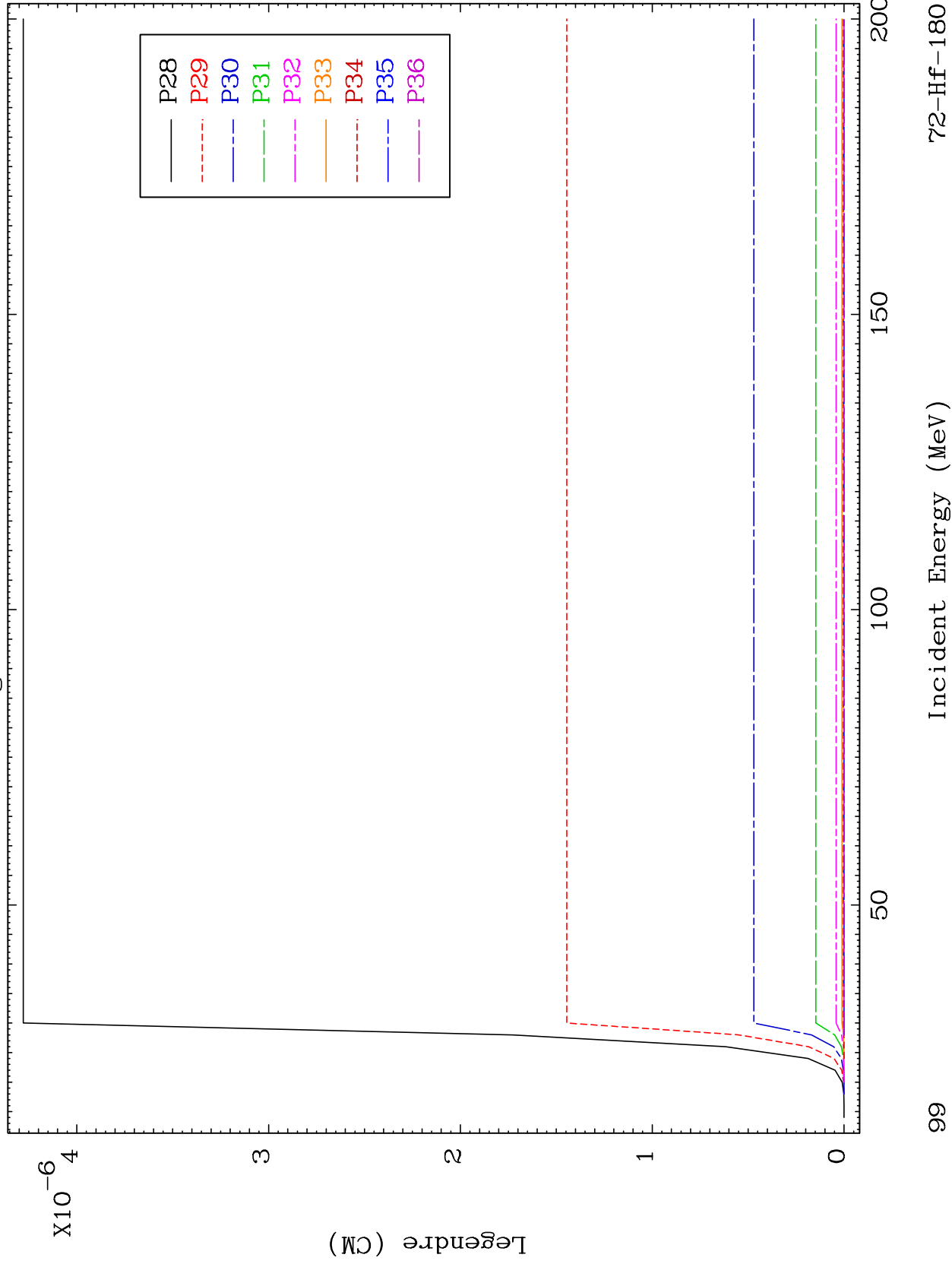
72-Hf-180



MAT 7243

1.415 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



99

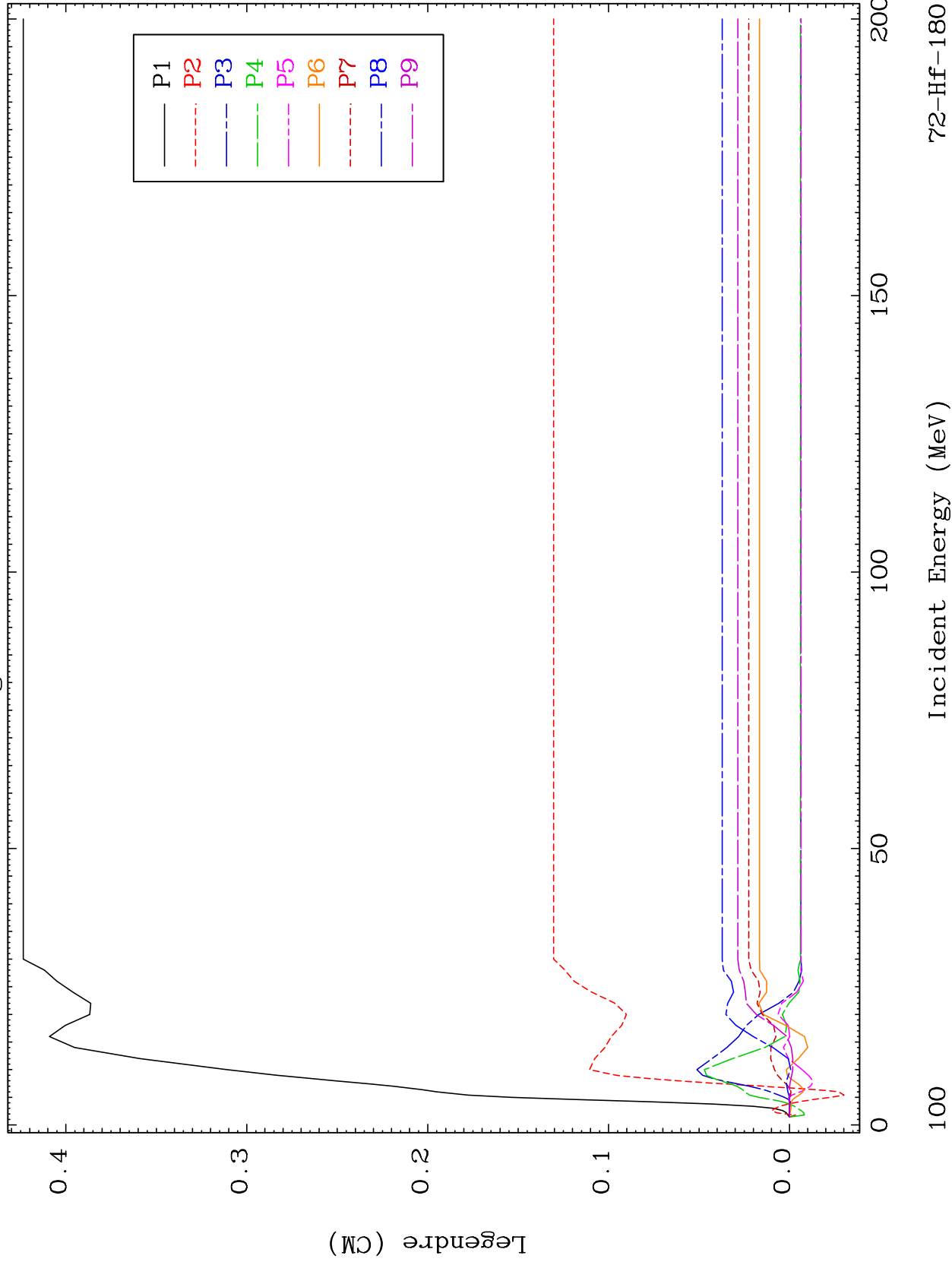
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.421 MeV (n,n') Level
Legendre Coefficients

