

Program EVALPLOT
(Version 2015-2)

by

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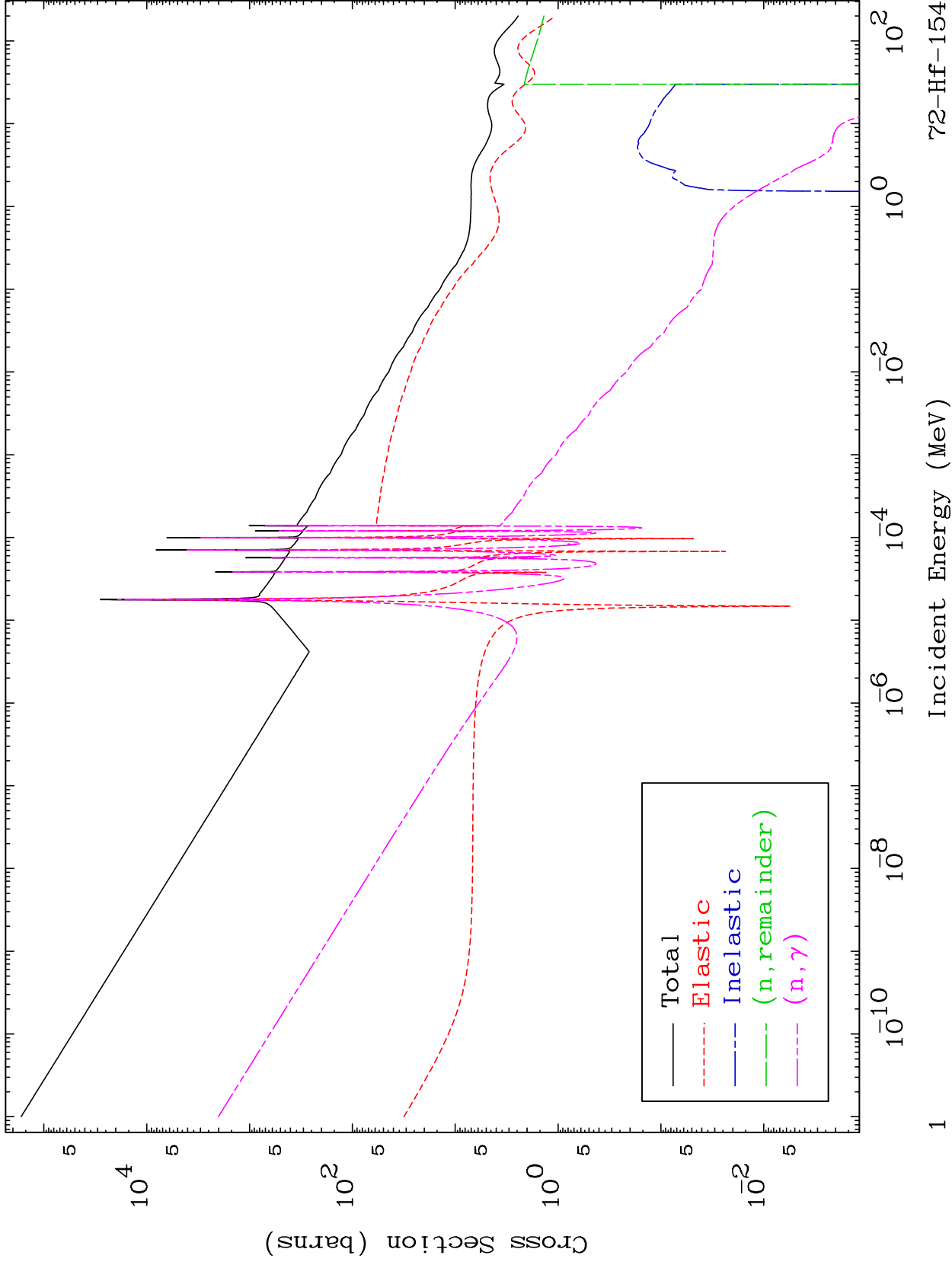
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7165

Major
293 Kelvin Cross Sections

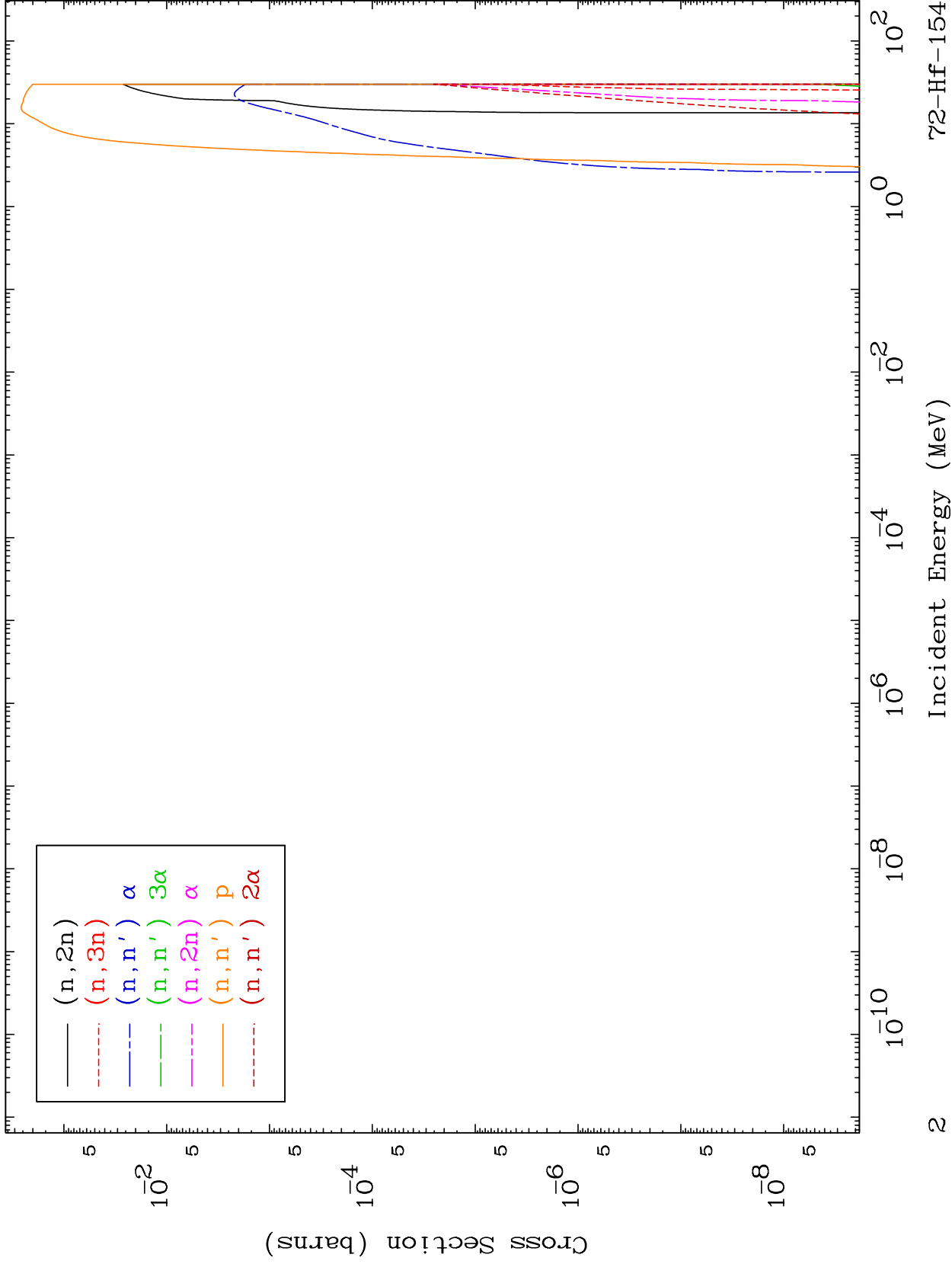
72-Hf-154

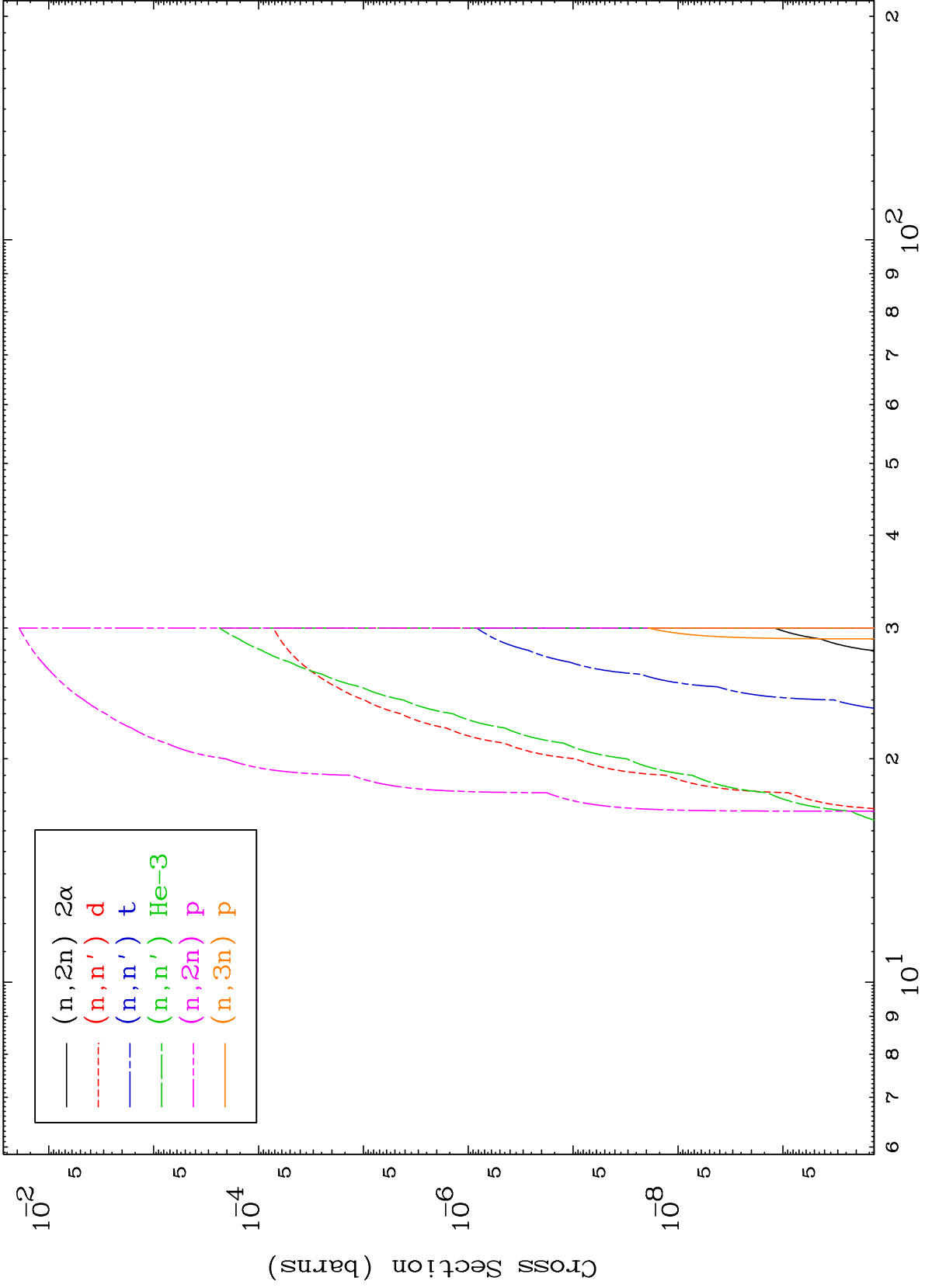


MAT 7165

Neutron Production
293 Kelvin Cross Sections

72-Hf-154

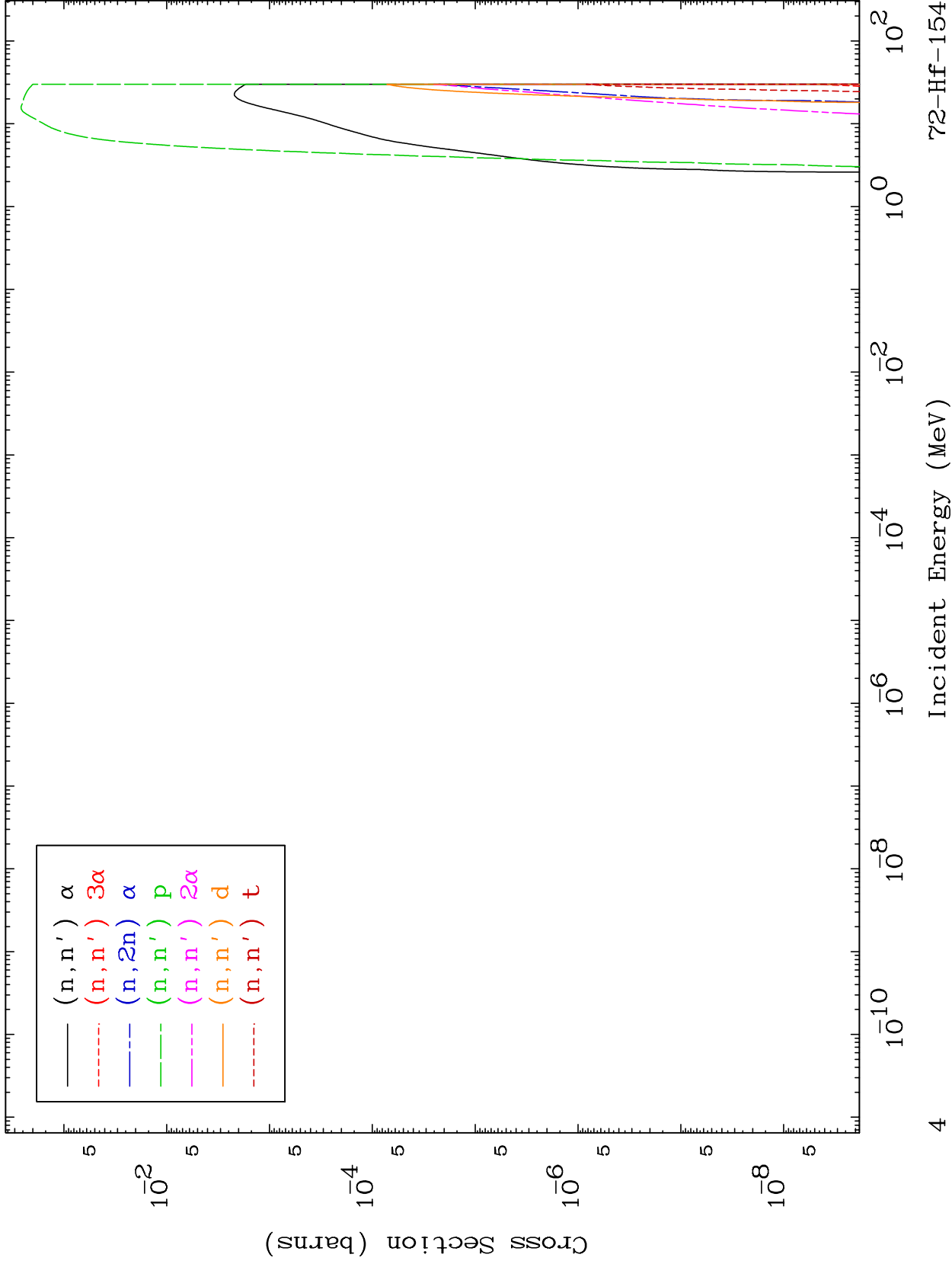




MAT 7165

Charged Particle
293 Kelvin Cross Sections

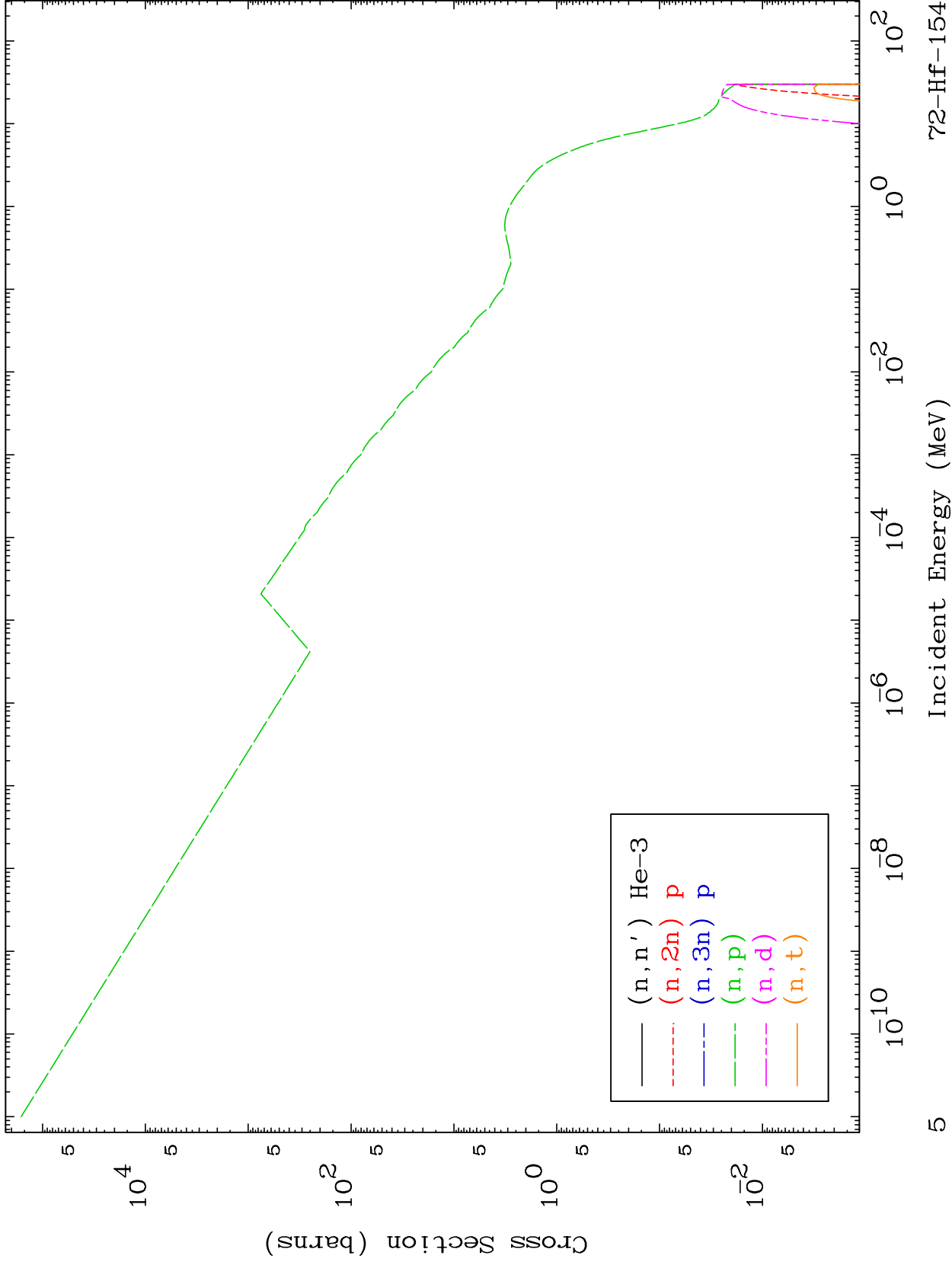
72-Hf-154



MAT 7165

Charged Particle
293 Kelvin Cross Sections

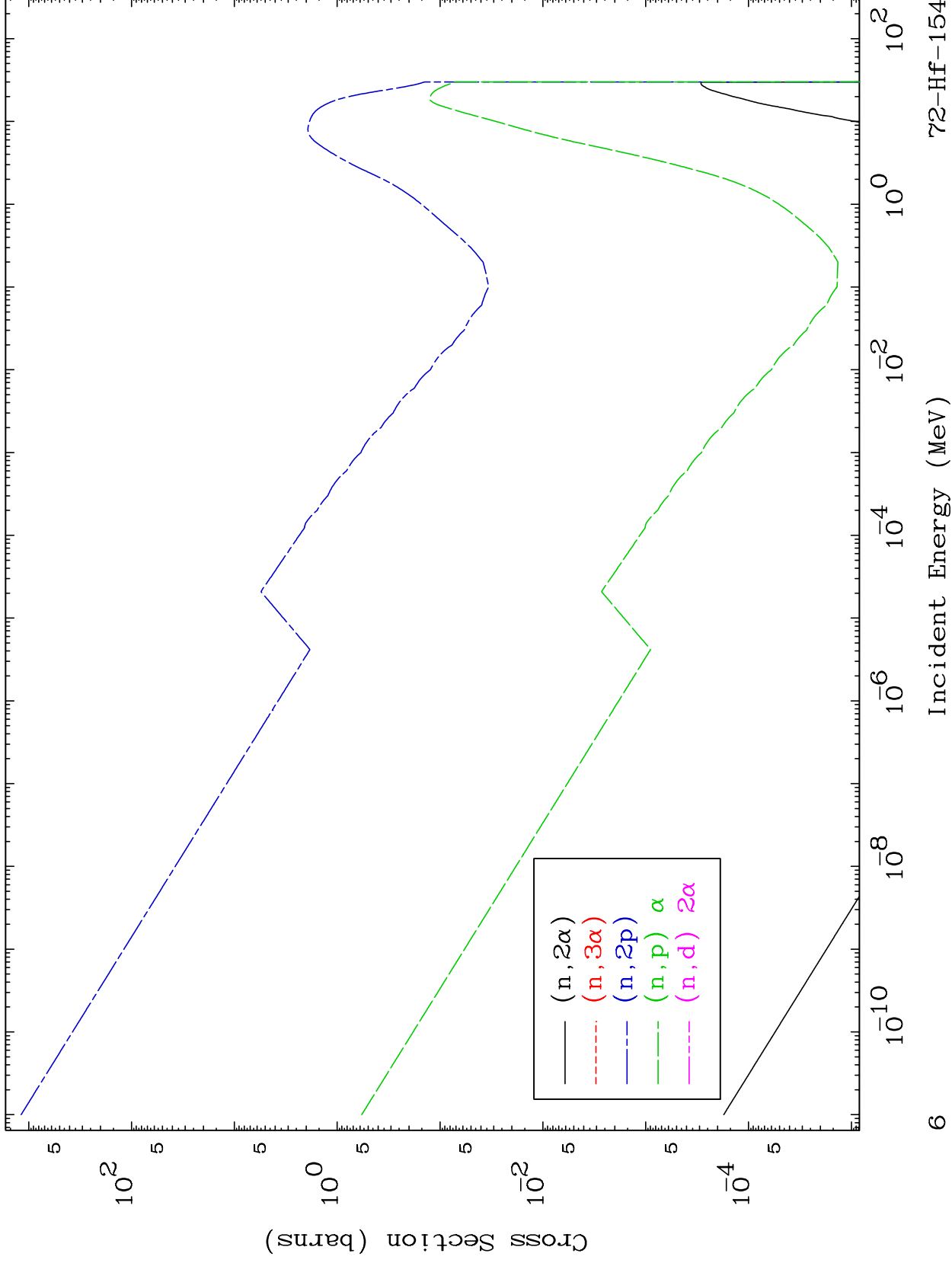
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MAT 7165

Charged Particle
293 Kelvin Cross Sections

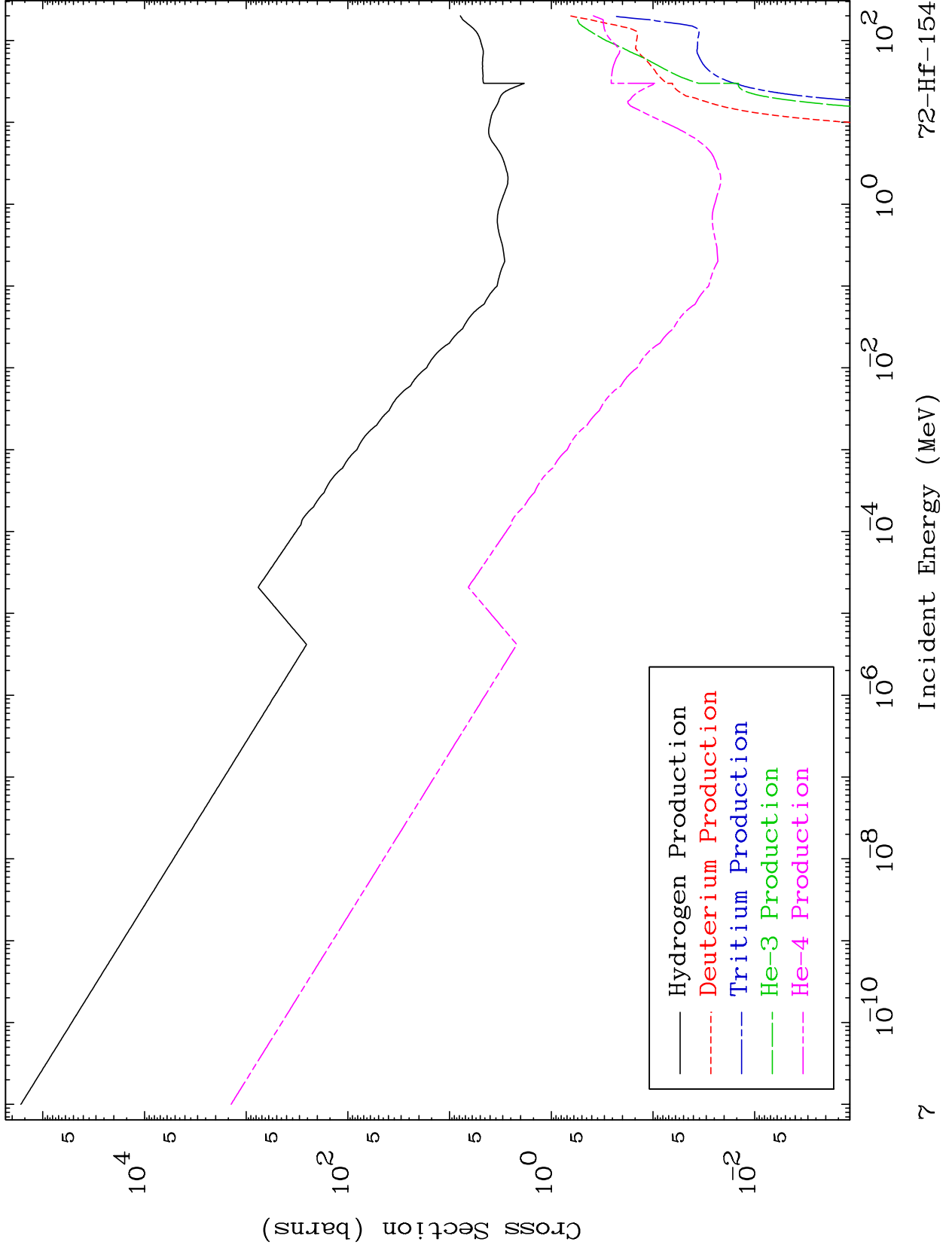
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MAT 7165

Particle Production
293 Kelvin Cross Sections

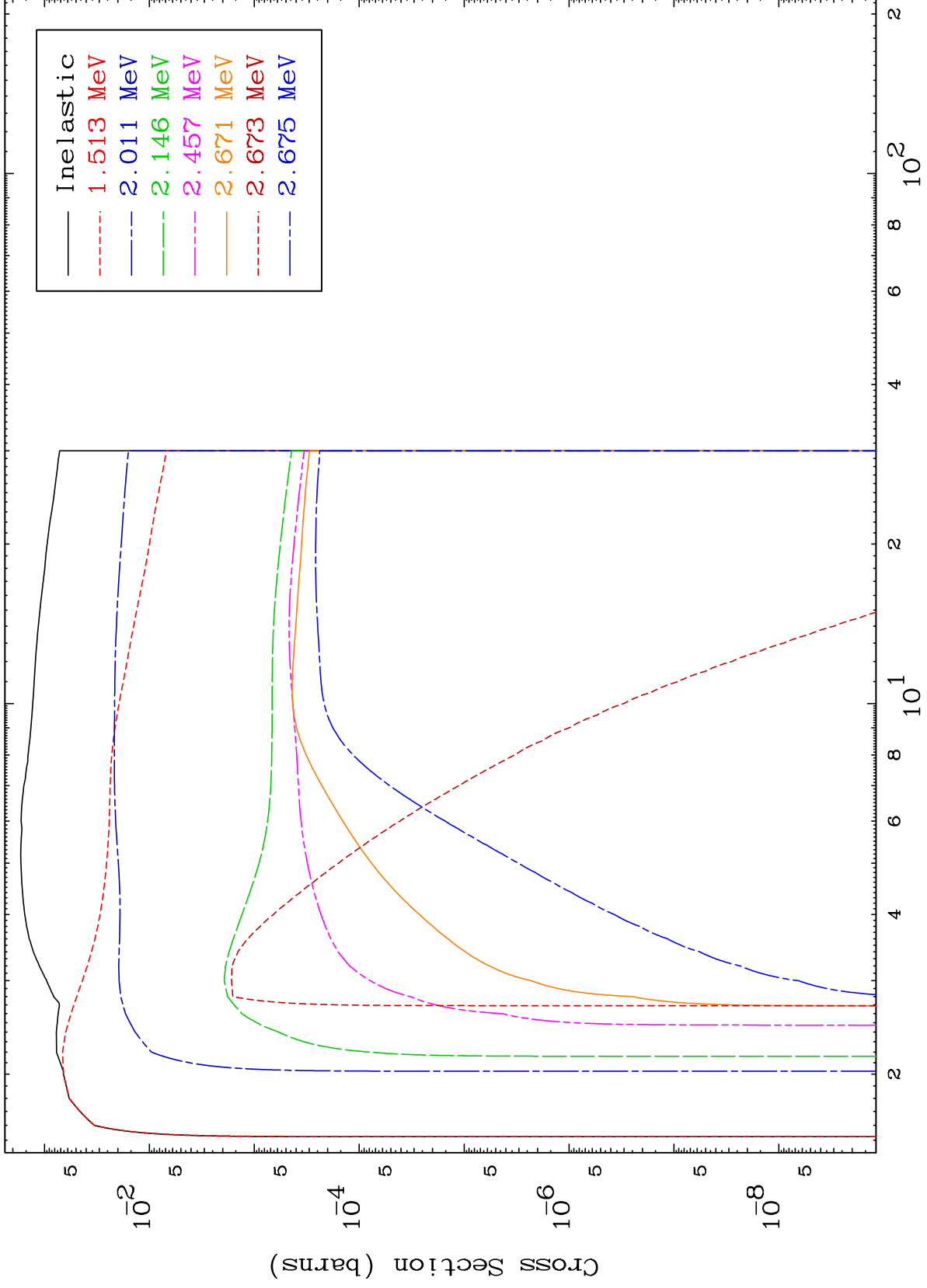
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MAT 7165

(n,n') Level
293 Kelvin Cross Sections

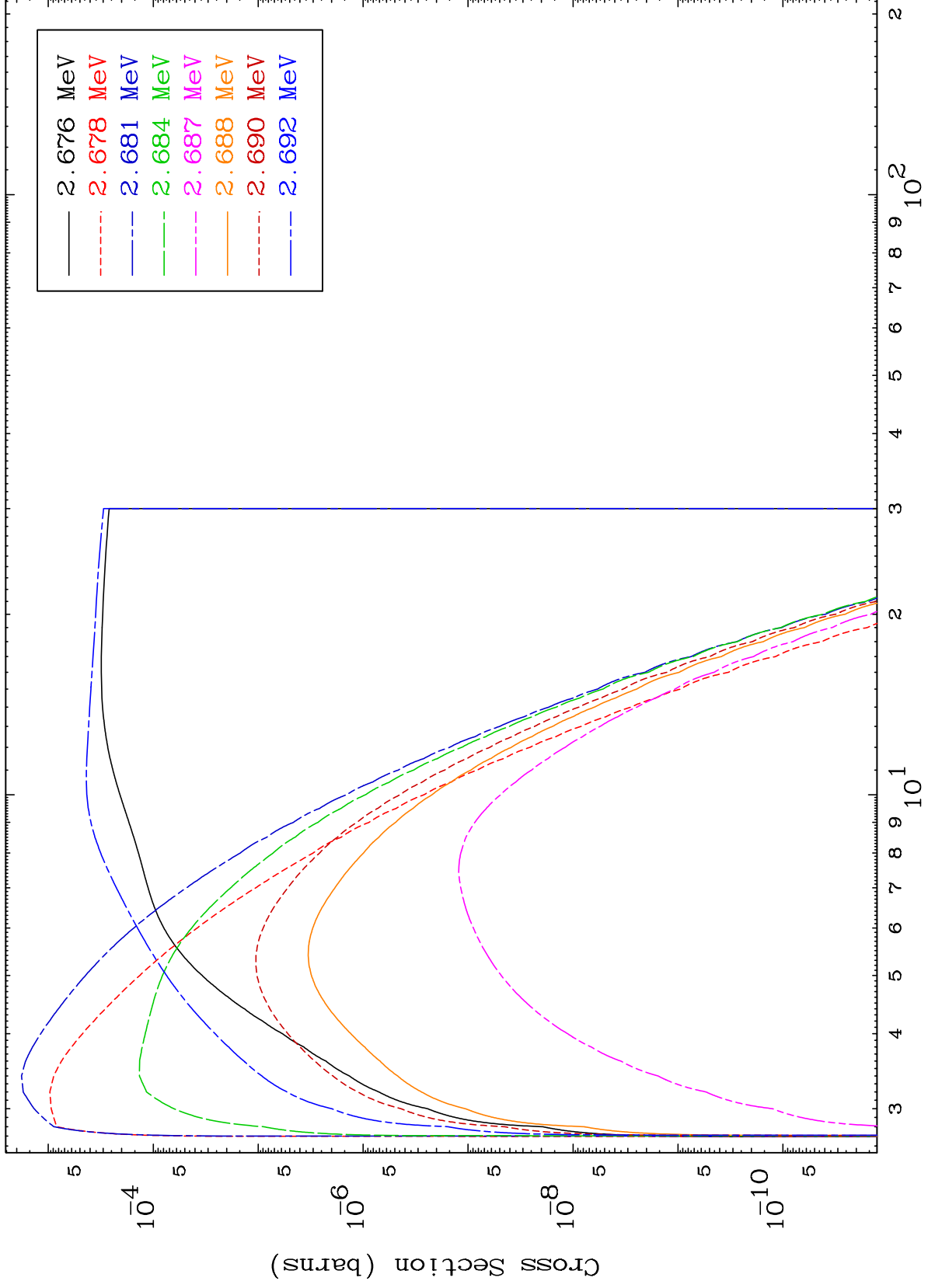
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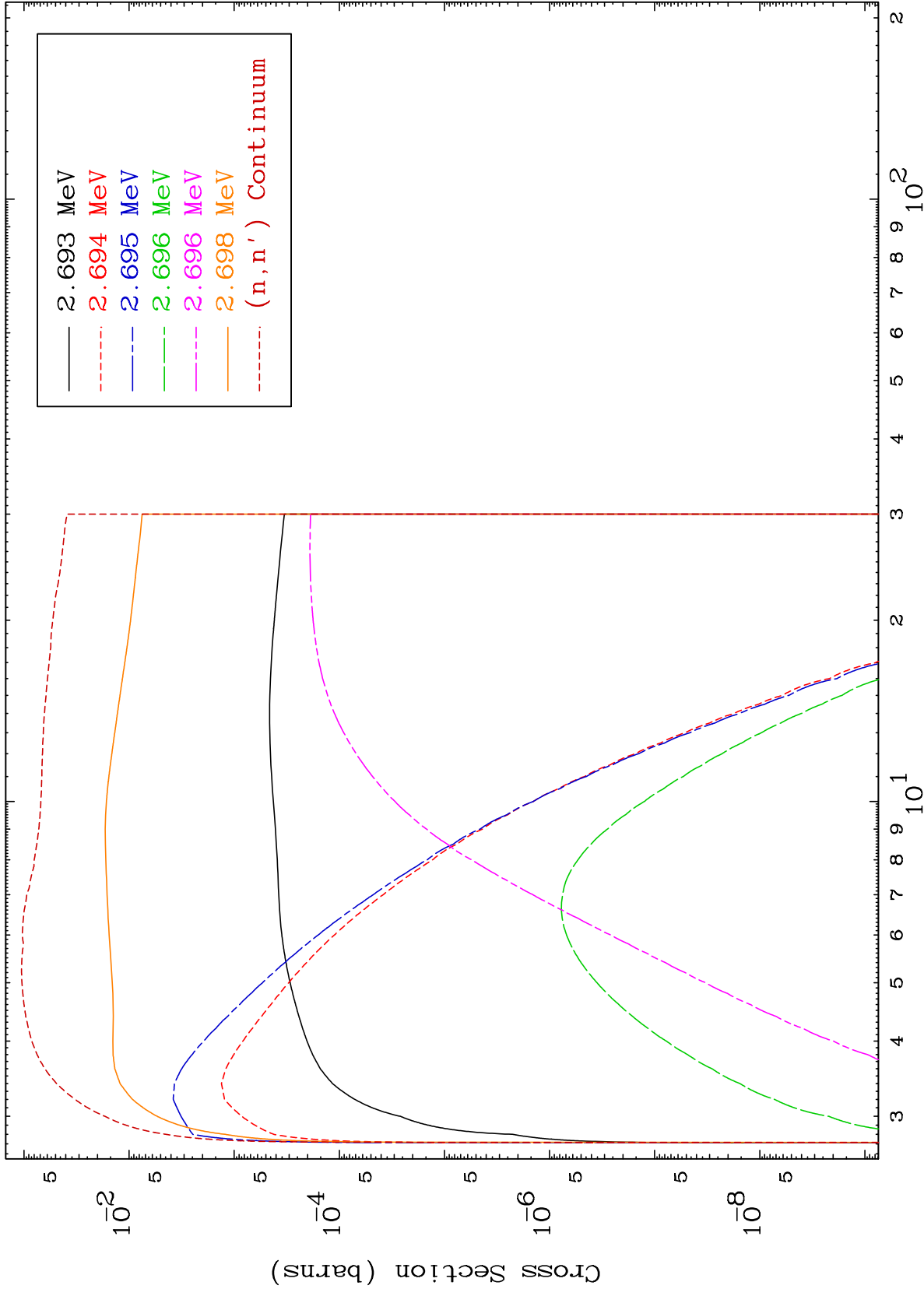
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Incident Energy (MeV)

