

Program EVALPLOT  
(Version 2018-1)

by

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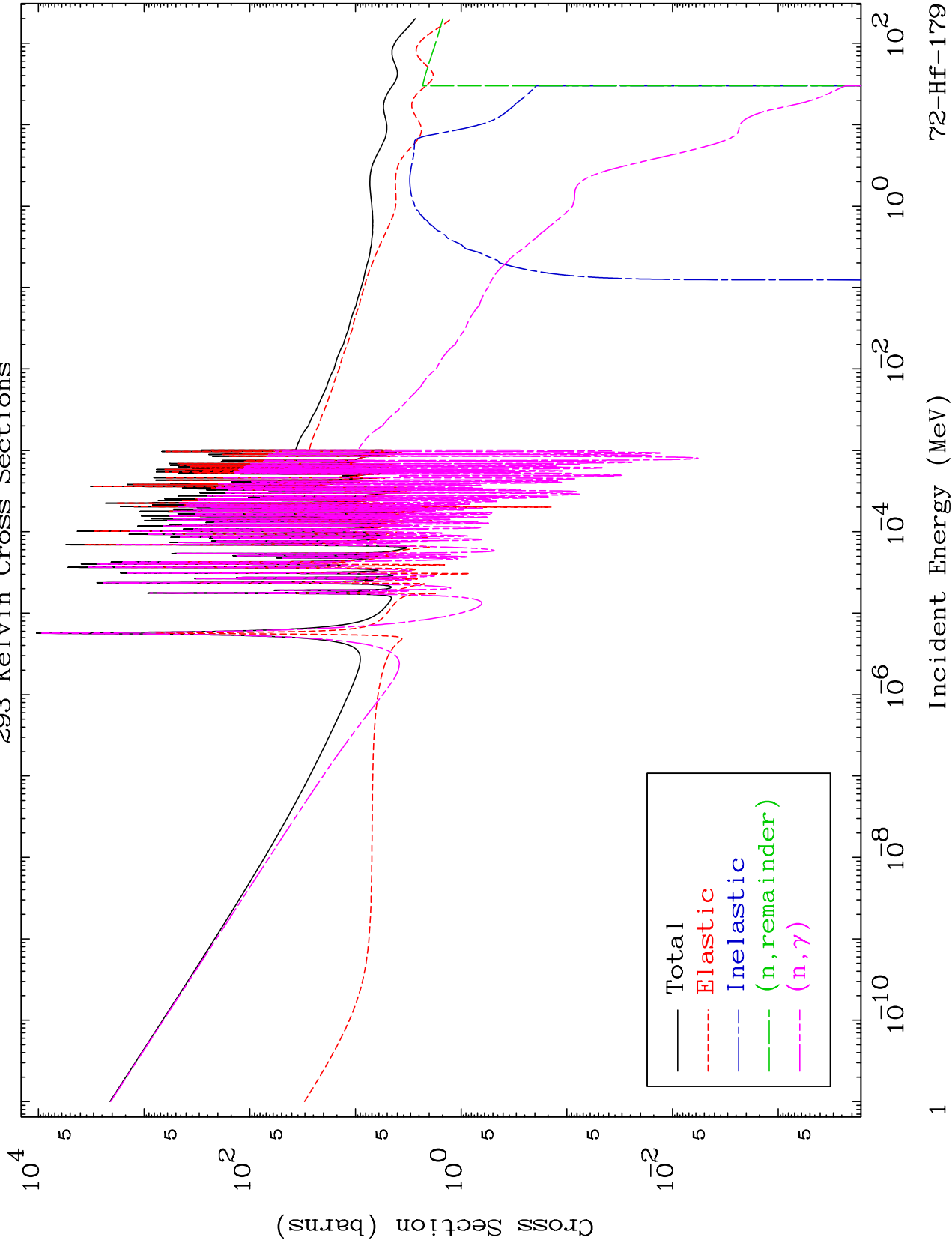
Press Mouse Button to Start

MAT 7240

Major

293 Kelvin Cross Sections

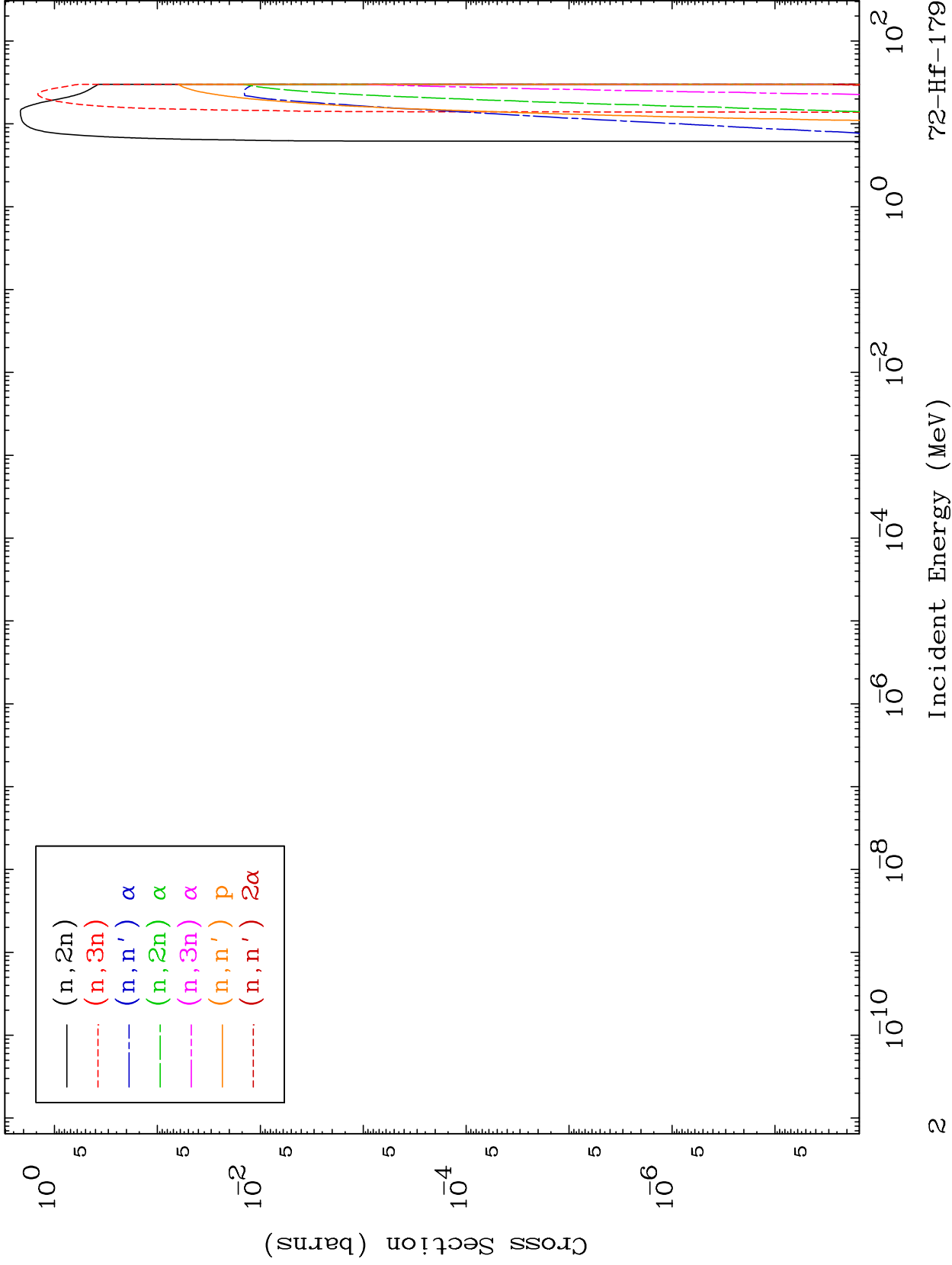
72-Hf-179

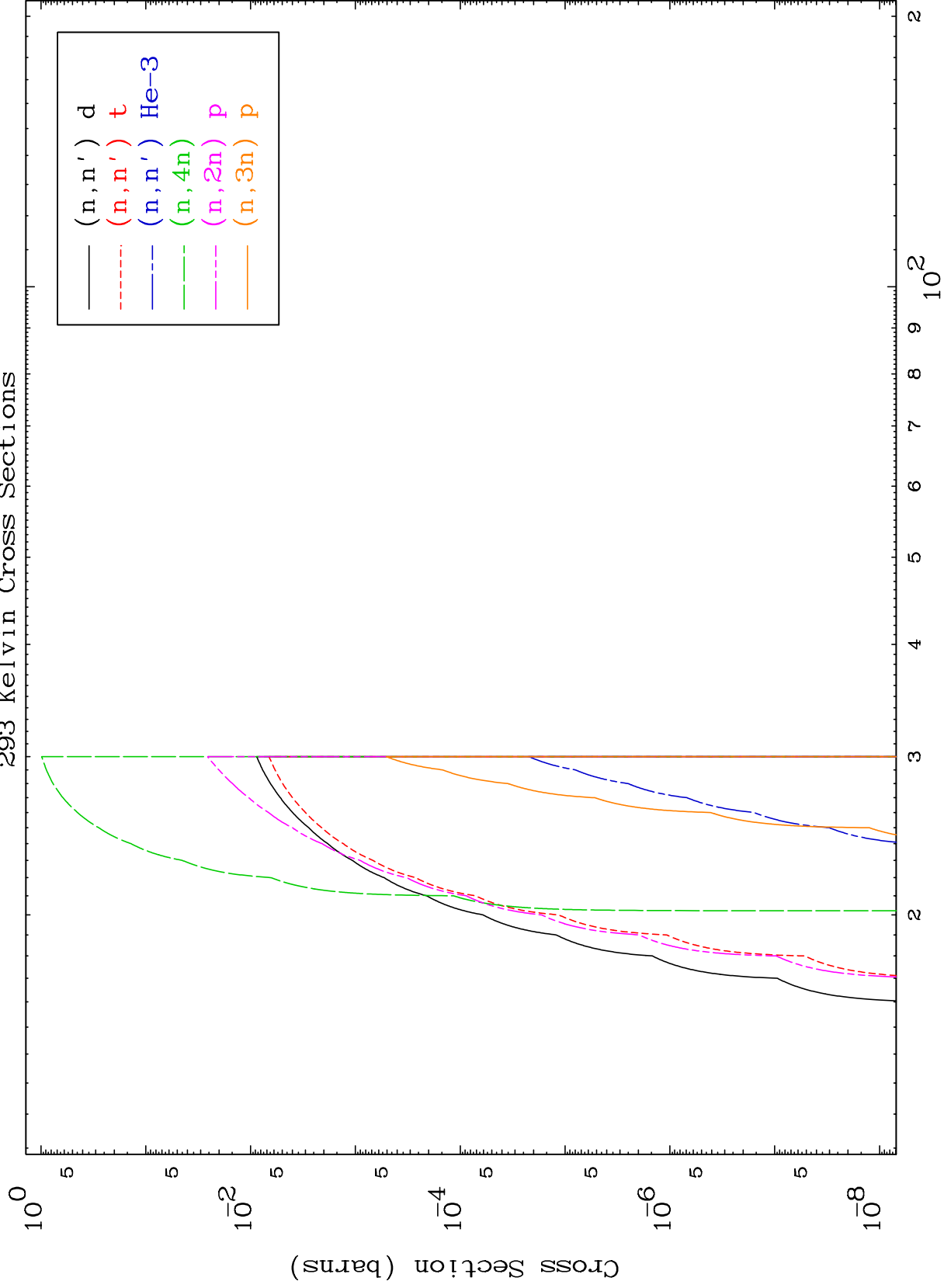


MAT 7240

Neutron Production  
293 Kelvin Cross Sections

72-Hf-179

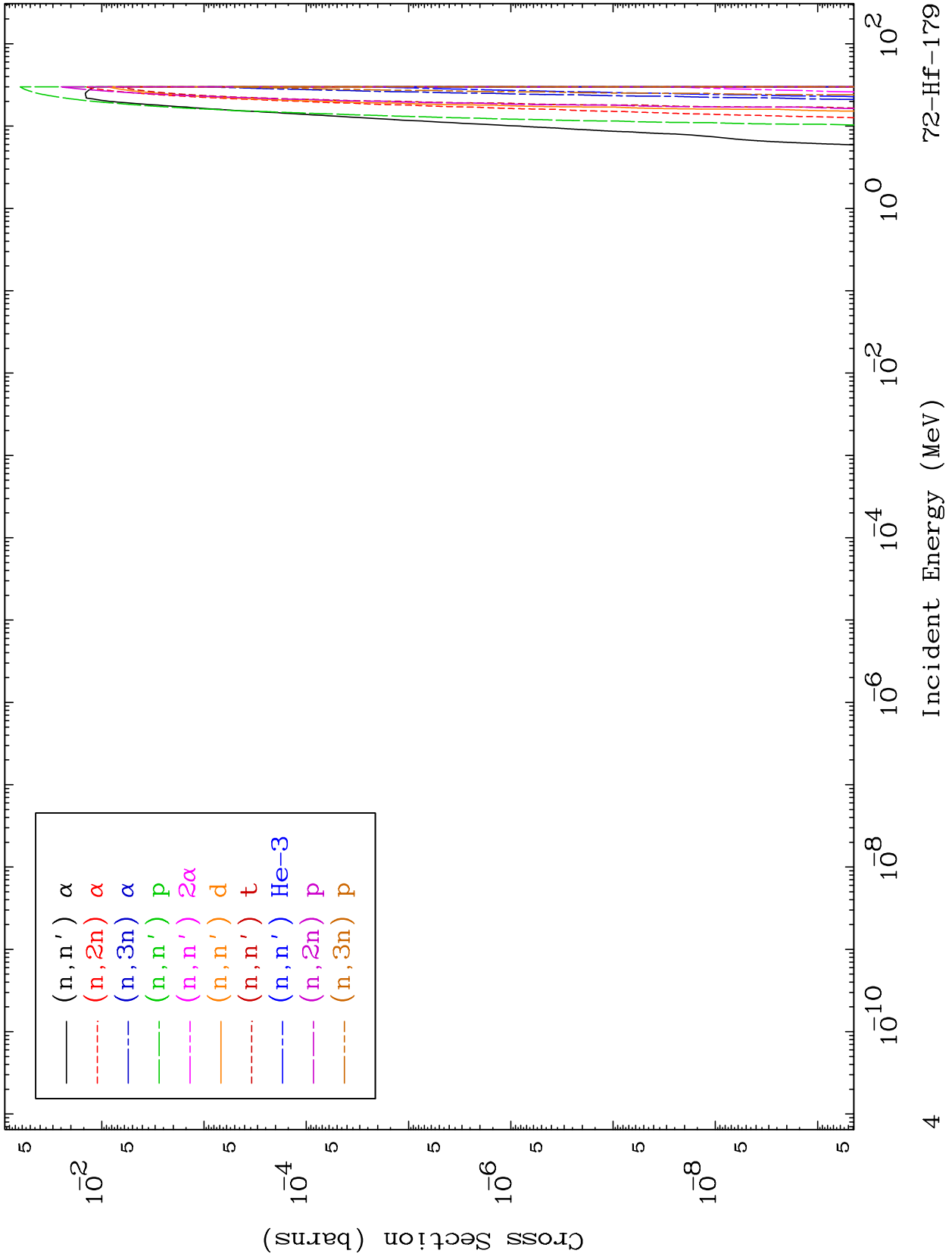




MAT 7240

Charged Particle  
293 Kelvin Cross Sections

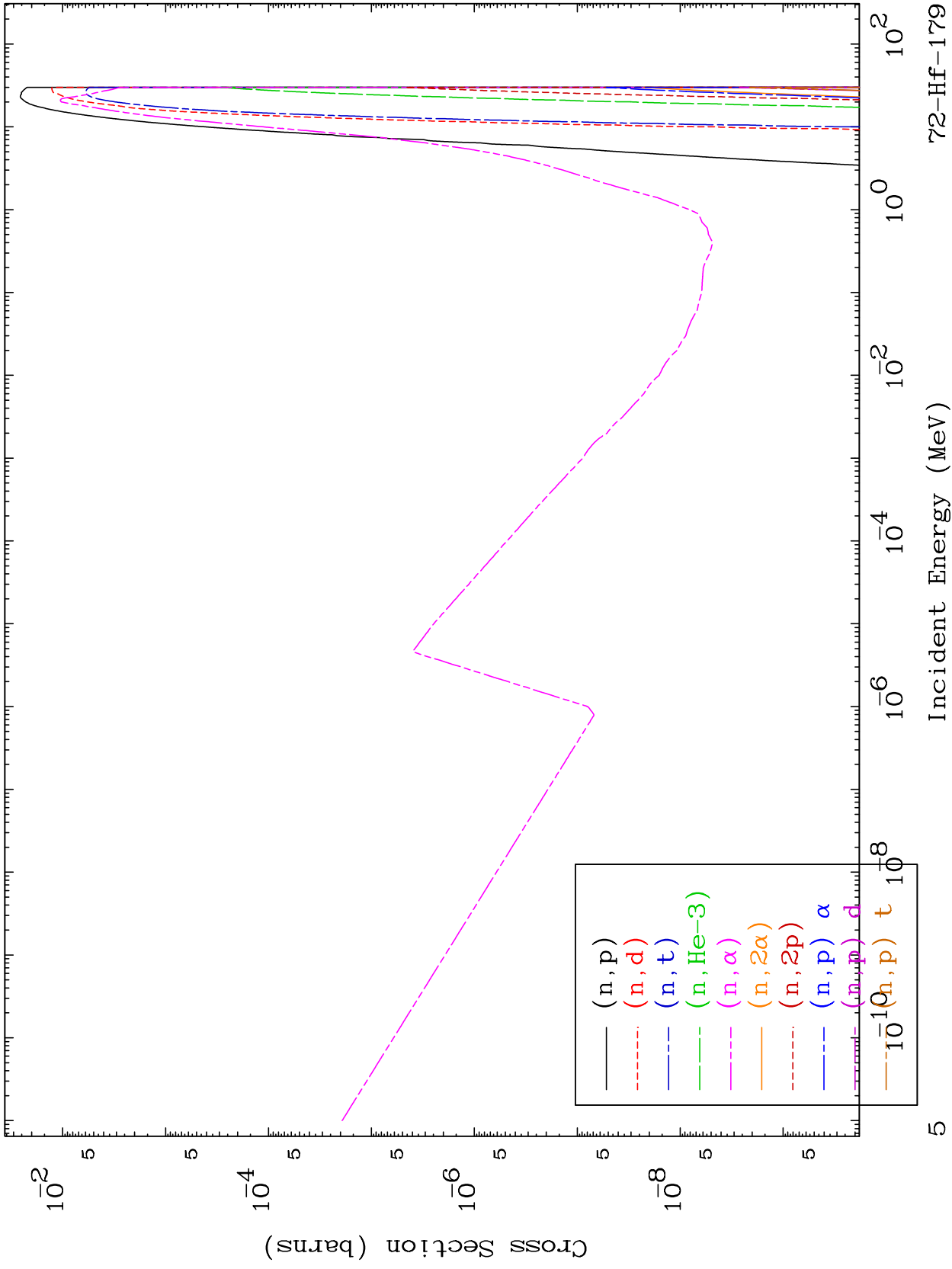
72-Hf-179



MAT 7240

Charged Particle  
293 Kelvin Cross Sections

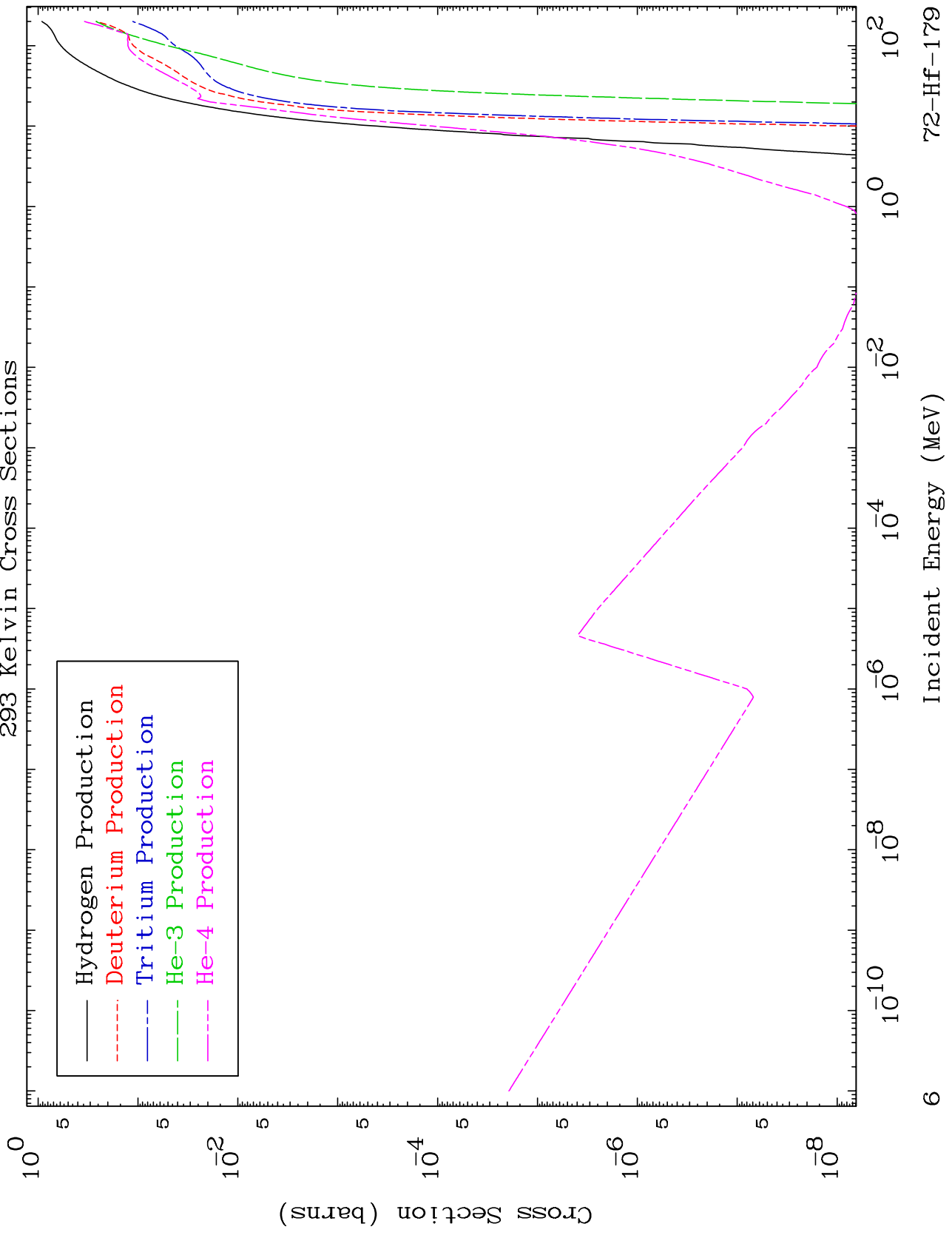
72-Hf-179



MAT 7240

Particle Production  
293 Kelvin Cross Sections

72-Hf-179

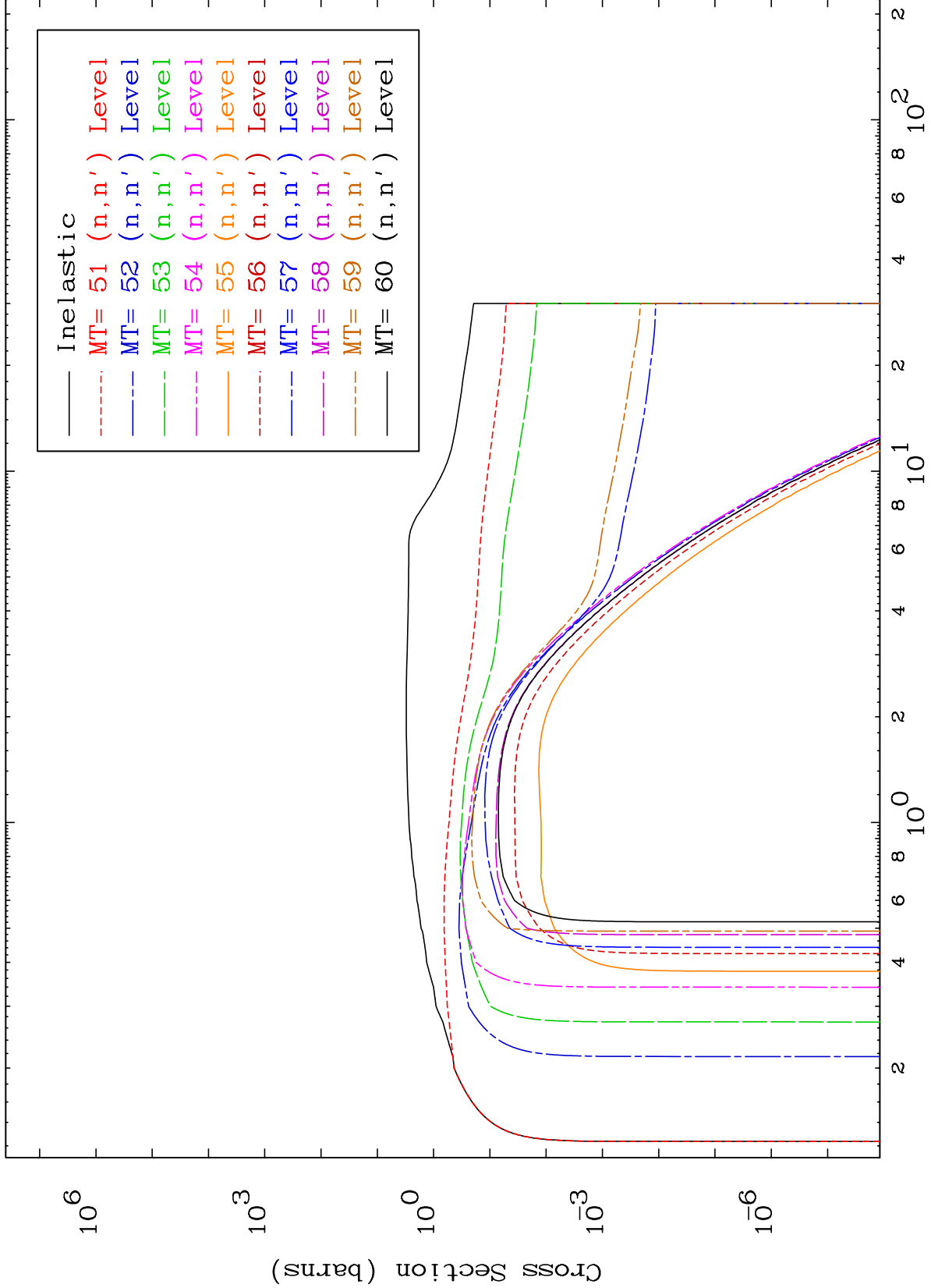


MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



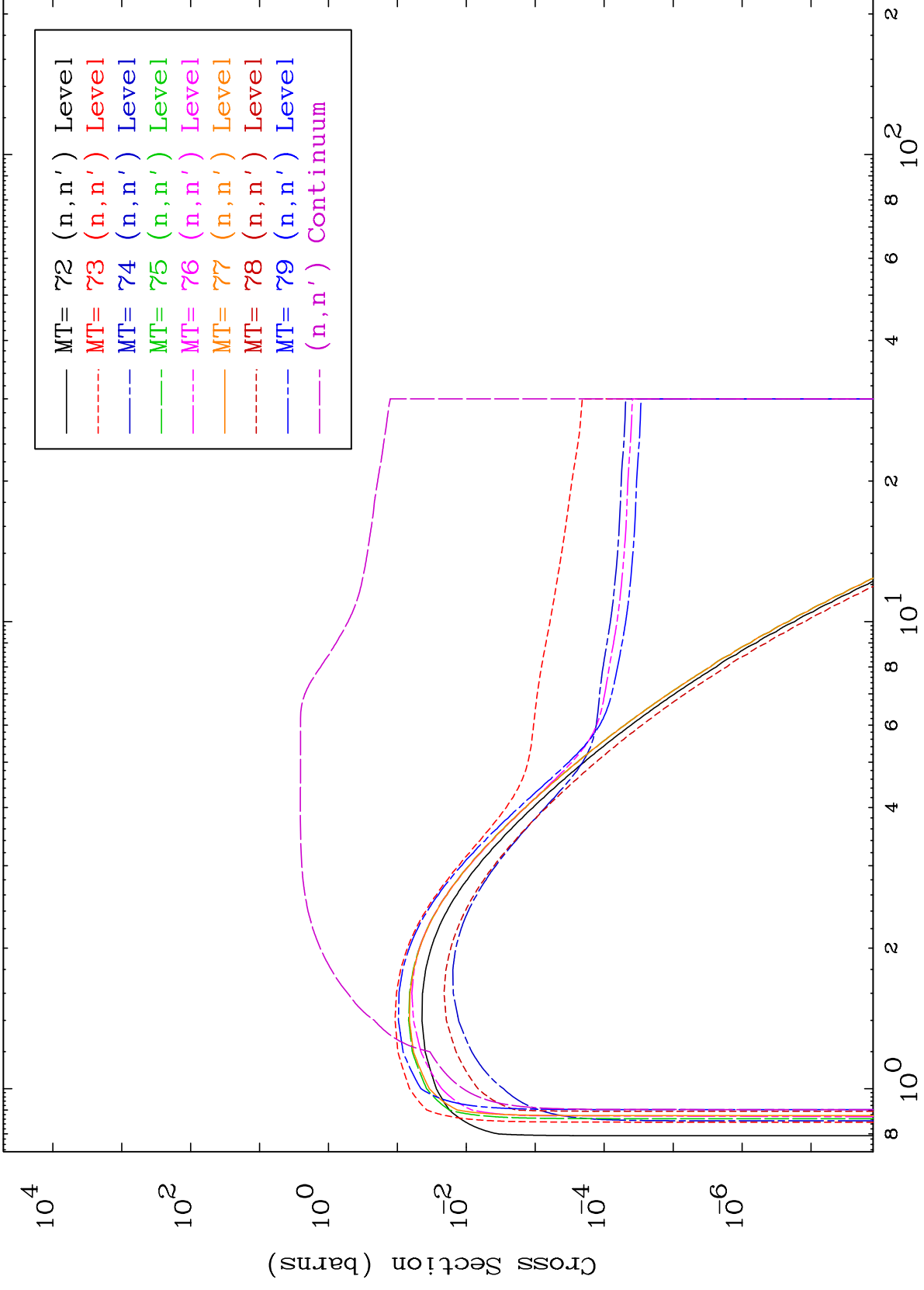


MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



Incident Energy (MeV)

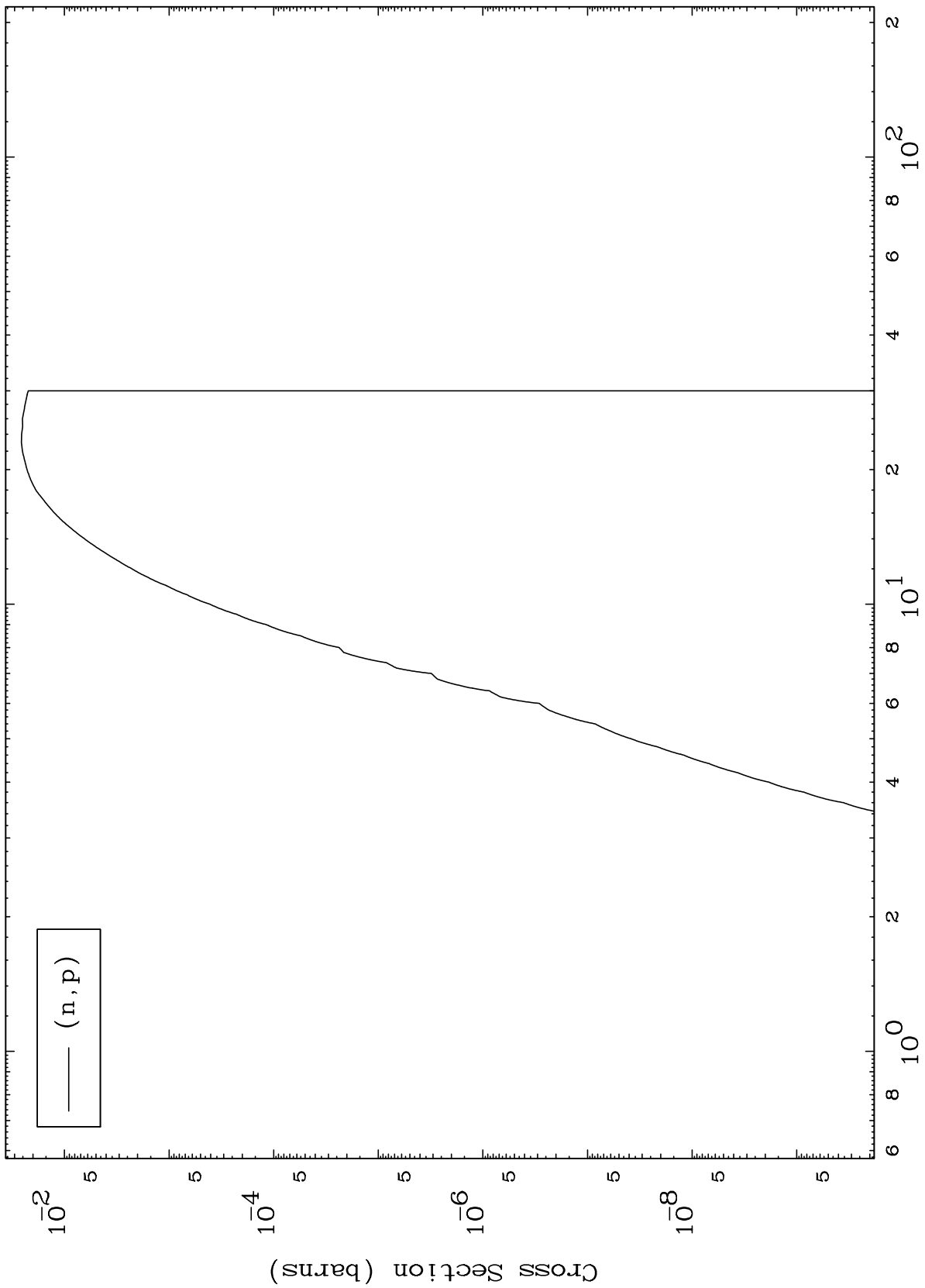
72-Hf-179

9

MAT 7240

(n,p) Levels  
293 Kelvin Cross Sections

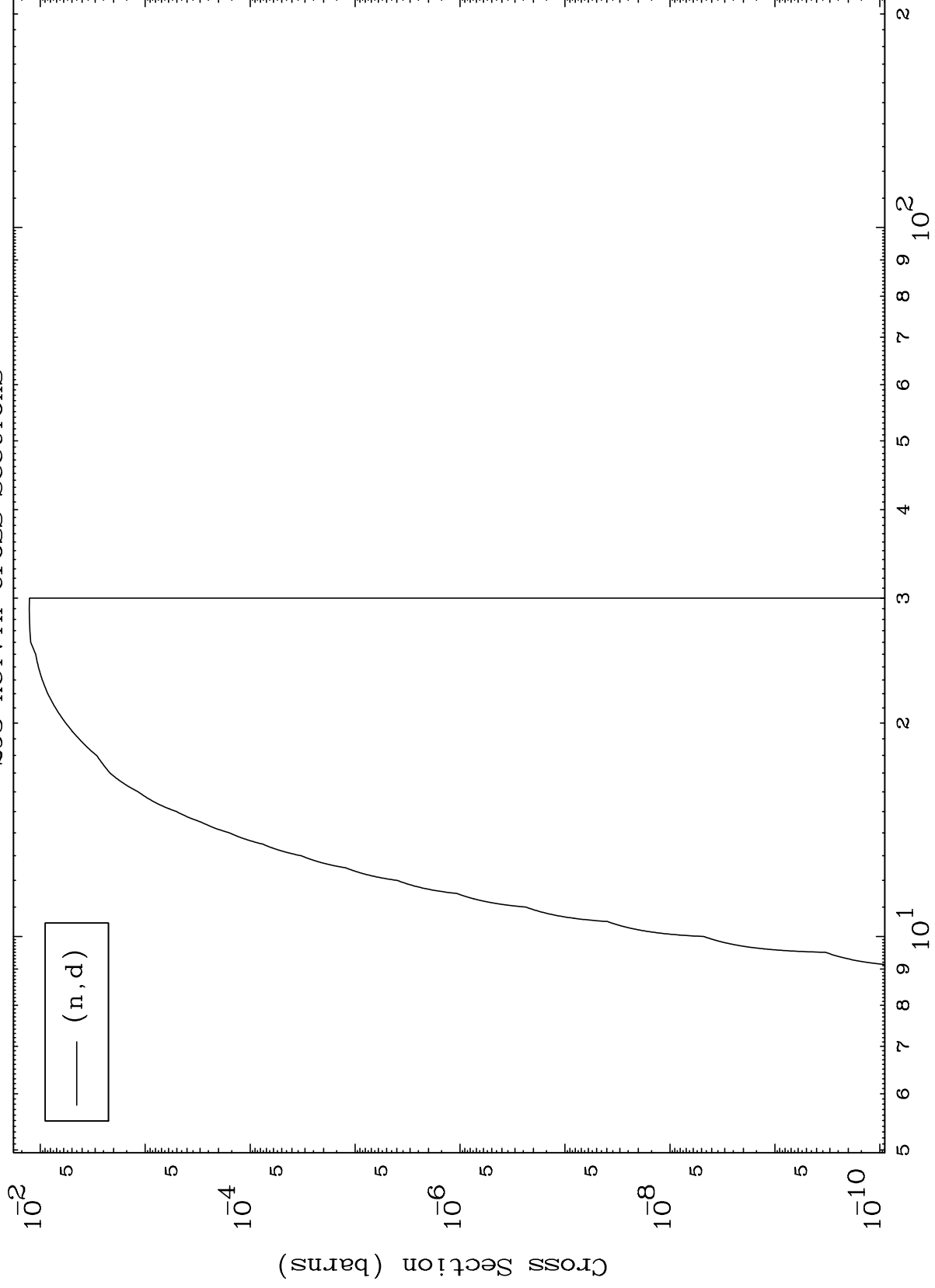
72-Hf-179



MAT 7240

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-179



11

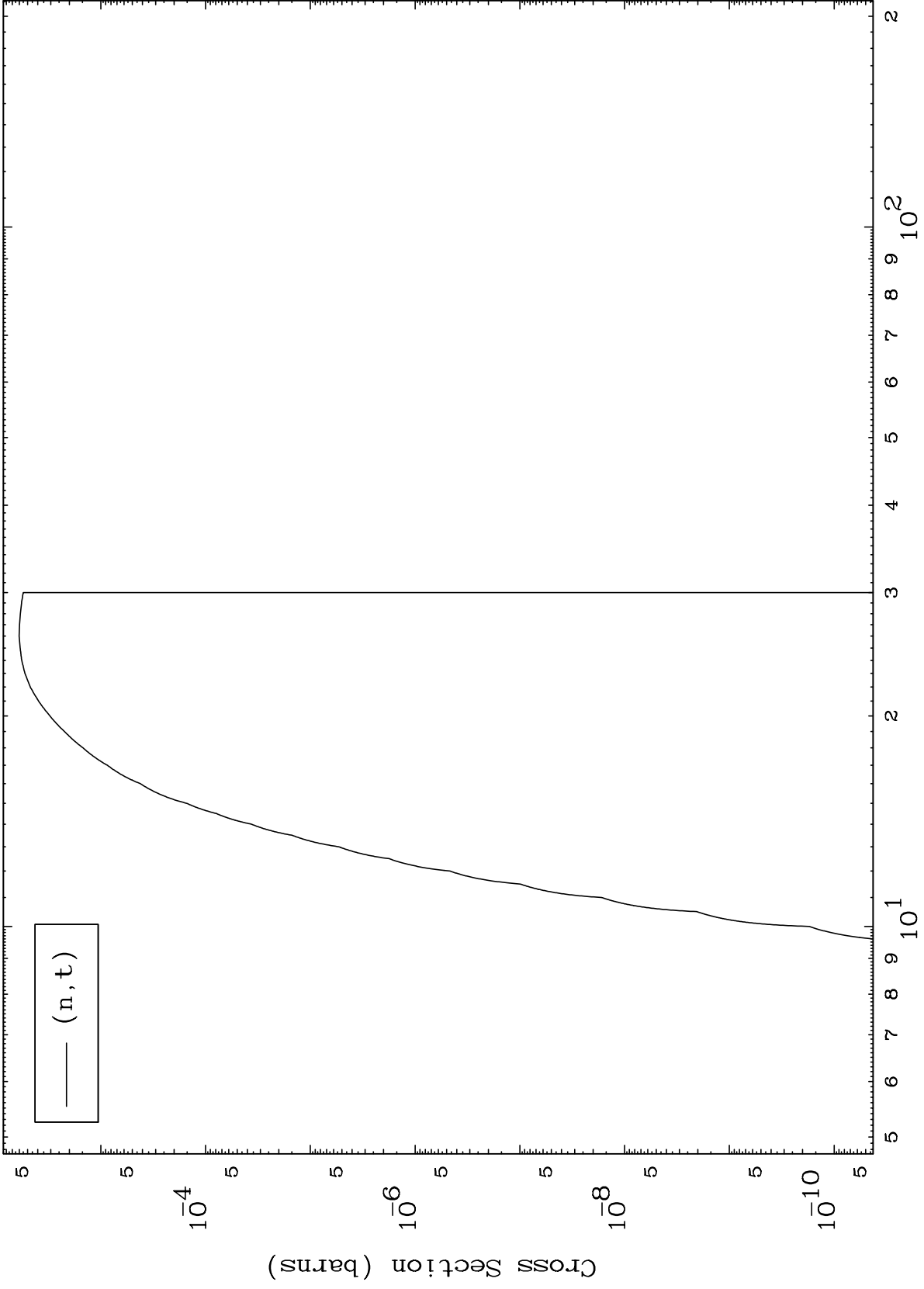
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-179



12

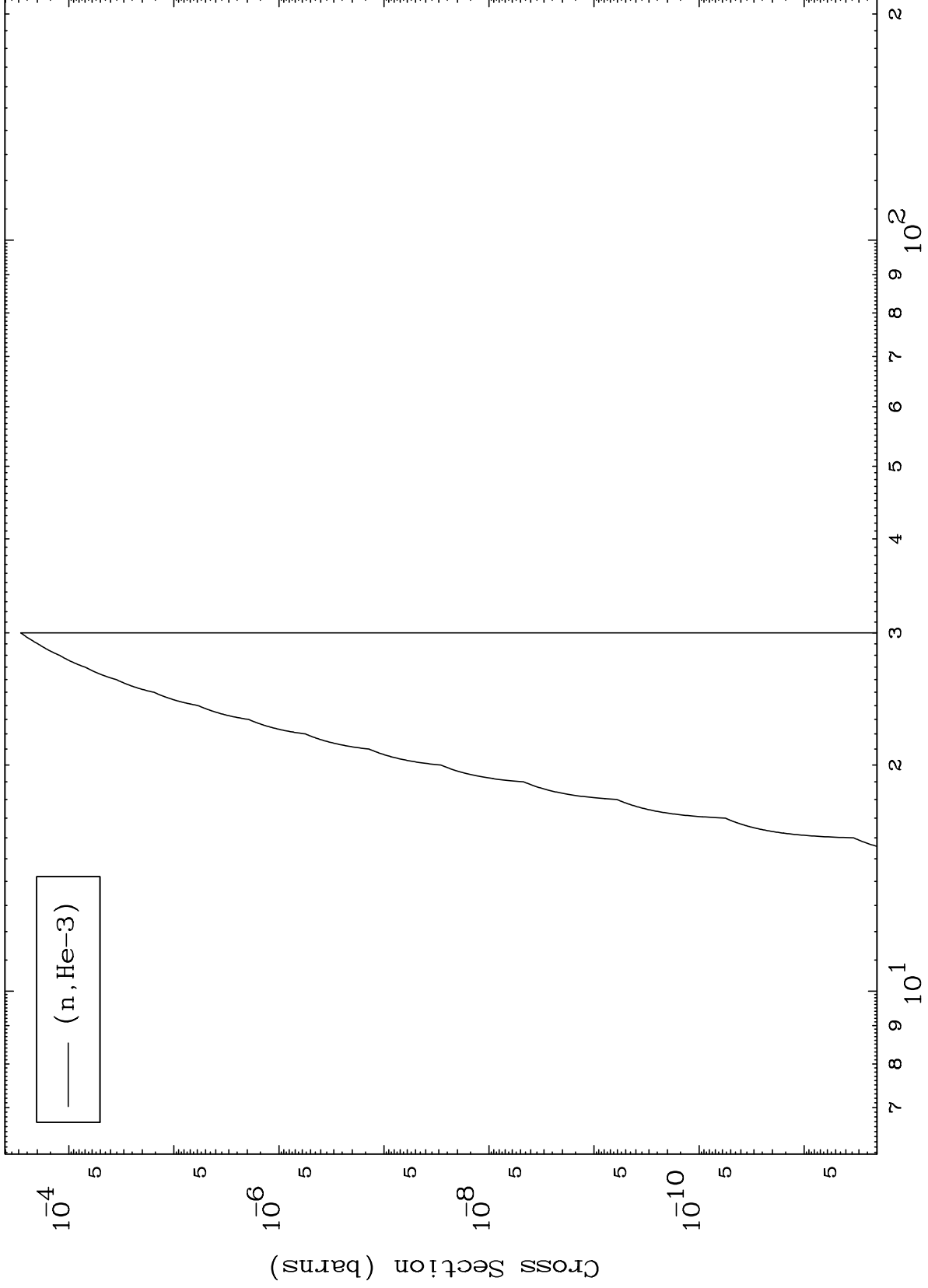
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-179



13

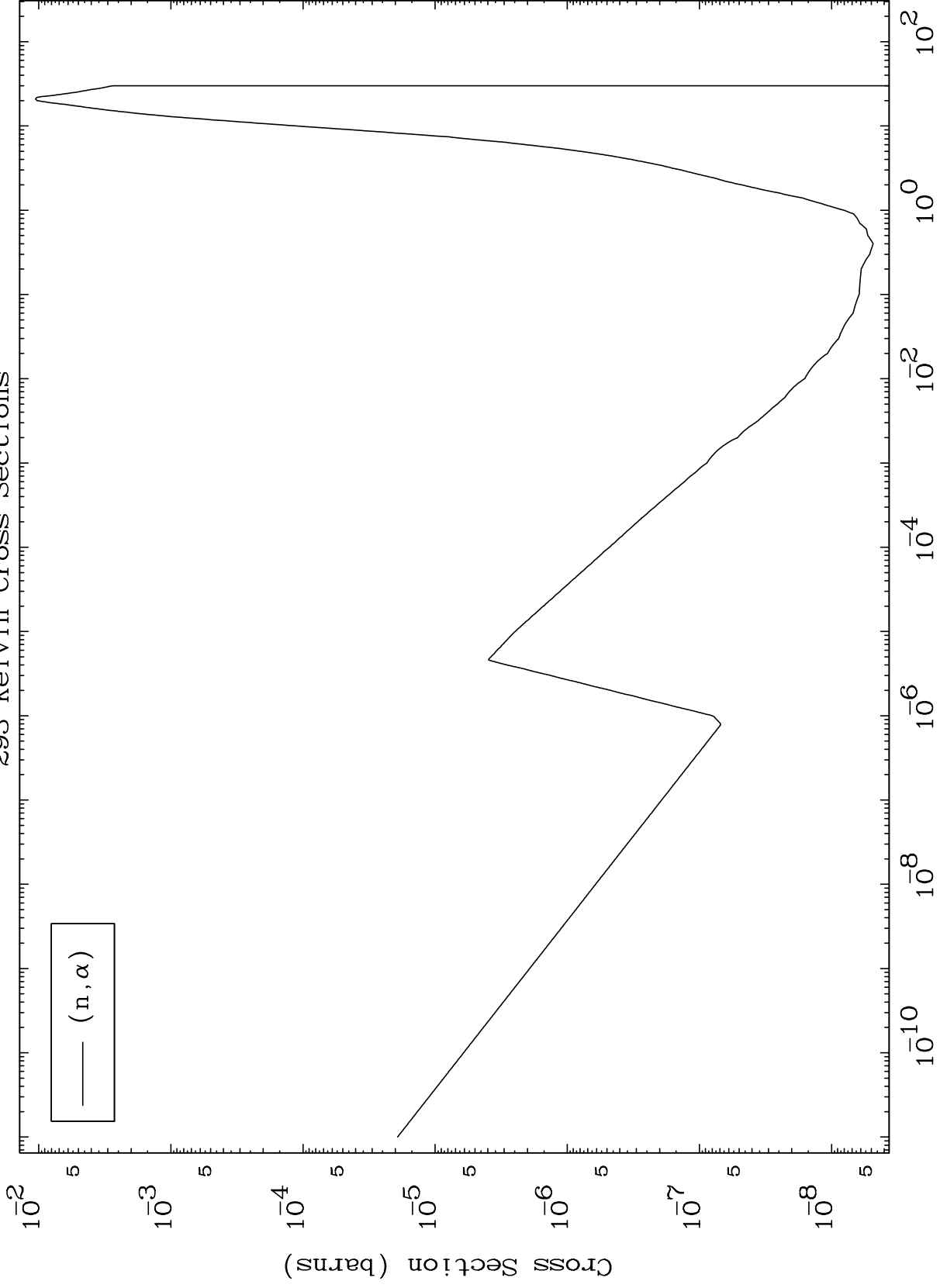
Incident Energy (MeV)

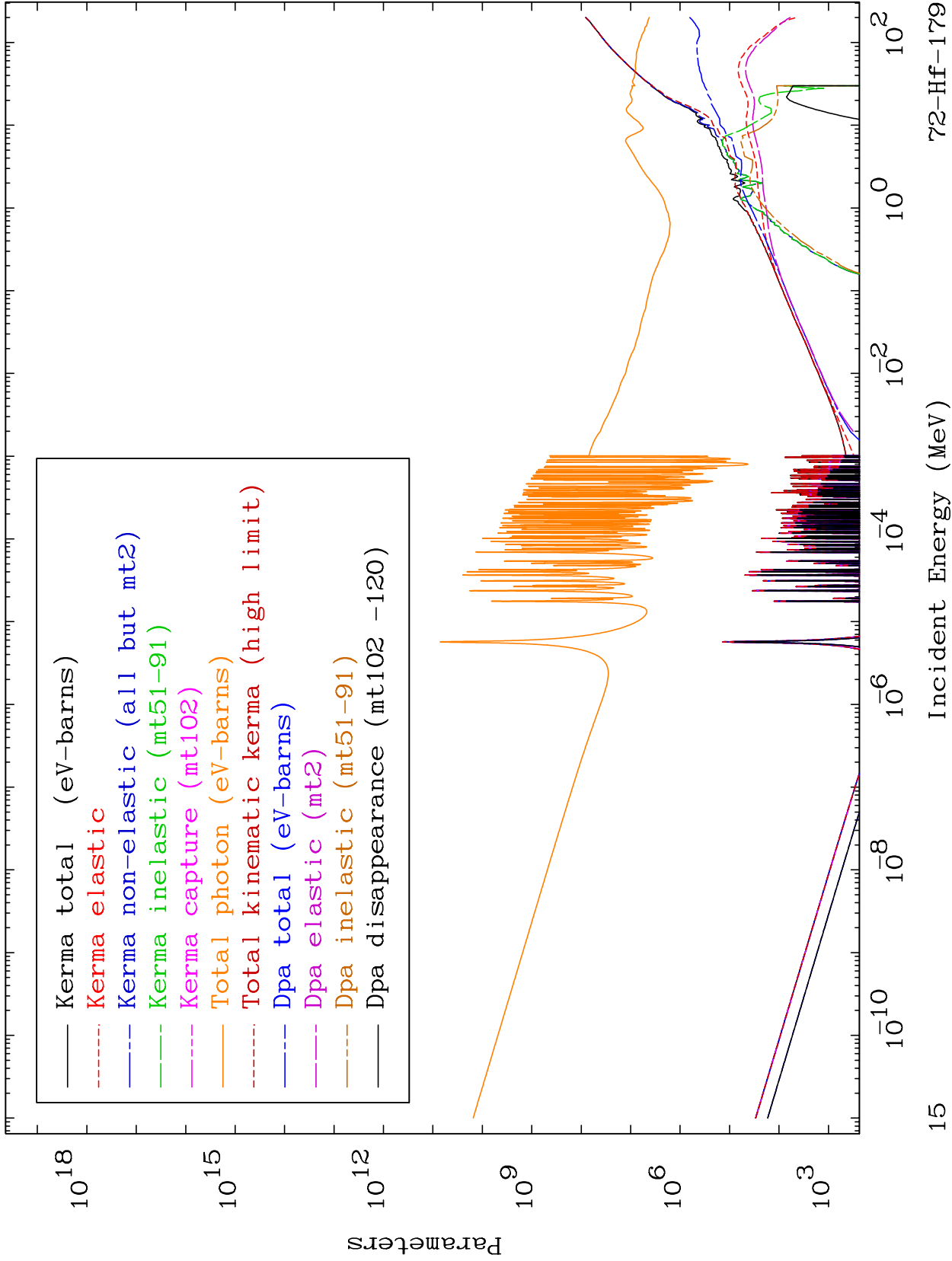
72-Hf-179

MAT 7240

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

72-Hf-179

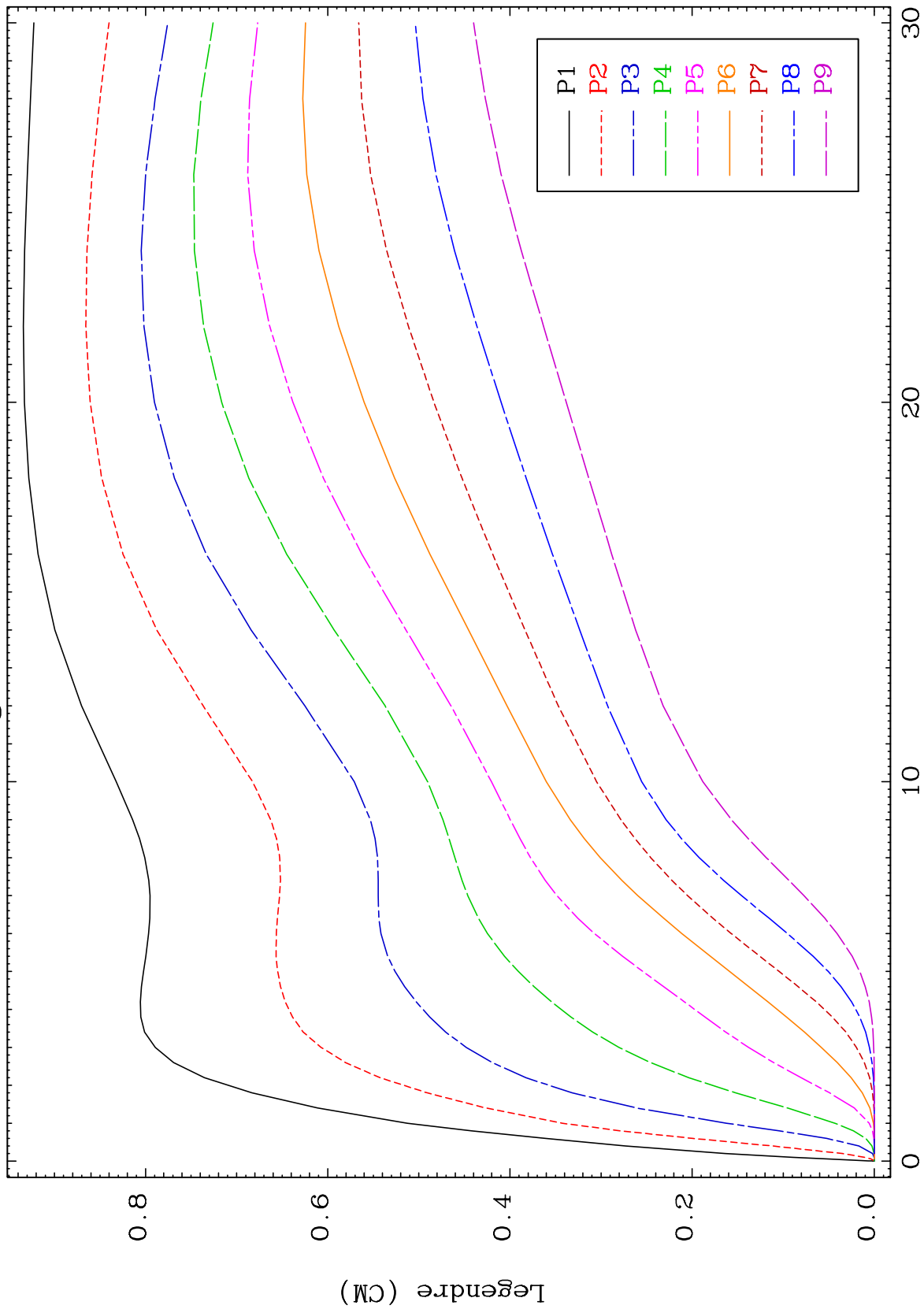




MAT 7240

Elastic Legendre Coefficients

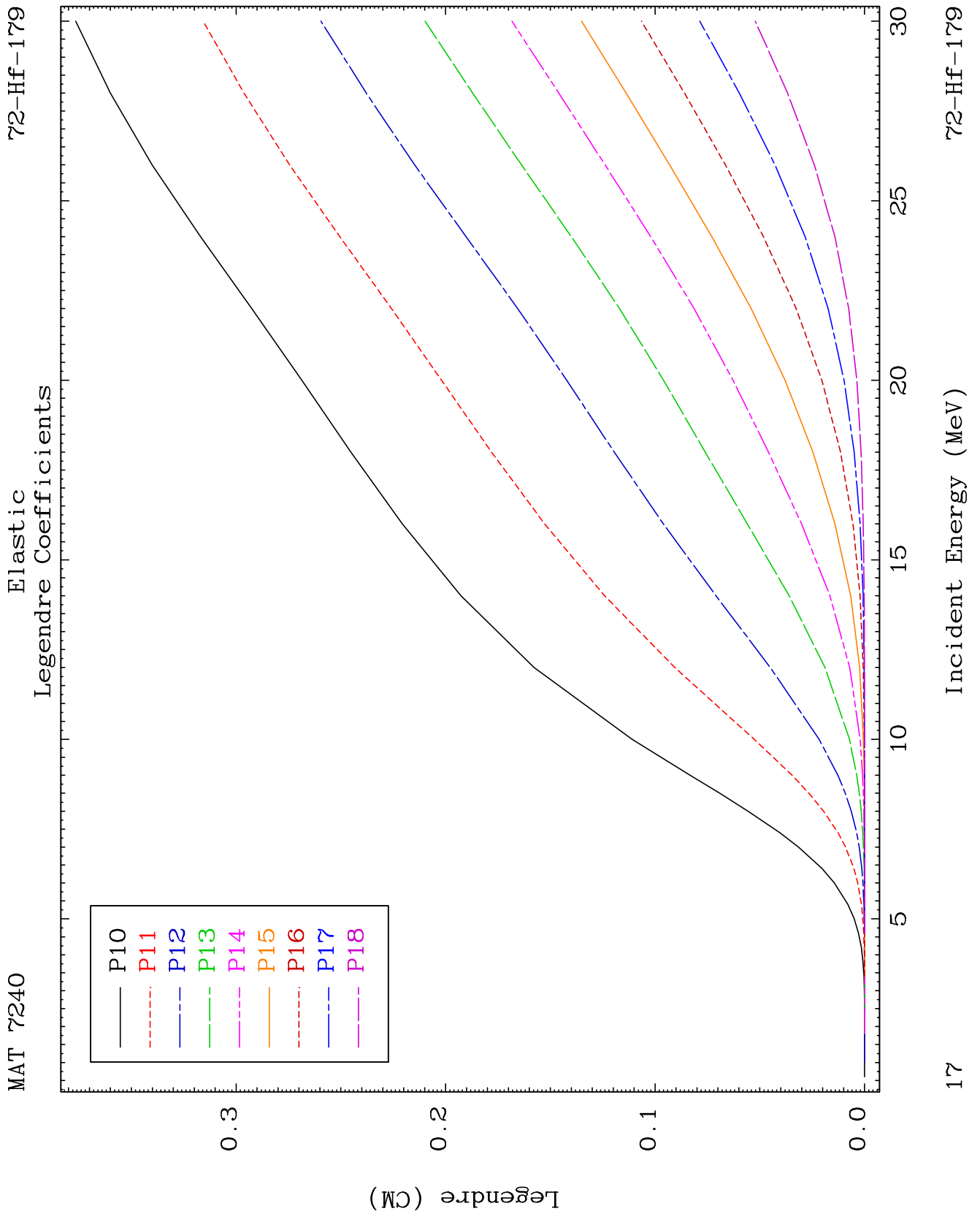
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Incident Energy (MeV)

