

Program EVALPLOT  
(Version 2015-2)

by

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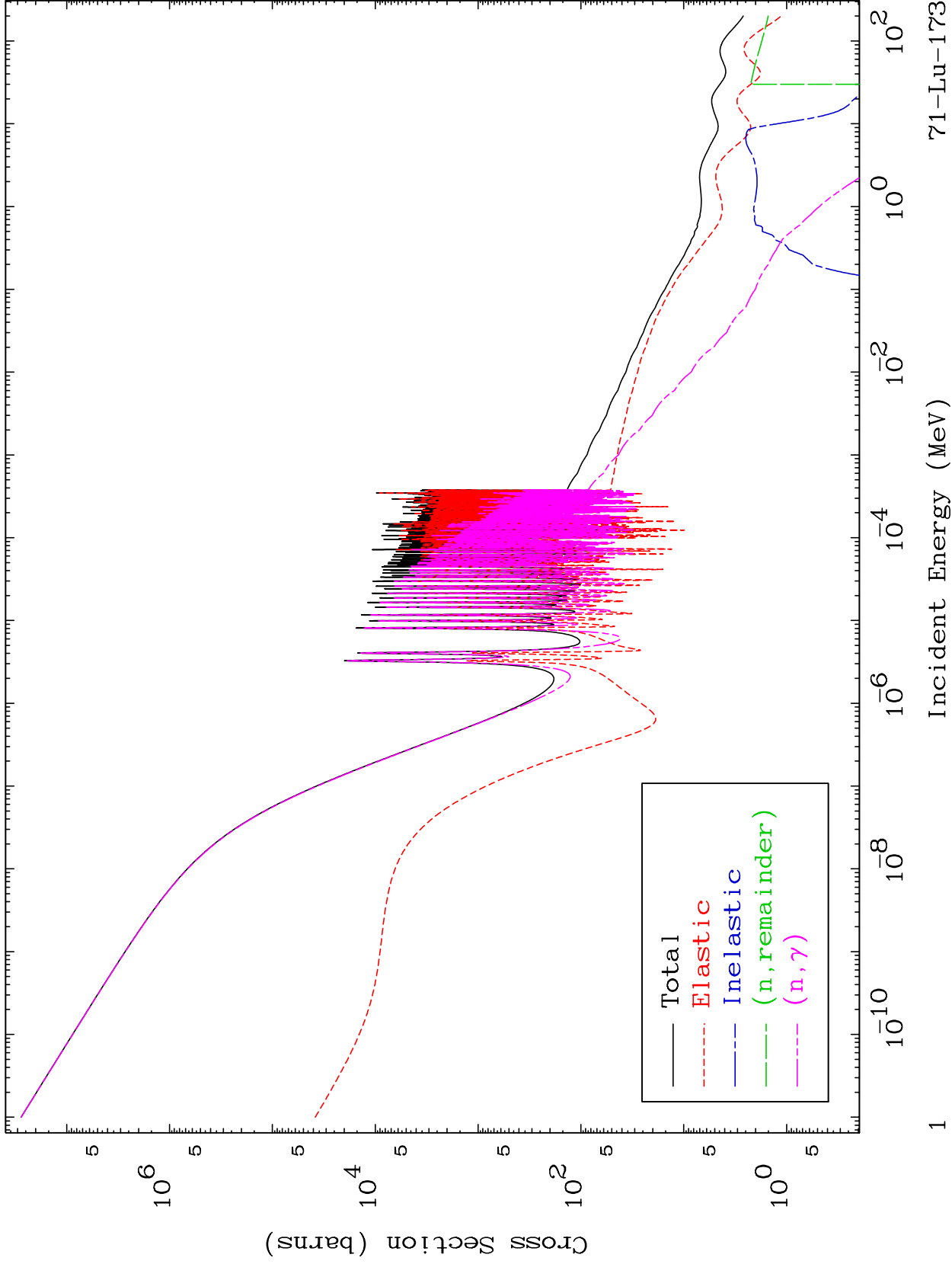
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7119

