

Program EVALPLOT  
(Version 2021-1)

by

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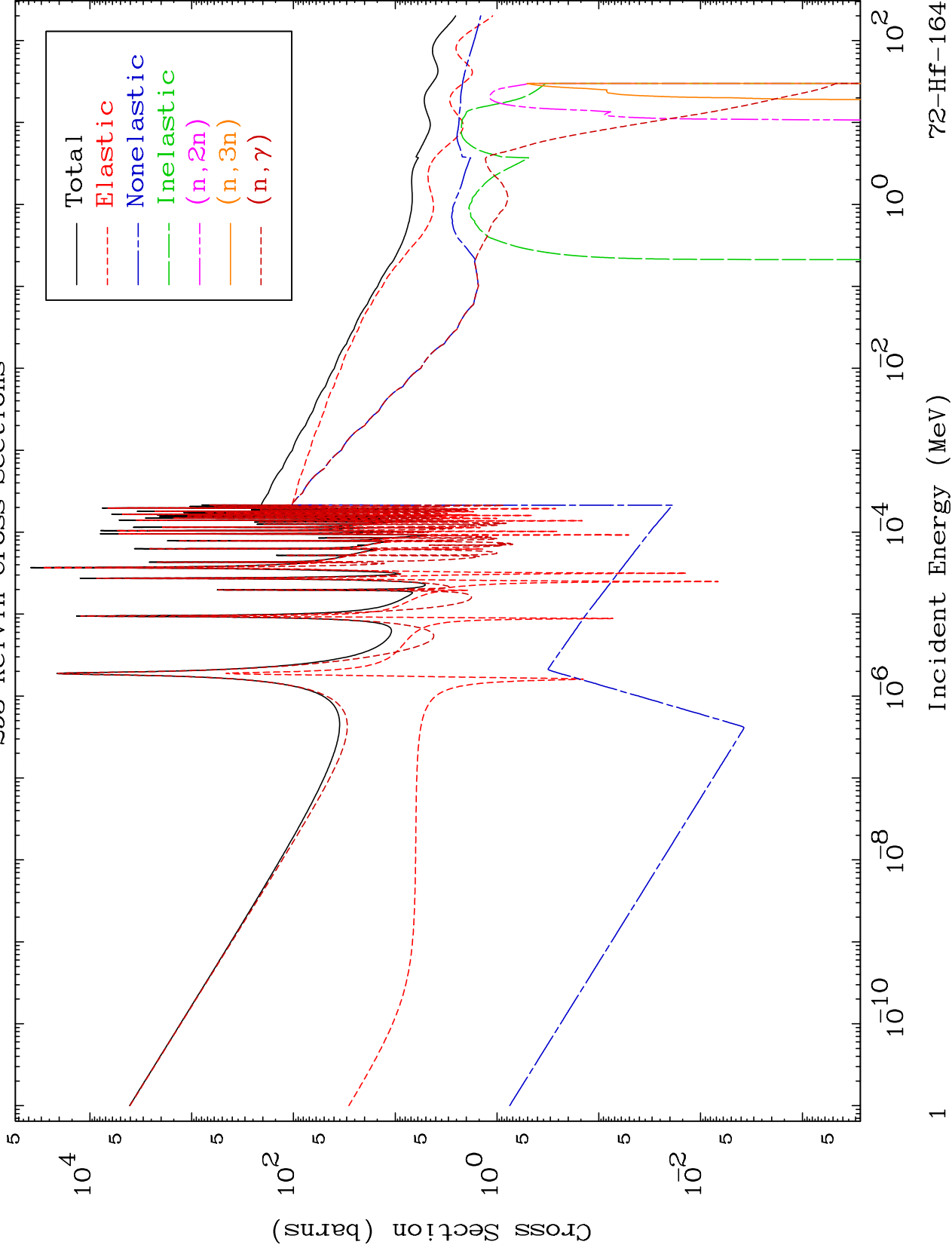
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7195

Neutron Major  
293 Kelvin Cross Sections

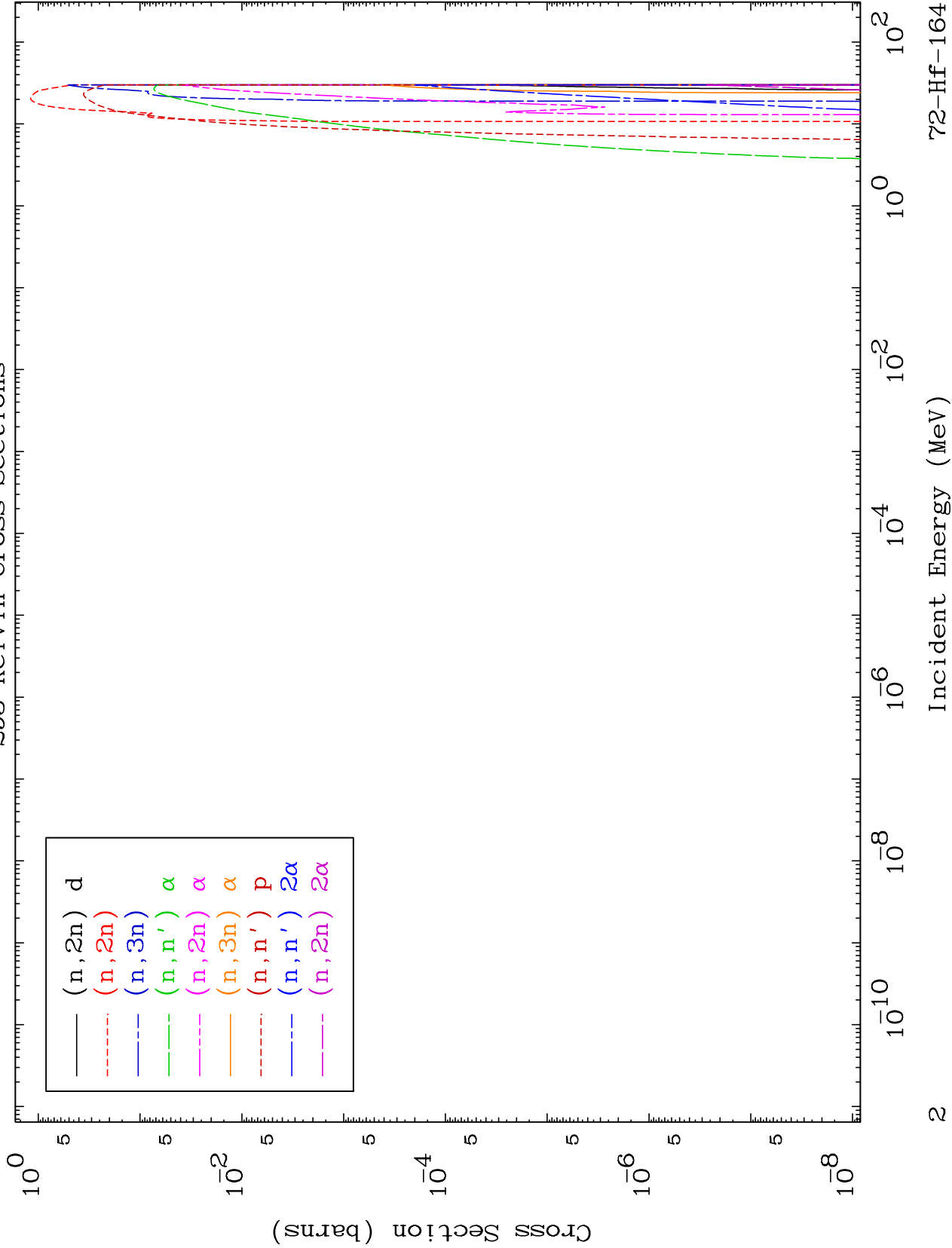
72-Hf-164



MAT 7195

Neutron Absorption  
293 Kelvin Cross Sections

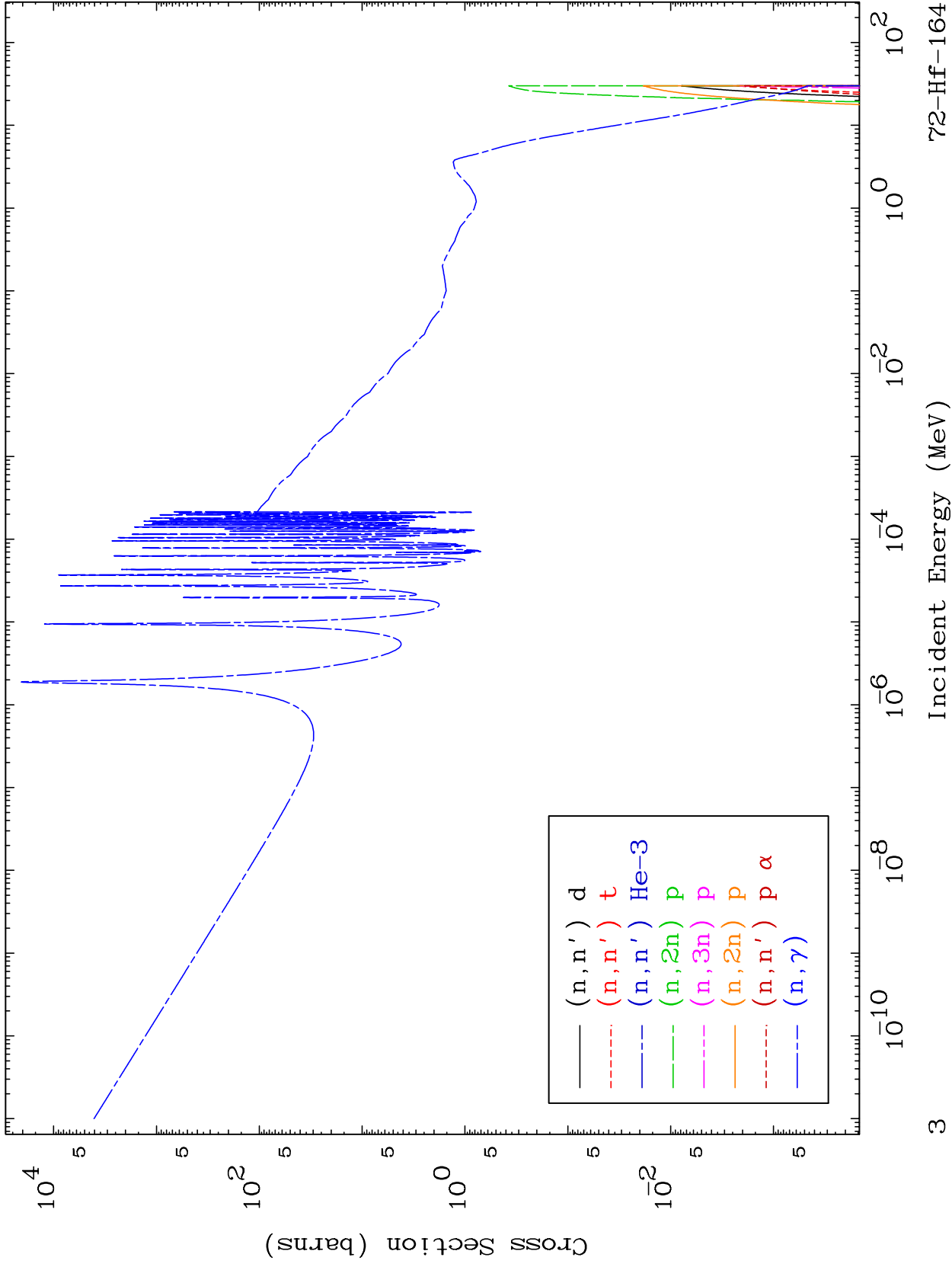
72-Hf-164



MAT 7195

Neutron Absorption  
293 Kelvin Cross Sections

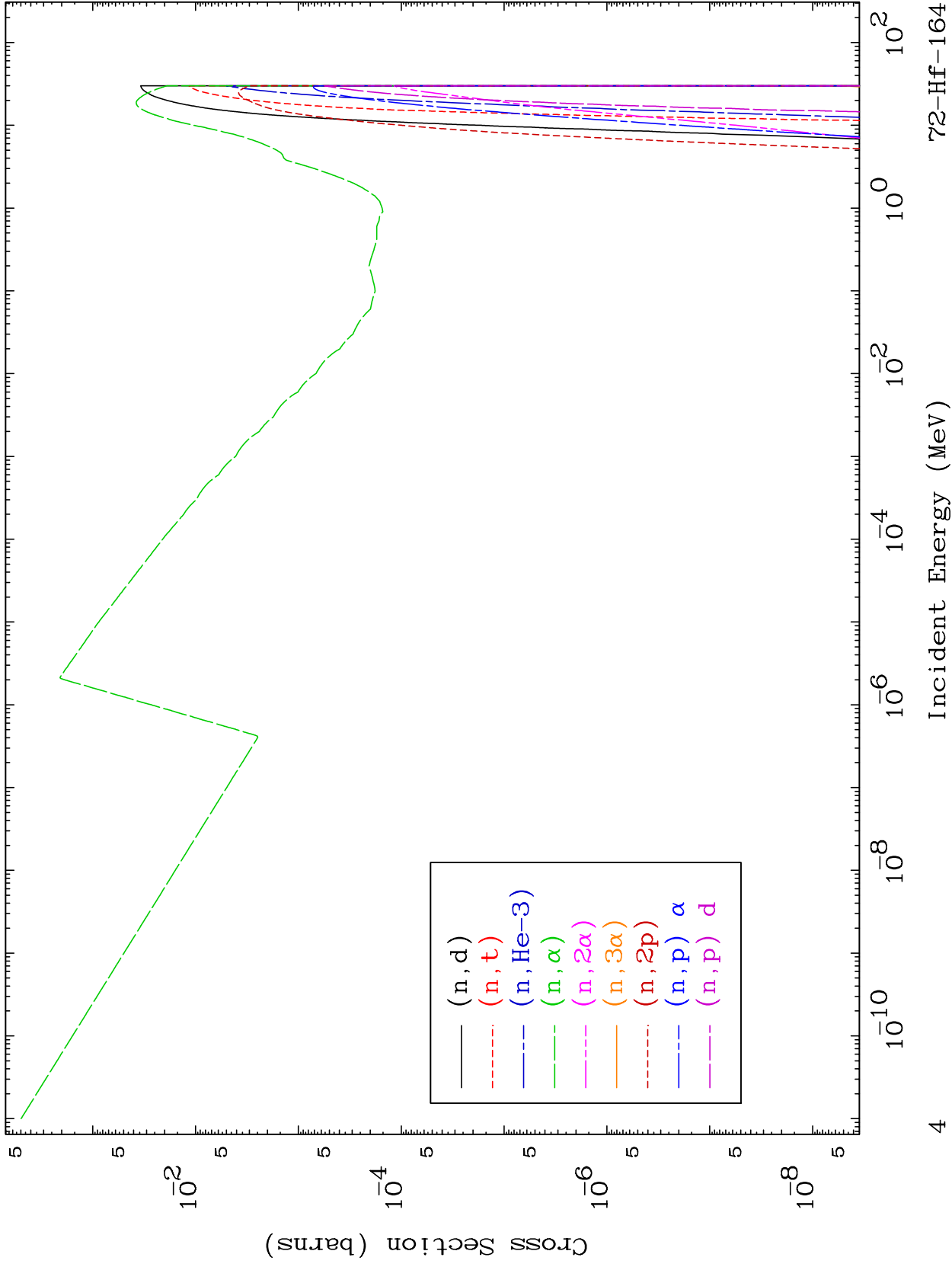
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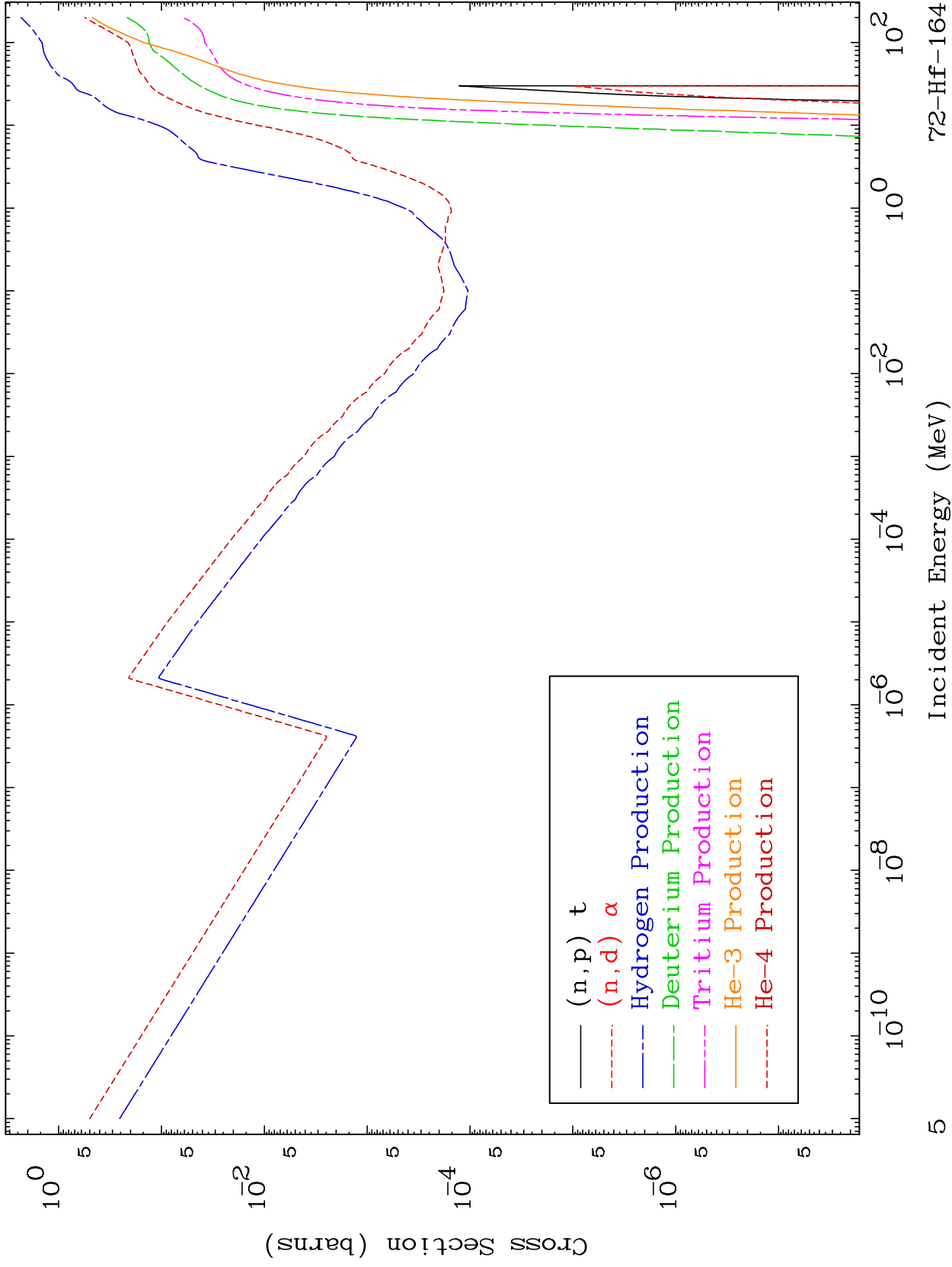


MAT 7195

Neutron Absorption  
293 Kelvin Cross Sections

72-Hf-164

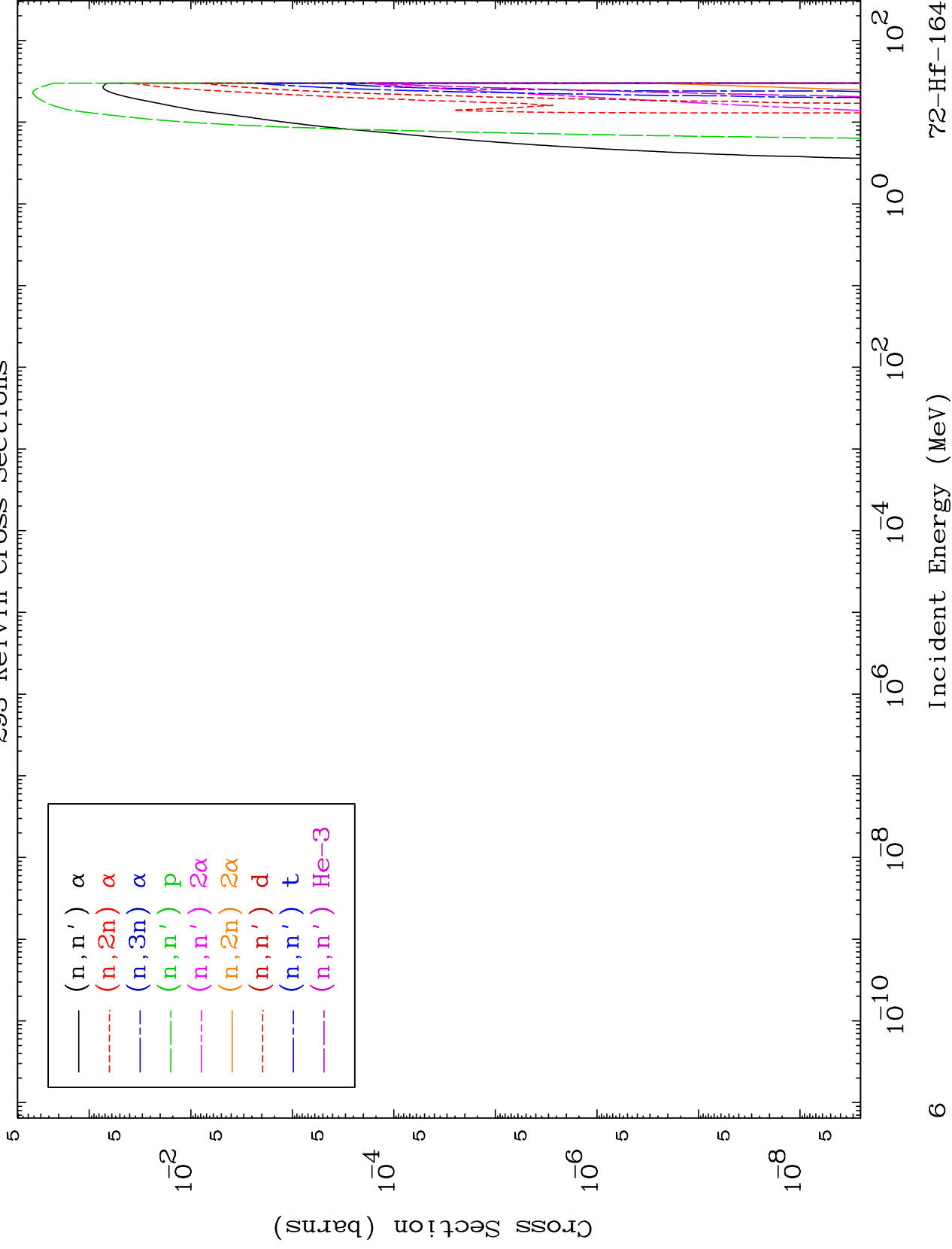




MAT 7195

Charged Particle  
293 Kelvin Cross Sections

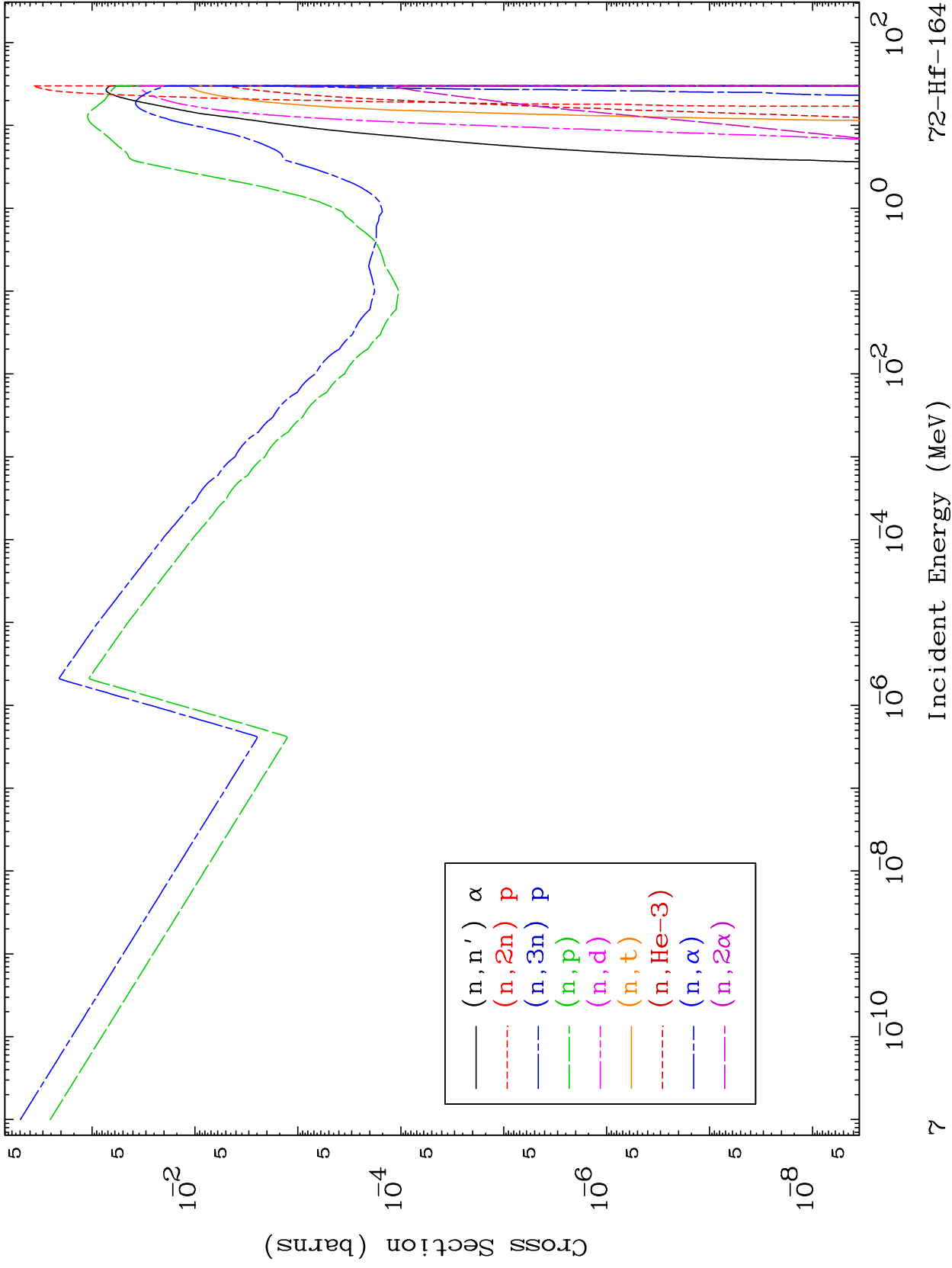
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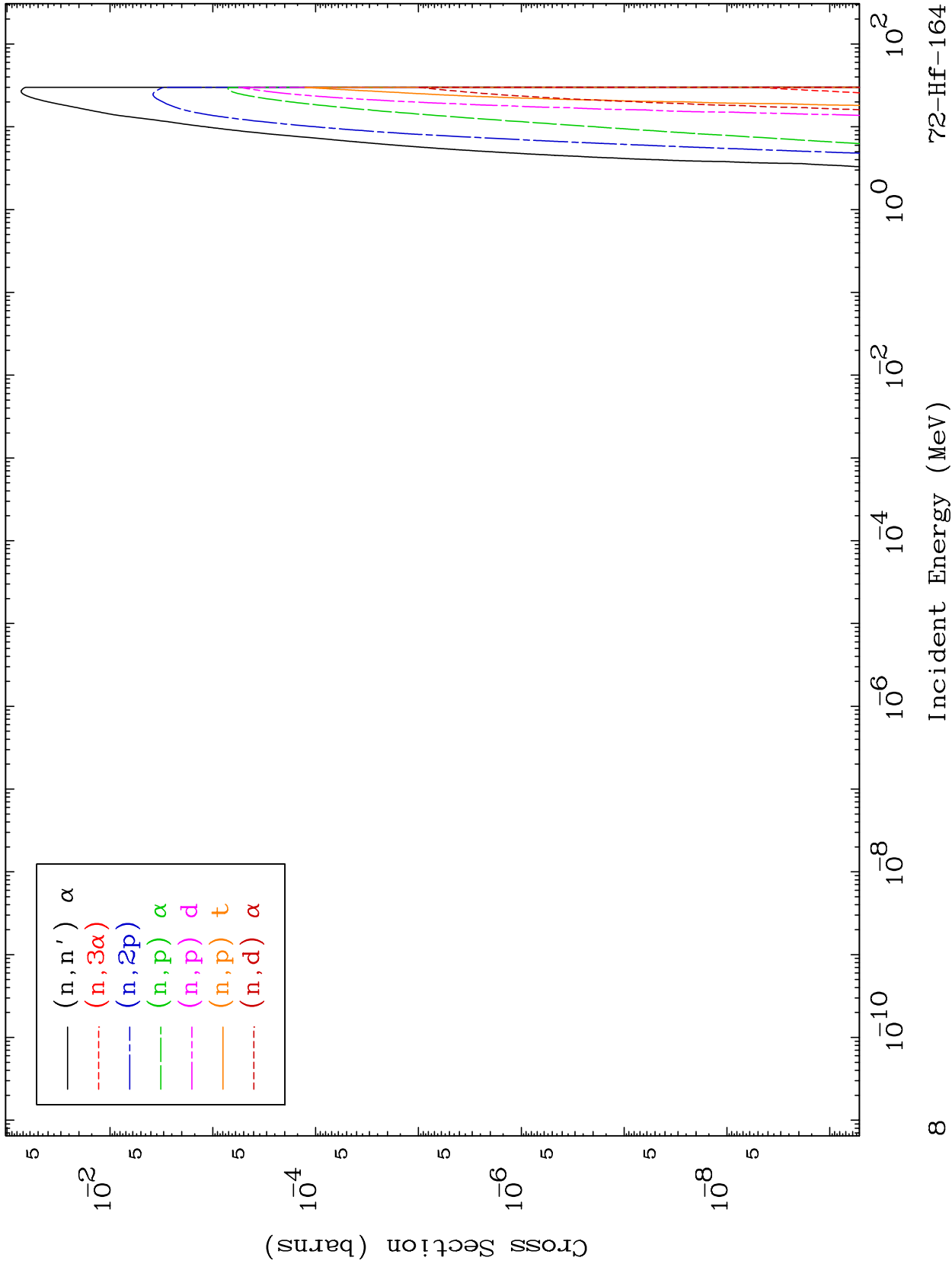