72-Hf-154



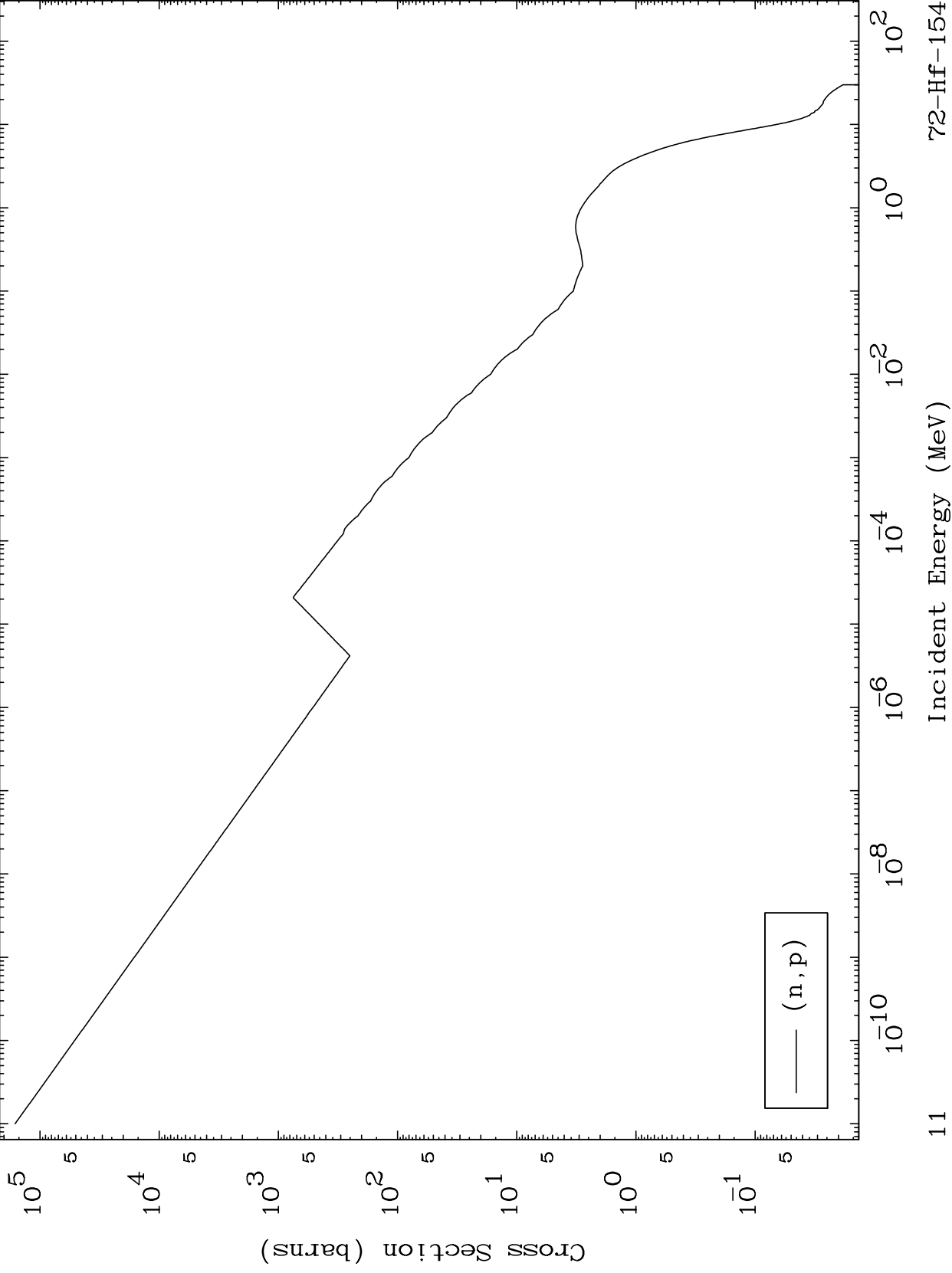
293 Kelvin Cross Sections



MAT 7165

(n,p) Levels
293 Kelvin Cross Sections

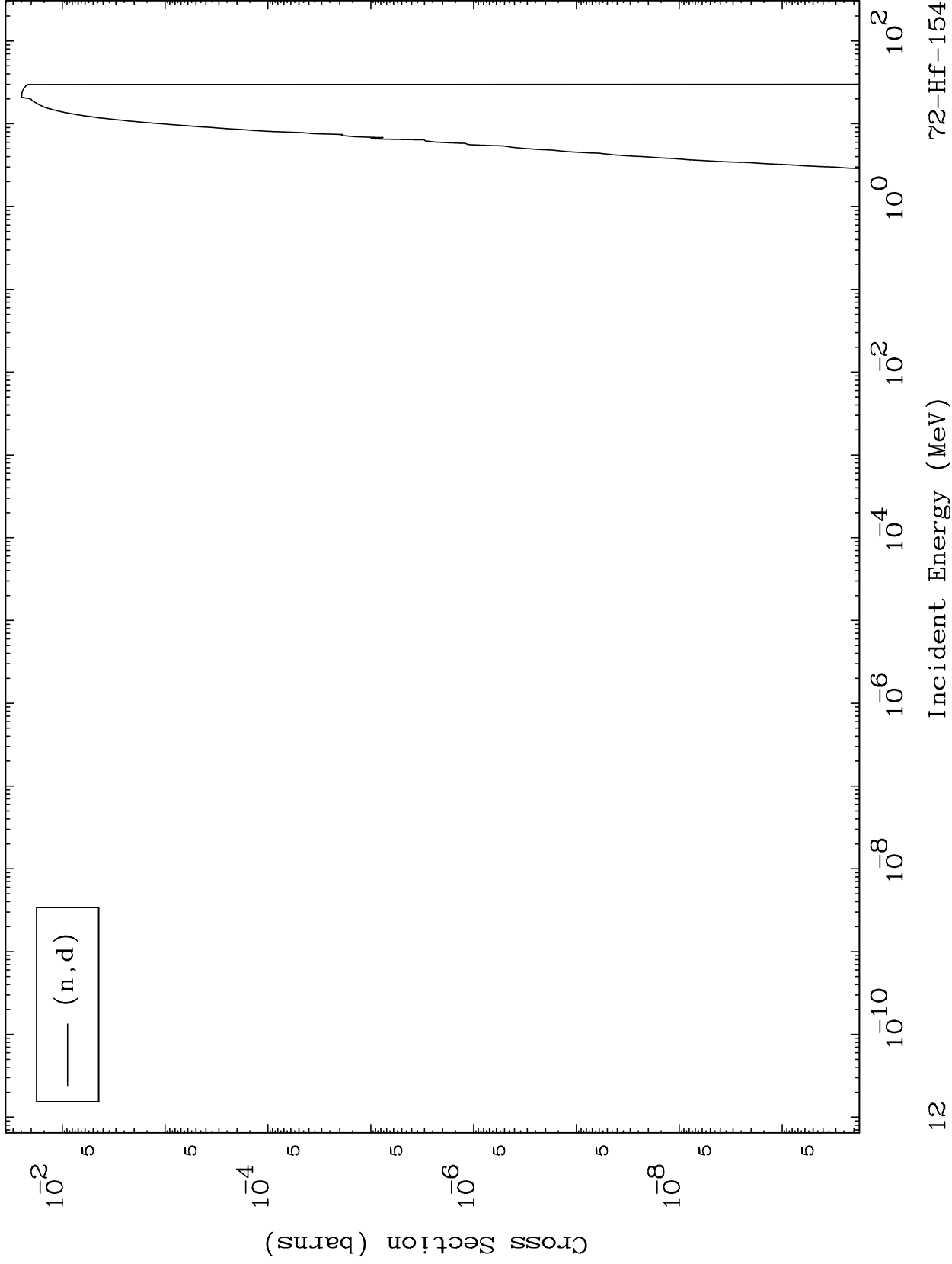
72-Hf-154



MAT 7165

(n,d) Levels
293 Kelvin Cross Sections

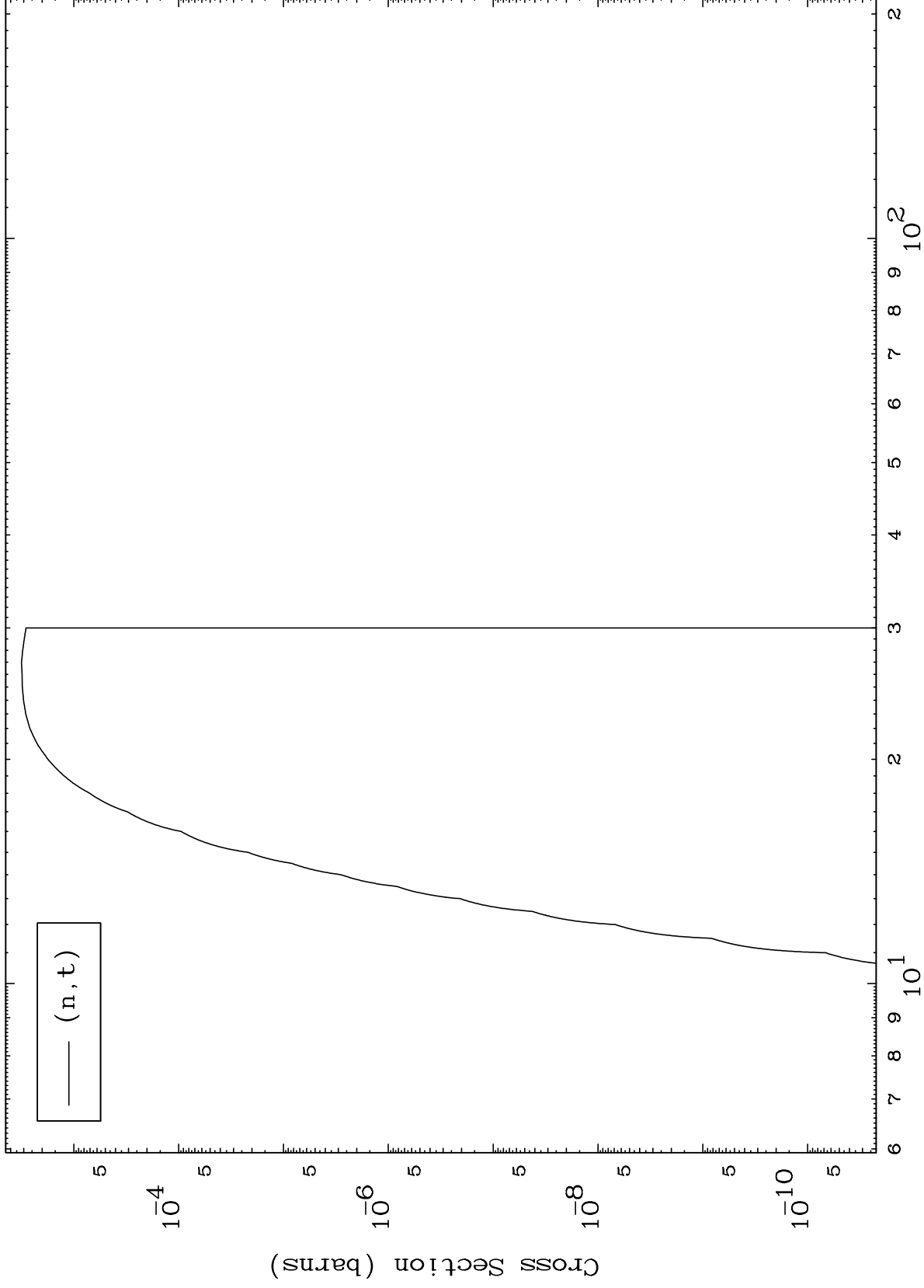
72-Hf-154



MAT 7165

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-154



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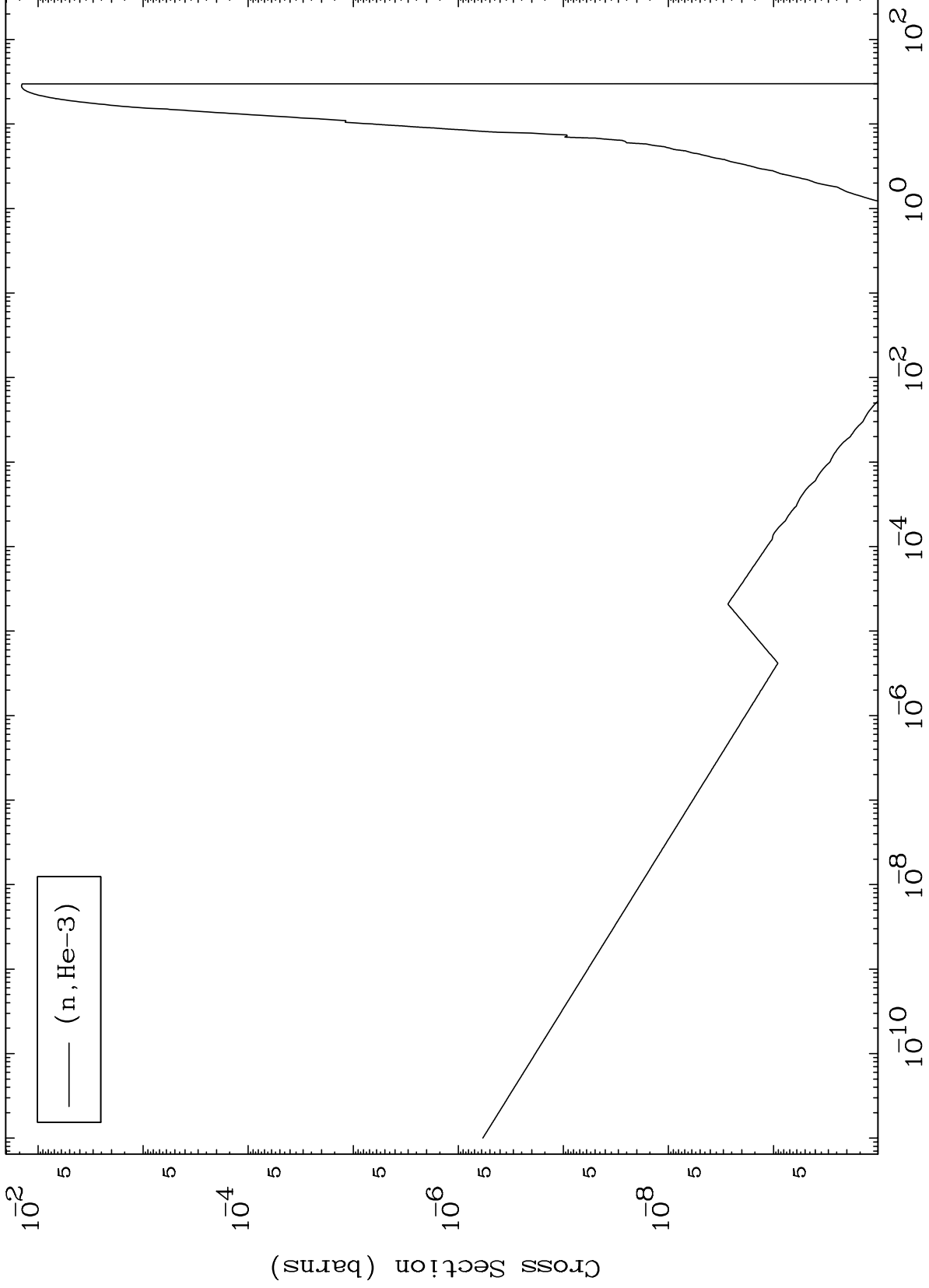
Incident Energy (MeV)

72-Hf-154

MAT 7165

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-154

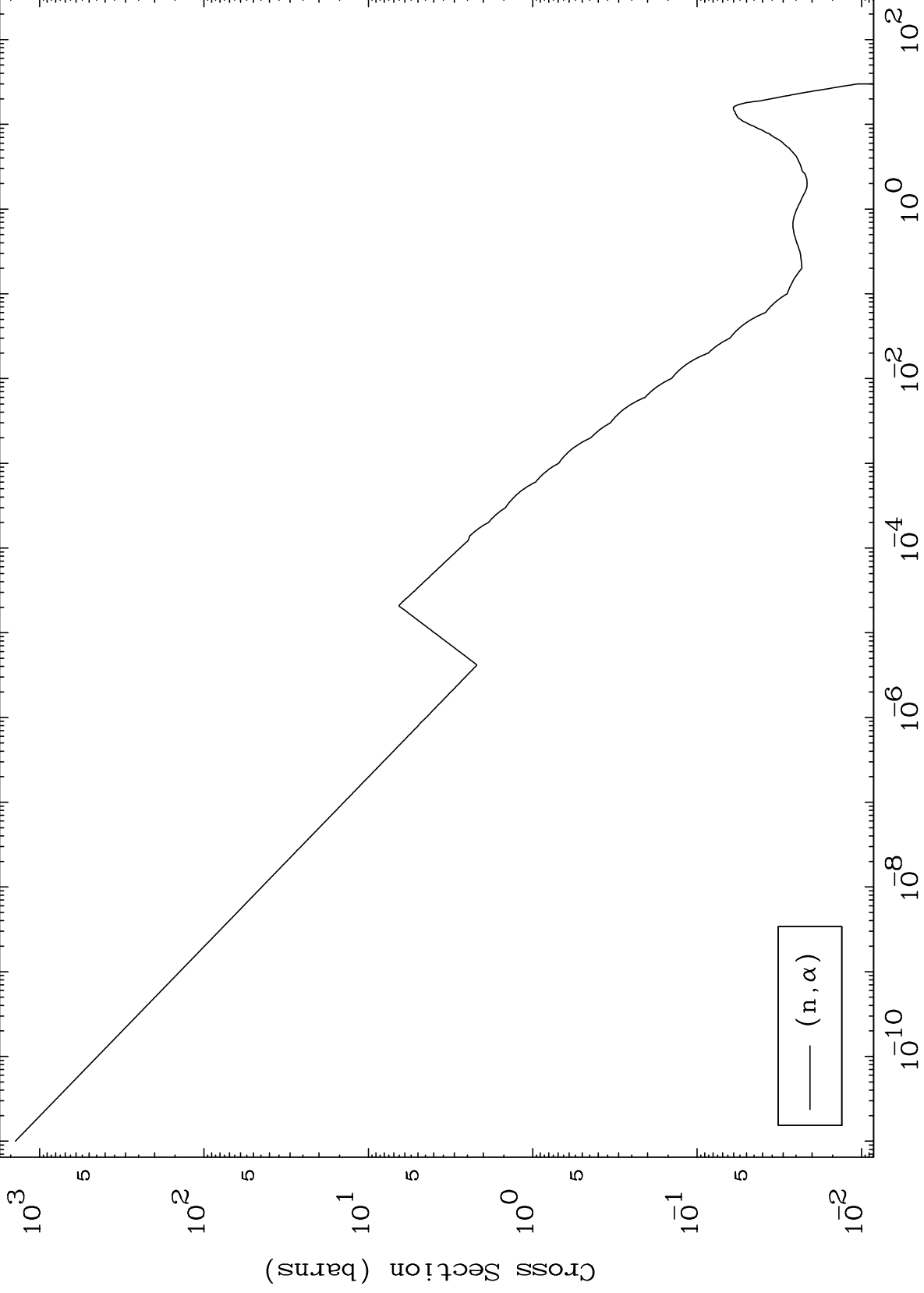


(n, He-3)

MAT 7165

(n, α) Levels
293 Kelvin Cross Sections

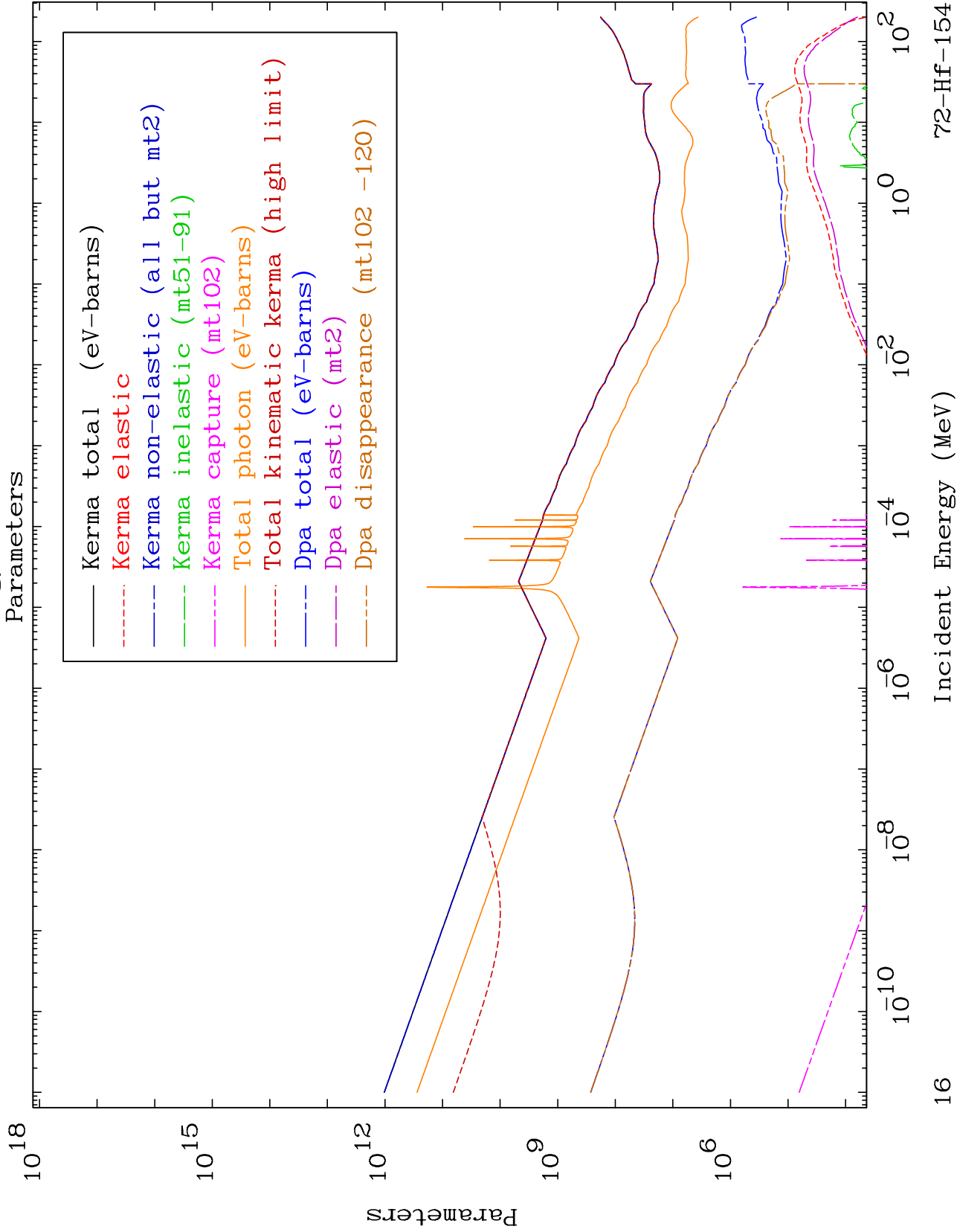
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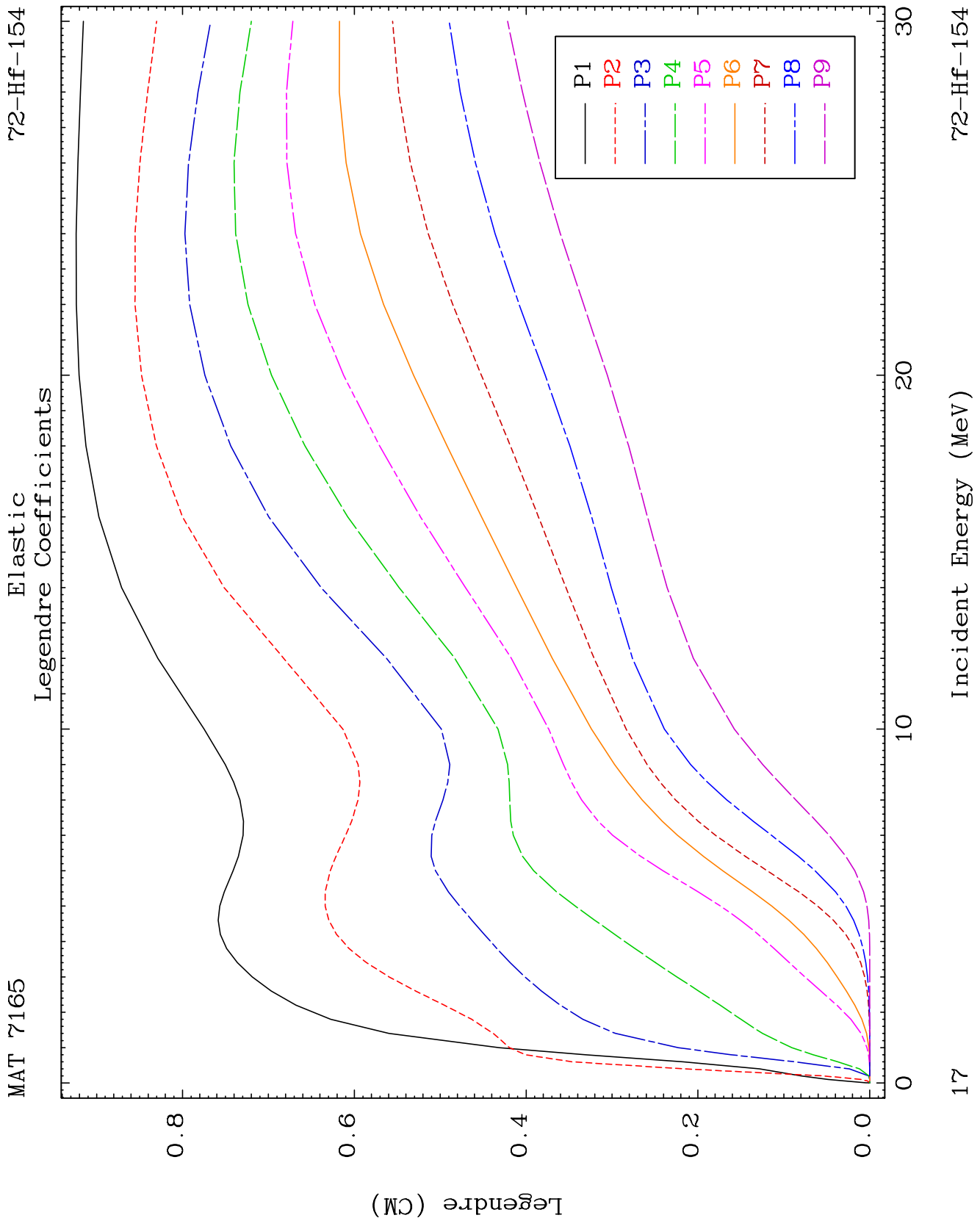


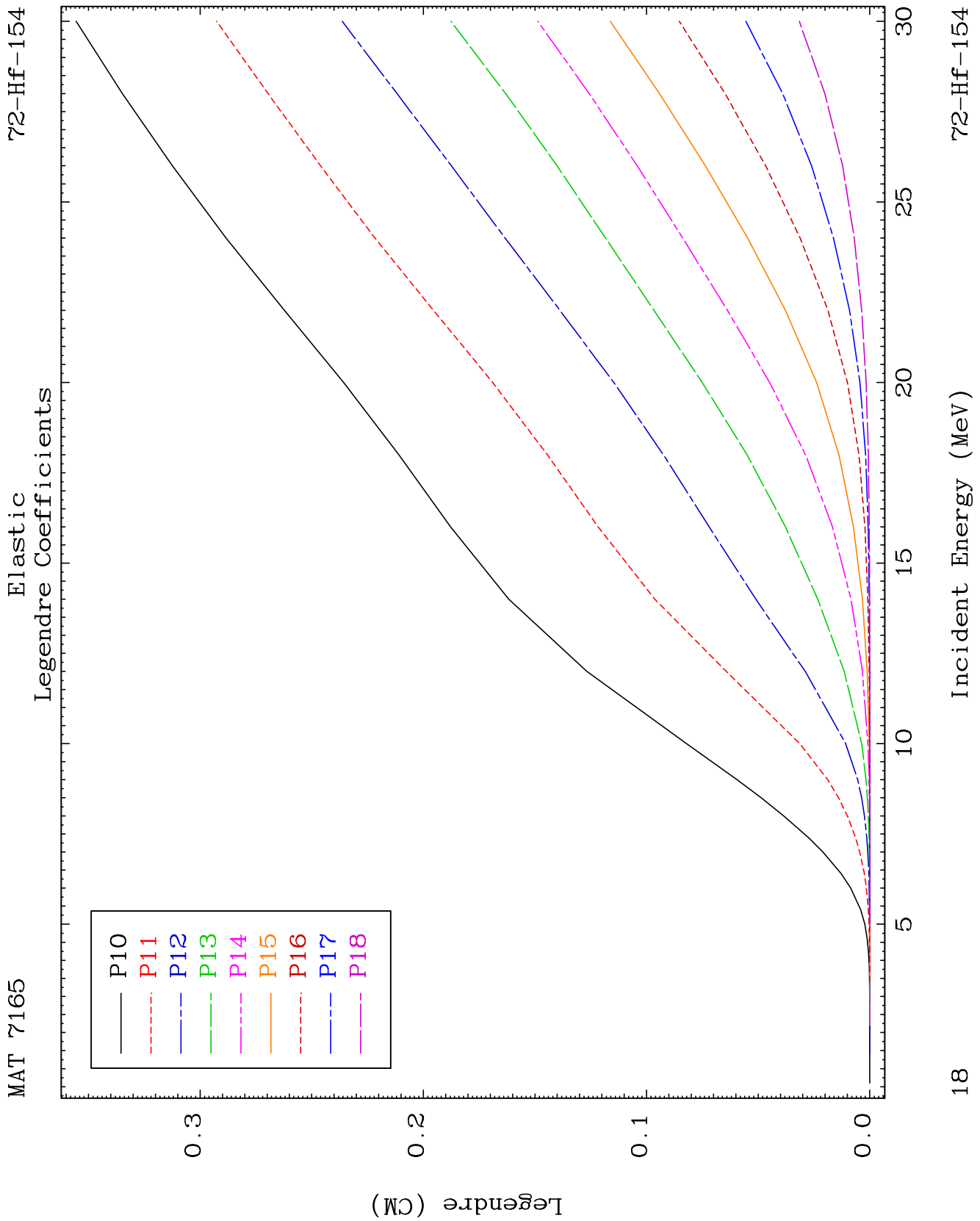
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Incident Energy (MeV)

72-Hf-154



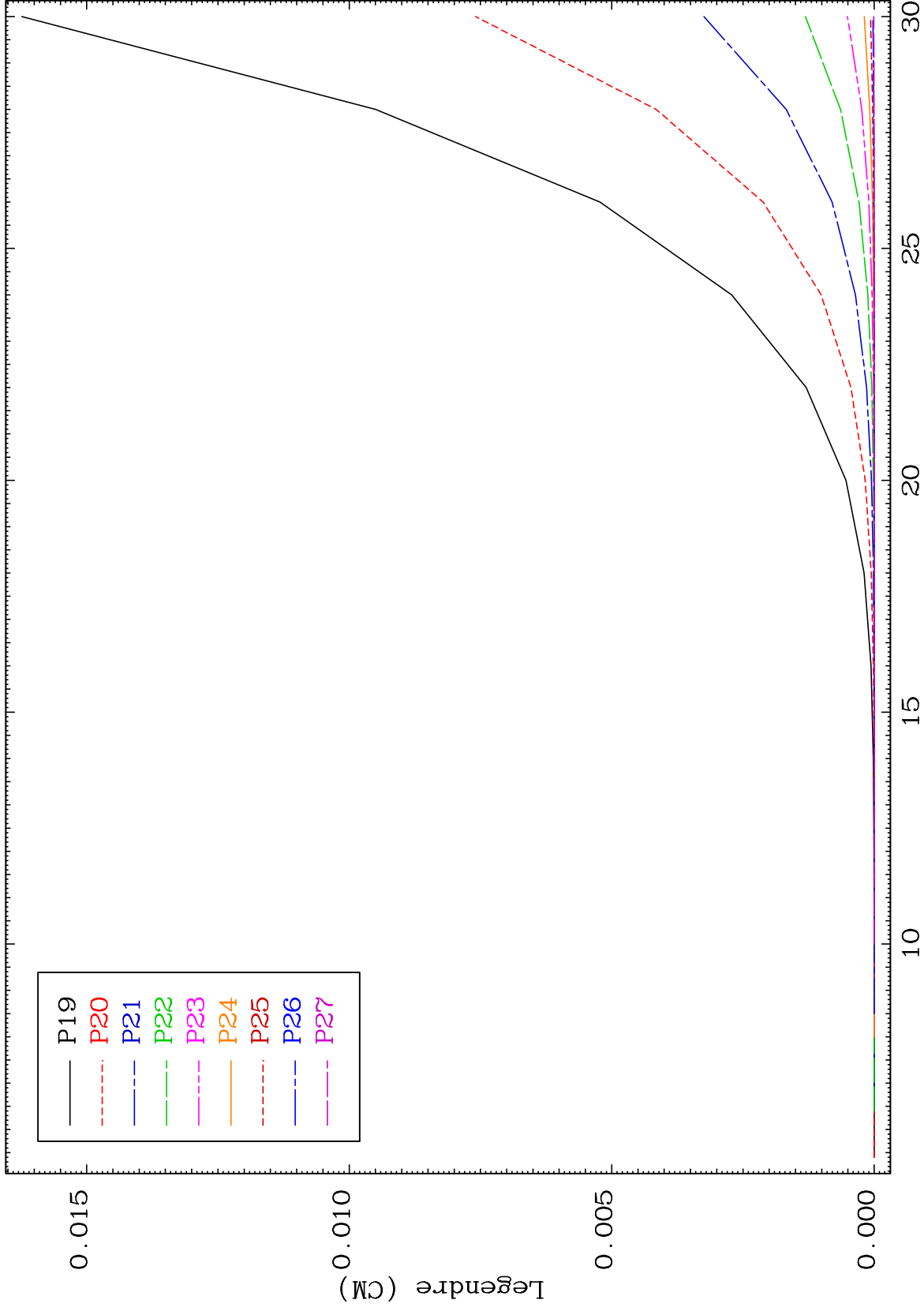




MAT 7165

Elastic Legendre Coefficients

72-Hf-154



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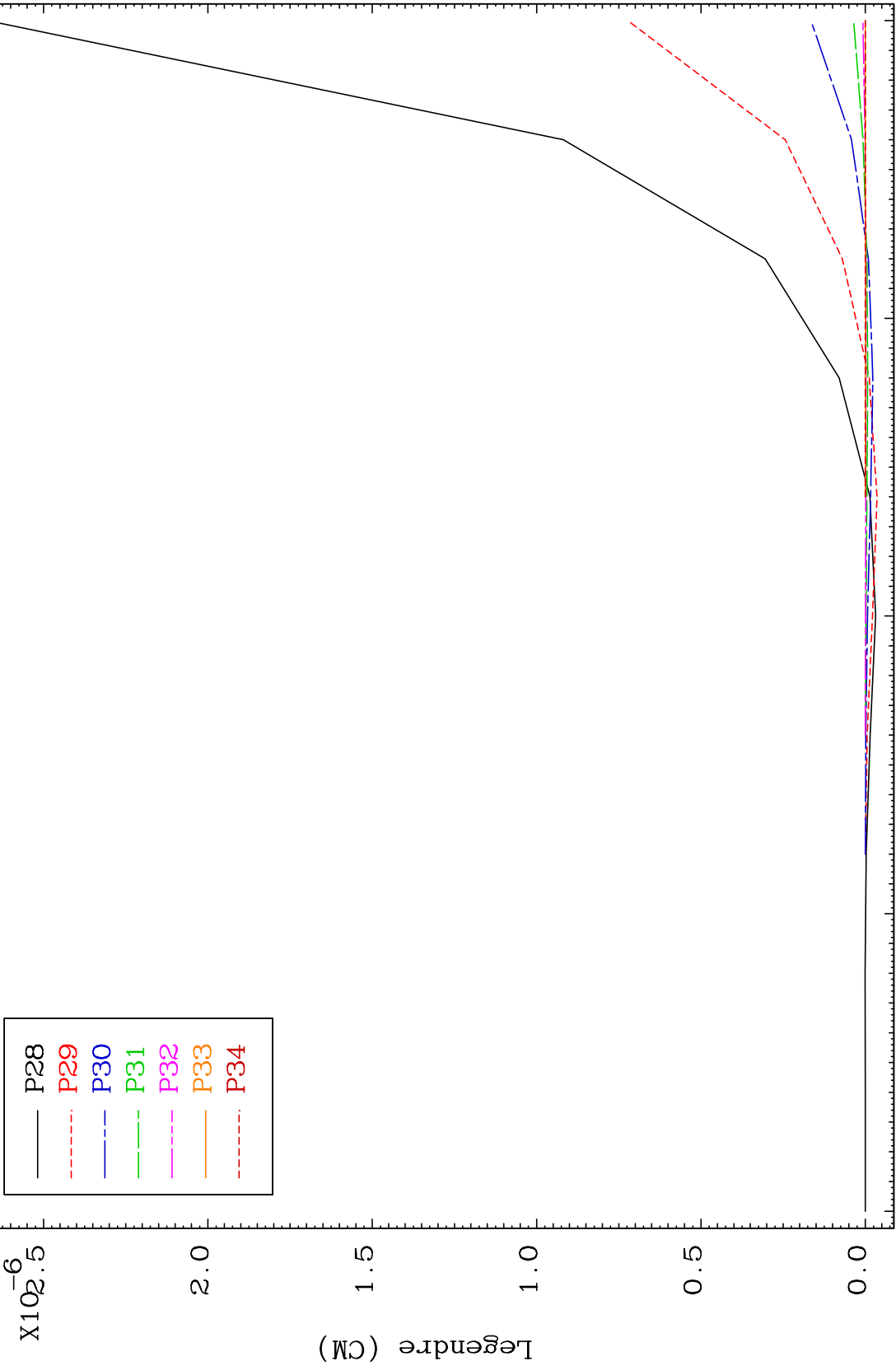
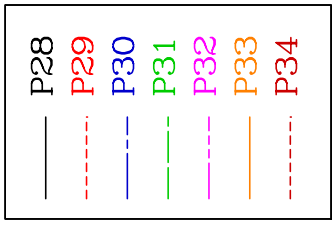
Incident Energy (MeV)

72-Hf-154

MAT 7165

Elastic Legendre Coefficients

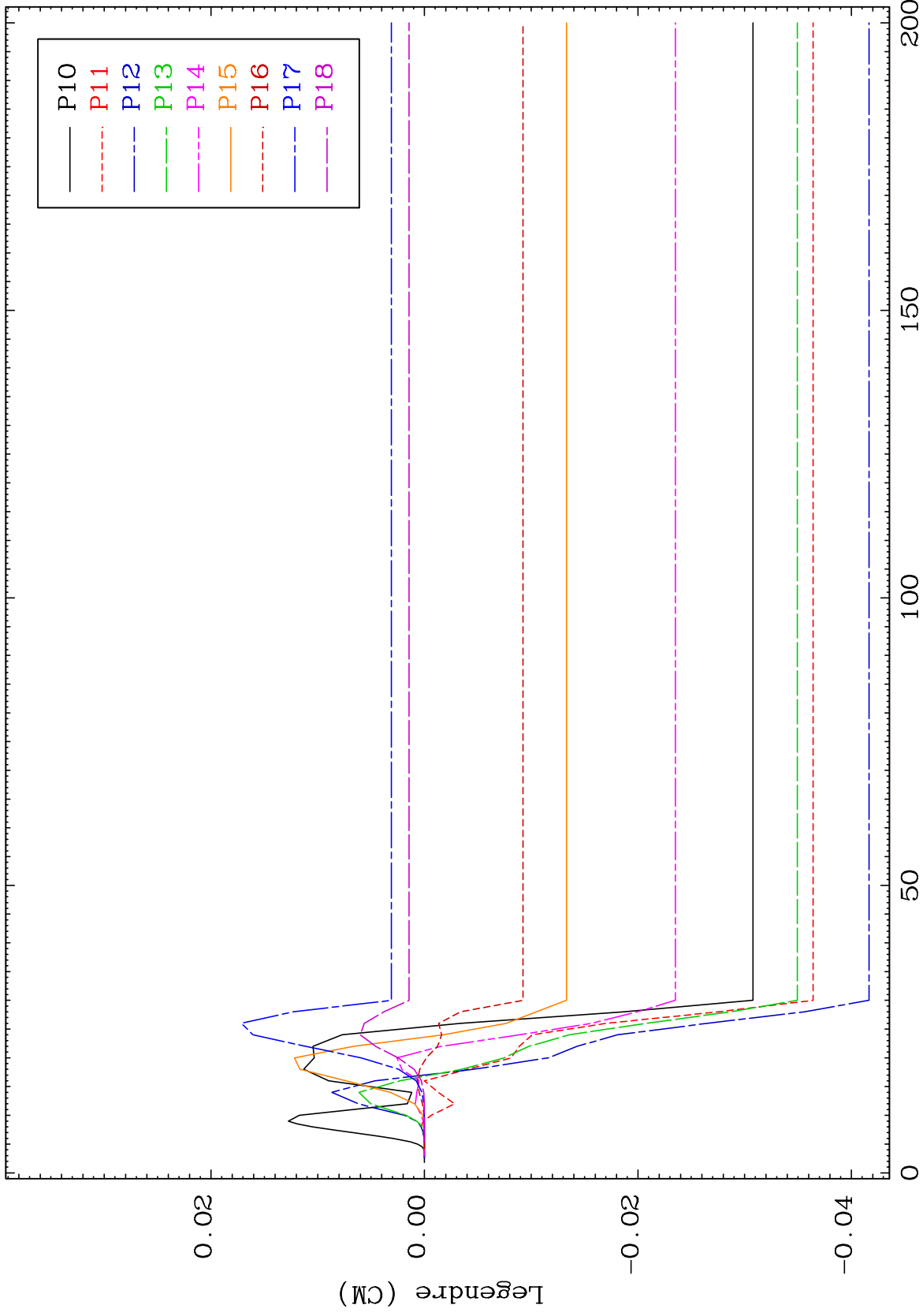
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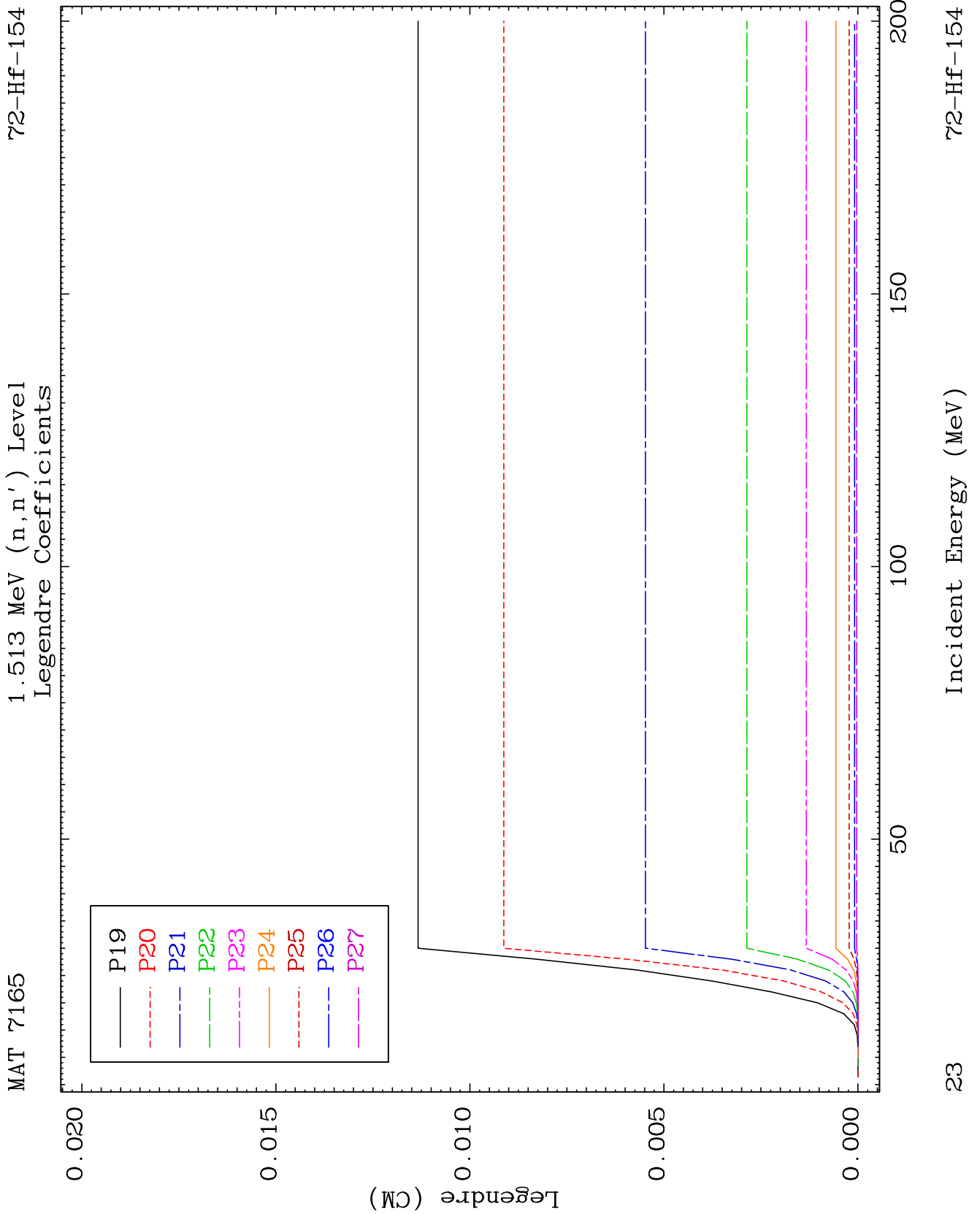


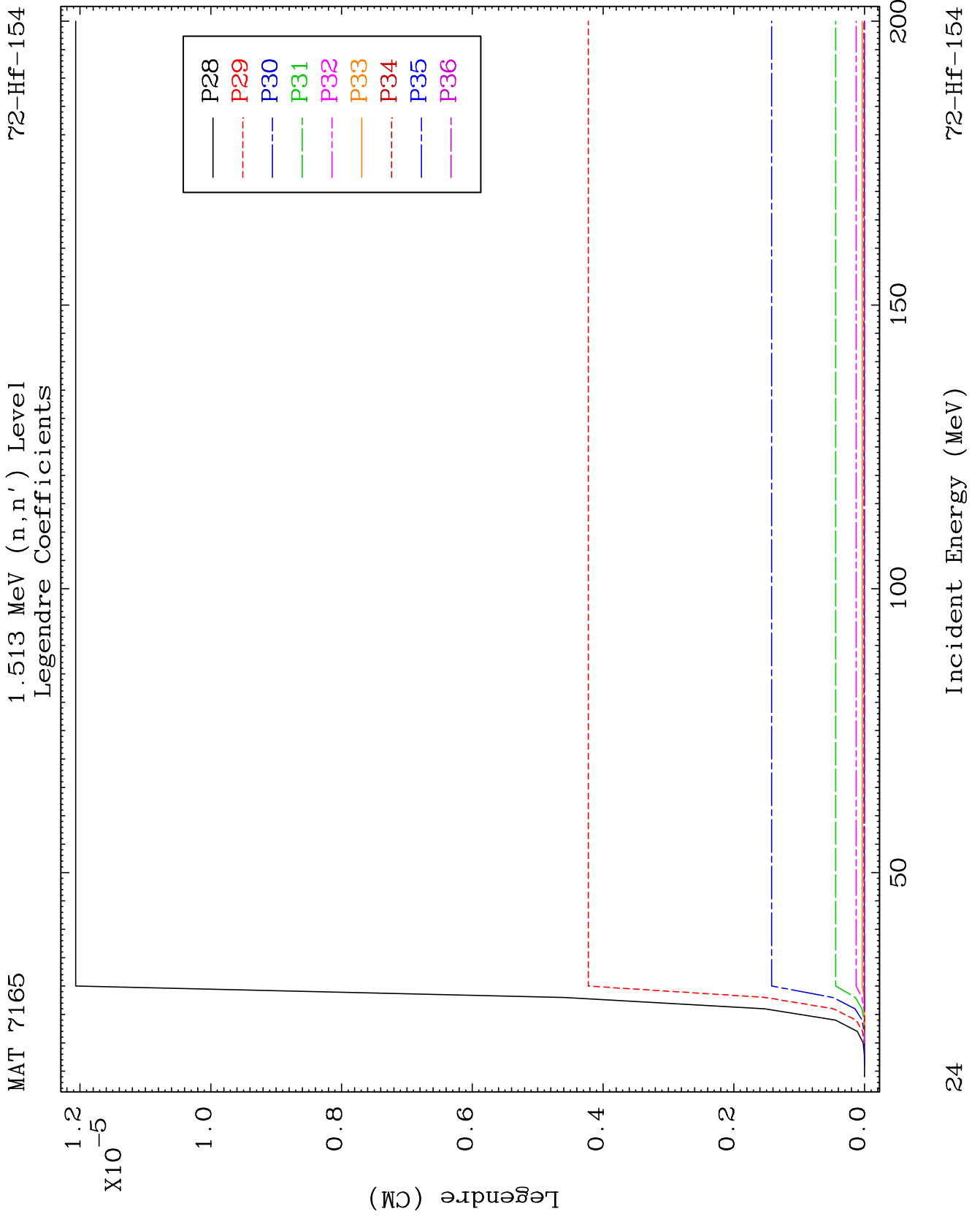
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Incident Energy (MeV)

