

Program EVALPLOT  
(Version 2015-2)

by

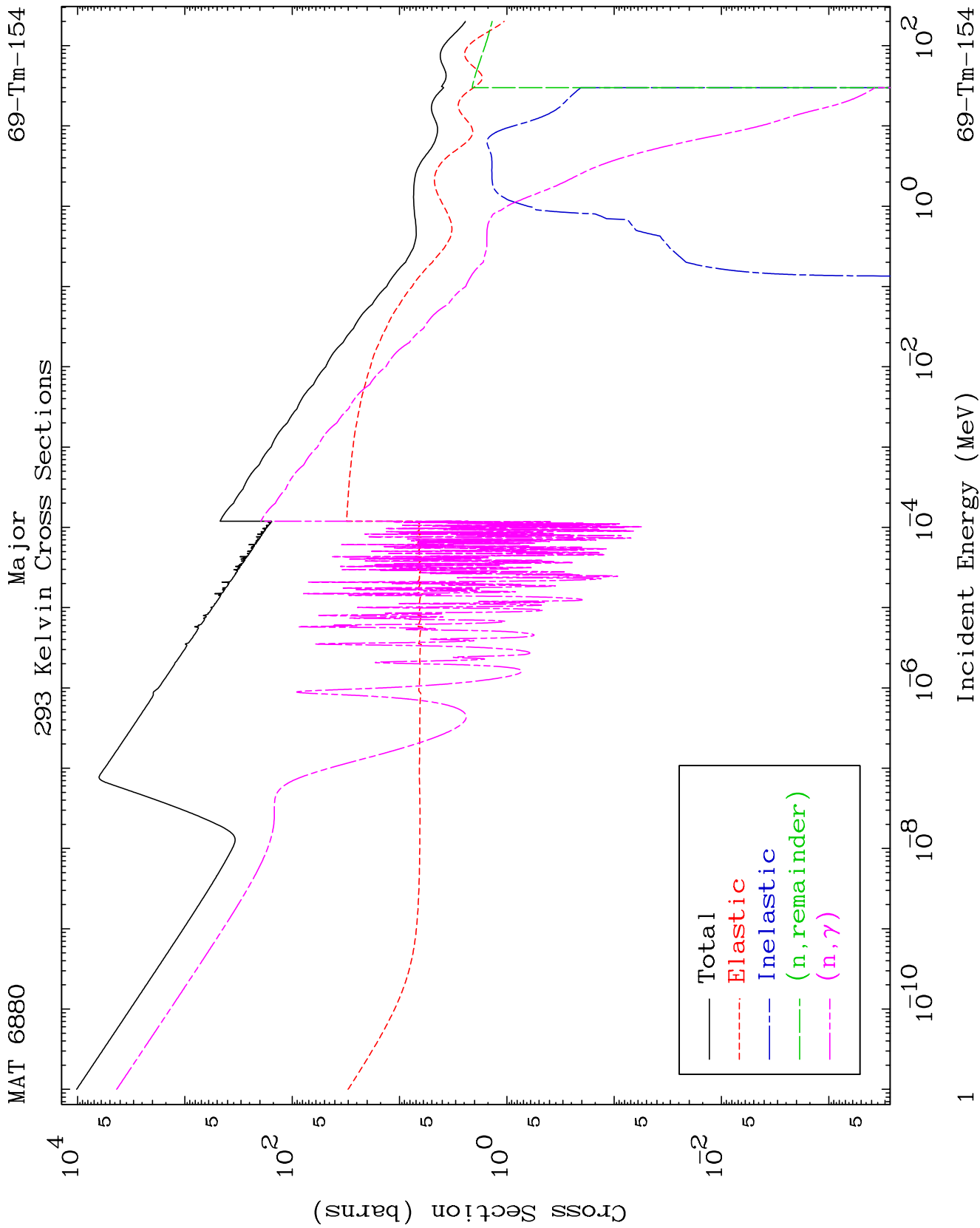
Dermott E. Cullen  
(Present Contact Information)

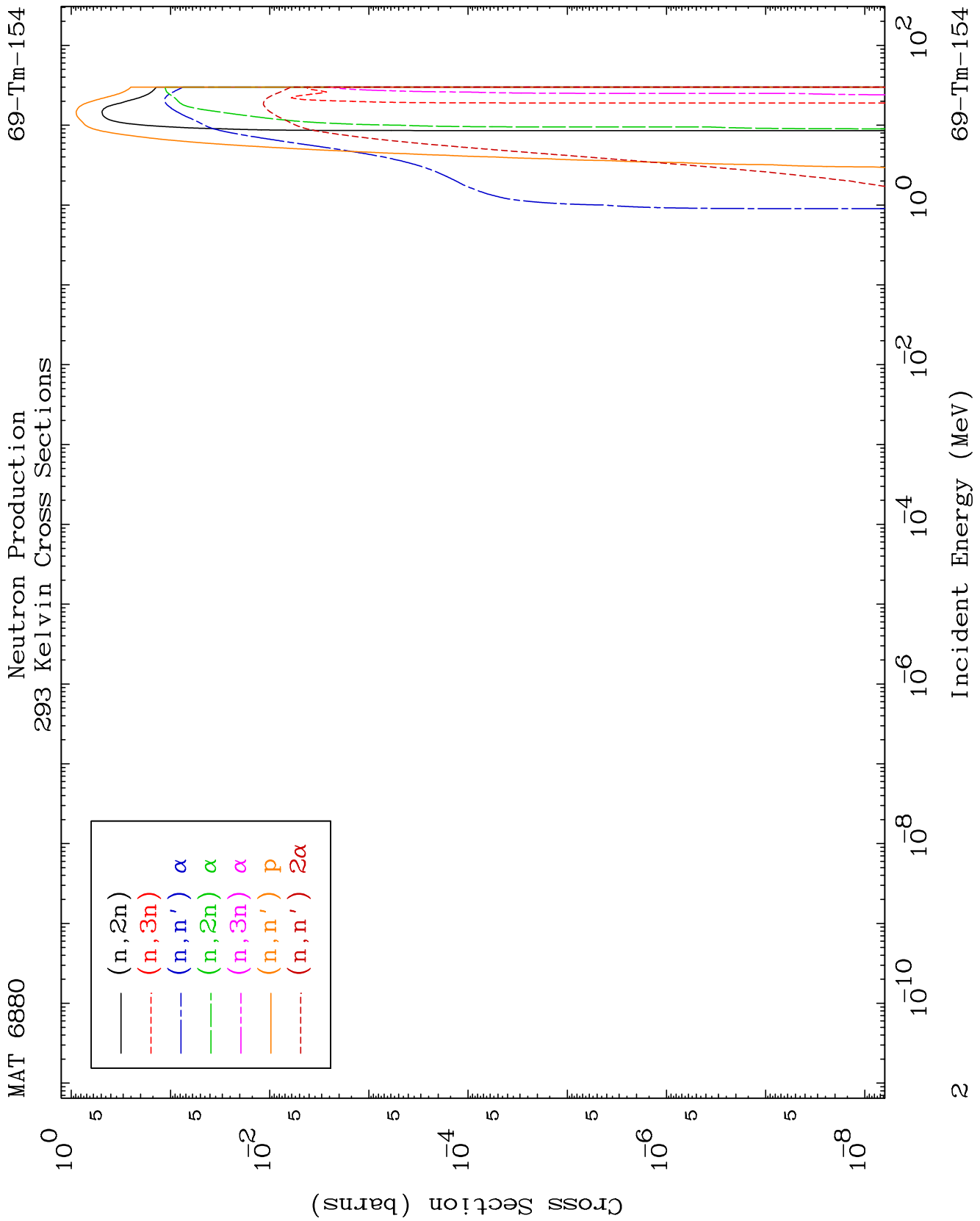
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E.Mail:redcullen1@comcast.net  
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Press Mouse Button to Start

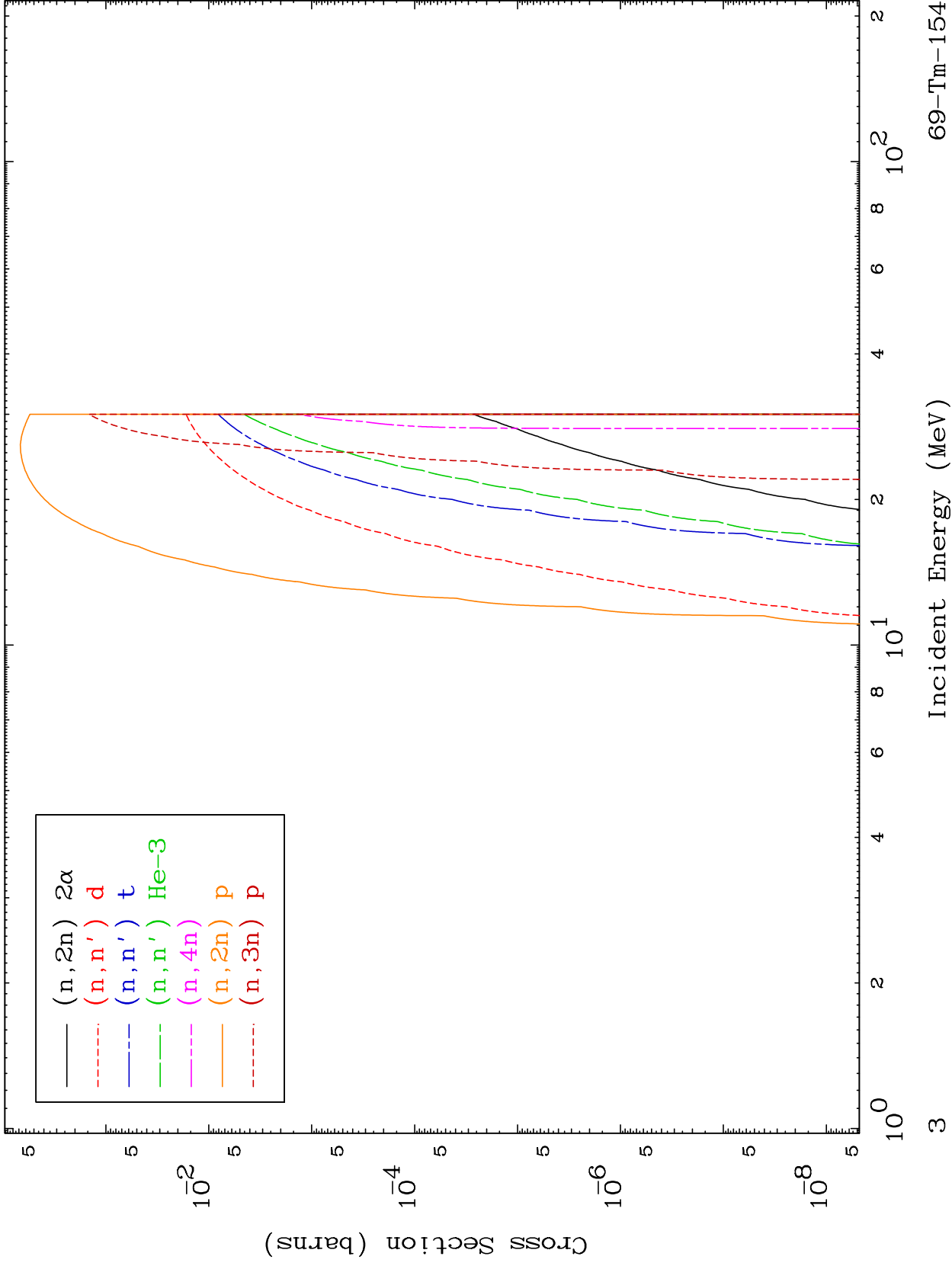


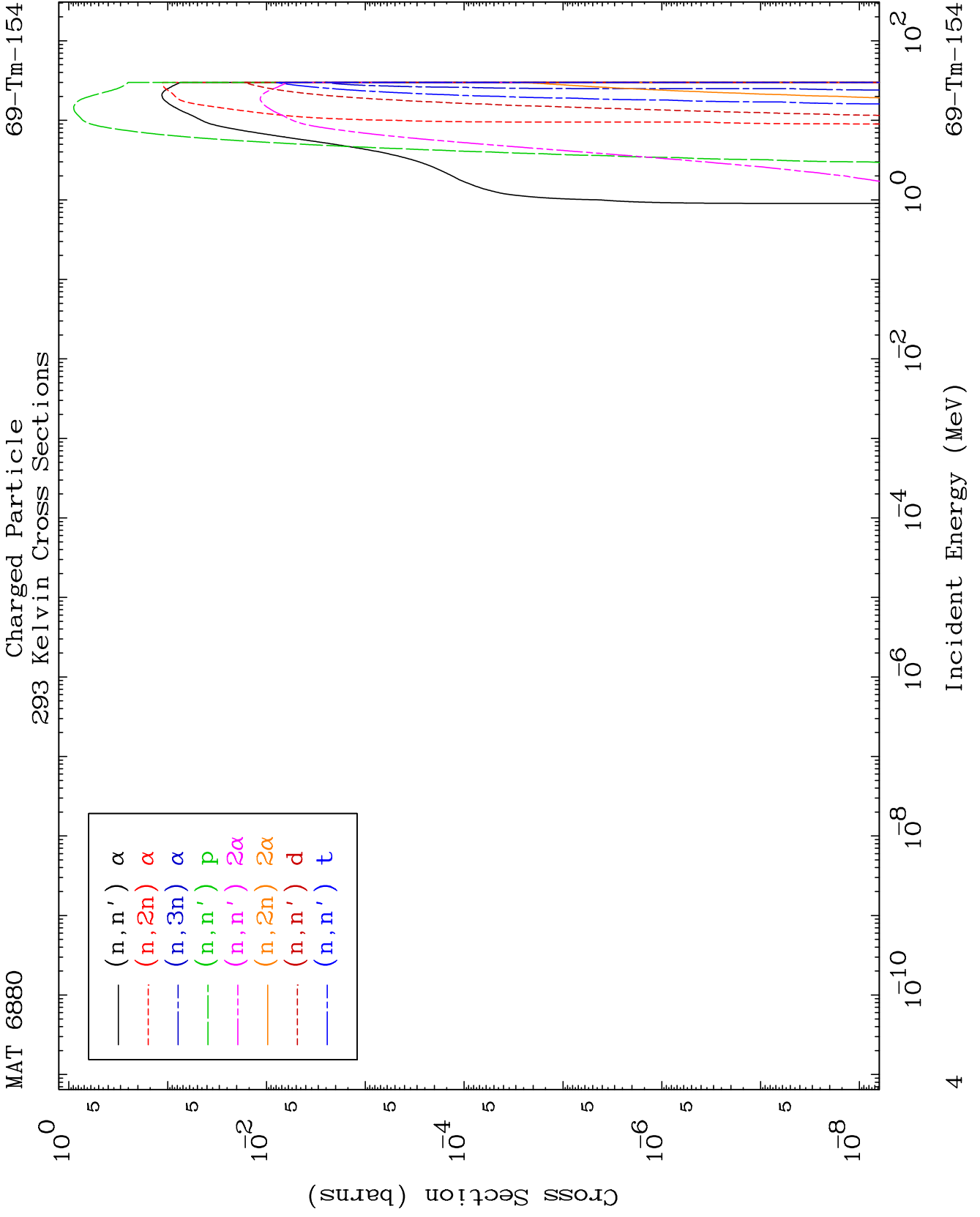


MAT 6880

Neutron Production  
293 Kelvin Cross Sections

69-Tm-154

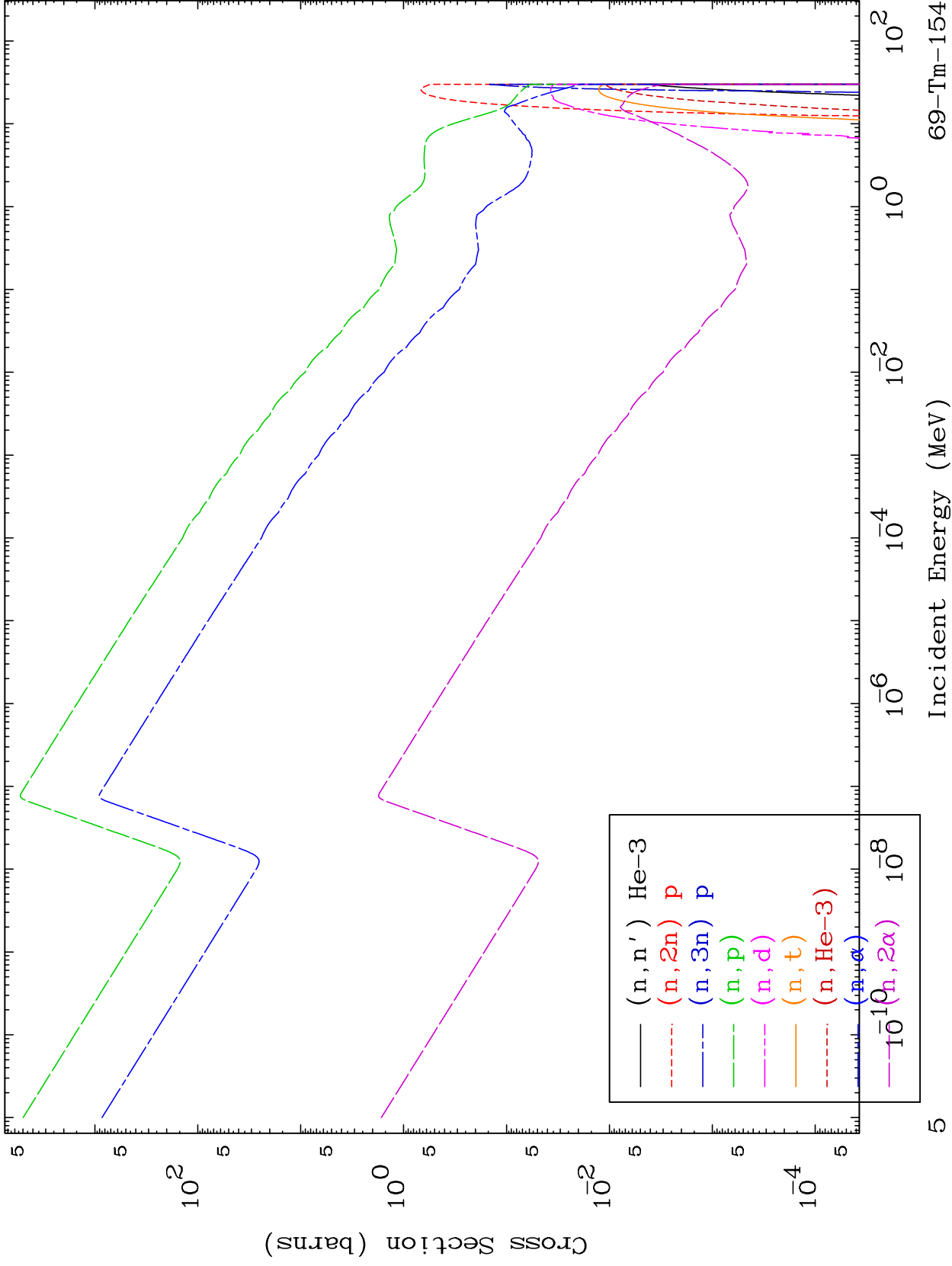




MAT 6880

Charged Particle  
293 Kelvin Cross Sections

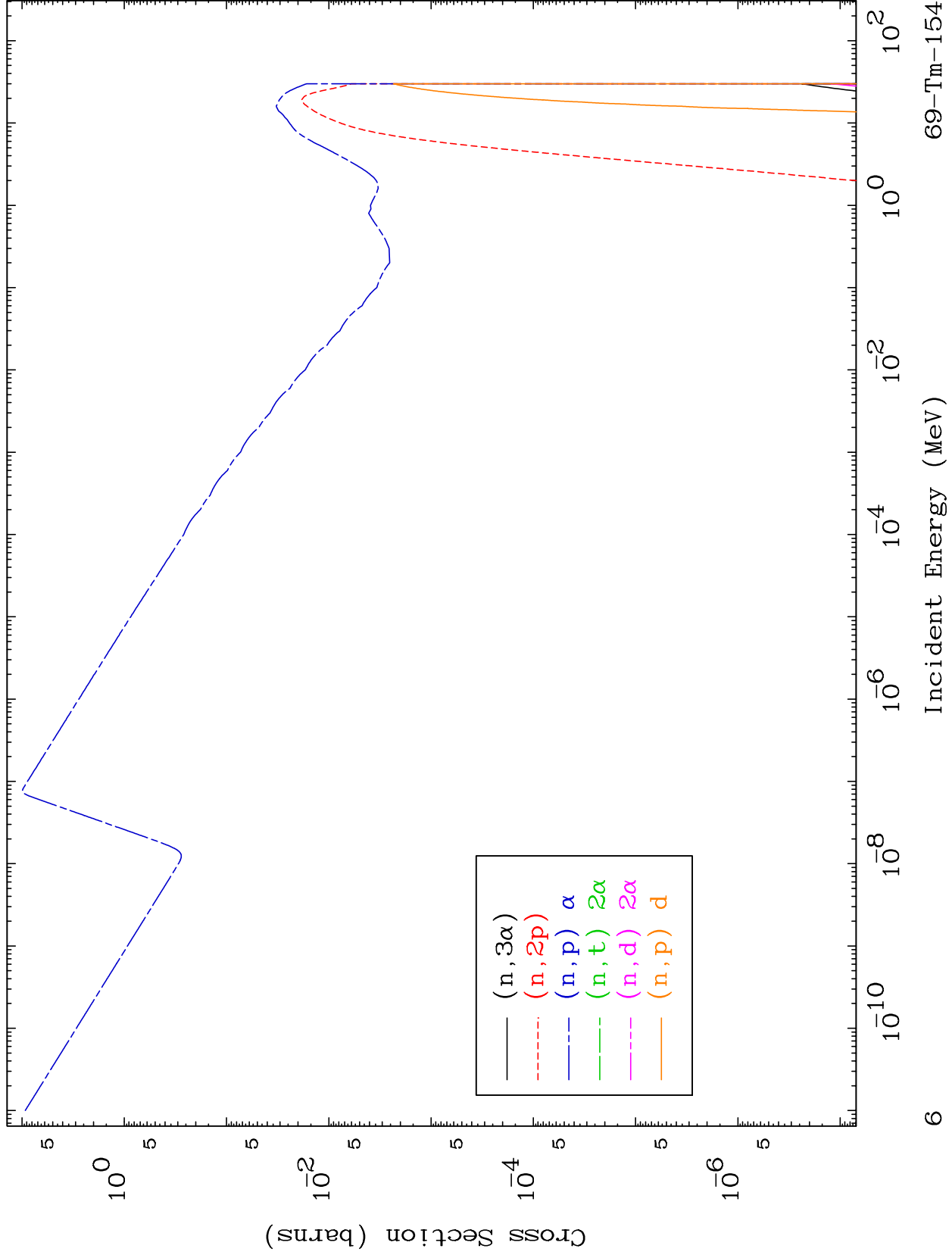
69-Tm-154



MAT 6880

Charged Particle  
293 Kelvin Cross Sections

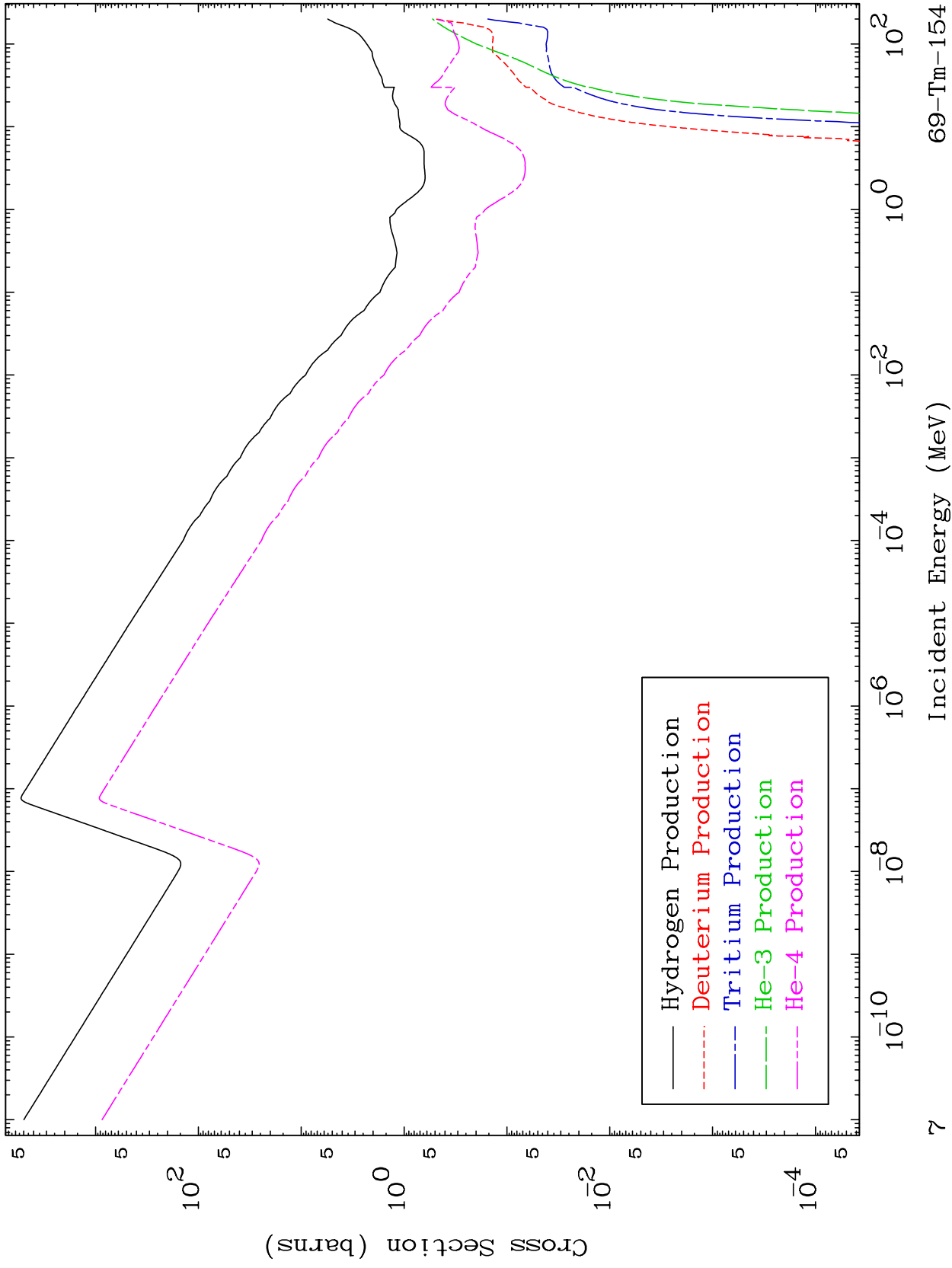
69-Tm-154



MAT 6880

Particle Production  
293 Kelvin Cross Sections

69-Tm-154

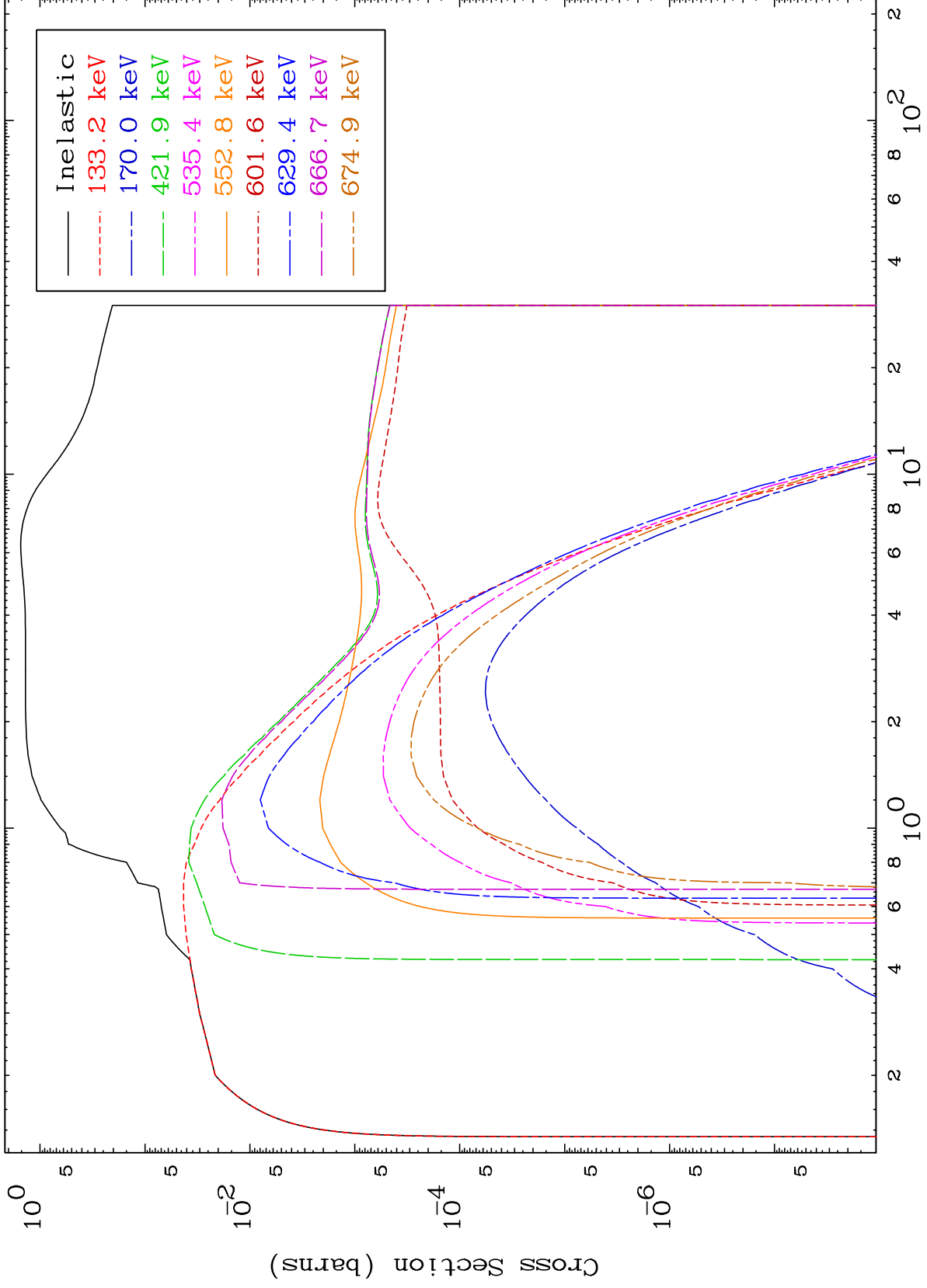




MAT 6880

(n,n') Level  
293 Kelvin Cross Sections

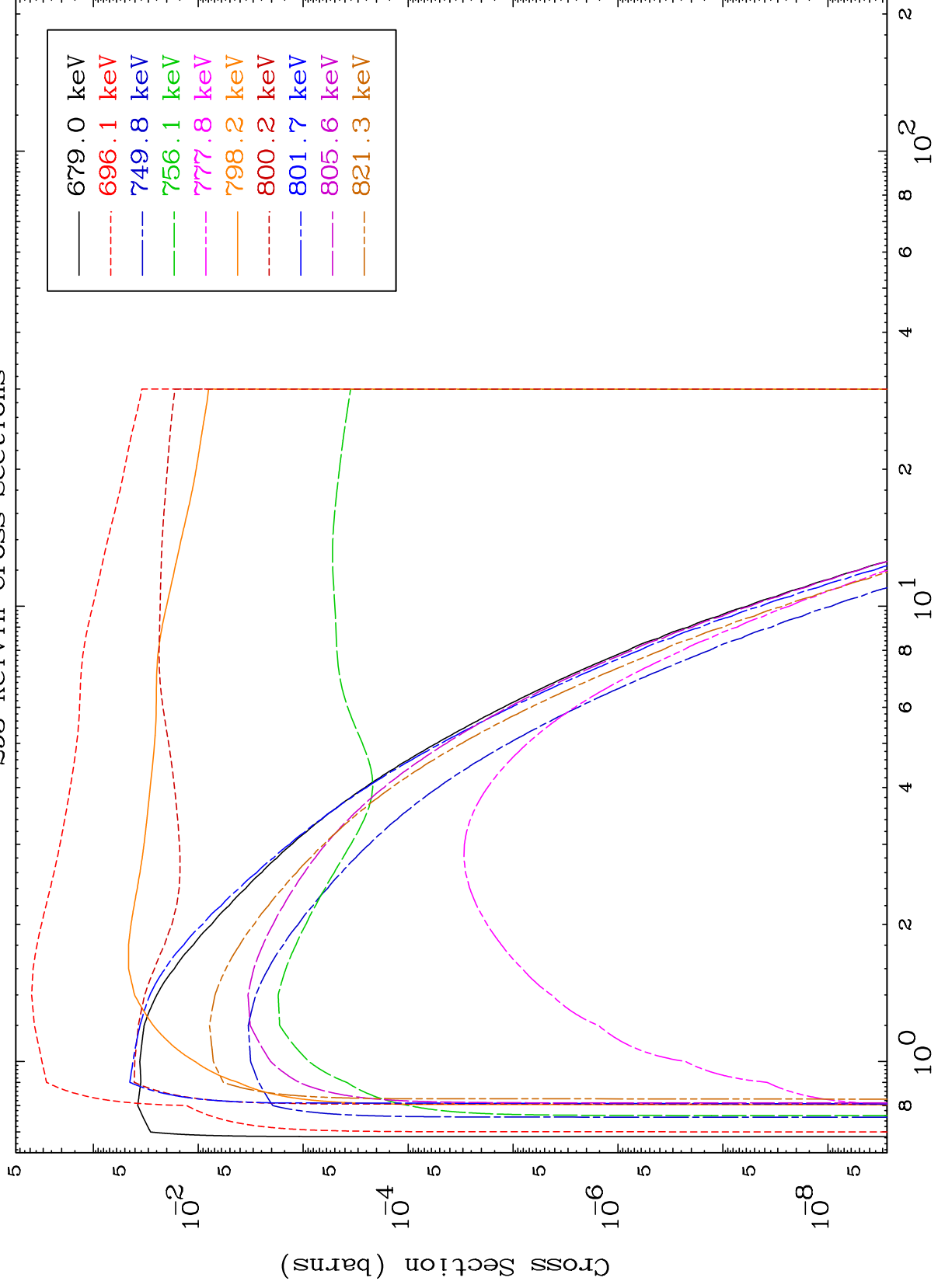
69-Tm-154



MAT 6880

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-154



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Incident Energy (MeV)

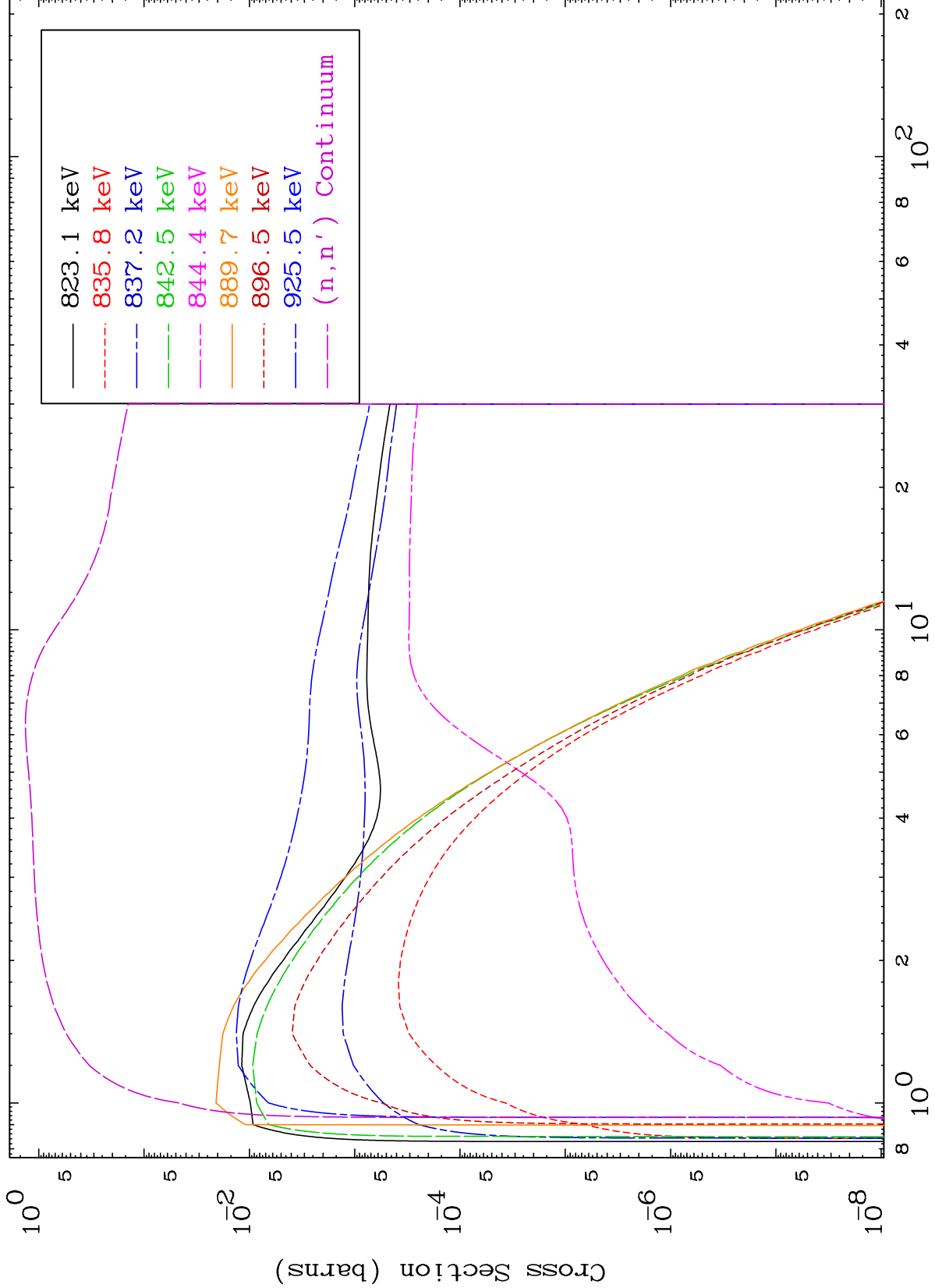
69-Tm-154

MAT 6880

(n,n') Level

69-Tm-154

293 Kelvin Cross Sections



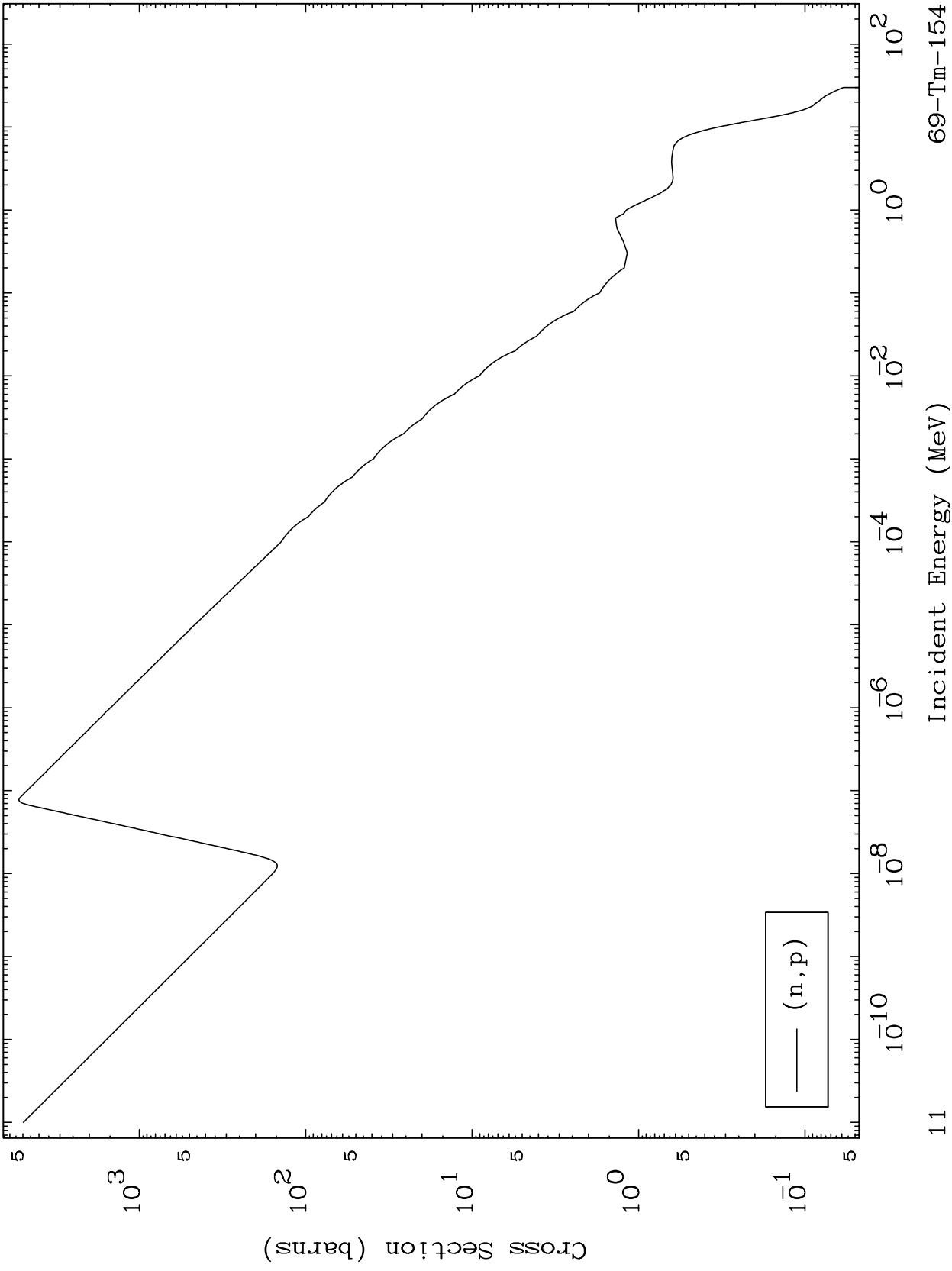
Incident Energy (MeV)

69-Tm-154

MAT 6880

(n,p) Levels  
293 Kelvin Cross Sections

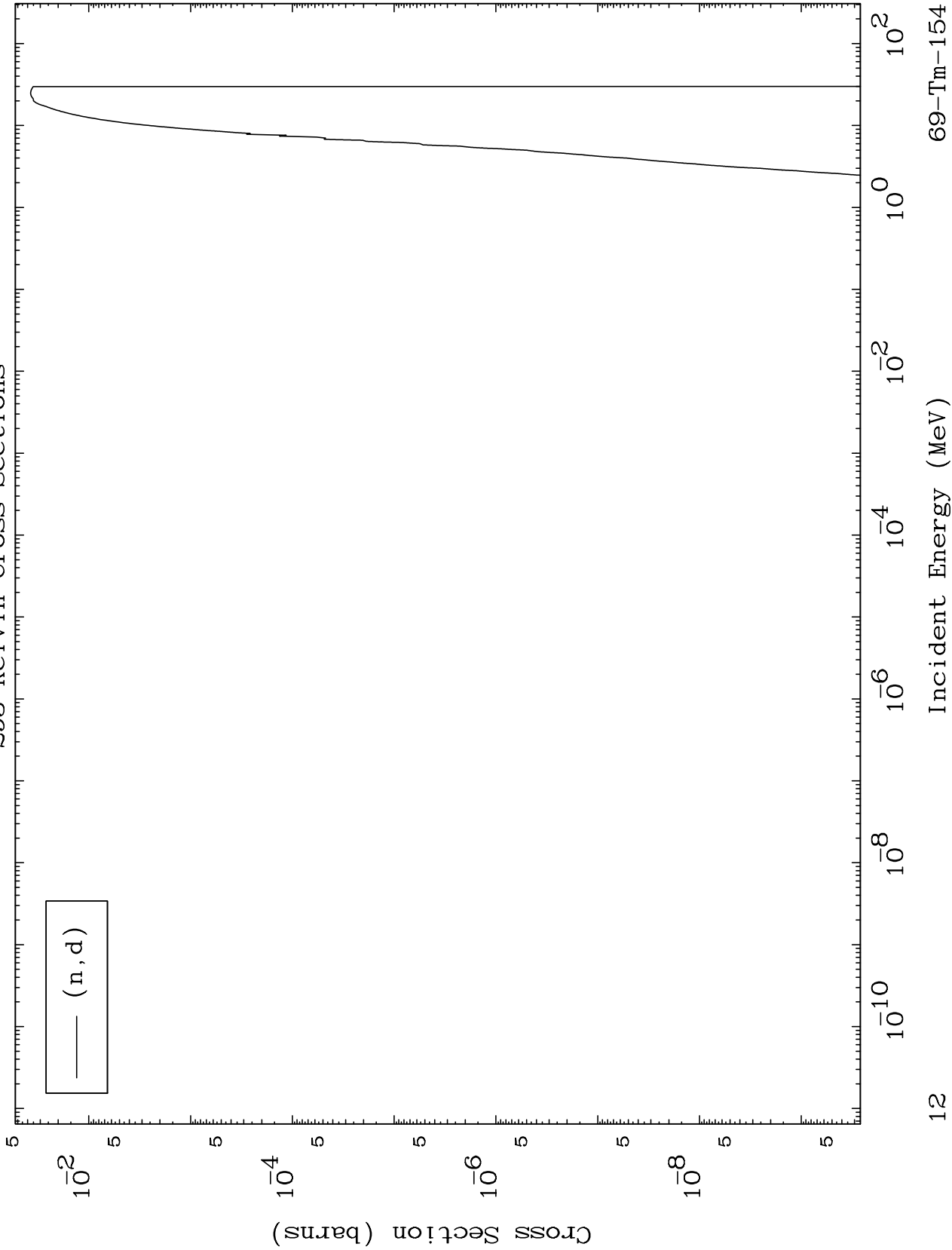
69-Tm-154



MAT 6880

(n,d) Levels  
293 Kelvin Cross Sections

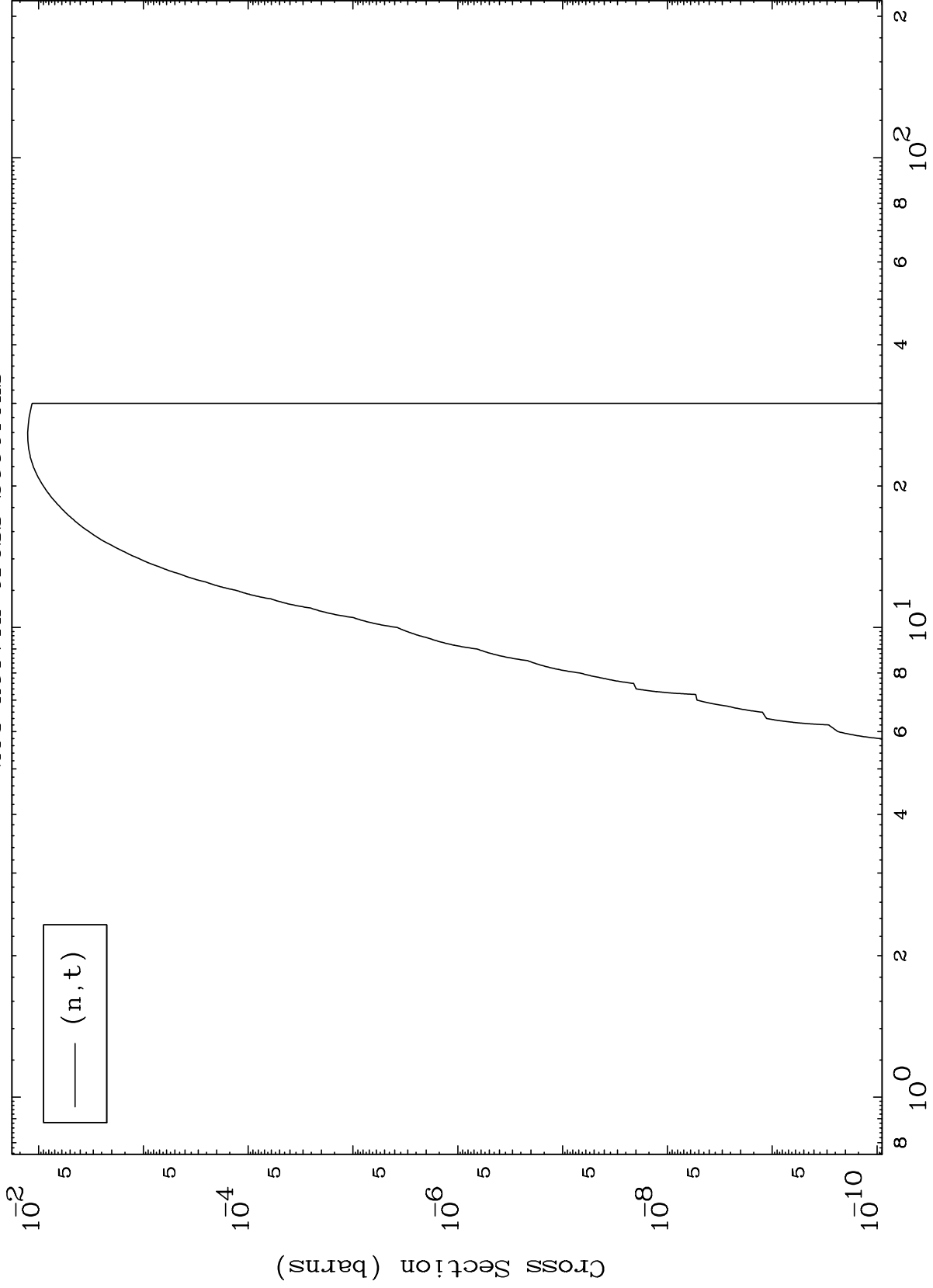
69-Tm-154



MAT 6880

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-154



13

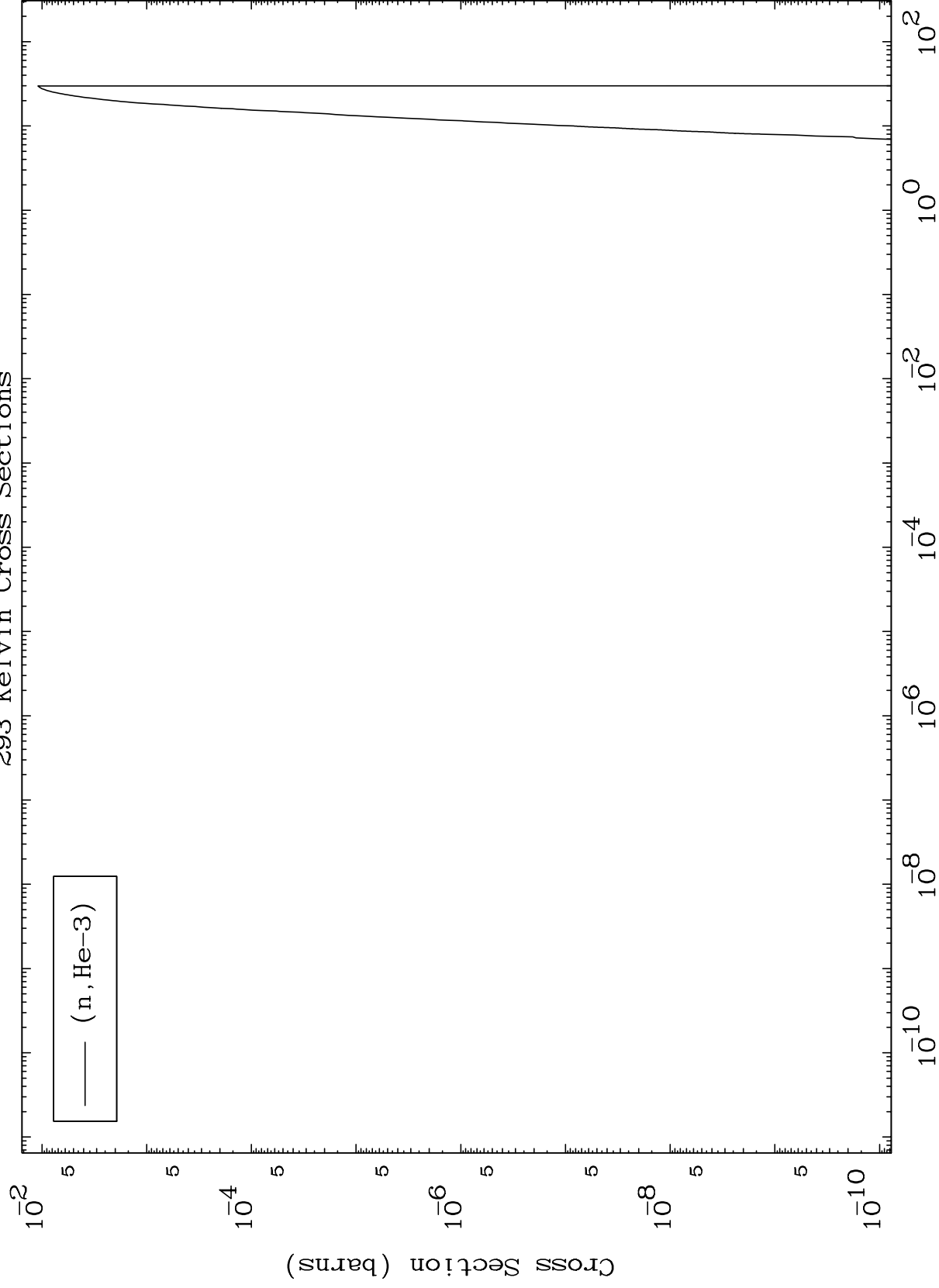
Incident Energy (MeV)