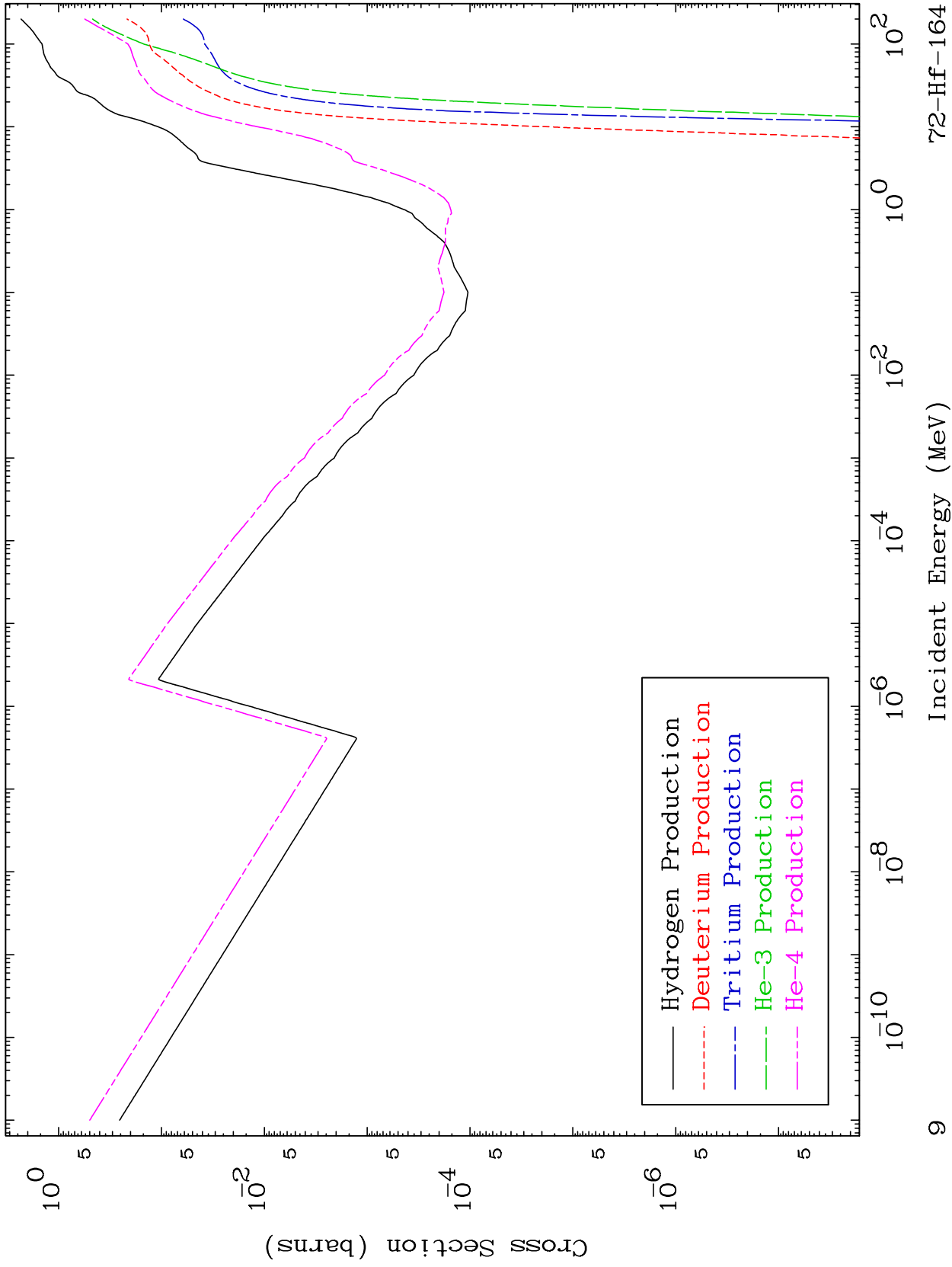
MAT 7195

Charged Particle  
293 Kelvin Cross Sections

72-Hf-164





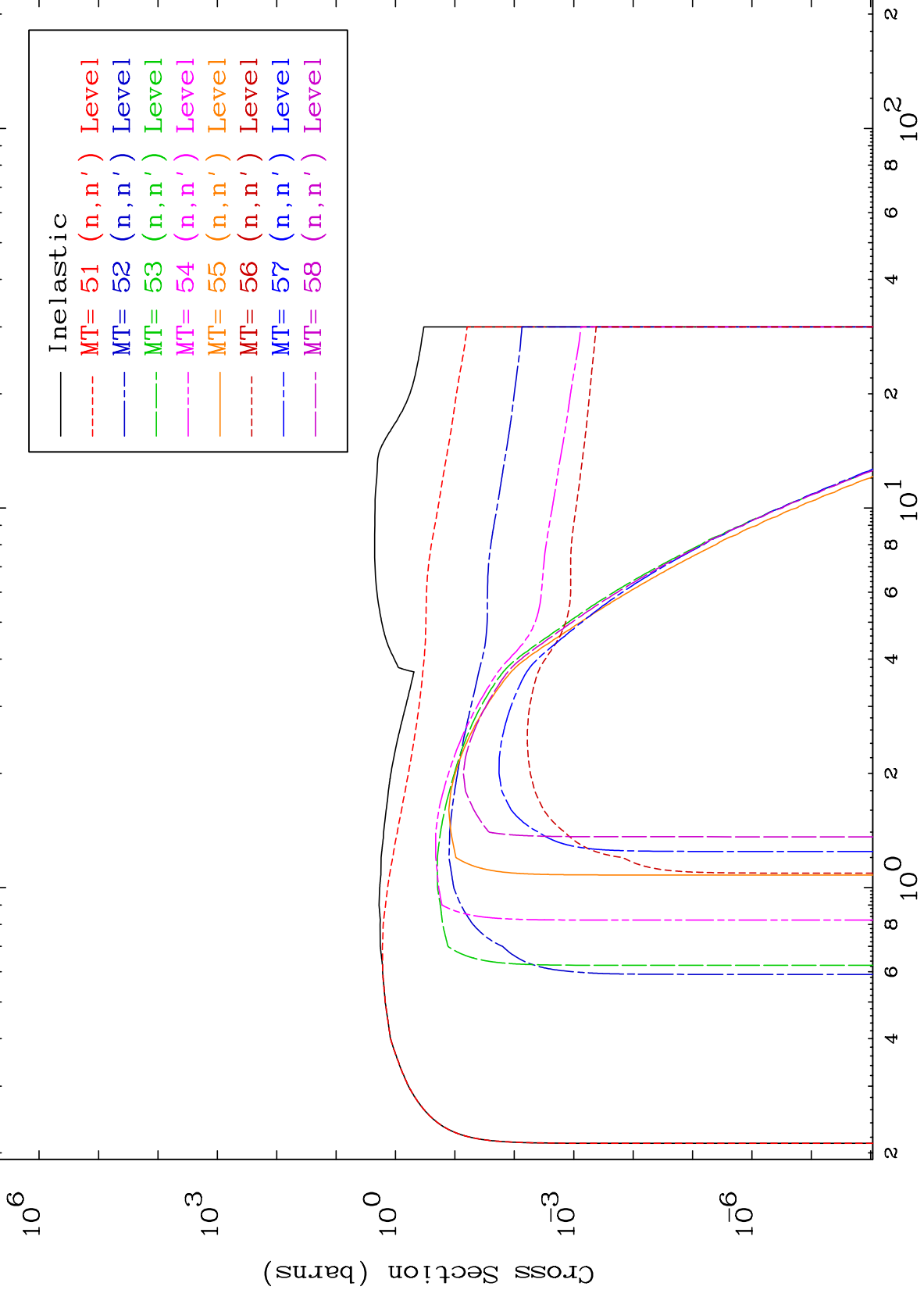


MAT 7195

(n,n') Levels

72-Hf-164

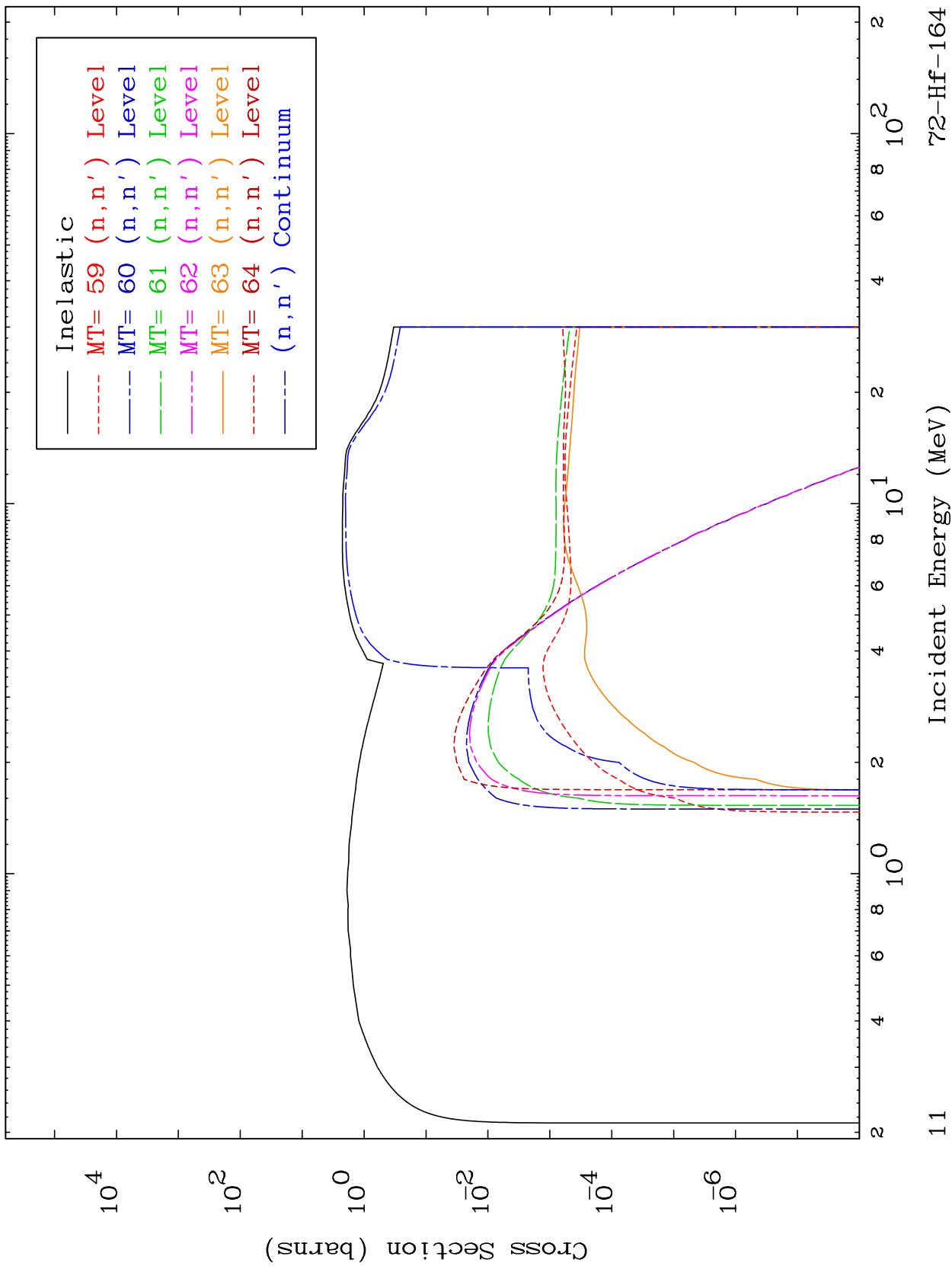
293 Kelvin Cross Sections



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Incident Energy (MeV)

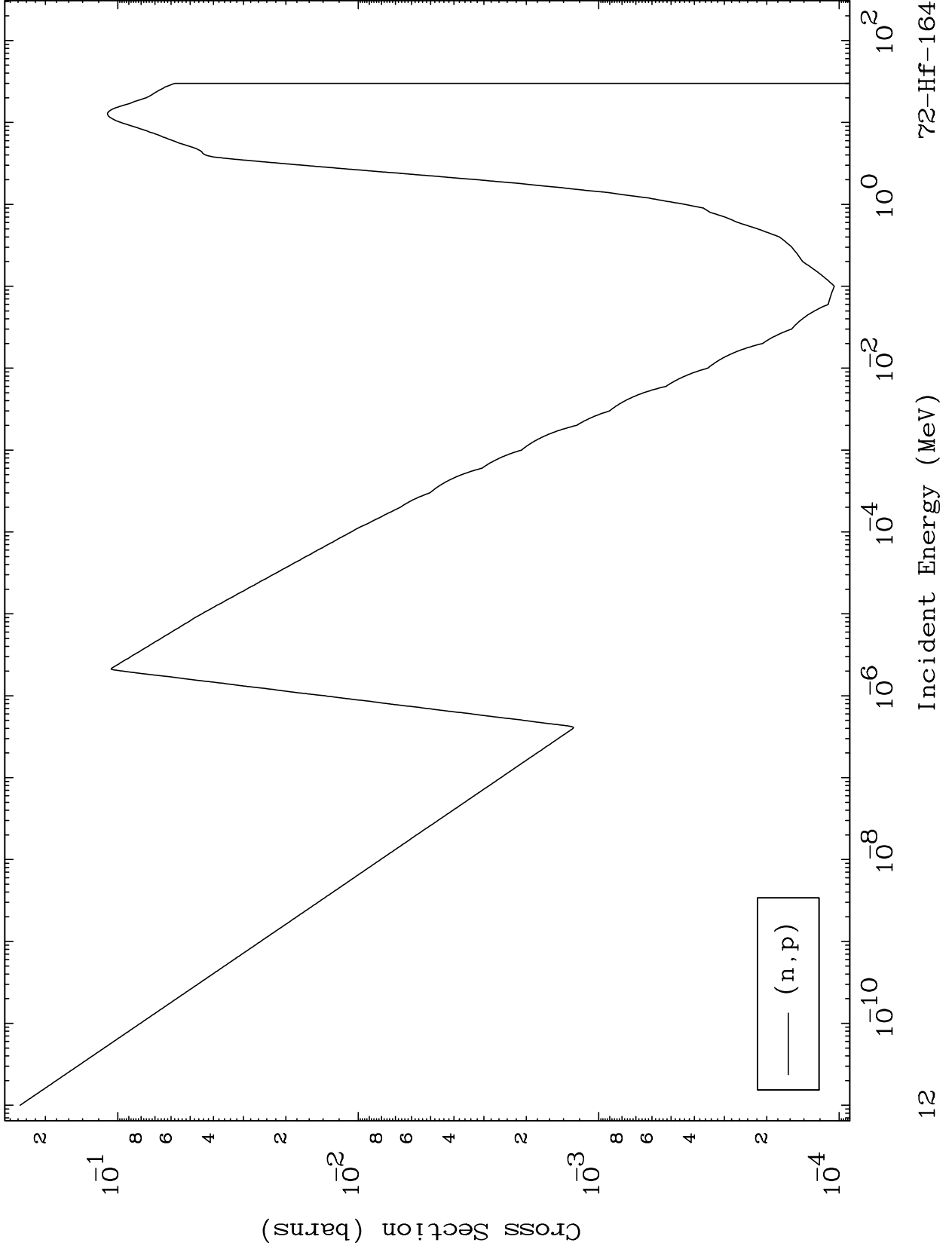
72-Hf-164



MAT 7195

(n,p) Levels  
293 Kelvin Cross Sections

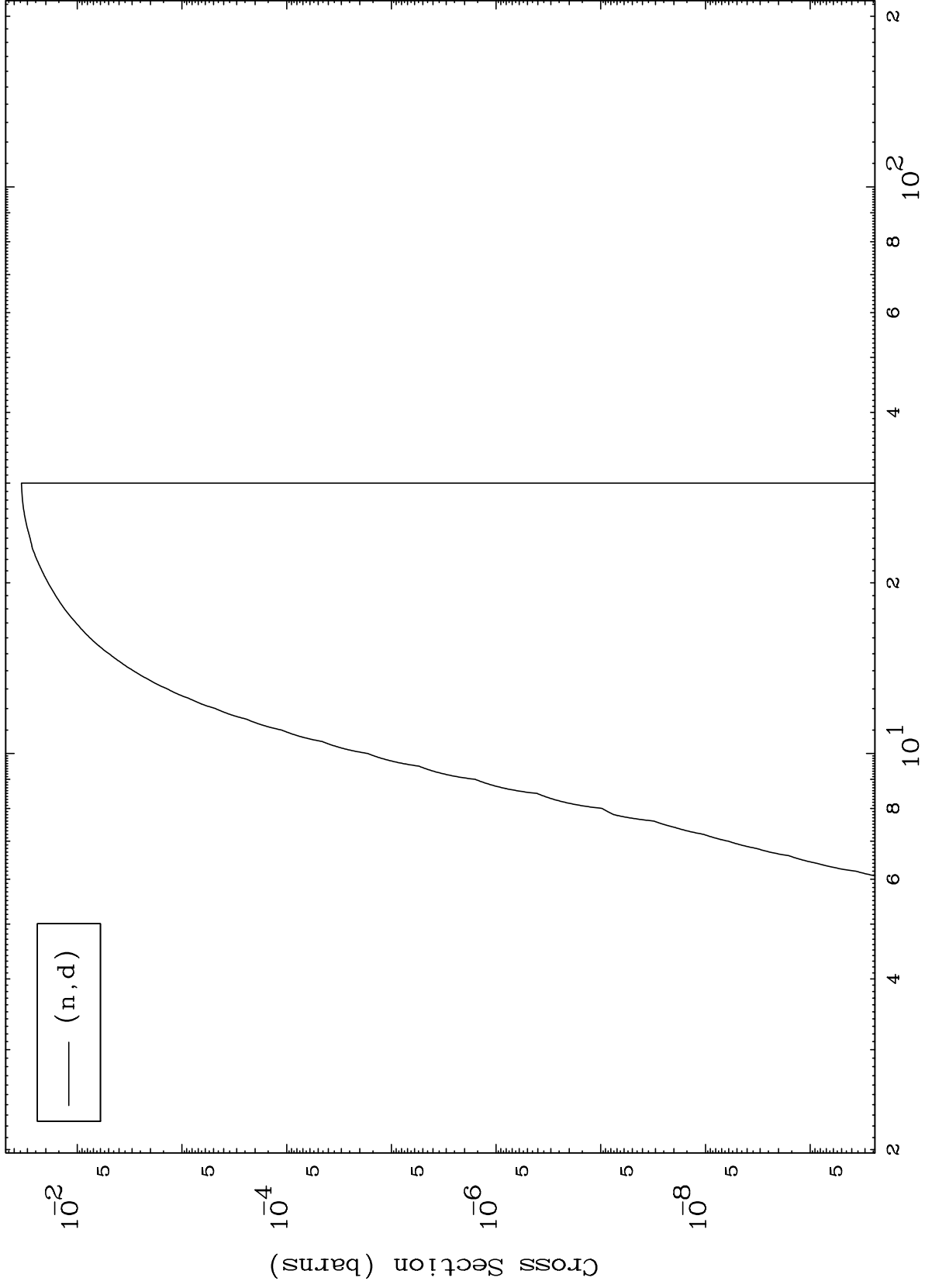
72-Hf-164



MAT 7195

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-164



13

Incident Energy (MeV)

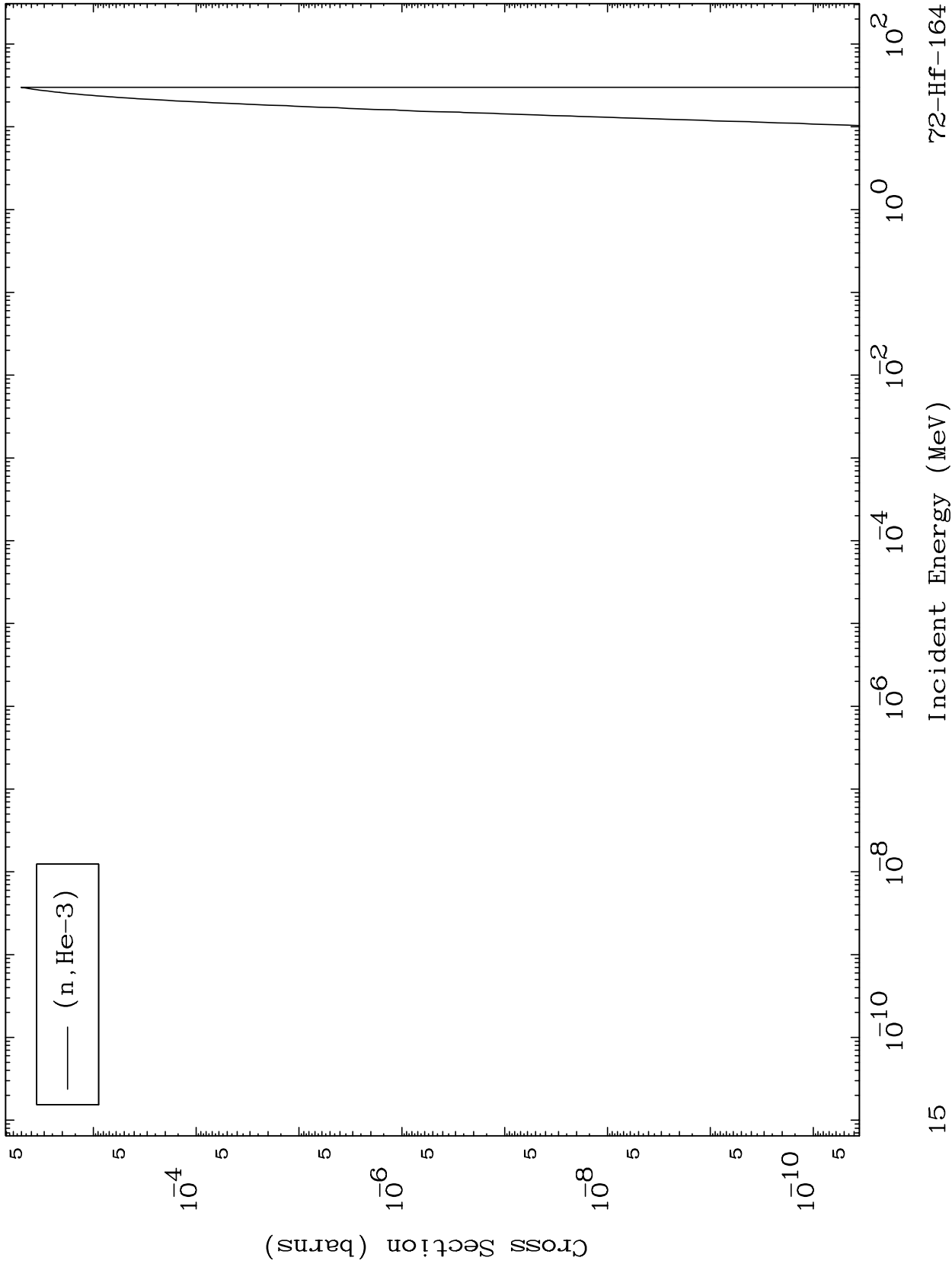
72-Hf-164



MAT 7195

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-164



15

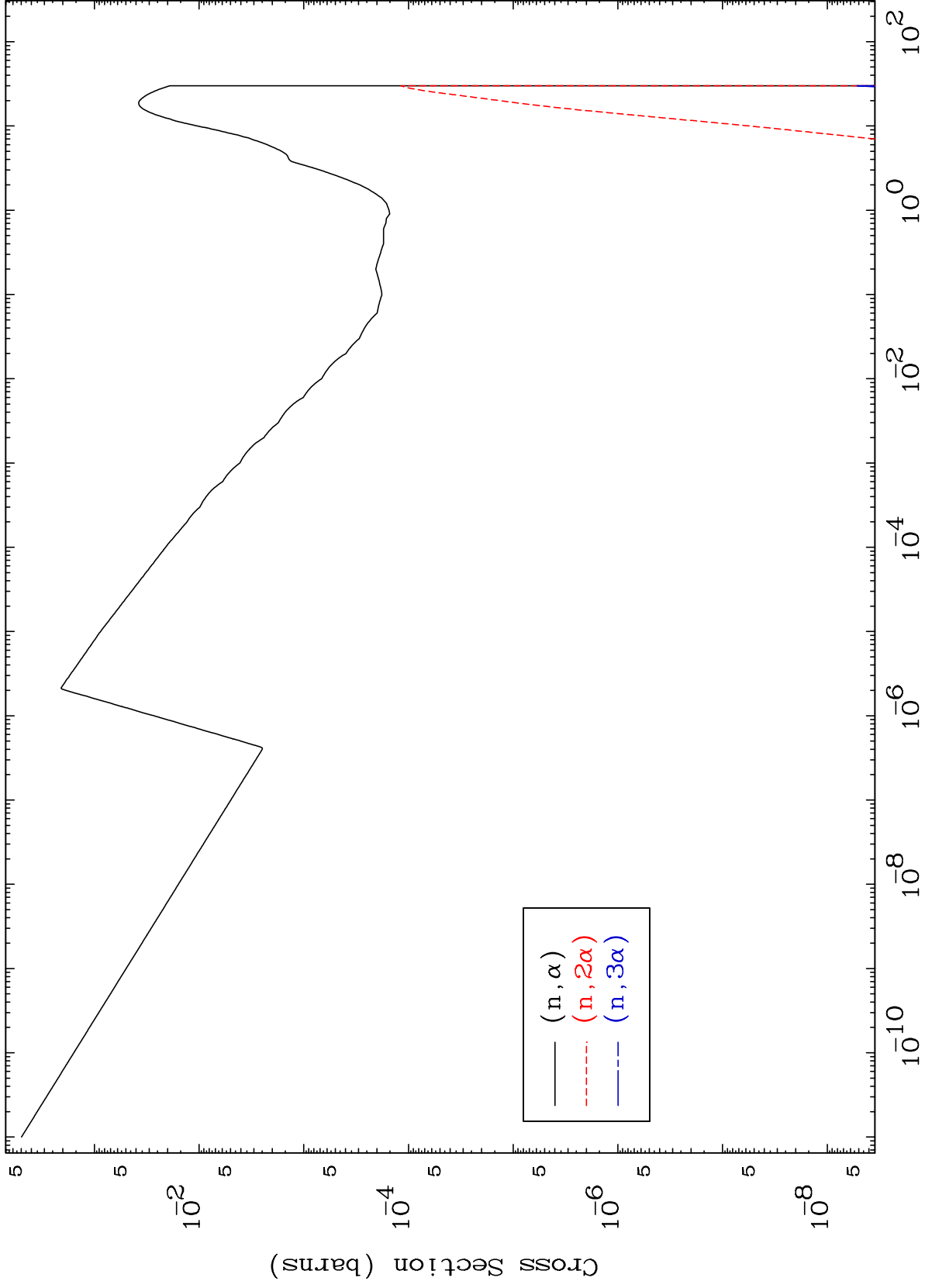
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-164



16

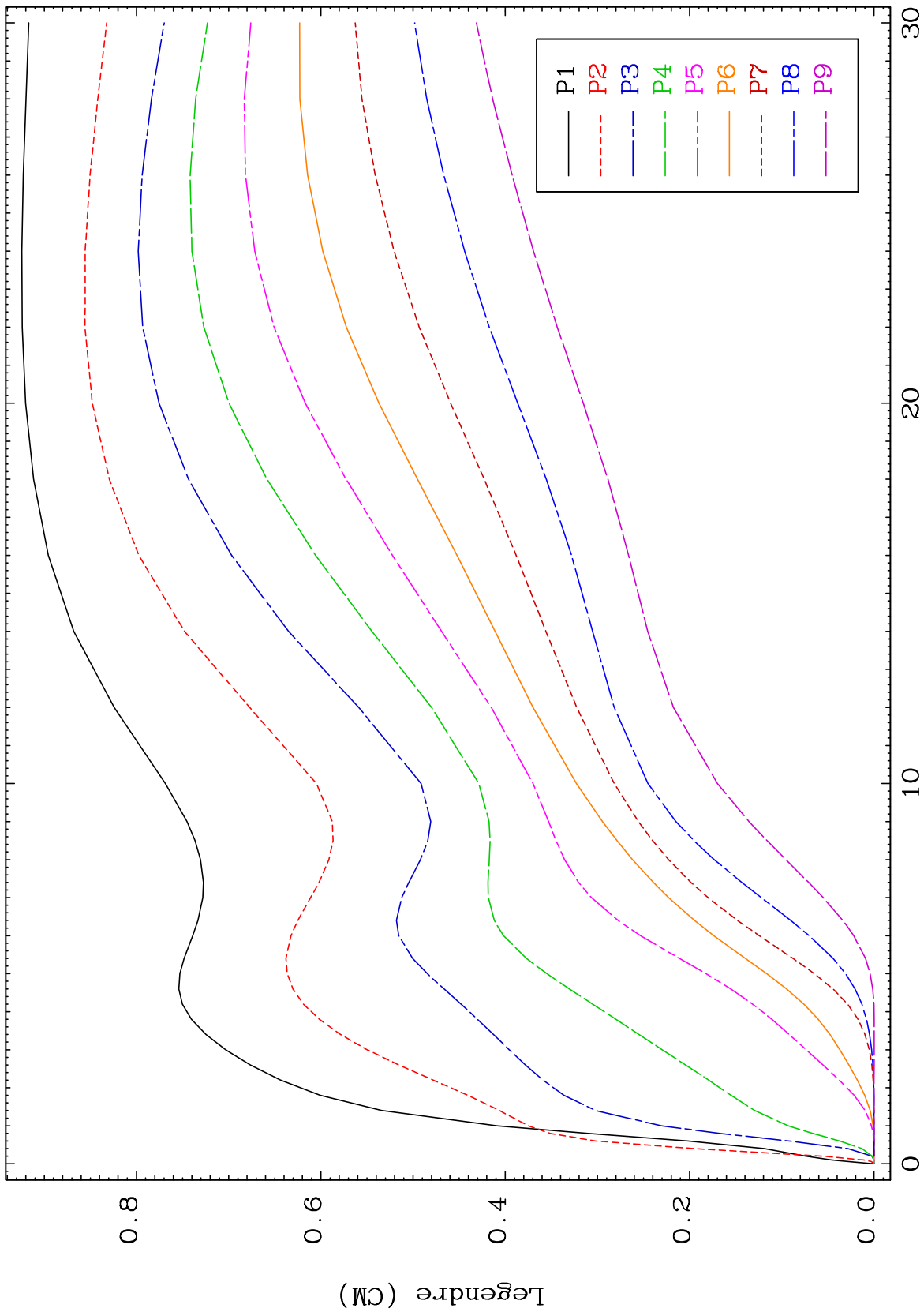
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

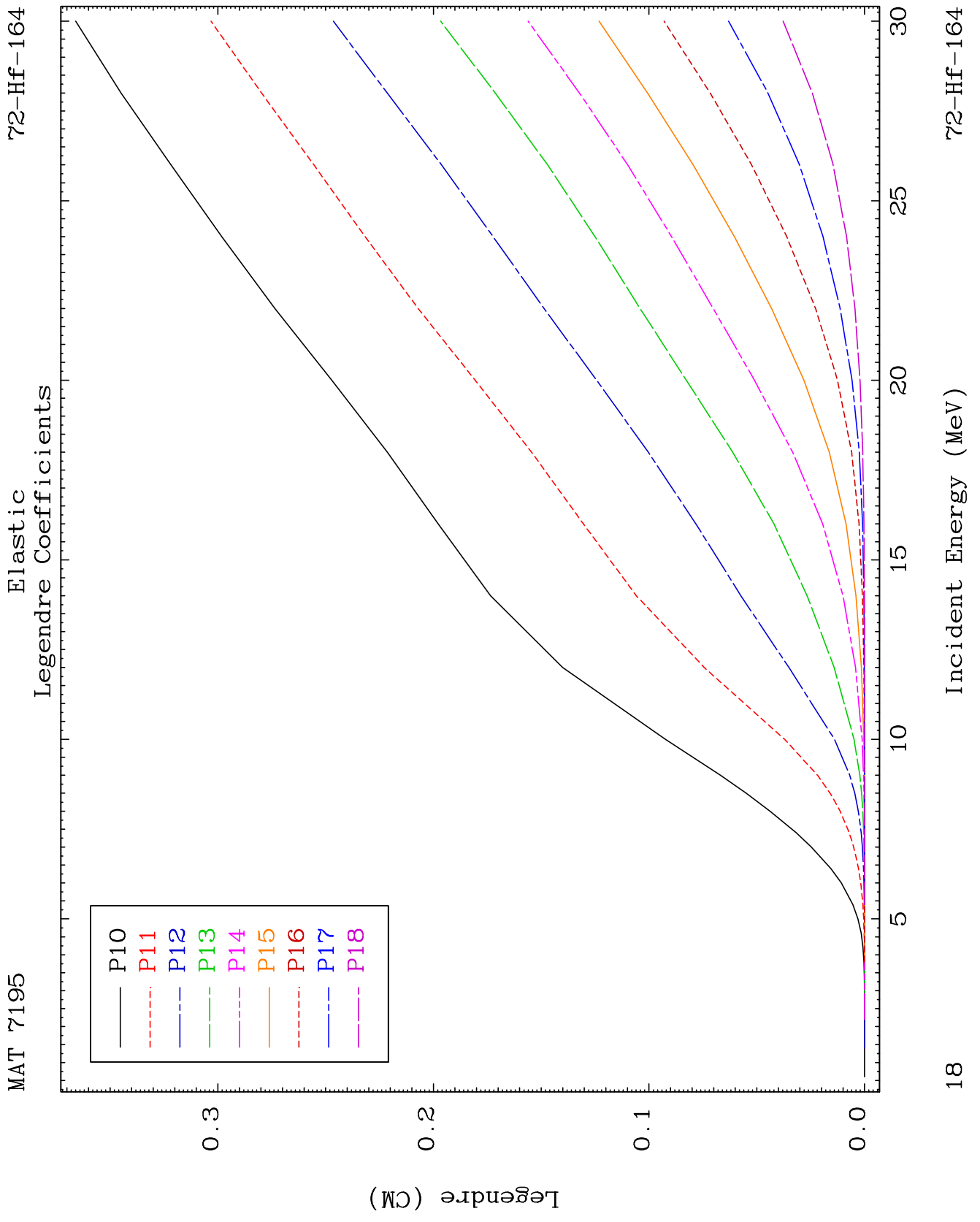
Elastic Legendre Coefficients



17

Incident Energy (MeV)