72-Hf-154



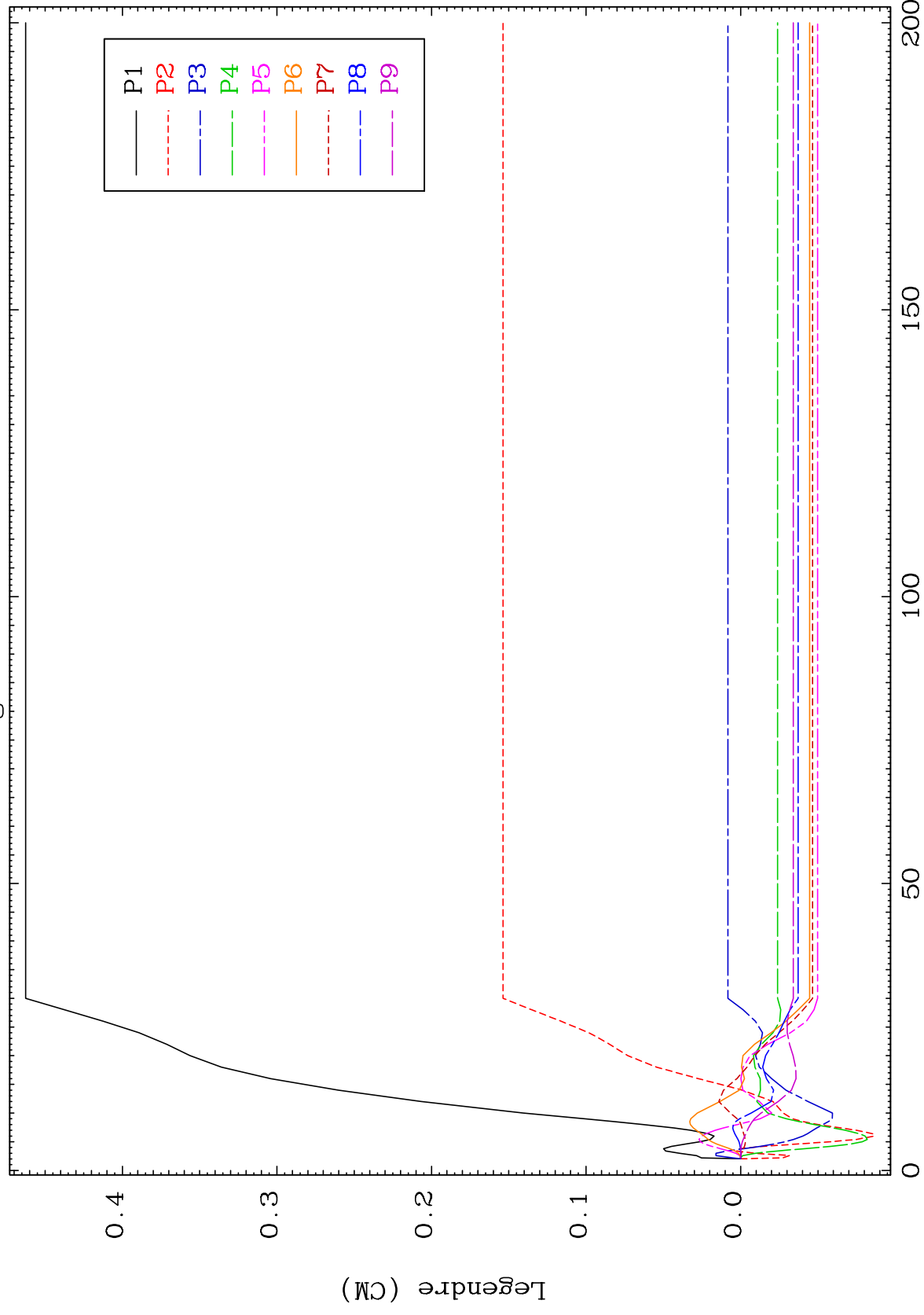




MAT 7165

2.011 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



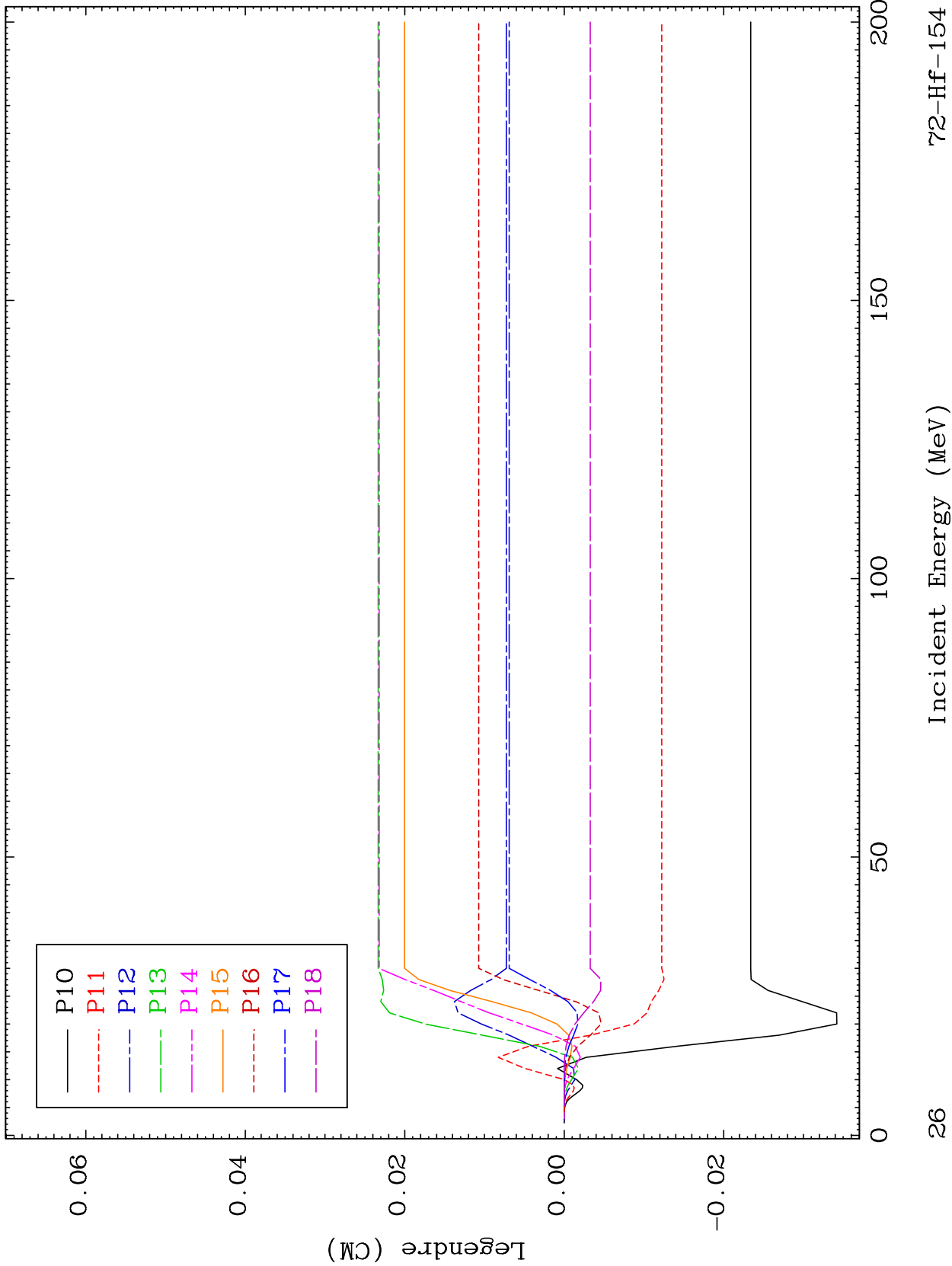
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.011 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



26

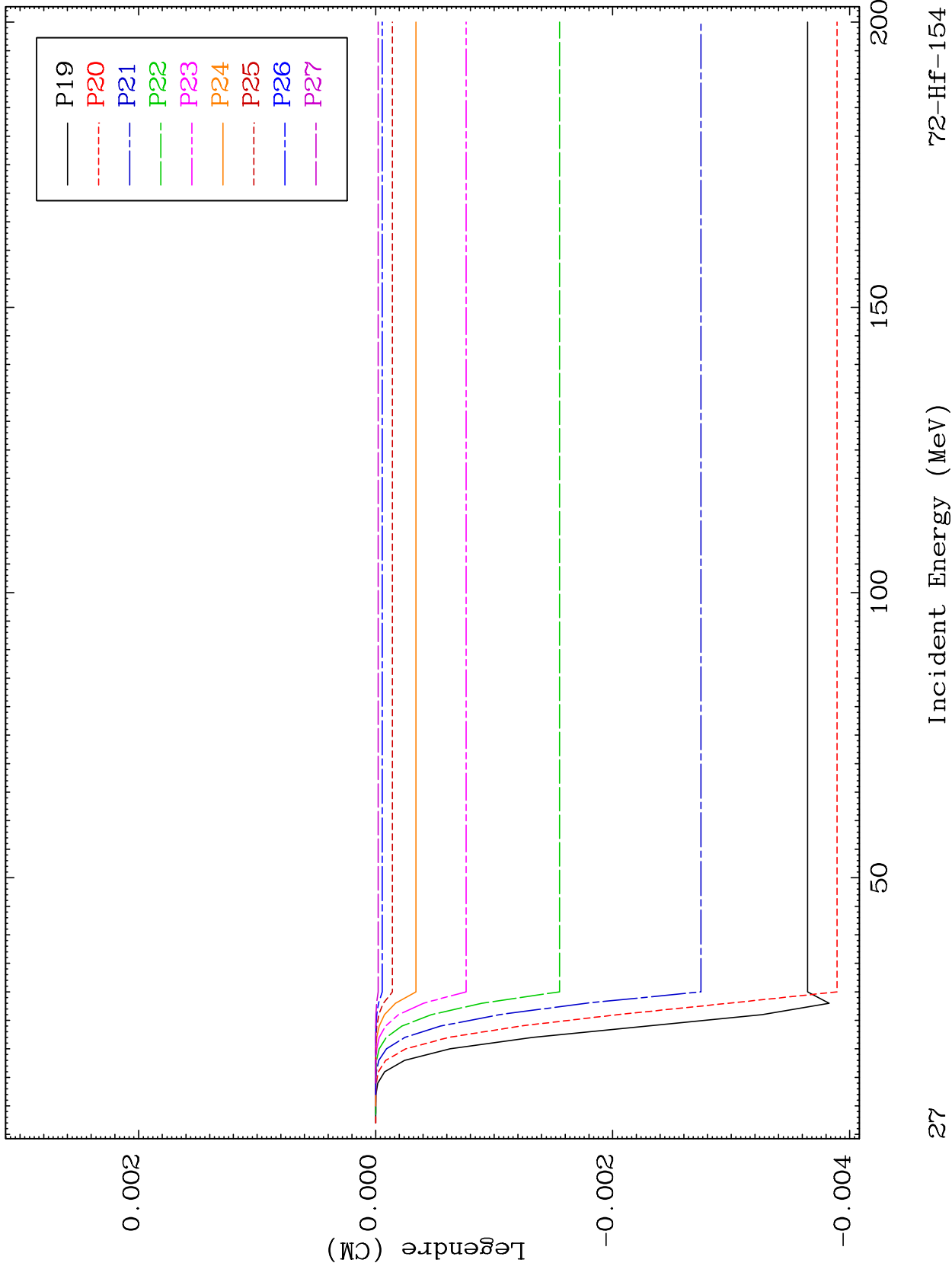
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.011 MeV (n,n') Level
Legendre Coefficients

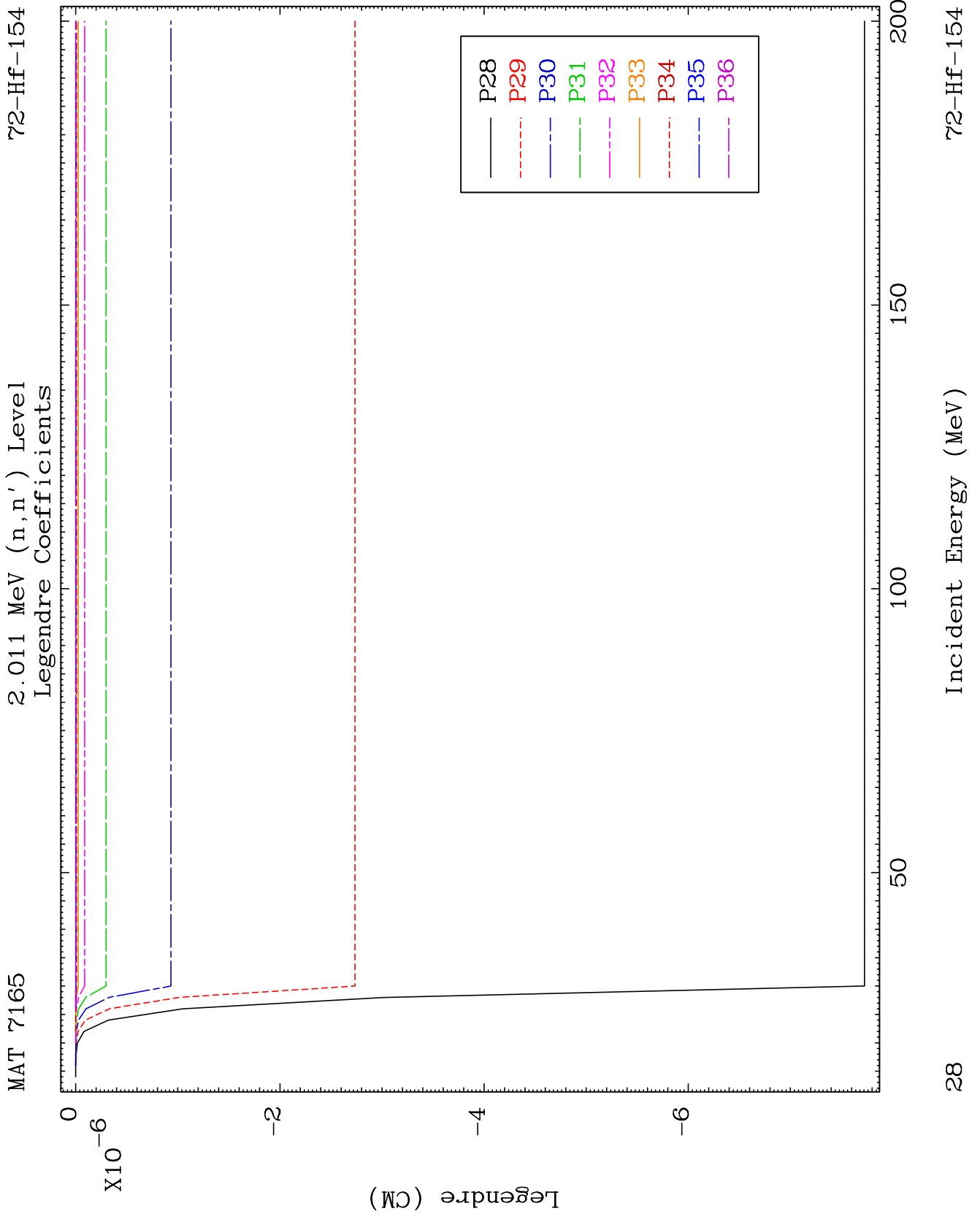
72-Hf-154



27

Incident Energy (MeV)

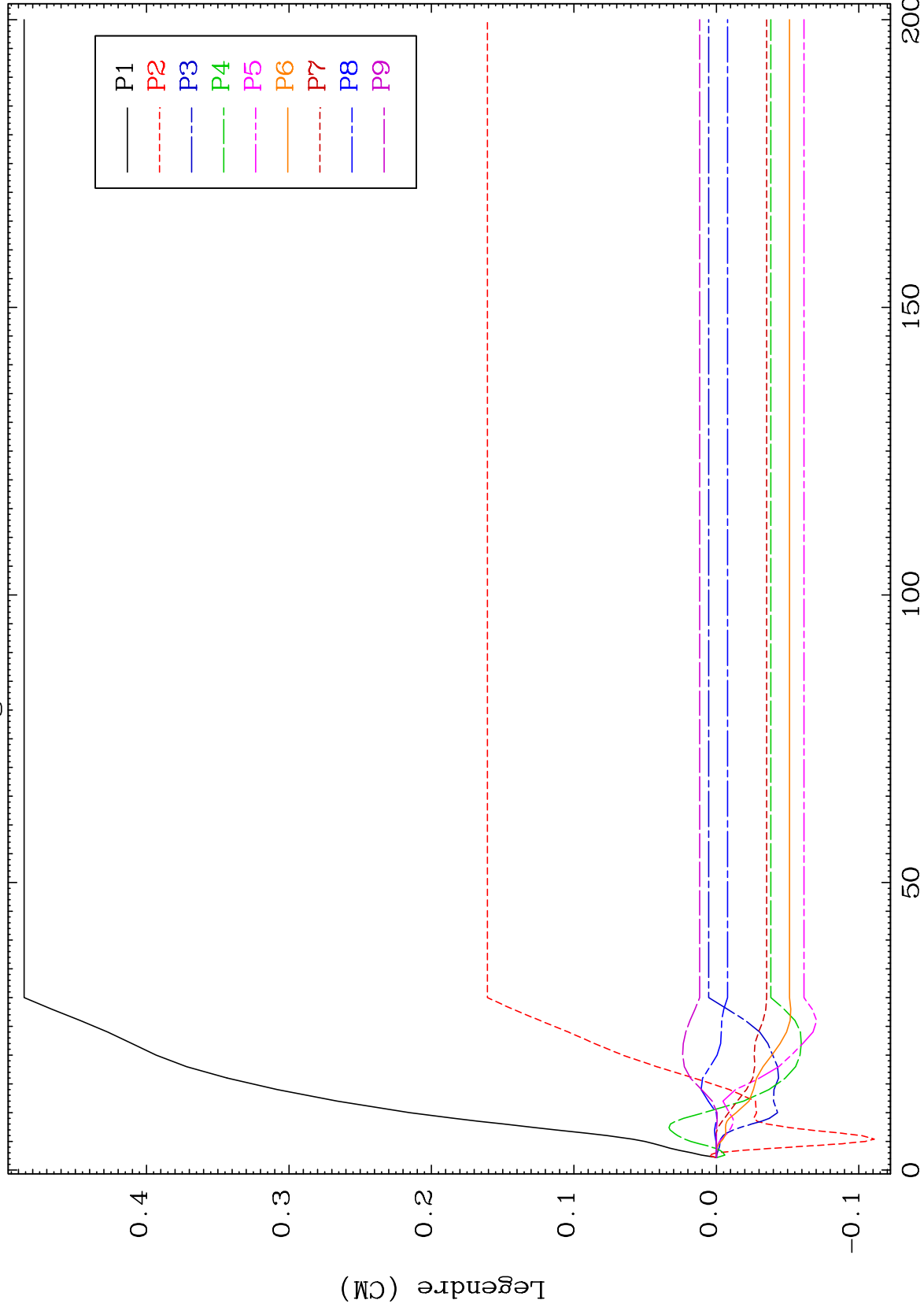
72-Hf-154



MAT 7165

2.146 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



29

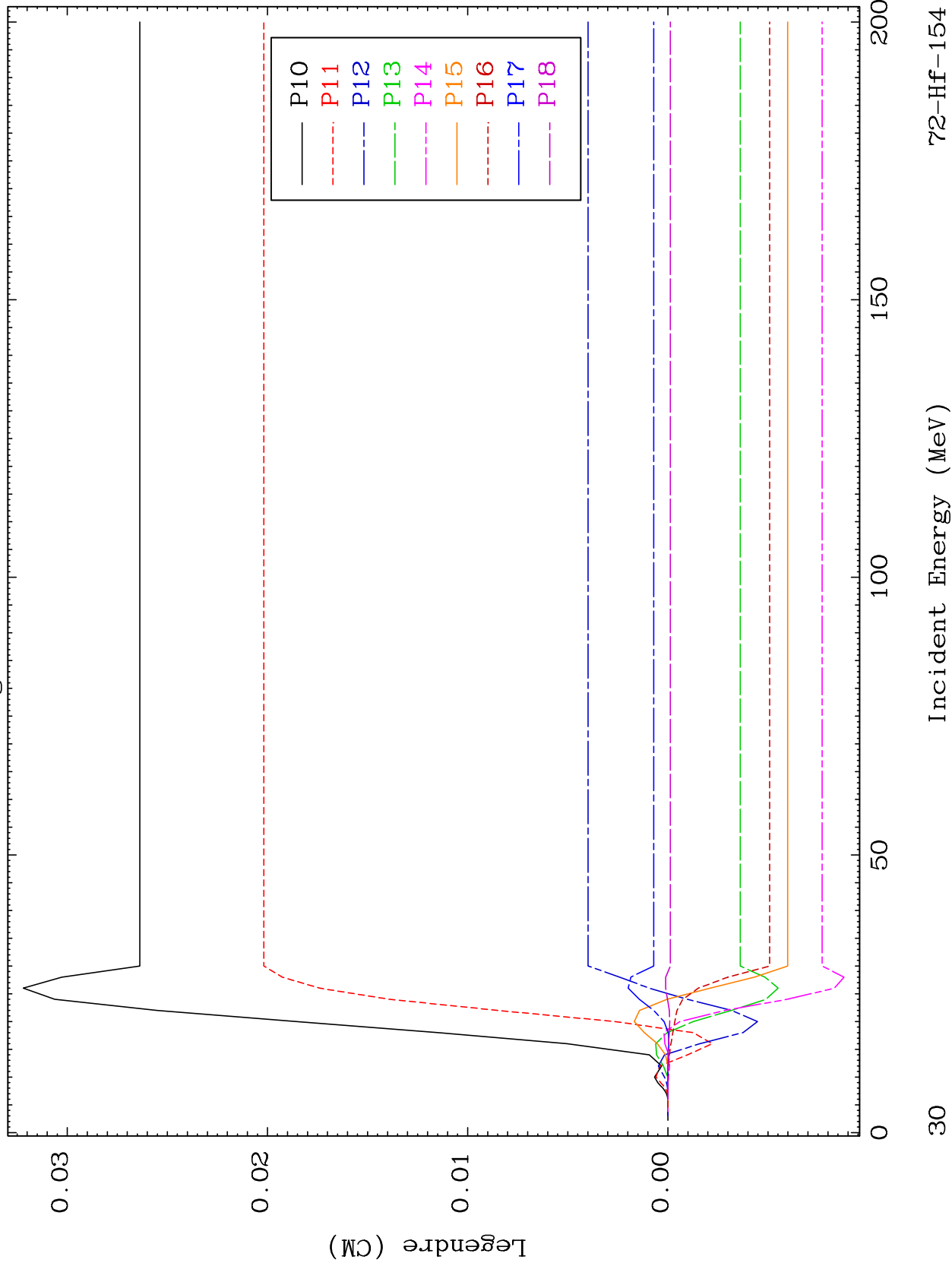
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.146 MeV (n,n') Level
Legendre Coefficients

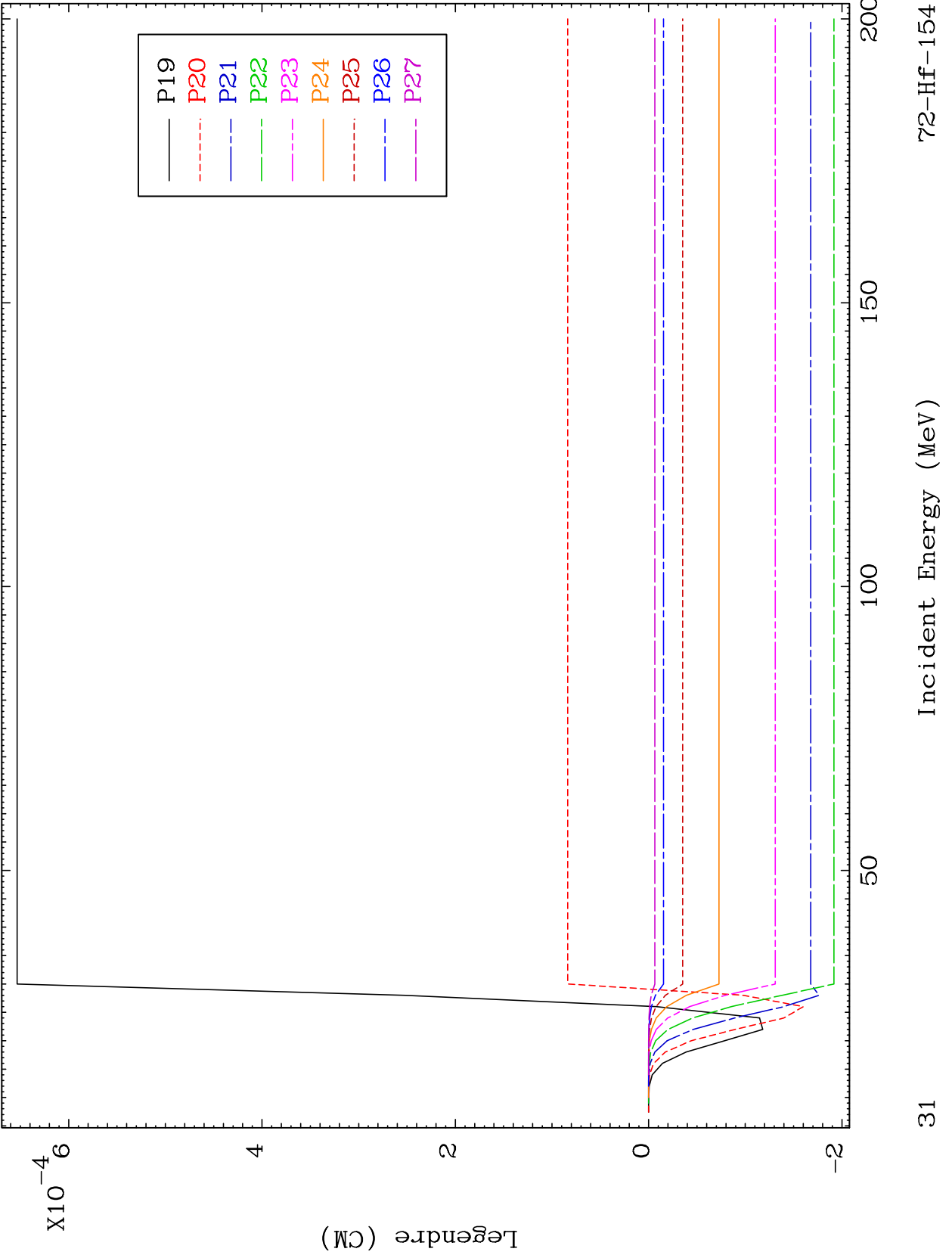
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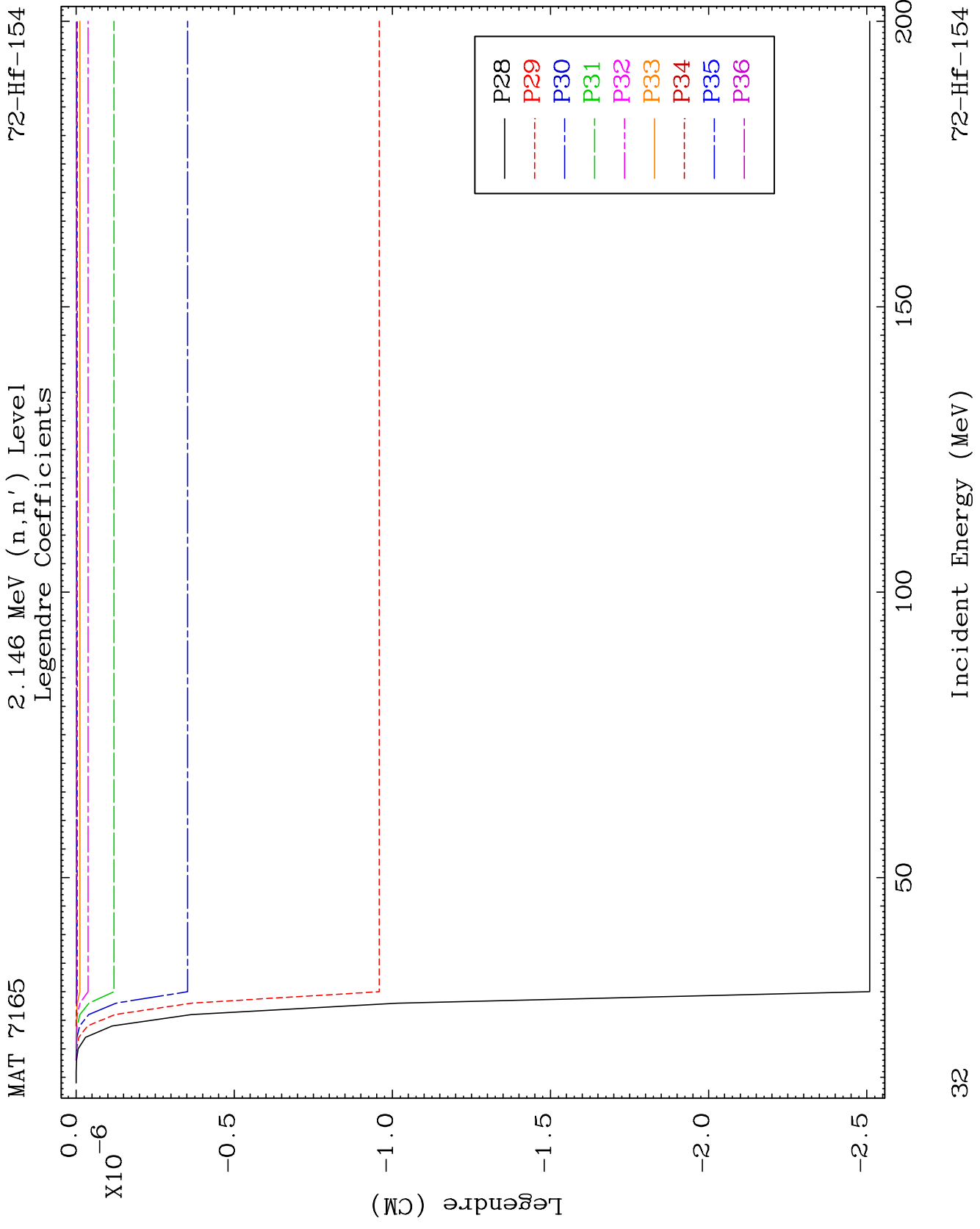


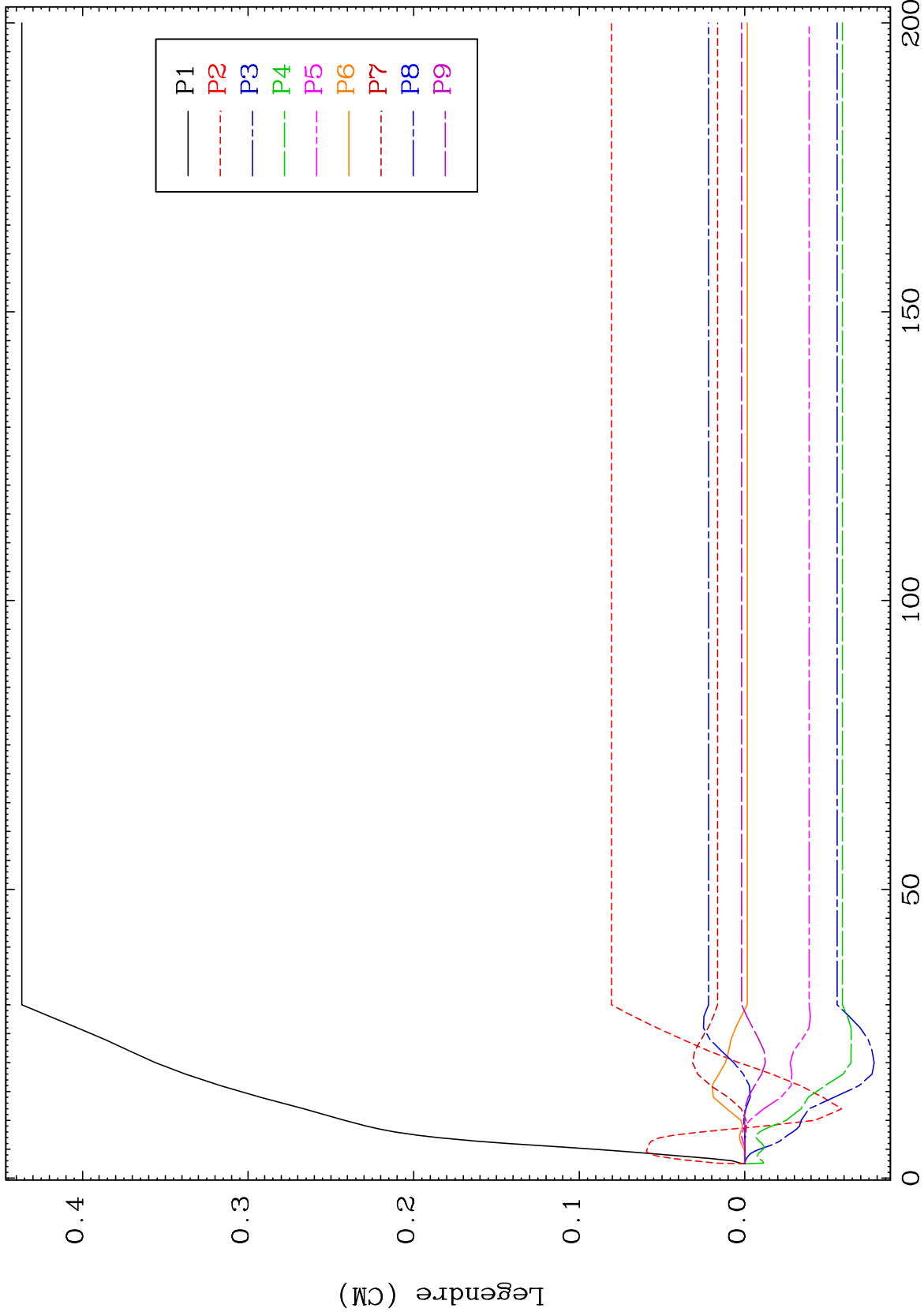
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Incident Energy (MeV)

30



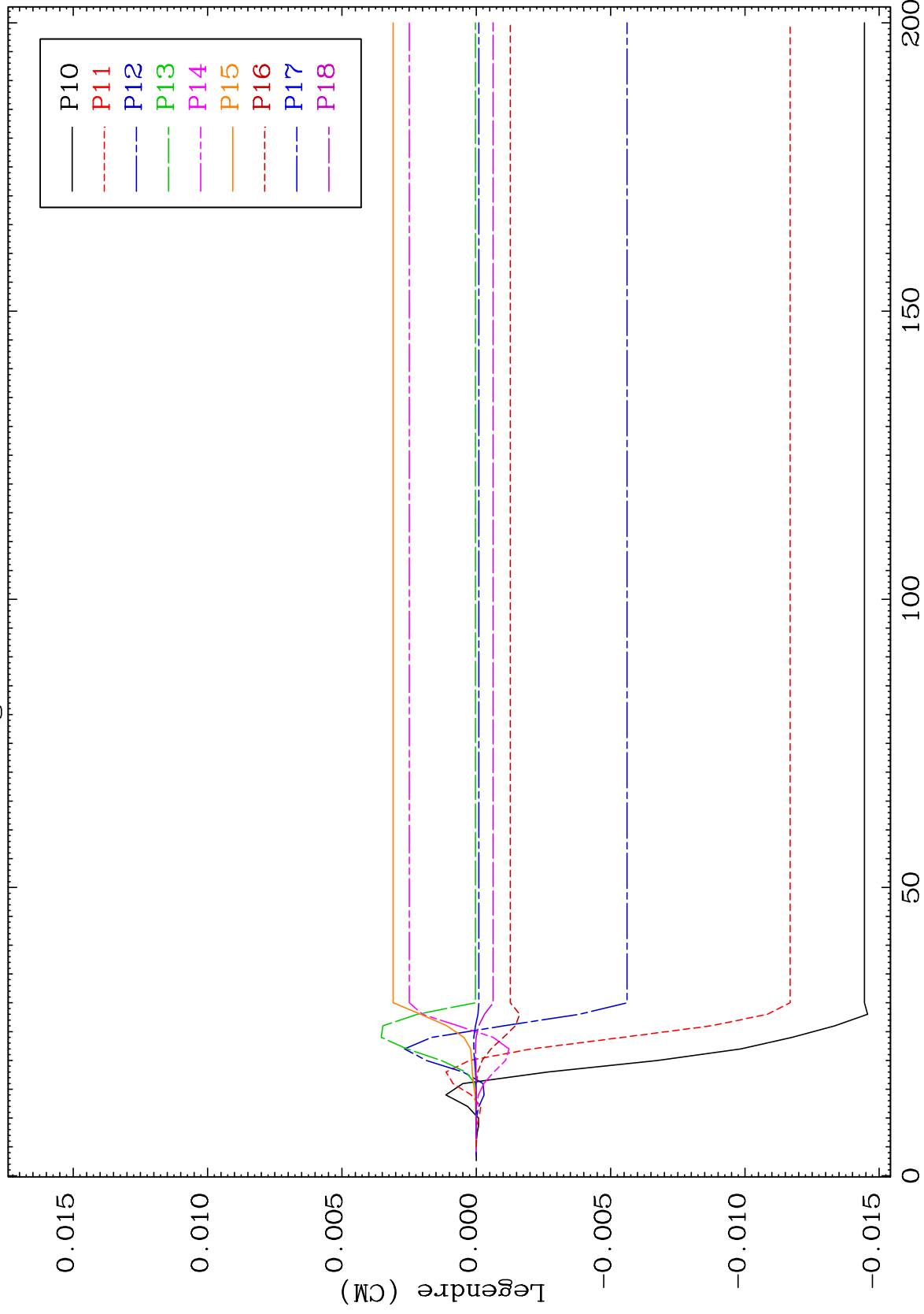




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2.457 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



34

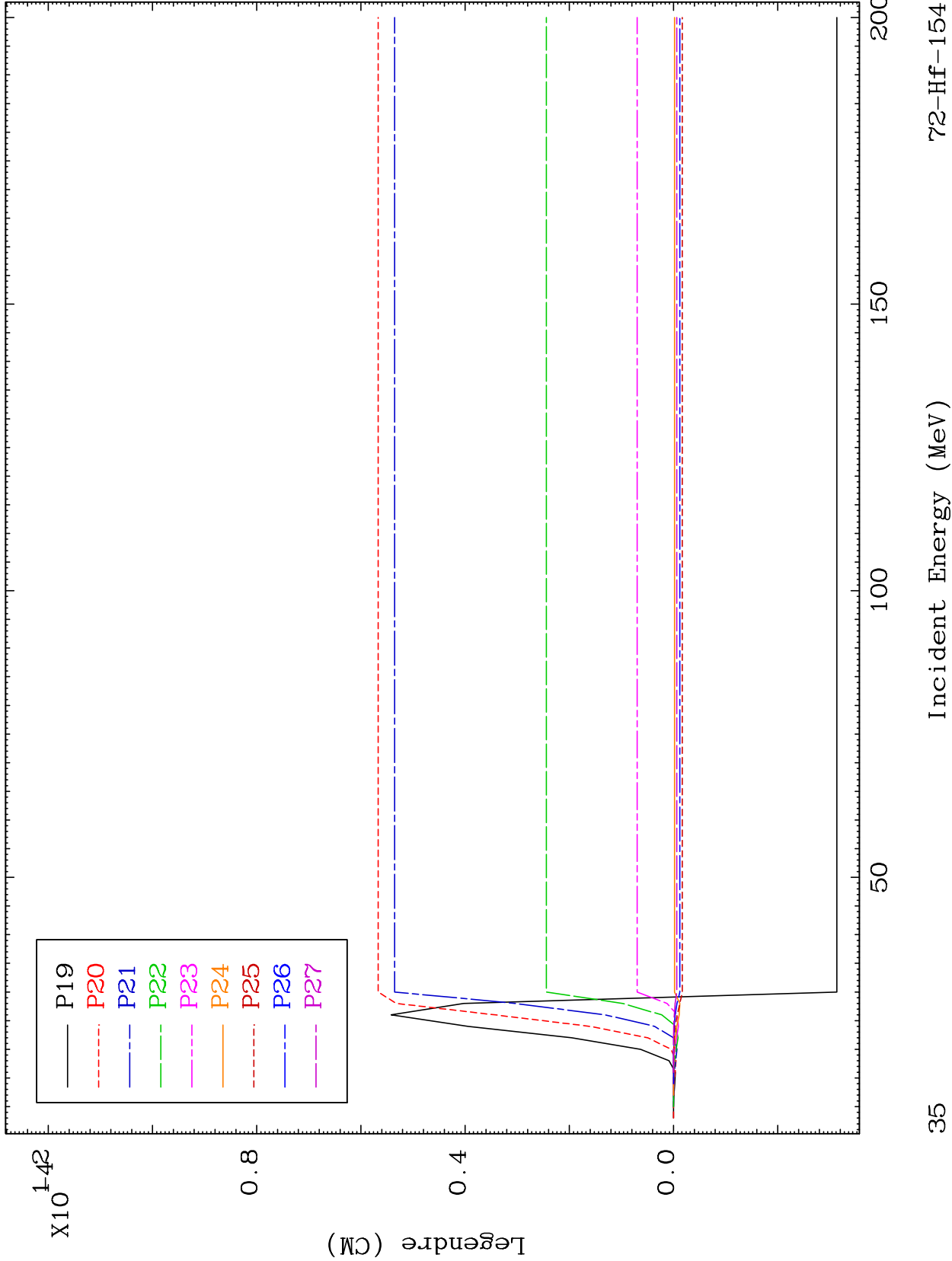
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.457 MeV (n, n') Level
Legendre Coefficients