72-Hf-179

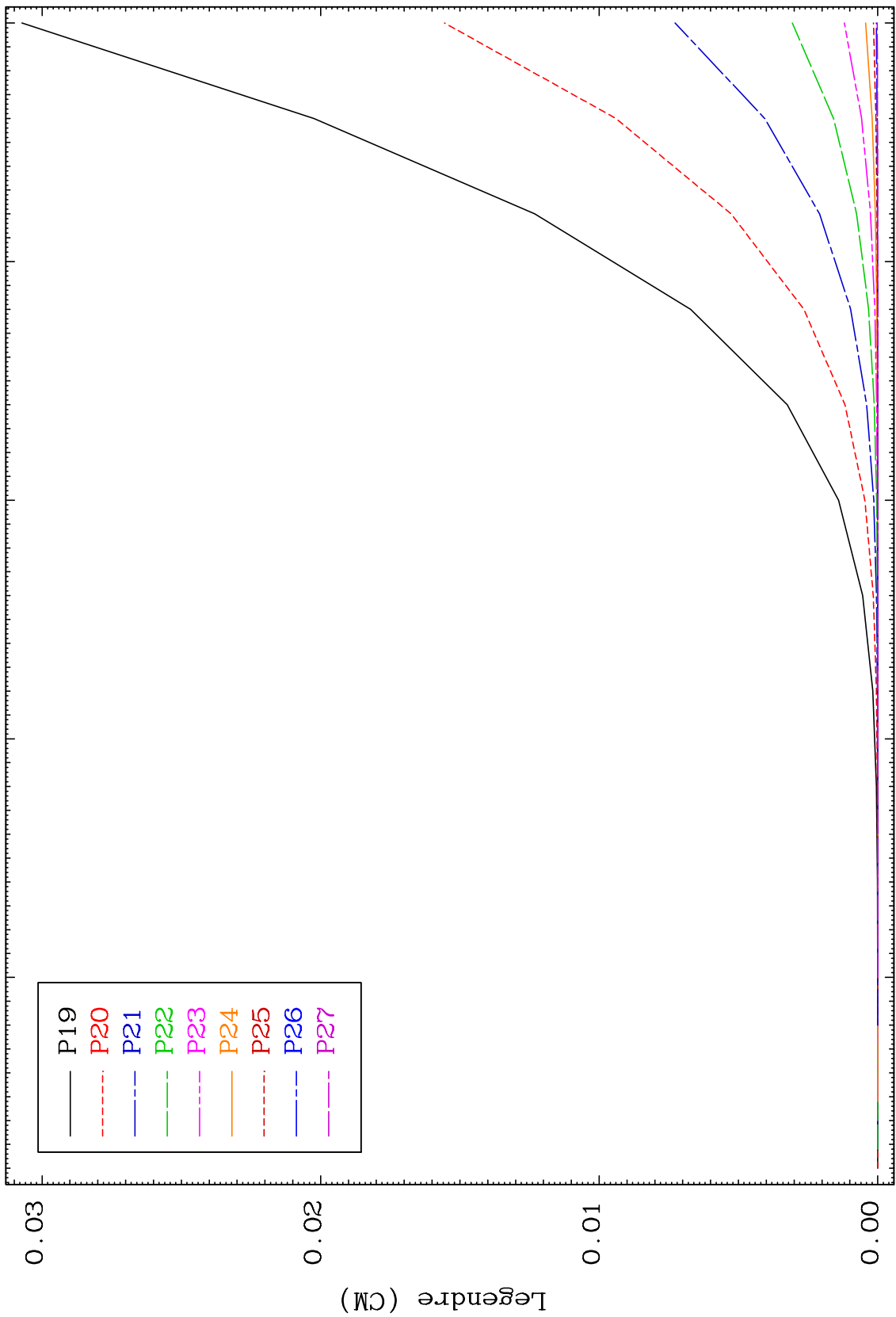
16



MAT 7240

Elastic Legendre Coefficients

72-Hf-179



18

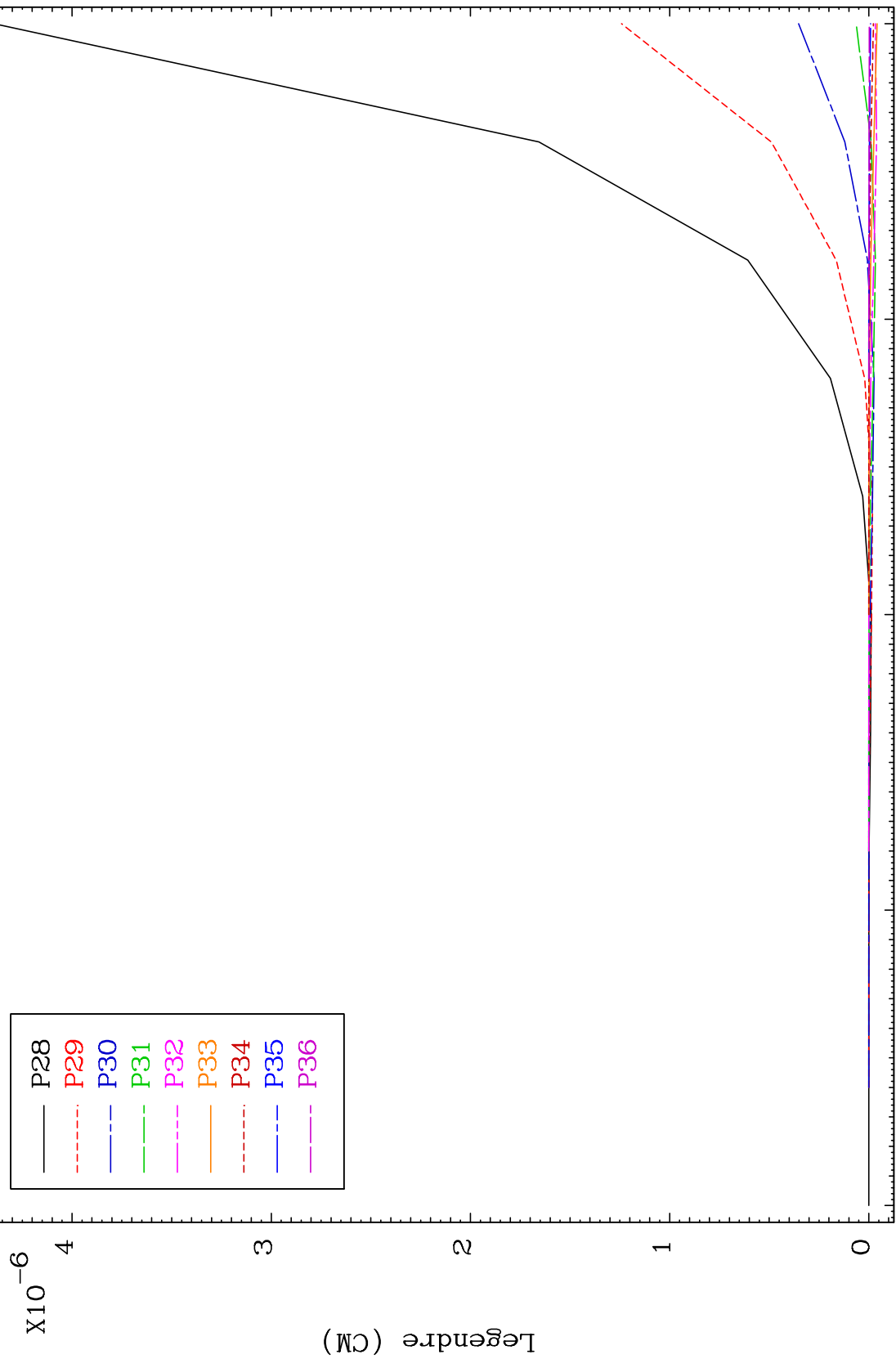
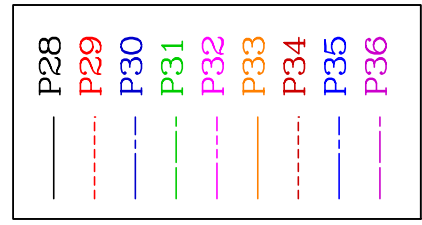
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



72-Hf-179

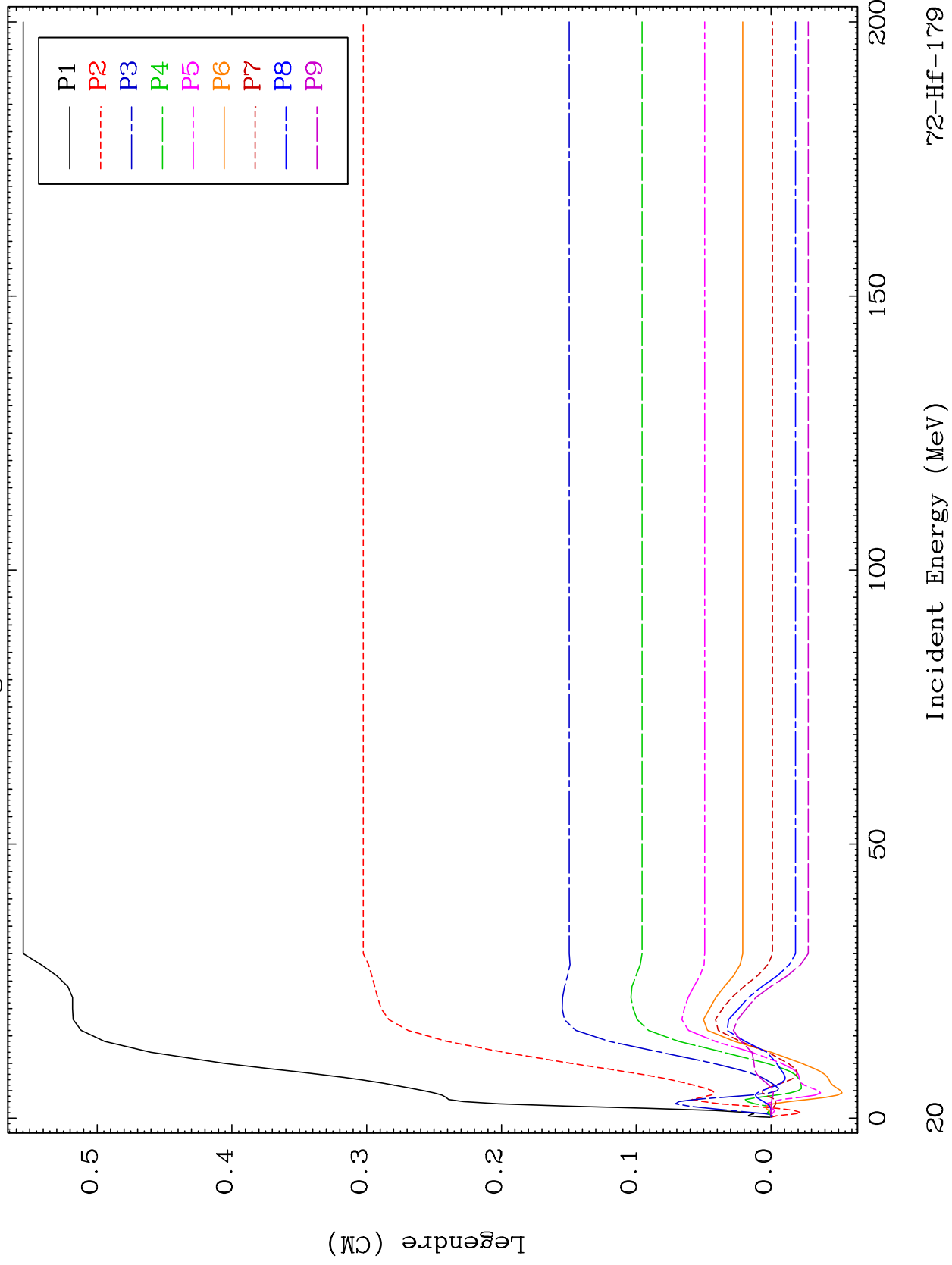
Incident Energy (MeV)

19

MAT 7240

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

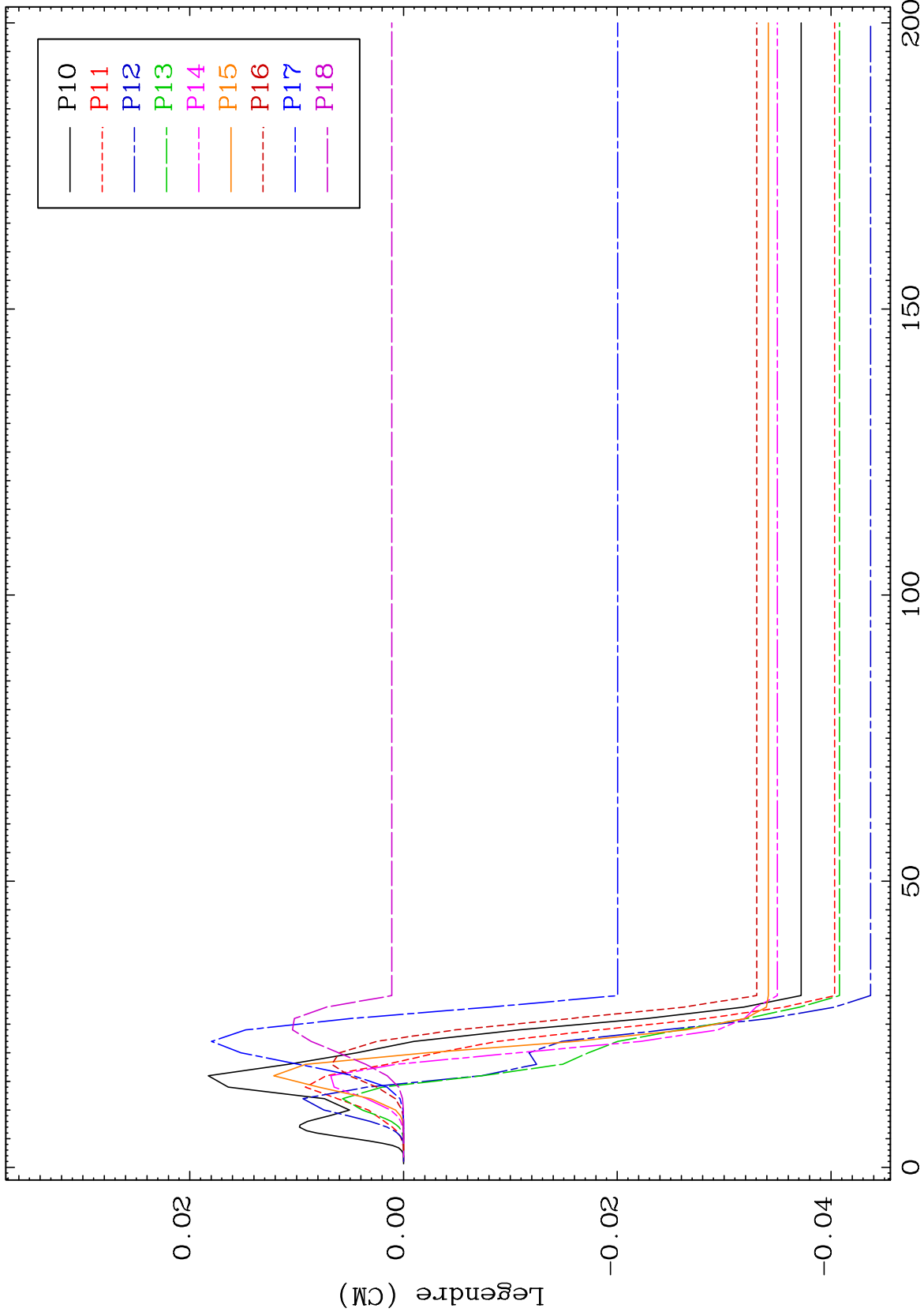
72-Hf-179



MAT 7240

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

72-Hf-179



21

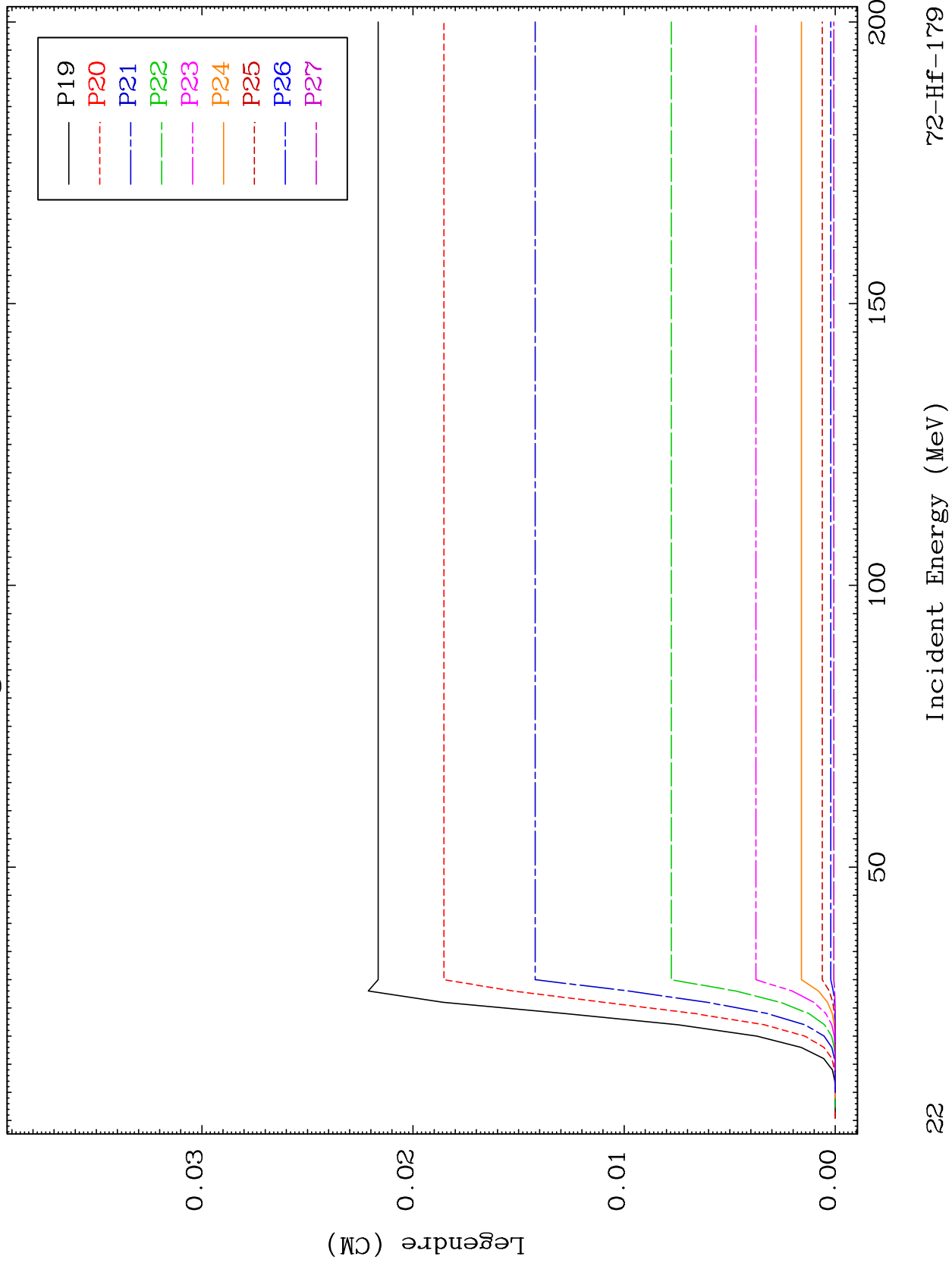
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



22

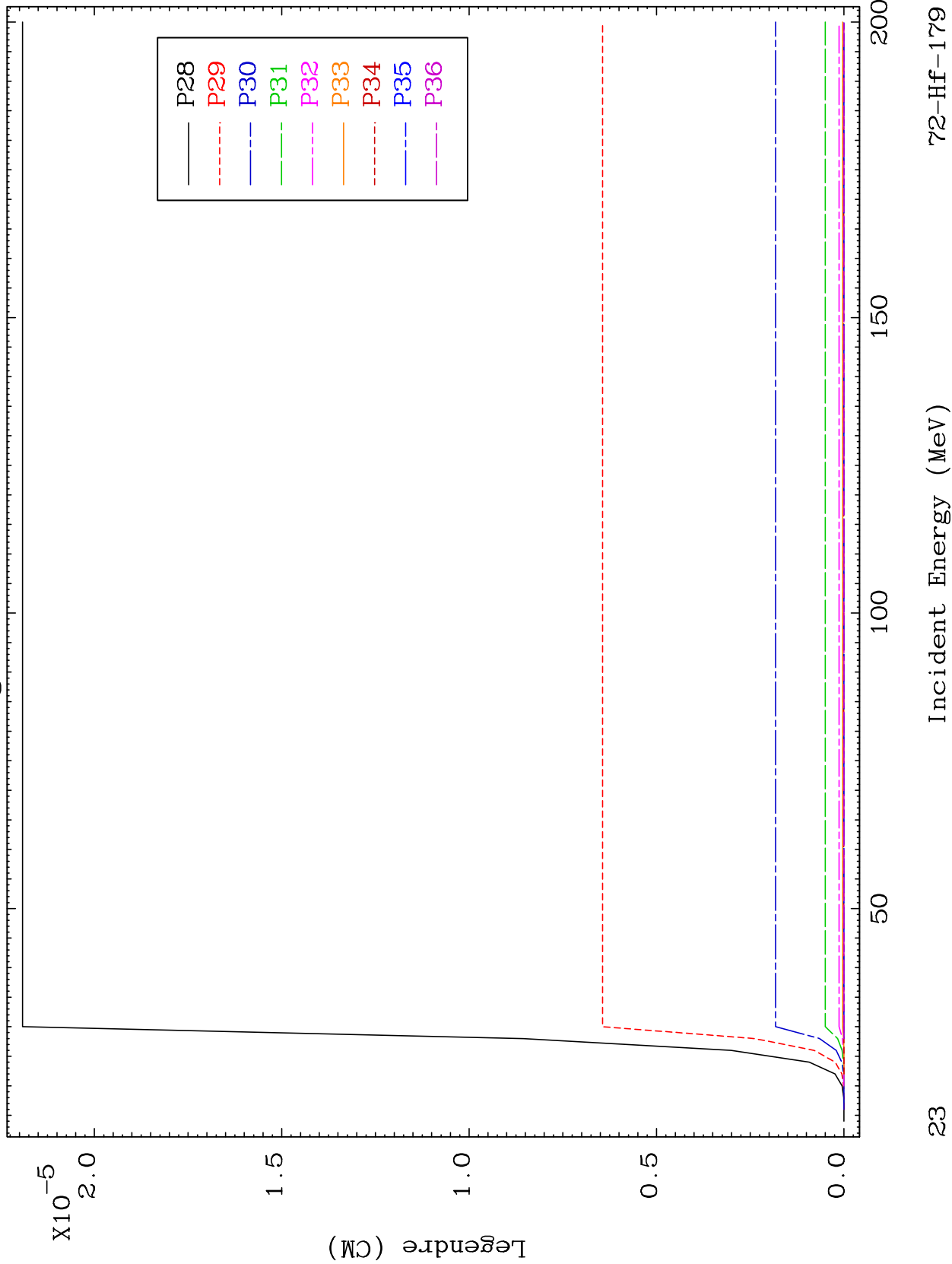
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179

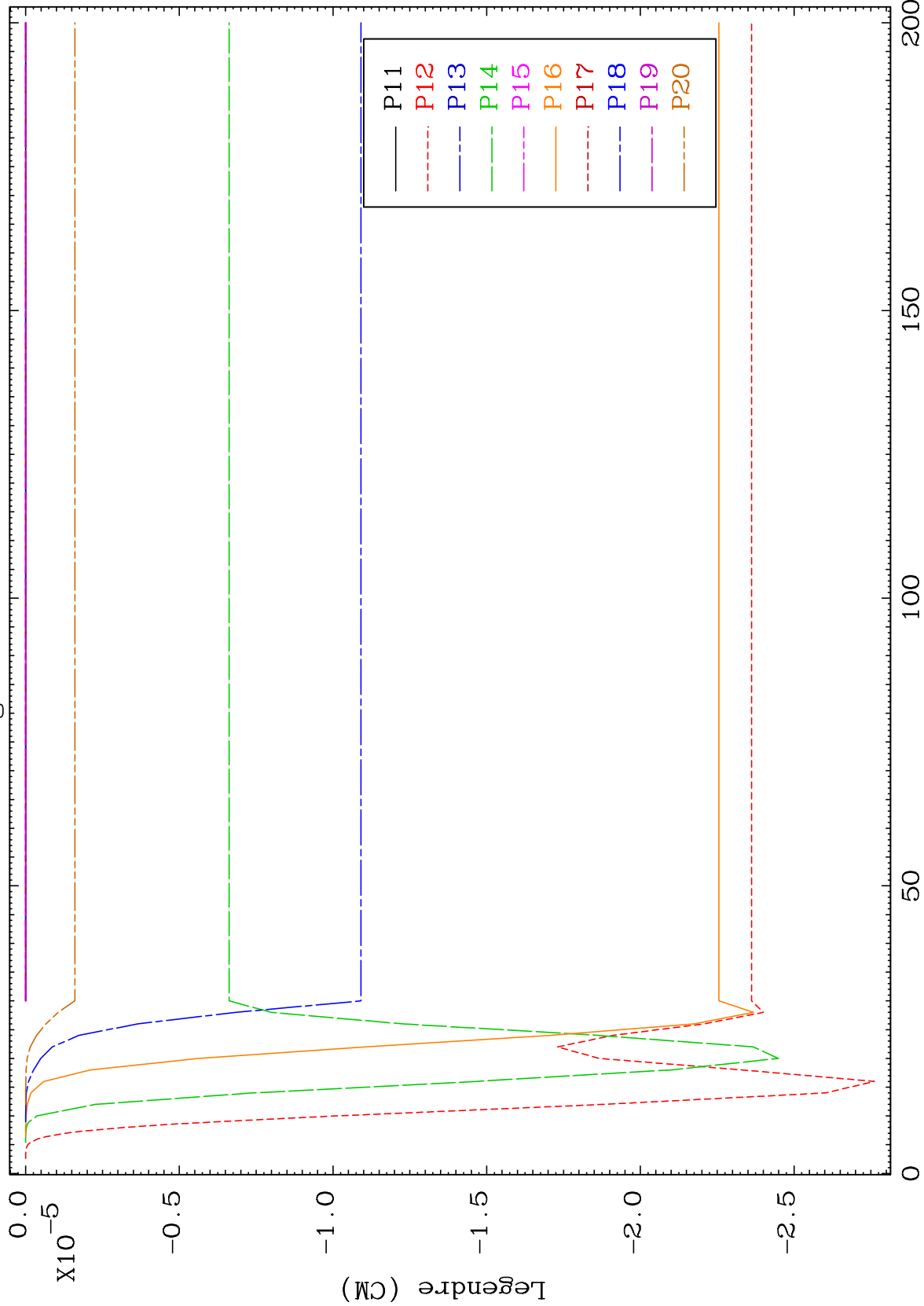




MAT 7240

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

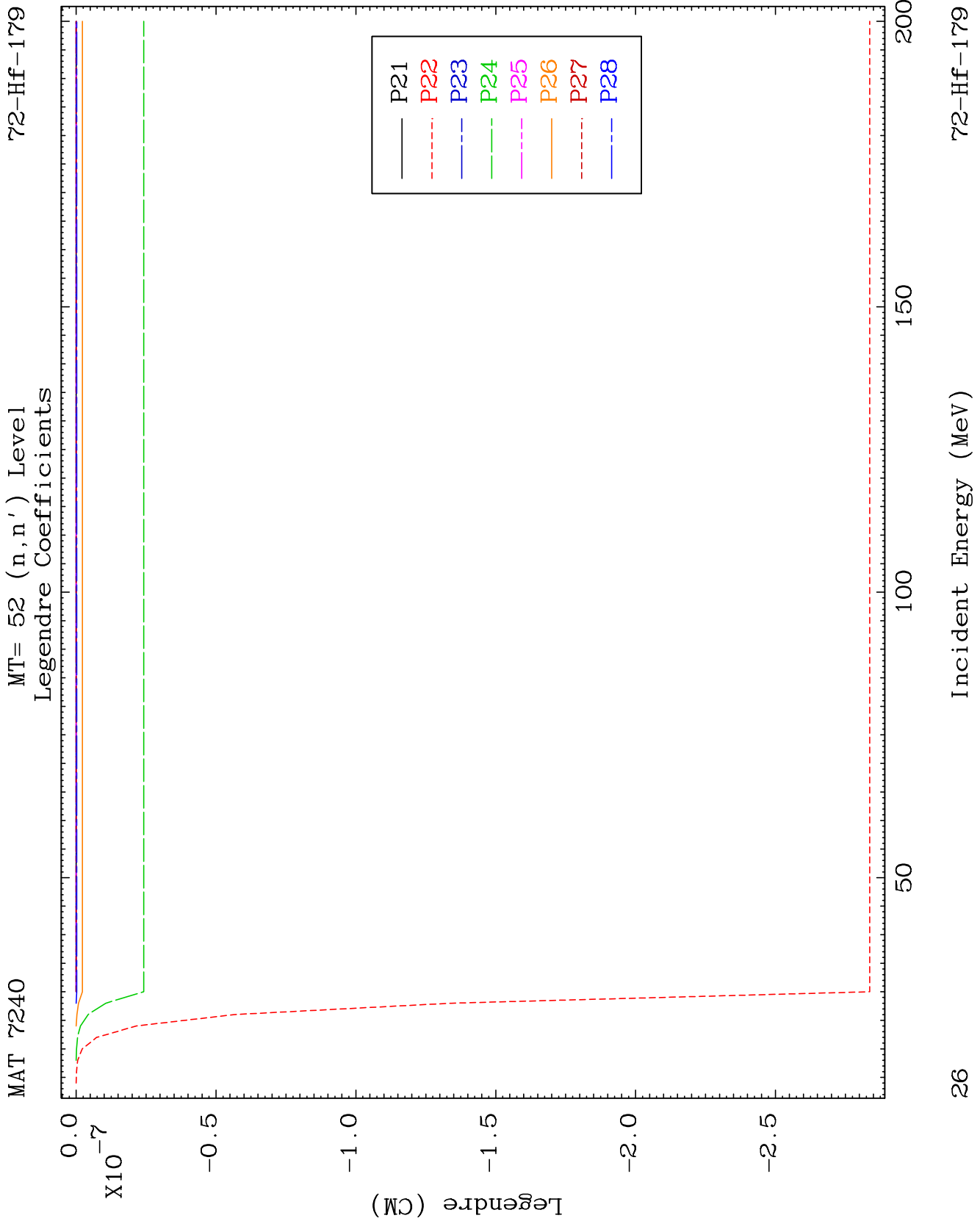
72-Hf-179



72-Hf-179

Incident Energy (MeV)

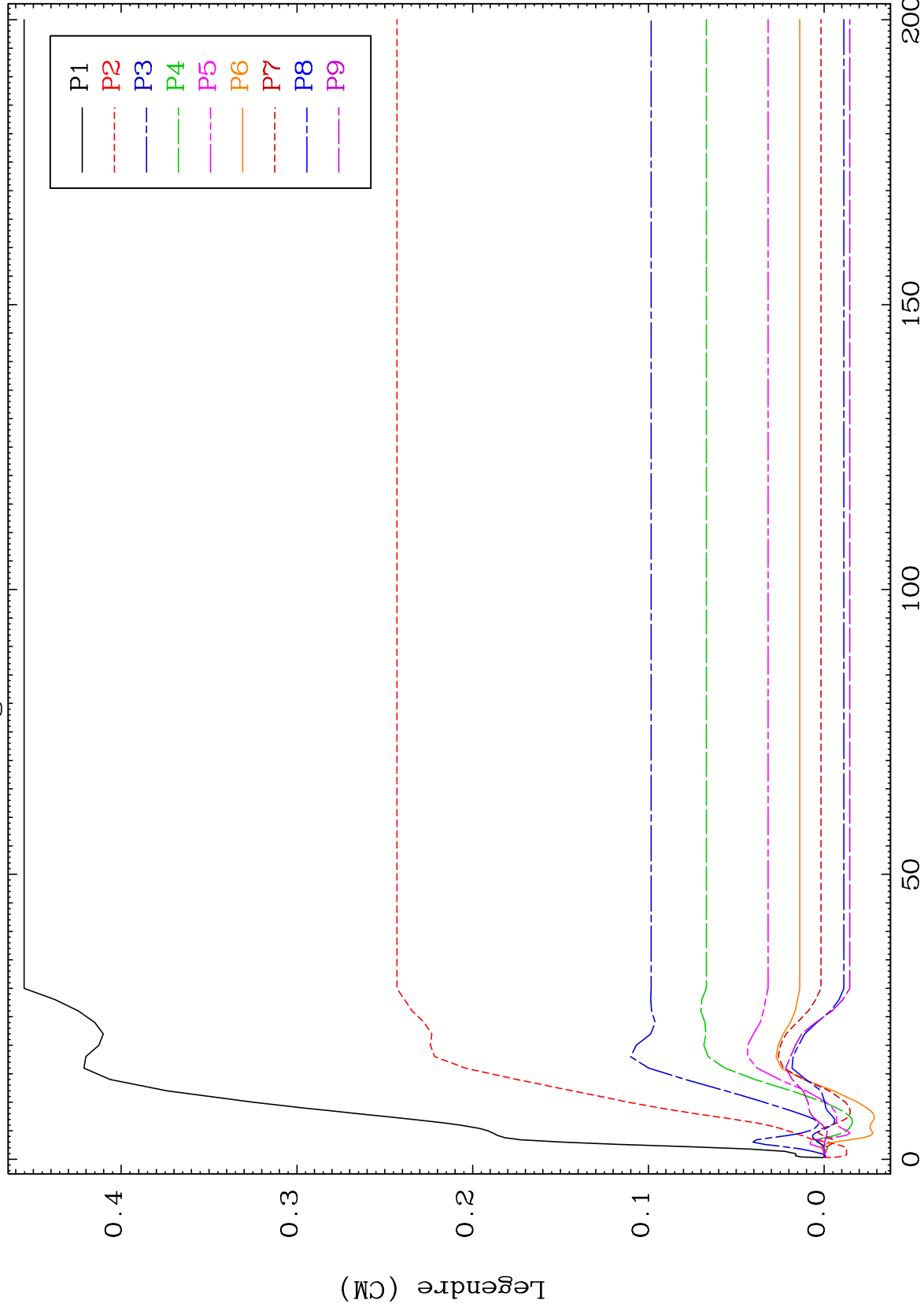
25



MAT 7240

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

72-Hf-179



27

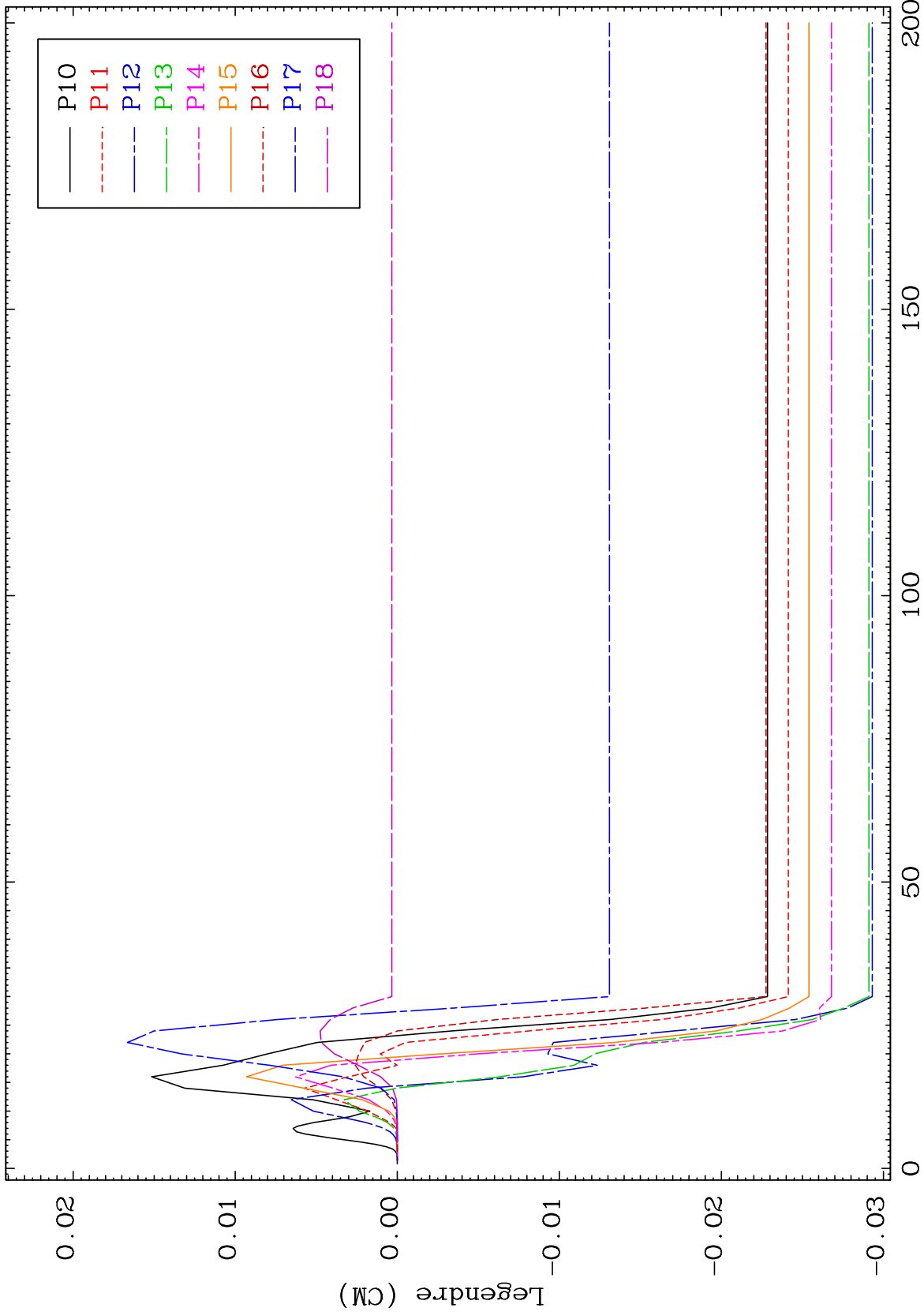
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

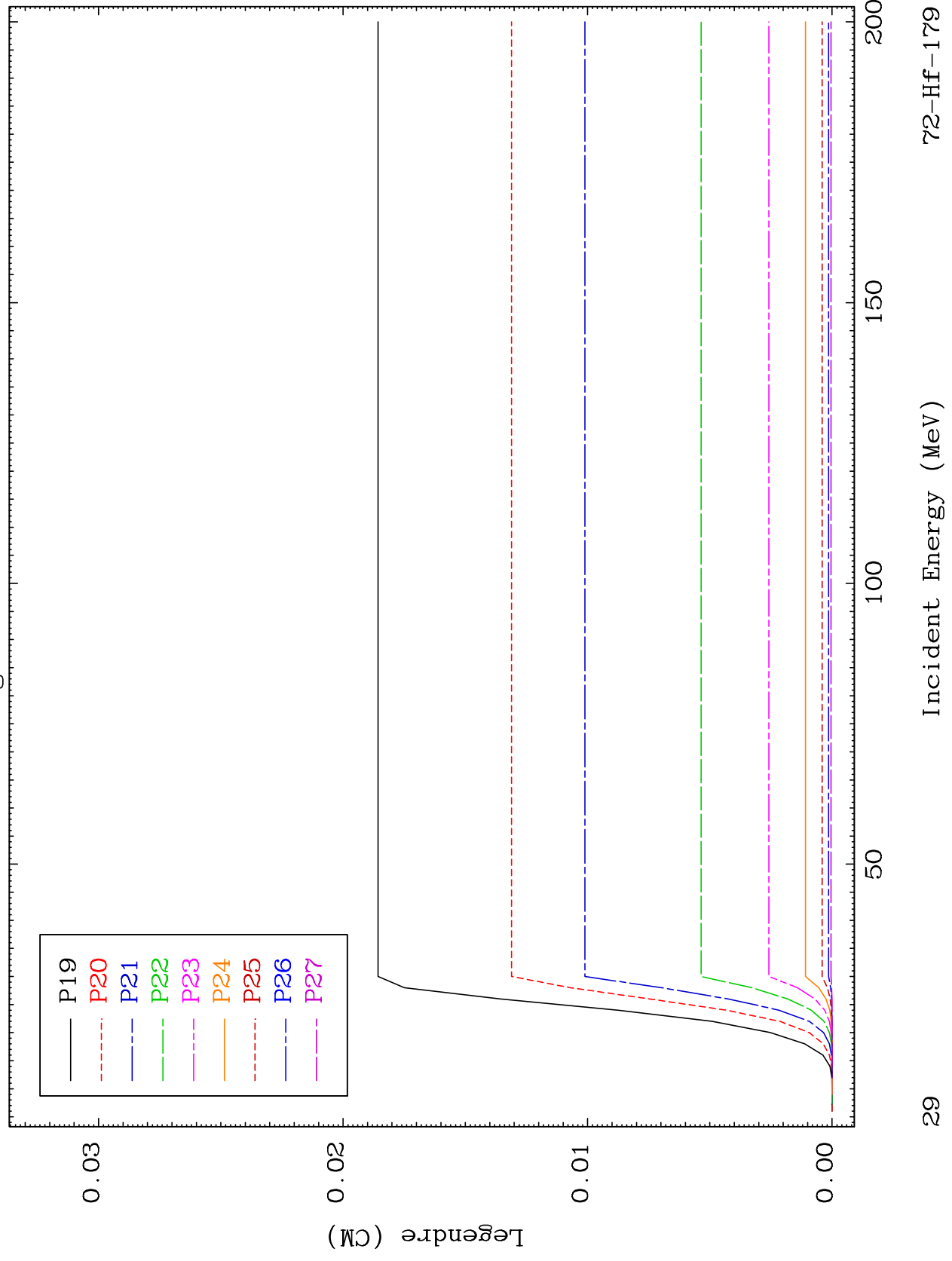
72-Hf-179



28

Incident Energy (MeV)

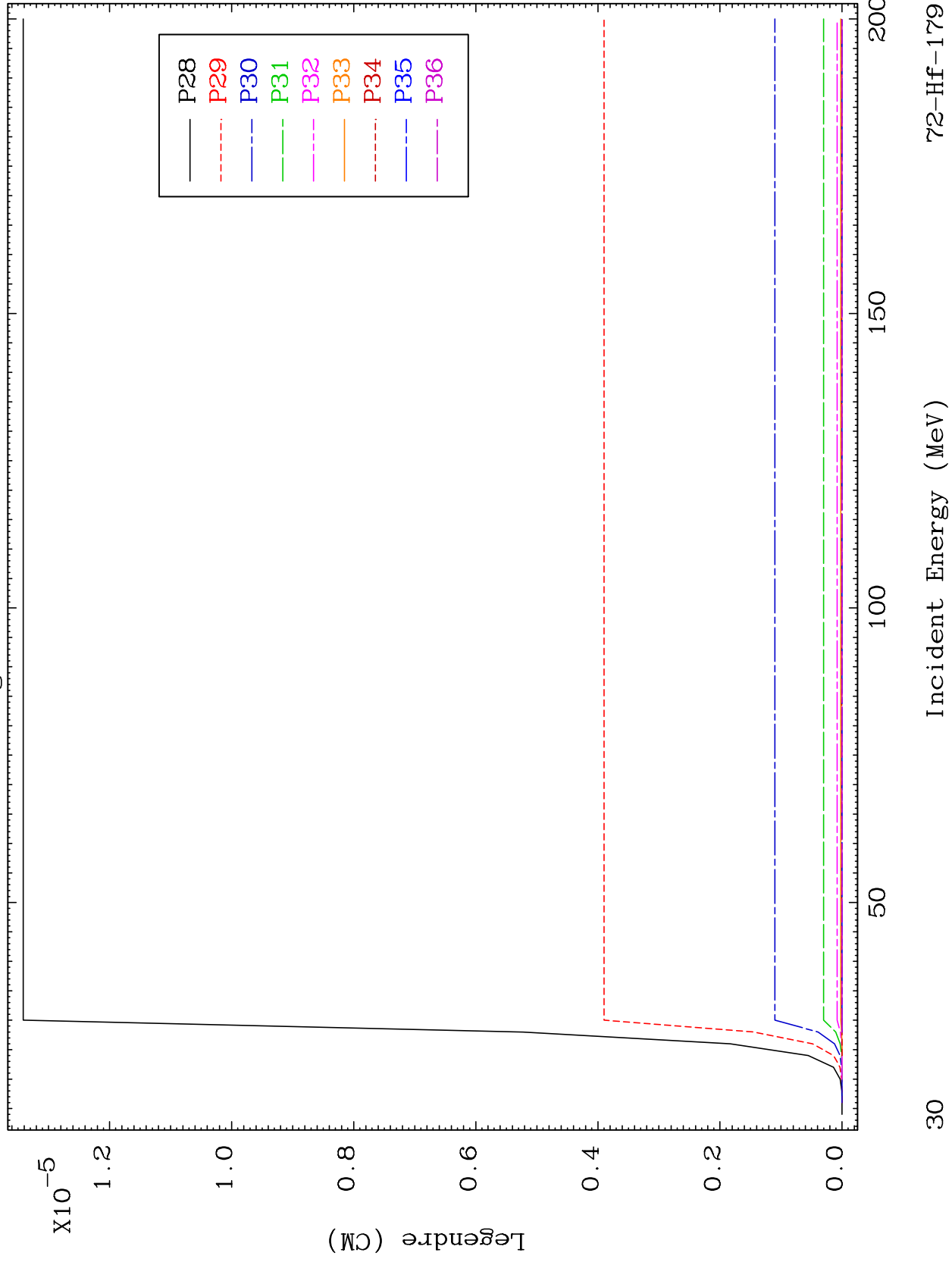
72-Hf-179



MAT 7240

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

72-Hf-179



72-Hf-179

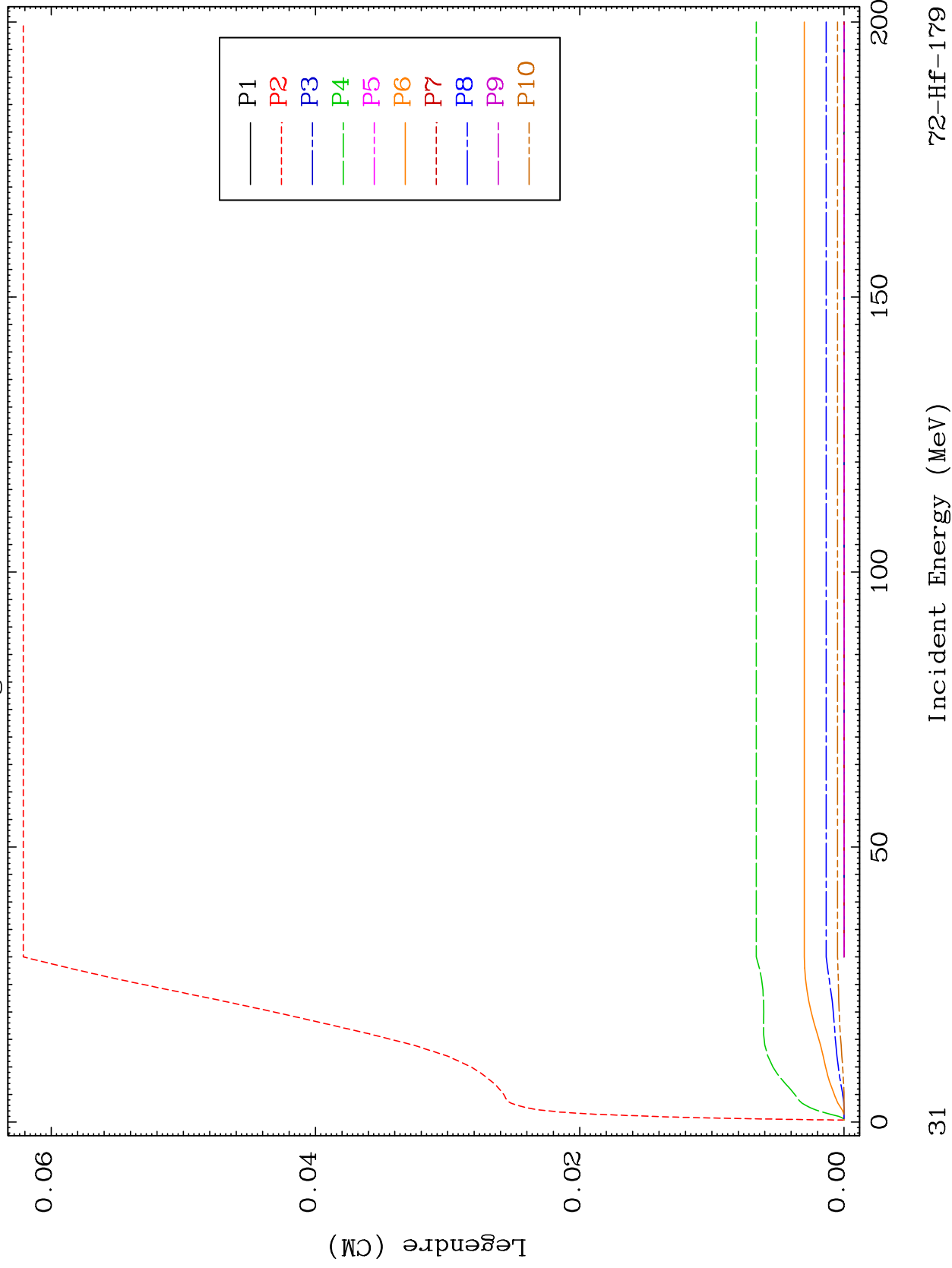
Incident Energy (MeV)

