

Program EVALPLOT
(Version 2018-1)

by

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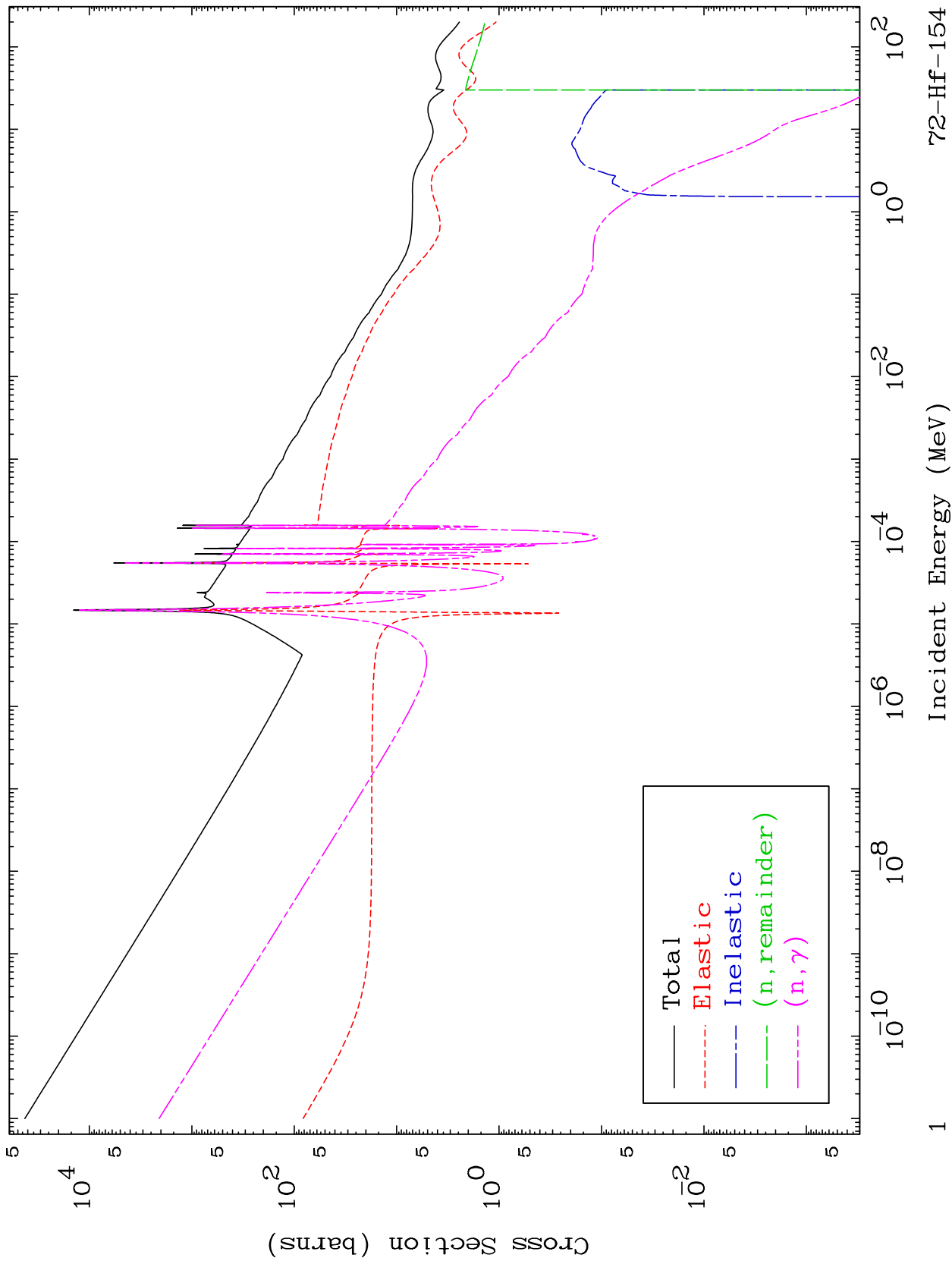
Press Mouse Button to Start

MAT 7165

Major

293 Kelvin Cross Sections

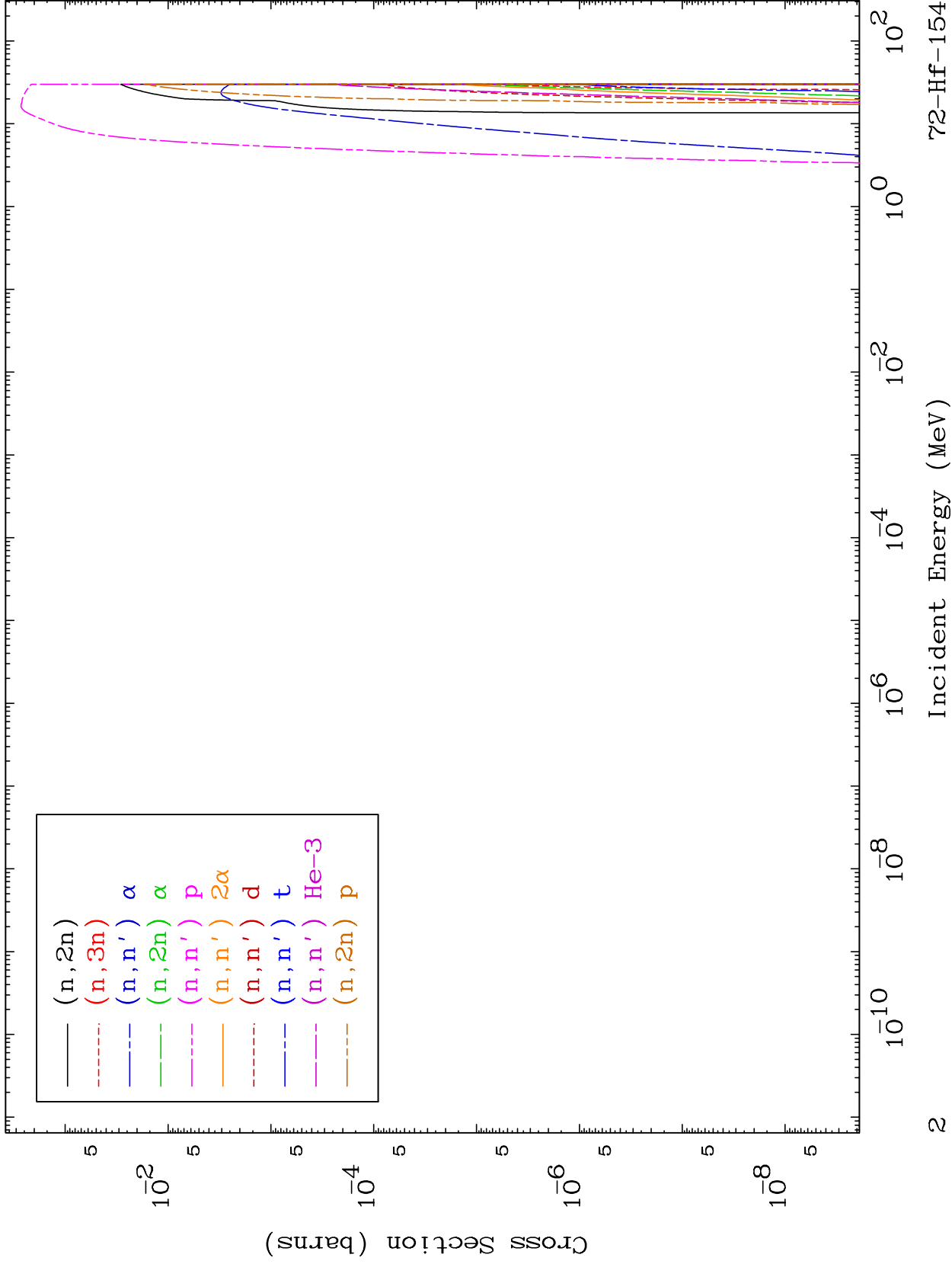
72-Hf-154



MAT 7165

Neutron Production
293 Kelvin Cross Sections

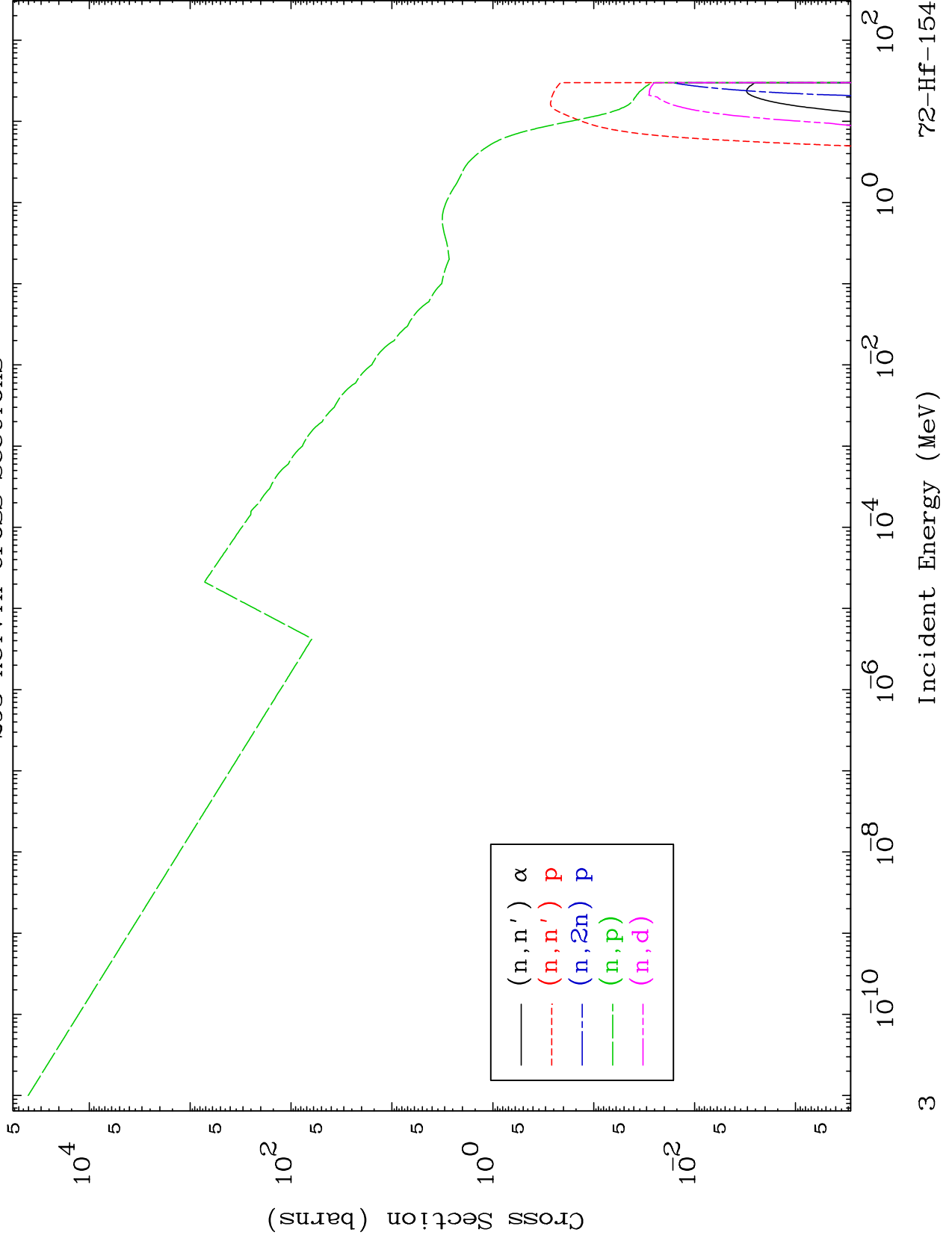
72-Hf-154

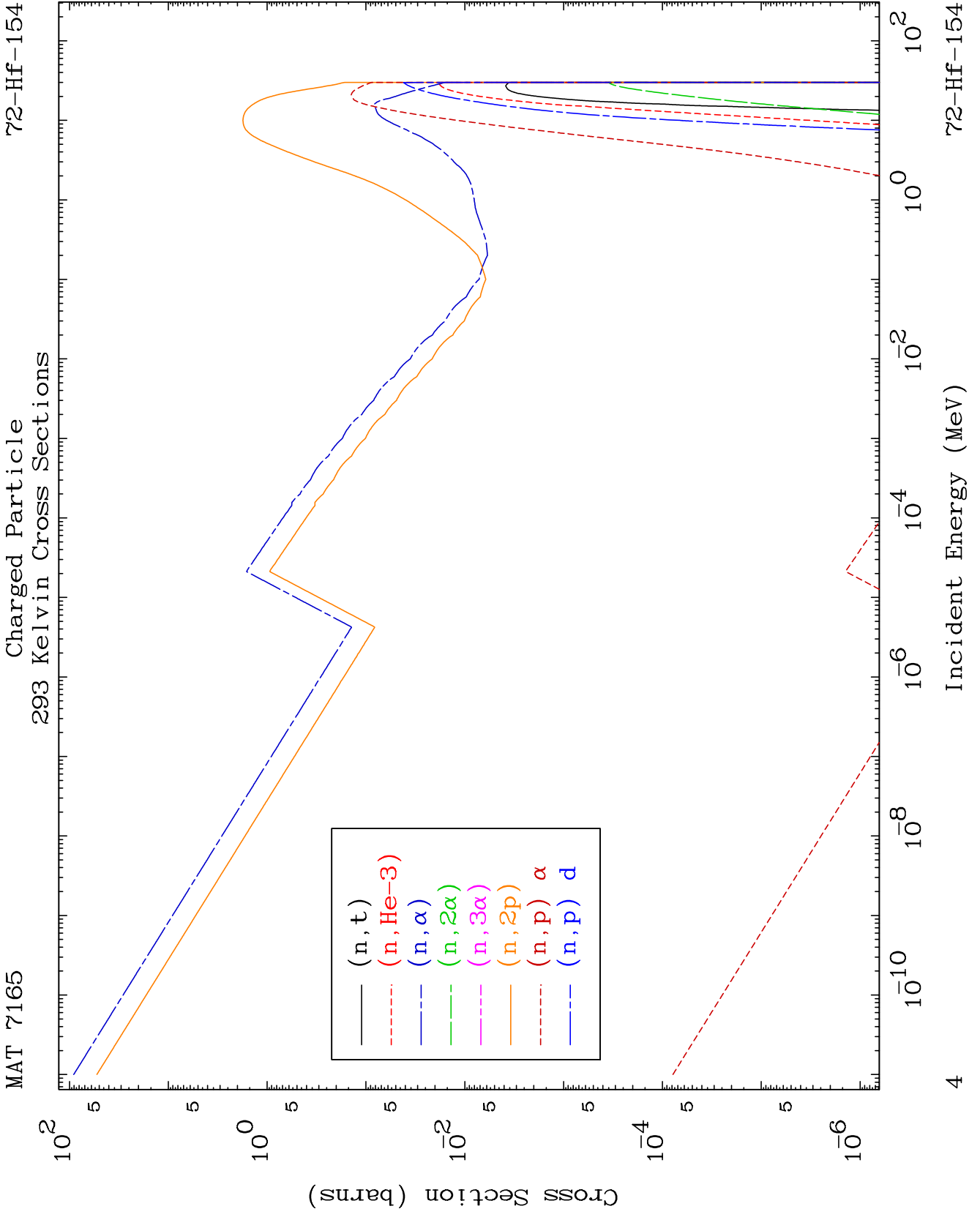


MAT 7165

Charged Particle
293 Kelvin Cross Sections

72-Hf-154

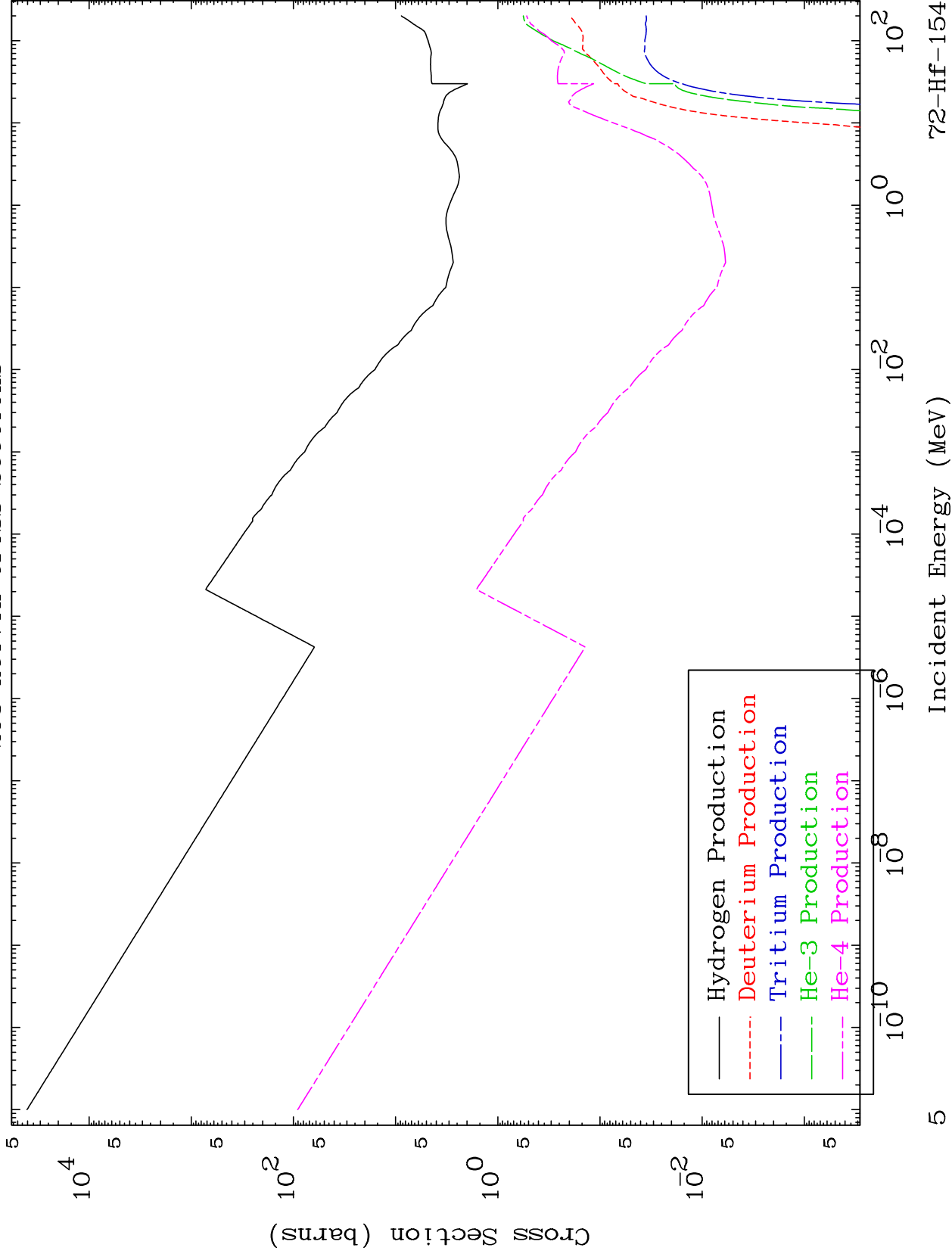




MAT 7165

Particle Production
293 Kelvin Cross Sections

72-Hf-154

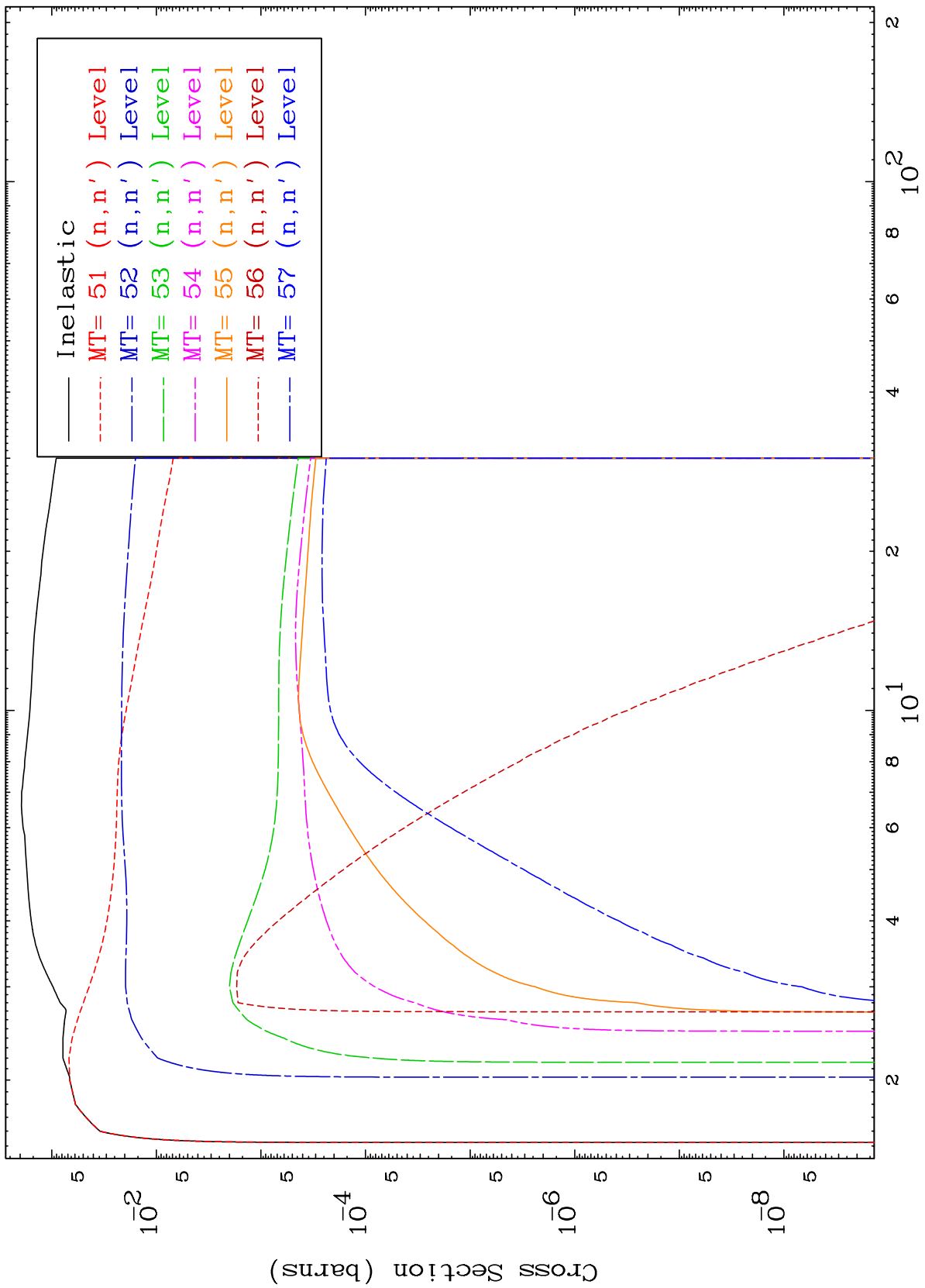


MAT 7165

(n,n') Level

72-Hf-154

293 Kelvin Cross Sections

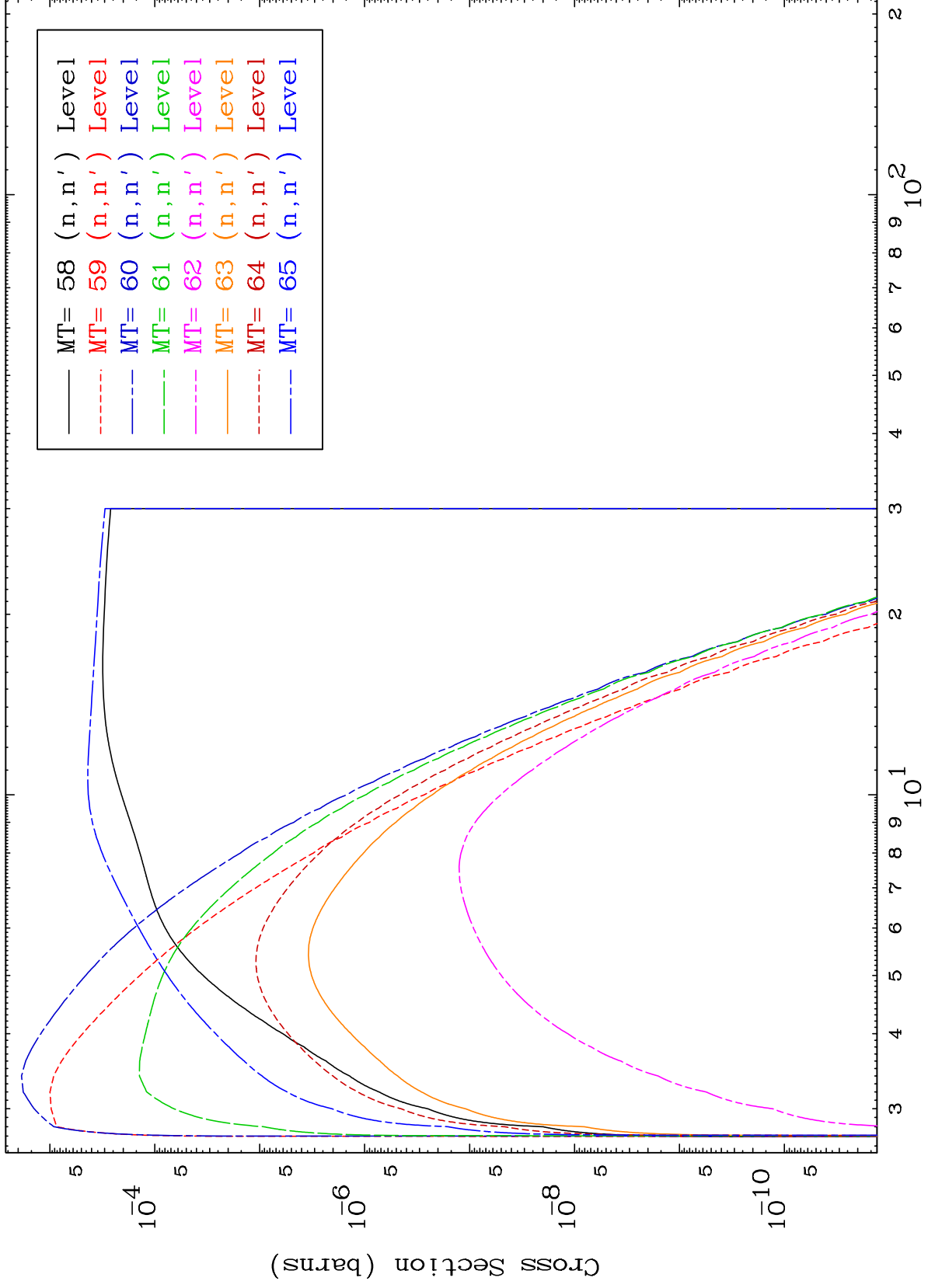


6

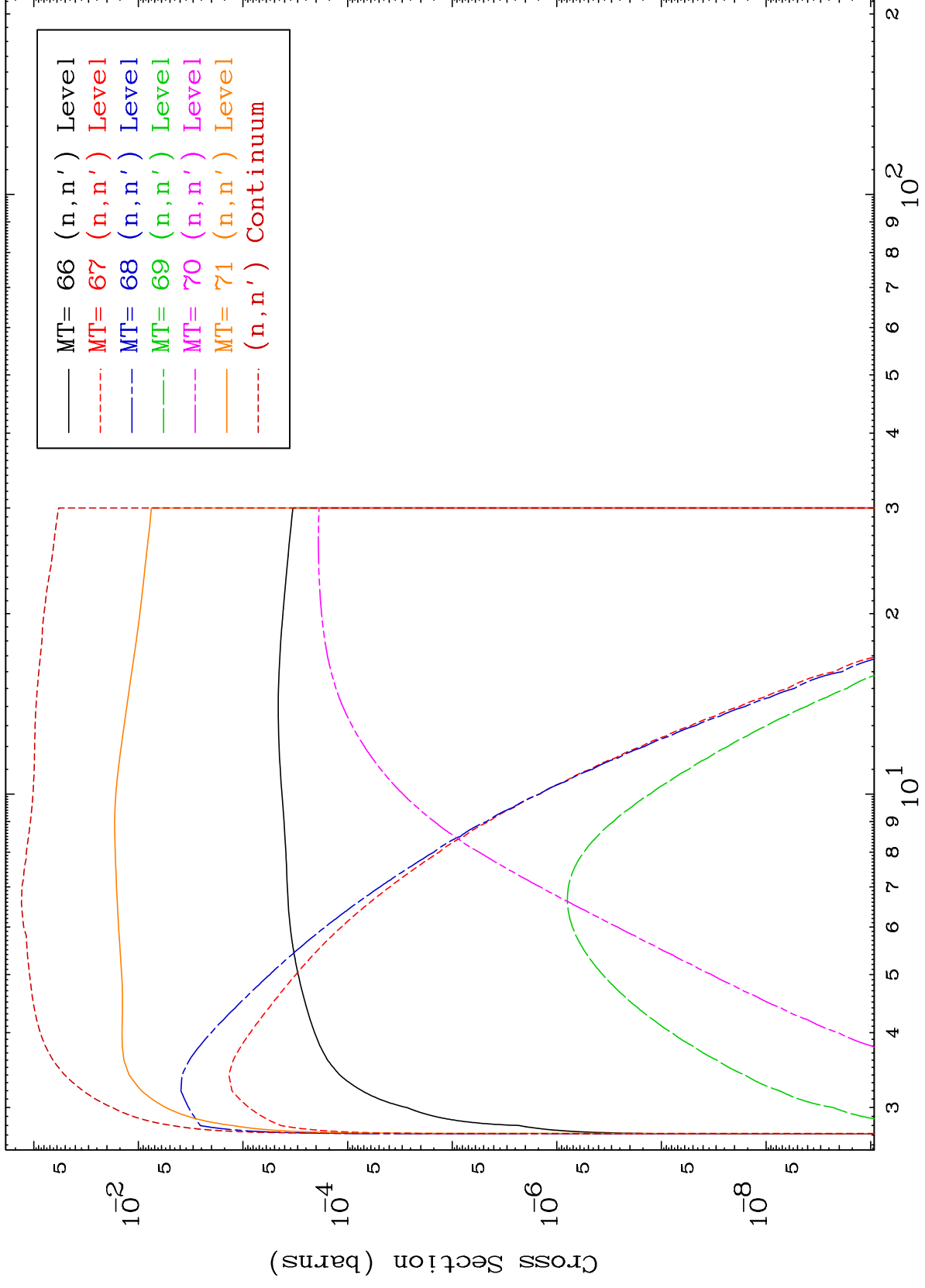
Incident Energy (MeV)

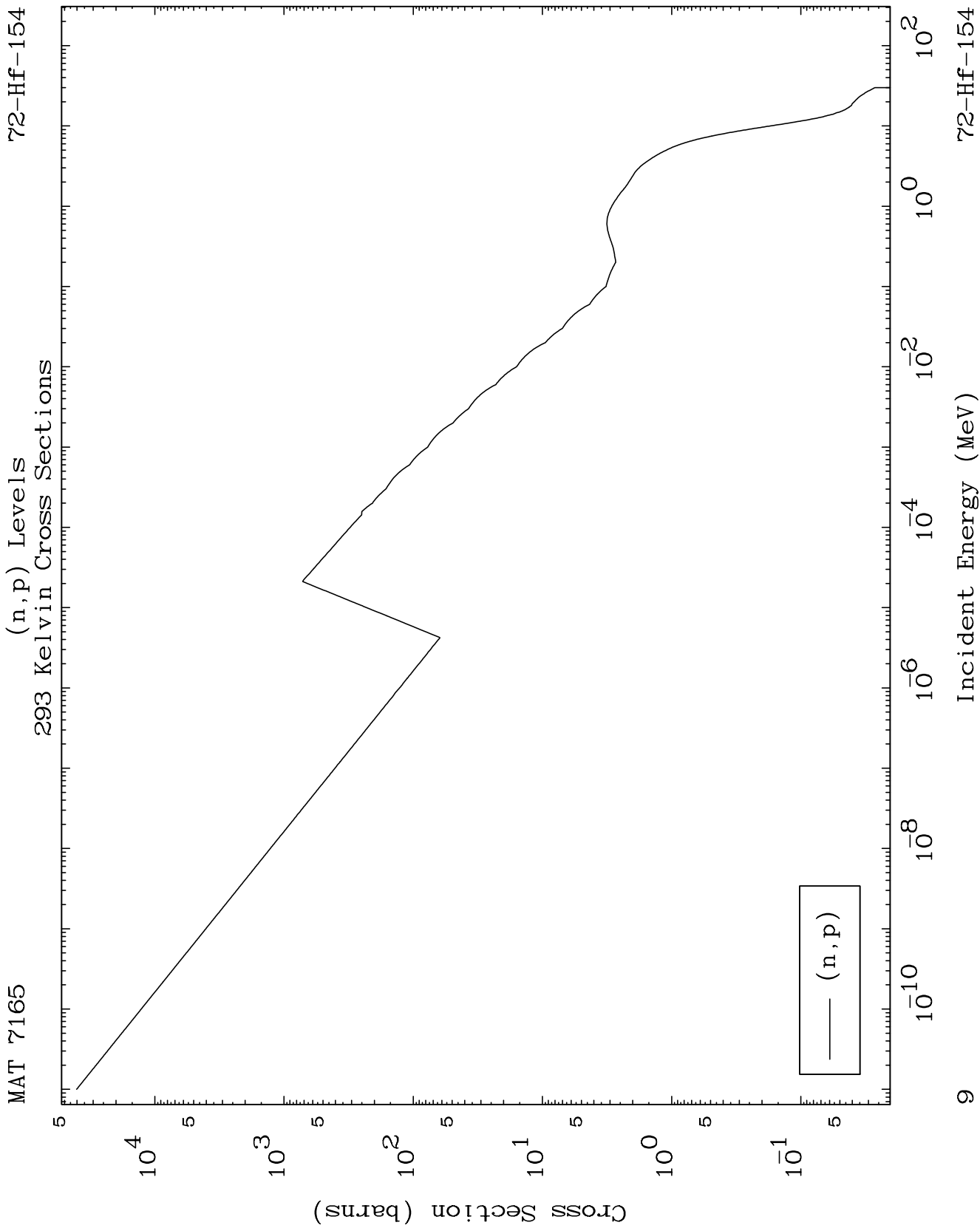
72-Hf-154

293 Kelvin Cross Sections



293 Kelvin Cross Sections

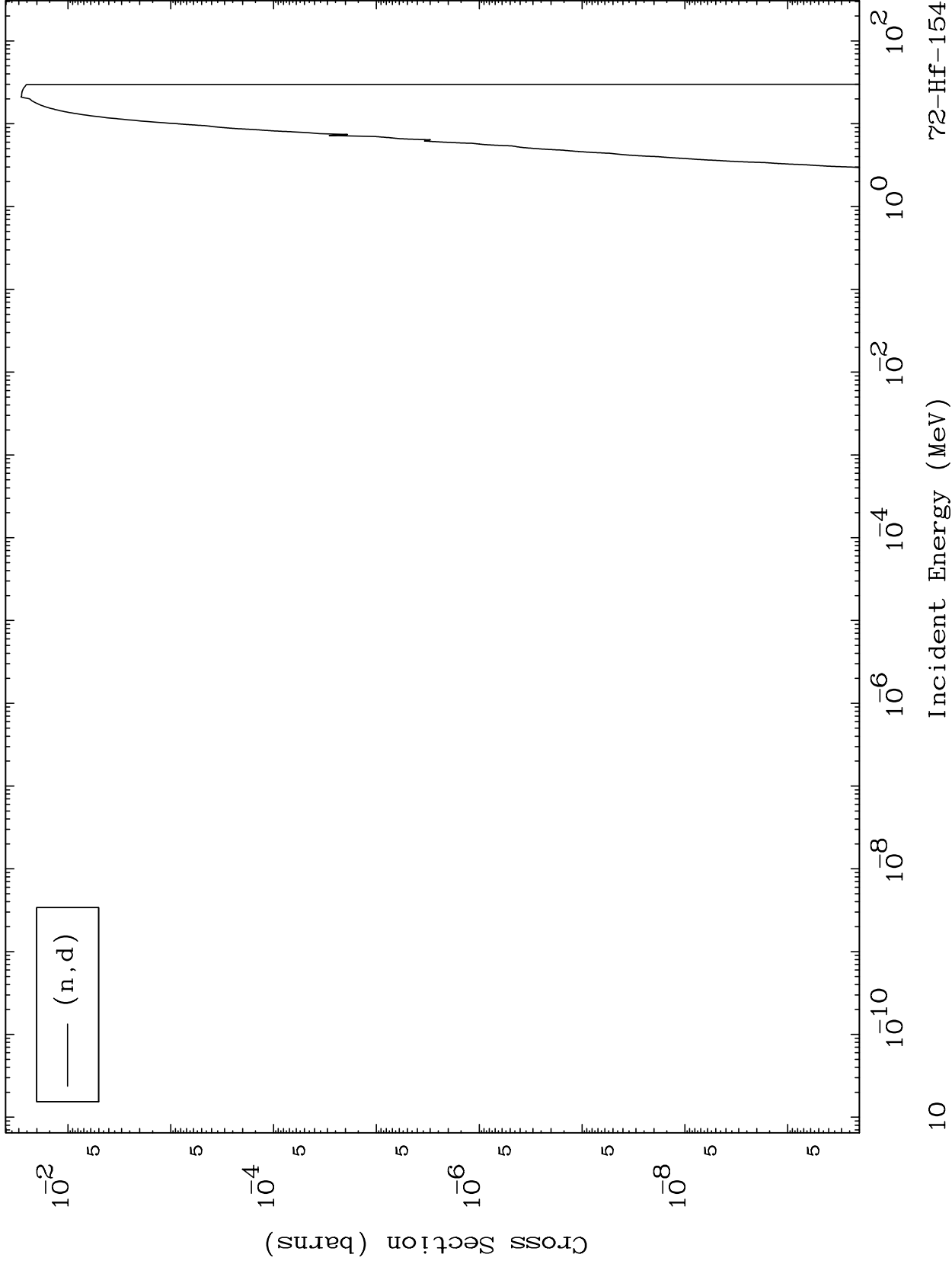




MAT 7165

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-154



10

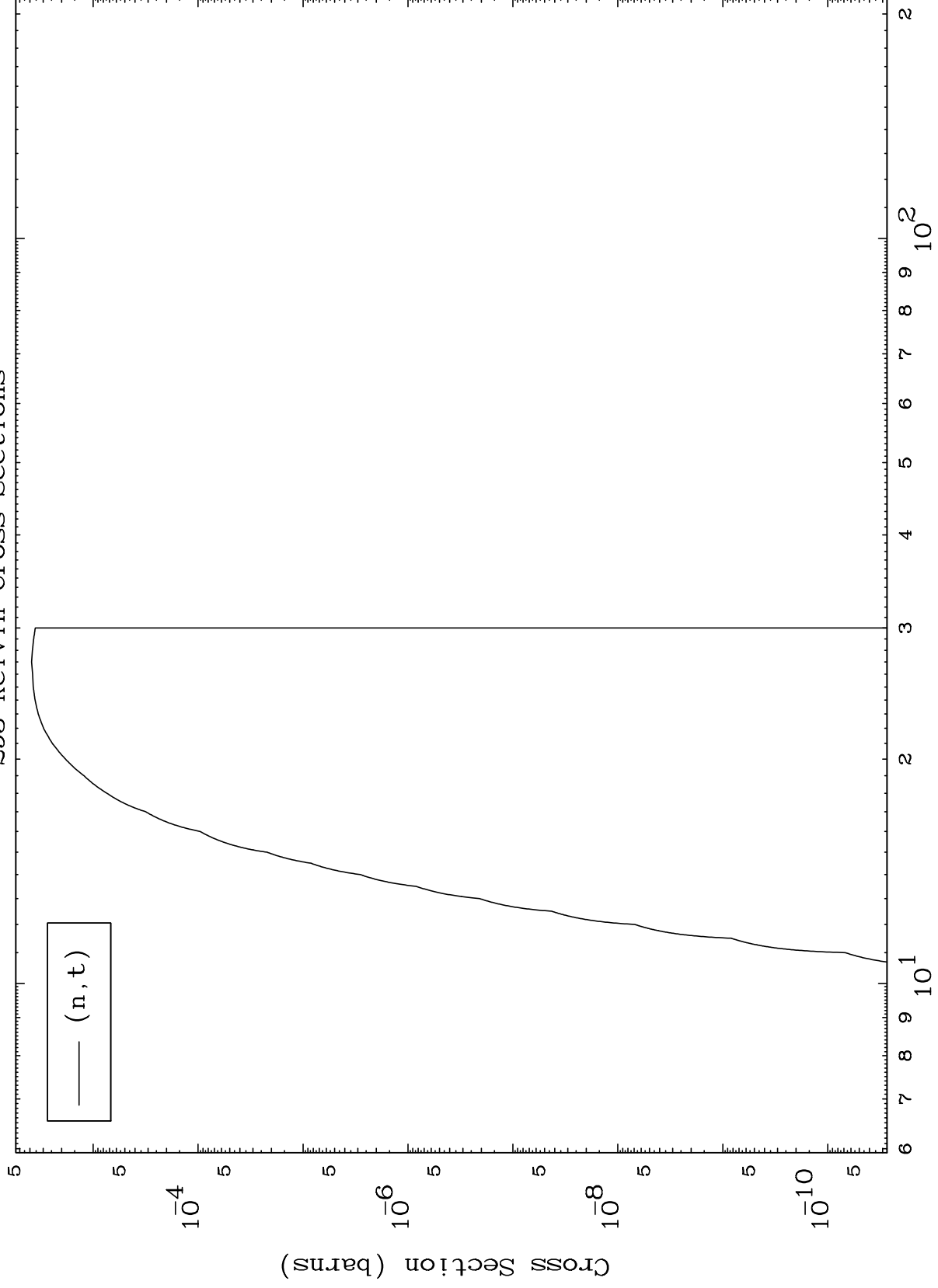
Incident Energy (MeV)