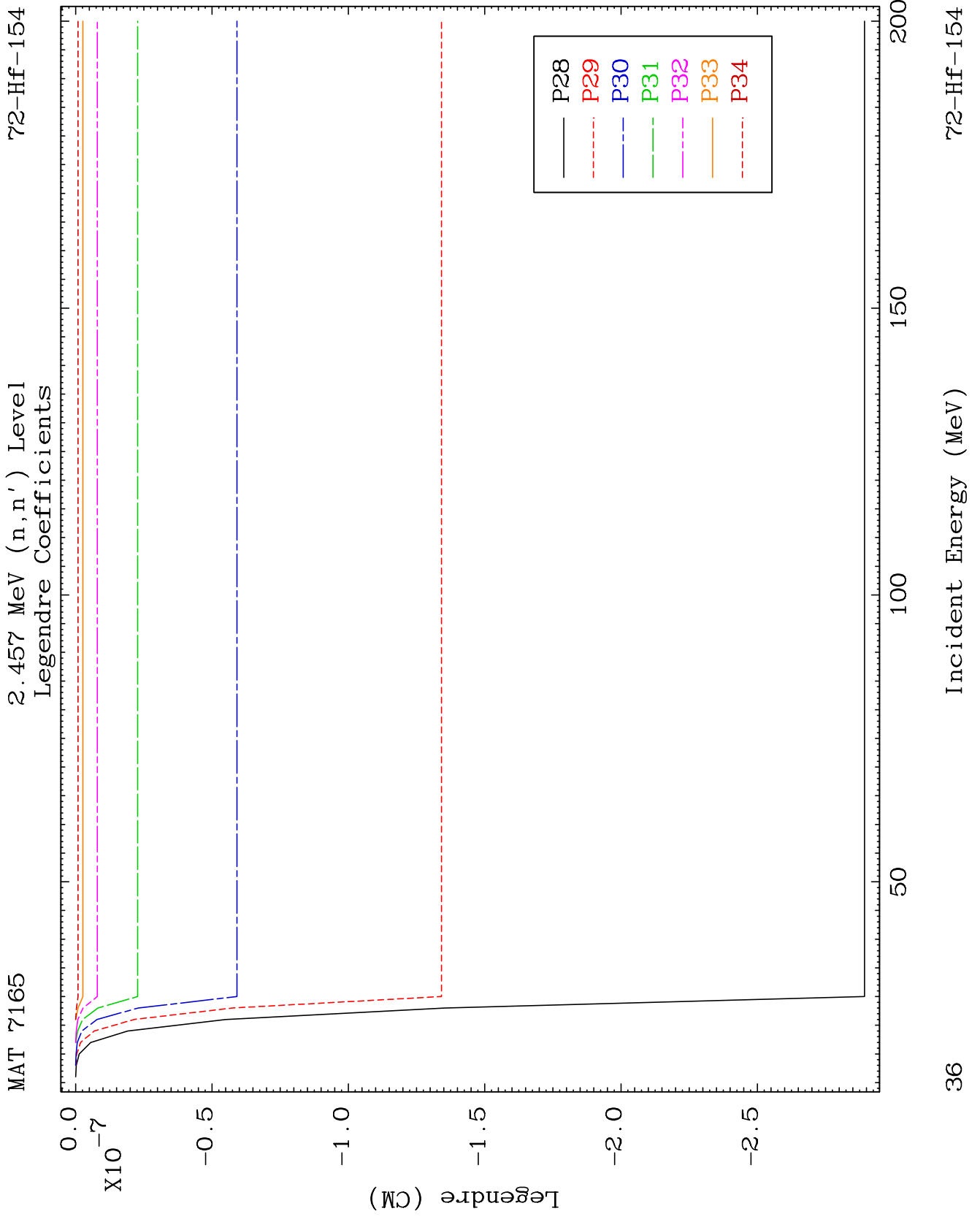
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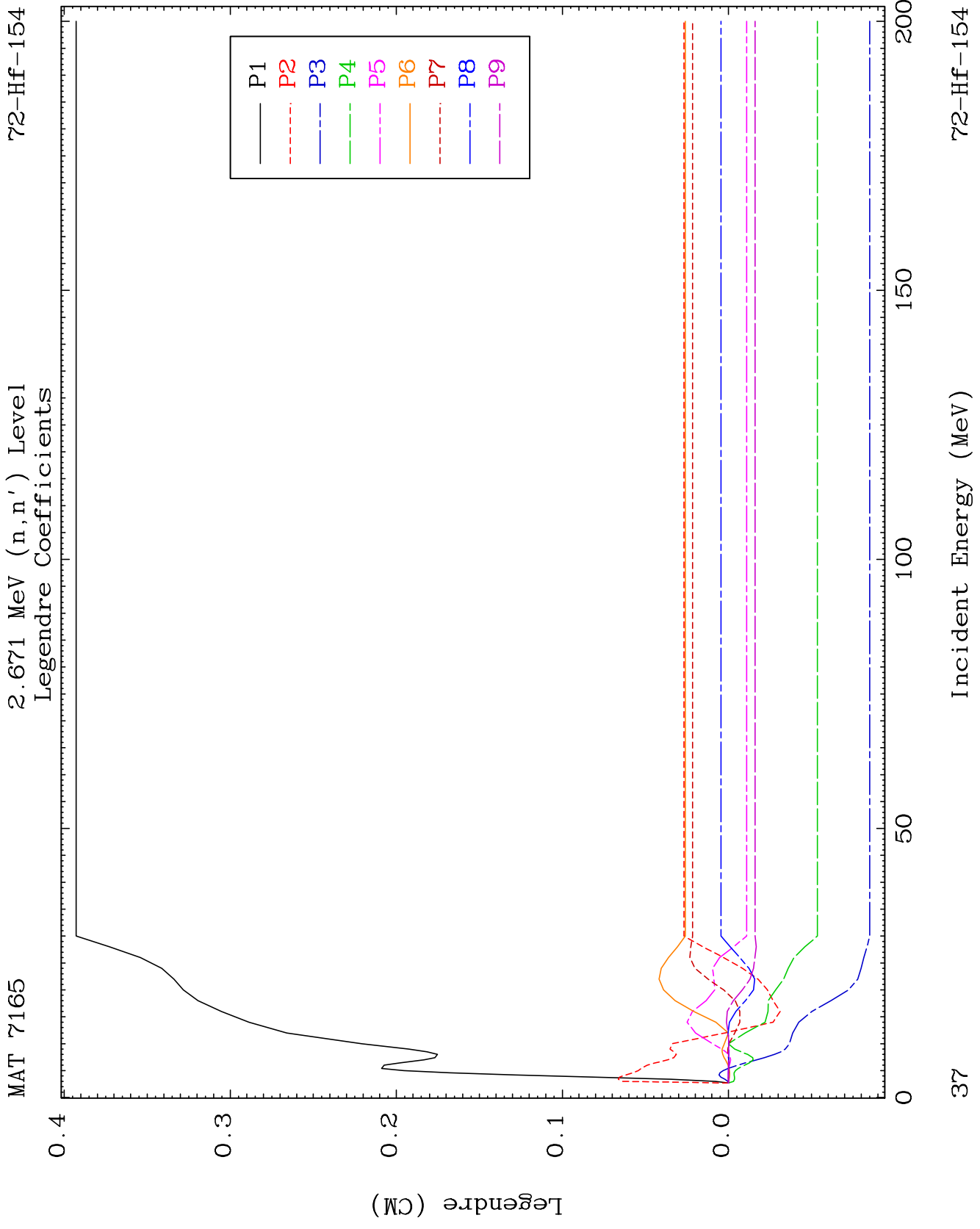


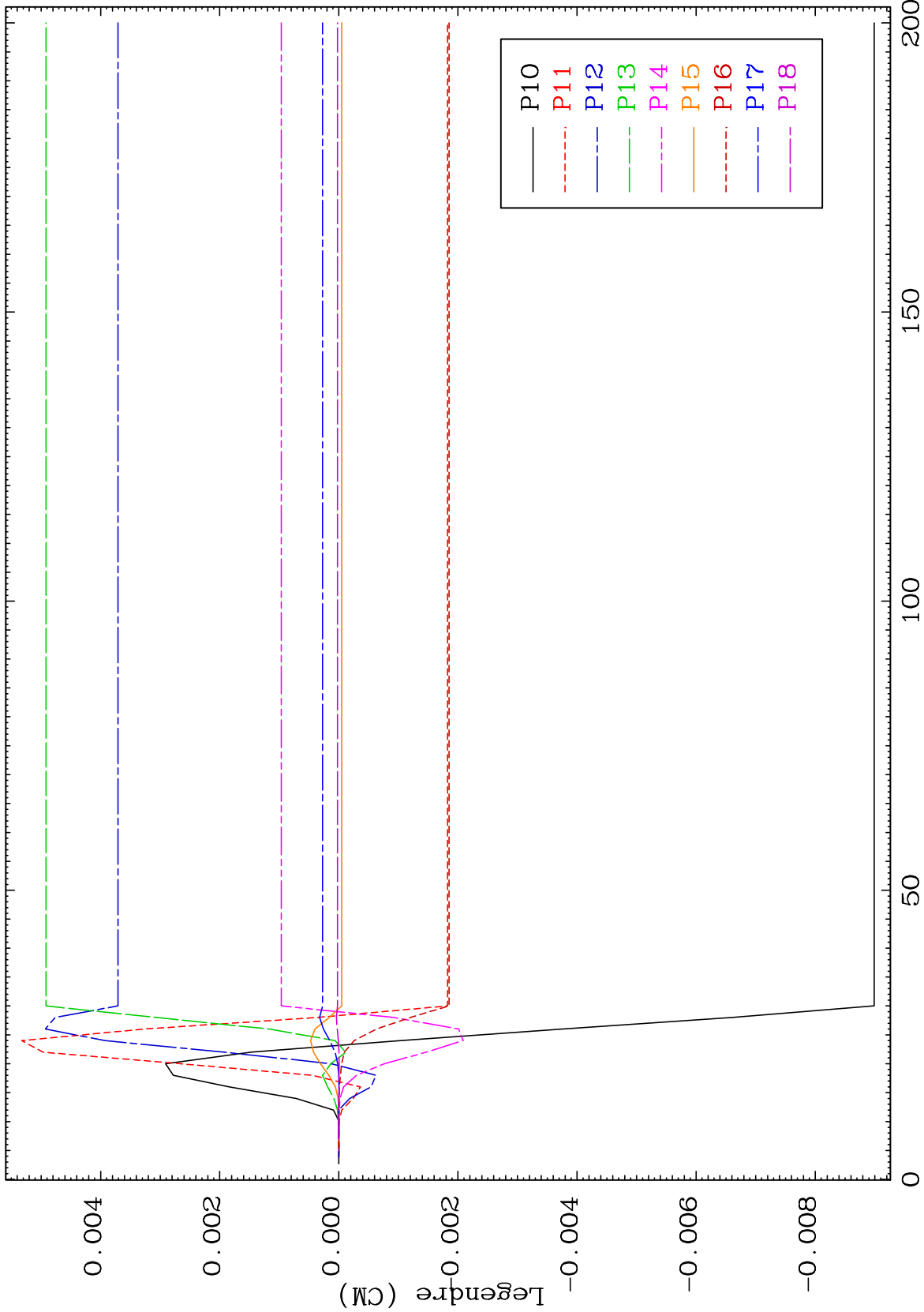
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Incident Energy (MeV)

72-Hf-154



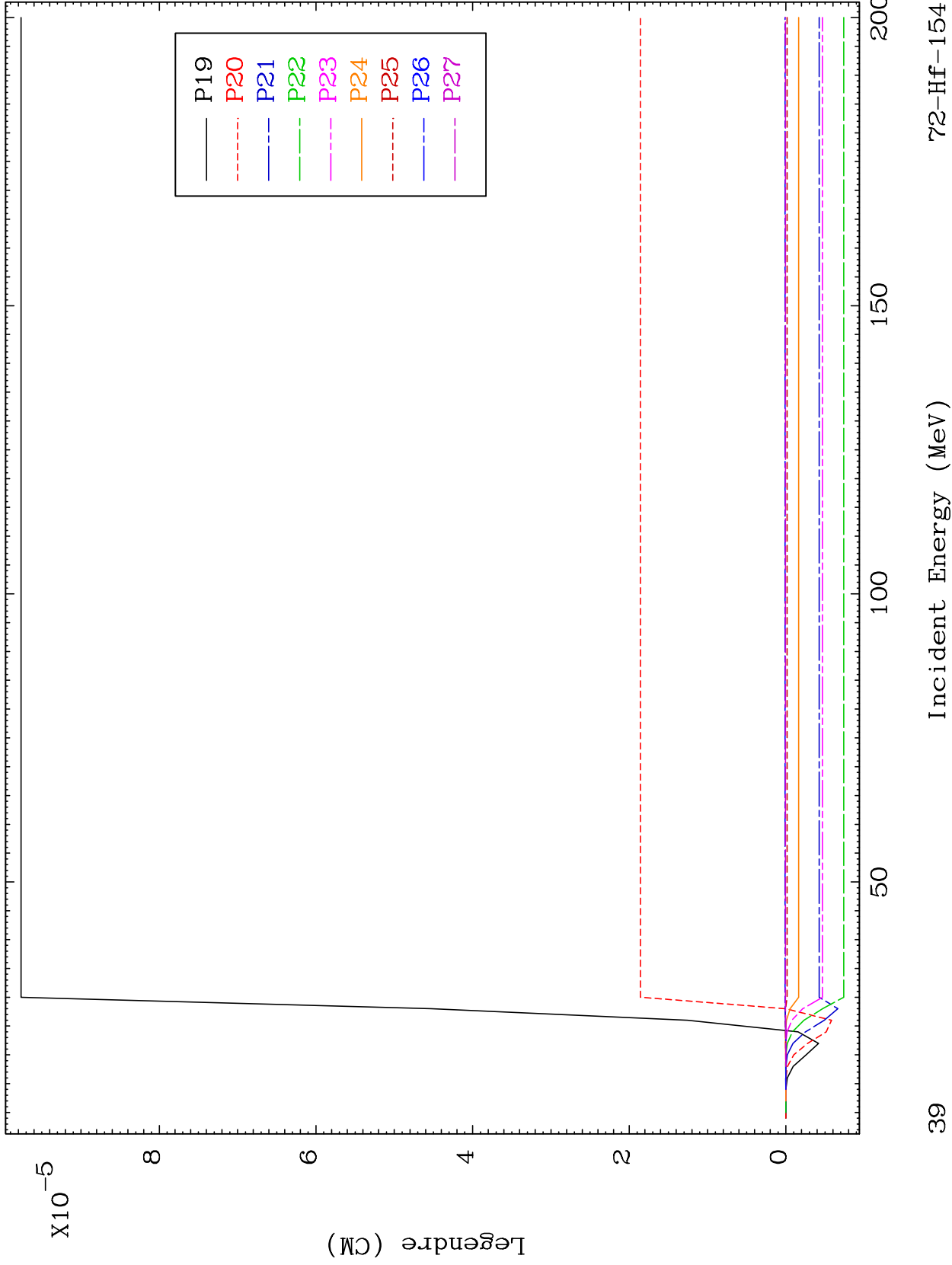




MAT 7165

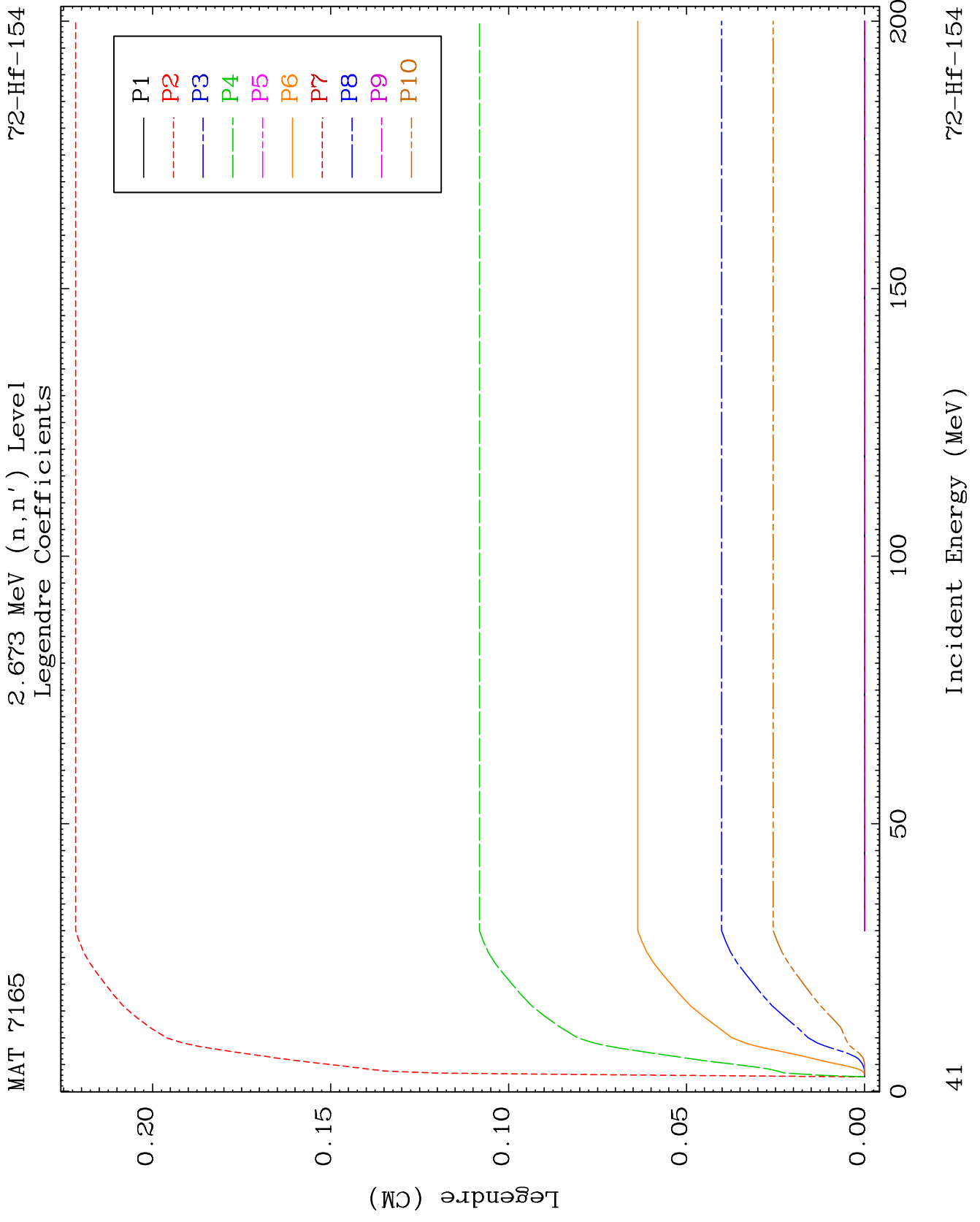
2.671 MeV (n,n') Level
Legendre Coefficients

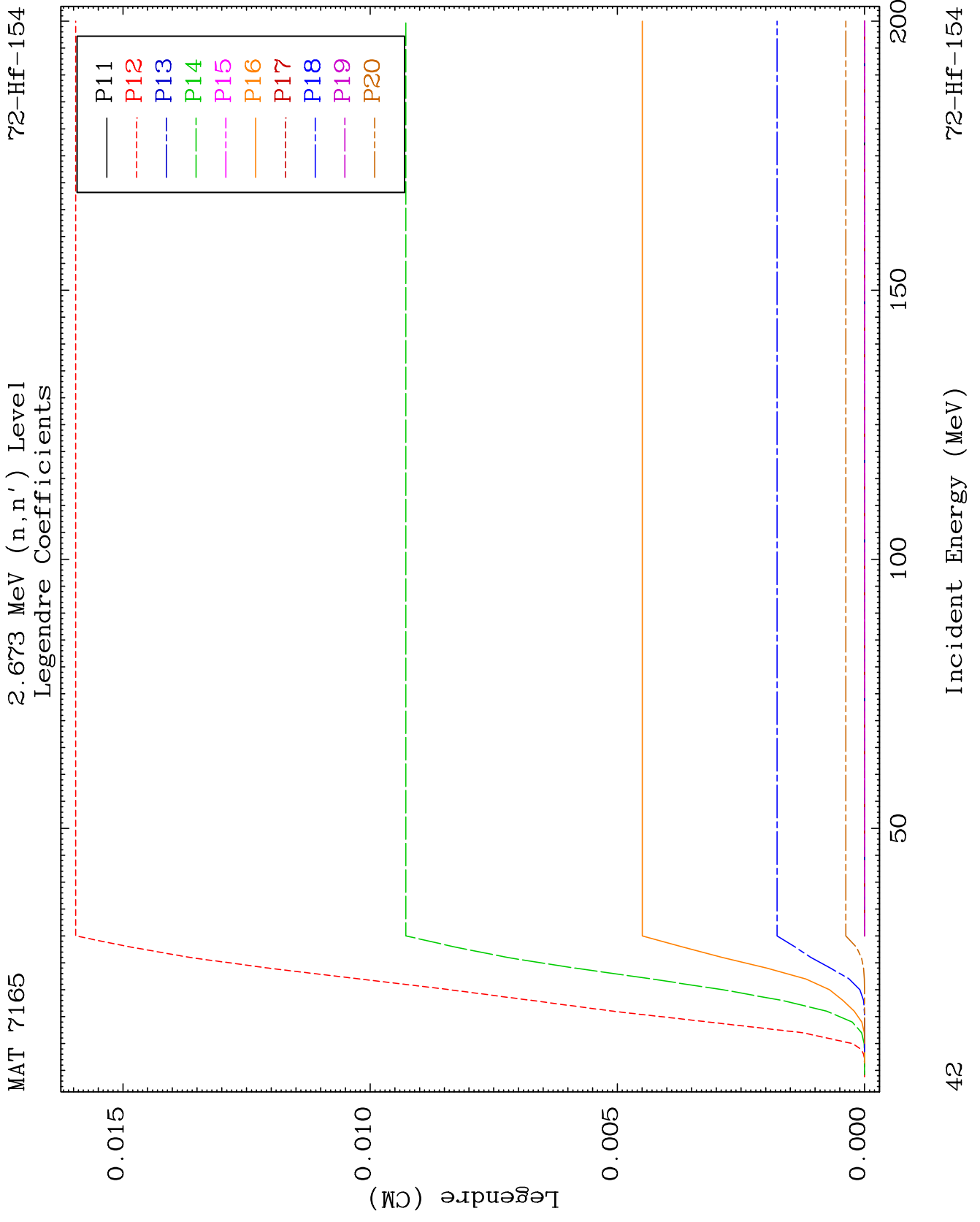
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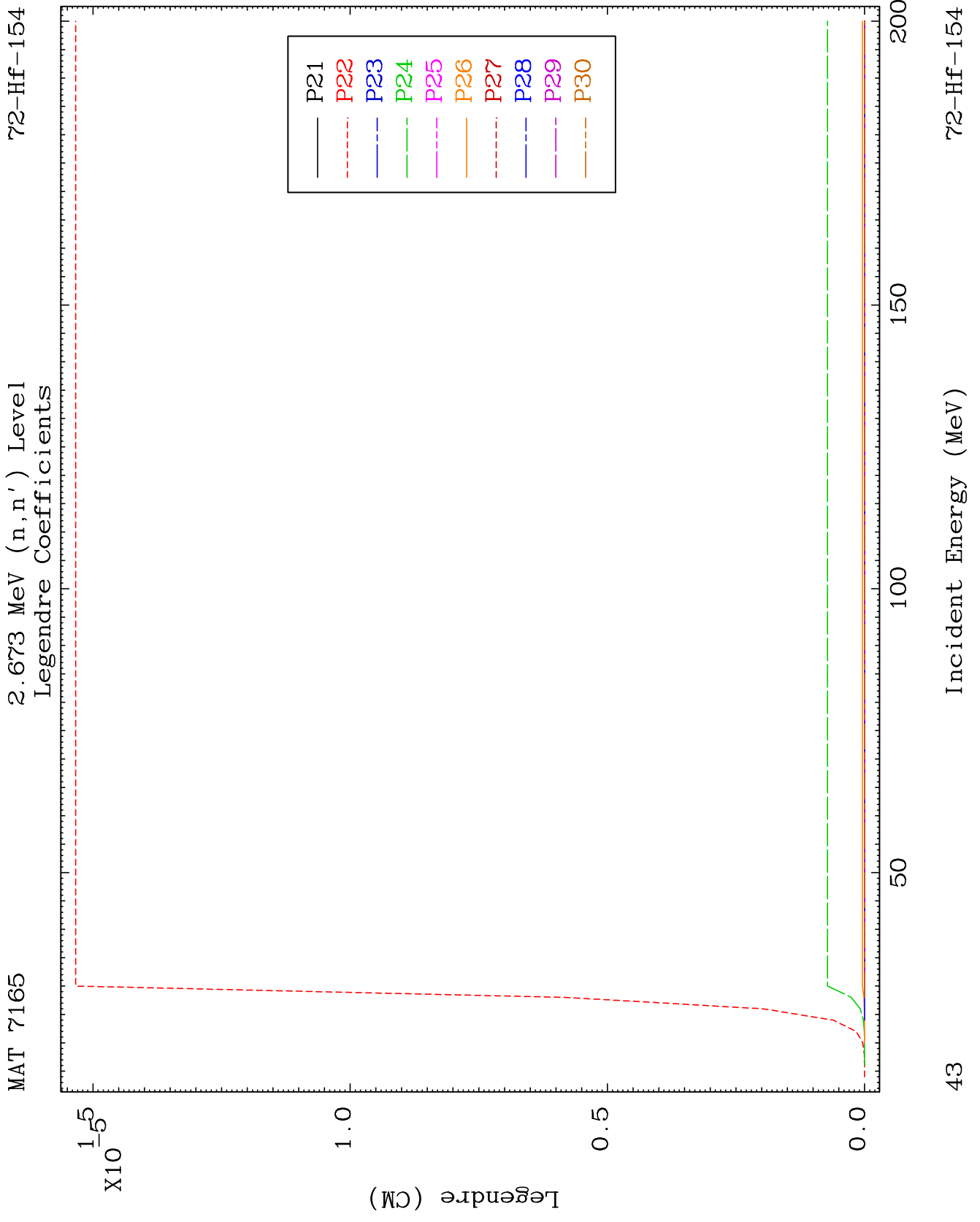


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72-Hf-154



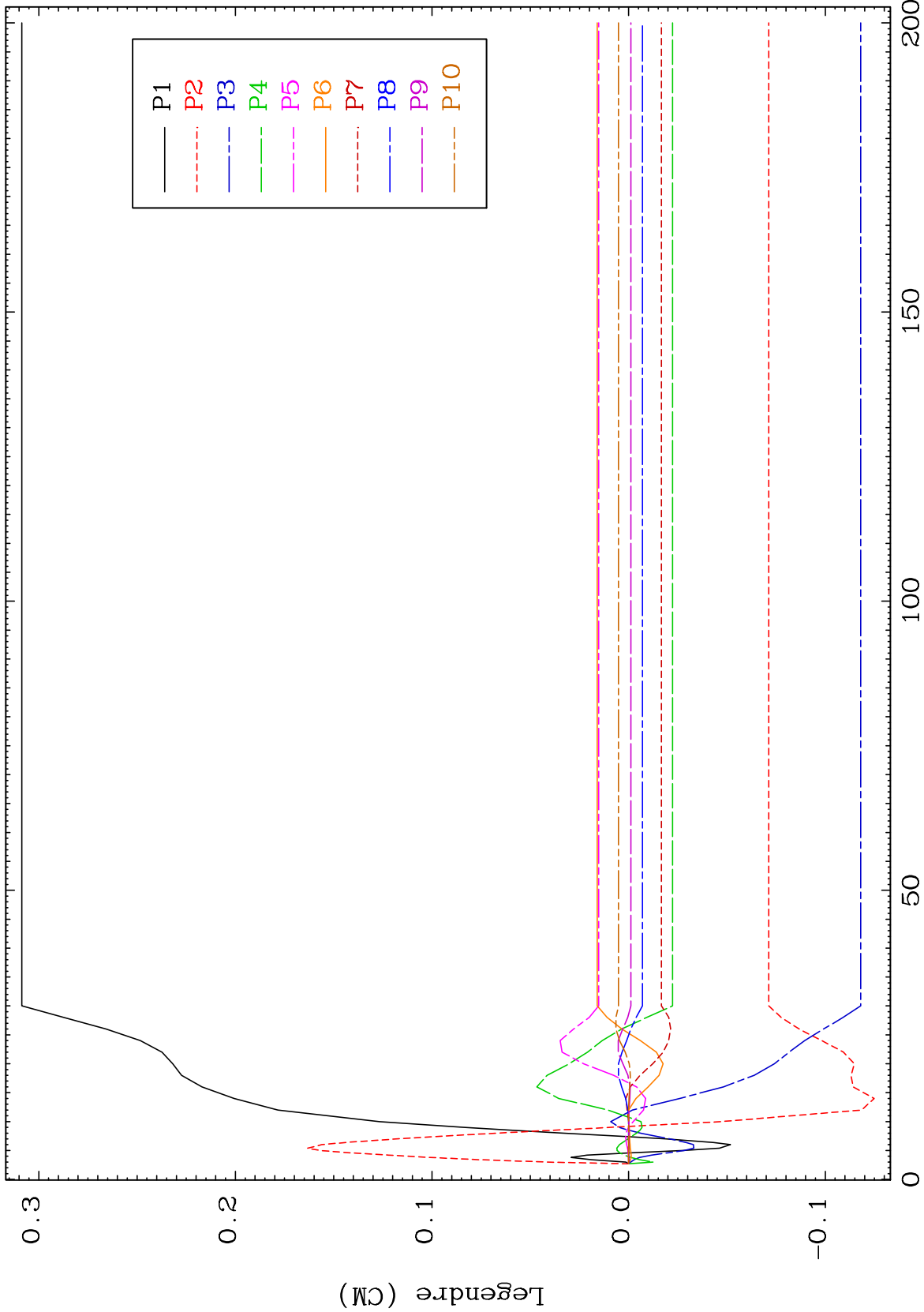




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2.675 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



44

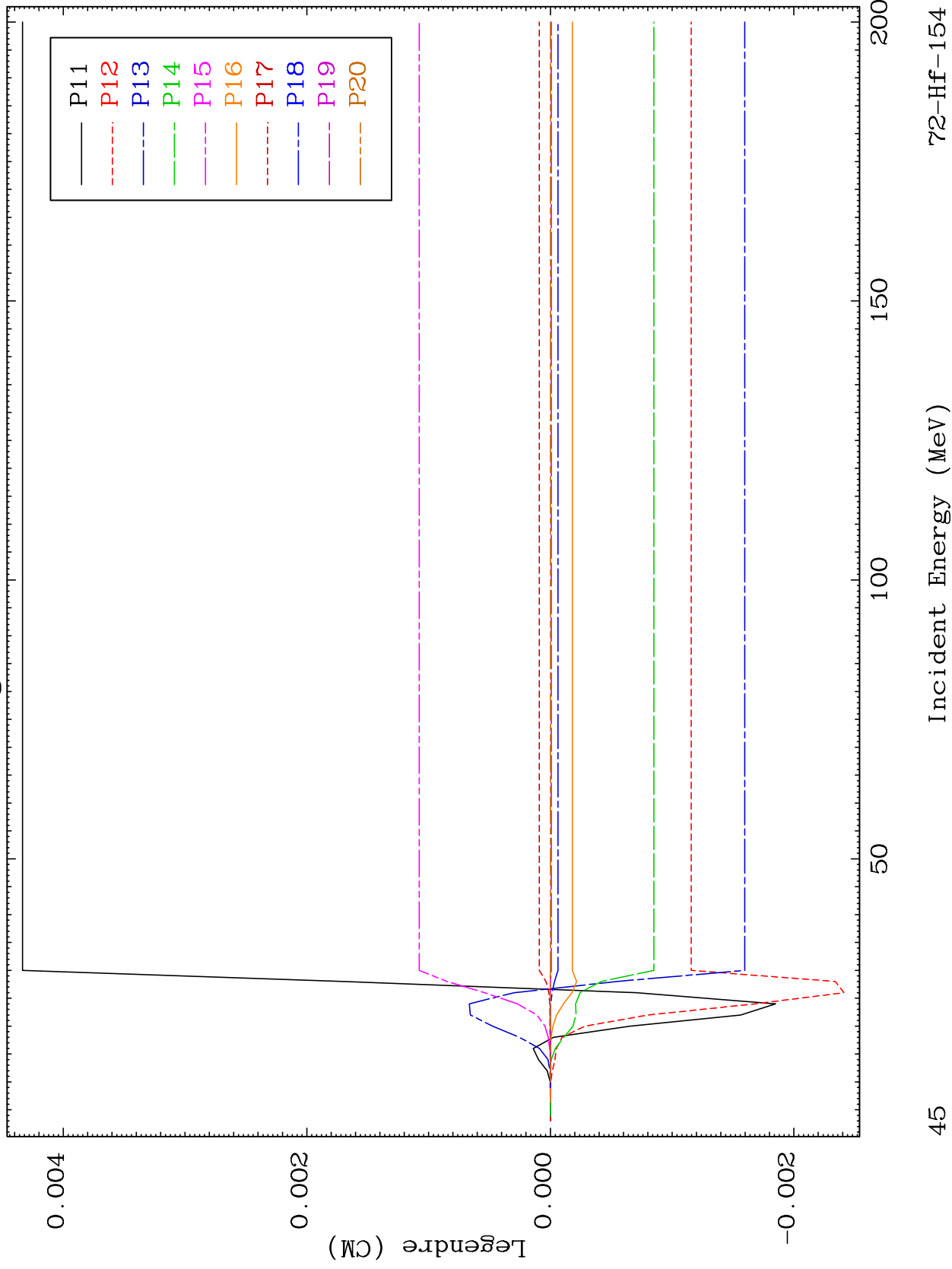
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.675 MeV (n,n') Level
Legendre Coefficients

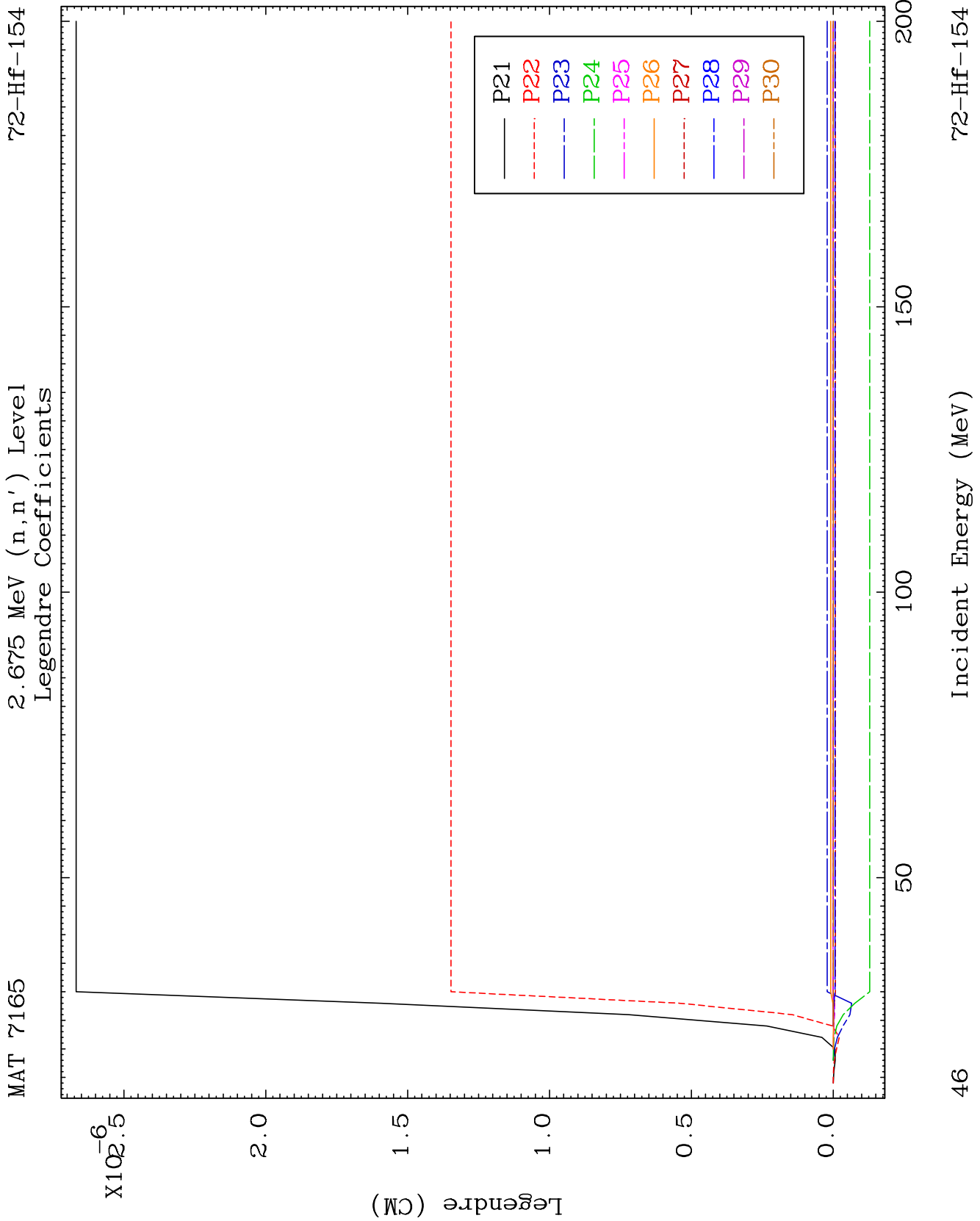
72-Hf-154



72-Hf-154

Incident Energy (MeV)

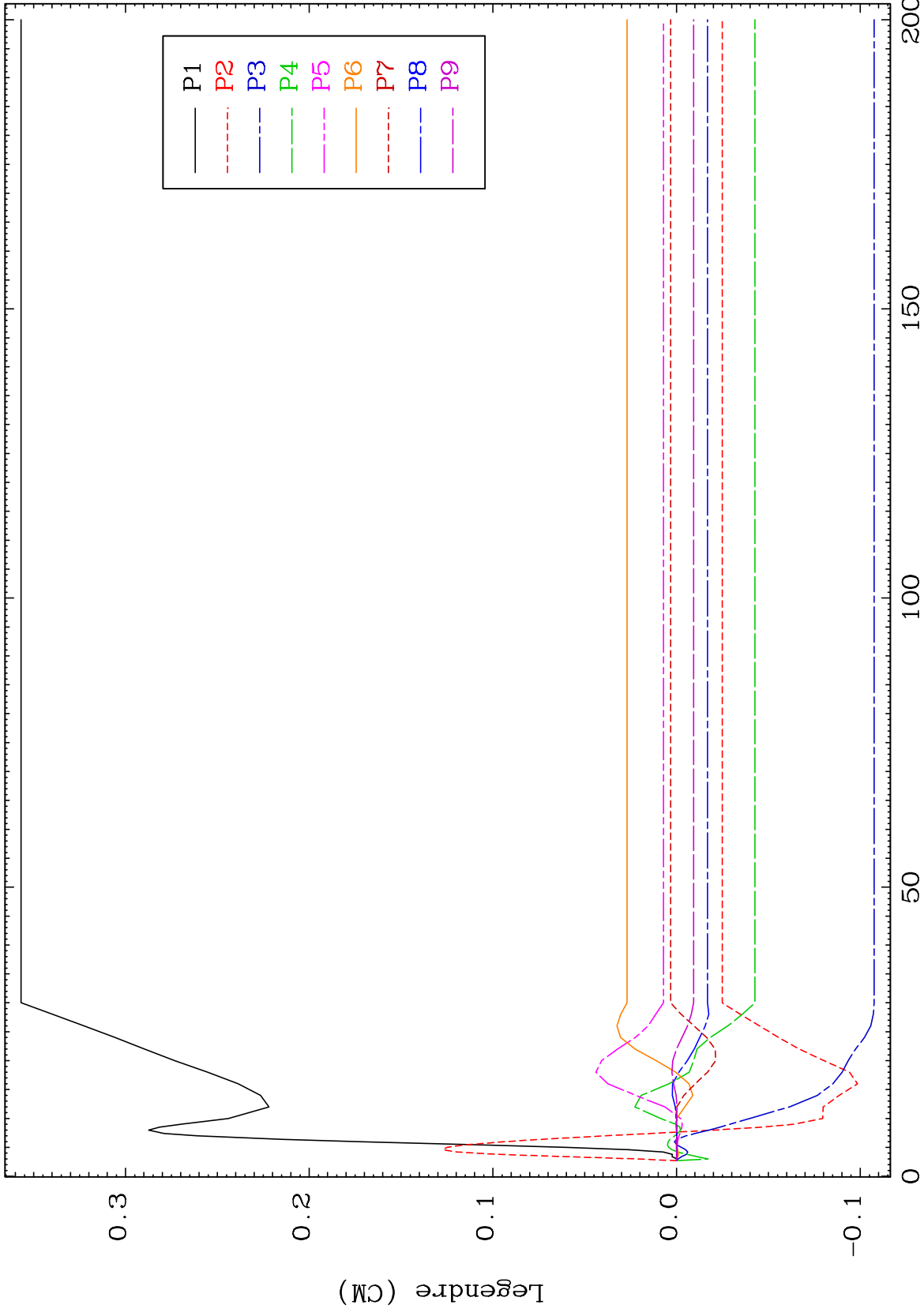
45



MAT 7165

2.676 MeV (n,n') Level
Legendre Coefficients

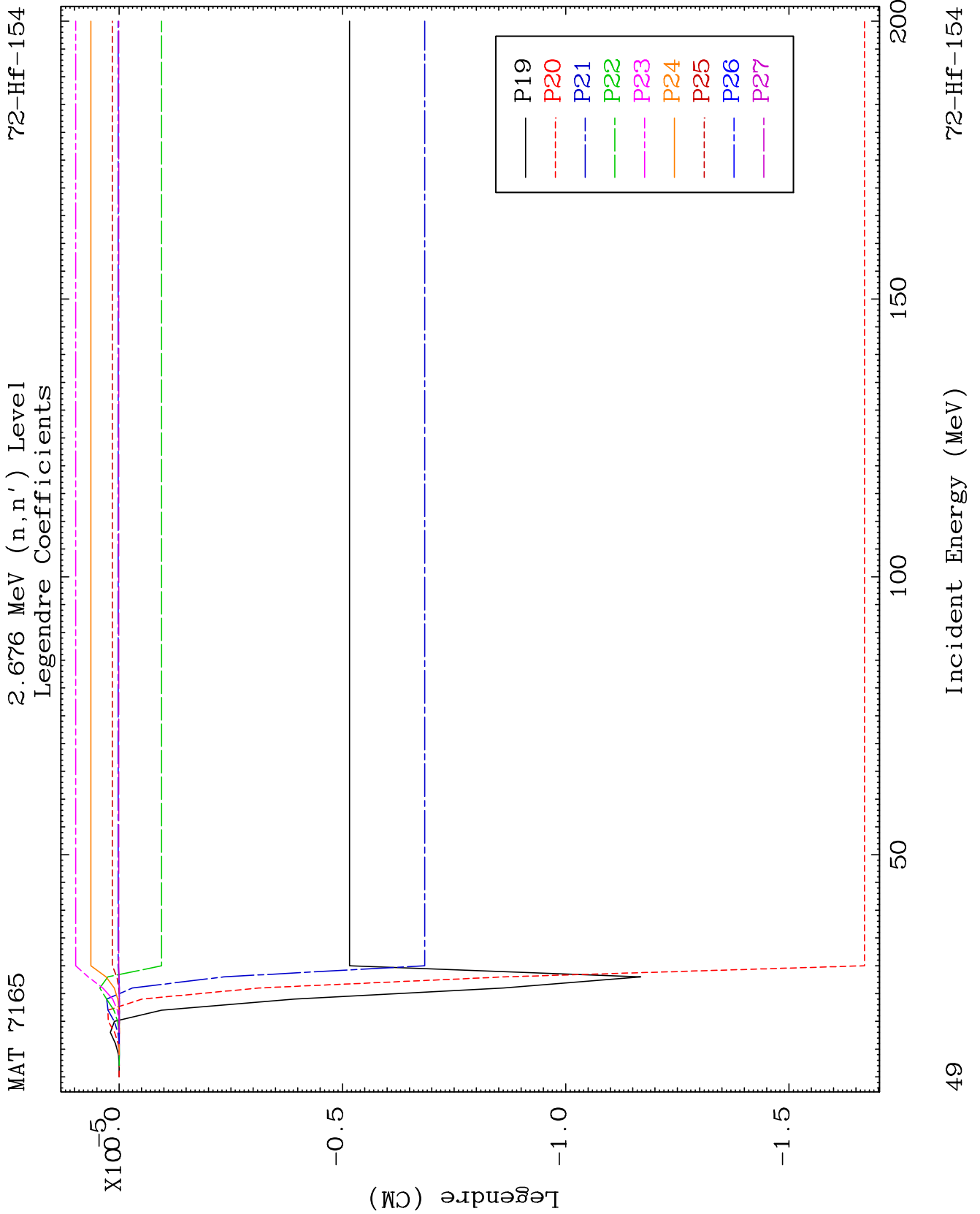
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47

Incident Energy (MeV)