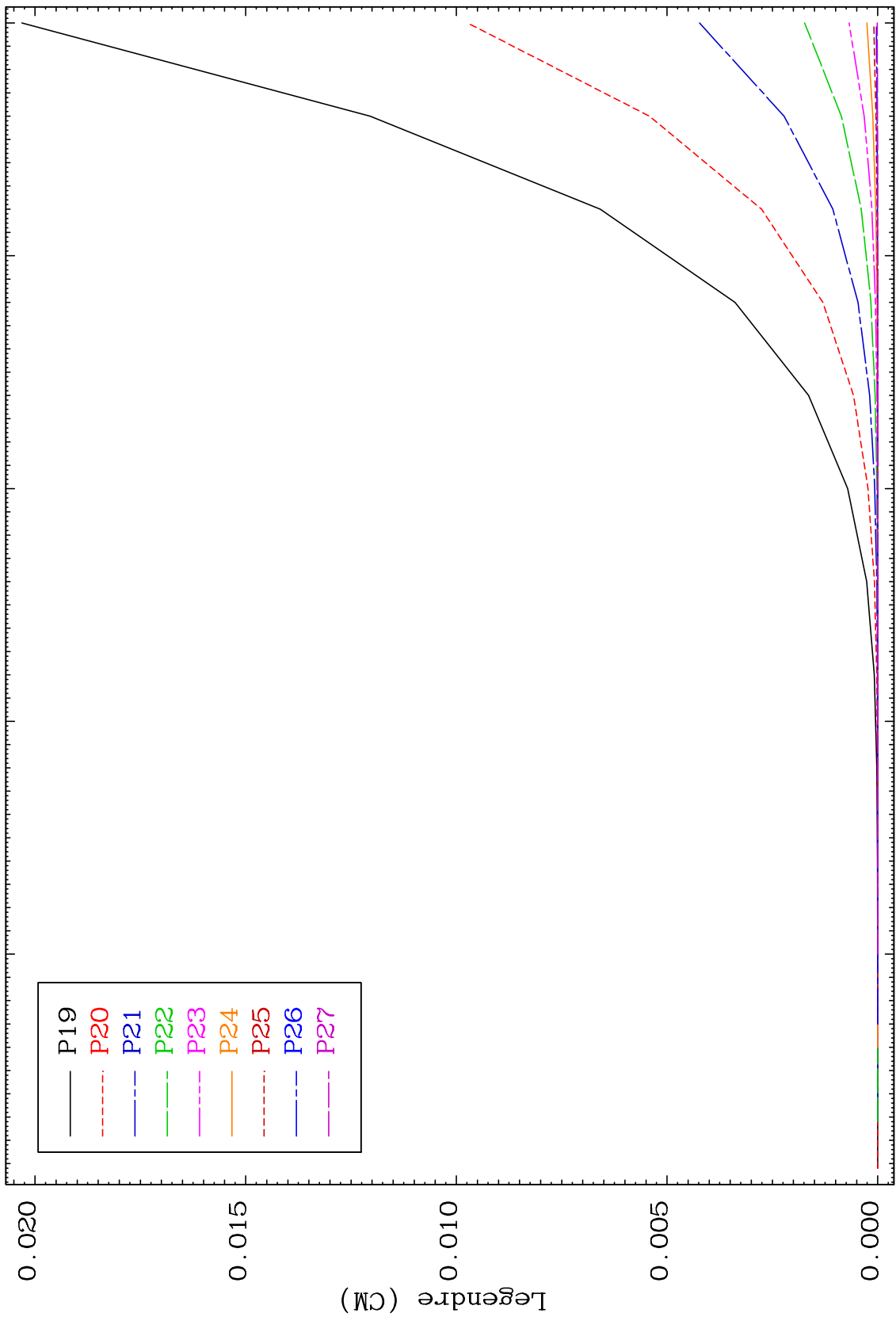
72-Hf-164



MAT 7195

Elastic Legendre Coefficients

72-Hf-164



19

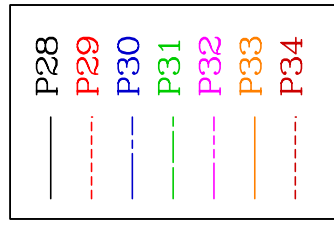
Incident Energy (MeV)

72-Hf-164

MAT 7195

Elastic Legendre Coefficients

72-Hf-164

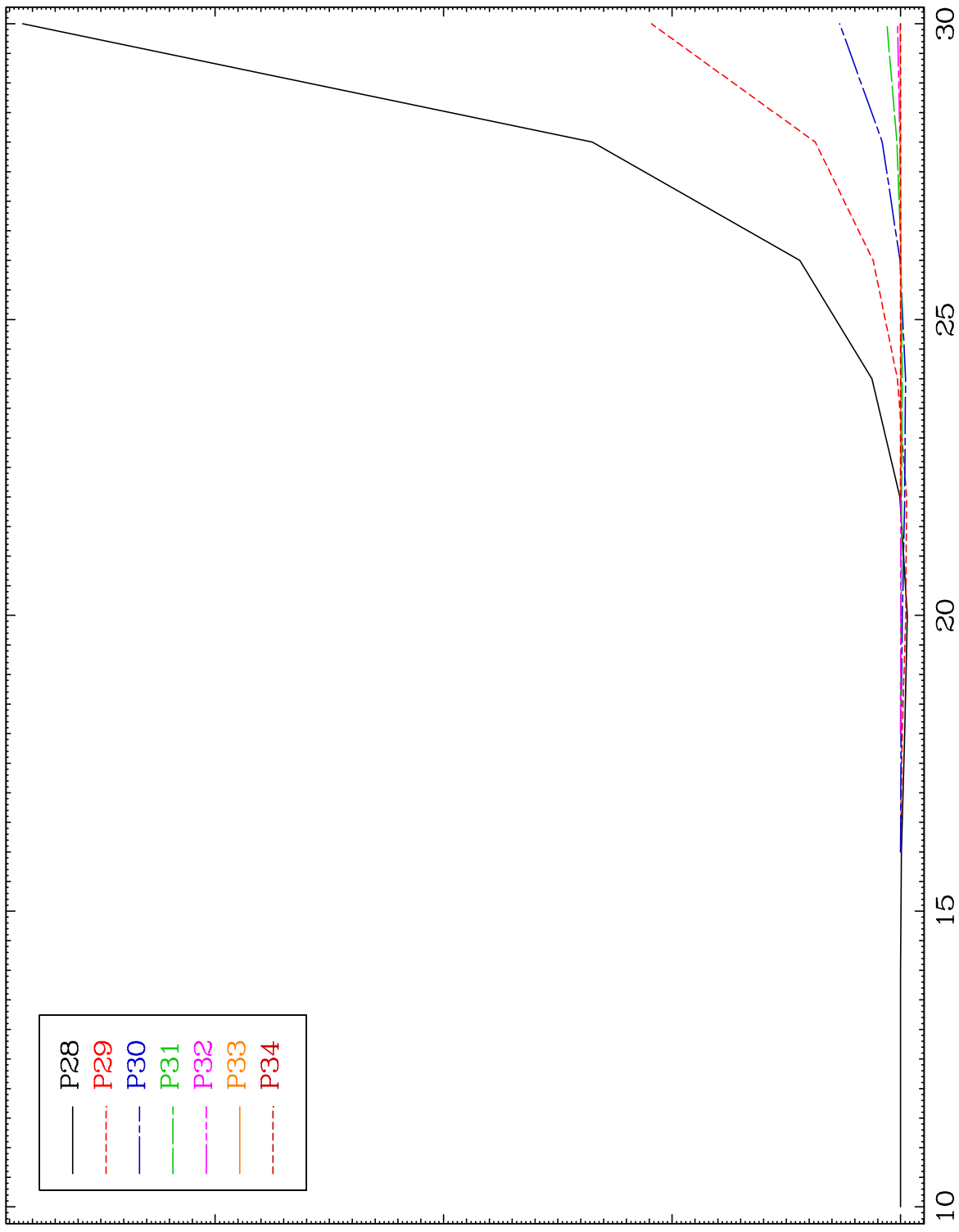


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

72-Hf-164

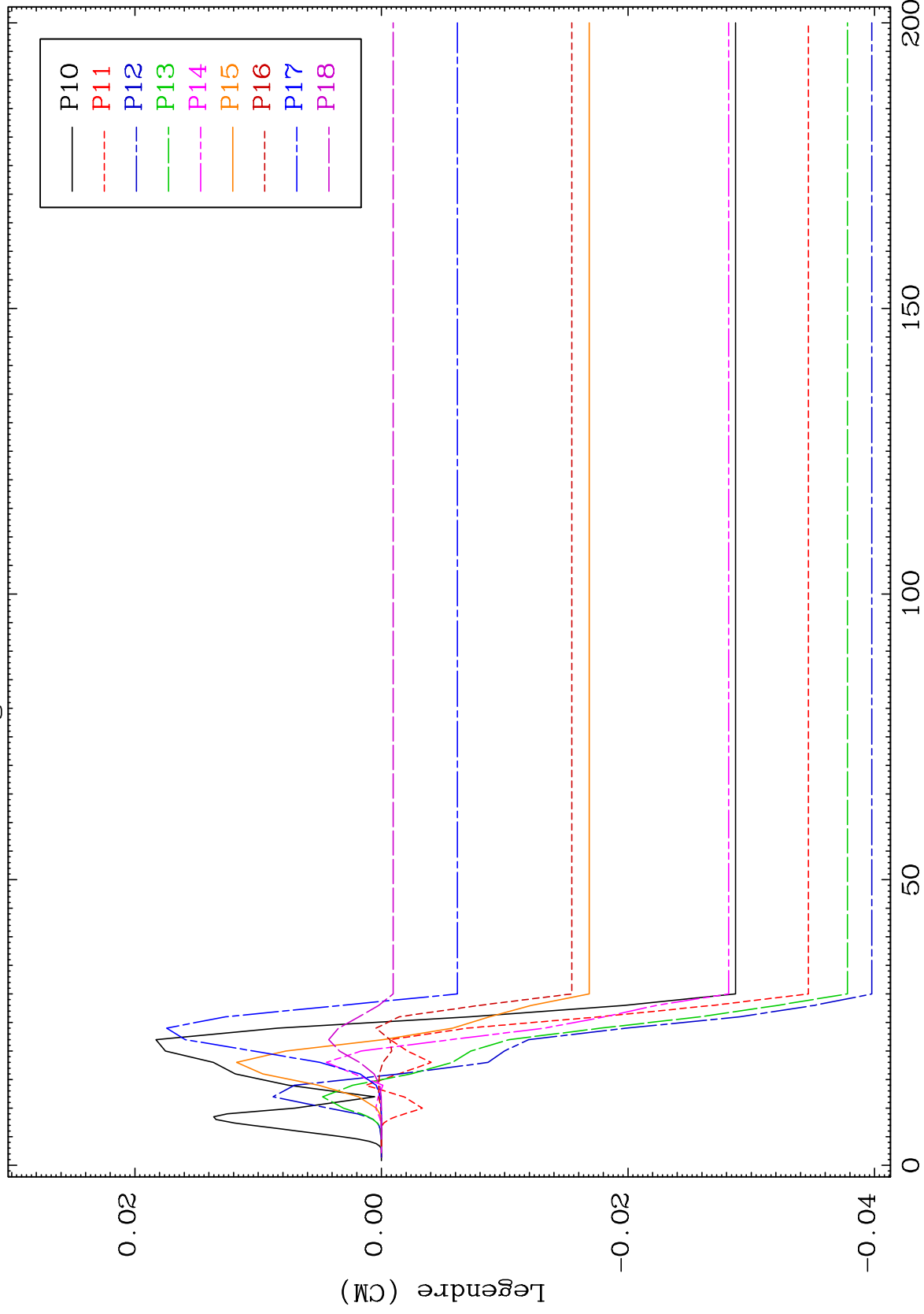




MAT 7195

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

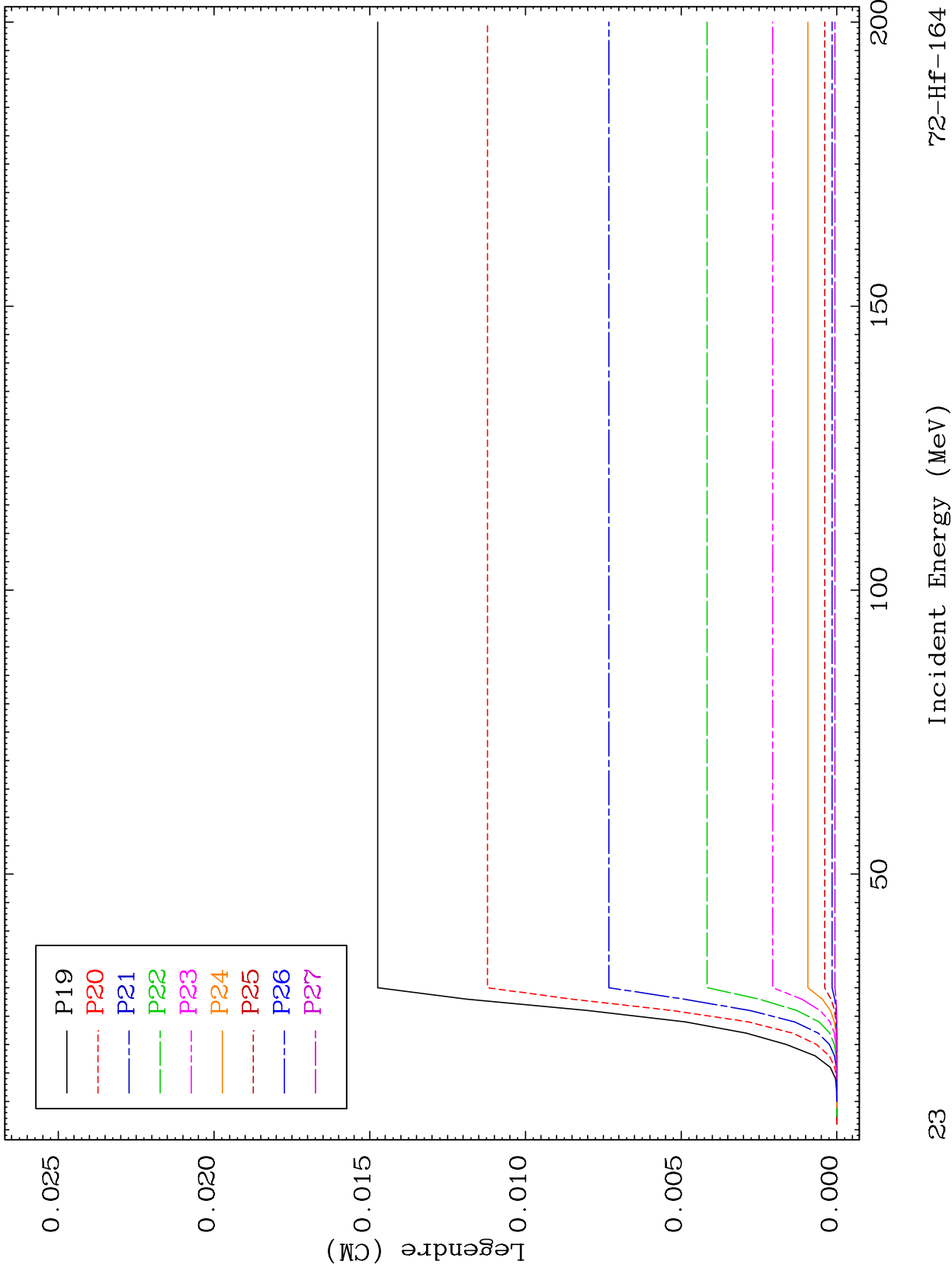
72-Hf-164



22

Incident Energy (MeV)

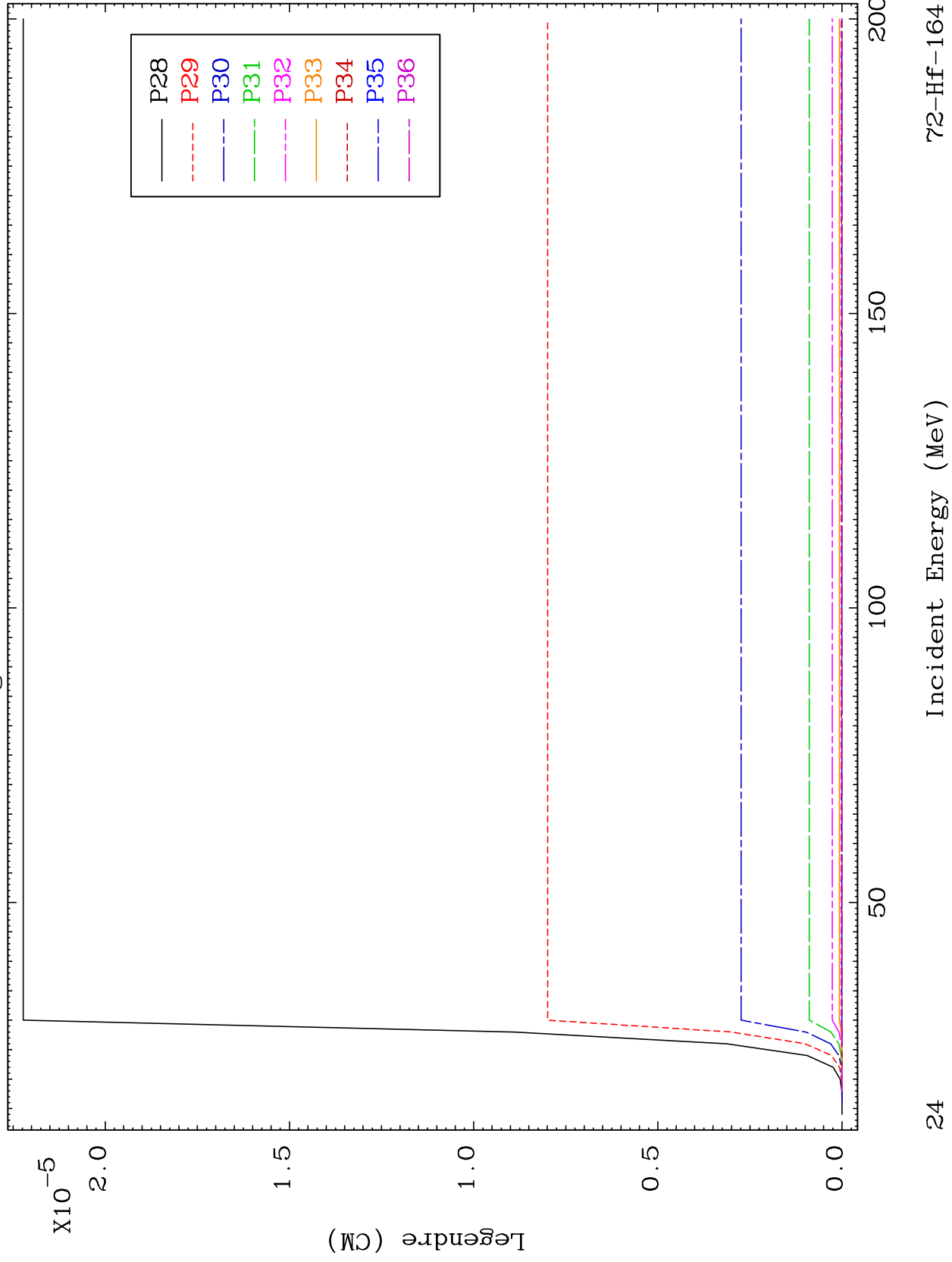
72-Hf-164

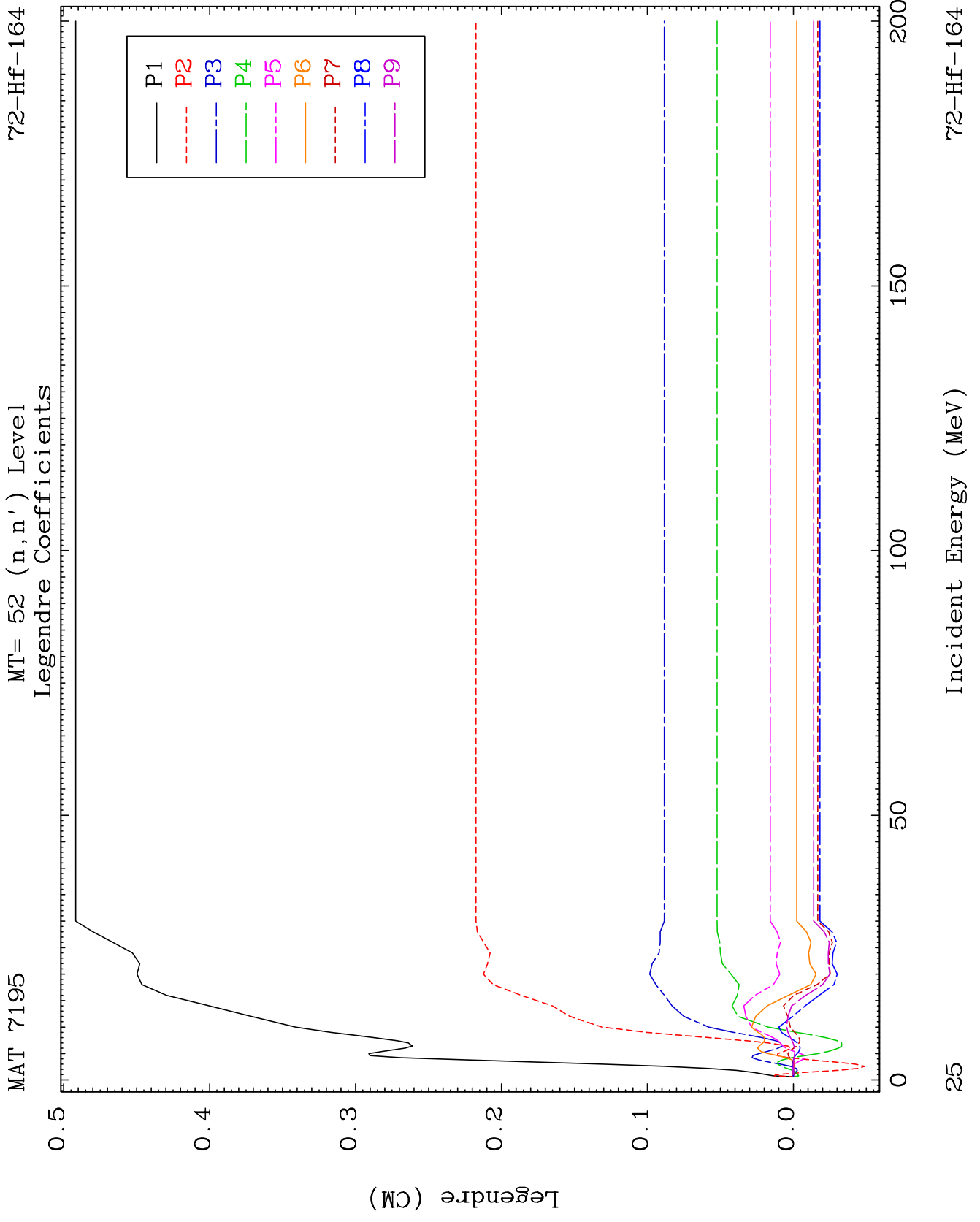


MAT 7195

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

72-Hf-164

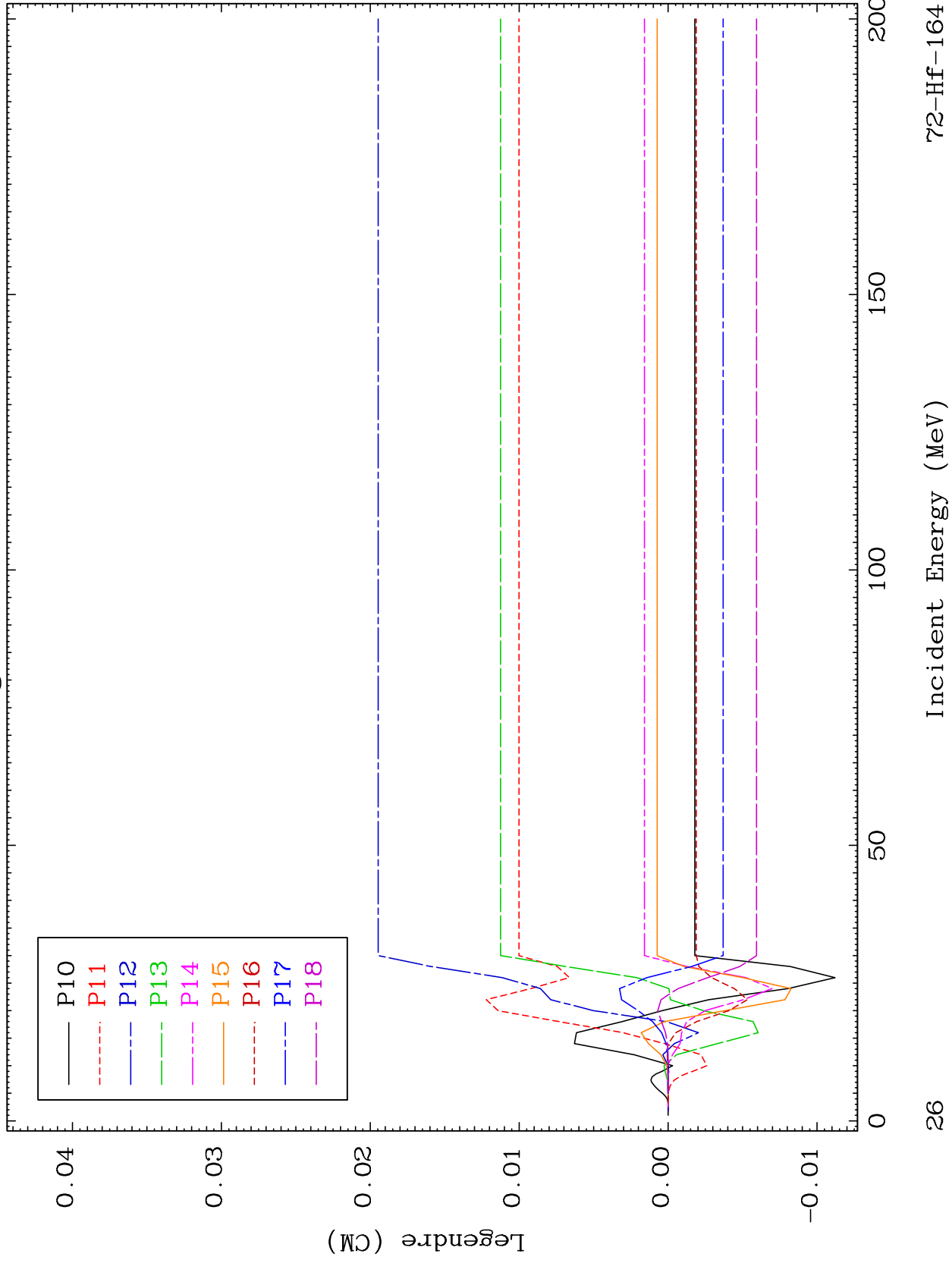




MAT 7195

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

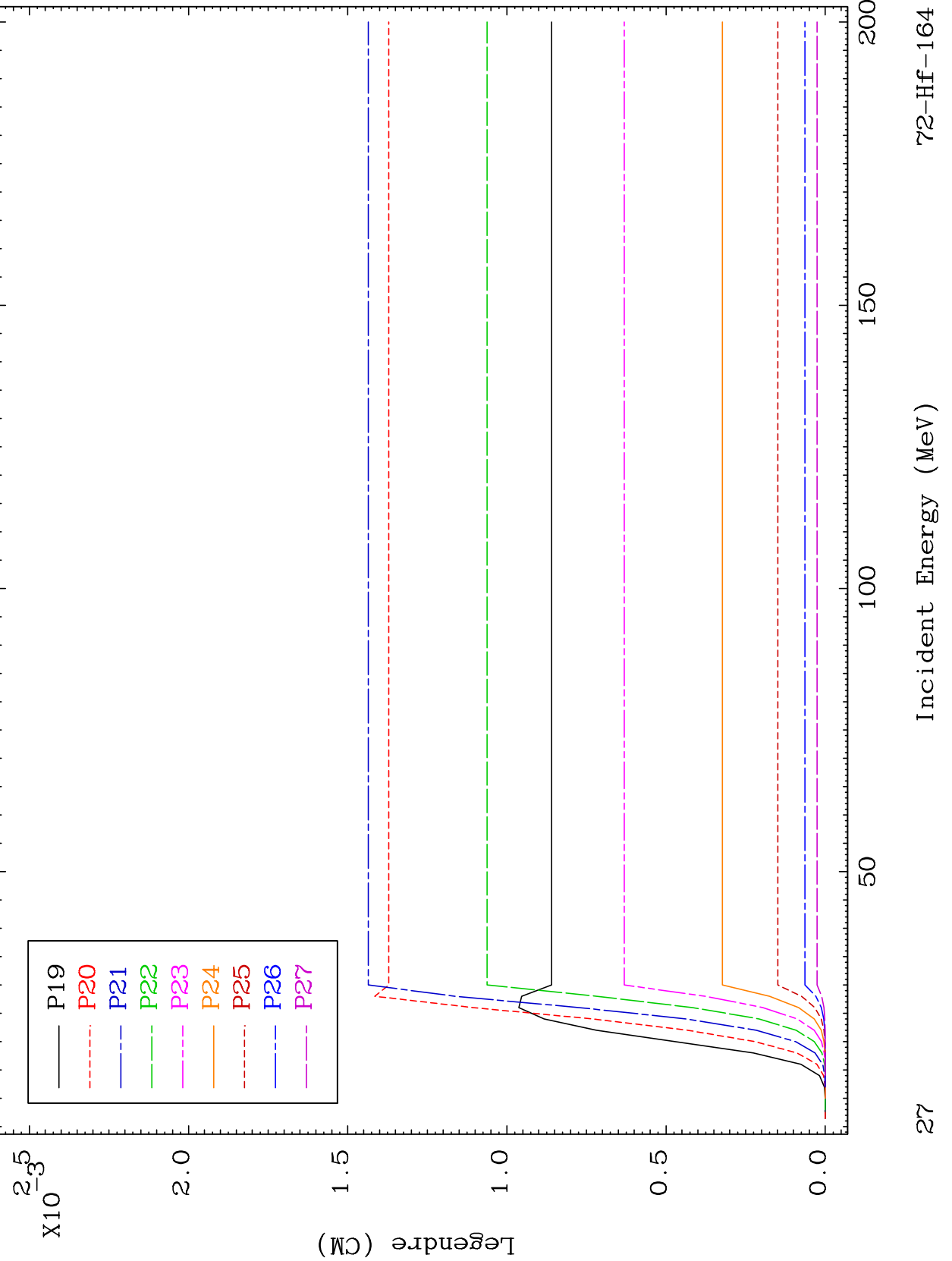
72-Hf-164



26

Incident Energy (MeV)