69-Tm-154

MAT 6880

(n,He3) Levels  
293 Kelvin Cross Sections

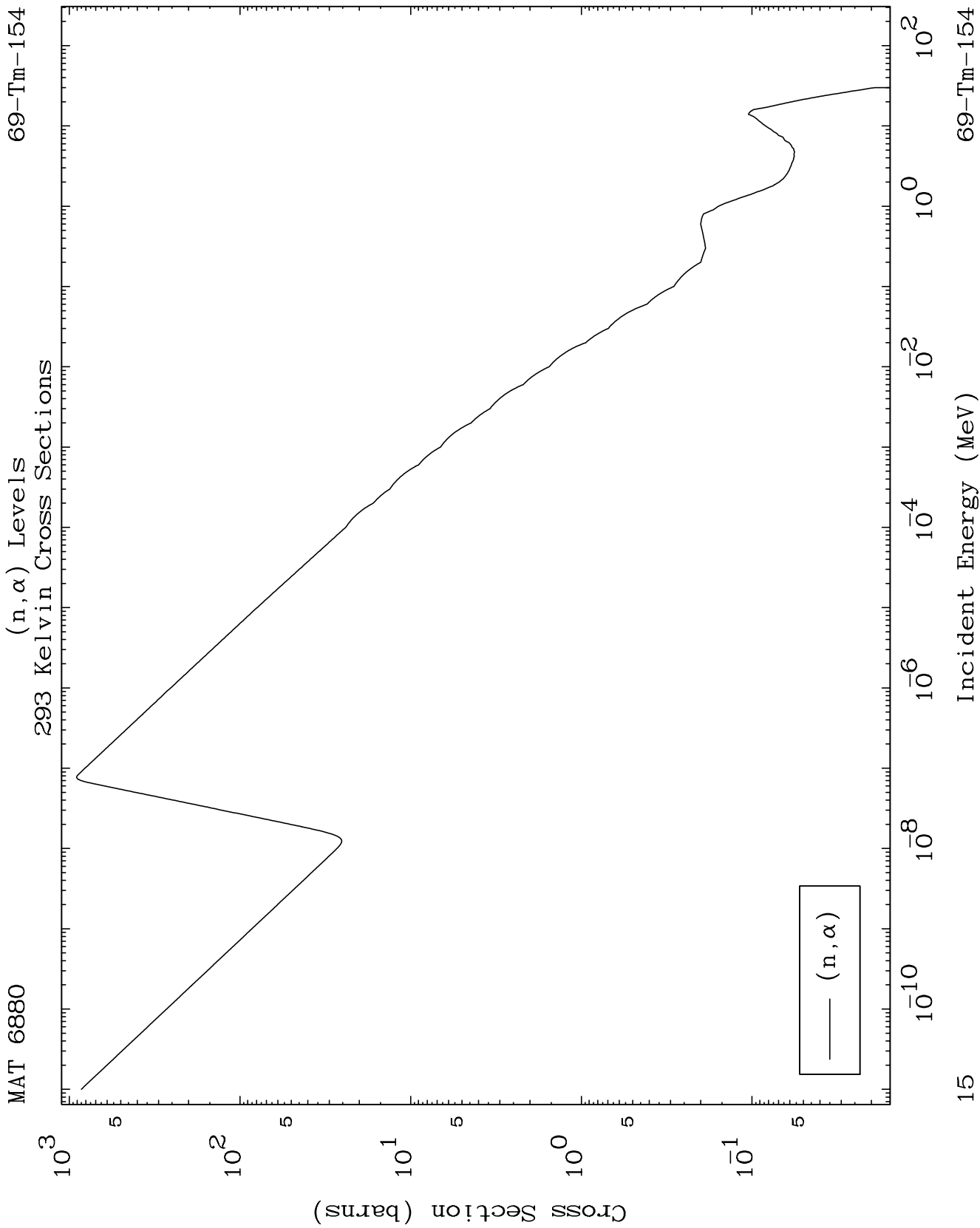
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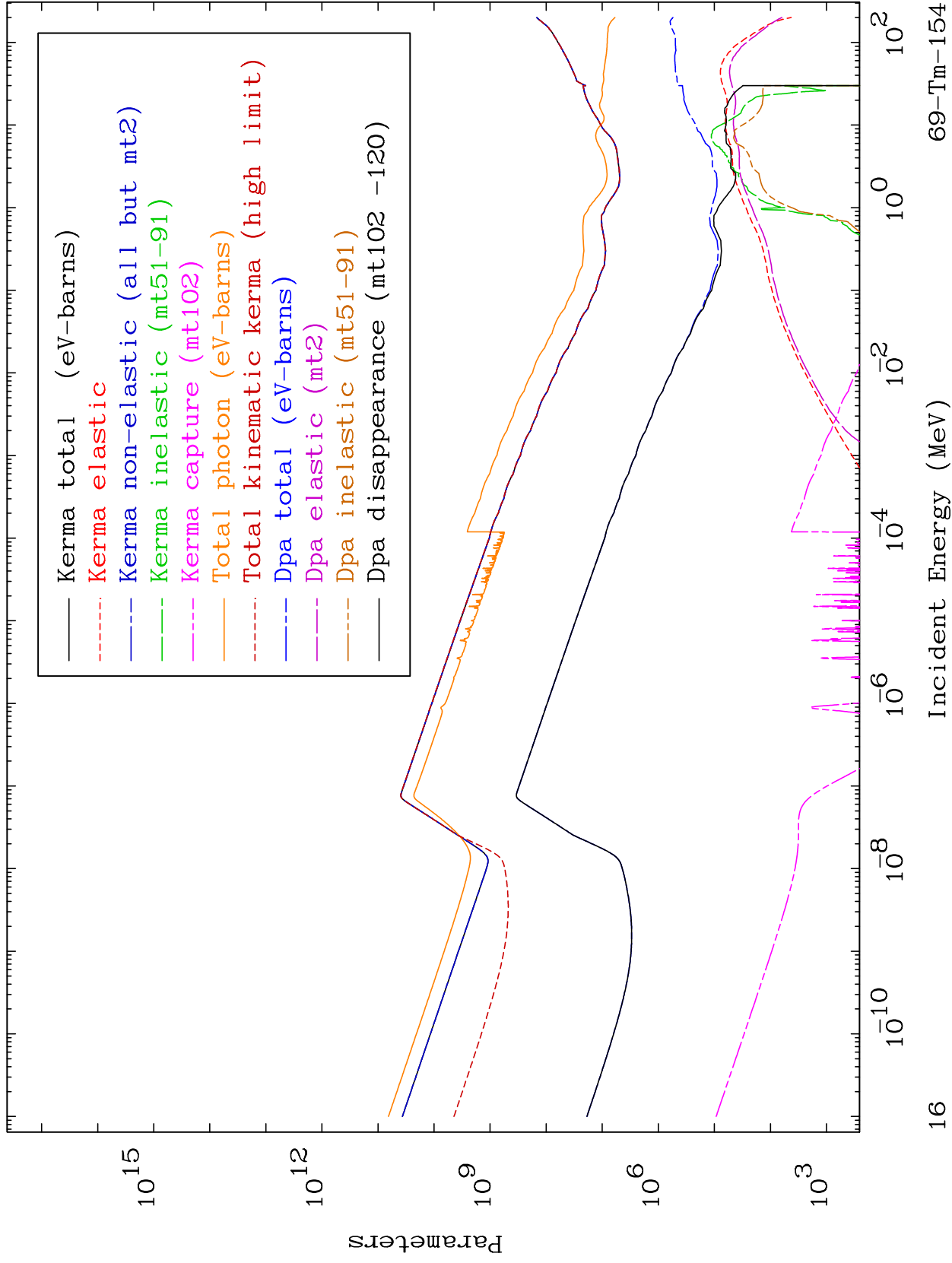
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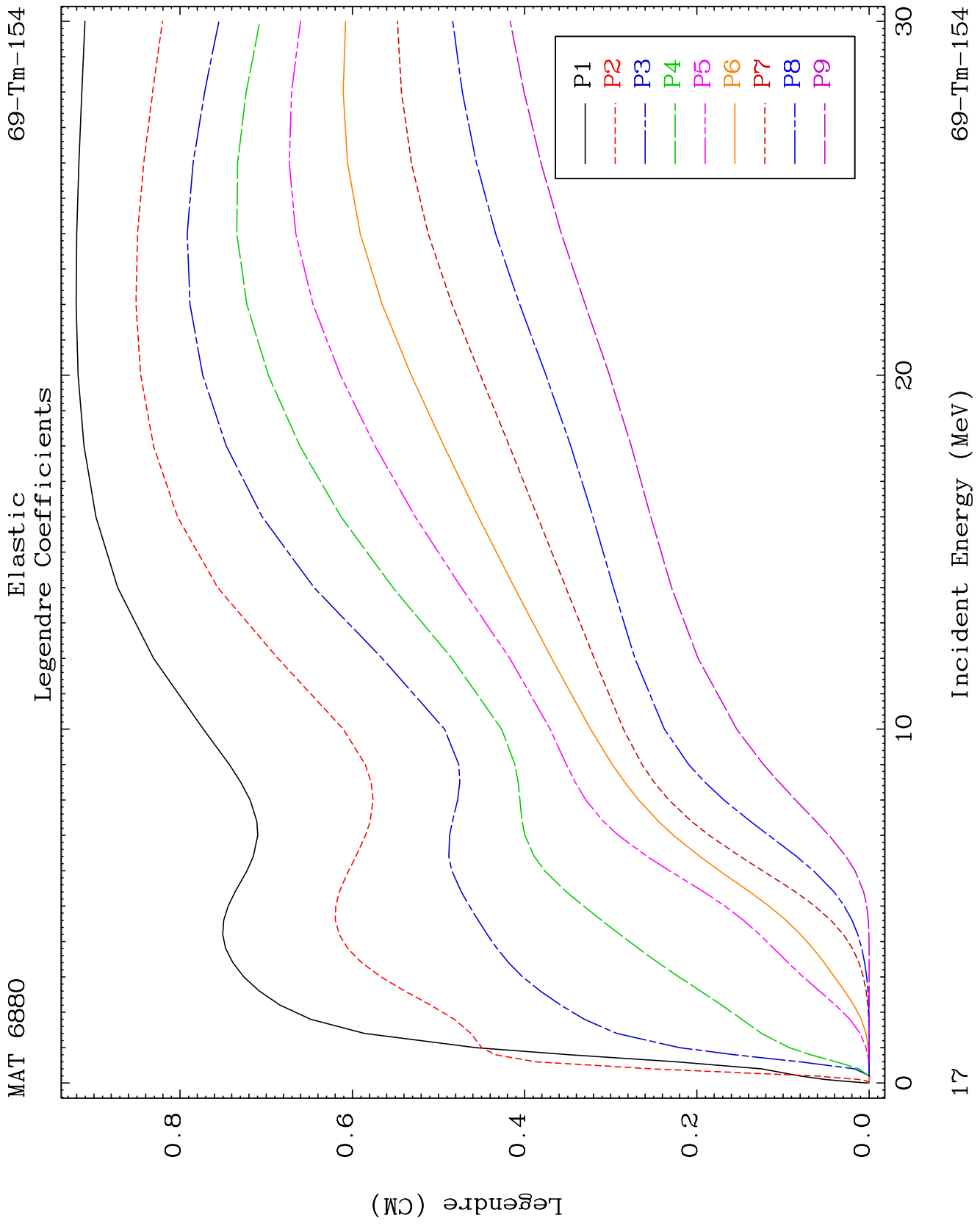
Incident Energy (MeV)

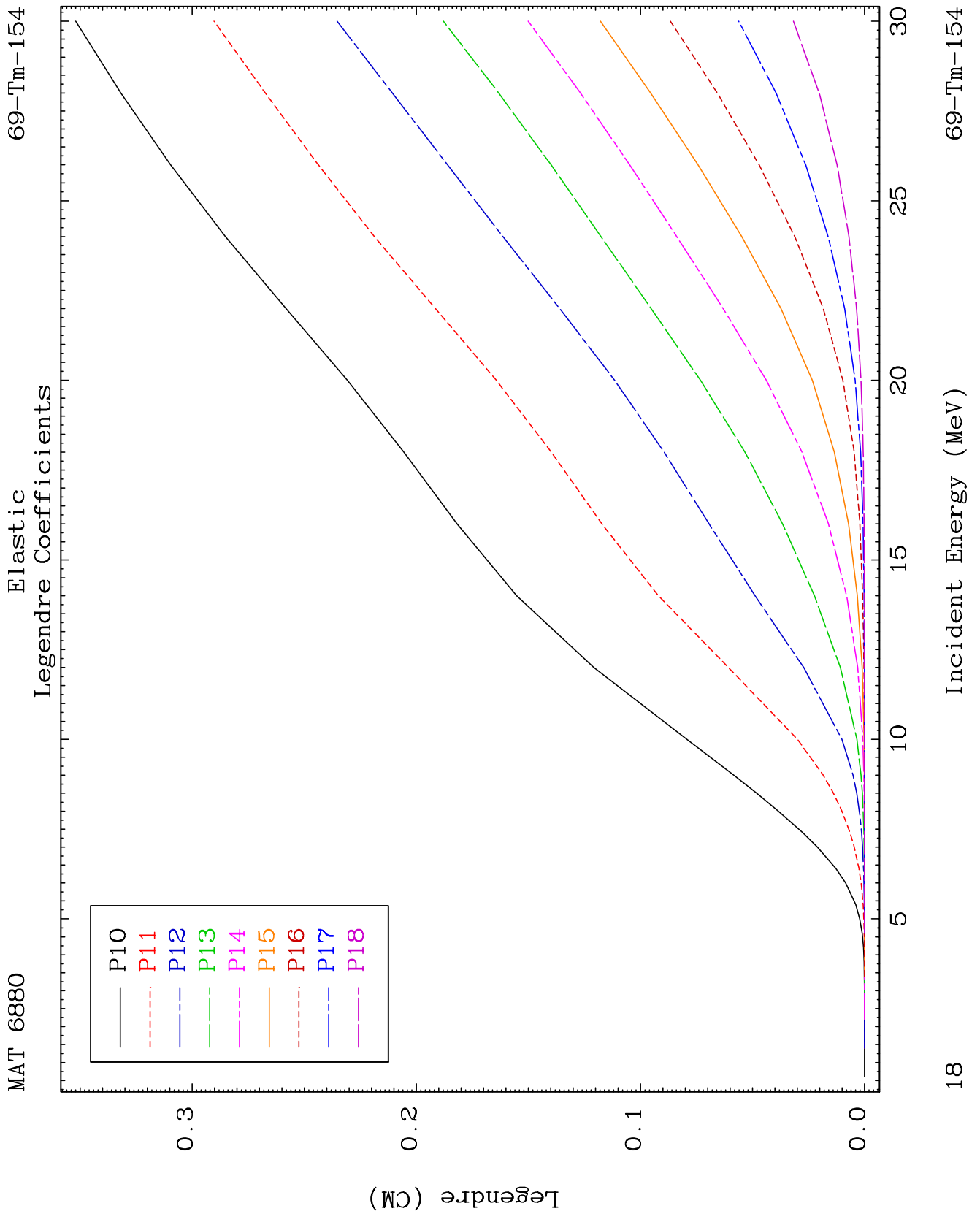
69-Tm-154







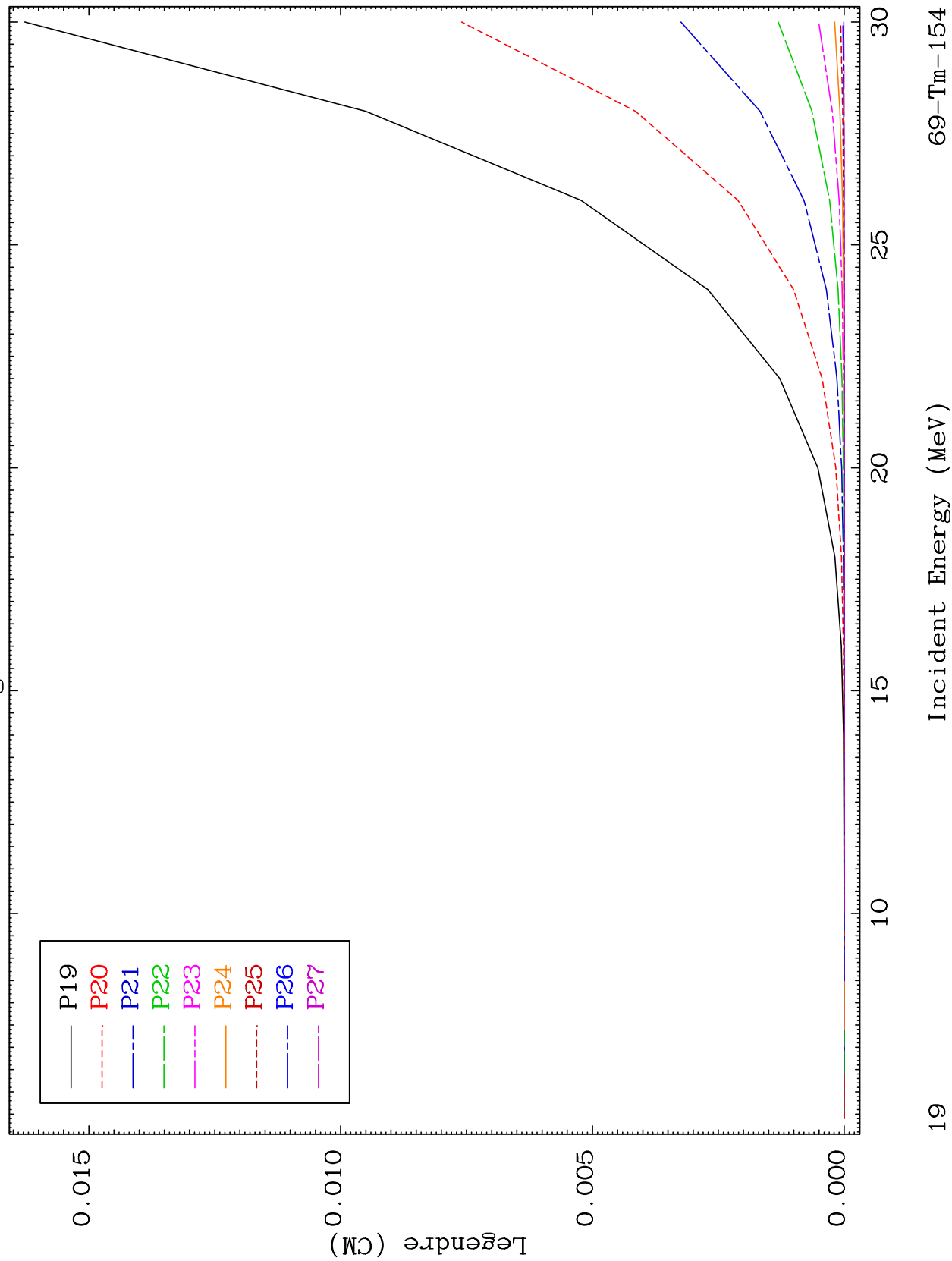




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Elastic Legendre Coefficients

69-Tm-154



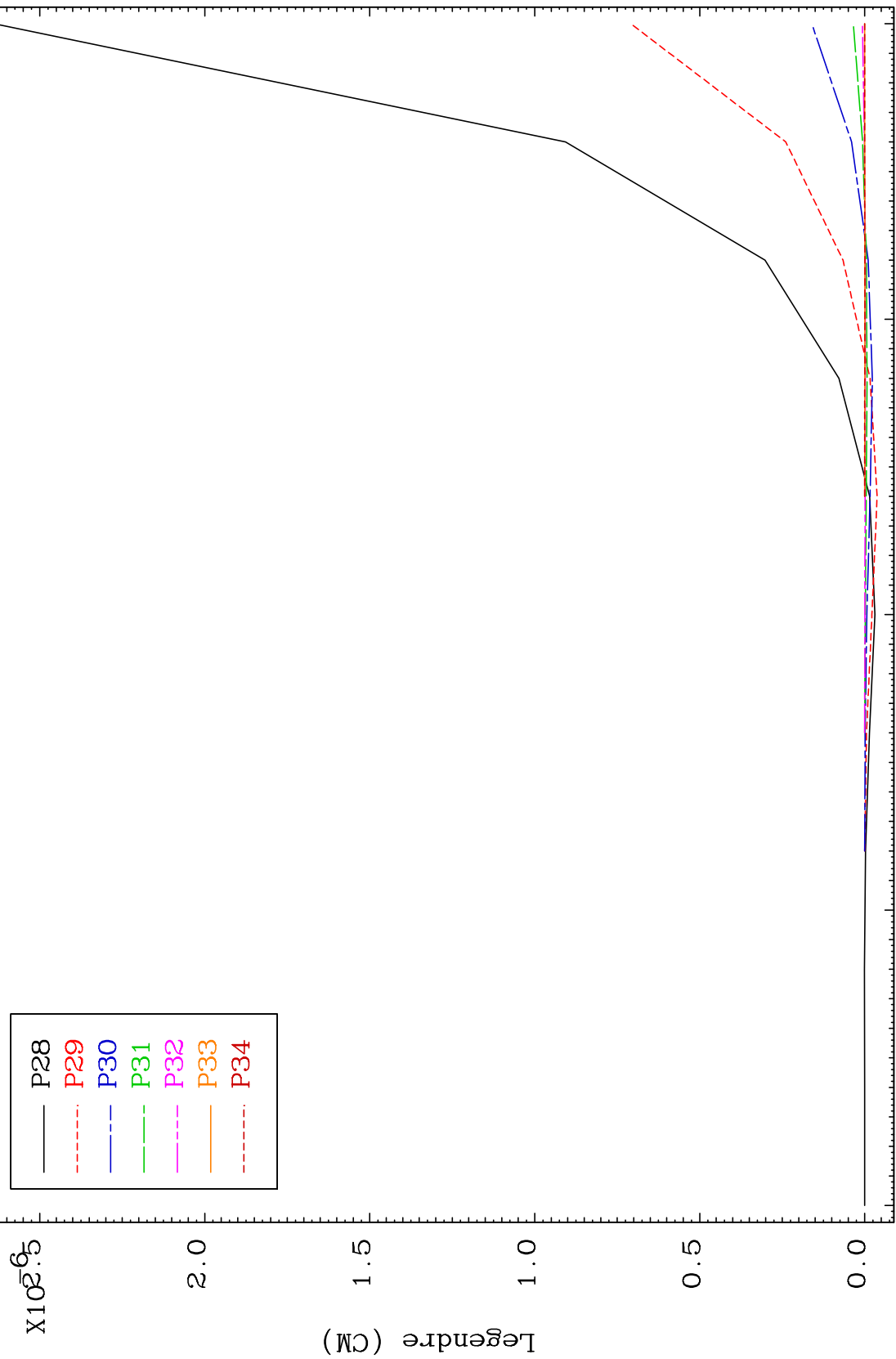
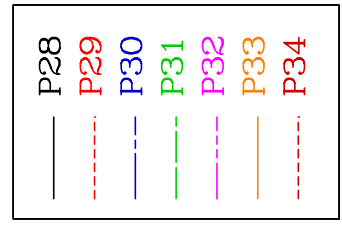
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69-Tm-154

MAT 6880

Elastic Legendre Coefficients

69-Tm-154

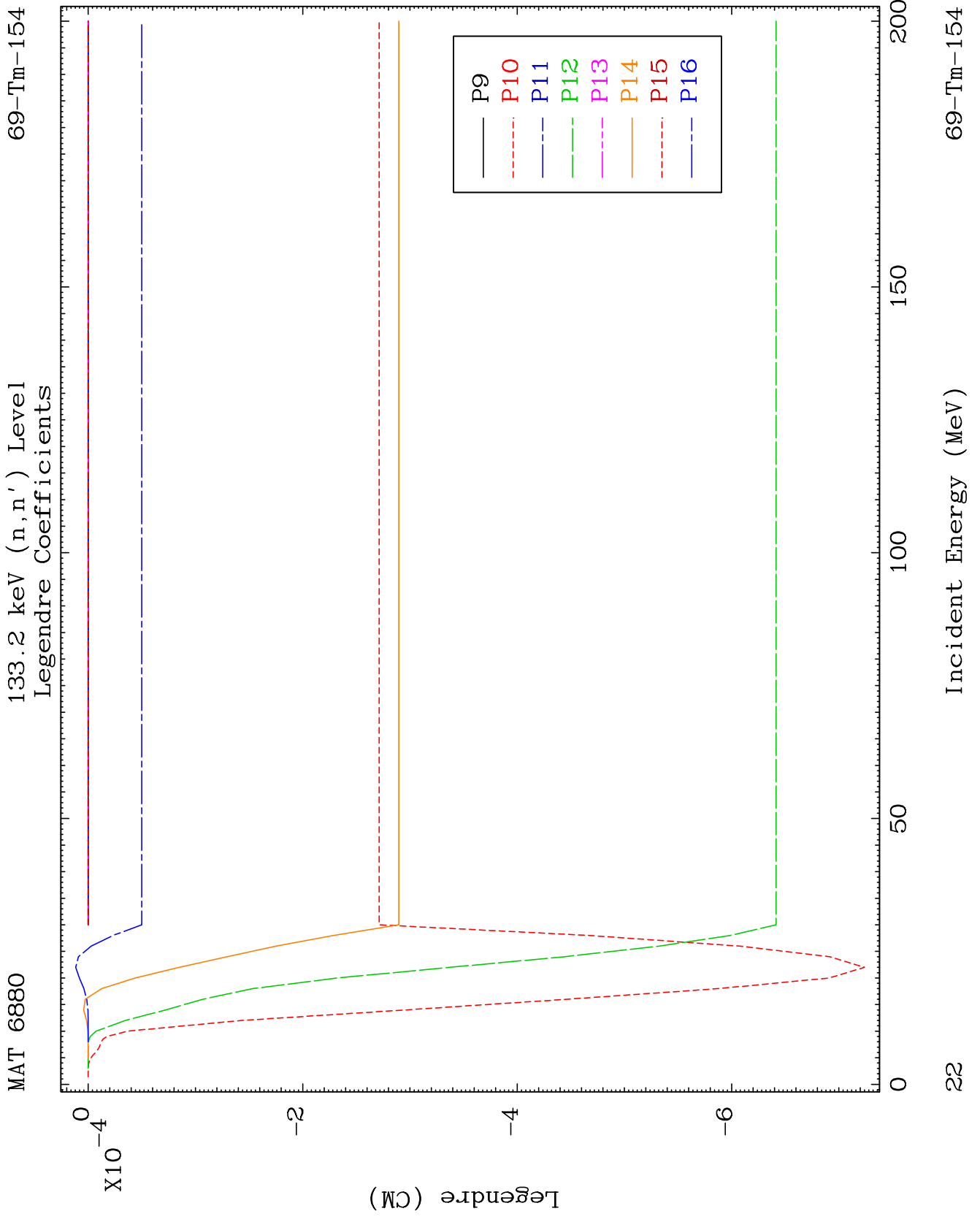


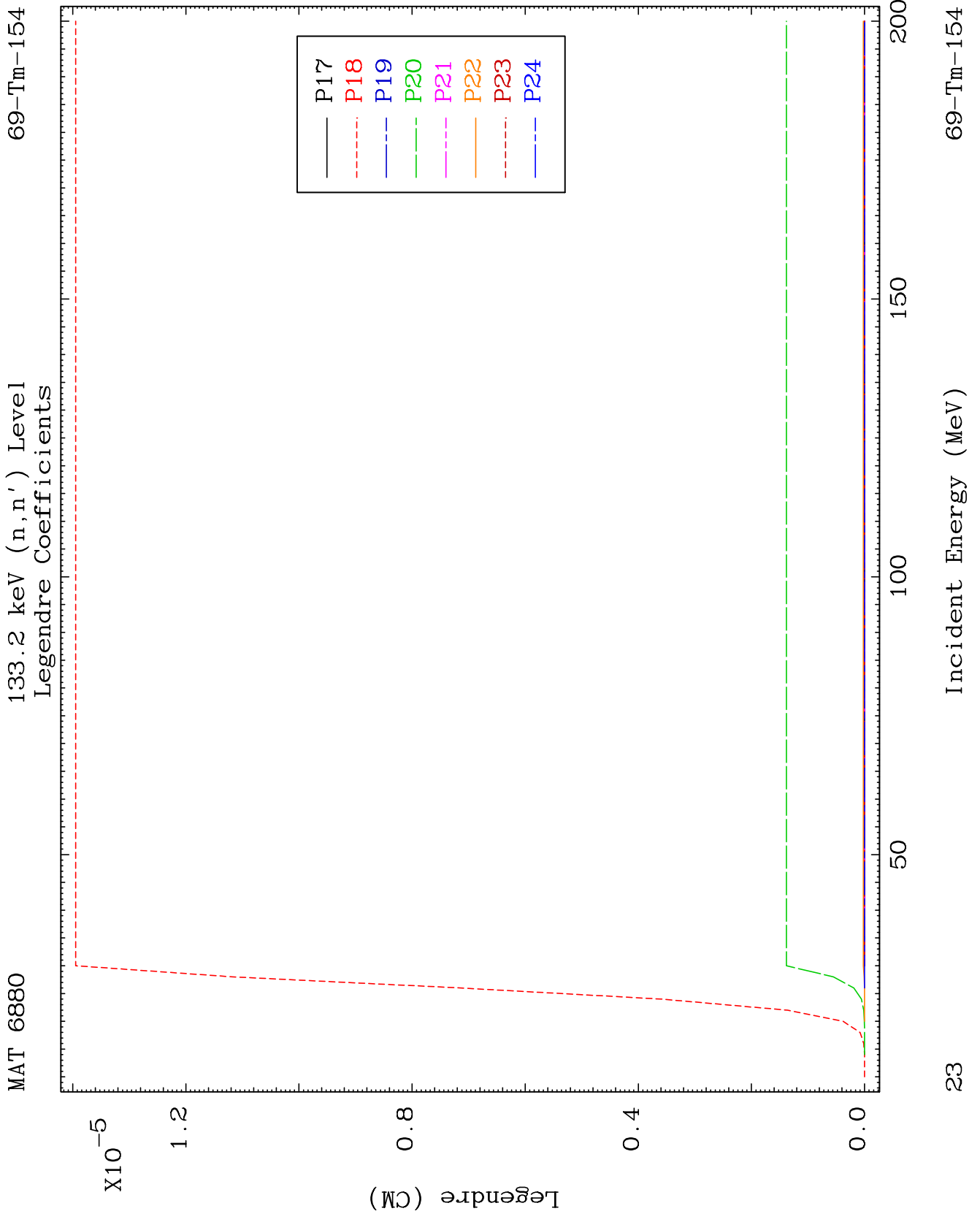
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Incident Energy (MeV)

69-Tm-154

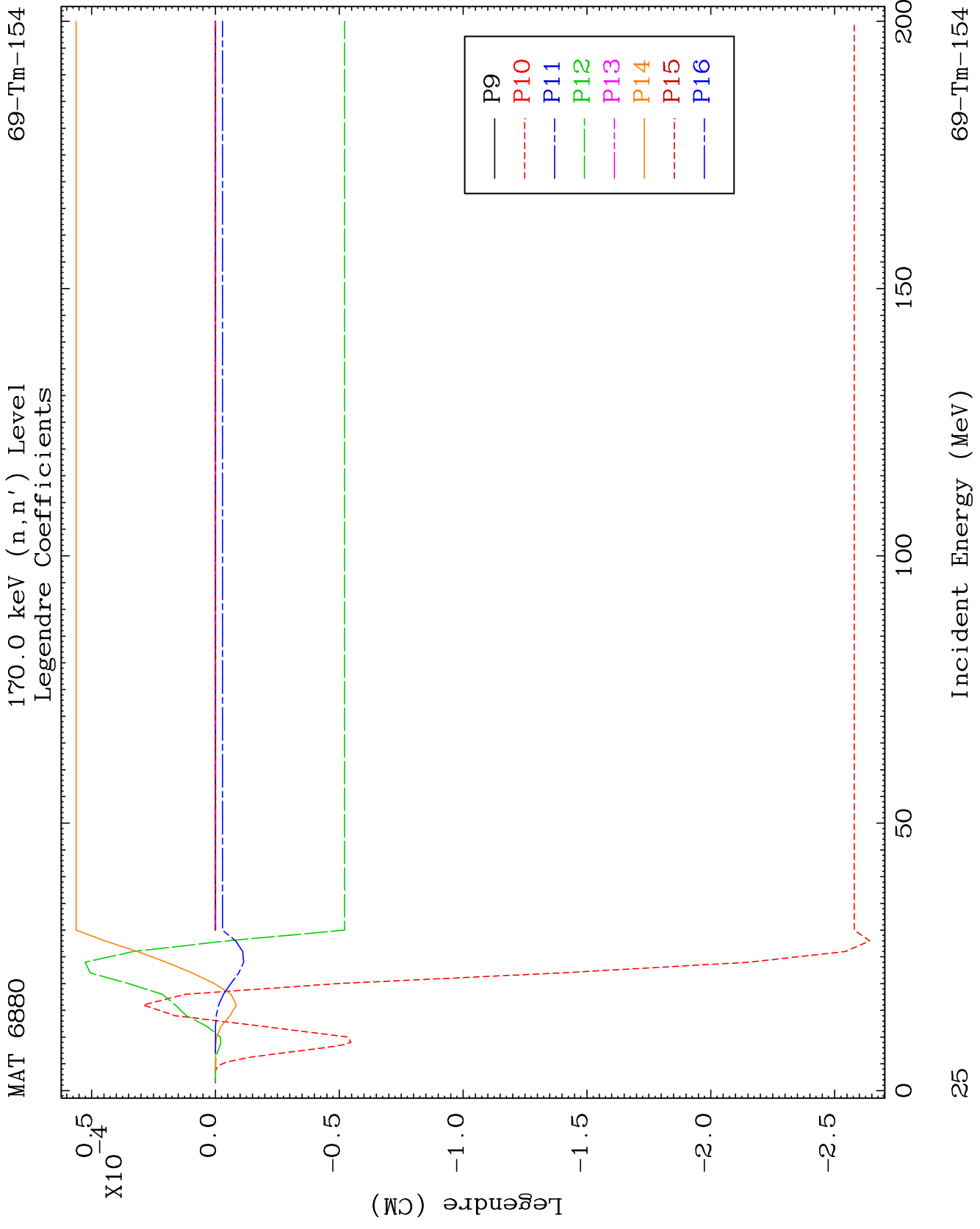


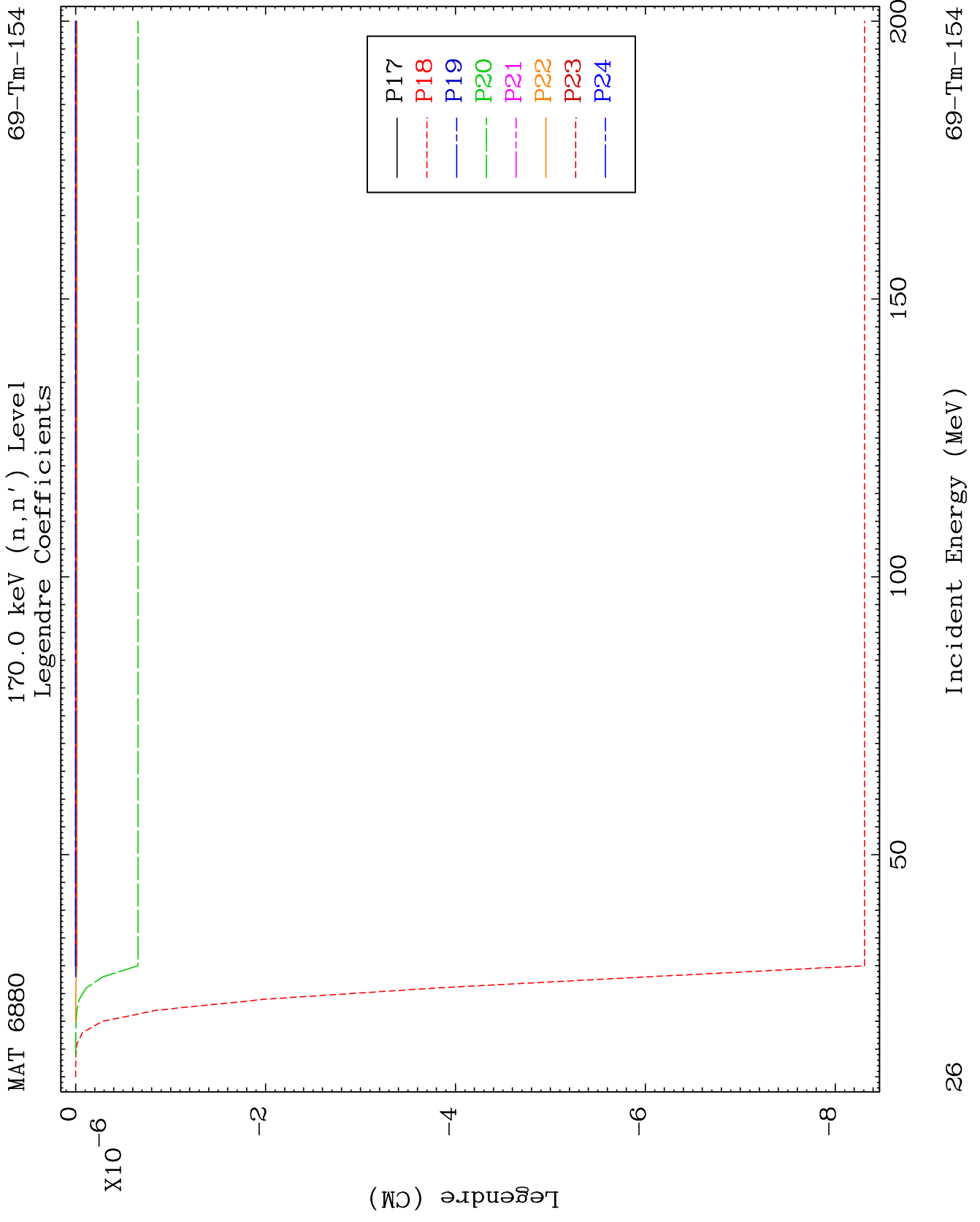


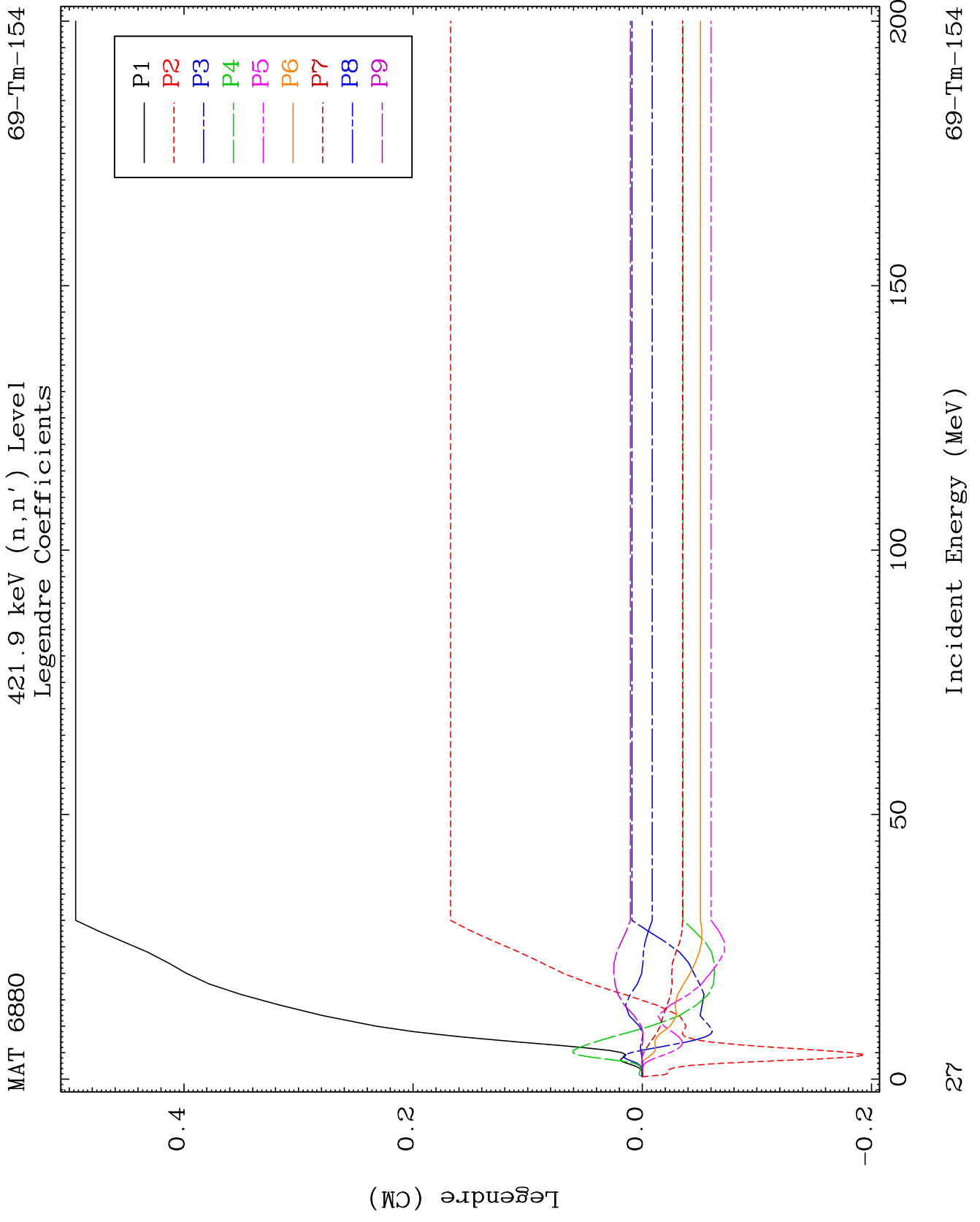


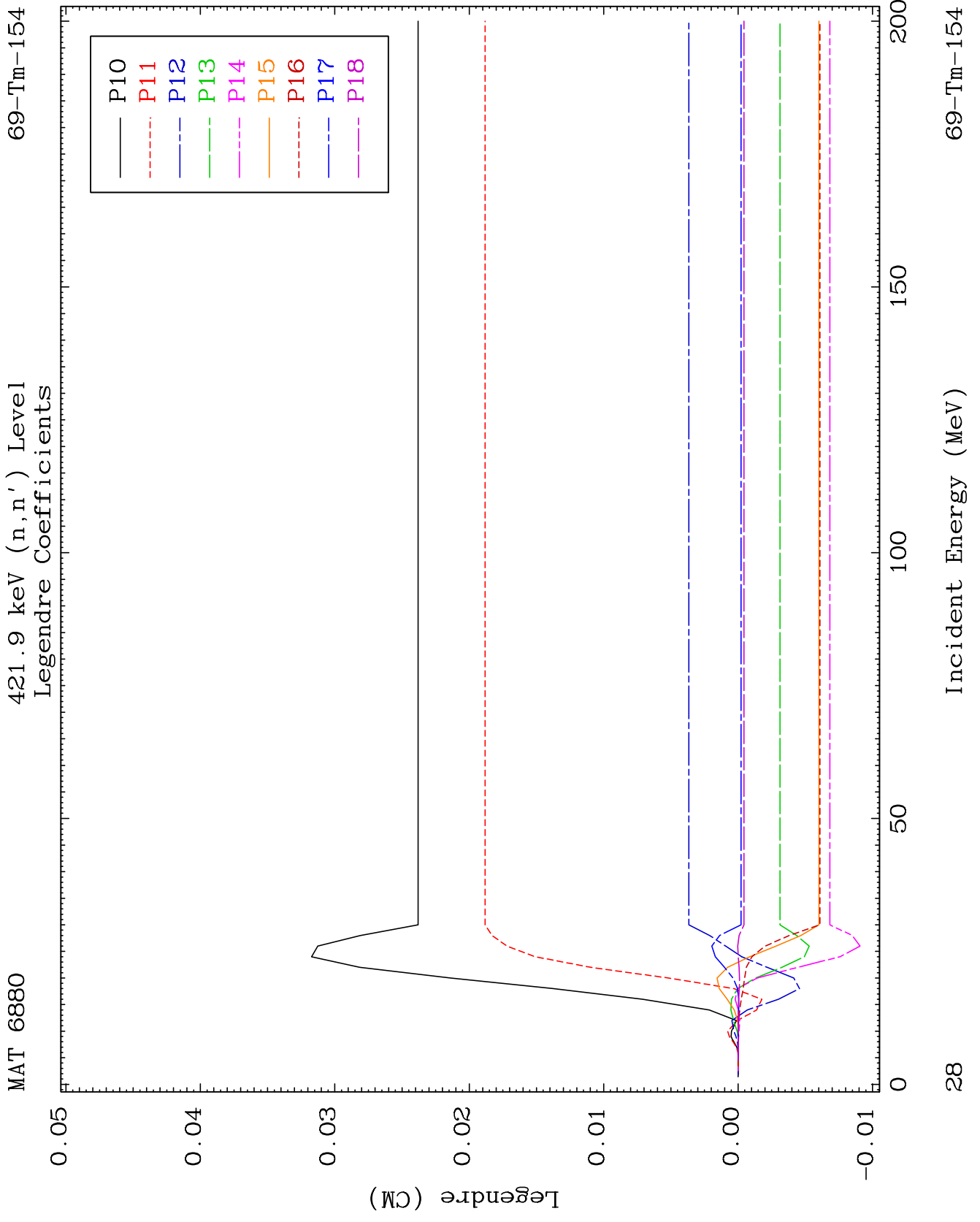


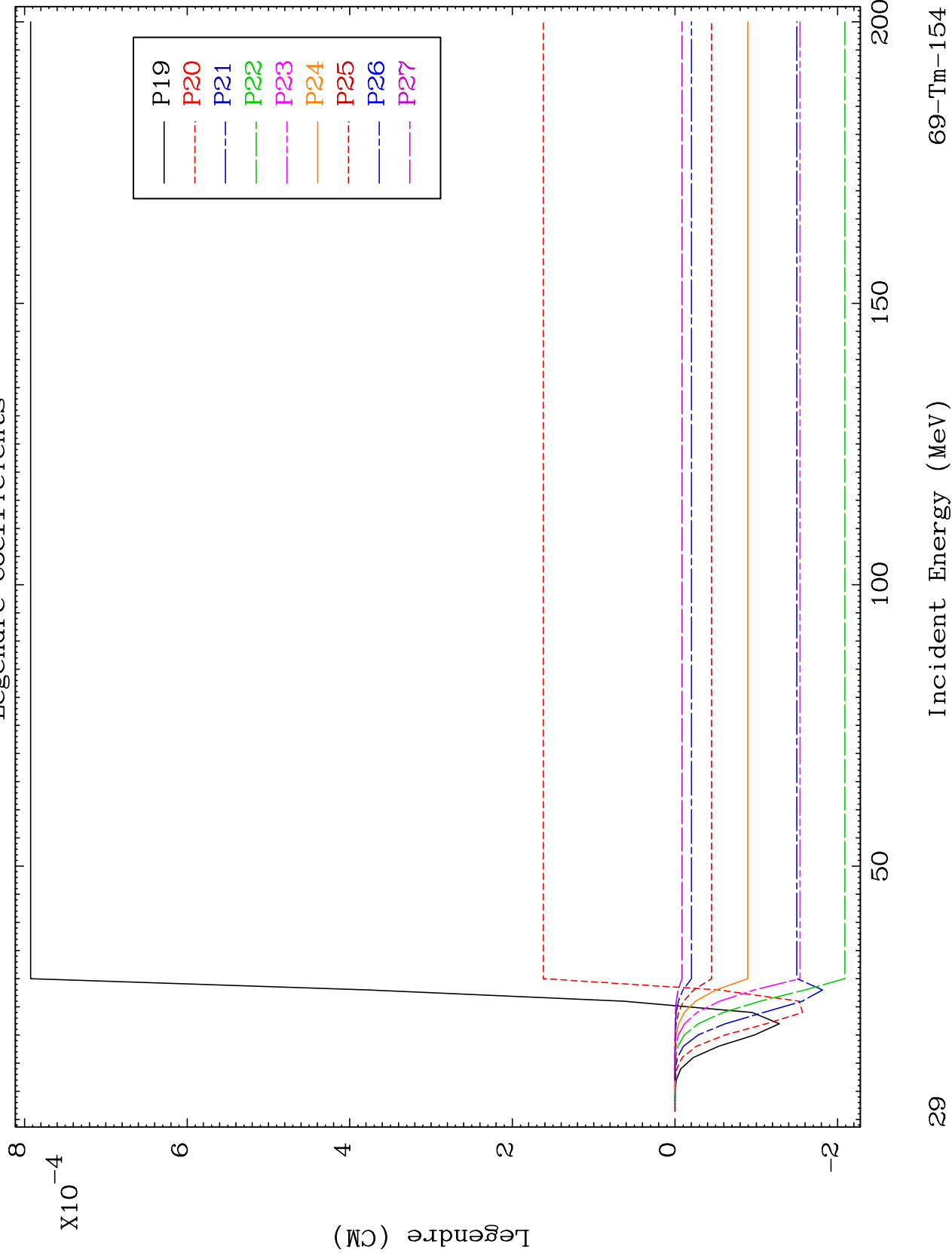










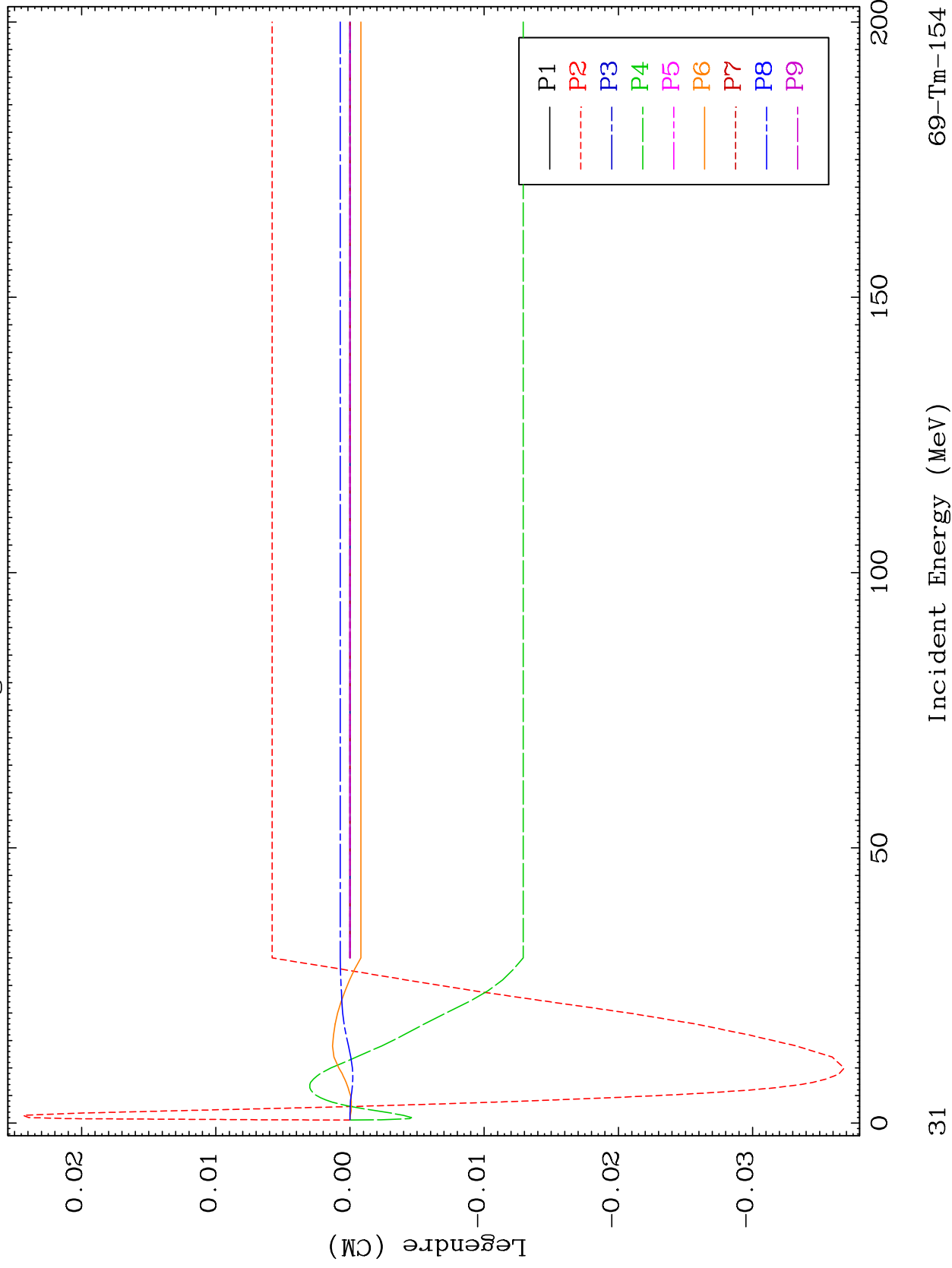




MAT 6880

535.4 keV (n,n') Level  
Legendre Coefficients

69-Tm-154



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Incident Energy (MeV)