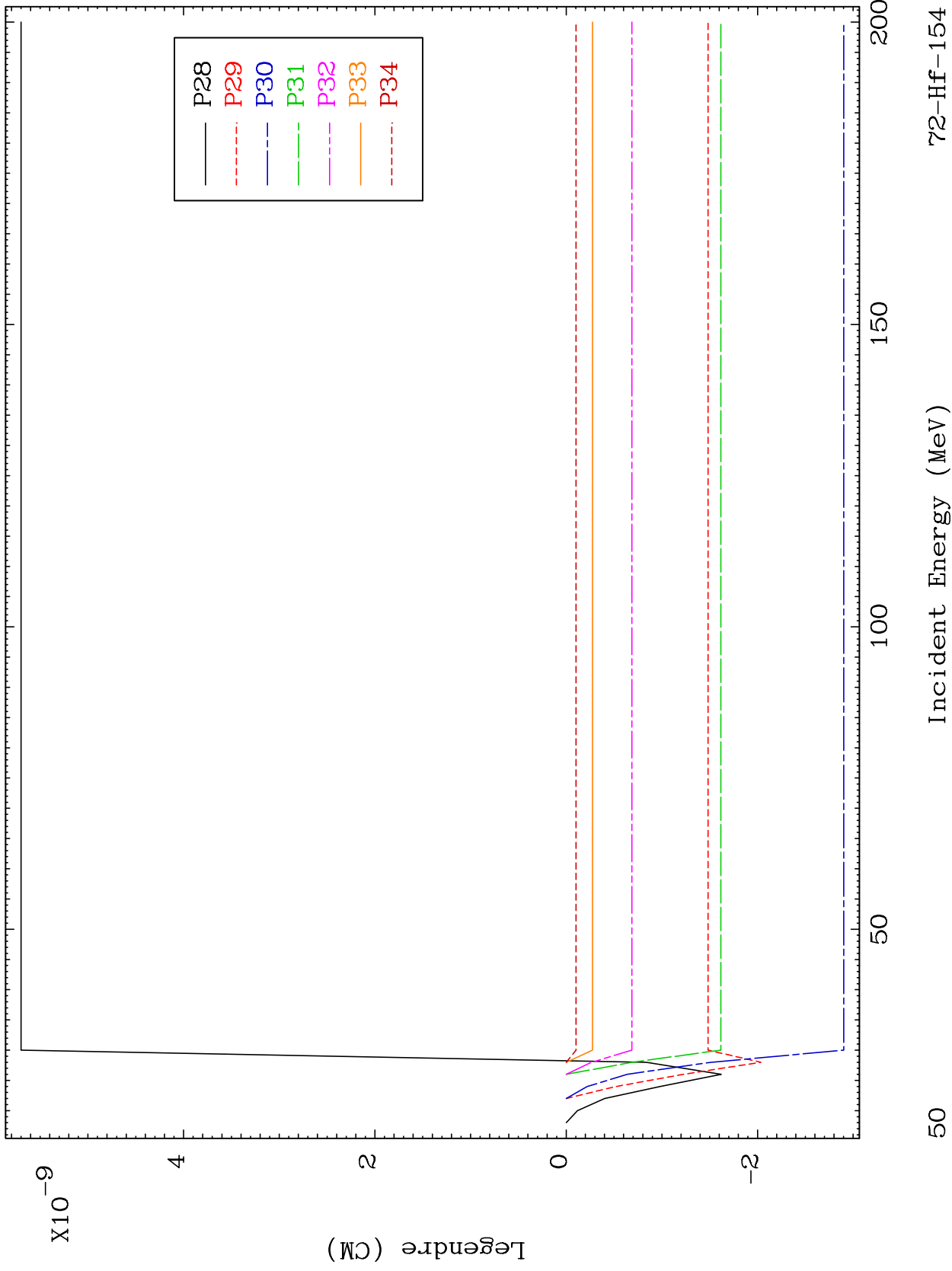
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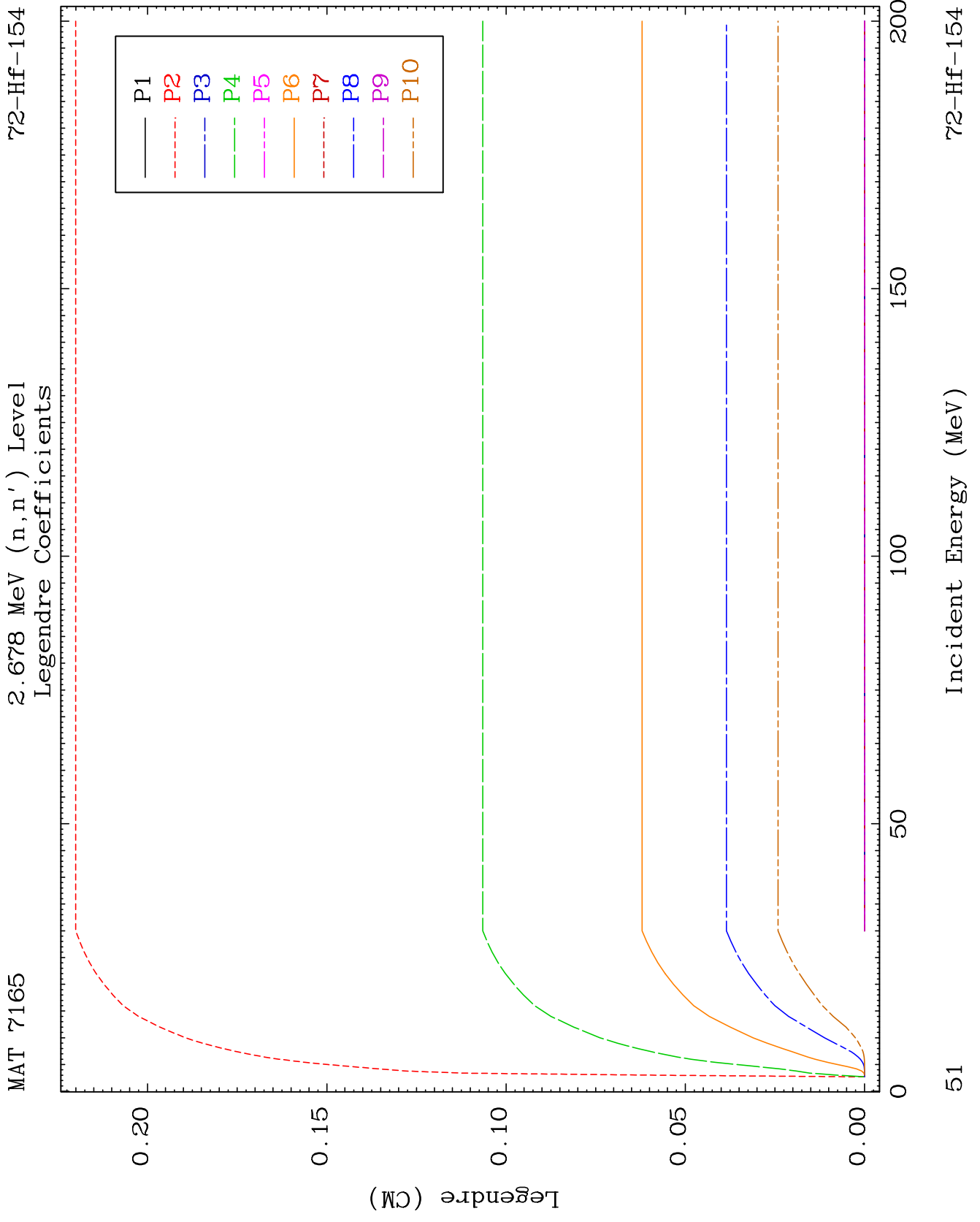


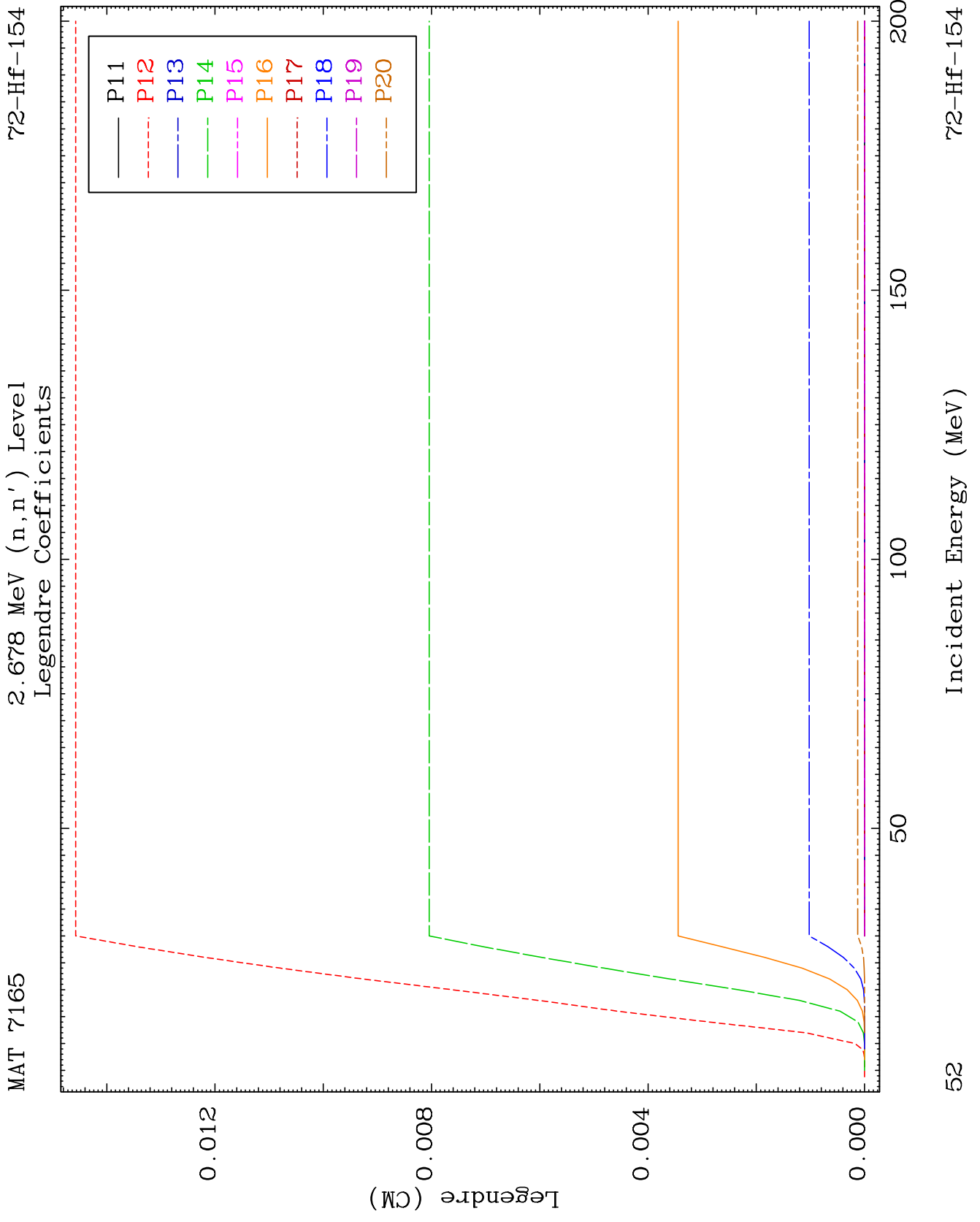
MAT 7165

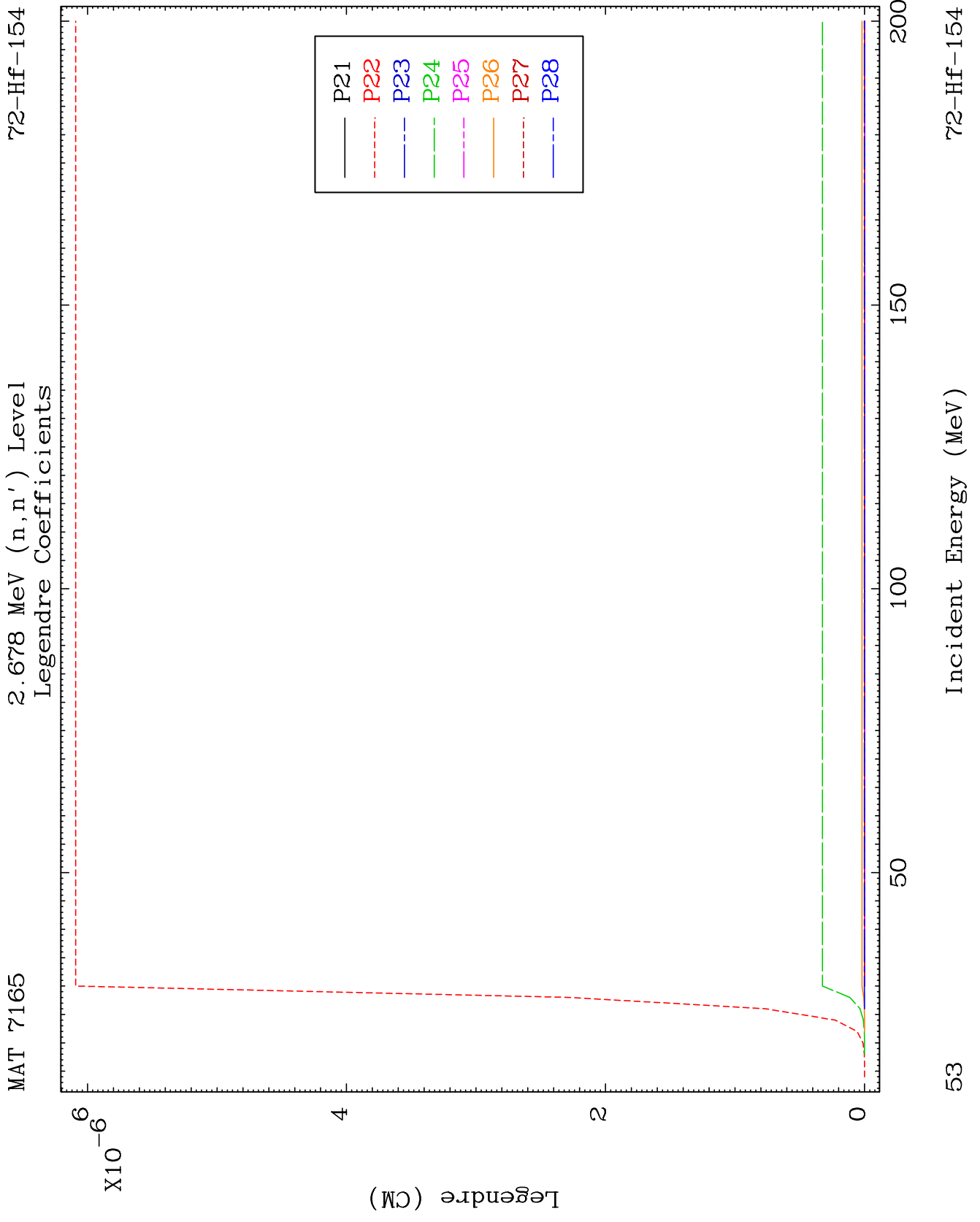
2.676 MeV (n, n') Level
Legendre Coefficients

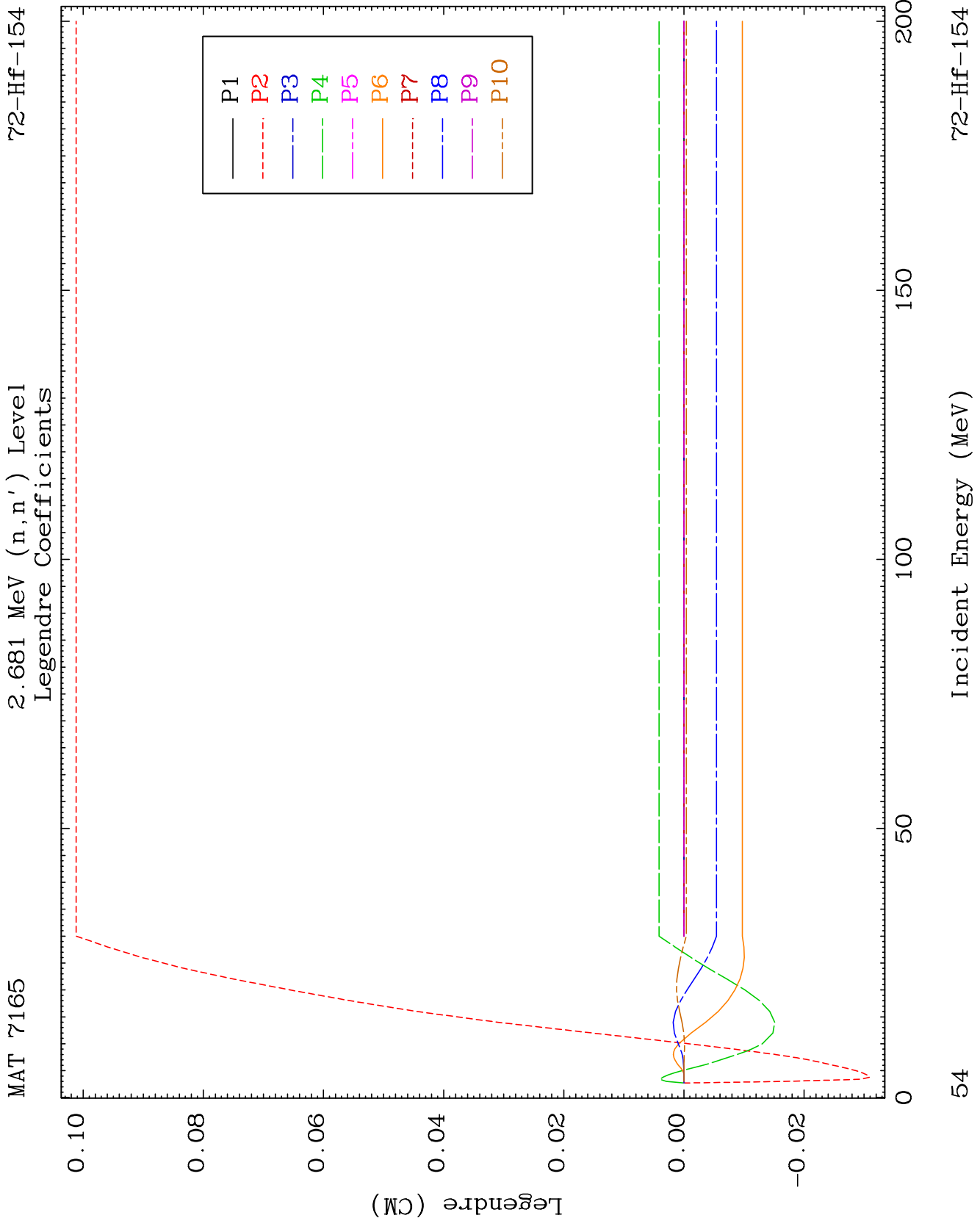
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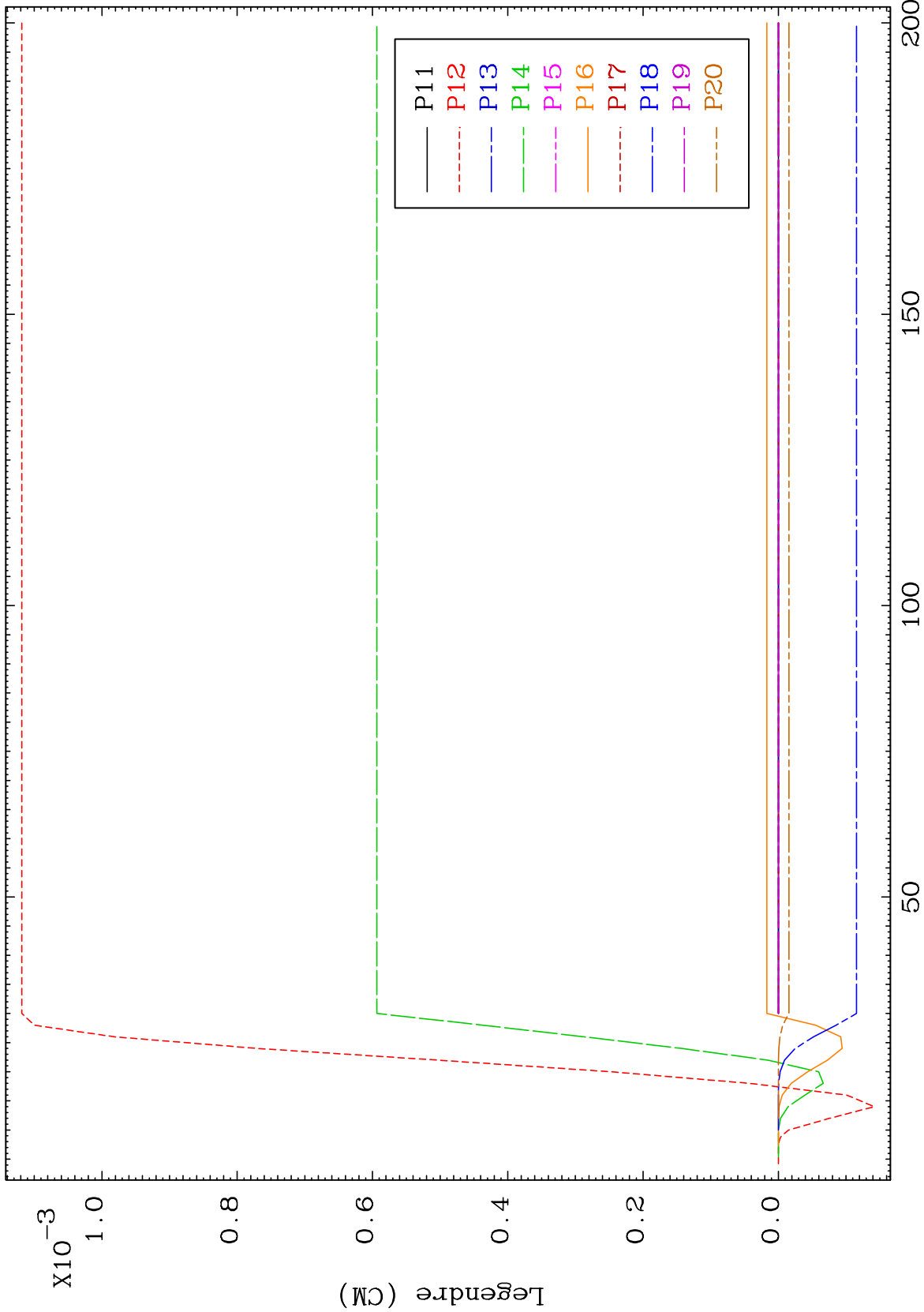


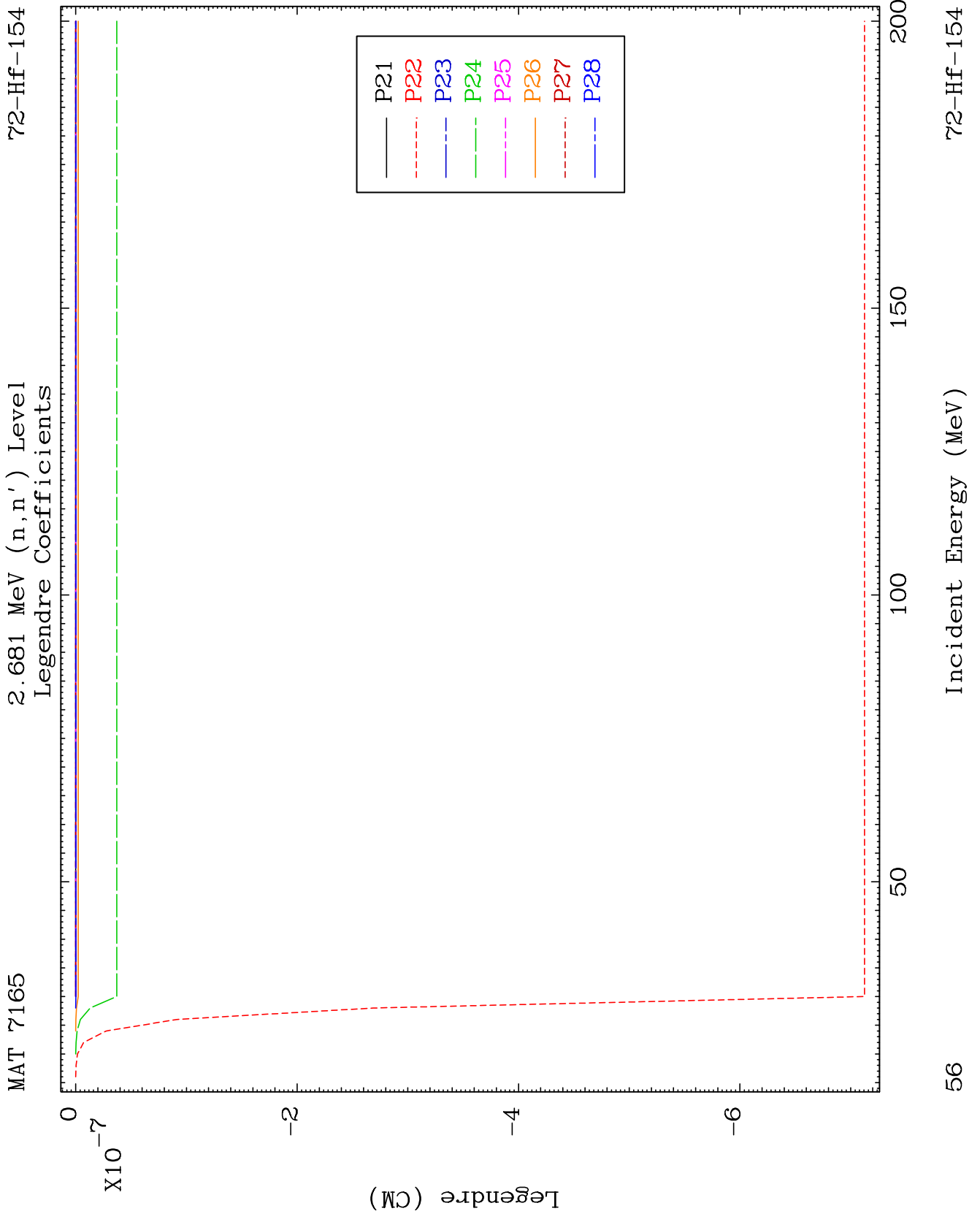


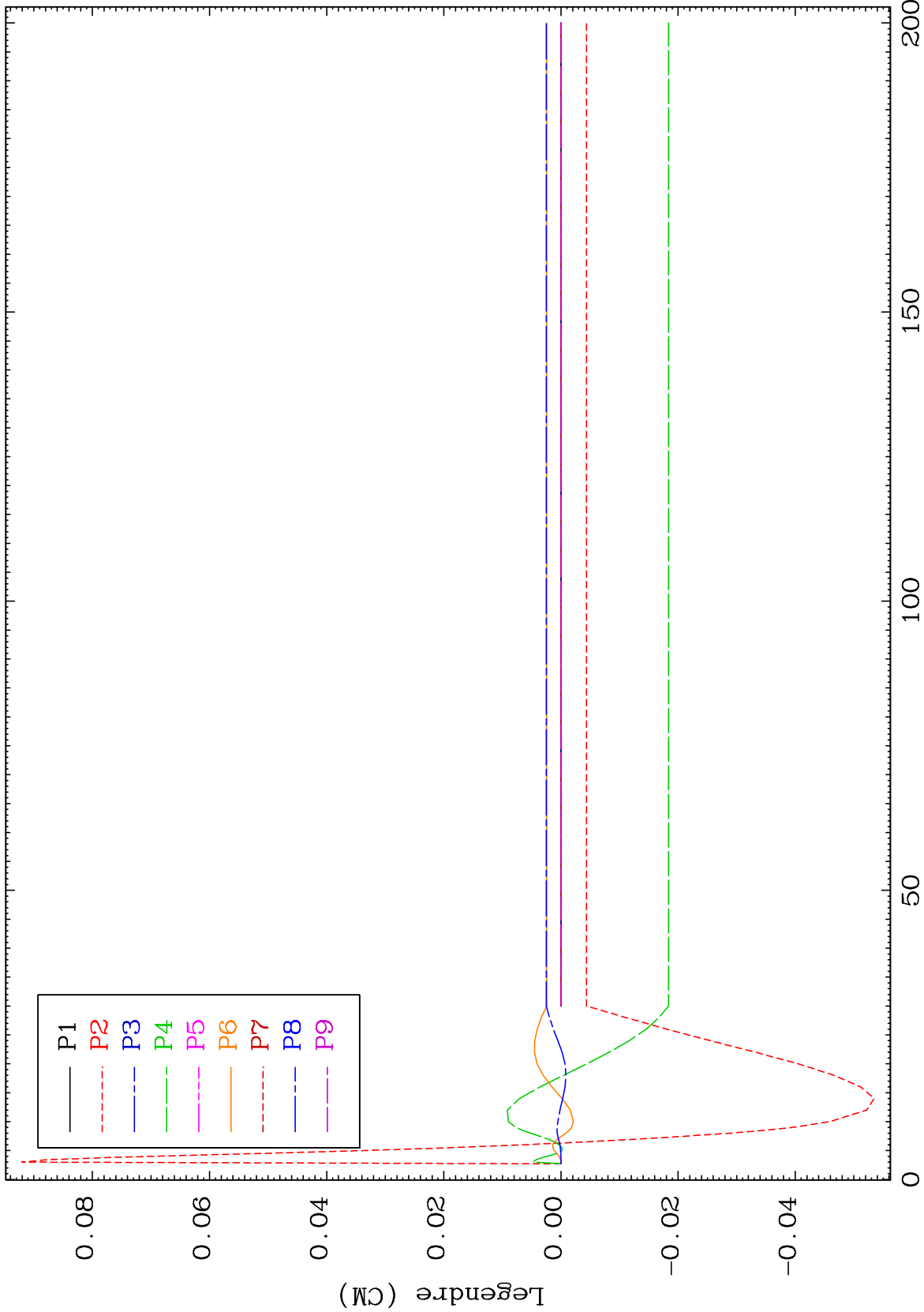


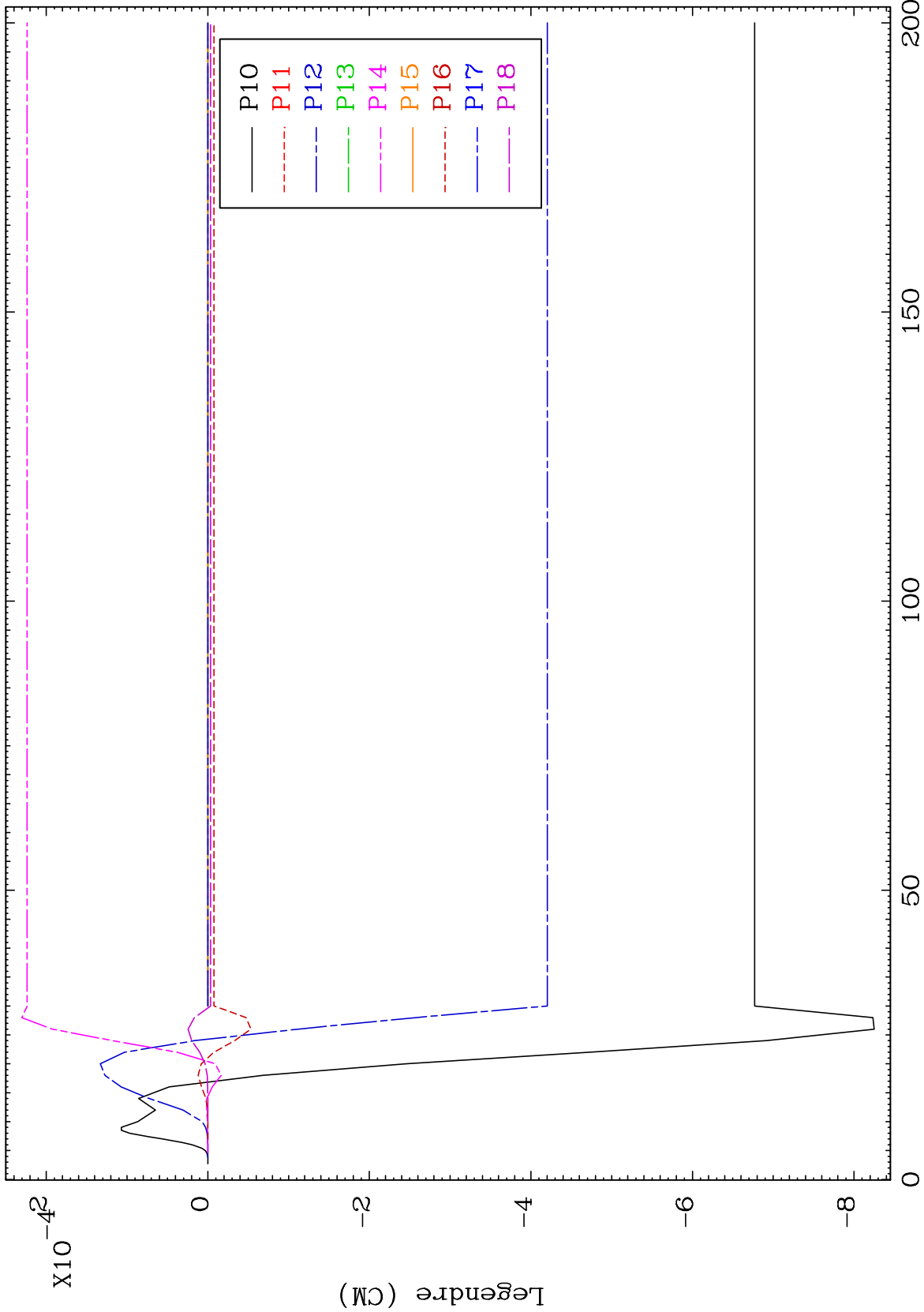


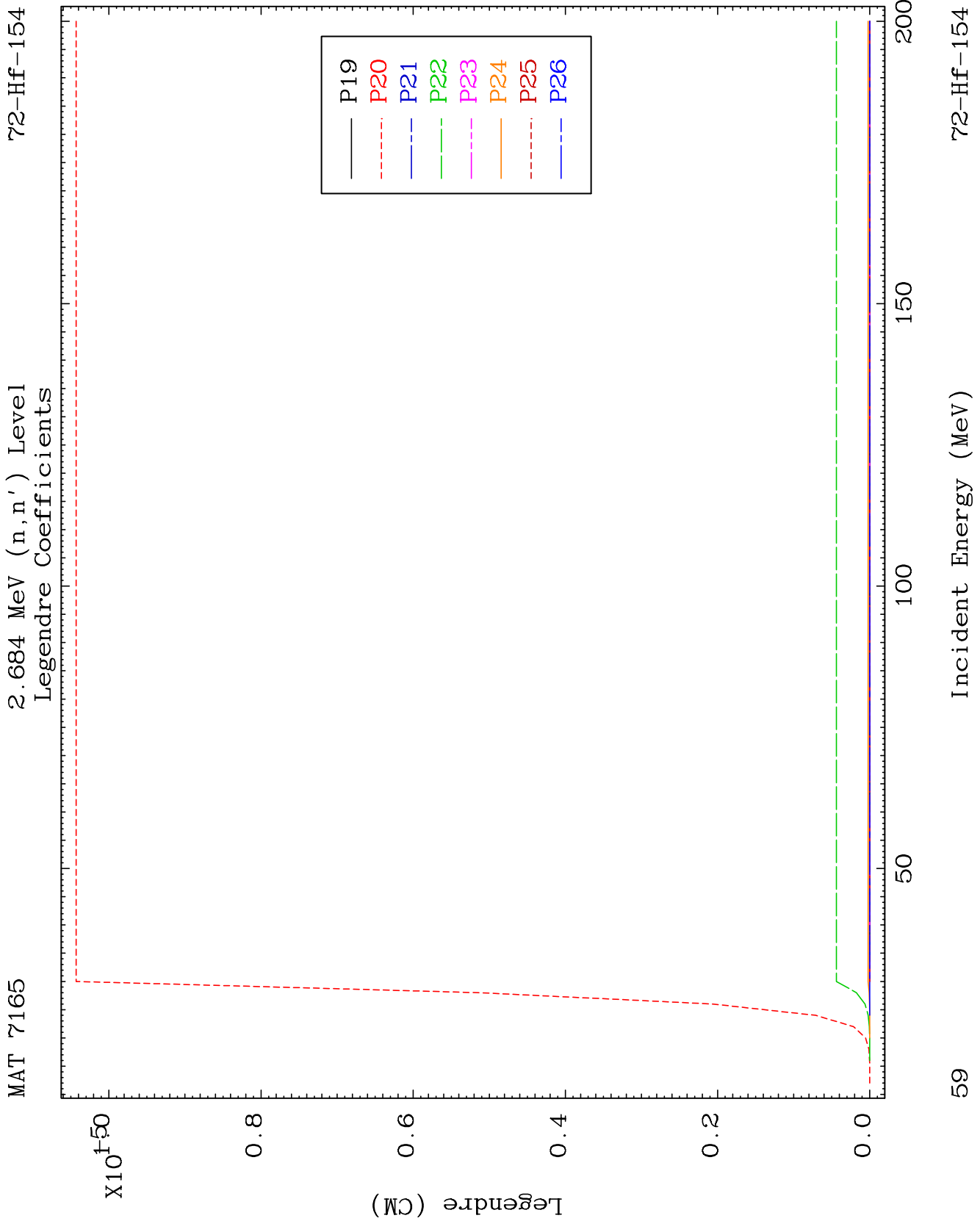








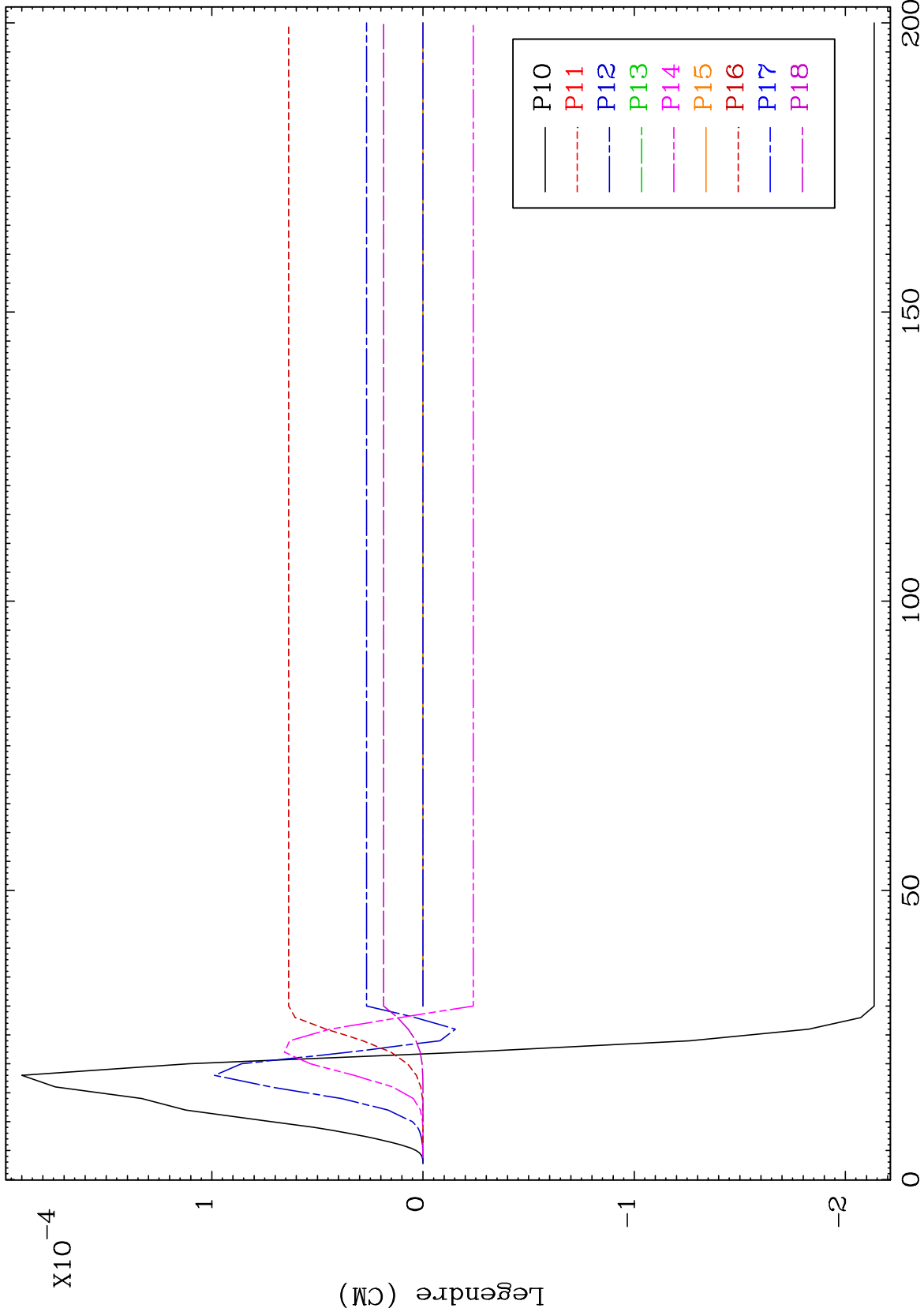




MAT 7165

2.687 MeV (n, n') Level
Legendre Coefficients

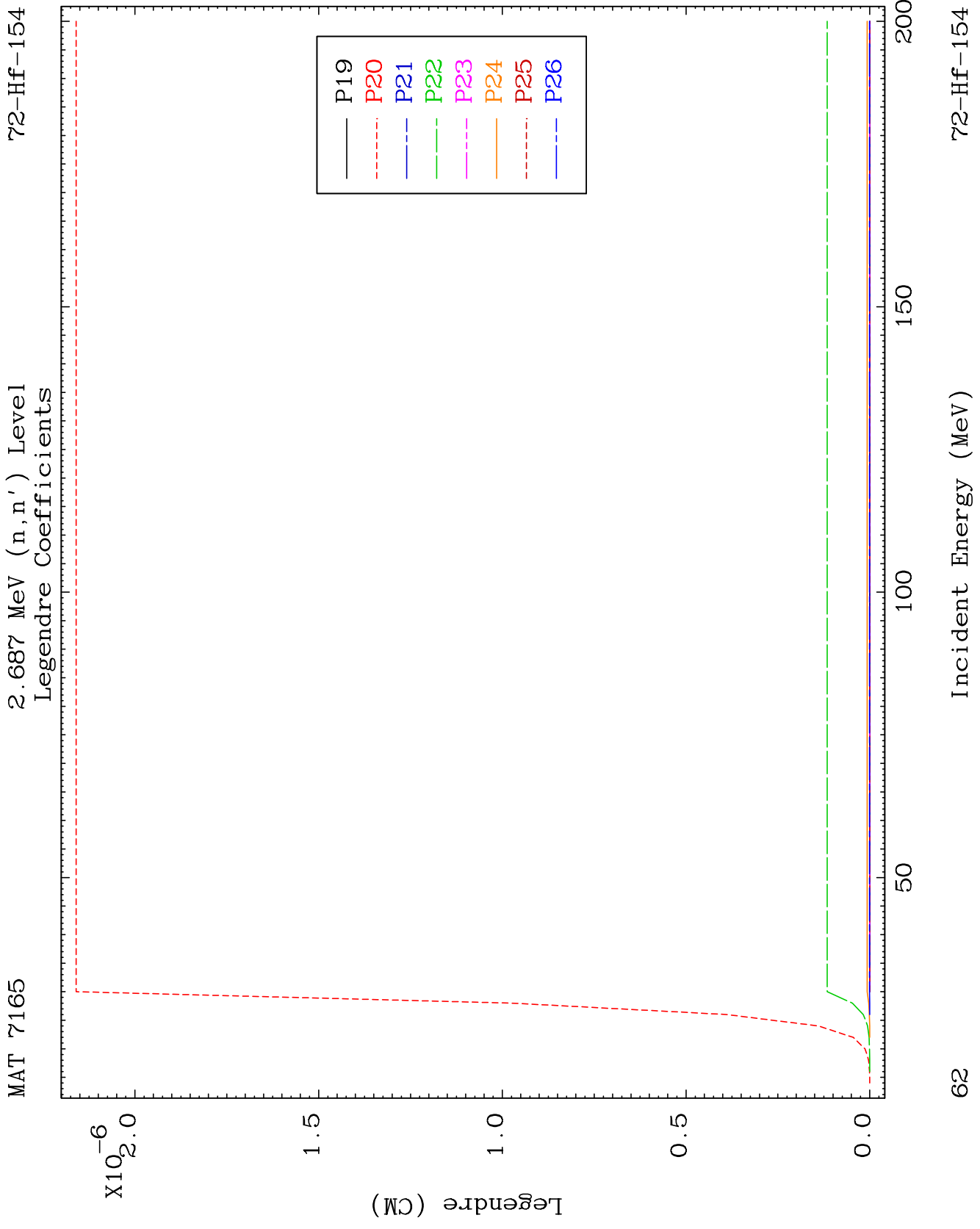
72-Hf-154



61

Incident Energy (MeV)

