

Program EVALPLOT
(Version 2015-2)

by

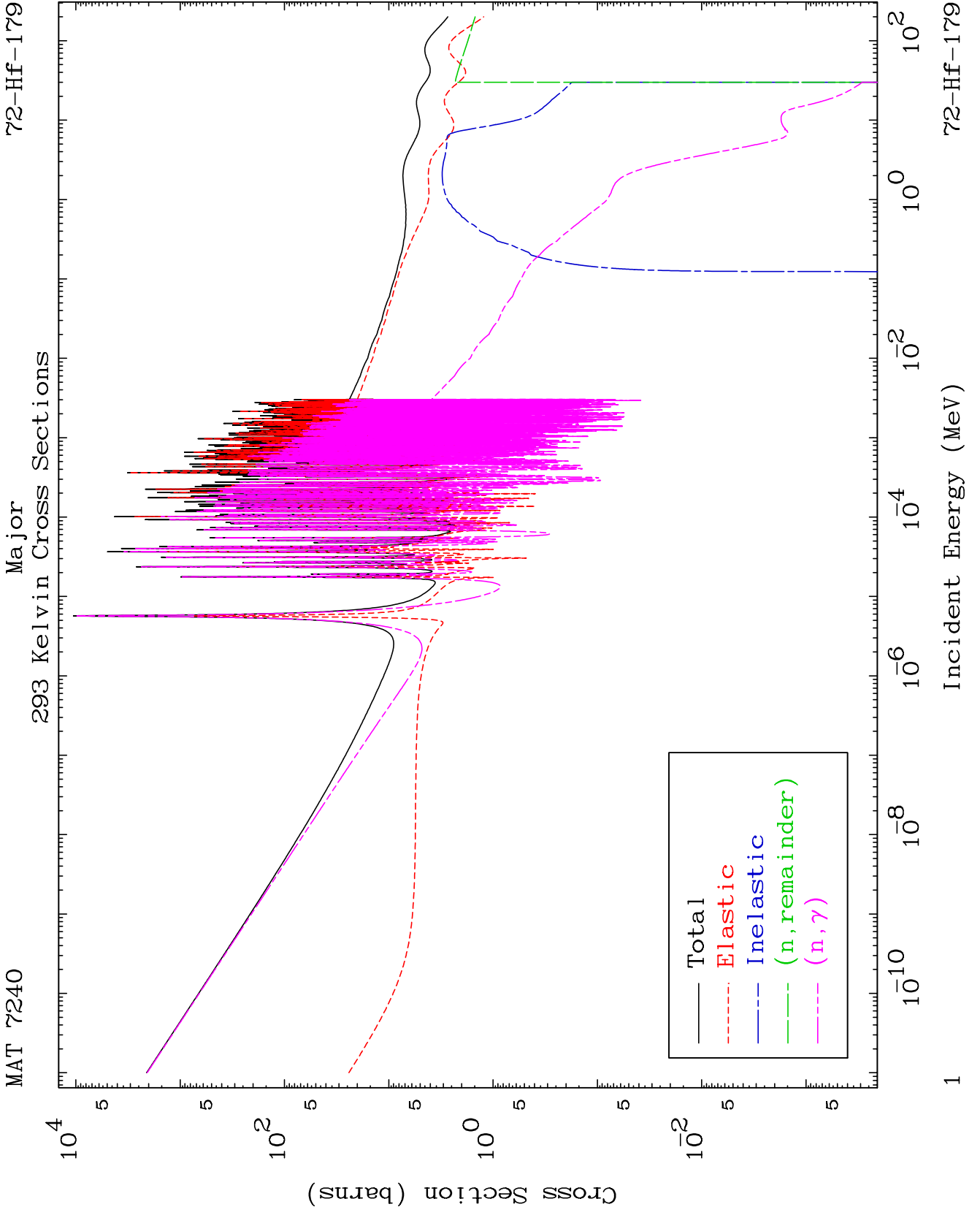
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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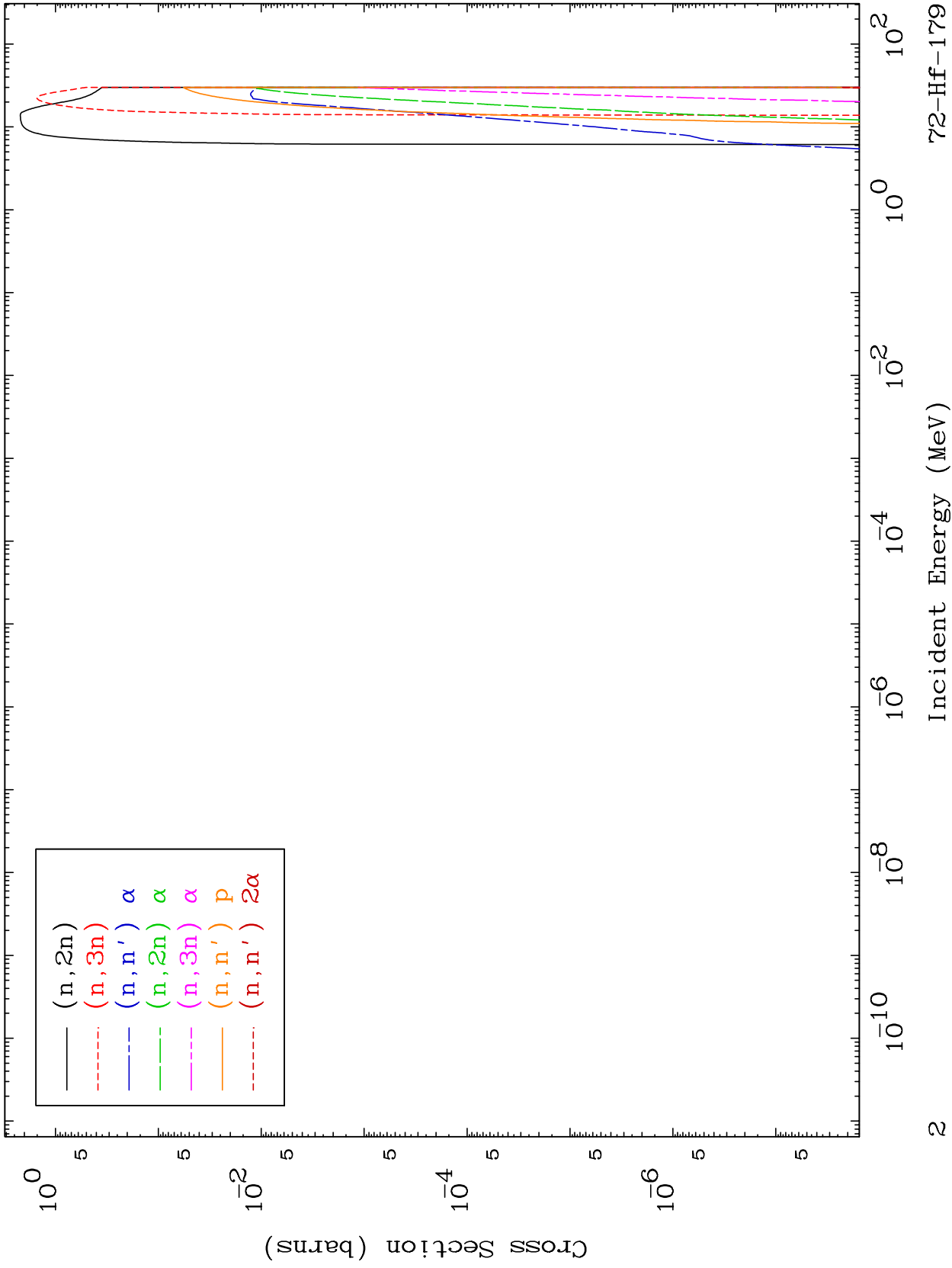
Press Mouse Button to Start

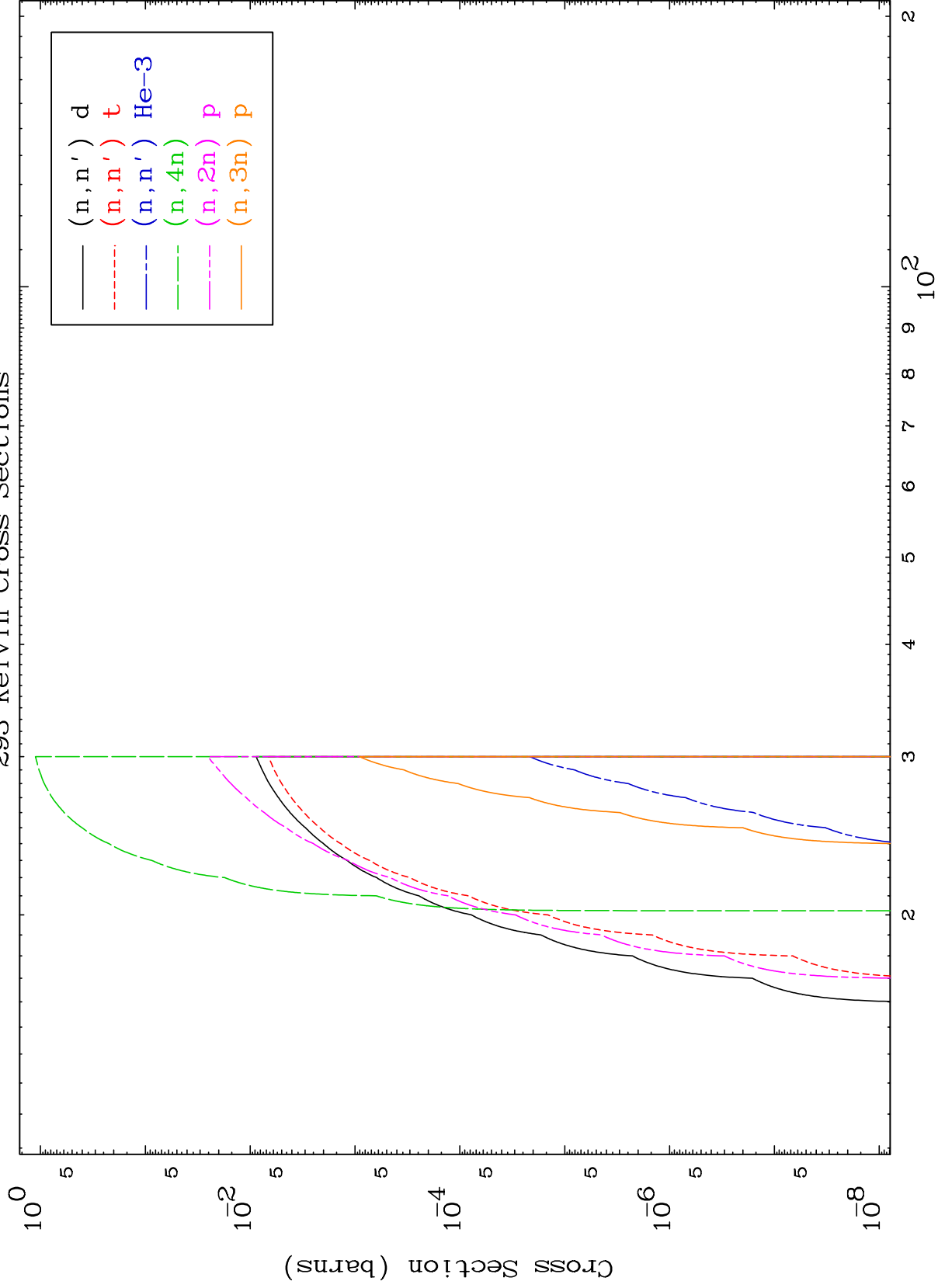


MAT 7240

Neutron Production
293 Kelvin Cross Sections

72-Hf-179

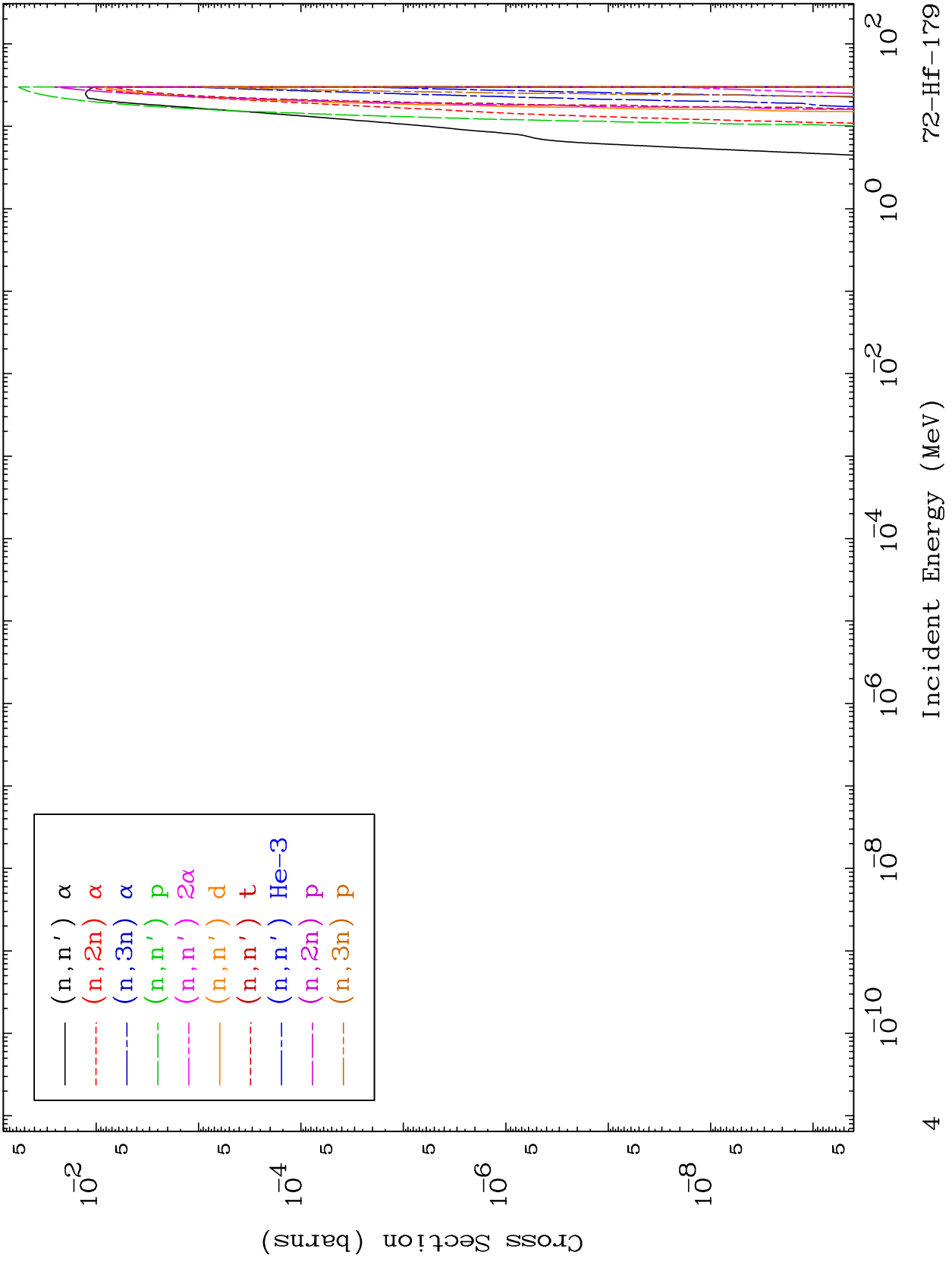




MAT 7240

Charged Particle
293 Kelvin Cross Sections

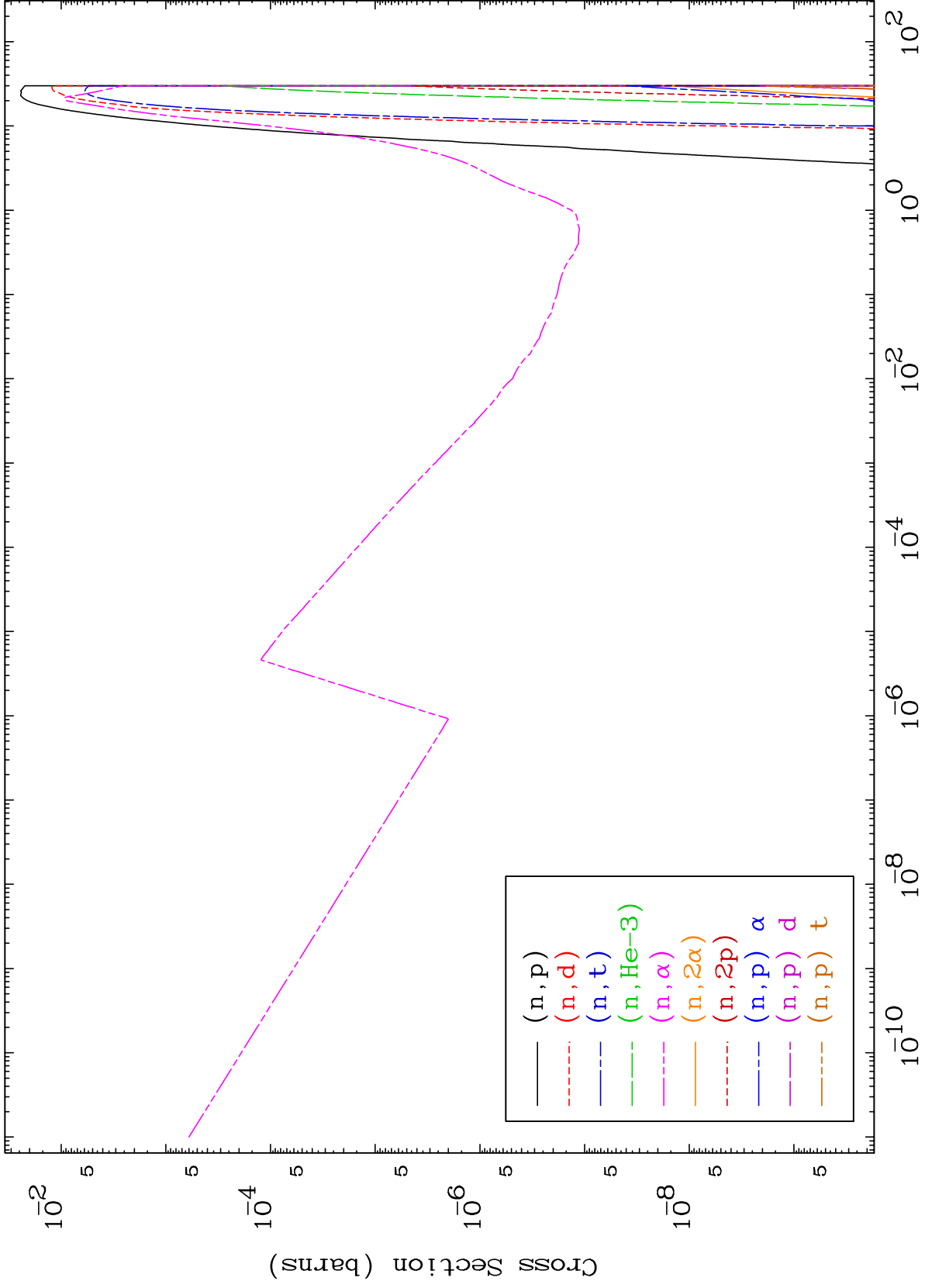
72-Hf-179

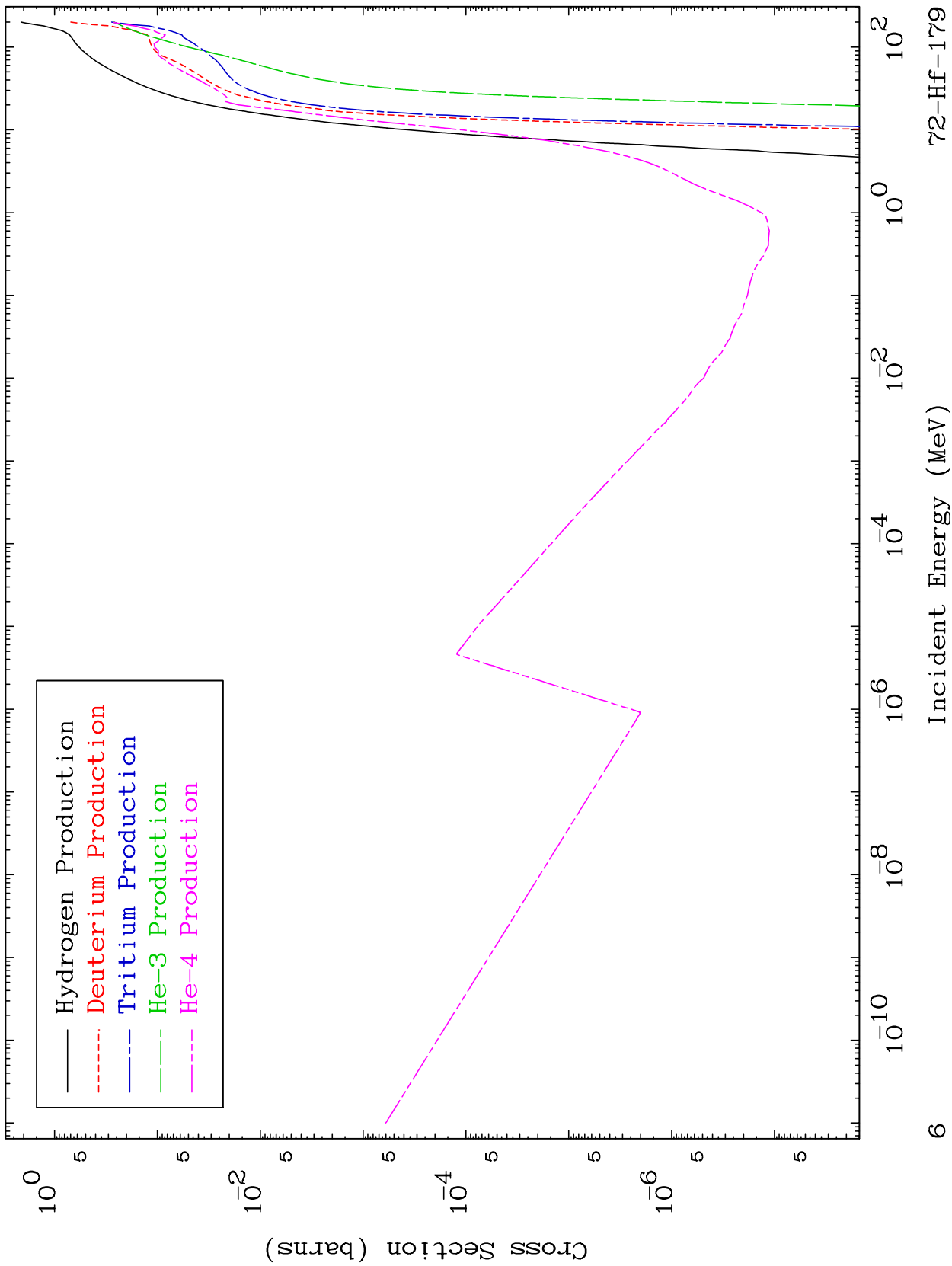


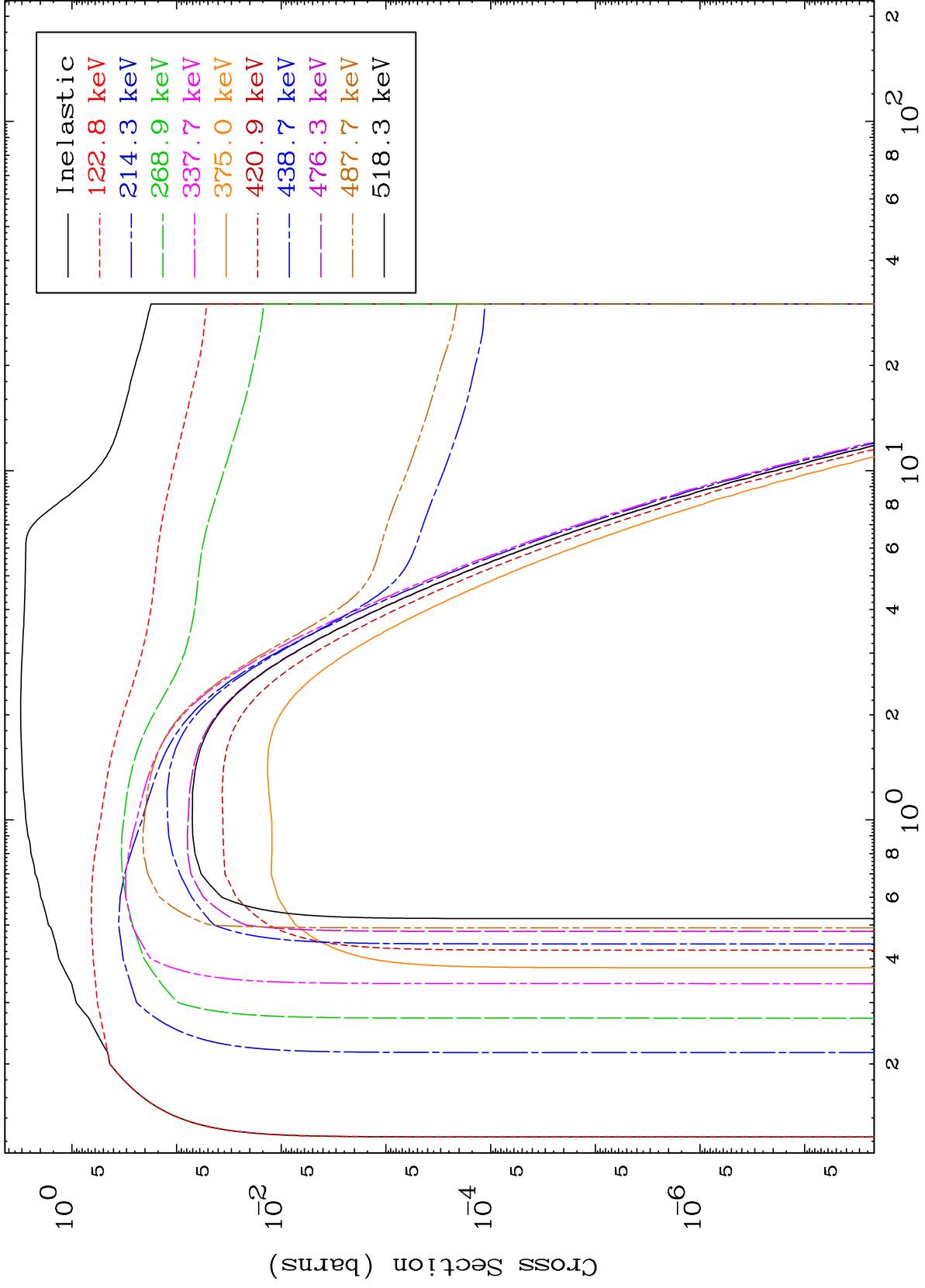
MAT 7240

Charged Particle
293 Kelvin Cross Sections

72-Hf-179





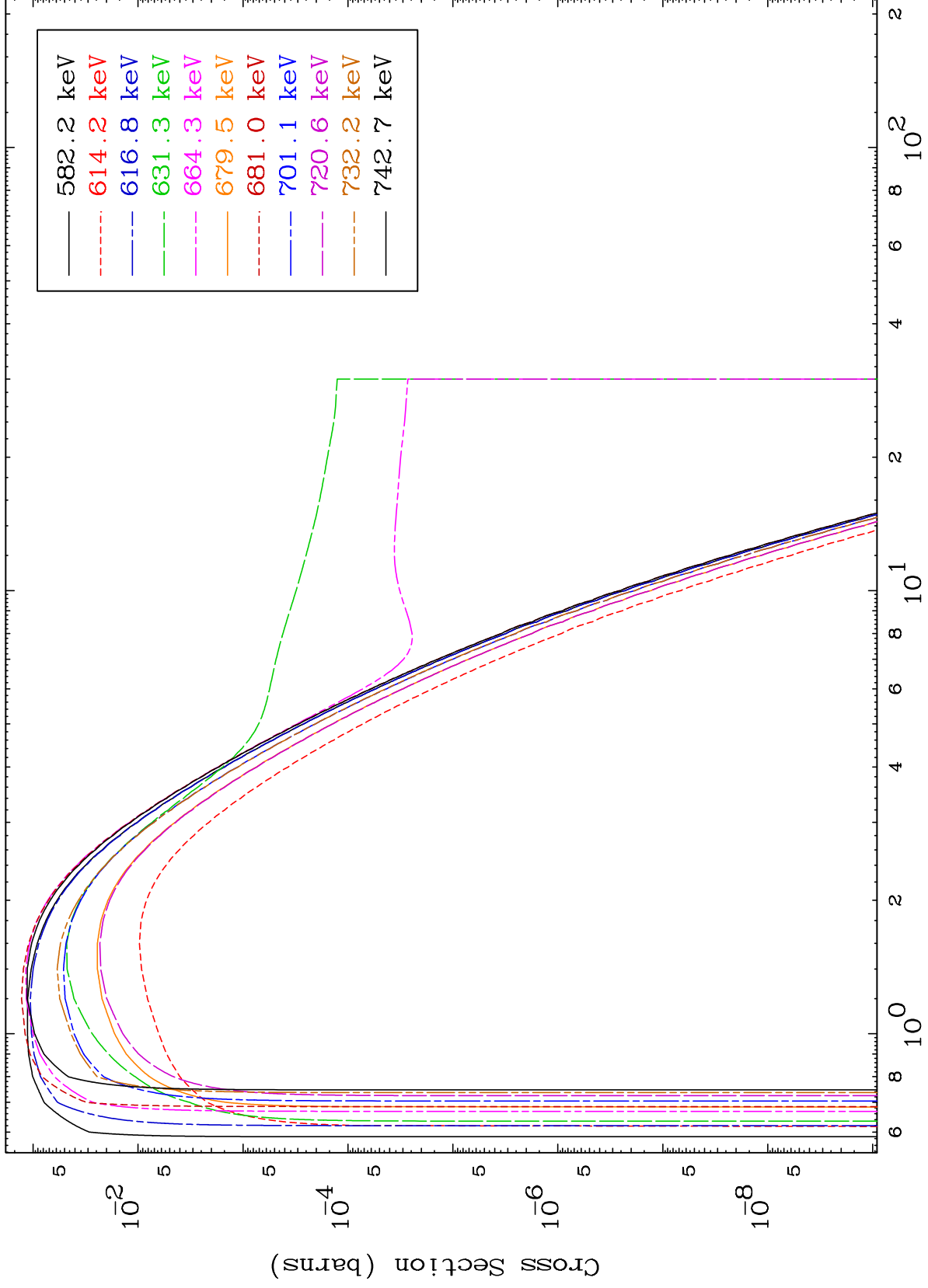


MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



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Incident Energy (MeV)

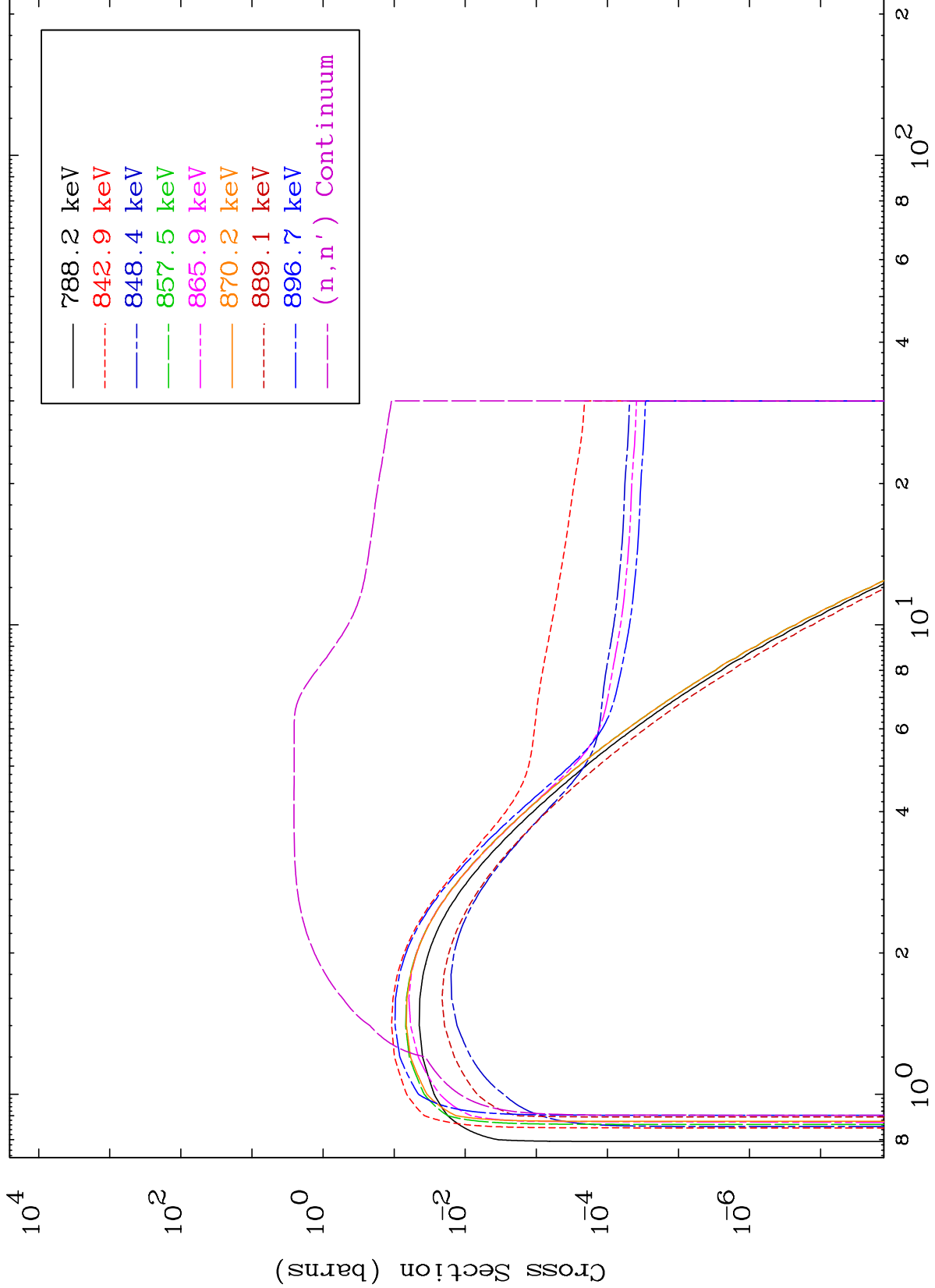
72-Hf-179

MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



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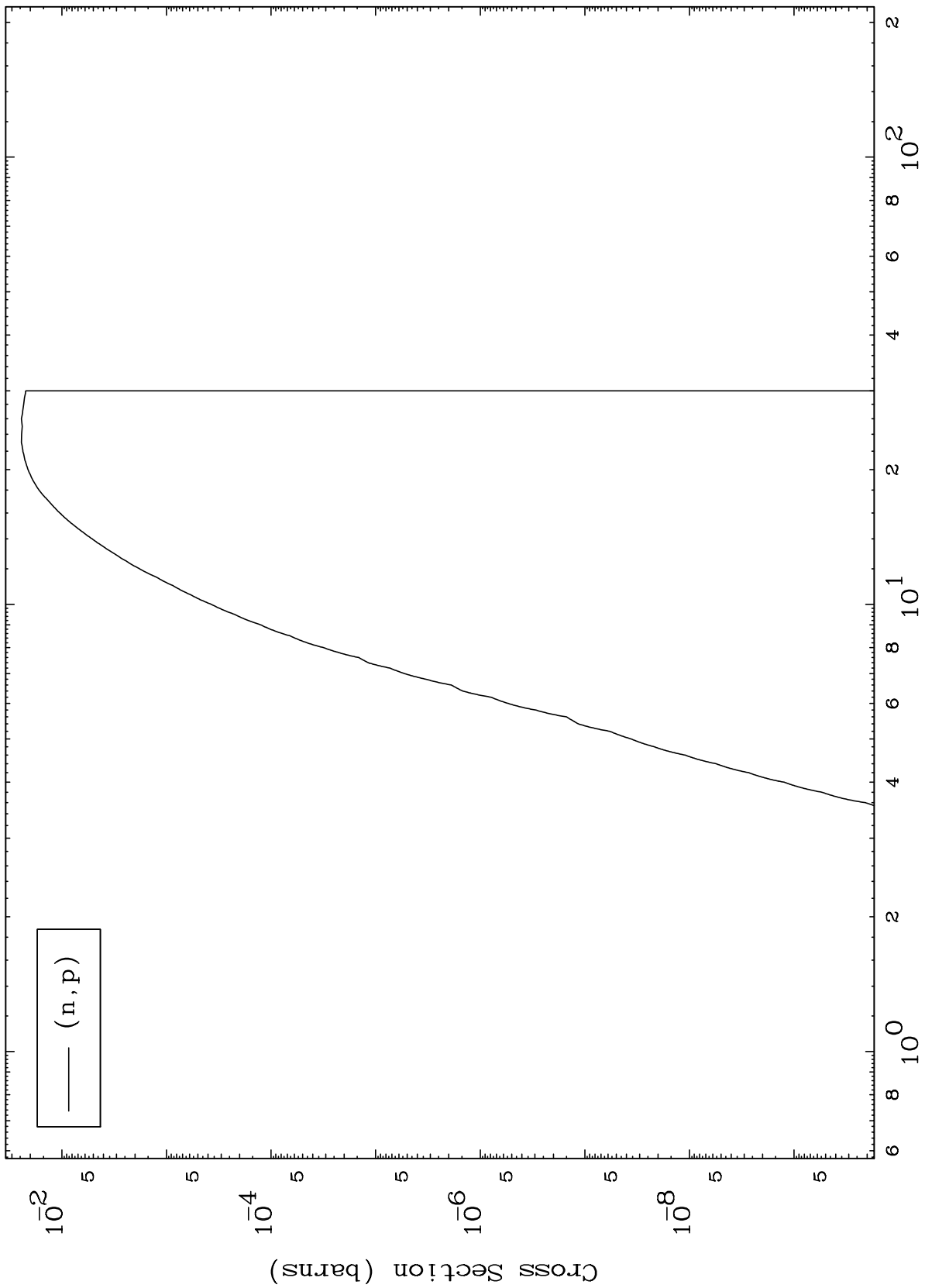
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



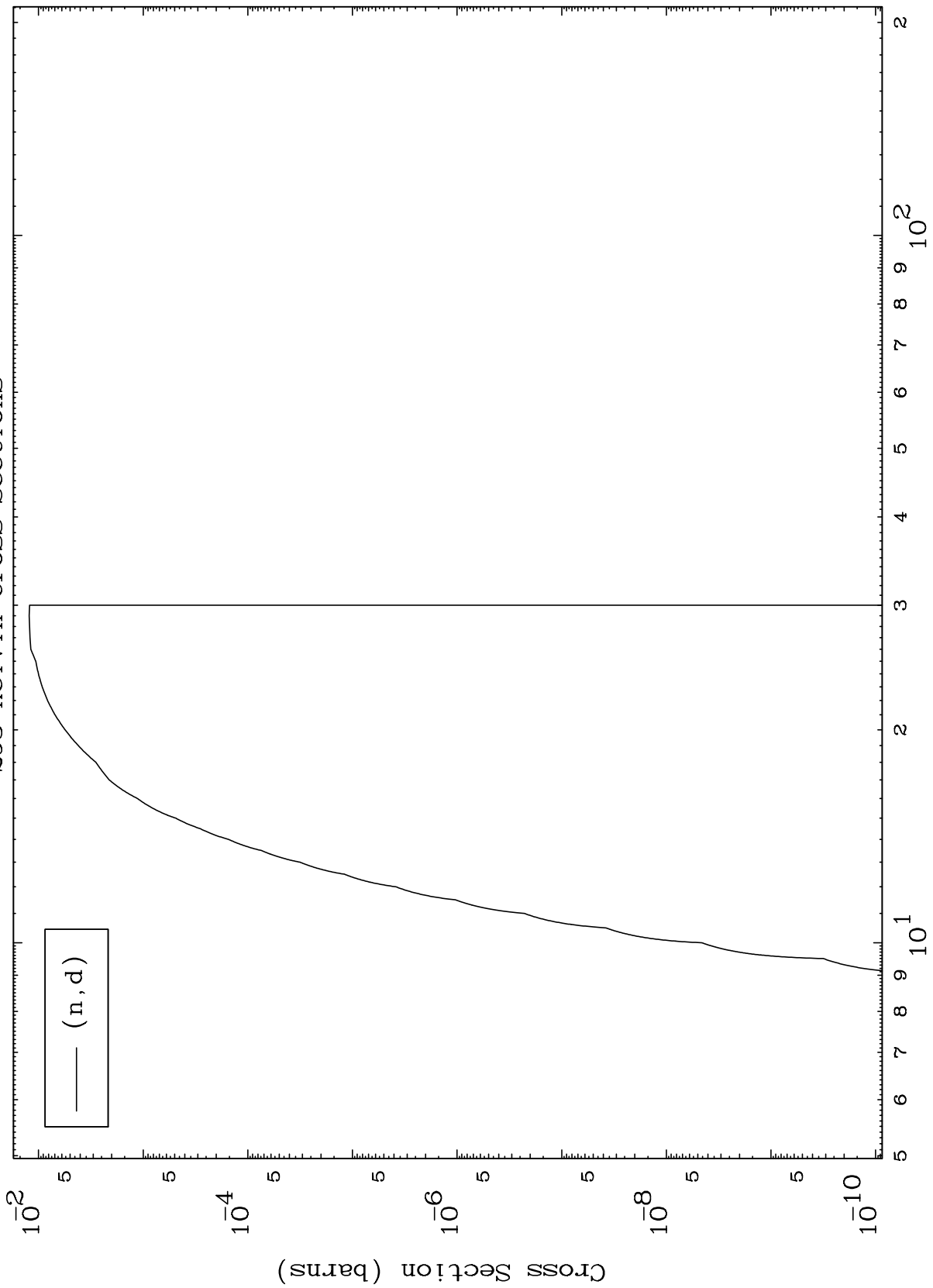
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179

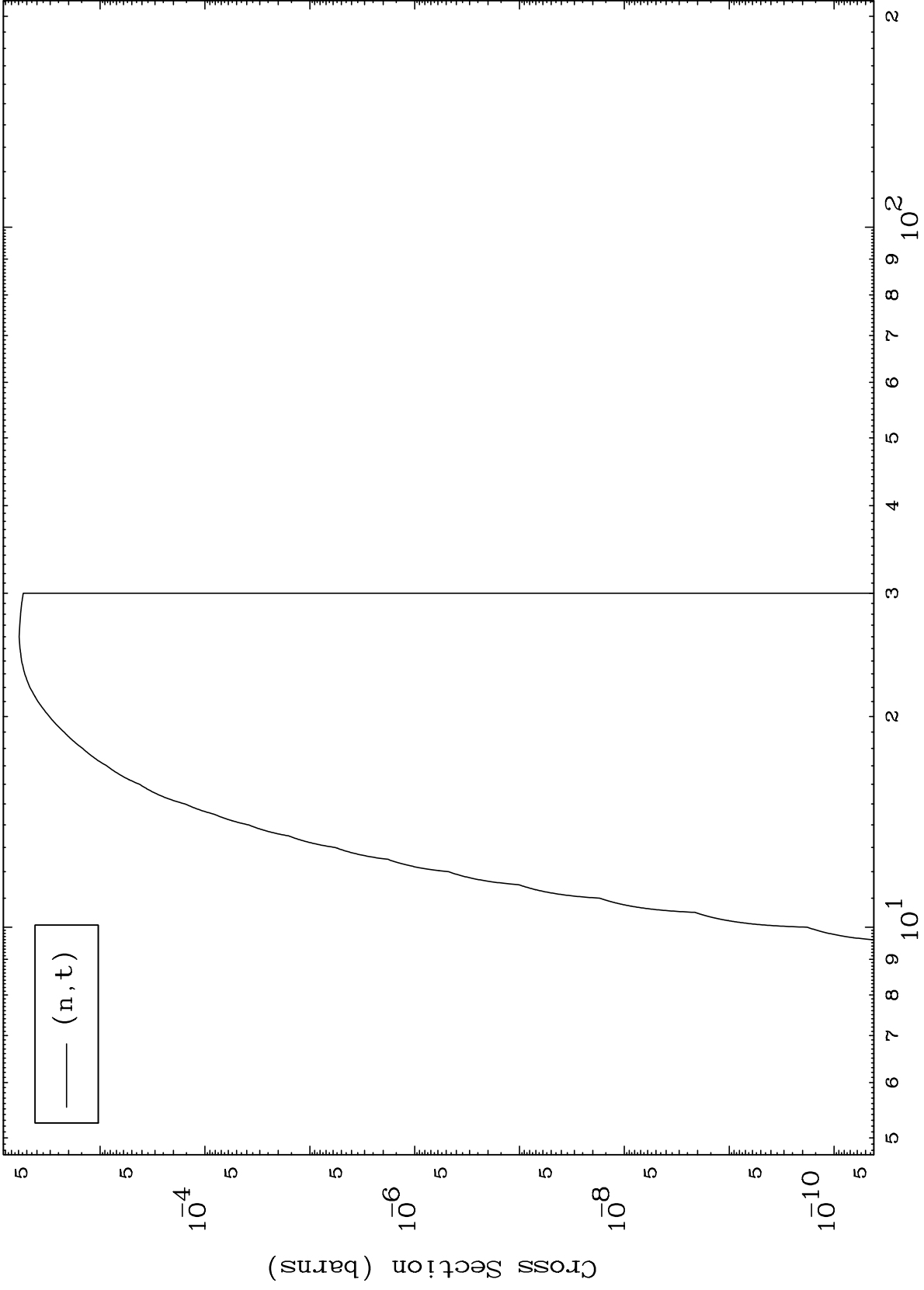


(n,d)

MAT 7240

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

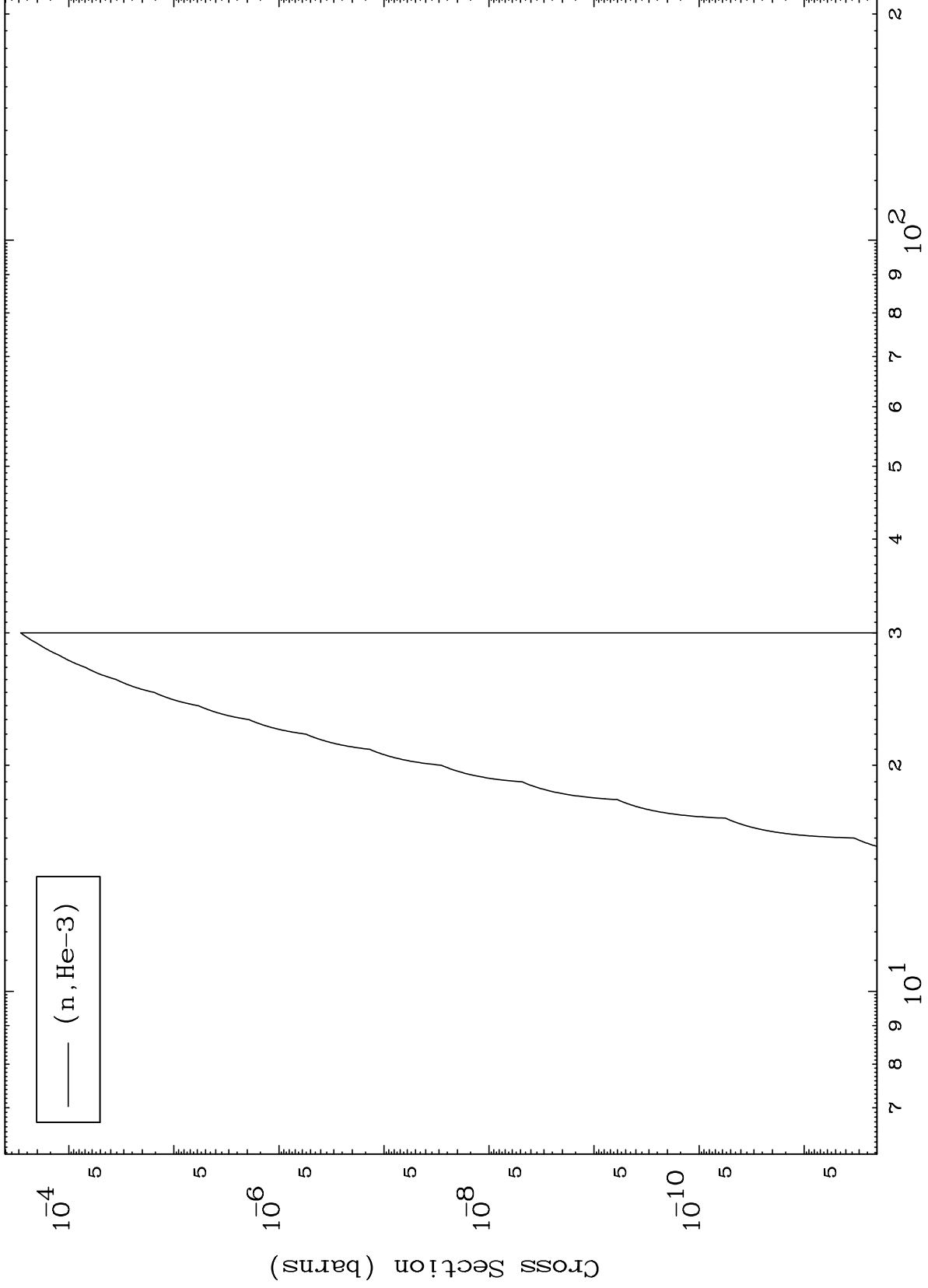
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,He3) Levels
293 Kelvin Cross Sections

