

Program EVALPLOT
(Version 2021-1)

by

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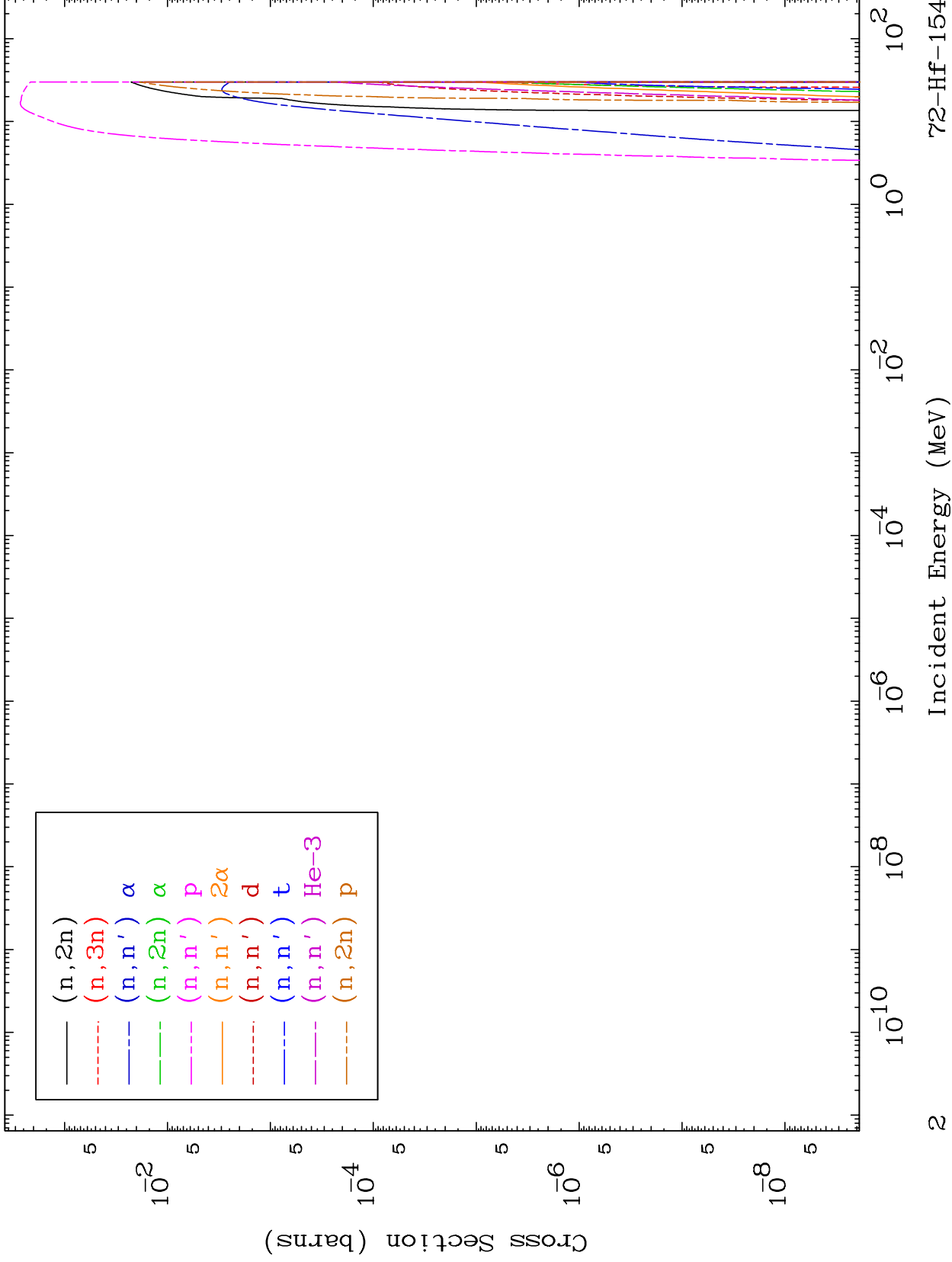
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7165

Neutron Absorption
293 Kelvin Cross Sections

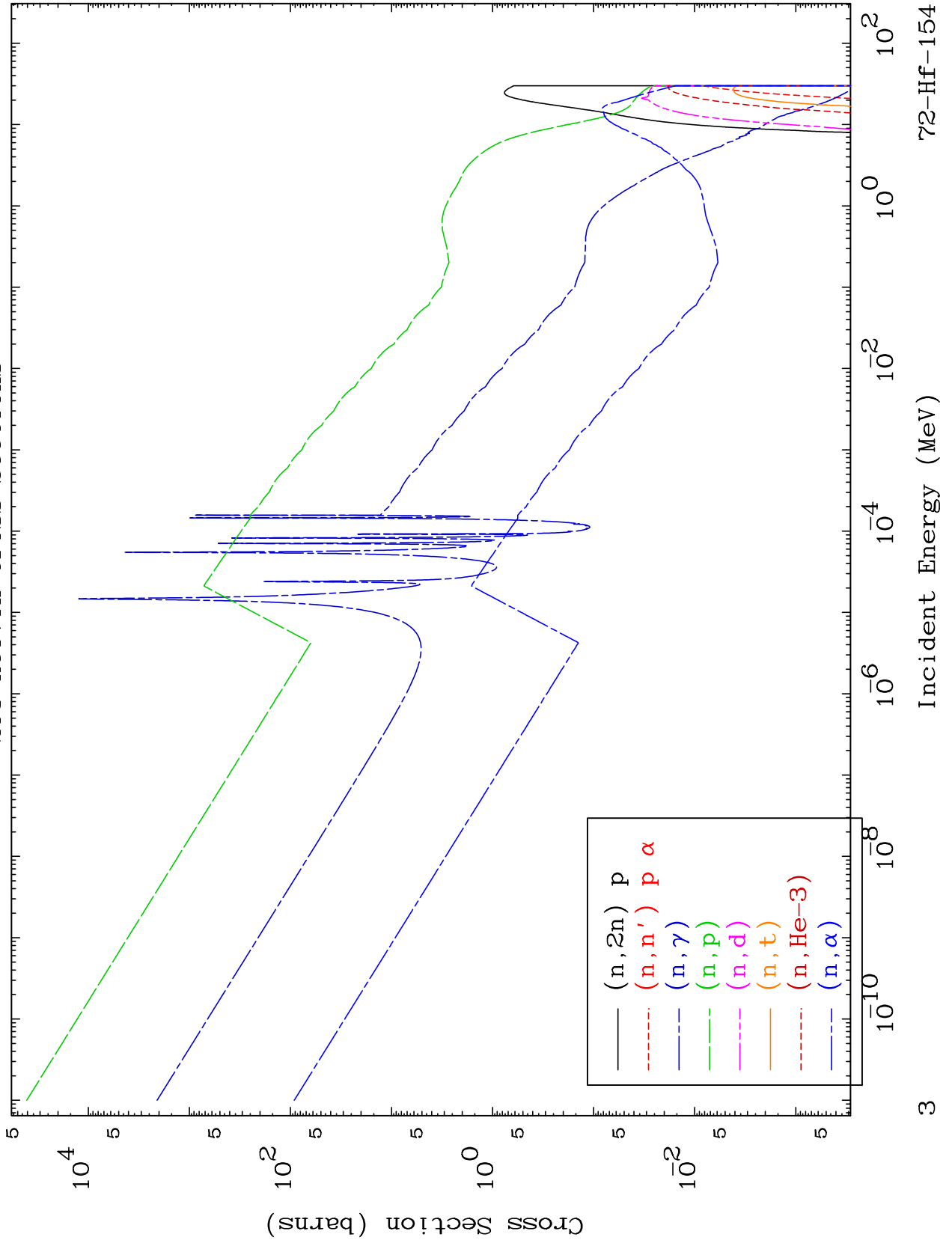
72-Hf-154



MAT 7165

Neutron Absorption
293 Kelvin Cross Sections

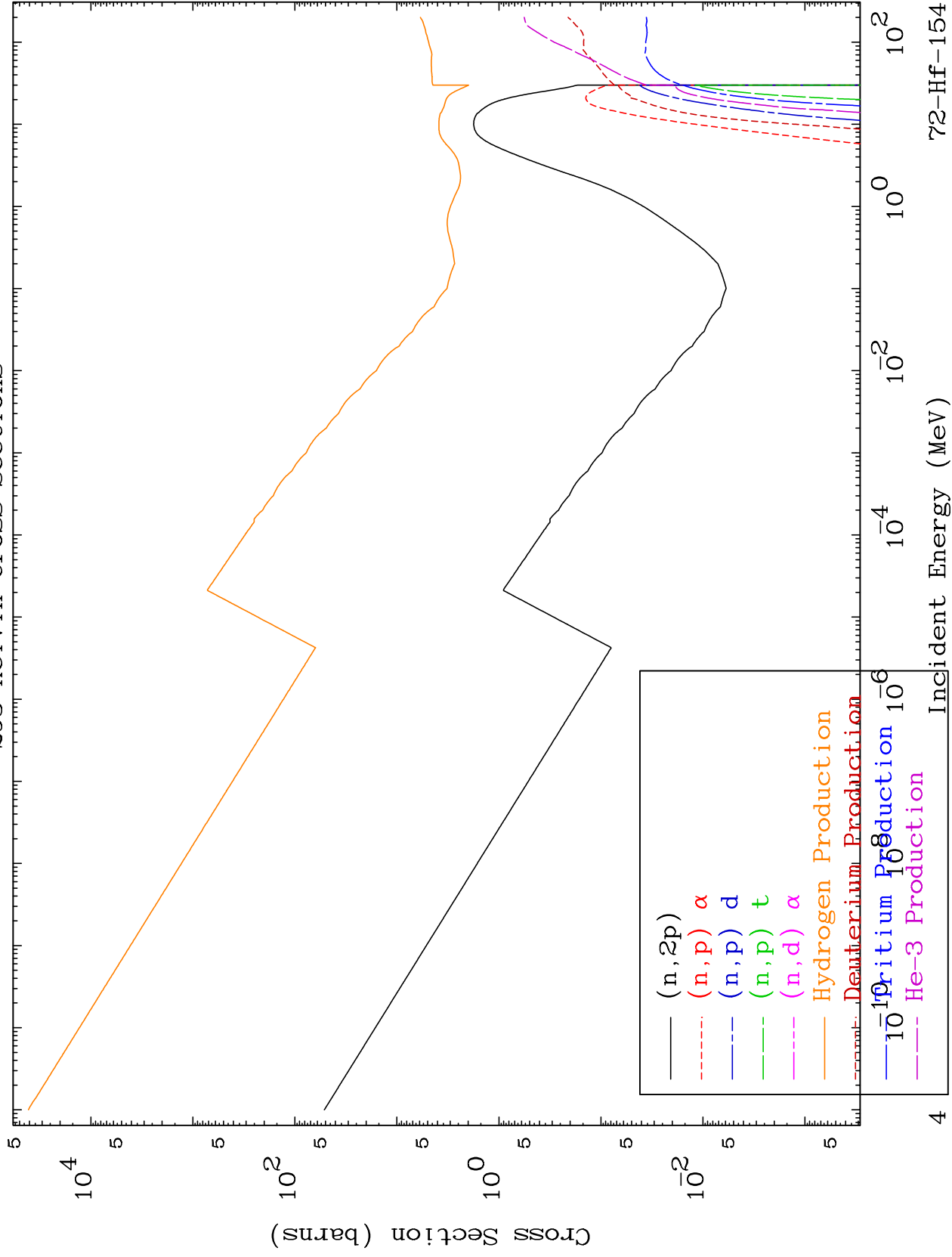
72-Hf-154



MAT 7165

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-154



72-Hf-154

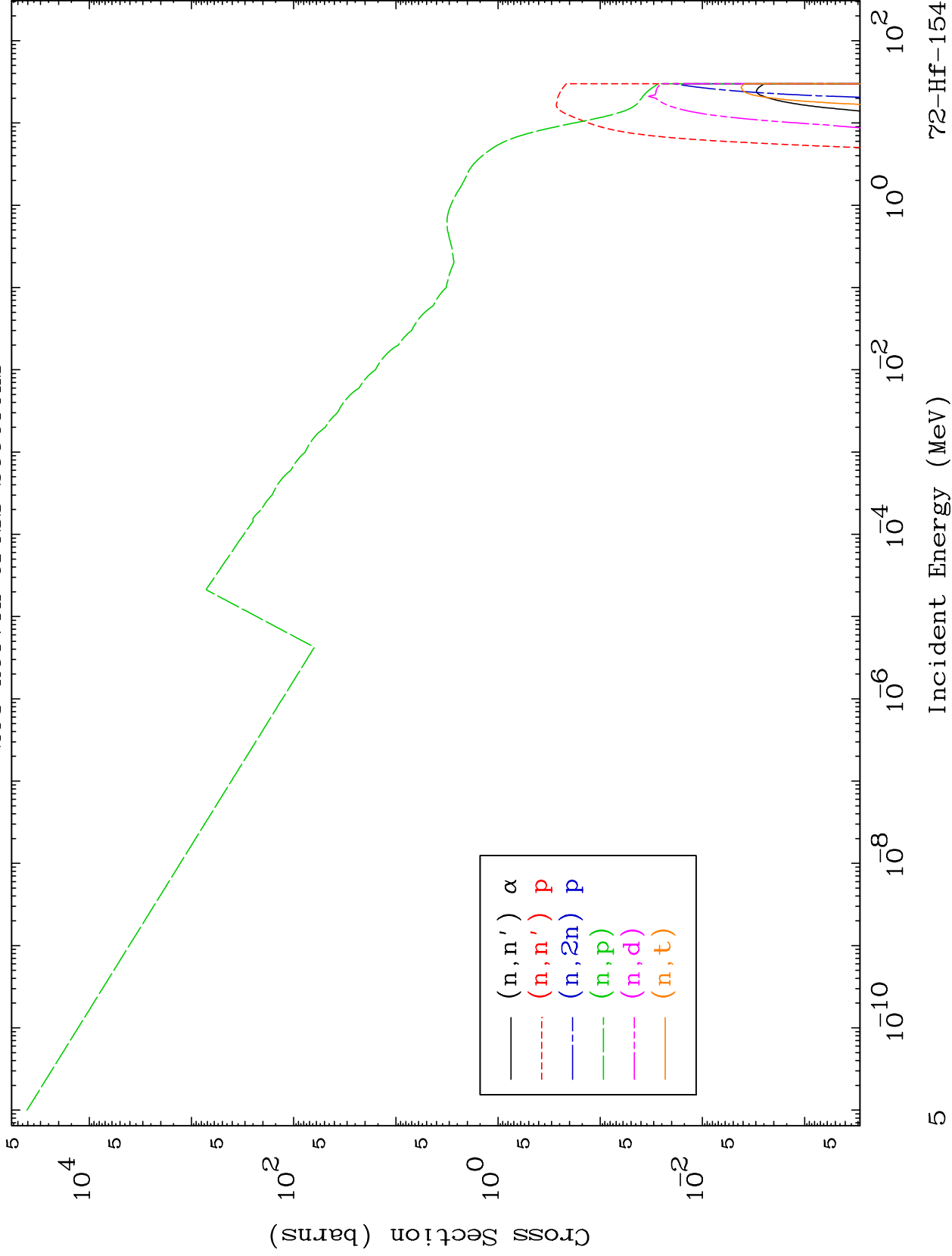
Incident Energy (MeV)

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MAT 7165

Charged Particle
293 Kelvin Cross Sections

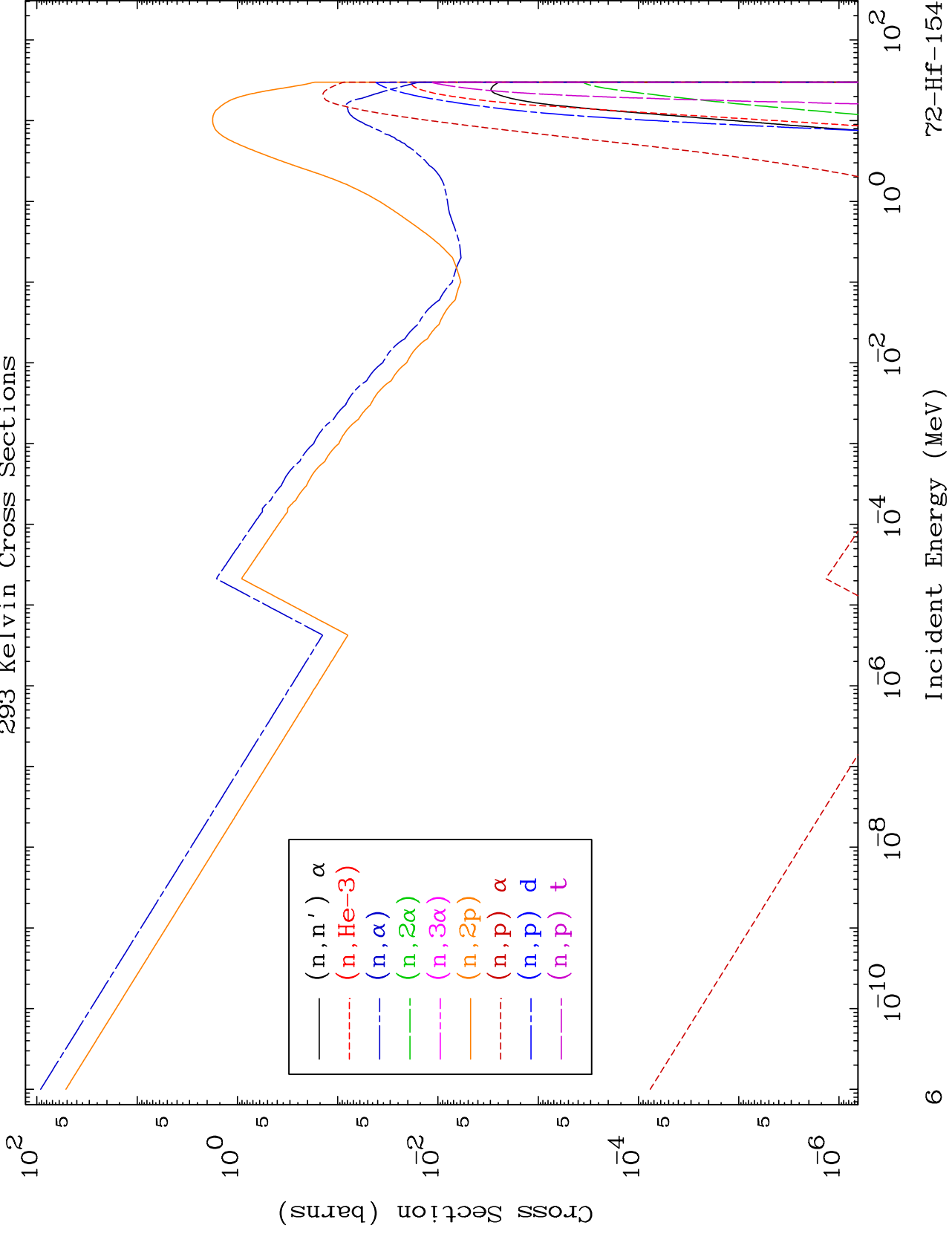
72-Hf-154



MAT 7165

Charged Particle
293 Kelvin Cross Sections

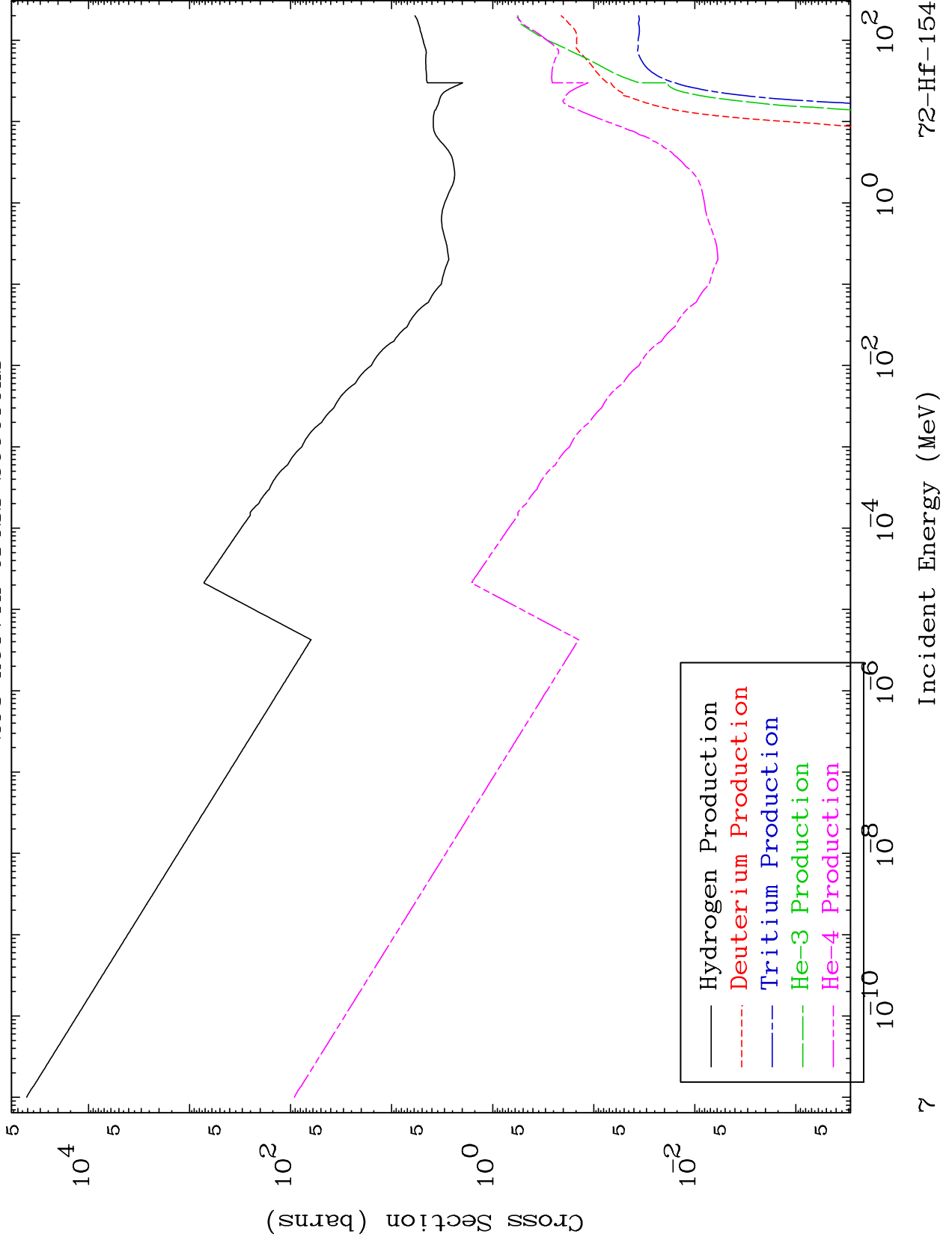
72-Hf-154



MAT 7165

Particle Production
293 Kelvin Cross Sections

72-Hf-154

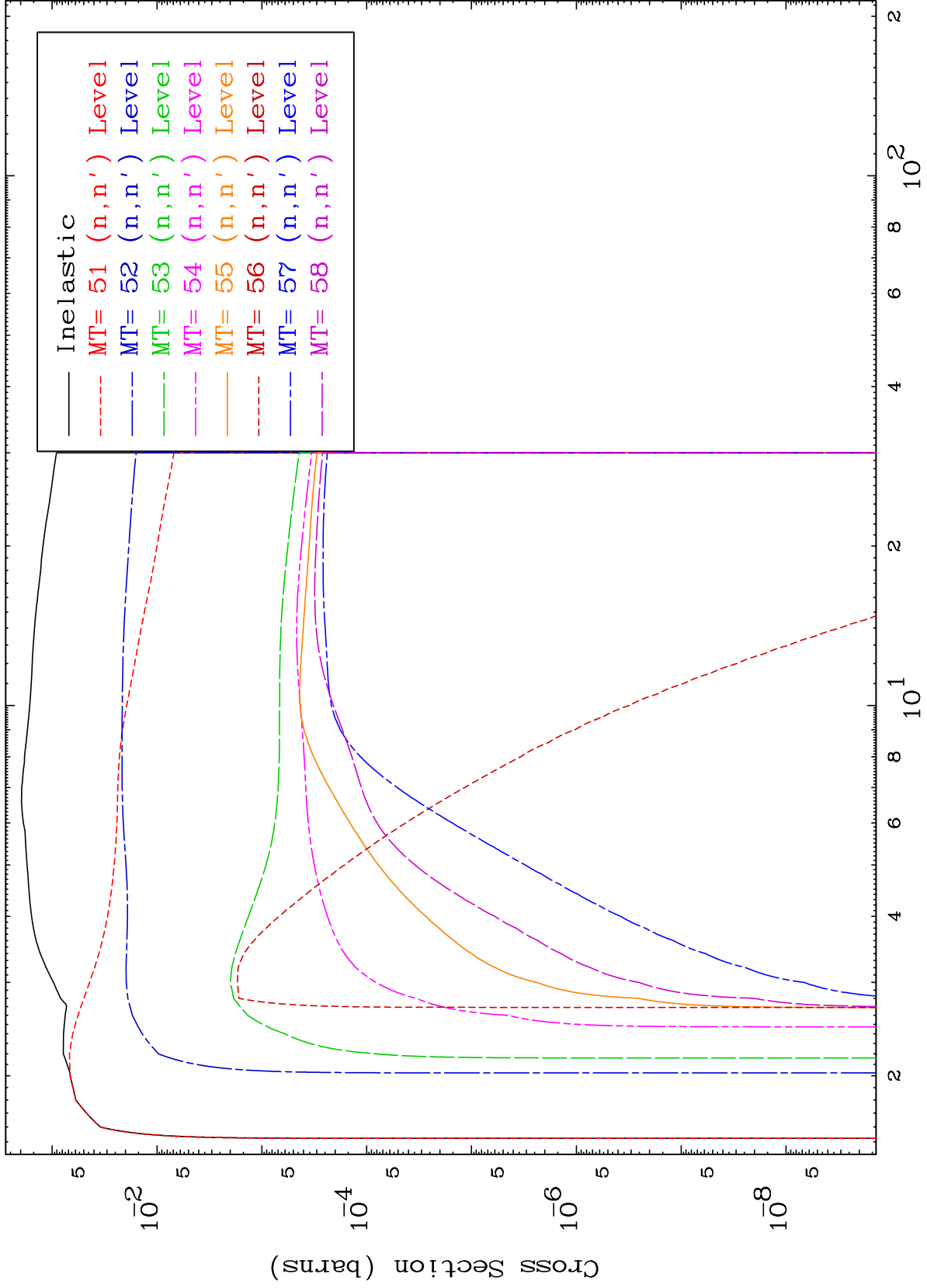


MAT 7165

(n,n') Levels

72-Hf-154

293 Kelvin Cross Sections

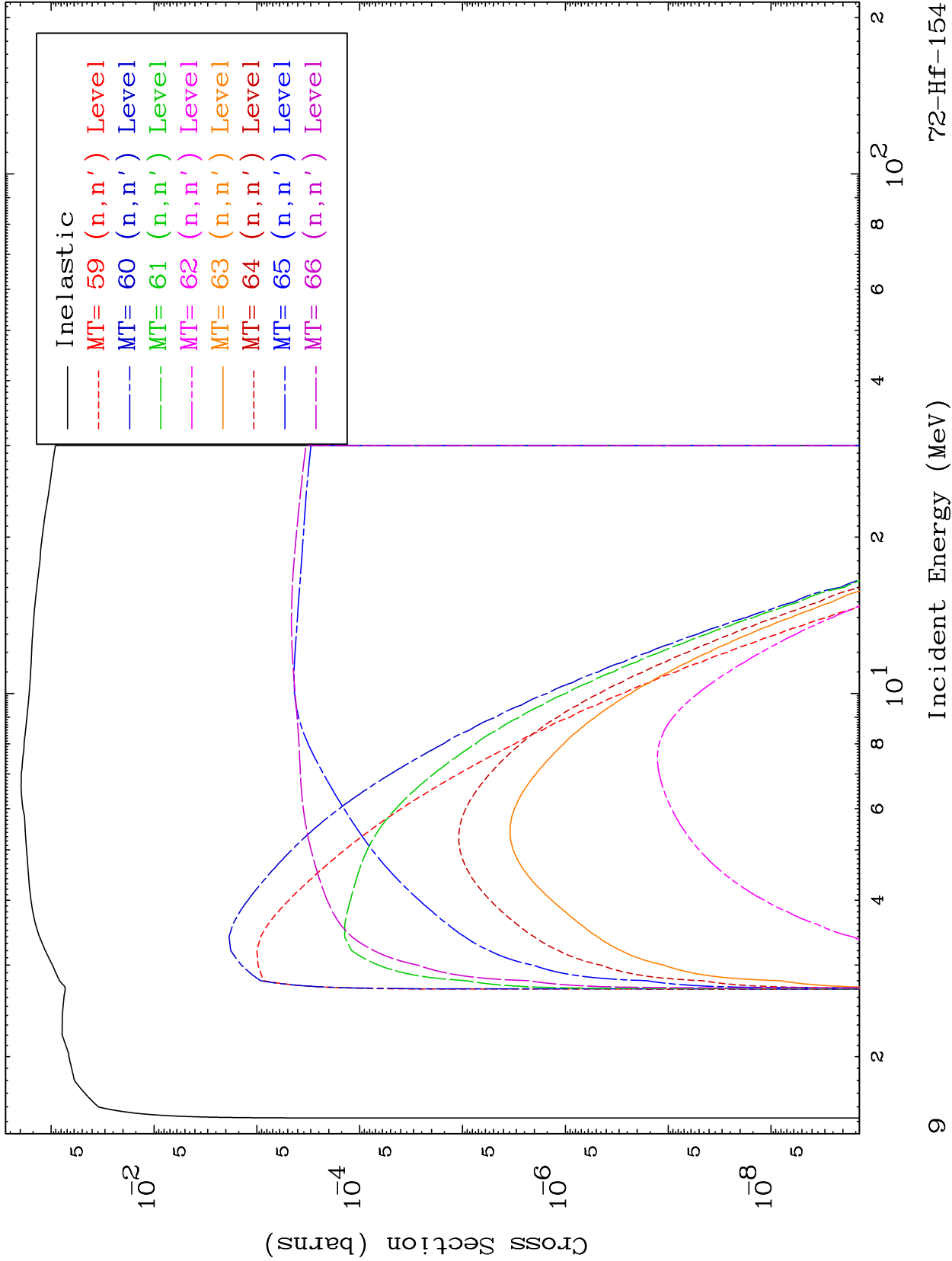


8

Incident Energy (MeV)

72-Hf-154

293 Kelvin Cross Sections

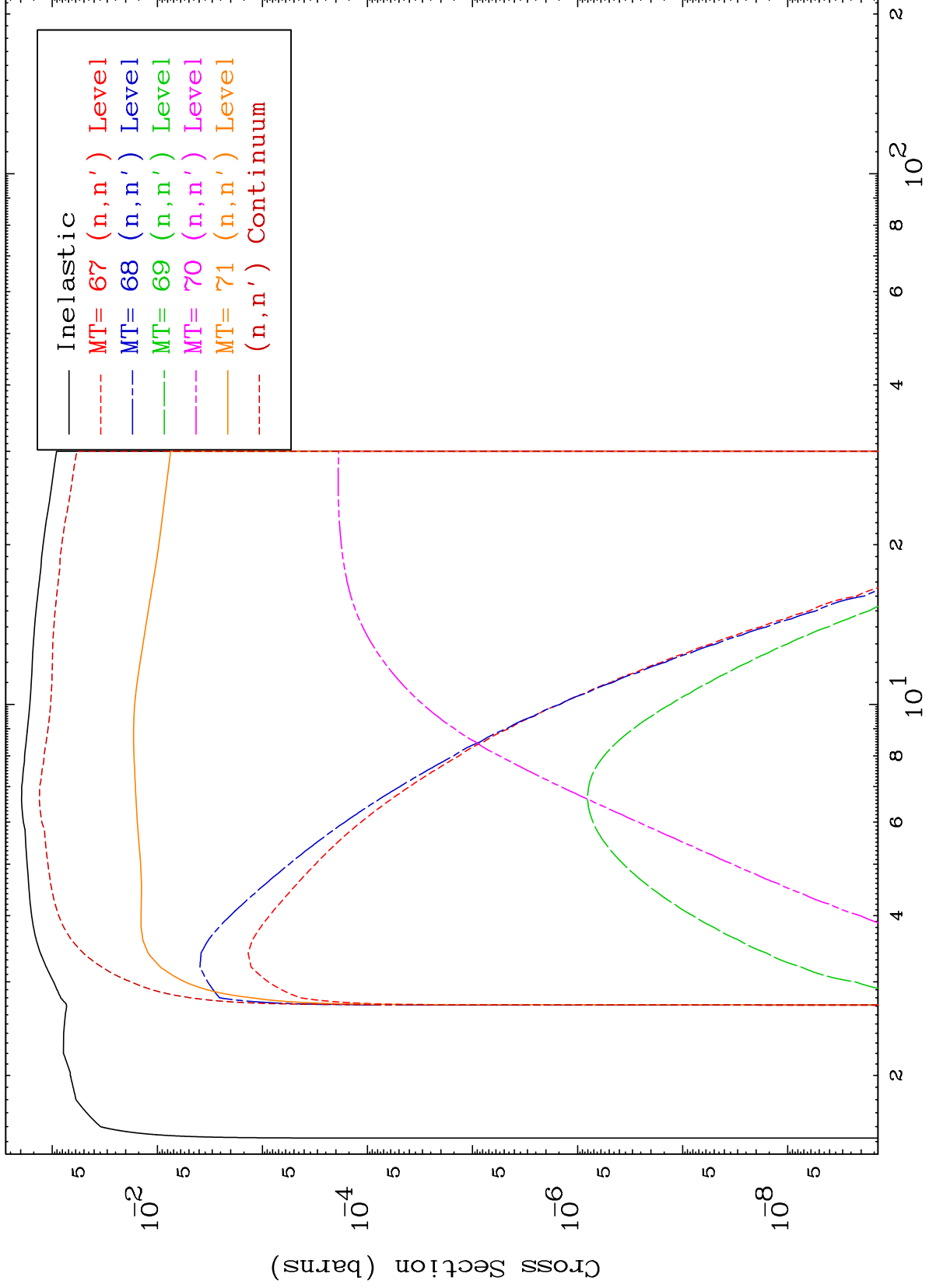


MAT 7165

(n,n') Levels

72-Hf-154

293 Kelvin Cross Sections



10

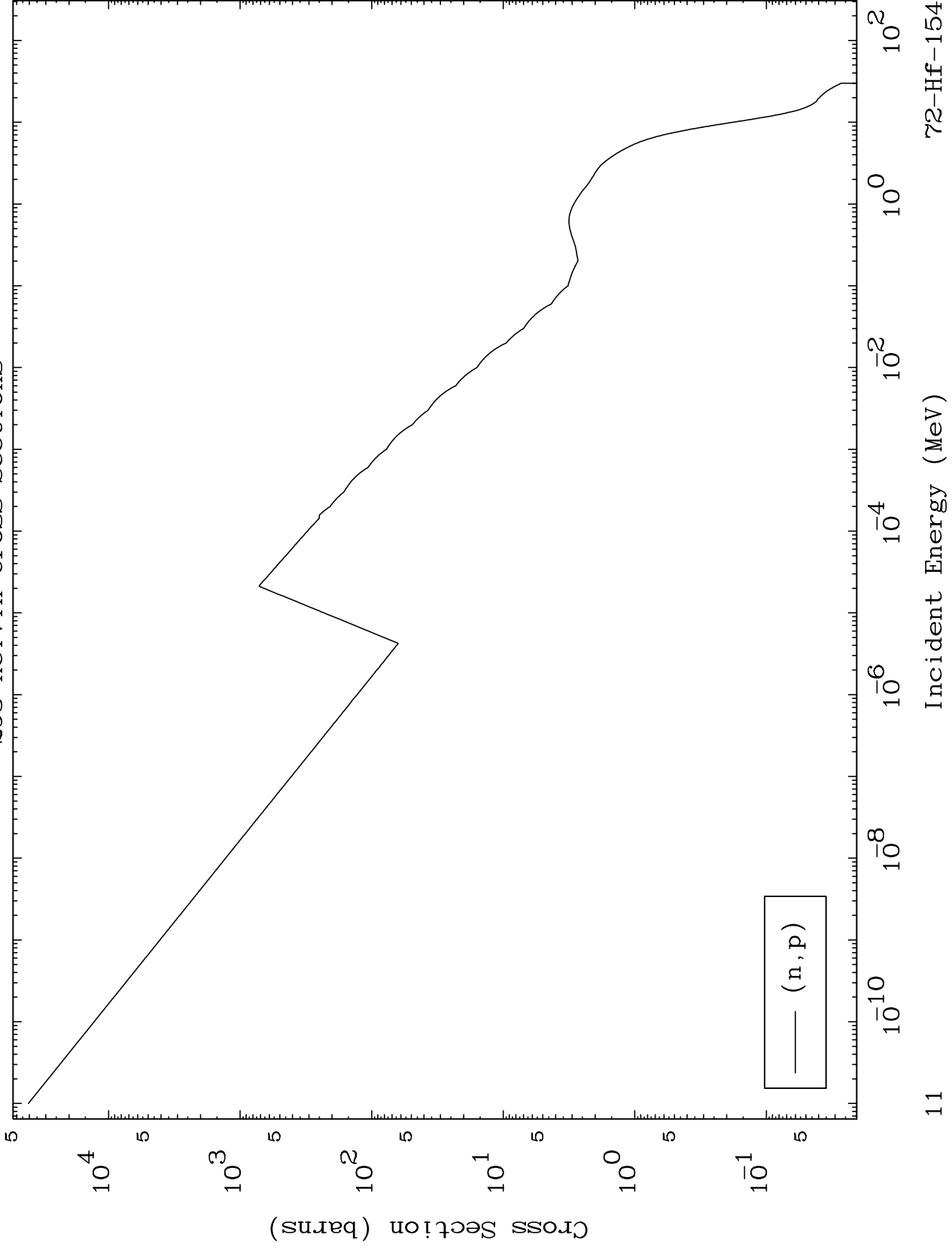
Incident Energy (MeV)

