

Program EVALPLOT  
(Version 2021-1)

by

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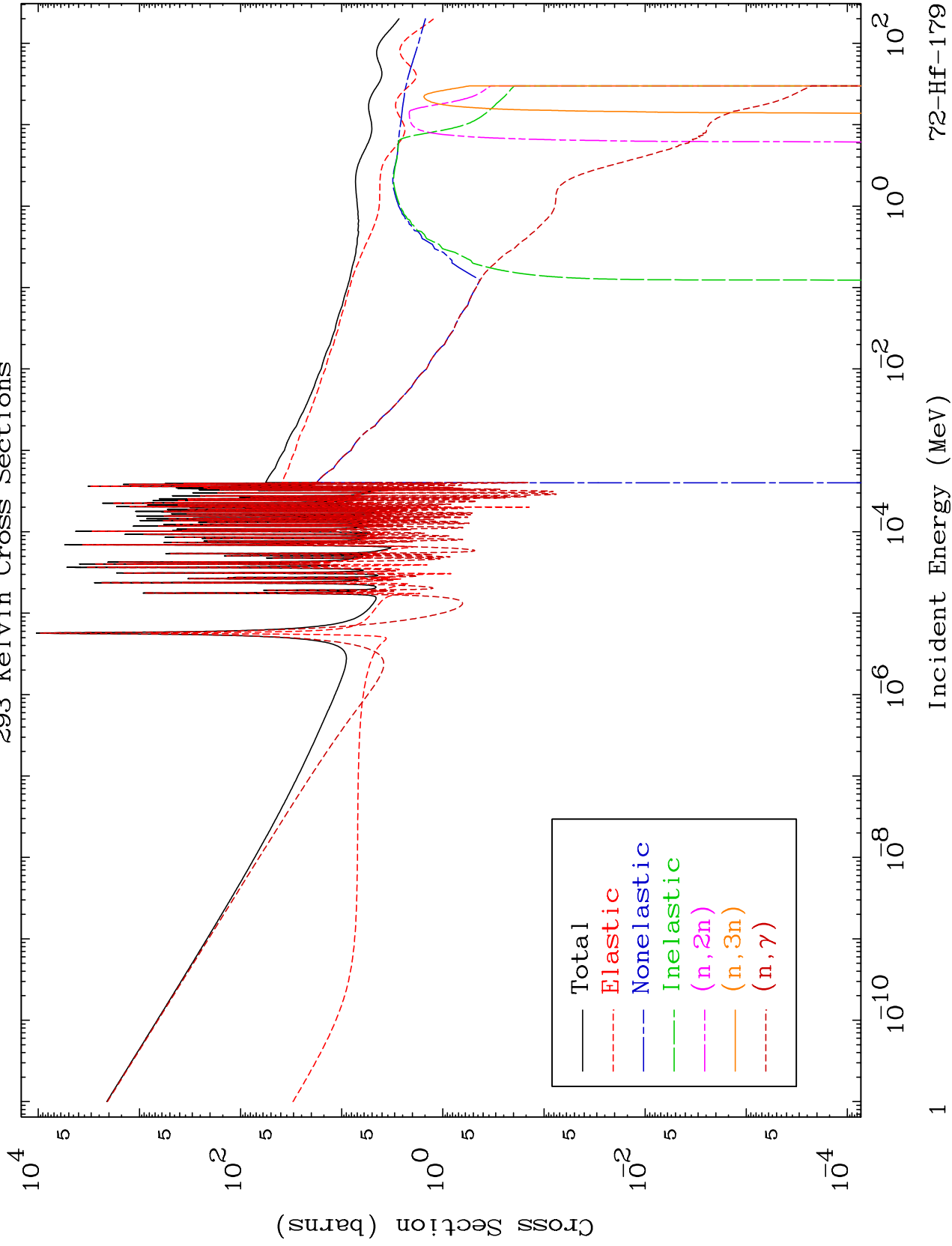
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7240

Neutron Major  
293 Kelvin Cross Sections

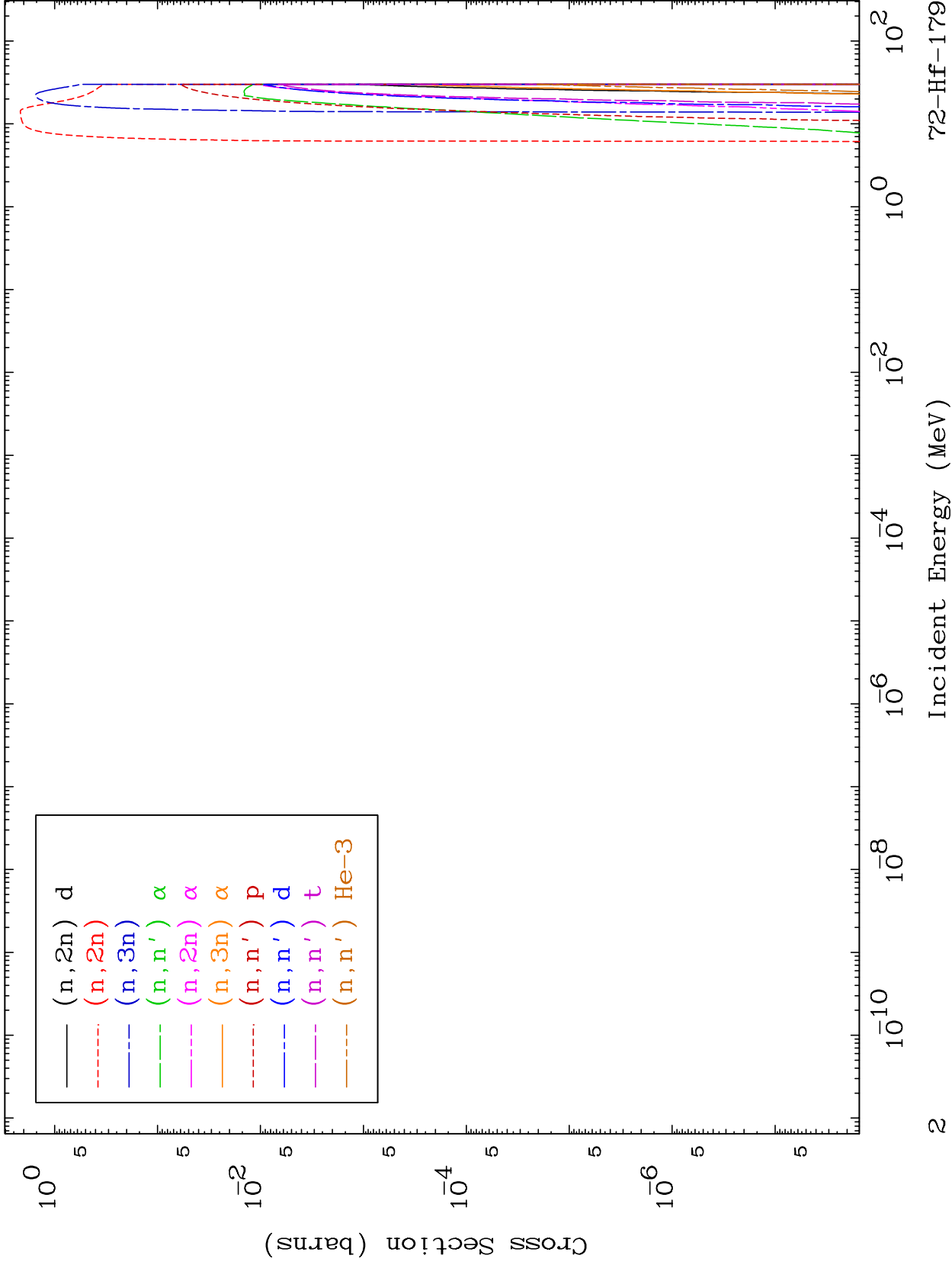
72-Hf-179



MAT 7240

Neutron Absorption  
293 Kelvin Cross Sections

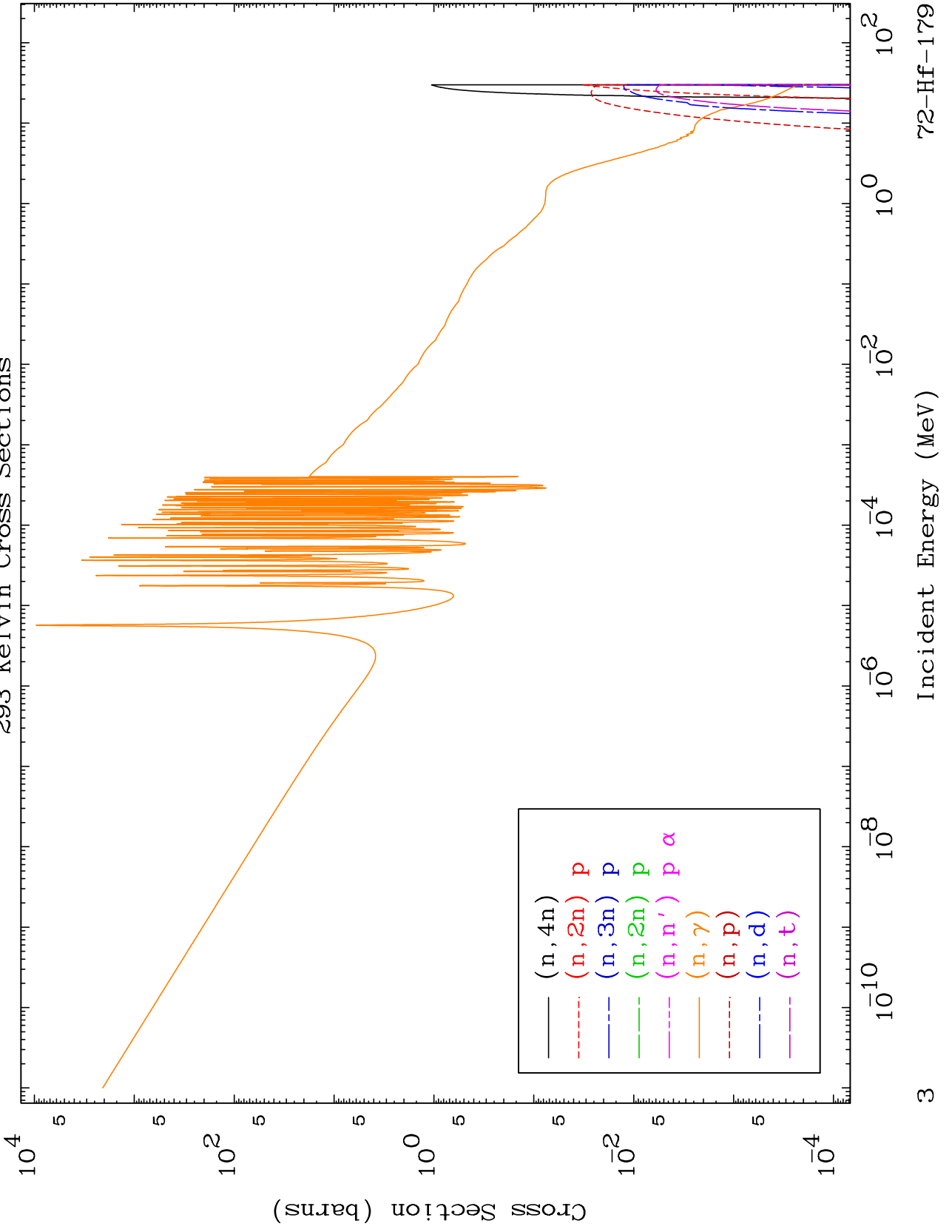
72-Hf-179



MAT 7240

Neutron Absorption  
293 Kelvin Cross Sections

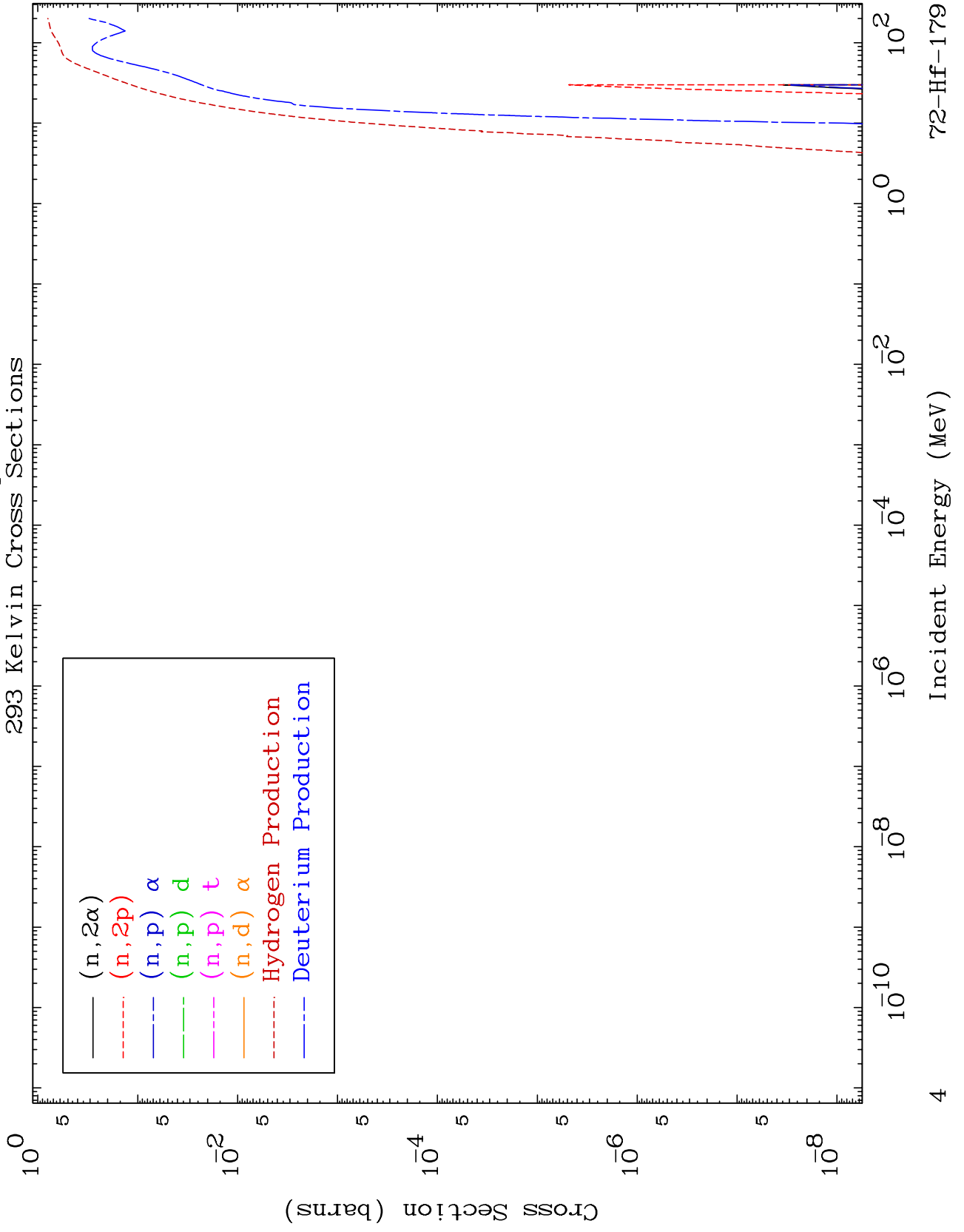
72-Hf-179



MAT 7240

Neutron Absorption  
293 Kelvin Cross Sections

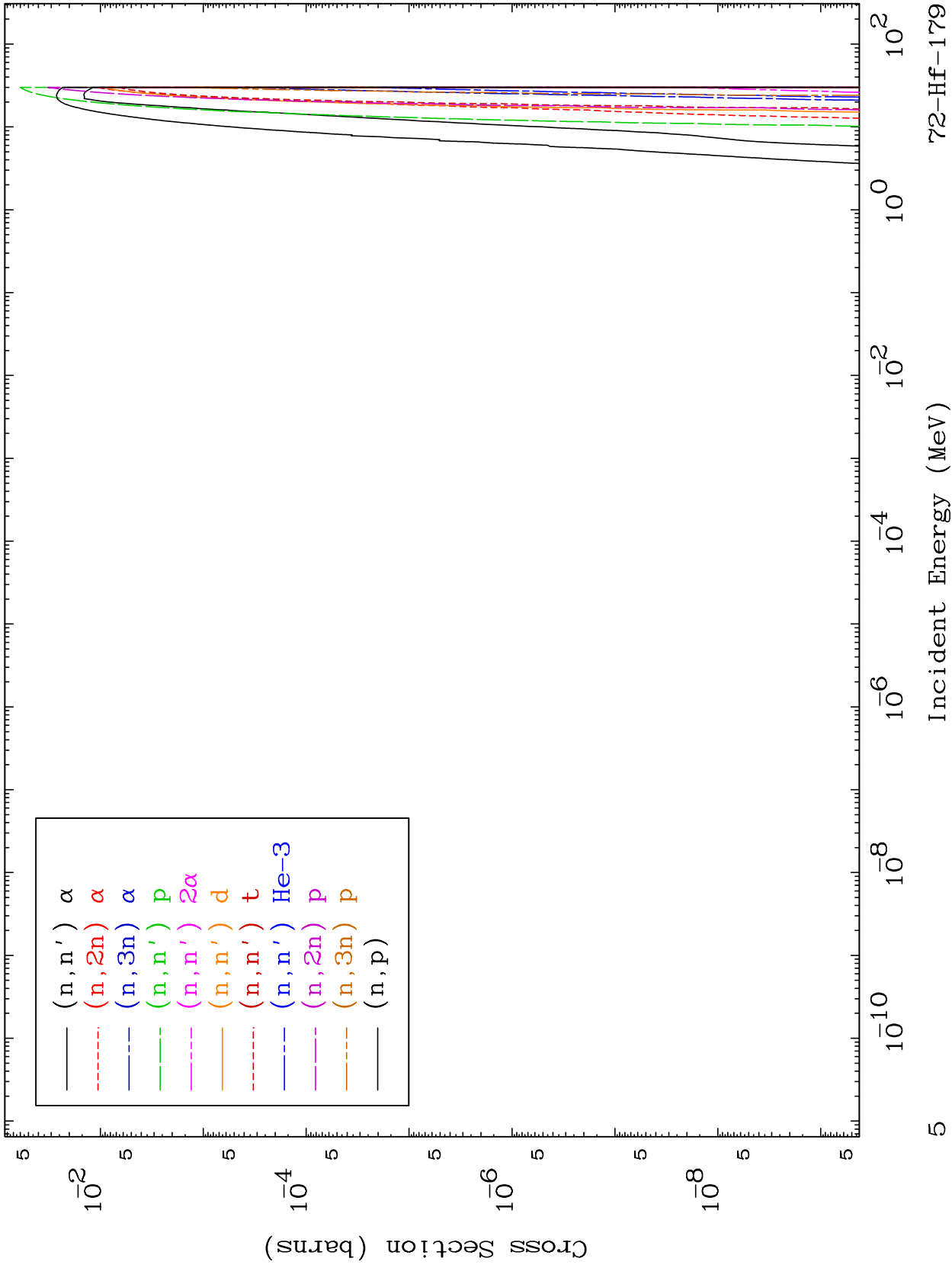
72-Hf-179



MAT 7240

Charged Particle  
293 Kelvin Cross Sections

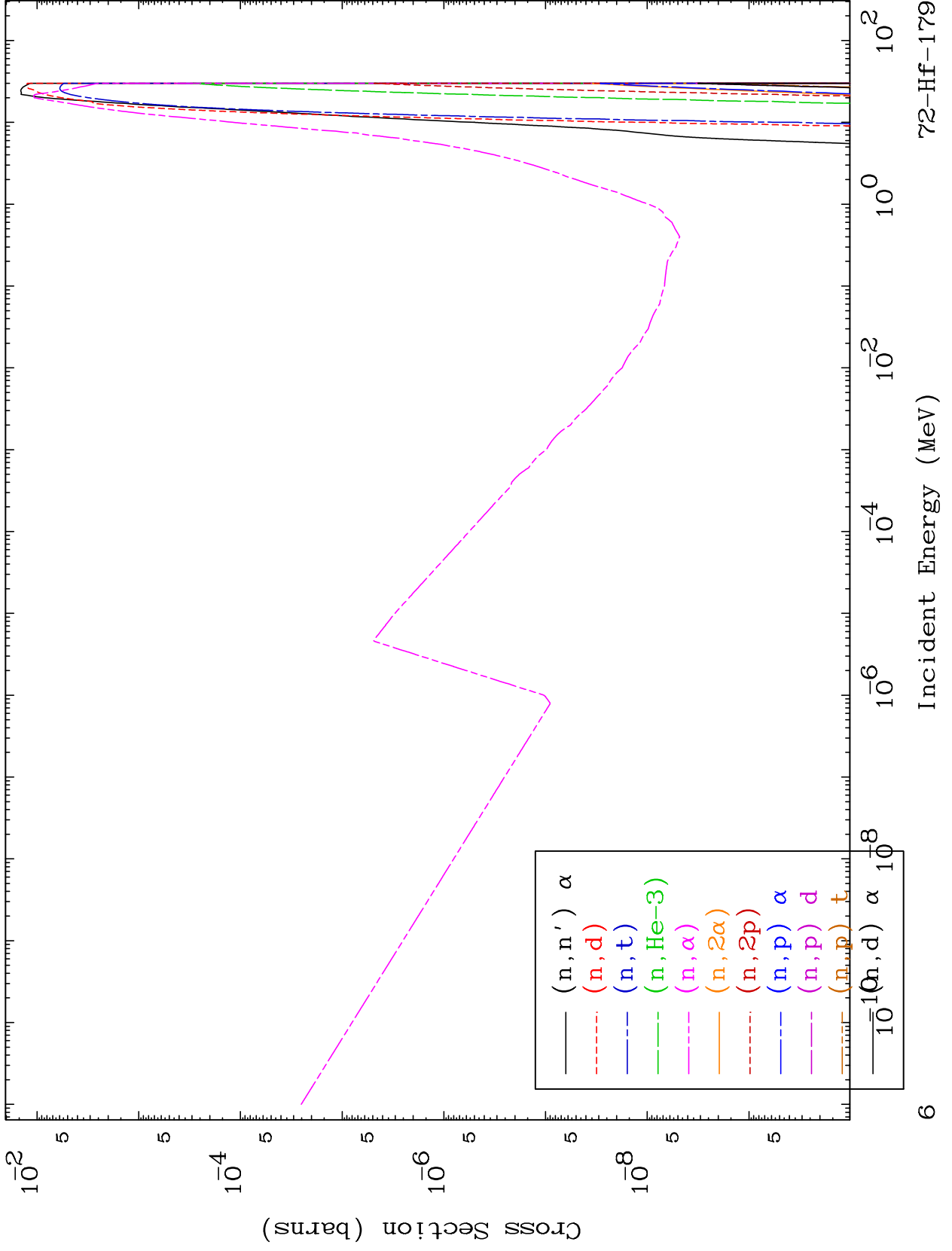
72-Hf-179



MAT 7240

Charged Particle  
293 Kelvin Cross Sections

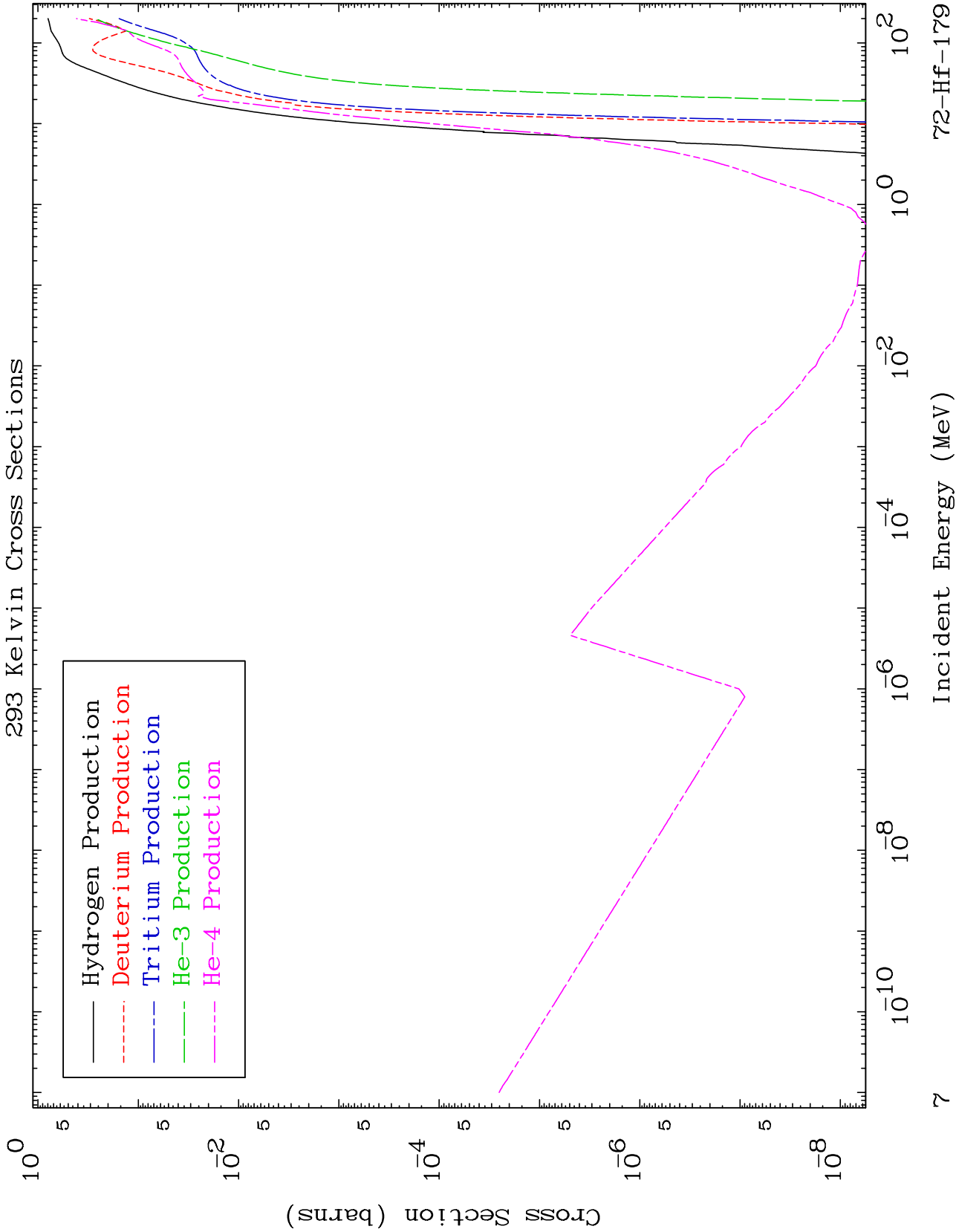
72-Hf-179



MAT 7240

Particle Production  
293 Kelvin Cross Sections

72-Hf-179

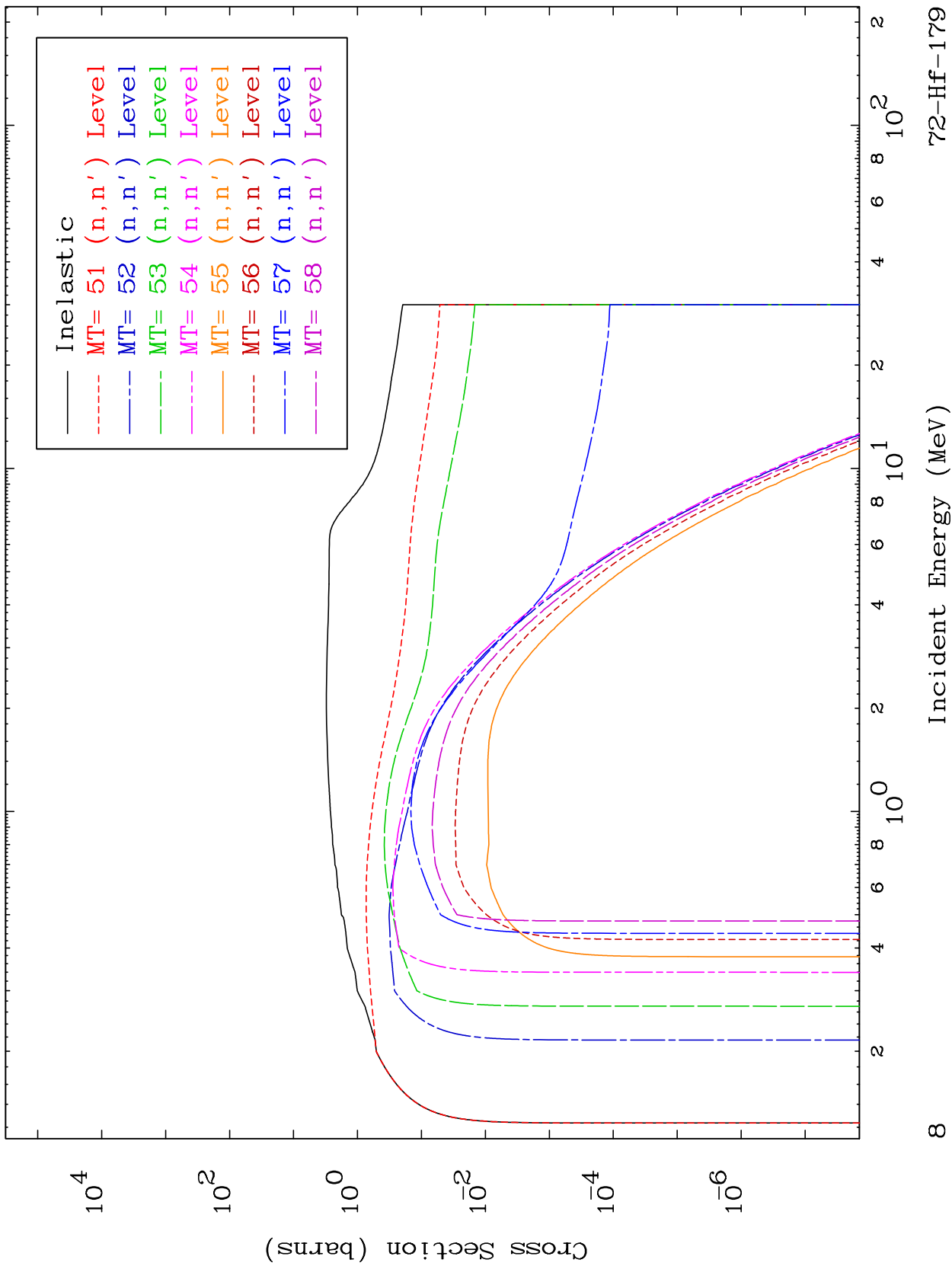




MAT 7240

(n,n') Levels  
293 Kelvin Cross Sections

72-Hf-179

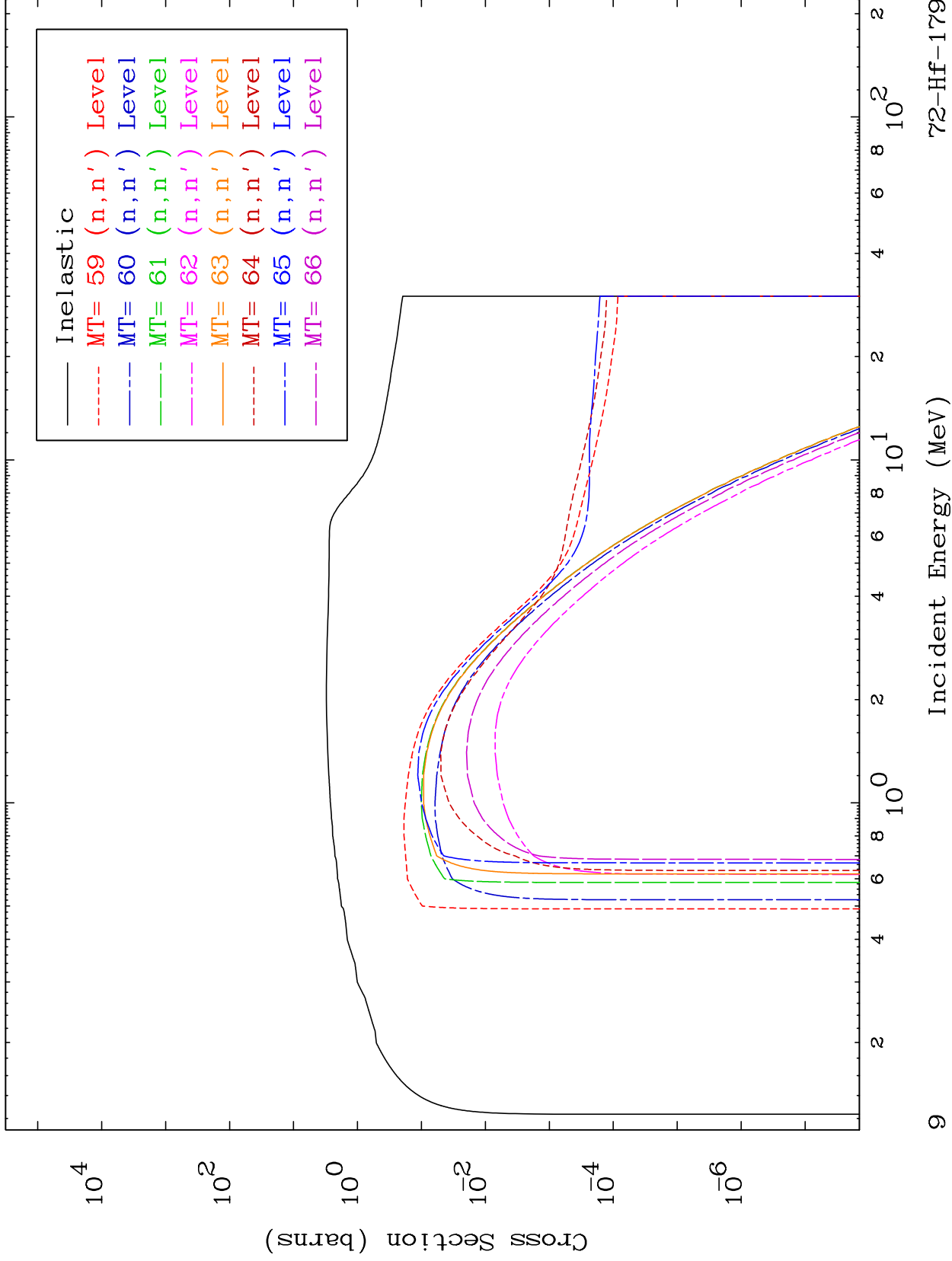


MAT 7240

(n,n') Levels

72-Hf-179

293 Kelvin Cross Sections

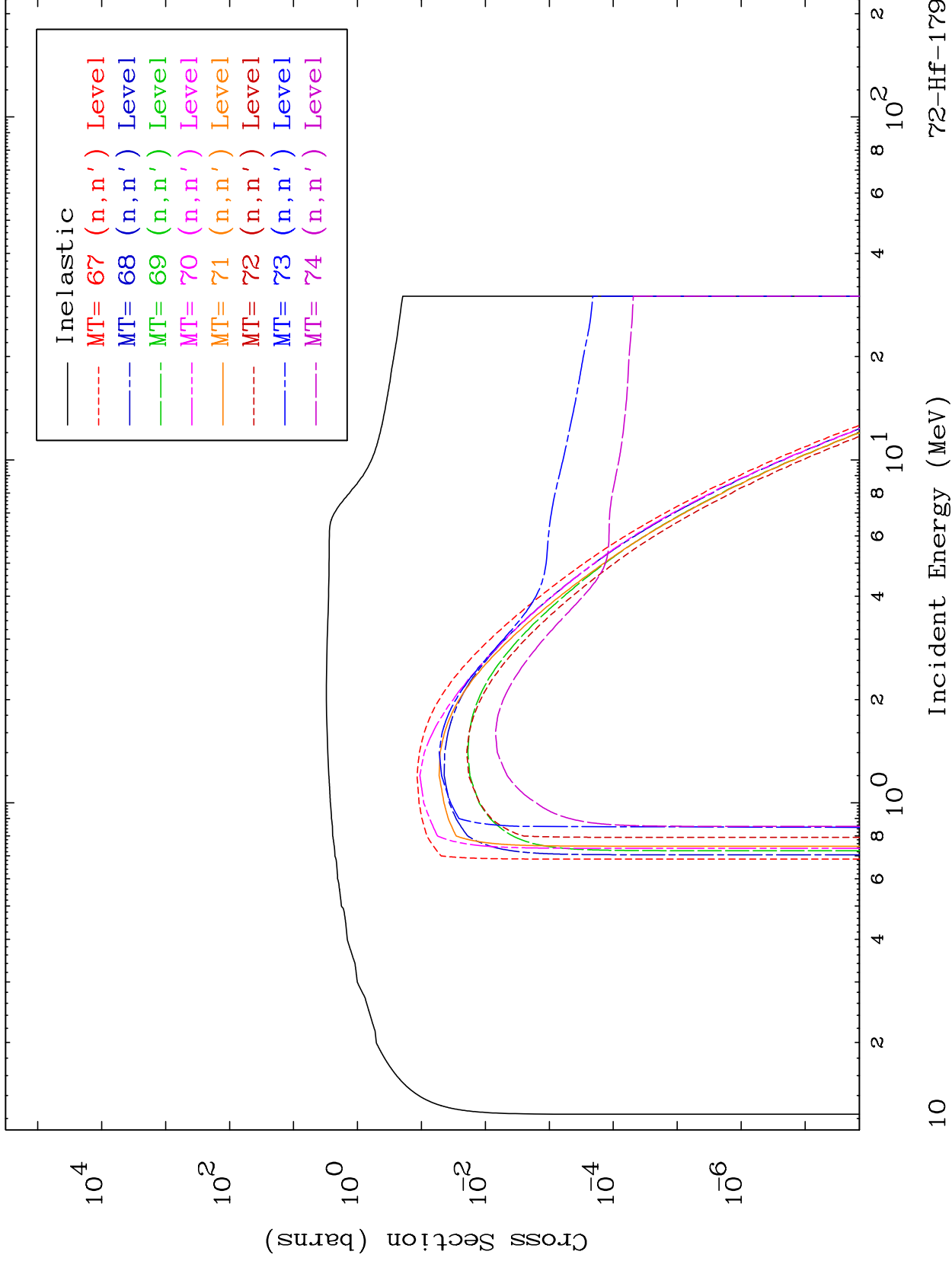


MAT 7240

(n,n') Levels

72-Hf-179

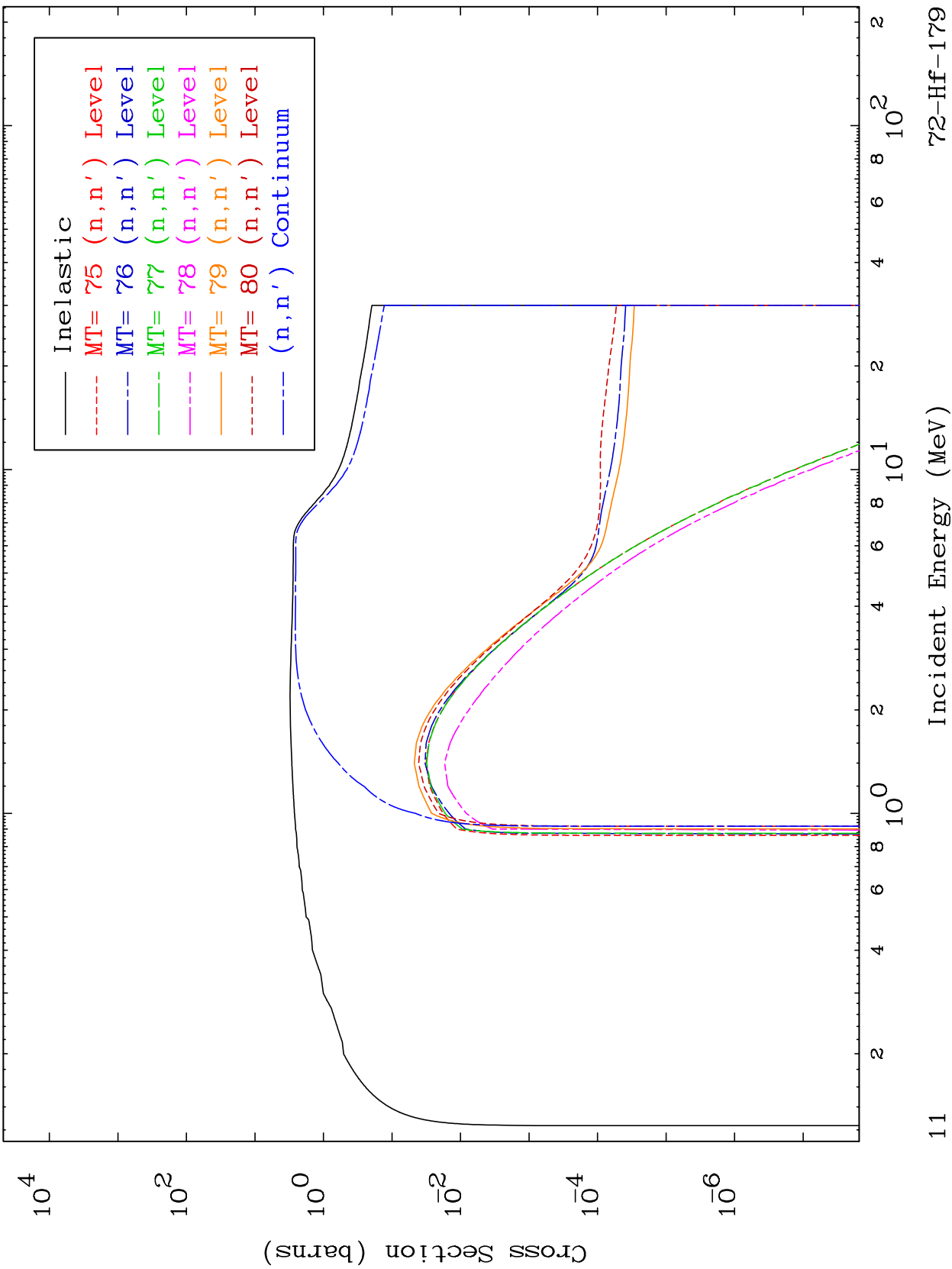
293 Kelvin Cross Sections



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Incident Energy (MeV)

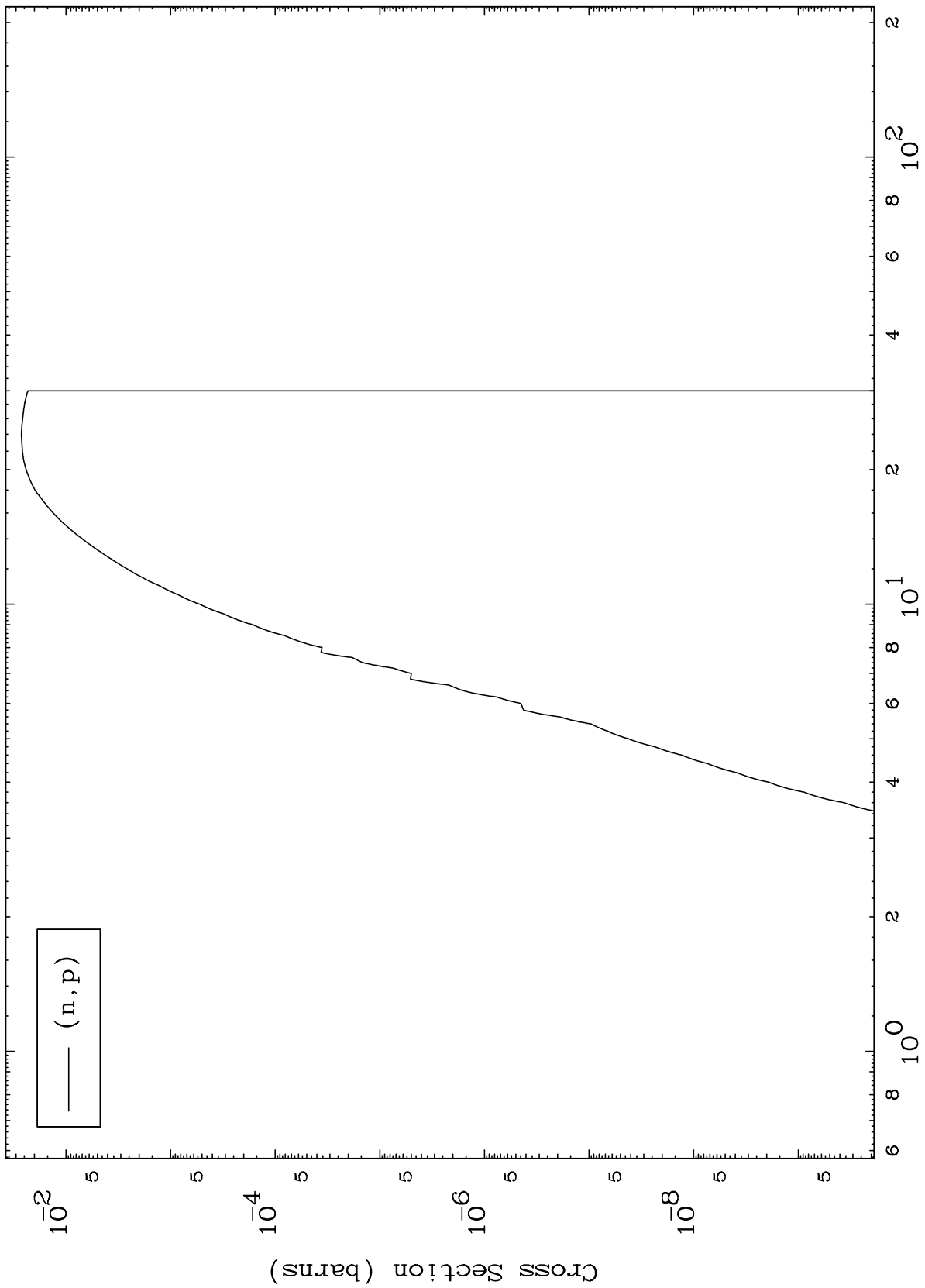
72-Hf-179



MAT 7240

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-179



12

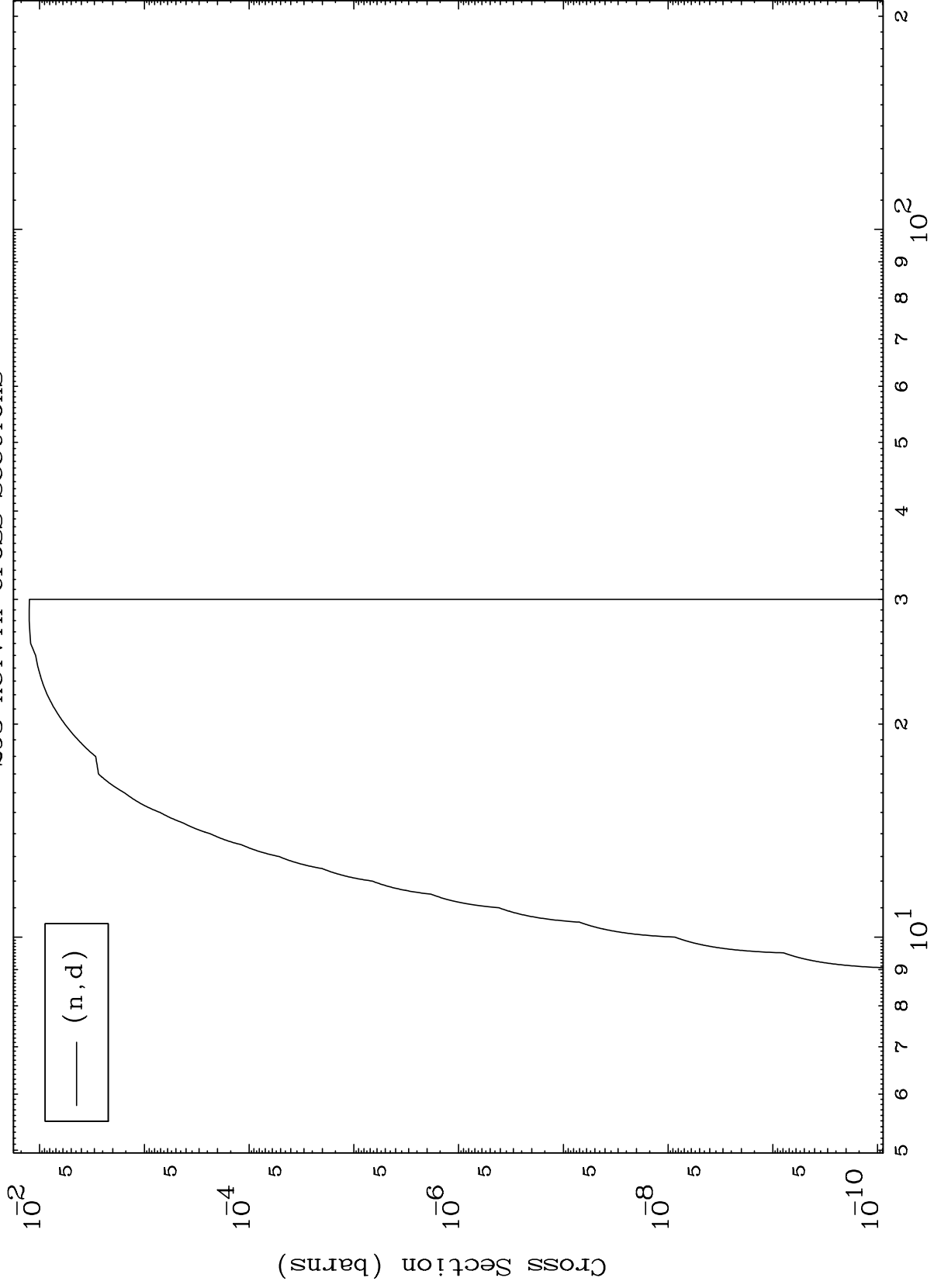
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-179



13

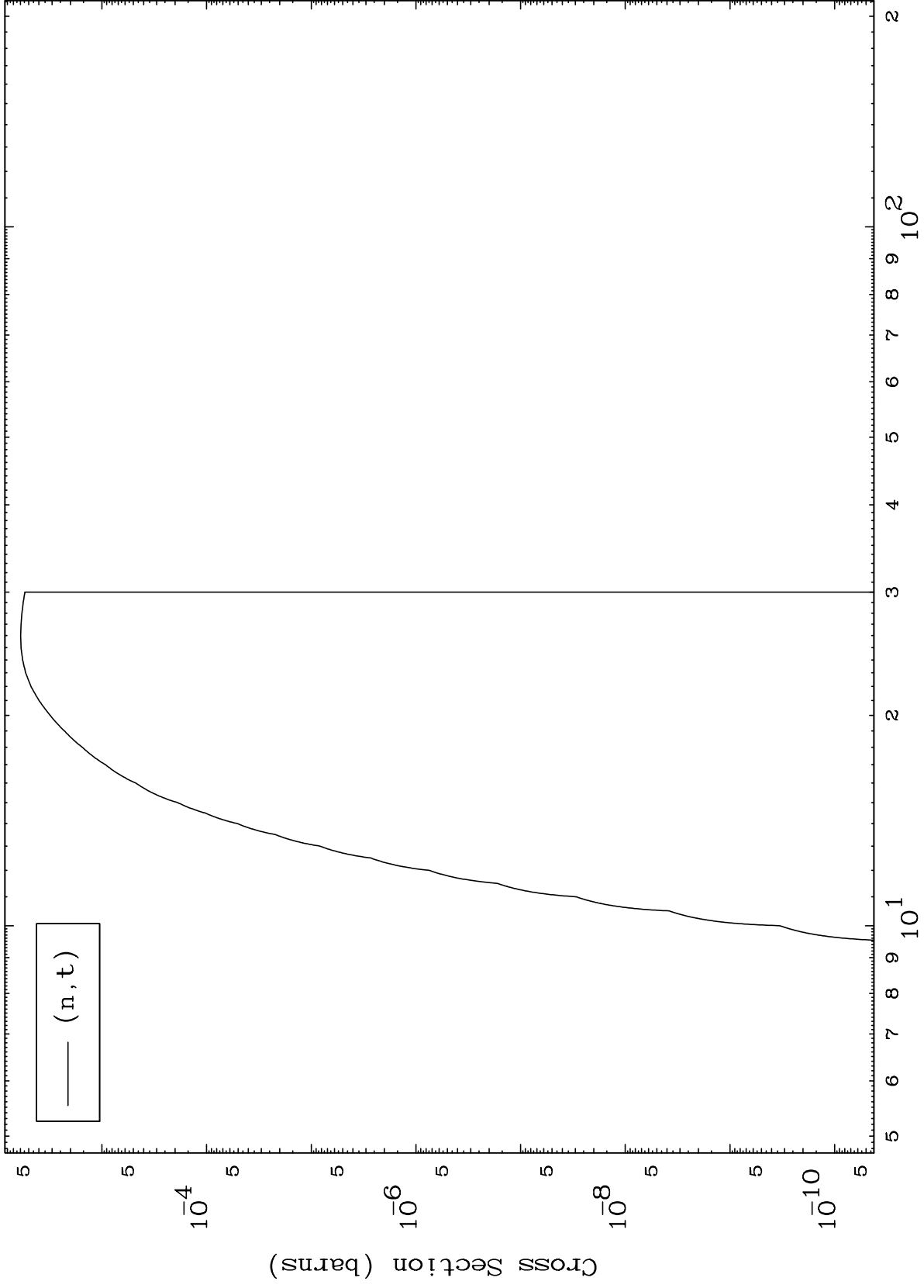
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-179



14

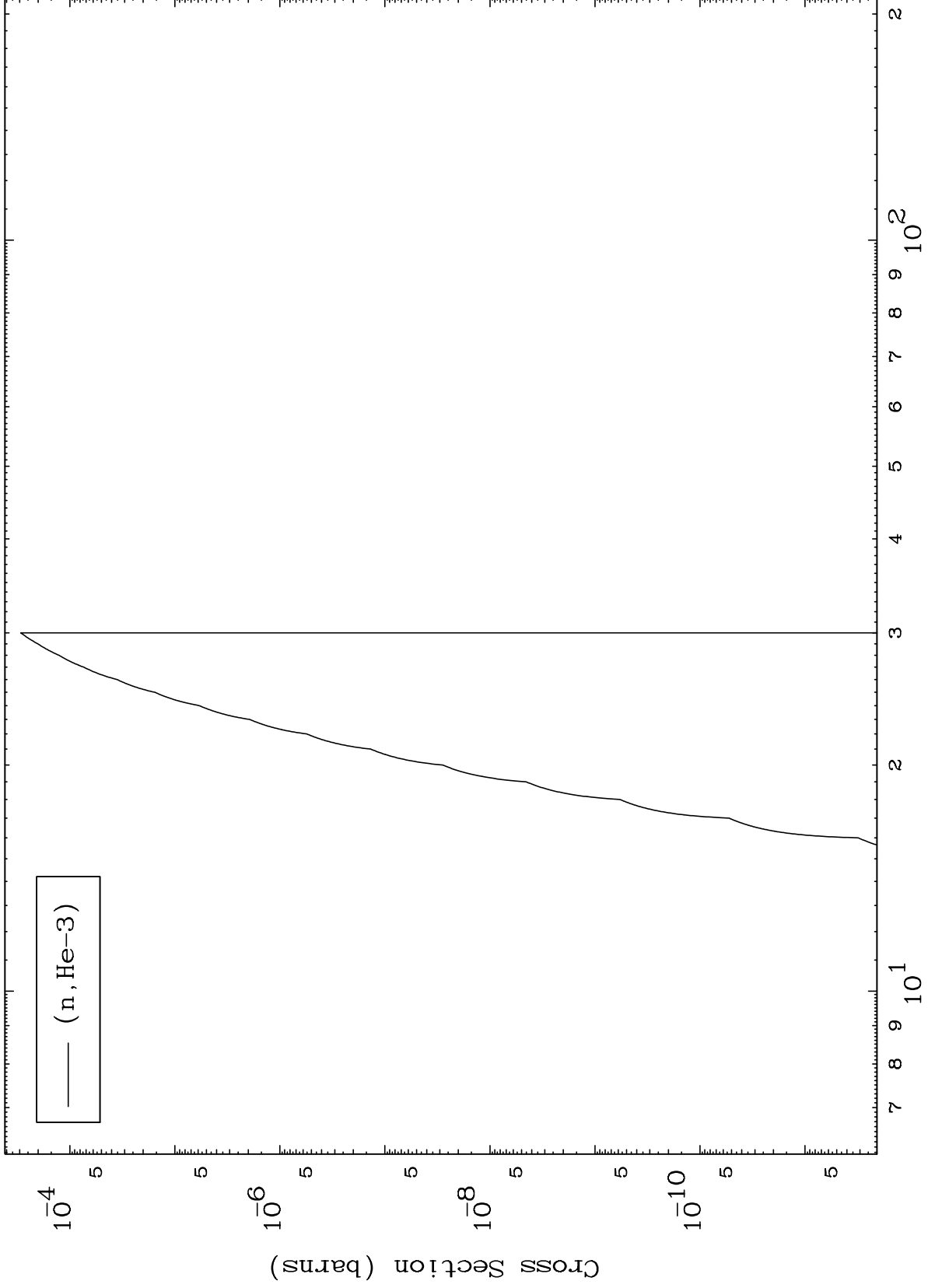
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-179