Major  
293 Kelvin Cross Sections

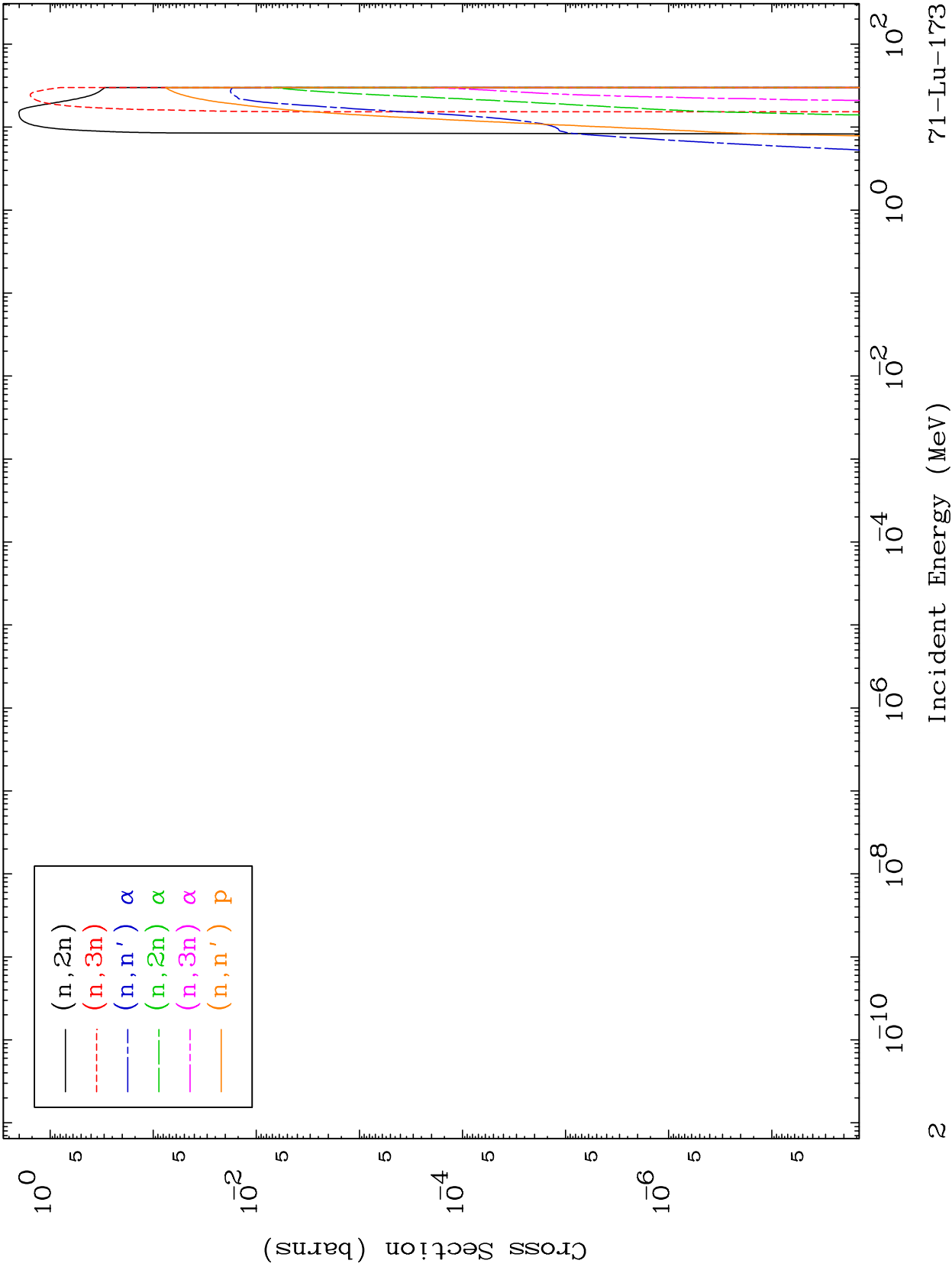
71-Lu-173

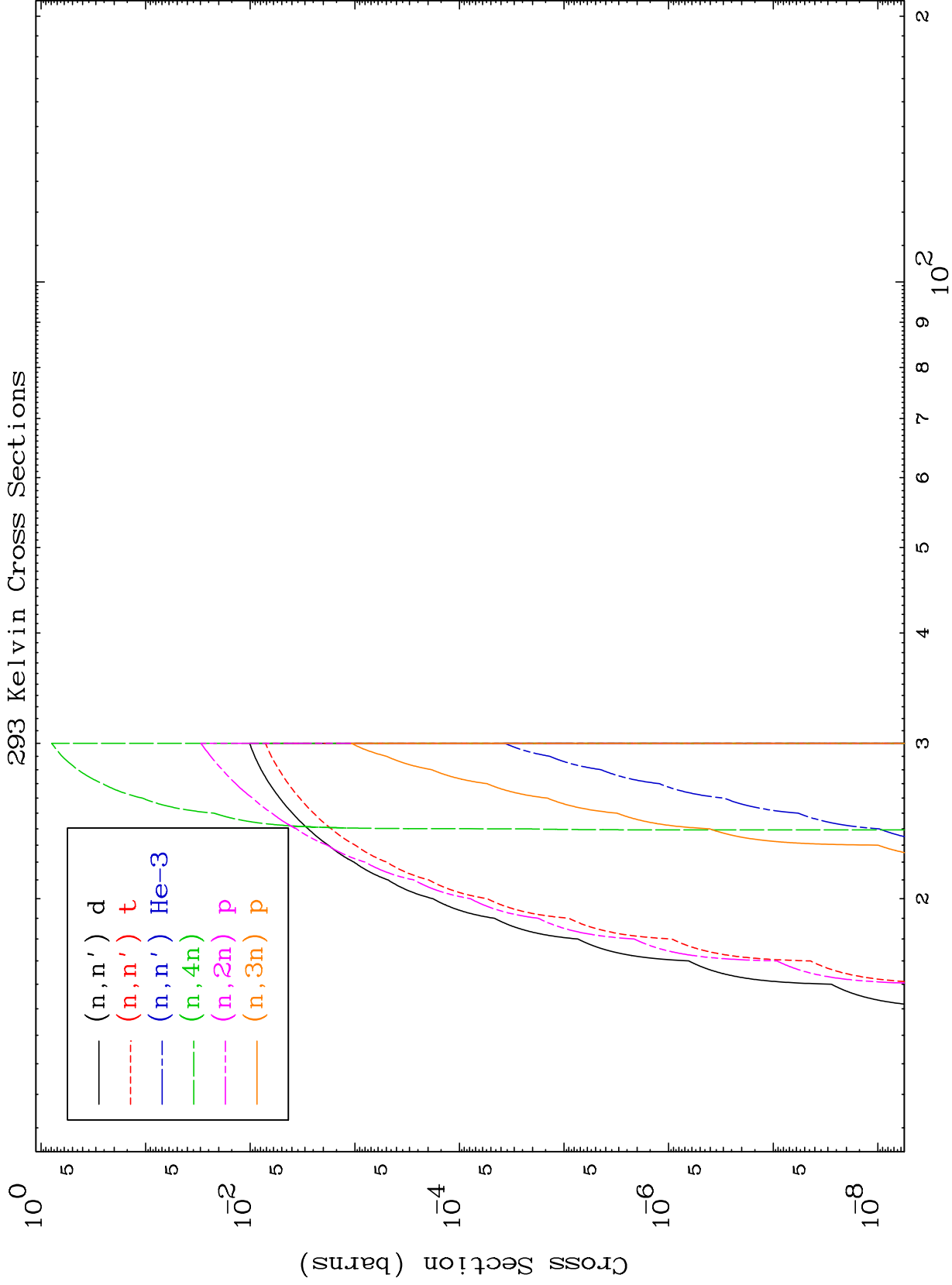


MAT 7119

Neutron Production  
293 Kelvin Cross Sections

71-Lu-173

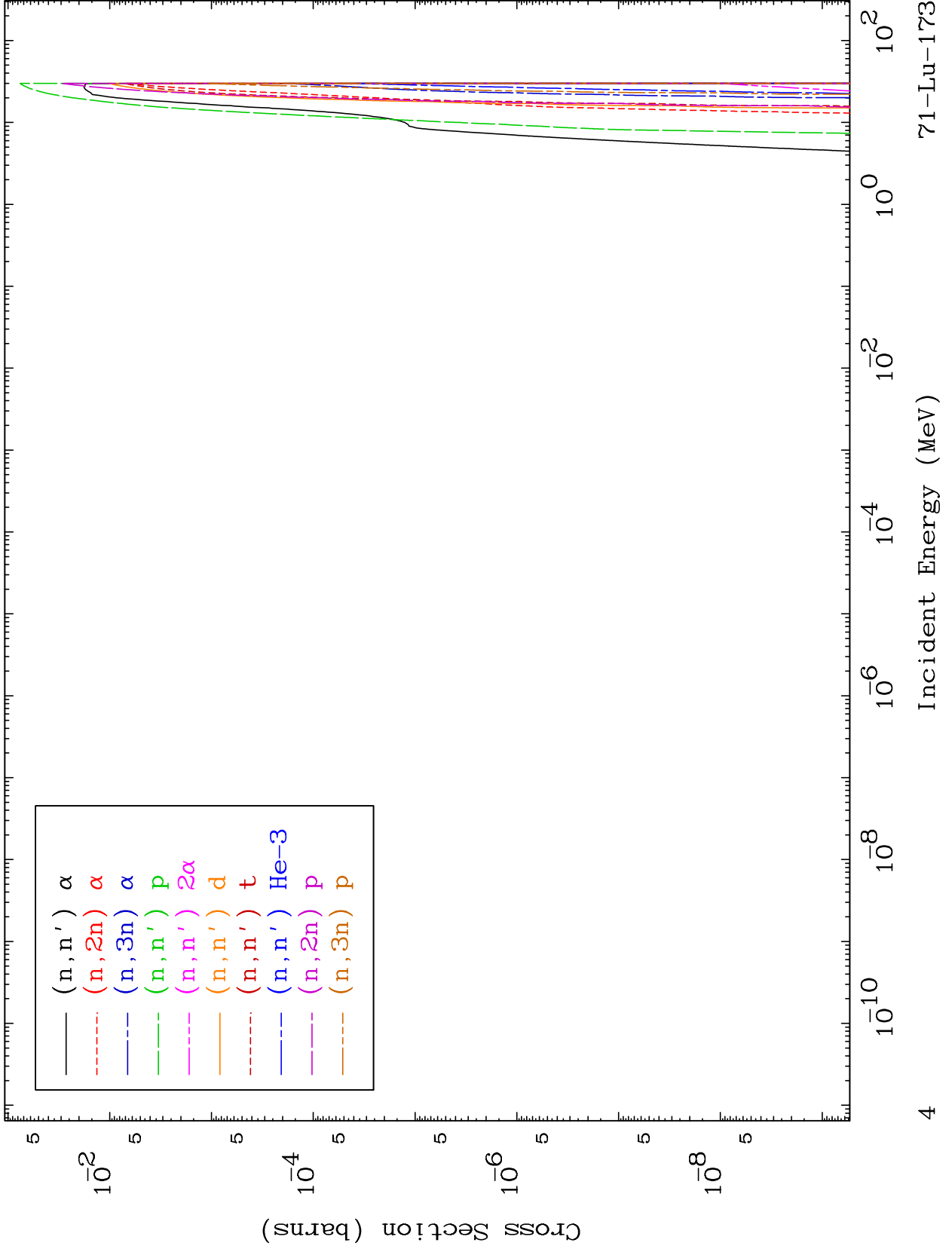