72-Hf-154

MAT 7165

(n,p) Levels
293 Kelvin Cross Sections

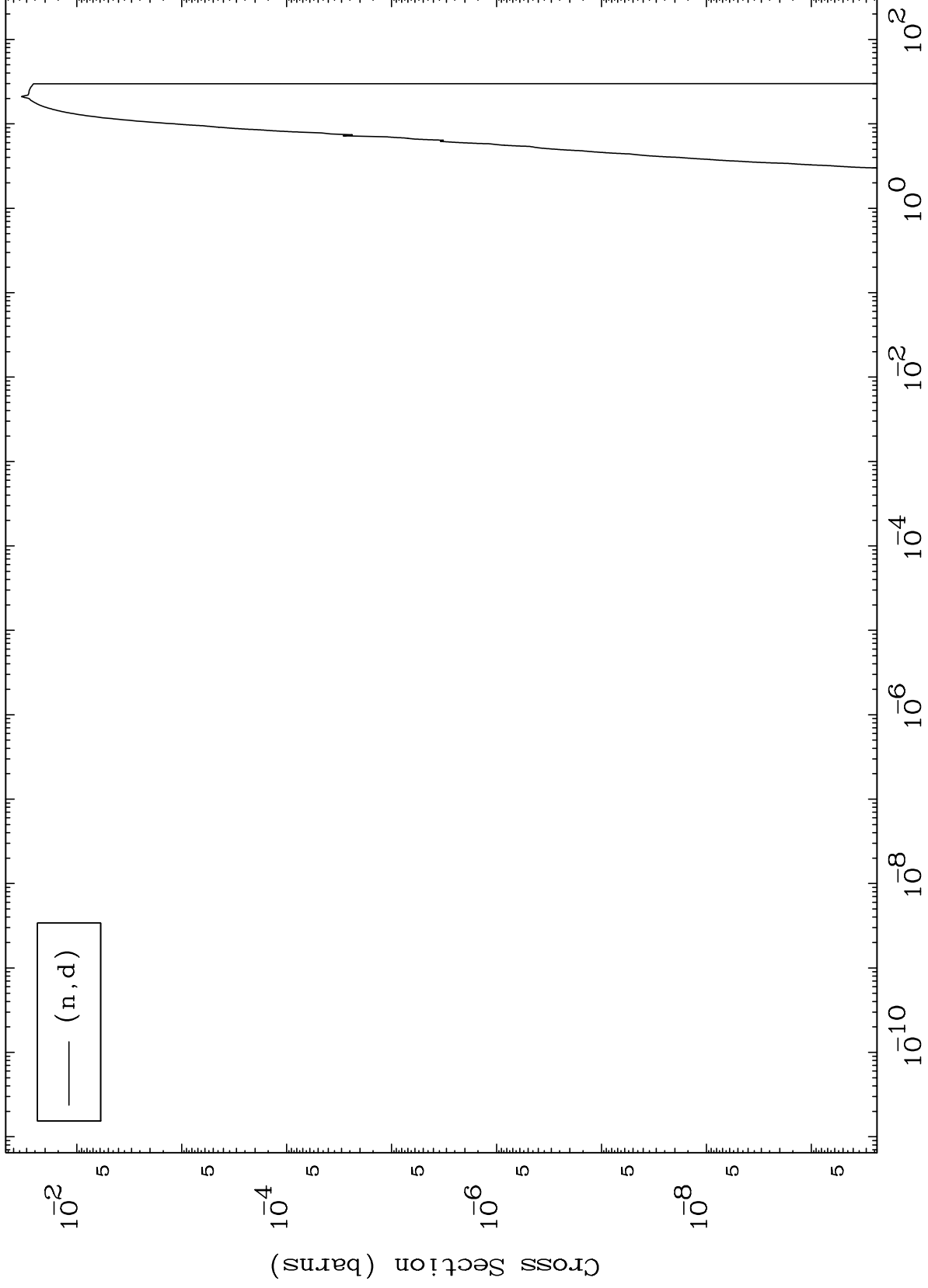
72-Hf-154



MAT 7165

(n,d) Levels
293 Kelvin Cross Sections

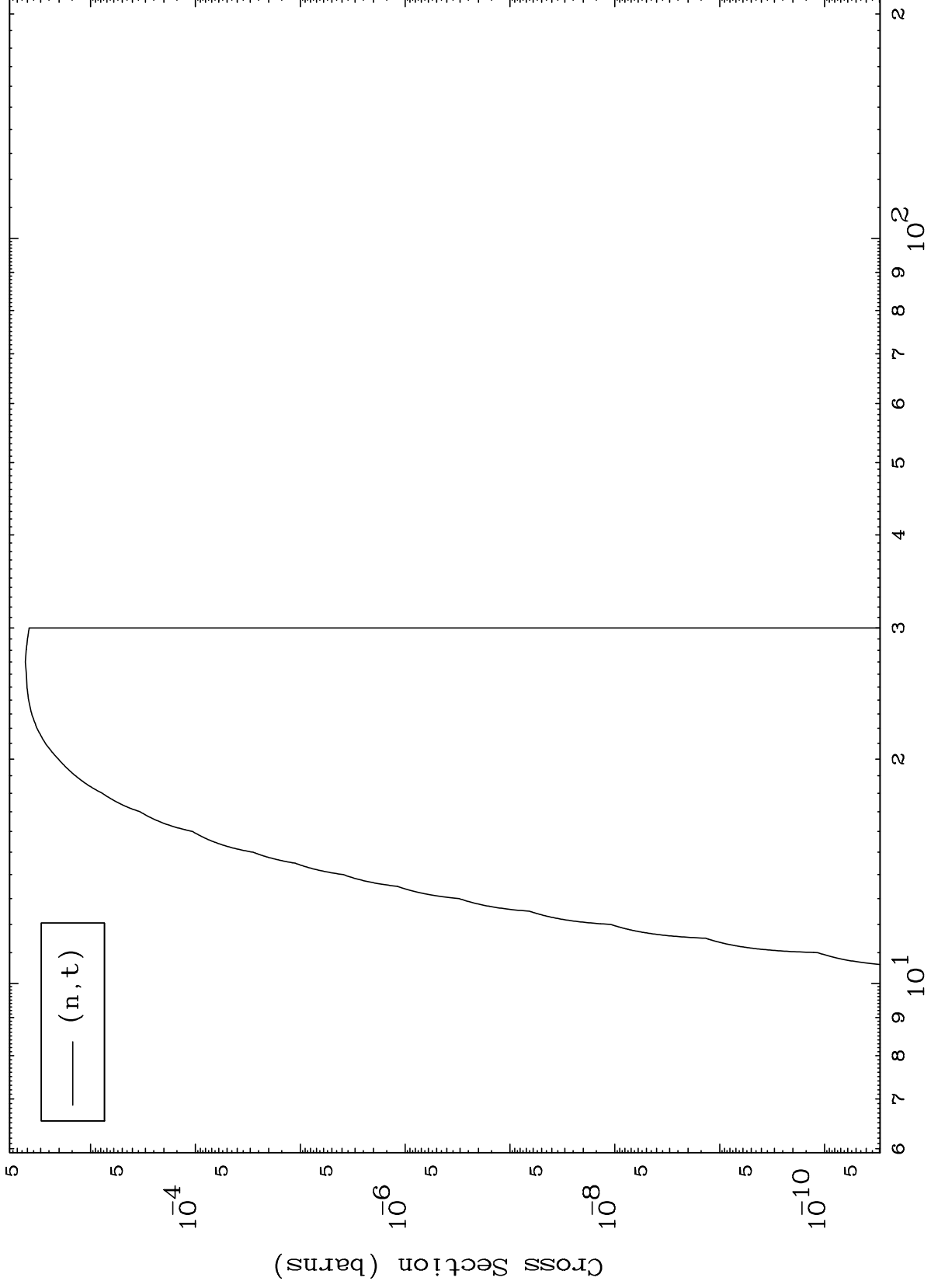
72-Hf-154



MAT 7165

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-154



13

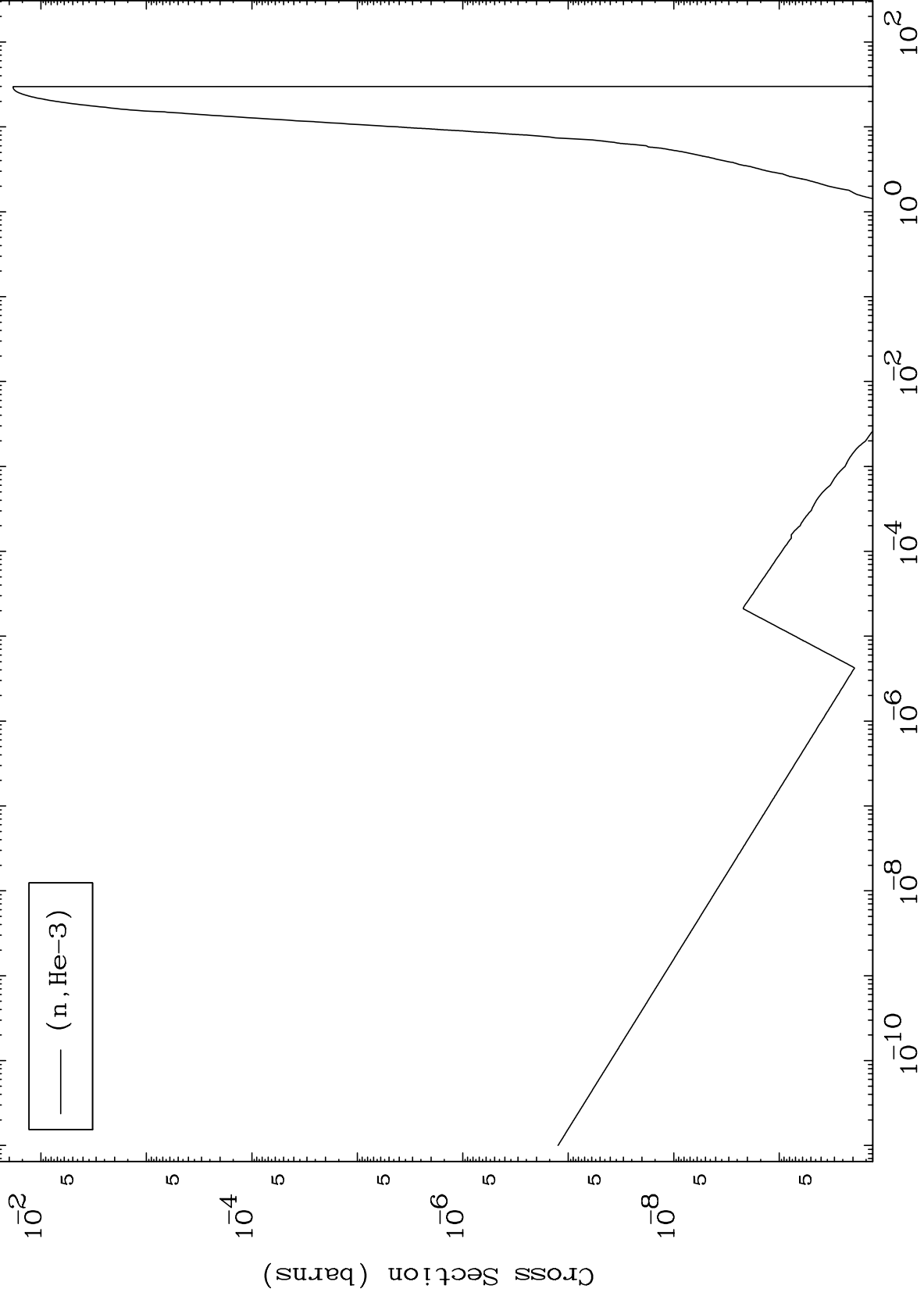
Incident Energy (MeV)

72-Hf-154

MAT 7165

(n,He3) Levels
293 Kelvin Cross Sections

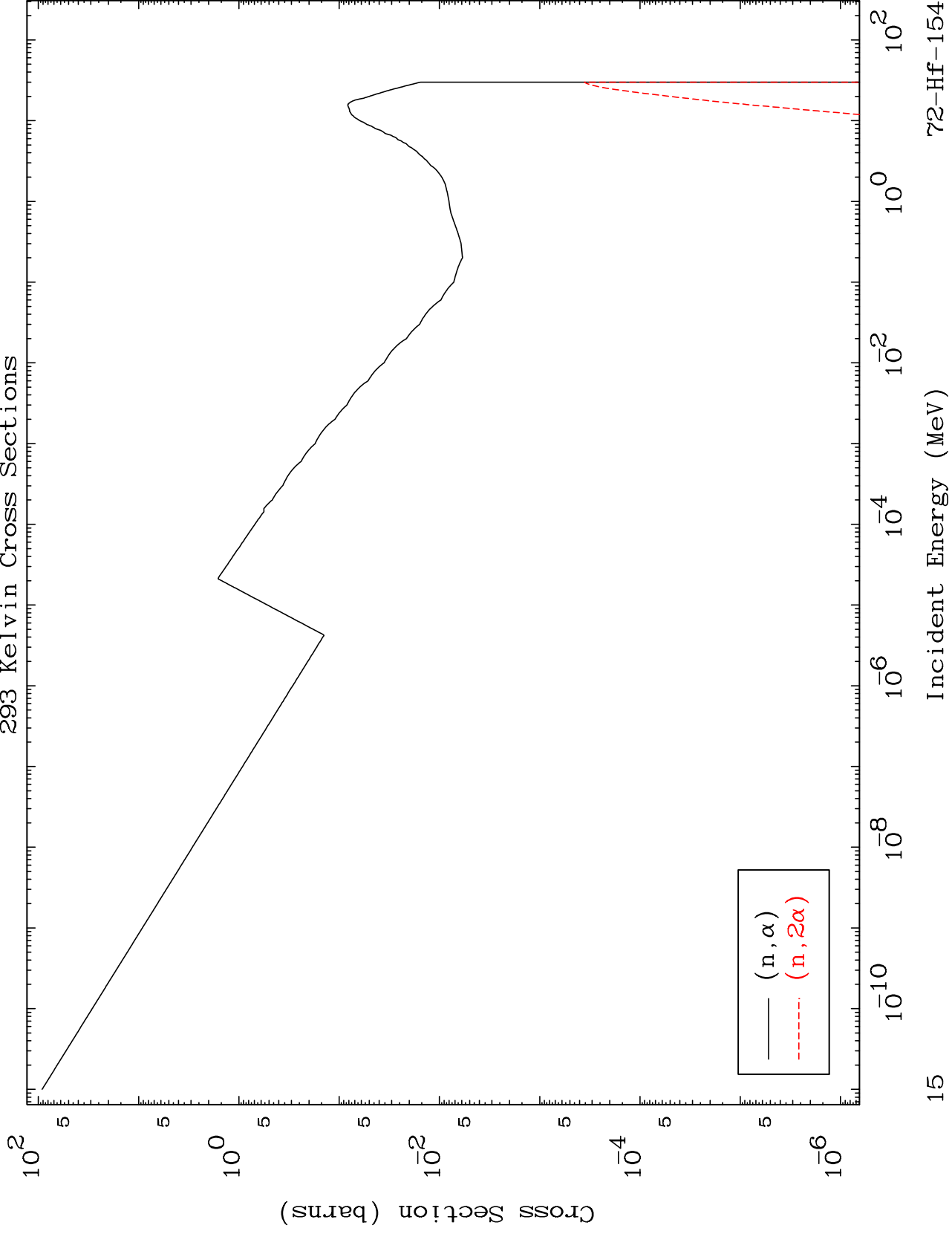
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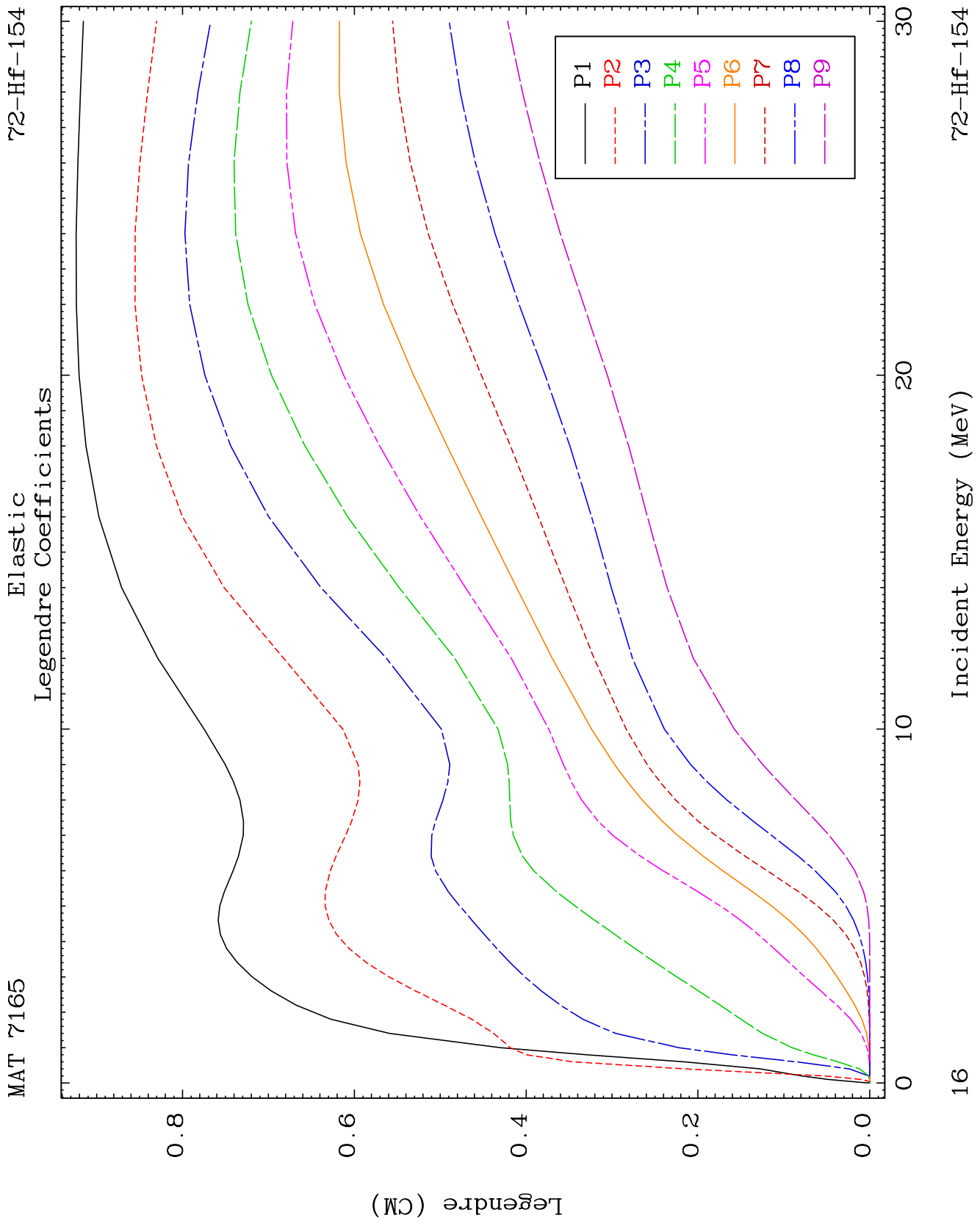


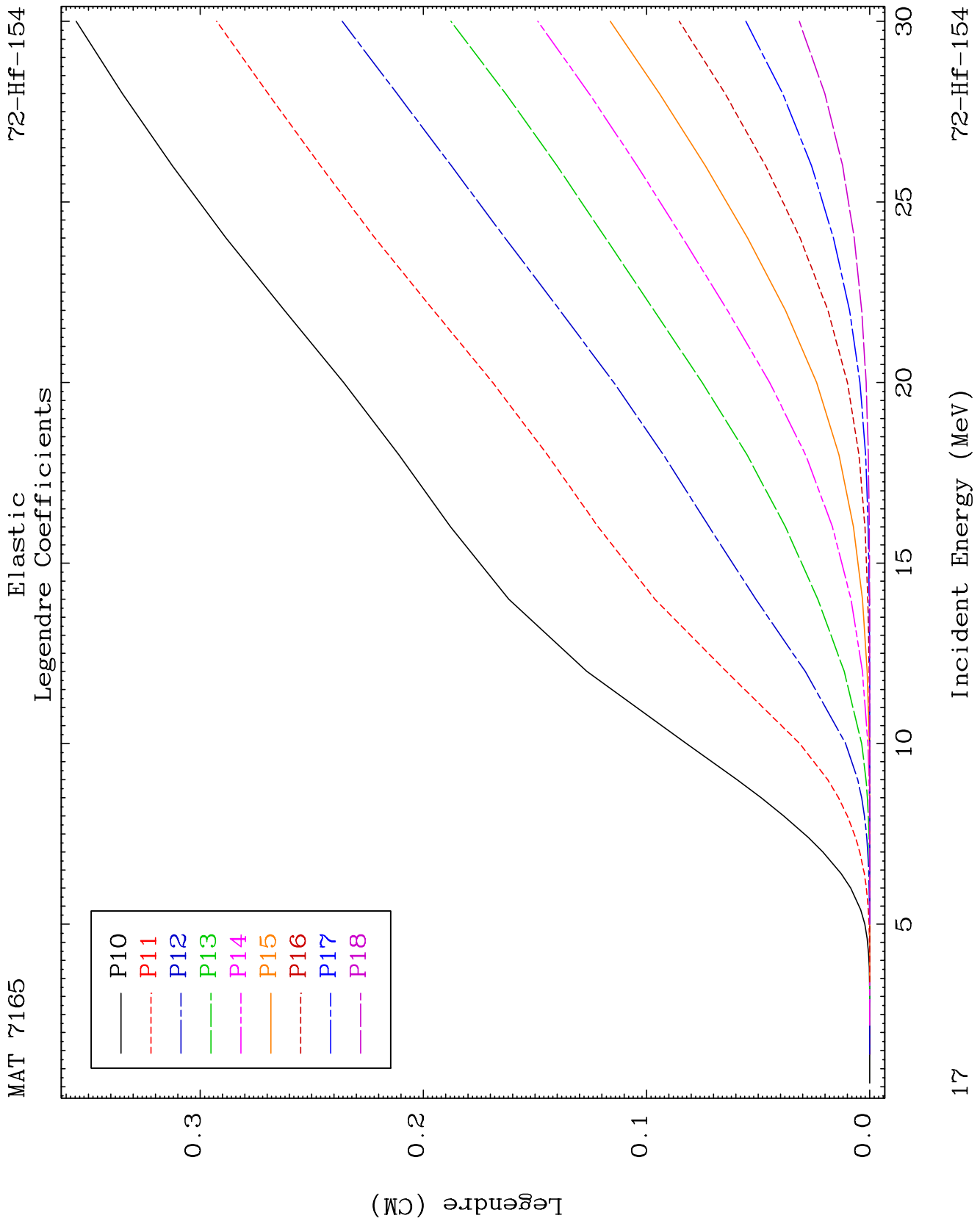
MAT 7165

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-154



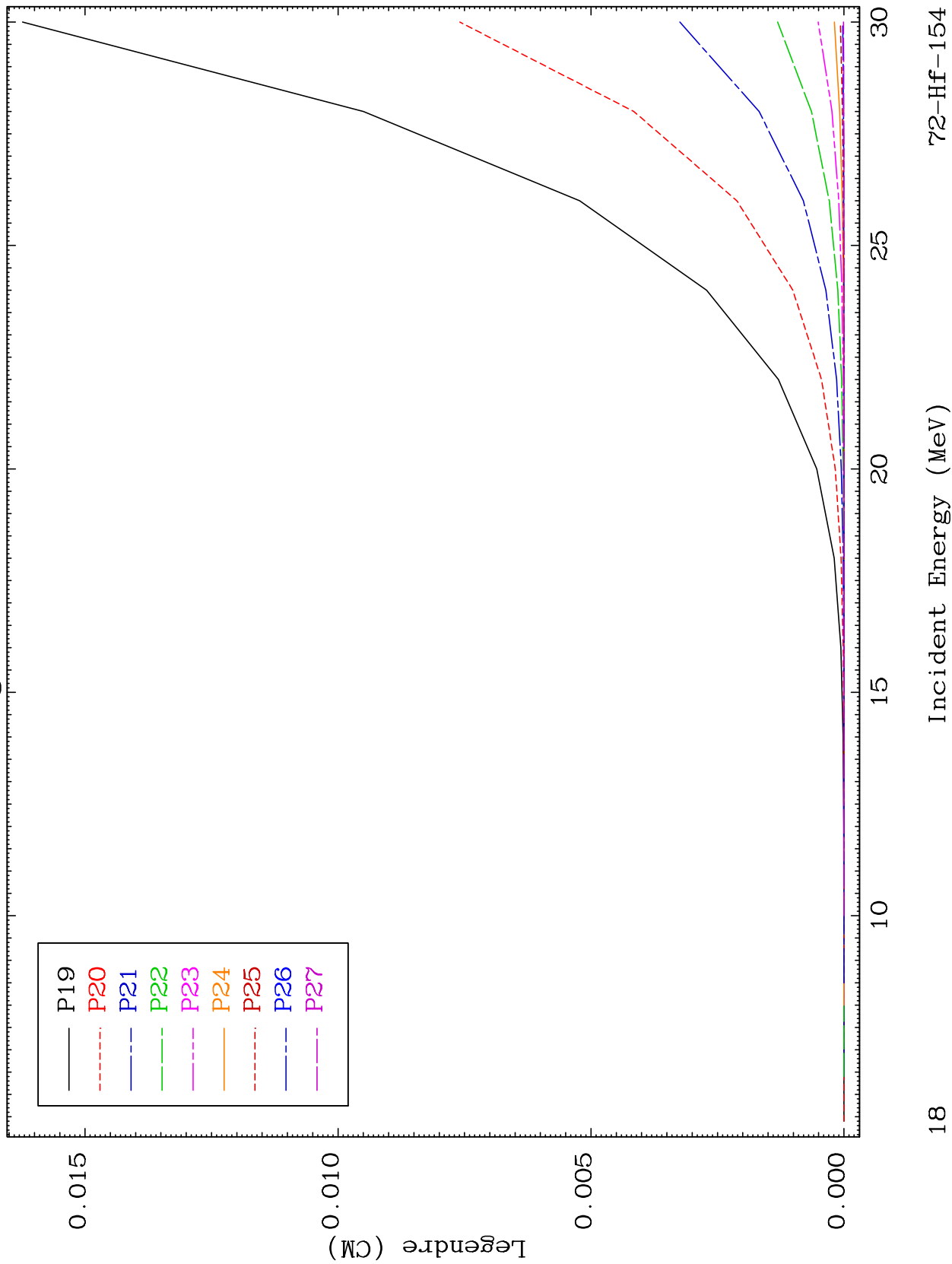




MAT 7165

Elastic
Legendre Coefficients

72-Hf-154



18

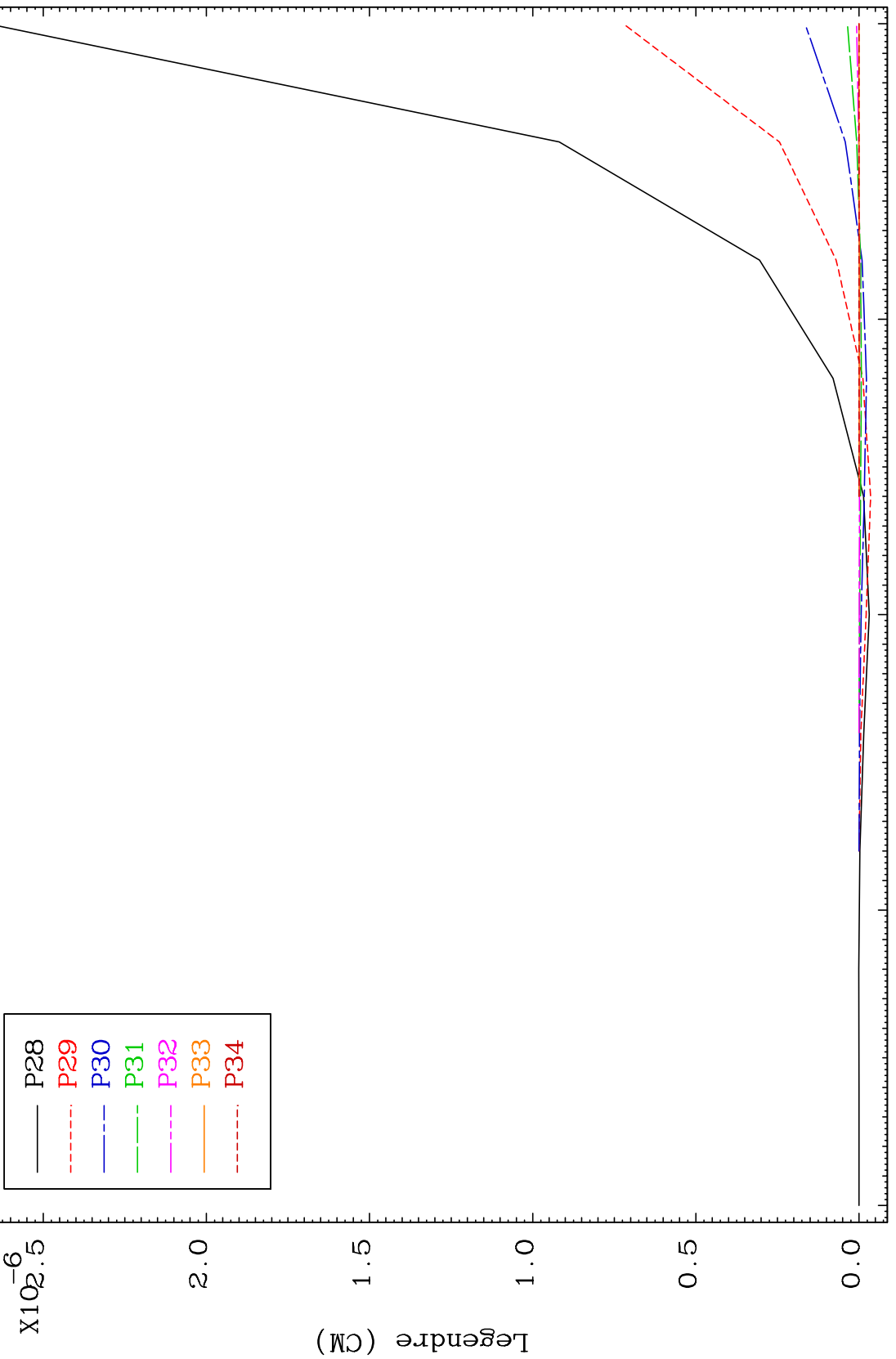
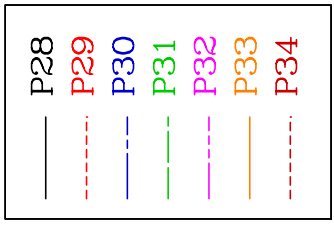
Incident Energy (MeV)

72-Hf-154

MAT 7165

Elastic Legendre Coefficients

72-Hf-154



19

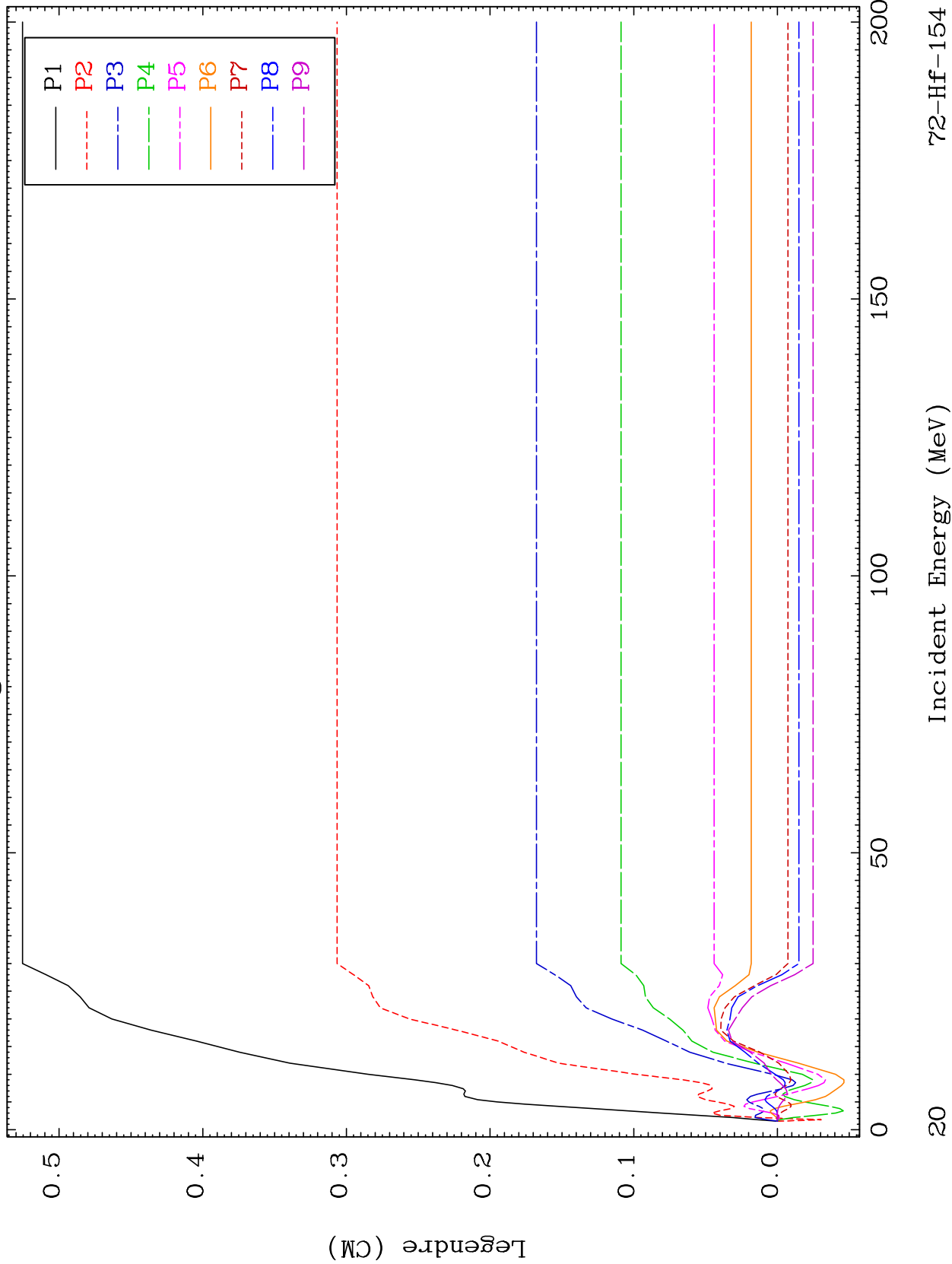
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



72-Hf-154

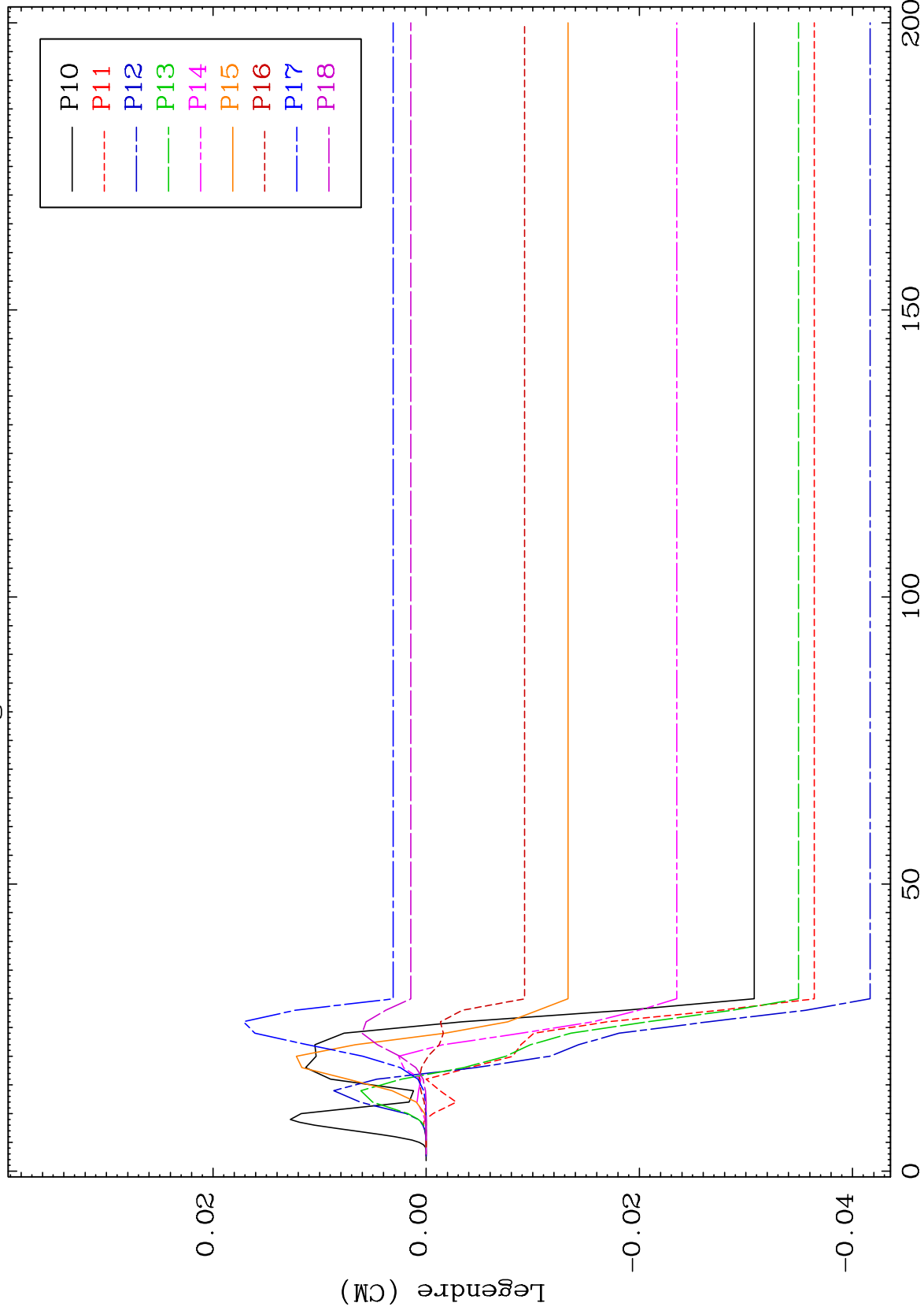
Incident Energy (MeV)

0

MAT 7165

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

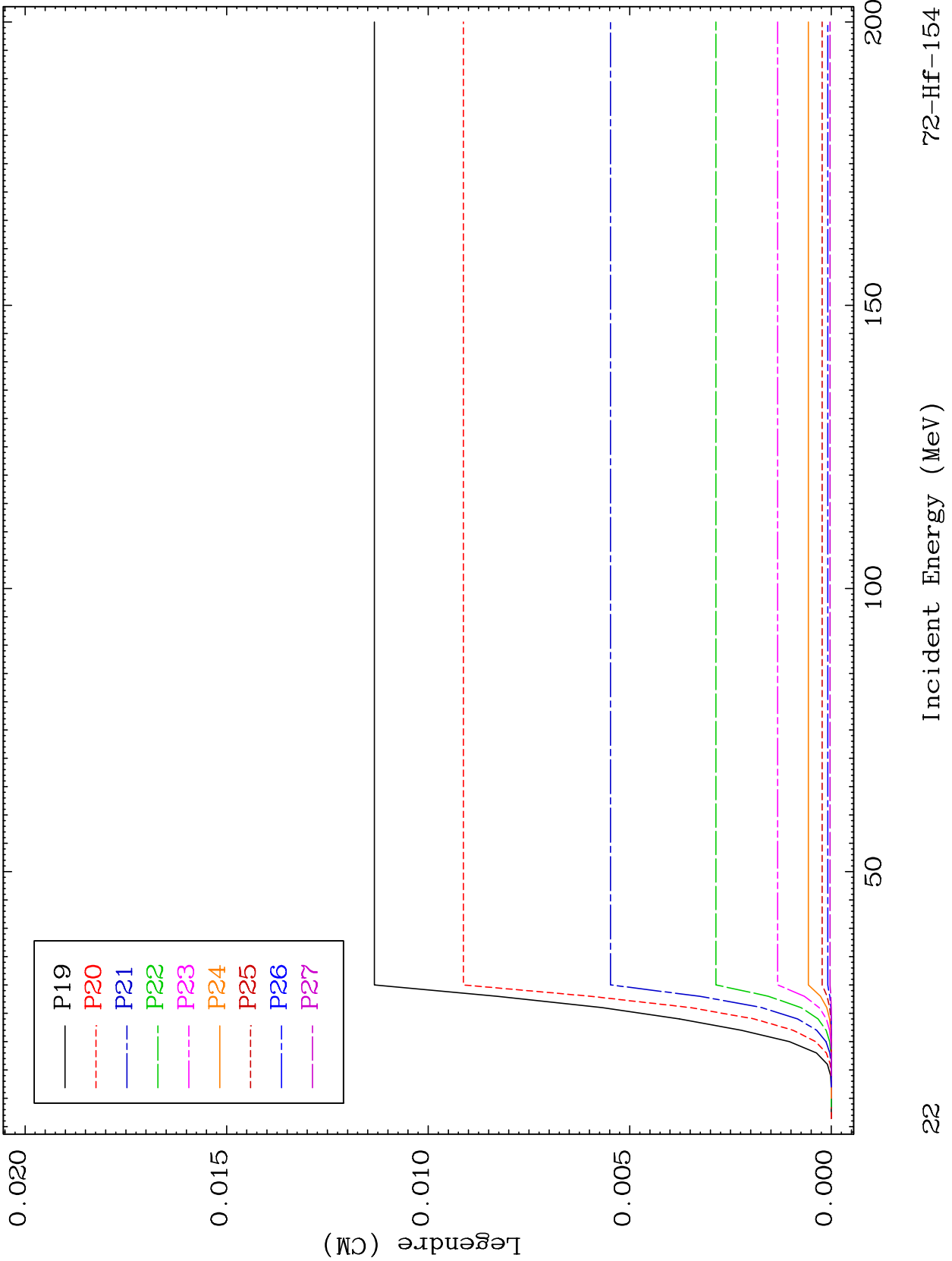
72-Hf-154



21

Incident Energy (MeV)

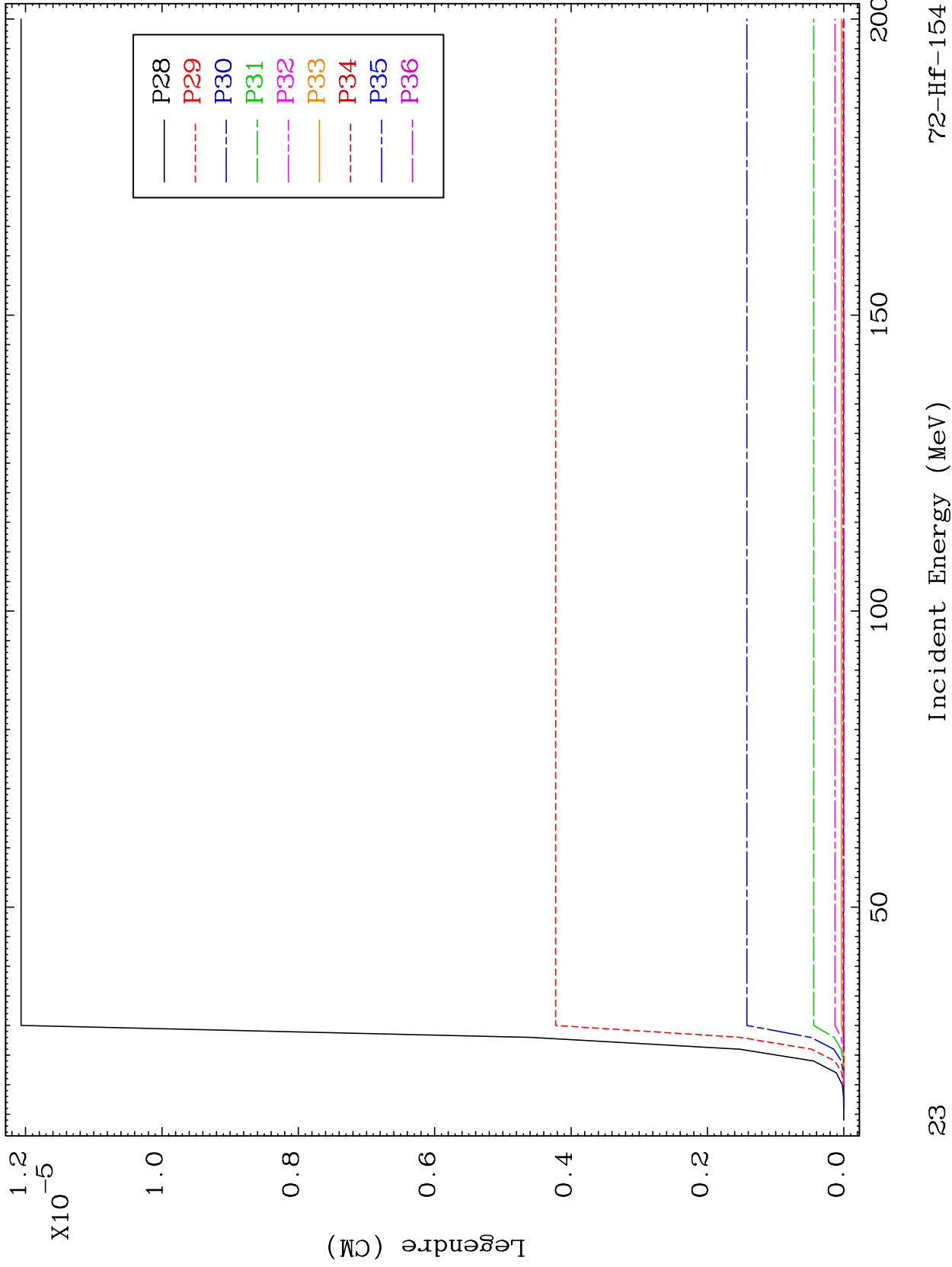
72-Hf-154



MAT 7165

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

72-Hf-154



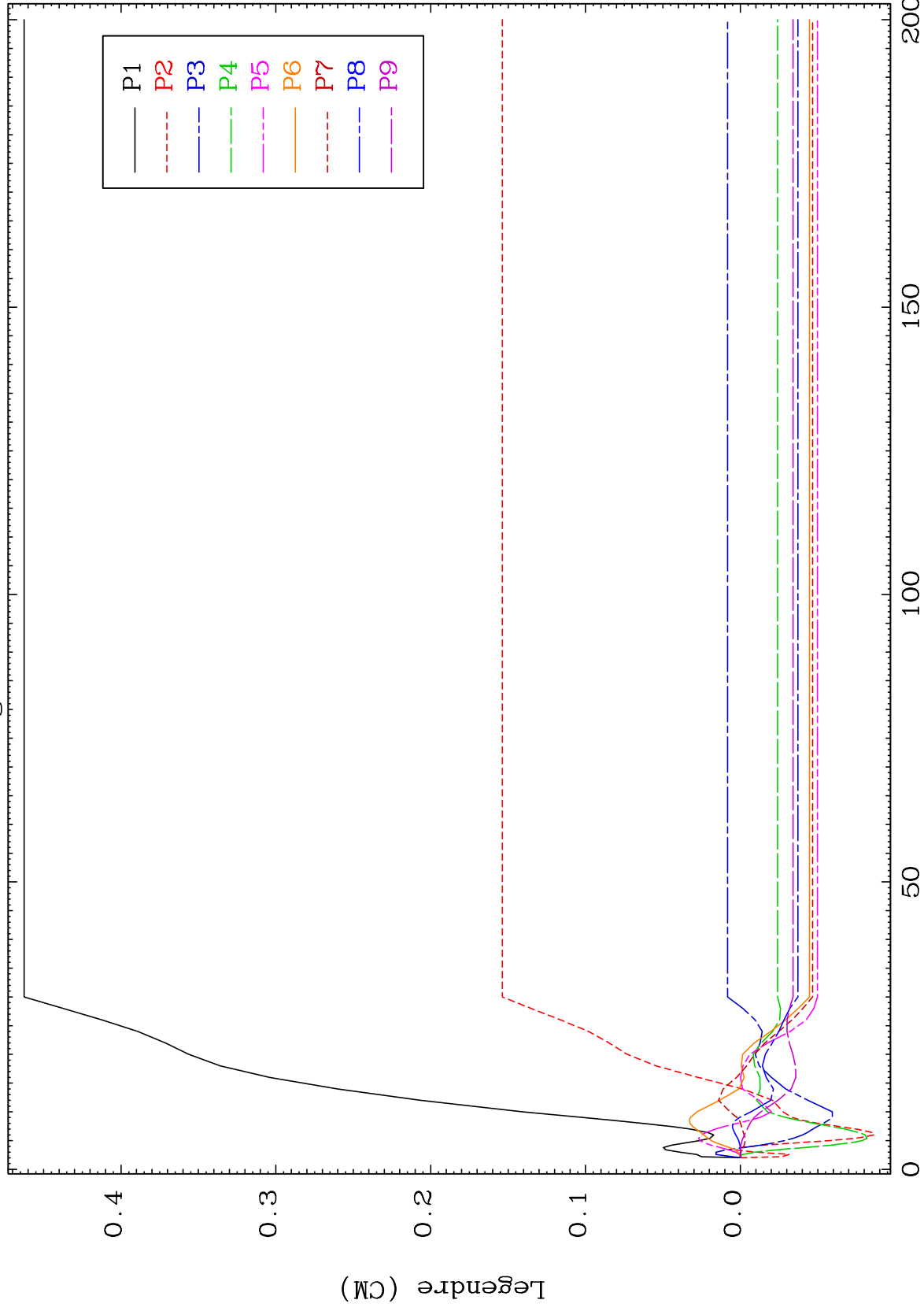
23

72-Hf-154

MAT 7165

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

72-Hf-154



24

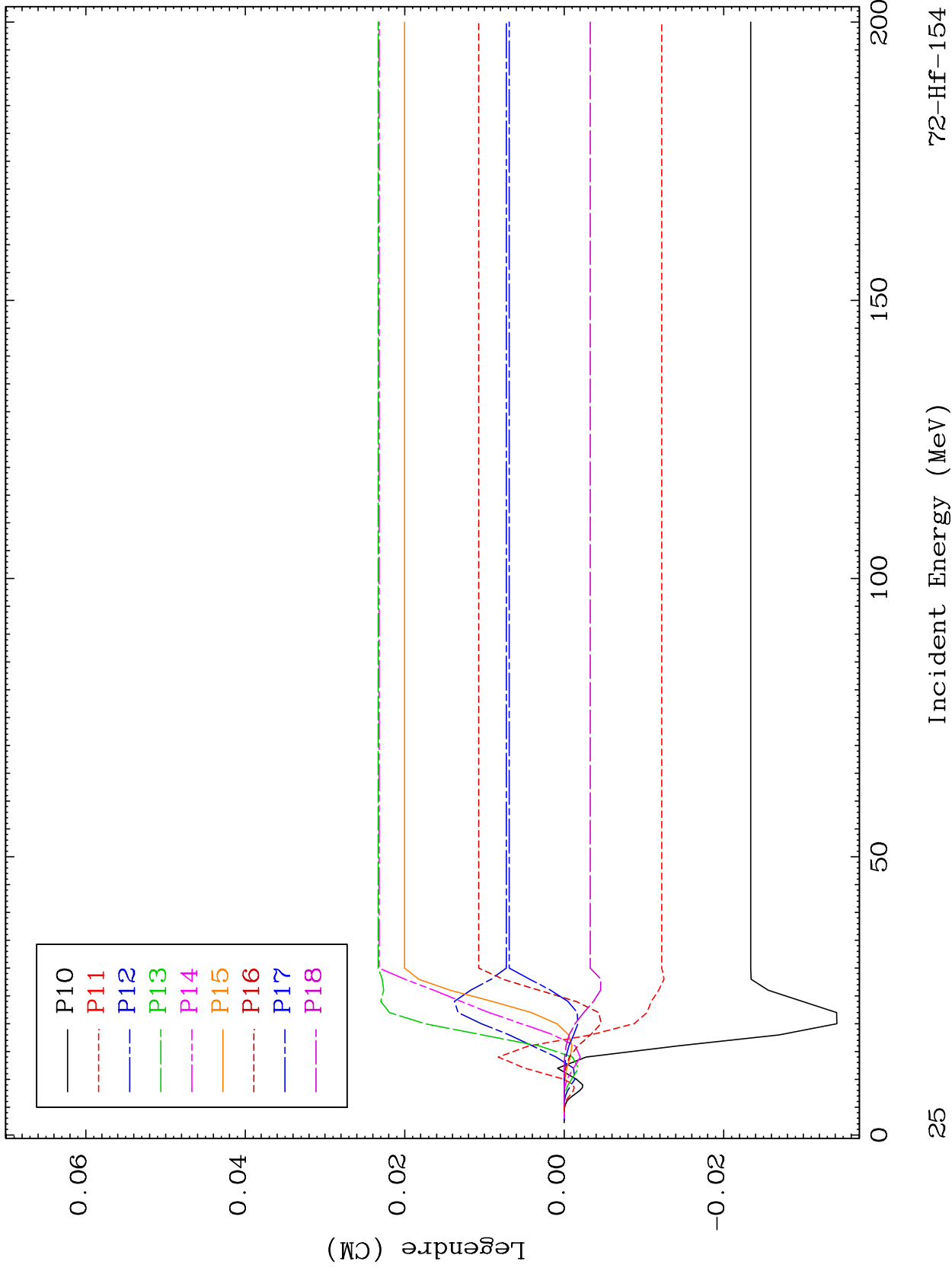
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