15

Incident Energy (MeV)

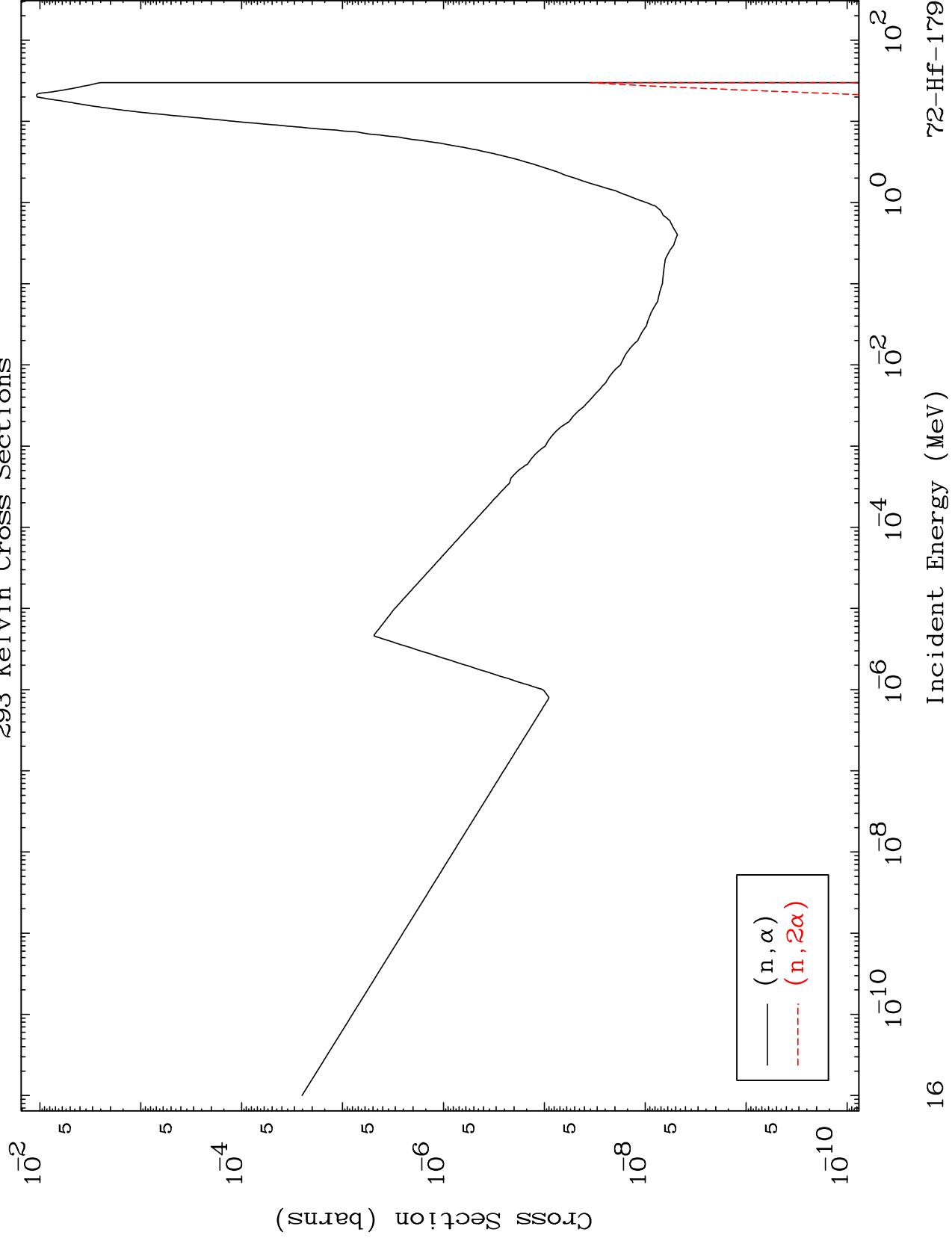
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MAT 7240

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

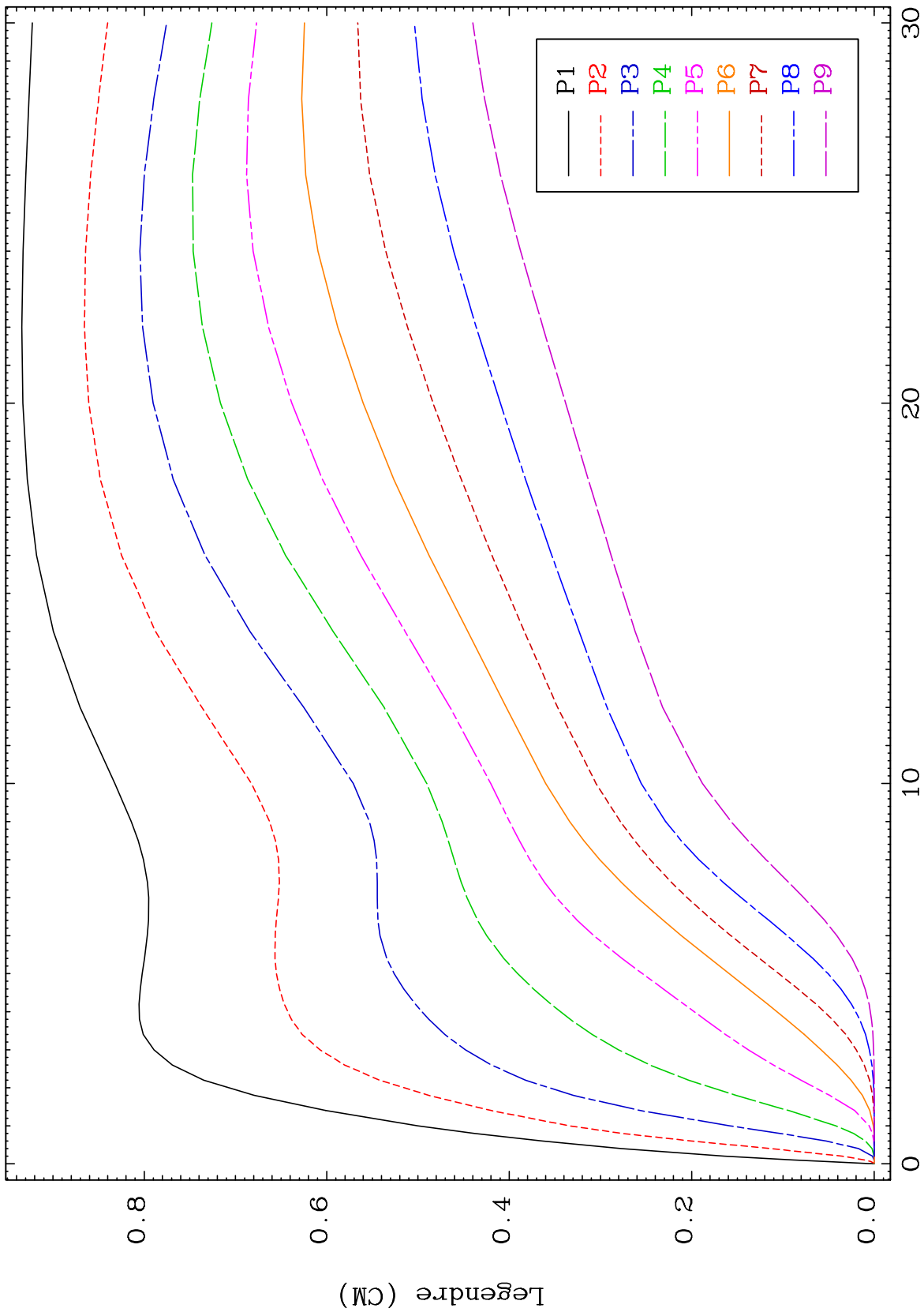
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MAT 7240

Elastic Legendre Coefficients

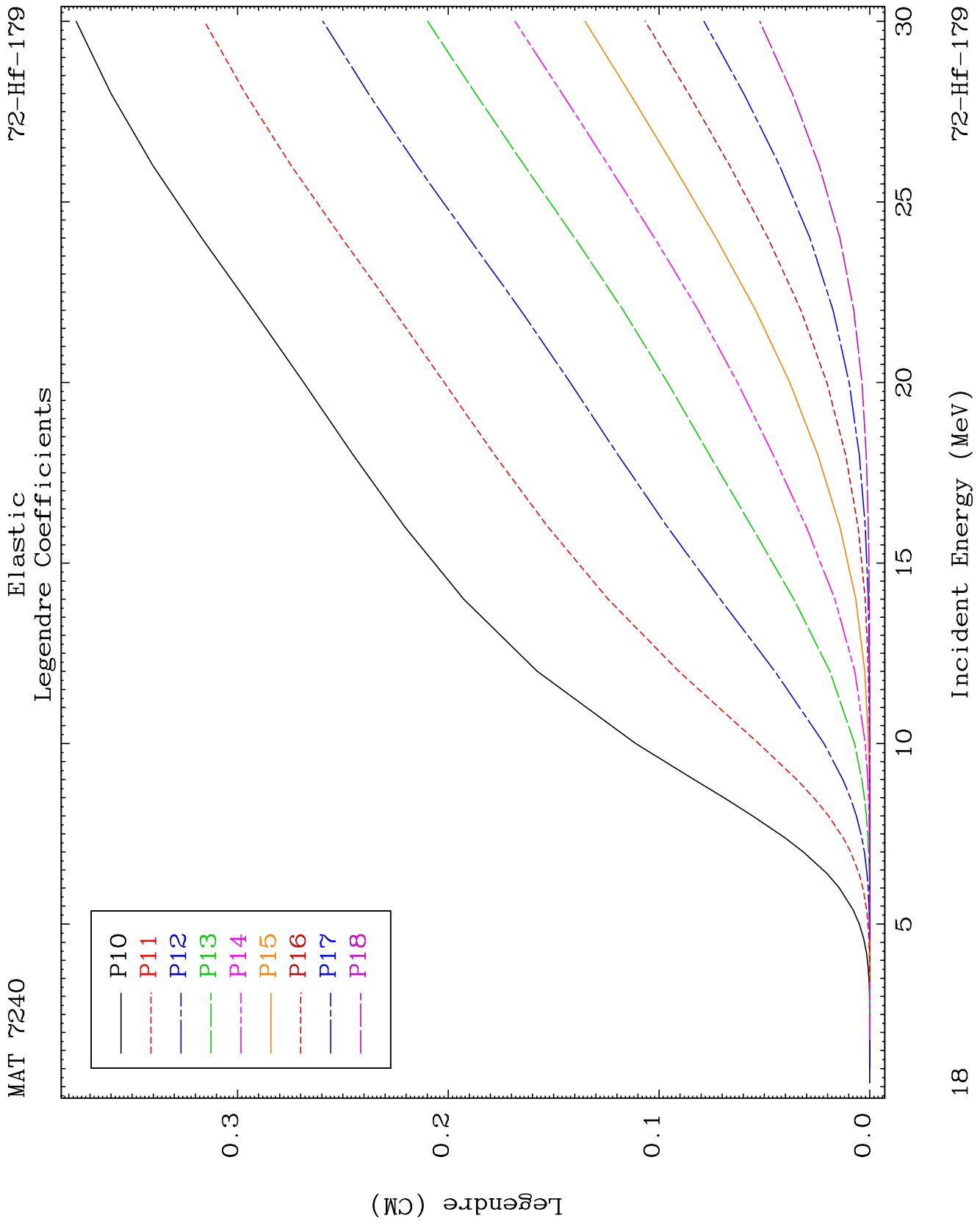
72-Hf-179



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Incident Energy (MeV)

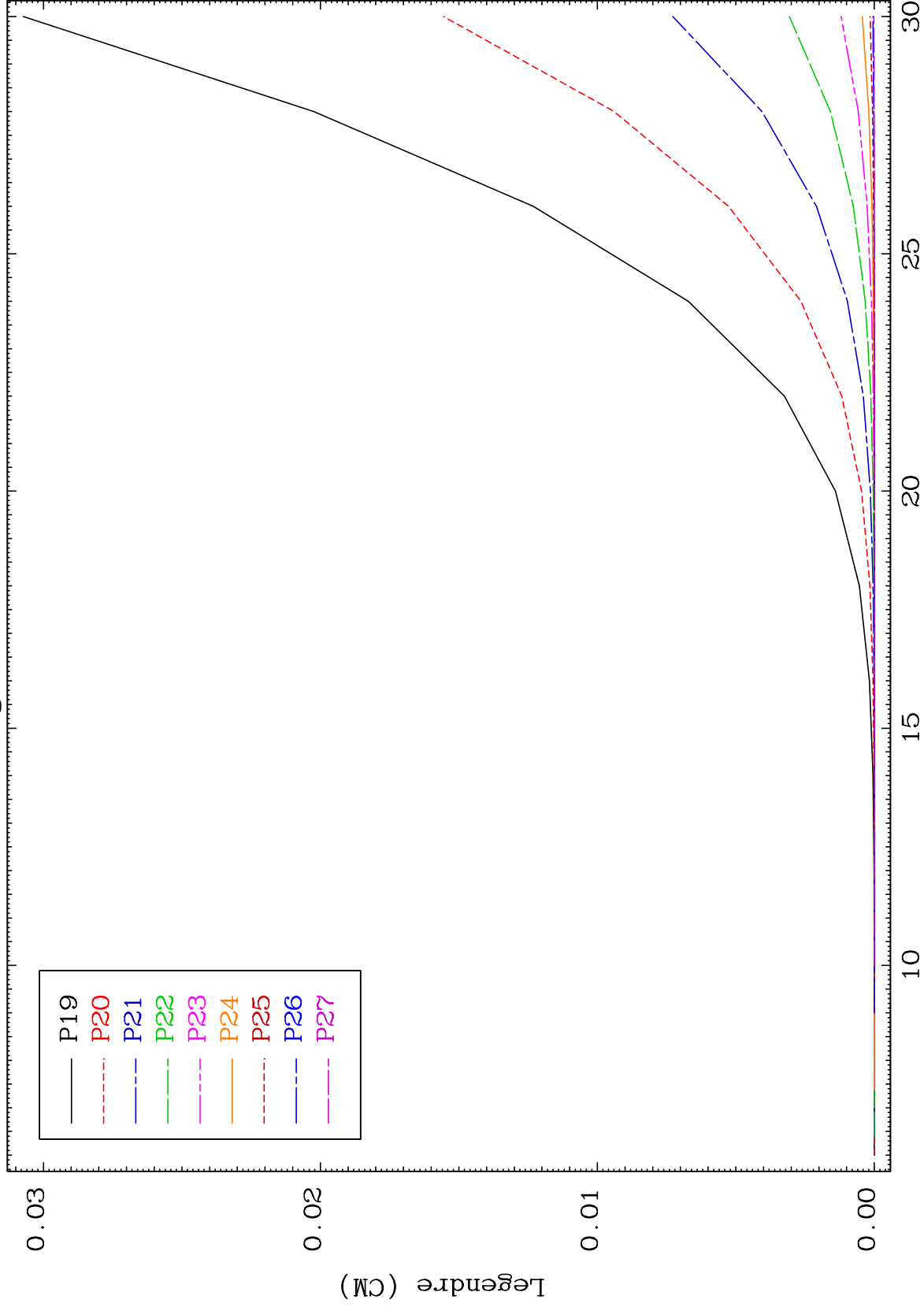
72-Hf-179



MAT 7240

Elastic  
Legendre Coefficients

72-Hf-179



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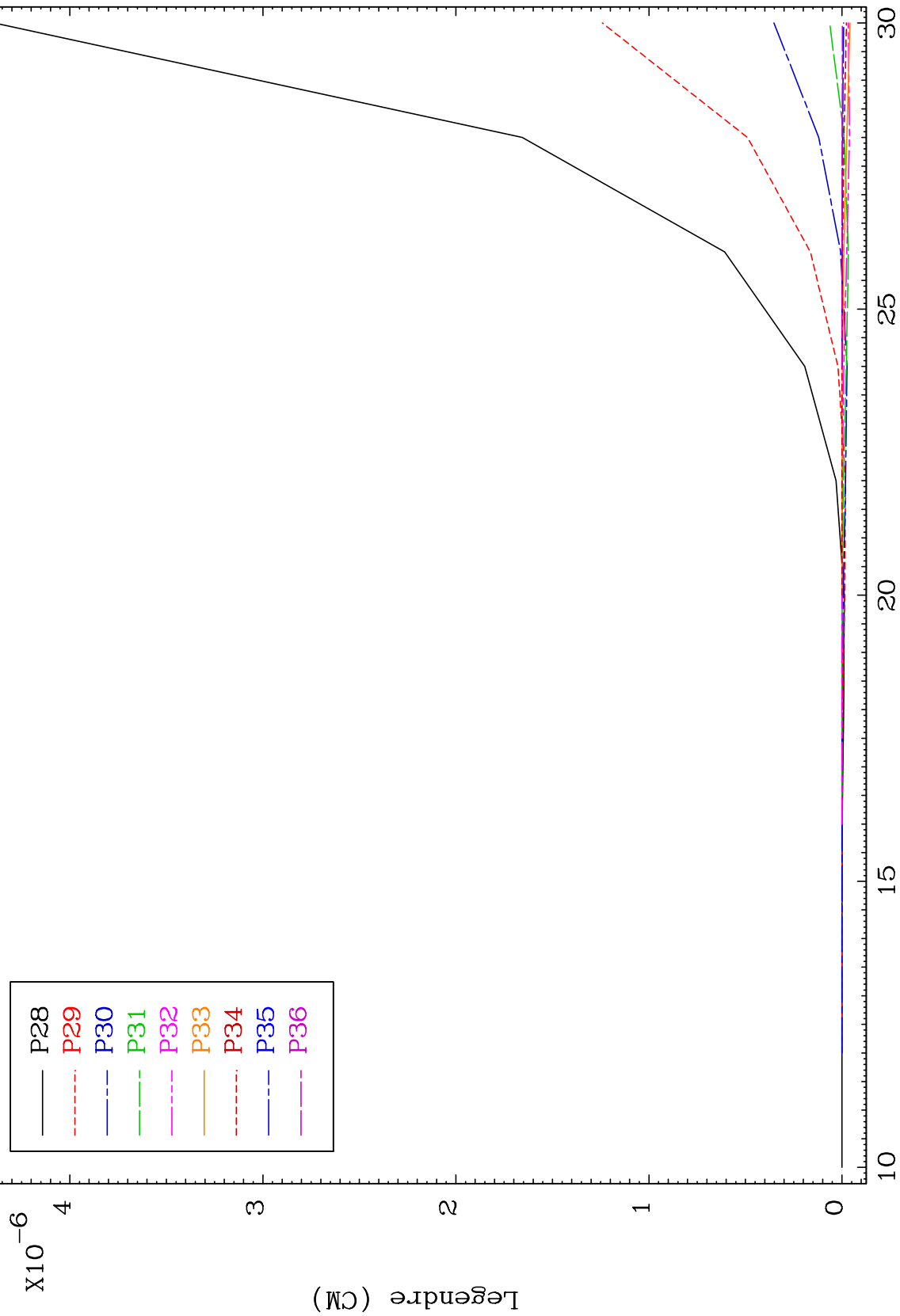
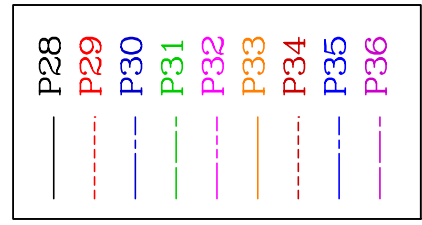
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



72-Hf-179

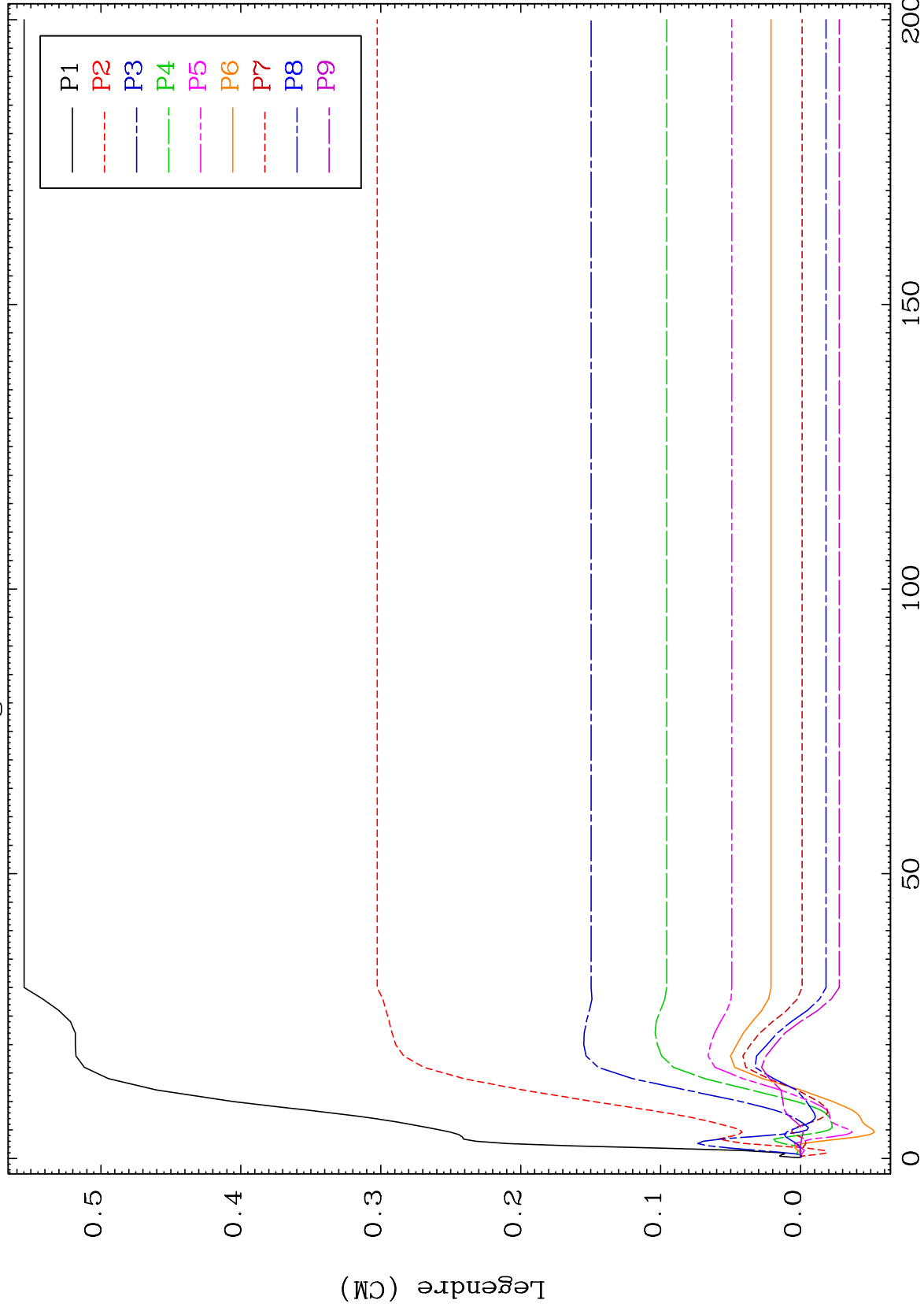
Incident Energy (MeV)

20

MAT 7240

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

72-Hf-179



21

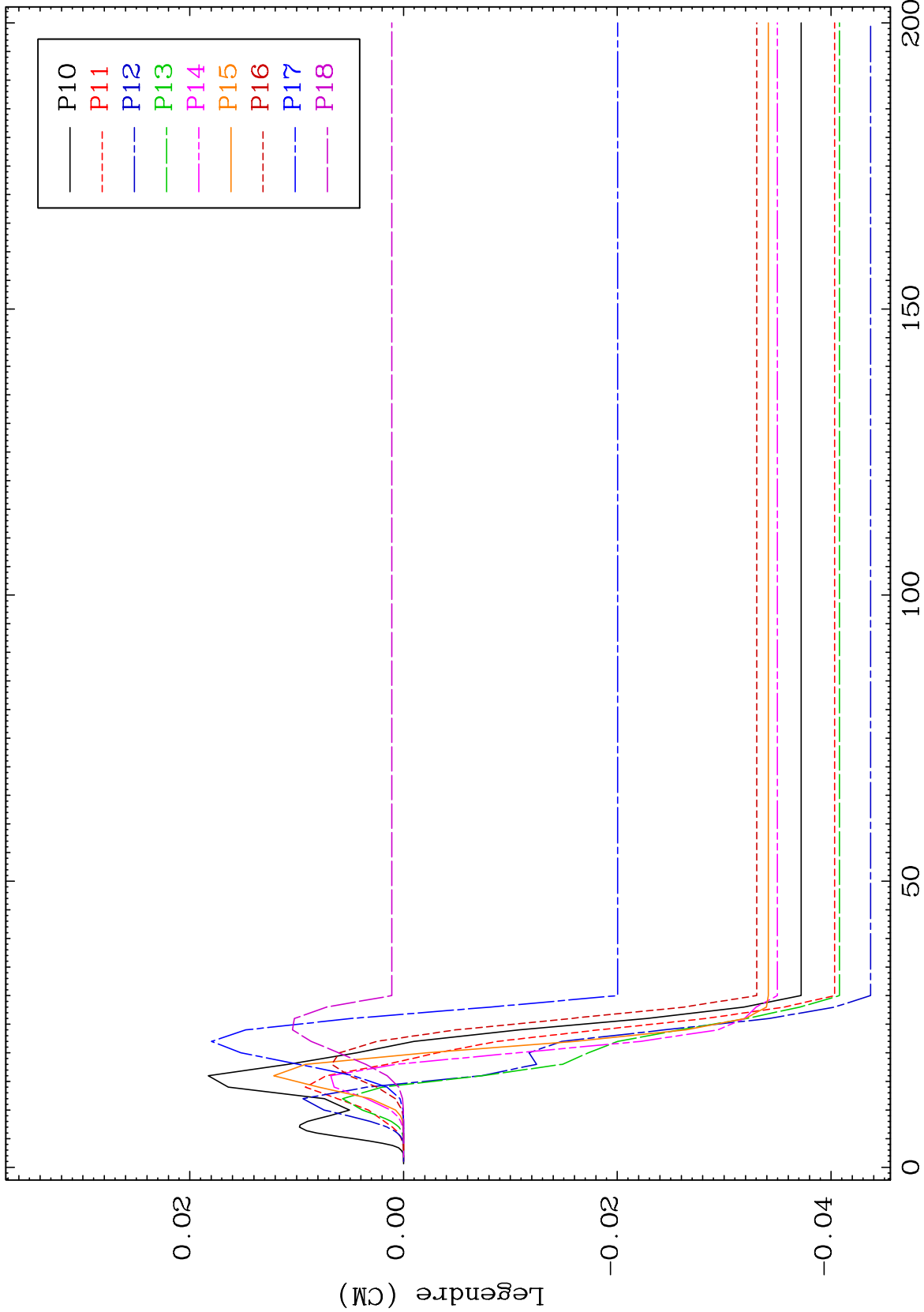
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



22

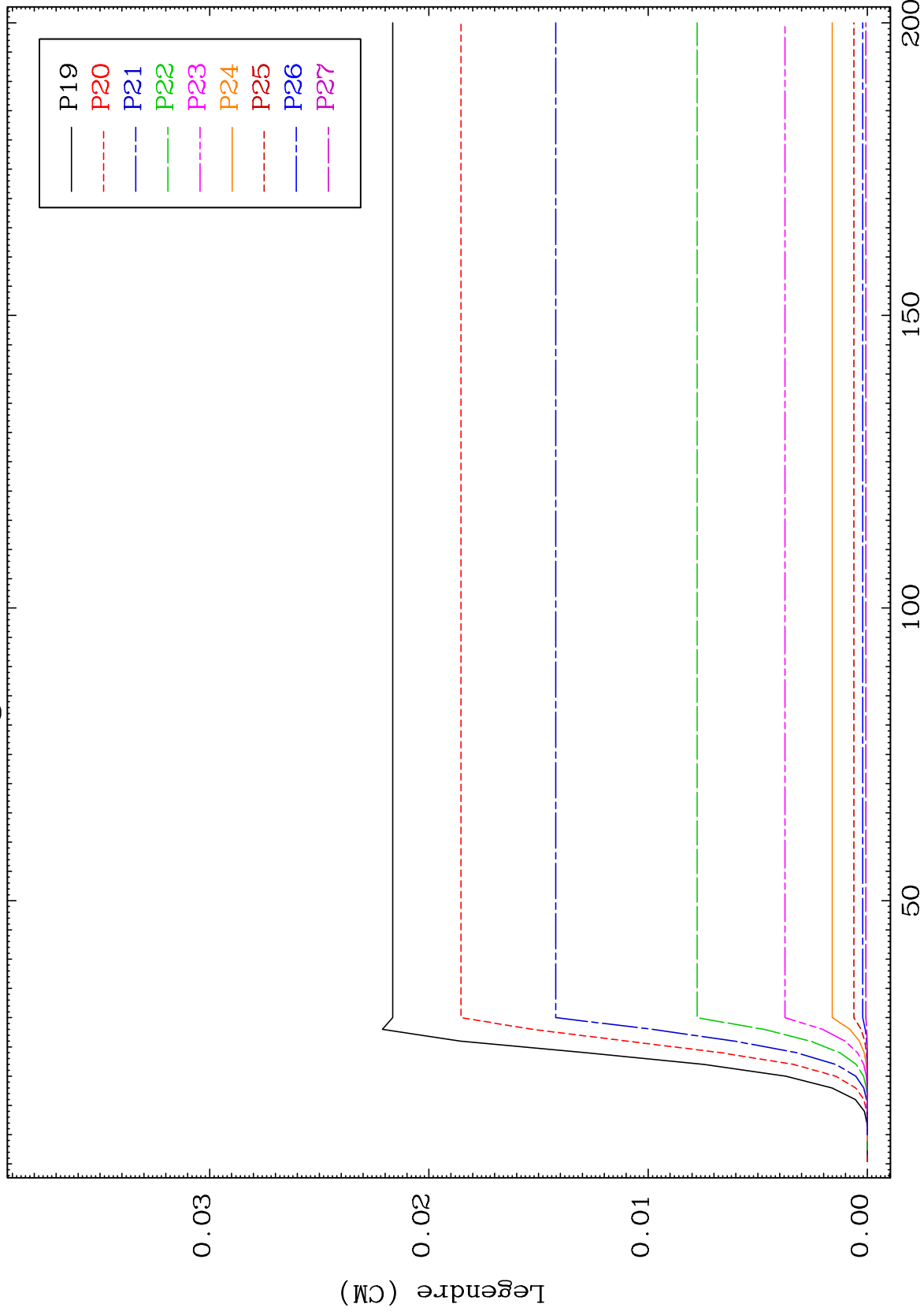
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



23

Incident Energy (MeV)

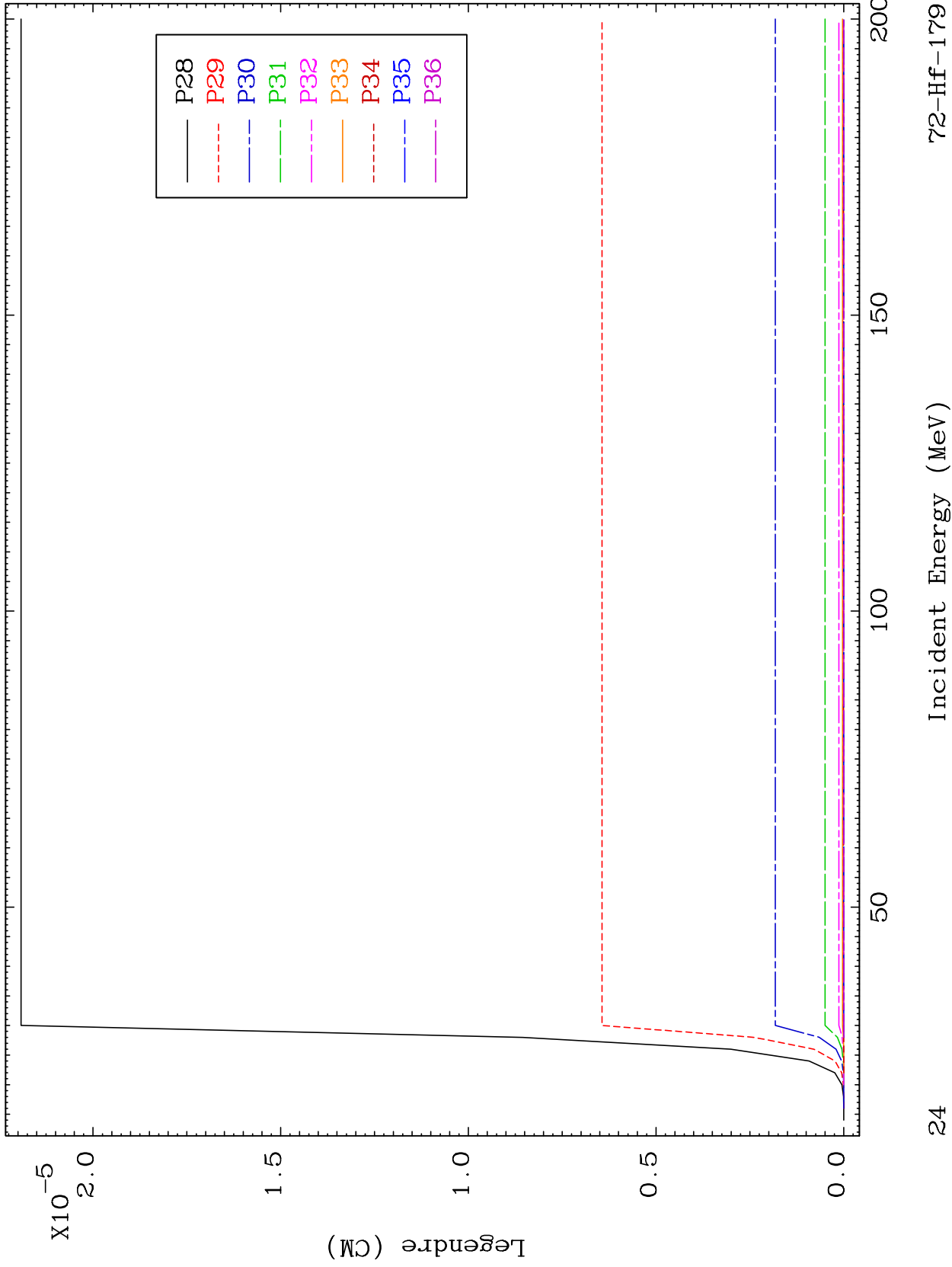
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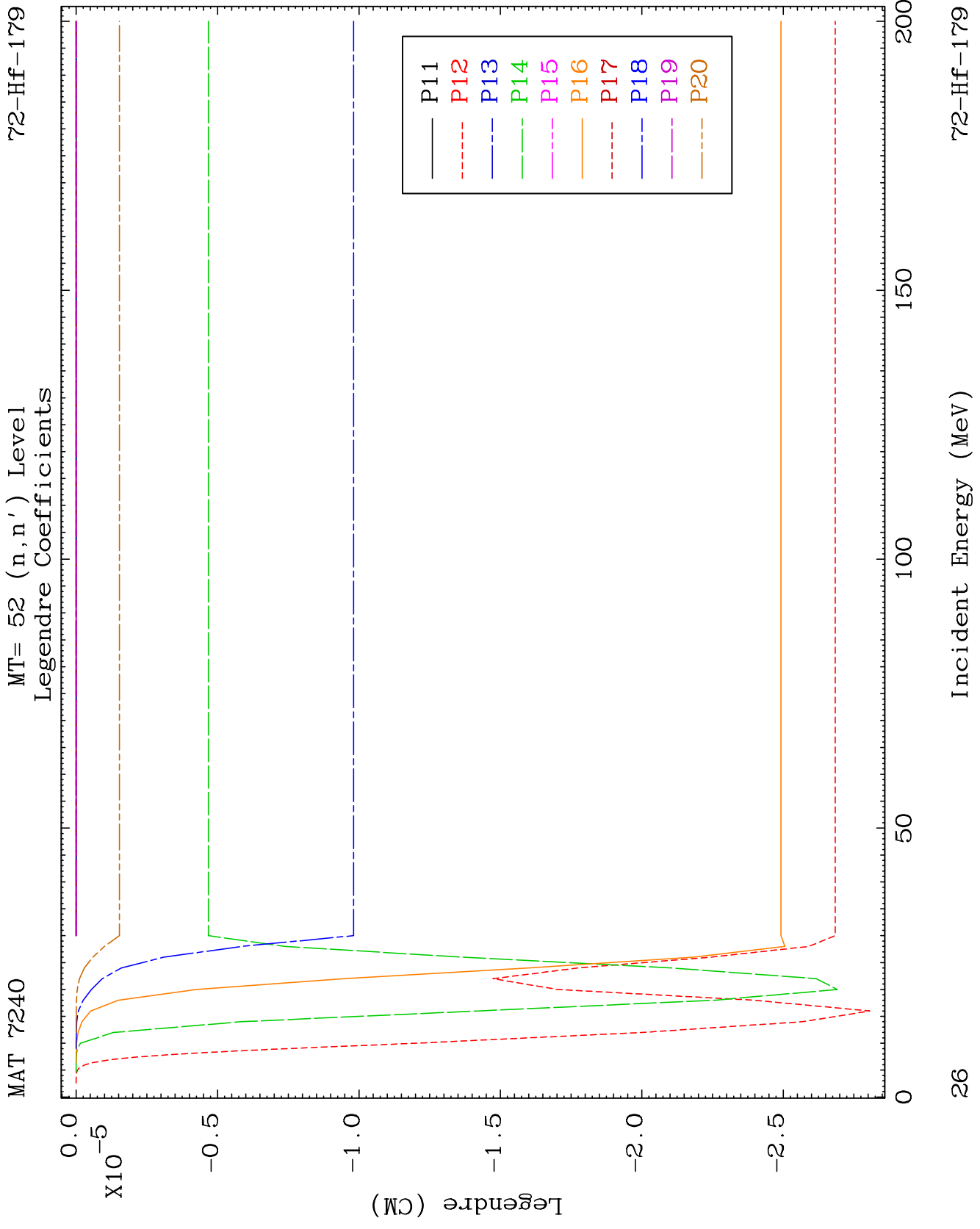
MAT 7240

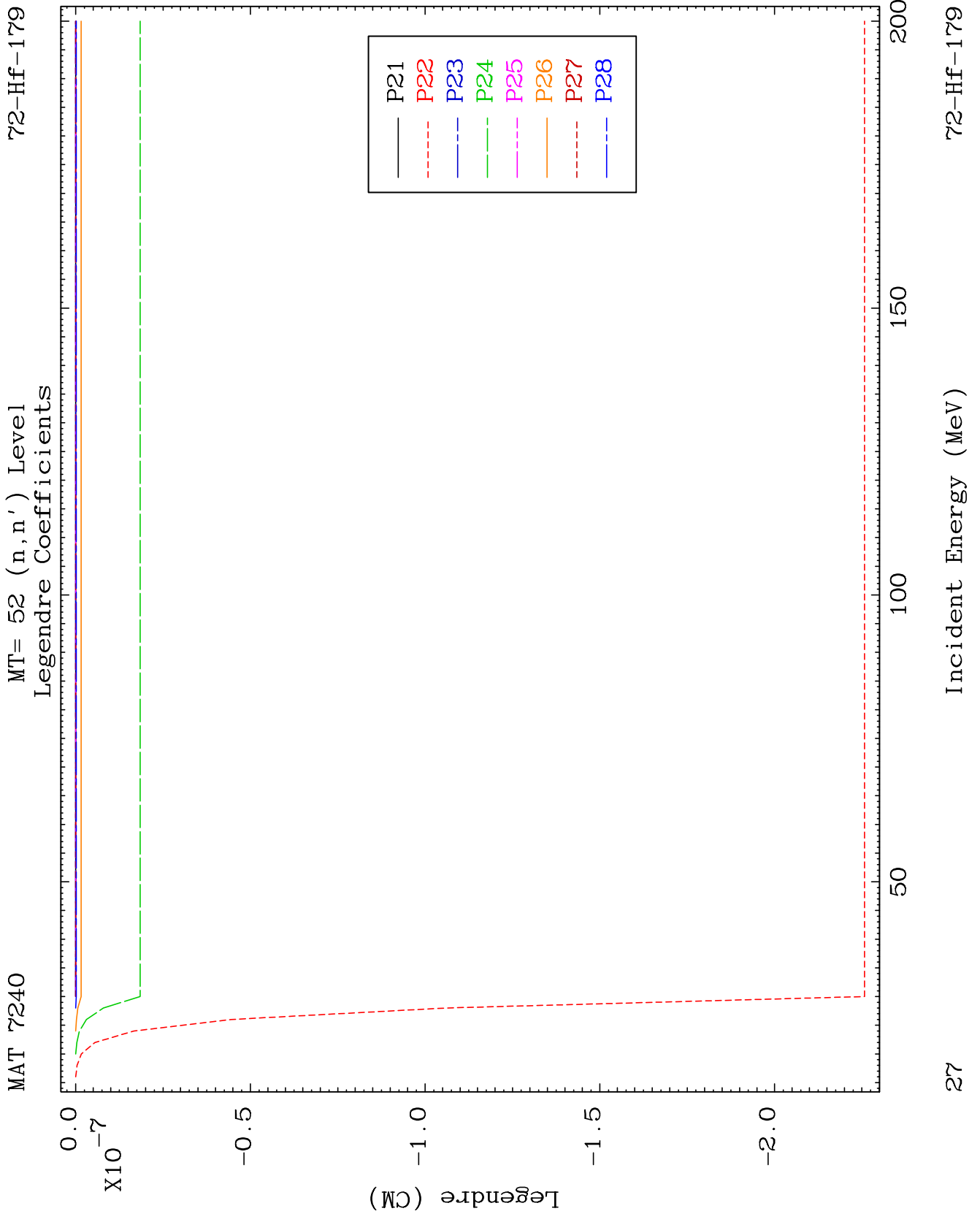
MT= 51 (n,n') Level  
Legendre Coefficients

72-Hf-179





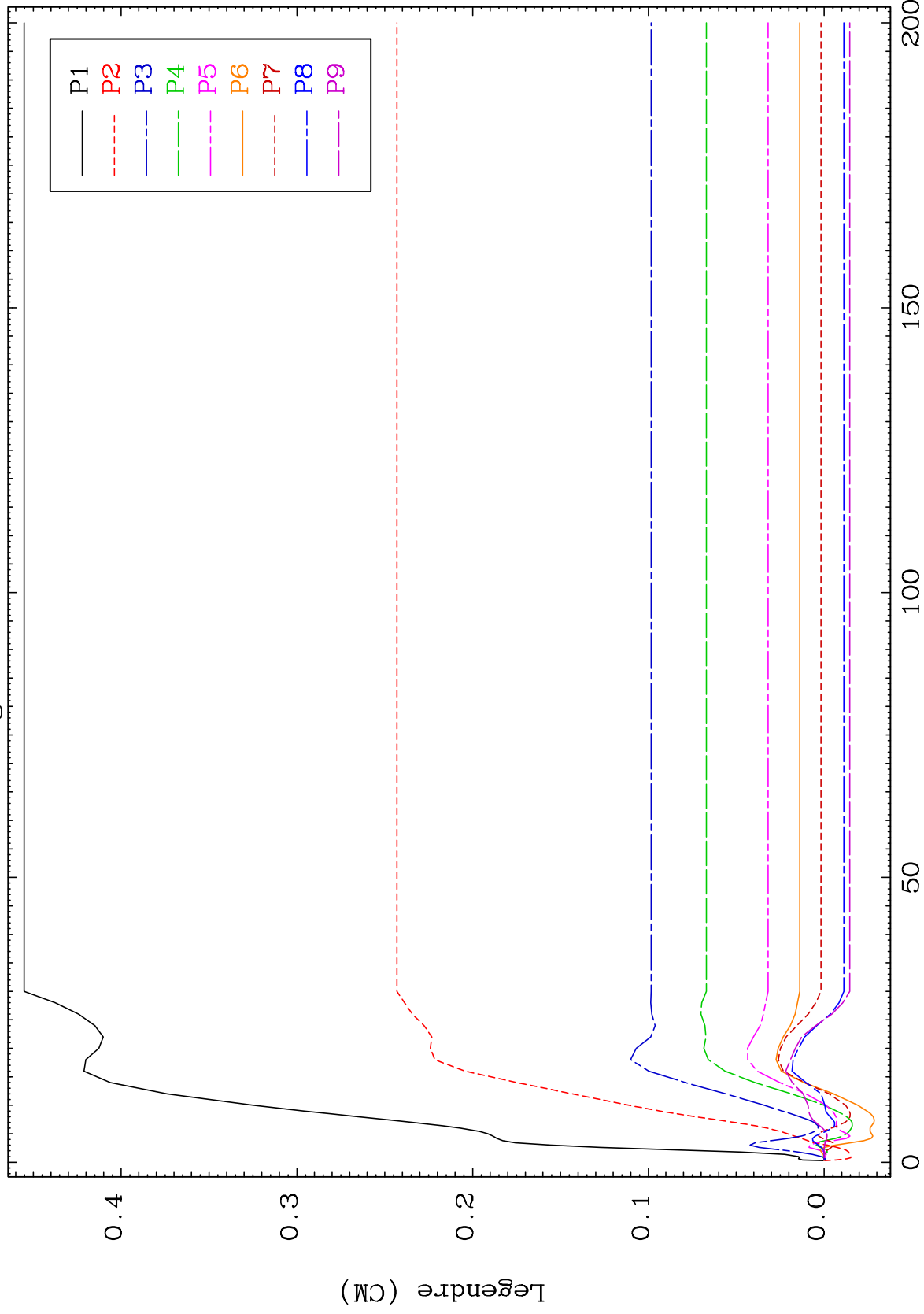




MAT 7240

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

72-Hf-179



28

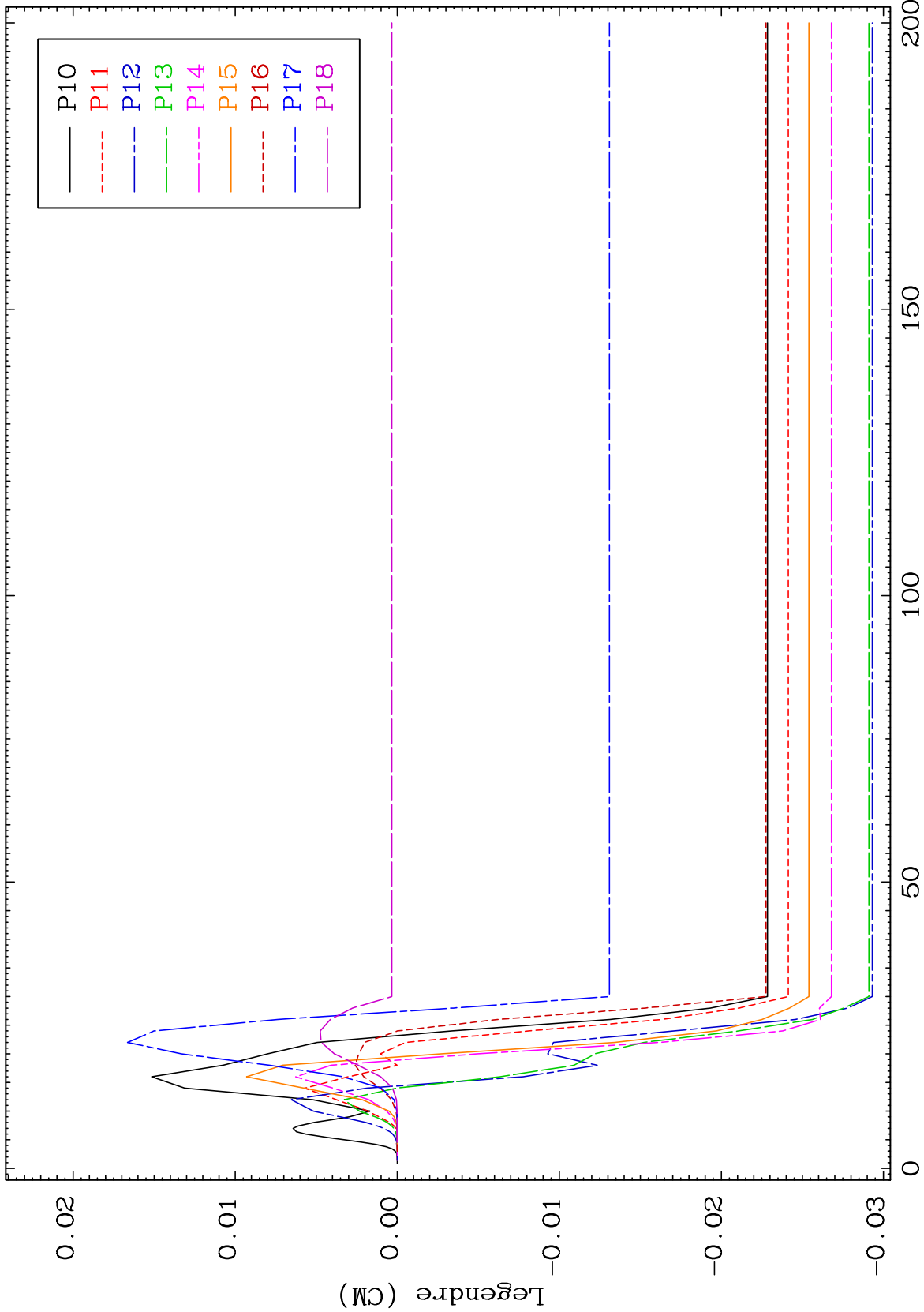
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

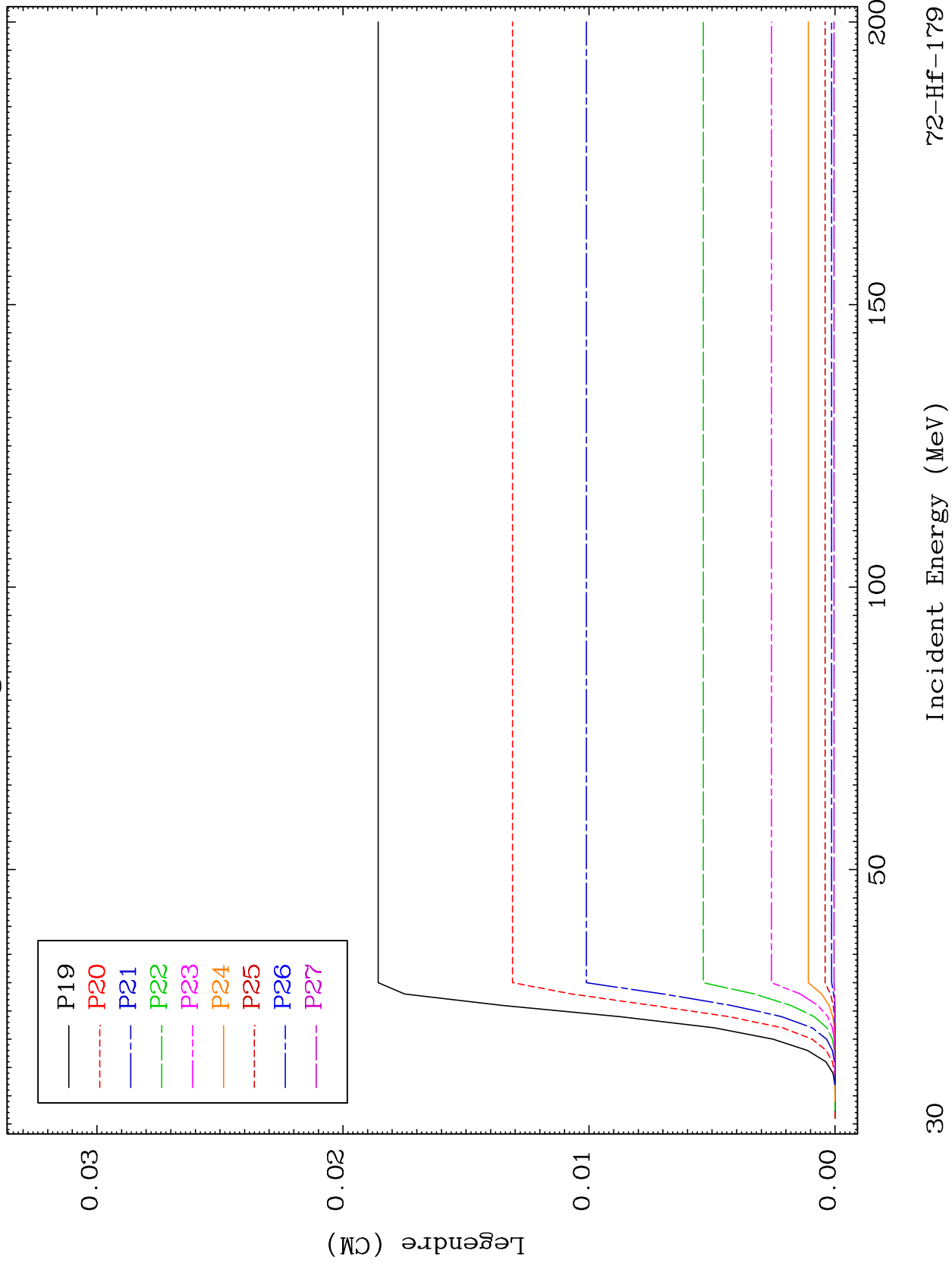
72-Hf-179



MAT 7240

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

72-Hf-179



72-Hf-179

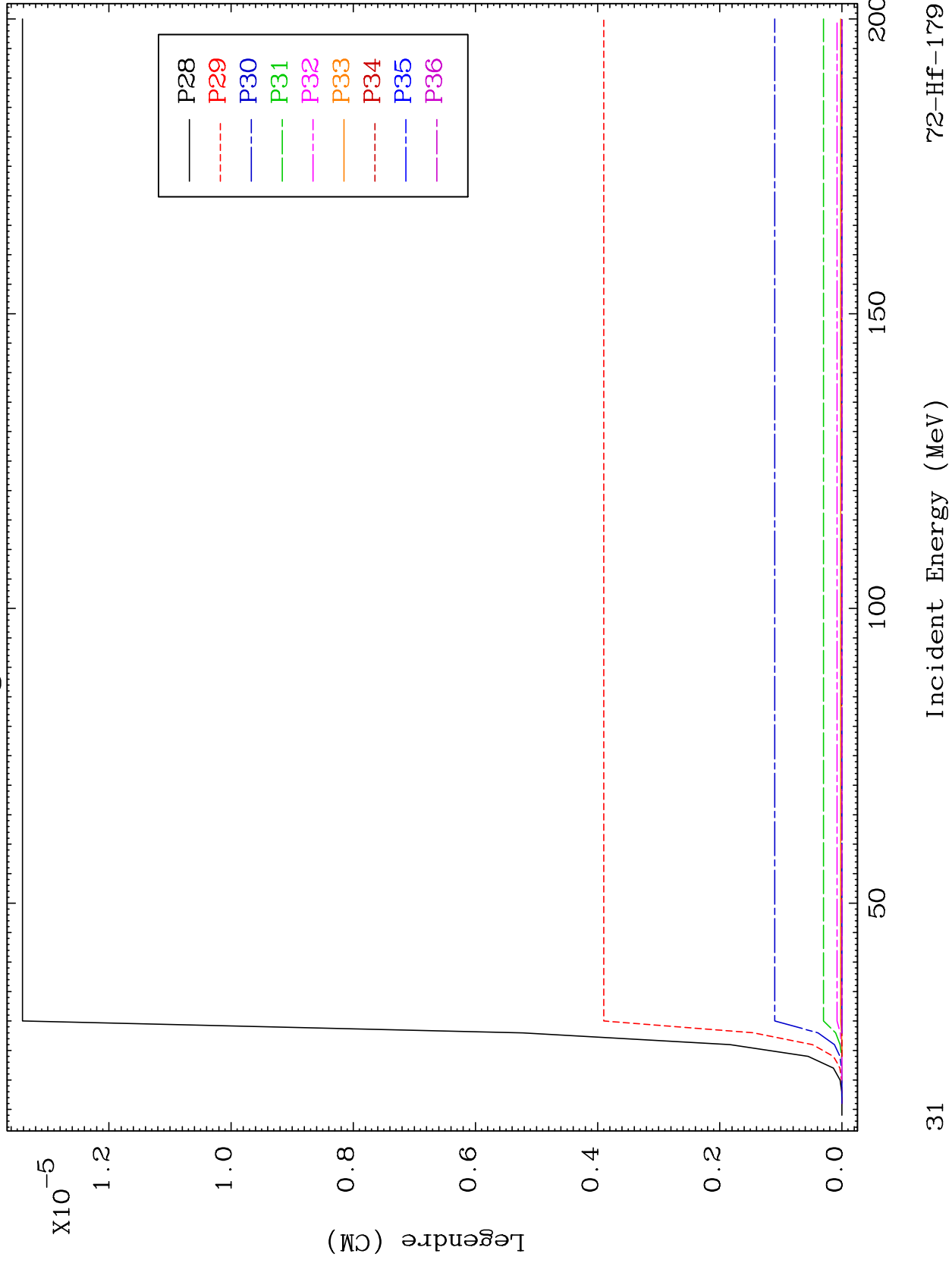
Incident Energy (MeV)