72-Hf-180

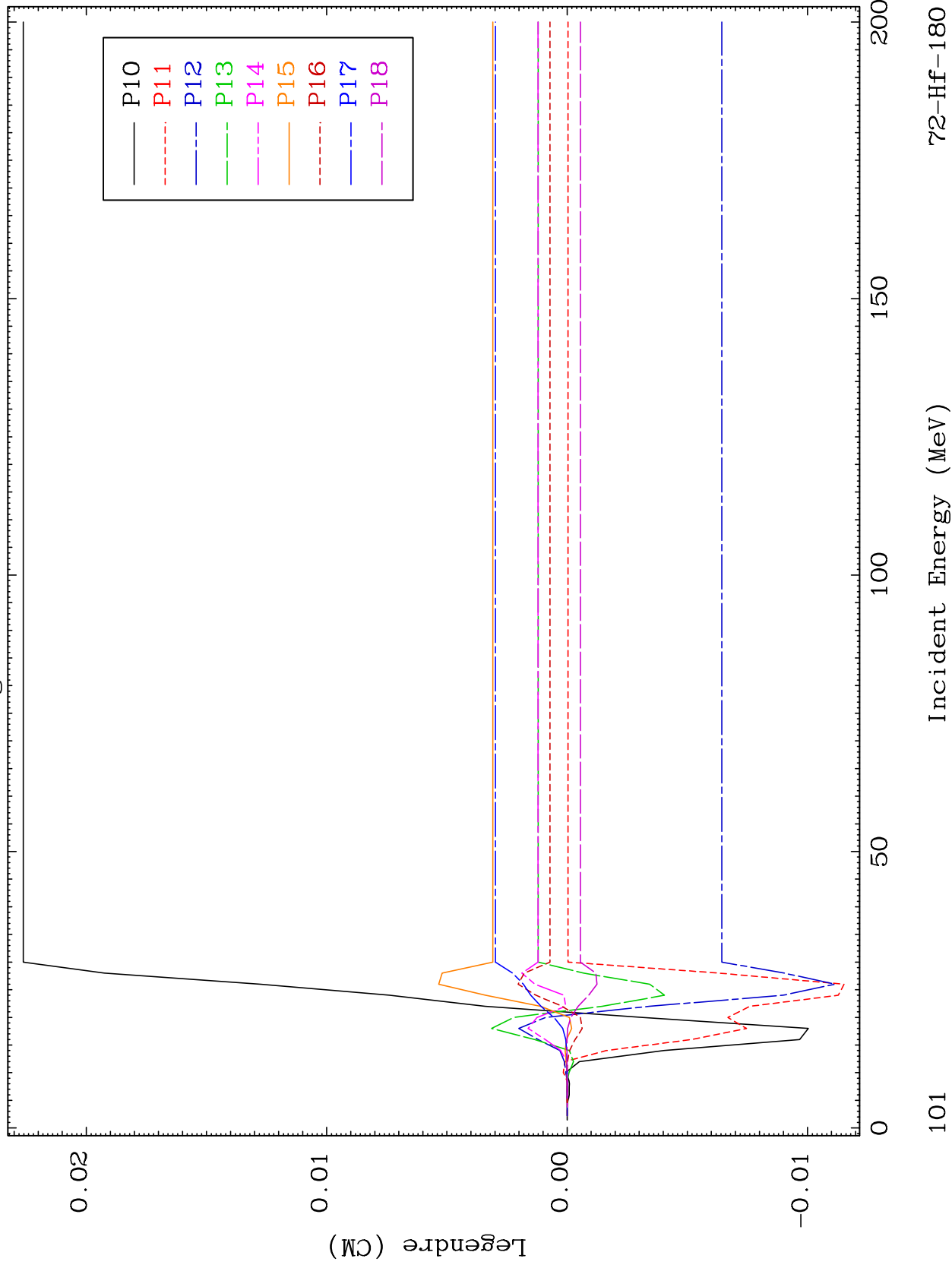


72-Hf-180

MAT 7243

1.421 MeV (n,n') Level
Legendre Coefficients

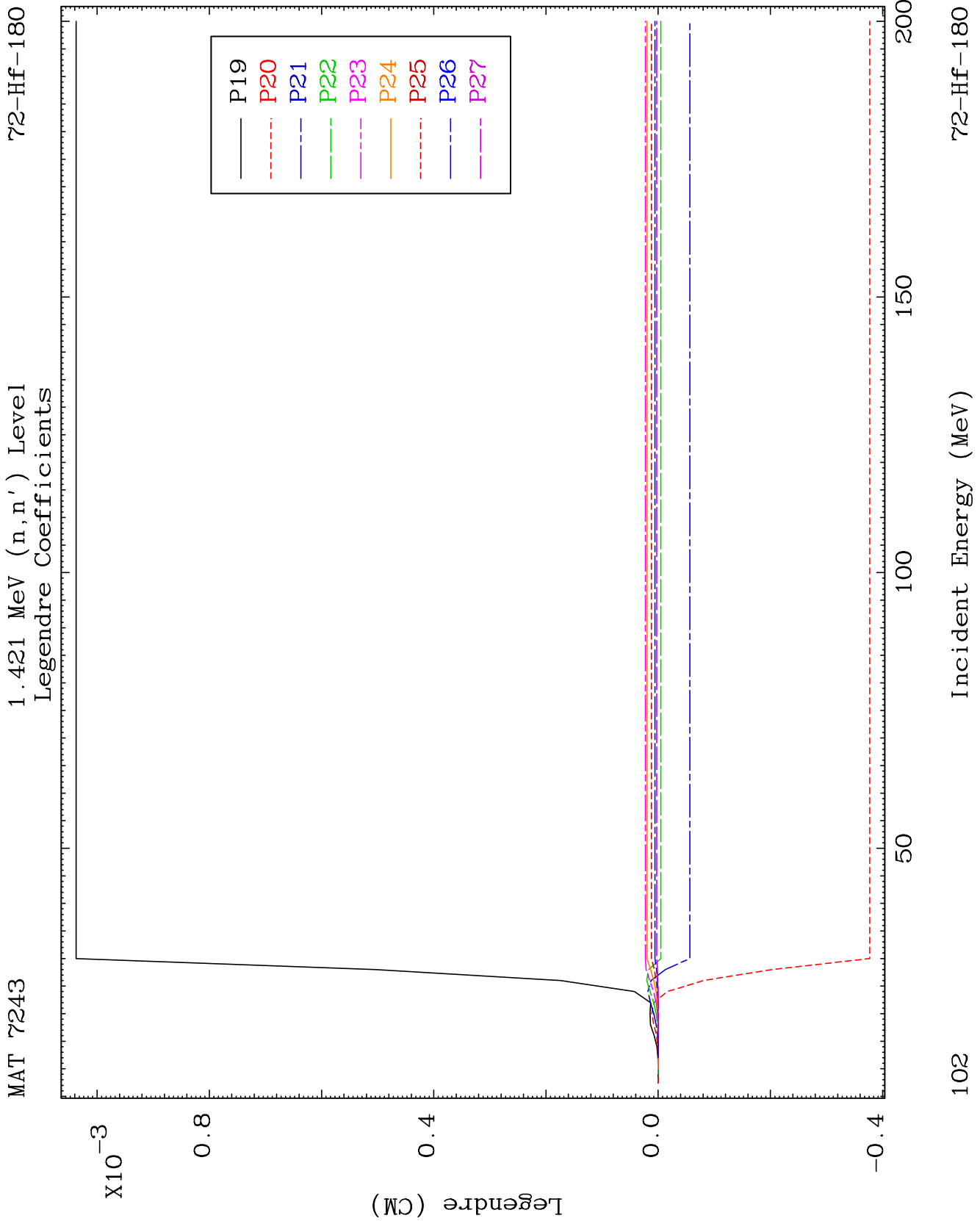
72-Hf-180

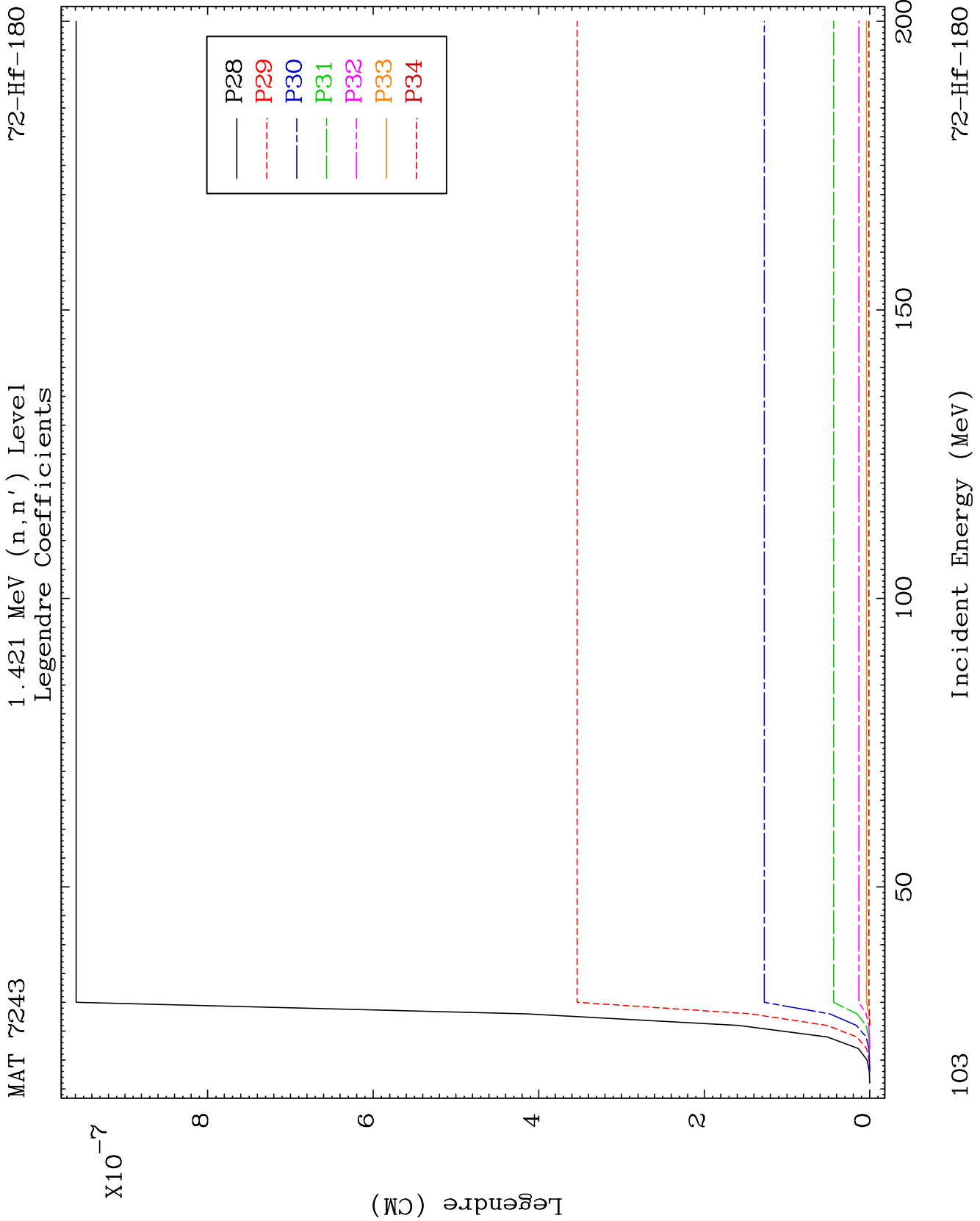


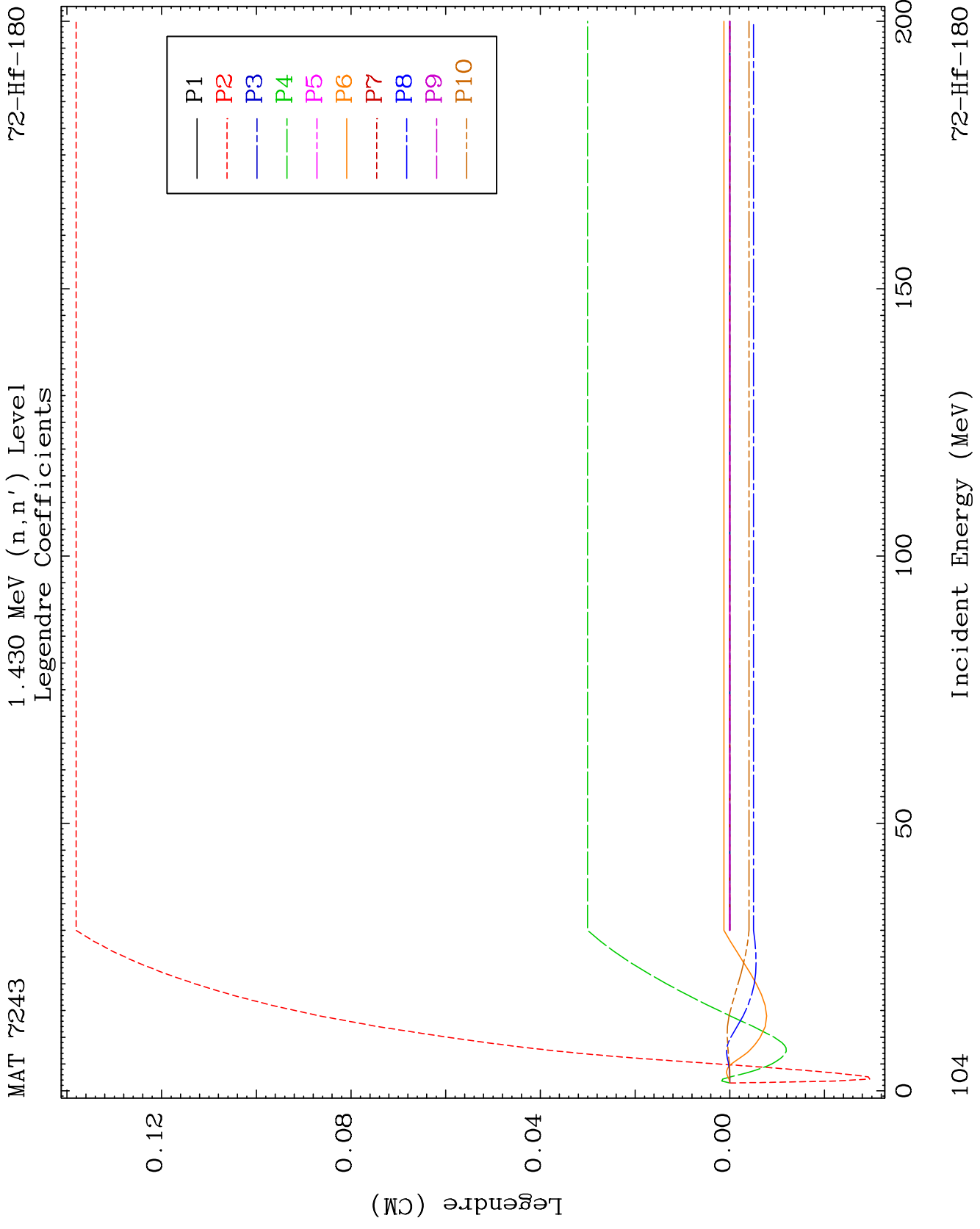
72-Hf-180

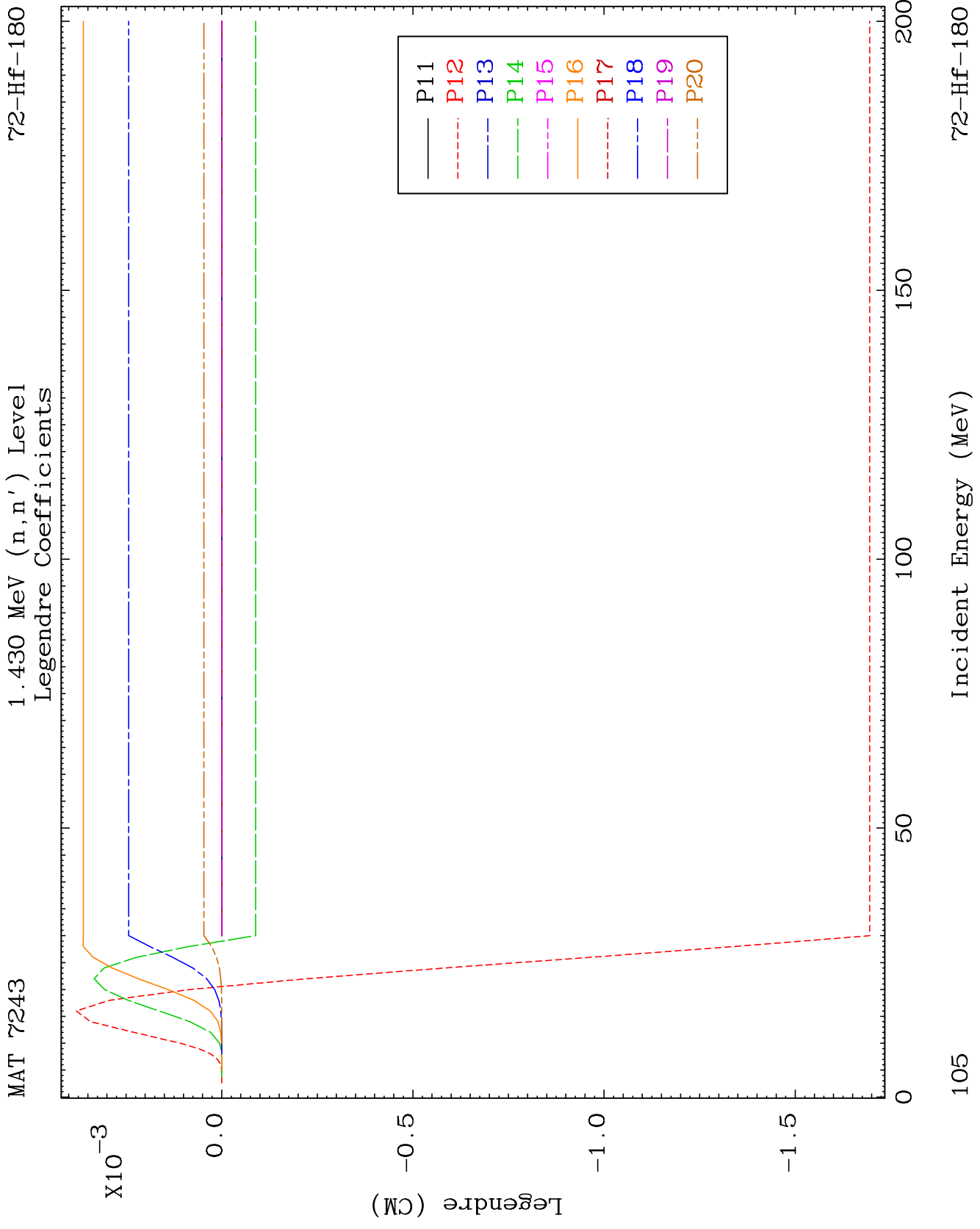
Incident Energy (MeV)