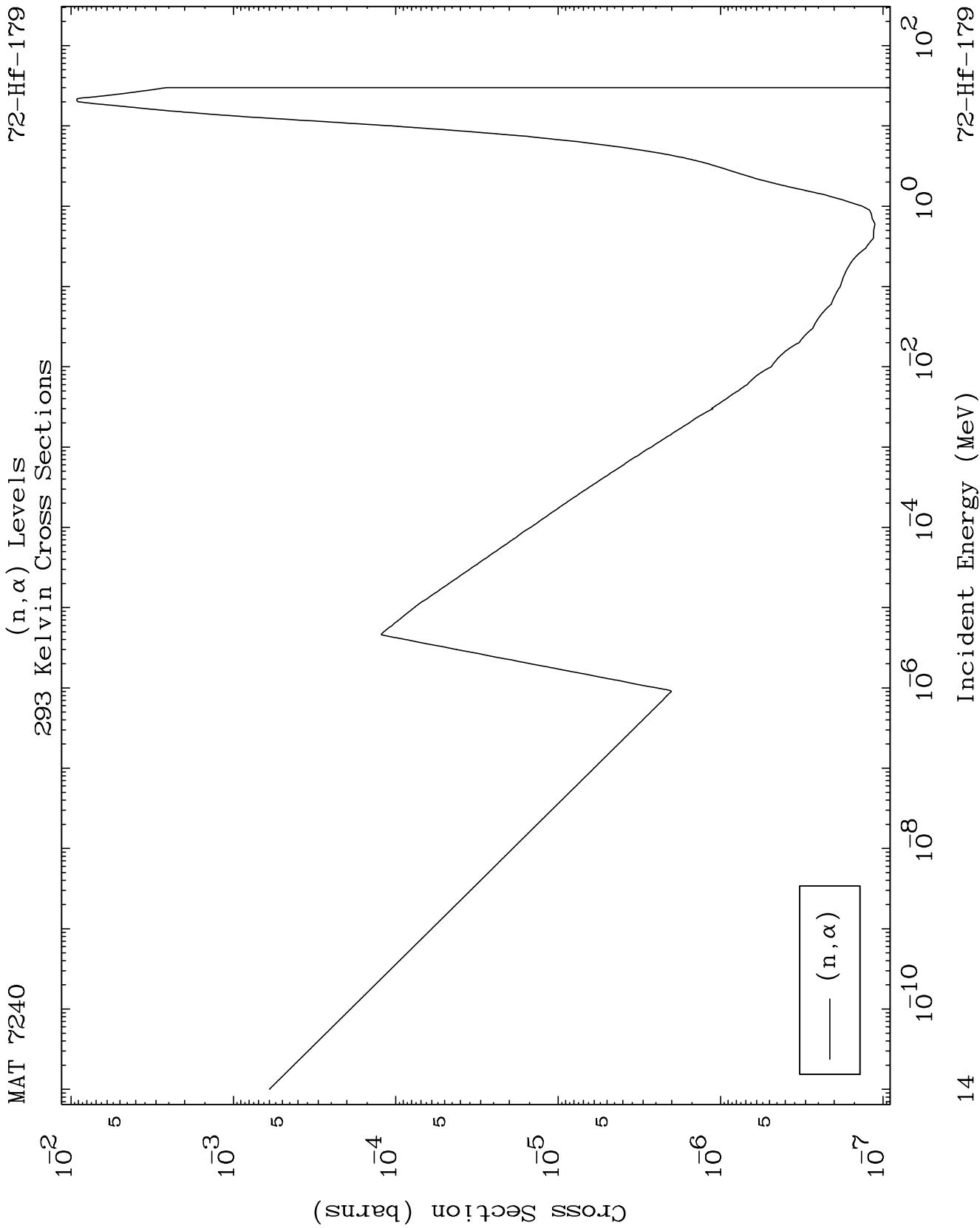
72-Hf-179

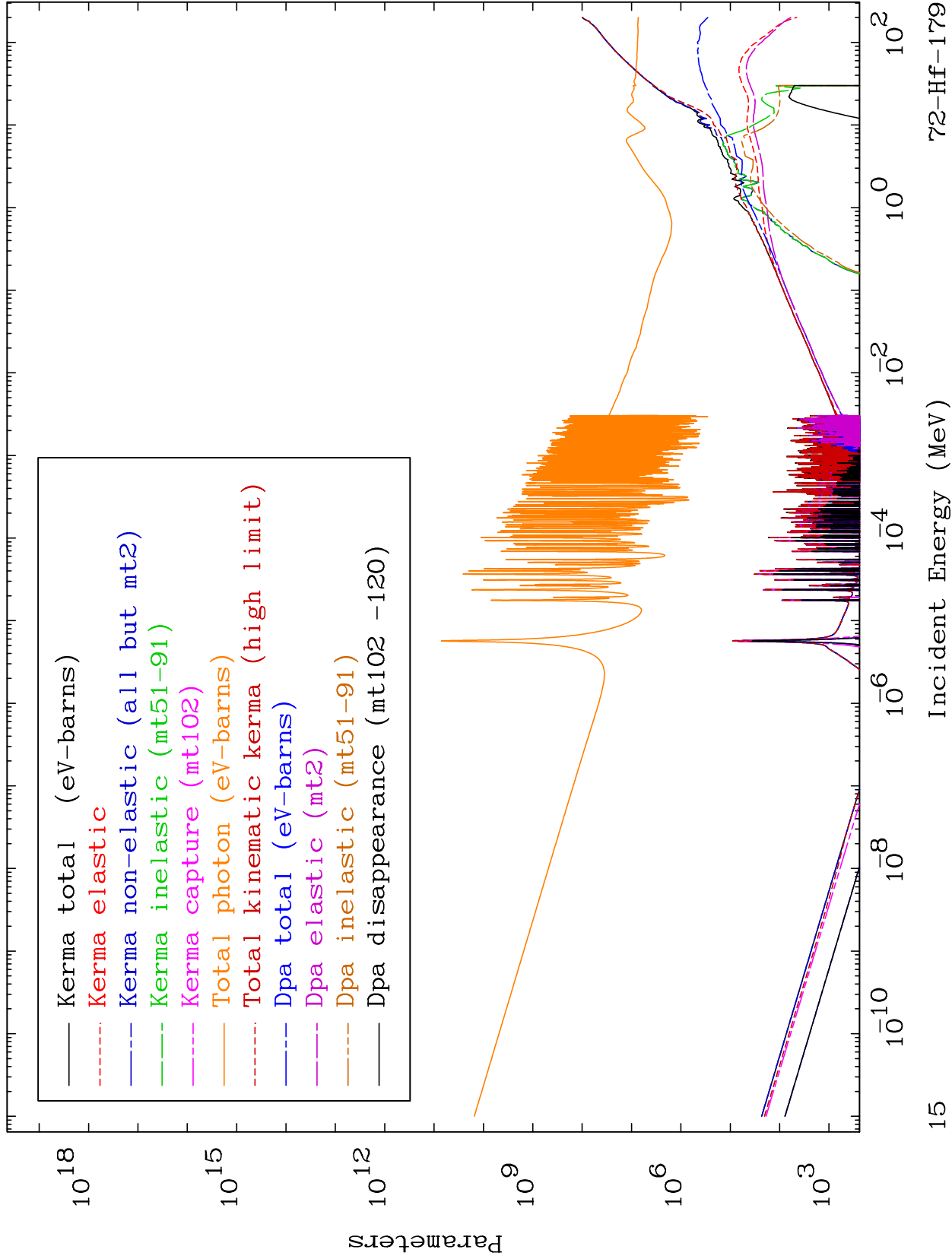


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Incident Energy (MeV)

72-Hf-179

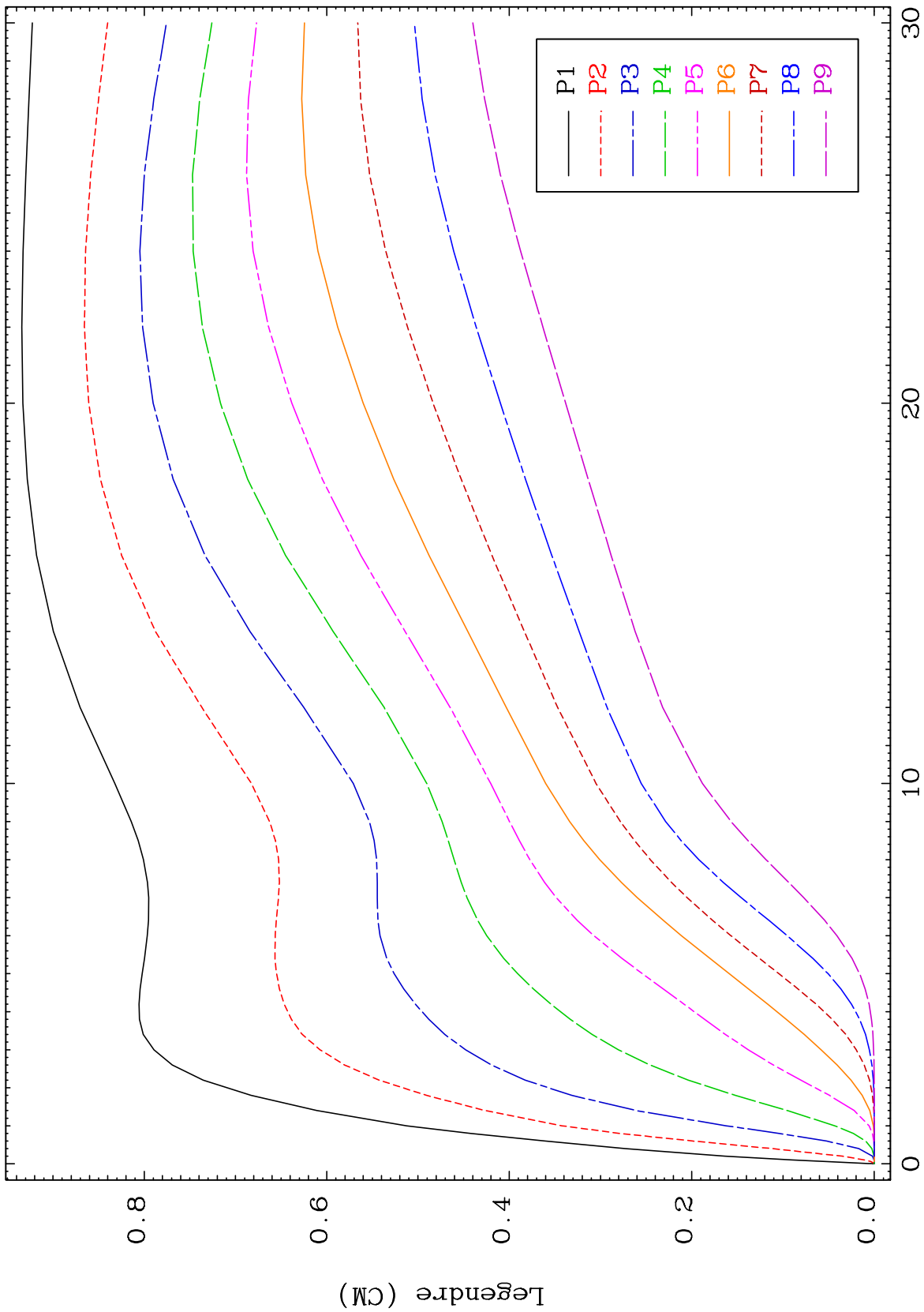




MAT 7240

Elastic Legendre Coefficients

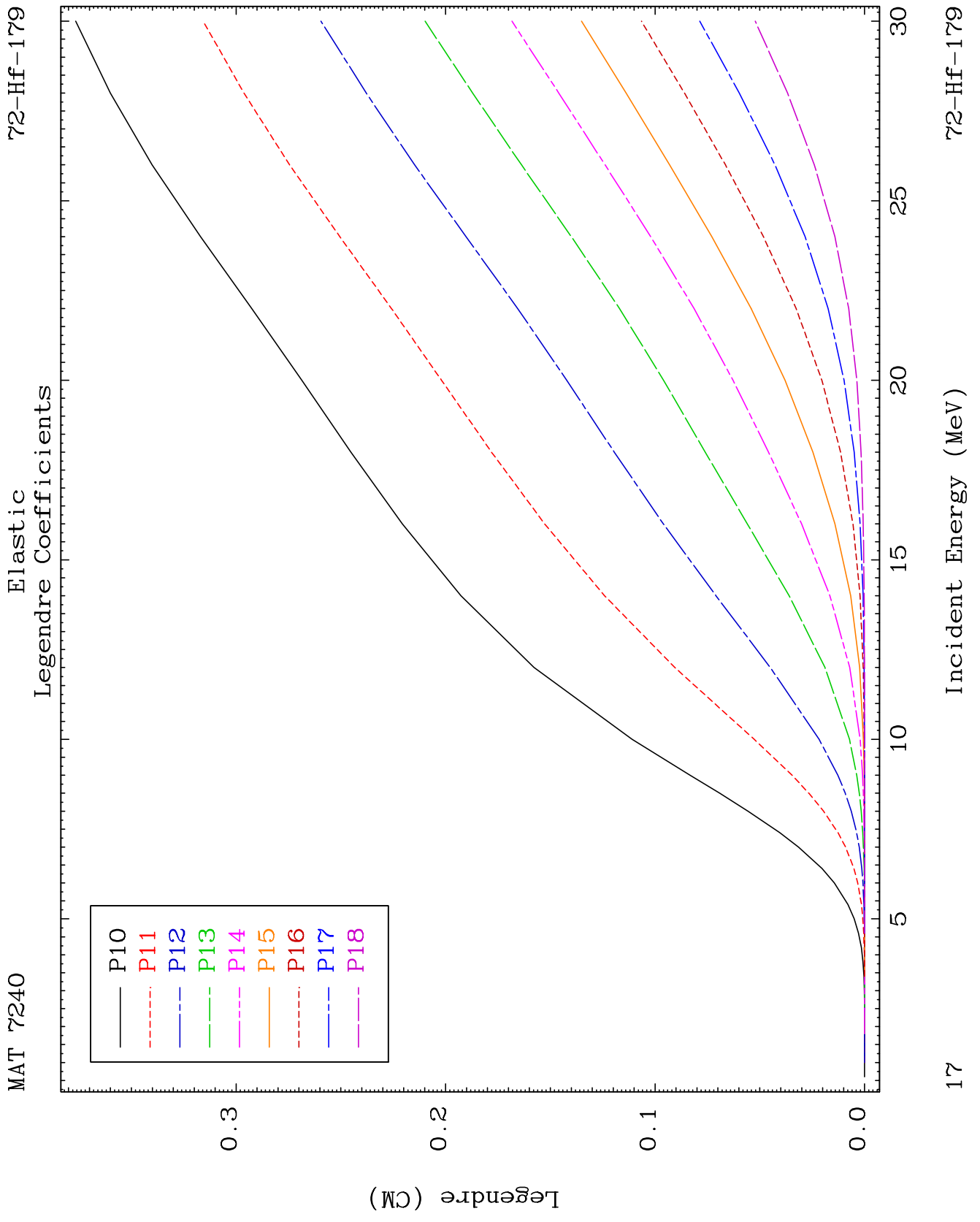
72-Hf-179



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Incident Energy (MeV)

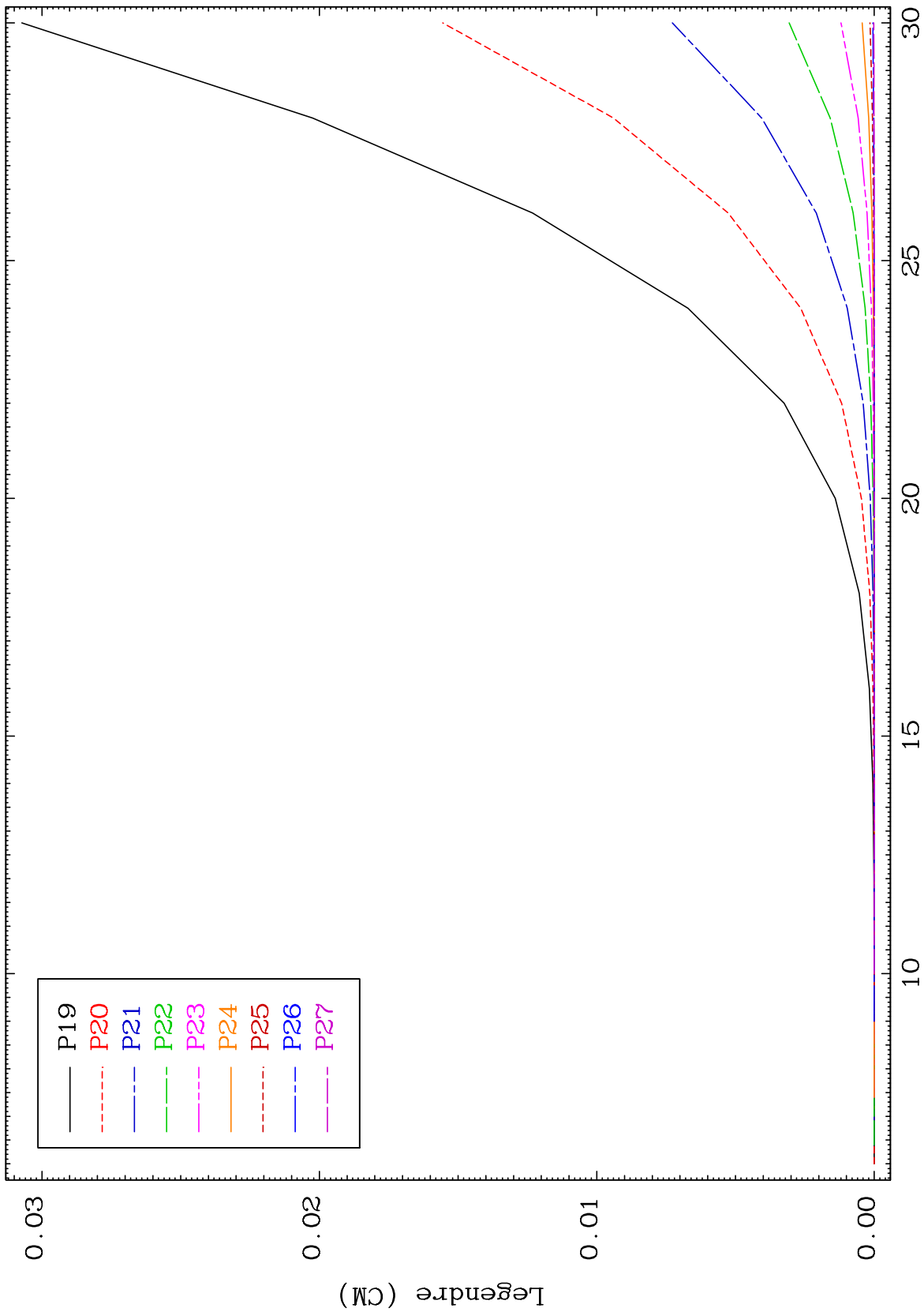
72-Hf-179



MAT 7240

Elastic
Legendre Coefficients

72-Hf-179



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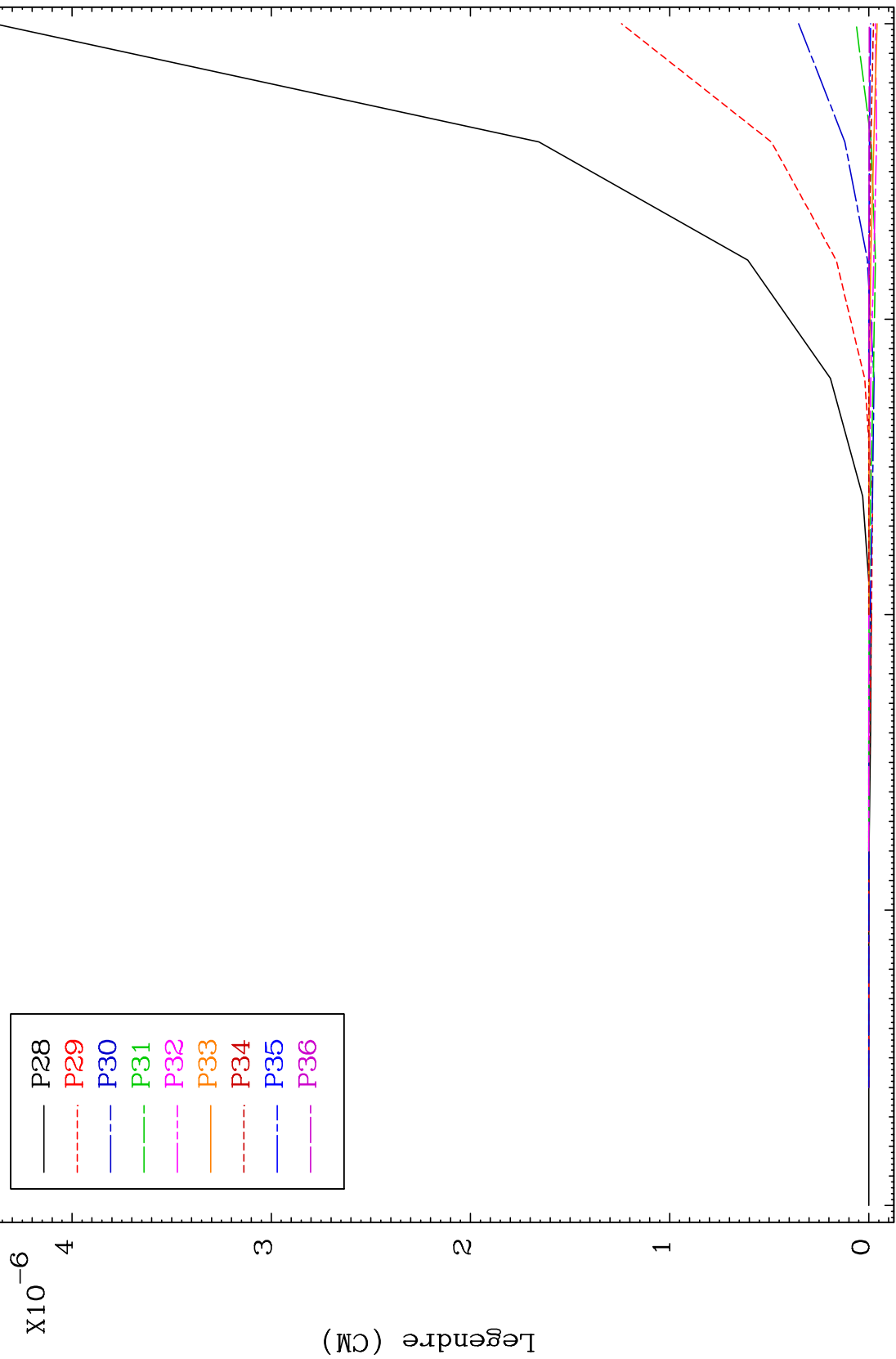
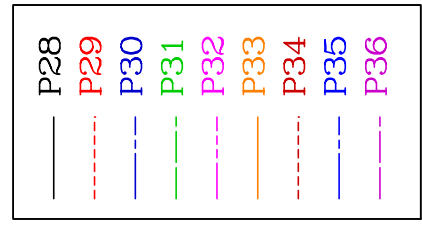
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



10

15

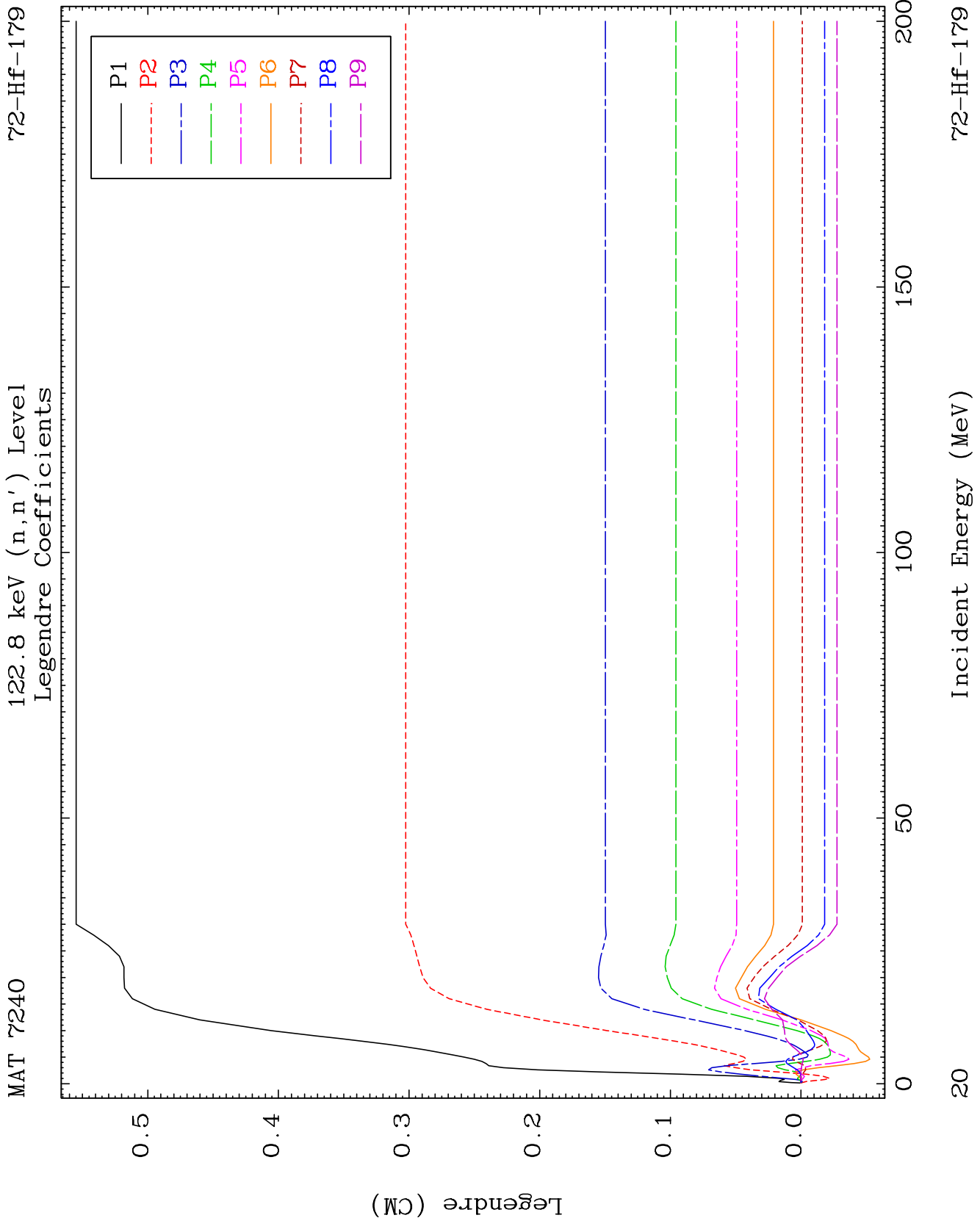
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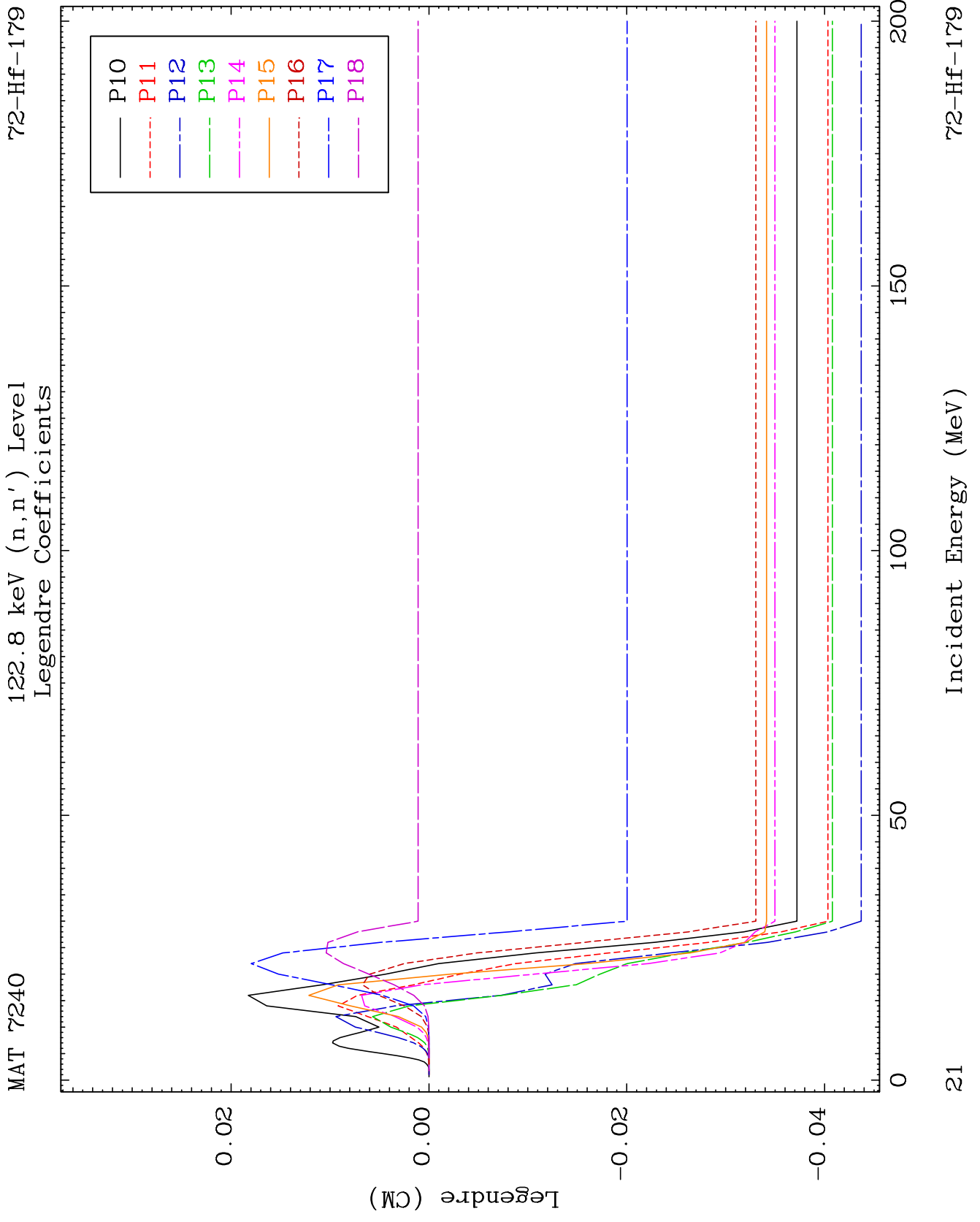
25

30

Incident Energy (MeV)

72-Hf-179

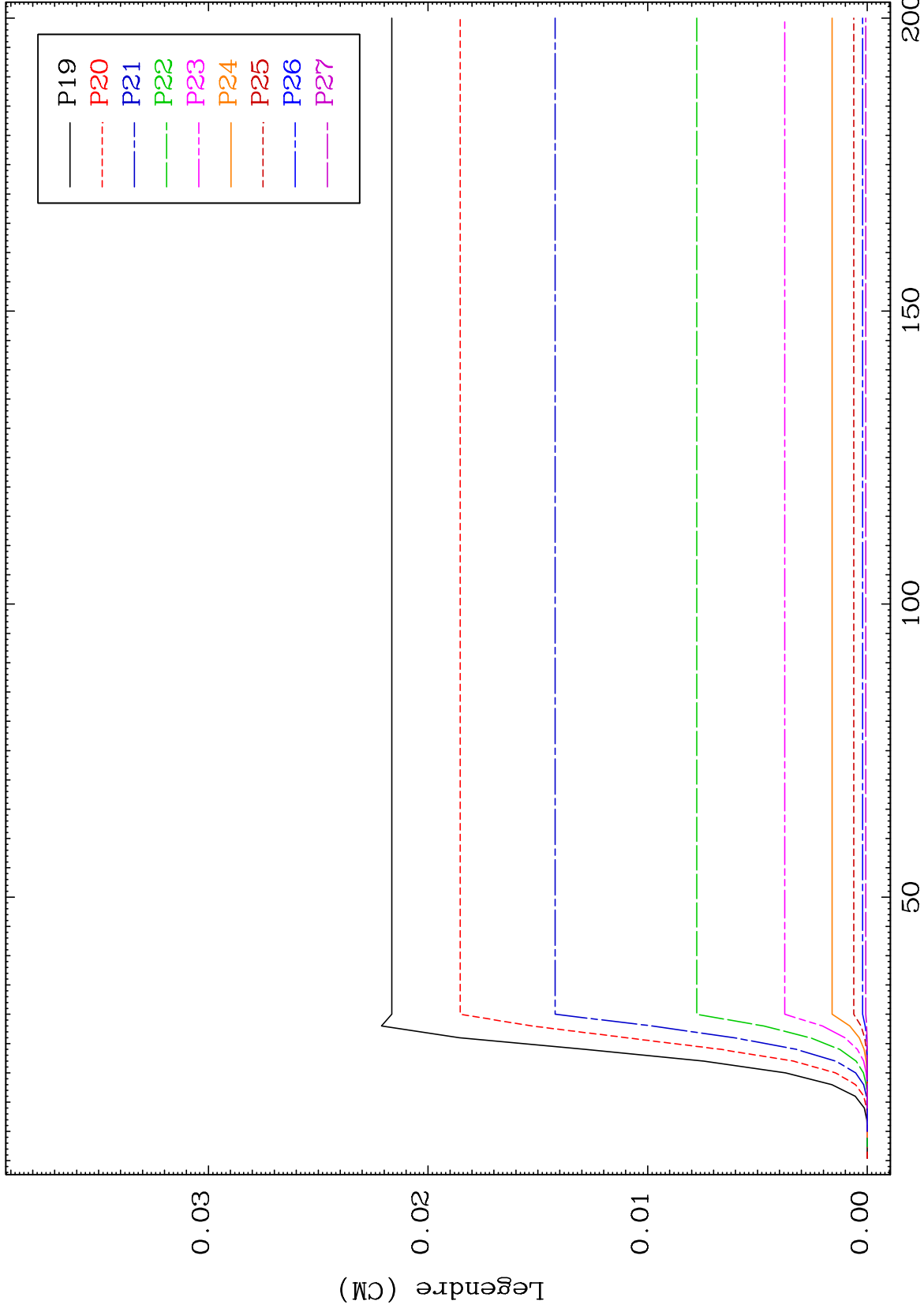




MAT 7240

122.8 keV (n,n') Level
Legendre Coefficients

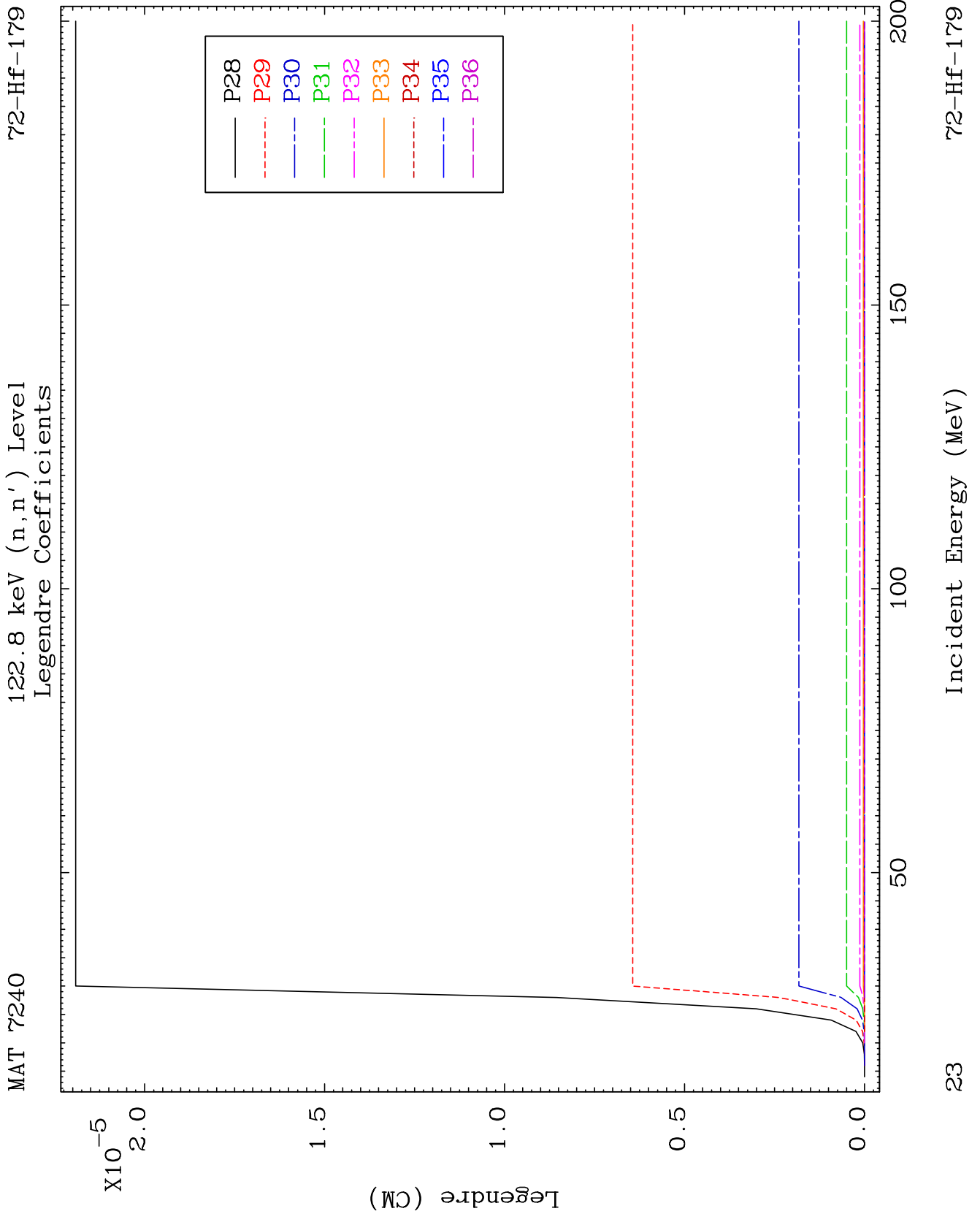
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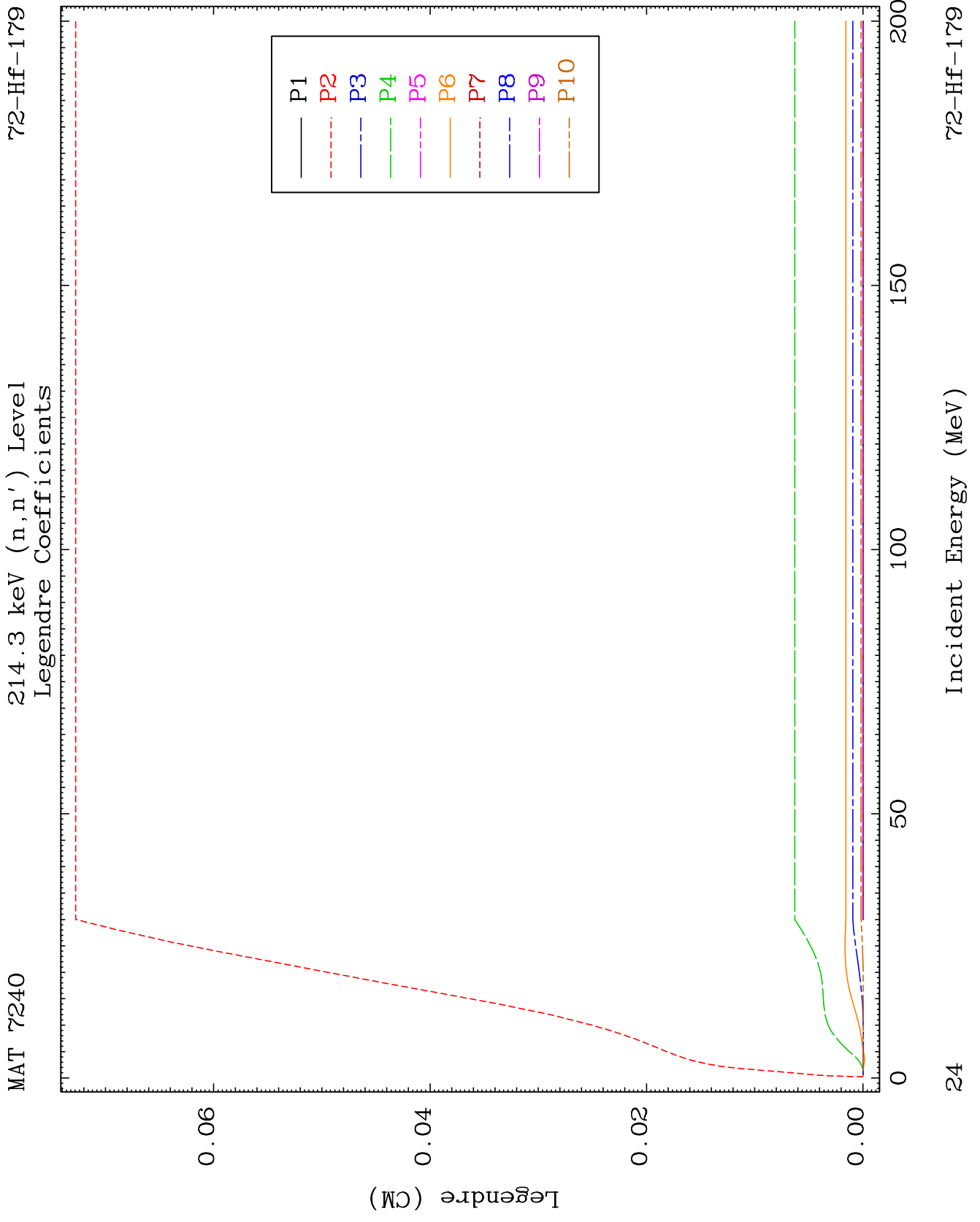


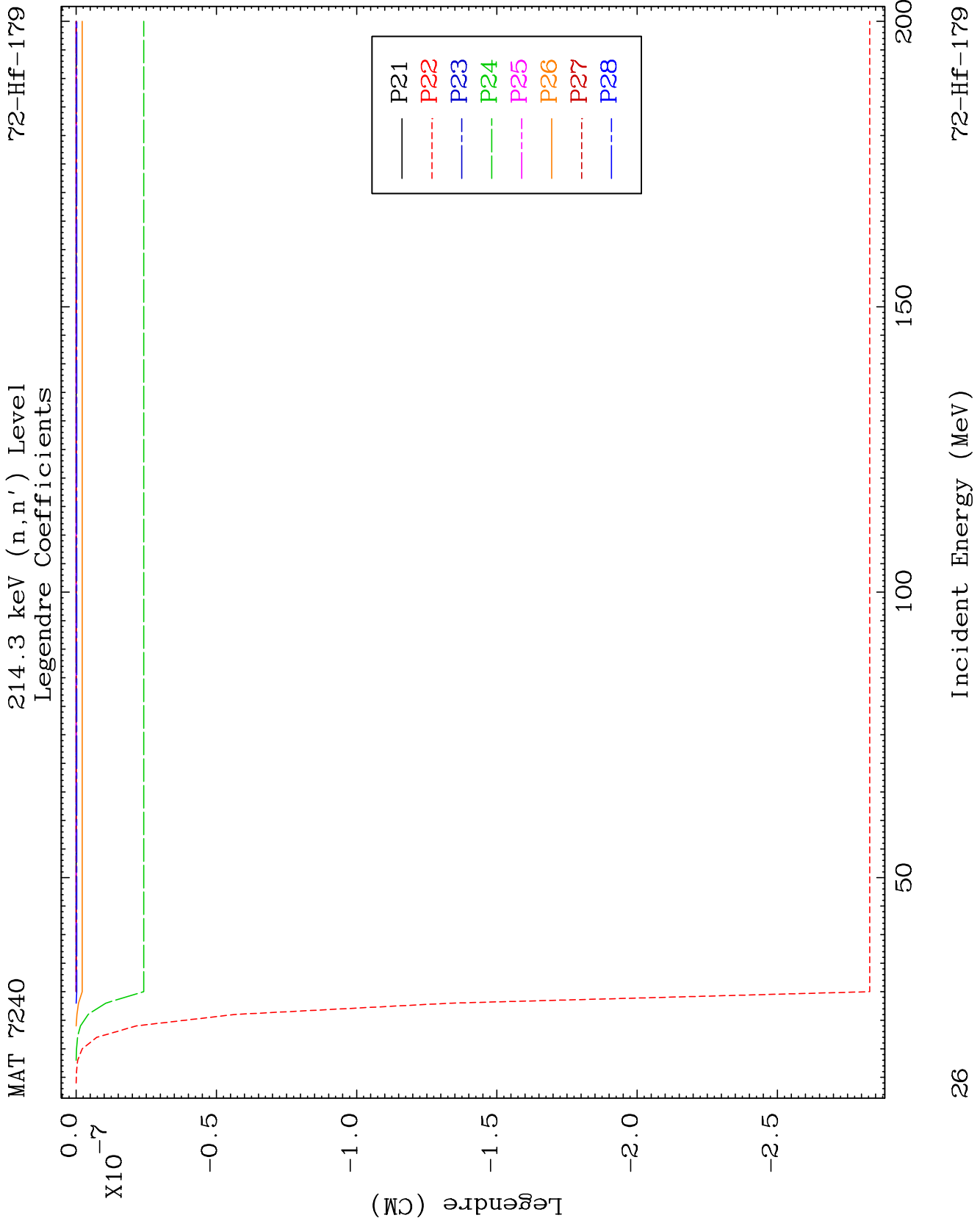
22

Incident Energy (MeV)

72-Hf-179



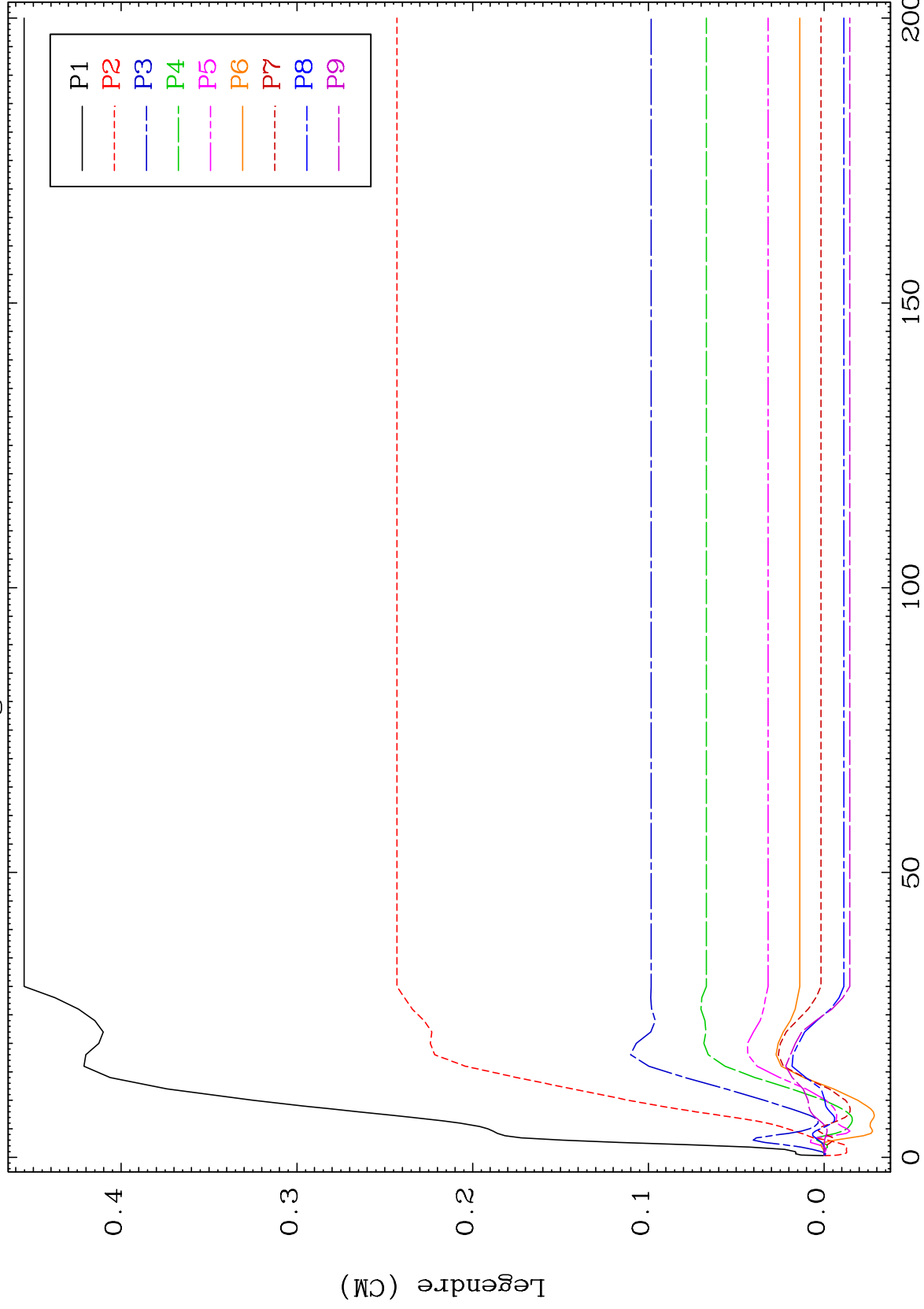




MAT 7240

268.9 keV (n,n') Level
Legendre Coefficients

72-Hf-179



27

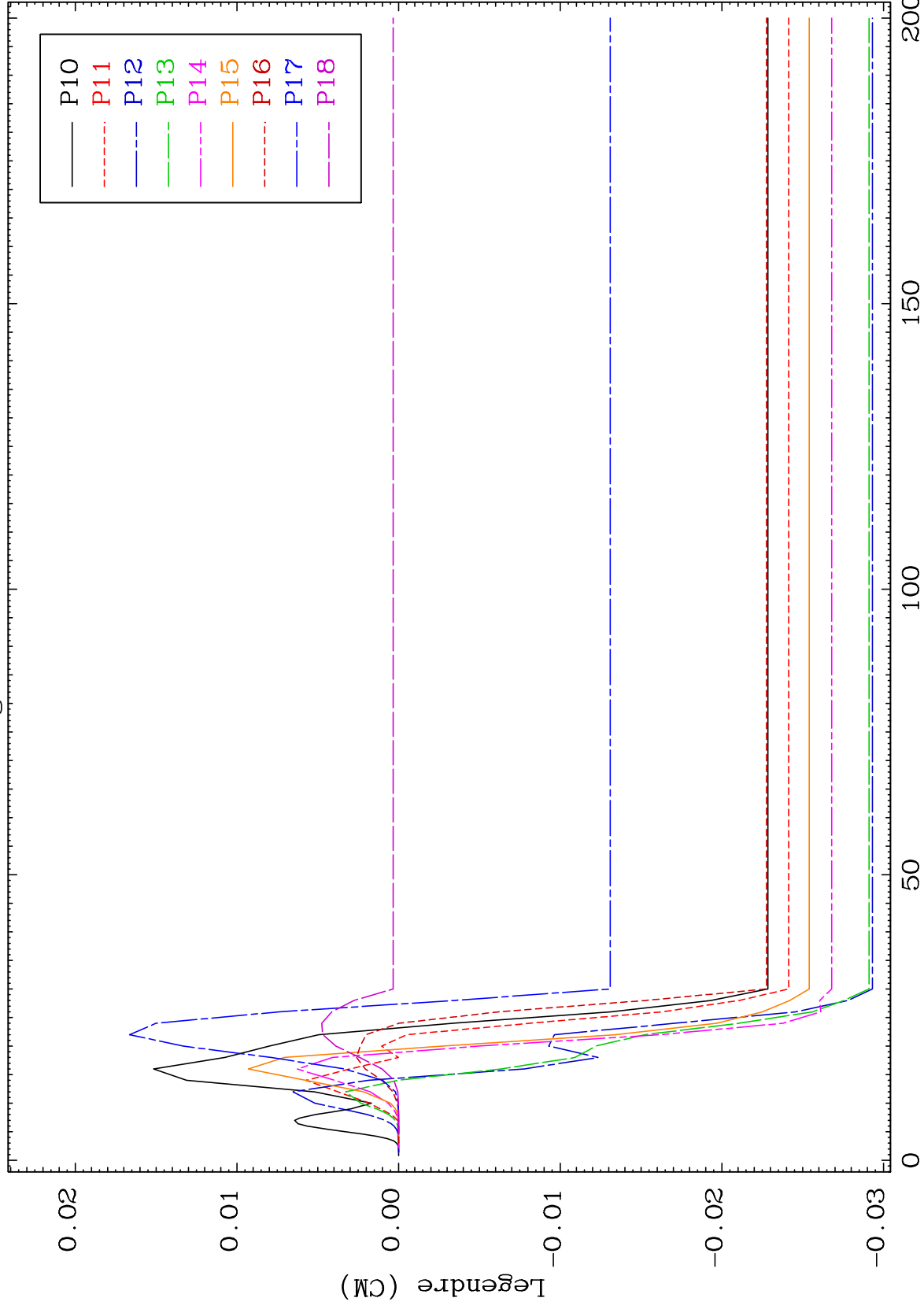
Incident Energy (MeV)