72-Hf-154

MAT 7165

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-154

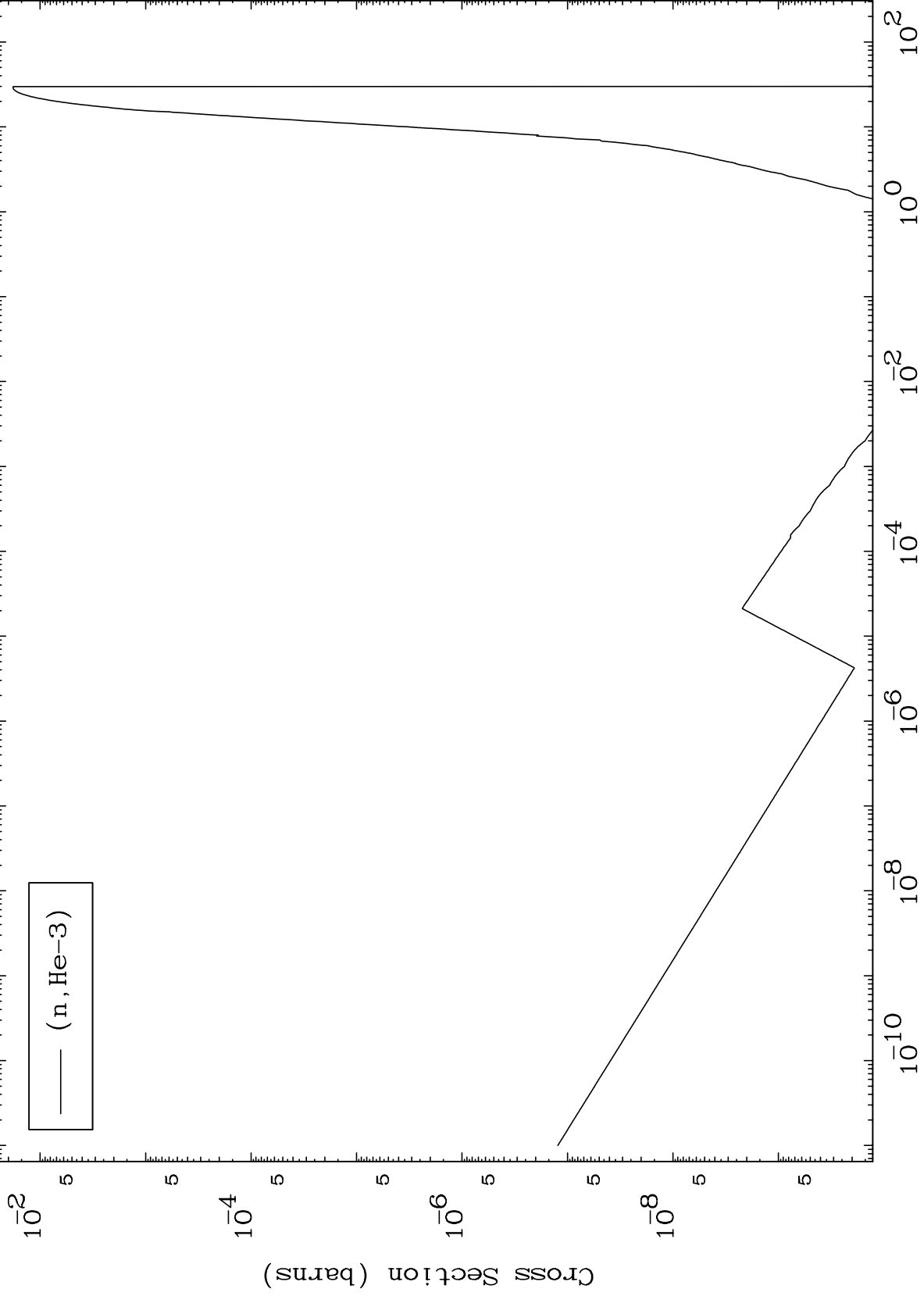


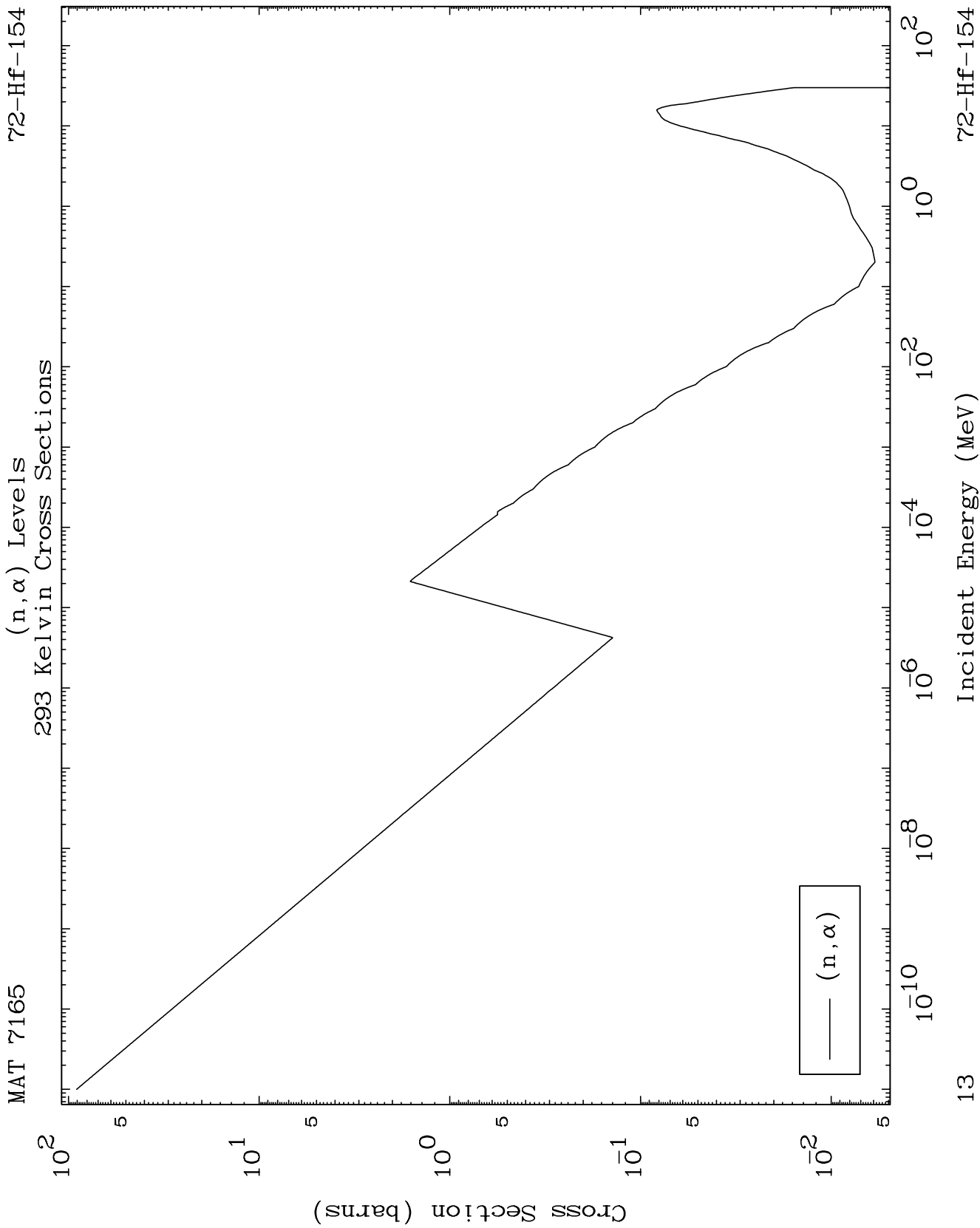
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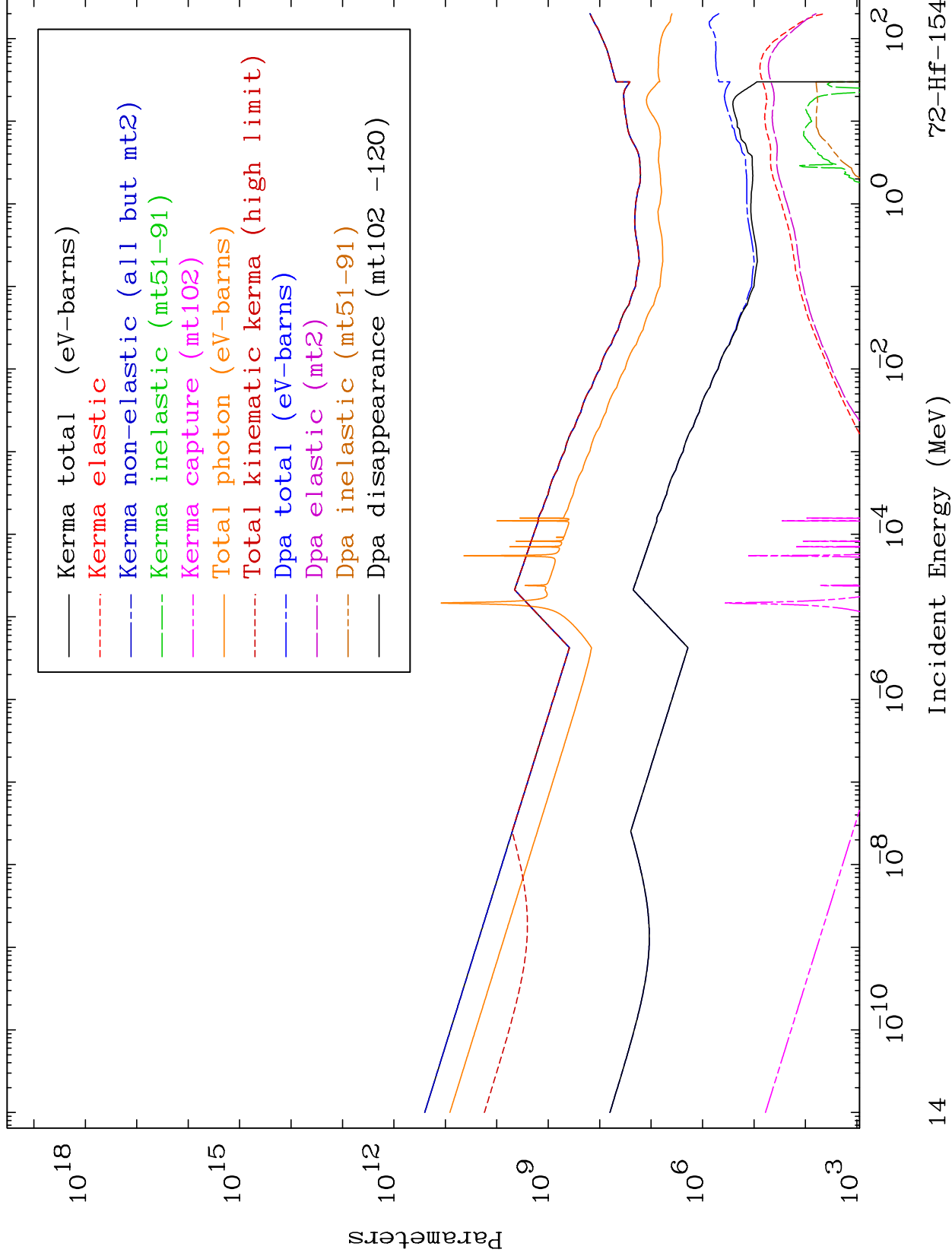
MAT 7165

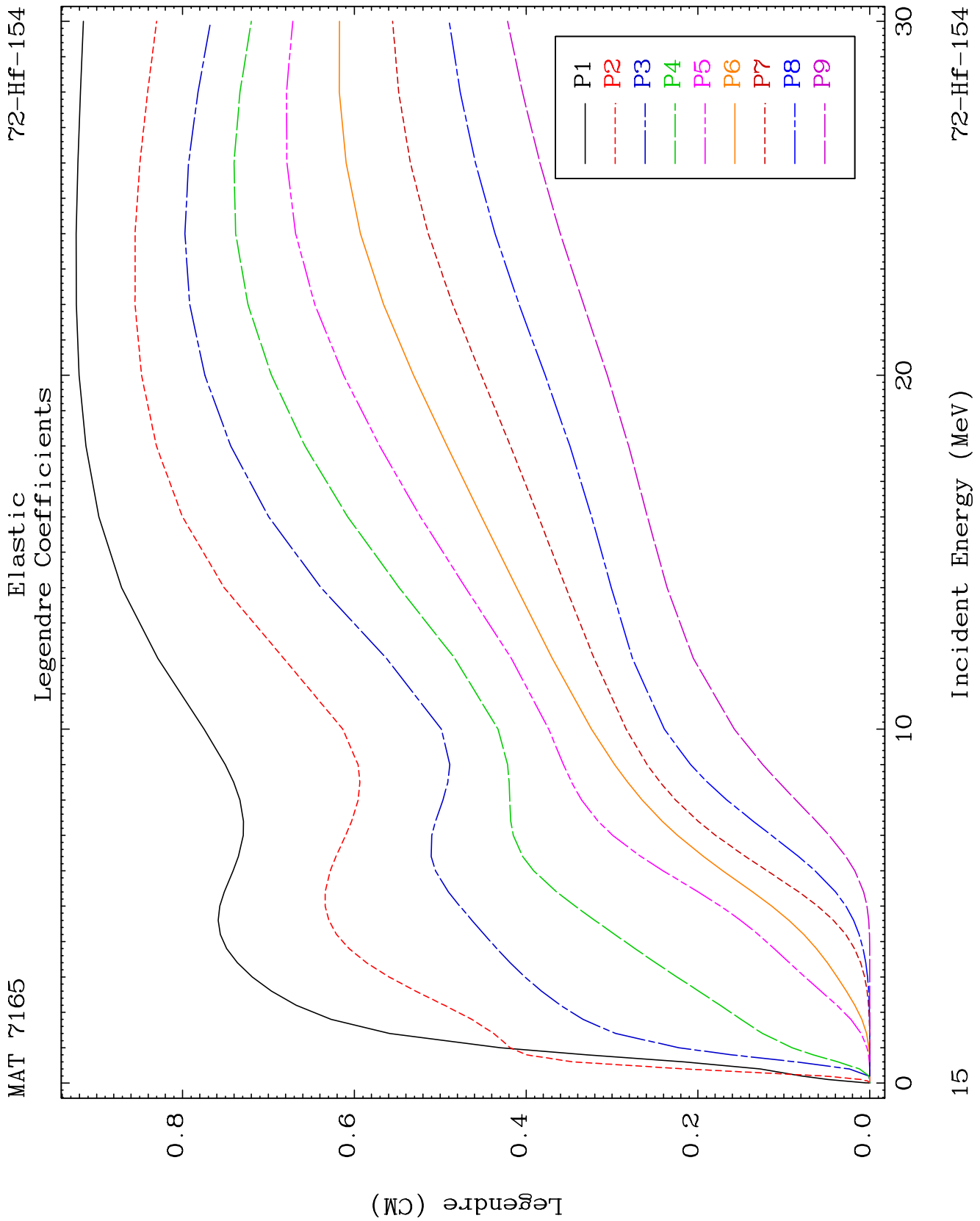
(n,He3) Levels
293 Kelvin Cross Sections

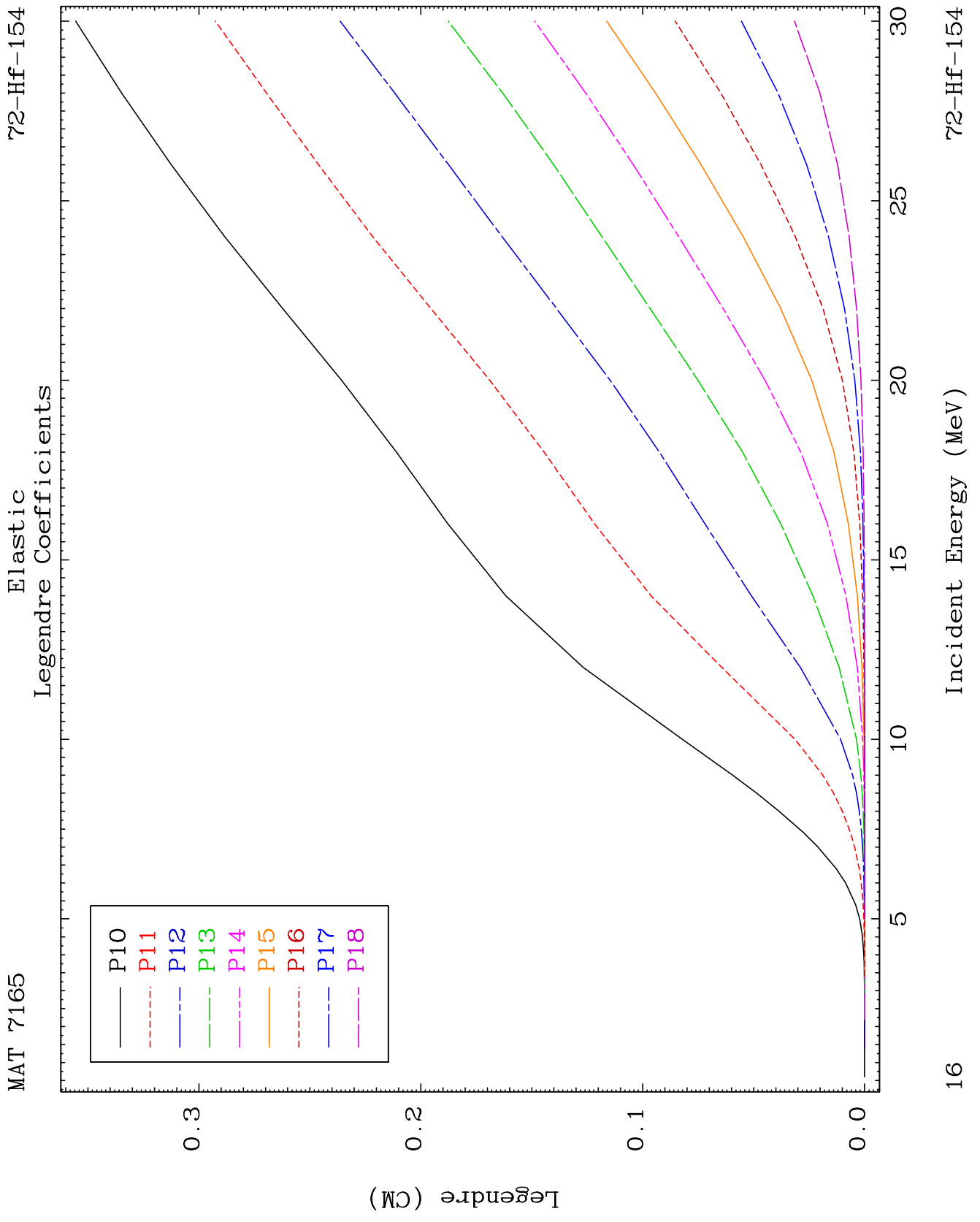
72-Hf-154











MAT 7165

Elastic Legendre Coefficients

72-Hf-154

16

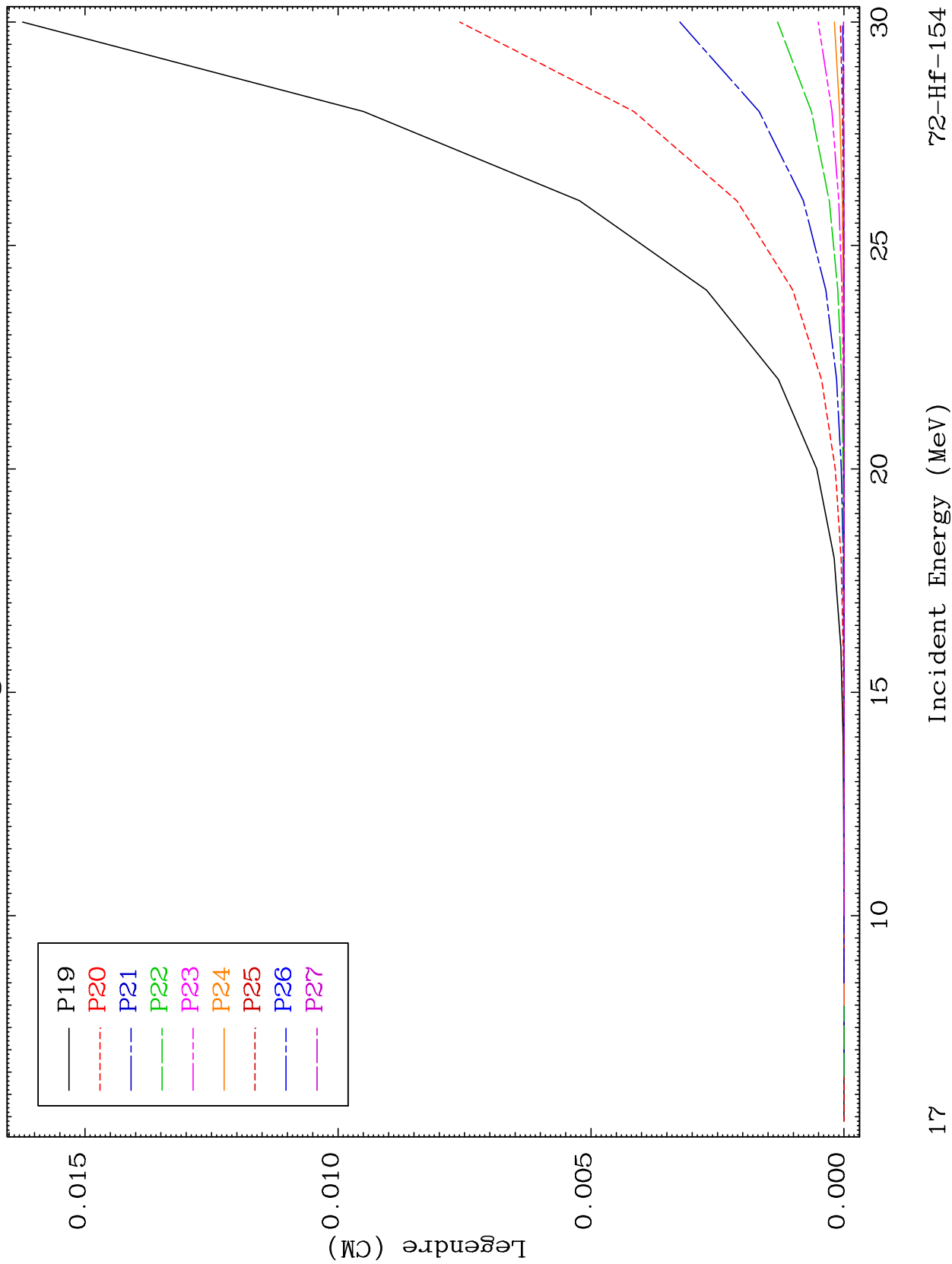
Incident Energy (MeV)

72-Hf-154

MAT 7165

Elastic Legendre Coefficients

72-Hf-154



17

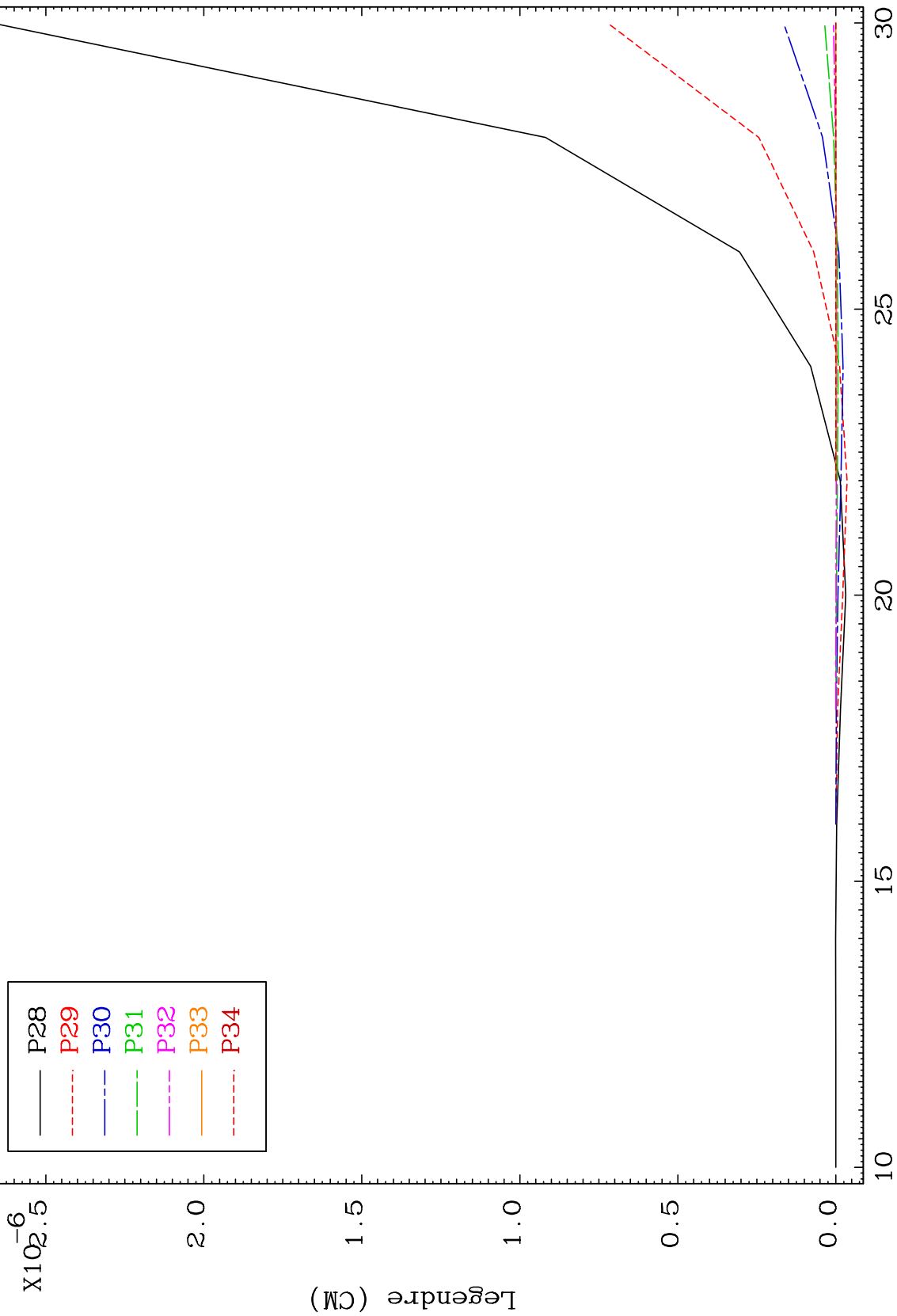
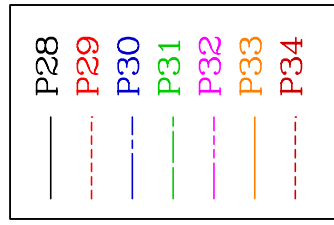
Incident Energy (MeV)

72-Hf-154

MAT 7165

Elastic Legendre Coefficients

72-Hf-154



18

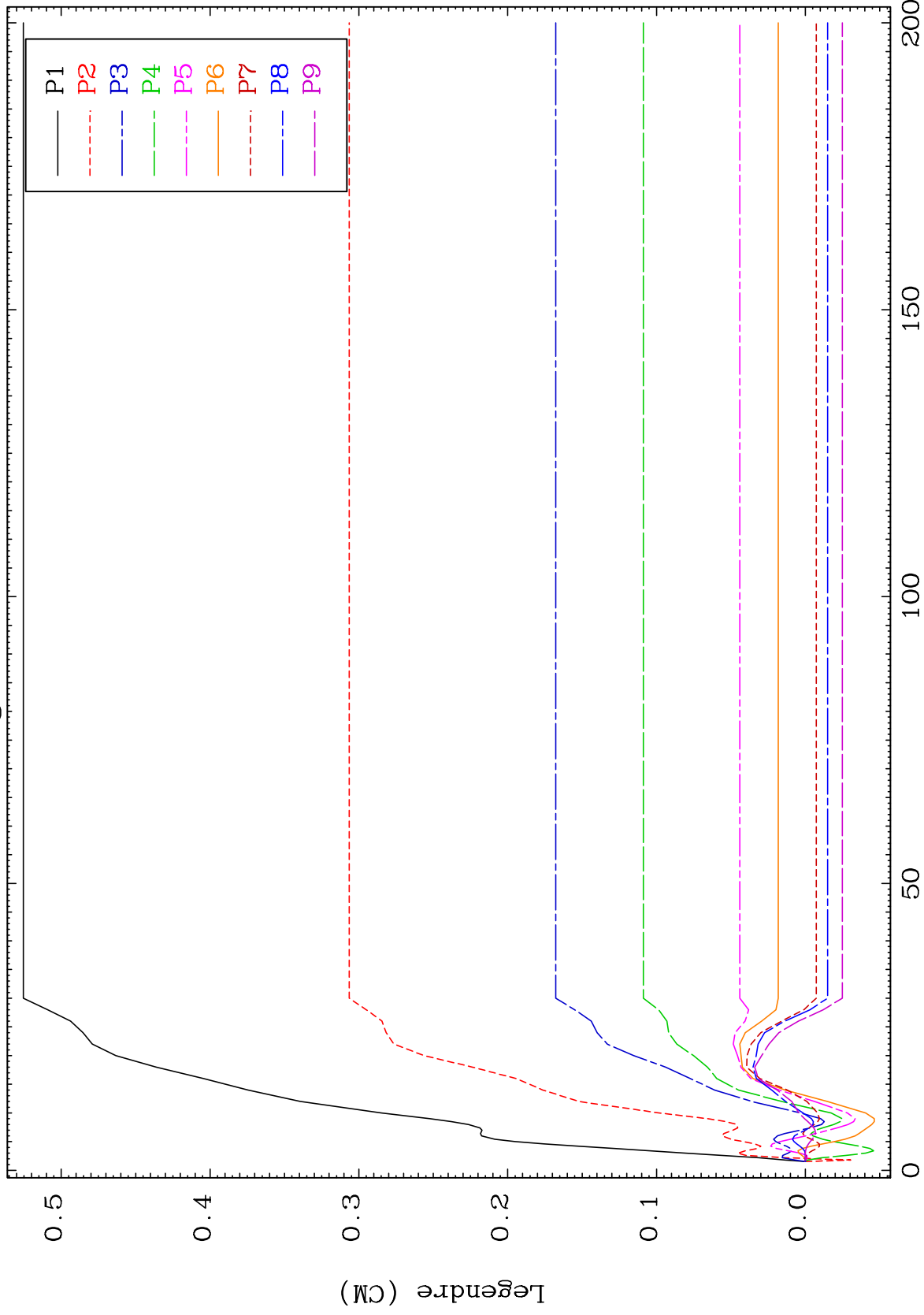
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



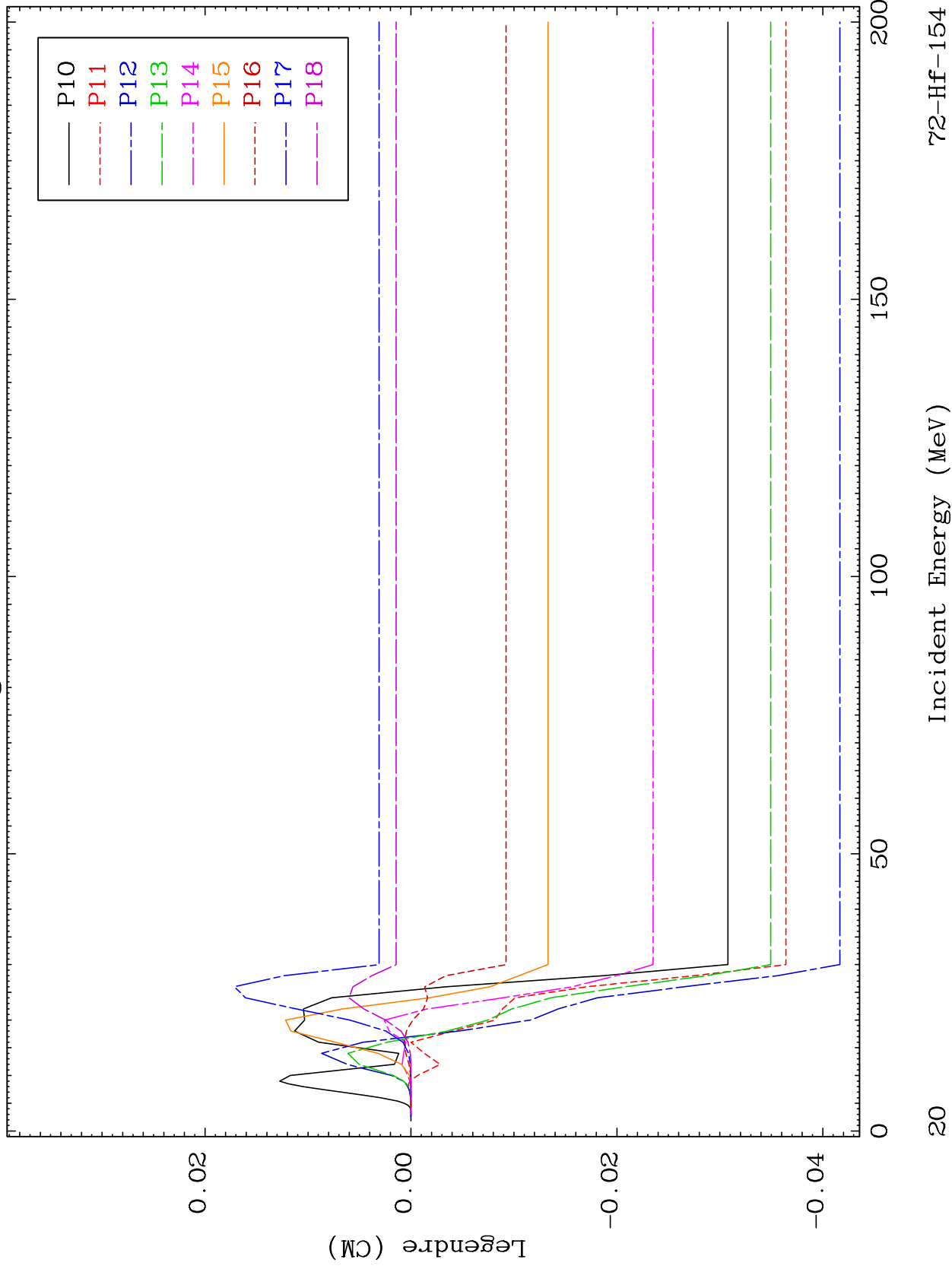
19

72-Hf-154

MAT 7165

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

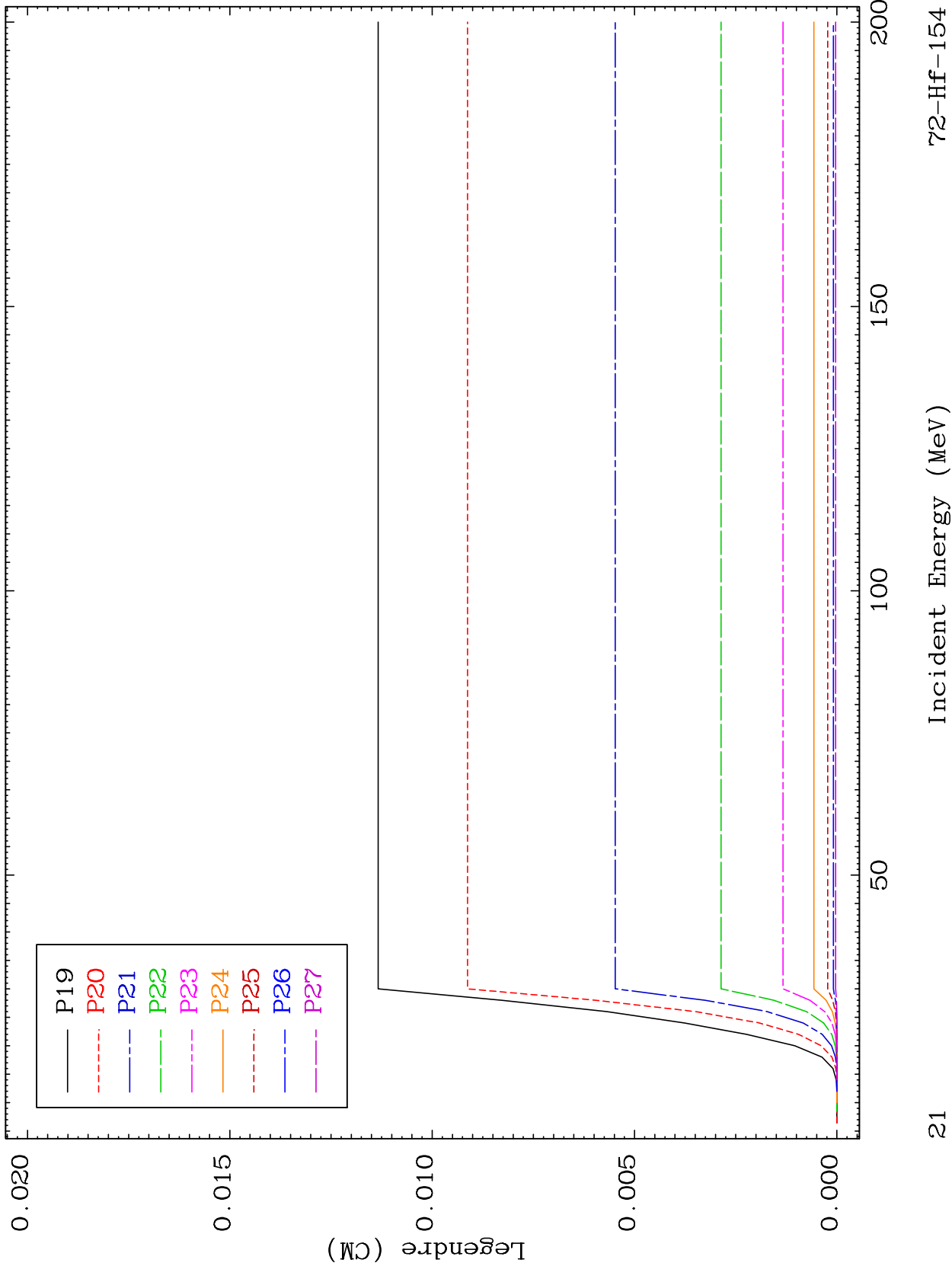
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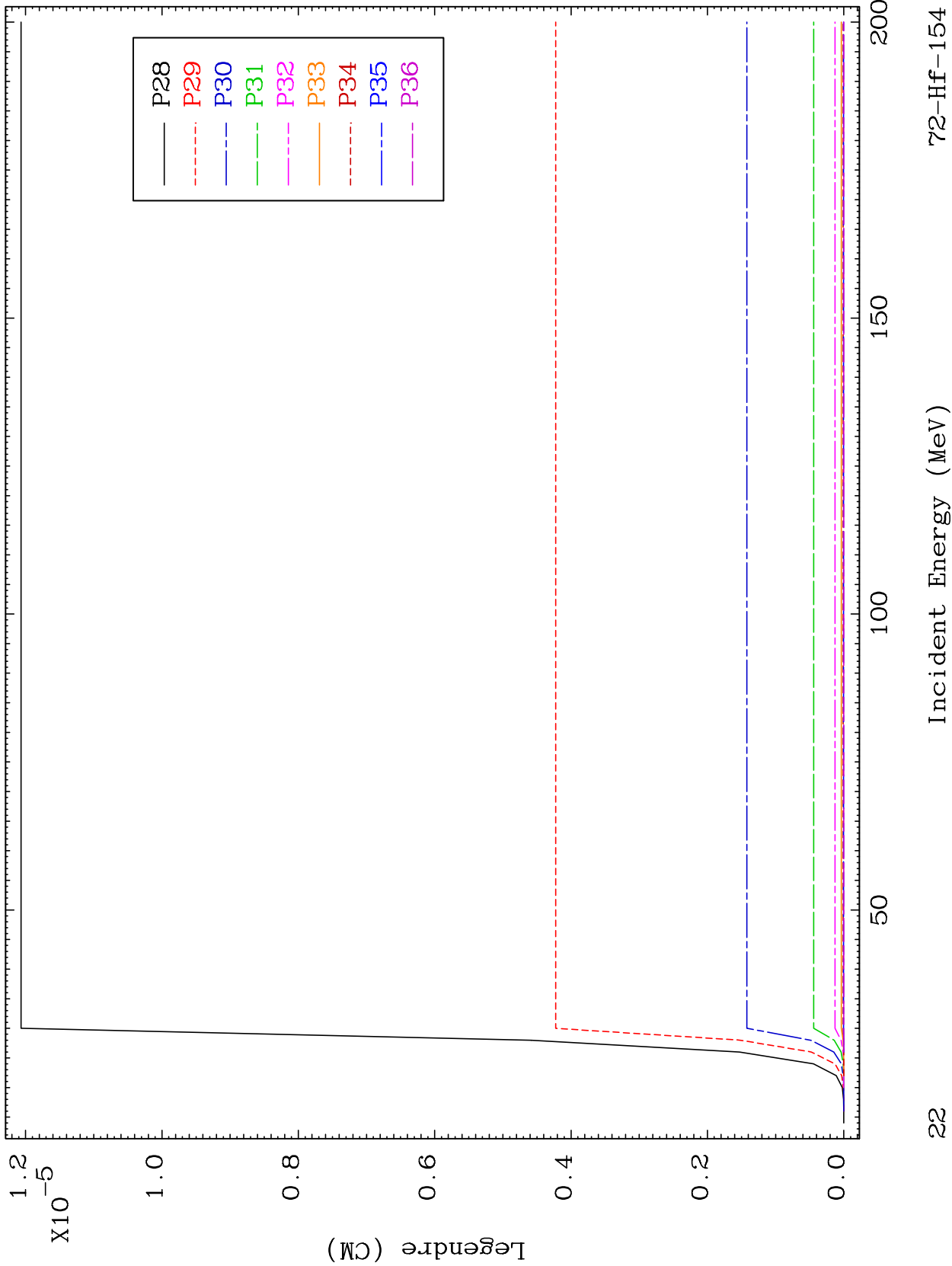