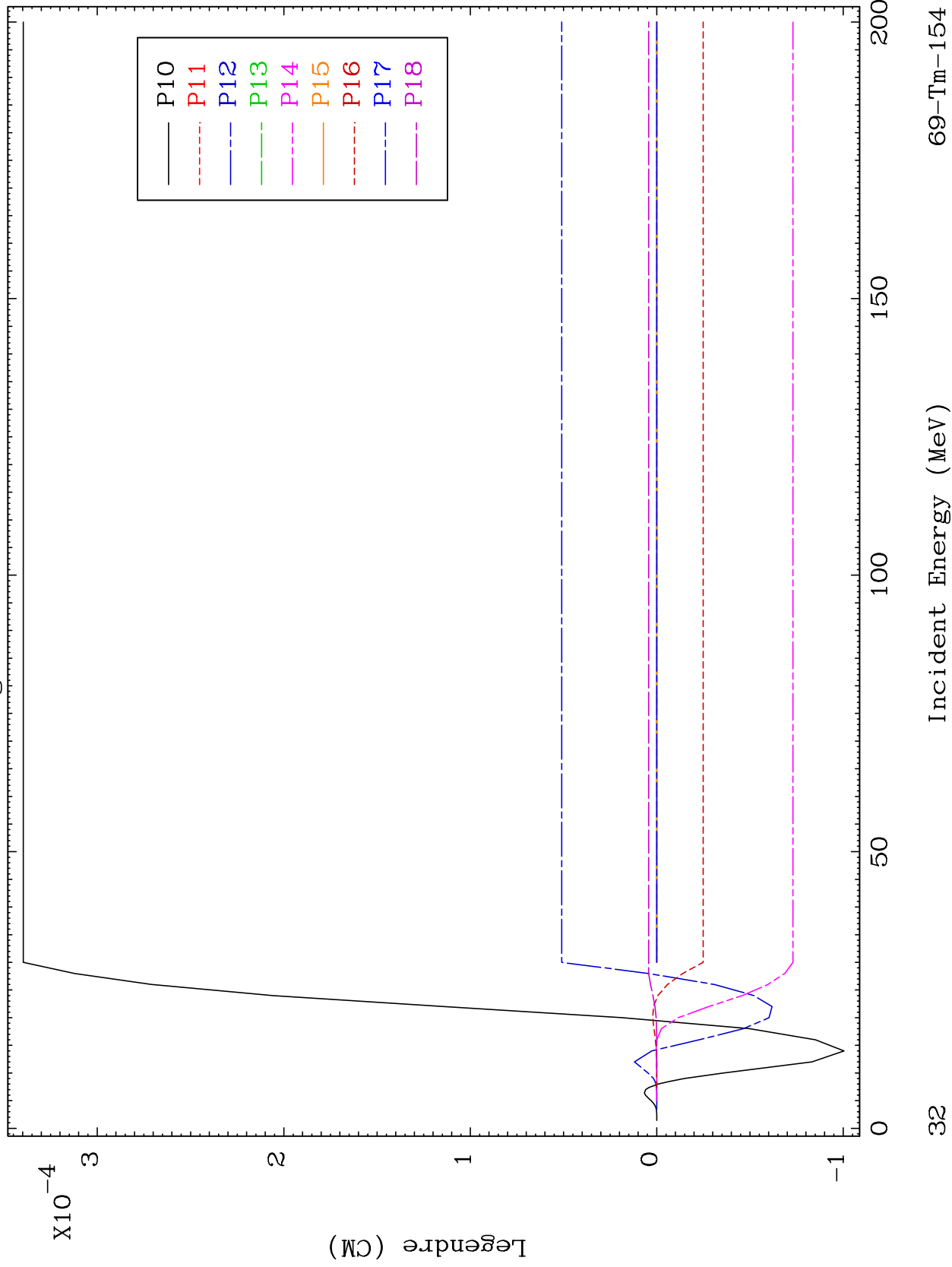
69-Tm-154



MAT 6880

535.4 keV (n,n') Level  
Legendre Coefficients

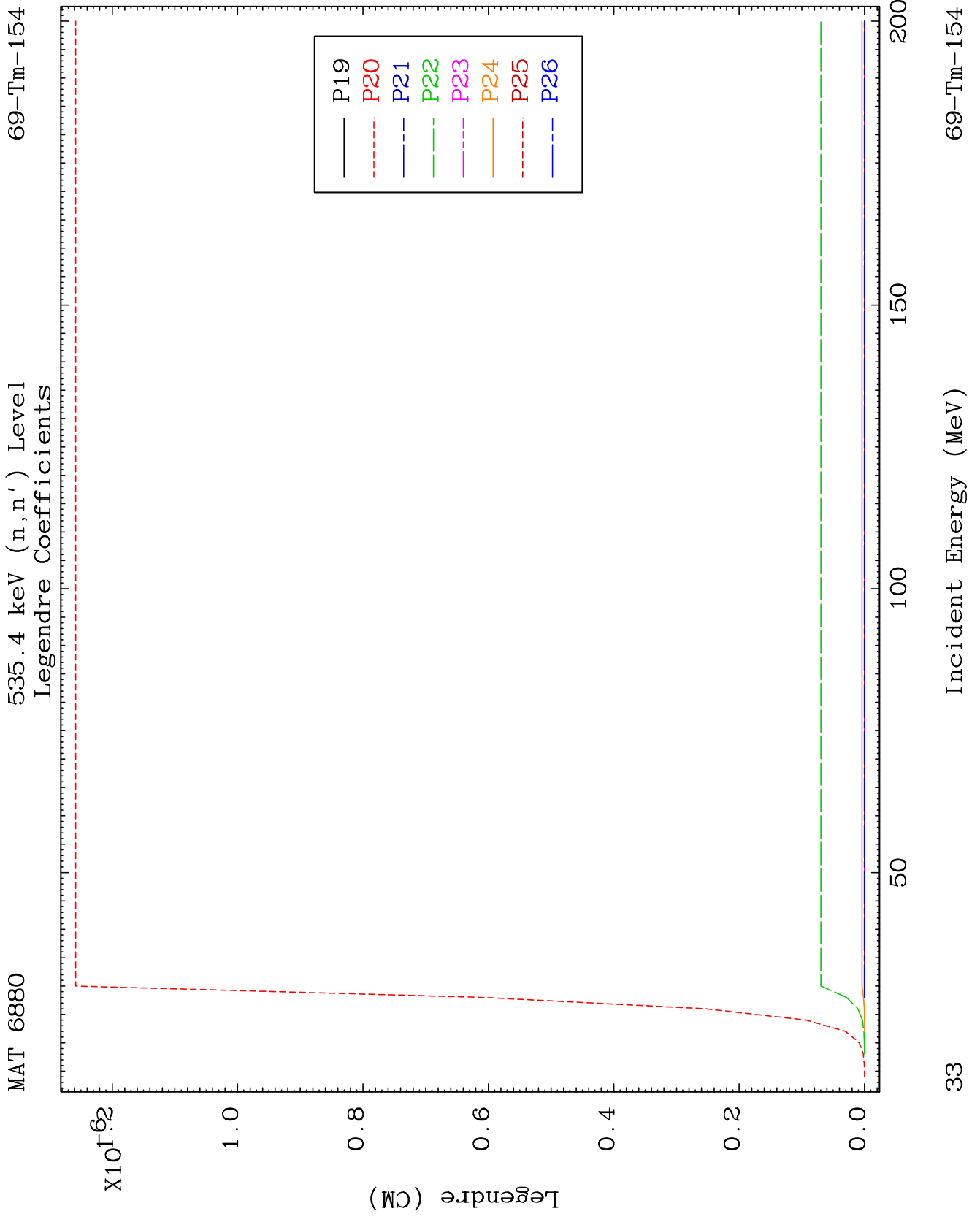
69-Tm-154



69-Tm-154

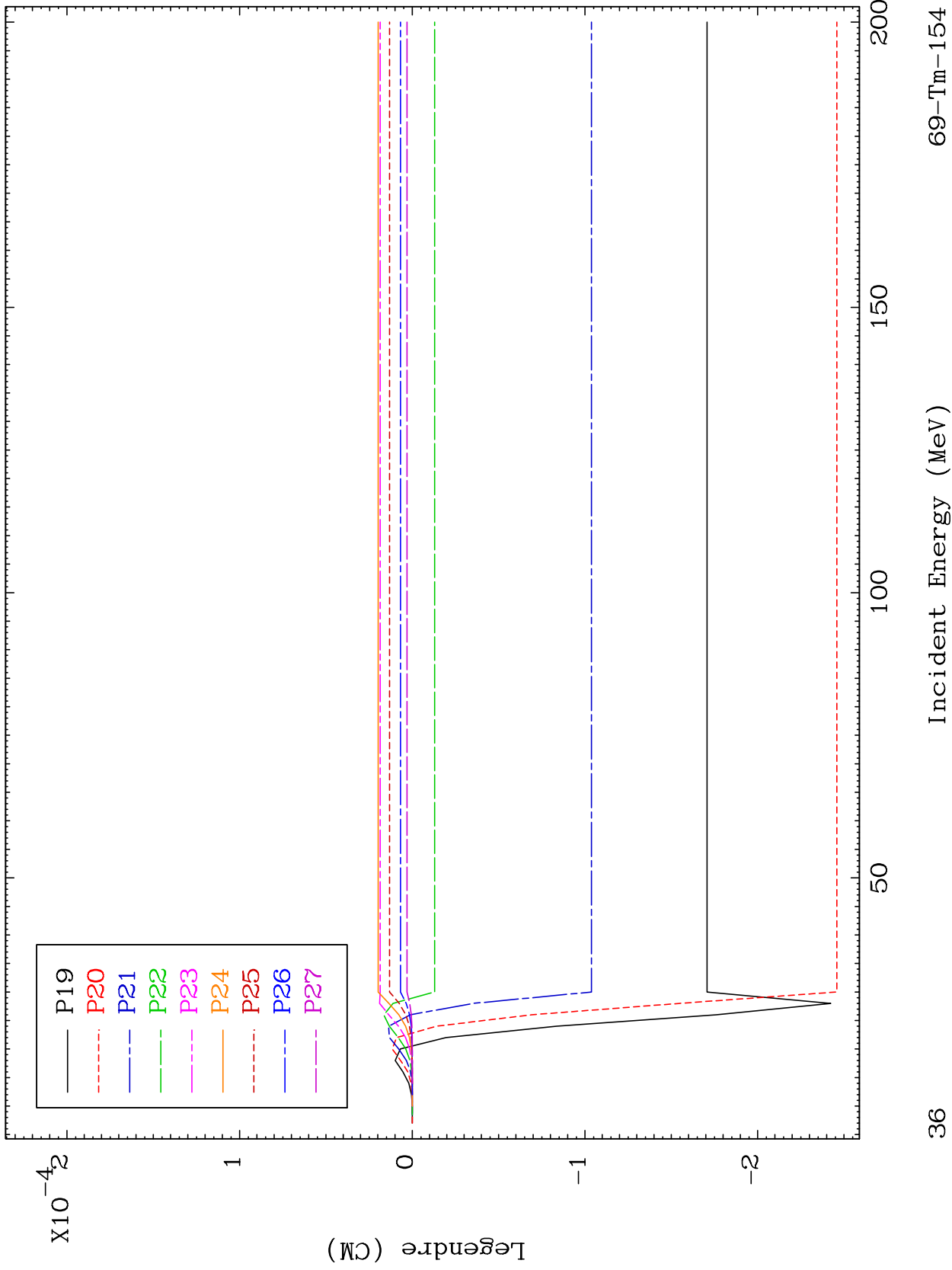
Incident Energy (MeV)

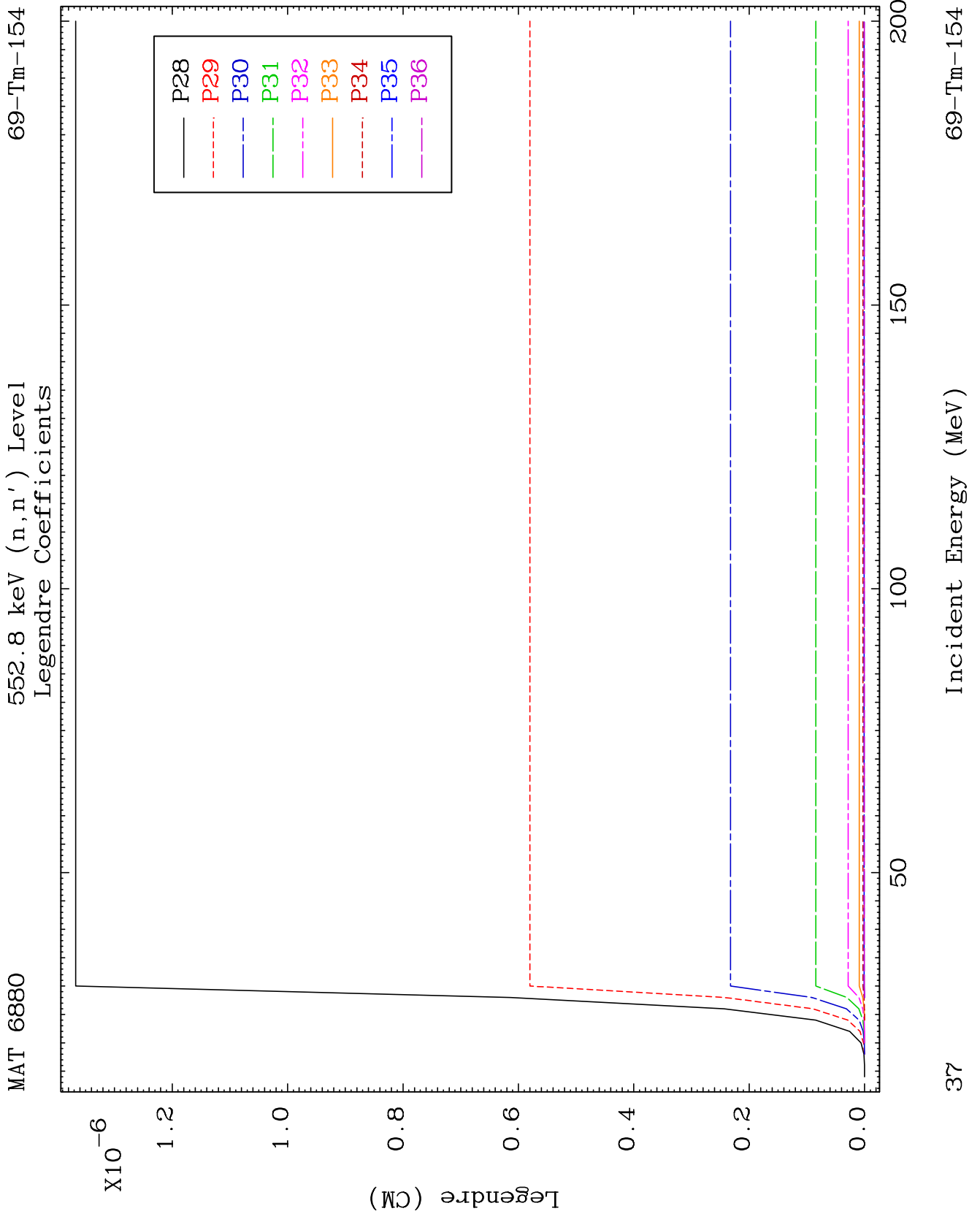
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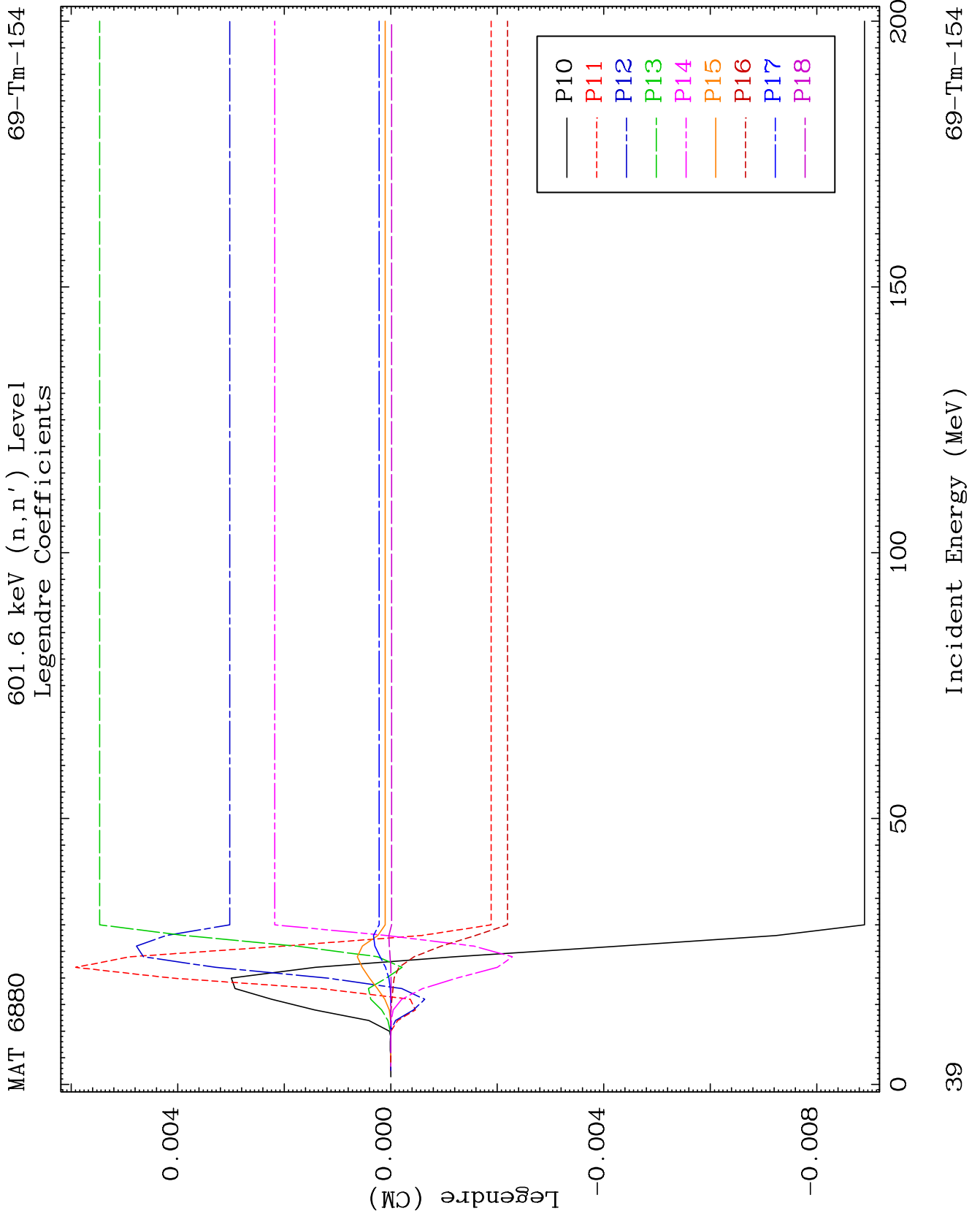




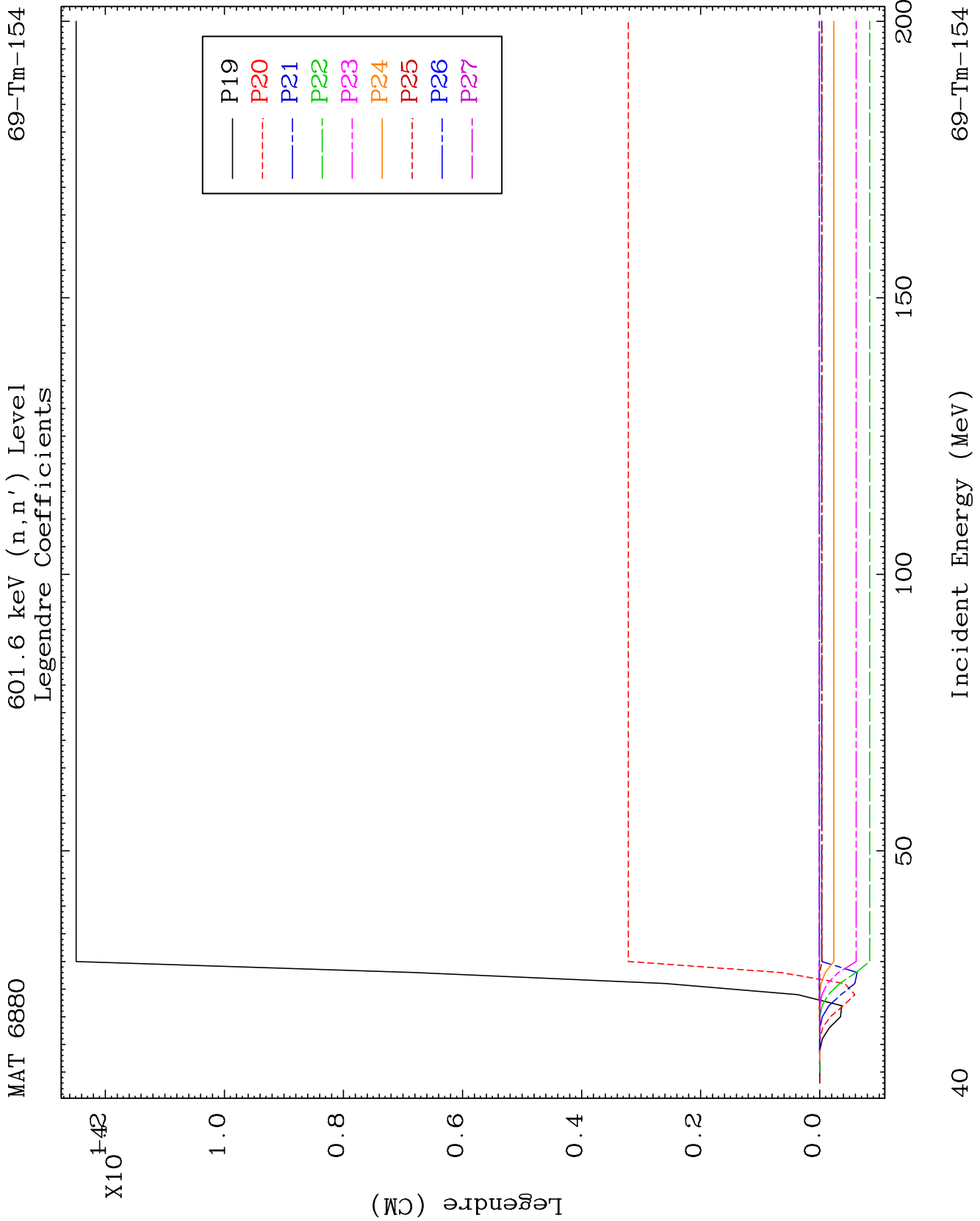


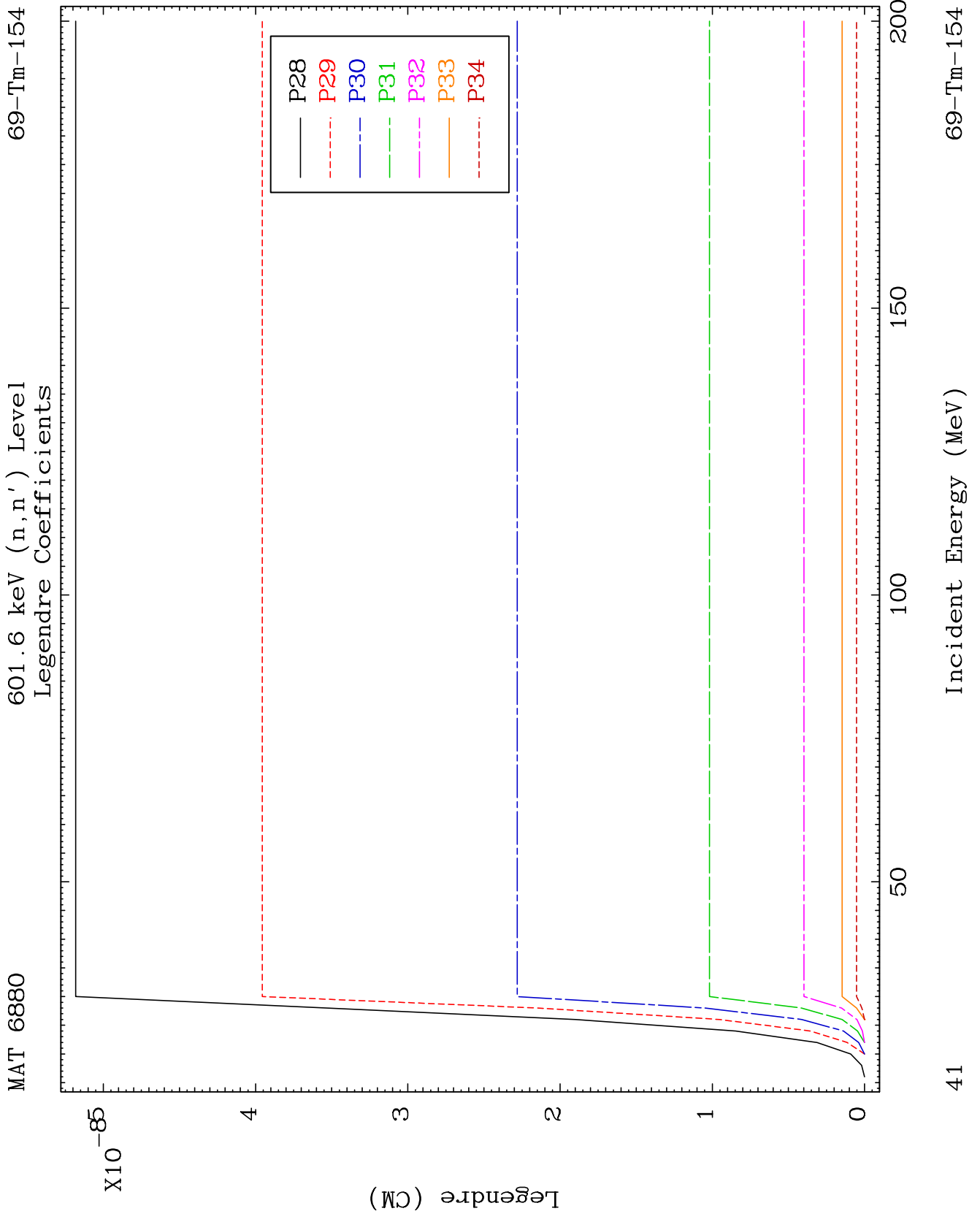






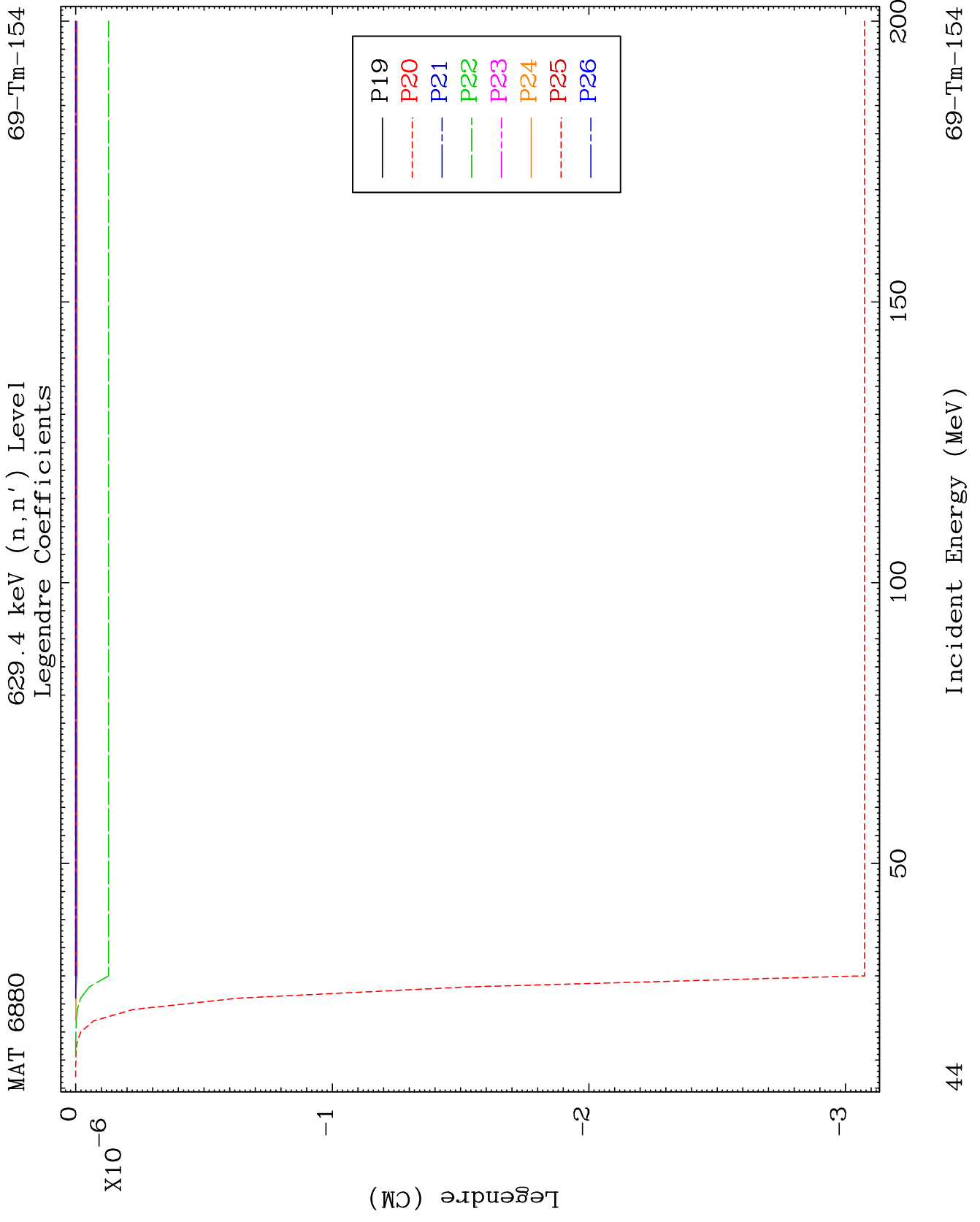


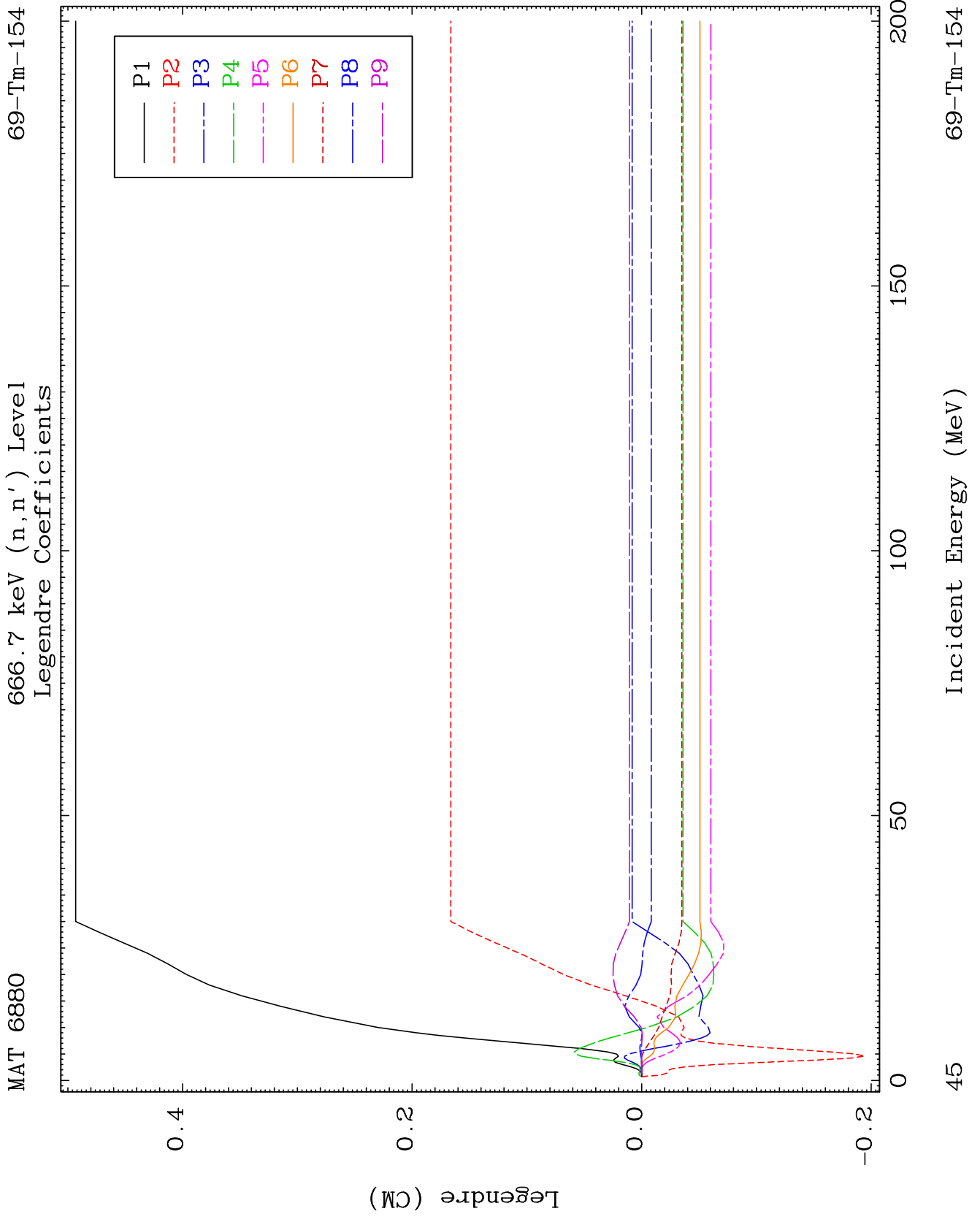


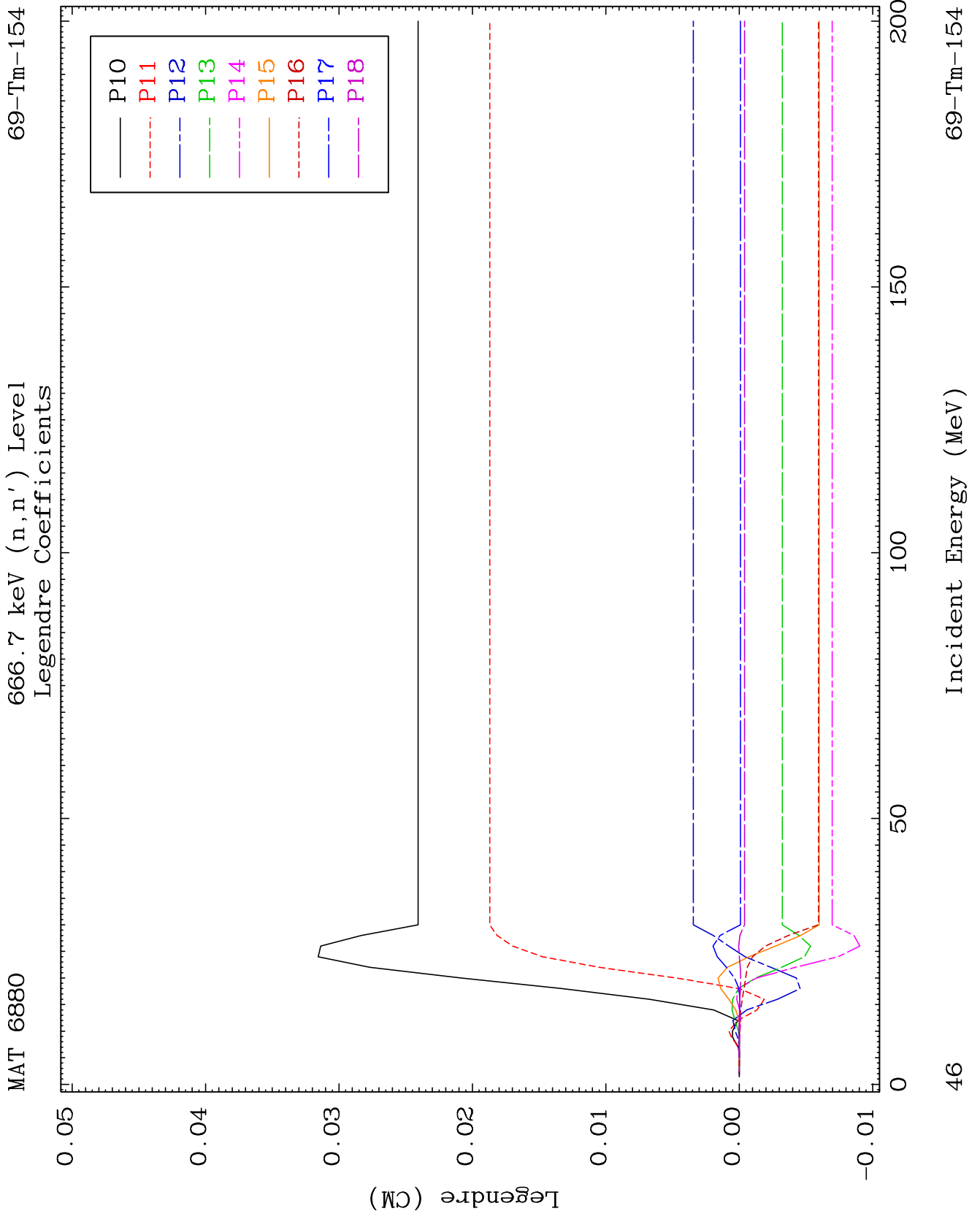








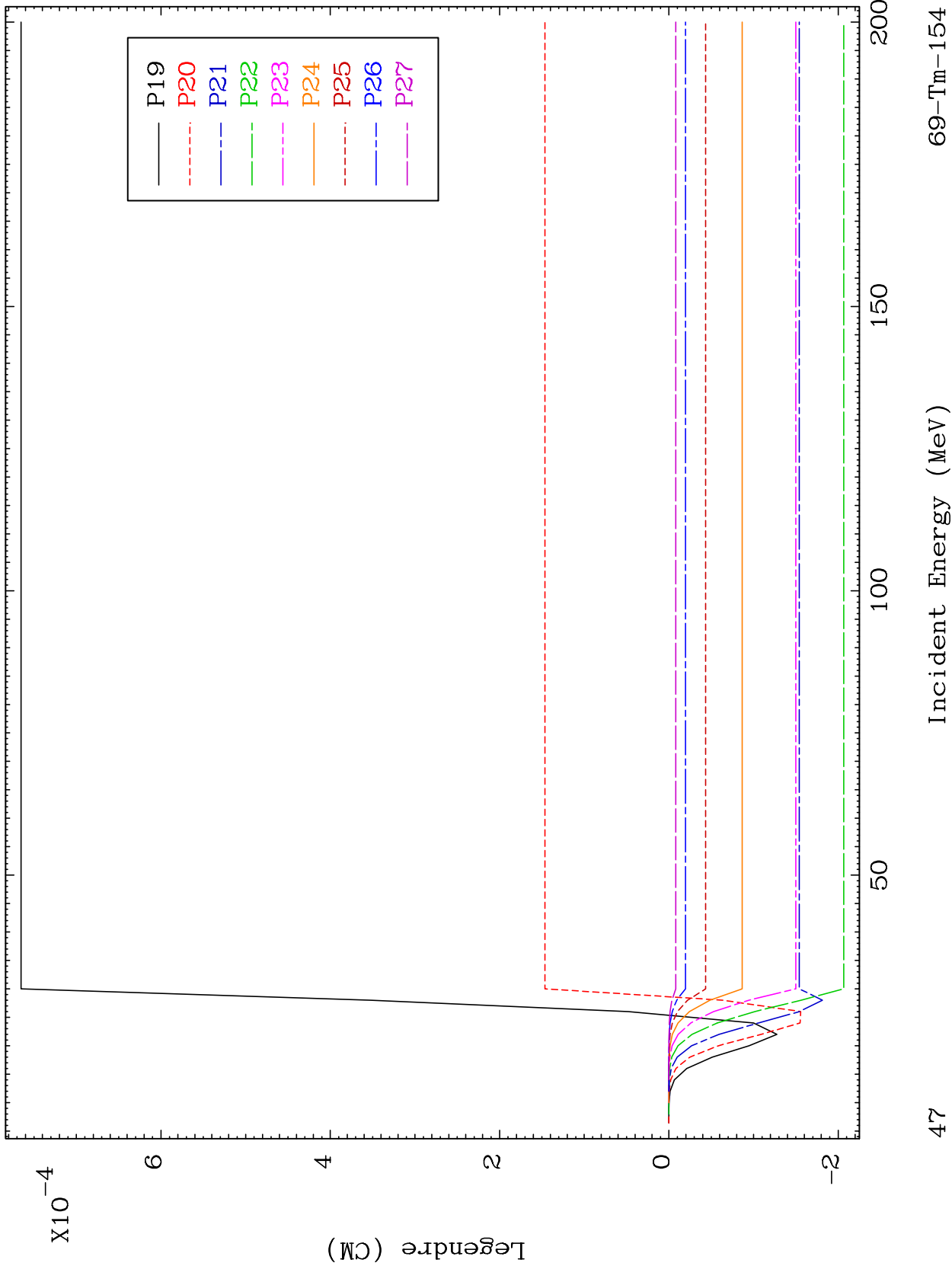




MAT 6880

666.7 keV (n,n') Level  
Legendre Coefficients

69-Tm-154



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Incident Energy (MeV)

69-Tm-154



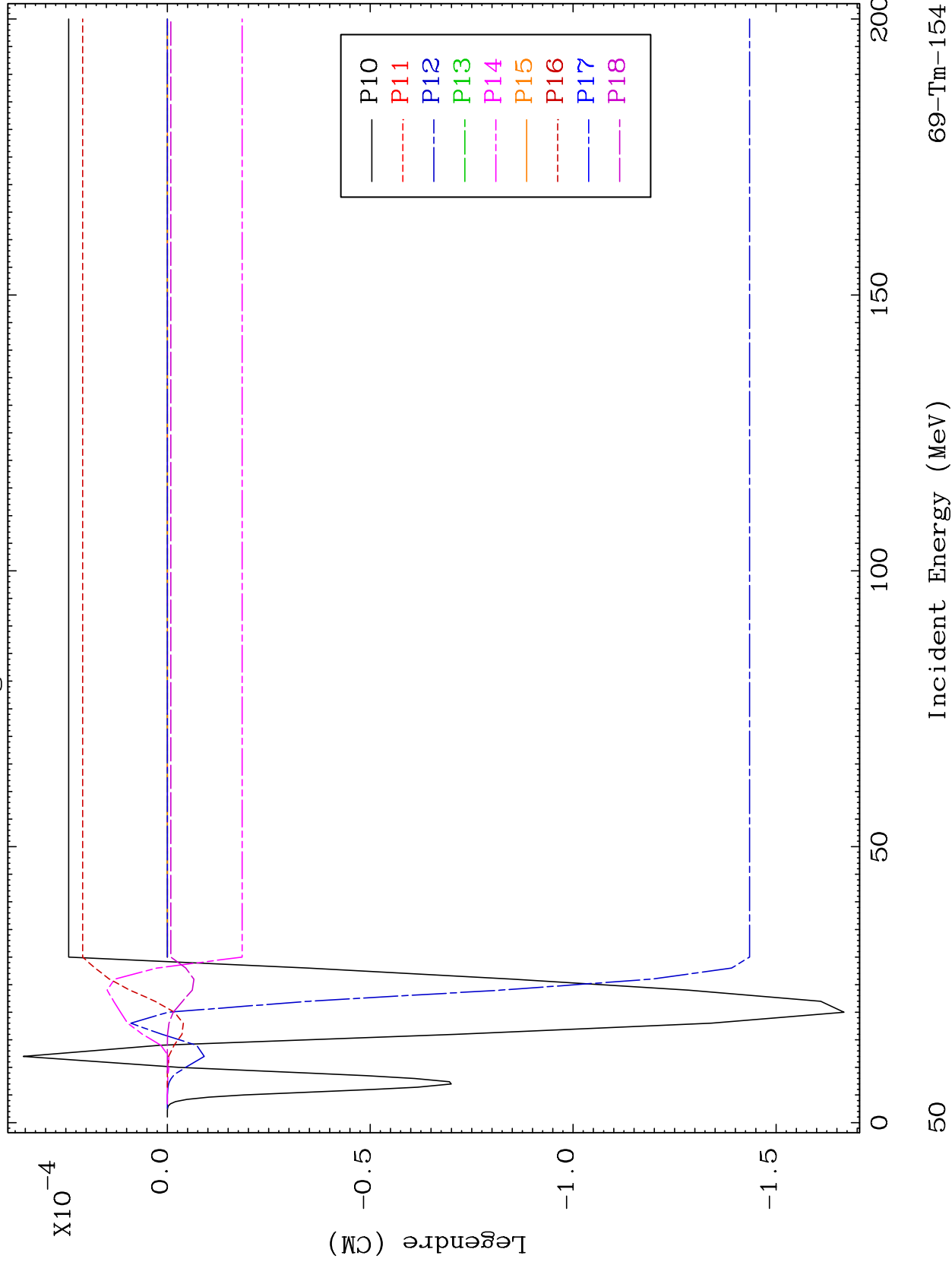




MAT 6880

674.9 keV (n,n') Level  
Legendre Coefficients

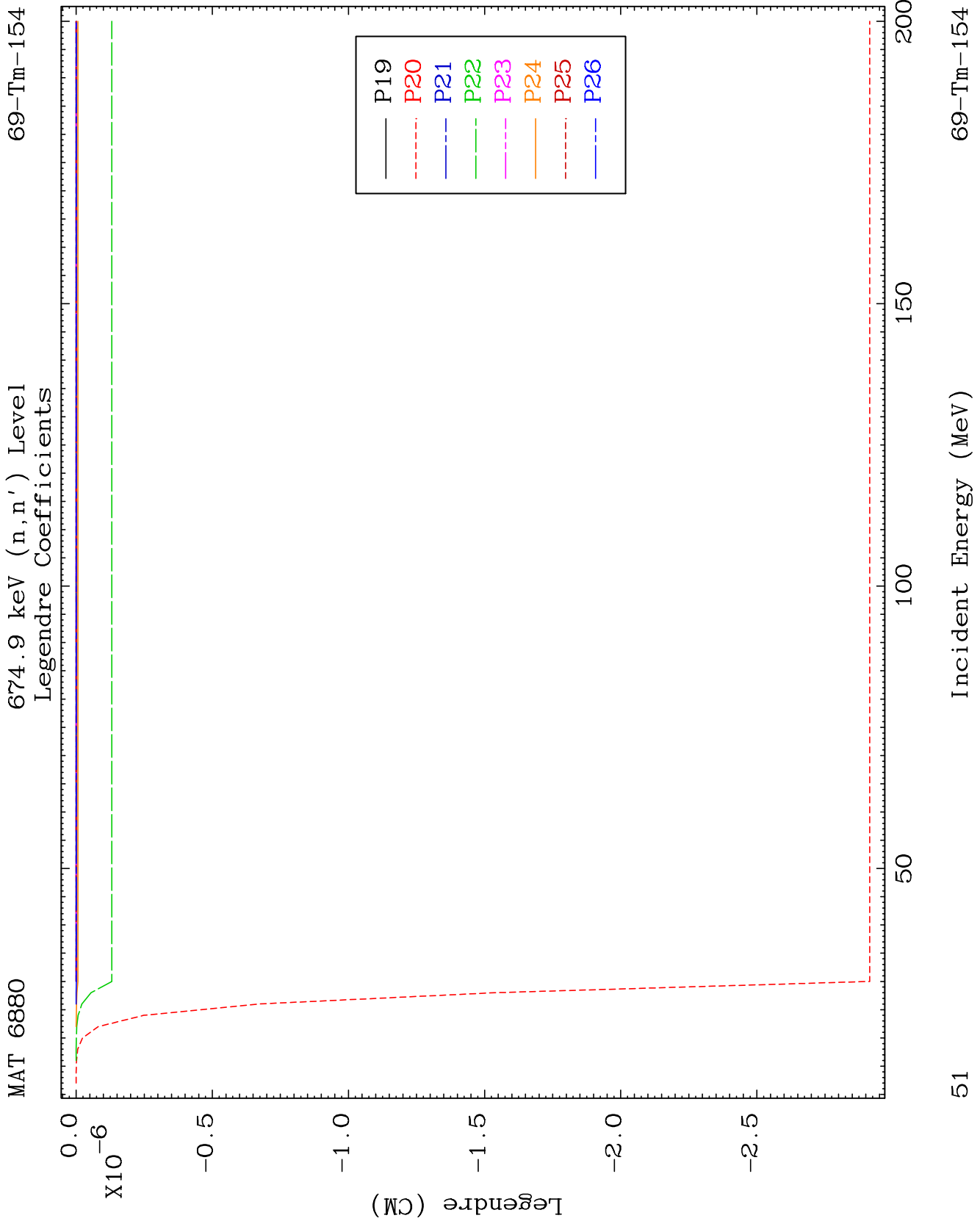
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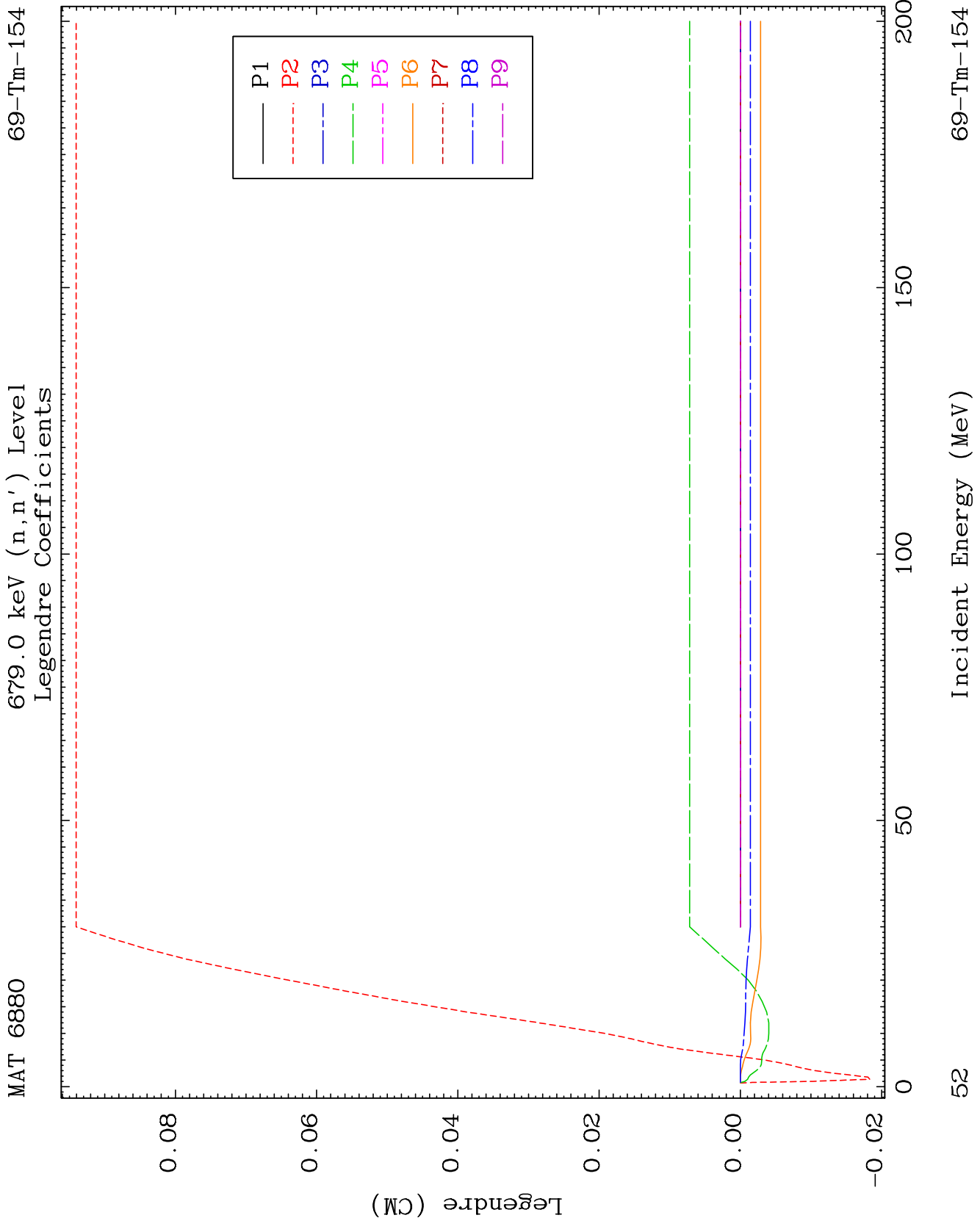