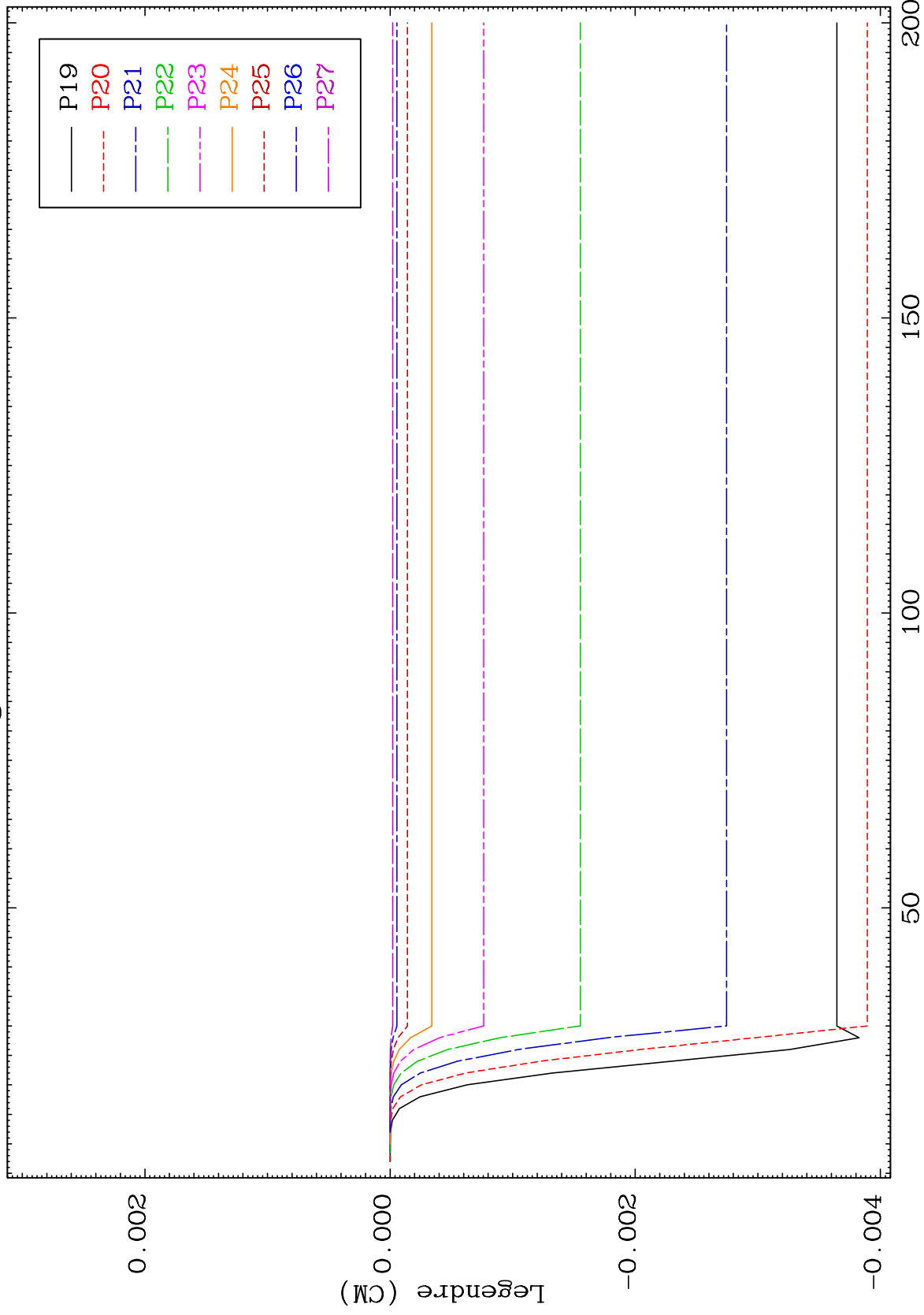
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MAT 7165

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

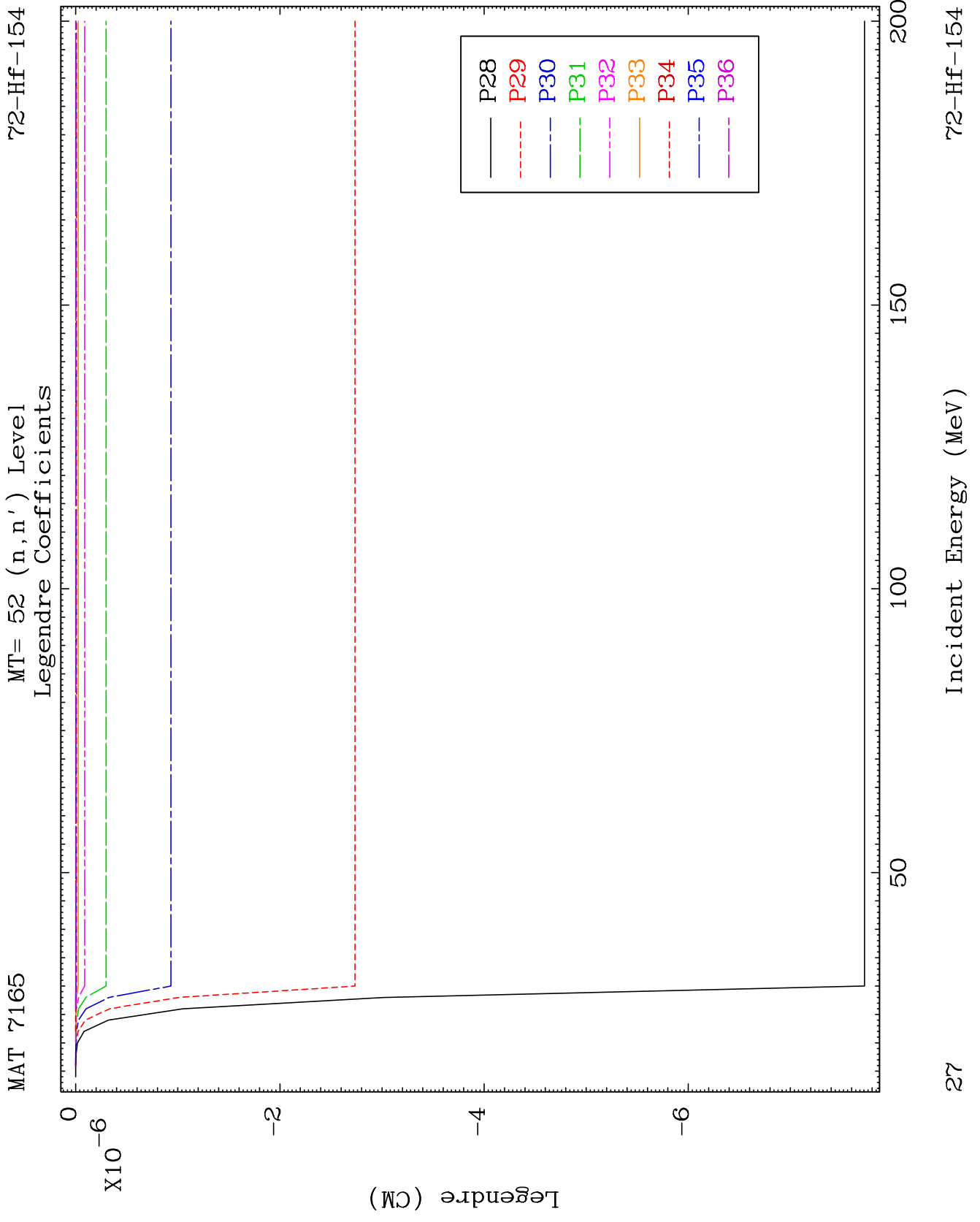
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Incident Energy (MeV)

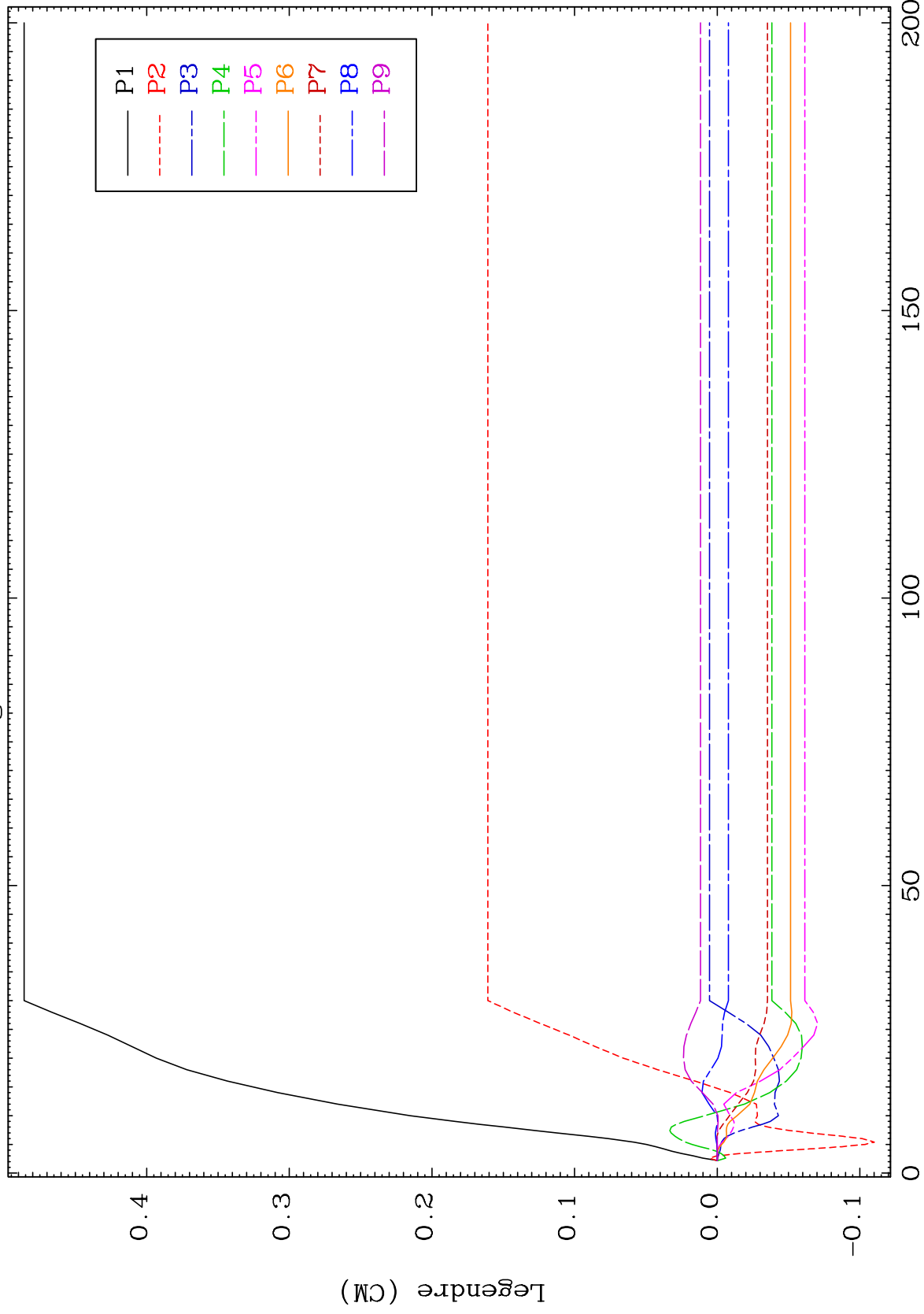
72-Hf-154



MAT 7165

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

72-Hf-154



28

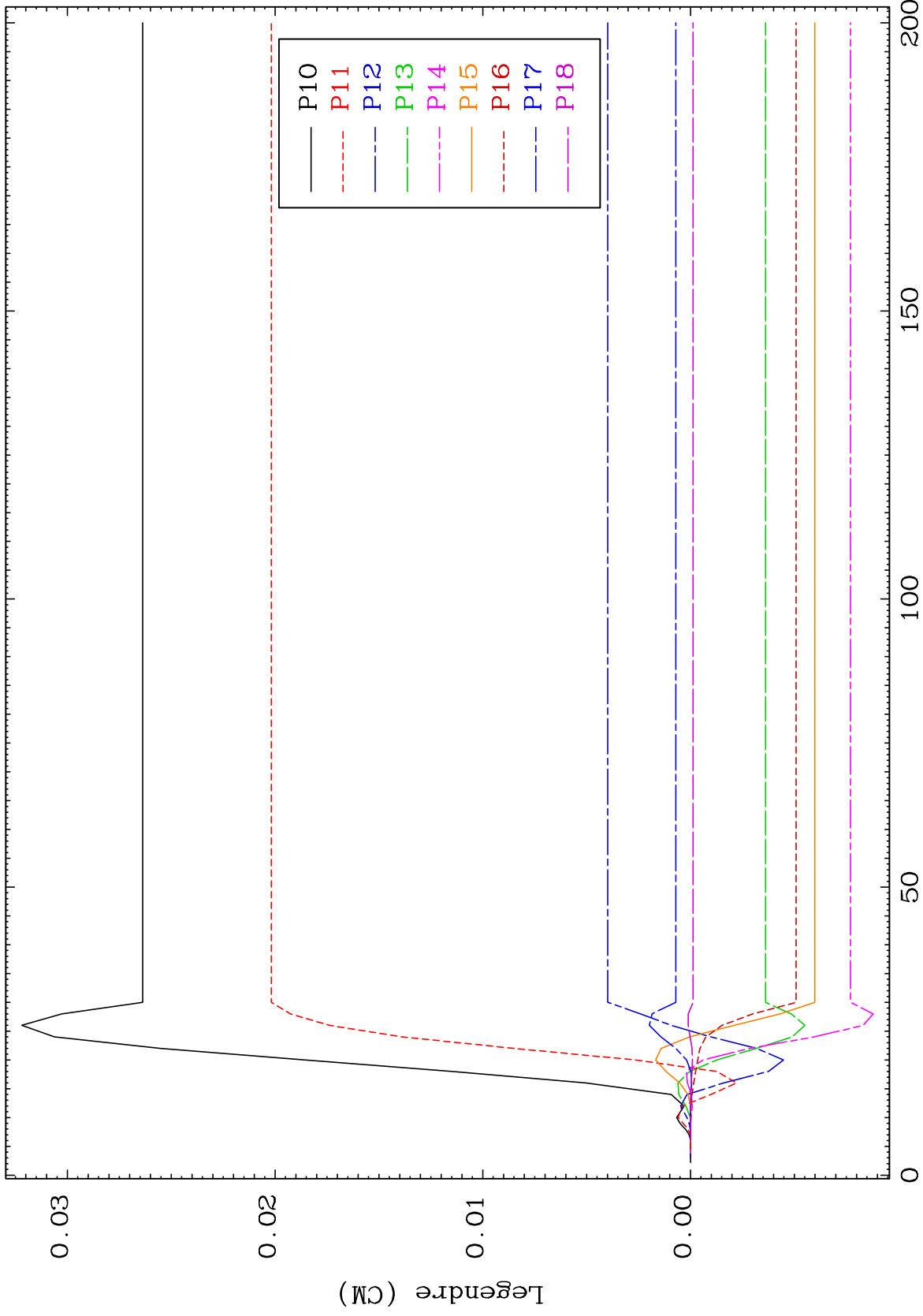
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



29

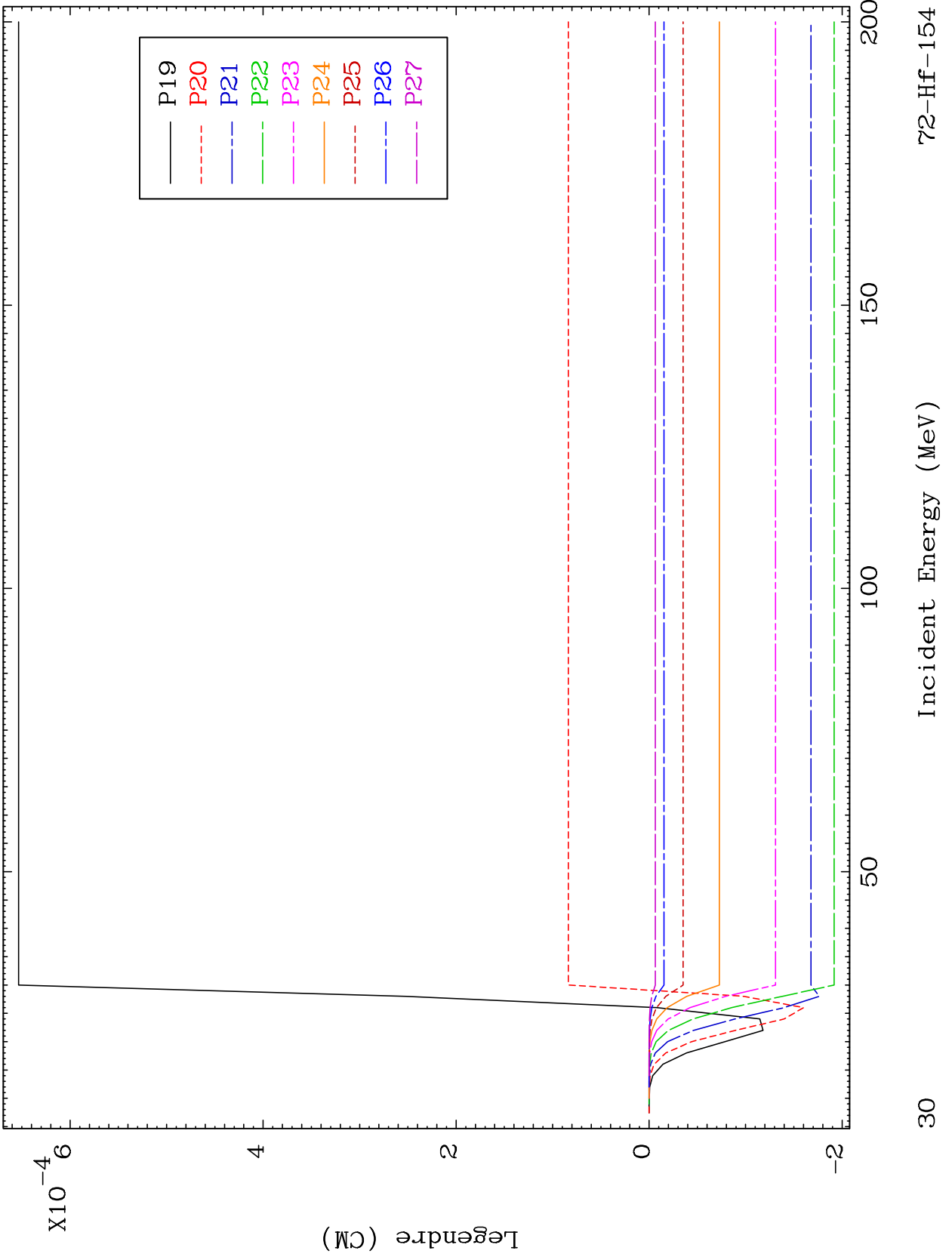
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

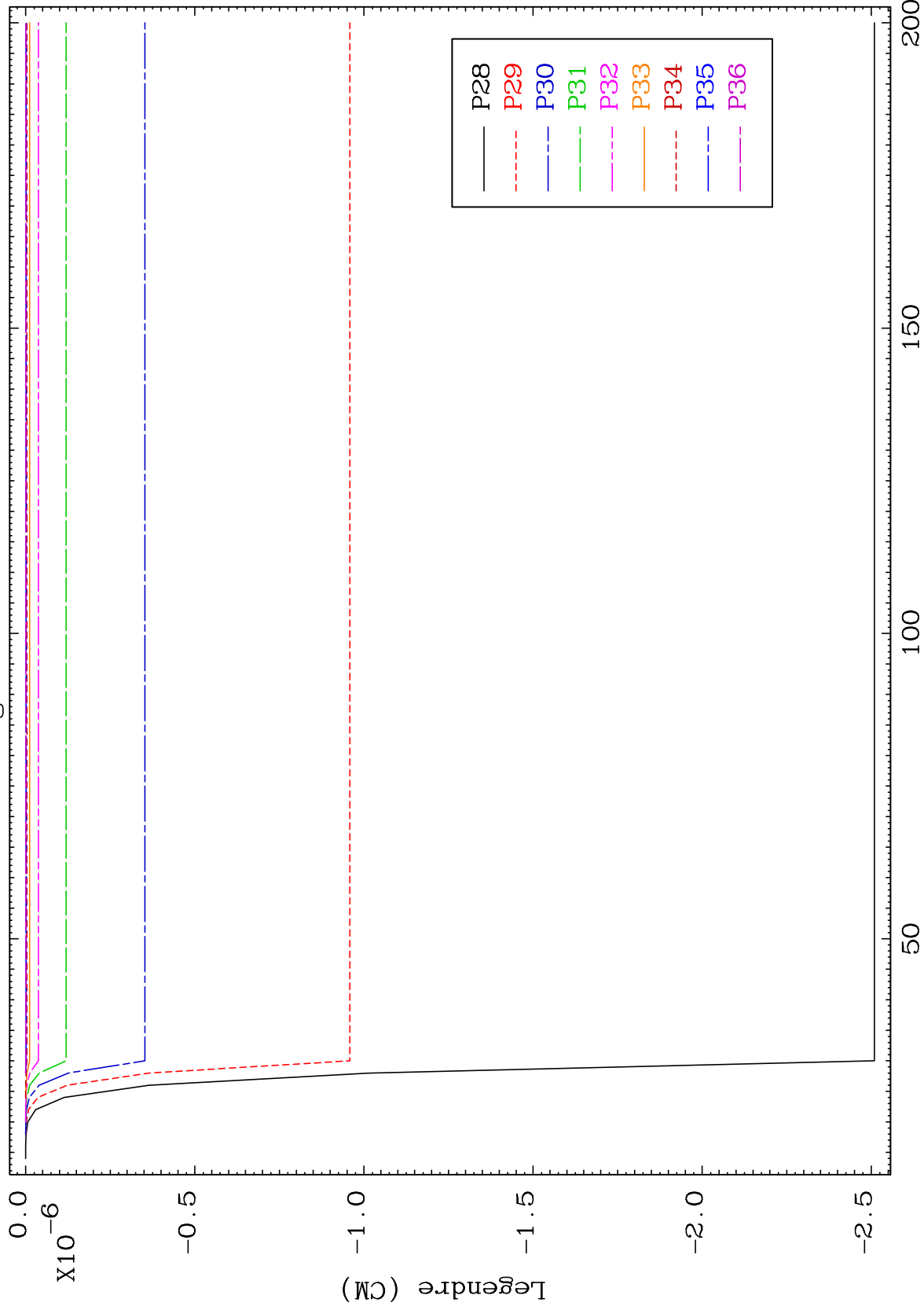
72-Hf-154



30

Incident Energy (MeV)

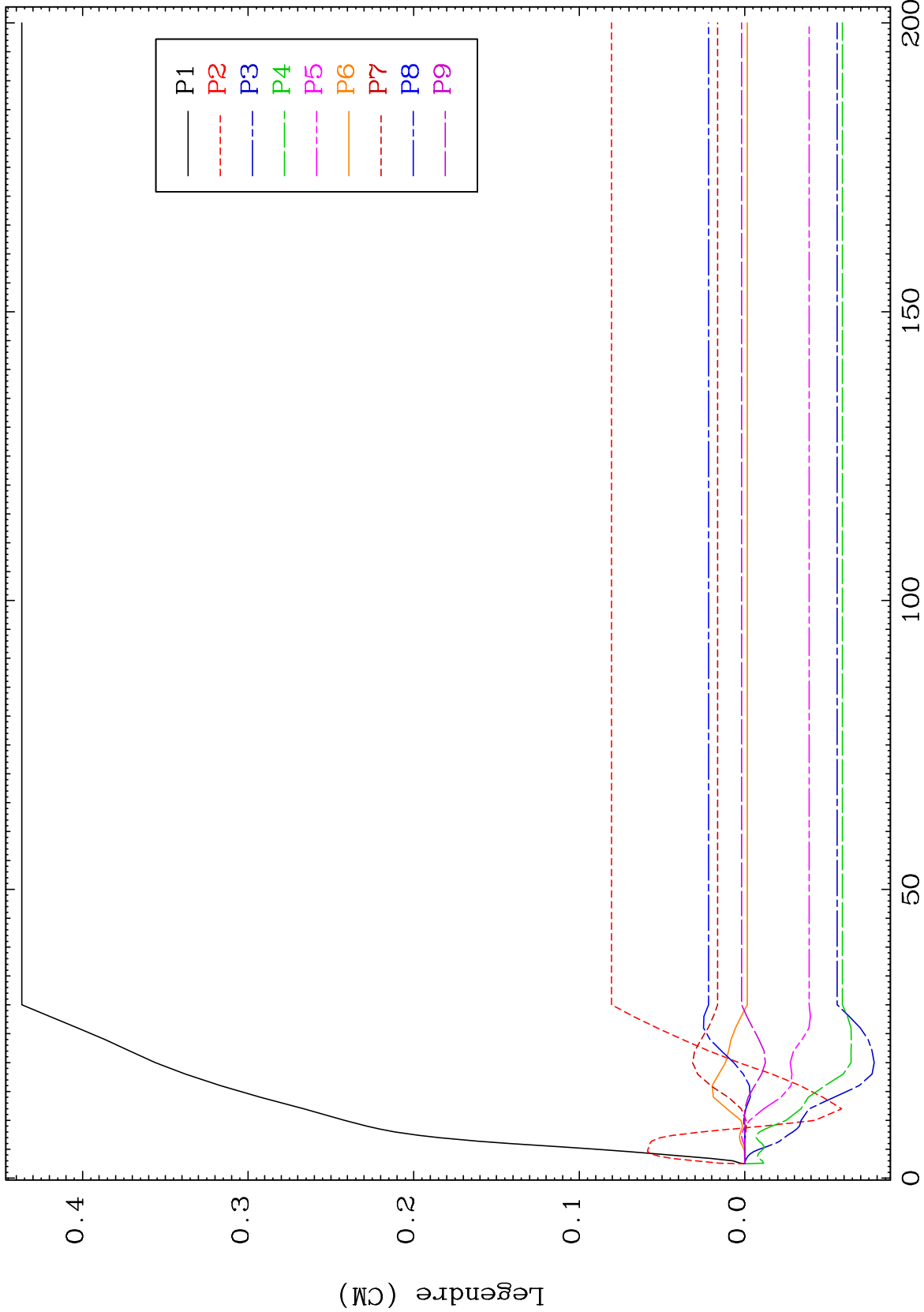
72-Hf-154



MAT 7165

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

72-Hf-154



32

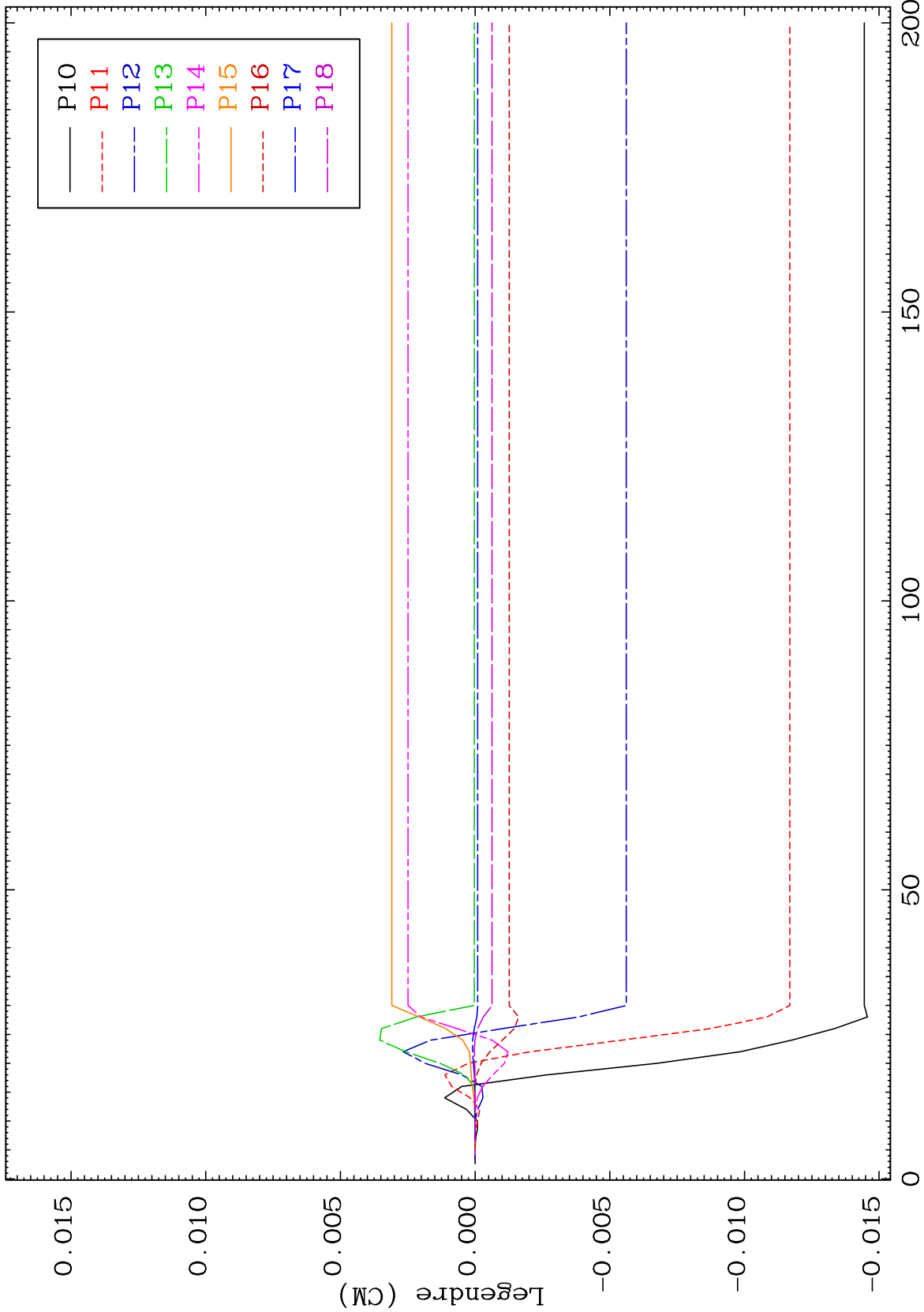
Incident Energy (MeV)

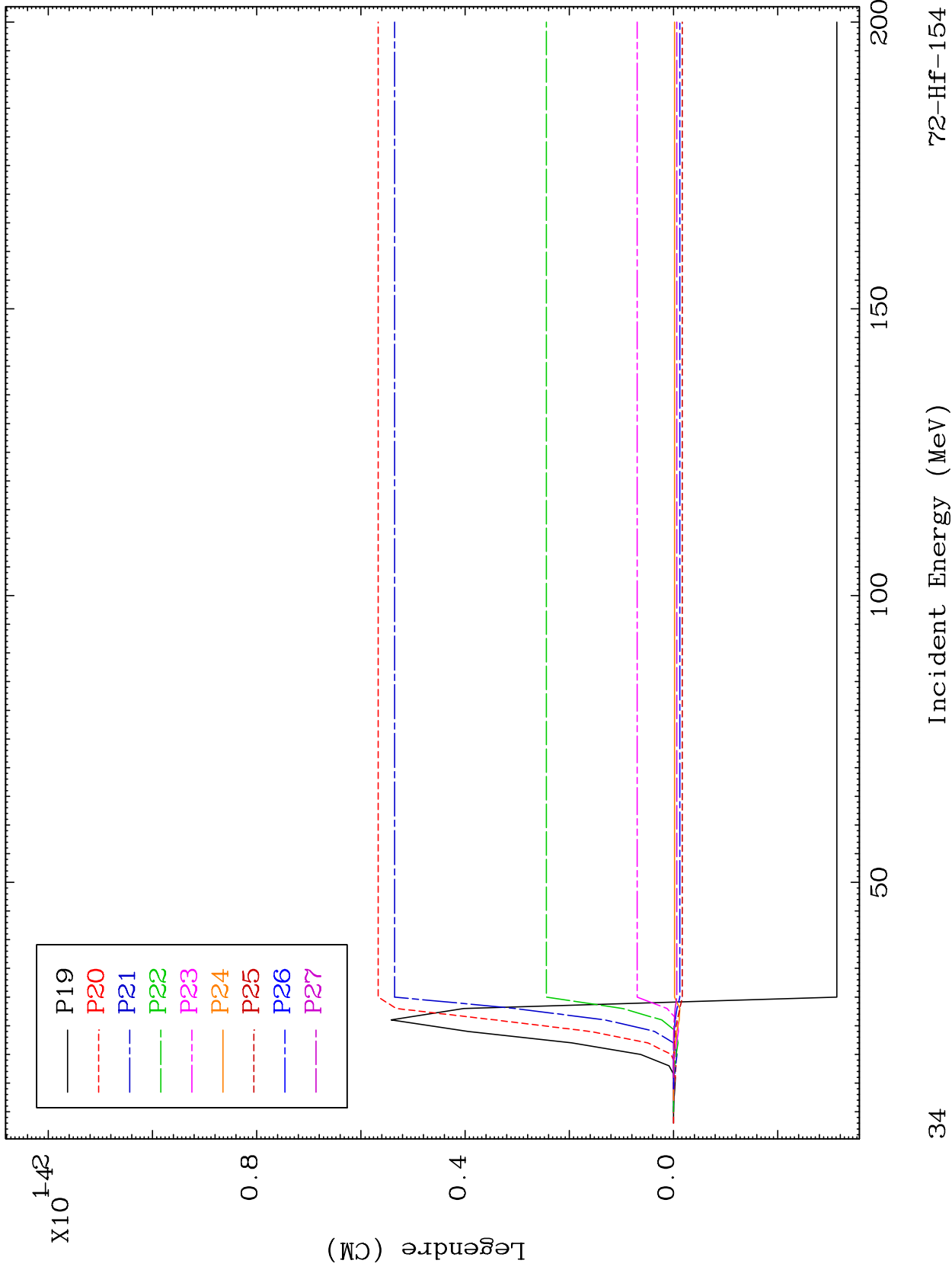
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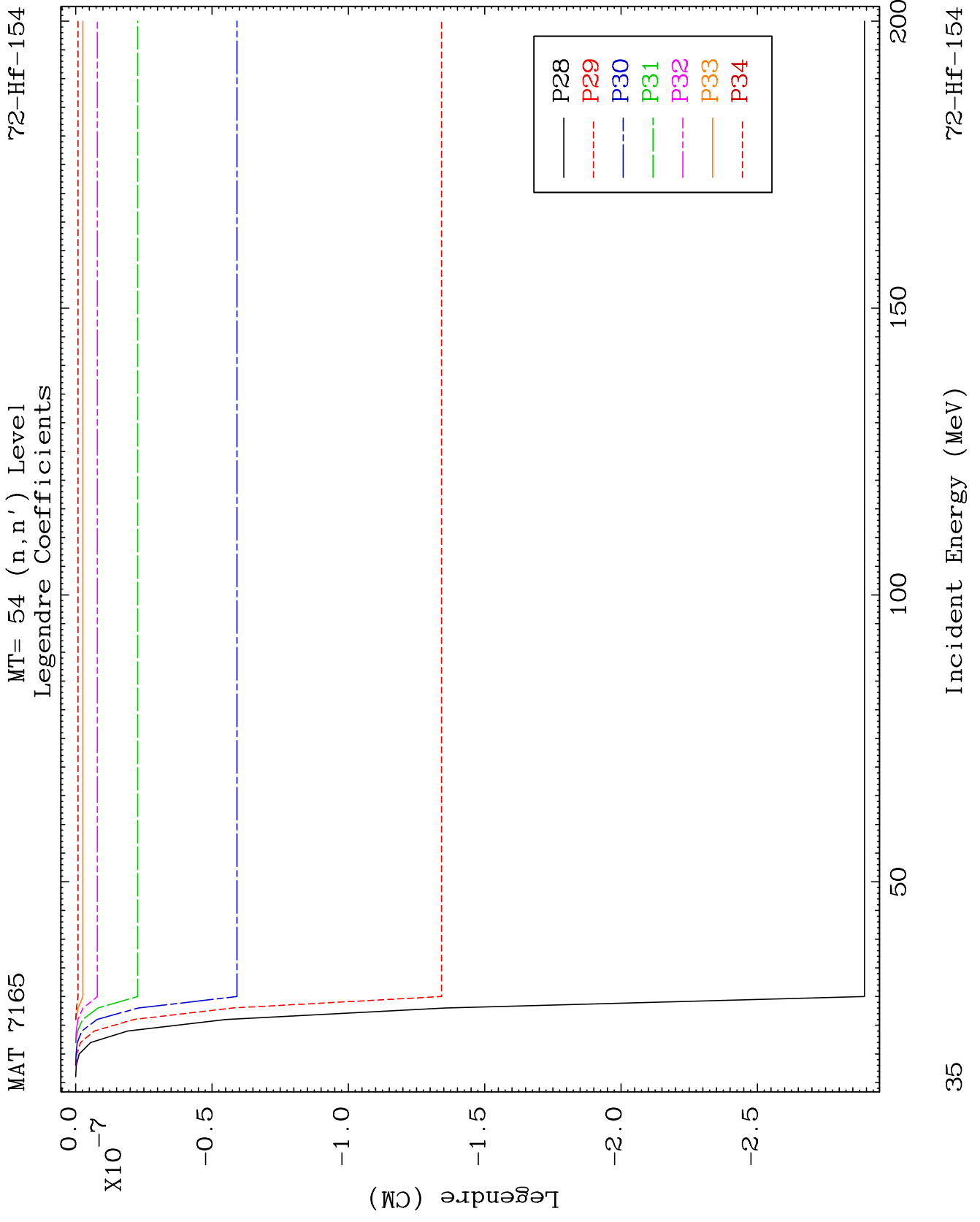
MAT 7165