30

MAT 7240

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

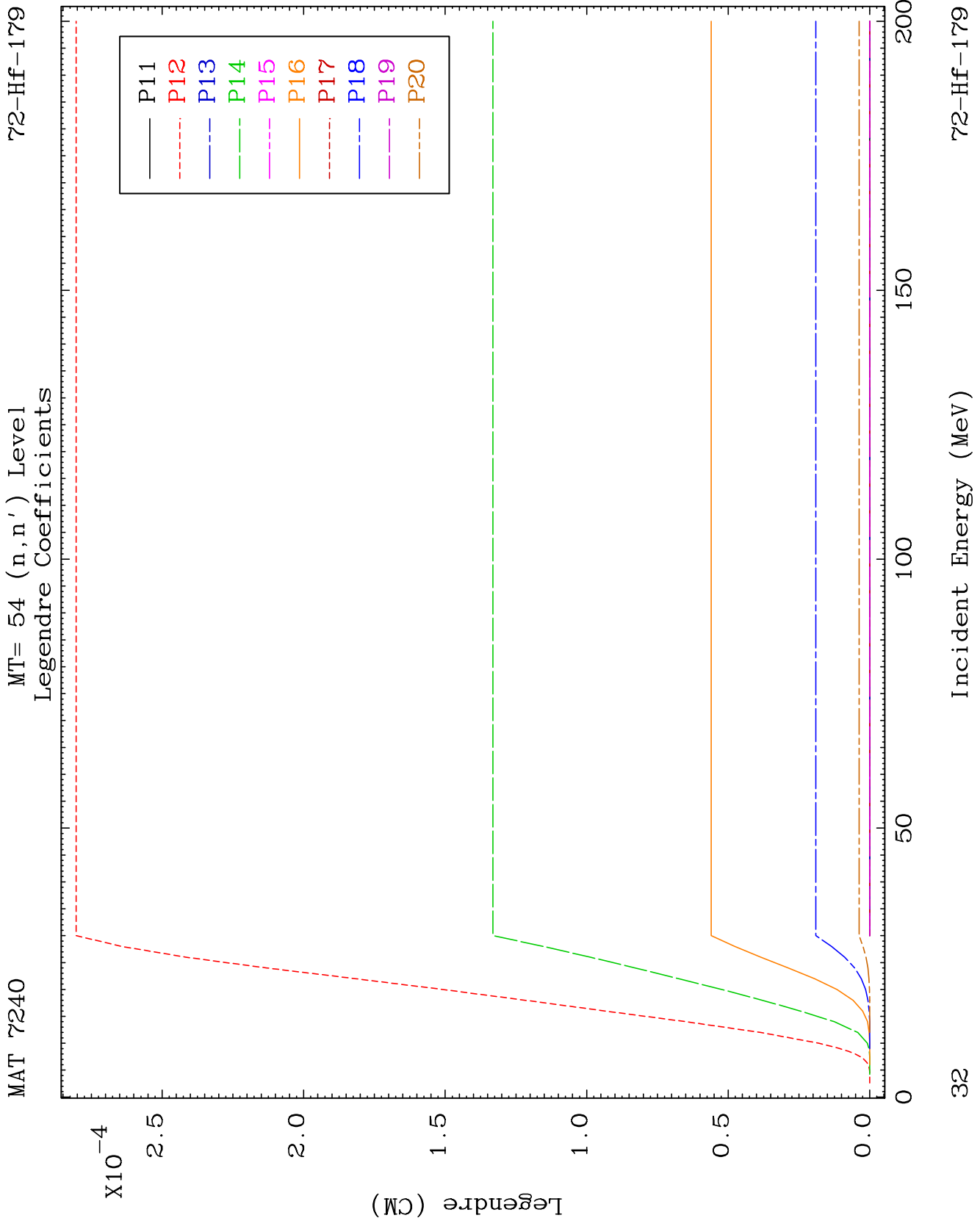
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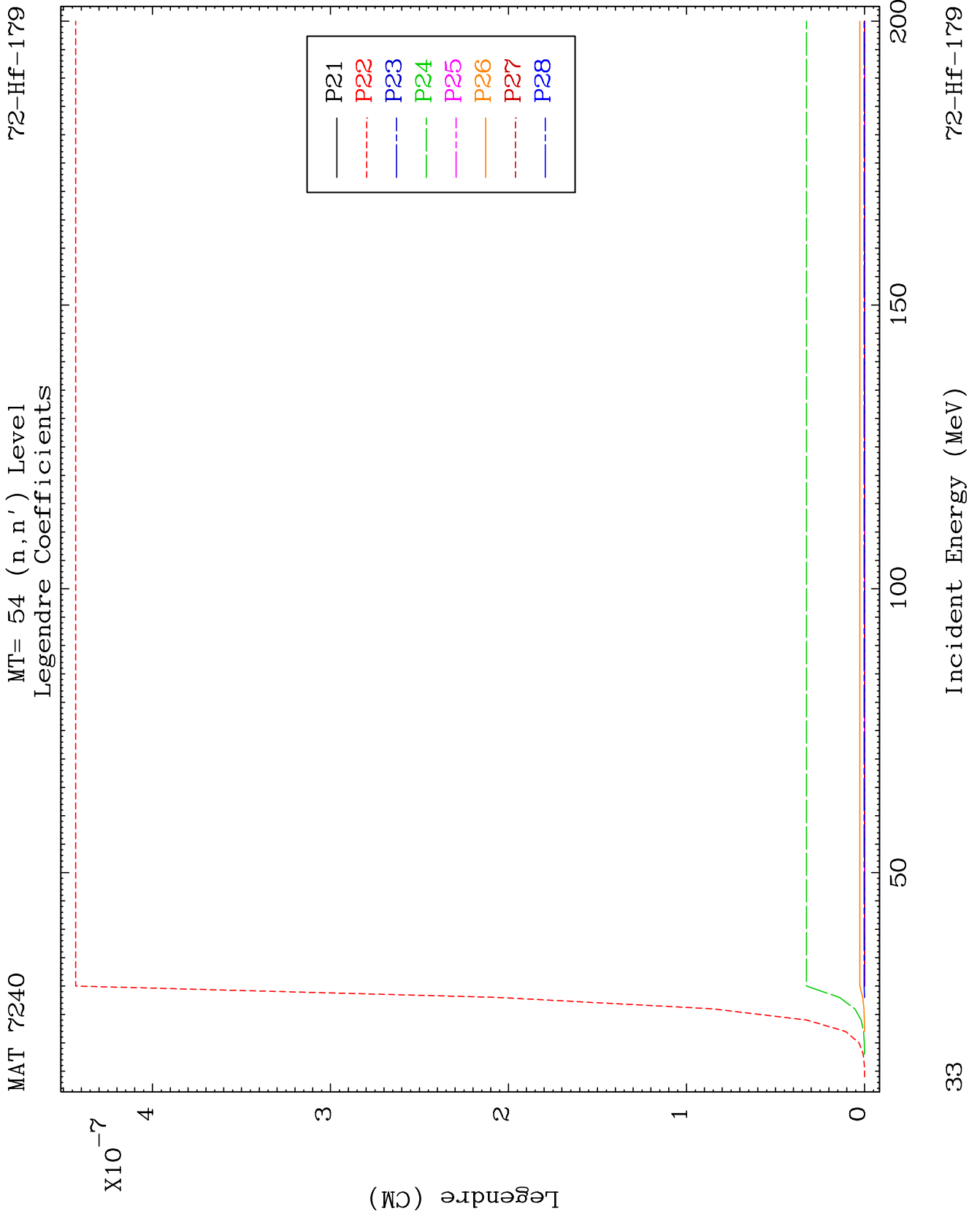


31

Incident Energy (MeV)

72-Hf-179

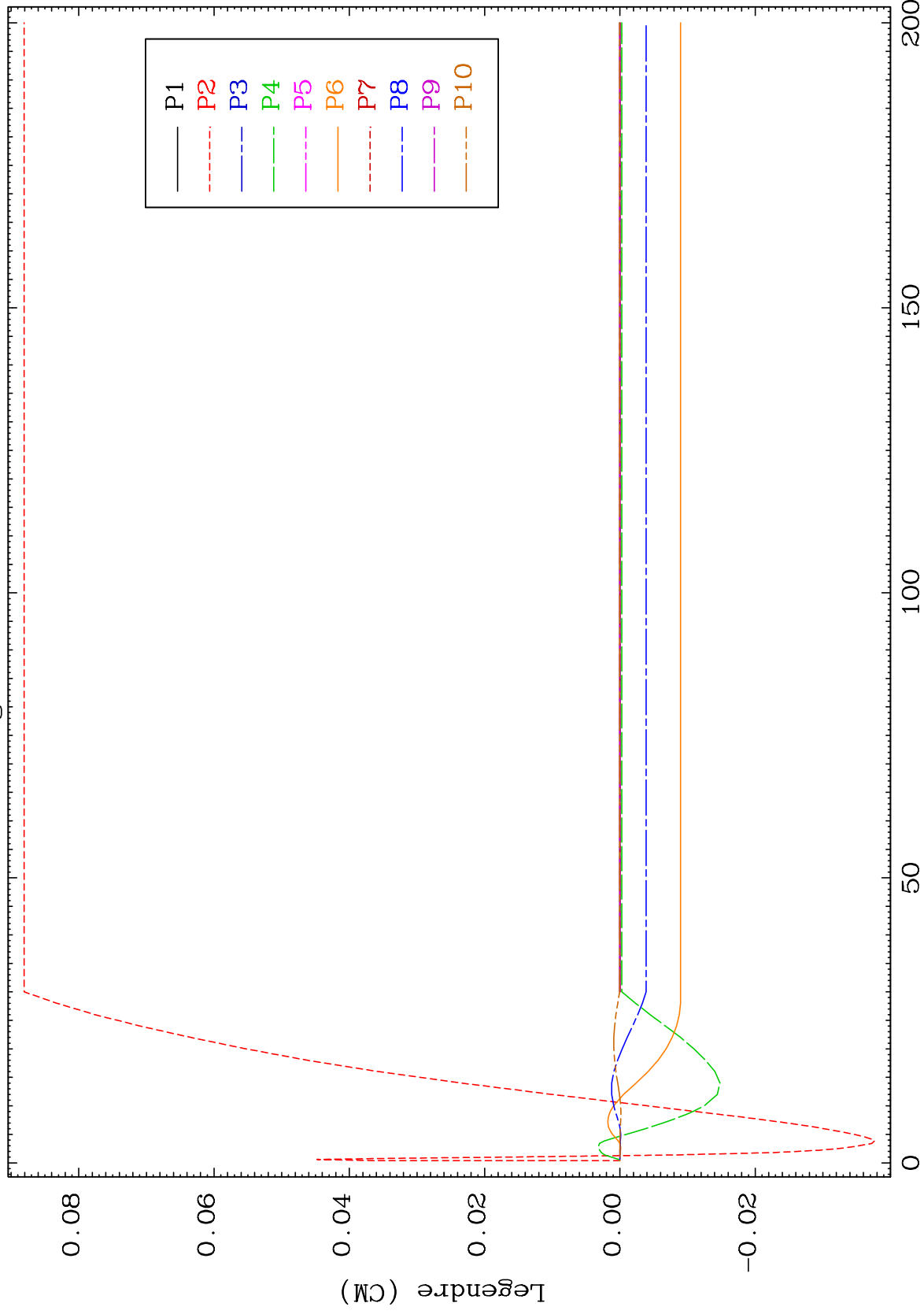




MAT 7240

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

72-Hf-179

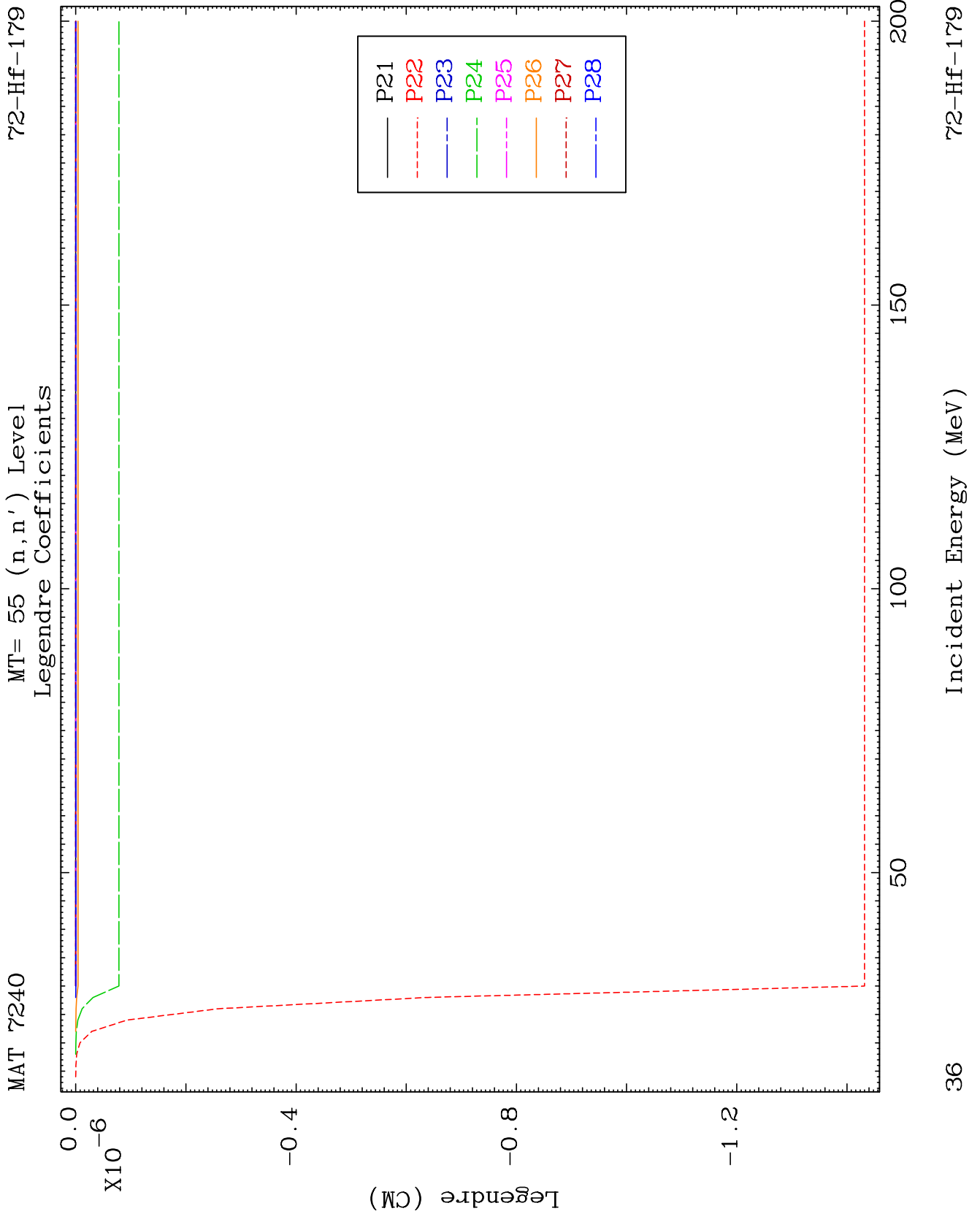


34

Incident Energy (MeV)

72-Hf-179

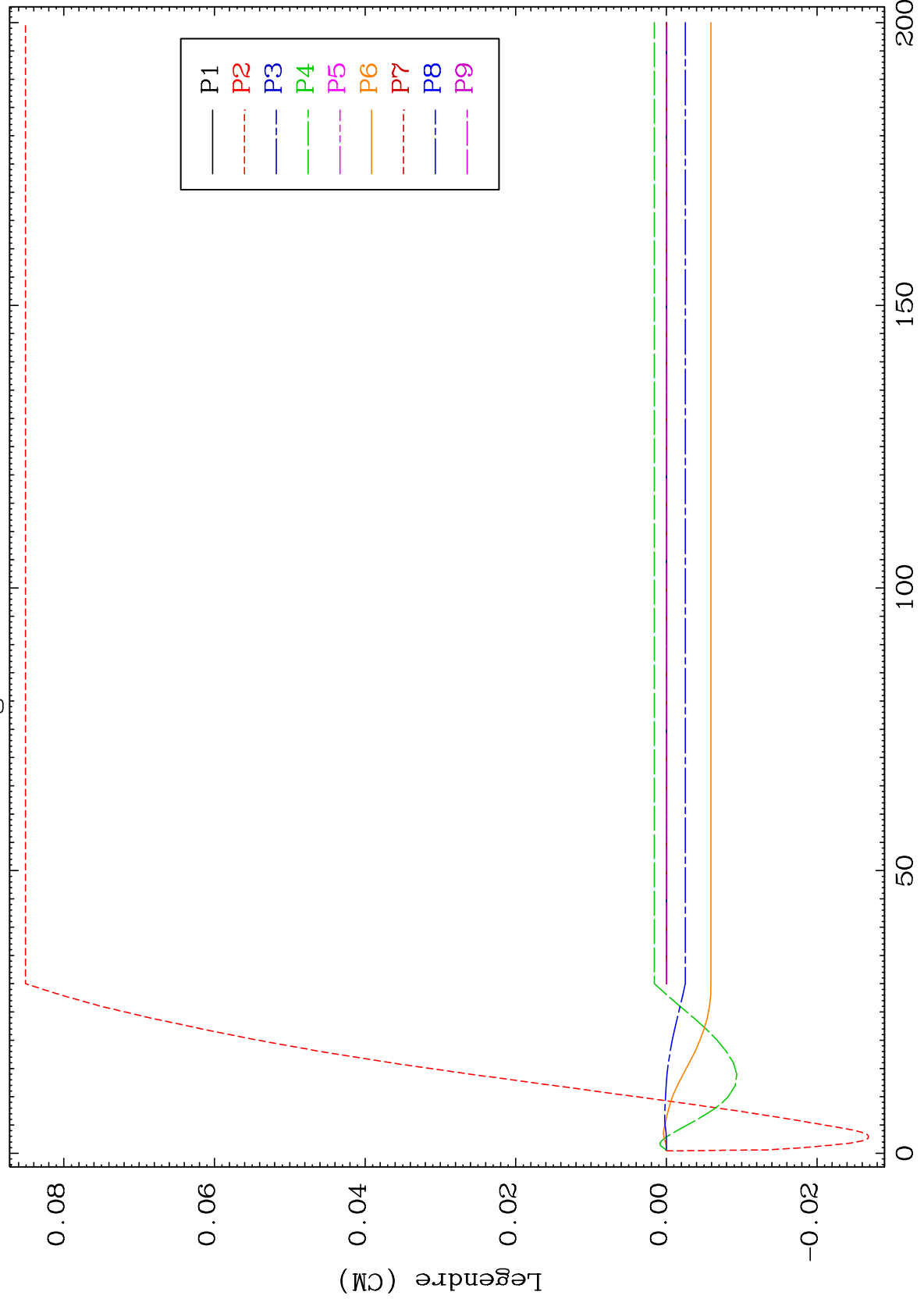




MAT 7240

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

72-Hf-179



72-Hf-179

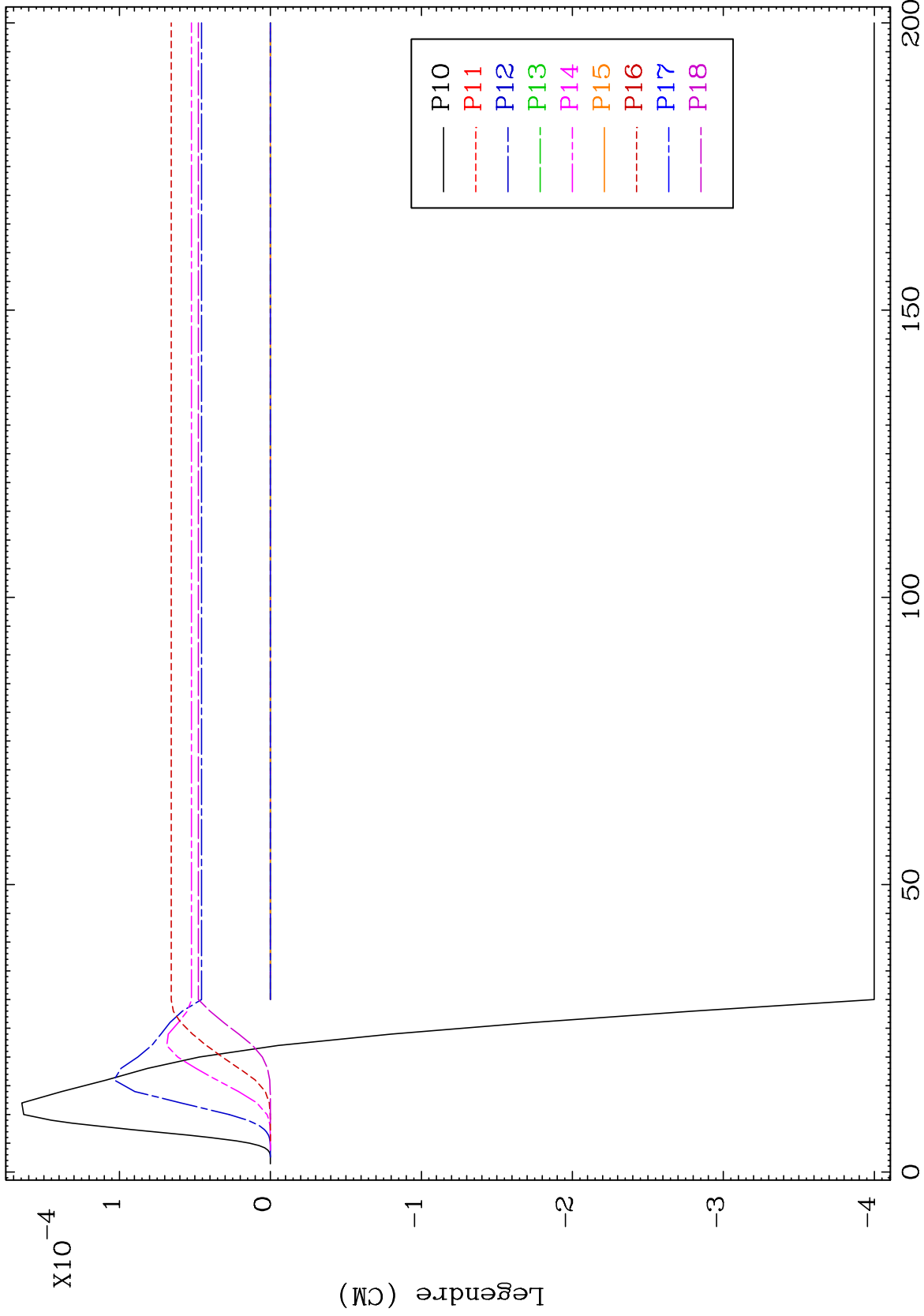
Incident Energy (MeV)

37

MAT 7240

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

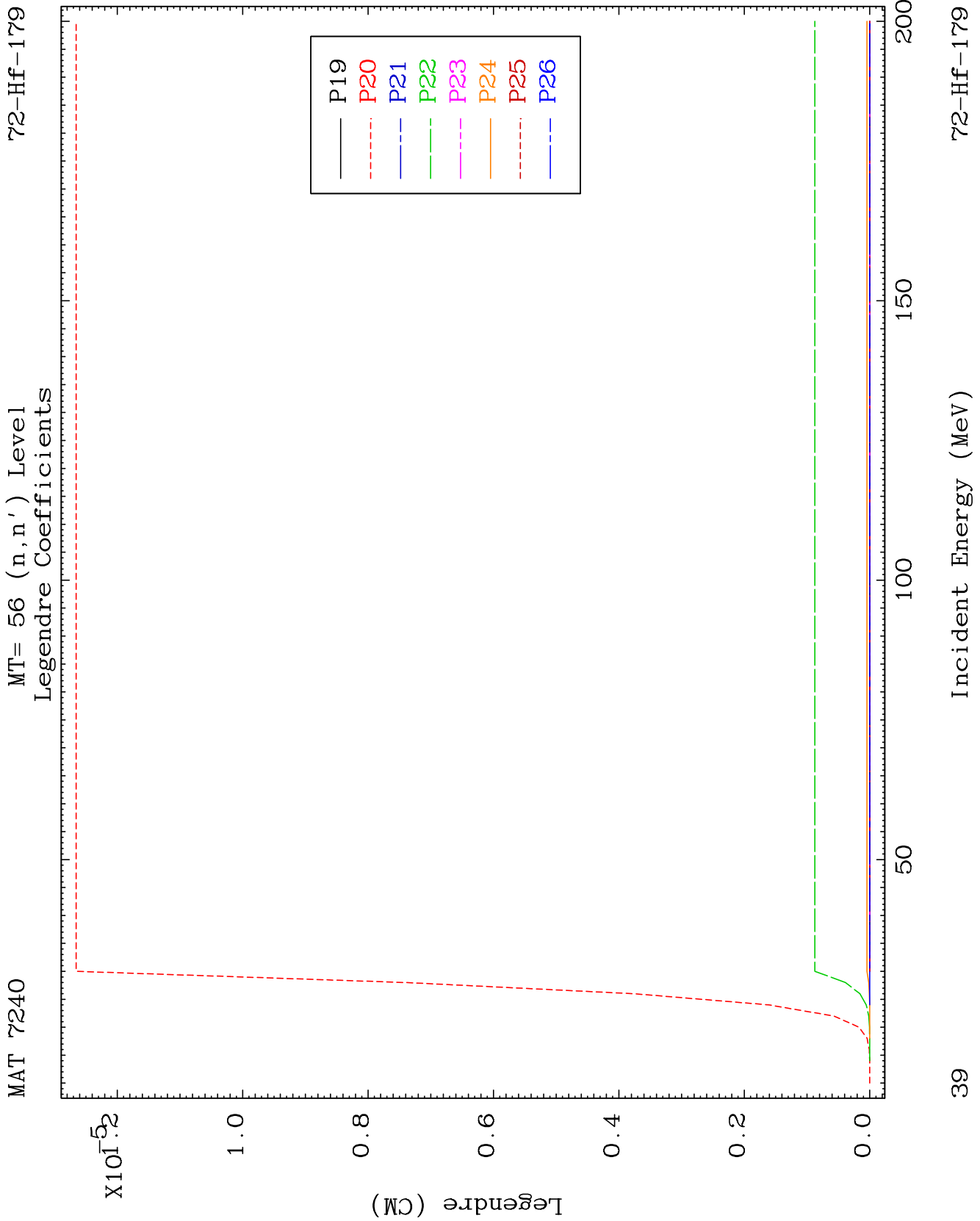
72-Hf-179



38

Incident Energy (MeV)

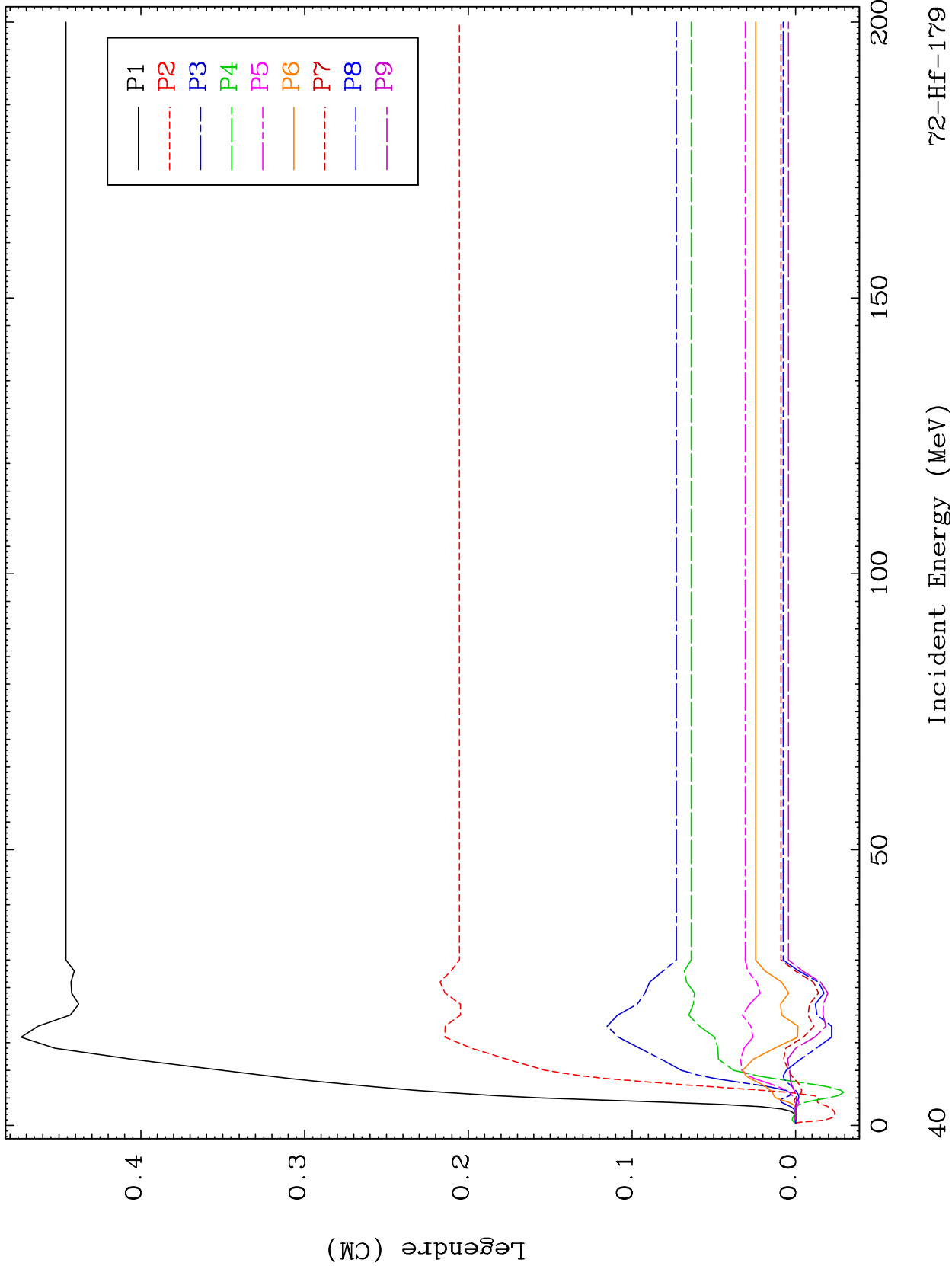
72-Hf-179



MAT 7240

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

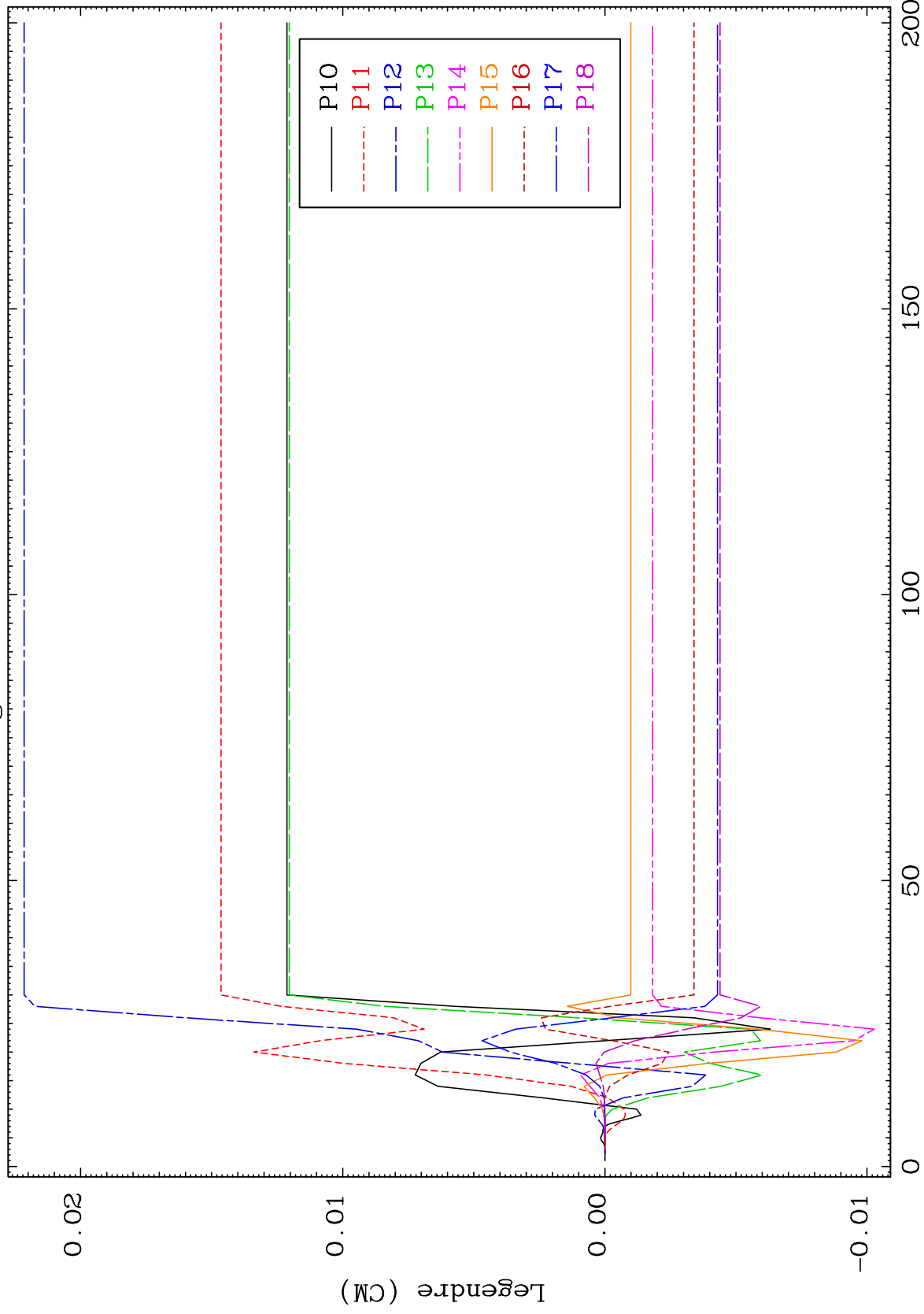
72-Hf-179



MAT 7240

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

72-Hf-179



41

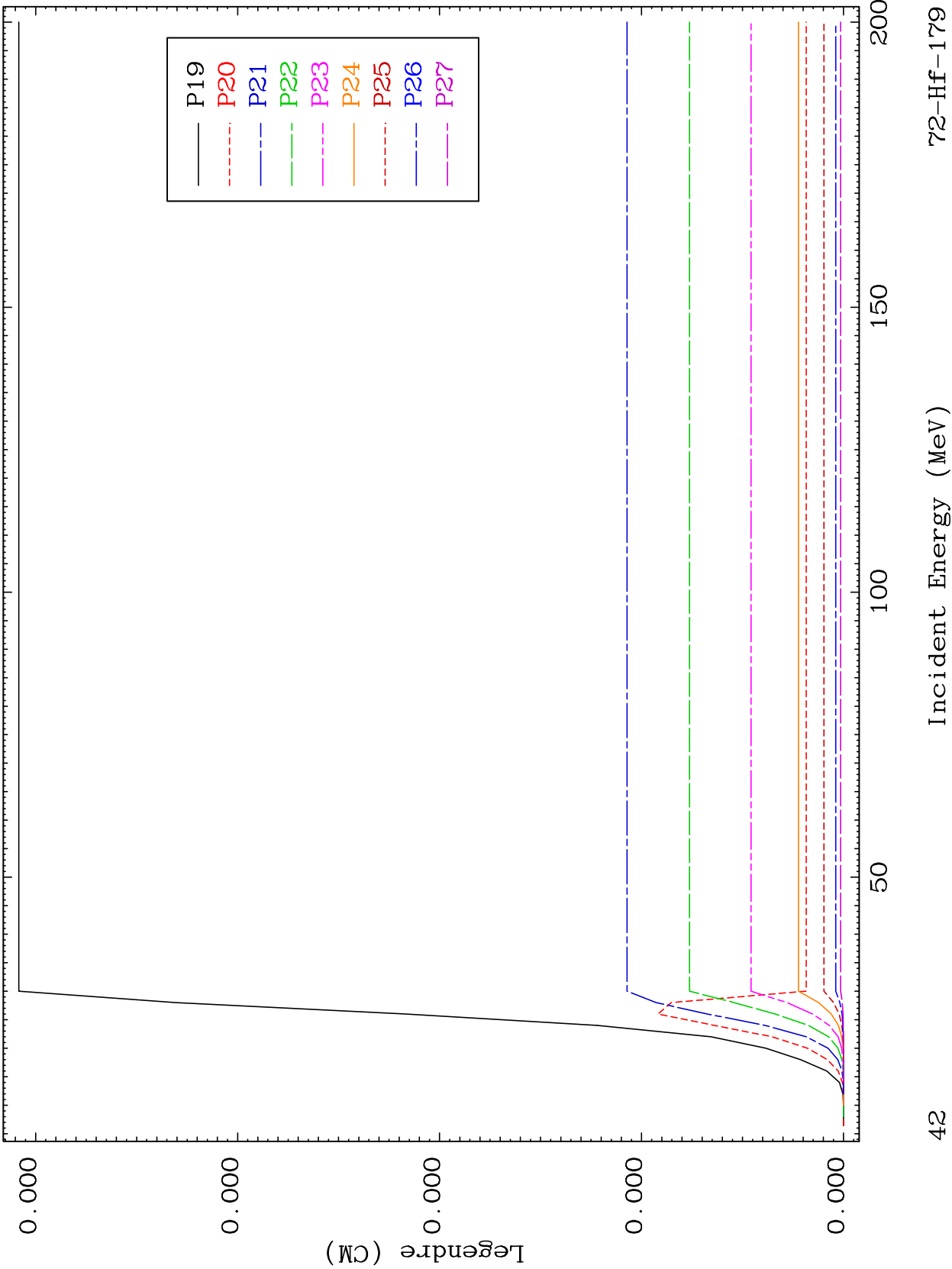
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



42

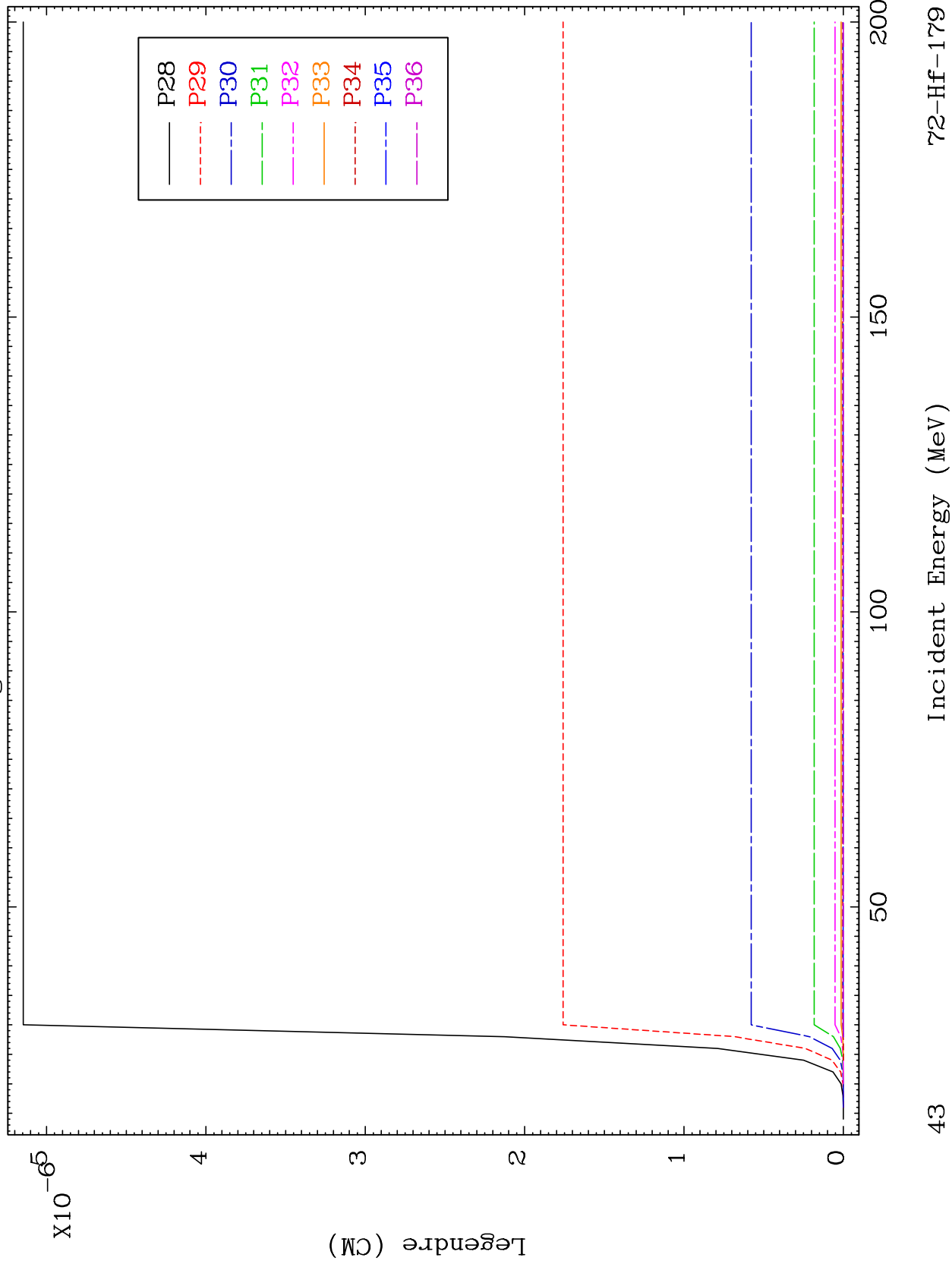
Incident Energy (MeV)

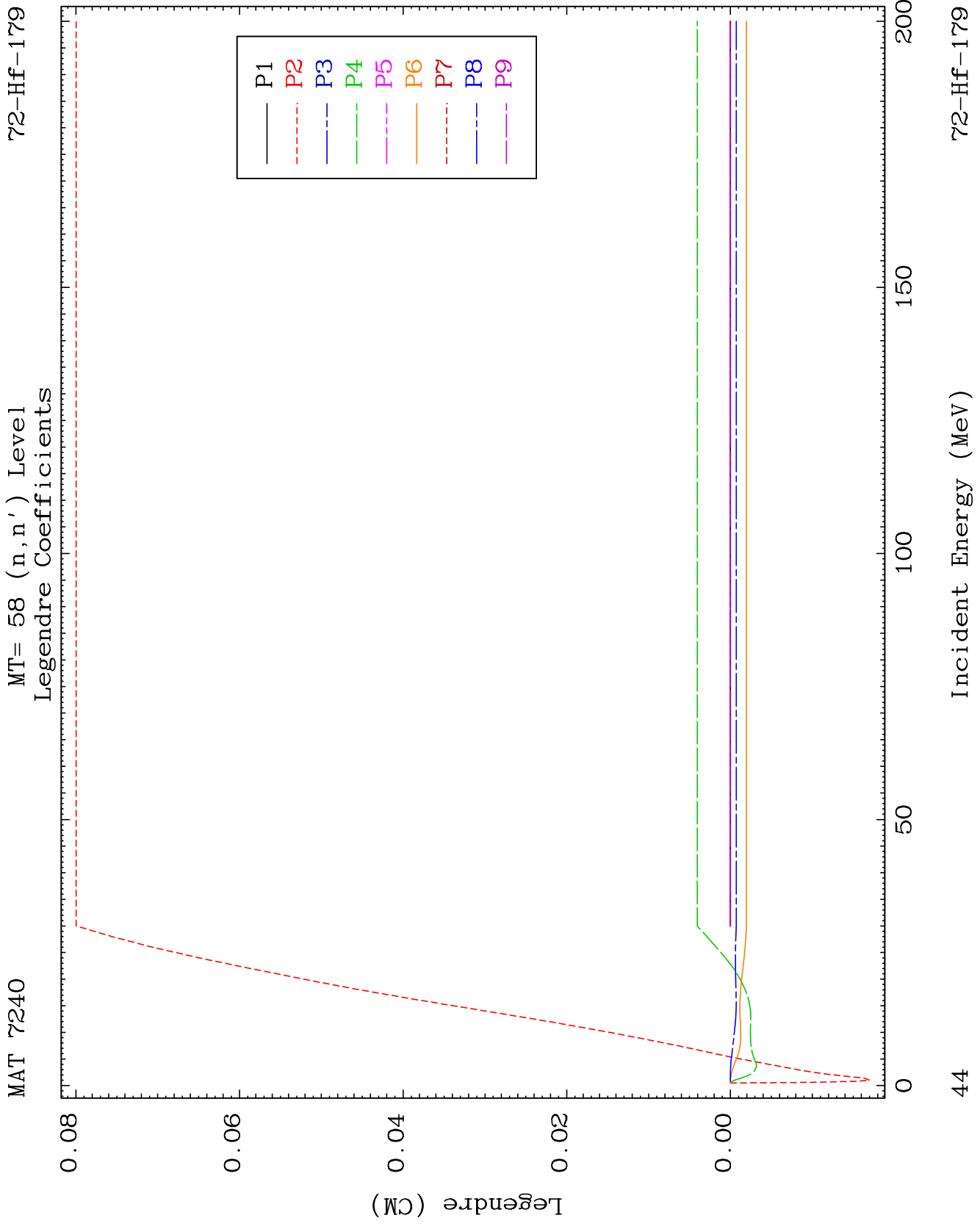
72-Hf-179

MAT 7240

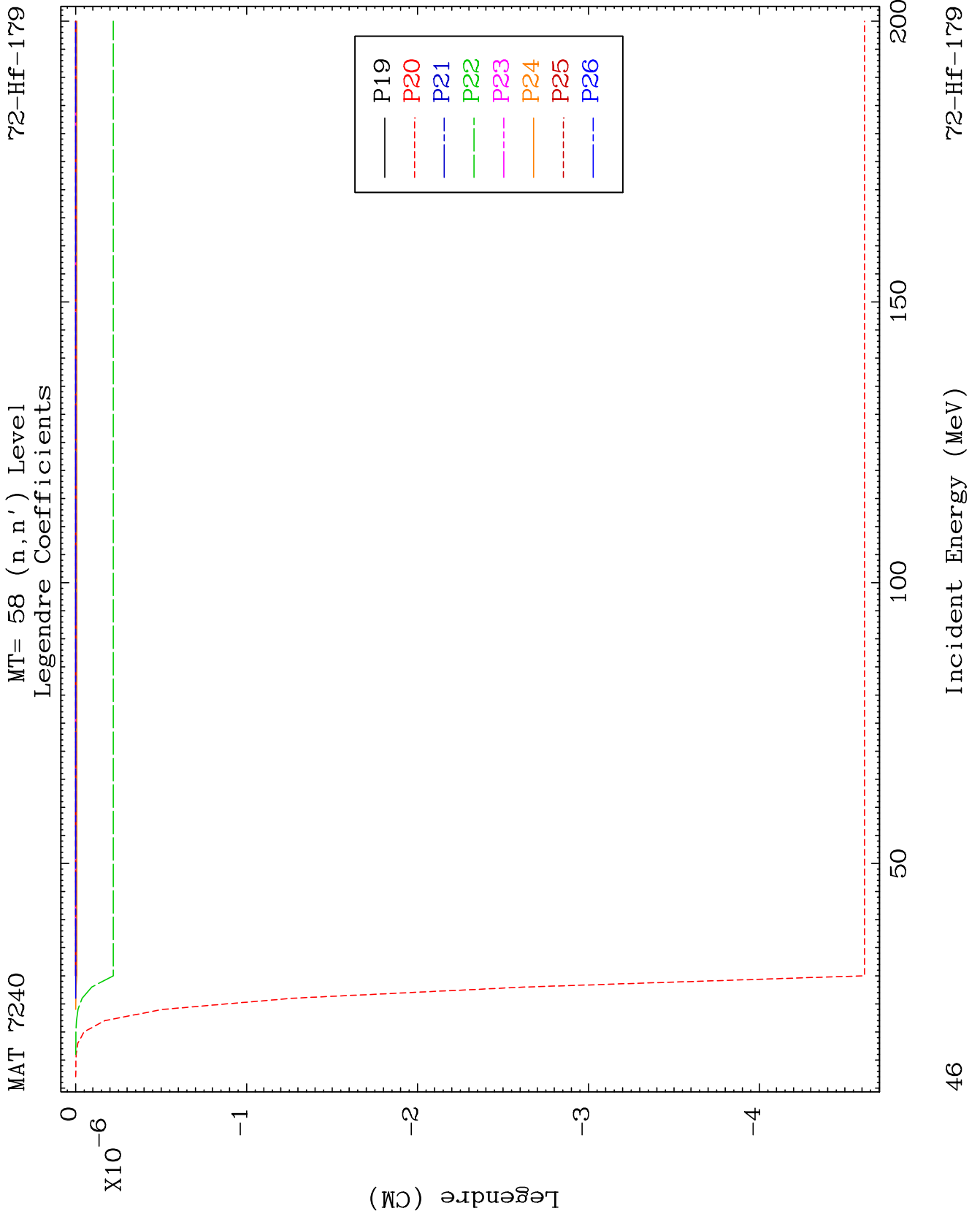
MT= 57 (n,n') Level  
Legendre Coefficients

72-Hf-179





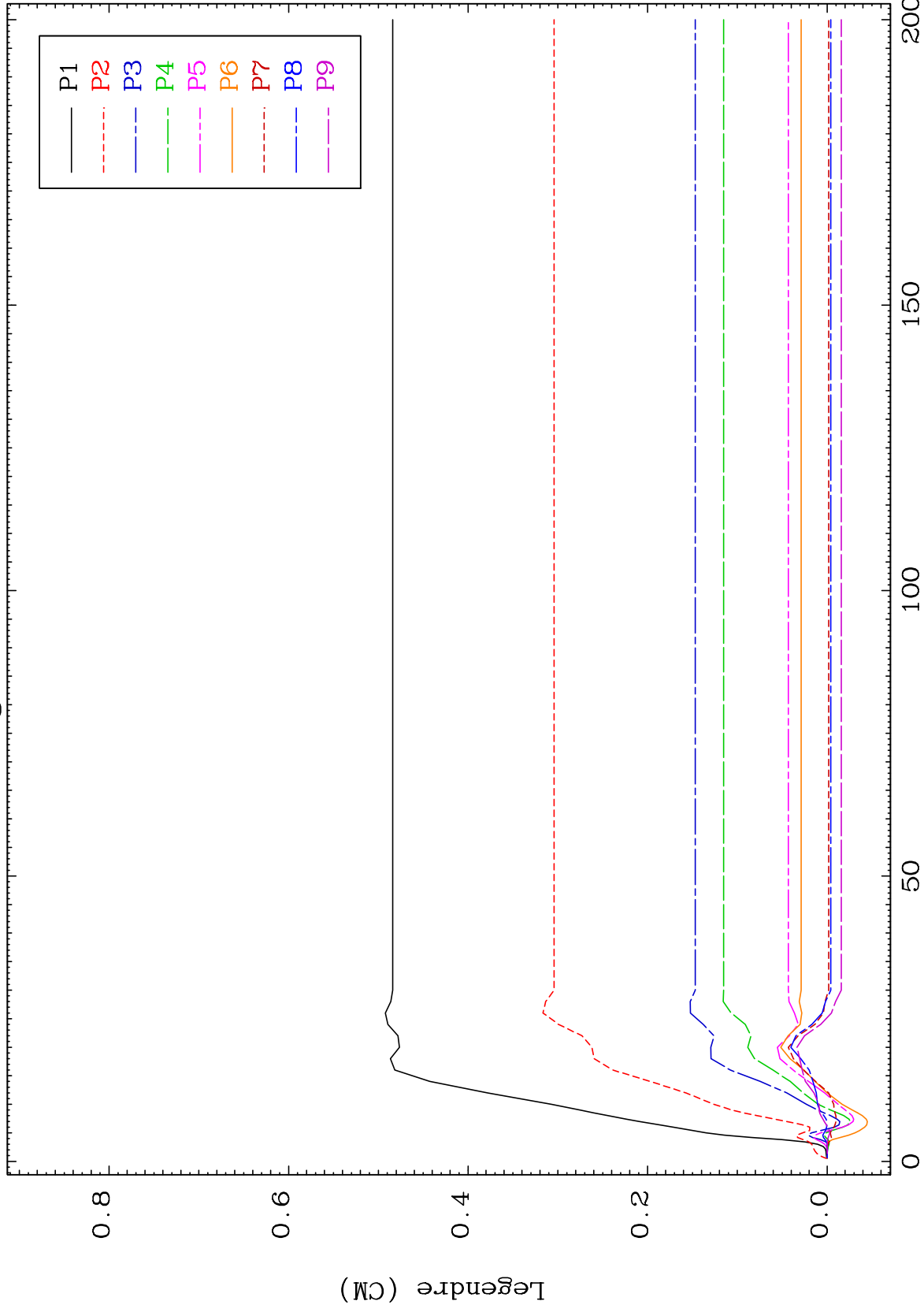




MAT 7240

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Legendre Coefficients

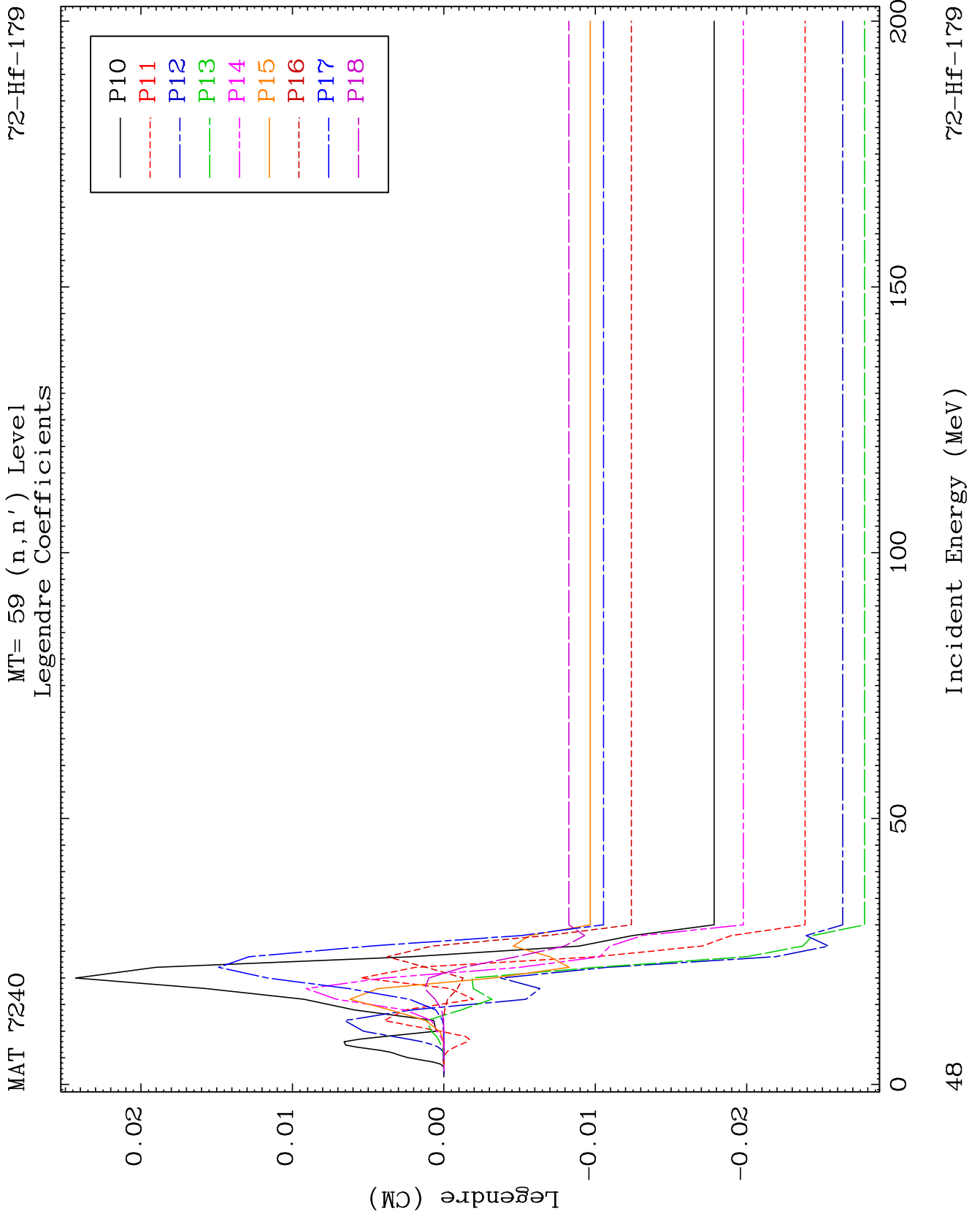
72-Hf-179



47

Incident Energy (MeV)