72-Hf-154

Incident Energy (MeV)

20

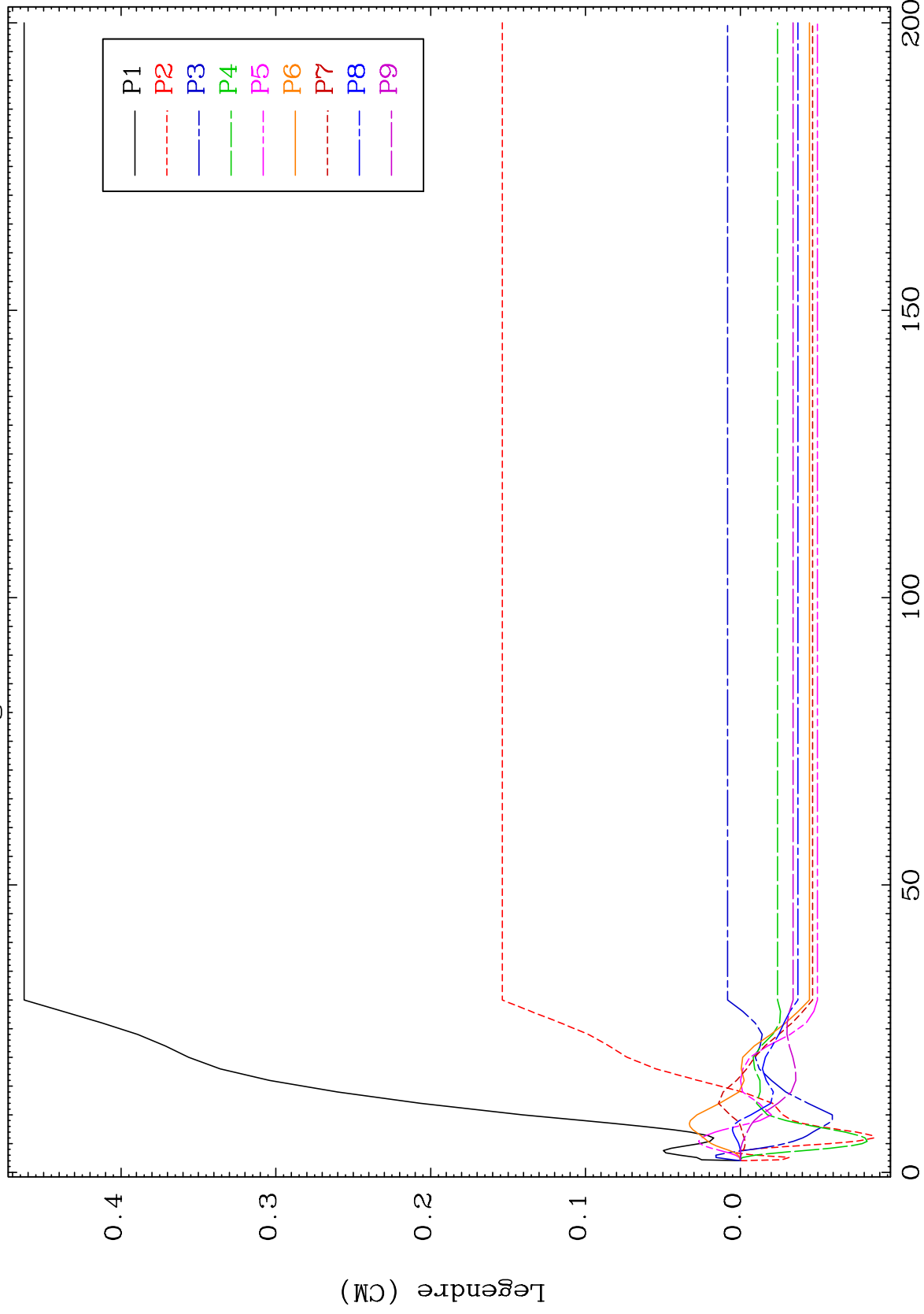




MAT 7165

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

72-Hf-154



23

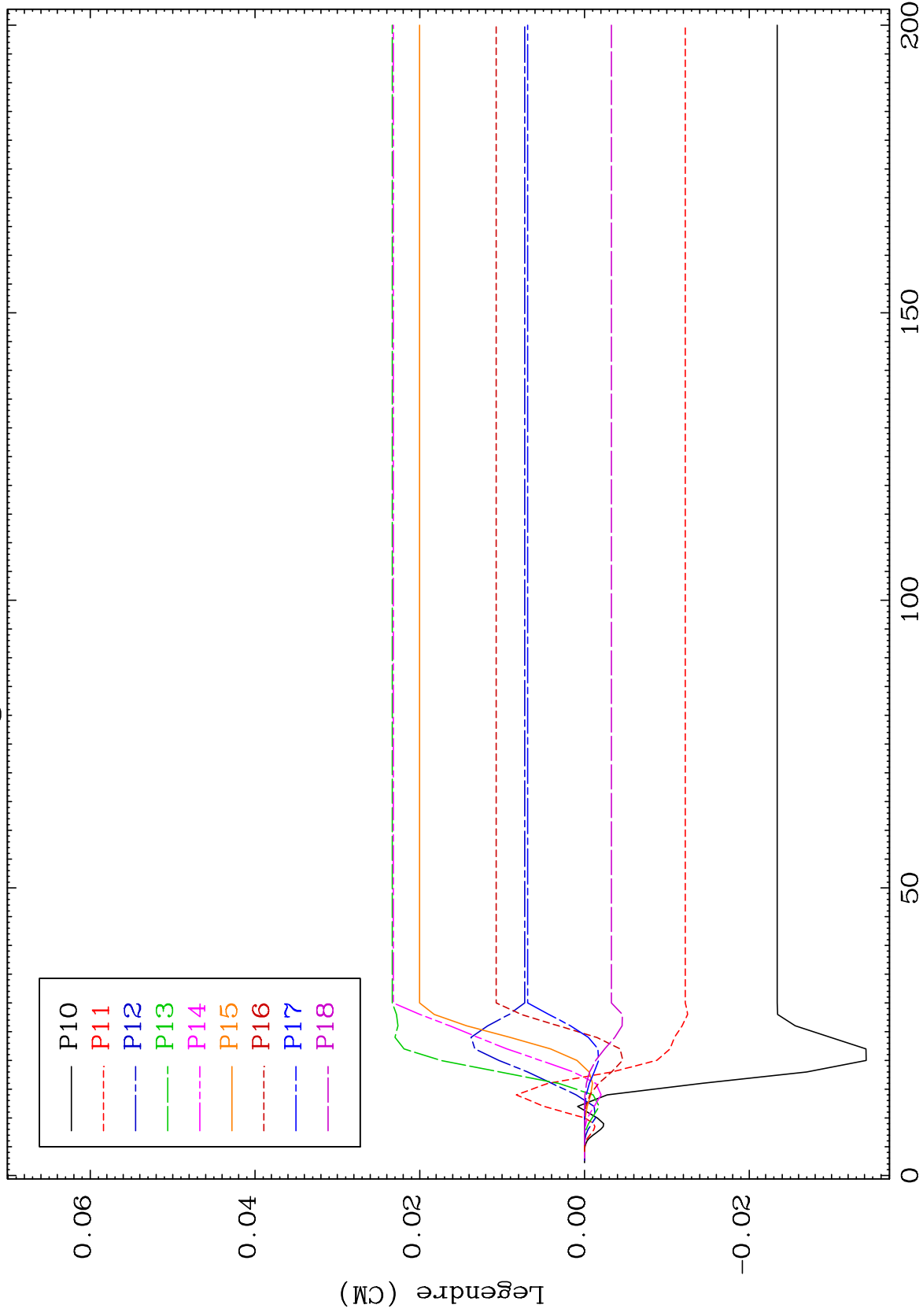
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



24

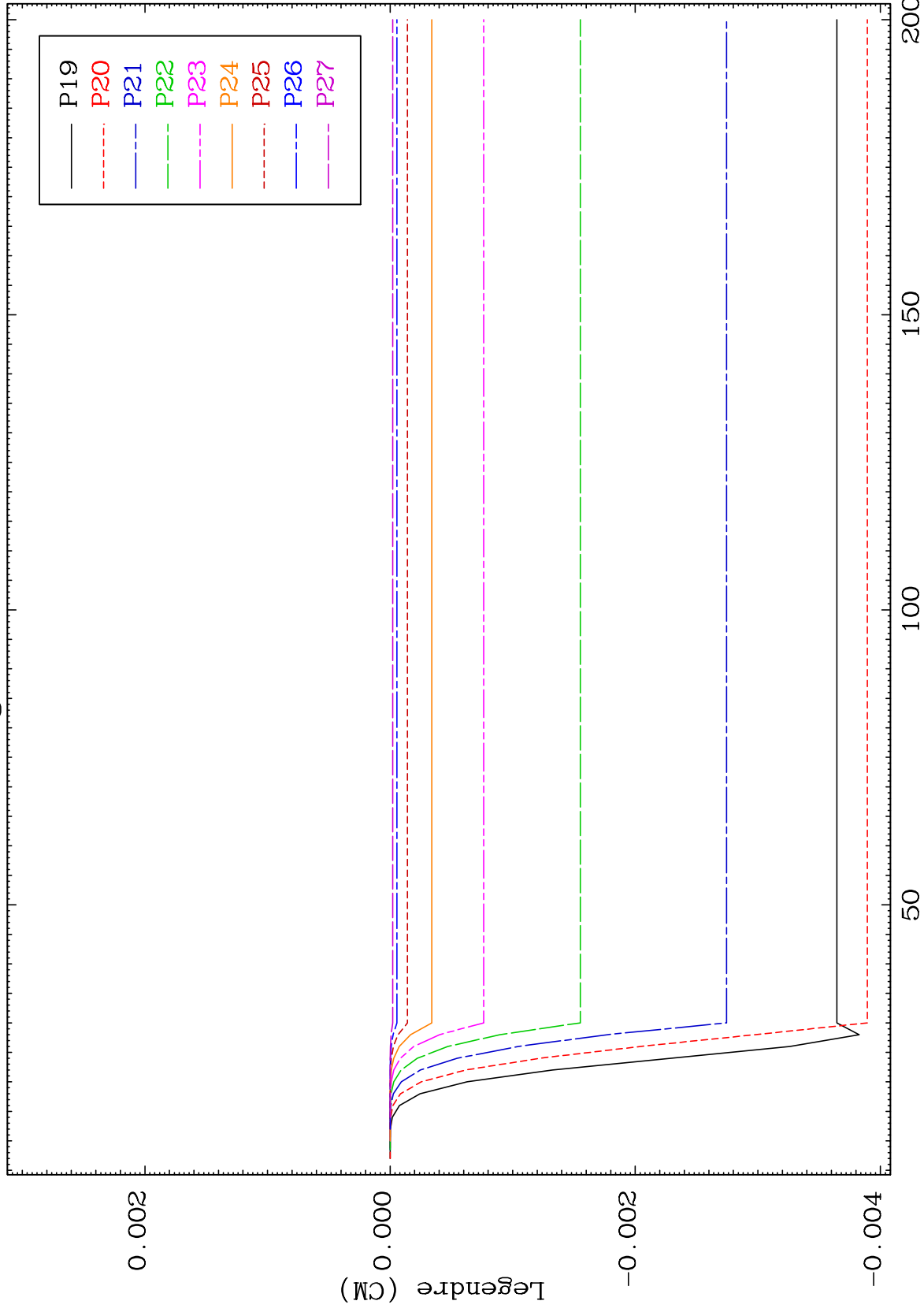
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



25

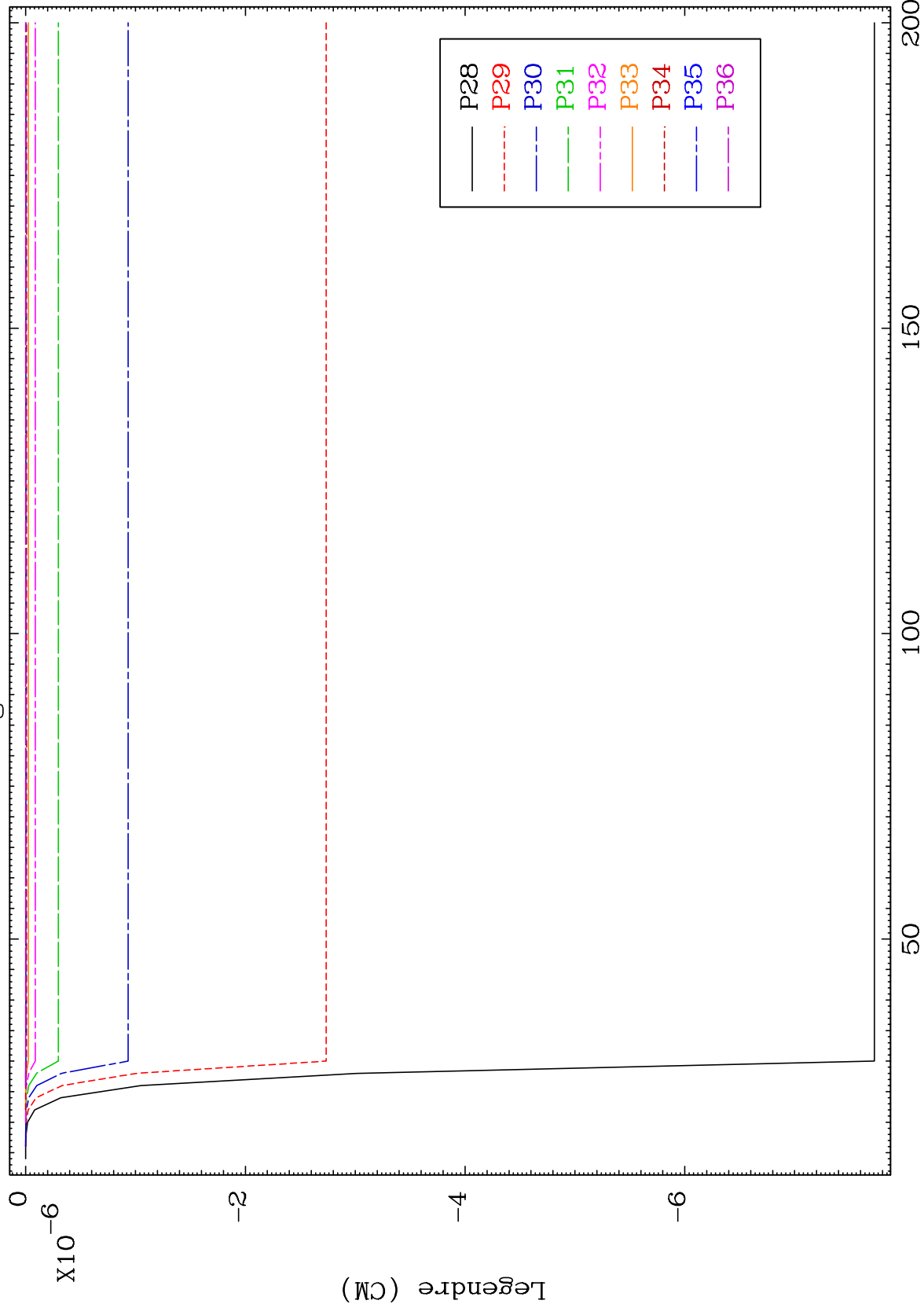
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



26

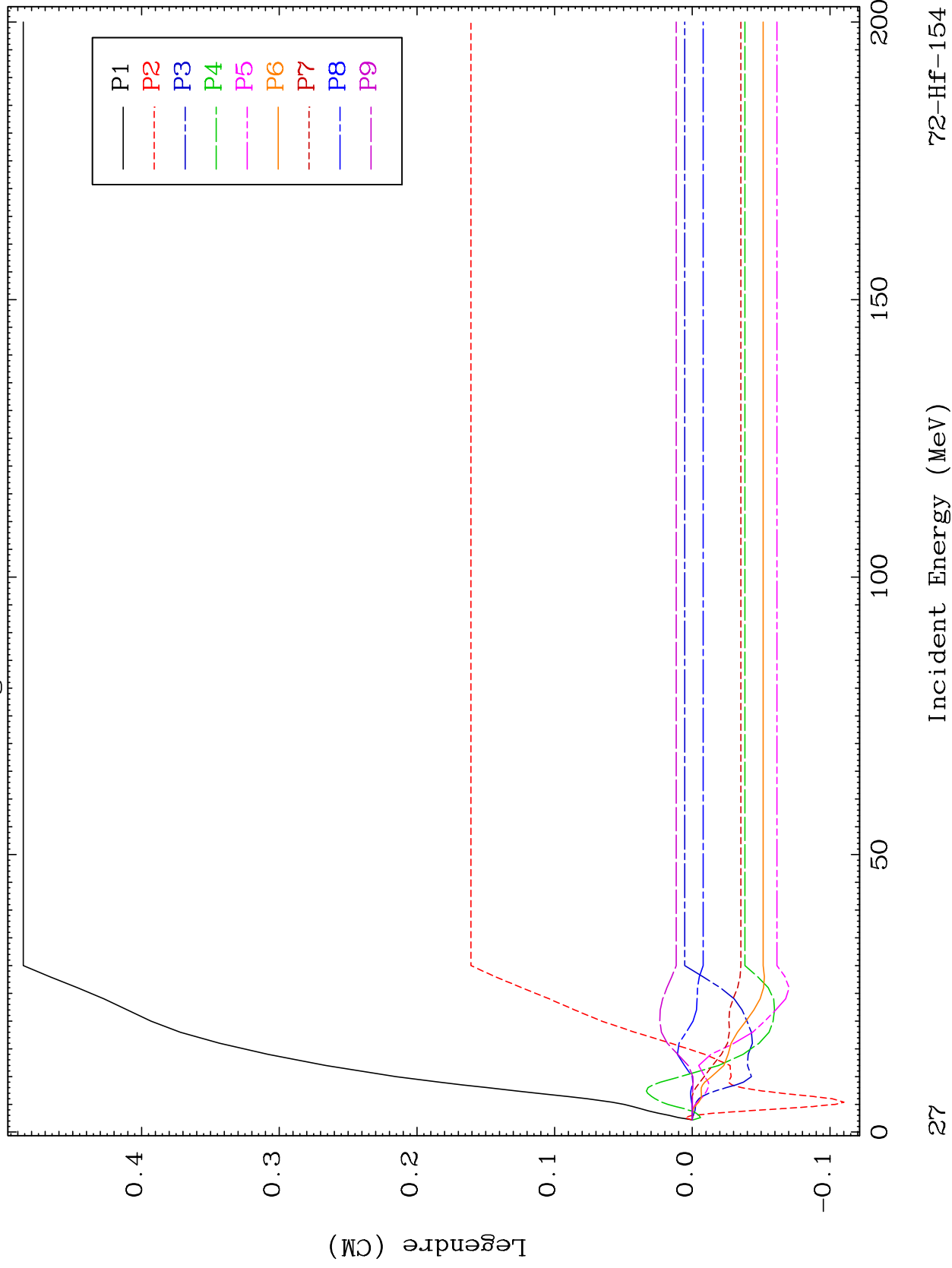
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

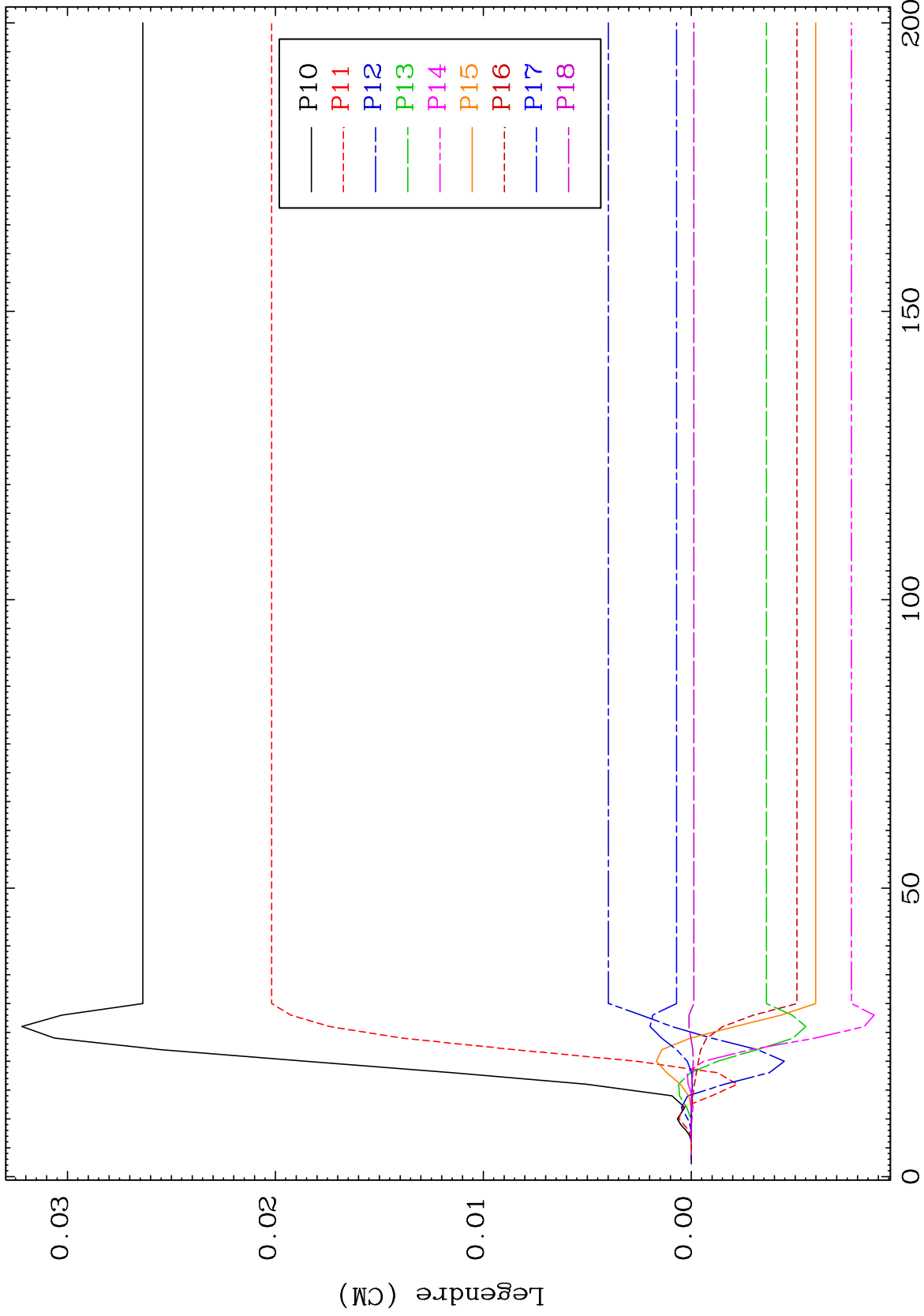
72-Hf-154



72-Hf-154

Incident Energy (MeV)

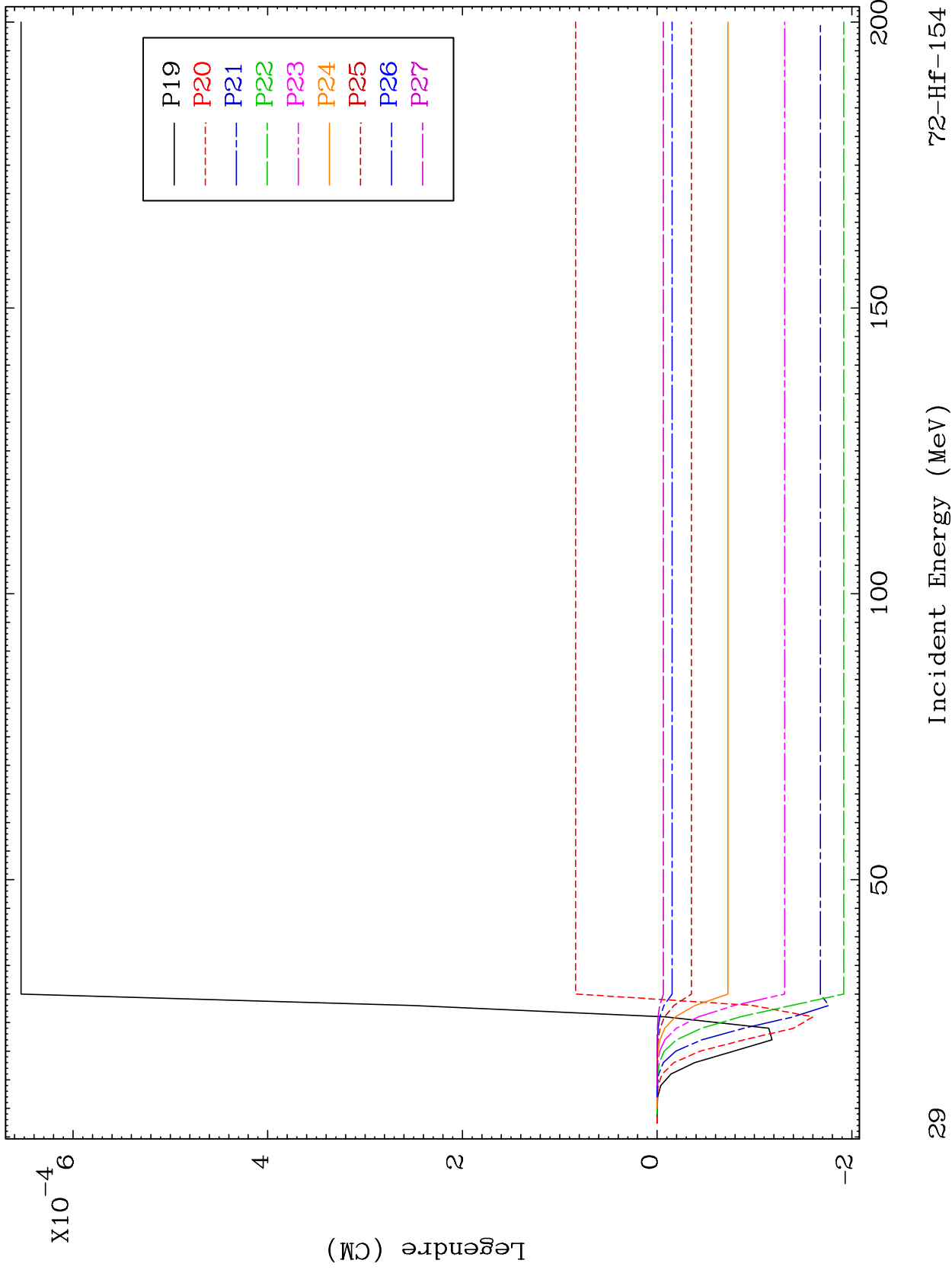
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MAT 7165

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

72-Hf-154



29

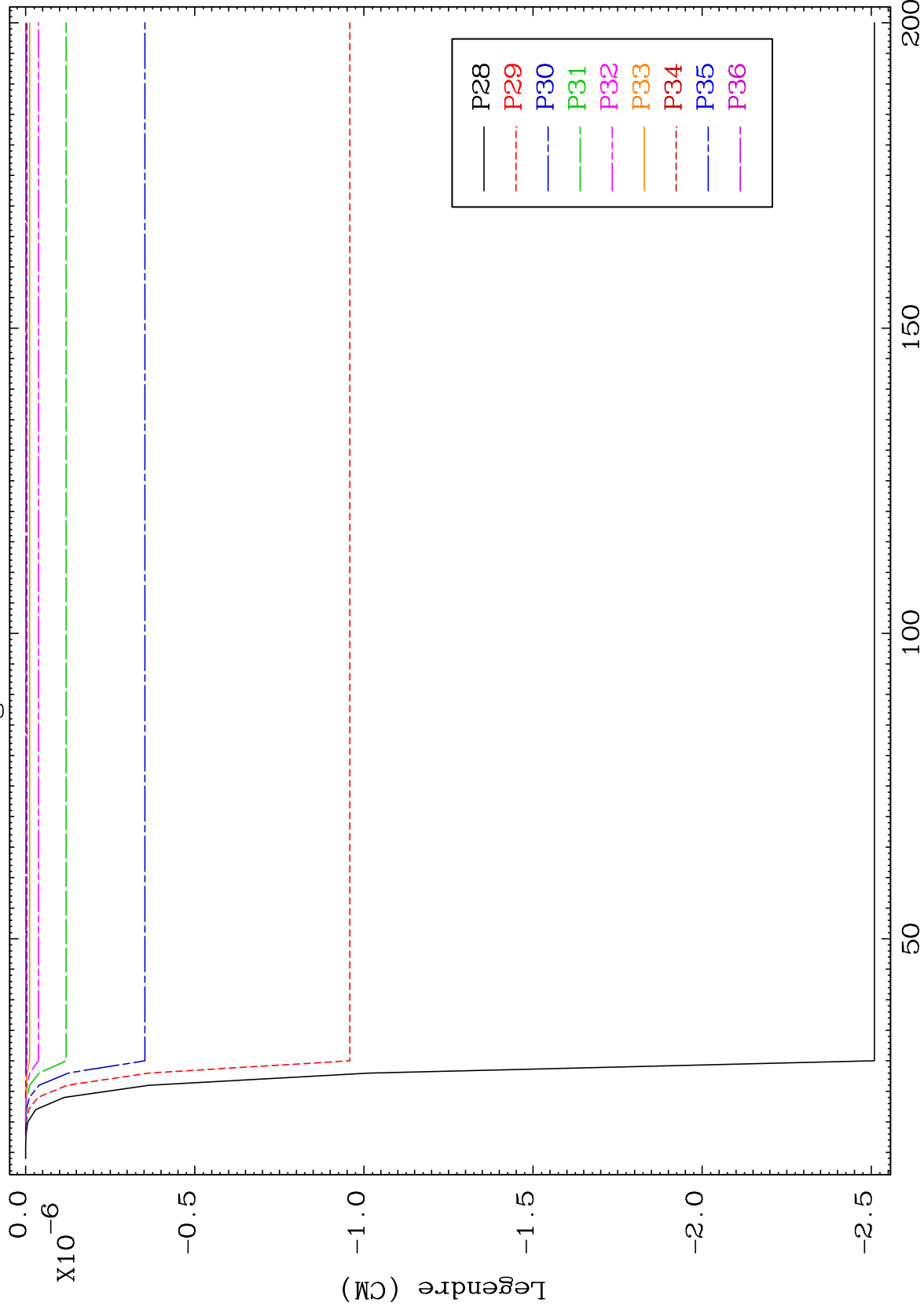
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



72-Hf-154

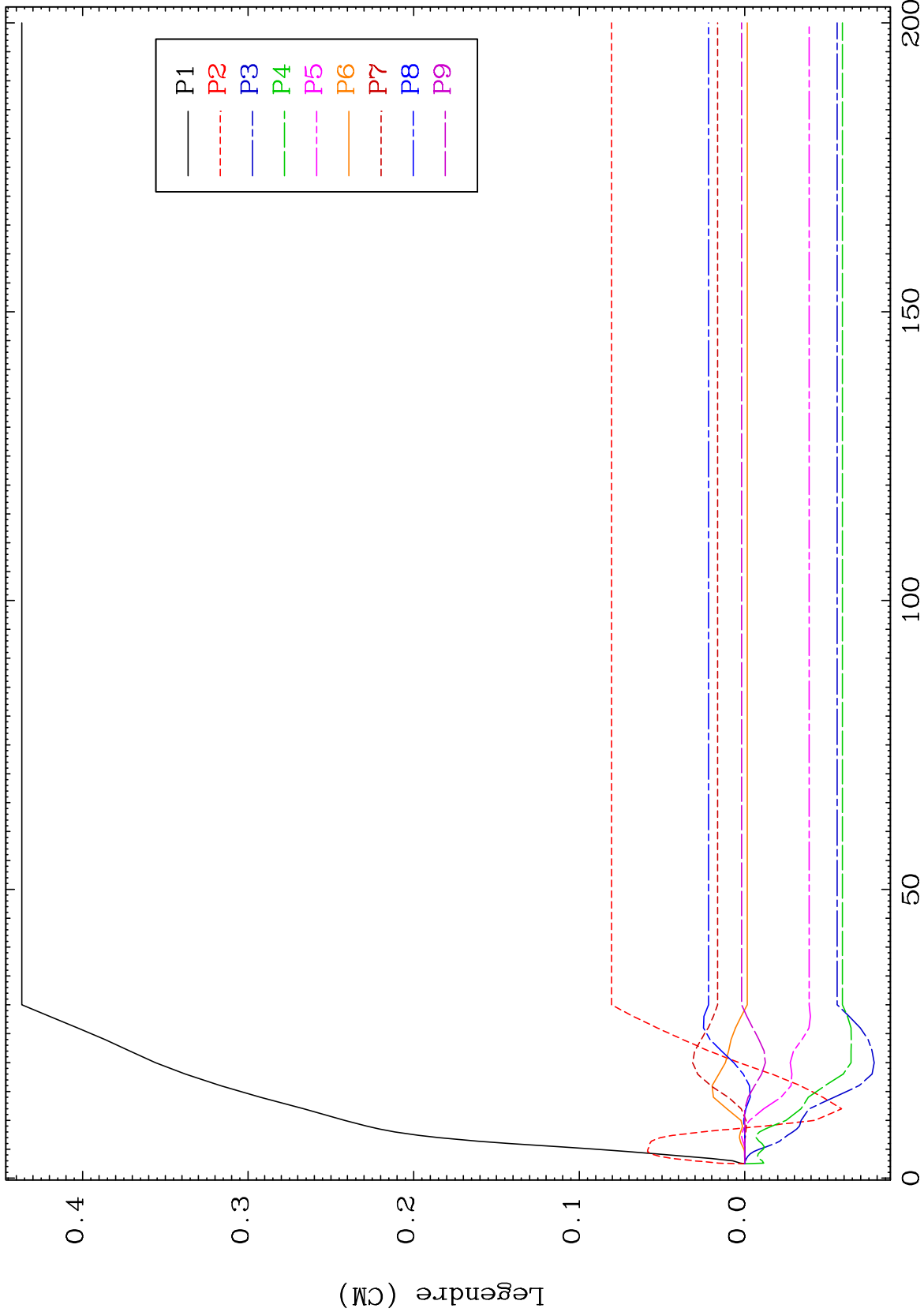
Incident Energy (MeV)

30

MAT 7165

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

72-Hf-154



31

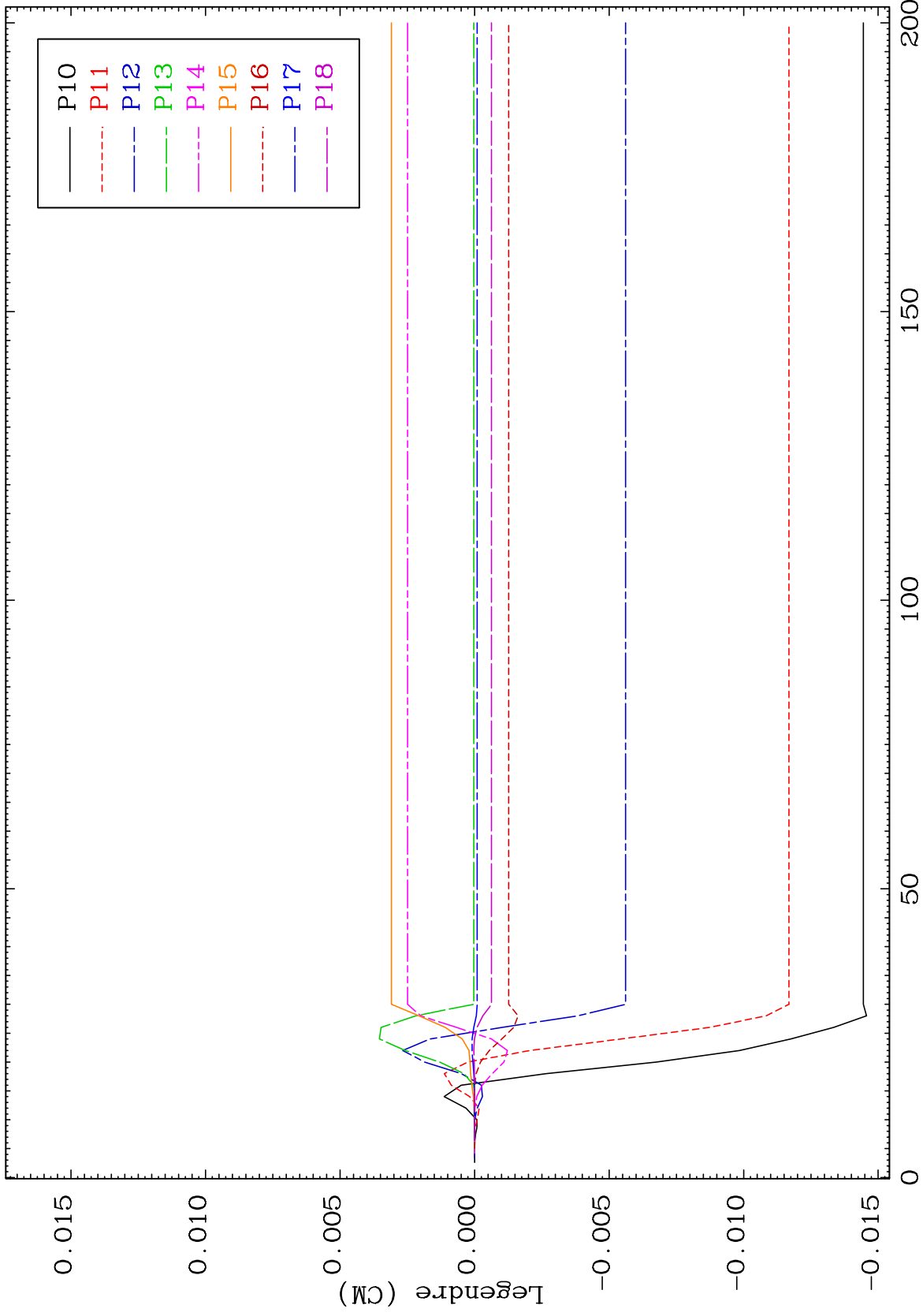
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