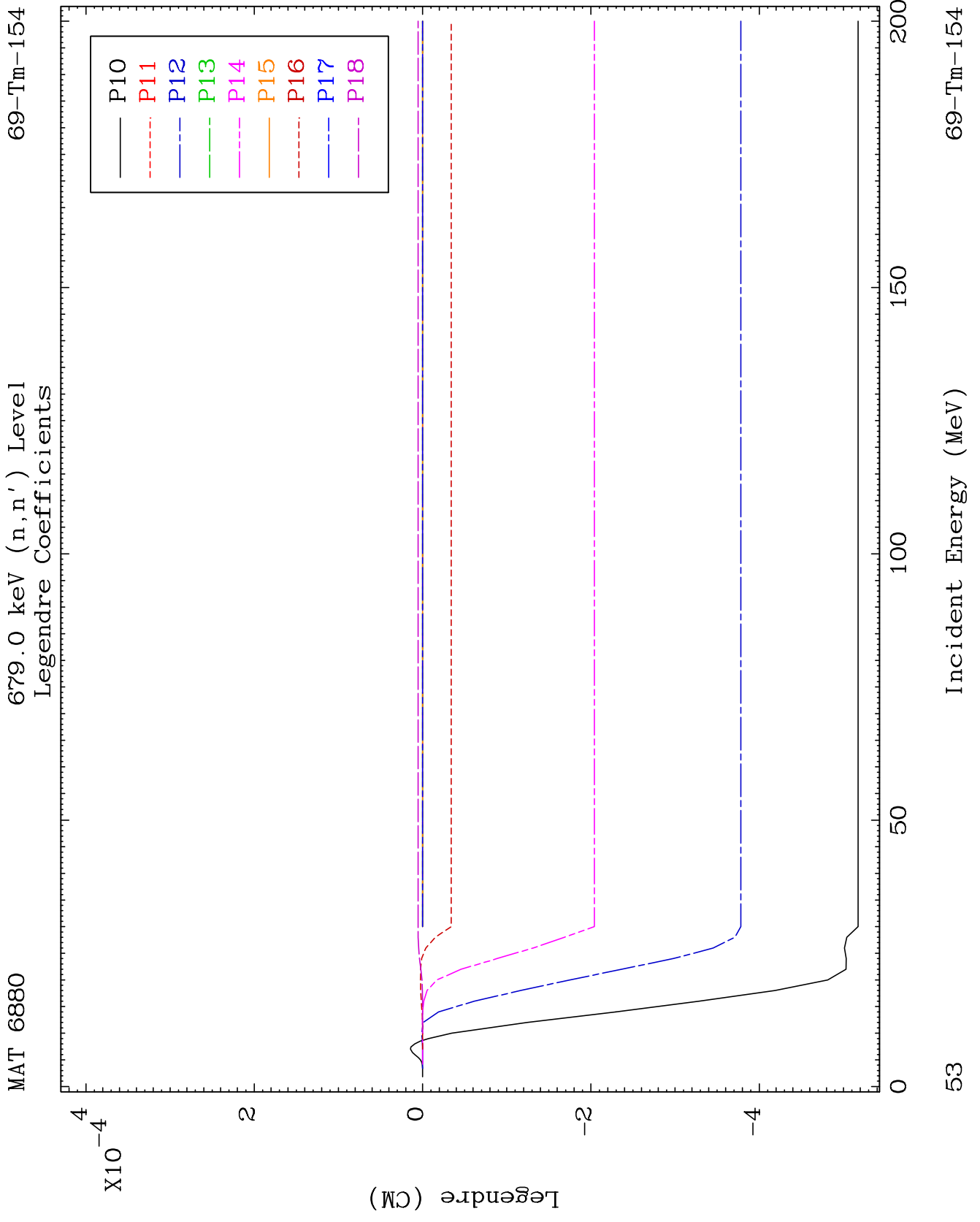
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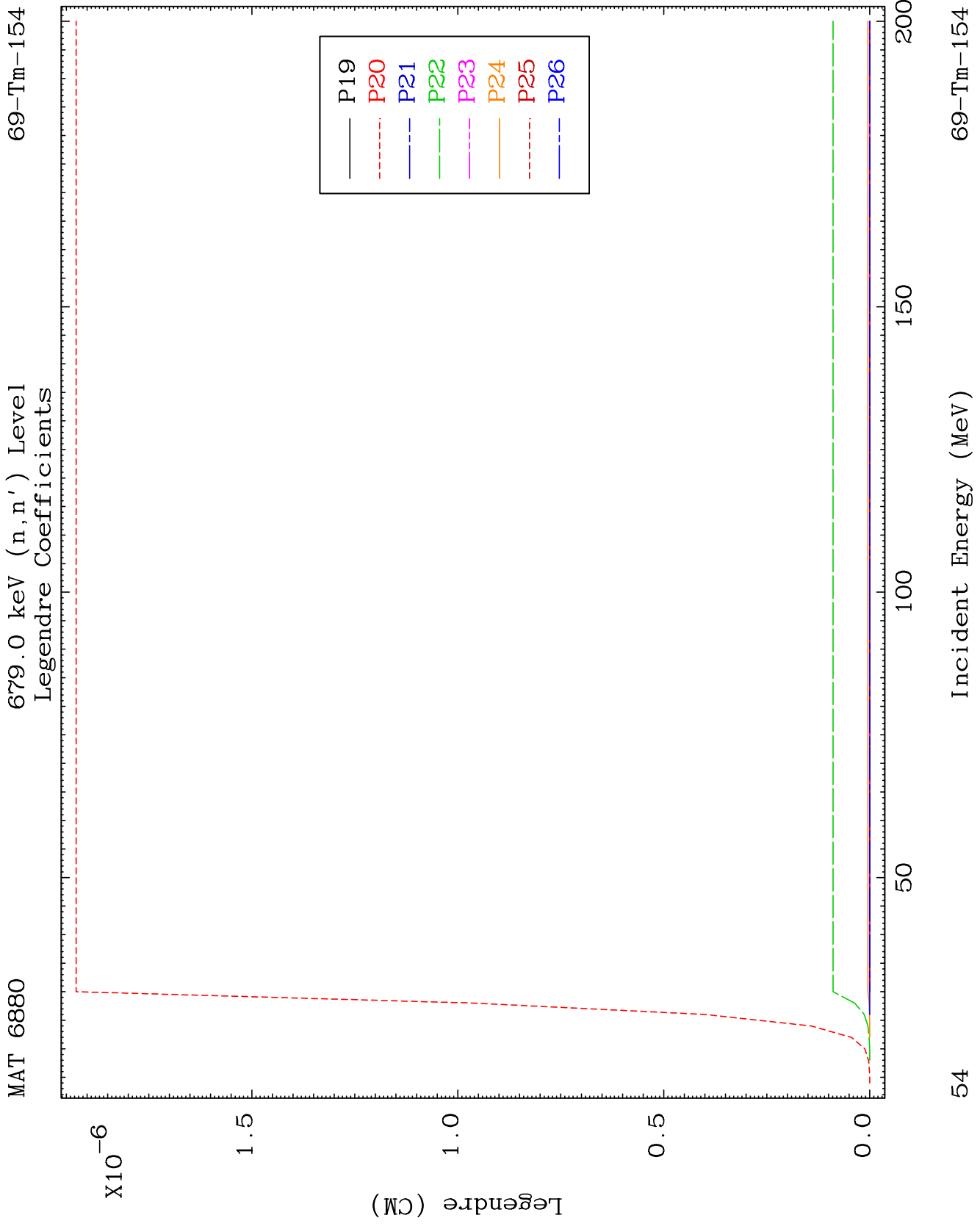
Incident Energy (MeV)

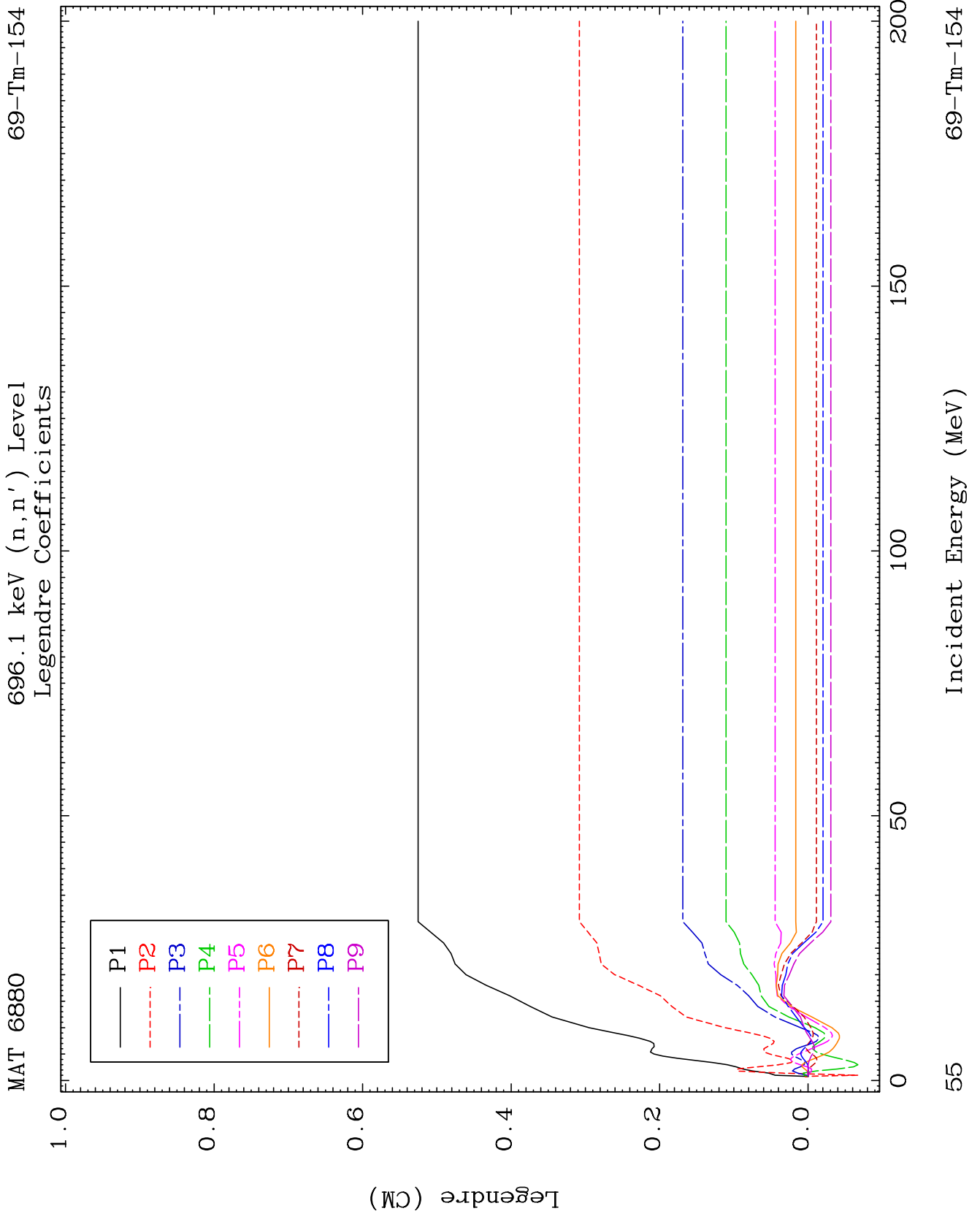
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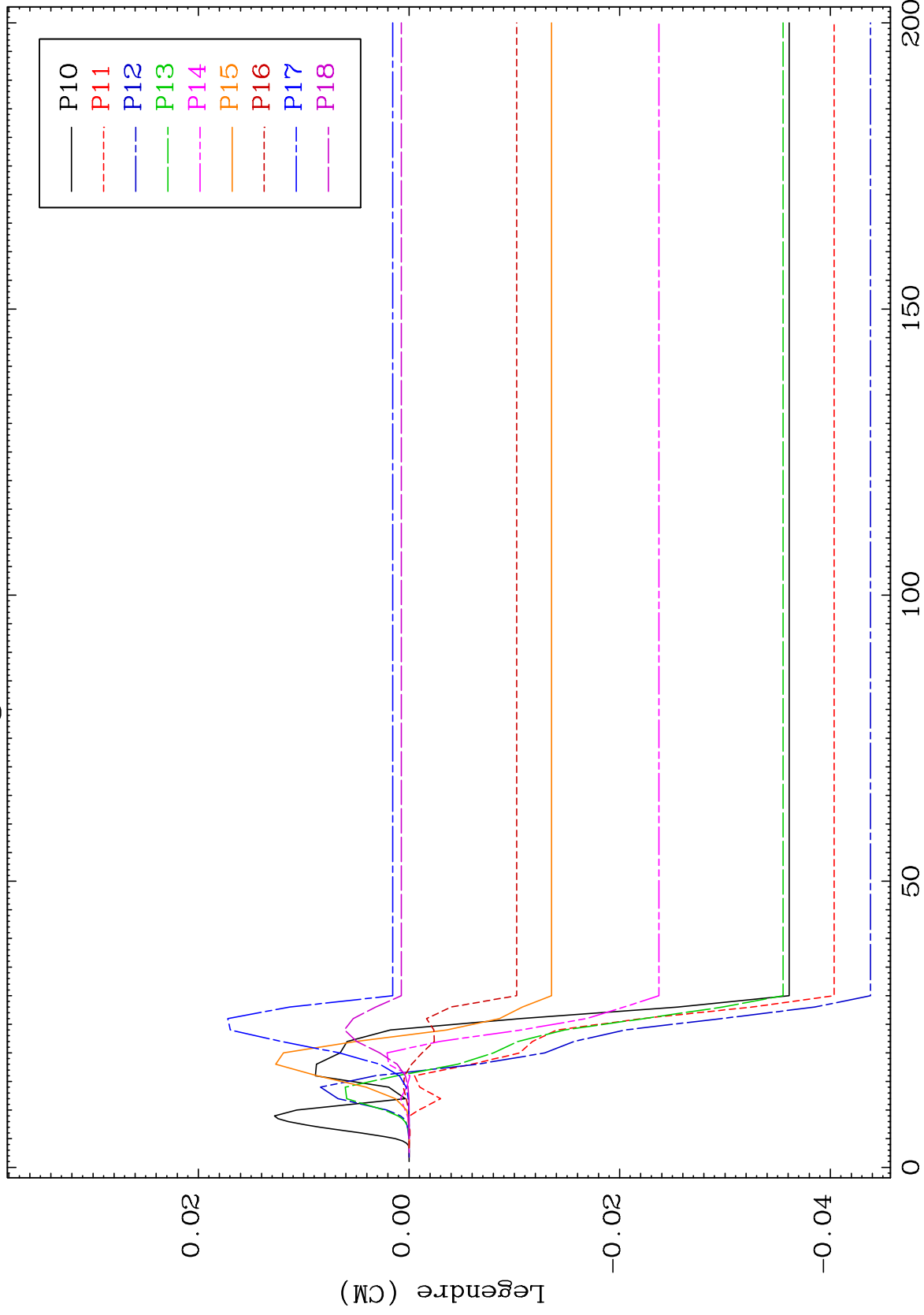




MAT 6880

696.1 keV (n,n') Level  
Legendre Coefficients

69-Tm-154



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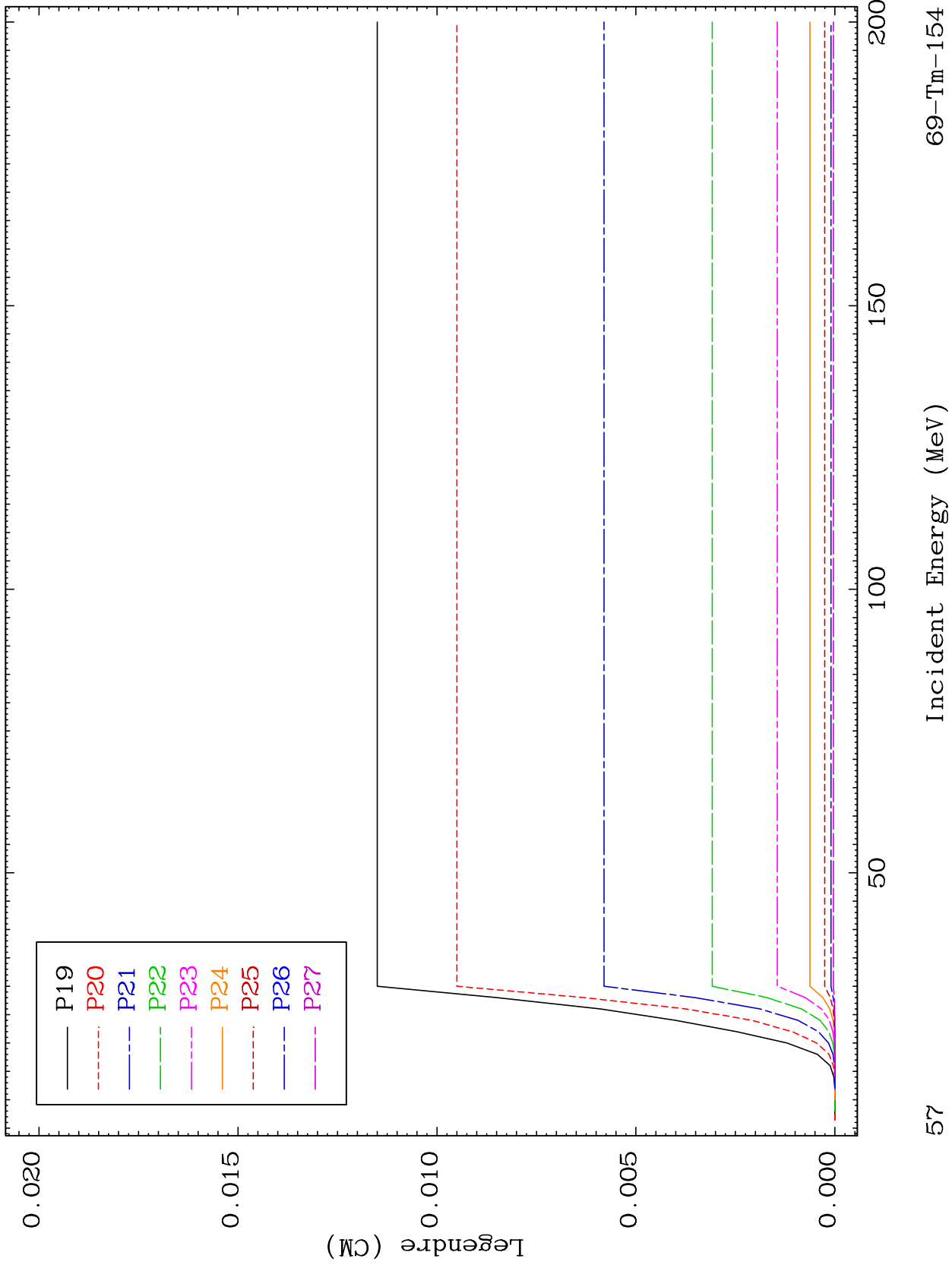
Incident Energy (MeV)

69-Tm-154

MAT 6880

696.1 keV (n,n') Level  
Legendre Coefficients

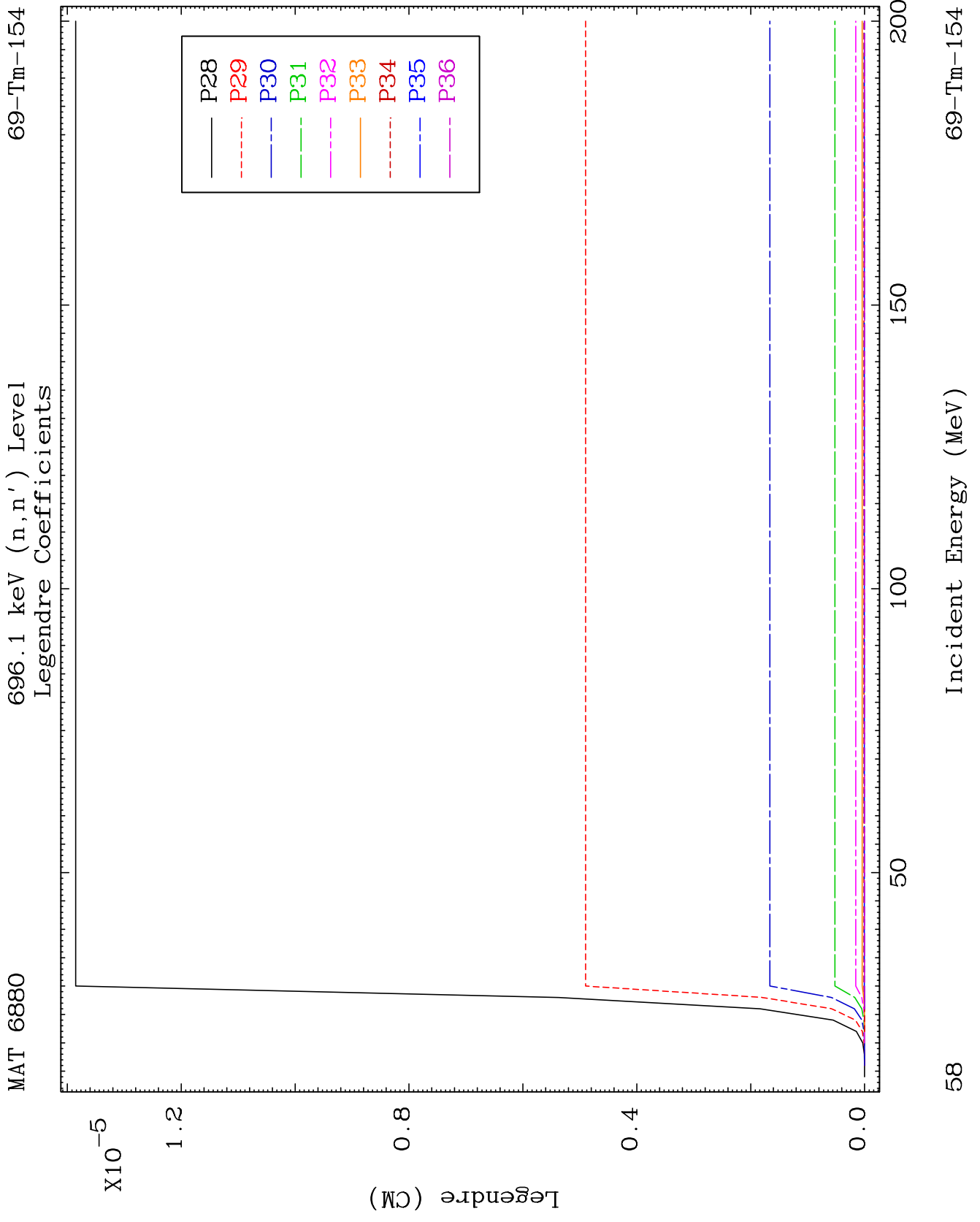
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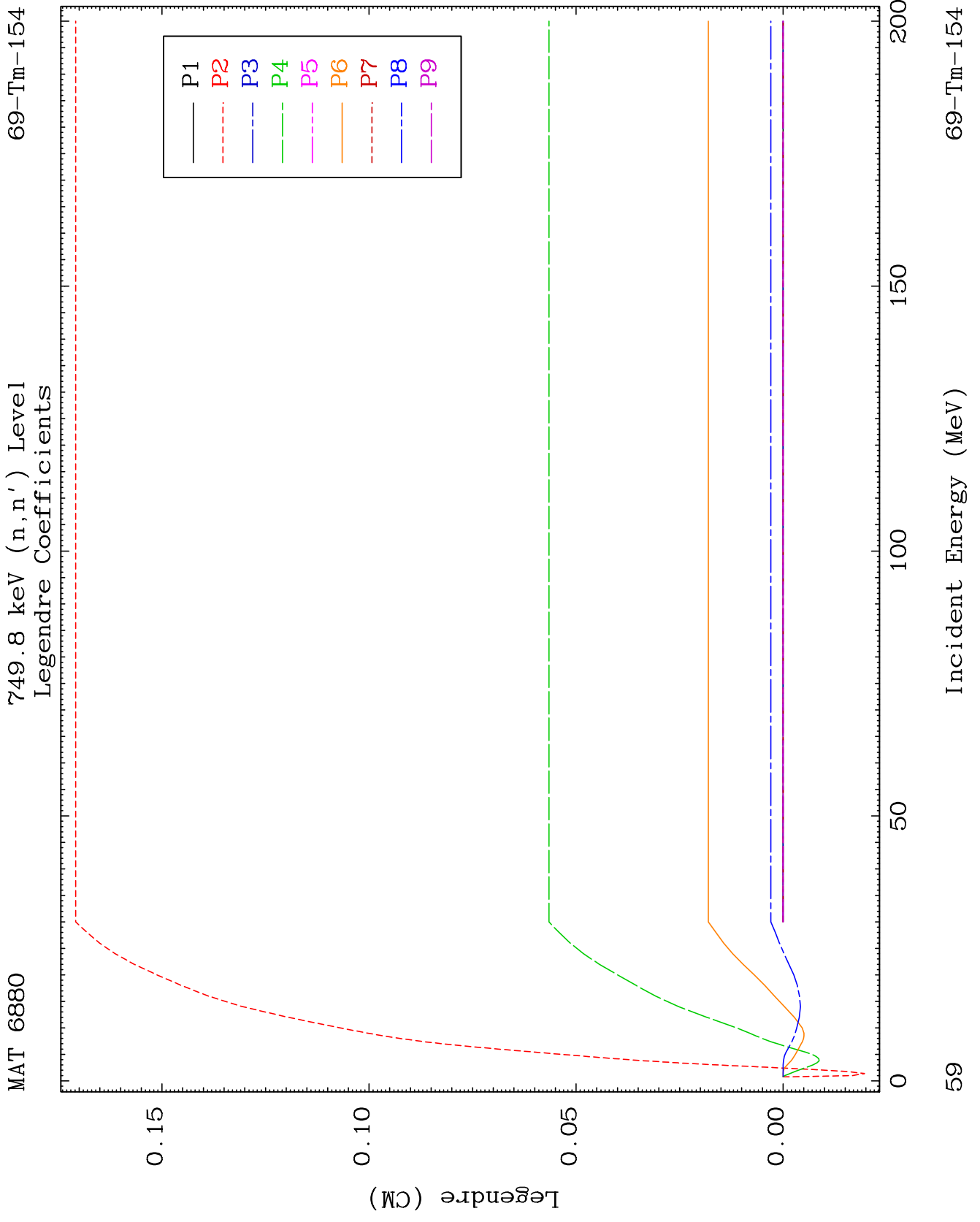


57

Incident Energy (MeV)

69-Tm-154

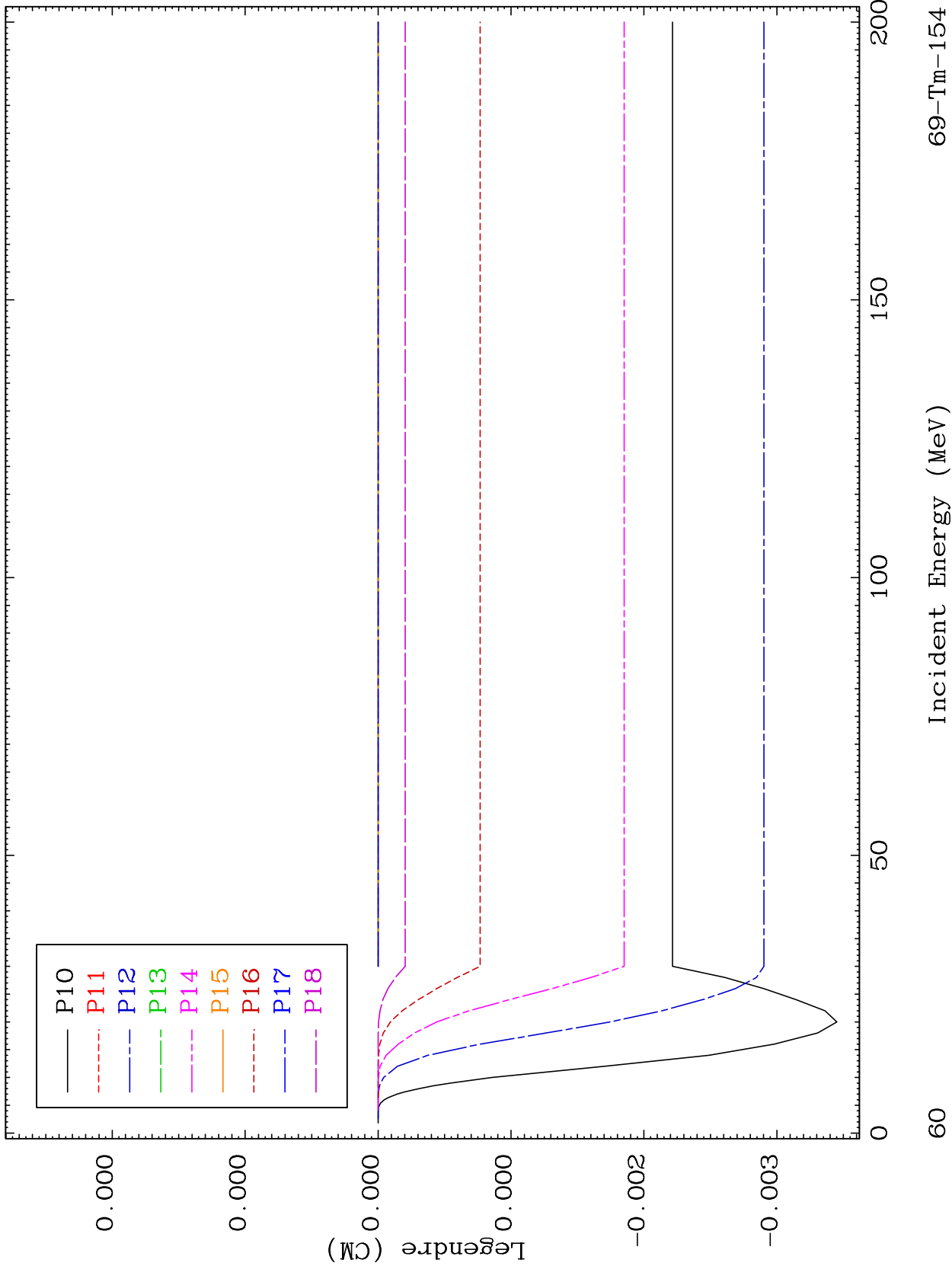




MAT 6880

749.8 keV (n,n') Level  
Legendre Coefficients

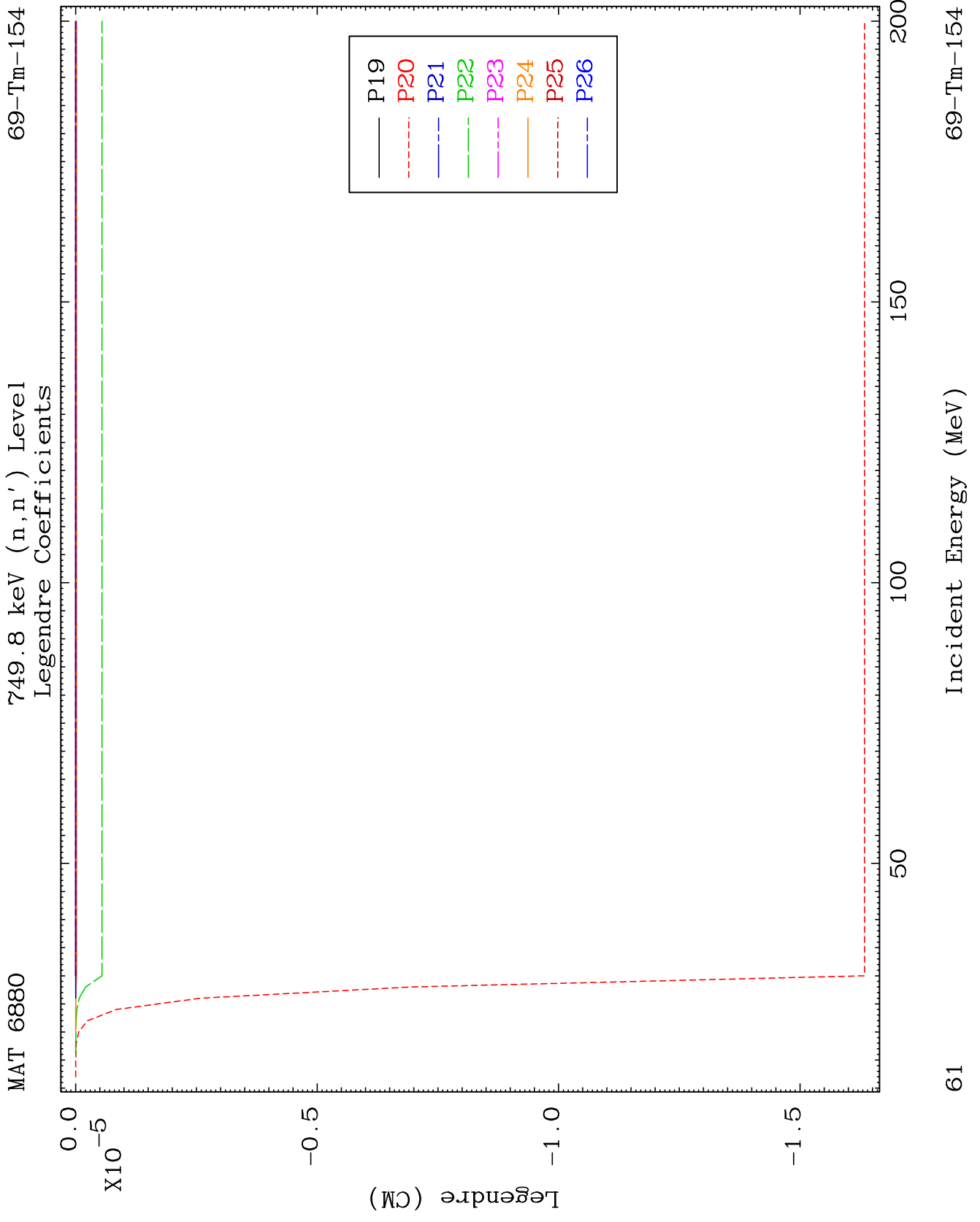
69-Tm-154



69-Tm-154

Incident Energy (MeV)

60

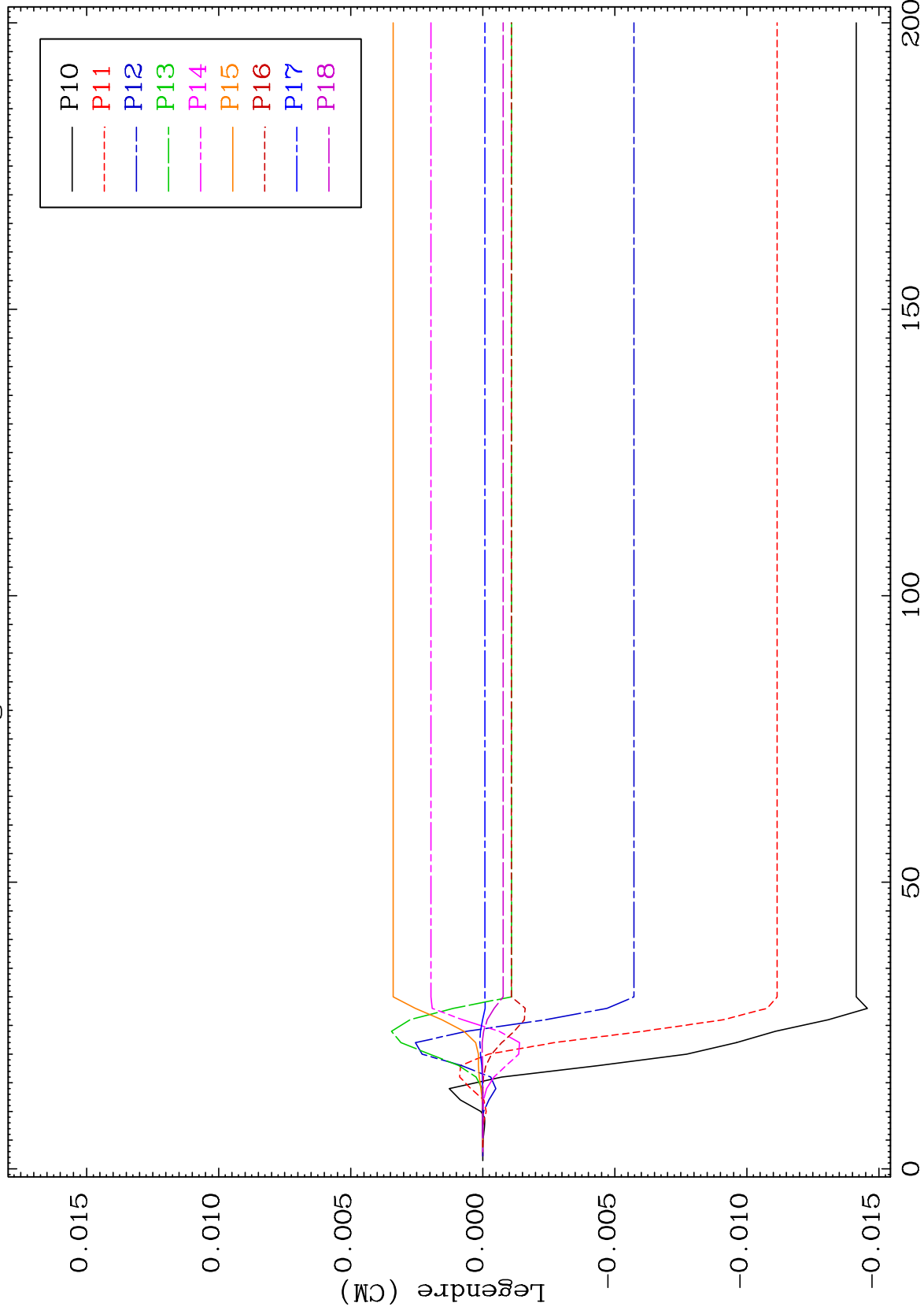




MAT 6880

756.1 keV (n,n') Level  
Legendre Coefficients

69-Tm-154

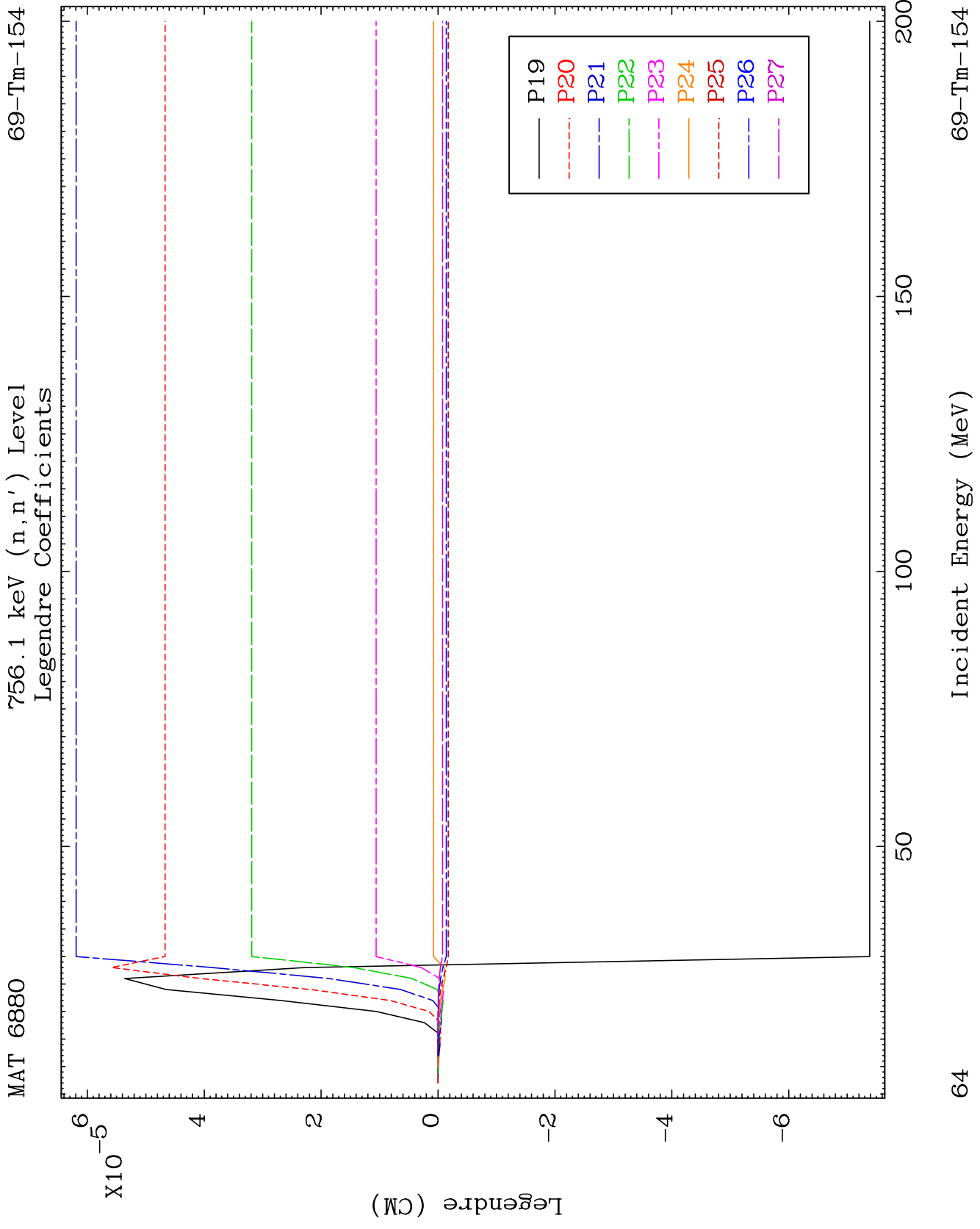


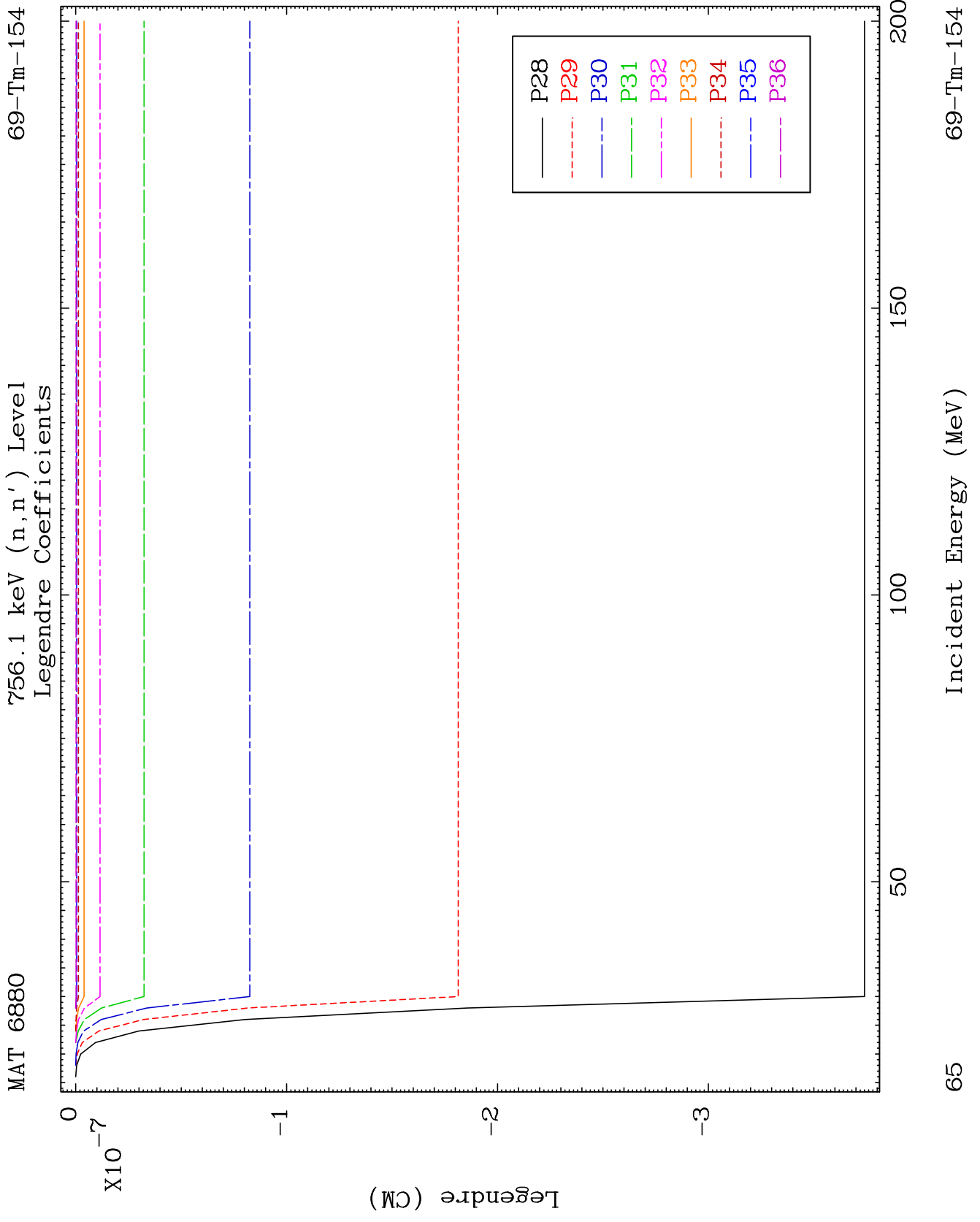
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Incident Energy (MeV)

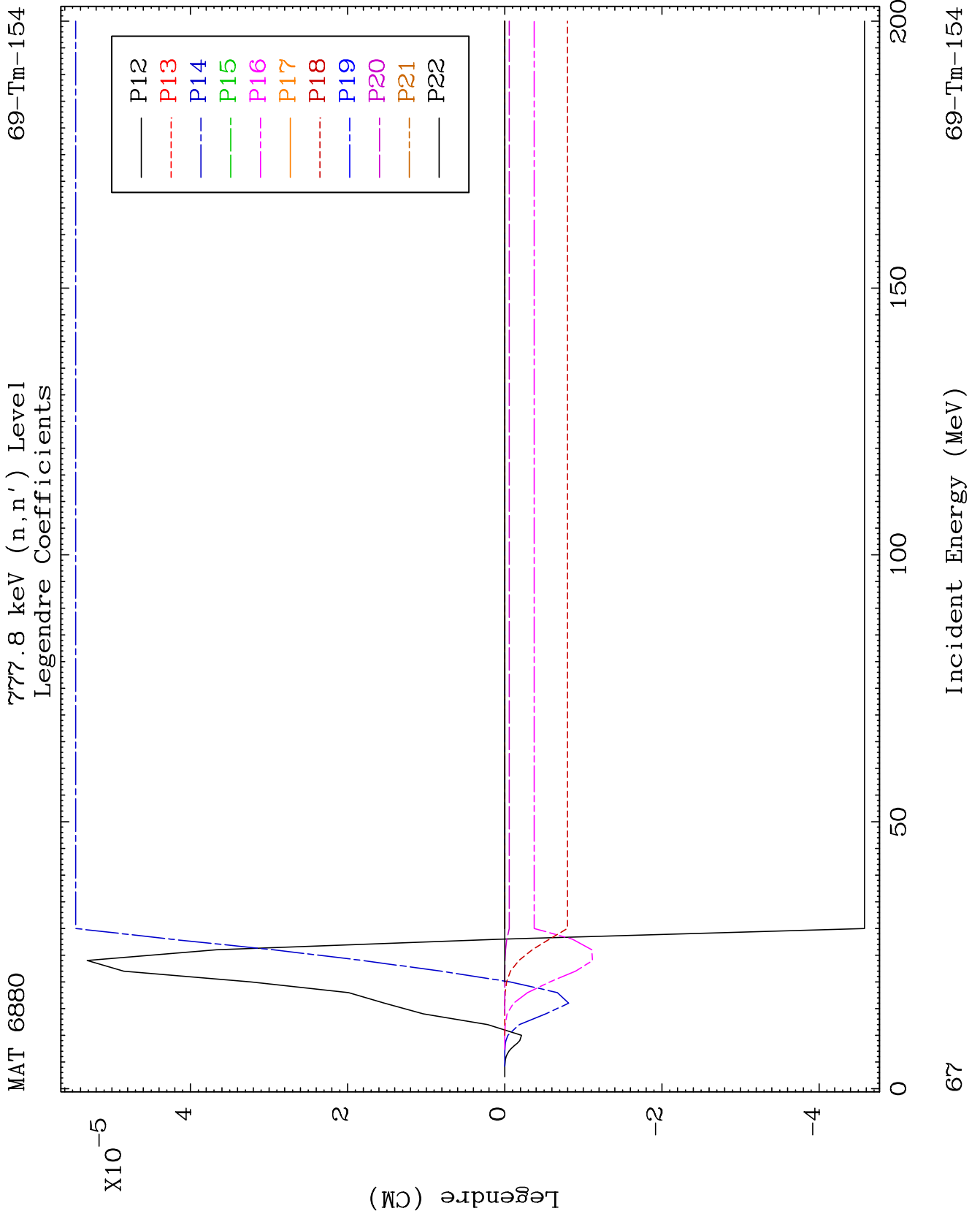
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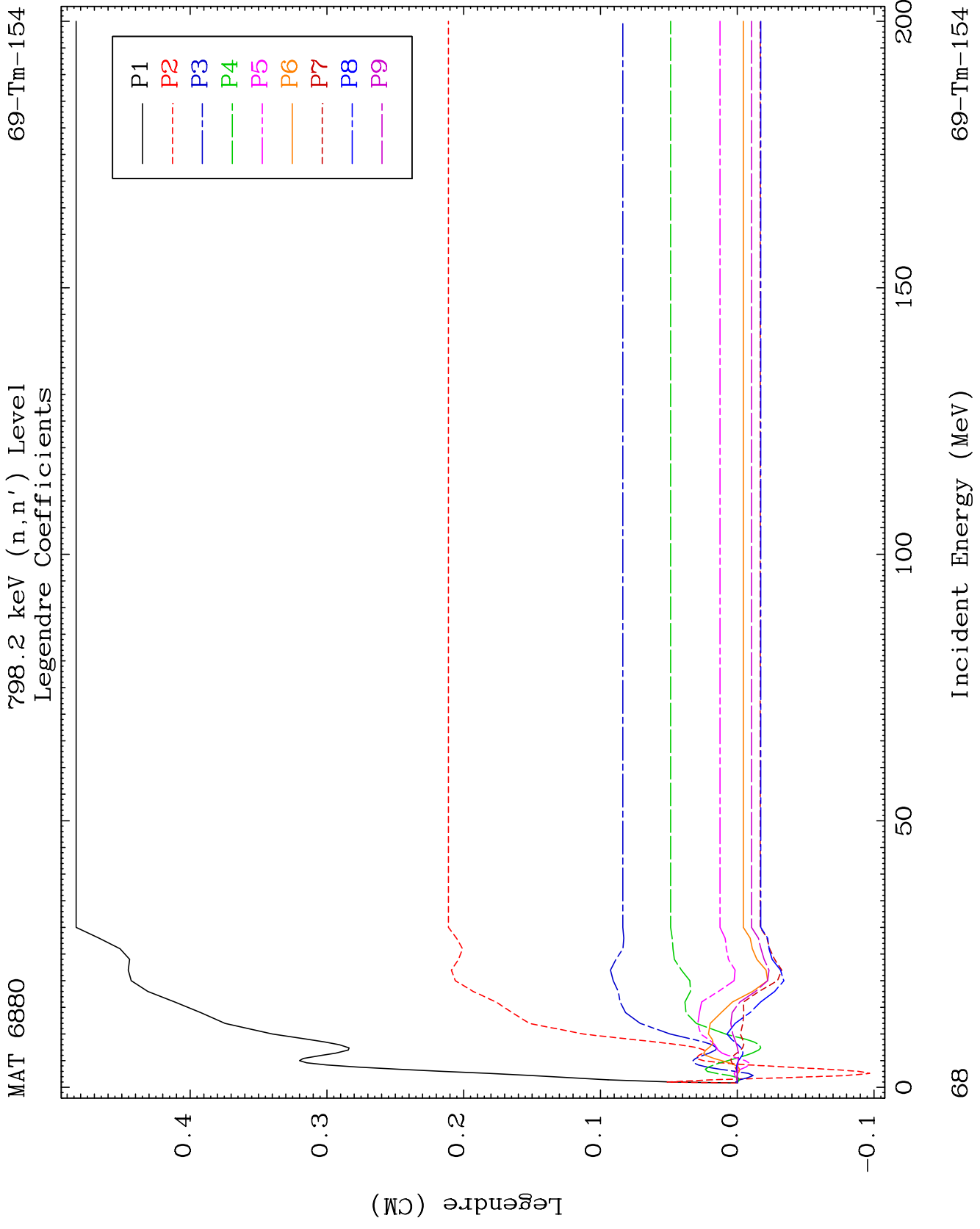