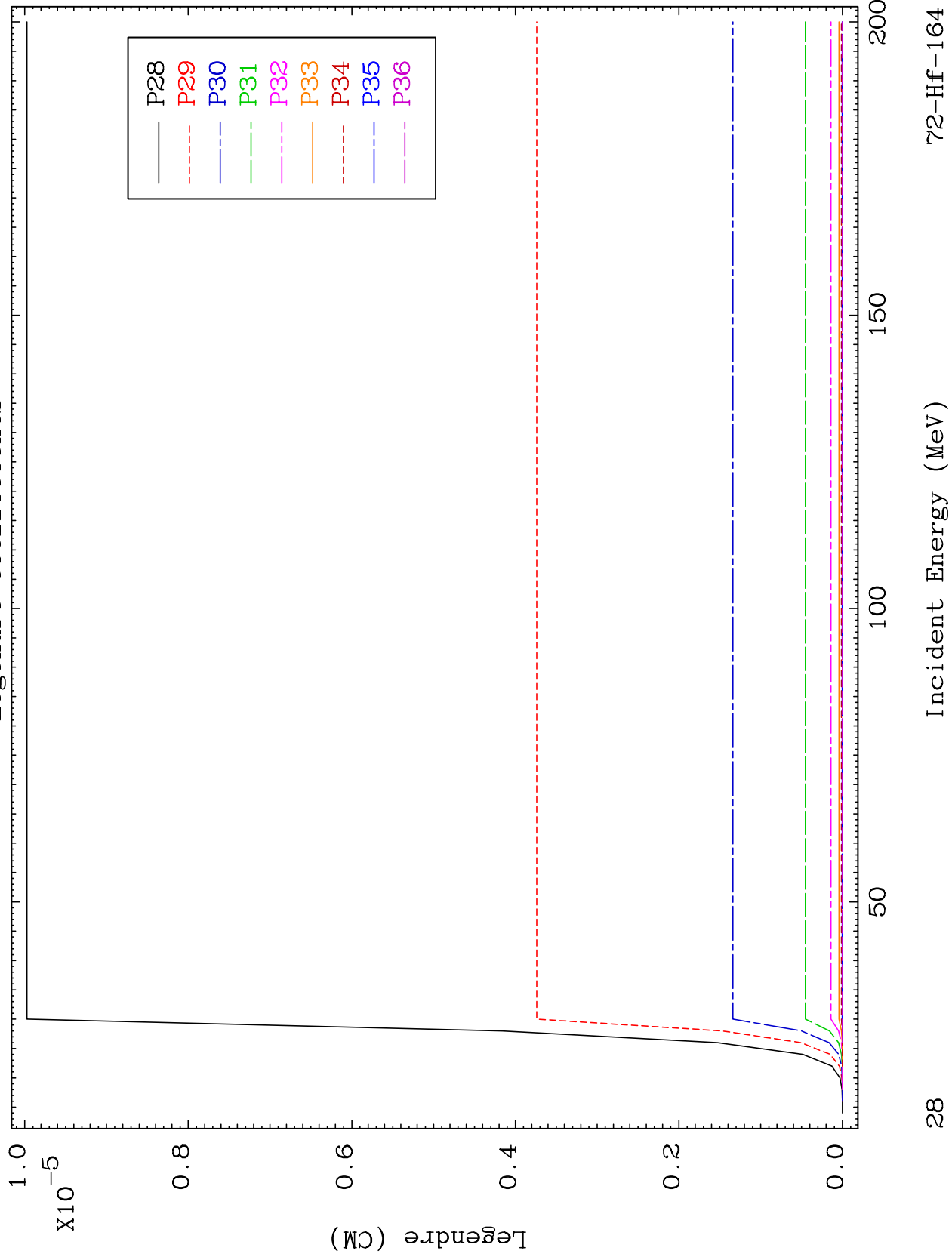
72-Hf-164



MAT 7195

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

72-Hf-164



28

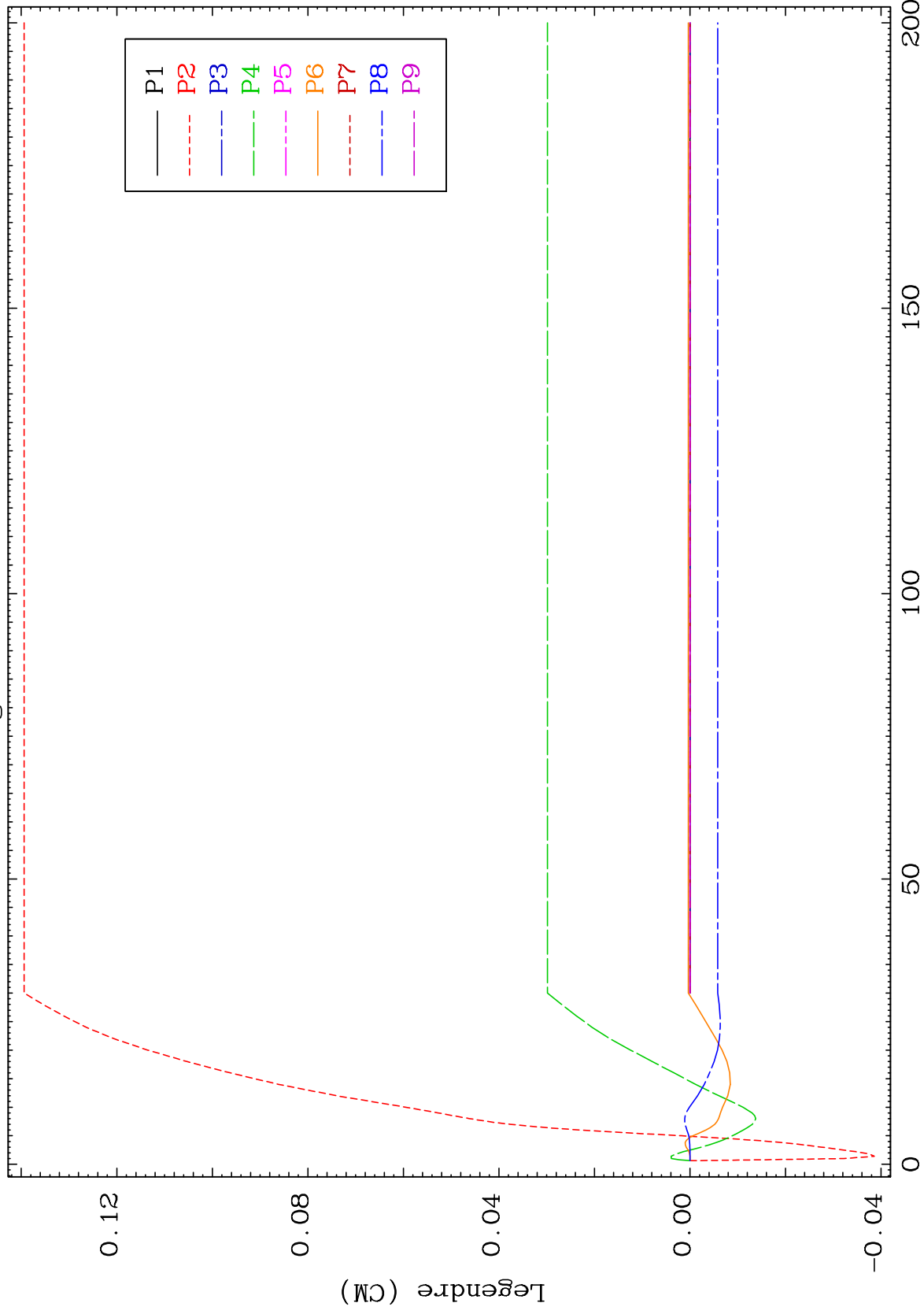
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



29

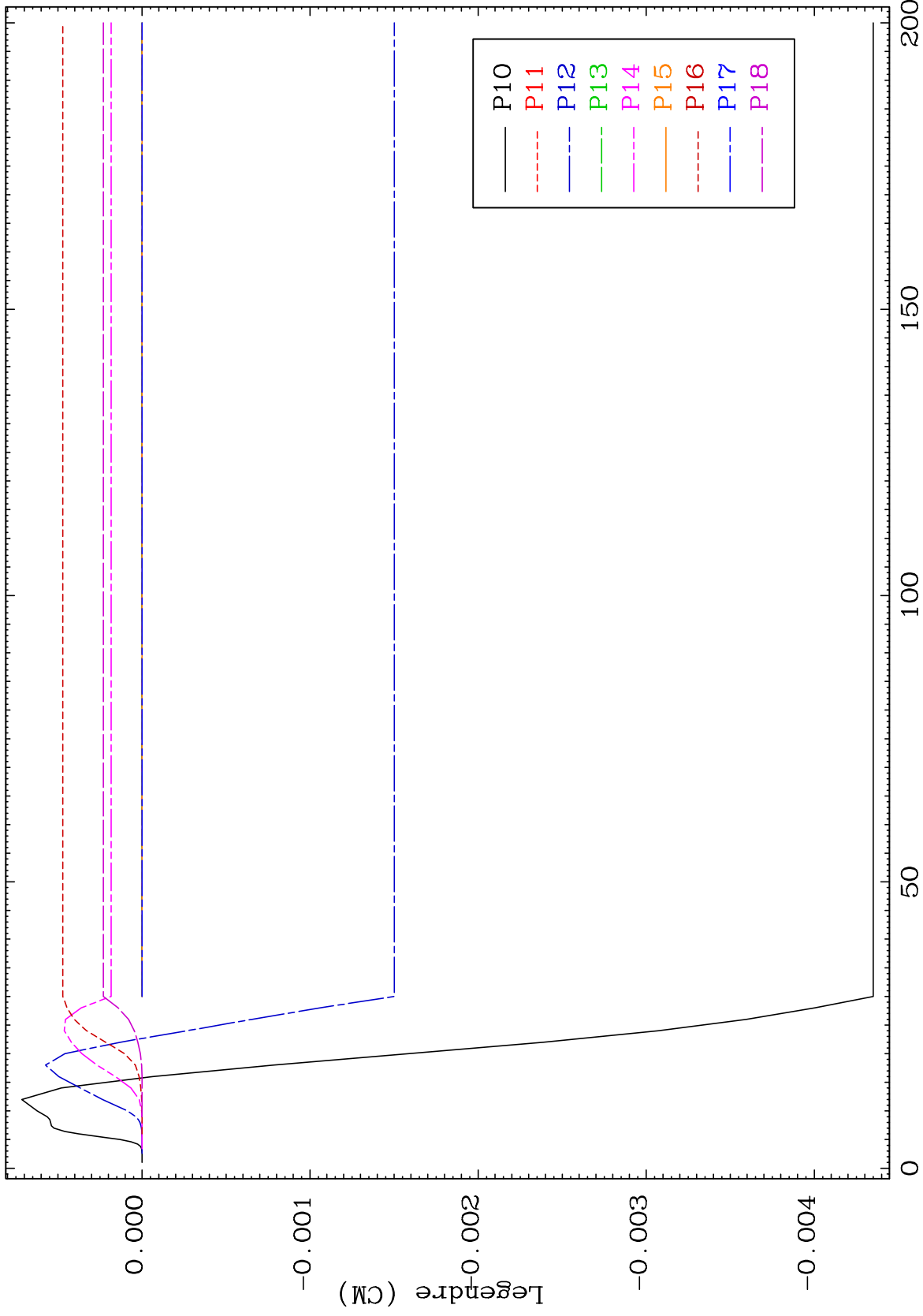
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

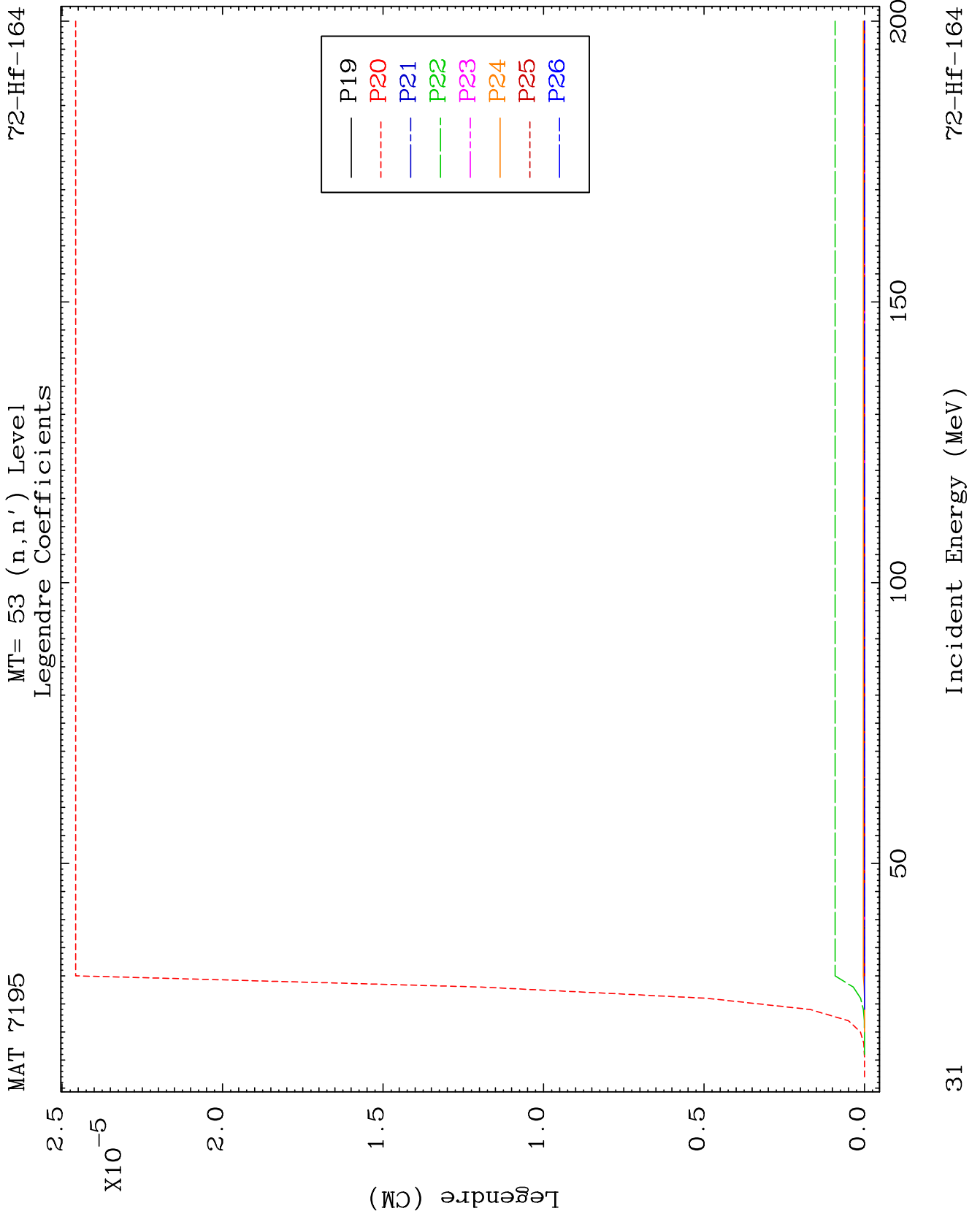
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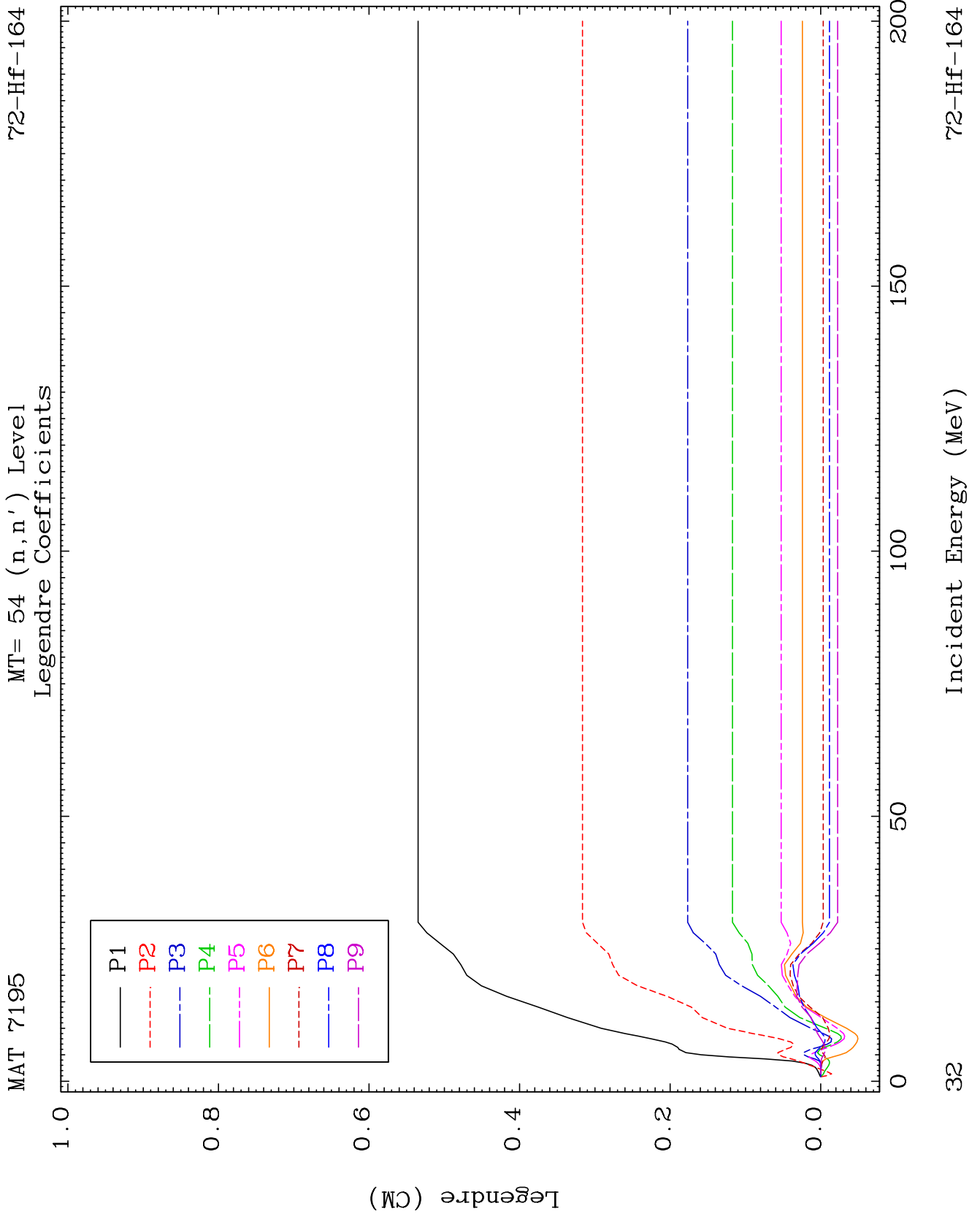


30

Incident Energy (MeV)

72-Hf-164

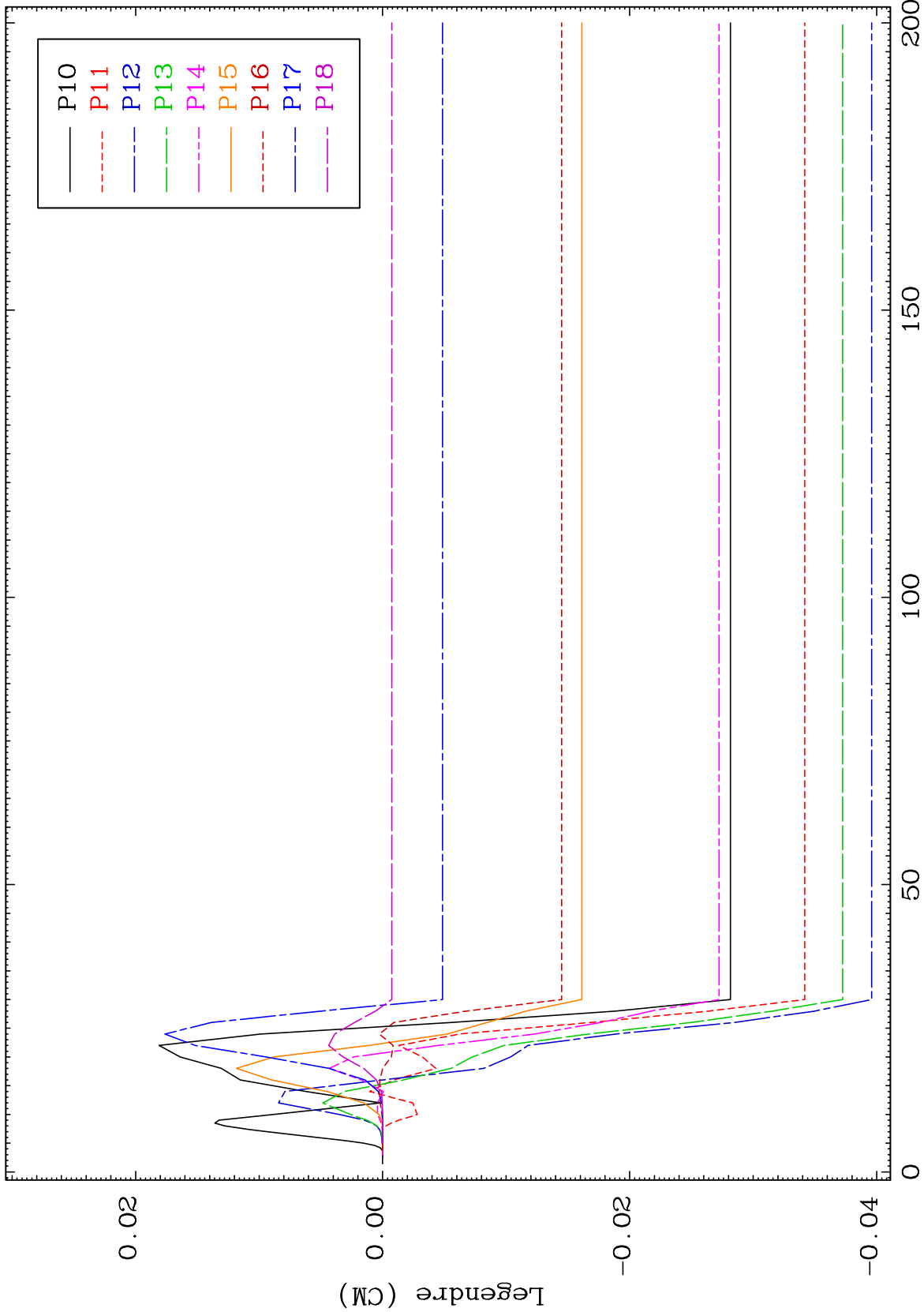




MAT 7195

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

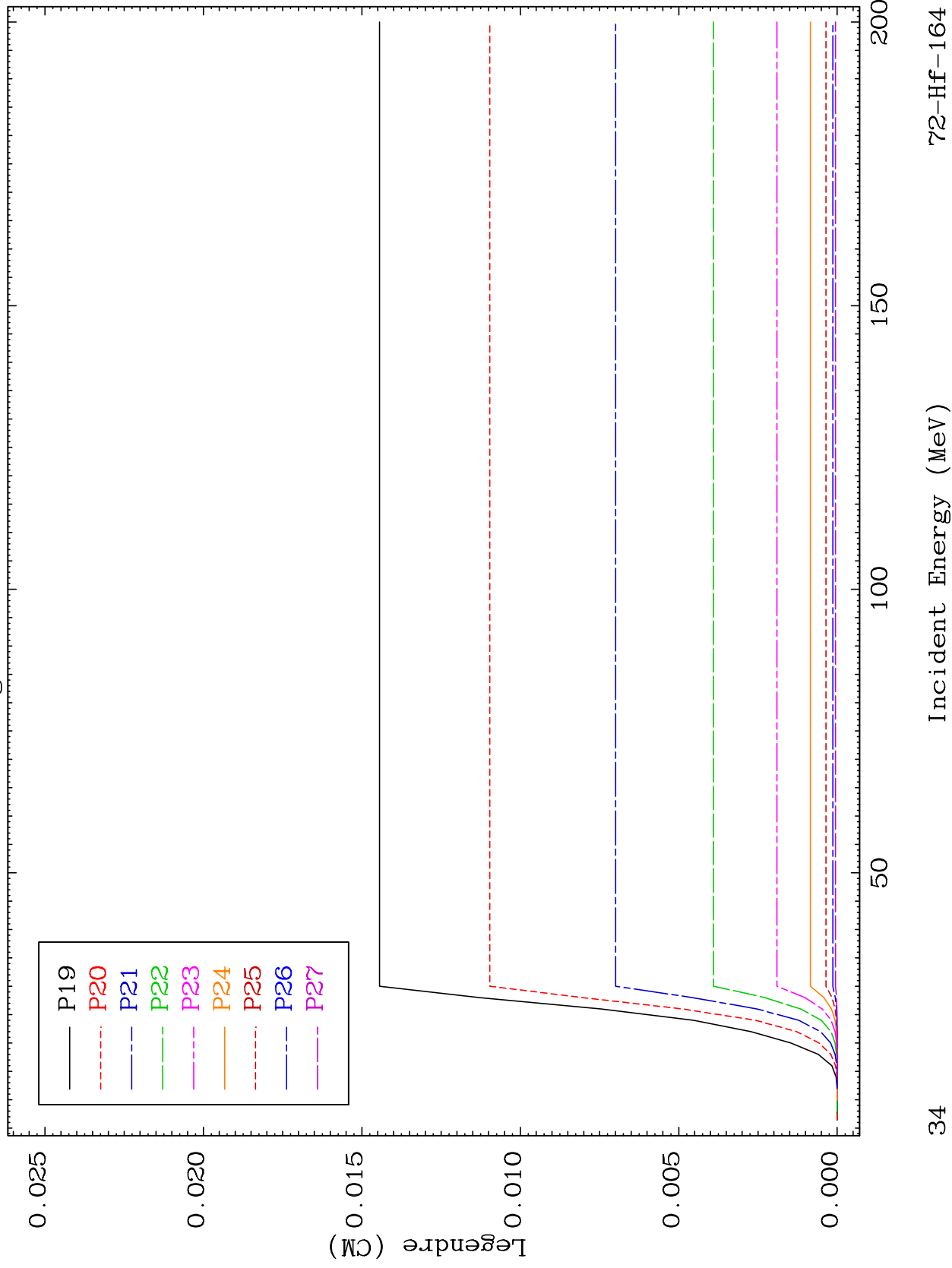
72-Hf-164



33

Incident Energy (MeV)

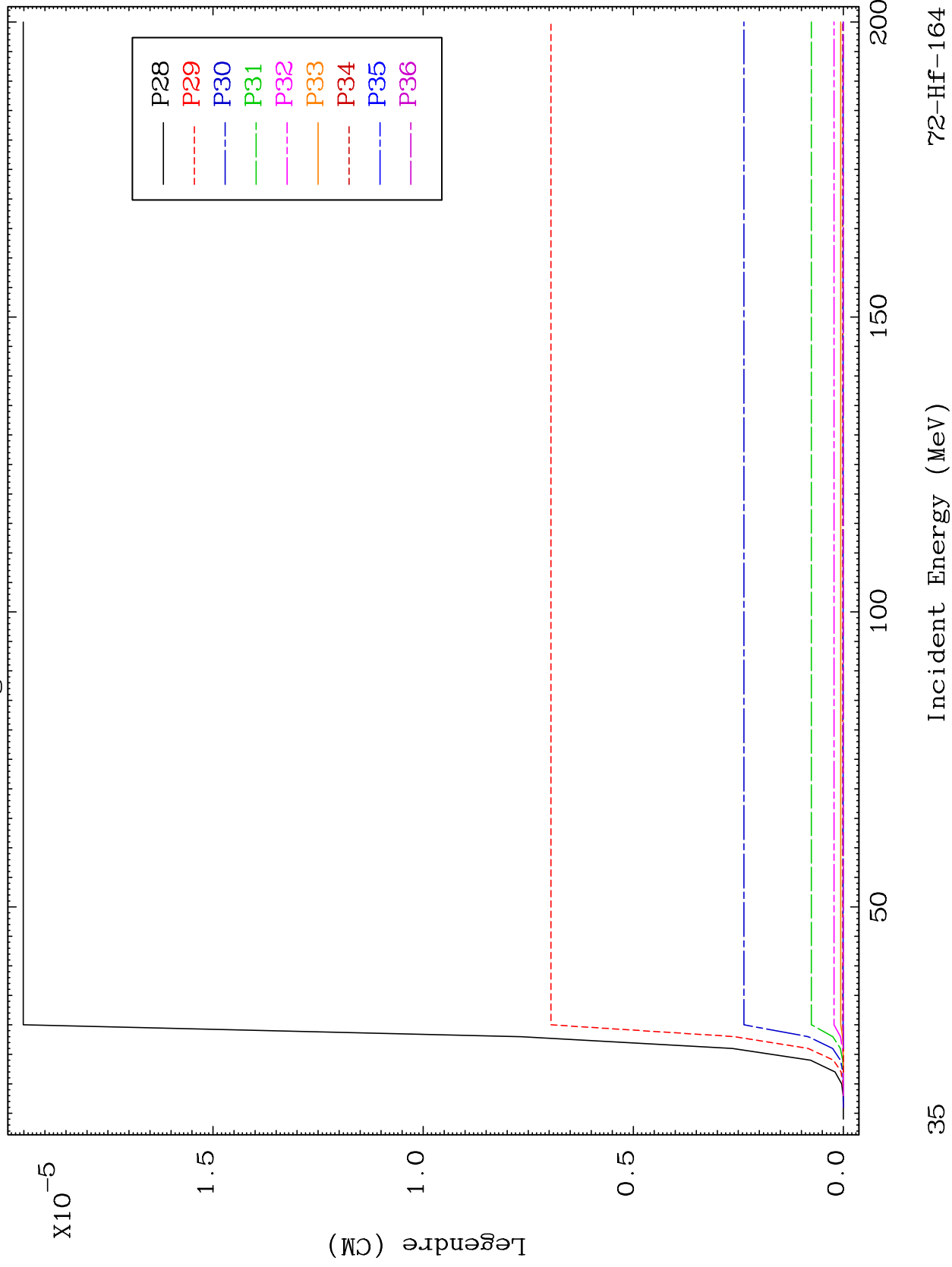
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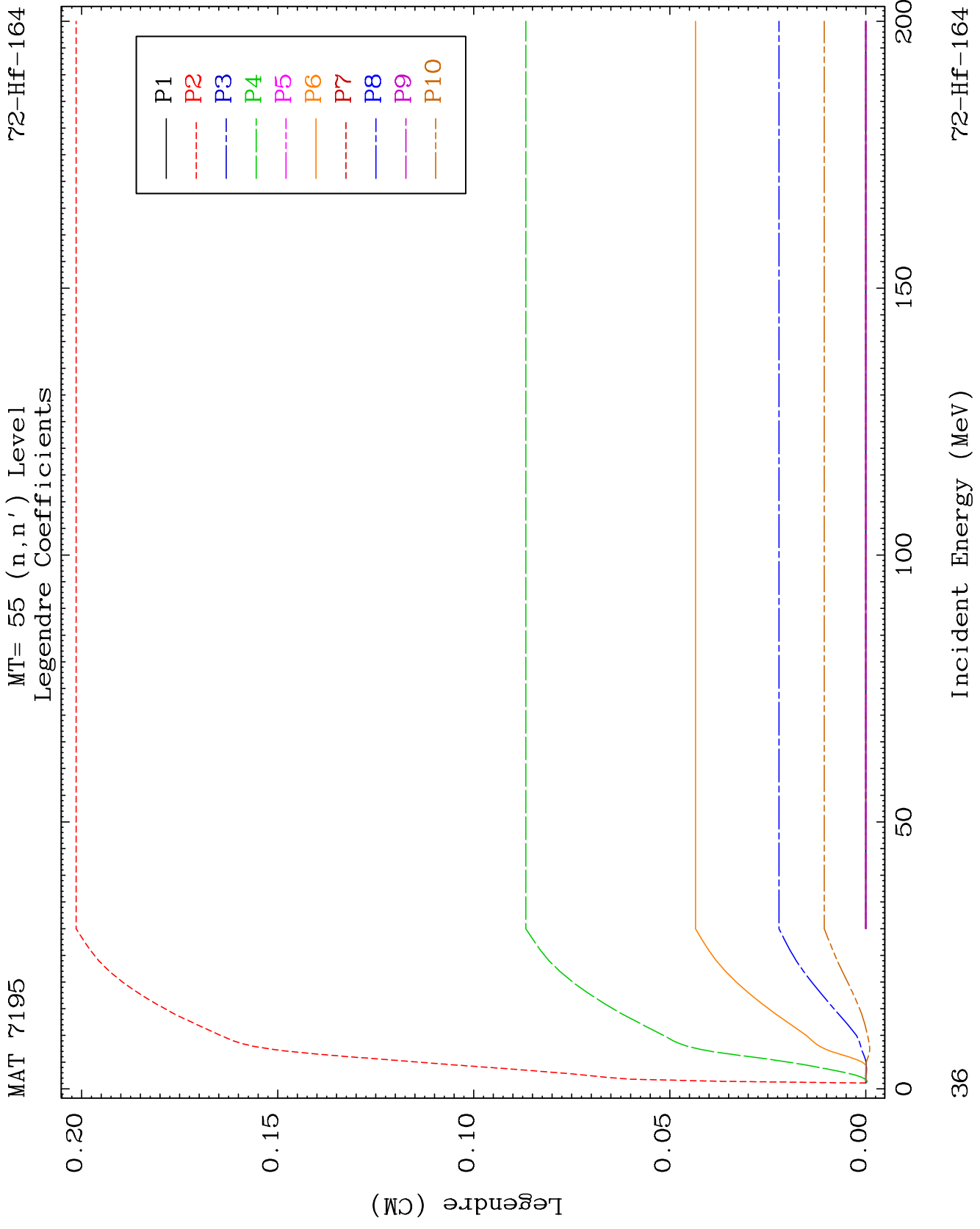