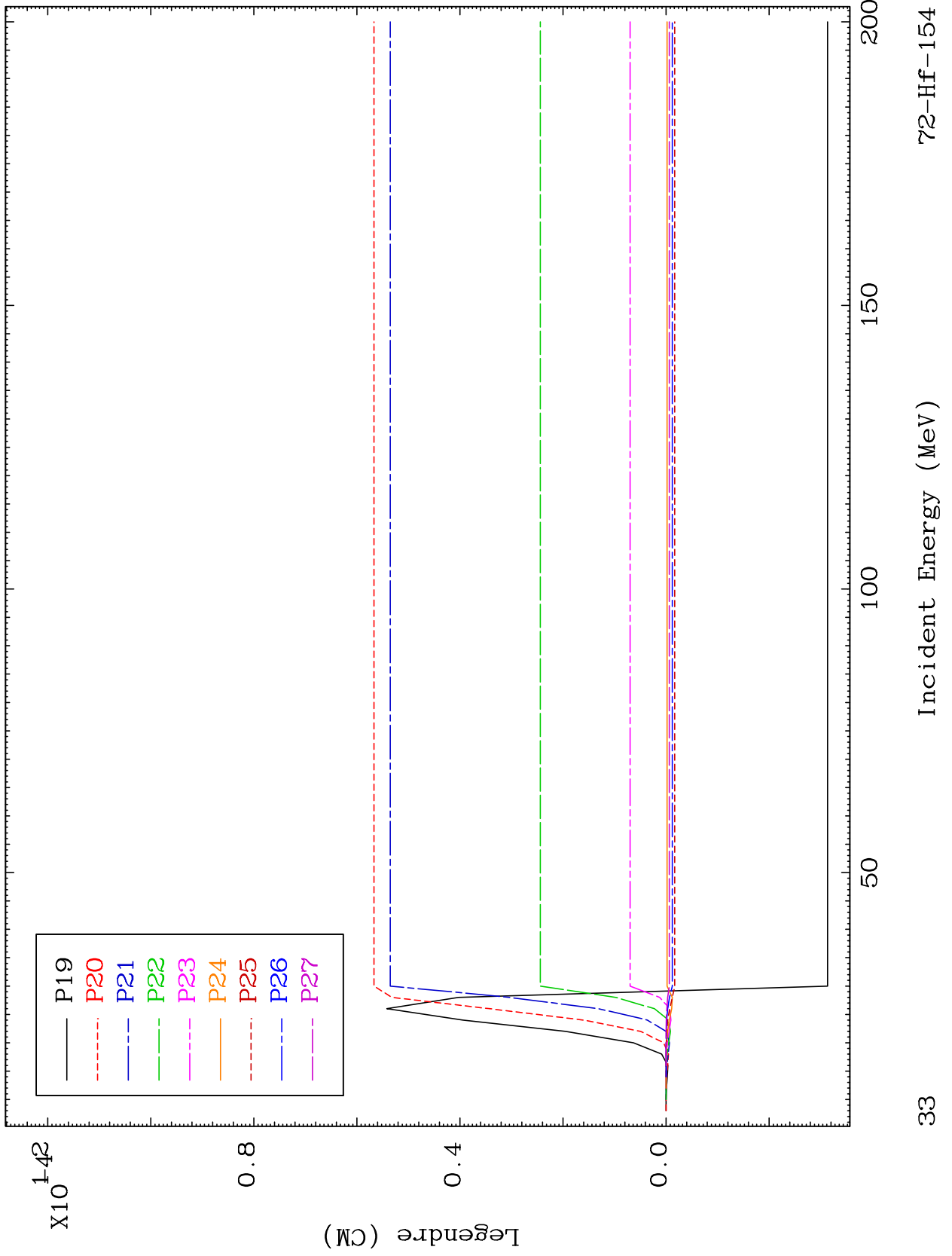
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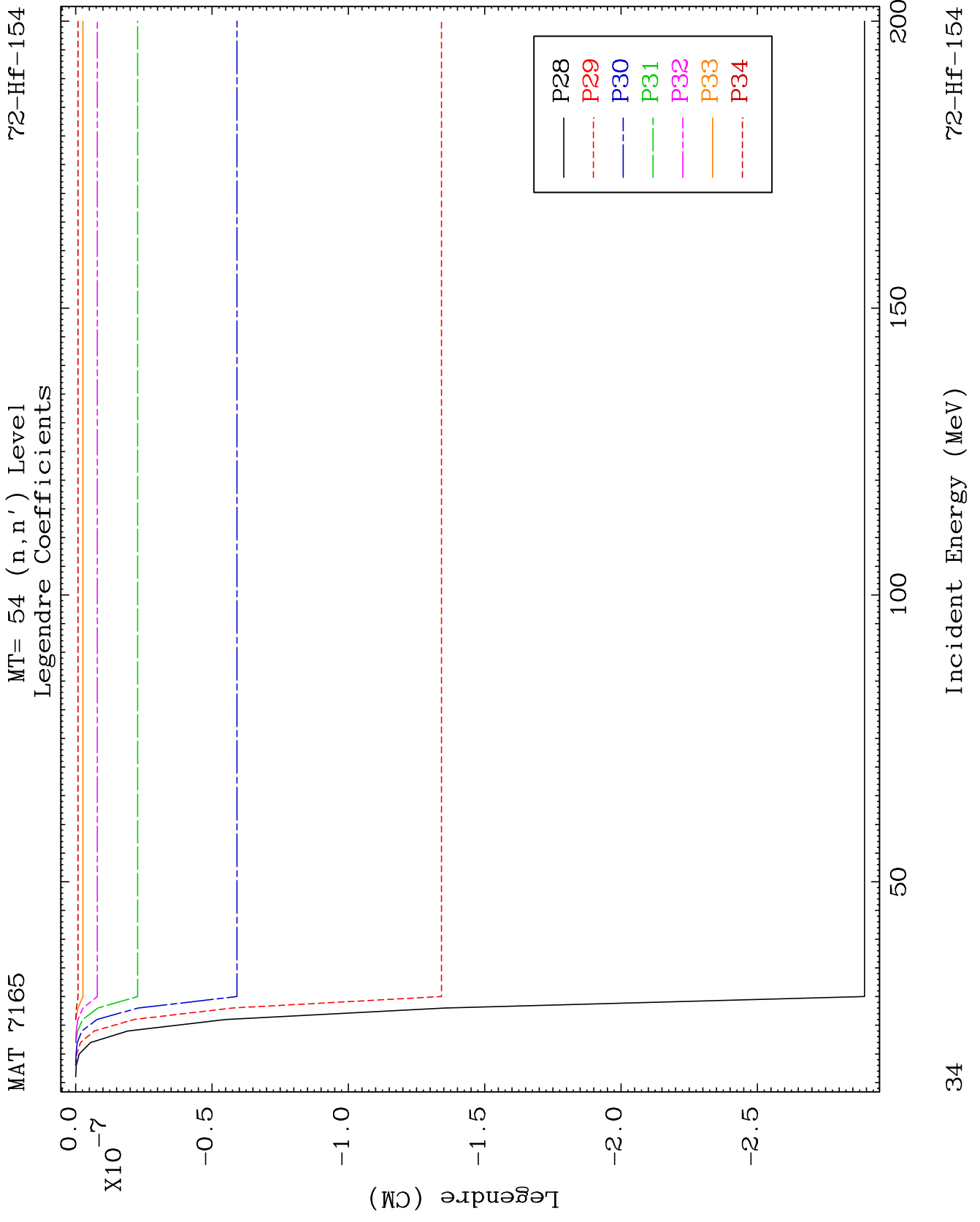


32

Incident Energy (MeV)

72-Hf-154

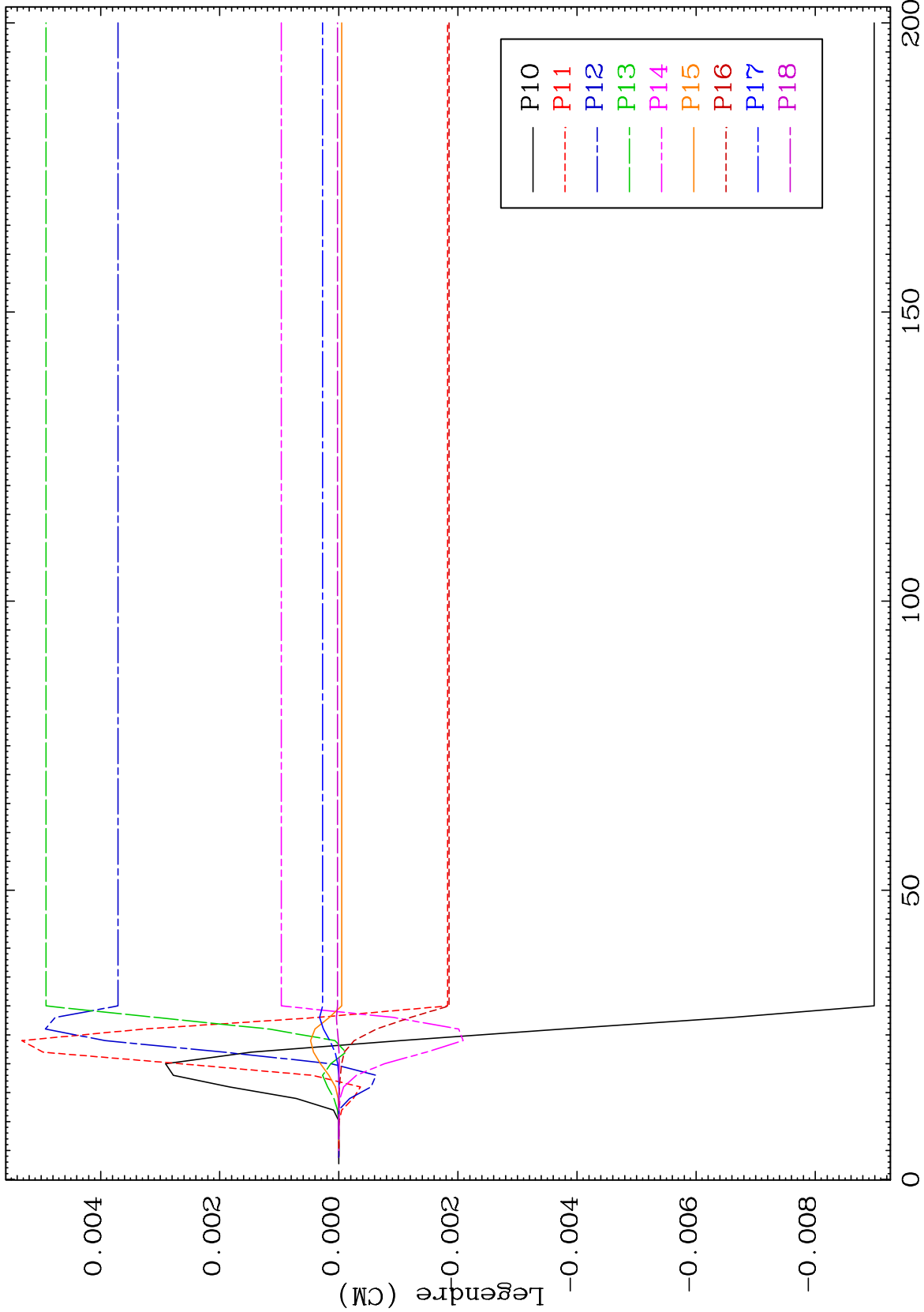




MAT 7165

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

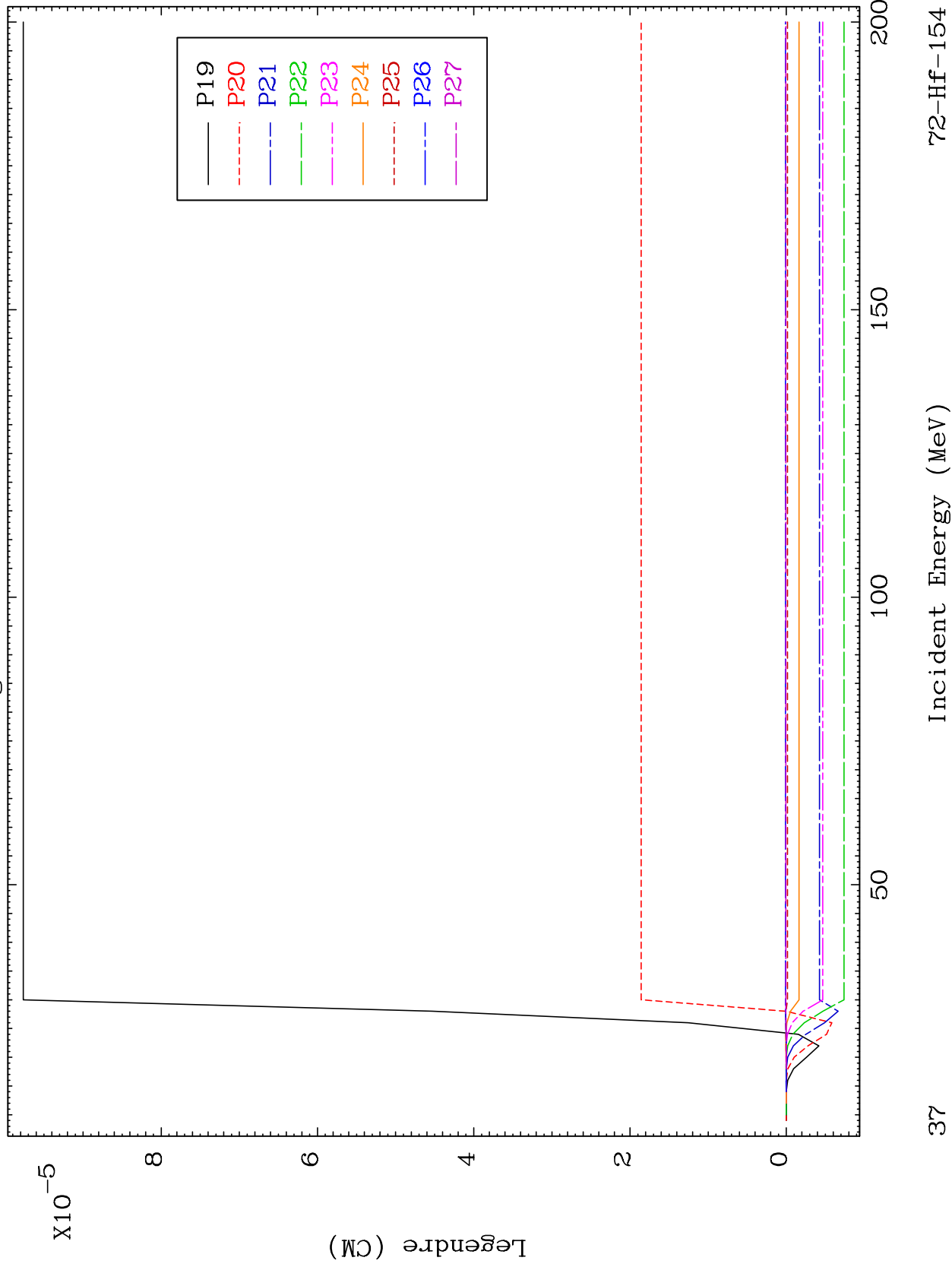
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MAT 7165

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

72-Hf-154



37

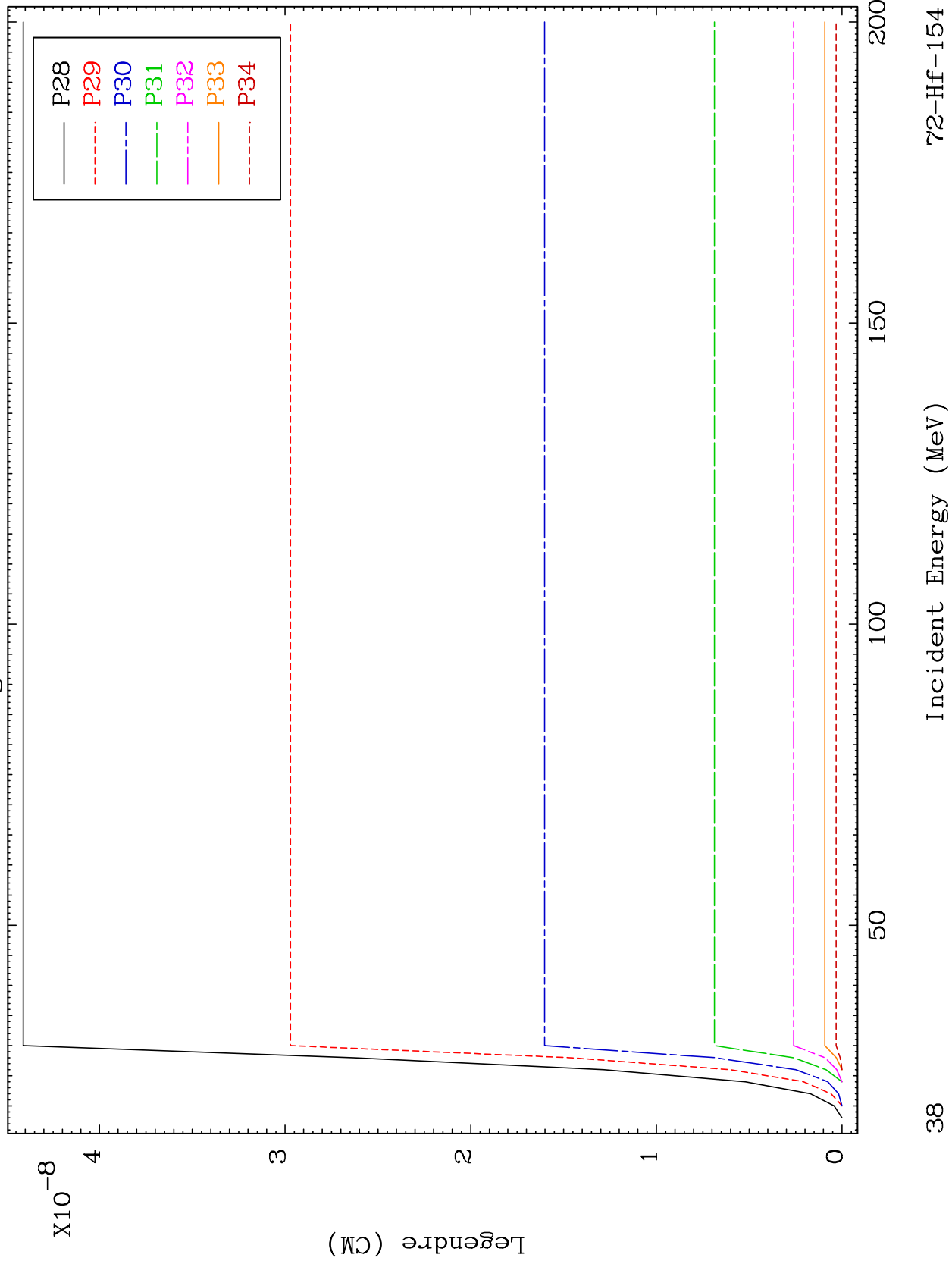
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

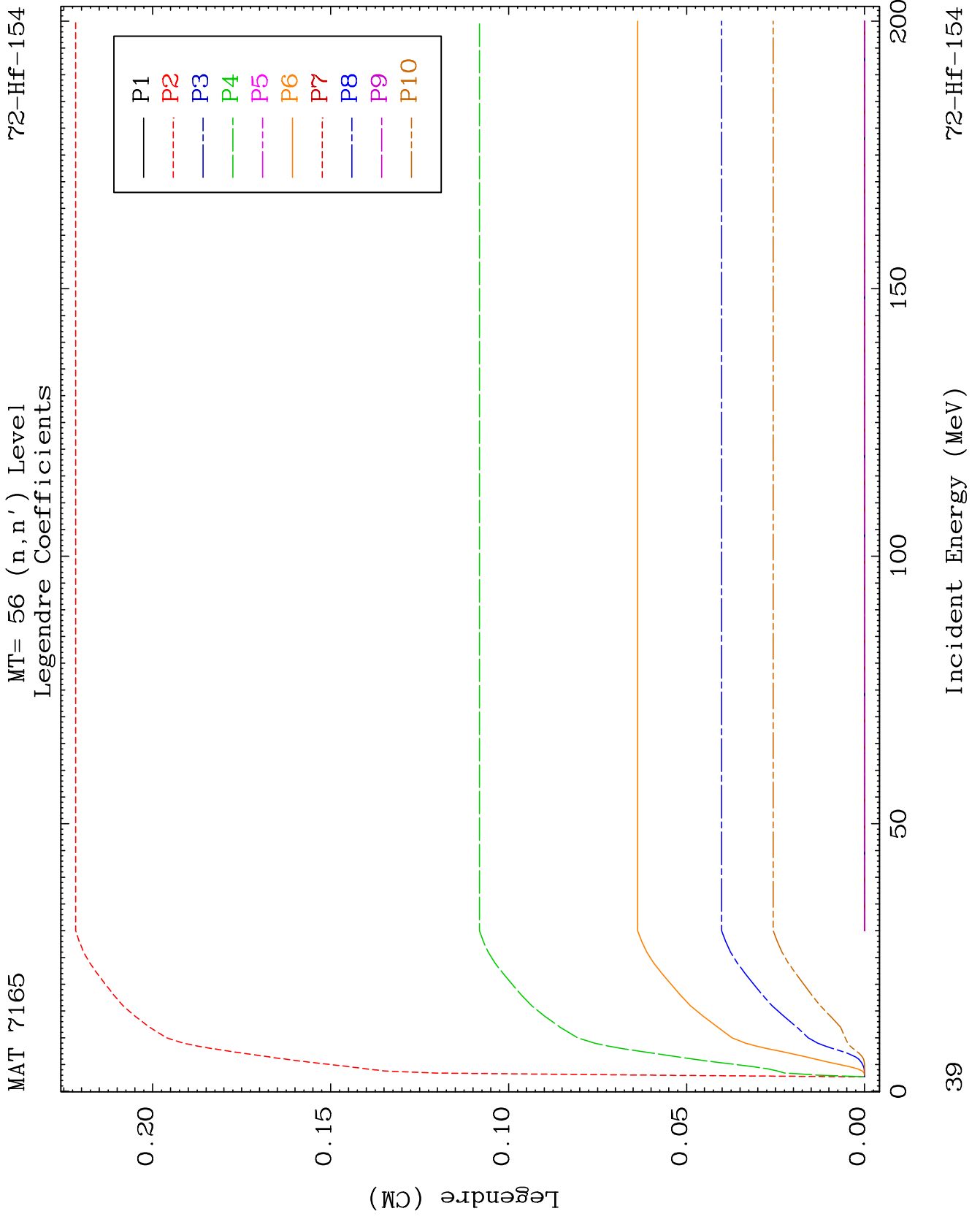
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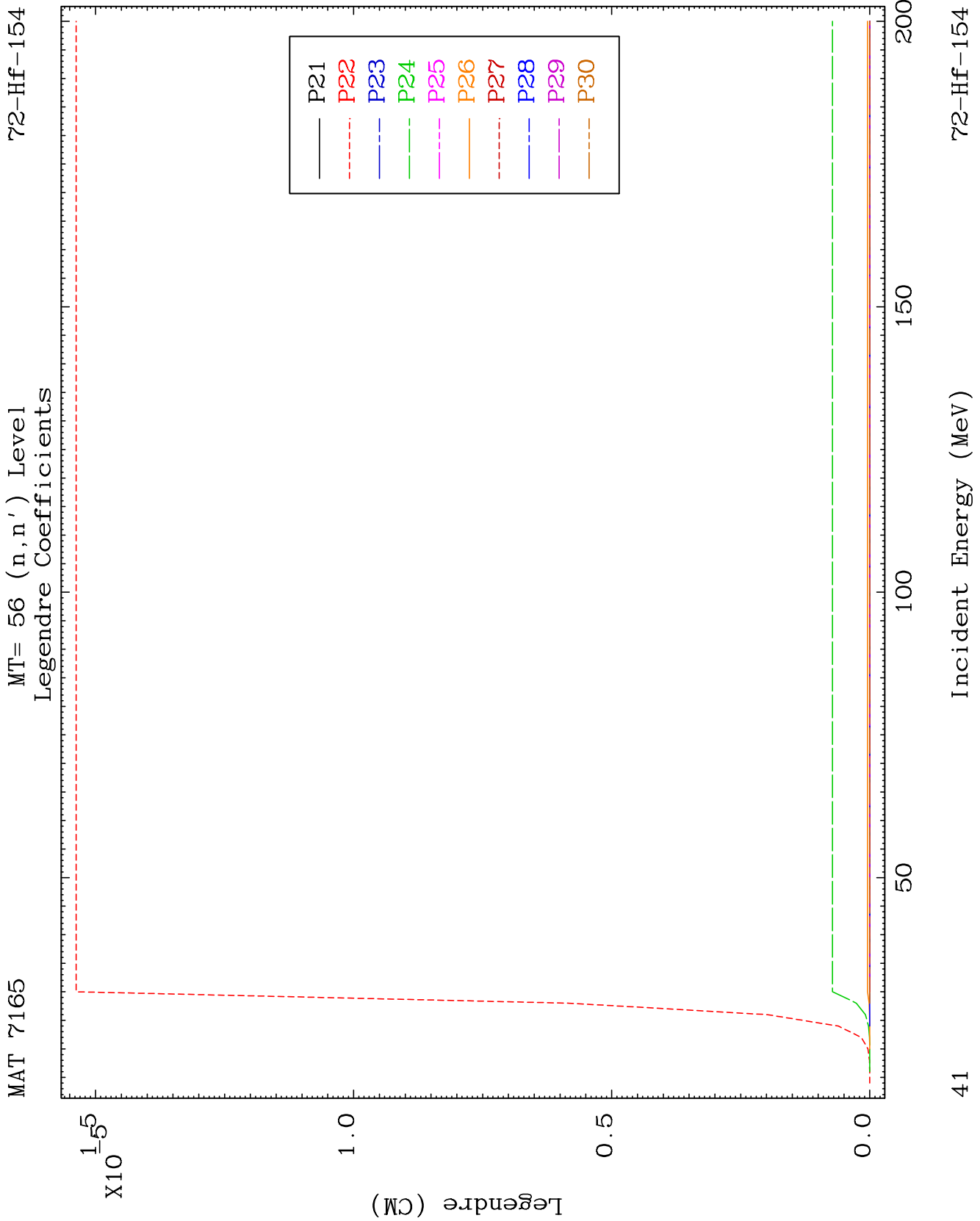


38

Incident Energy (MeV)

72-Hf-154

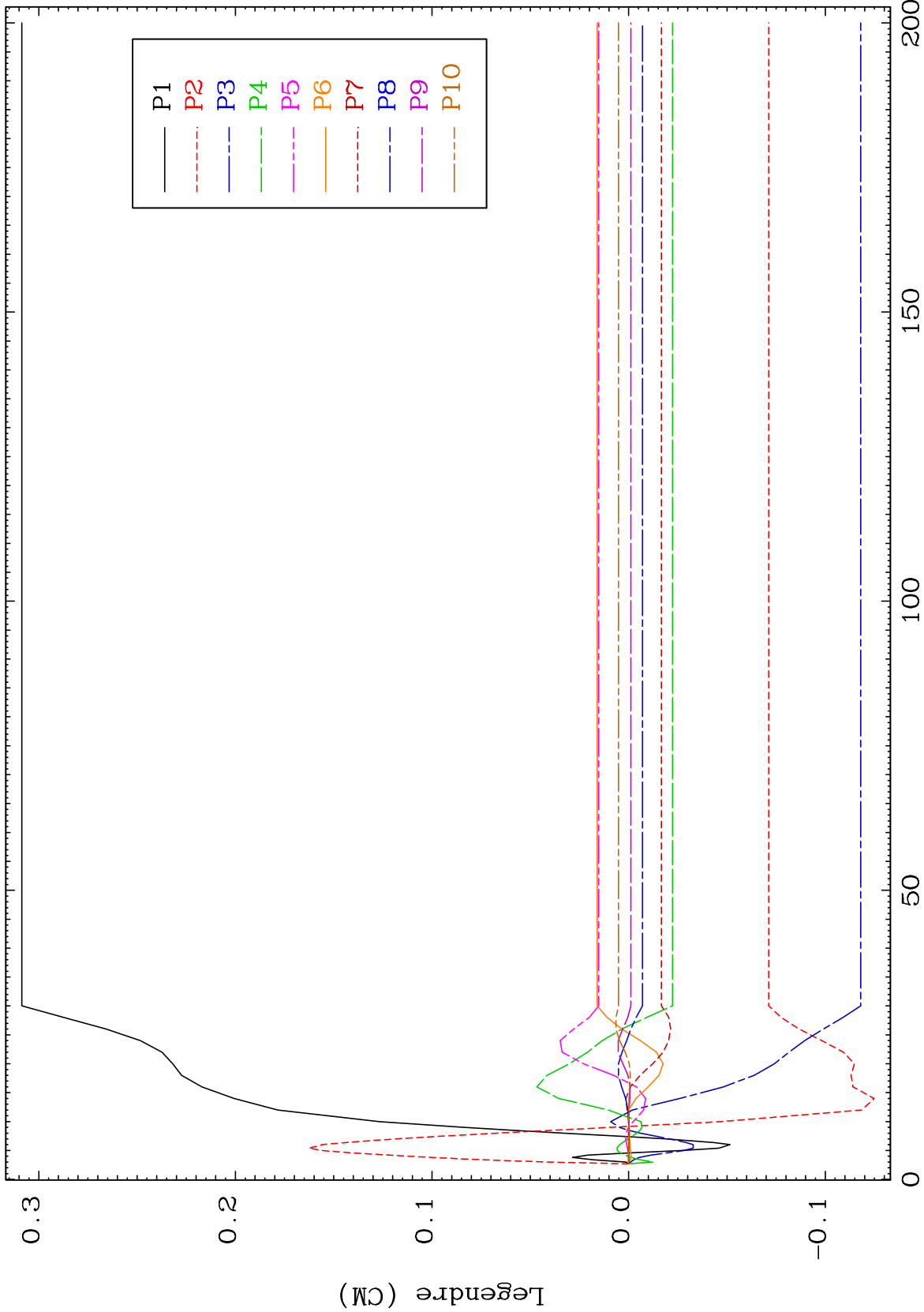




MAT 7165

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

72-Hf-154



42

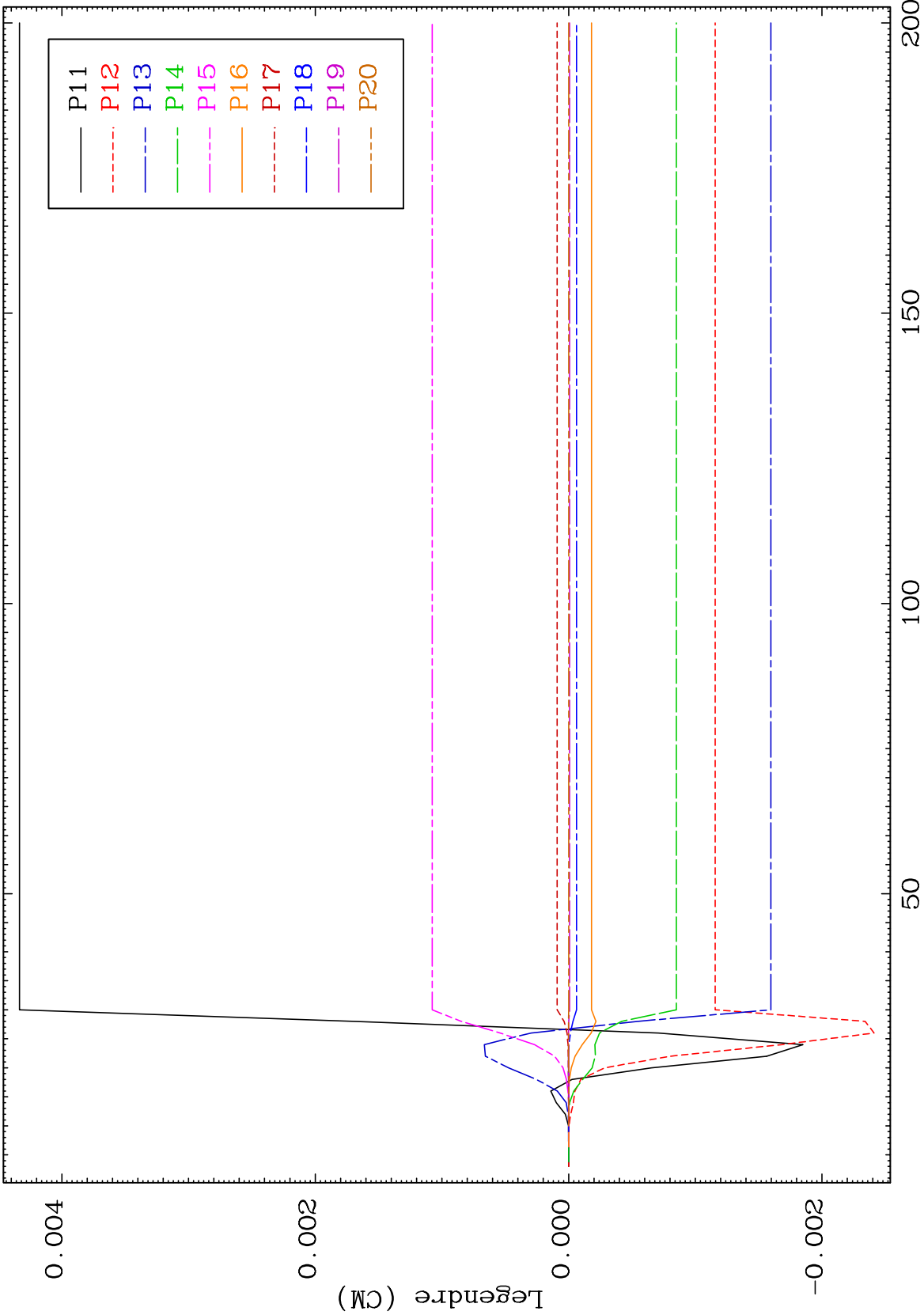
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



43

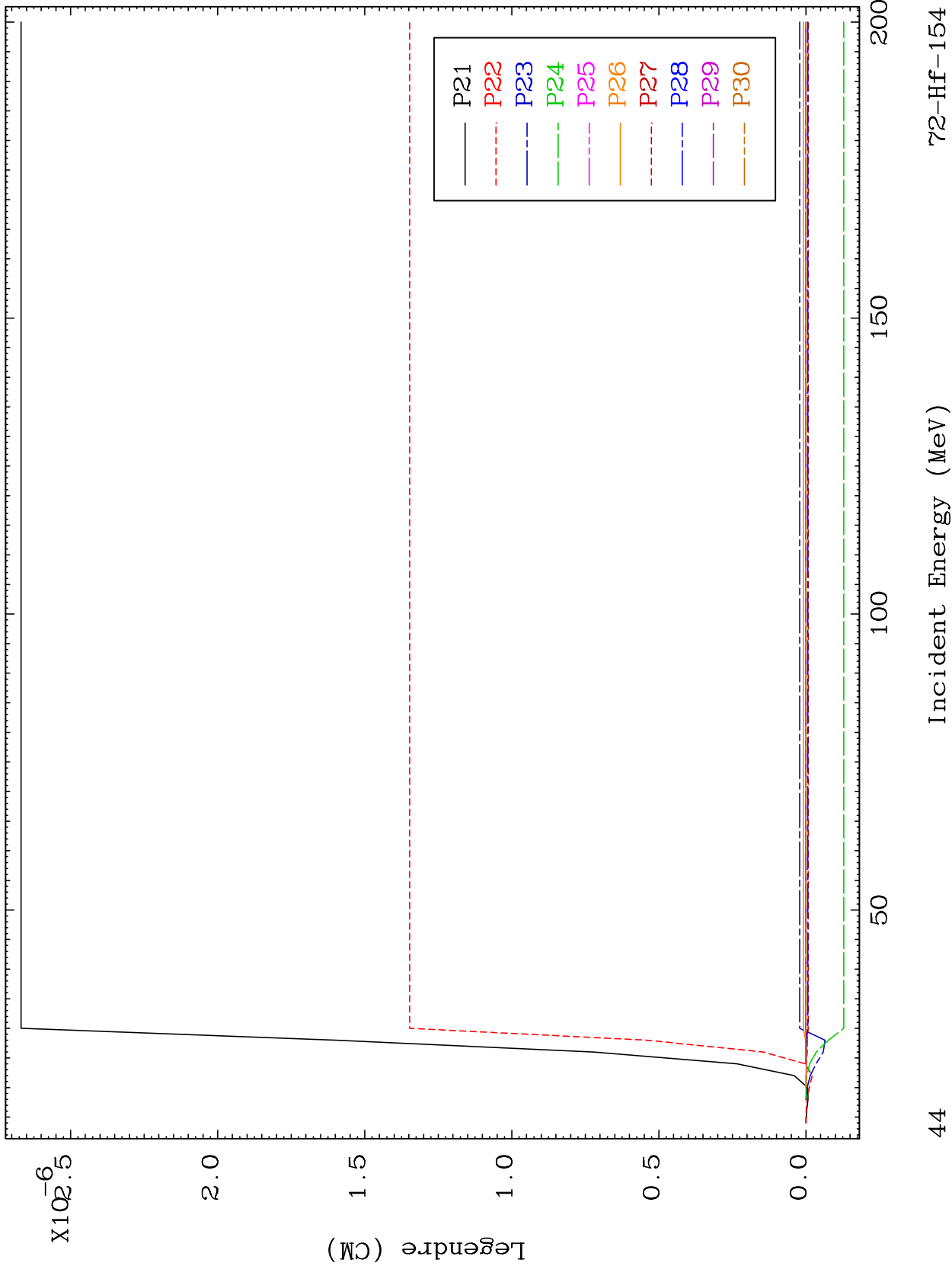
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

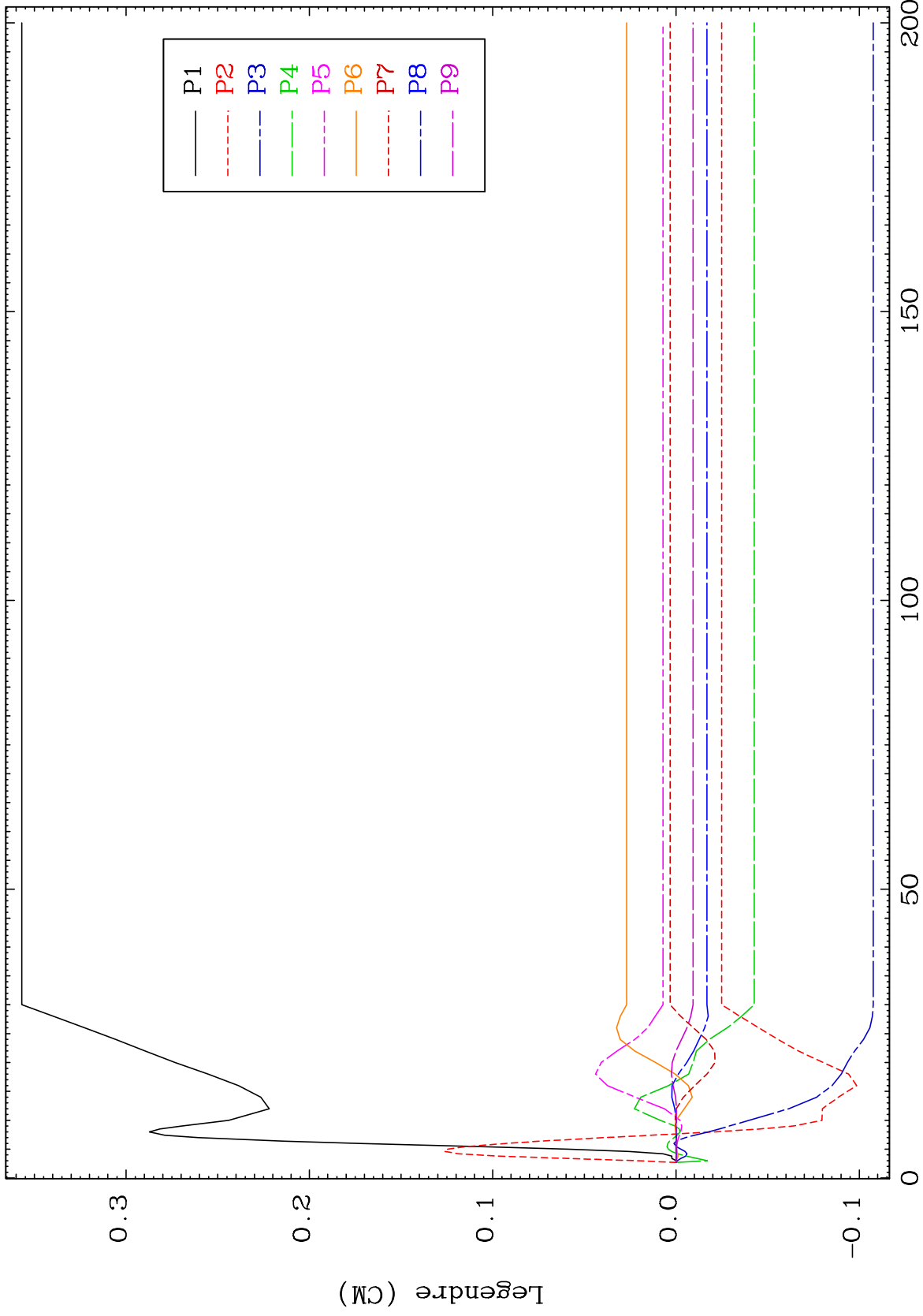
72-Hf-154



MAT 7165

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

72-Hf-154



72-Hf-154

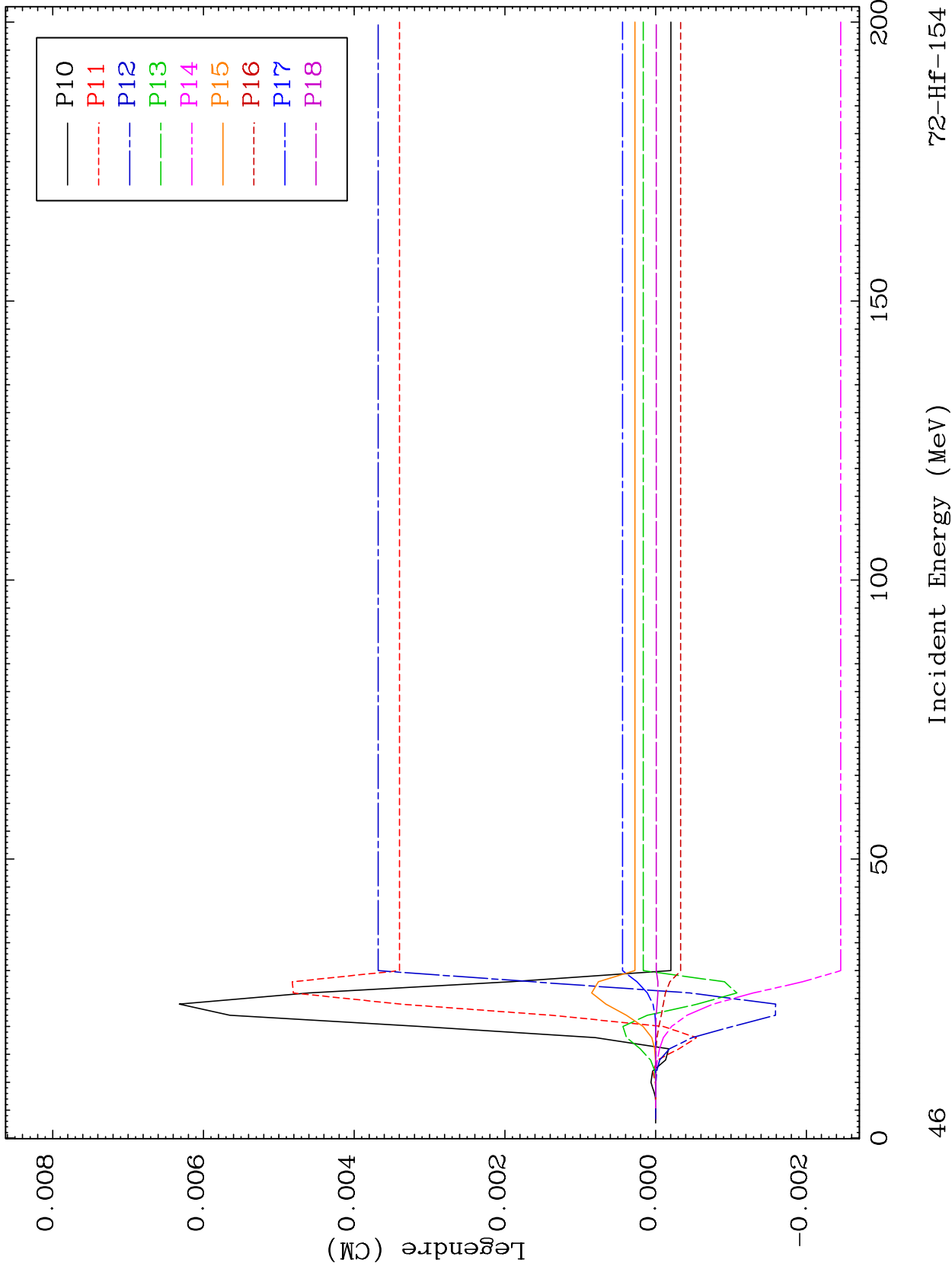
Incident Energy (MeV)