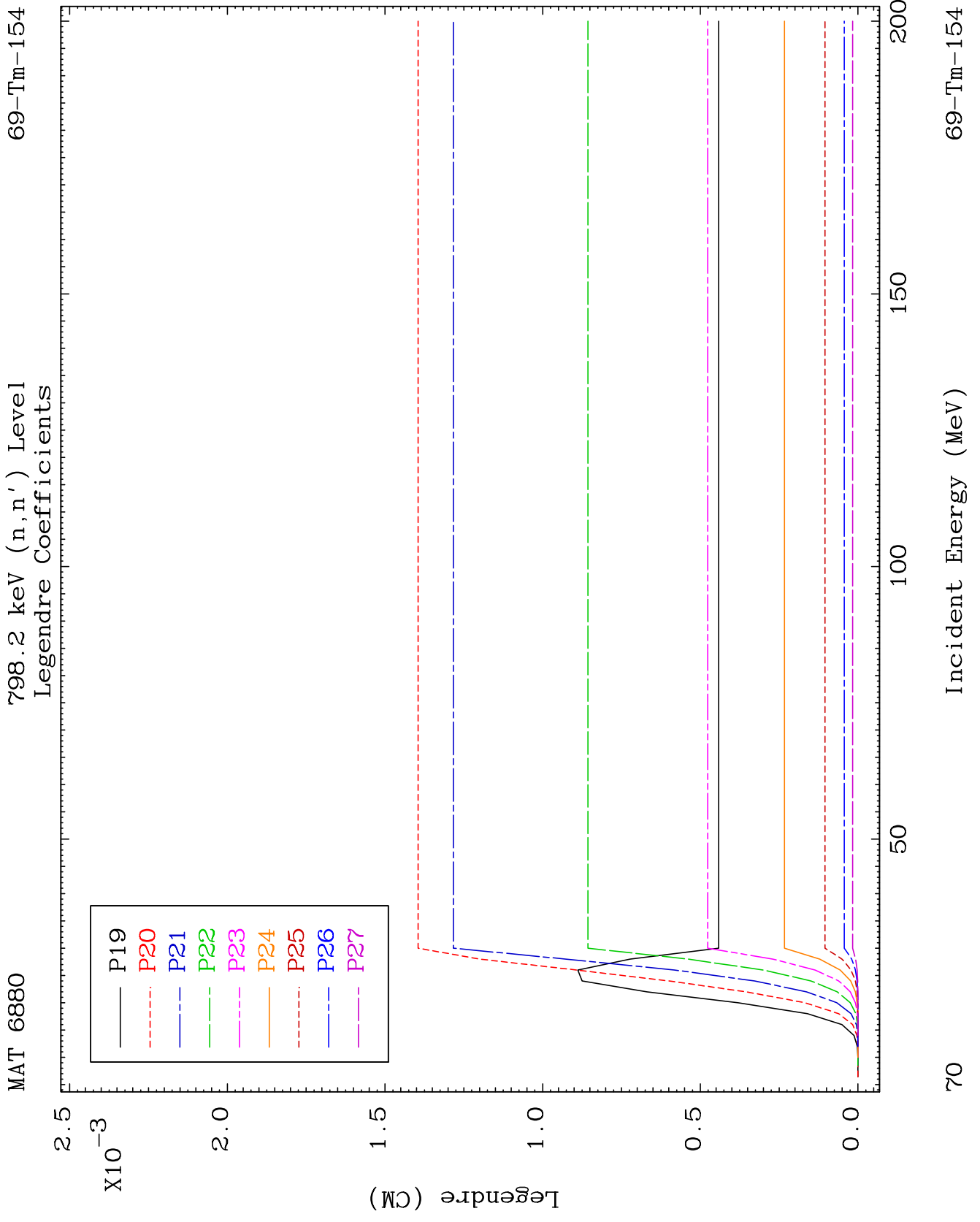


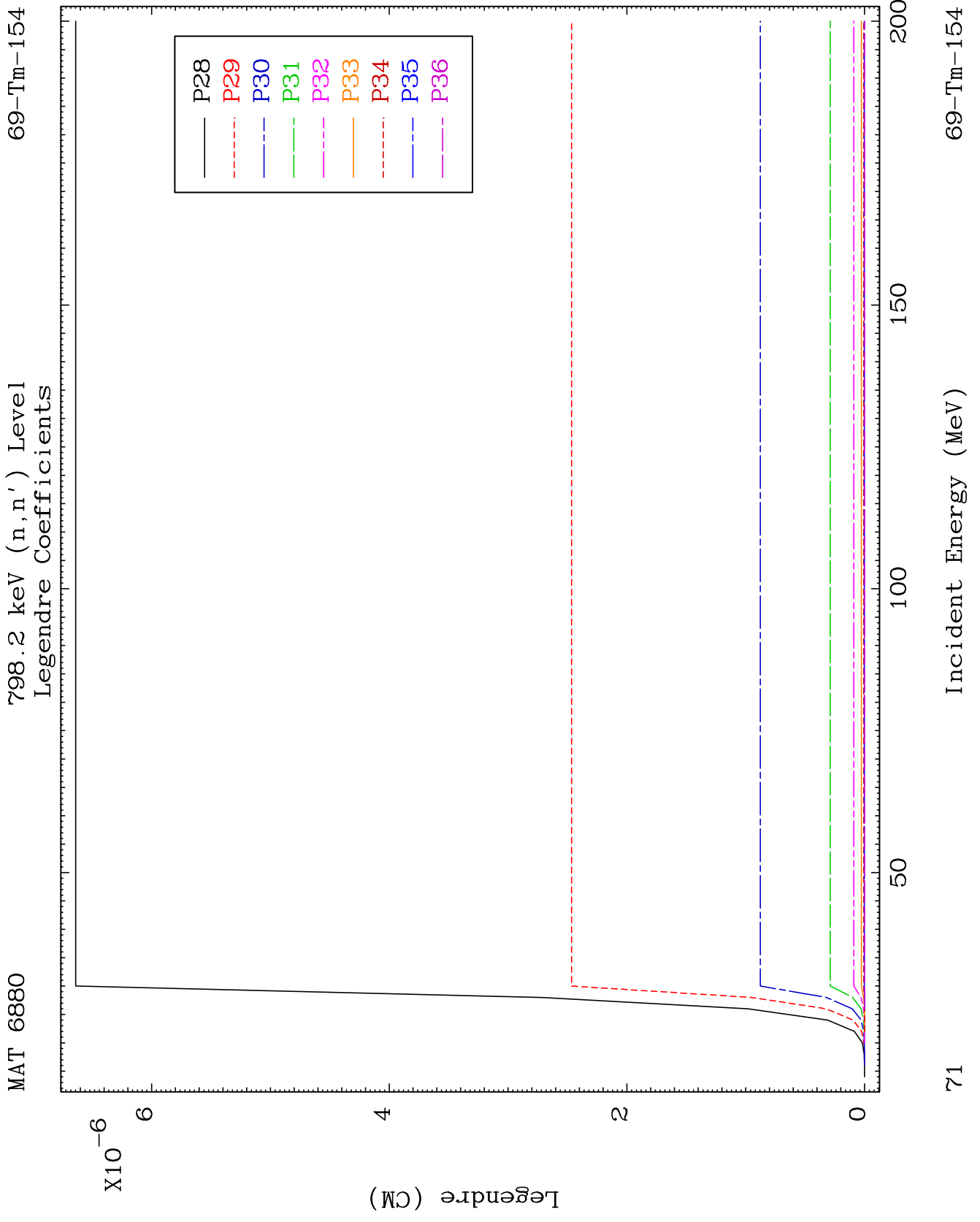




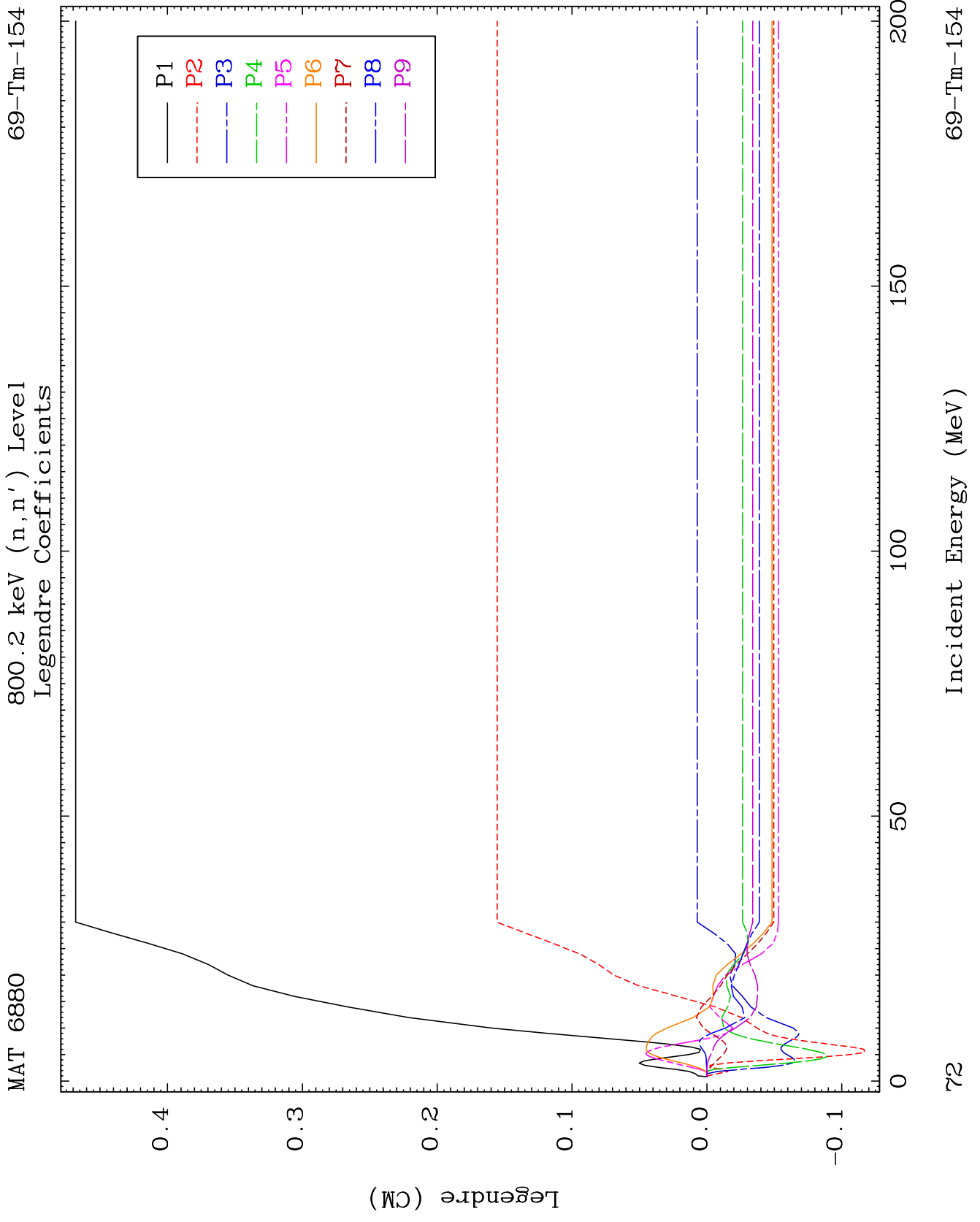








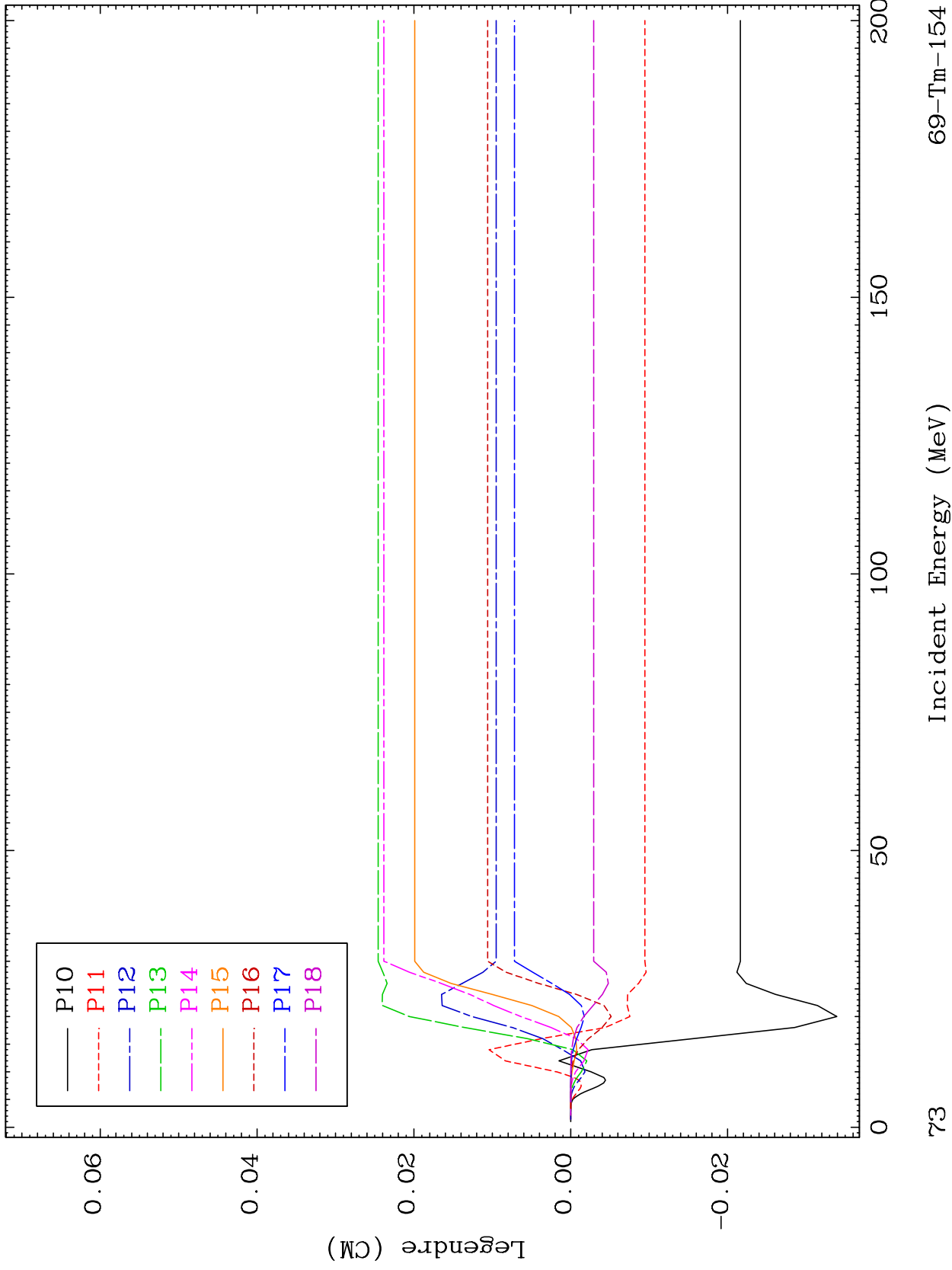




MAT 6880

800.2 keV (n,n') Level  
Legendre Coefficients

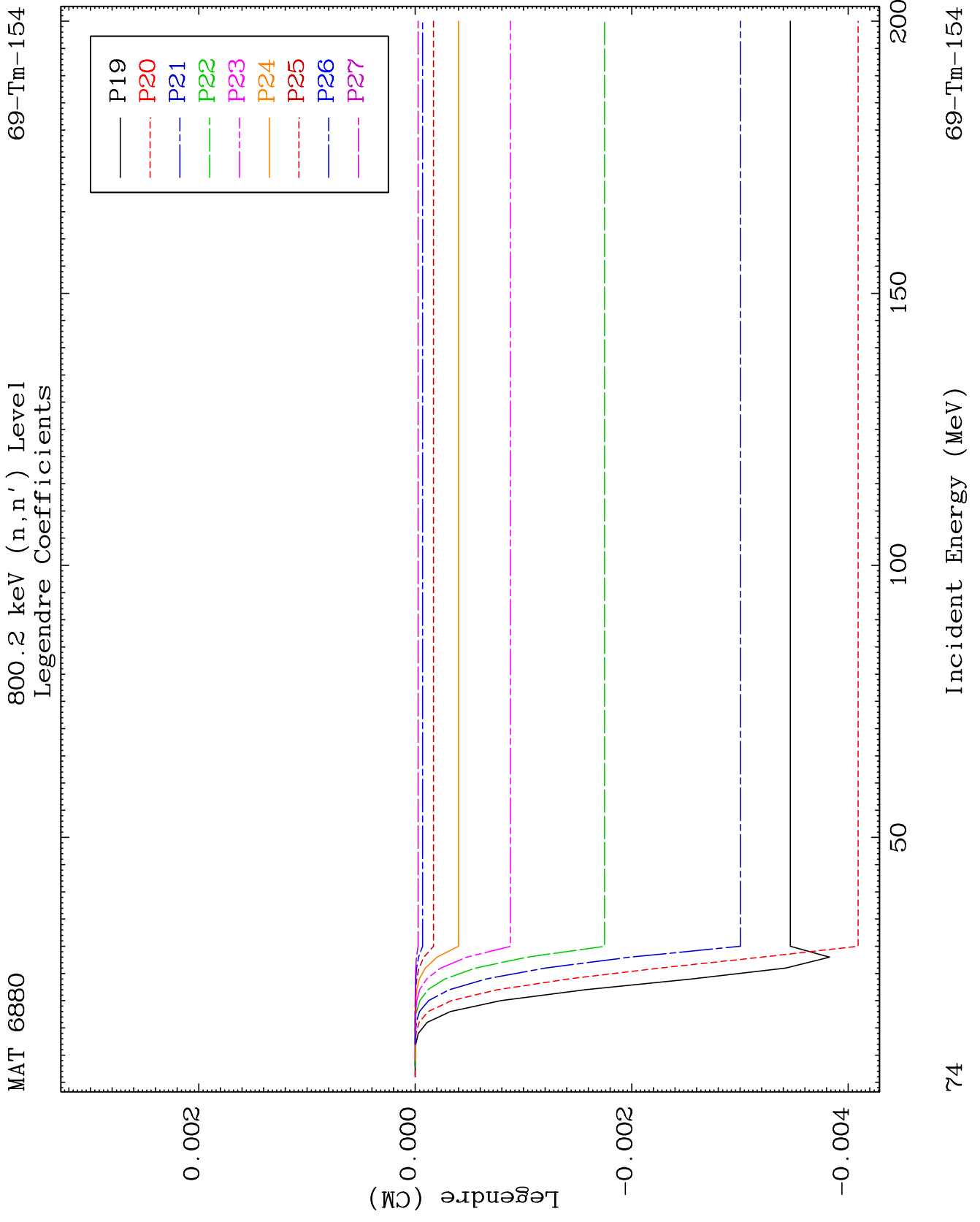
69-Tm-154



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Incident Energy (MeV)

69-Tm-154



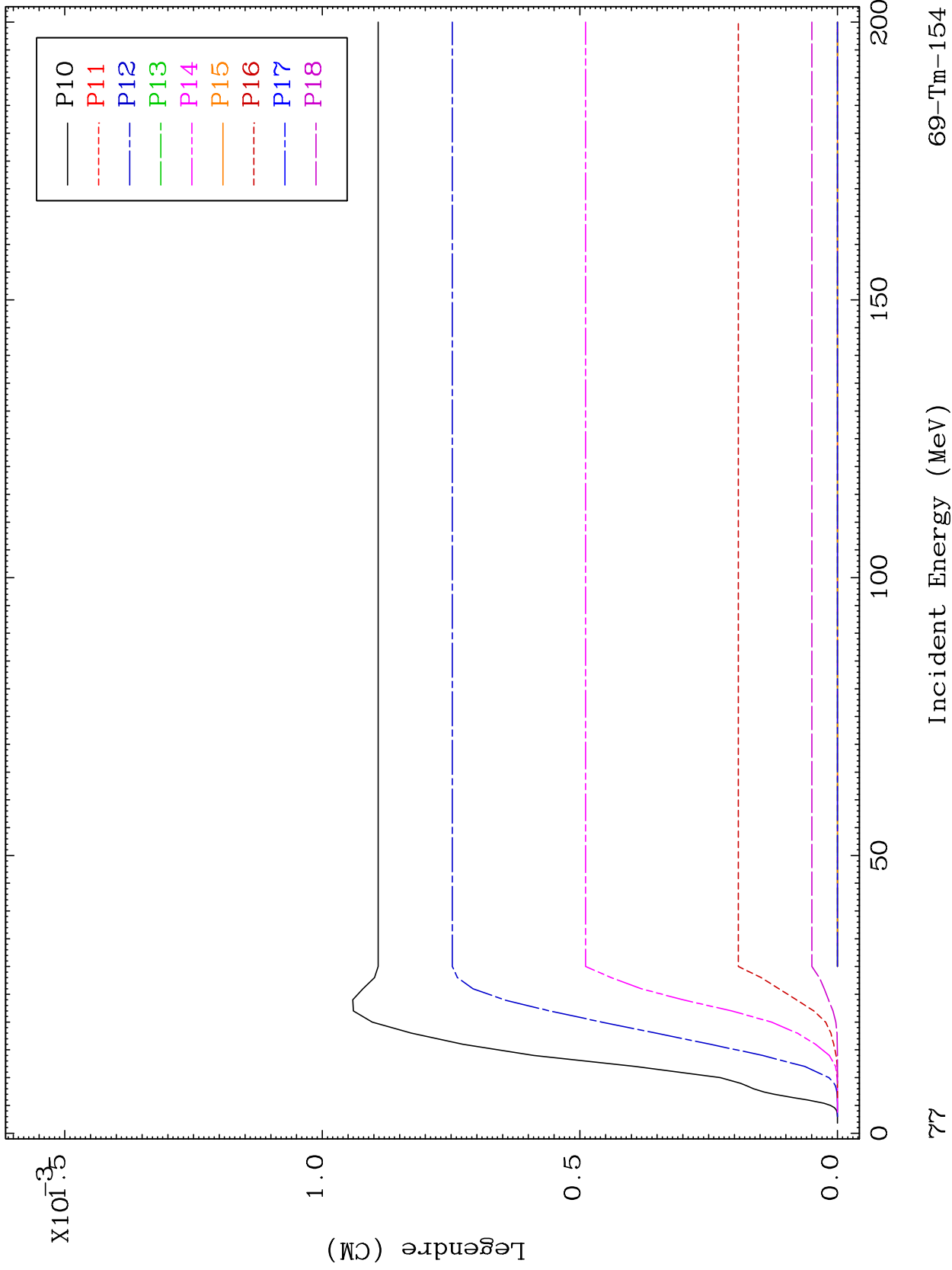




MAT 6880

801.7 keV (n,n') Level  
Legendre Coefficients

69-Tm-154



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Incident Energy (MeV)

69-Tm-154



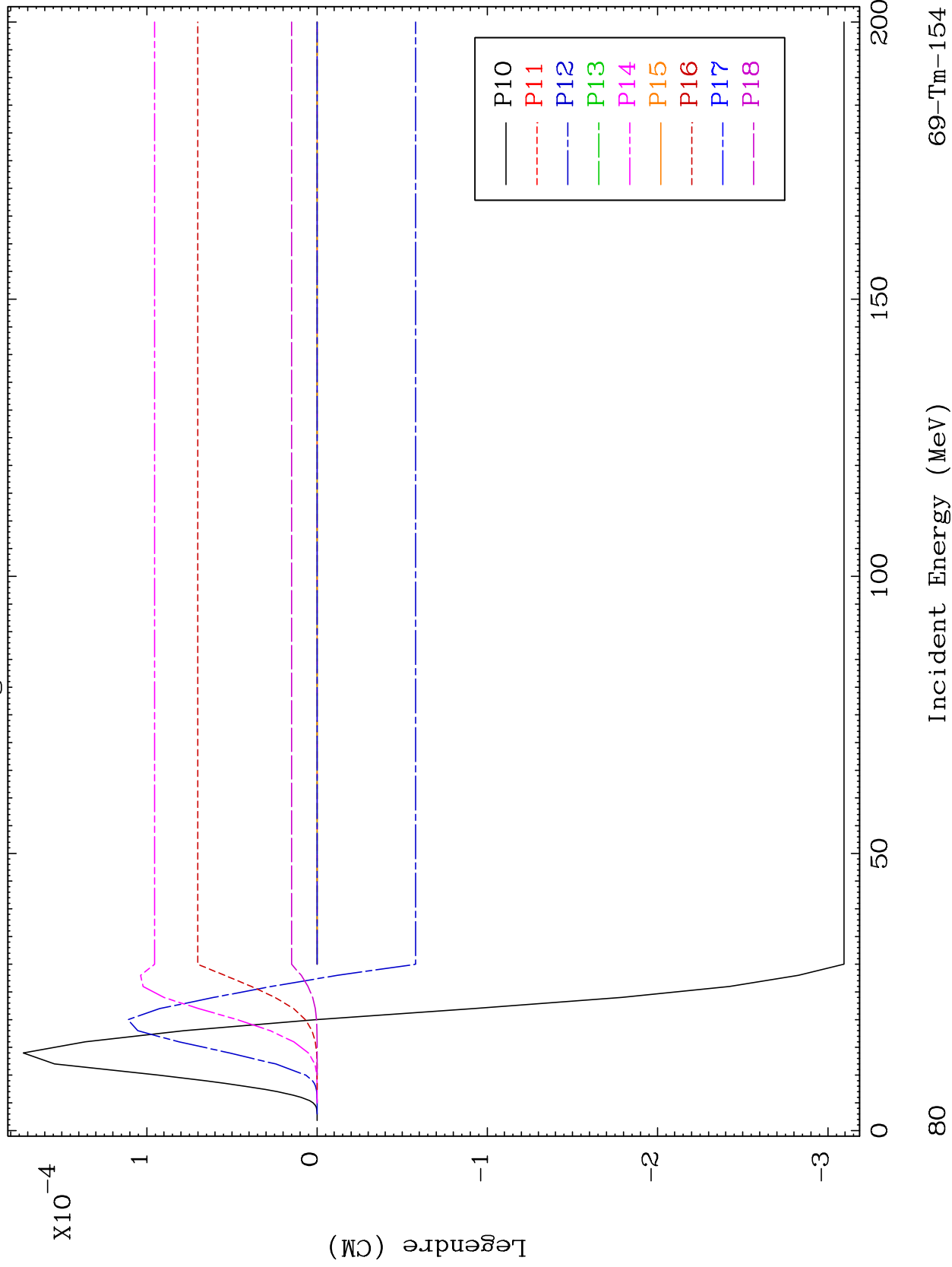




MAT 6880

805.6 keV (n,n') Level  
Legendre Coefficients

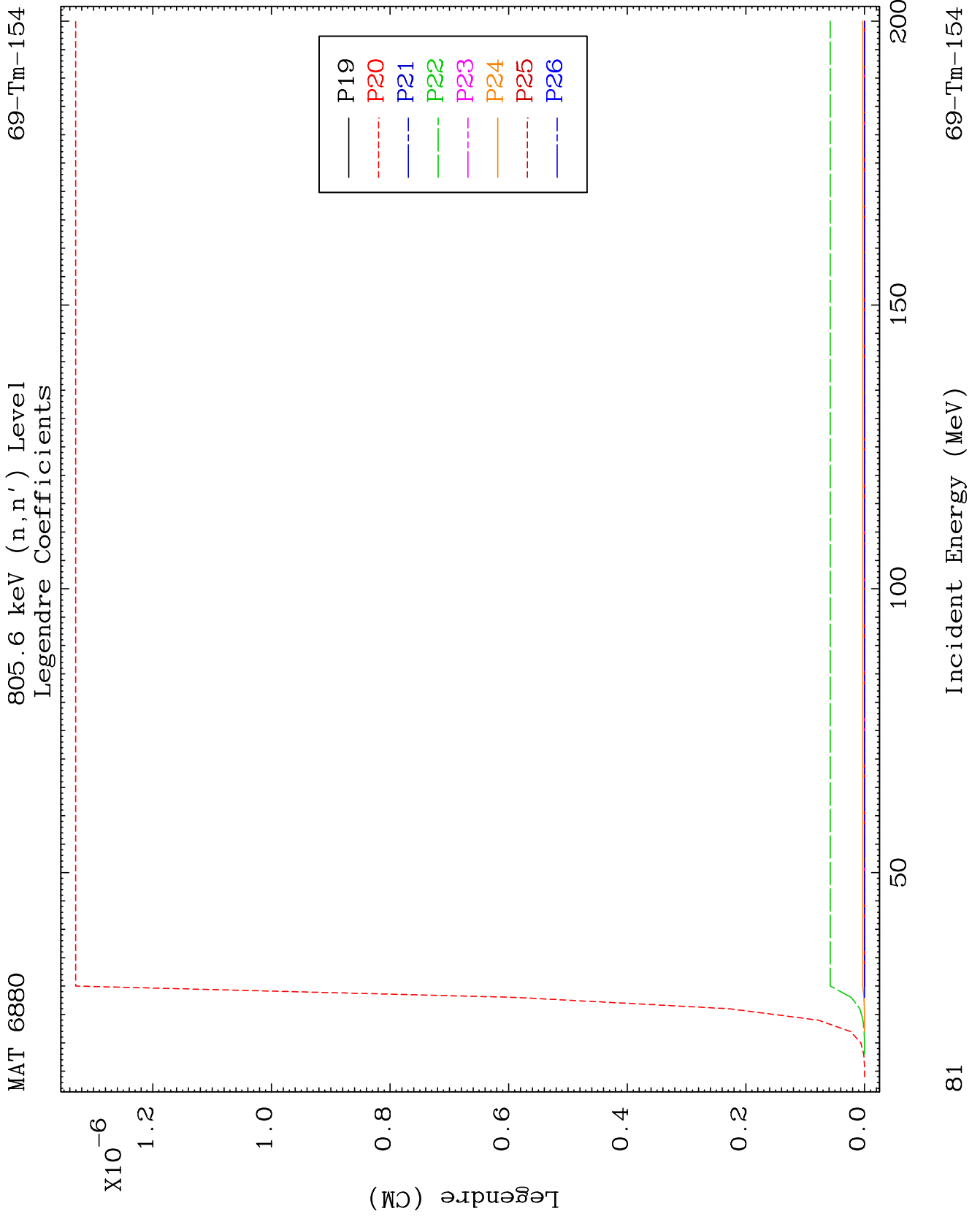
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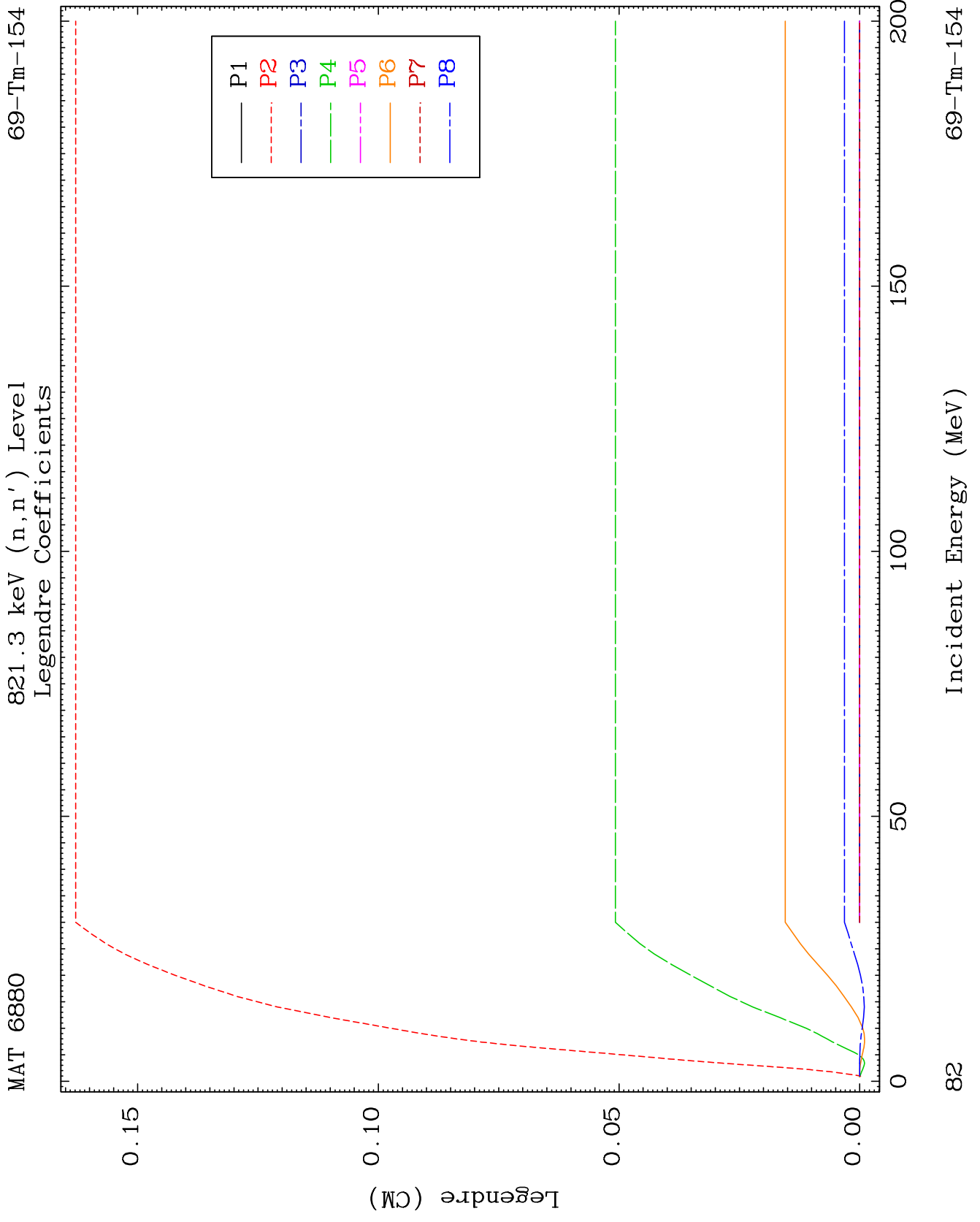


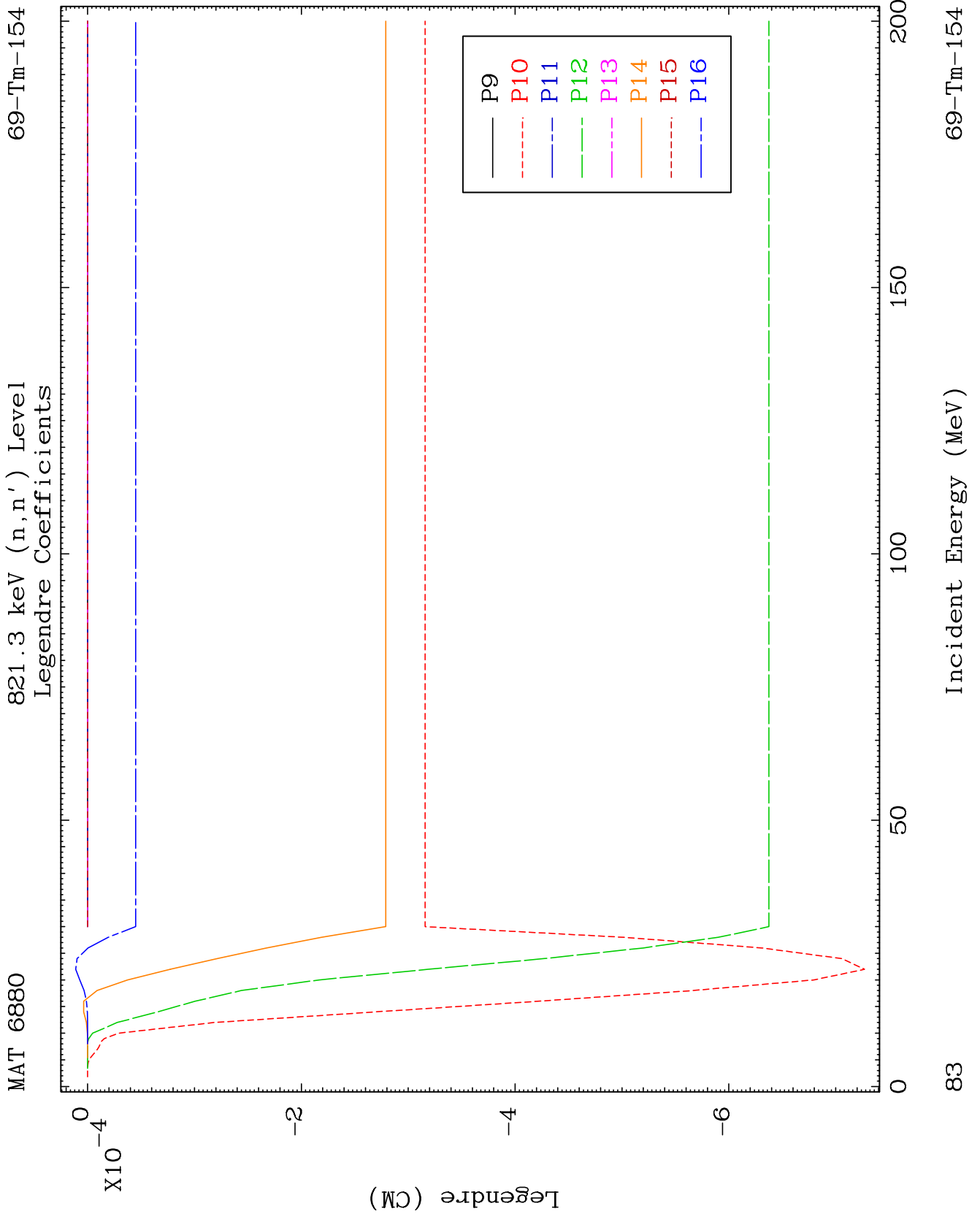
69-Tm-154

Incident Energy (MeV)

80

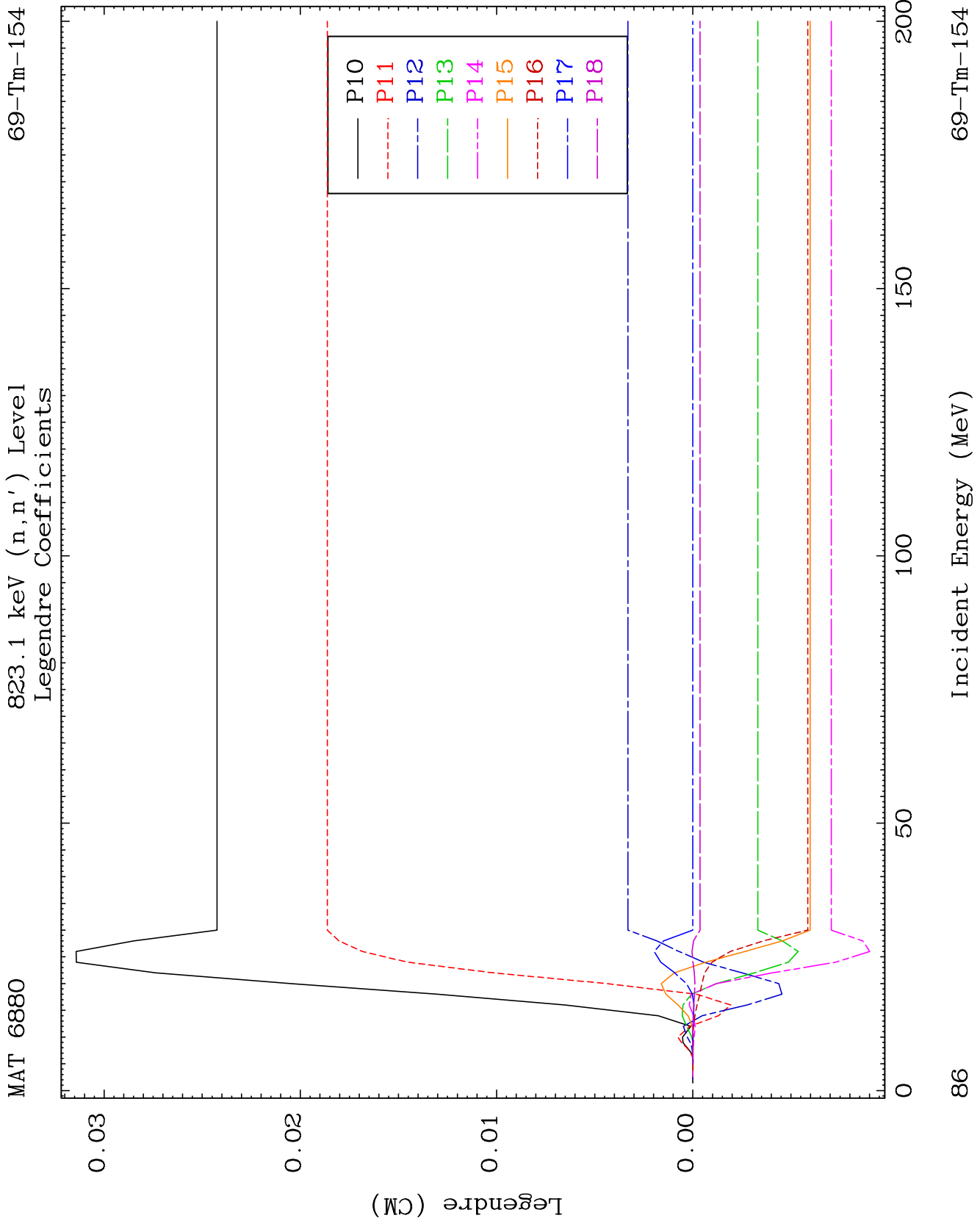


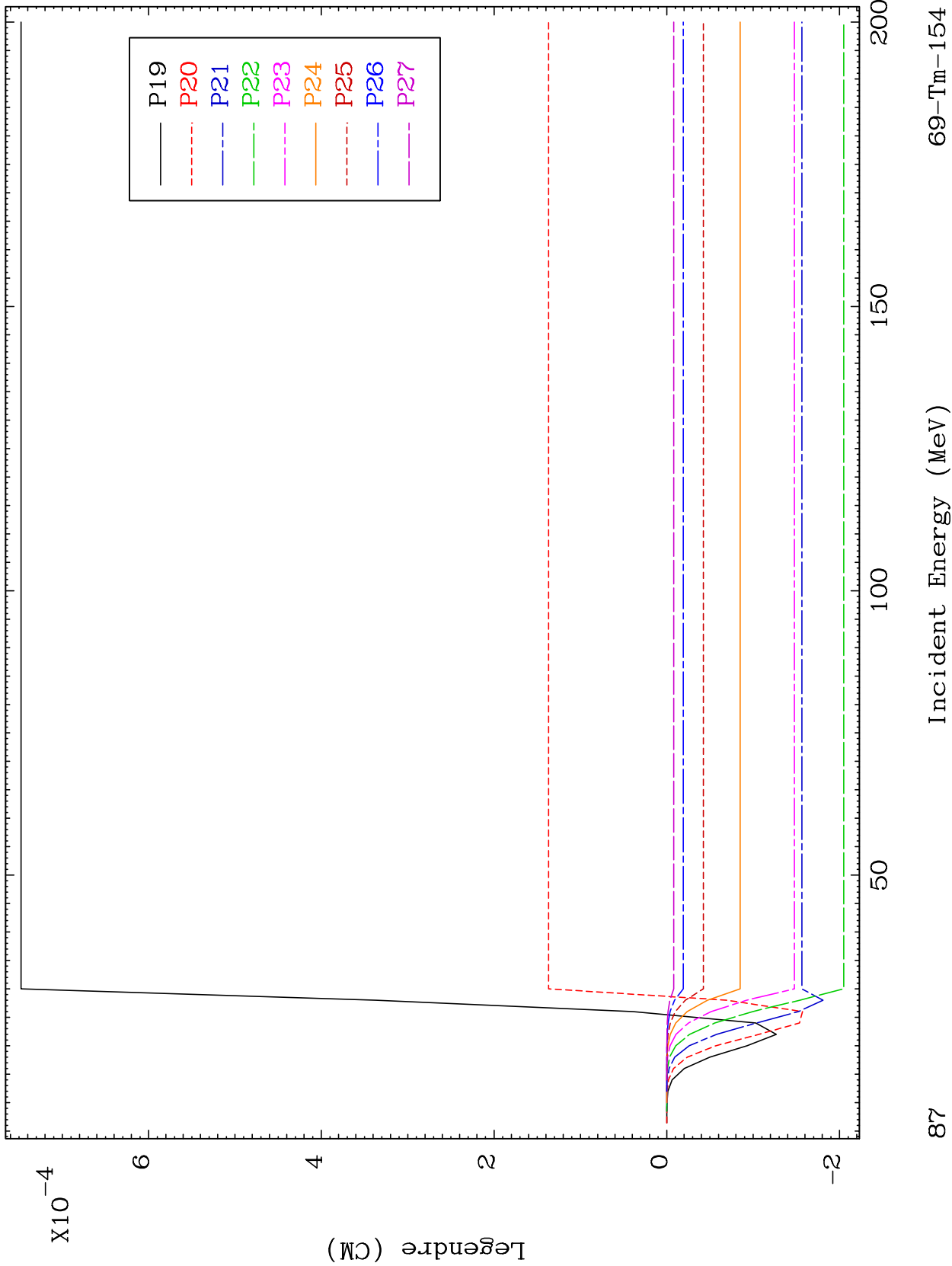






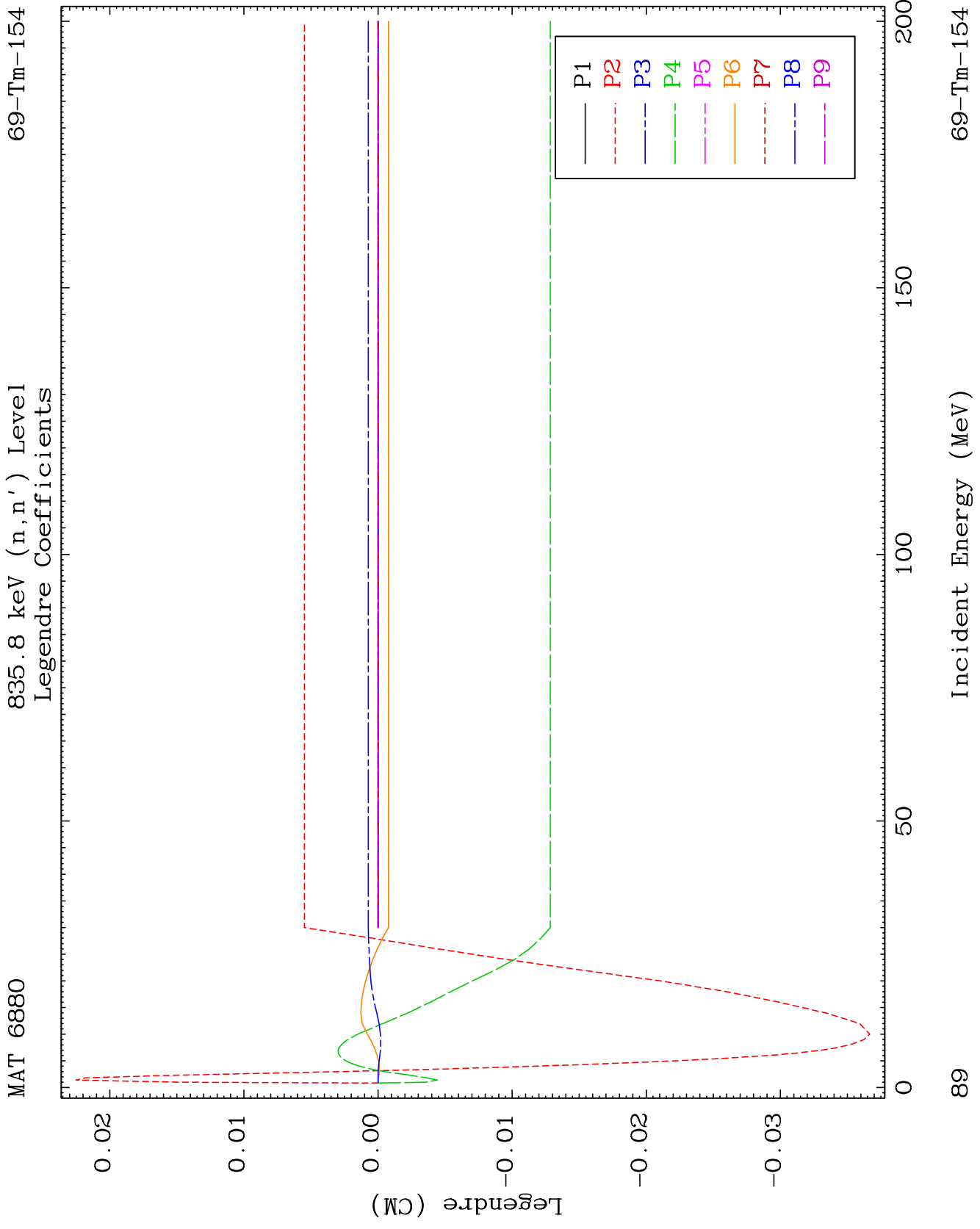








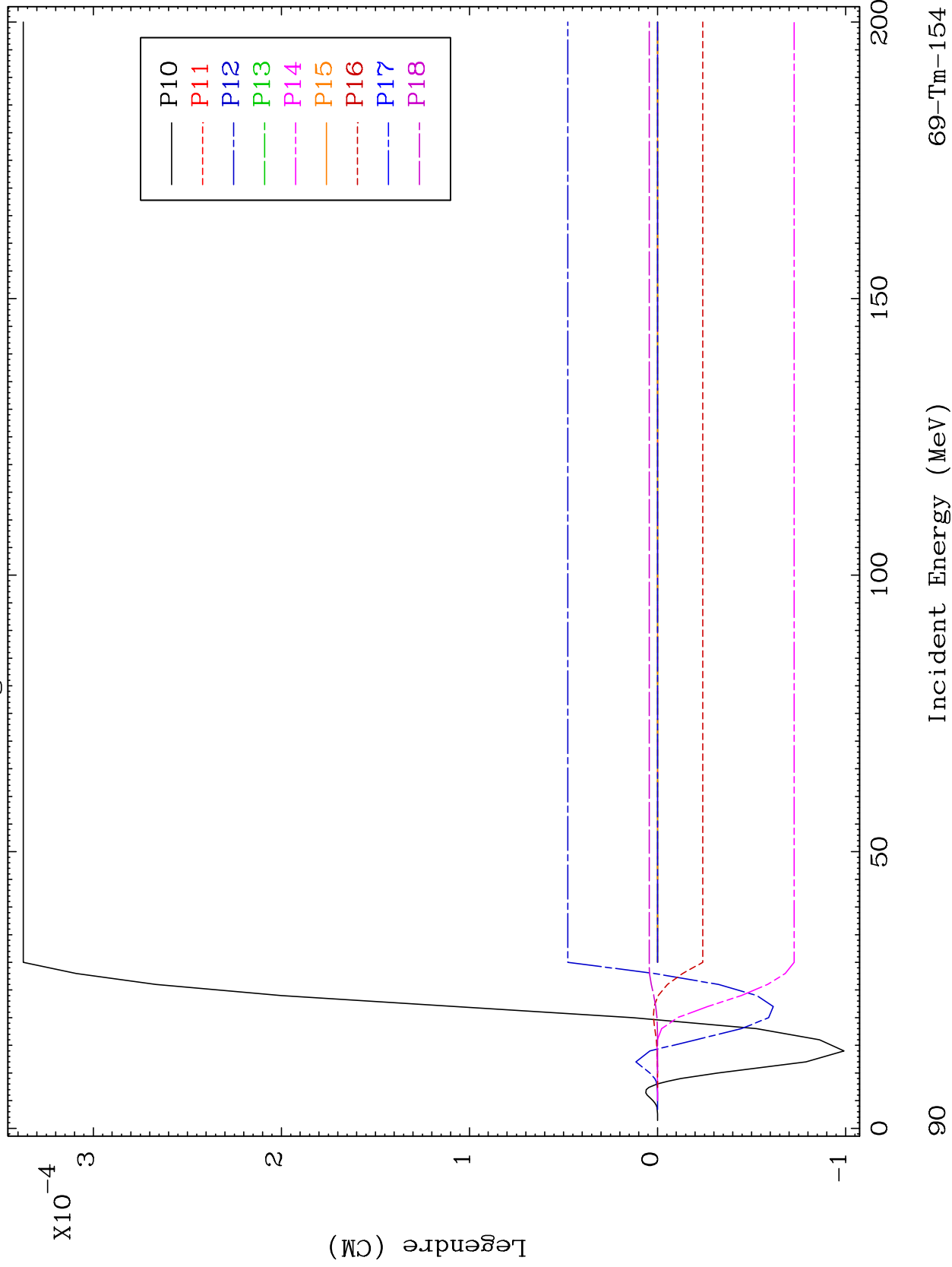




MAT 6880

835.8 keV (n,n') Level  
Legendre Coefficients

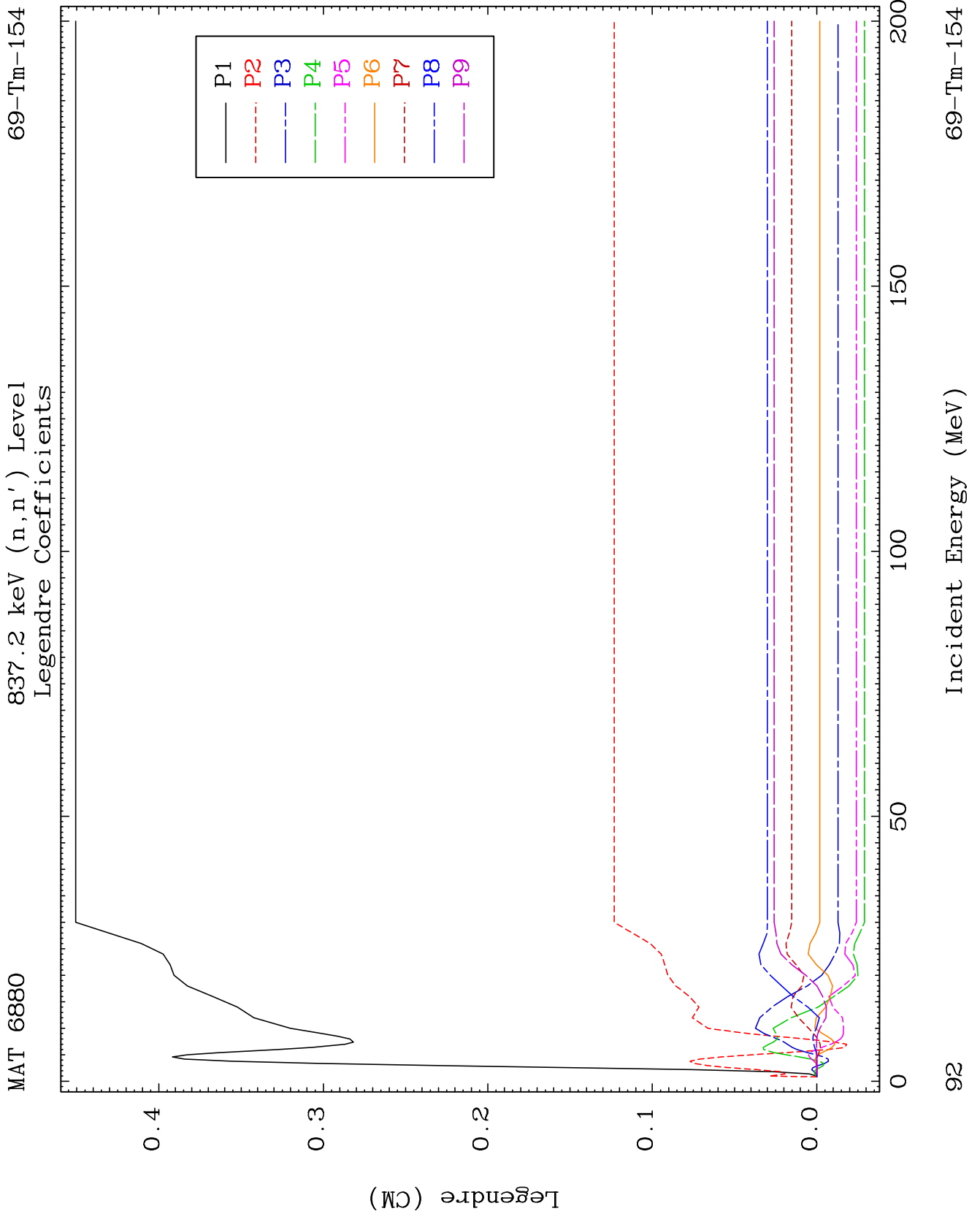
69-Tm-154

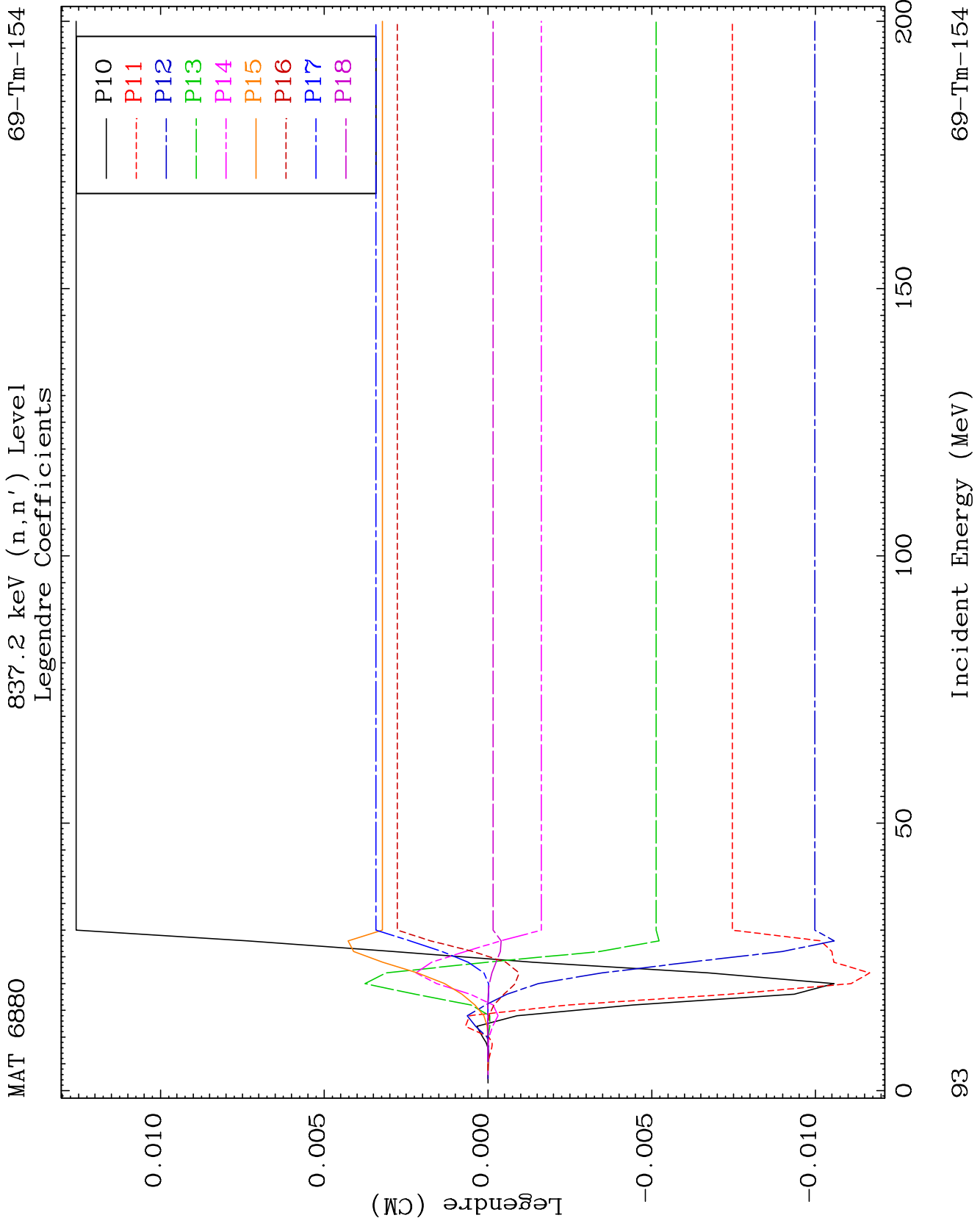


69-Tm-154

Incident Energy (MeV)