MAT 7195

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

72-Hf-164

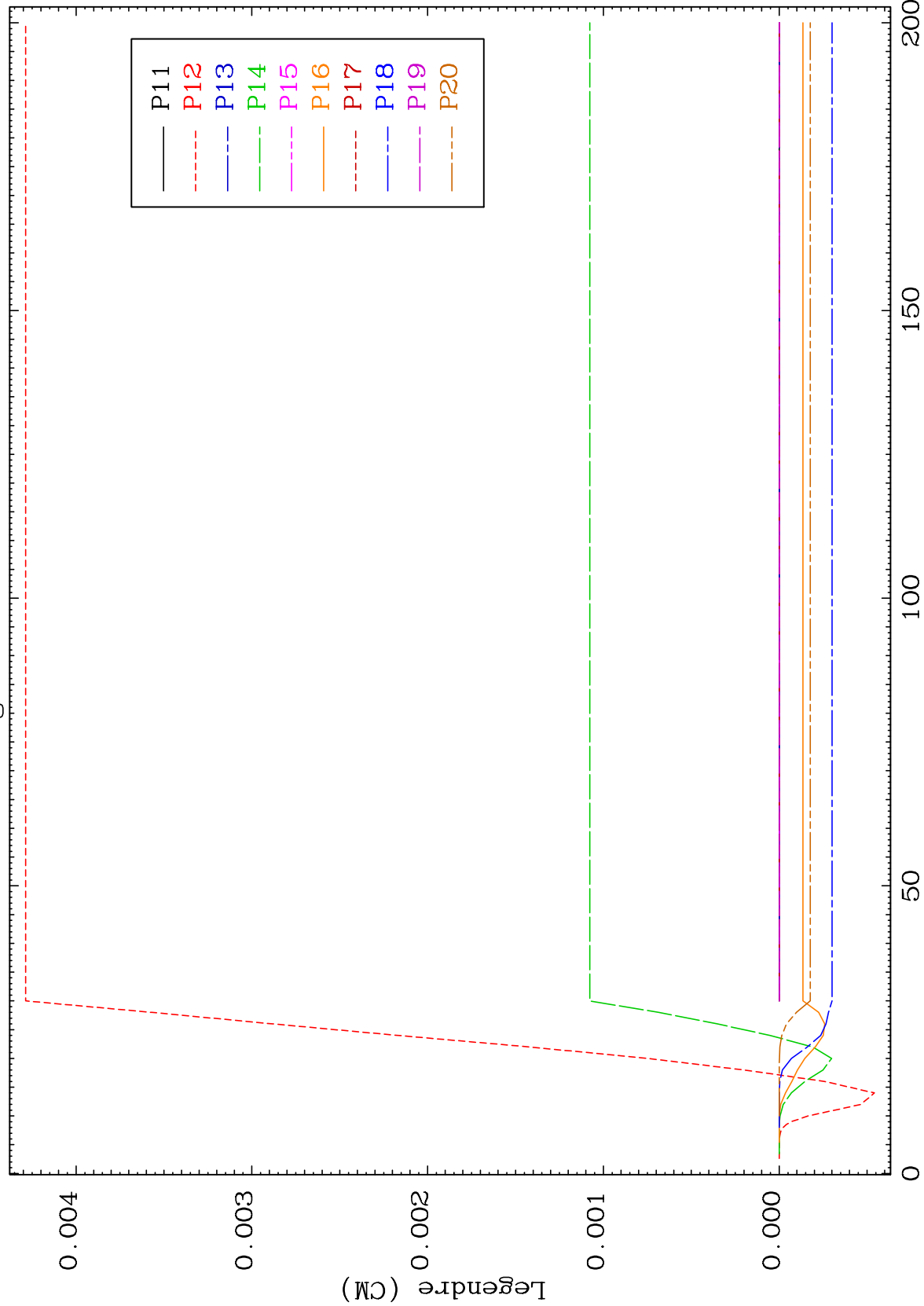




MAT 7195

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

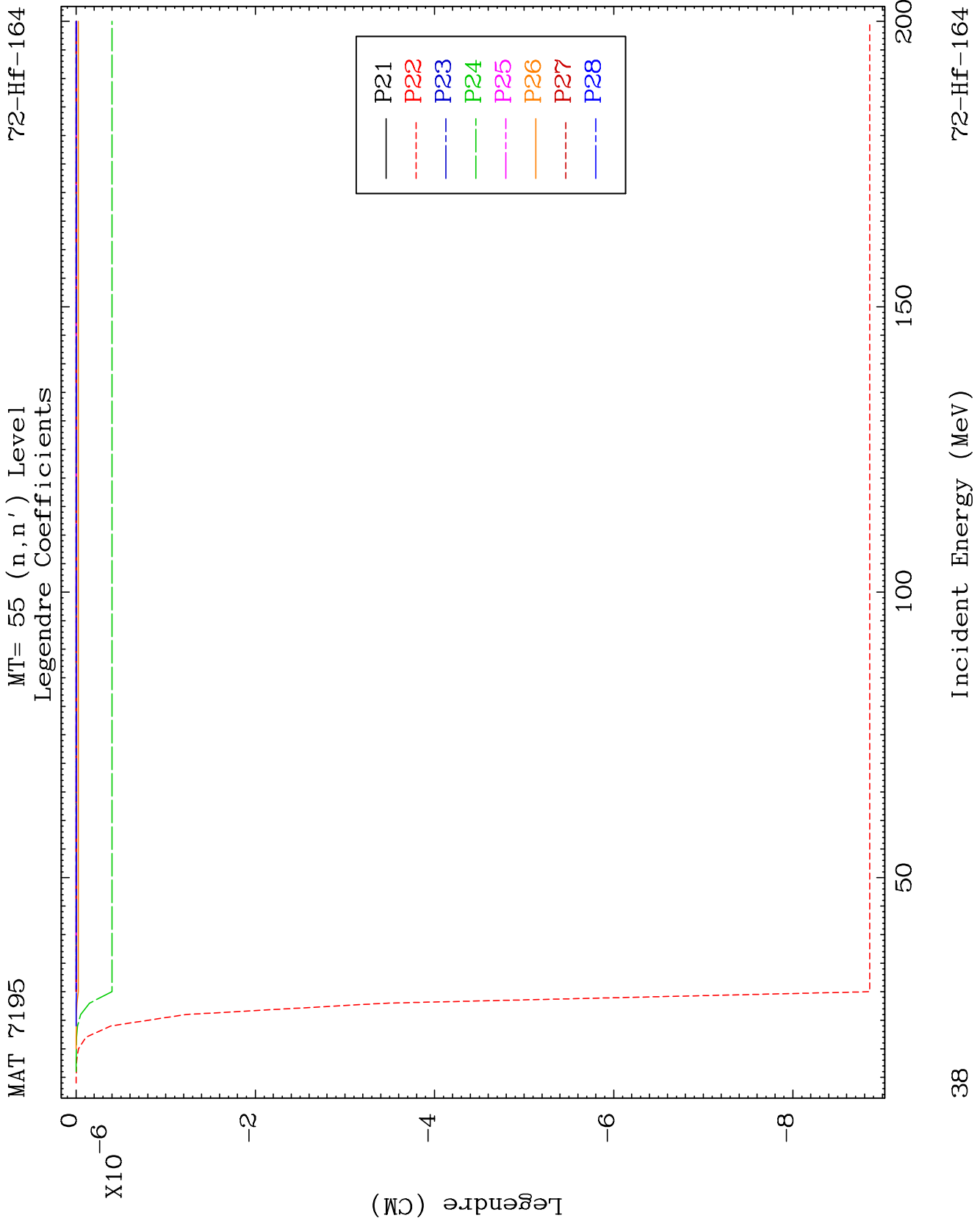
72-Hf-164



37

Incident Energy (MeV)

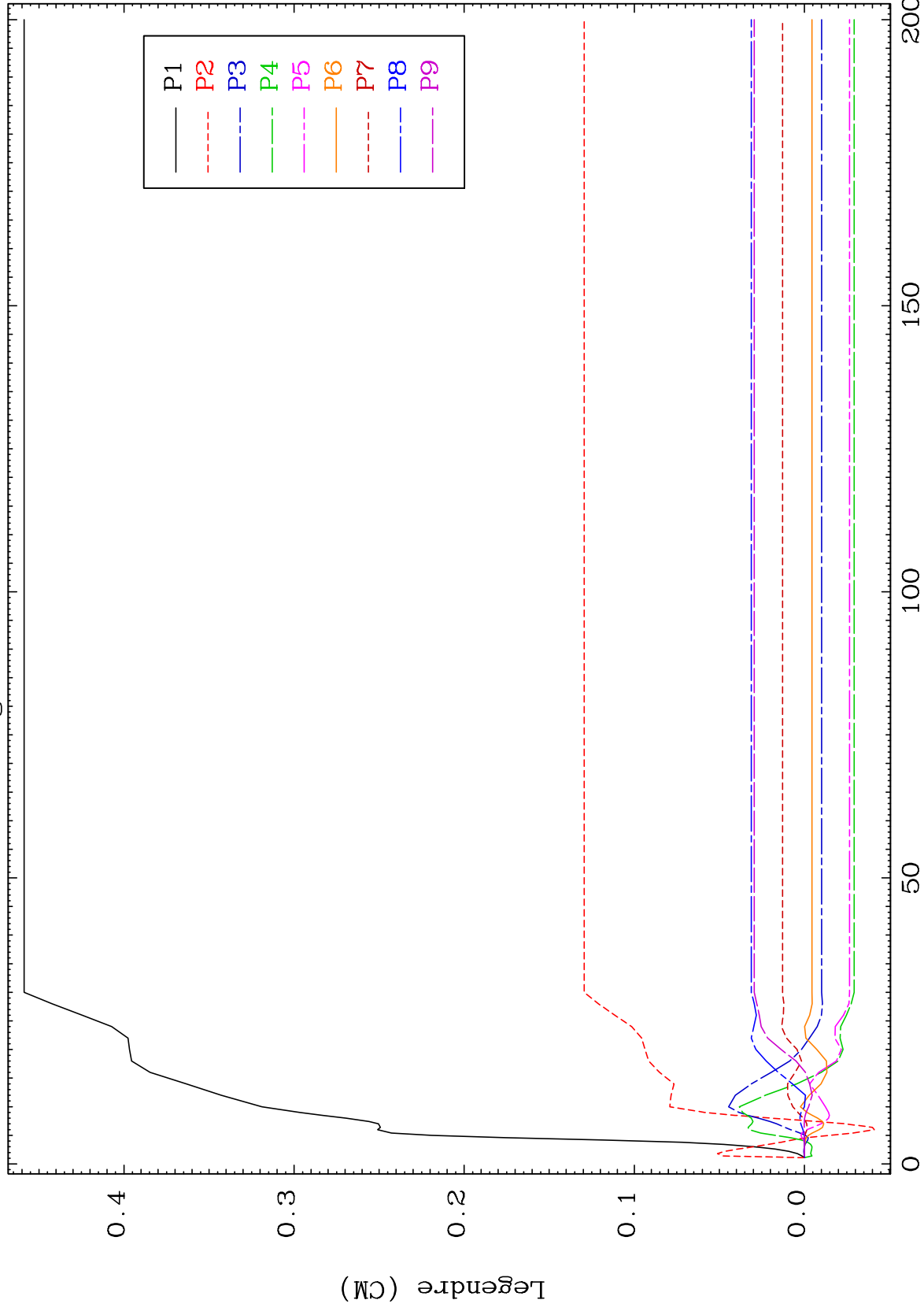
72-Hf-164



MAT 7195

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

72-Hf-164

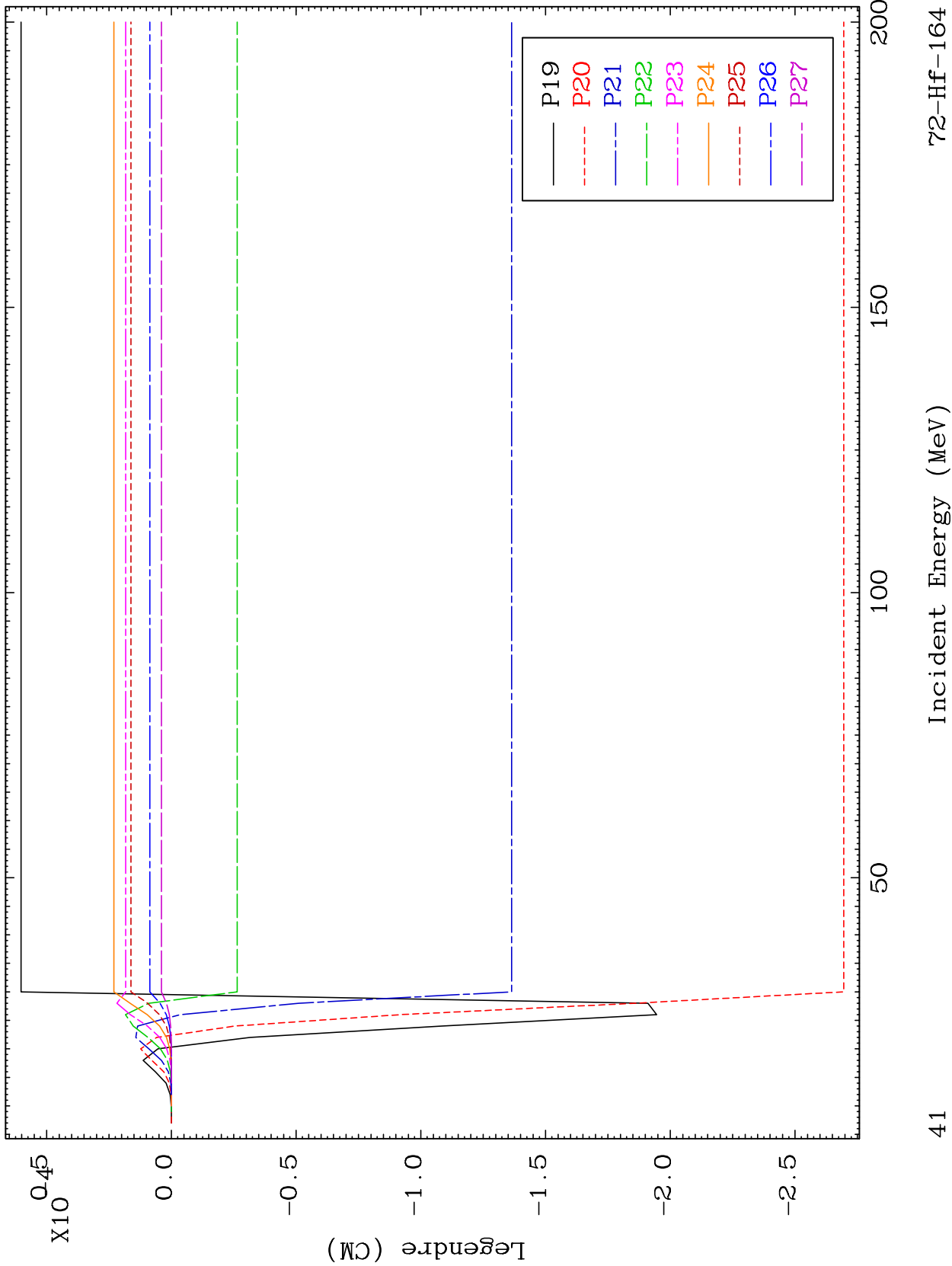


39

Incident Energy (MeV)

72-Hf-164

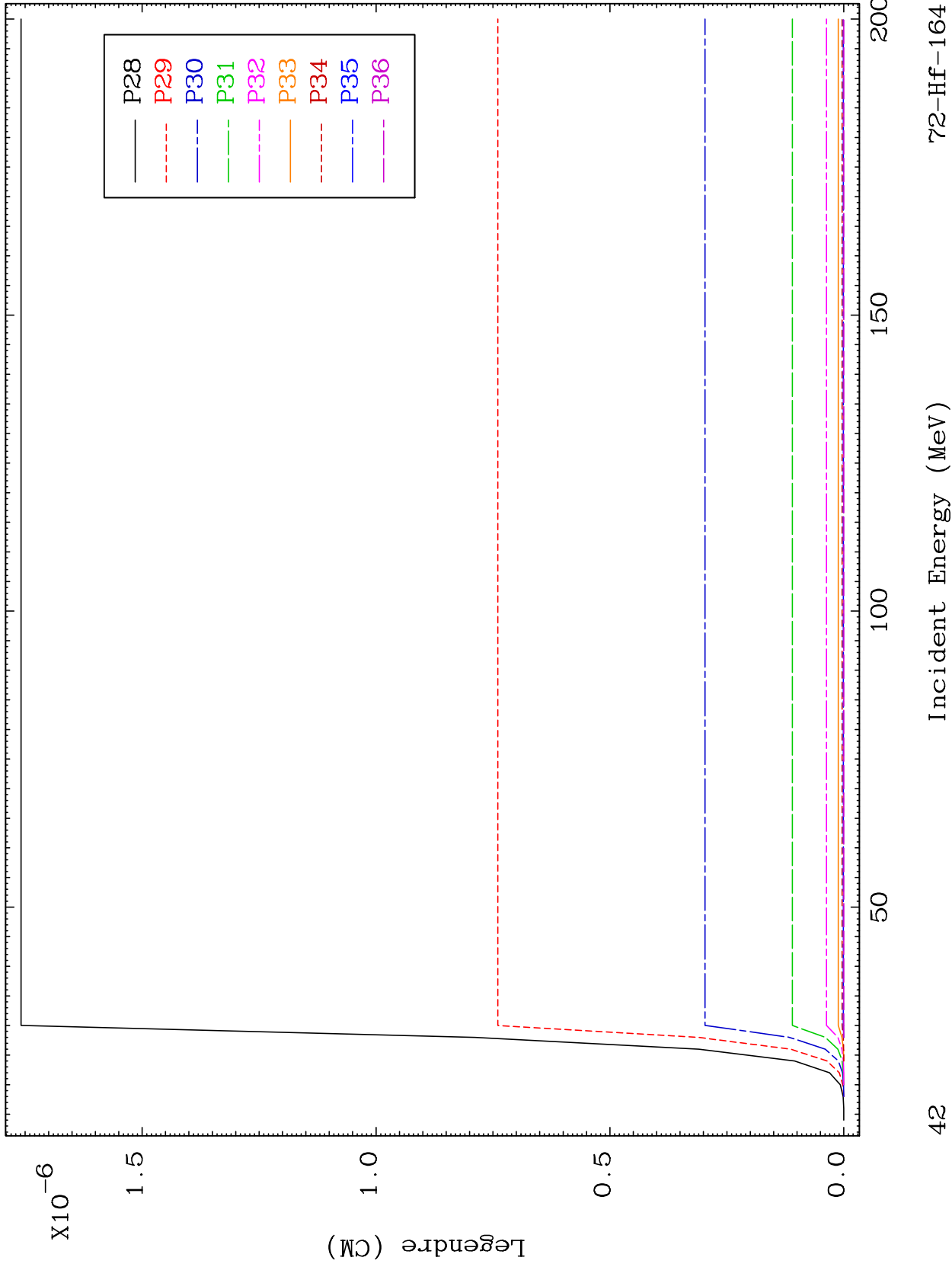




MAT 7195

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

72-Hf-164



42

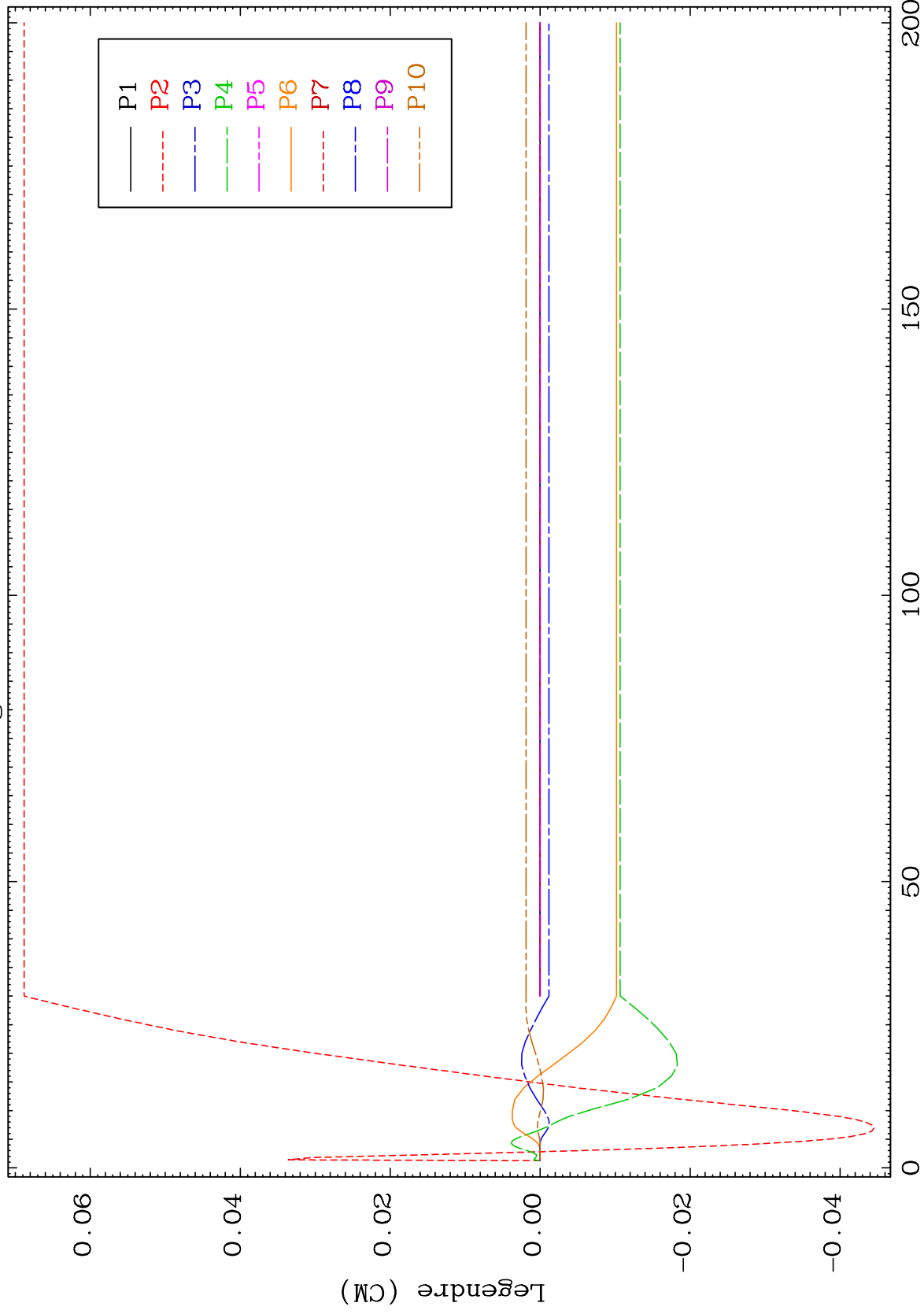
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



43

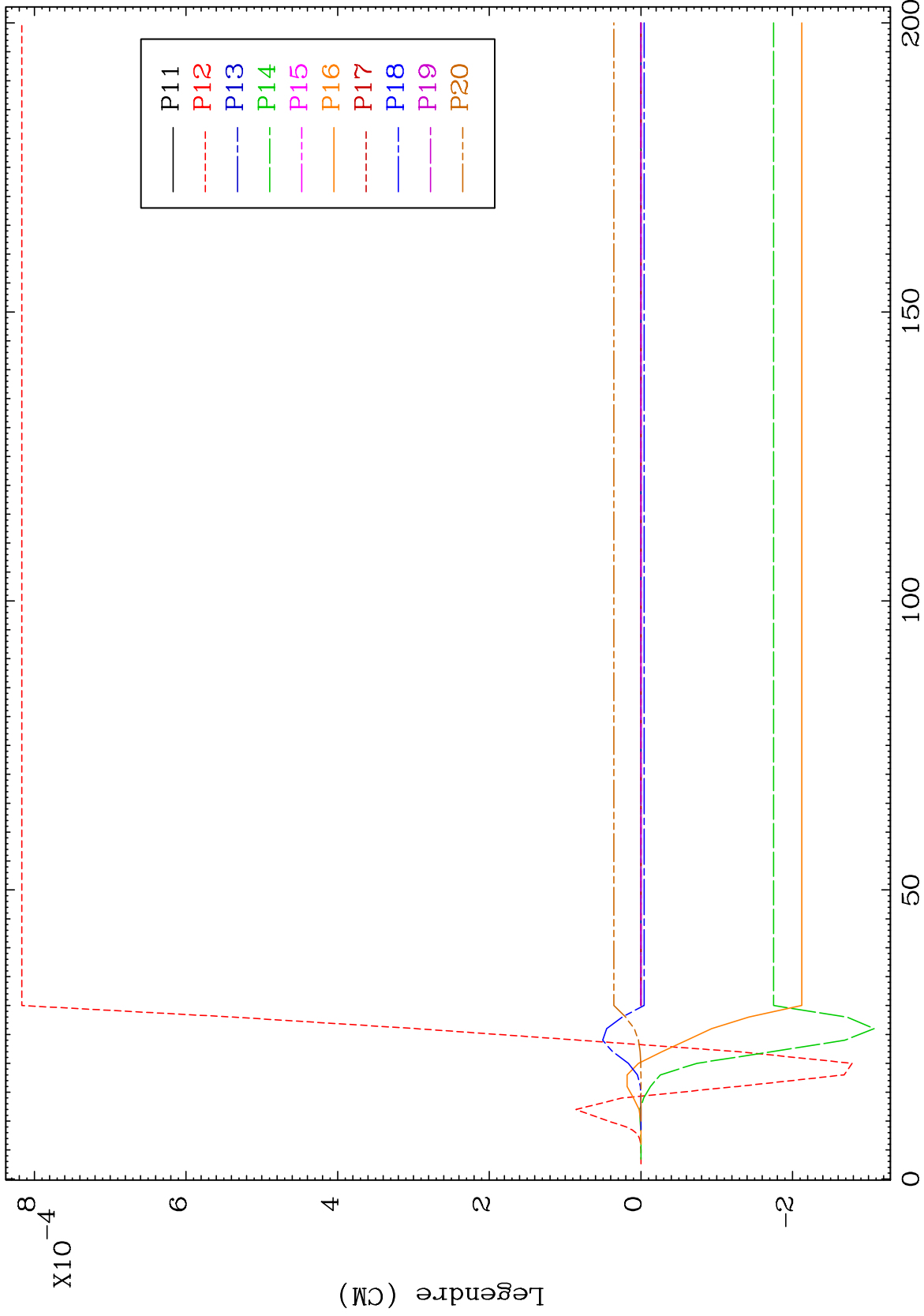
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

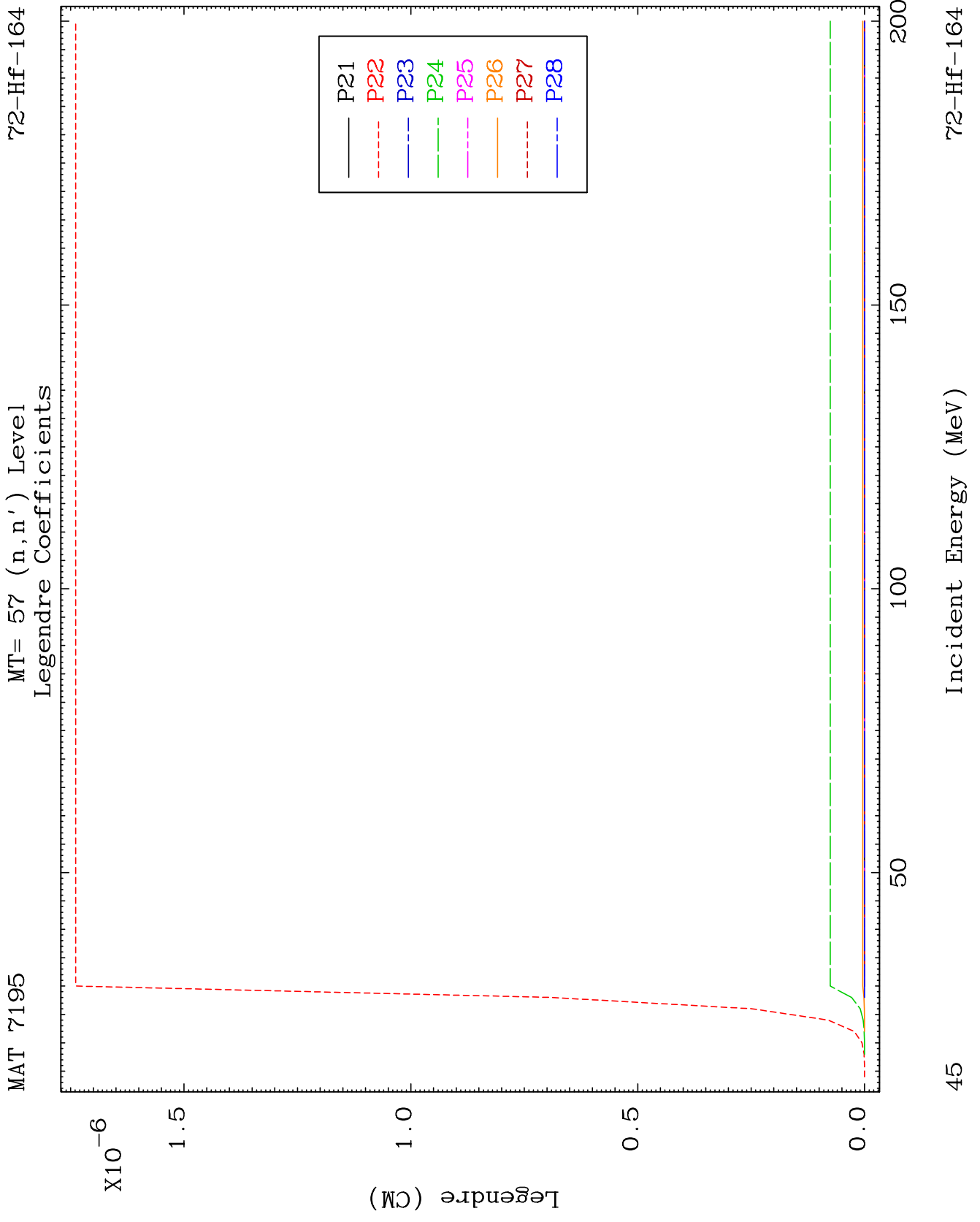
72-Hf-164



44

Incident Energy (MeV)

72-Hf-164

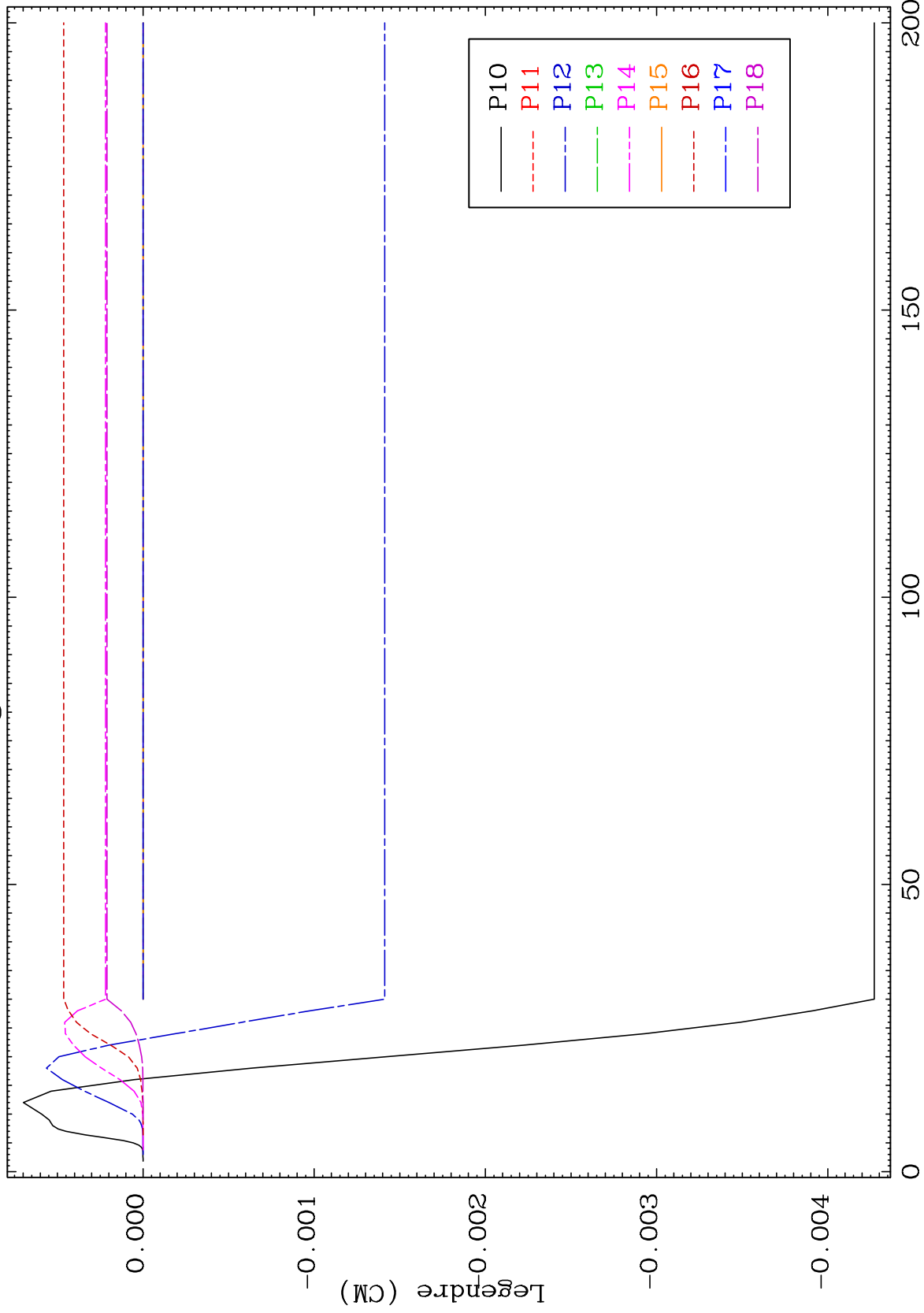




MAT 7195

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

72-Hf-164



47

Incident Energy (MeV)