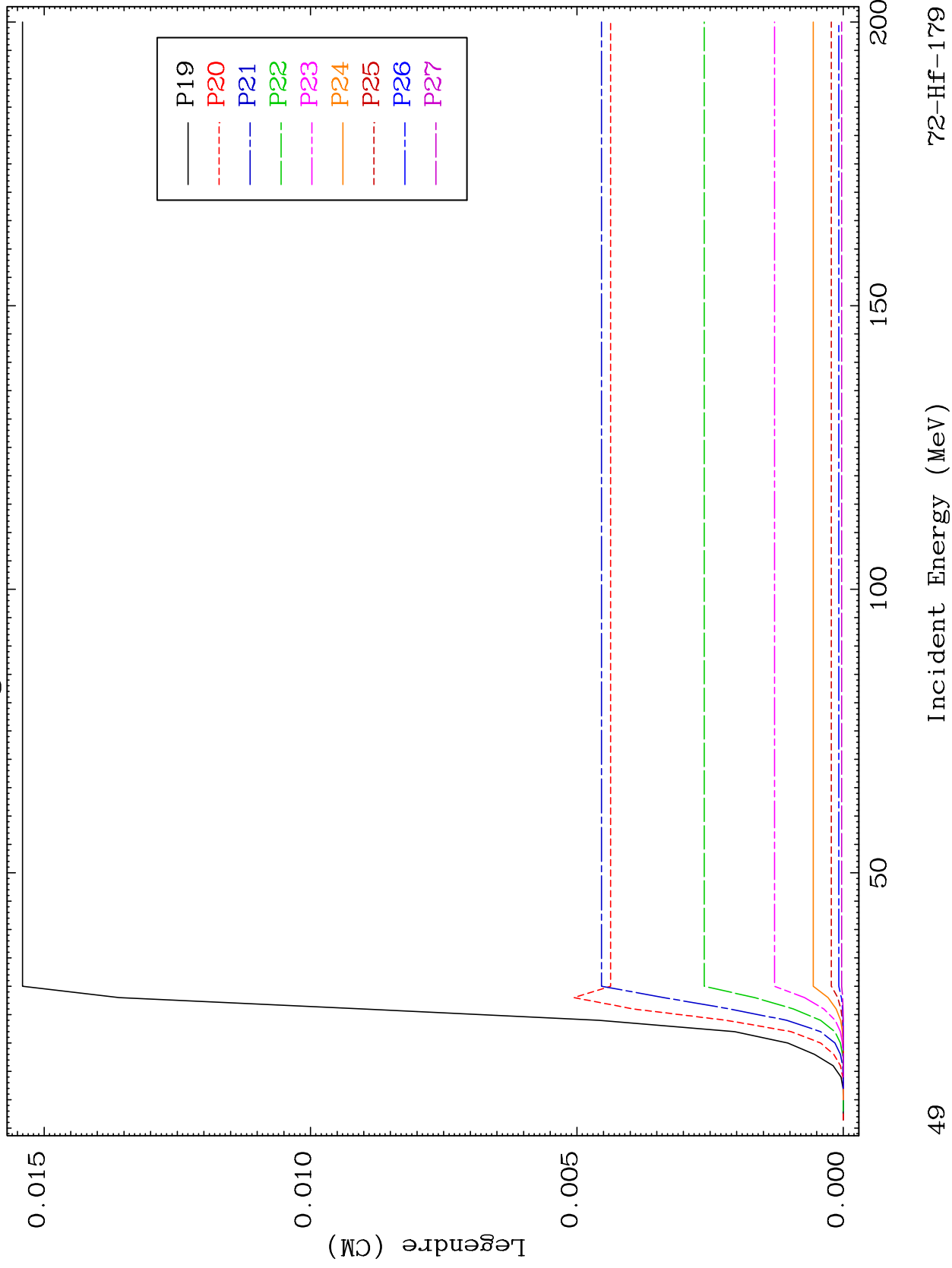
72-Hf-179



MAT 7240

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

72-Hf-179



49

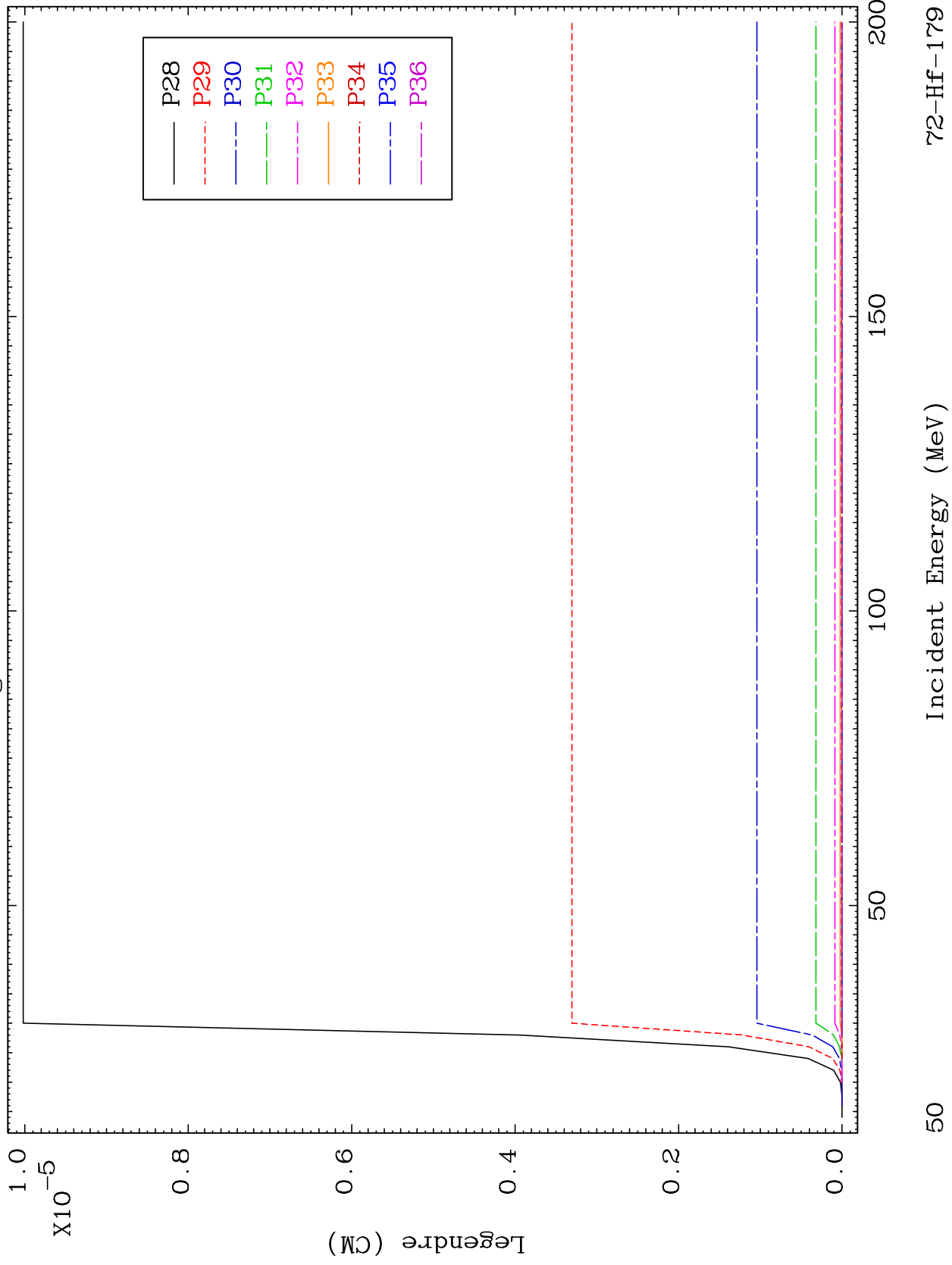
Incident Energy (MeV)

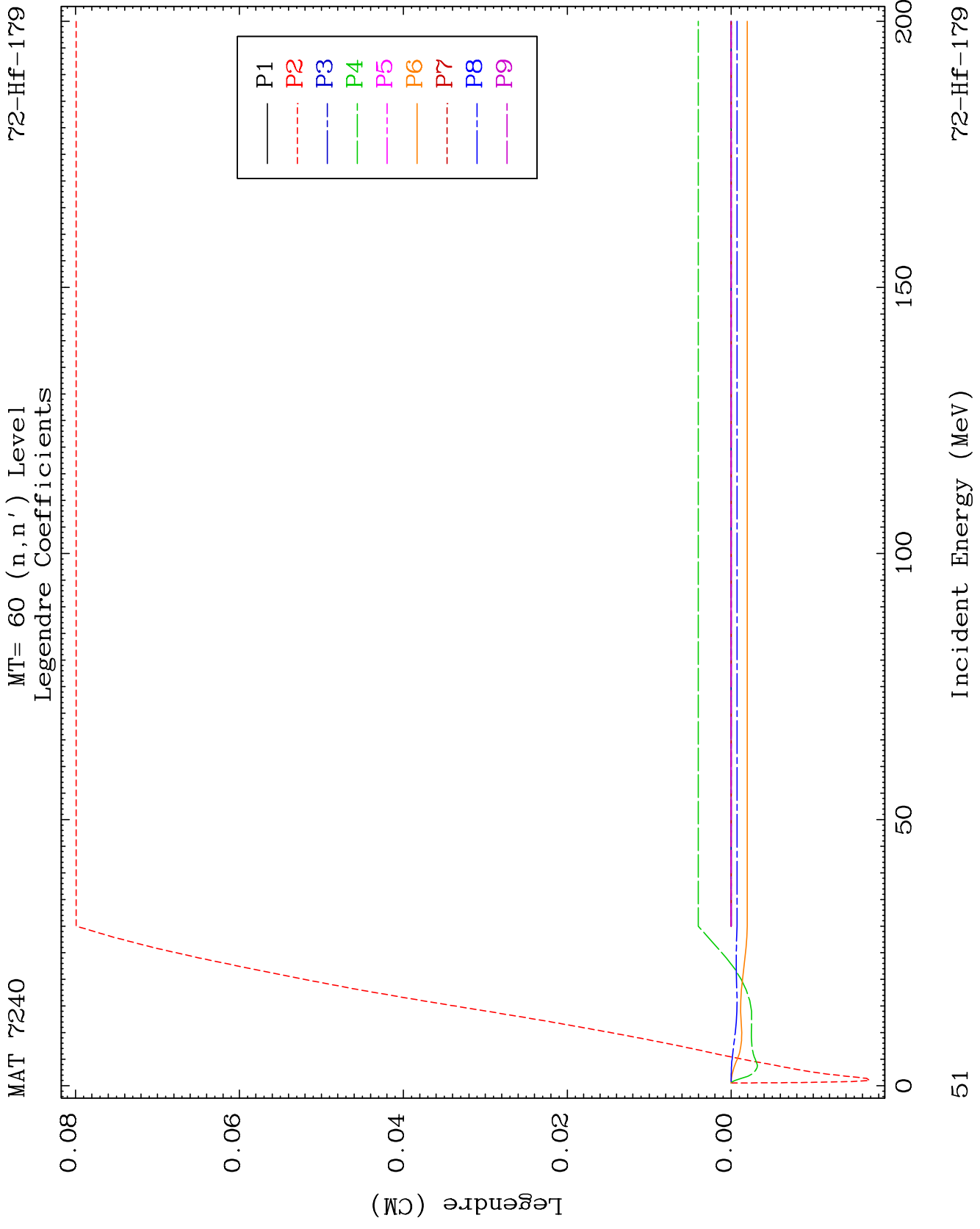
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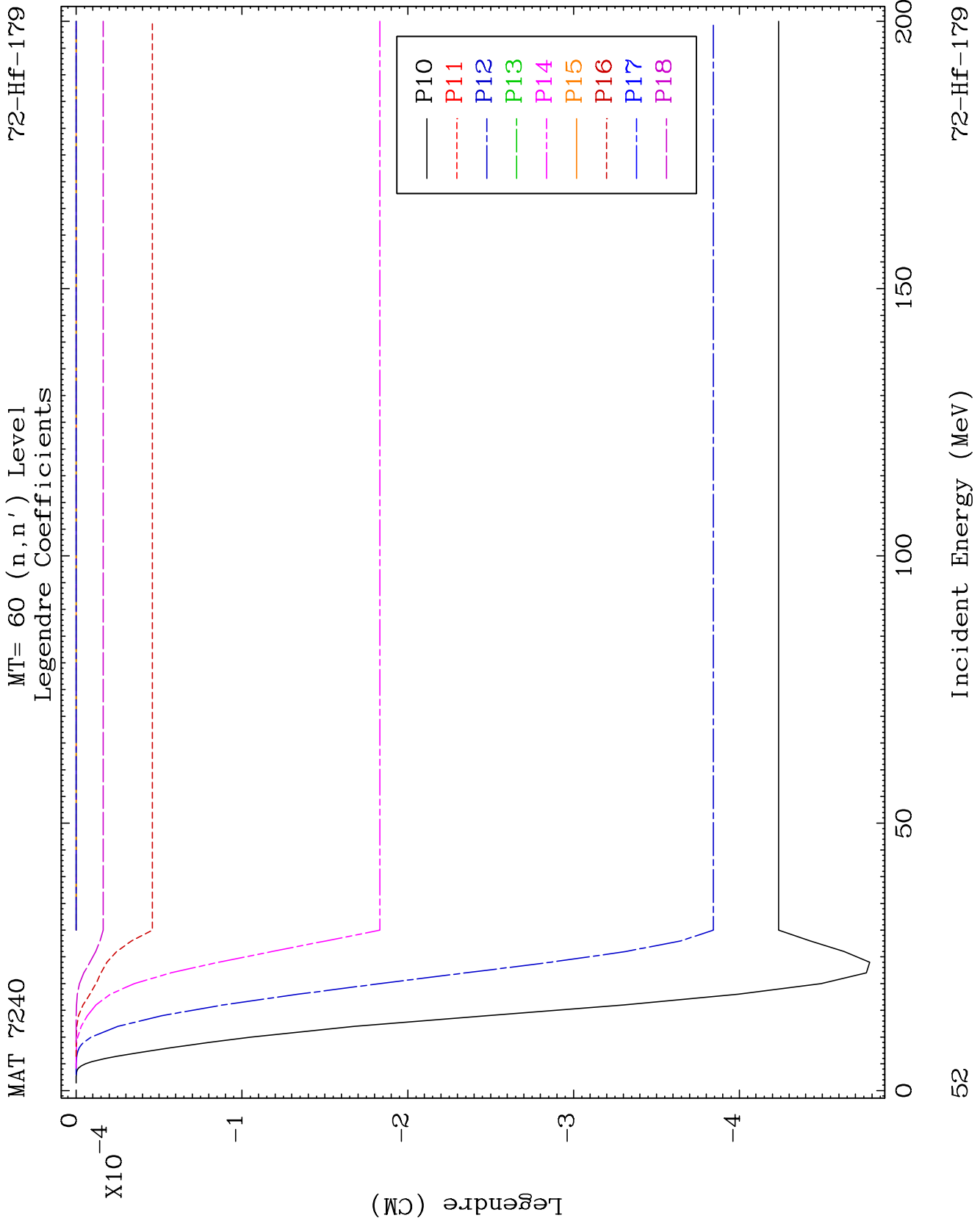
MAT 7240

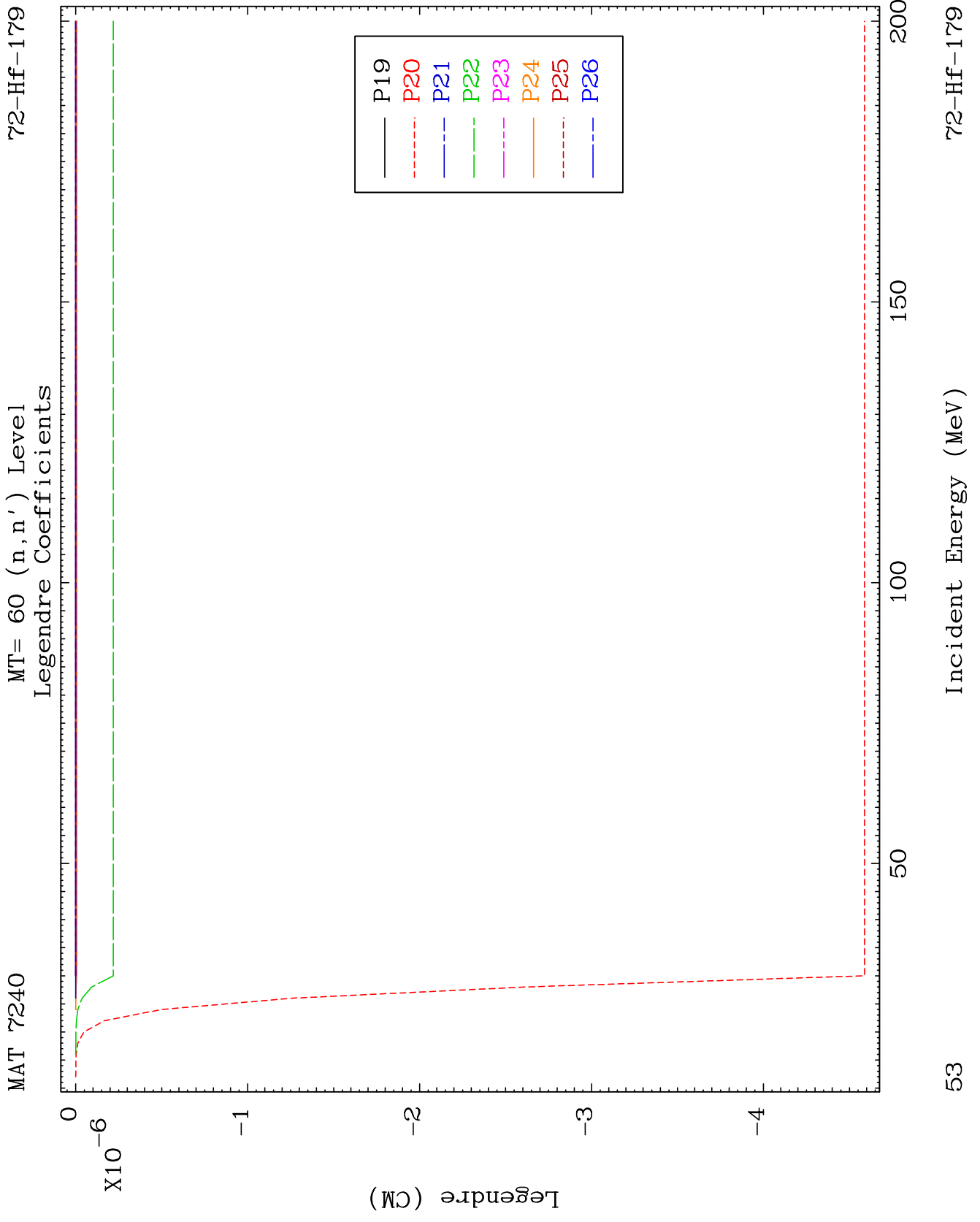
MT= 59 (n,n') Level  
Legendre Coefficients

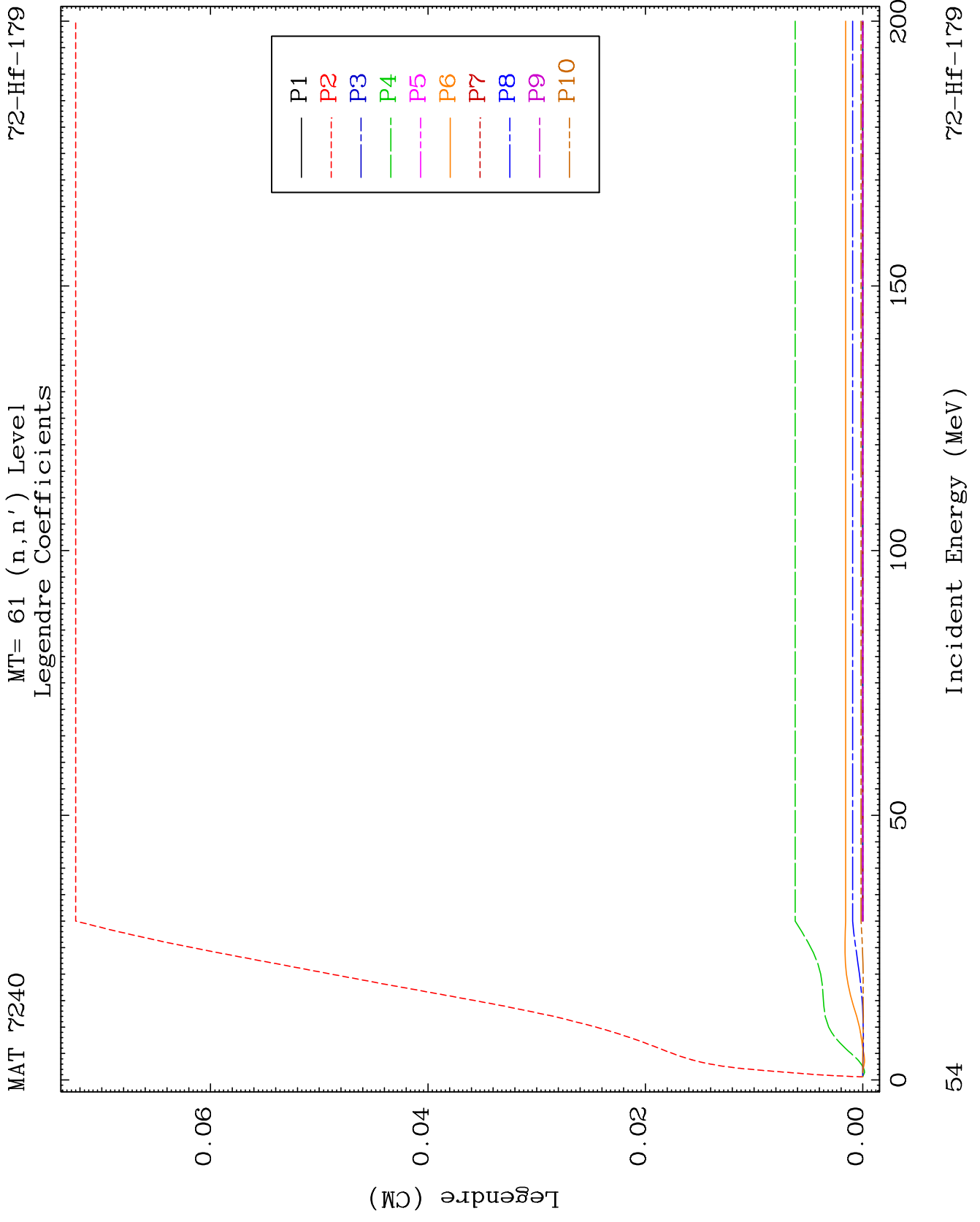
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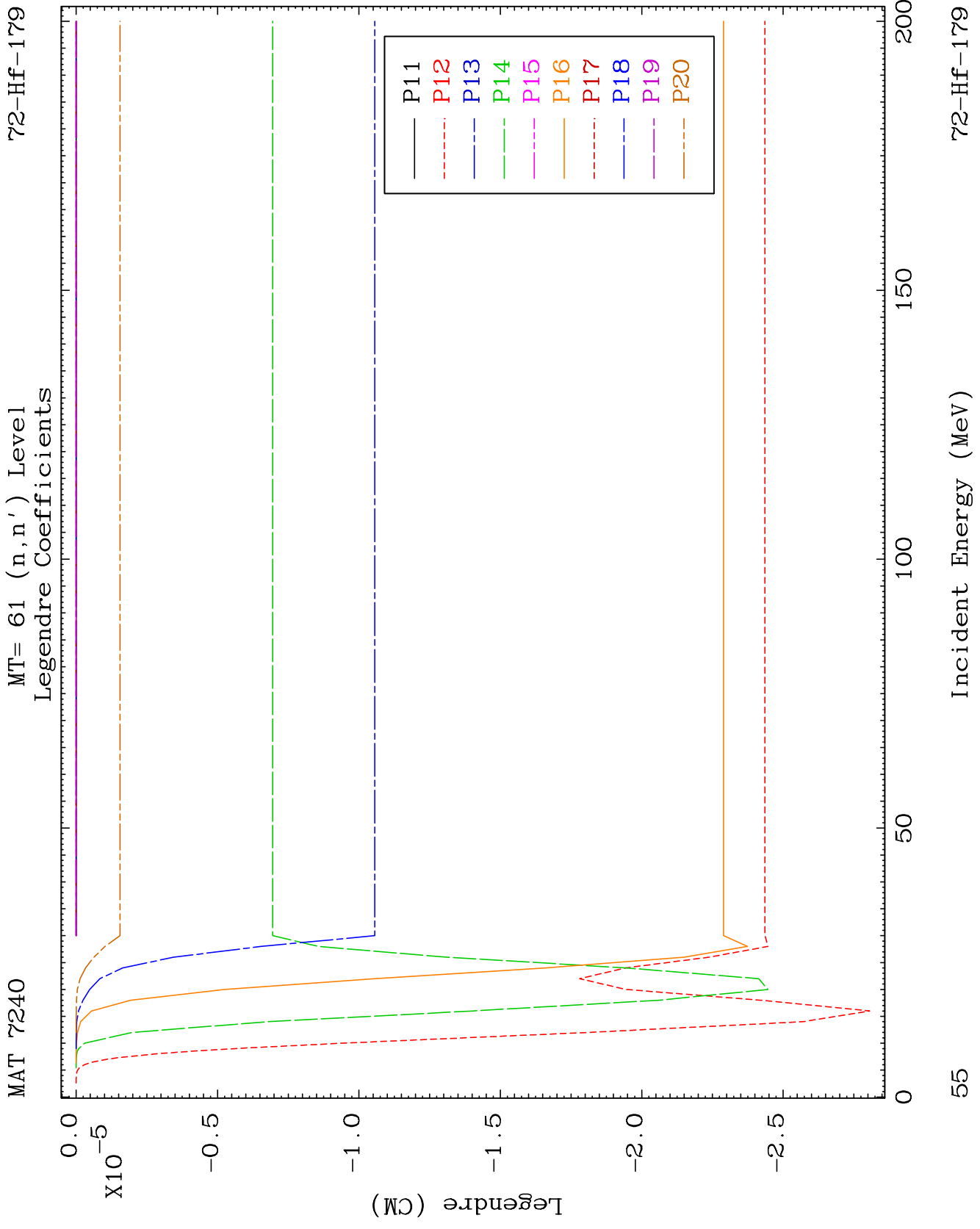


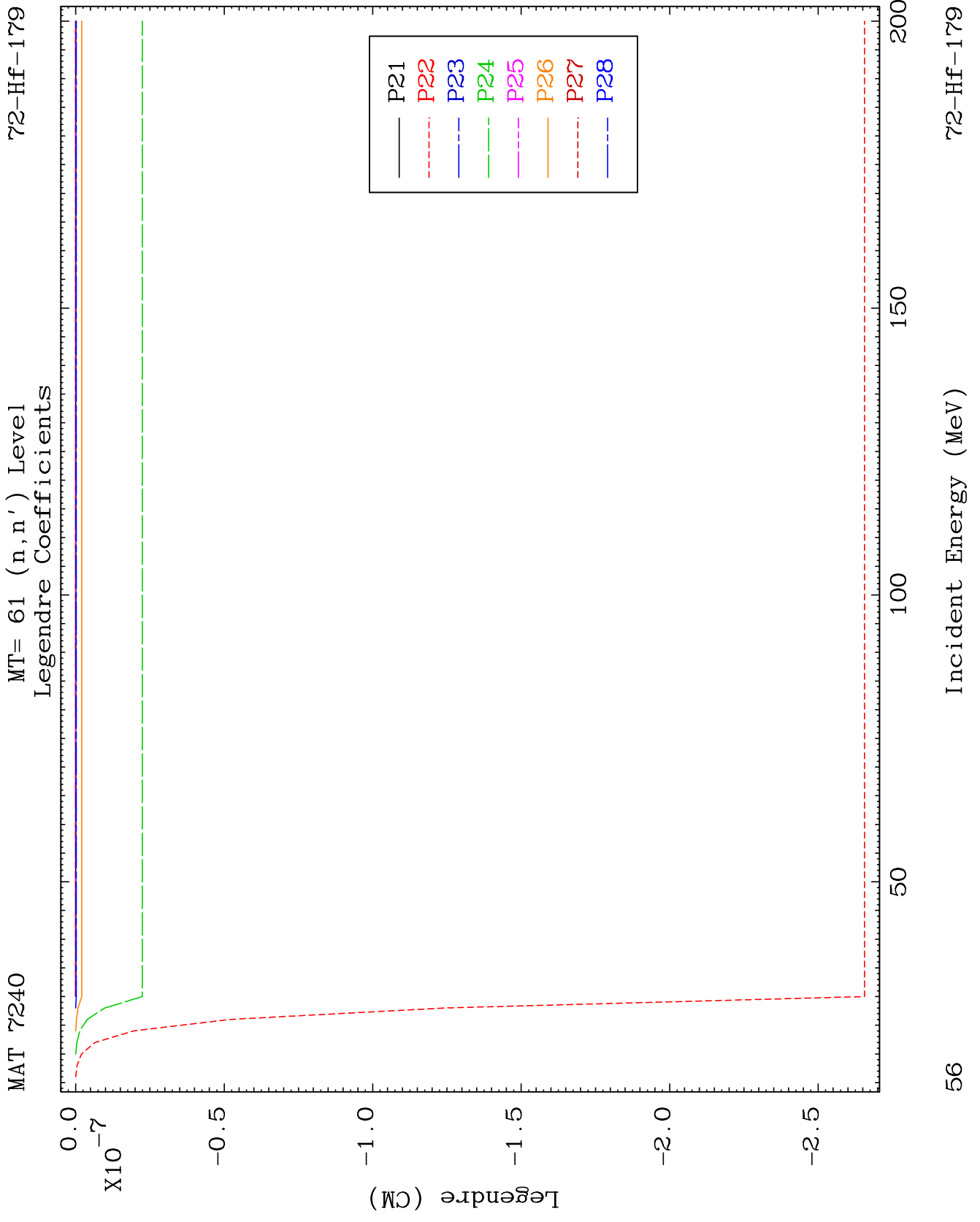








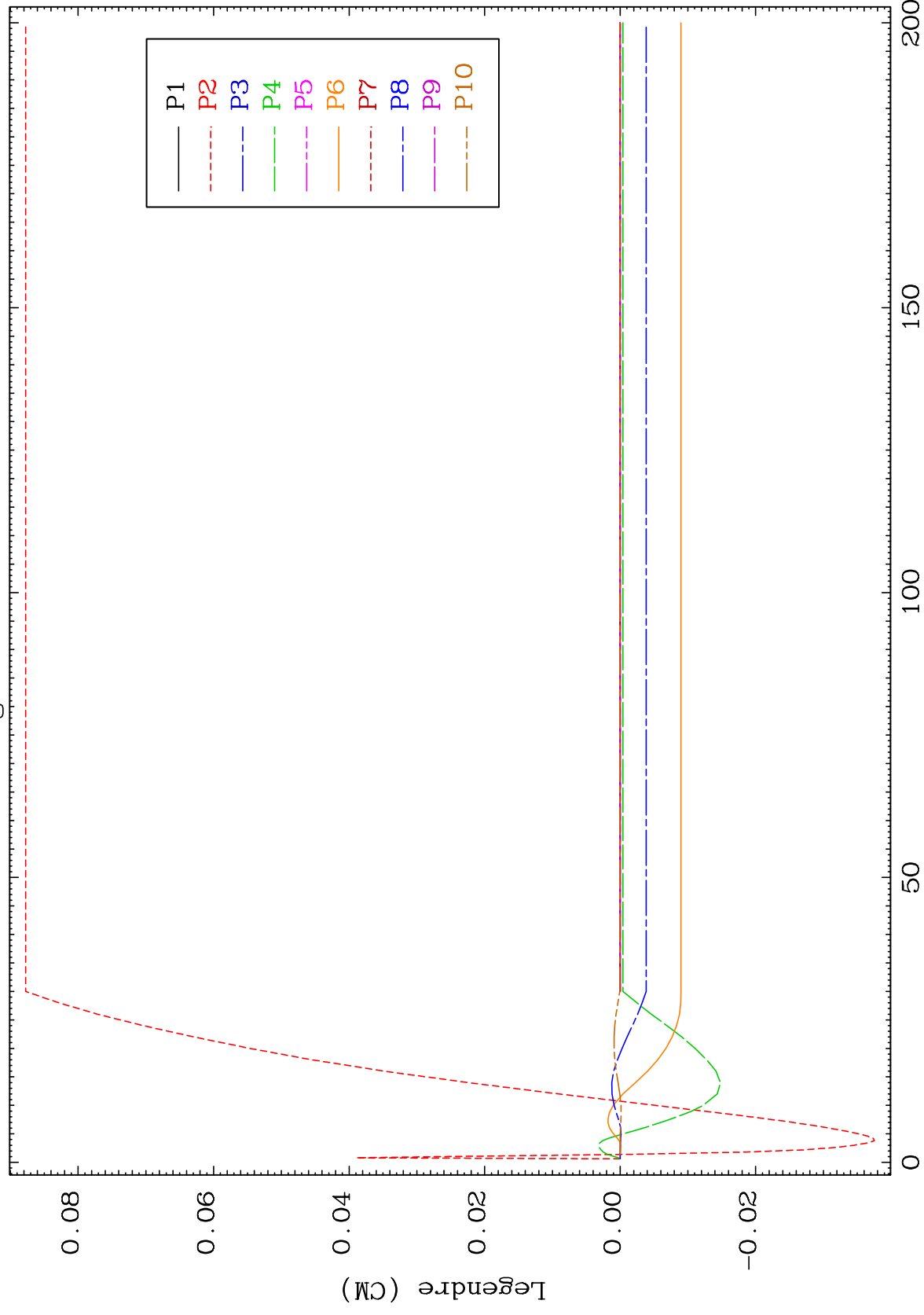




MAT 7240

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

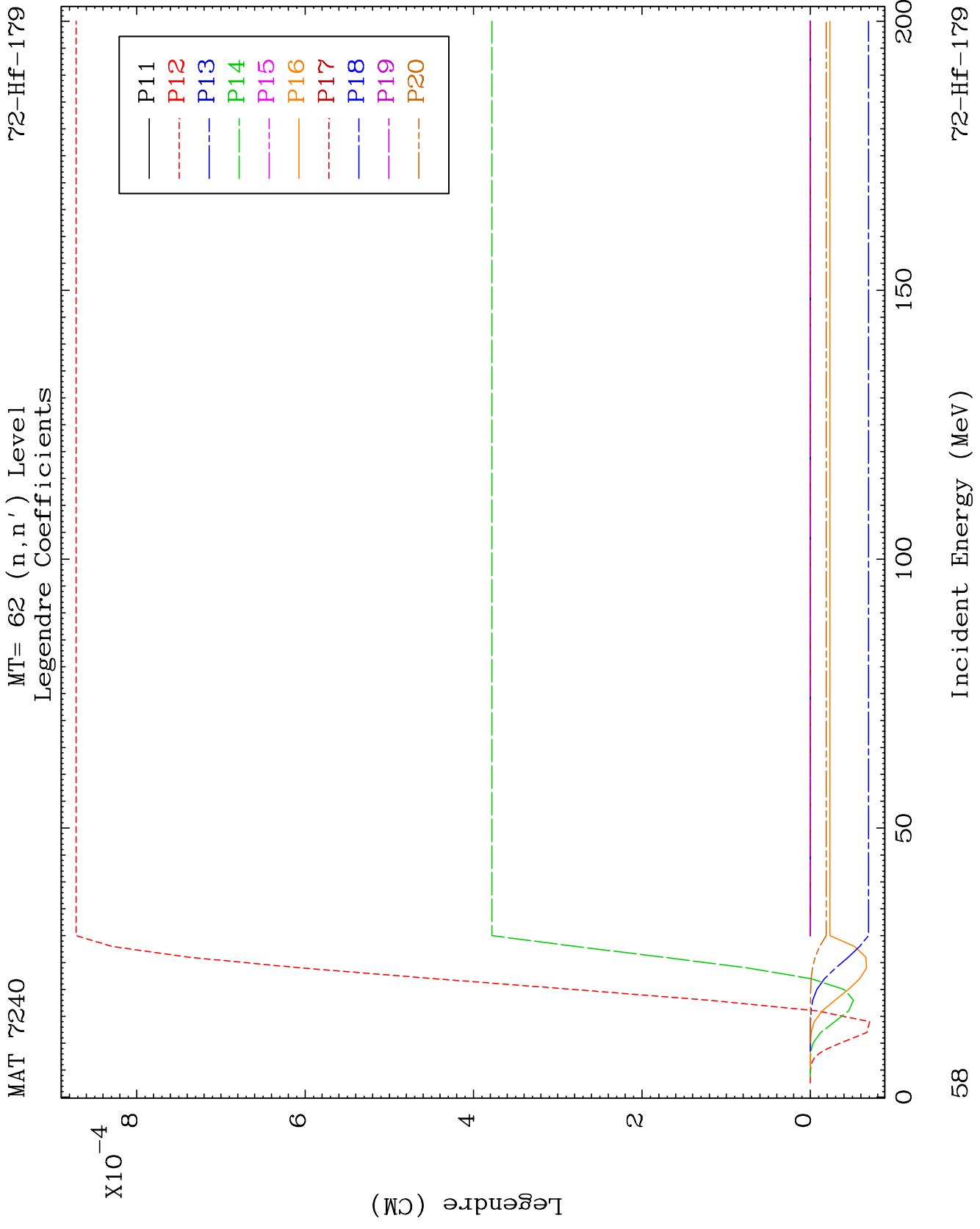
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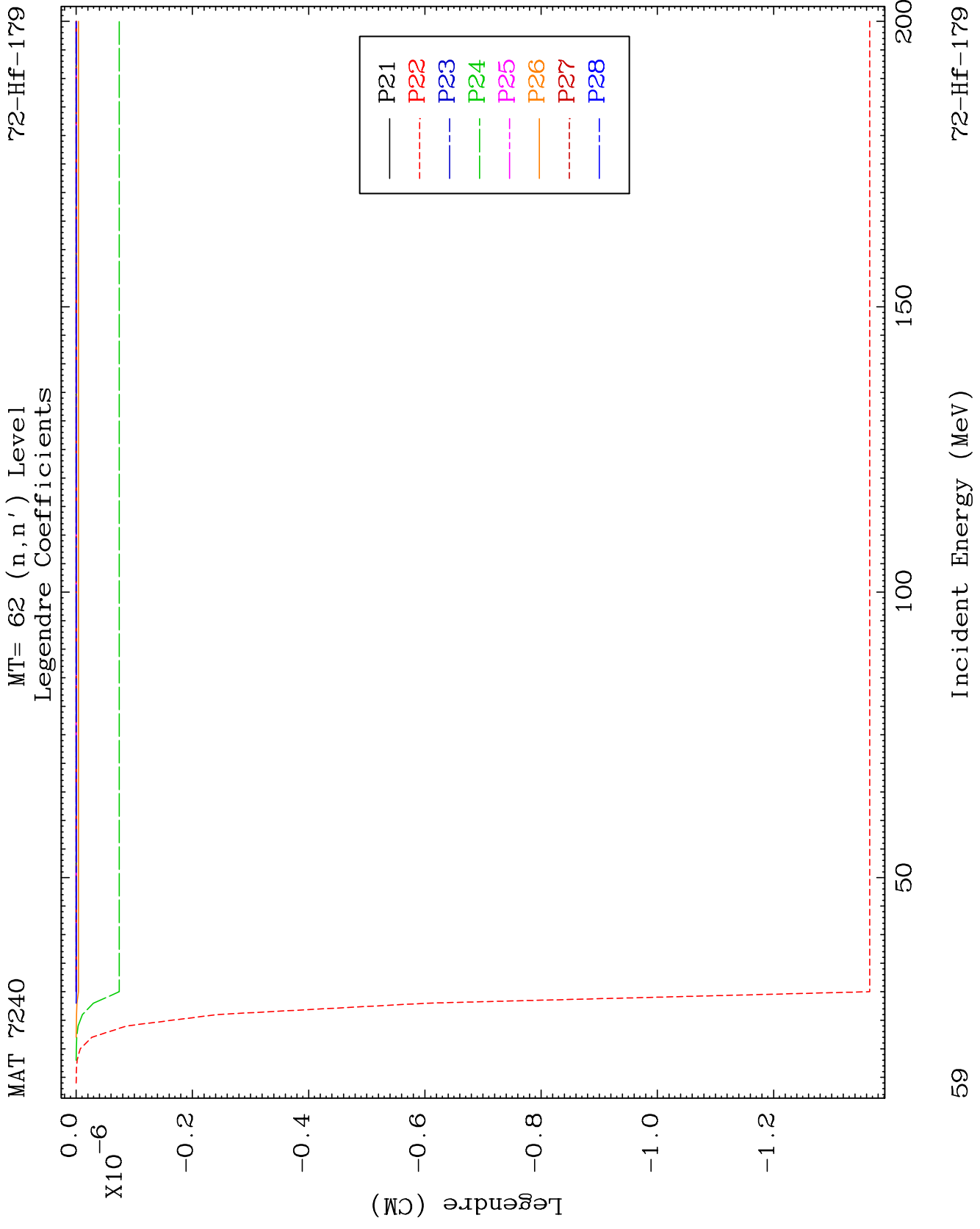


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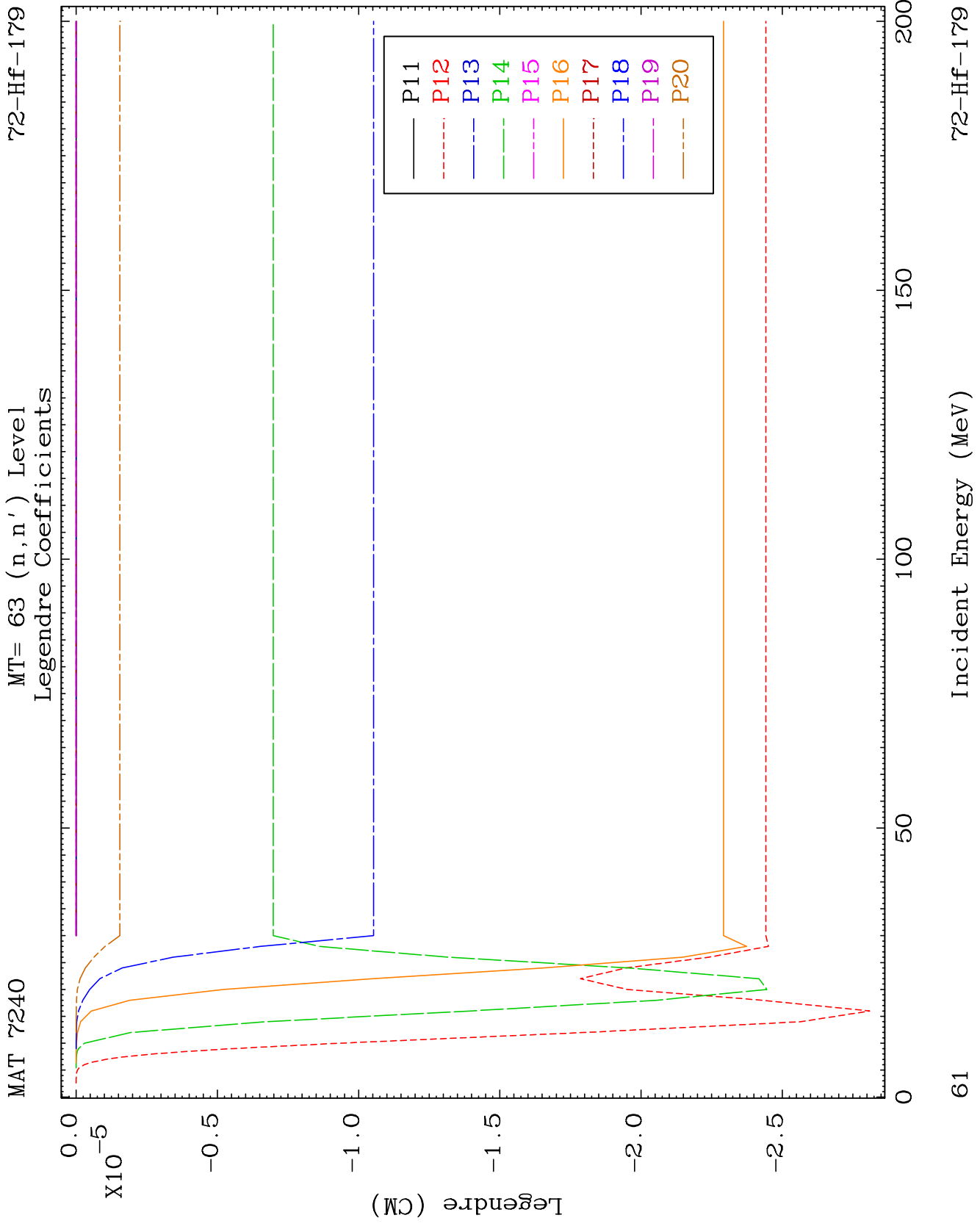
Incident Energy (MeV)

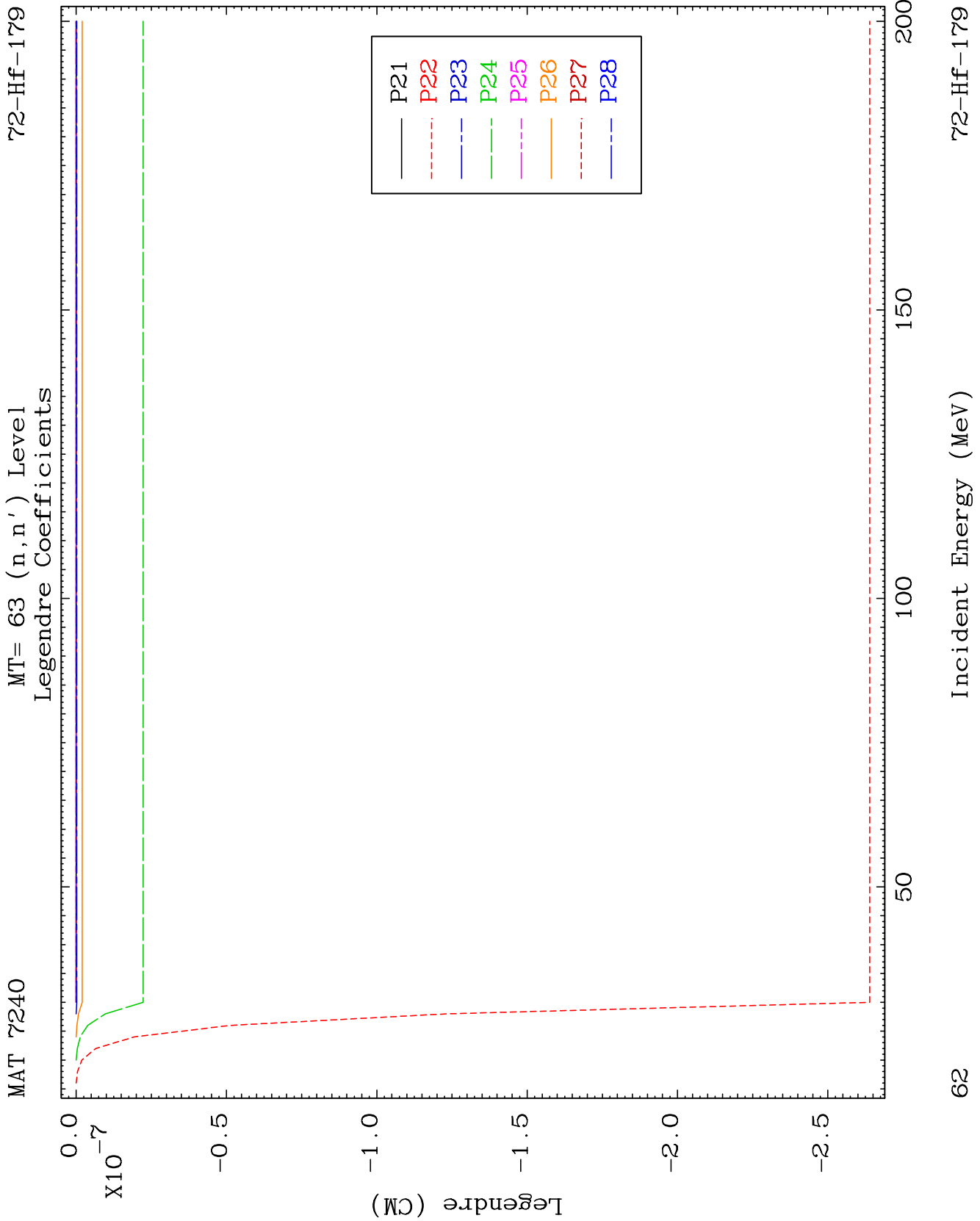
57









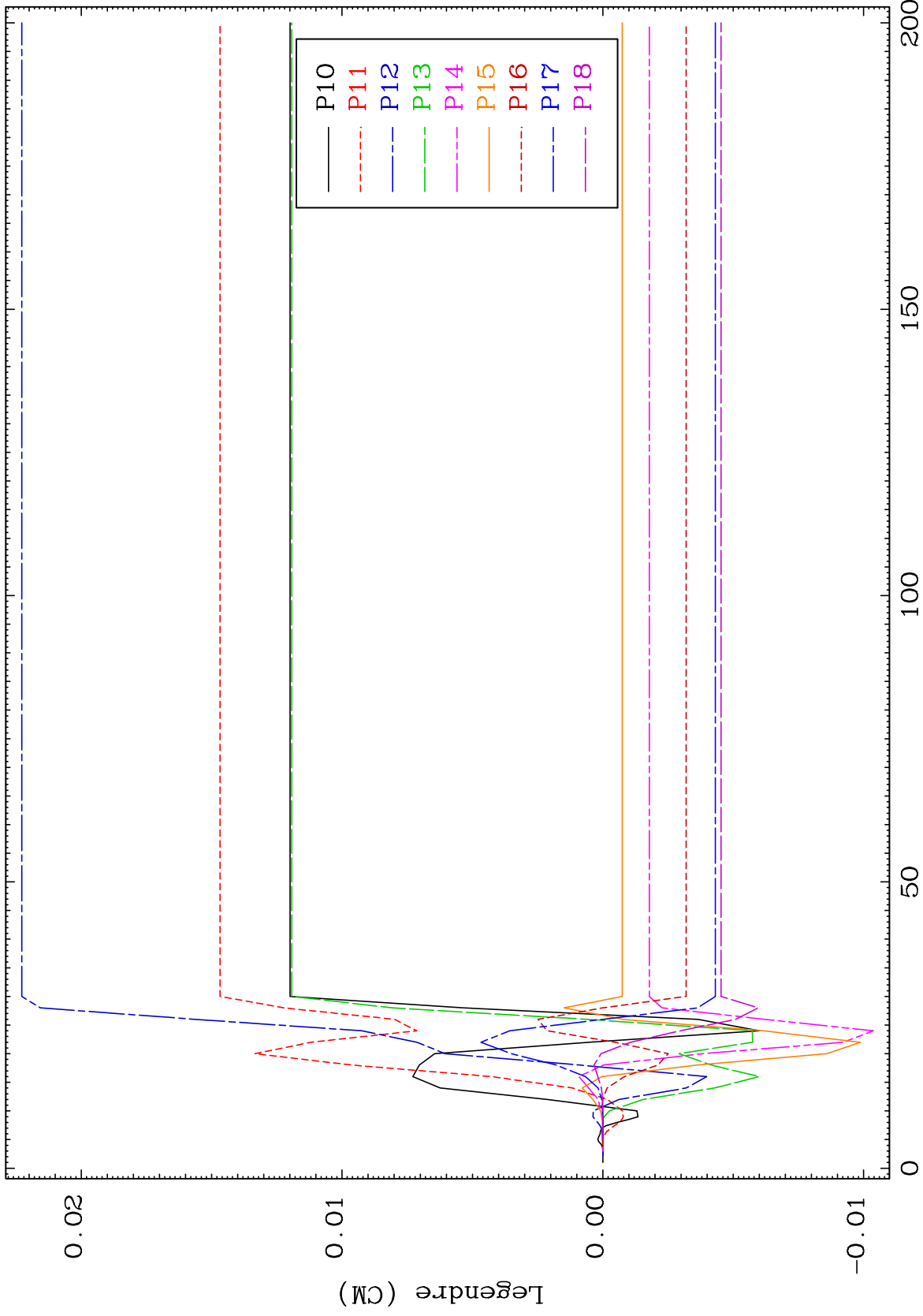




MAT 7240

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

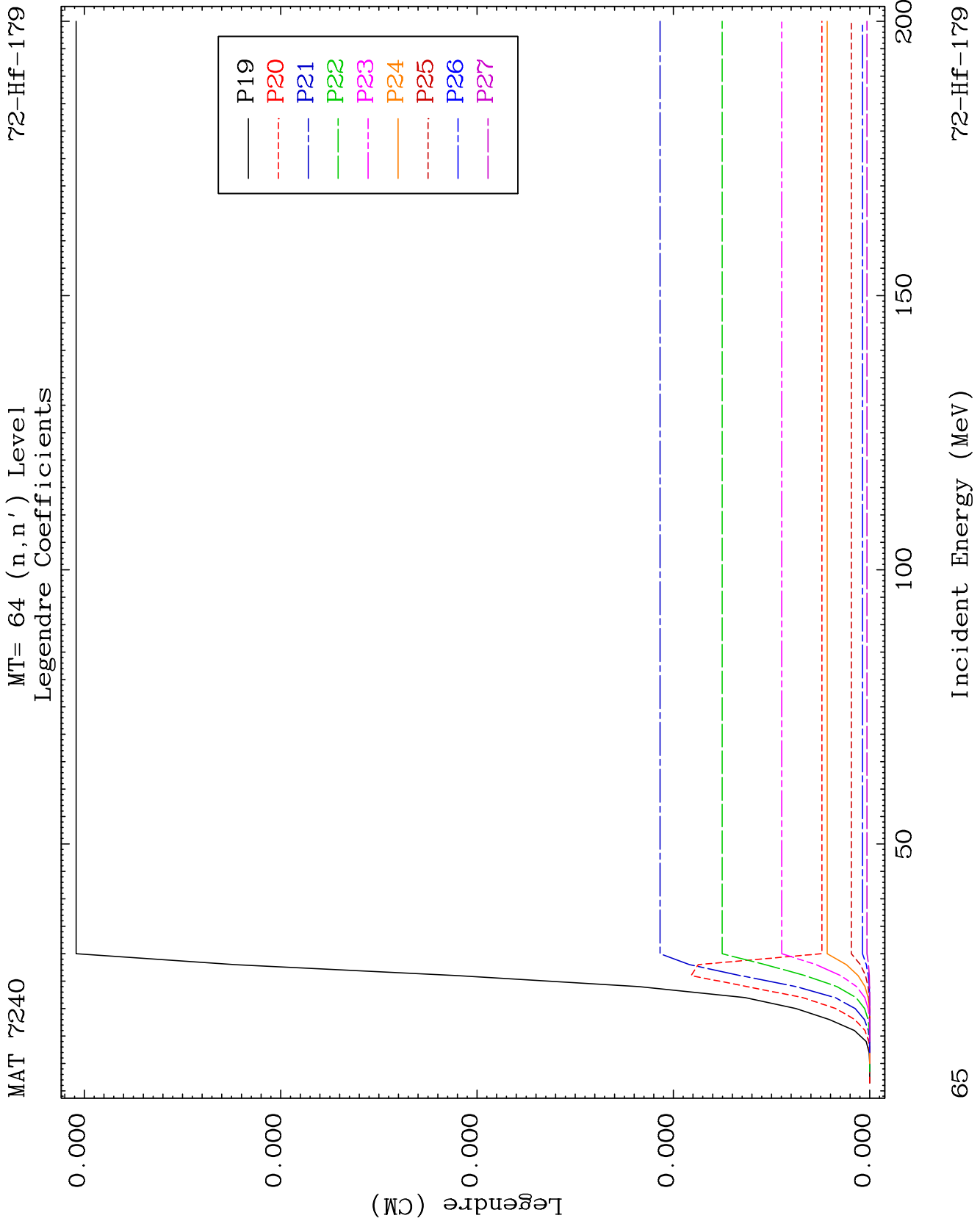
72-Hf-179



64

Incident Energy (MeV)