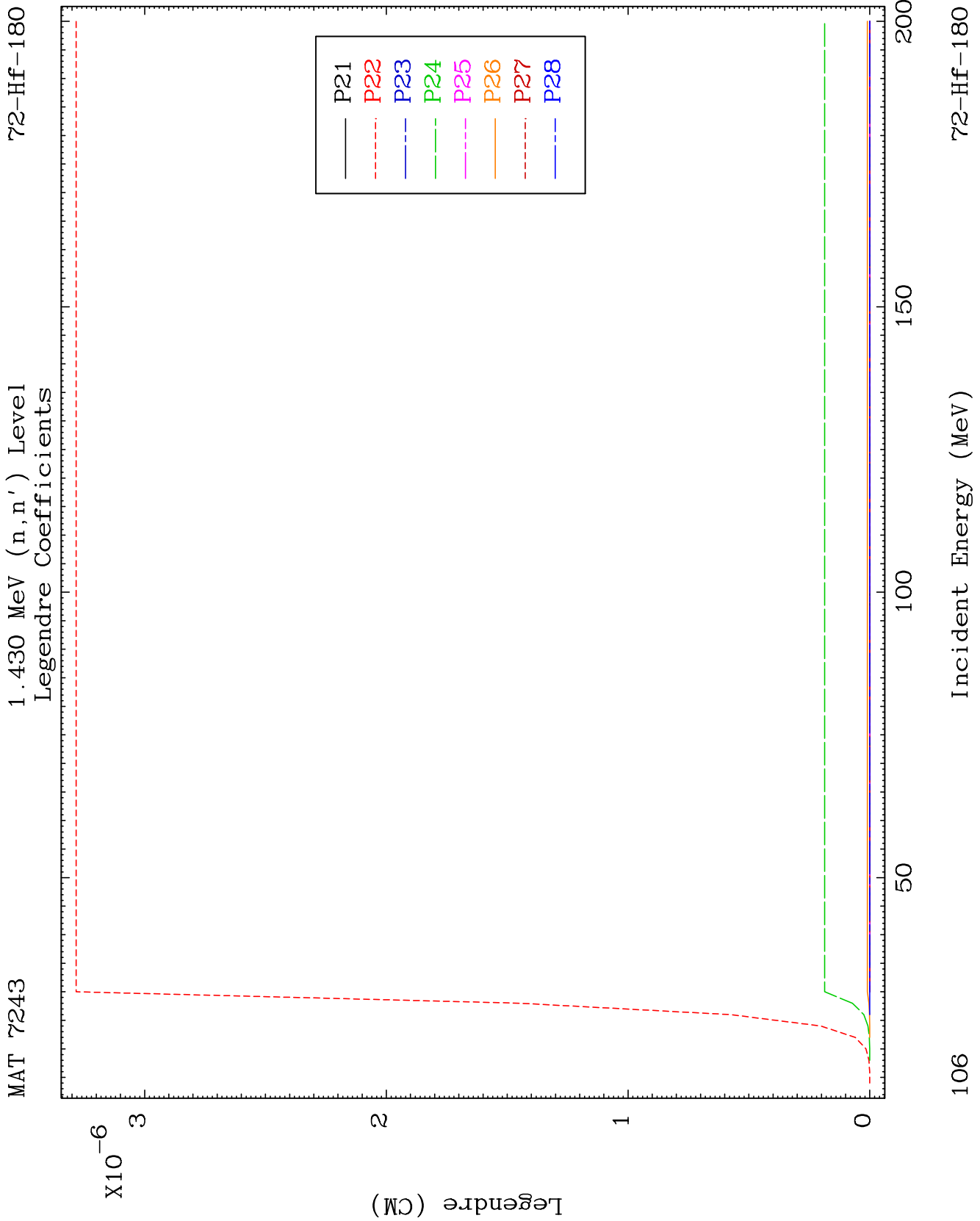
101

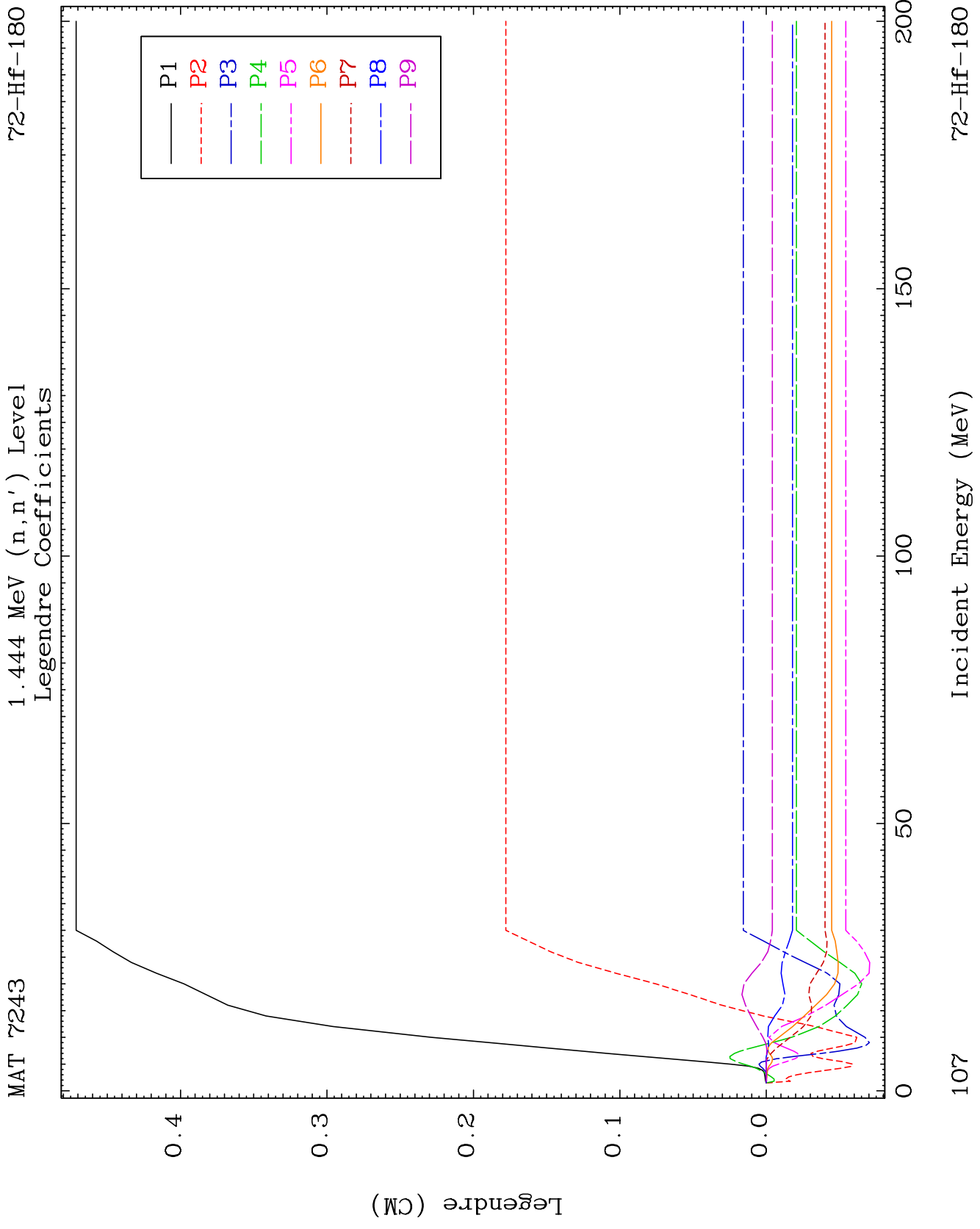


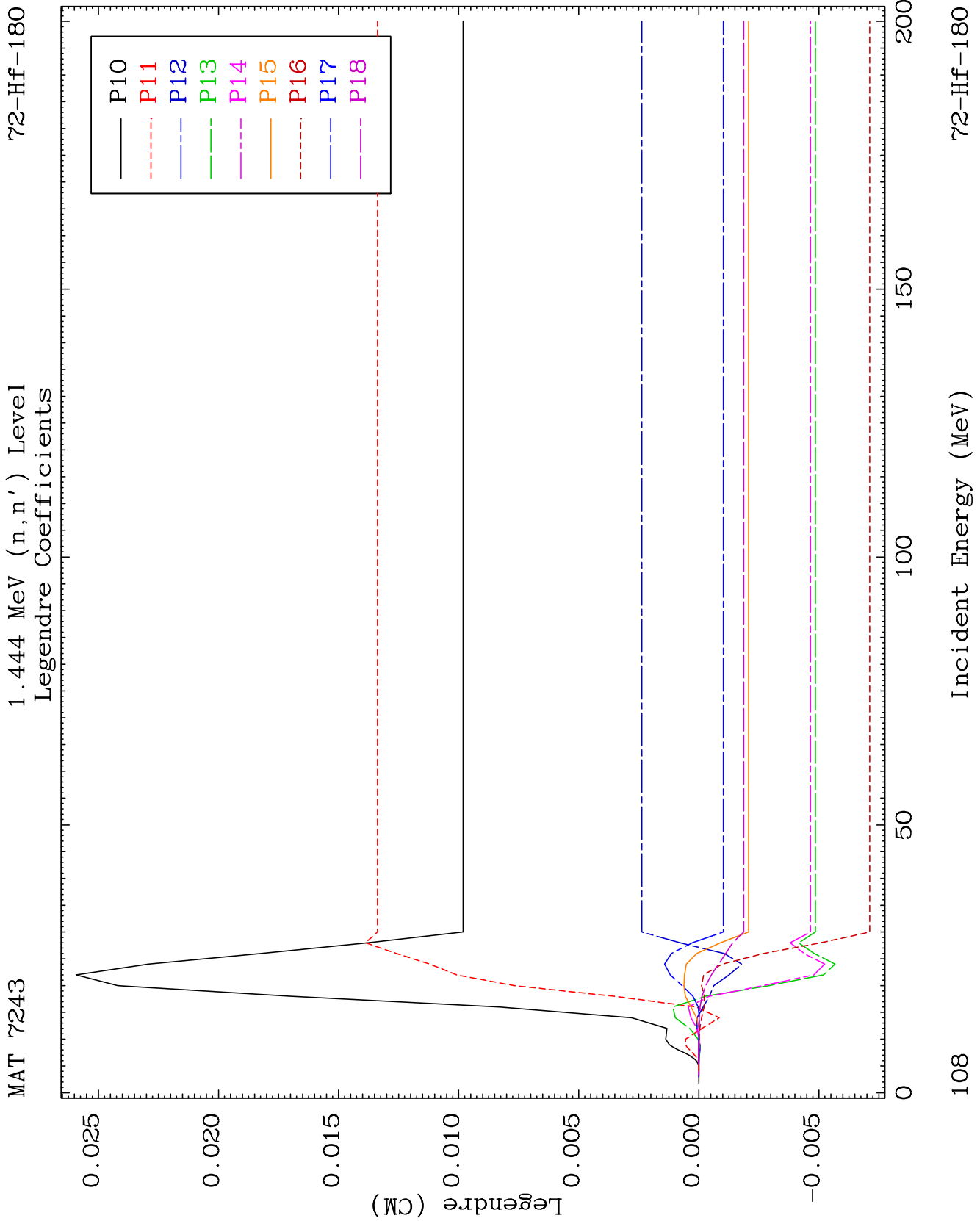


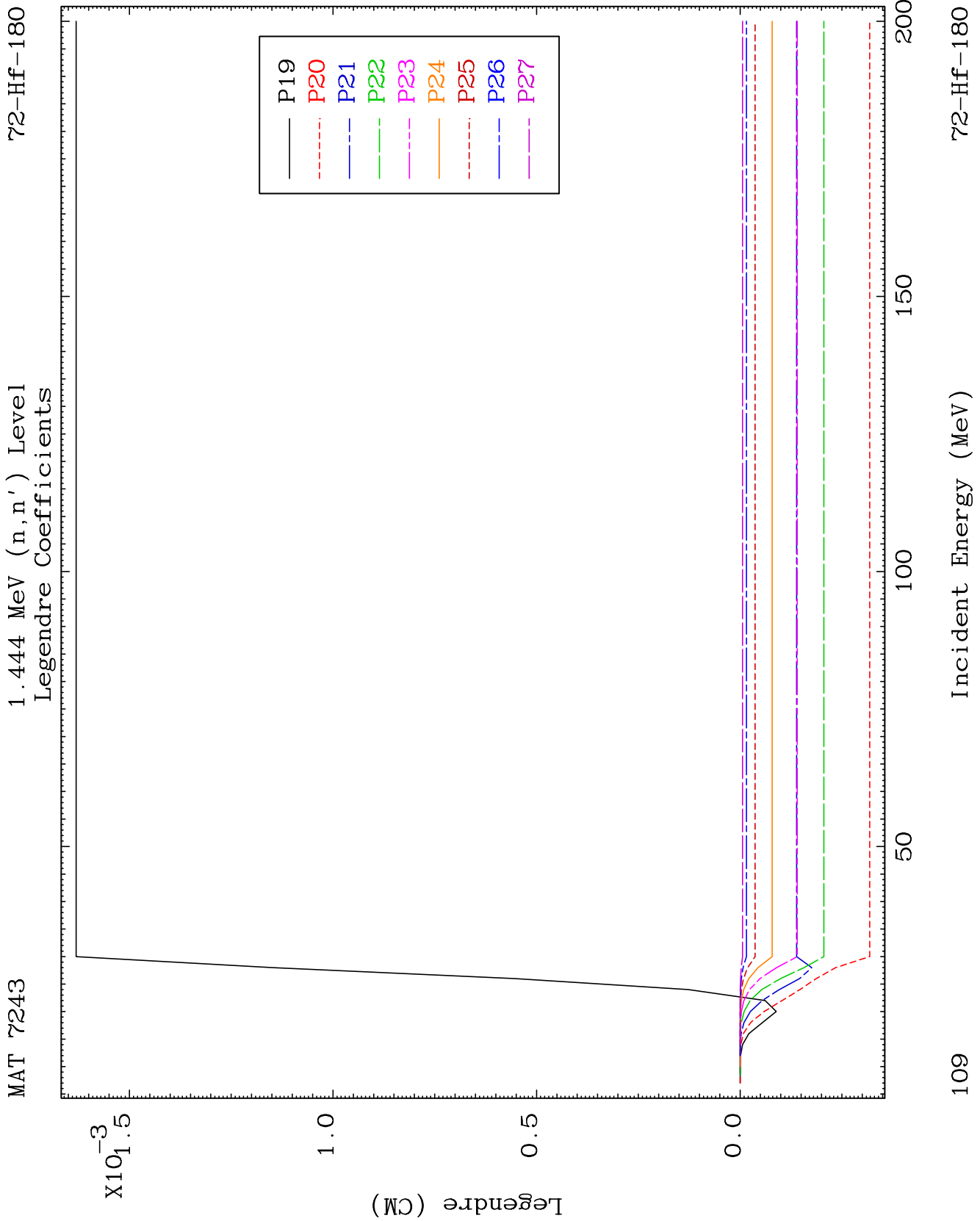


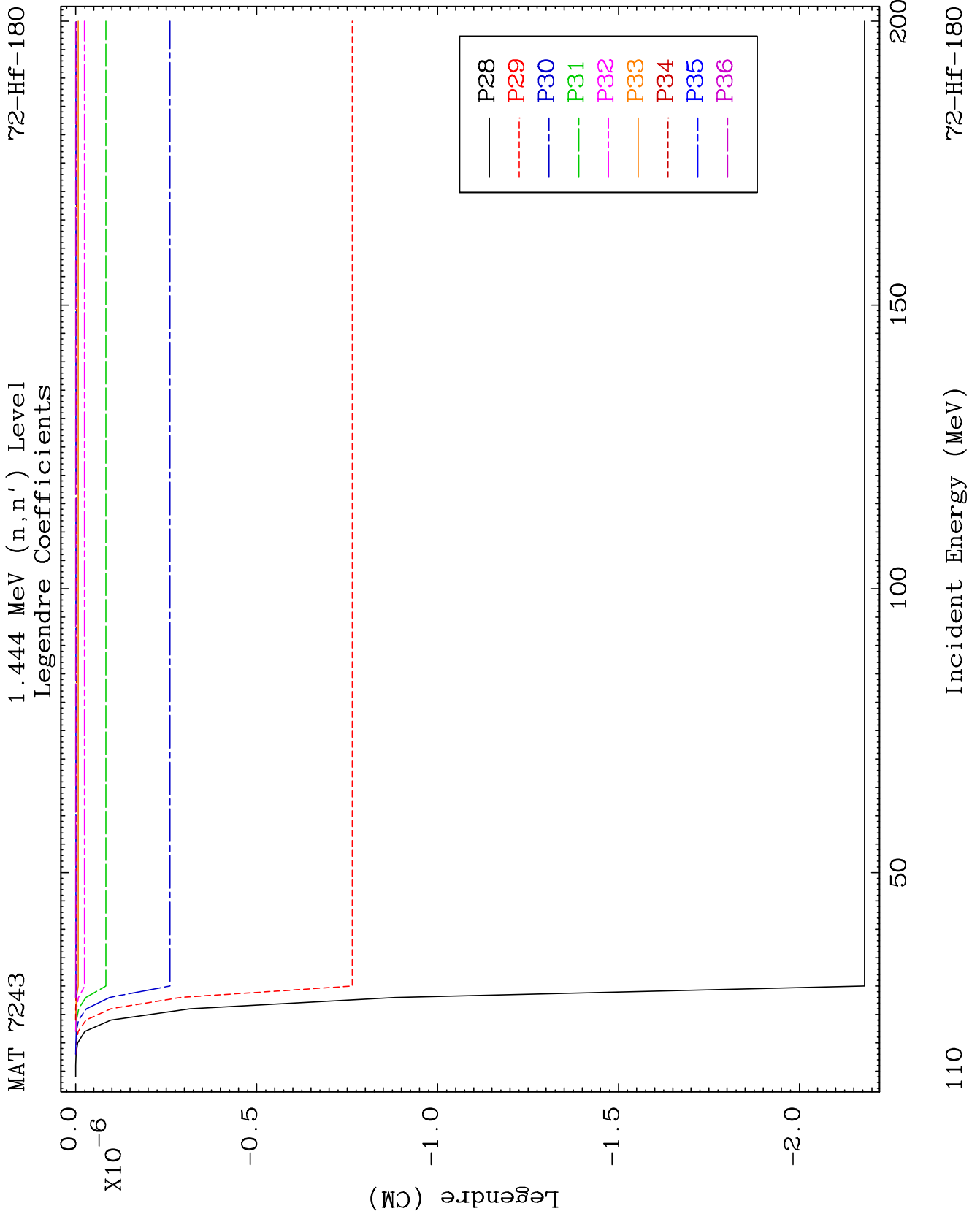








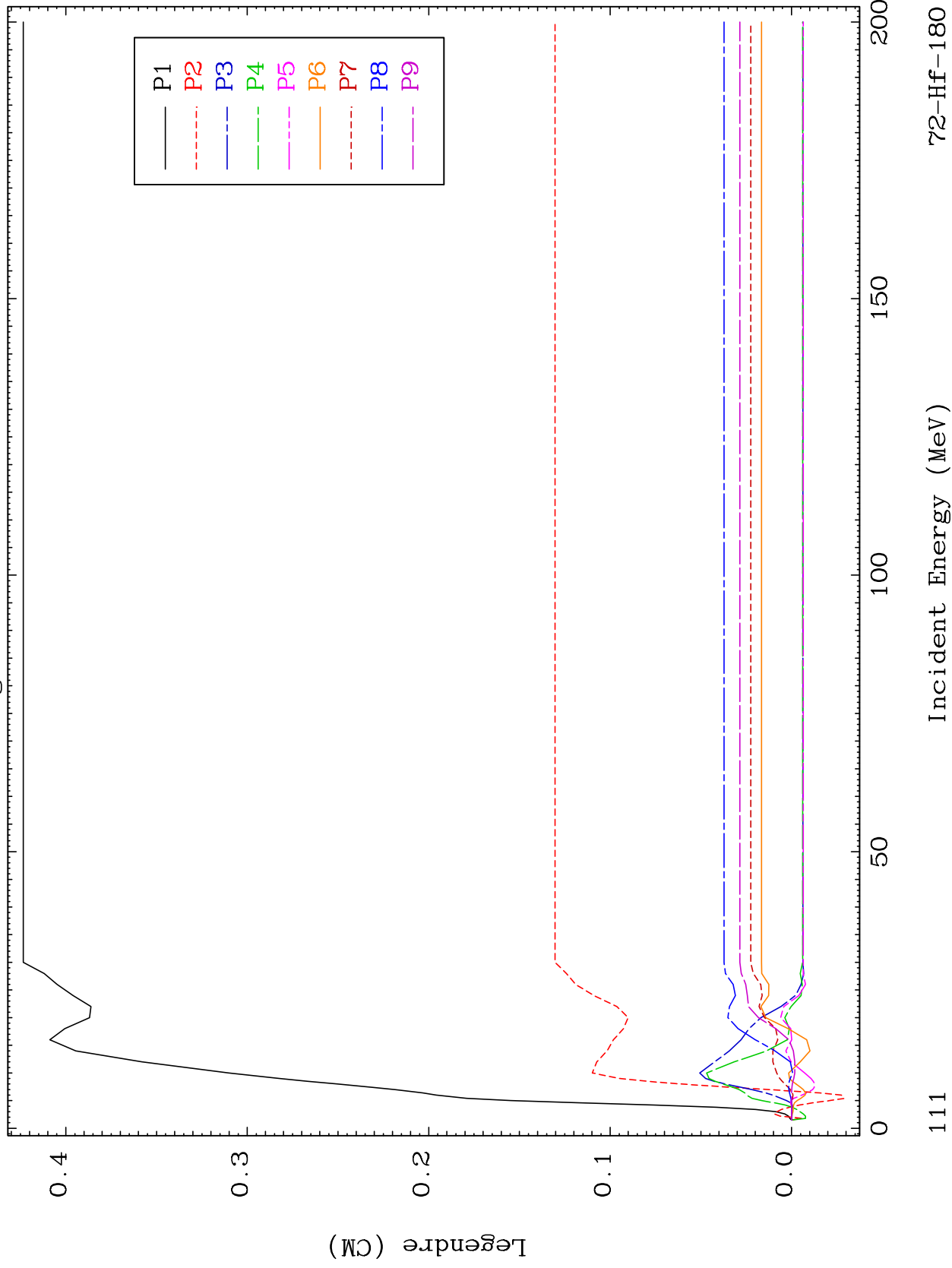




MAT 7243

1.472 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



111

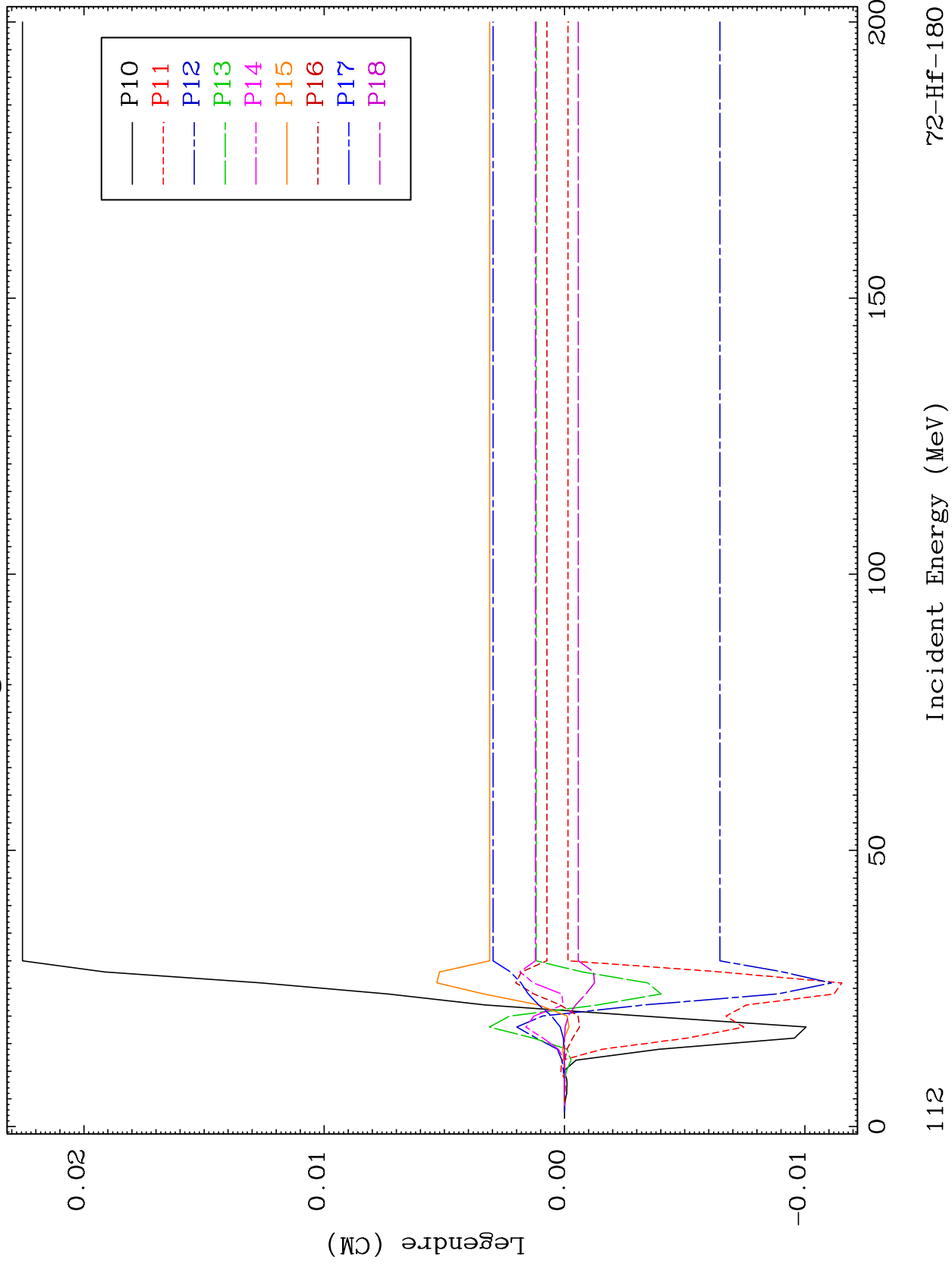
Incident Energy (MeV)