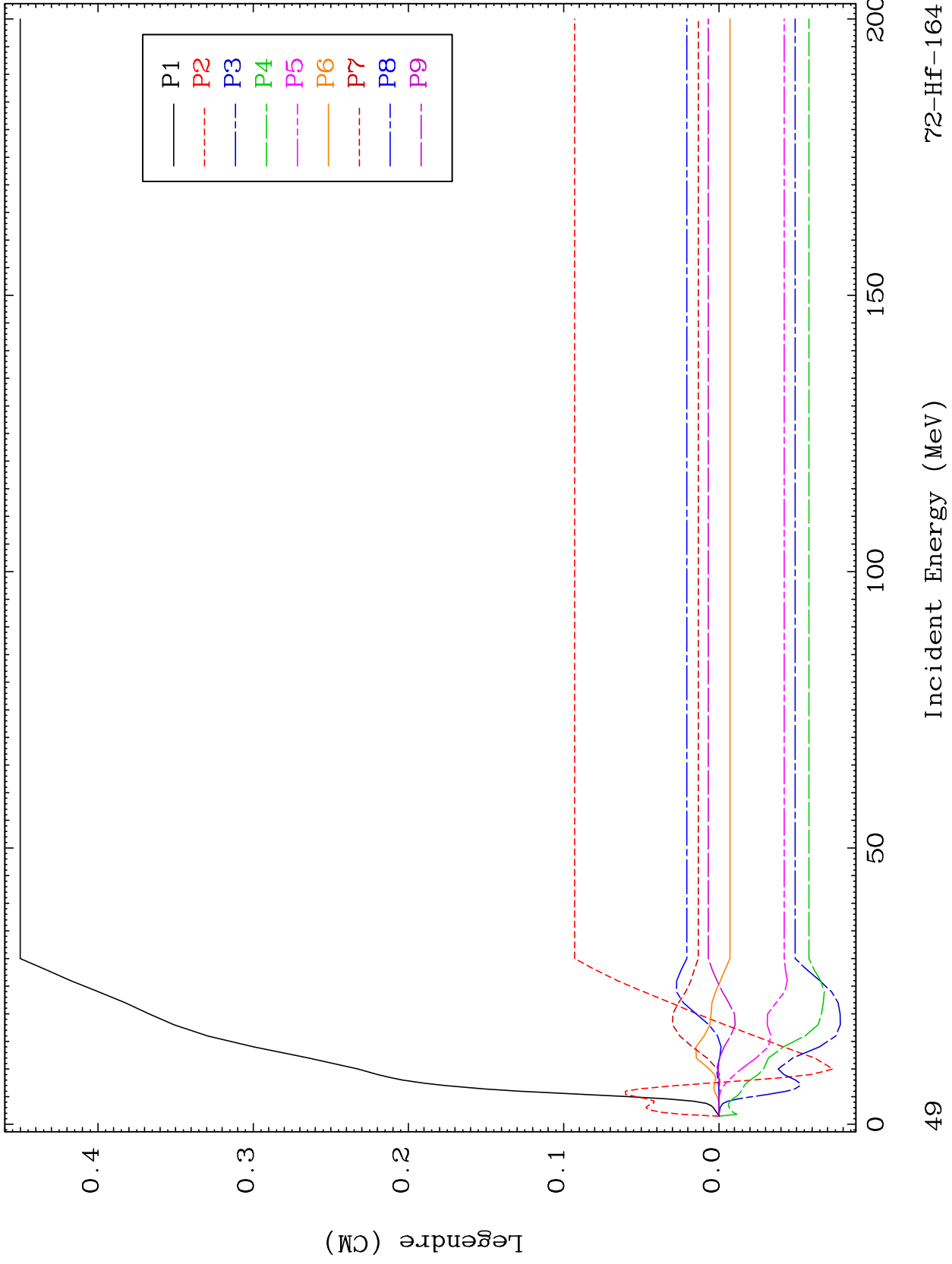
72-Hf-164



MAT 7195

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

72-Hf-164



72-Hf-164

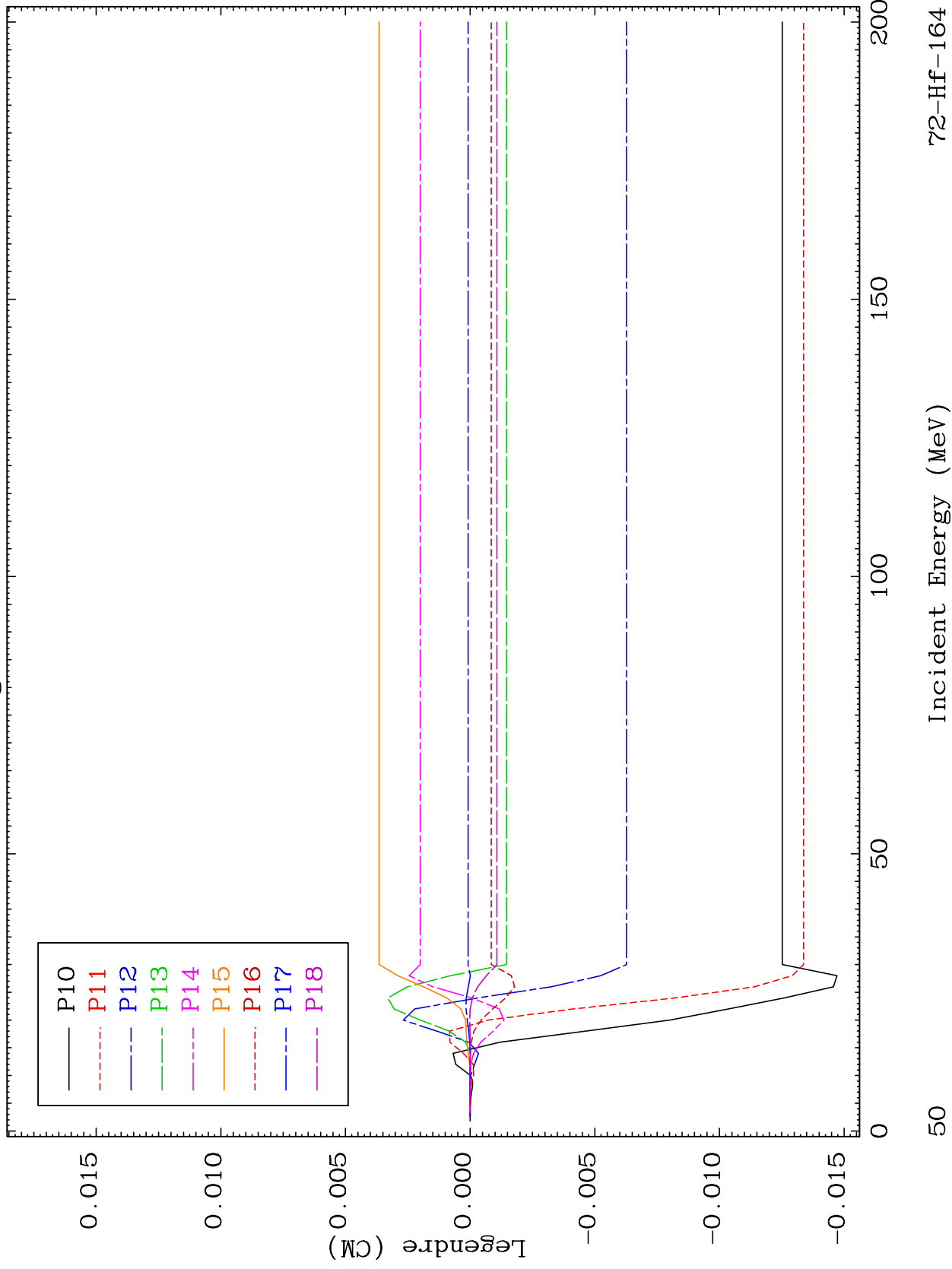
Incident Energy (MeV)

49

MAT 7195

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

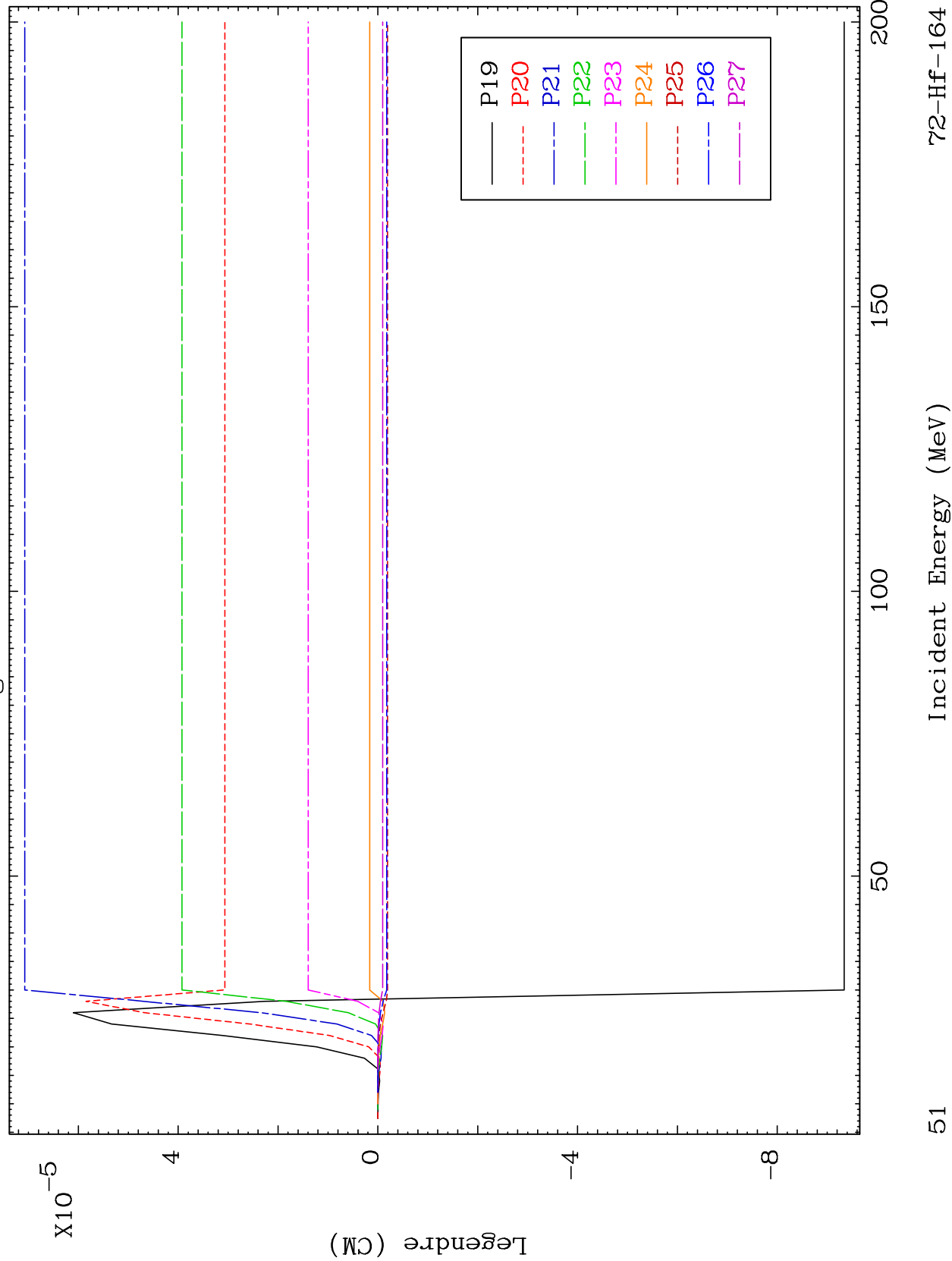
72-Hf-164



72-Hf-164

Incident Energy (MeV)

50

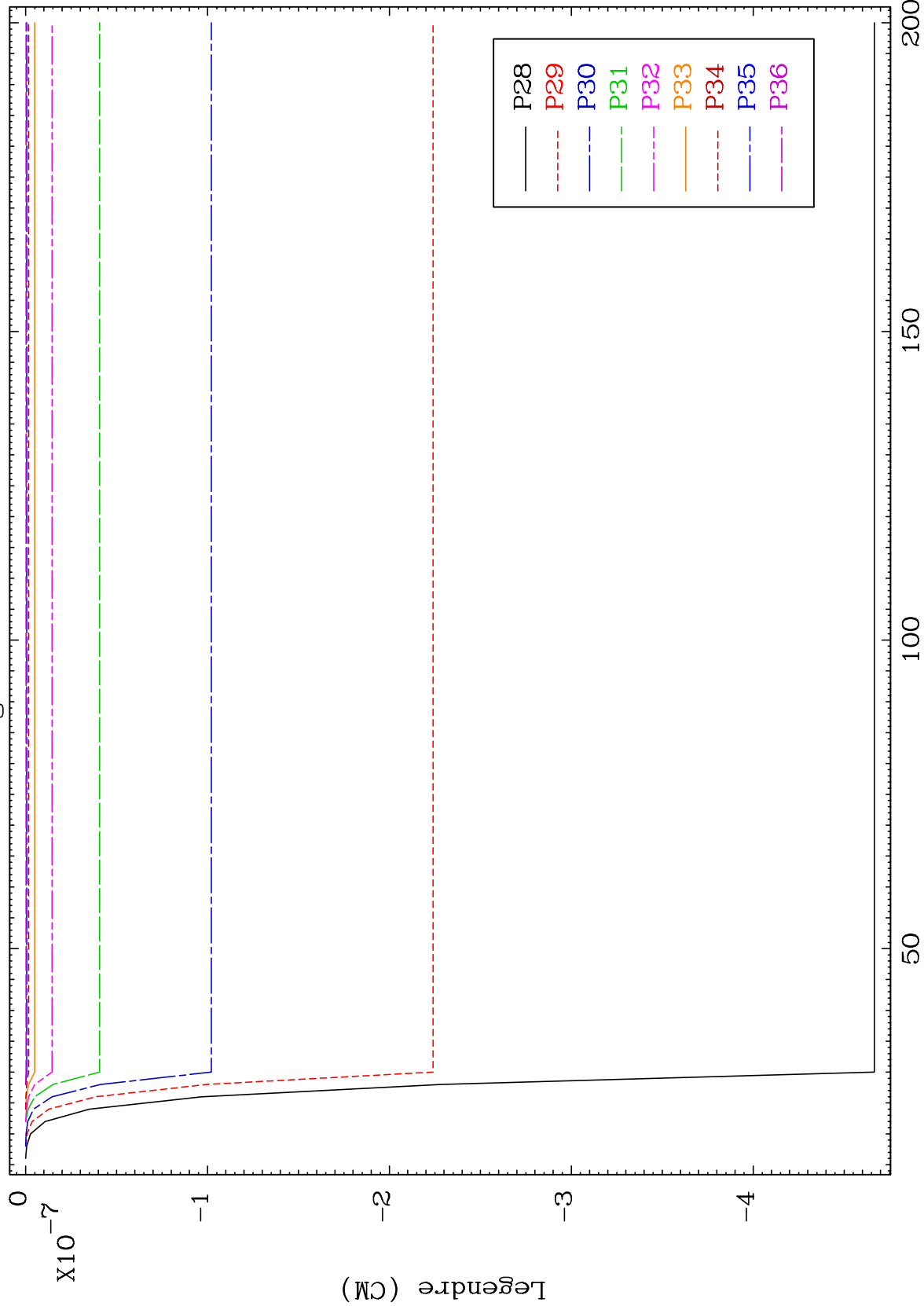


MAT 7195

MT= 59 (n,n') Level

72-Hf-164

Legendre Coefficients



52

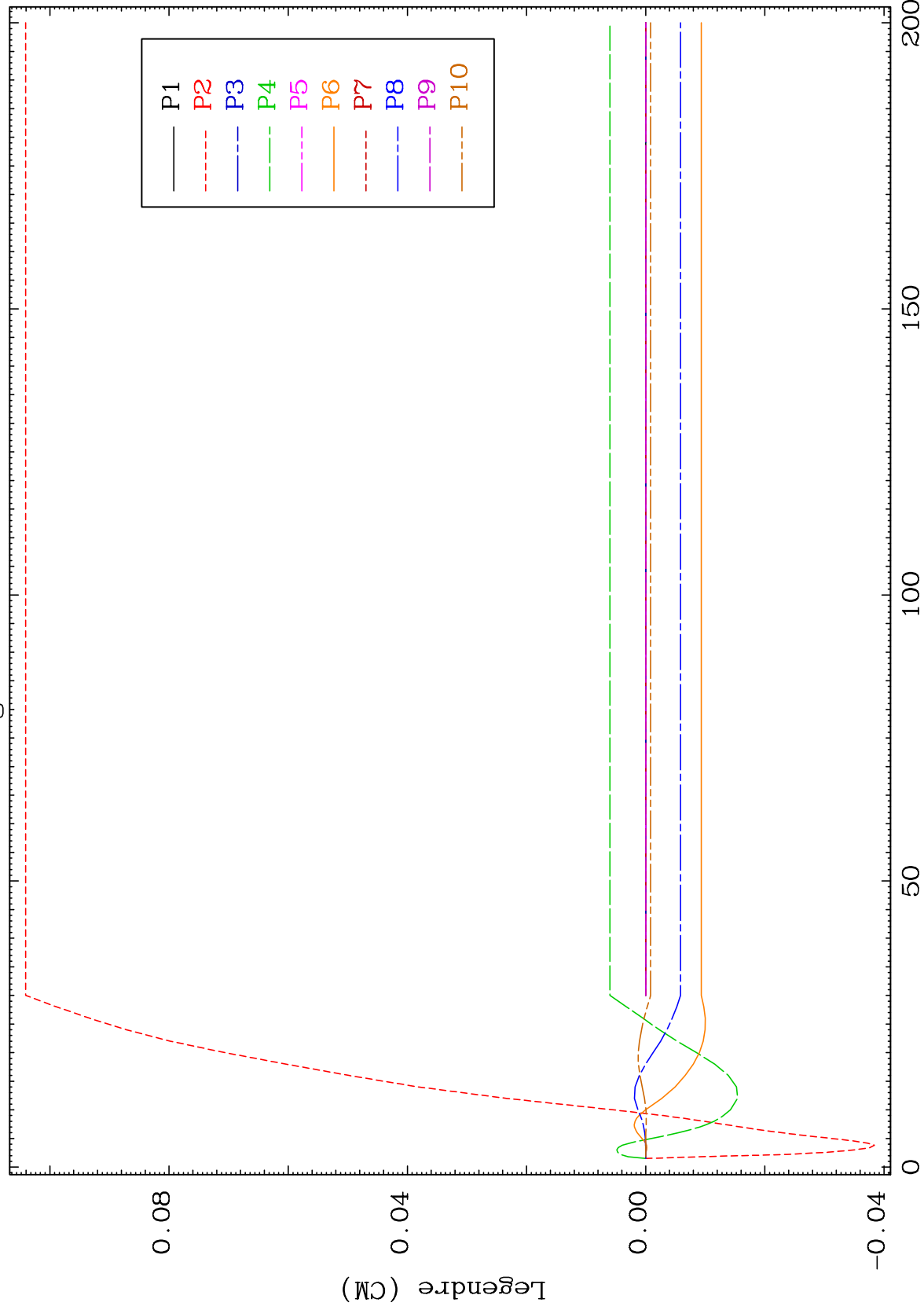
Incident Energy (MeV)

72-Hf-164

MAT 7195

MT= 60 (n,n') Level  
Legendre Coefficients

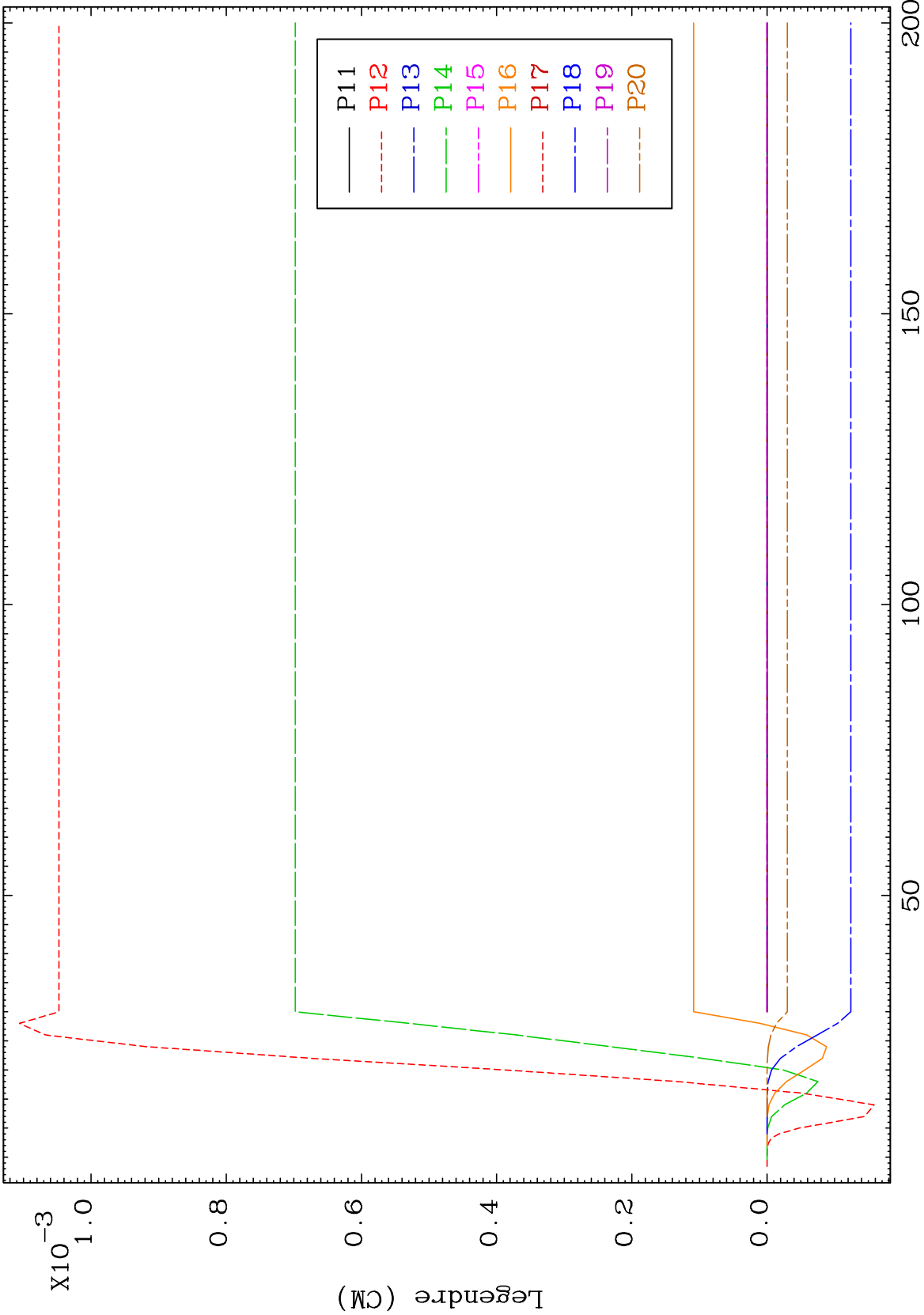
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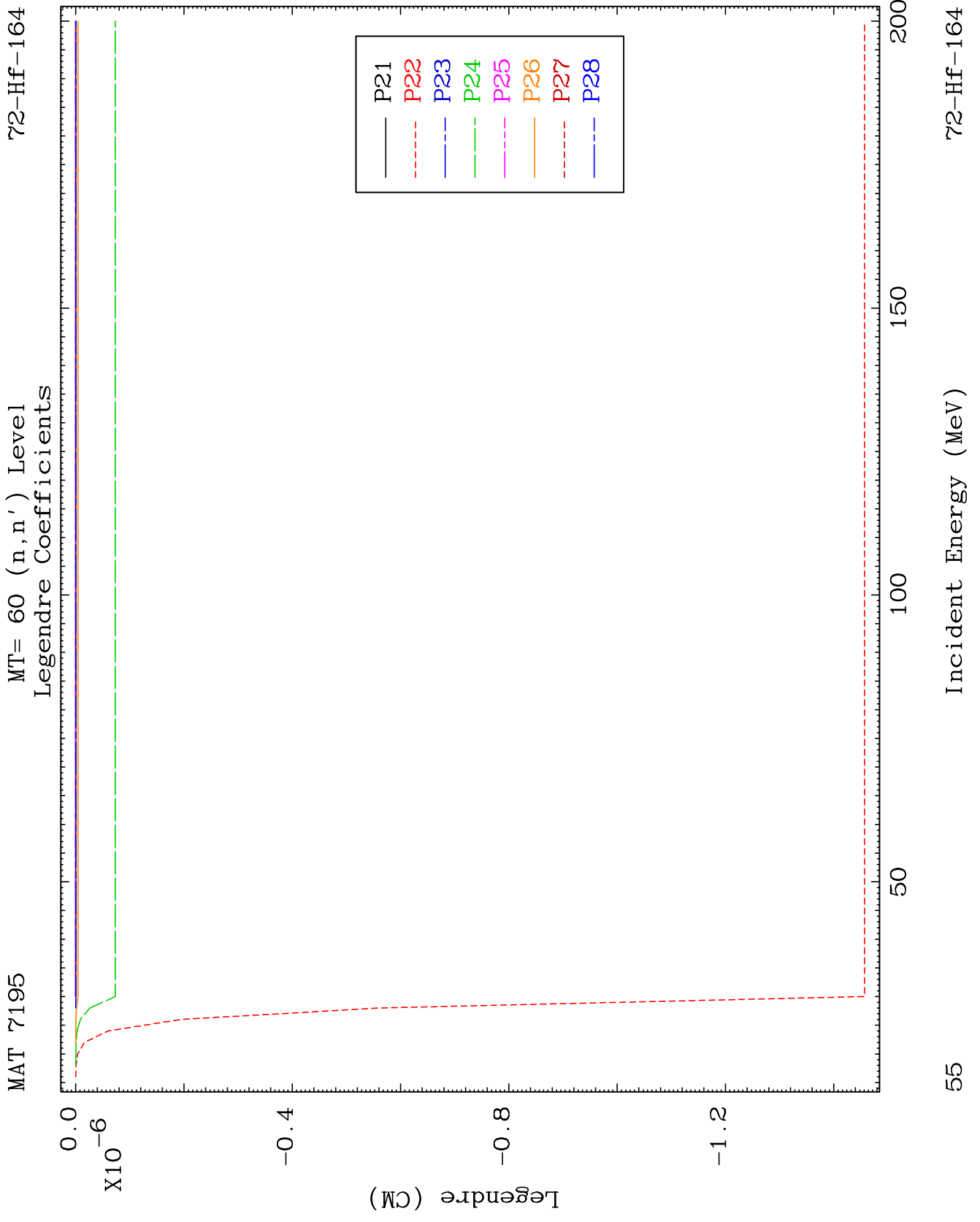


53

Incident Energy (MeV)

72-Hf-164

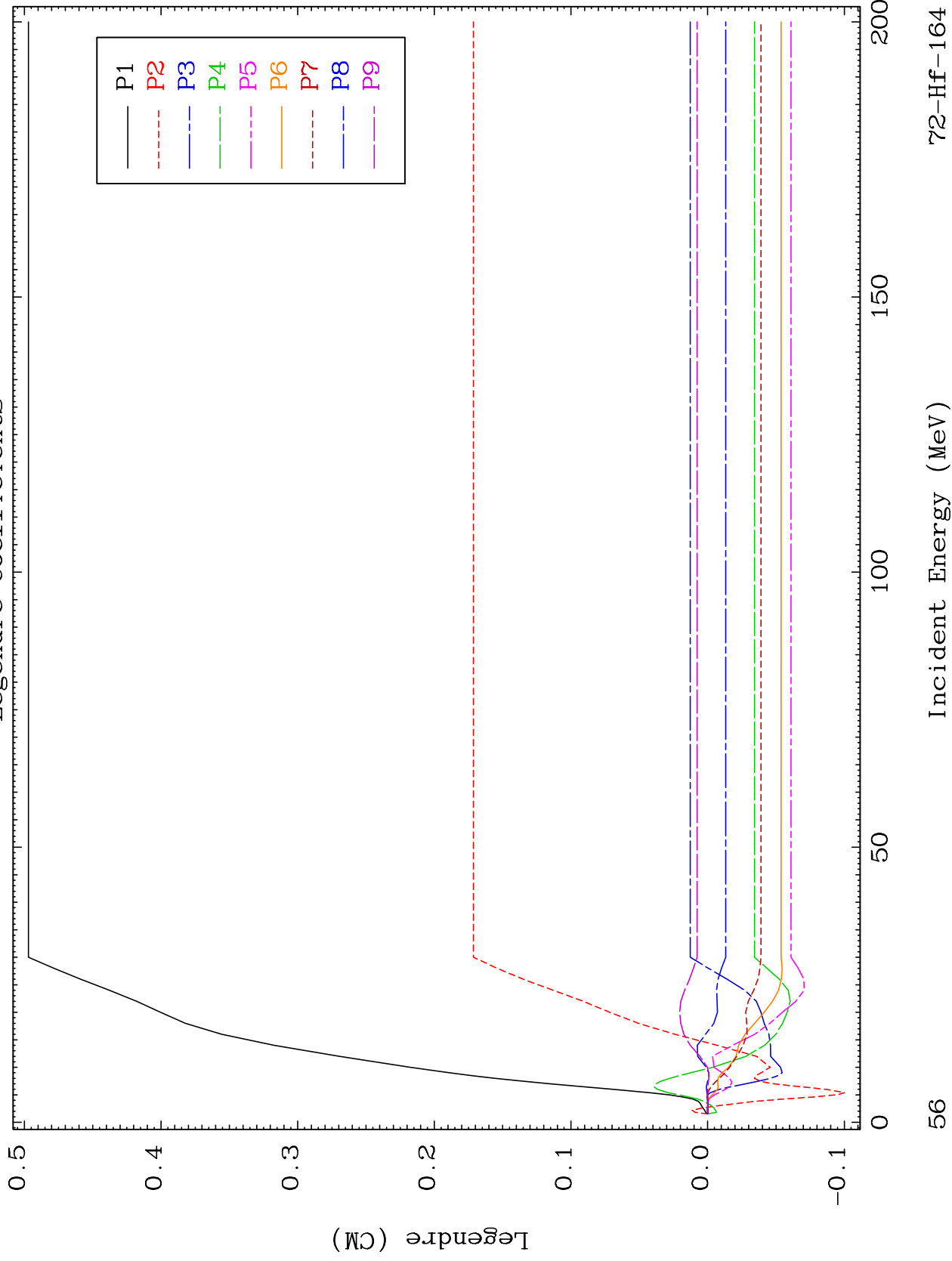




MAT 7195

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

72-Hf-164



72-Hf-164

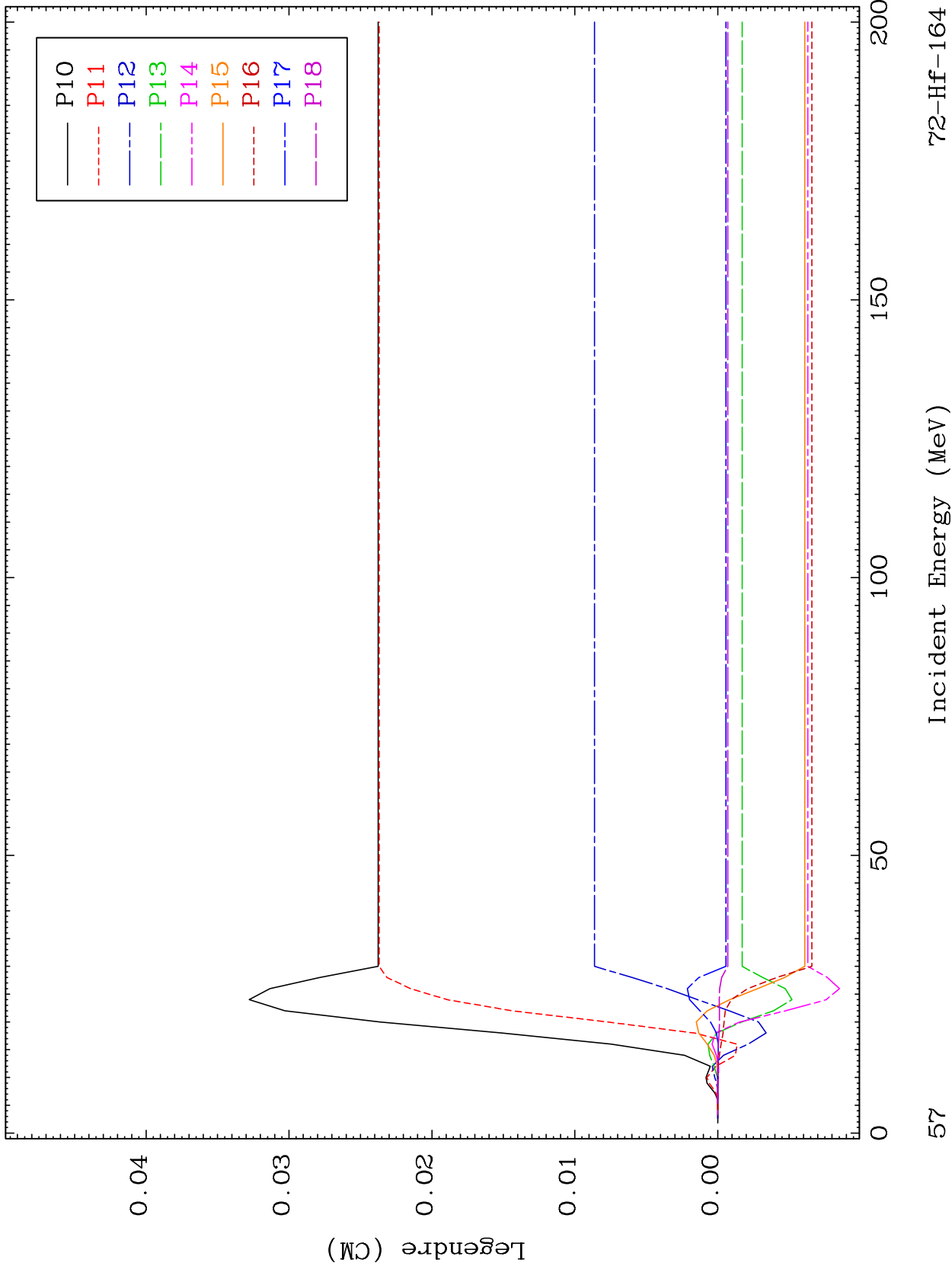
Incident Energy (MeV)