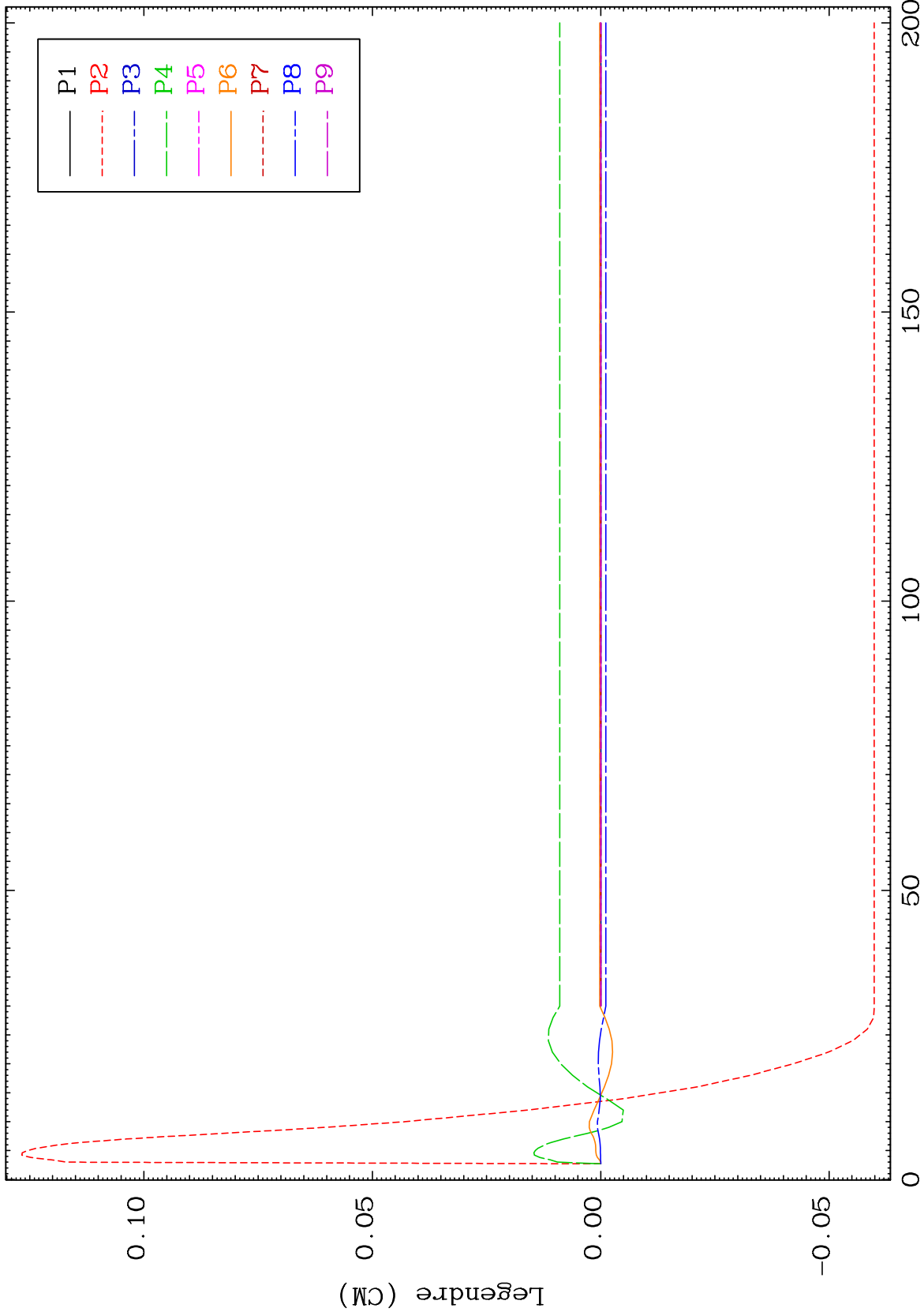
72-Hf-154



MAT 7165

2.688 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



63

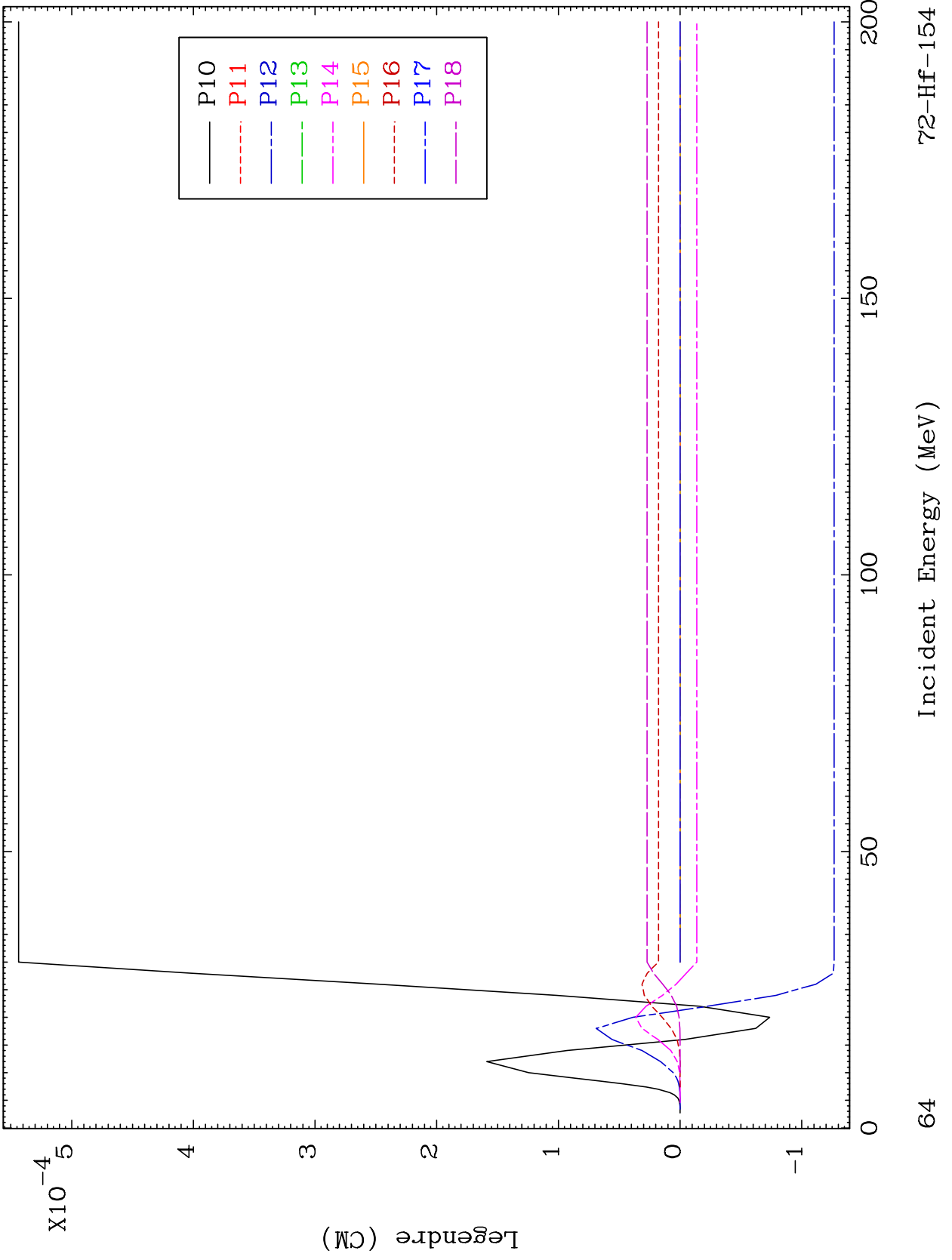
Incident Energy (MeV)

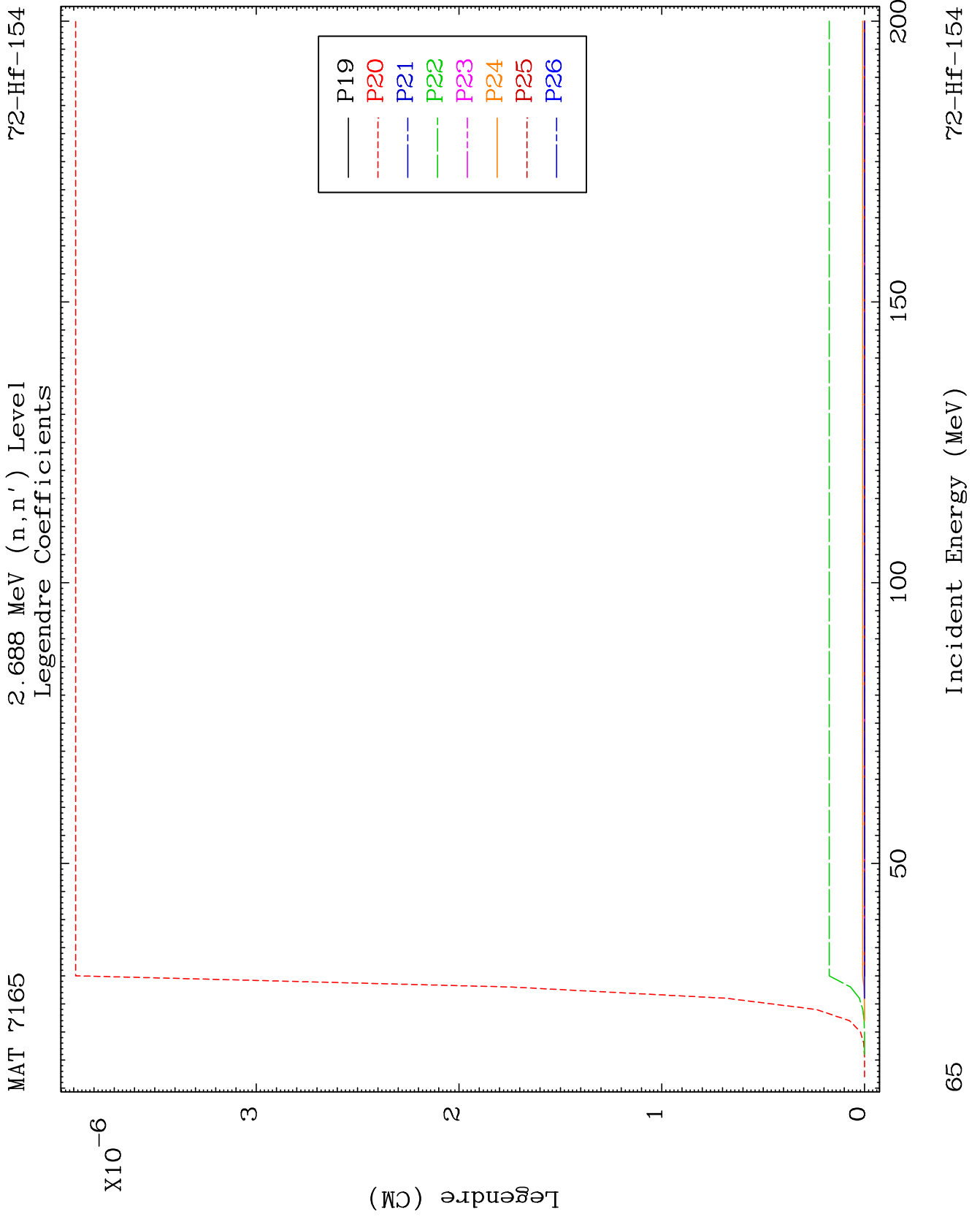
72-Hf-154

MAT 7165

2.688 MeV (n,n') Level
Legendre Coefficients

72-Hf-154

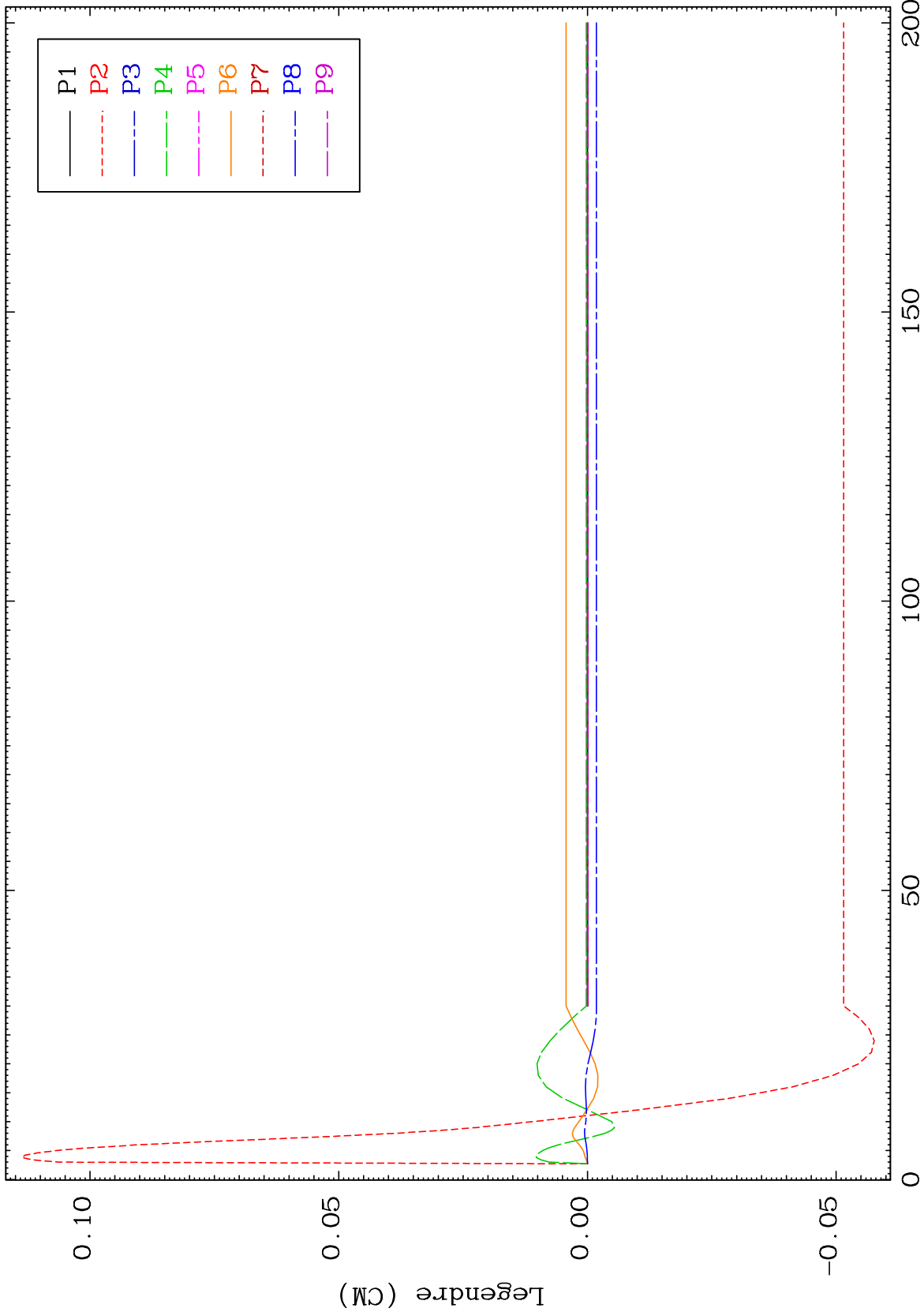




MAT 7165

2.690 MeV (n,n') Level
Legendre Coefficients

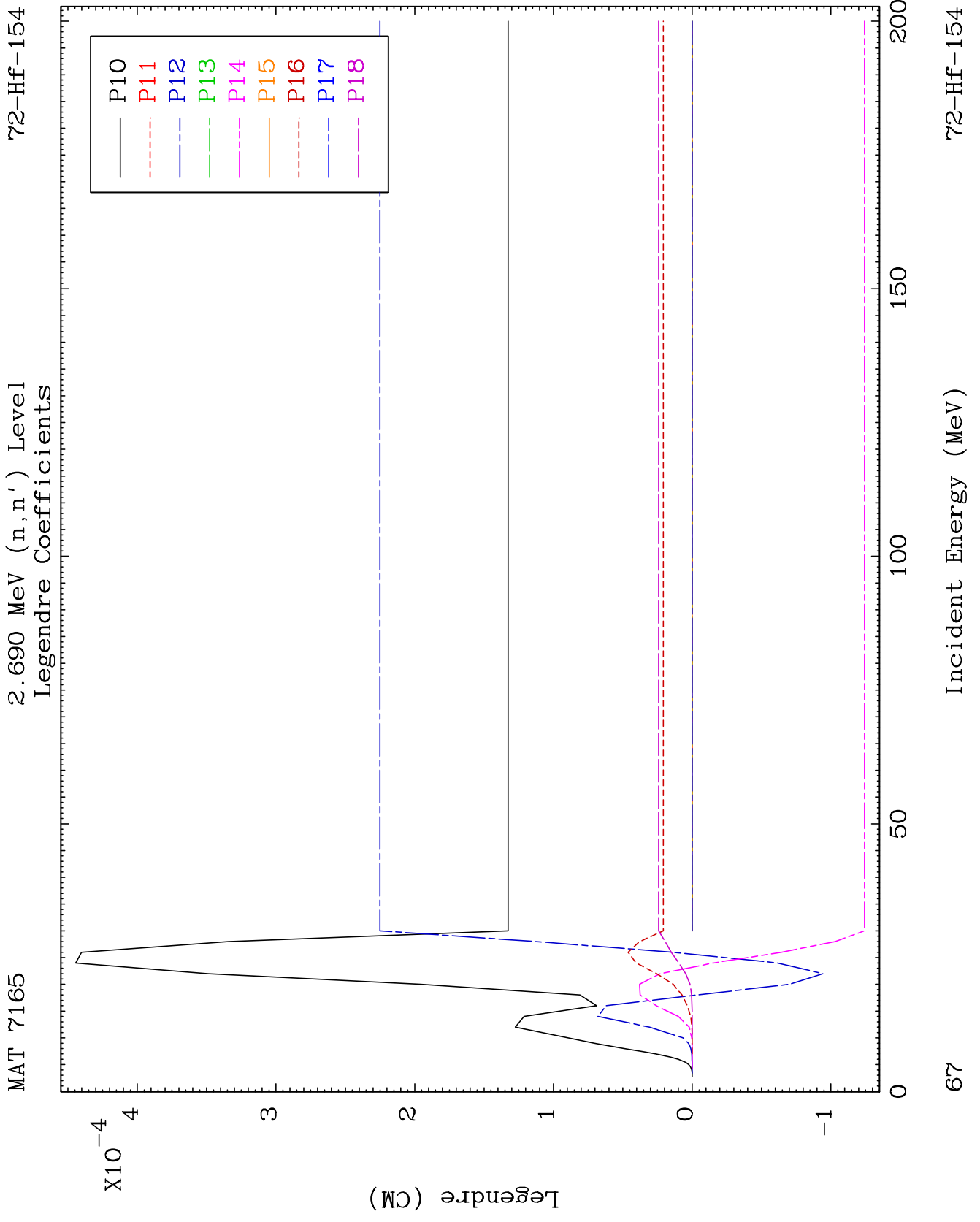
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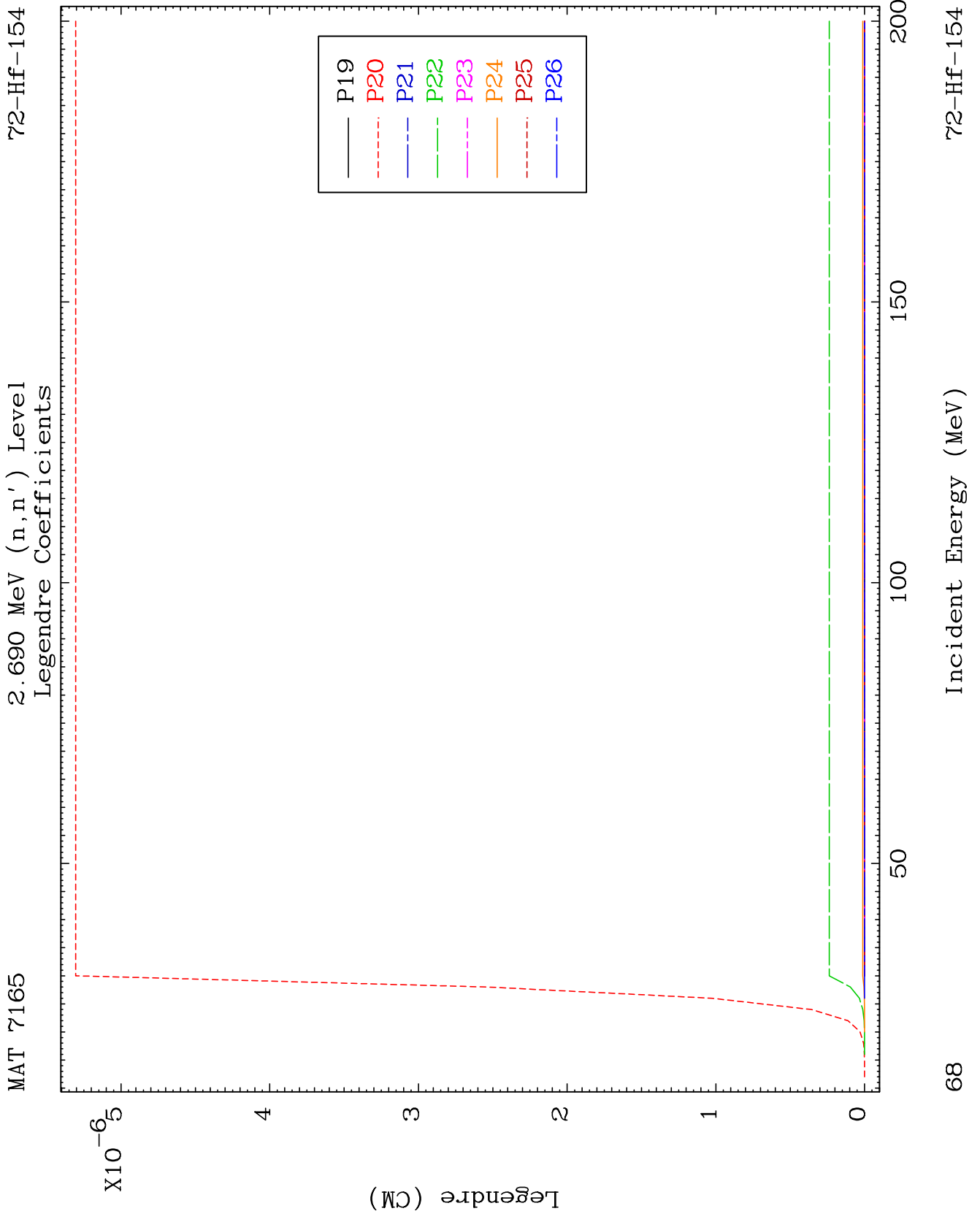


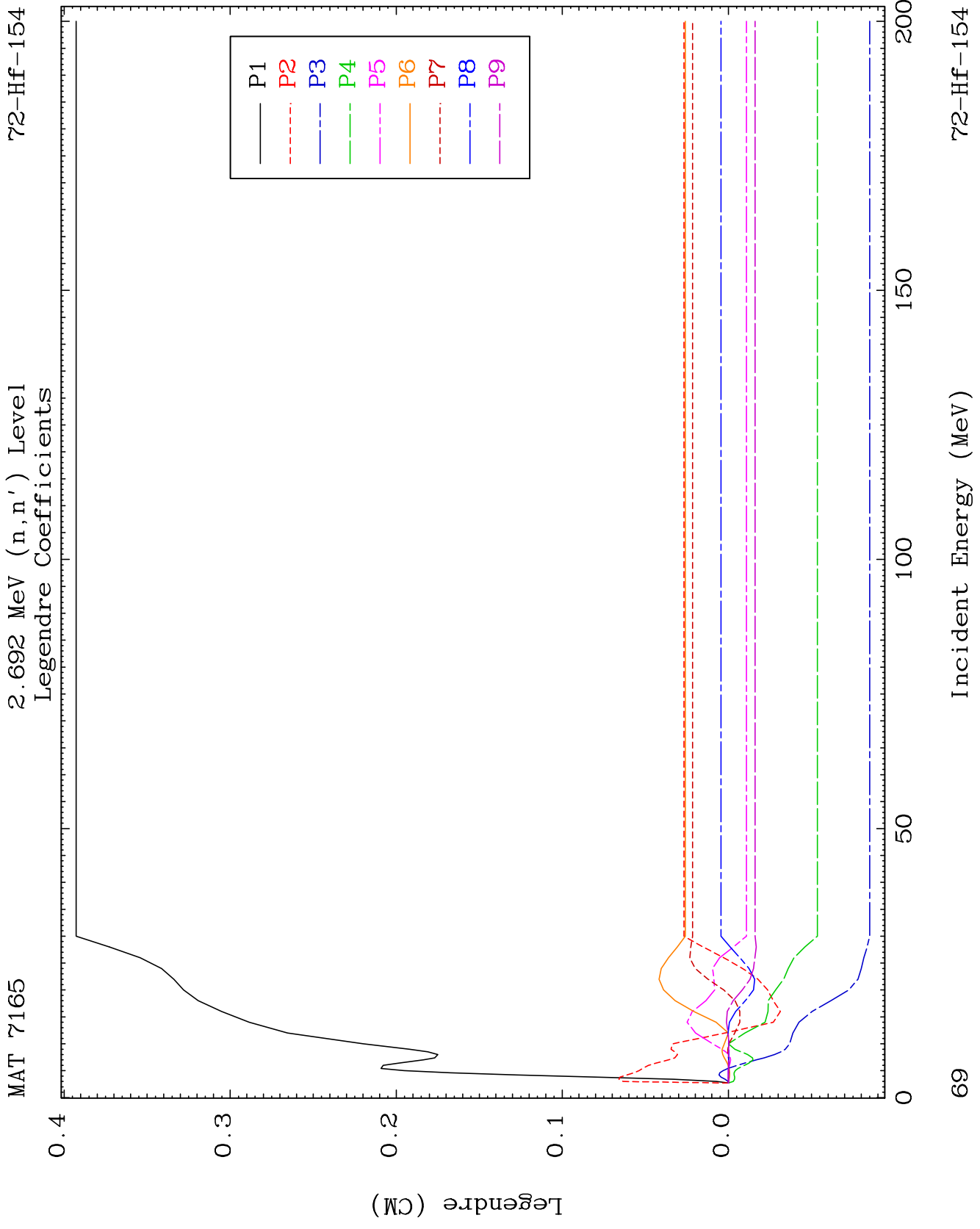
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Incident Energy (MeV)

72-Hf-154



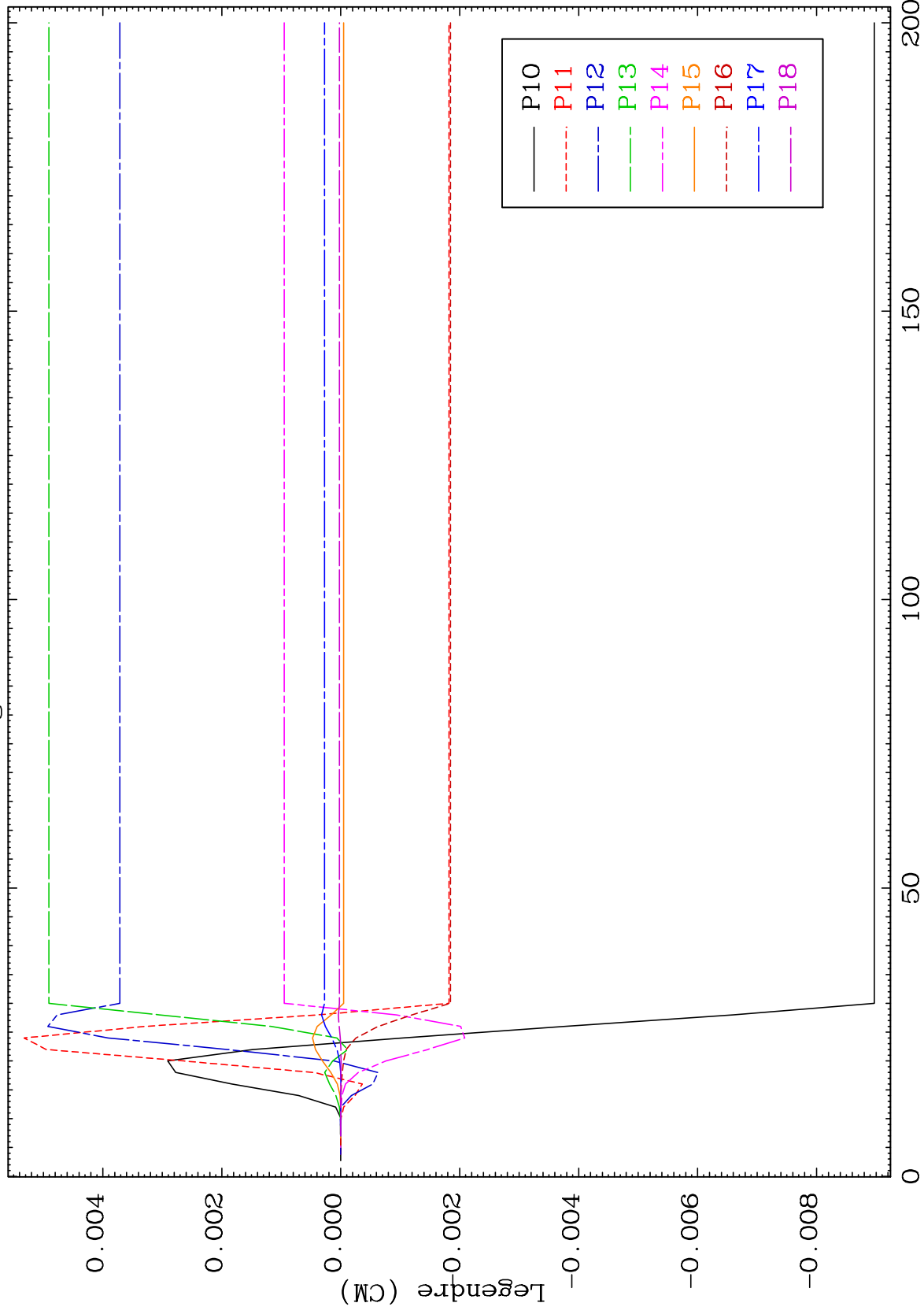




MAT 7165

2.692 MeV (n, n') Level
Legendre Coefficients

72-Hf-154



70

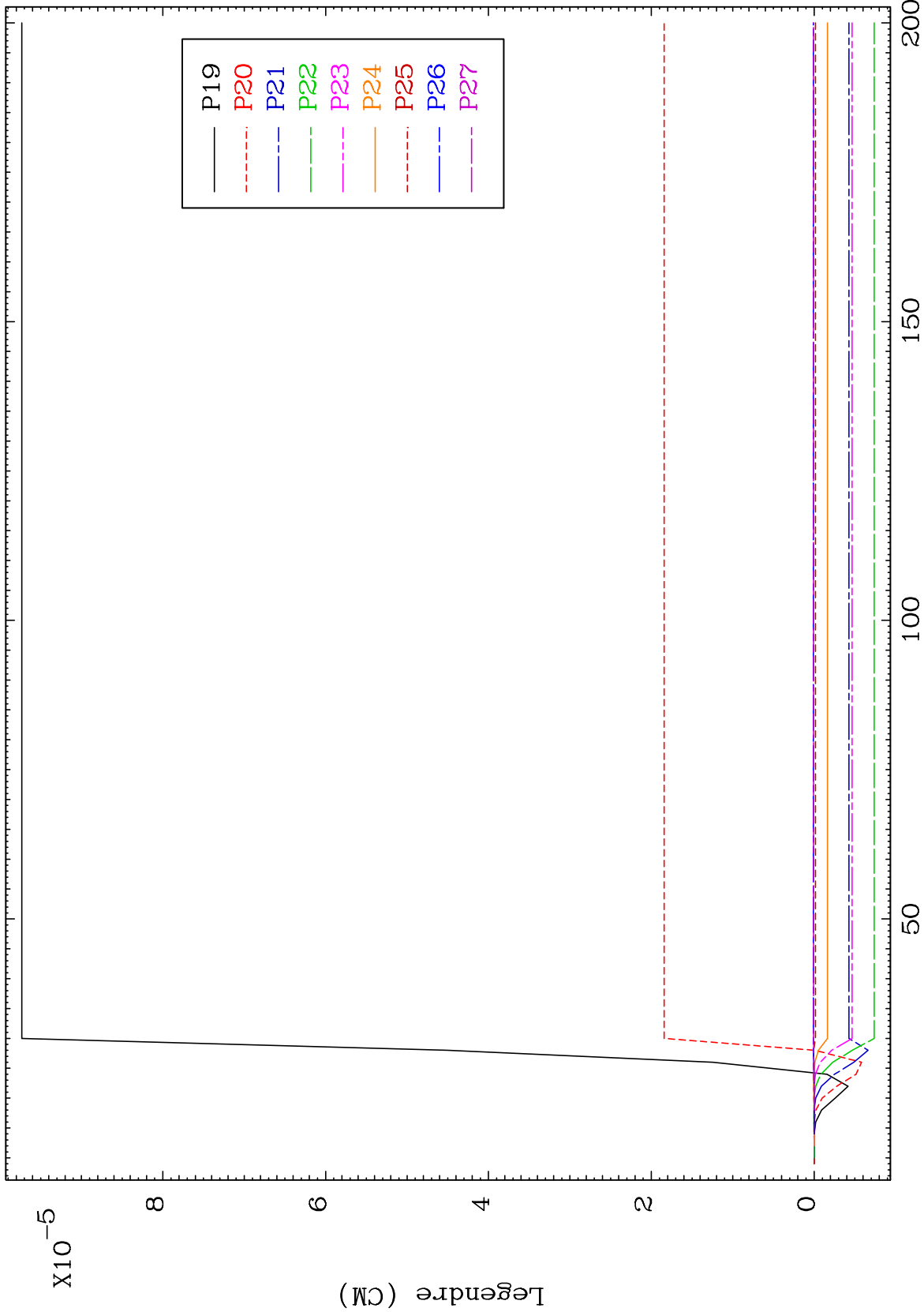
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.692 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



71

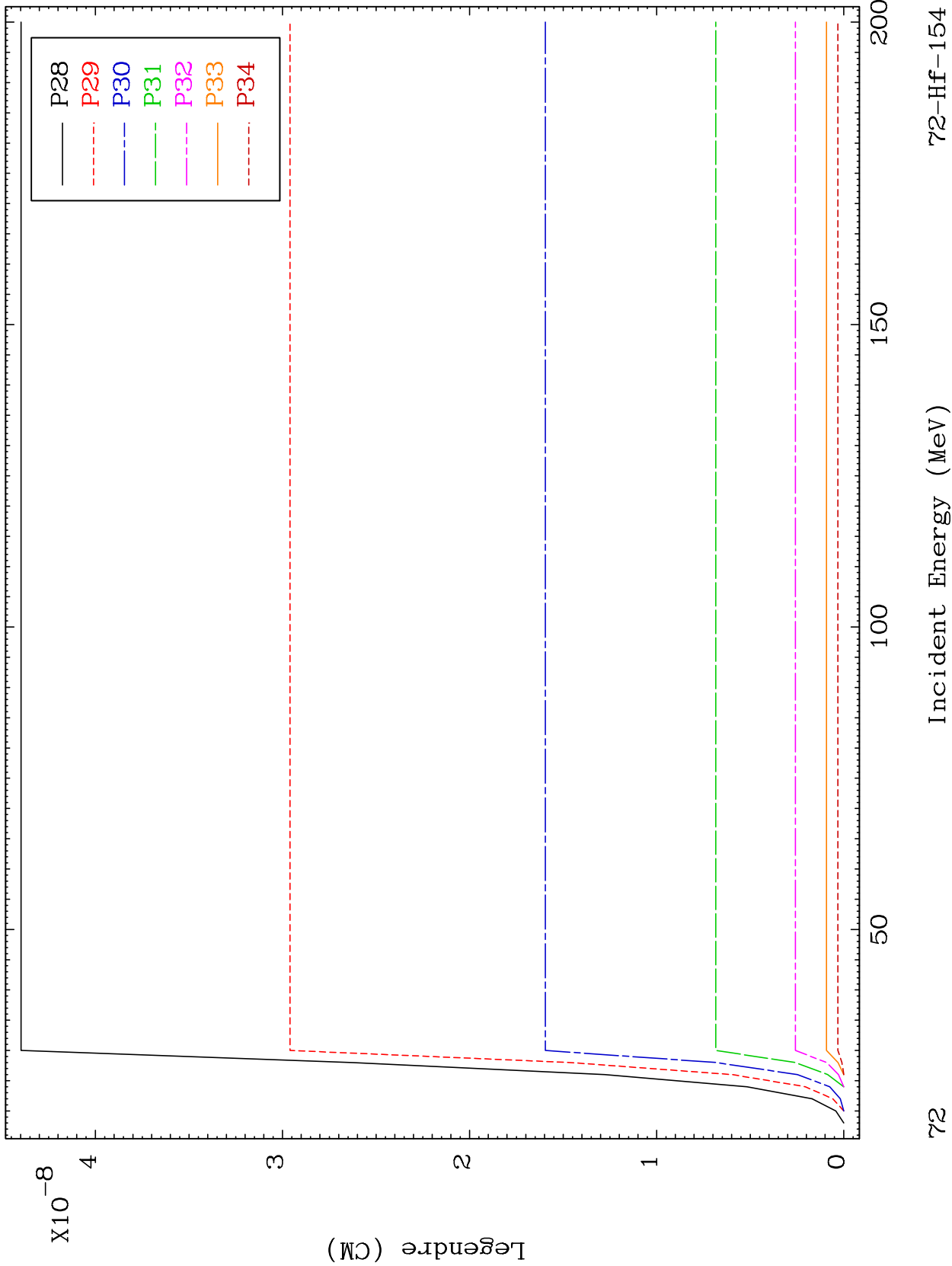
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.692 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



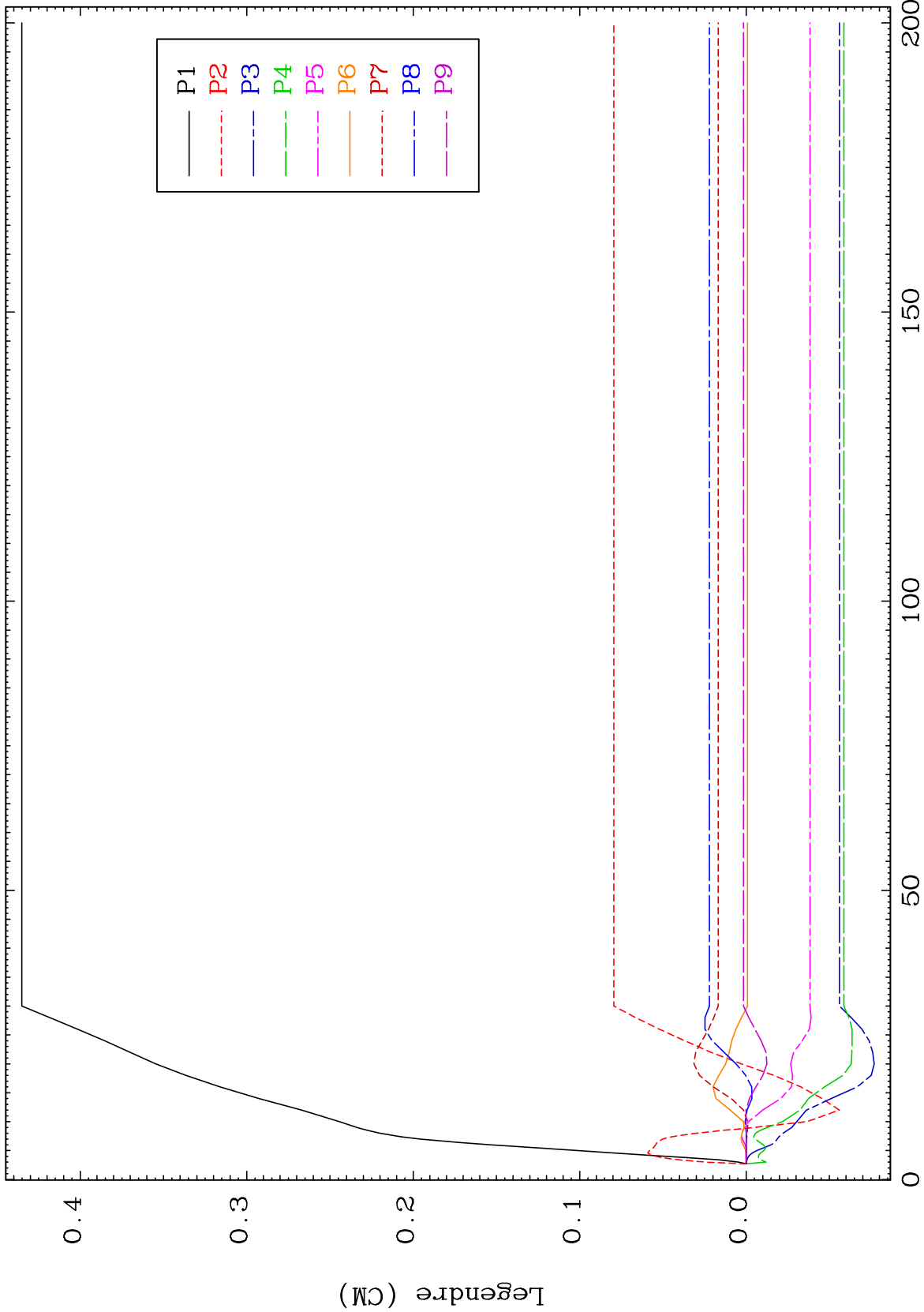
72

72-Hf-154

MAT 7165

2.693 MeV (n,n') Level
Legendre Coefficients

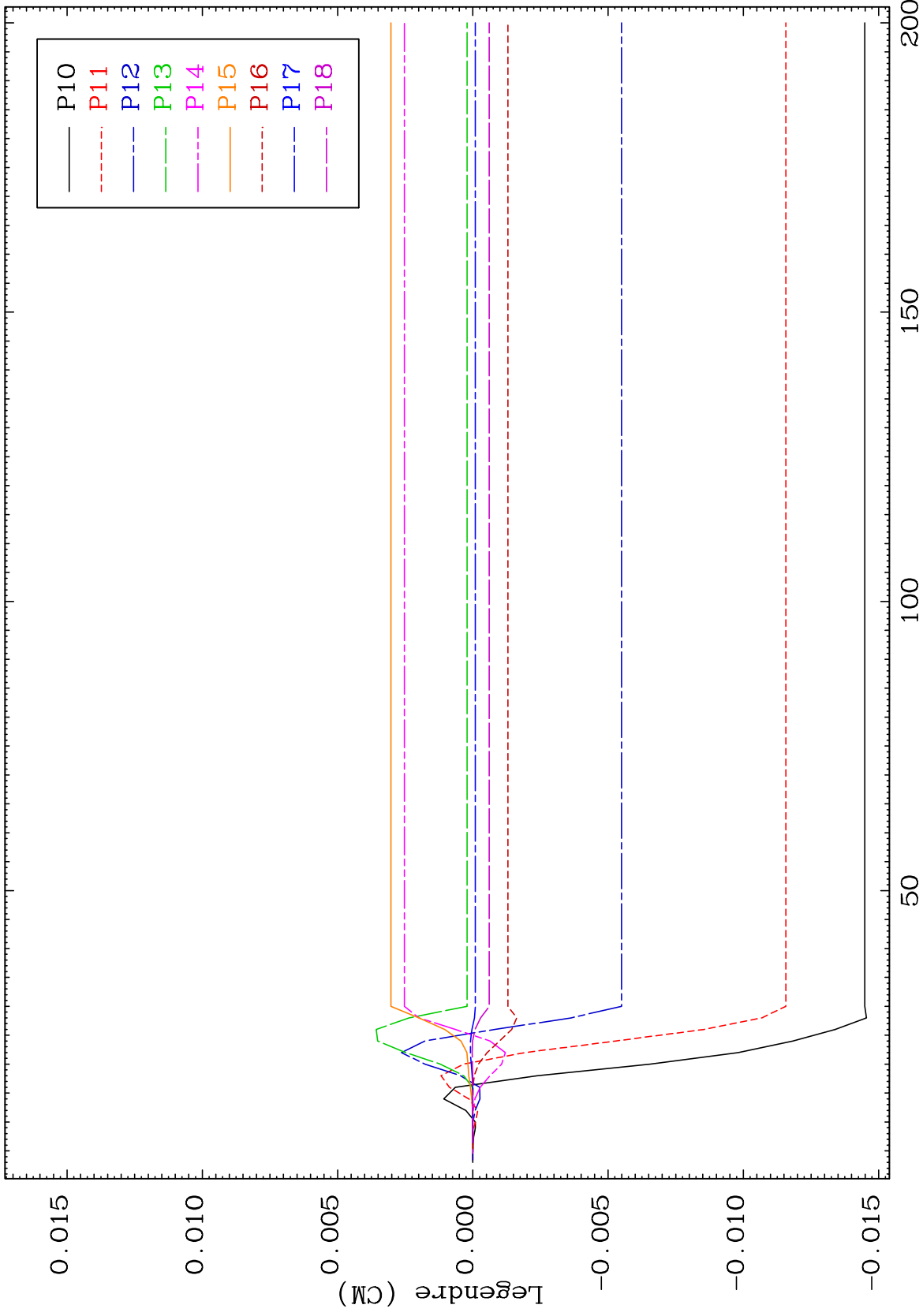
72-Hf-154



73

Incident Energy (MeV)