MAT 7119

Charged Particle  
293 Kelvin Cross Sections

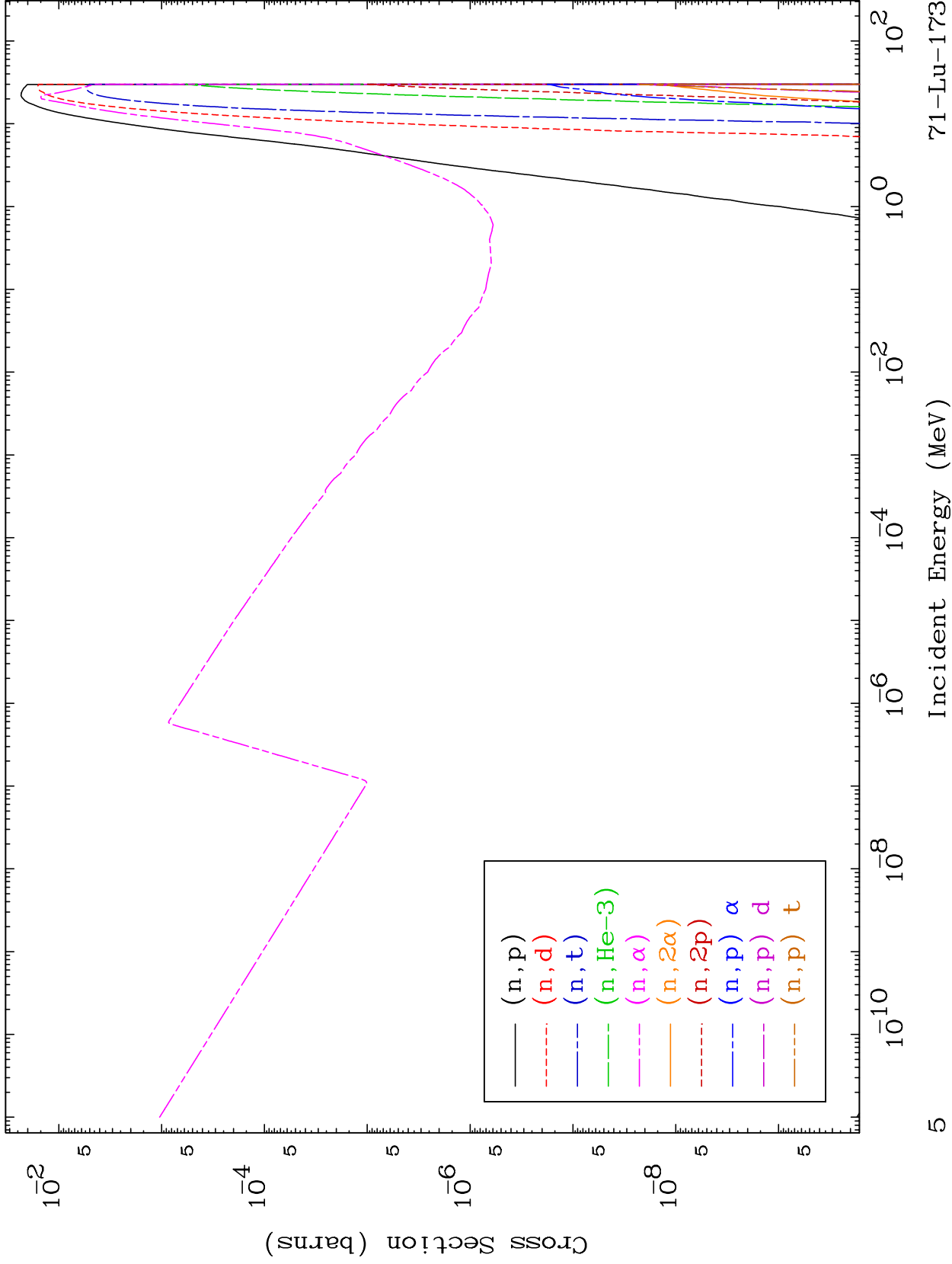
71-Lu-173

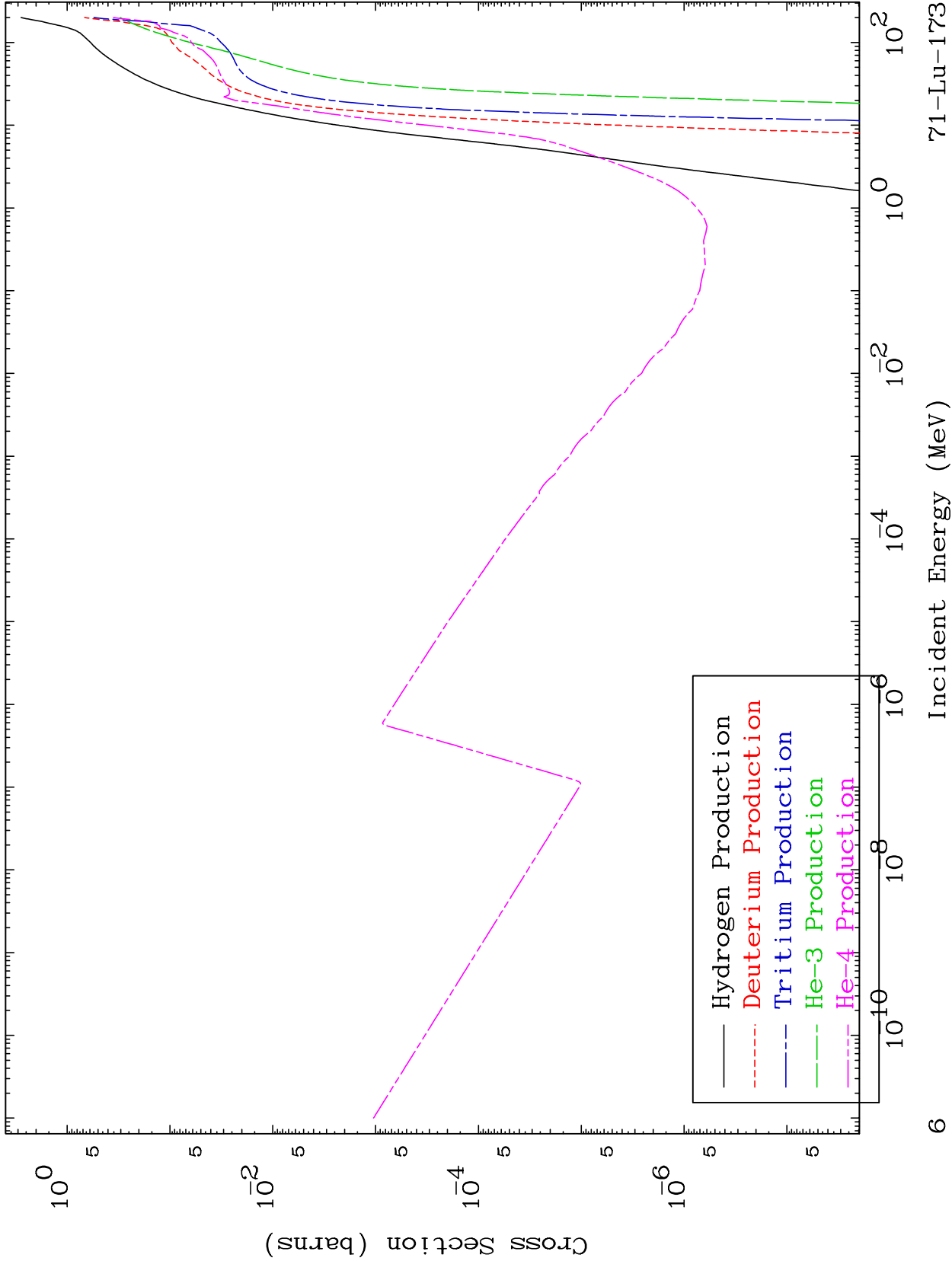


MAT 7119

Charged Particle  
293 Kelvin Cross Sections

71-Lu-173