72-Hf-180

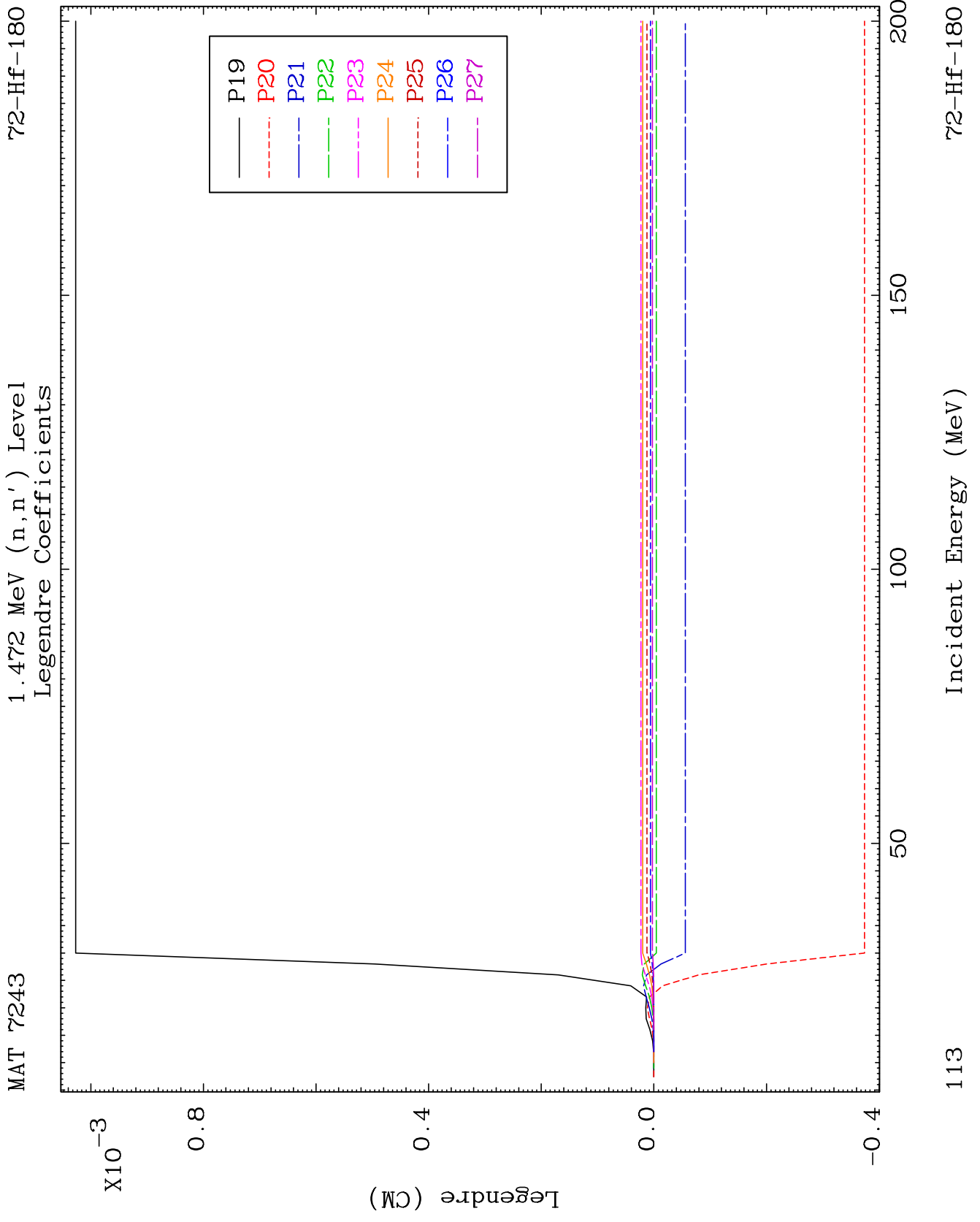
MAT 7243

1.472 MeV (n, n') Level
Legendre Coefficients

72-Hf-180



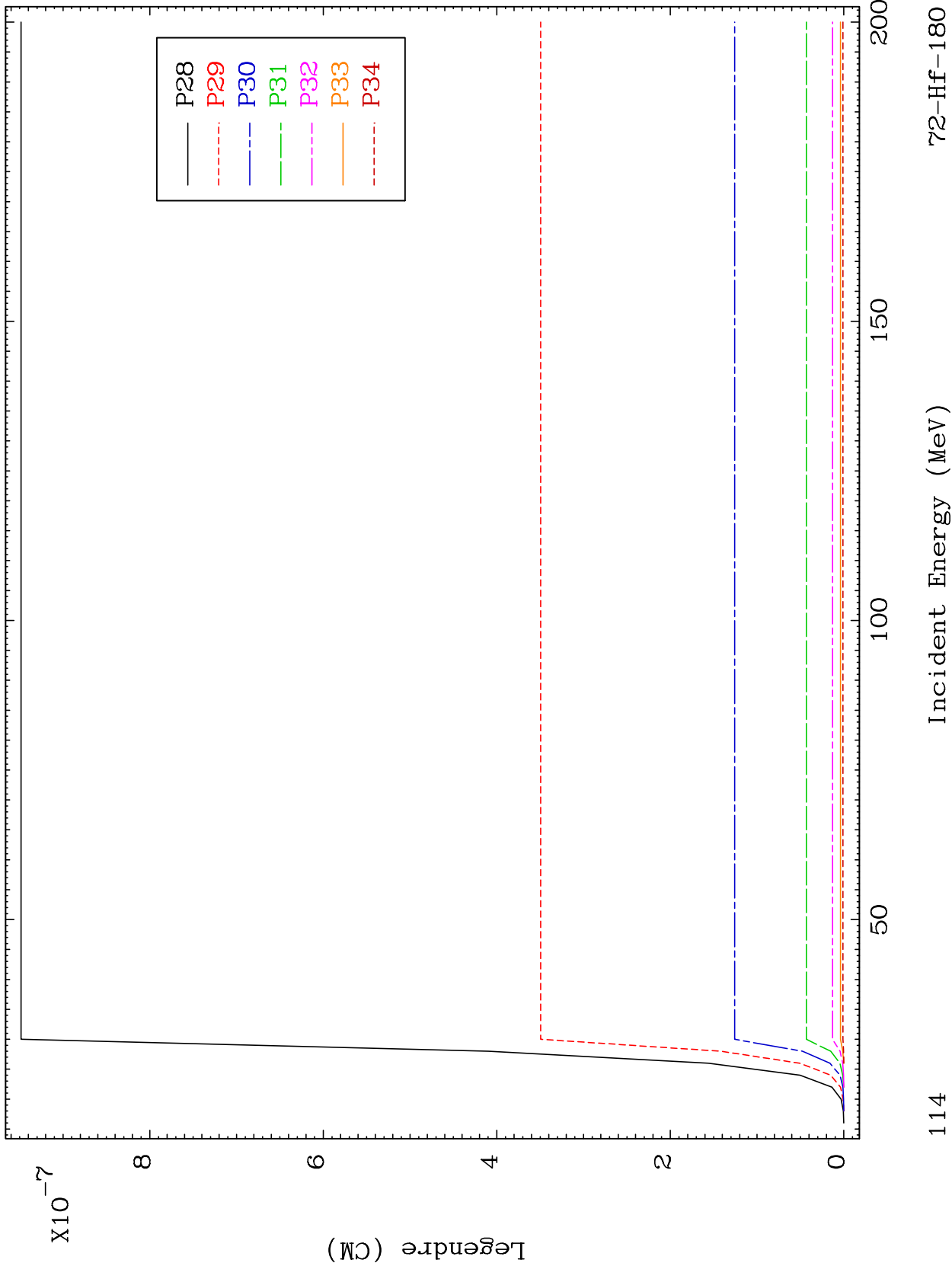
112

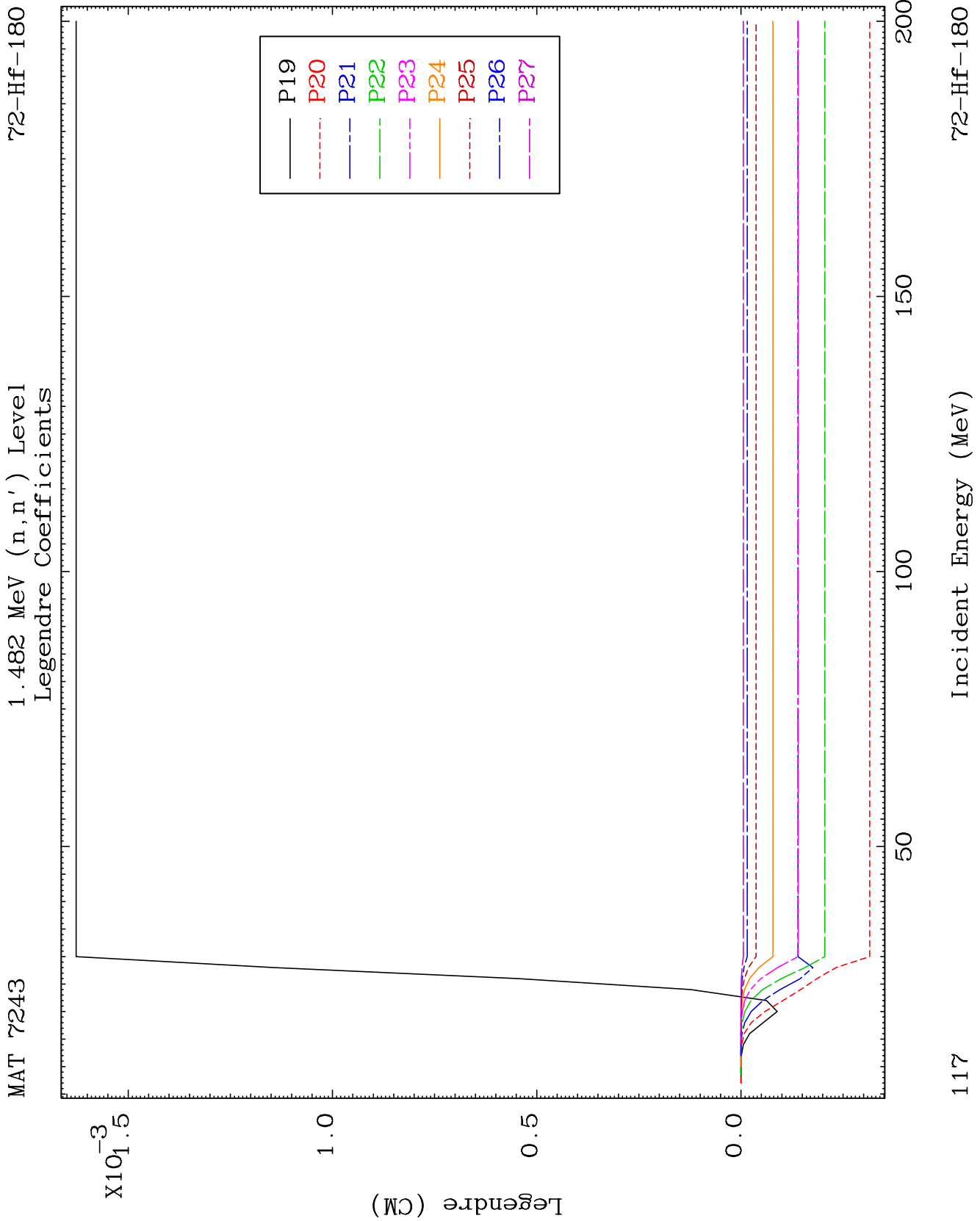


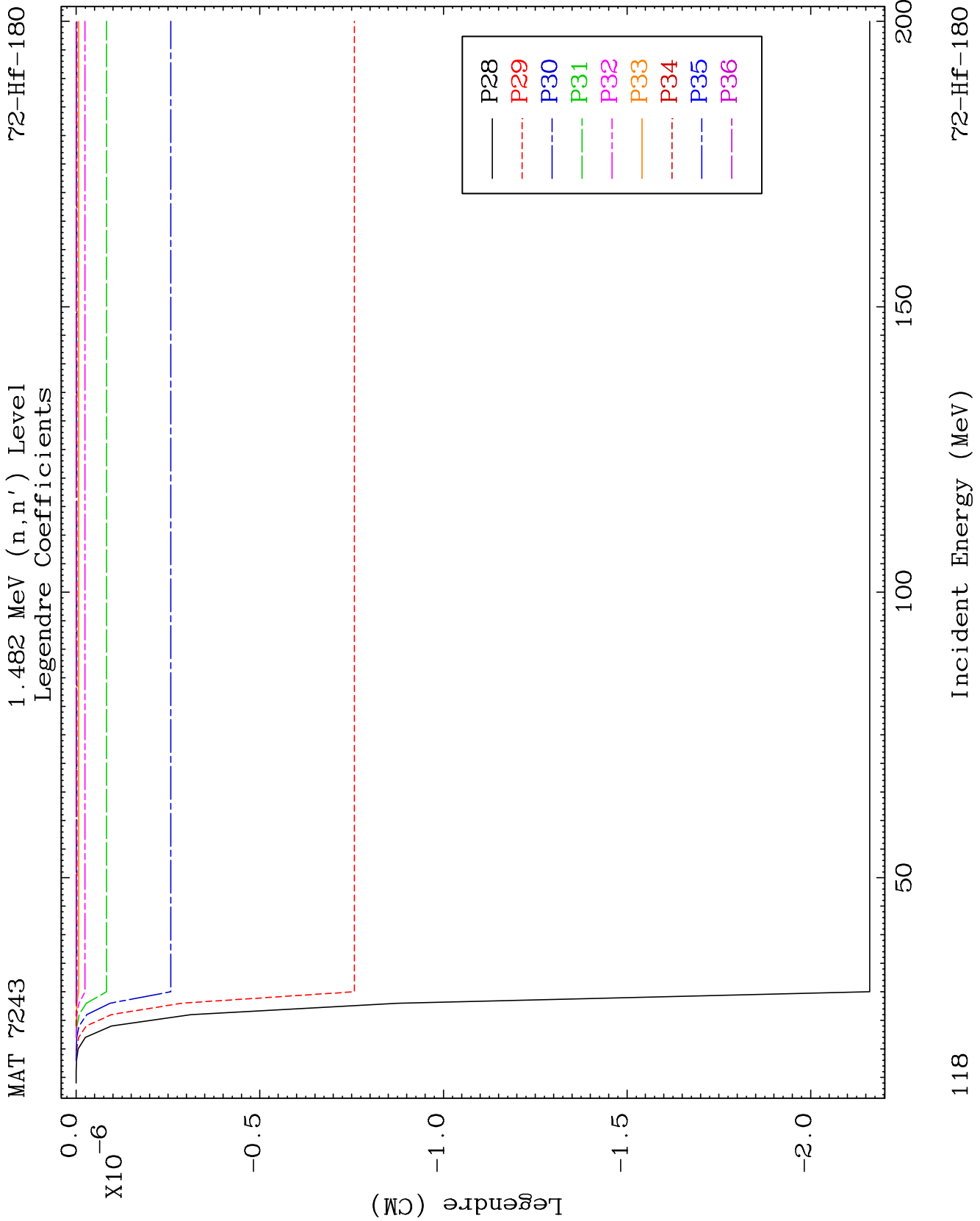
MAT 7243

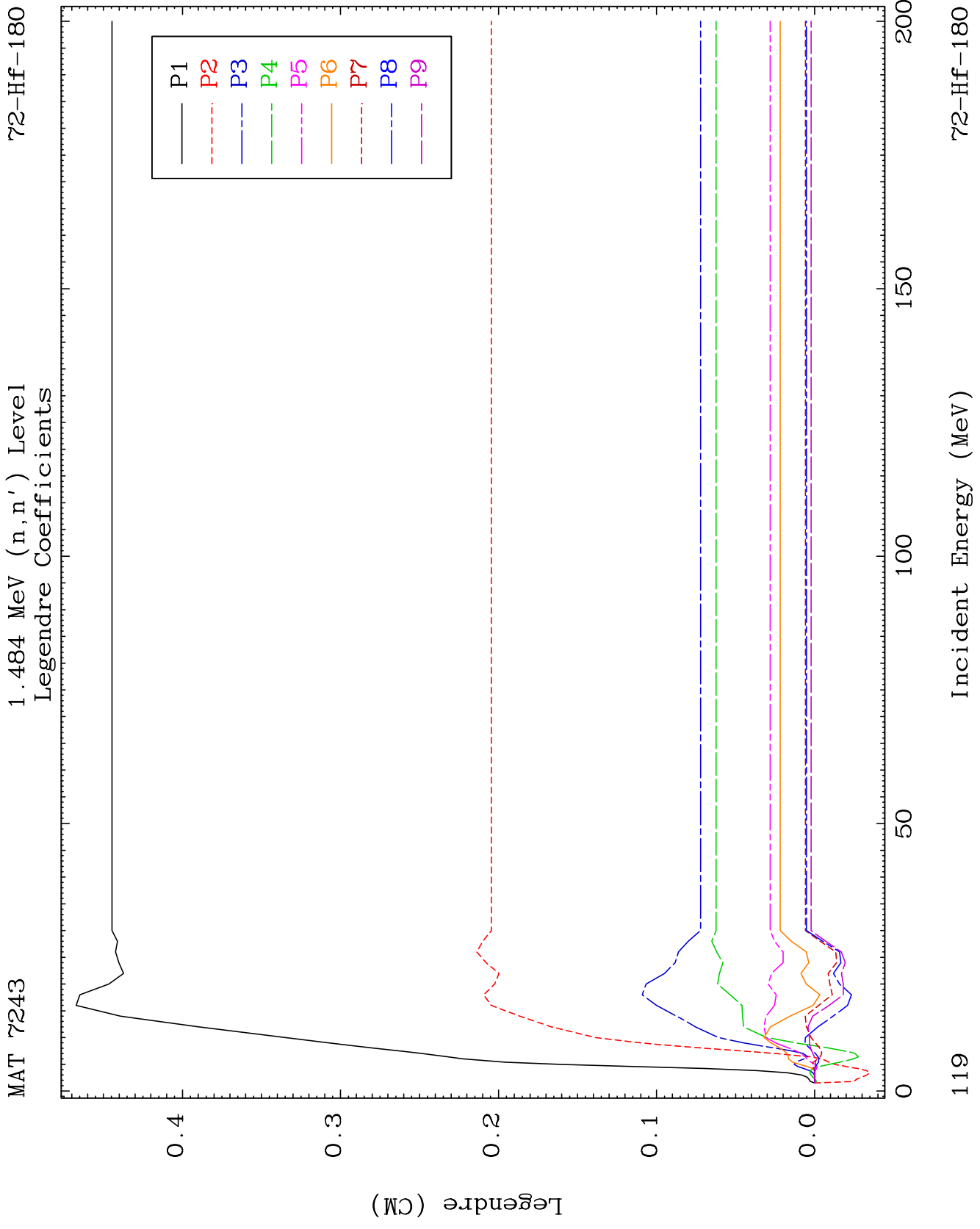
1.472 MeV (n, n') Level
Legendre Coefficients

72-Hf-180





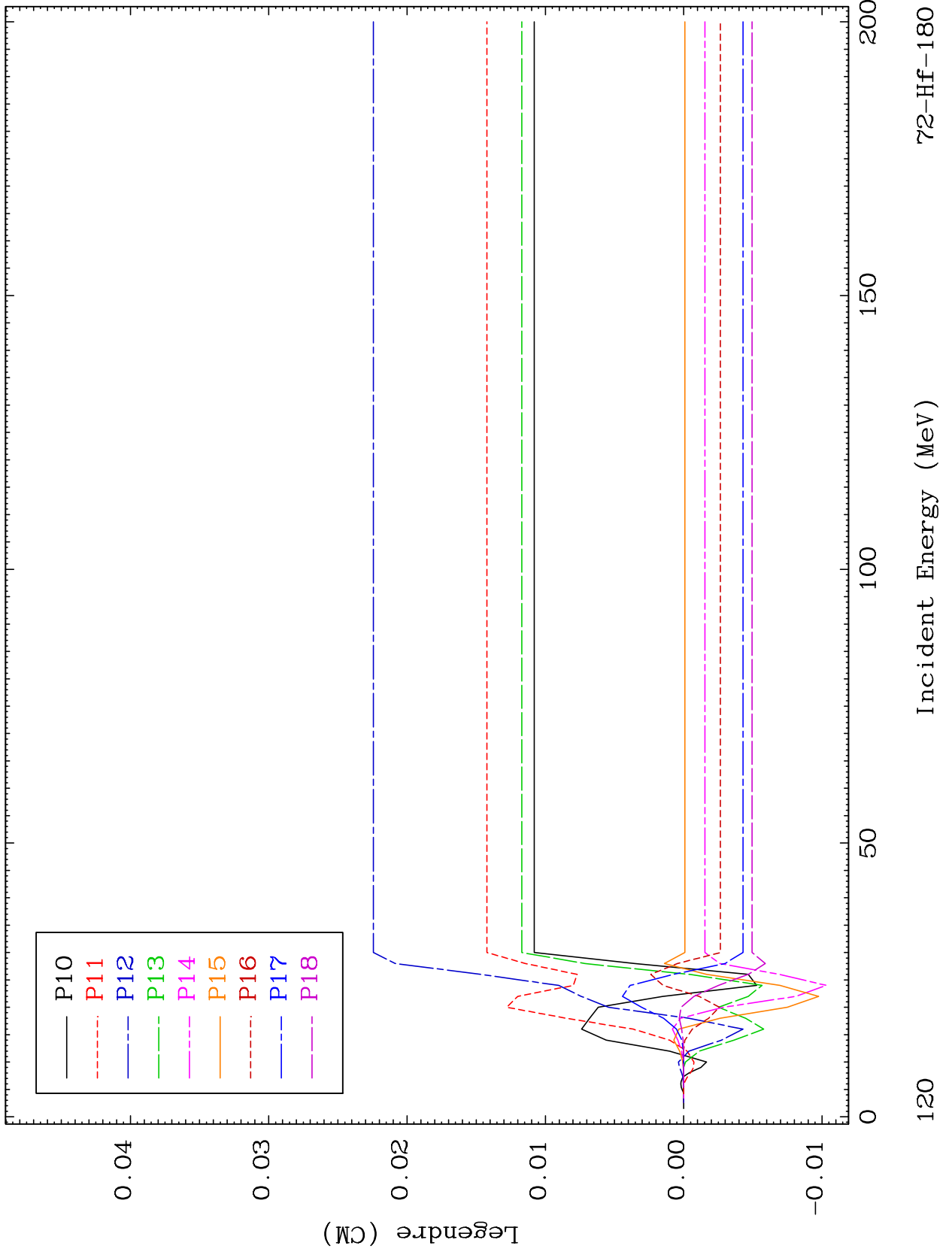




MAT 7243

1.484 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



72-Hf-180

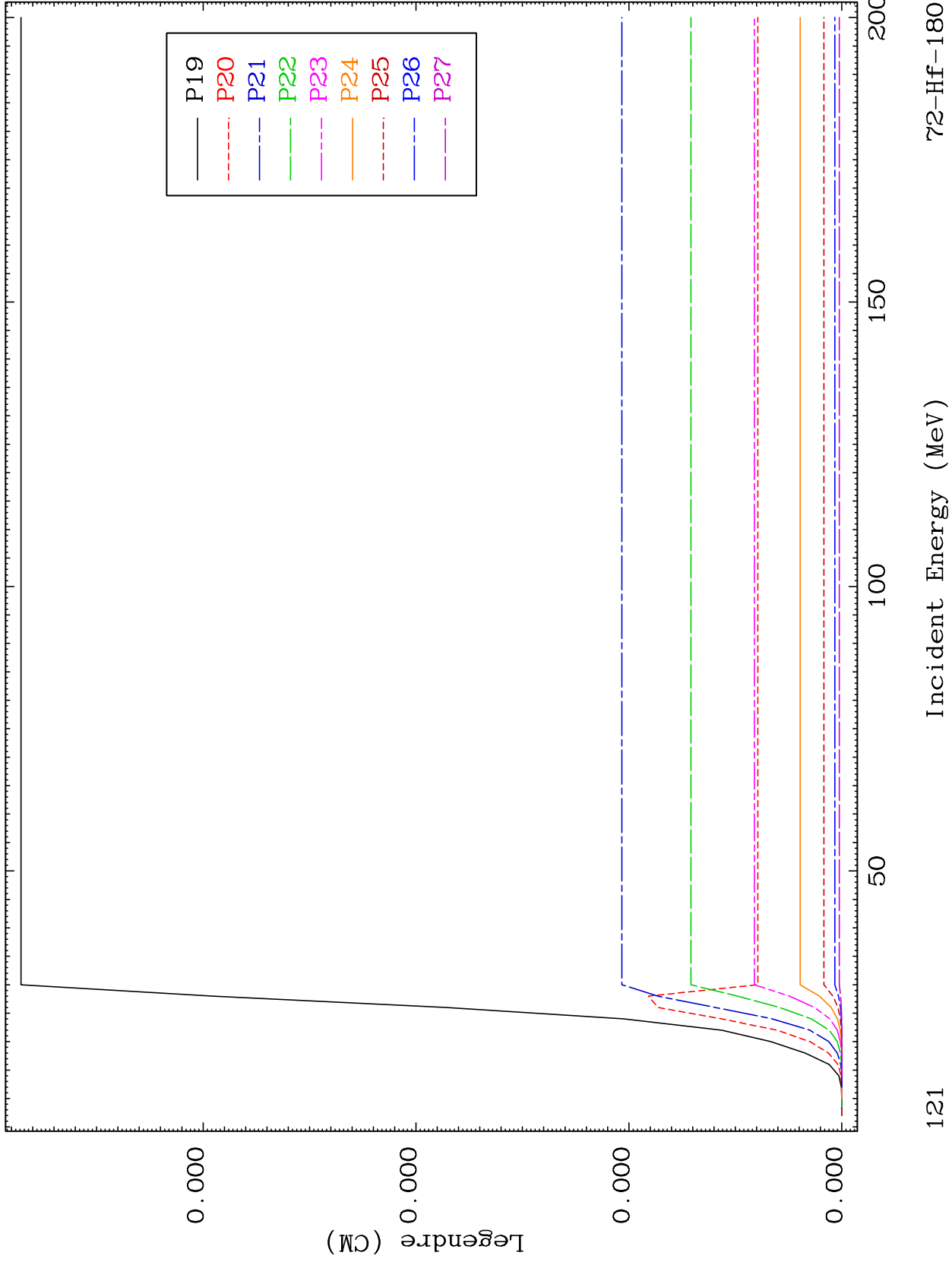
Incident Energy (MeV)