45

MAT 7165

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

72-Hf-154



46

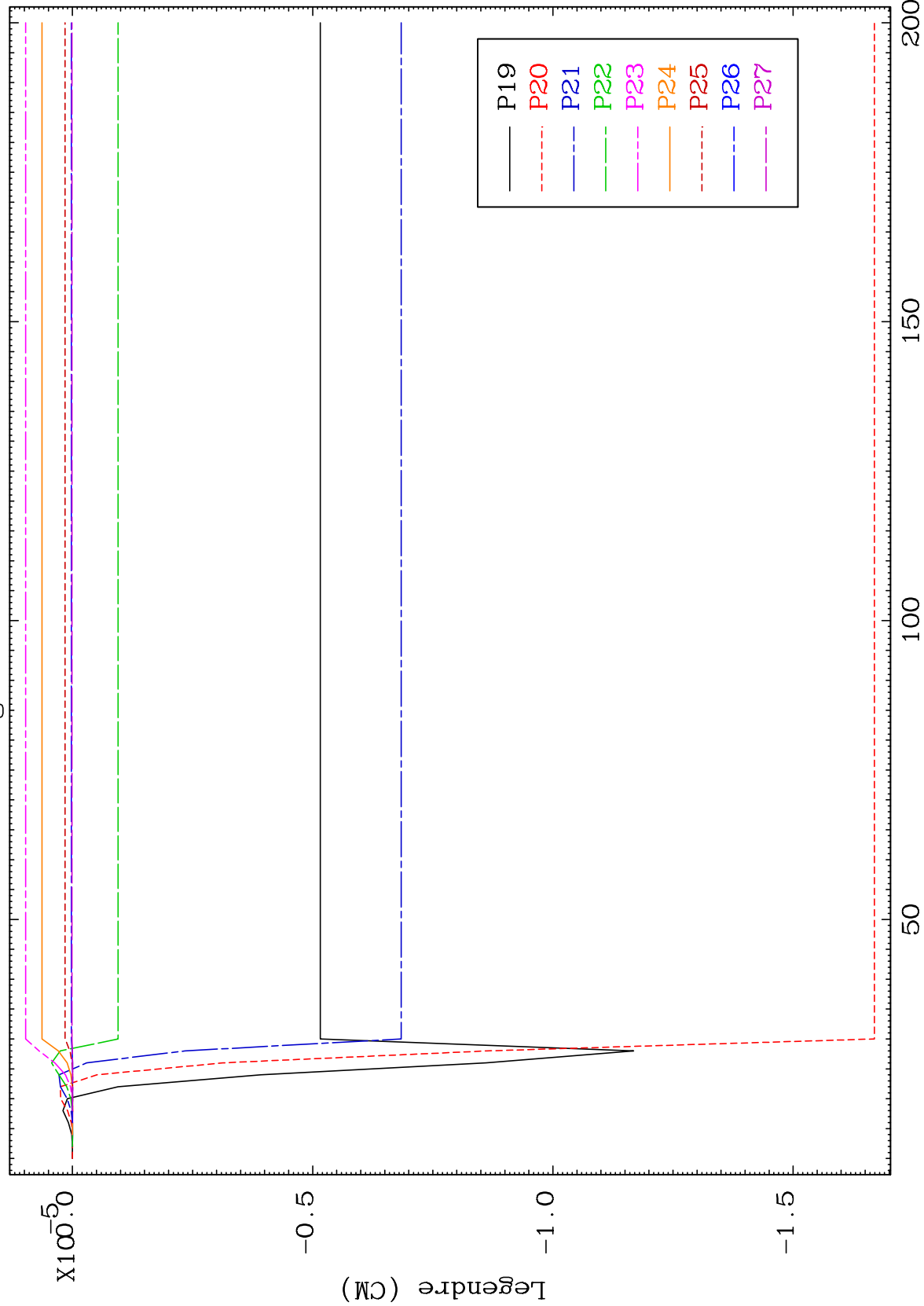
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



72-Hf-154

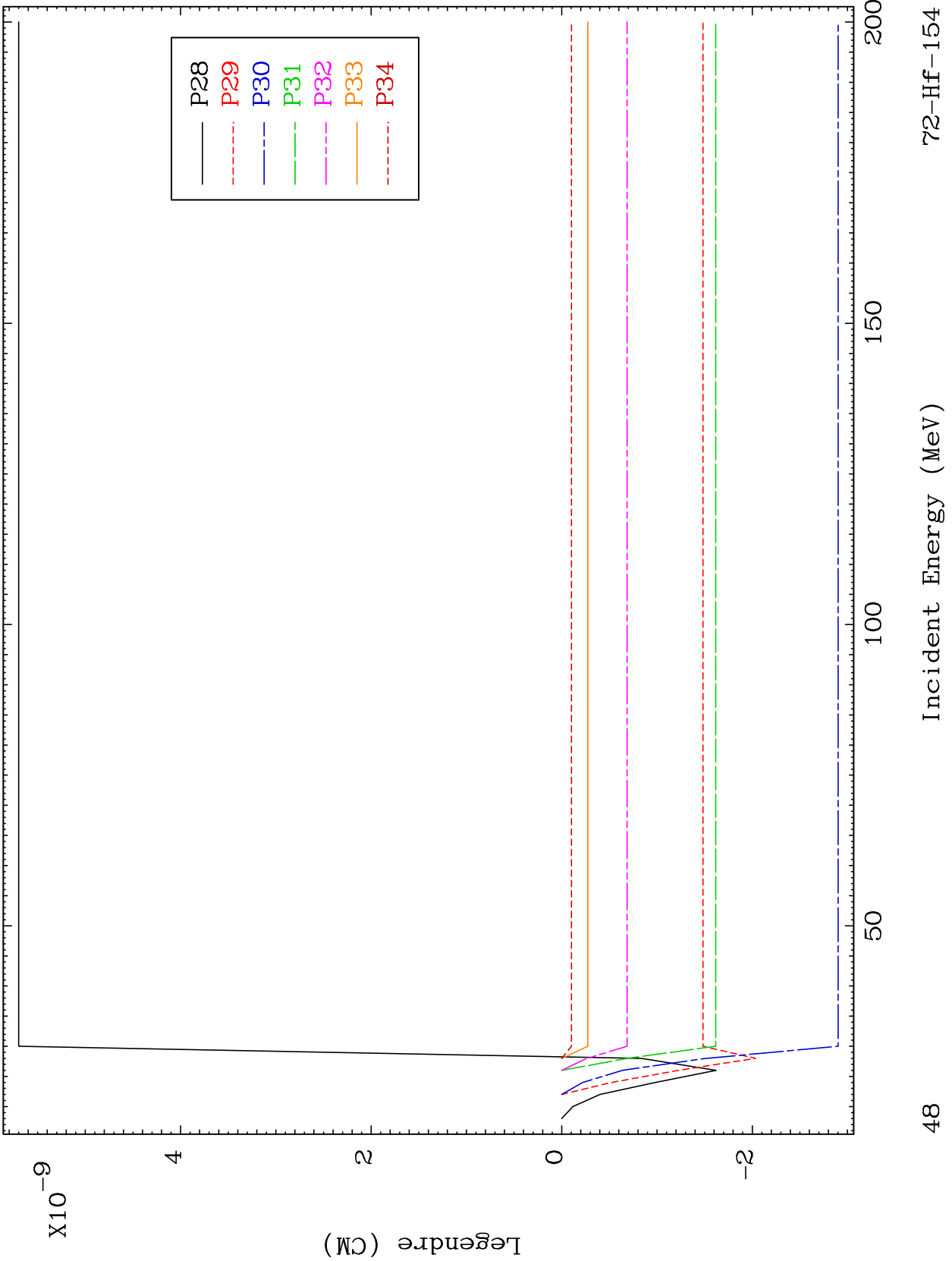
Incident Energy (MeV)

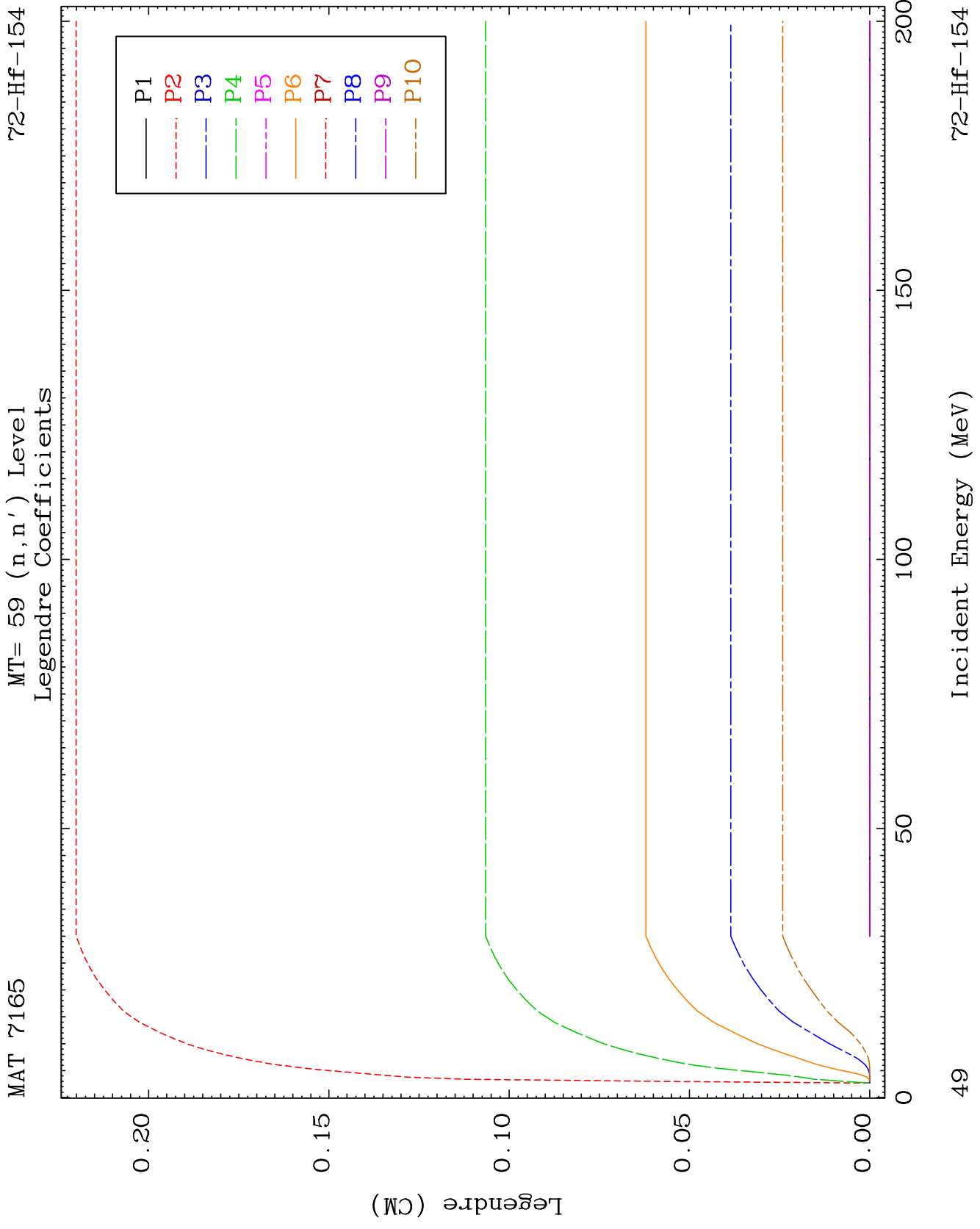
47

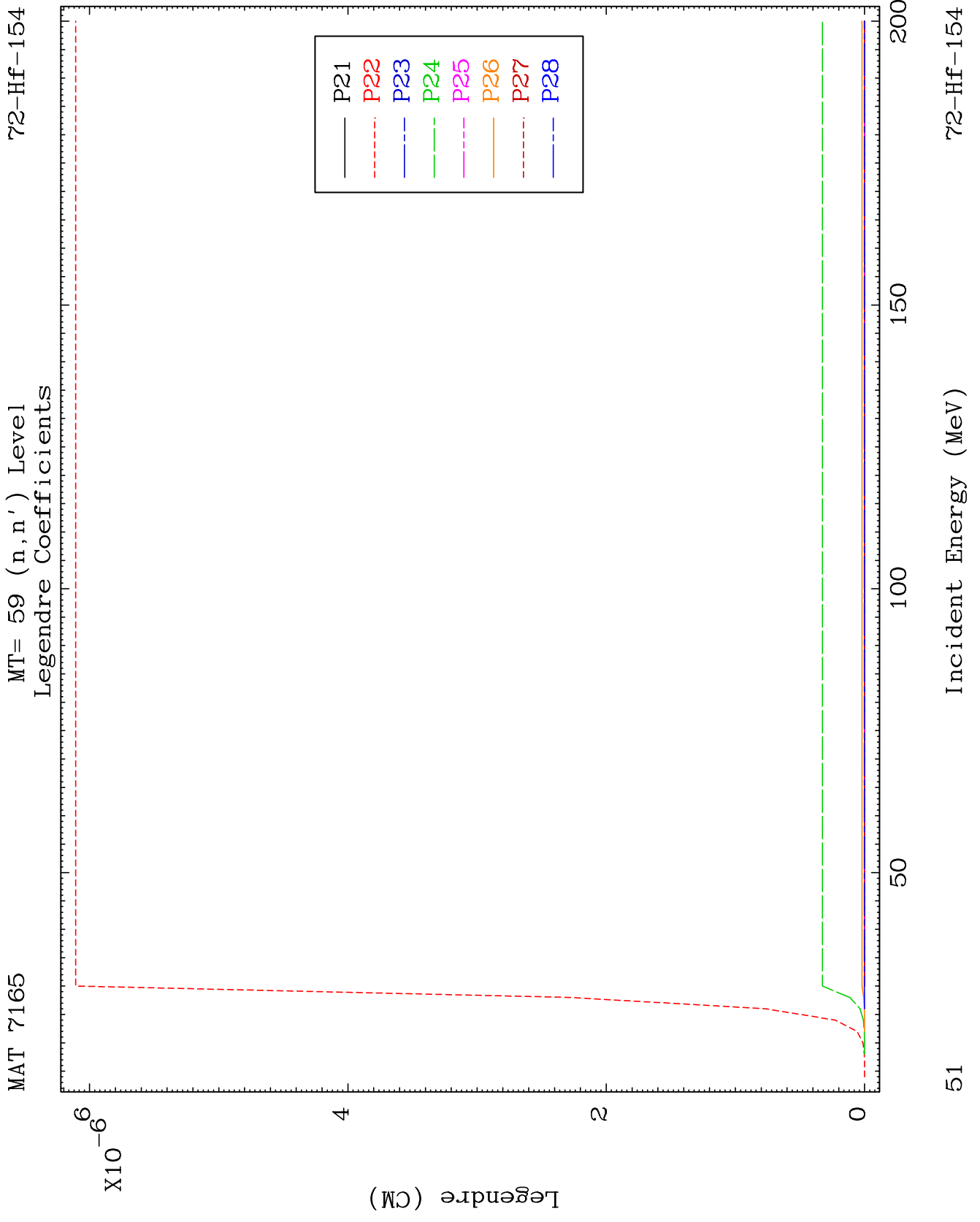
MAT 7165

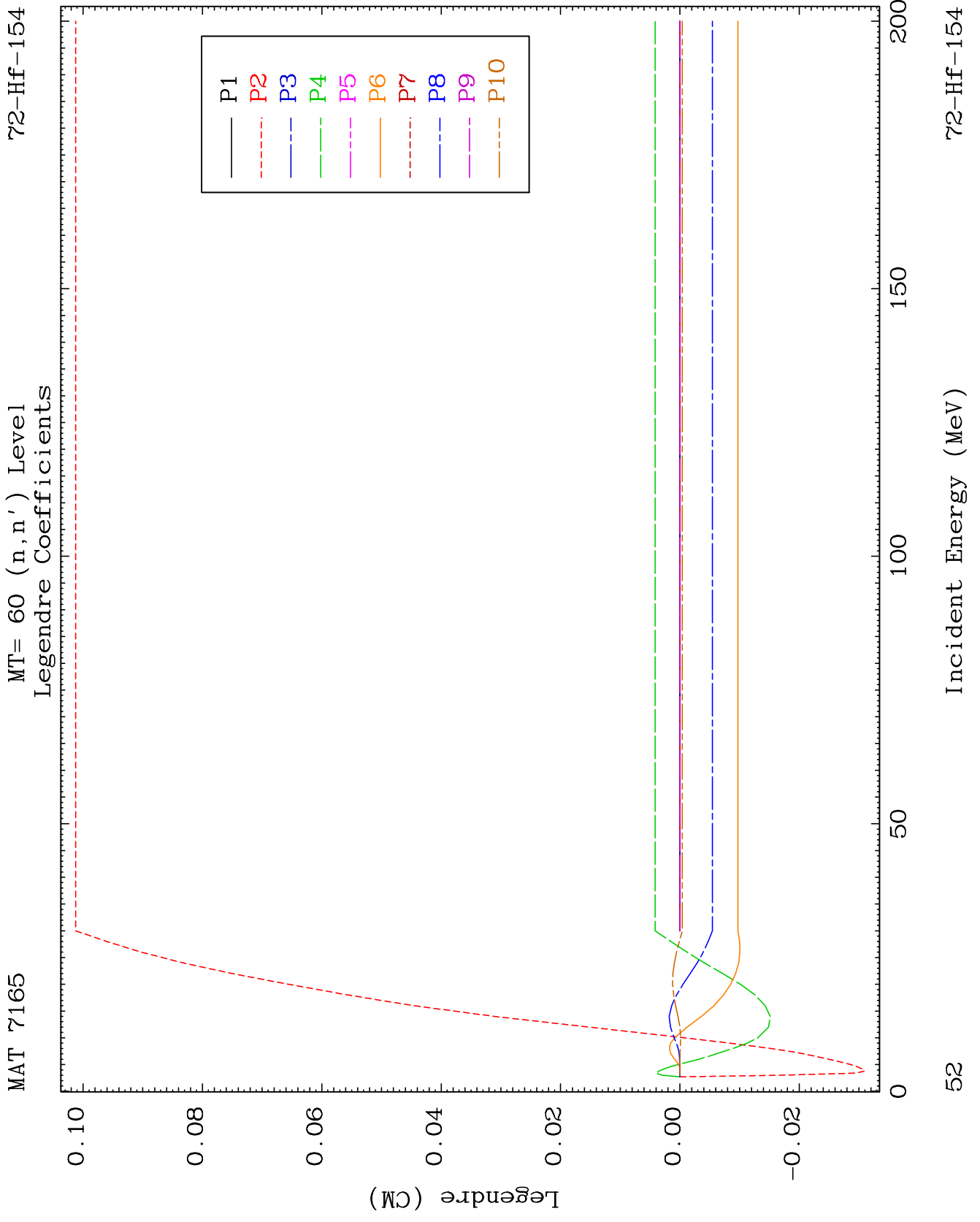
MT= 58 (n,n') Level
Legendre Coefficients

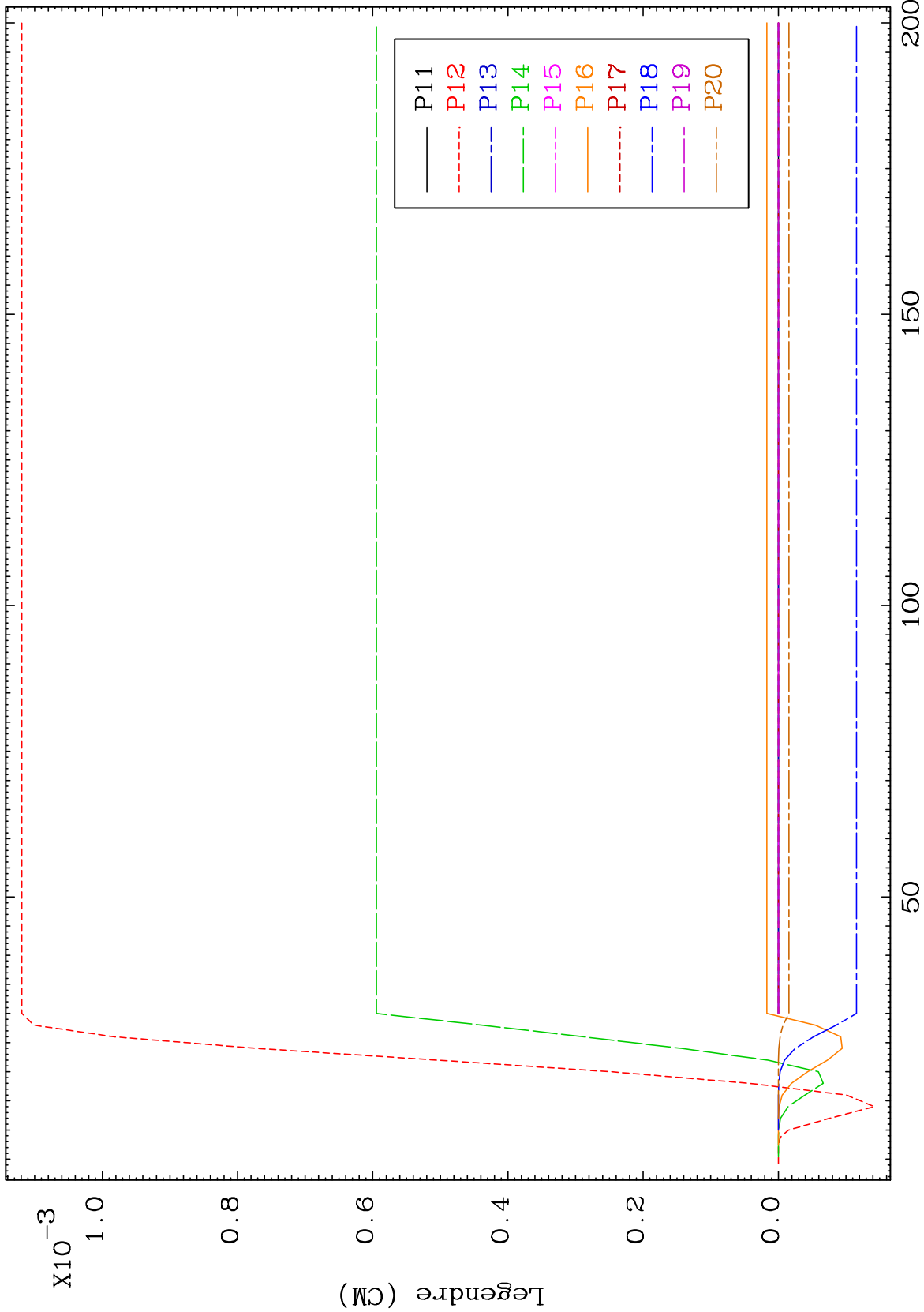
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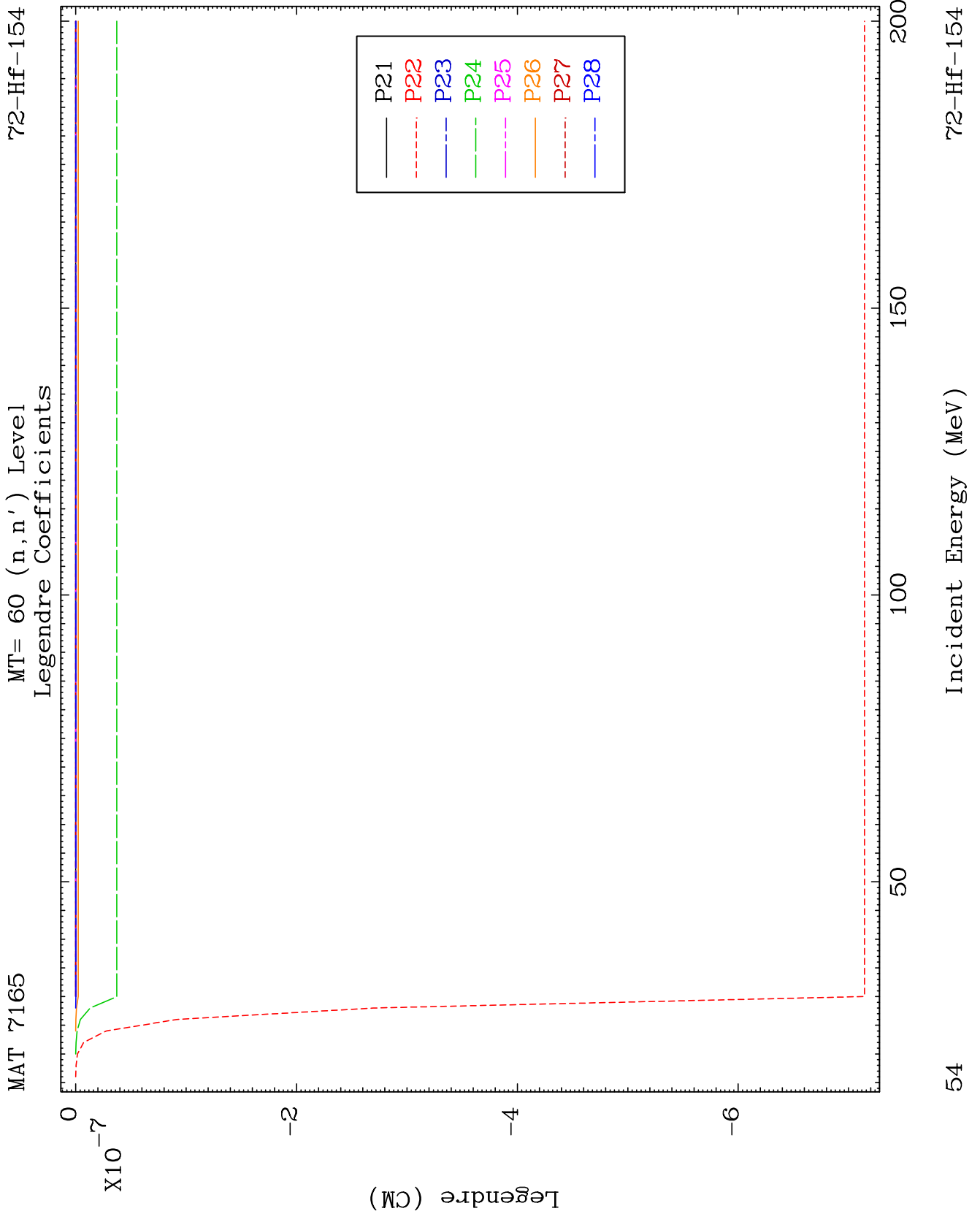








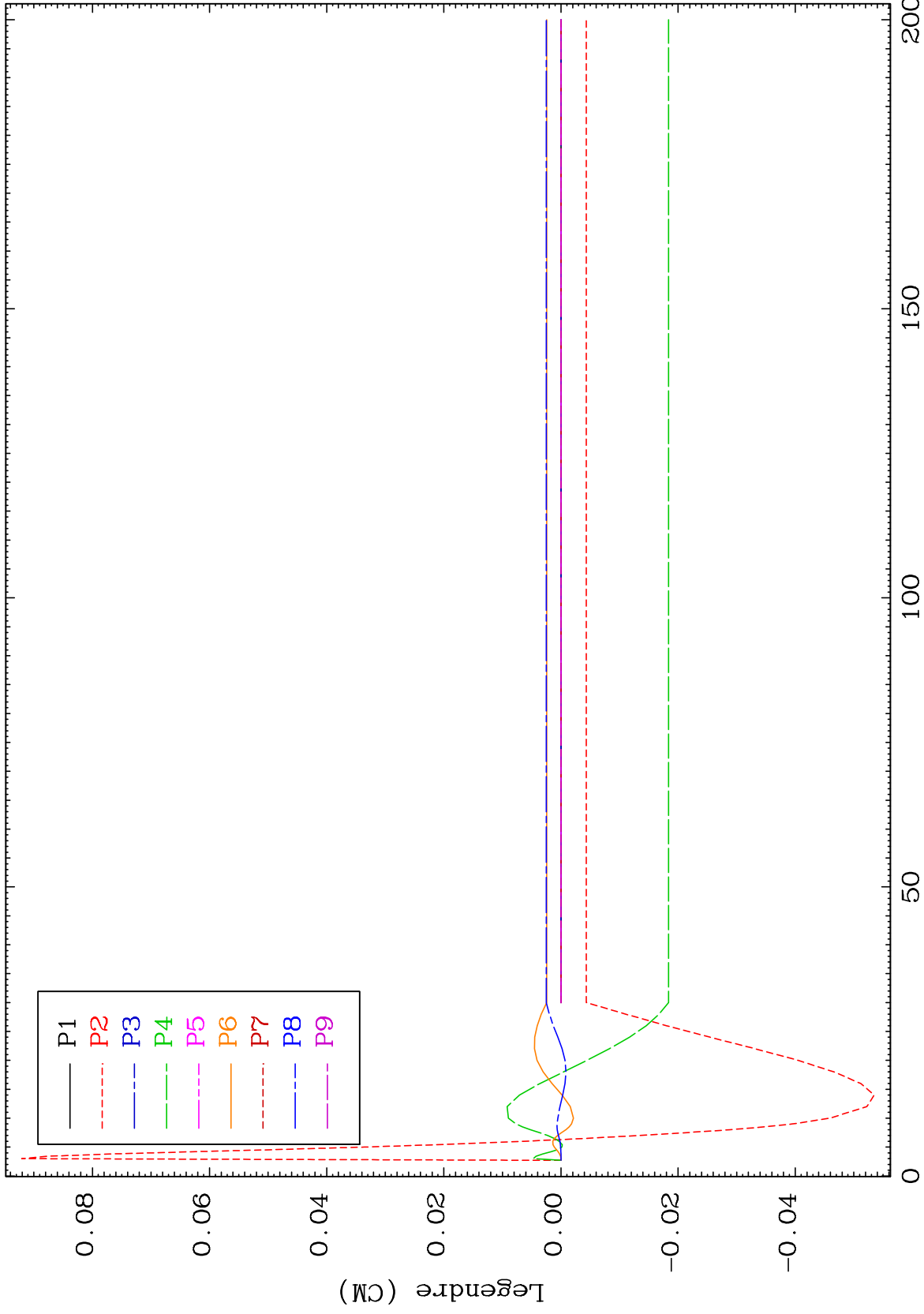




MAT 7165

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

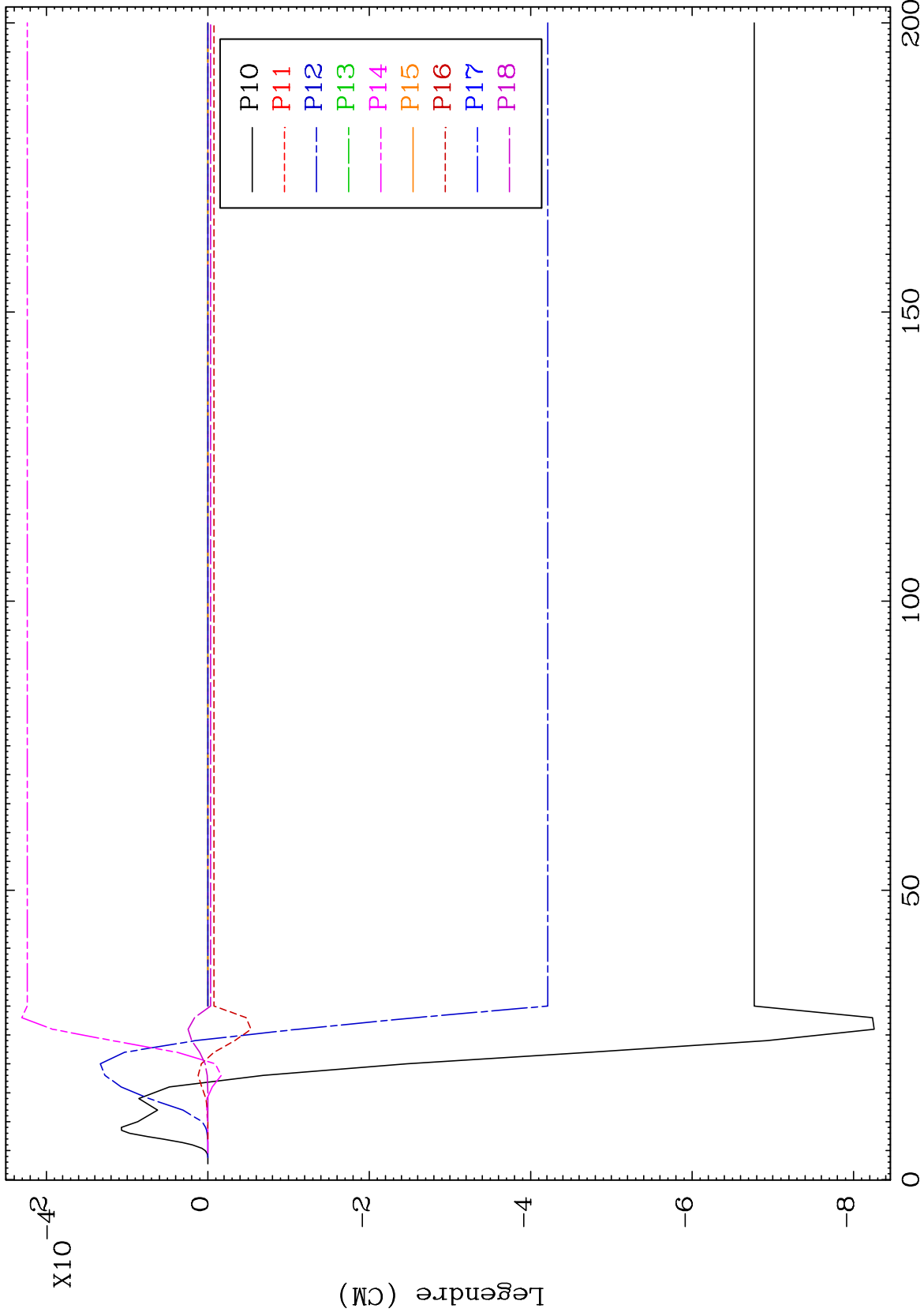
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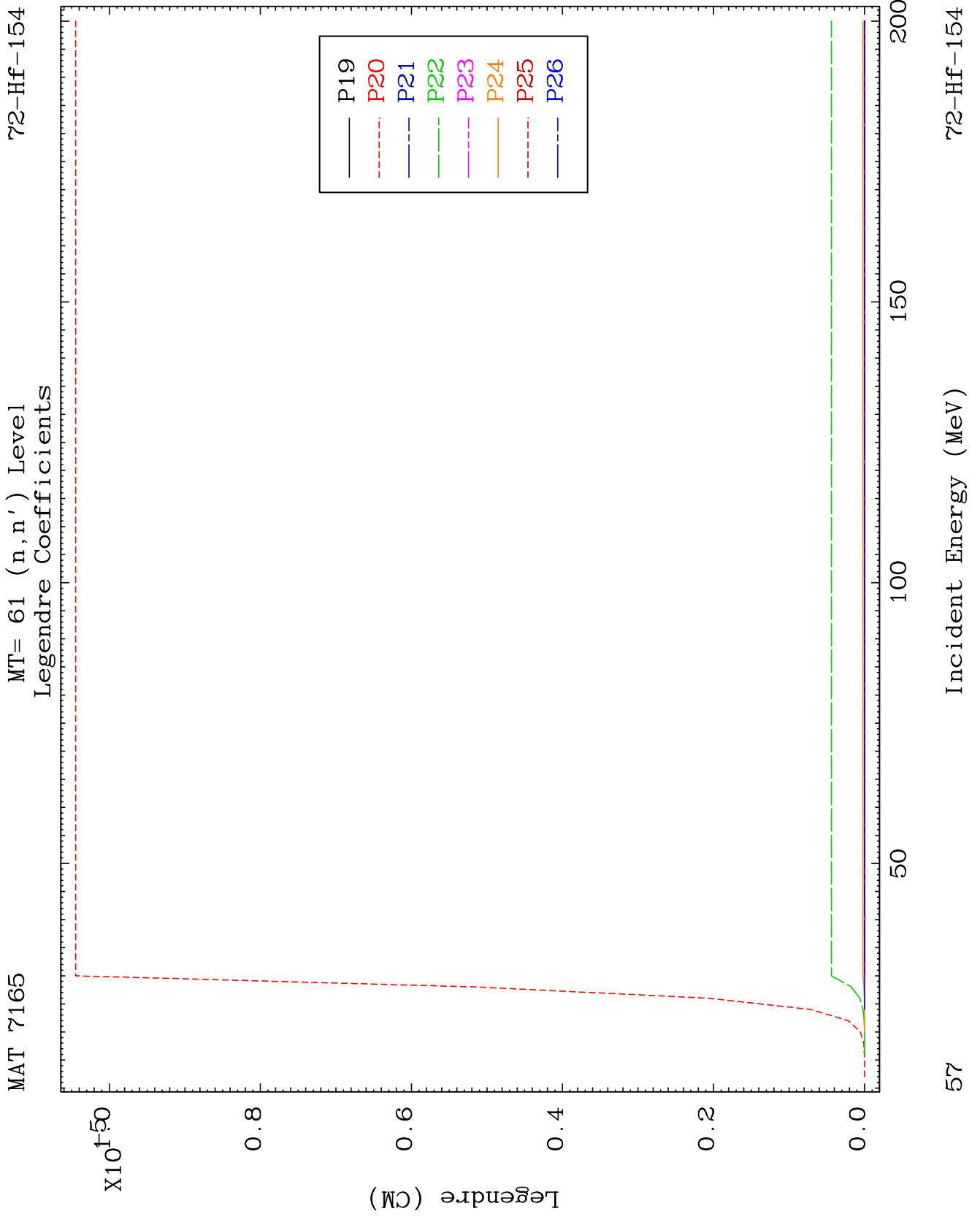


55

Incident Energy (MeV)

72-Hf-154

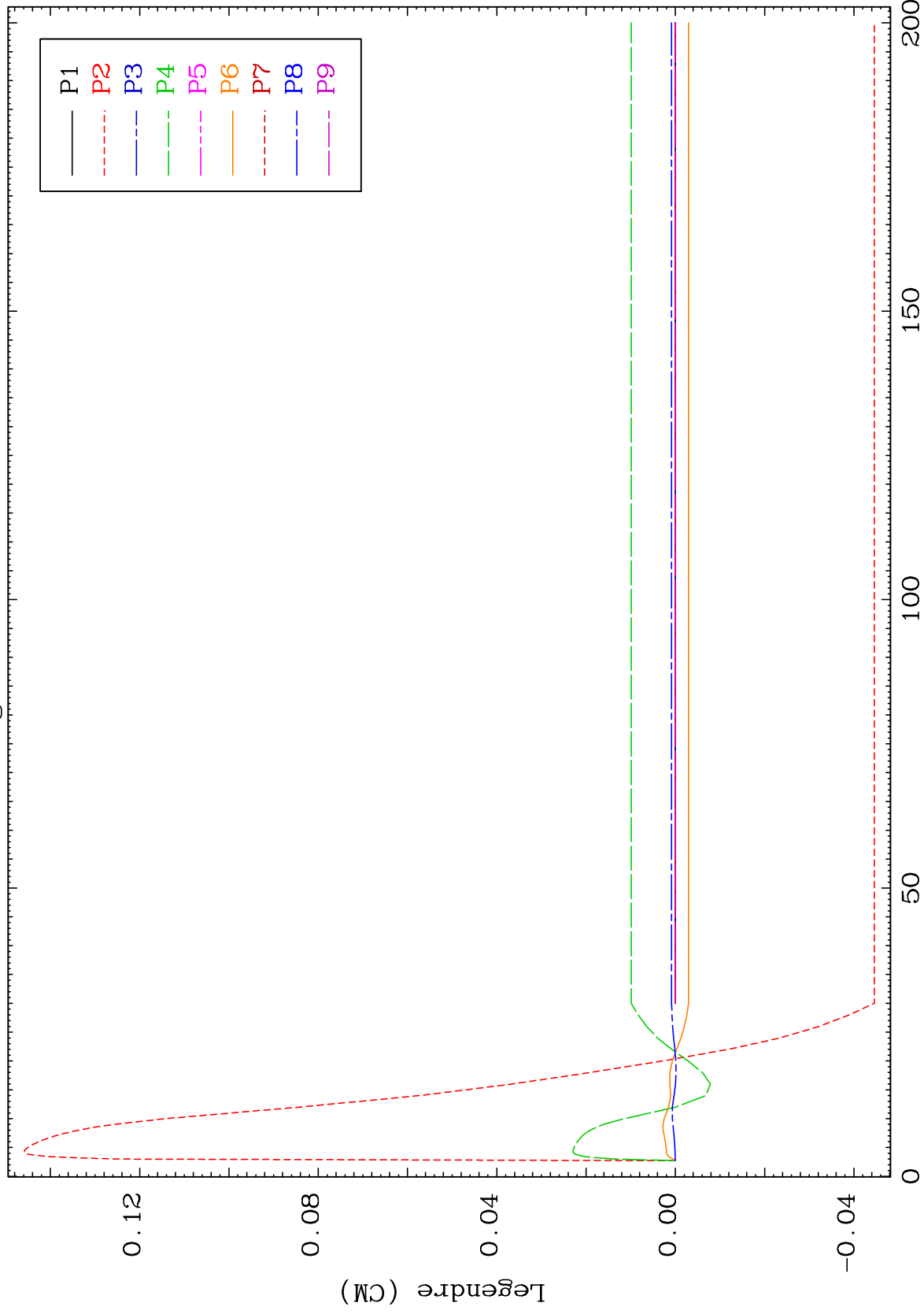




MAT 7165

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

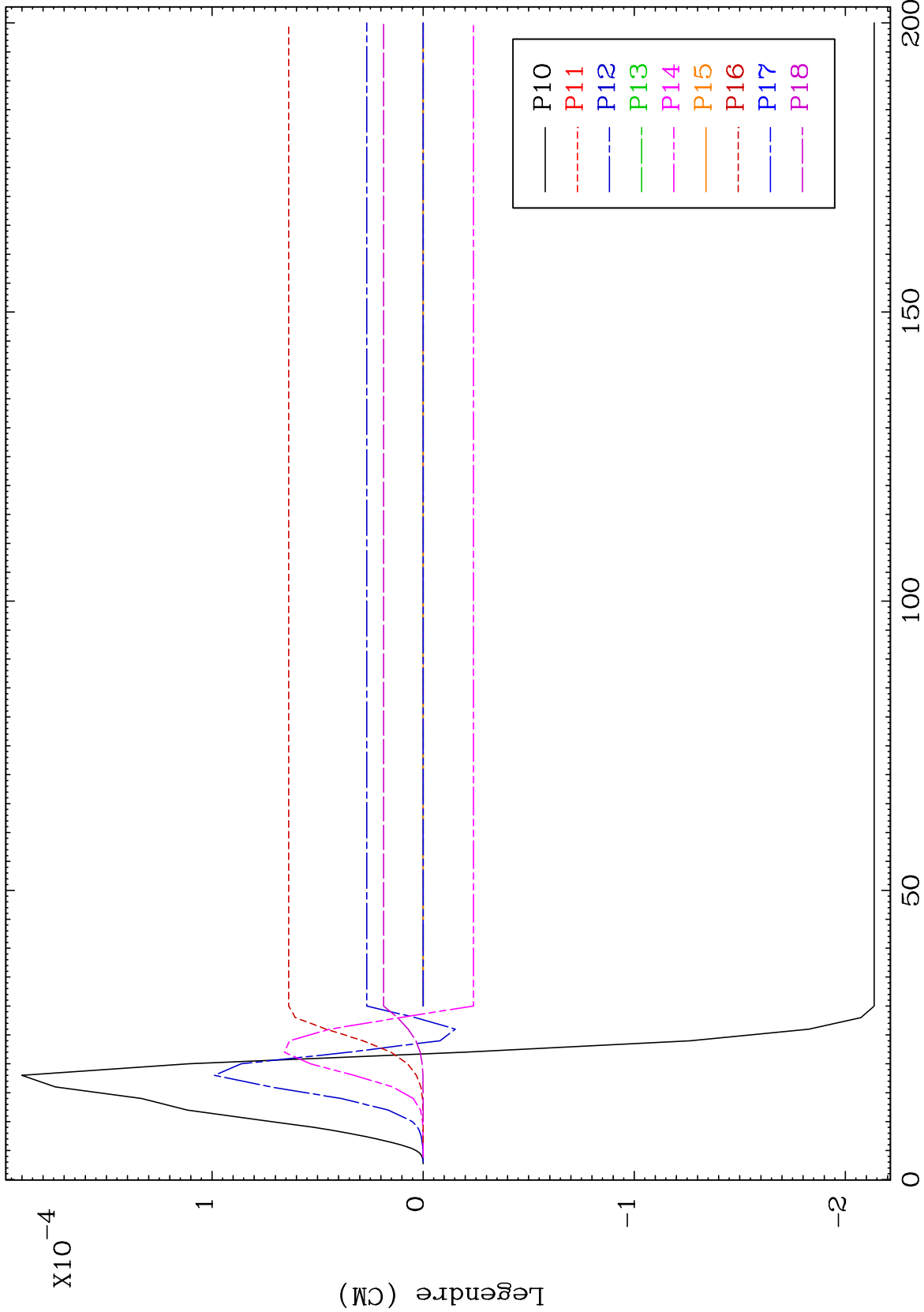
72-Hf-154



58

Incident Energy (MeV)