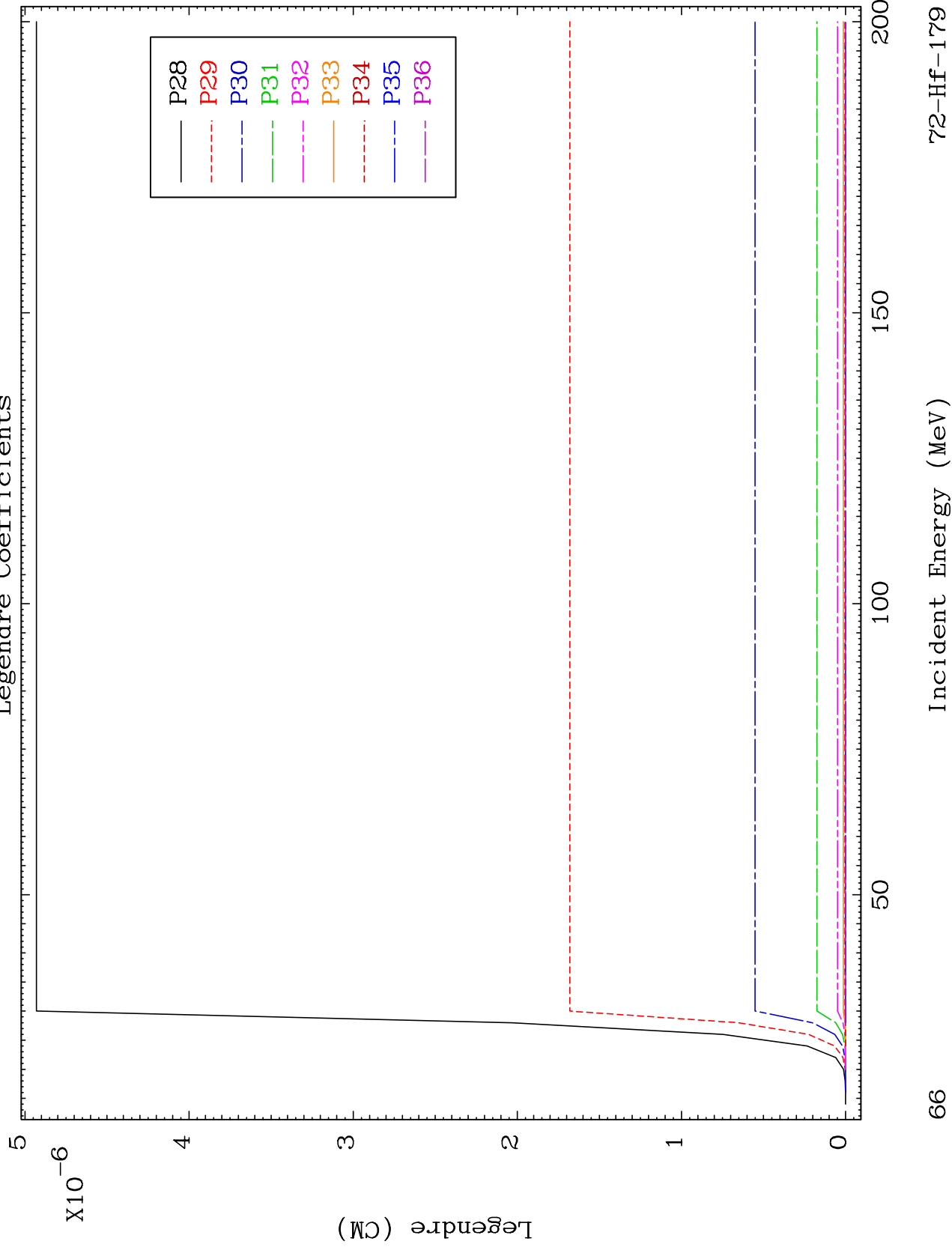
72-Hf-179



MAT 7240

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

72-Hf-179

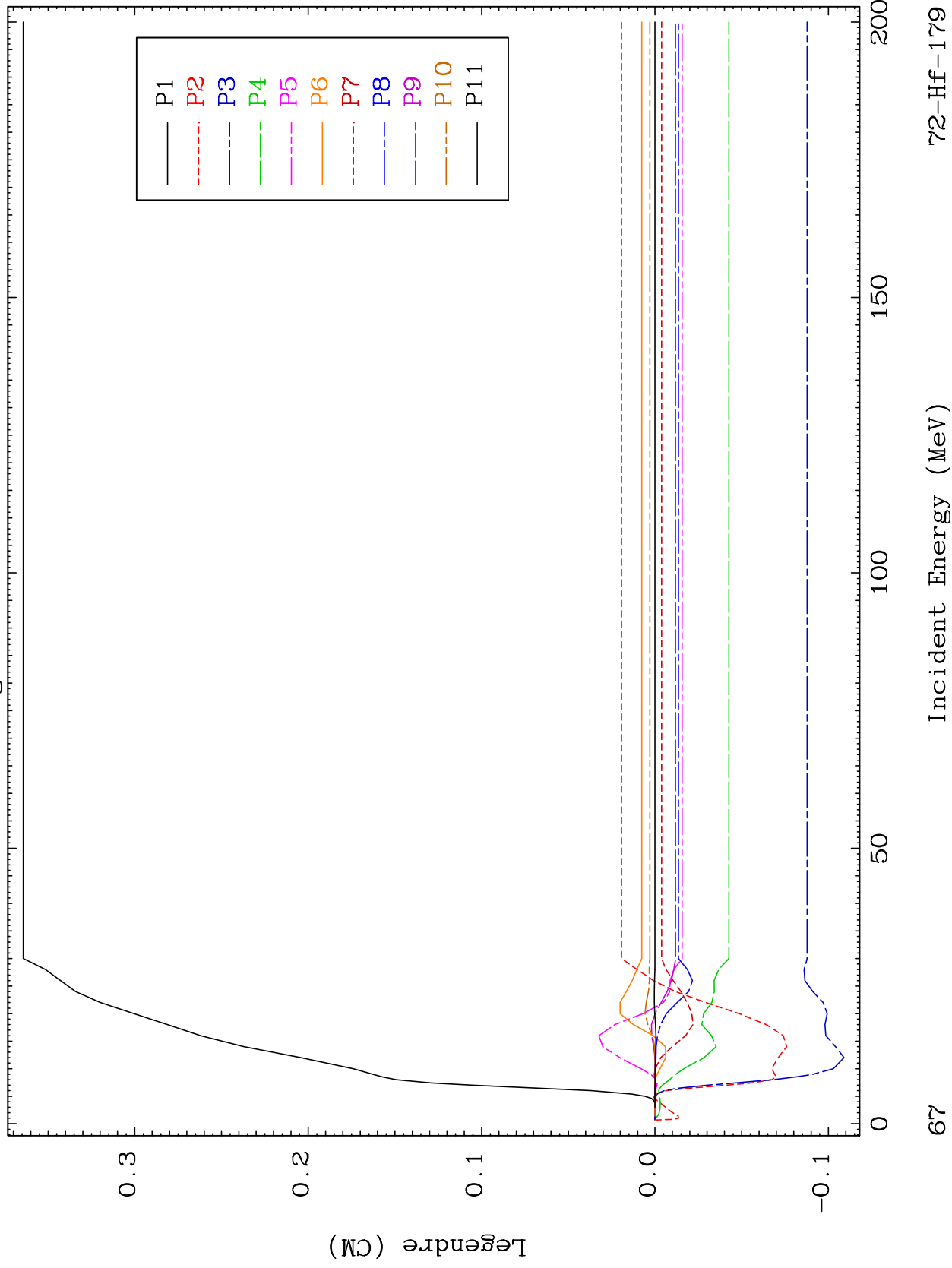


66

MAT 7240

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

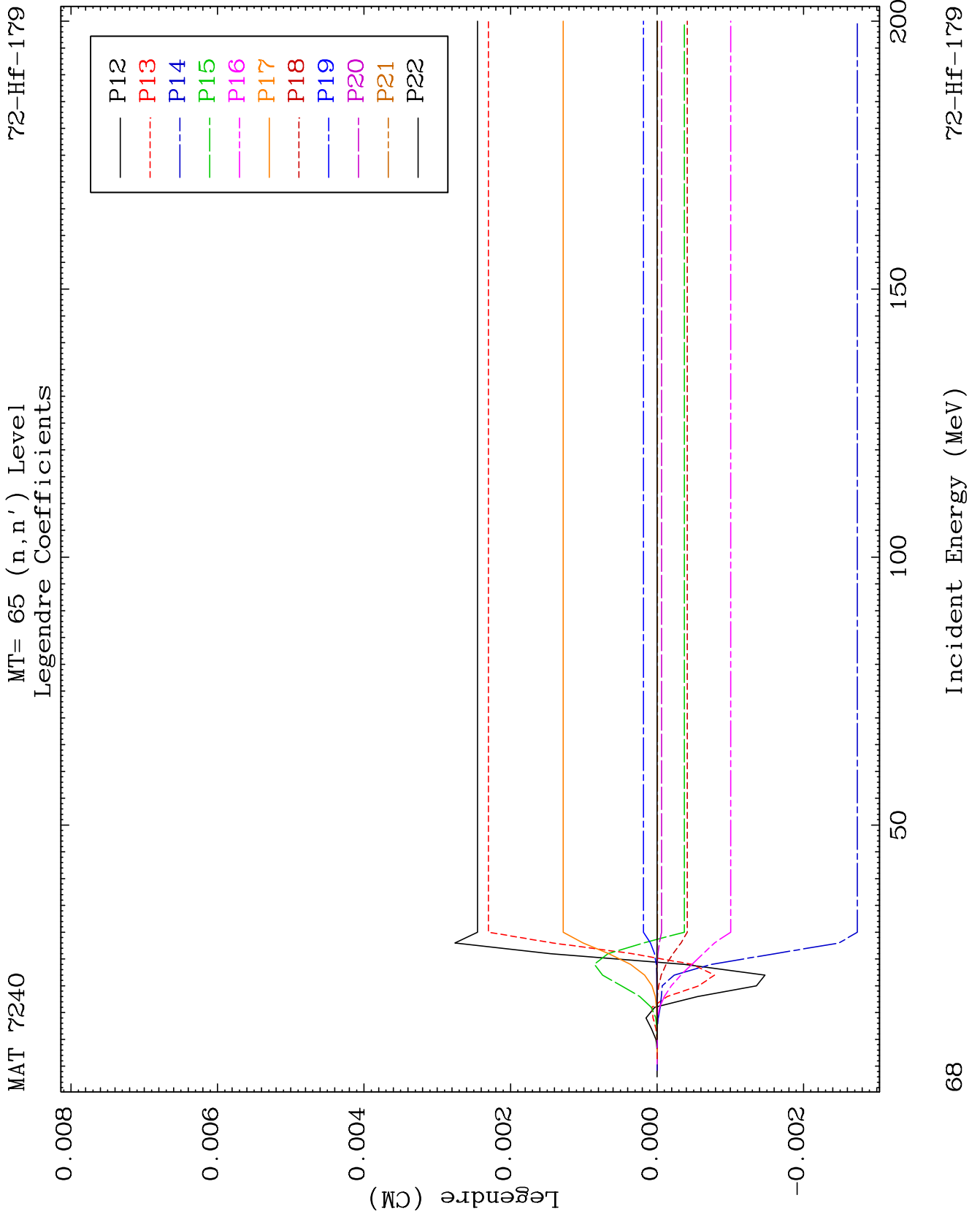
72-Hf-179



72-Hf-179

Incident Energy (MeV)

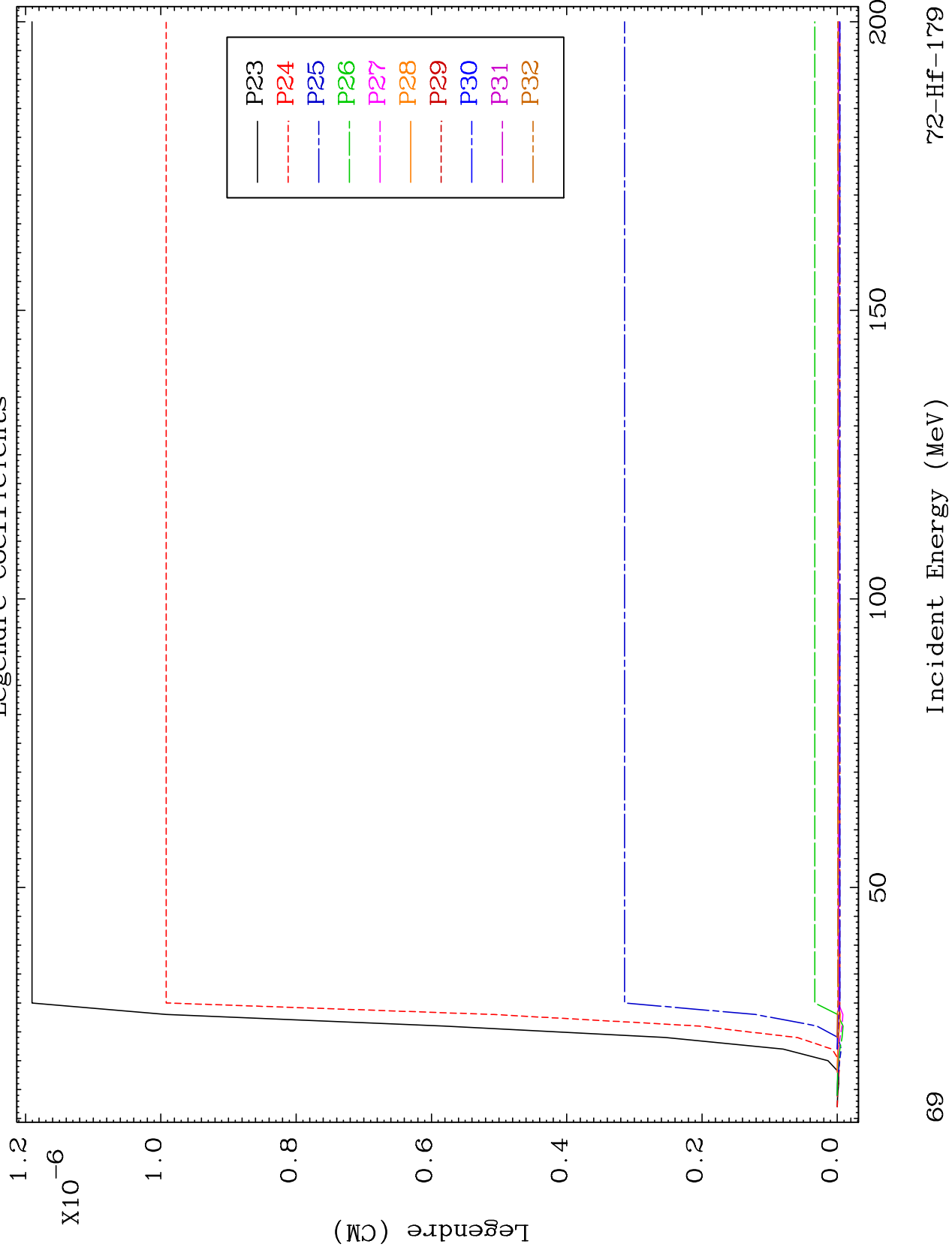
67



MAT 7240

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

72-Hf-179

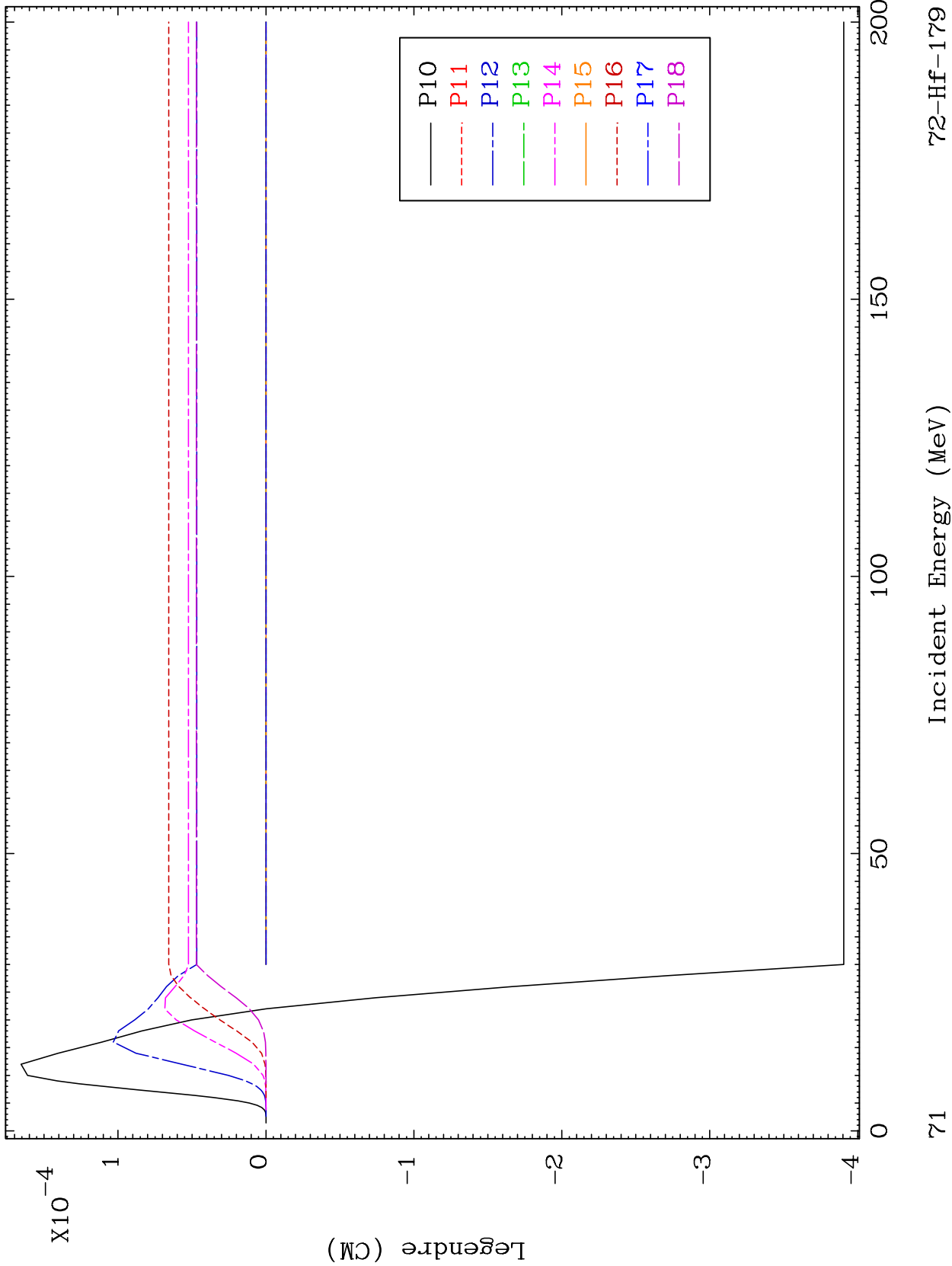




MAT 7240

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

72-Hf-179

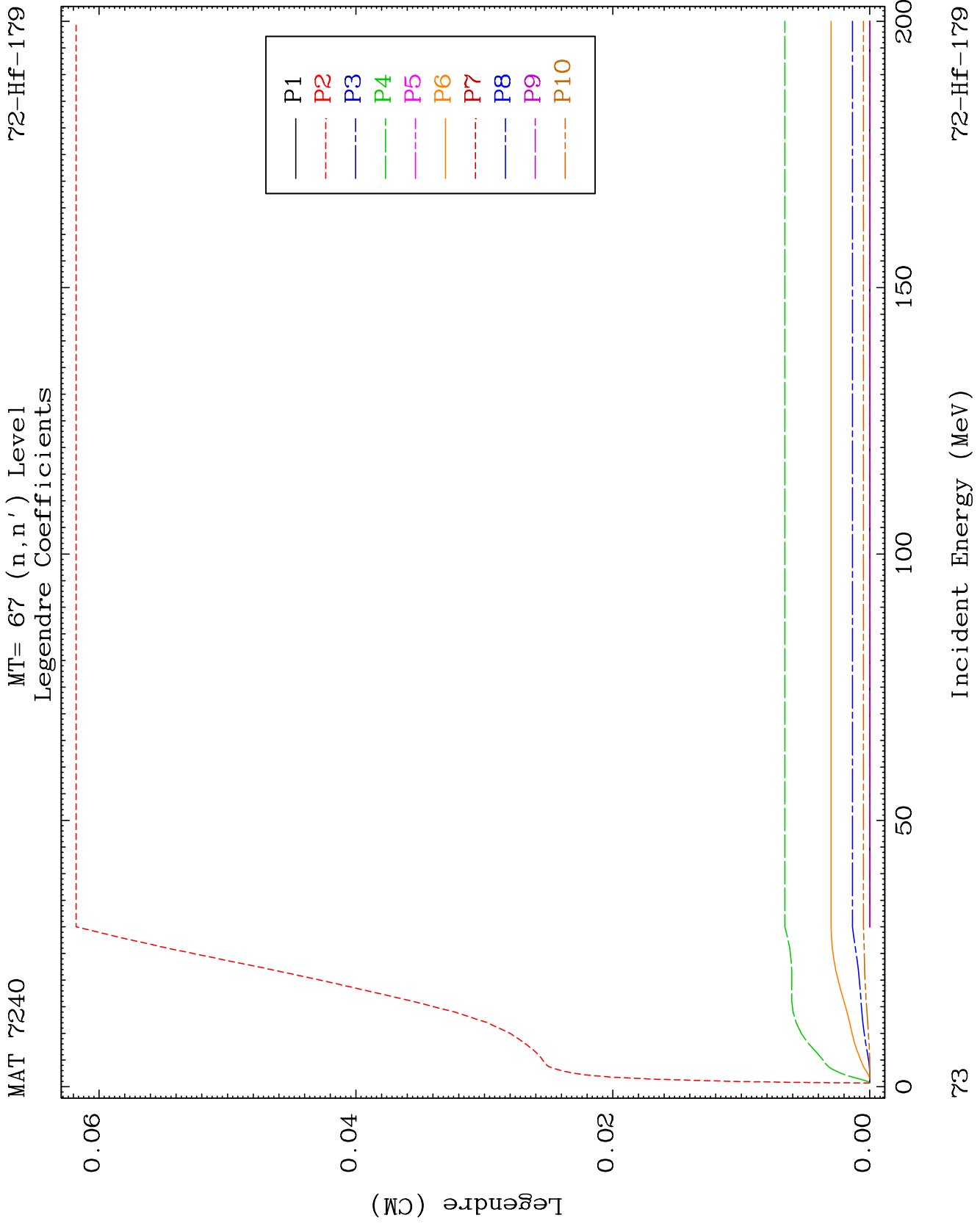


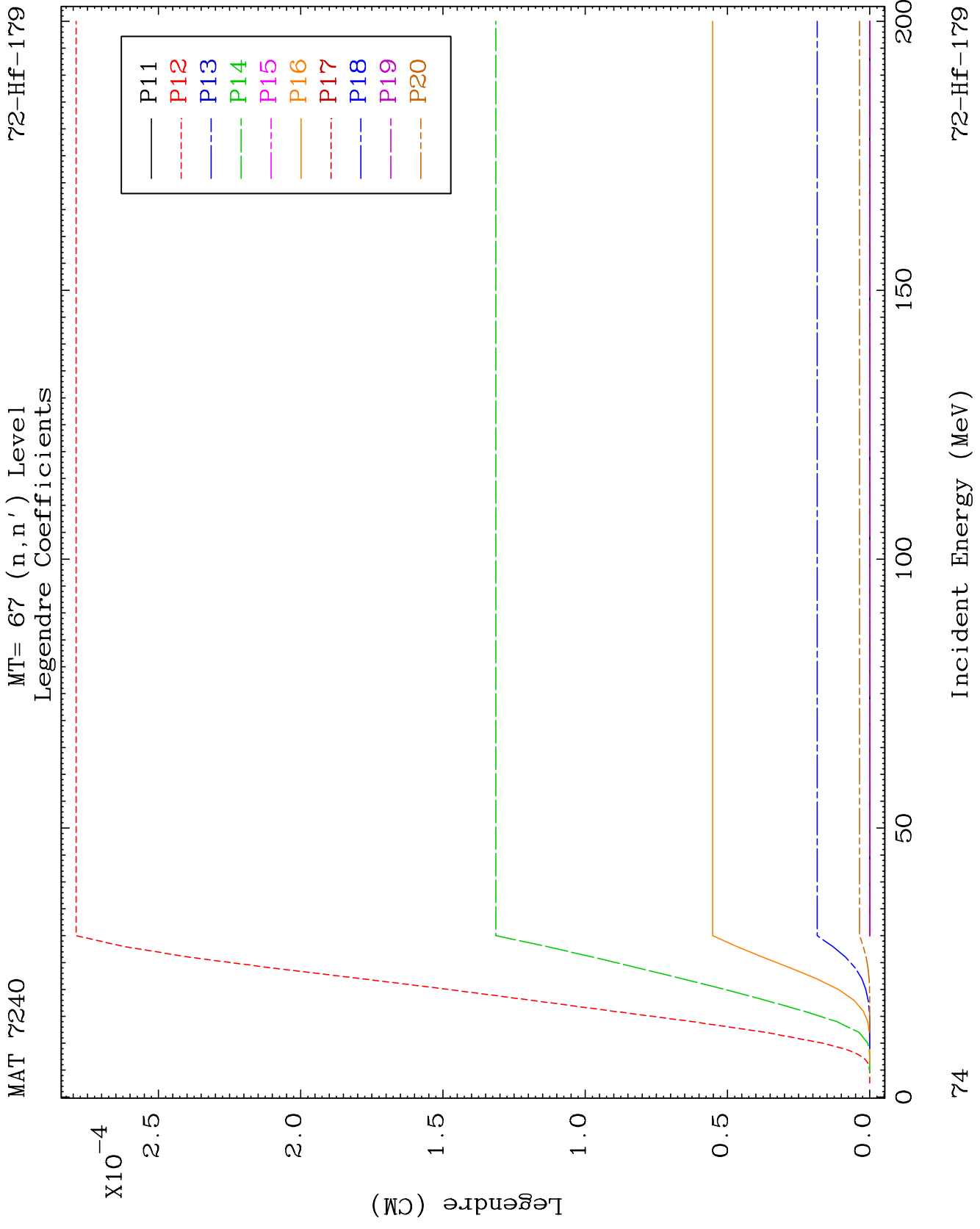
71

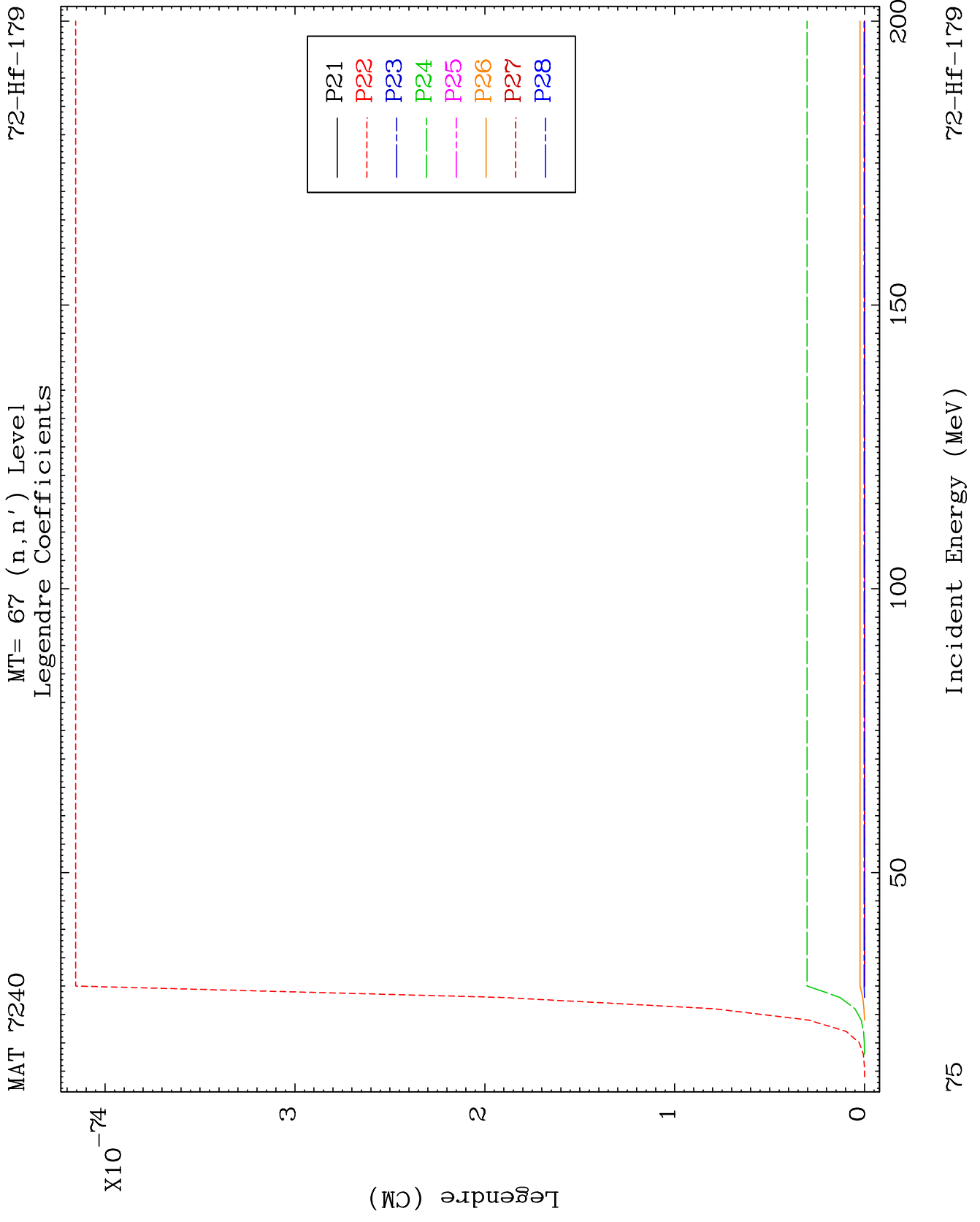
Incident Energy (MeV)

72-Hf-179

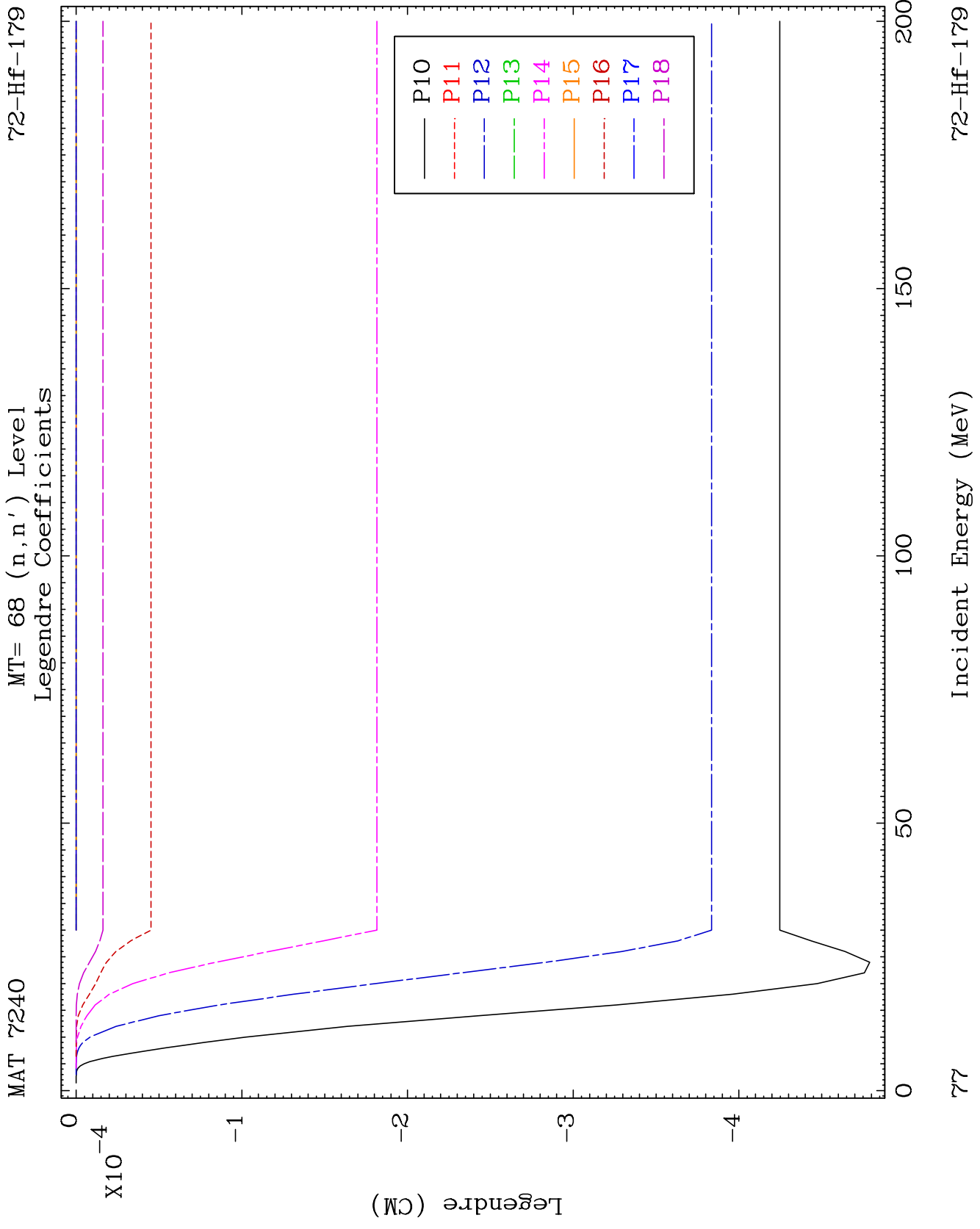


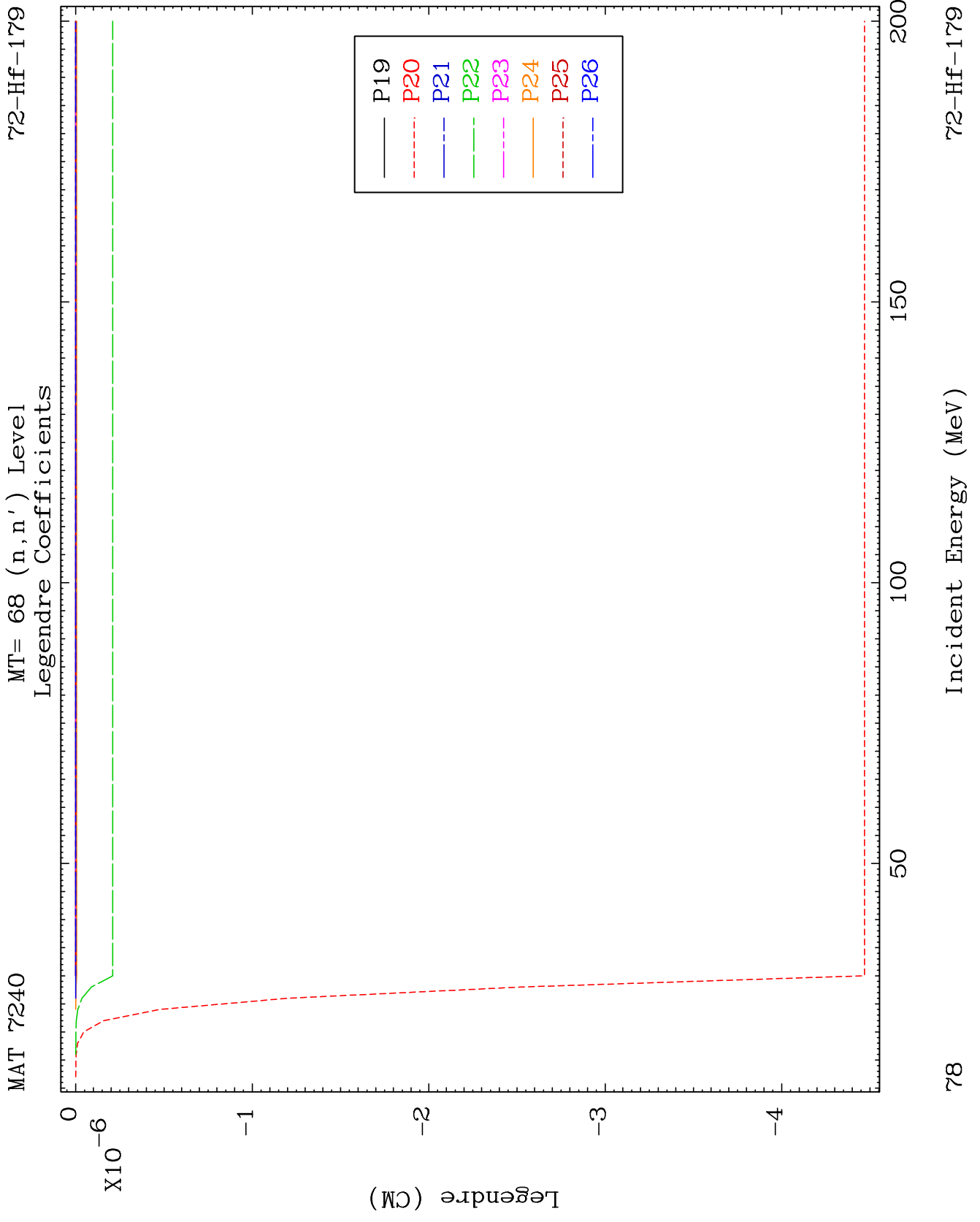








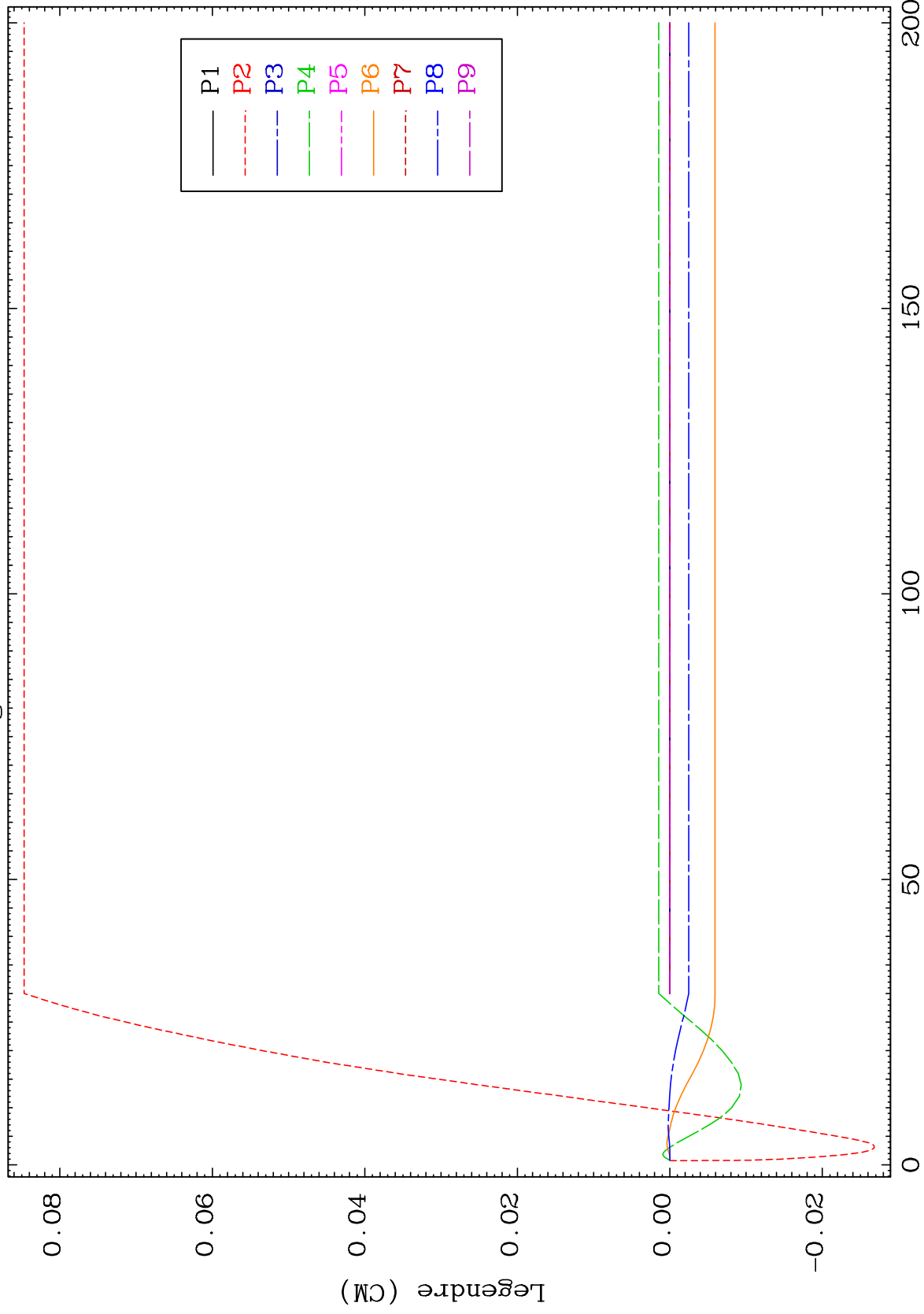




MAT 7240

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

72-Hf-179



79

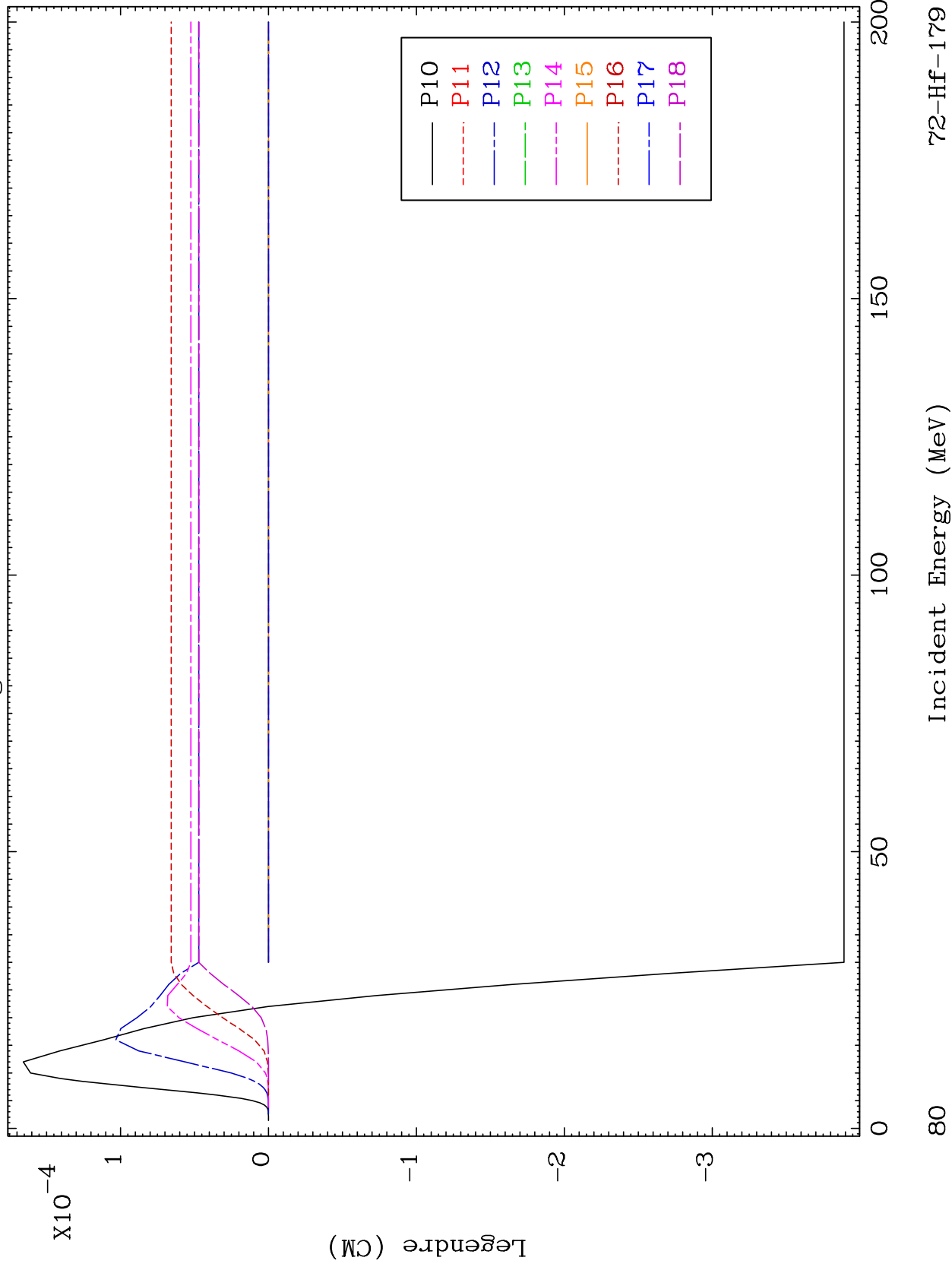
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

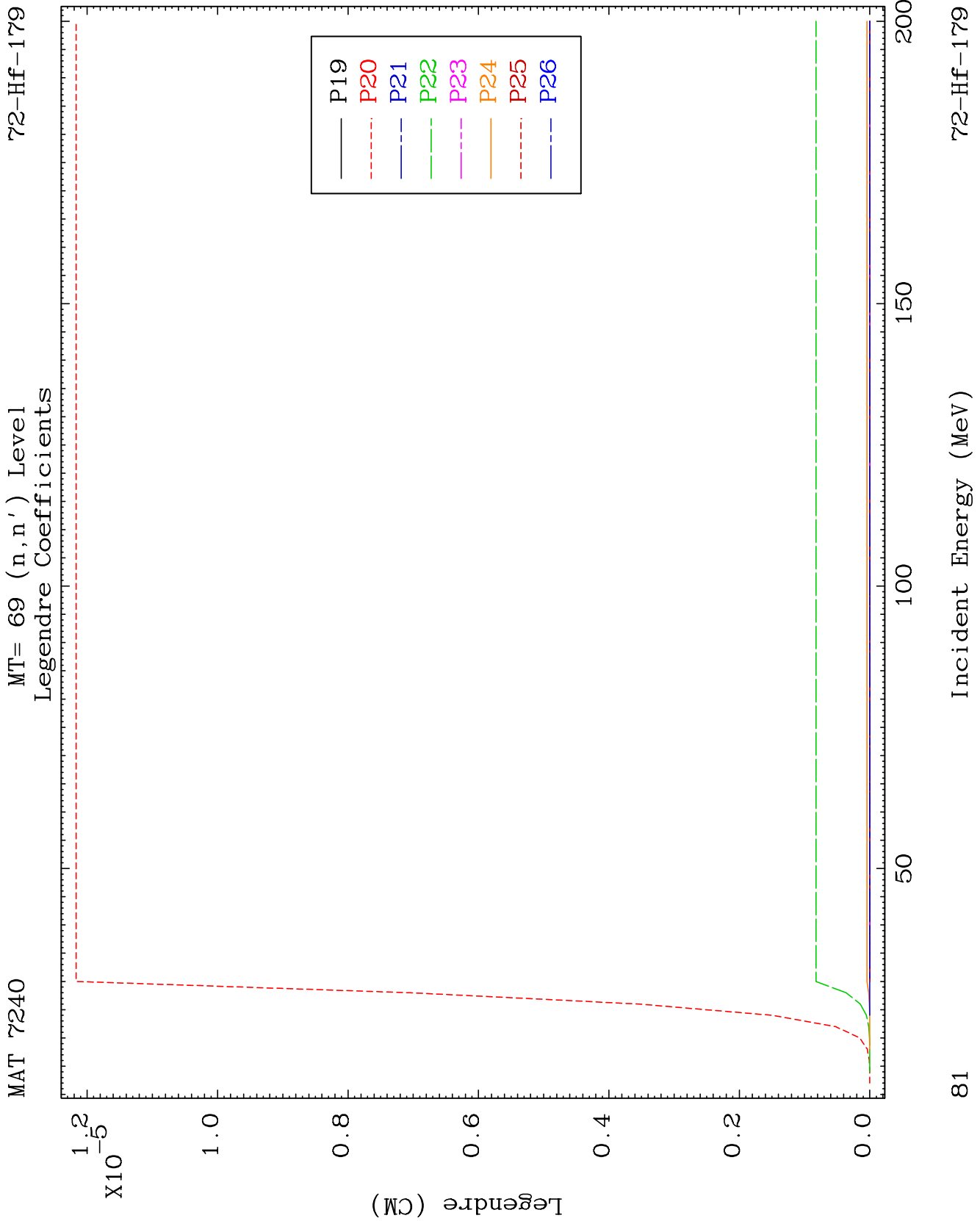
72-Hf-179

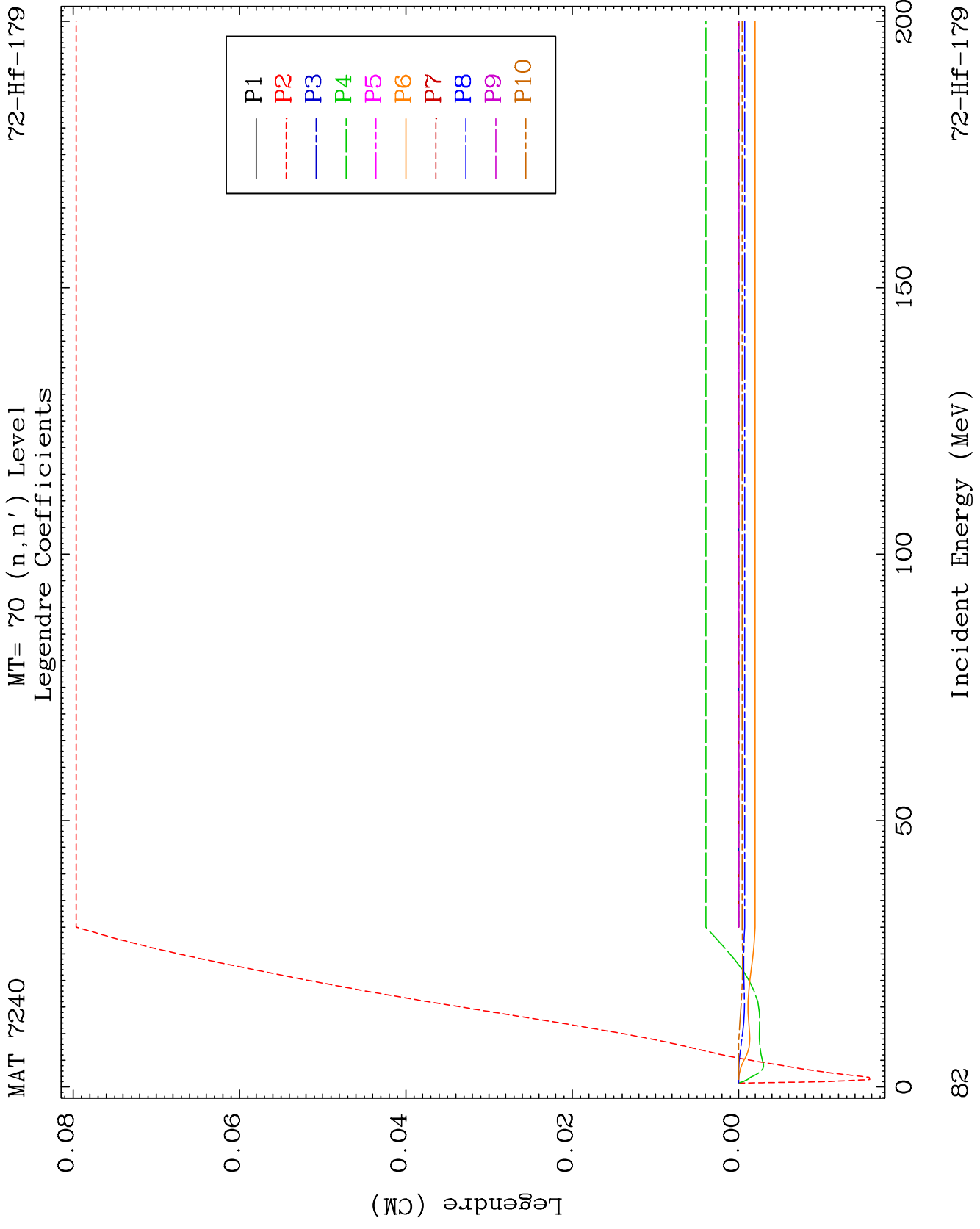


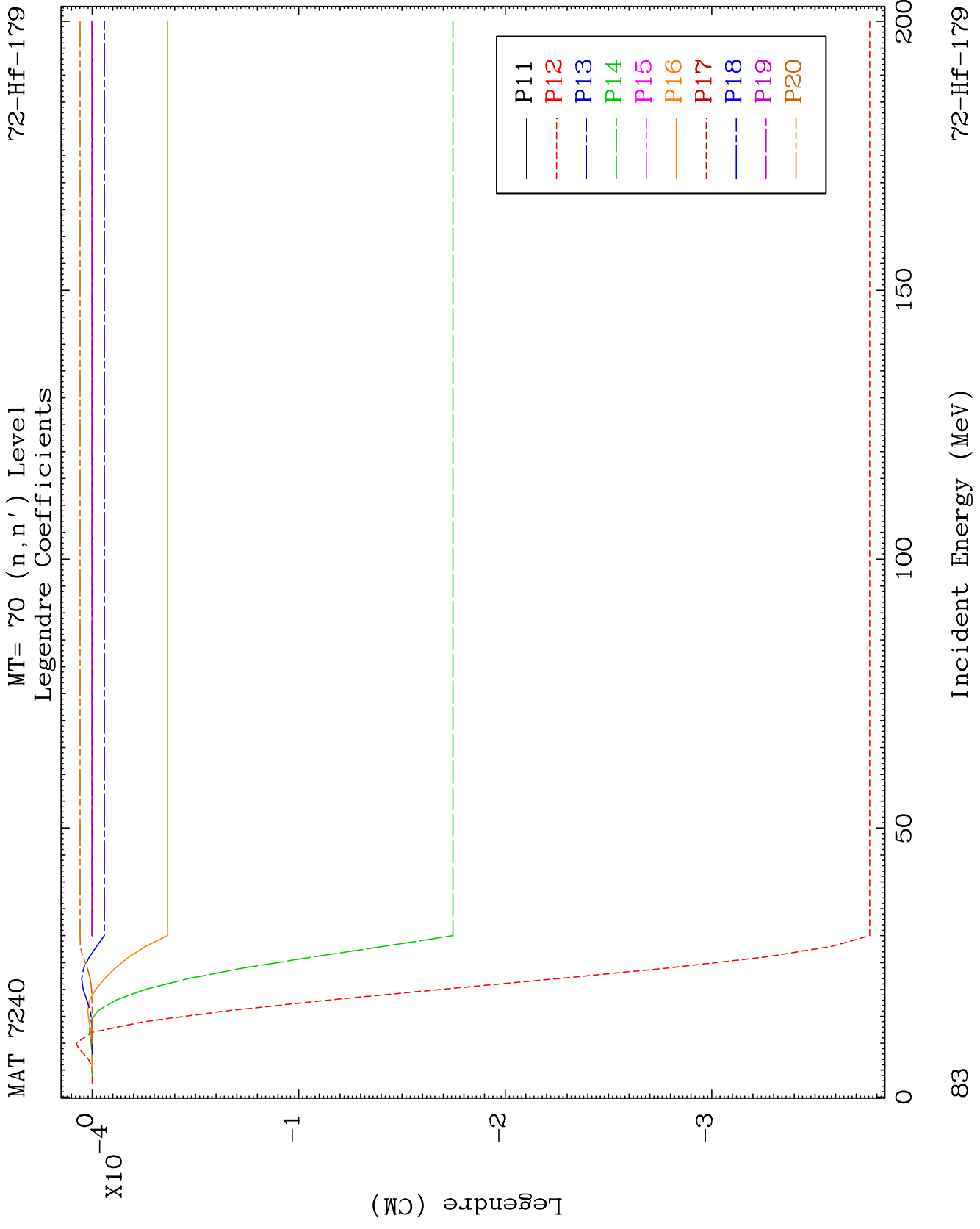
72-Hf-179

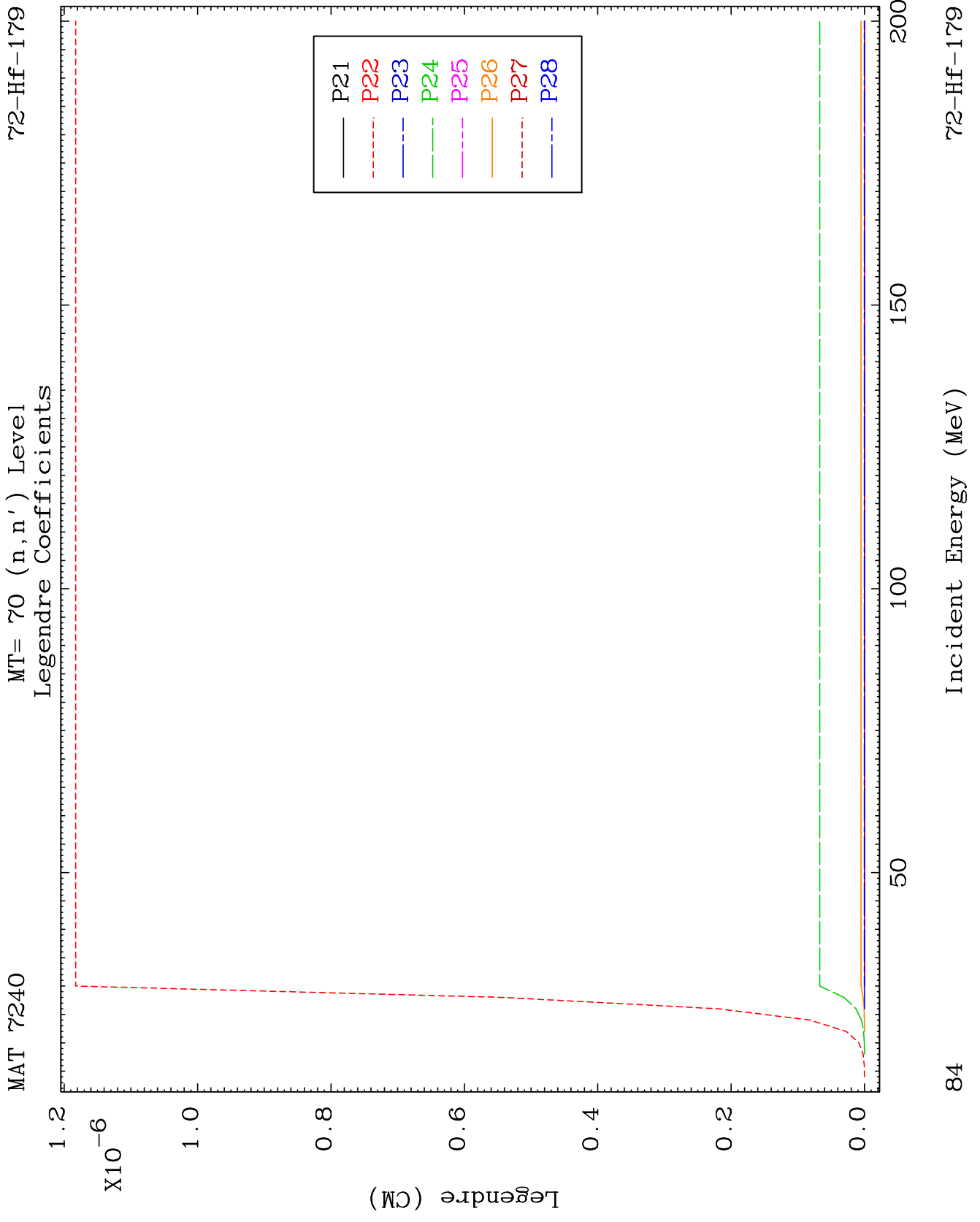
Incident Energy (MeV)