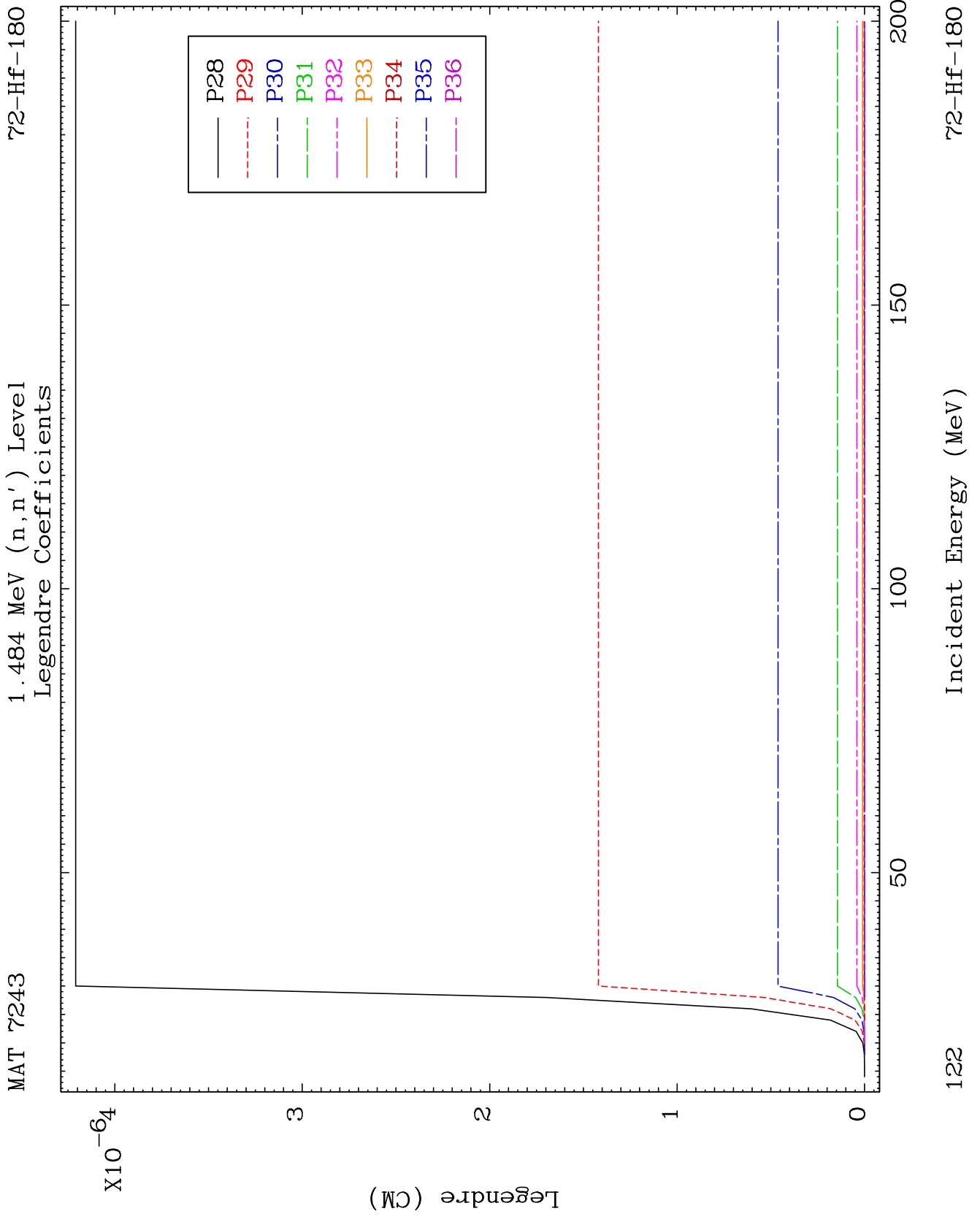
120

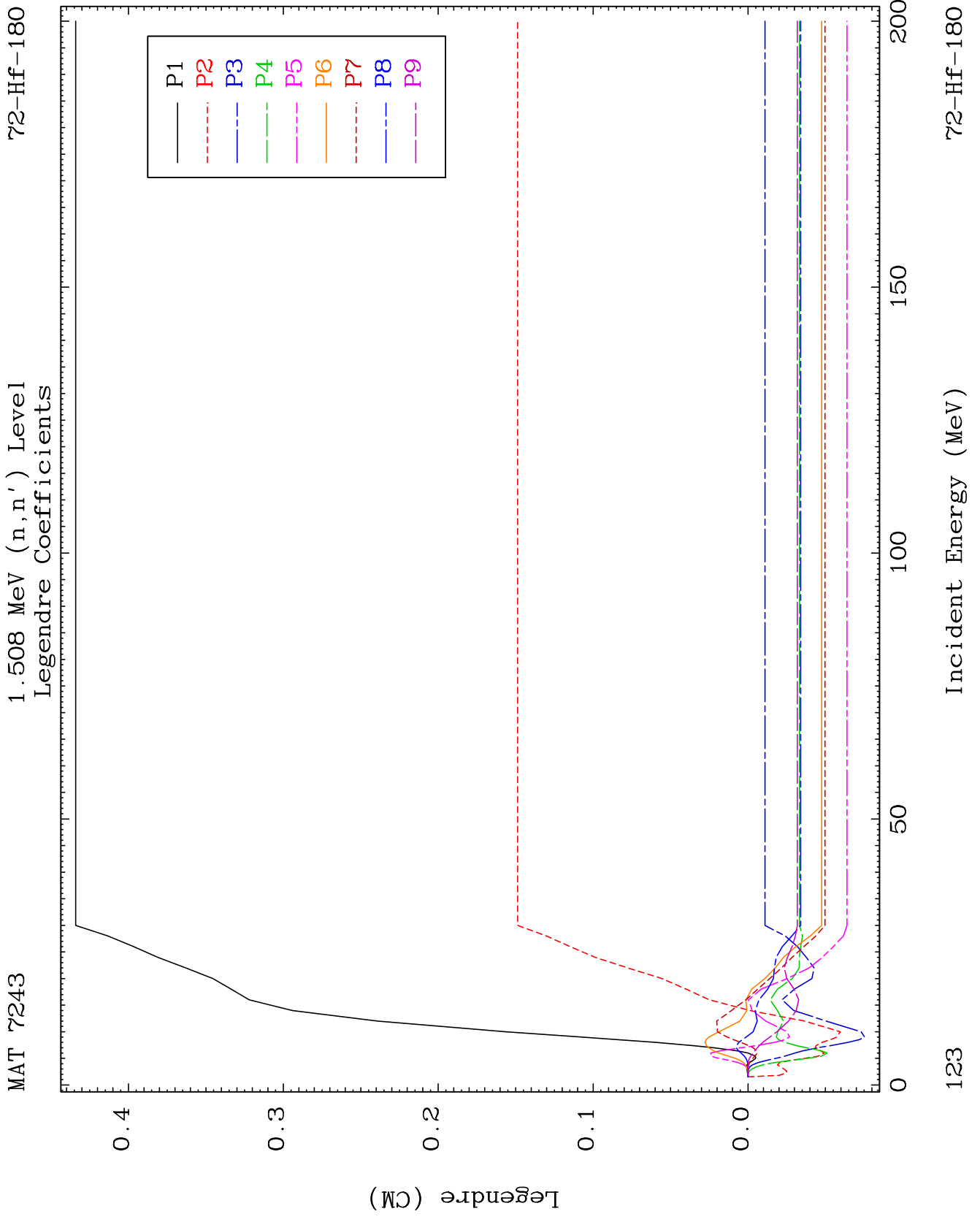
MAT 7243

1.484 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



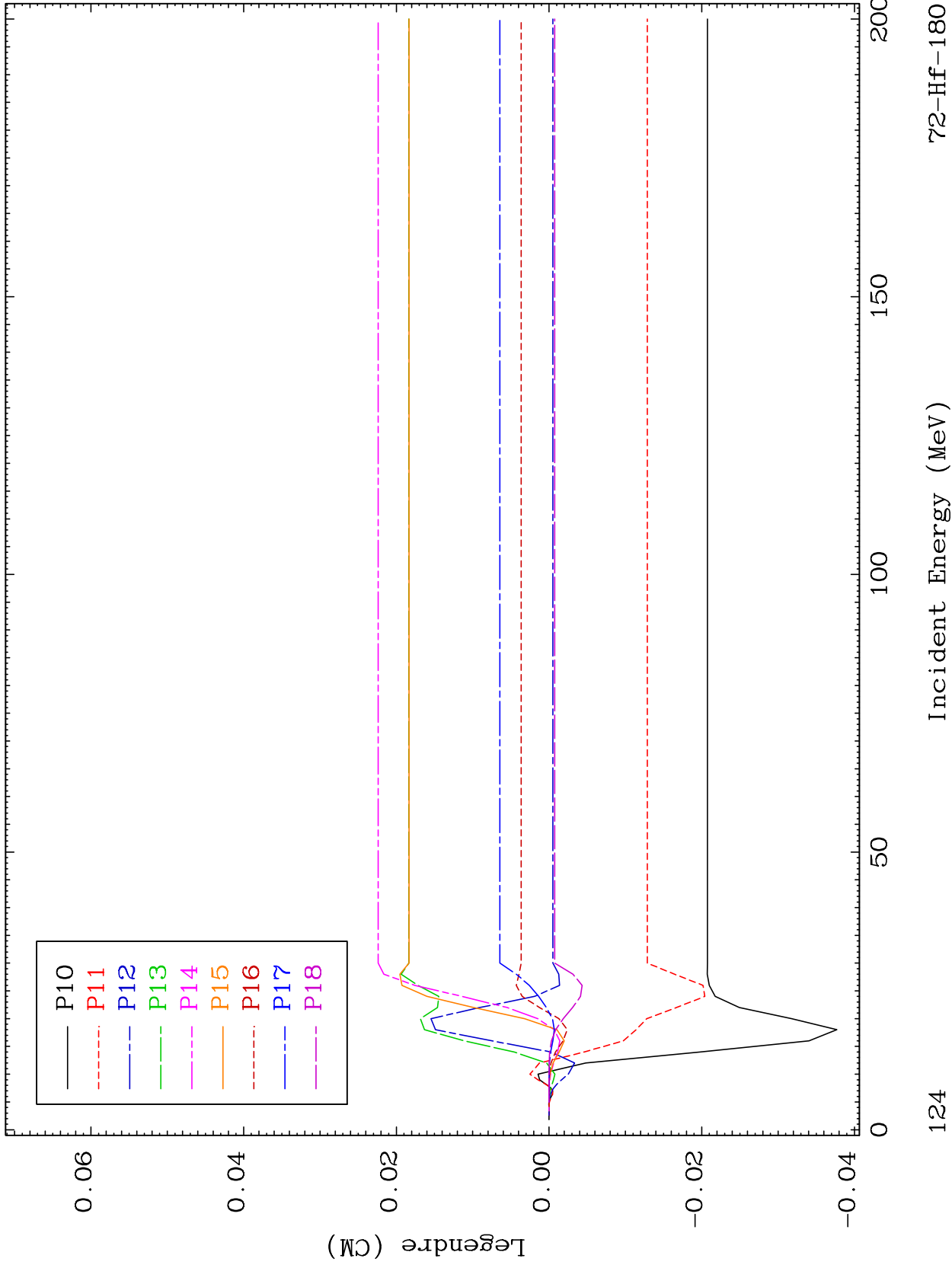




MAT 7243

1.508 MeV (n,n') Level
Legendre Coefficients

72-Hf-180



124

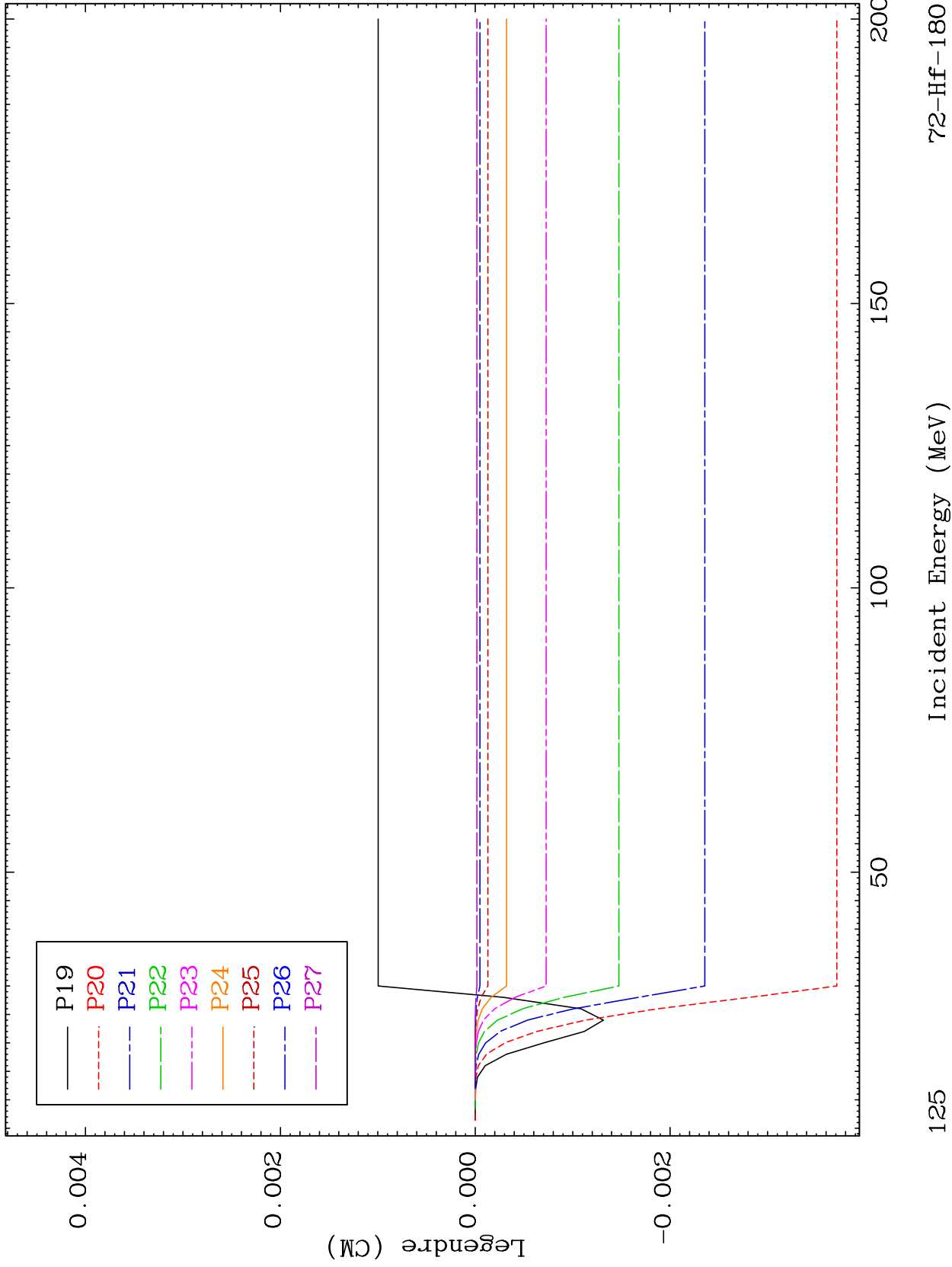
Incident Energy (MeV)