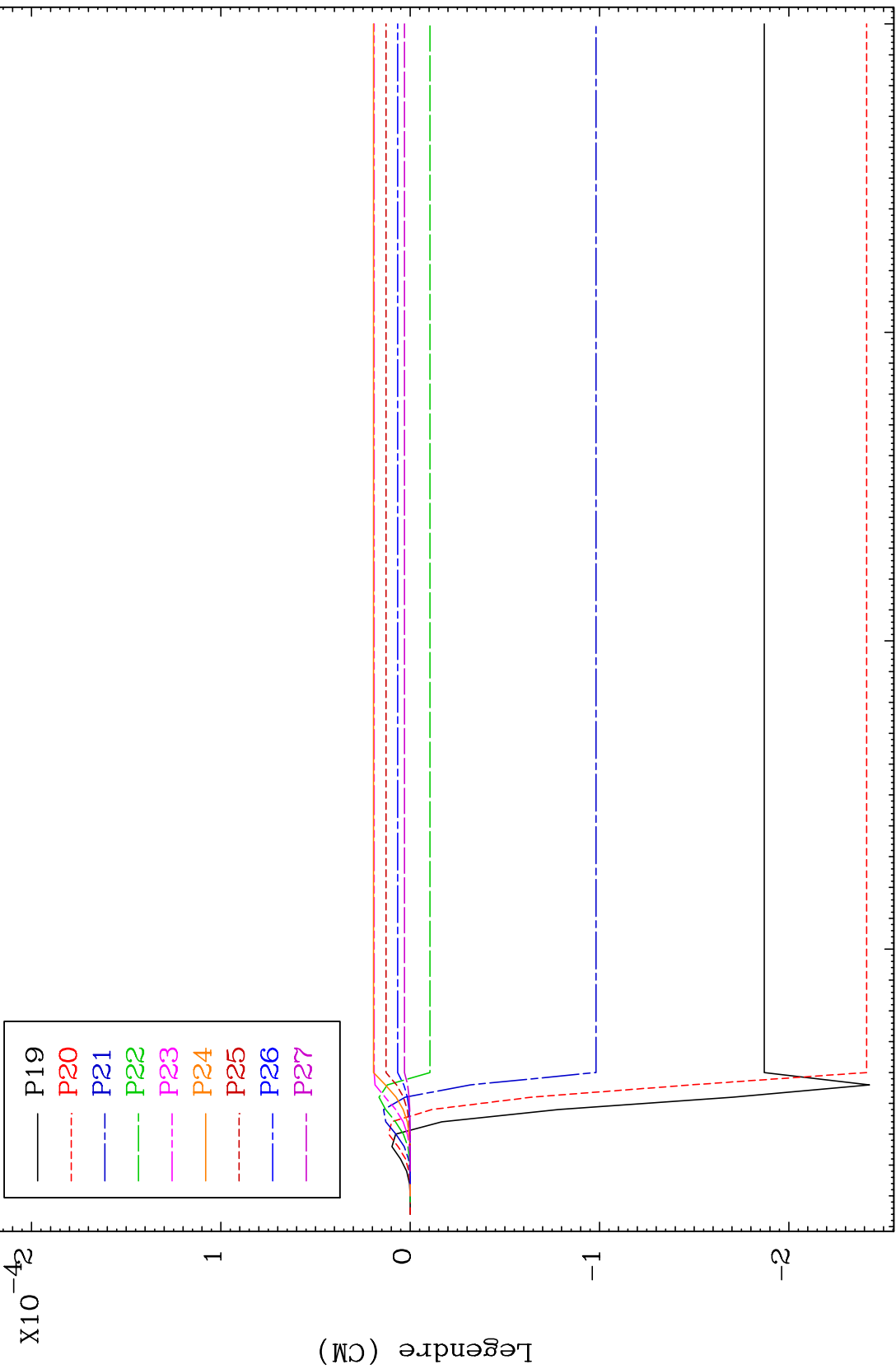
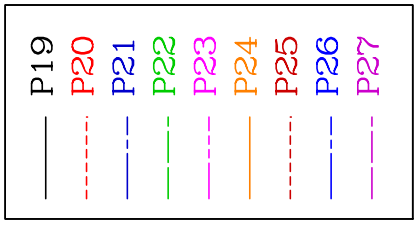




MAT 6880

837.2 keV (n,n') Level  
Legendre Coefficients

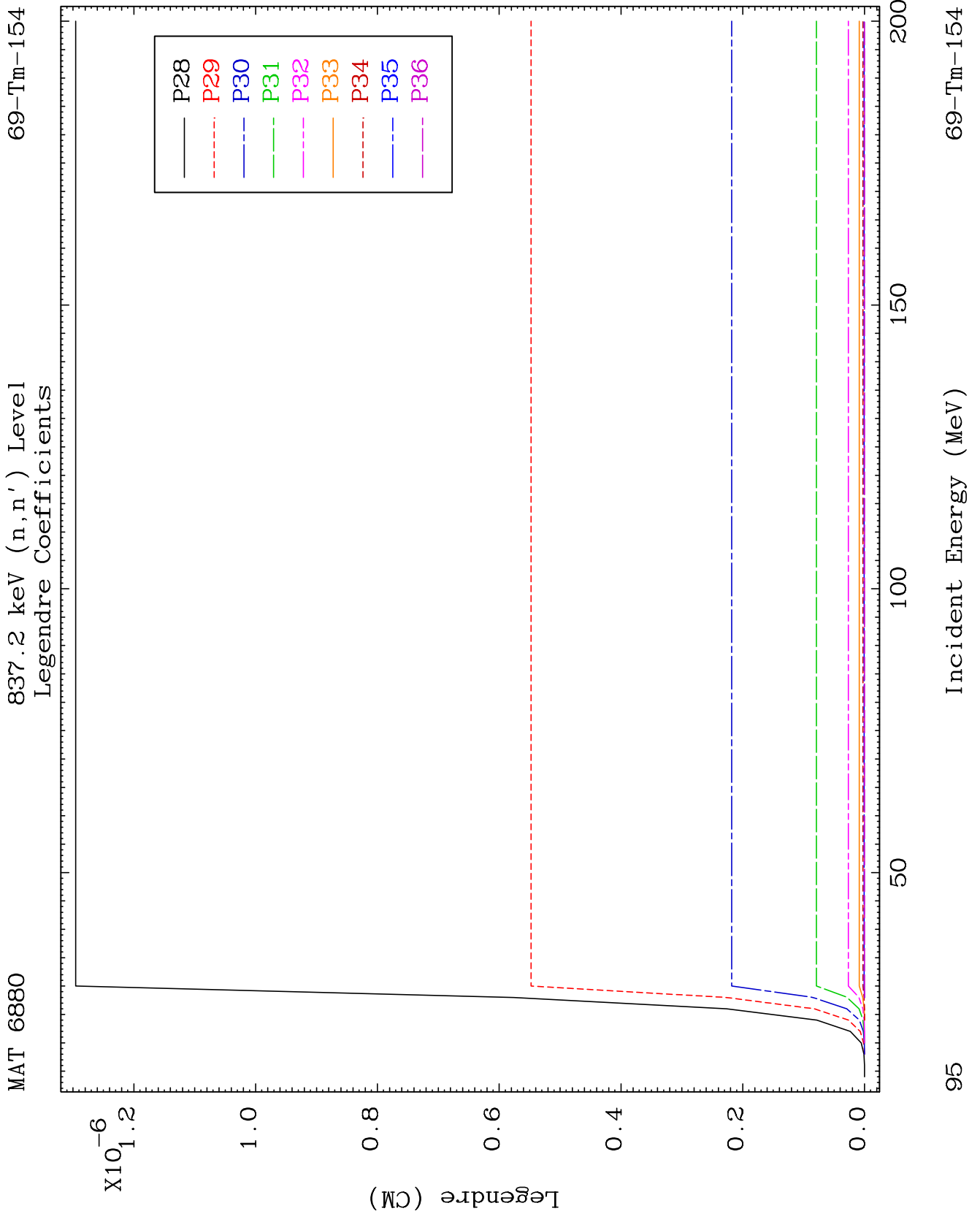
69-Tm-154



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Incident Energy (MeV)

69-Tm-154



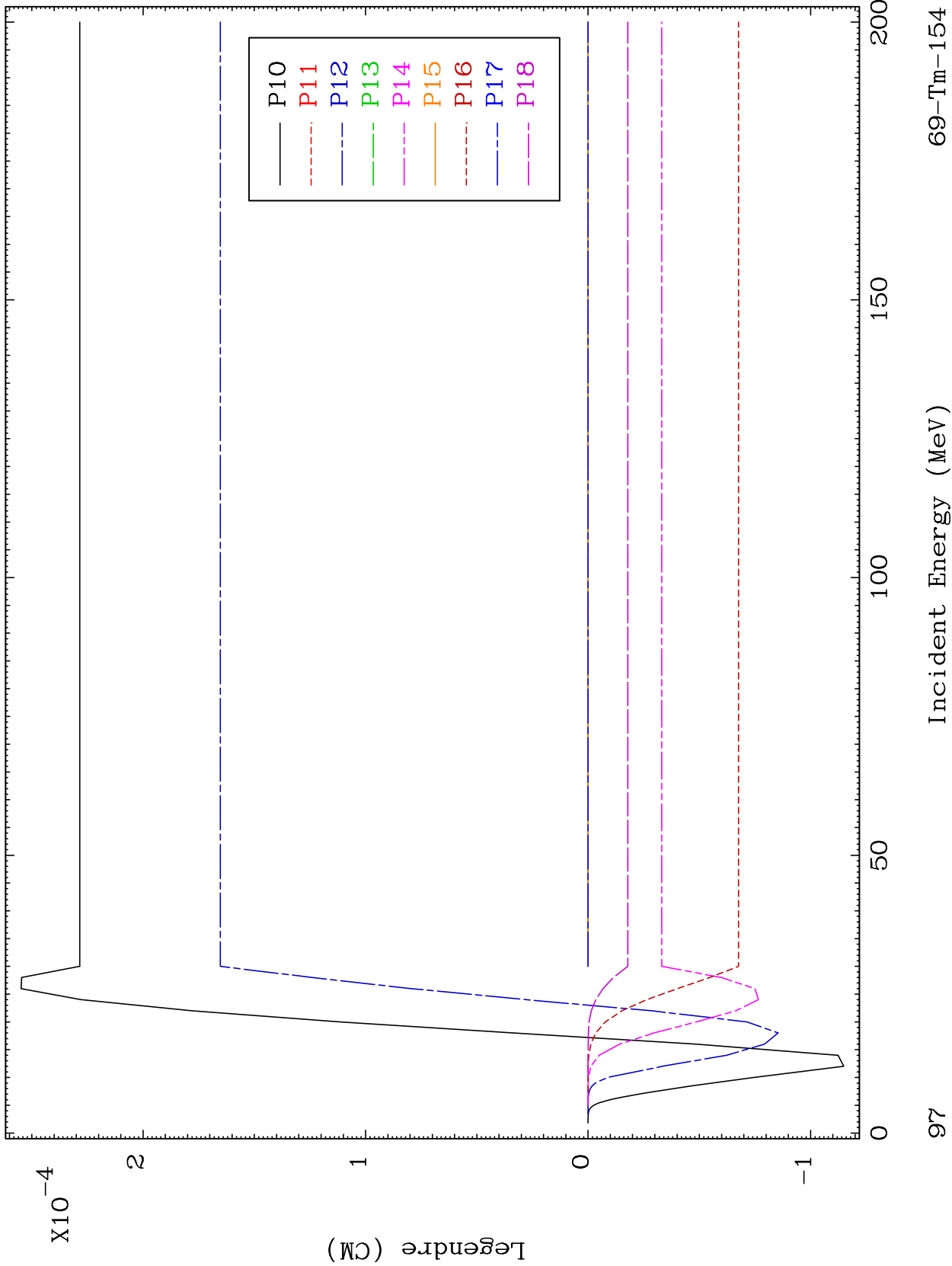




MAT 6880

842.5 keV (n,n') Level  
Legendre Coefficients

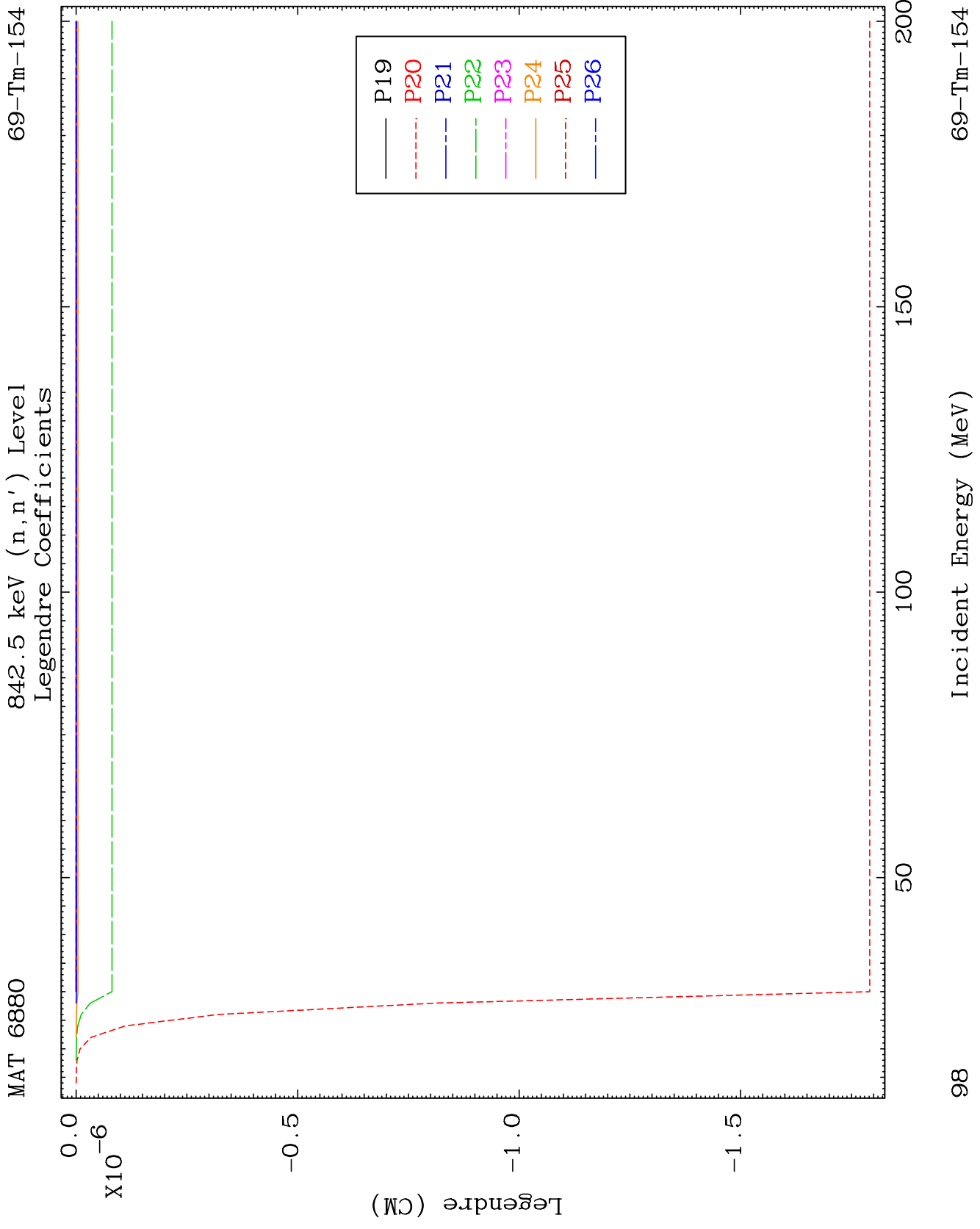
69-Tm-154



97

Incident Energy (MeV)

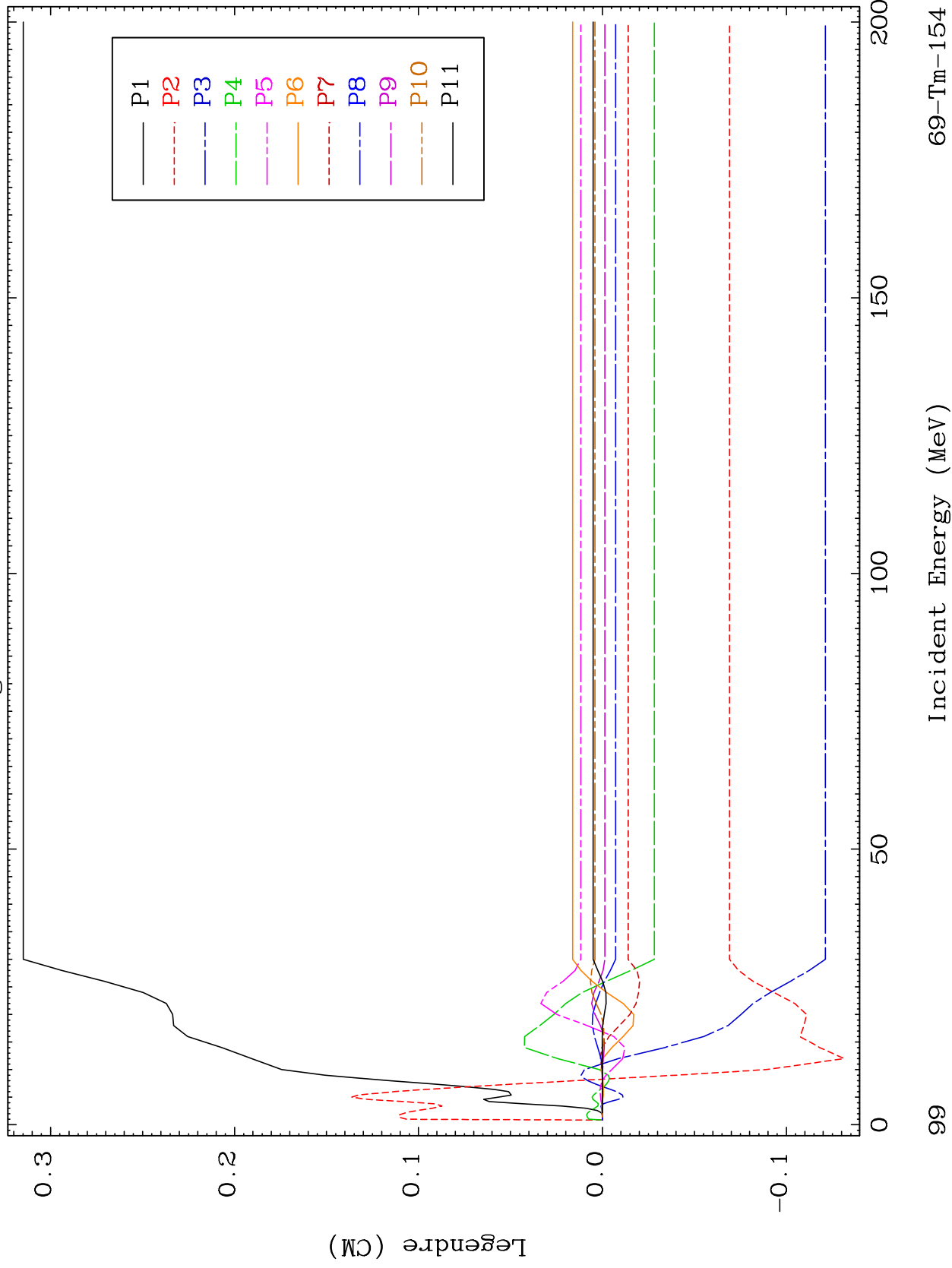
69-Tm-154



MAT 6880

844.4 keV (n,n') Level  
Legendre Coefficients

69-Tm-154



69-Tm-154

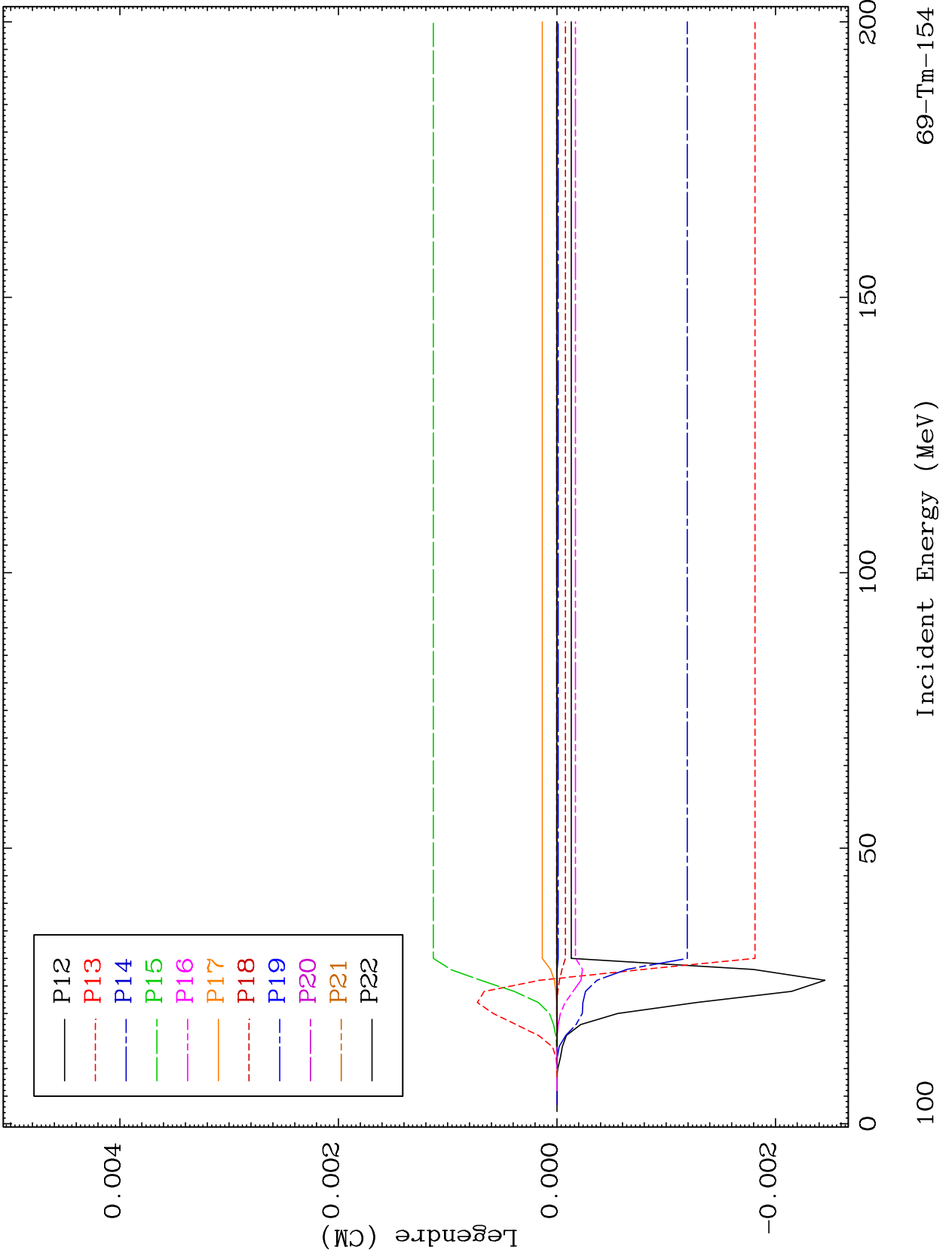
Incident Energy (MeV)

99

MAT 6880

844.4 keV (n,n') Level  
Legendre Coefficients

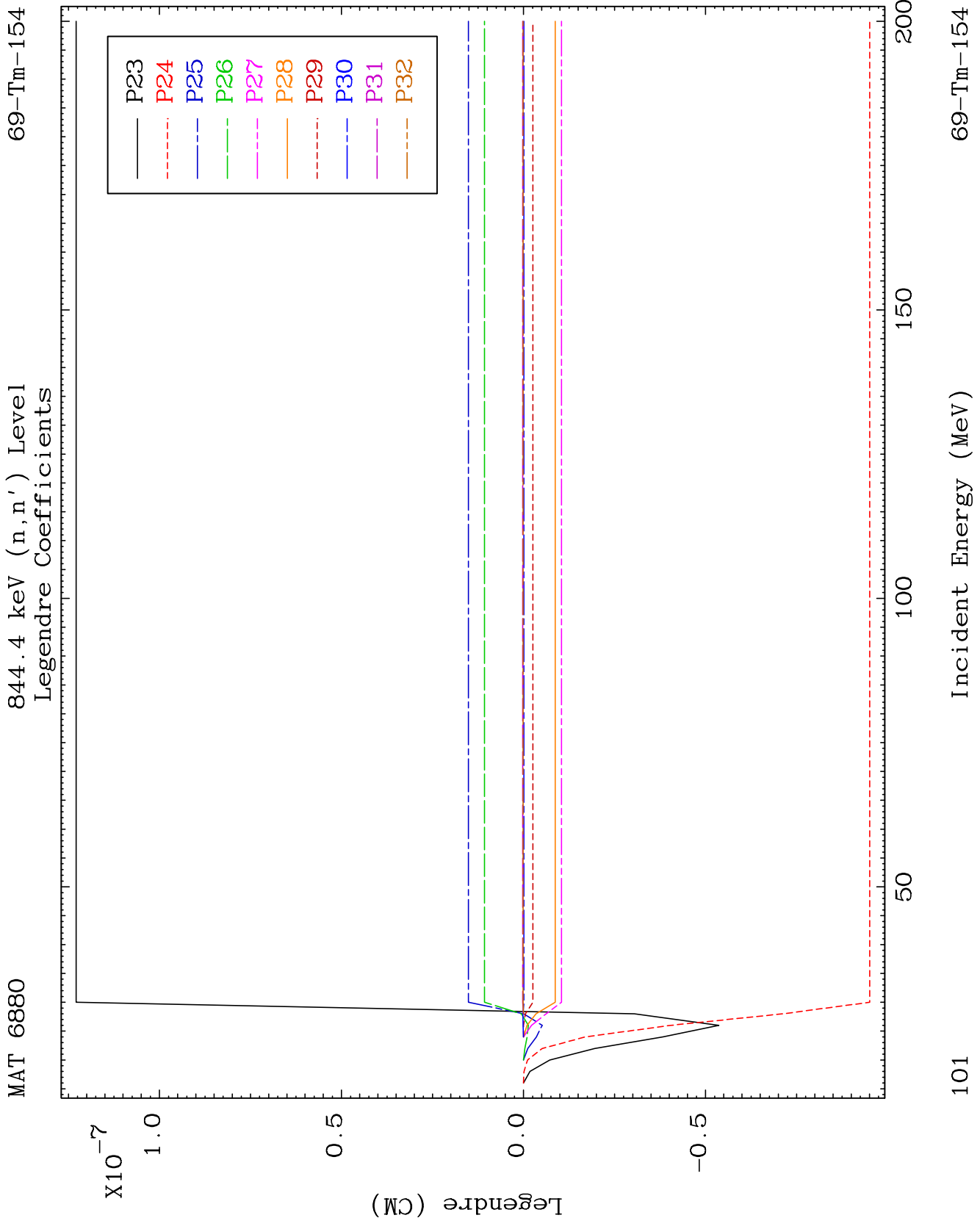
69-Tm-154

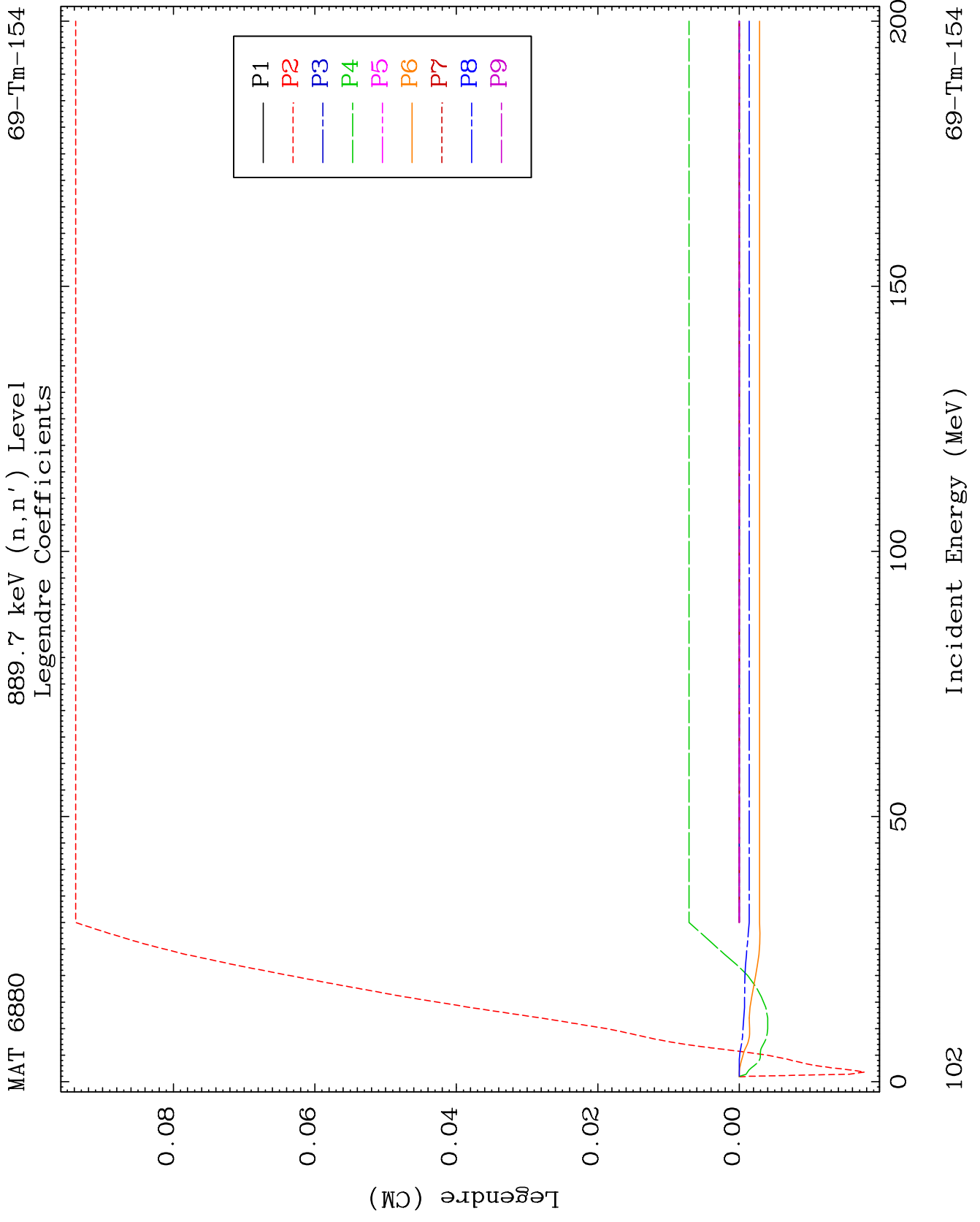


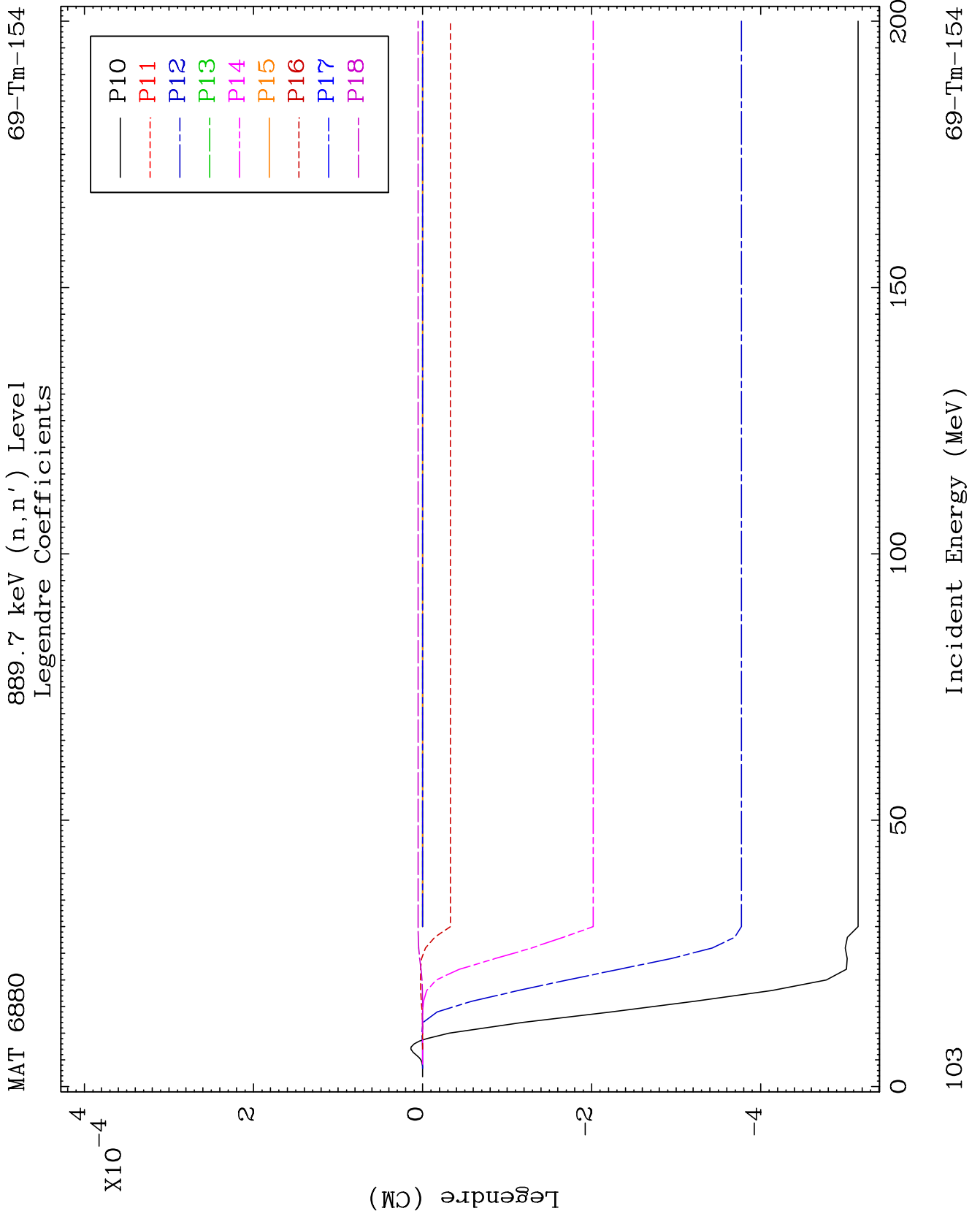
69-Tm-154

Incident Energy (MeV)