72-Hf-179

MAT 7240

268.9 keV (n,n') Level
Legendre Coefficients

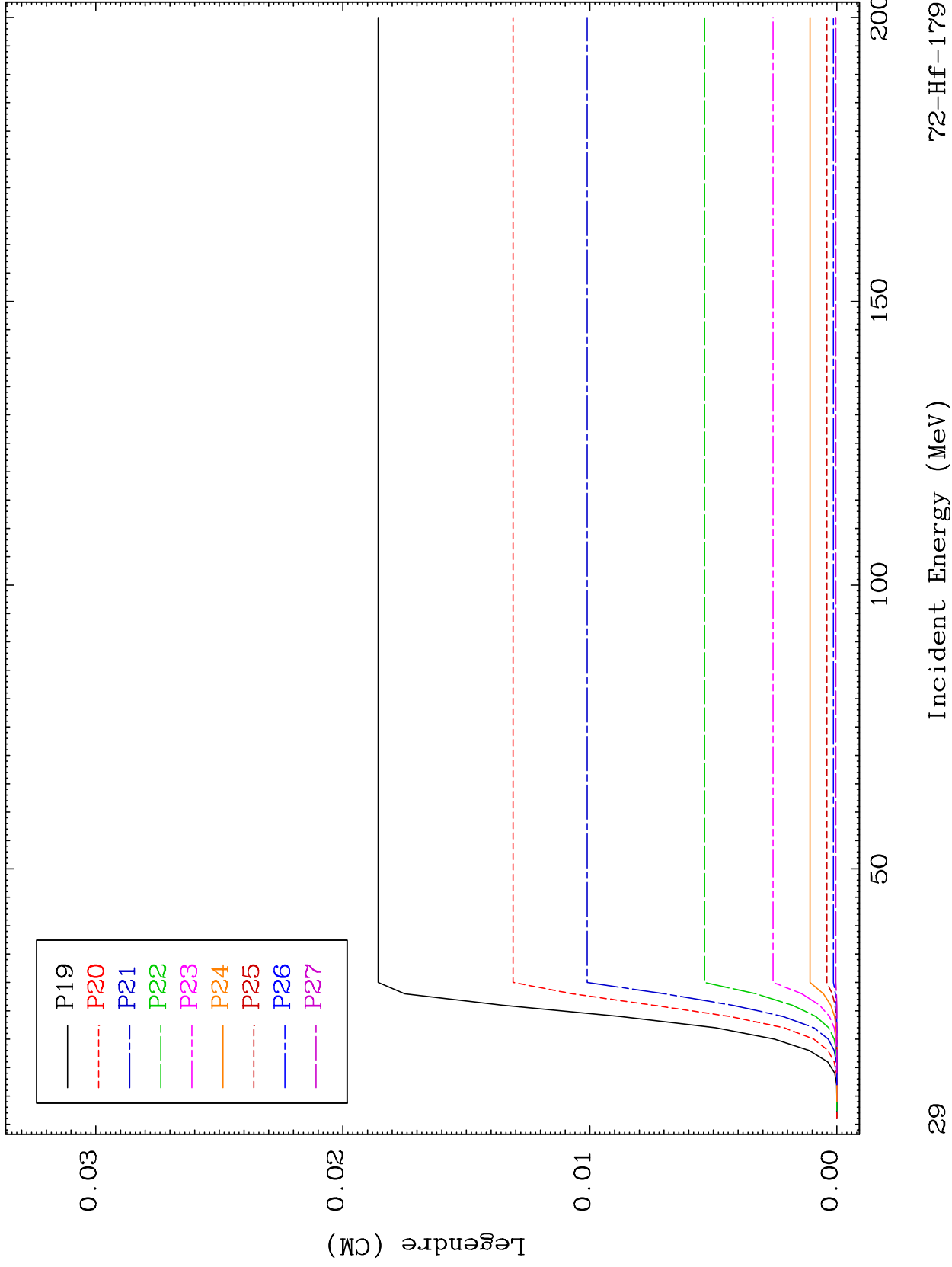
72-Hf-179

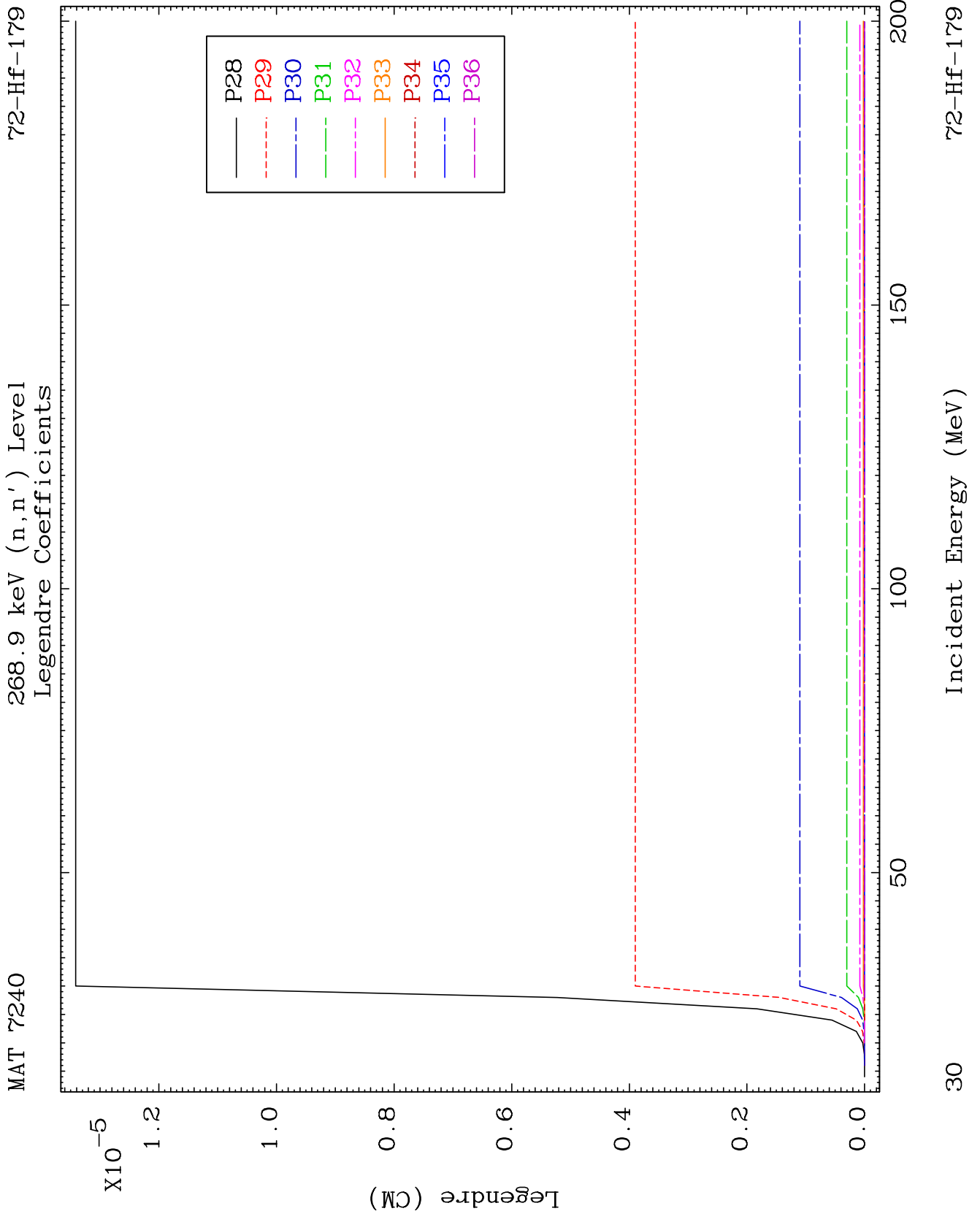


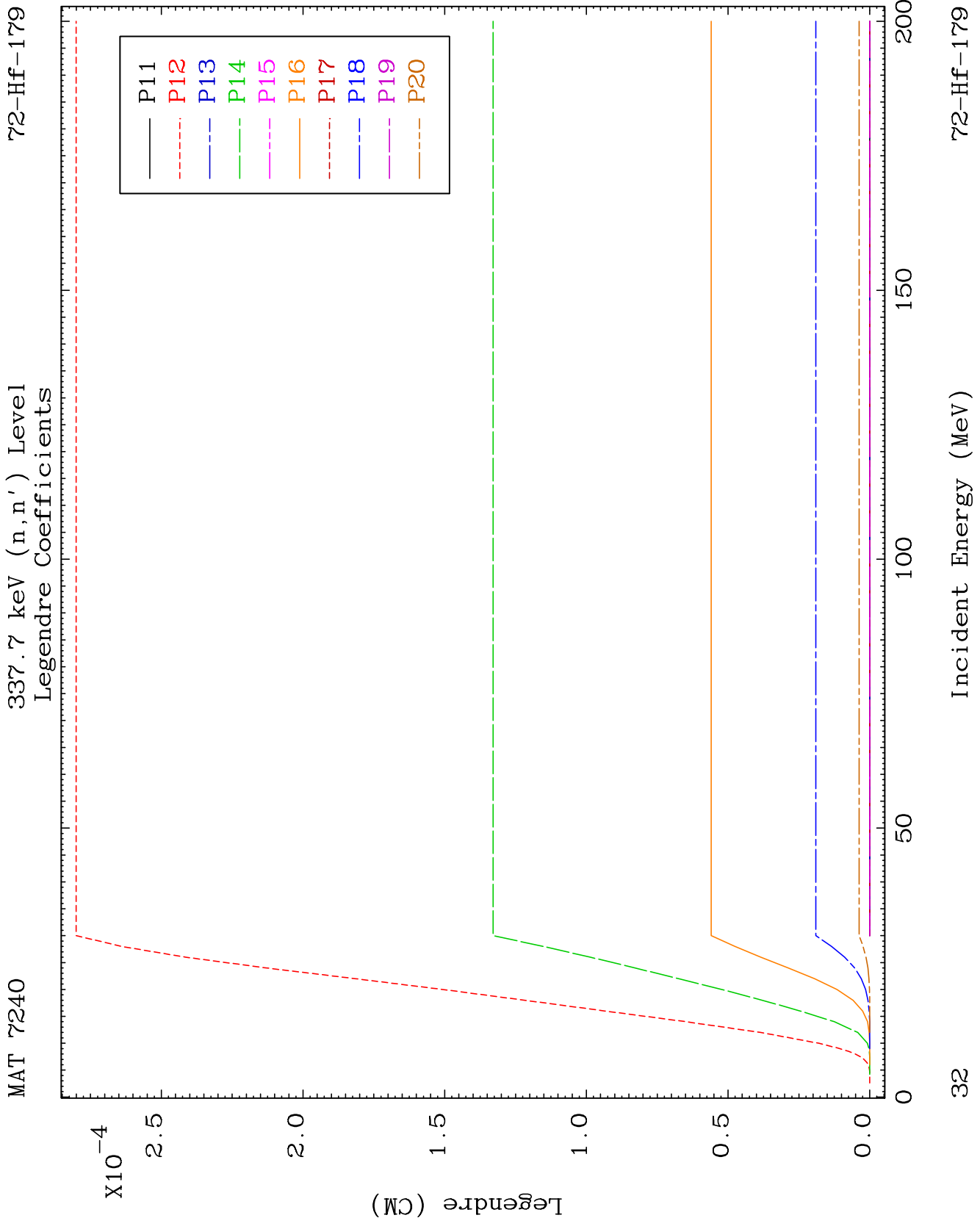
28

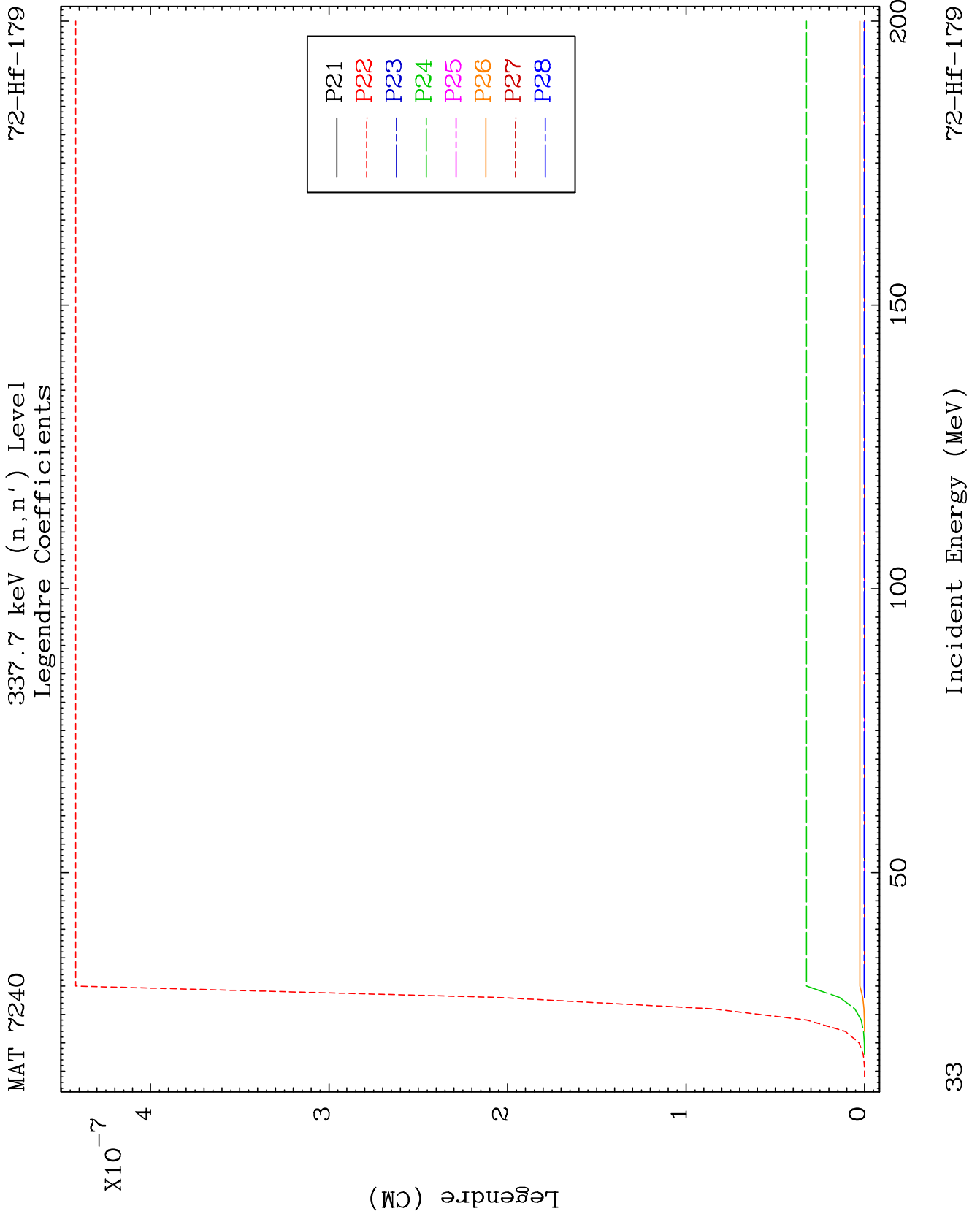
Incident Energy (MeV)

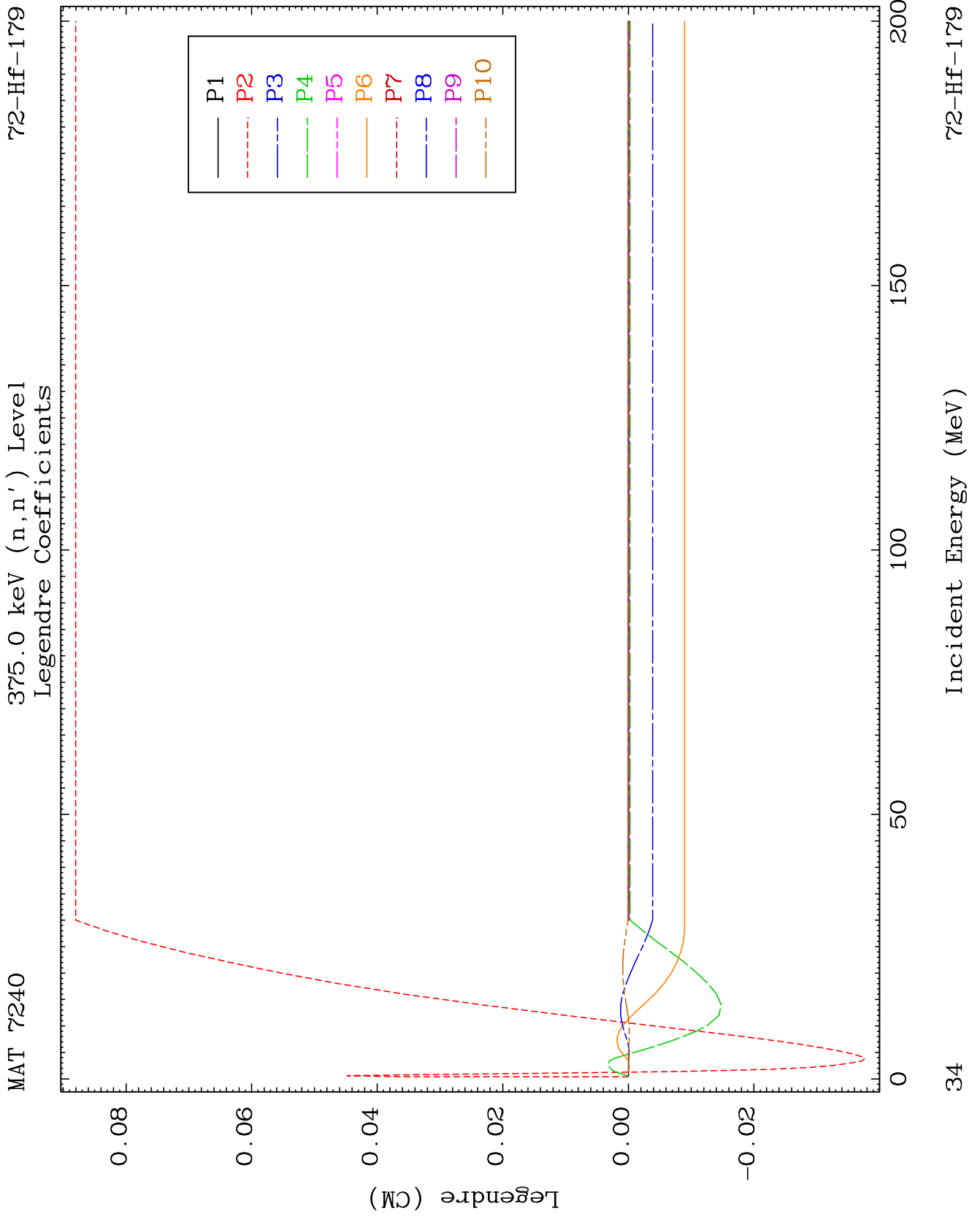
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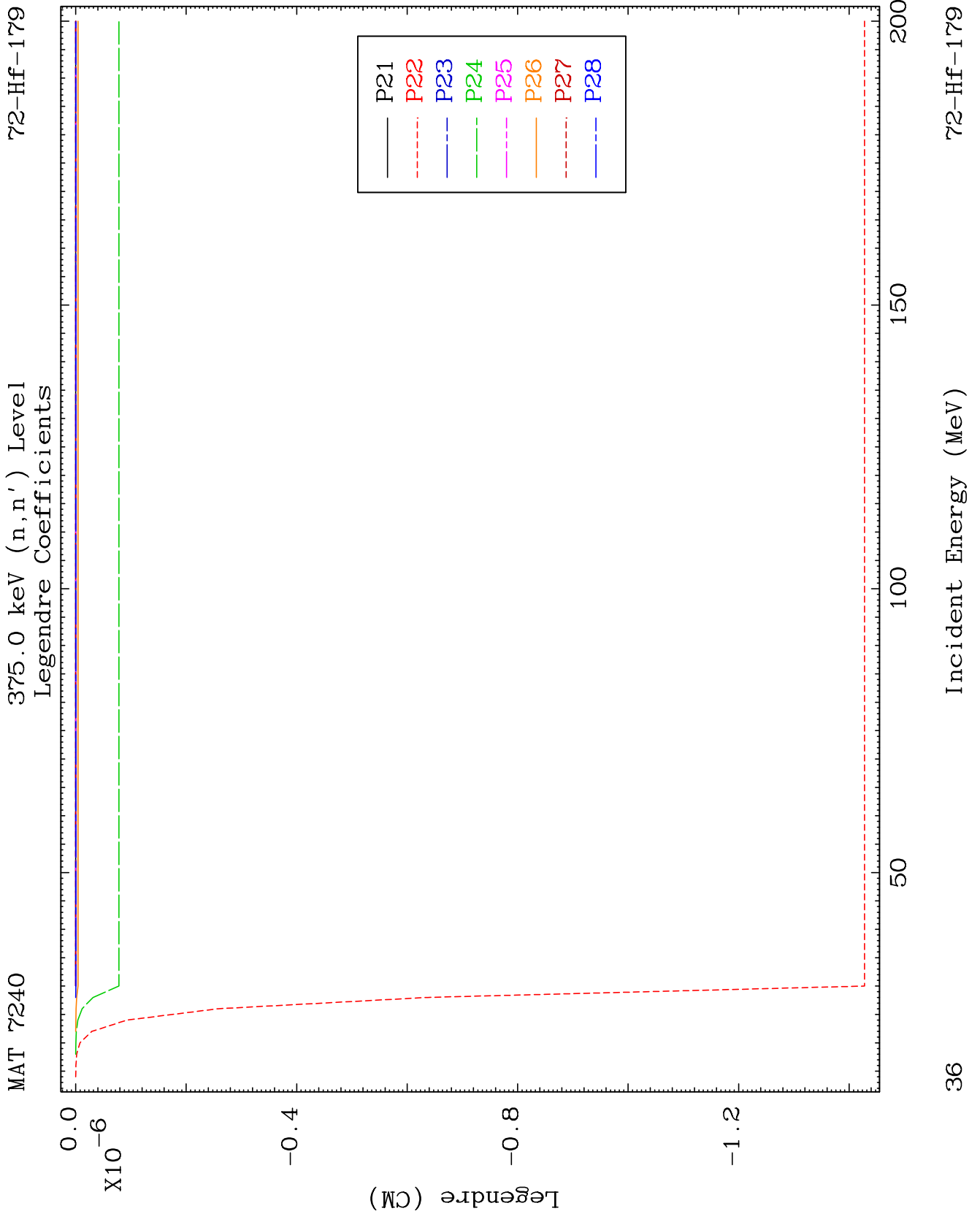


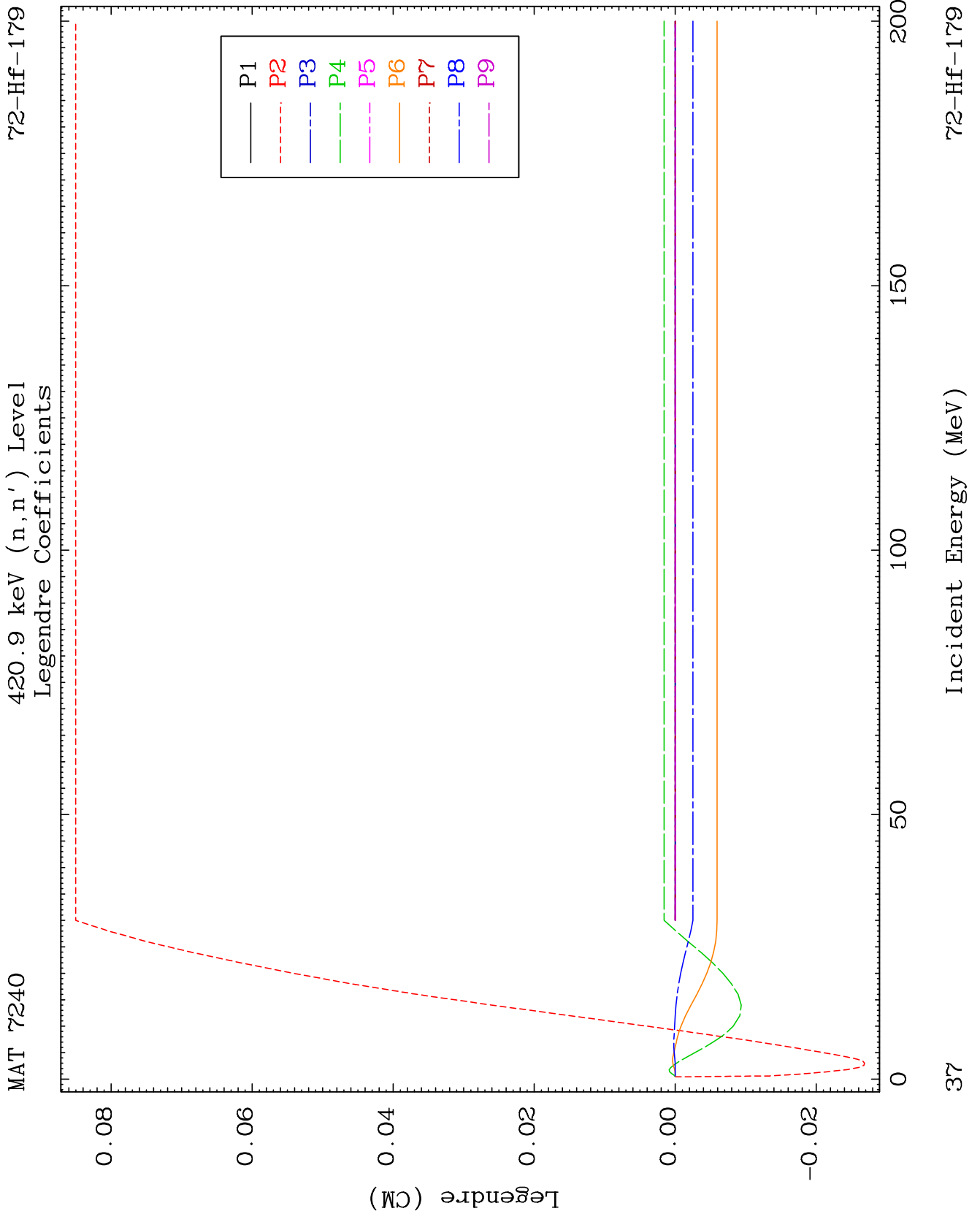








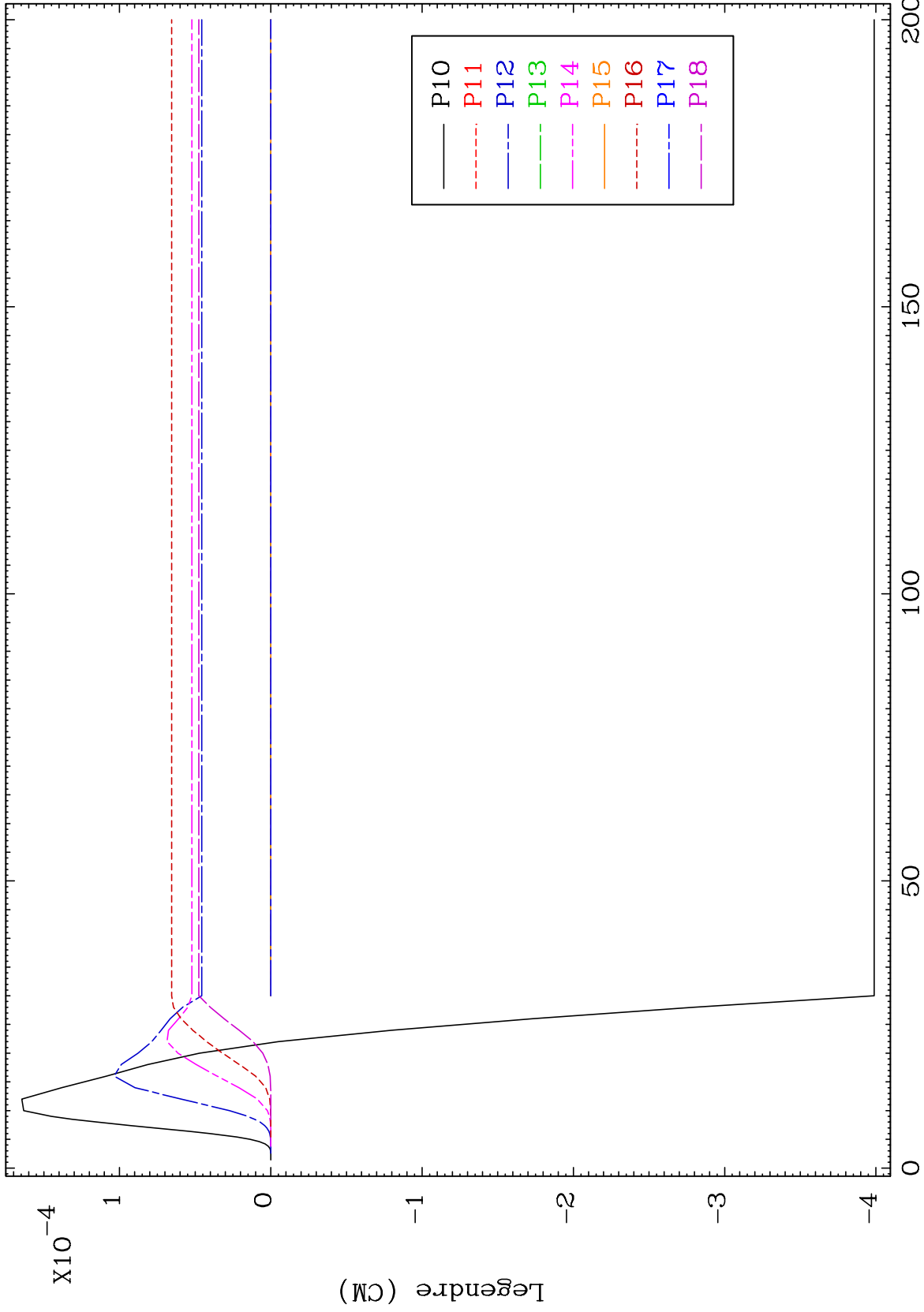




MAT 7240

420.9 keV (n,n') Level
Legendre Coefficients

72-Hf-179



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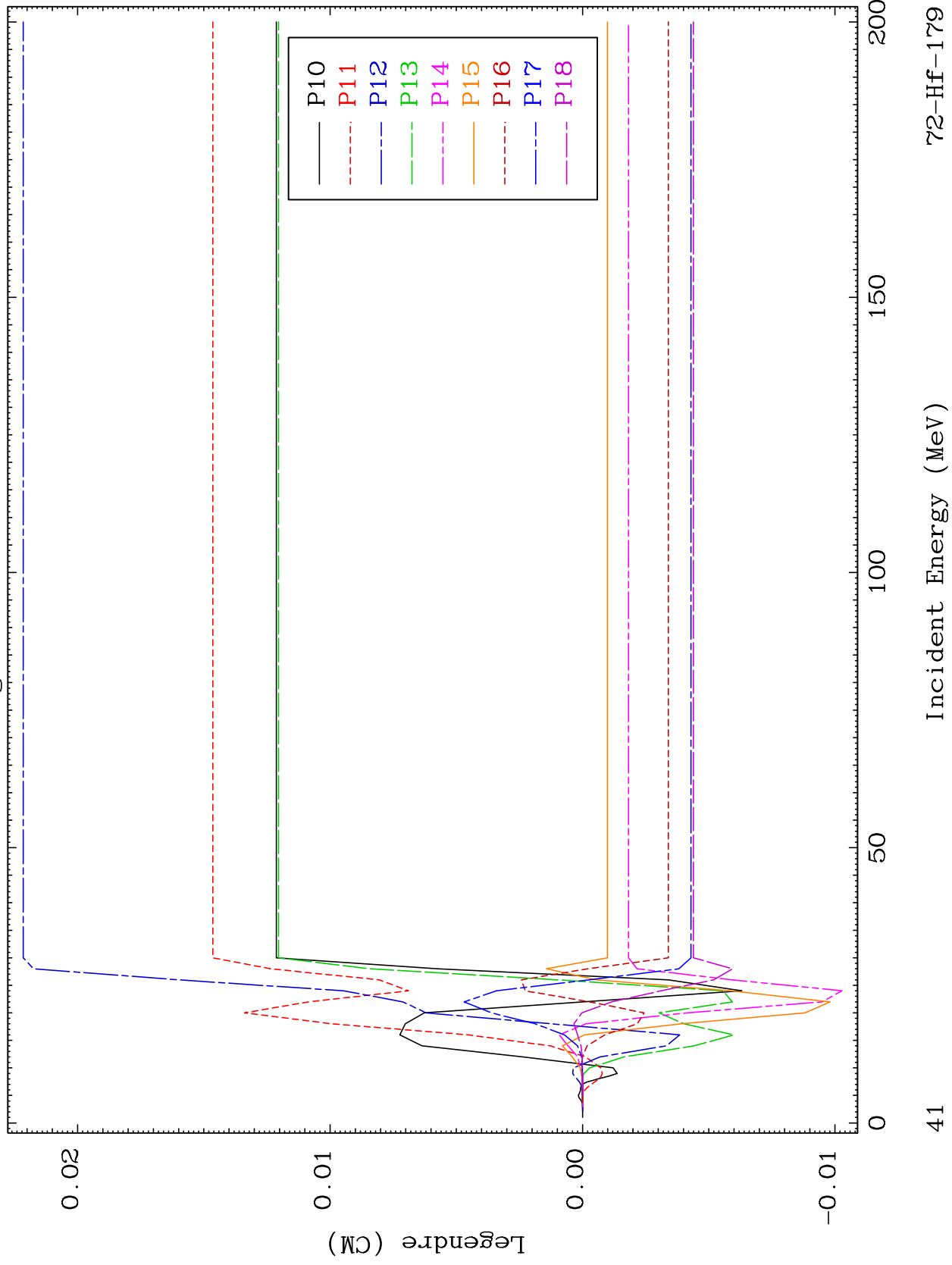
Incident Energy (MeV)

72-Hf-179

MAT 7240

438.7 keV (n,n') Level
Legendre Coefficients

72-Hf-179



72-Hf-179

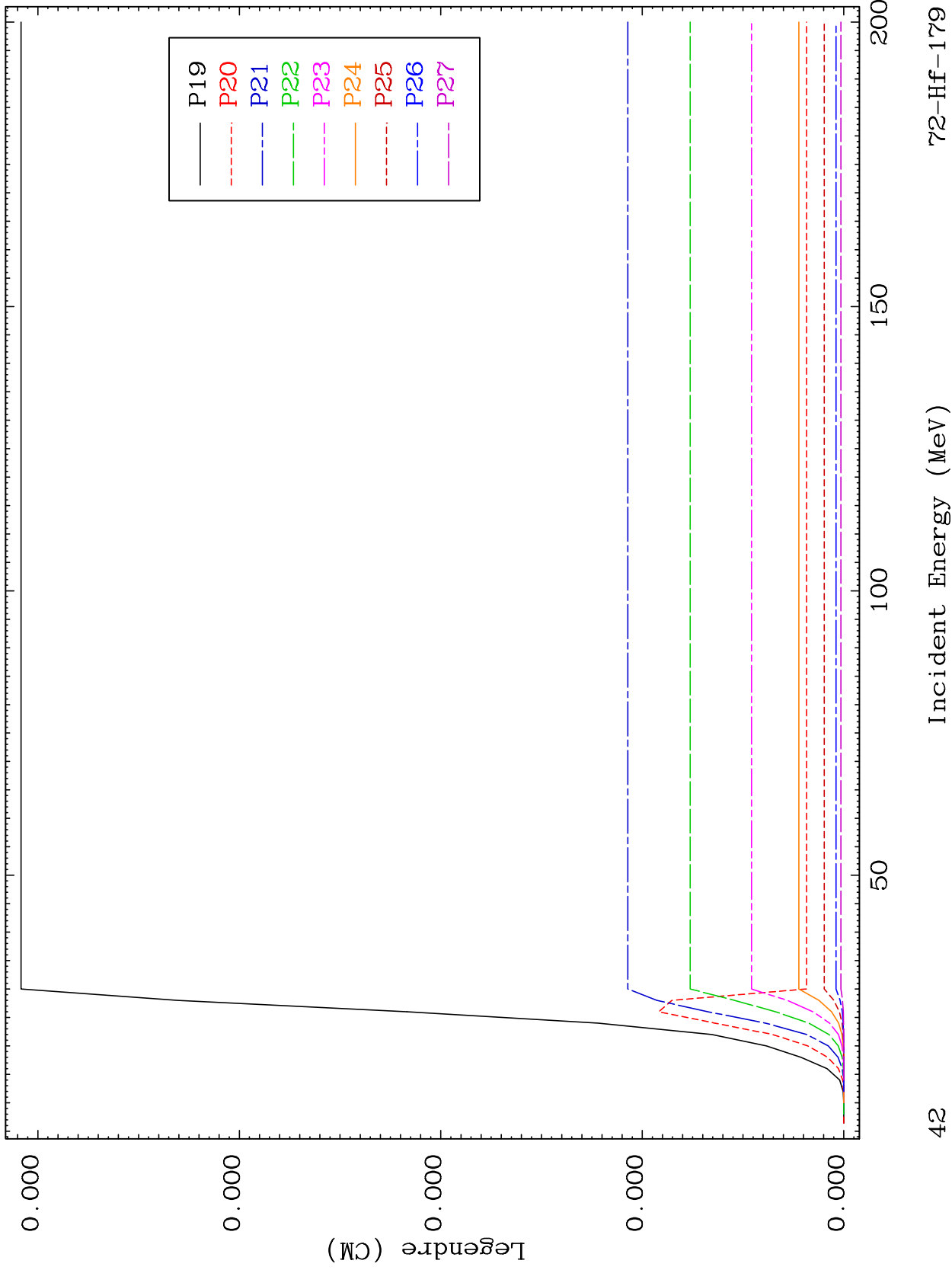
Incident Energy (MeV)

41

MAT 7240

438.7 keV (n,n') Level
Legendre Coefficients

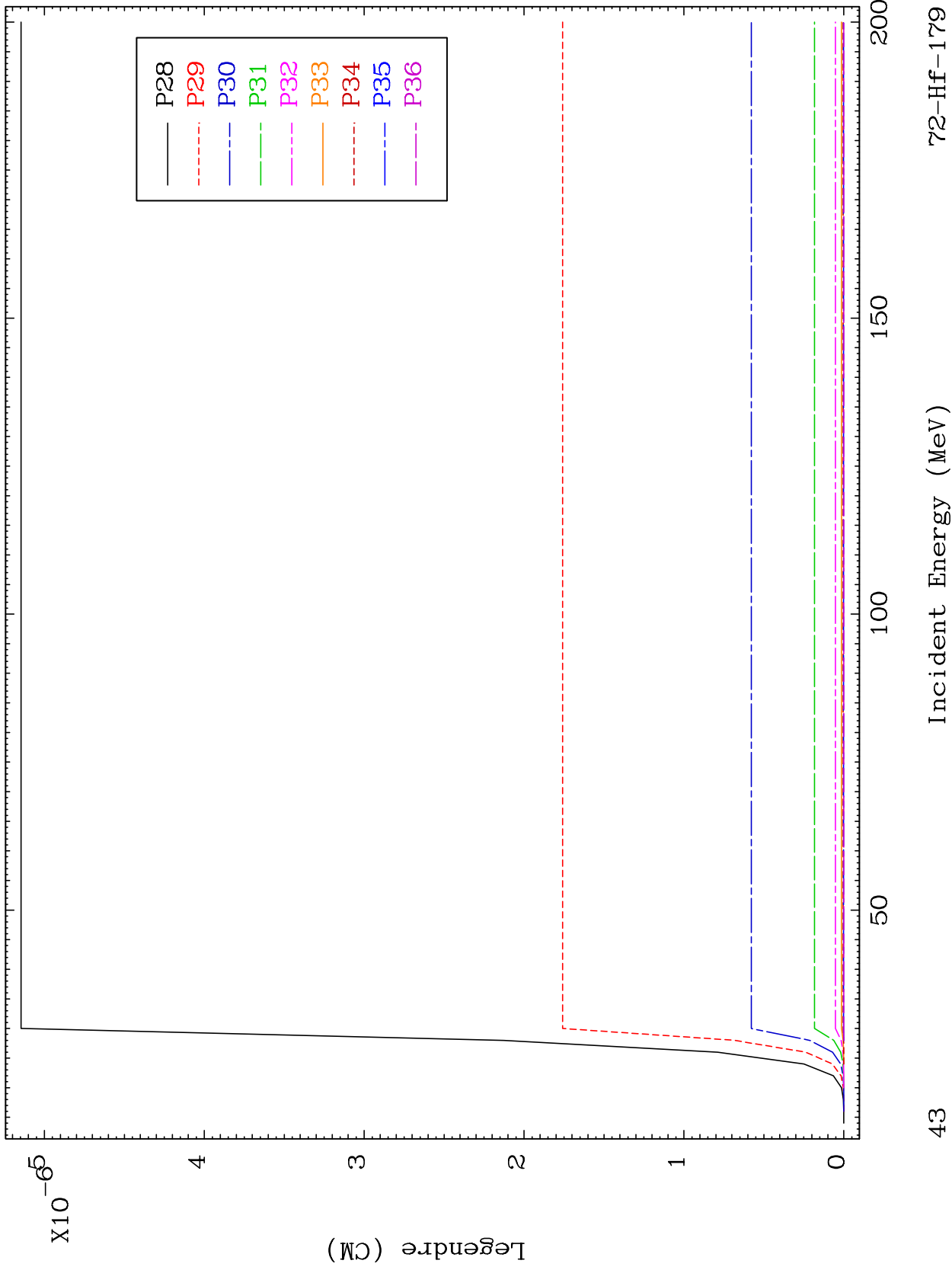
72-Hf-179



MAT 7240

438.7 keV (n,n') Level
Legendre Coefficients

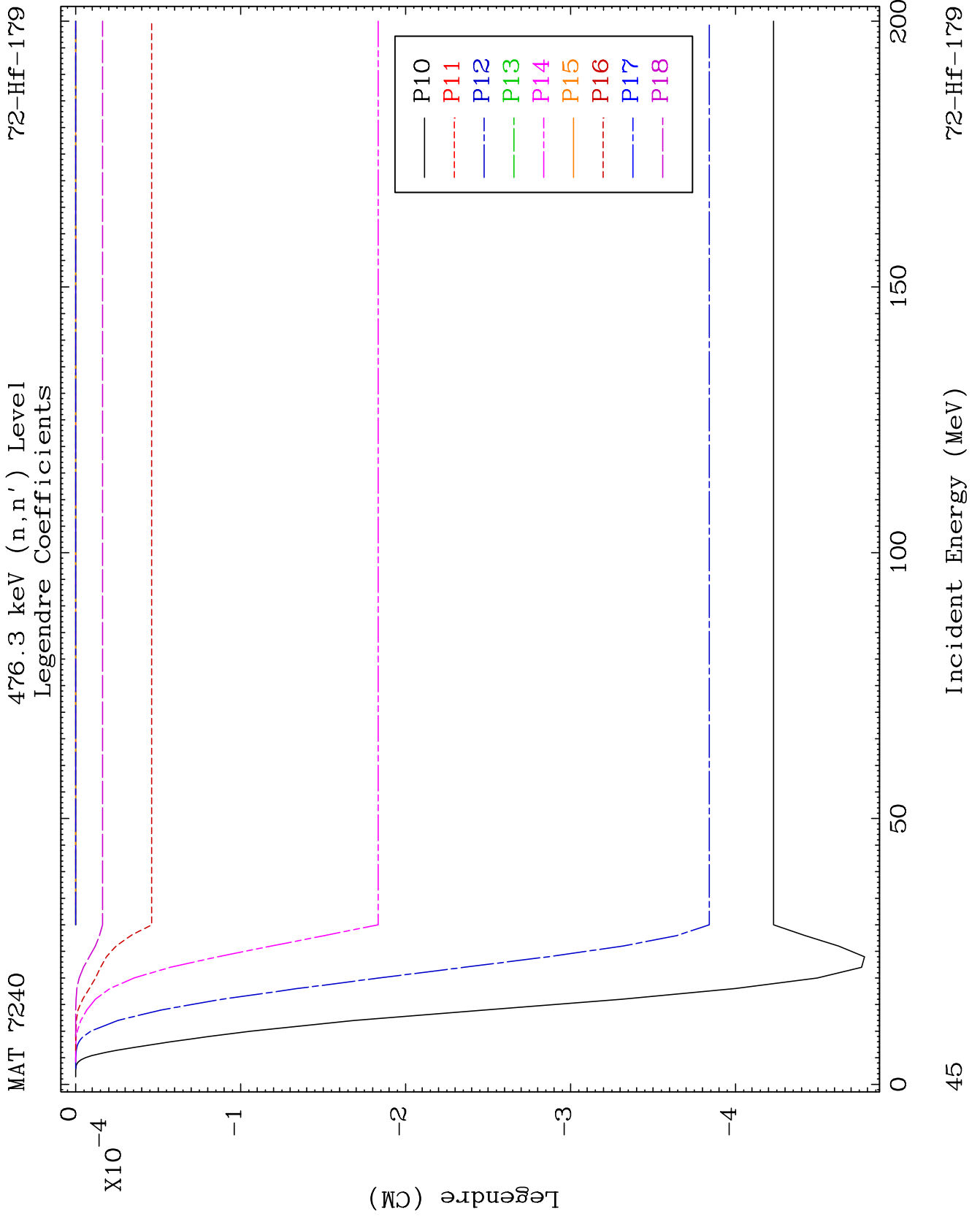
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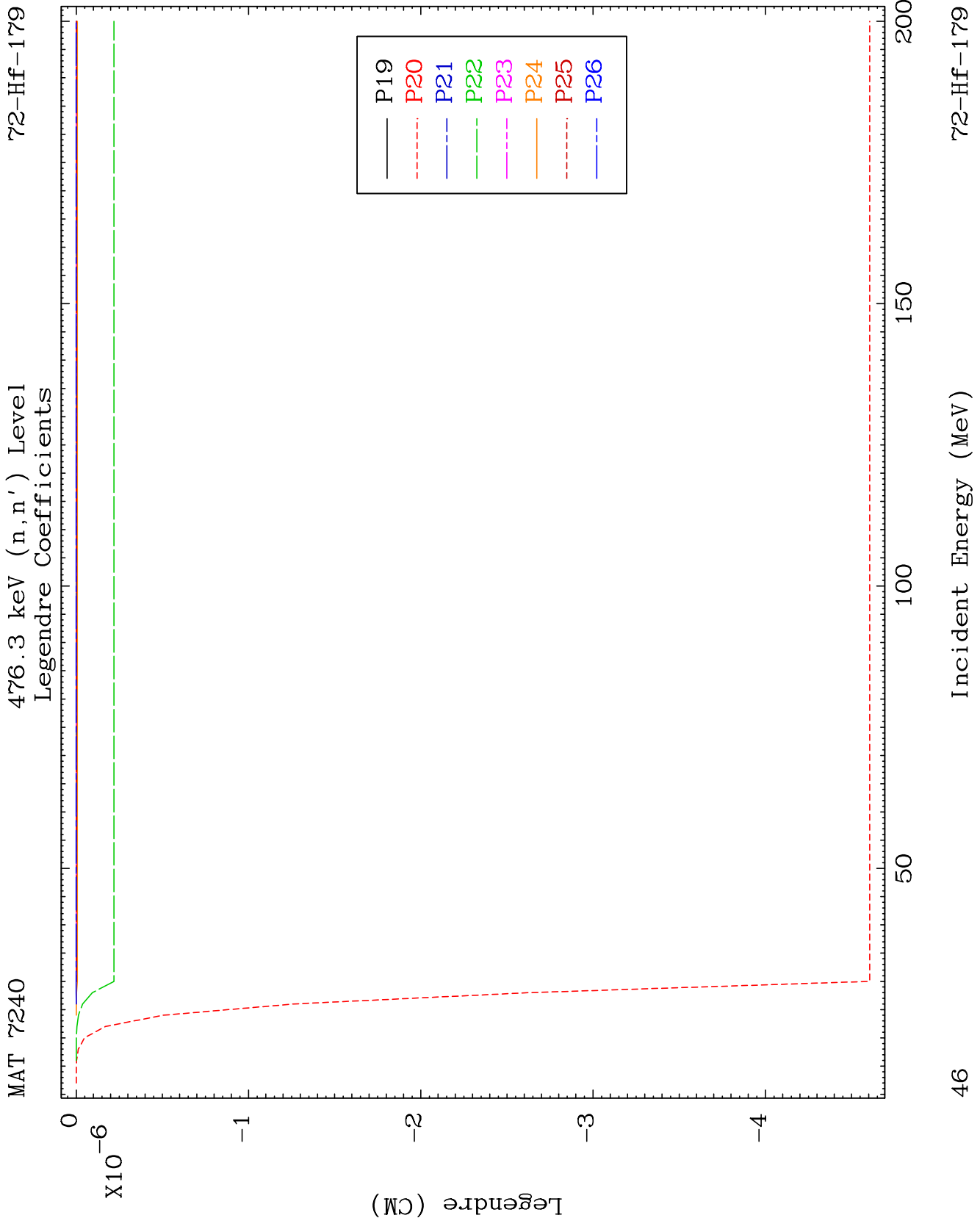


43

Incident Energy (MeV)

