

Program EVALPLOT
(Version 2021-1)

by

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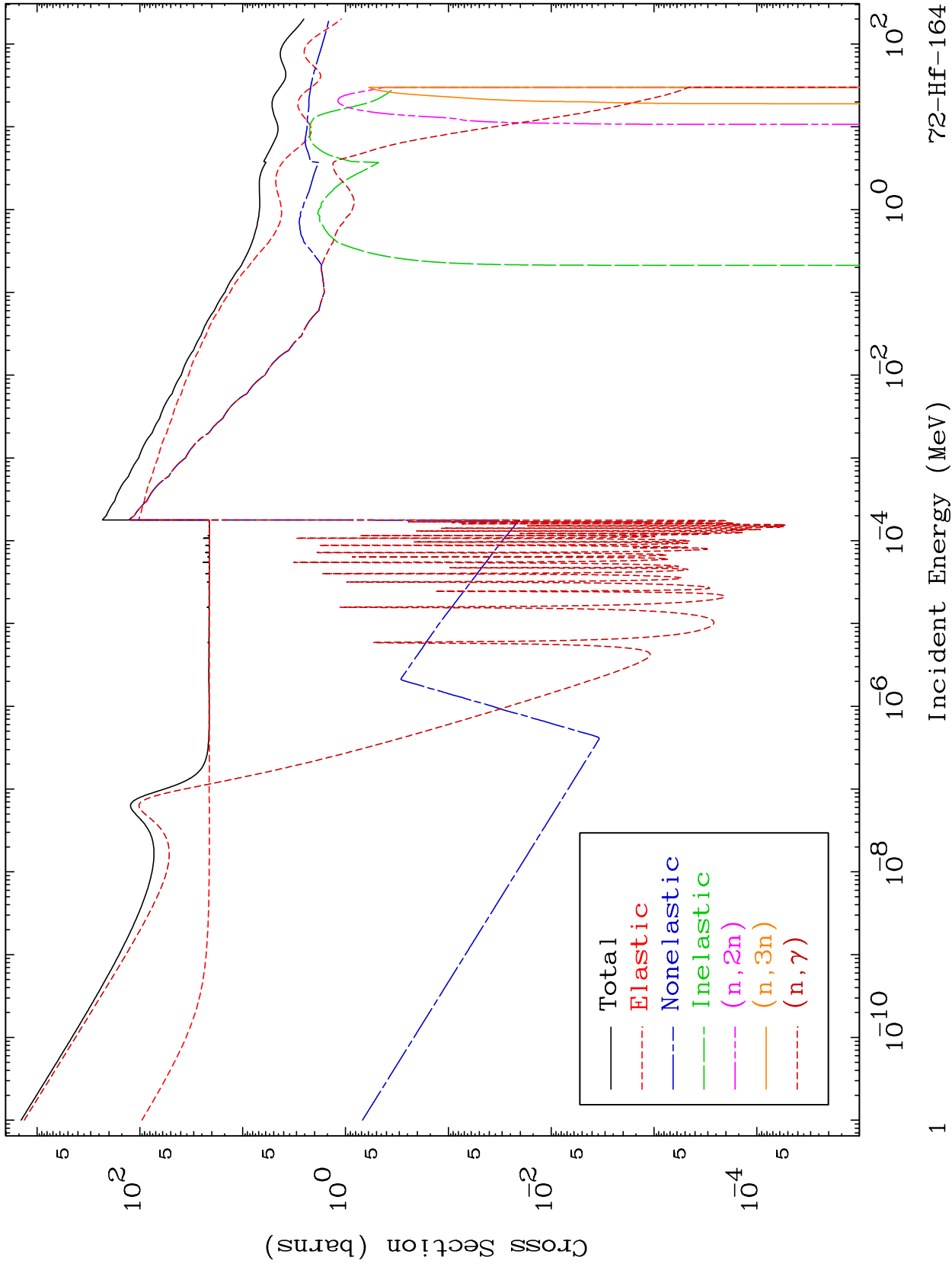
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7195

Neutron Major
293 Kelvin Cross Sections

72-Hf-164

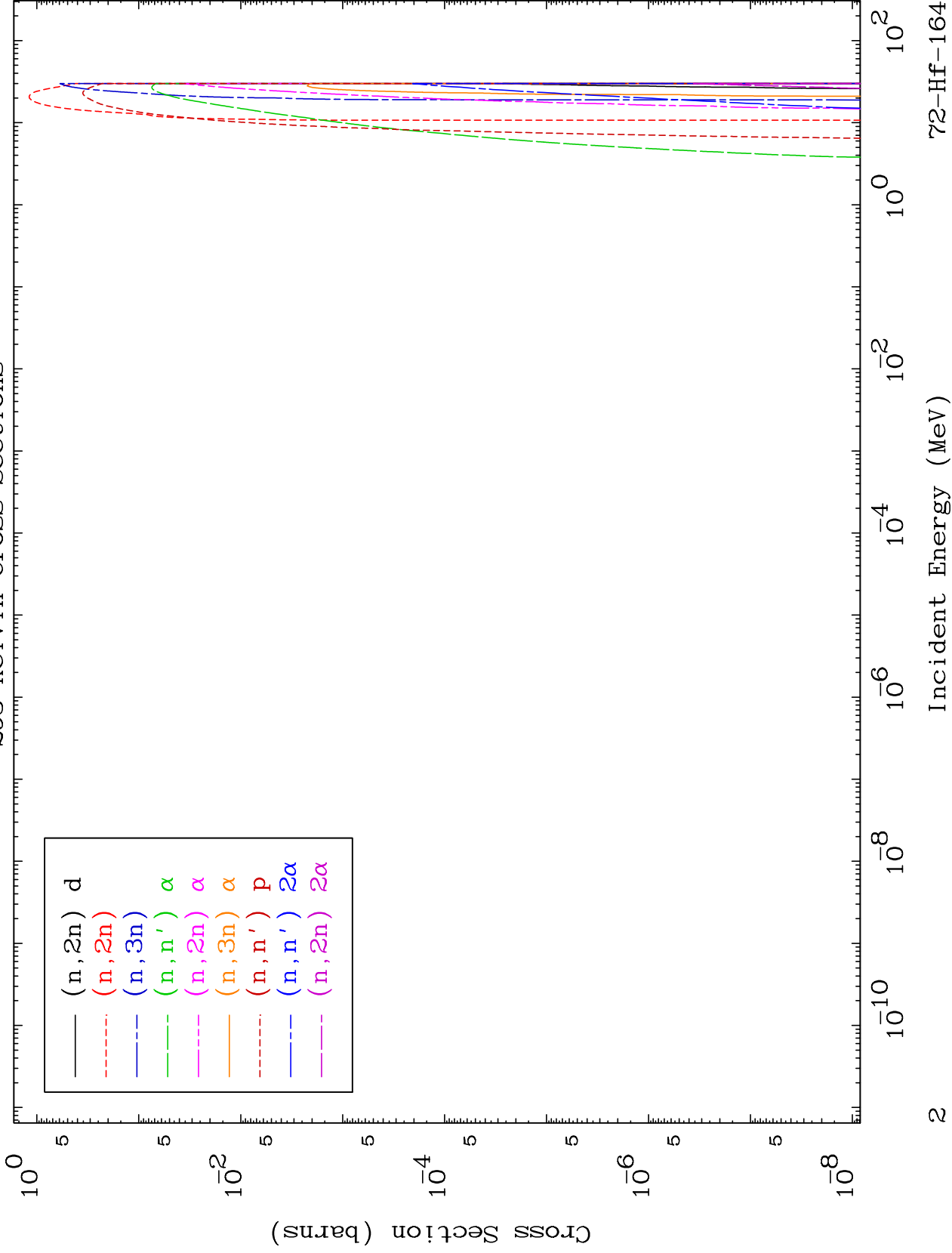


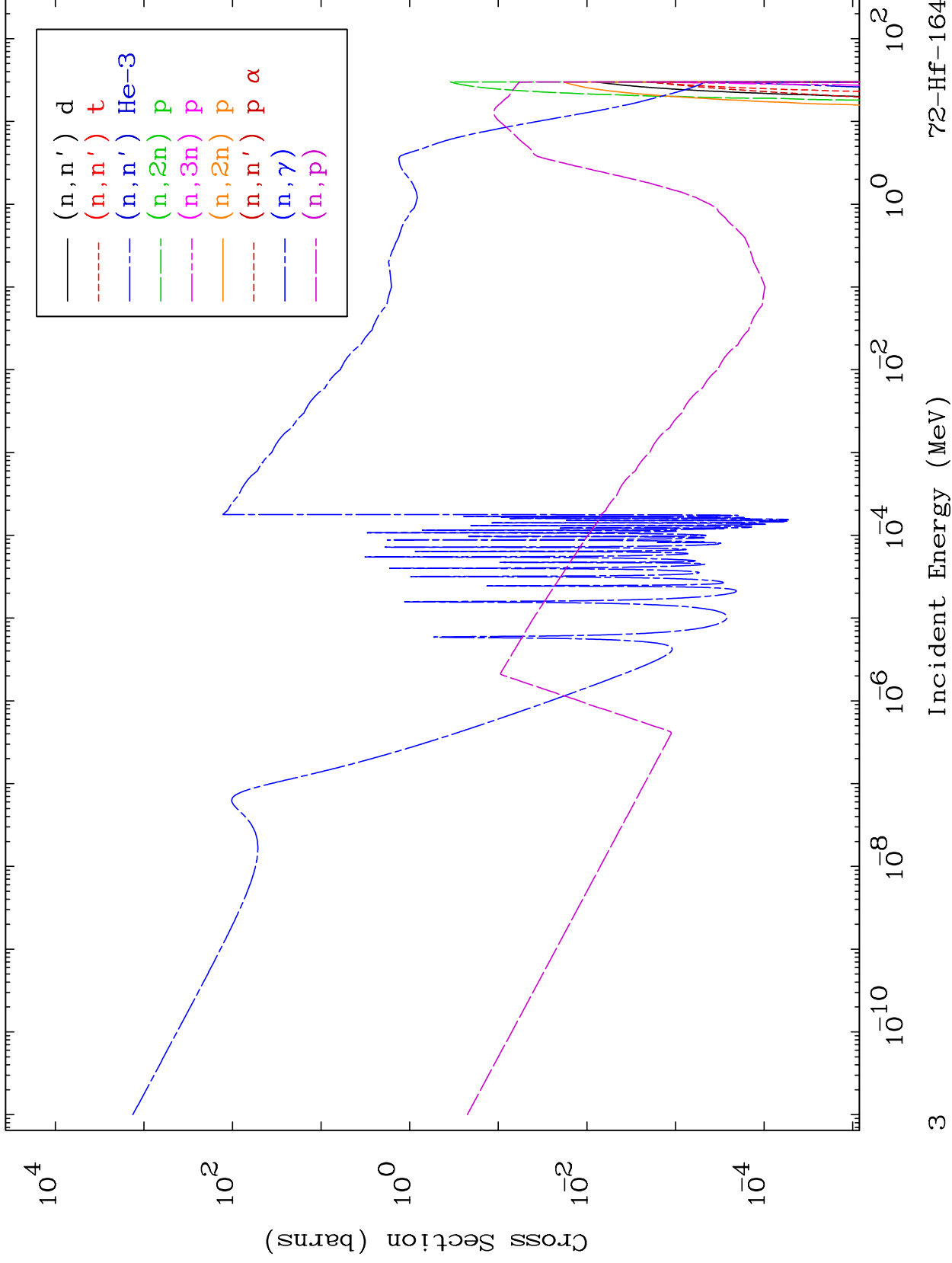
72-Hf-164

MAT 7195

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-164

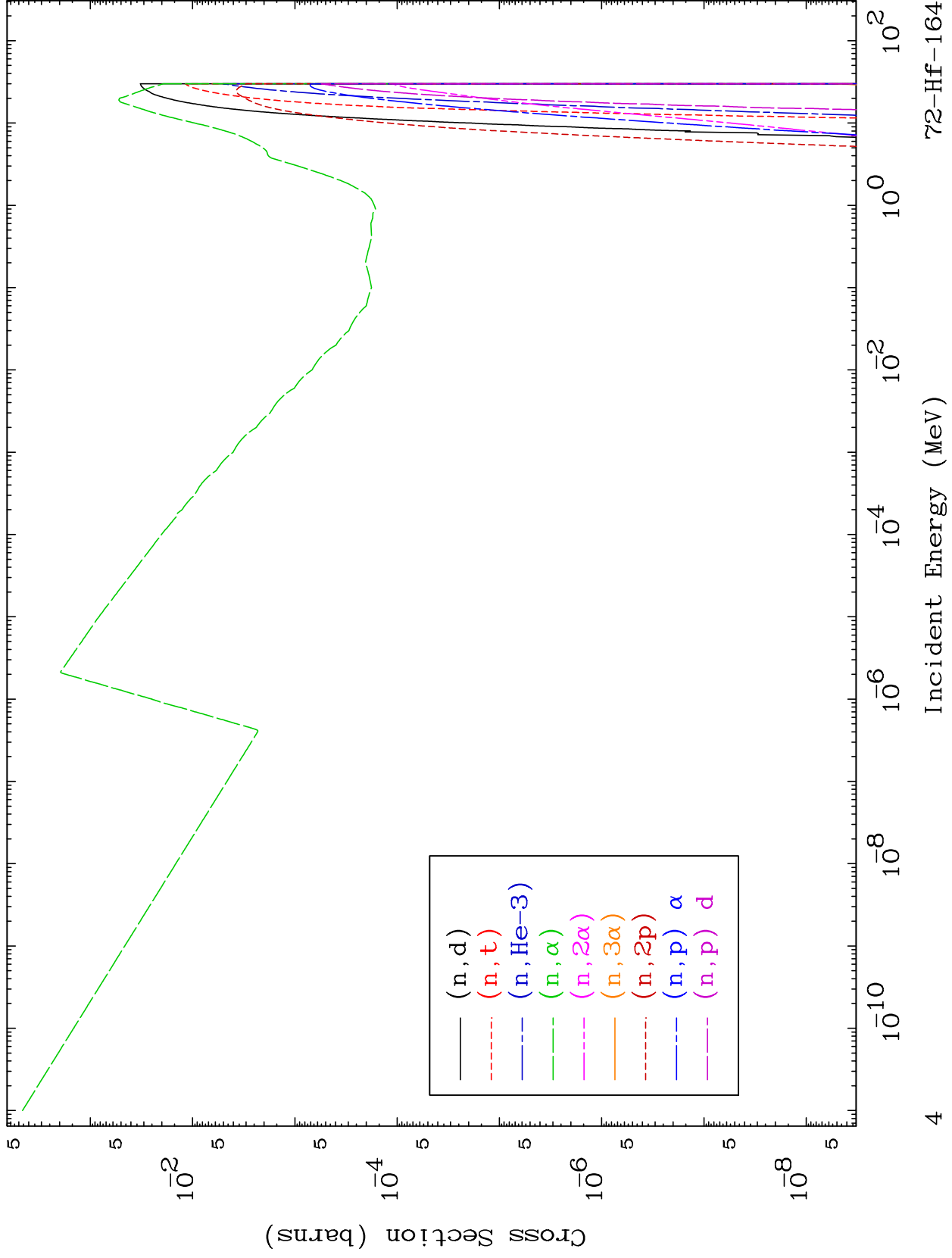


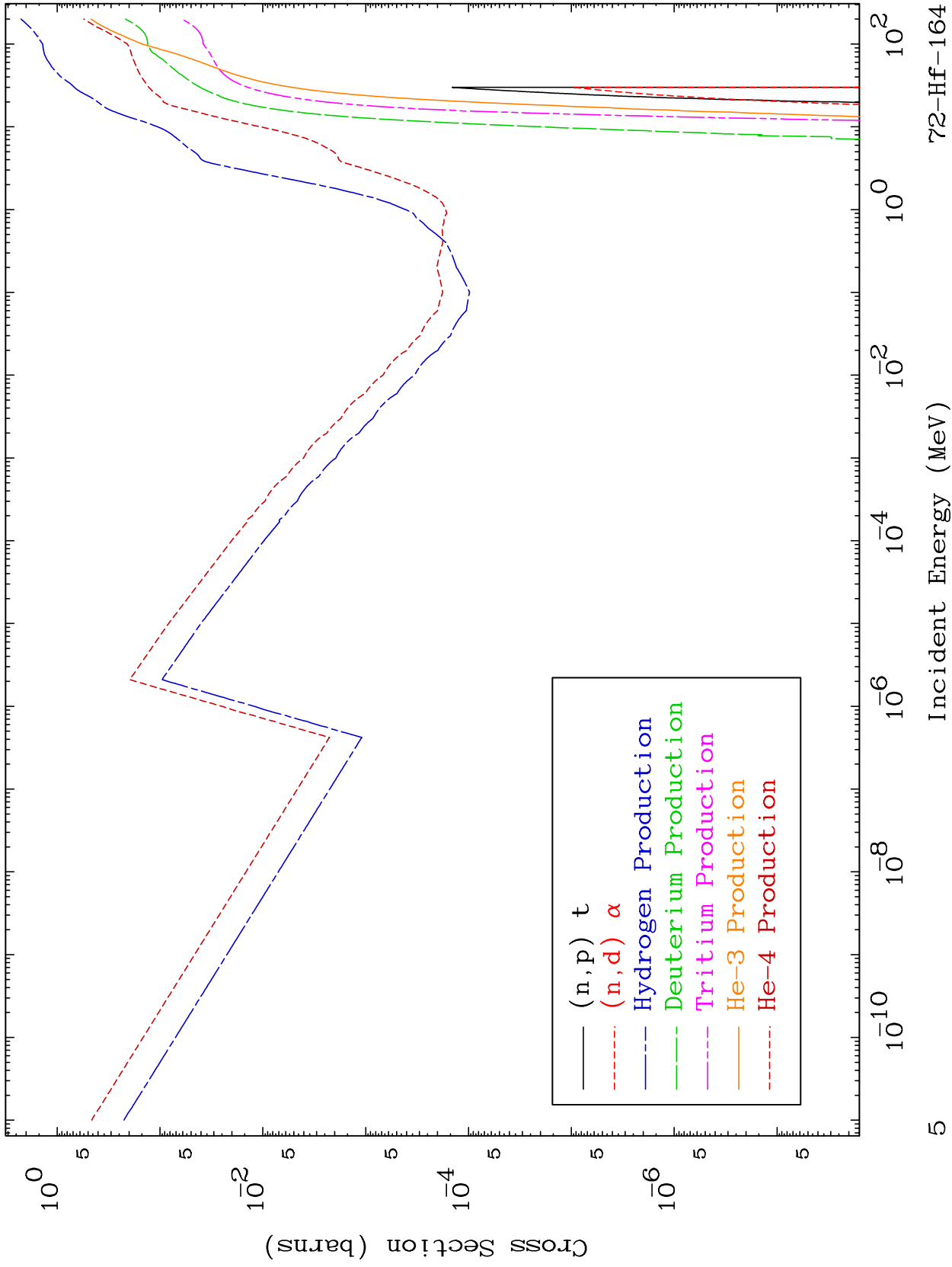


MAT 7195

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-164

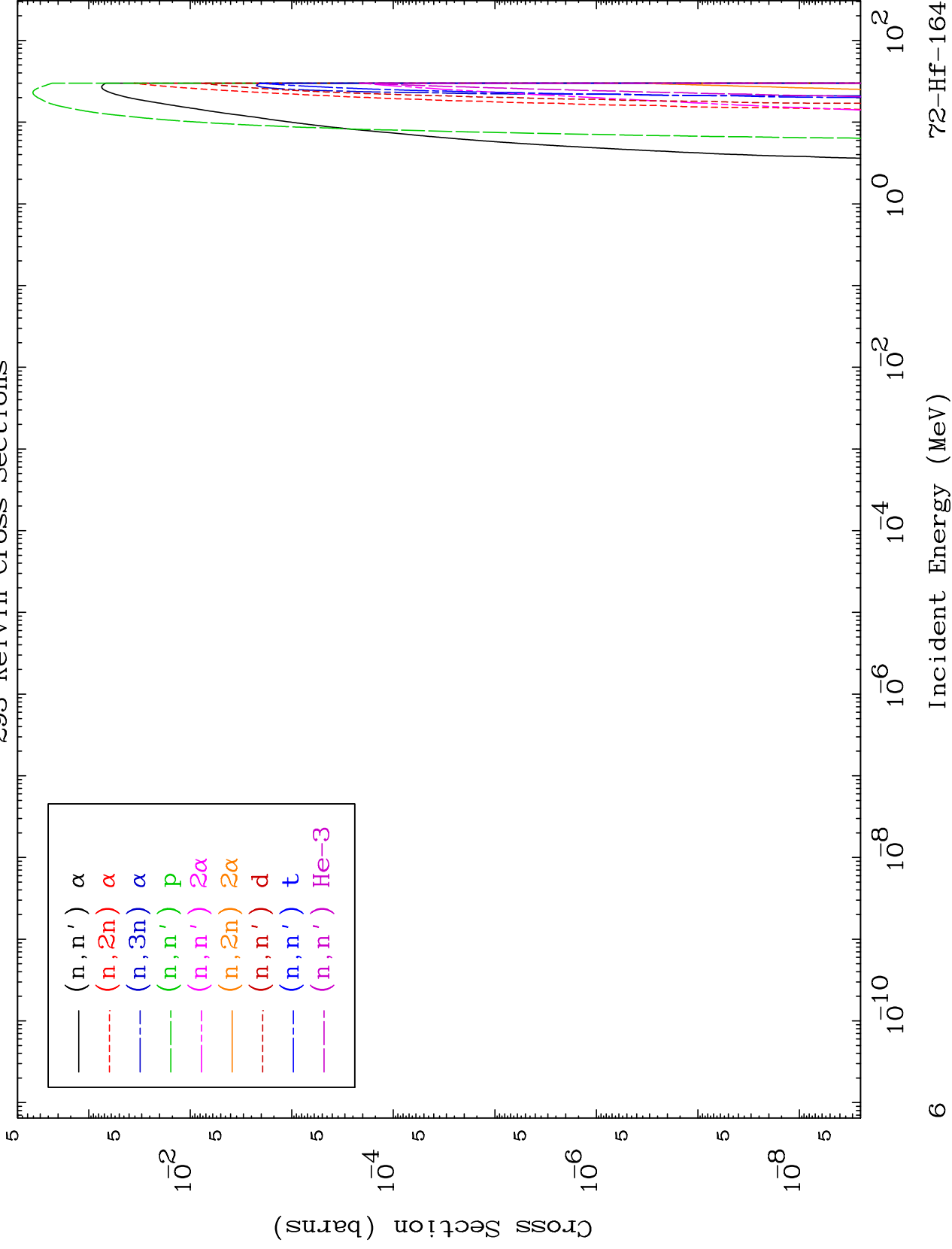




MAT 7195

Charged Particle
293 Kelvin Cross Sections

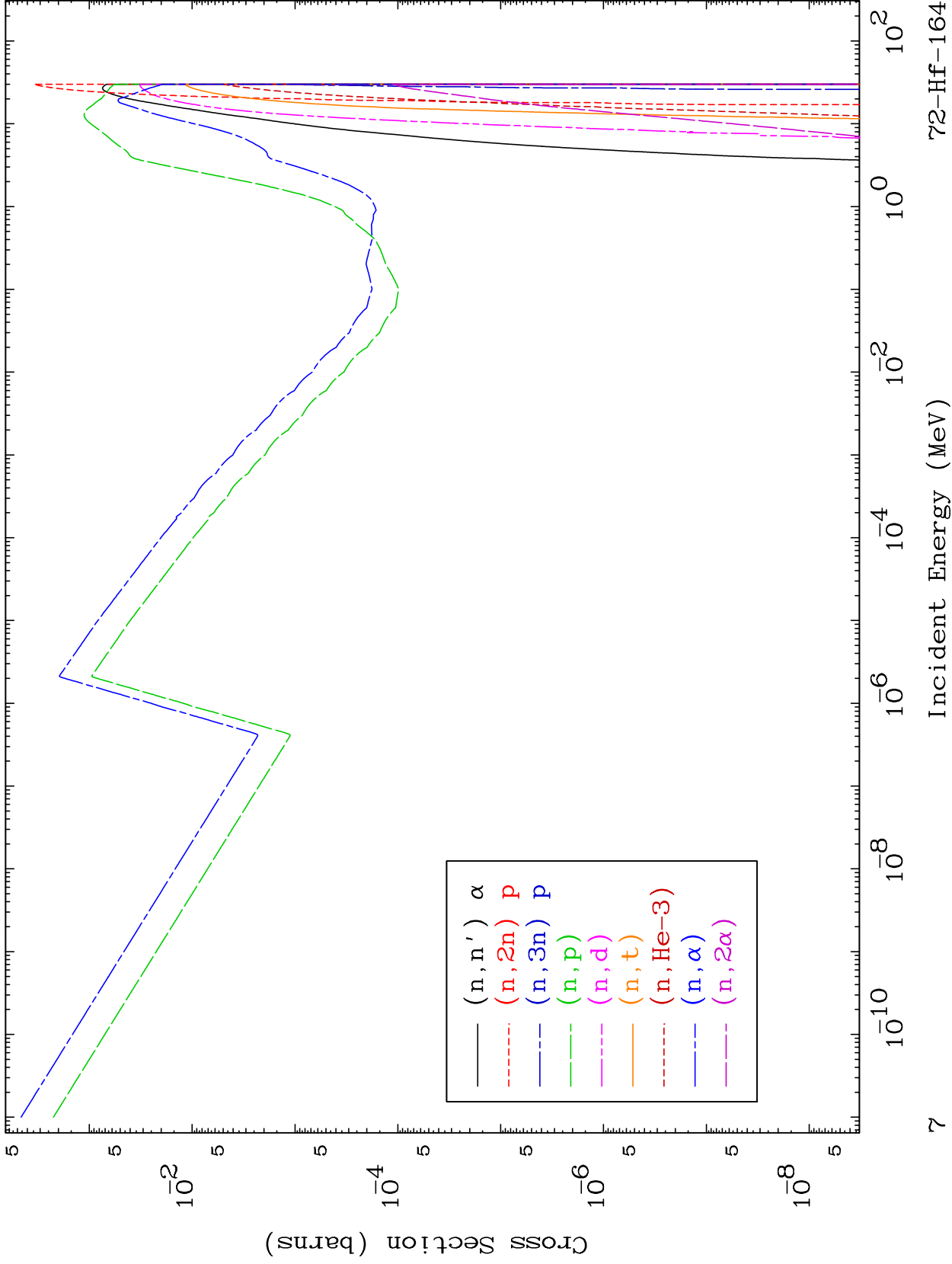
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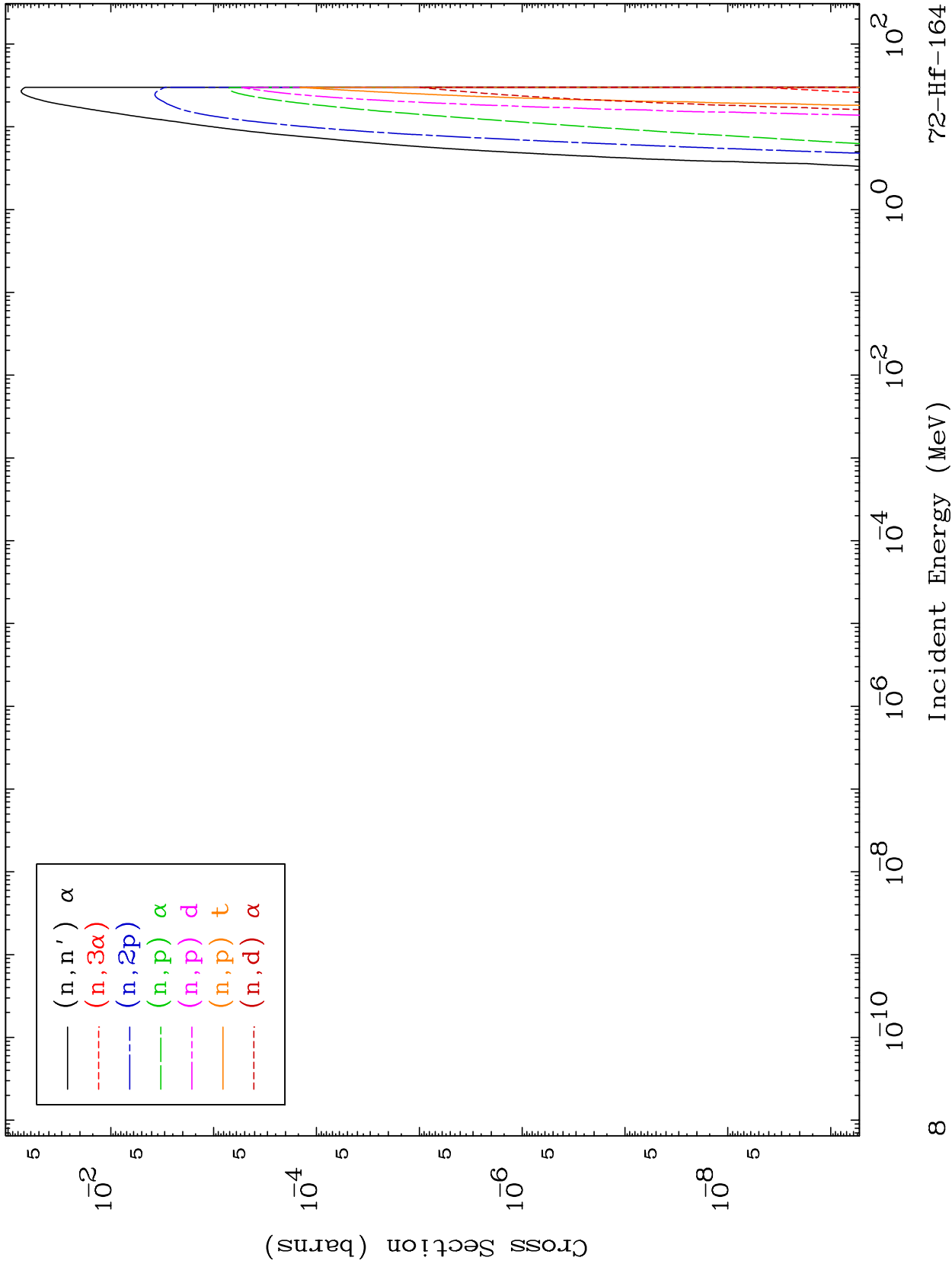