30

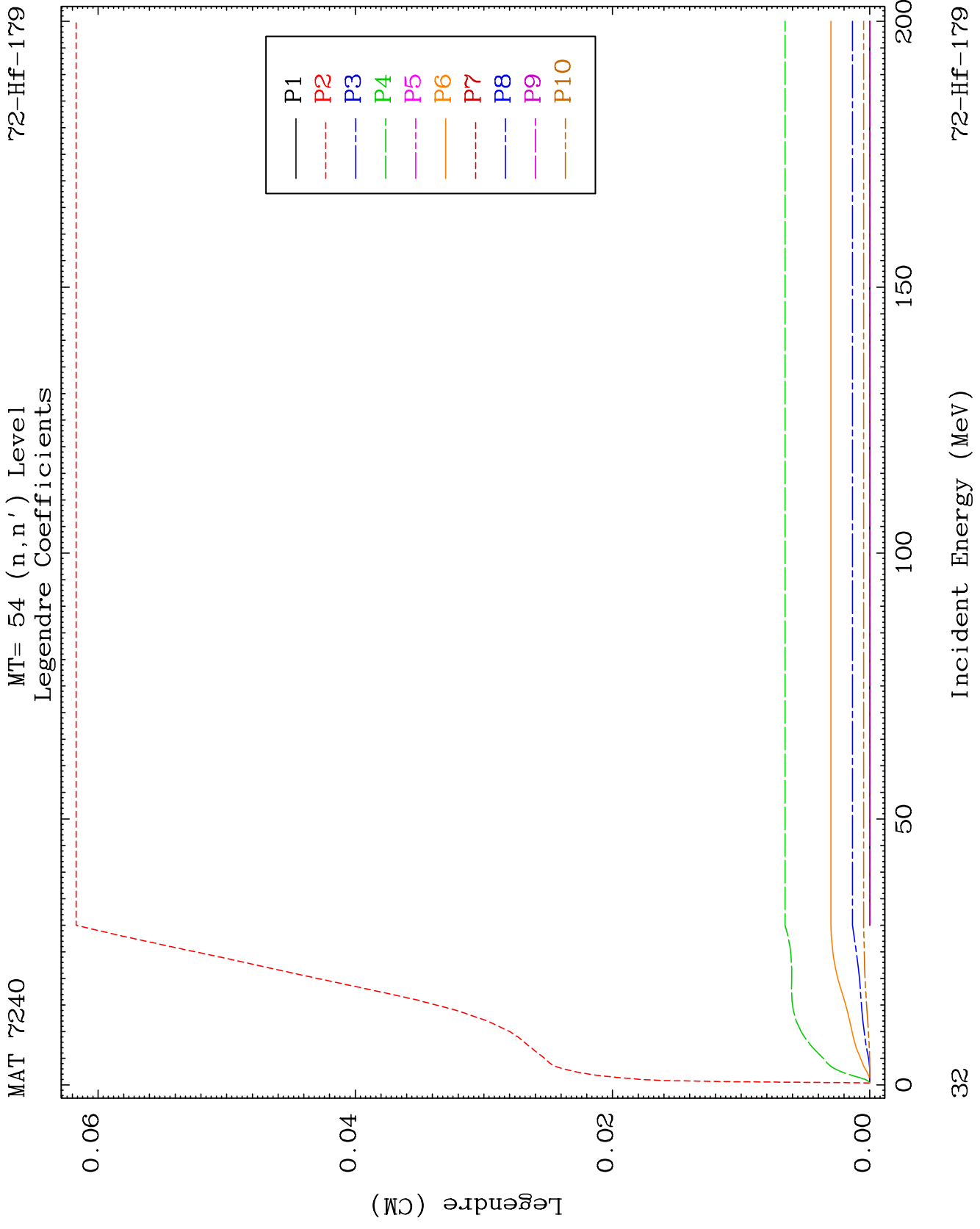
MAT 7240

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

72-Hf-179



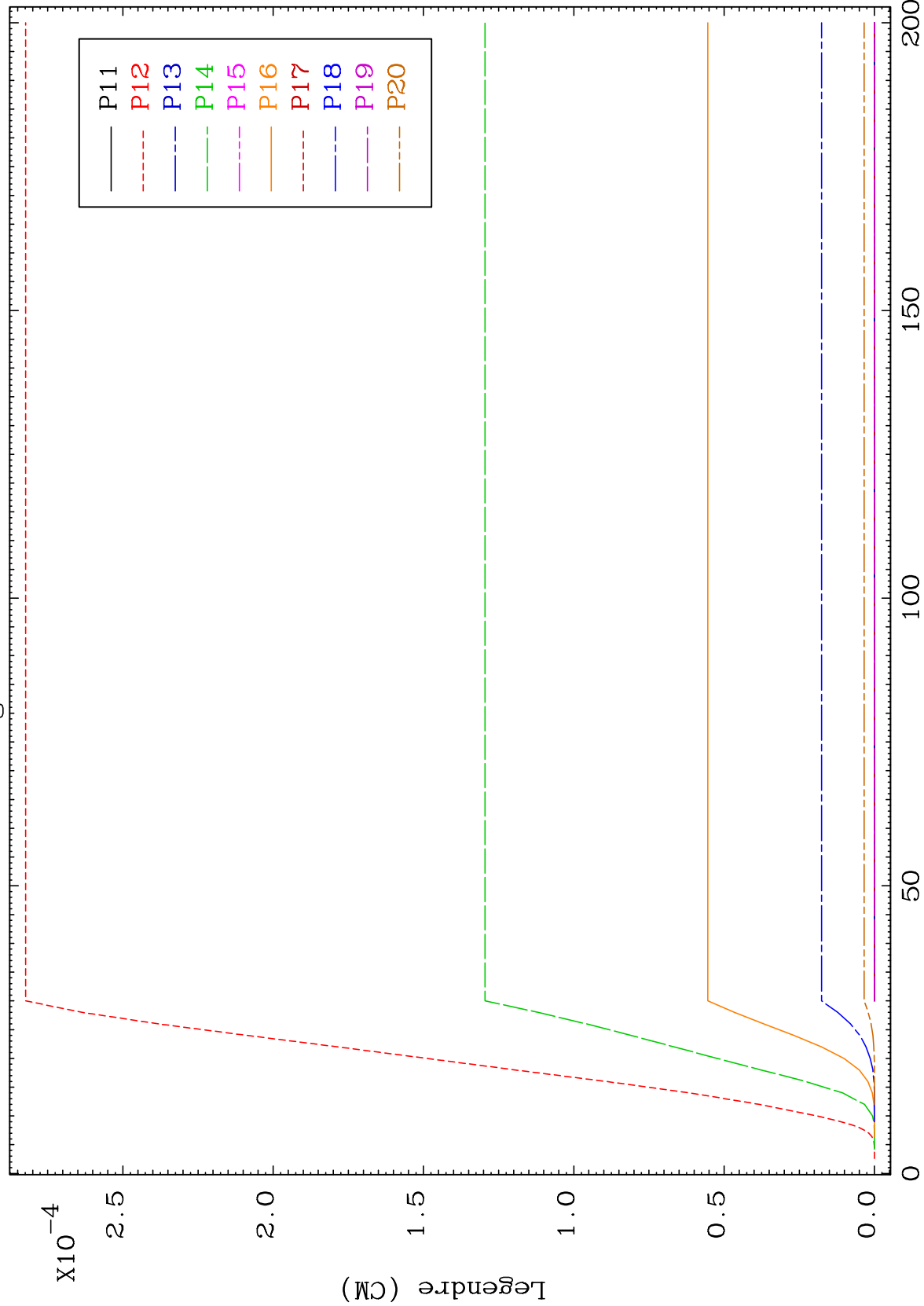




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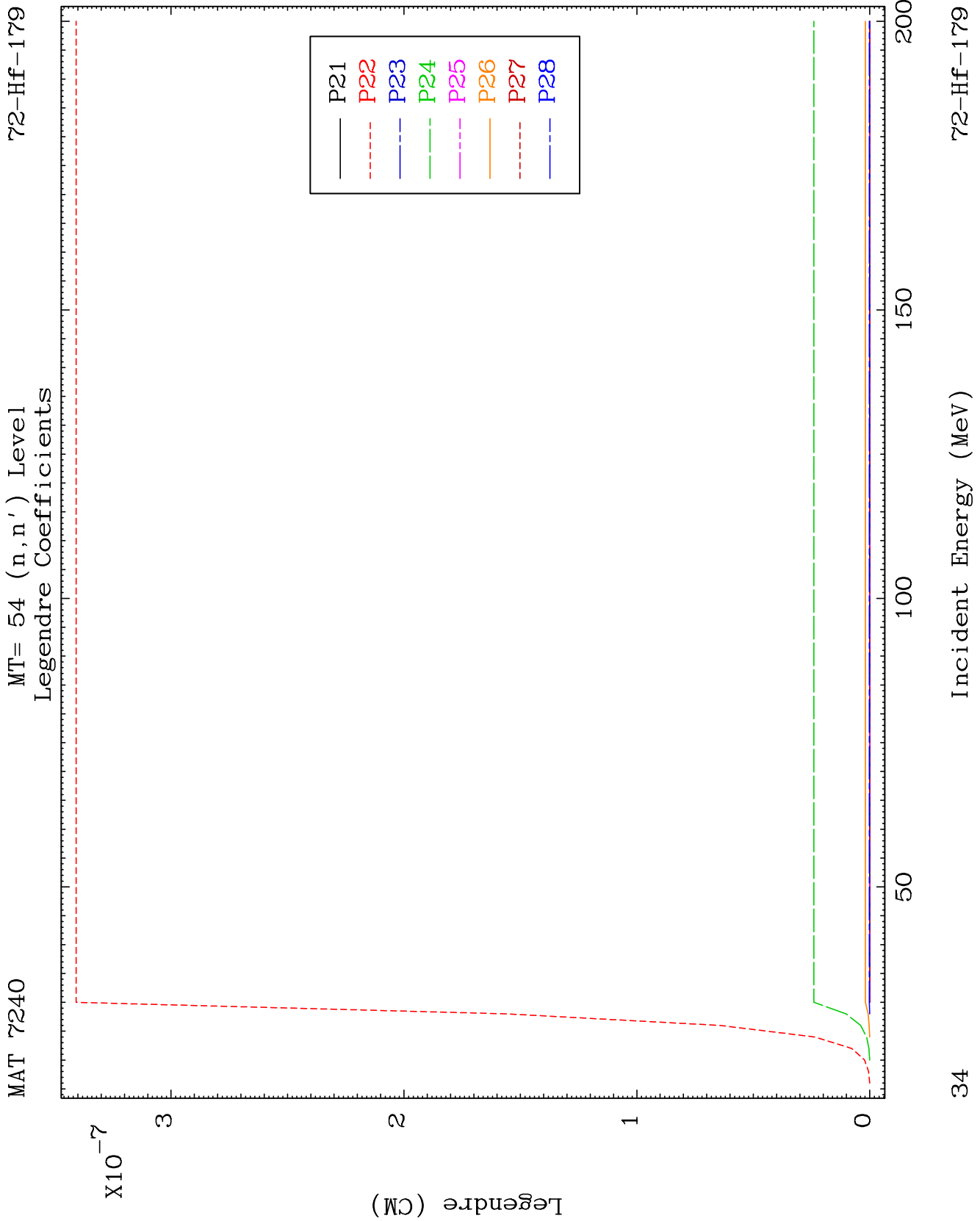
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Legendre Coefficients

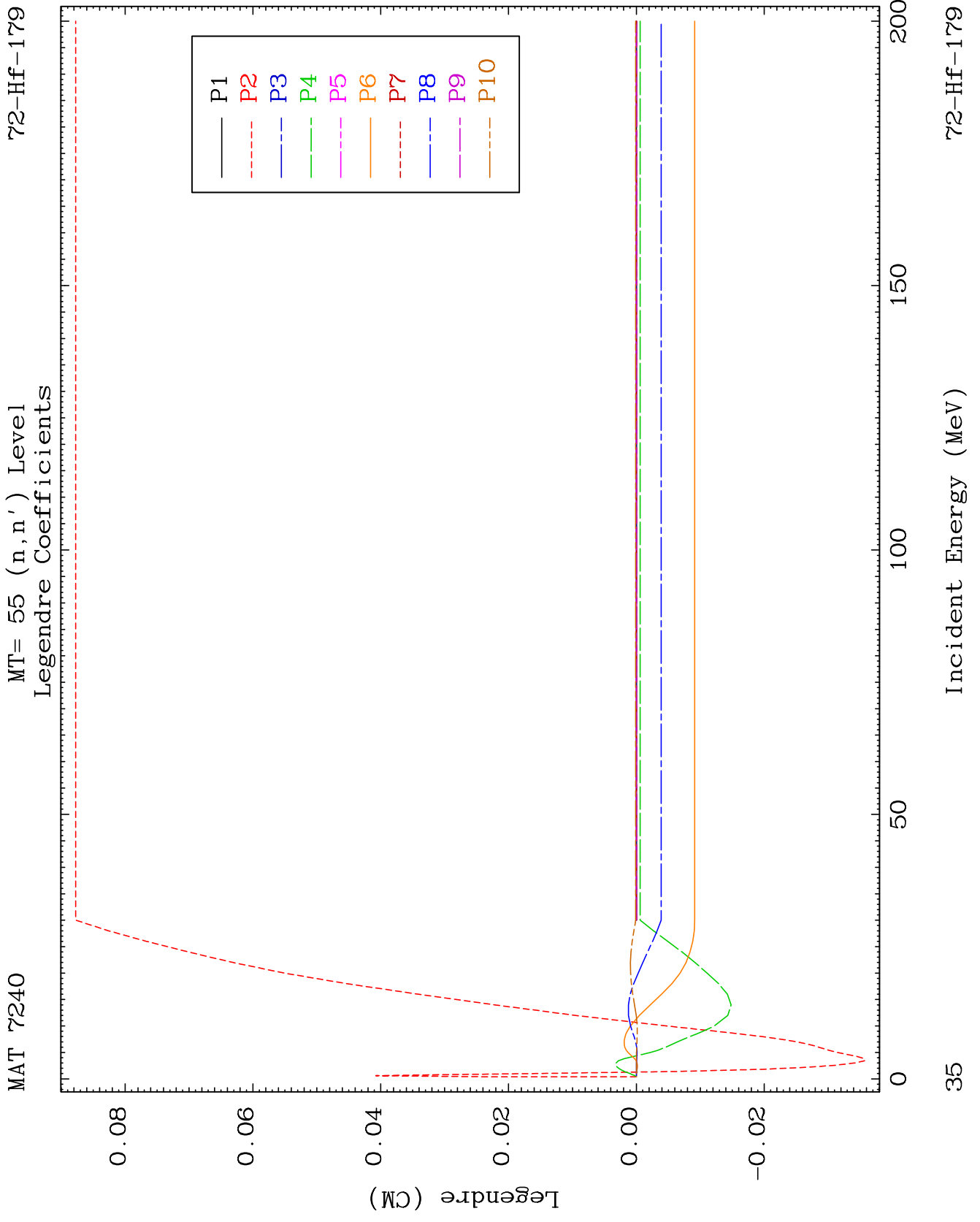
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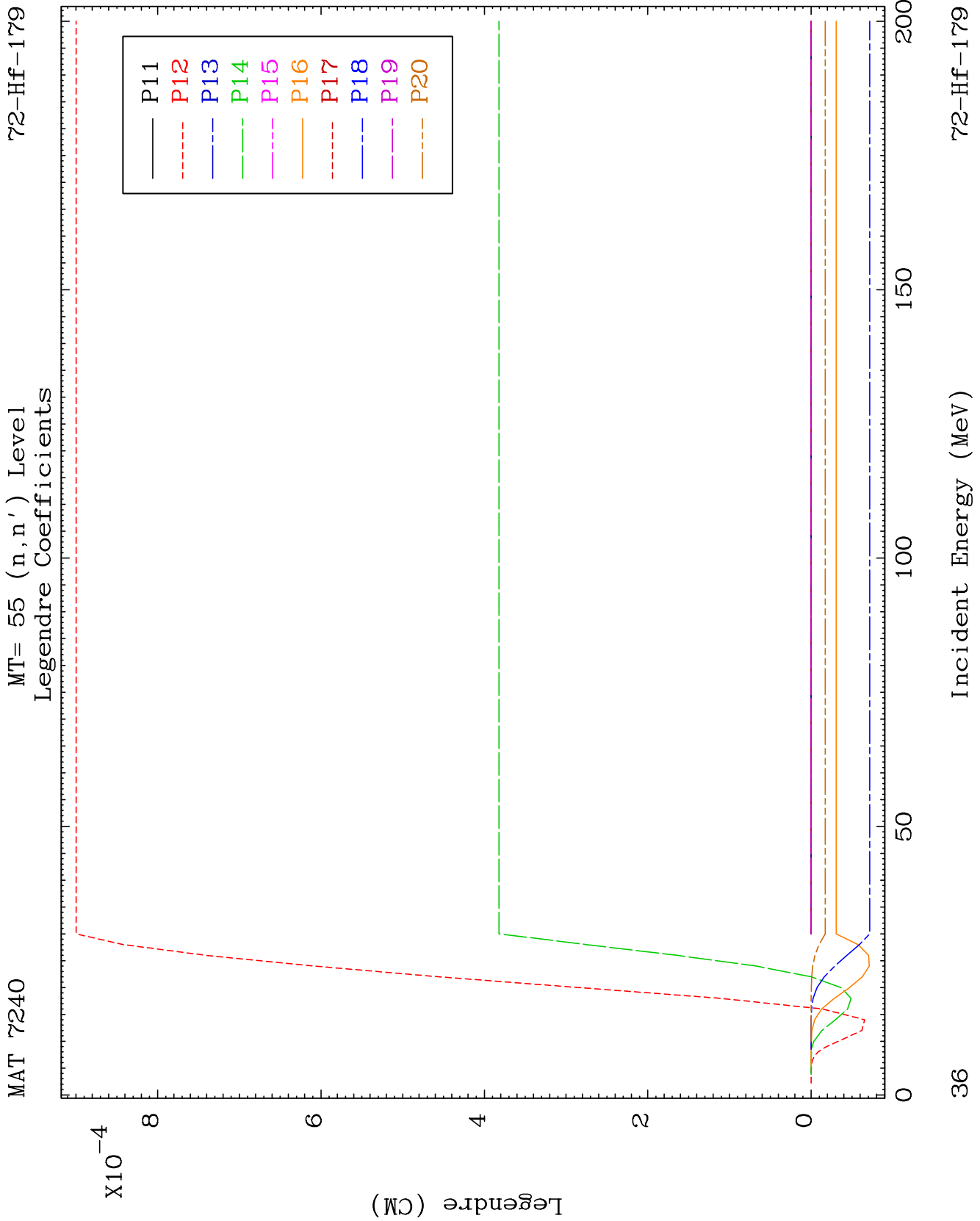


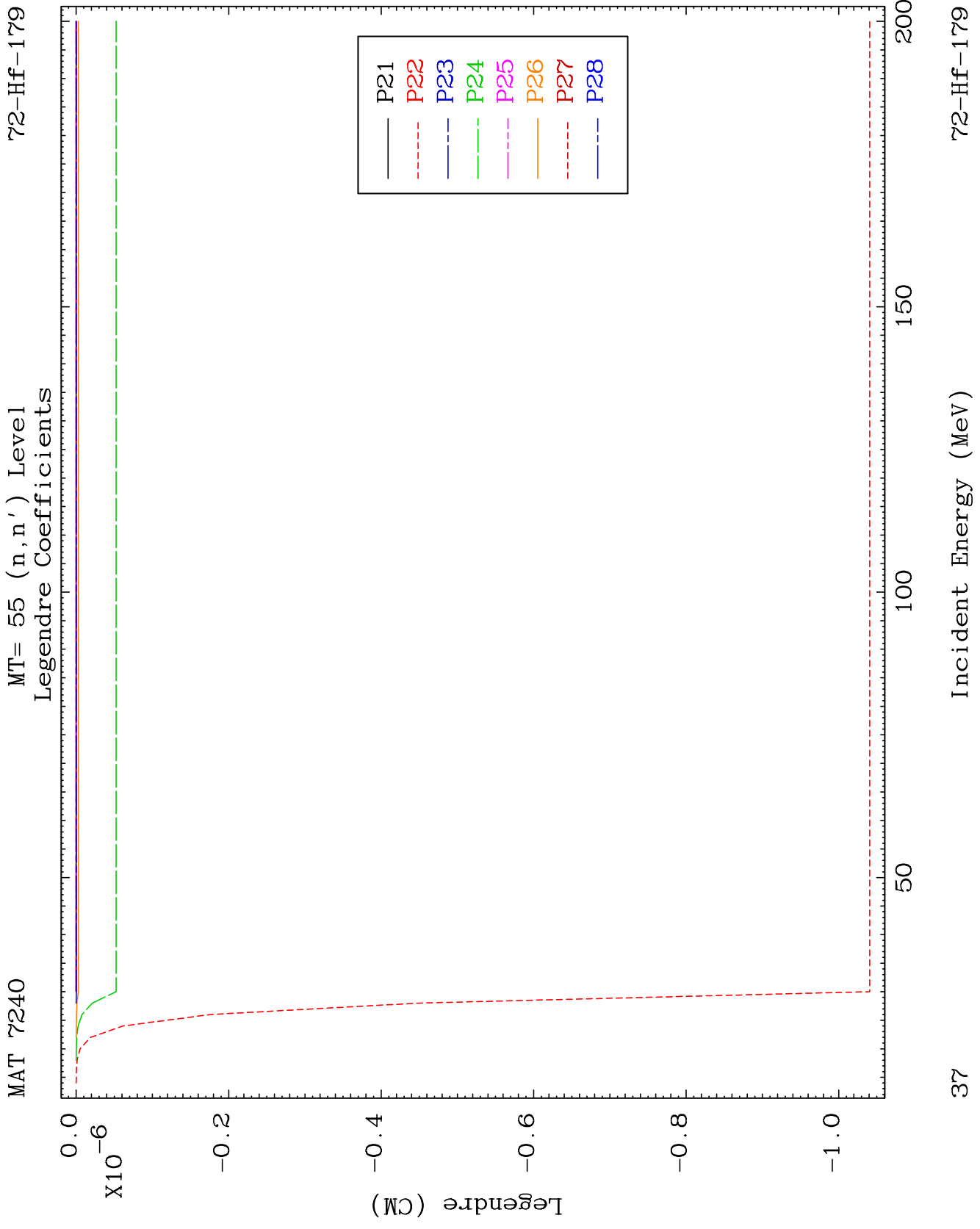
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72-Hf-179





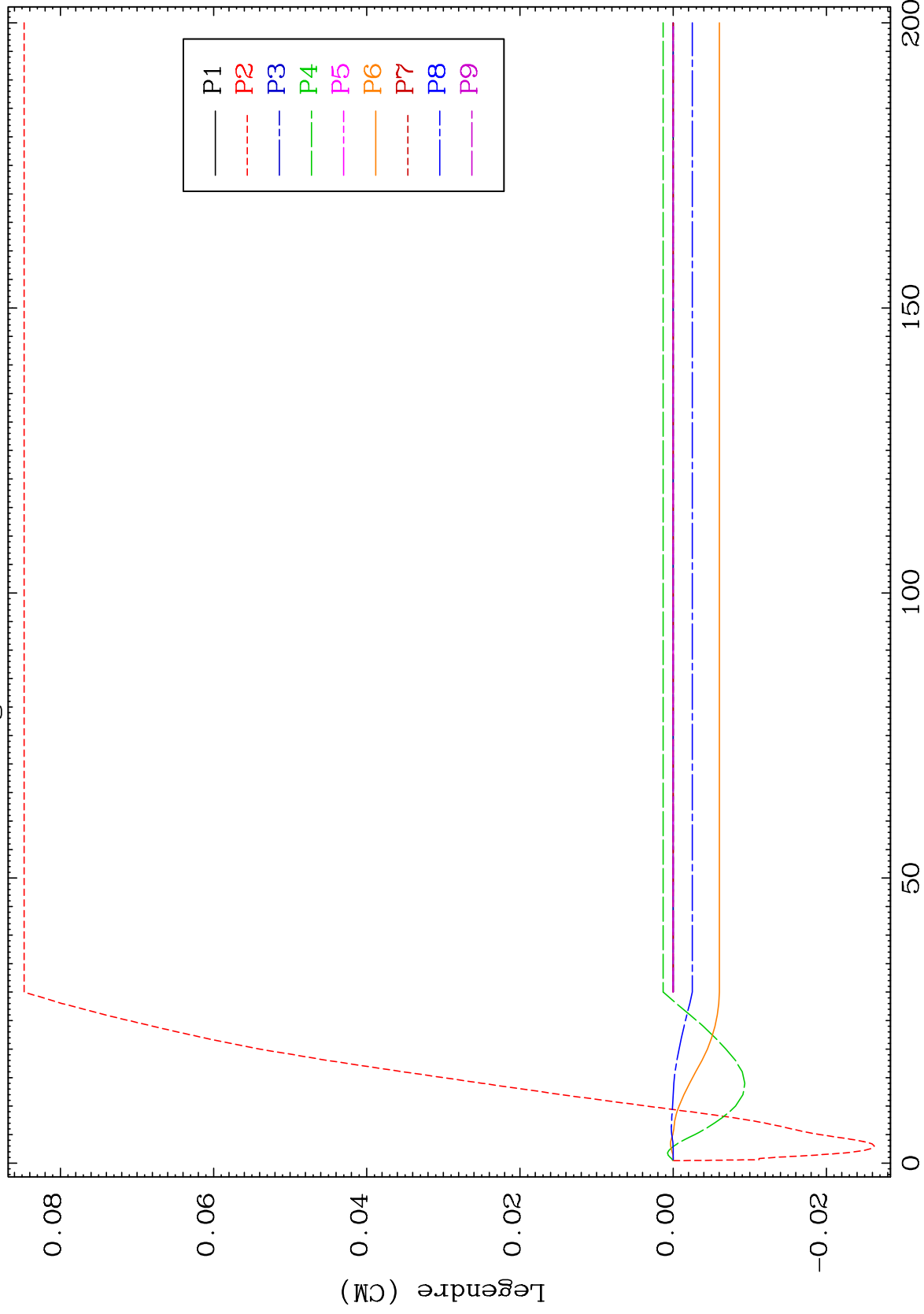




MAT 7240

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

72-Hf-179



72-Hf-179

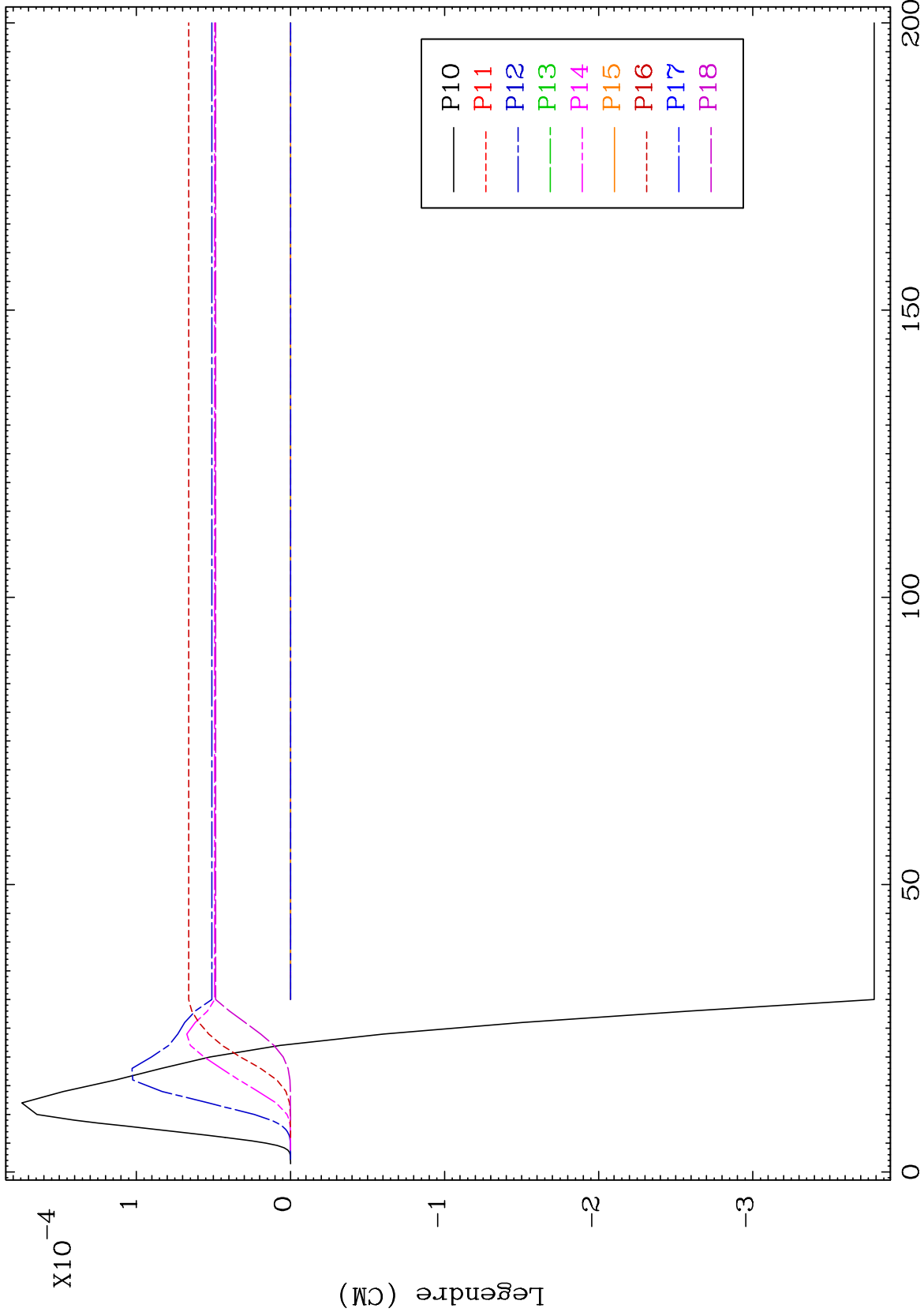
Incident Energy (MeV)

38

MAT 7240

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

72-Hf-179



39

Incident Energy (MeV)

72-Hf-179

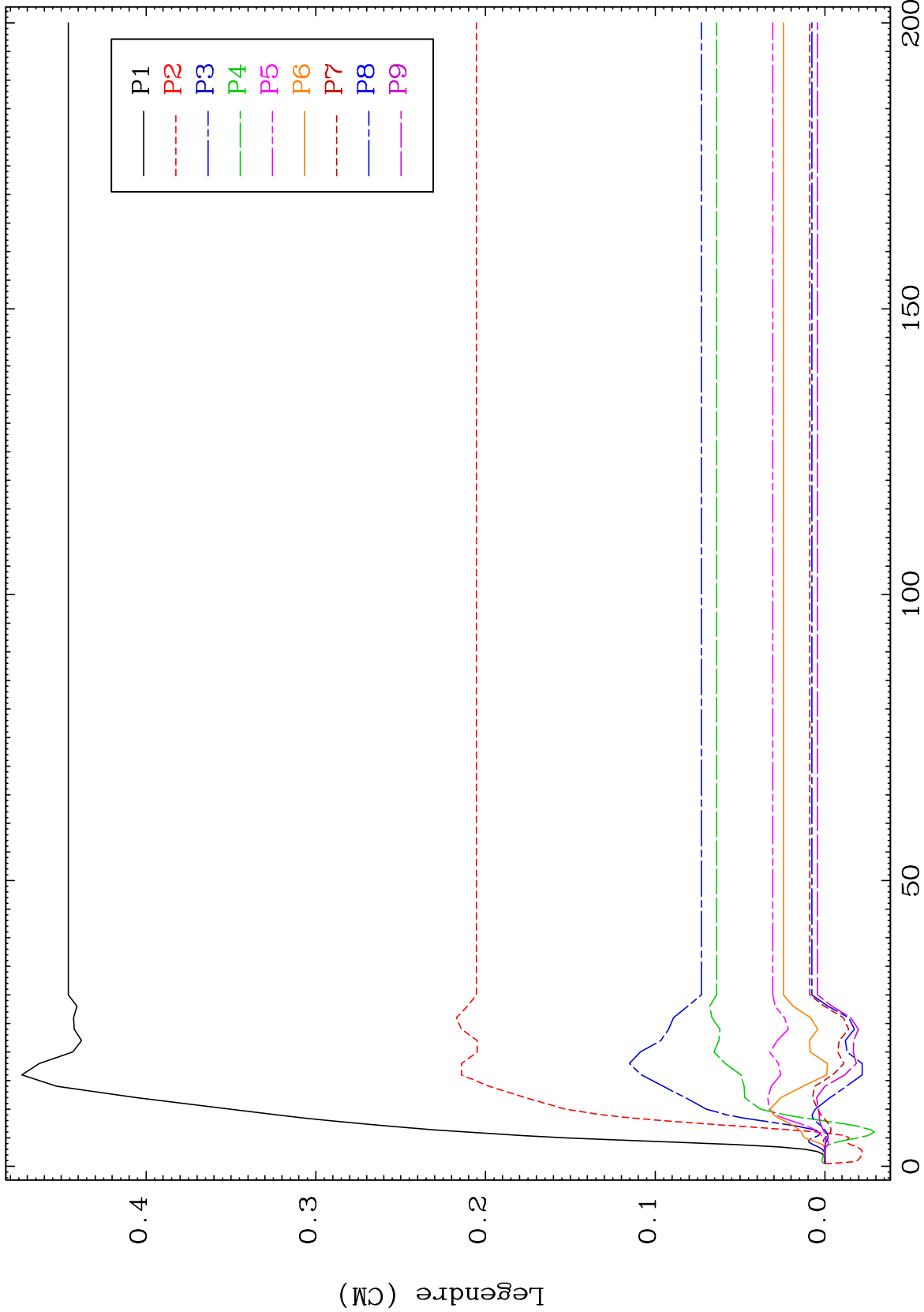




MAT 7240

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

72-Hf-179



41

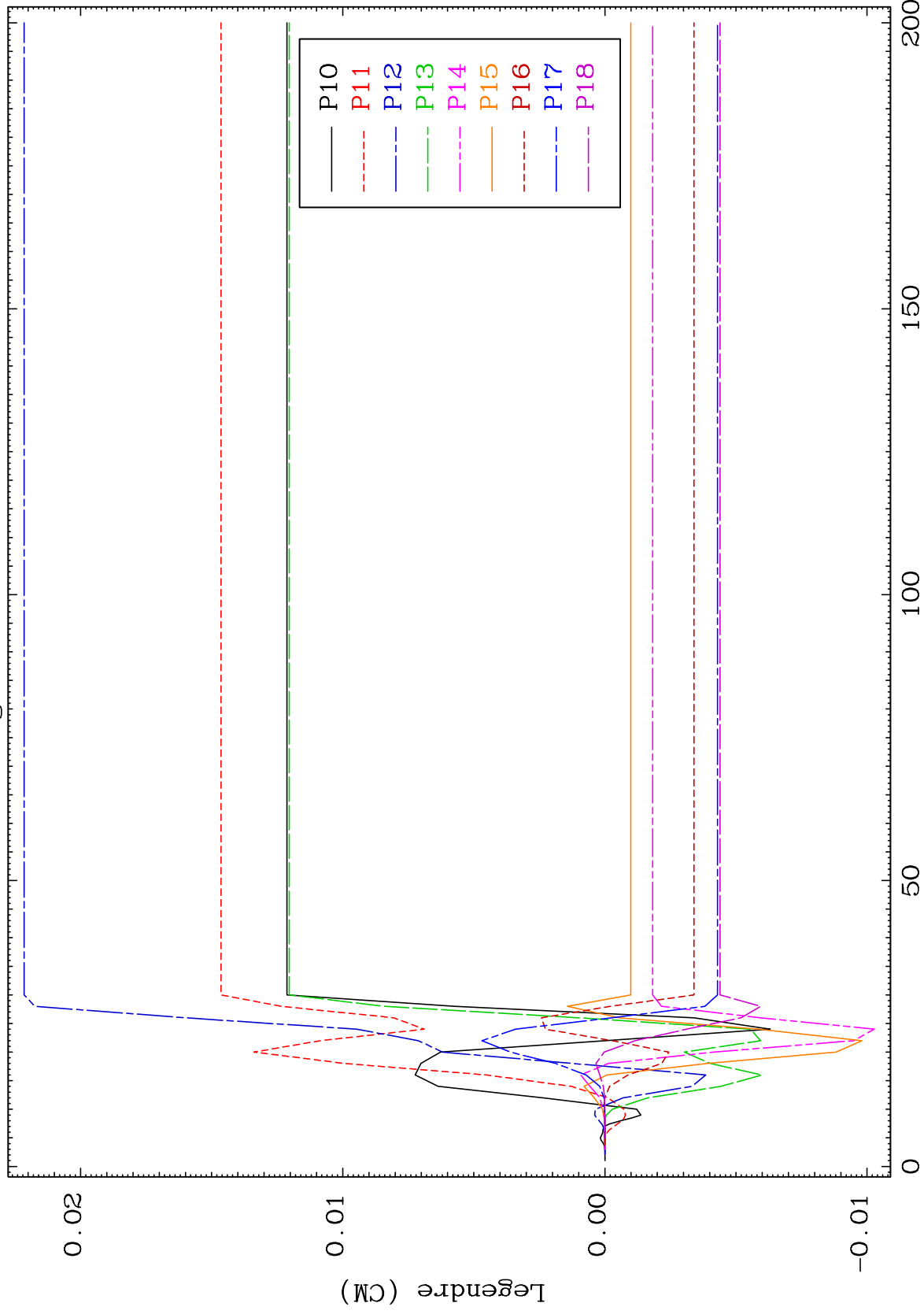
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



42

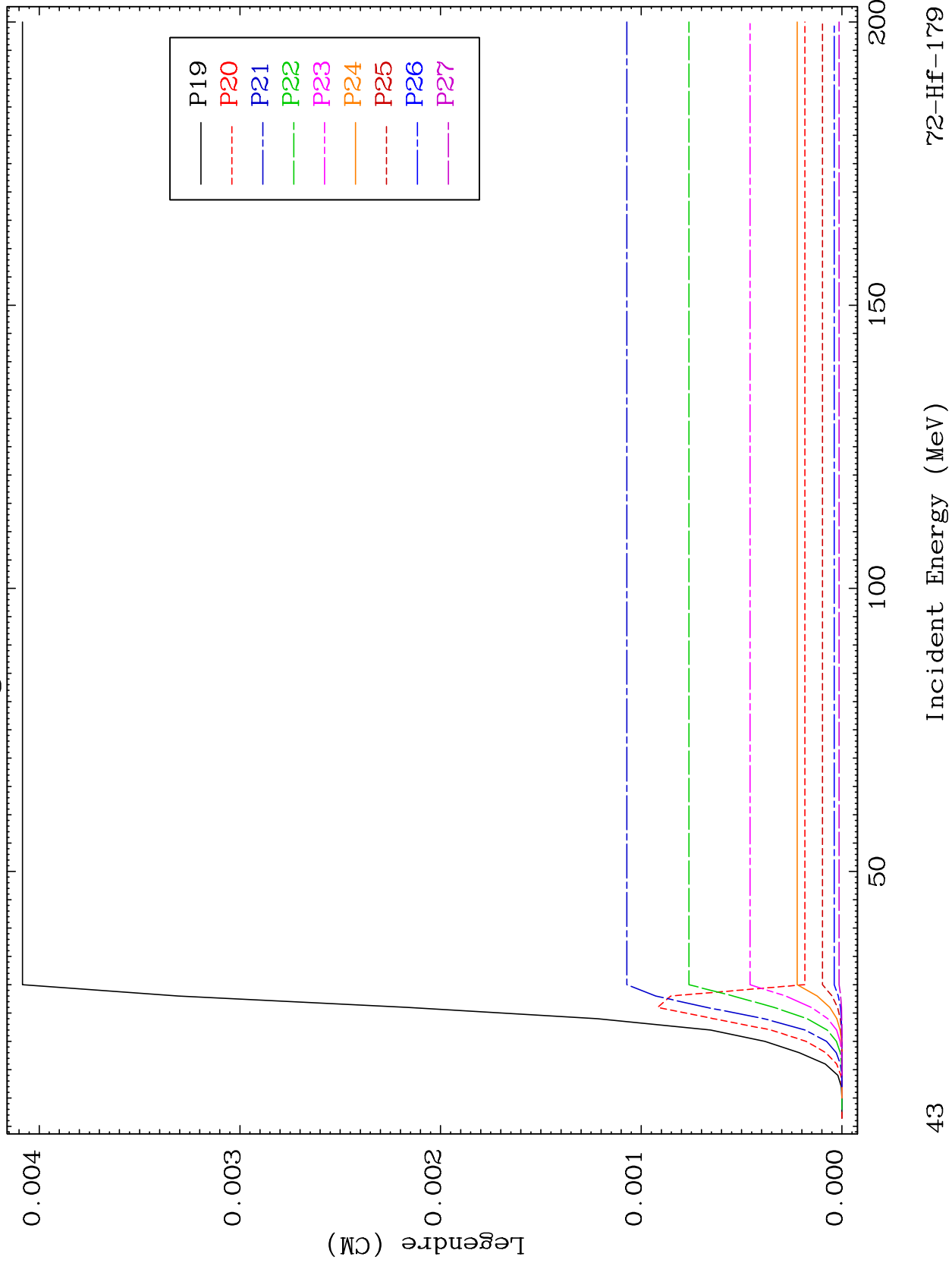
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



43

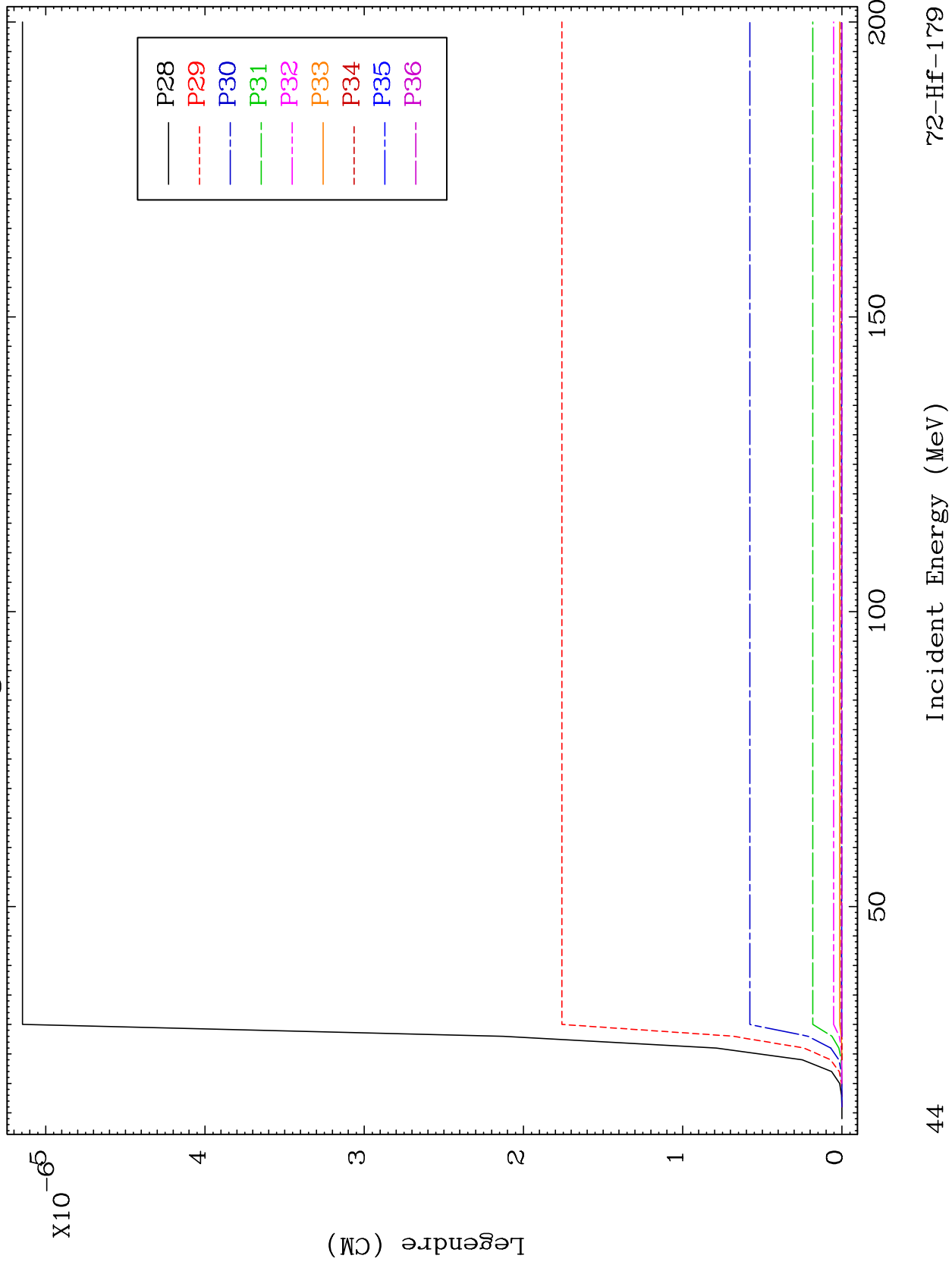
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



44

Incident Energy (MeV)

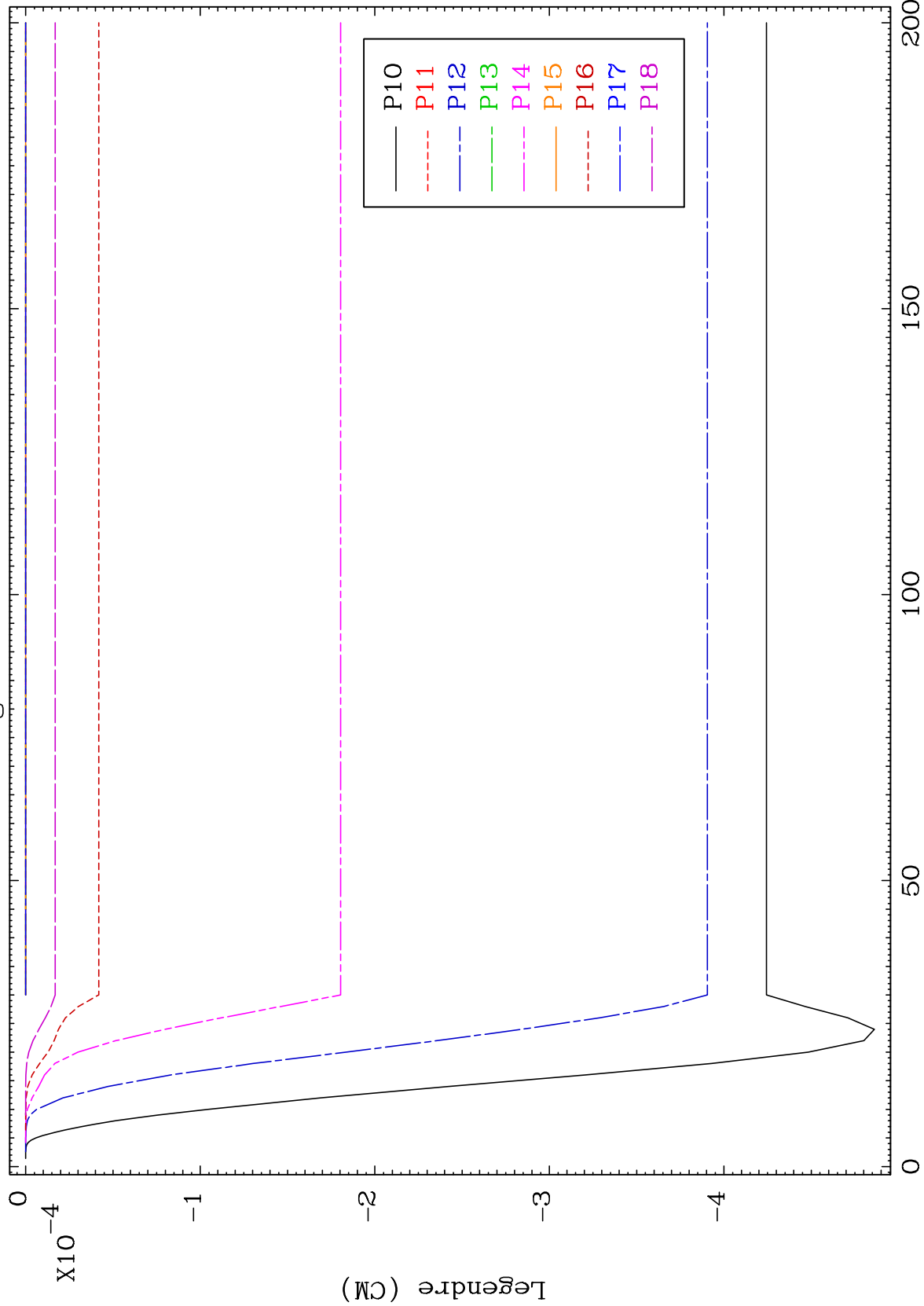
72-Hf-179



MAT 7240

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

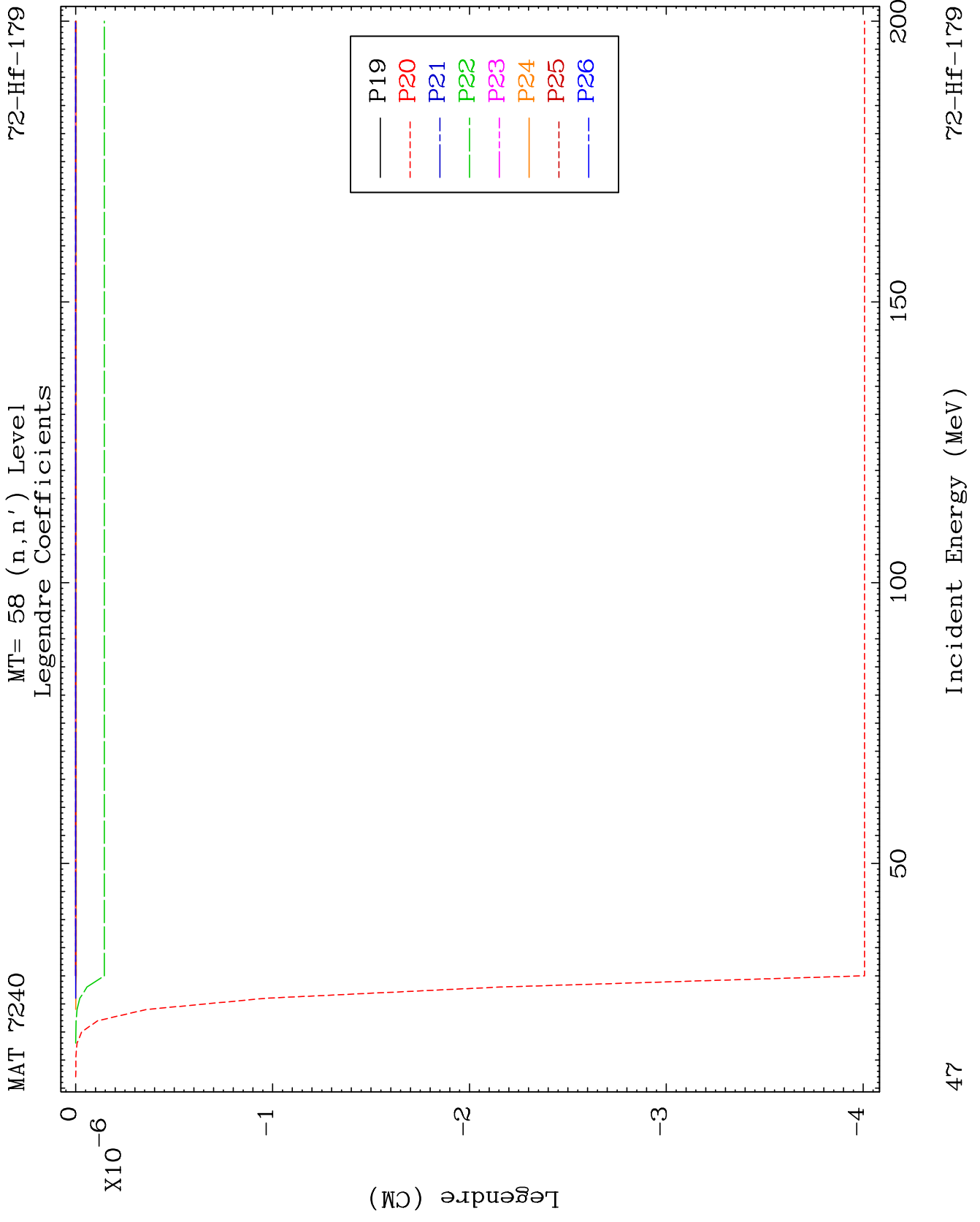
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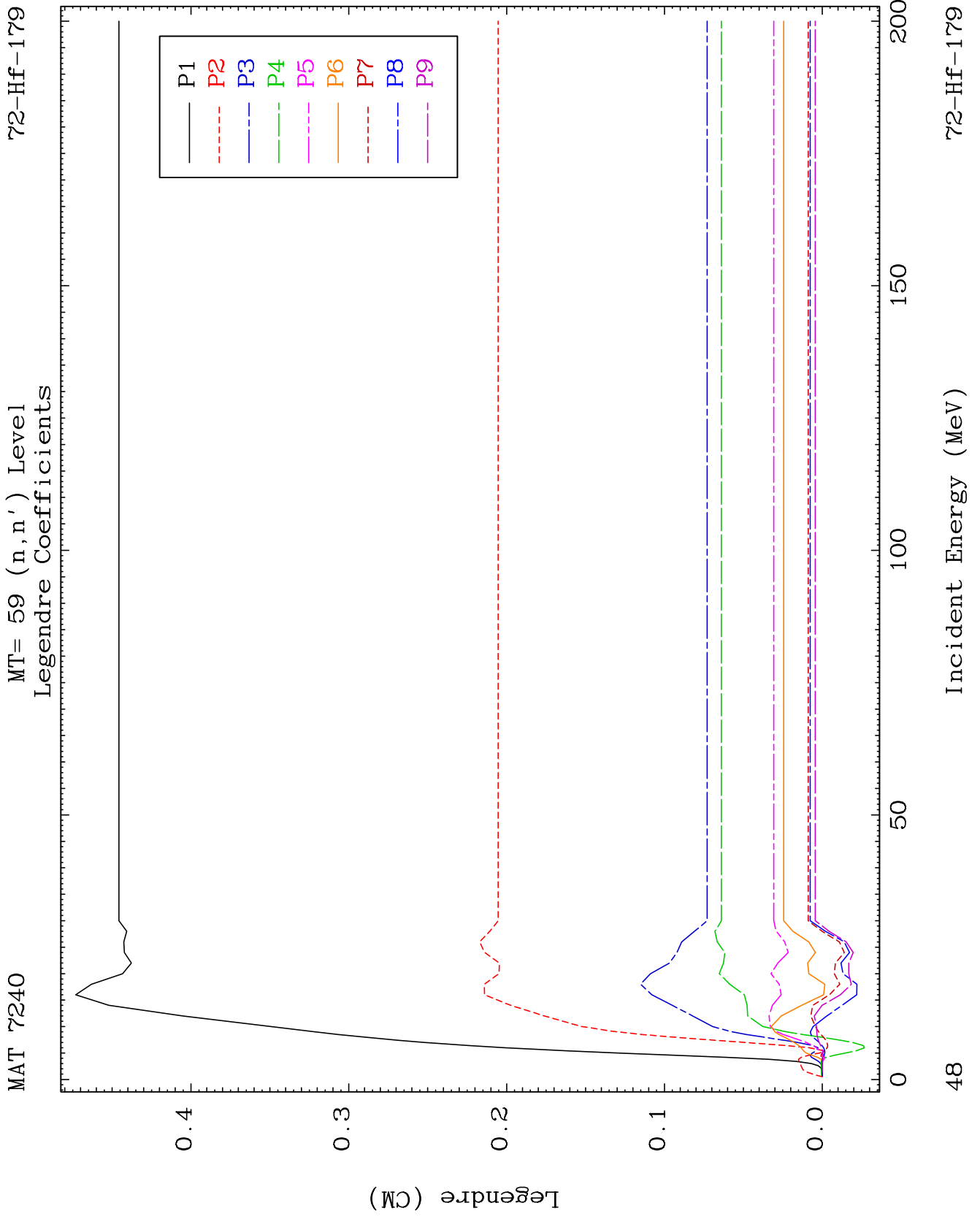
72-Hf-179