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

72-Hf-154



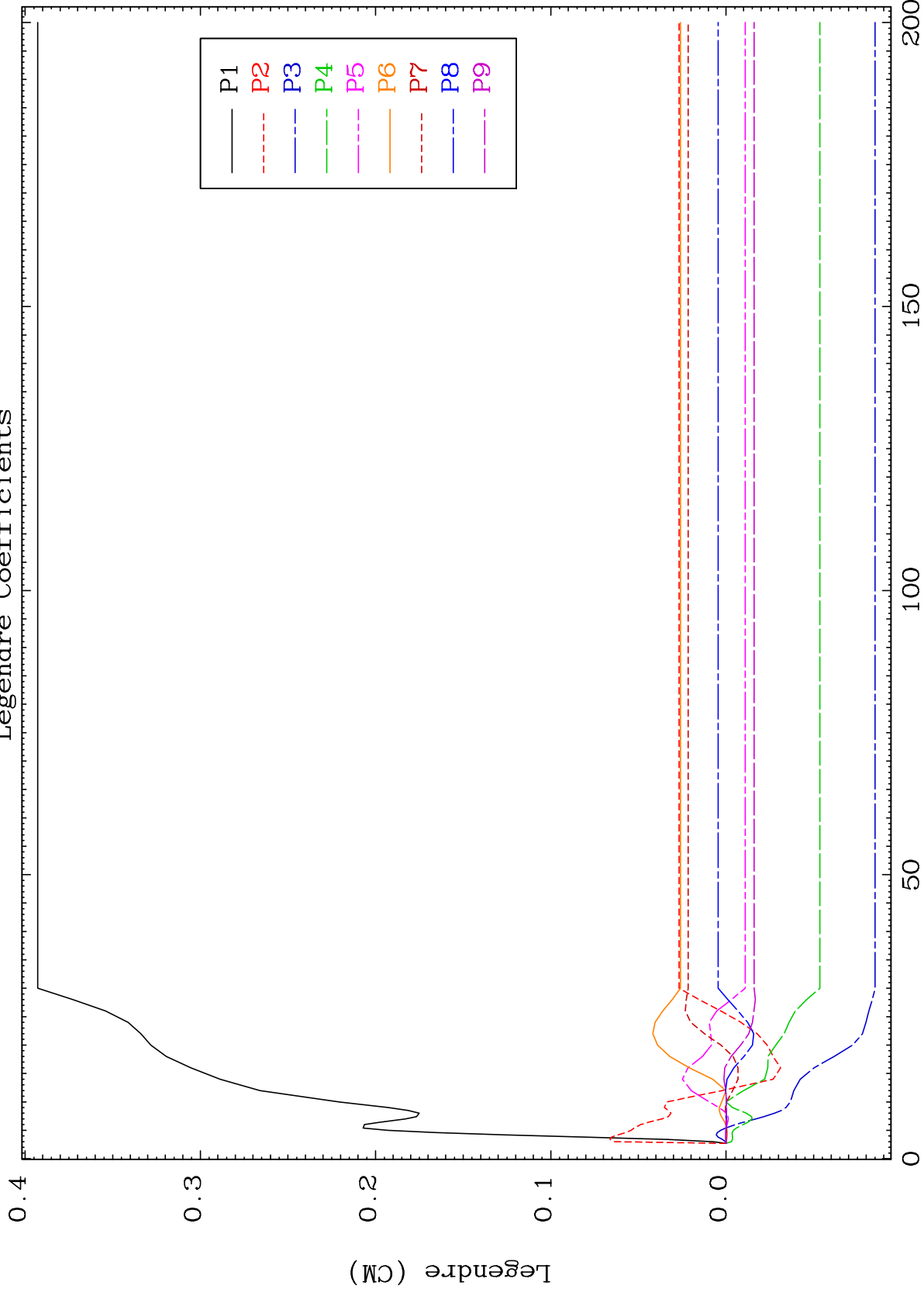




MAT 7165

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

72-Hf-154



36

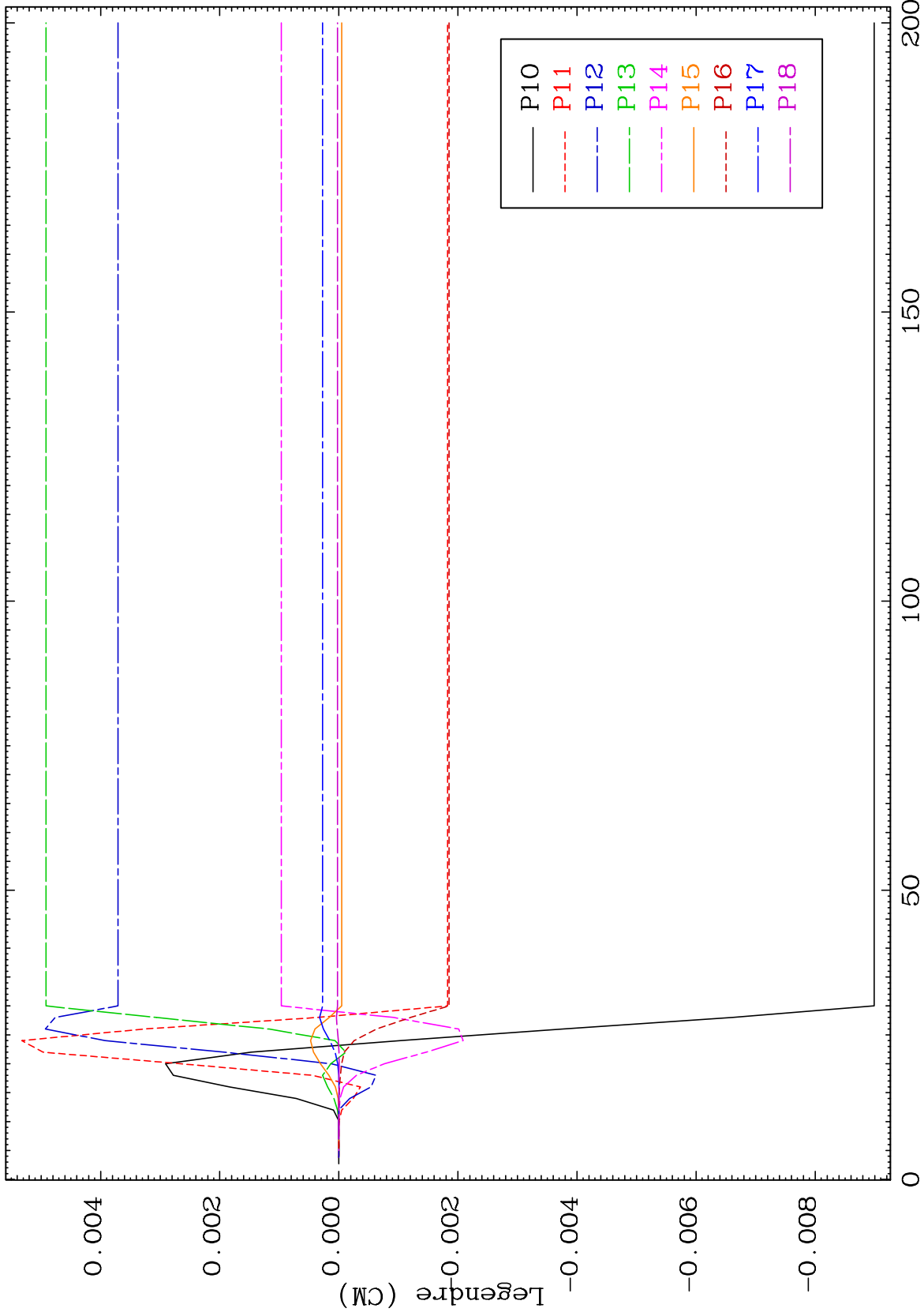
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



37

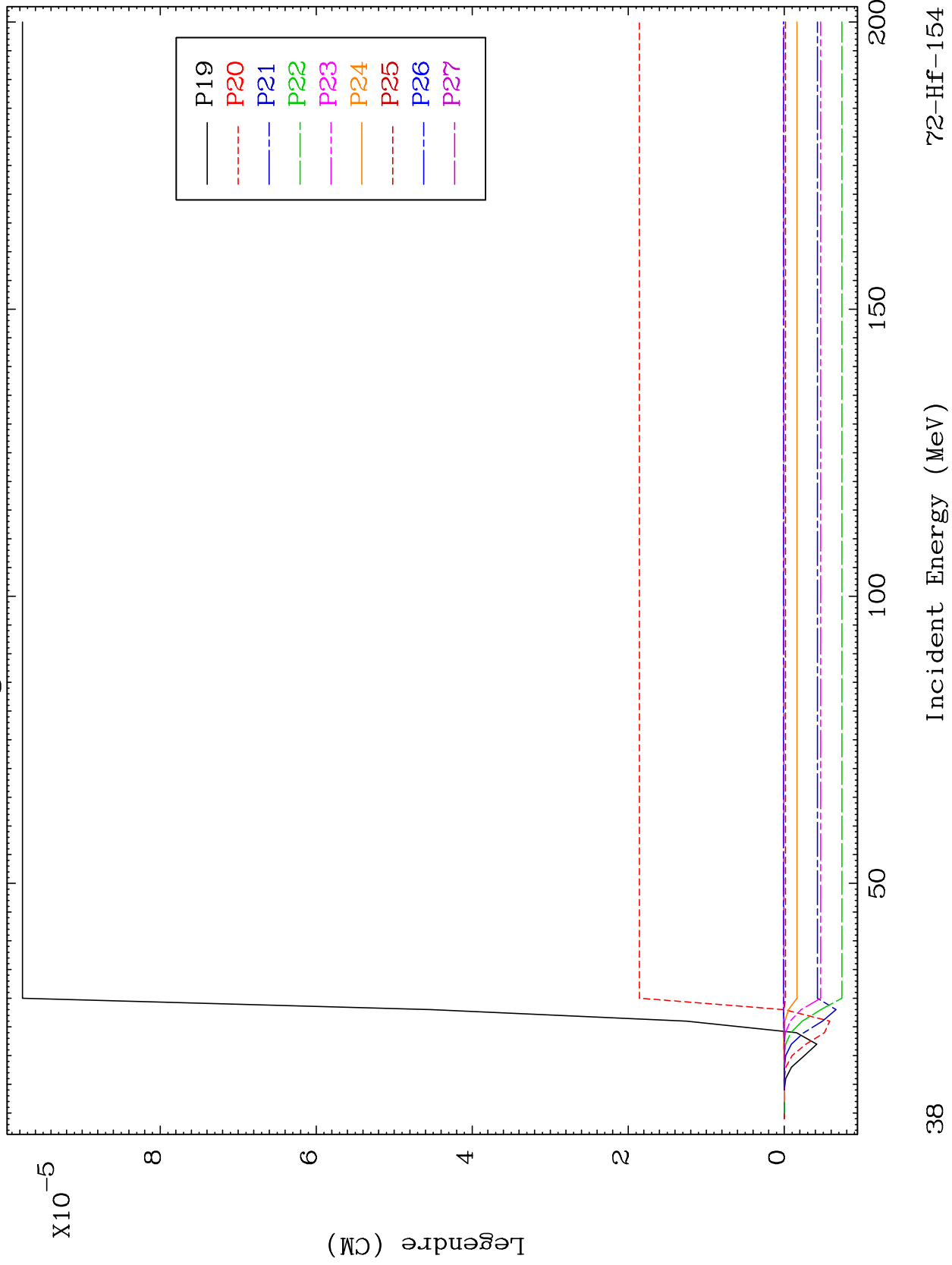
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

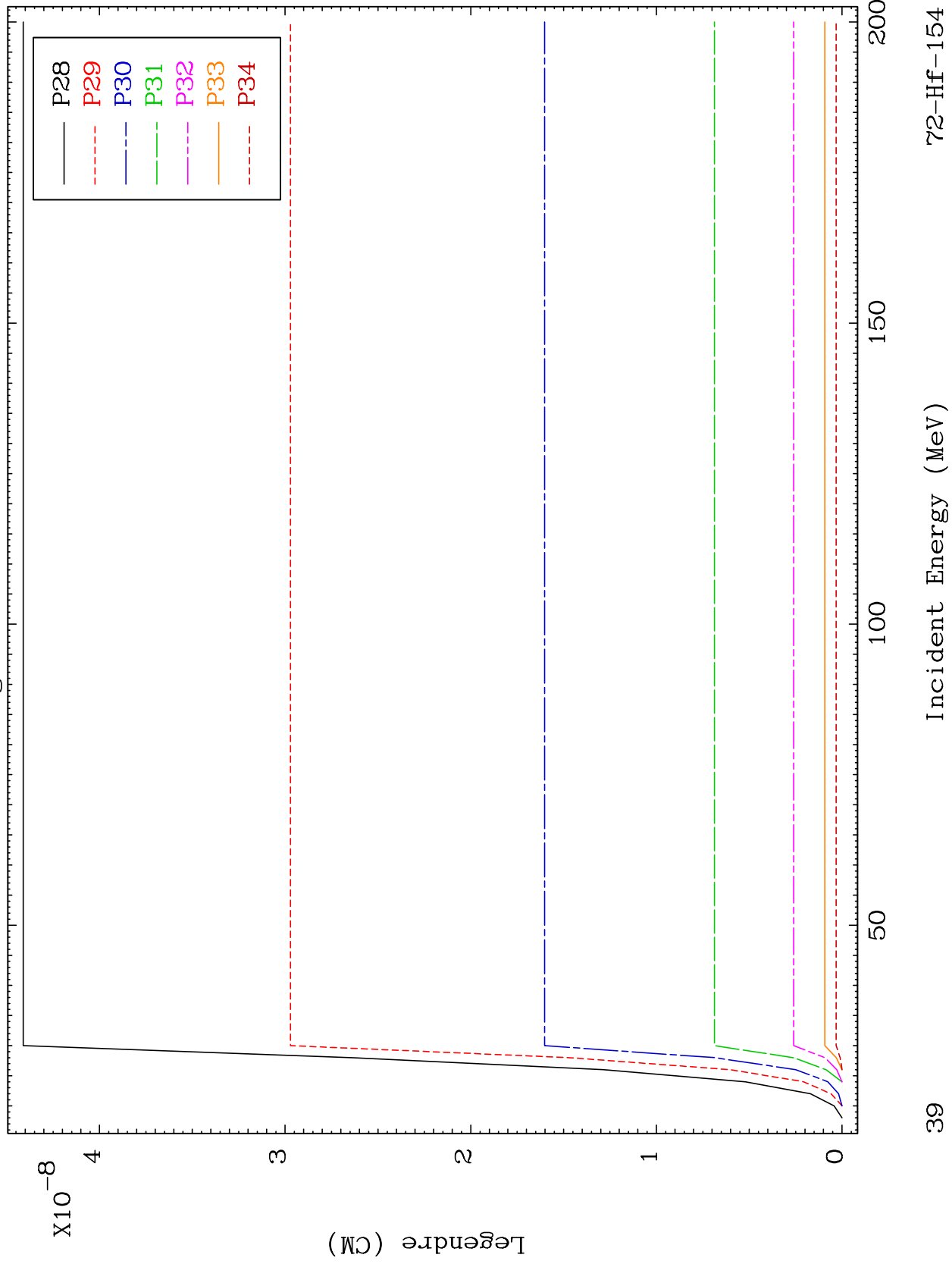
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MAT 7165

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

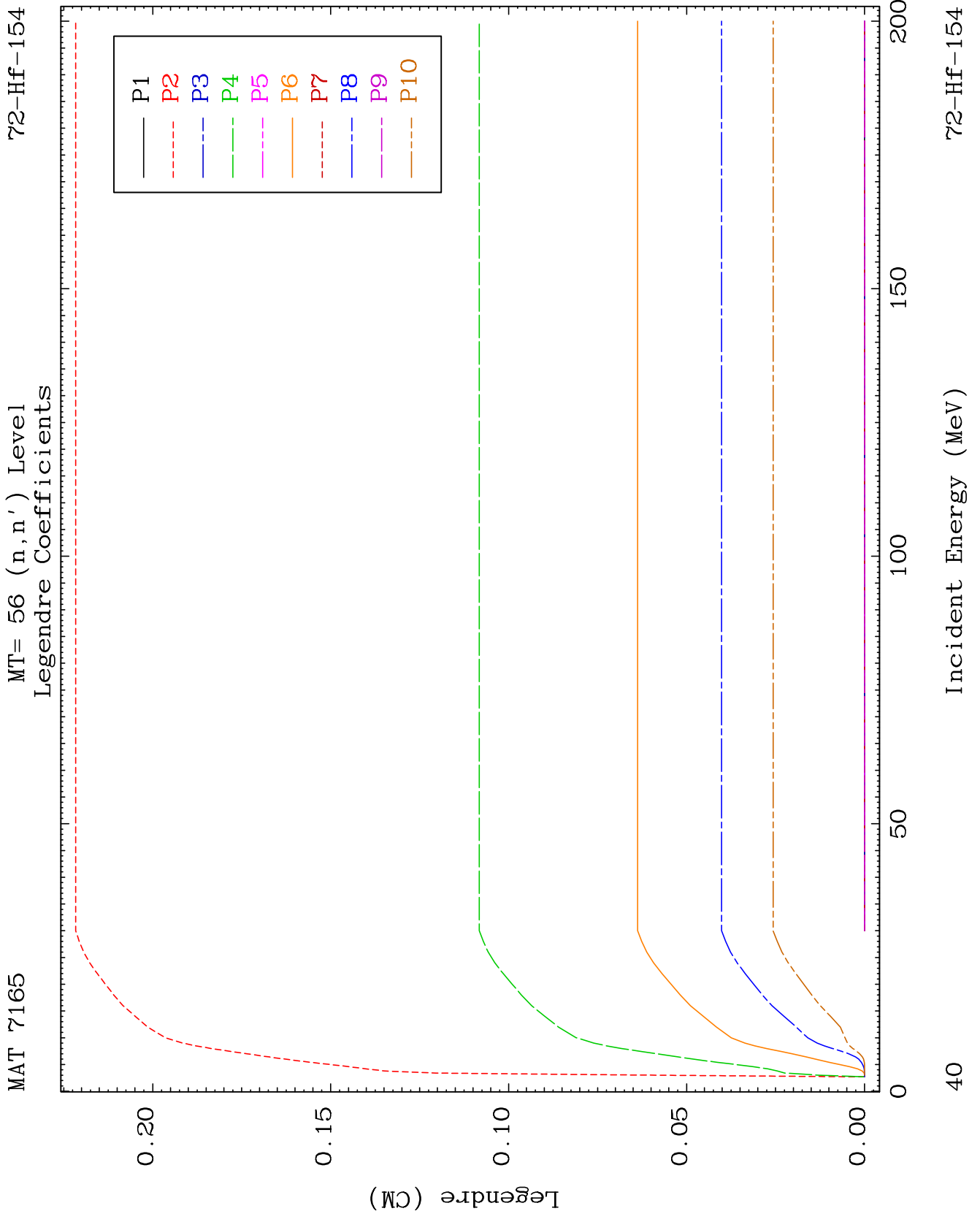
72-Hf-154



39

Incident Energy (MeV)

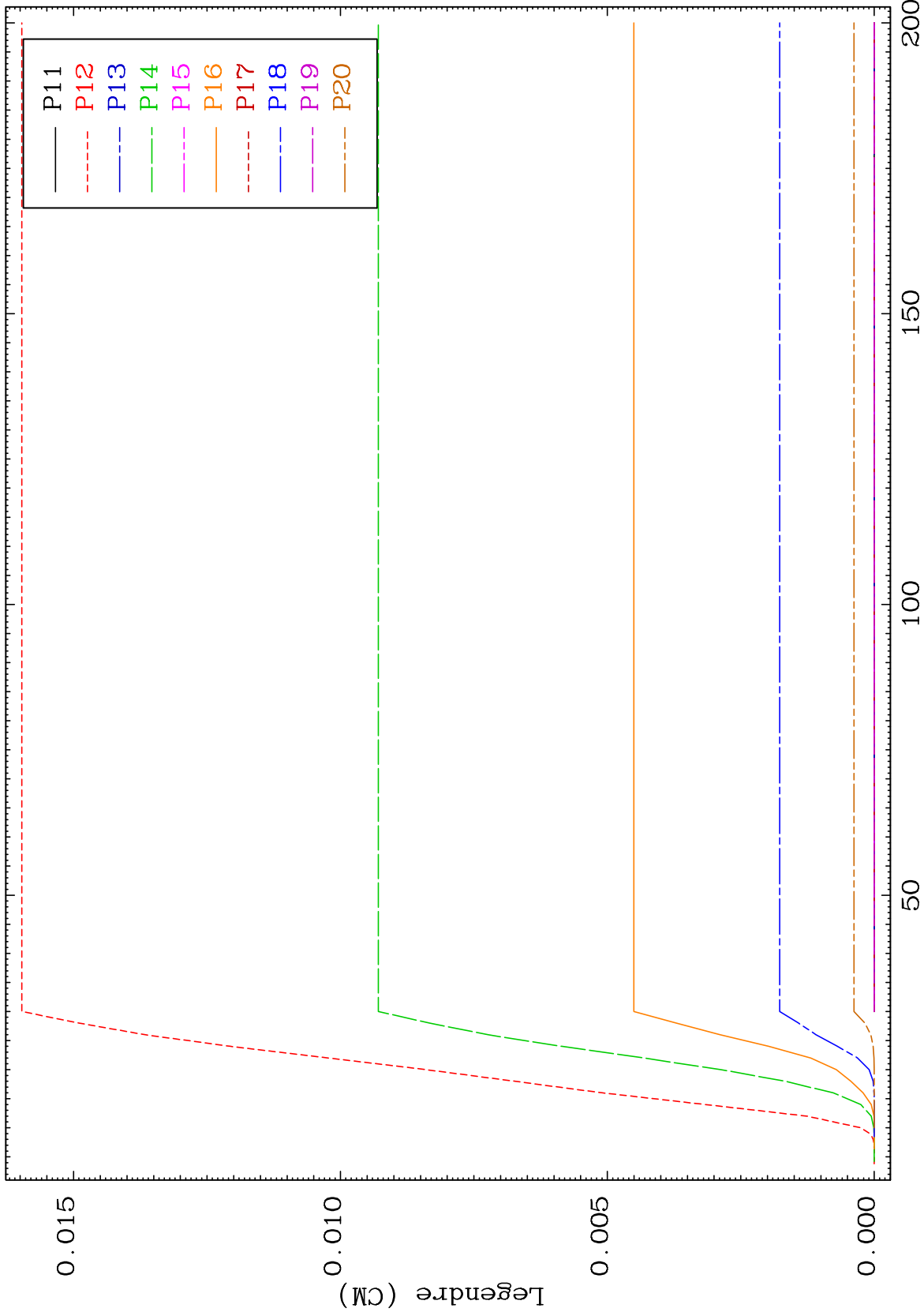
72-Hf-154



MAT 7165

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

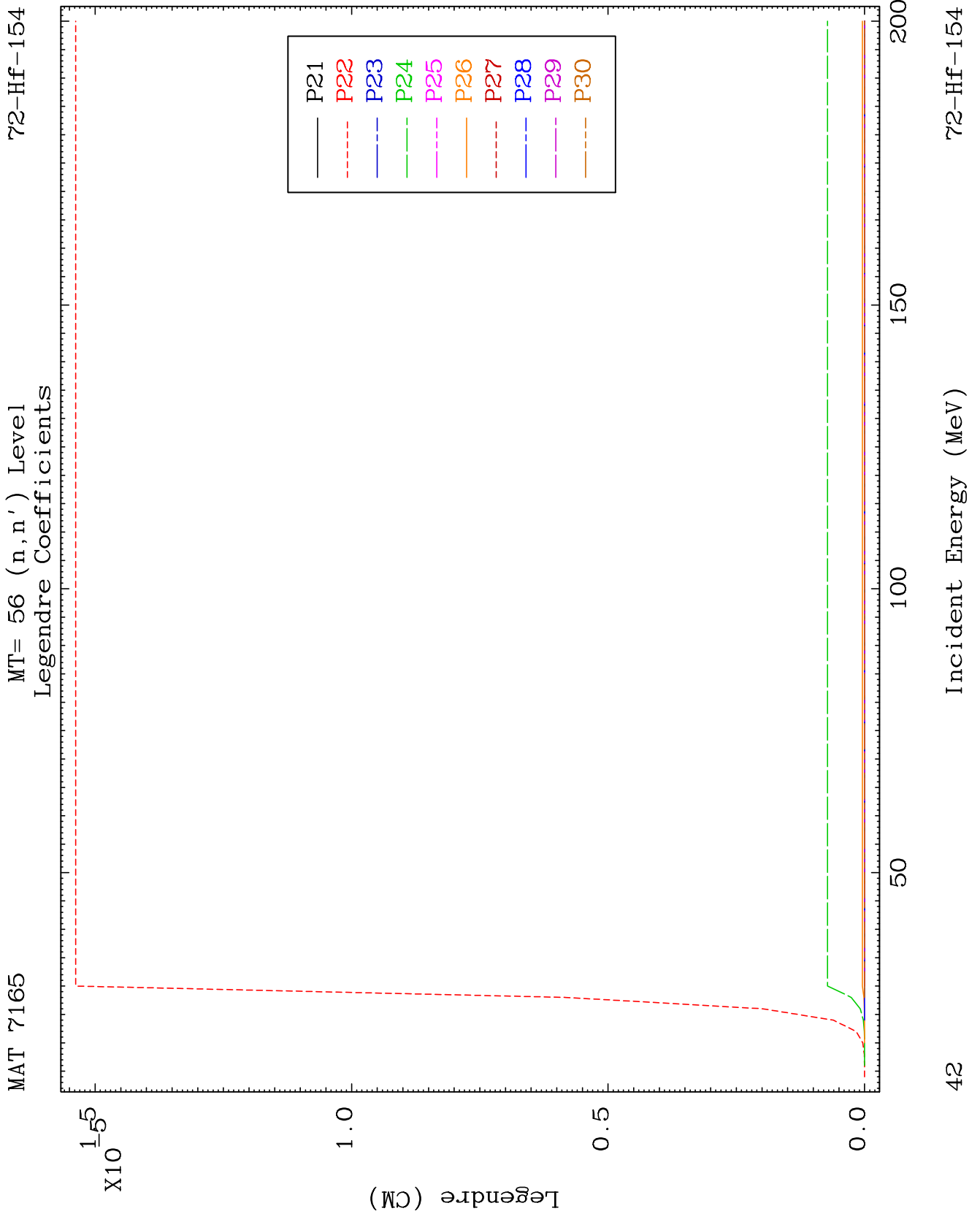
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41

Incident Energy (MeV)

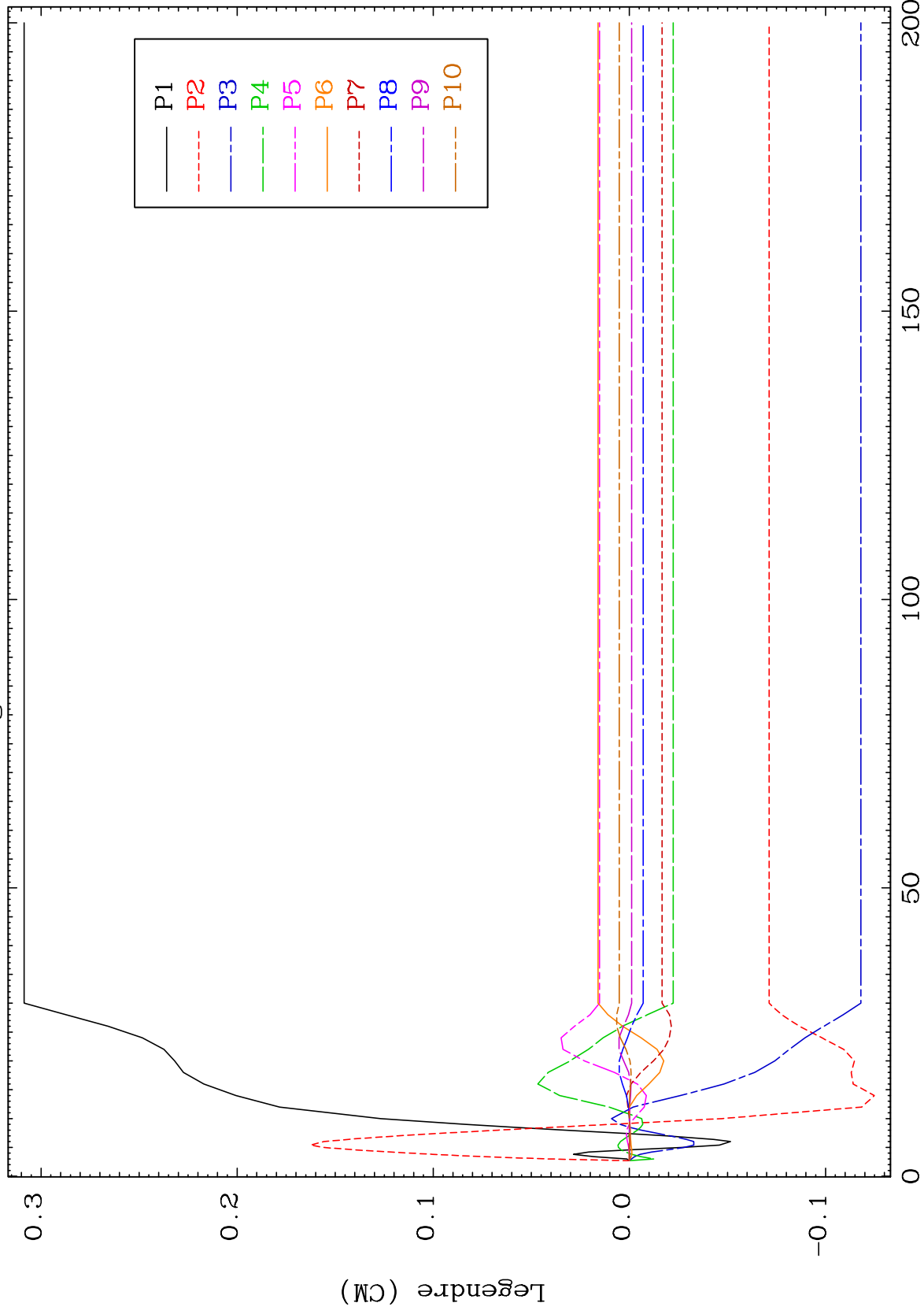
72-Hf-154



MAT 7165

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

72-Hf-154



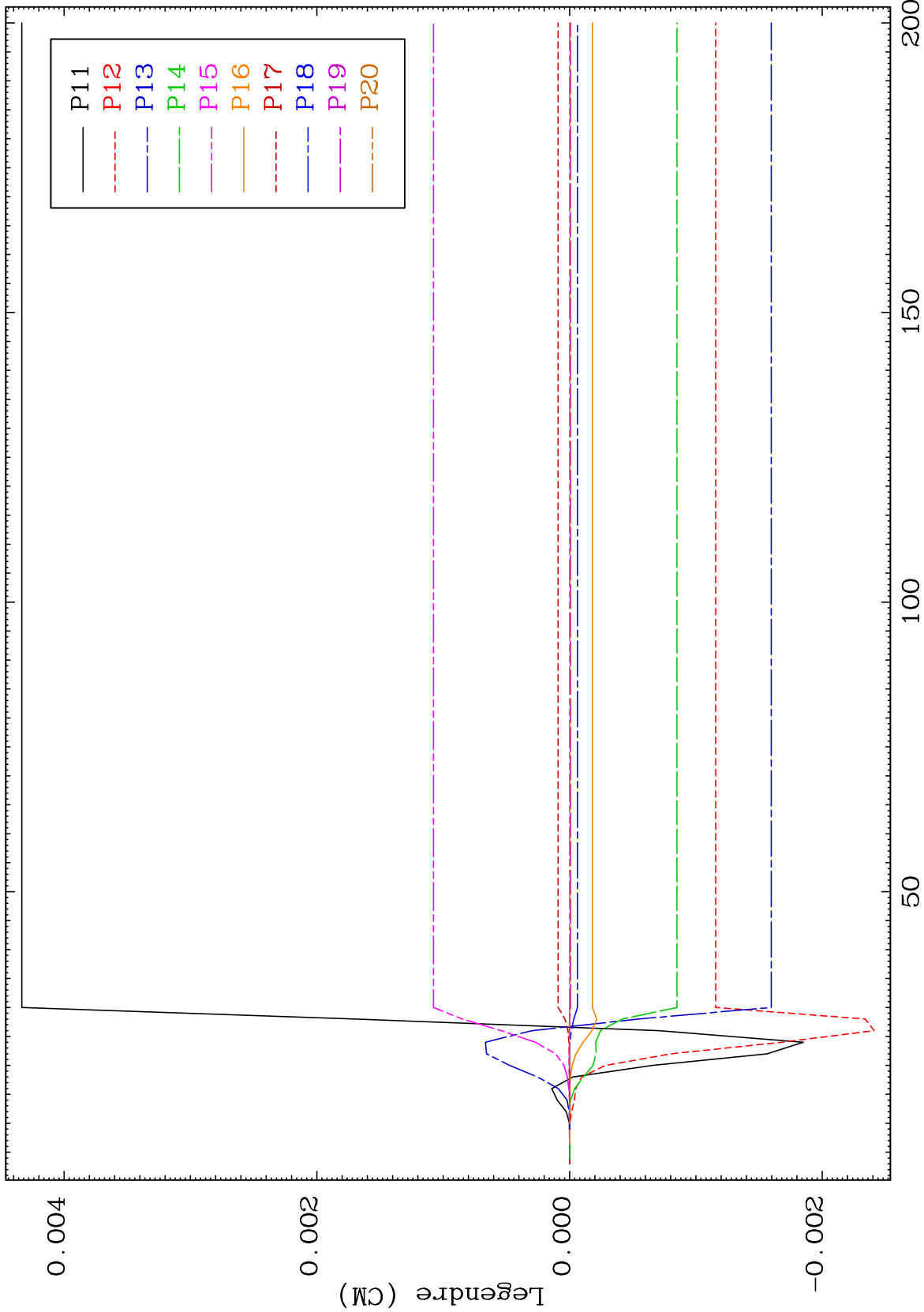
43

72-Hf-154

MAT 7165

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

72-Hf-154



44

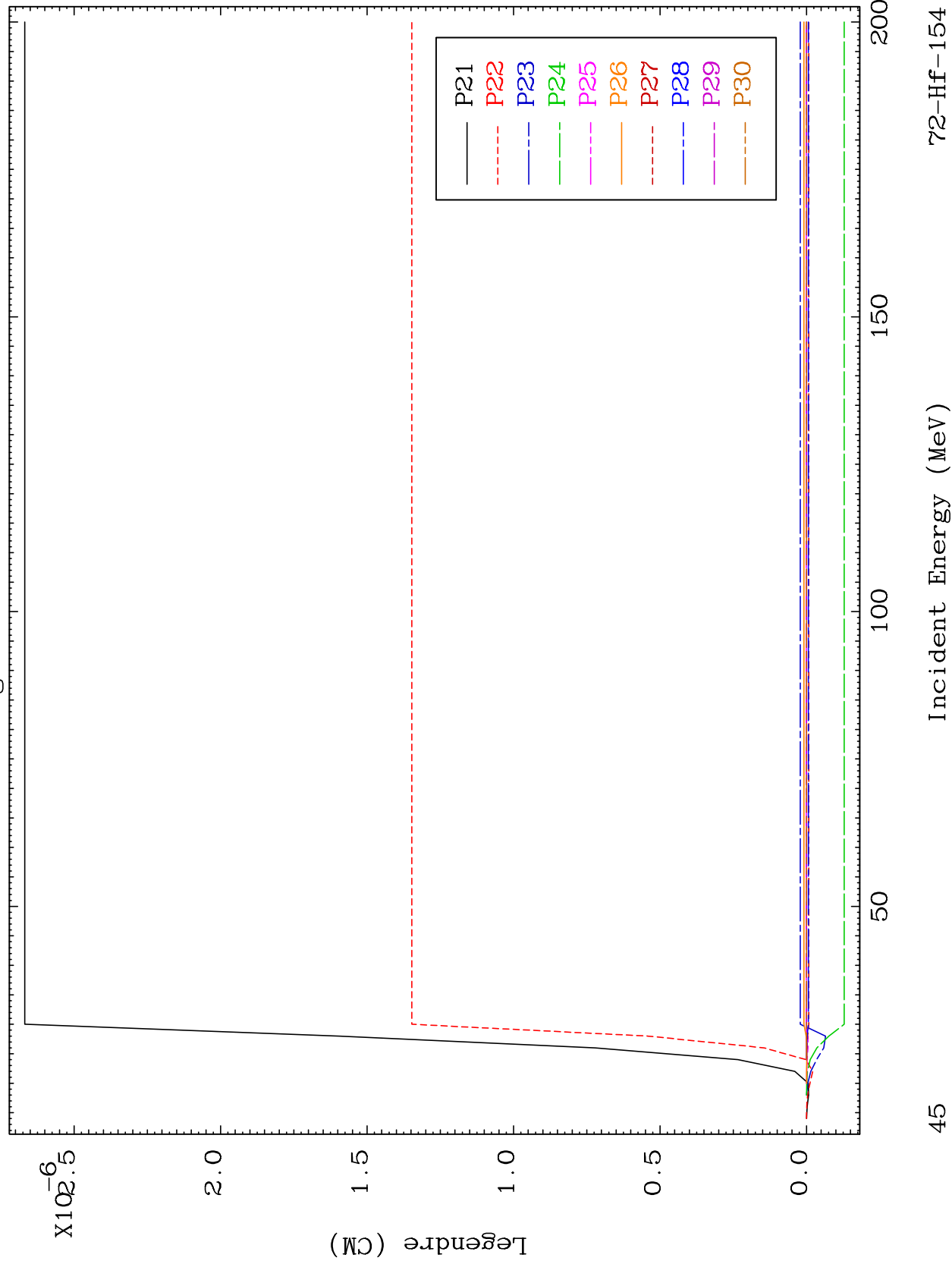
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



45

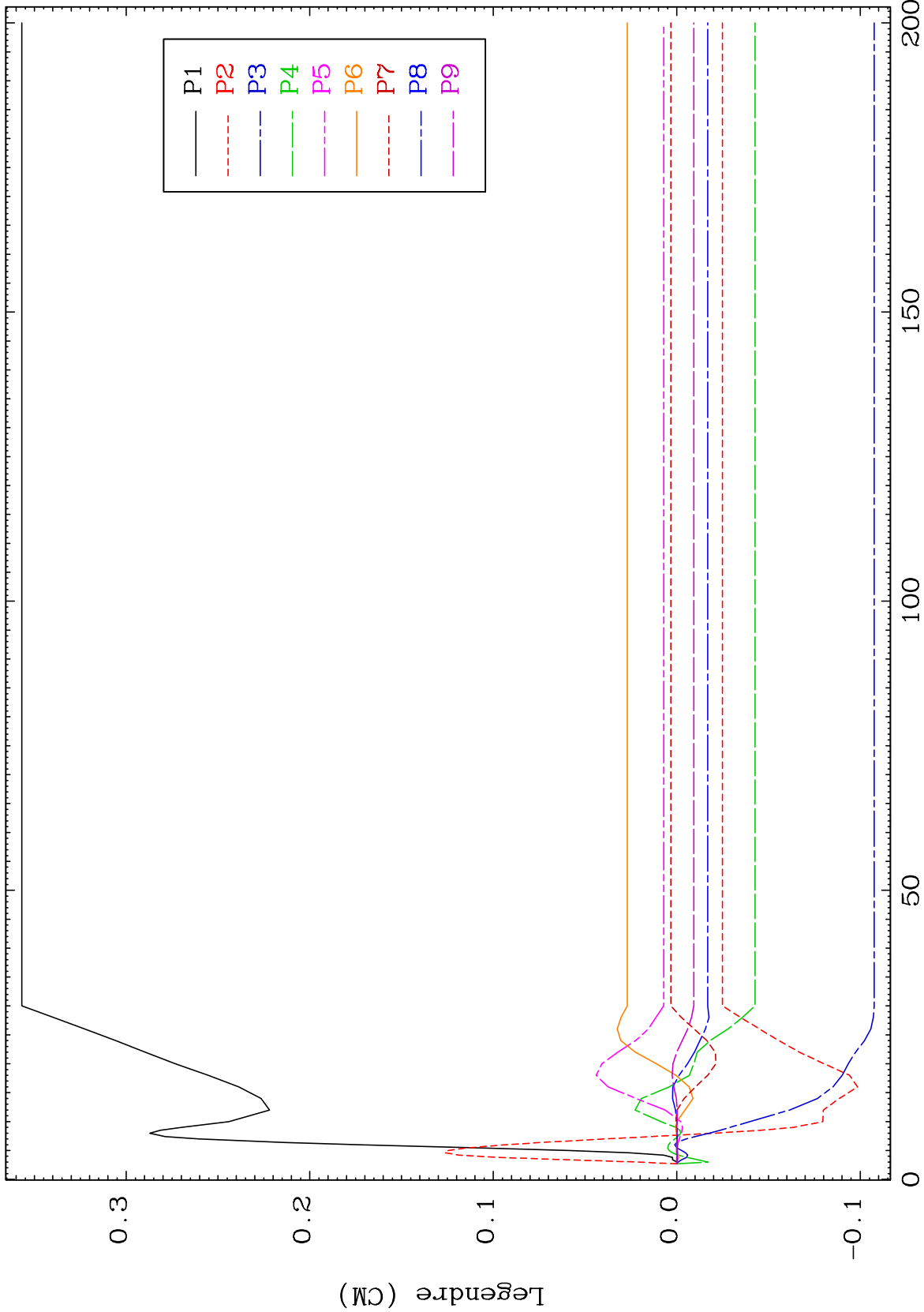
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



46

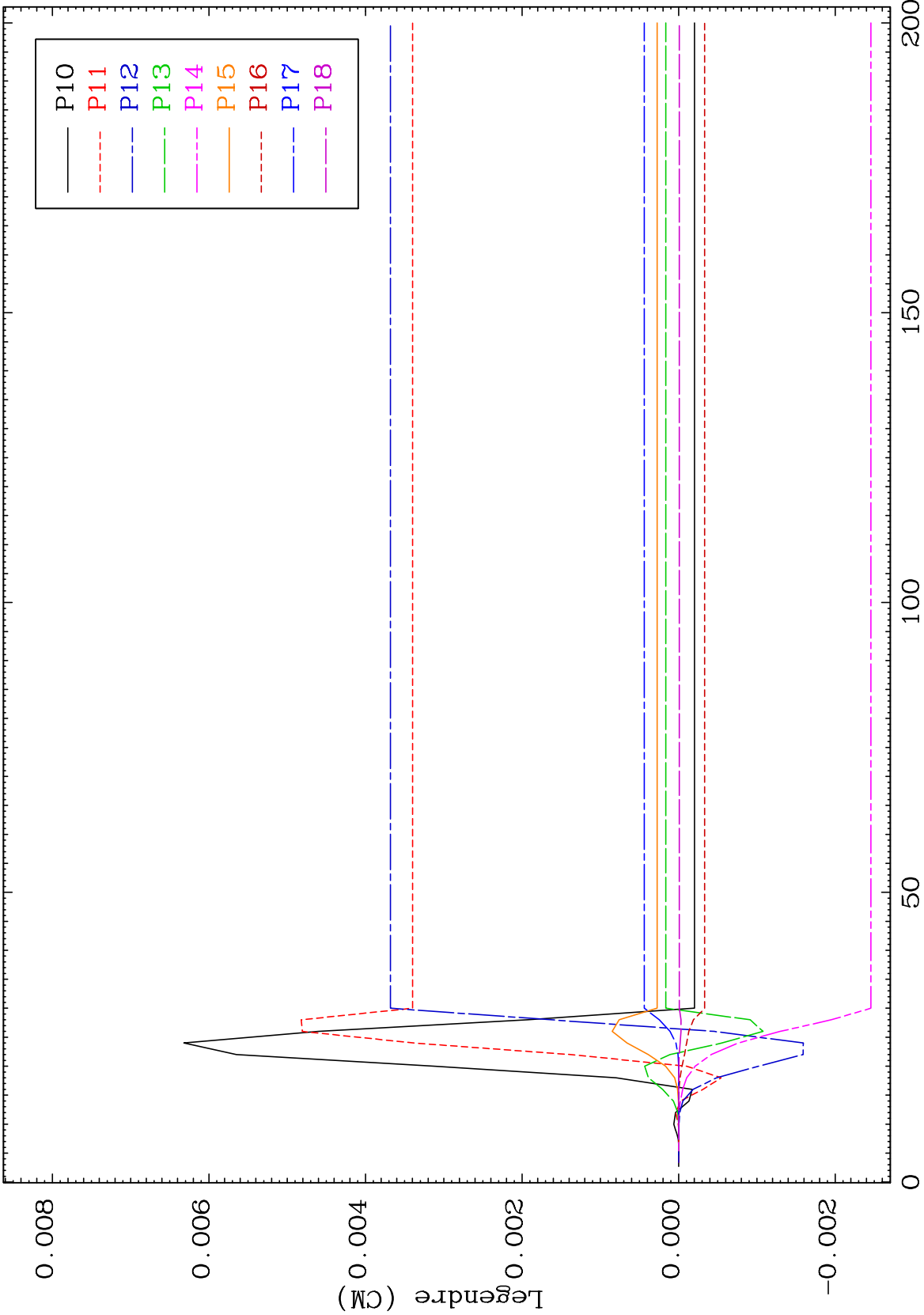
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