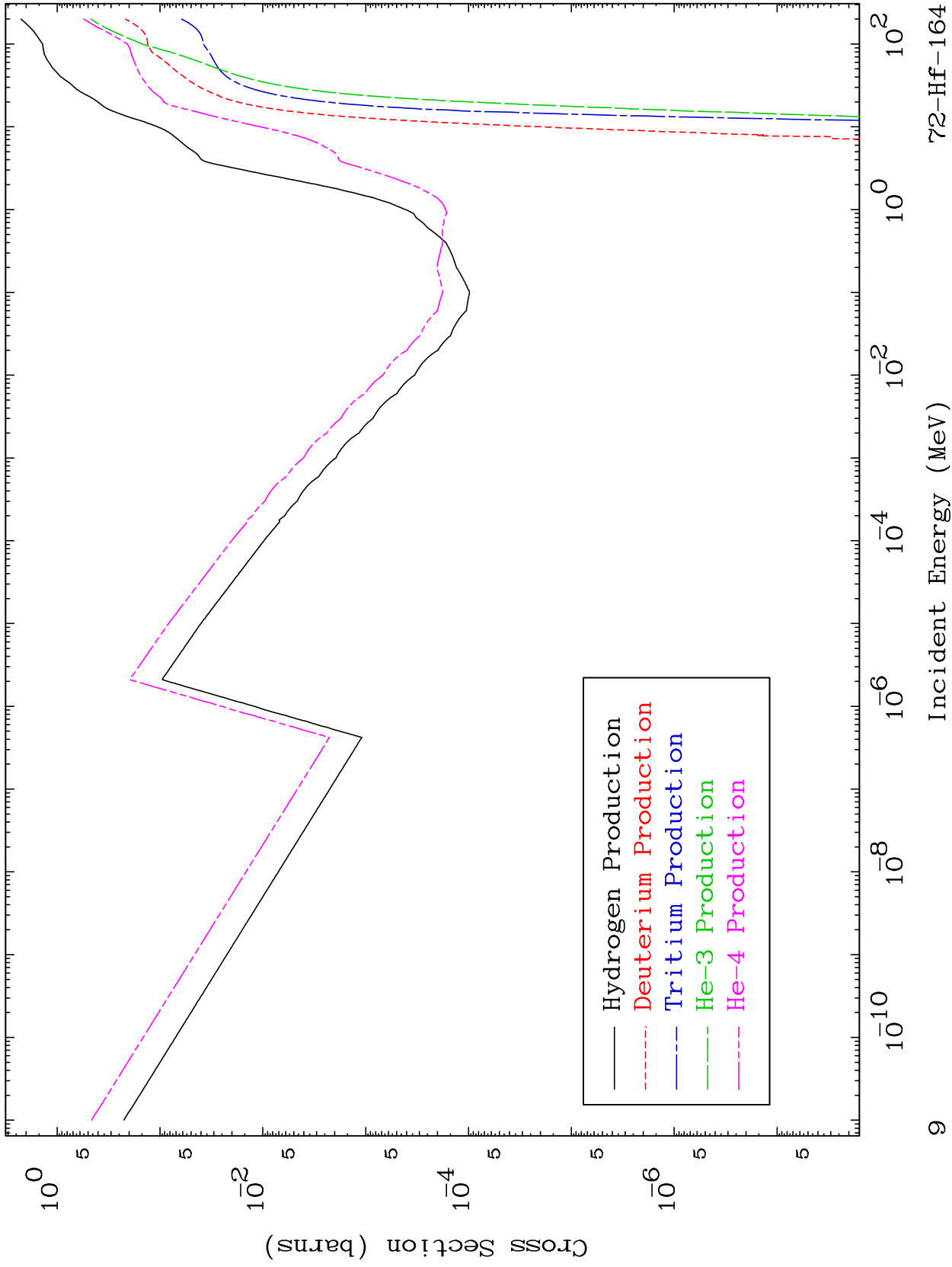
MAT 7195

Charged Particle
293 Kelvin Cross Sections

72-Hf-164





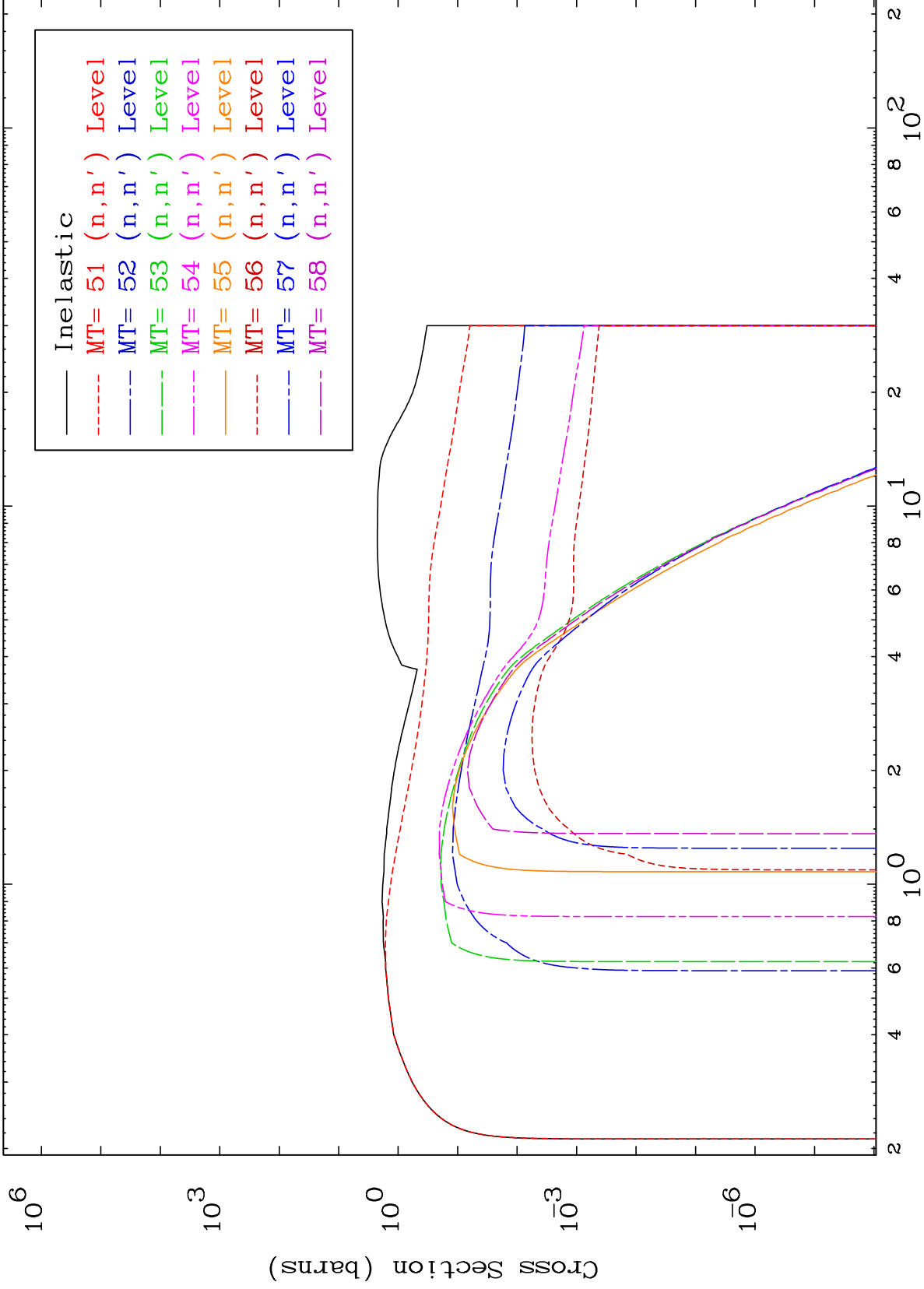


MAT 7195

(n,n') Levels

72-Hf-164

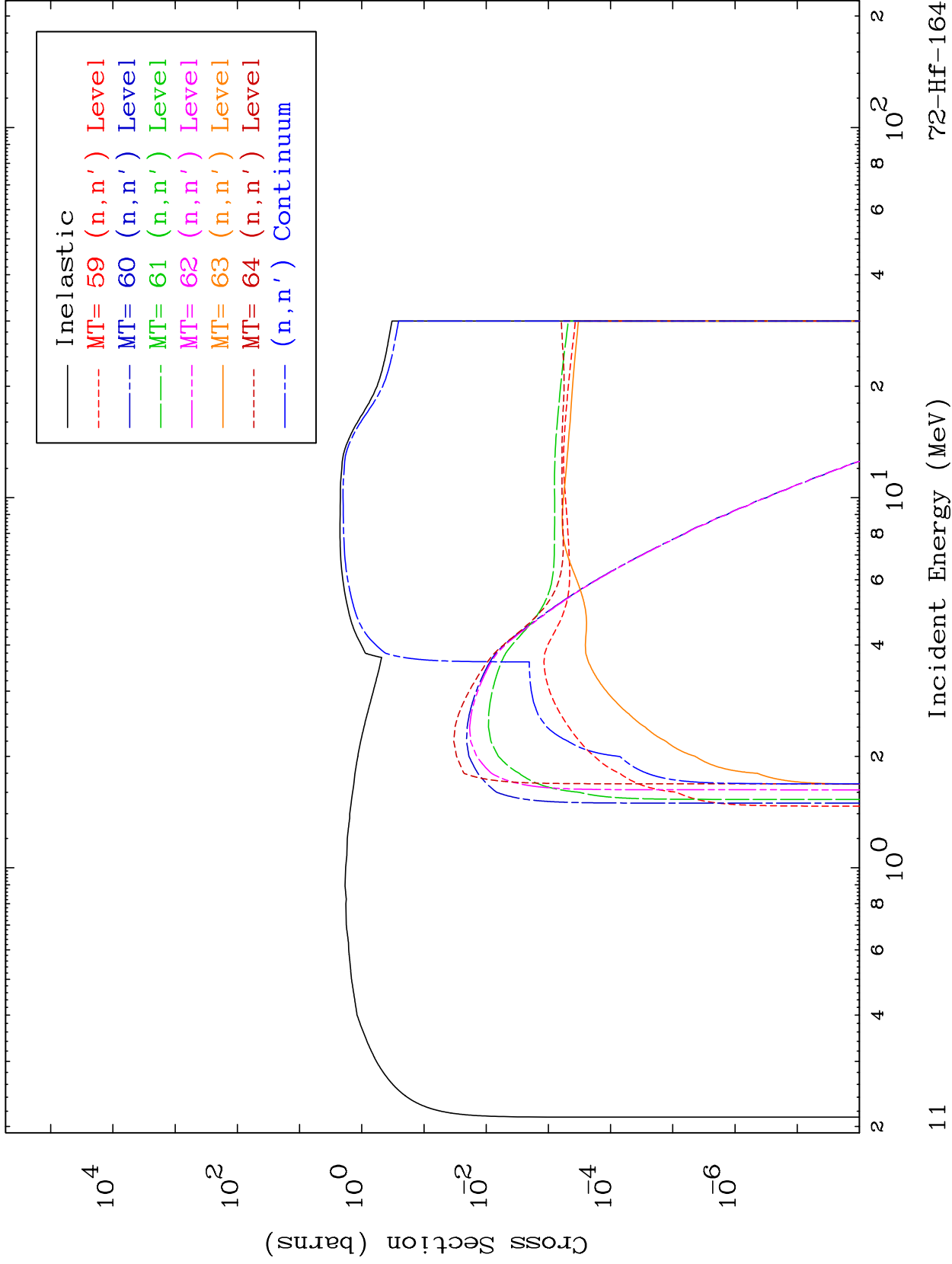
293 Kelvin Cross Sections



10

Incident Energy (MeV)

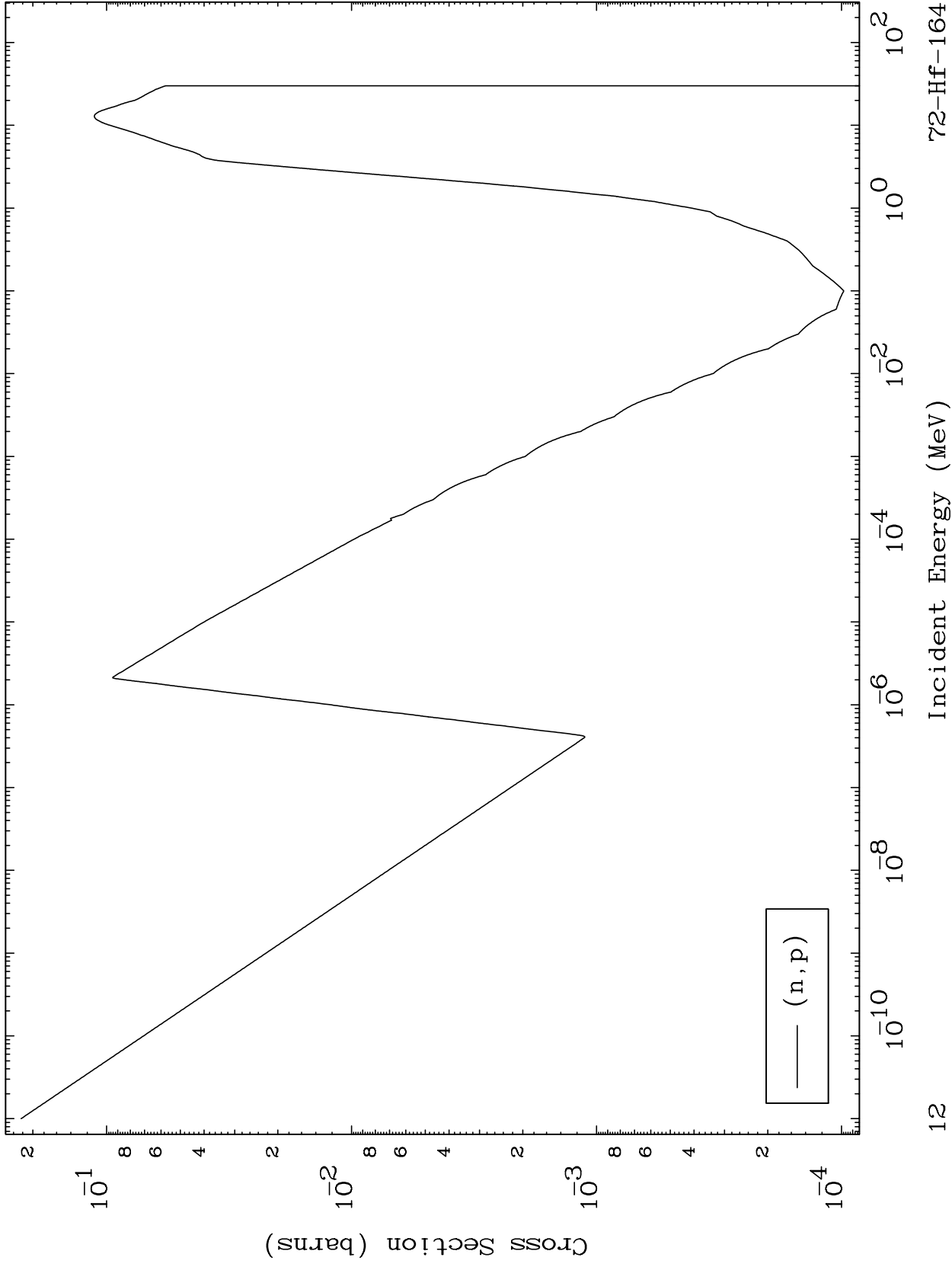
72-Hf-164



MAT 7195

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-164



12

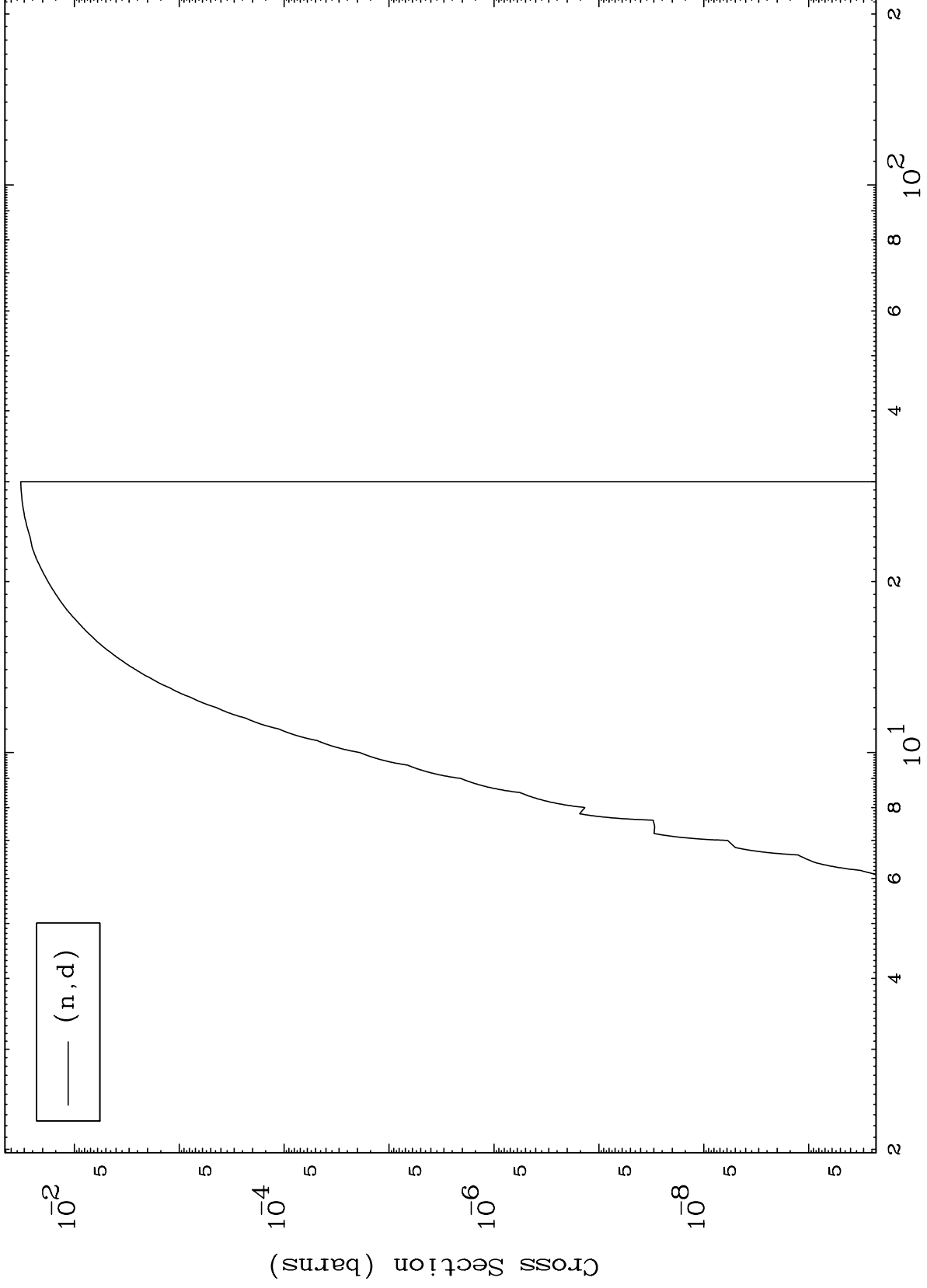
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-164



13

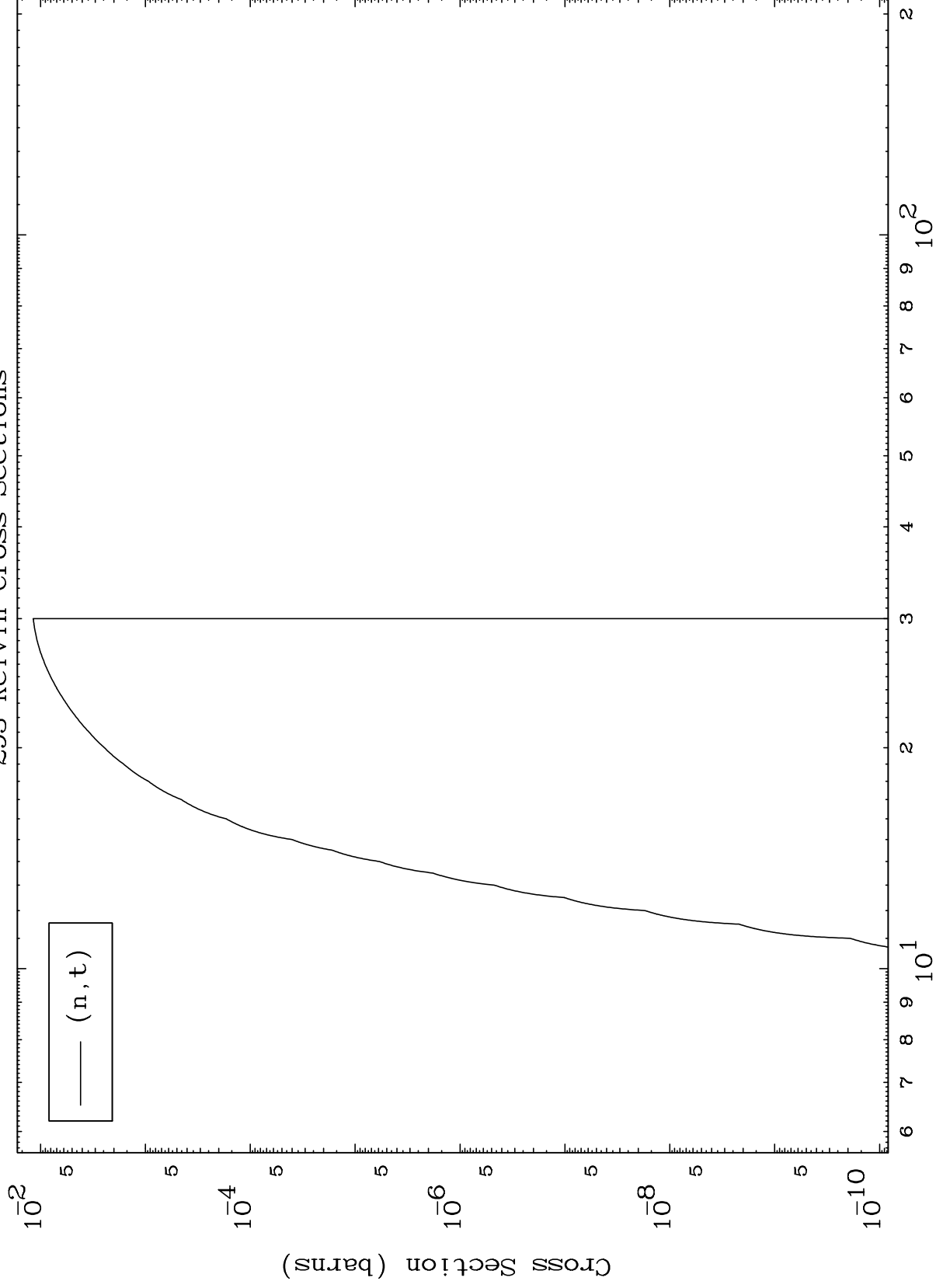
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-164



14

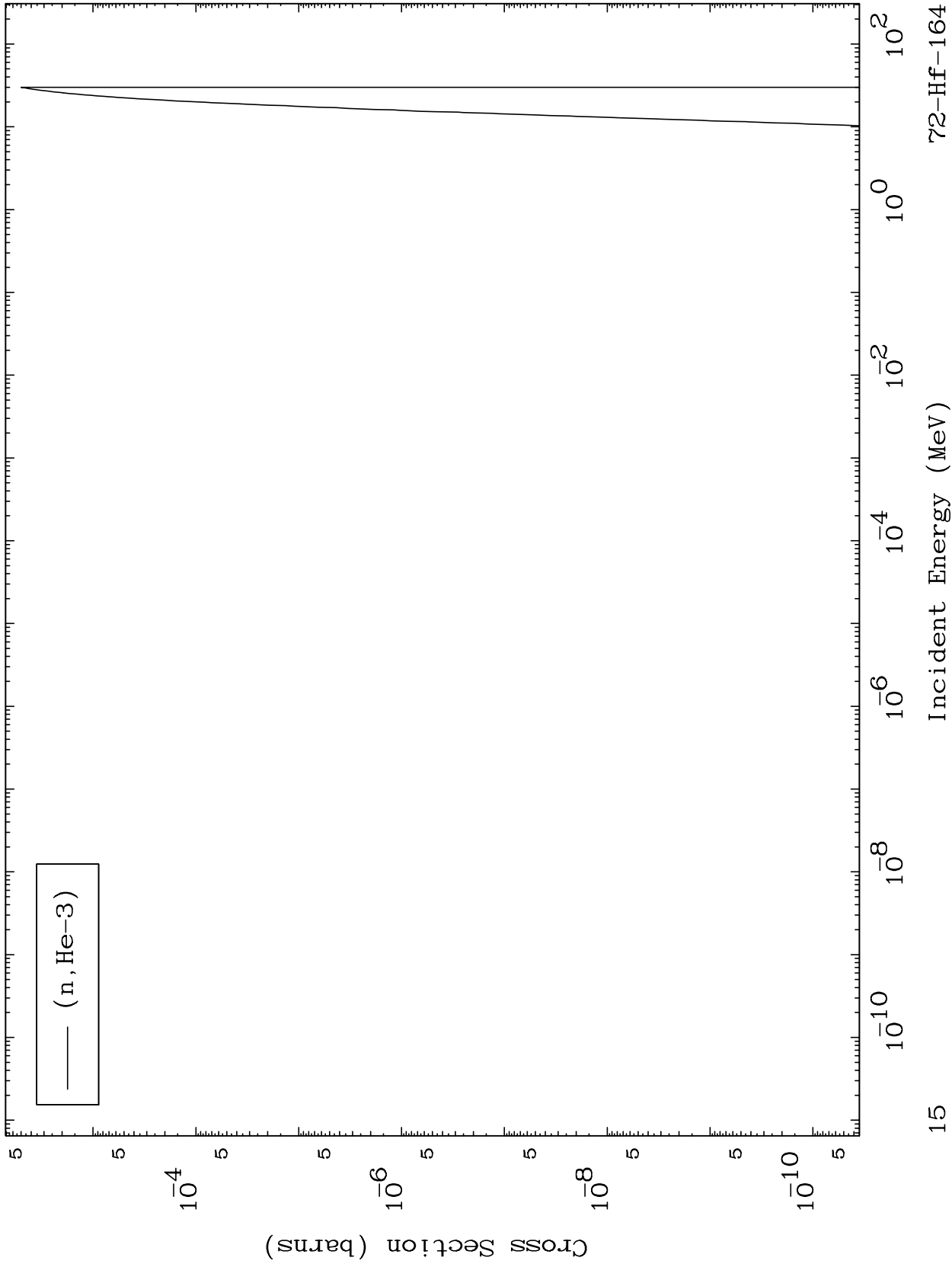
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-164



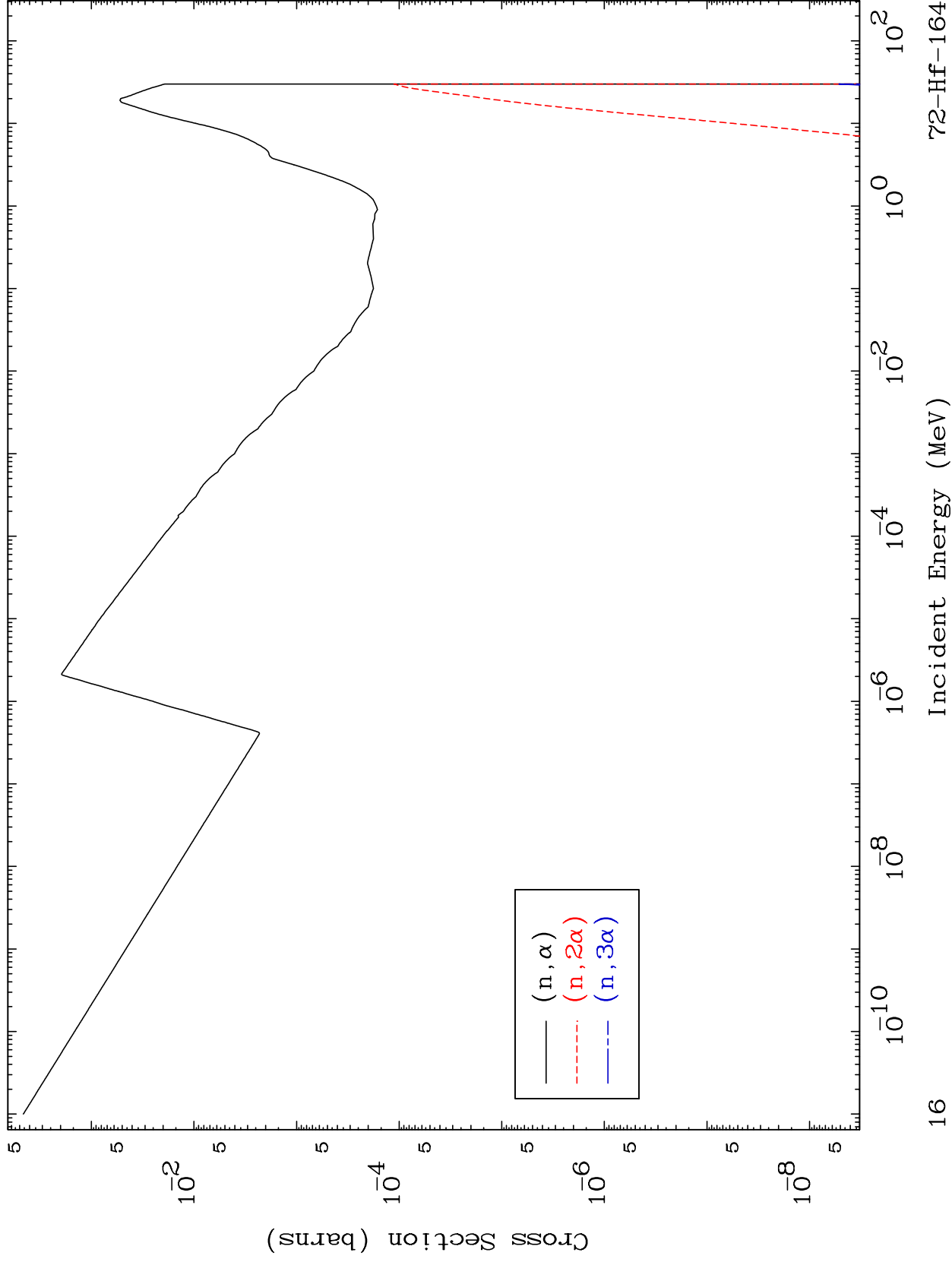
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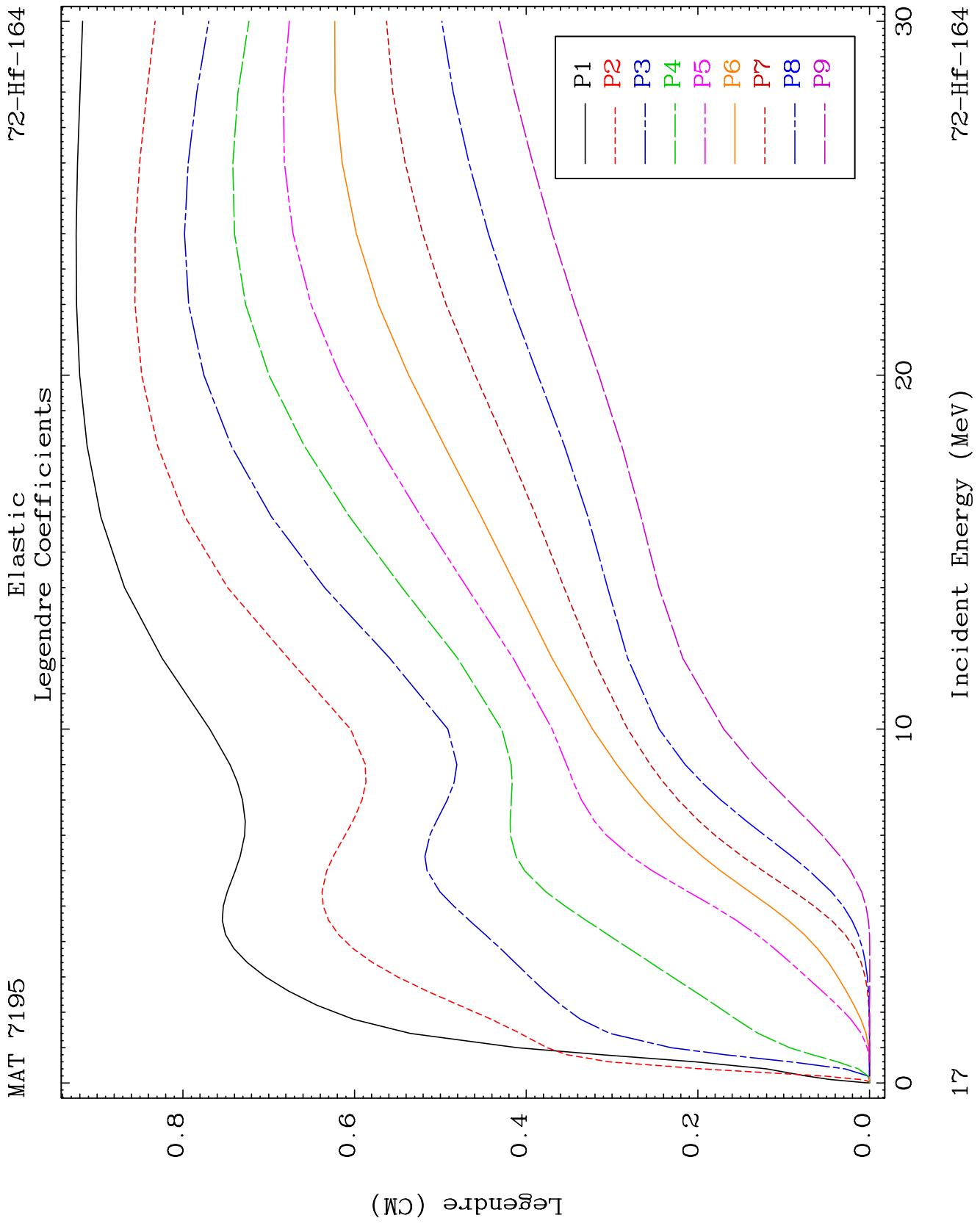
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MAT 7195