Incident Energy (MeV)

46



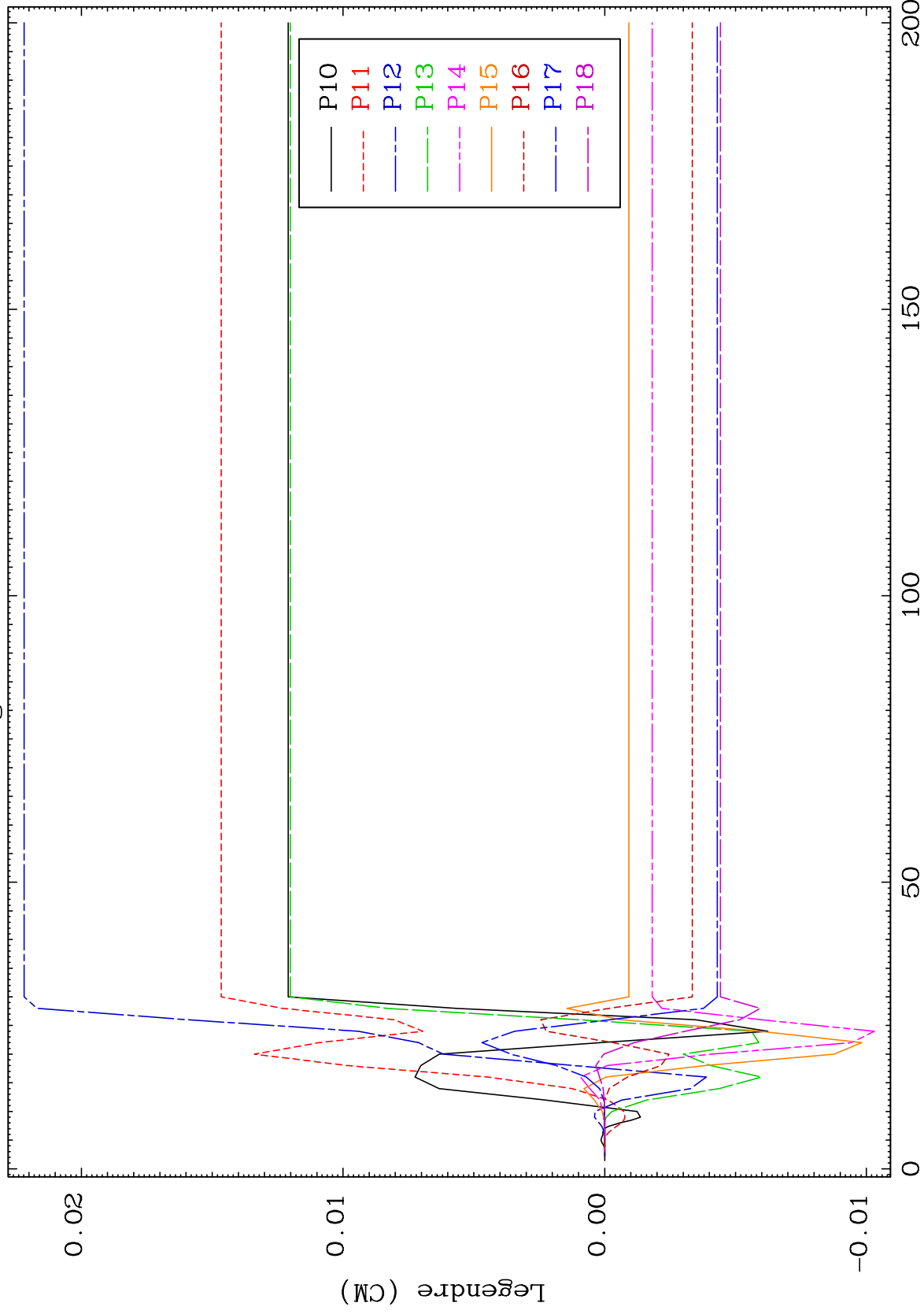




MAT 7240

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

72-Hf-179



49

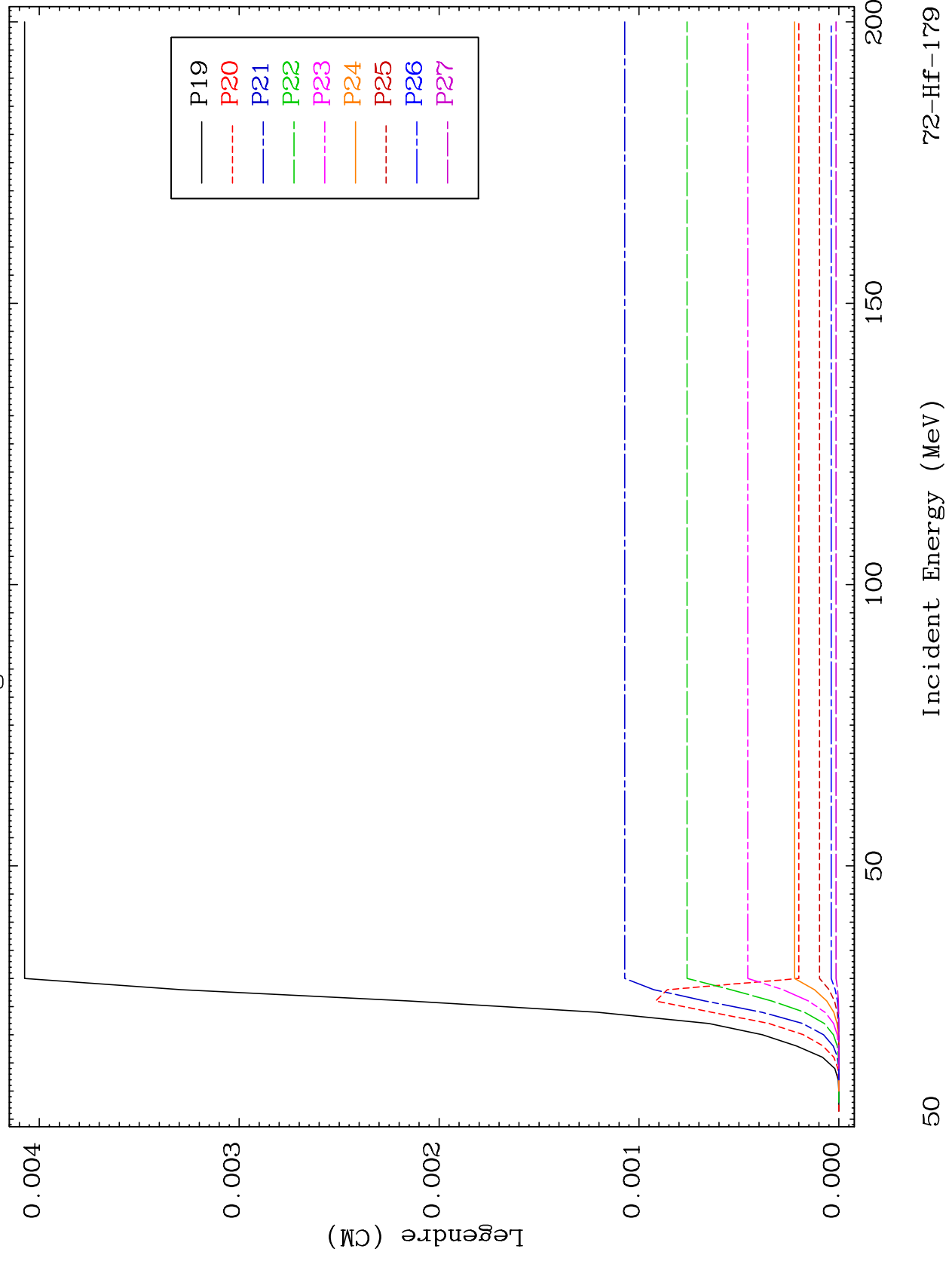
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

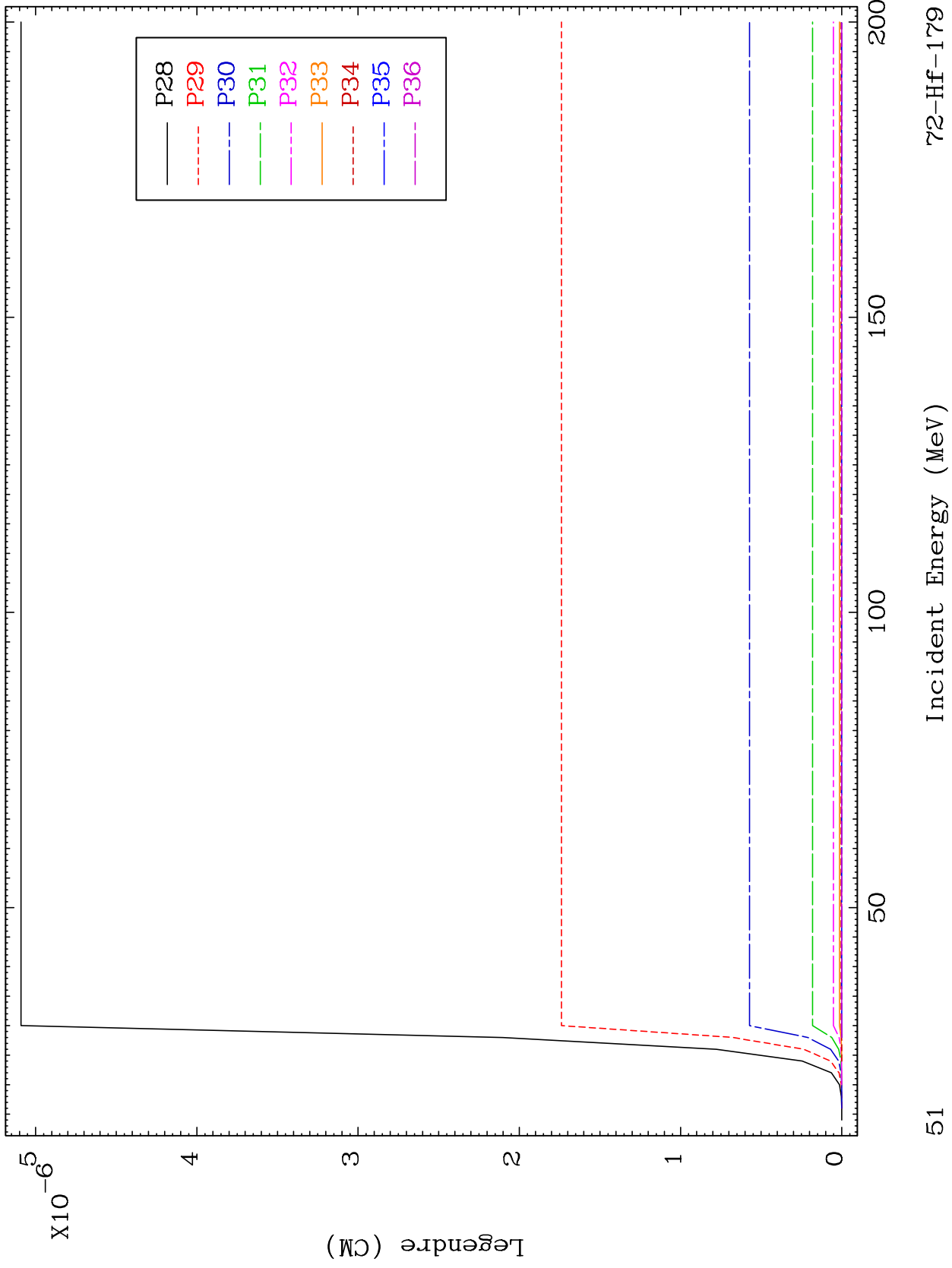
Incident Energy (MeV)

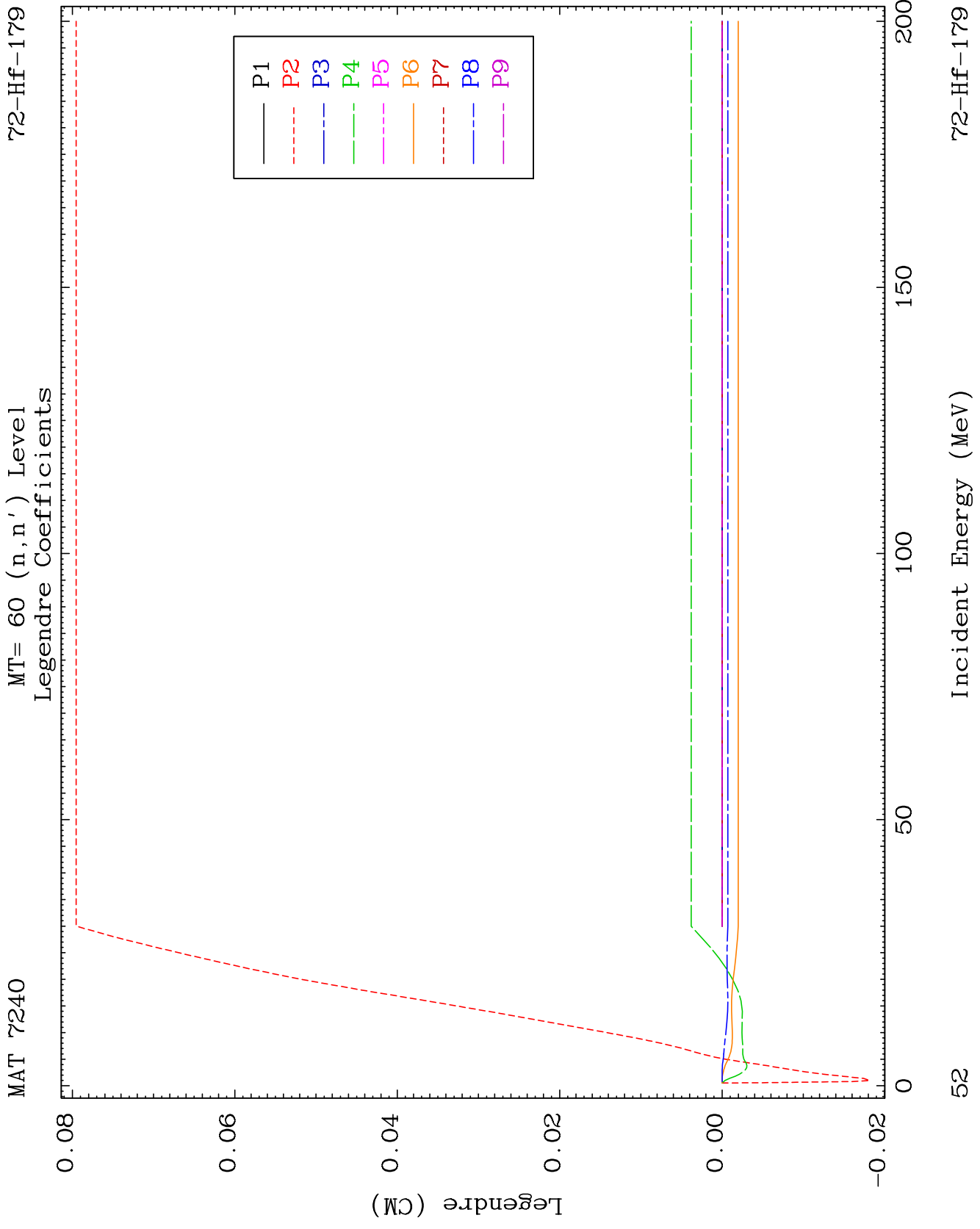
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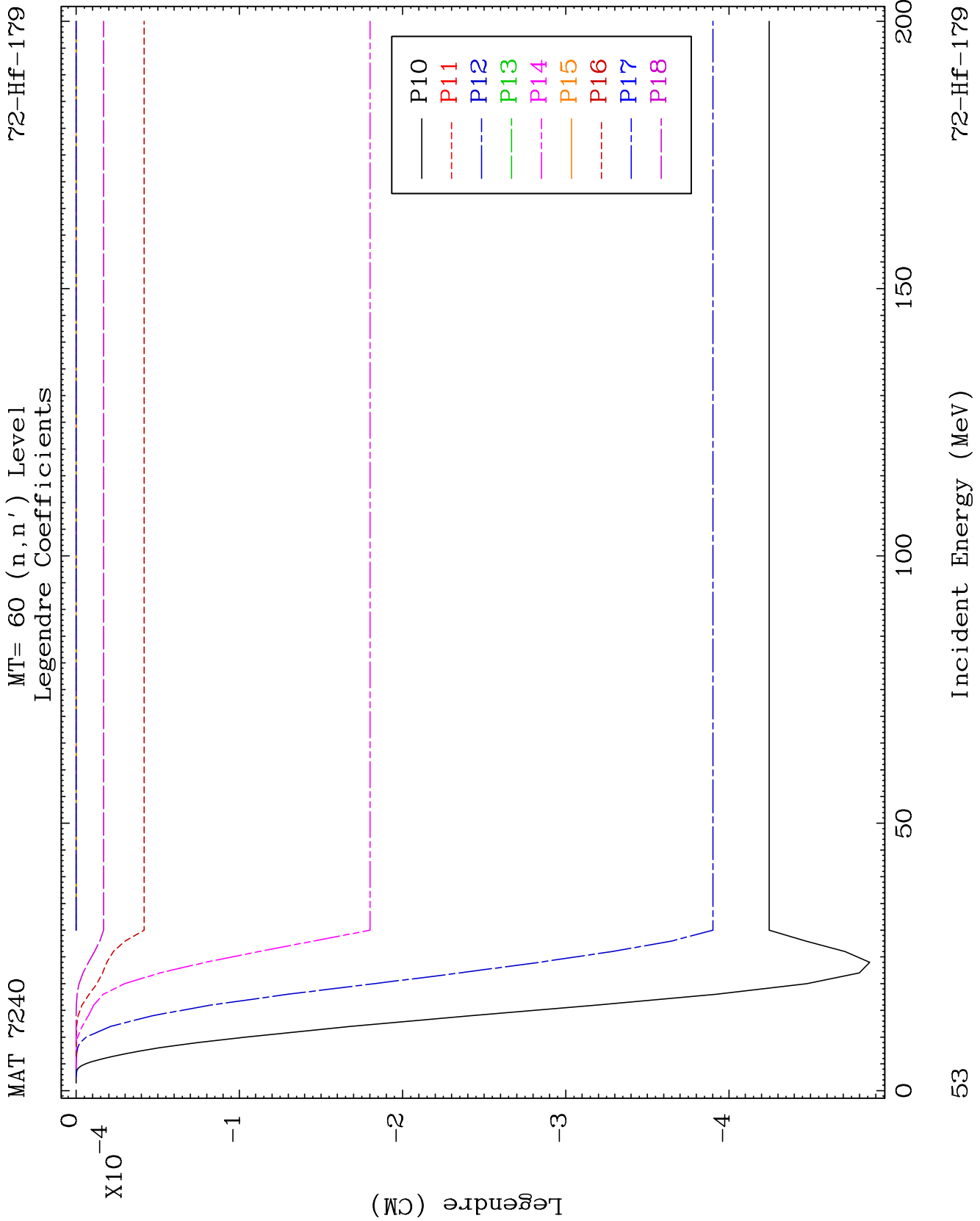
MAT 7240

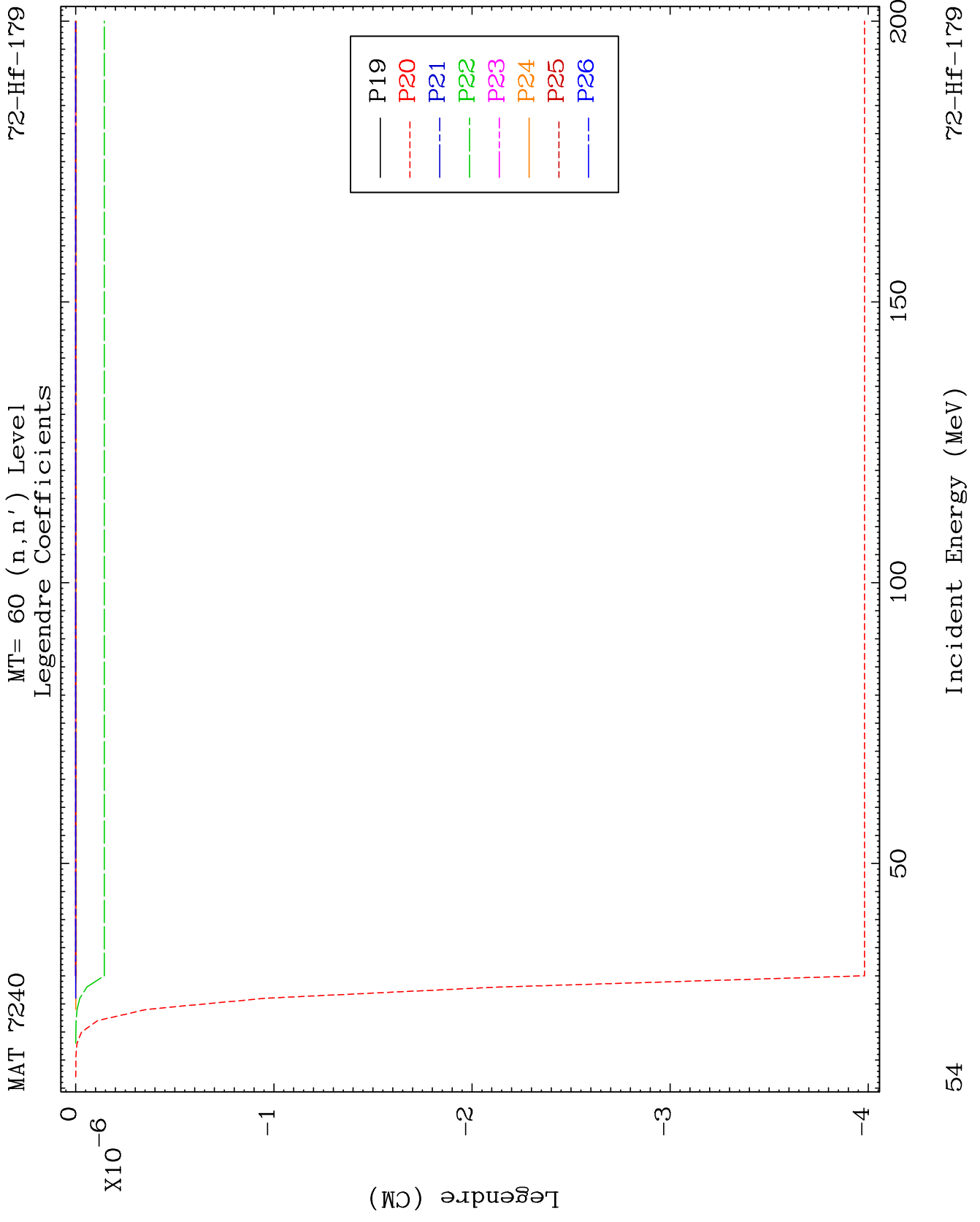
MT= 59 (n,n') Level  
Legendre Coefficients

72-Hf-179



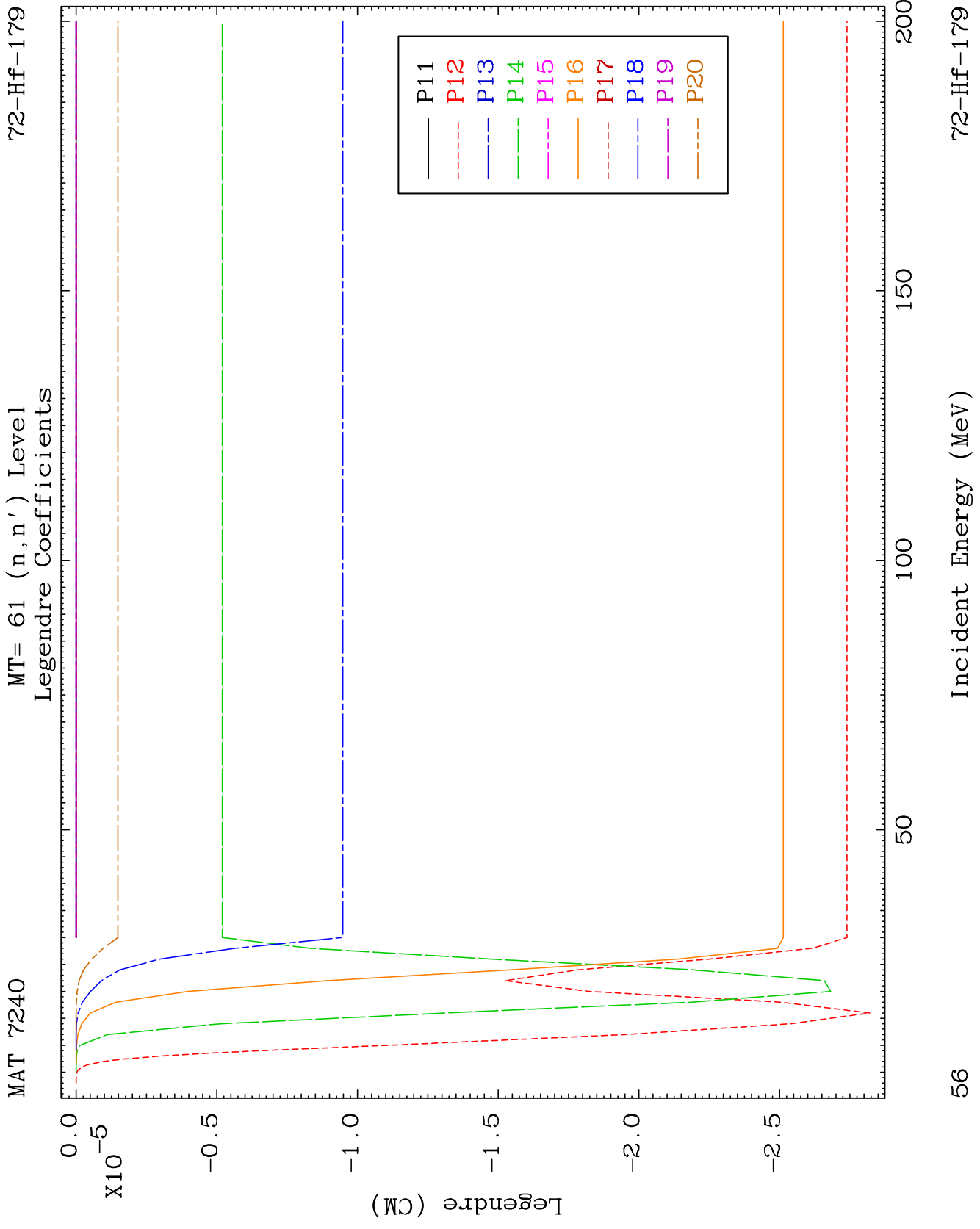


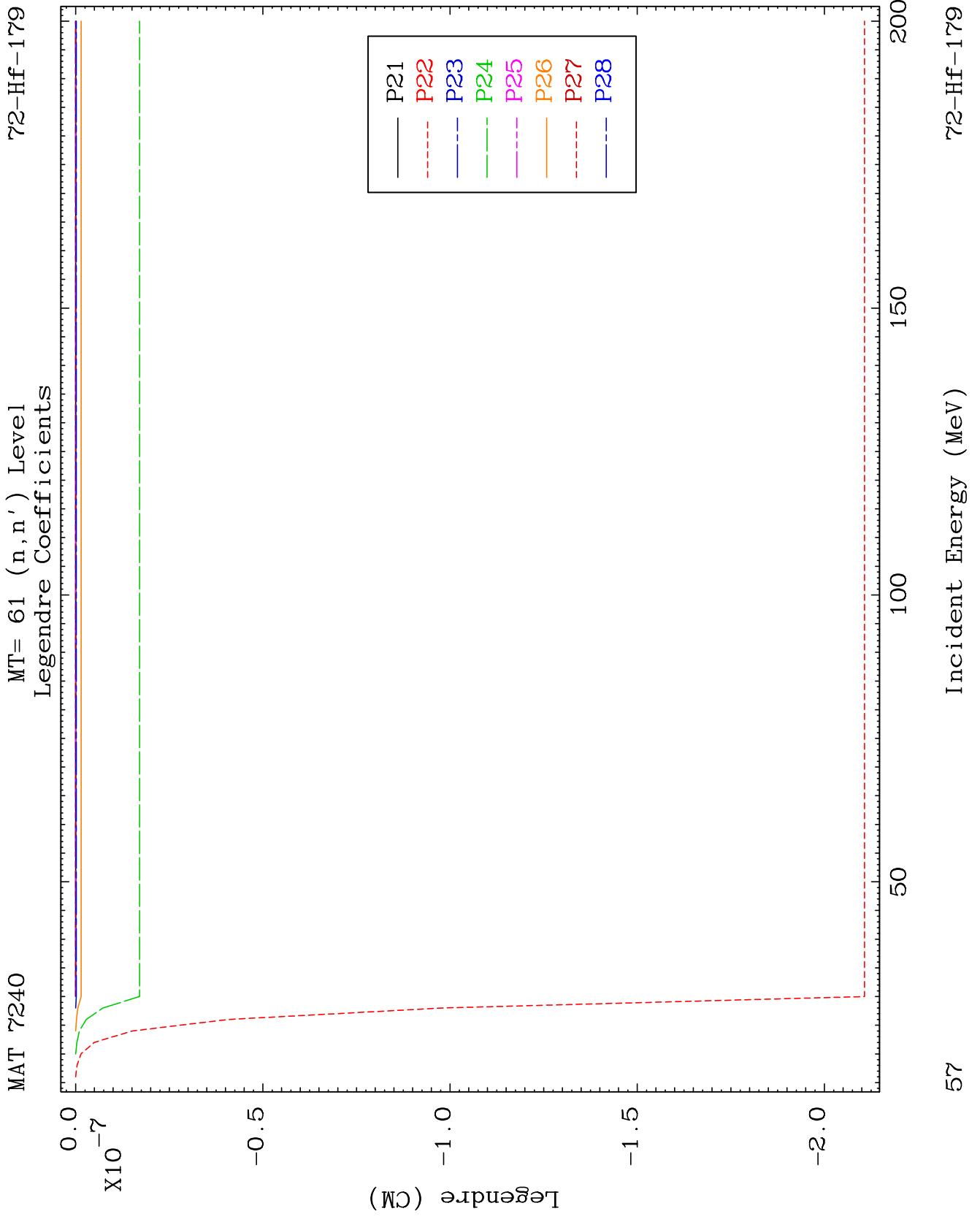








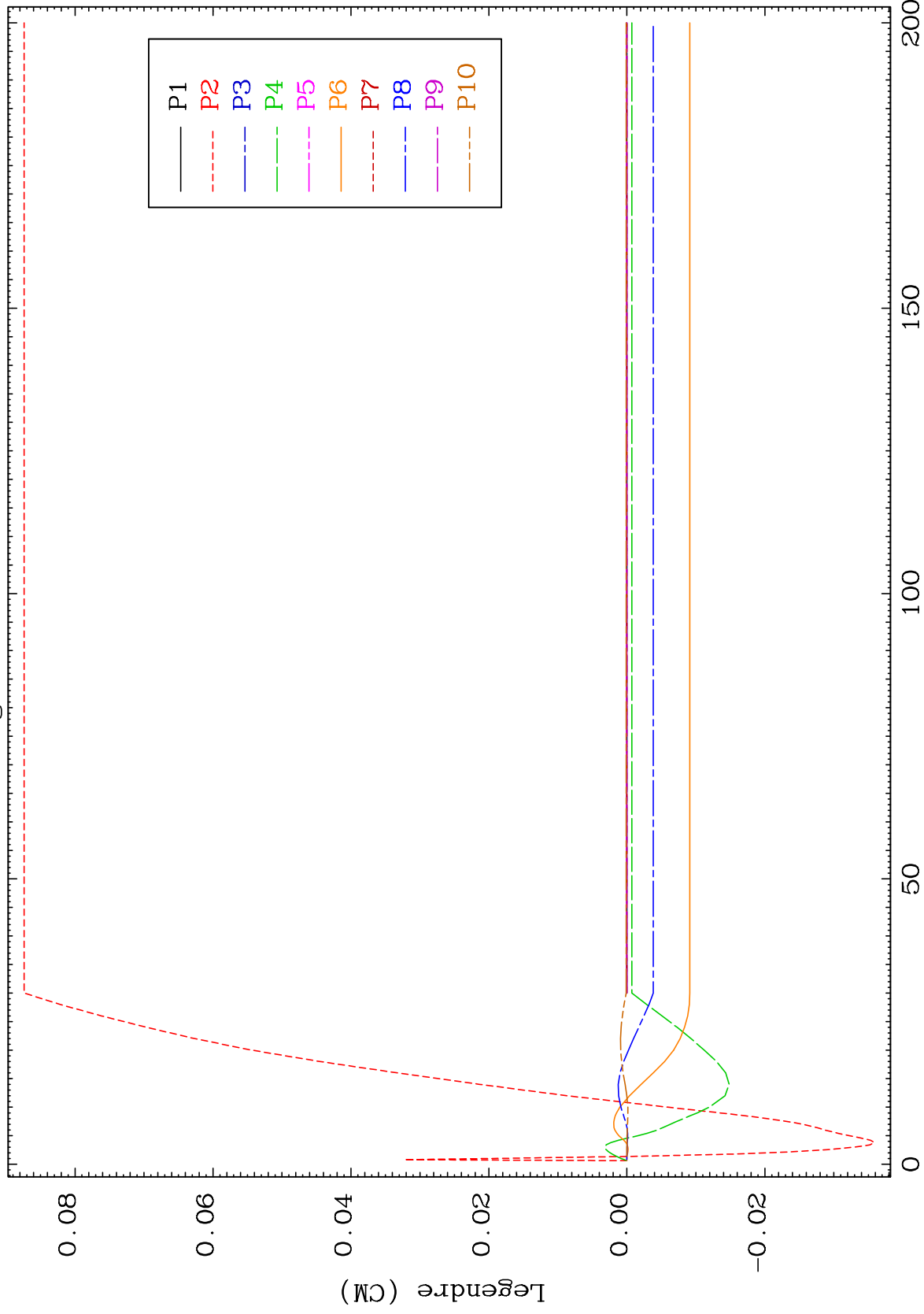




MAT 7240

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

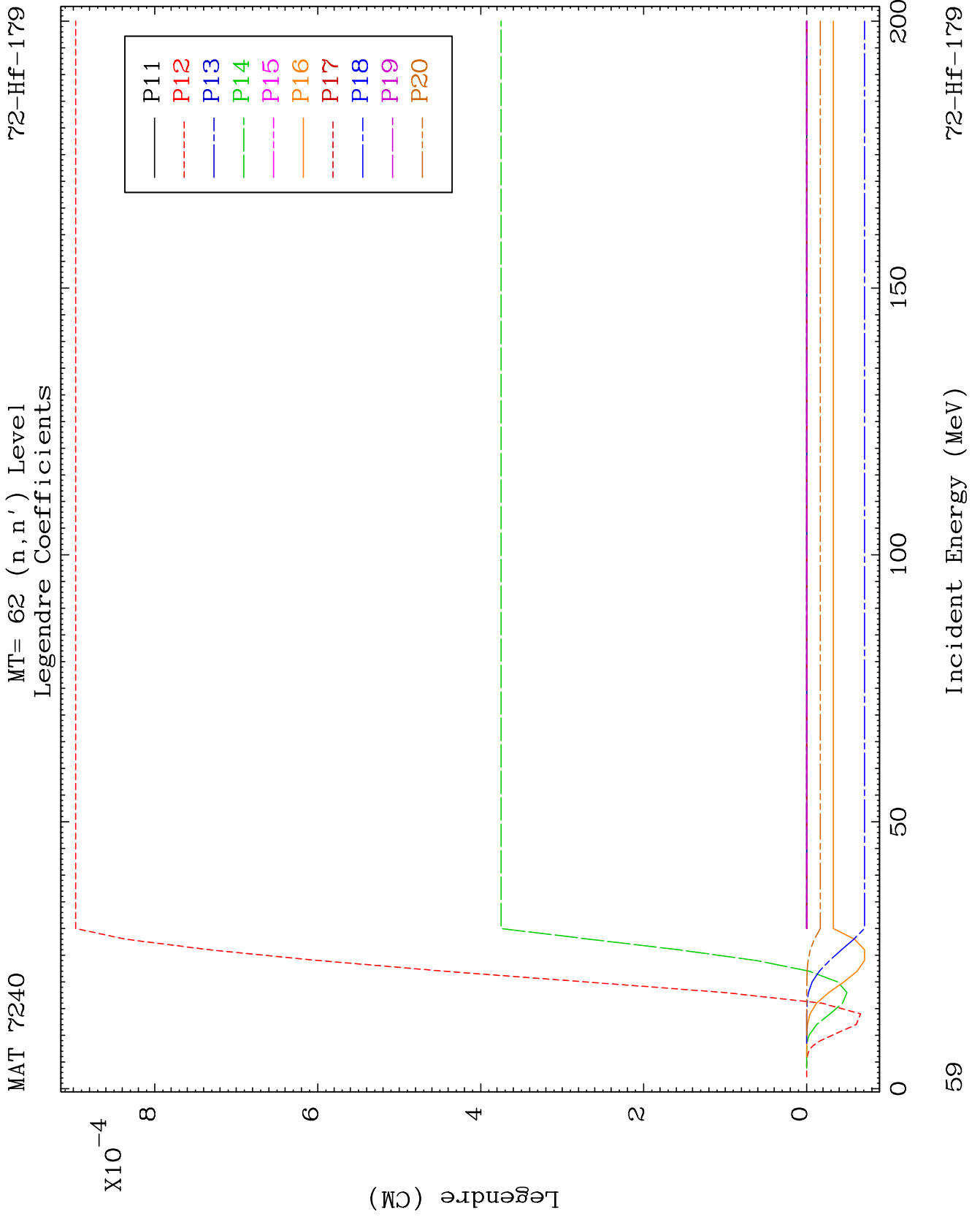
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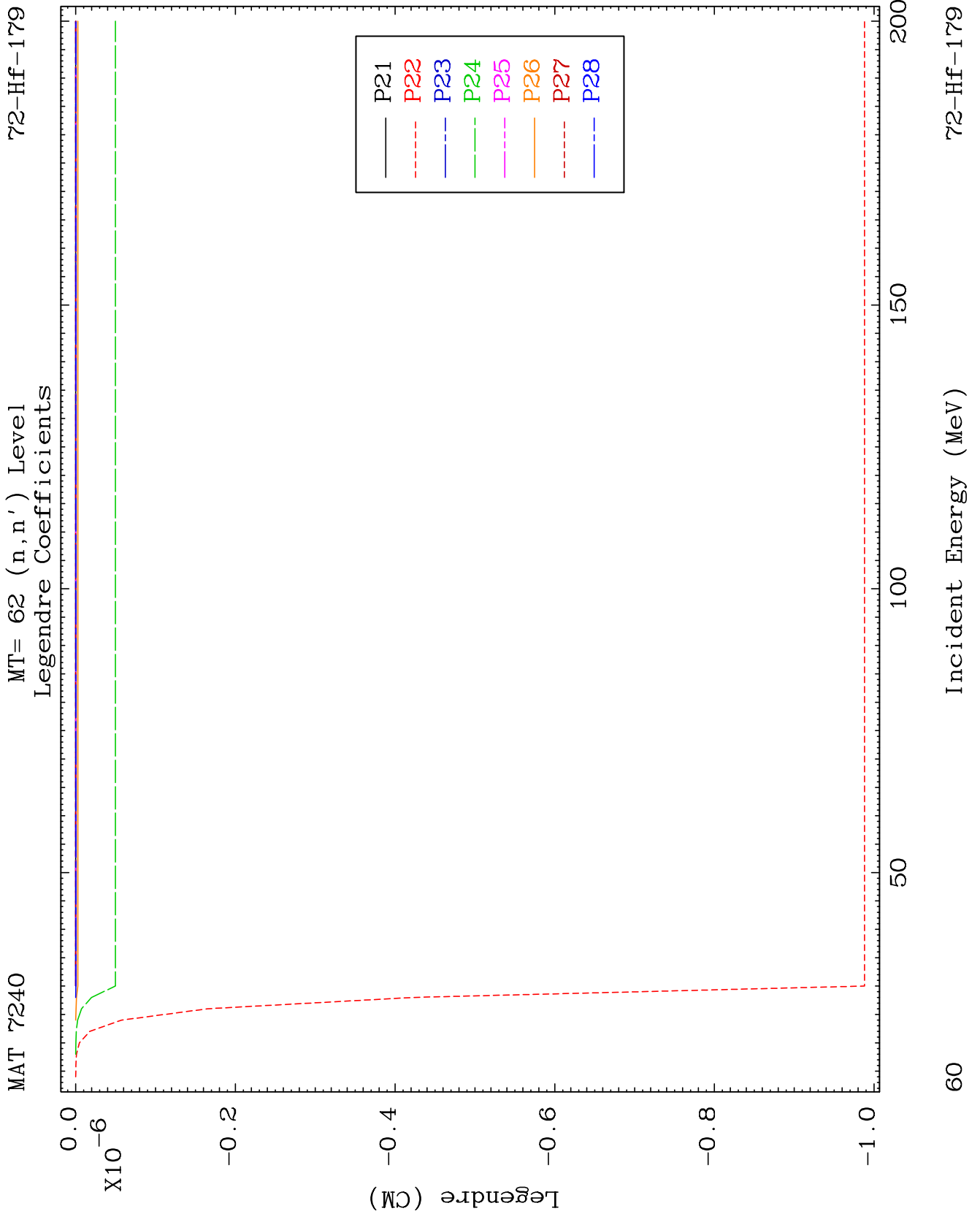


58

Incident Energy (MeV)

72-Hf-179

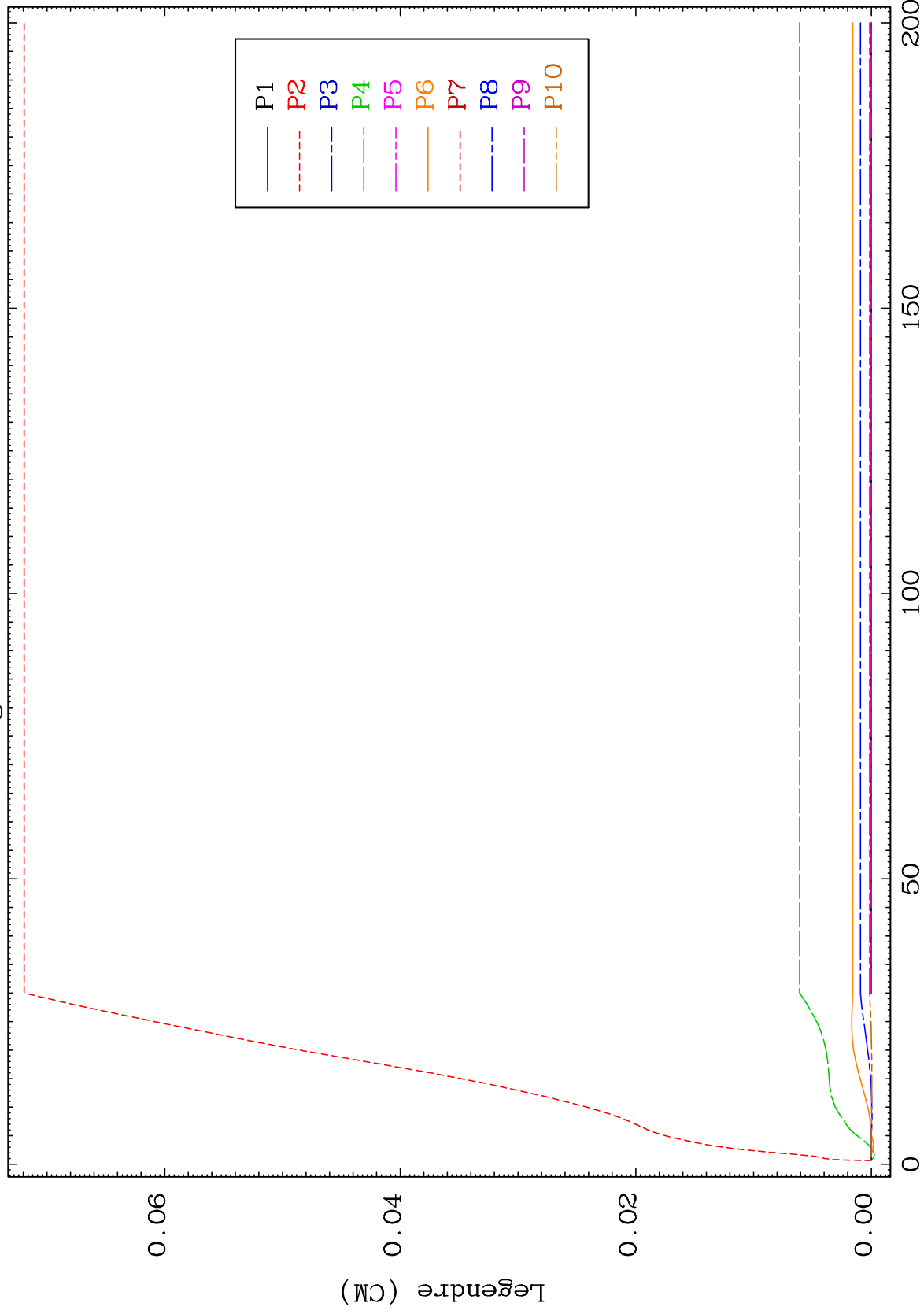




MAT 7240

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

72-Hf-179



72-Hf-179

Incident Energy (MeV)

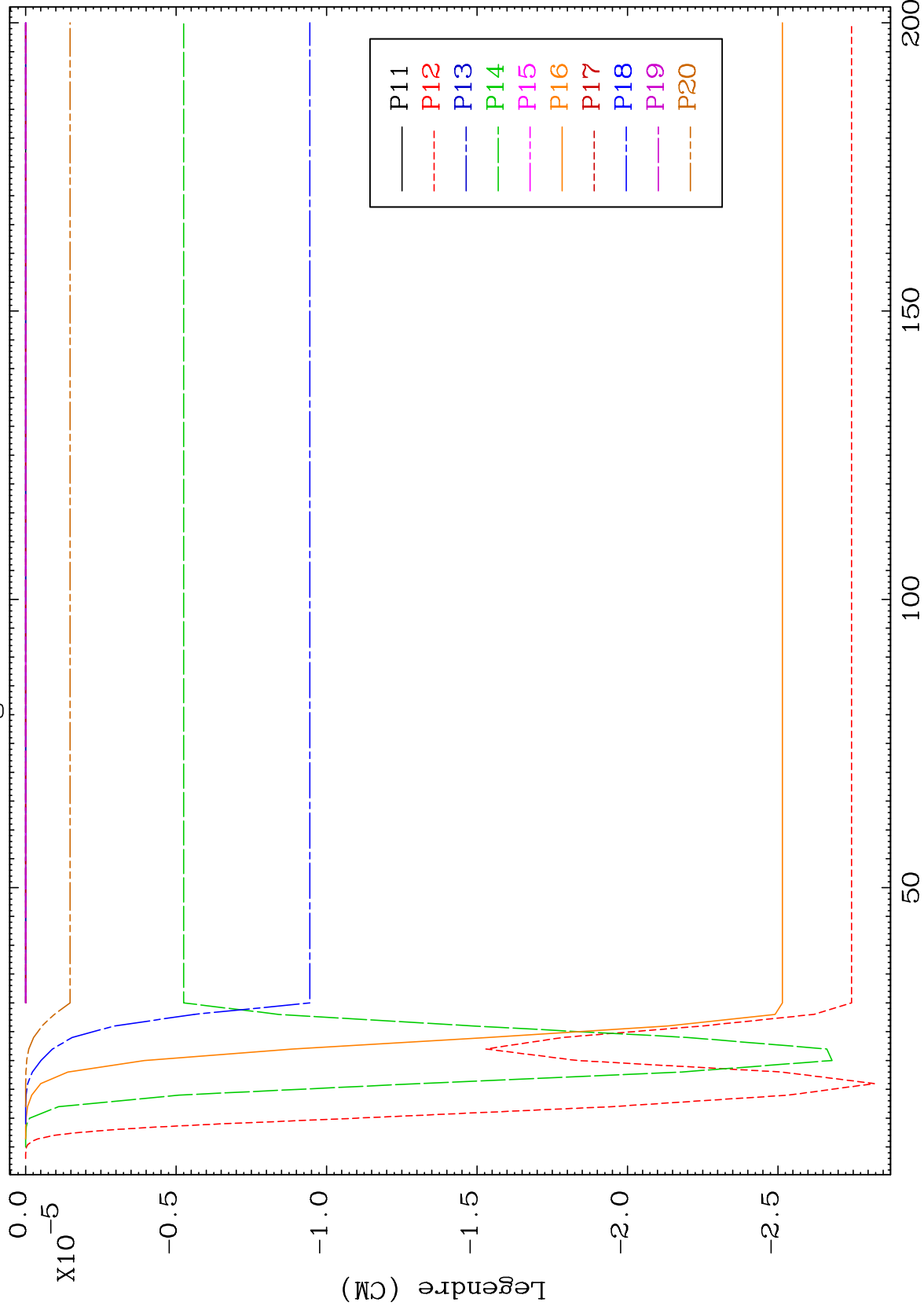
61

MAT 7240

MT= 63 (n,n') Level

72-Hf-179

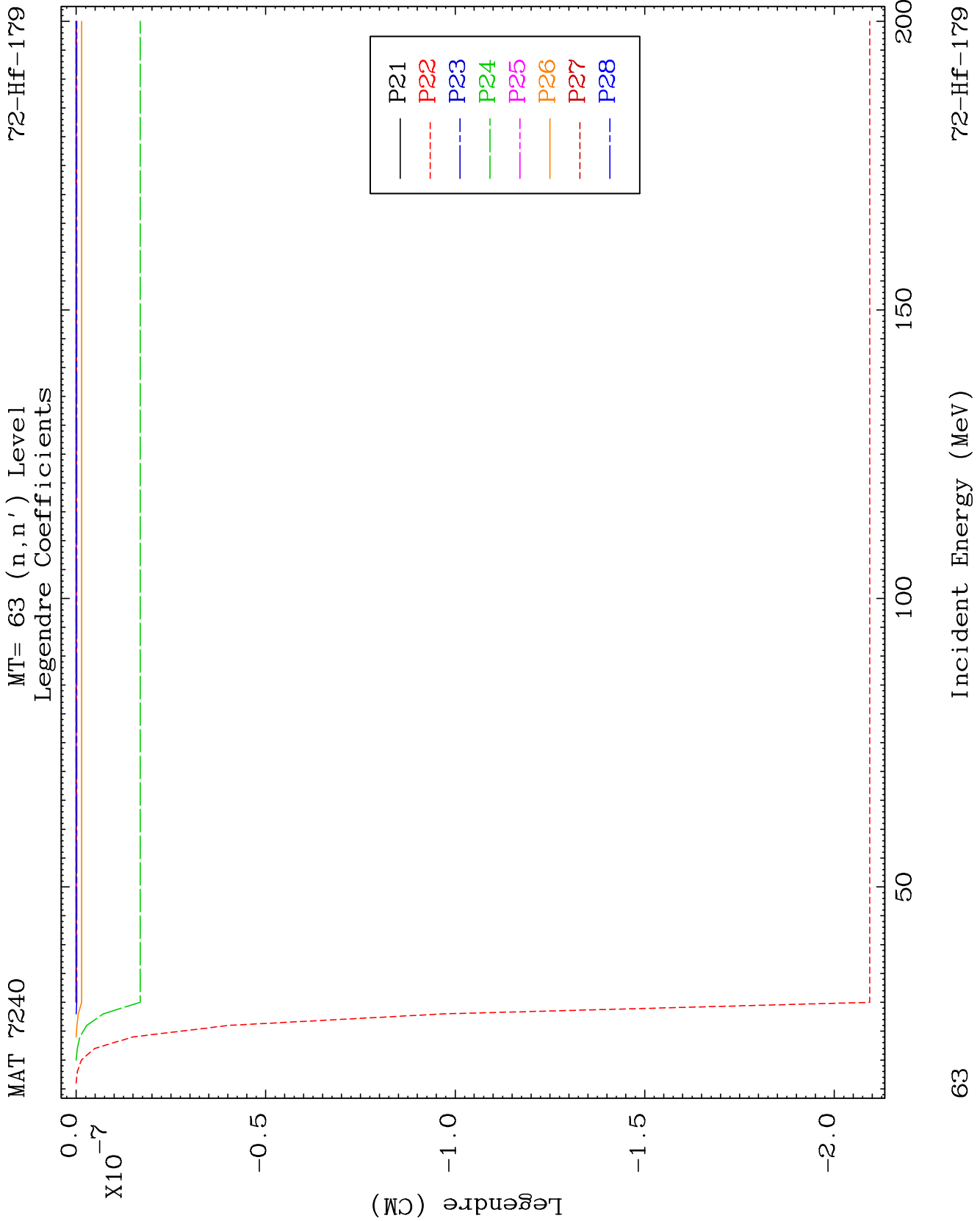
Legendre Coefficients



72-Hf-179

Incident Energy (MeV)