72-Hf-179

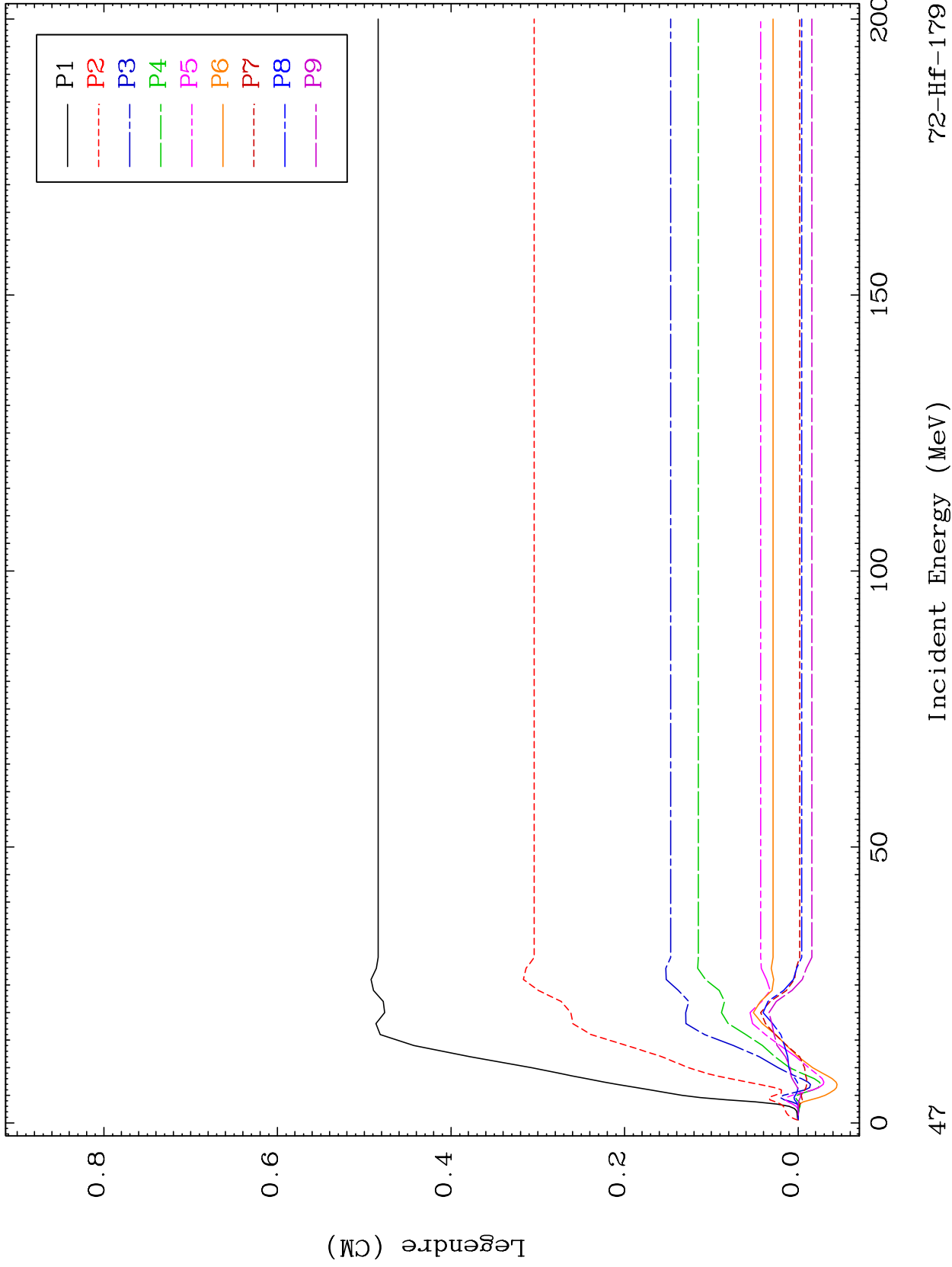


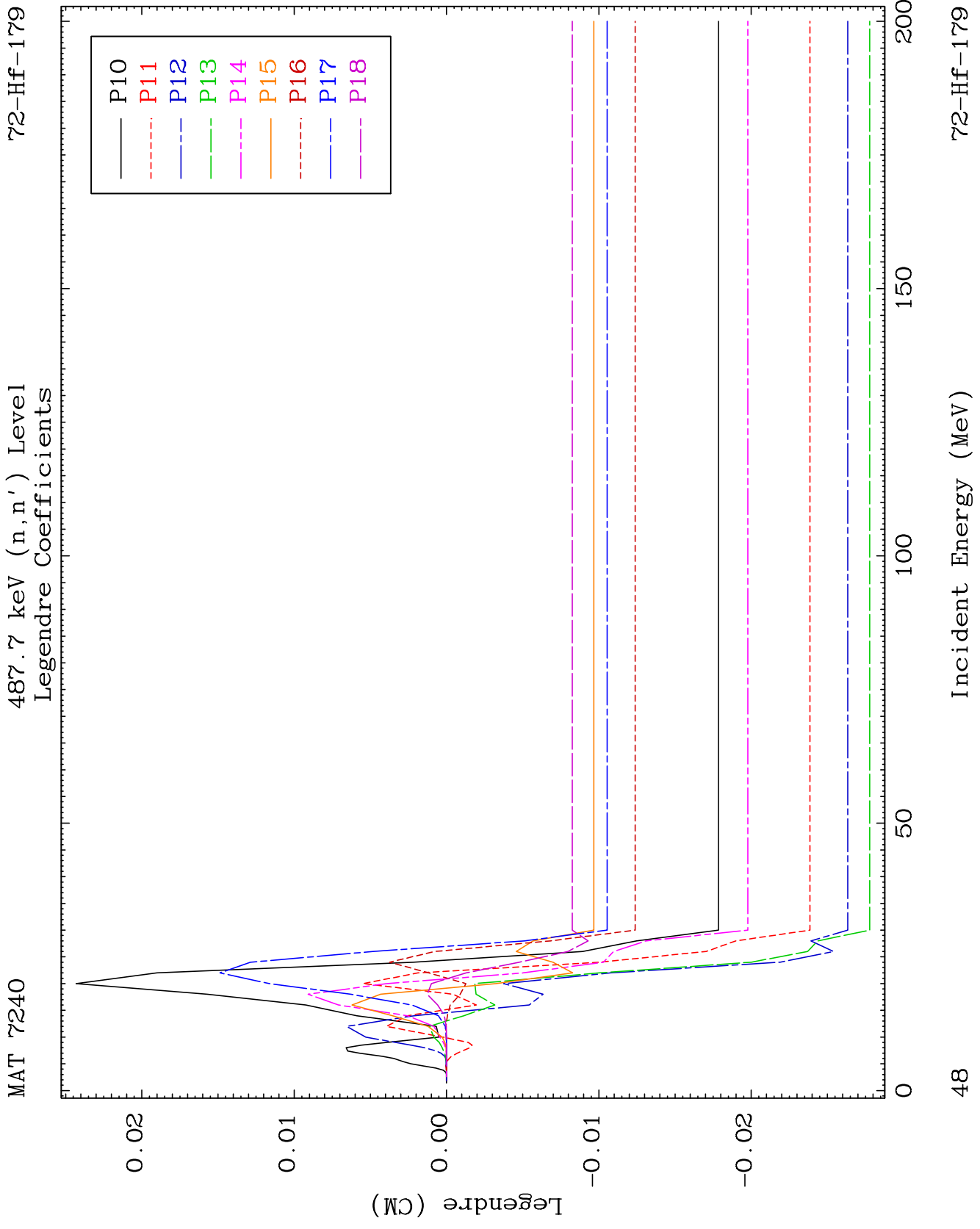


MAT 7240

487.7 keV (n,n') Level
Legendre Coefficients

72-Hf-179

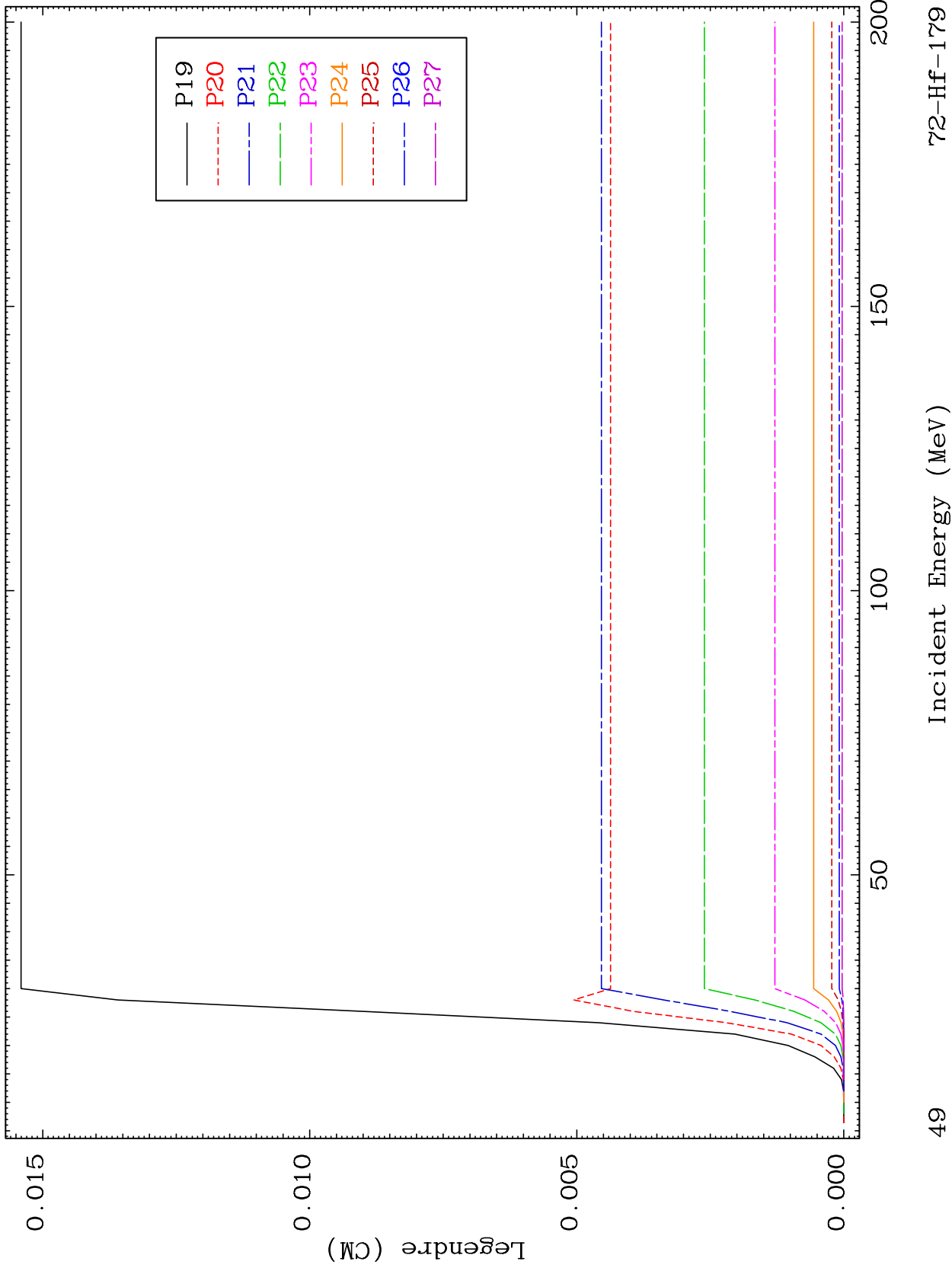




MAT 7240

487.7 keV (n, n') Level
Legendre Coefficients

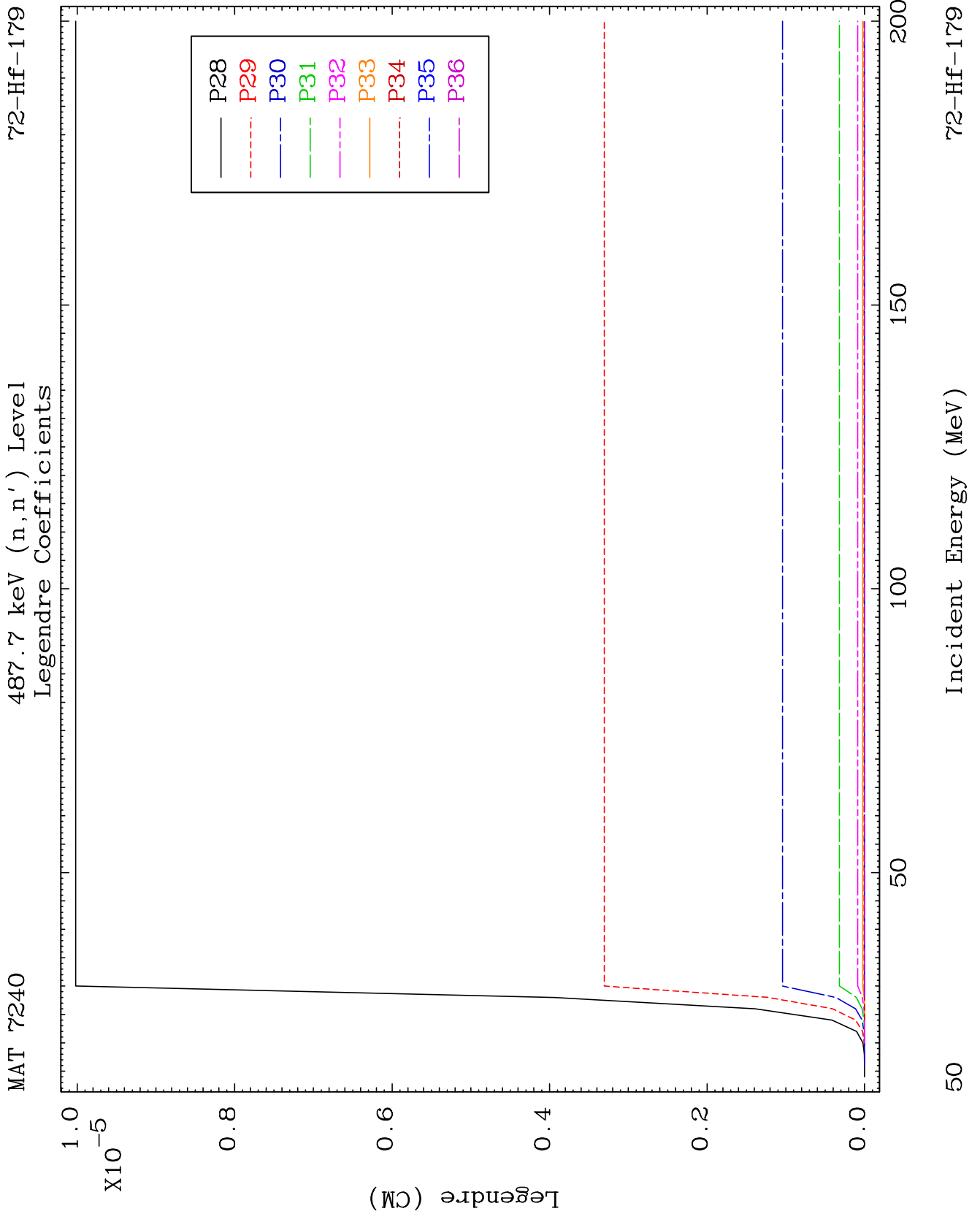
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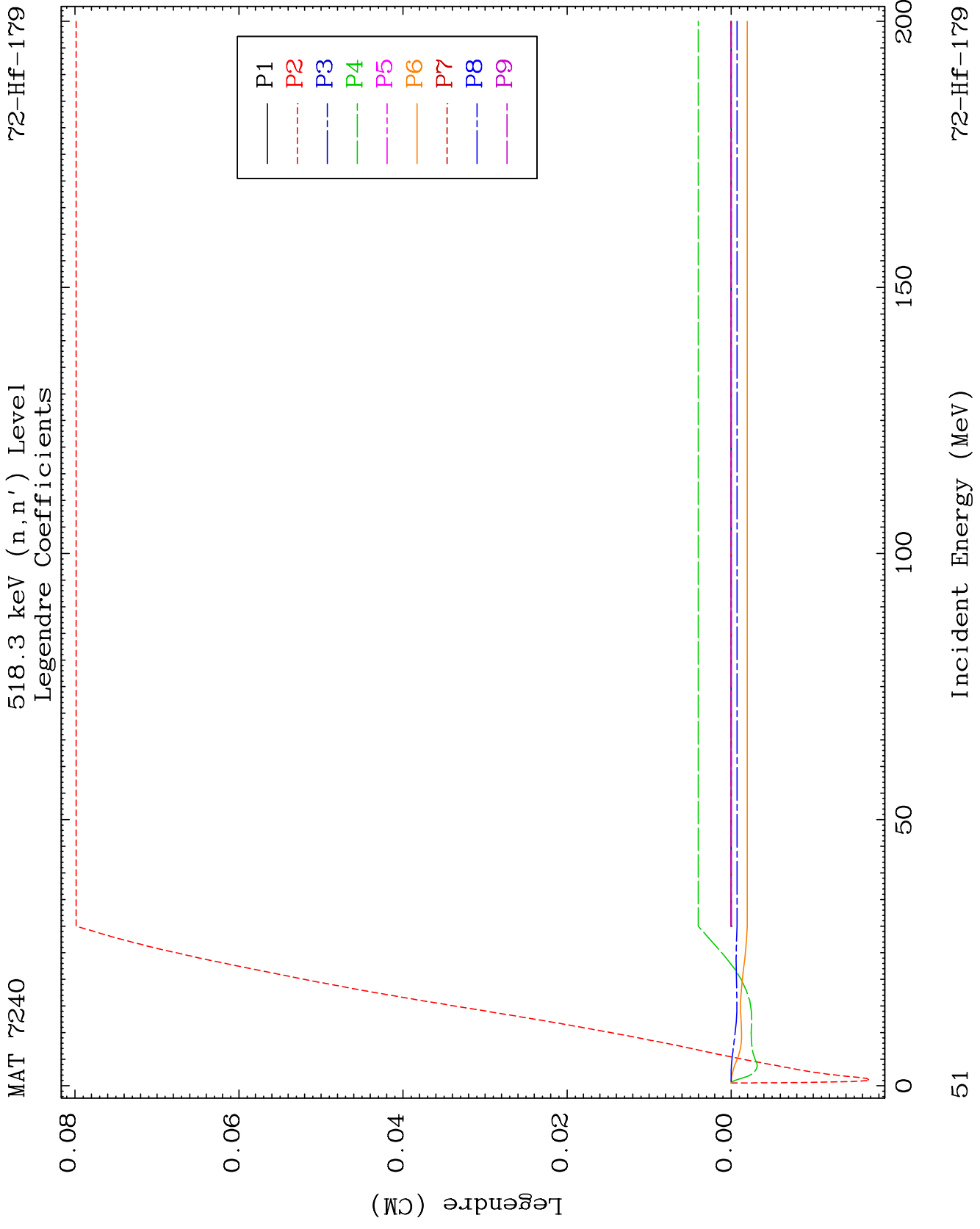


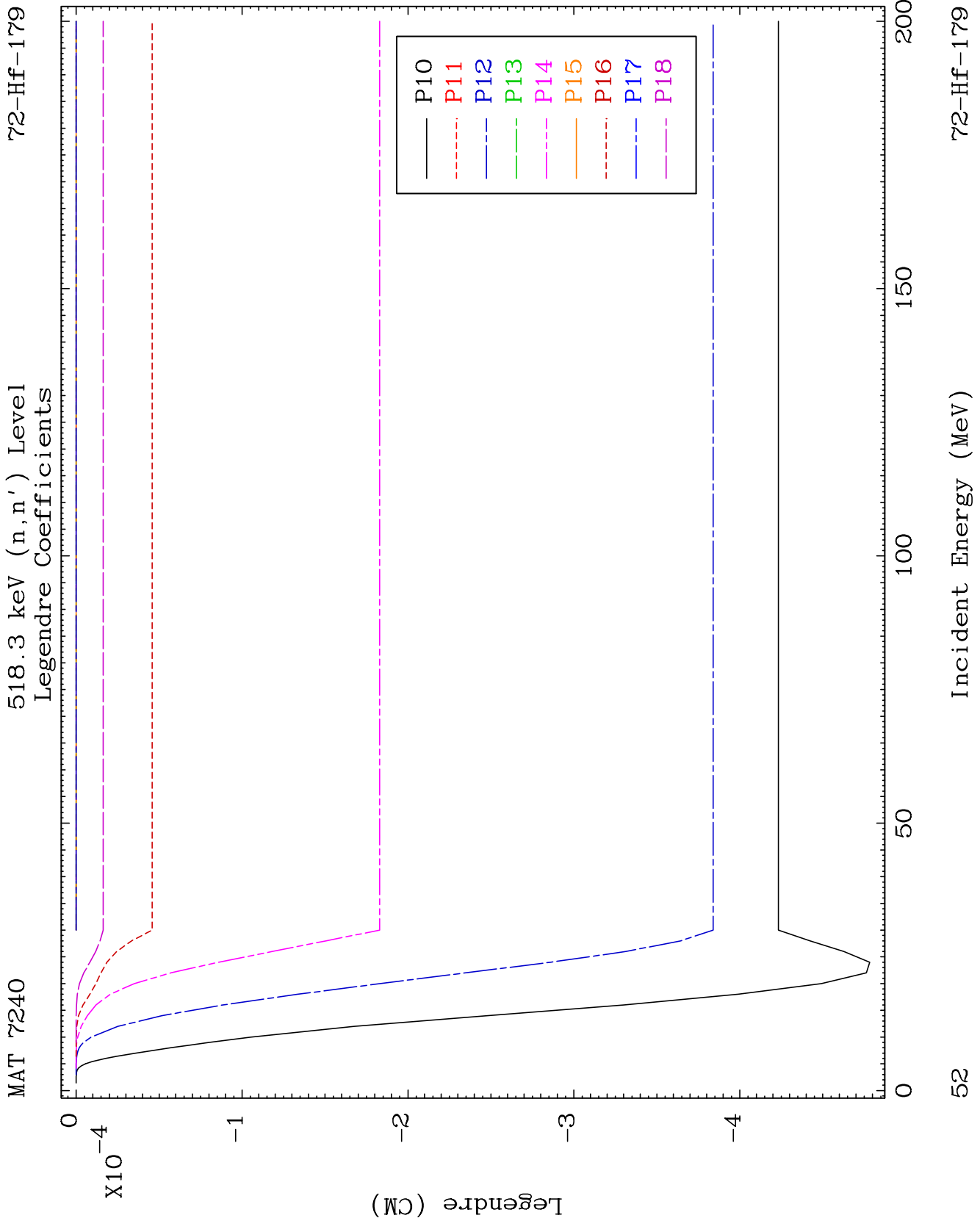
49

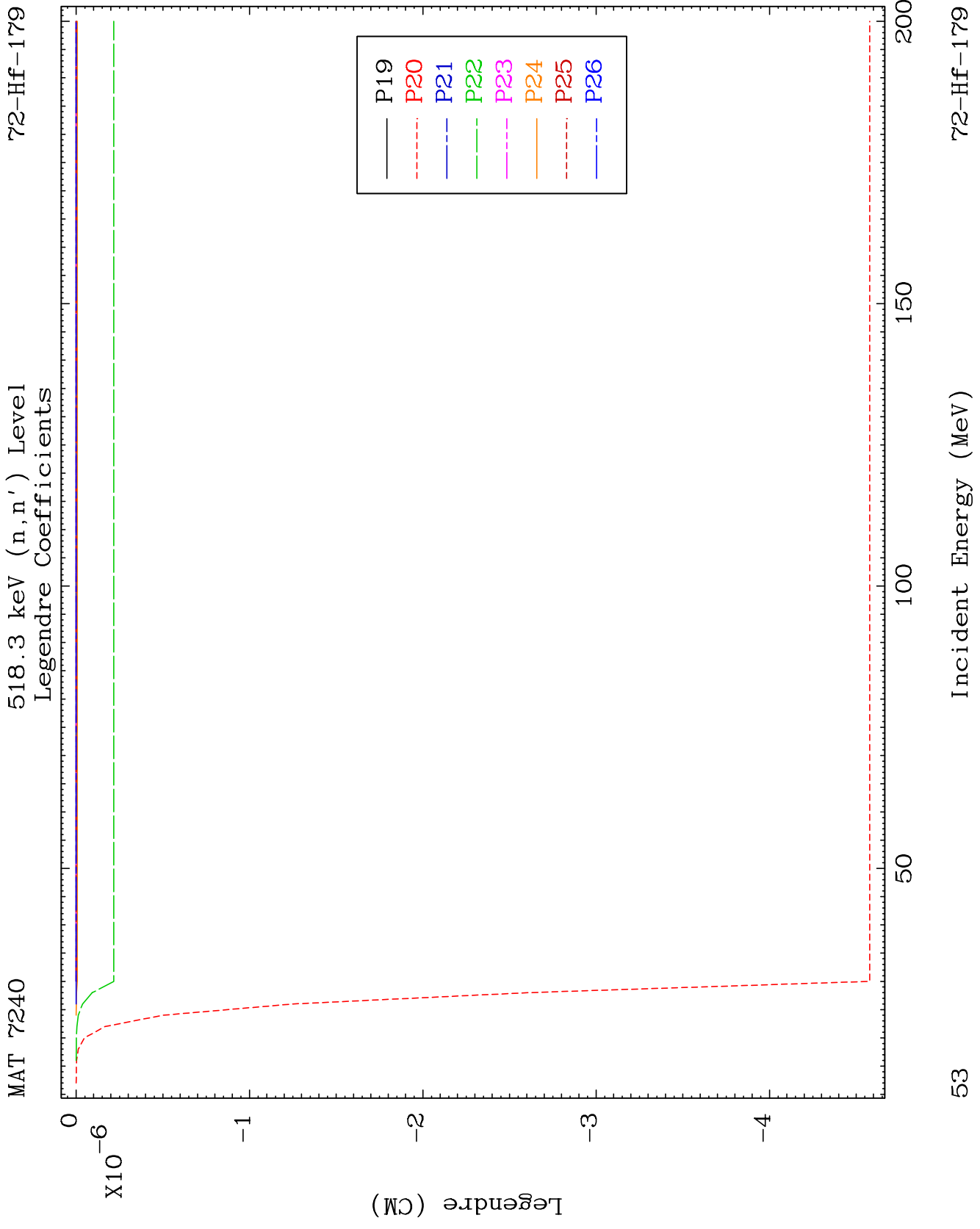
Incident Energy (MeV)

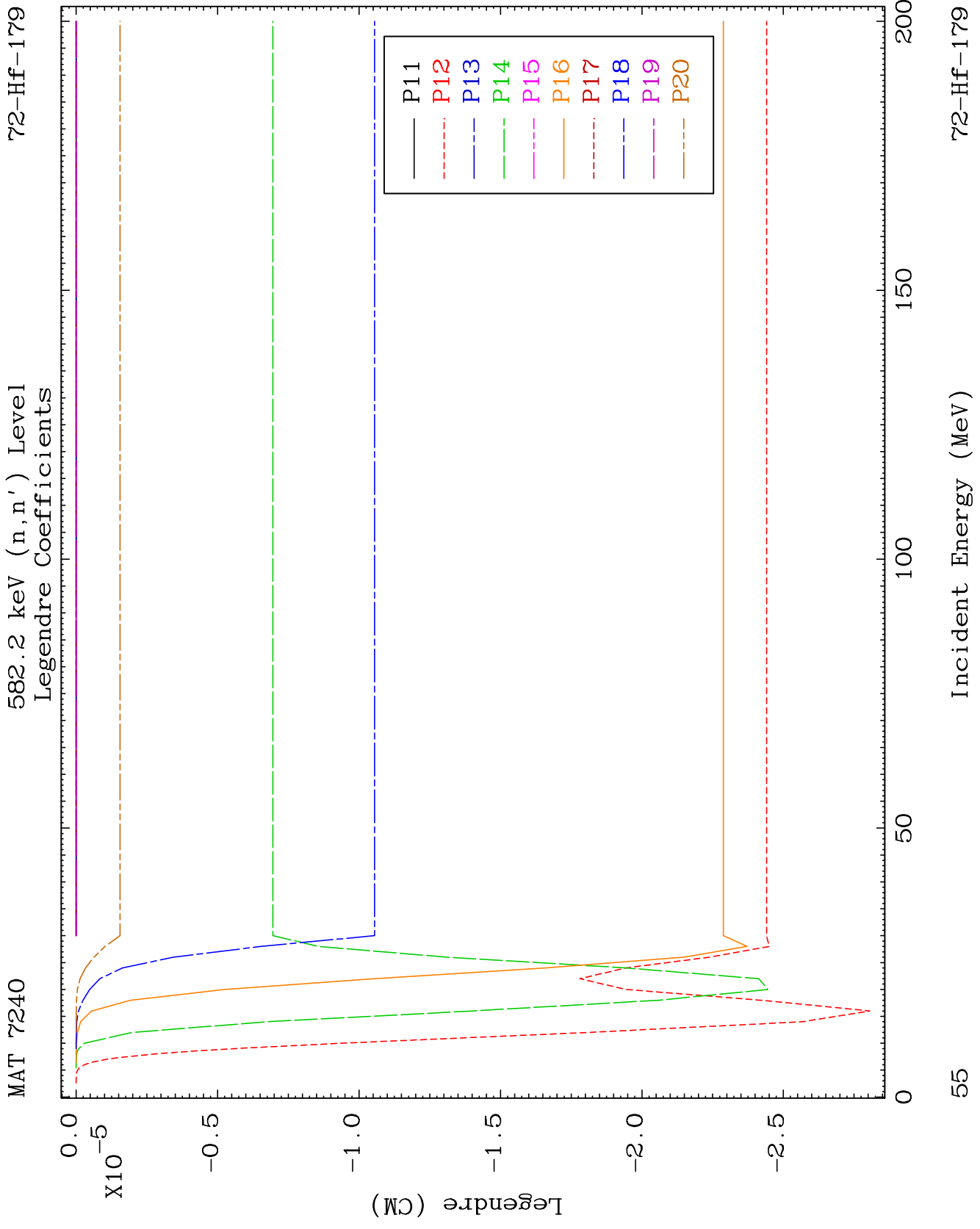
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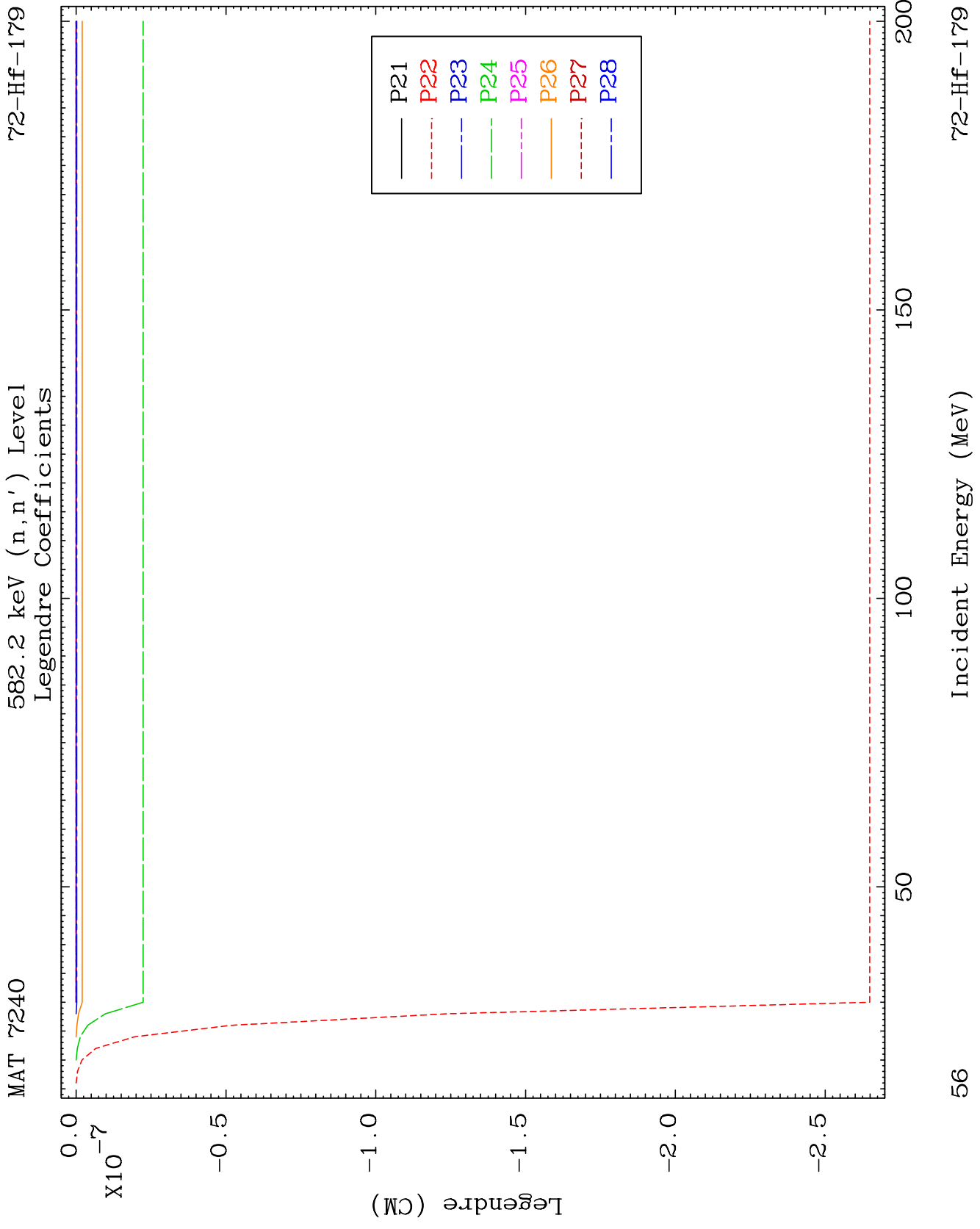


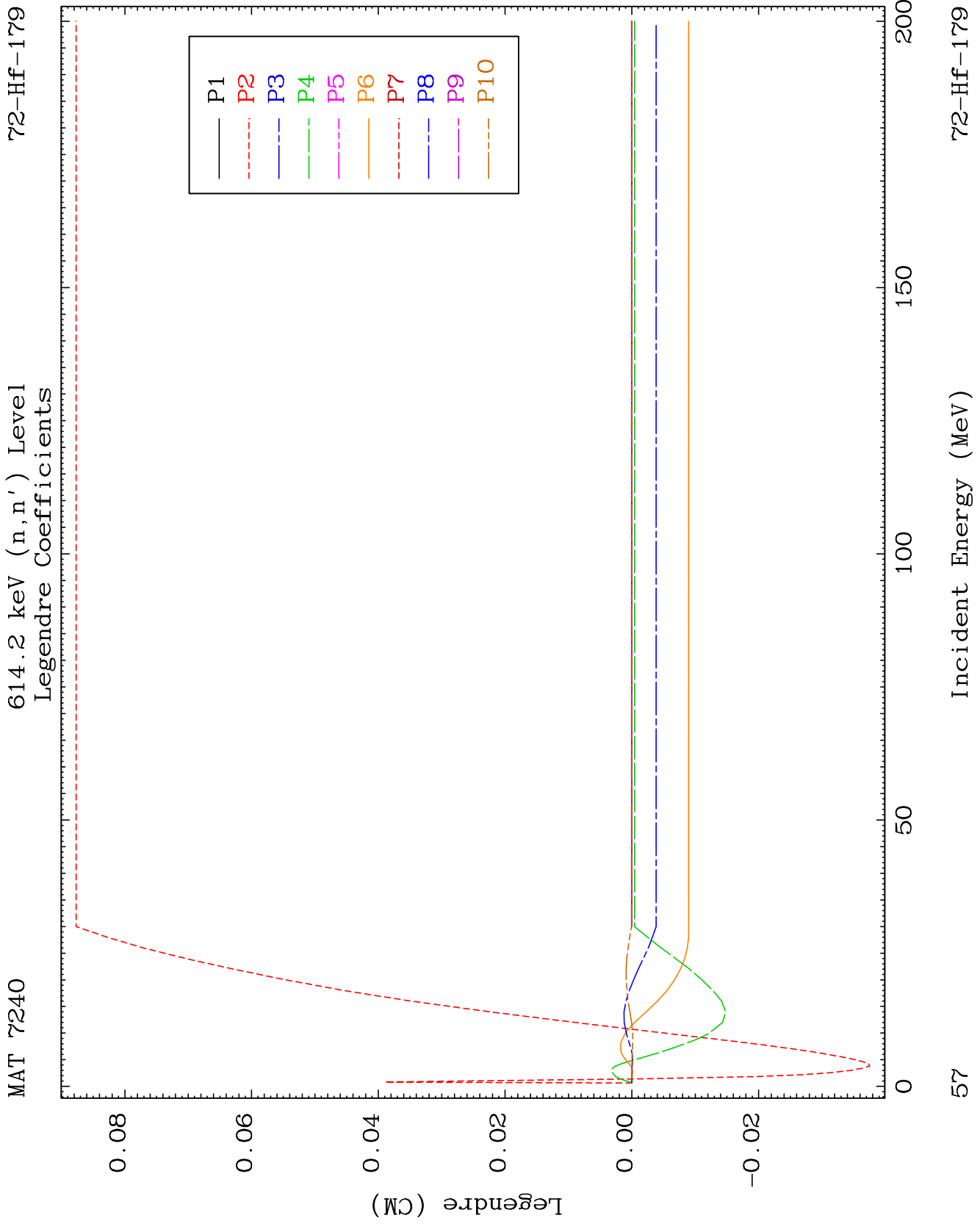


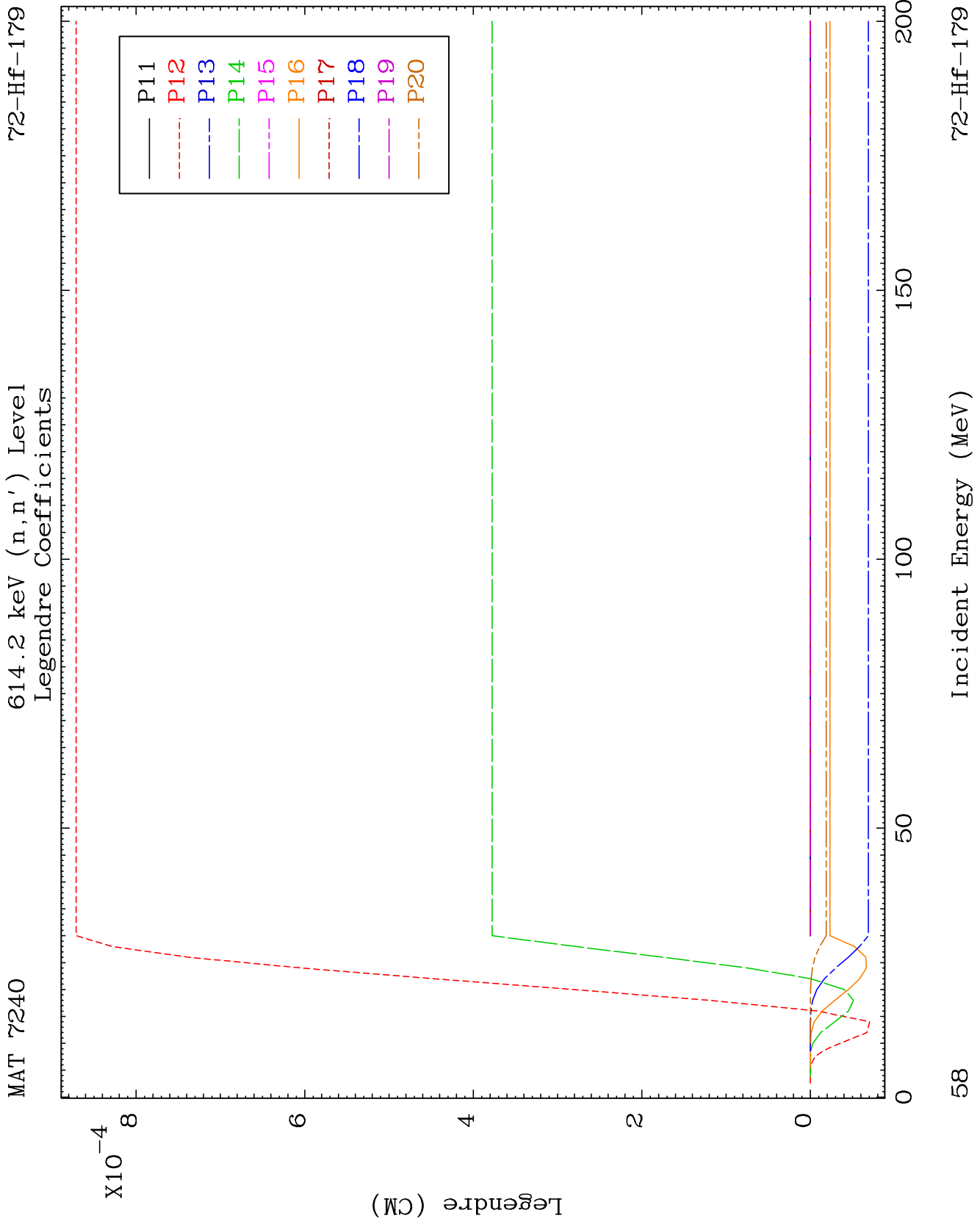


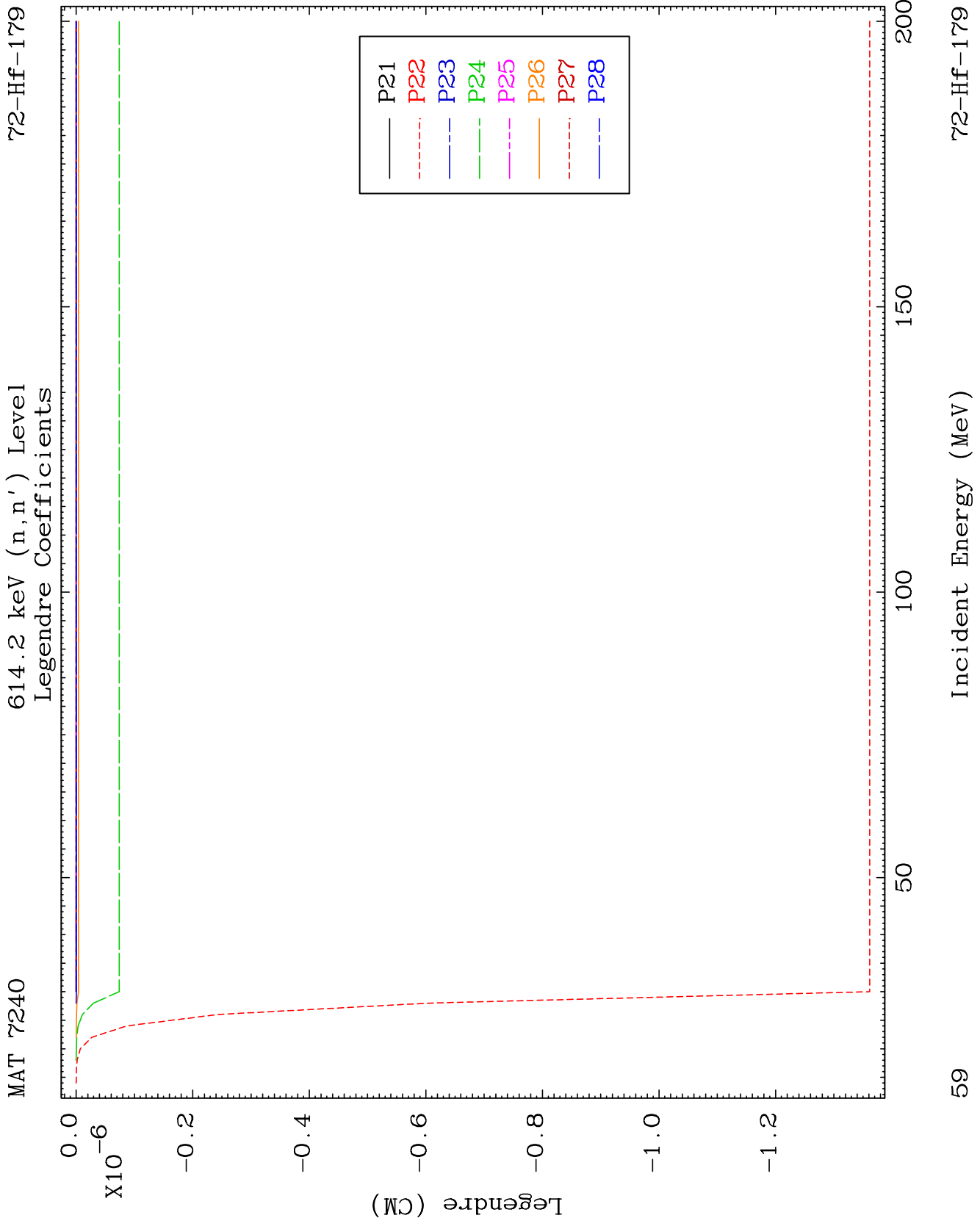


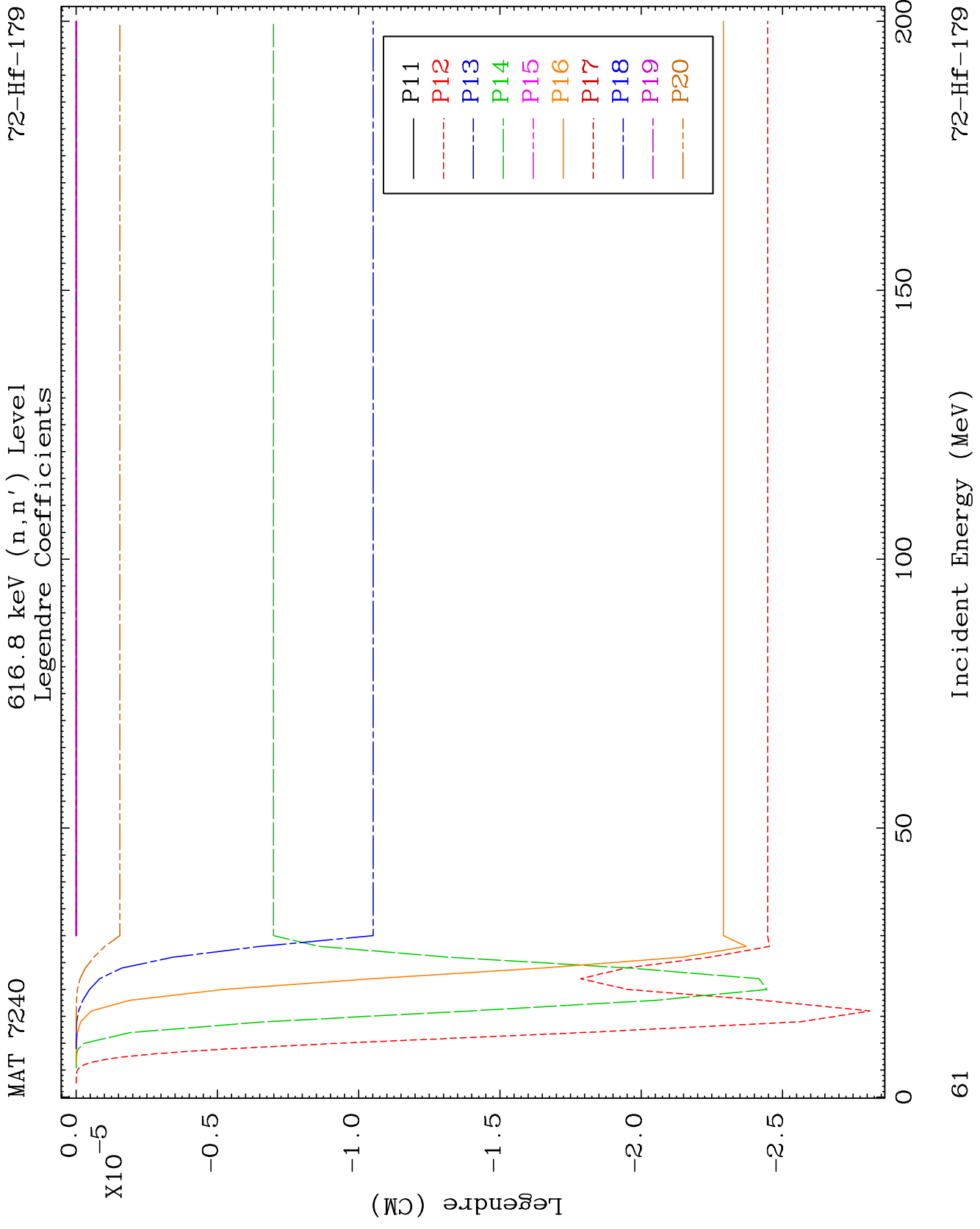








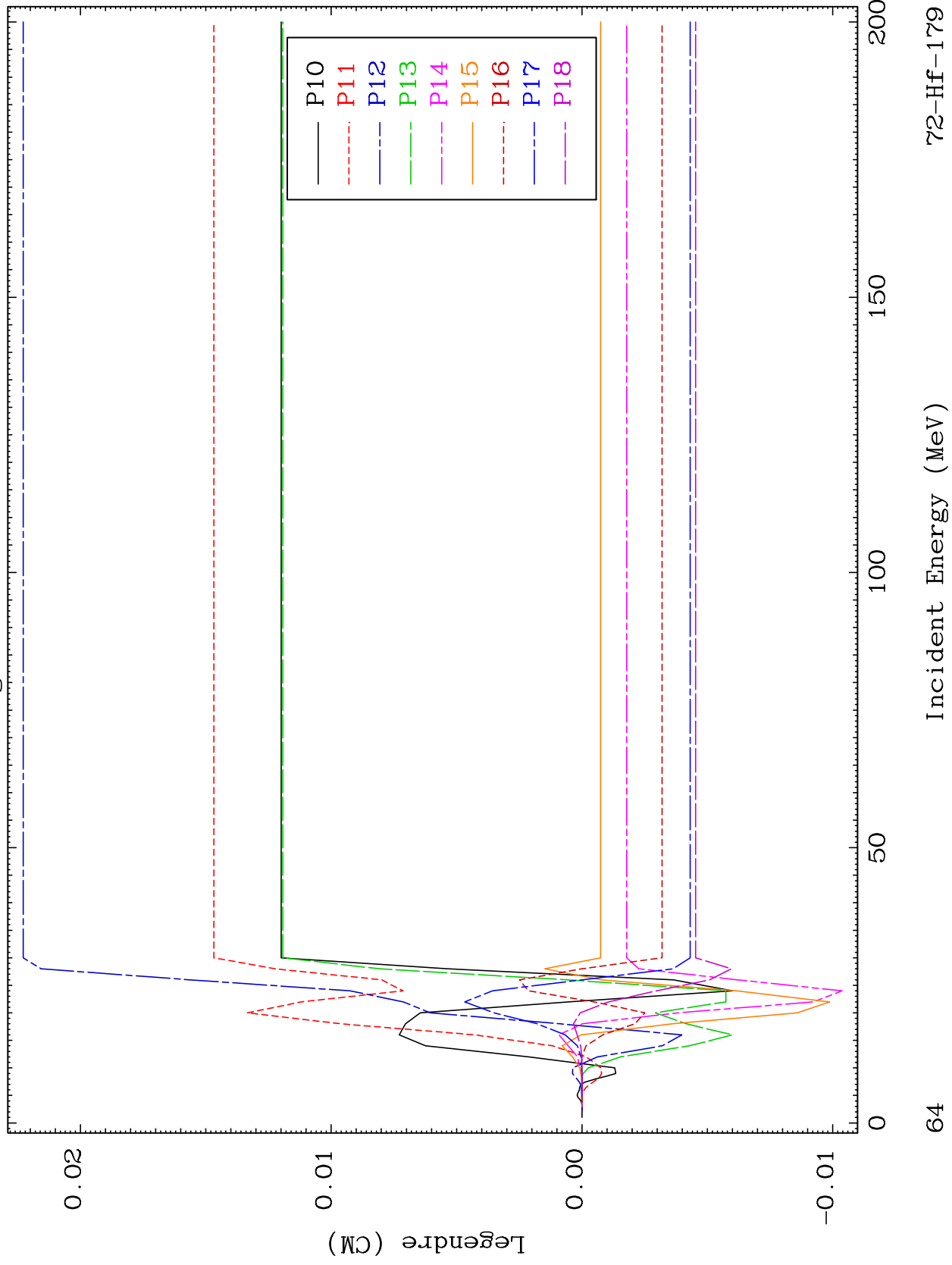




MAT 7240

631.3 keV (n,n') Level
Legendre Coefficients

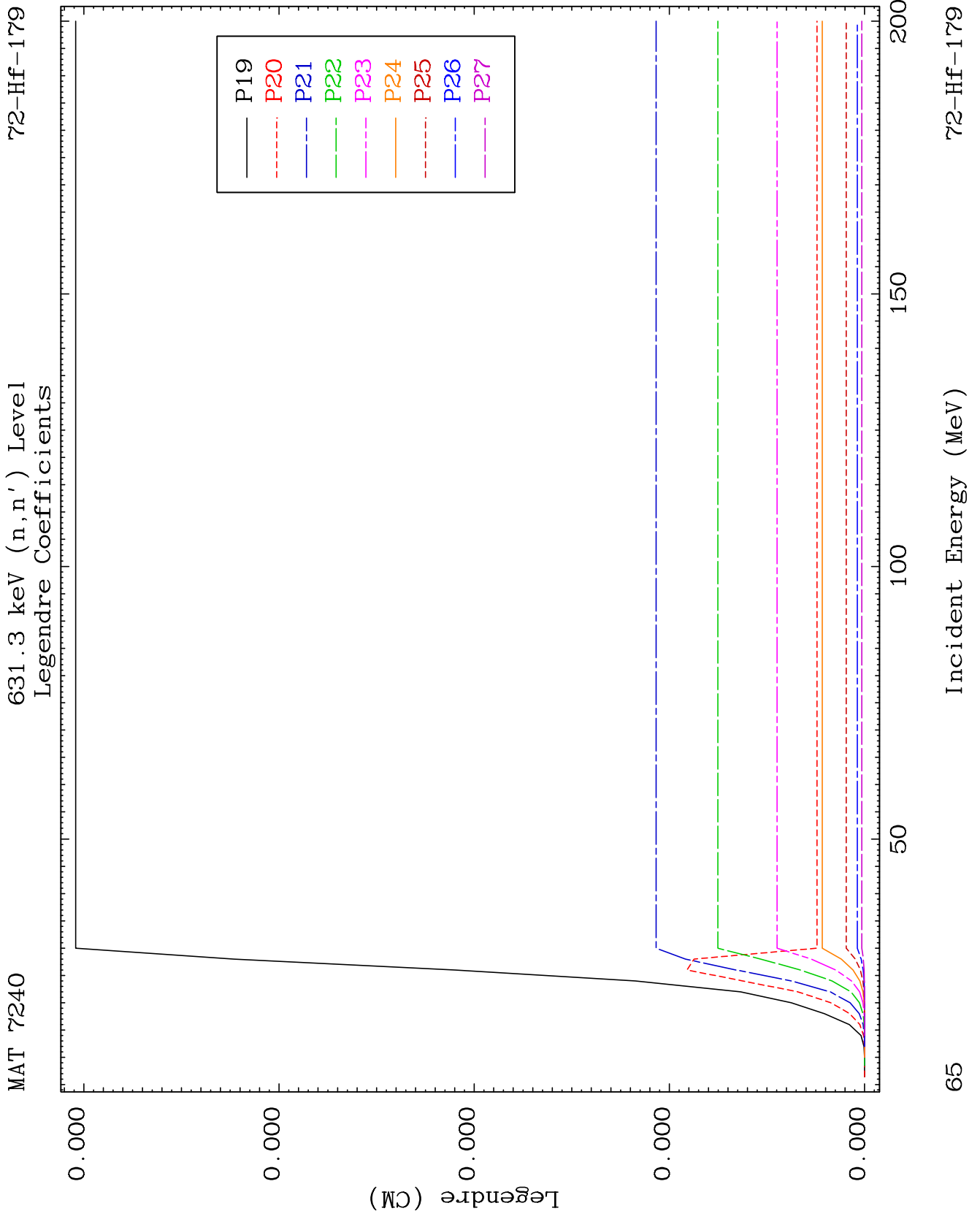
72-Hf-179

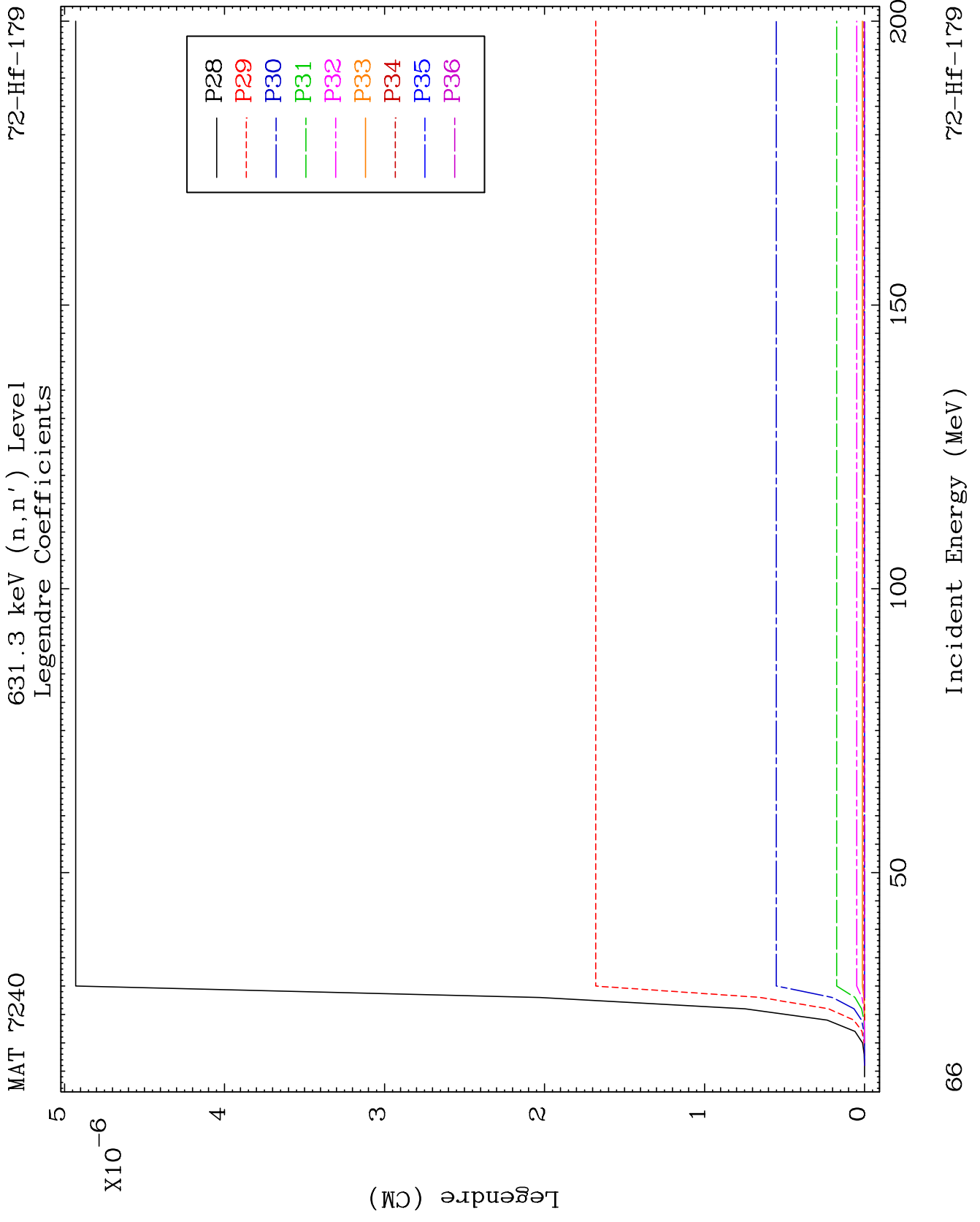


64

Incident Energy (MeV)