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-164

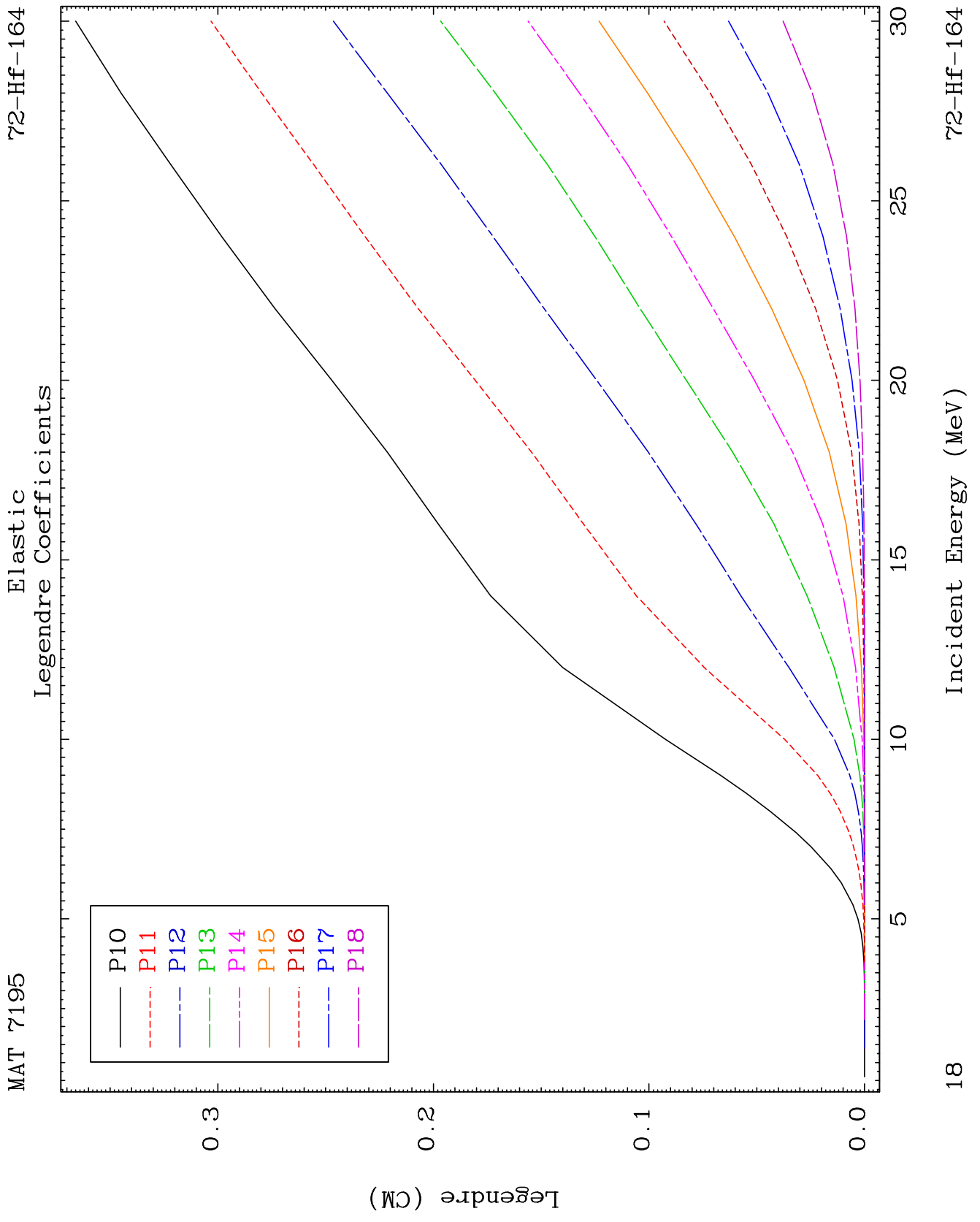




72-Hf-164

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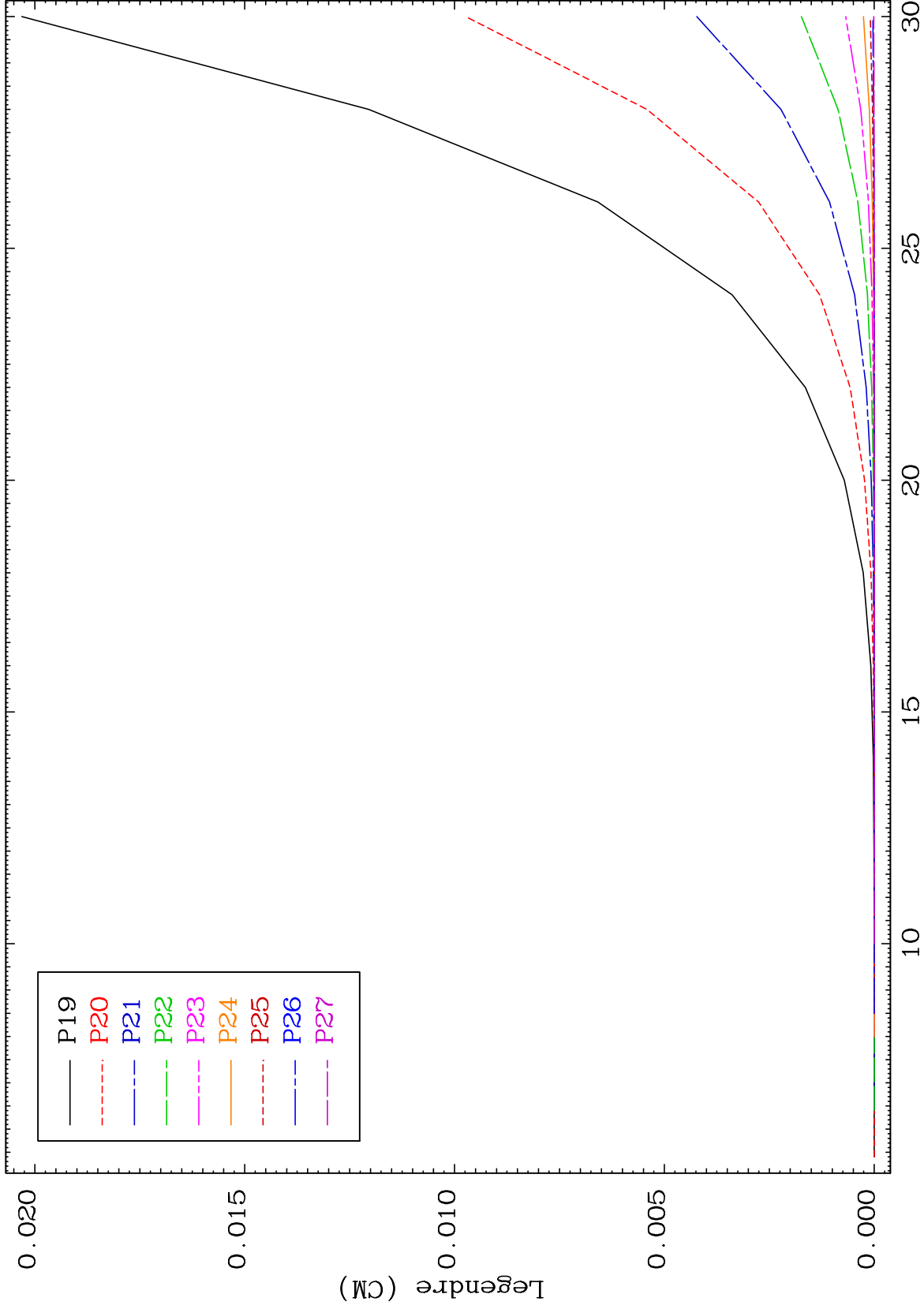
17



MAT 7195

Elastic
Legendre Coefficients

72-Hf-164



19

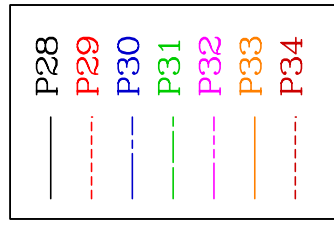
Incident Energy (MeV)

72-Hf-164

MAT 7195

Elastic Legendre Coefficients

72-Hf-164

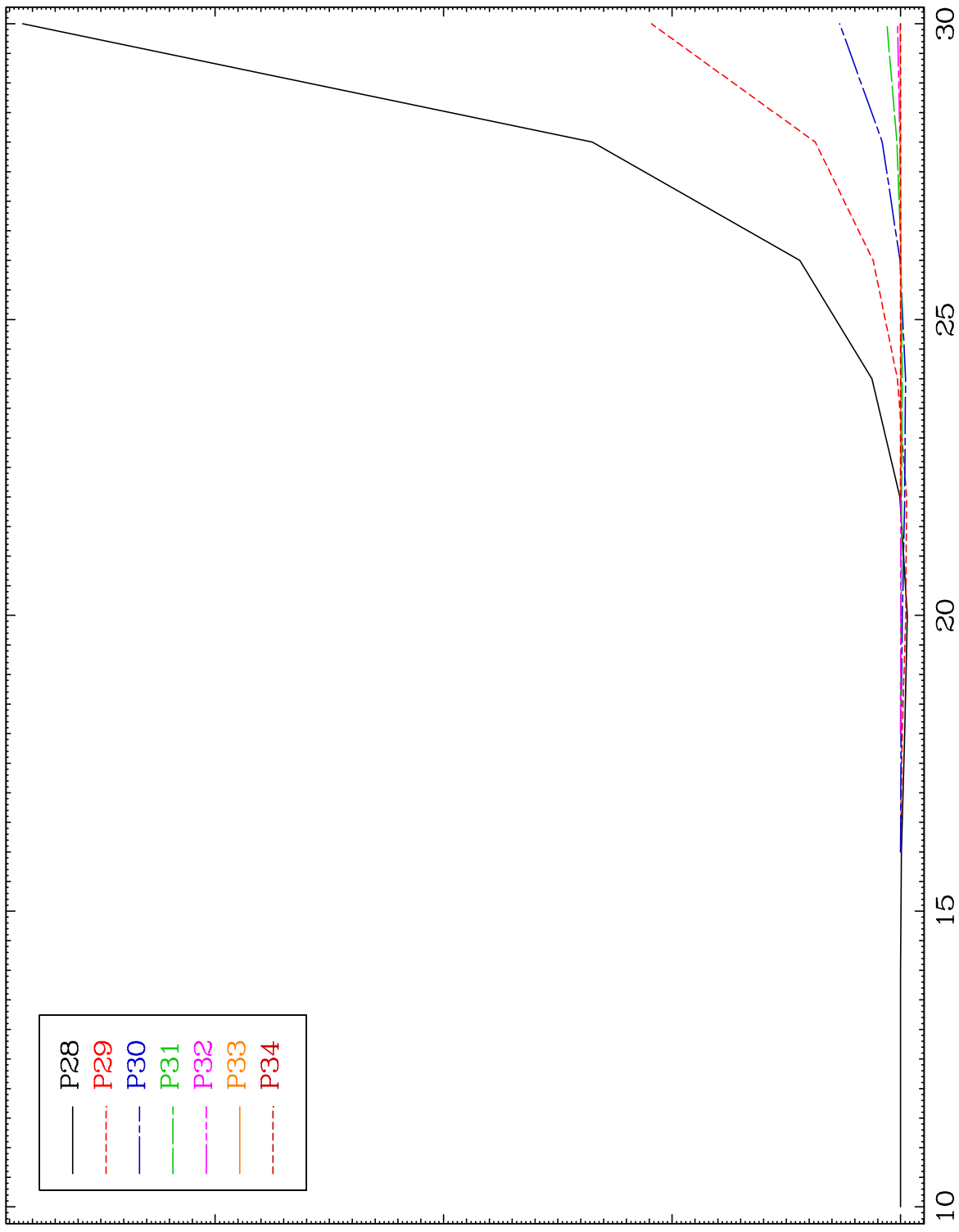


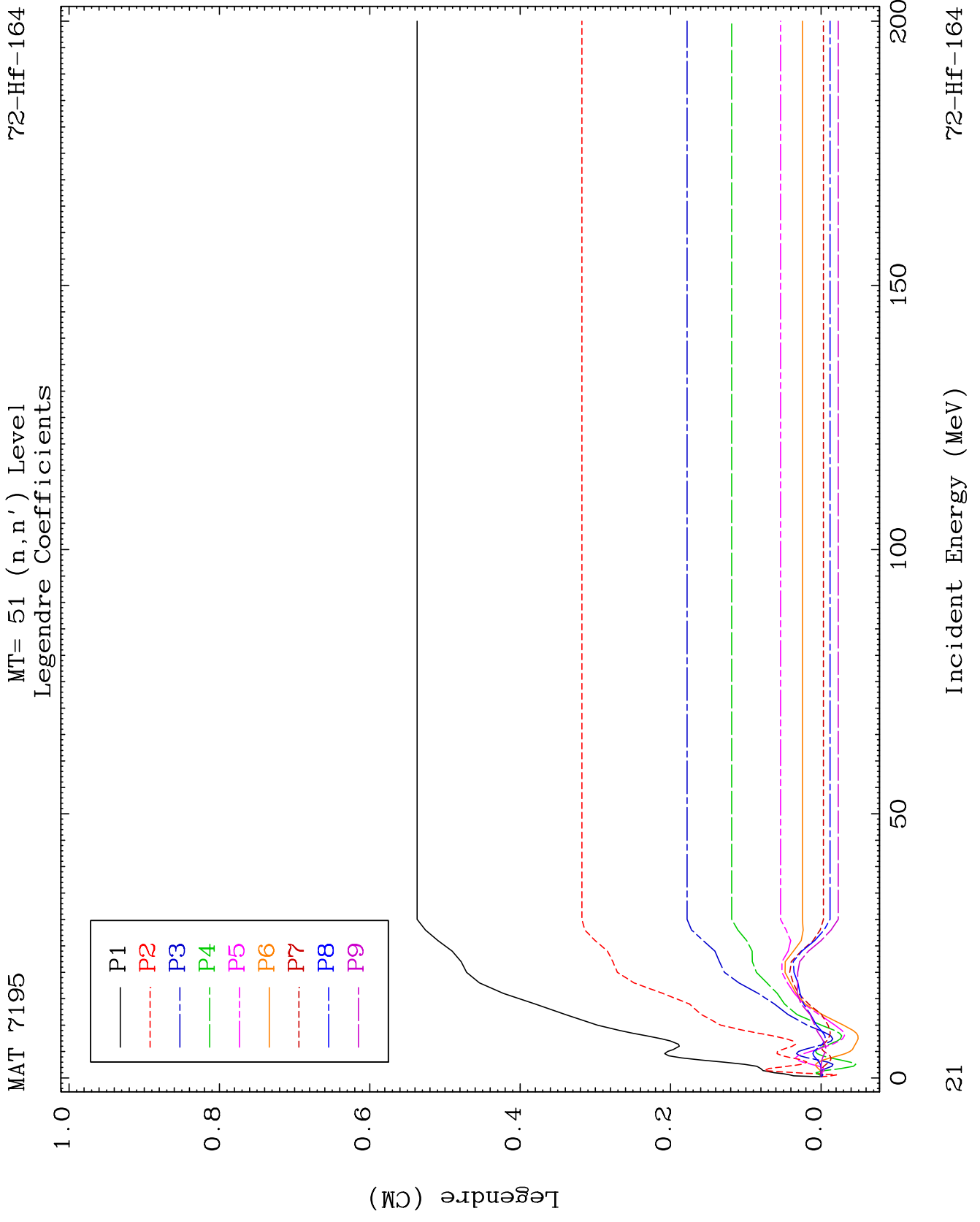
$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

72-Hf-164

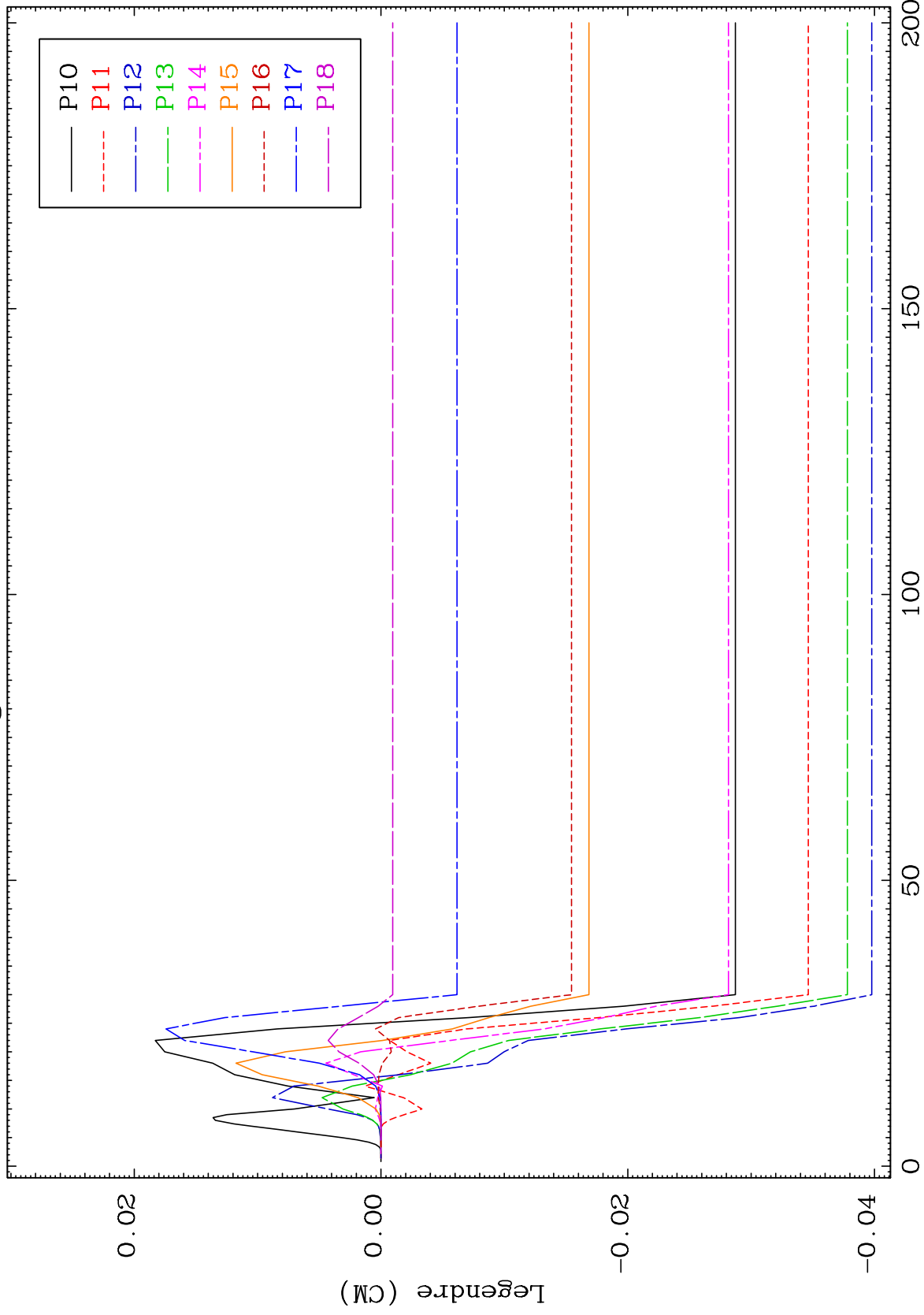




MAT 7195

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

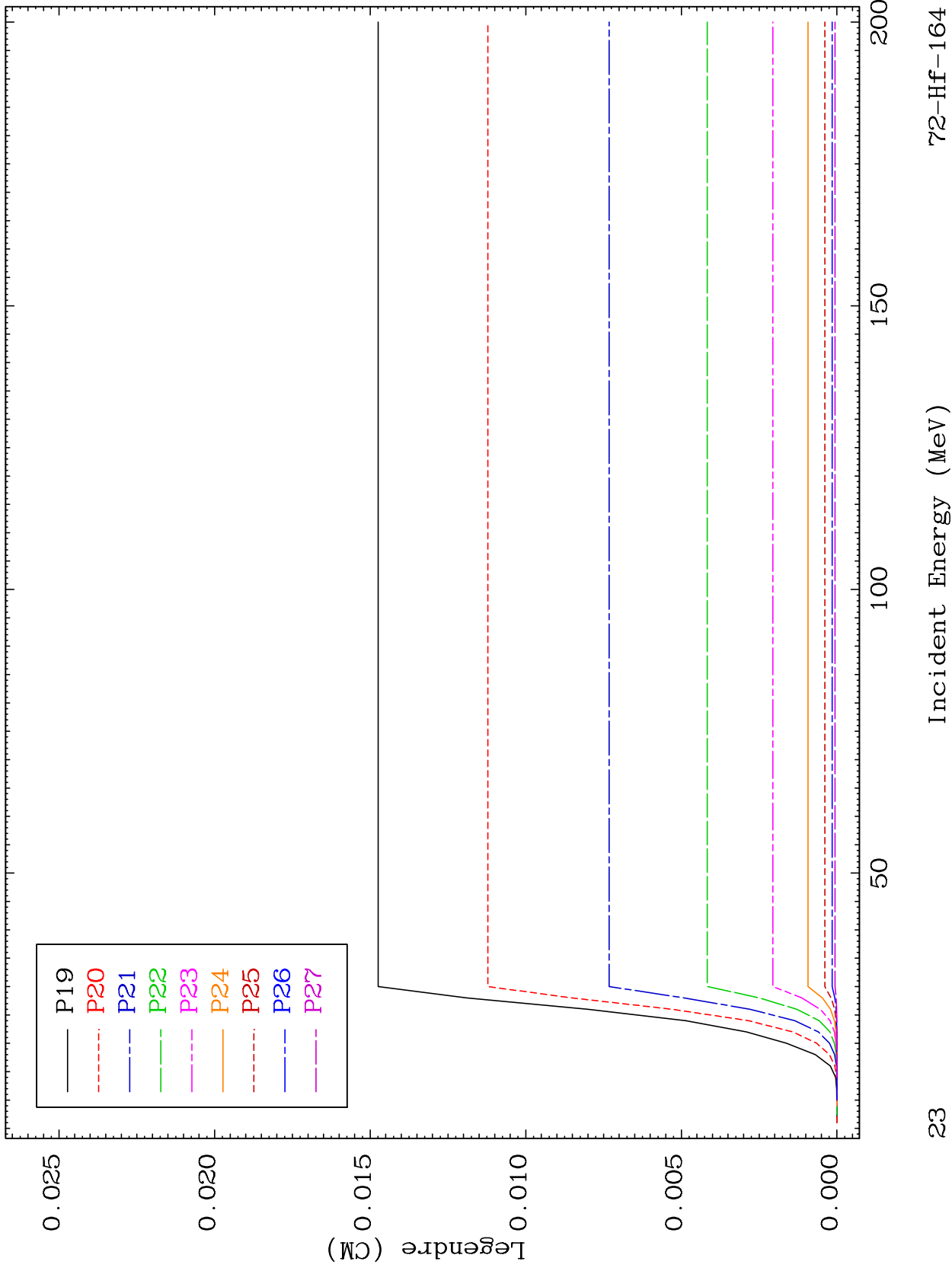
72-Hf-164



22

Incident Energy (MeV)

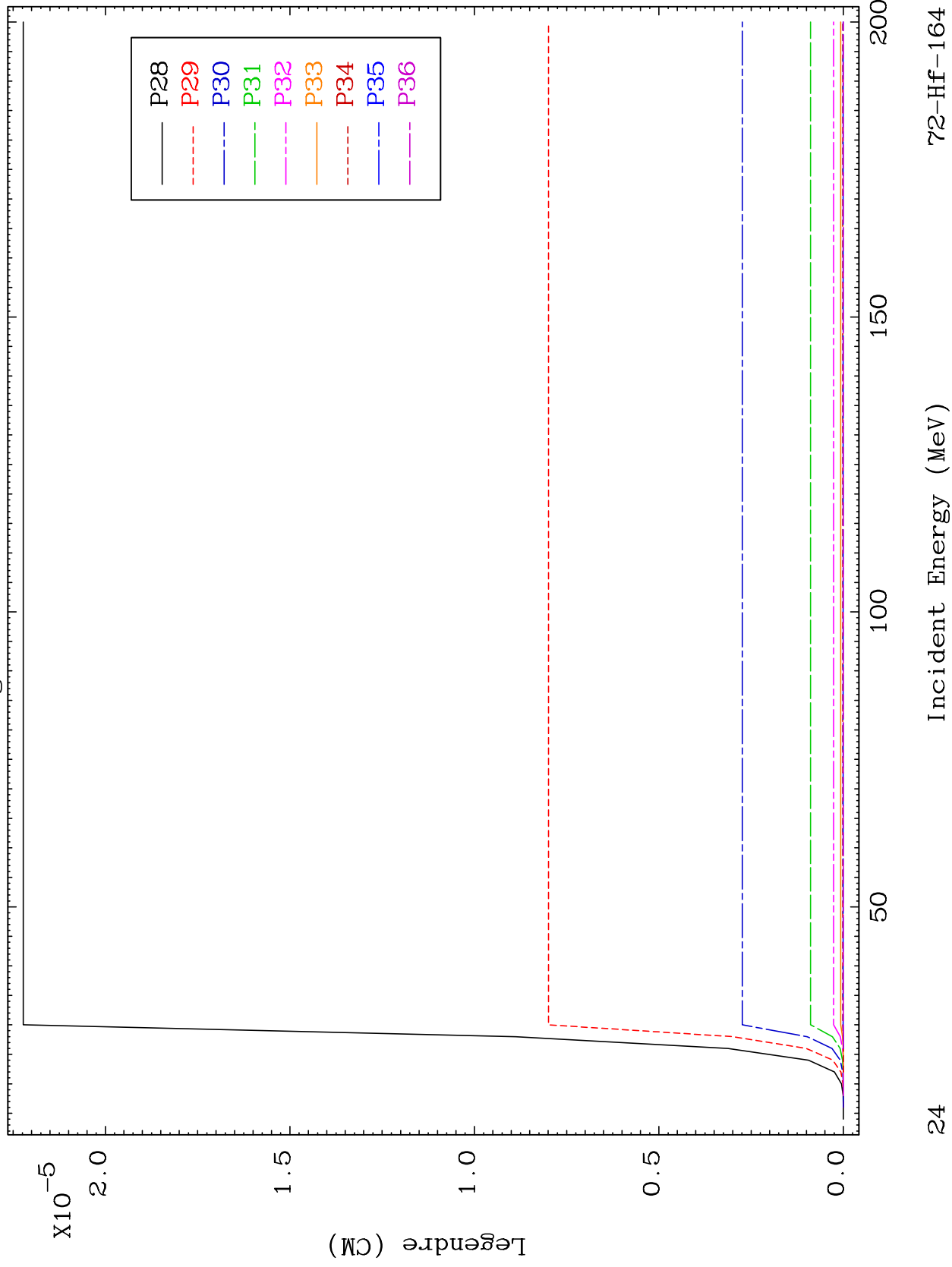
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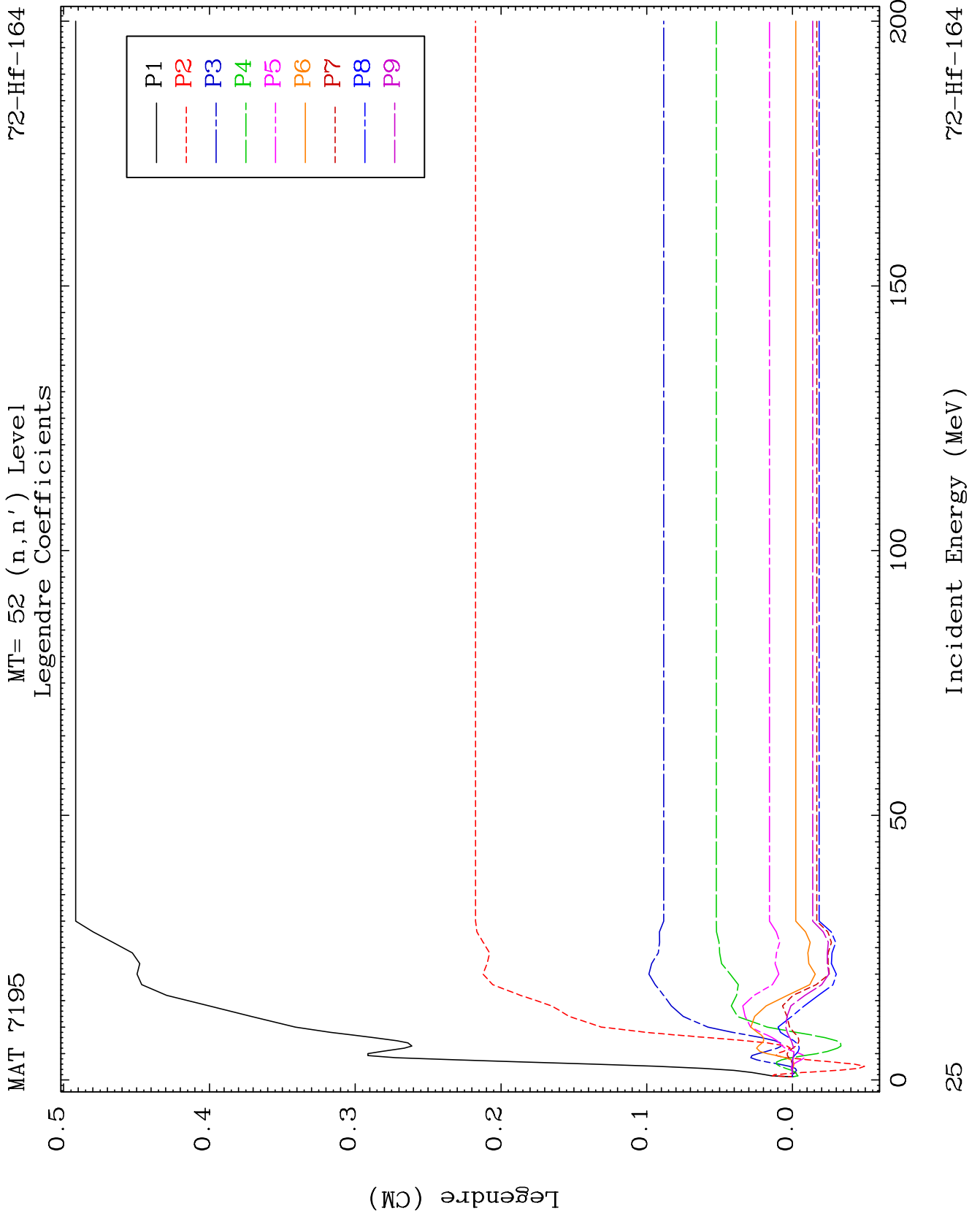


MAT 7195

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

72-Hf-164

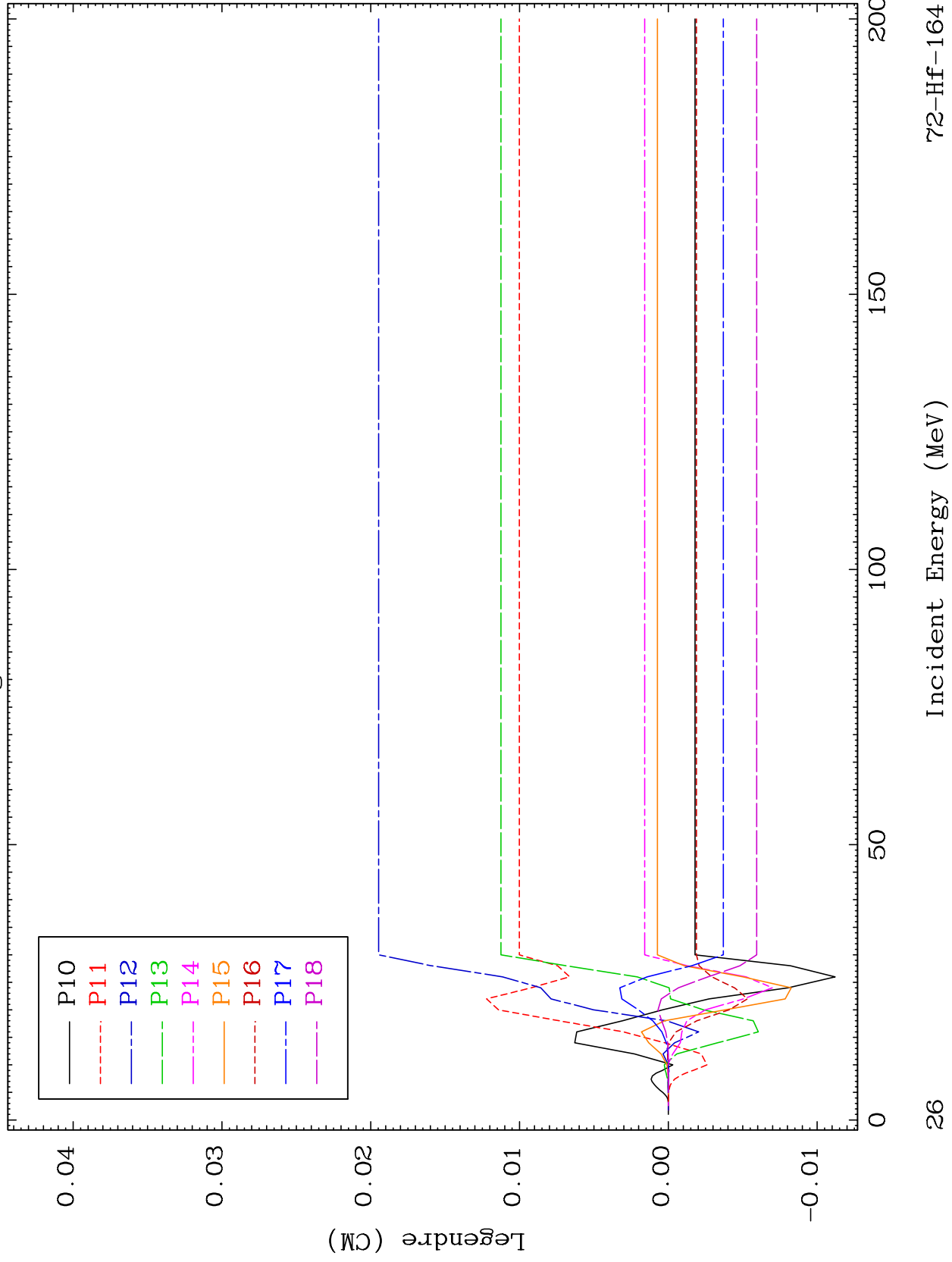




MAT 7195

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

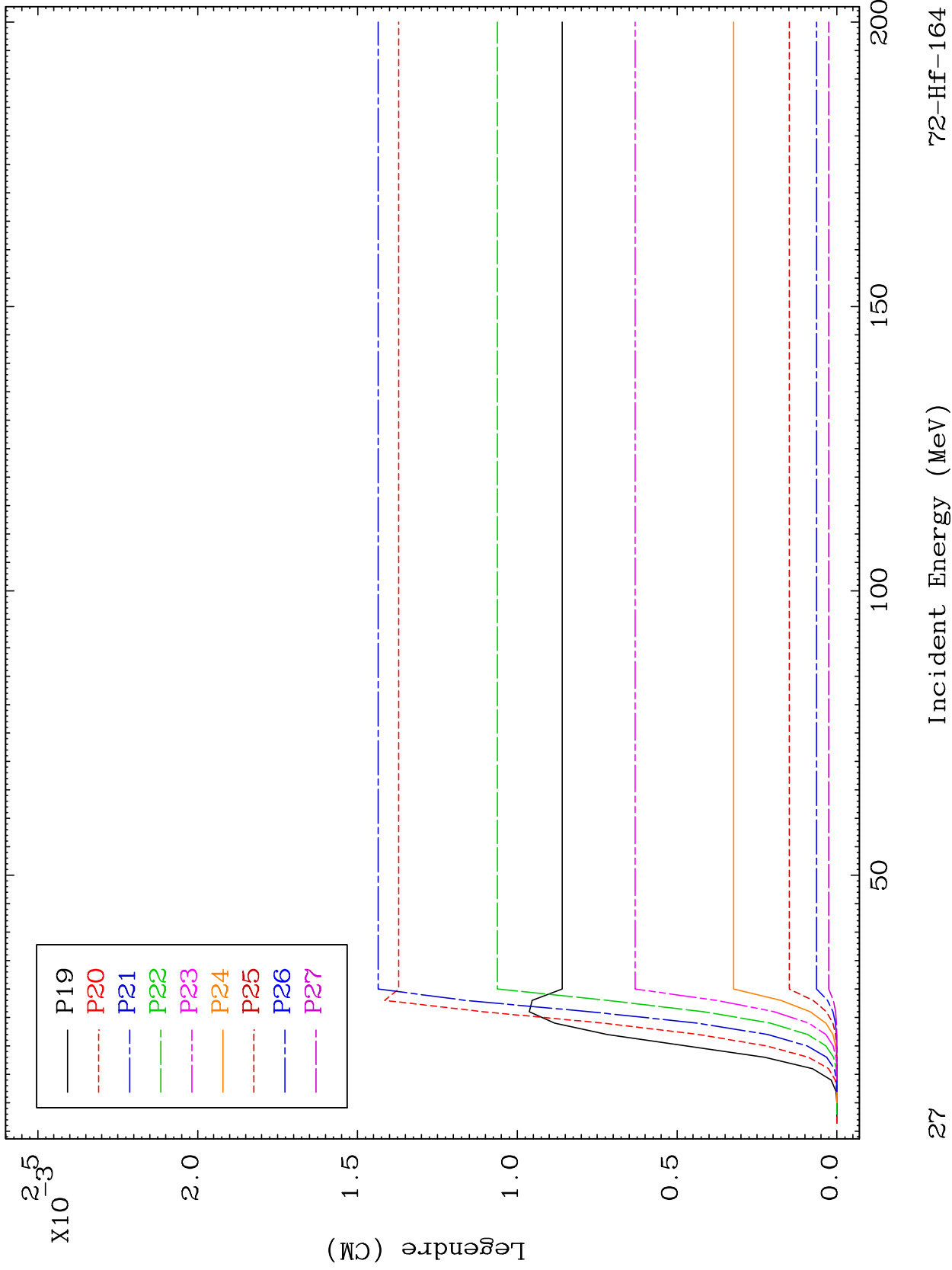
72-Hf-164



26

Incident Energy (MeV)