62



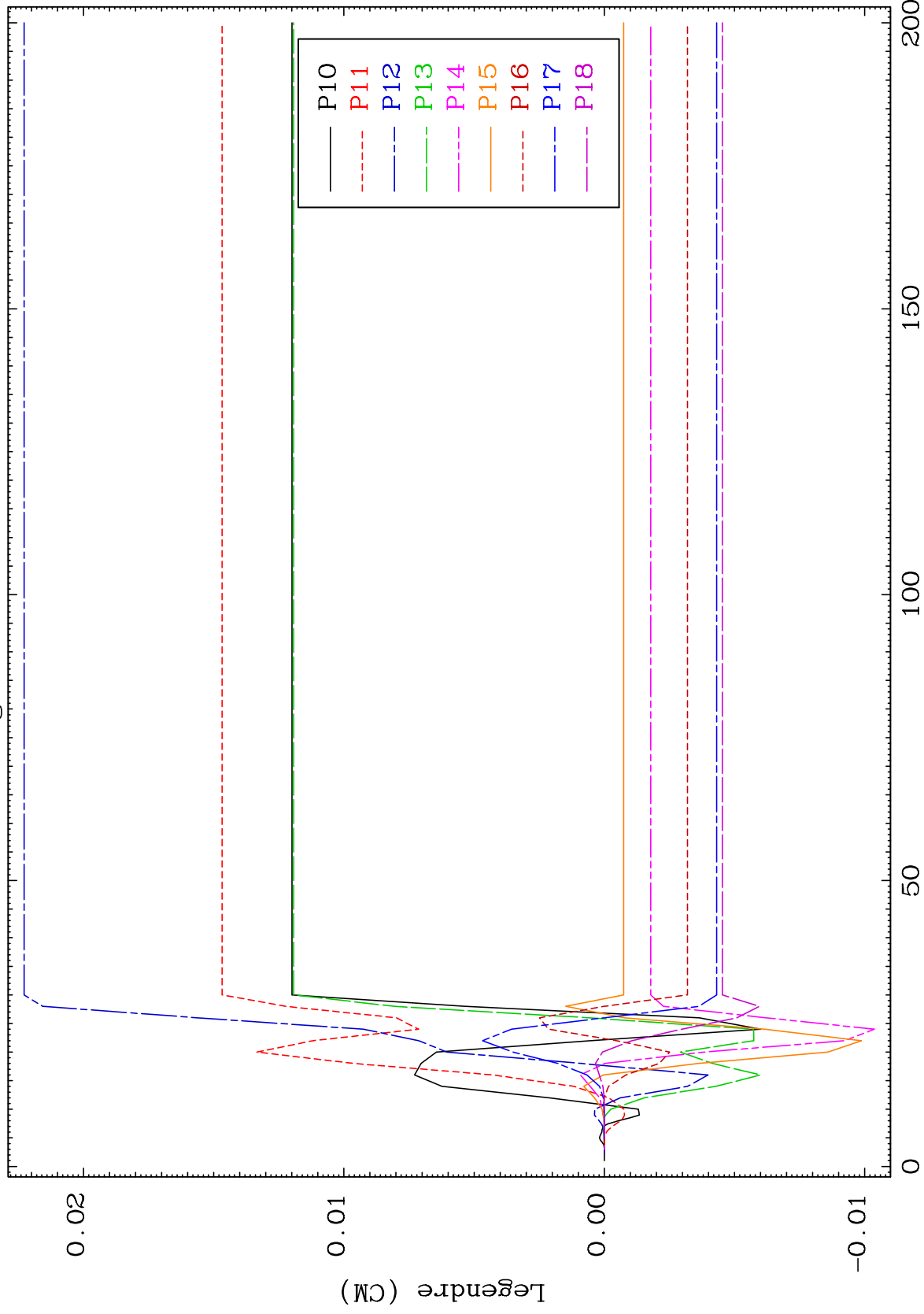




MAT 7240

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

72-Hf-179



65

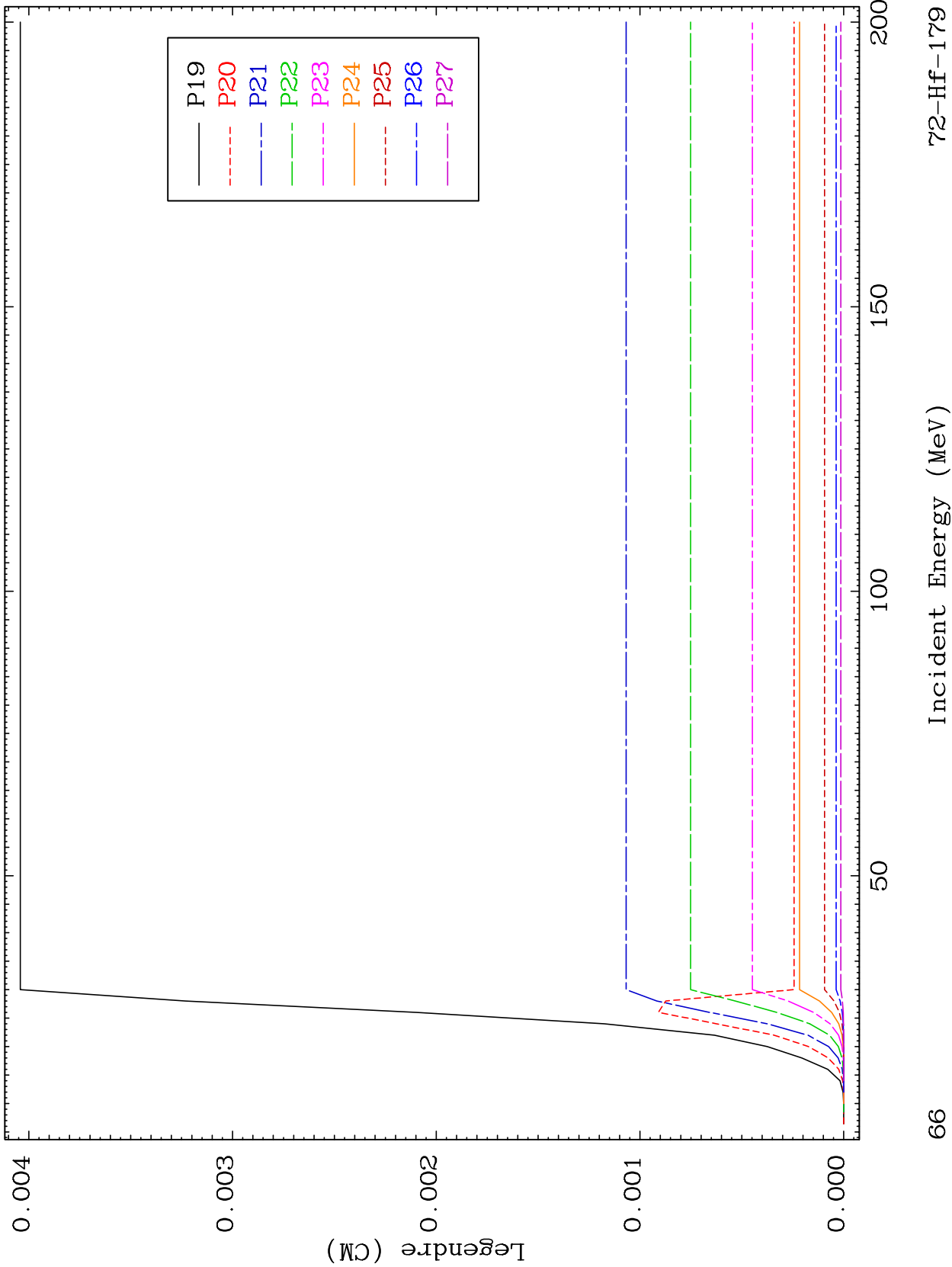
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

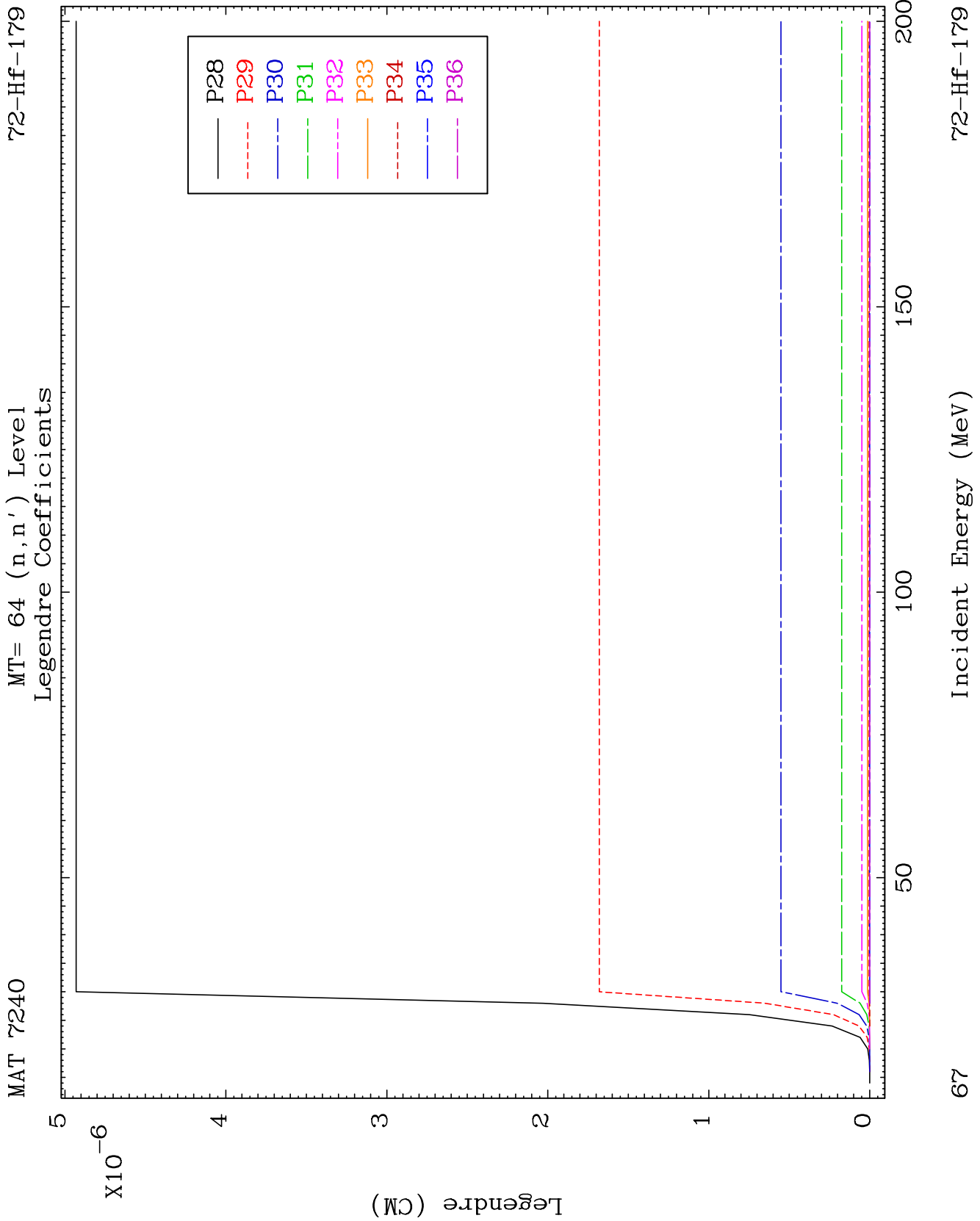
72-Hf-179



66

Incident Energy (MeV)

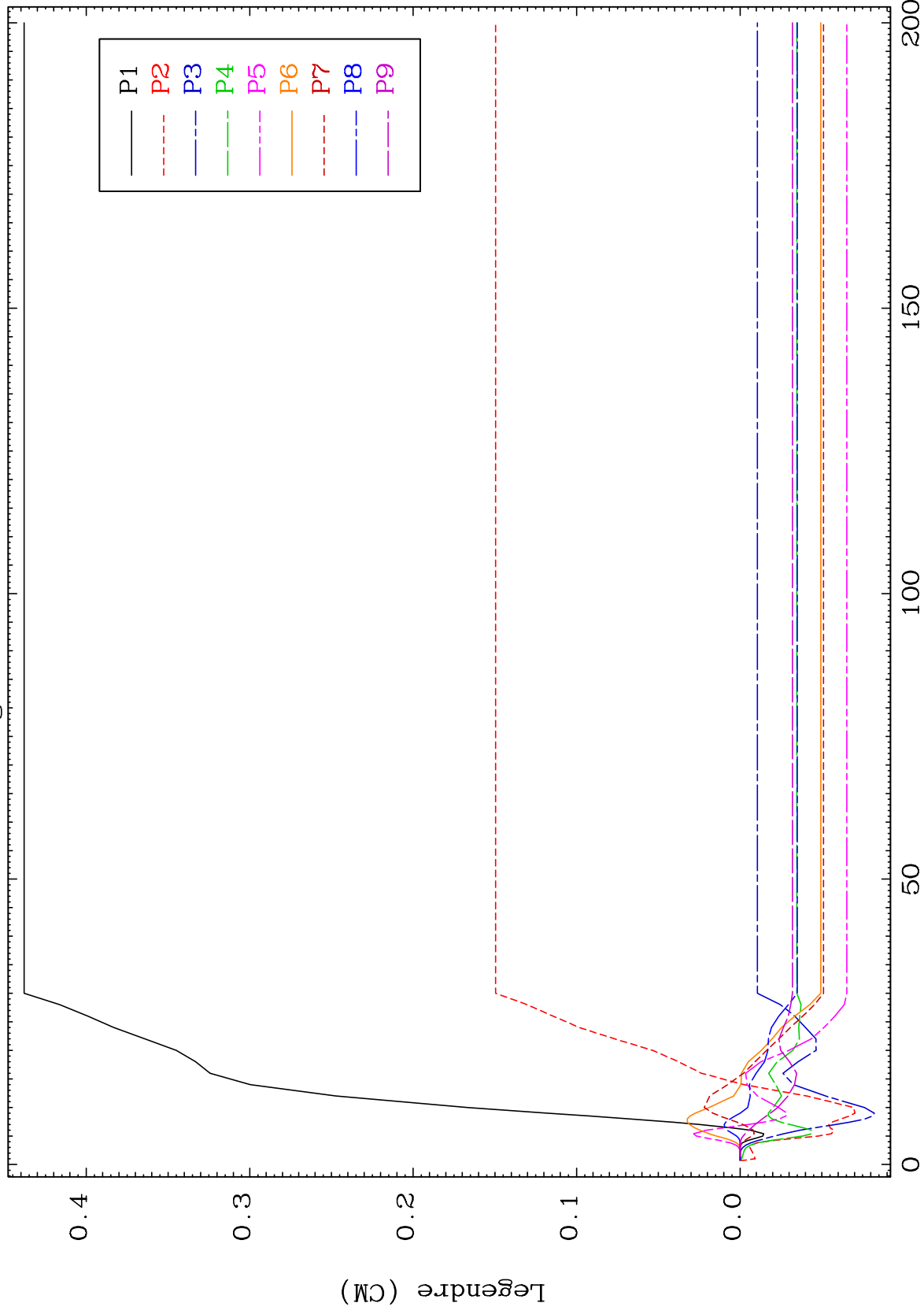
72-Hf-179



MAT 7240

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

72-Hf-179



68

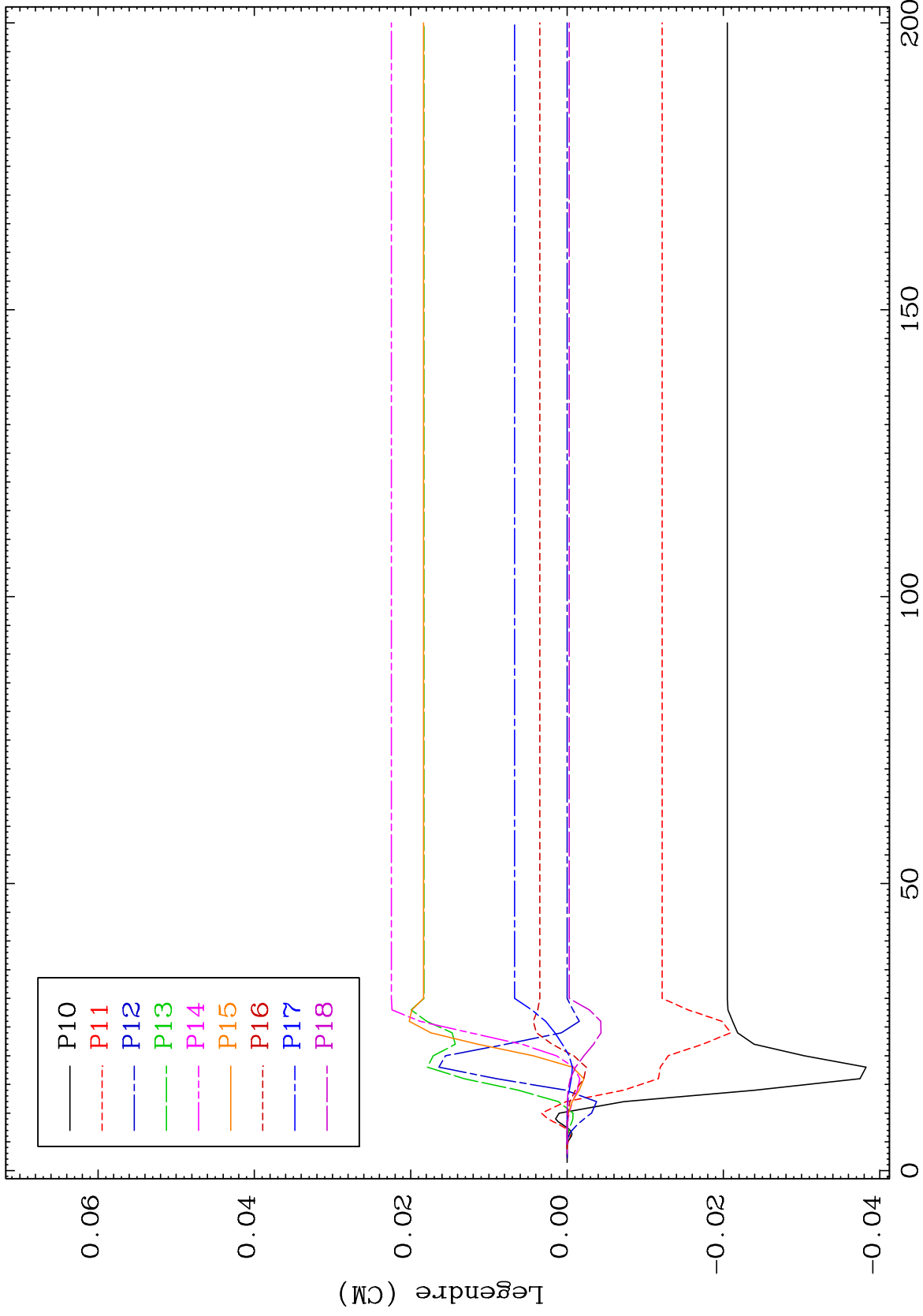
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



69

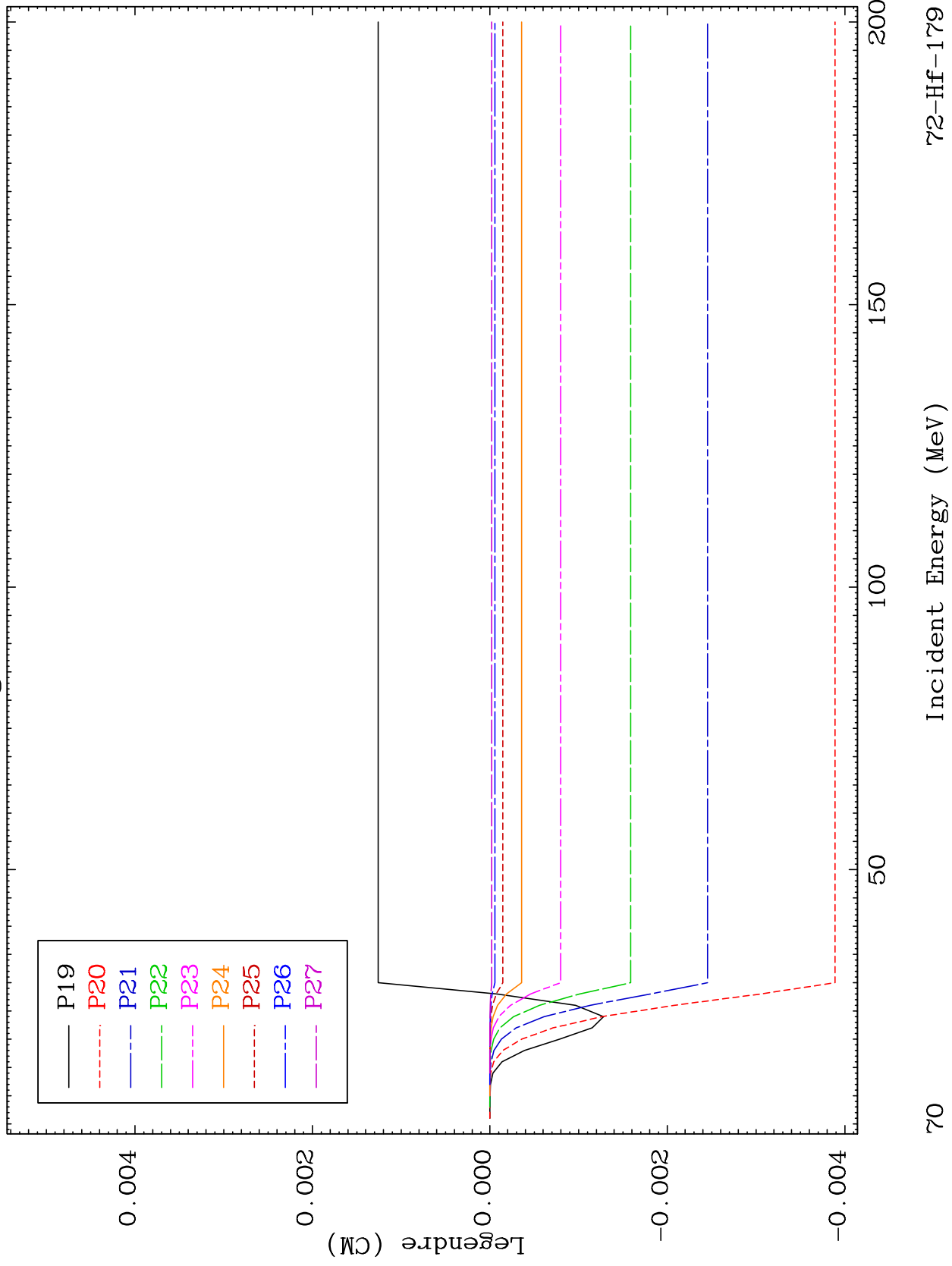
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

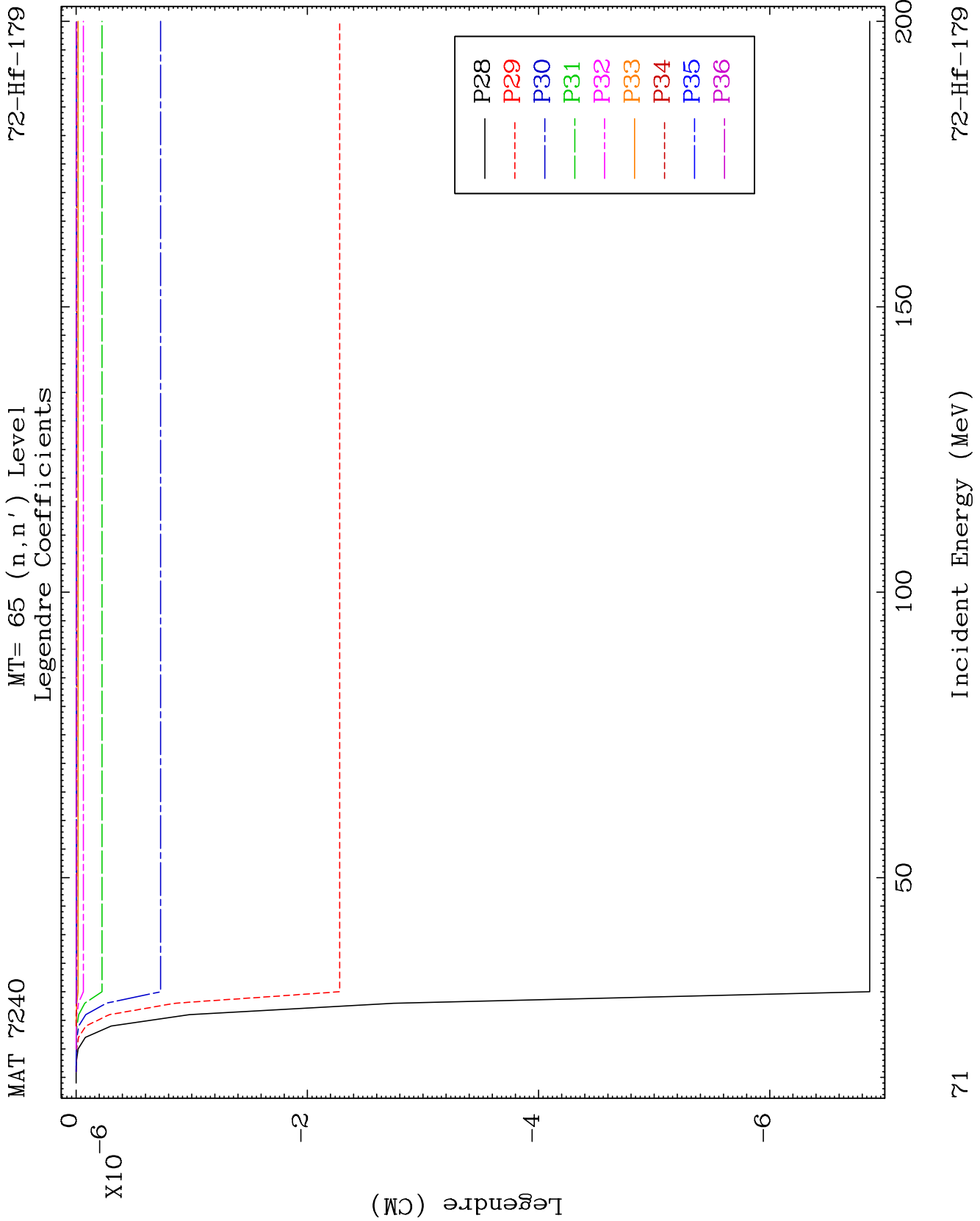
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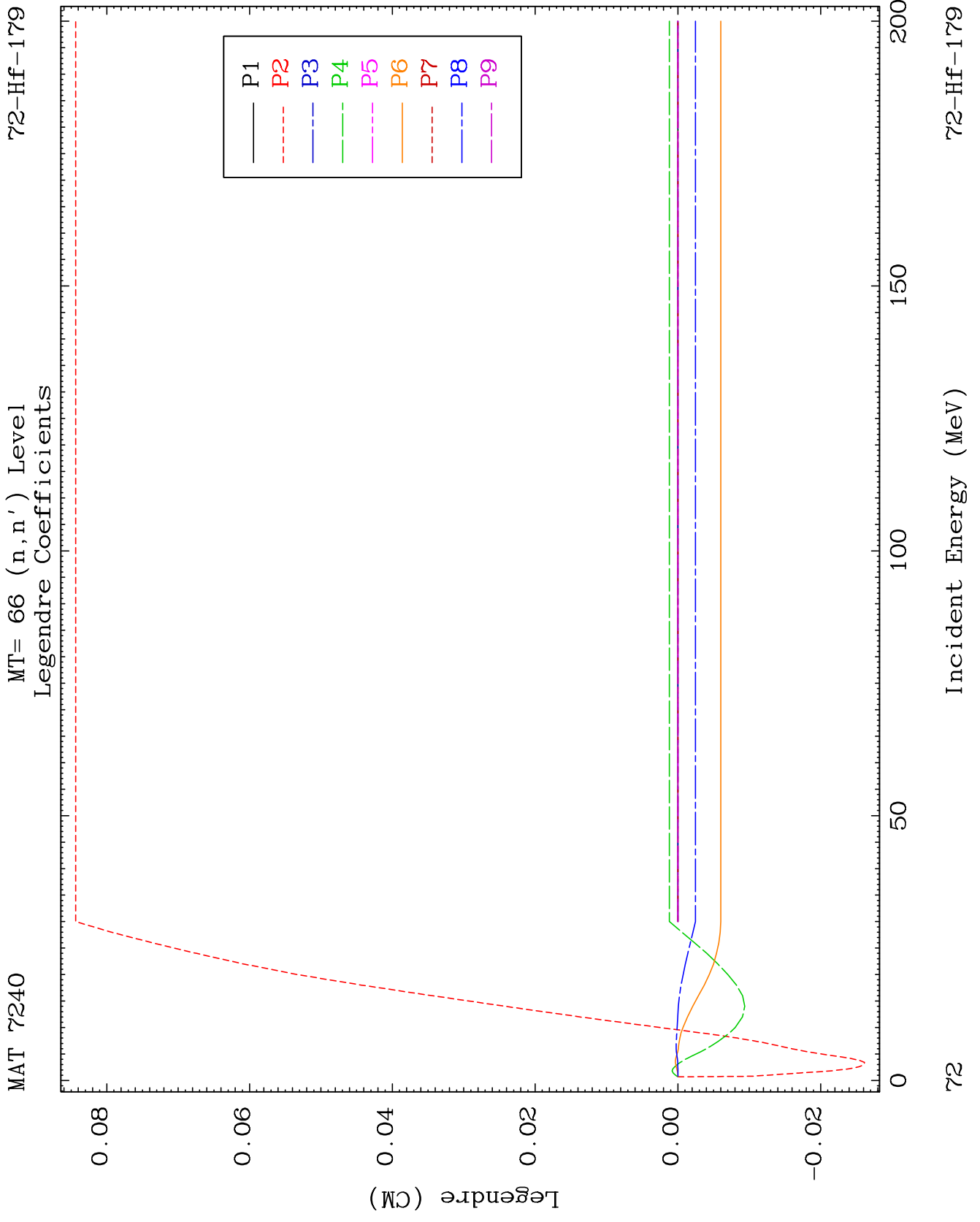
70

Incident Energy (MeV)

72-Hf-179



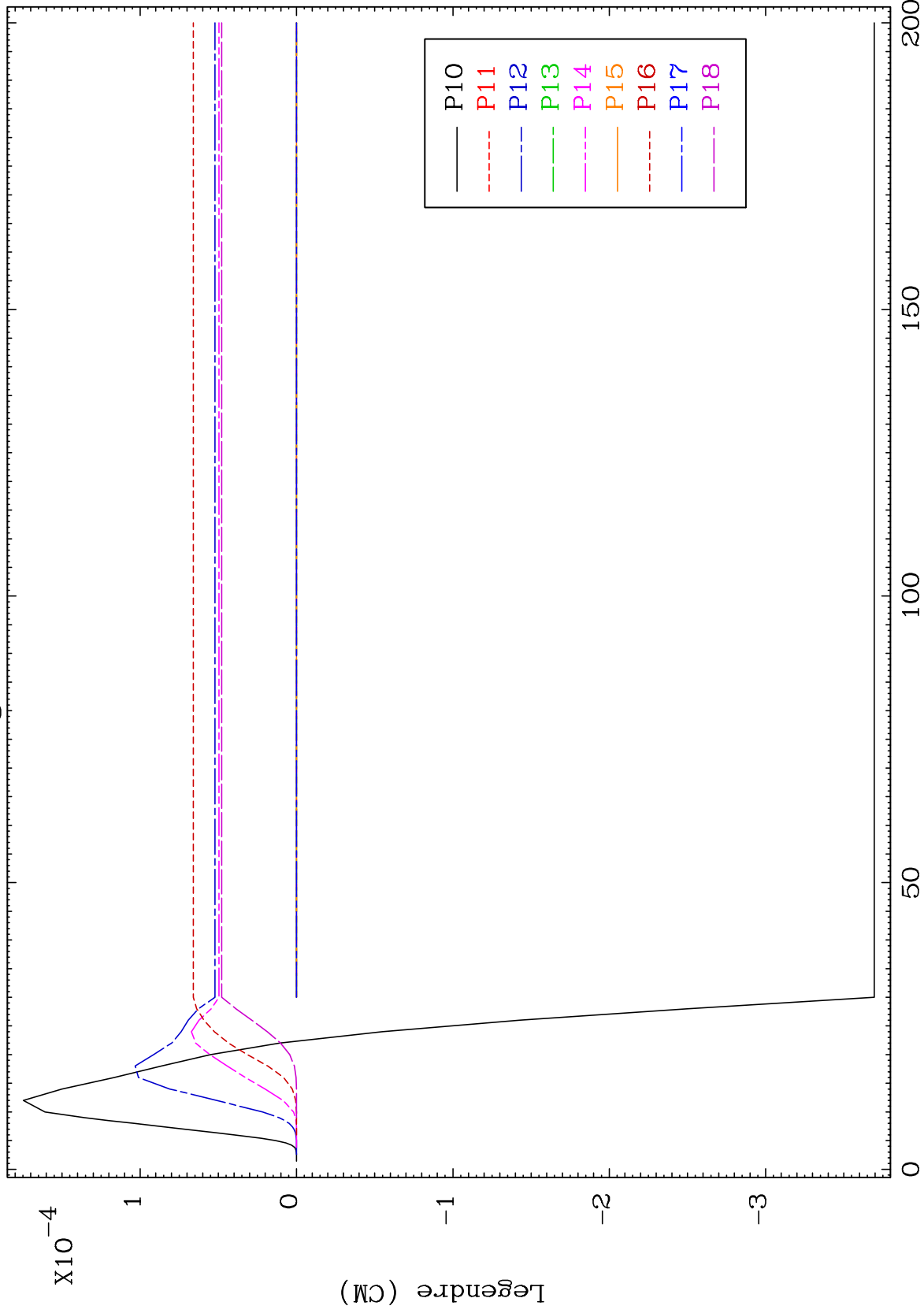




MAT 7240

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

72-Hf-179



73

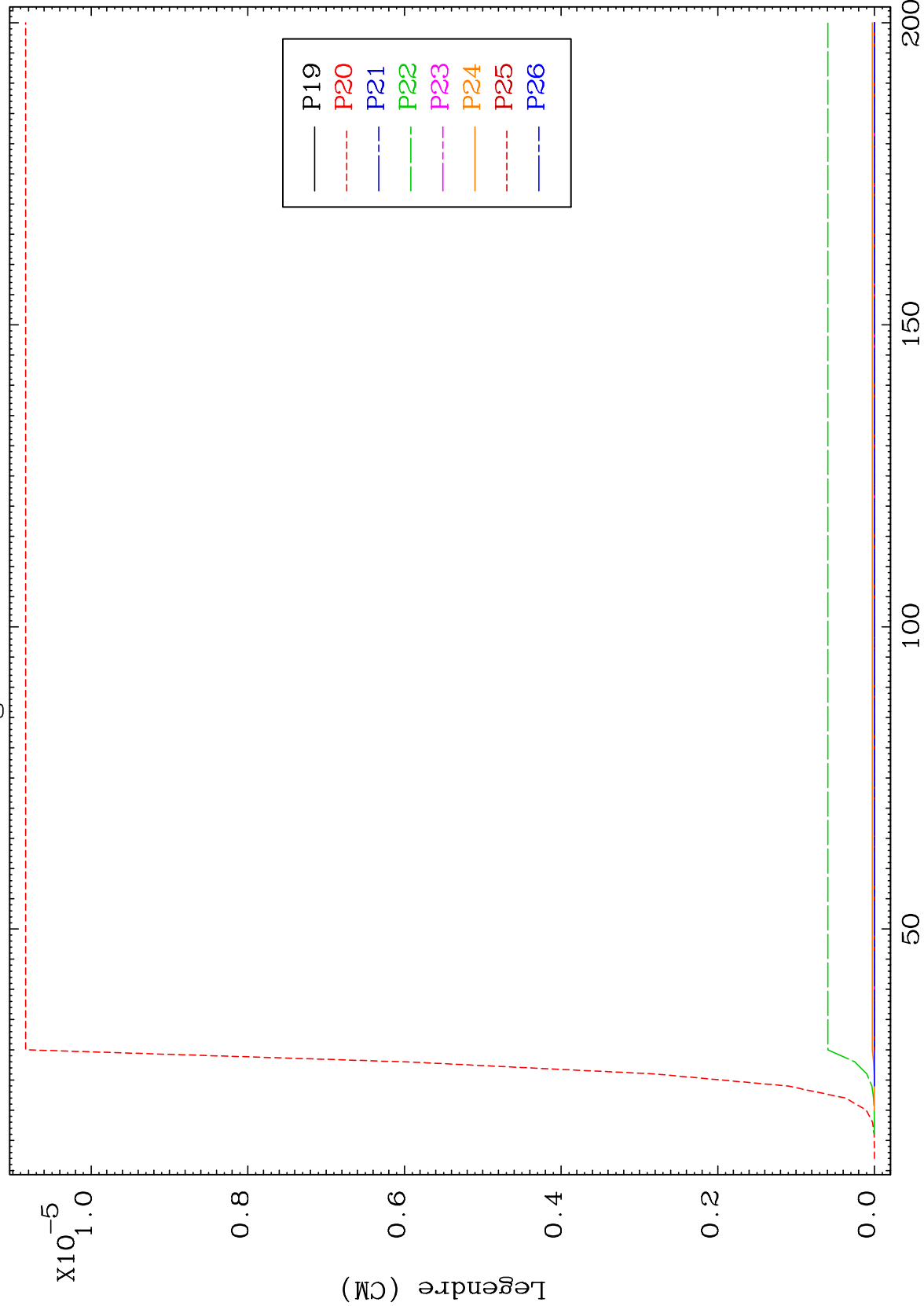
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



74

Incident Energy (MeV)

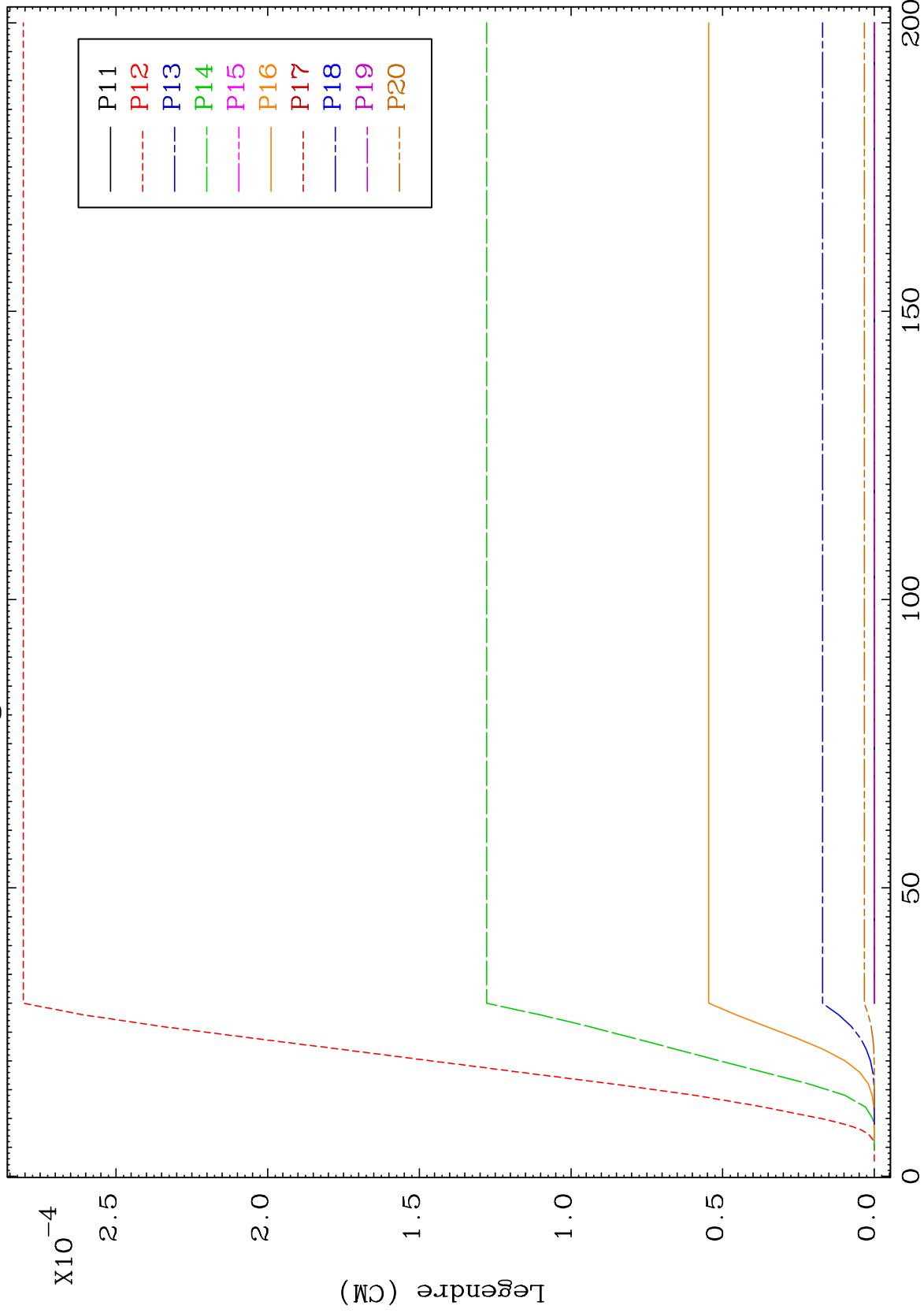
72-Hf-179



MAT 7240

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

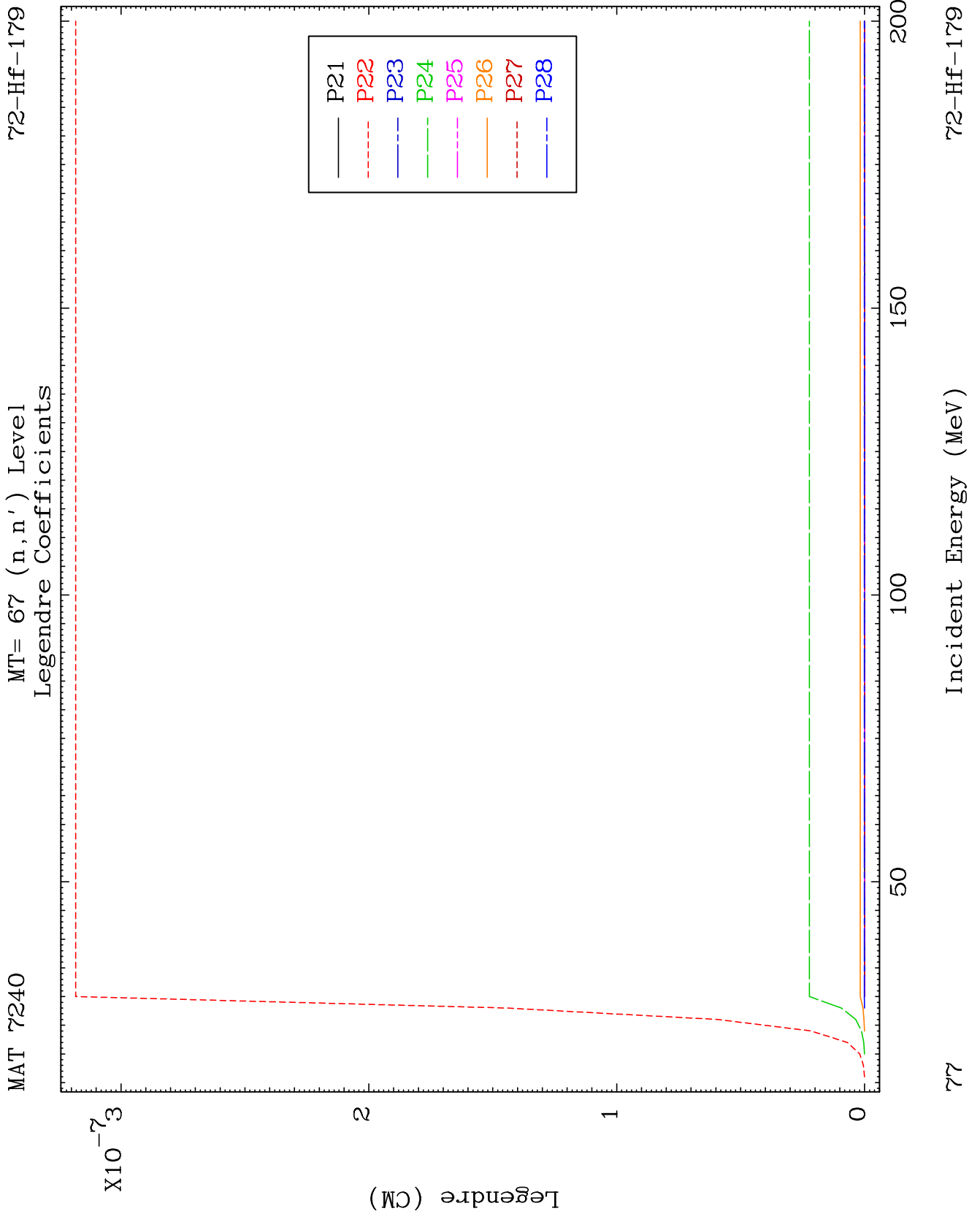
72-Hf-179



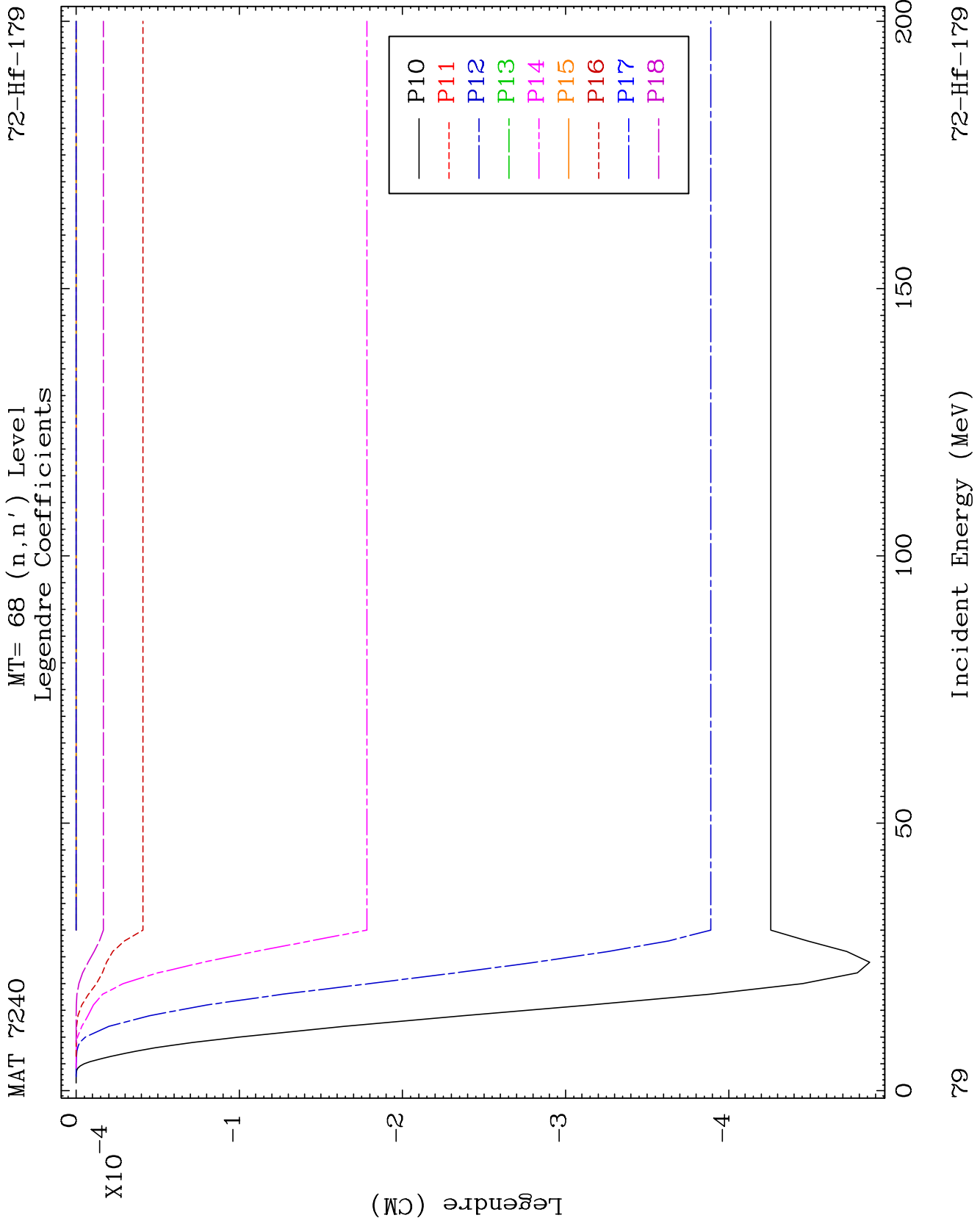
76

Incident Energy (MeV)

72-Hf-179







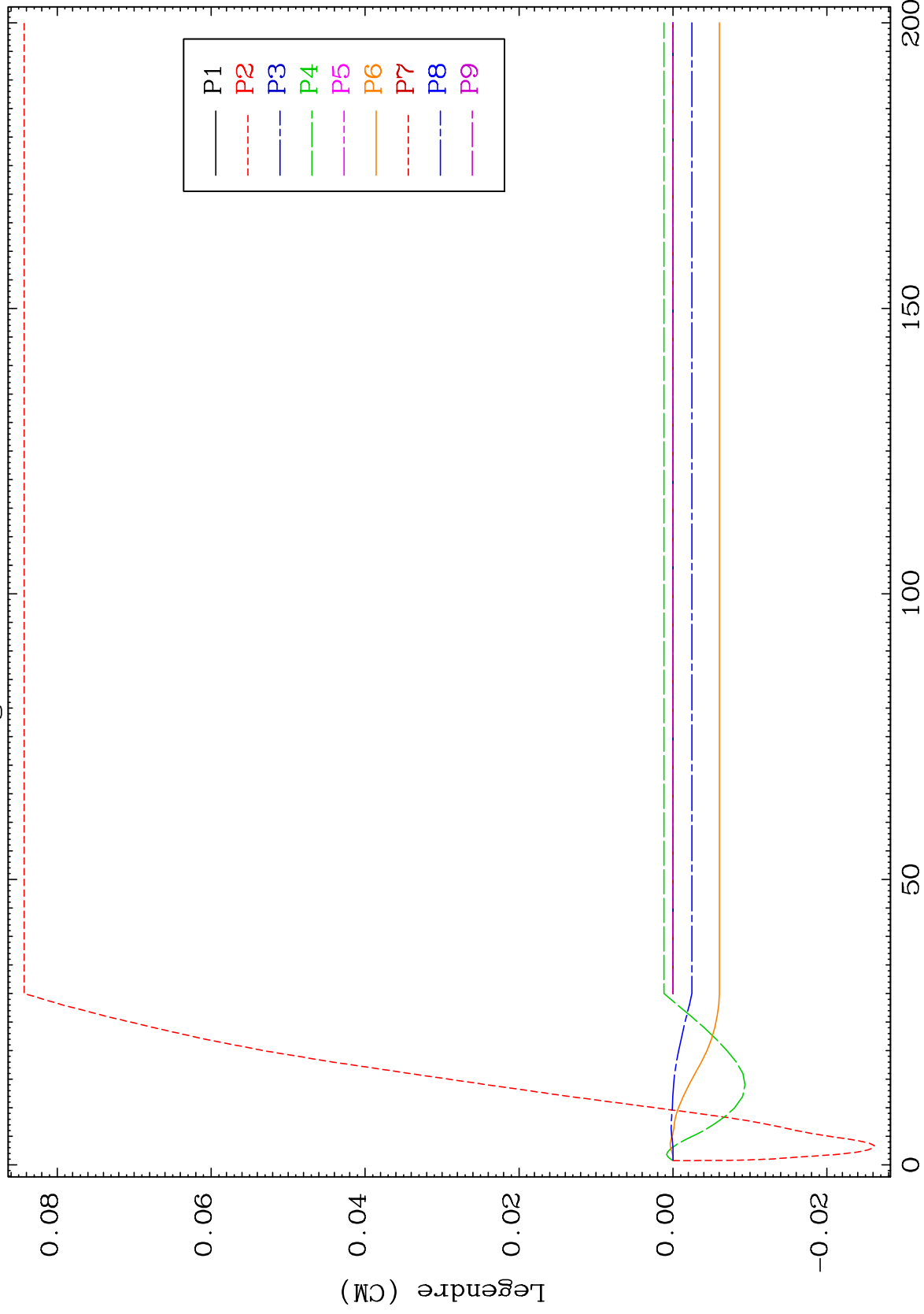




MAT 7240

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

72-Hf-179



81

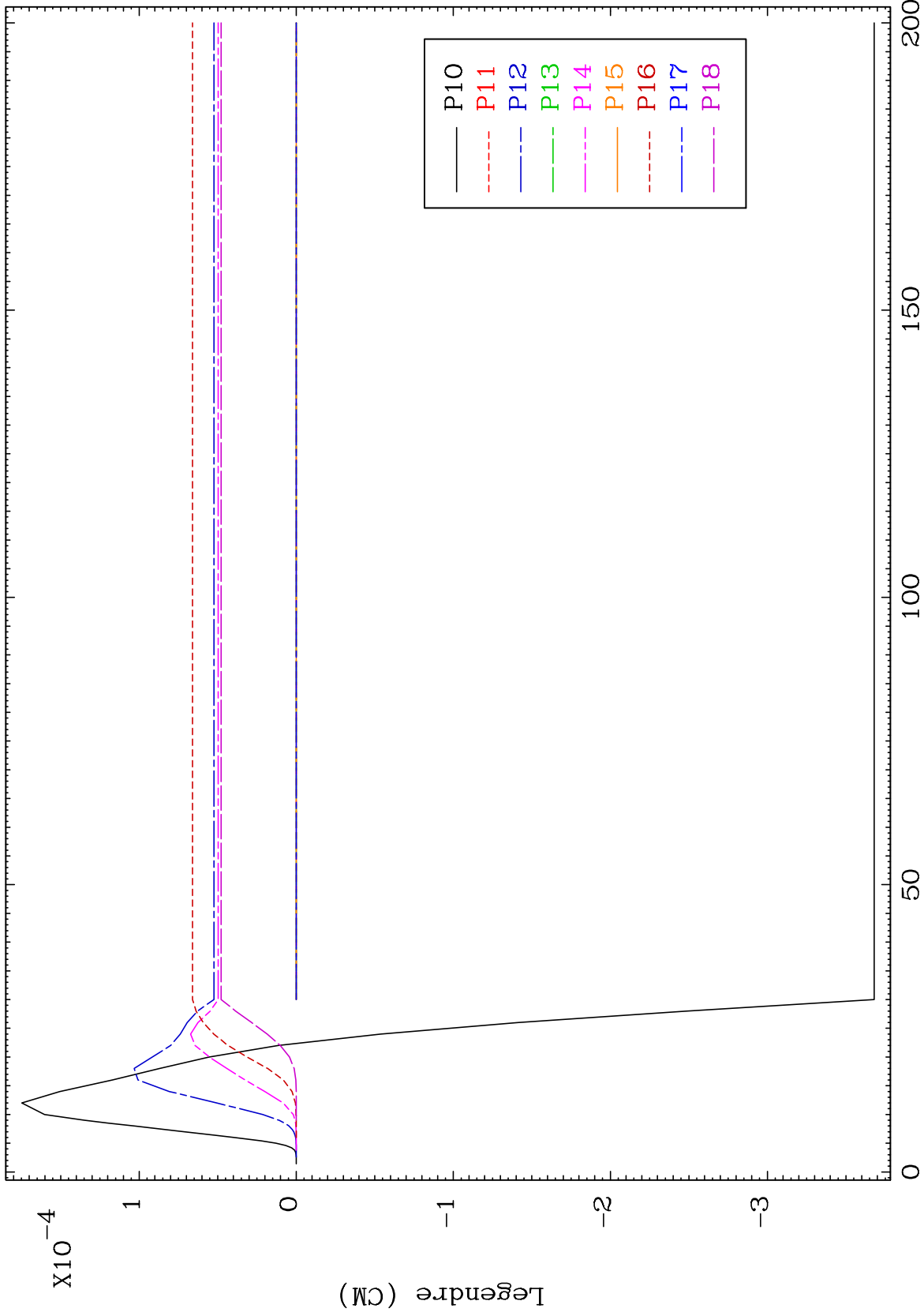
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