72-Hf-179

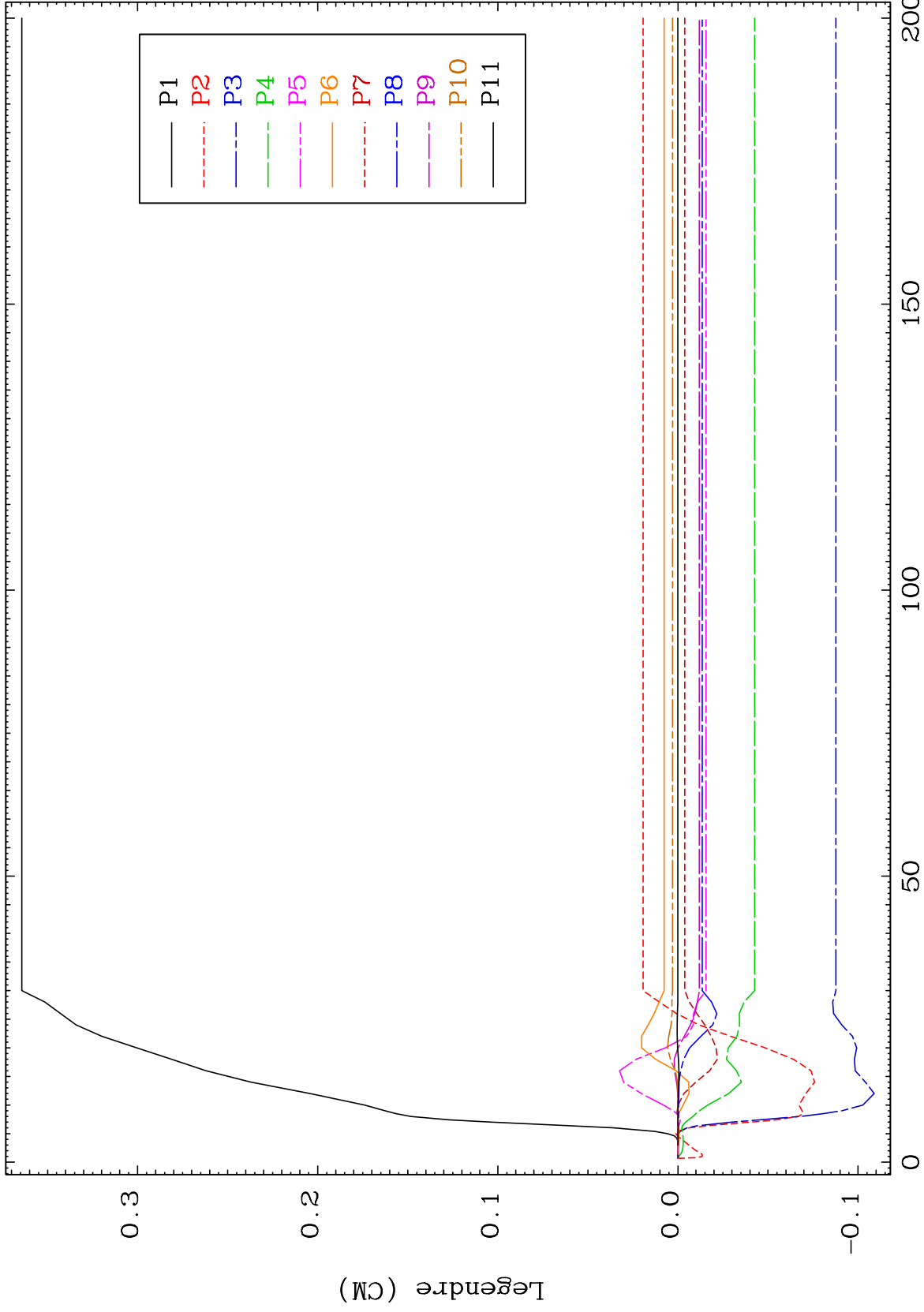




MAT 7240

664.3 keV (n,n') Level
Legendre Coefficients

72-Hf-179



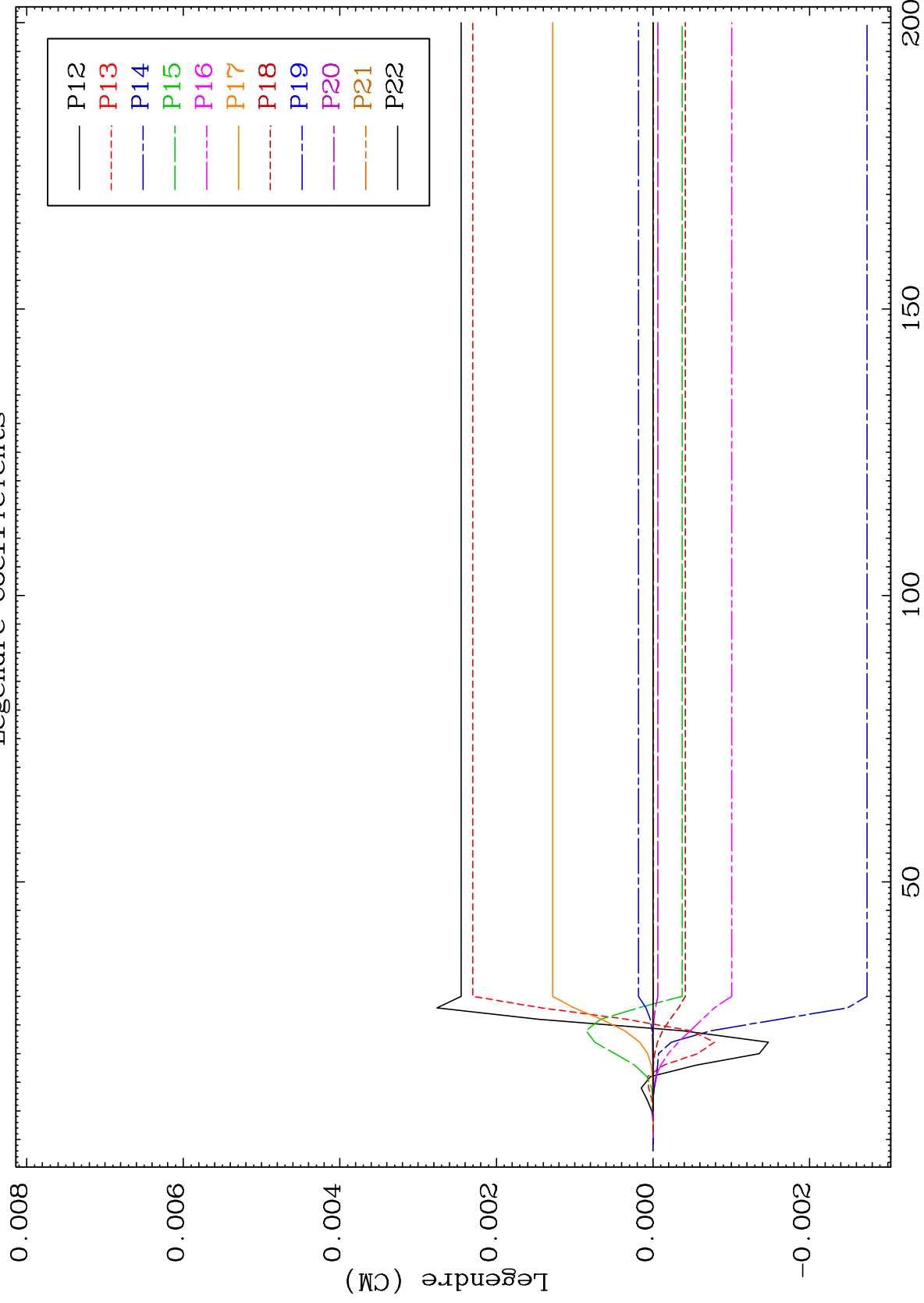
67

72-Hf-179

MAT 7240

664.3 keV (n,n') Level
Legendre Coefficients

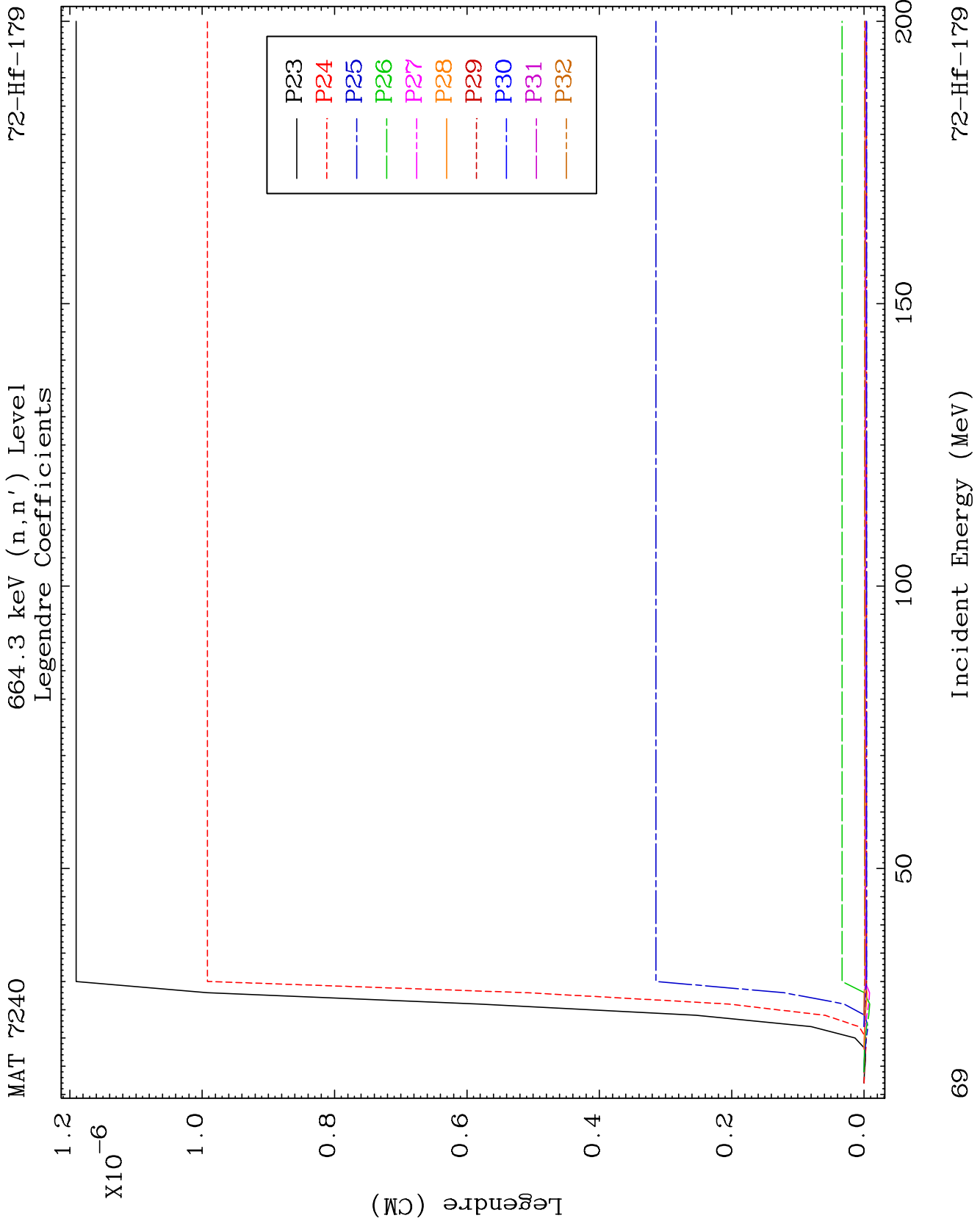
72-Hf-179



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Incident Energy (MeV)

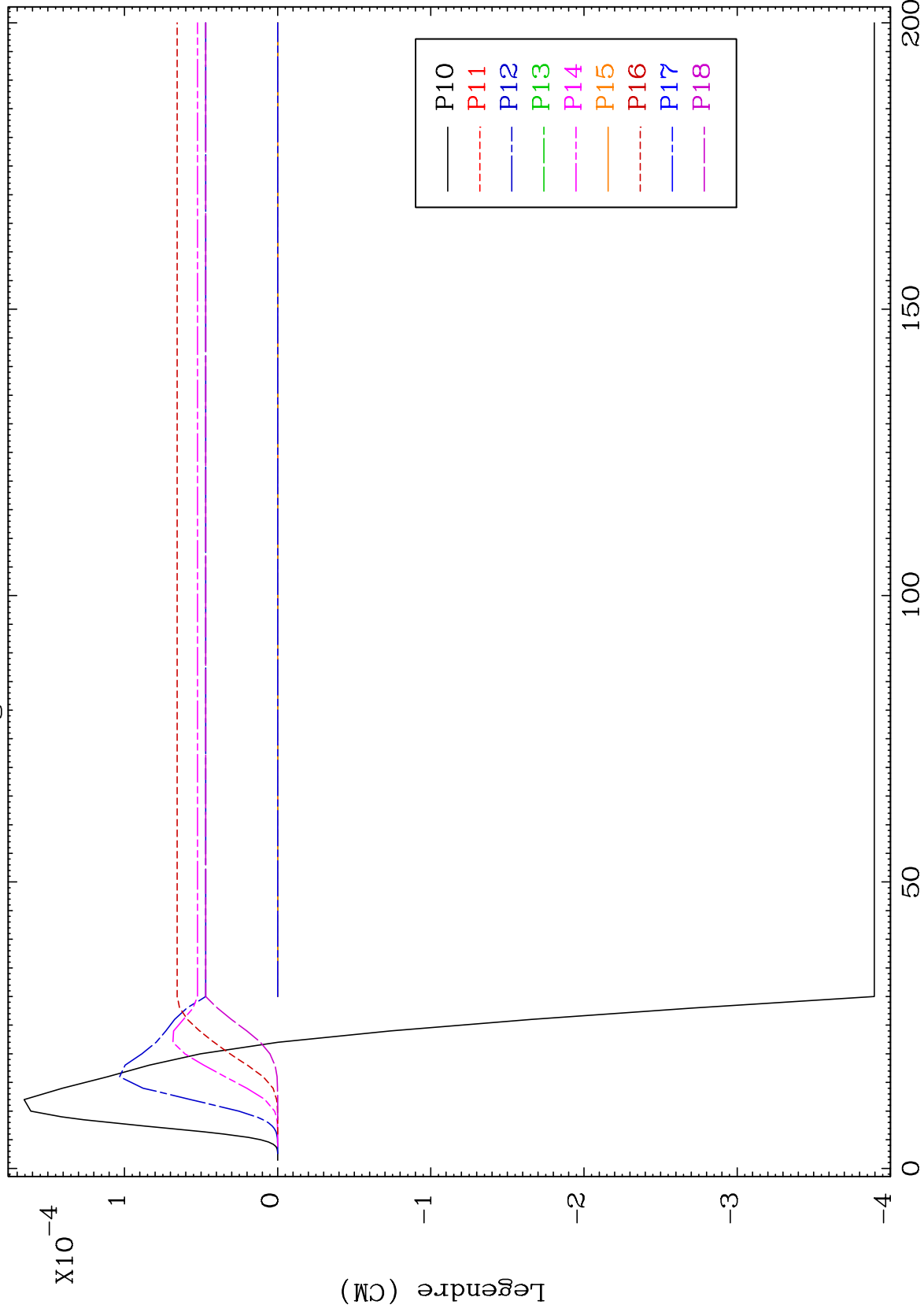
72-Hf-179



MAT 7240

679.5 keV (n,n') Level
Legendre Coefficients

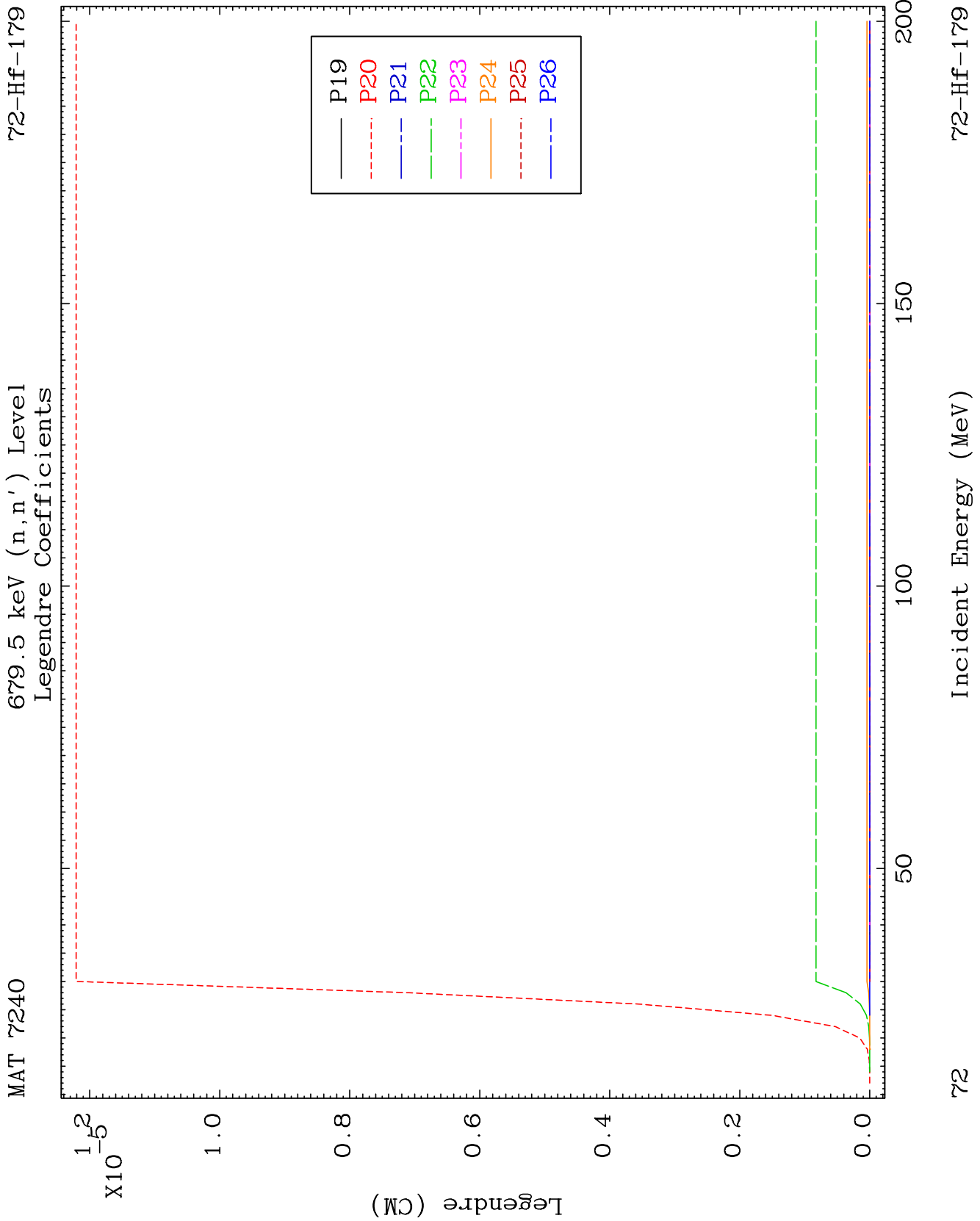
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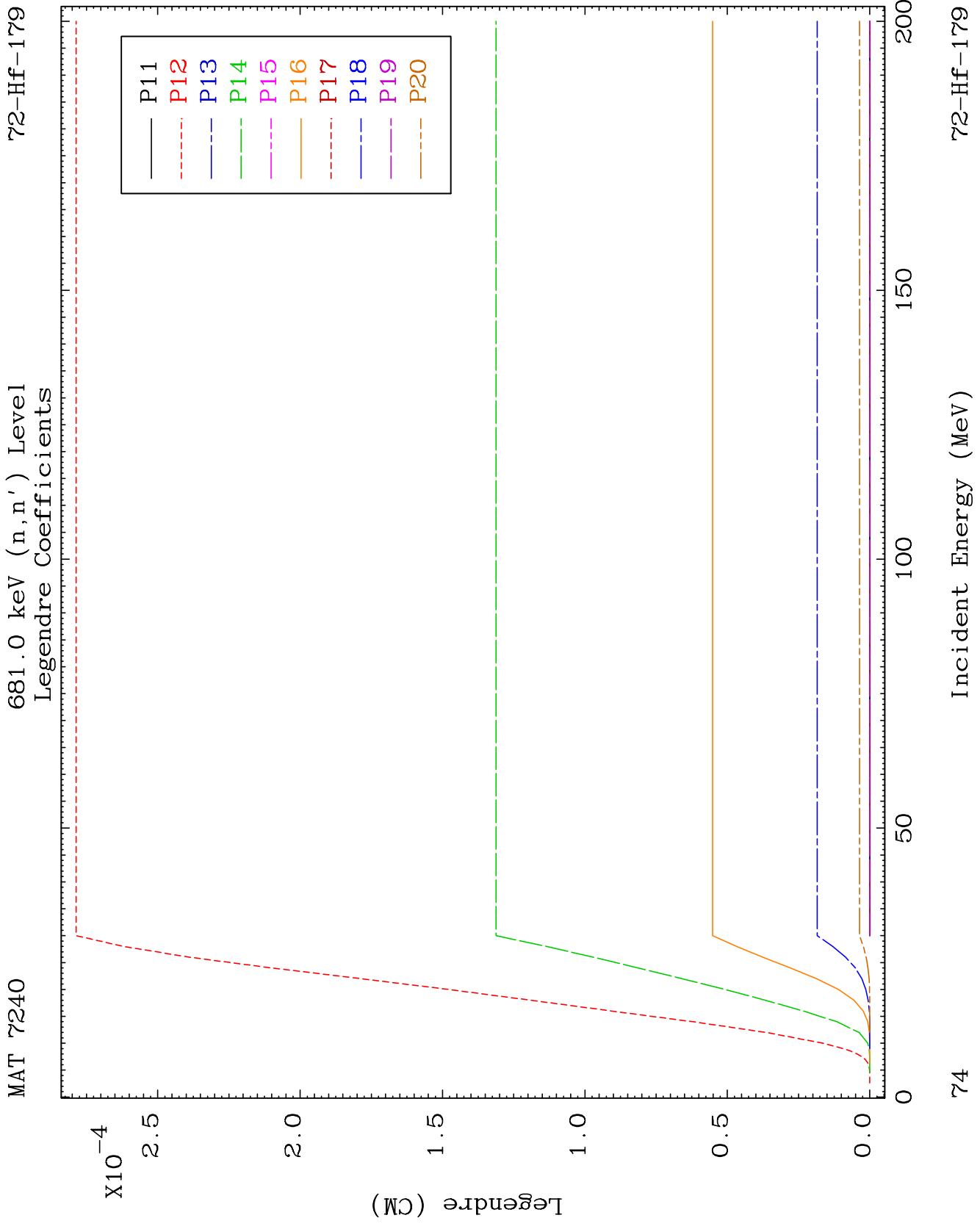


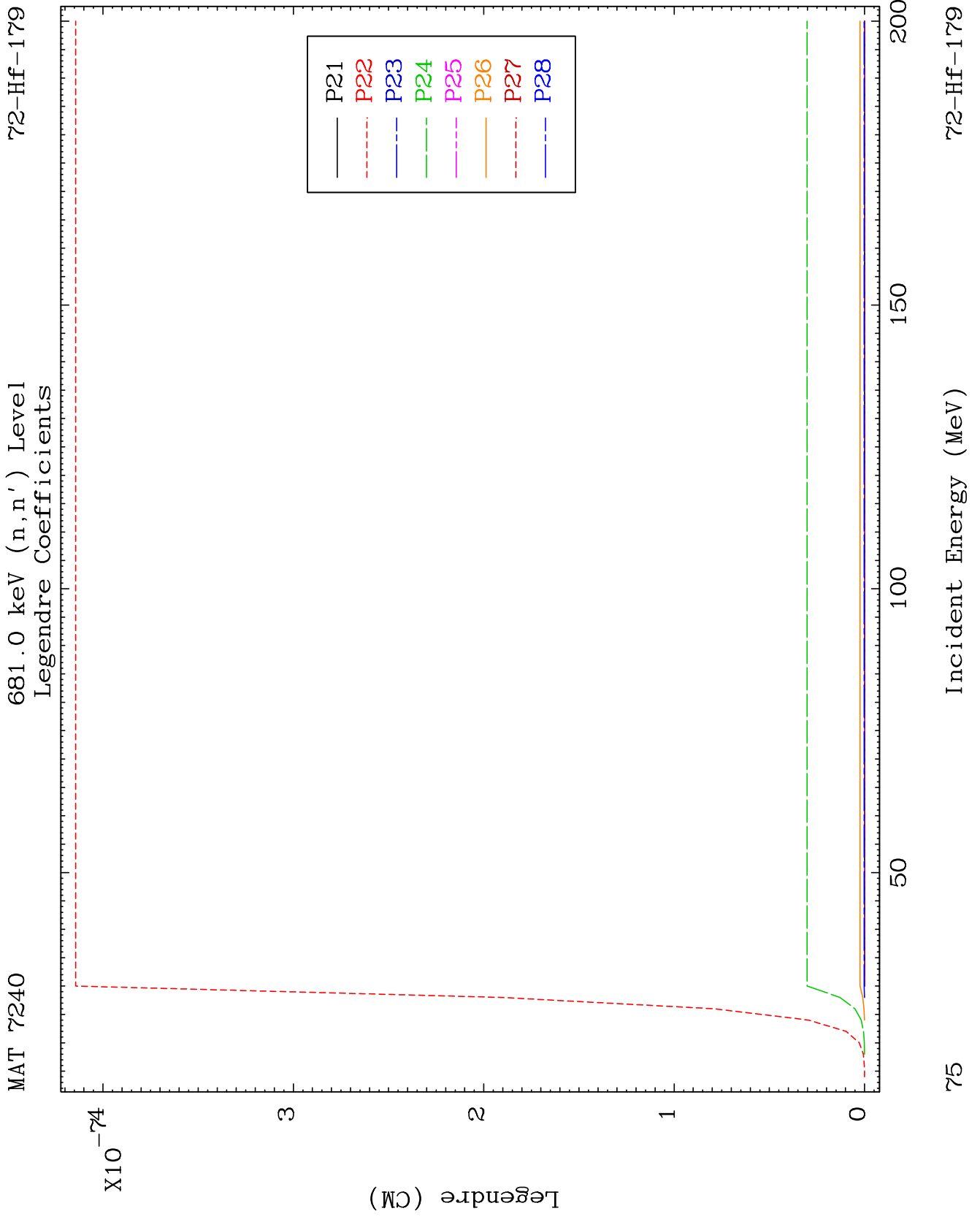
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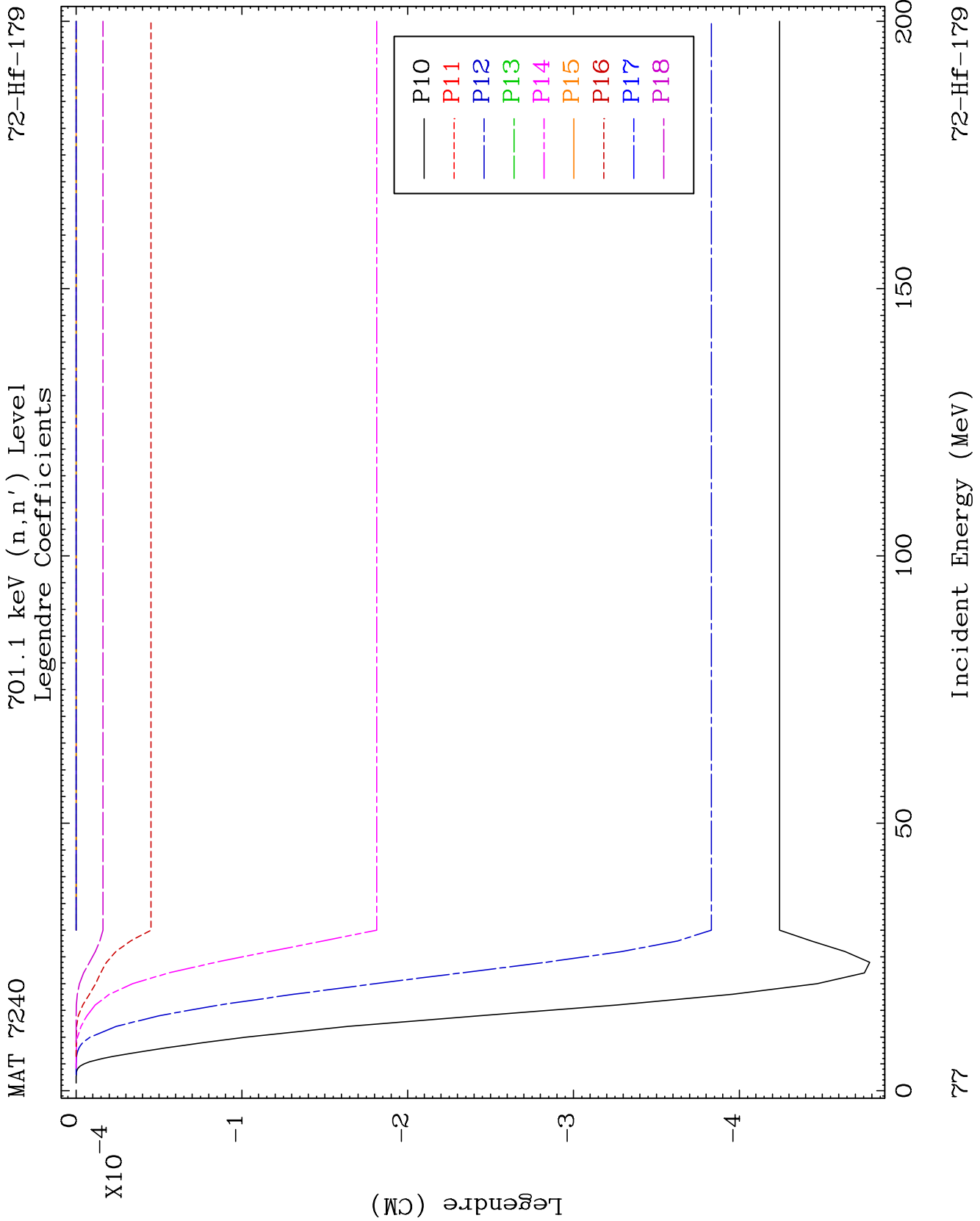
Incident Energy (MeV)

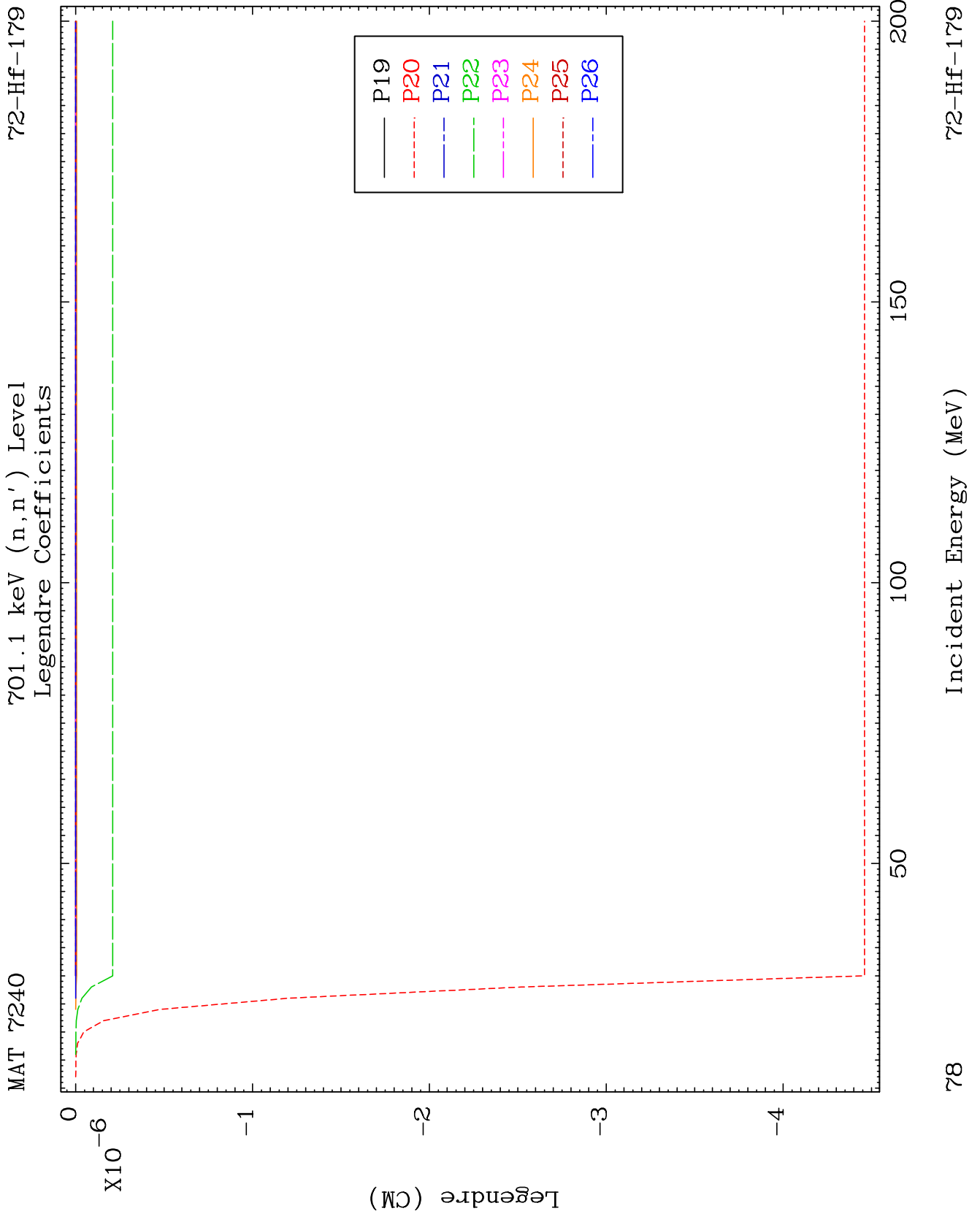
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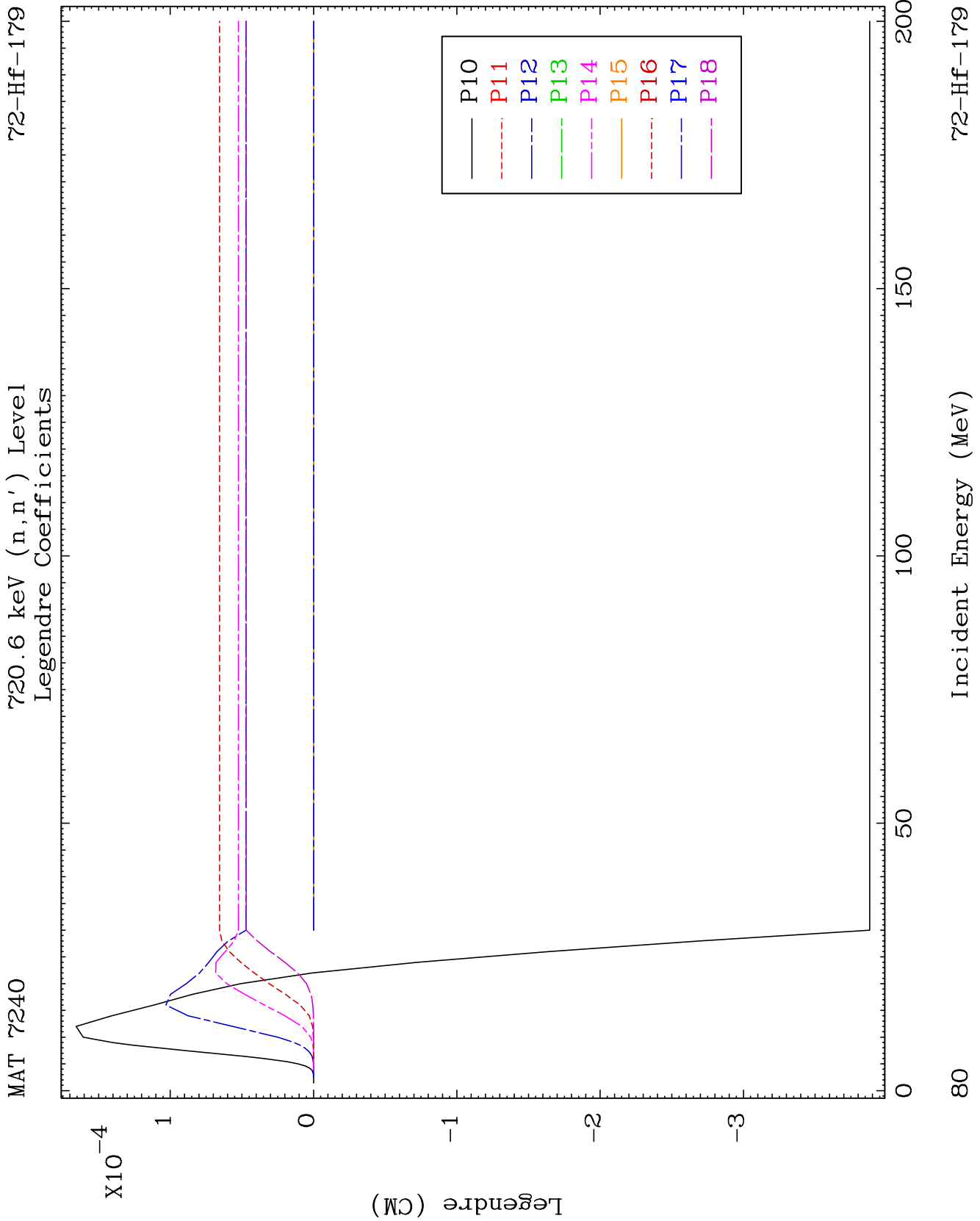