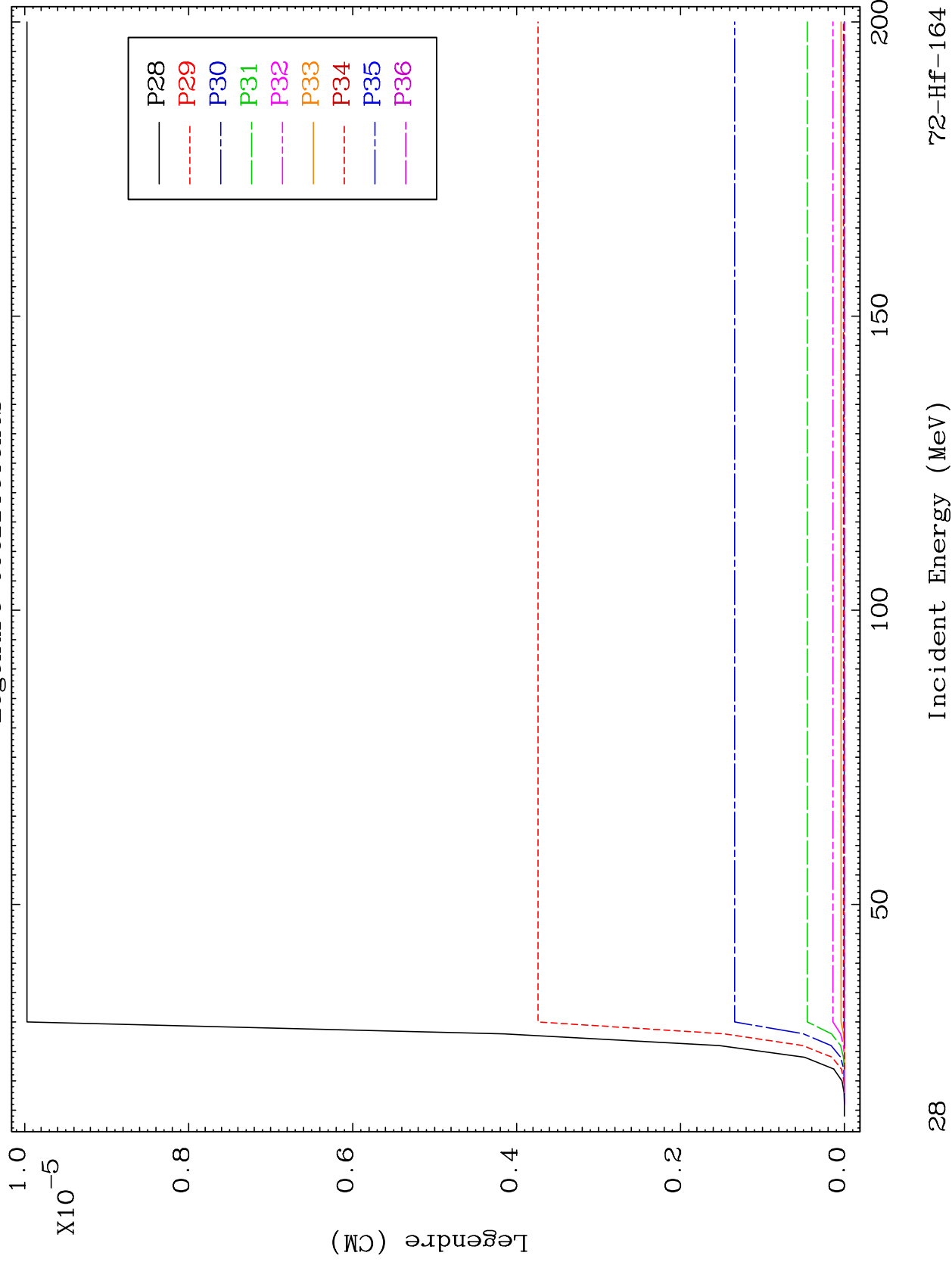
72-Hf-164



MAT 7195

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

72-Hf-164



28

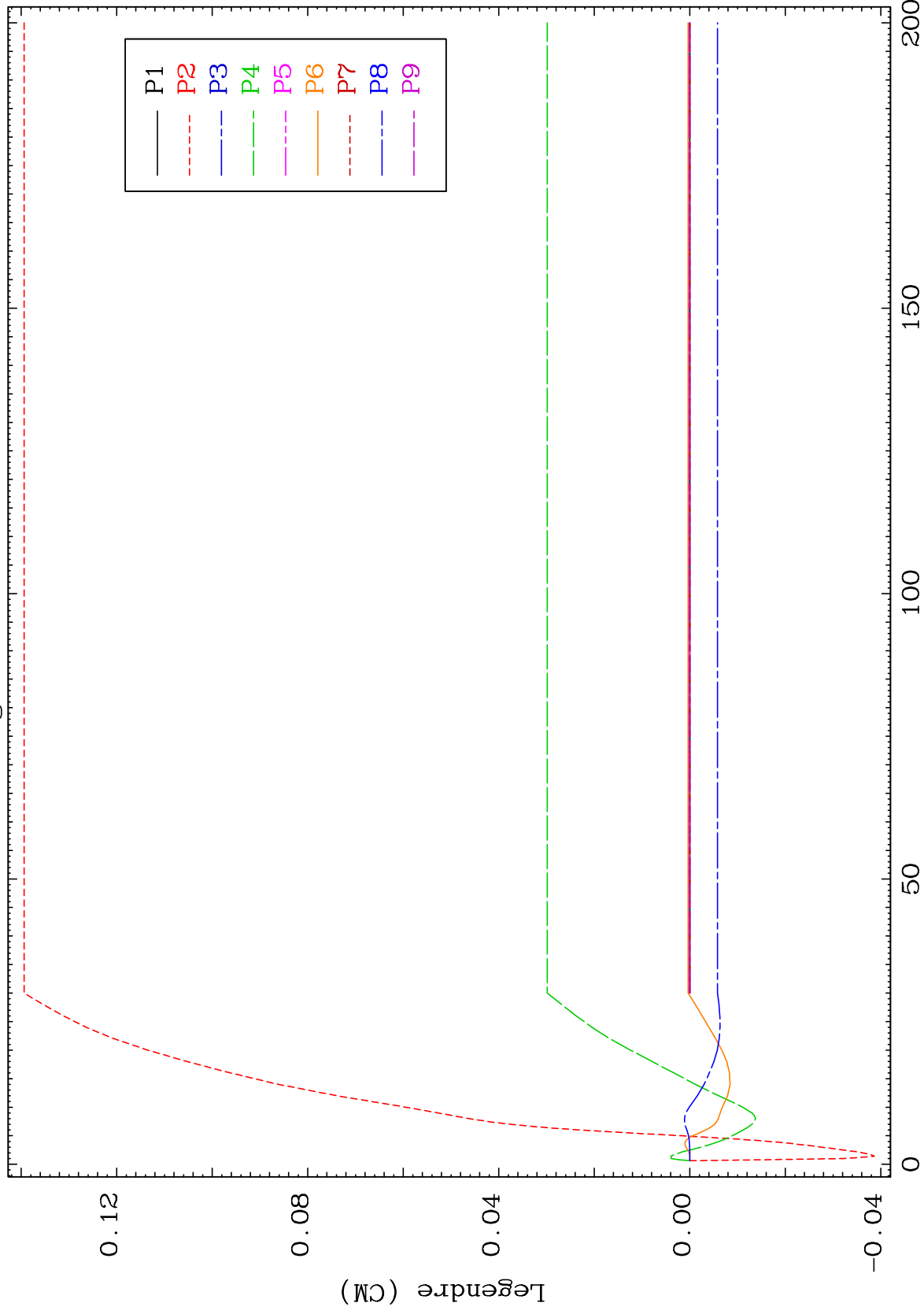
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



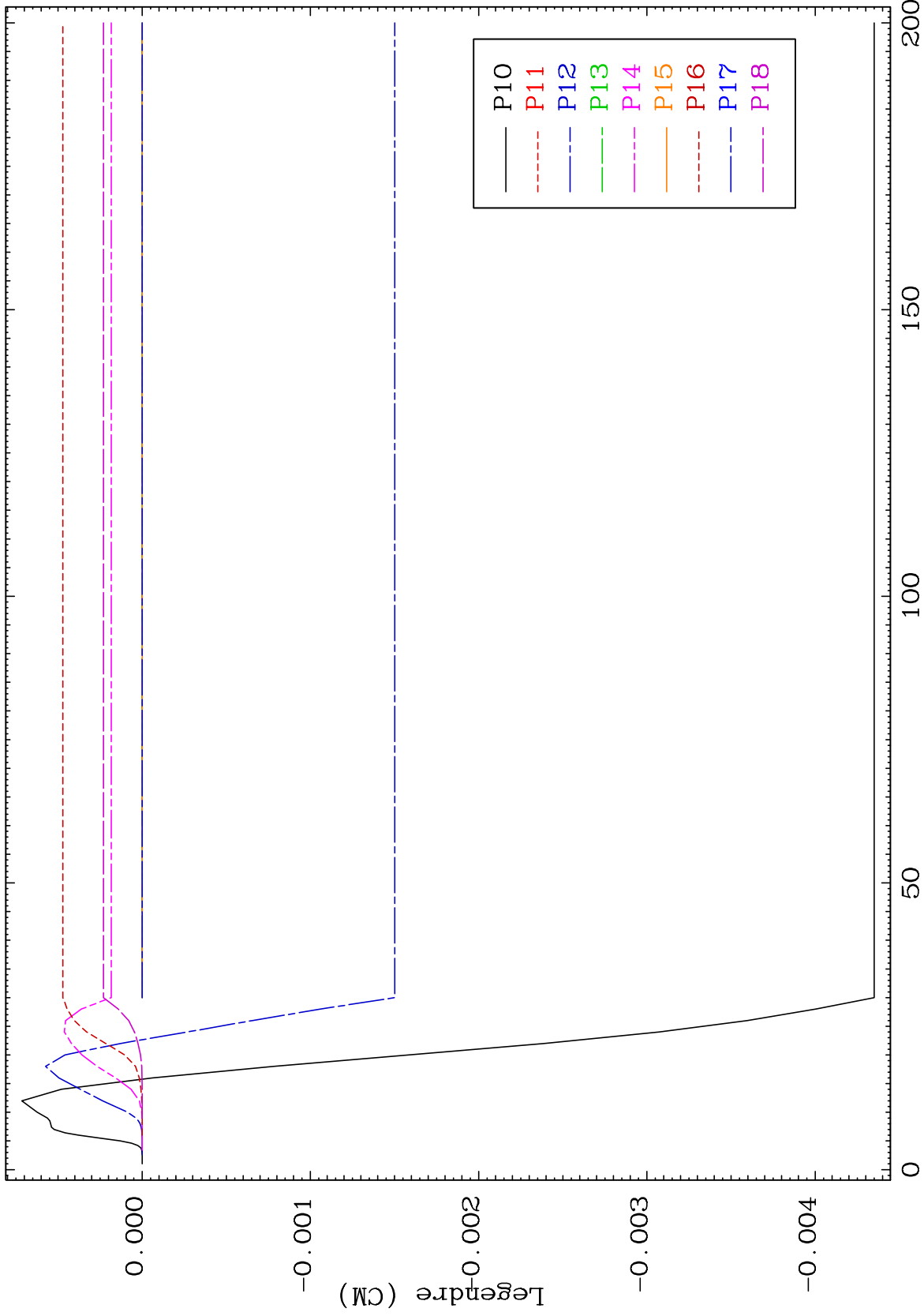
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72-Hf-164

MAT 7195

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

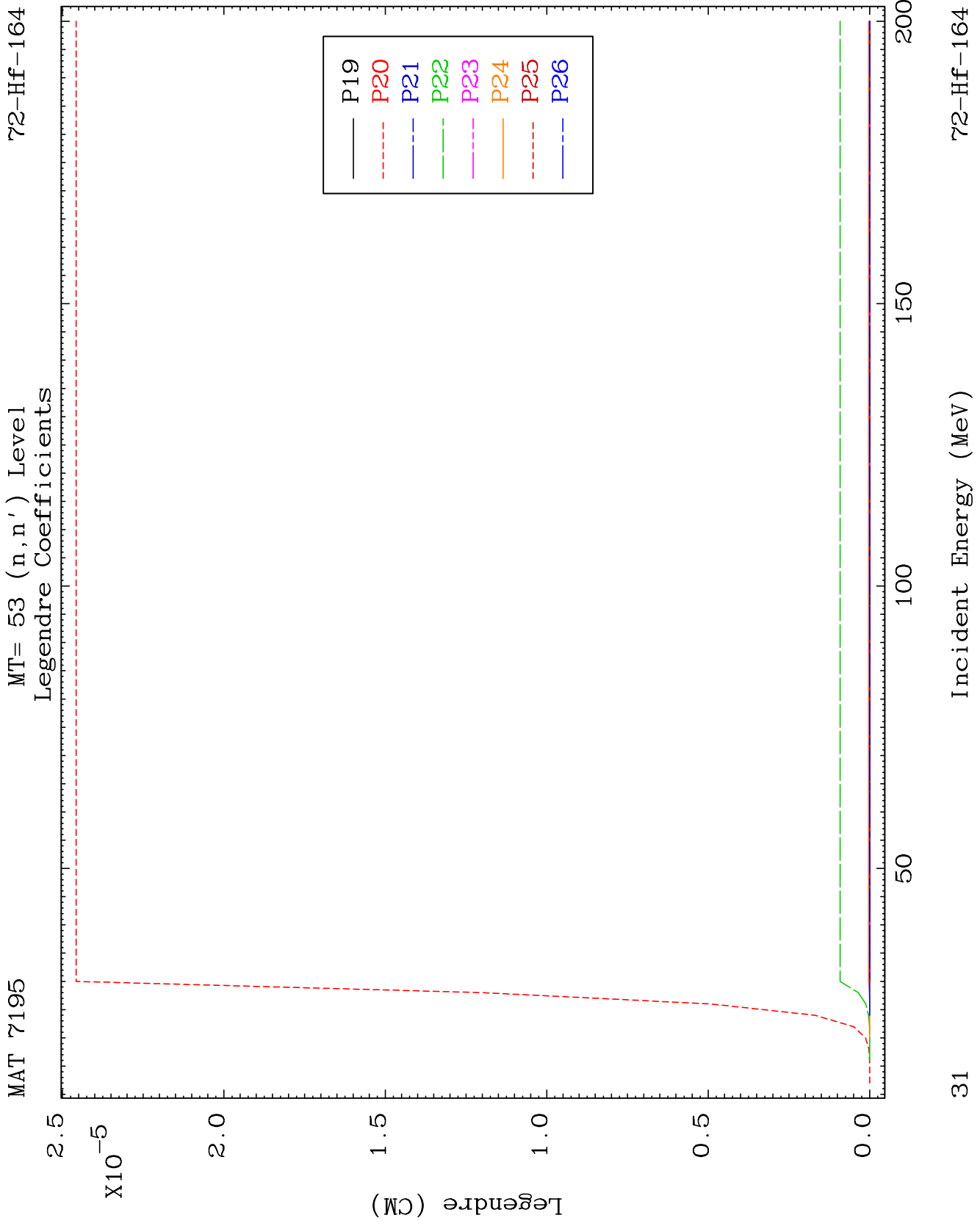
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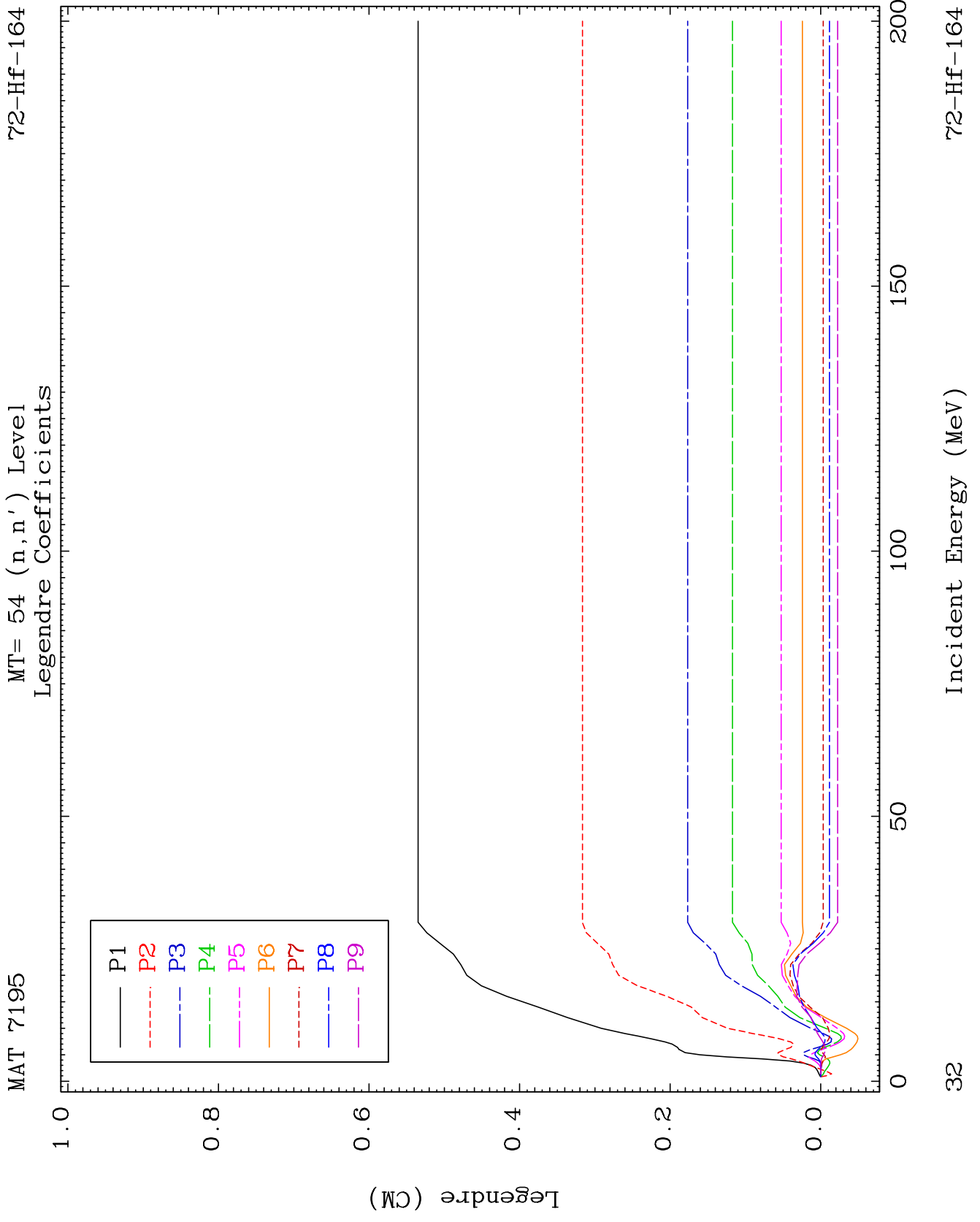


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Incident Energy (MeV)

72-Hf-164

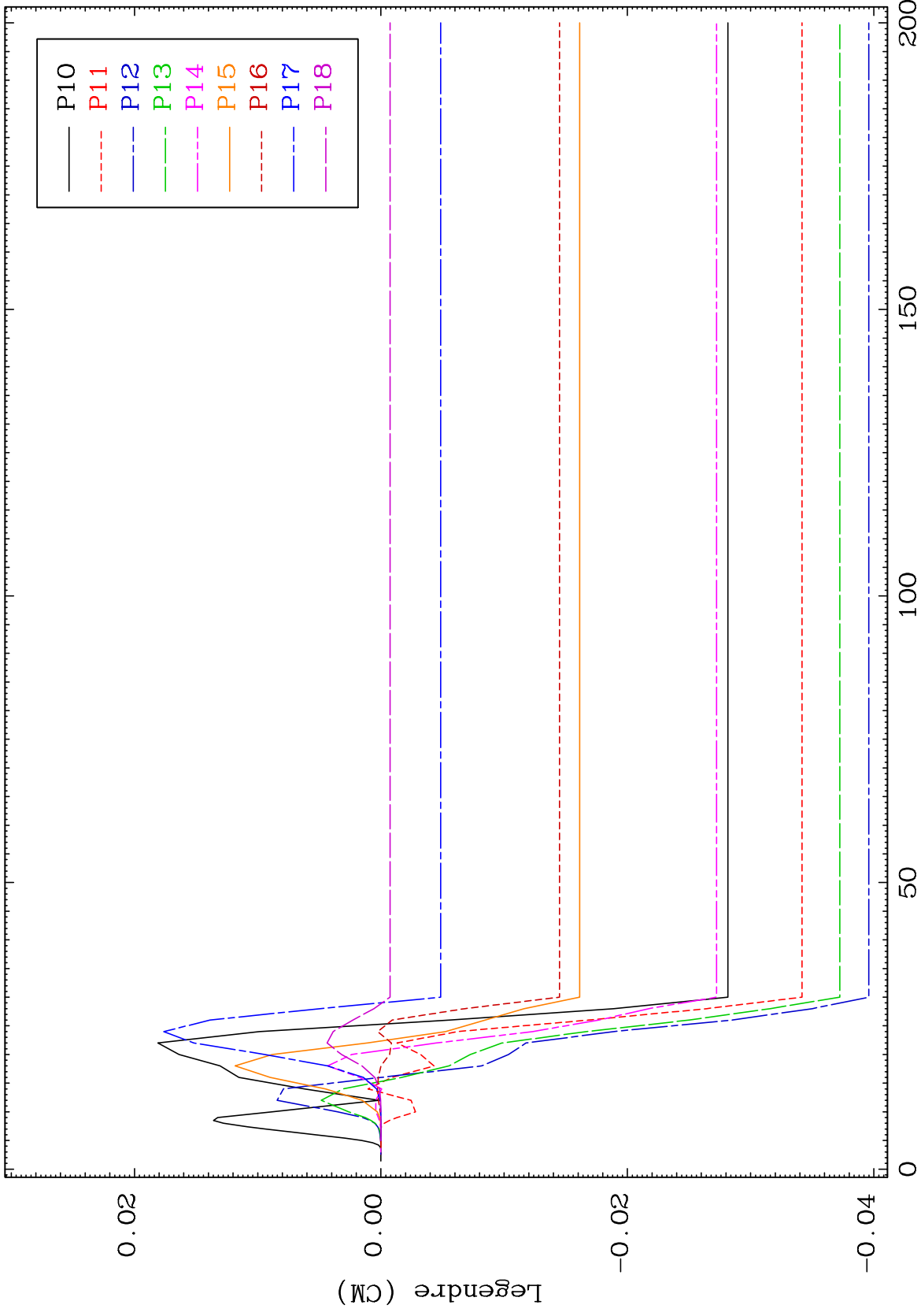




MAT 7195

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

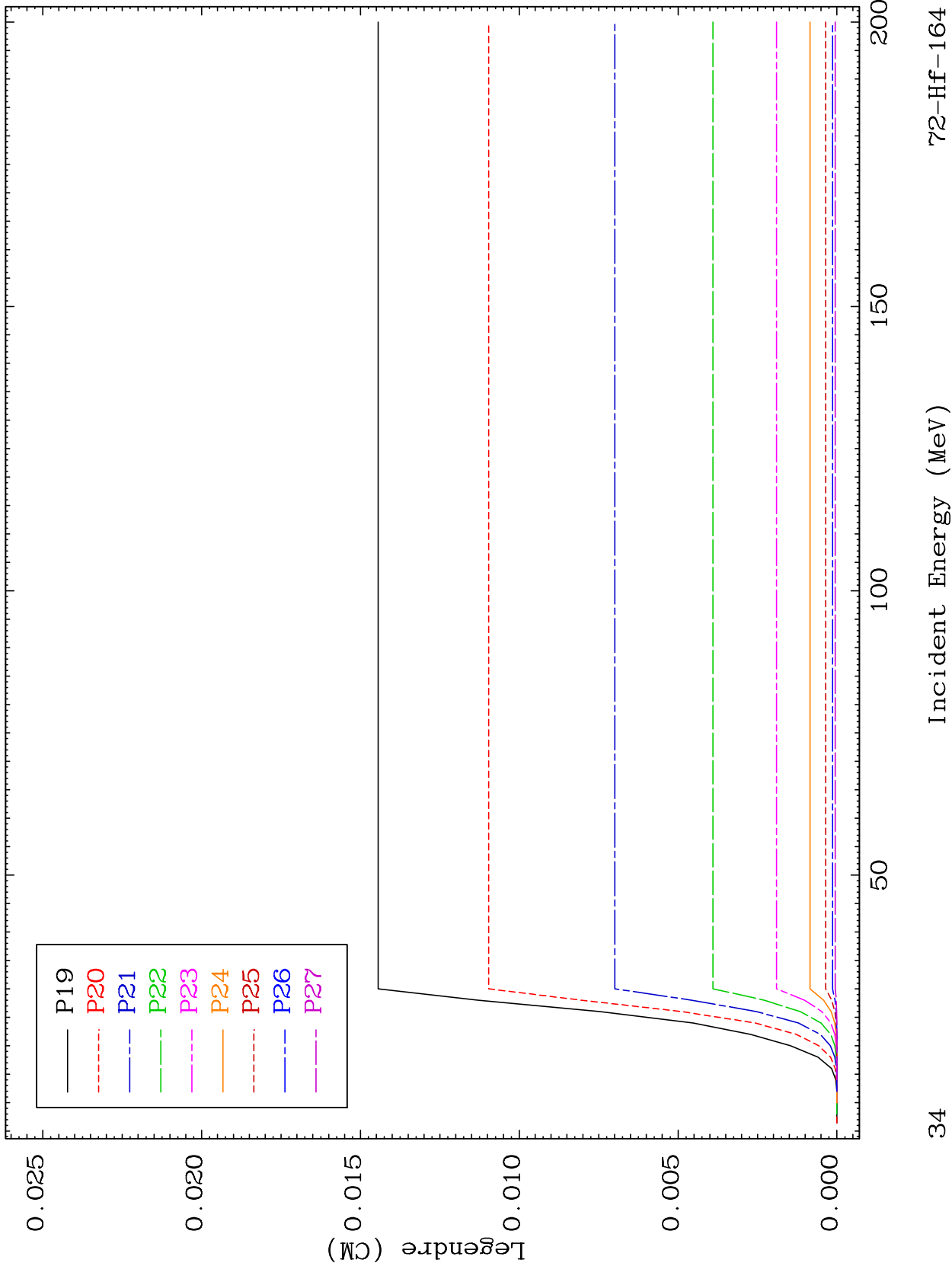
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33

Incident Energy (MeV)

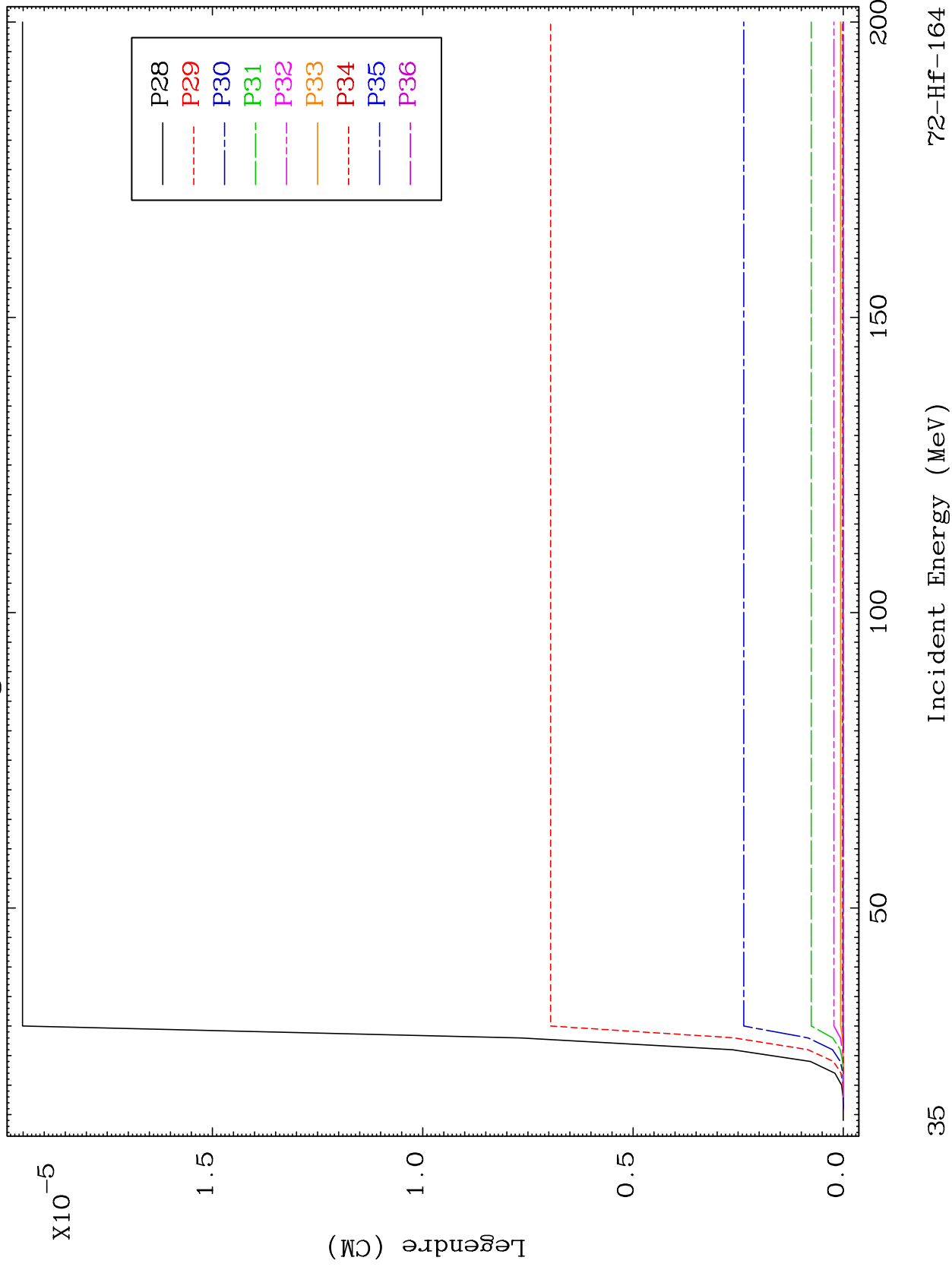
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MAT 7195