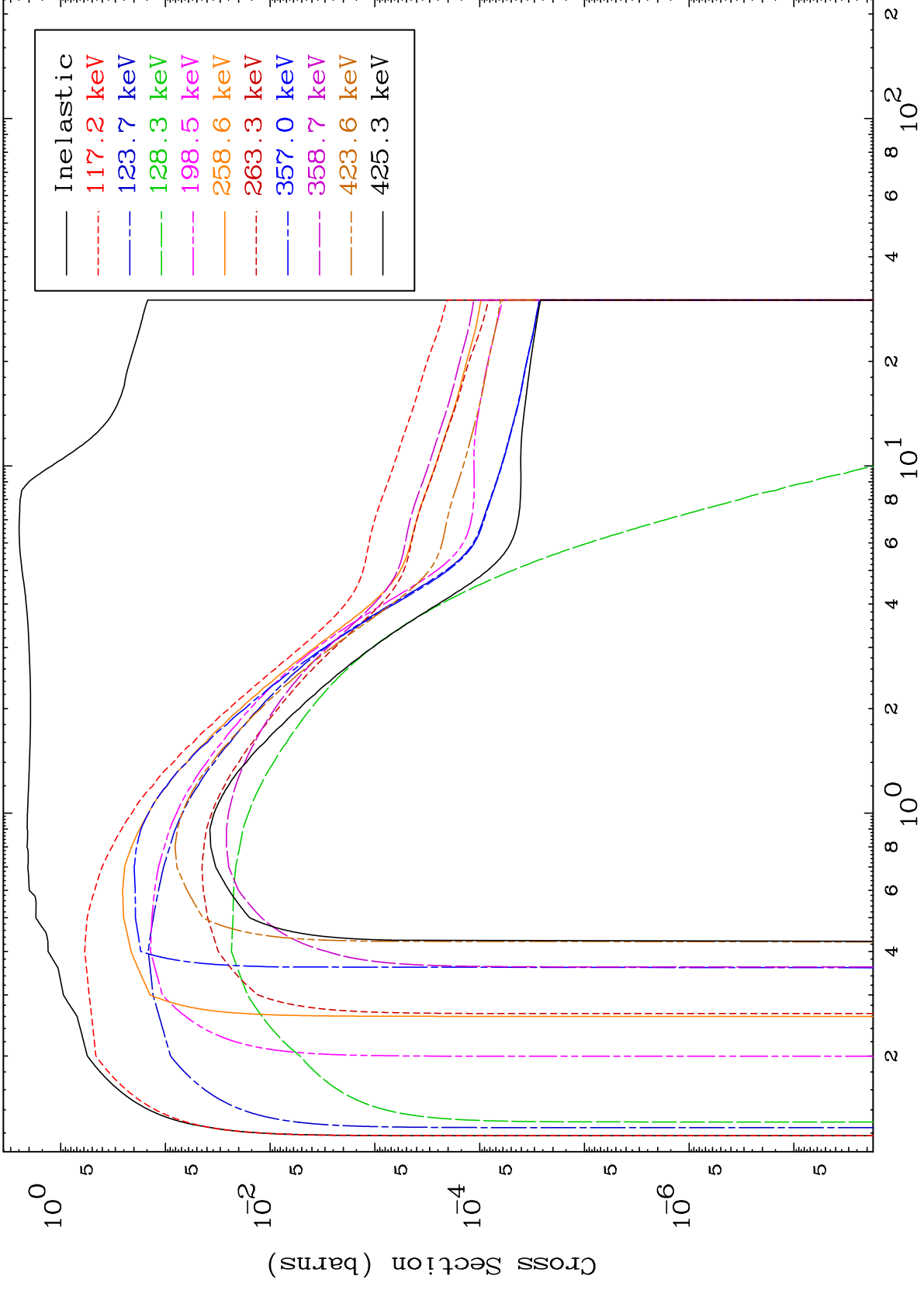


MAT 7119

(n,n') Level

71-Lu-173

293 Kelvin Cross Sections



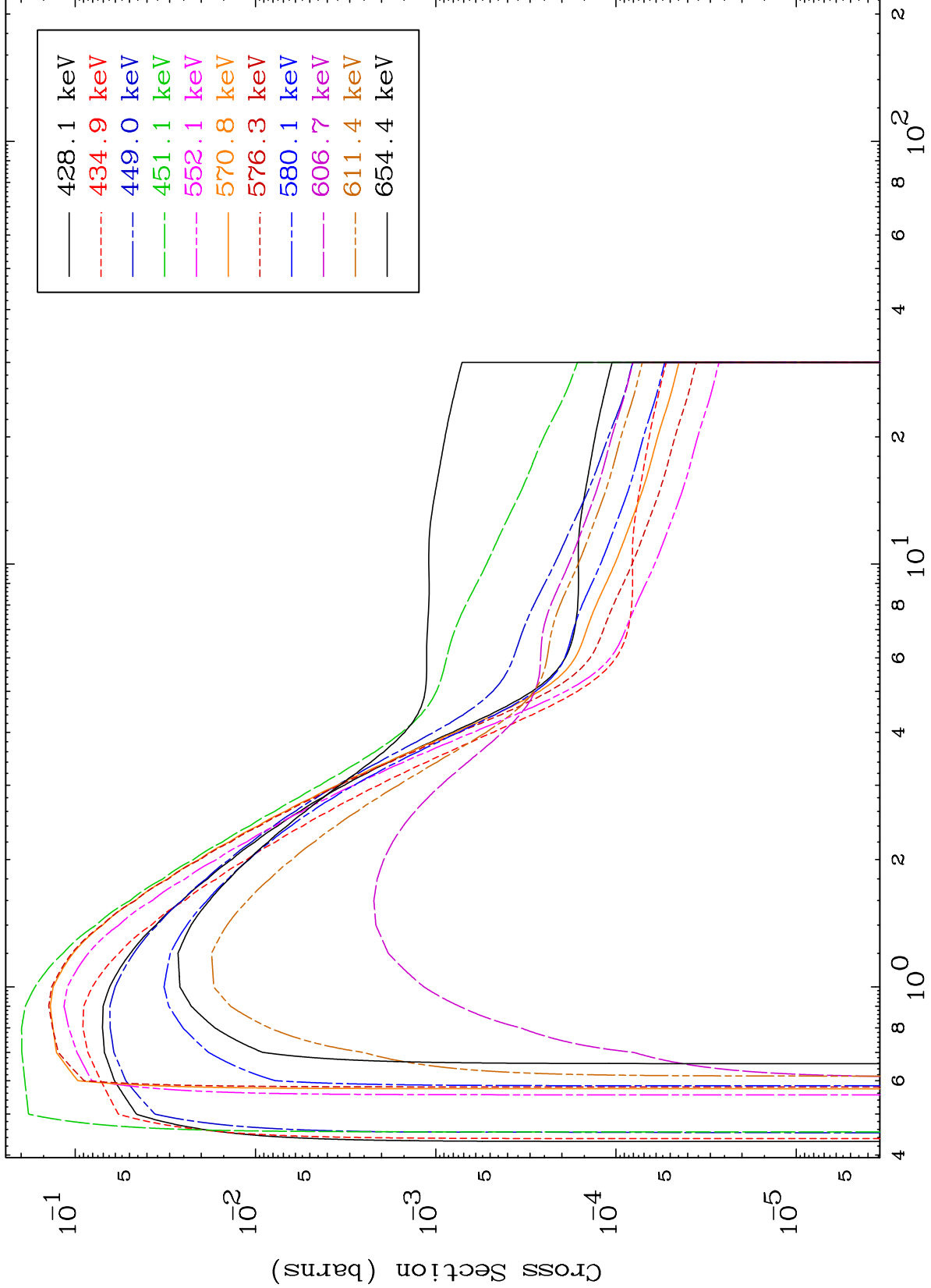


MAT 7119

(n,n') Level

71-Lu-173

293 Kelvin Cross Sections



8

Incident Energy (MeV)