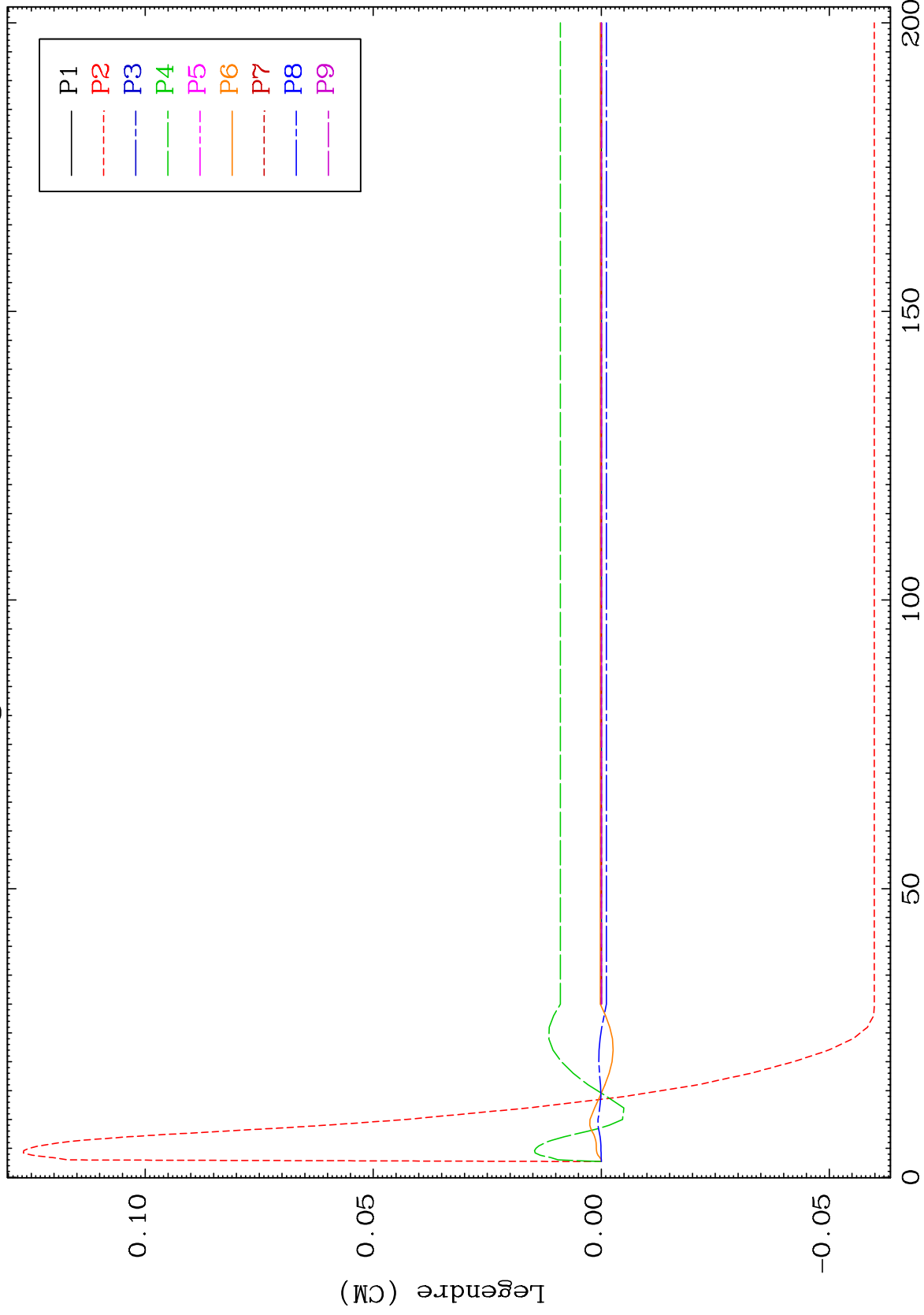
72-Hf-154



MAT 7165

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

72-Hf-154



61

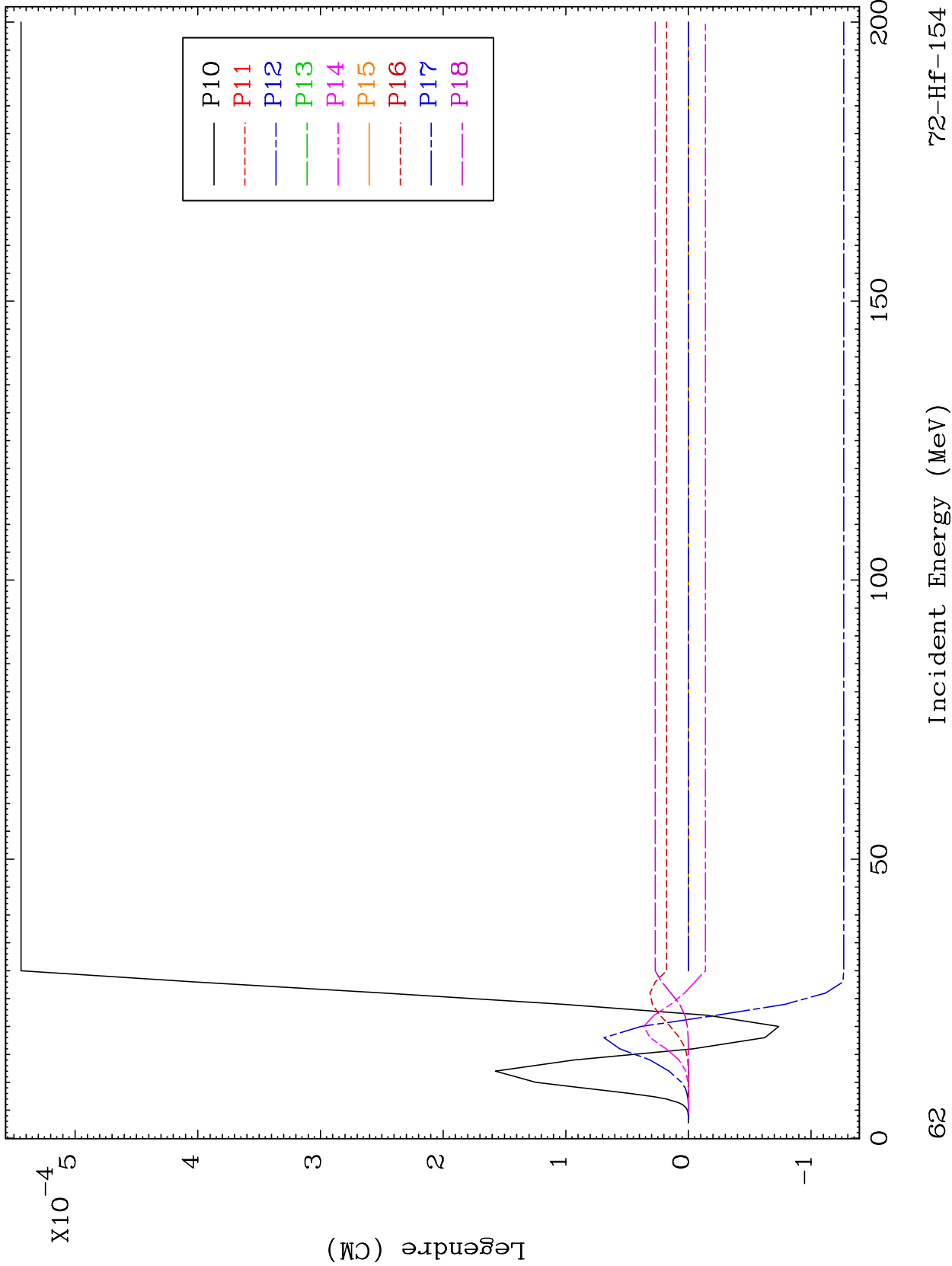
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



62

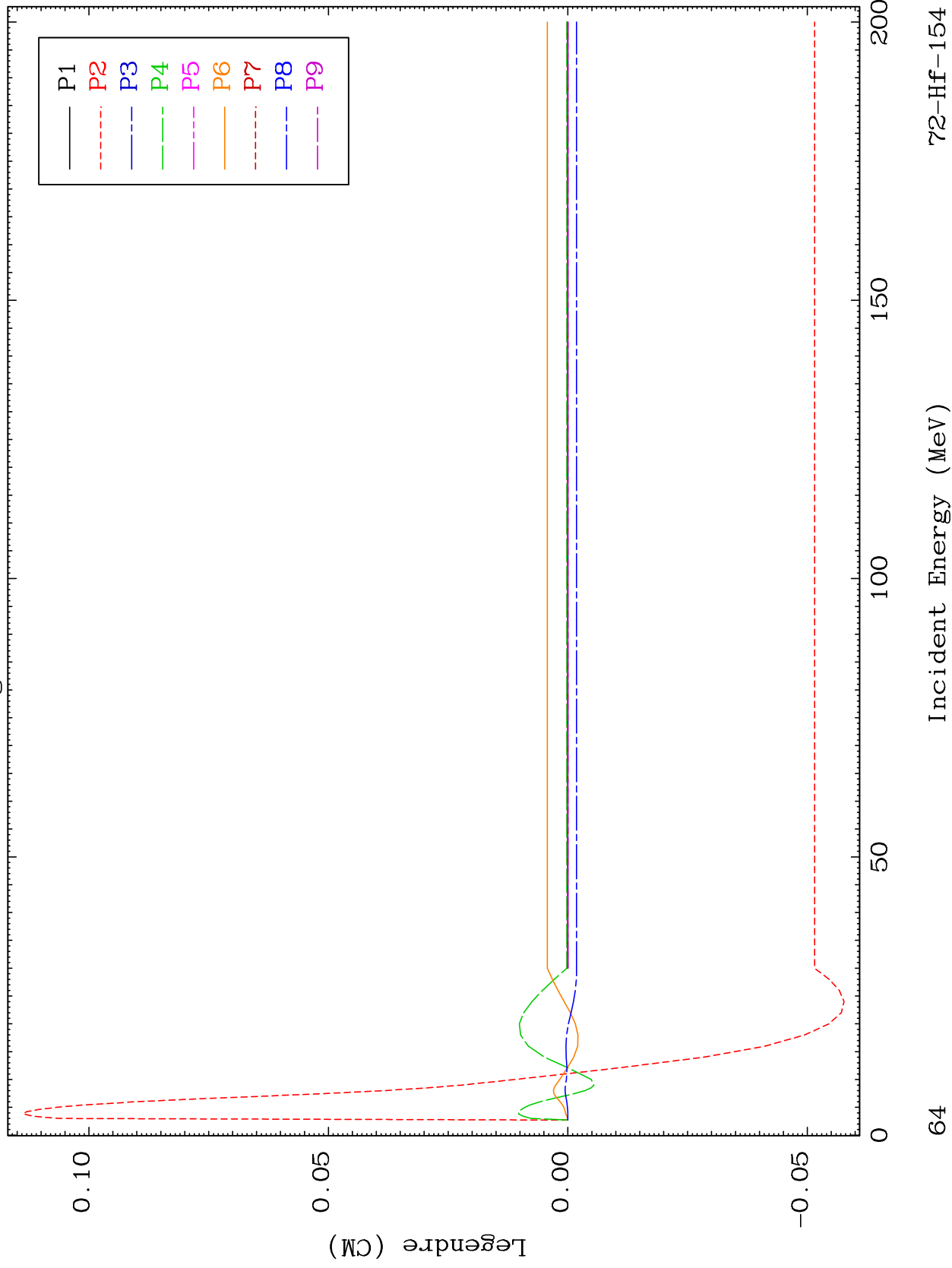
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

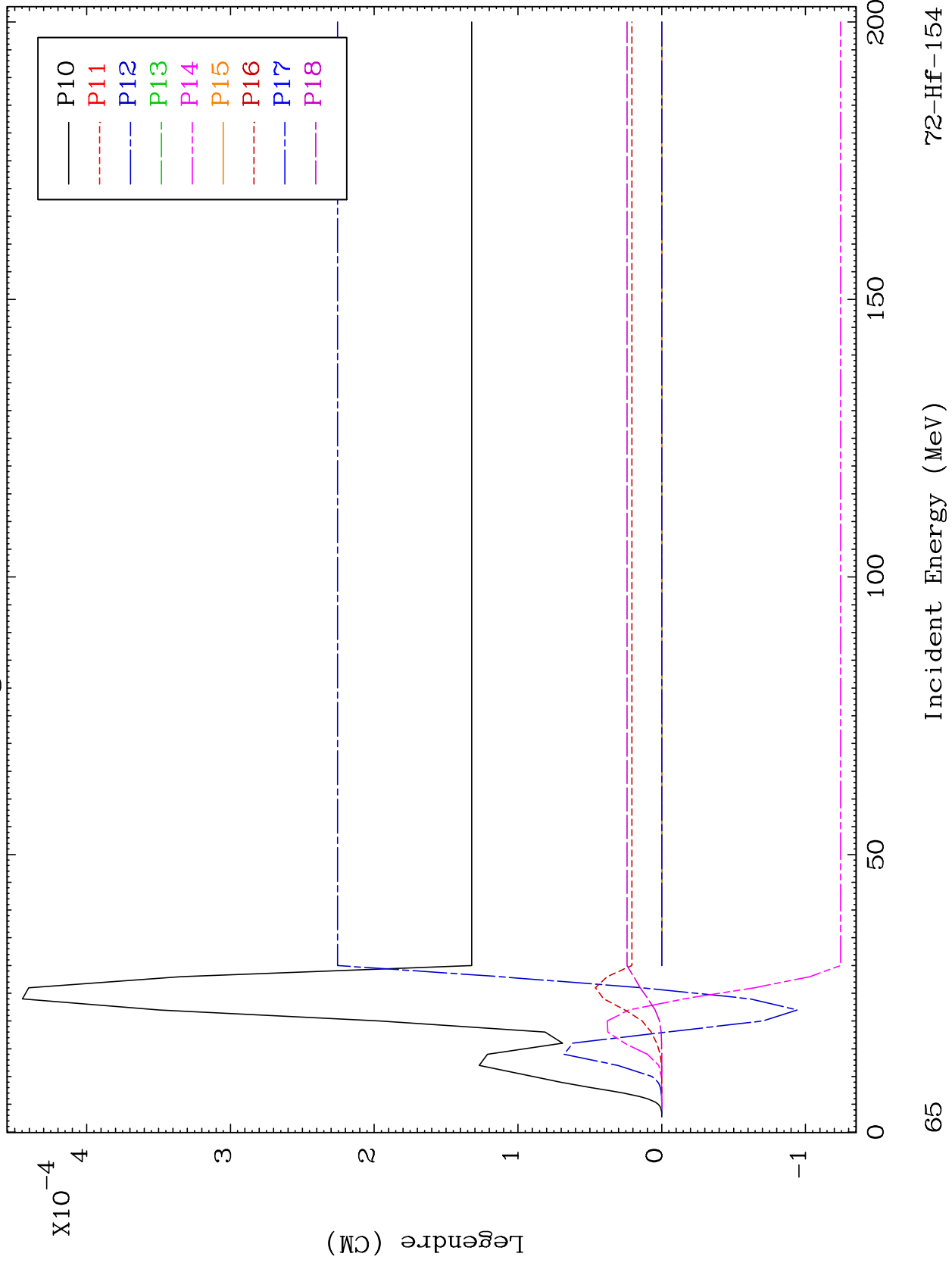
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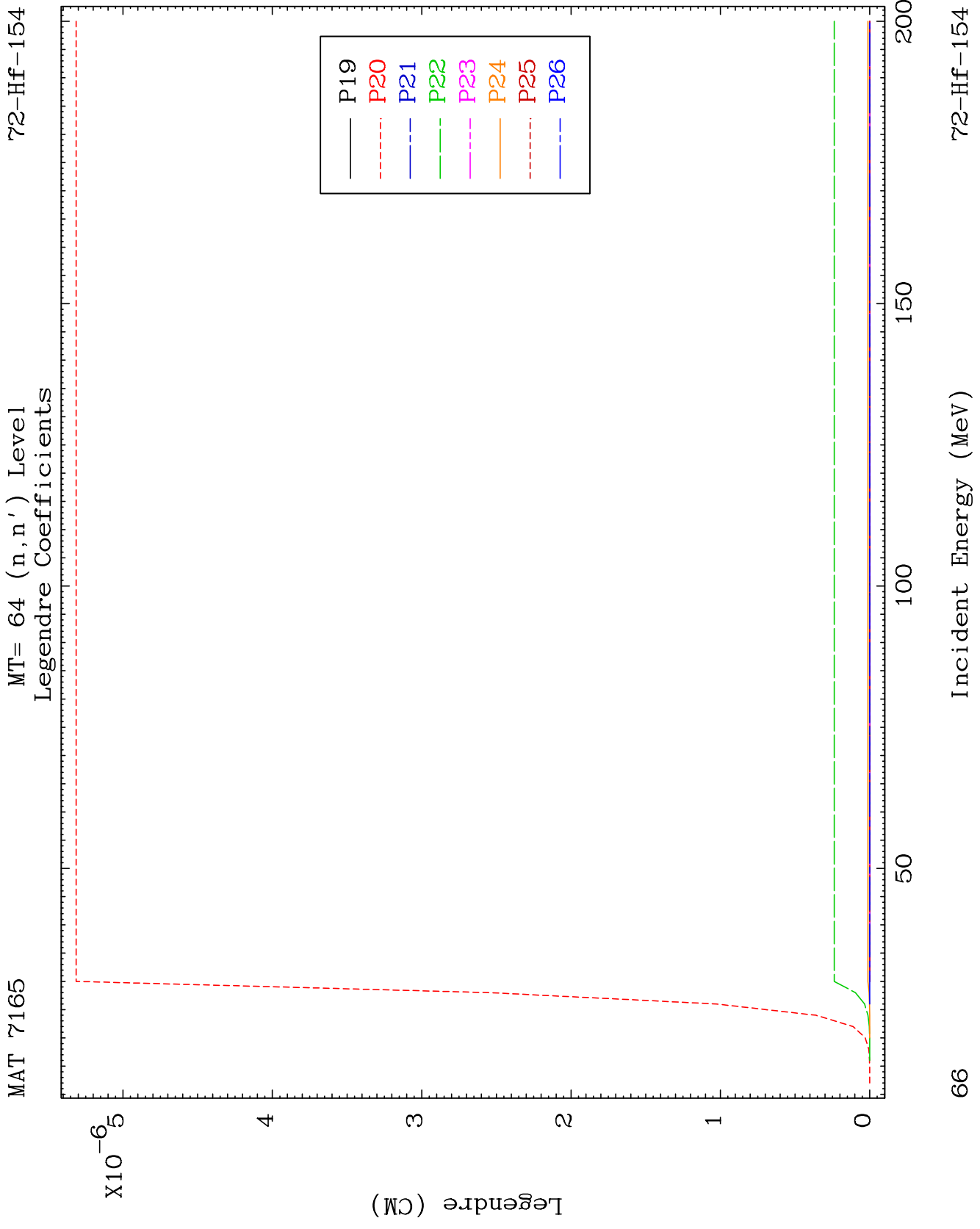


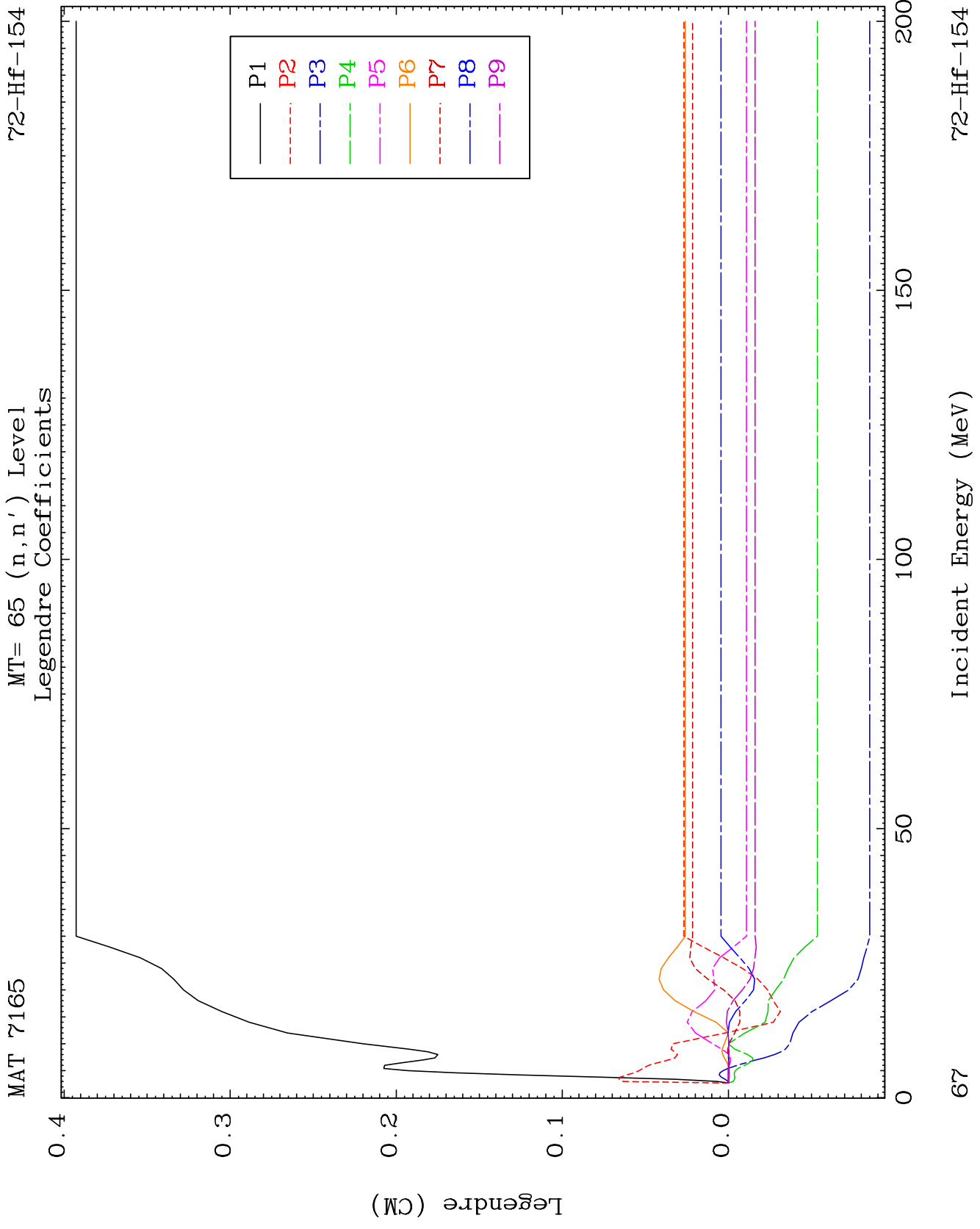
MAT 7165

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

72-Hf-154



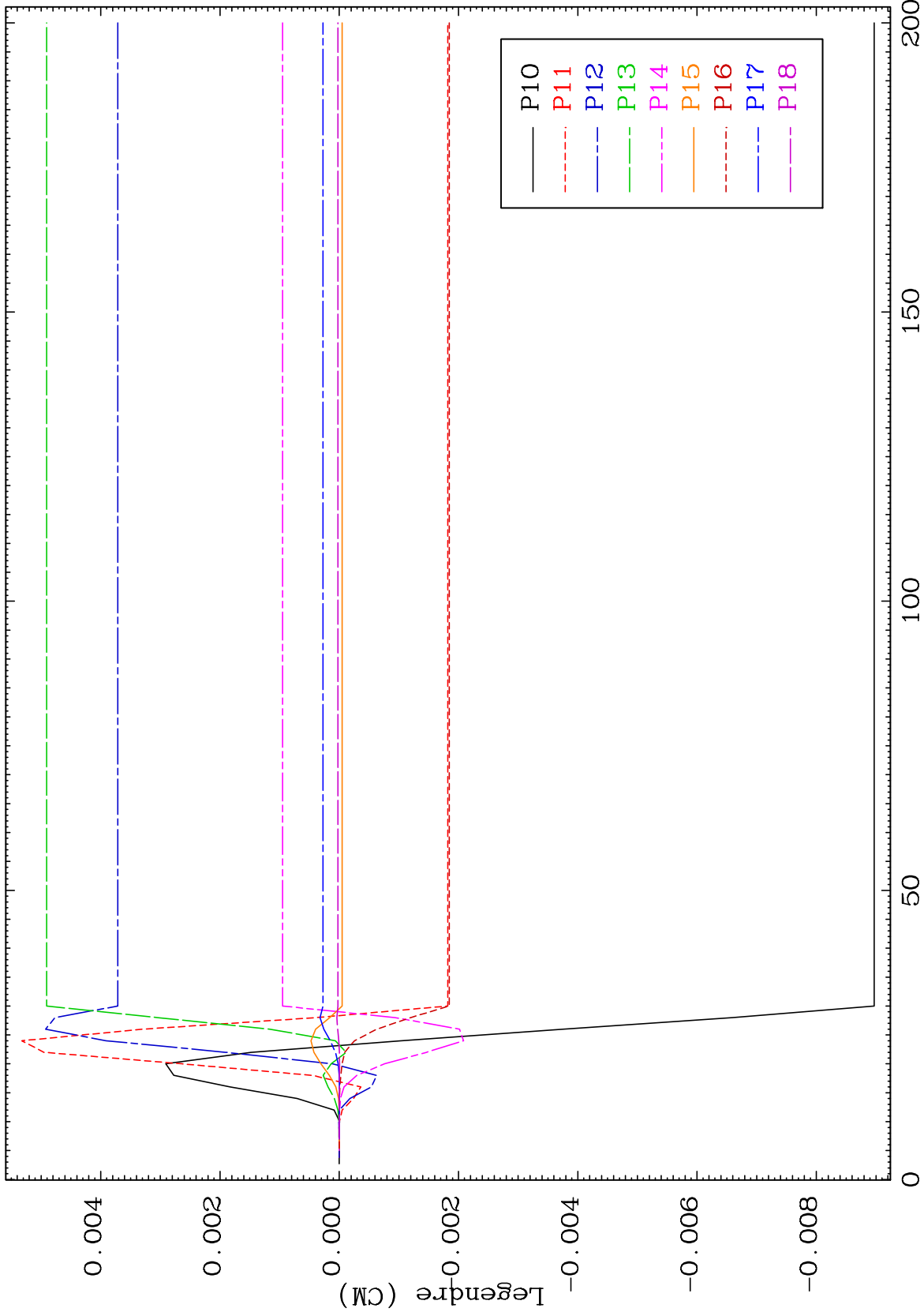




MAT 7165

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

72-Hf-154



68

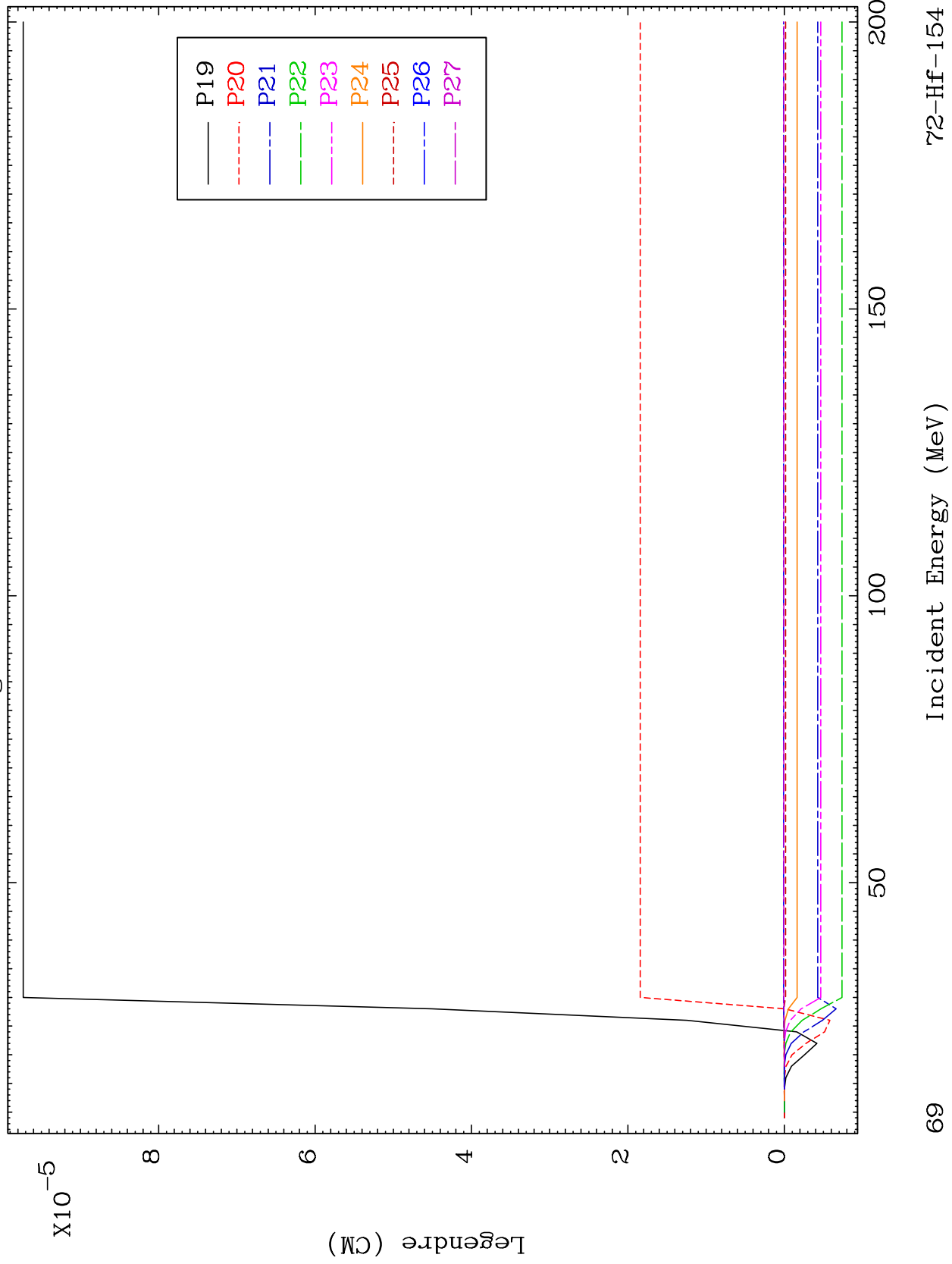
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

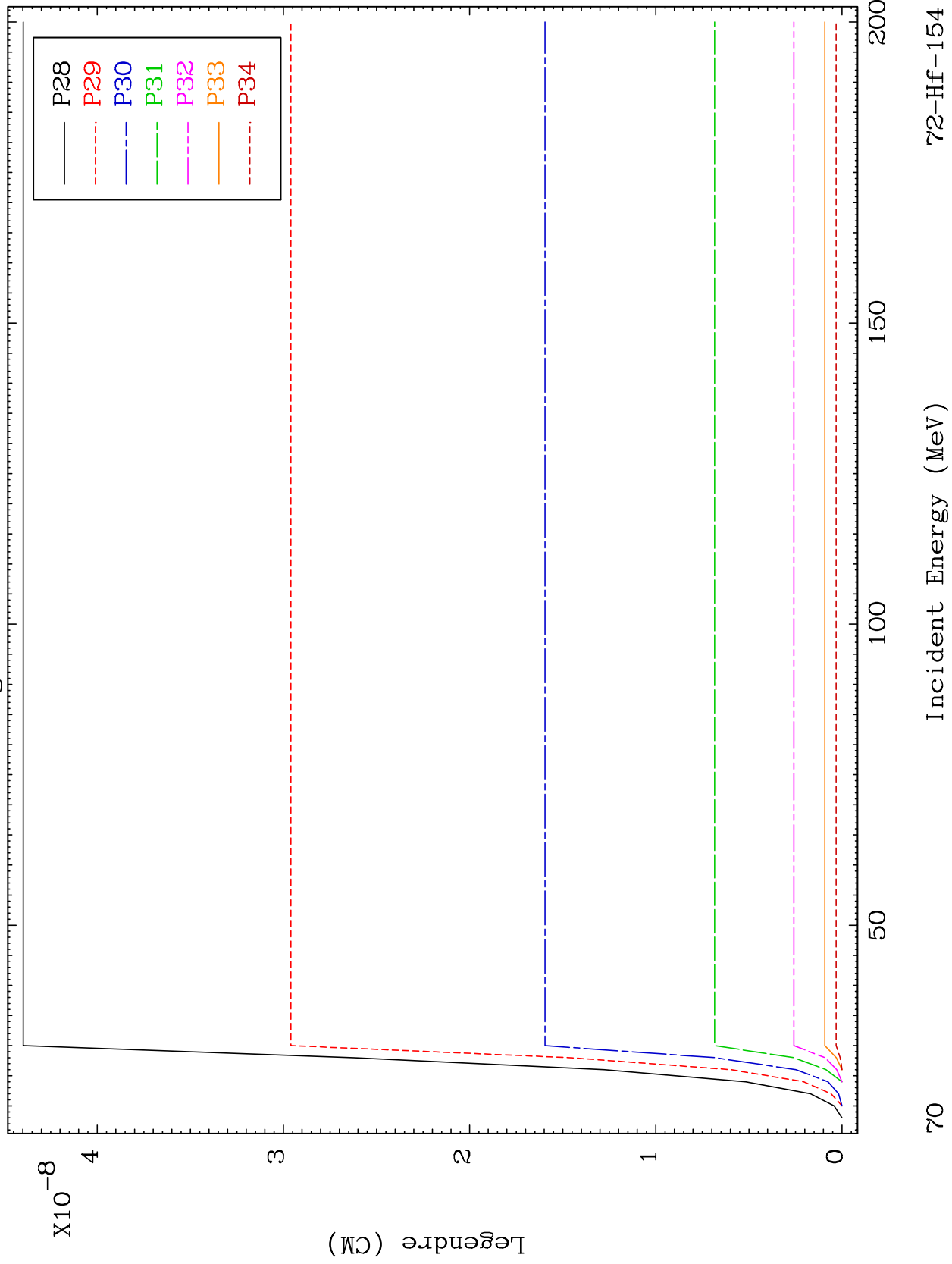
72-Hf-154



MAT 7165

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

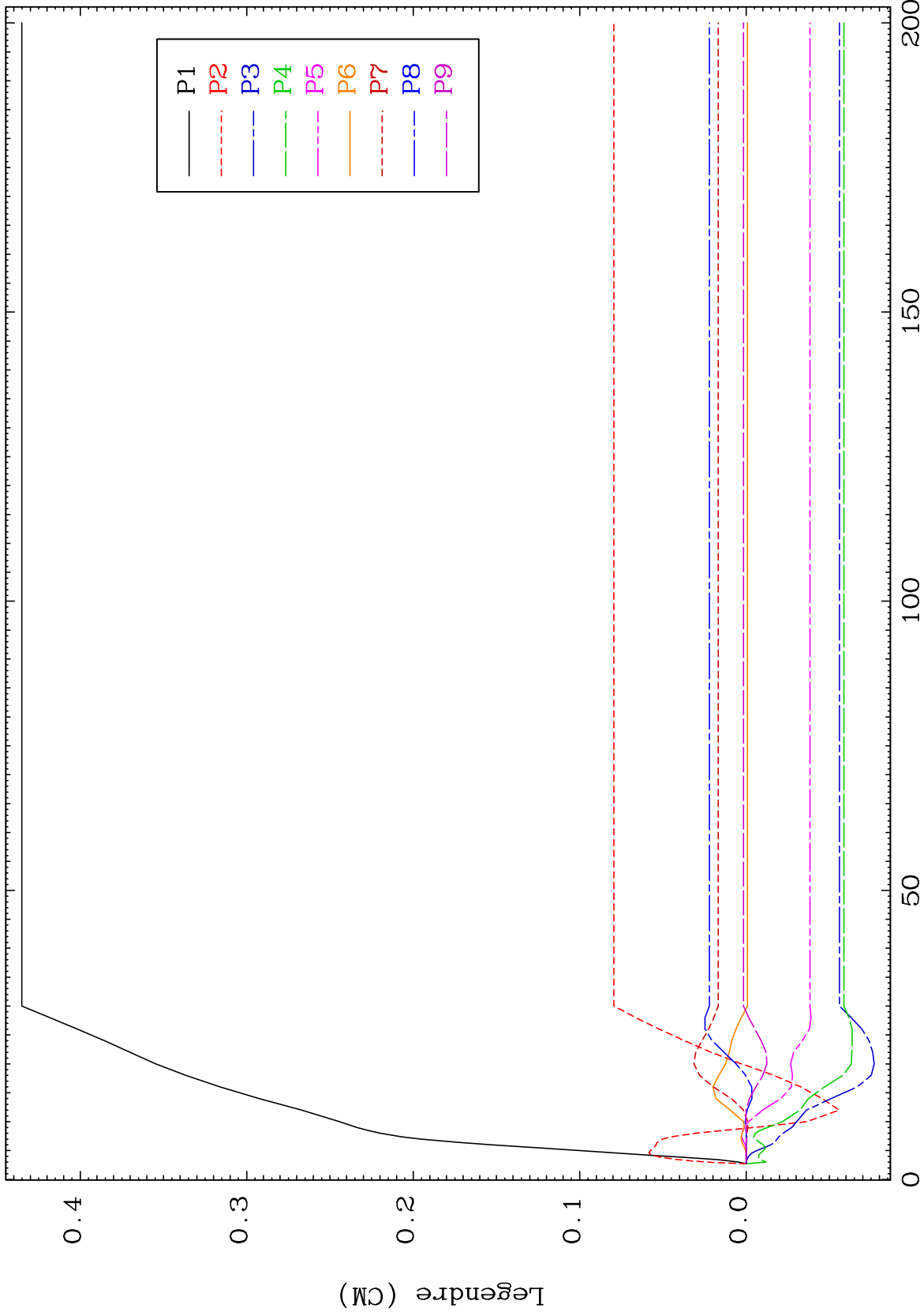
72-Hf-154



MAT 7165

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

72-Hf-154



71

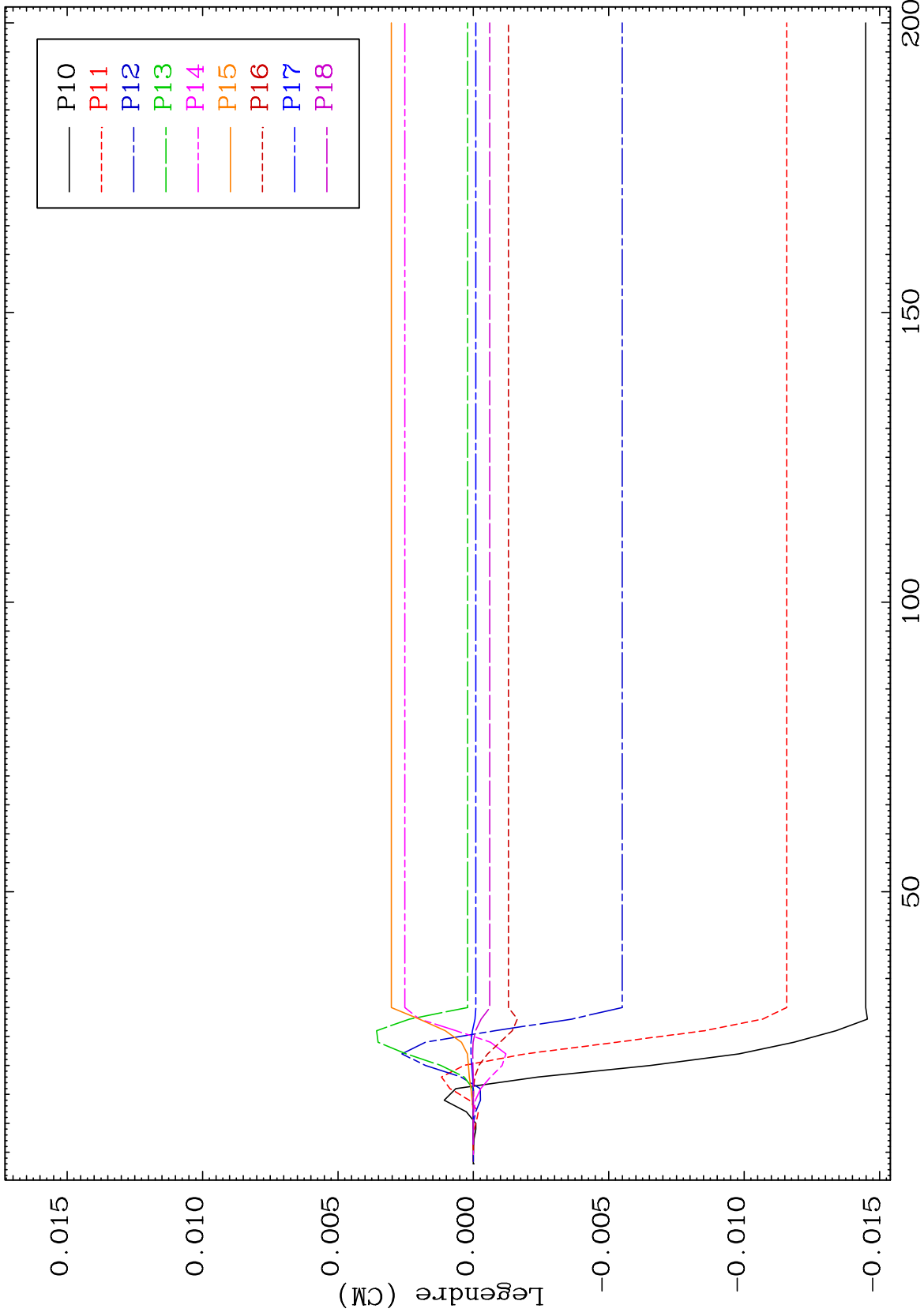
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