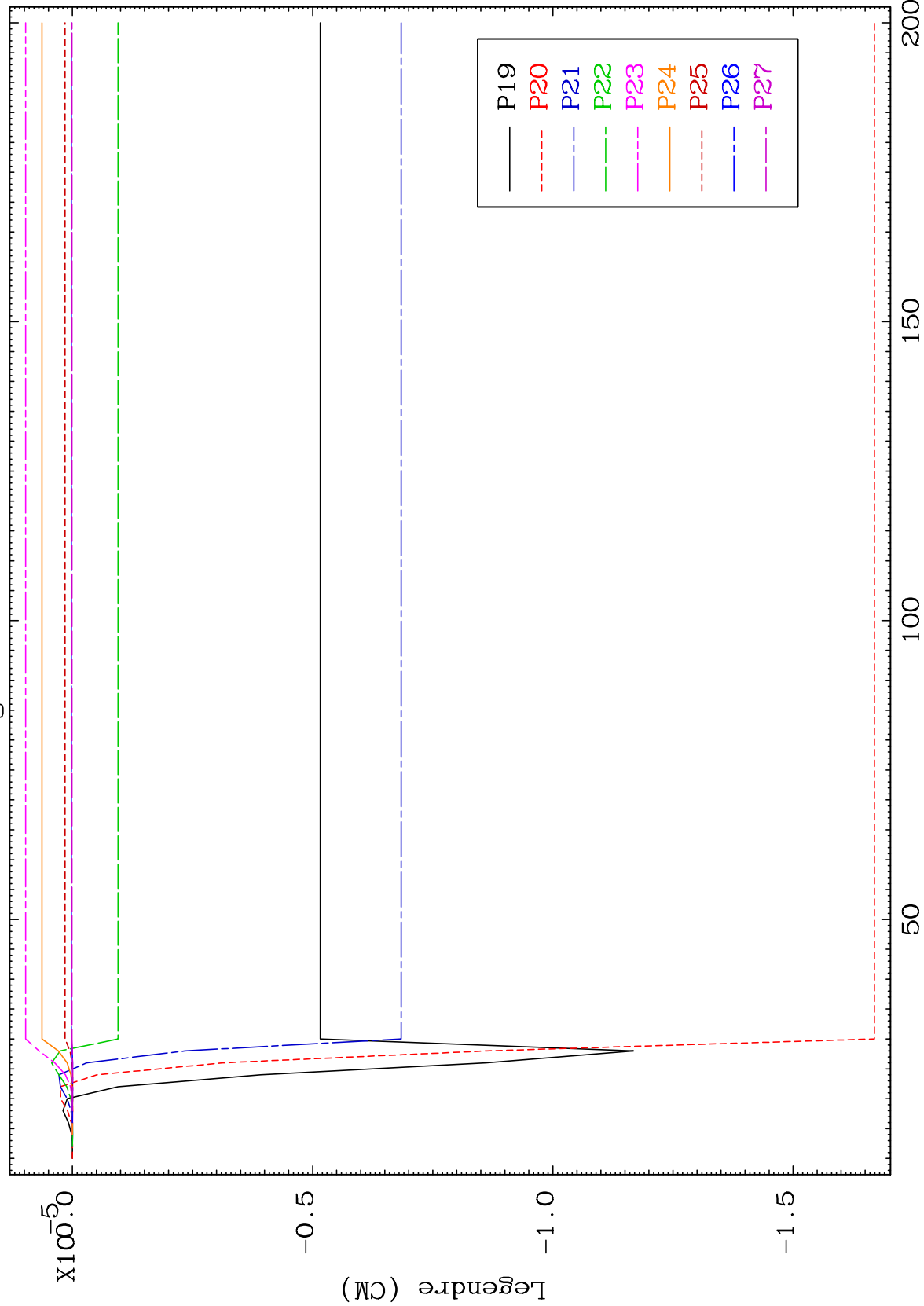
72-Hf-154



47

Incident Energy (MeV)

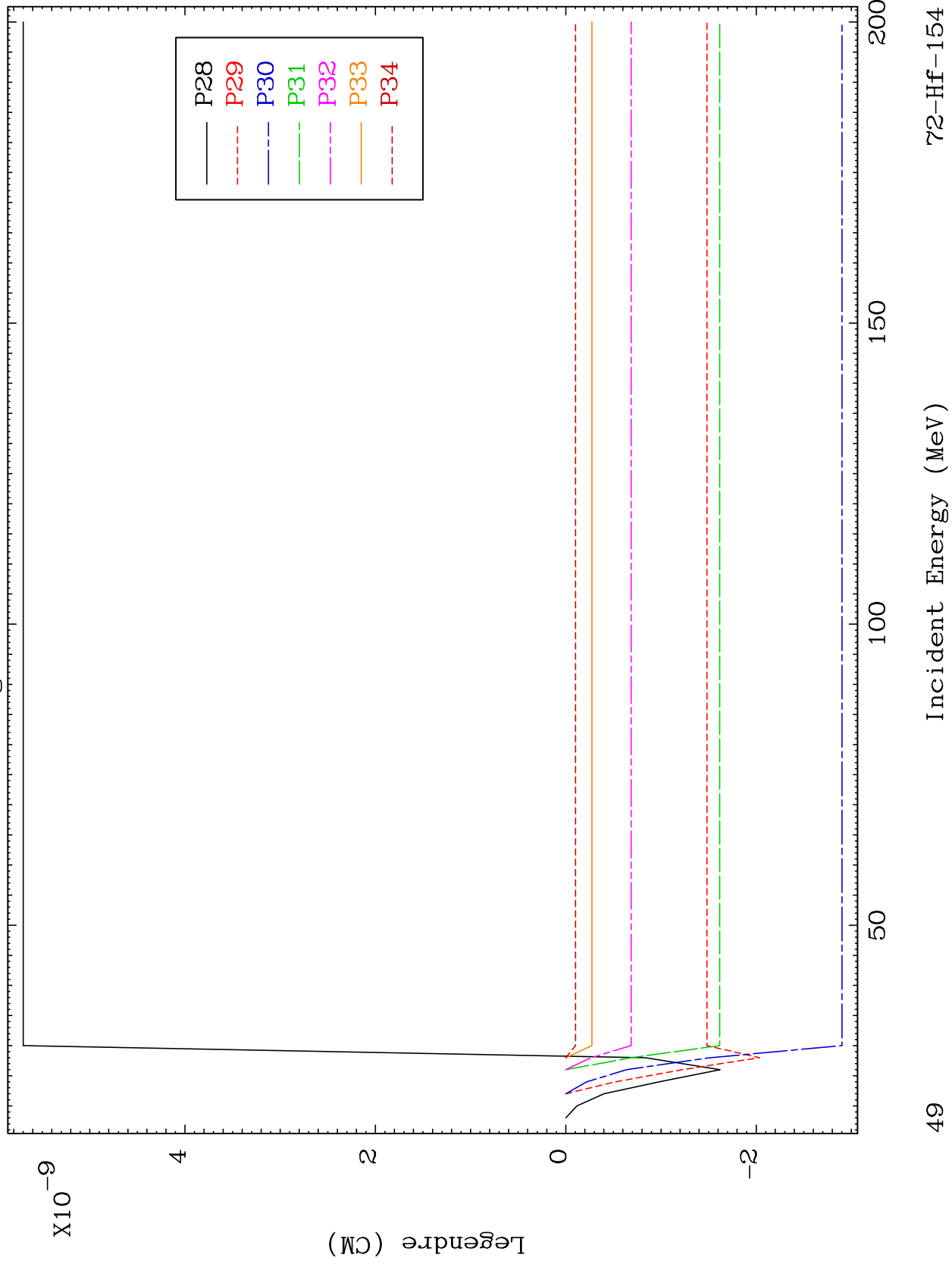
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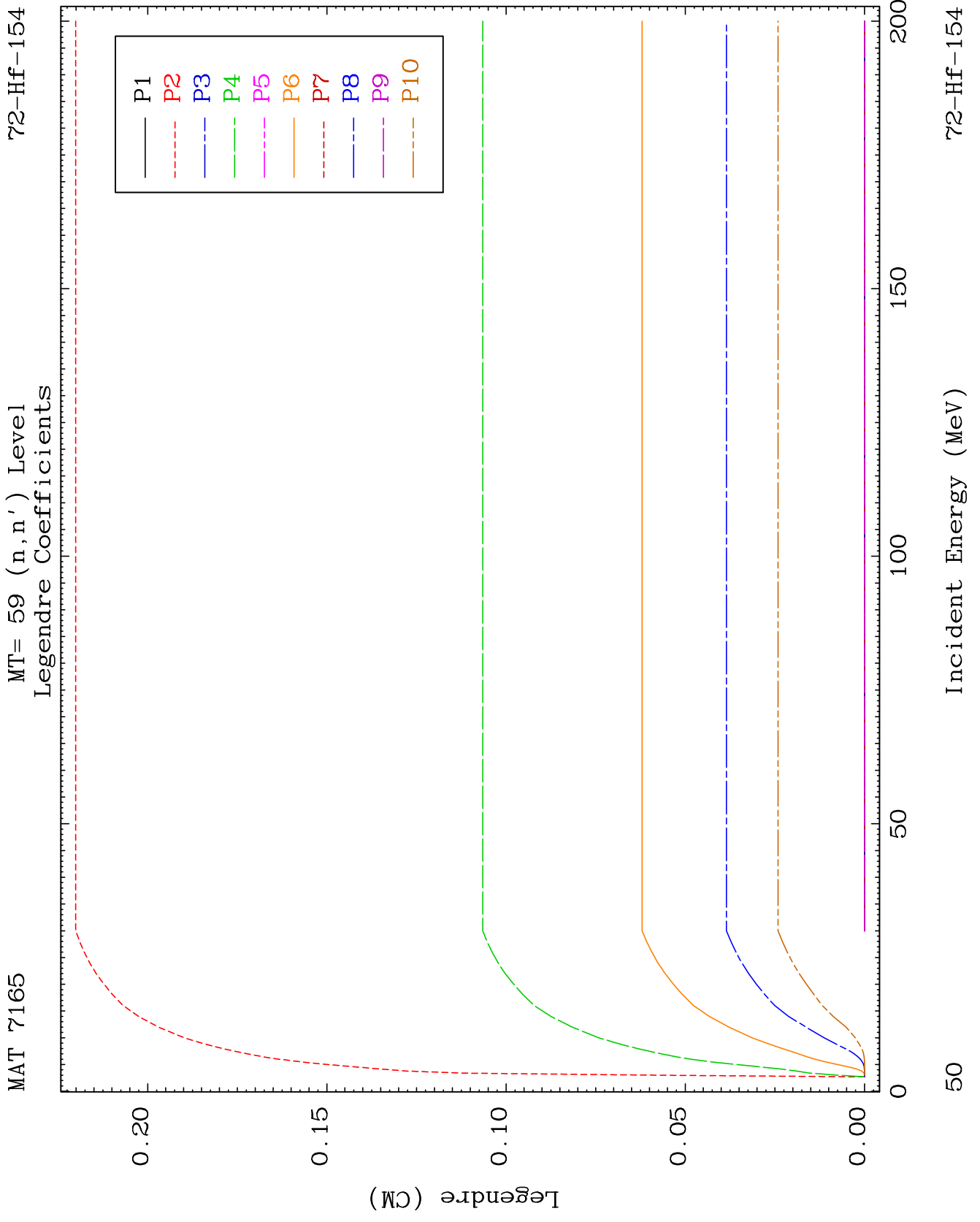
MAT 7165

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

72-Hf-154



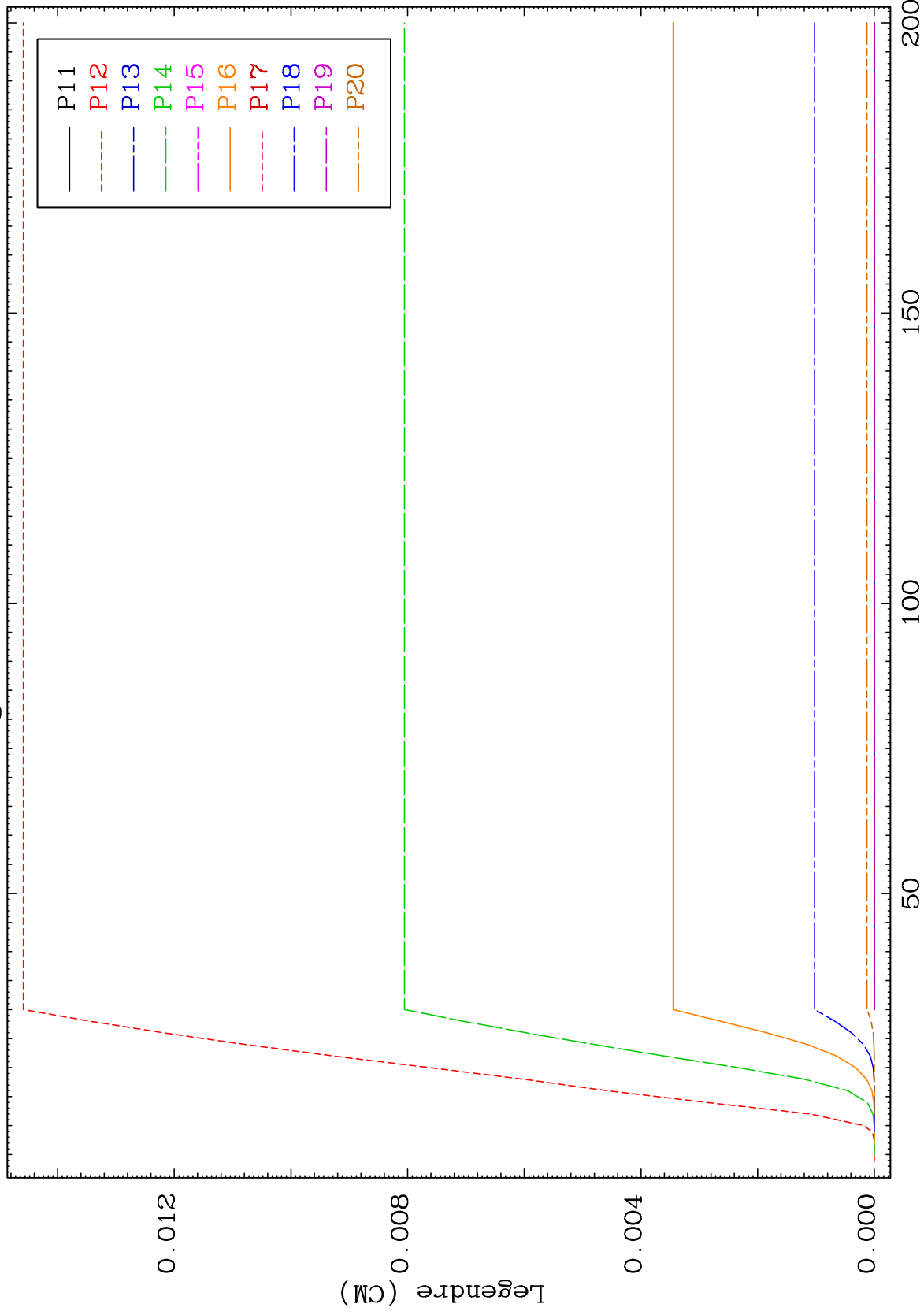
72-Hf-154



MAT 7165

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

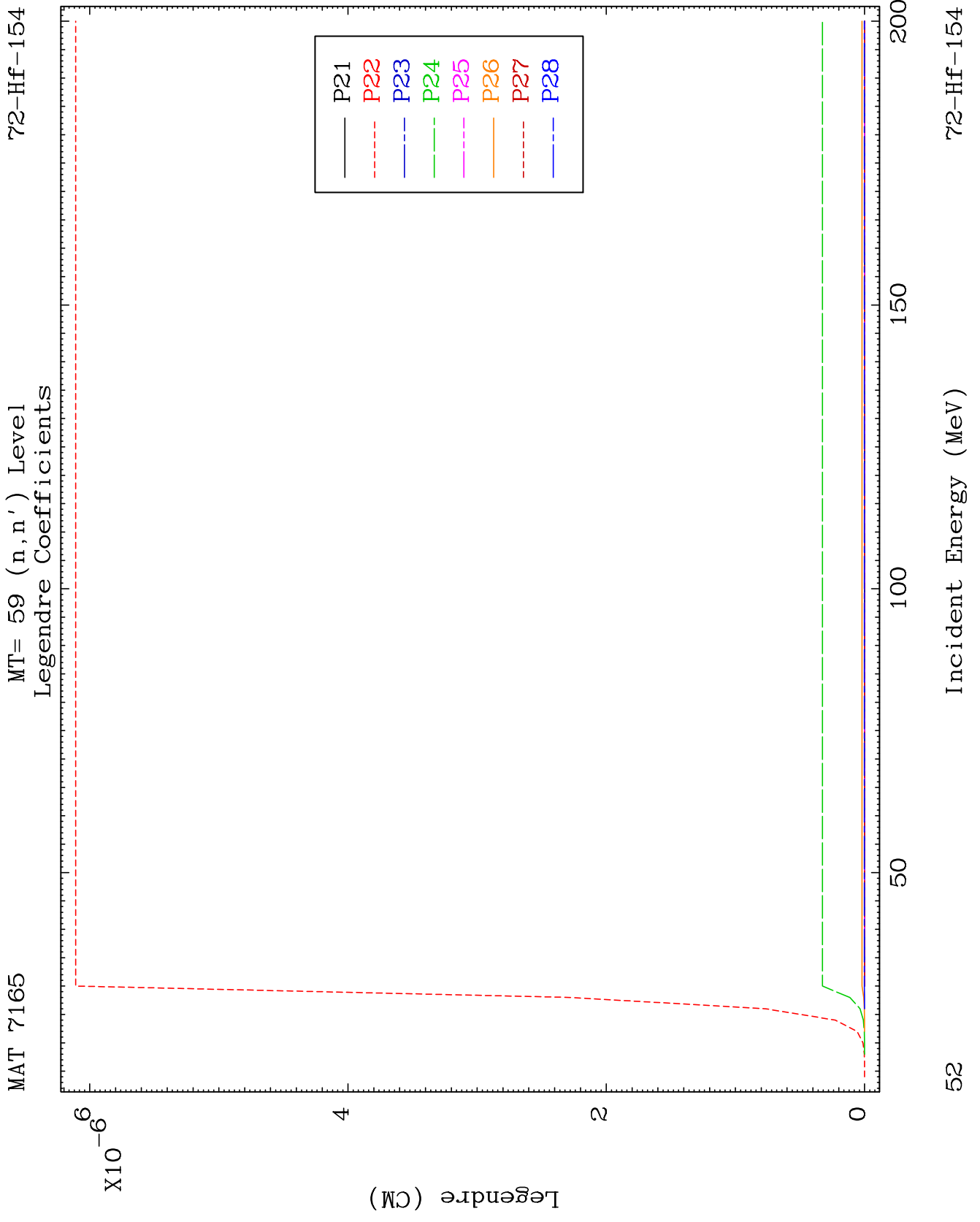
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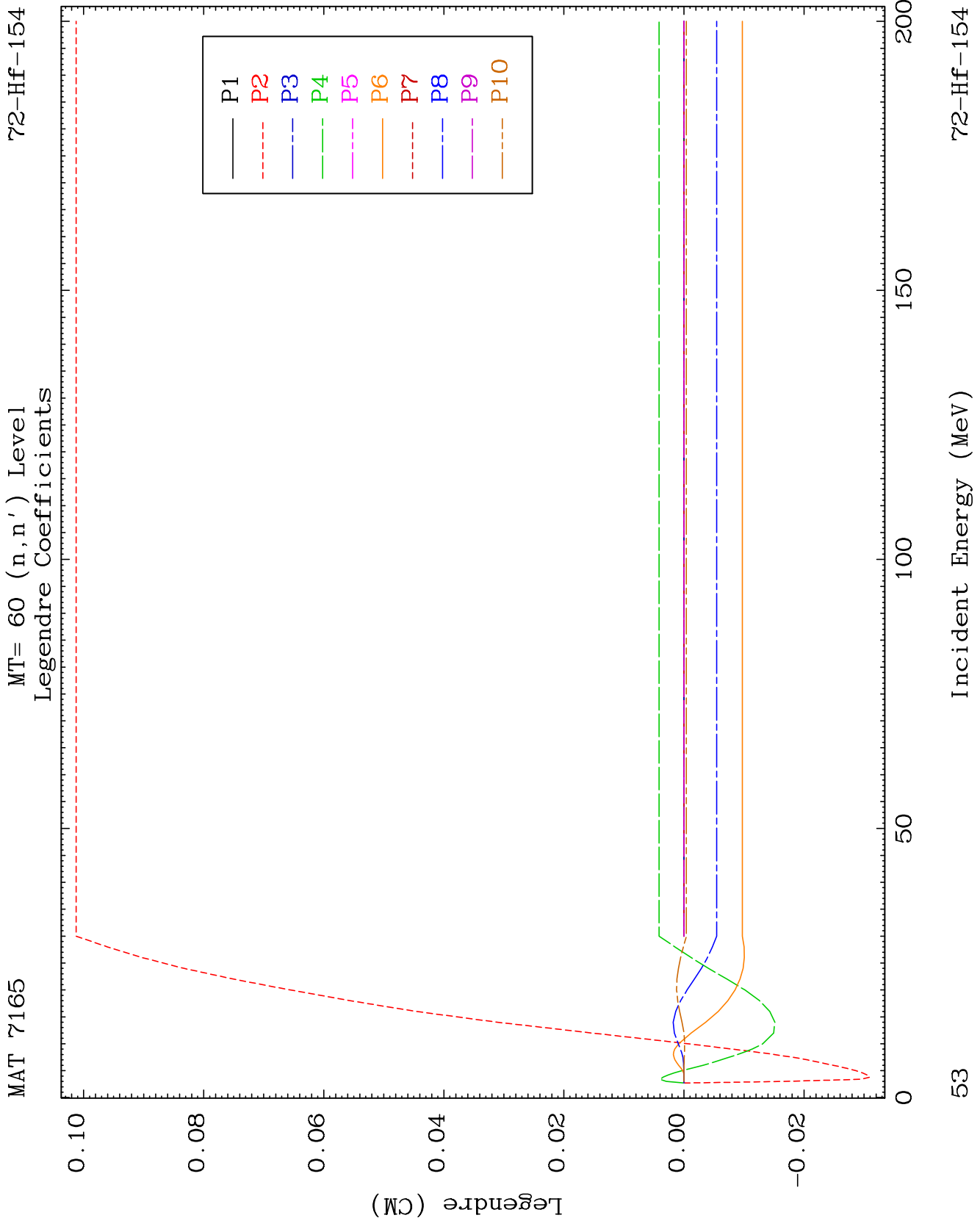


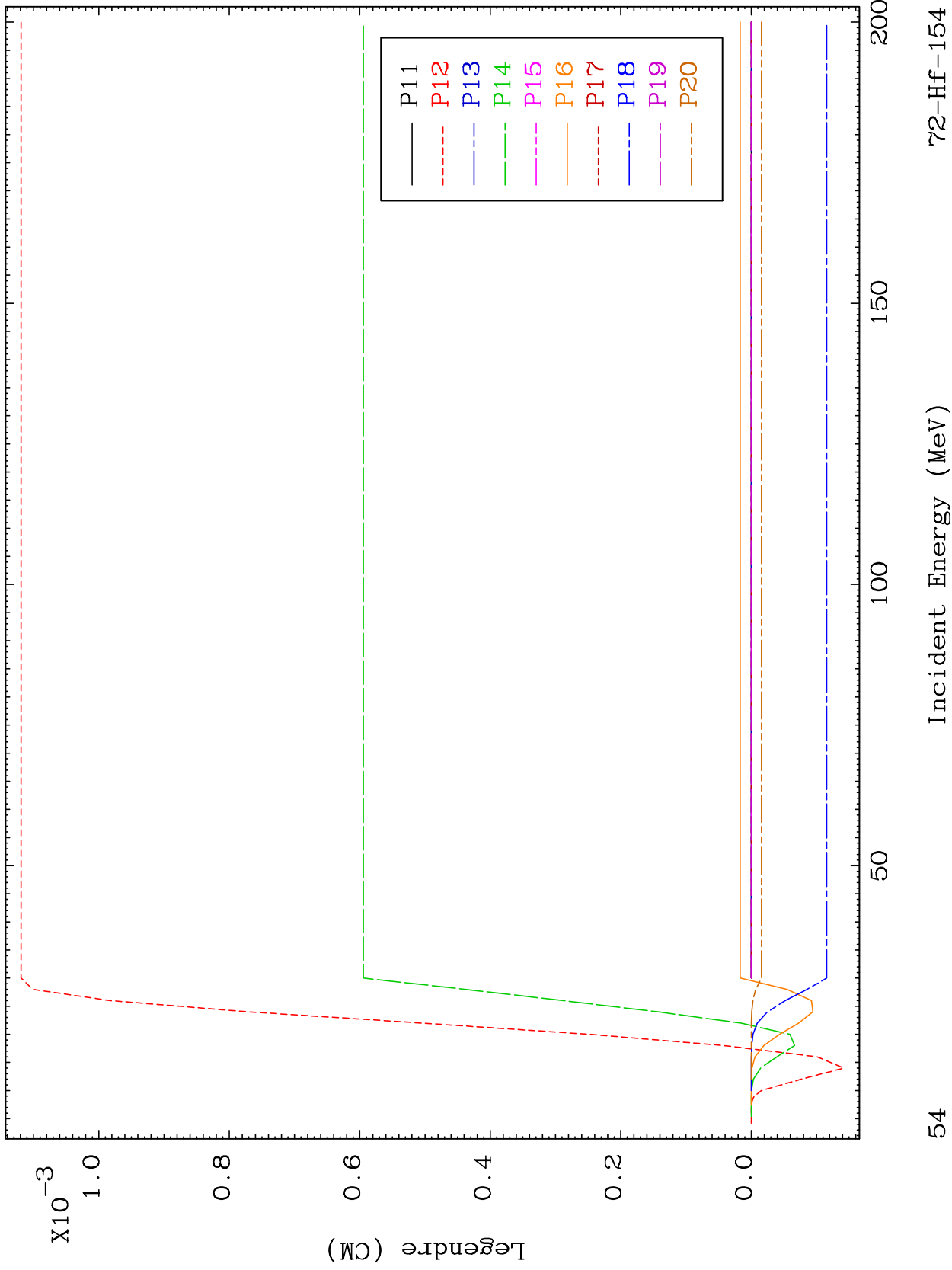
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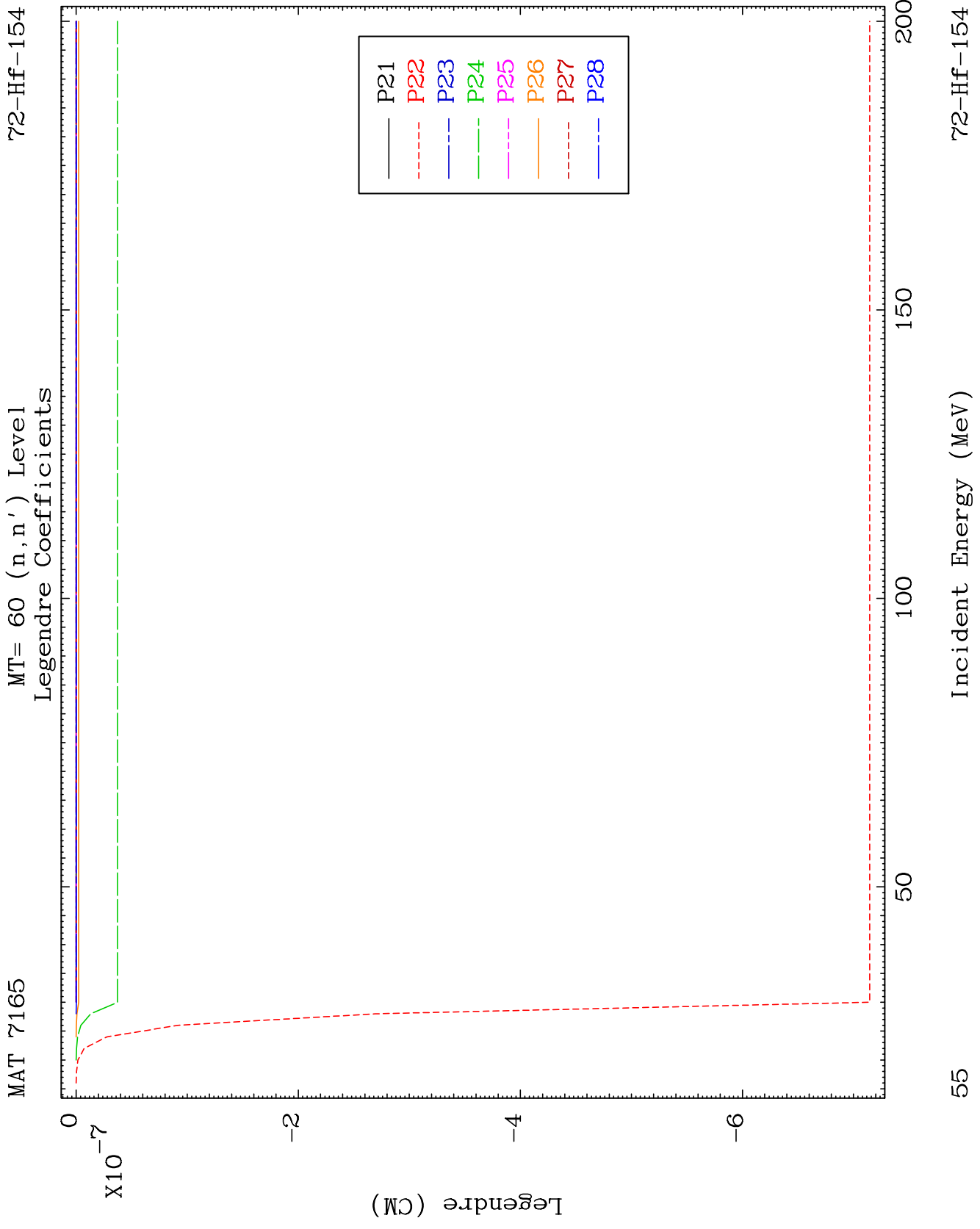
Incident Energy (MeV)

72-Hf-154





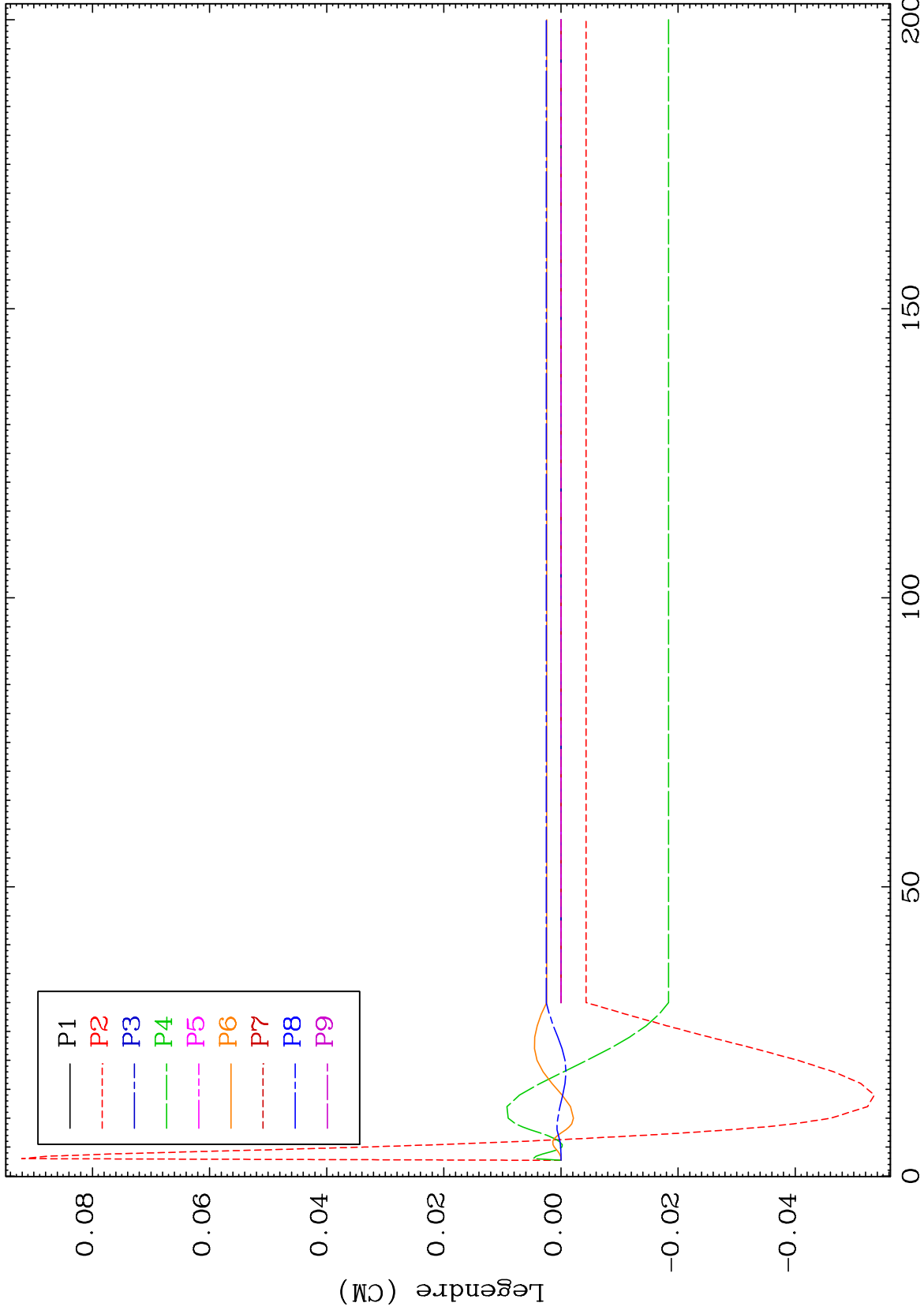




MAT 7165

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

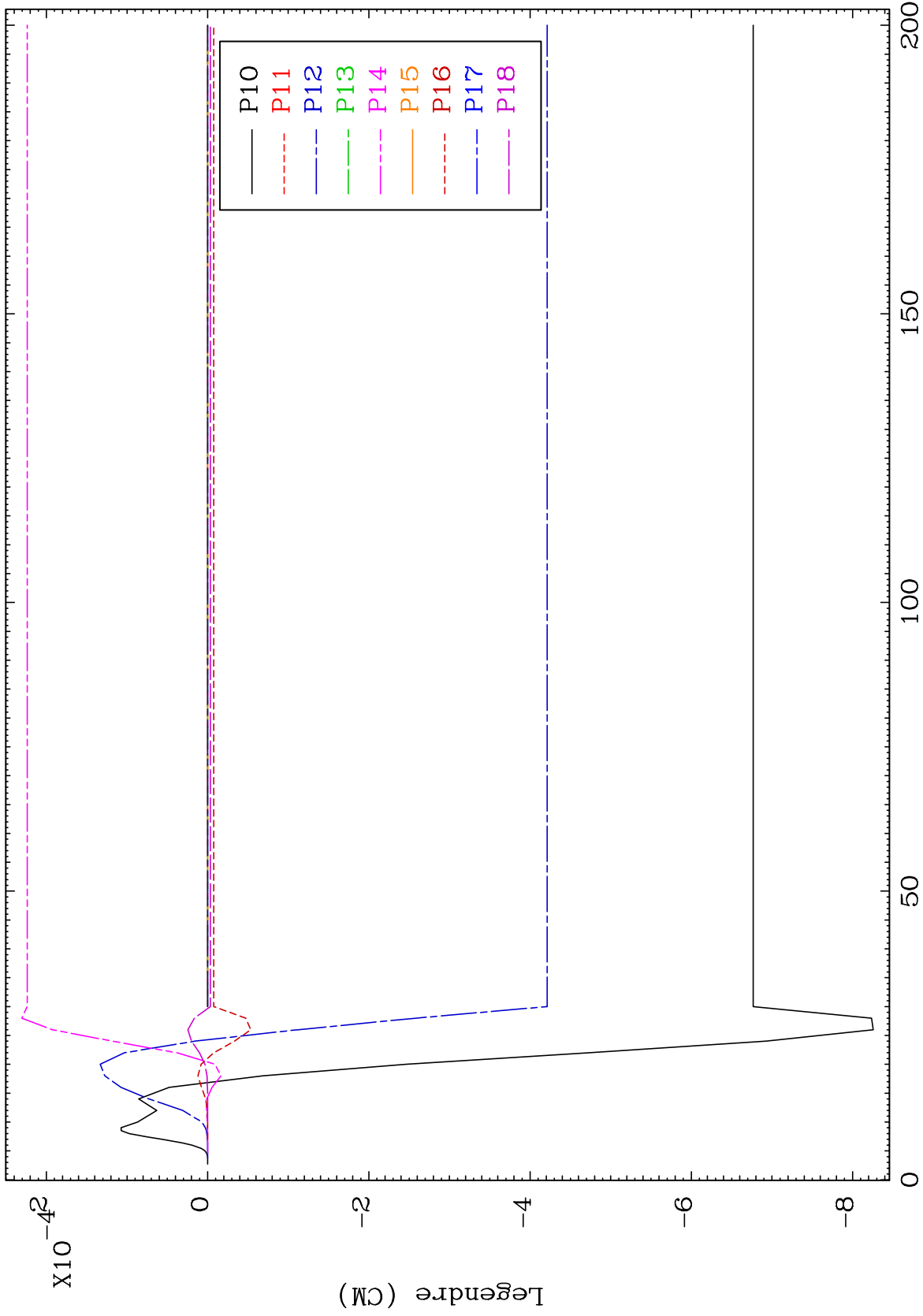
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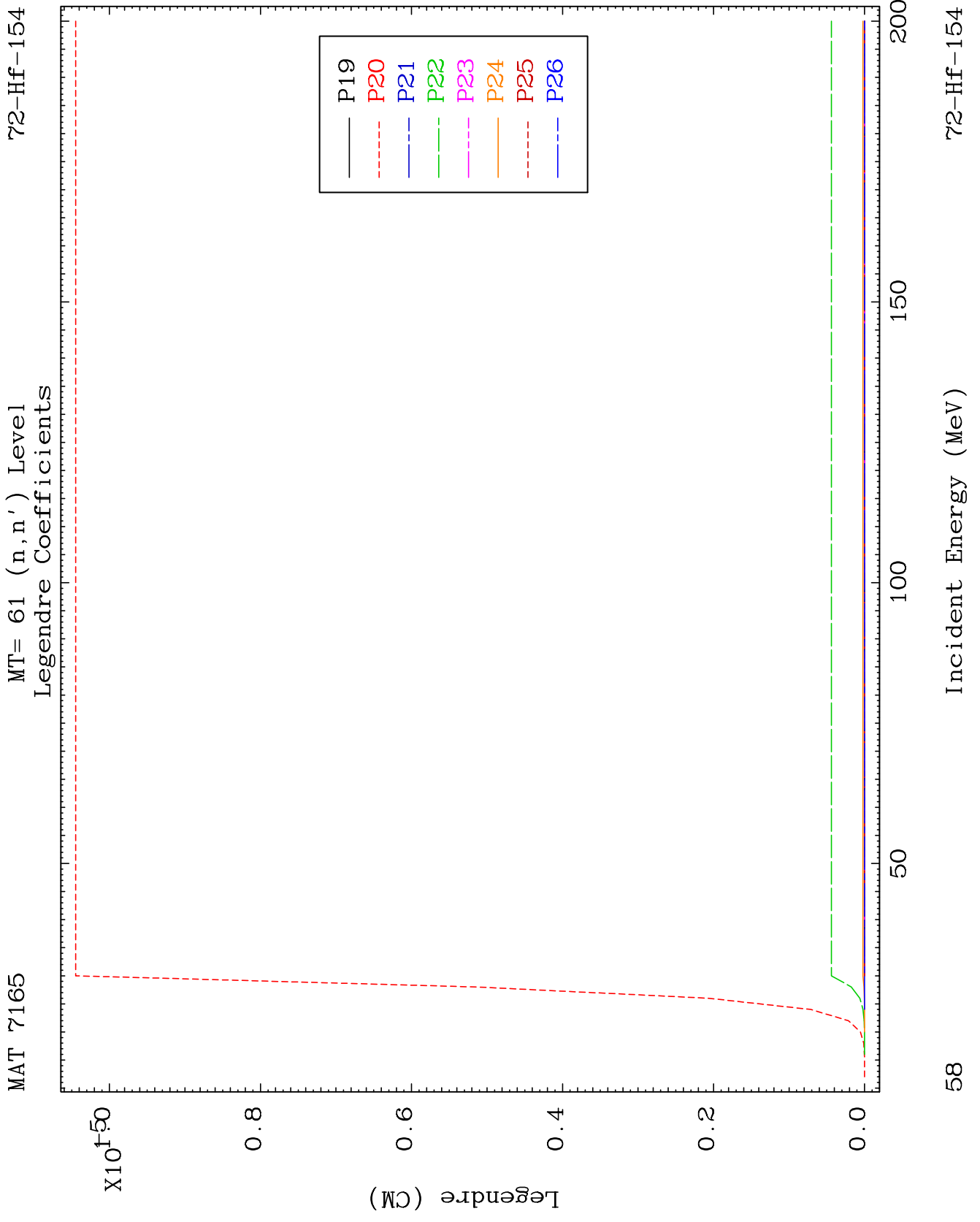


56

Incident Energy (MeV)