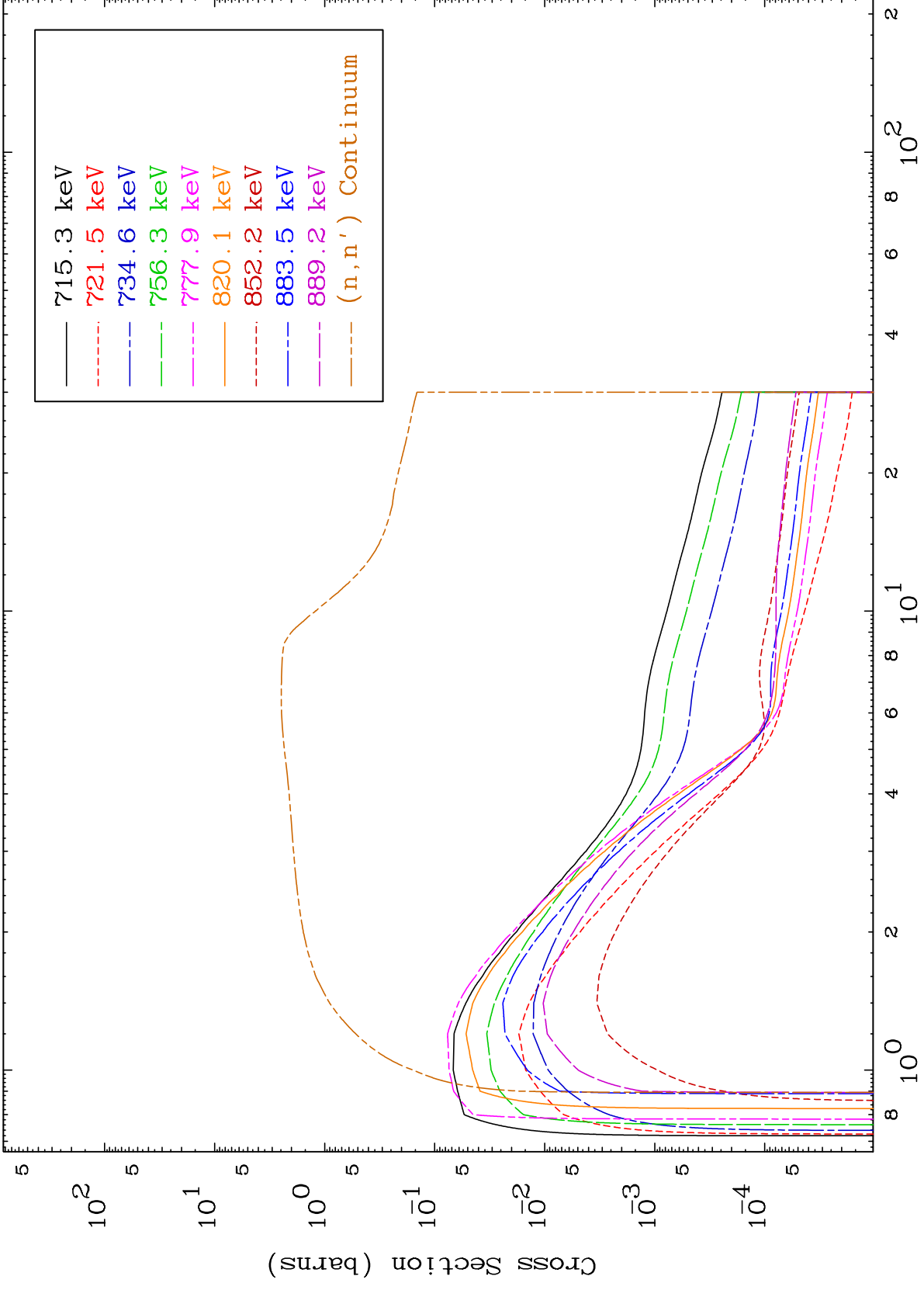
71-Lu-173

MAT 7119

(n,n') Level

71-Lu-173

293 Kelvin Cross Sections



9

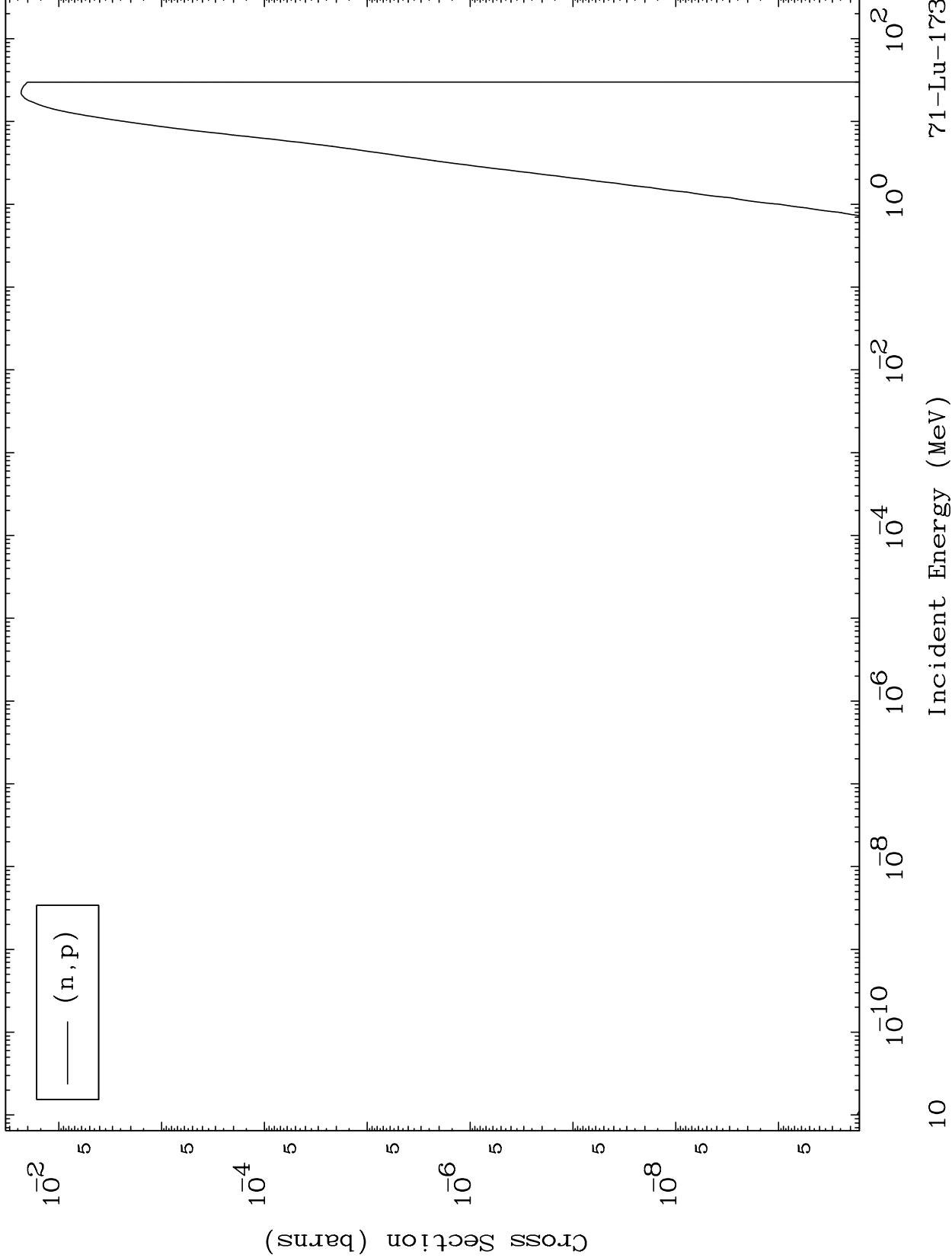
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-173