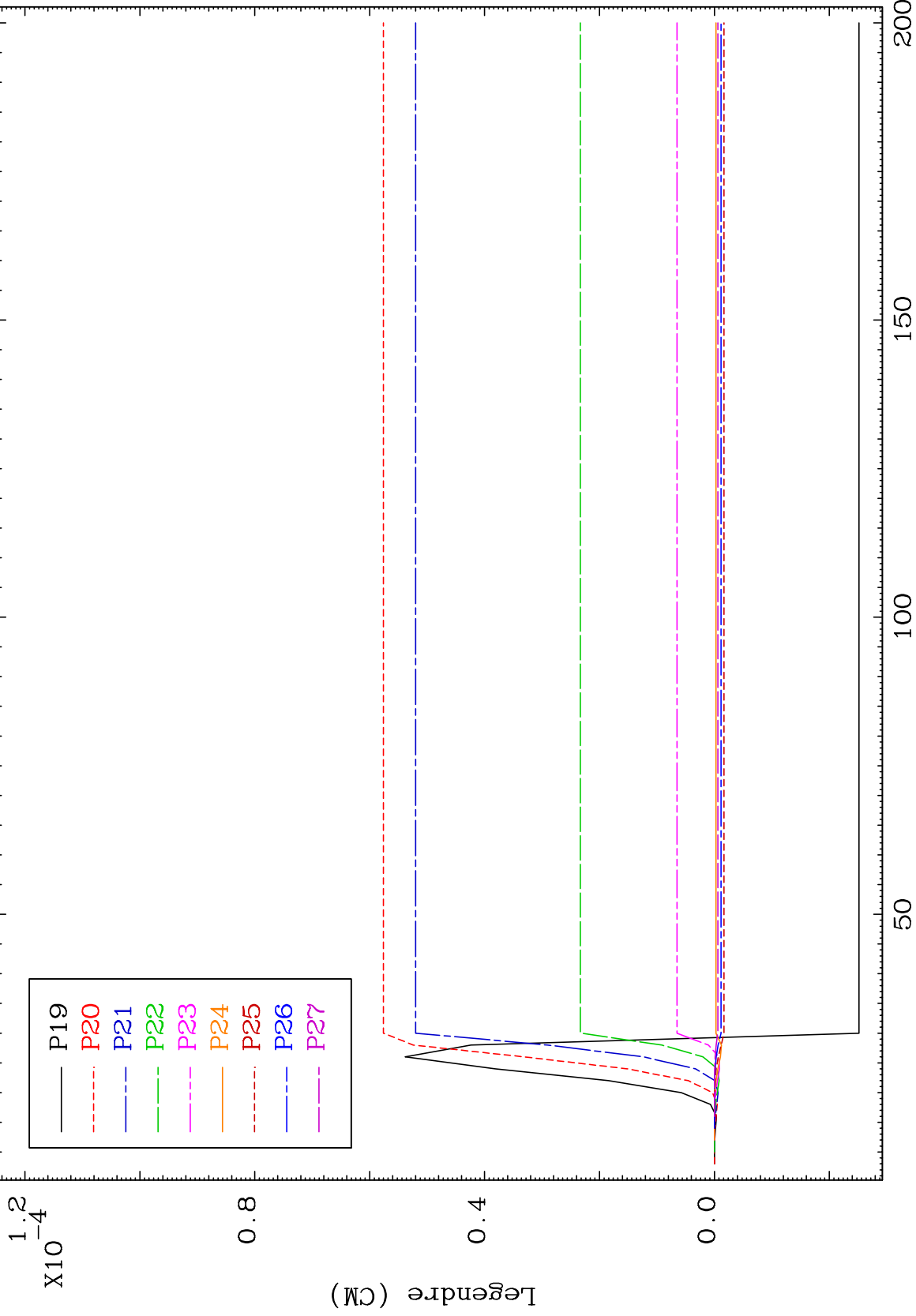
72-Hf-154

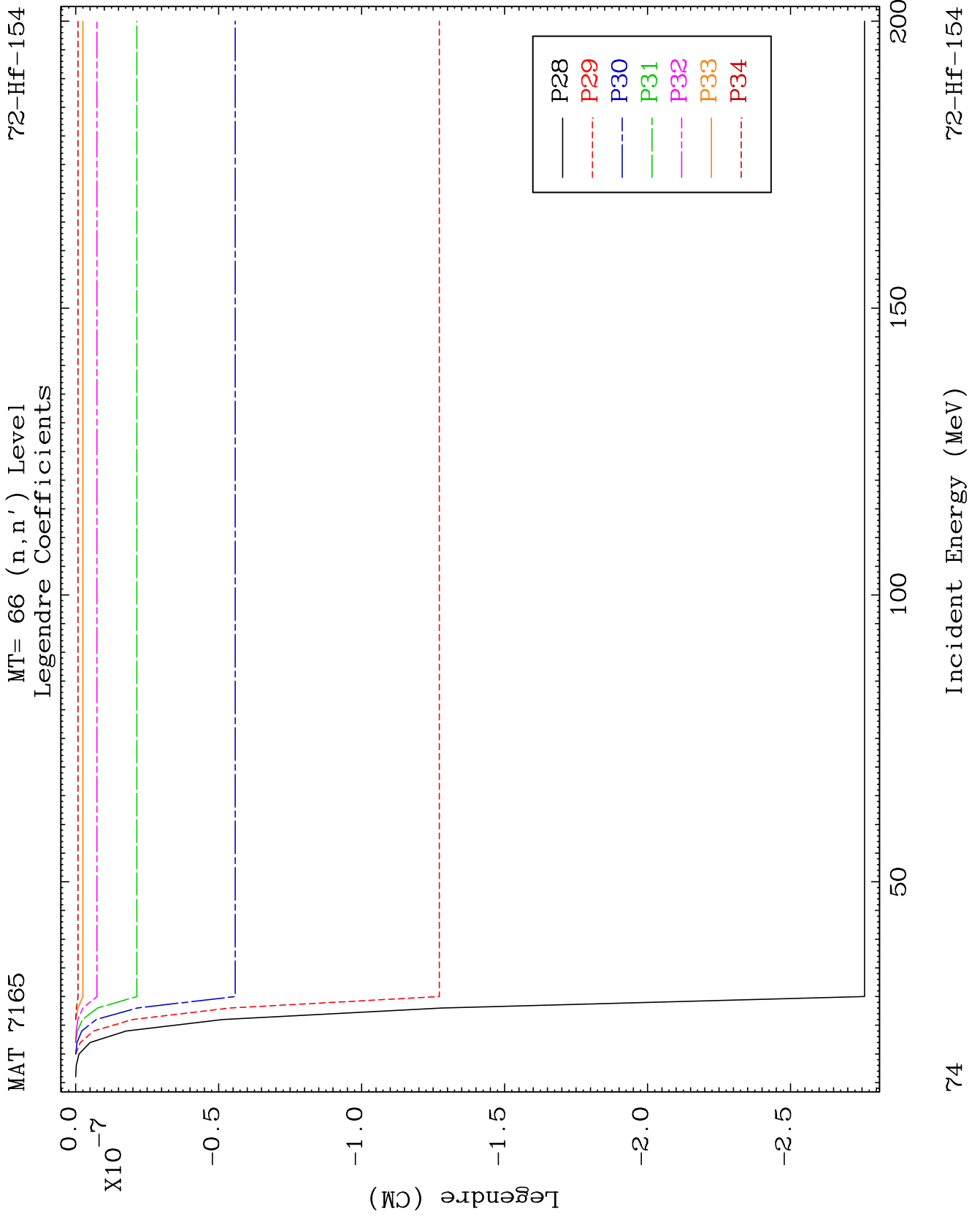


72

Incident Energy (MeV)

72-Hf-154

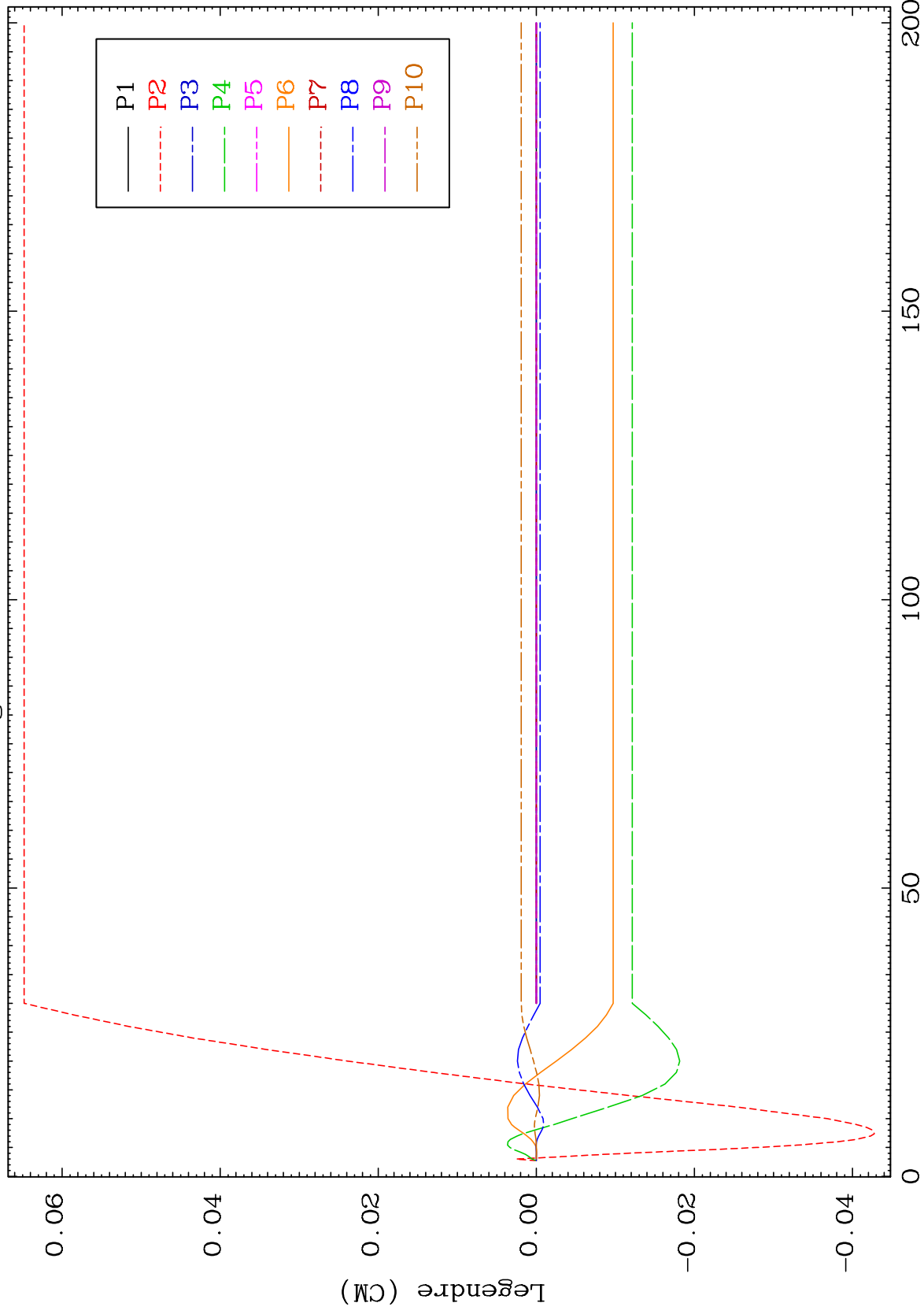




MAT 7165

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

72-Hf-154



75

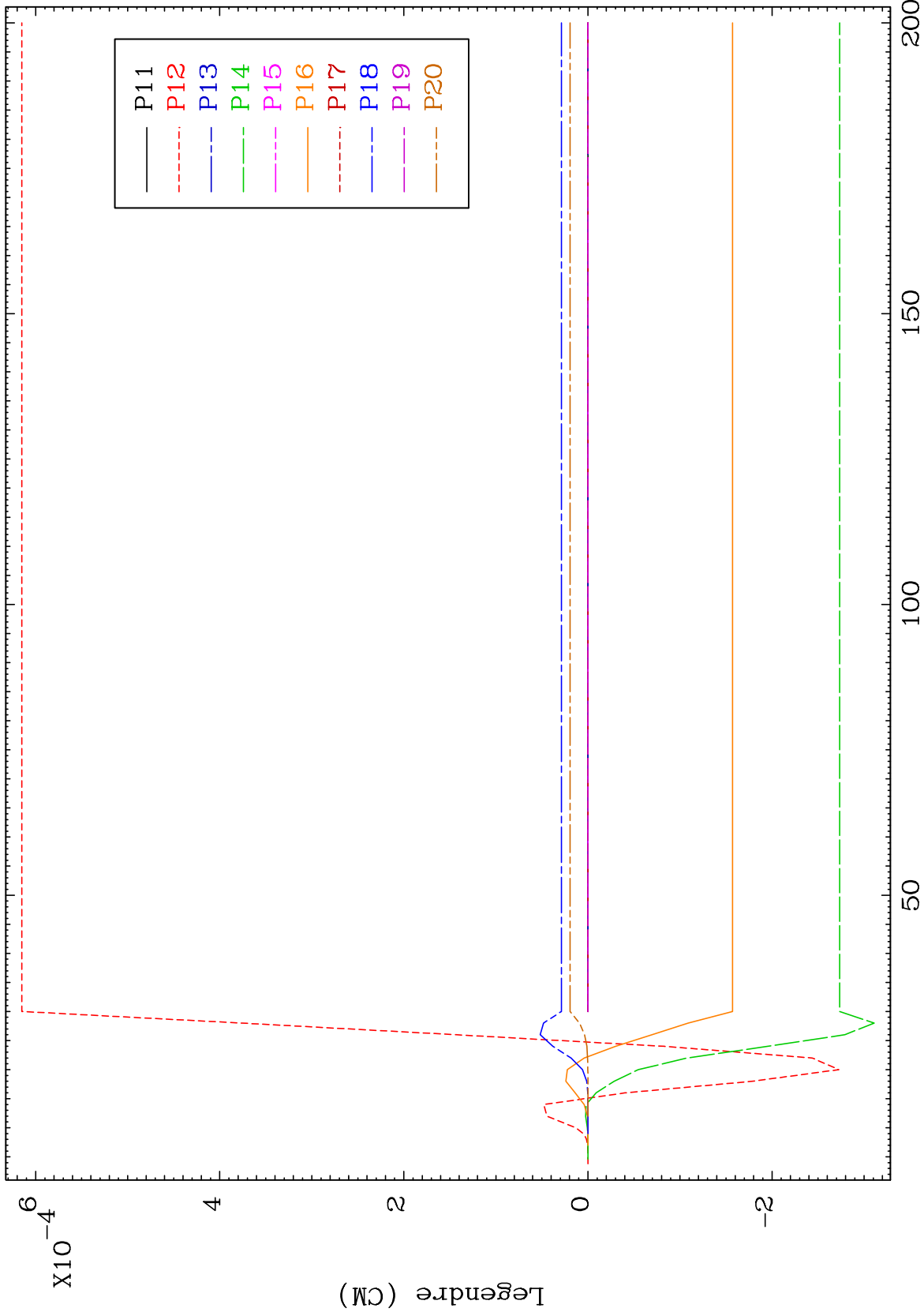
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



76

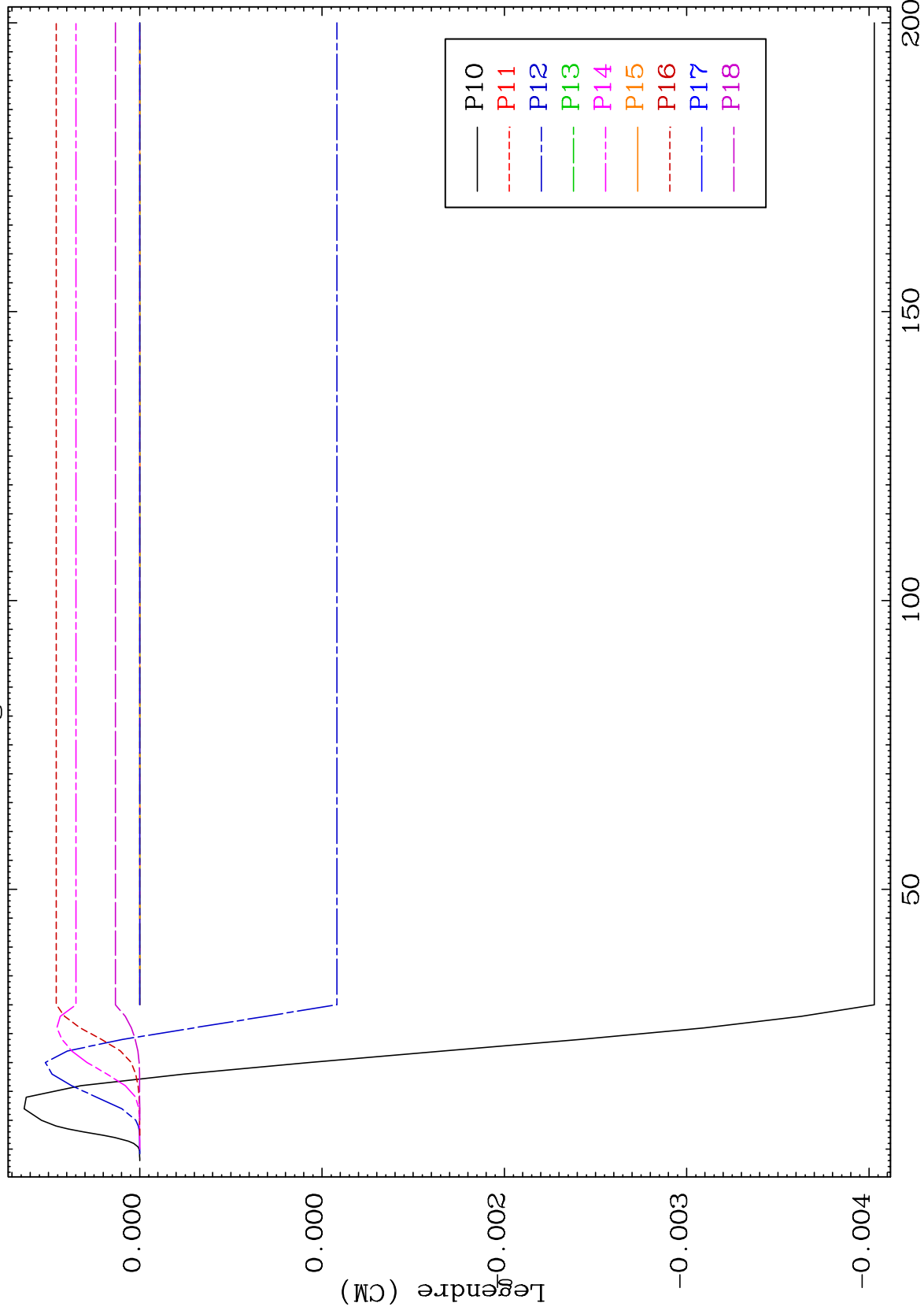
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

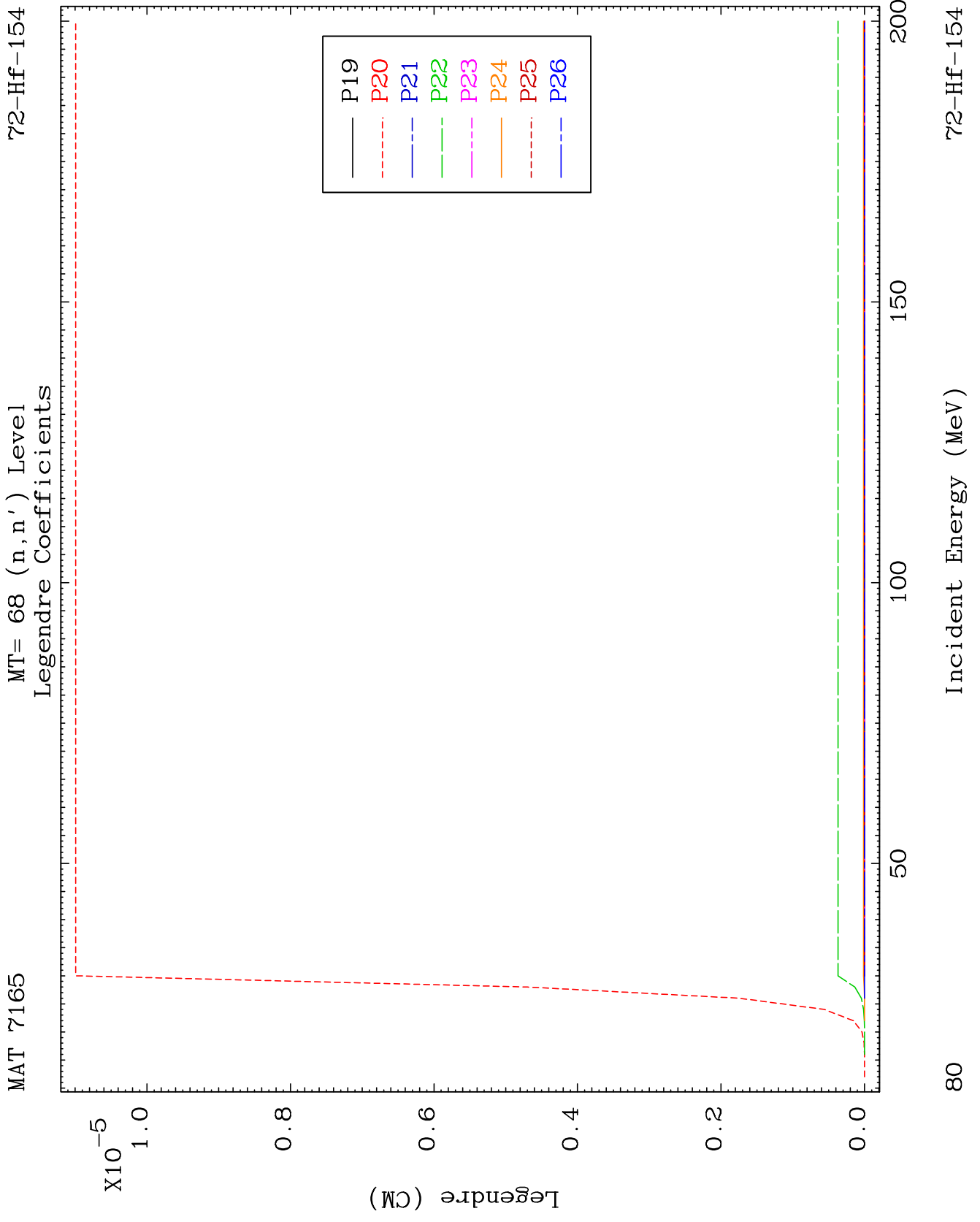
72-Hf-154



79

Incident Energy (MeV)

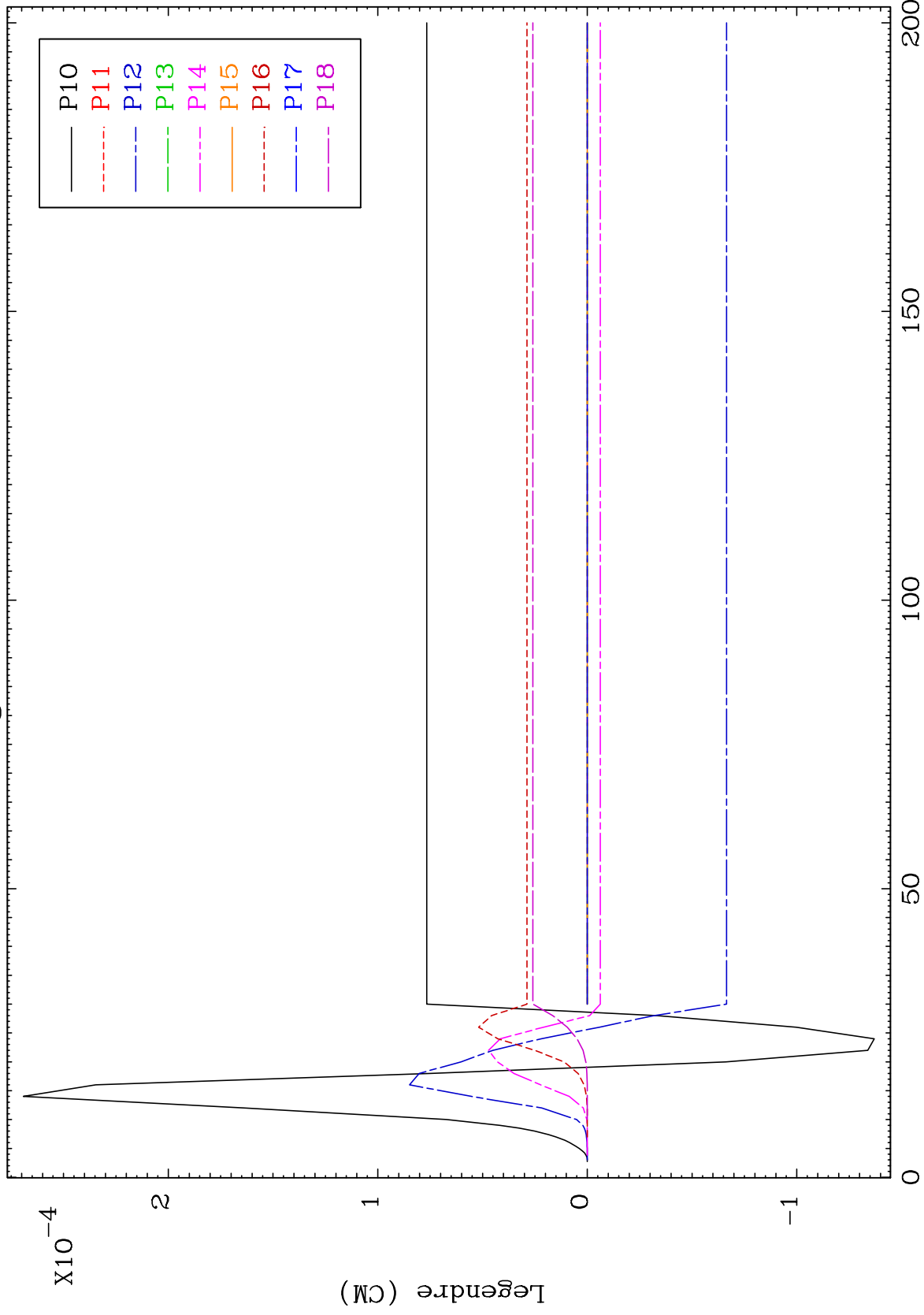
72-Hf-154



MAT 7165

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

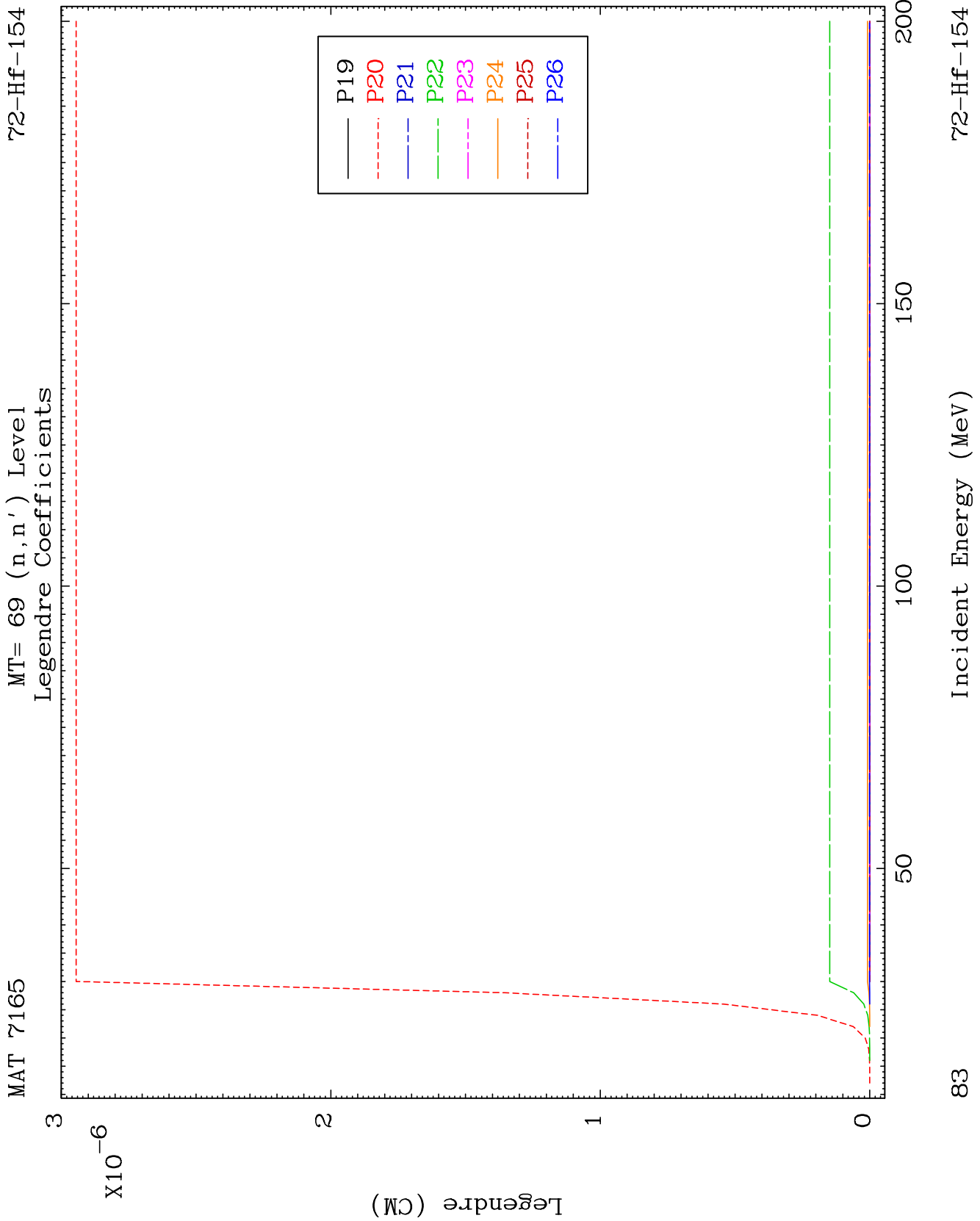
72-Hf-154



82

Incident Energy (MeV)

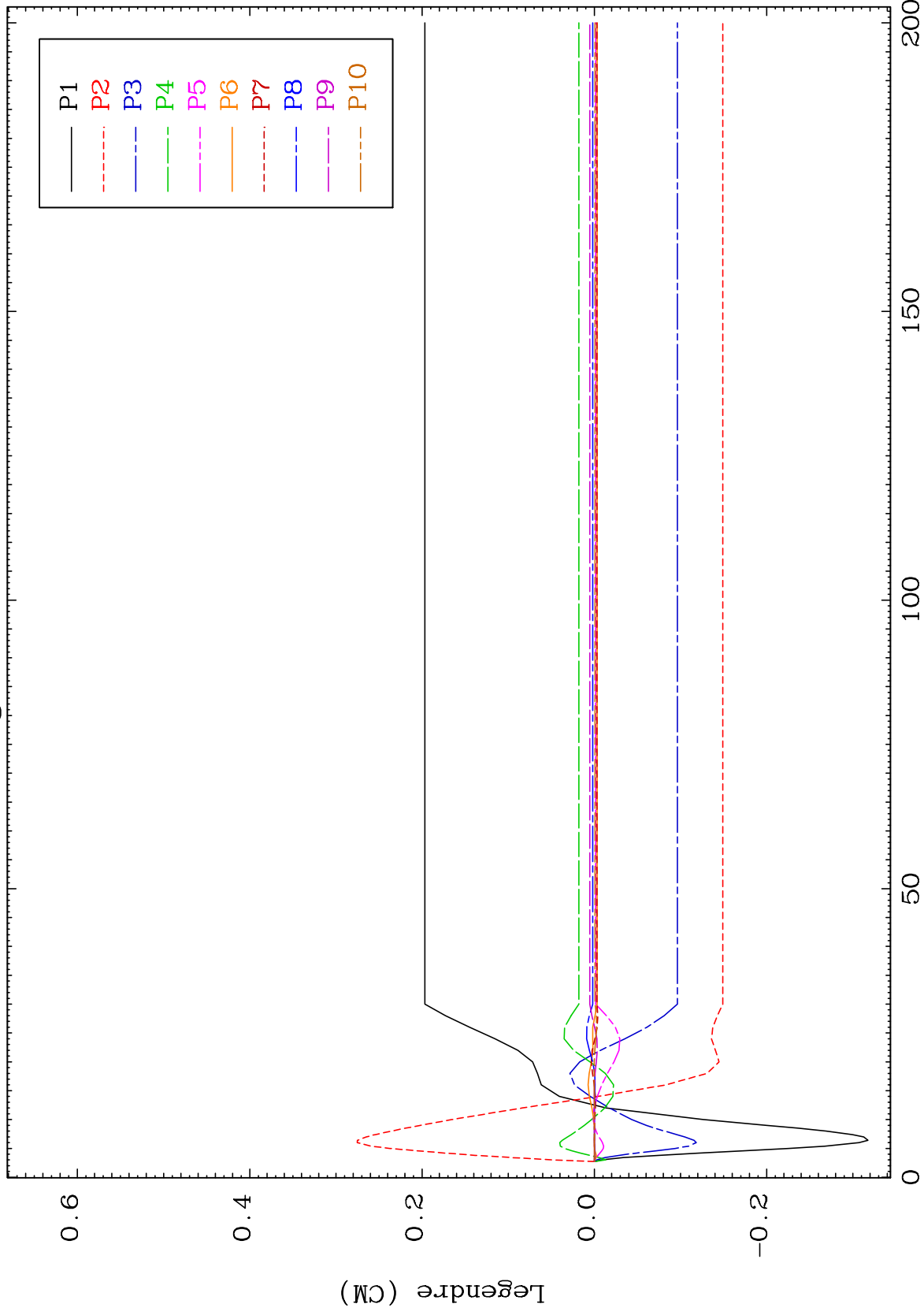
72-Hf-154



MAT 7165

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

72-Hf-154



84

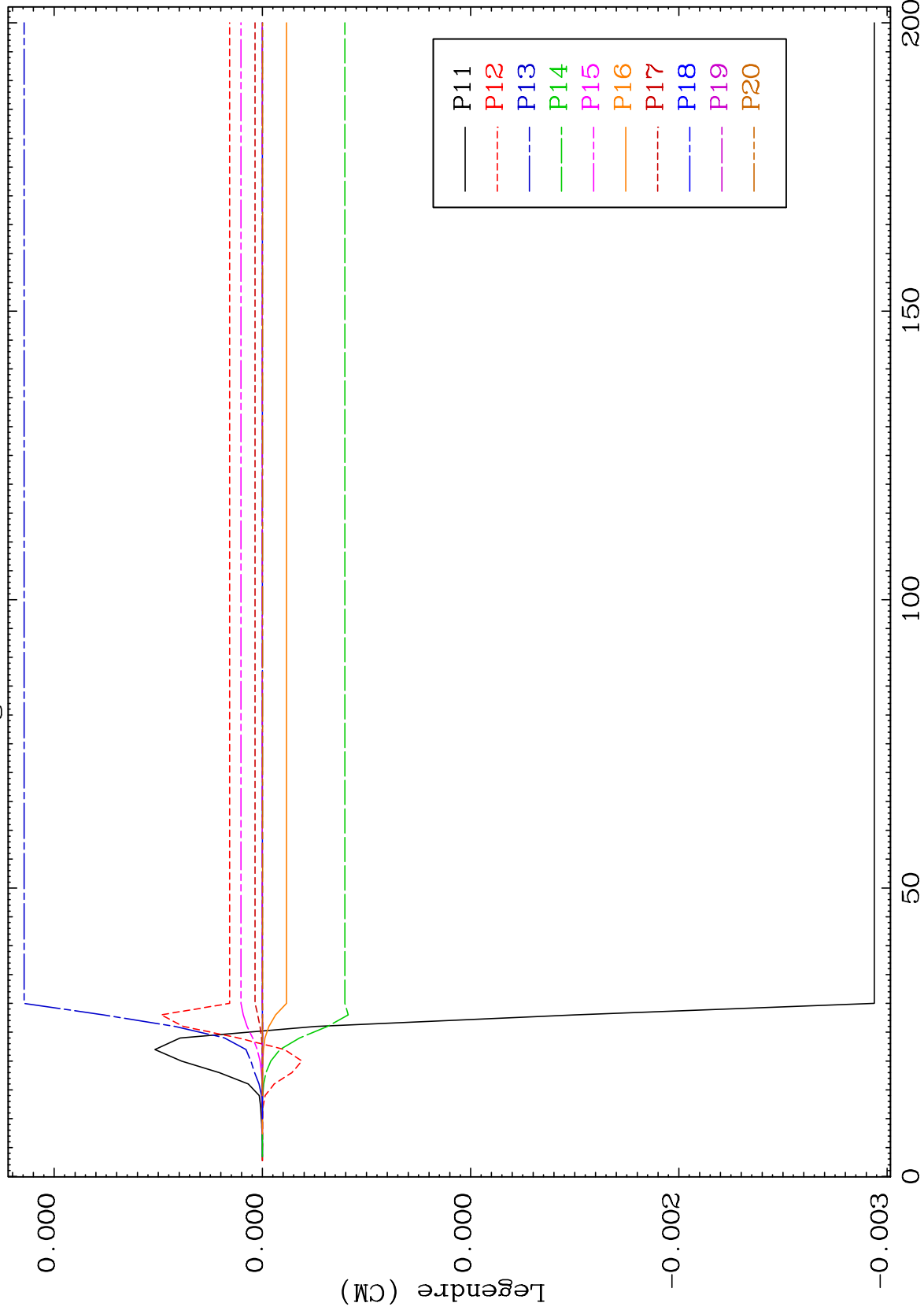
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