72-Hf-180

MAT 7243

1.508 MeV (n,n') Level
Legendre Coefficients

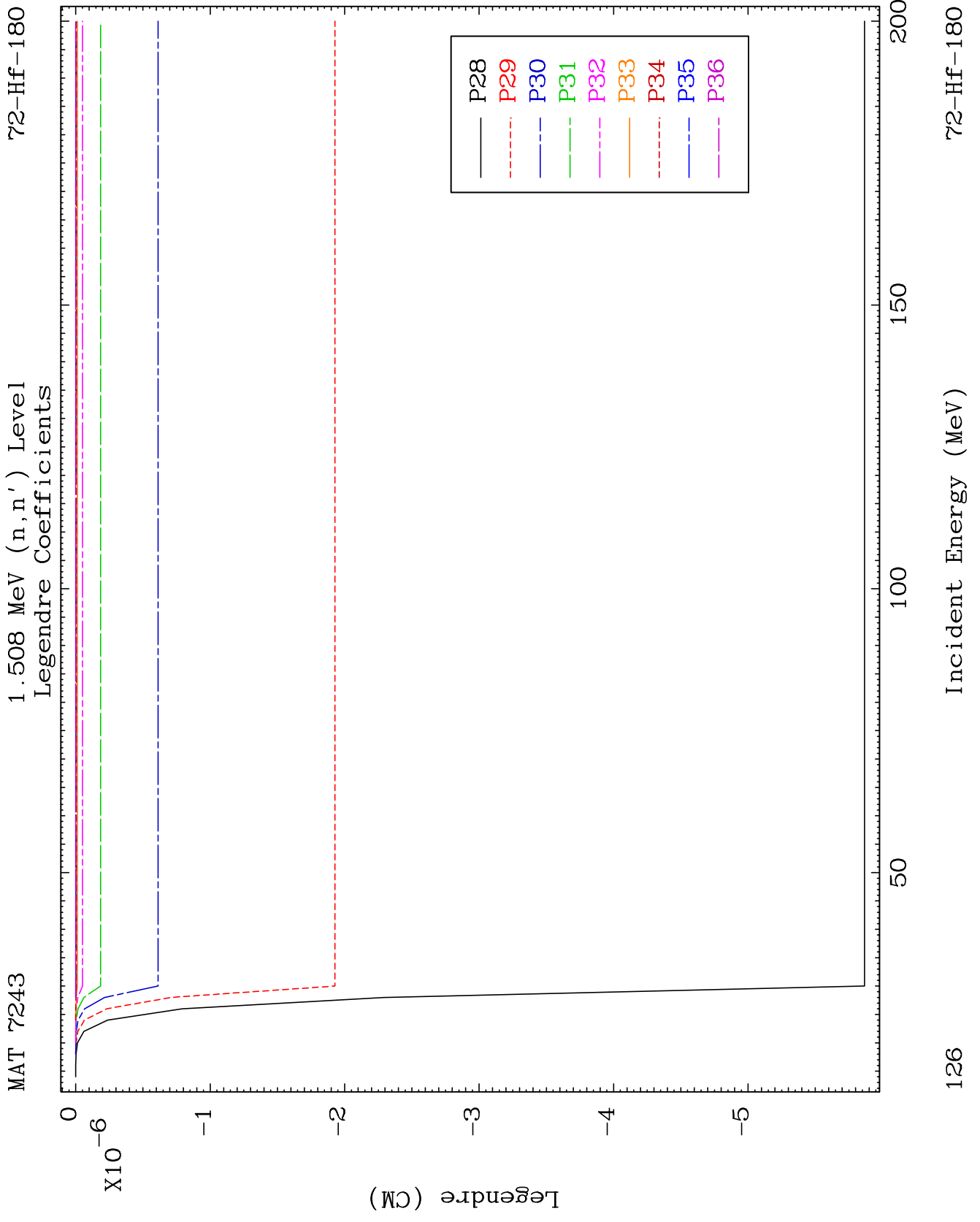
72-Hf-180

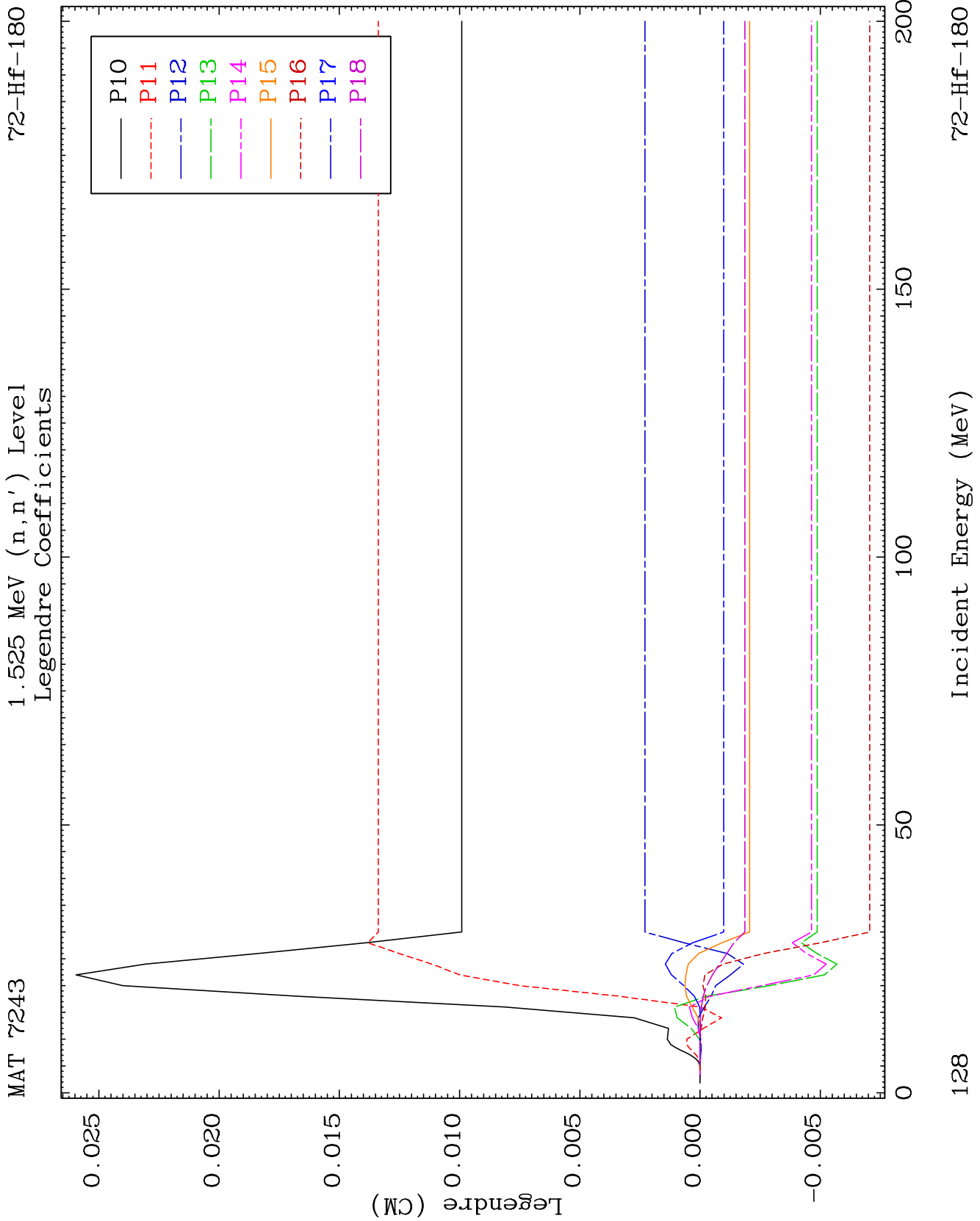


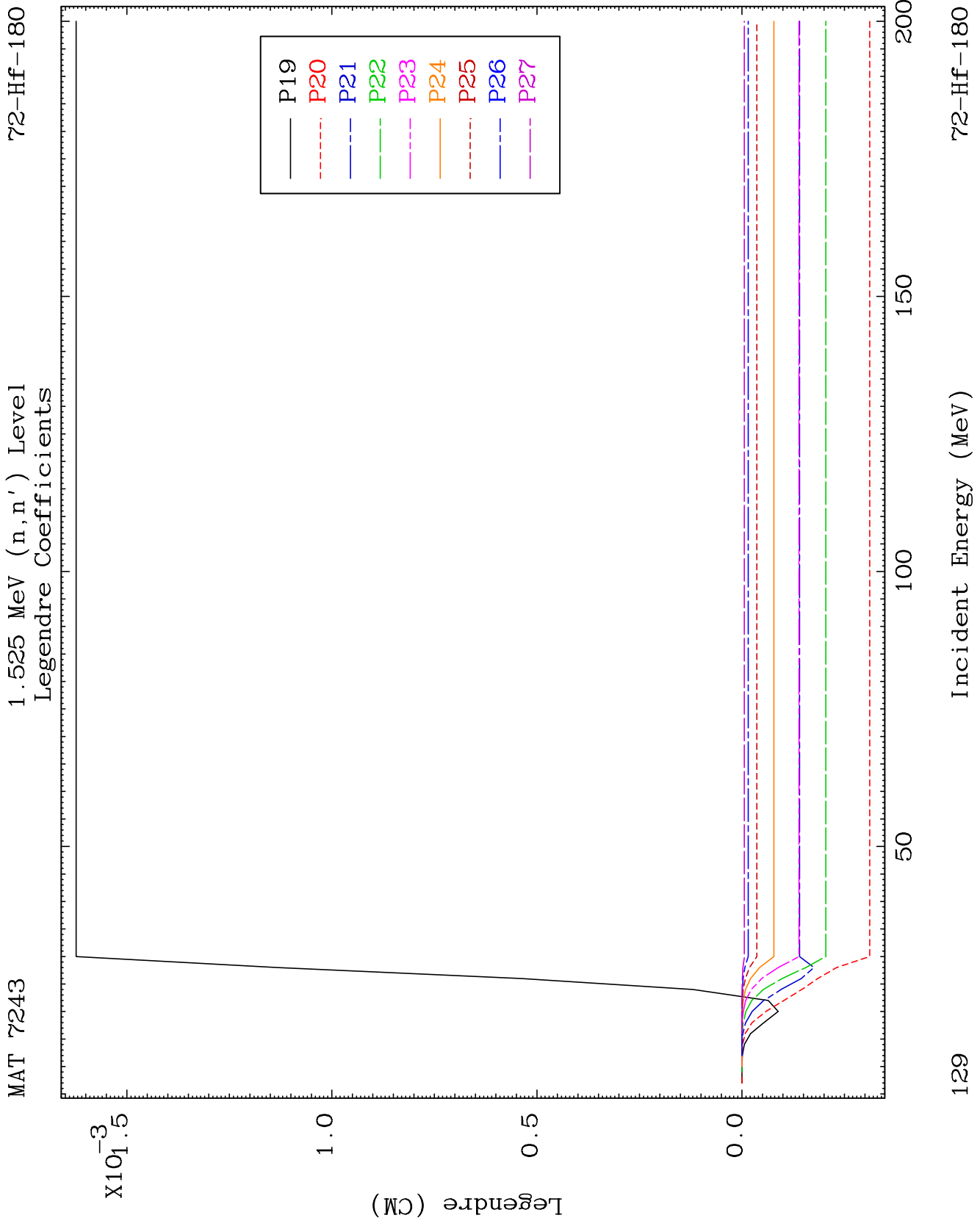
125

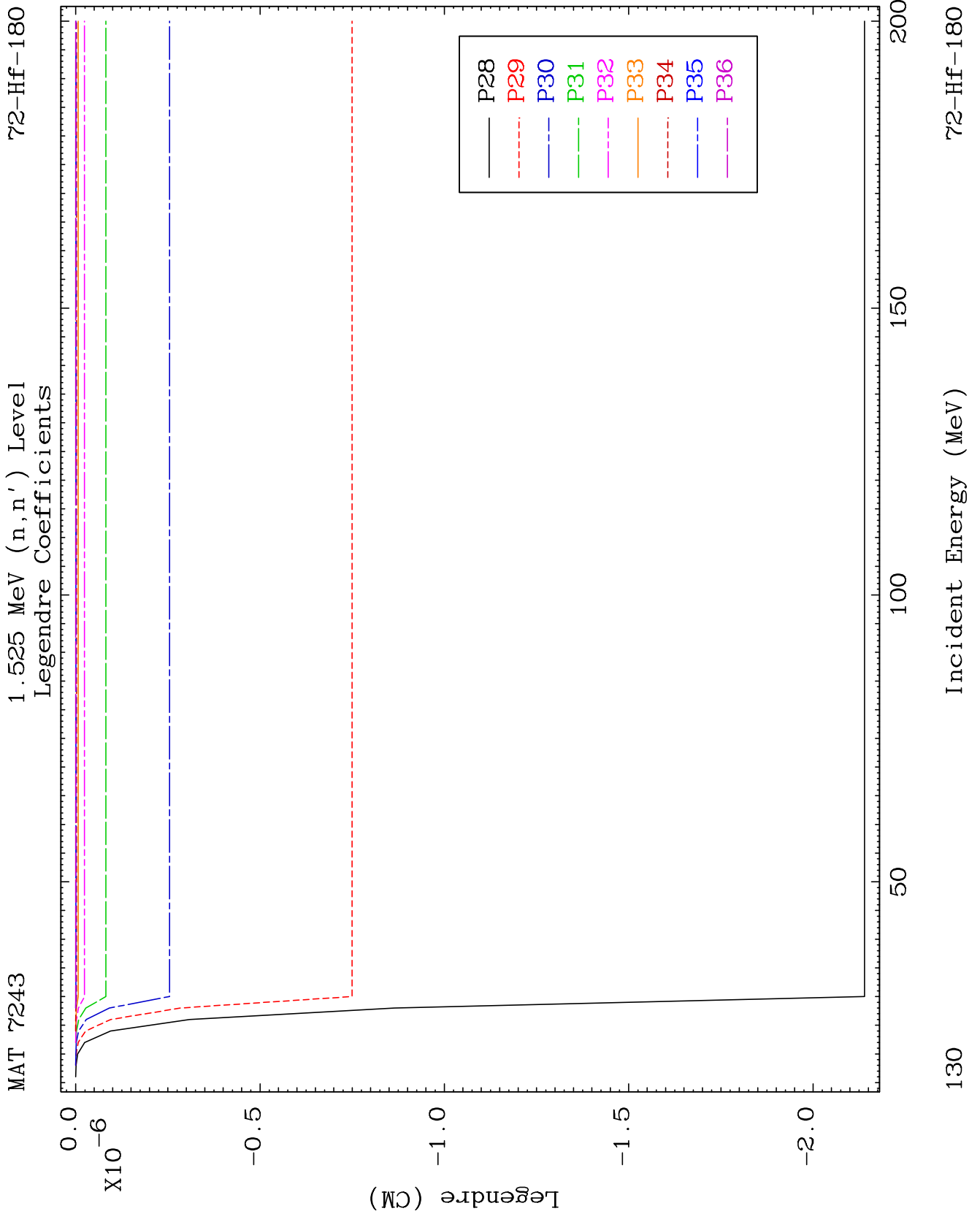
Incident Energy (MeV)

72-Hf-180





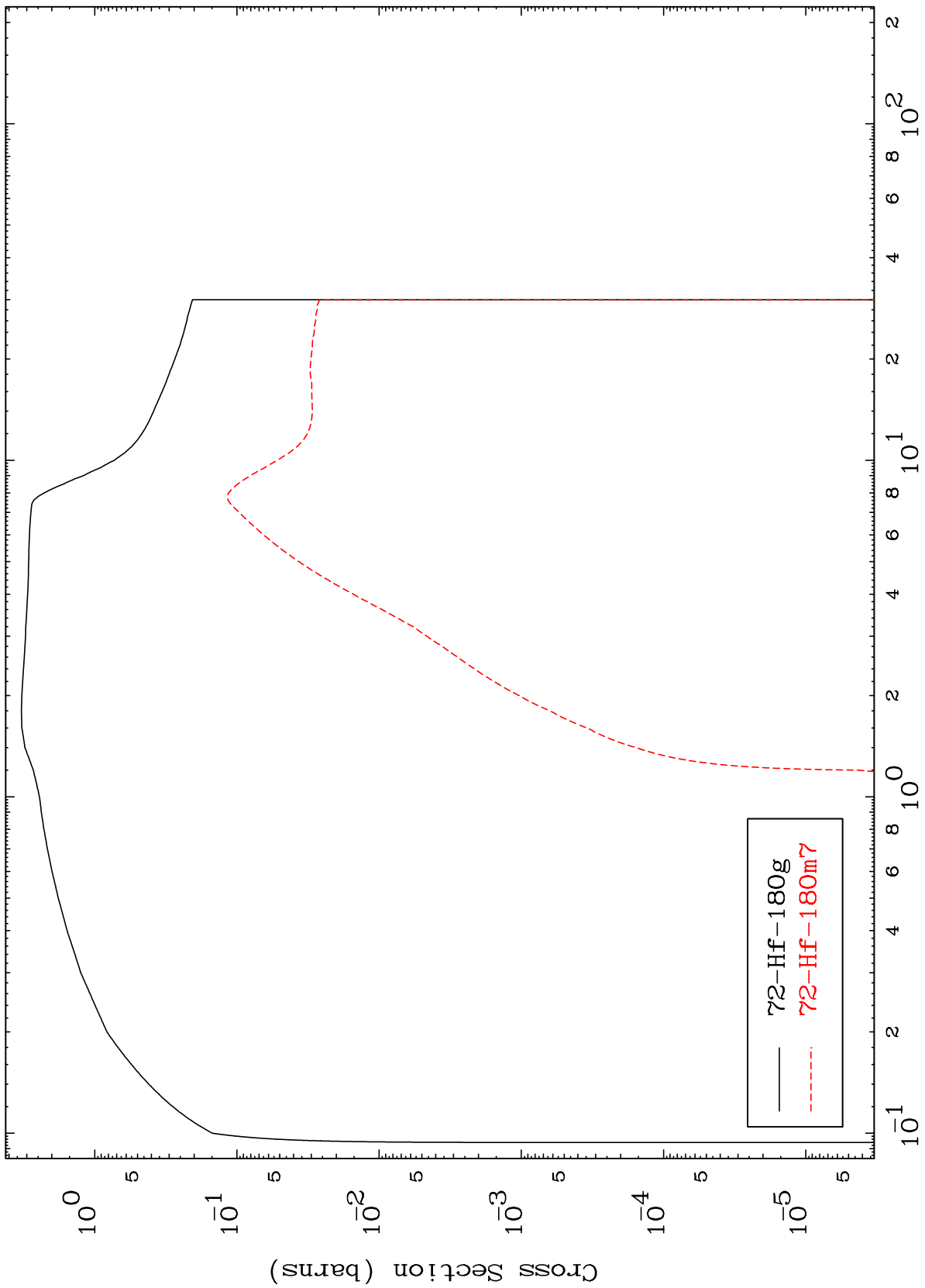




MAT 7243

72-Hf-180

Inelastic Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m7

Incident Energy (MeV)

72-Hf-180

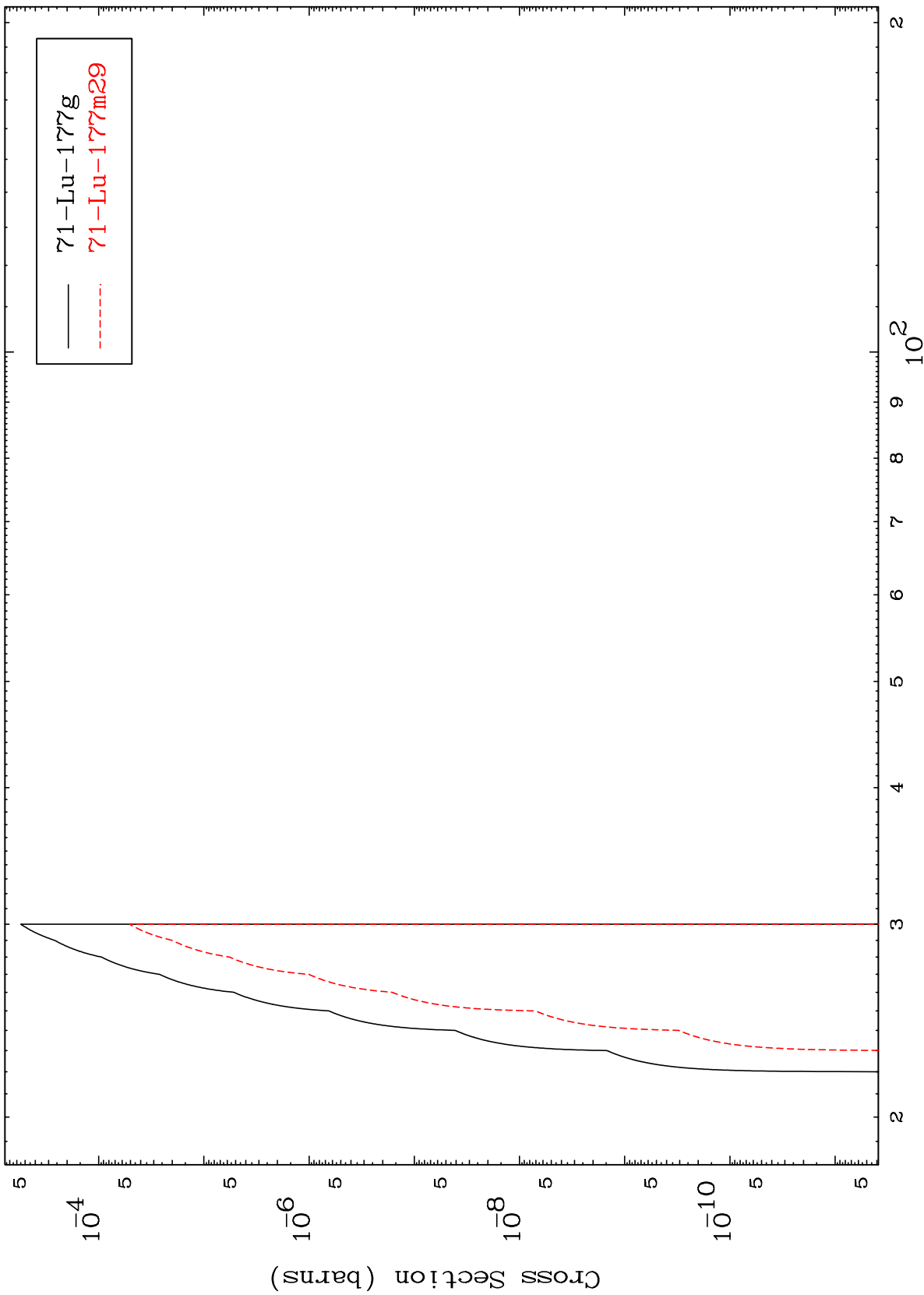
131

MAT 7243

(n,2n) d

72-Hf-180

Radionuclide Production Cross Section



132

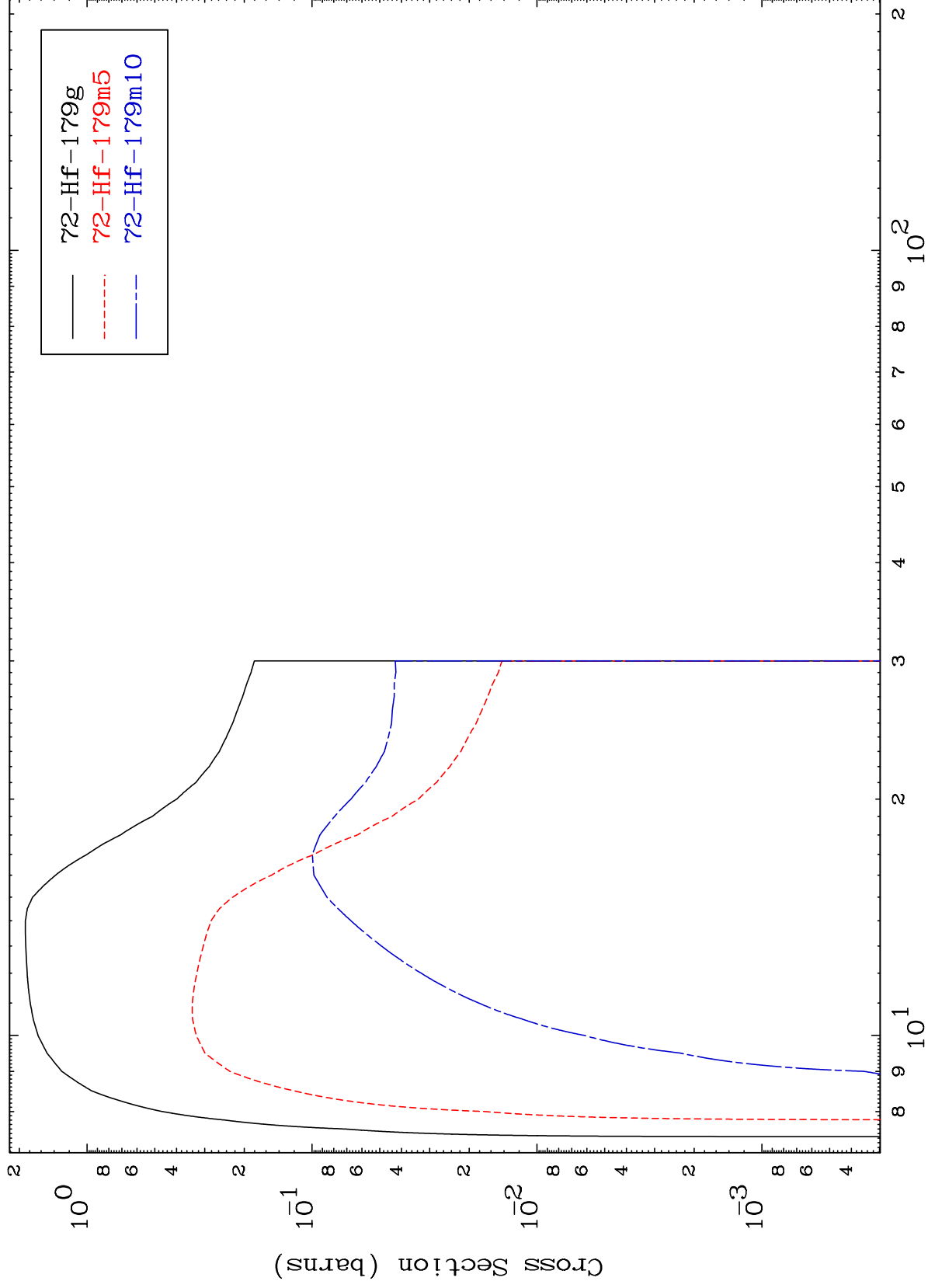
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n,2n)
Radionuclide Production Cross Section



133

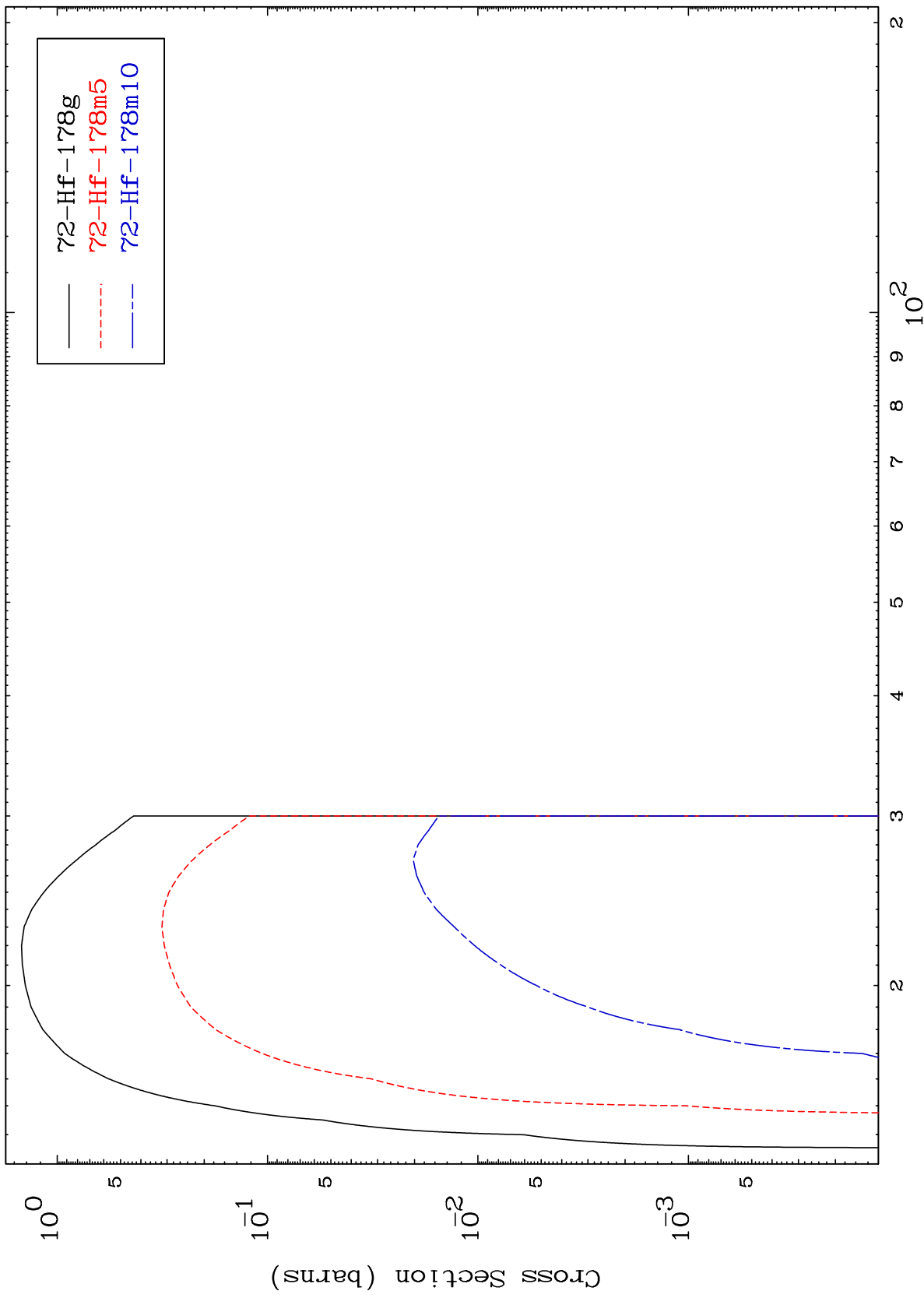
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n,3n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