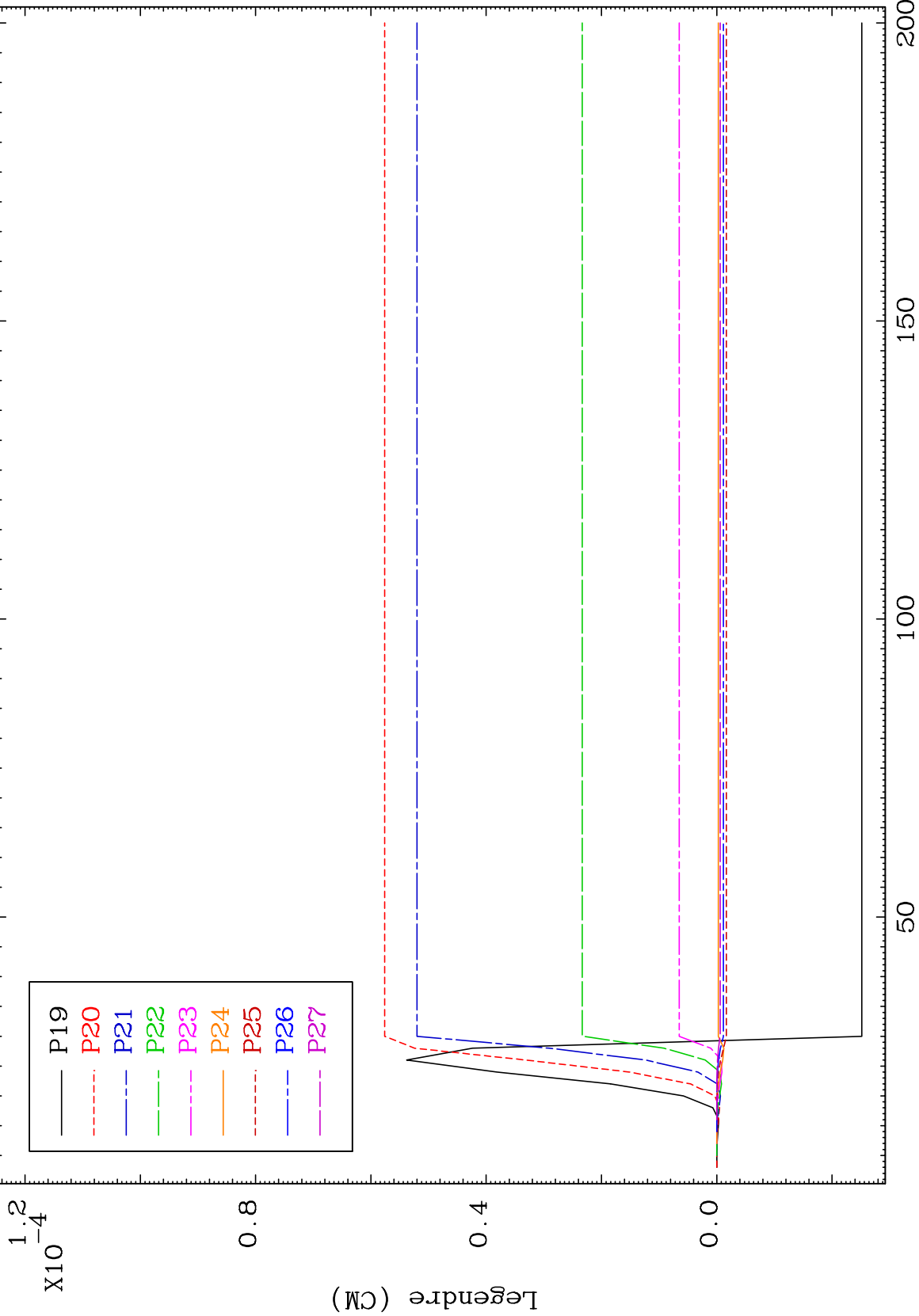
72-Hf-154



MAT 7165

2.693 MeV (n, n') Level
Legendre Coefficients

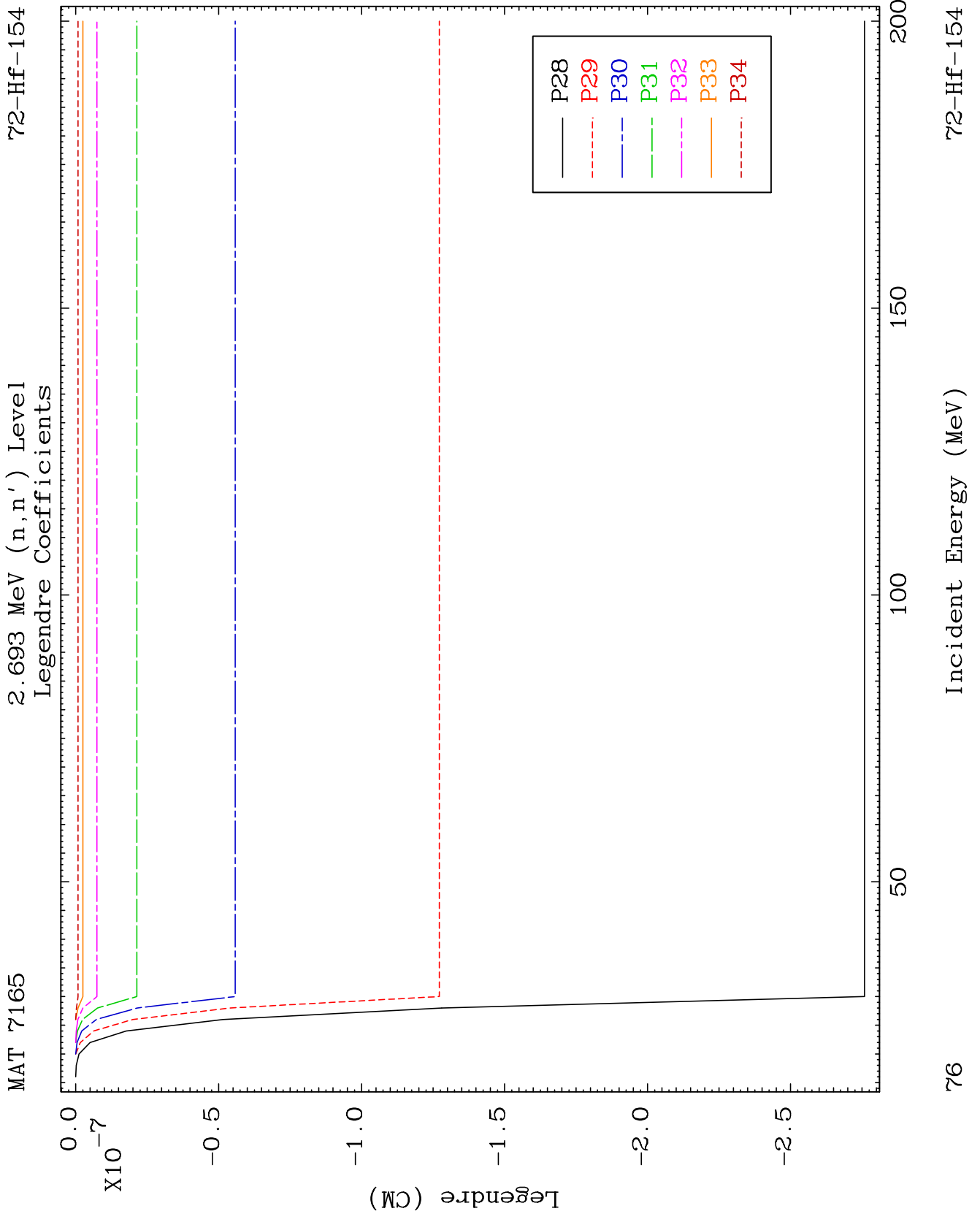
72-Hf-154



75

Incident Energy (MeV)

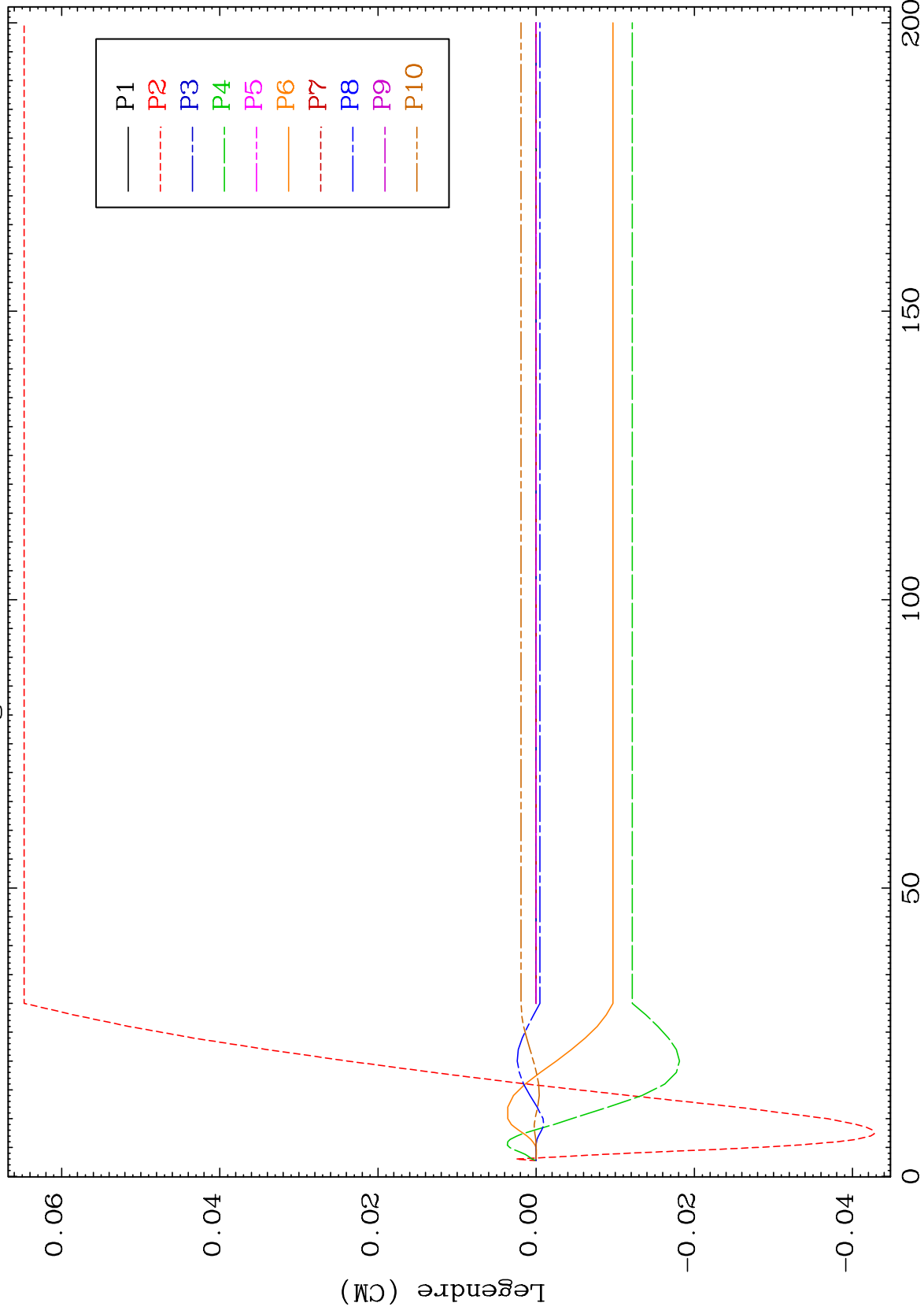
72-Hf-154



MAT 7165

2.694 MeV (n,n') Level
Legendre Coefficients

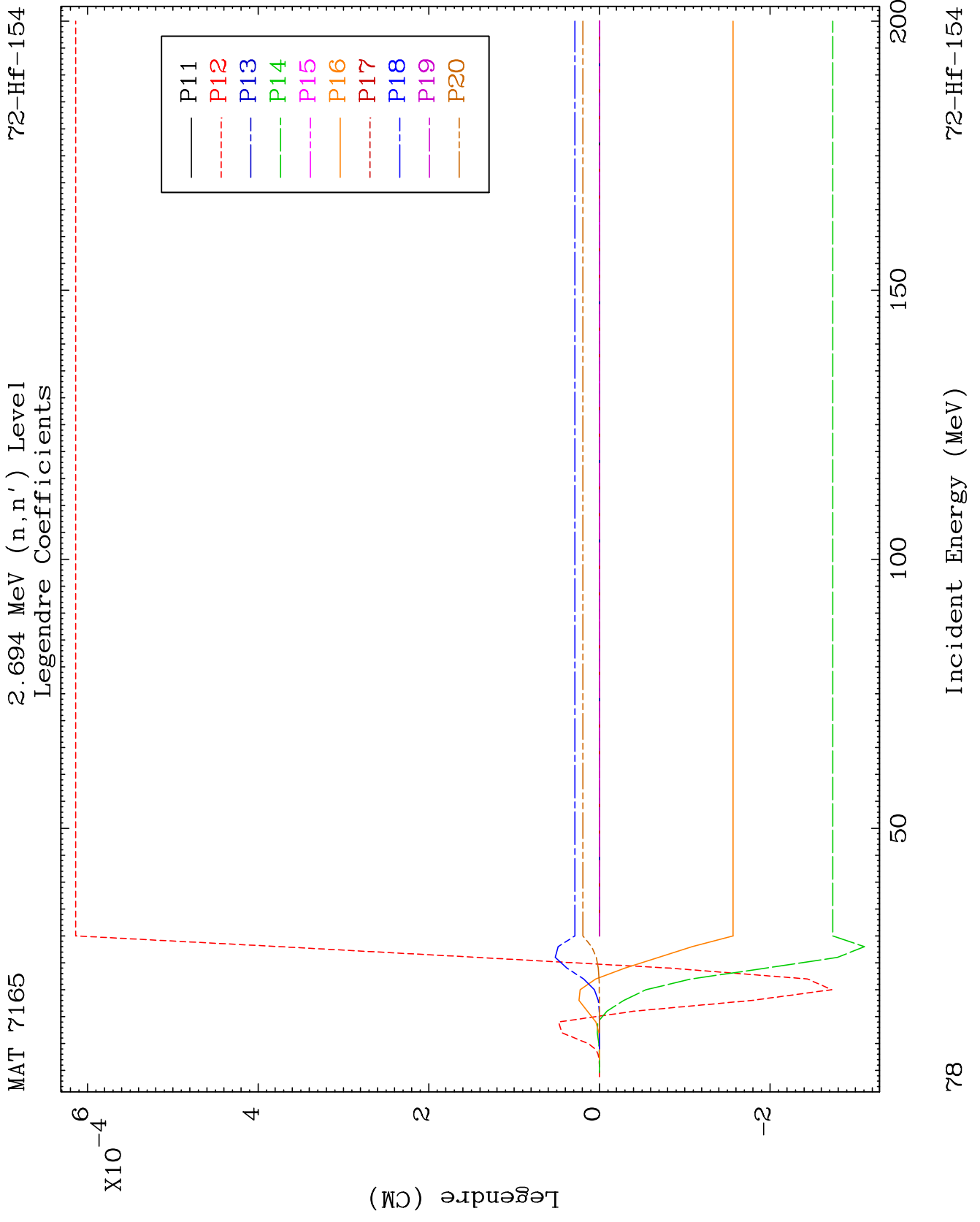
72-Hf-154

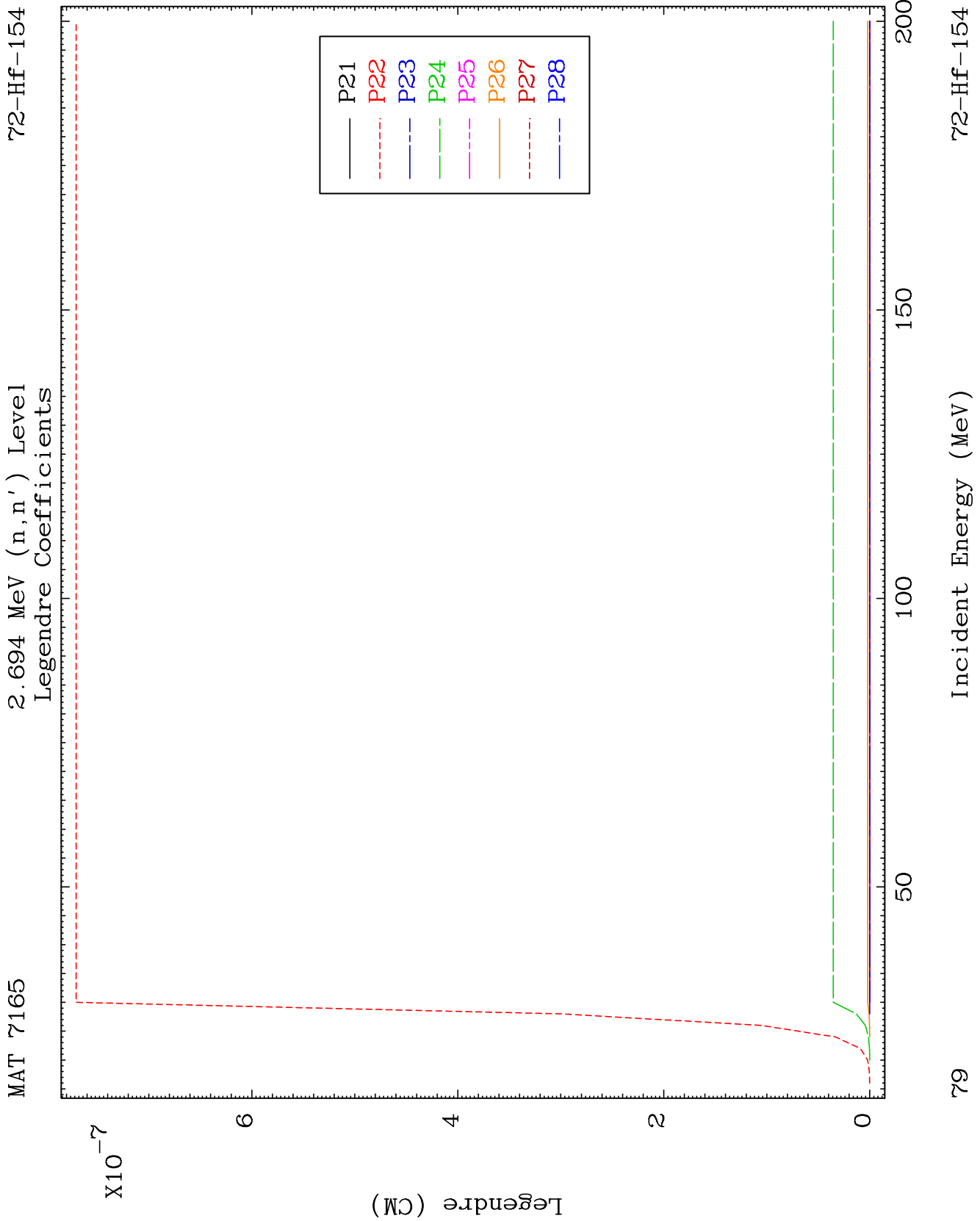


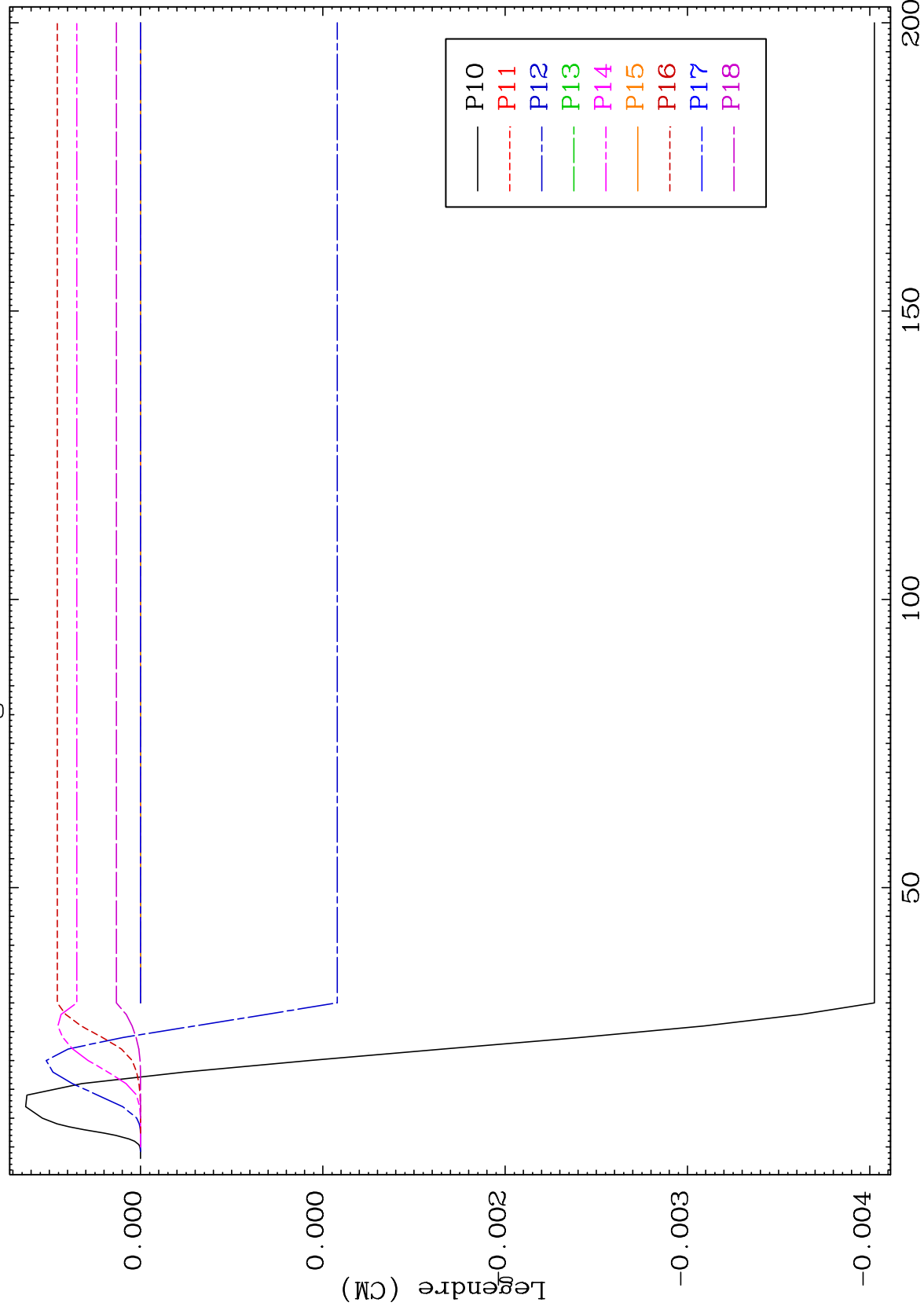
77

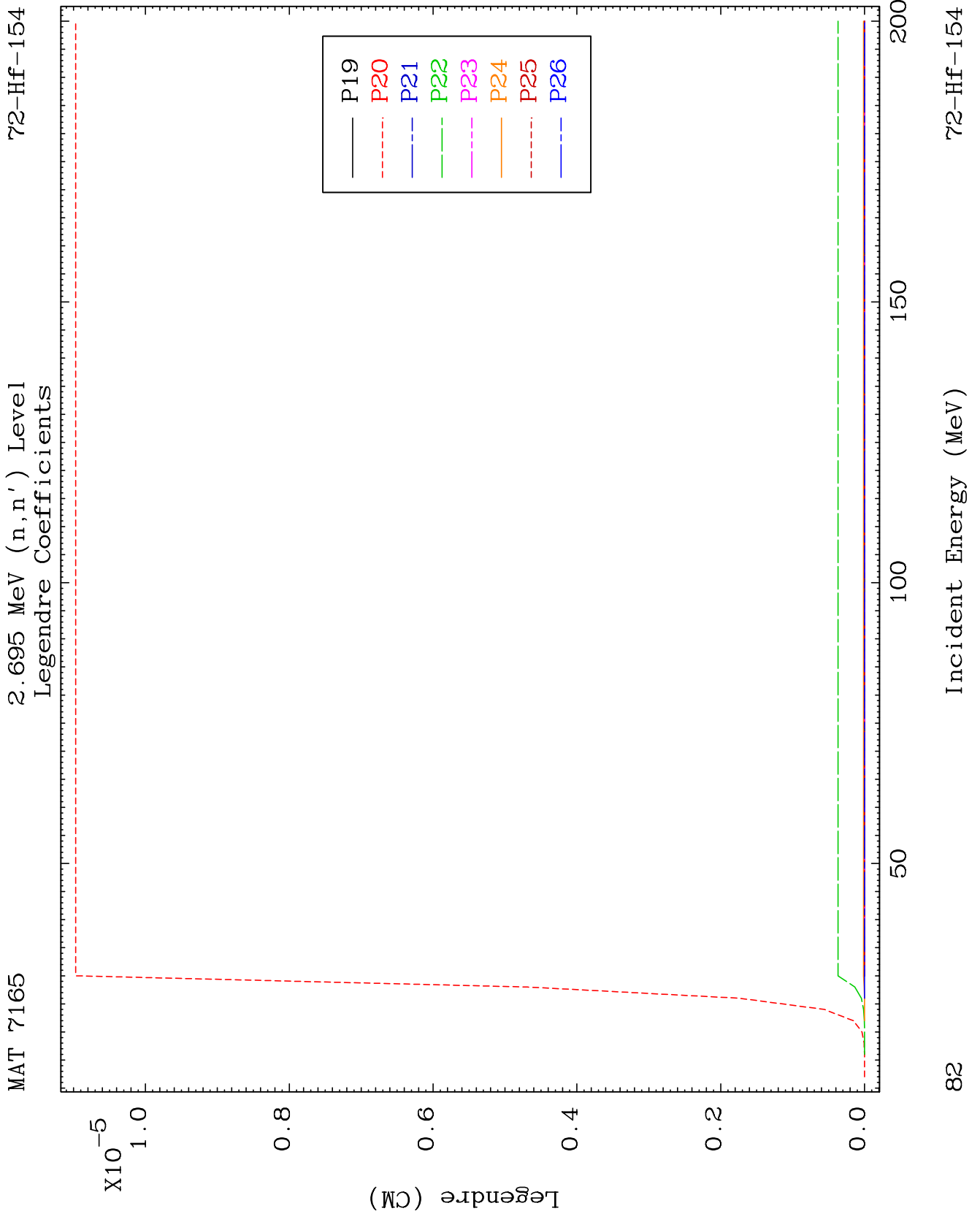
Incident Energy (MeV)

72-Hf-154





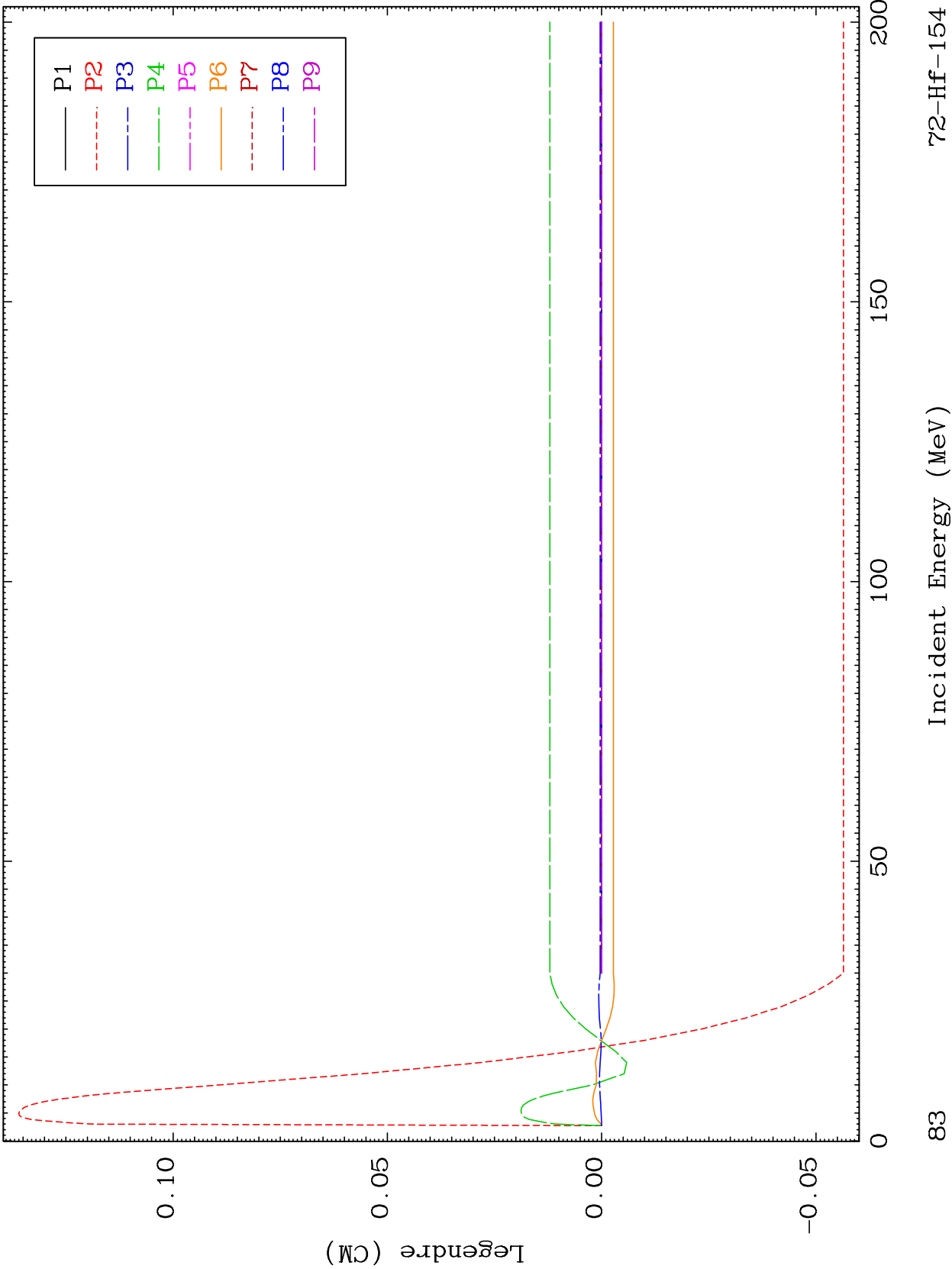




MAT 7165

2.696 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



83

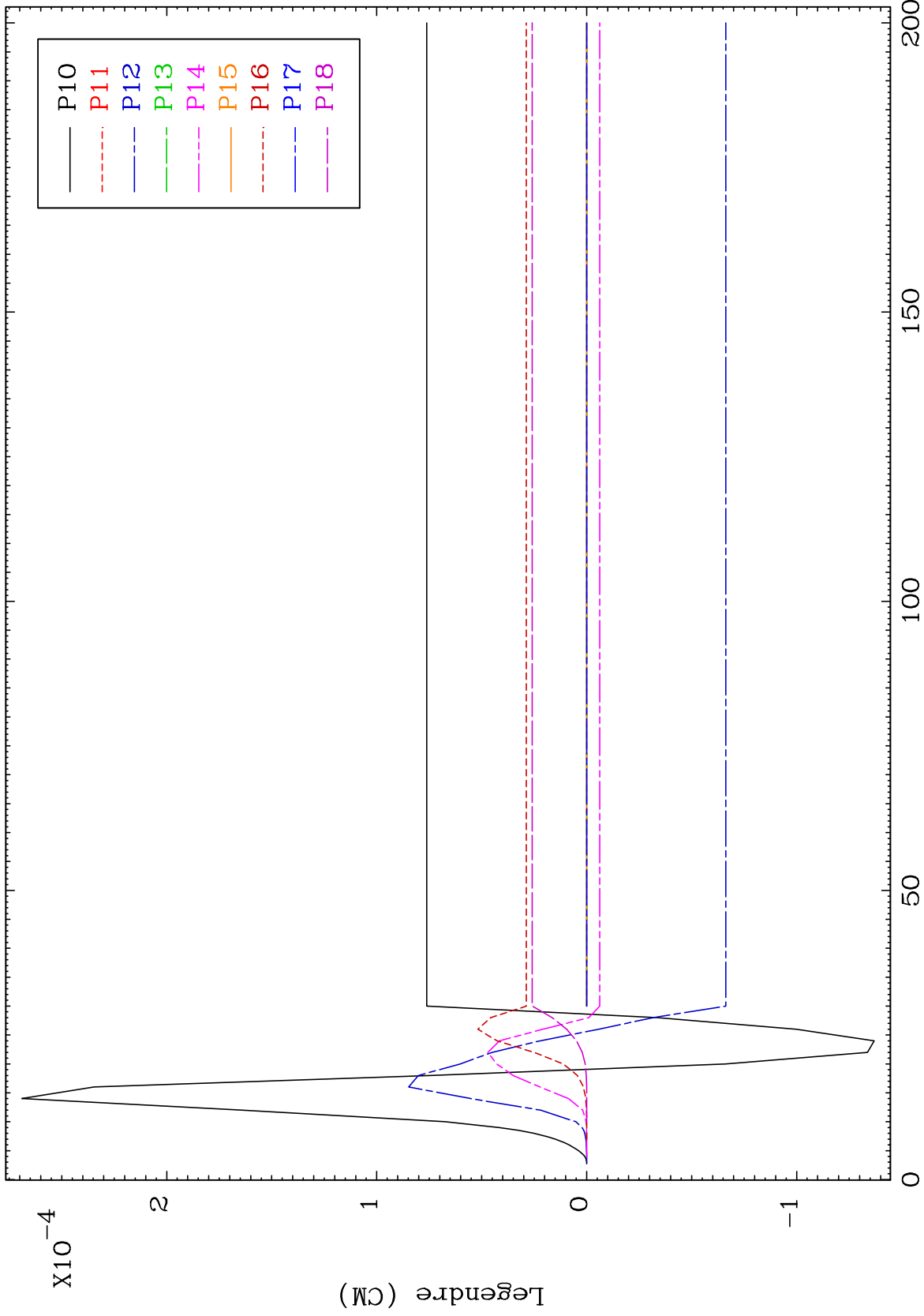
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.696 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



84

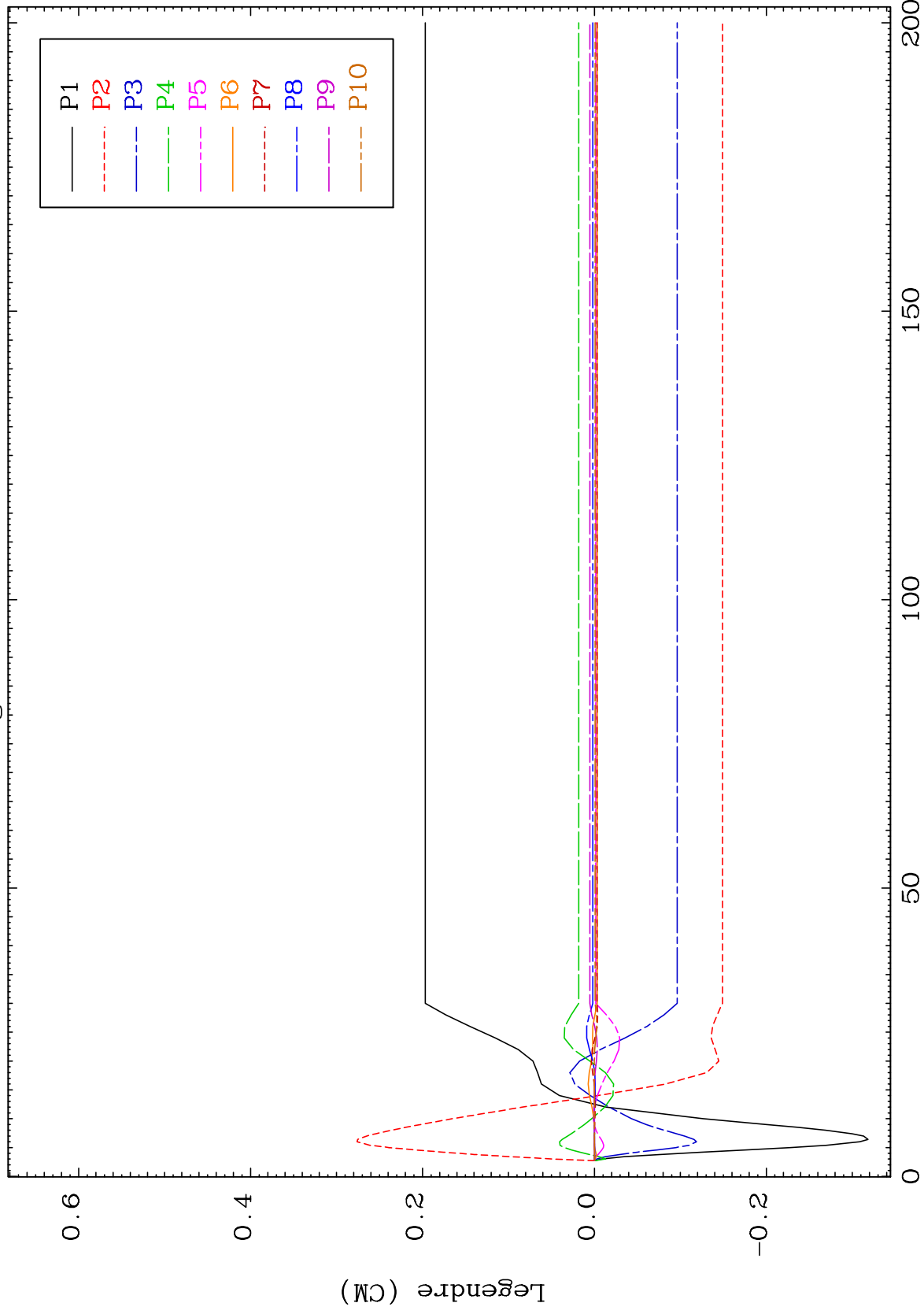
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.696 MeV (n,n') Level
Legendre Coefficients

72-Hf-154



86

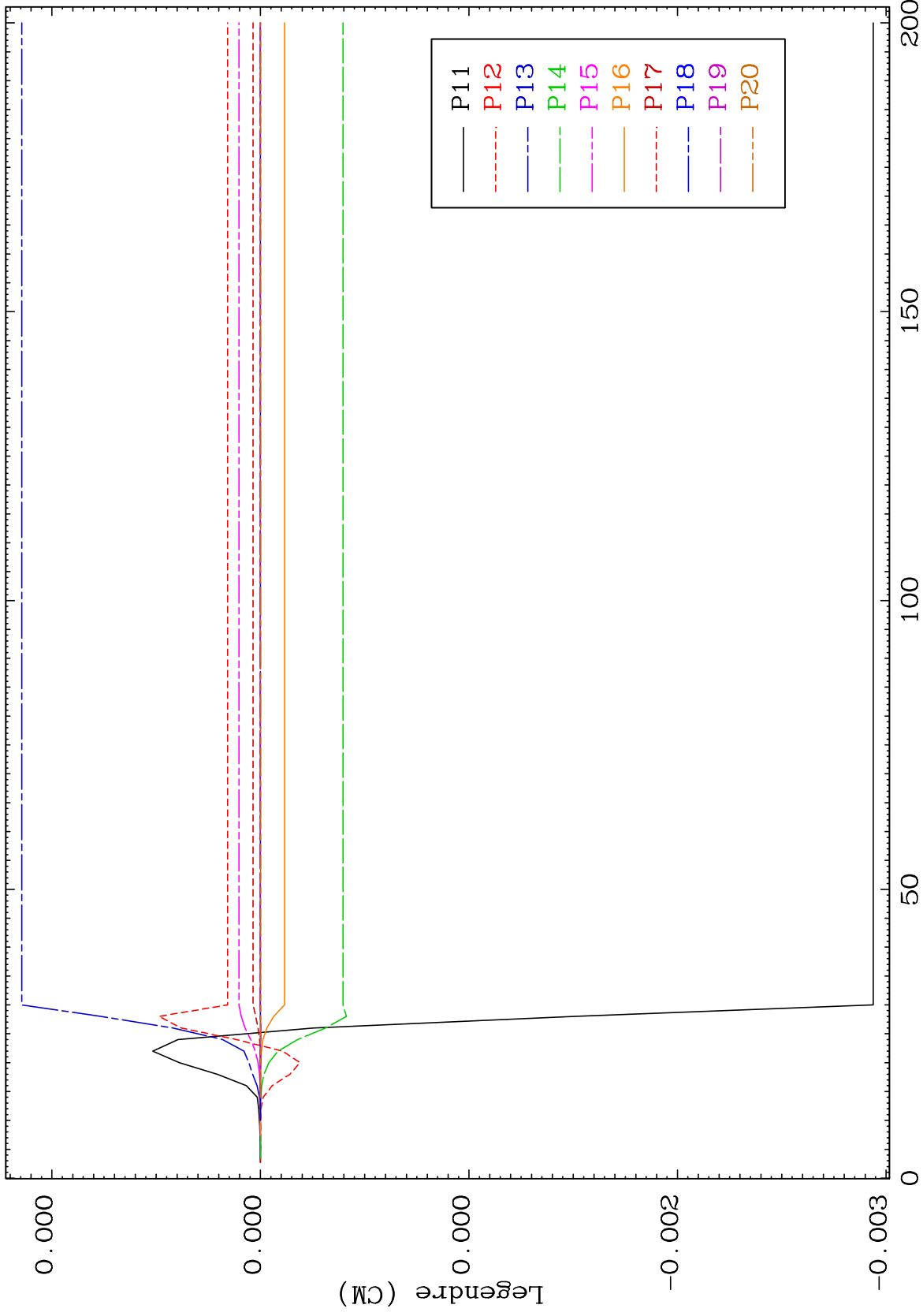
Incident Energy (MeV)