80

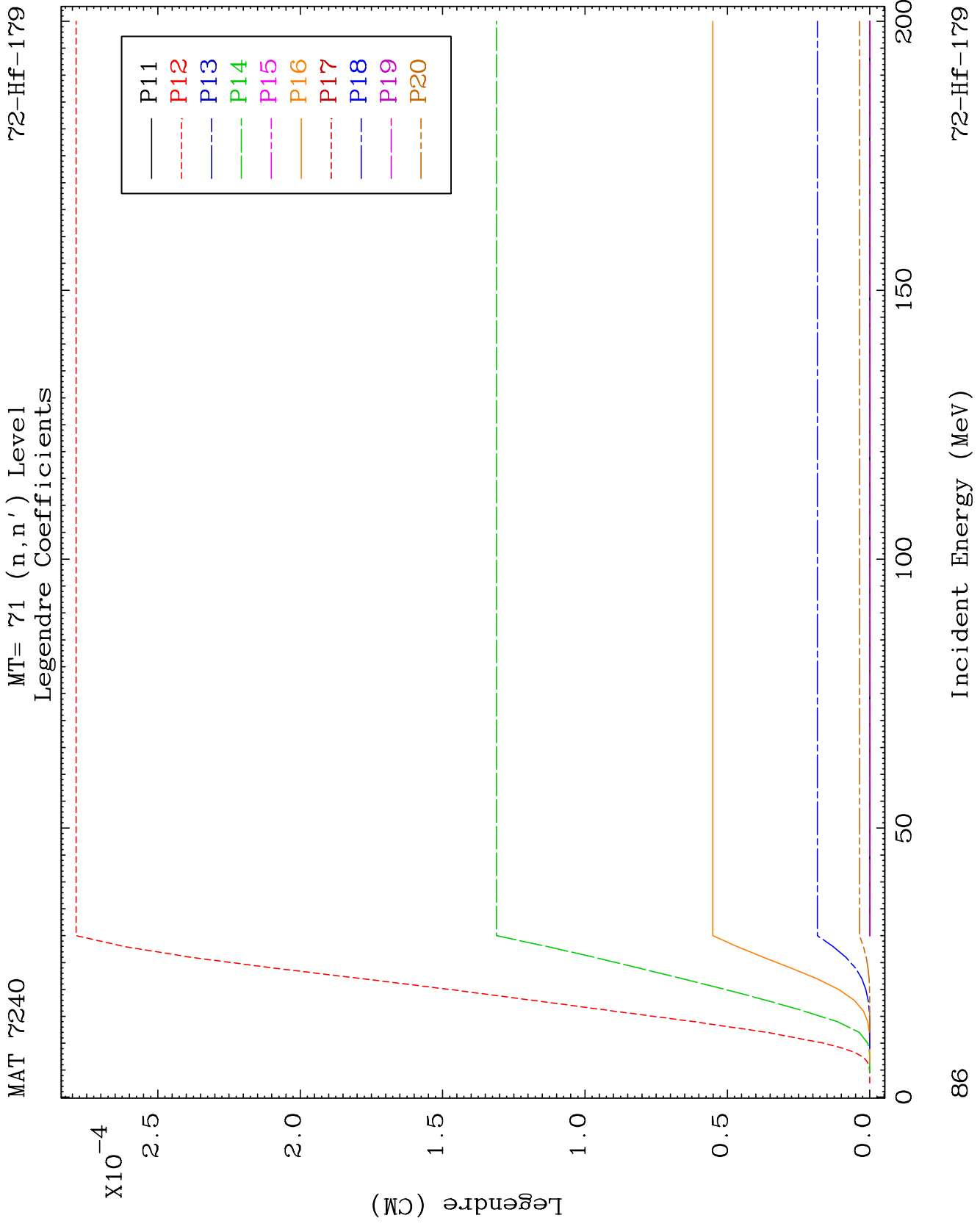


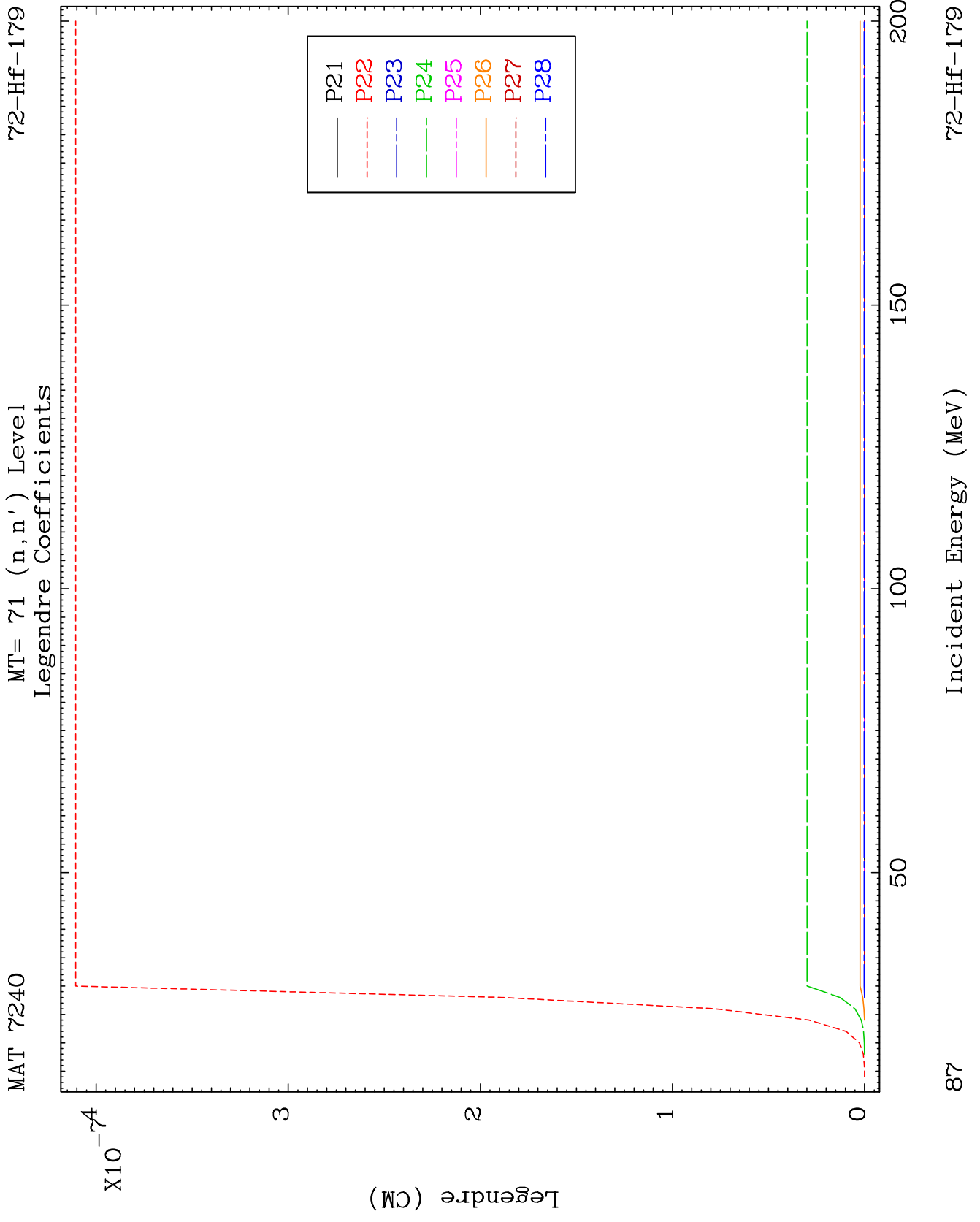




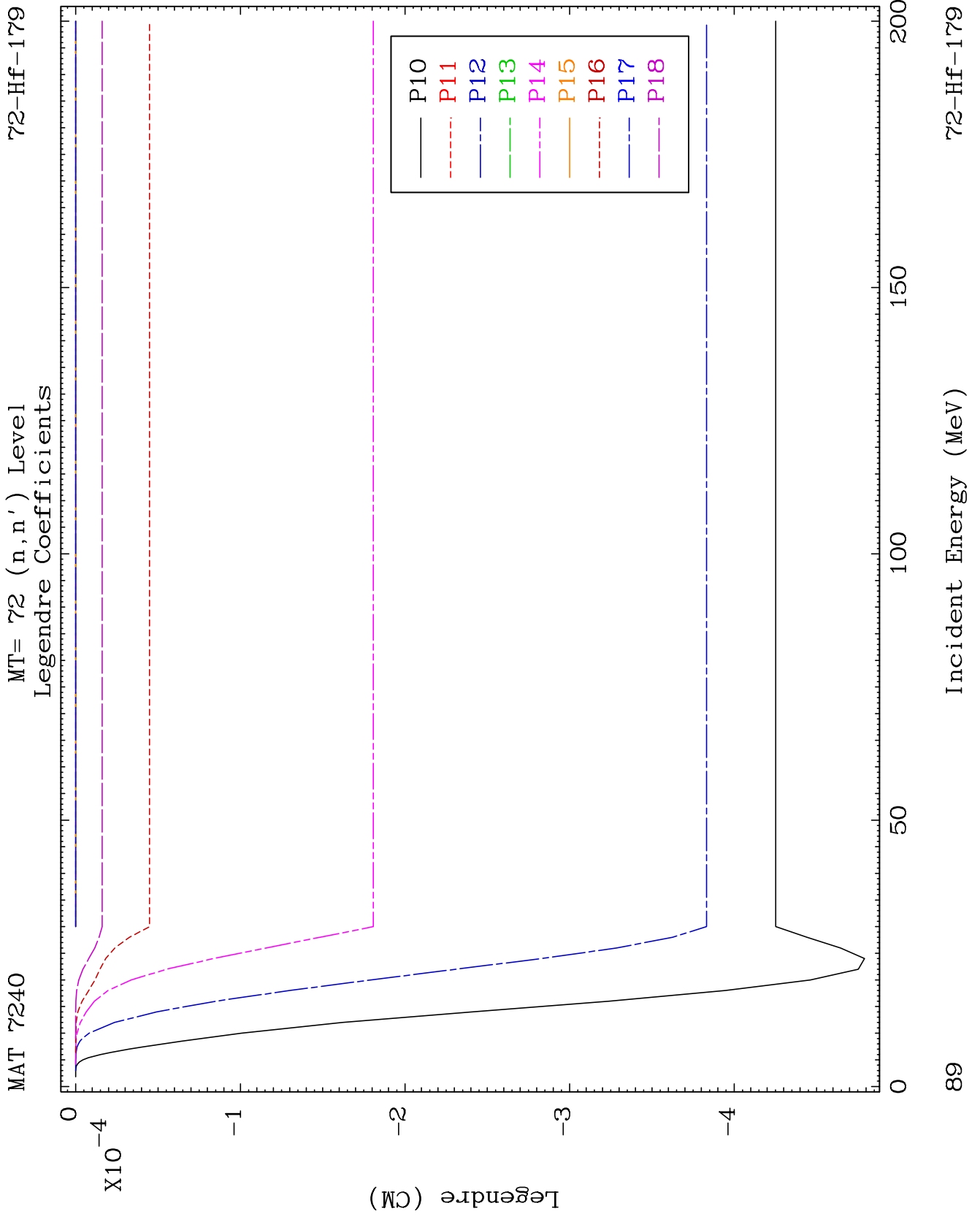


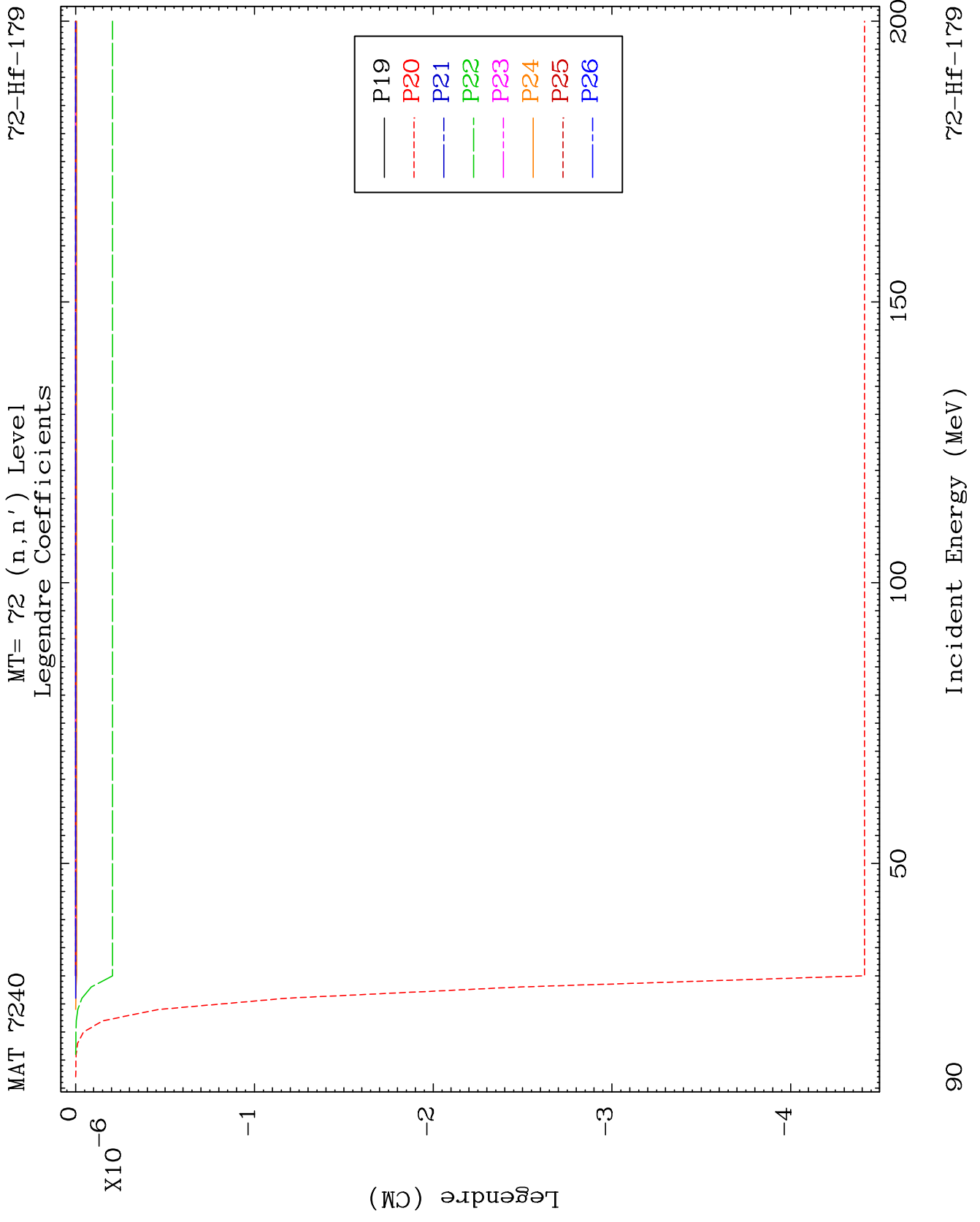








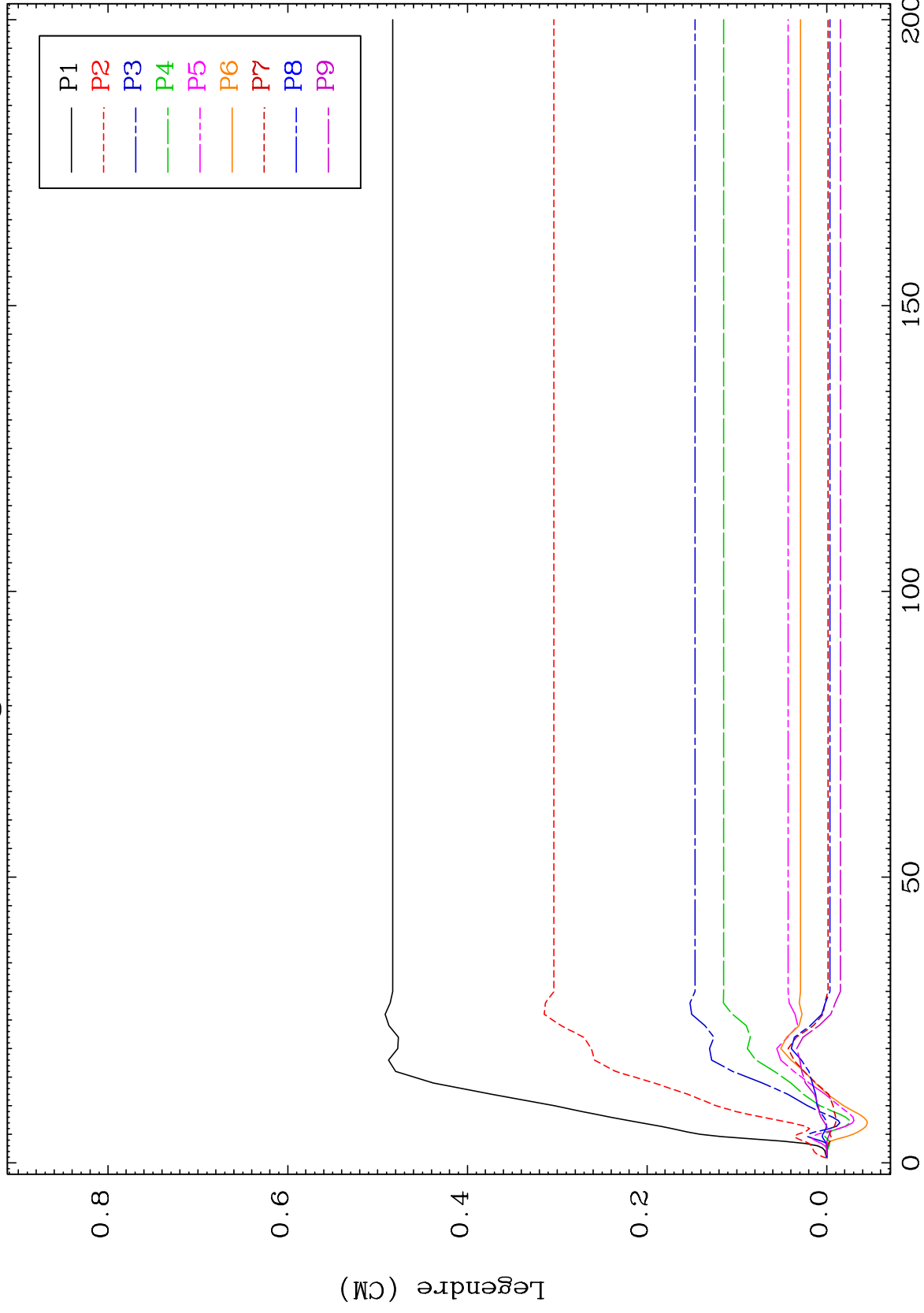




MAT 7240

MT= 73 (n,n') Level  
Legendre Coefficients

72-Hf-179



91

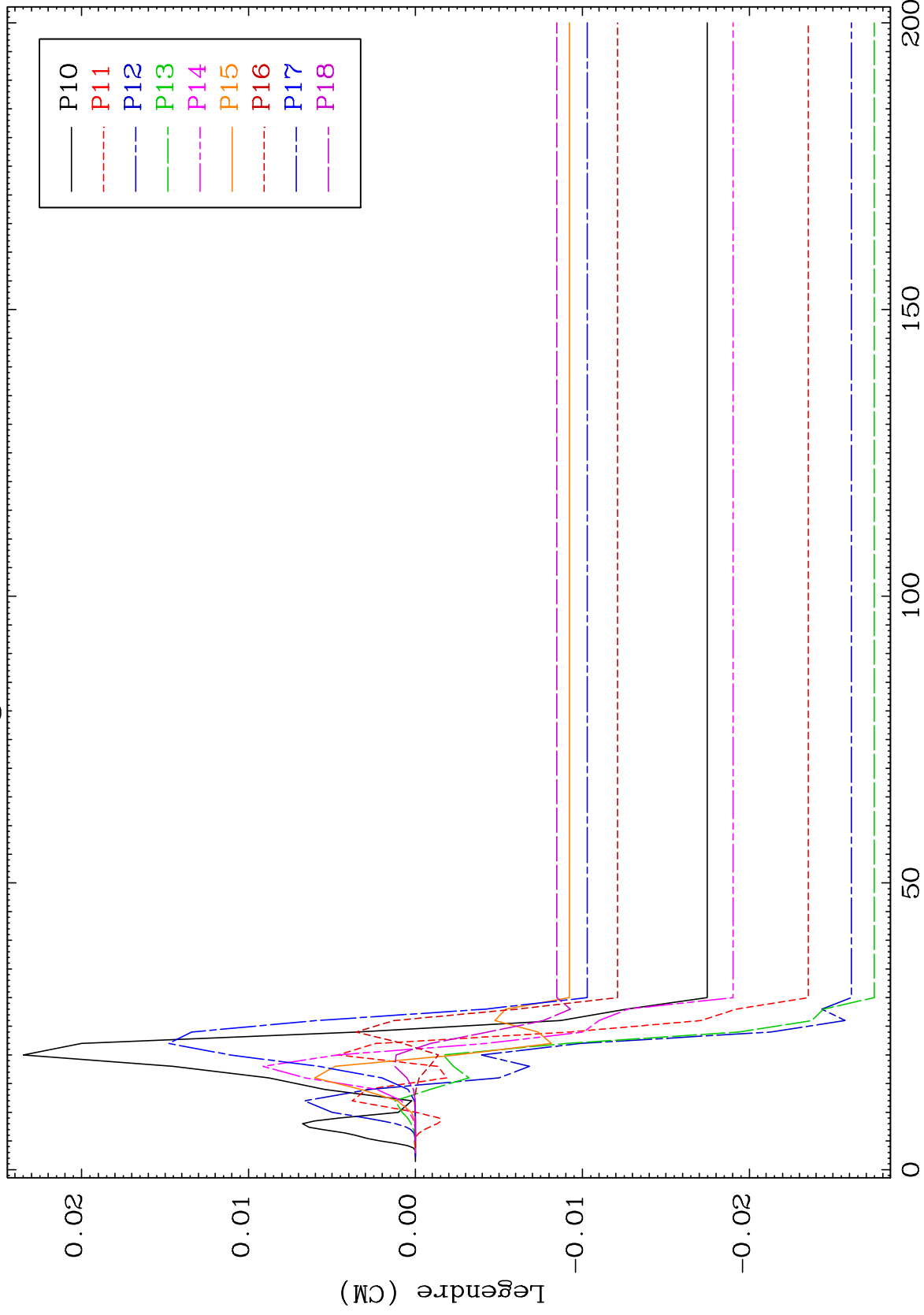
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 73 (n,n') Level  
Legendre Coefficients

72-Hf-179



92

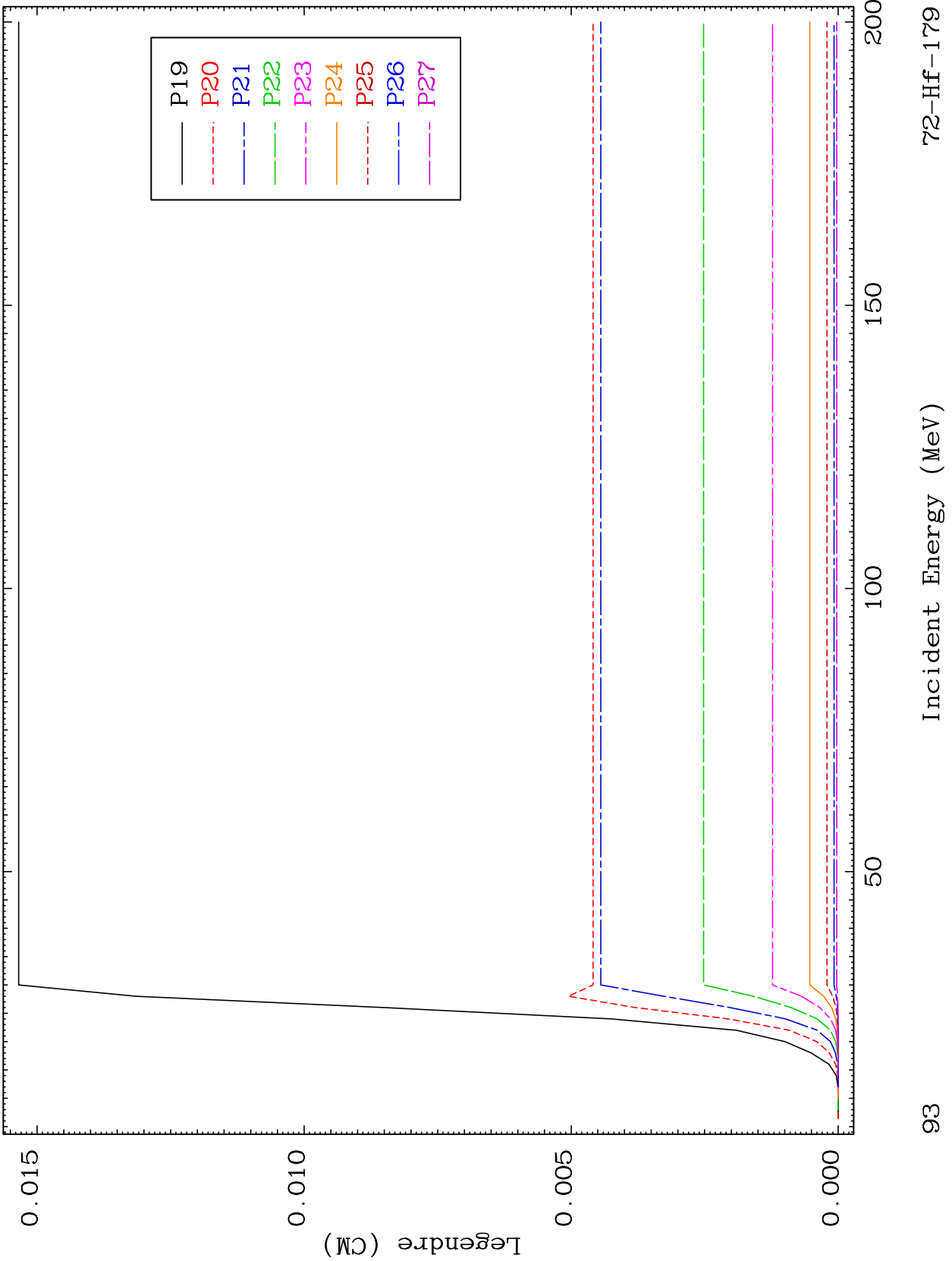
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 73 (n,n') Level  
Legendre Coefficients

72-Hf-179



93

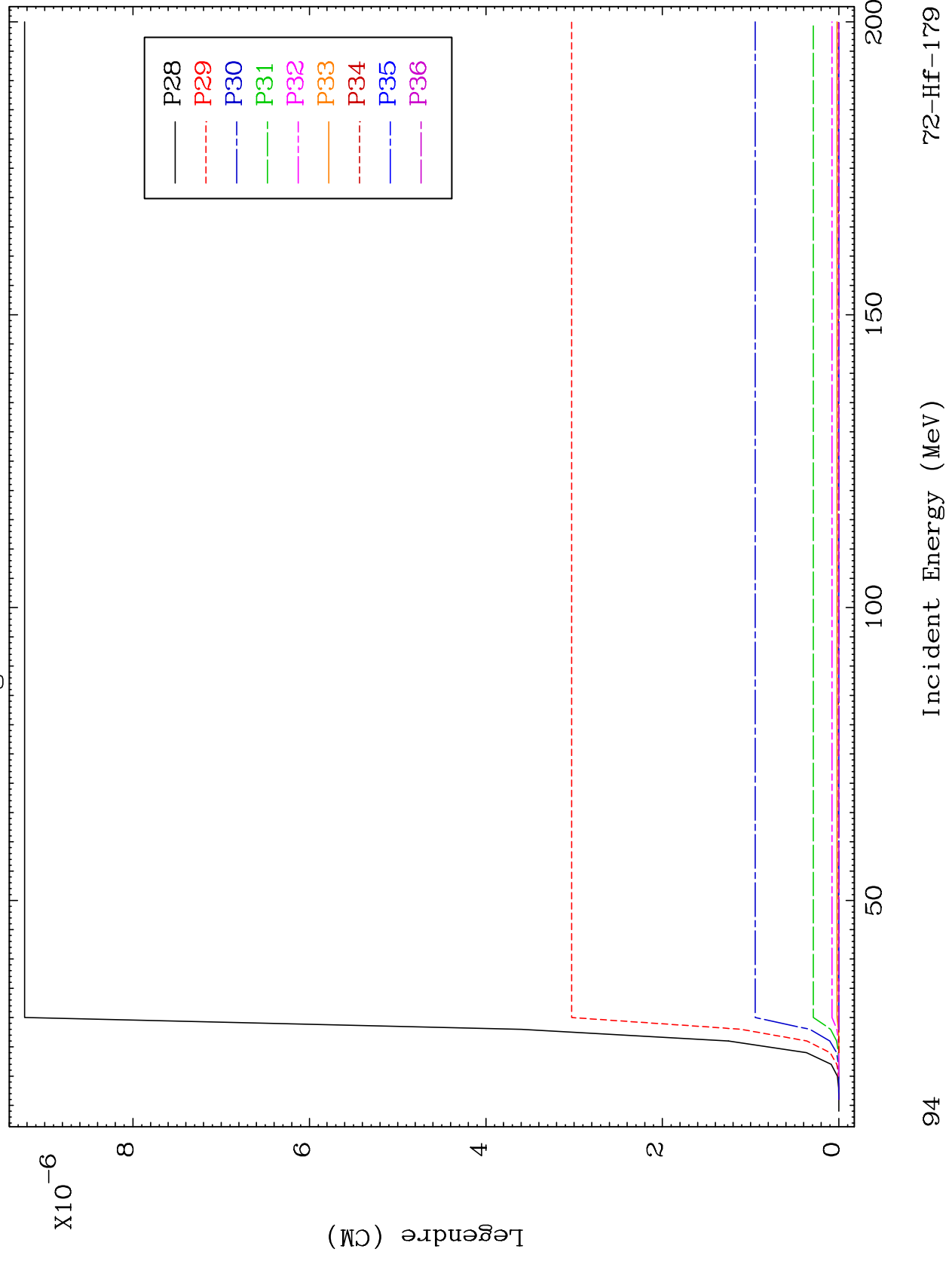
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 73 (n,n') Level  
Legendre Coefficients

72-Hf-179



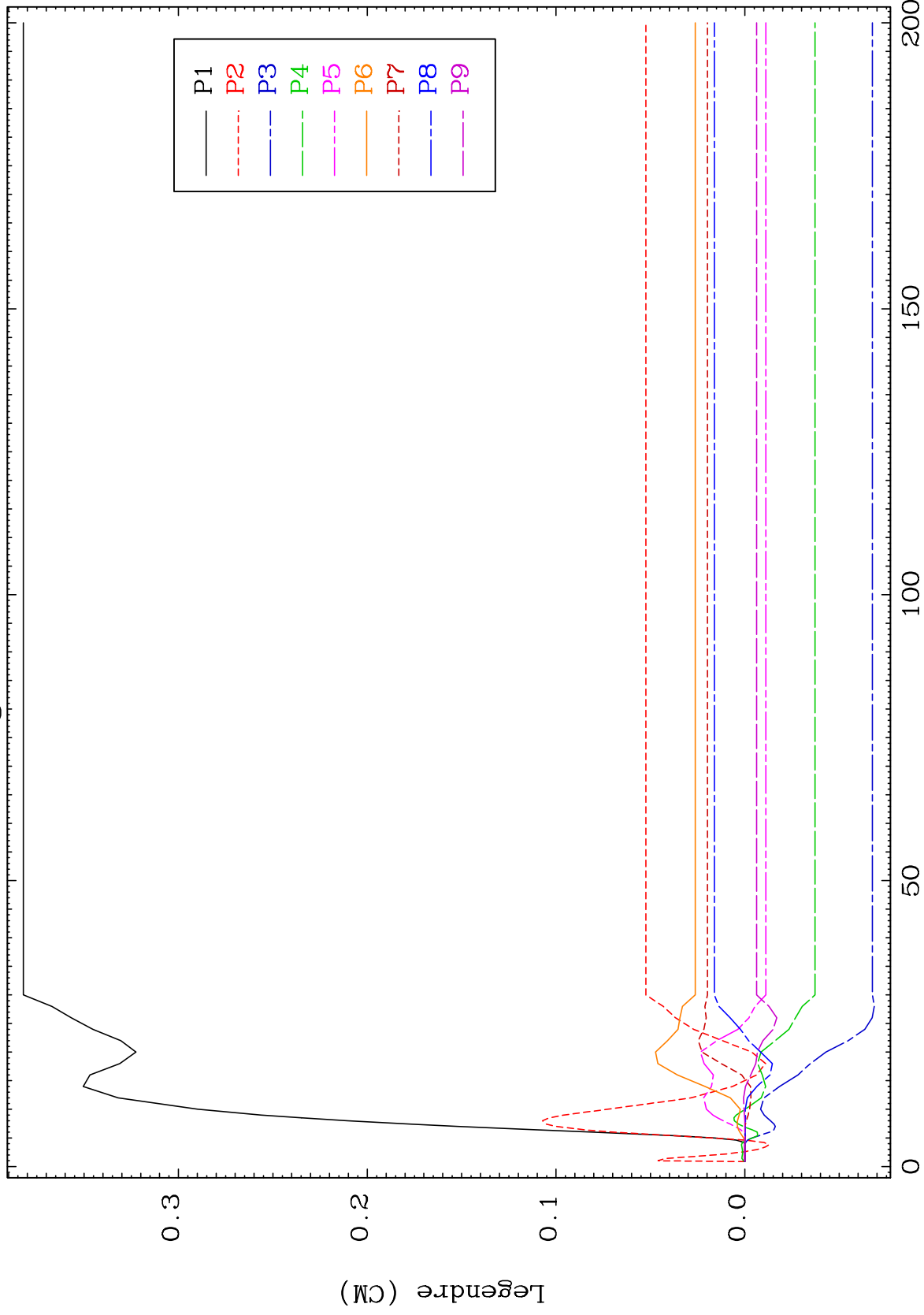
94

72-Hf-179

MAT 7240

MT= 74 (n,n') Level  
Legendre Coefficients

72-Hf-179



95

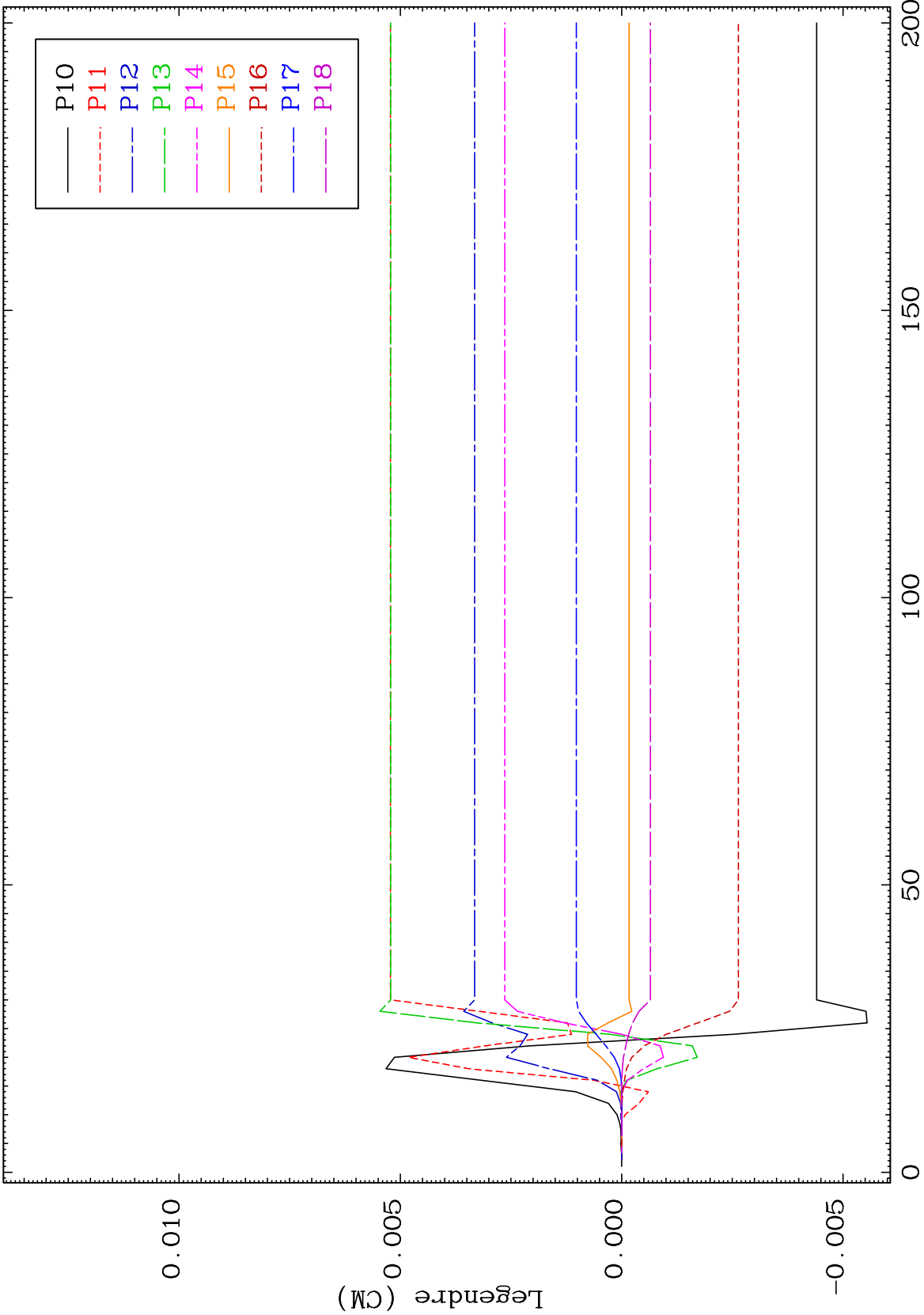
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 74 (n,n') Level  
Legendre Coefficients

72-Hf-179



96

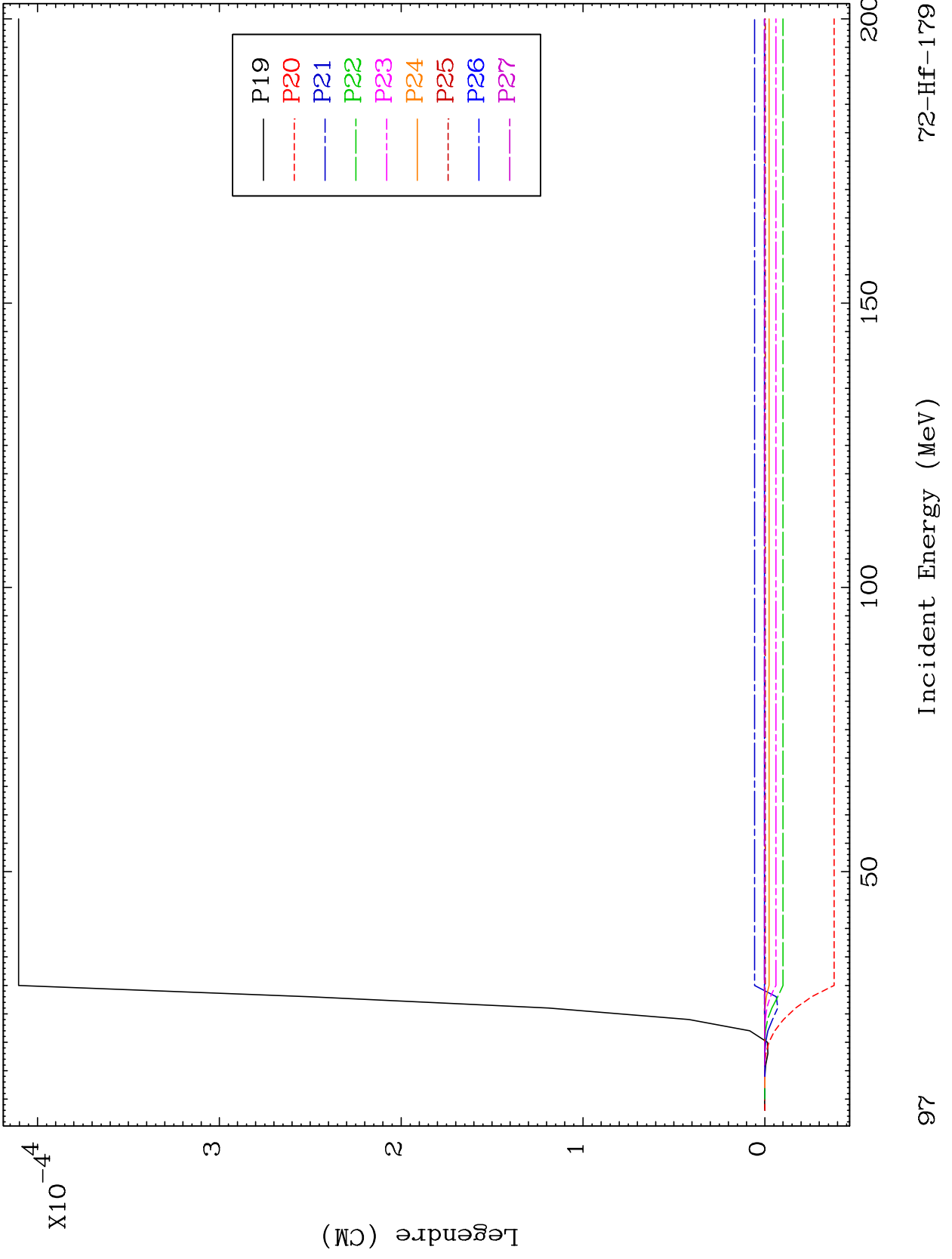
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 74 (n,n') Level  
Legendre Coefficients

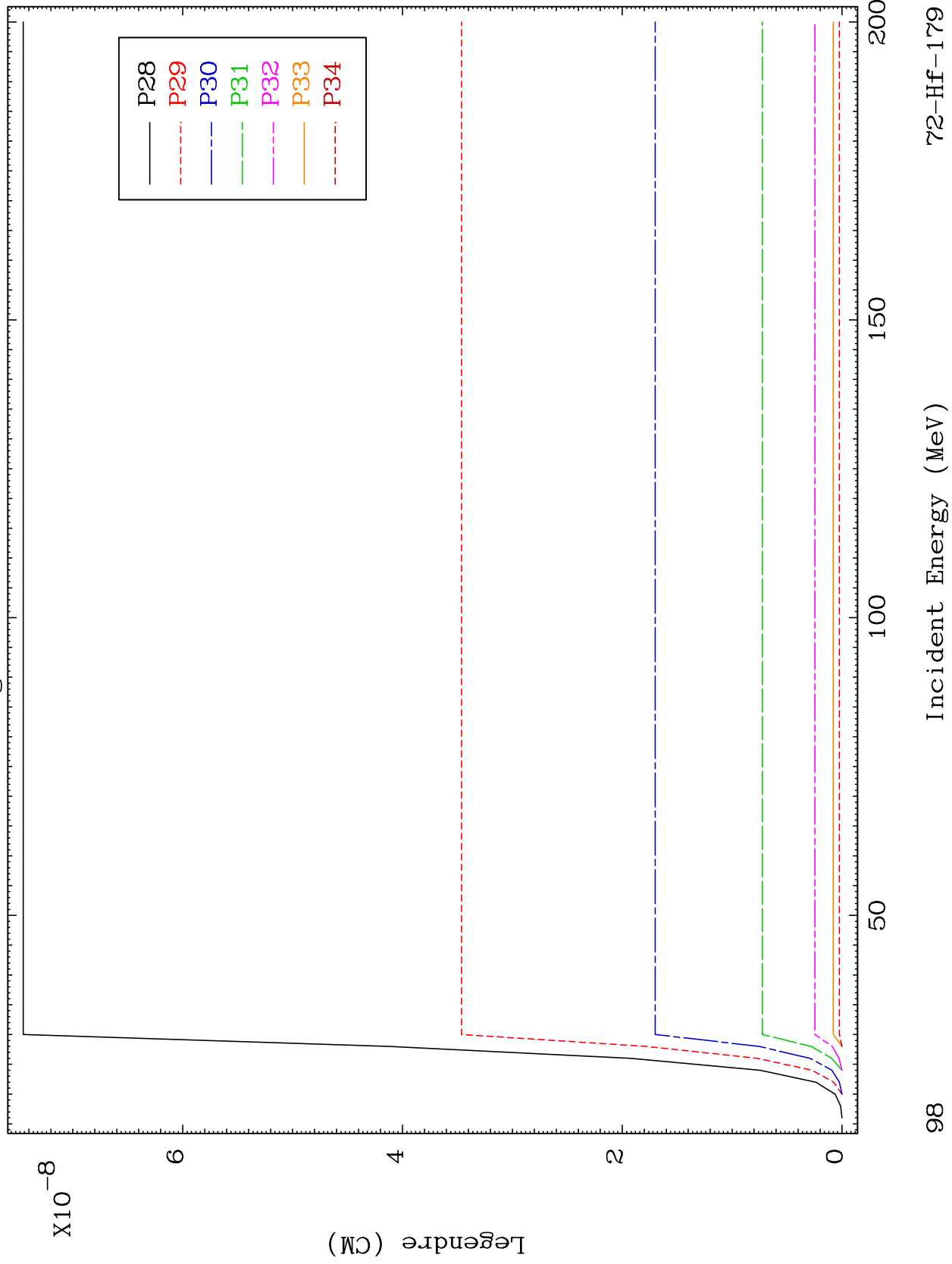
72-Hf-179

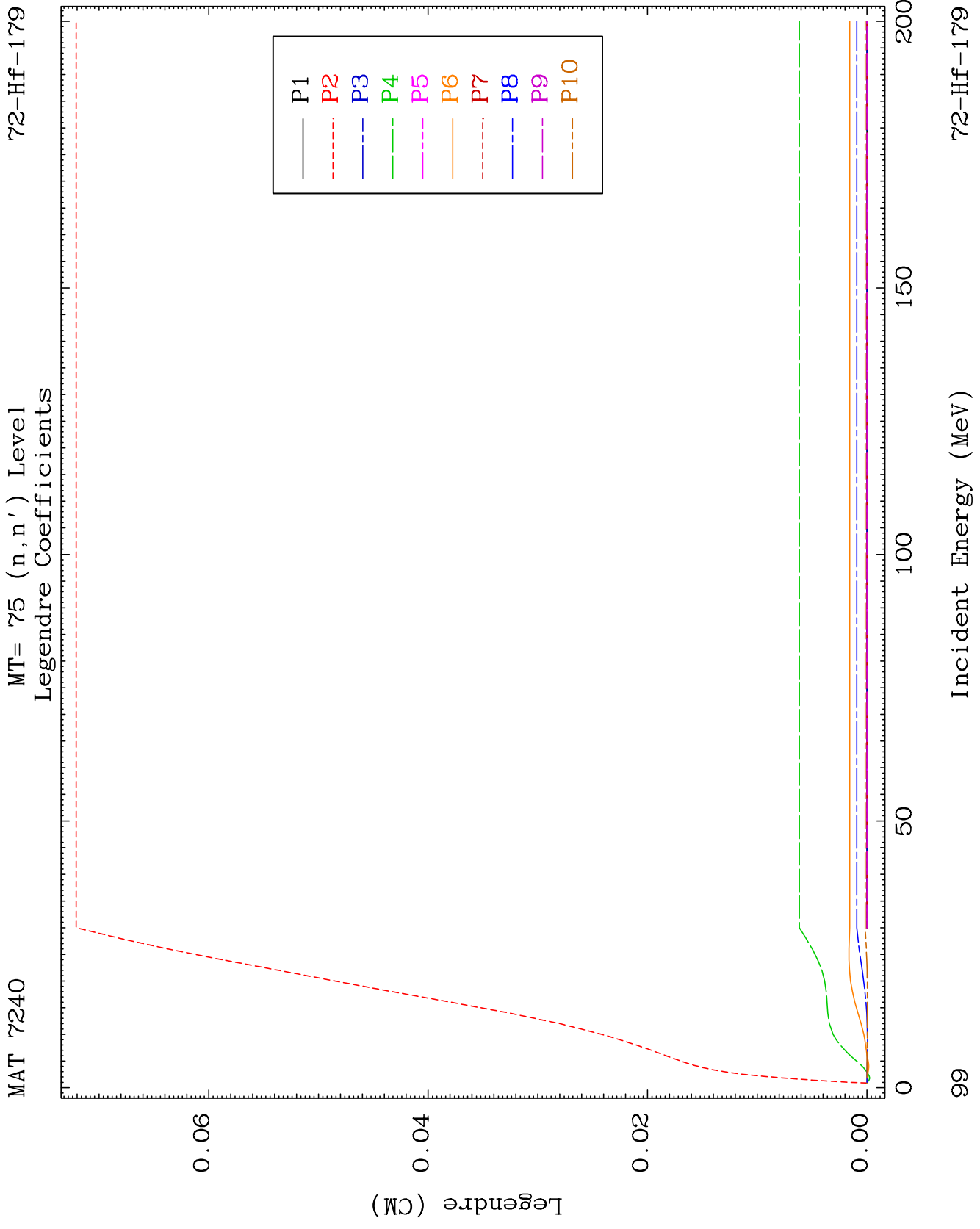


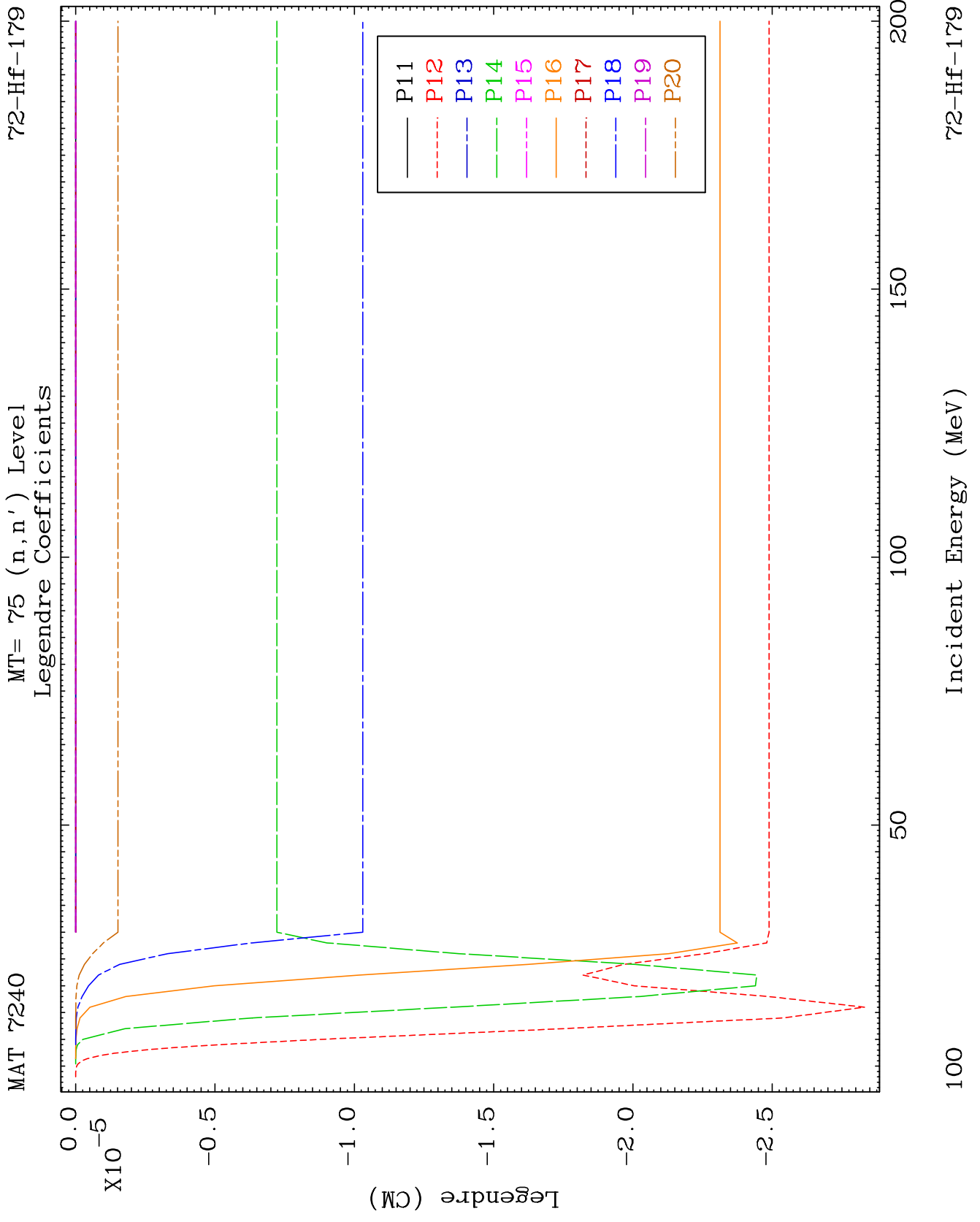
MAT 7240

MT= 74 (n,n') Level  
Legendre Coefficients

72-Hf-179





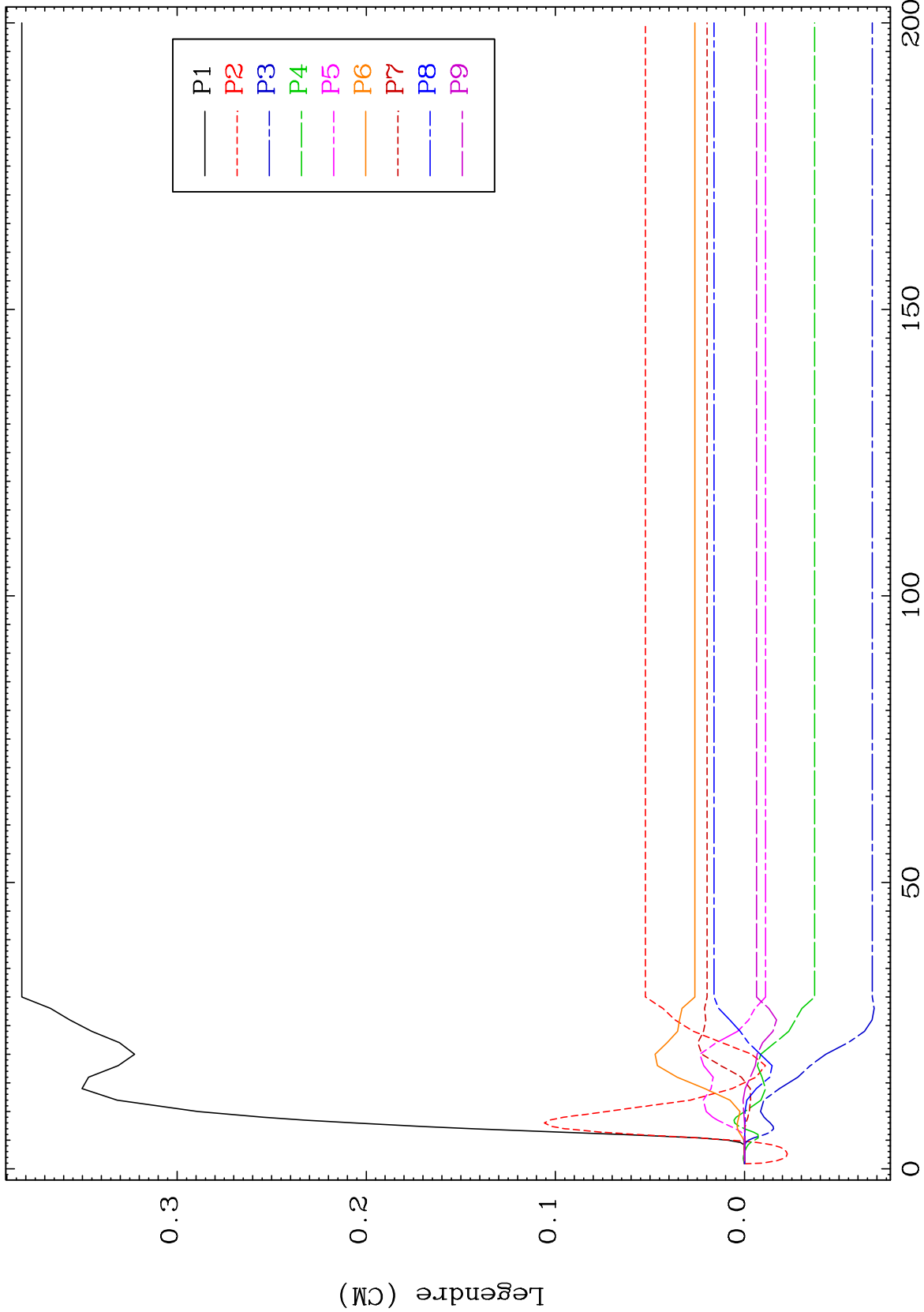




MAT 7240

MT= 76 (n,n') Level  
Legendre Coefficients

72-Hf-179



102

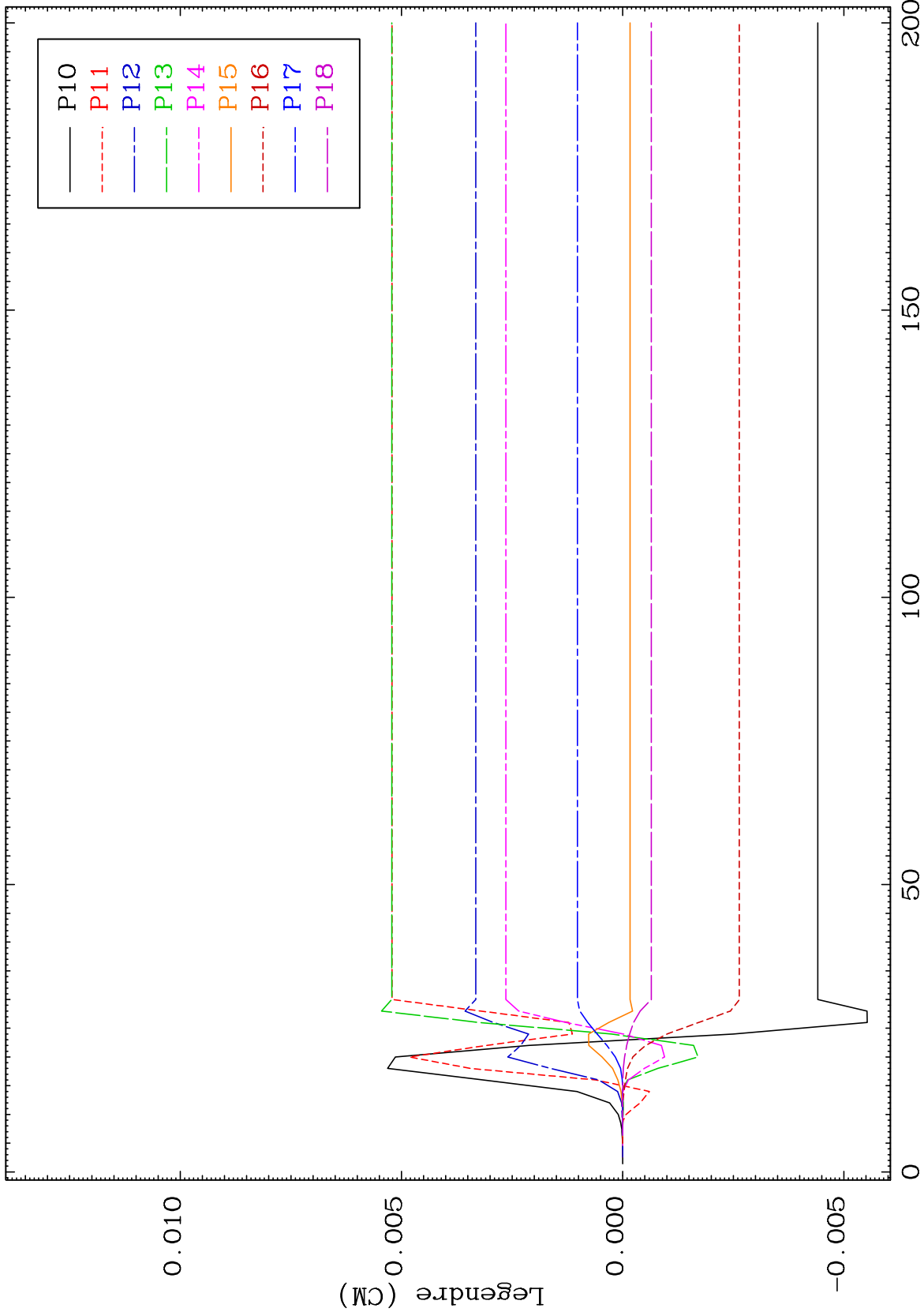
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 76 (n,n') Level  
Legendre Coefficients