72-Hf-154

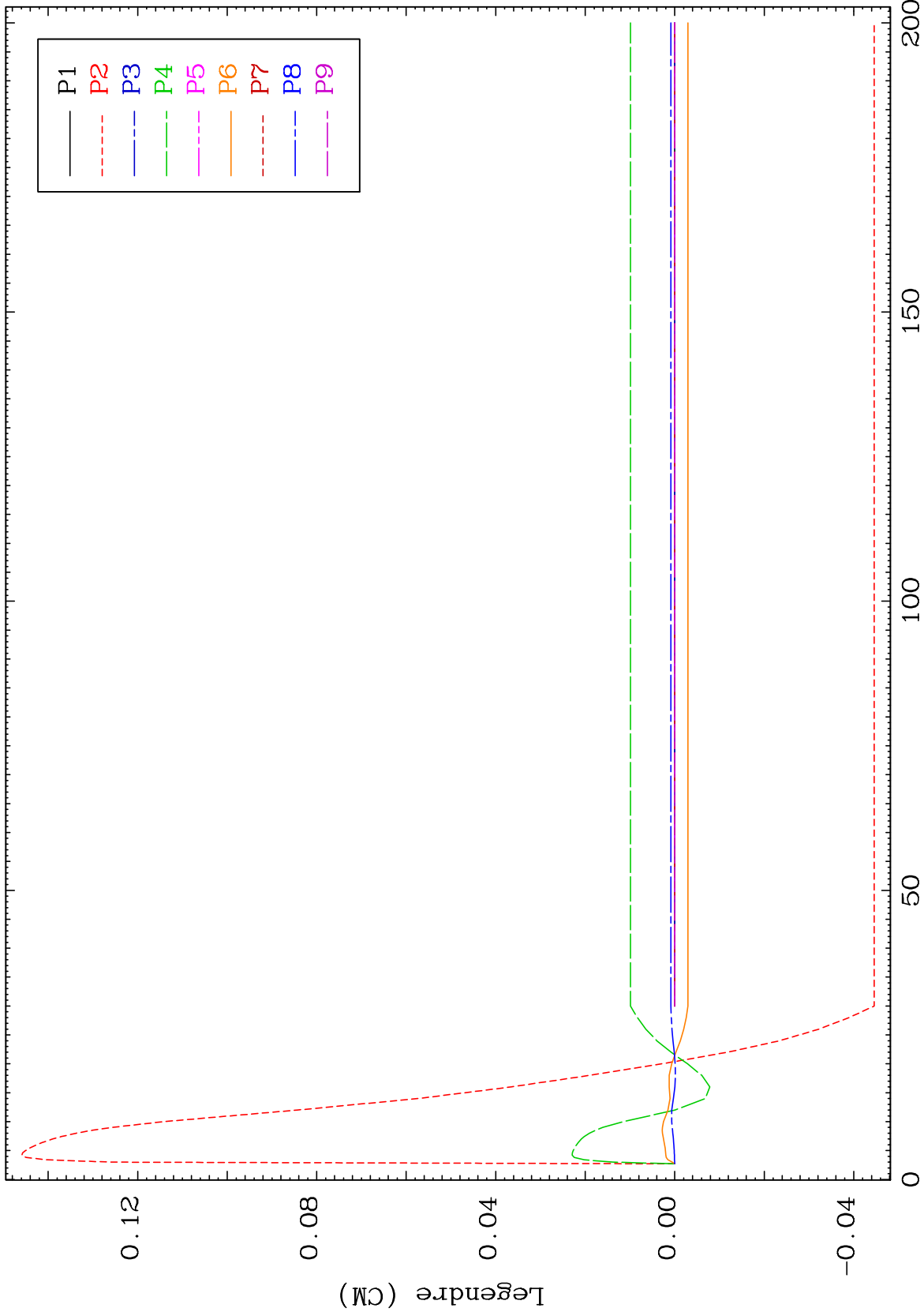




MAT 7165

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

72-Hf-154



59

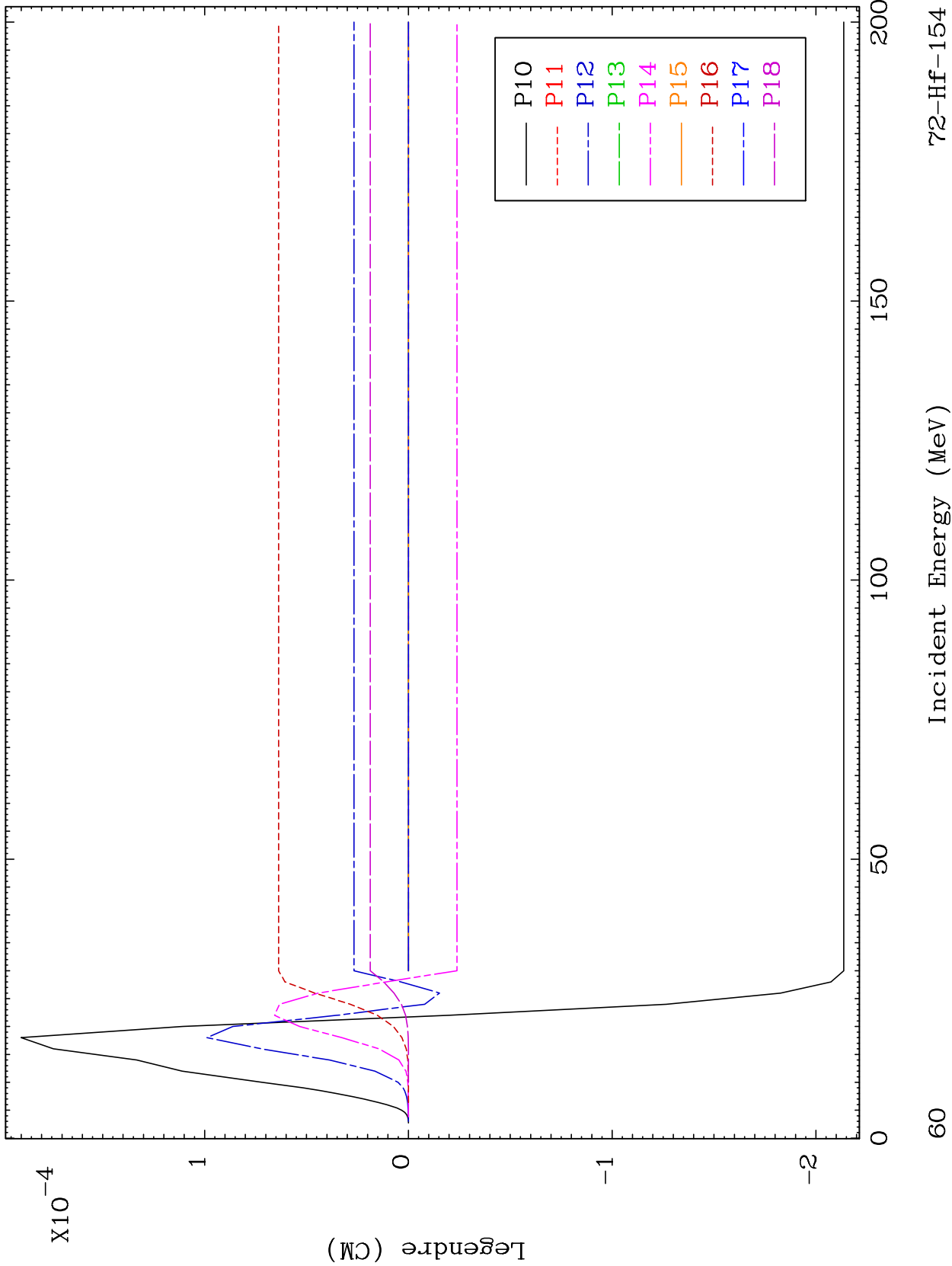
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



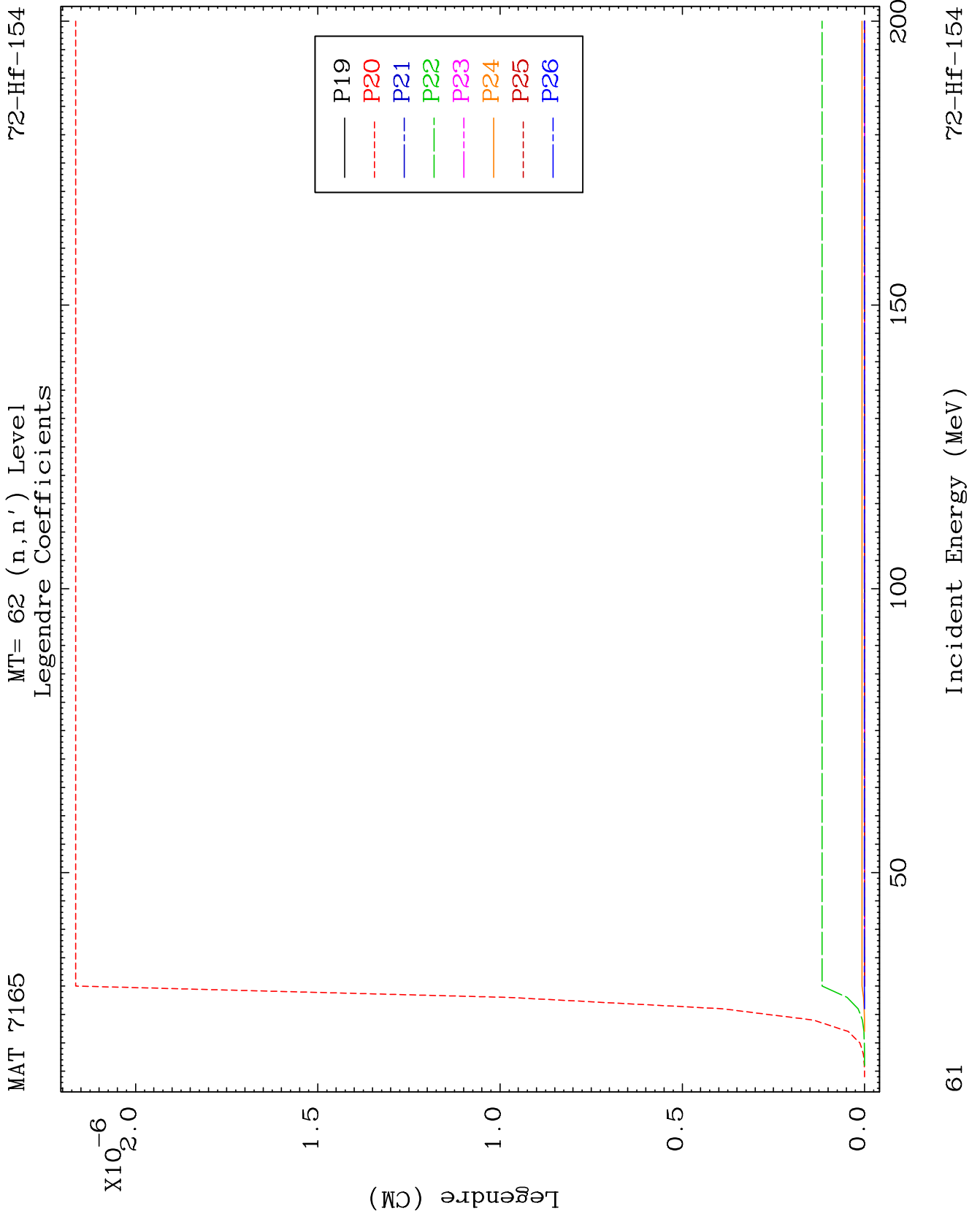
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50

100

150

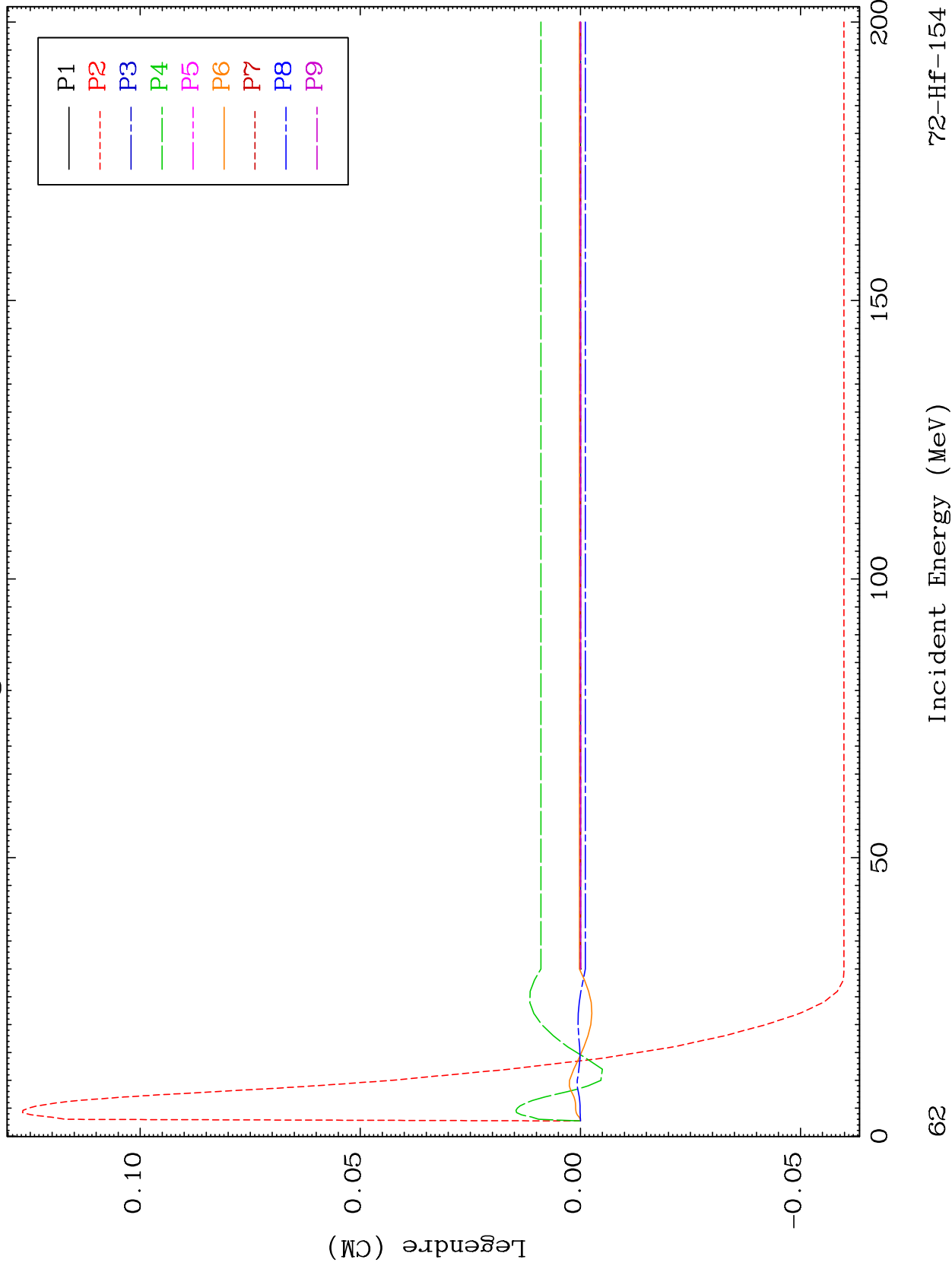
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MAT 7165

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

72-Hf-154



72-Hf-154

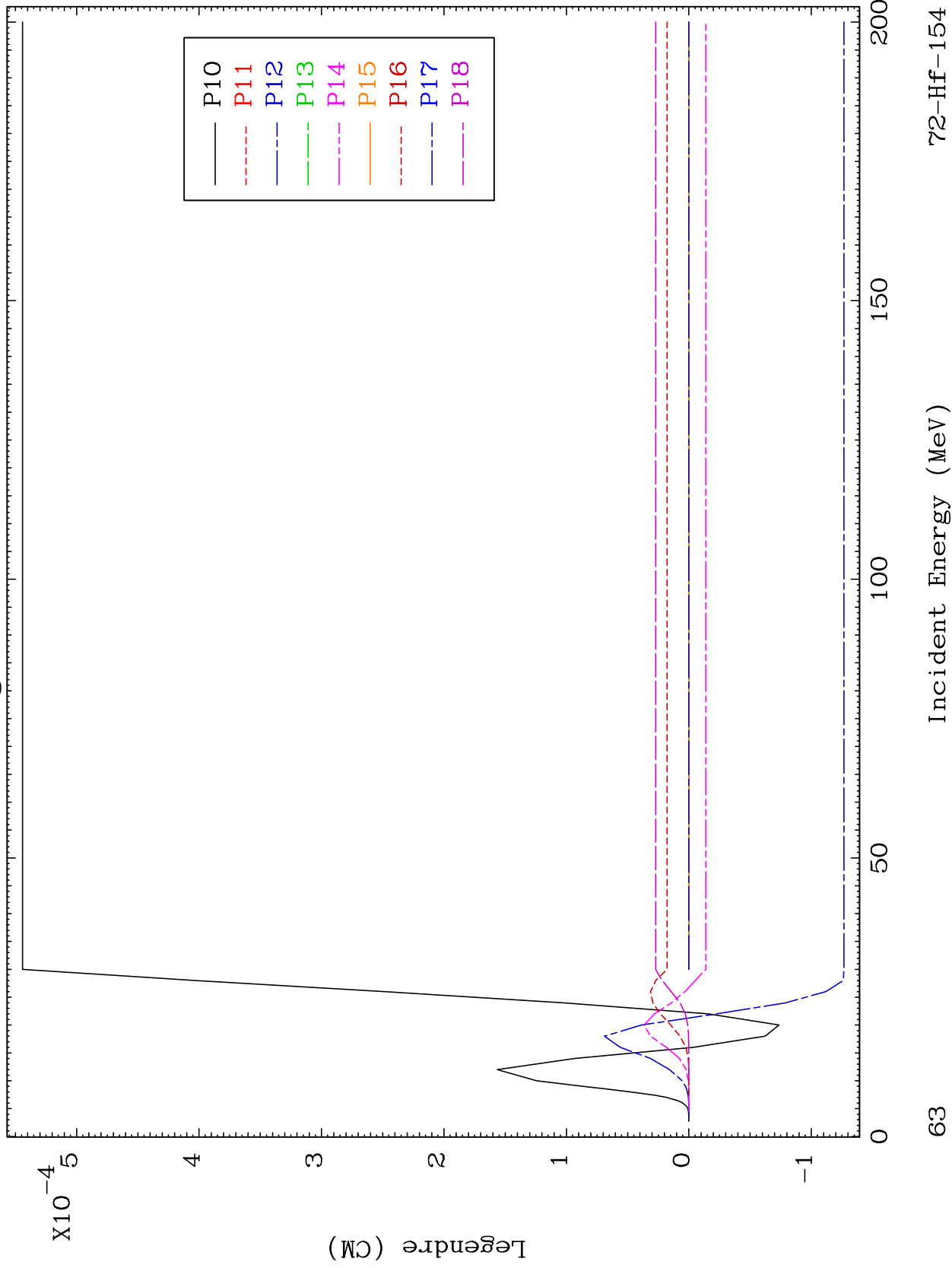
Incident Energy (MeV)

62

MAT 7165

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

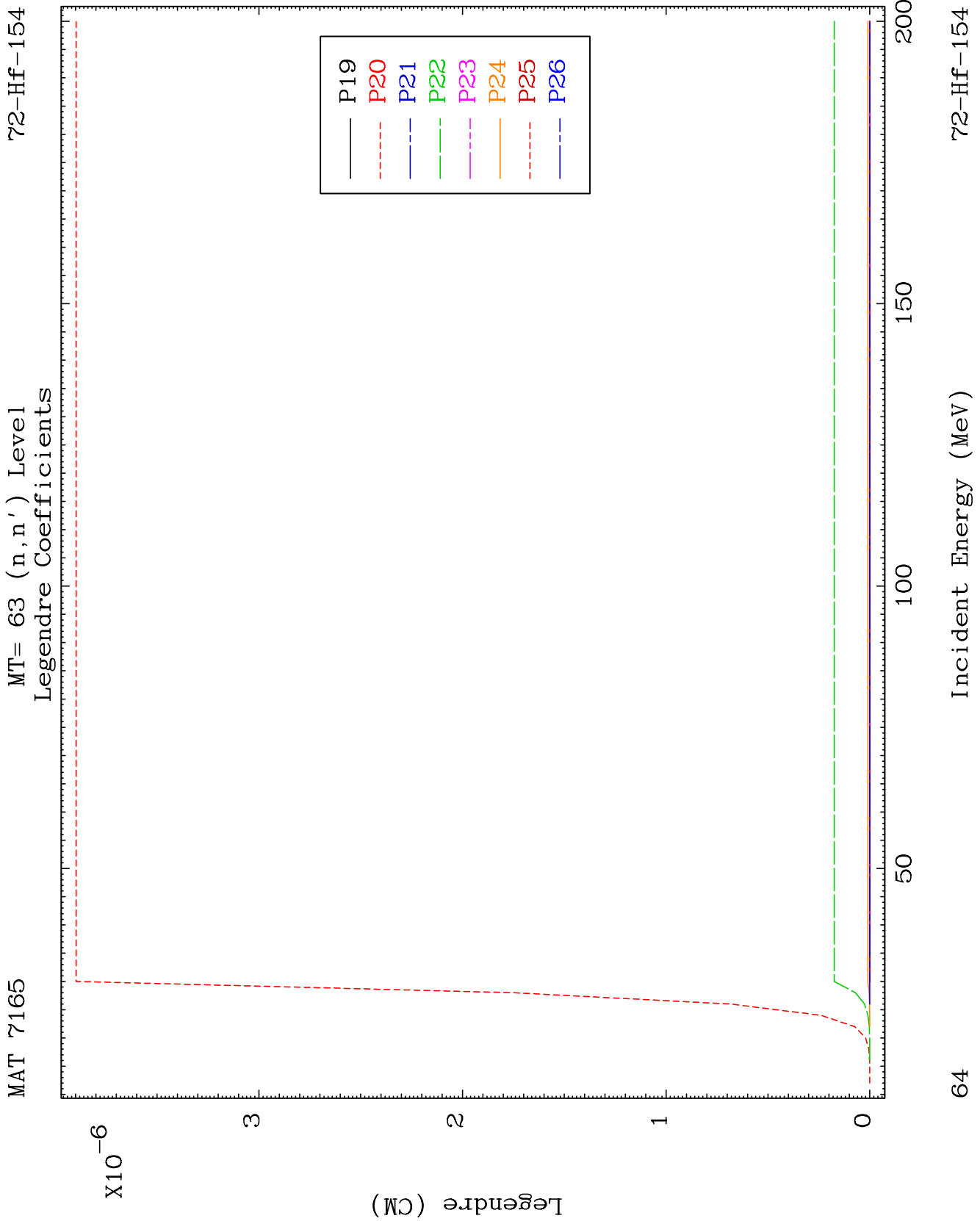
72-Hf-154



63

Incident Energy (MeV)

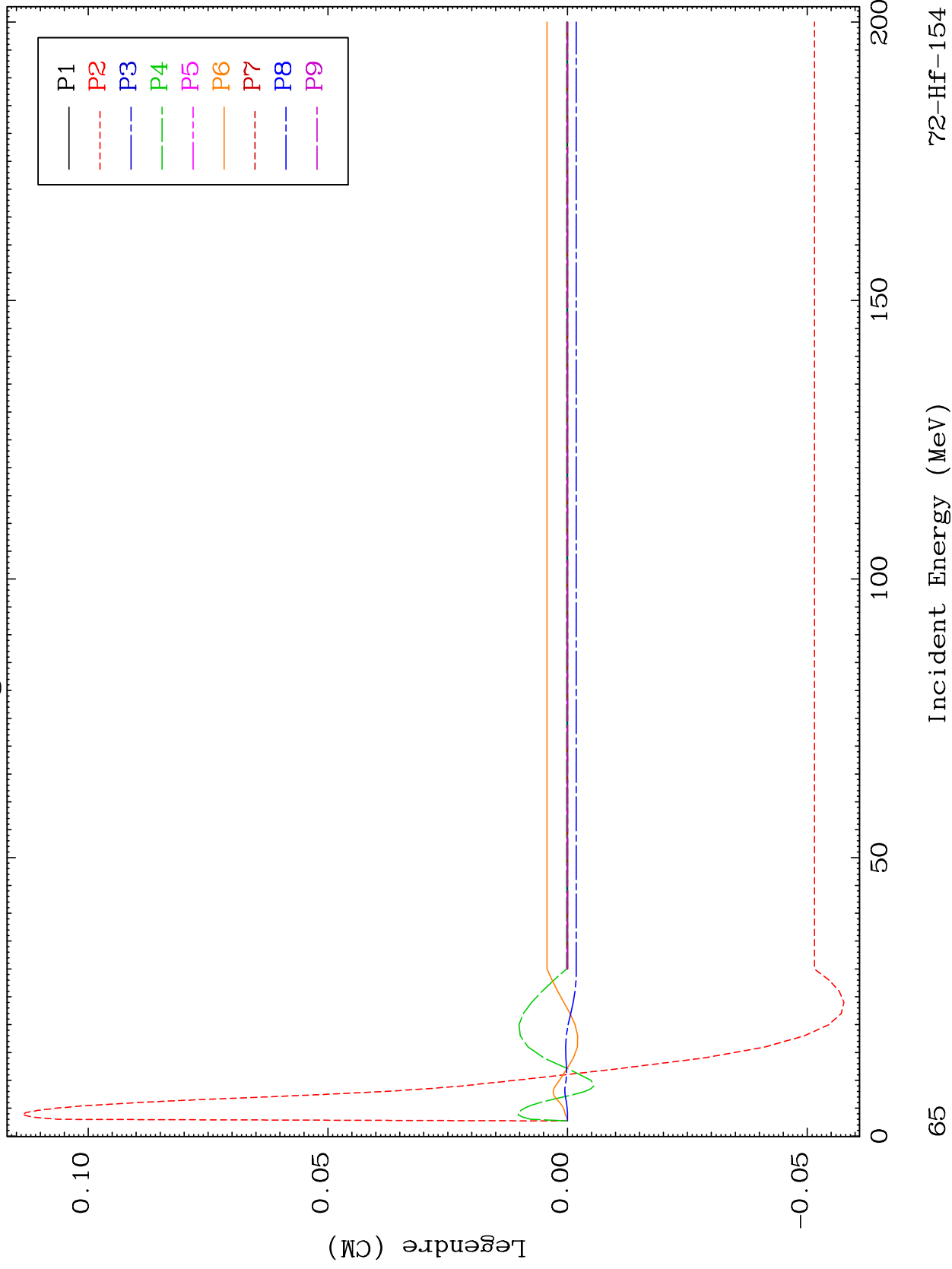
72-Hf-154



MAT 7165

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

72-Hf-154



65

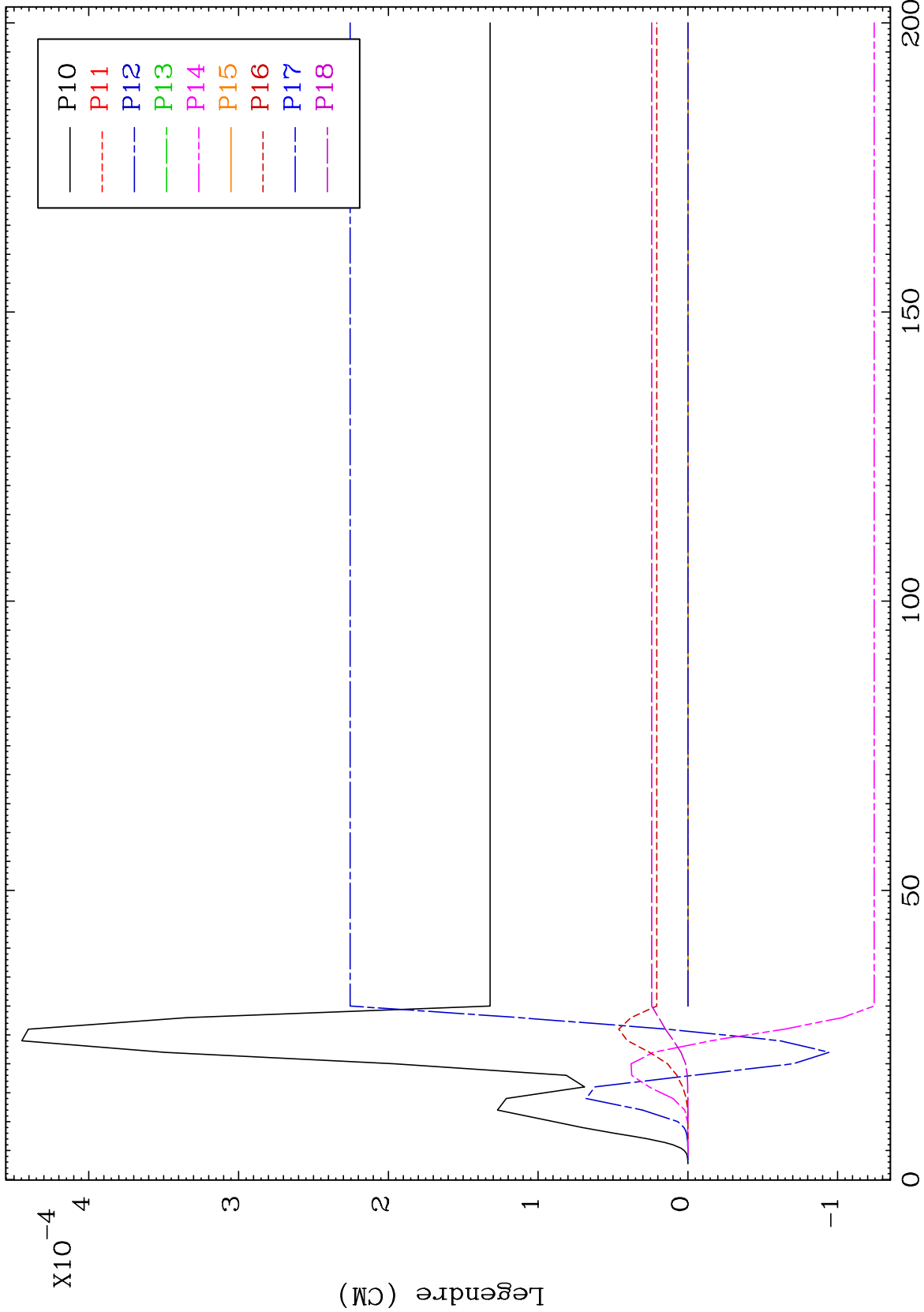
Incident Energy (MeV)

72-Hf-154

MAT 7165

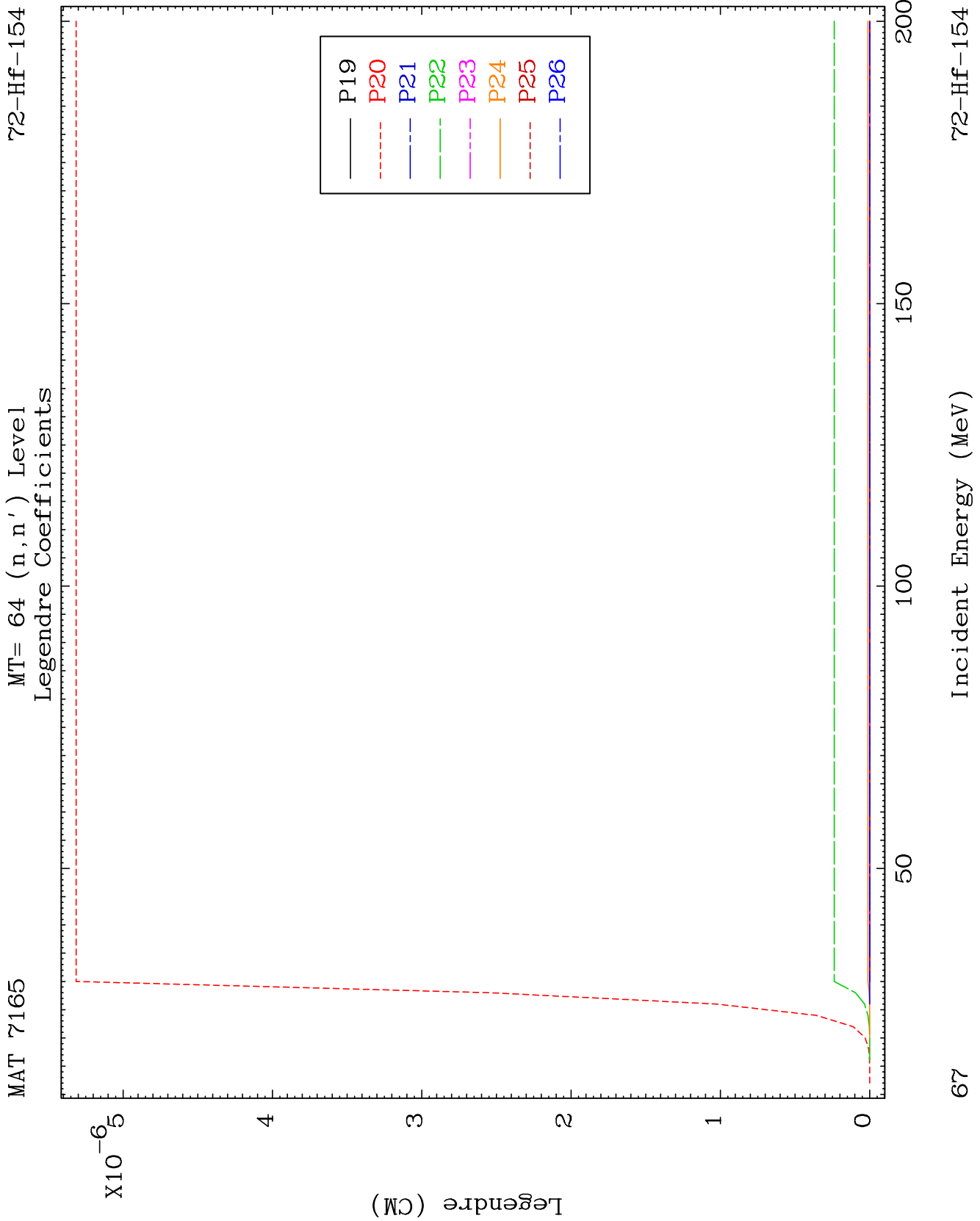
MT= 64 (n,n') Level
Legendre Coefficients

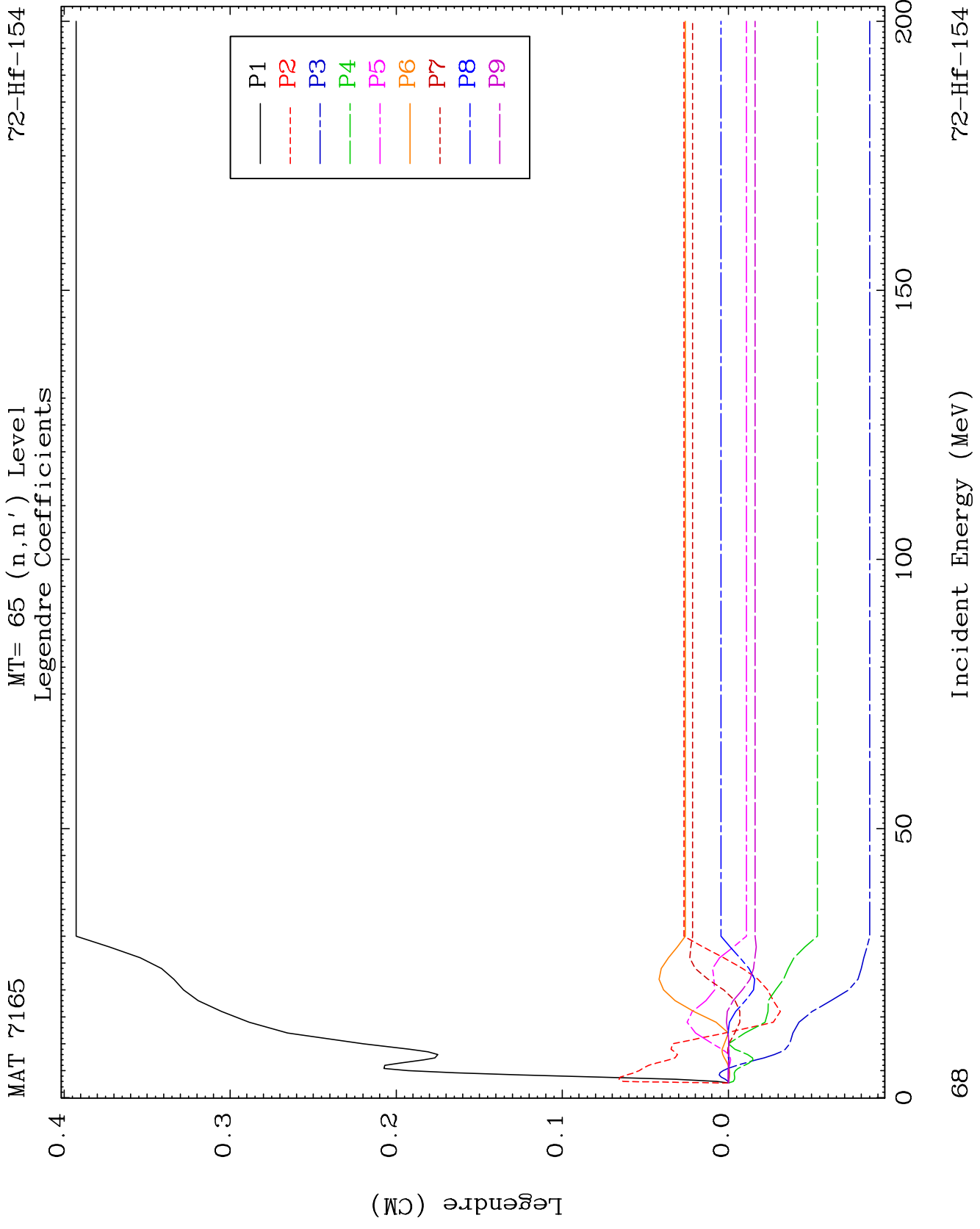
72-Hf-154



66

72-Hf-154

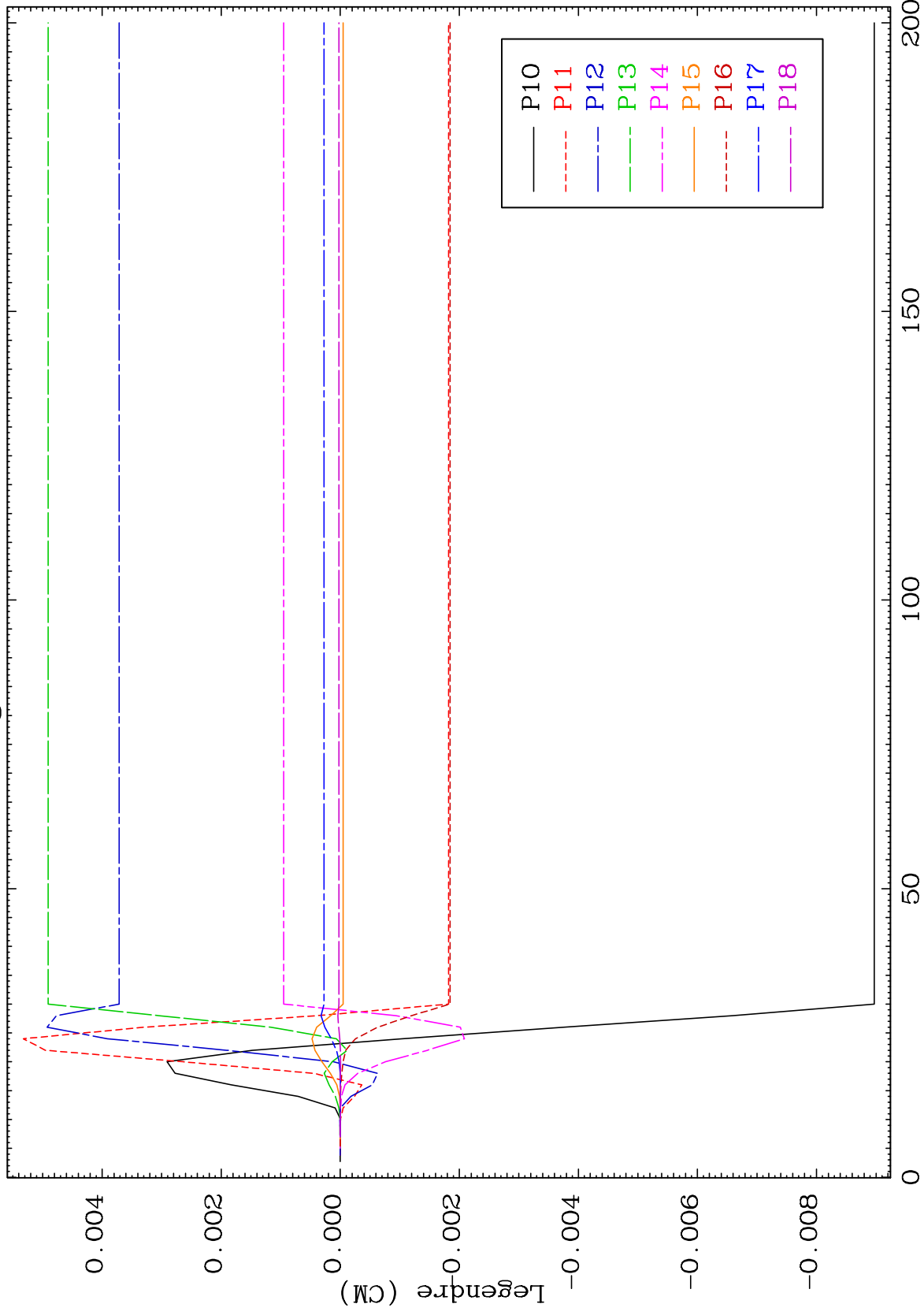




MAT 7165

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

72-Hf-154



69

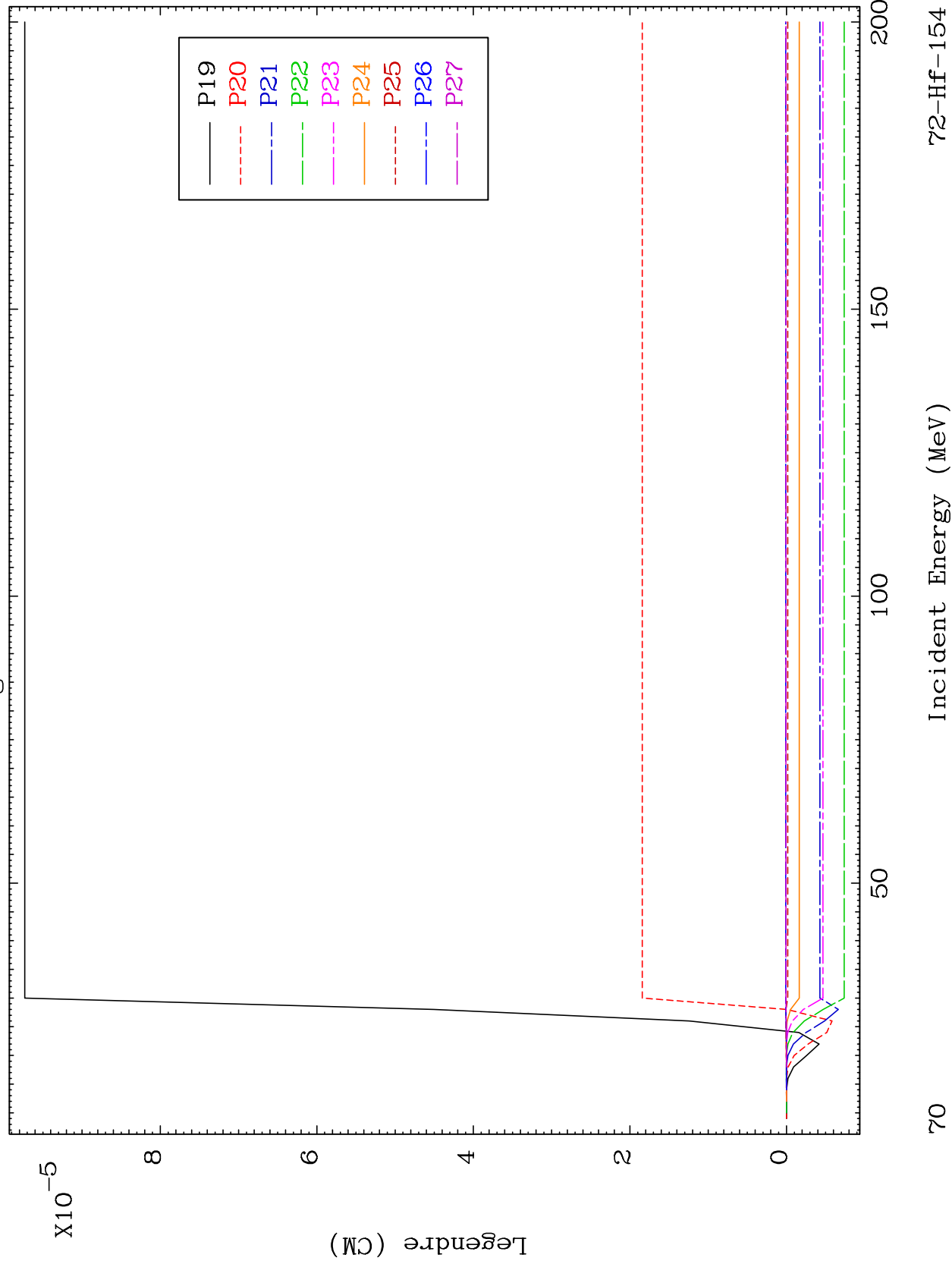
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