56

MAT 7195

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

72-Hf-164



57

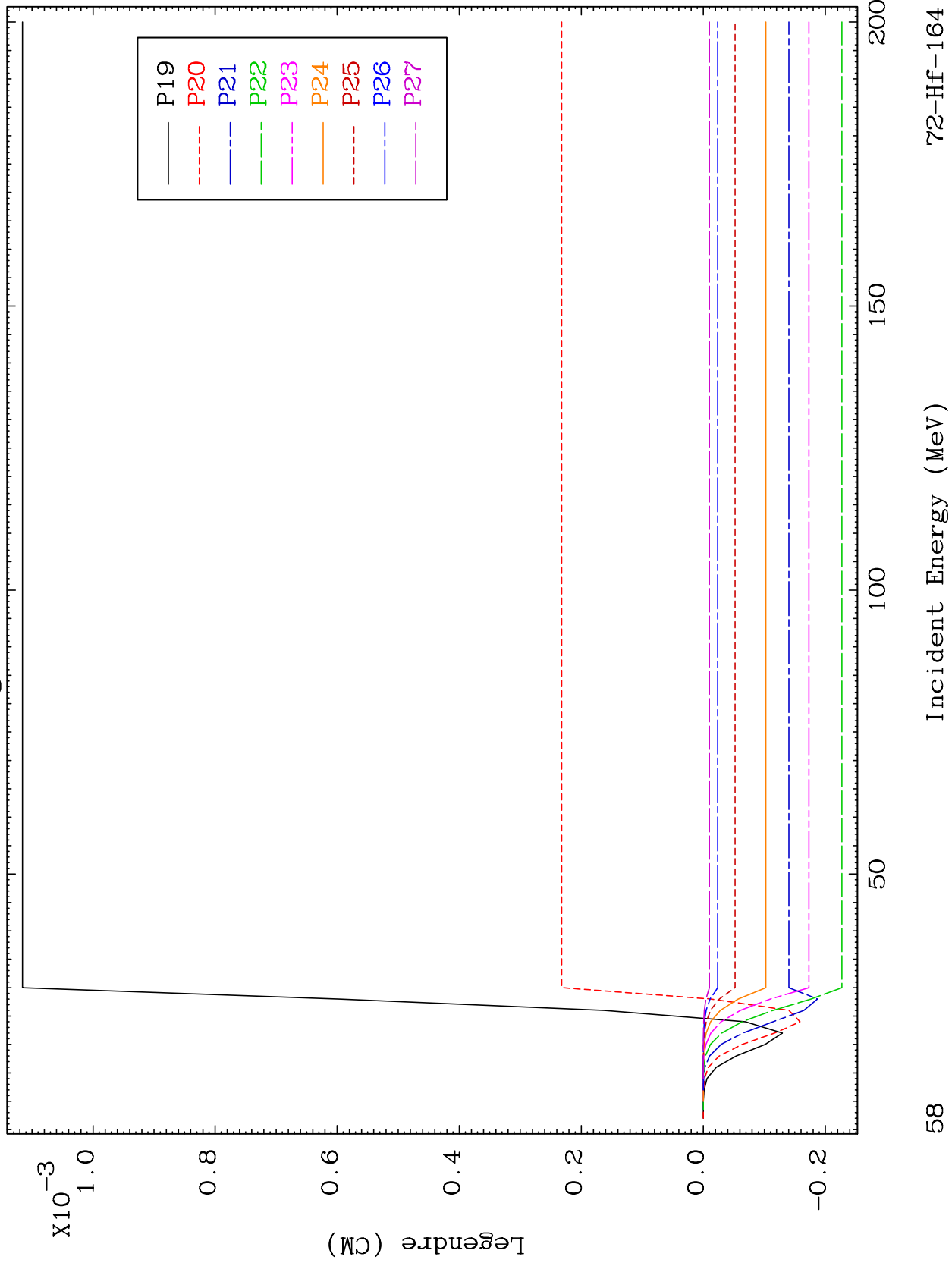
Incident Energy (MeV)

72-Hf-164

MAT 7195

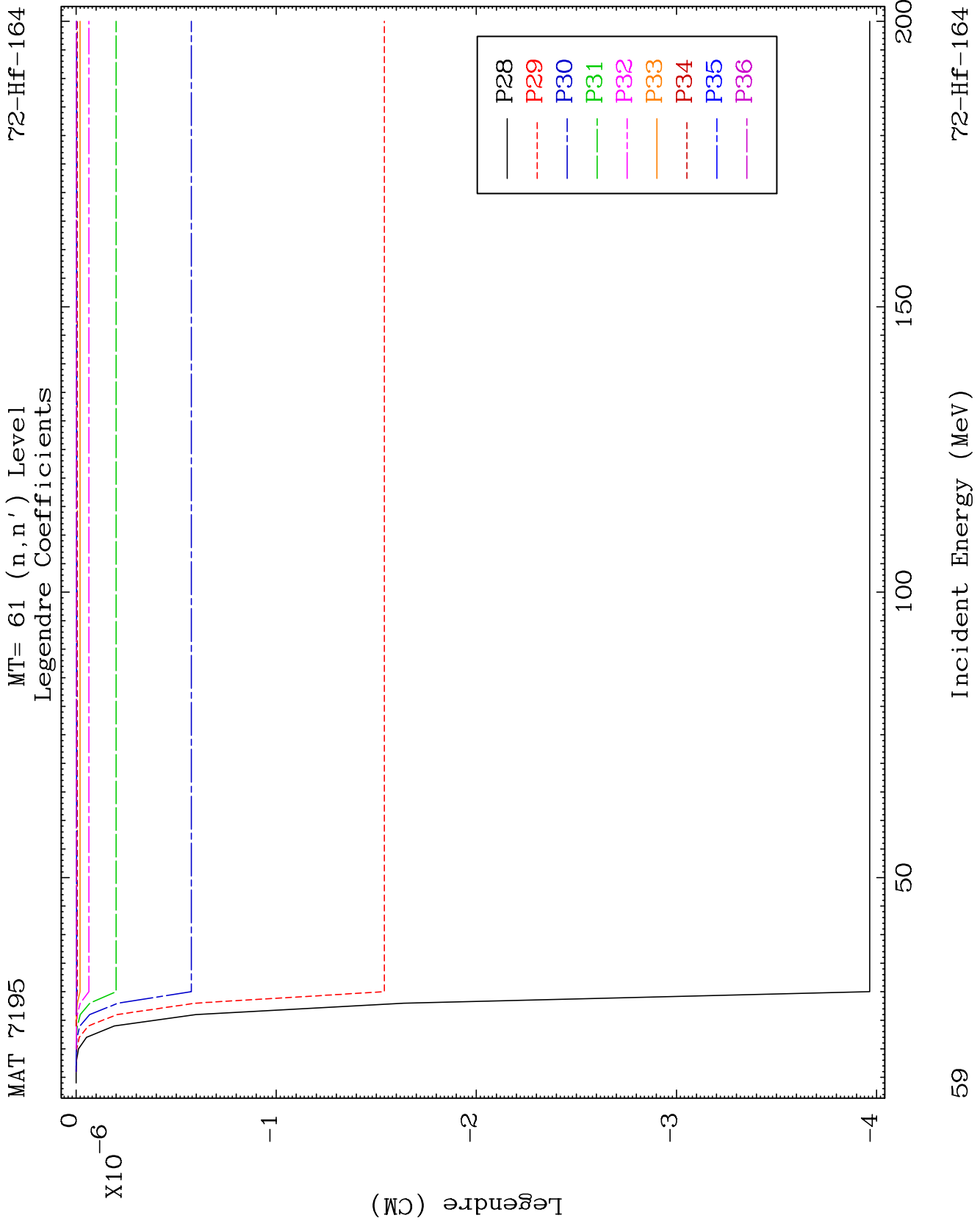
MT= 61 (n,n') Level  
Legendre Coefficients

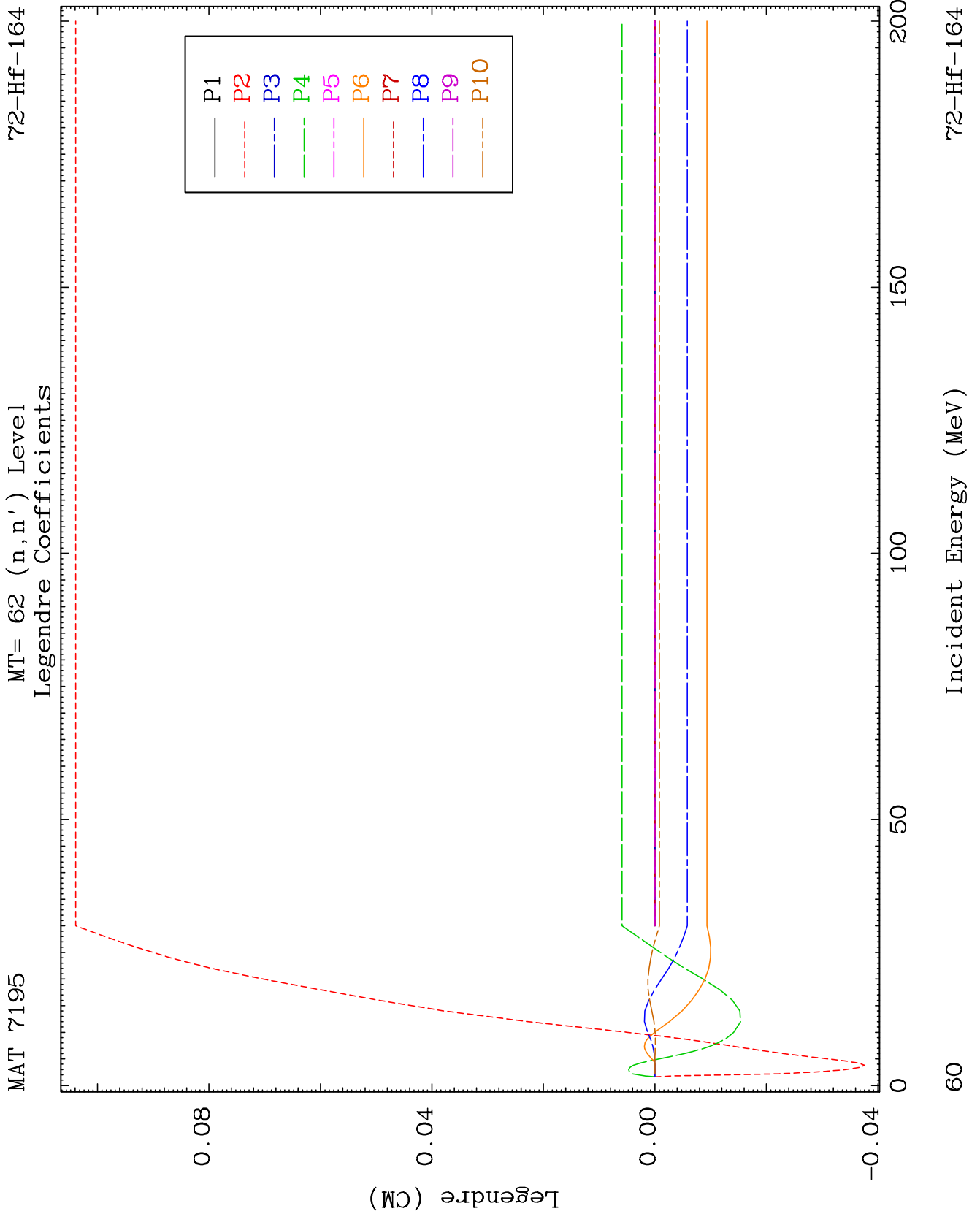
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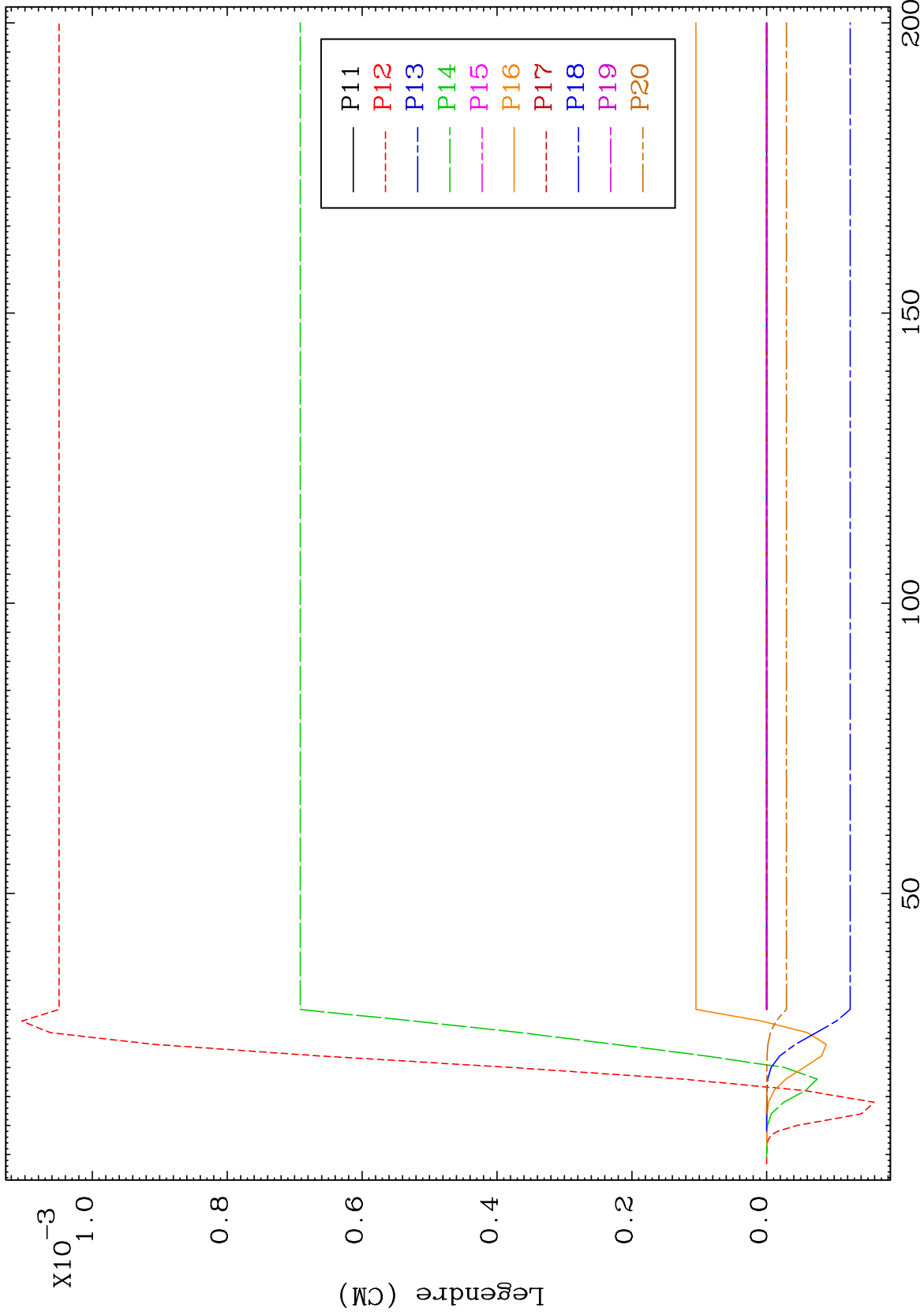


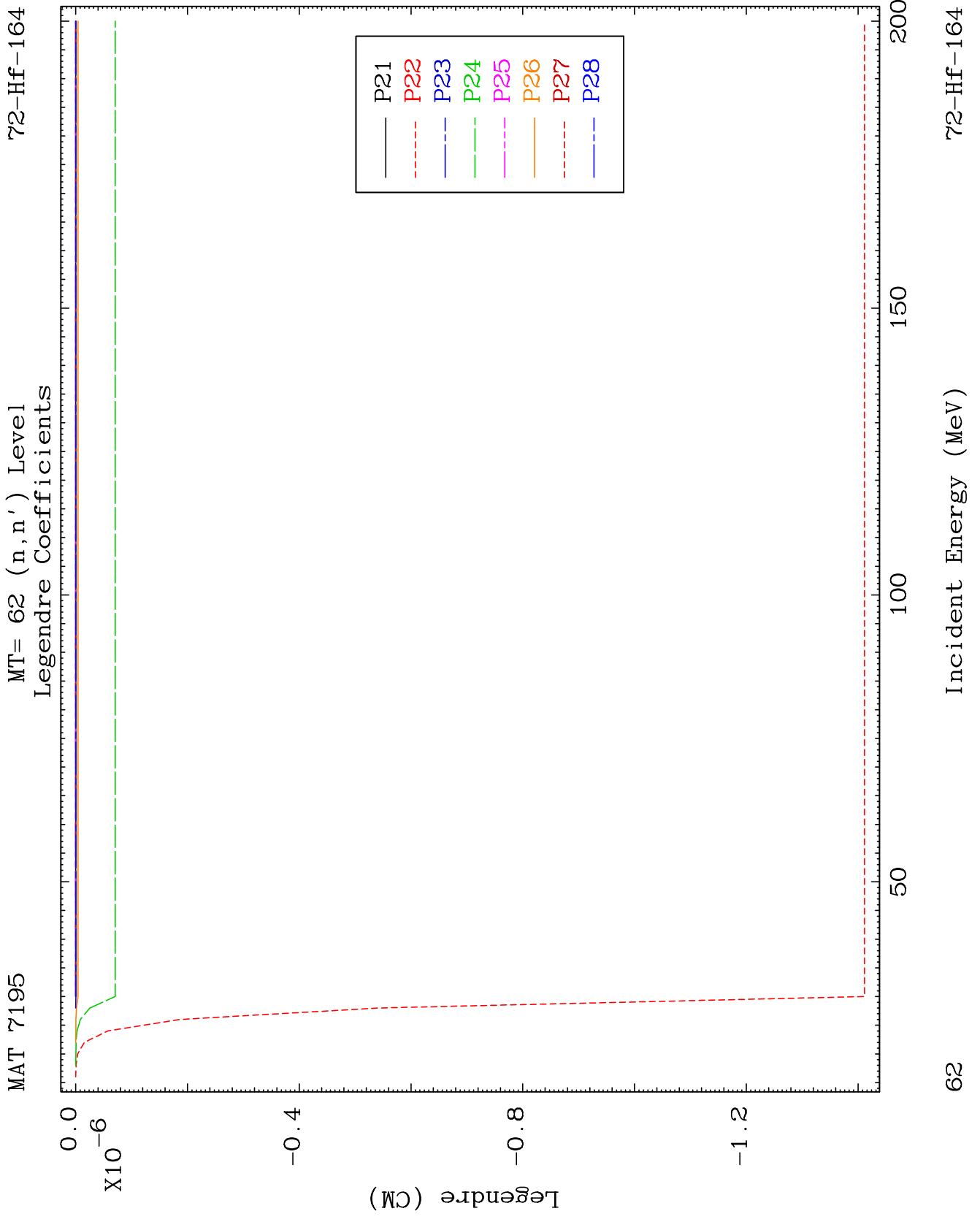
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72-Hf-164





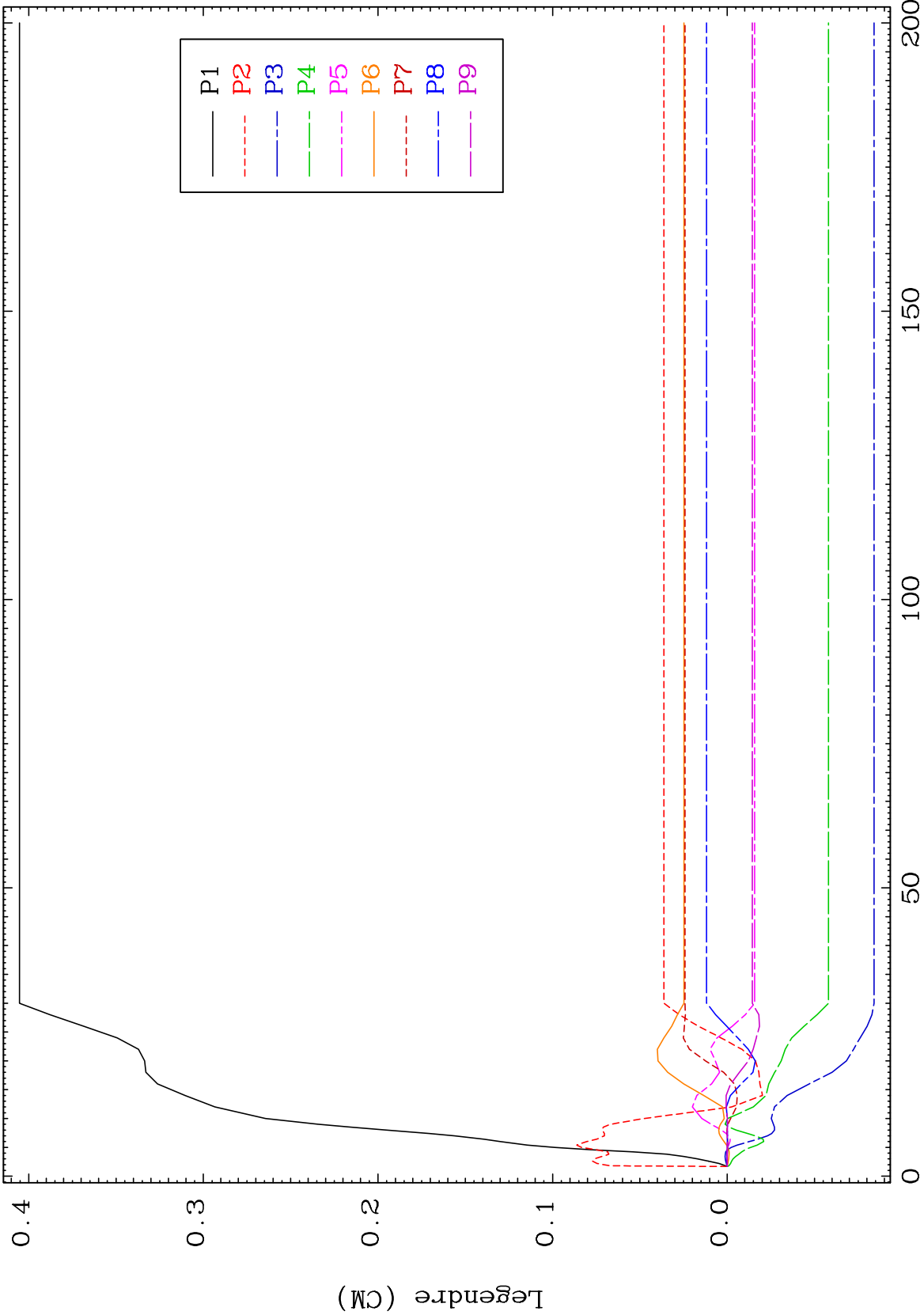




MAT 7195

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

72-Hf-164



63

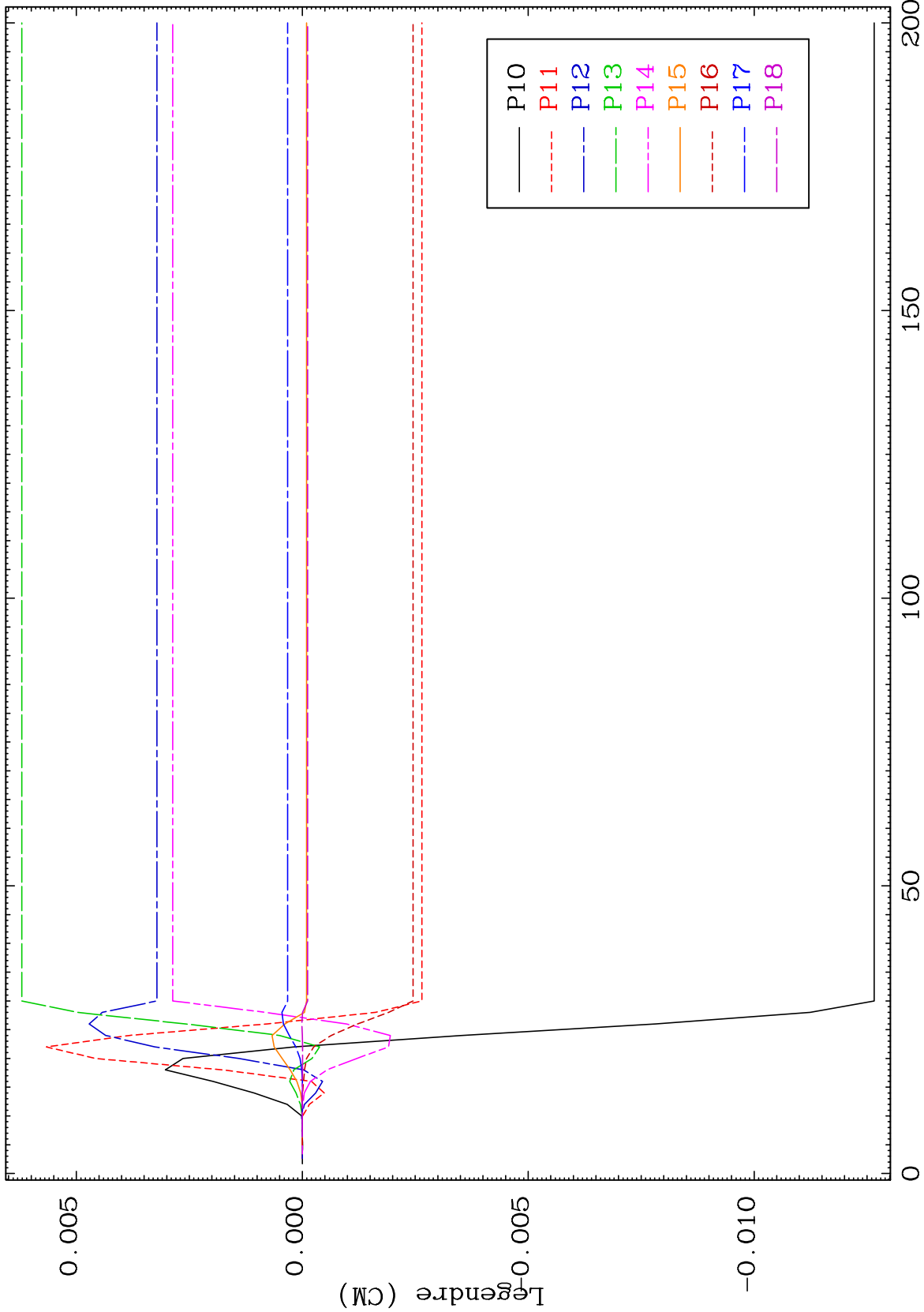
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



64

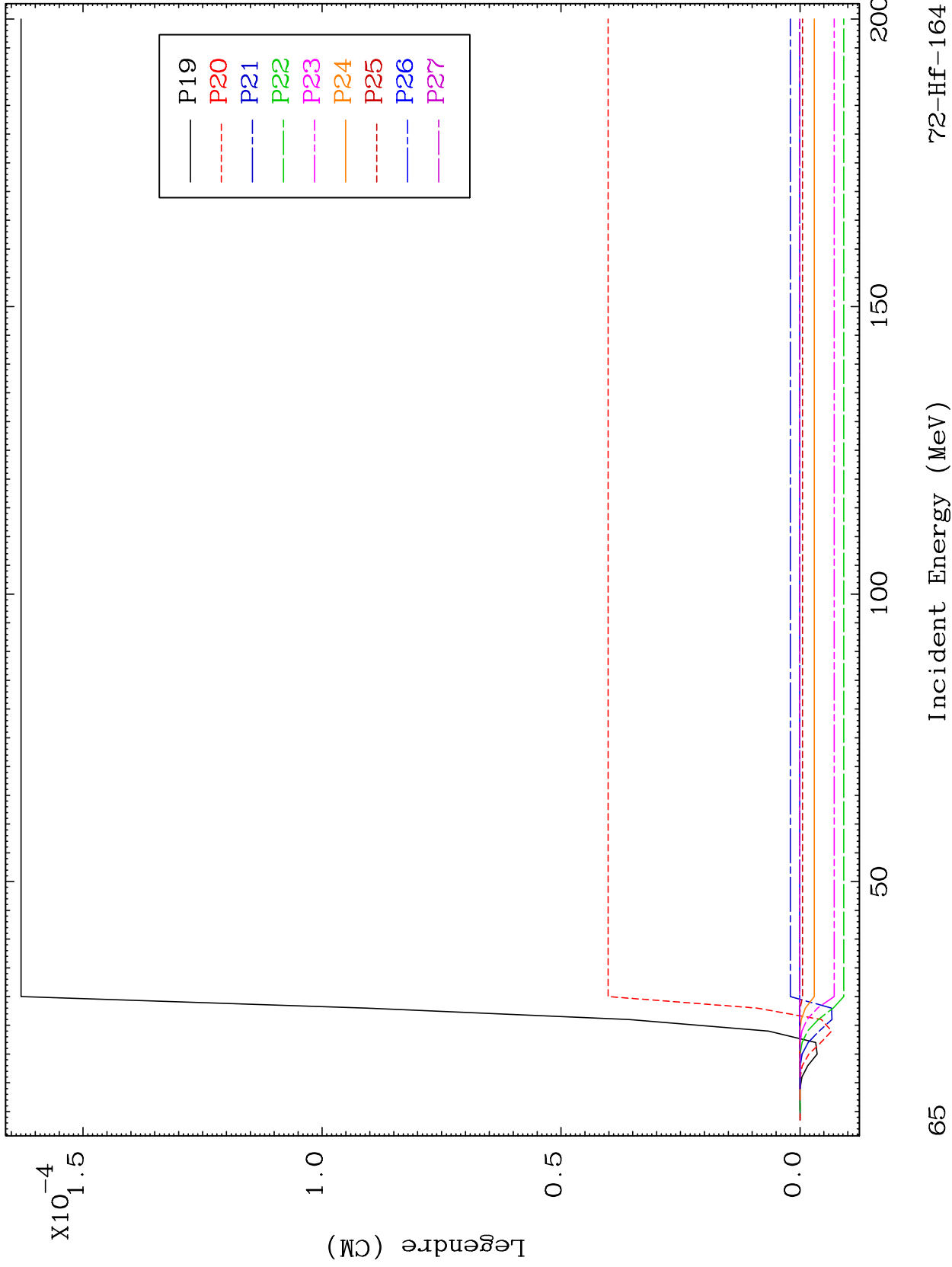
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