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

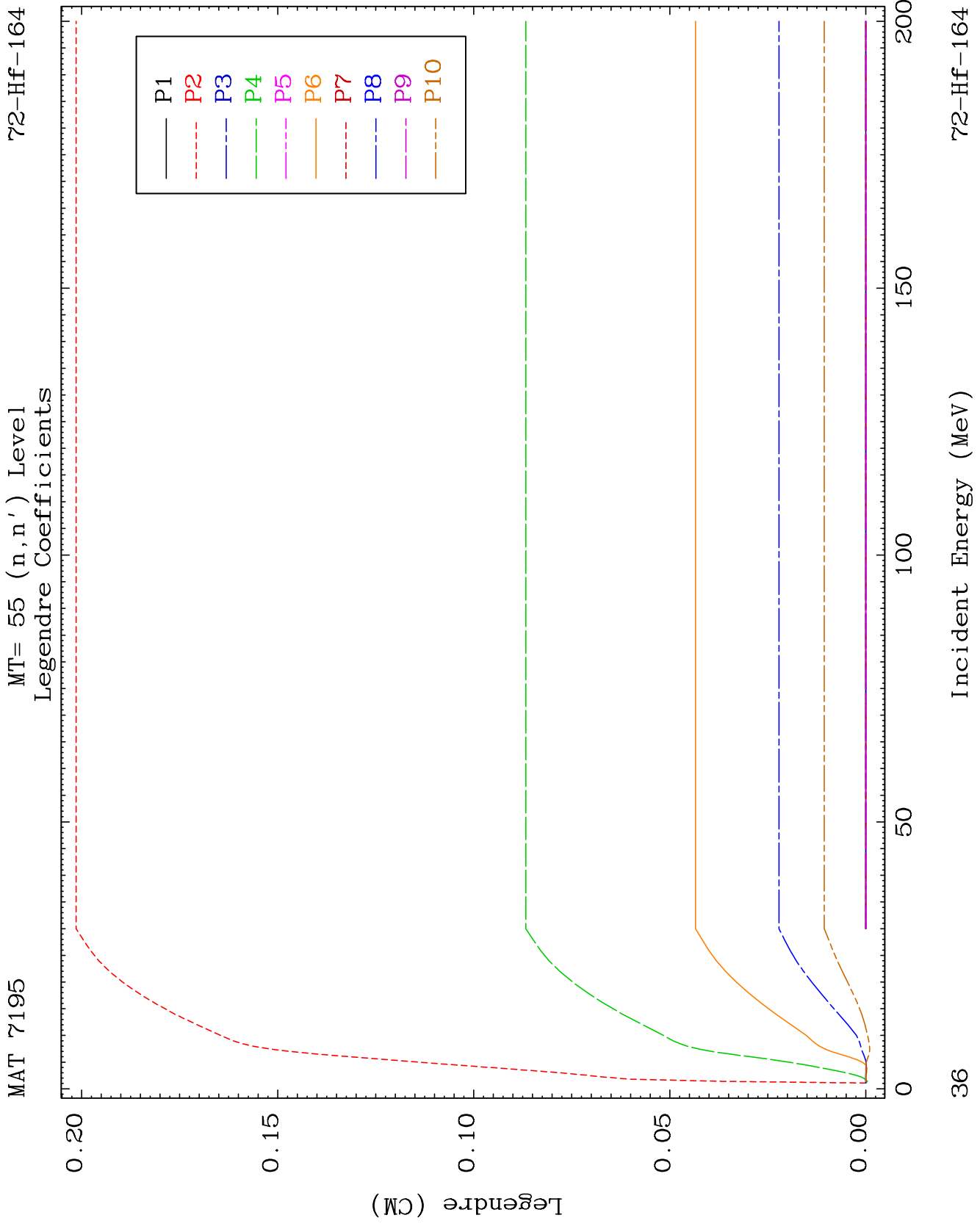
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35

Incident Energy (MeV)

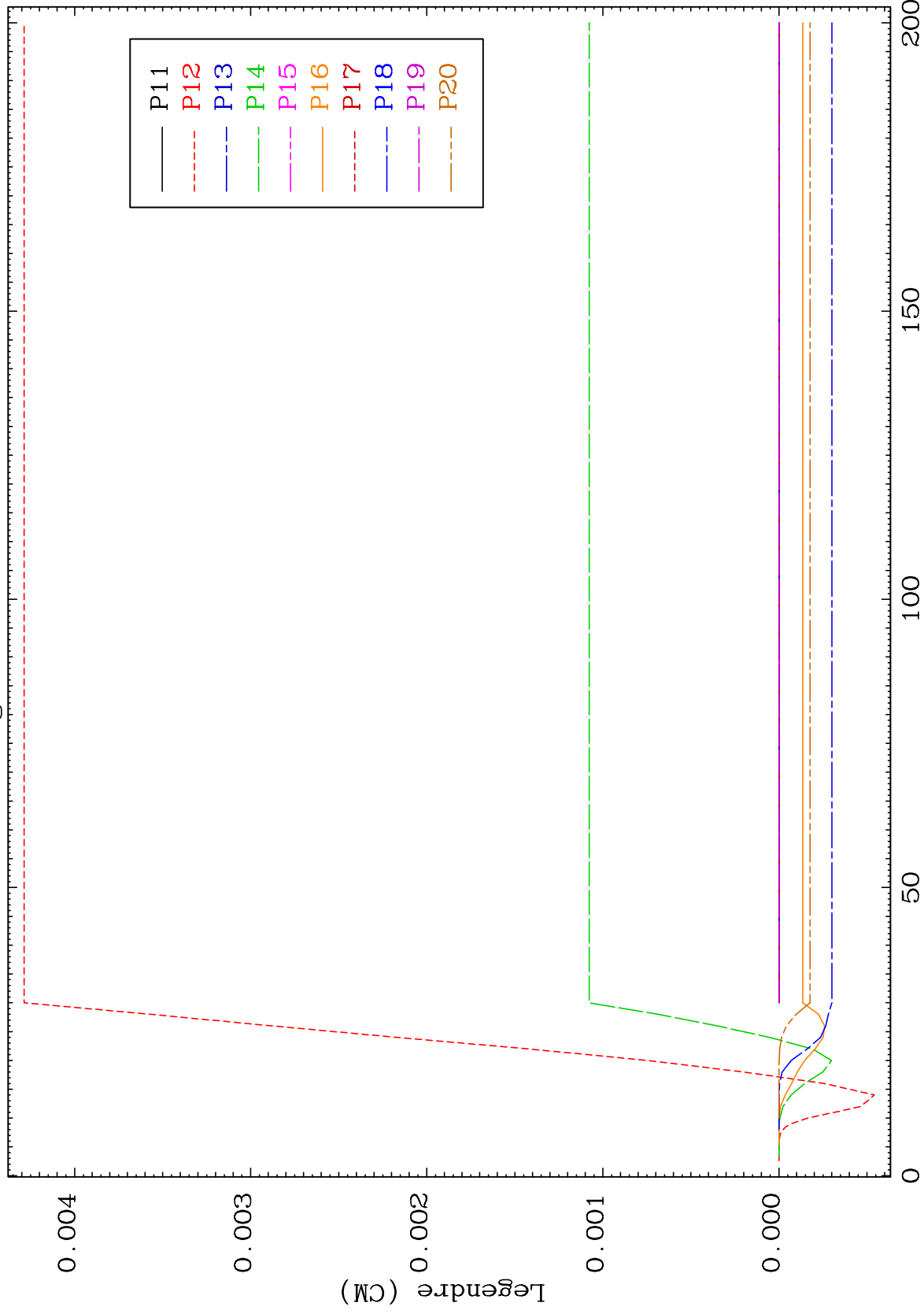
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MAT 7195

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

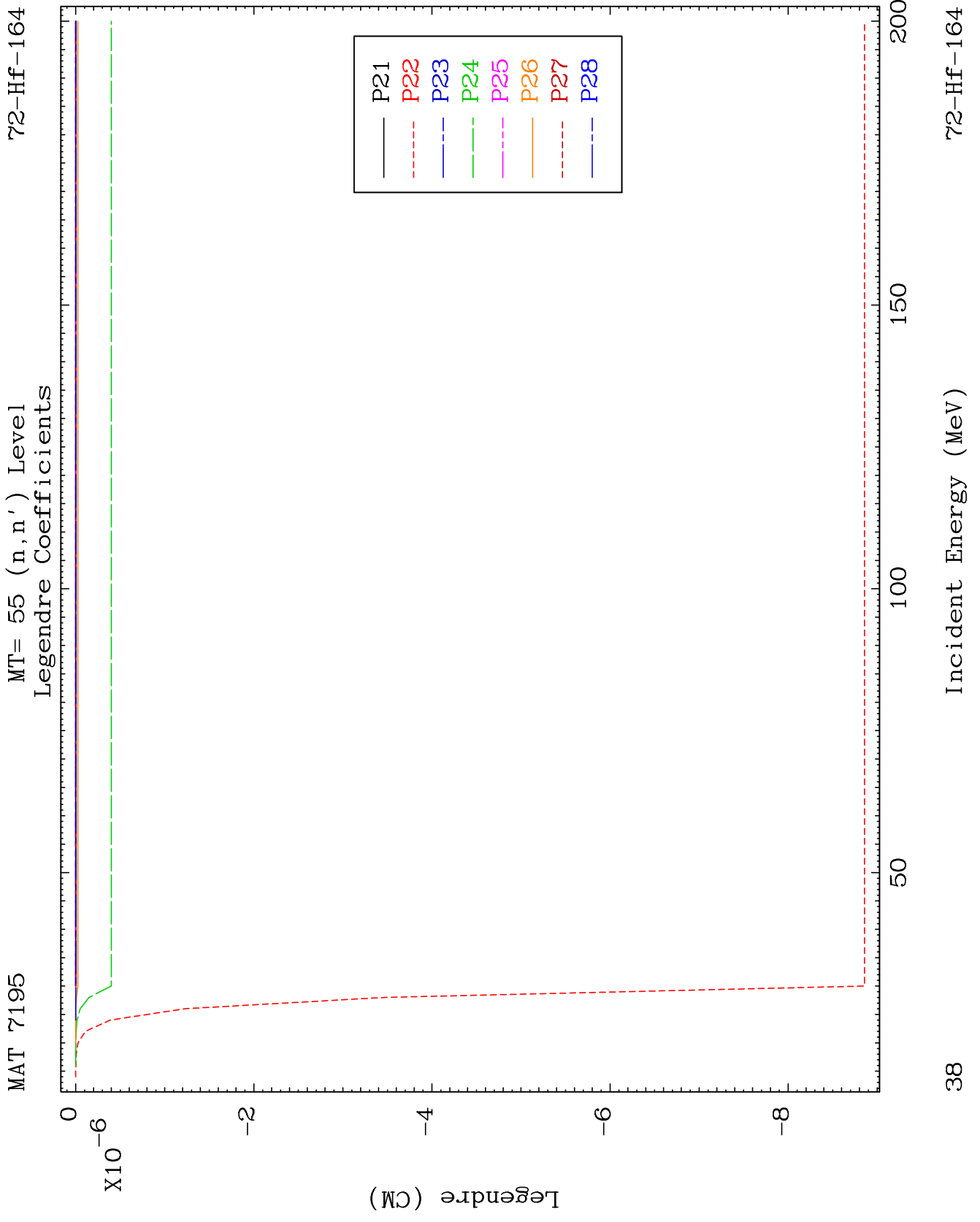
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37

Incident Energy (MeV)

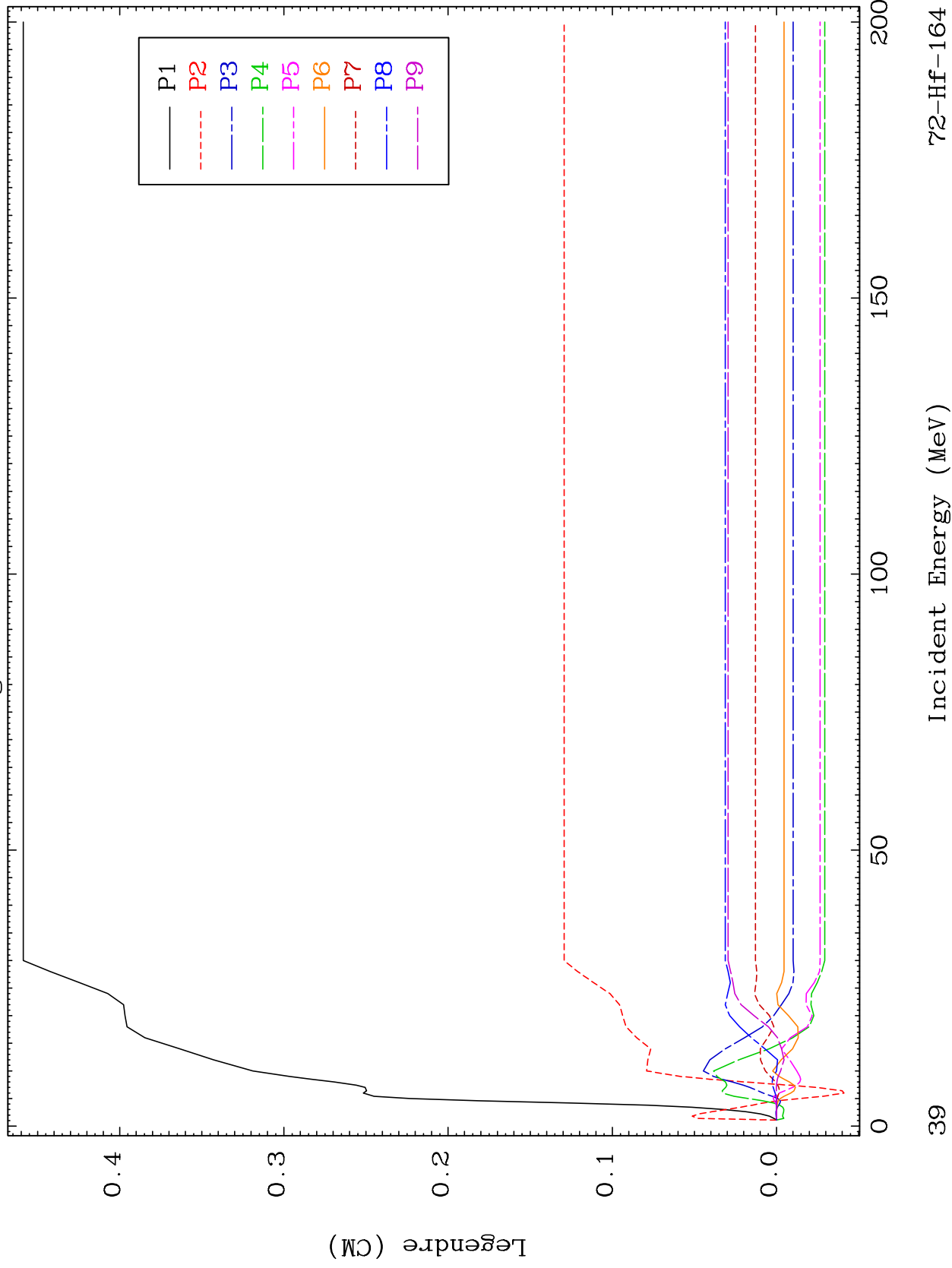
72-Hf-164



MAT 7195

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

72-Hf-164



39

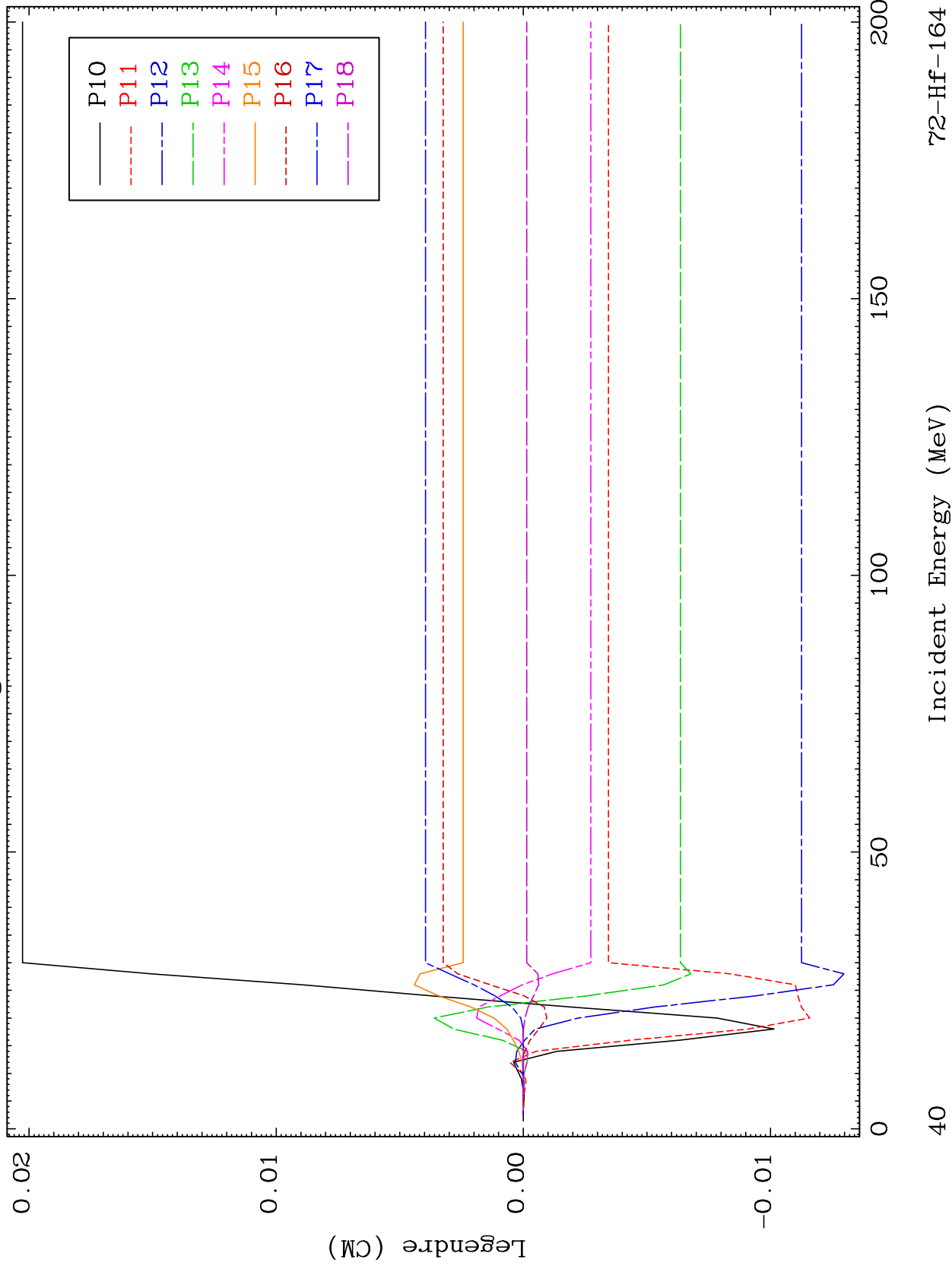
Incident Energy (MeV)

72-Hf-164

MAT 7195

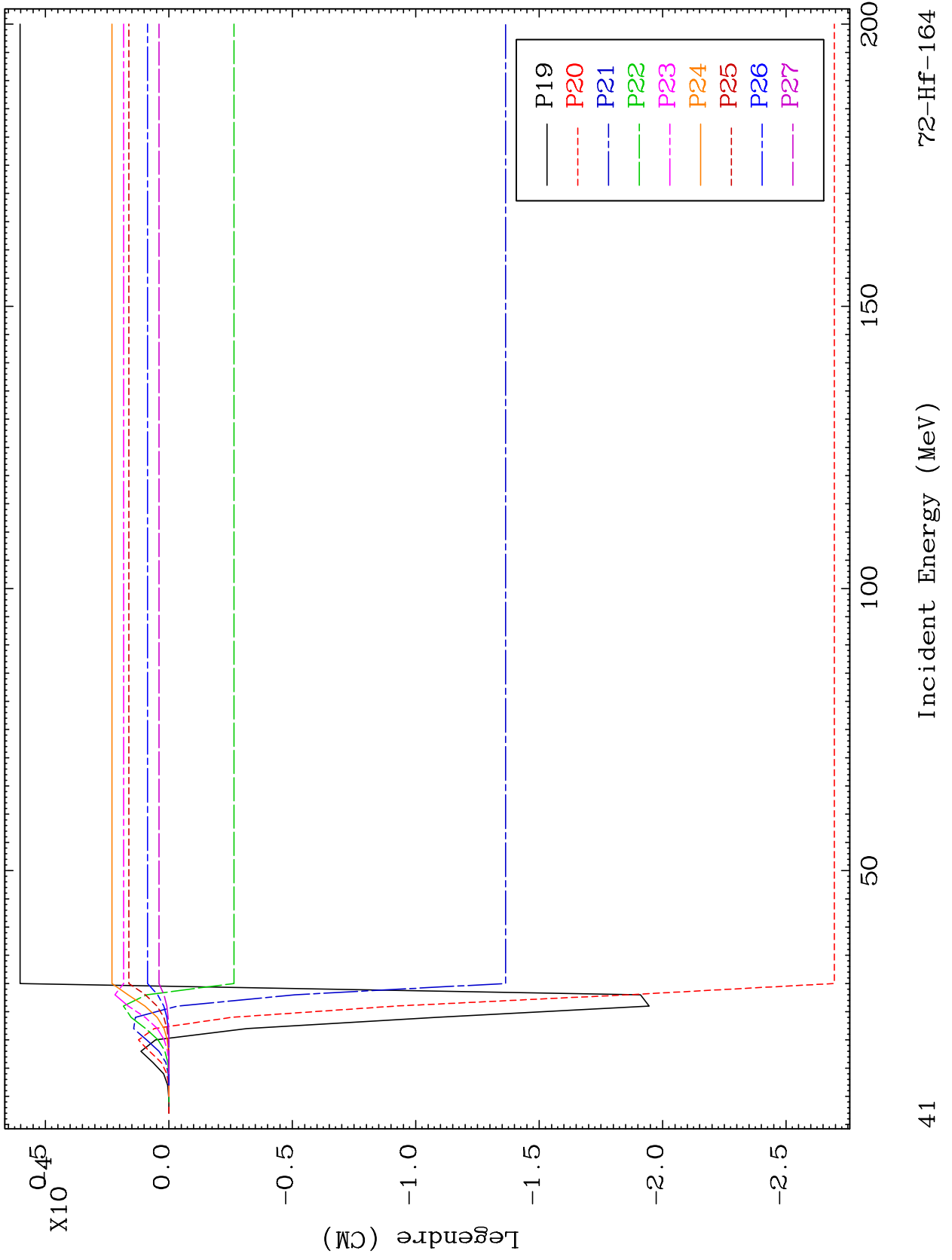
MT= 56 (n,n') Level
Legendre Coefficients

72-Hf-164



72-Hf-164

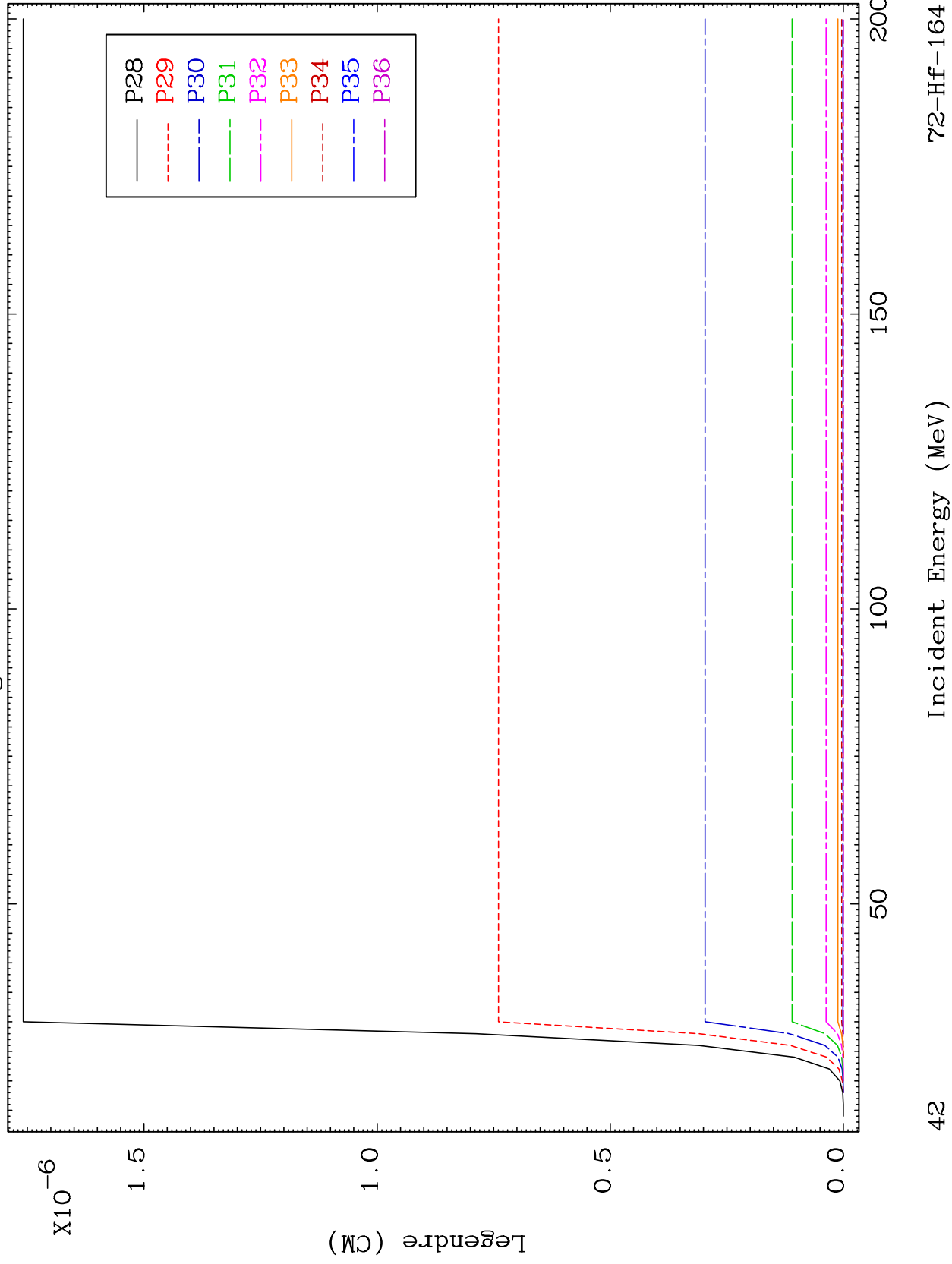
Incident Energy (MeV)



MAT 7195

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

72-Hf-164



42

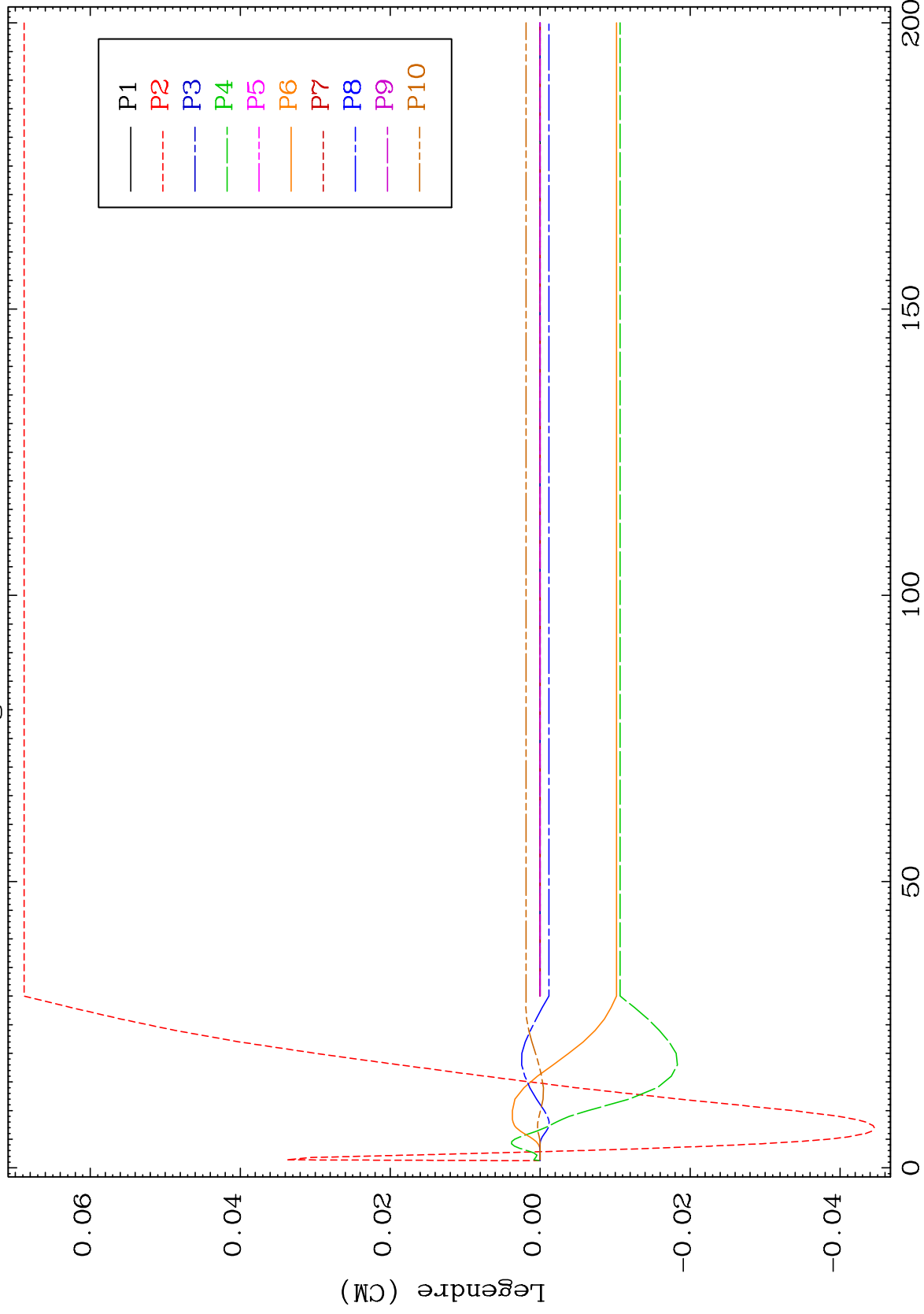
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



43

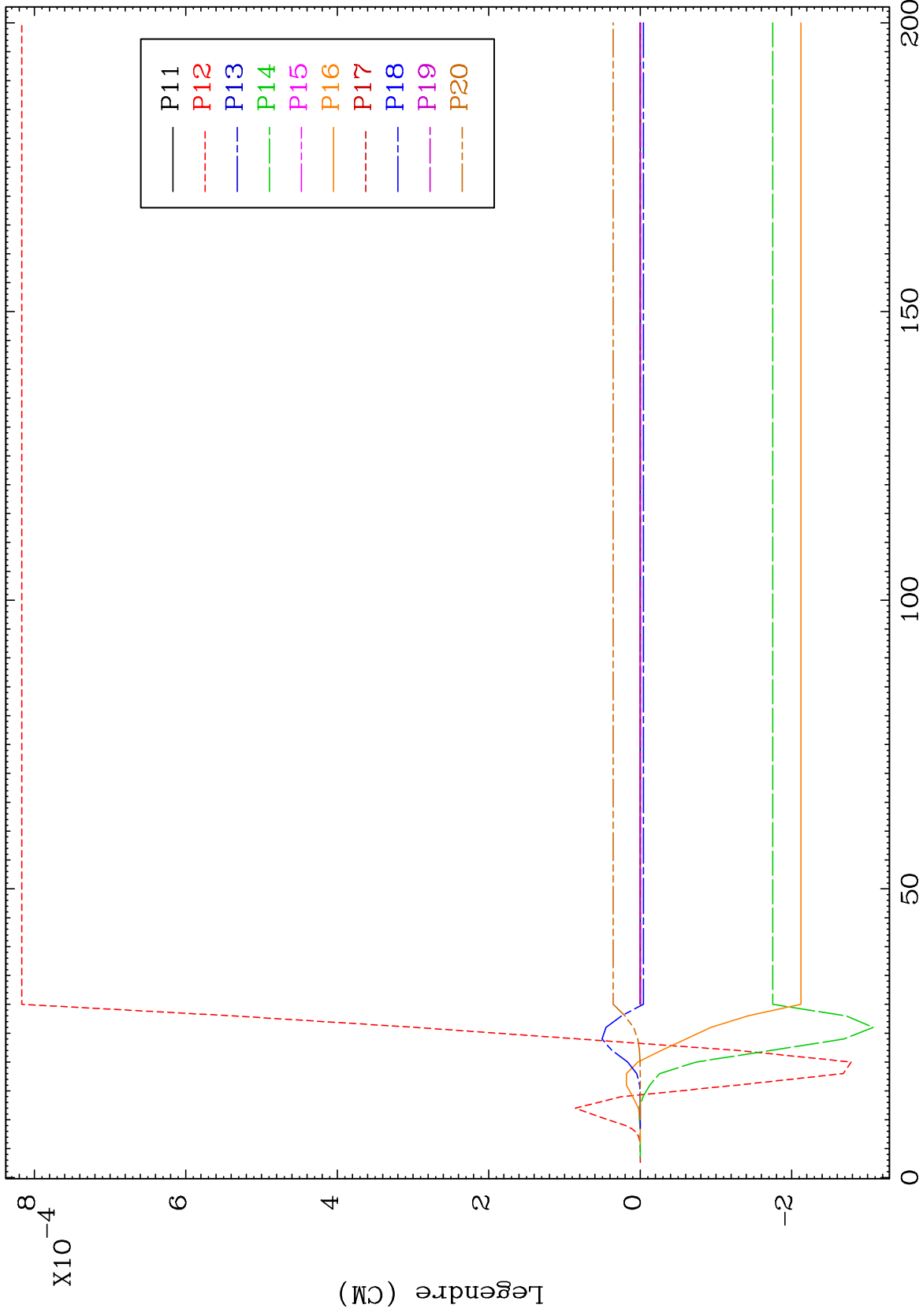
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