72-Hf-179



103

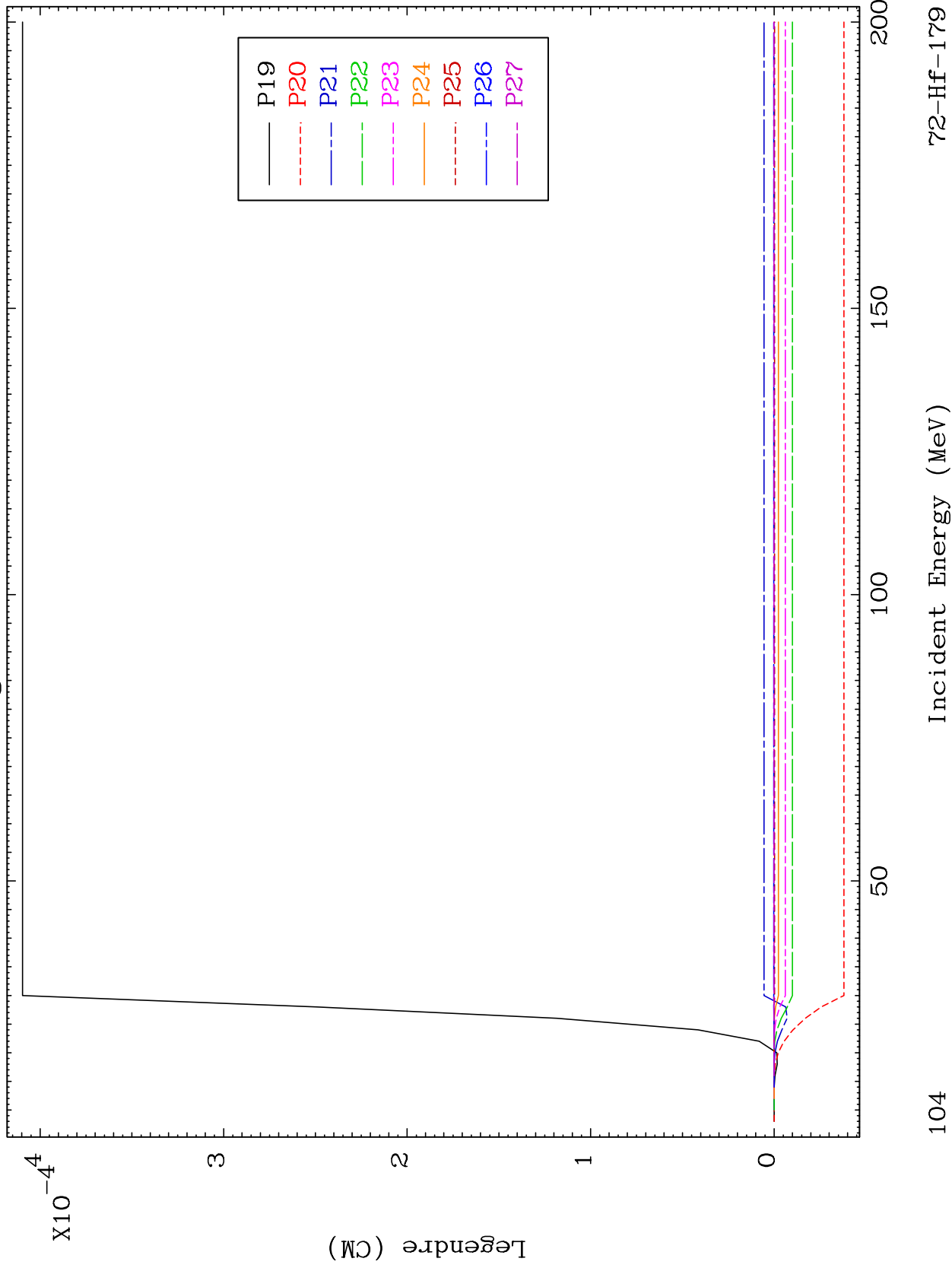
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 76 (n,n') Level  
Legendre Coefficients

72-Hf-179



104

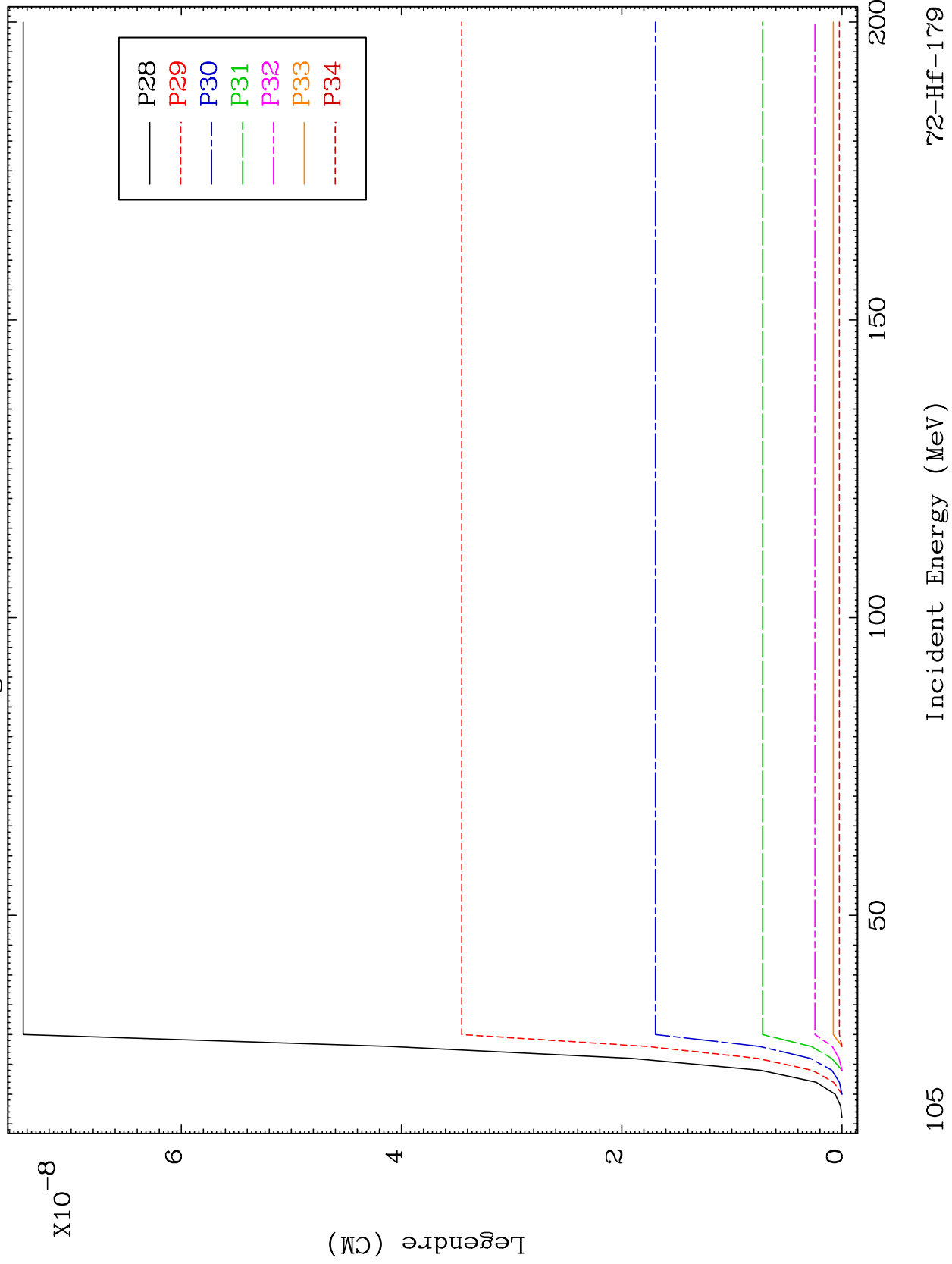
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 76 (n,n') Level  
Legendre Coefficients

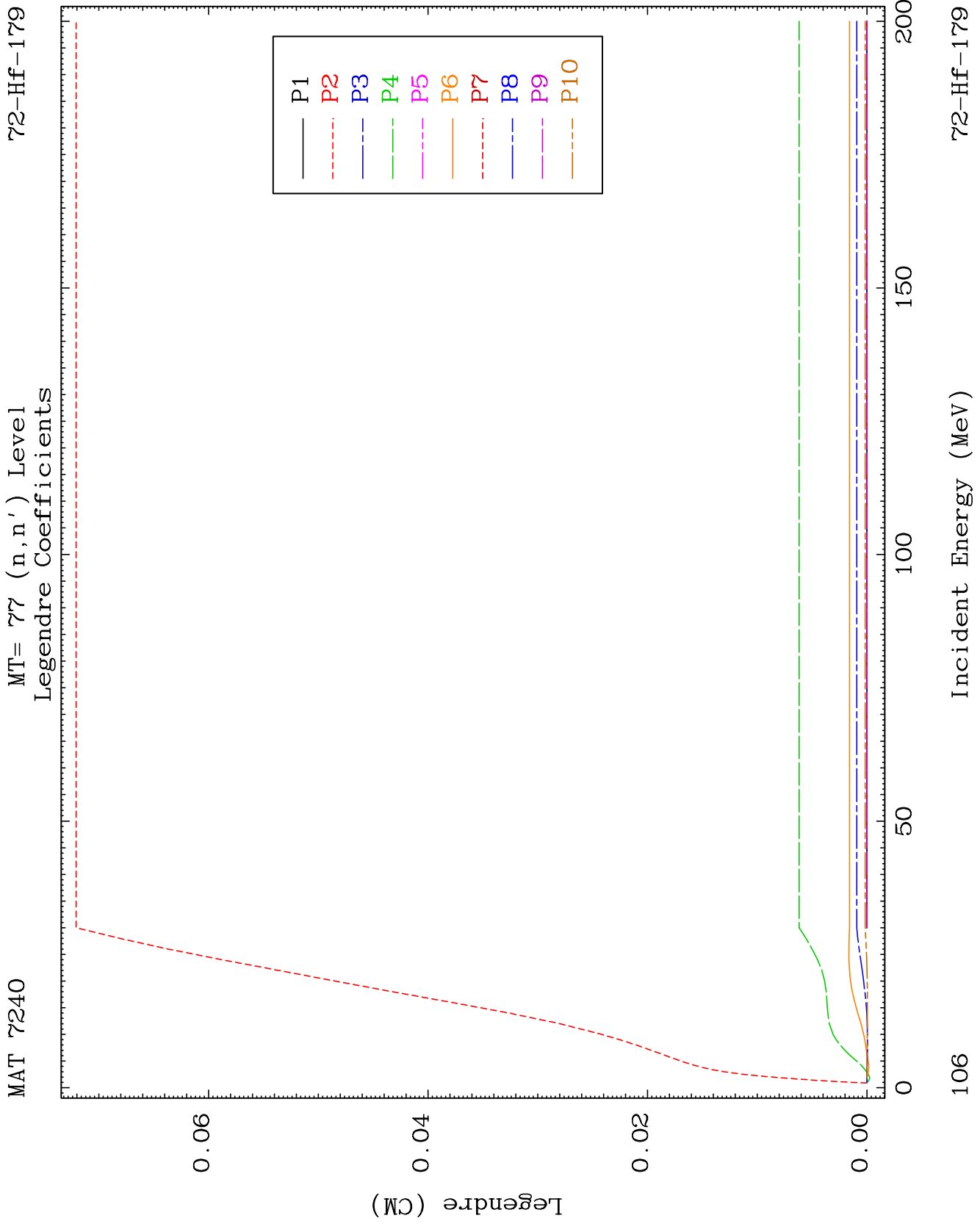
72-Hf-179

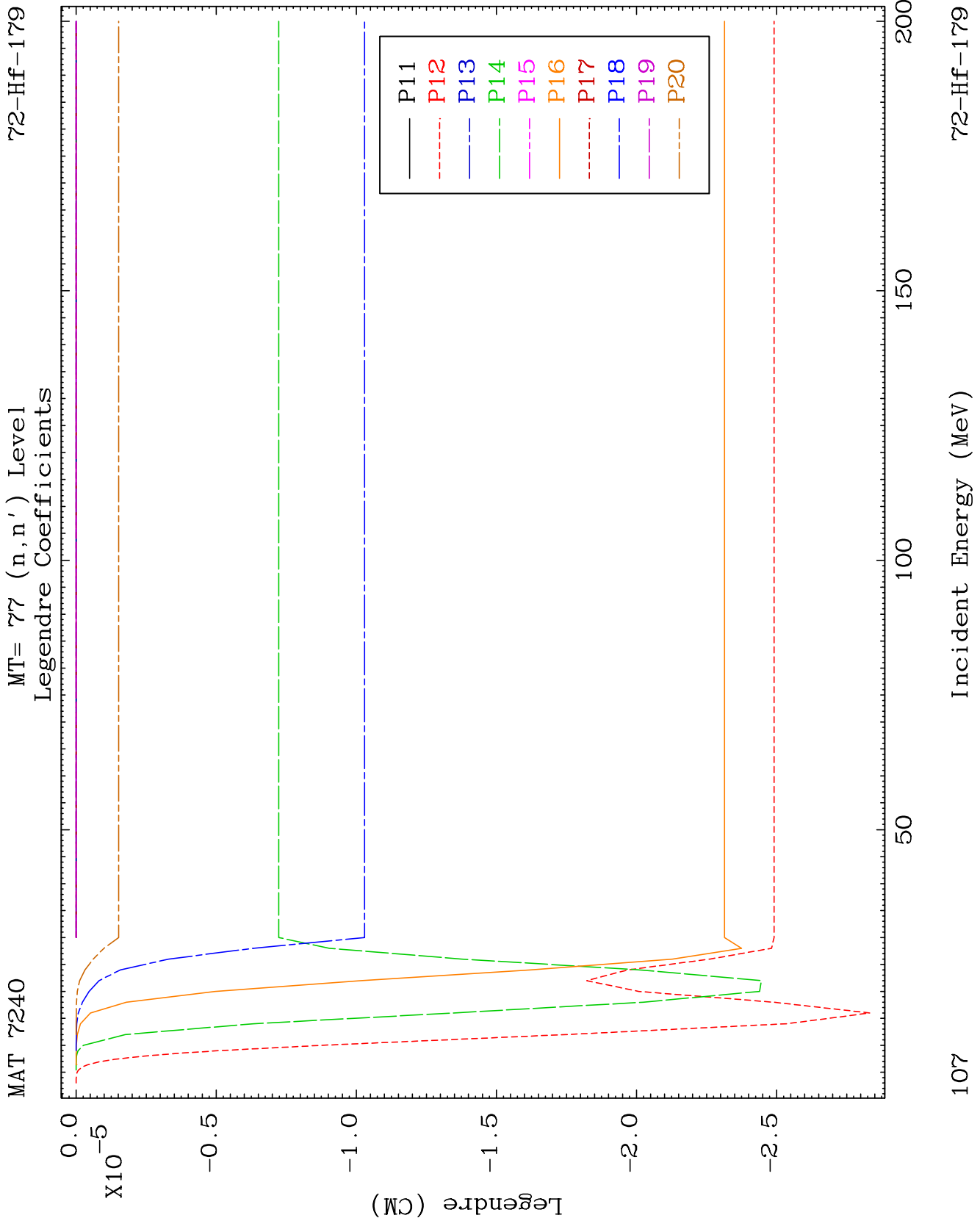


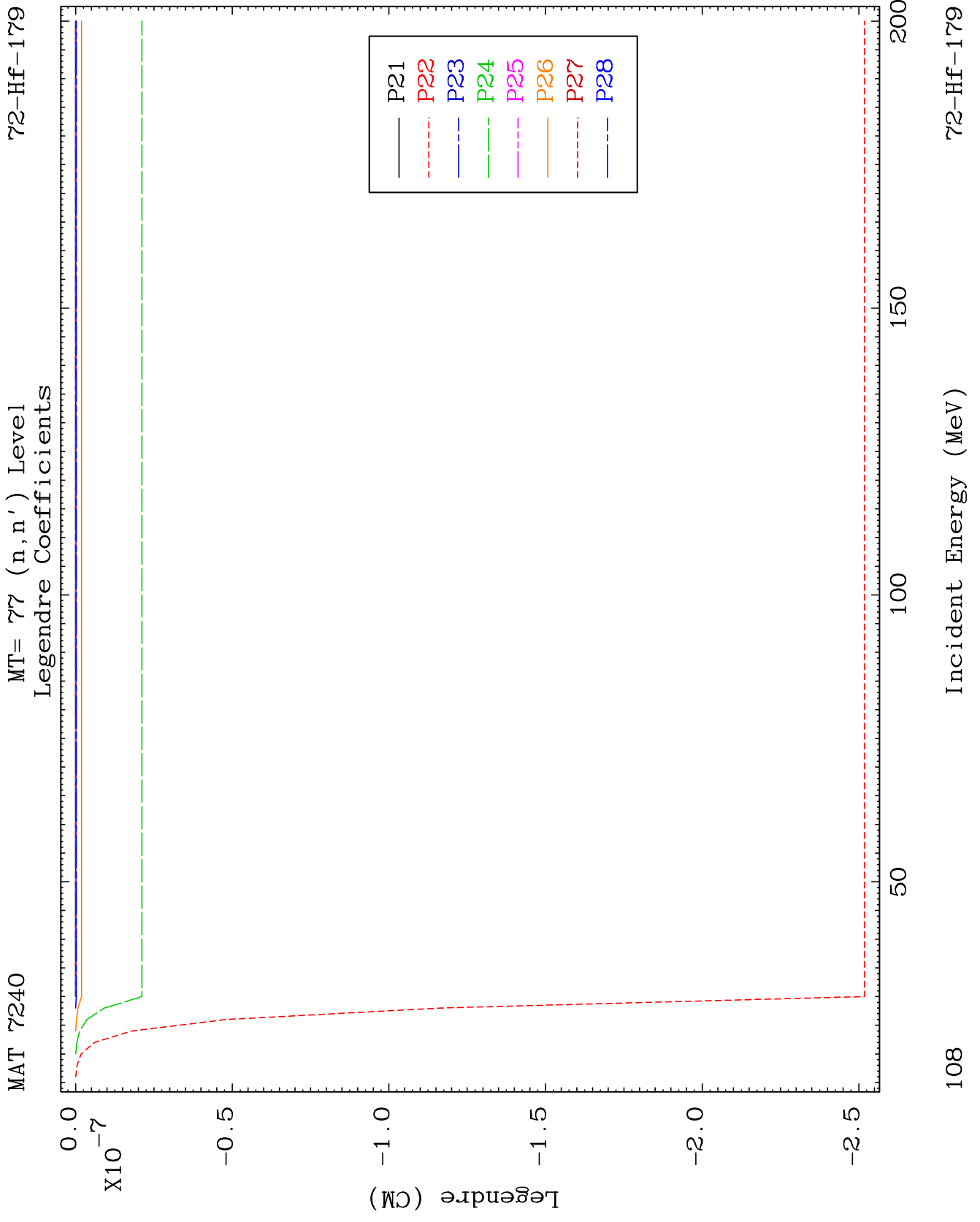
72-Hf-179

Incident Energy (MeV)

105

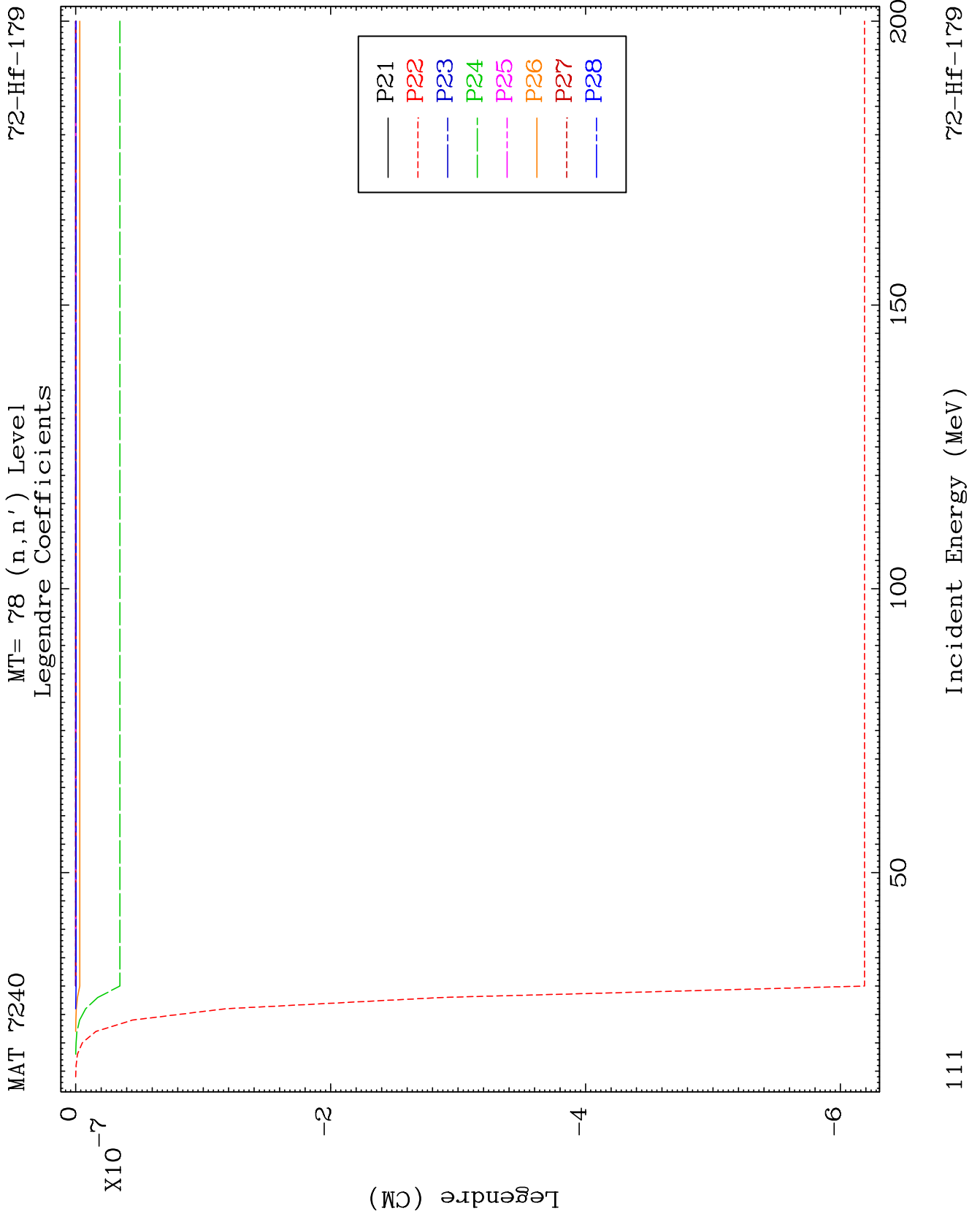








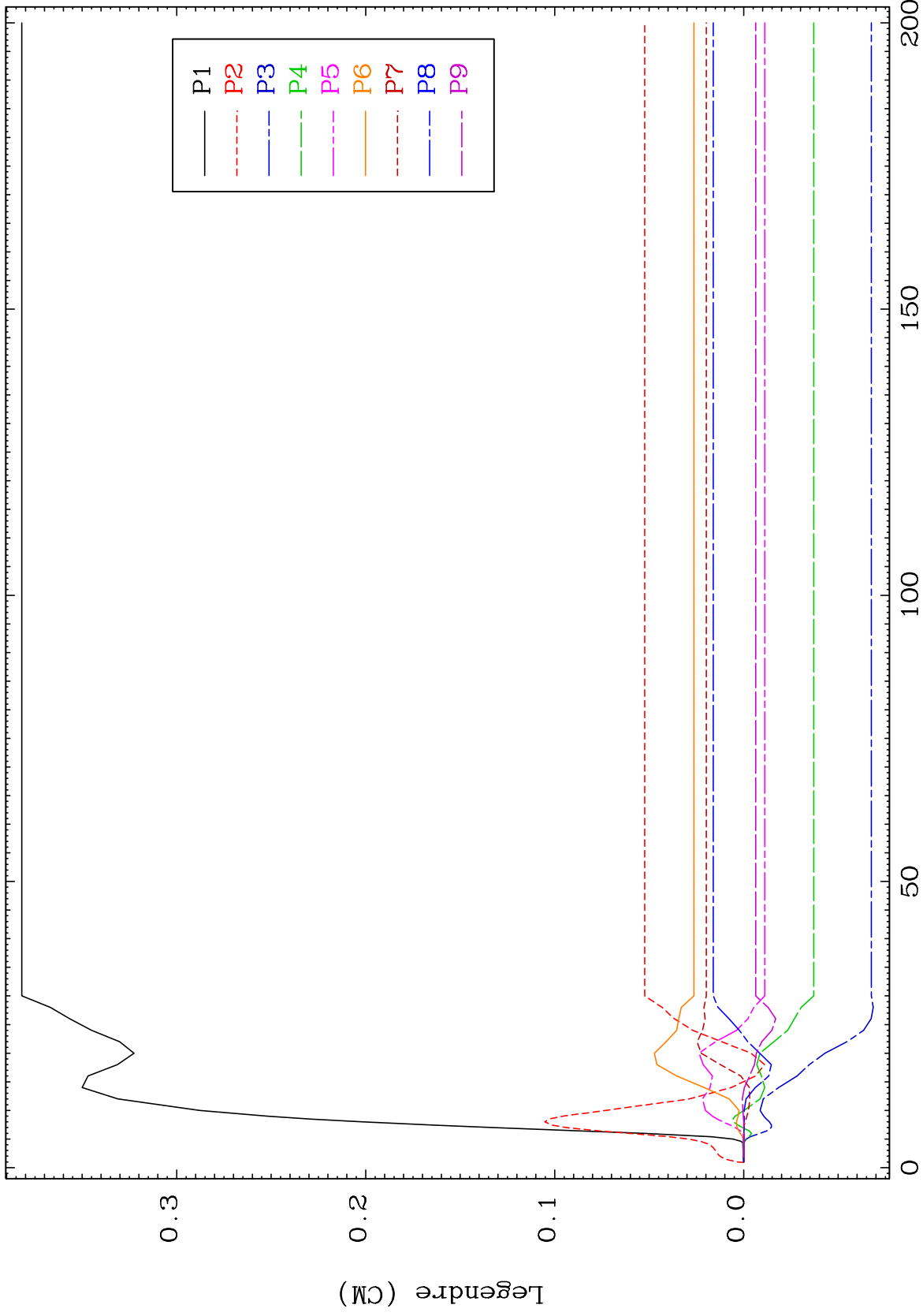




MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



112

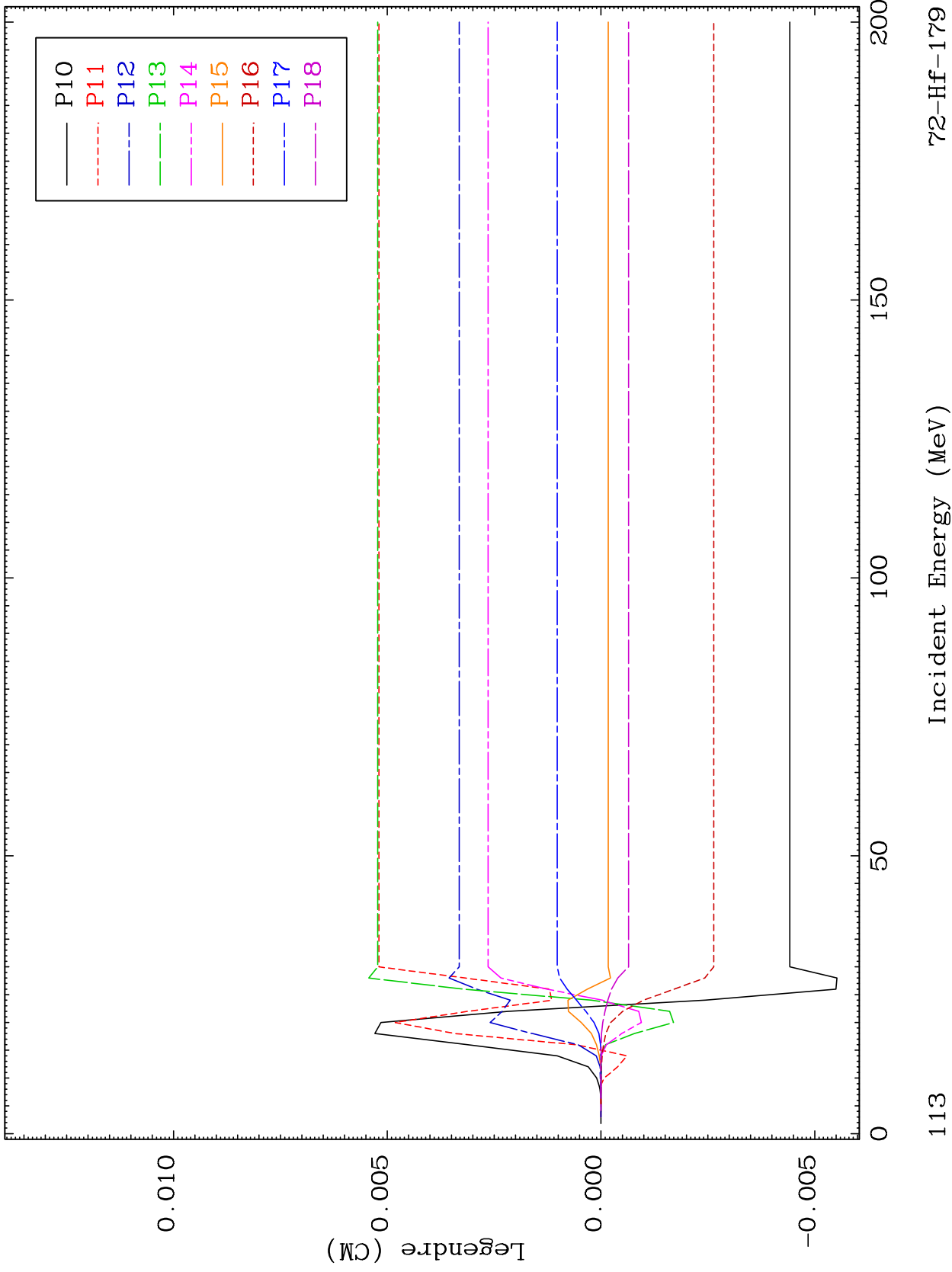
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



113

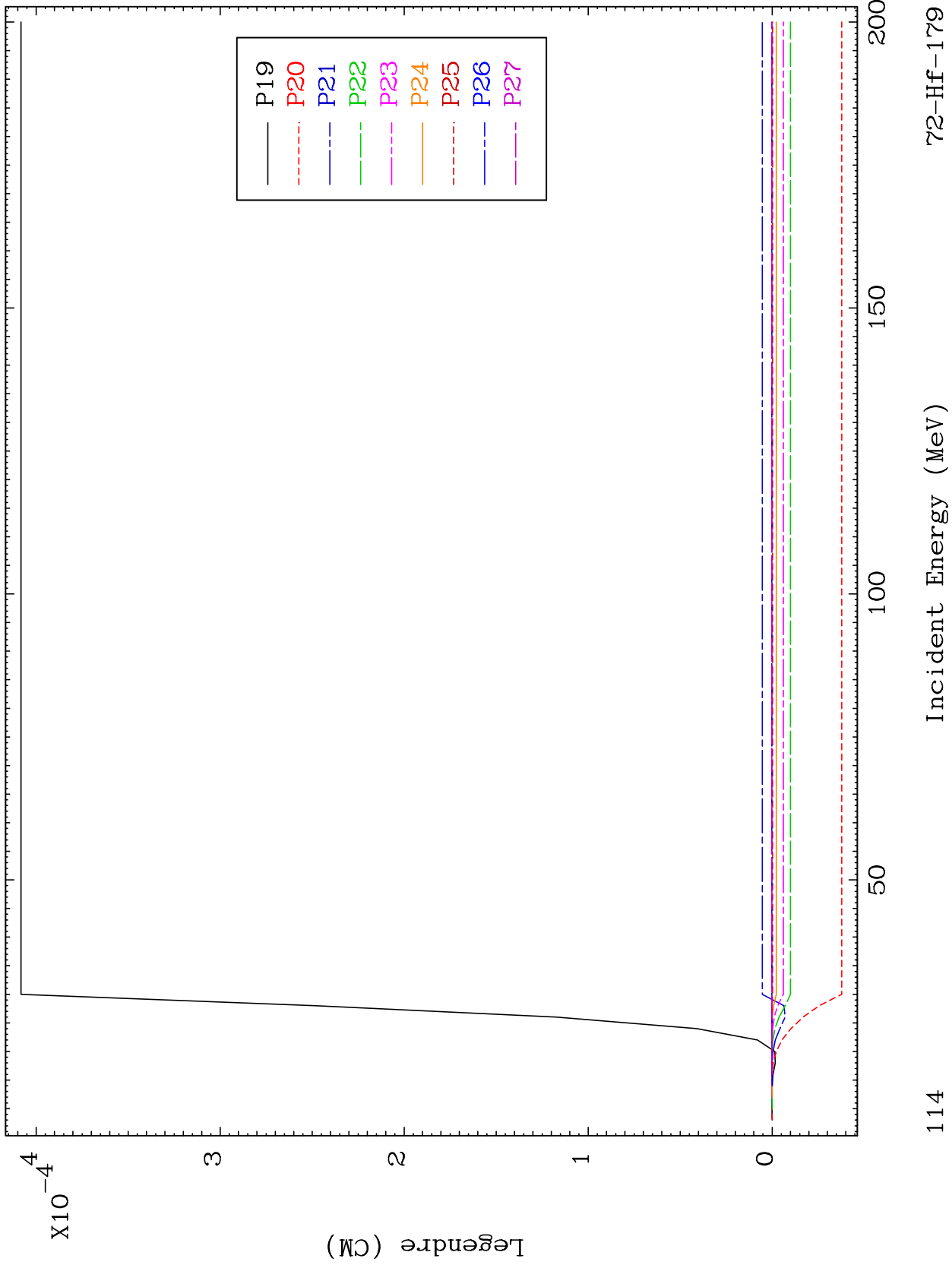
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



114

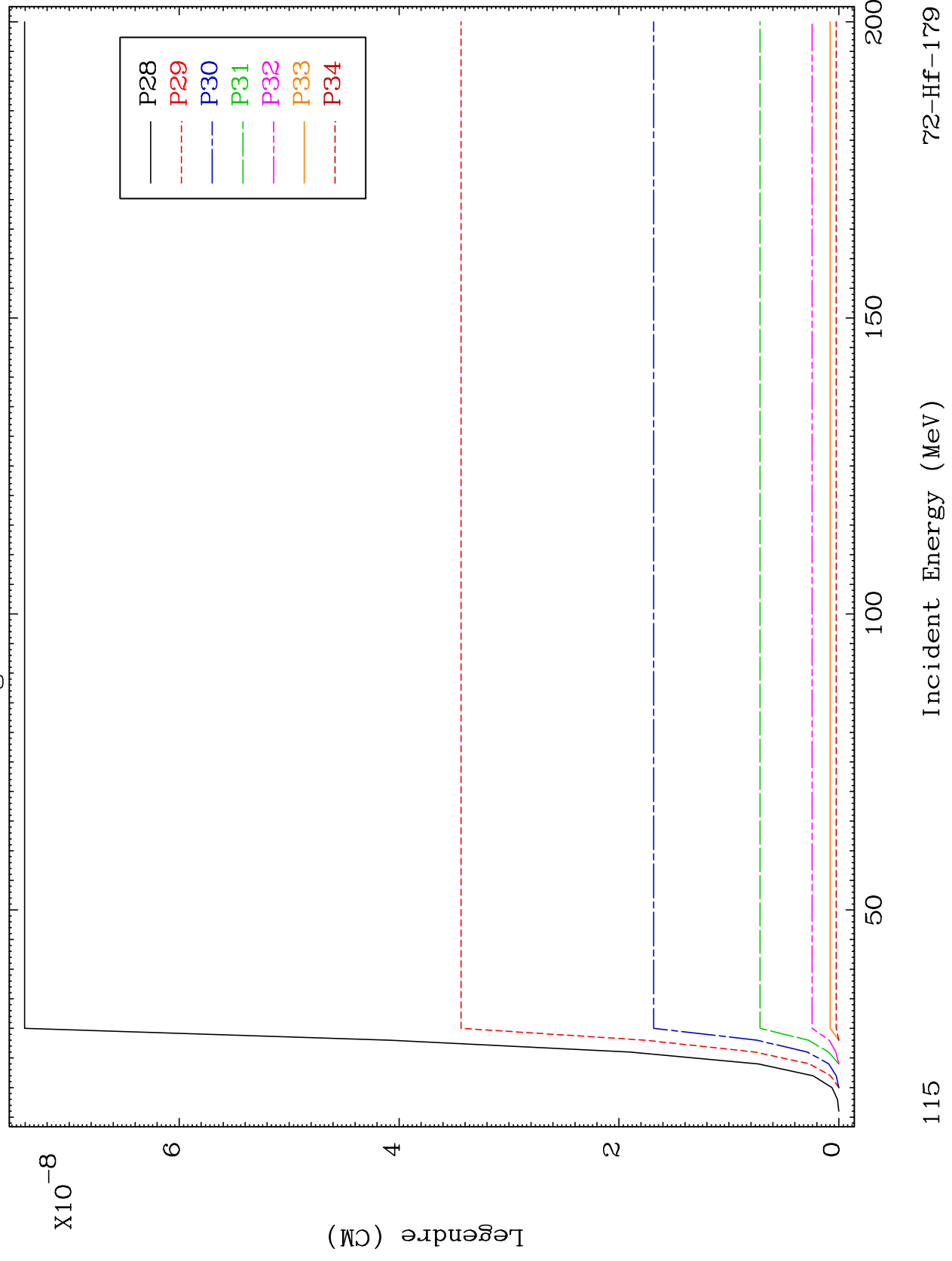
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



72-Hf-179

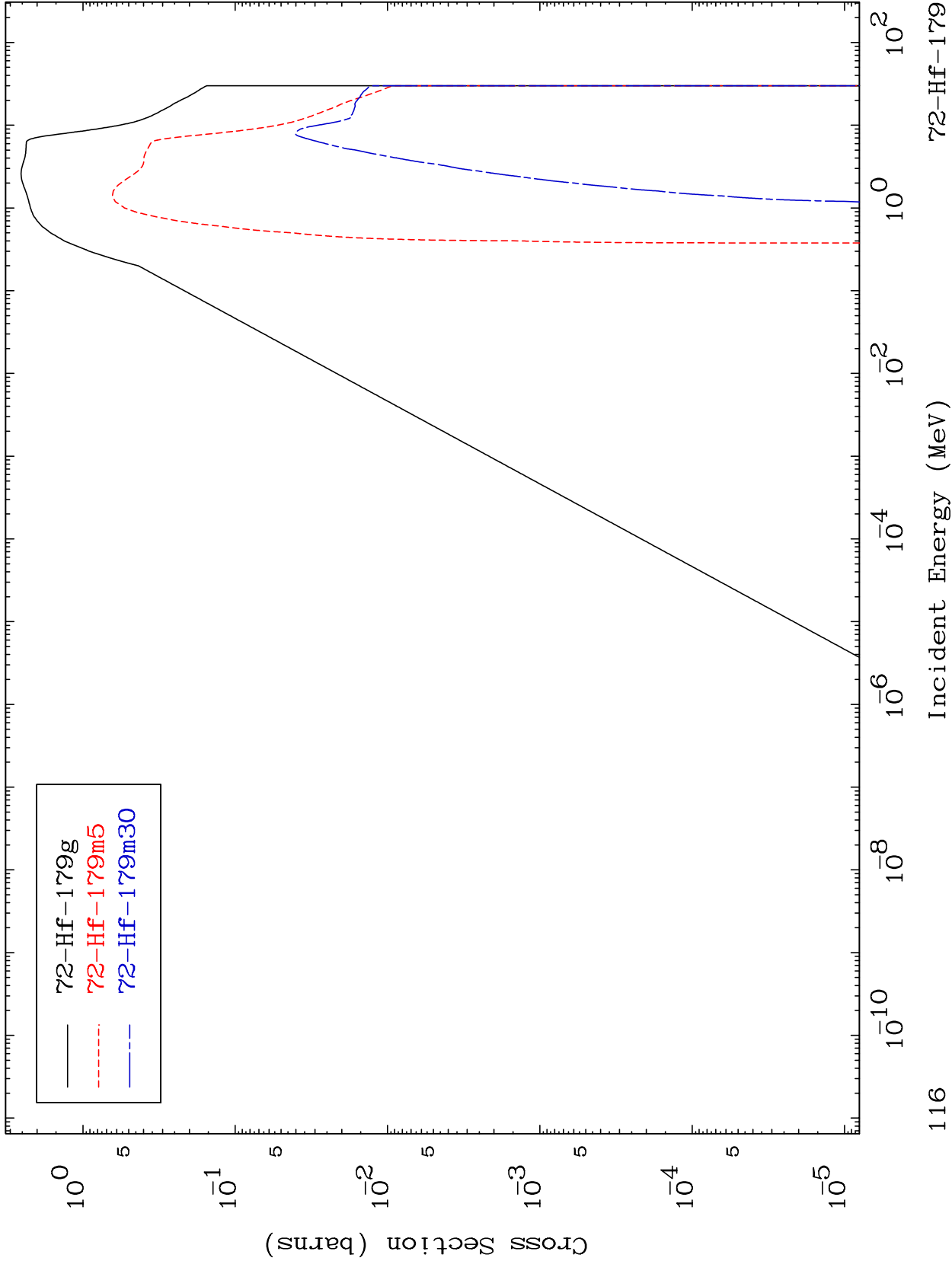
Incident Energy (MeV)