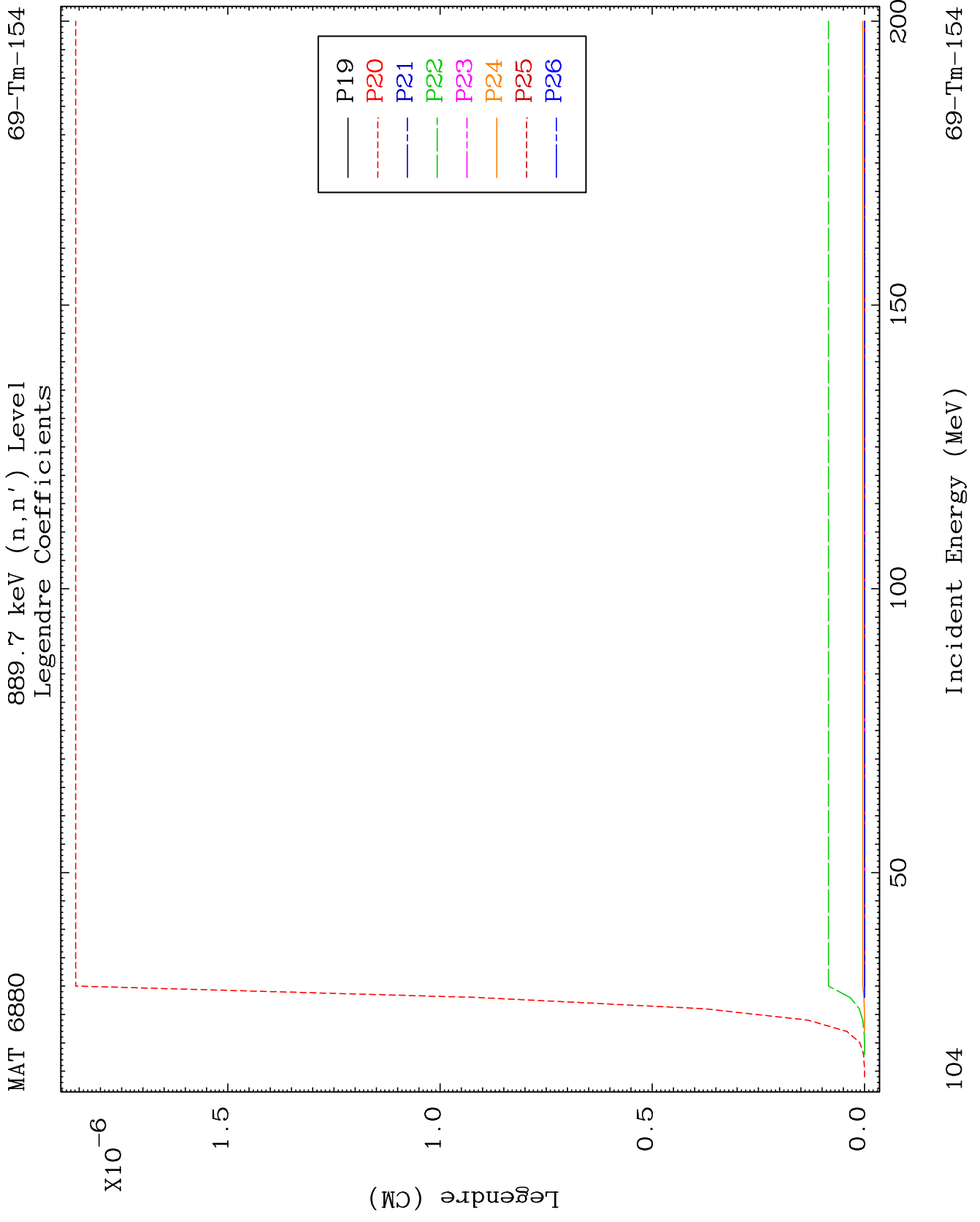
100

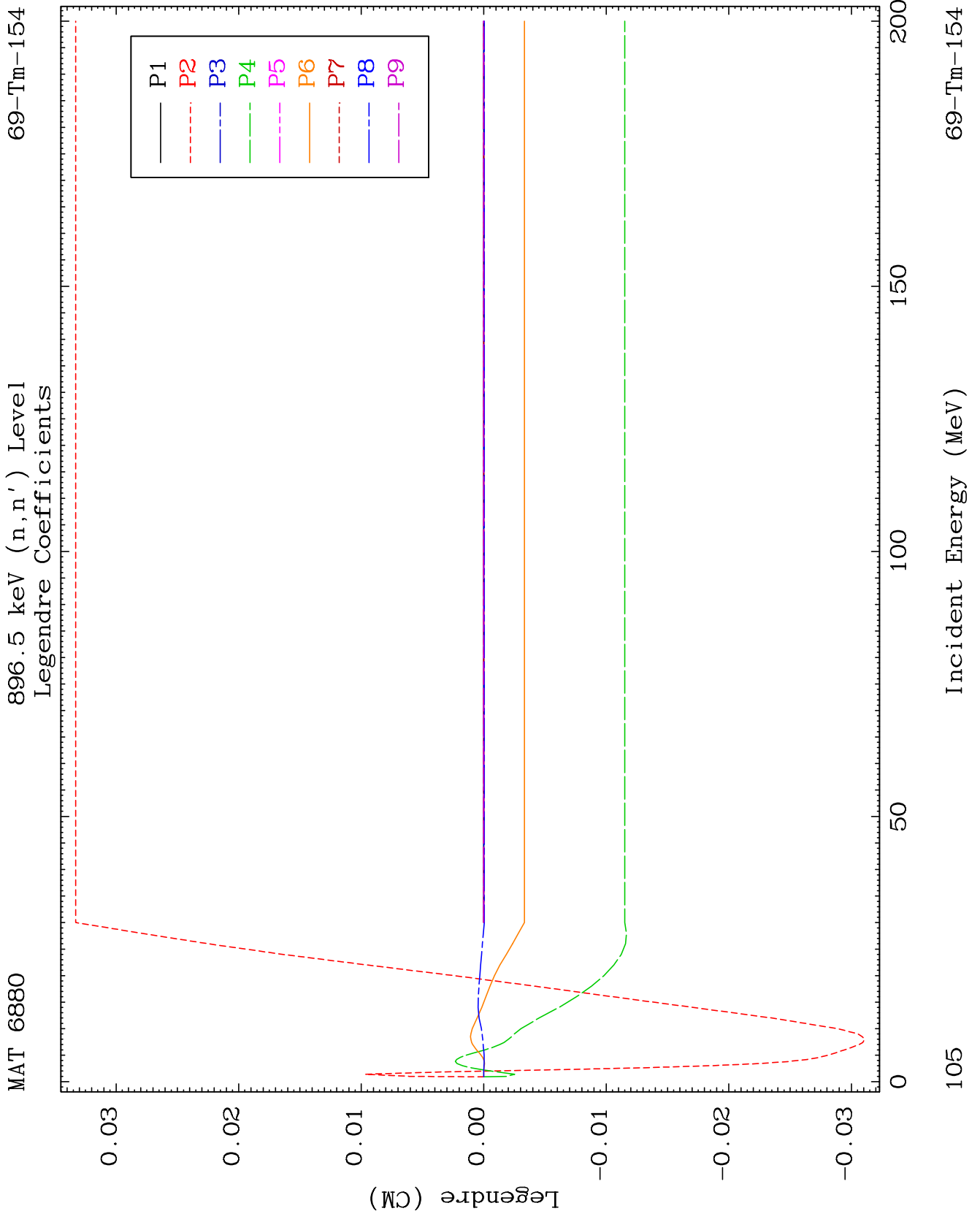


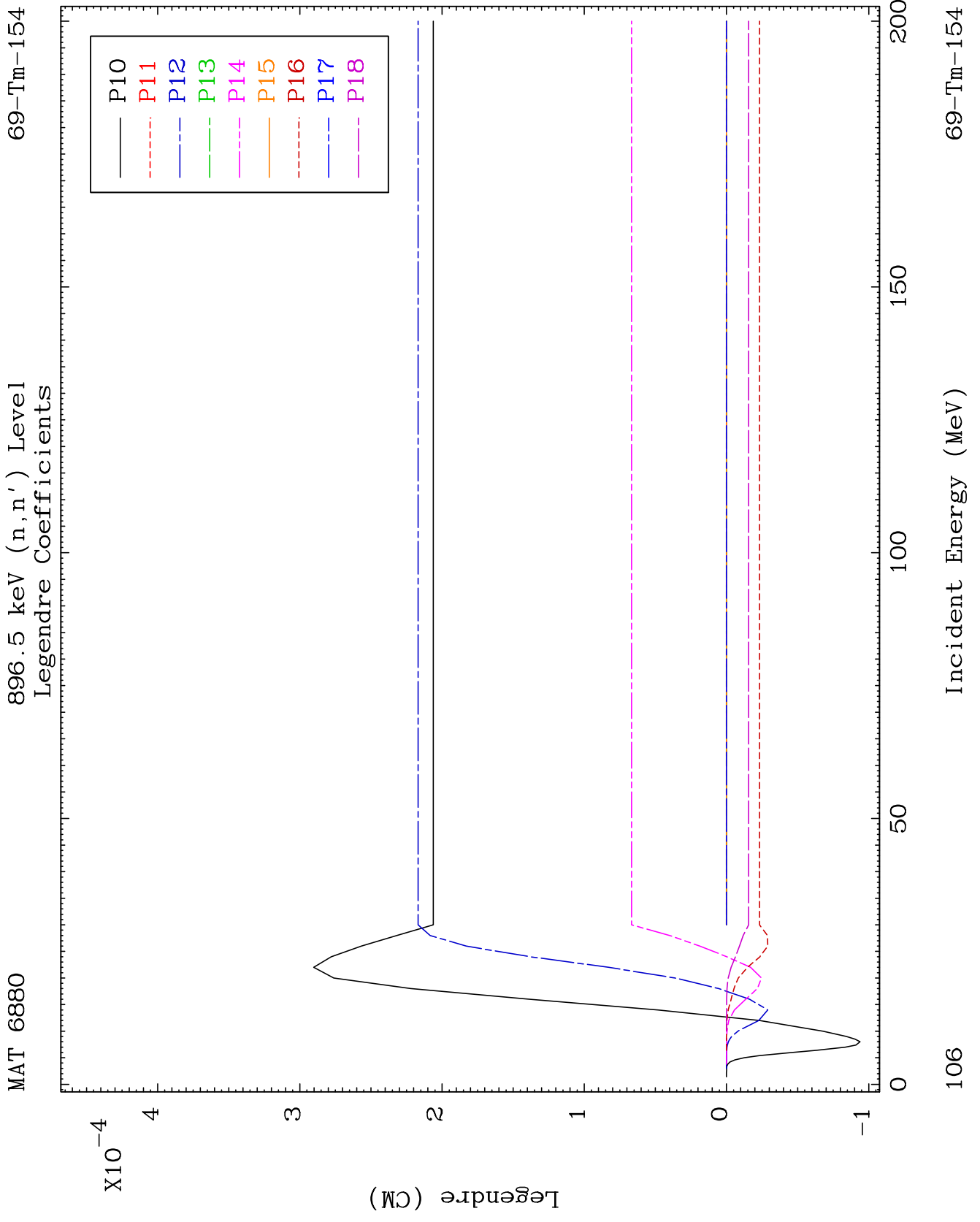


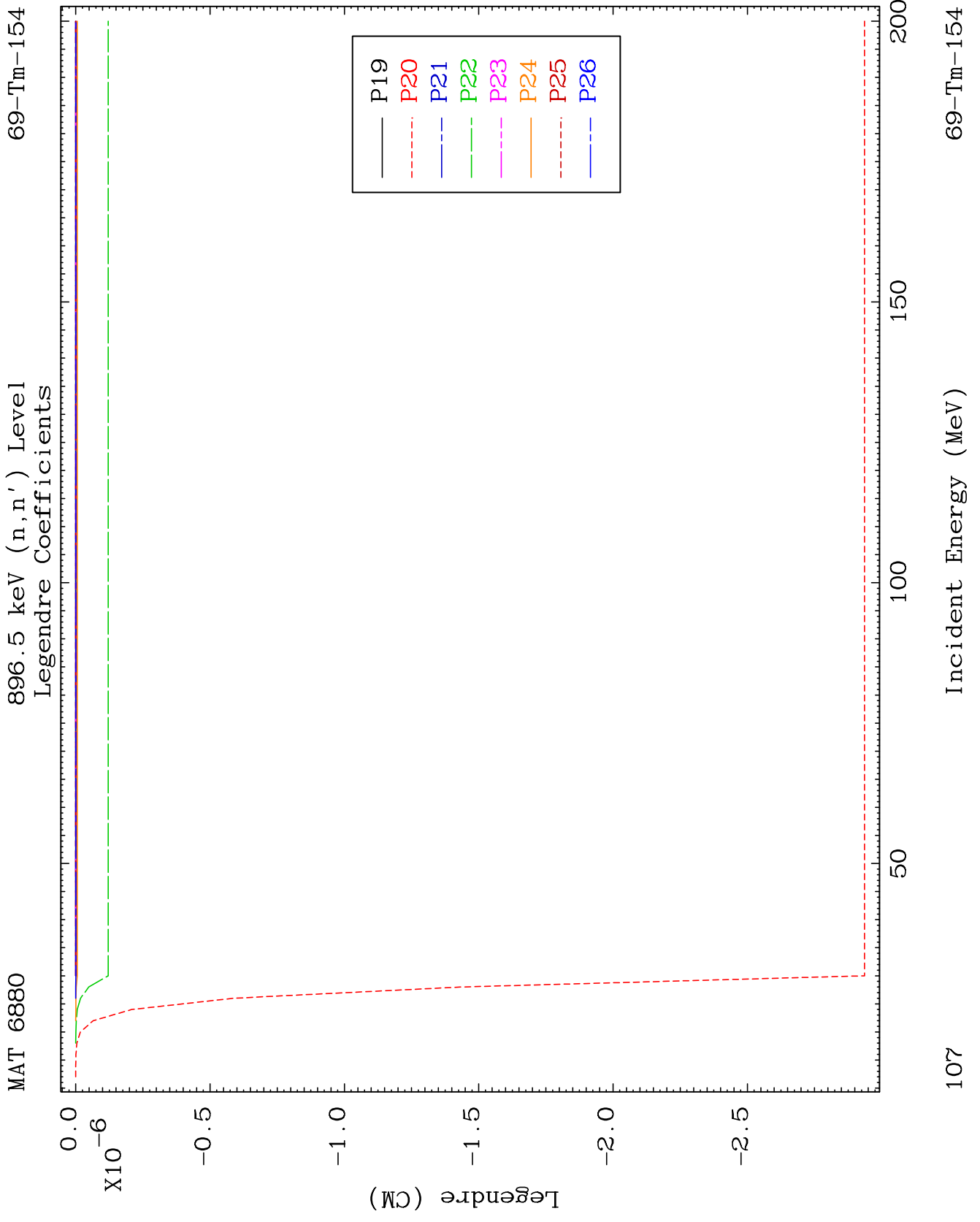








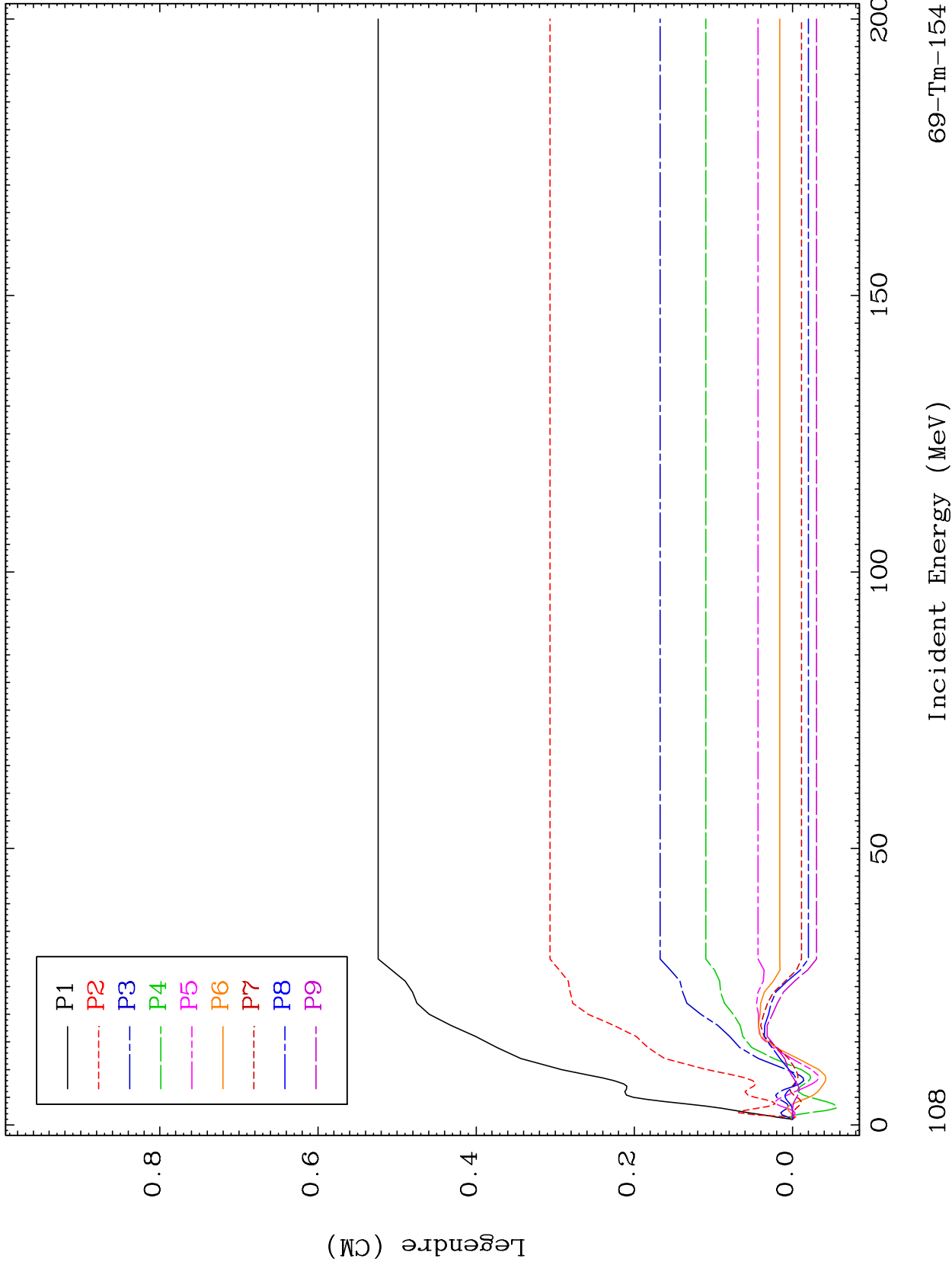




MAT 6880

925.5 keV (n,n') Level  
Legendre Coefficients

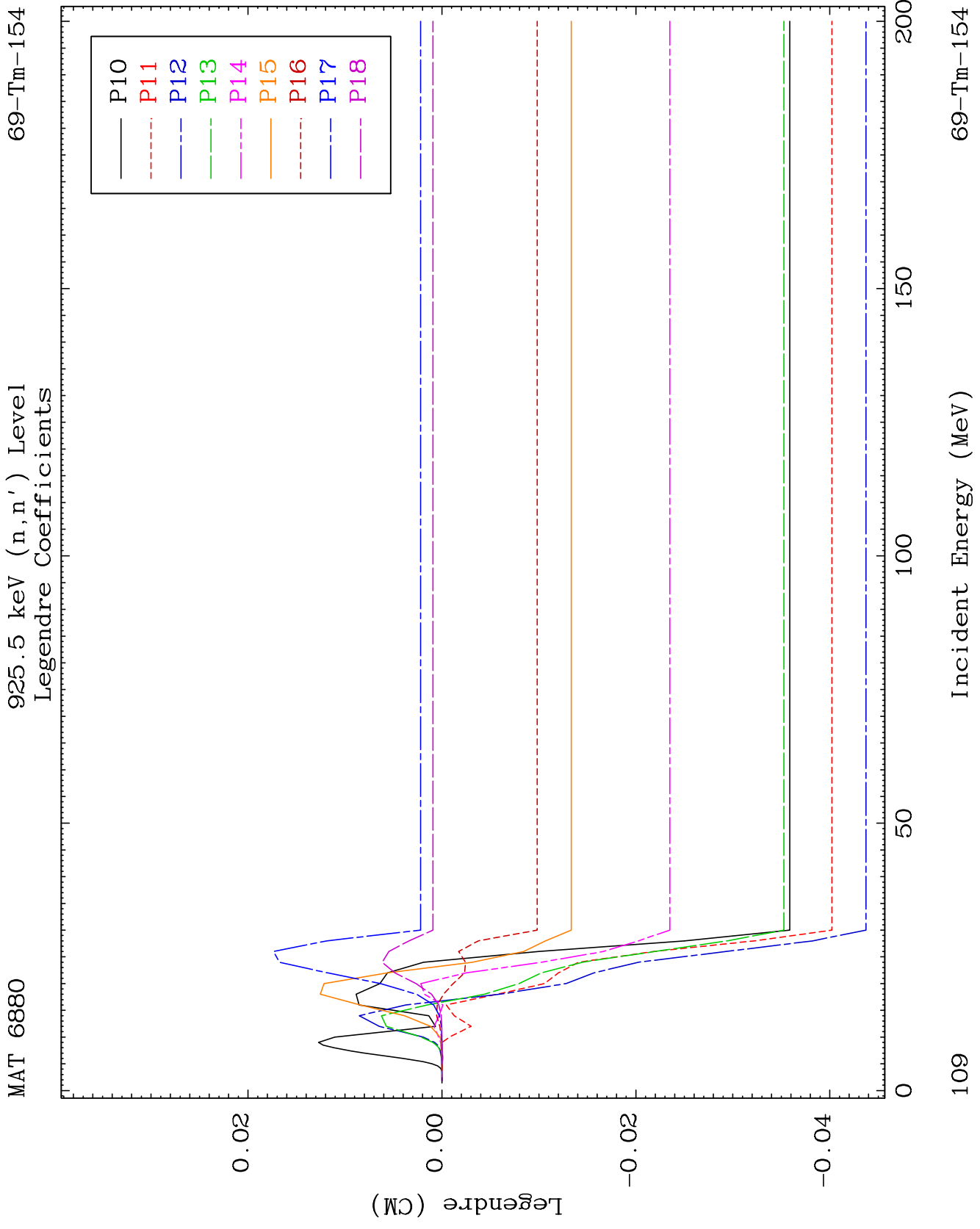
69-Tm-154

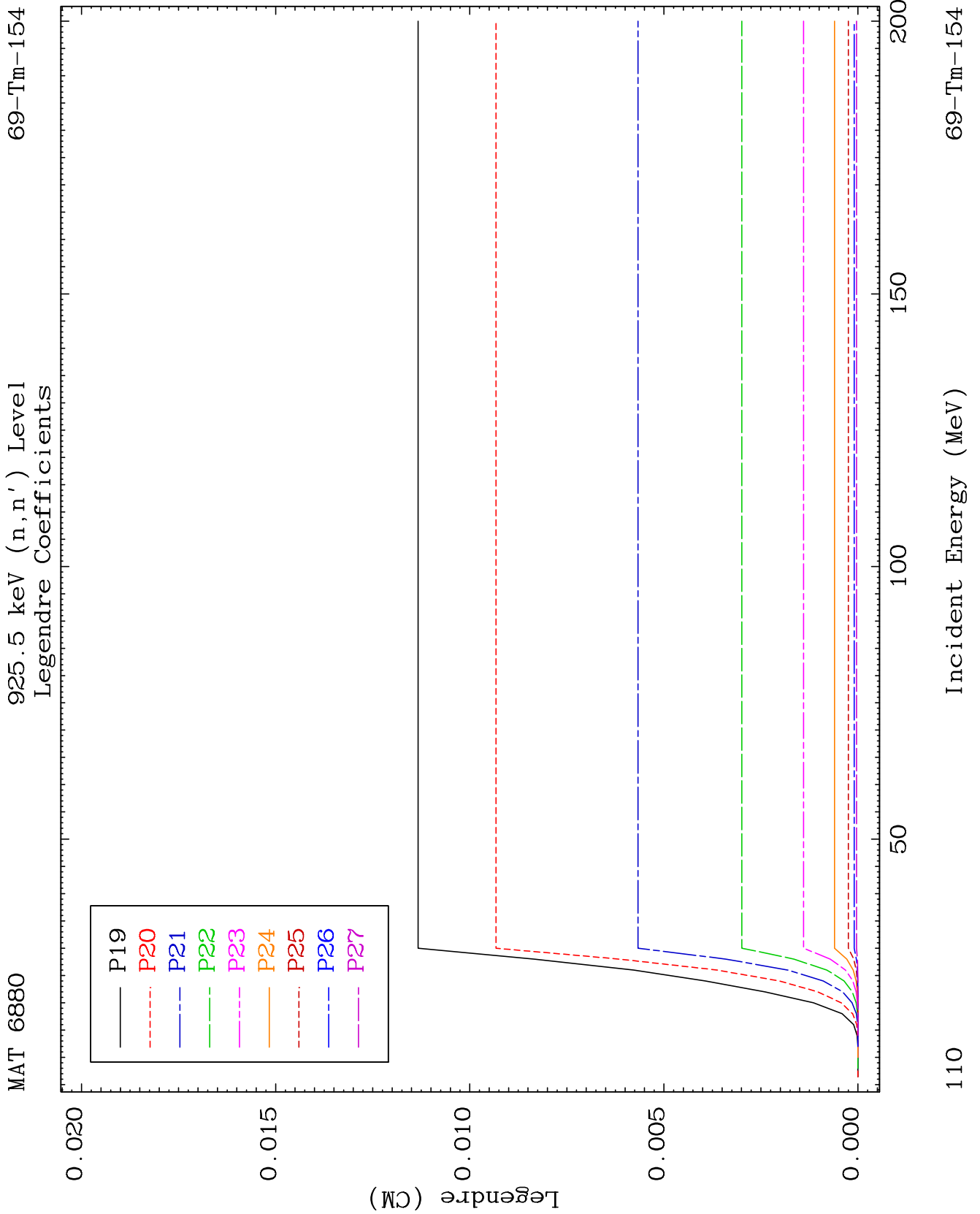


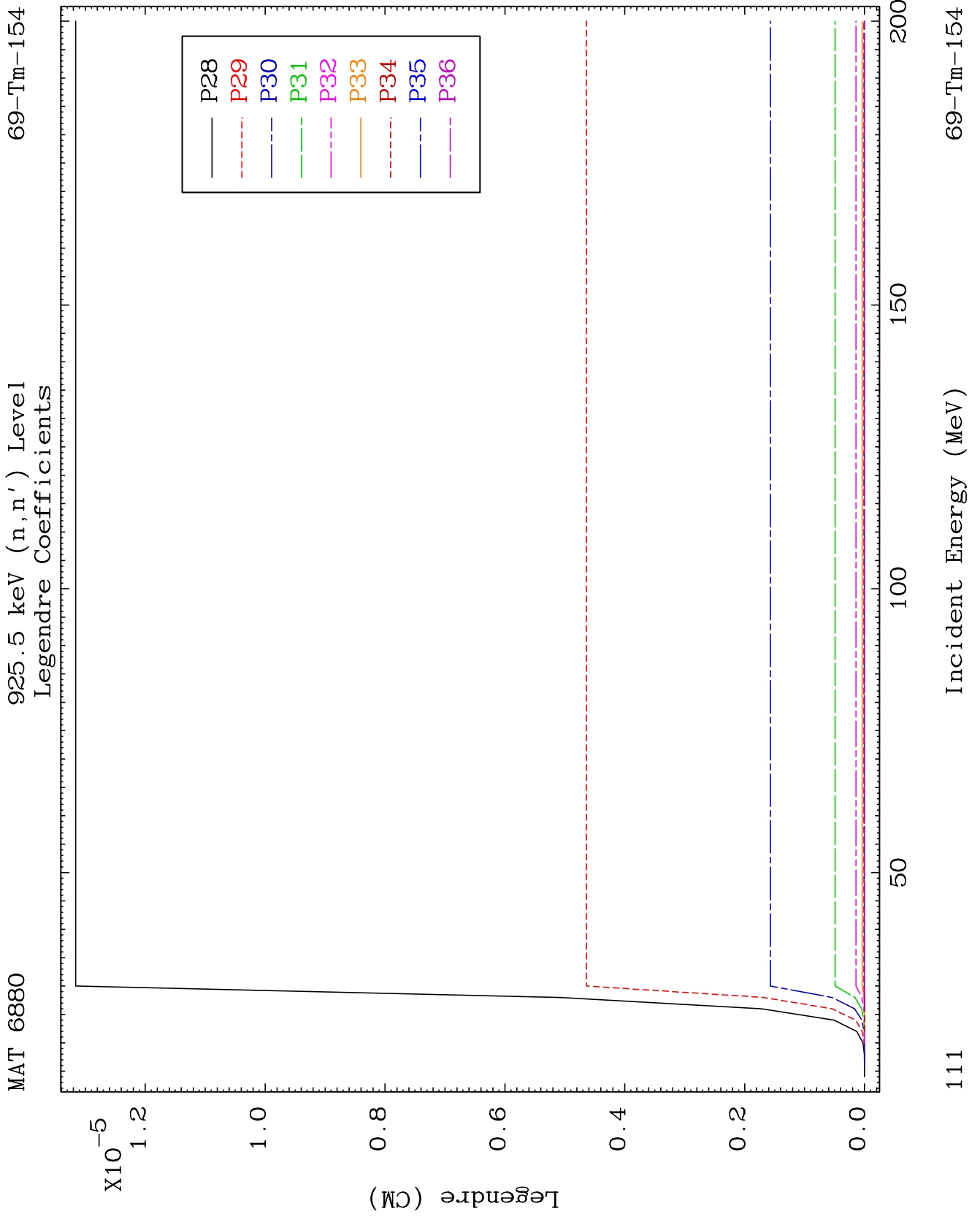
69-Tm-154

Incident Energy (MeV)

108





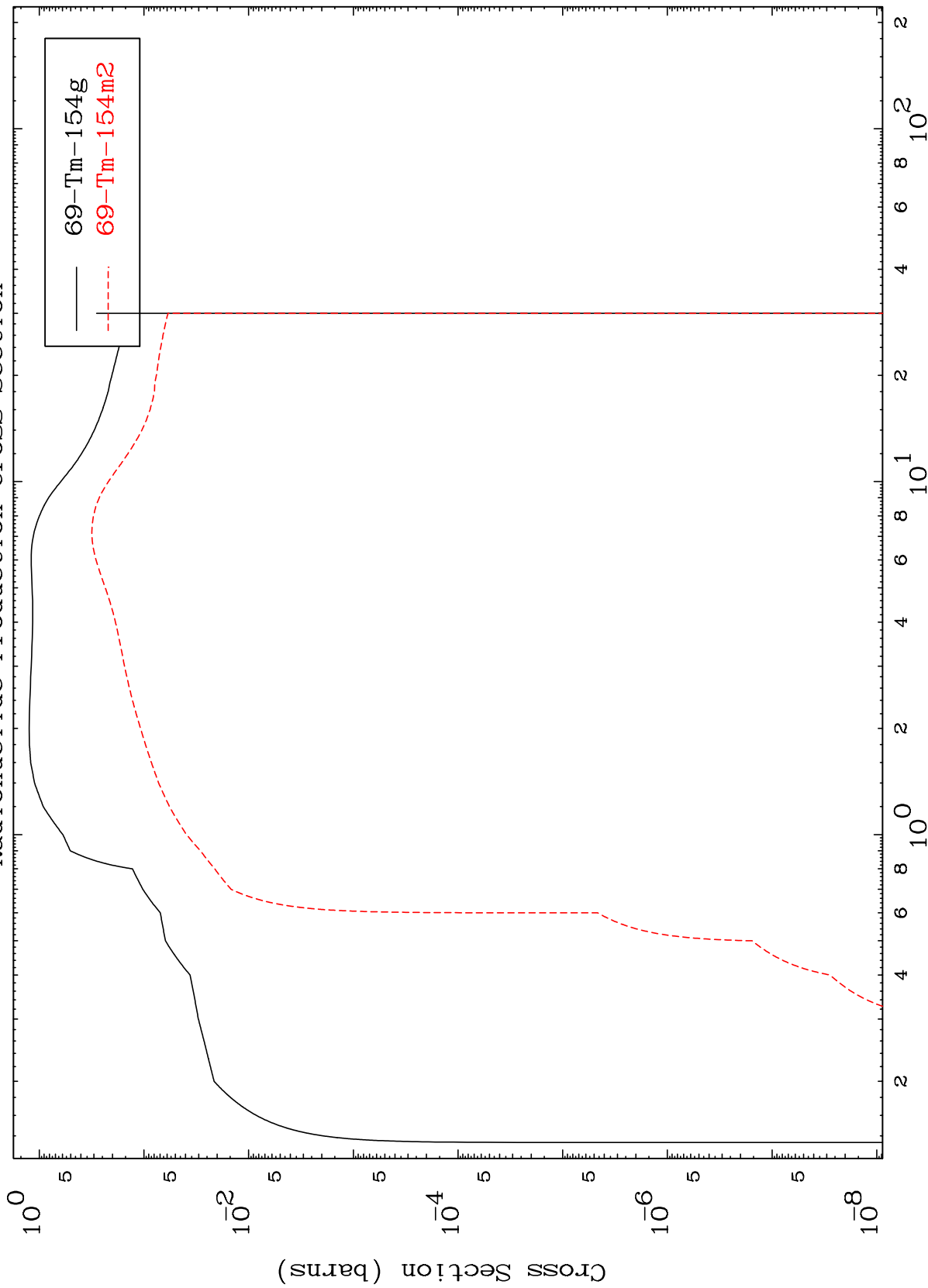




MAT 6880

69-Tm-154

Inelastic  
Radionuclide Production Cross Section



112

Incident Energy (MeV)

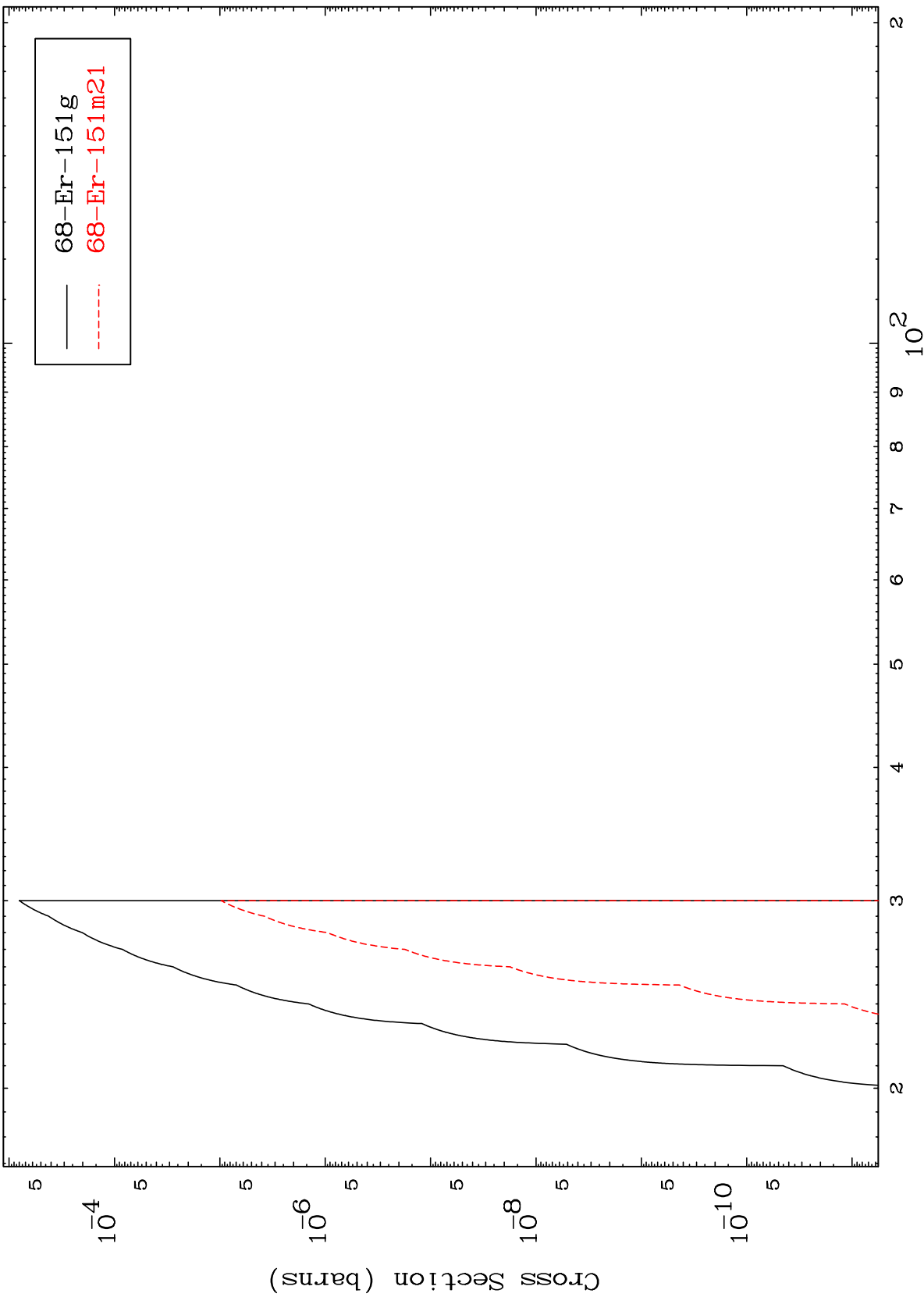
69-Tm-154

MAT 6880

(n,2n) d

69-Tm-154

Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m21

113

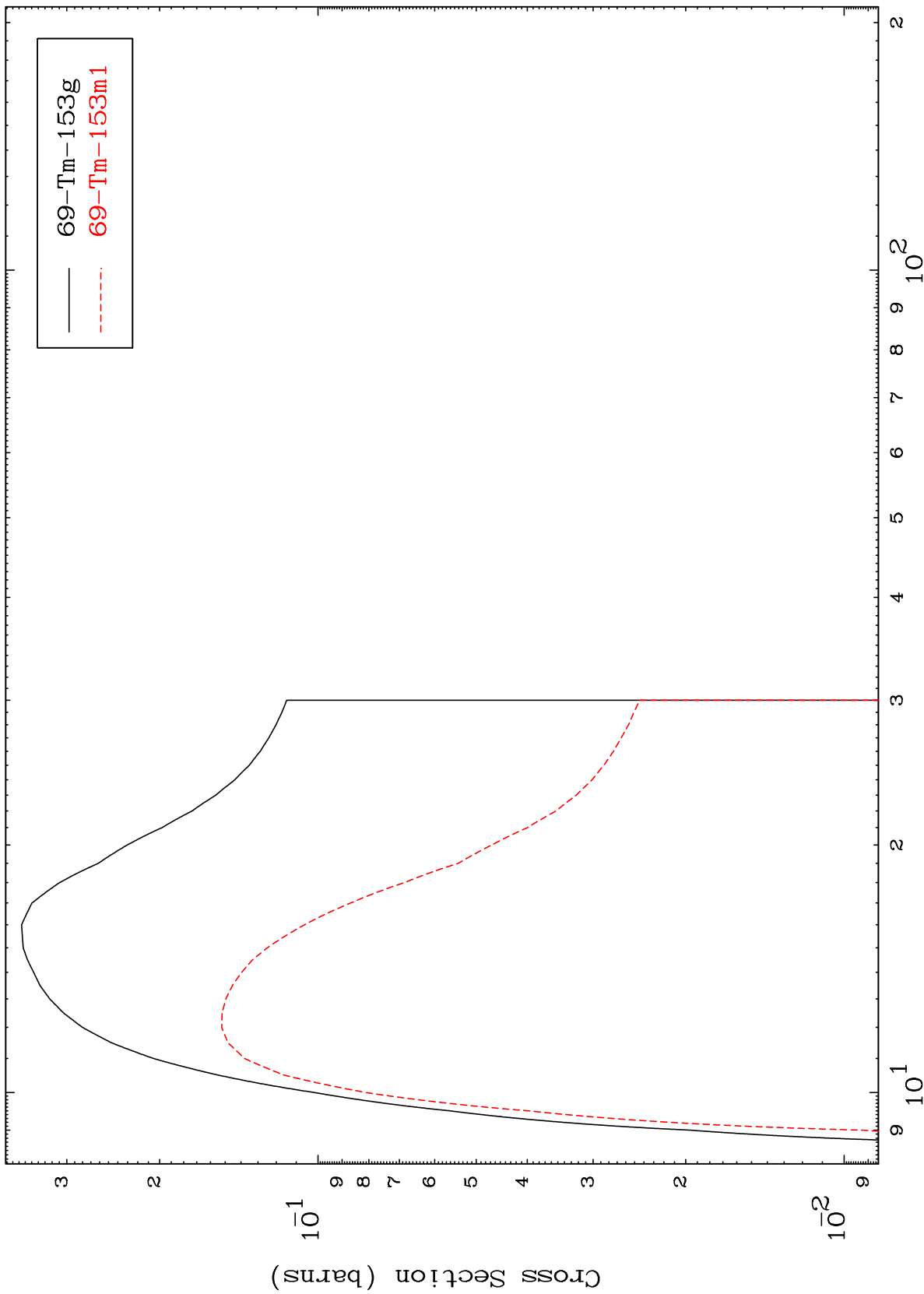
Incident Energy (MeV)

69-Tm-154

MAT 6880

69-Tm-154

(n,2n)  
Radionuclide Production Cross Section



69-Tm-154

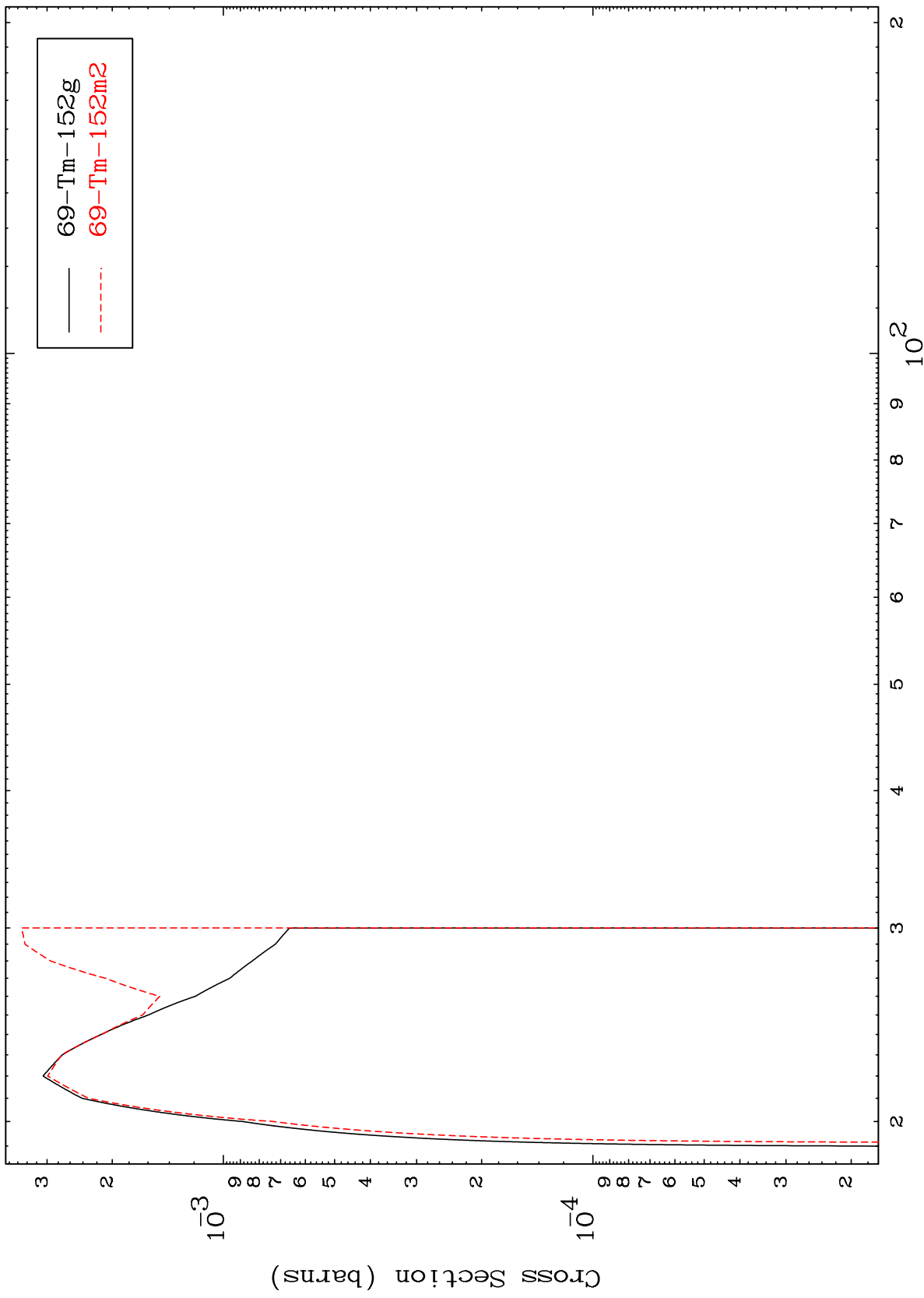
Incident Energy (MeV)

114

MAT 6880

69-Tm-154

(n,3n)  
Radionuclide Production Cross Section



115

Incident Energy (MeV)

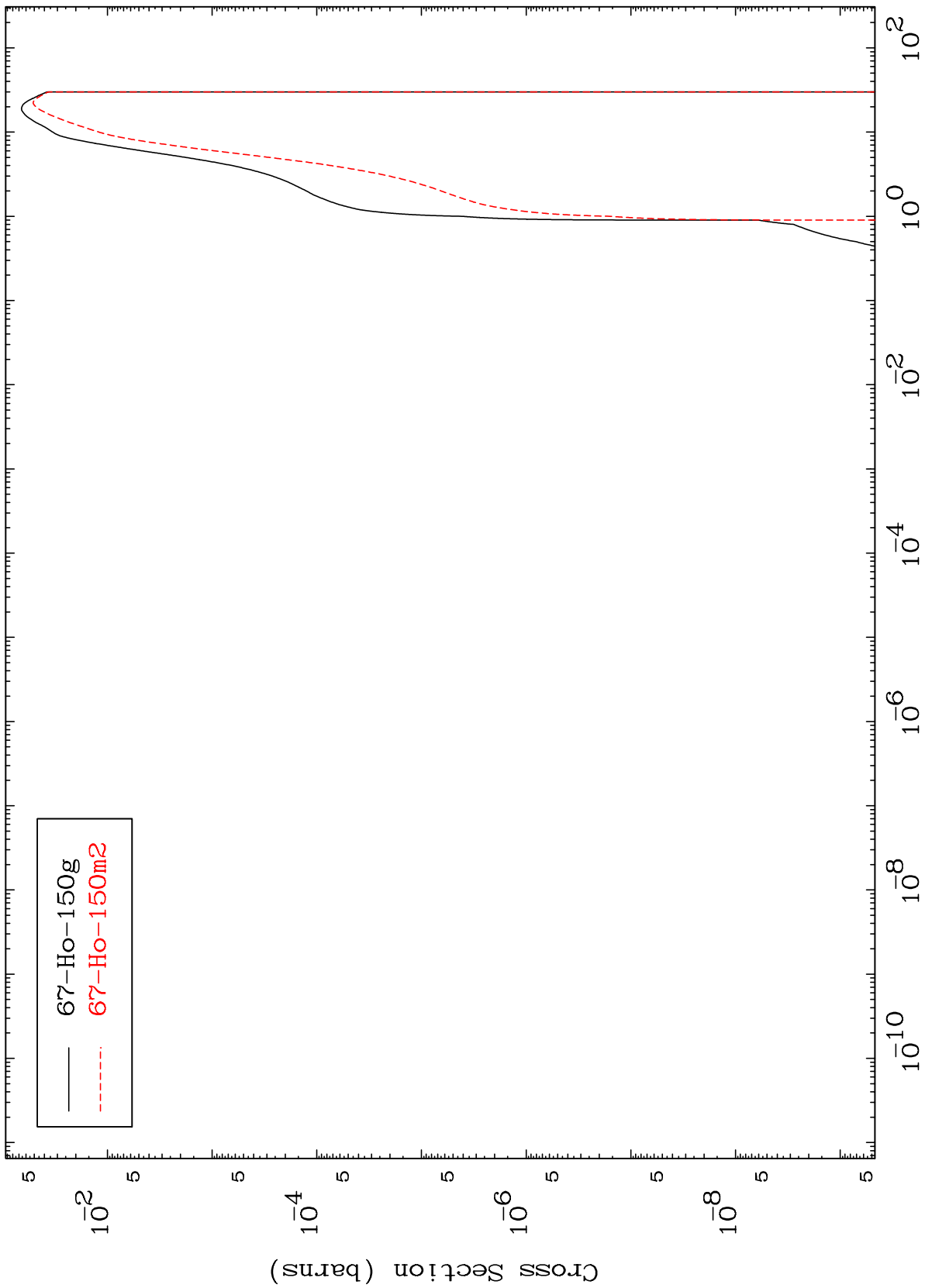
69-Tm-154

MAT 6880

$(n, n')$   $\alpha$

69-Tm-154

Radionuclide Production Cross Section



116

Incident Energy (MeV)

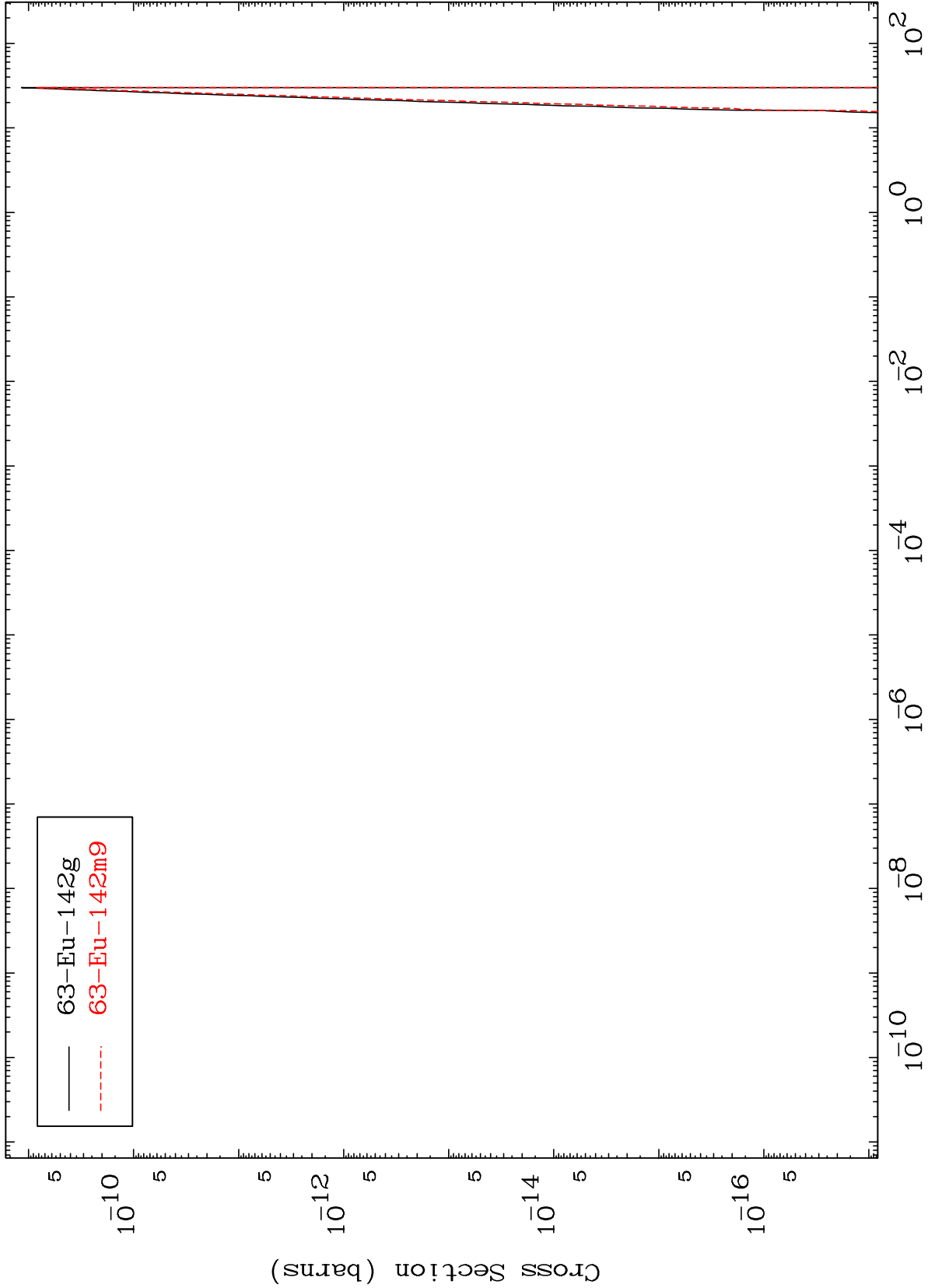
69-Tm-154

MAT 6880

(n,n') 3 $\alpha$

69-Tm-154

Radionuclide Production Cross Section



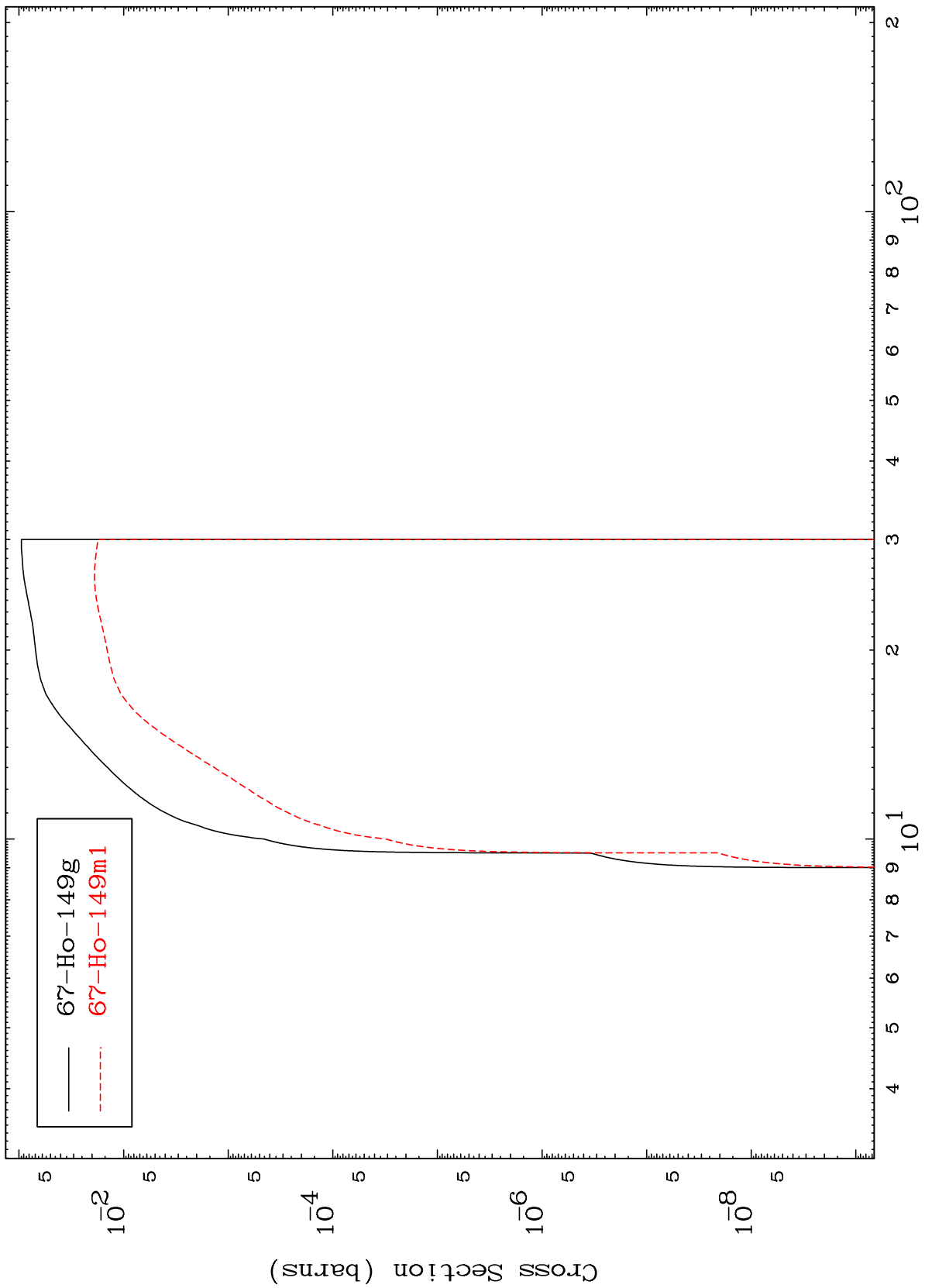
63-Eu-142g  
63-Eu-142m9

MAT 6880

$(n,2n) \alpha$

69-Tm-154

Radionuclide Production Cross Section

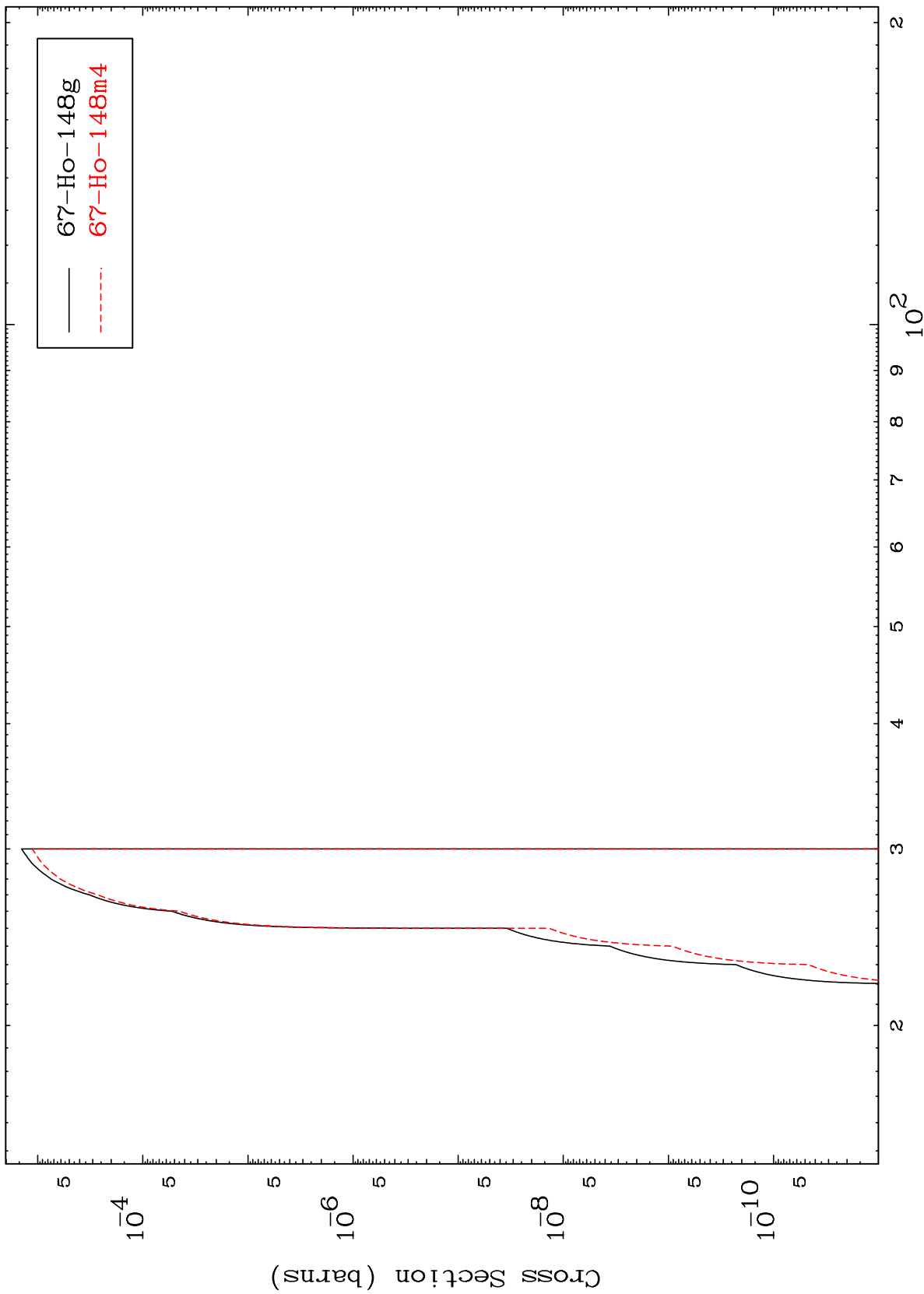


118

Incident Energy (MeV)

69-Tm-154

Radionuclide Production Cross Section



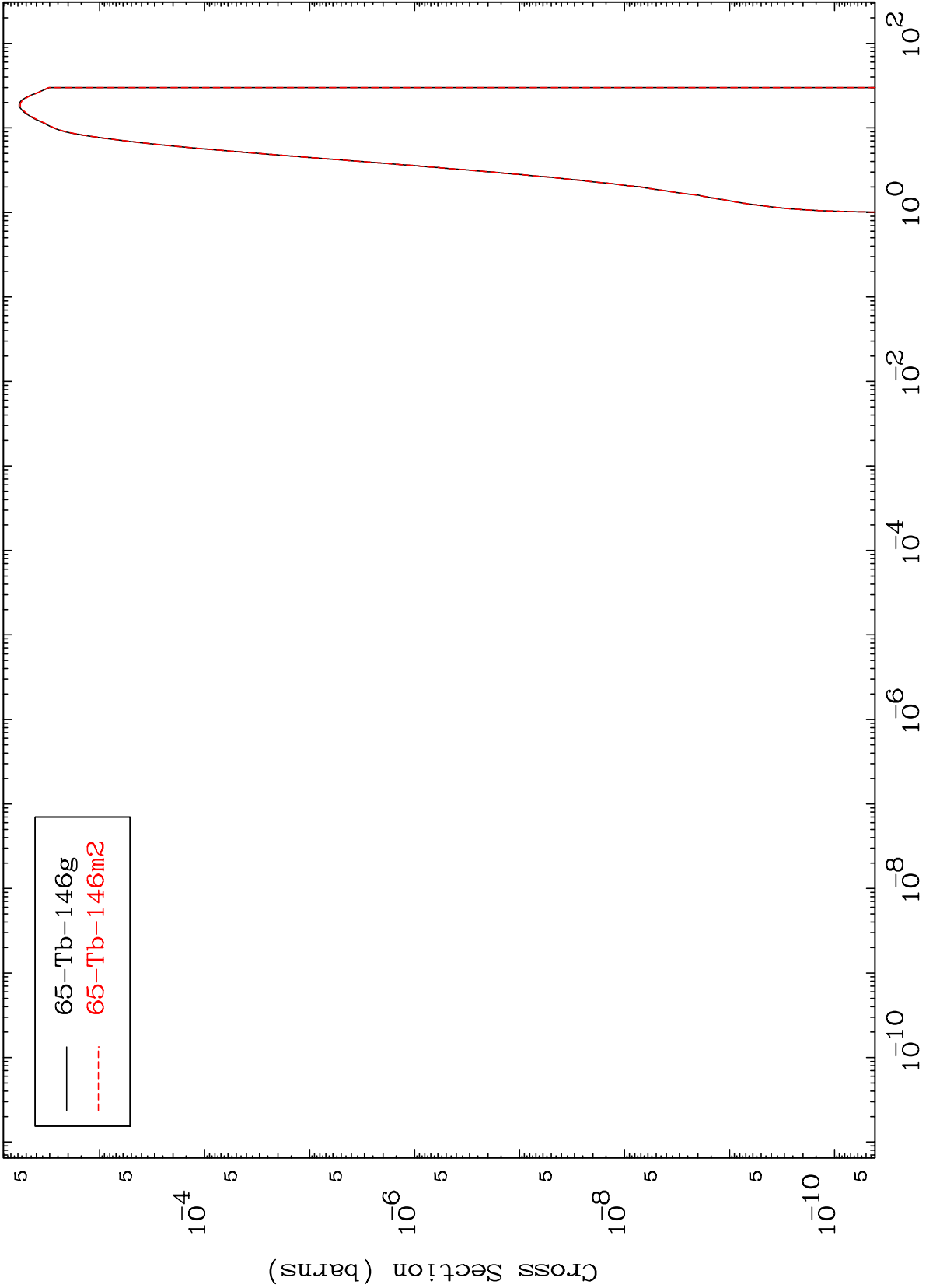


MAT 6880

(n,n') 2 $\alpha$

69-Tm-154

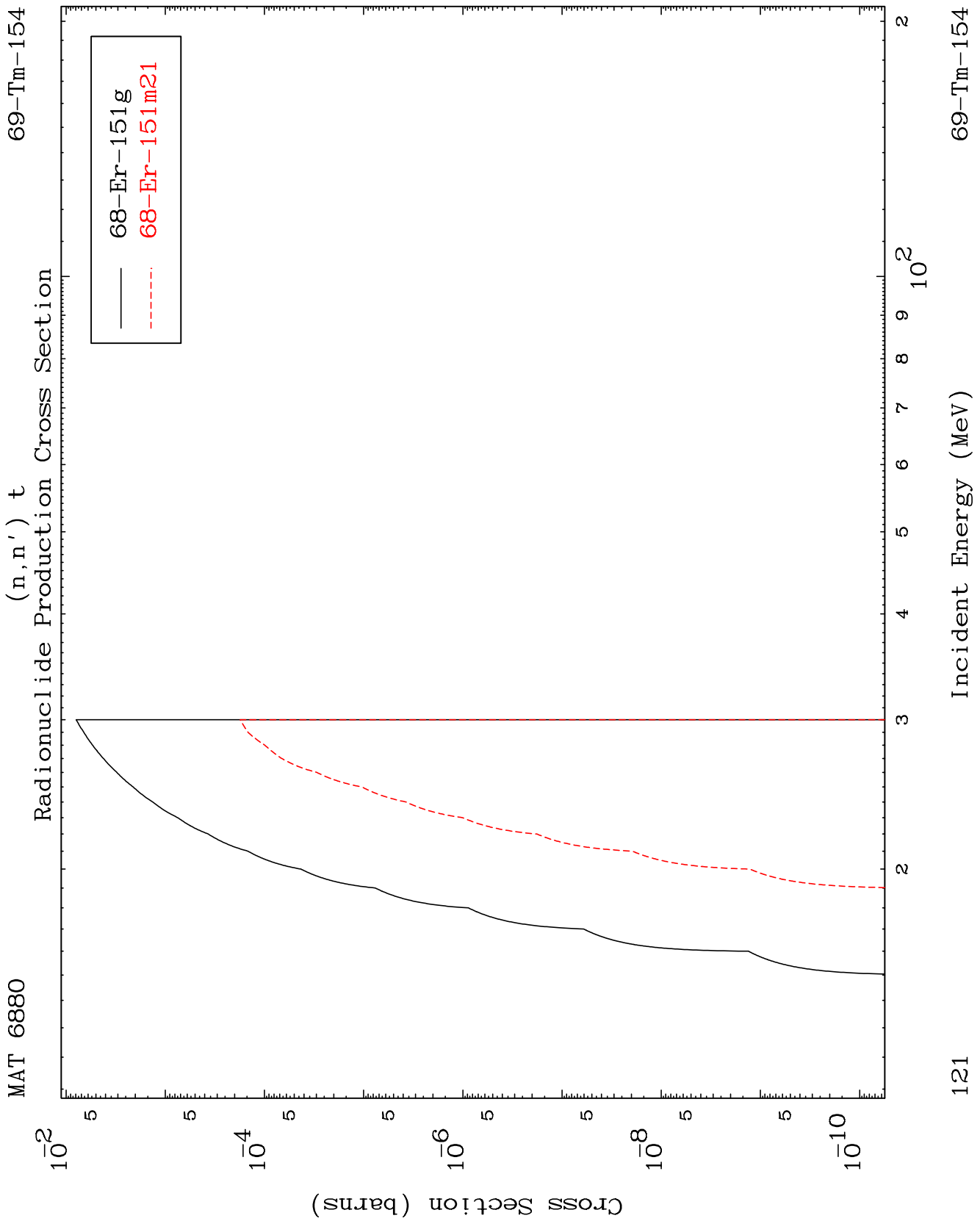
Radionuclide Production Cross Section



120

Incident Energy (MeV)