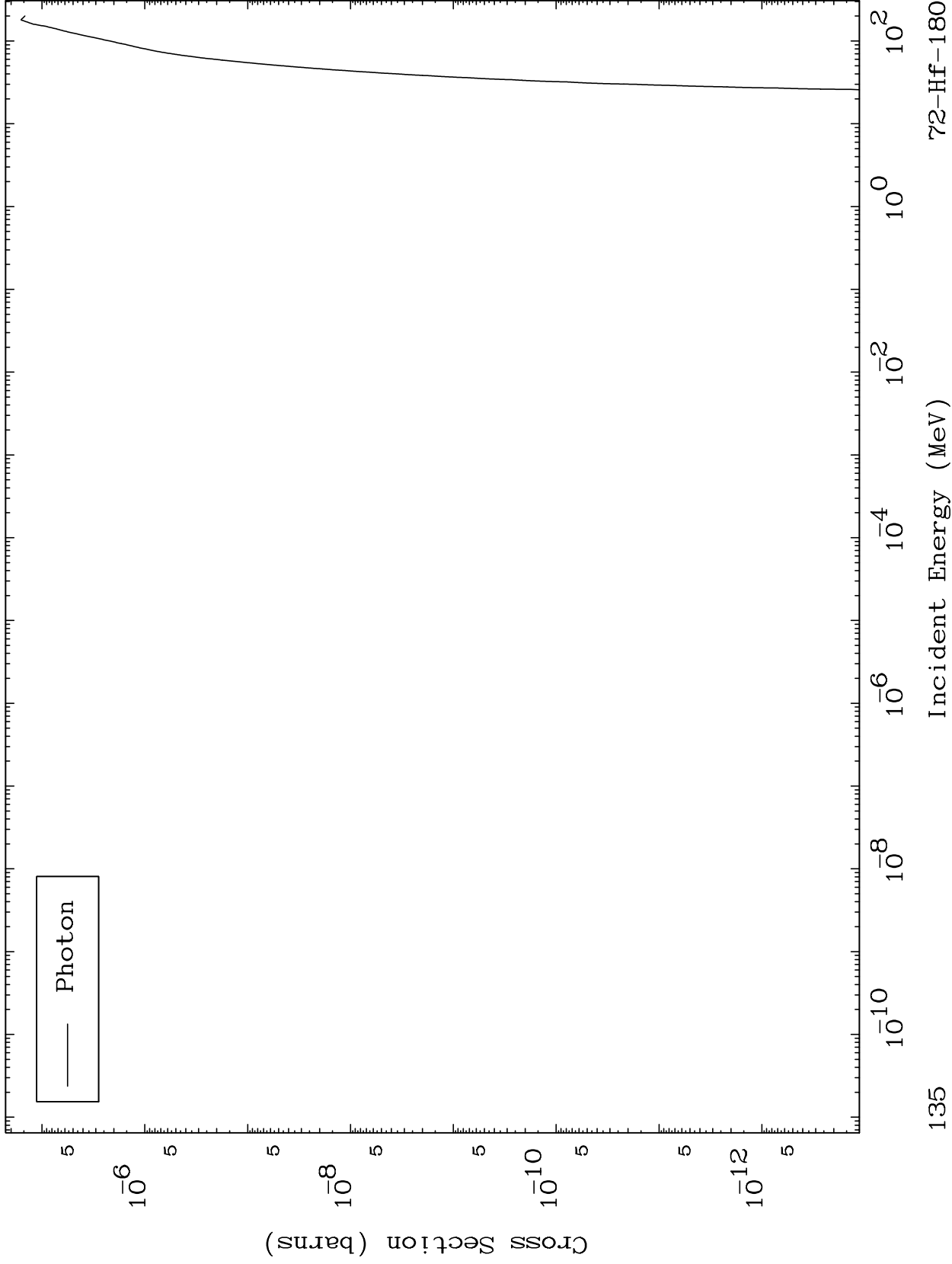
72-Hf-180

MAT 7243

Fission

72-Hf-180

Radionuclide Production Cross Section

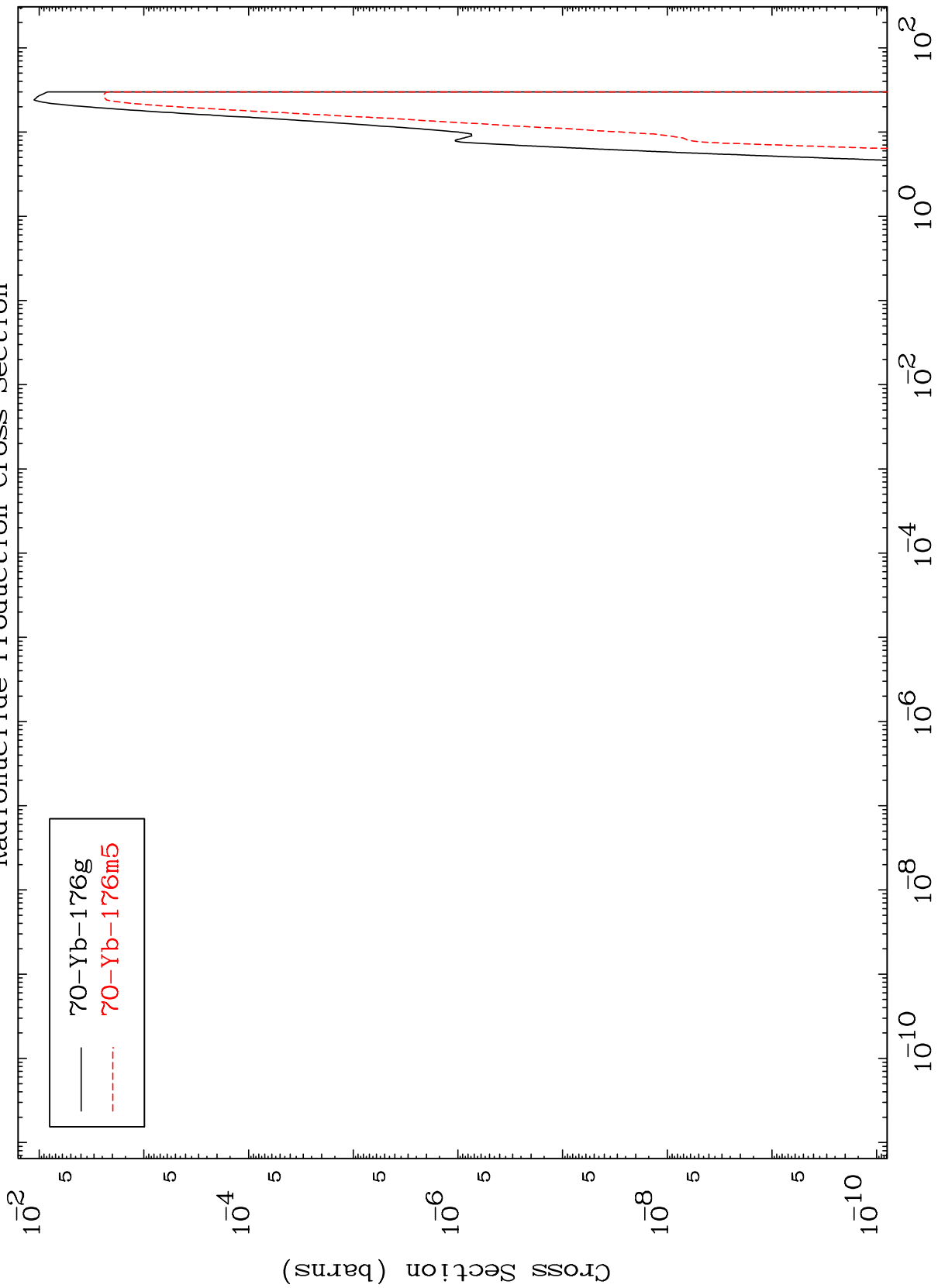


MAT 7243

$(n, n') \alpha$

72-Hf-180

Radionuclide Production Cross Section

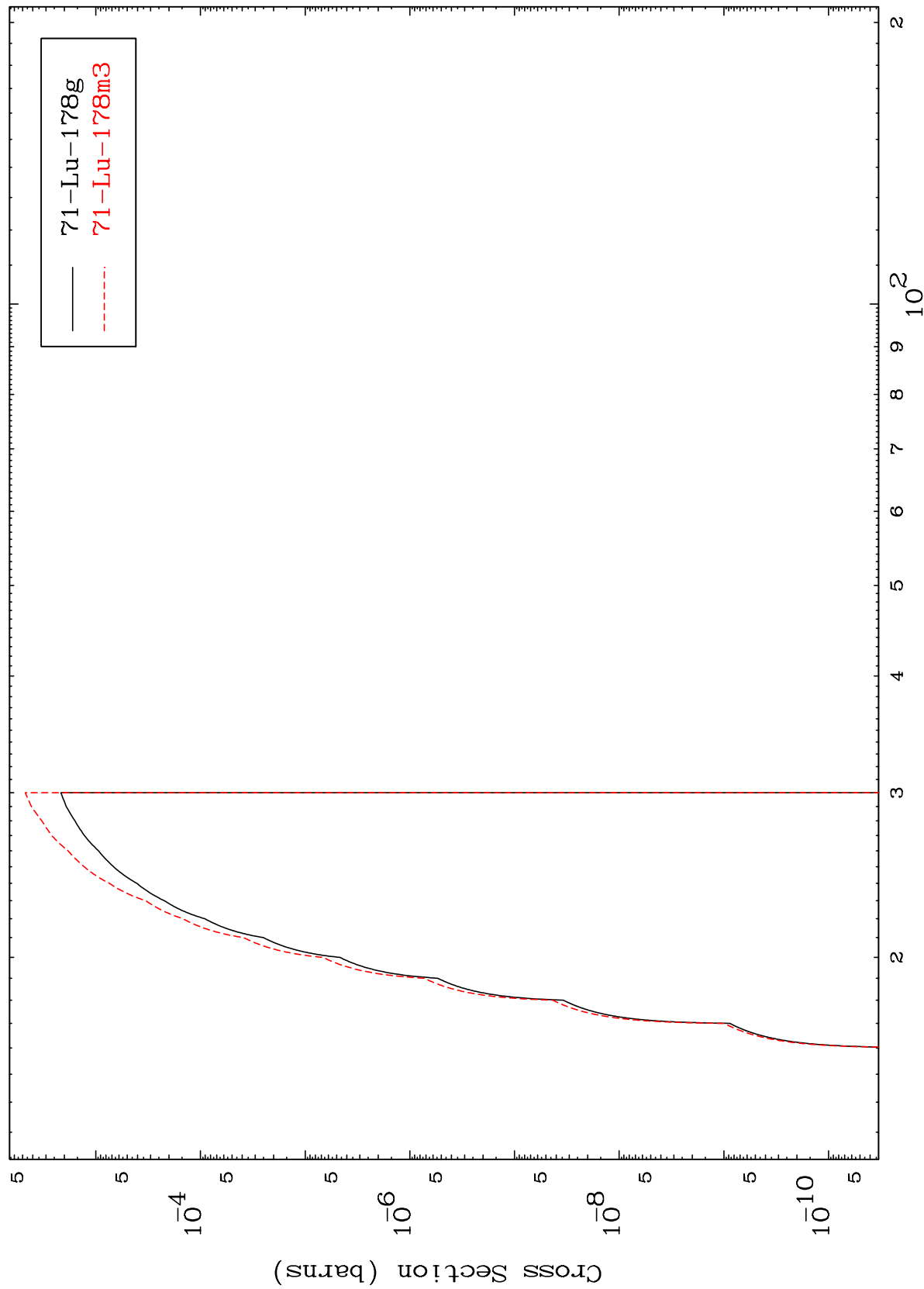


MAT 7243

(n,n') d

72-Hf-180

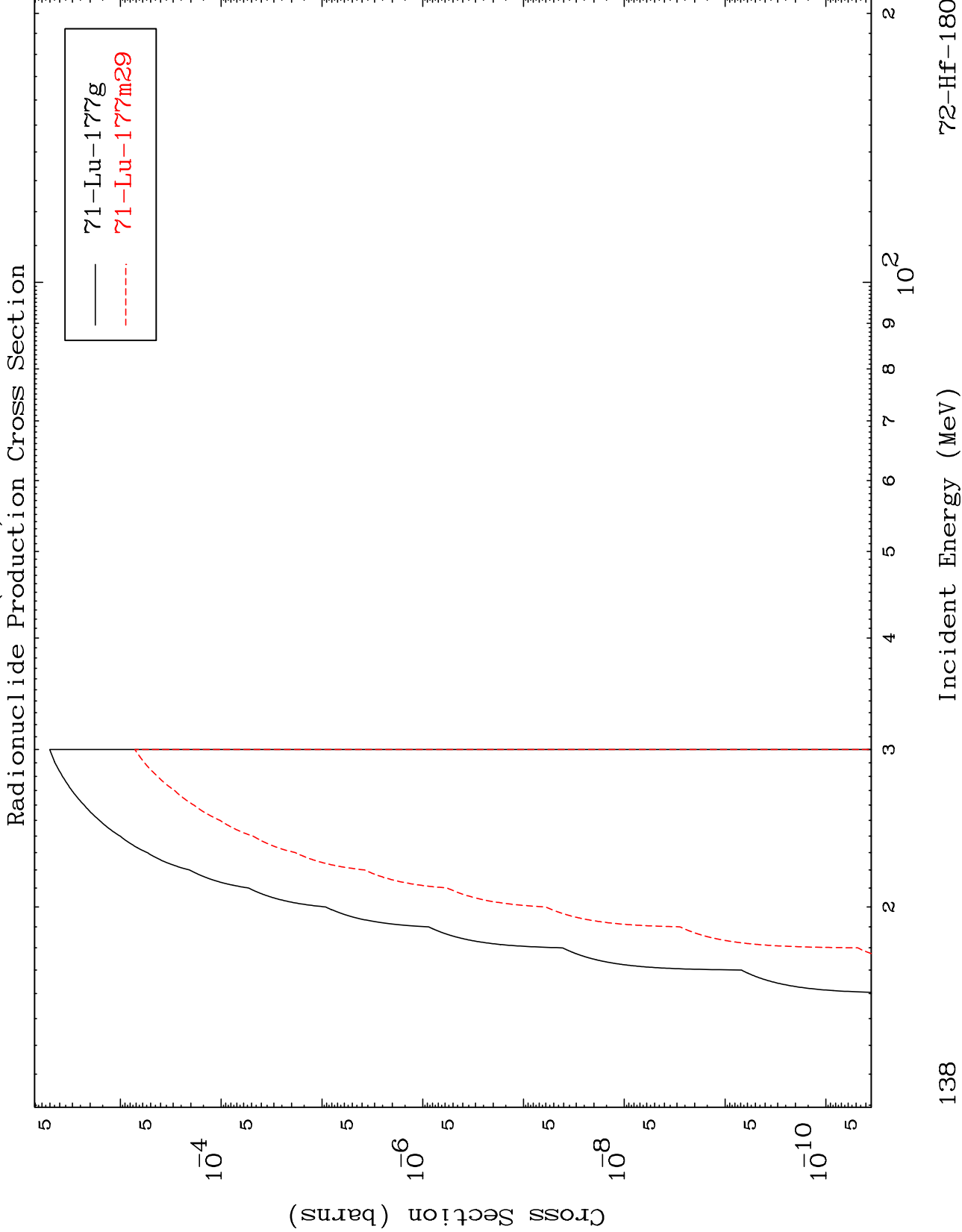
Radionuclide Production Cross Section

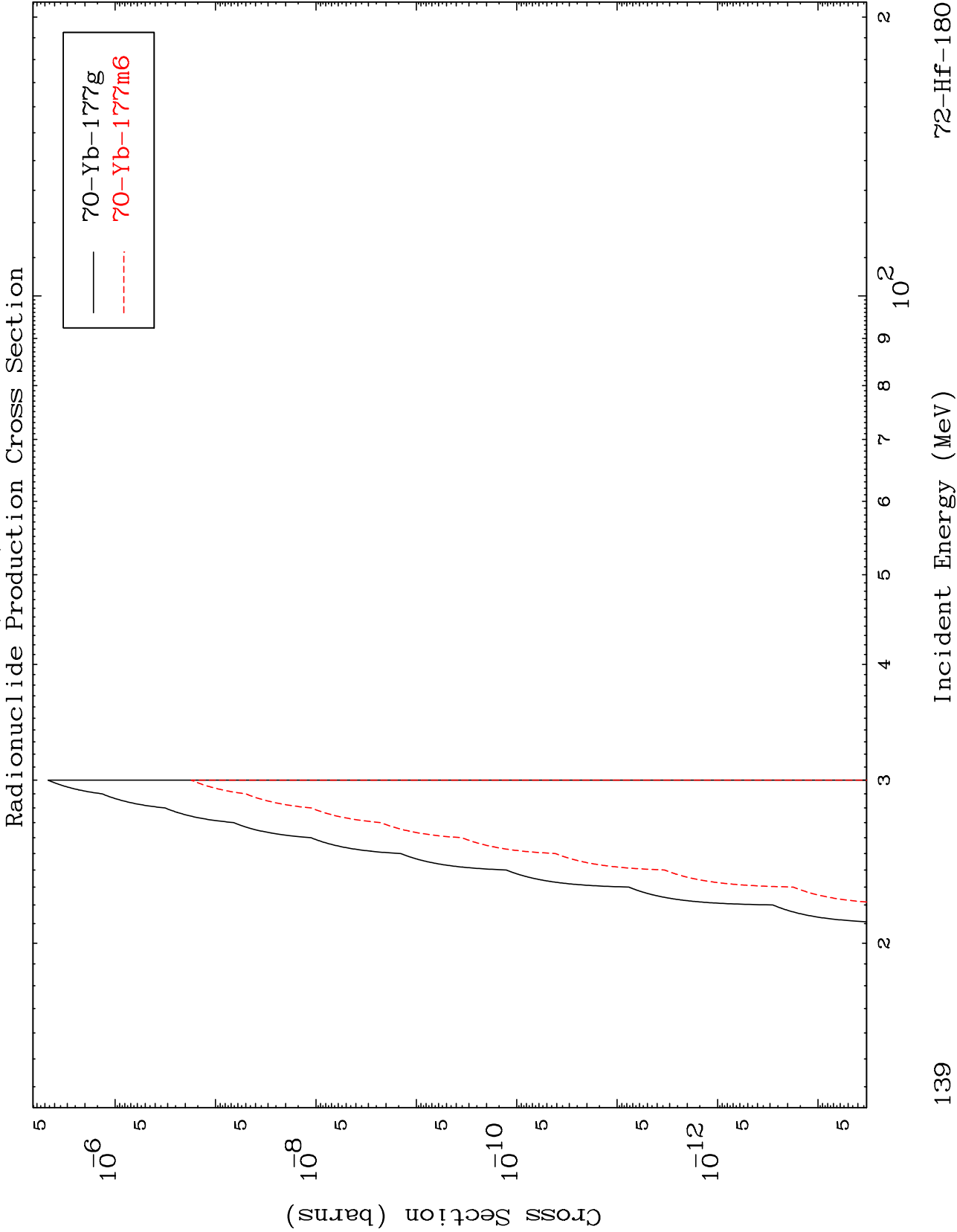


137

Incident Energy (MeV)

72-Hf-180



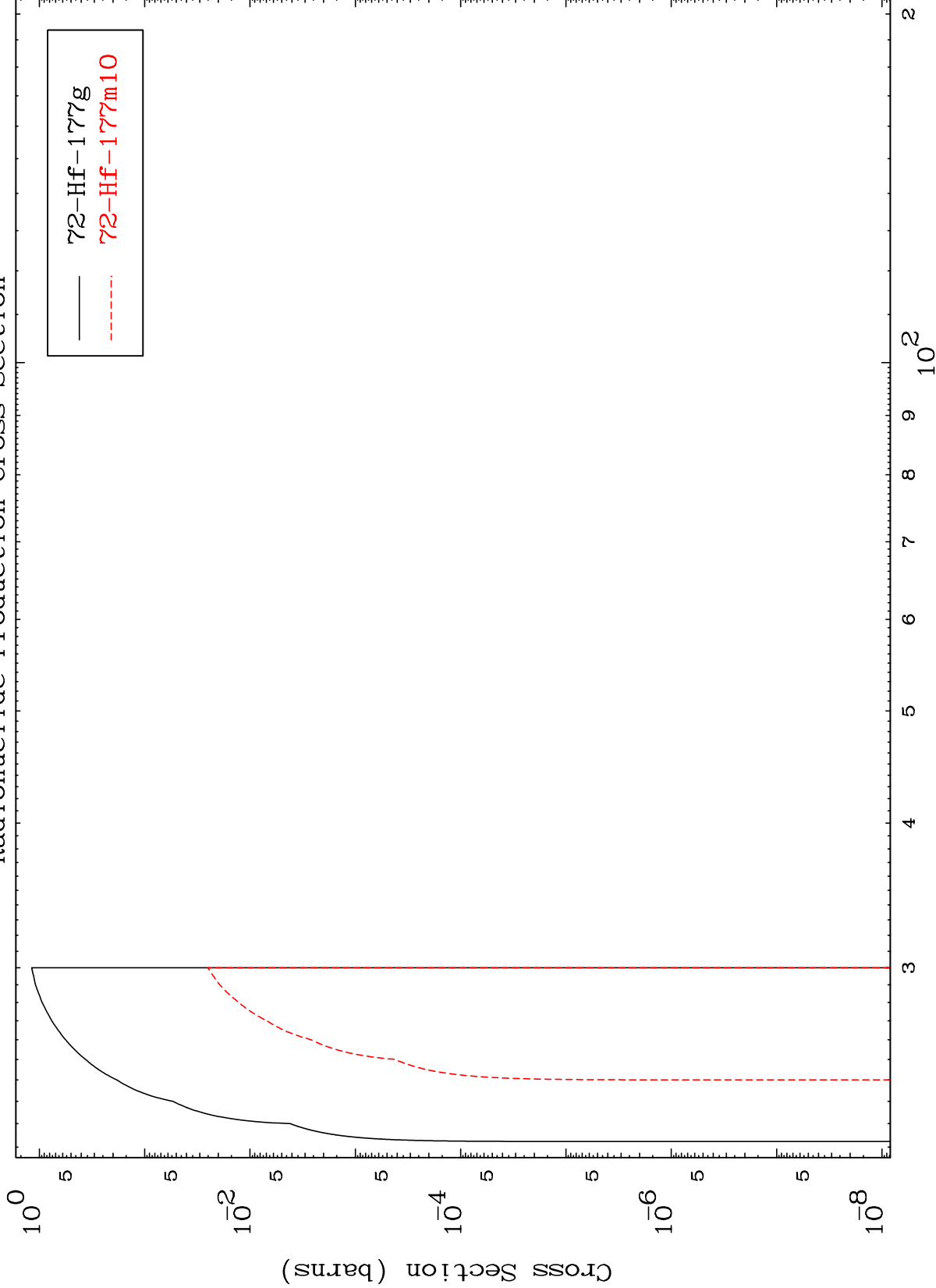


MAT 7243

(n,4n)