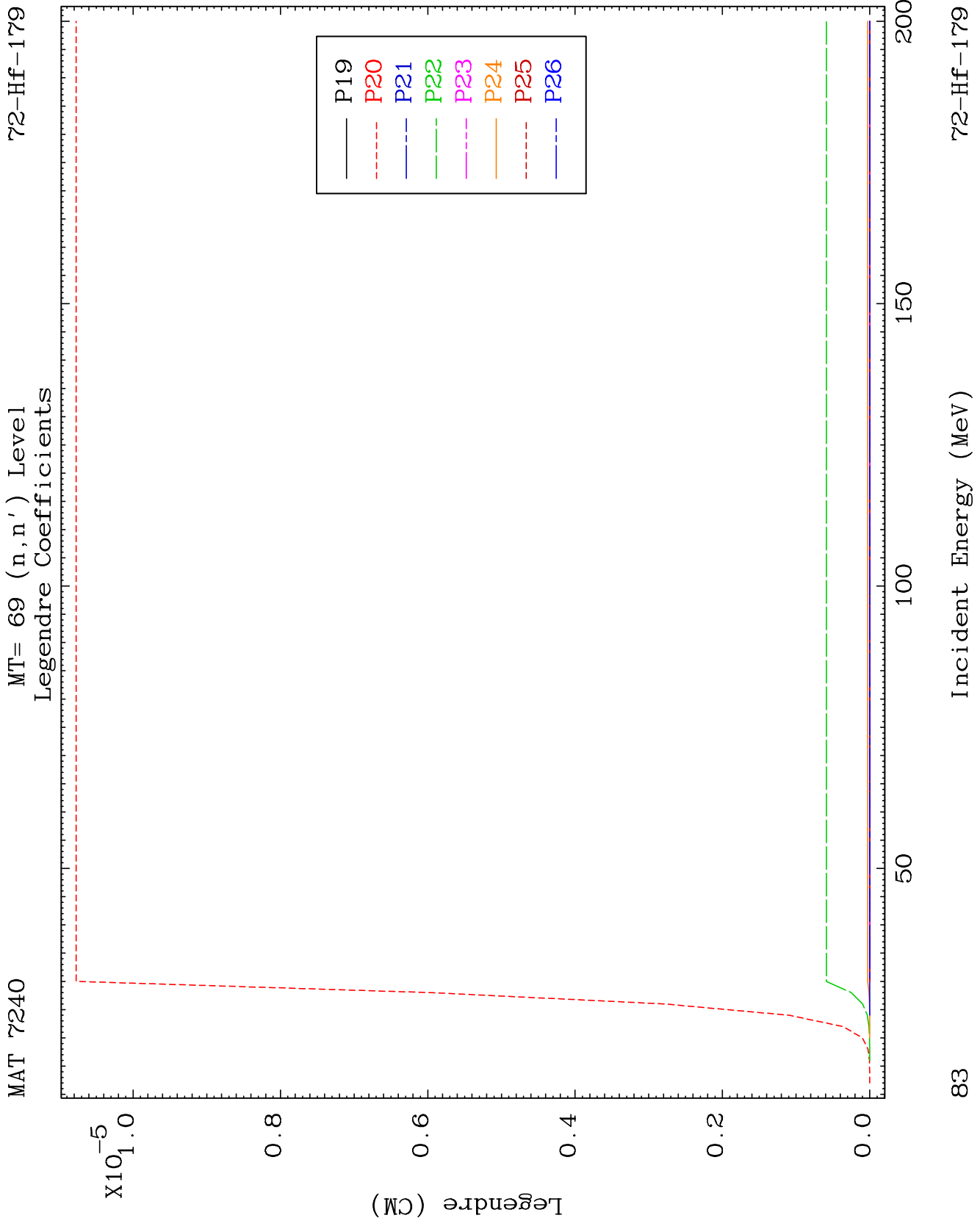
72-Hf-179



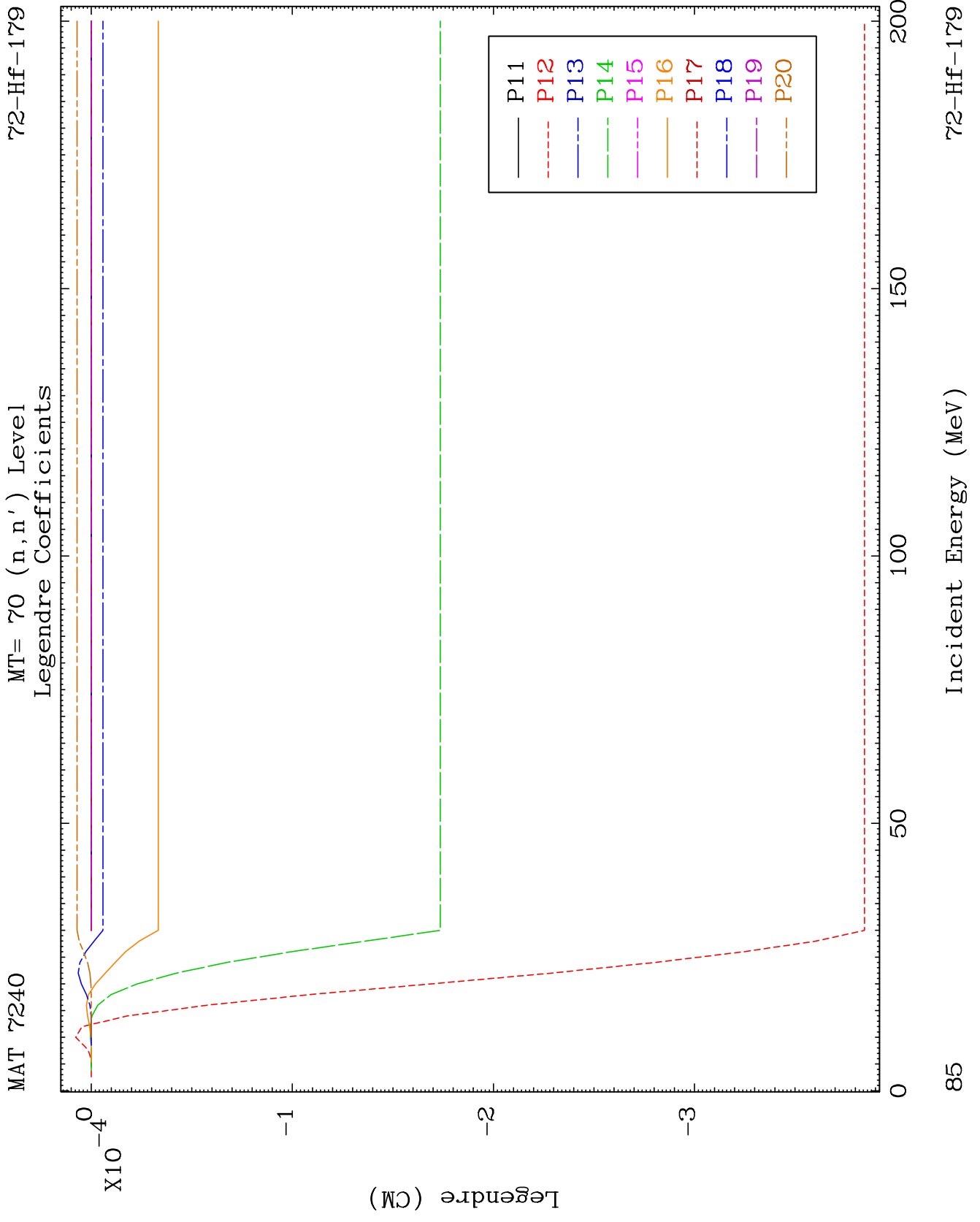
82

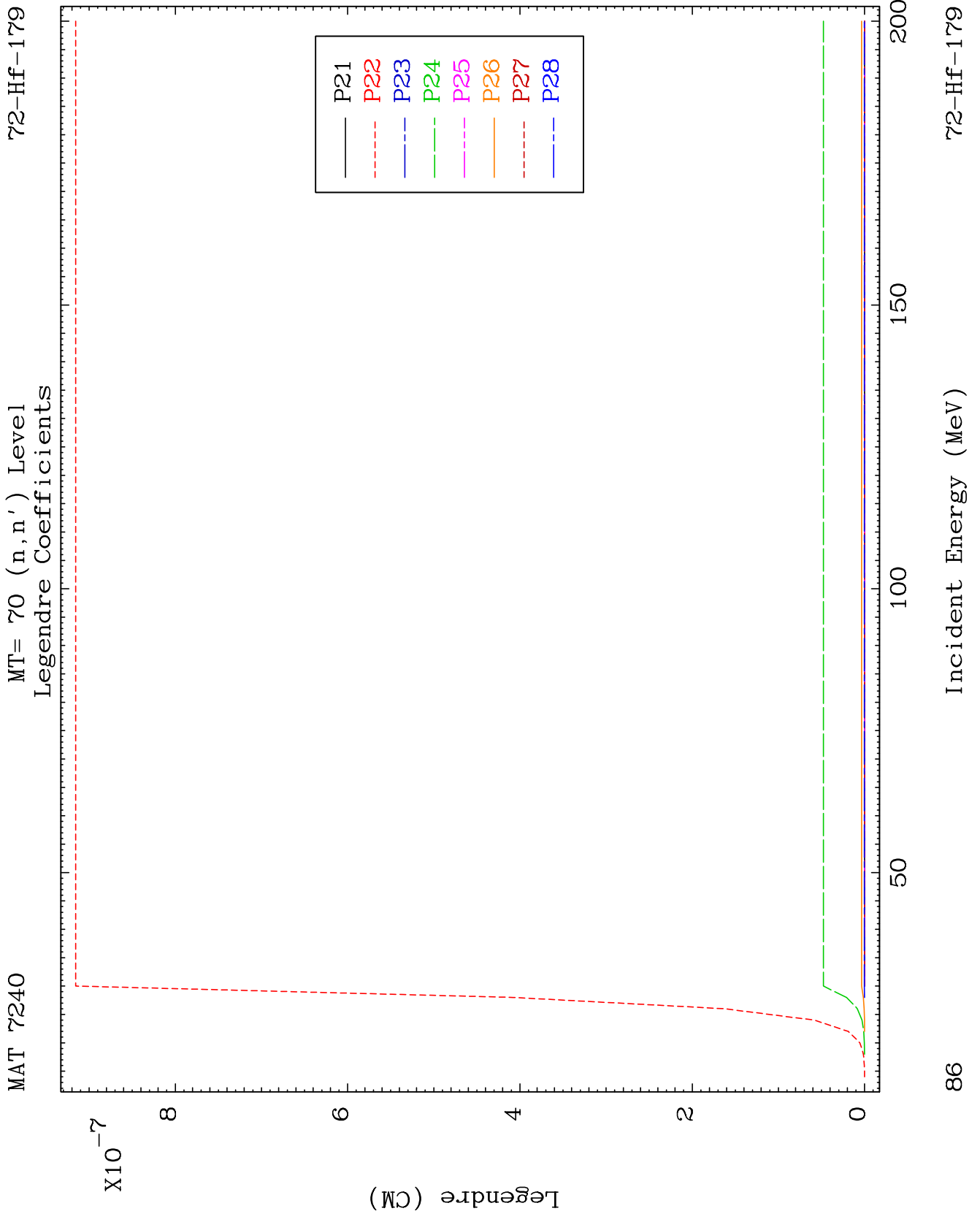
Incident Energy (MeV)

72-Hf-179









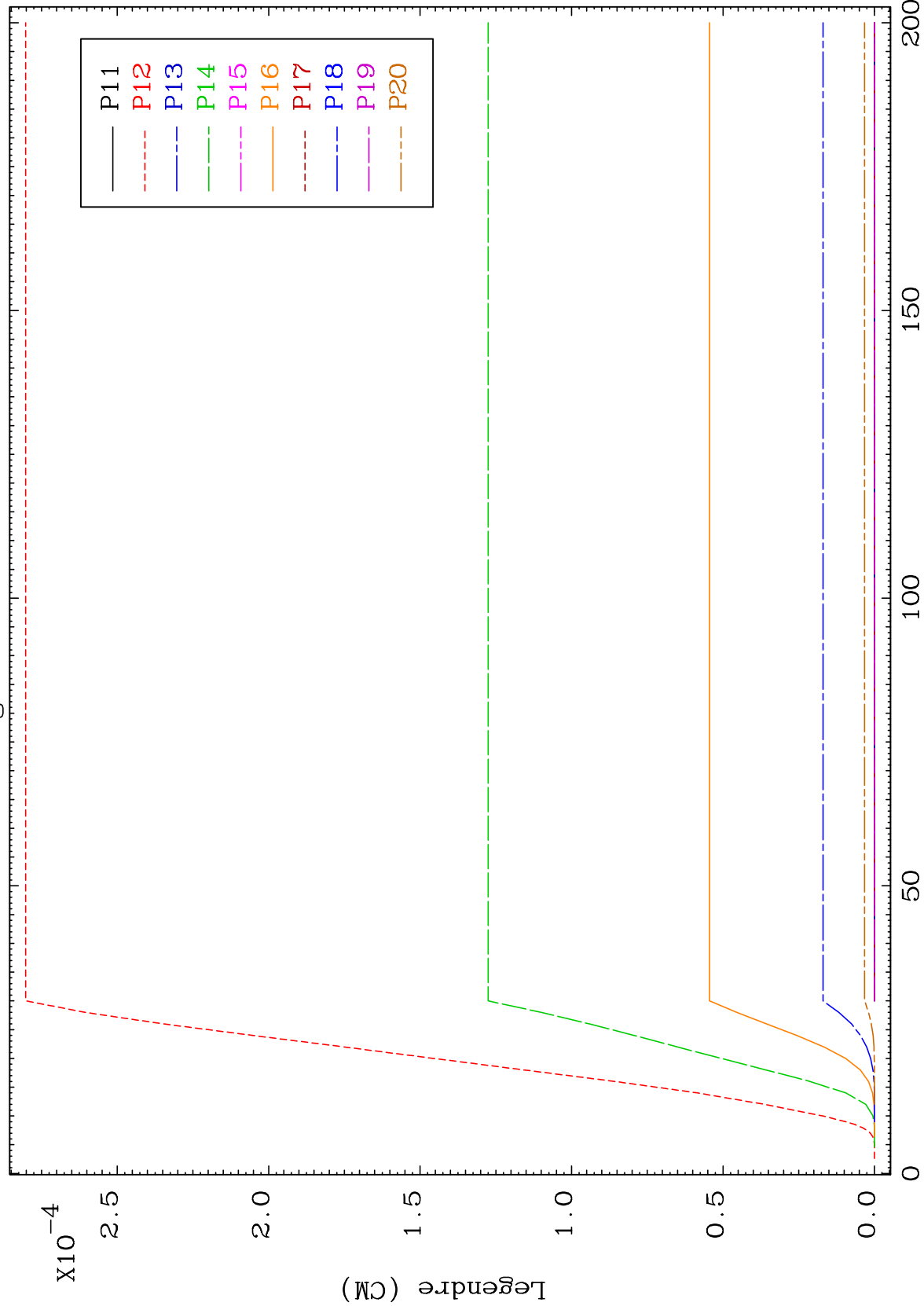




MAT 7240

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

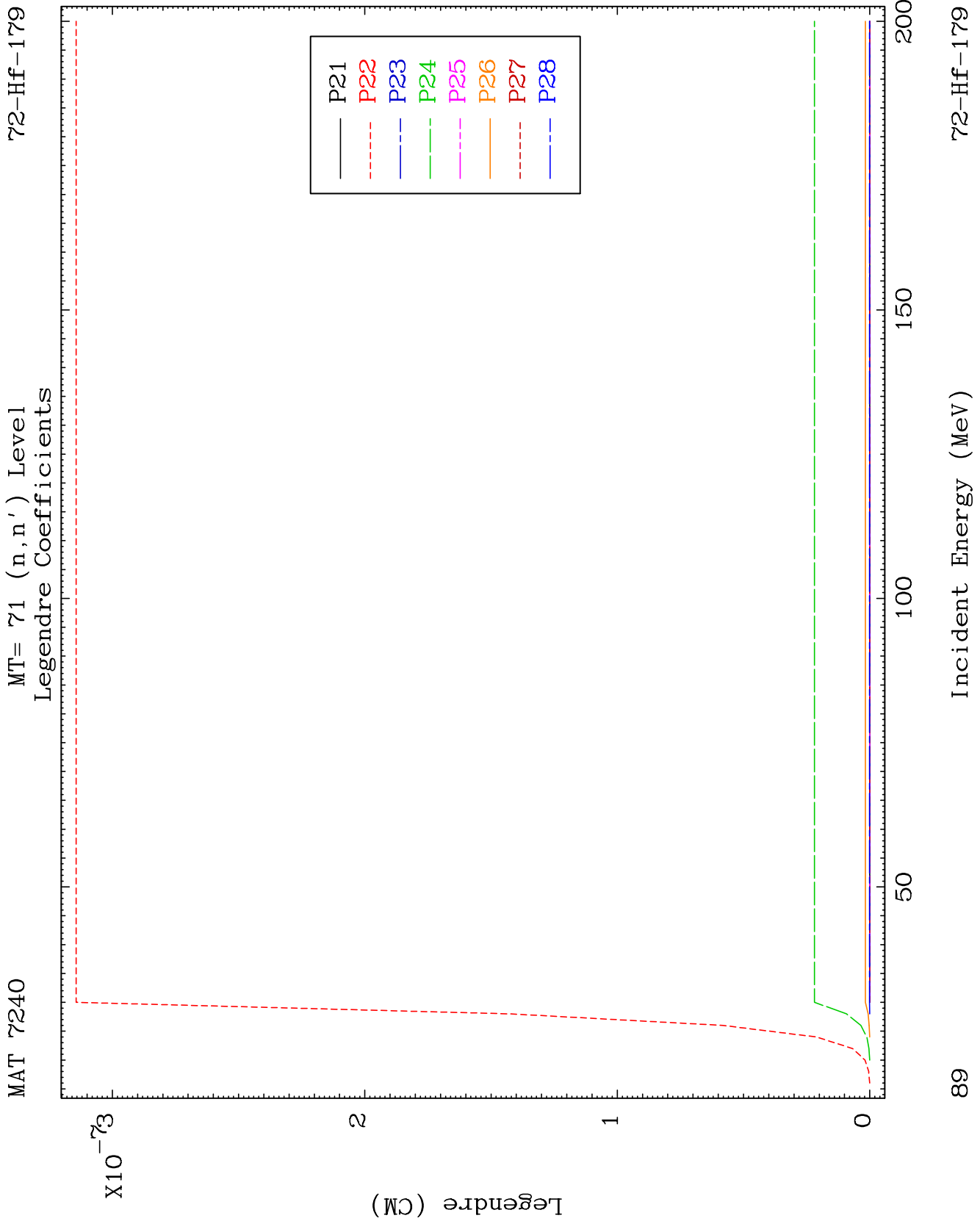
72-Hf-179



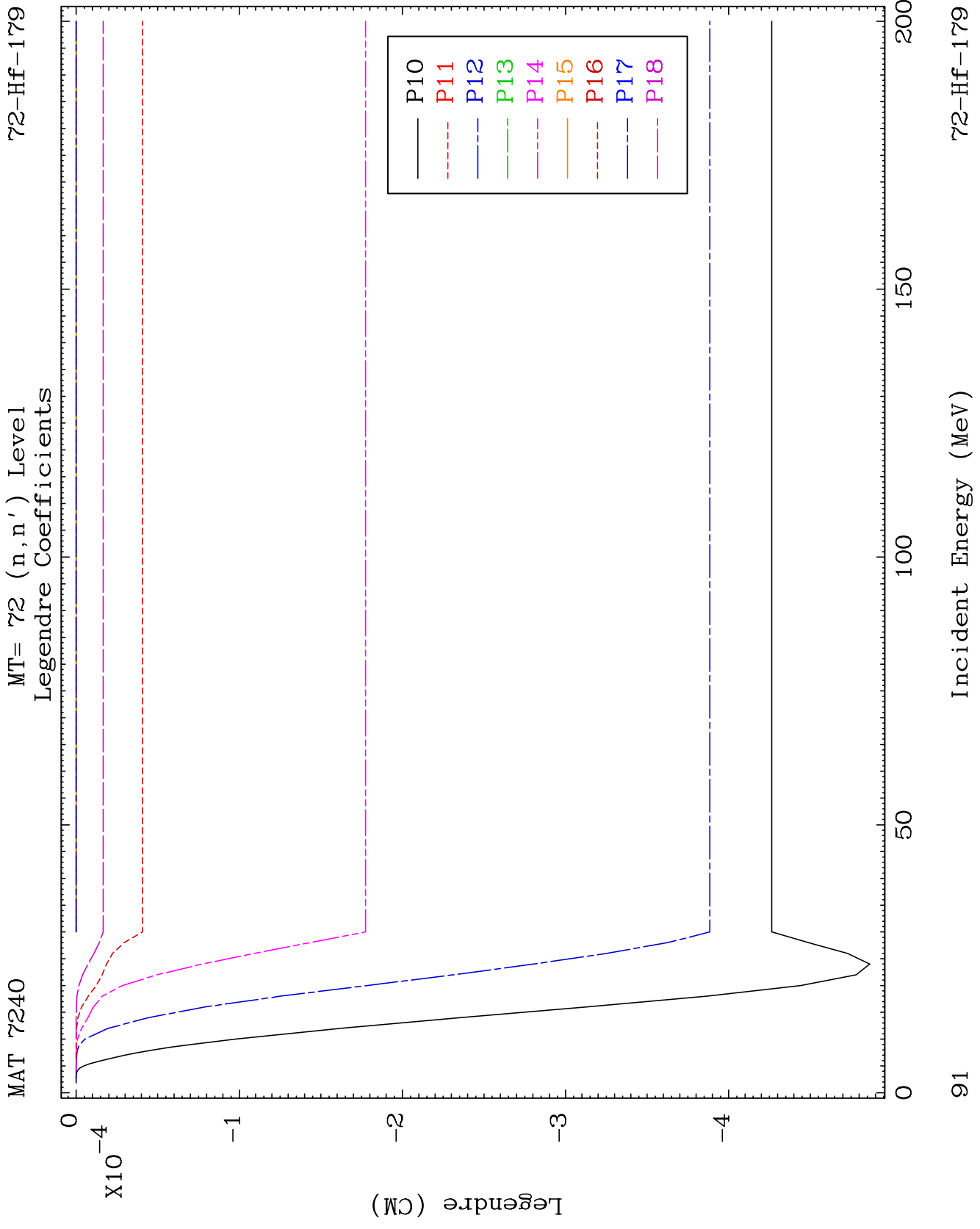
88

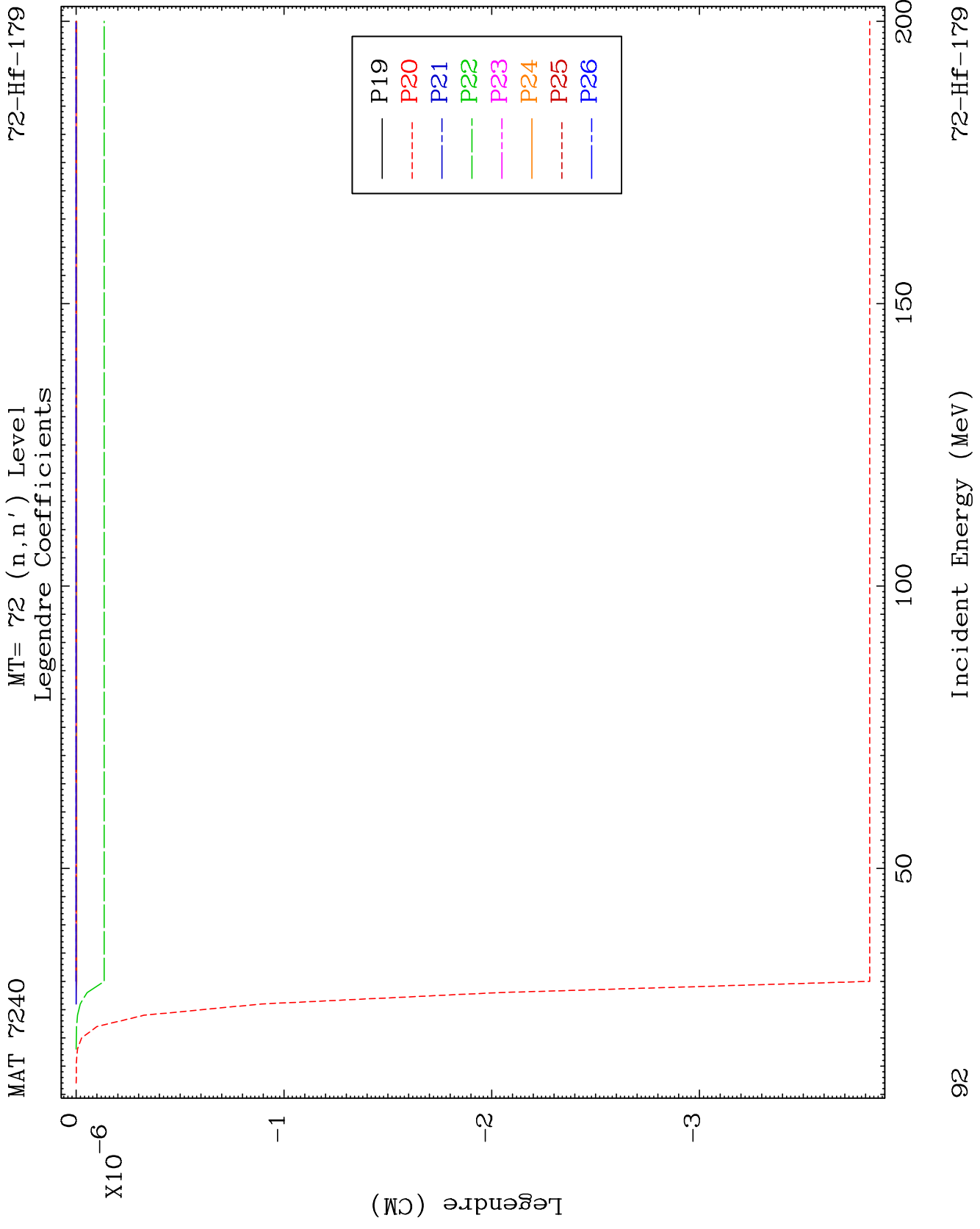
Incident Energy (MeV)

72-Hf-179





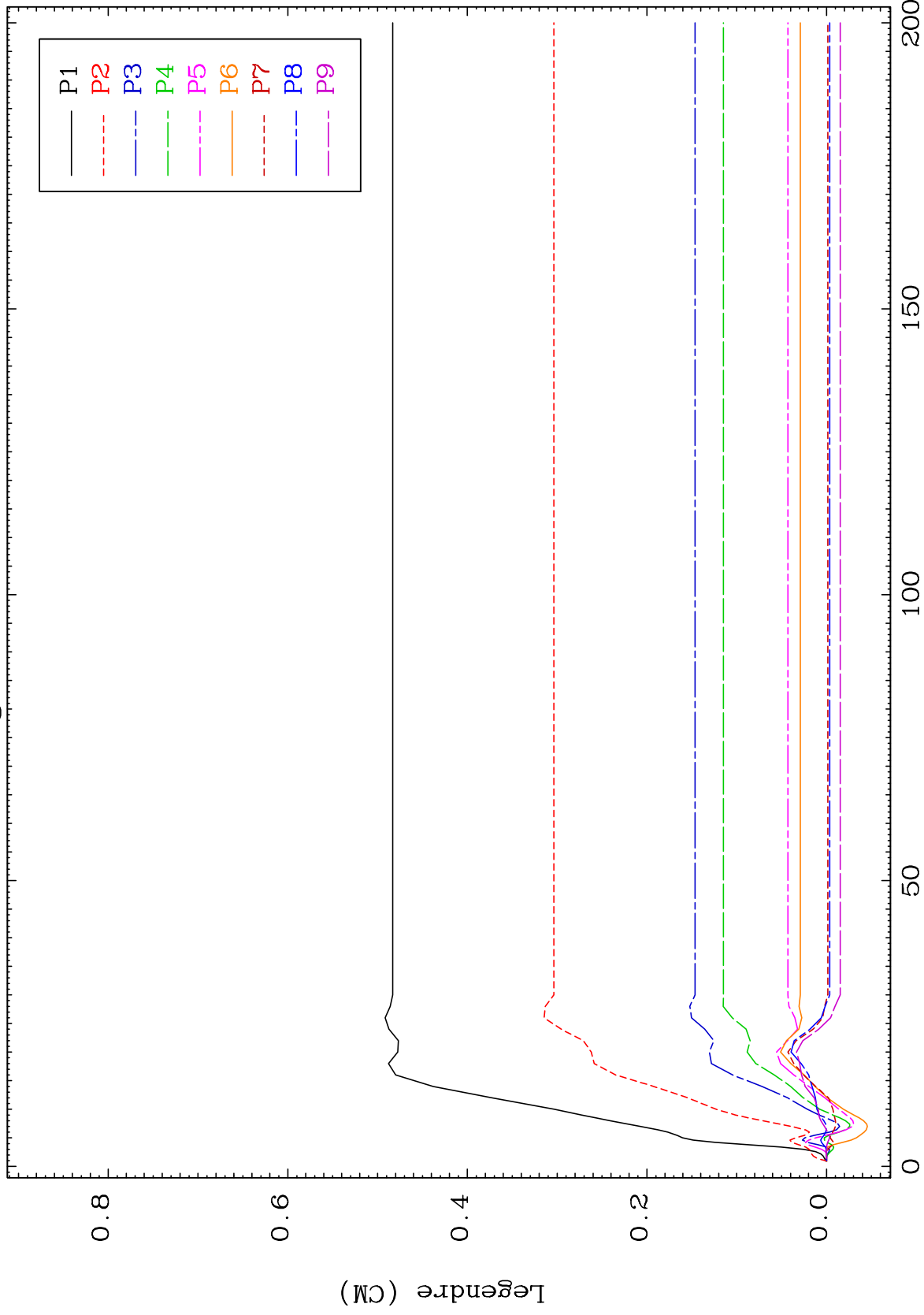




MAT 7240

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

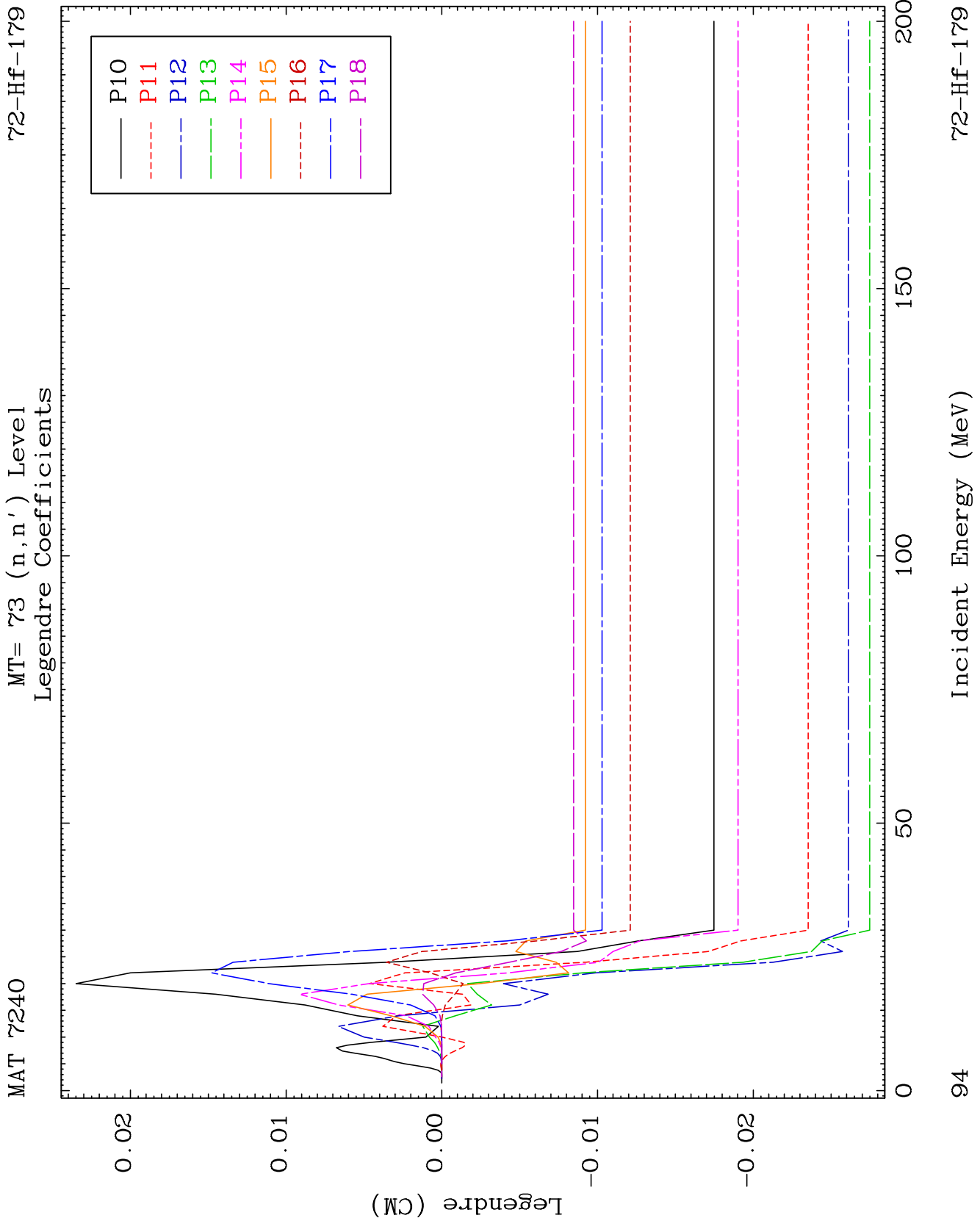
72-Hf-179



93

Incident Energy (MeV)

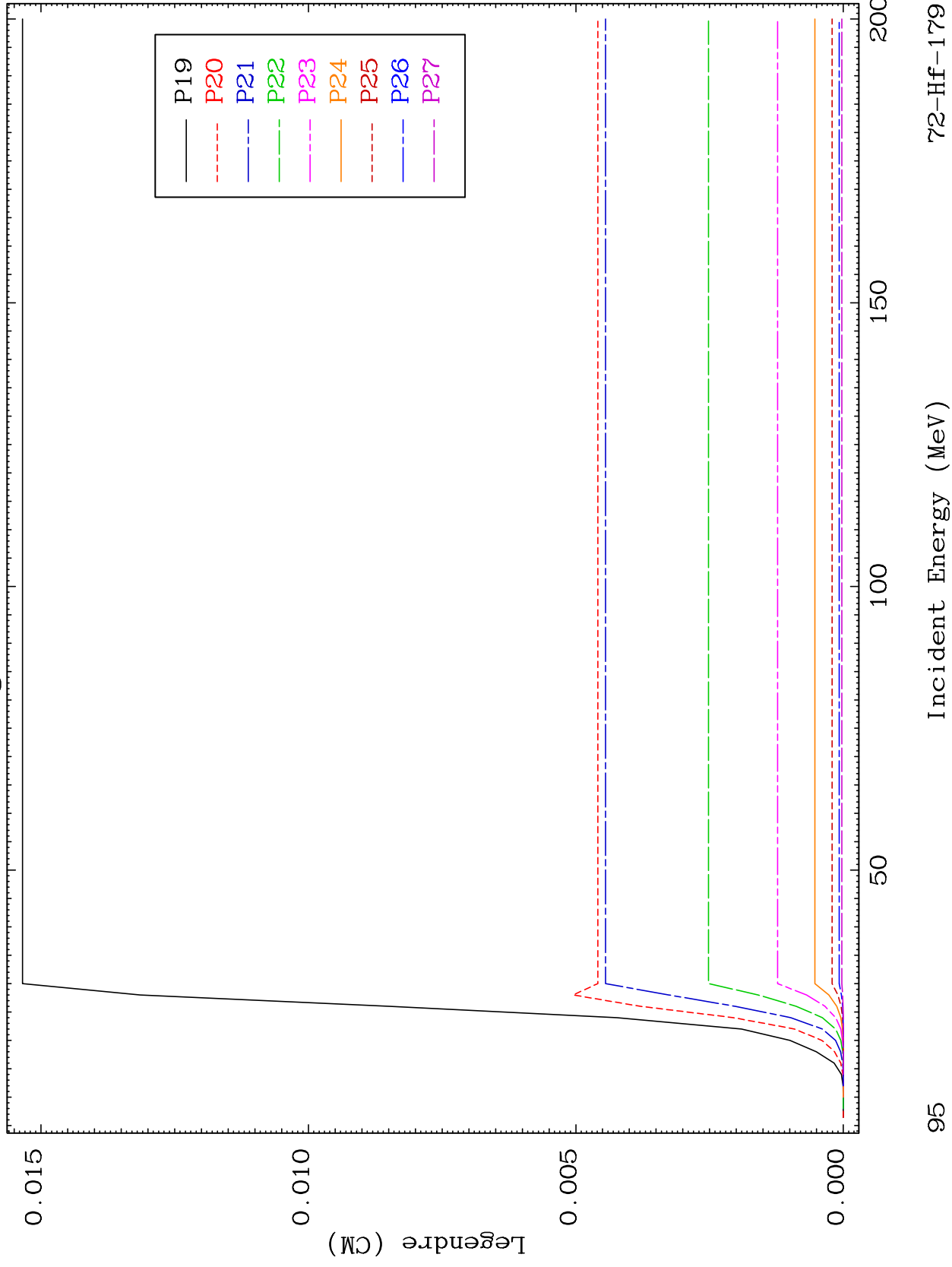
72-Hf-179



MAT 7240

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

72-Hf-179



95

Incident Energy (MeV)

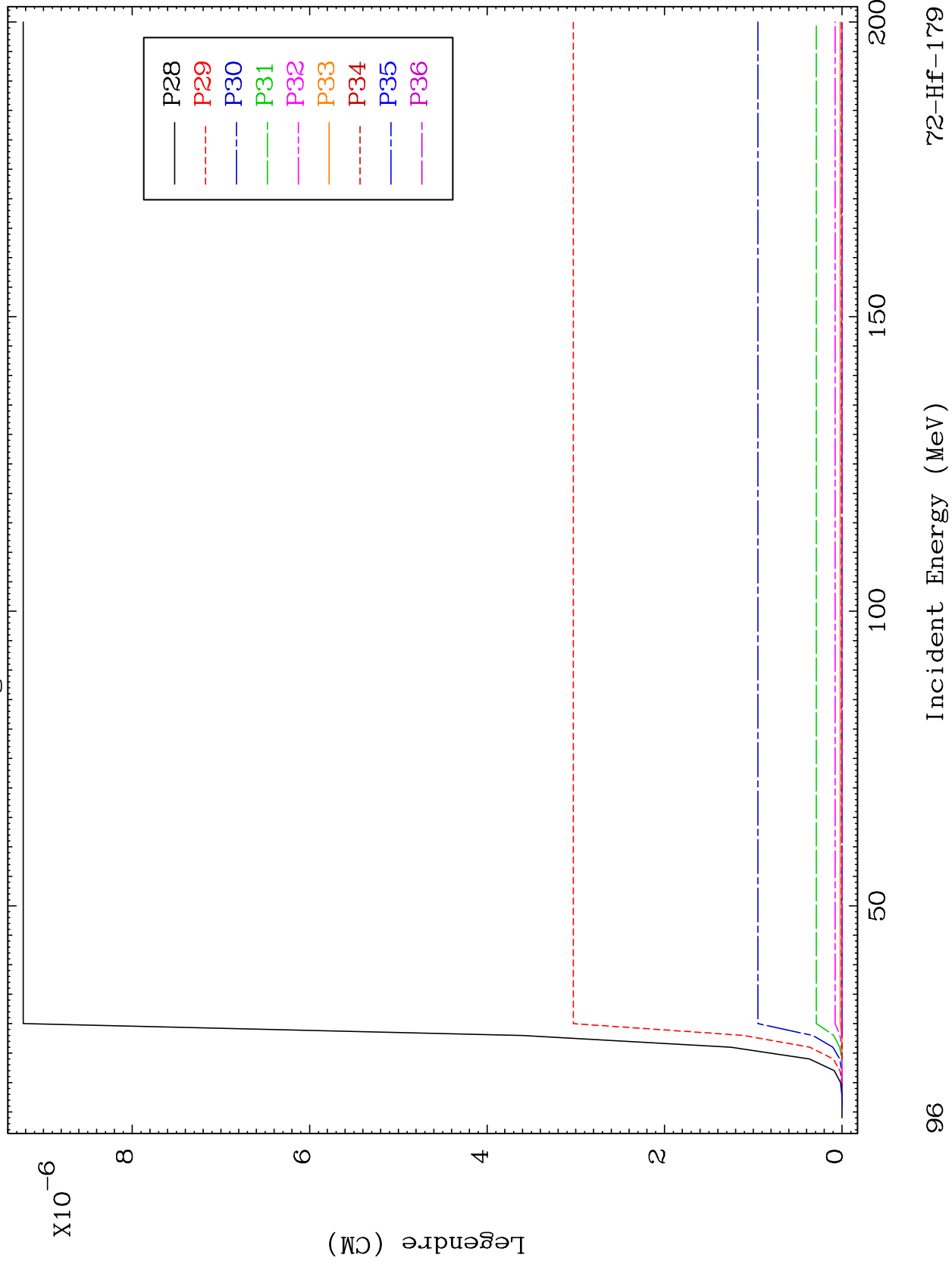
72-Hf-179



MAT 7240

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

72-Hf-179



96

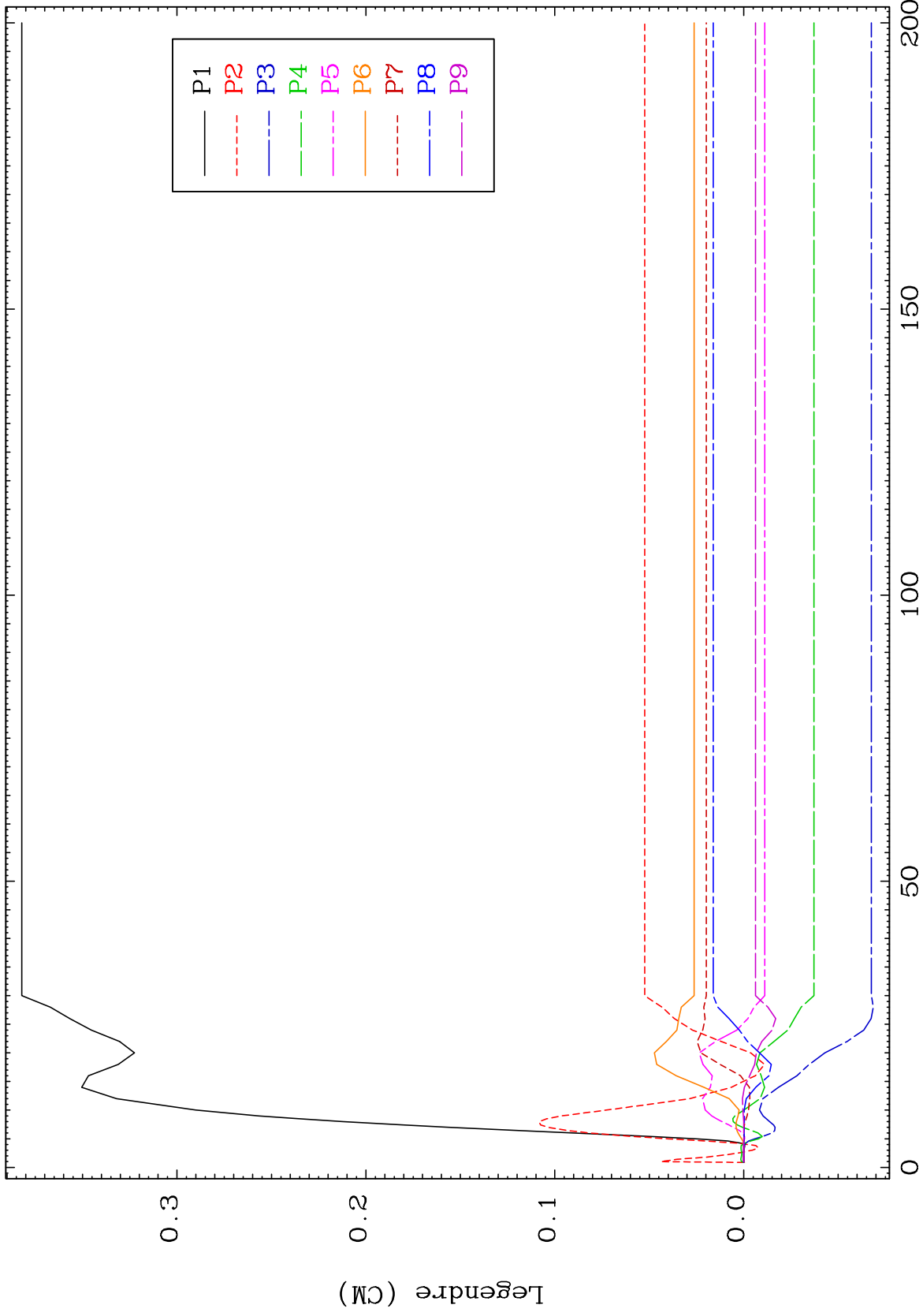
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



97

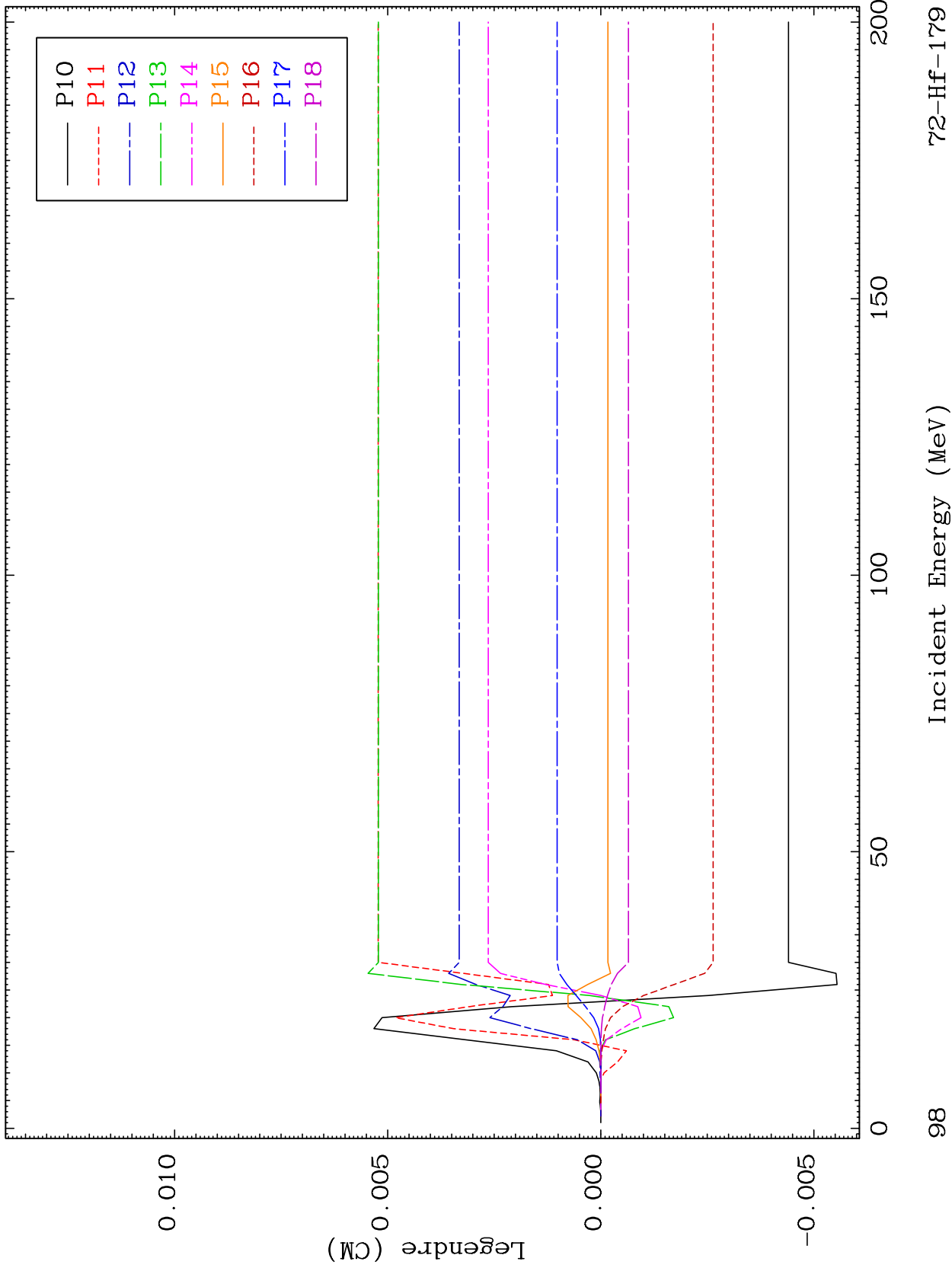
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



98

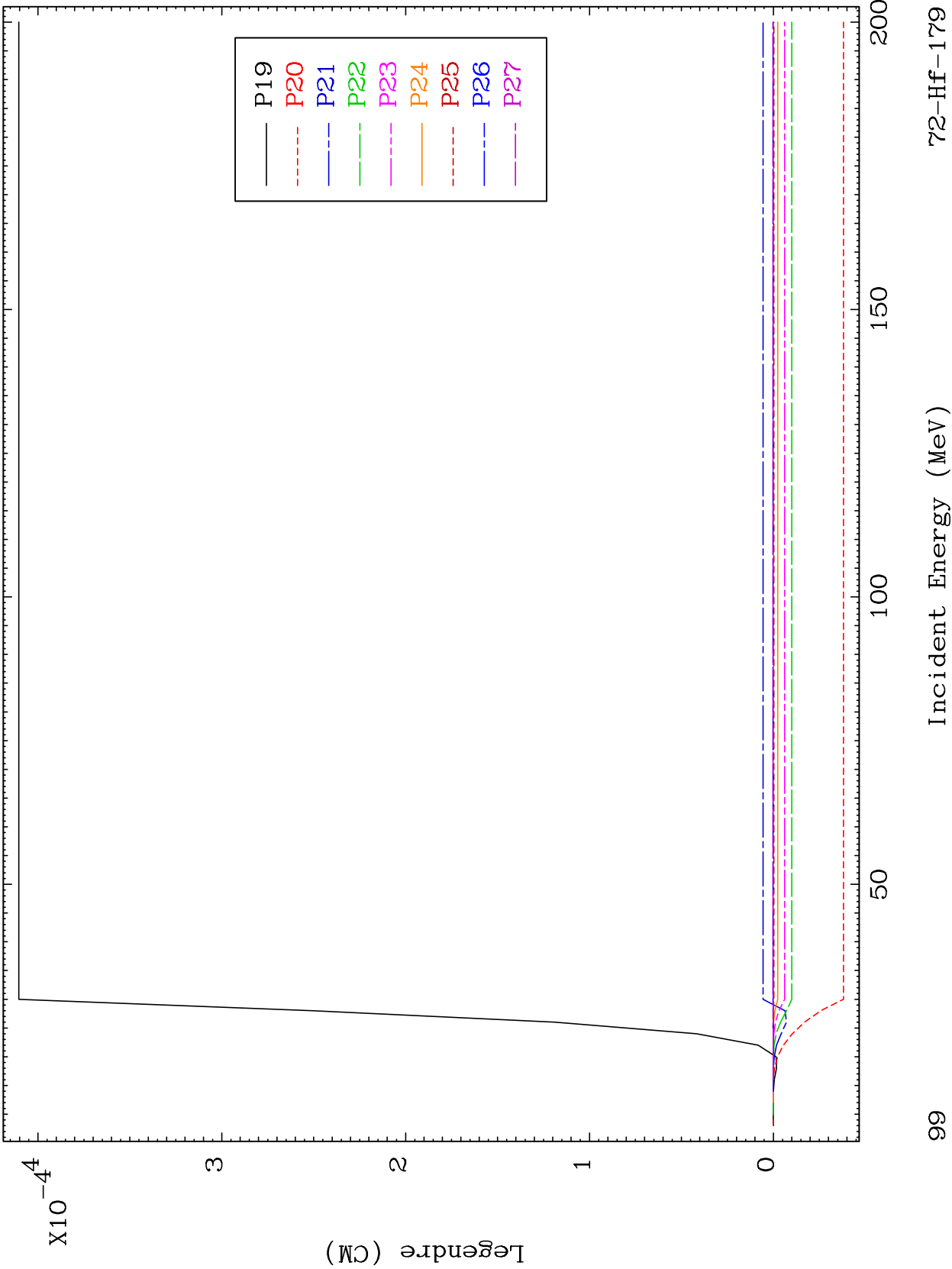
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



99

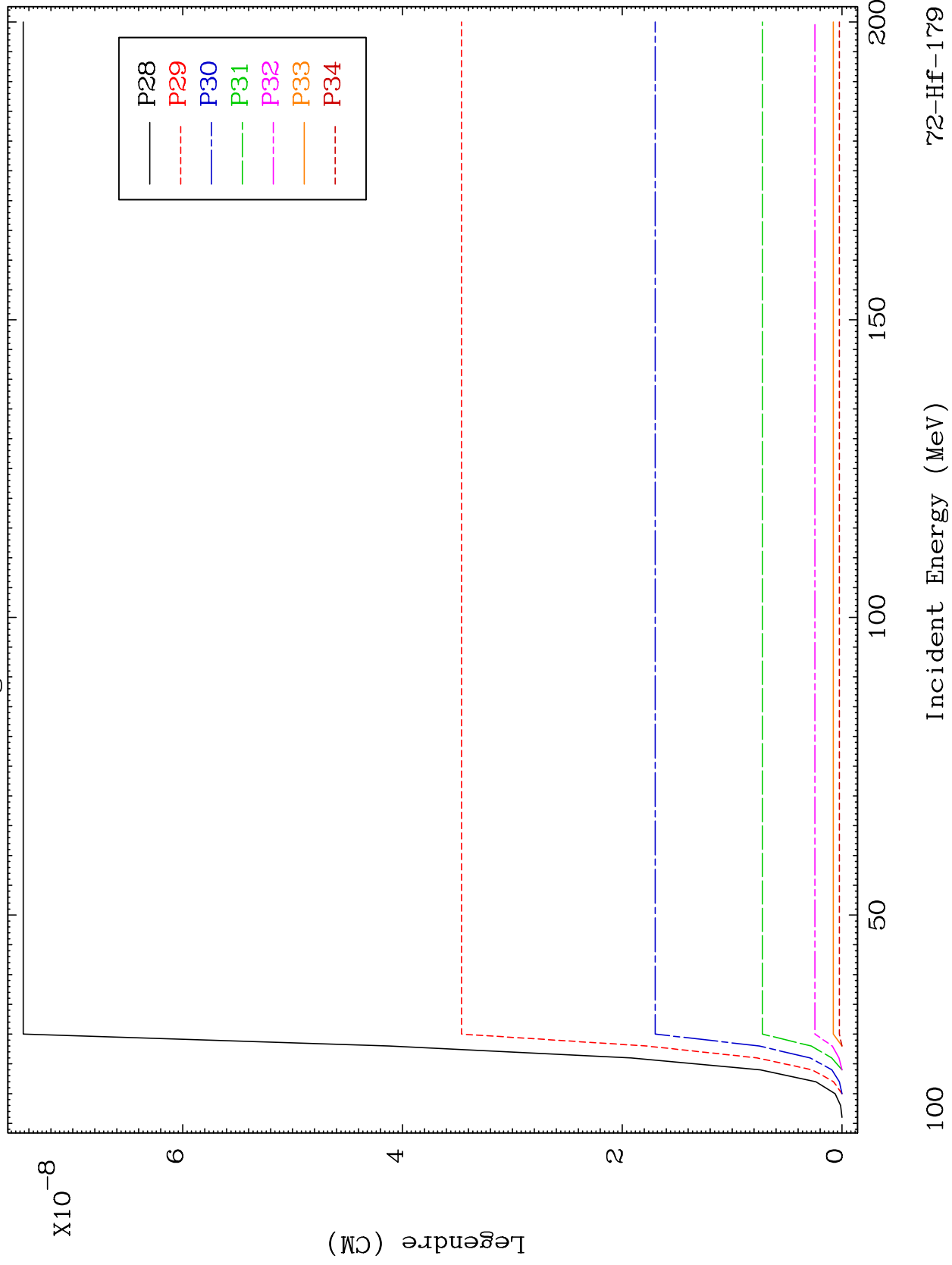
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179