69-Tm-154

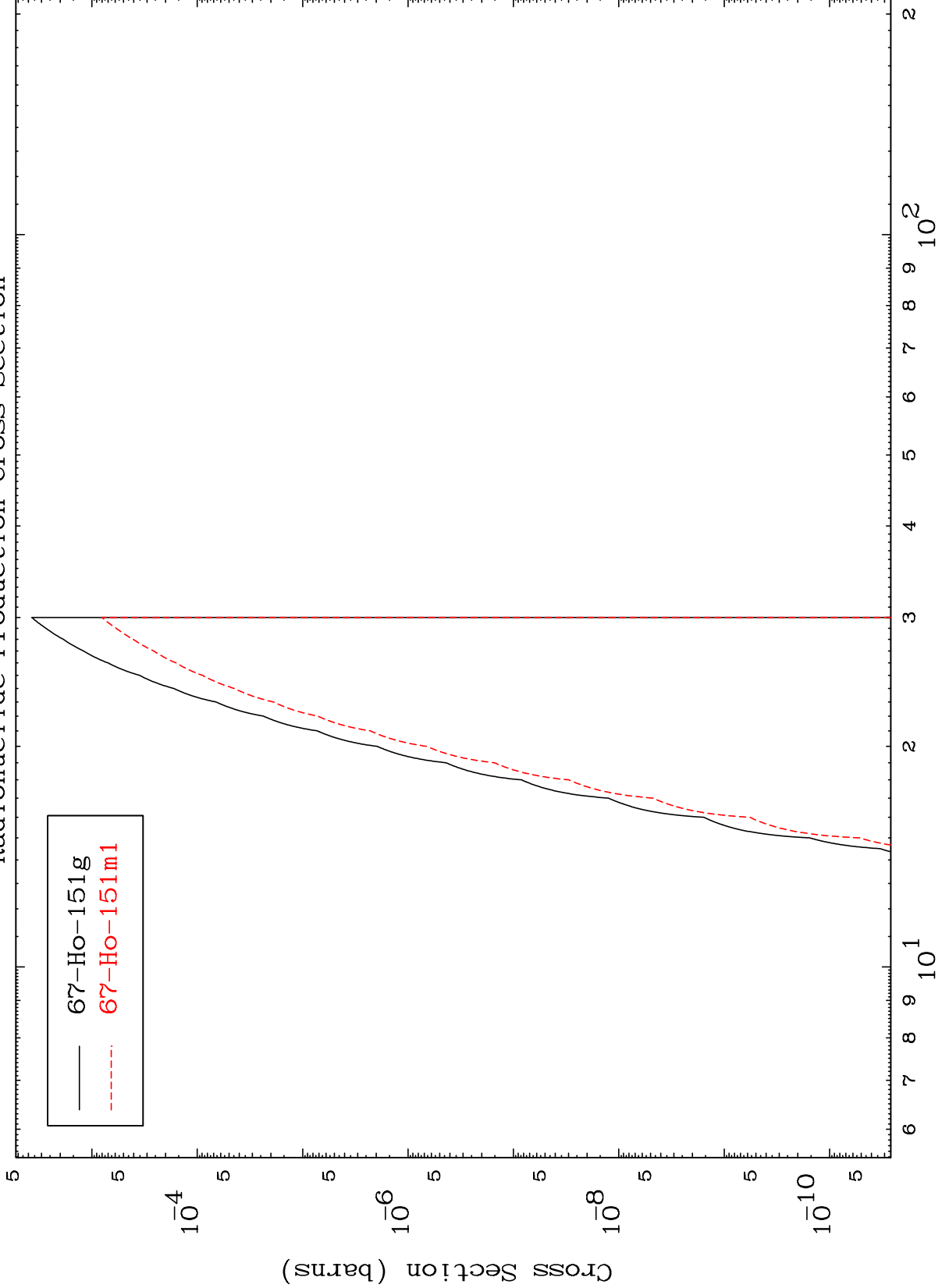


MAT 6880

(n,n') He-3

69-Tm-154

Radionuclide Production Cross Section



122

Incident Energy (MeV)

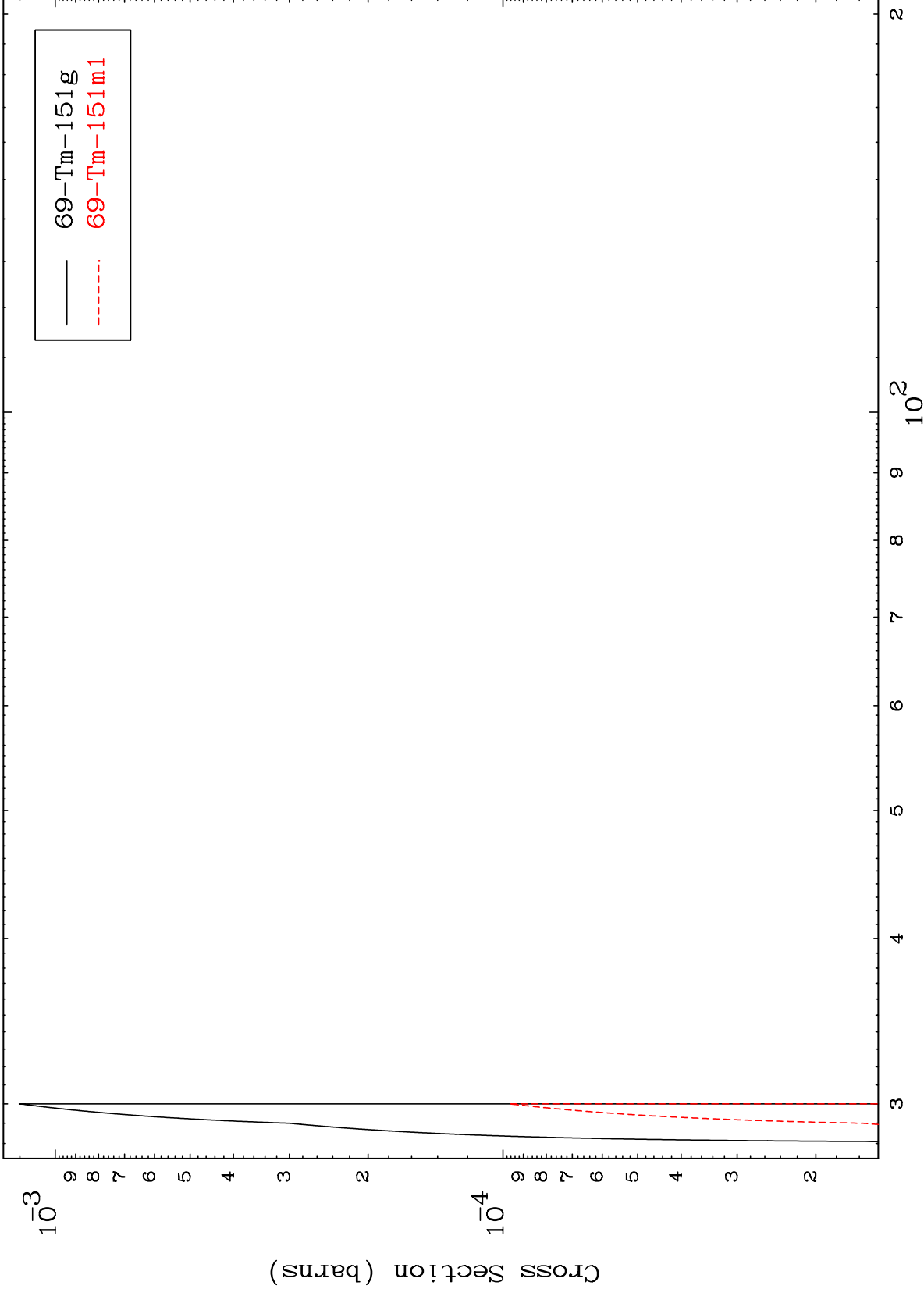
69-Tm-154

MAT 6880

(n,4n)

69-Tm-154

Radionuclide Production Cross Section



123

Incident Energy (MeV)

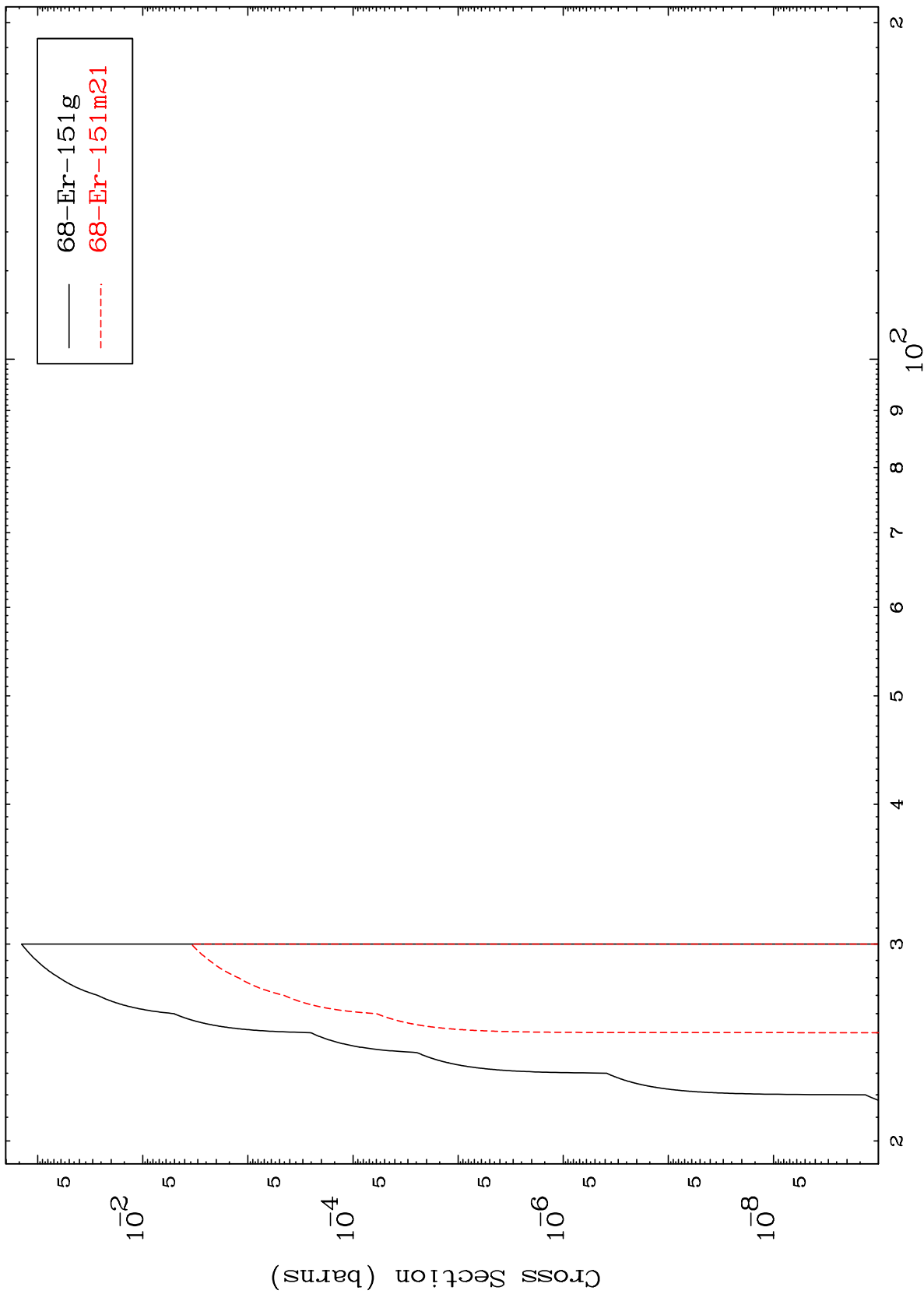
69-Tm-154

MAT 6880

(n,3n) p

69-Tm-154

Radionuclide Production Cross Section



124

Incident Energy (MeV)

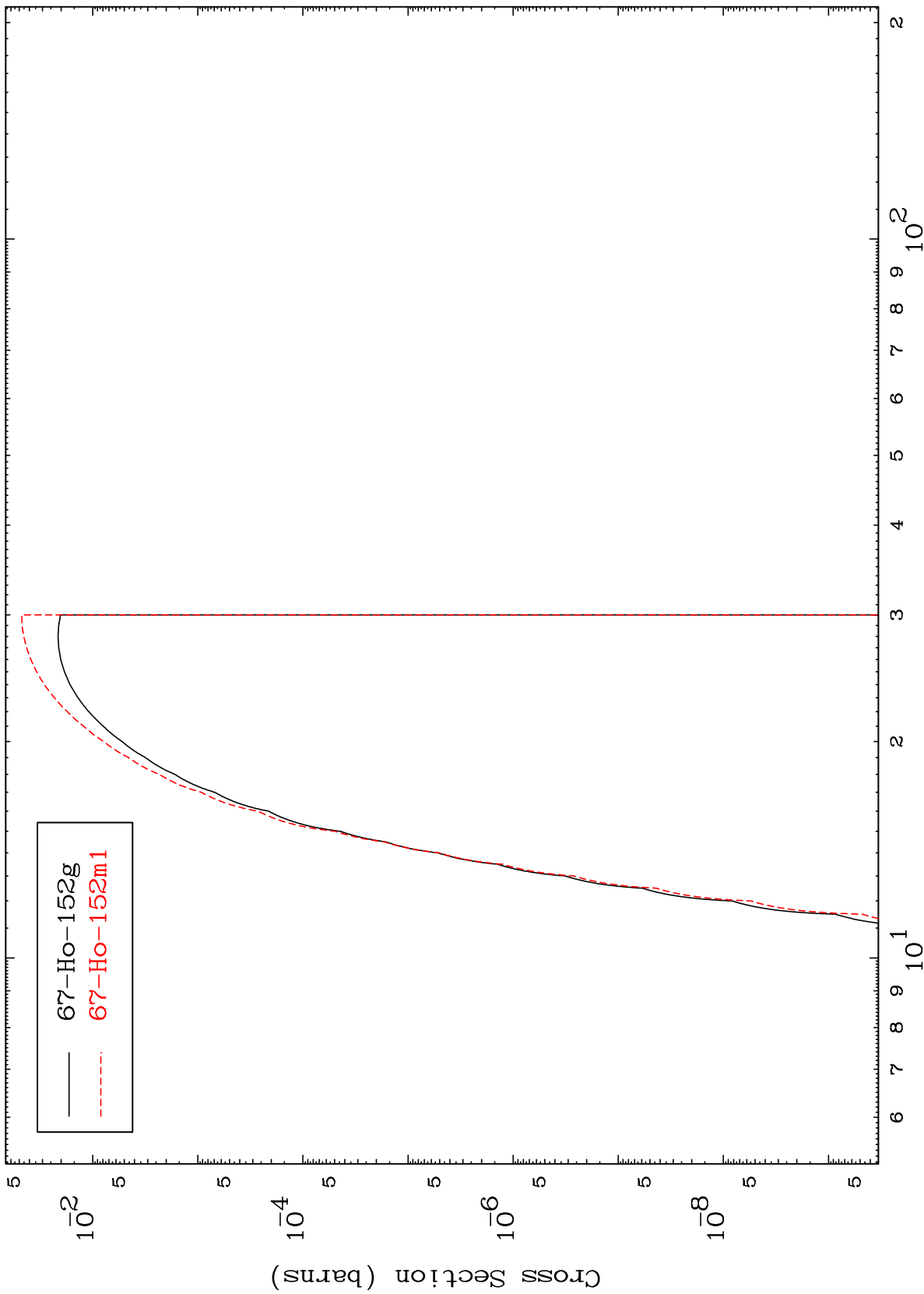
69-Tm-154

MAT 6880

(n,2n) p

69-Tm-154

Radionuclide Production Cross Section



125

Incident Energy (MeV)

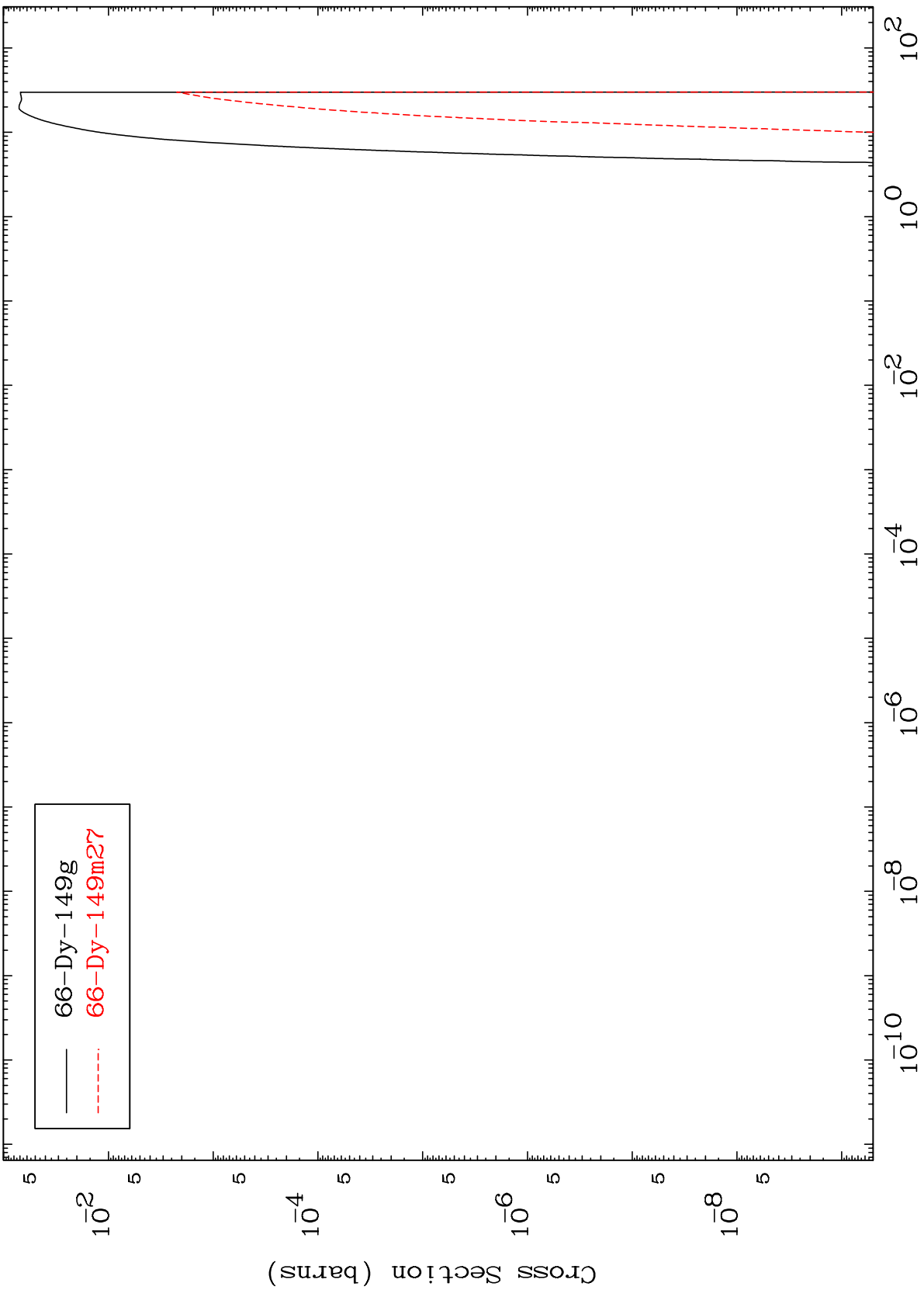
69-Tm-154

MAT 6880

(n,n') p  $\alpha$

69-Tm-154

Radionuclide Production Cross Section



126

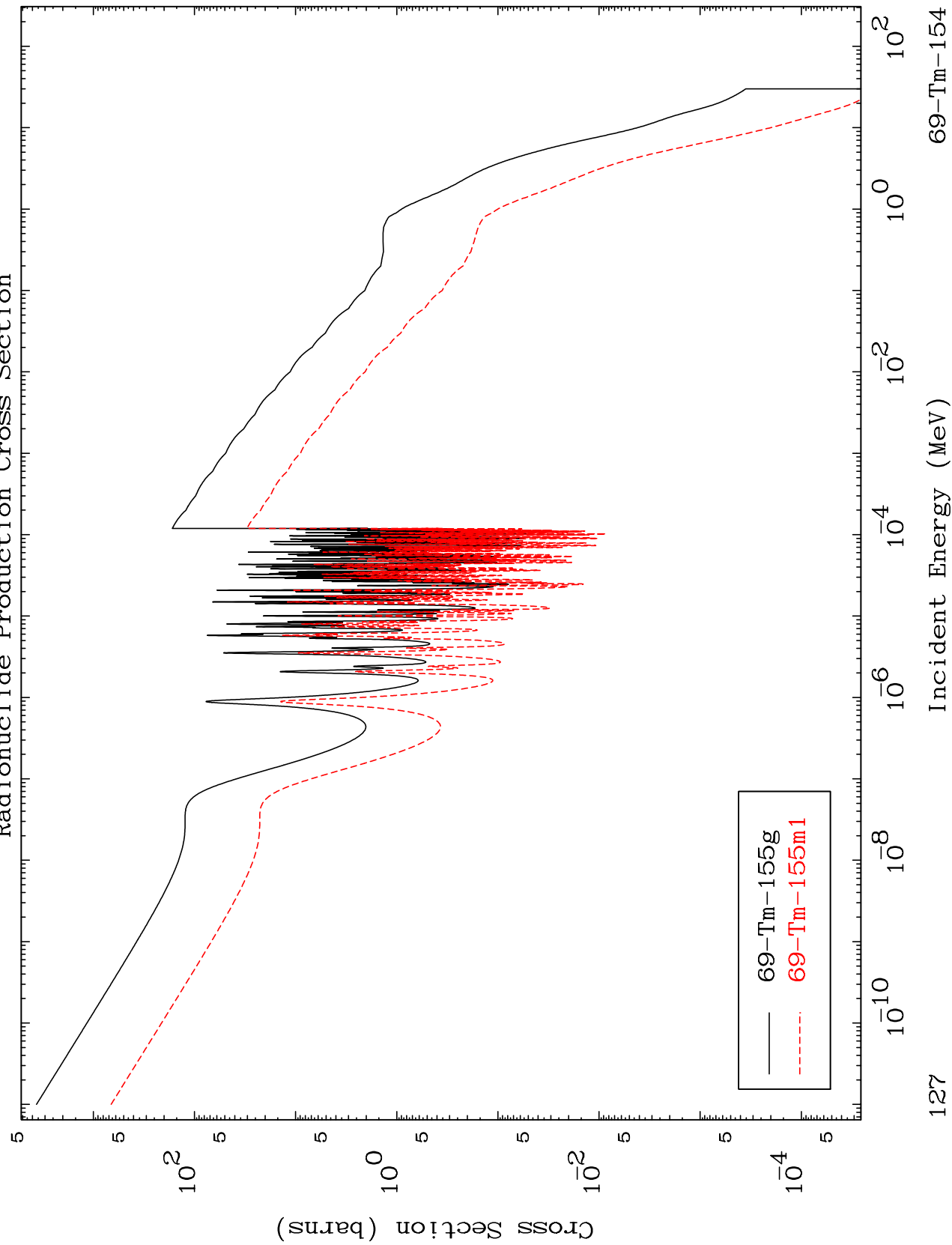
Incident Energy (MeV)

69-Tm-154

MAT 6880

69-Tm-154

(n,  $\gamma$ )  
Radionuclide Production Cross Section



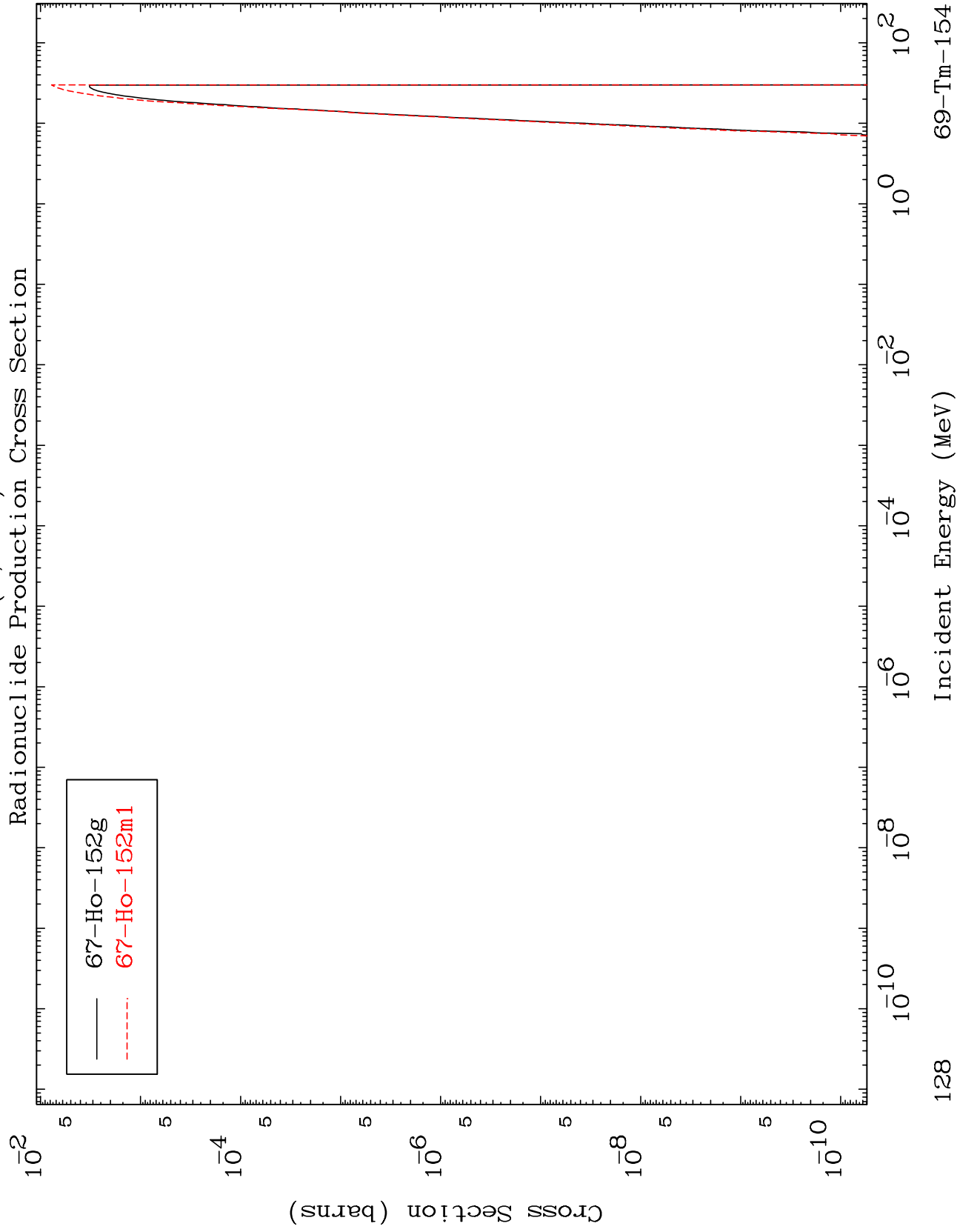


MAT 6880

(n,He-3)

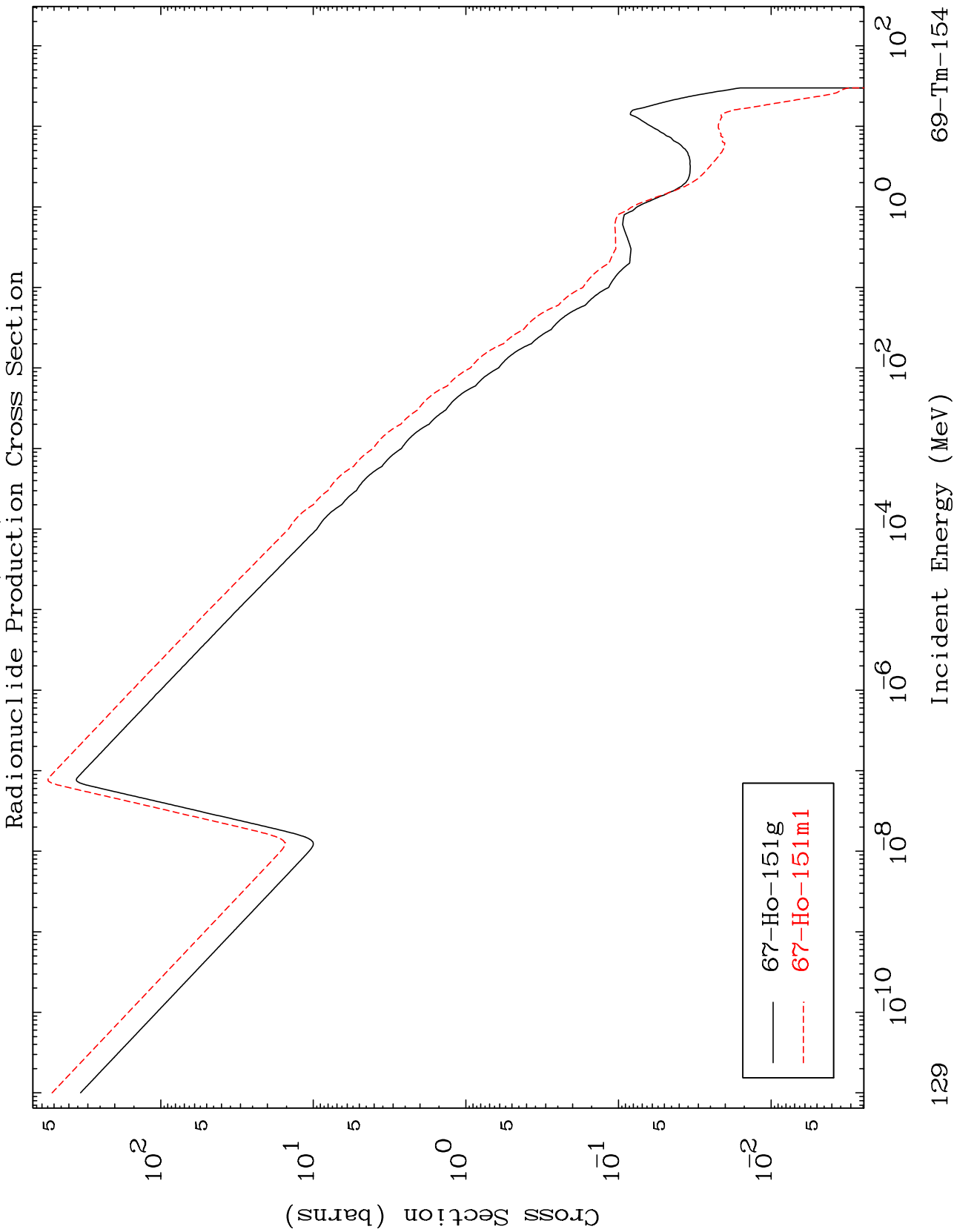
69-Tm-154

Radionuclide Production Cross Section



MAT 6880

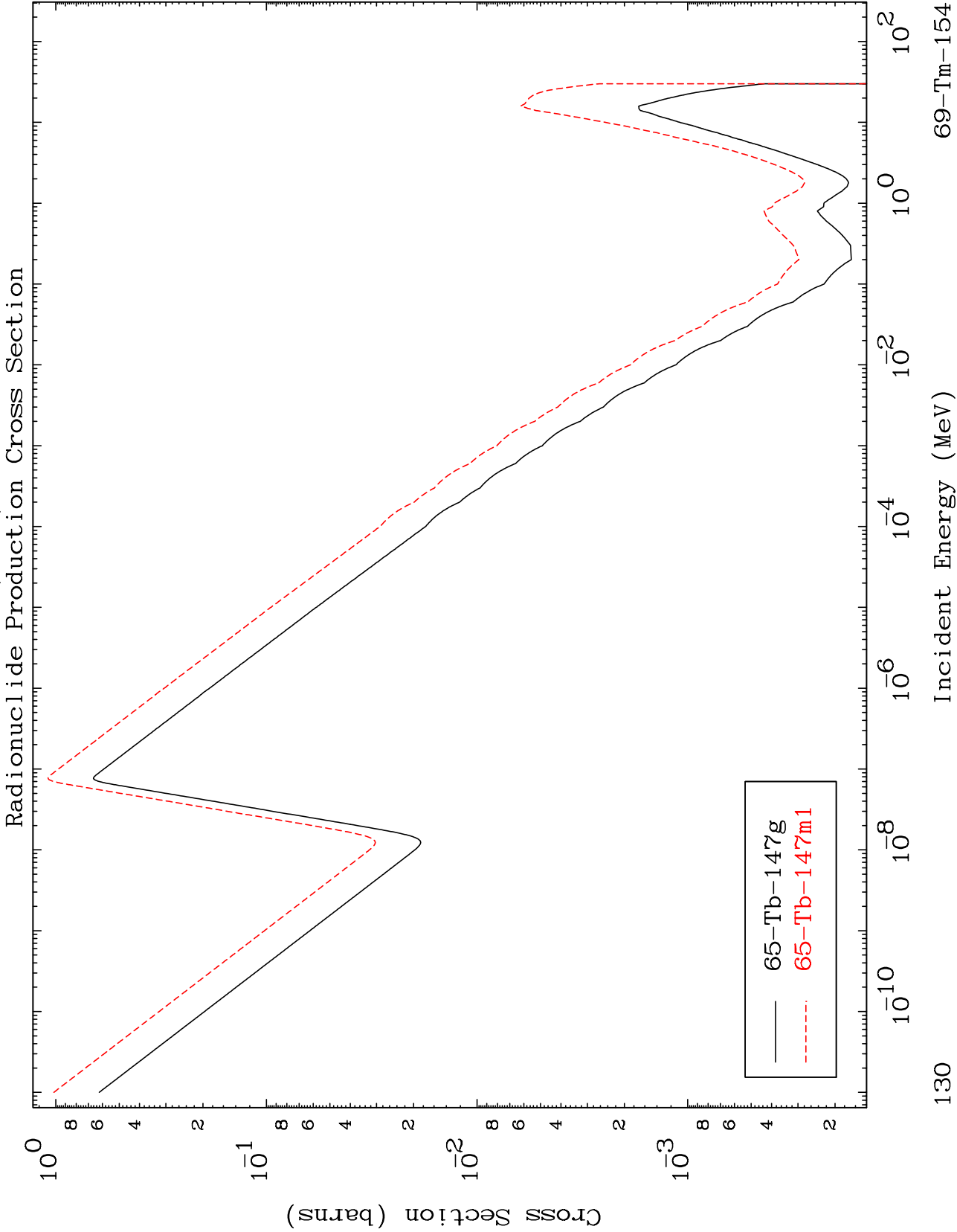
69-Tm-154



MAT 6880

(n,2α)

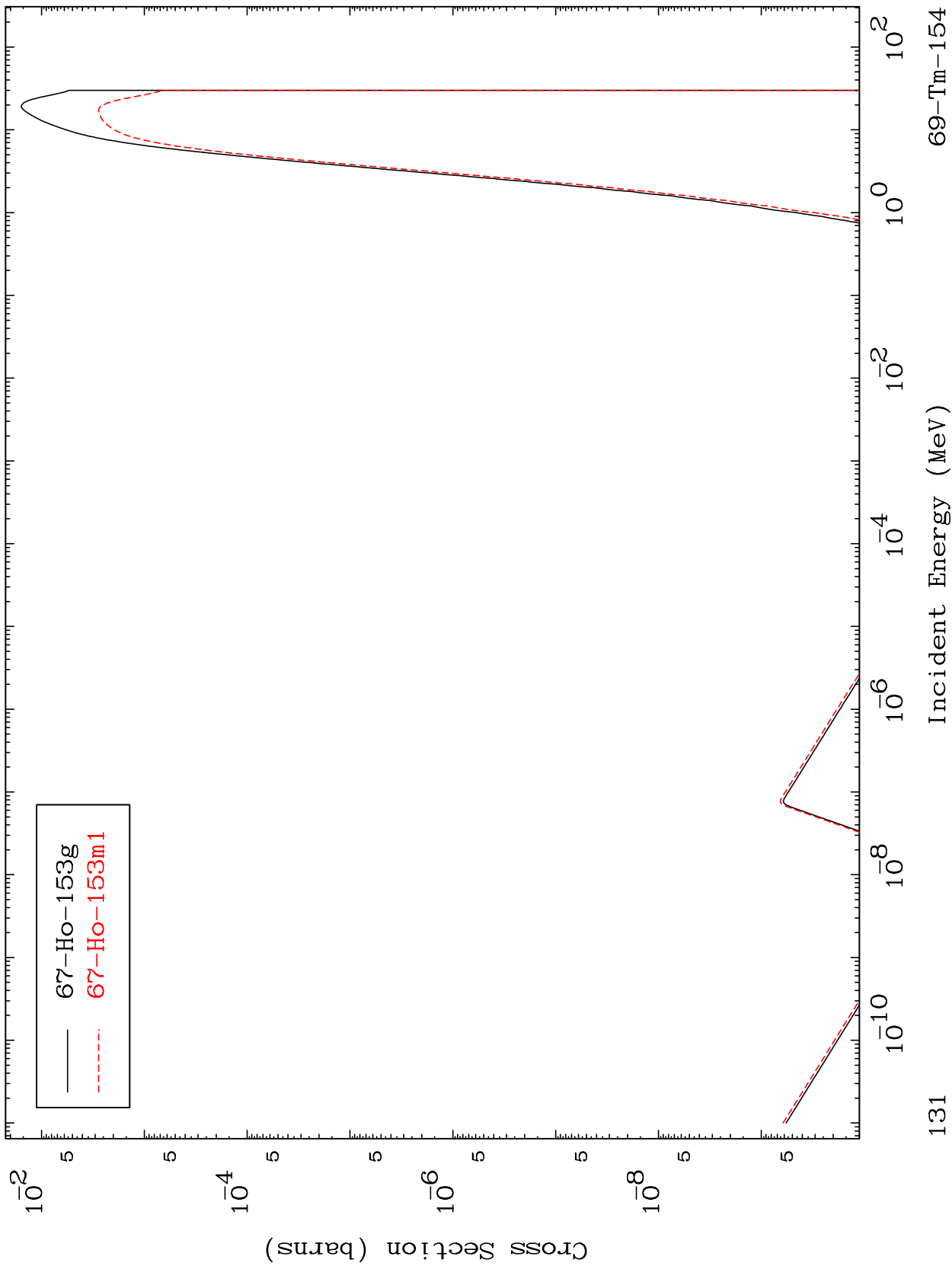
69-Tm-154



MAT 6880

69-Tm-154

Radionuclide Production Cross Section  
(n,2p)

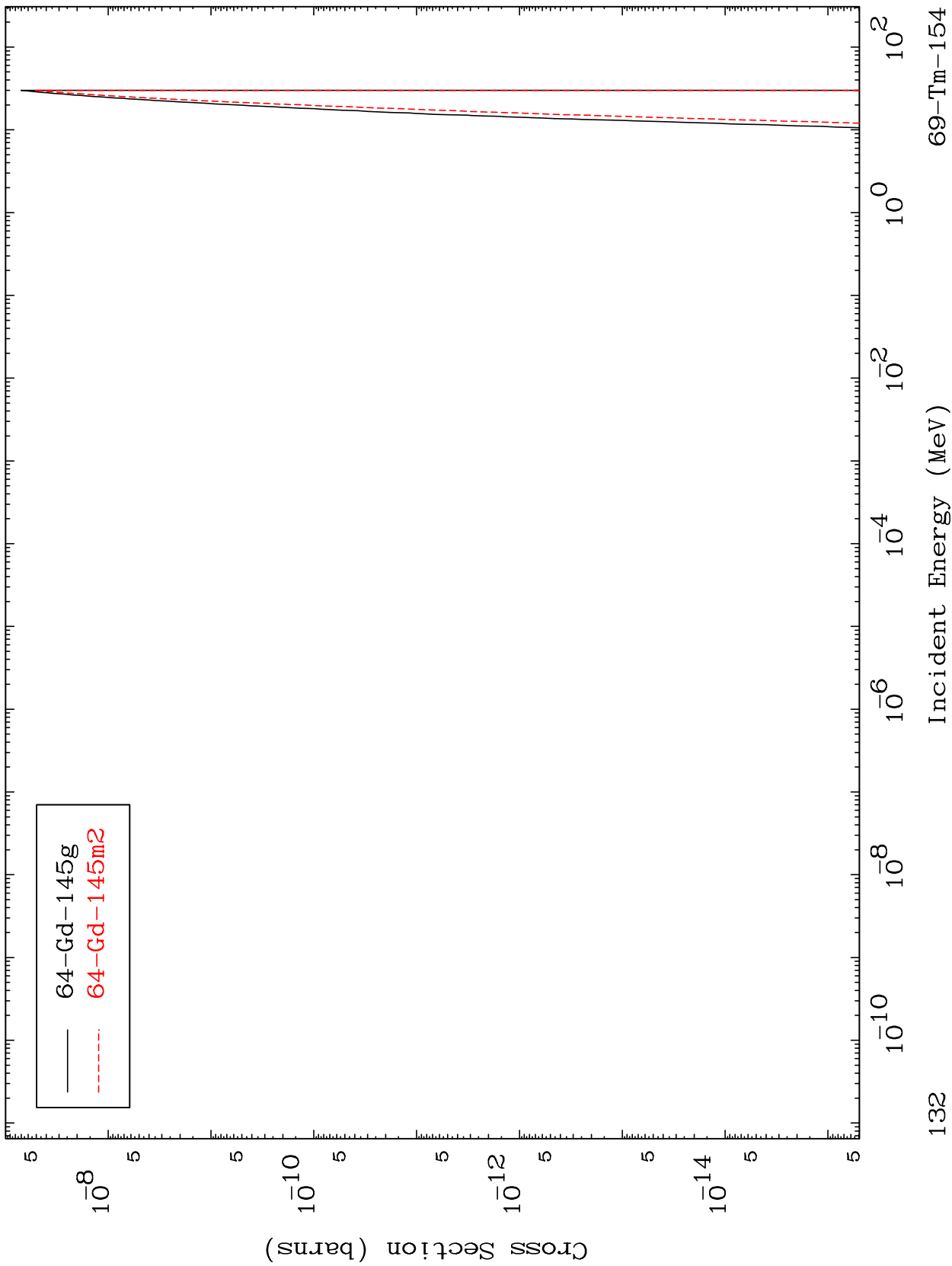


MAT 6880

(n,d) 2 $\alpha$

69-Tm-154

Radionuclide Production Cross Section

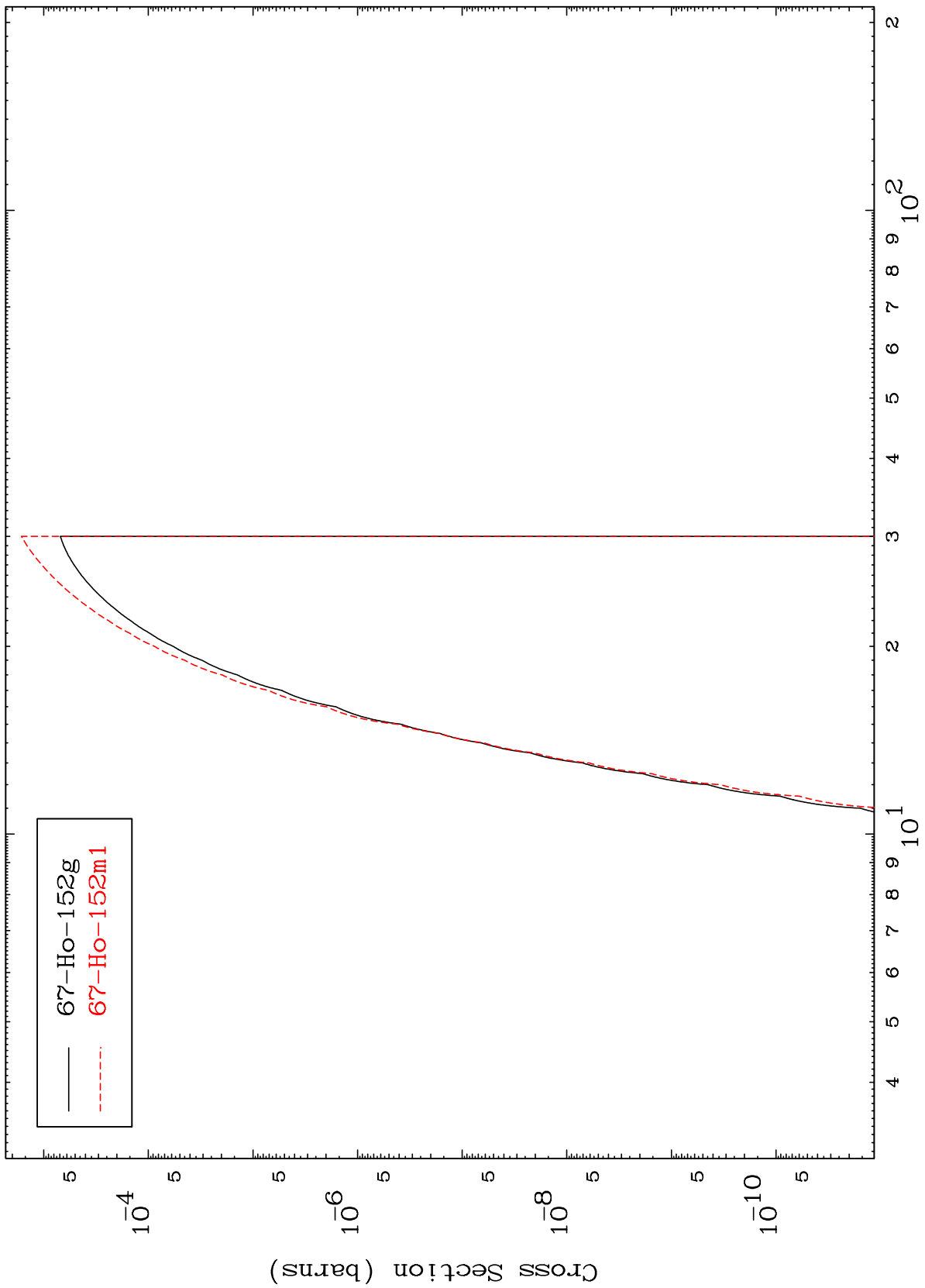


MAT 6880

(n,p) d

69-Tm-154

Radionuclide Production Cross Section



133

Incident Energy (MeV)

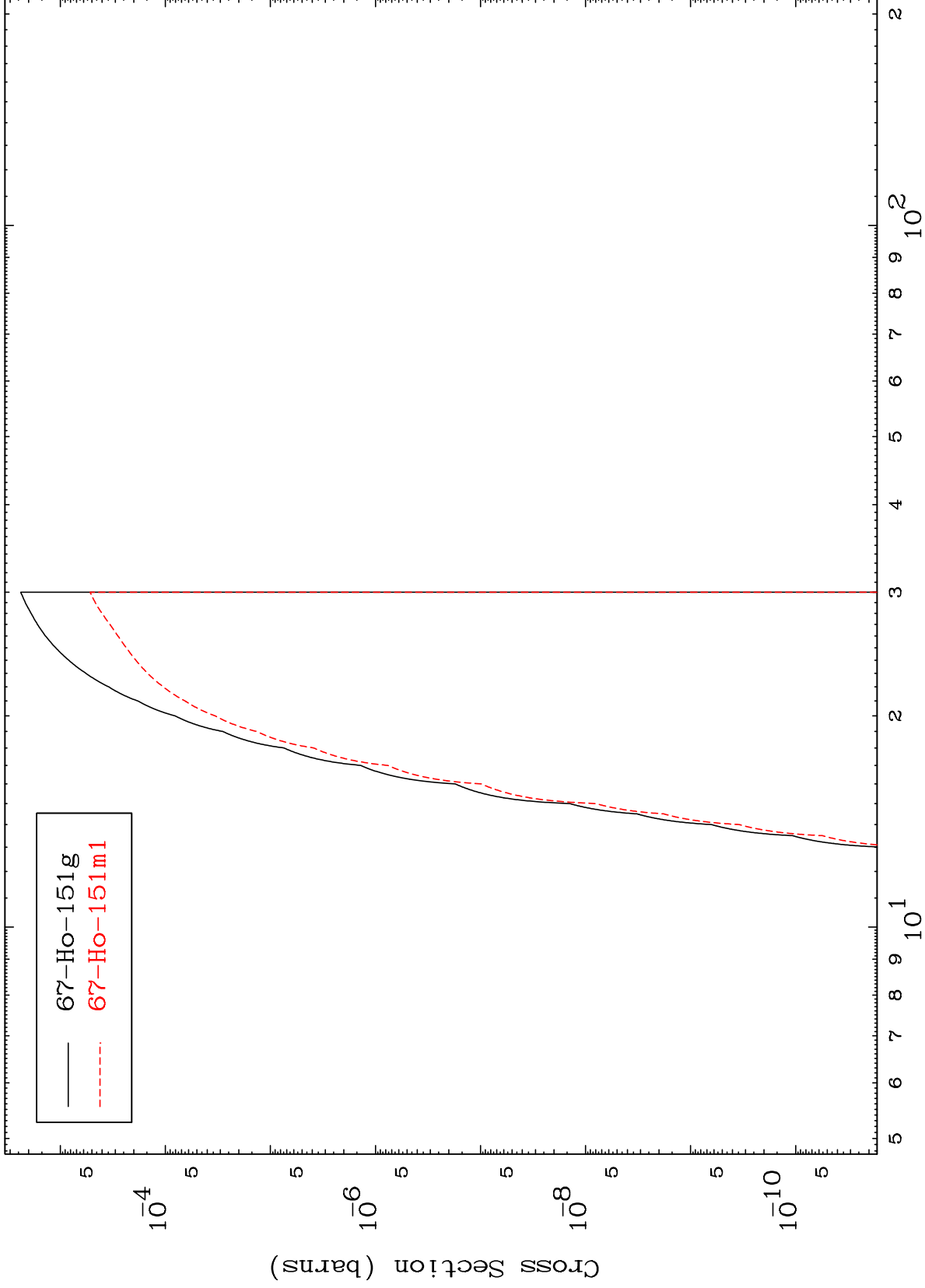
69-Tm-154

MAT 6880

(n,p) t

69-Tm-154

Radionuclide Production Cross Section



134

Incident Energy (MeV)

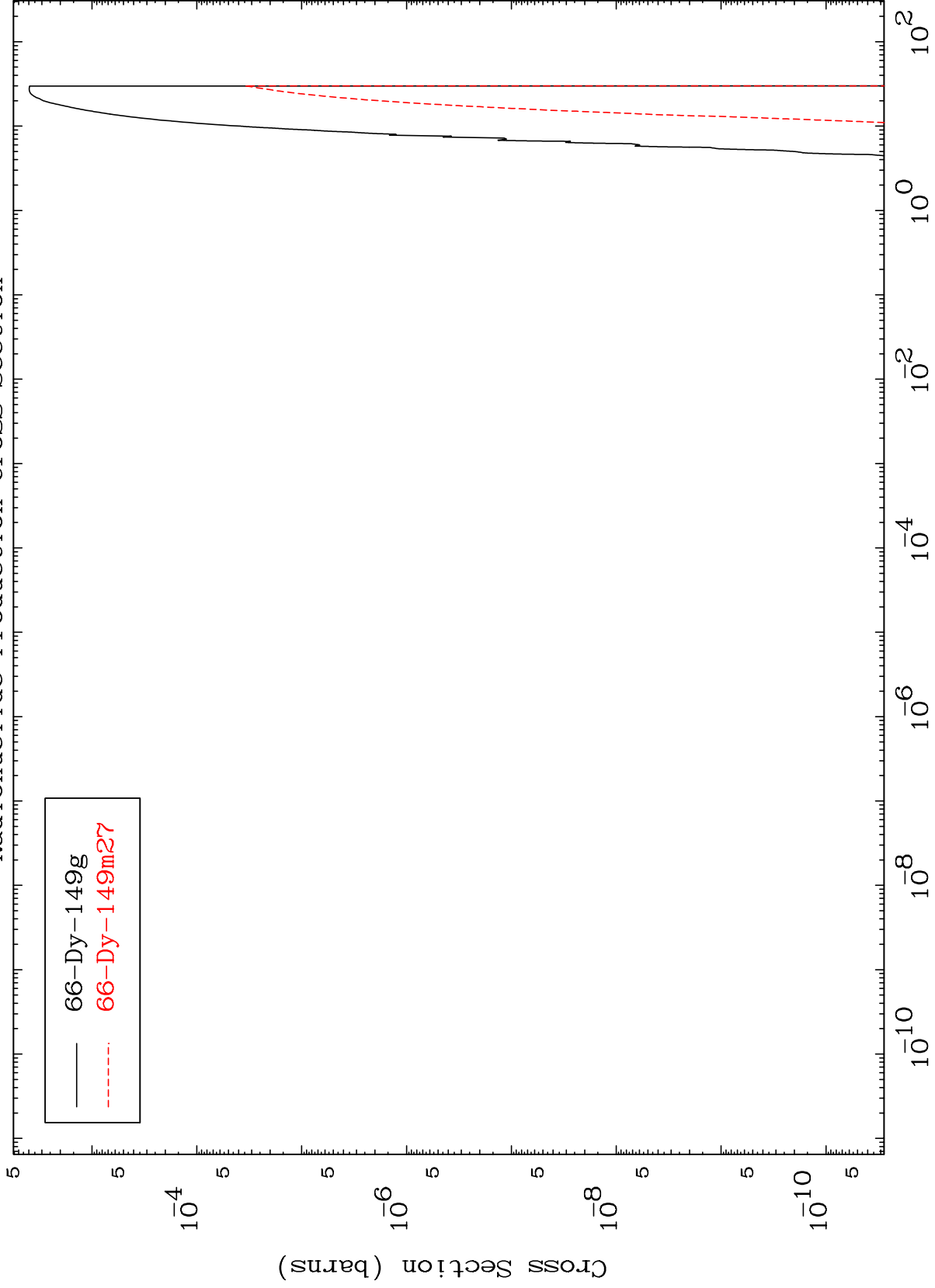
69-Tm-154

MAT 6880

(n,d)  $\alpha$

69-Tm-154

Radionuclide Production Cross Section



135

Incident Energy (MeV)

69-Tm-154