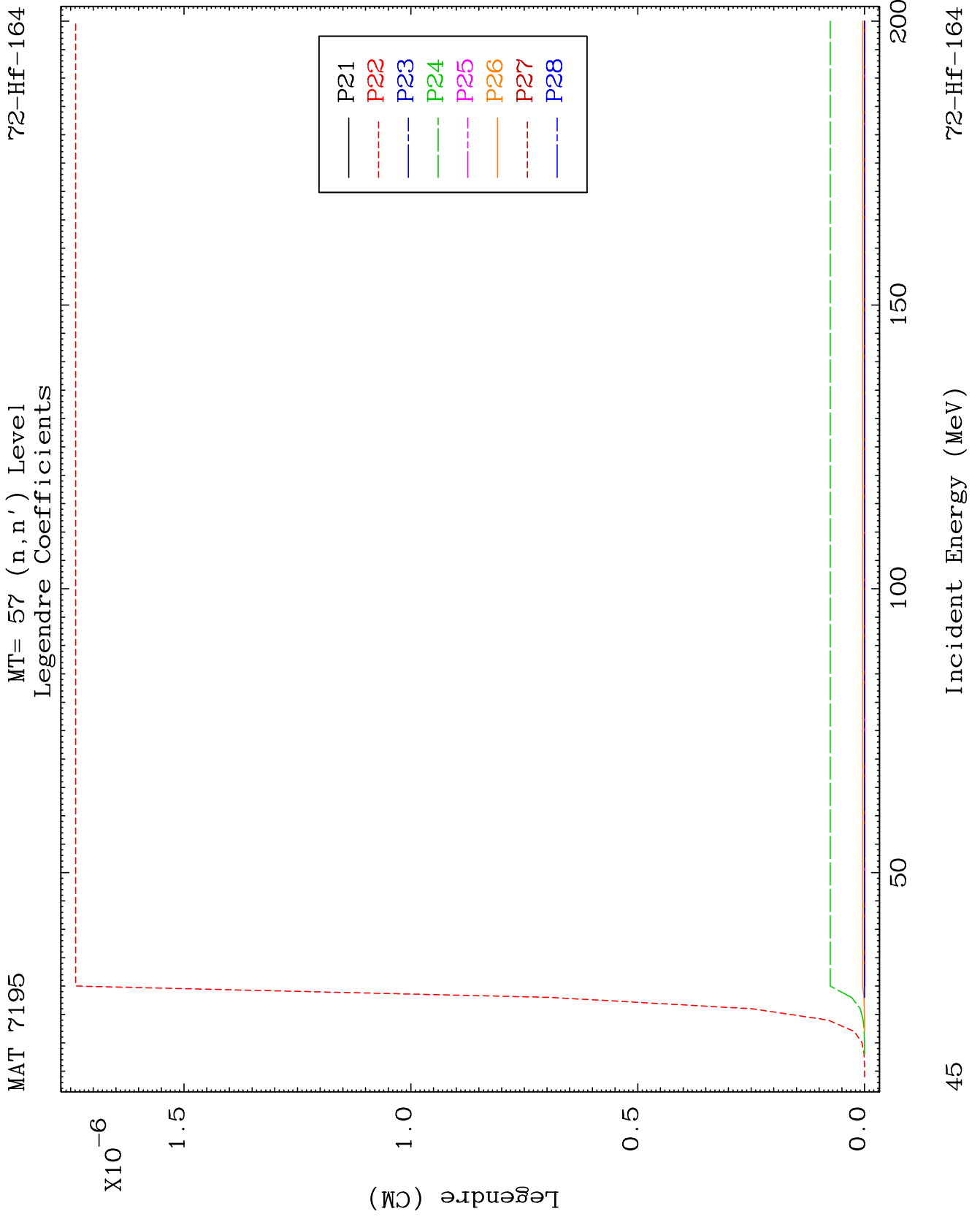
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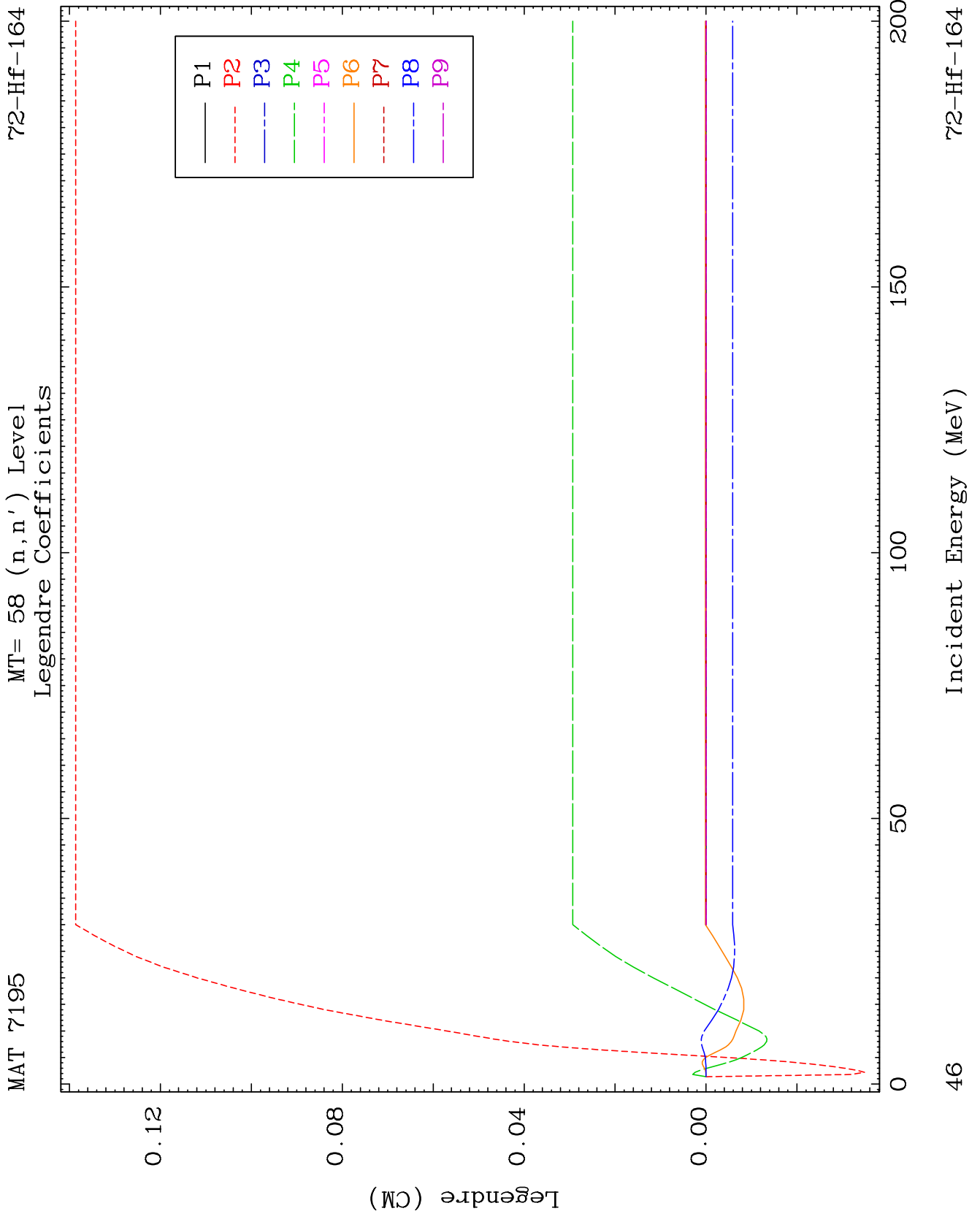


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Incident Energy (MeV)

72-Hf-164

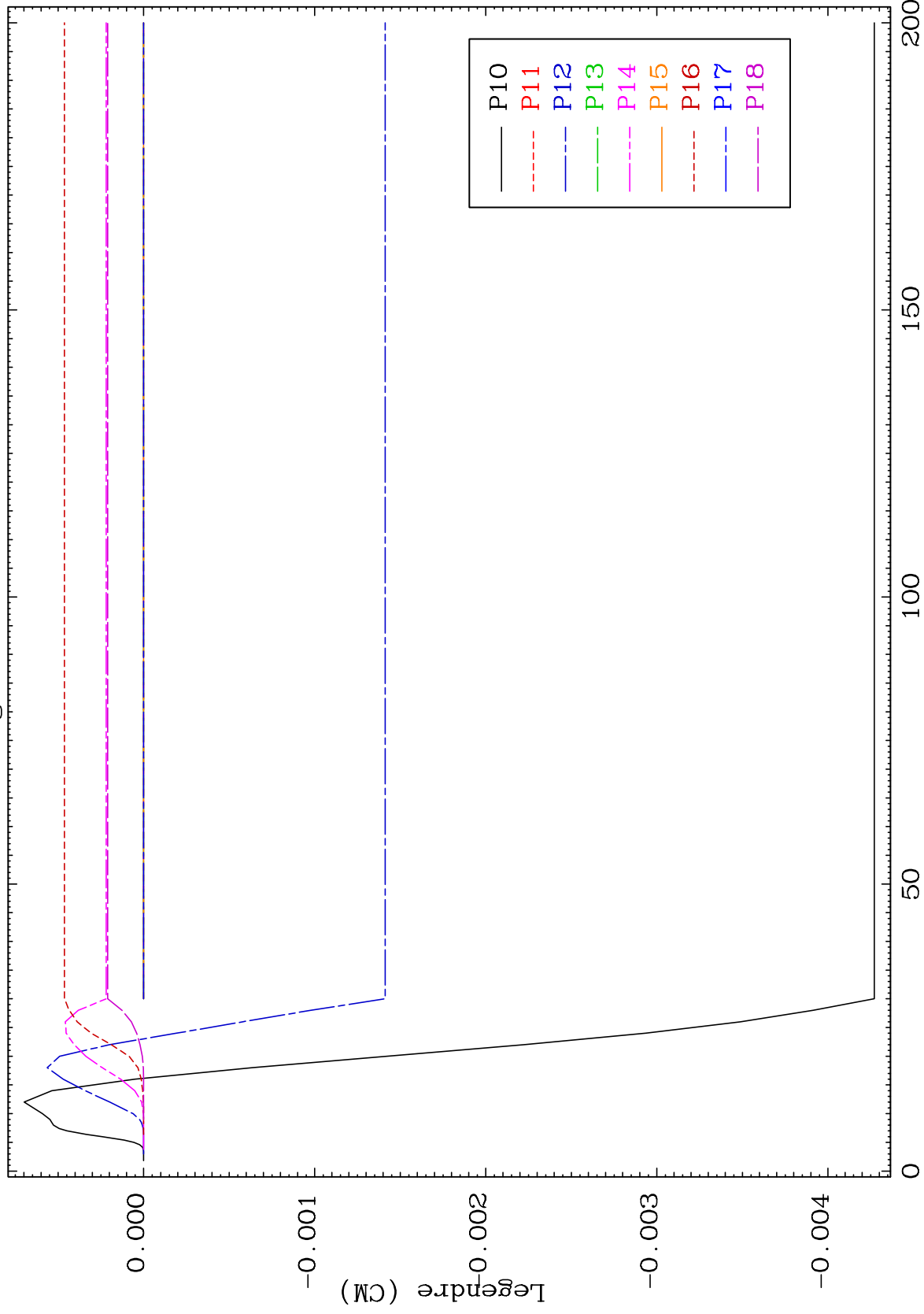




MAT 7195

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

72-Hf-164



47

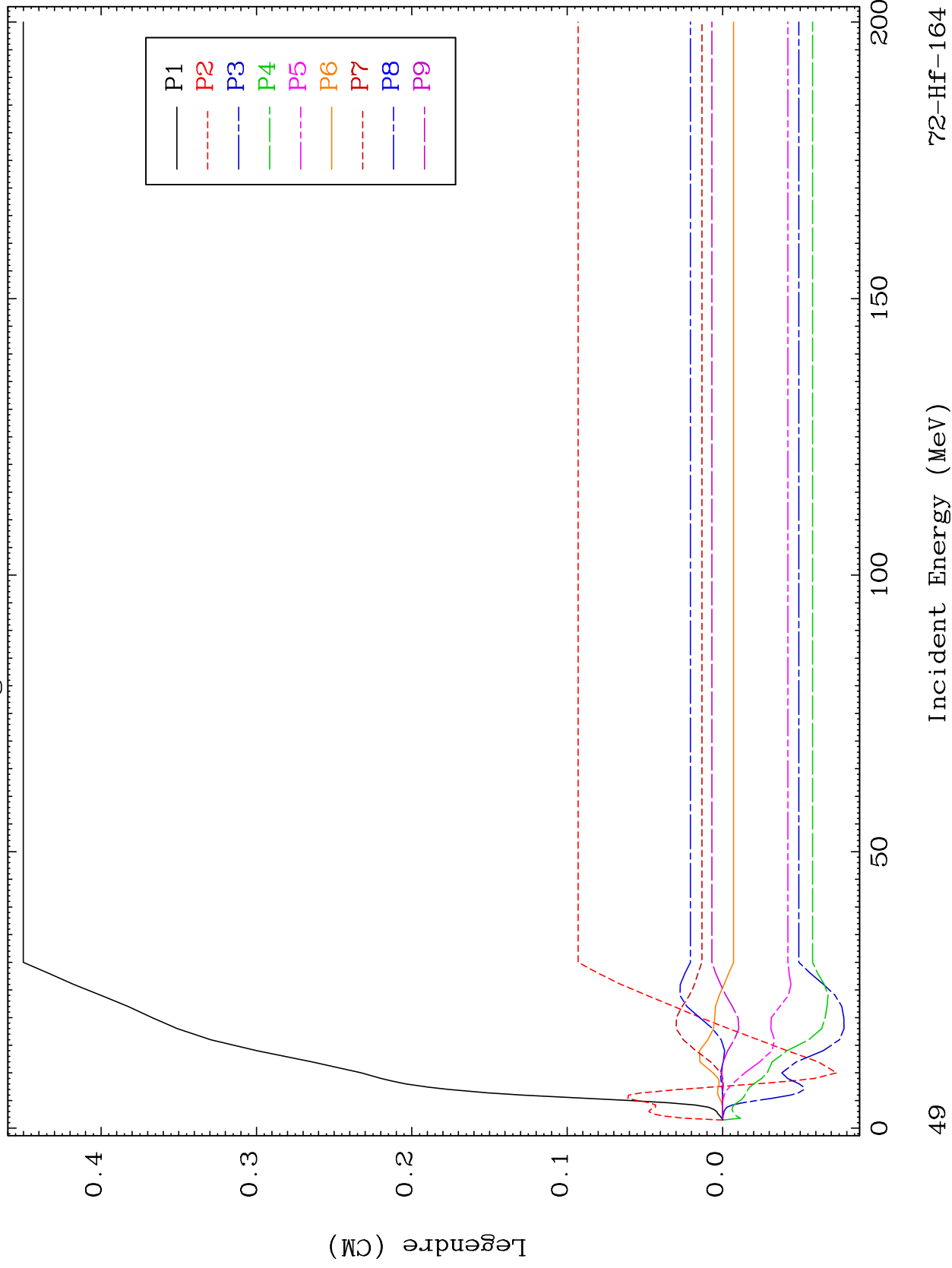
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

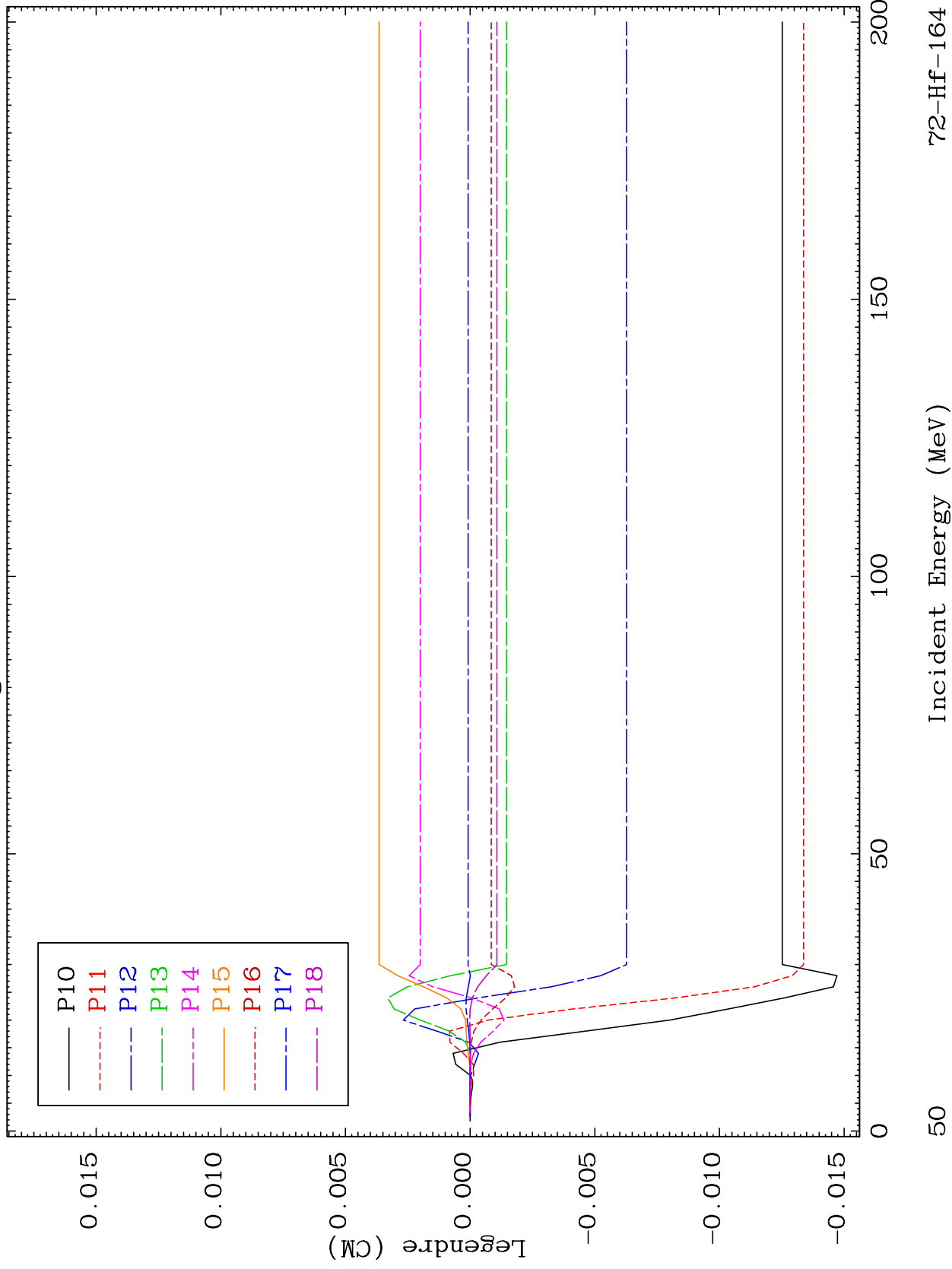
Incident Energy (MeV)

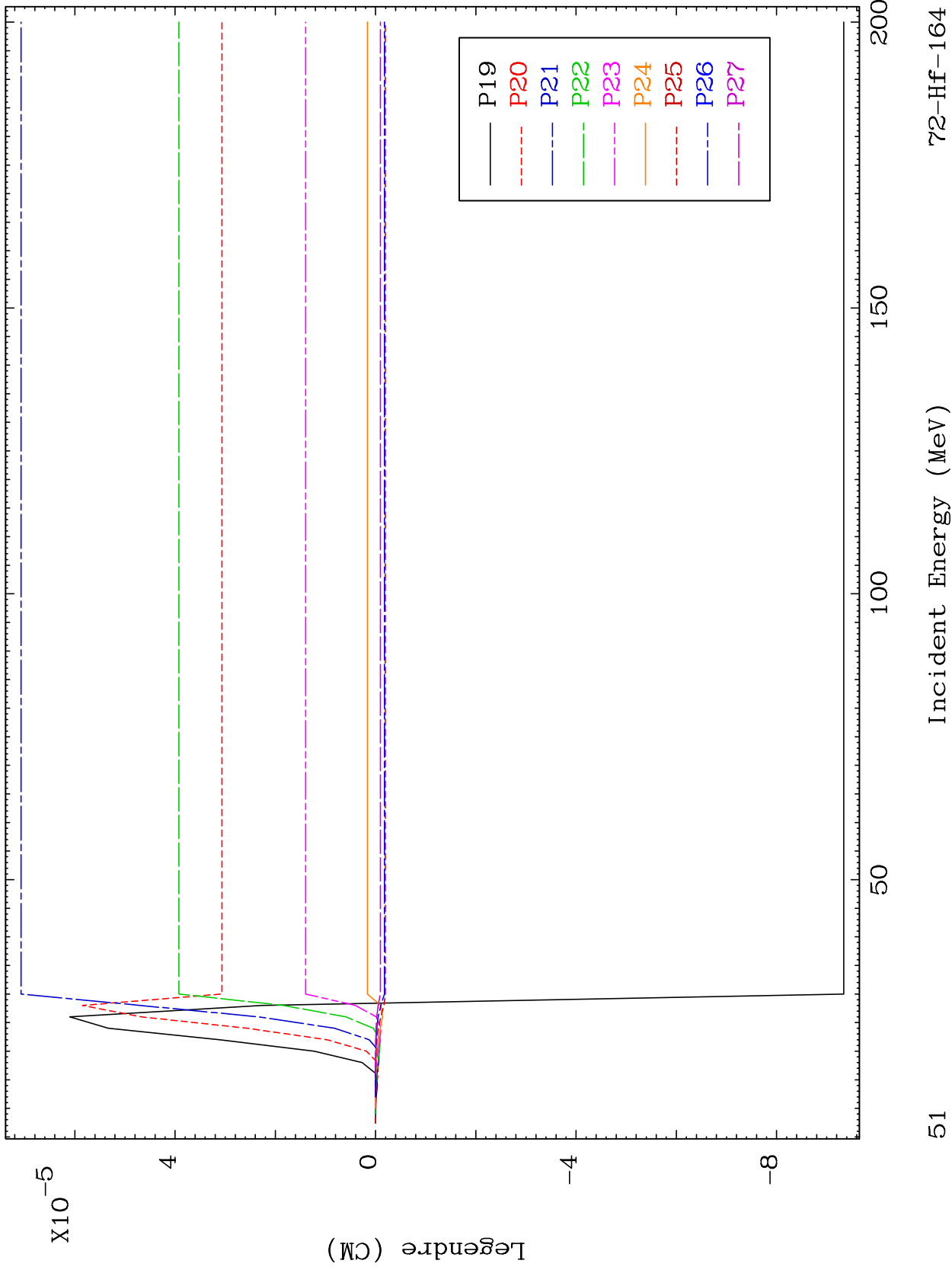
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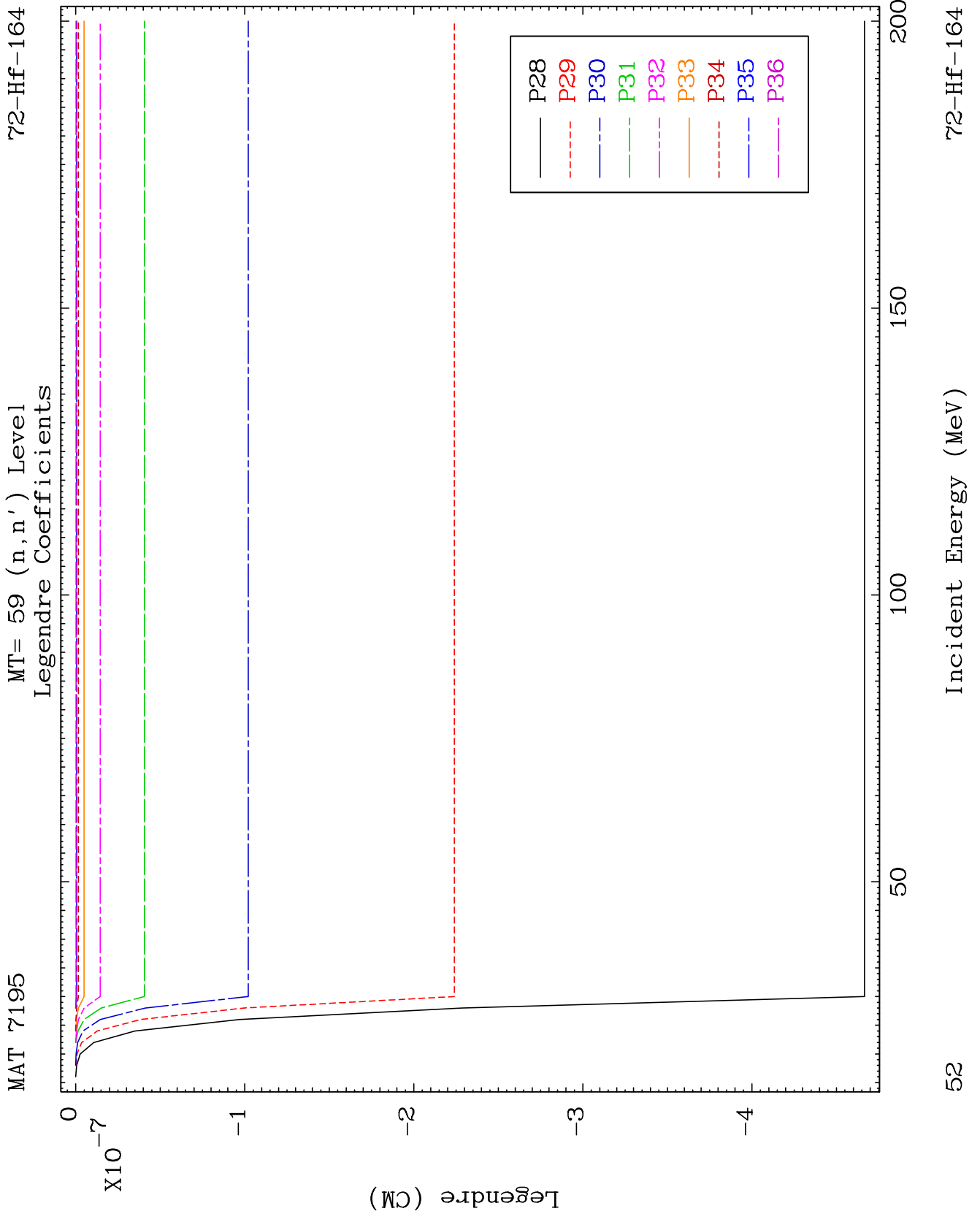
MAT 7195

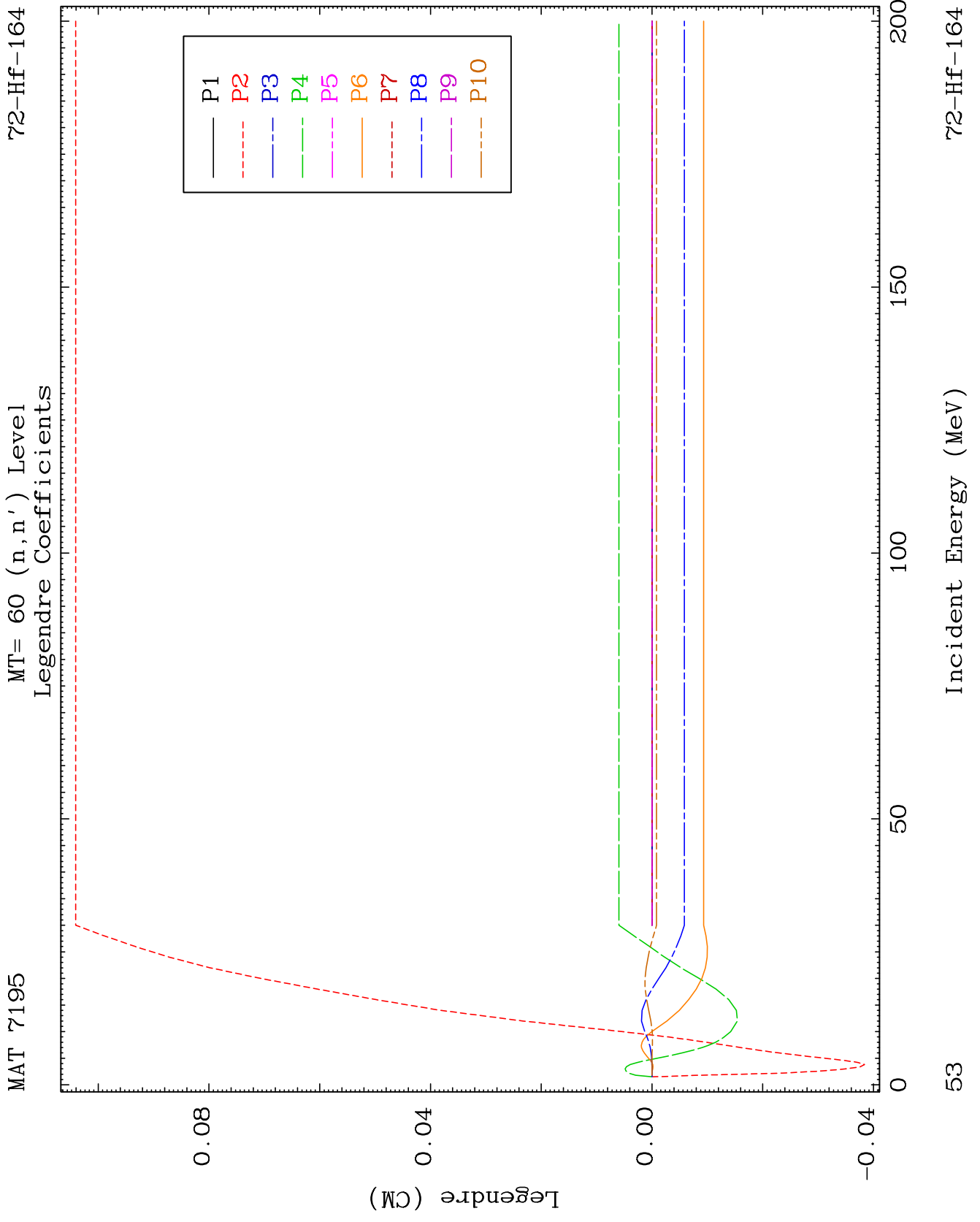
MT= 59 (n,n') Level
Legendre Coefficients

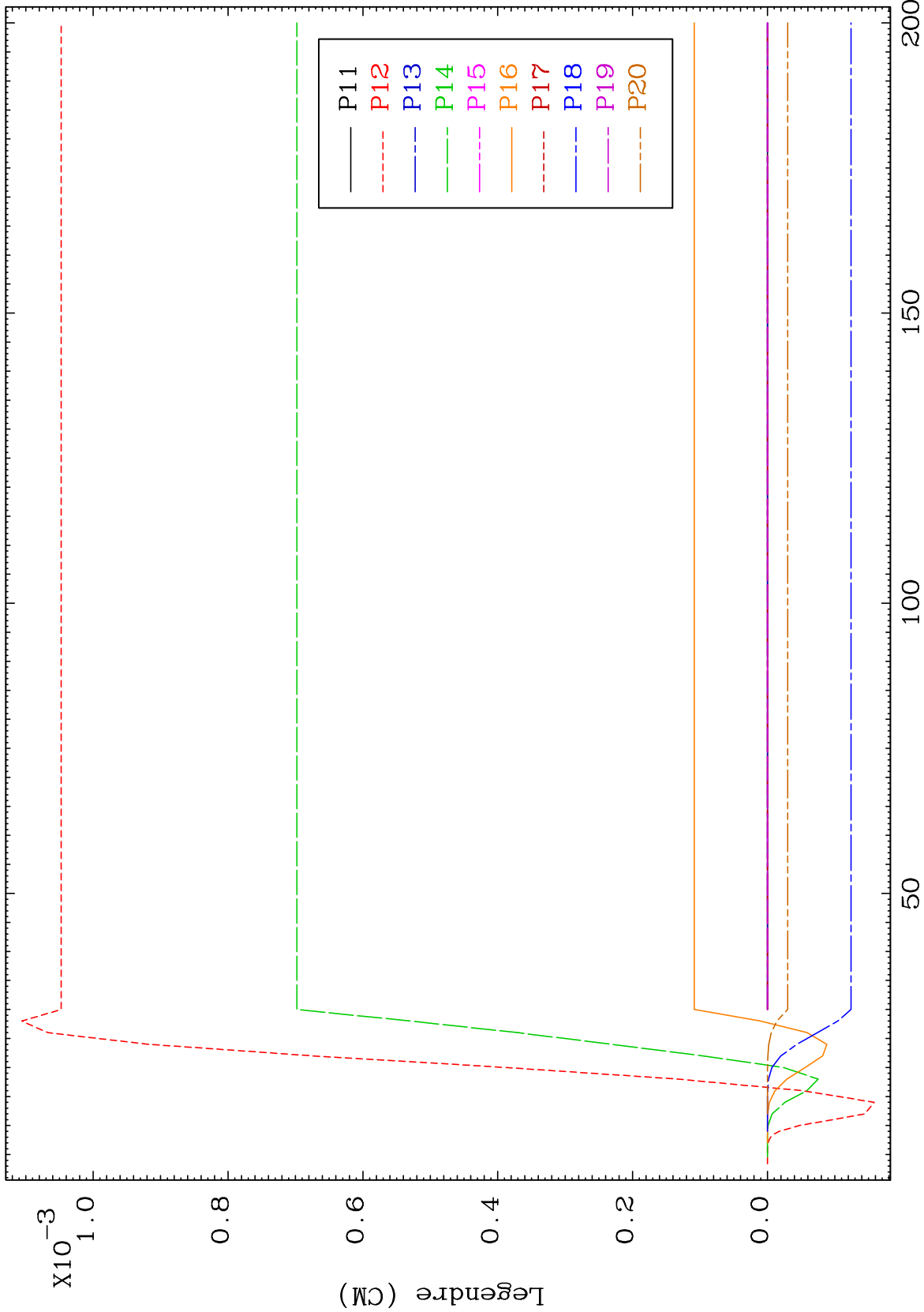
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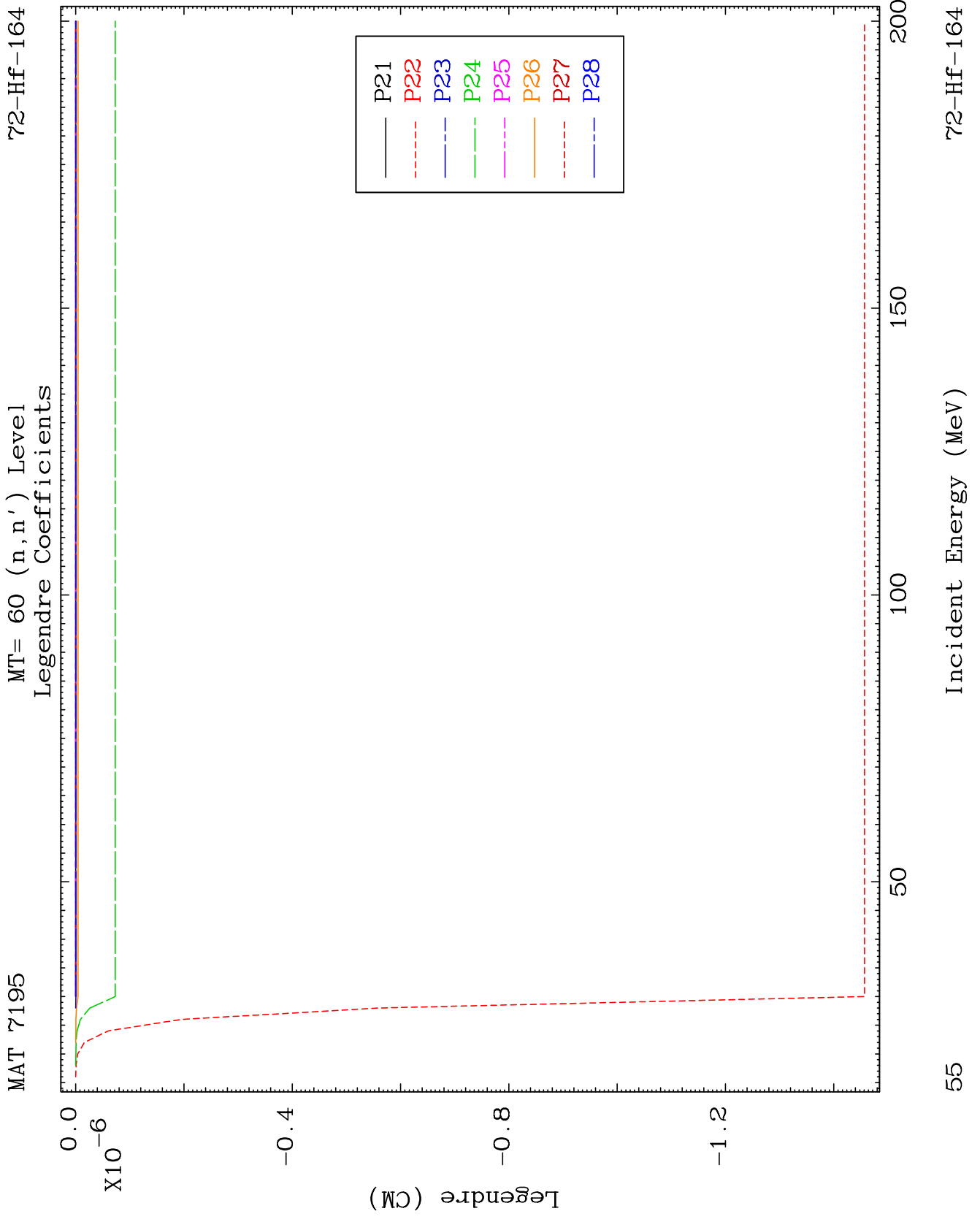