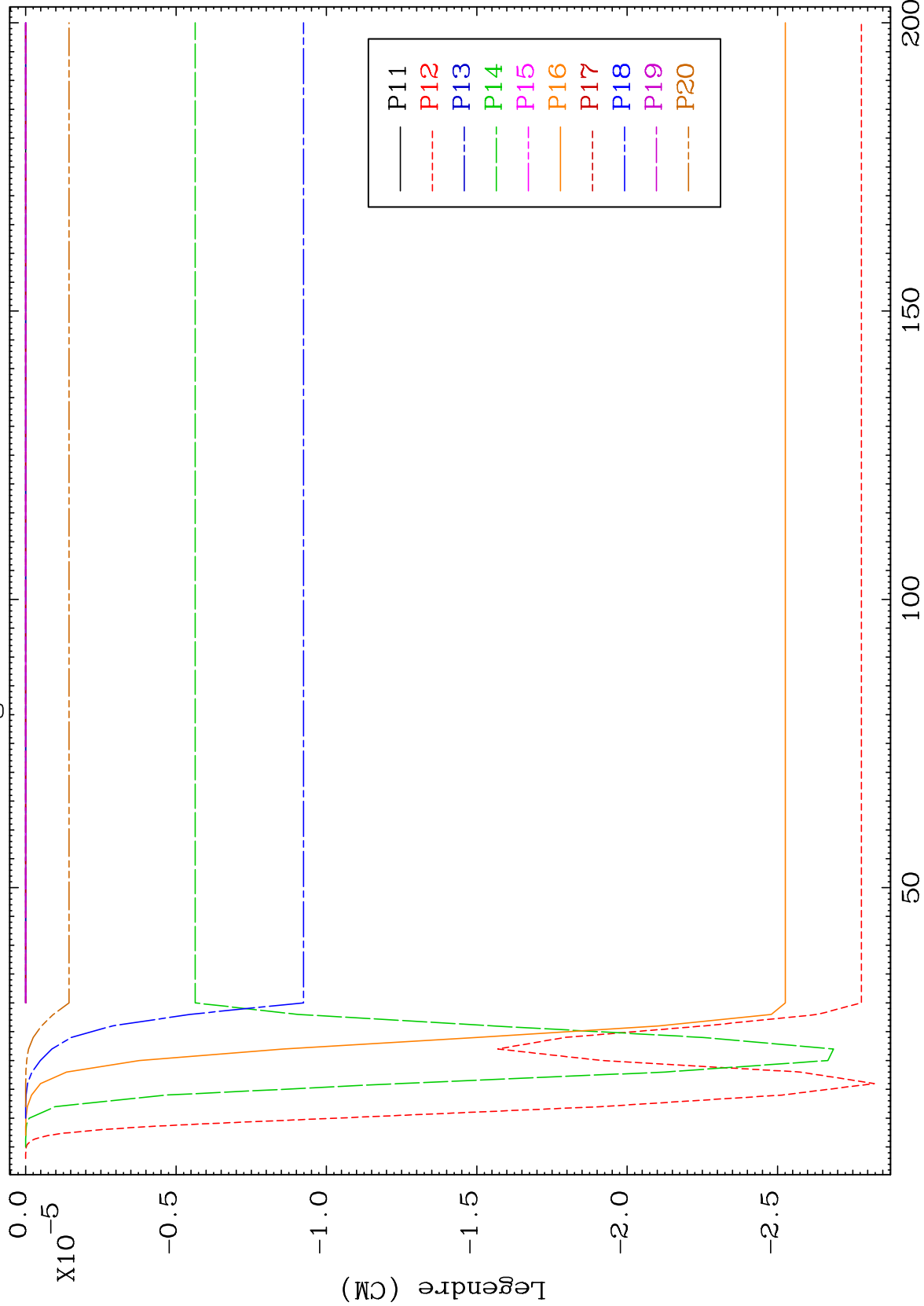




MAT 7240

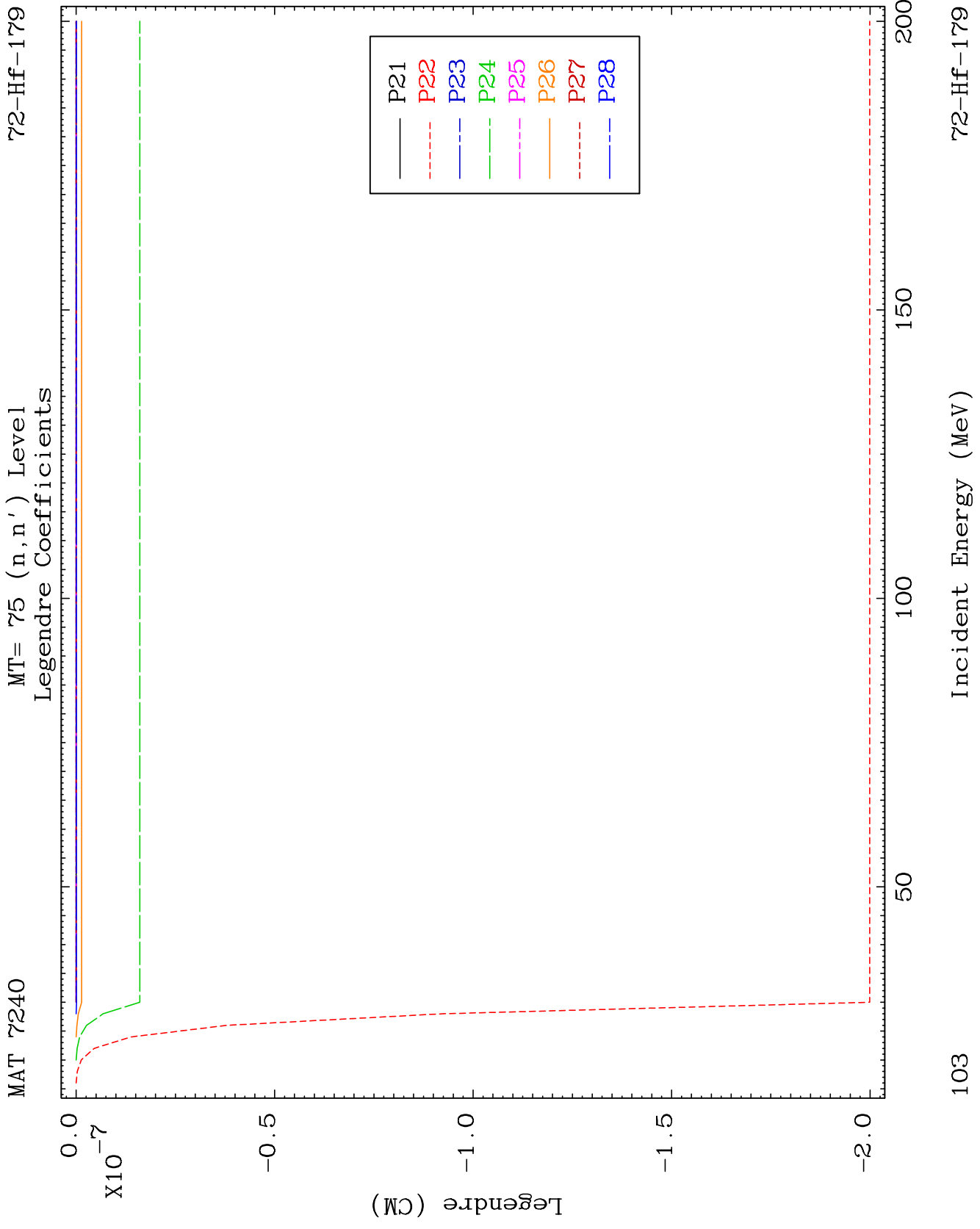
MT= 75 (n,n') Level  
Legendre Coefficients

72-Hf-179



102

72-Hf-179

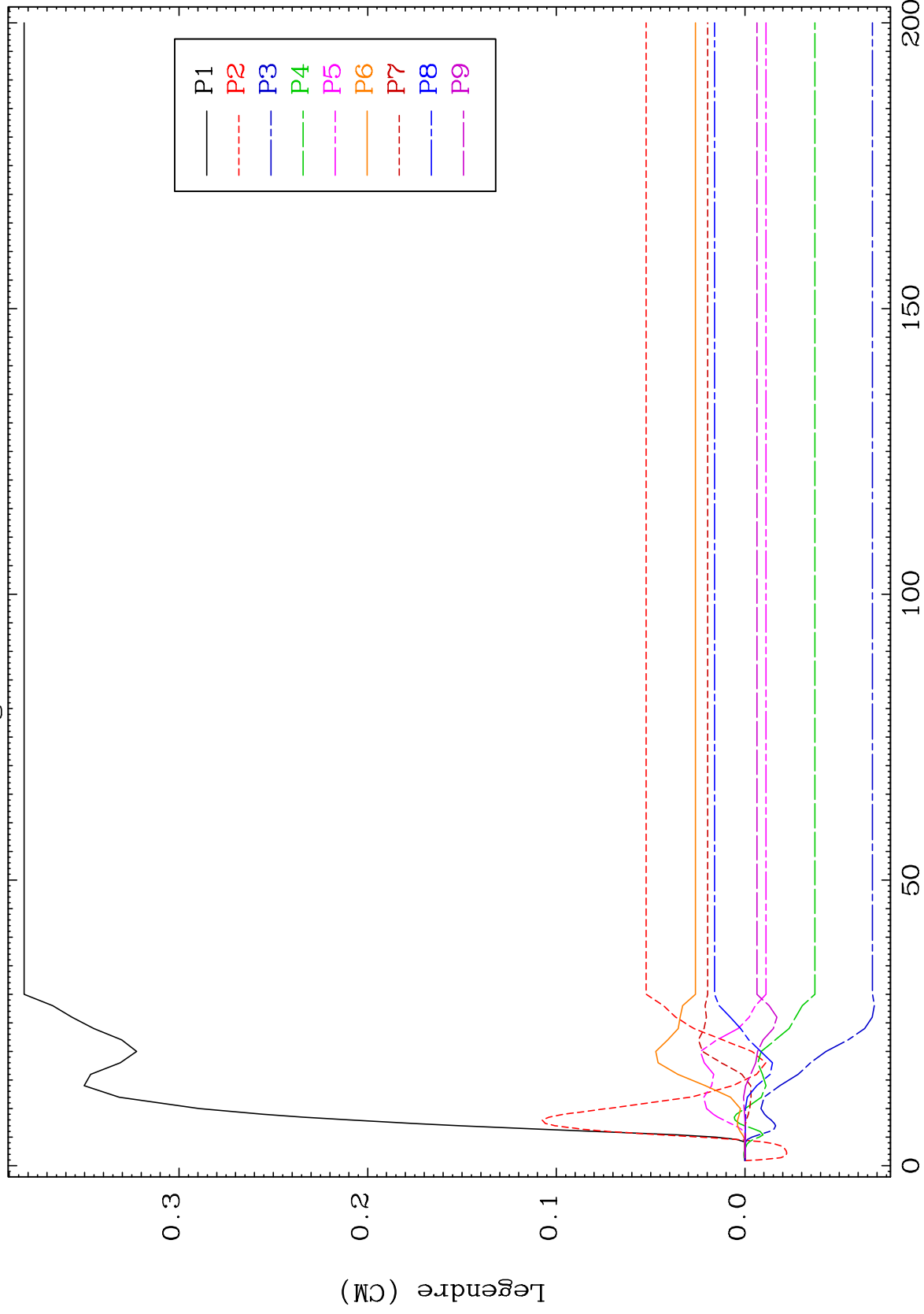




MAT 7240

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

72-Hf-179



104

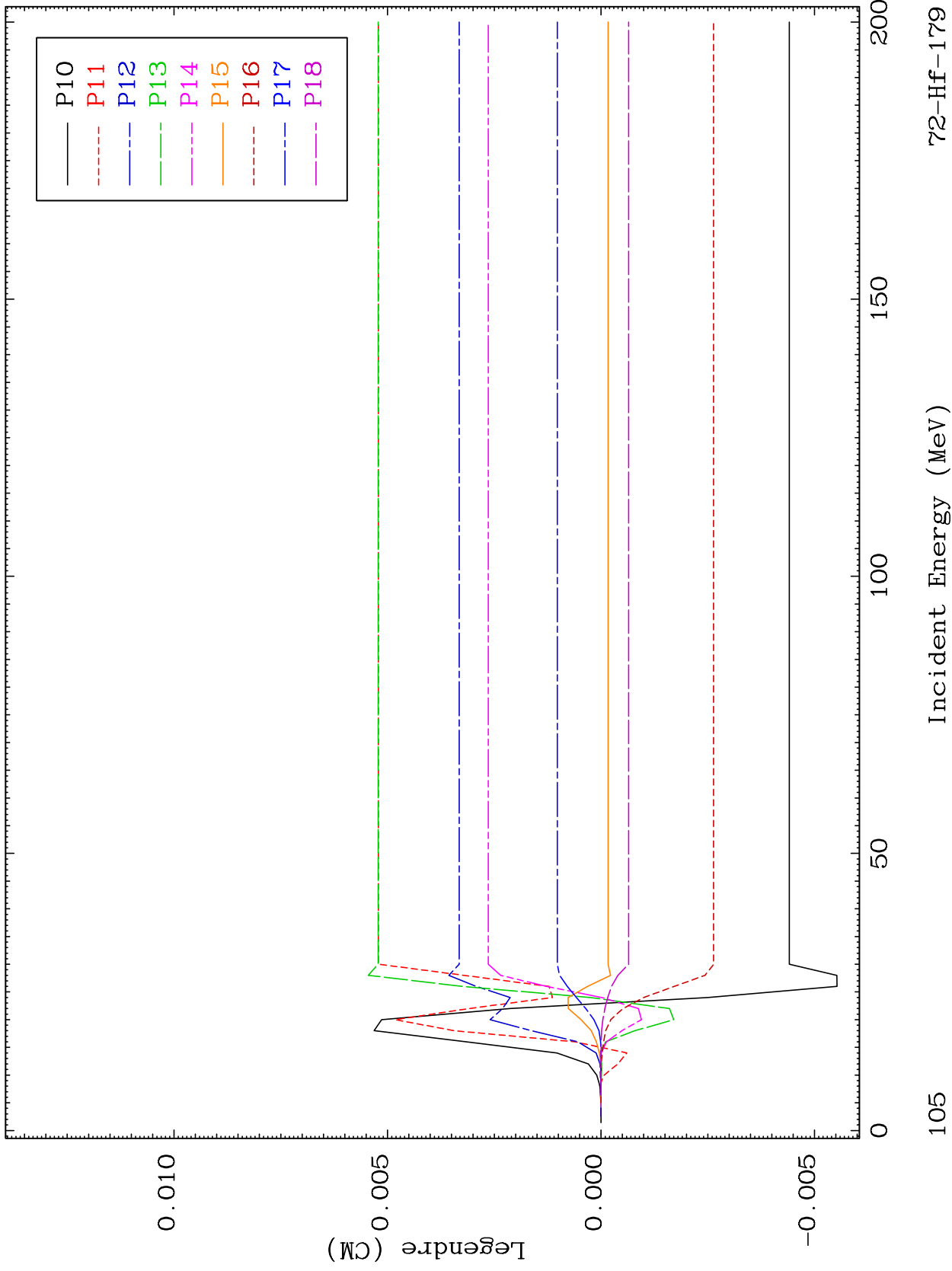
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

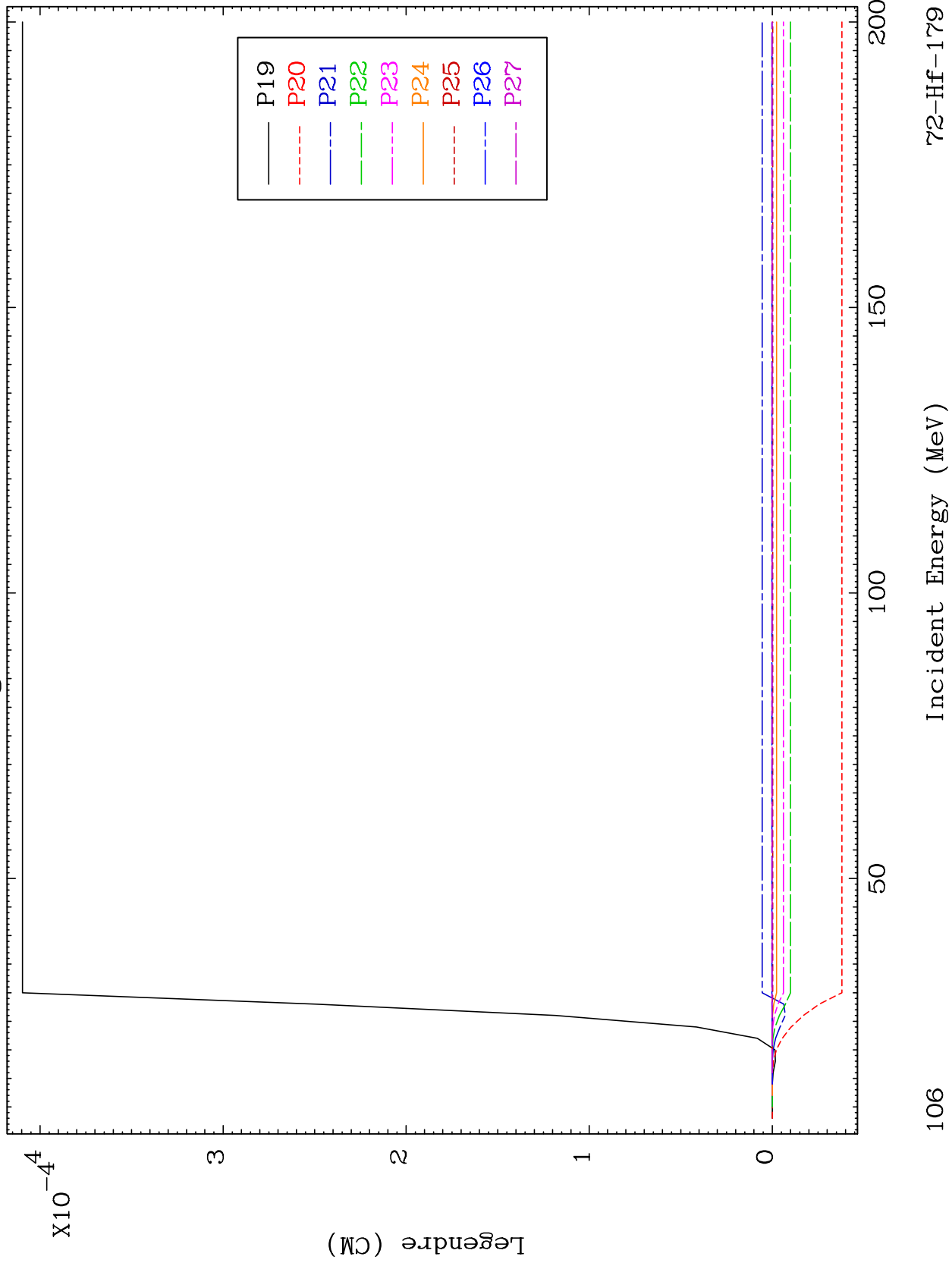
Incident Energy (MeV)

105

MAT 7240

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

72-Hf-179



106

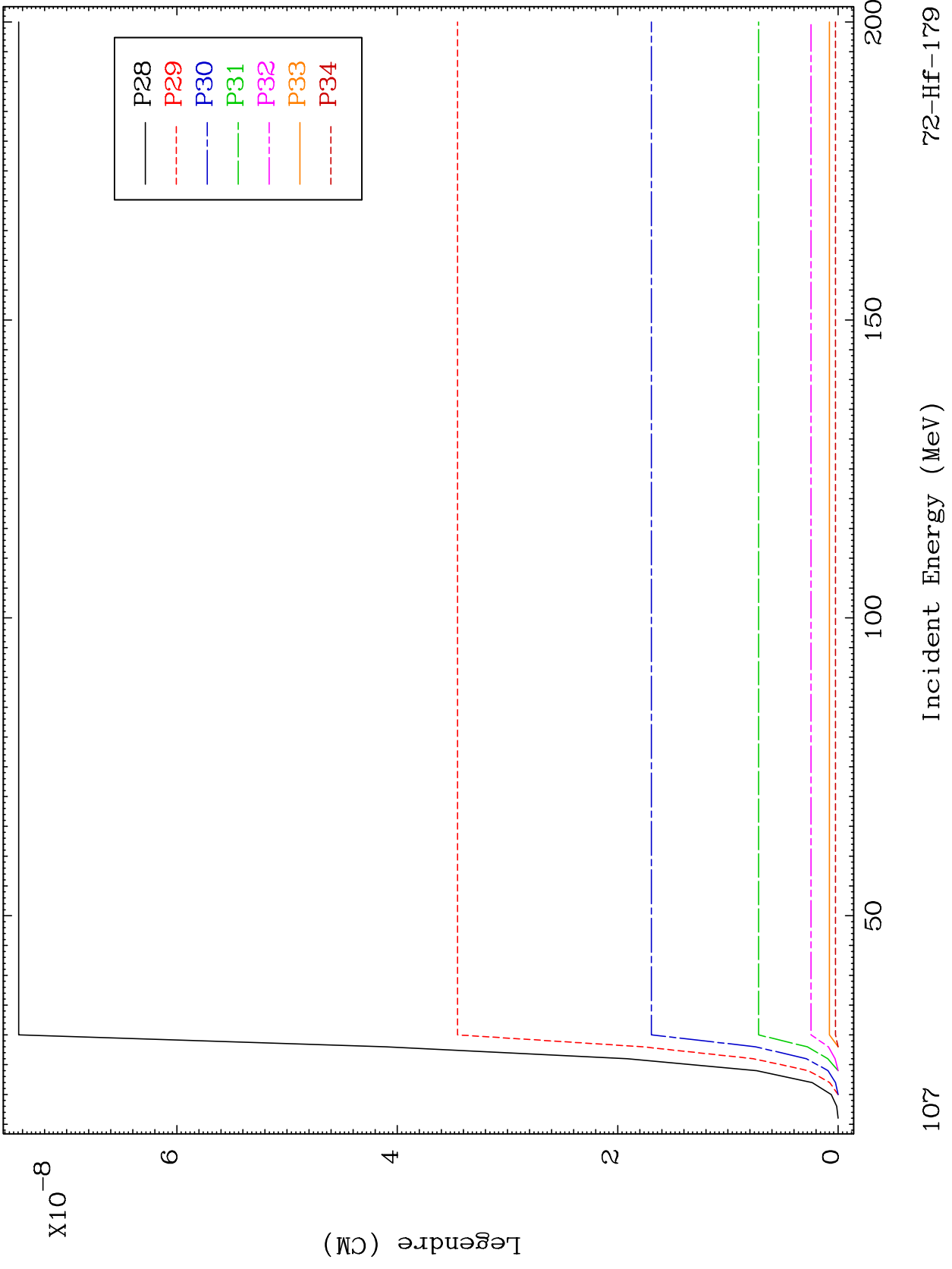
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



107

Incident Energy (MeV)

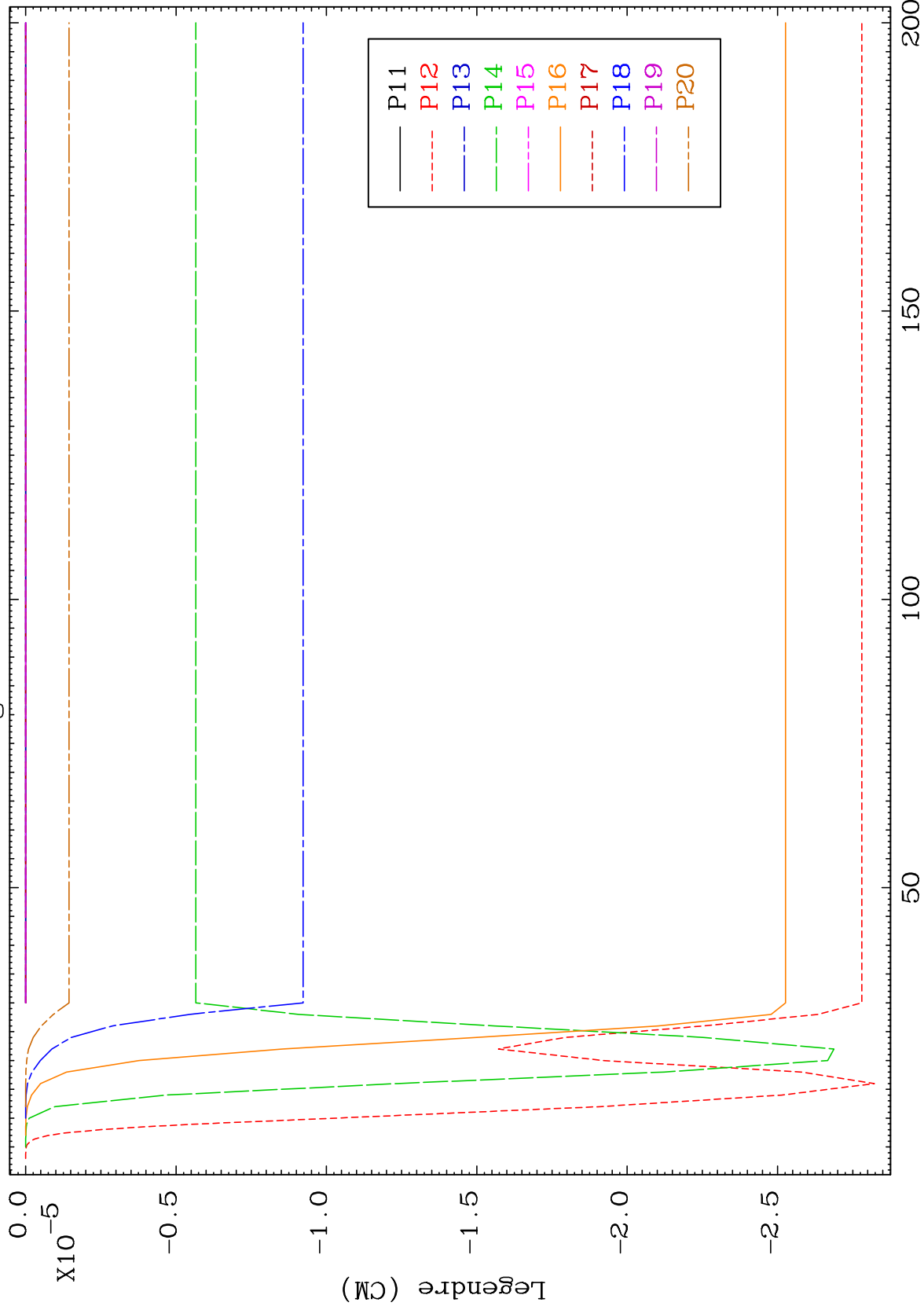
72-Hf-179



MAT 7240

MT= 77 (n,n') Level  
Legendre Coefficients

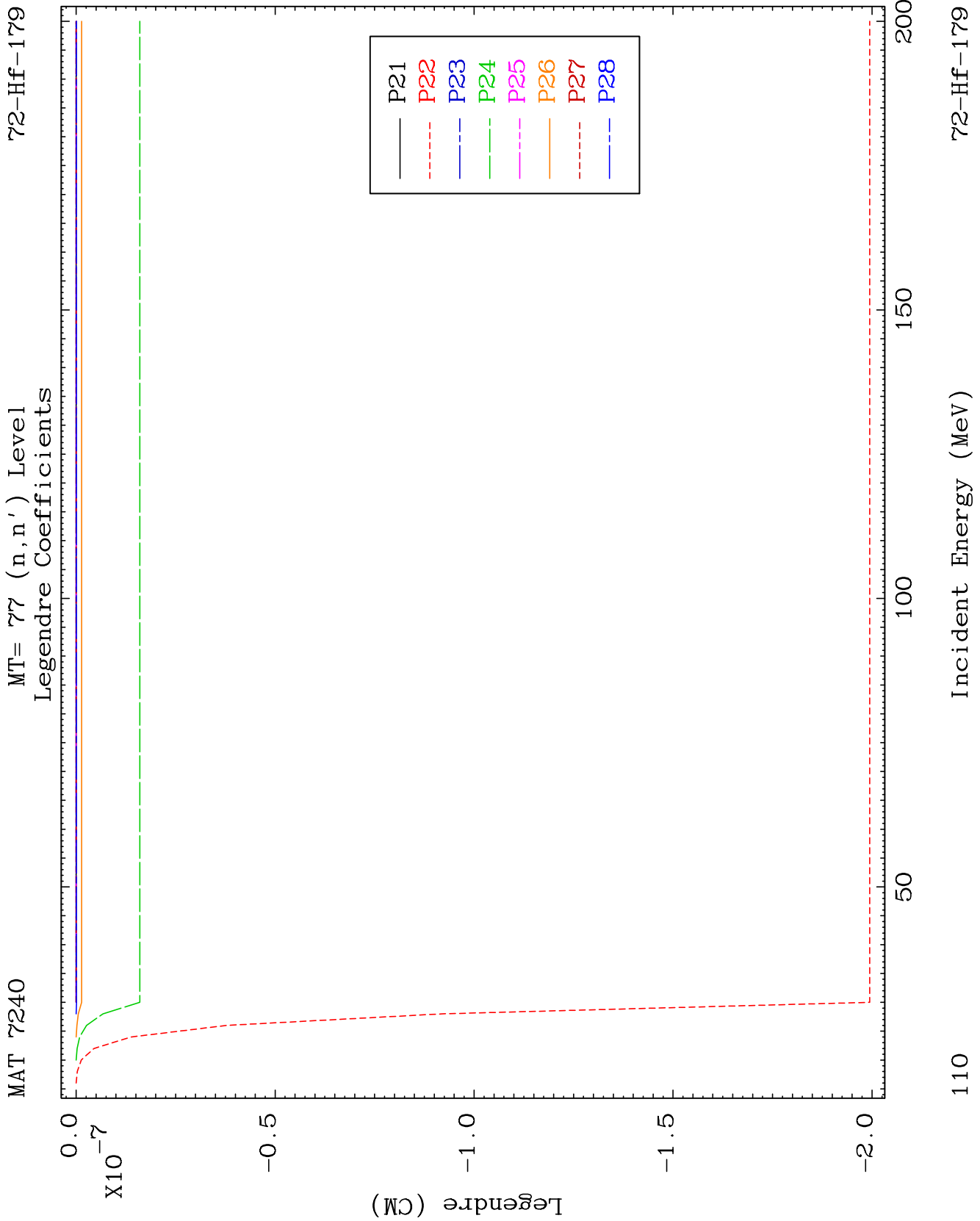
72-Hf-179

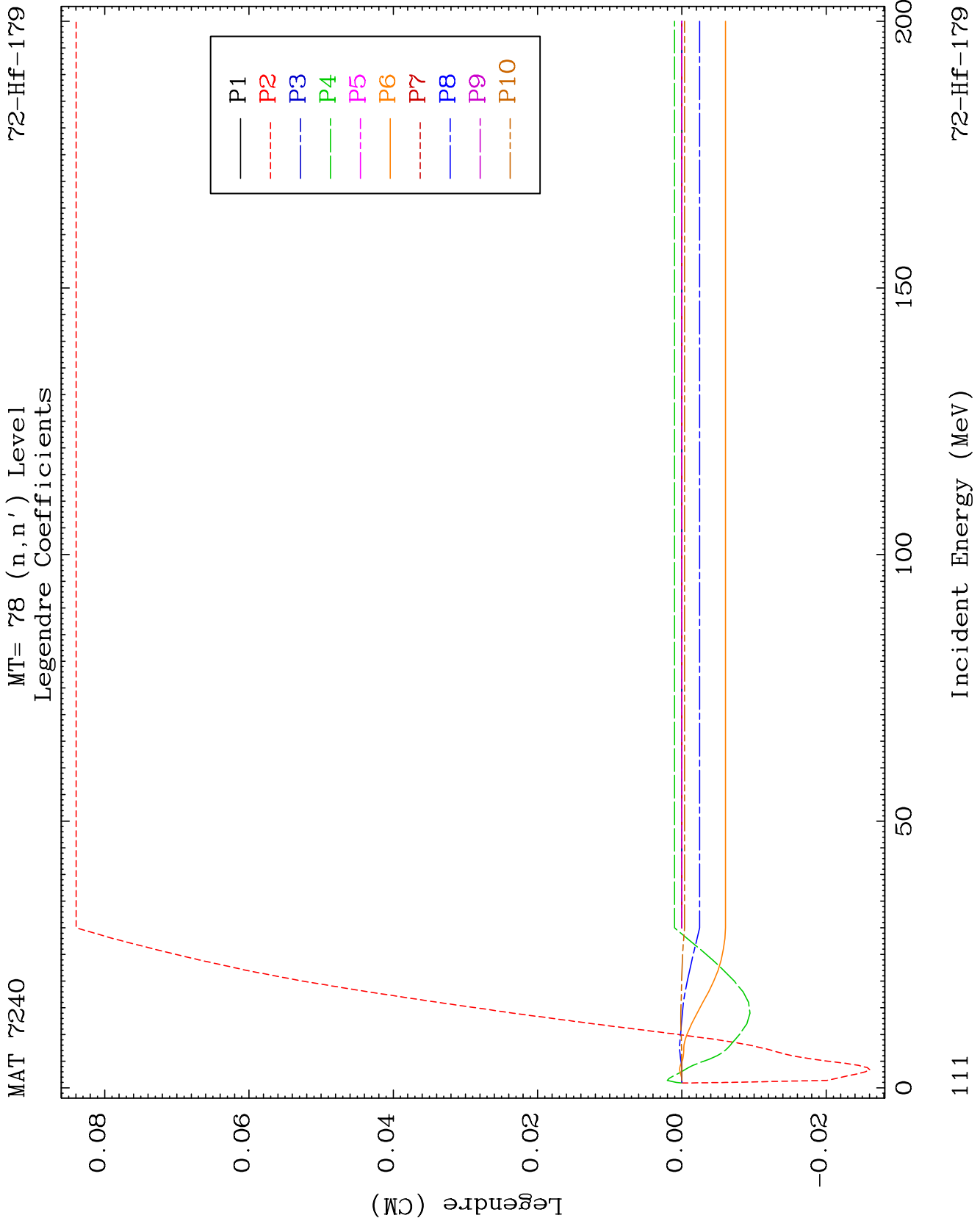


109

Incident Energy (MeV)

72-Hf-179



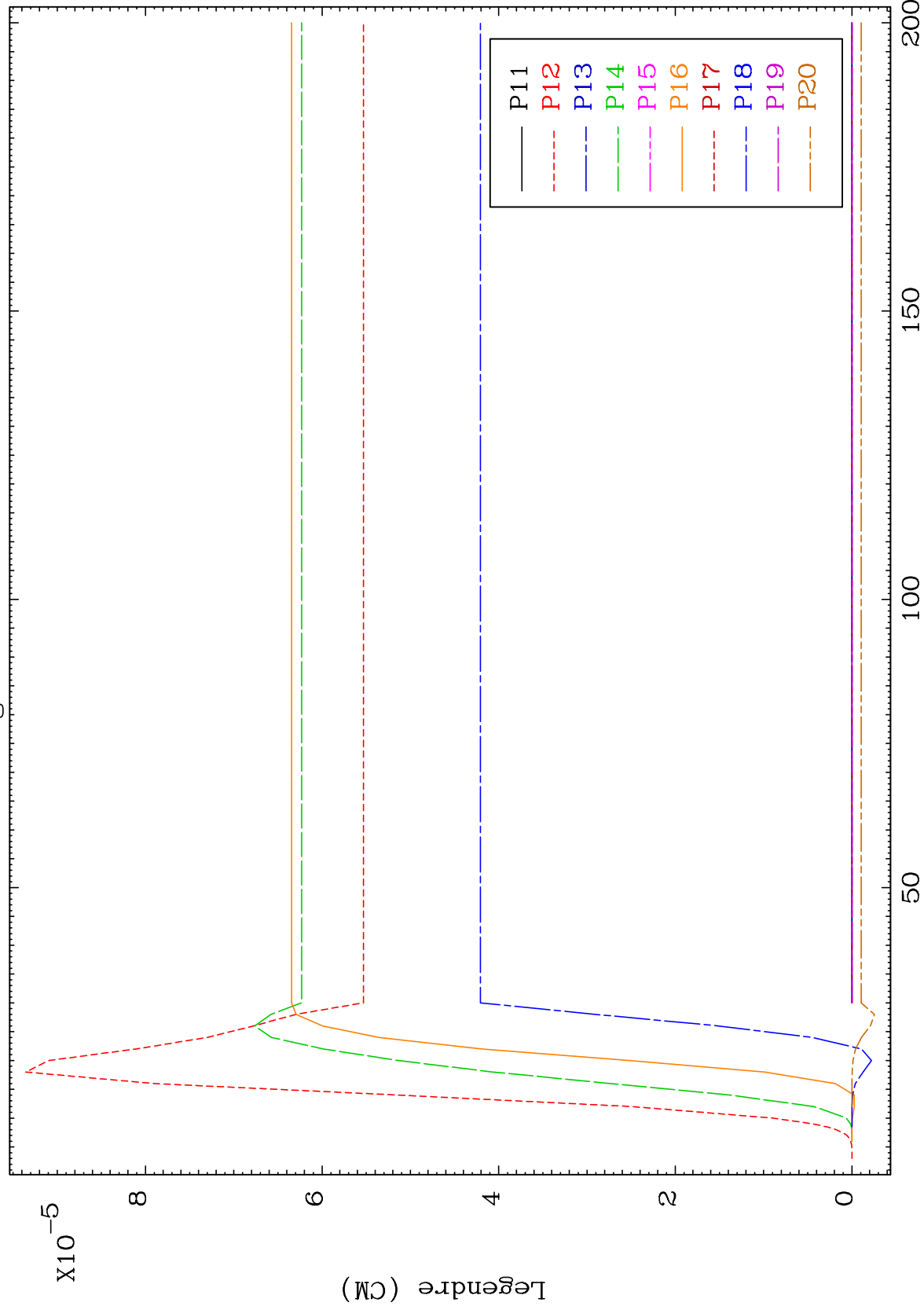




MAT 7240

MT= 78 (n,n') Level  
Legendre Coefficients

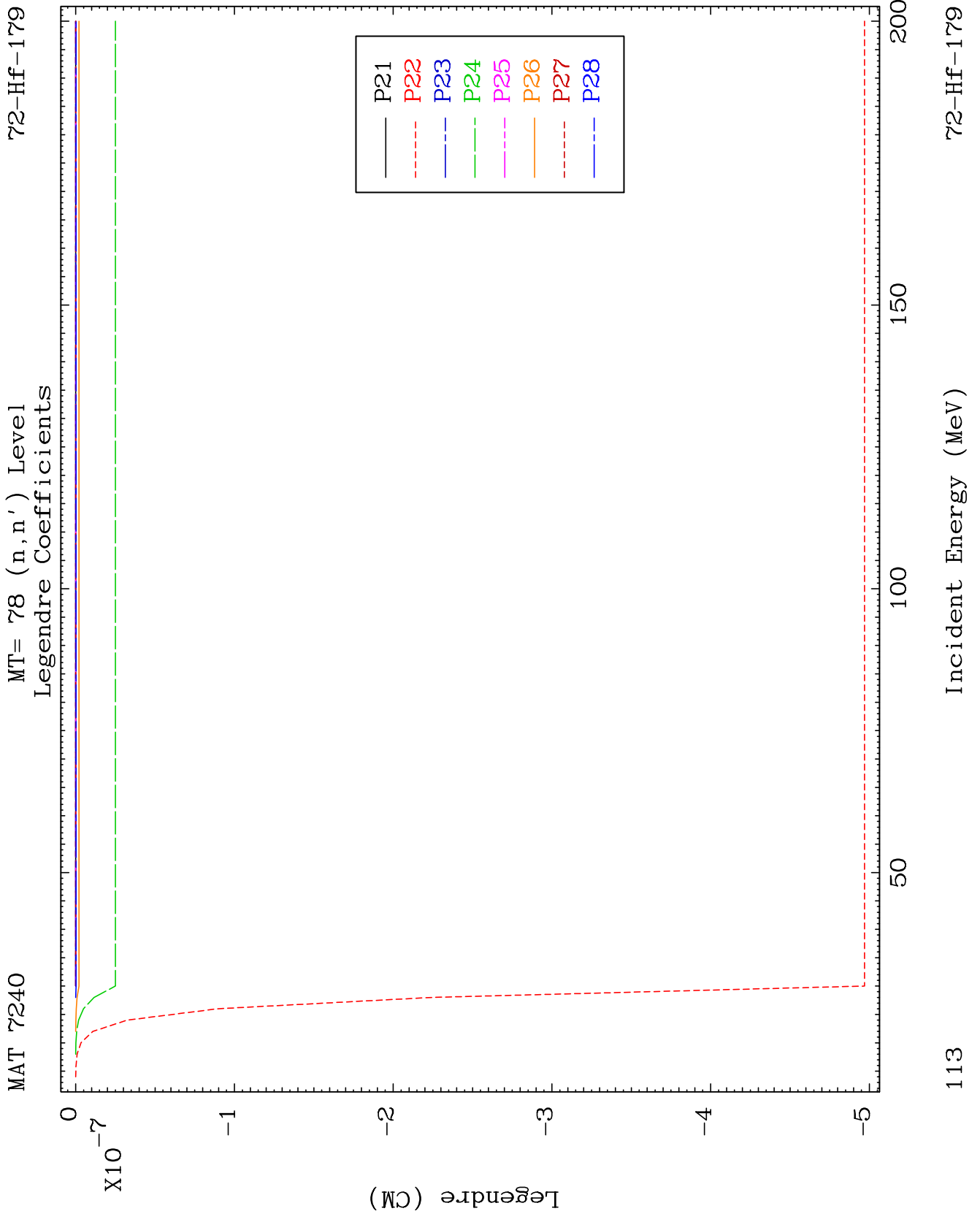
72-Hf-179



112

Incident Energy (MeV)

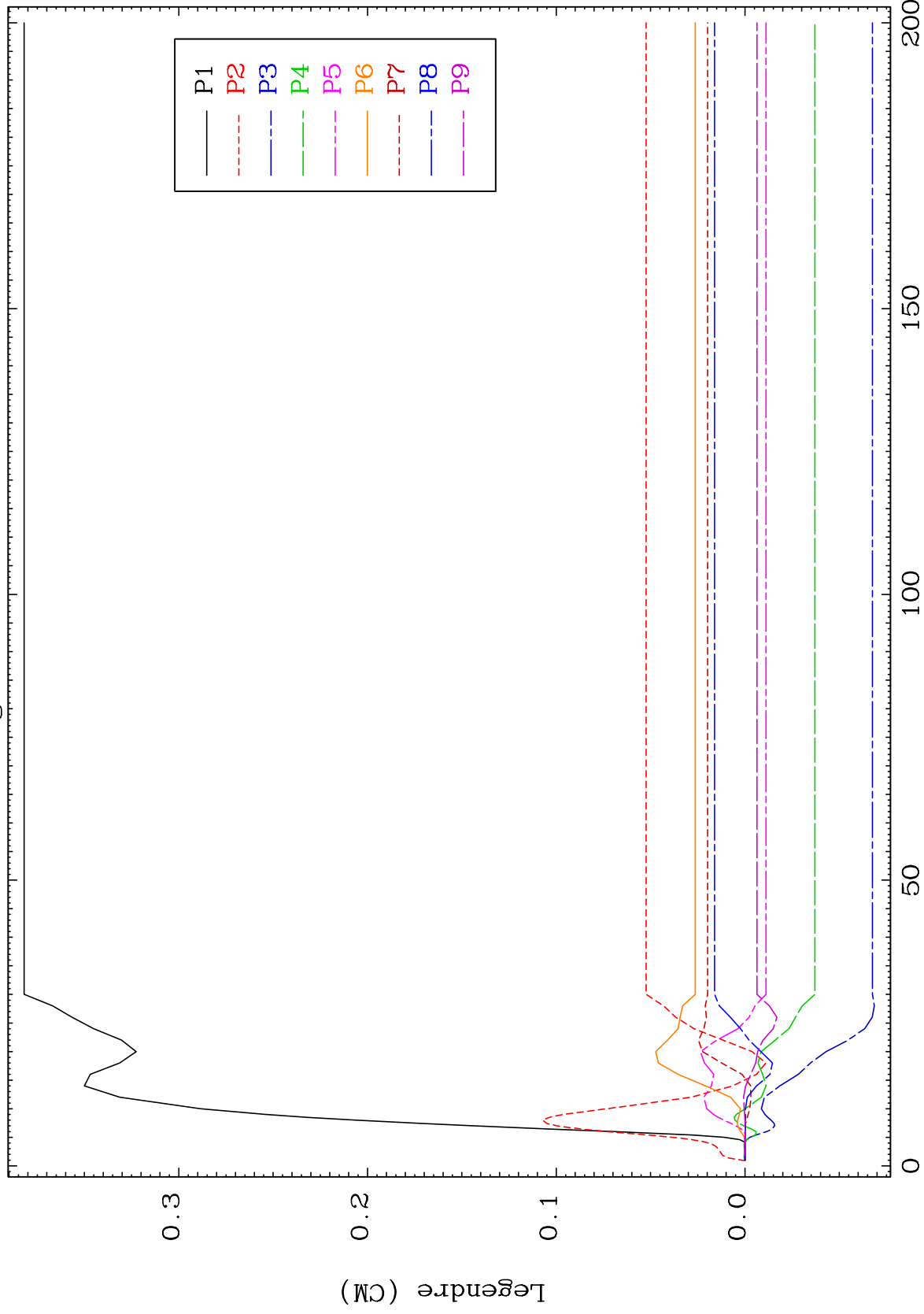
72-Hf-179



MAT 7240

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

72-Hf-179



114

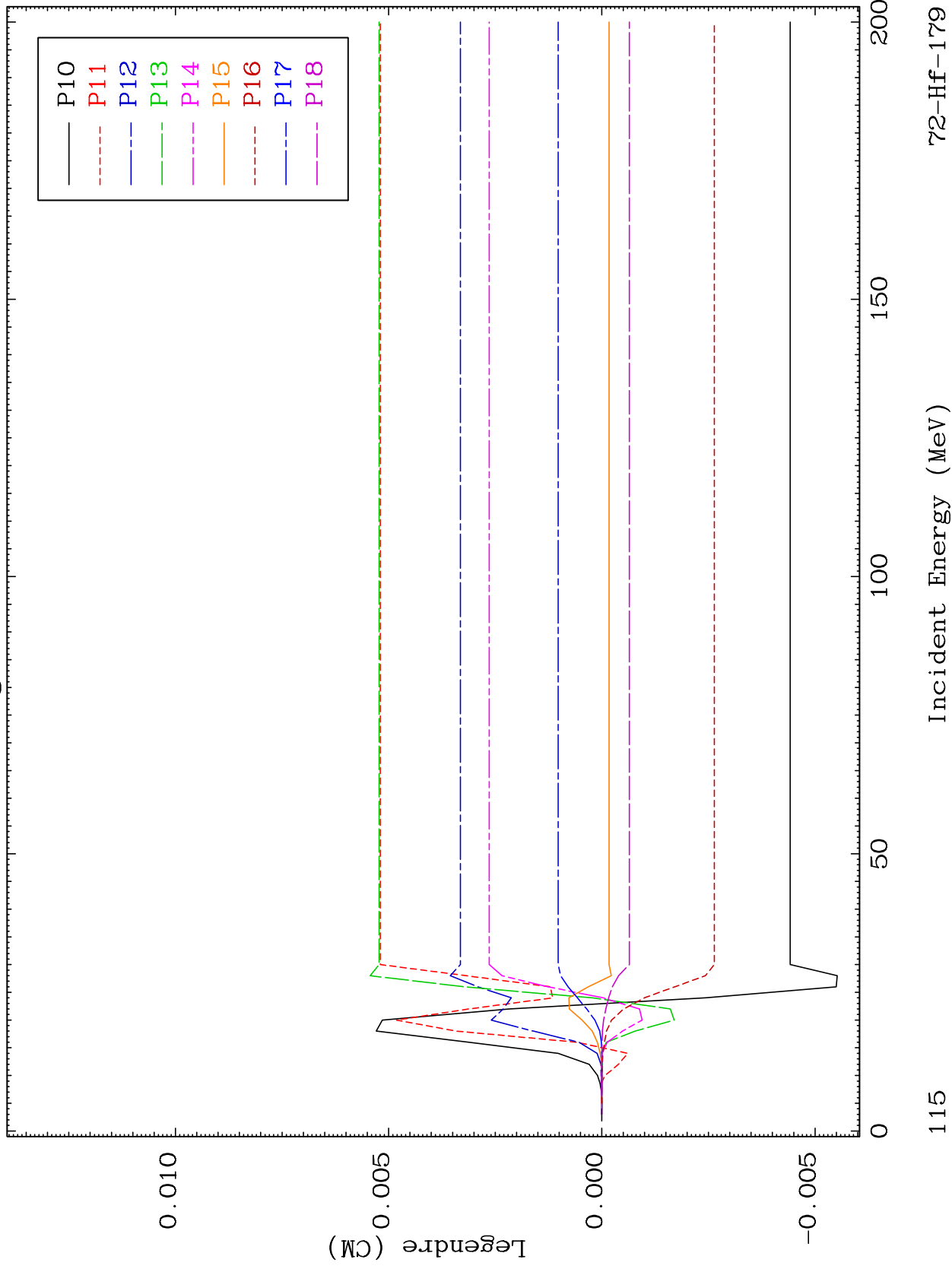
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

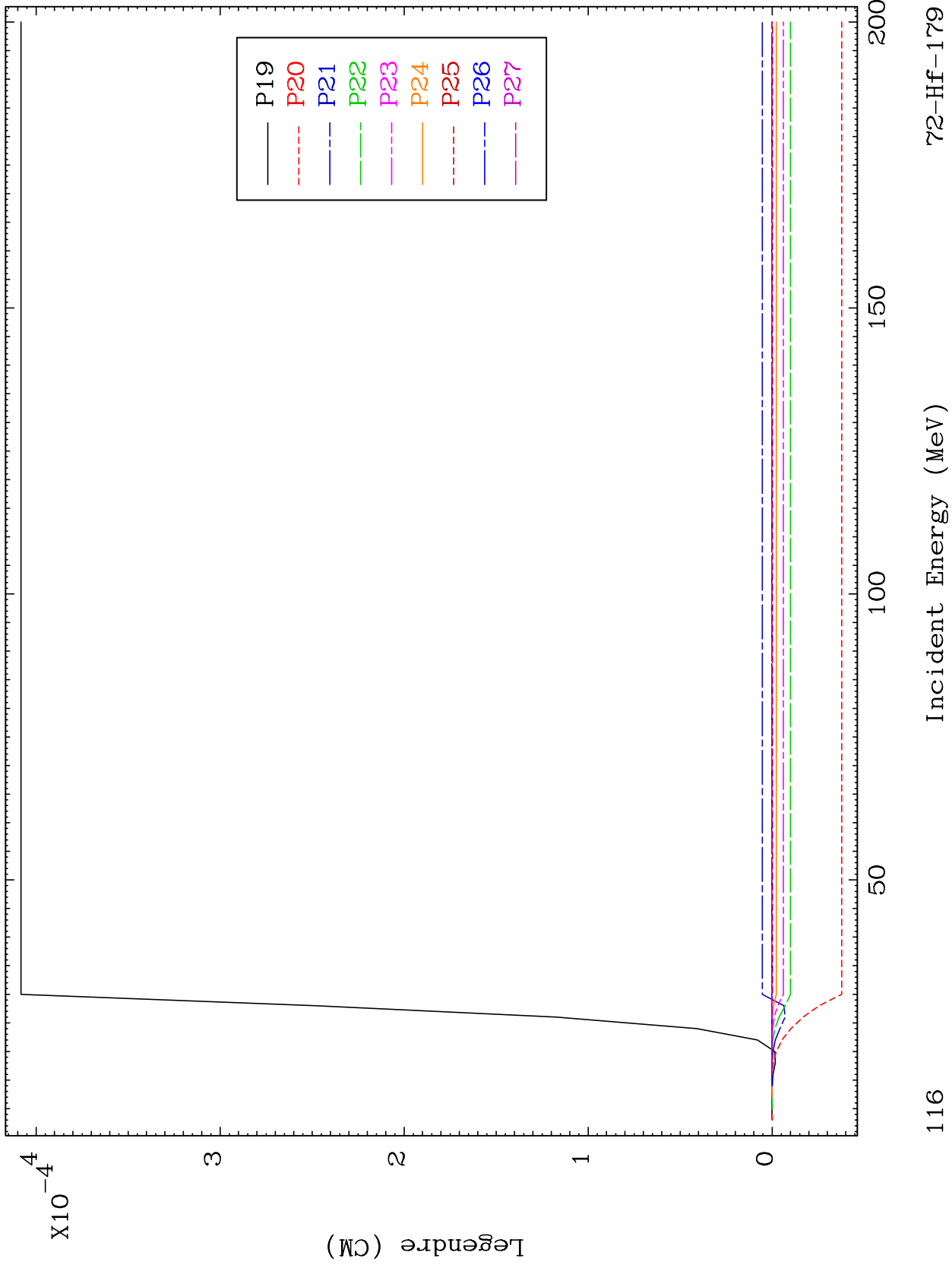
Incident Energy (MeV)