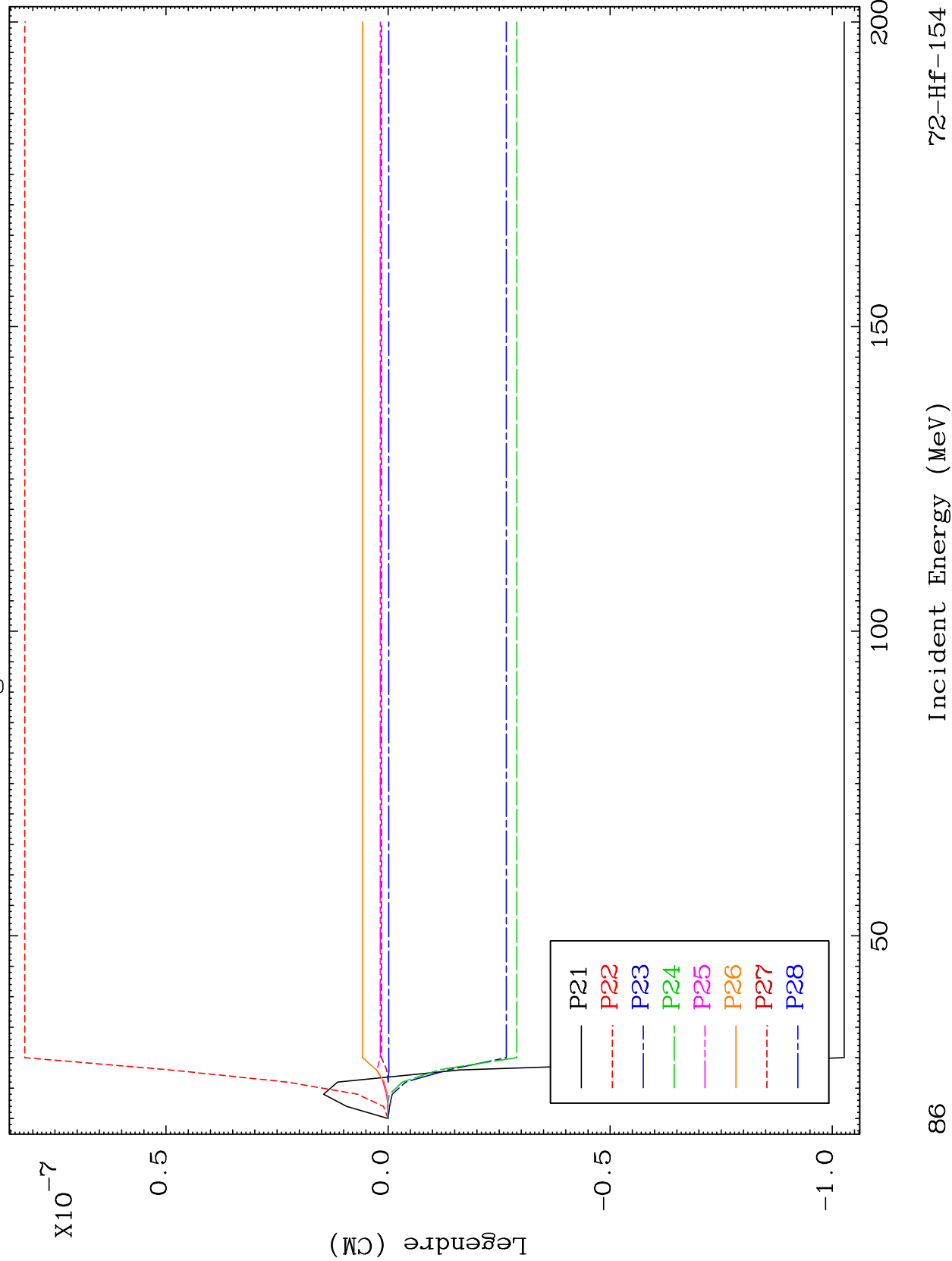
72-Hf-154



85

Incident Energy (MeV)

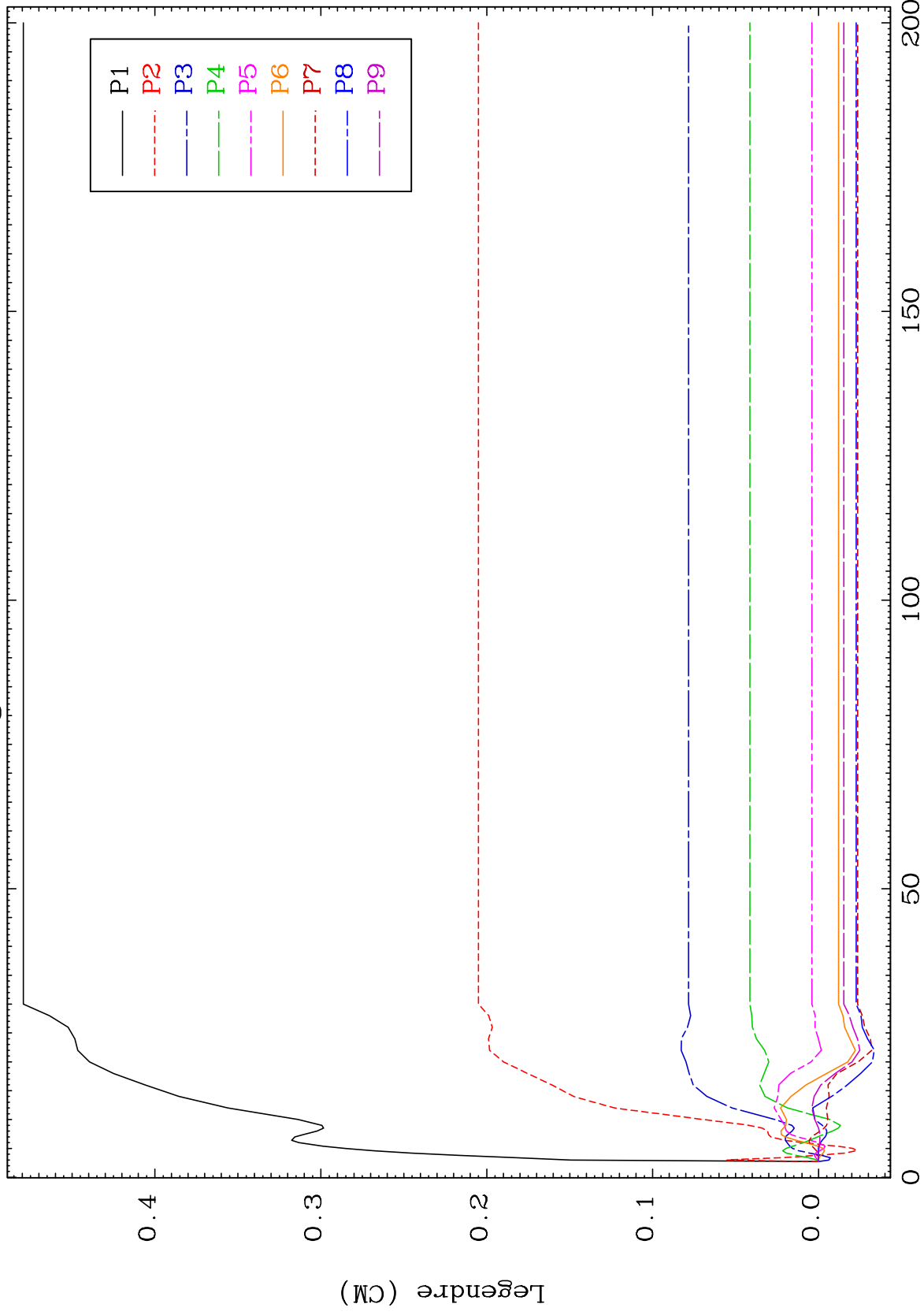
72-Hf-154



MAT 7165

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

72-Hf-154



87

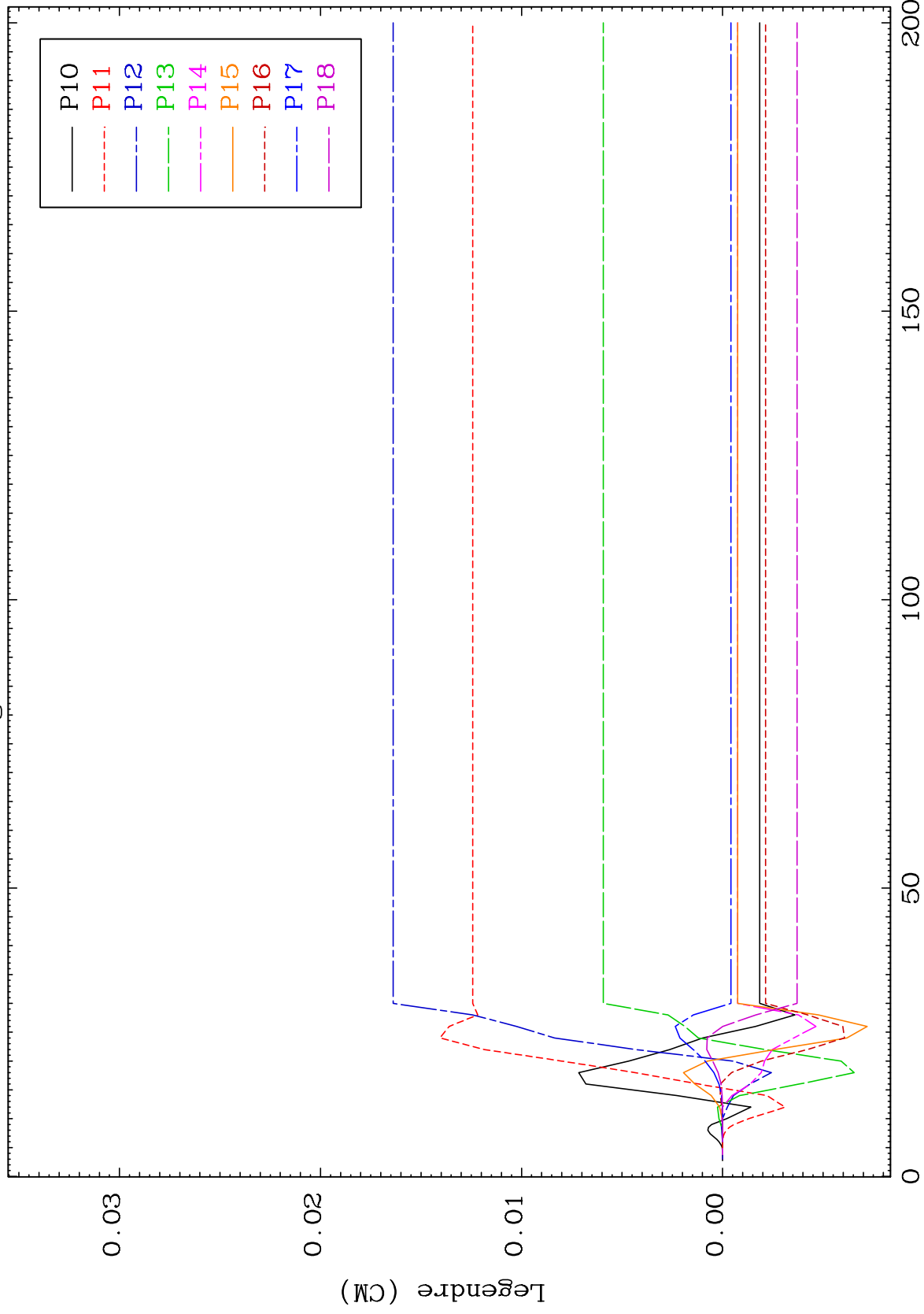
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

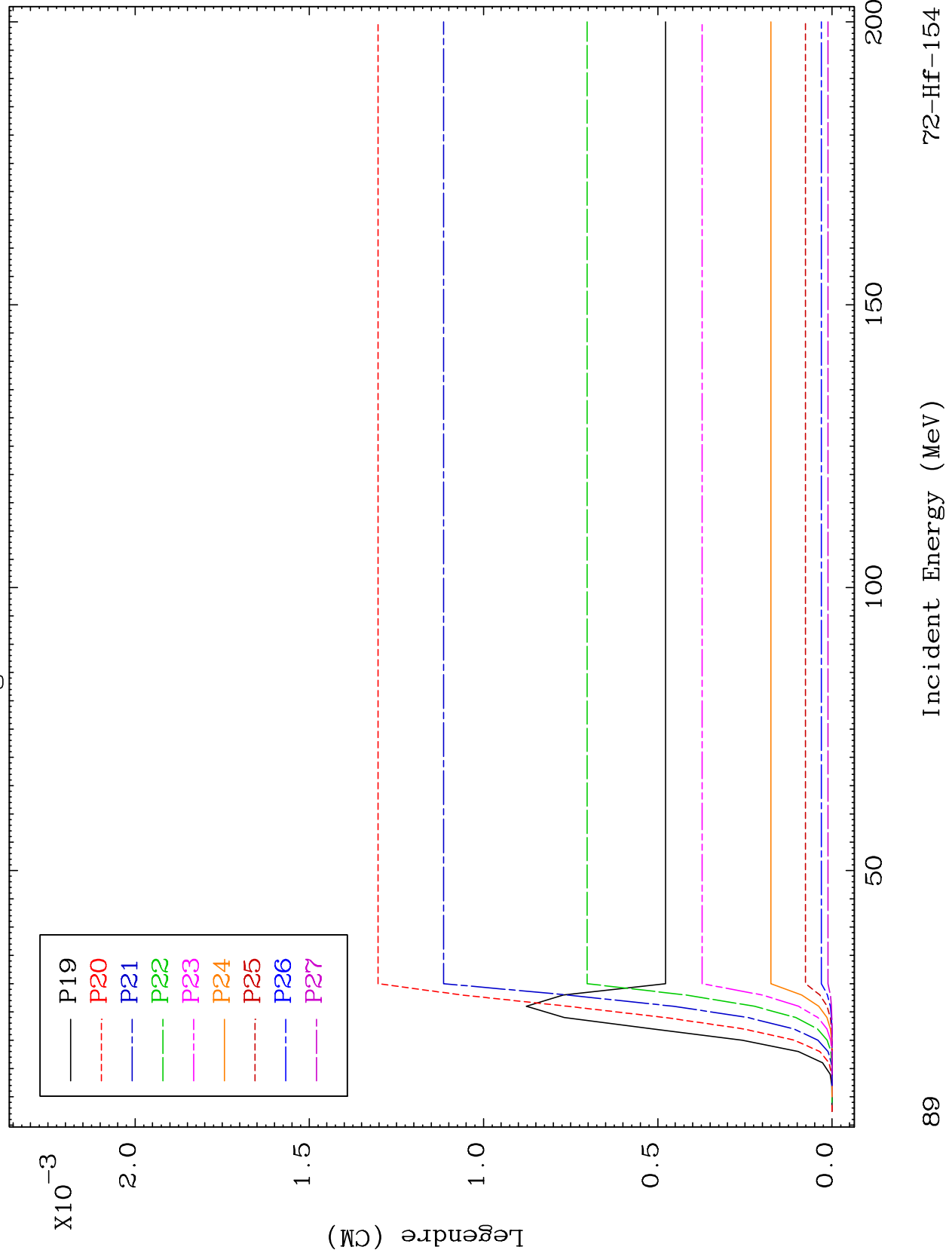
72-Hf-154



88

Incident Energy (MeV)

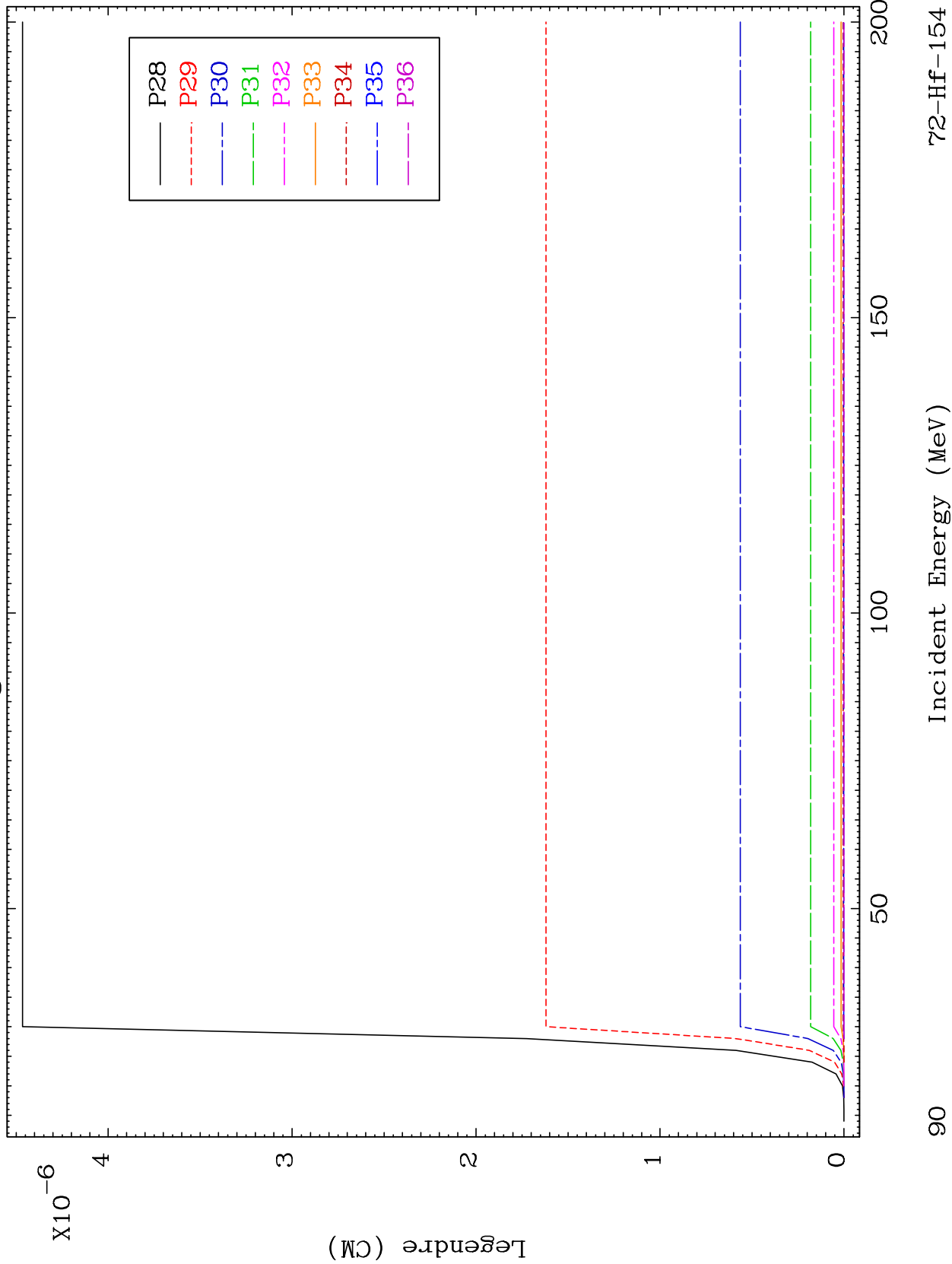
72-Hf-154



MAT 7165

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

72-Hf-154

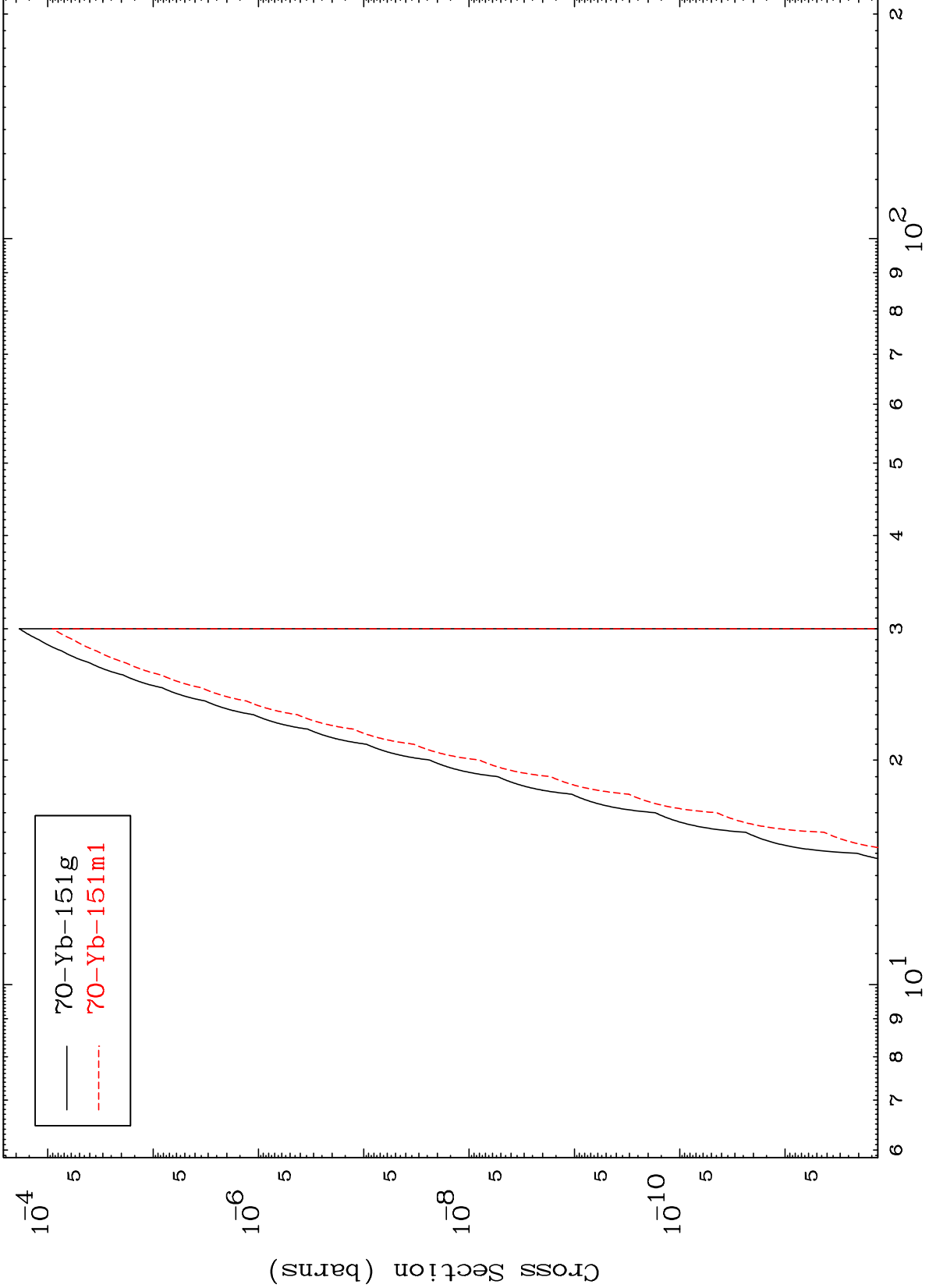


MAT 7165

(n,n') He-3

72-Hf-154

Radionuclide Production Cross Section



70-Yb-151g
70-Yb-151m1

91

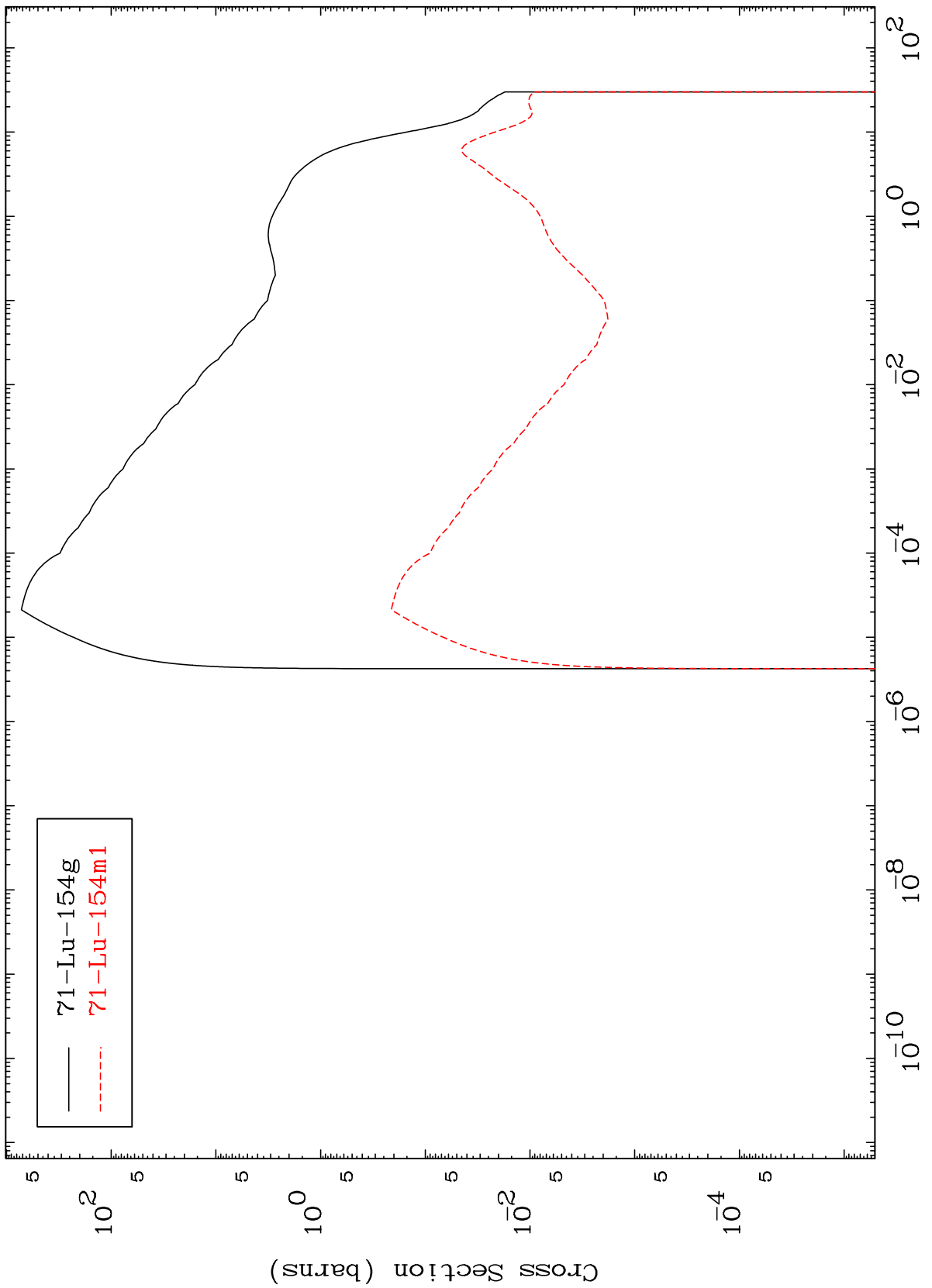
Incident Energy (MeV)

72-Hf-154

MAT 7165

72-Hf-154

(n,p)
Radionuclide Production Cross Section



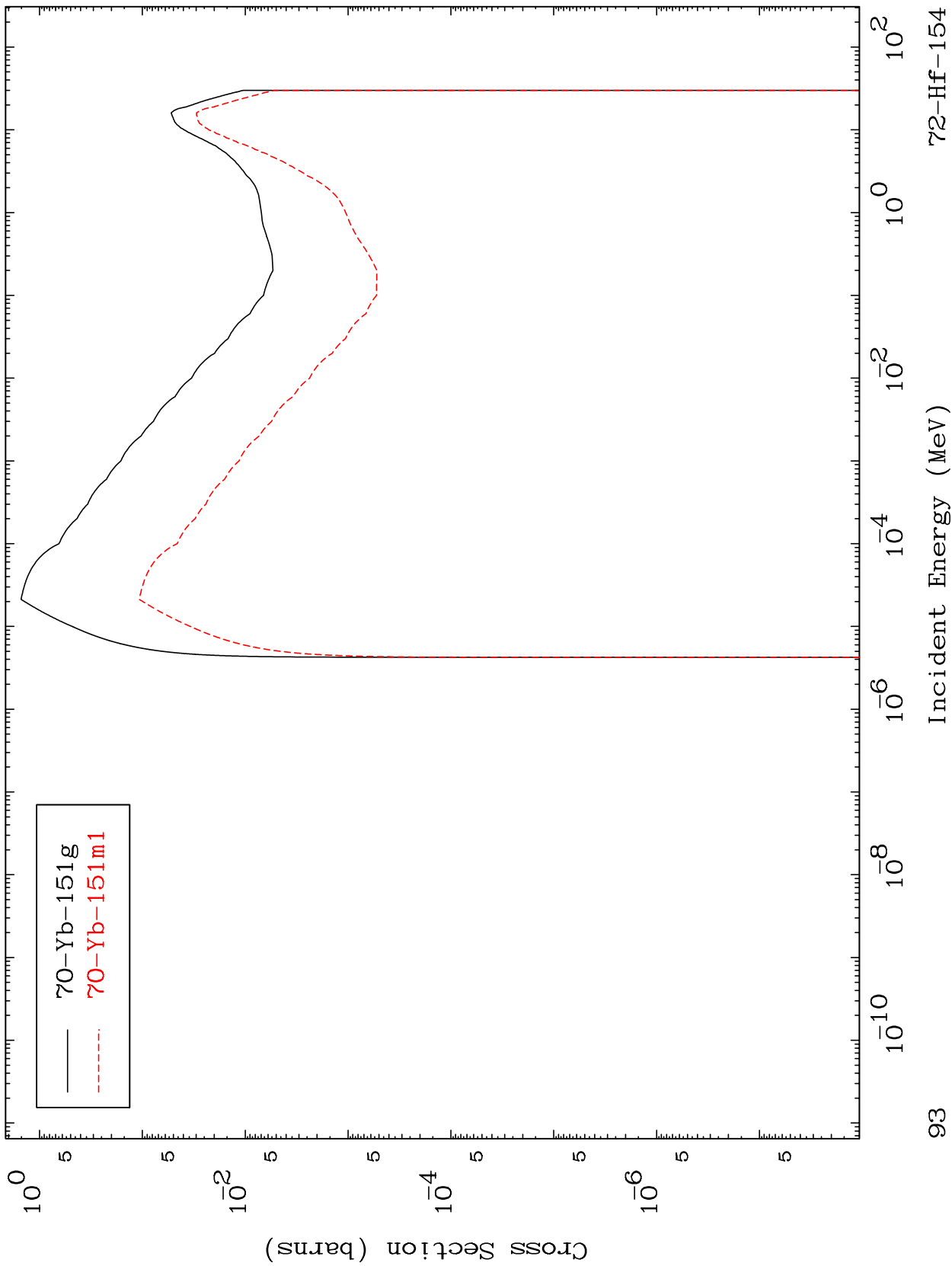
92

72-Hf-154

MAT 7165

72-Hf-154

Radionuclide Production Cross Section

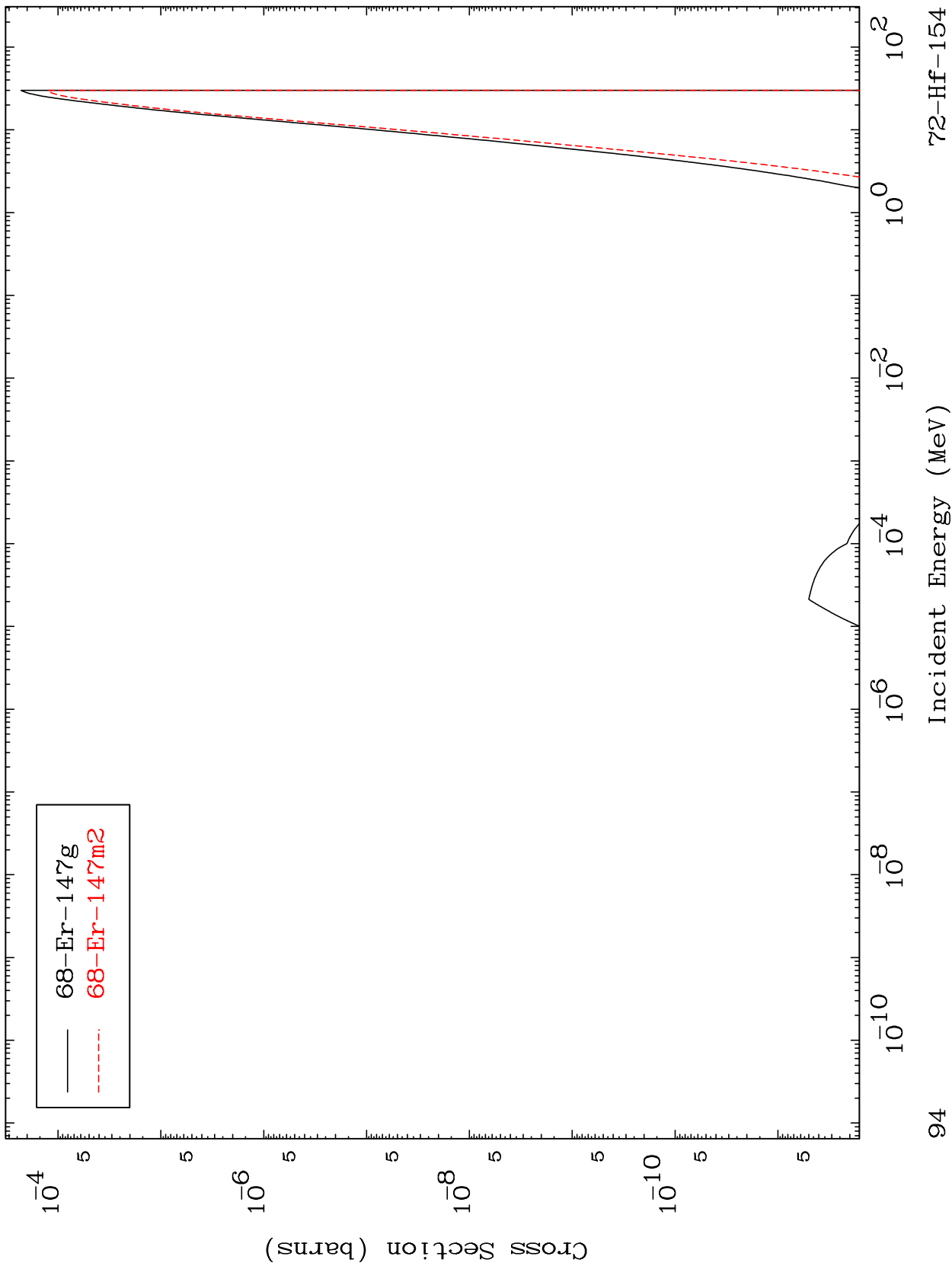


MAT 7165

(n,2α)

72-Hf-154

Radionuclide Production Cross Section

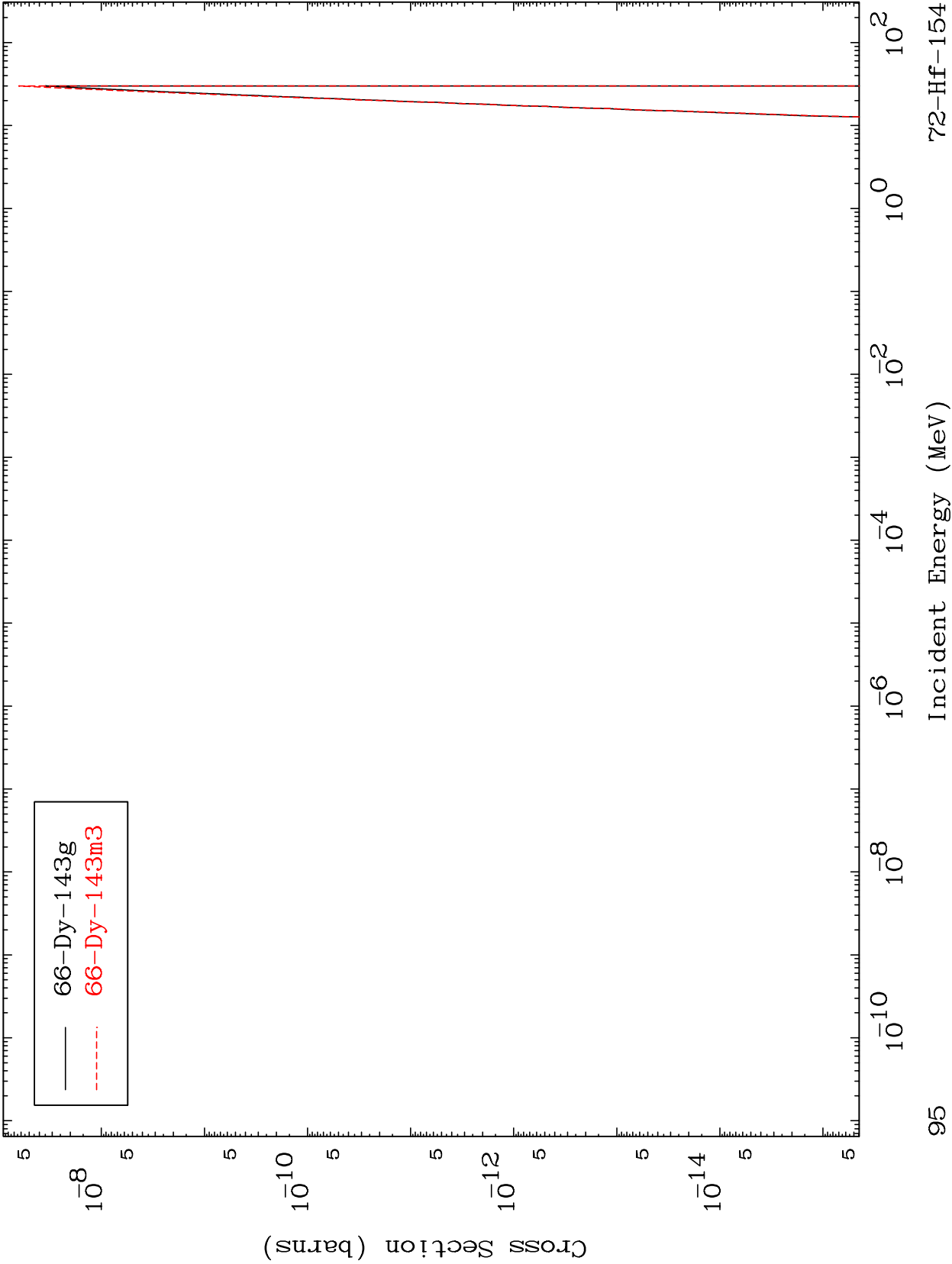


MAT 7165

(n, 3α)

72-Hf-154

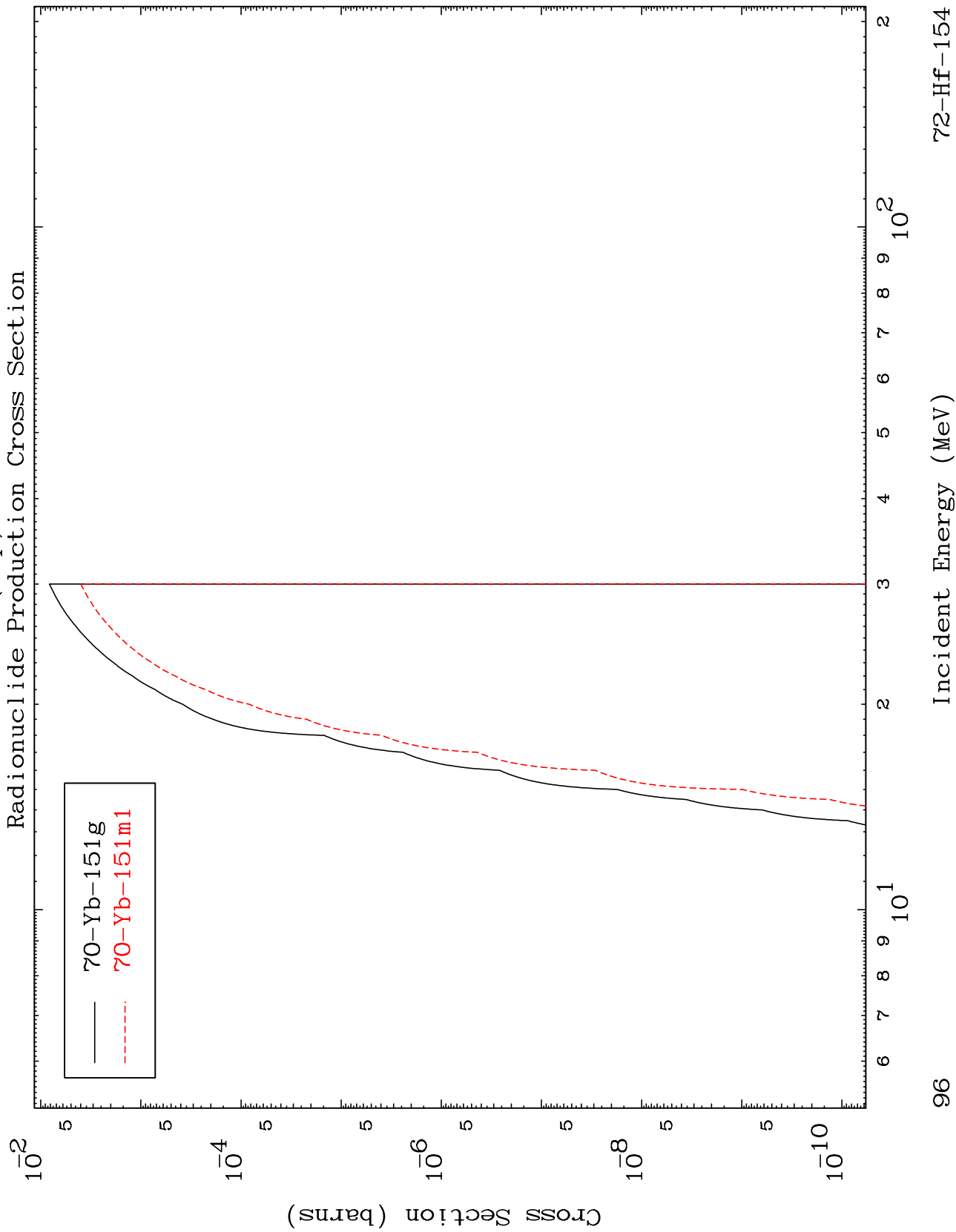
Radionuclide Production Cross Section



MAT 7165

(n,p) t

72-Hf-154



96

72-Hf-154