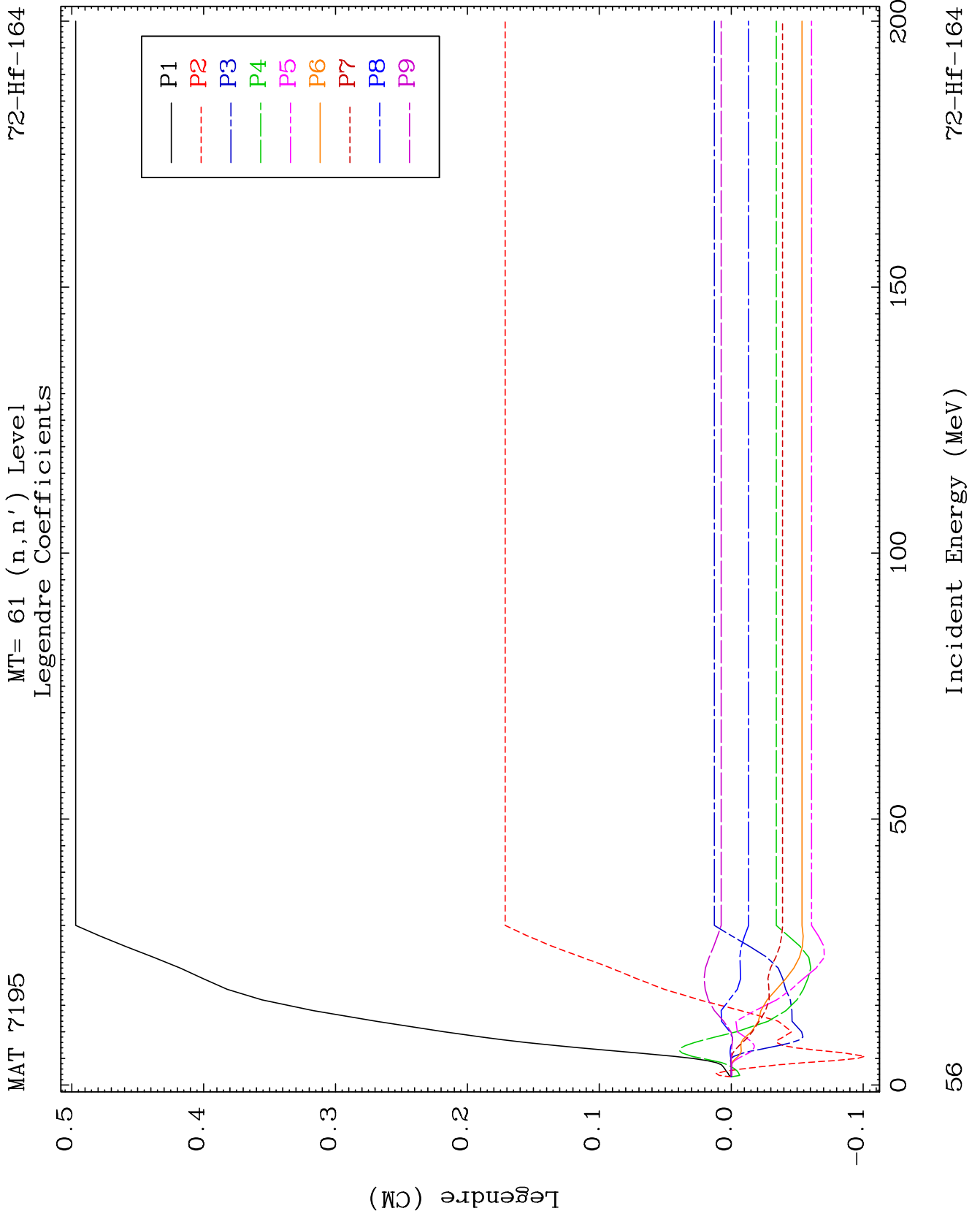








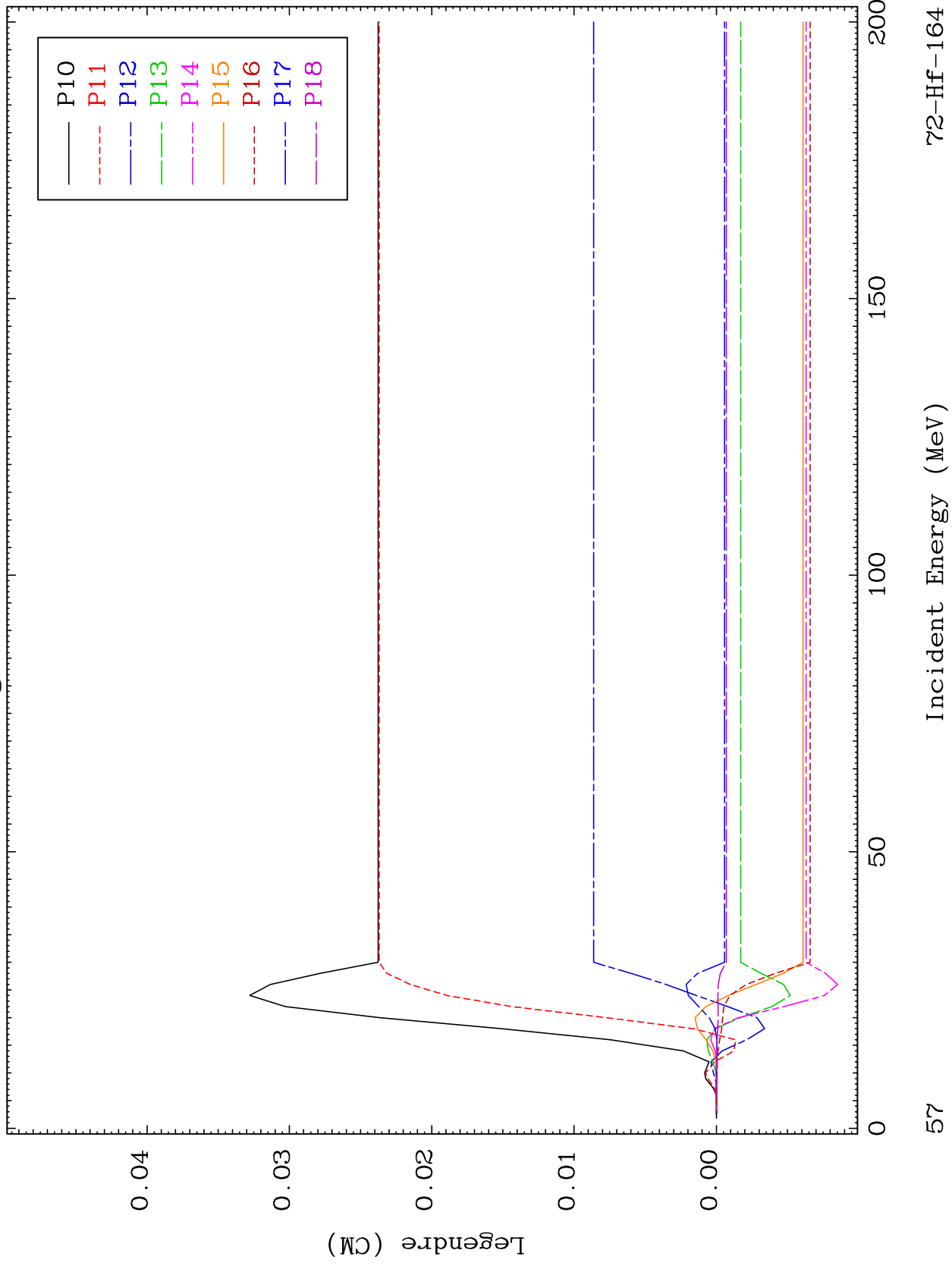




MAT 7195

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

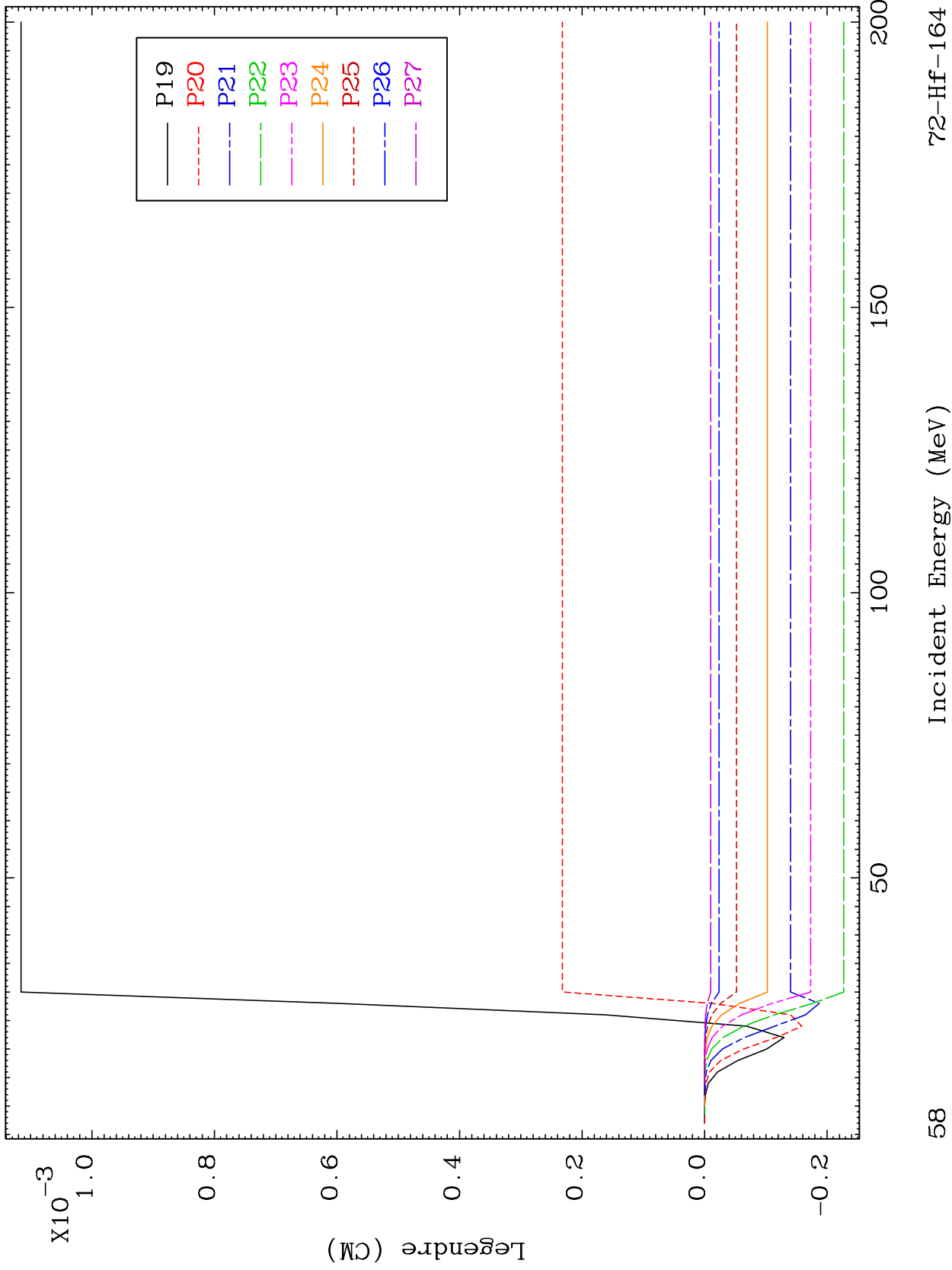
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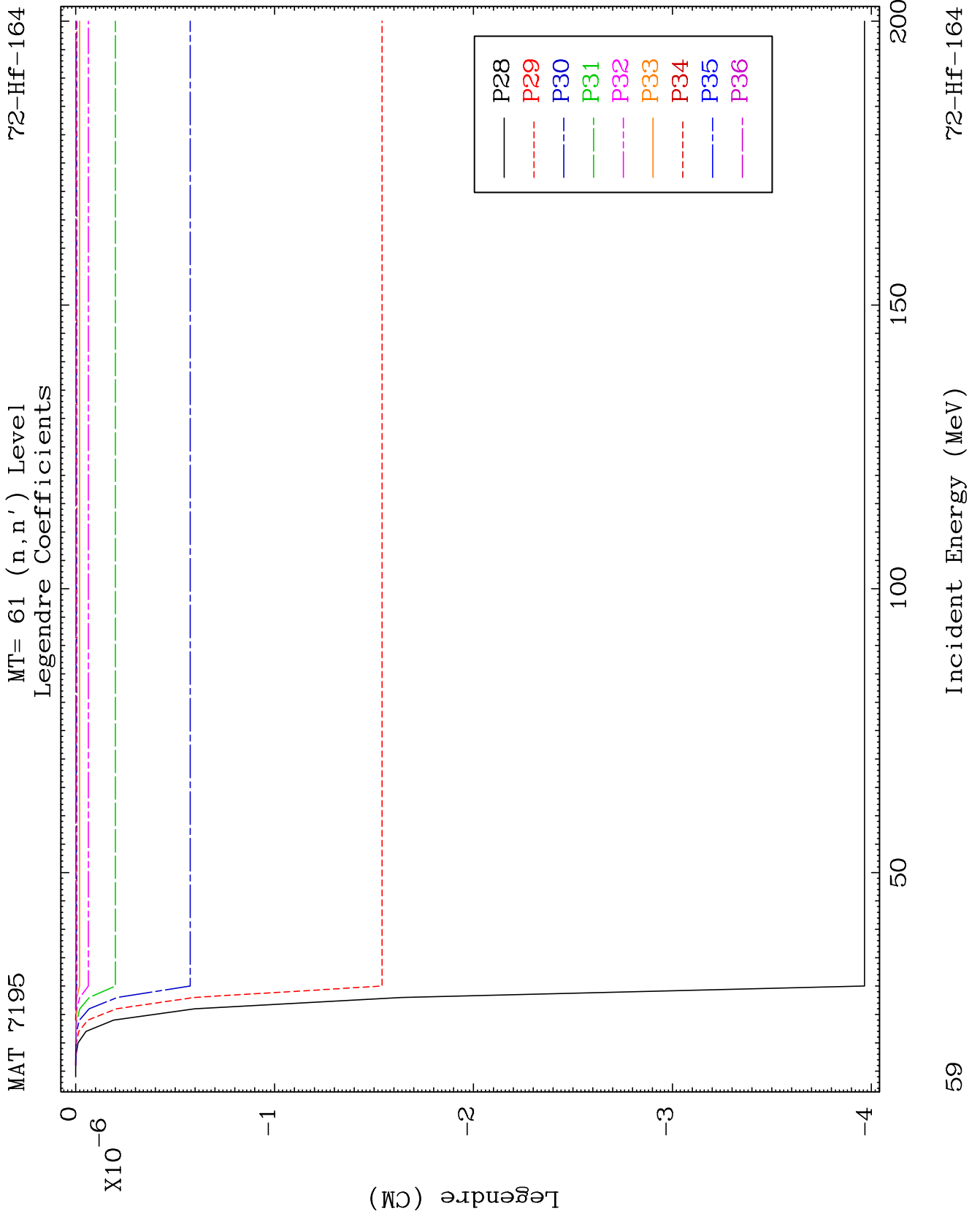


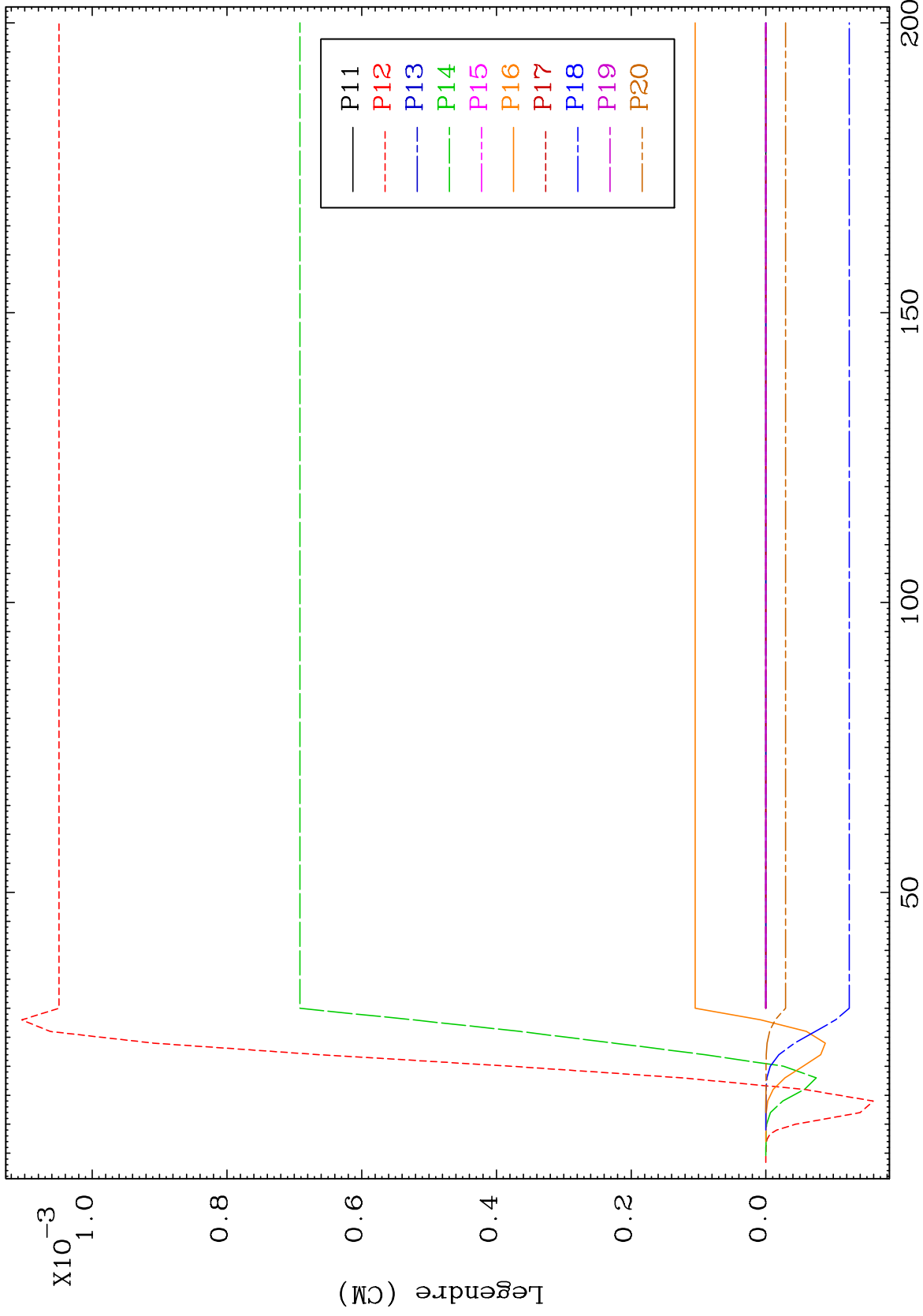
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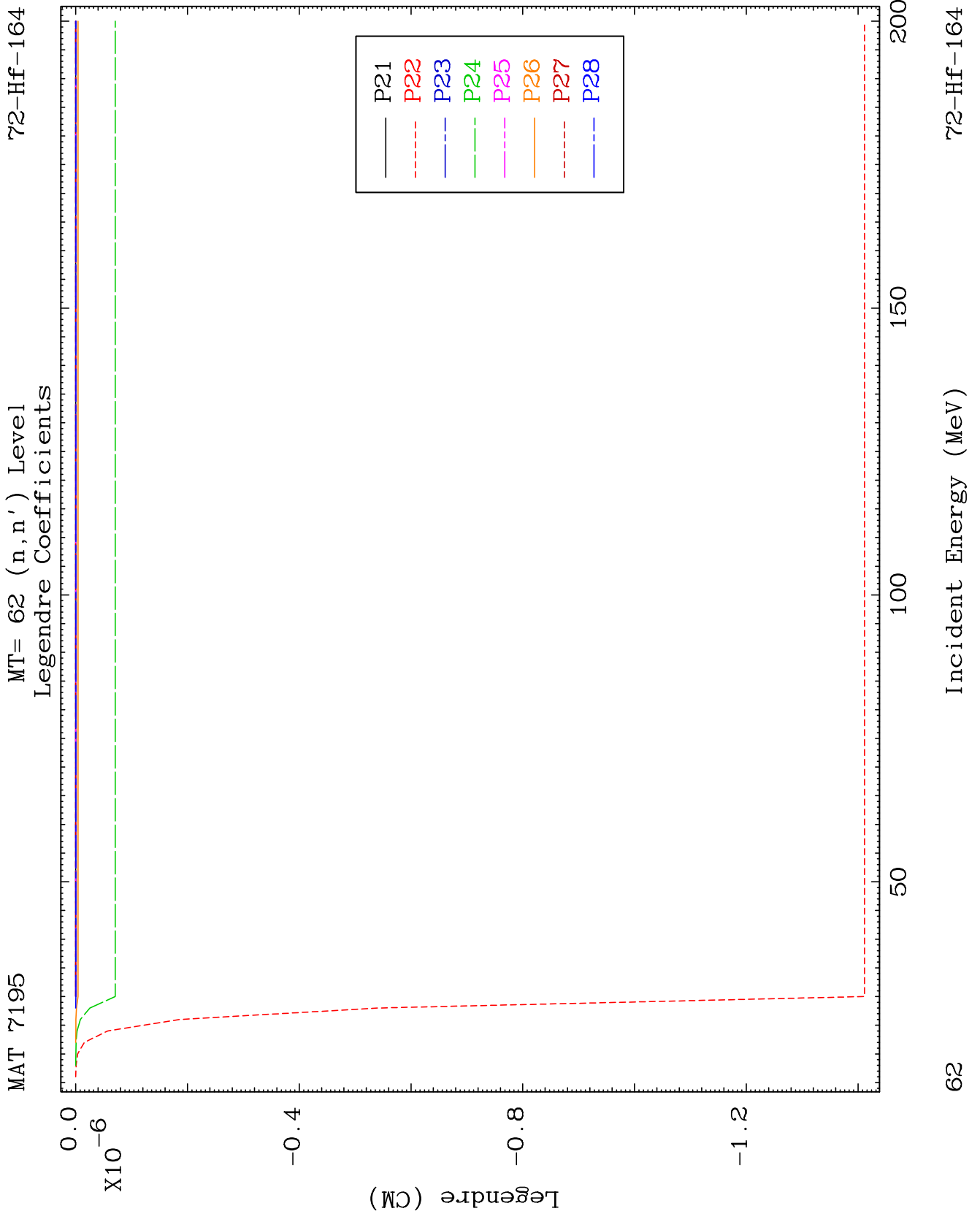
Incident Energy (MeV)

72-Hf-164





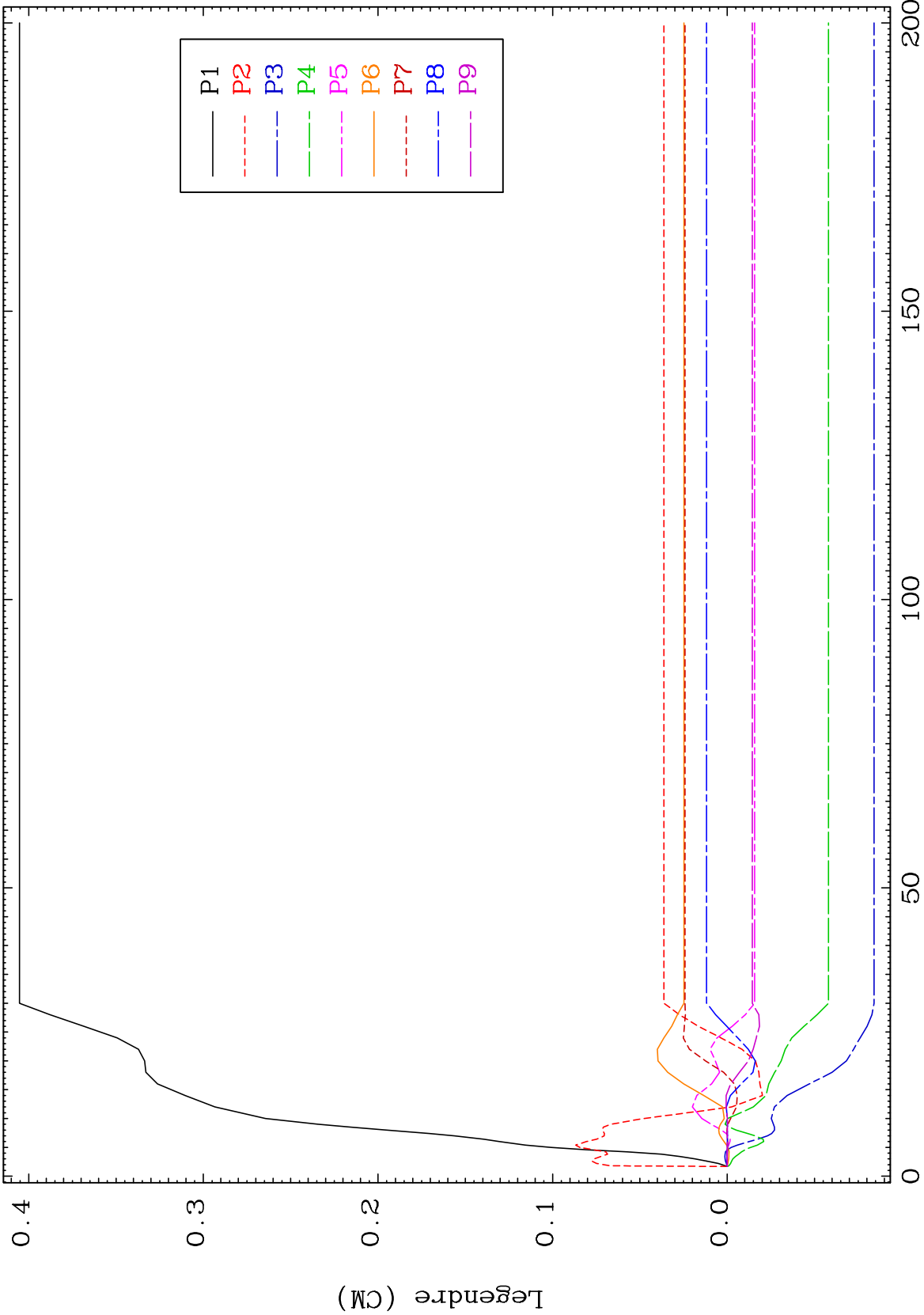




MAT 7195

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

72-Hf-164



63

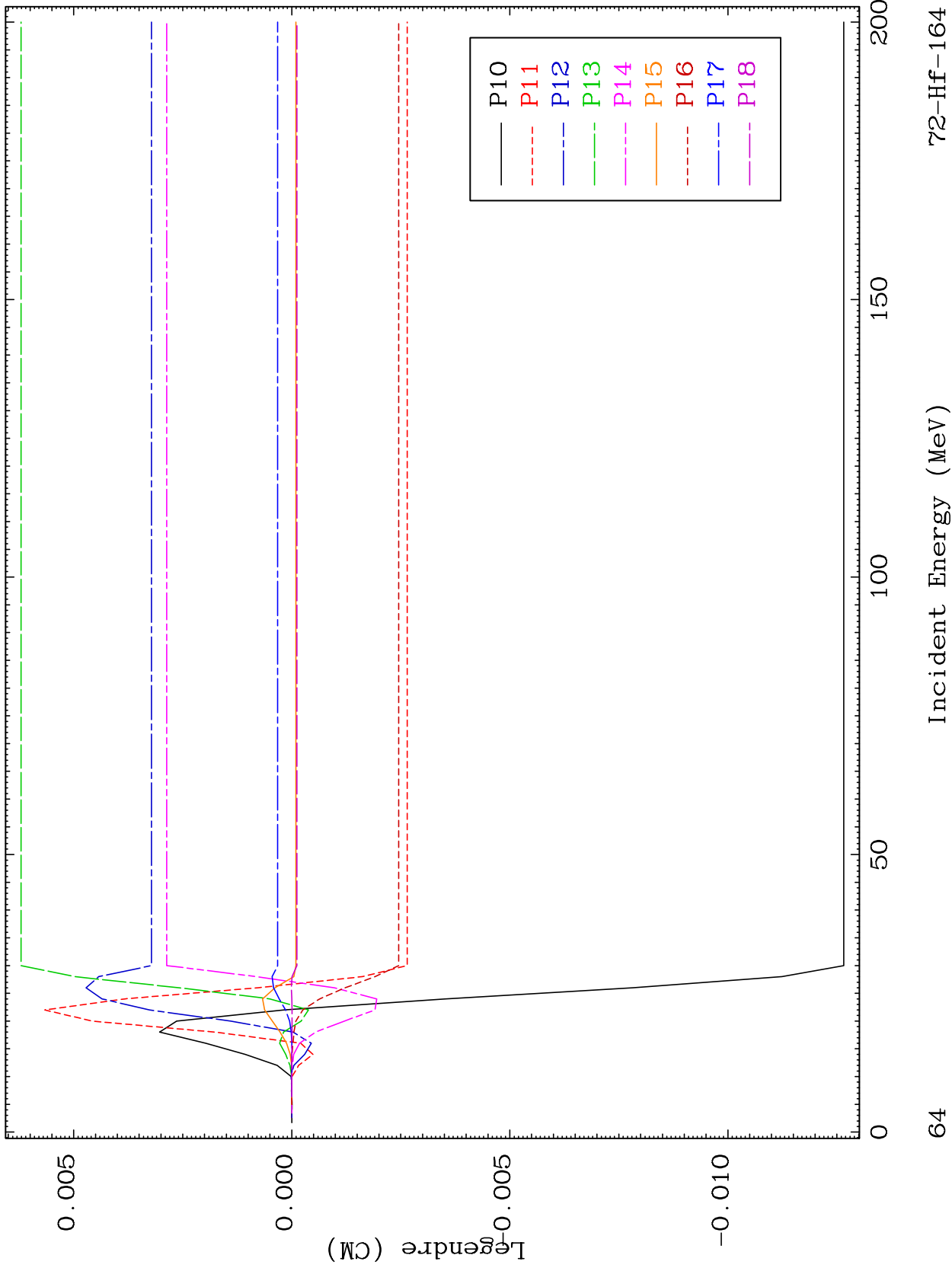
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