115

MAT 7240

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

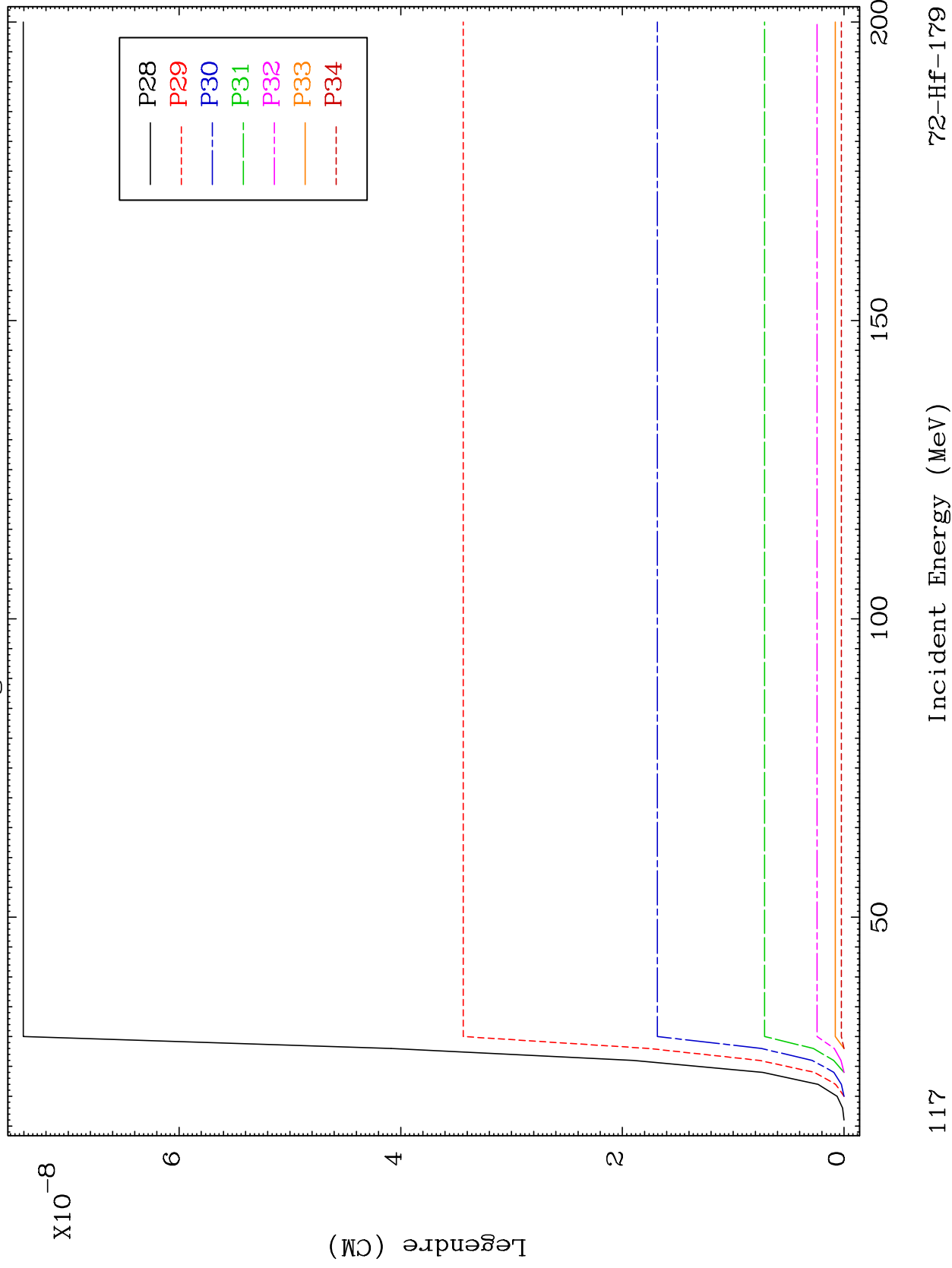
72-Hf-179



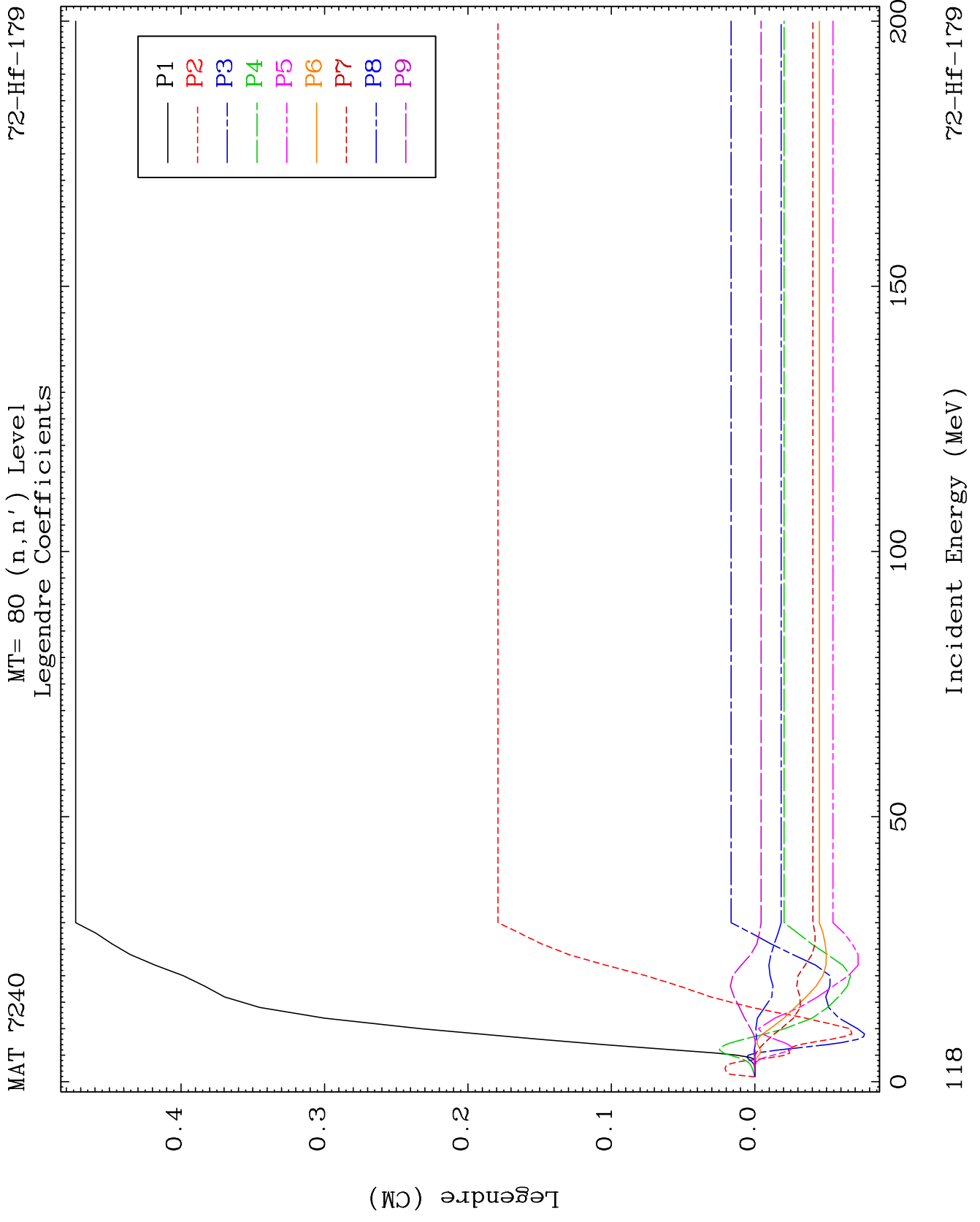
MAT 7240

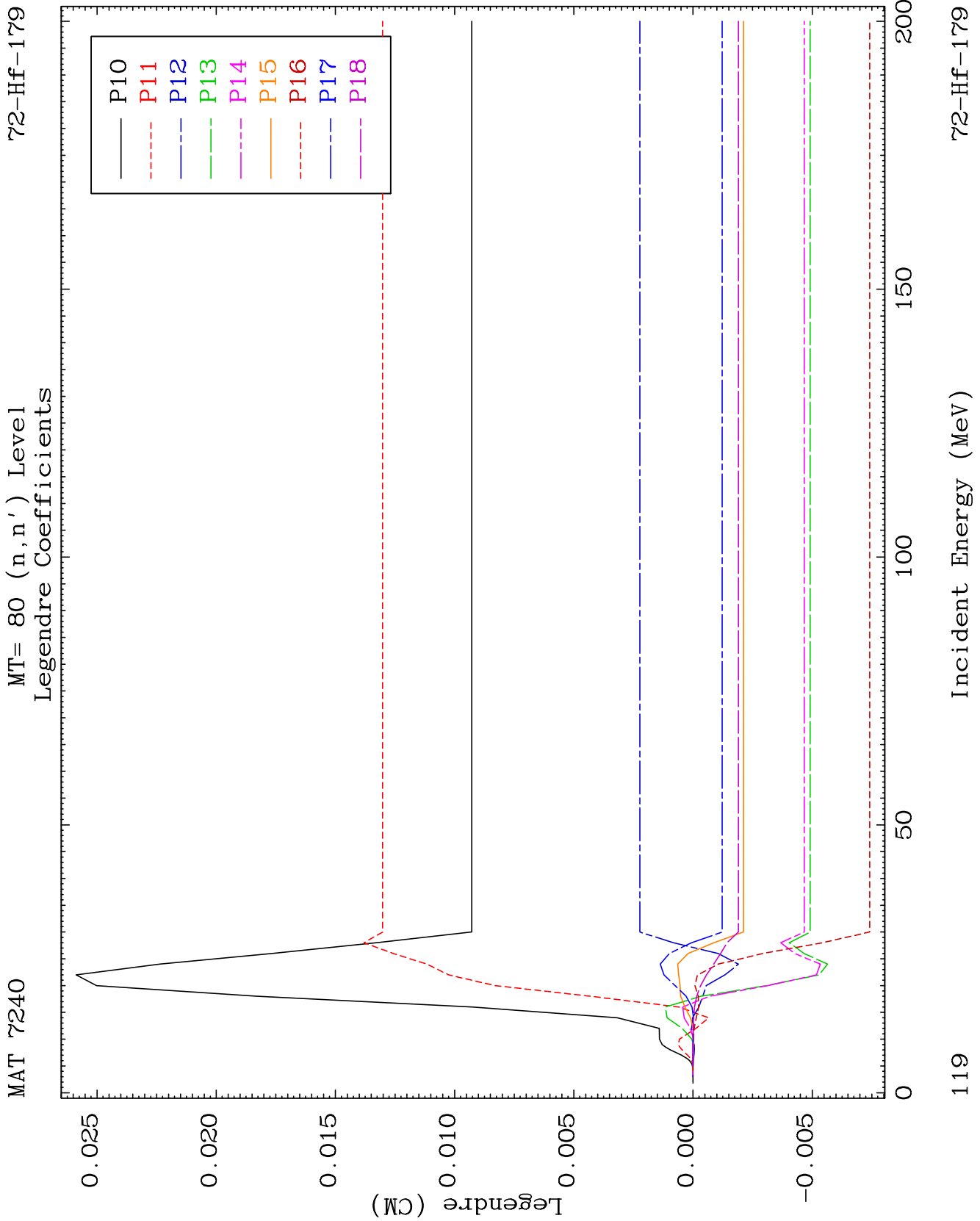
MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



117



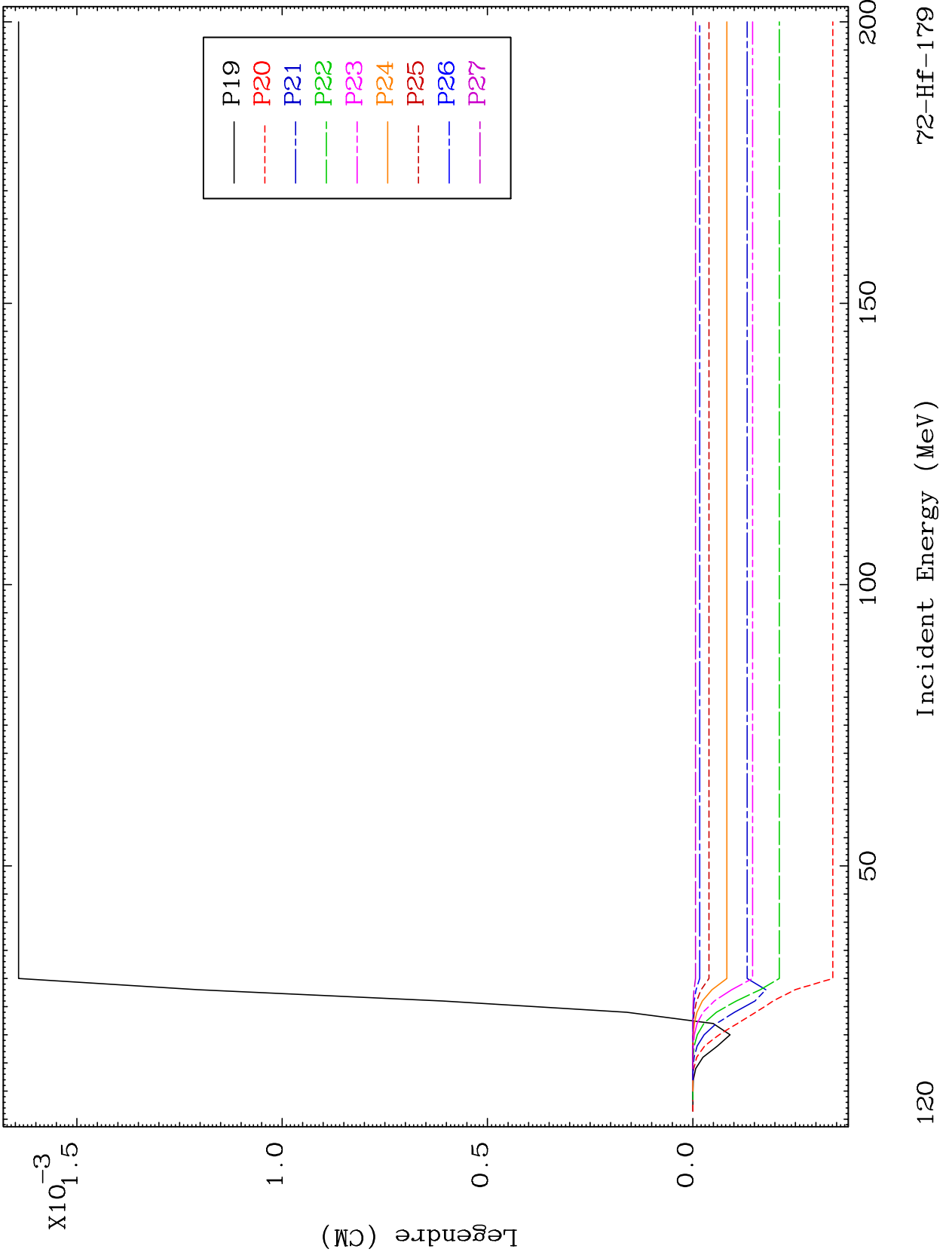




MAT 7240

MT= 80 (n,n') Level  
Legendre Coefficients

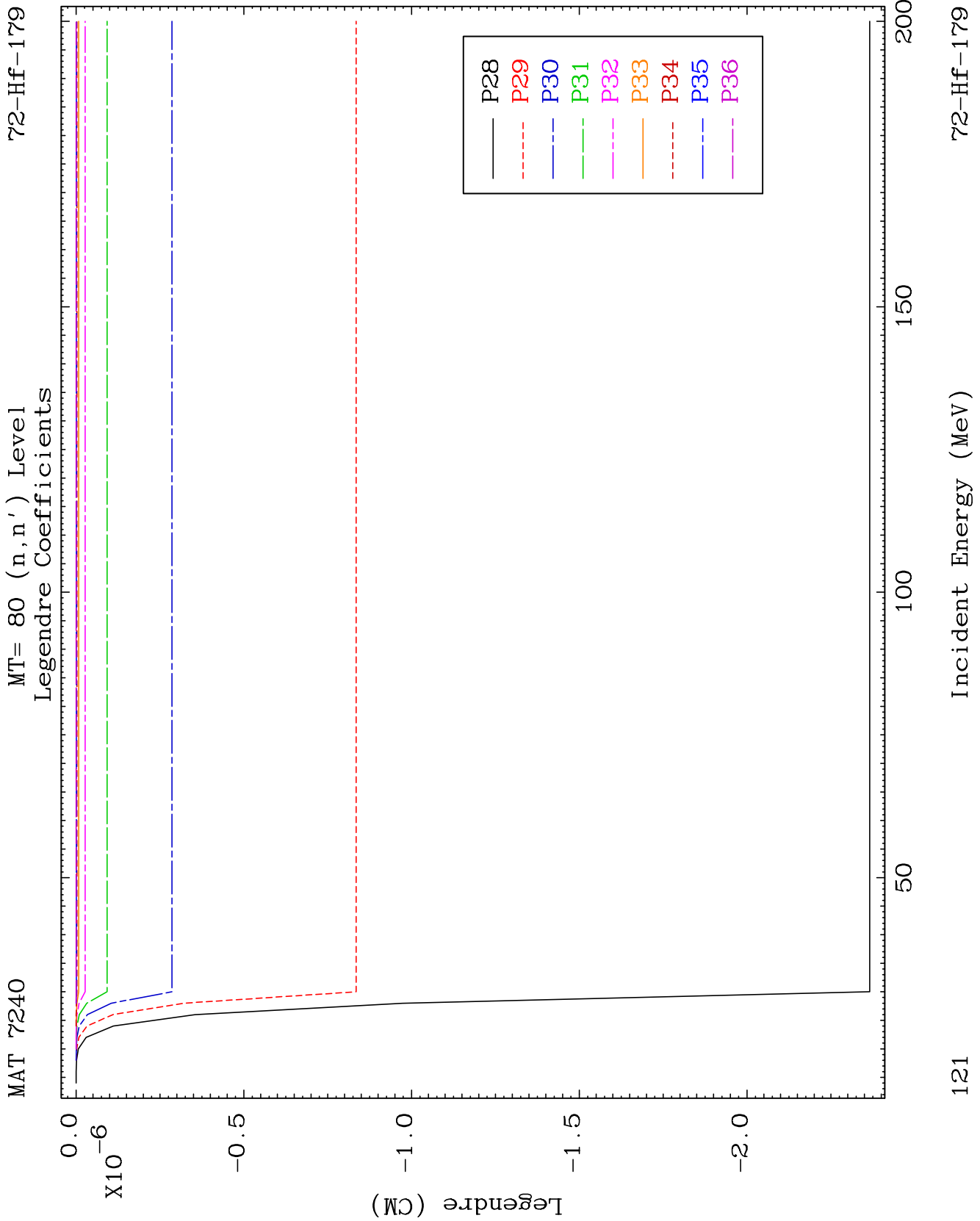
72-Hf-179



120

Incident Energy (MeV)

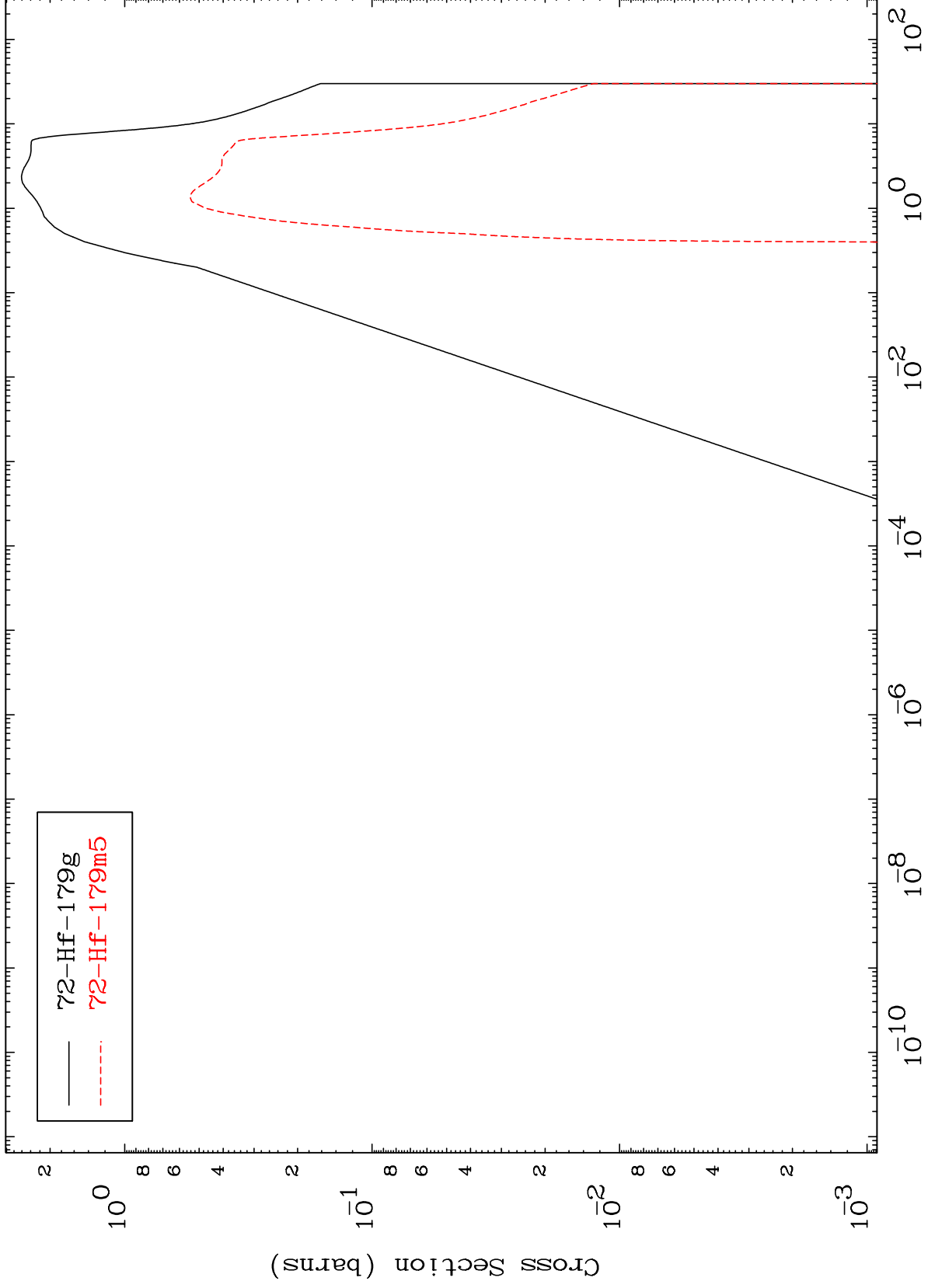
72-Hf-179



MAT 7240

Inelastic  
Radionuclide Production Cross Section

72-Hf-179



— 72-Hf-179g  
- - - 72-Hf-179m5

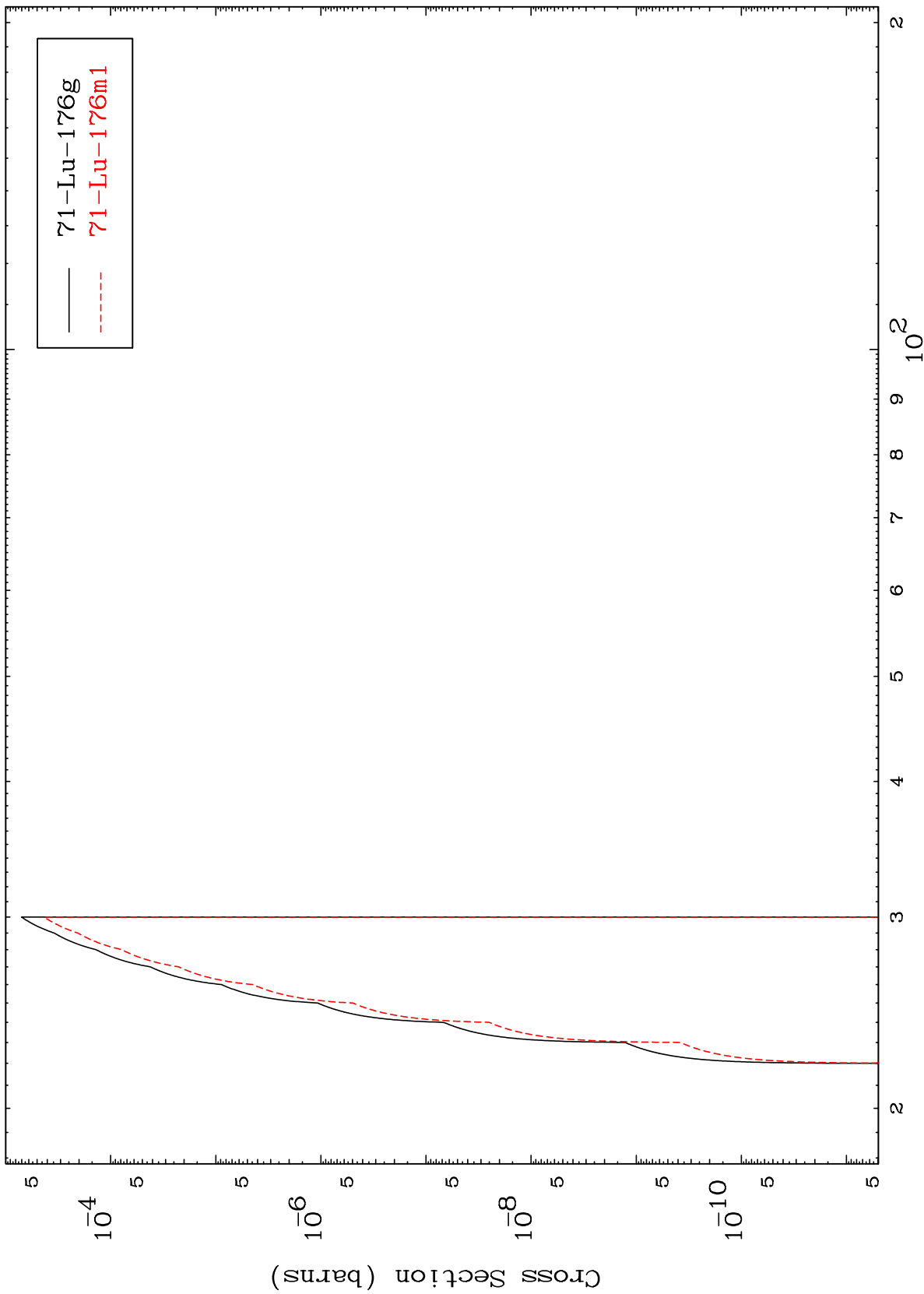
72-Hf-179

MAT 7240

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



123

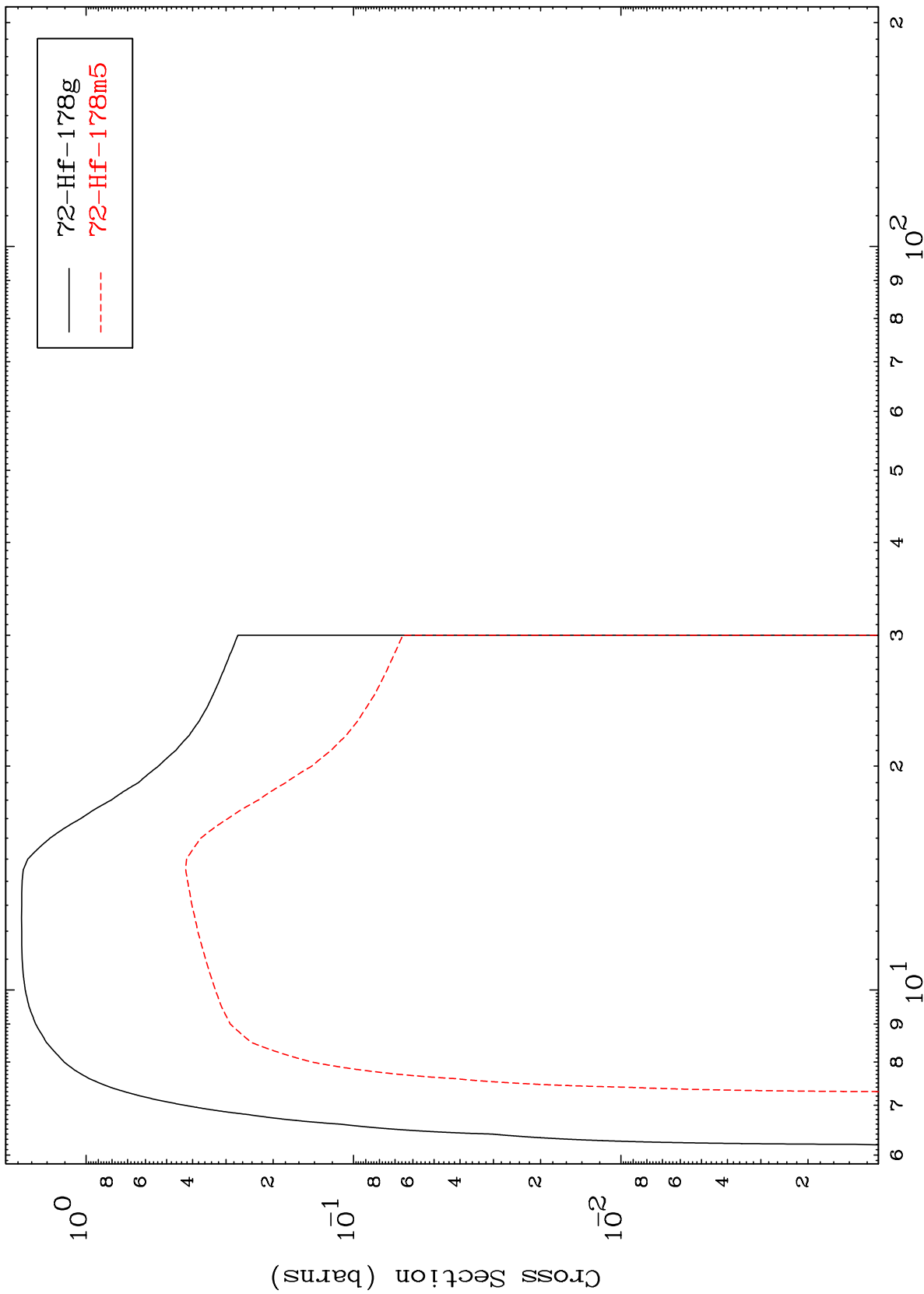
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

(n,2n)  
Radionuclide Production Cross Section



124

Incident Energy (MeV)

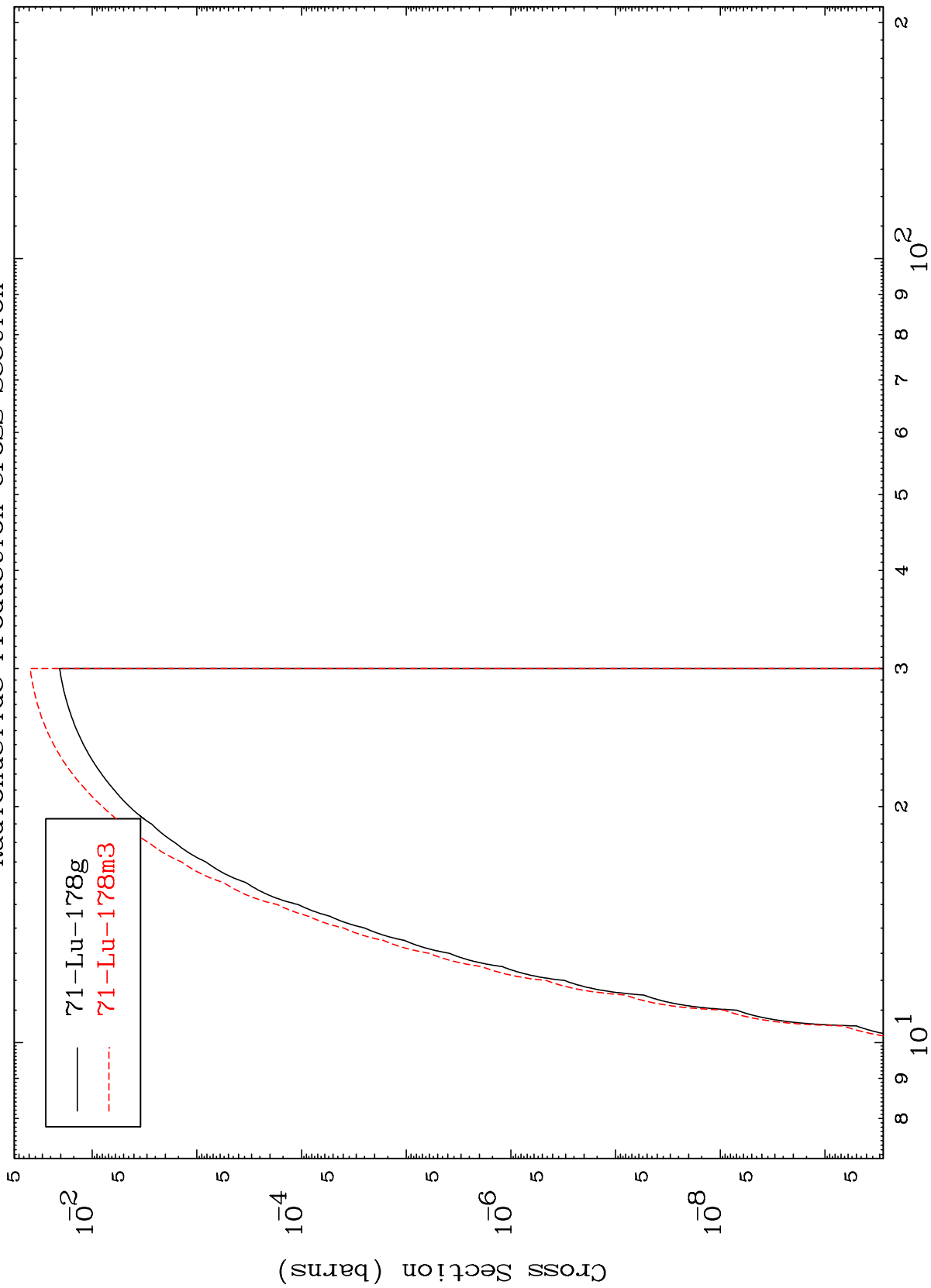
72-Hf-179

MAT 7240

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



125

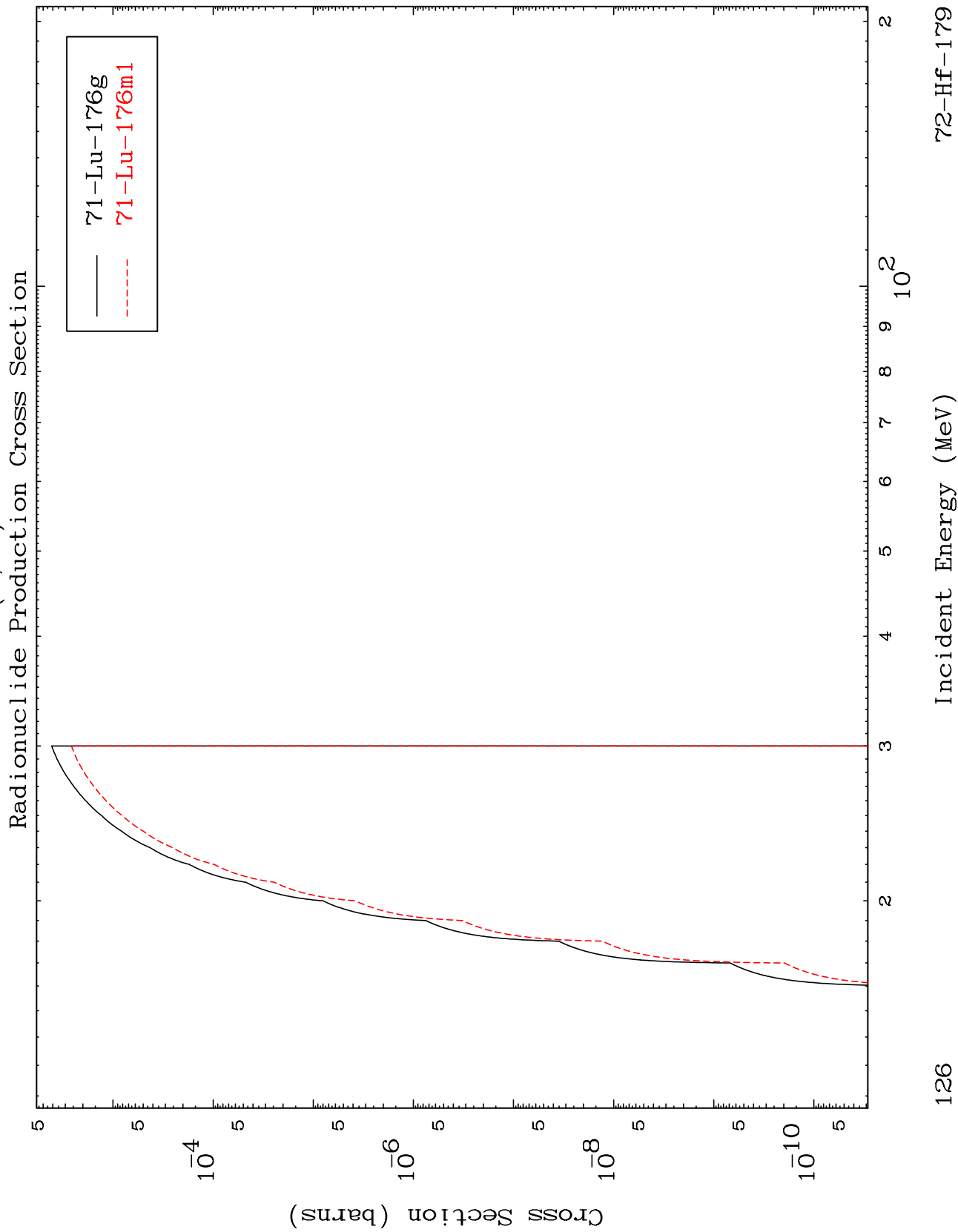
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,n') t

72-Hf-179



126

Incident Energy (MeV)

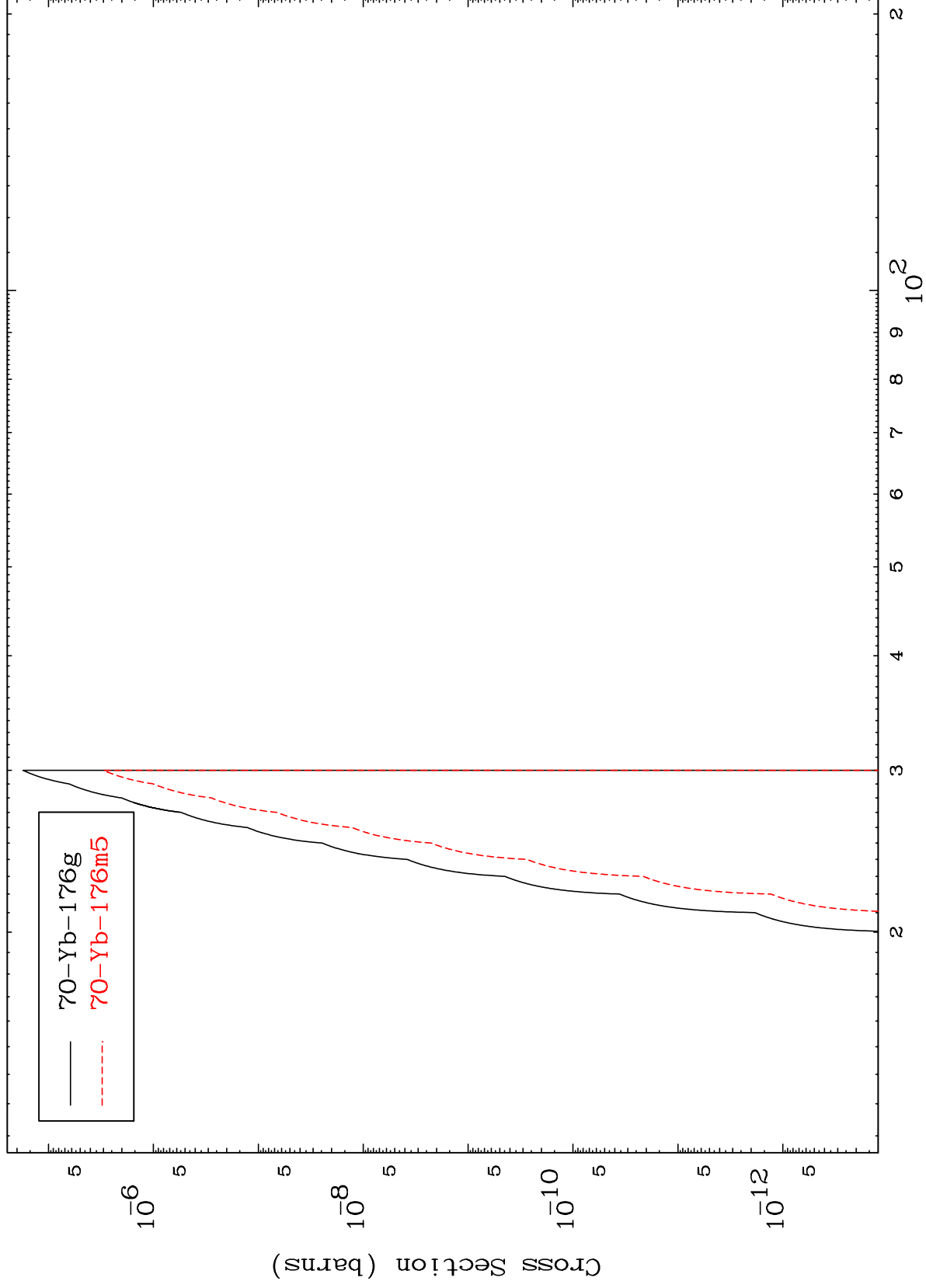
72-Hf-179

MAT 7240

(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section



127

Incident Energy (MeV)

72-Hf-179

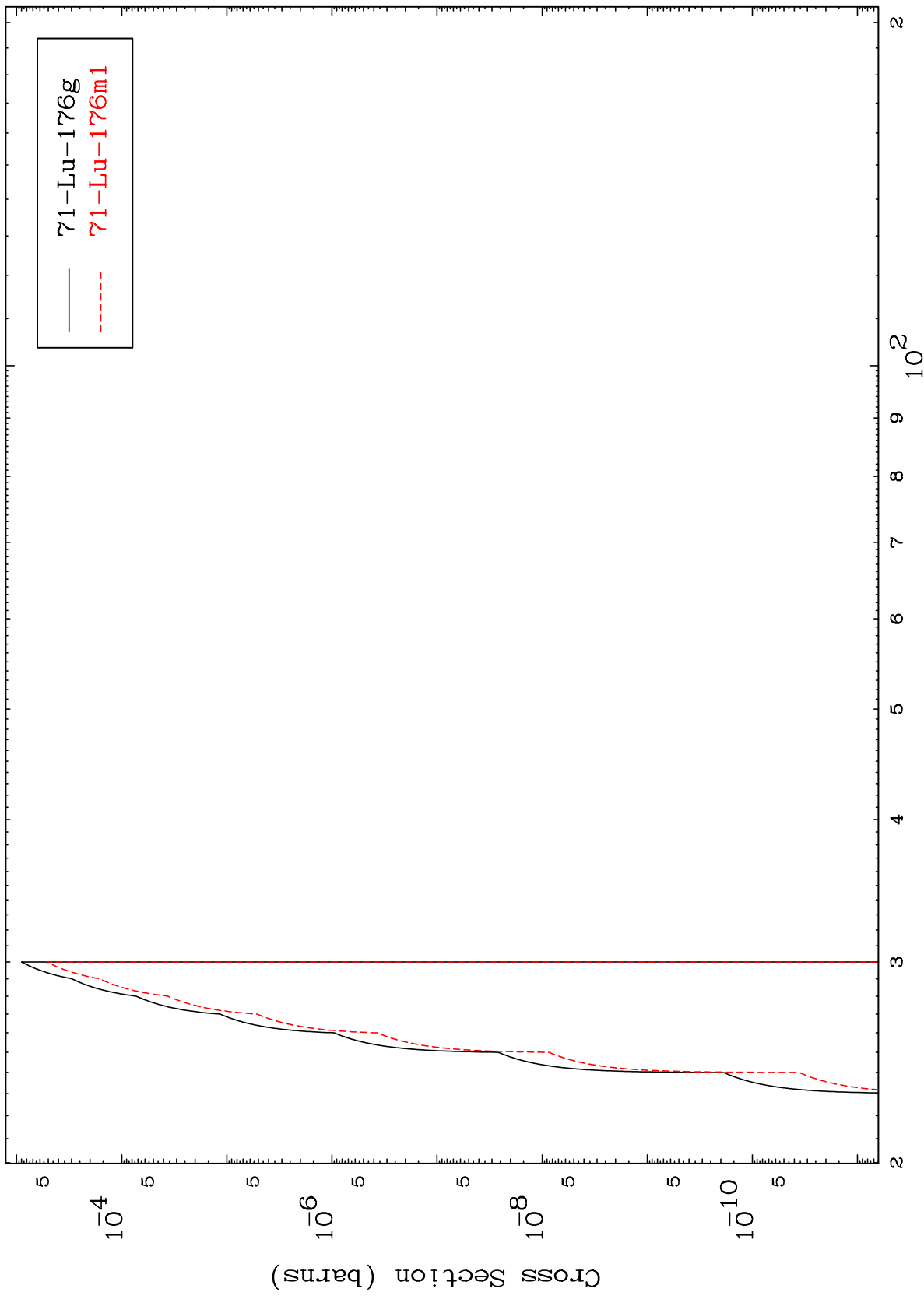


MAT 7240

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



128

Incident Energy (MeV)

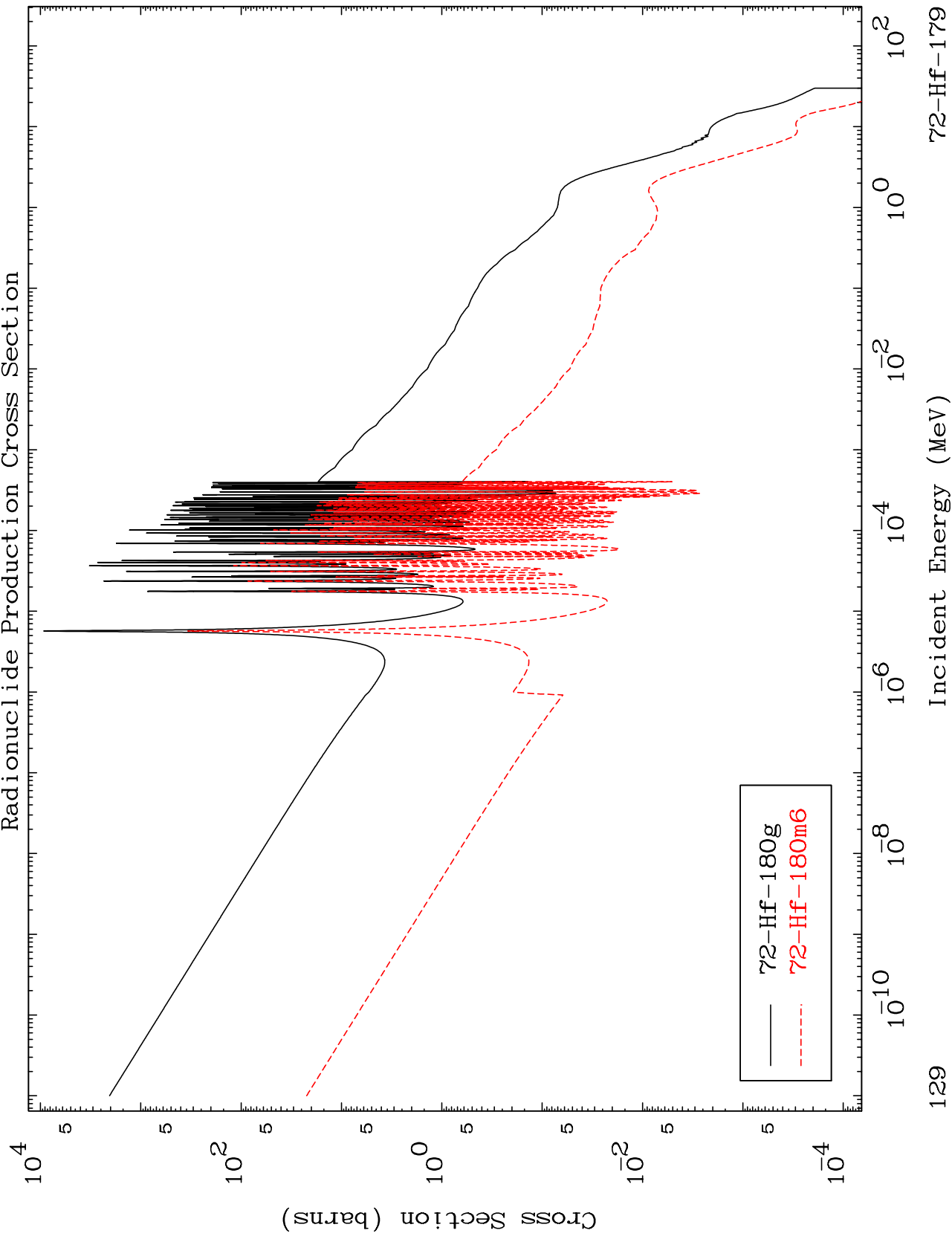
72-Hf-179

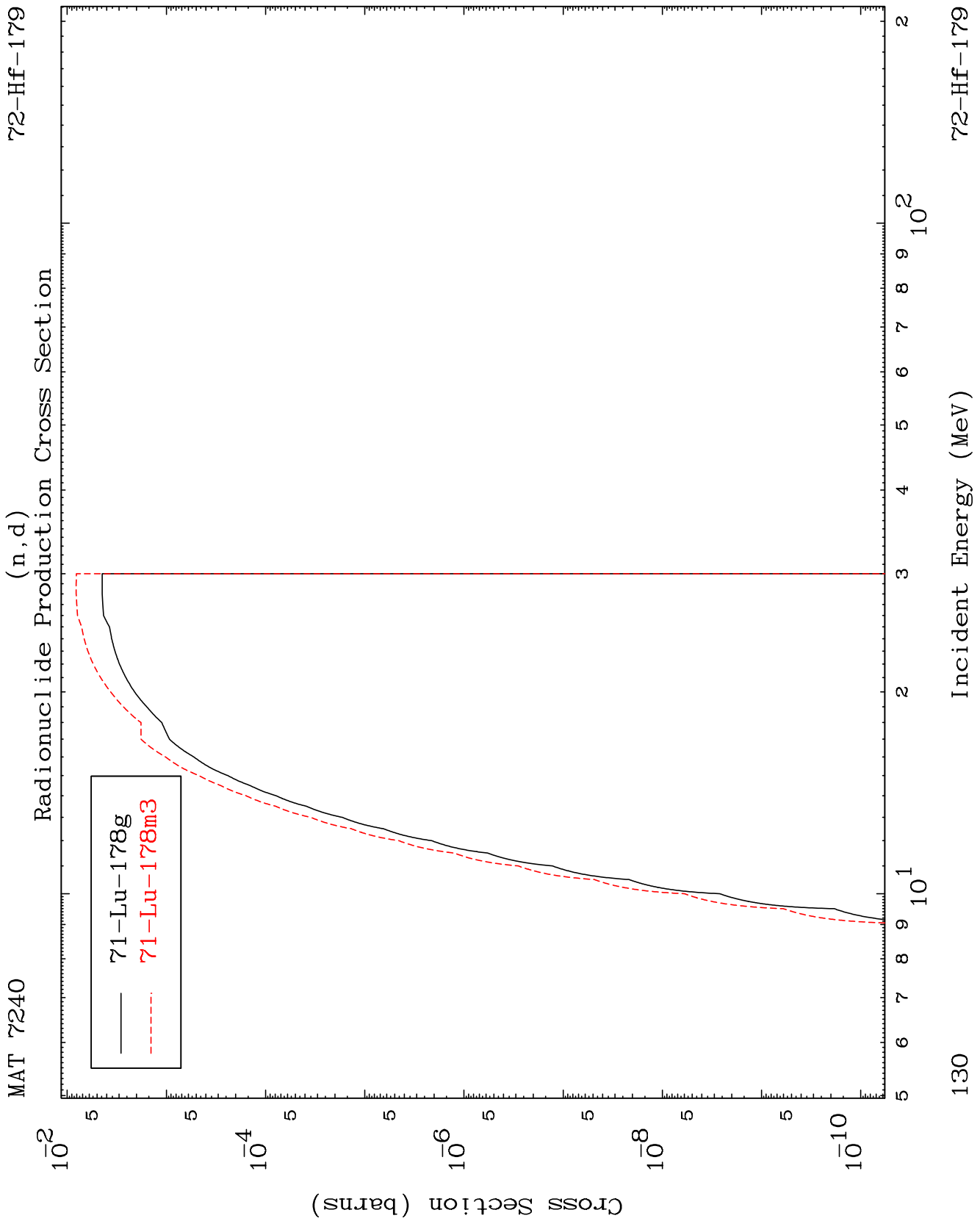
MAT 7240

72-Hf-179

Radionuclide Production Cross Section

(n,  $\gamma$ )



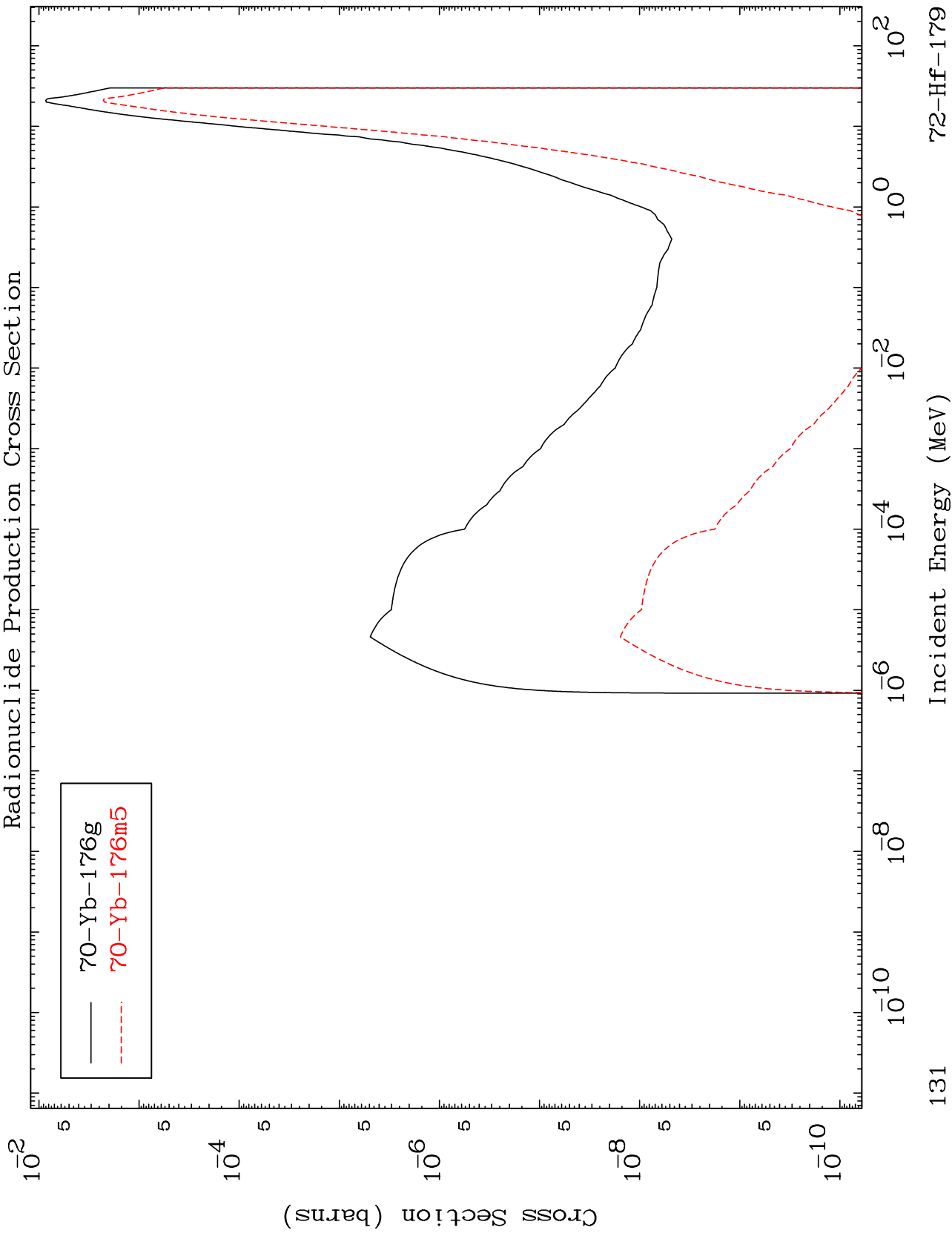


MAT 7240

(n,  $\alpha$ )

72-Hf-179

Radionuclide Production Cross Section

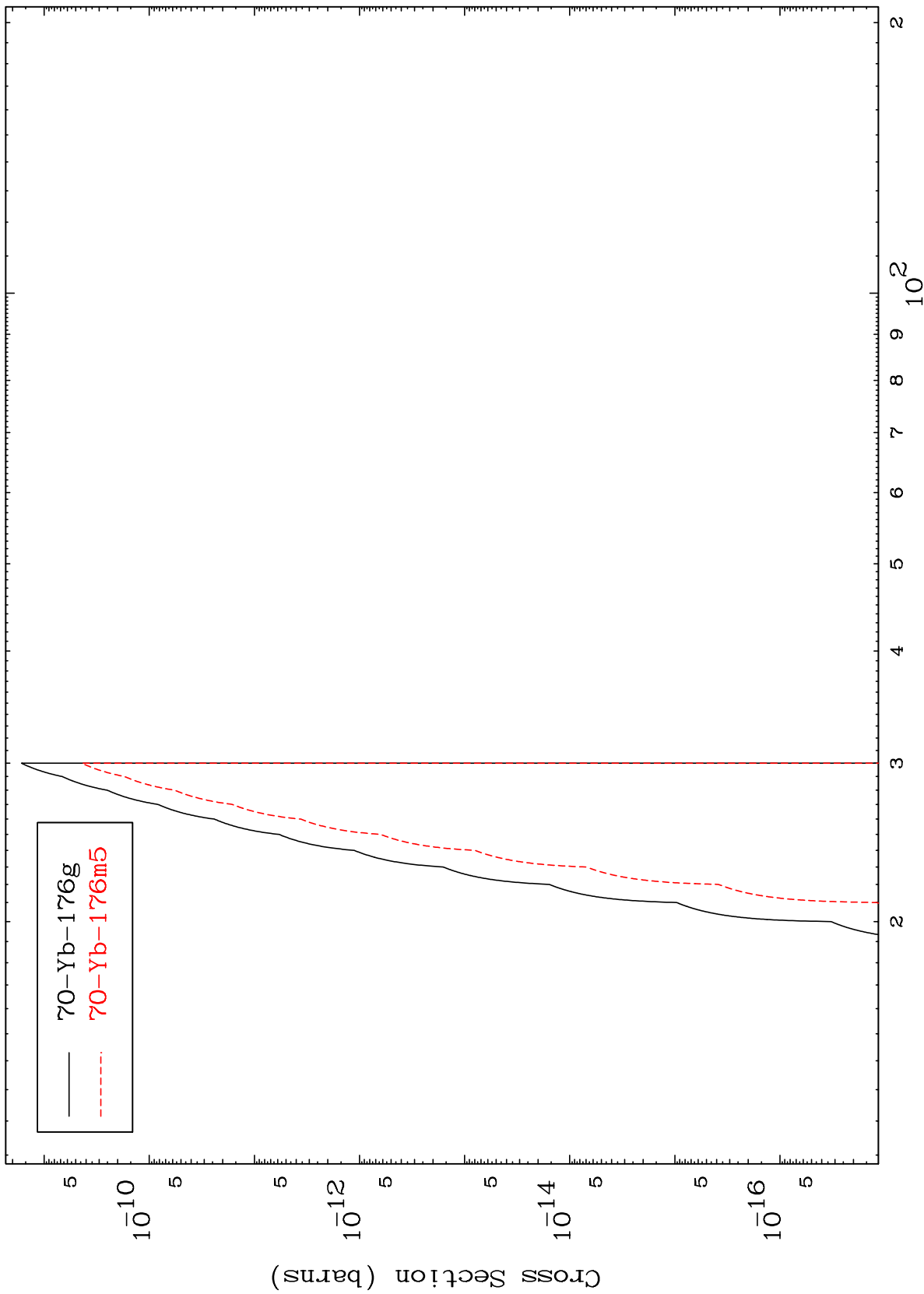


MAT 7240

(n,p) t

72-Hf-179

Radionuclide Production Cross Section



132

Incident Energy (MeV)

72-Hf-179