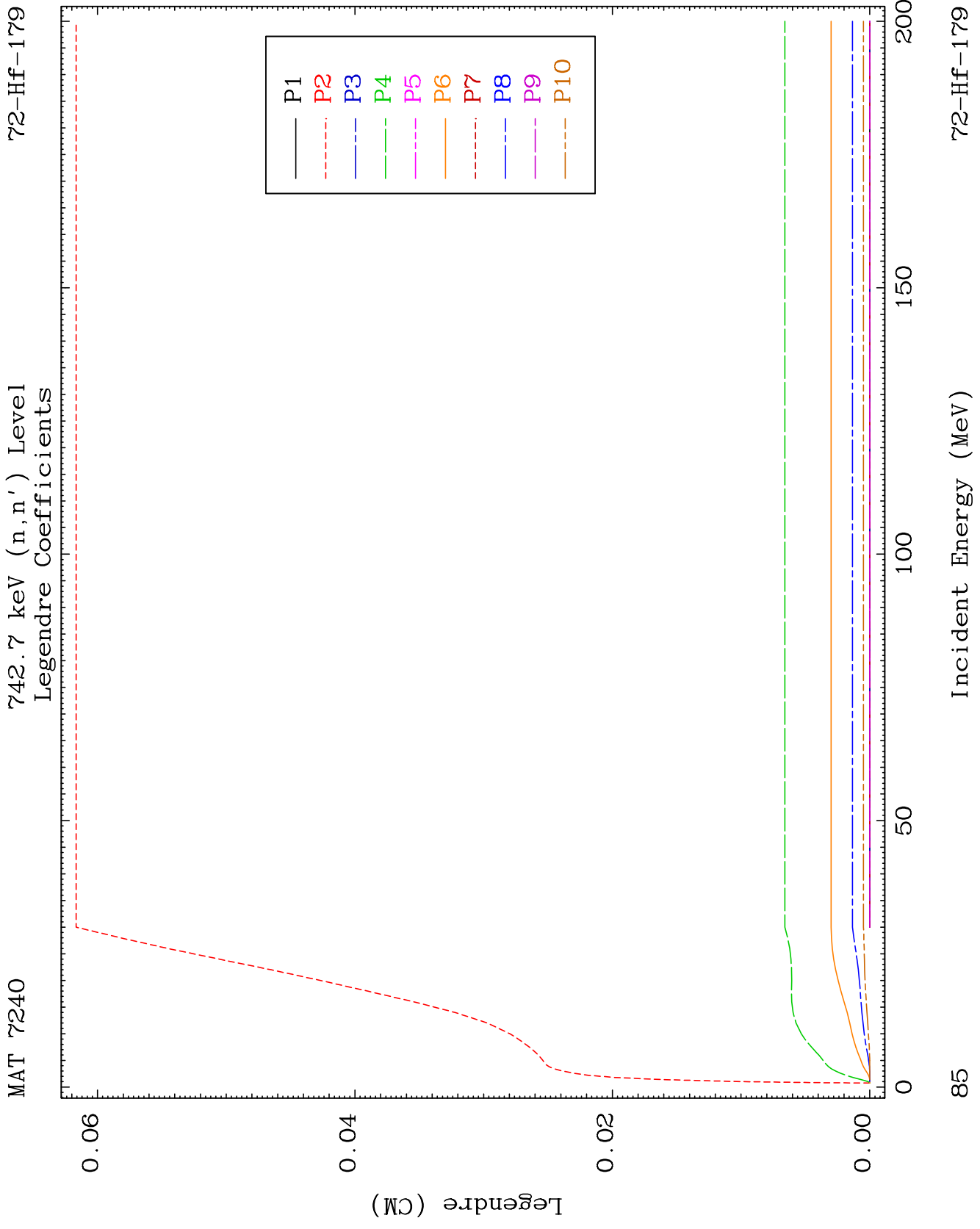


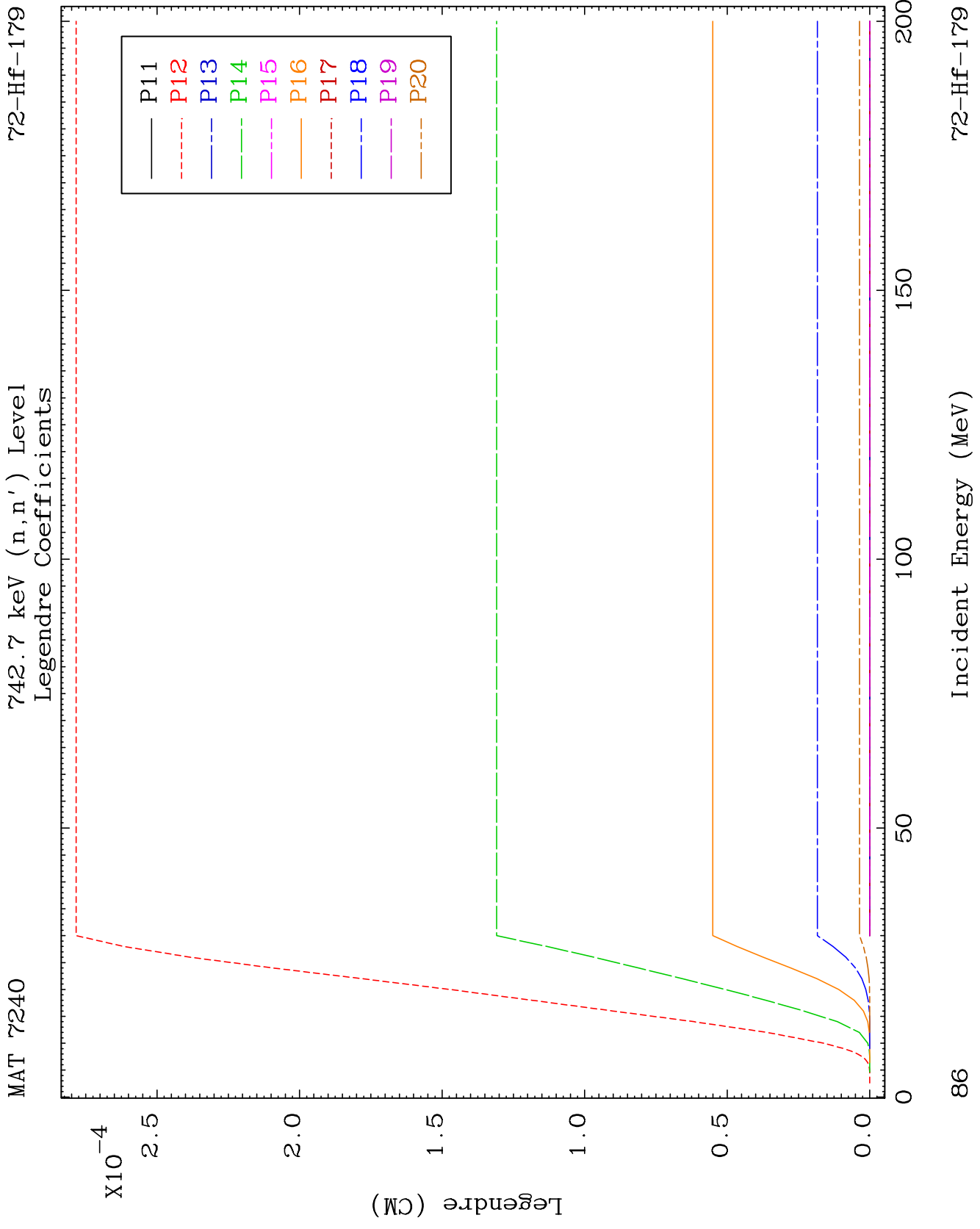


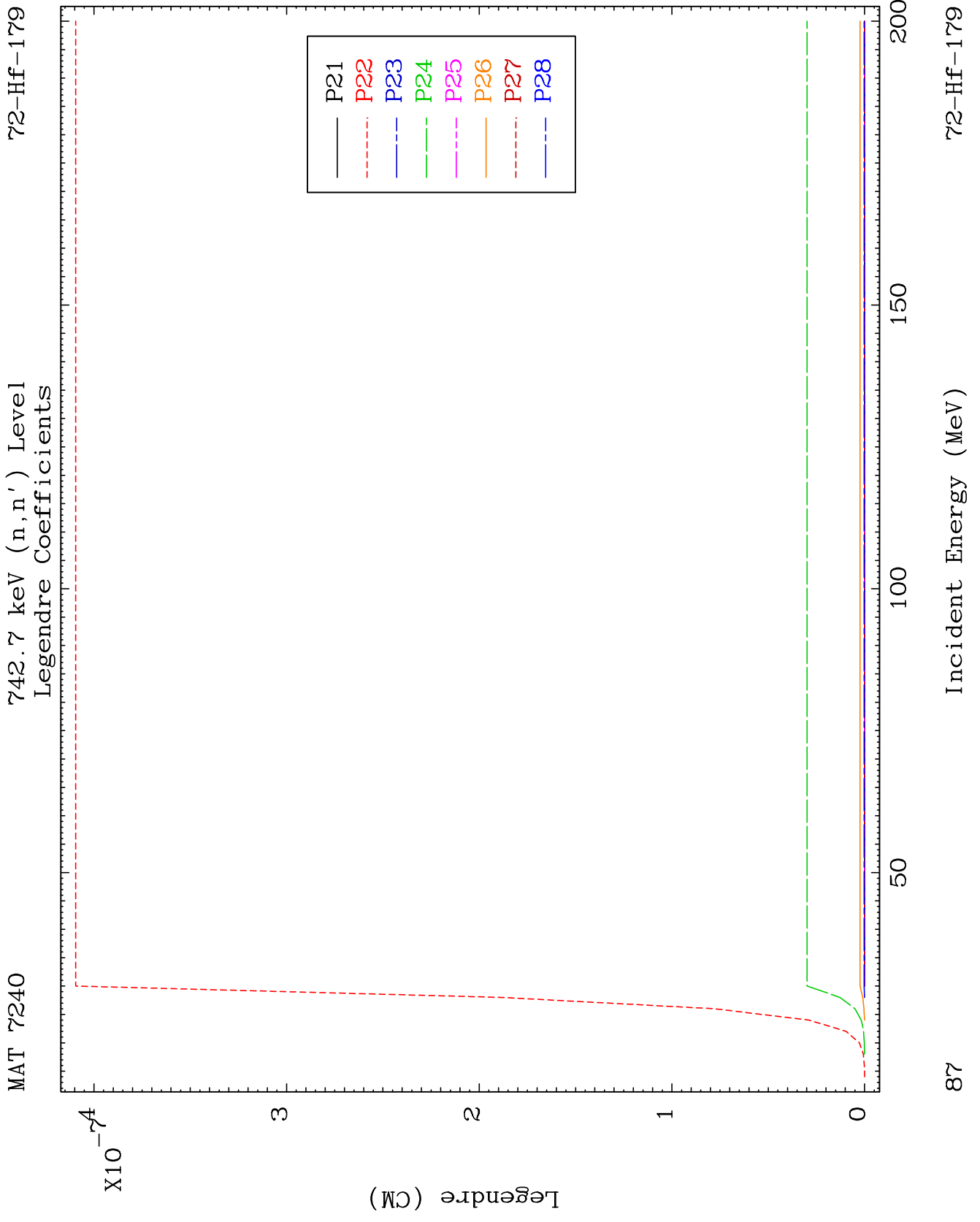


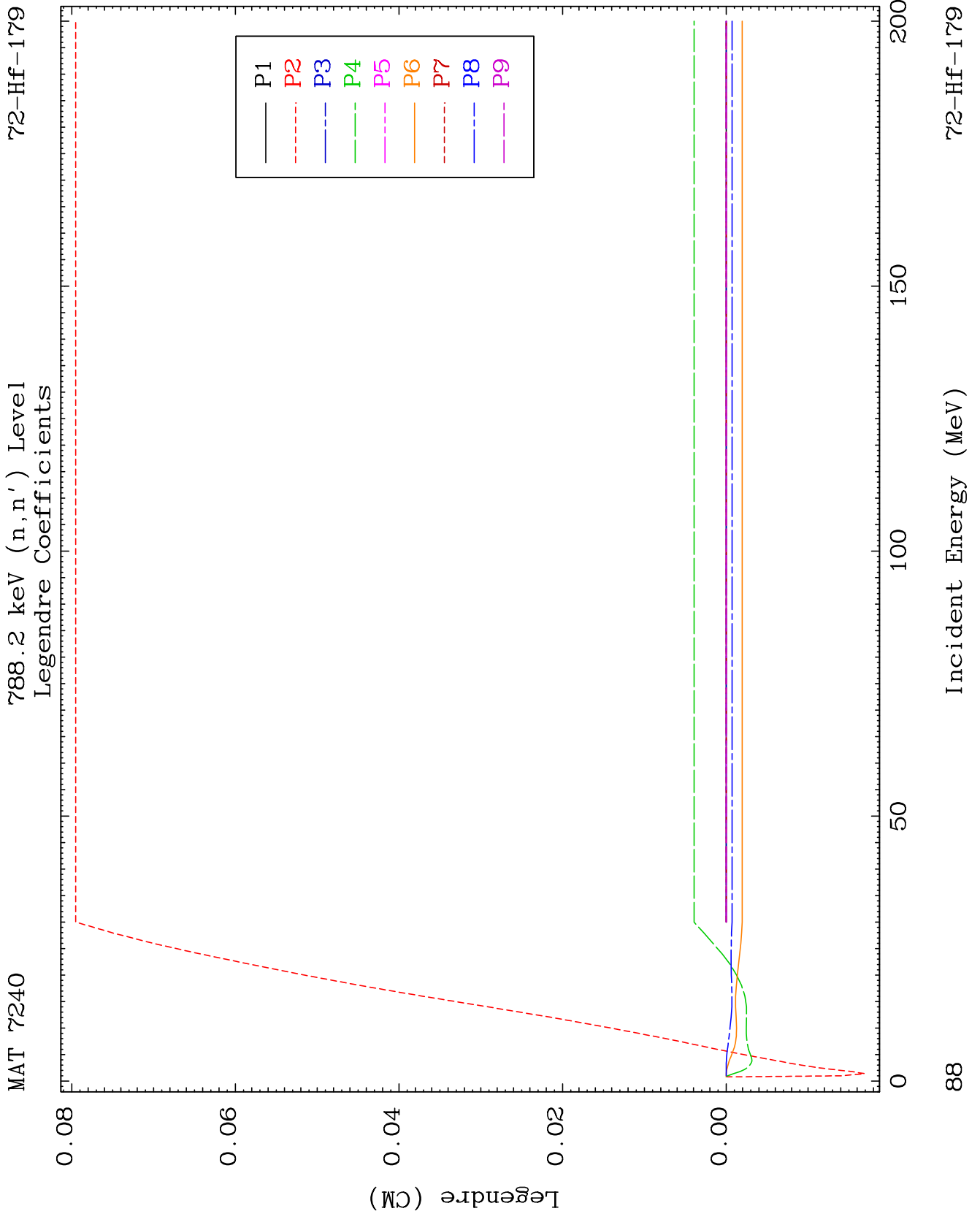


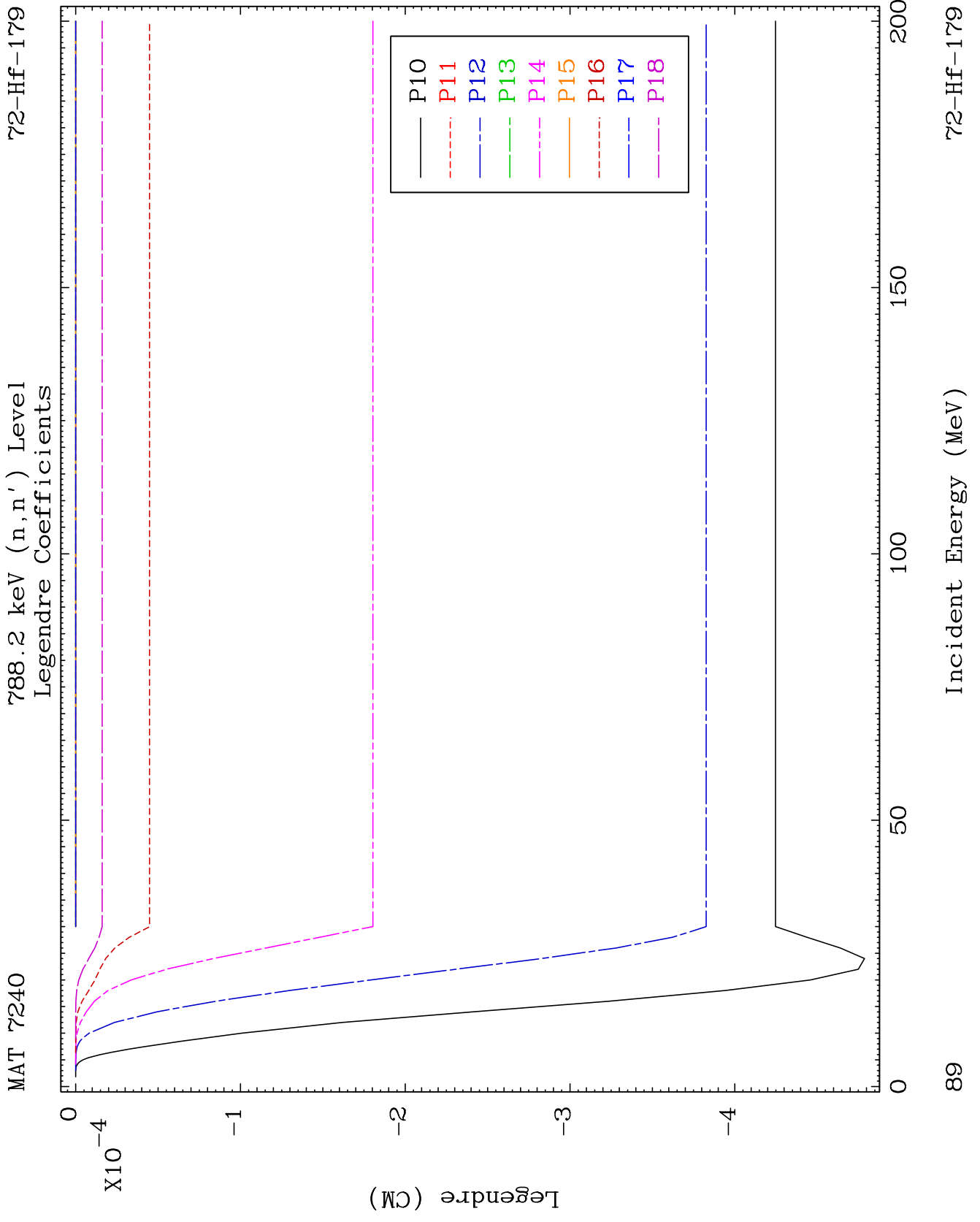


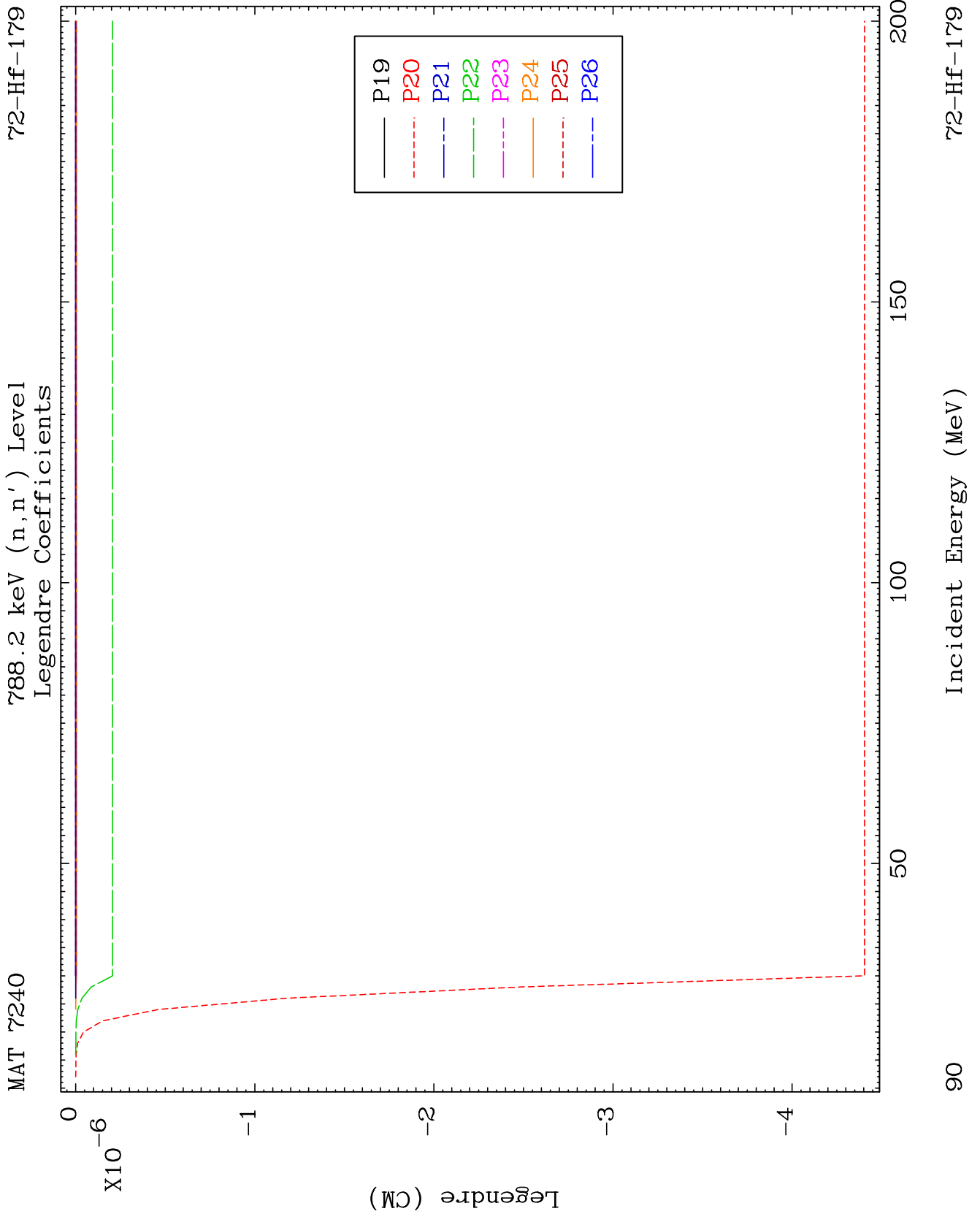








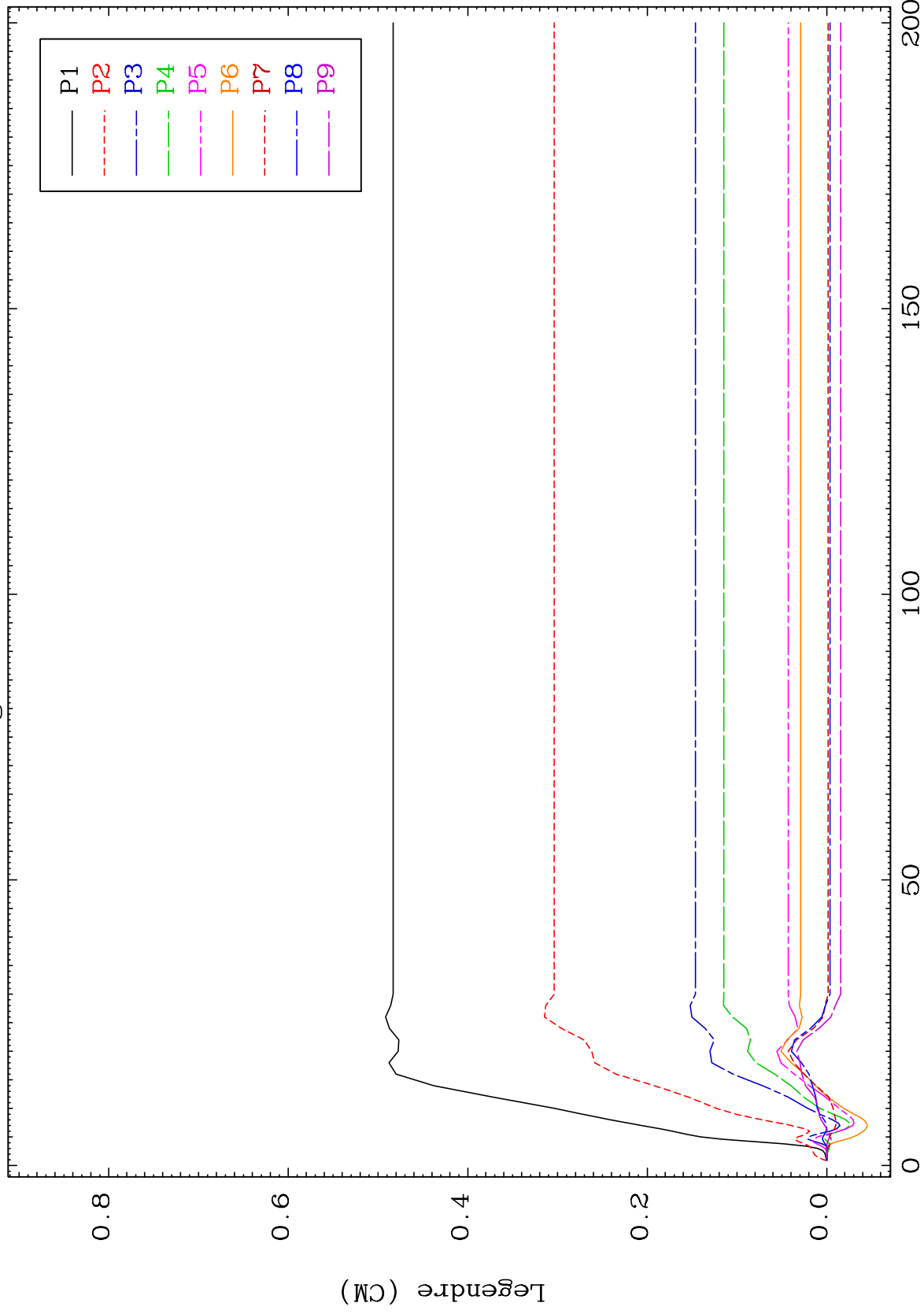




MAT 7240

842.9 keV (n,n') Level
Legendre Coefficients

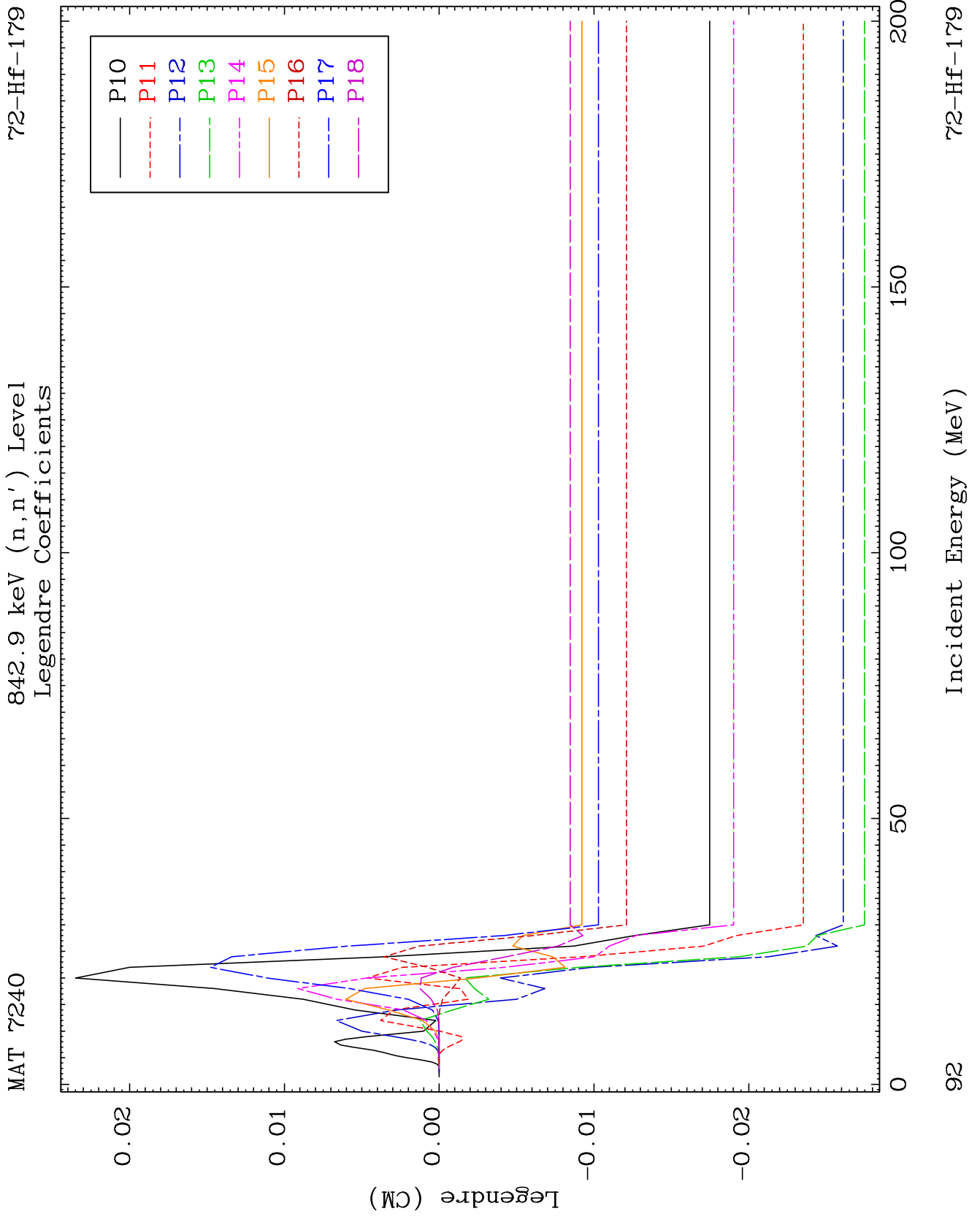
72-Hf-179



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Incident Energy (MeV)

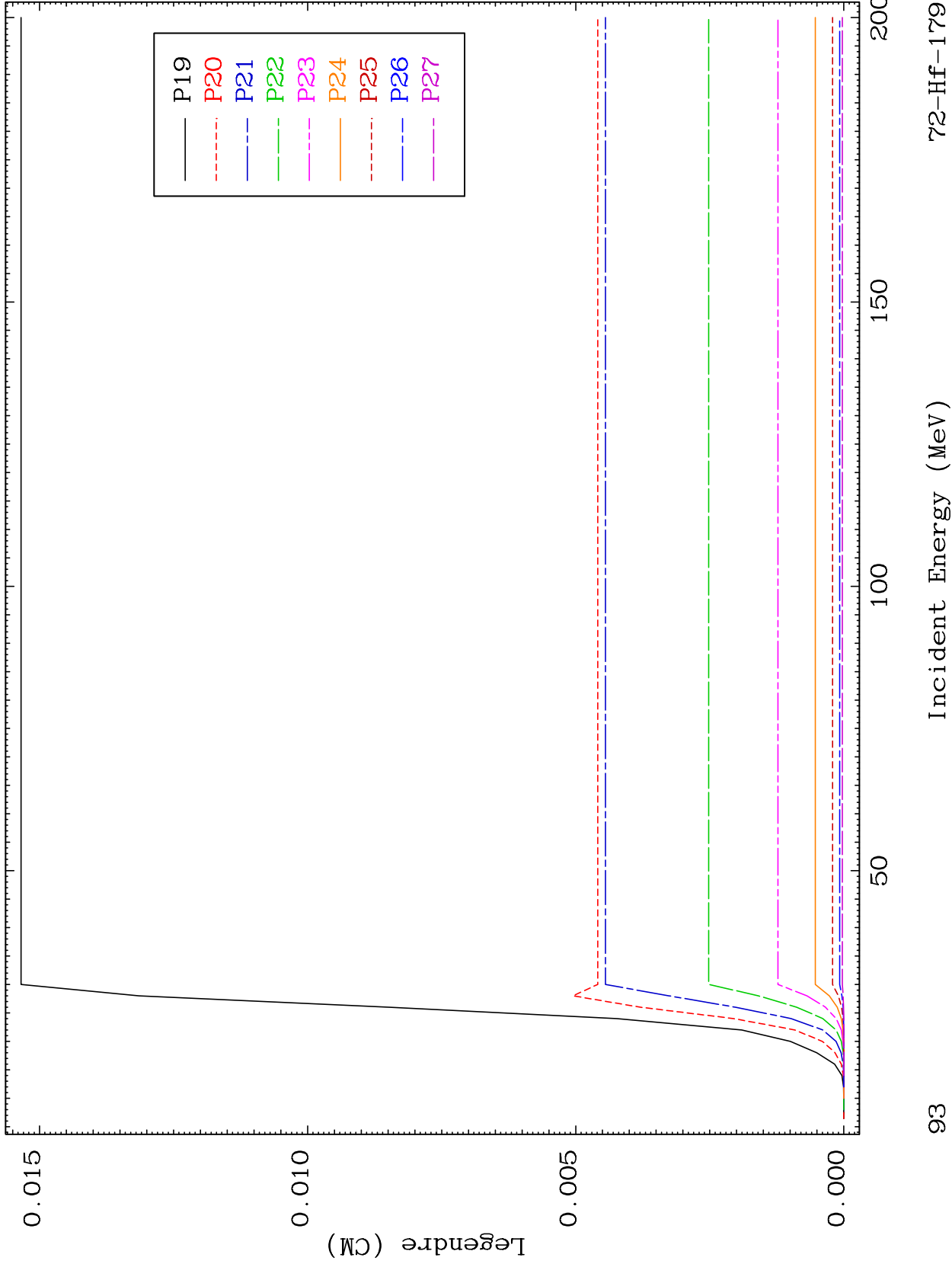
72-Hf-179



MAT 7240

842.9 keV (n,n') Level
Legendre Coefficients

72-Hf-179



93

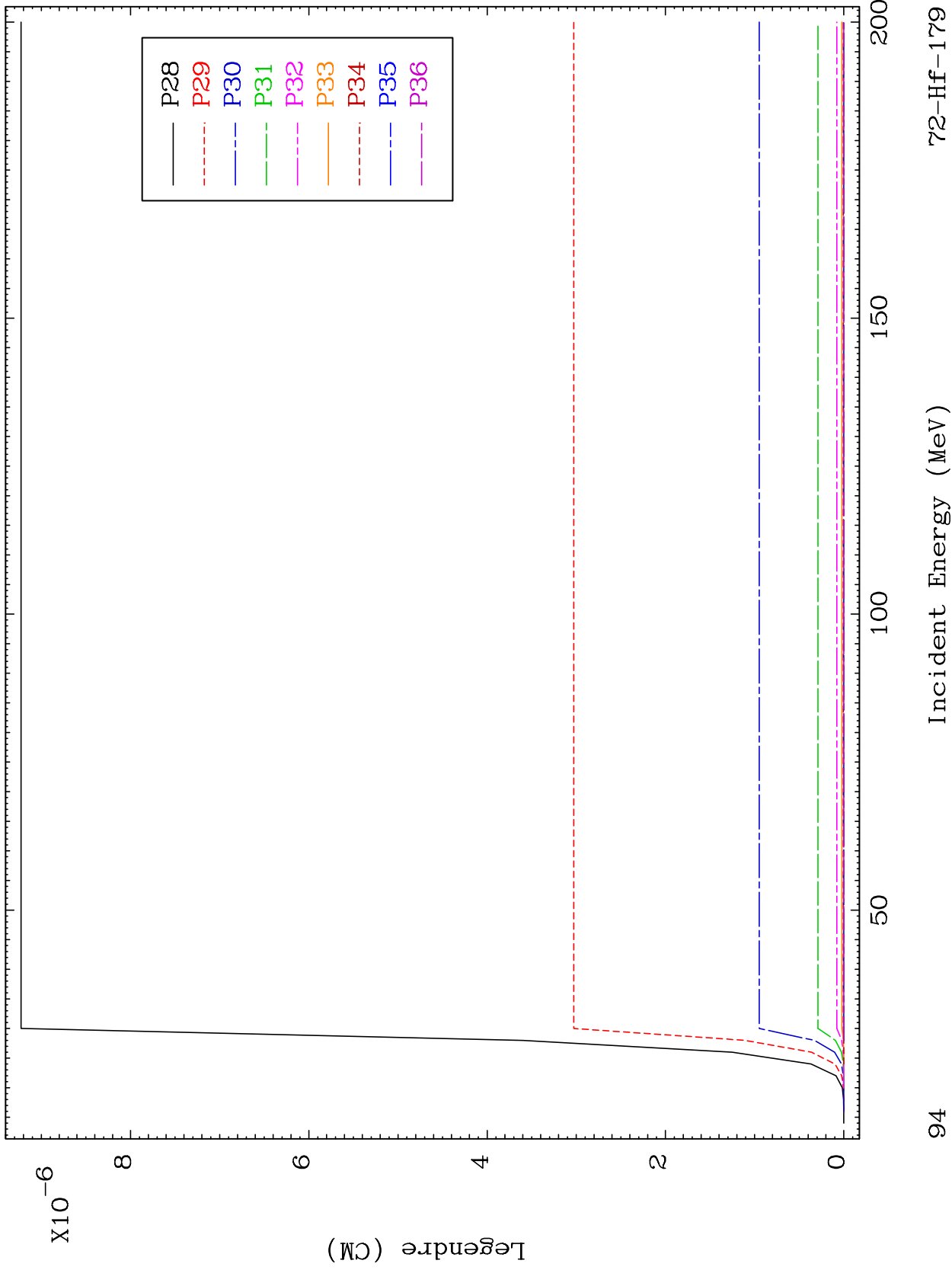
Incident Energy (MeV)

72-Hf-179

MAT 7240

842.9 keV (n,n') Level
Legendre Coefficients

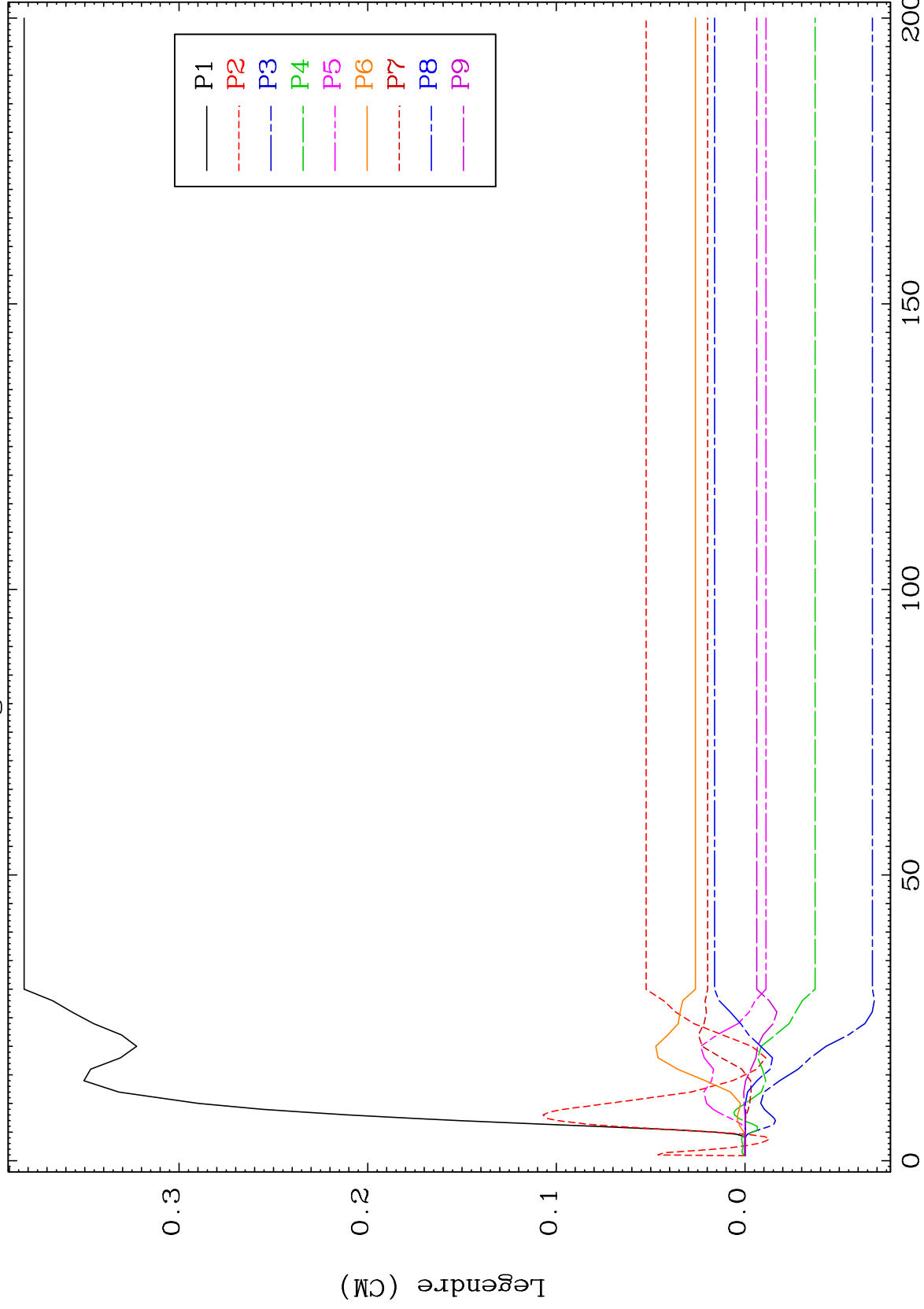
72-Hf-179



MAT 7240

848.4 keV (n,n') Level
Legendre Coefficients

72-Hf-179



95

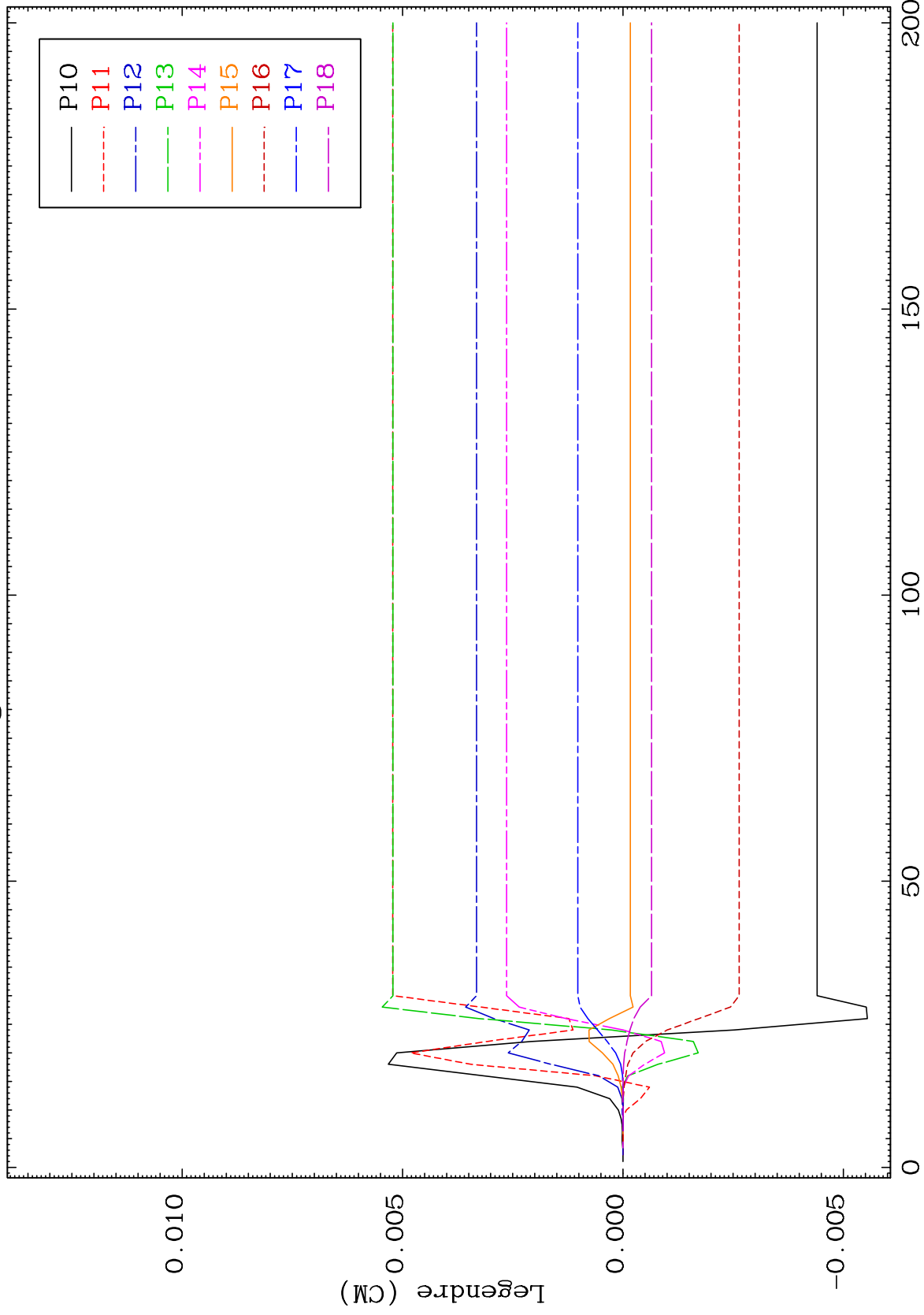
Incident Energy (MeV)

72-Hf-179

MAT 7240

848.4 keV (n,n') Level
Legendre Coefficients

72-Hf-179



96

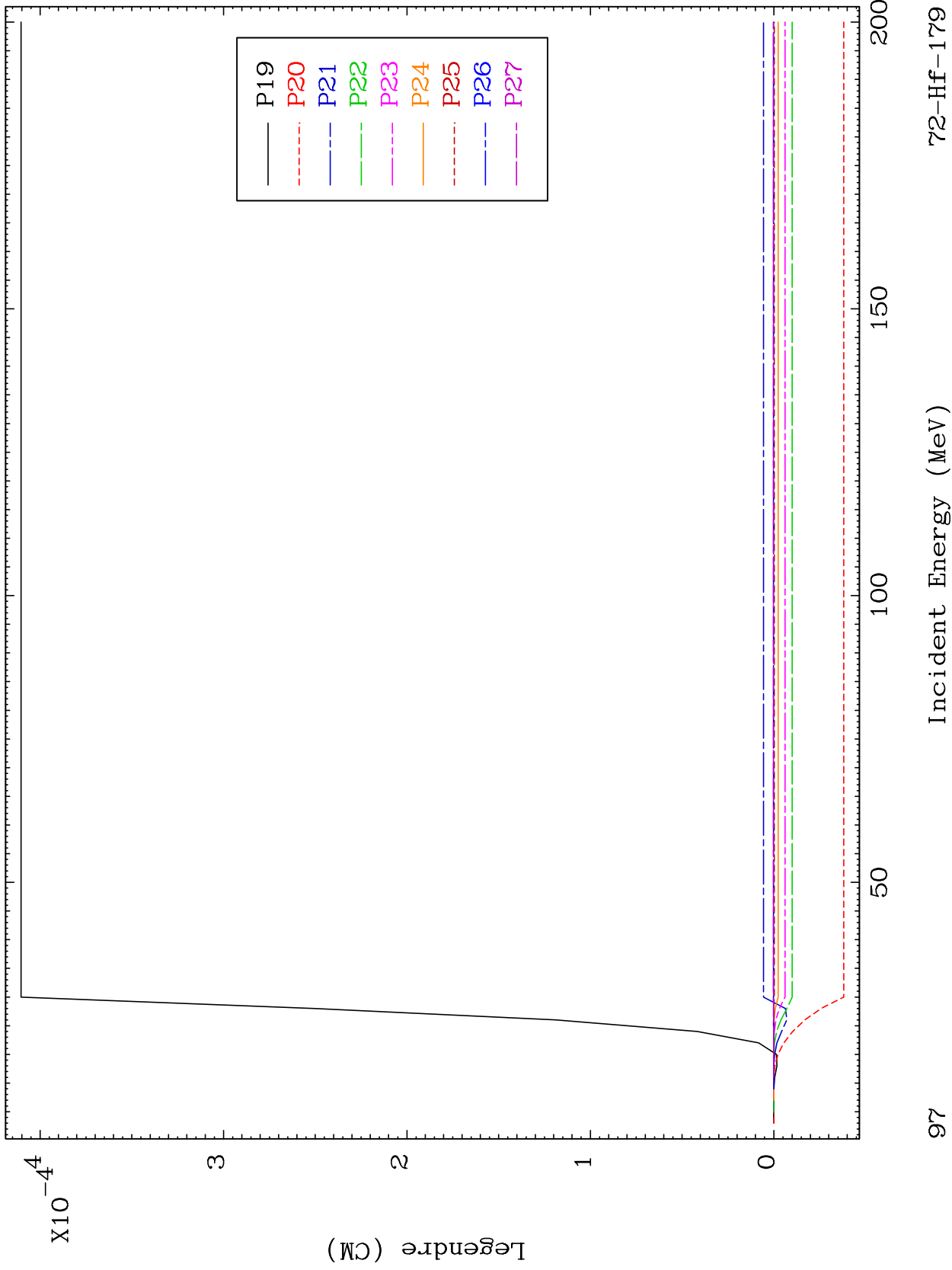
Incident Energy (MeV)

72-Hf-179

MAT 7240

848.4 keV (n, n') Level
Legendre Coefficients

72-Hf-179



97

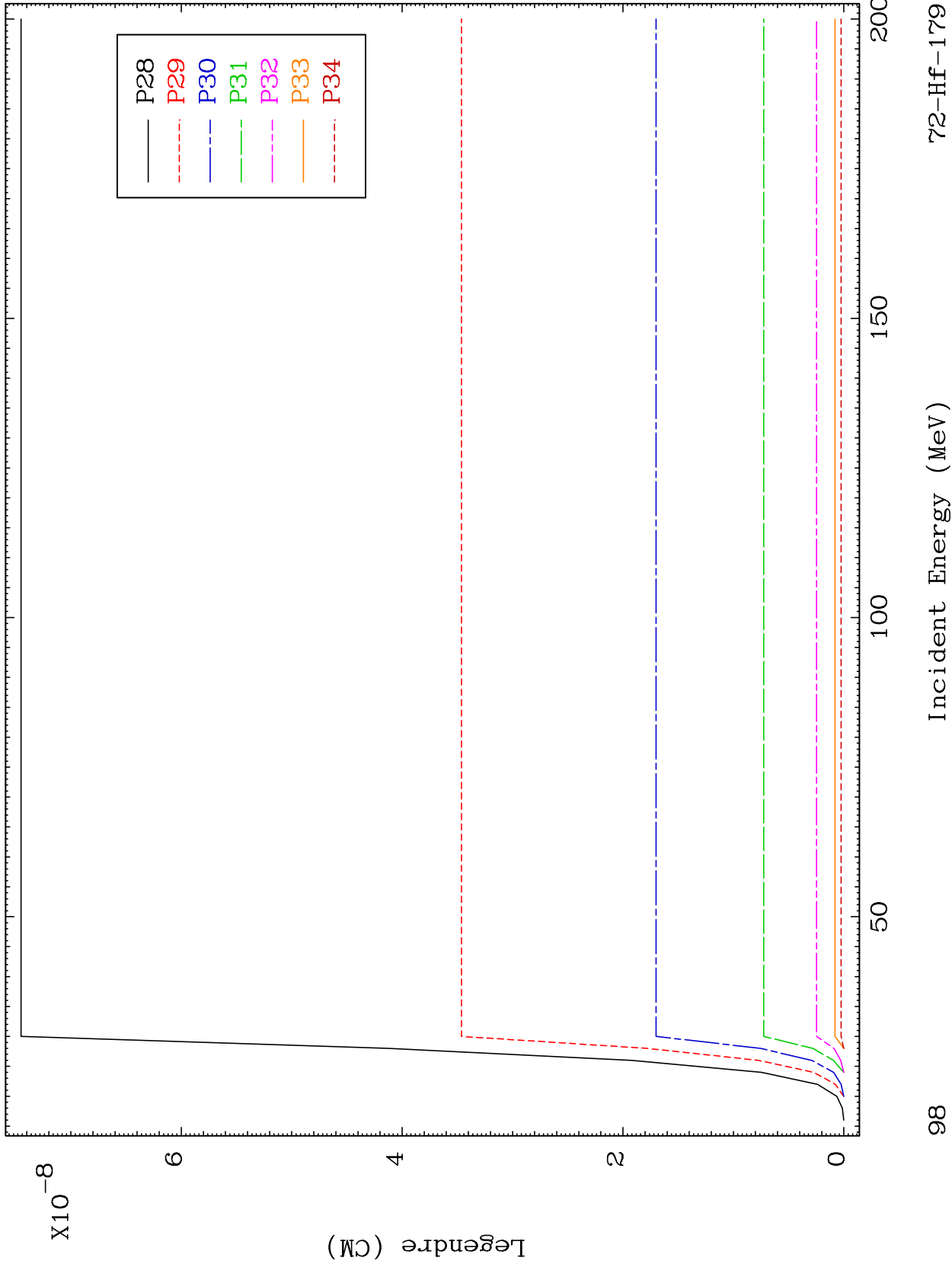
Incident Energy (MeV)

72-Hf-179

MAT 7240

848.4 keV (n,n') Level
Legendre Coefficients

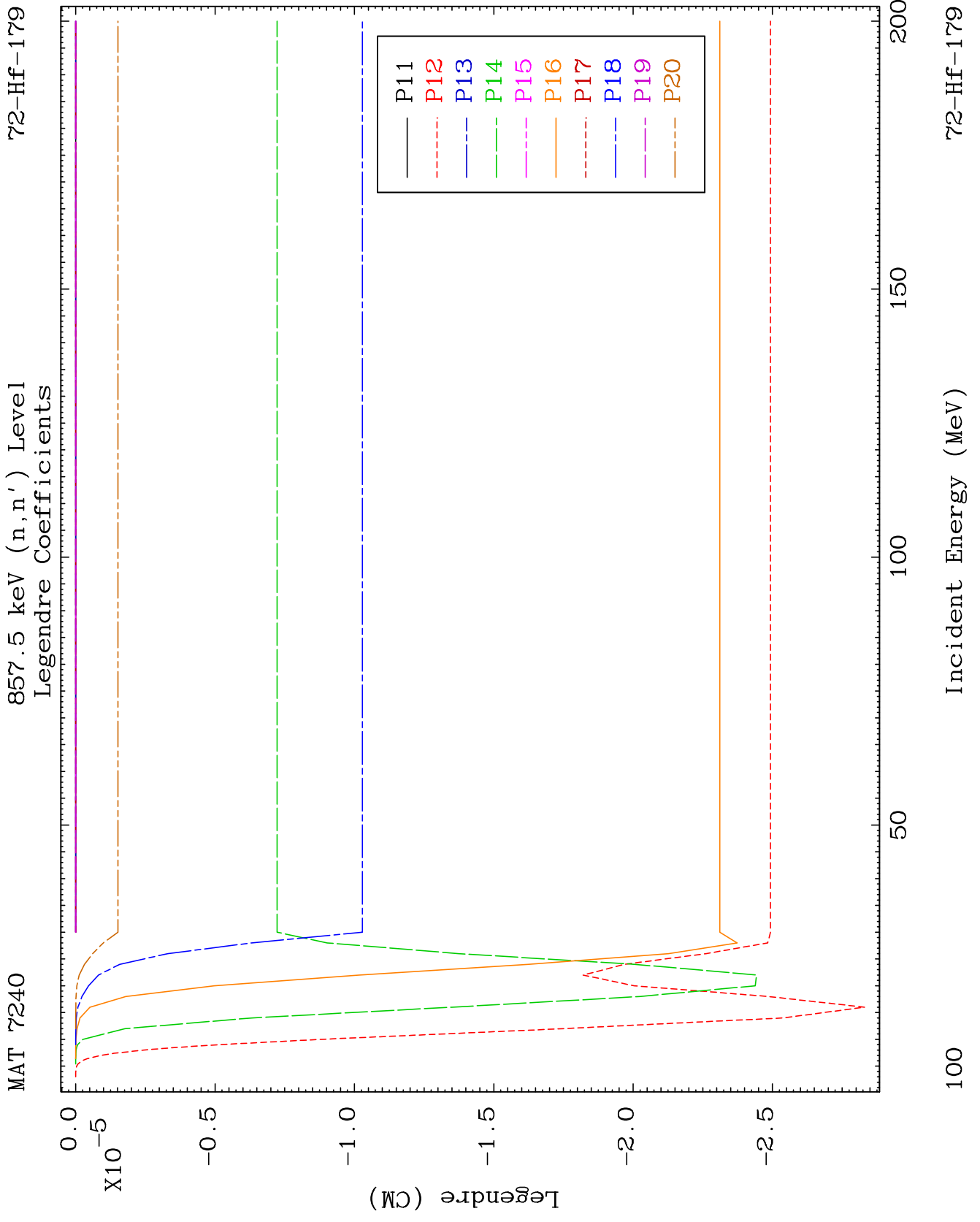
72-Hf-179



98

Incident Energy (MeV)