10

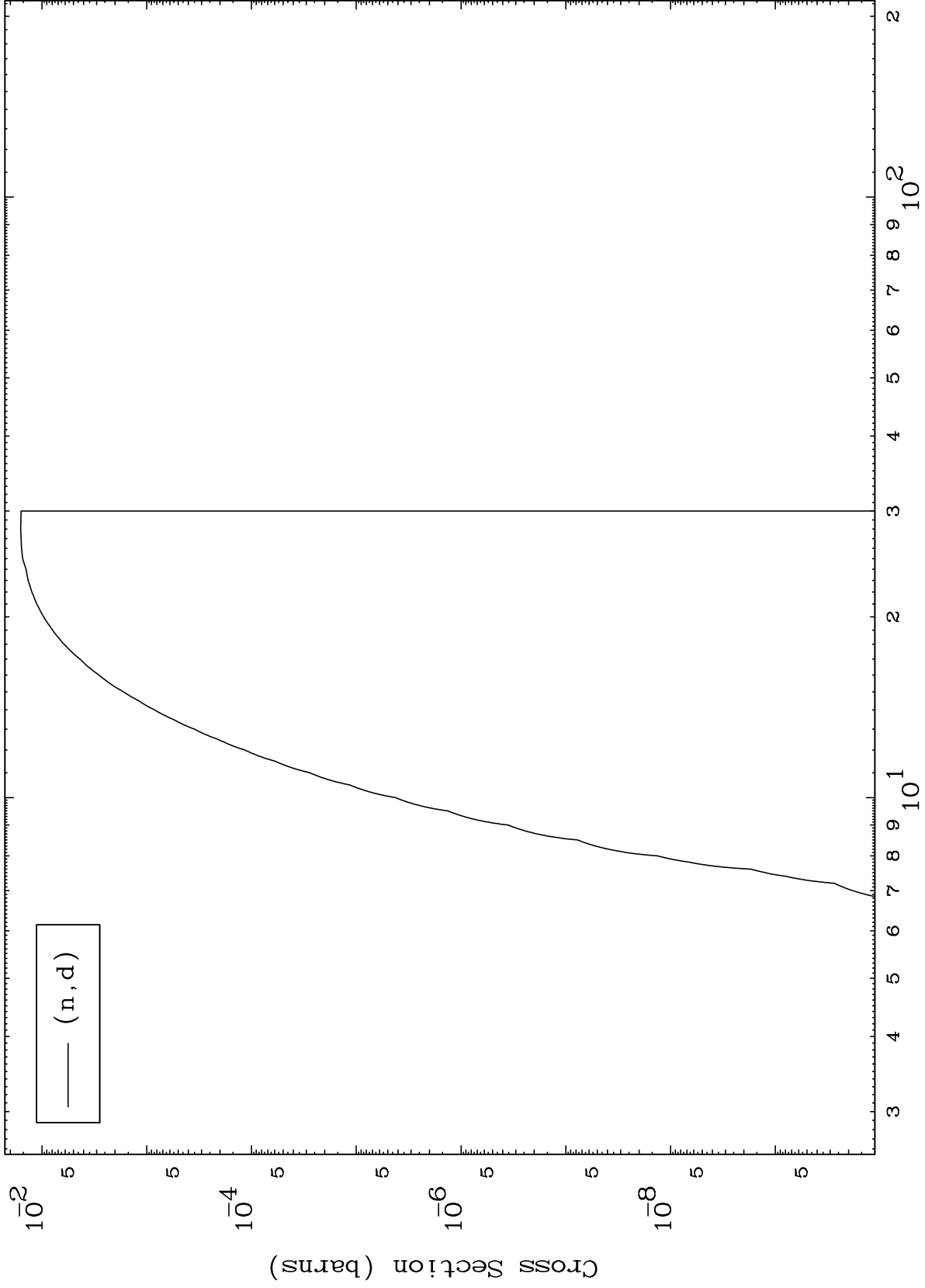
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-173



11

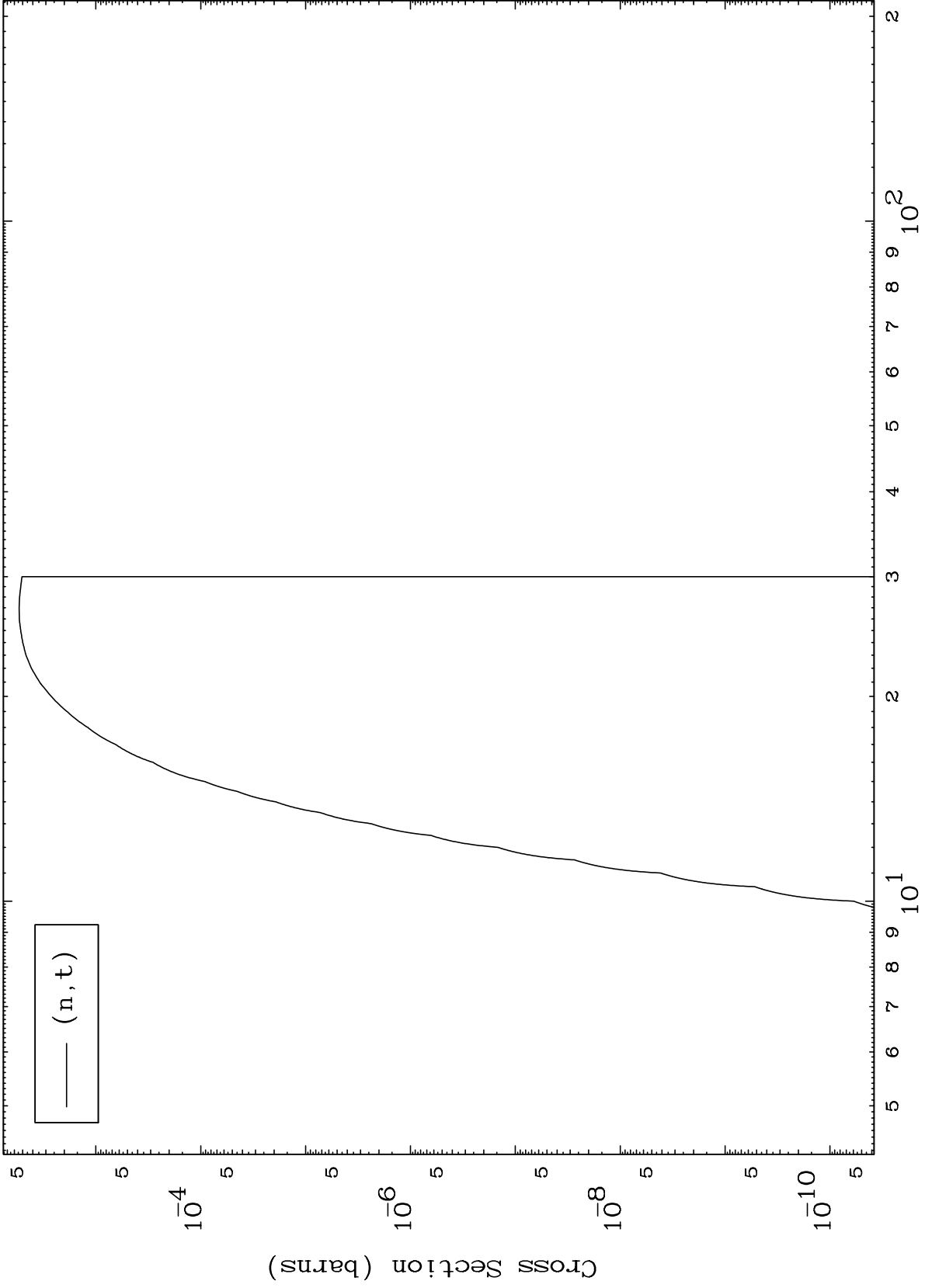
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-173