72-Hf-180

Radionuclide Production Cross Section



72-Hf-177g

72-Hf-177m10

140

Incident Energy (MeV)

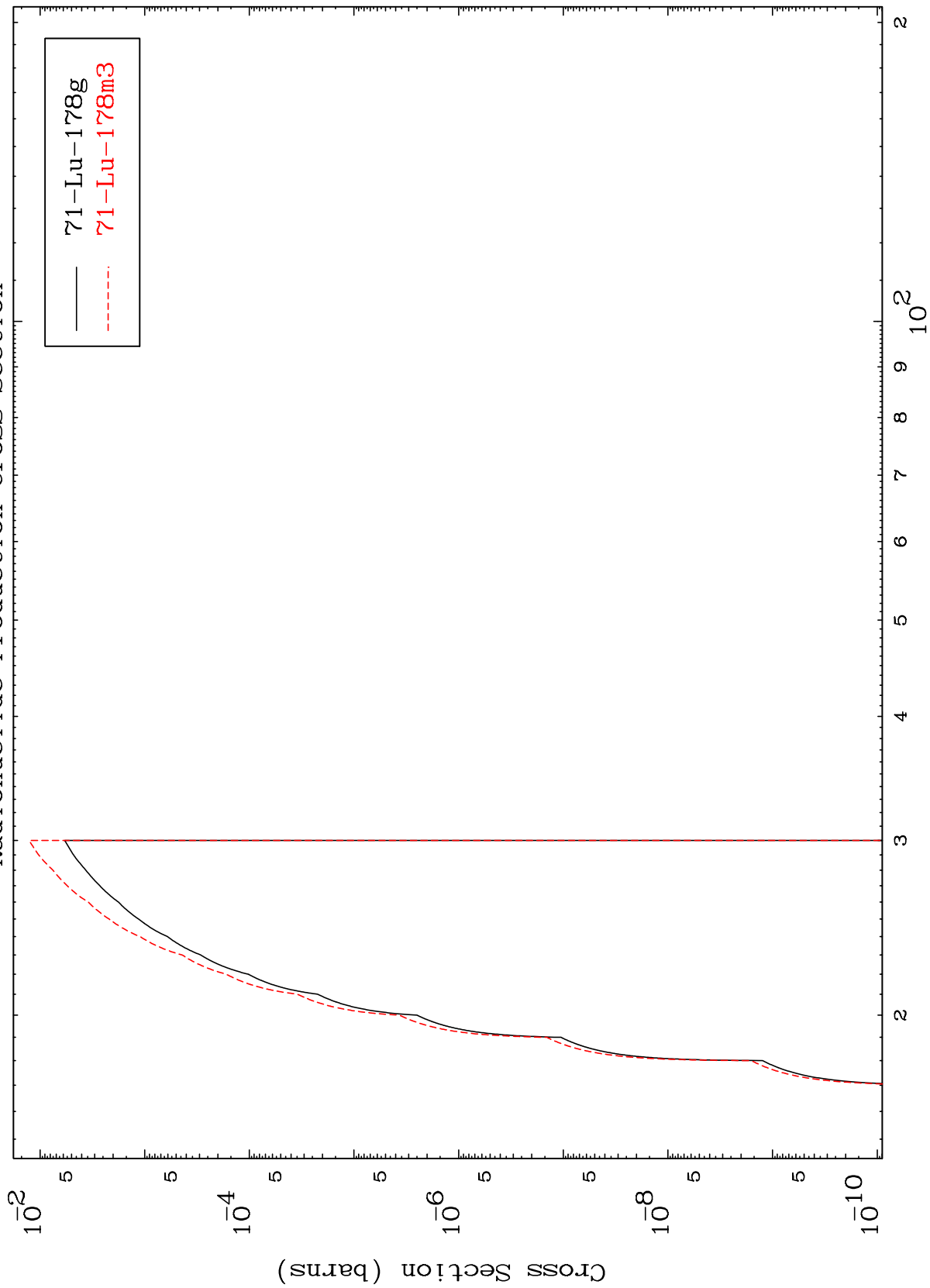
72-Hf-180

MAT 7243

(n,2n) p

72-Hf-180

Radionuclide Production Cross Section



141

Incident Energy (MeV)

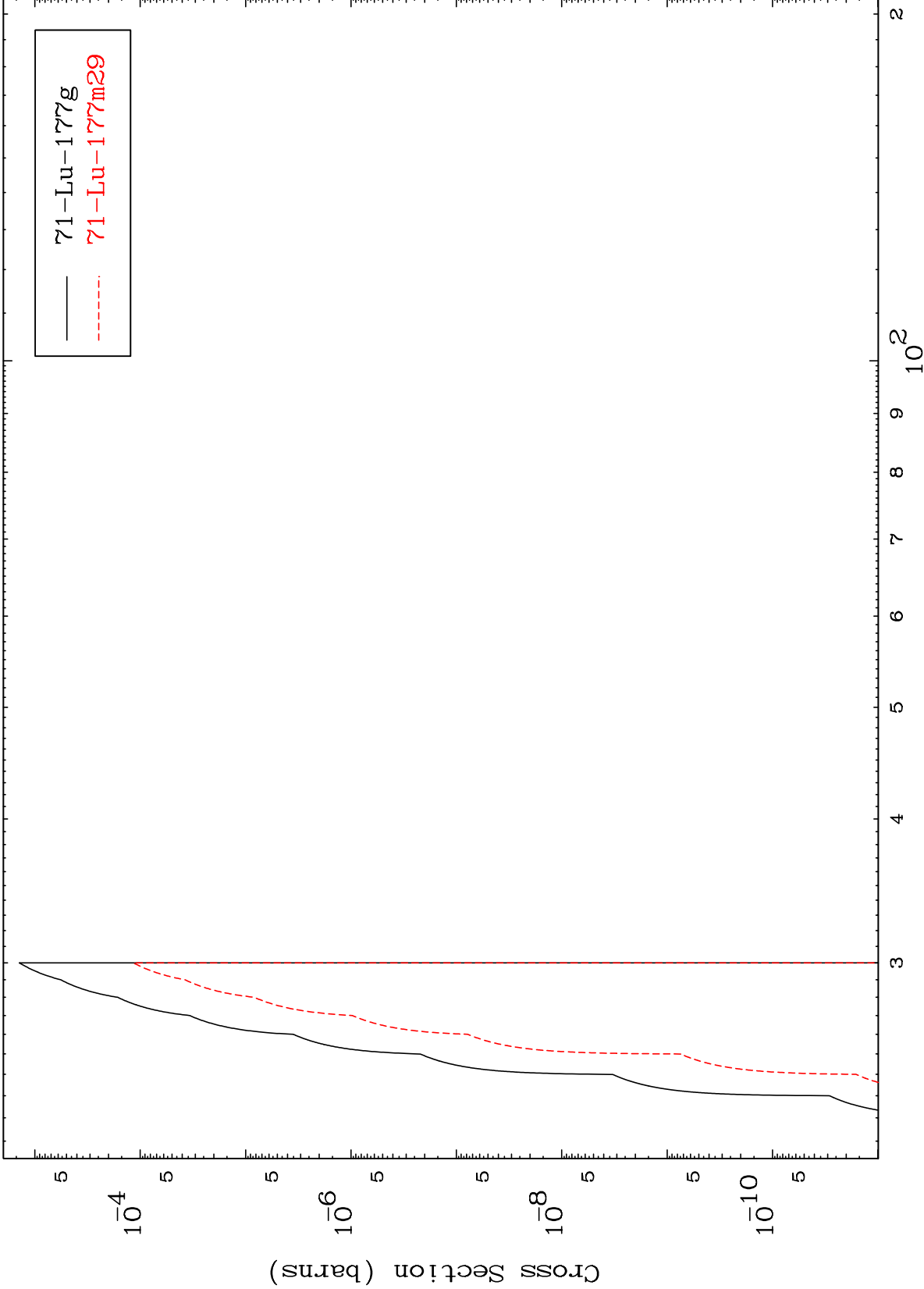
72-Hf-180

MAT 7243

(n,3n) p

72-Hf-180

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

142

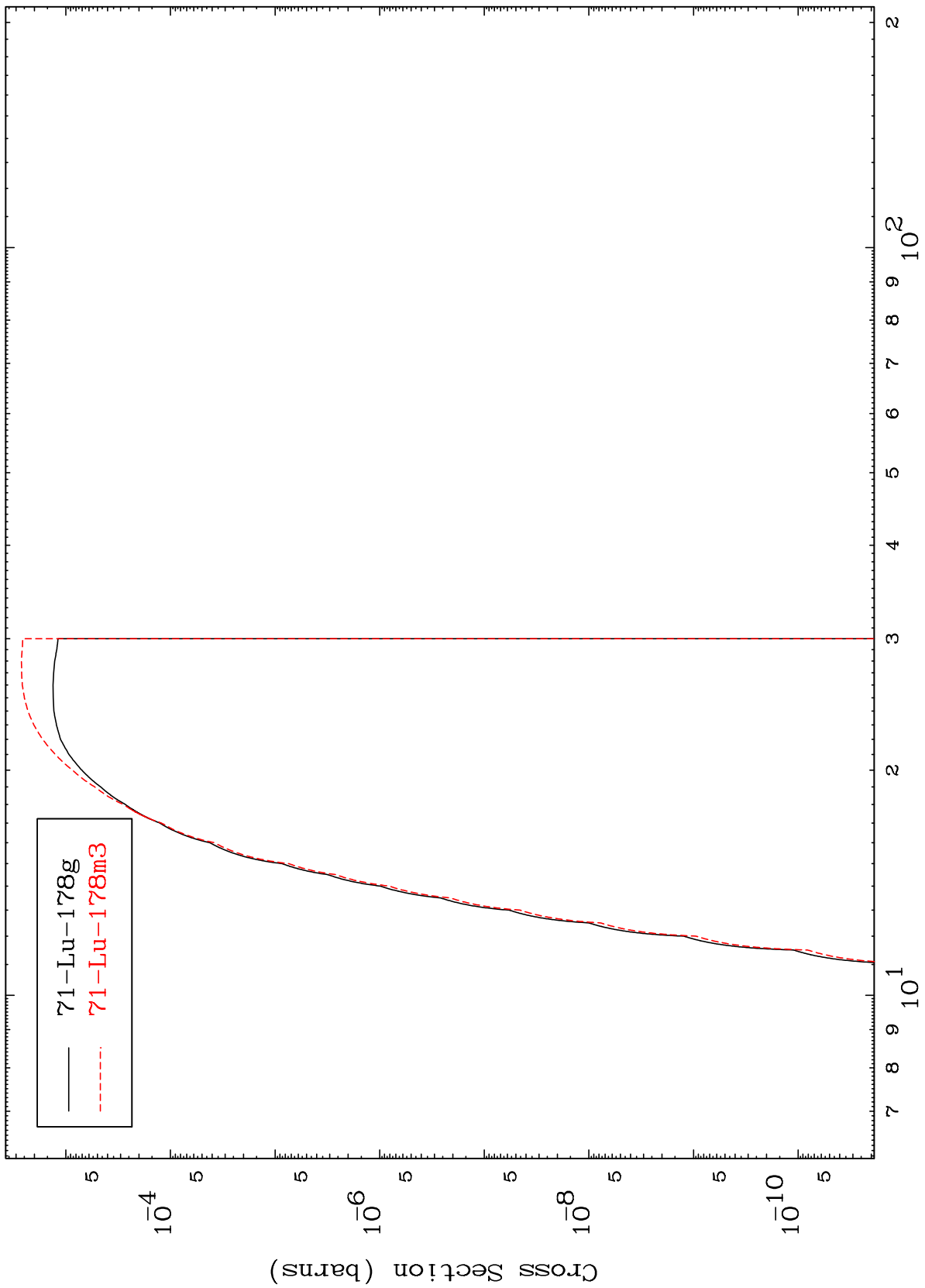
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n, t)
Radionuclide Production Cross Section

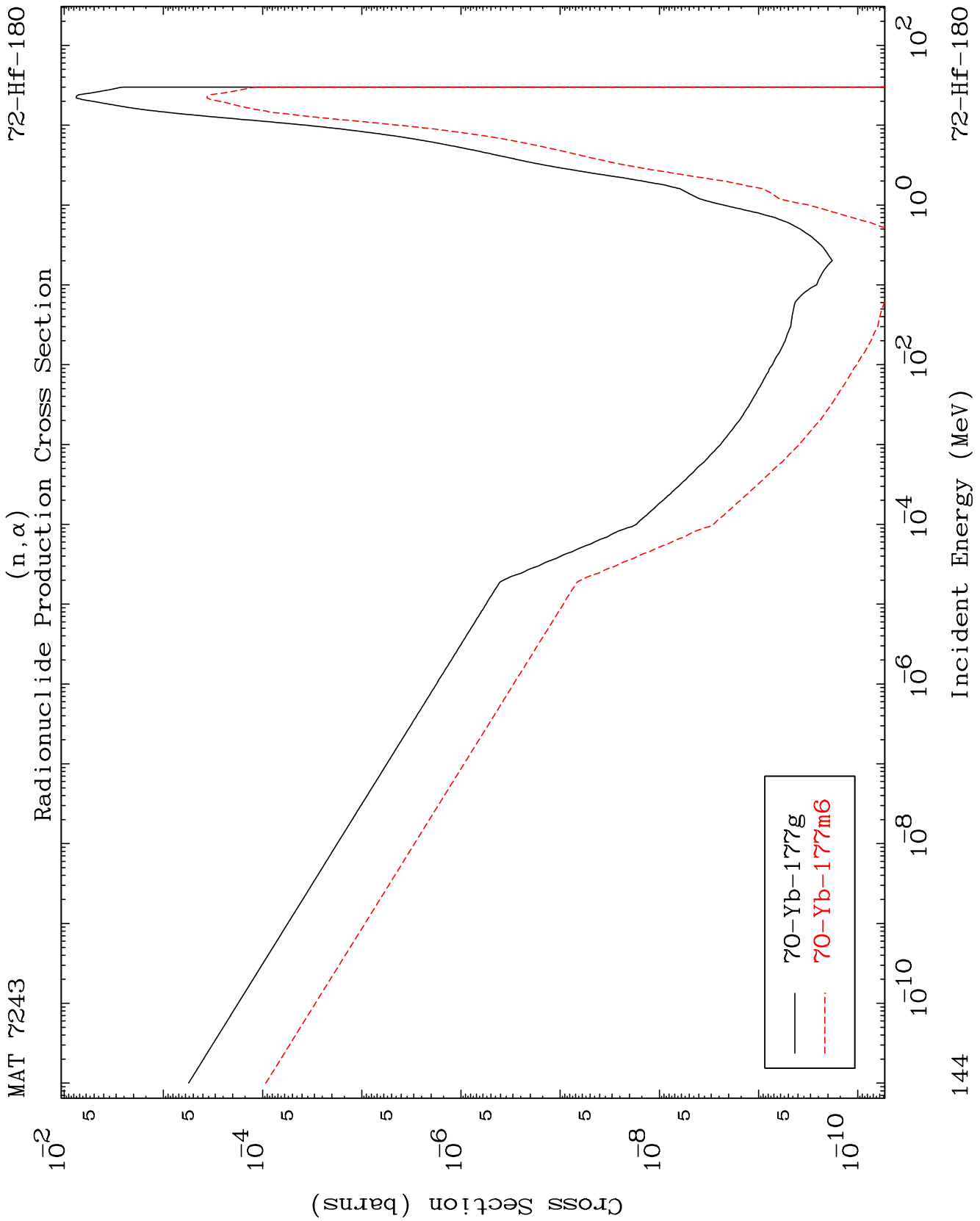


71-Lu-178g
71-Lu-178m3

143

Incident Energy (MeV)

72-Hf-180

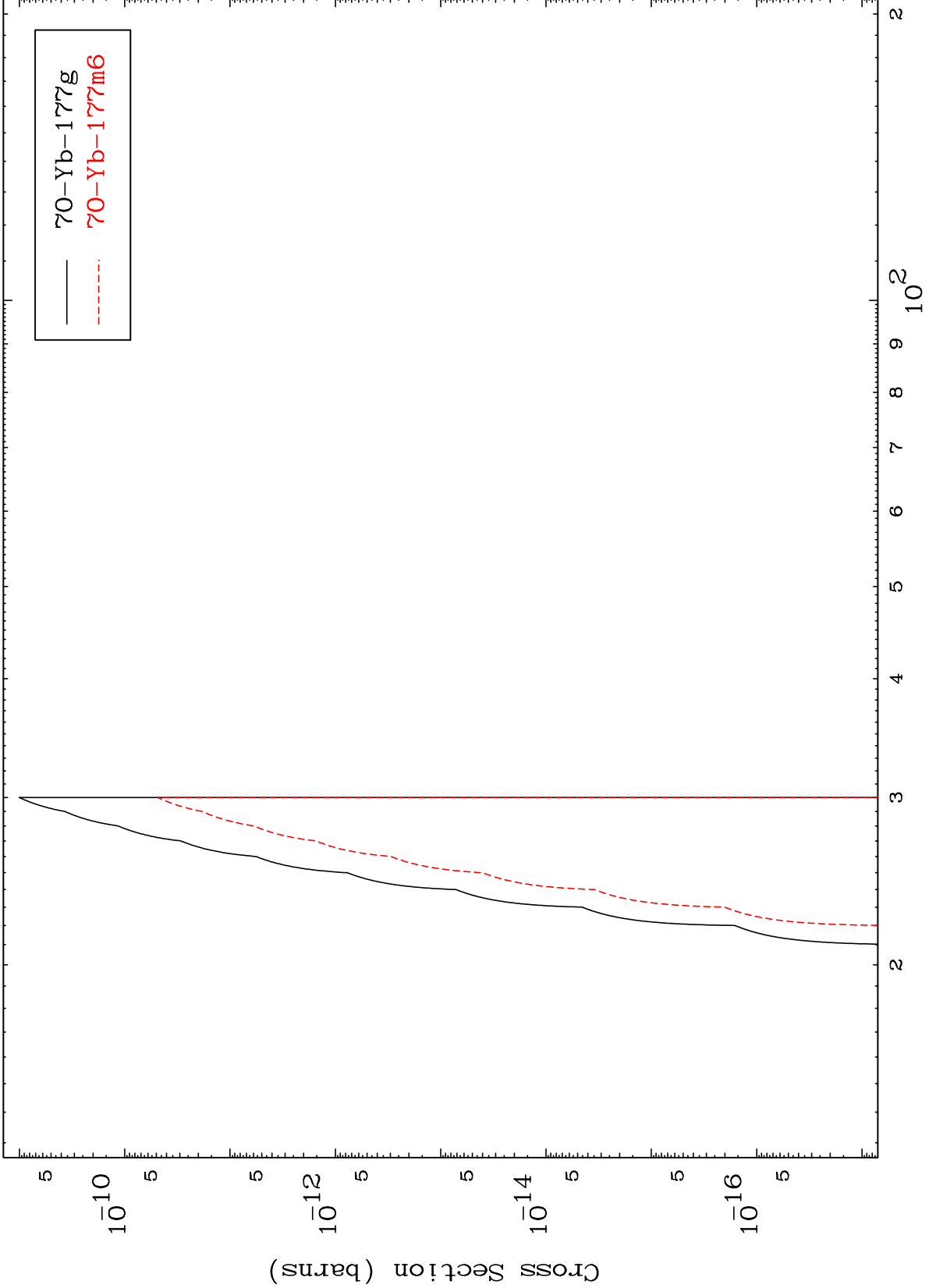


MAT 7243

(n,p) t

72-Hf-180

Radionuclide Production Cross Section



145

Incident Energy (MeV)

72-Hf-180