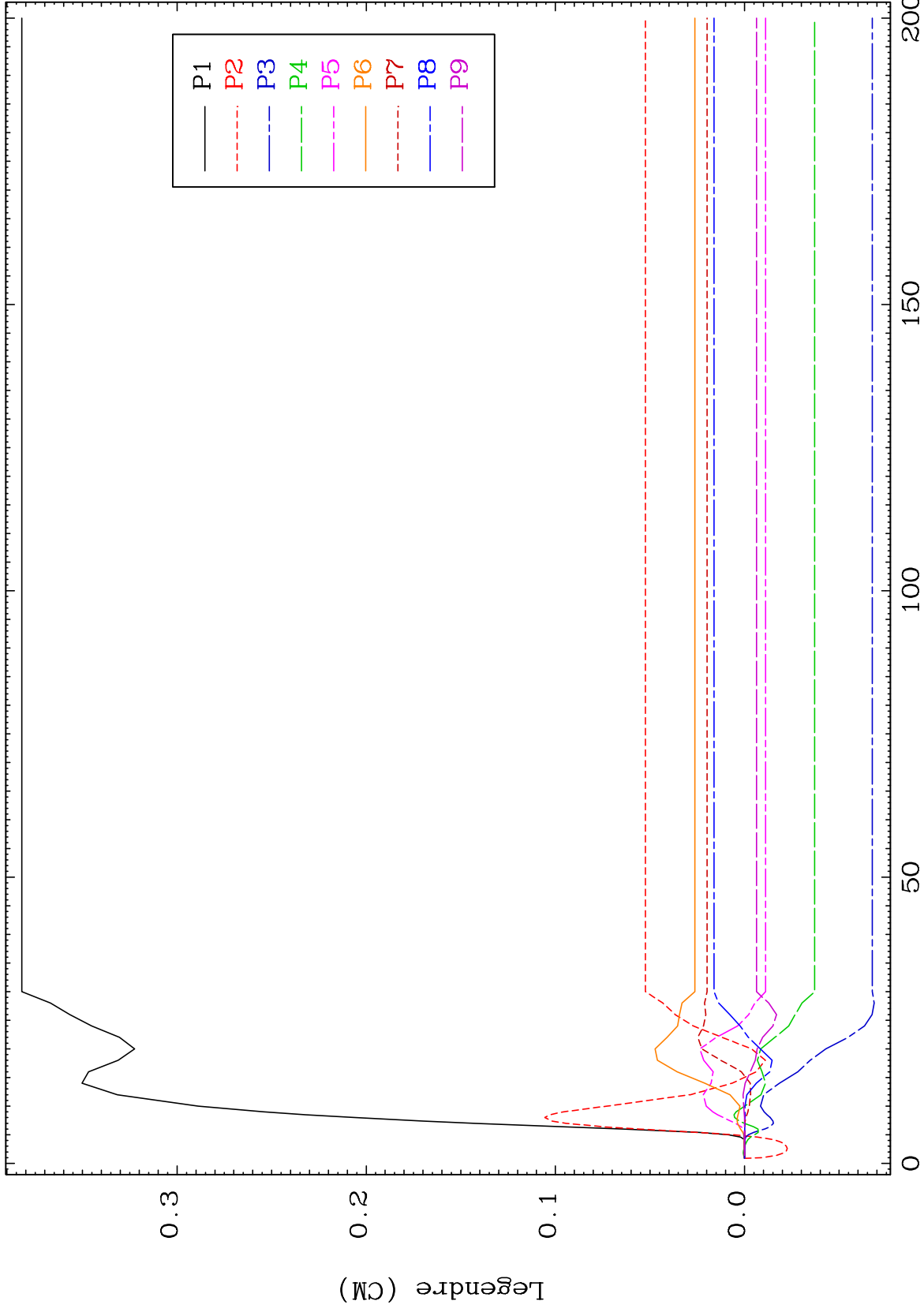
72-Hf-179



MAT 7240

865.9 keV (n,n') Level
Legendre Coefficients

72-Hf-179



72-Hf-179

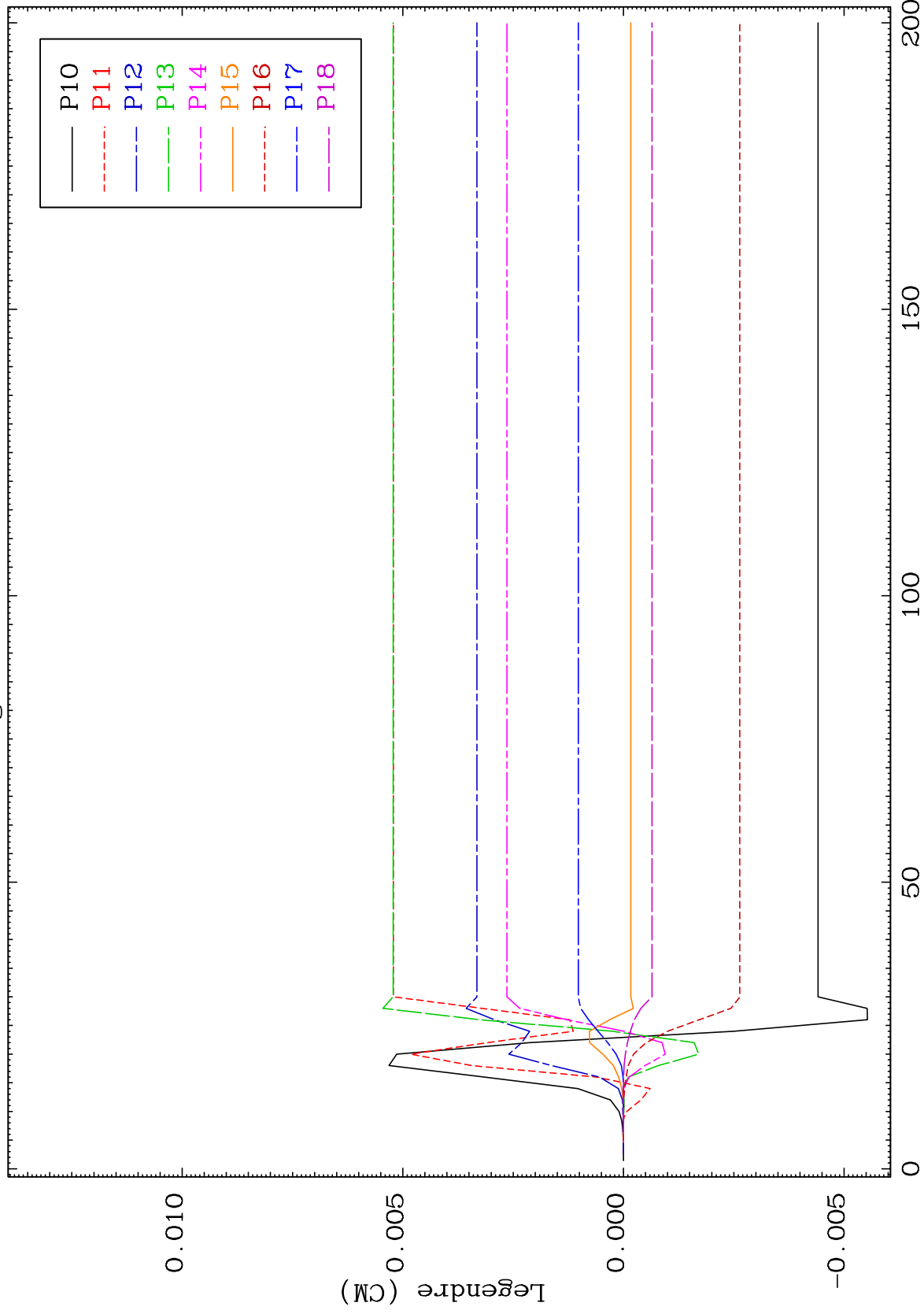
Incident Energy (MeV)

102

MAT 7240

865.9 keV (n,n') Level
Legendre Coefficients

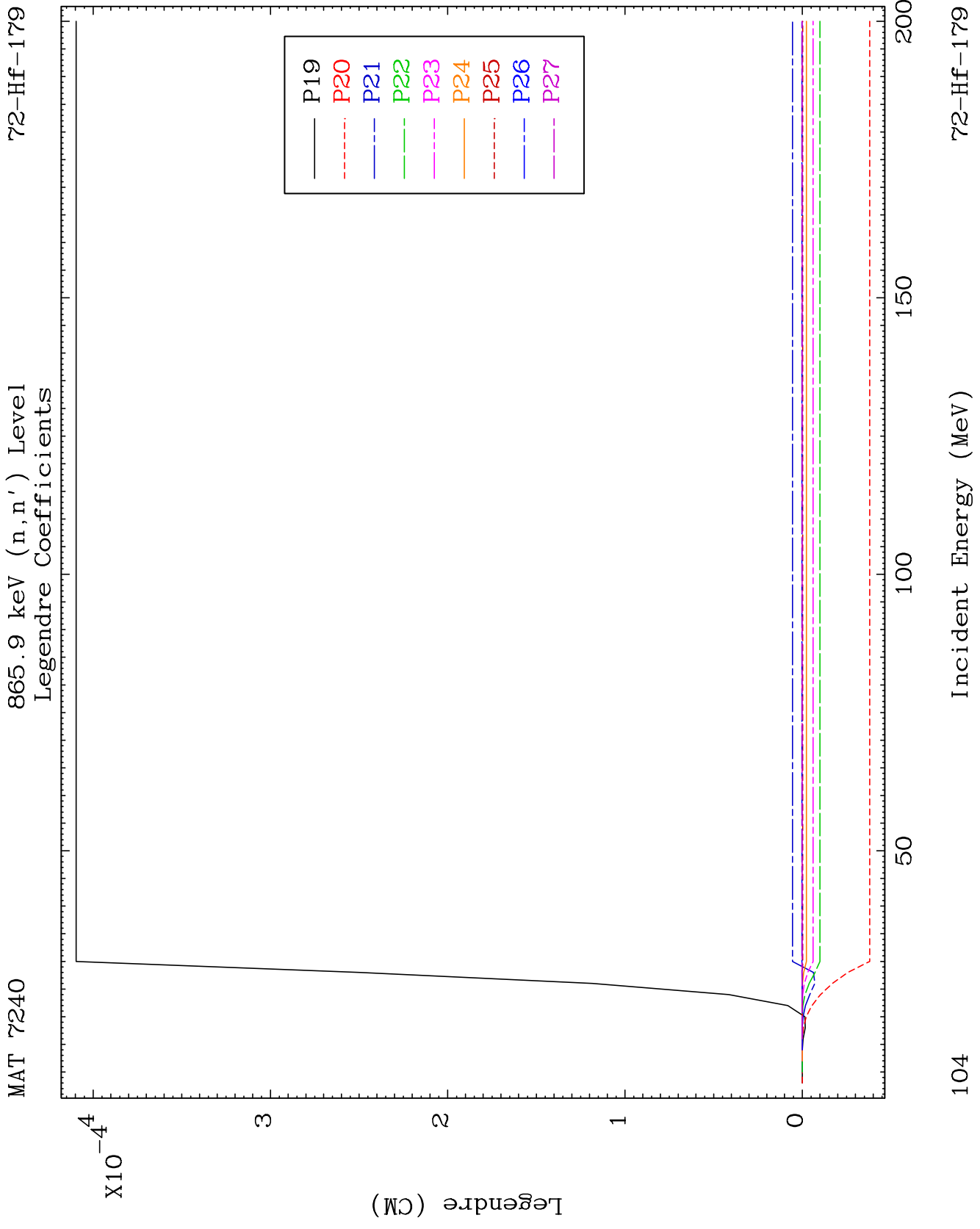
72-Hf-179

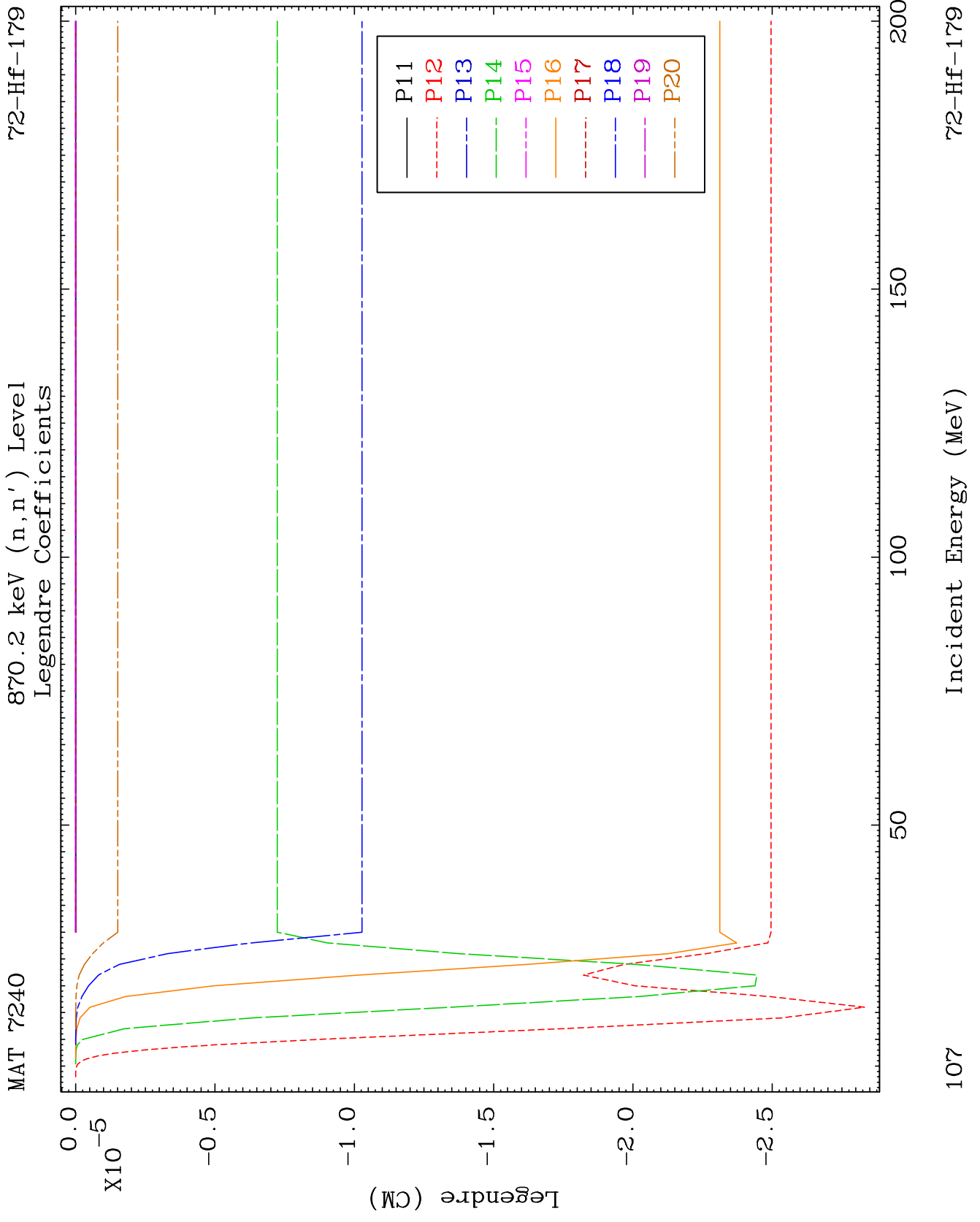


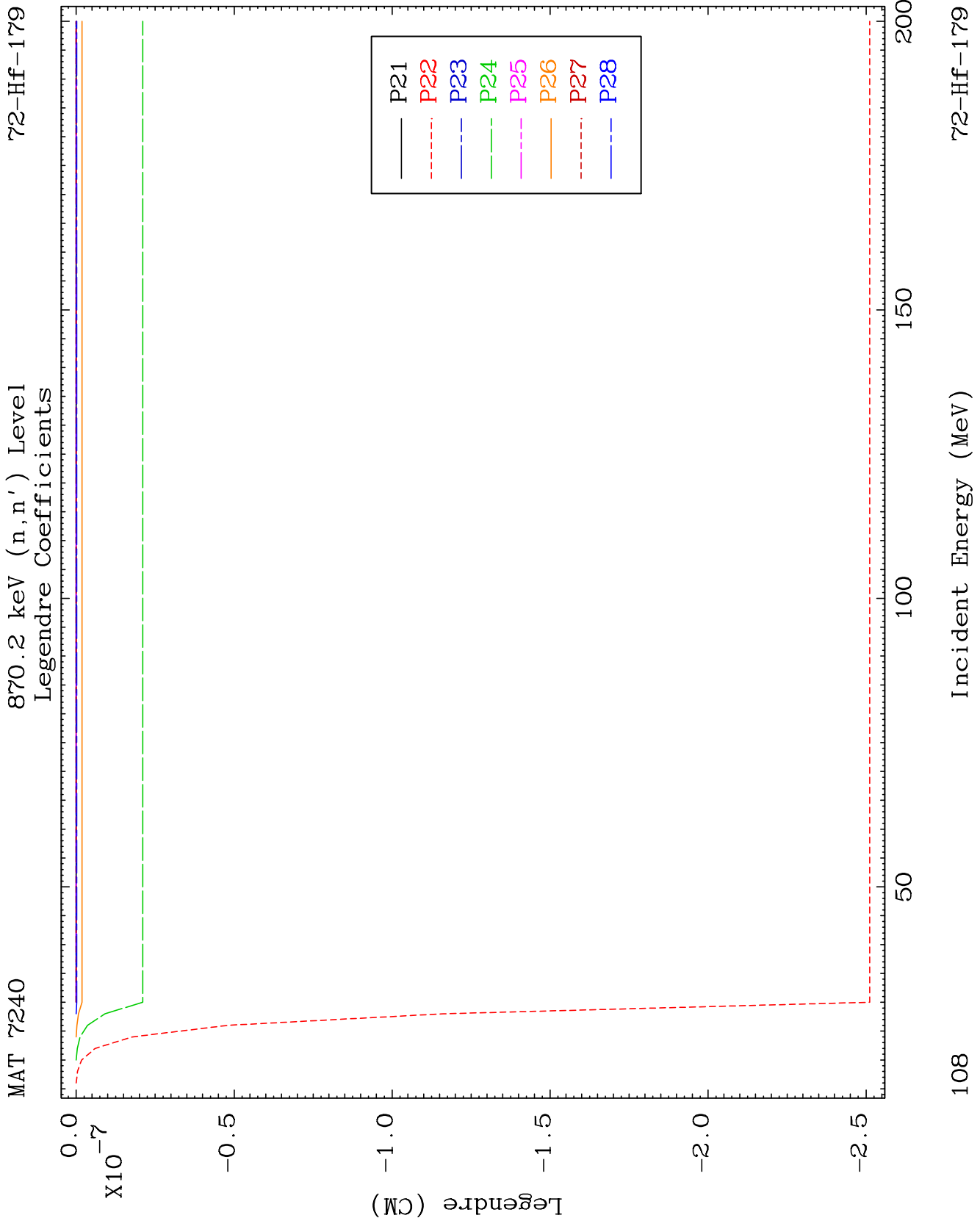
103

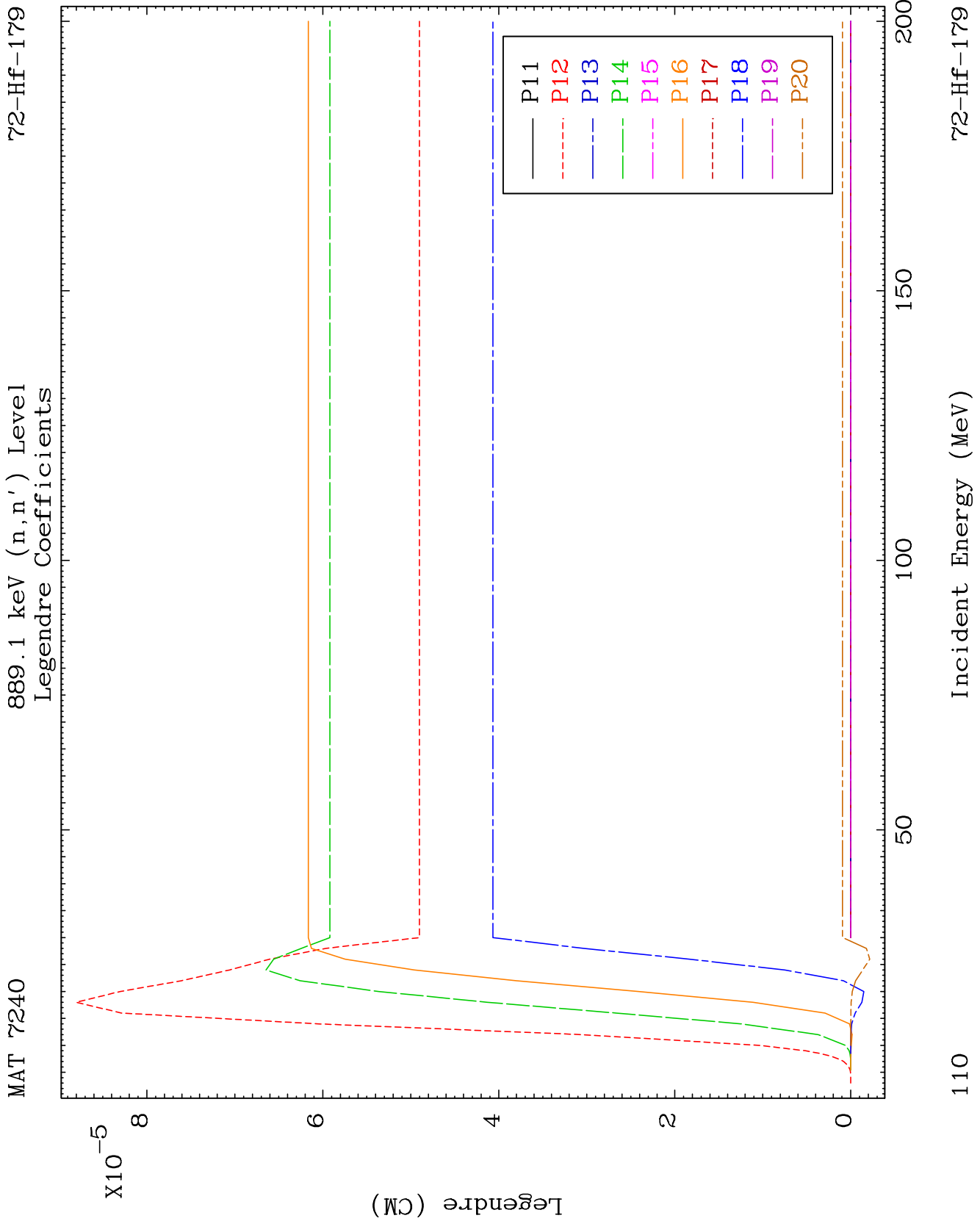
Incident Energy (MeV)

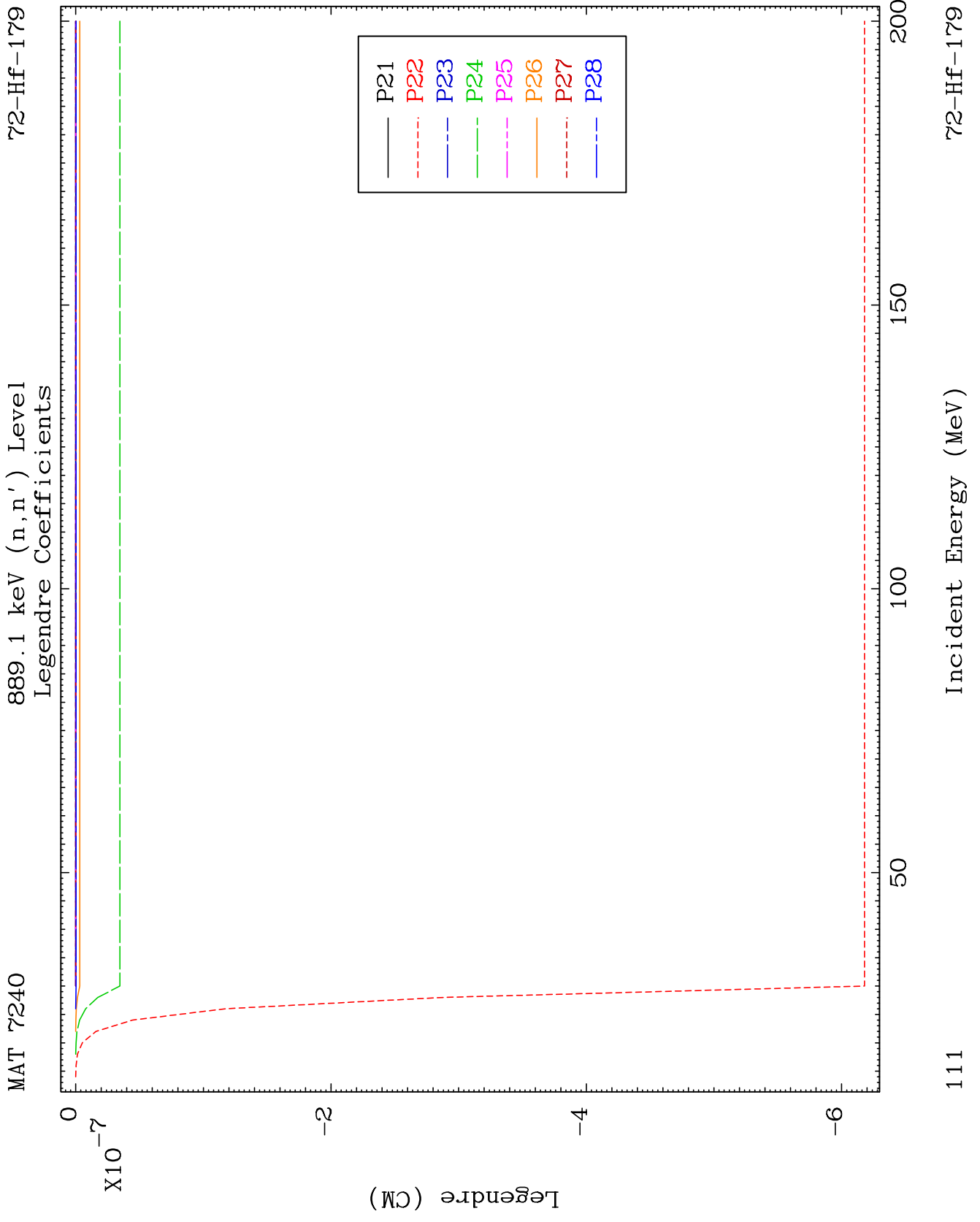
72-Hf-179







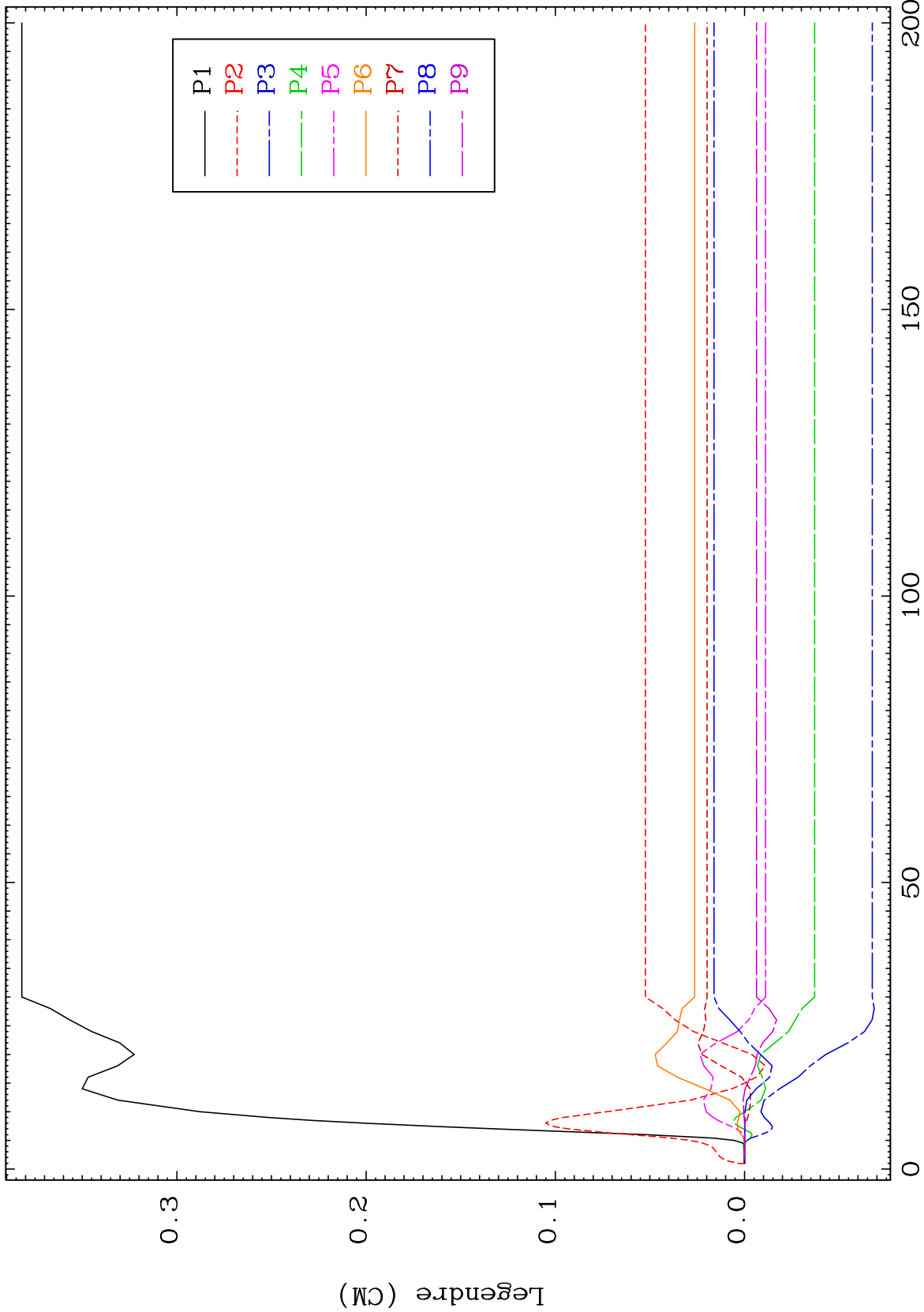




MAT 7240

896.7 keV (n,n') Level
Legendre Coefficients

72-Hf-179



72-Hf-179

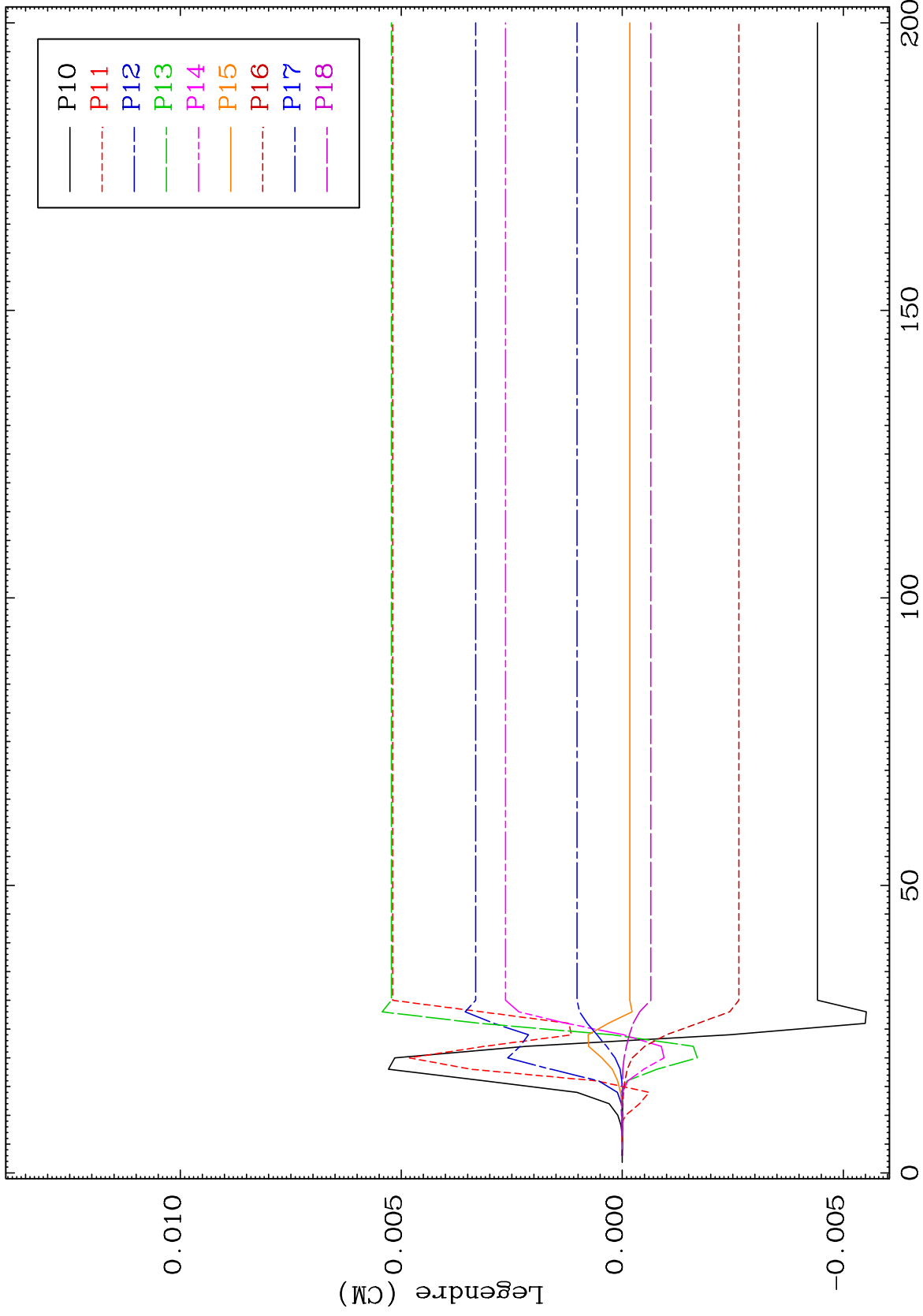
Incident Energy (MeV)

112

MAT 7240

896.7 keV (n,n') Level
Legendre Coefficients

72-Hf-179



113

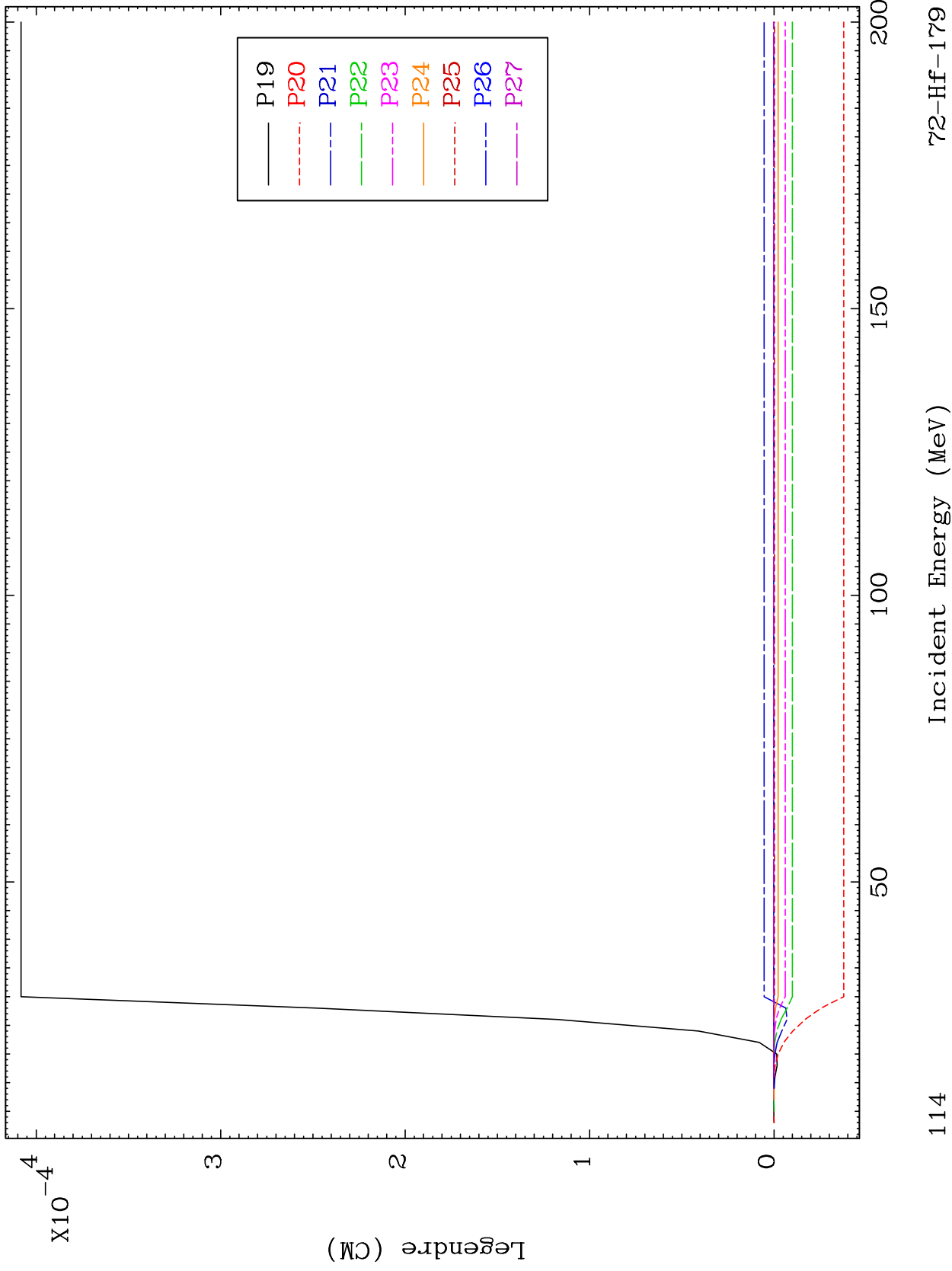
Incident Energy (MeV)

72-Hf-179

MAT 7240

896.7 keV (n, n') Level
Legendre Coefficients

72-Hf-179



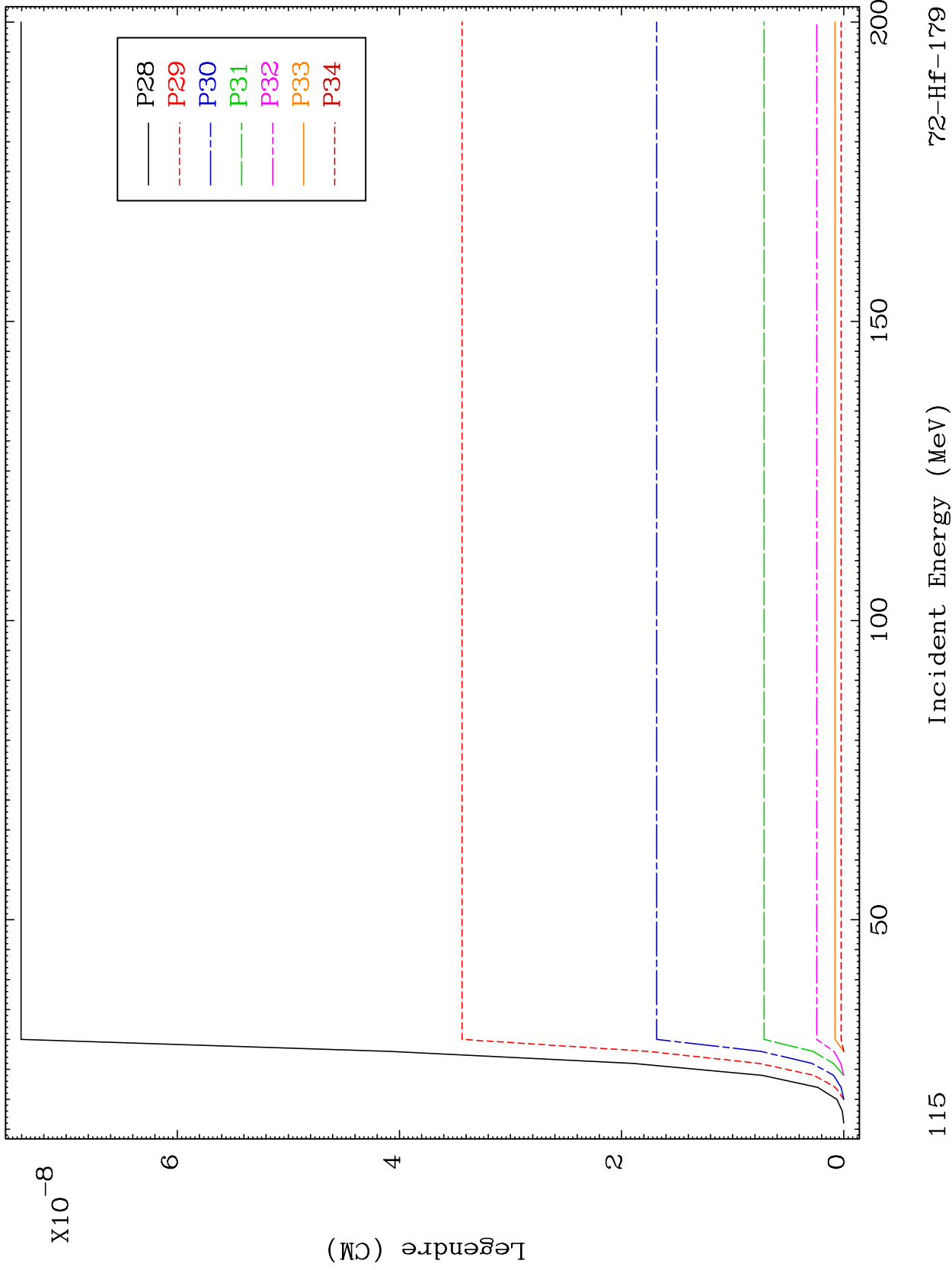
114

72-Hf-179

MAT 7240

896.7 keV (n,n') Level
Legendre Coefficients

72-Hf-179

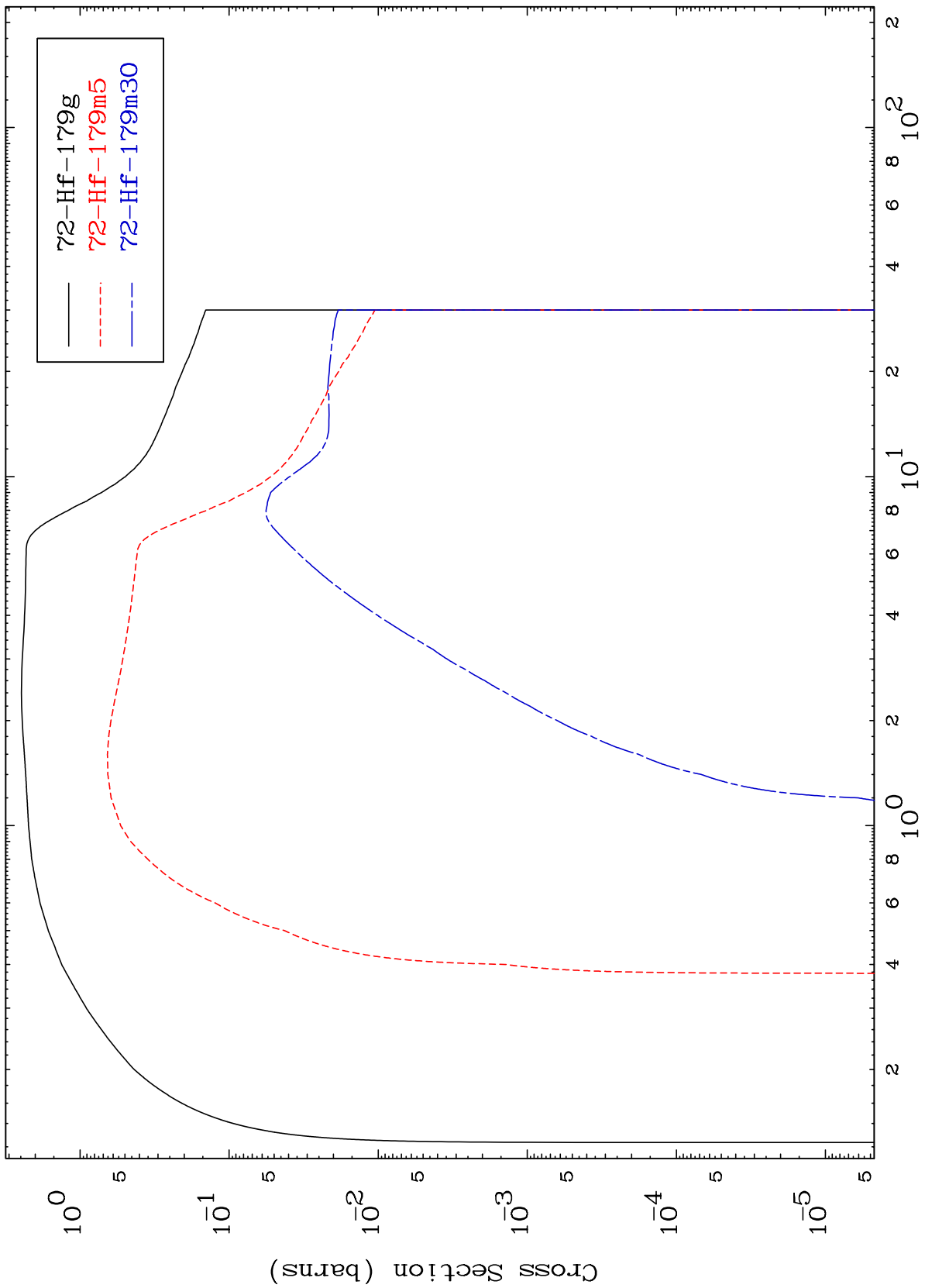


72-Hf-179

Incident Energy (MeV)

115

Inelastic
Radionuclide Production Cross Section



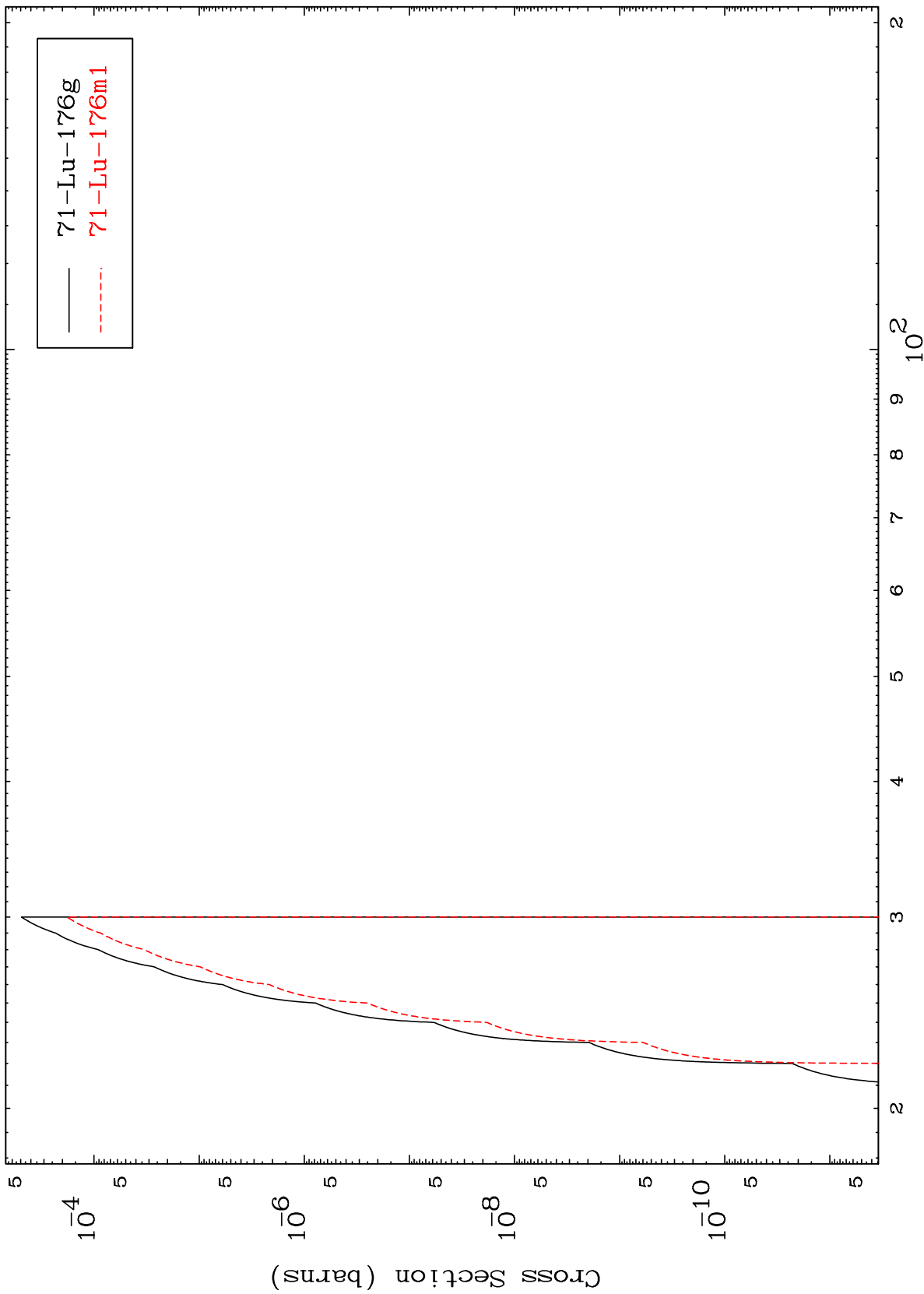
72-Hf-179g
72-Hf-179m5
72-Hf-179m30

MAT 7240

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section

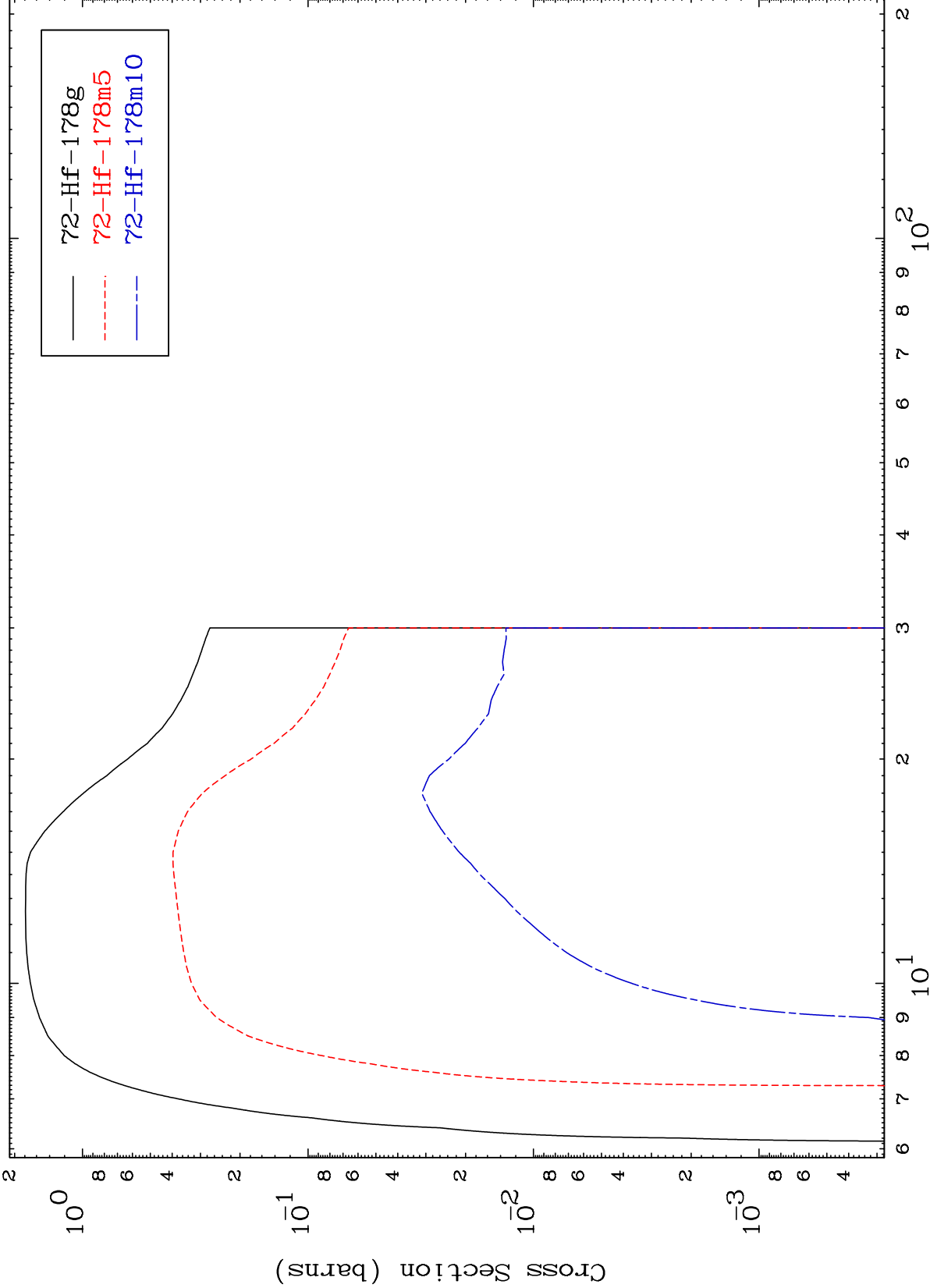


117

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section

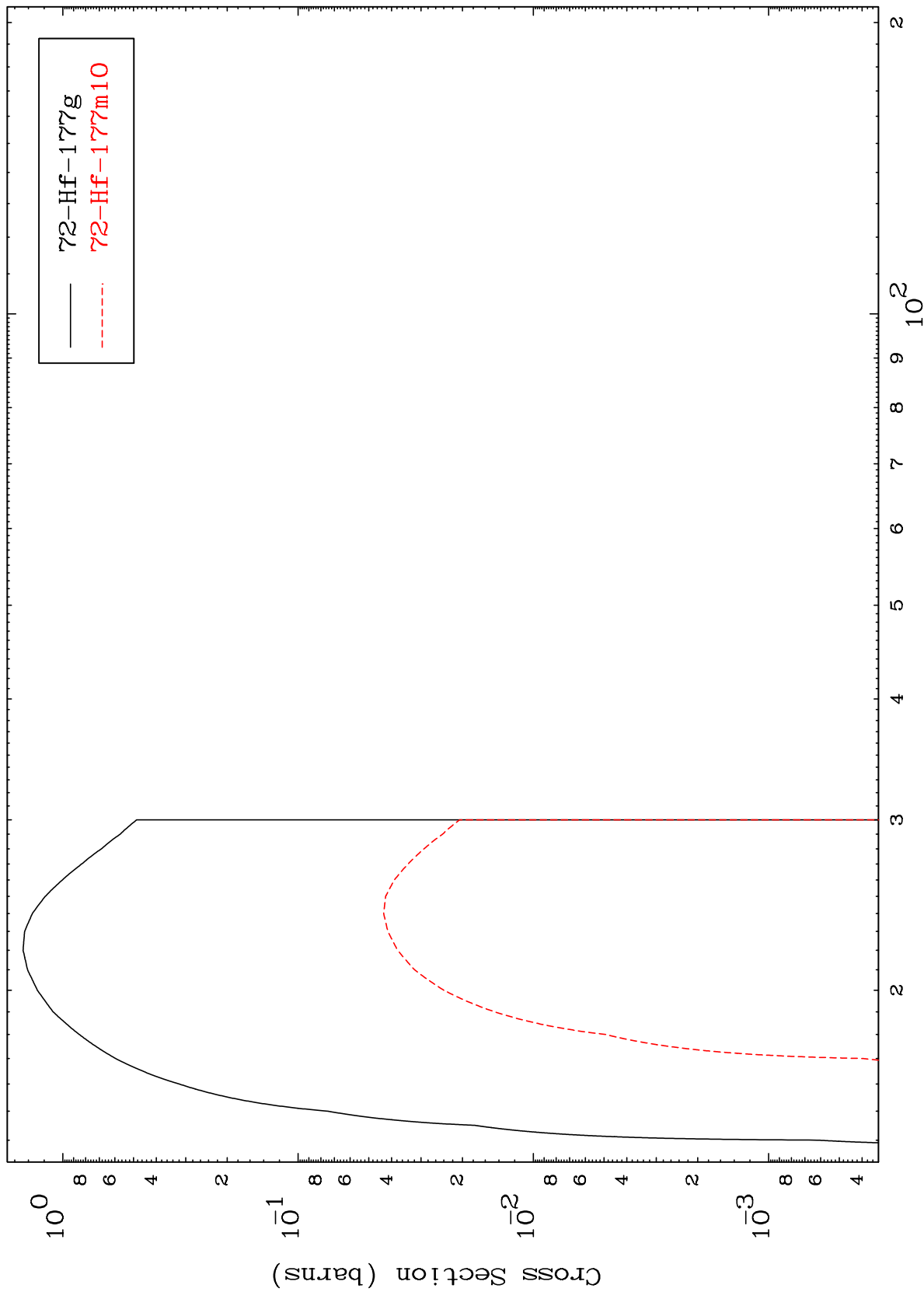


MAT 7240

72-Hf-179

(n,3n)