72-Hf-154

MAT 7165

2.696 MeV (n, n') Level
Legendre Coefficients

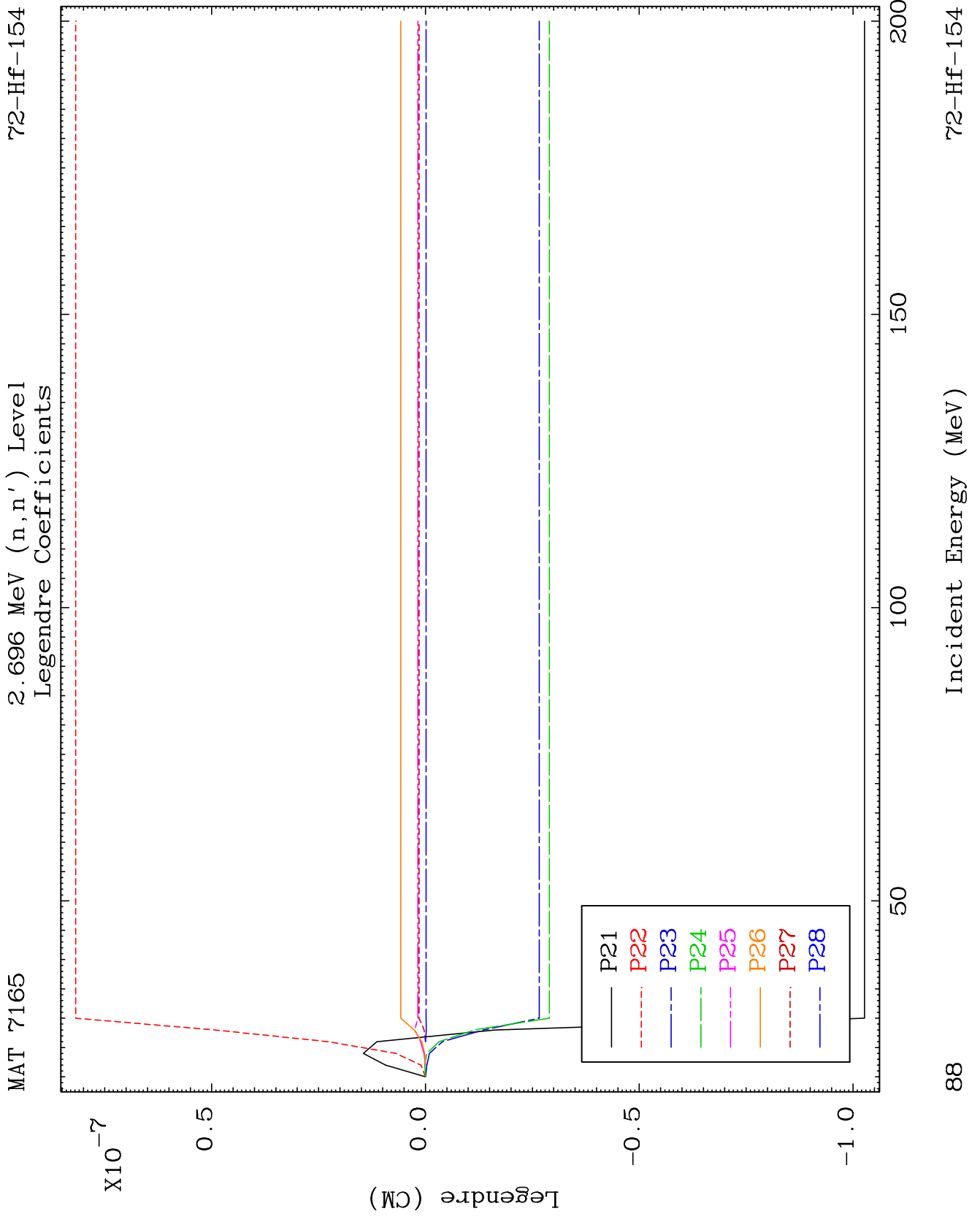
72-Hf-154

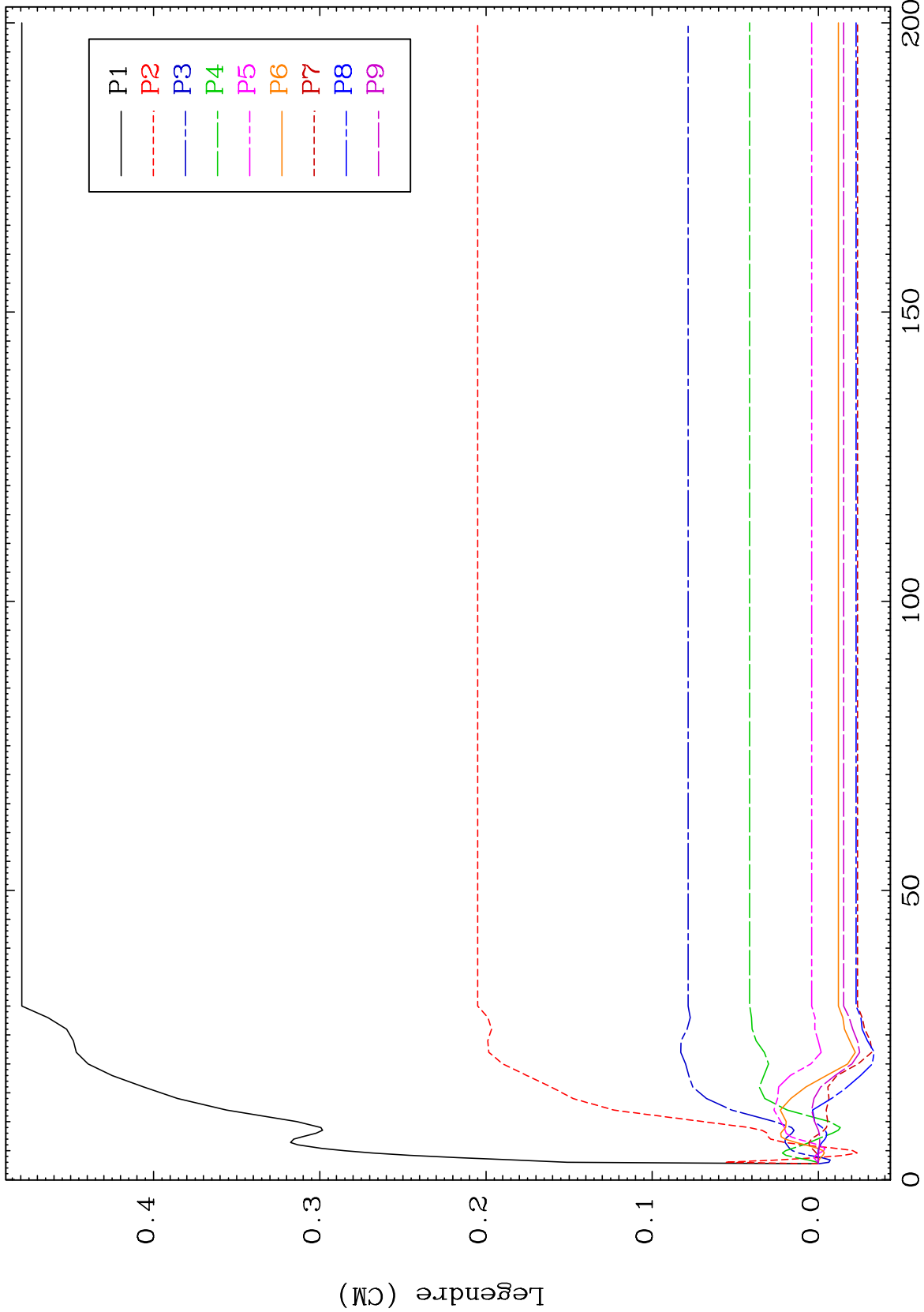


87

Incident Energy (MeV)

72-Hf-154

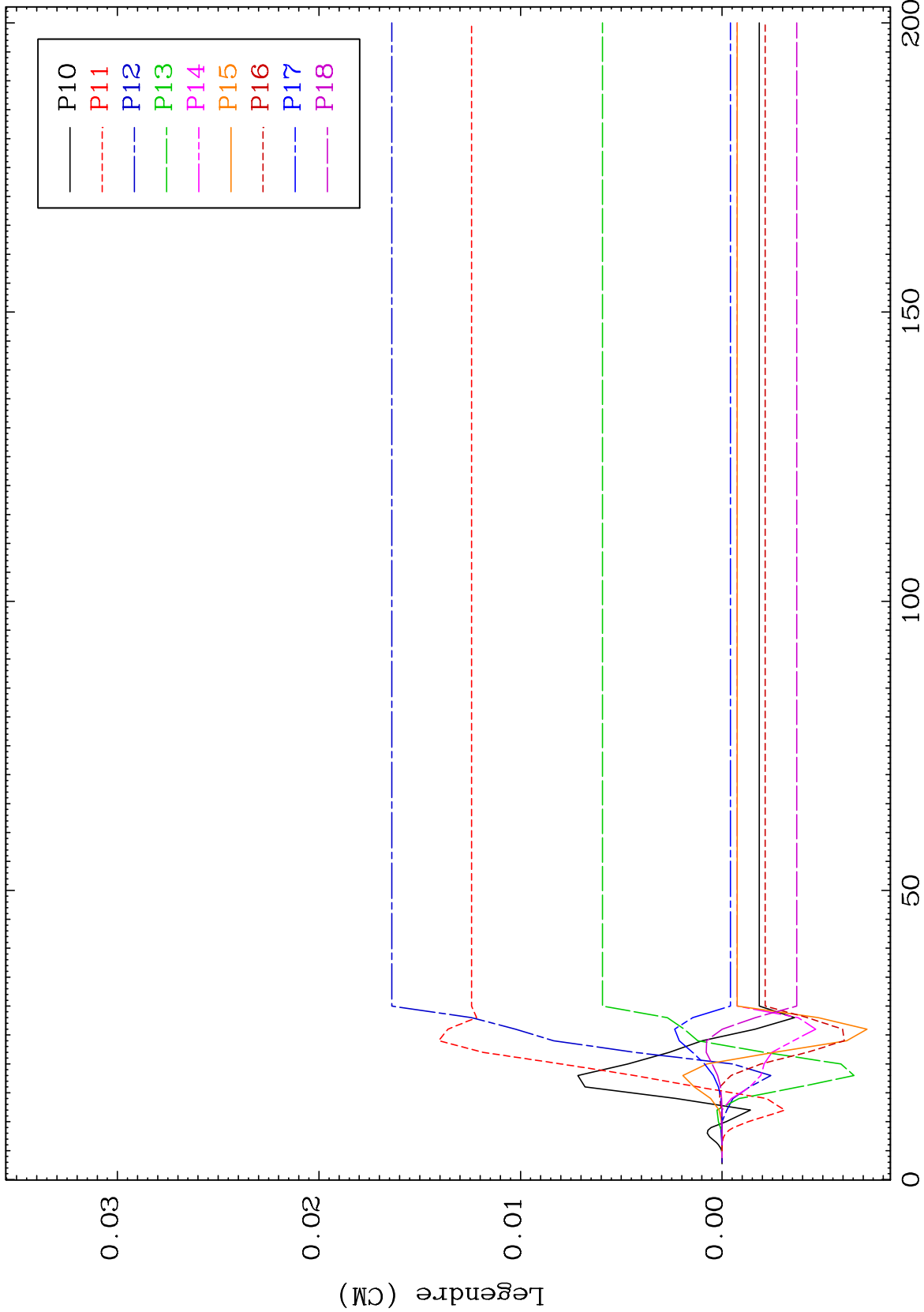




MAT 7165

2.698 MeV (n,n') Level
Legendre Coefficients

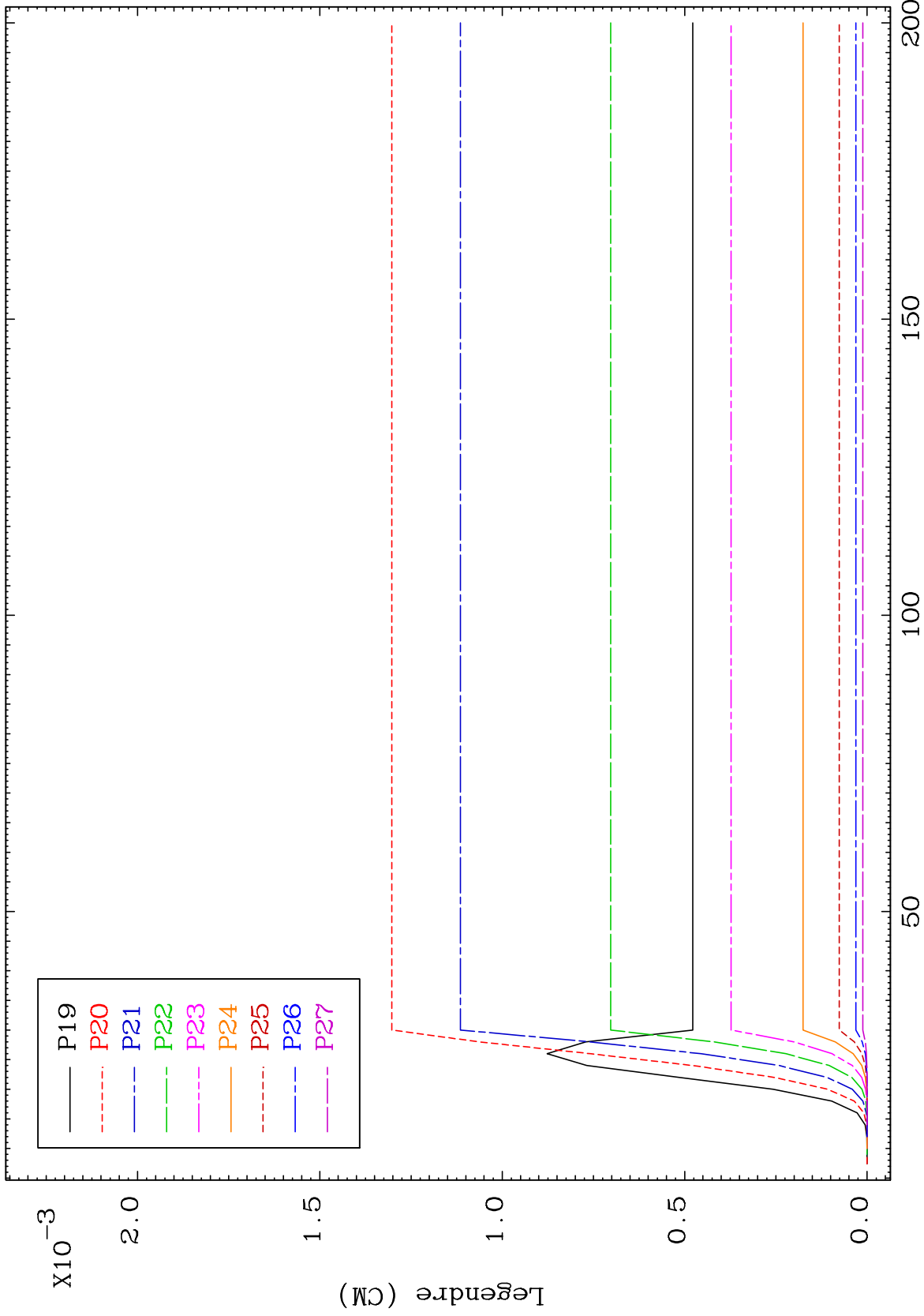
72-Hf-154



90

Incident Energy (MeV)

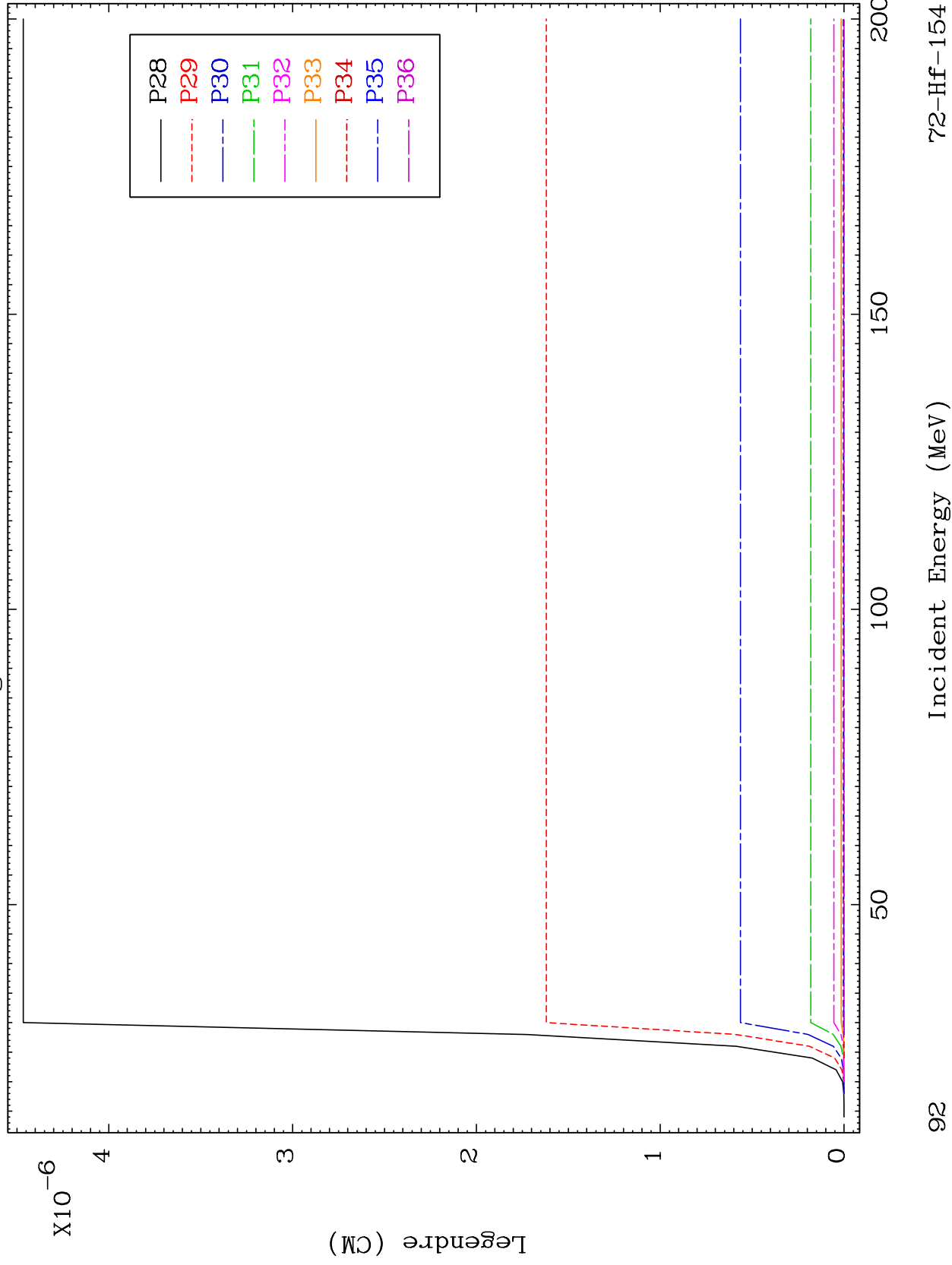
72-Hf-154



MAT 7165

2.698 MeV (n,n') Level
Legendre Coefficients

72-Hf-154

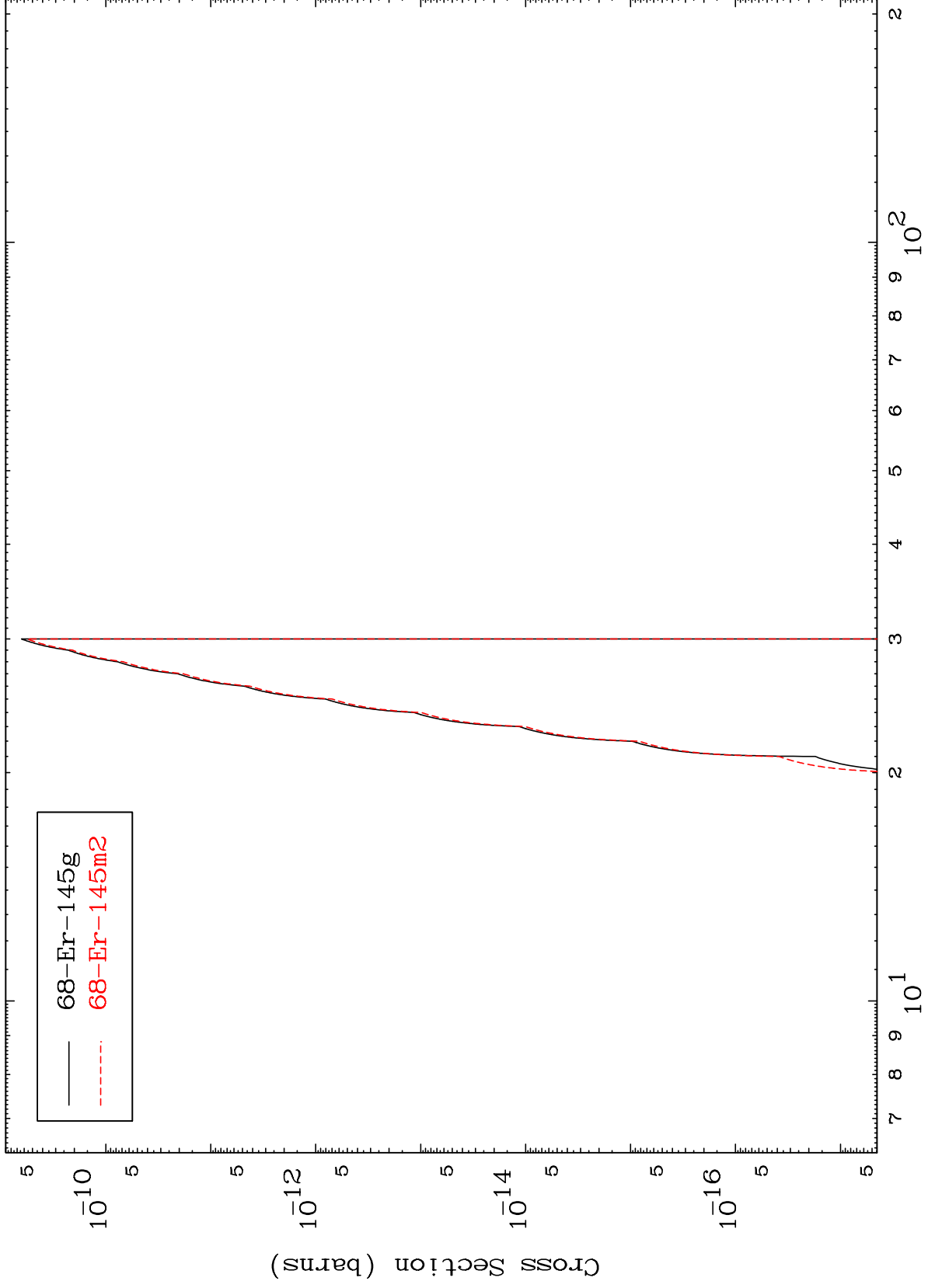


MAT 7165

$(n,2n) 2\alpha$

72-Hf-154

Radionuclide Production Cross Section



93

Incident Energy (MeV)

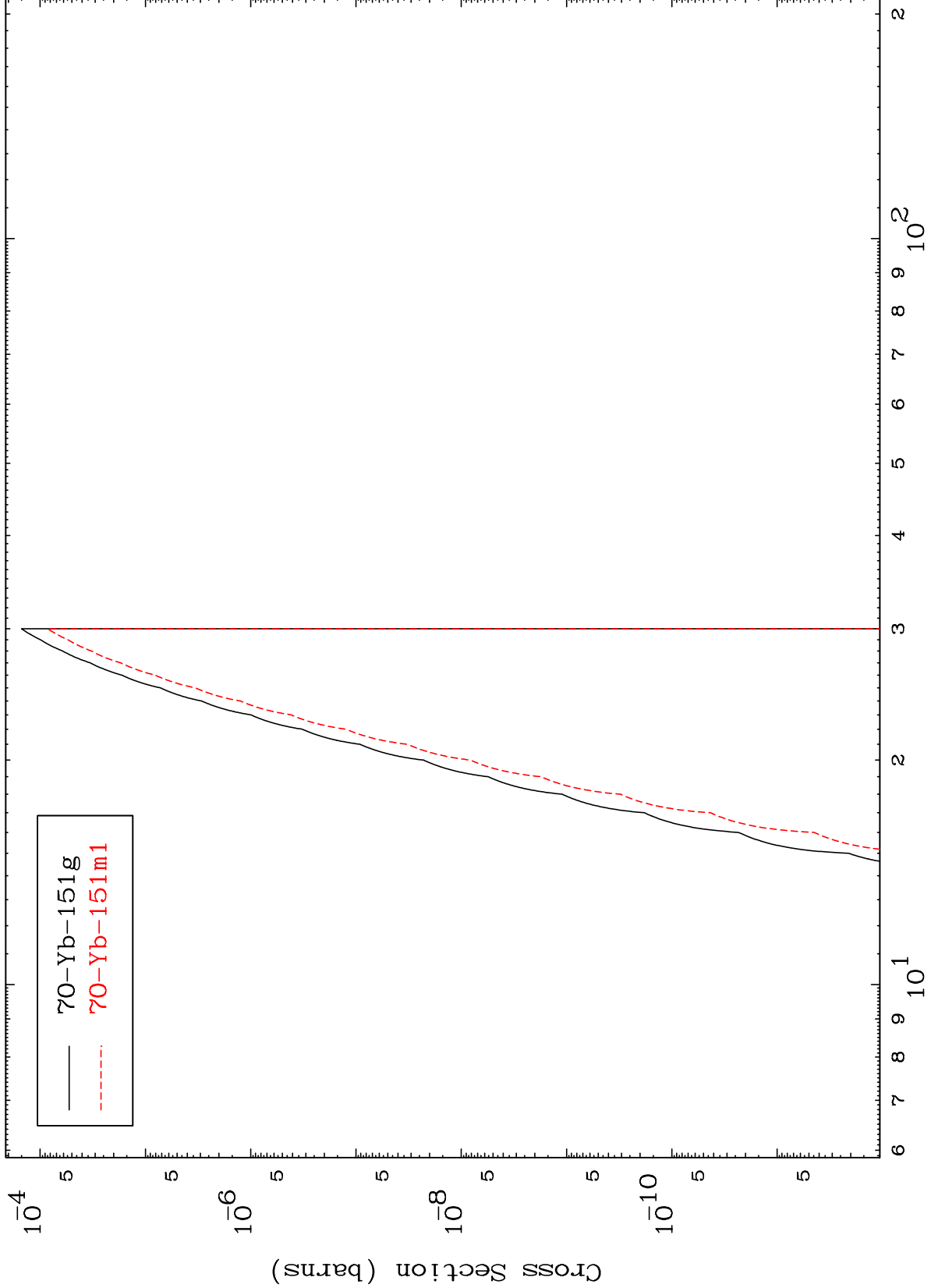
72-Hf-154

MAT 7165

(n,n') He-3

72-Hf-154

Radionuclide Production Cross Section



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

94

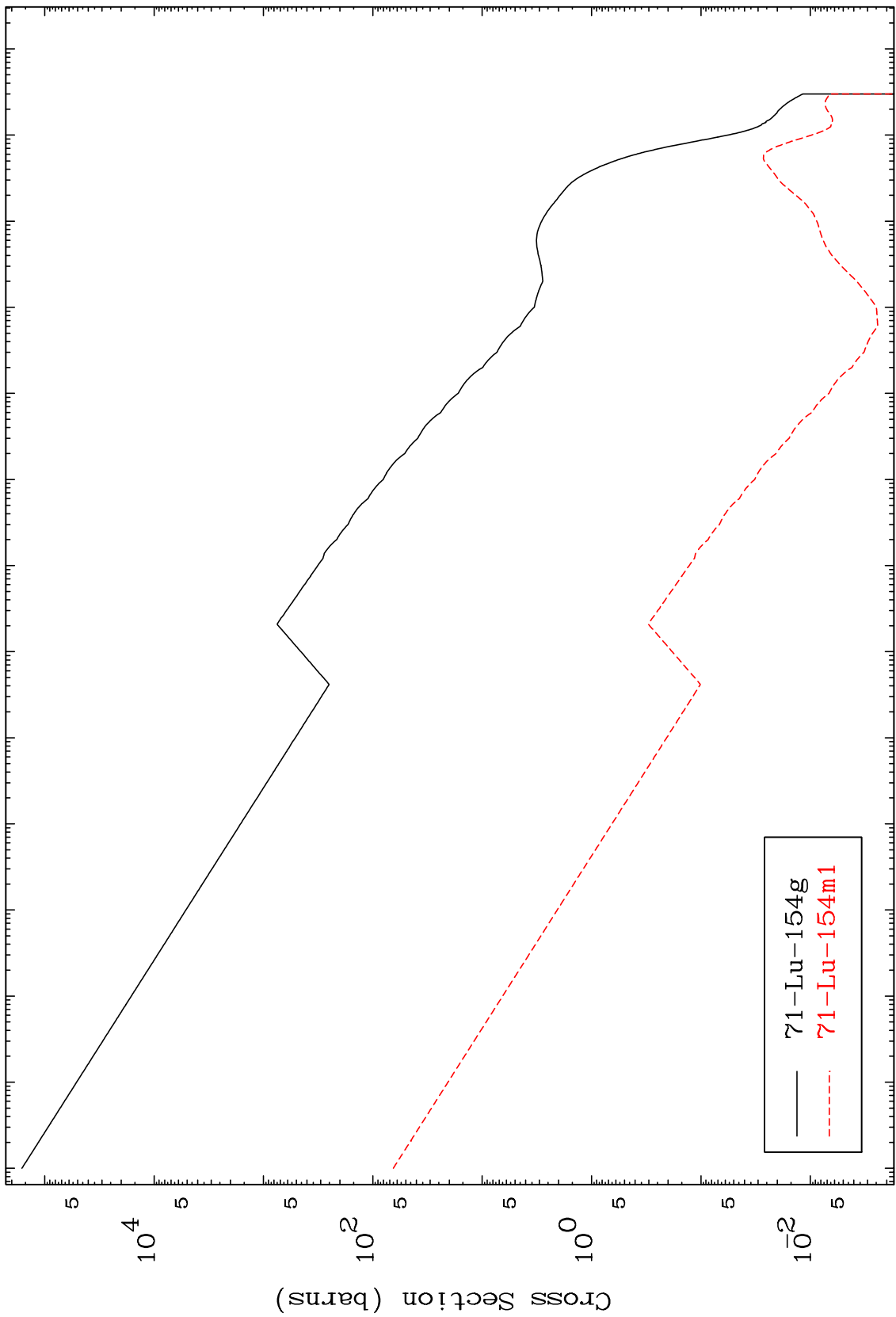
Incident Energy (MeV)

72-Hf-154

MAT 7165

72-Hf-154

(n,p)
Radionuclide Production Cross Section

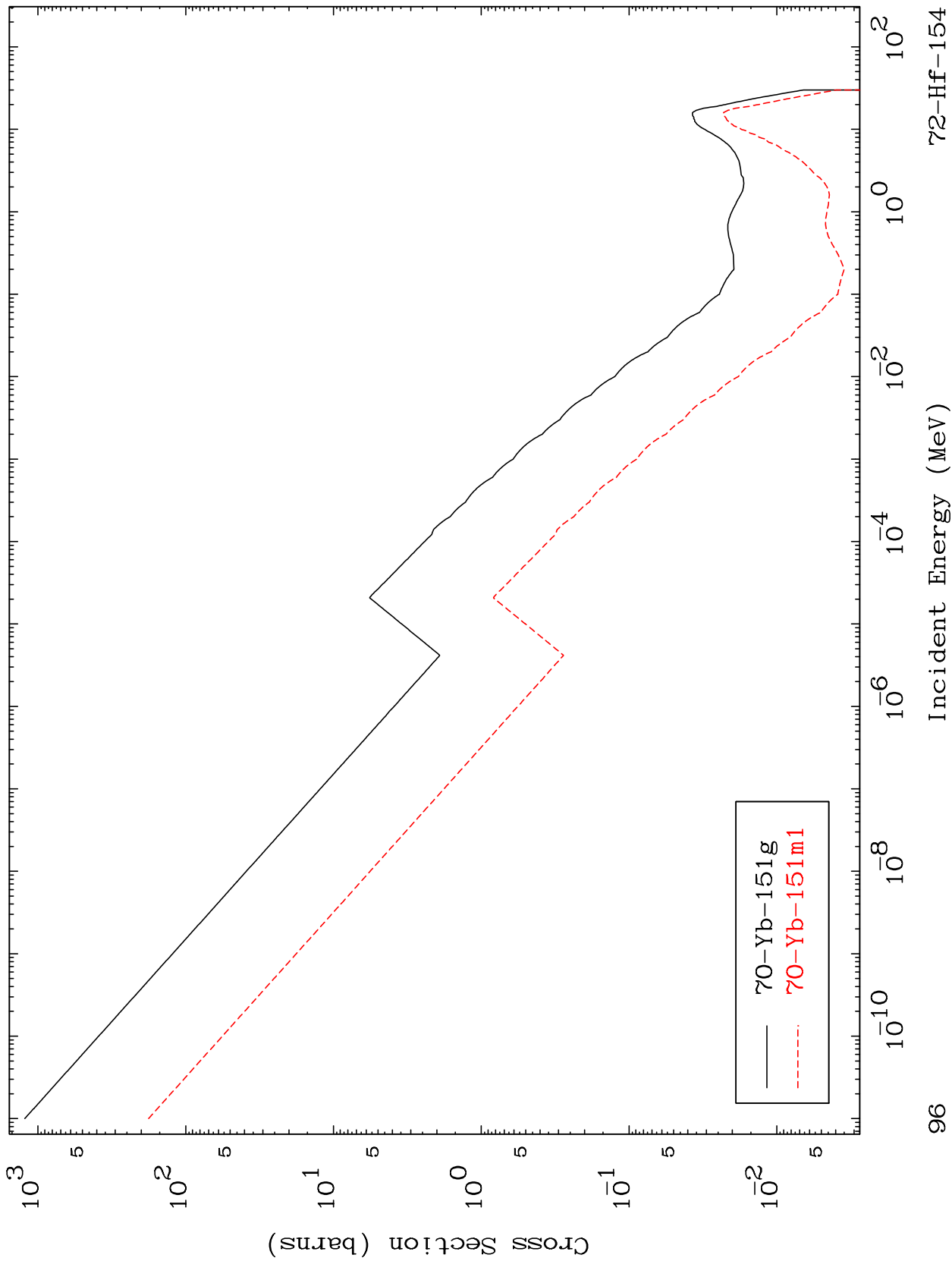


— 71-Lu-154g
- - - 71-Lu-154m1

MAT 7165

72-Hf-154

Radionuclide Production Cross Section
(n, α)

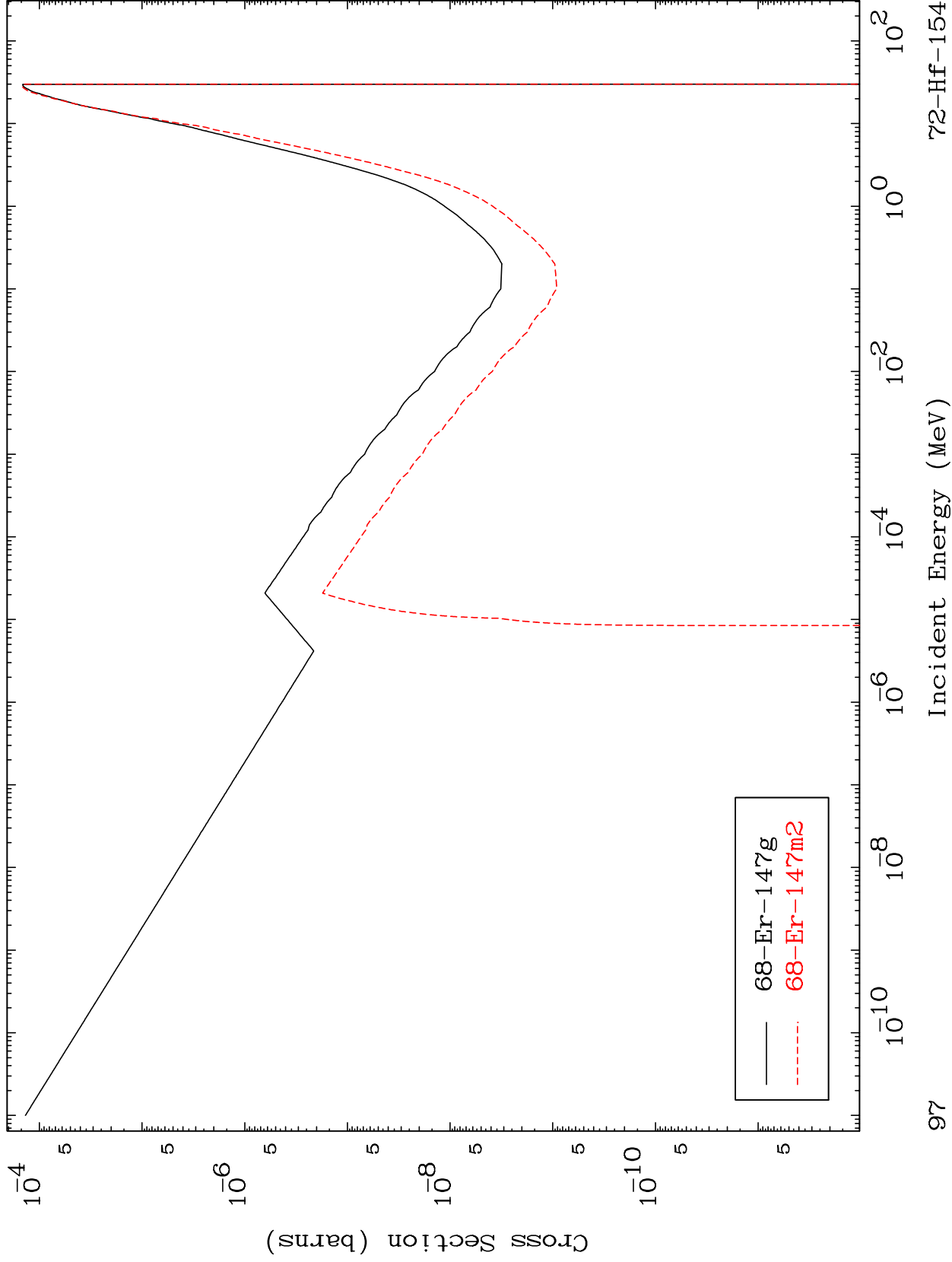


MAT 7165

(n,2α)

72-Hf-154

Radionuclide Production Cross Section

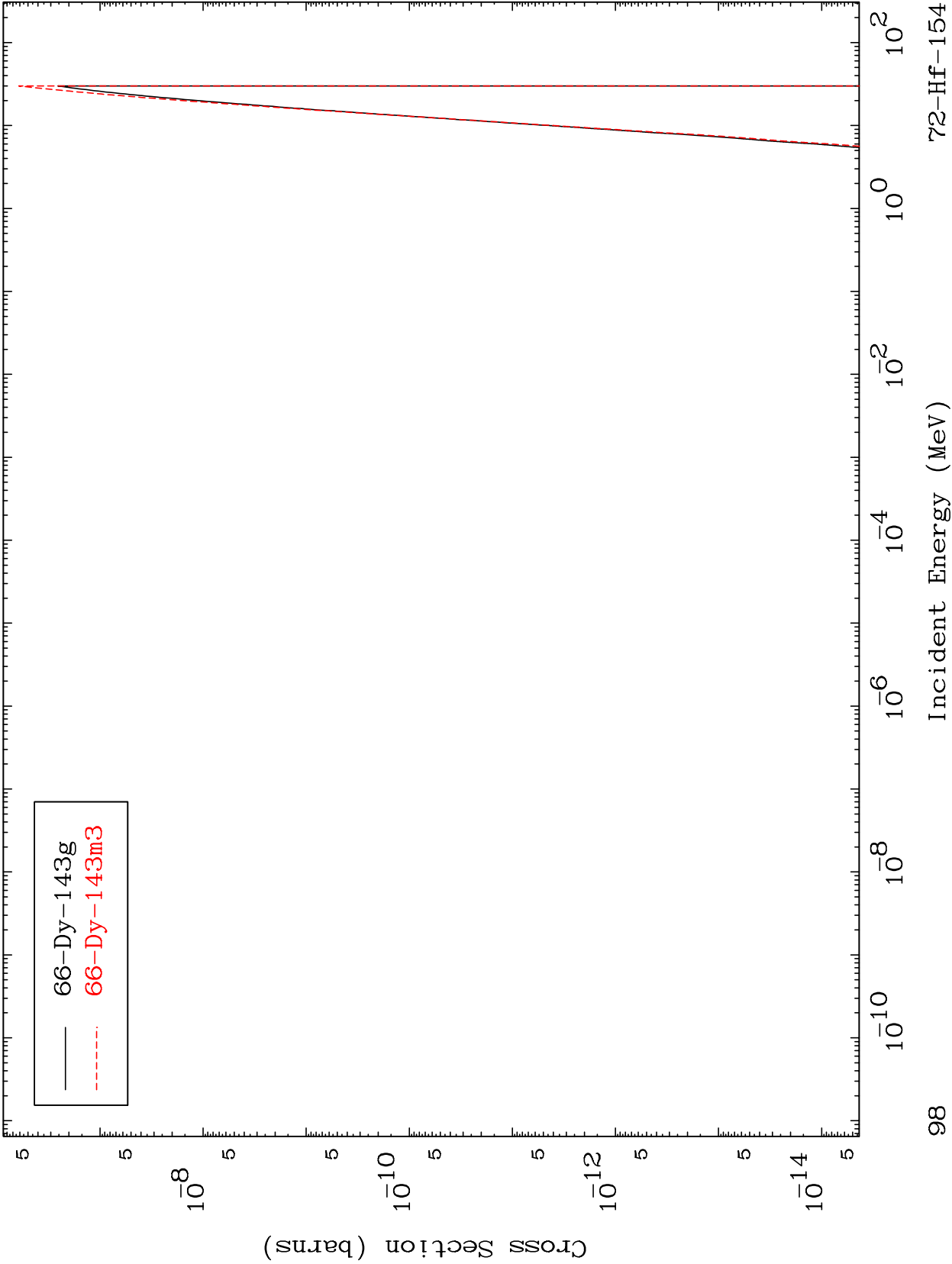


MAT 7165

(n, 3α)

72-Hf-154

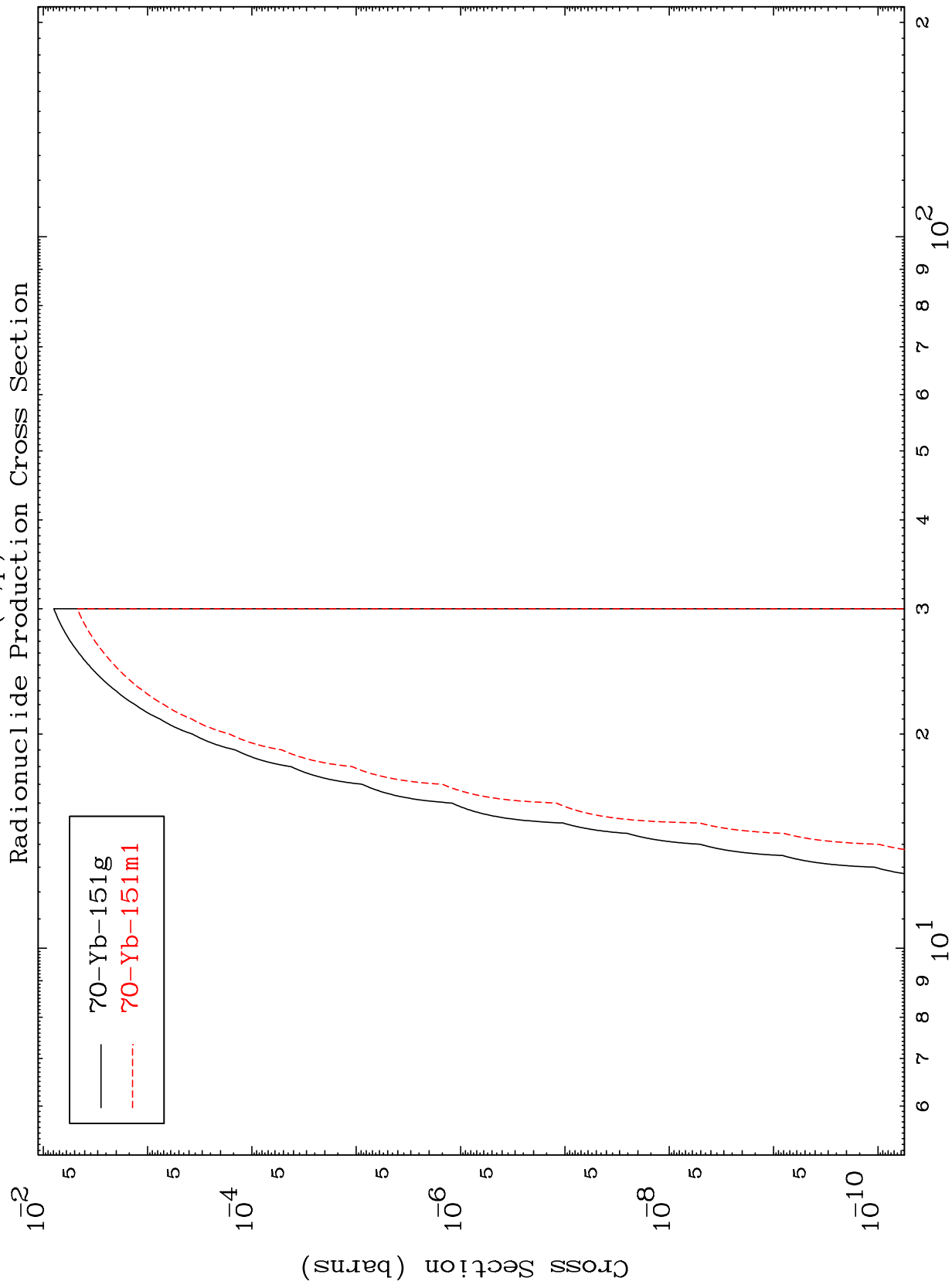
Radionuclide Production Cross Section



MAT 7165

(n,p) t

72-Hf-154



99

Incident Energy (MeV)

72-Hf-154