65

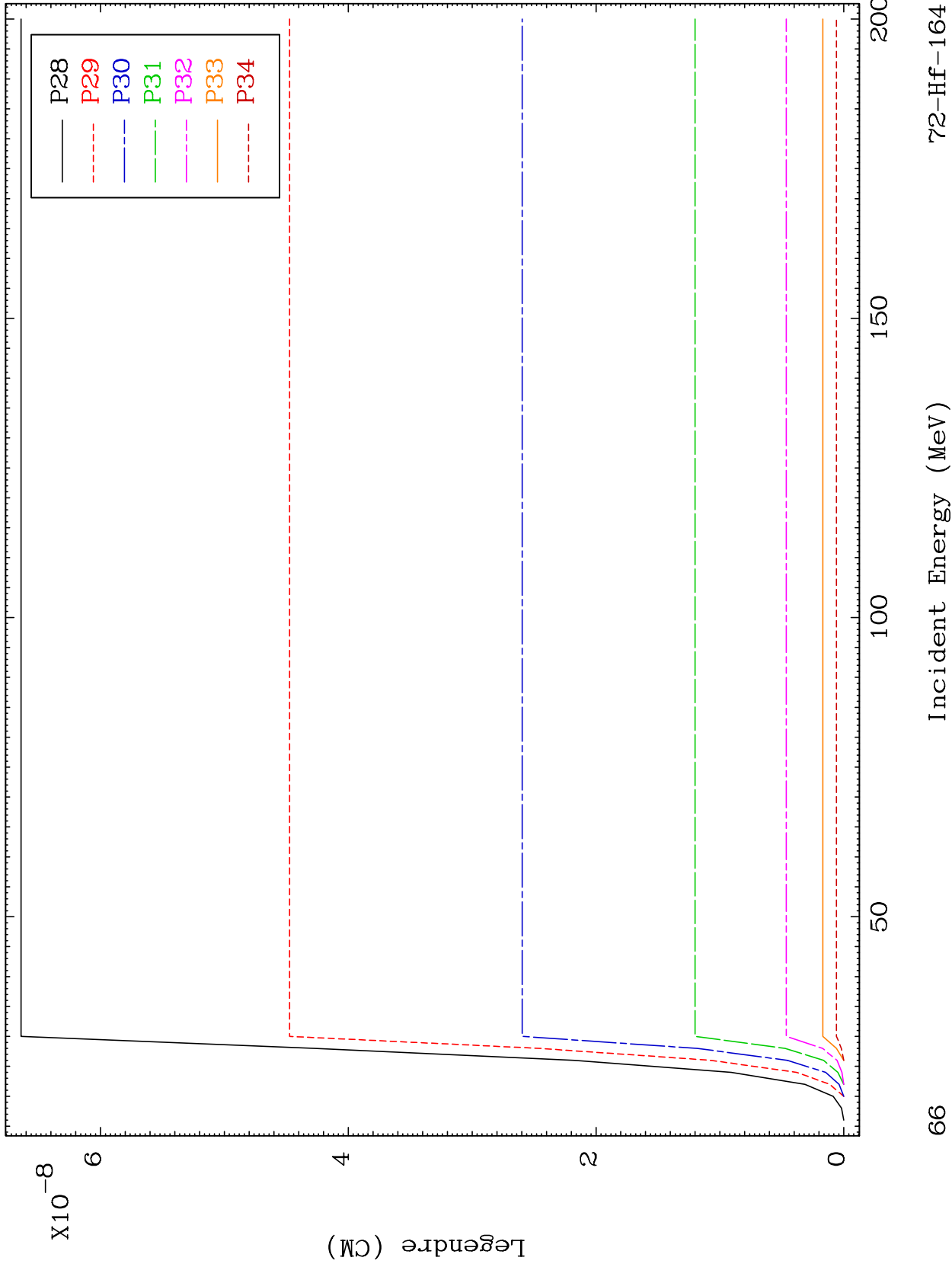
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

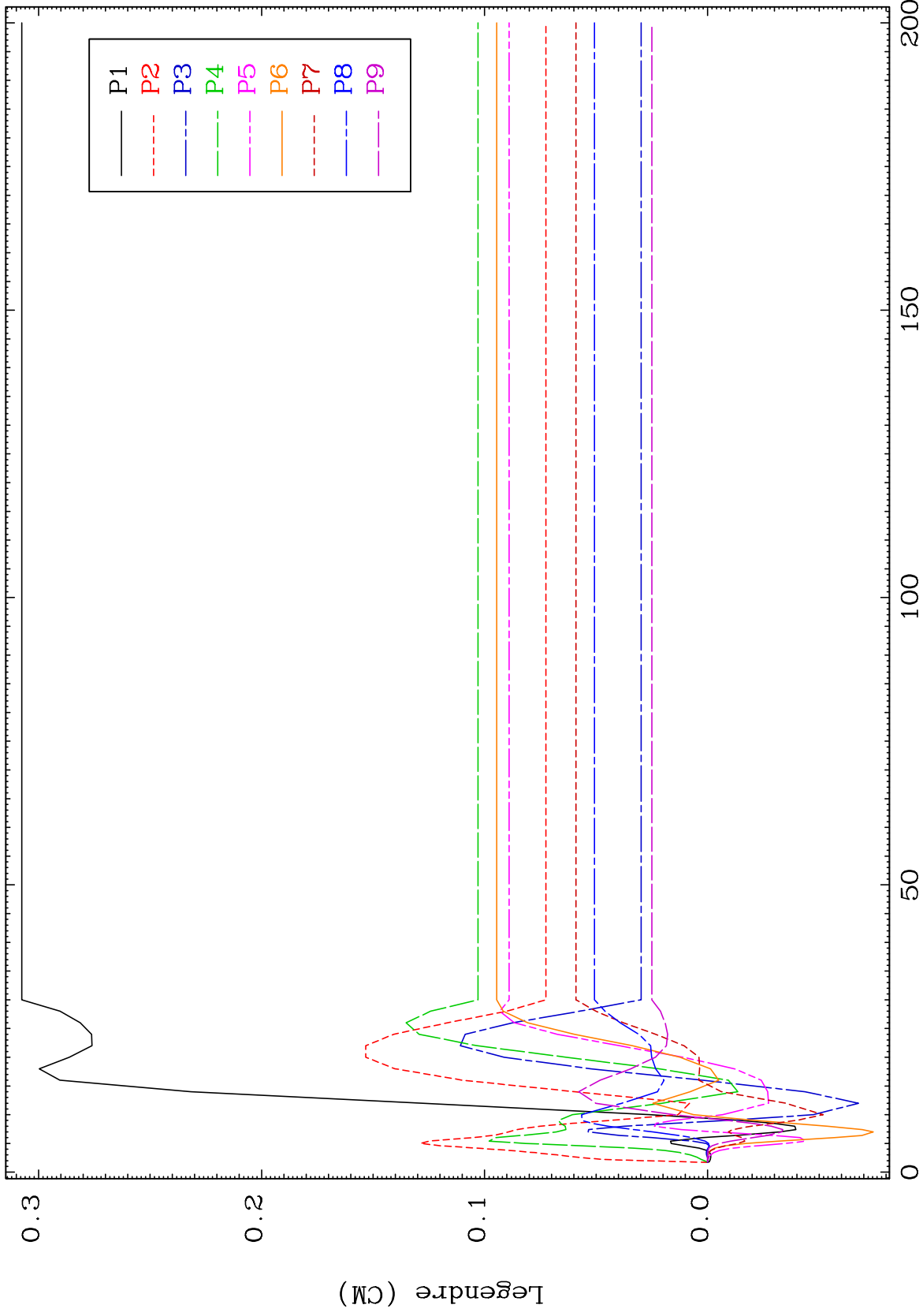
72-Hf-164



MAT 7195

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

72-Hf-164



Incident Energy (MeV)

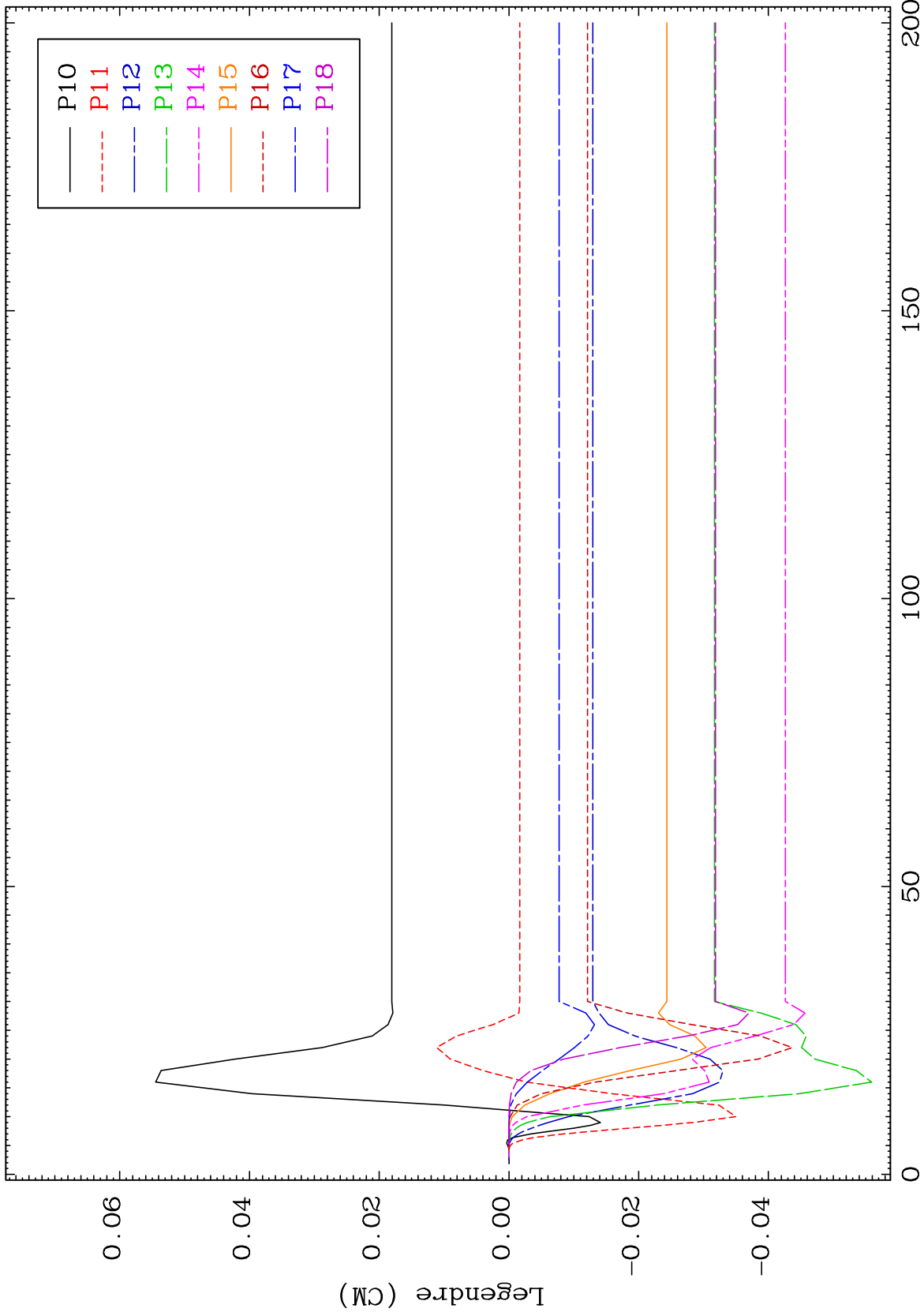
72-Hf-164

67

MAT 7195

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

72-Hf-164



68

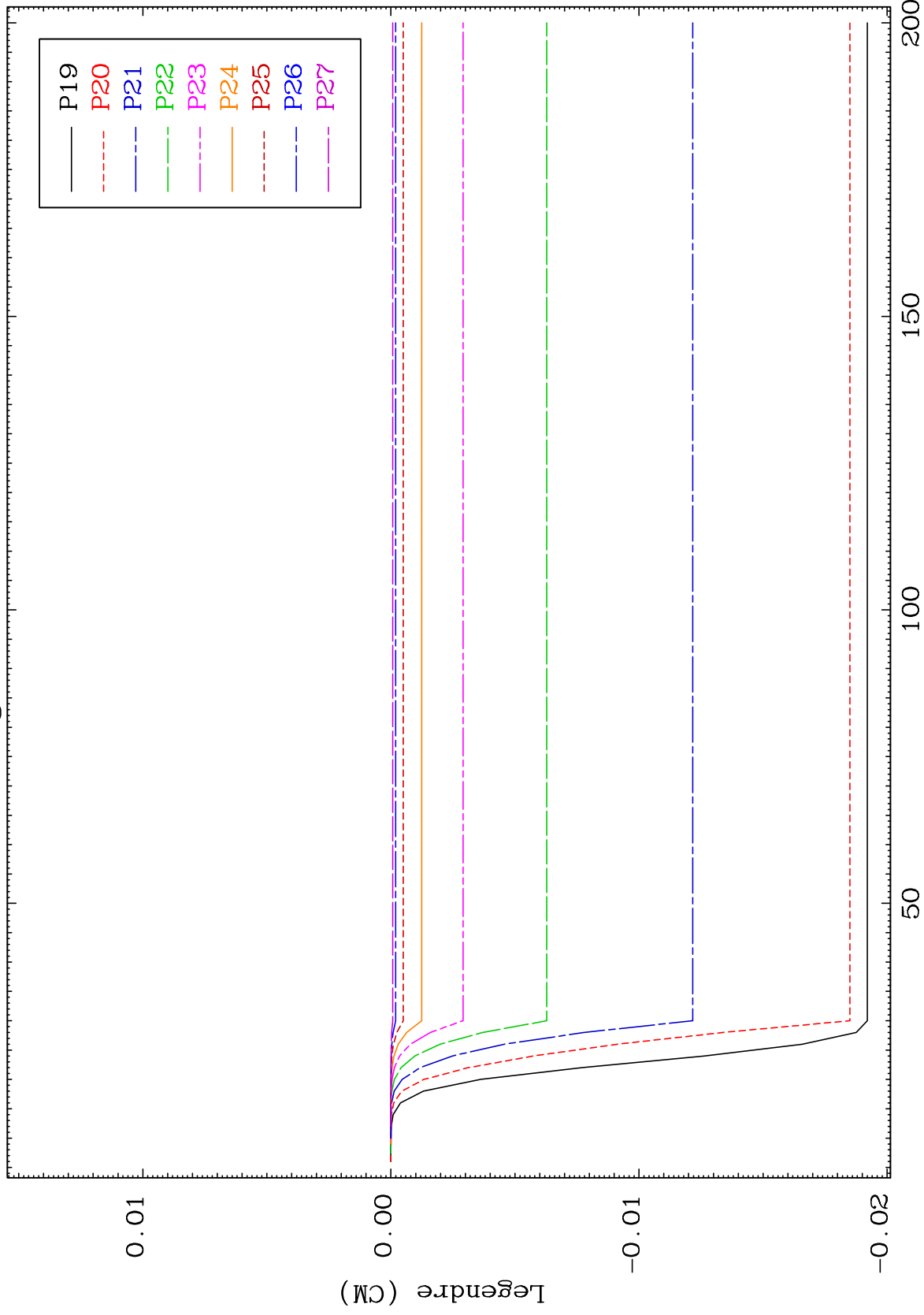
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

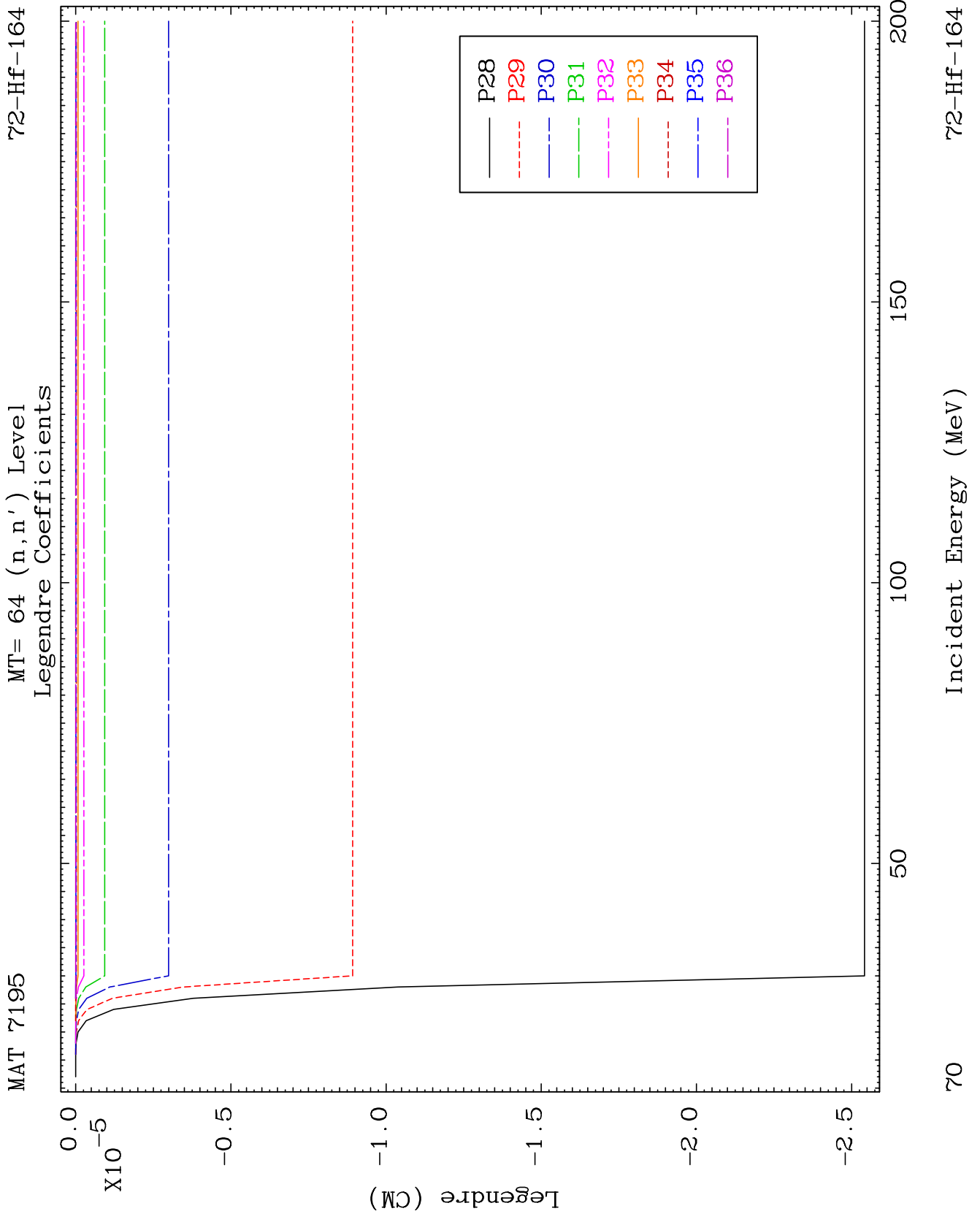
72-Hf-164



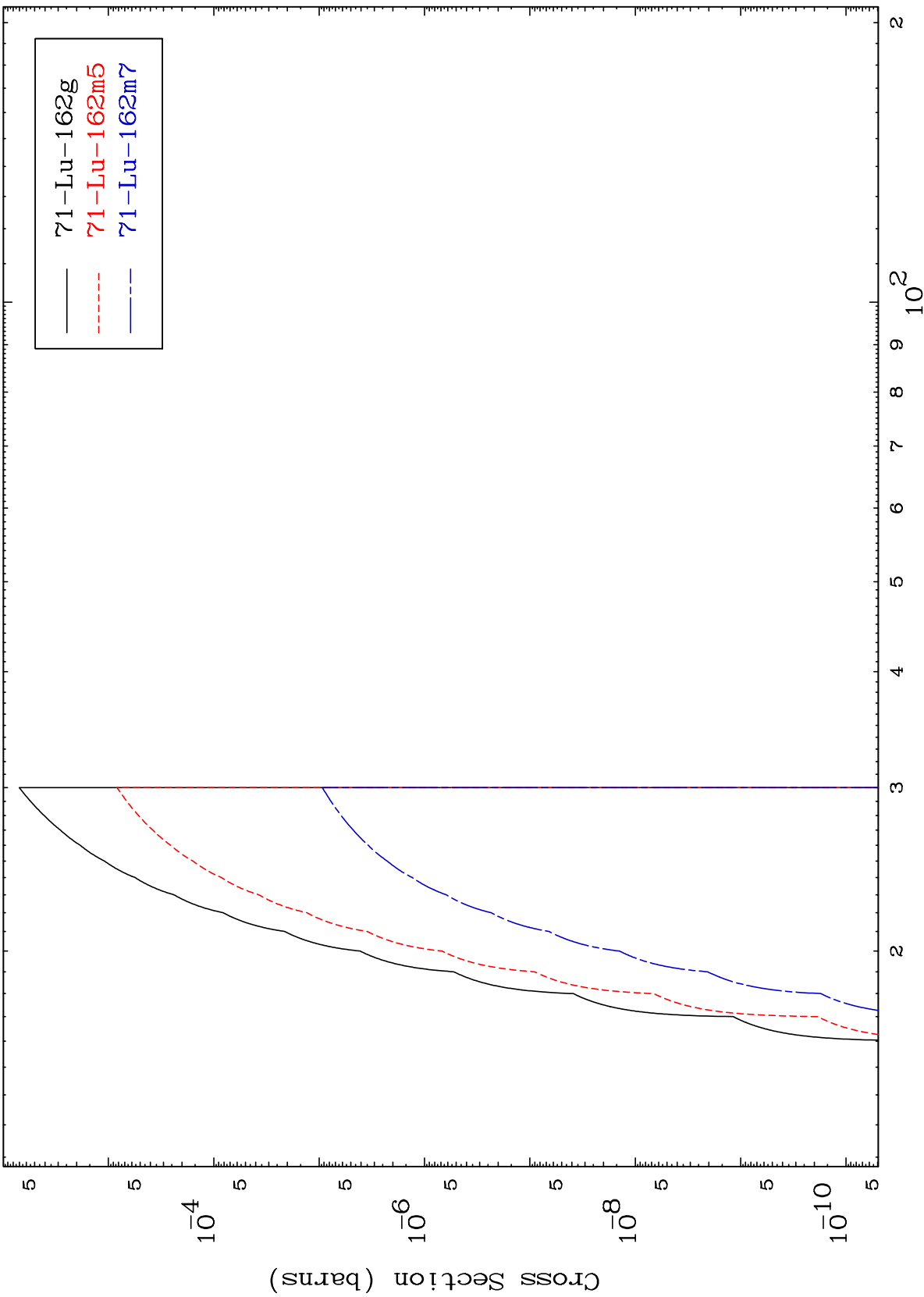
69

Incident Energy (MeV)

72-Hf-164



Radionuclide Production Cross Section

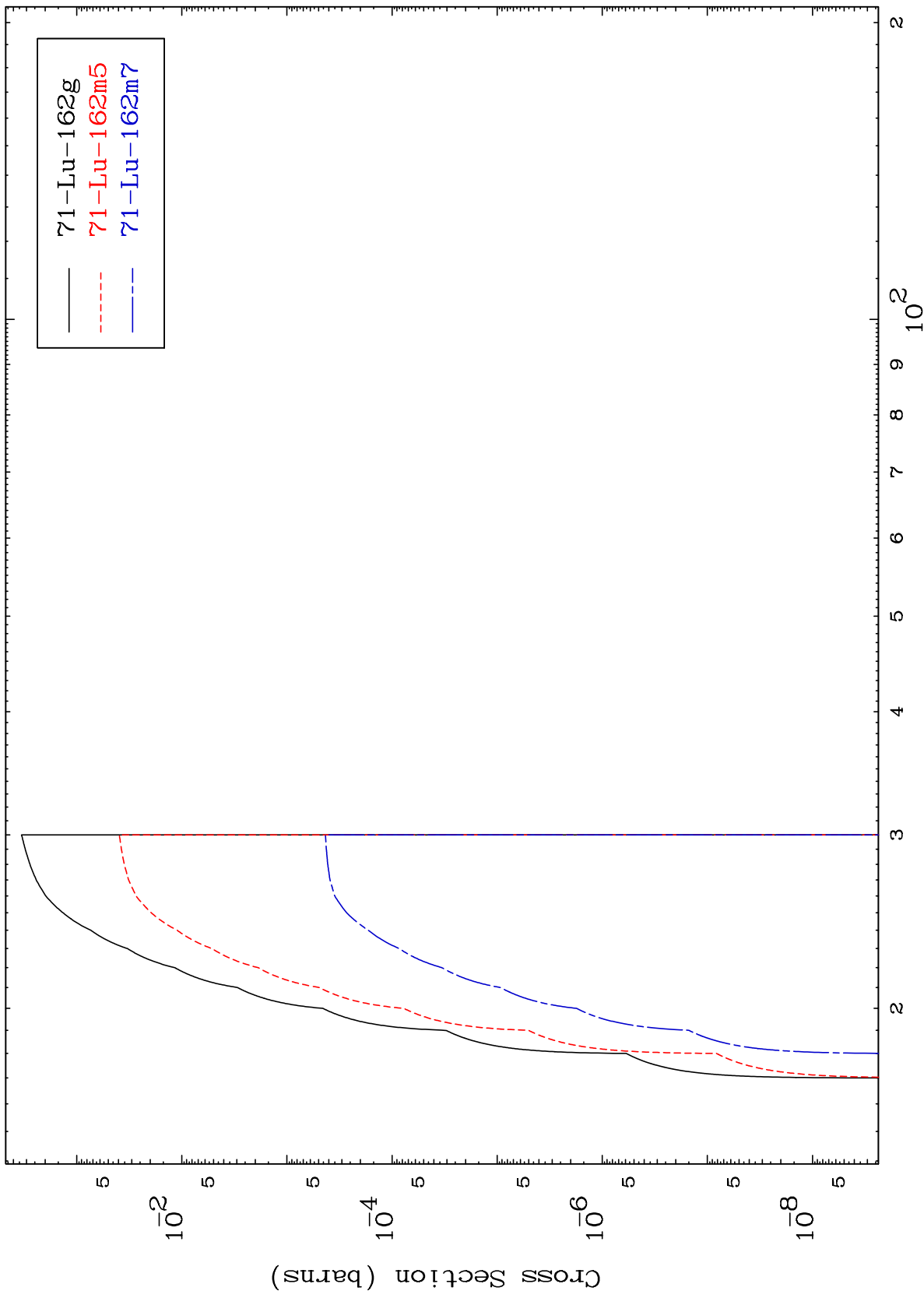


MAT 7195

(n,2n) p

72-Hf-164

Radionuclide Production Cross Section



72

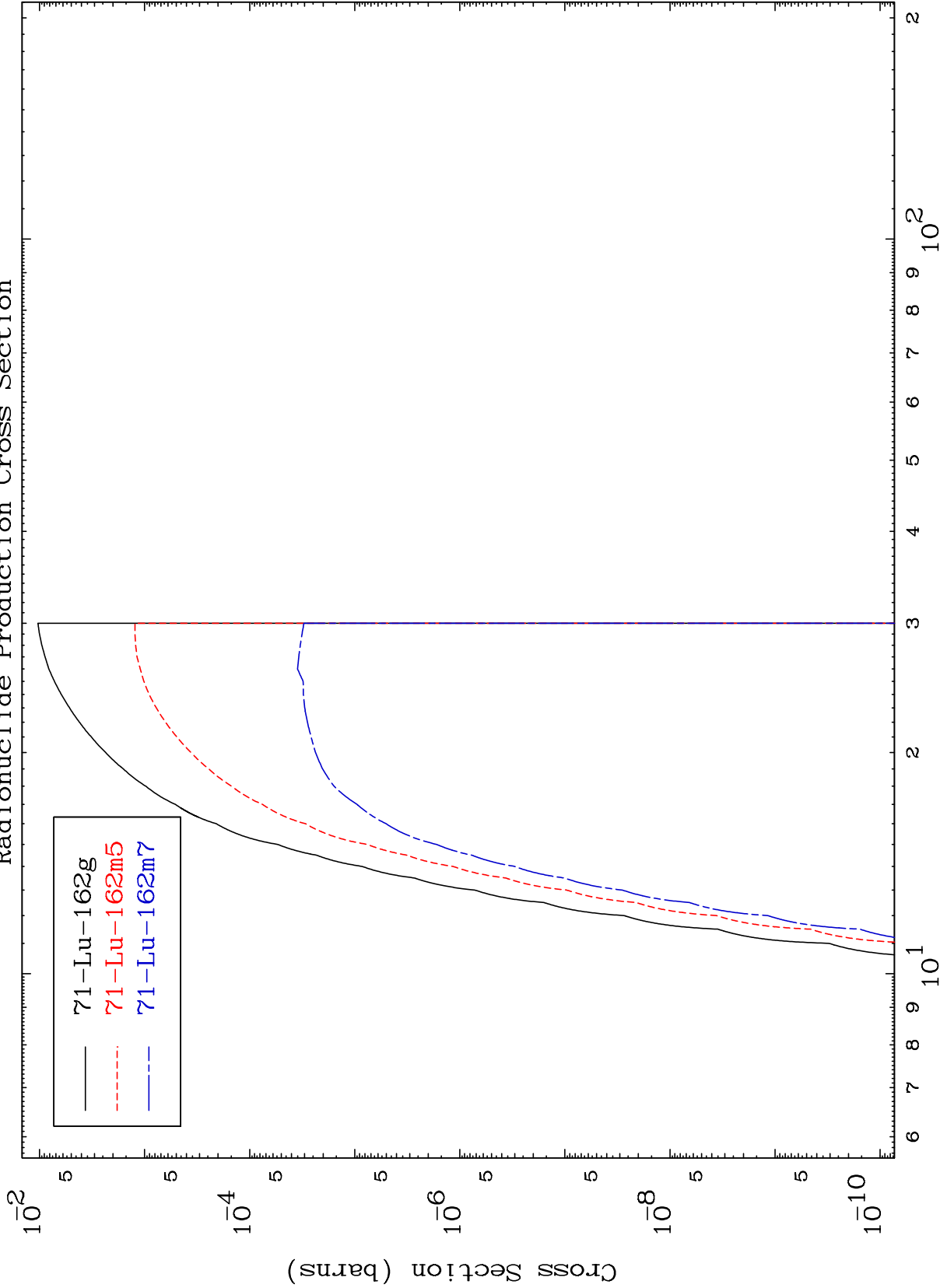
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

Radionuclide Production Cross Section  
(n, t)



73

Incident Energy (MeV)

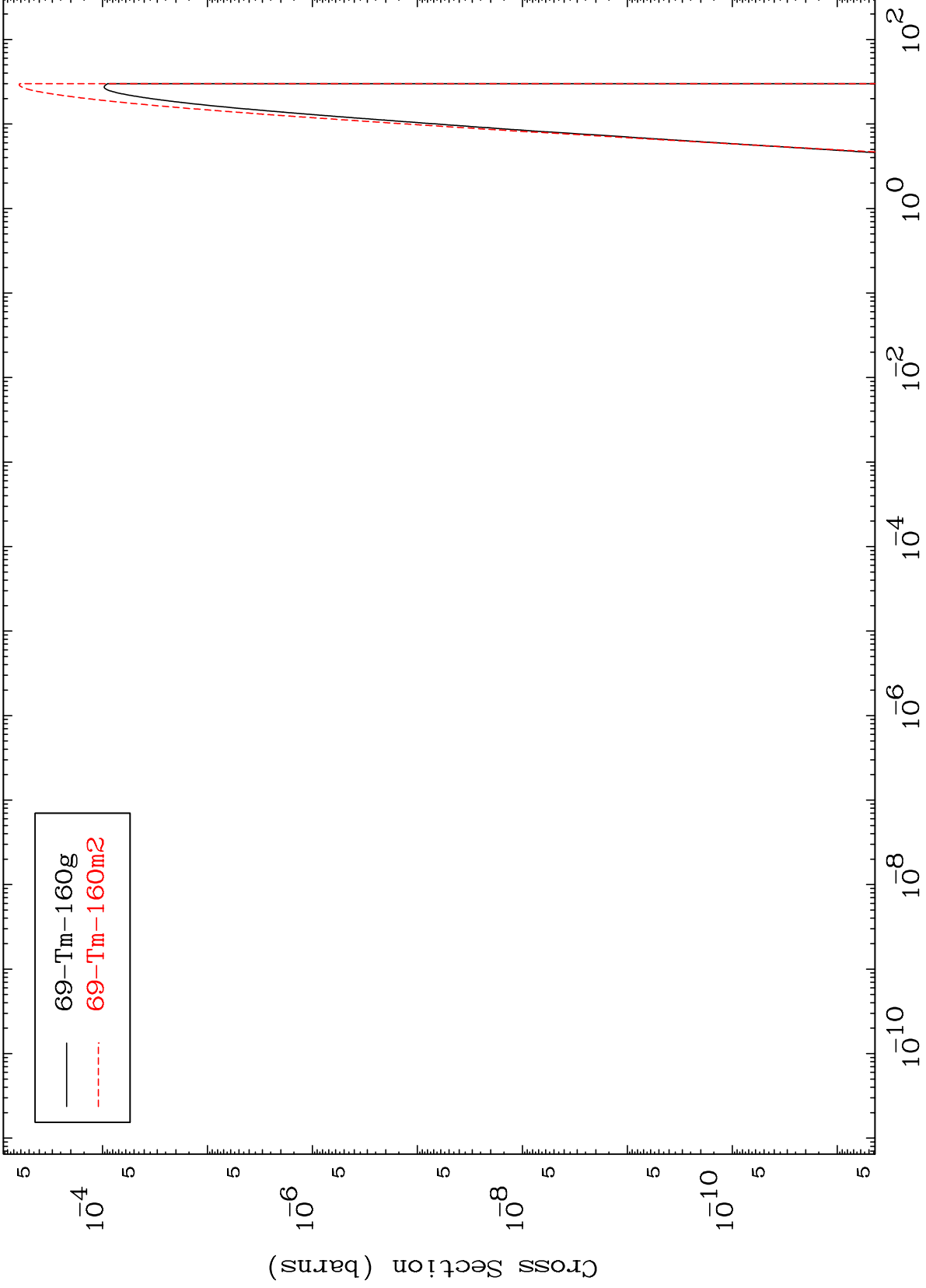
72-Hf-164

MAT 7195

(n,p)  $\alpha$

72-Hf-164

Radionuclide Production Cross Section



74

Incident Energy (MeV)

72-Hf-164