12

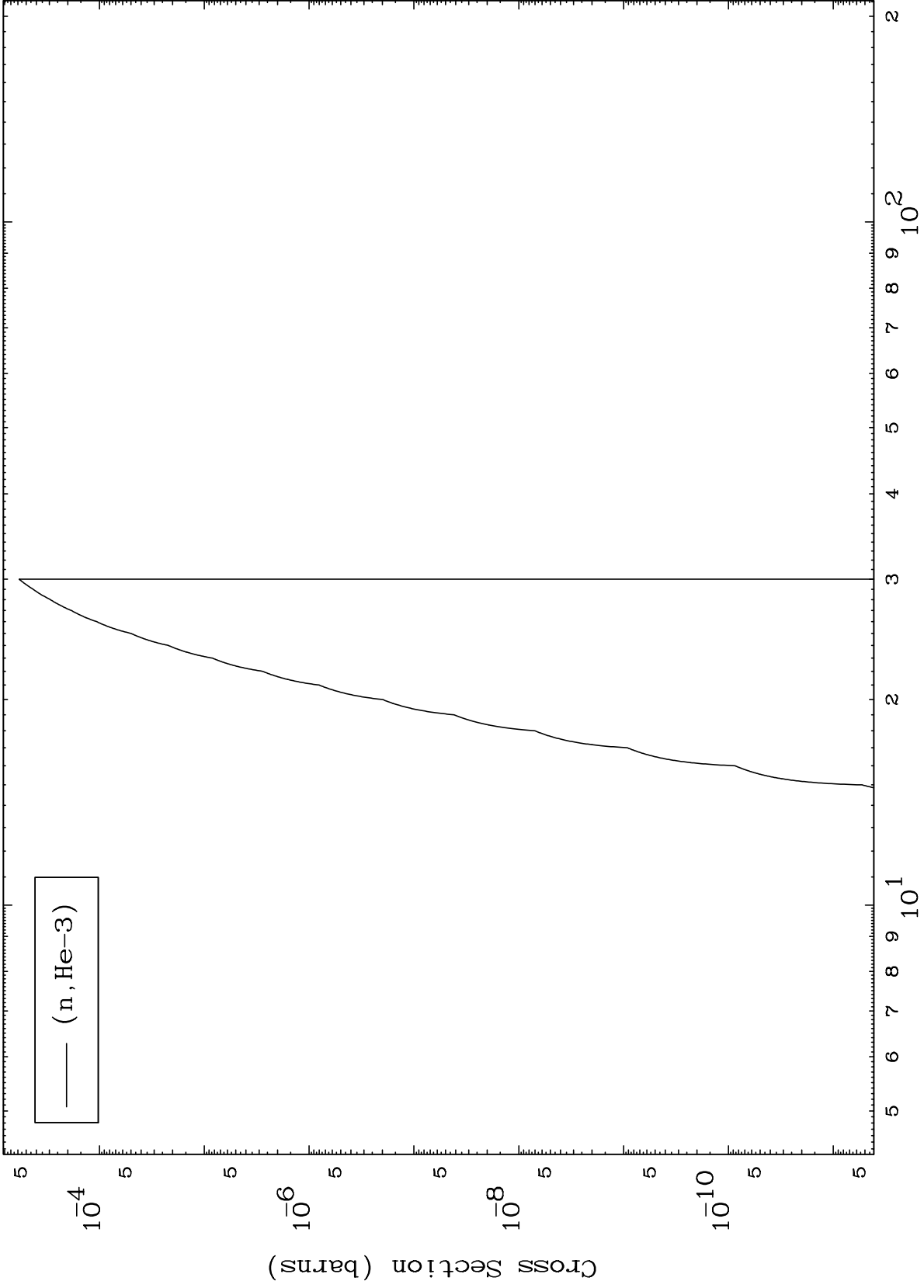
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-173