Radionuclide Production Cross Section



119

Incident Energy (MeV)

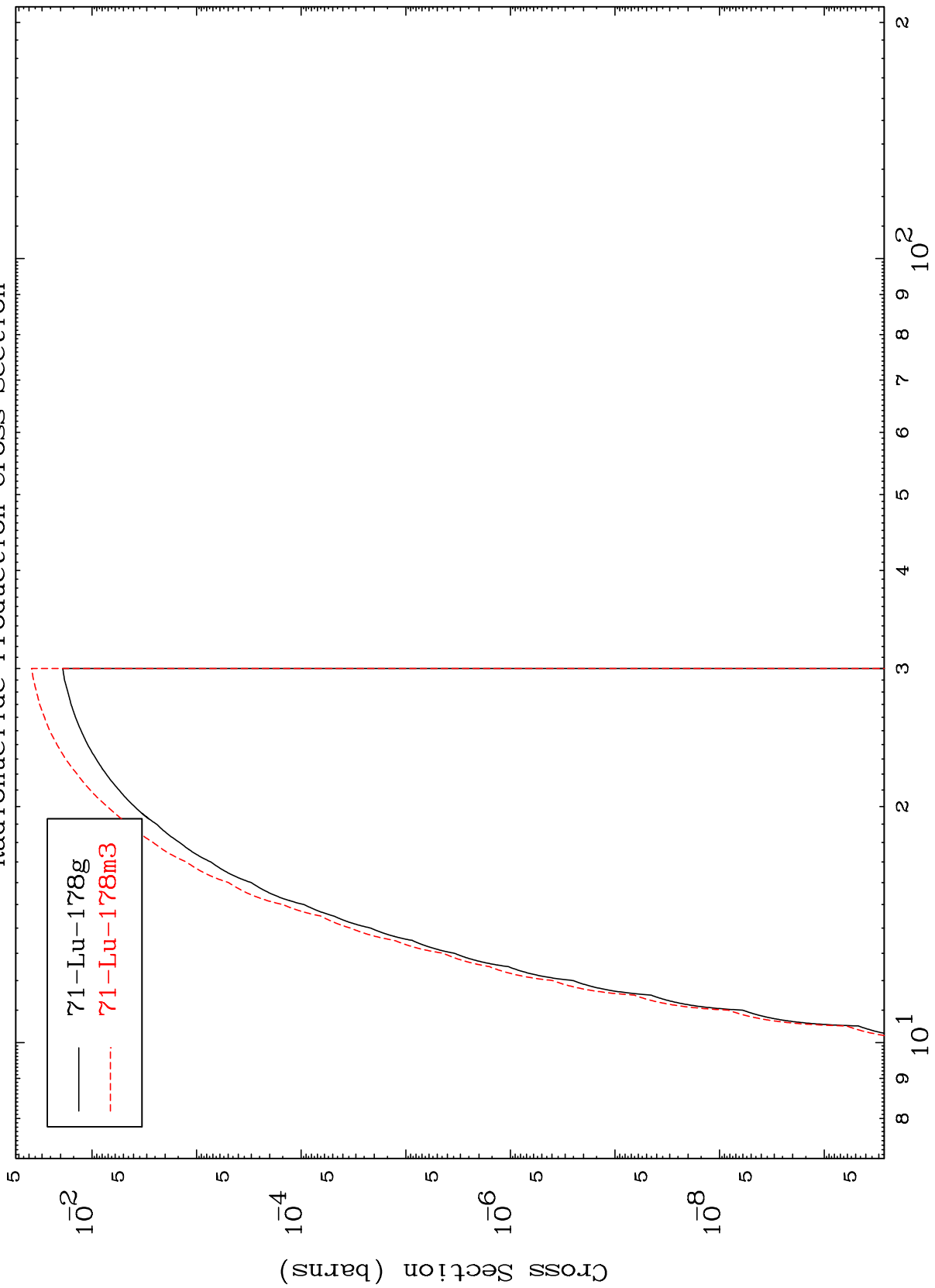
72-Hf-179

MAT 7240

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



120

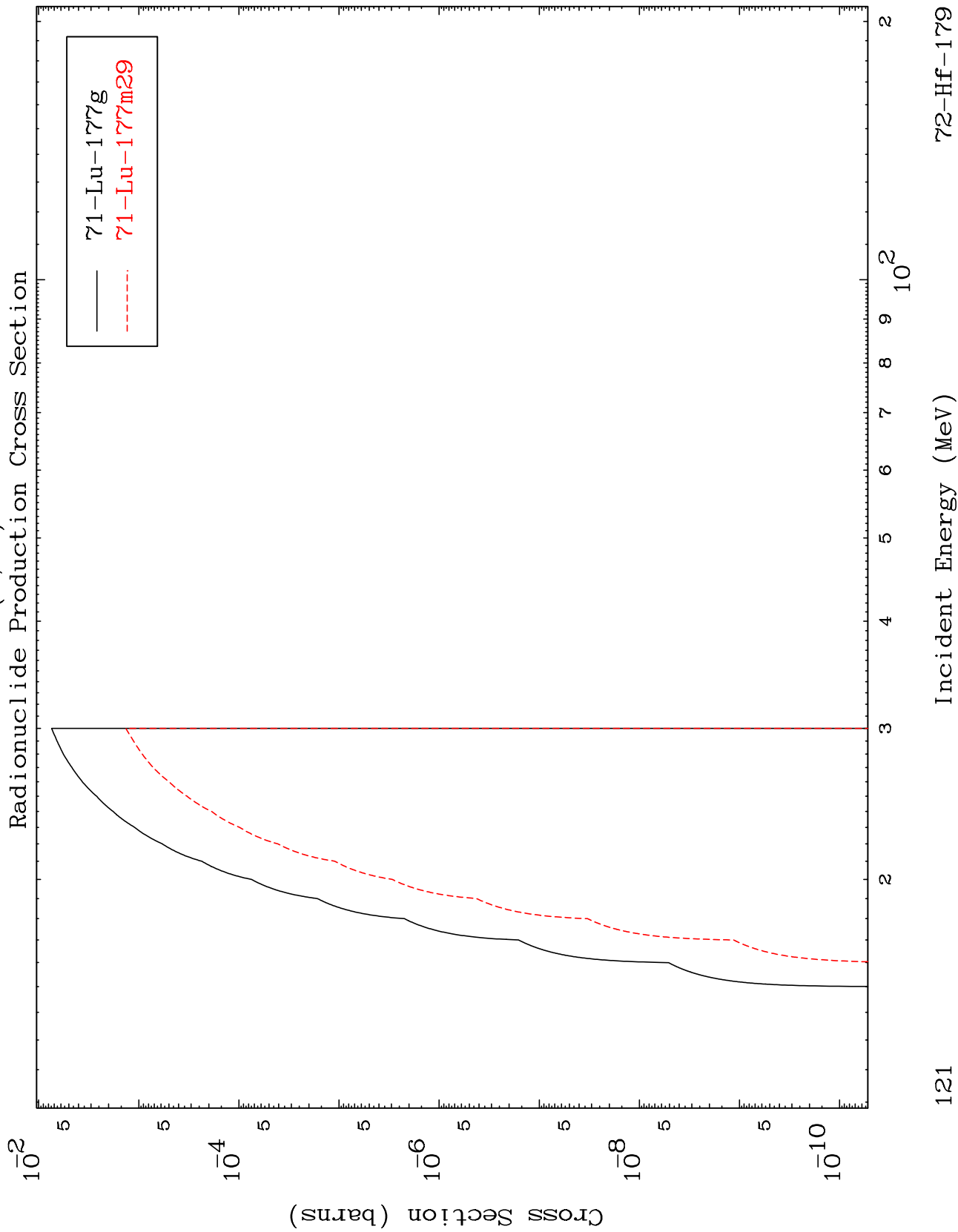
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,n') d

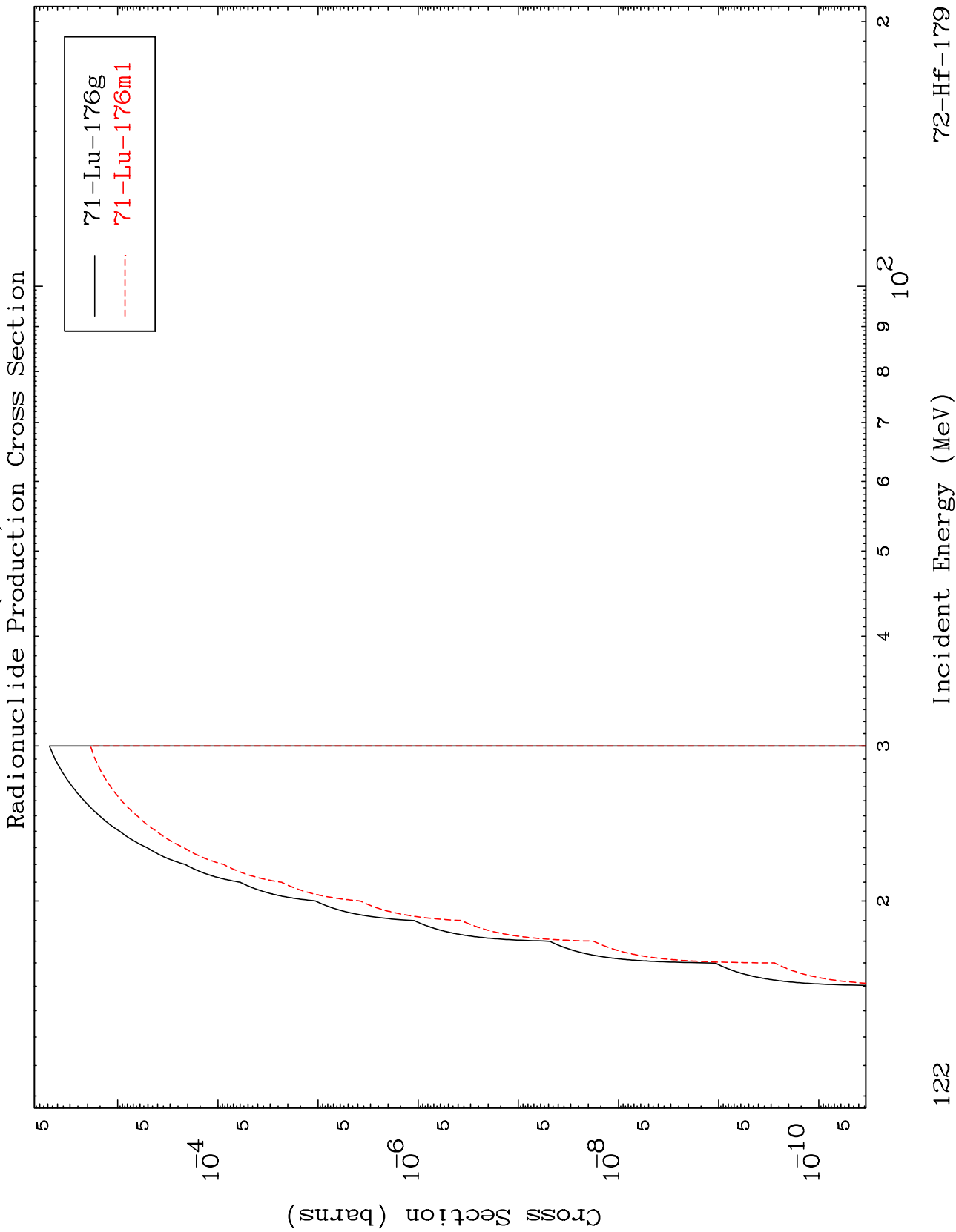
72-Hf-179



121

Incident Energy (MeV)

72-Hf-179

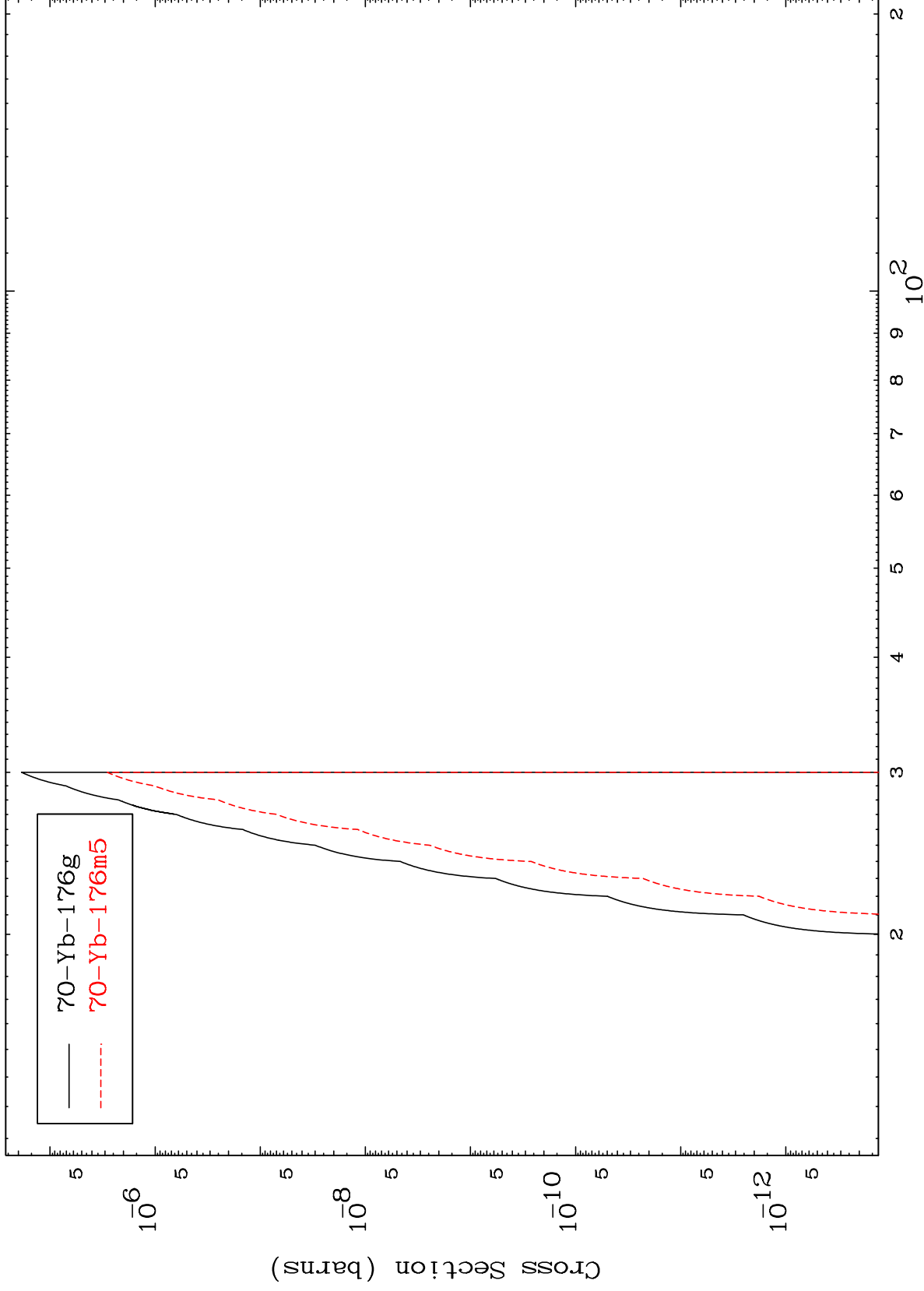


MAT 7240

(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section

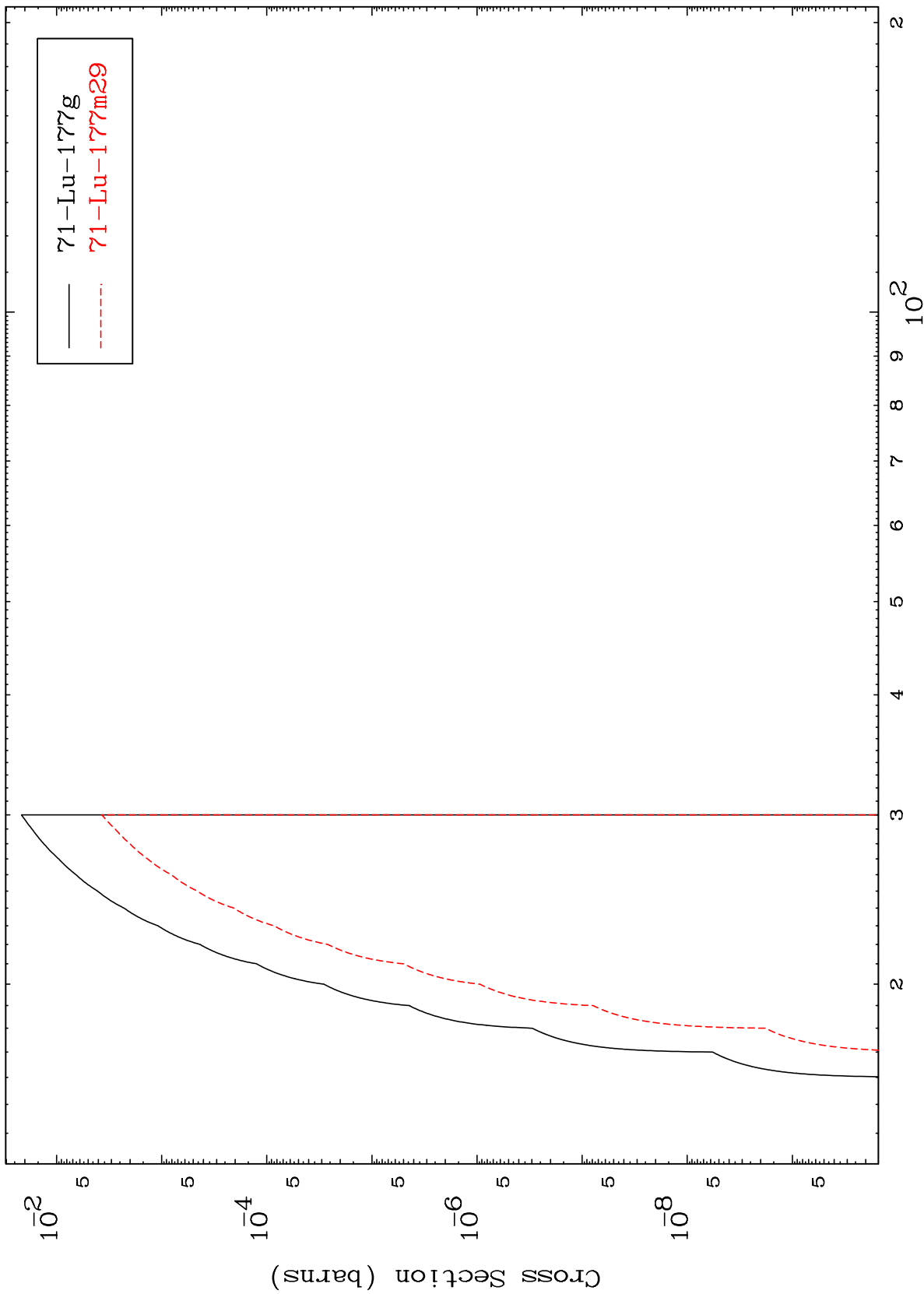


MAT 7240

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



124

Incident Energy (MeV)

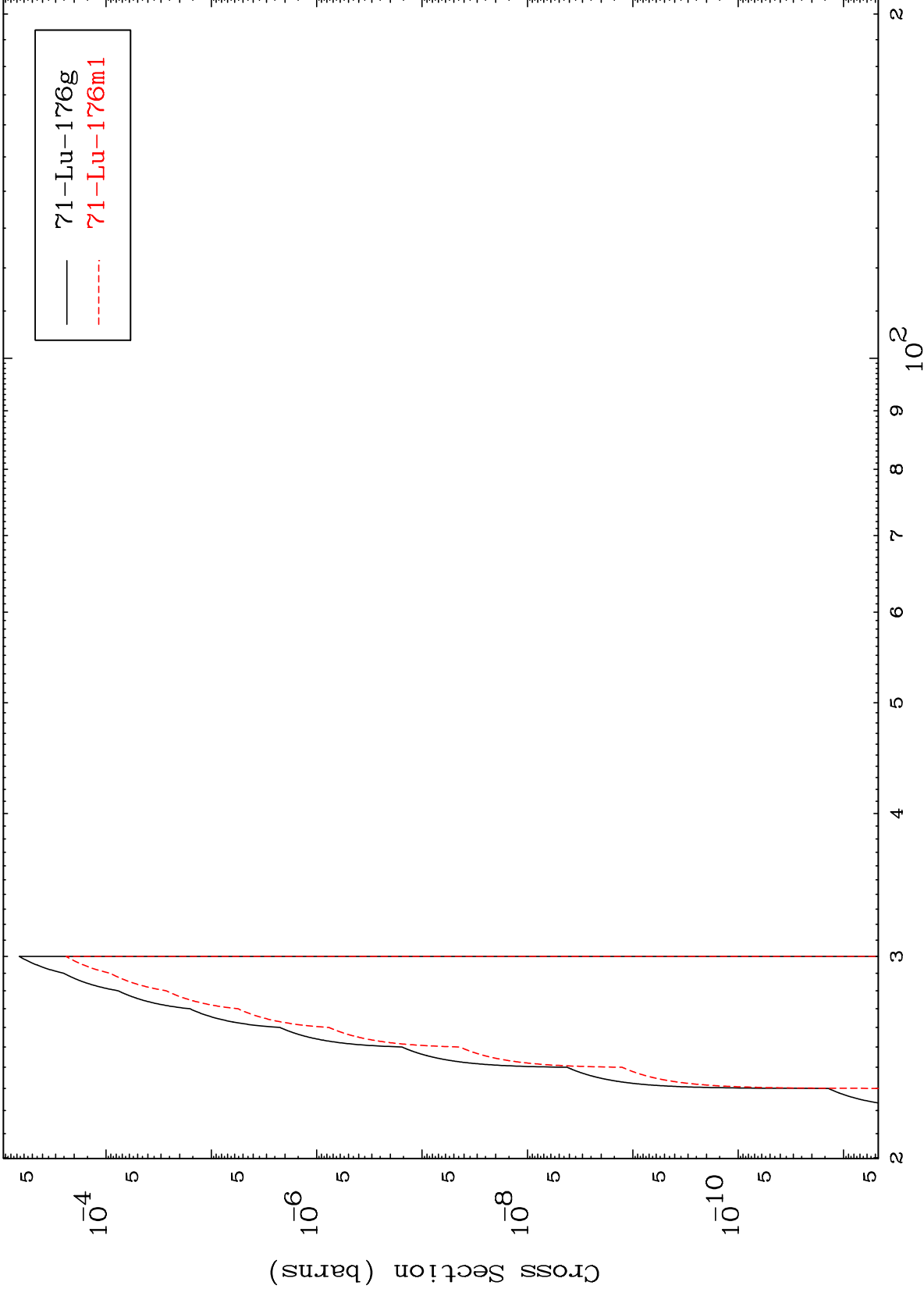
72-Hf-179

MAT 7240

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section

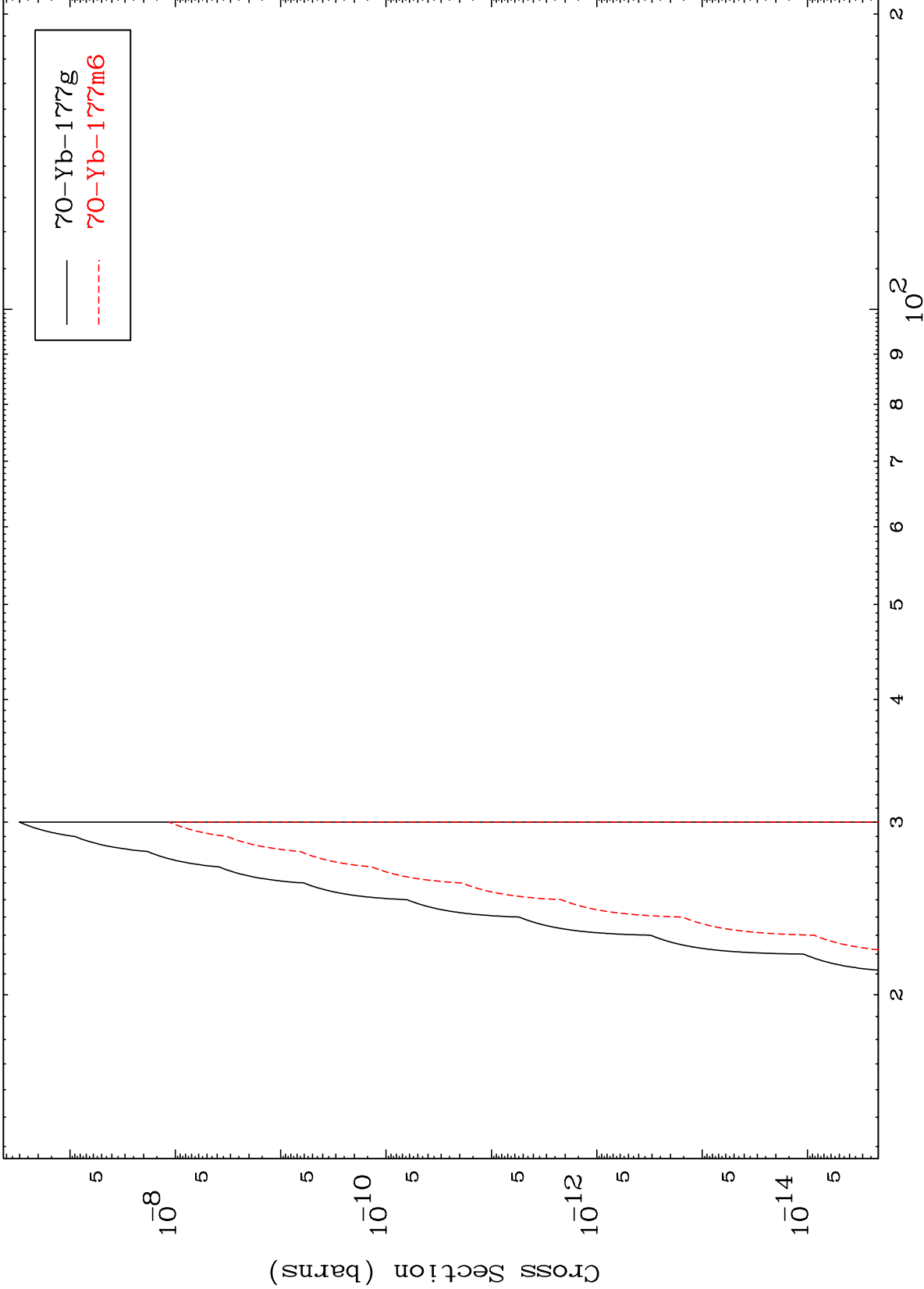


125

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section

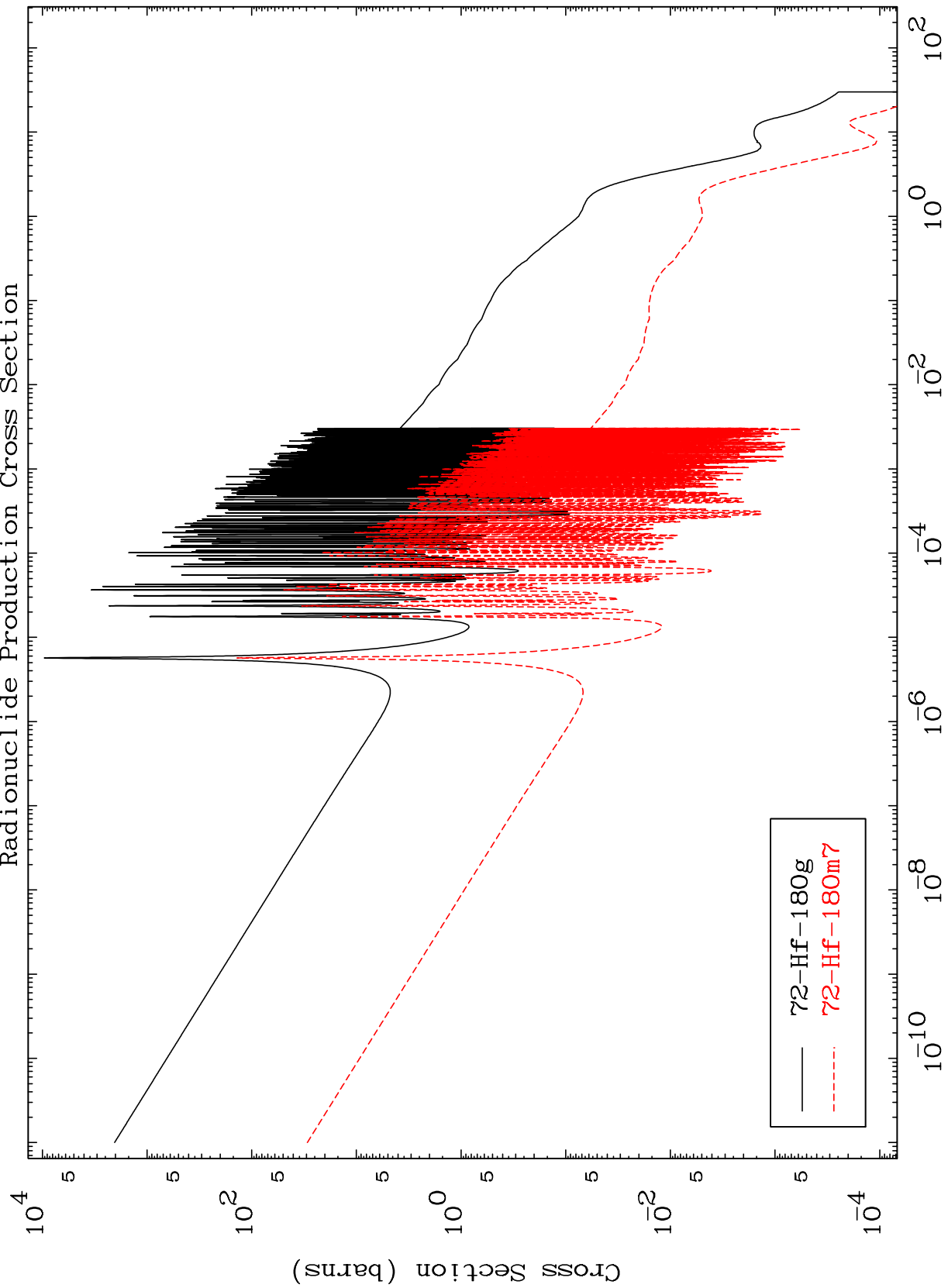


MAT 7240

72-Hf-179

Radionuclide Production Cross Section

(n, γ)

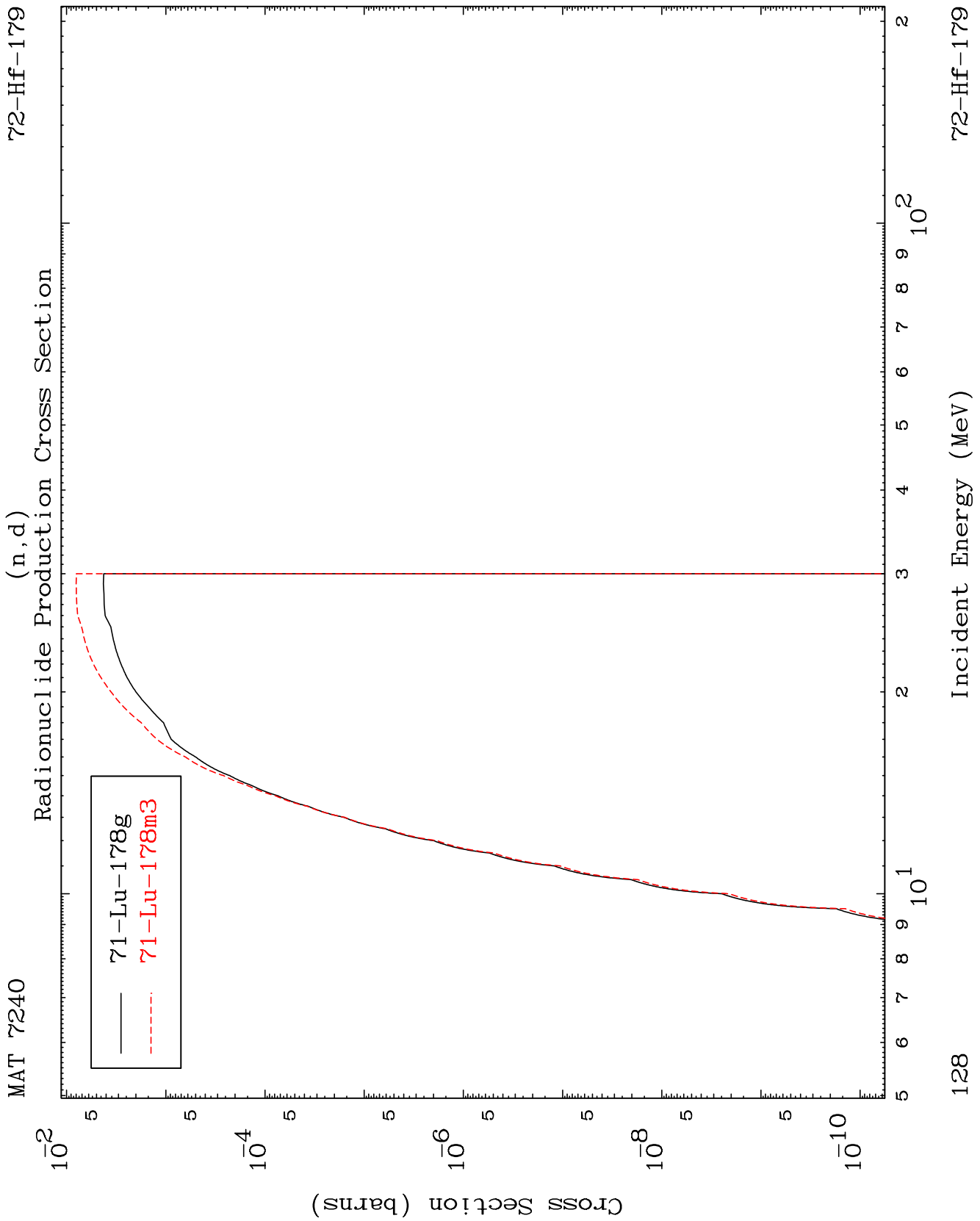


— 72-Hf-180g
- - - 72-Hf-180m7

72-Hf-179

Incident Energy (MeV)

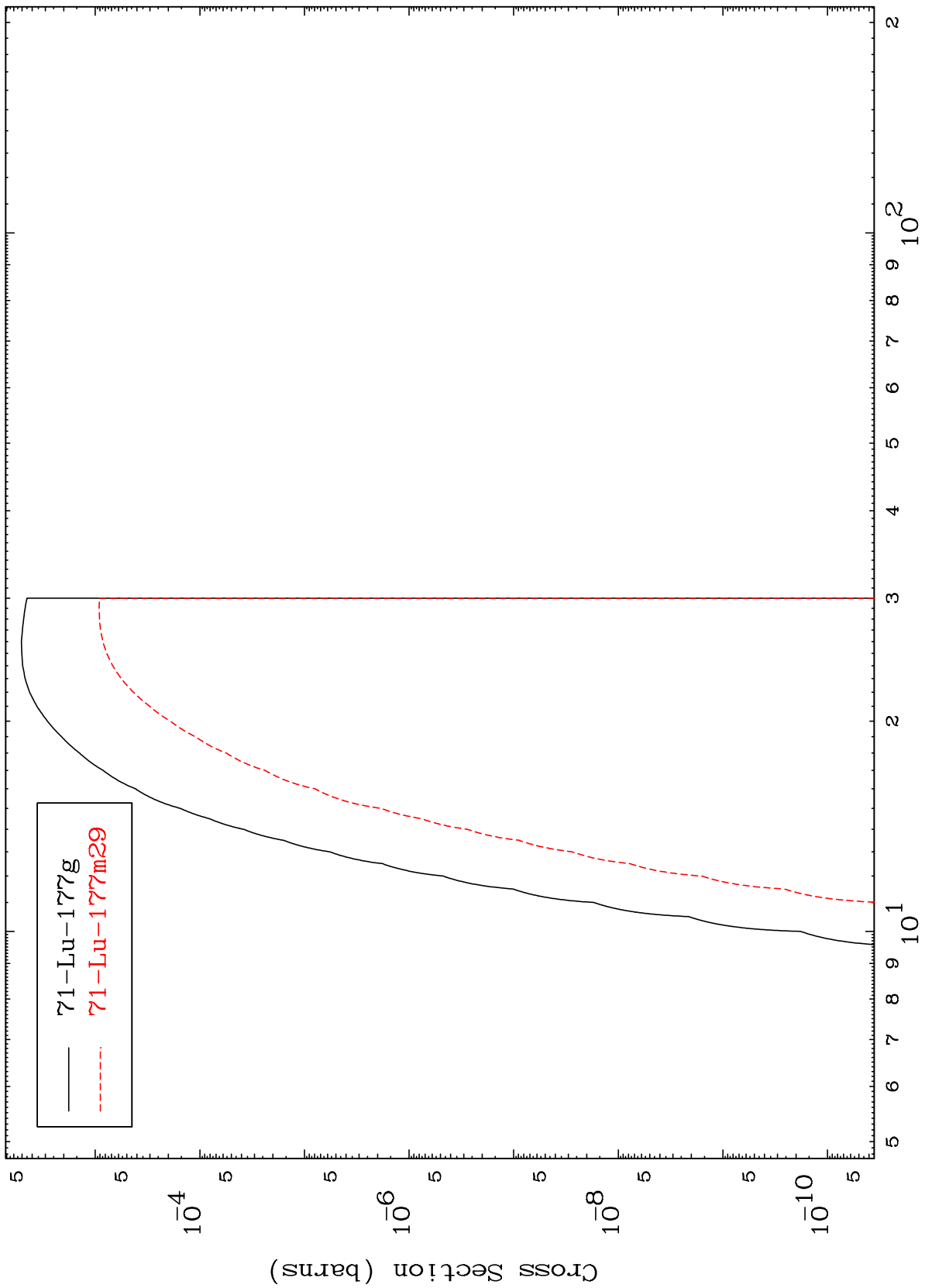
127



MAT 7240

72-Hf-179

(n, t)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

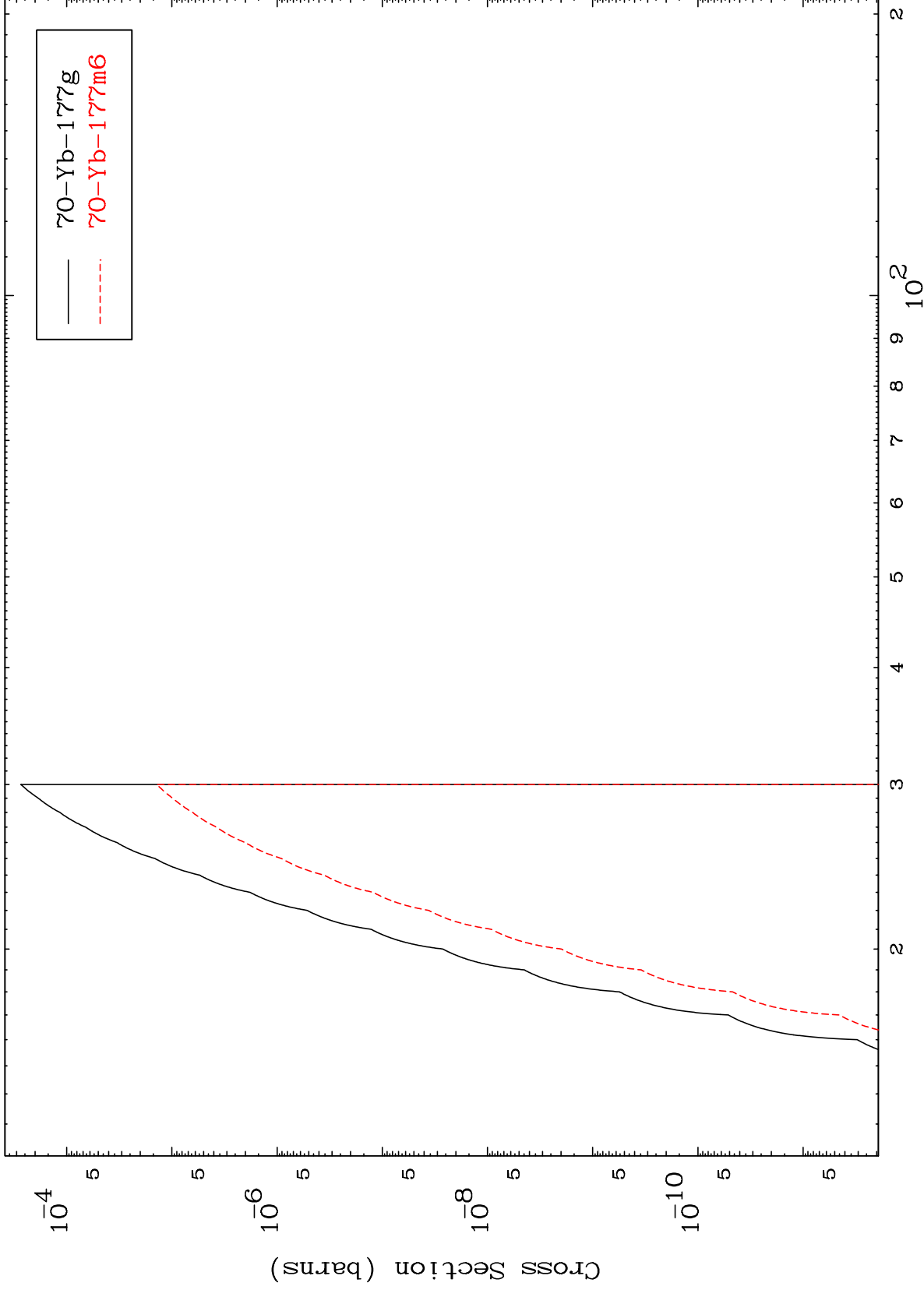
72-Hf-179

MAT 7240

(n,He-3)

72-Hf-179

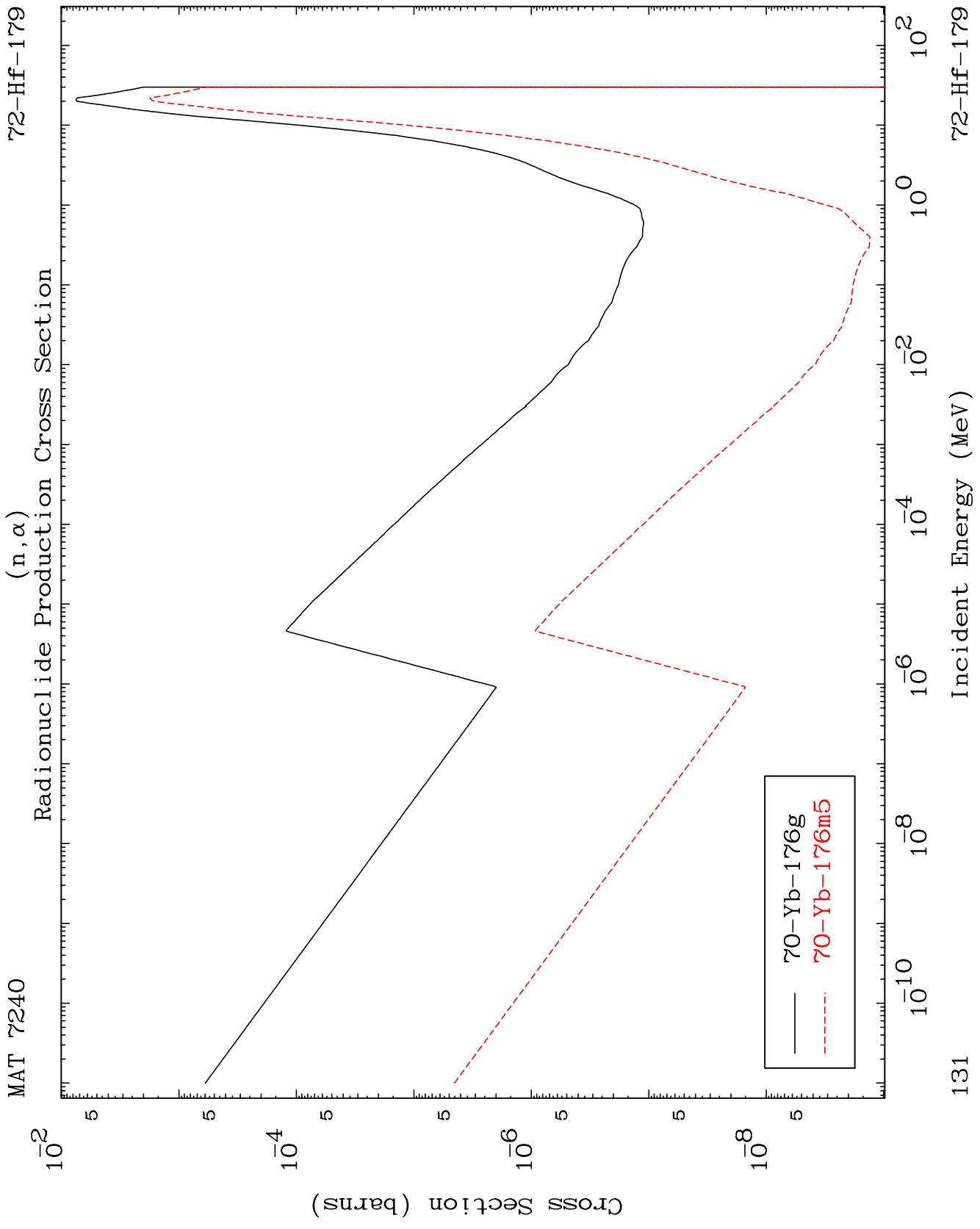
Radionuclide Production Cross Section



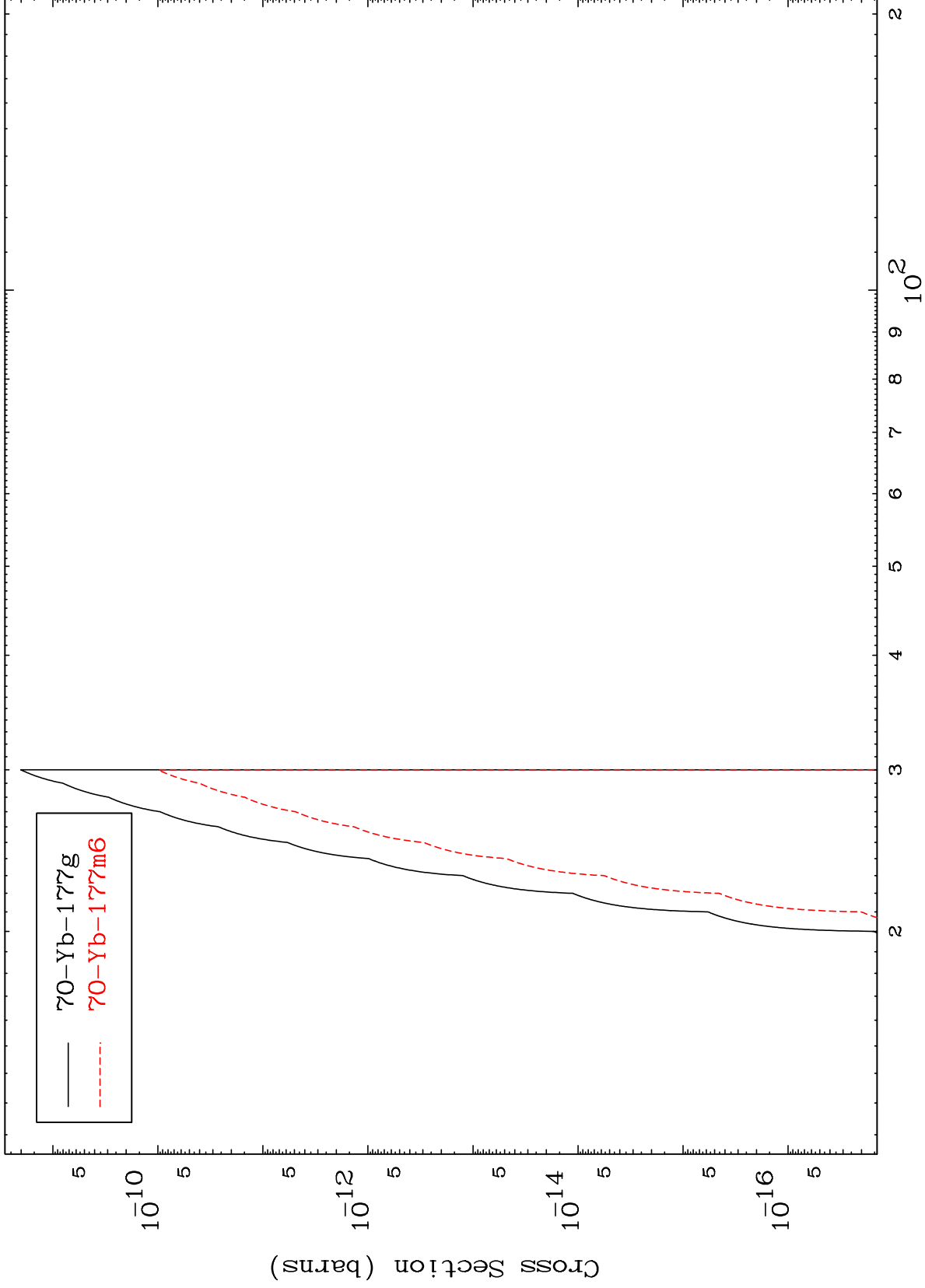
130

Incident Energy (MeV)

72-Hf-179



Radionuclide Production Cross Section



MAT 7240

(n,p) t

72-Hf-179

Radionuclide Production Cross Section