115

MAT 7240

Inelastic  
Radionuclide Production Cross Section

72-Hf-179



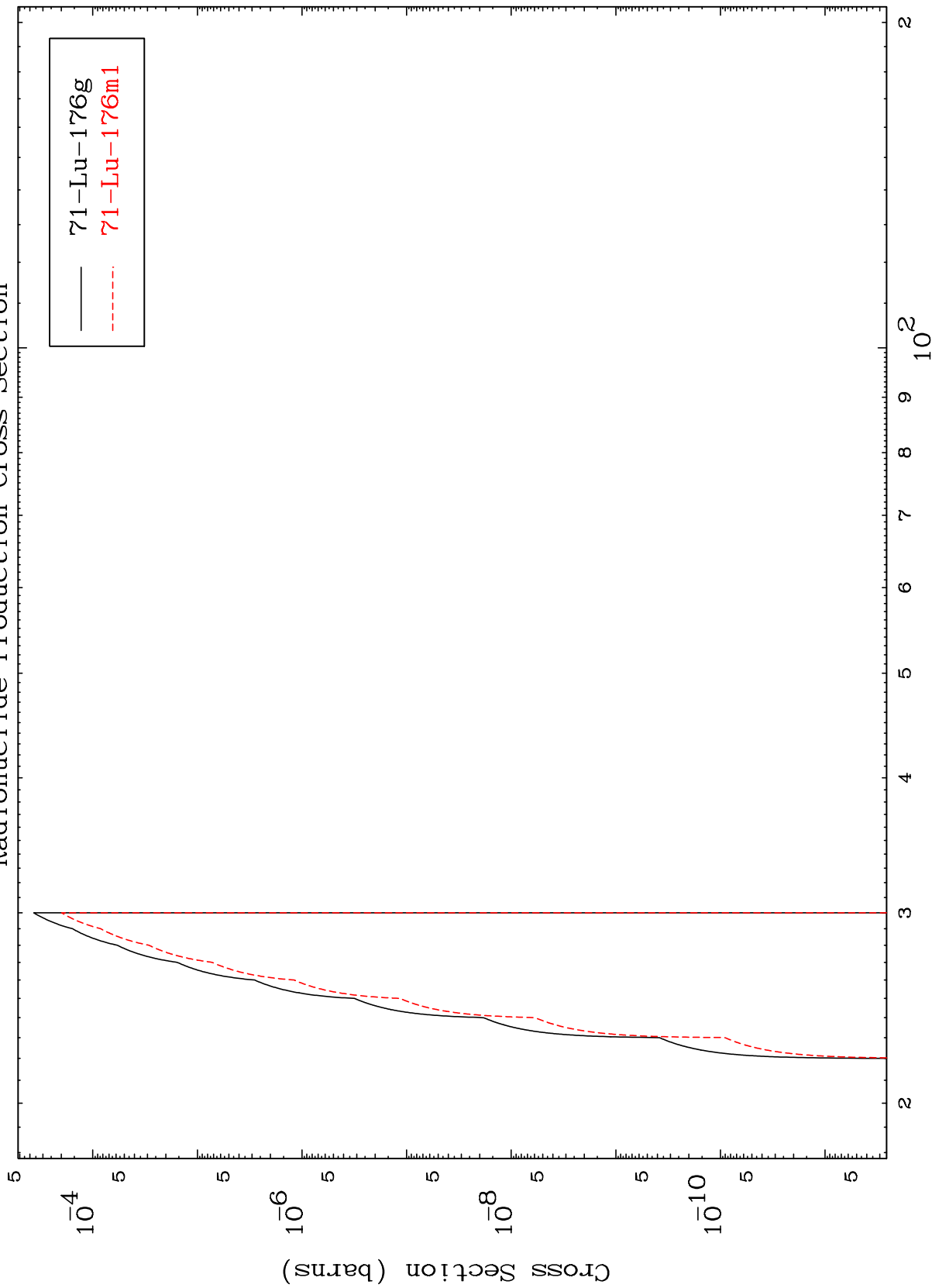
72-Hf-179g  
72-Hf-179m5  
72-Hf-179m30

MAT 7240

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section

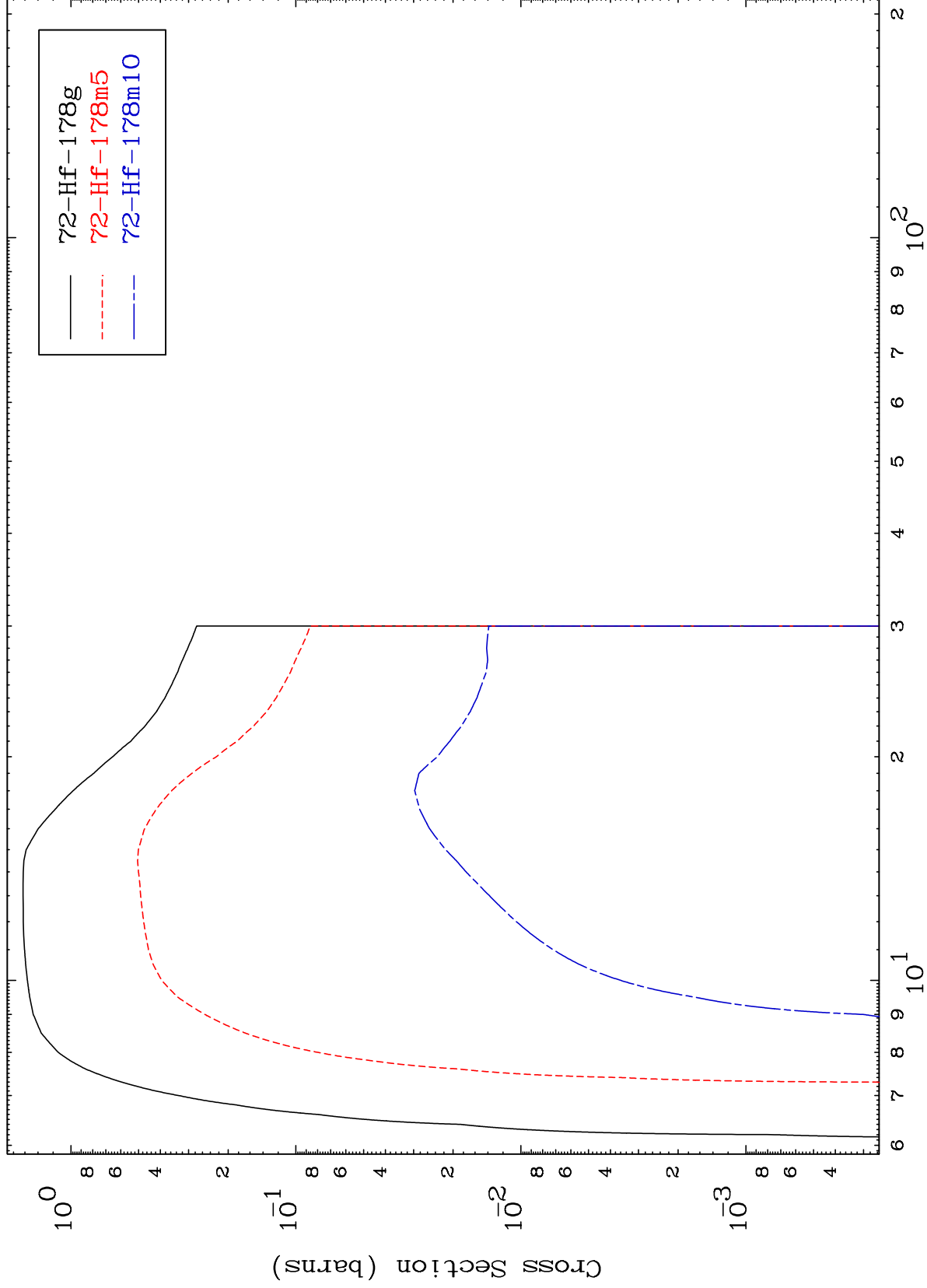


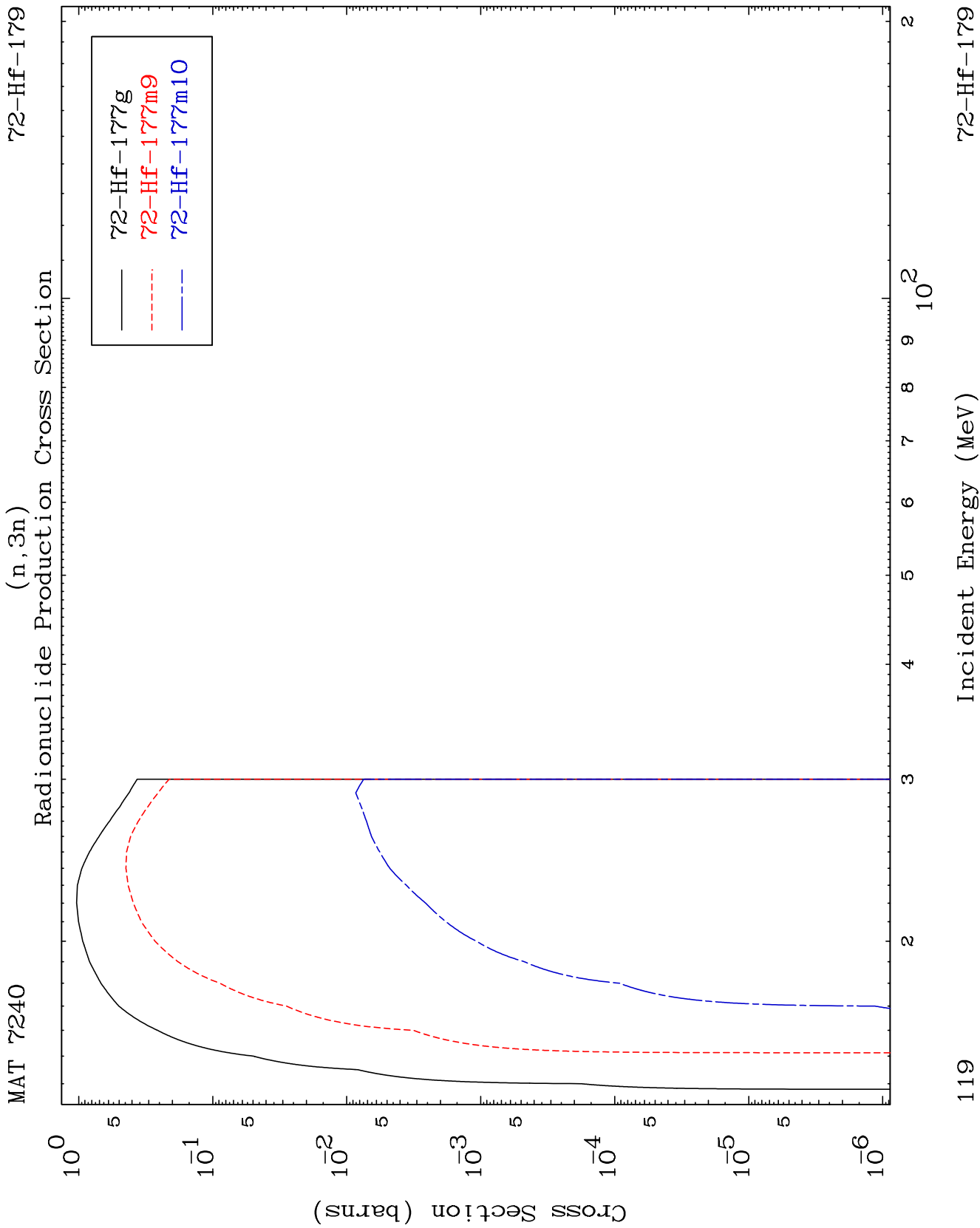
117

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section



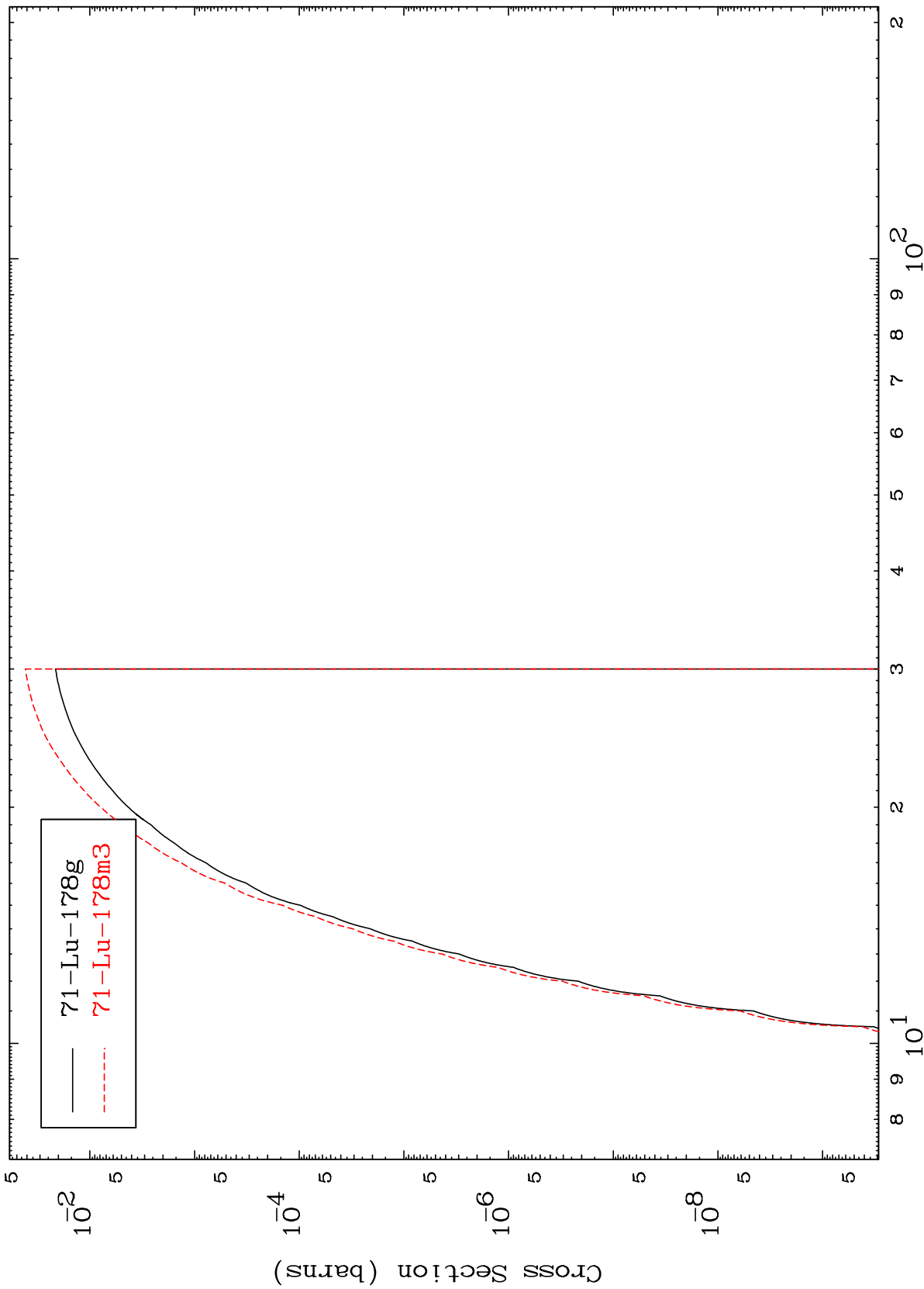


MAT 7240

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



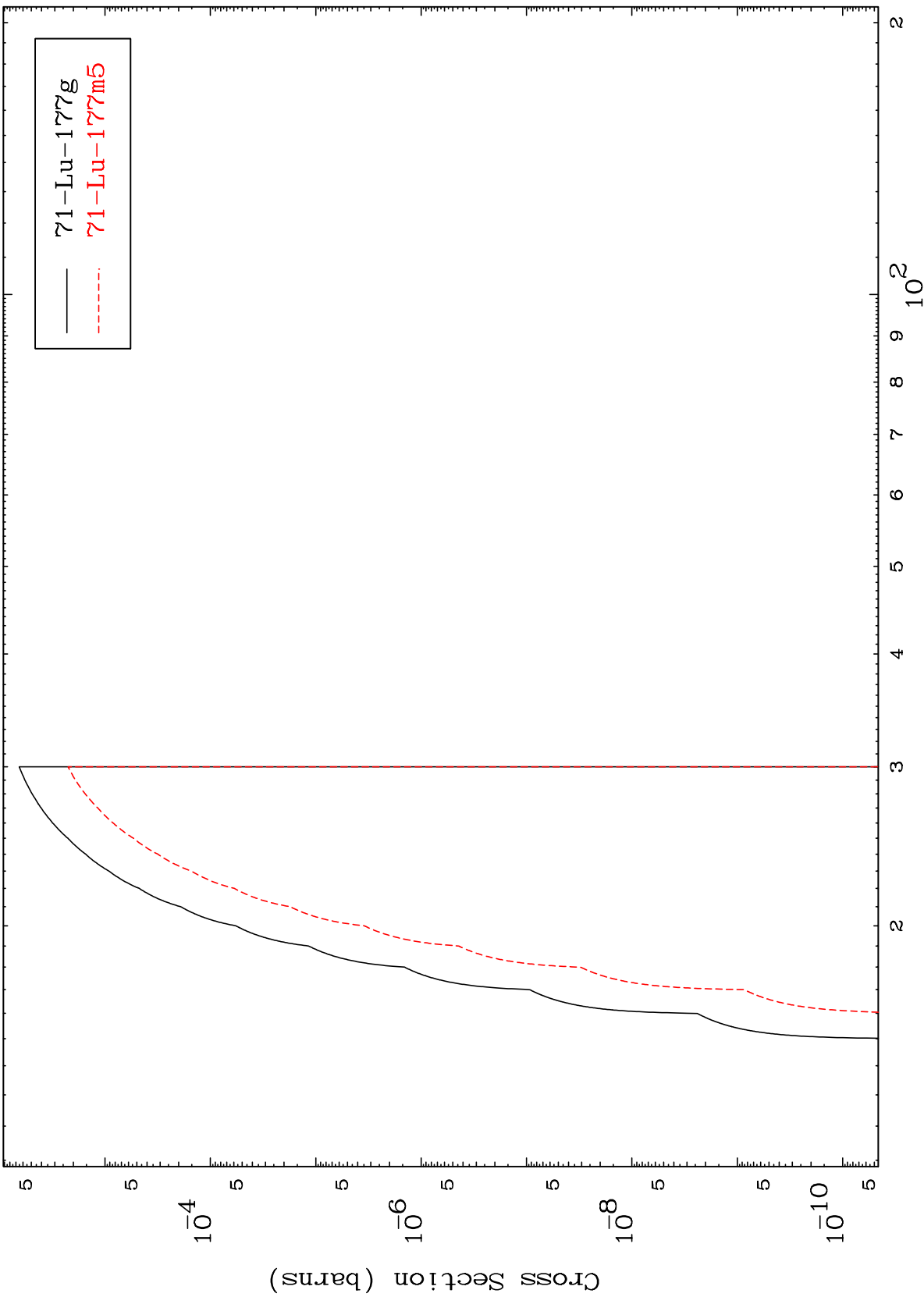
71-Lu-178g  
71-Lu-178m3

120

Incident Energy (MeV)

72-Hf-179

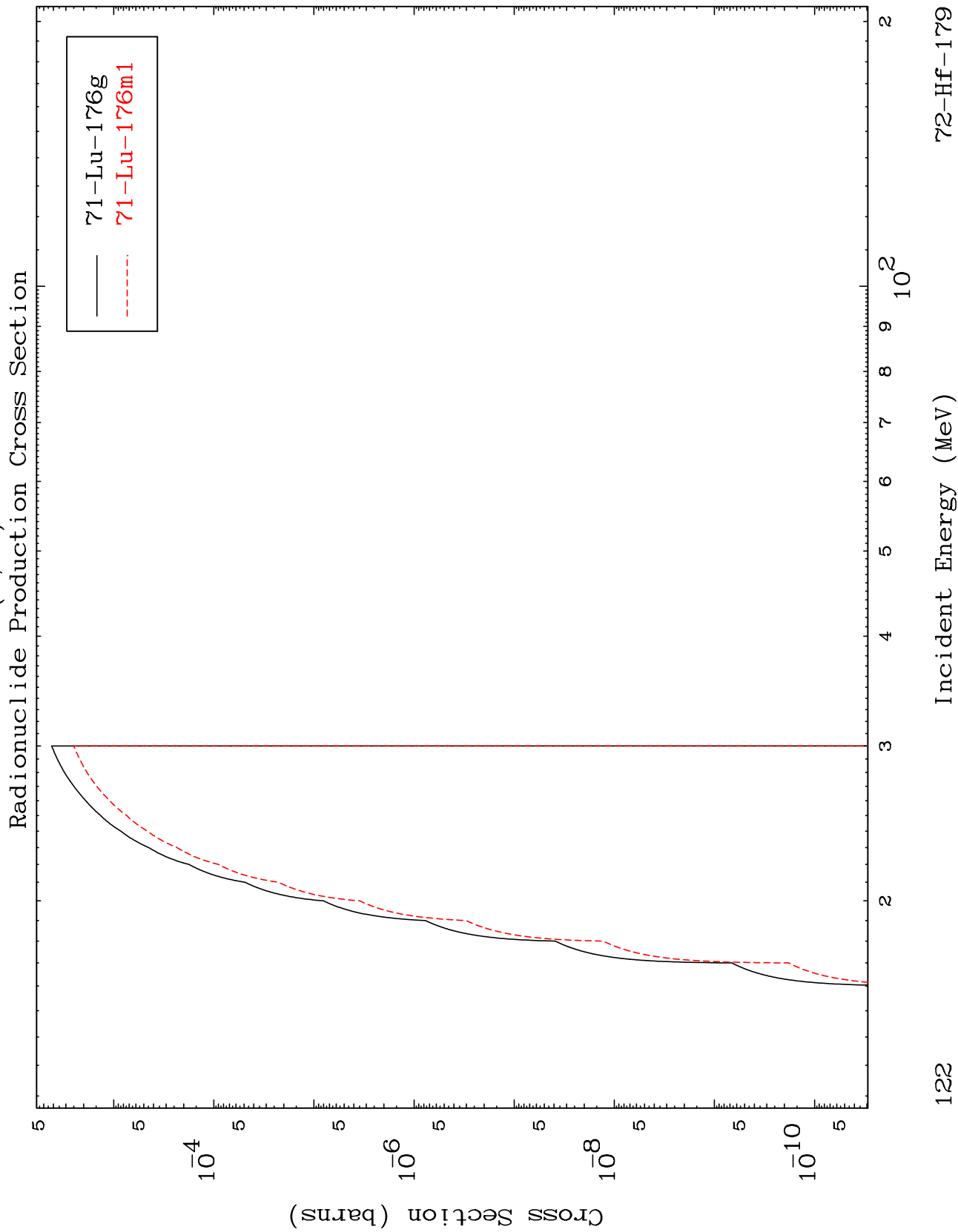
Radionuclide Production Cross Section



MAT 7240

(n,n') t

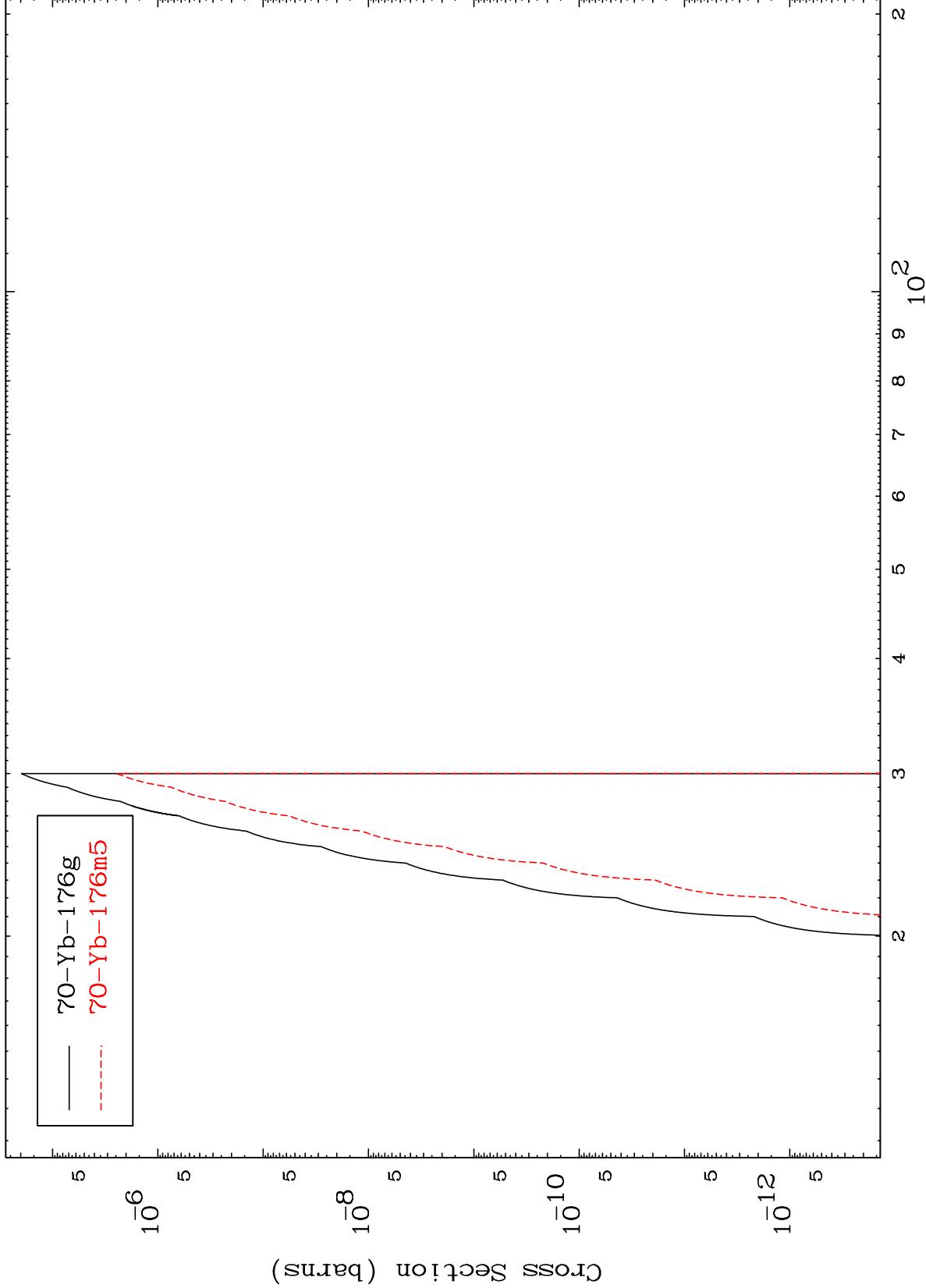
72-Hf-179



122

72-Hf-179

Radionuclide Production Cross Section

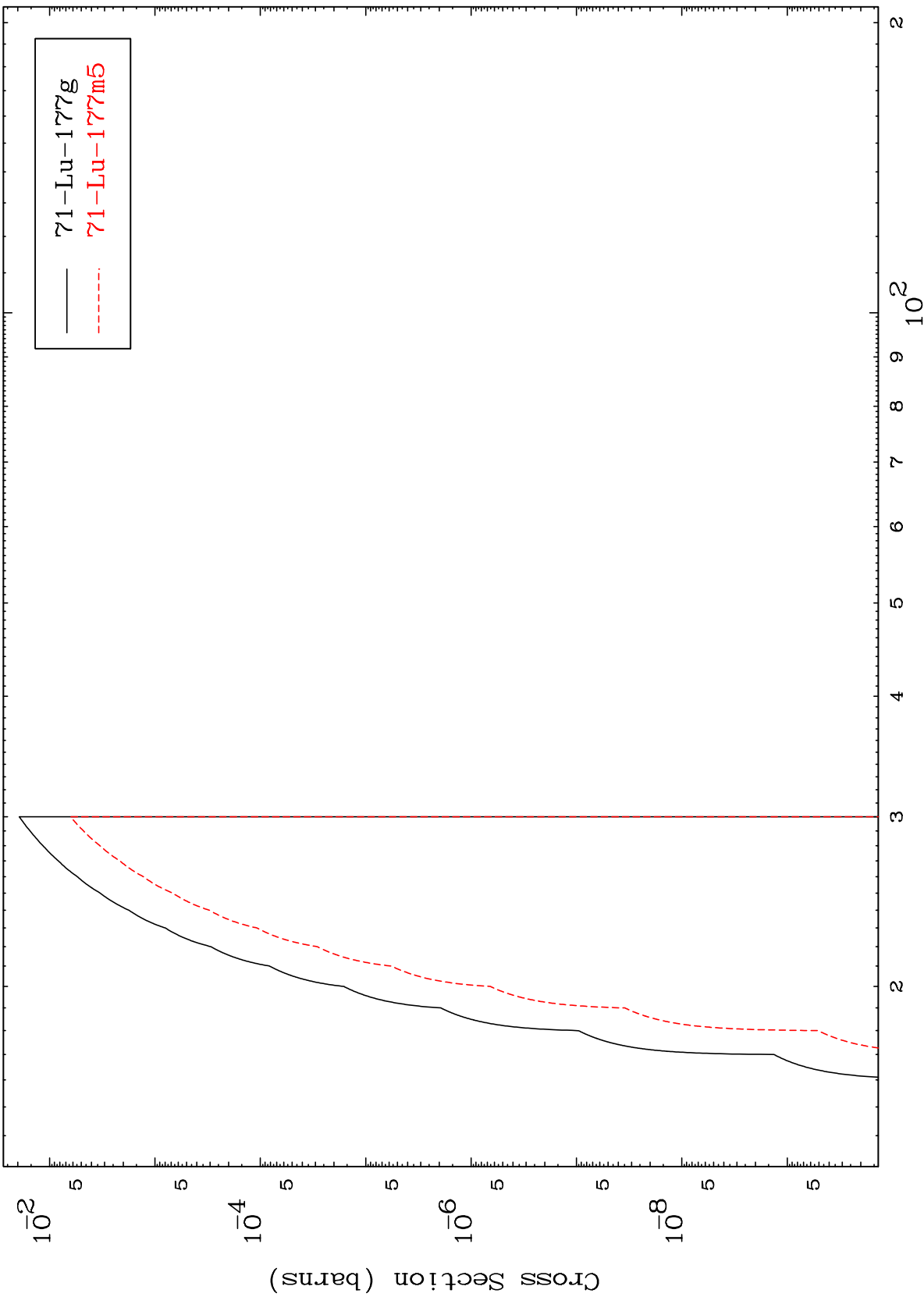


MAT 7240

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



124

Incident Energy (MeV)

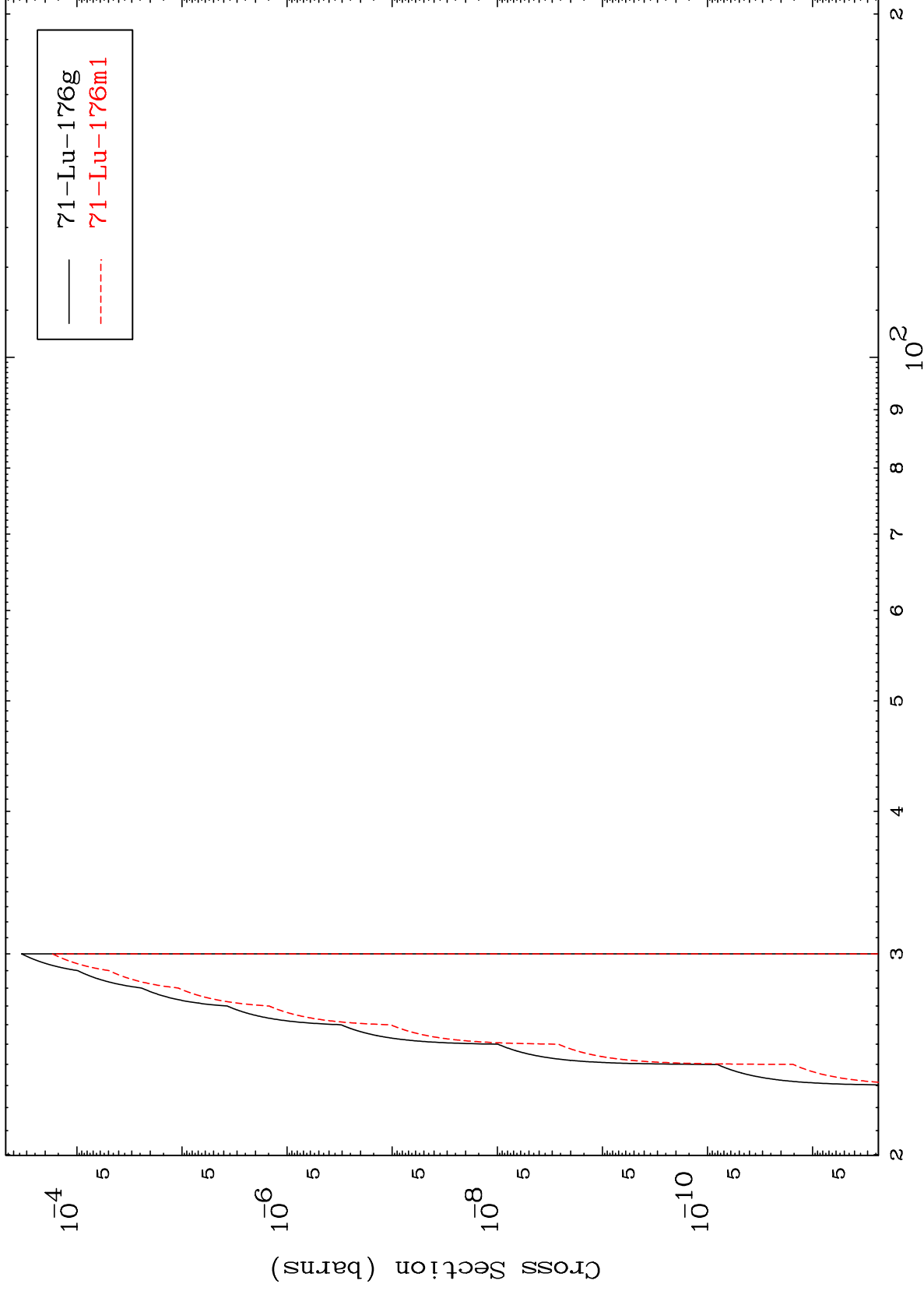
72-Hf-179

MAT 7240

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section

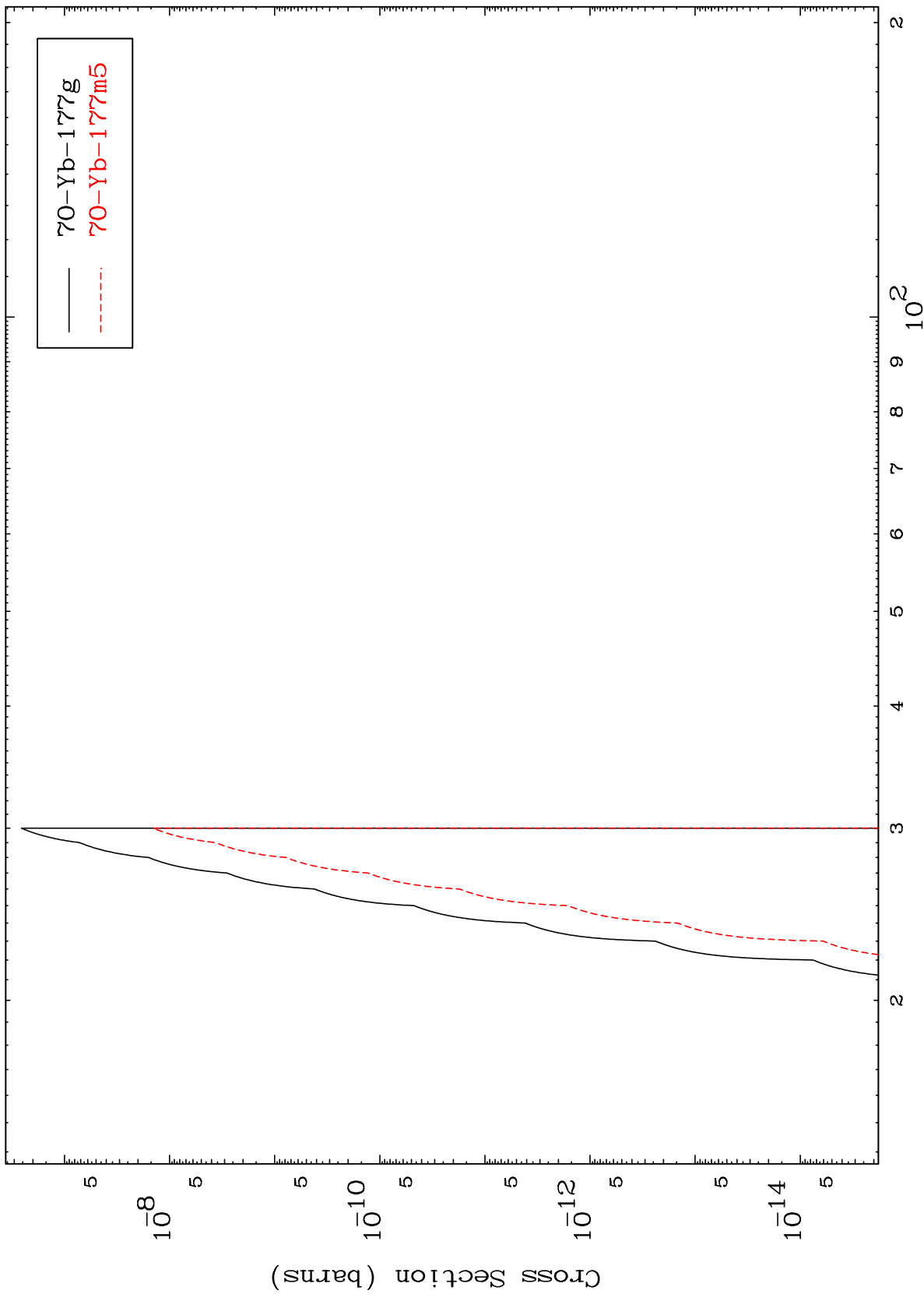


125

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section

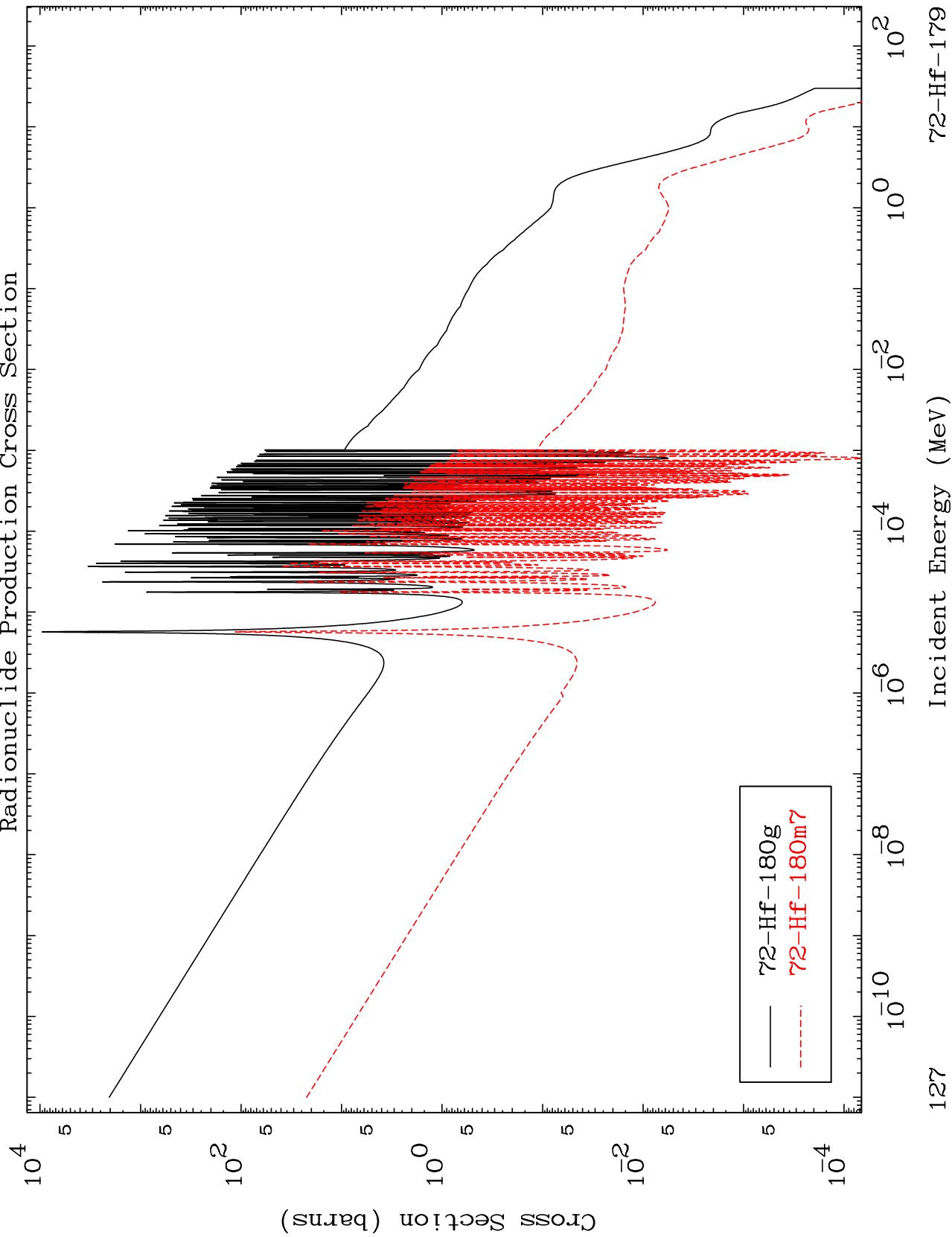


MAT 7240

<sup>72</sup>Hf-179

Radionuclide Production Cross Section

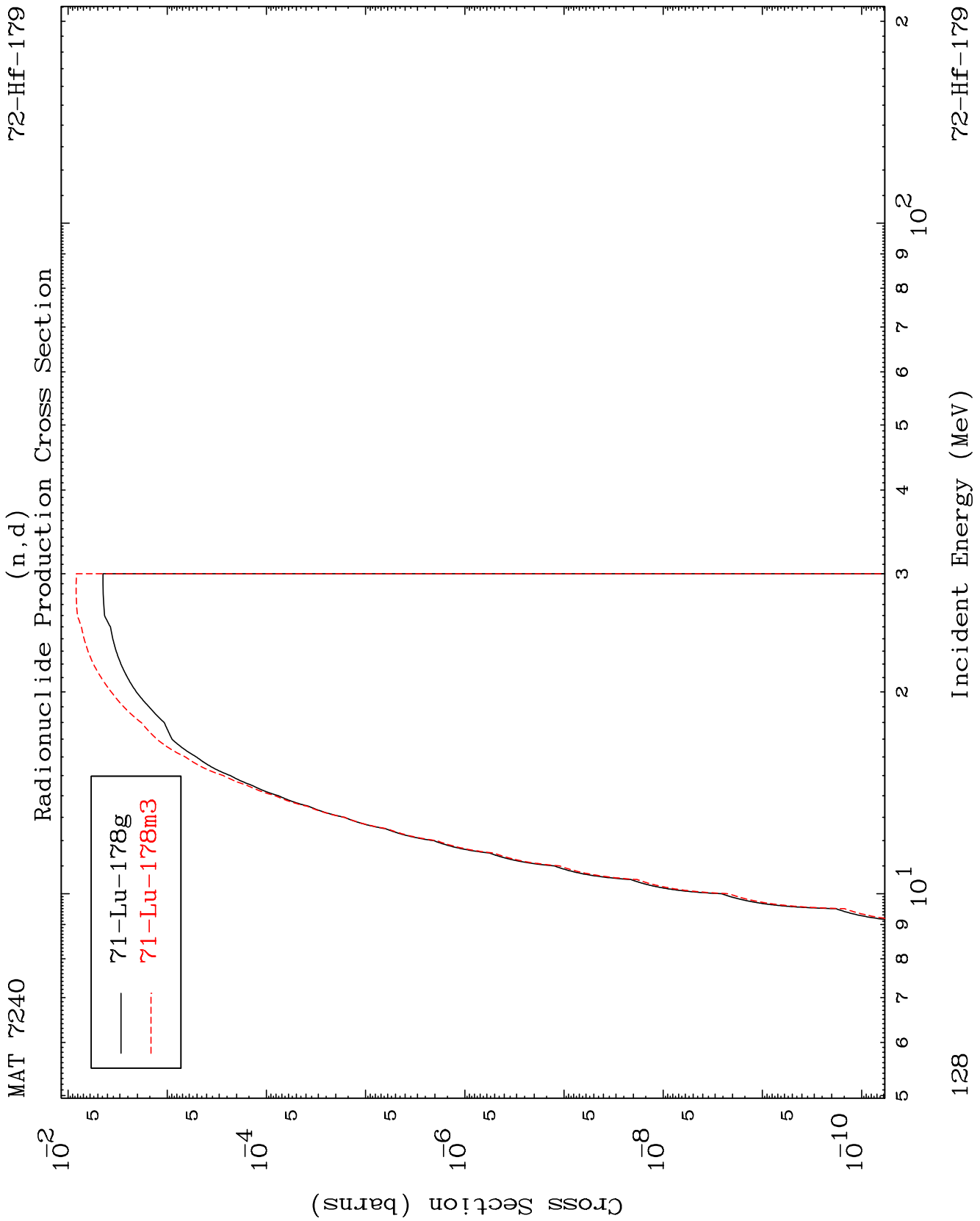
(n,γ)



127

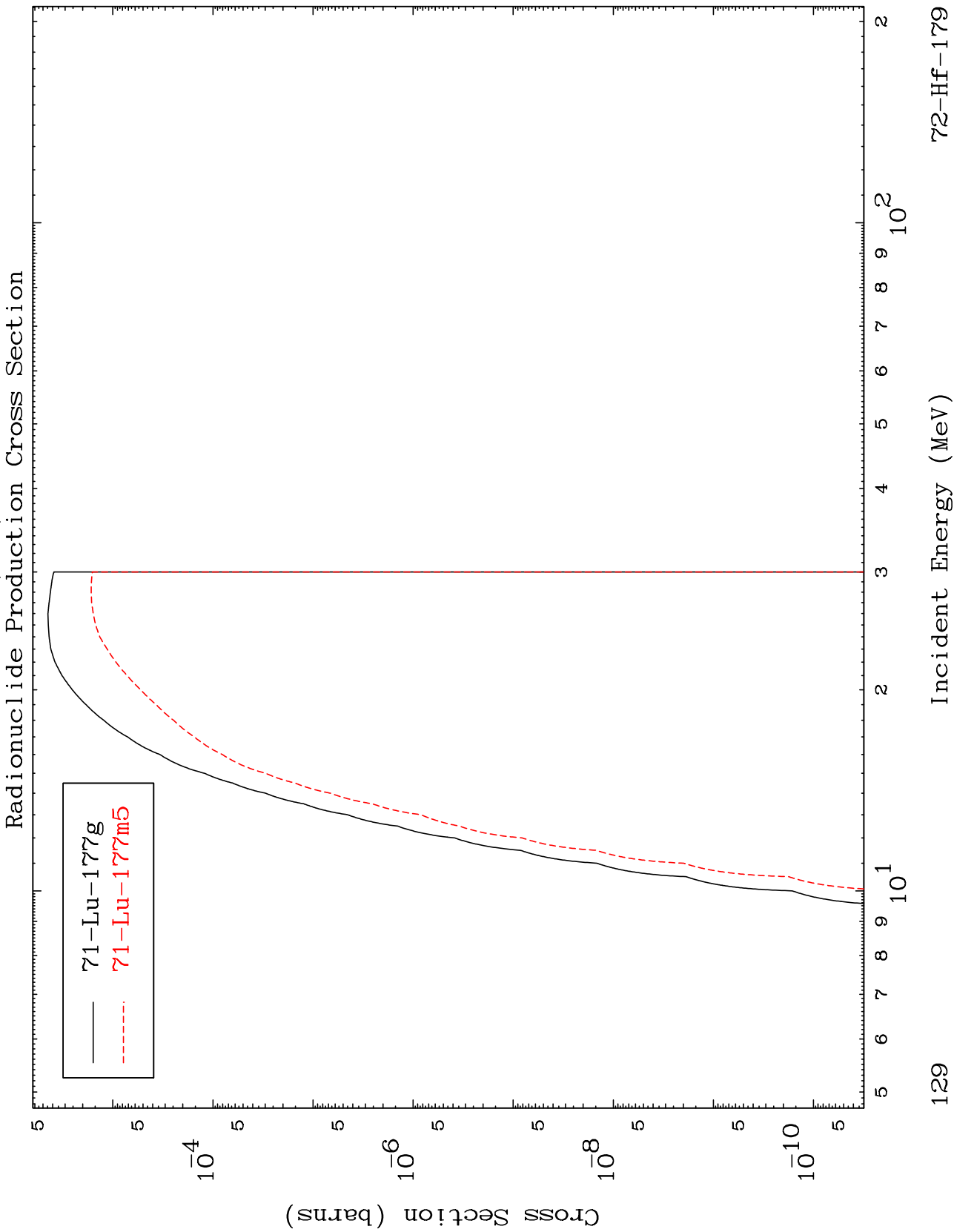
<sup>72</sup>Hf-179

Incident Energy (MeV)



MAT 7240

72-Hf-179



Incident Energy (MeV)

72-Hf-179

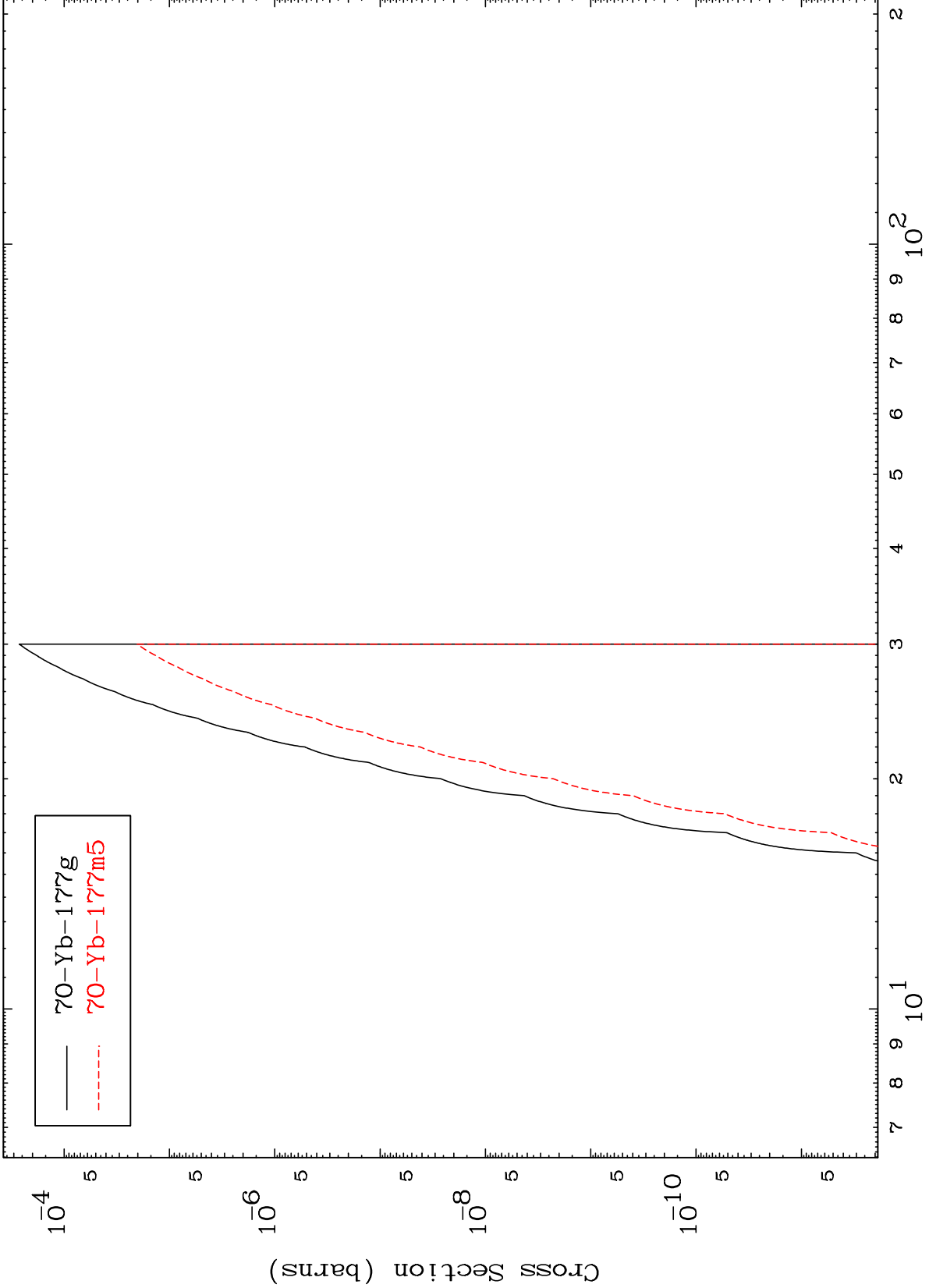
129

MAT 7240

(n,He-3)

72-Hf-179

Radionuclide Production Cross Section



130

Incident Energy (MeV)

72-Hf-179

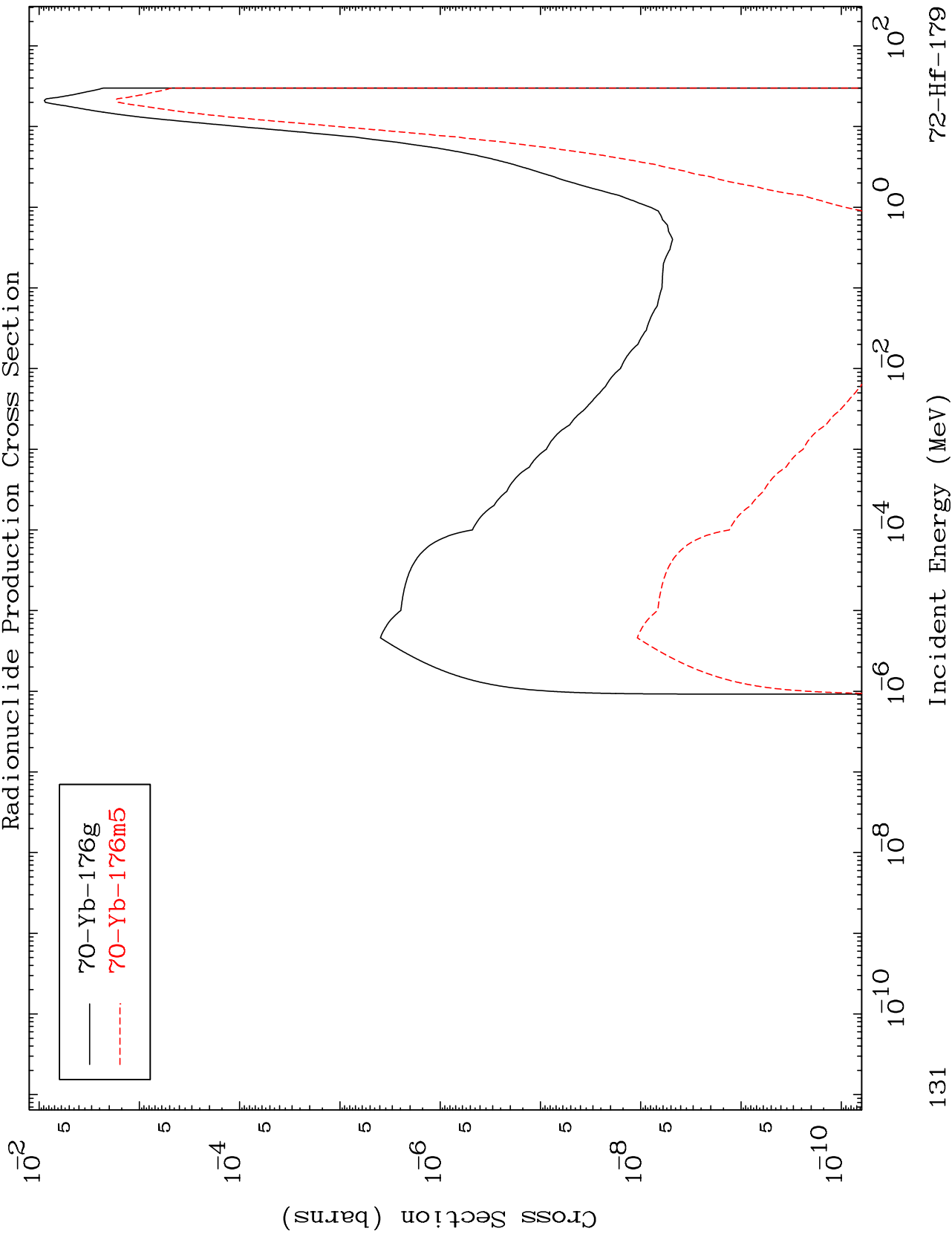
MAT 7240

72-Hf-179

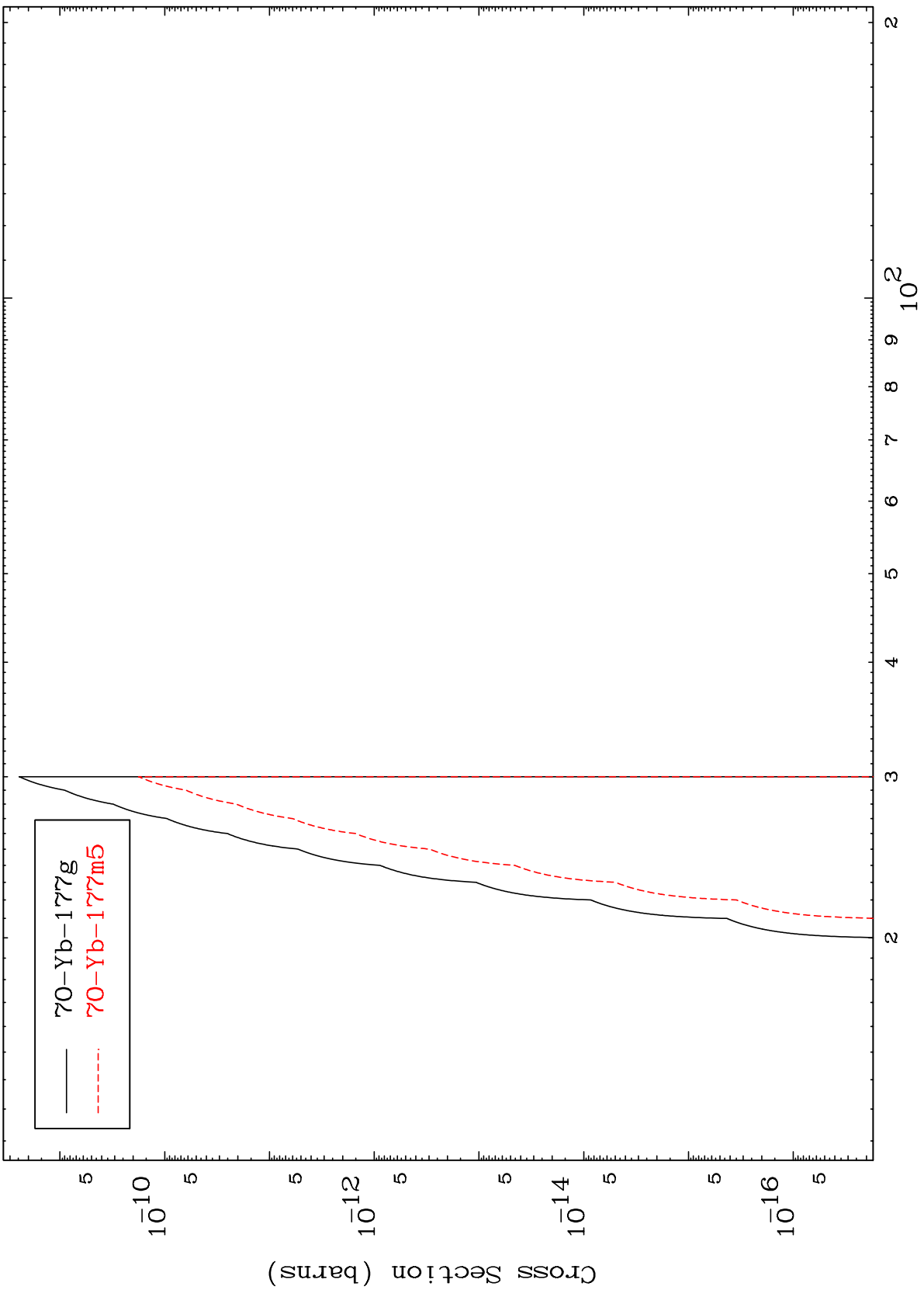
Radionuclide Production Cross Section

(n,  $\alpha$ )

72-Hf-179



Radionuclide Production Cross Section

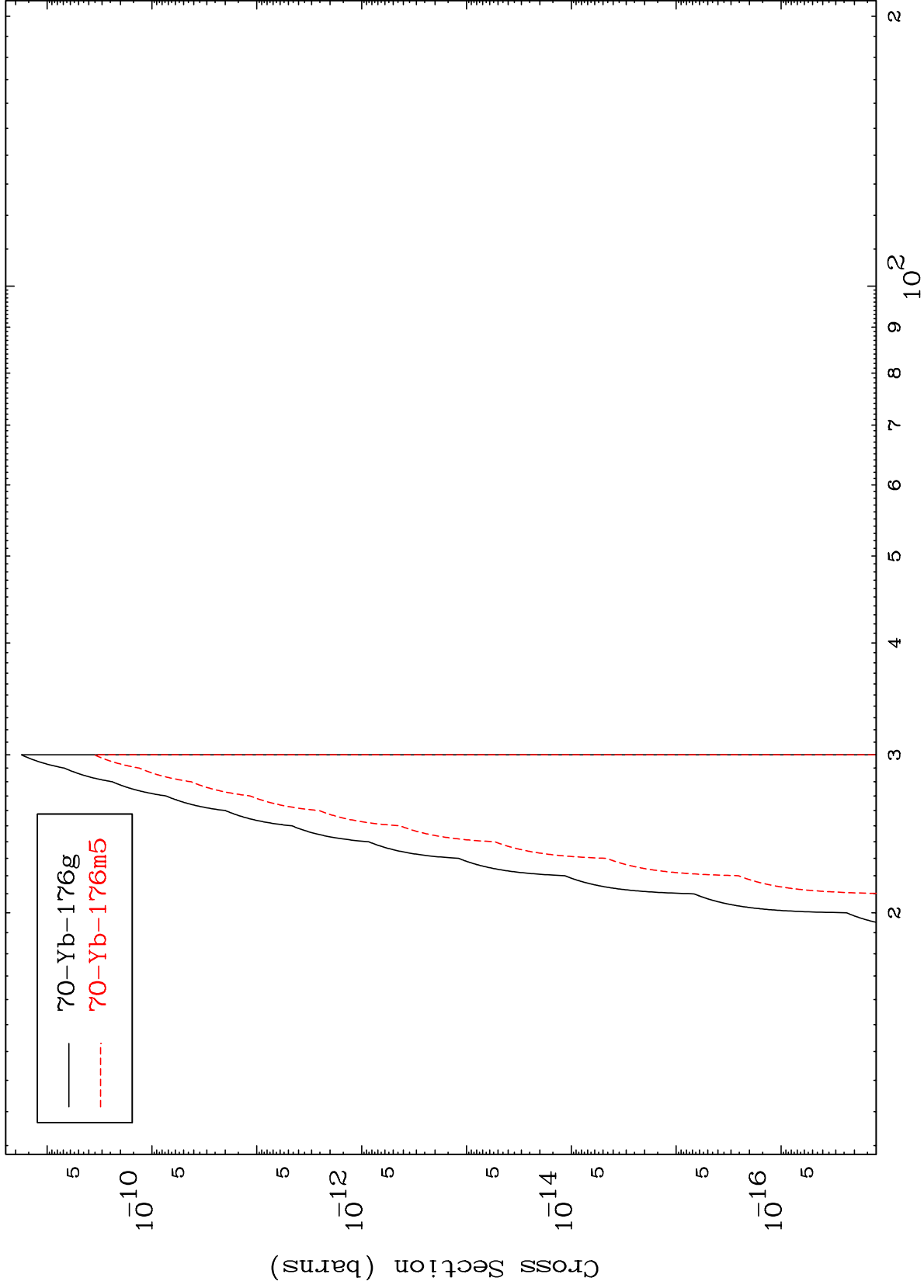


MAT 7240

(n,p) t

72-Hf-179

Radionuclide Production Cross Section



133

Incident Energy (MeV)

72-Hf-179