70

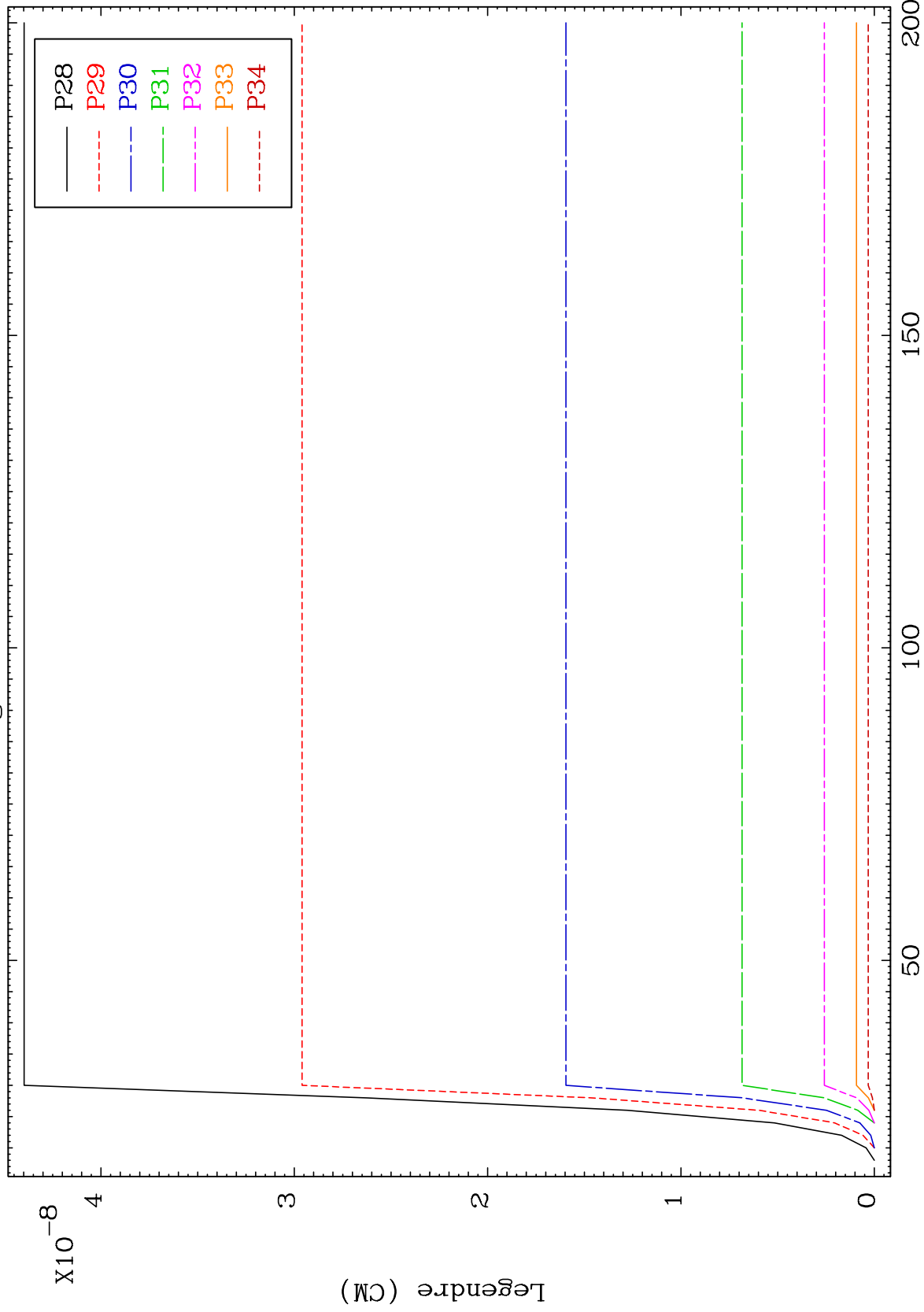
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



71

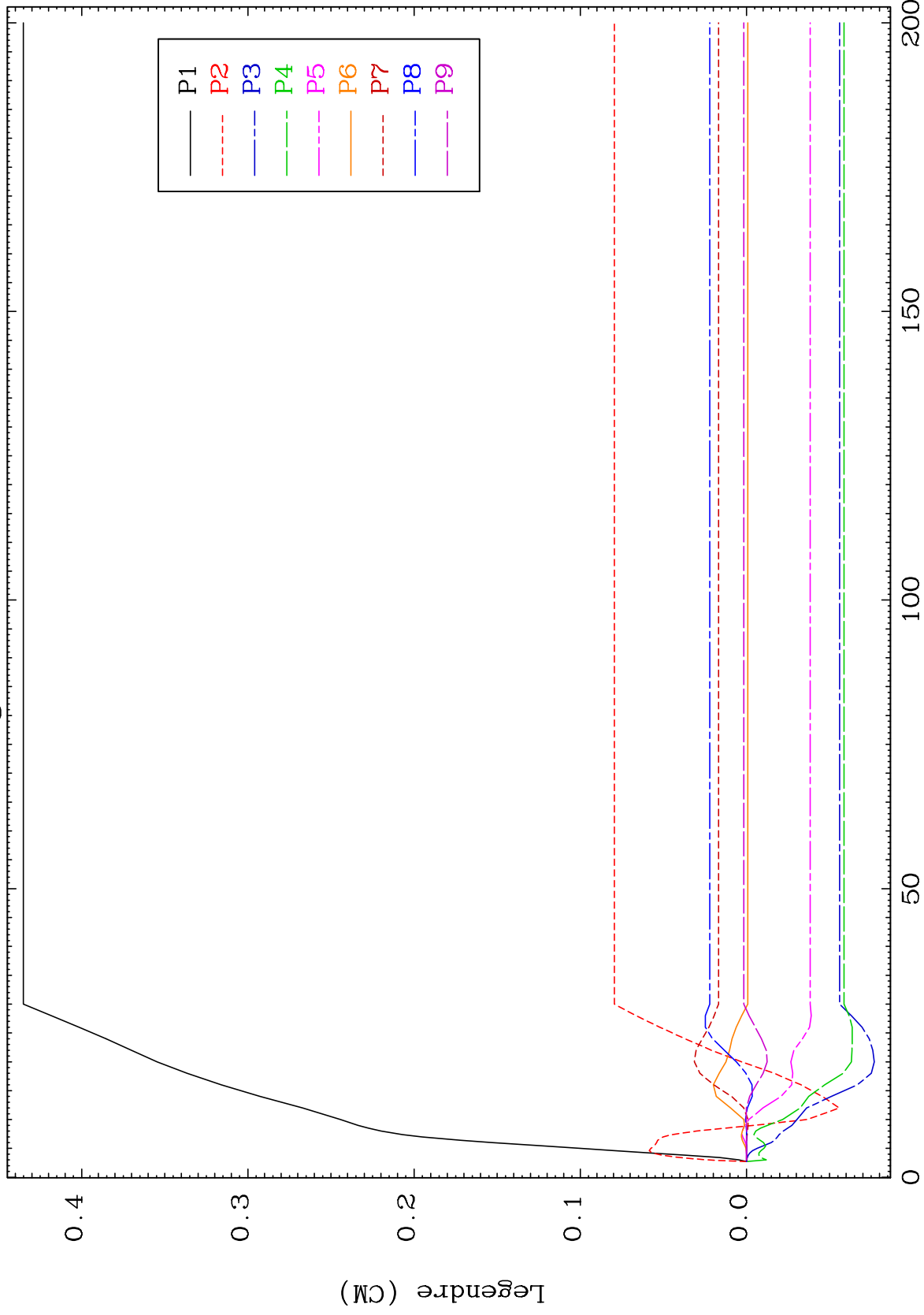
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



72

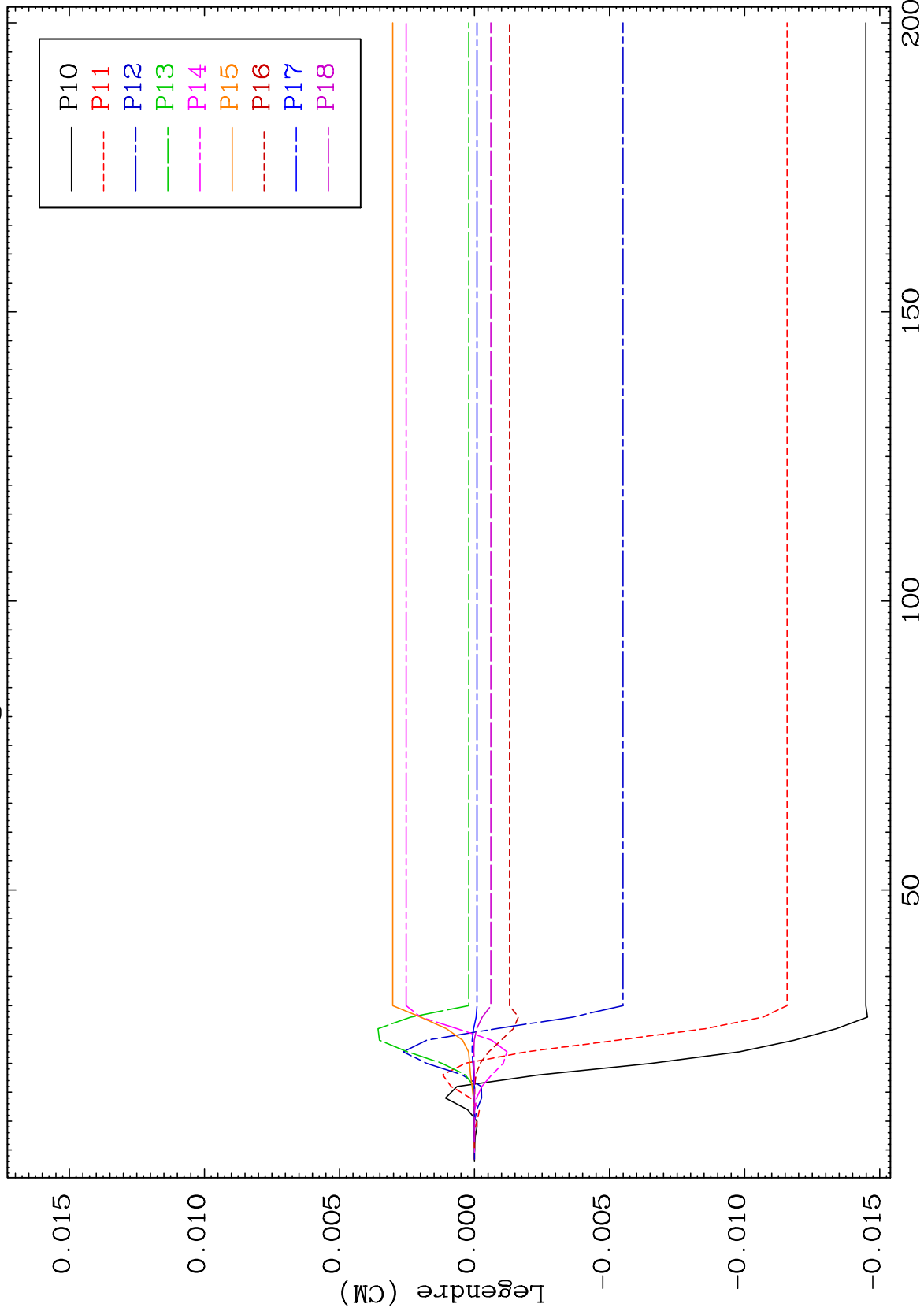
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

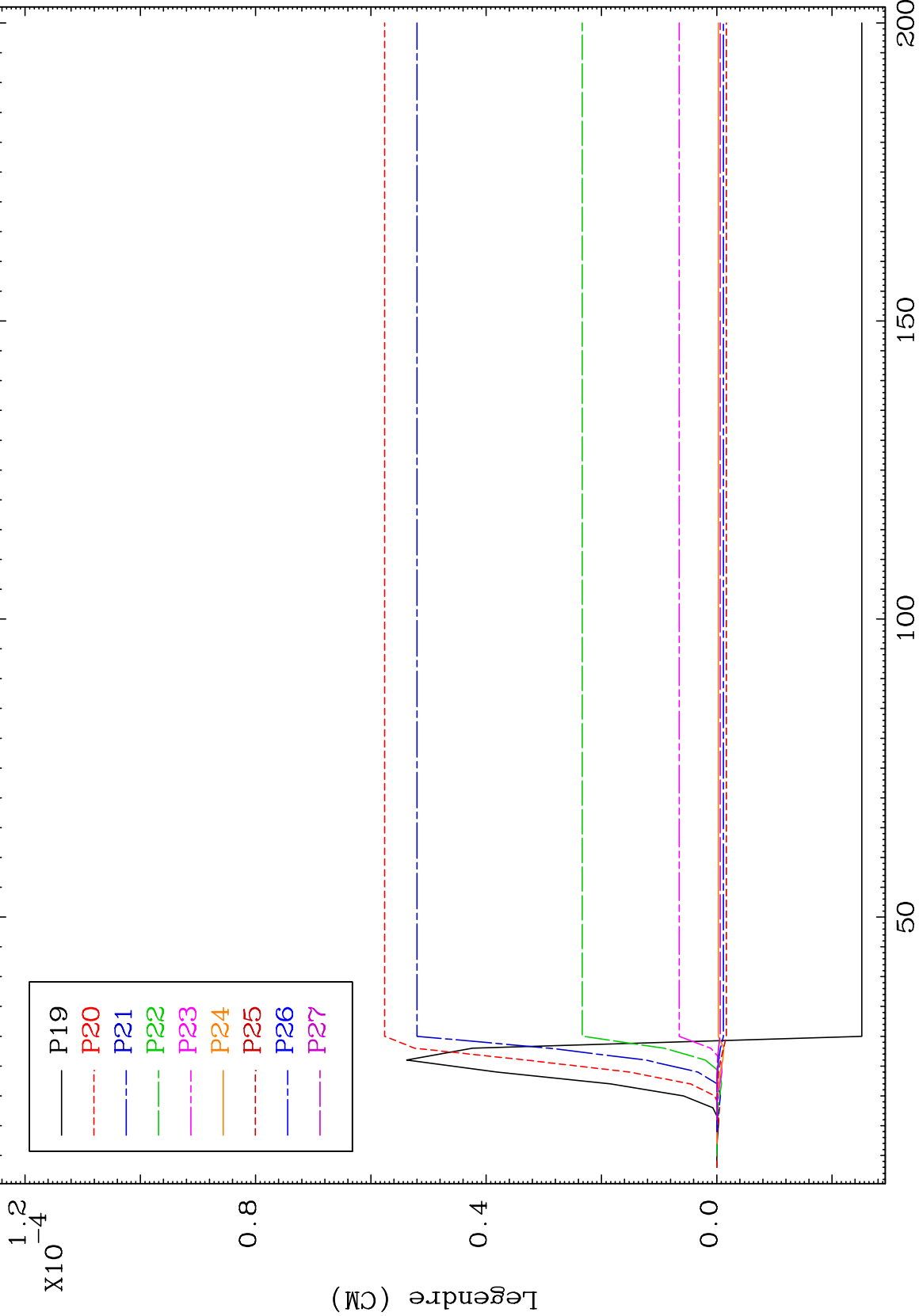
72-Hf-154

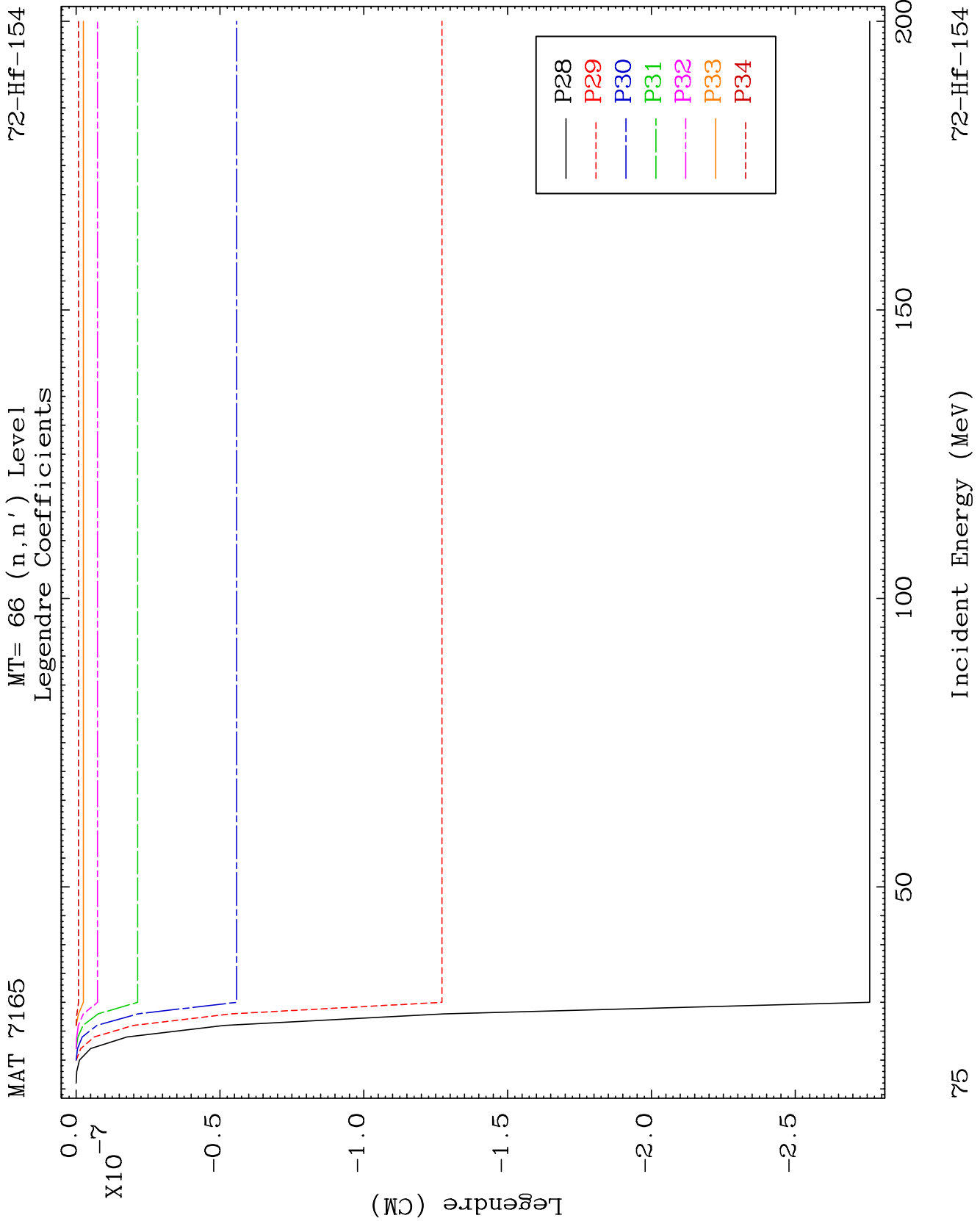


73

Incident Energy (MeV)

72-Hf-154

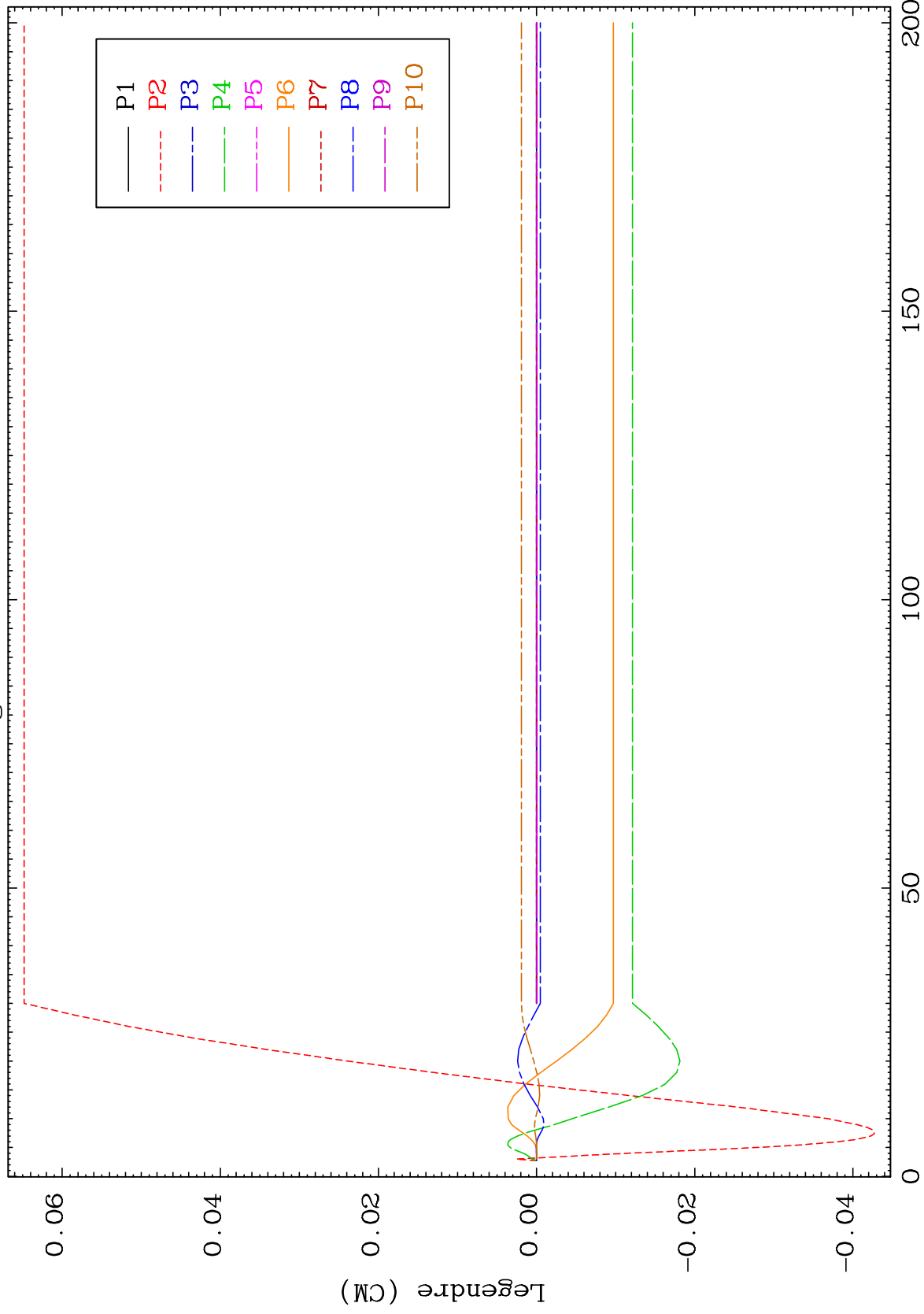




MAT 7165

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

72-Hf-154



76

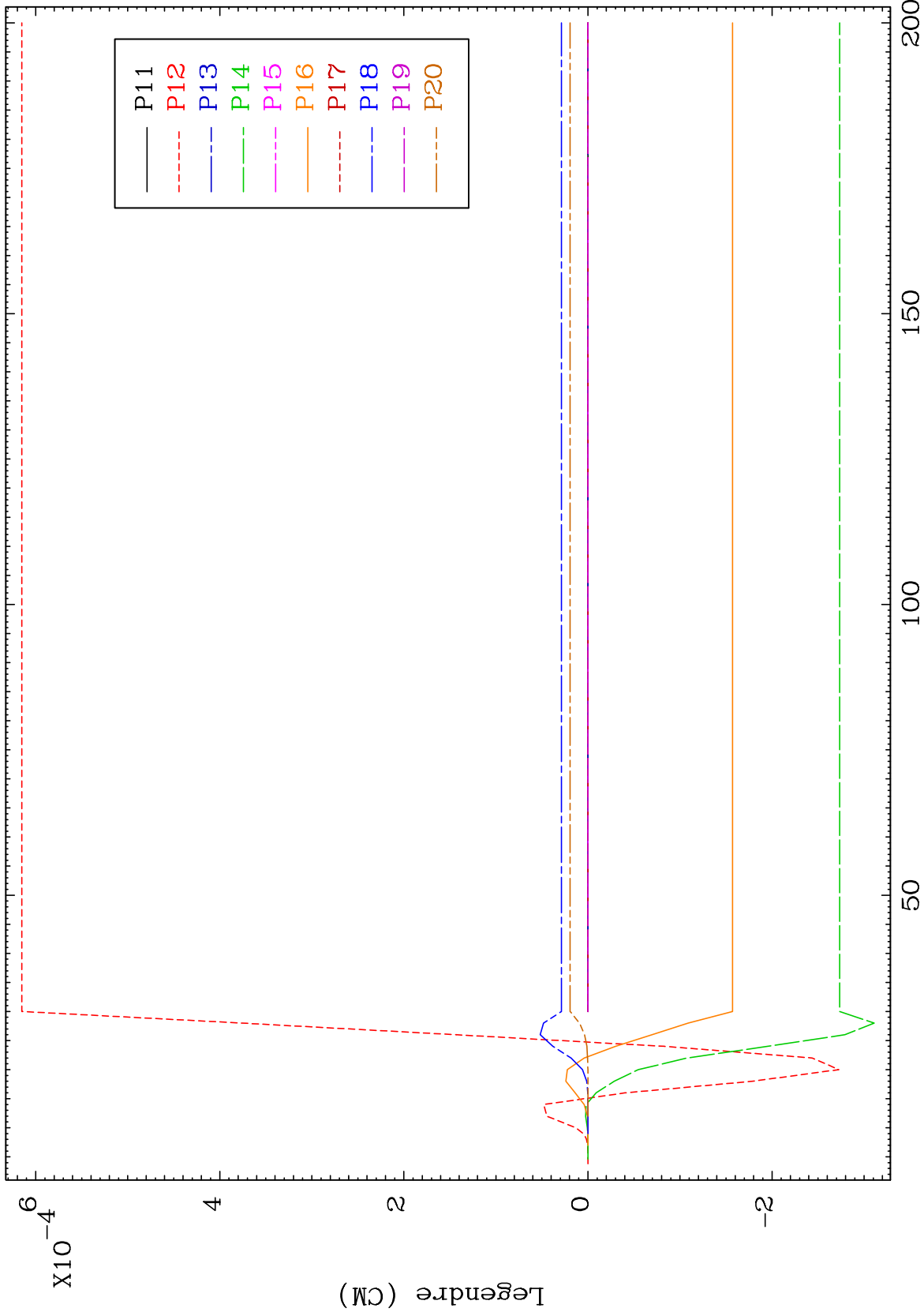
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



77

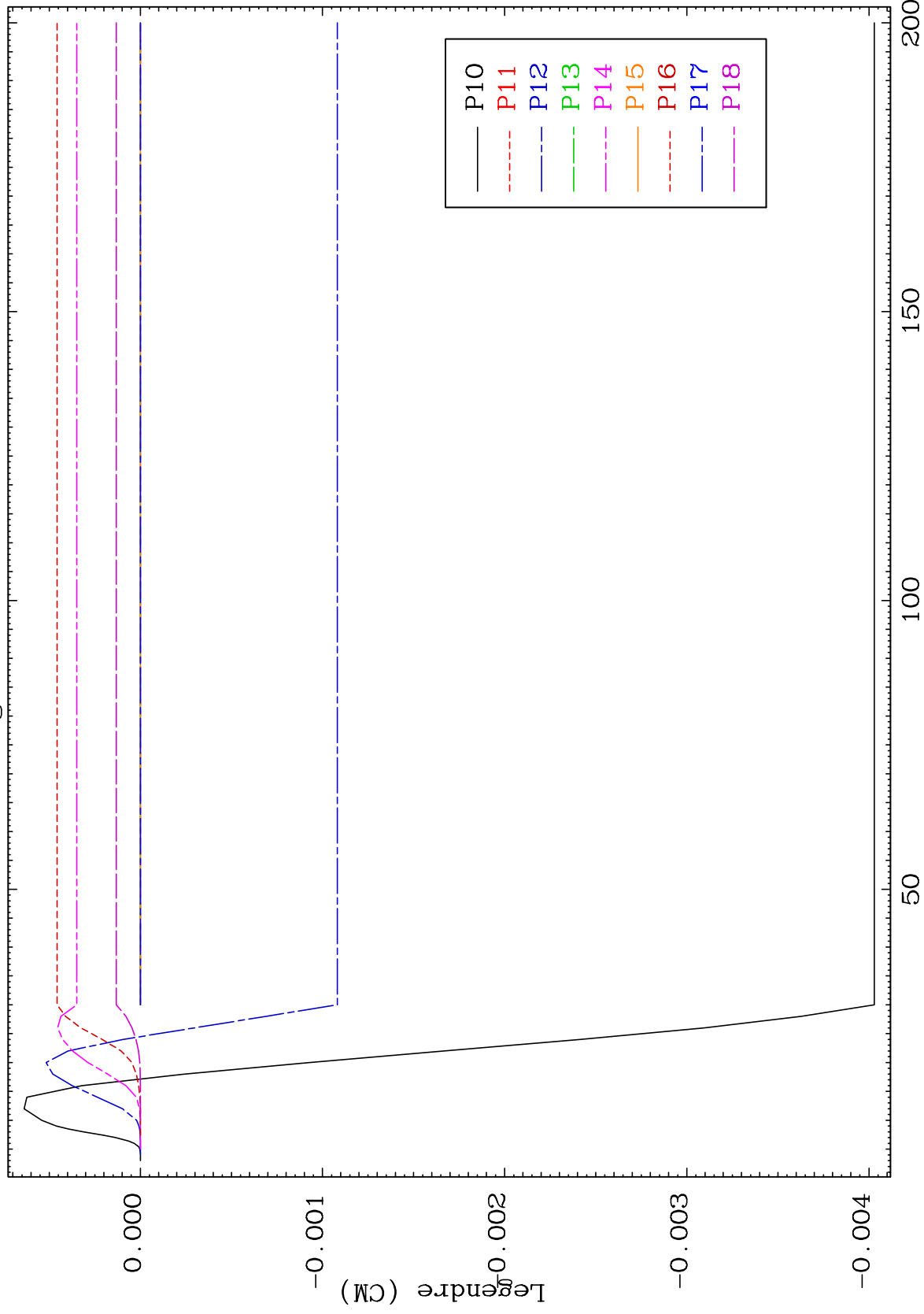
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



80

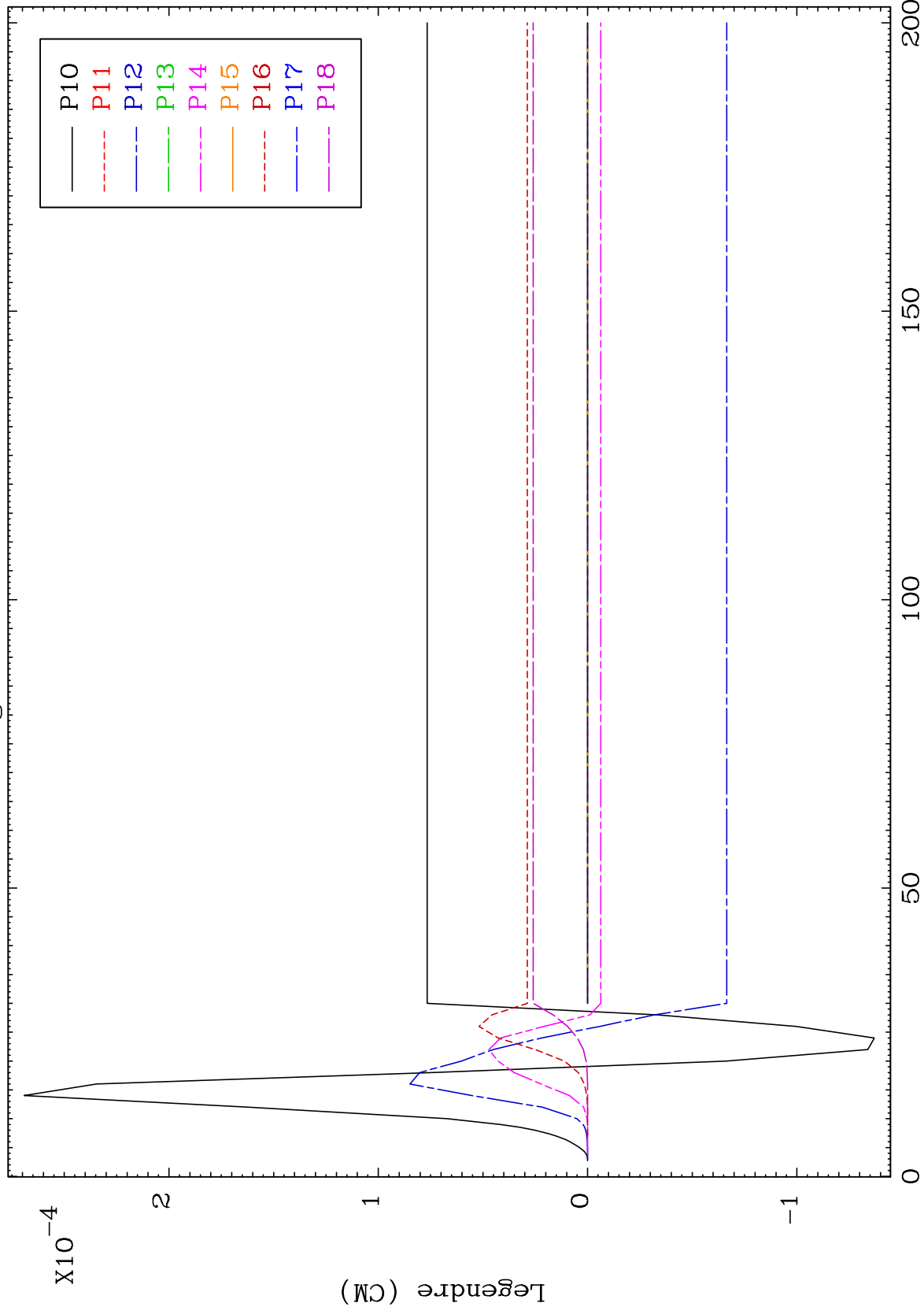
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

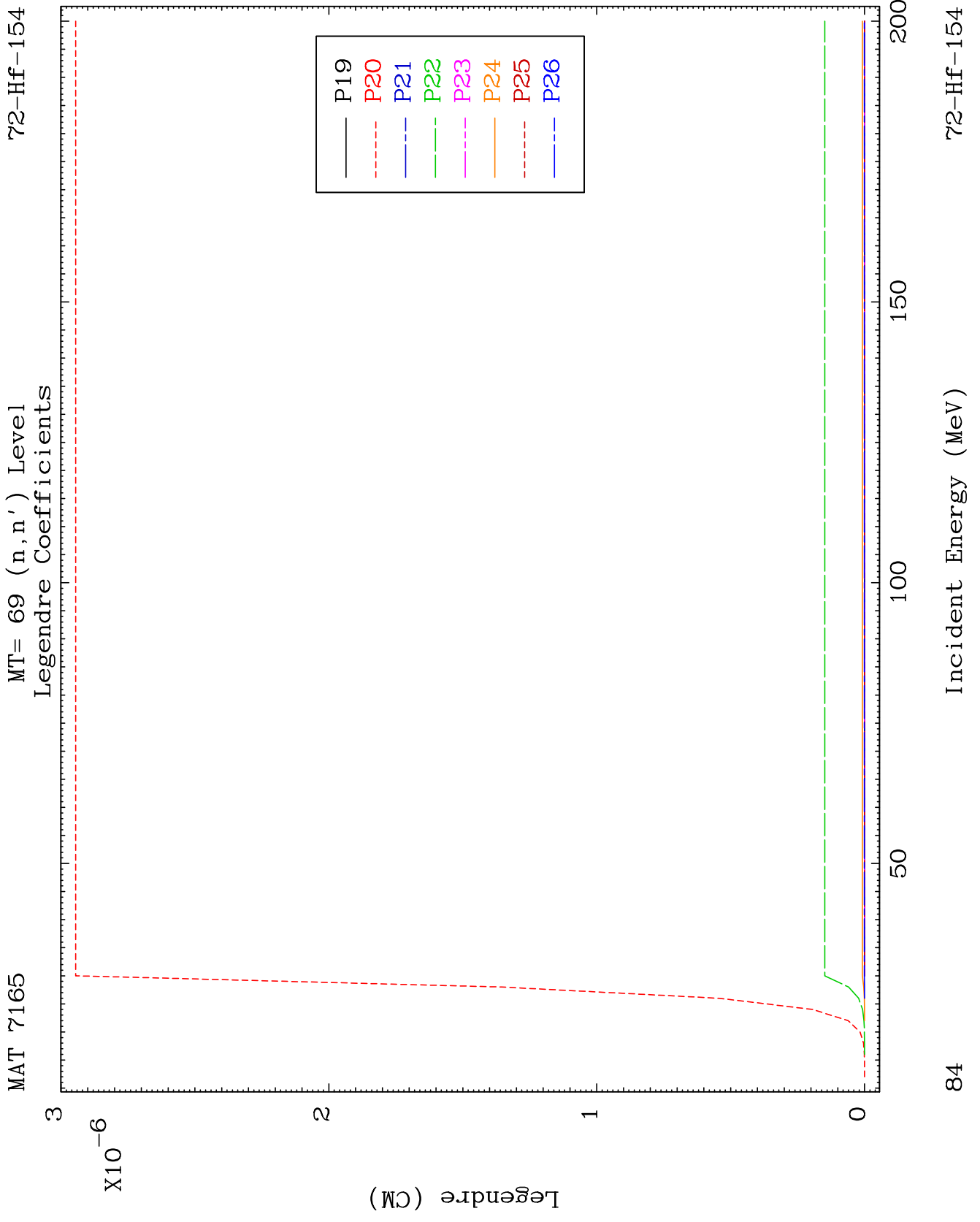
72-Hf-154



83

Incident Energy (MeV)

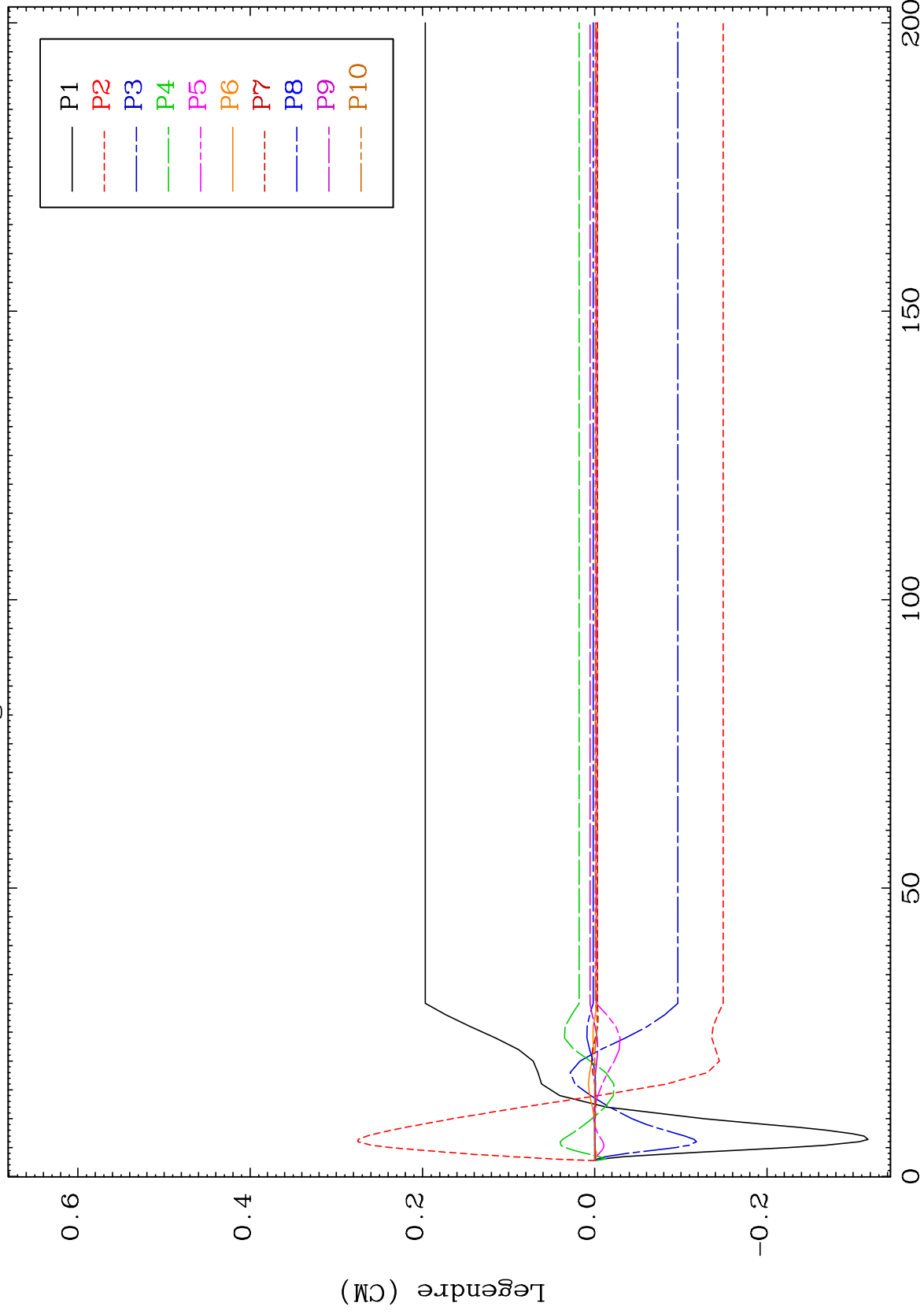
72-Hf-154



MAT 7165

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

72-Hf-154



85

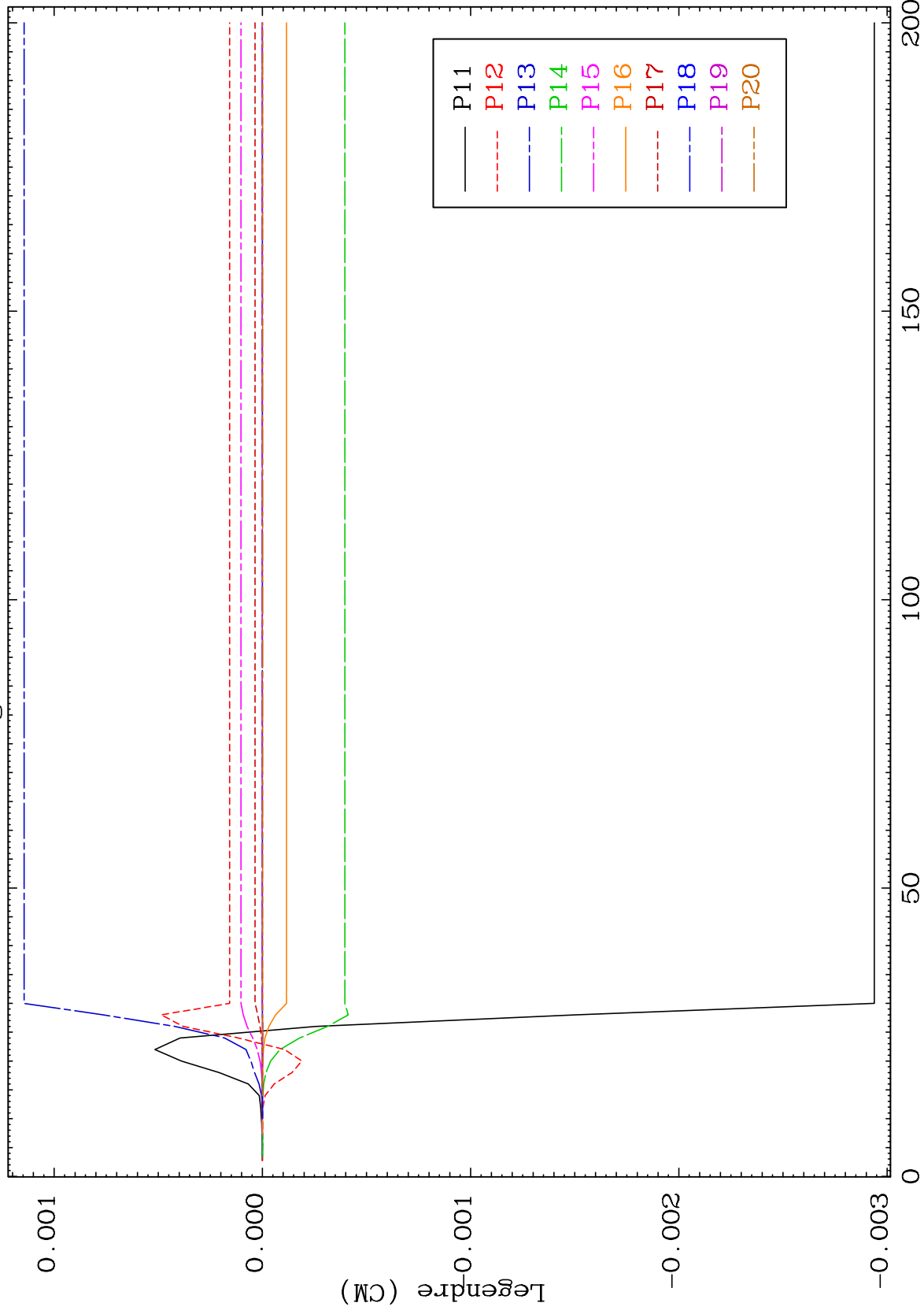
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