64

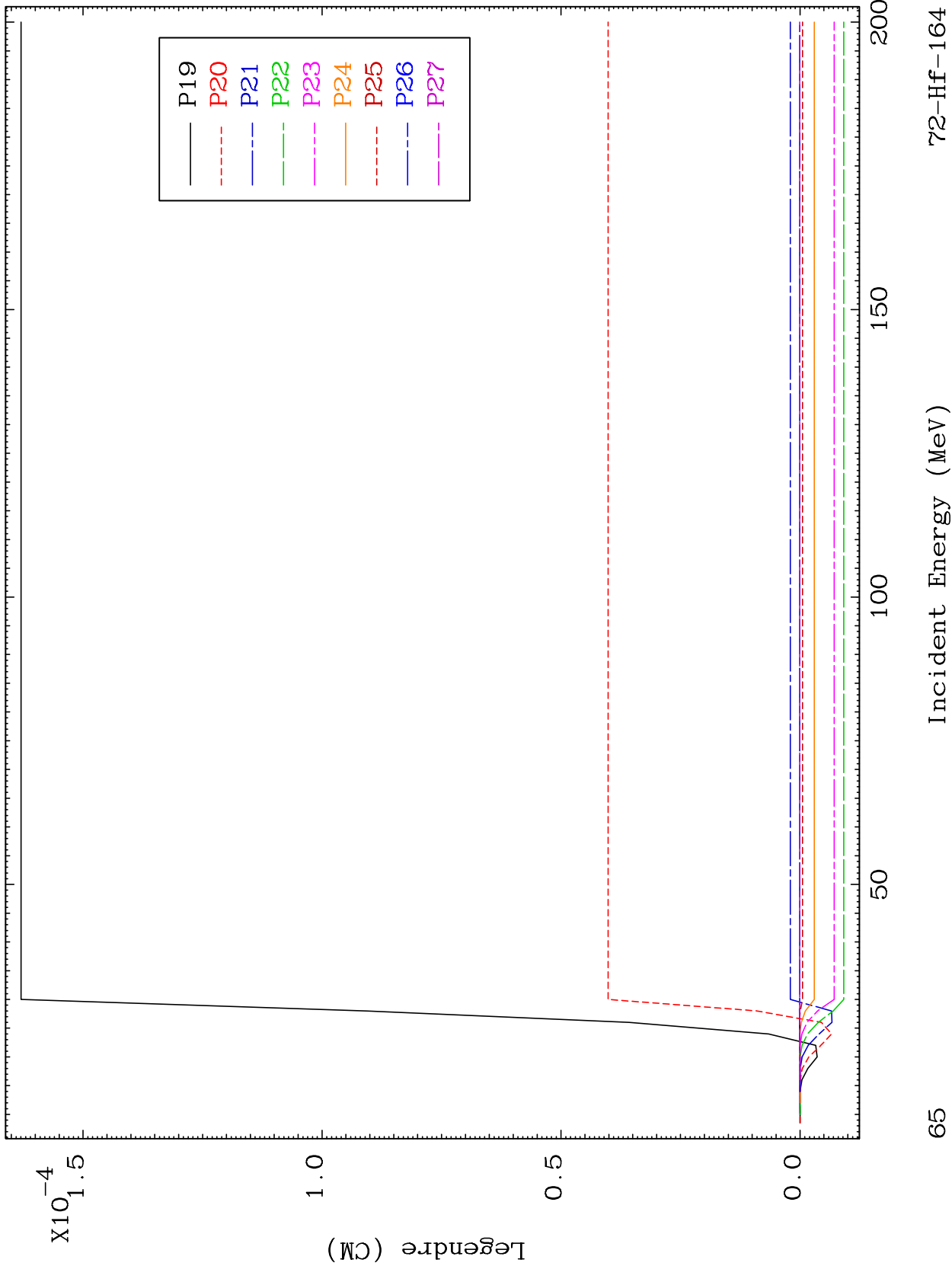
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

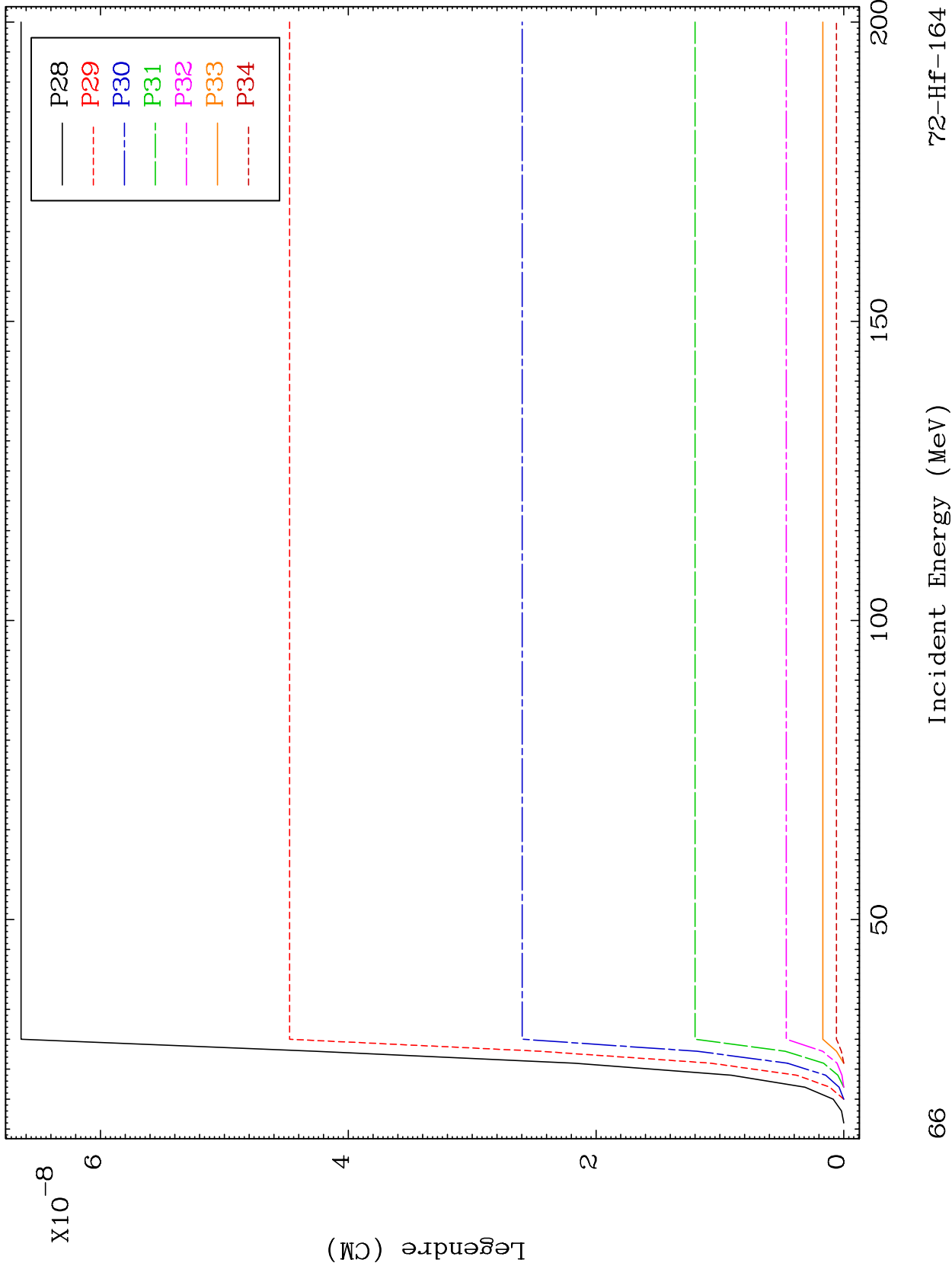
72-Hf-164



MAT 7195

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

72-Hf-164



66

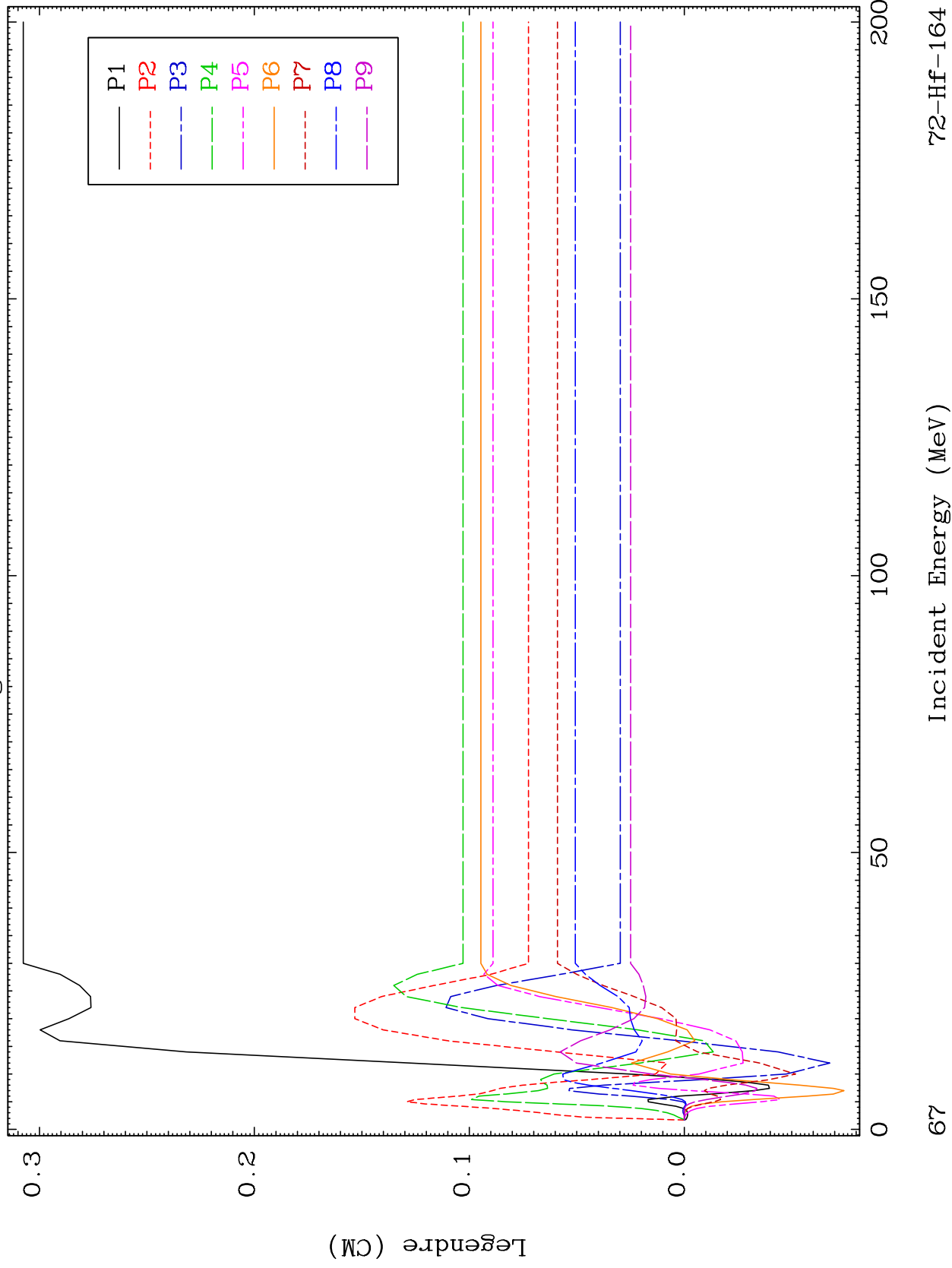
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

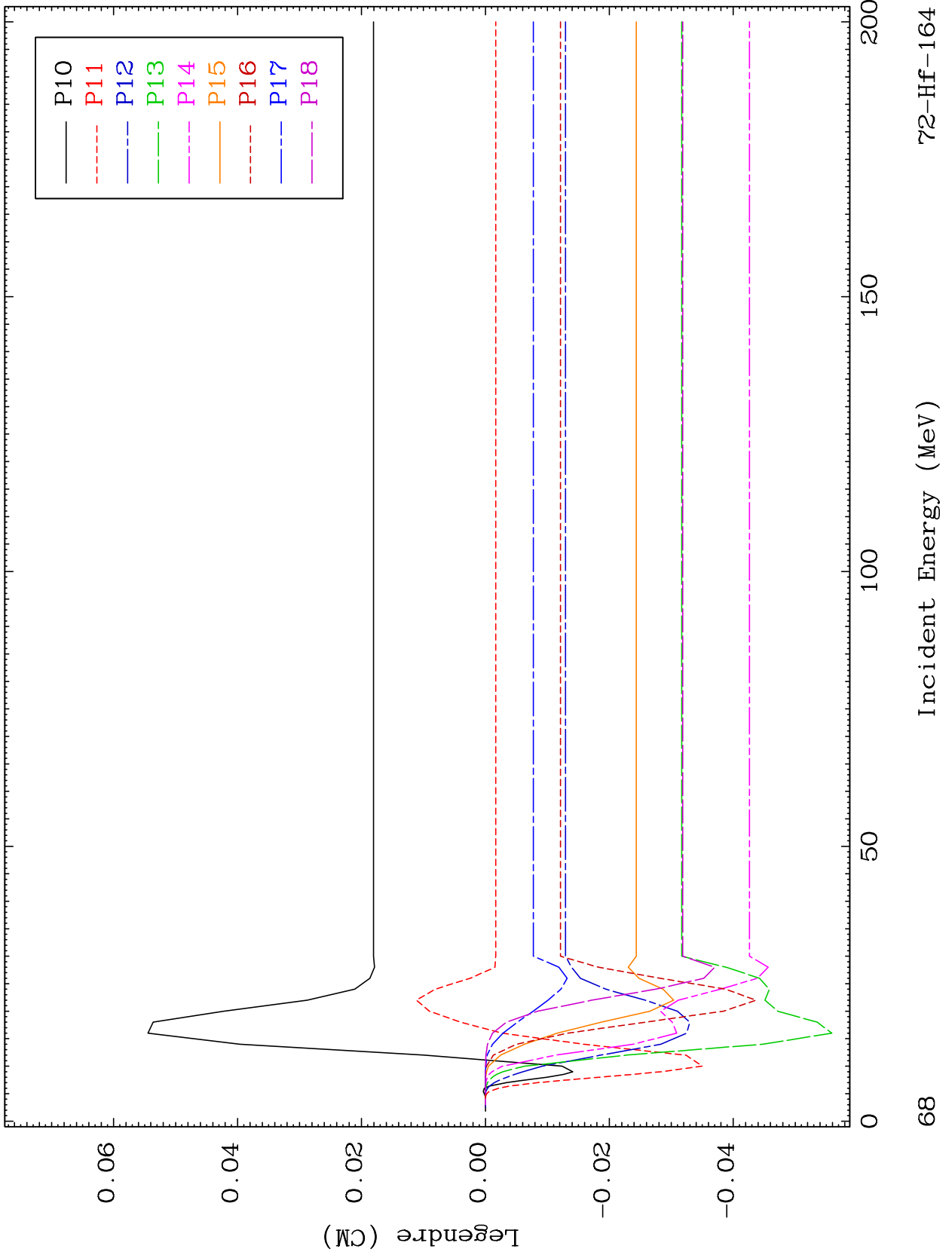
Incident Energy (MeV)

67

MAT 7195

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

72-Hf-164



68

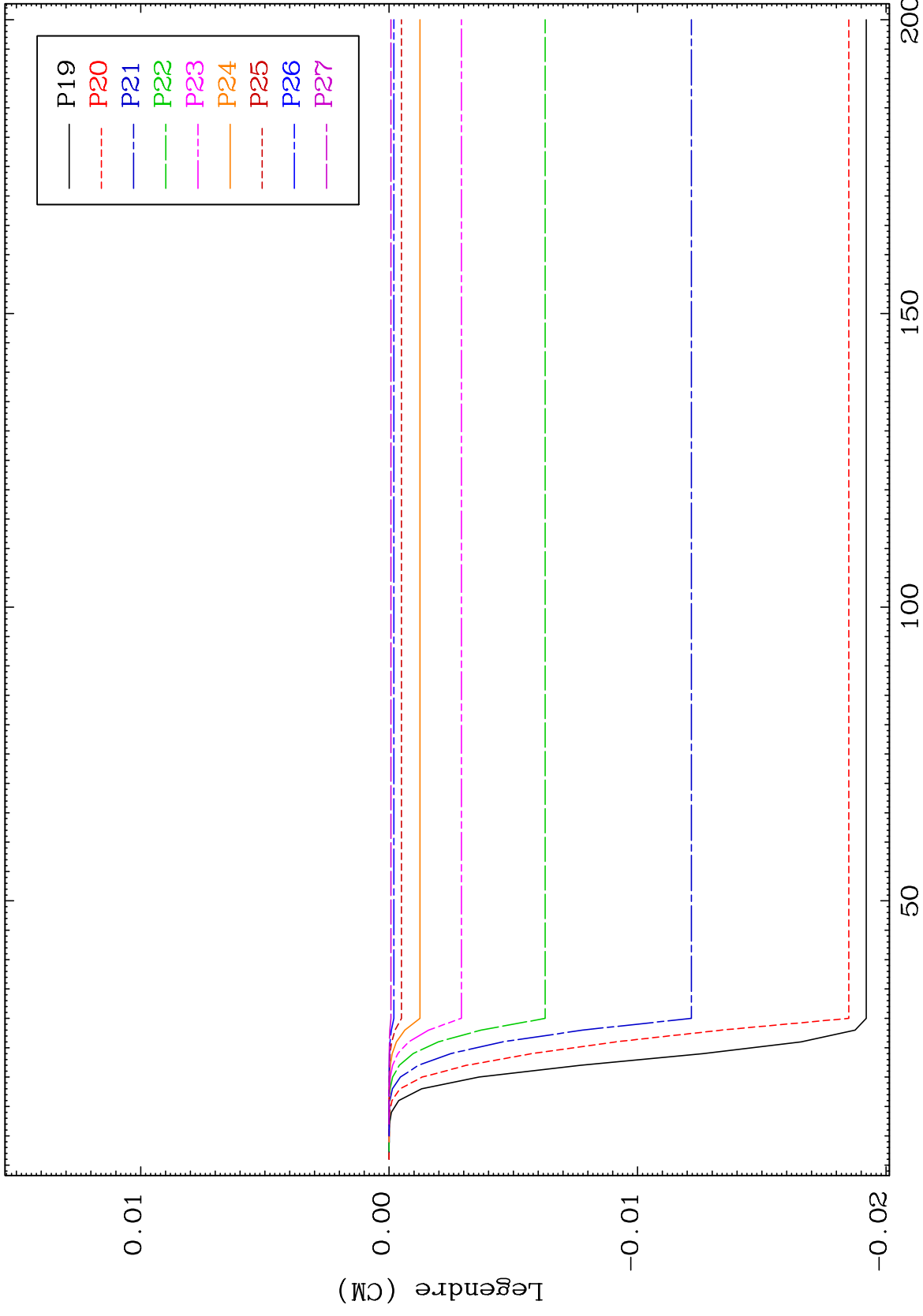
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



69

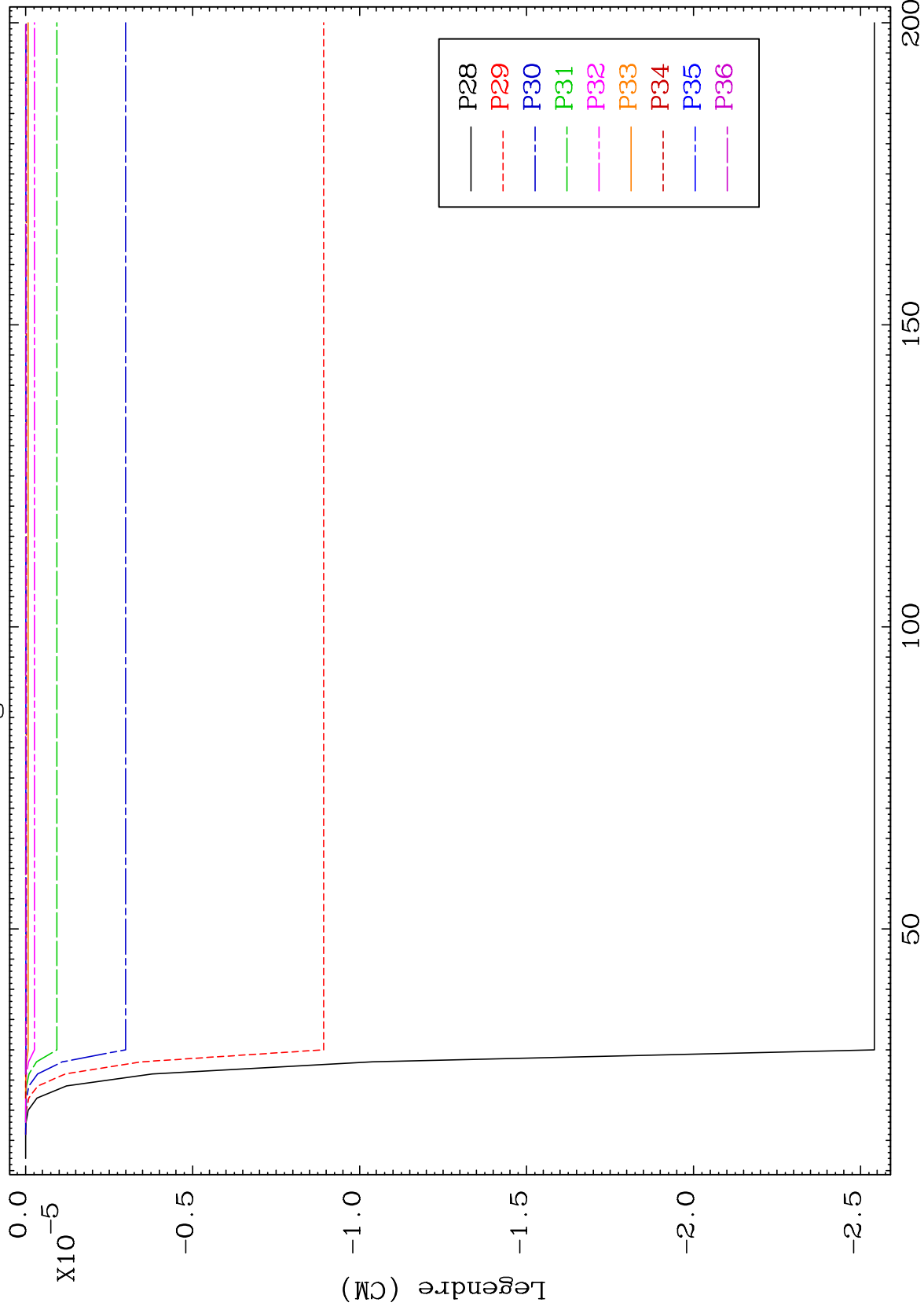
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

Incident Energy (MeV)

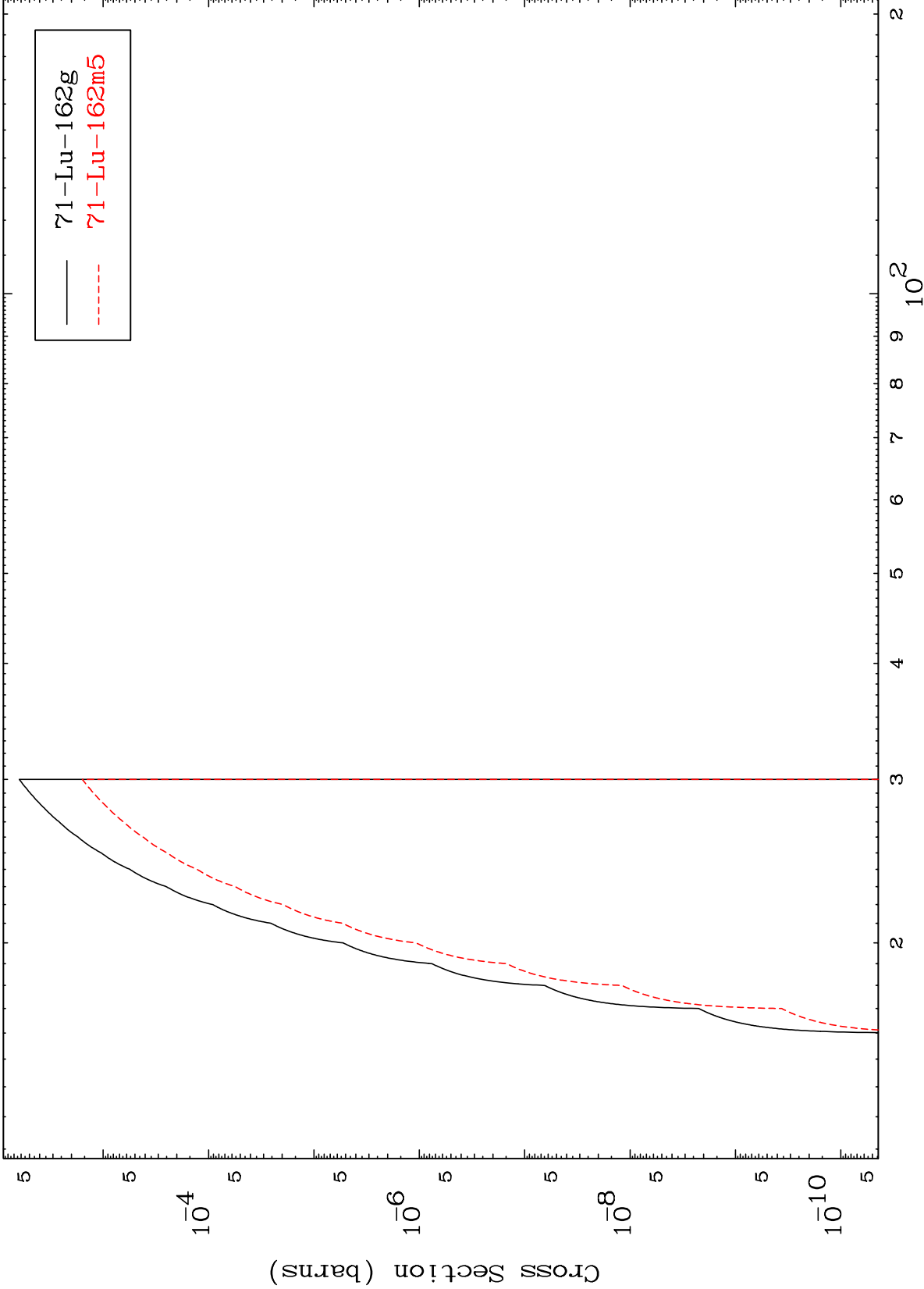
70

MAT 7195

(n,n') d

72-Hf-164

Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m5

71

Incident Energy (MeV)

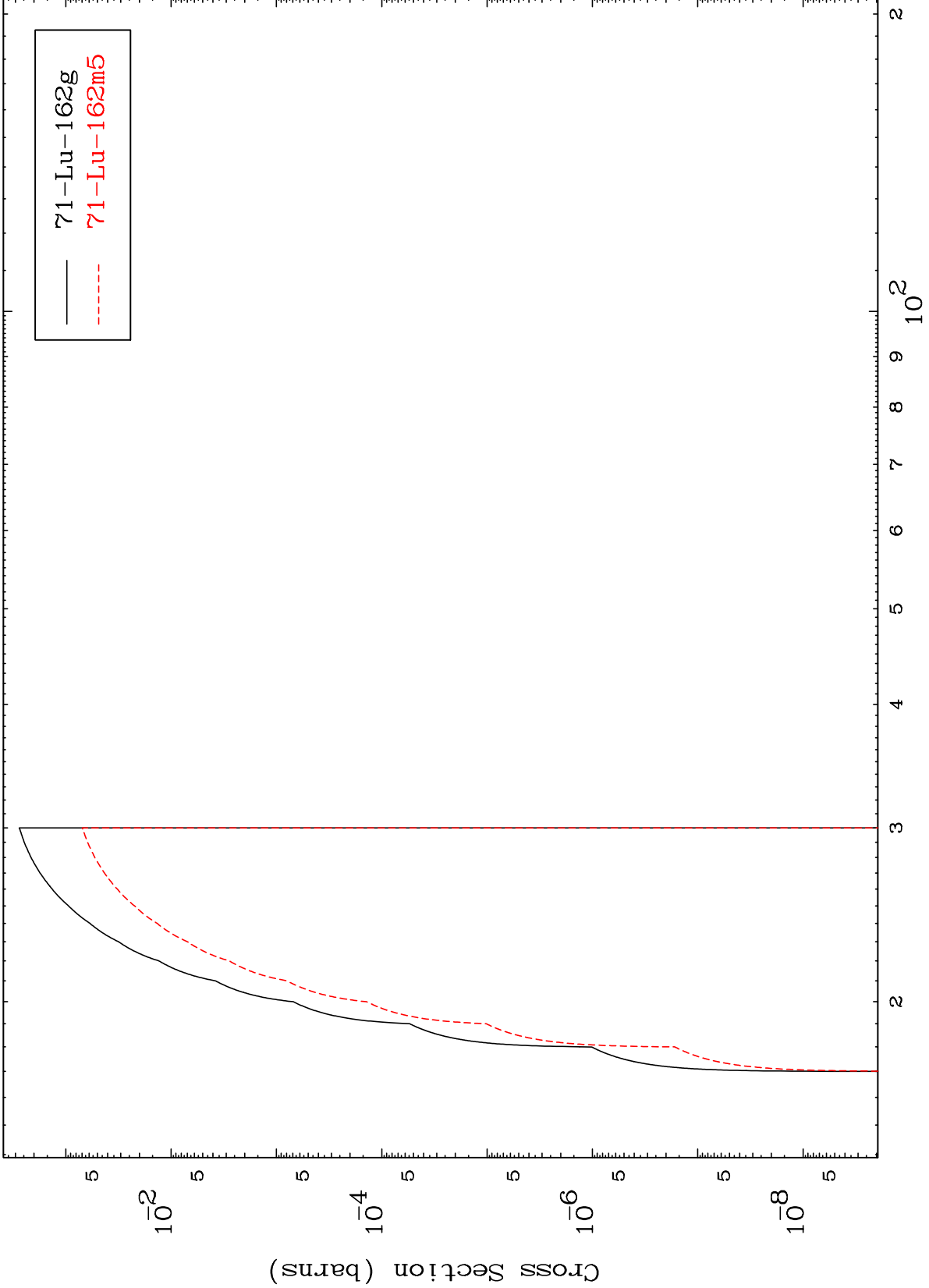
72-Hf-164

MAT 7195

(n,2n) p

72-Hf-164

Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m5

72

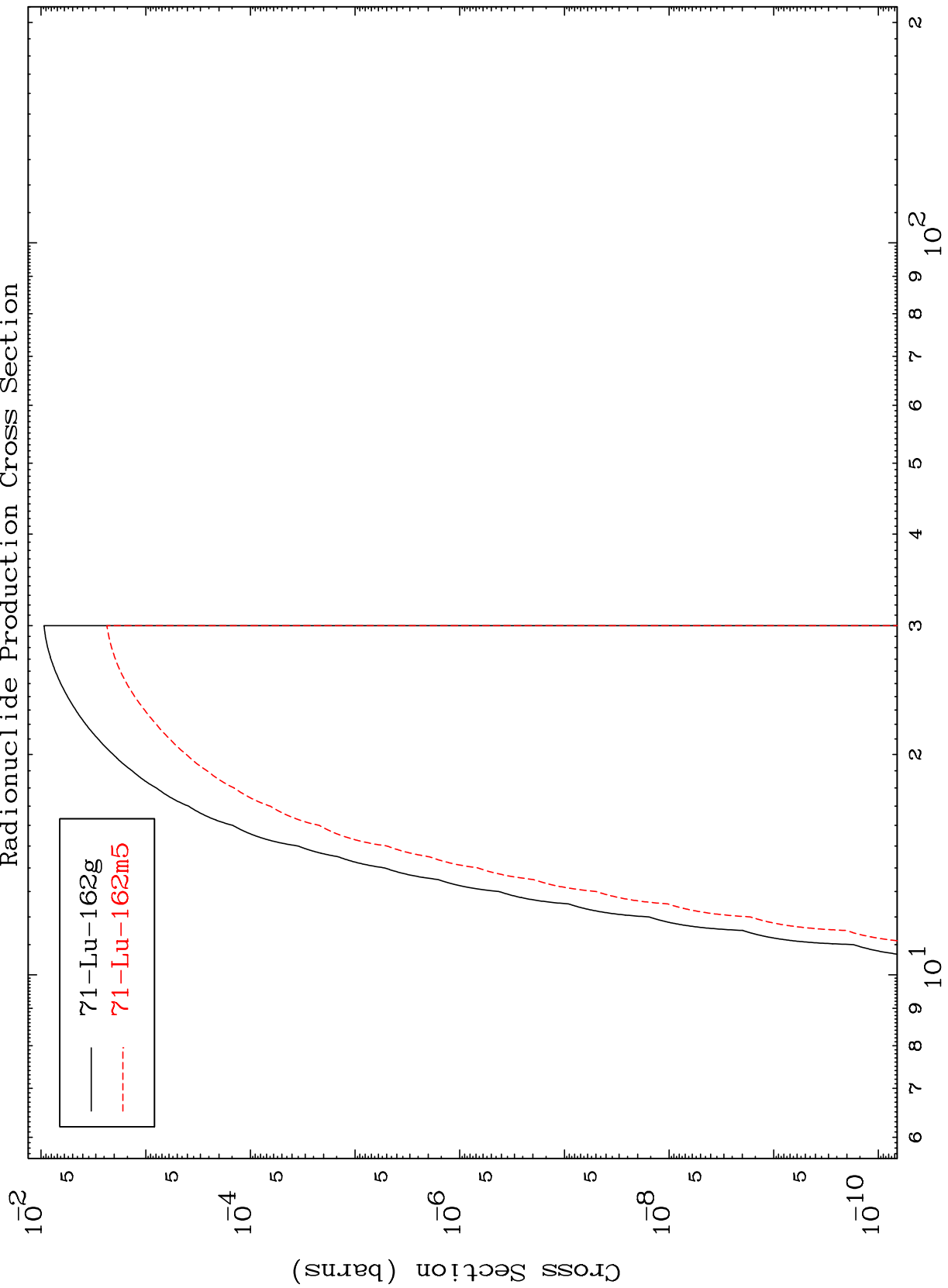
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

Radionuclide Production Cross Section (n,t)



71-Lu-162g
71-Lu-162m5

73

Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,p) α

72-Hf-164

Radionuclide Production Cross Section