72-Hf-154



86

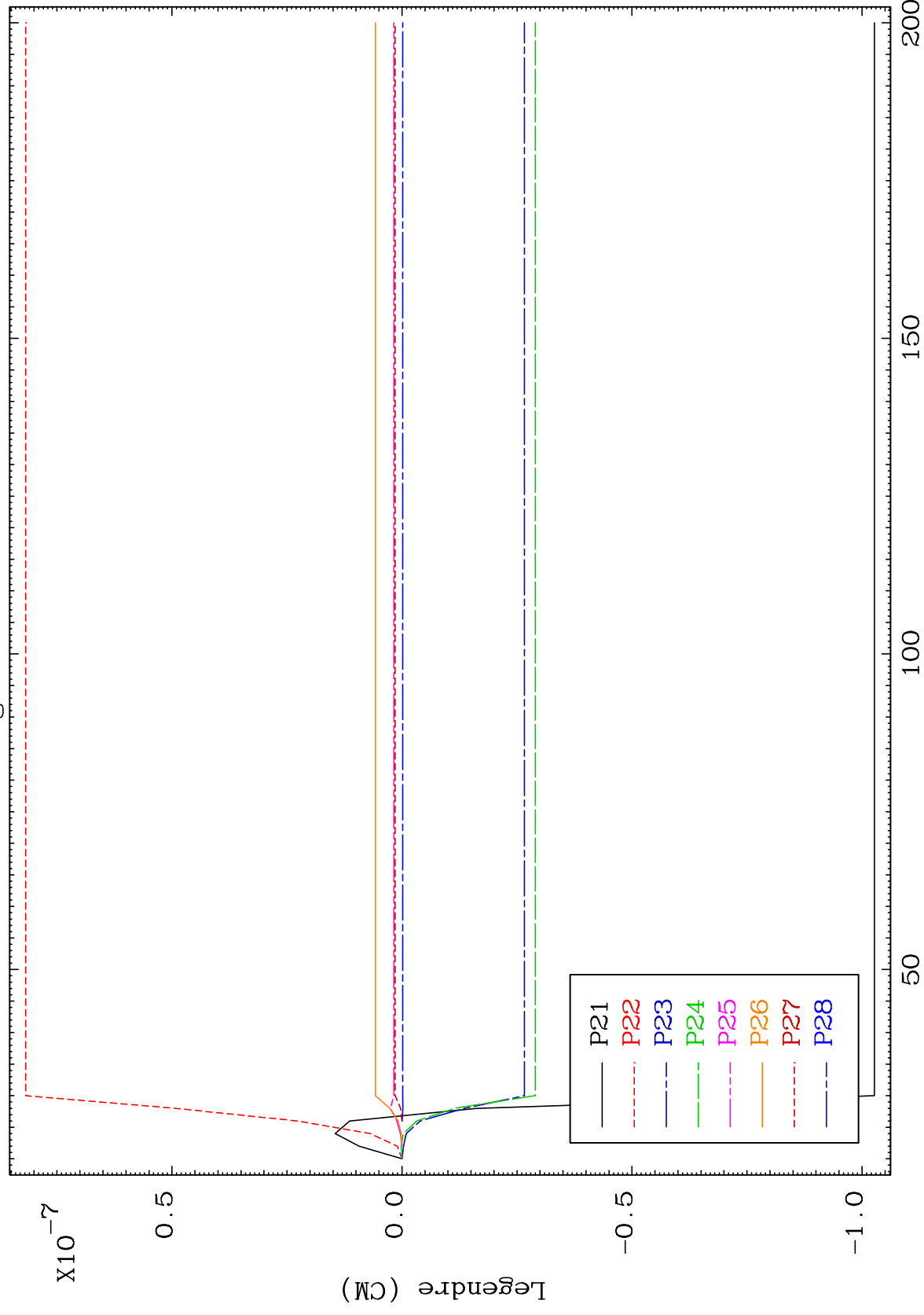
Incident Energy (MeV)

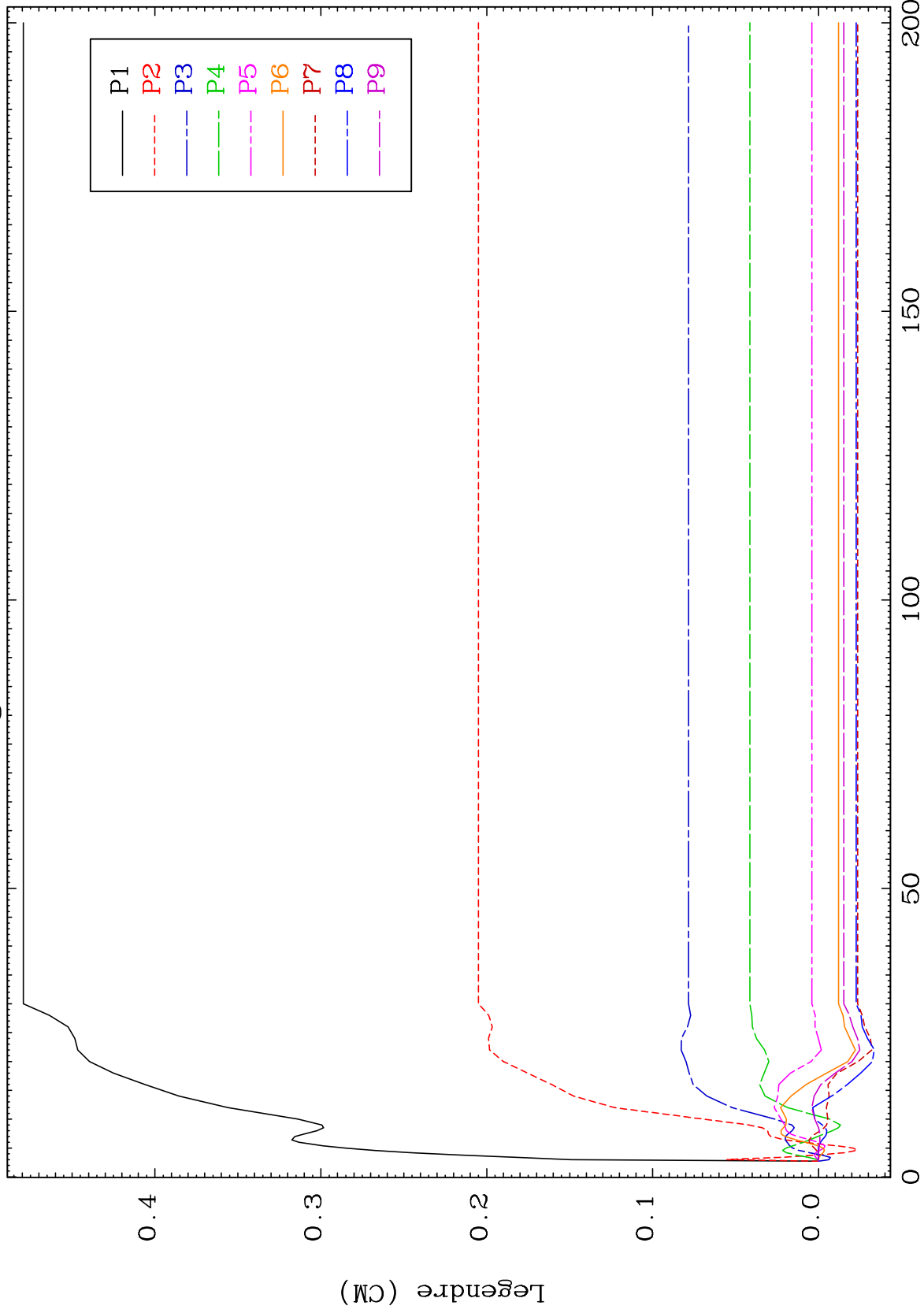
72-Hf-154

MAT 7165

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

72-Hf-154

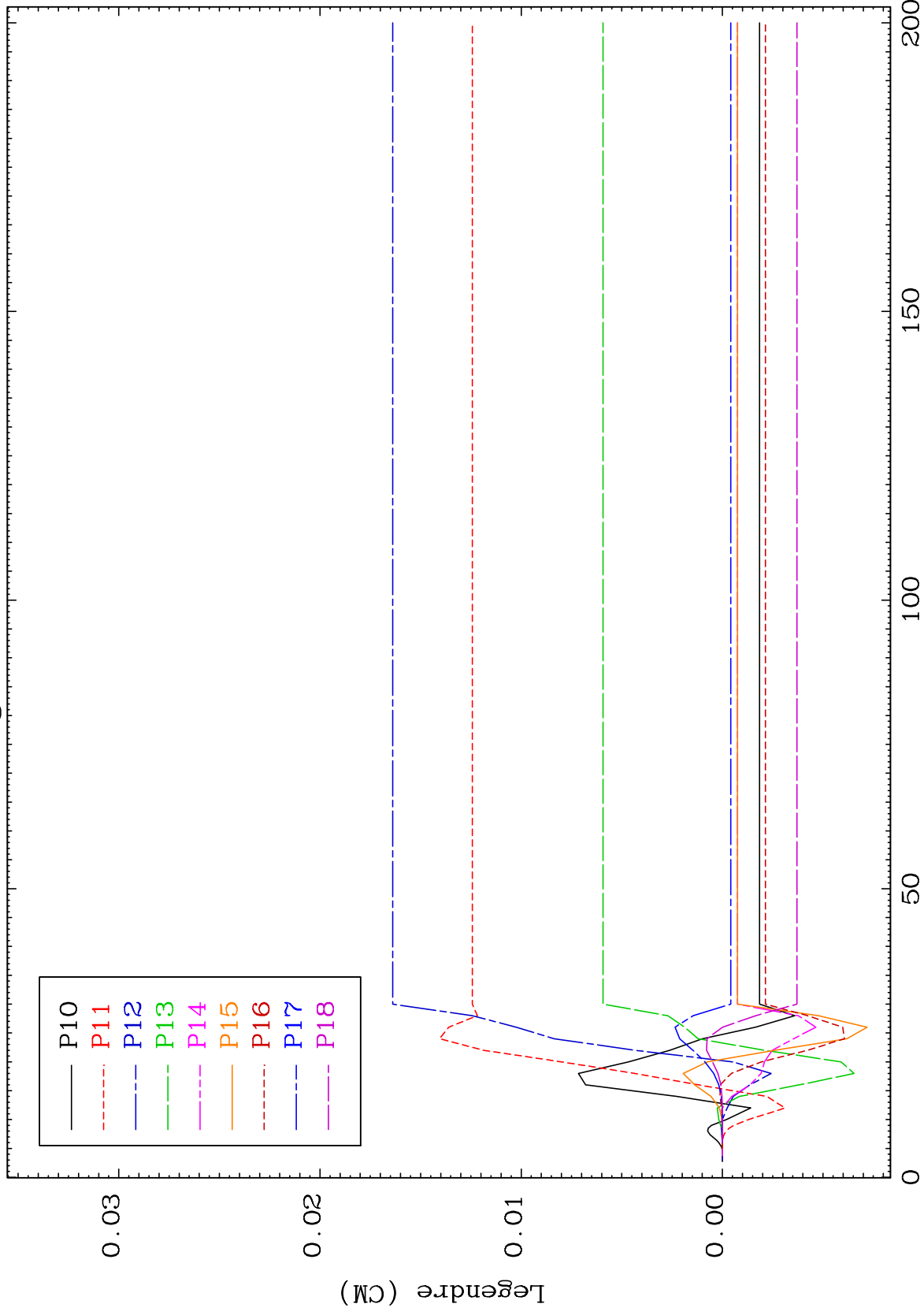




MAT 7165

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

72-Hf-154



89

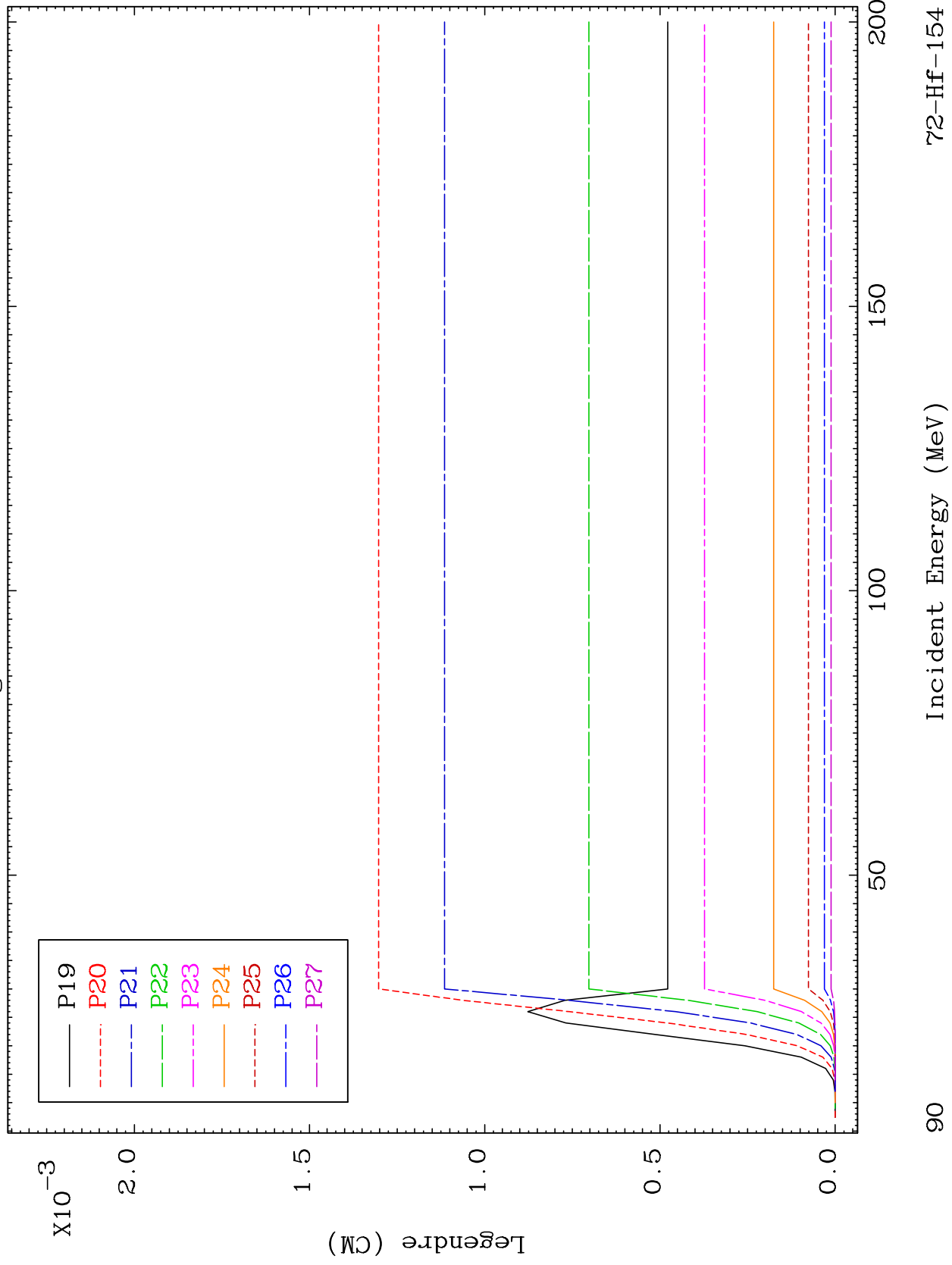
Incident Energy (MeV)

72-Hf-154

MAT 7165

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

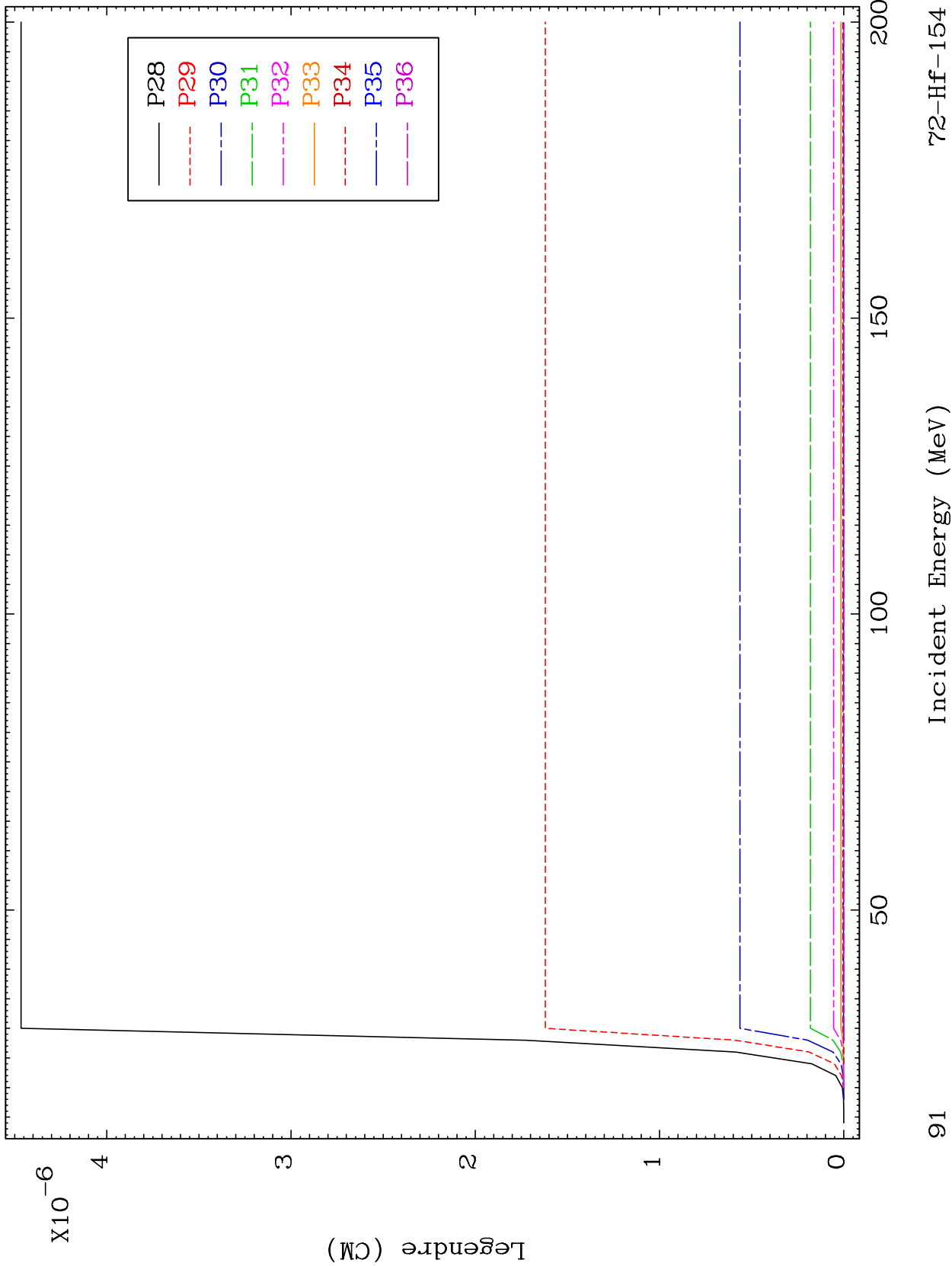
72-Hf-154



MAT 7165

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

72-Hf-154



91

Incident Energy (MeV)

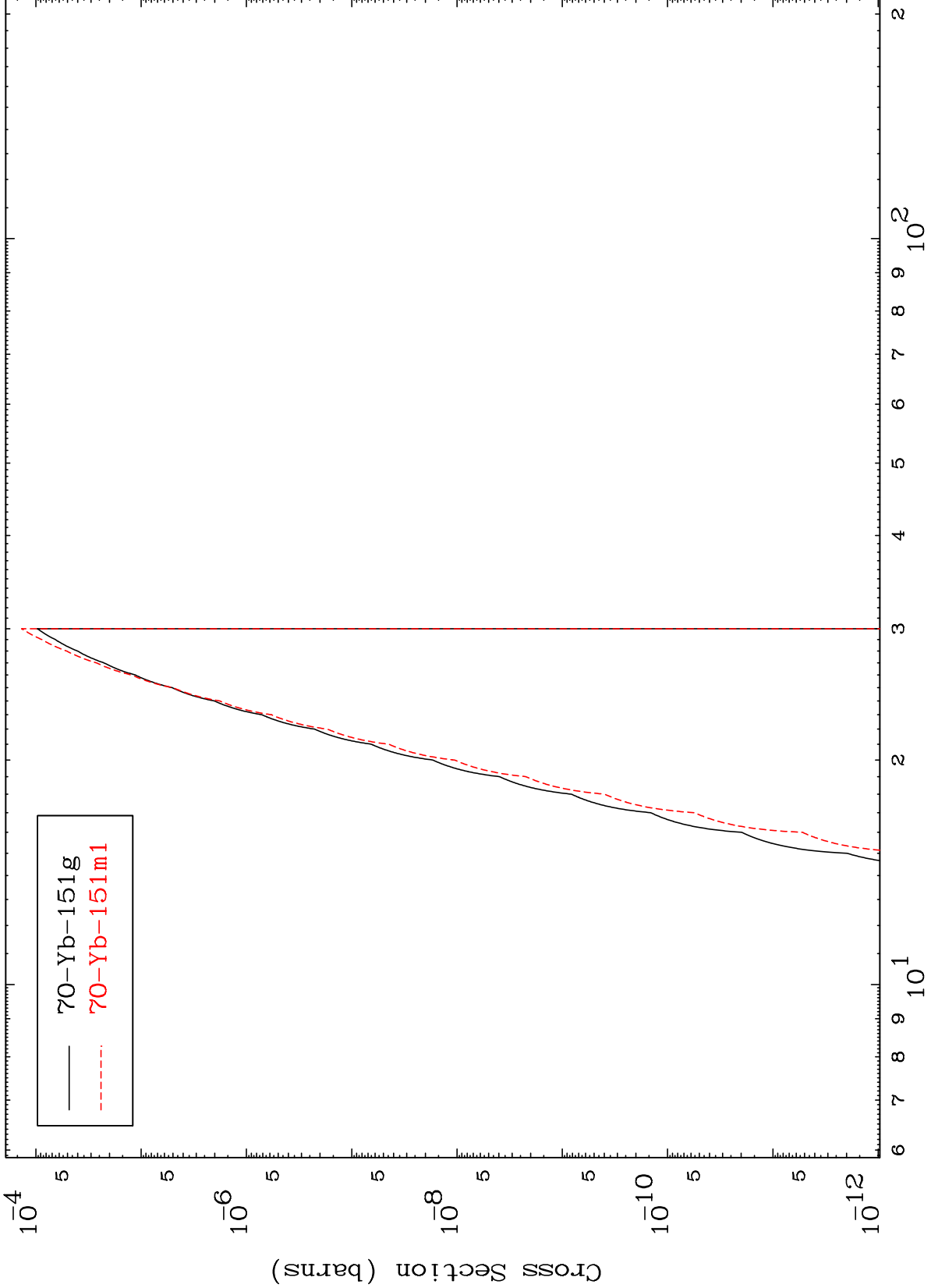
72-Hf-154

MAT 7165

(n,n') He-3

72-Hf-154

Radionuclide Production Cross Section



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

92

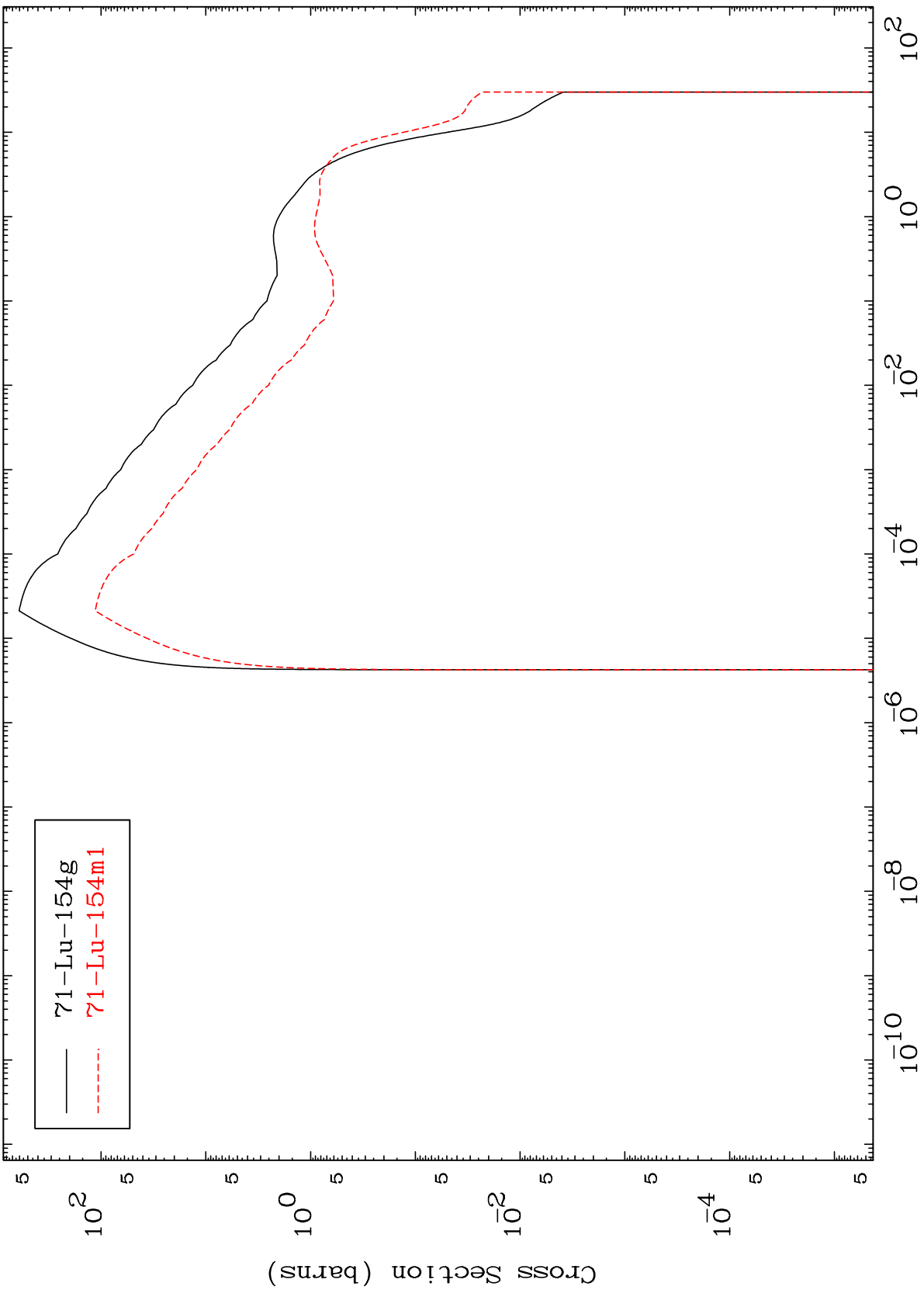
Incident Energy (MeV)

72-Hf-154

MAT 7165

72-Hf-154

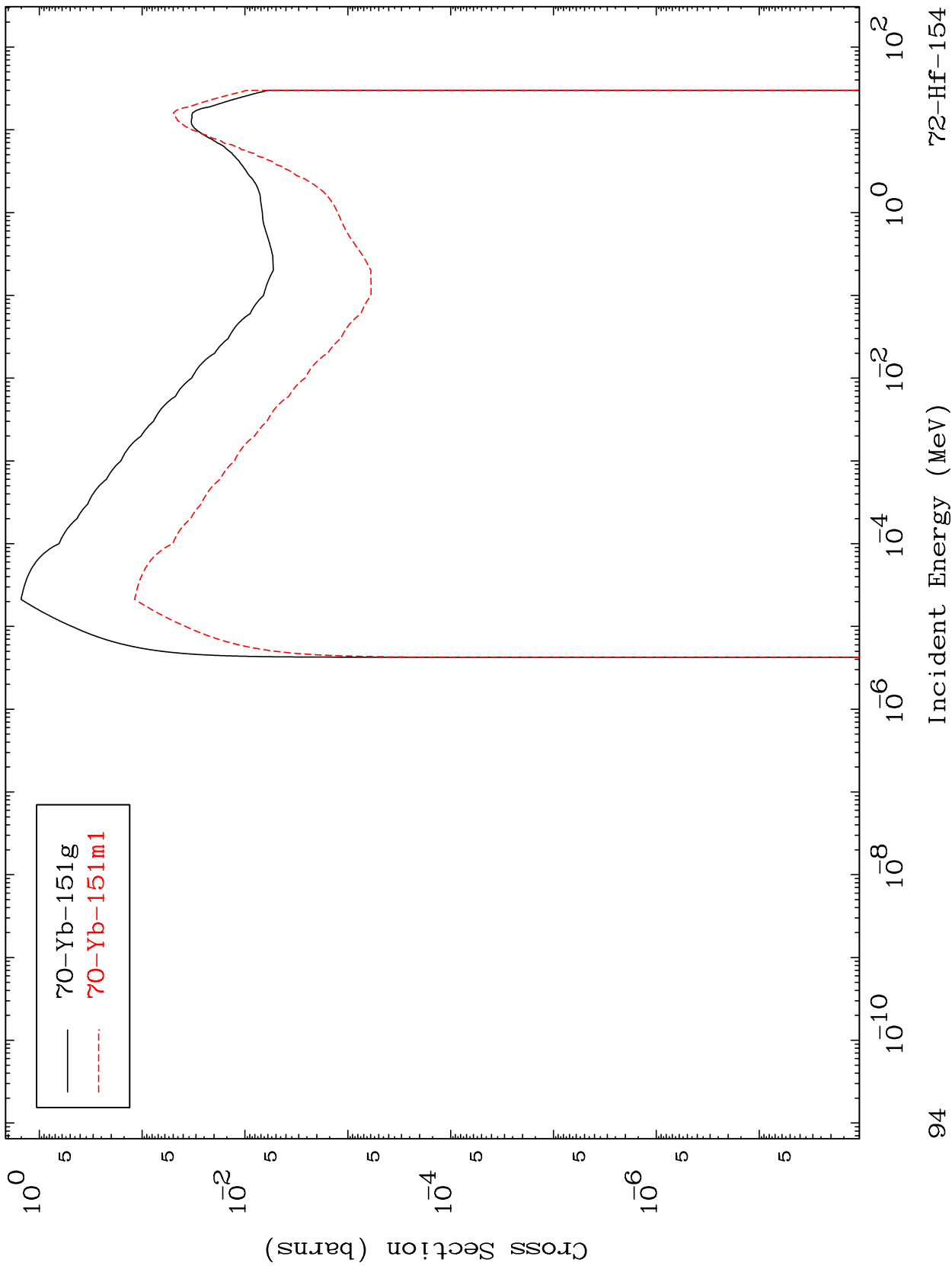
Radionuclide Production Cross Section



MAT 7165

72-Hf-154

Radionuclide Production Cross Section

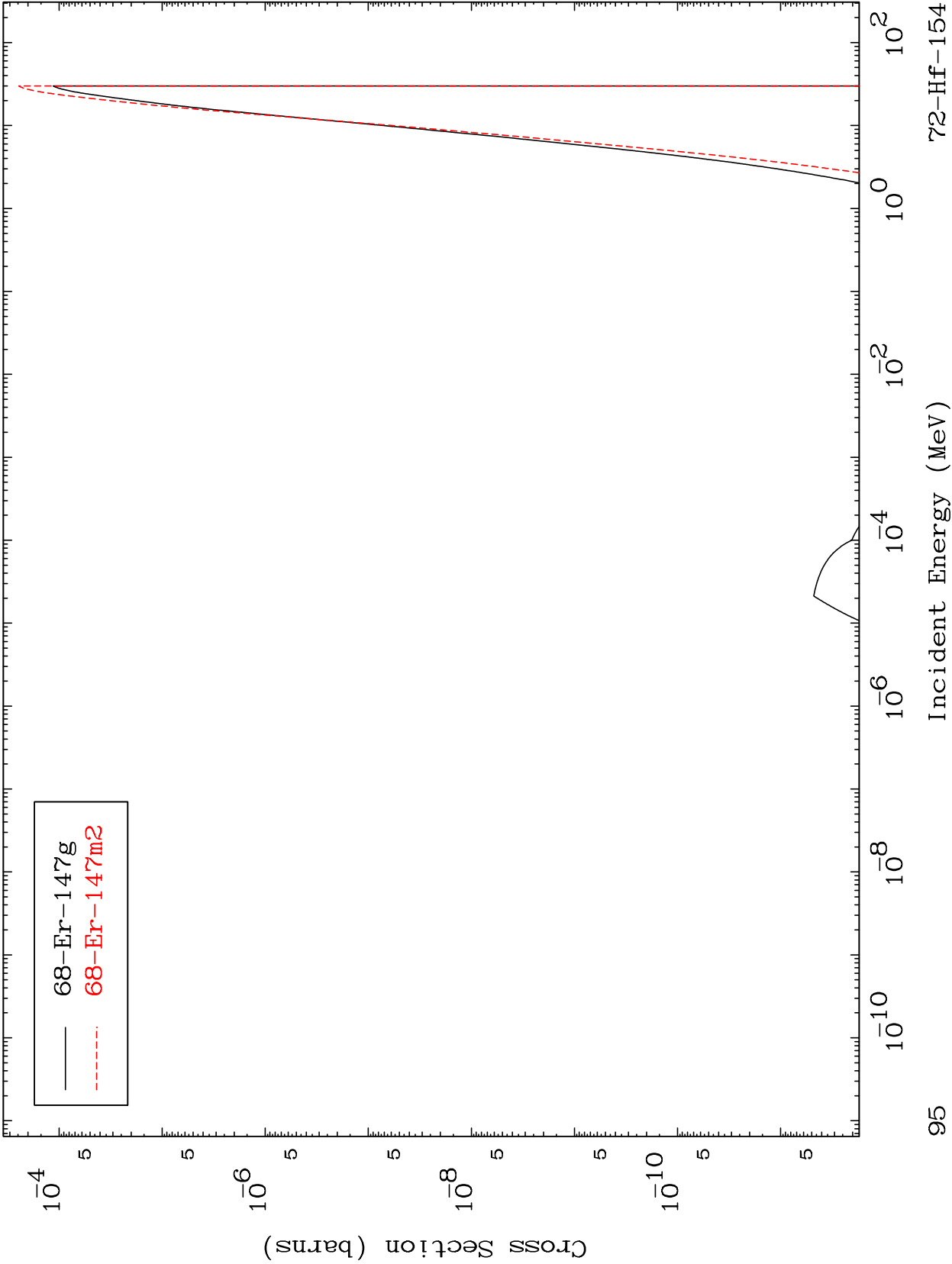


MAT 7165

(n,2α)

72-Hf-154

Radionuclide Production Cross Section

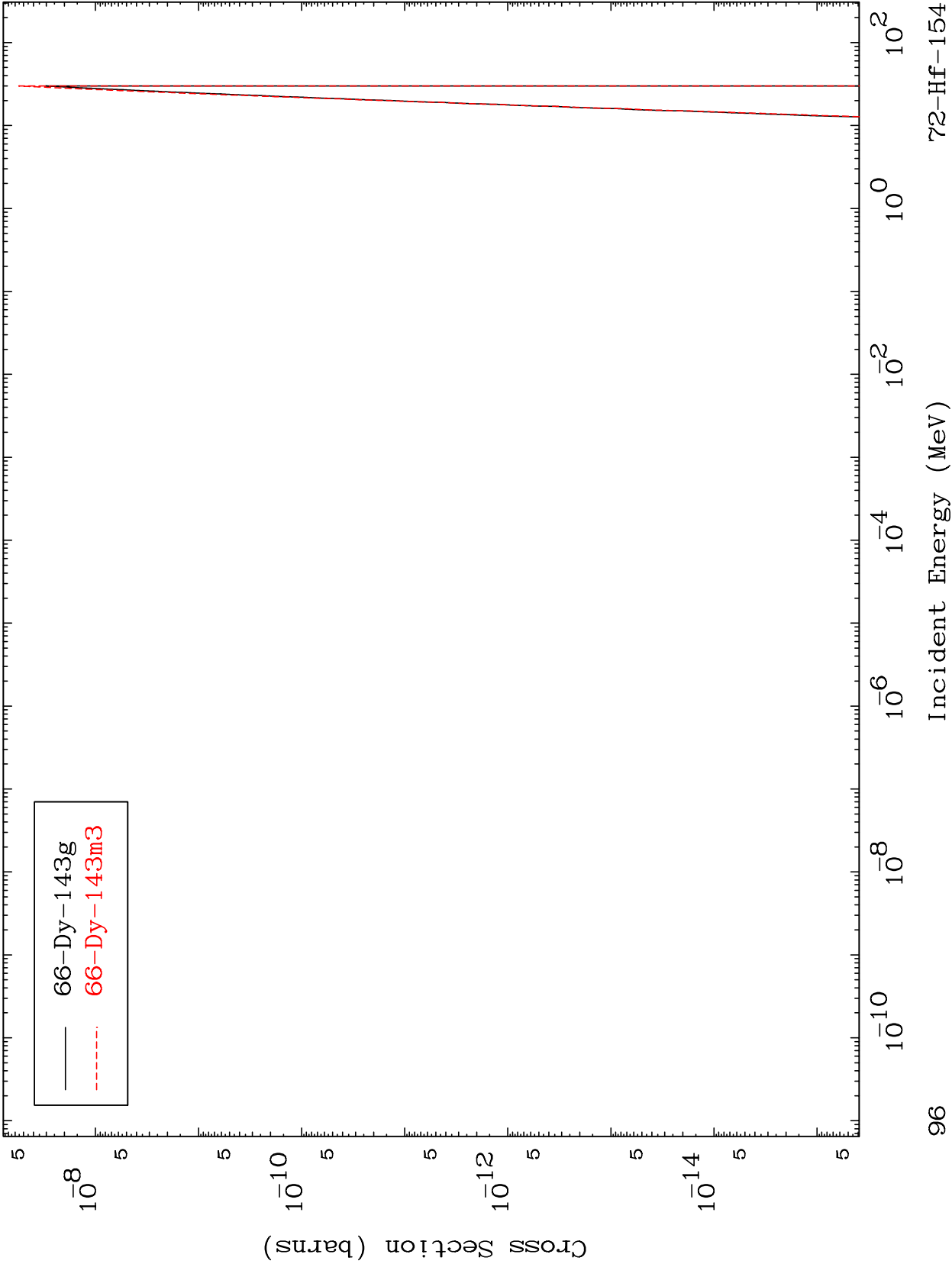


MAT 7165

(n,3α)

72-Hf-154

Radionuclide Production Cross Section



96

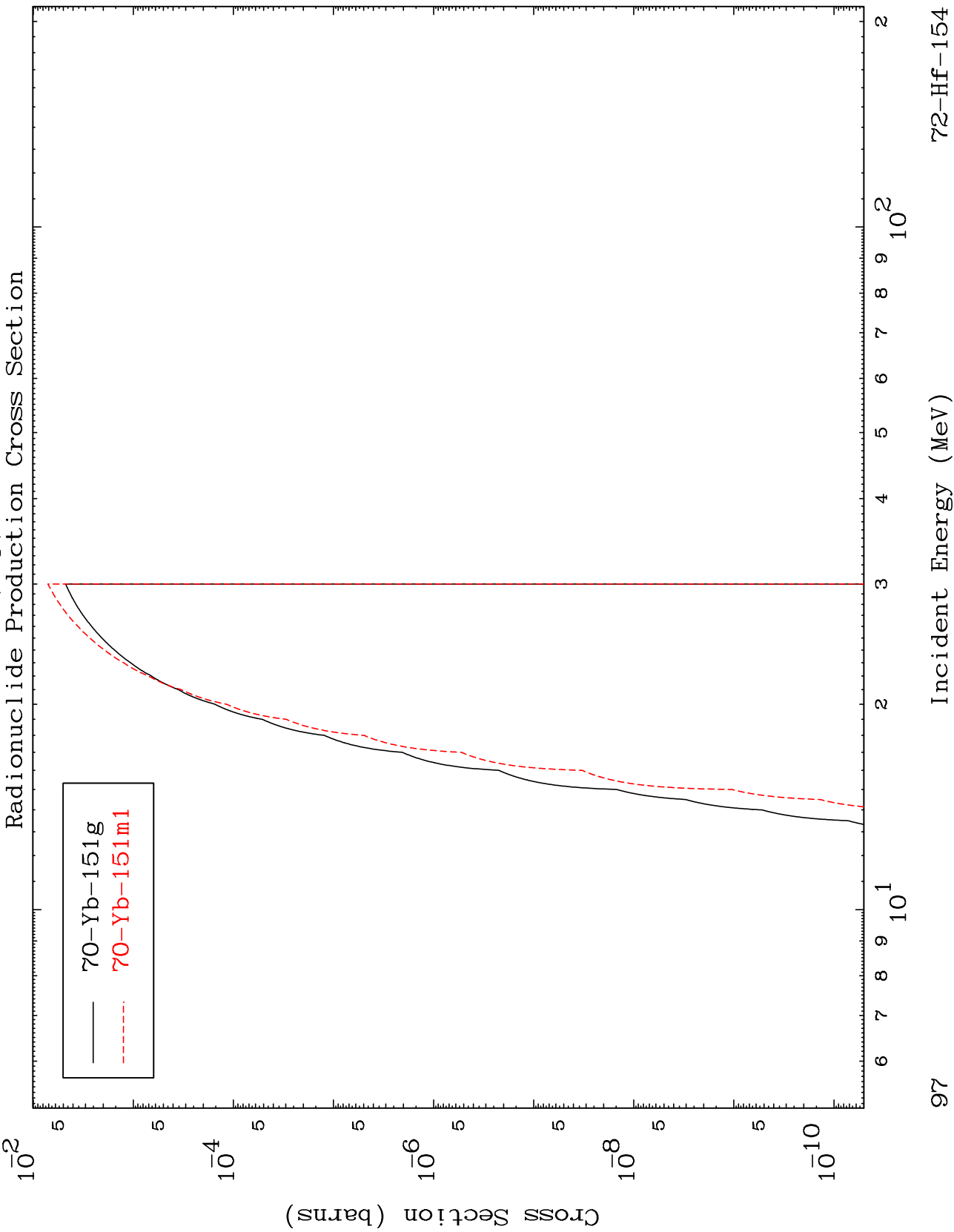
Incident Energy (MeV)

72-Hf-154

MAT 7165

(n,p) t

72-Hf-154



97

Incident Energy (MeV)

72-Hf-154