13

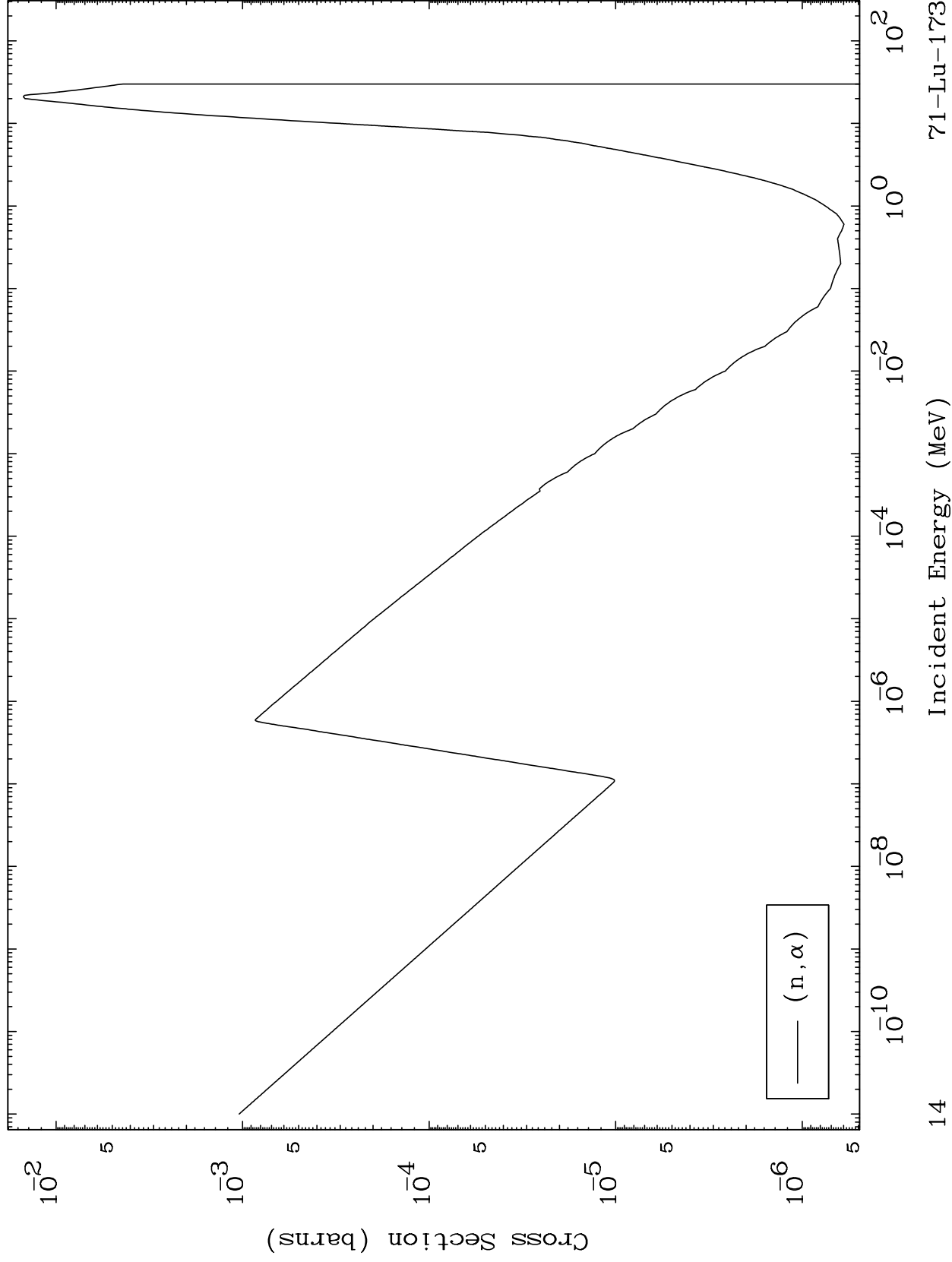
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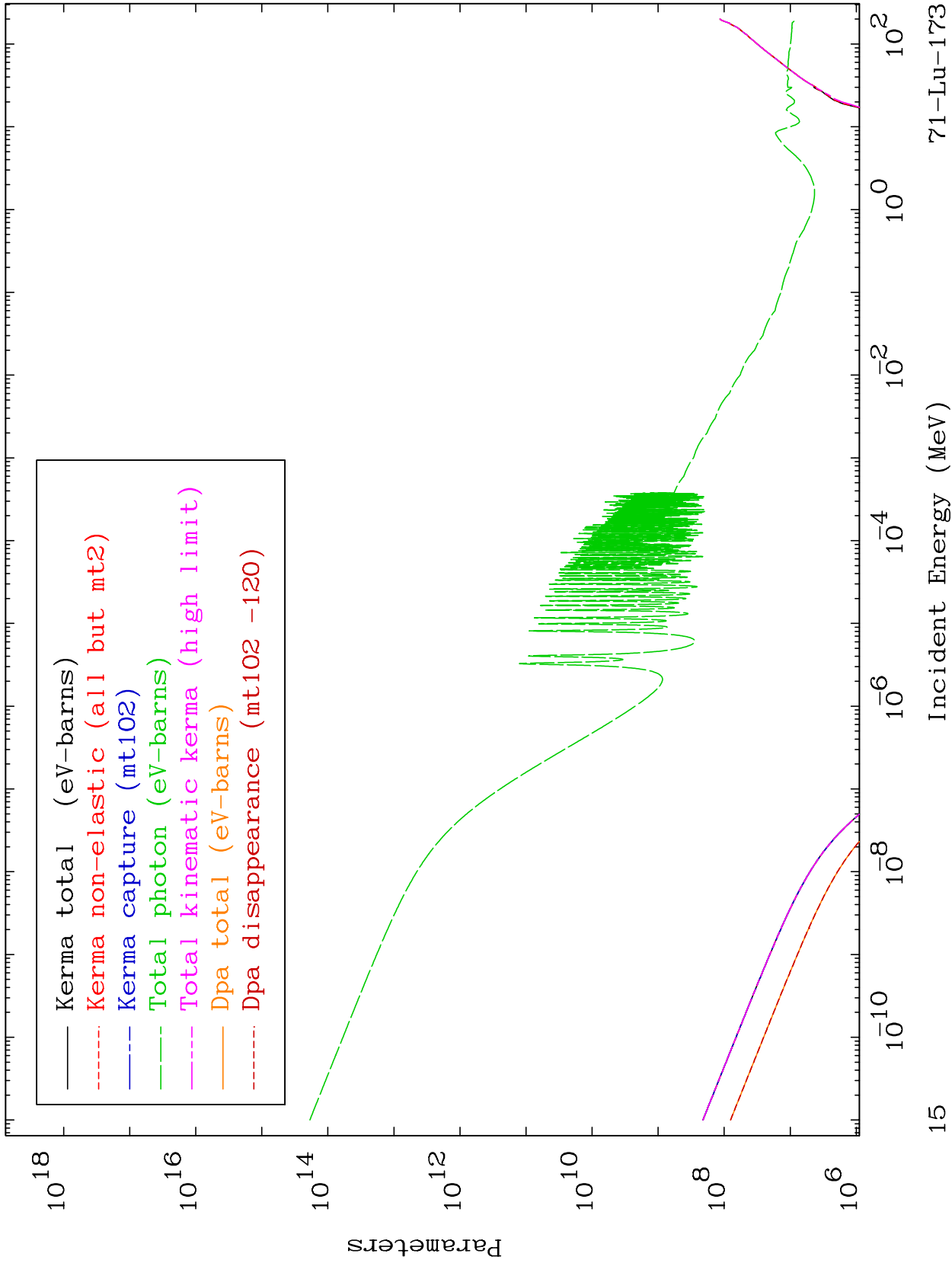
71-Lu-173

MAT 7119

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

71-Lu-173



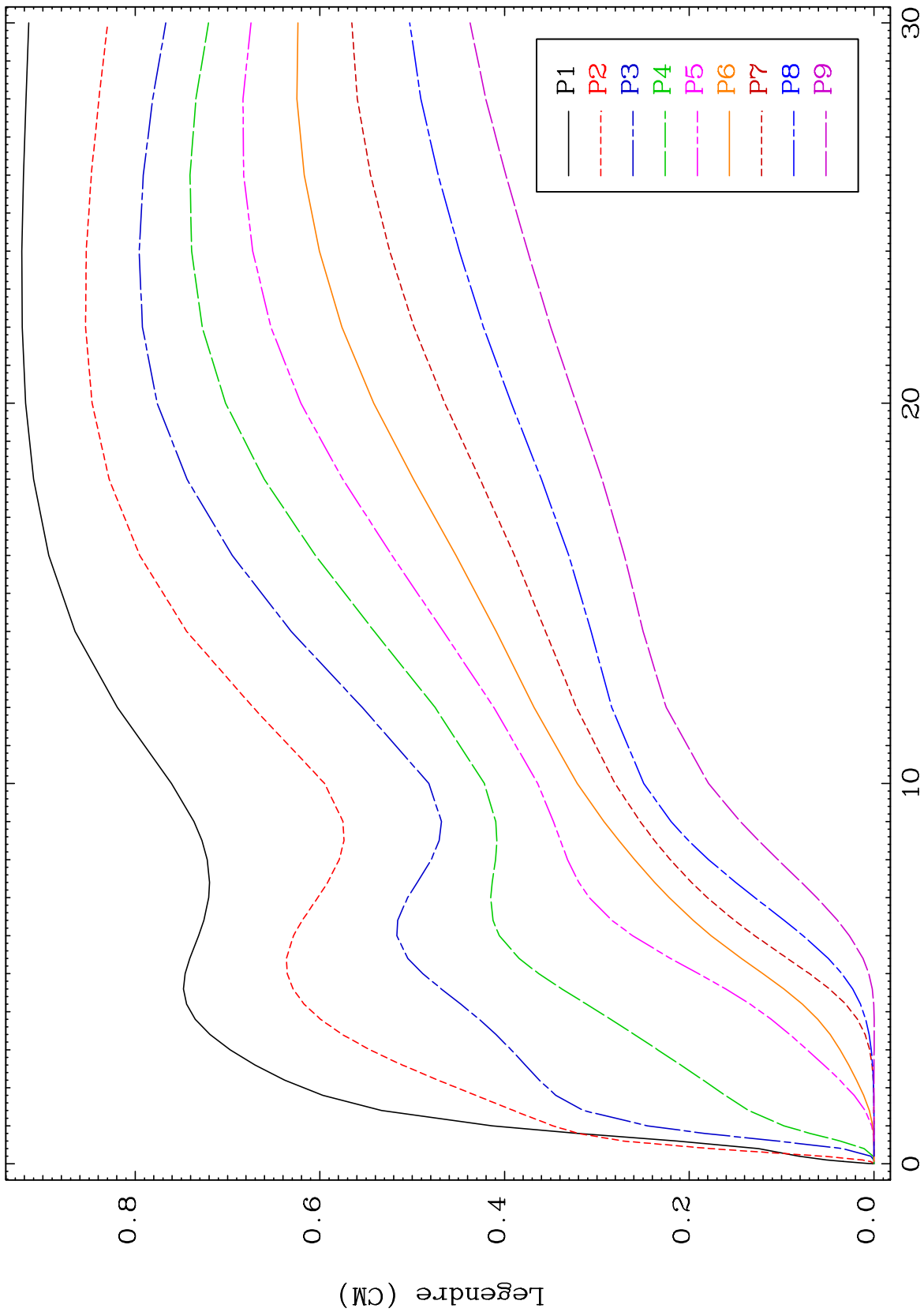




MAT 7119

71-Lu-173

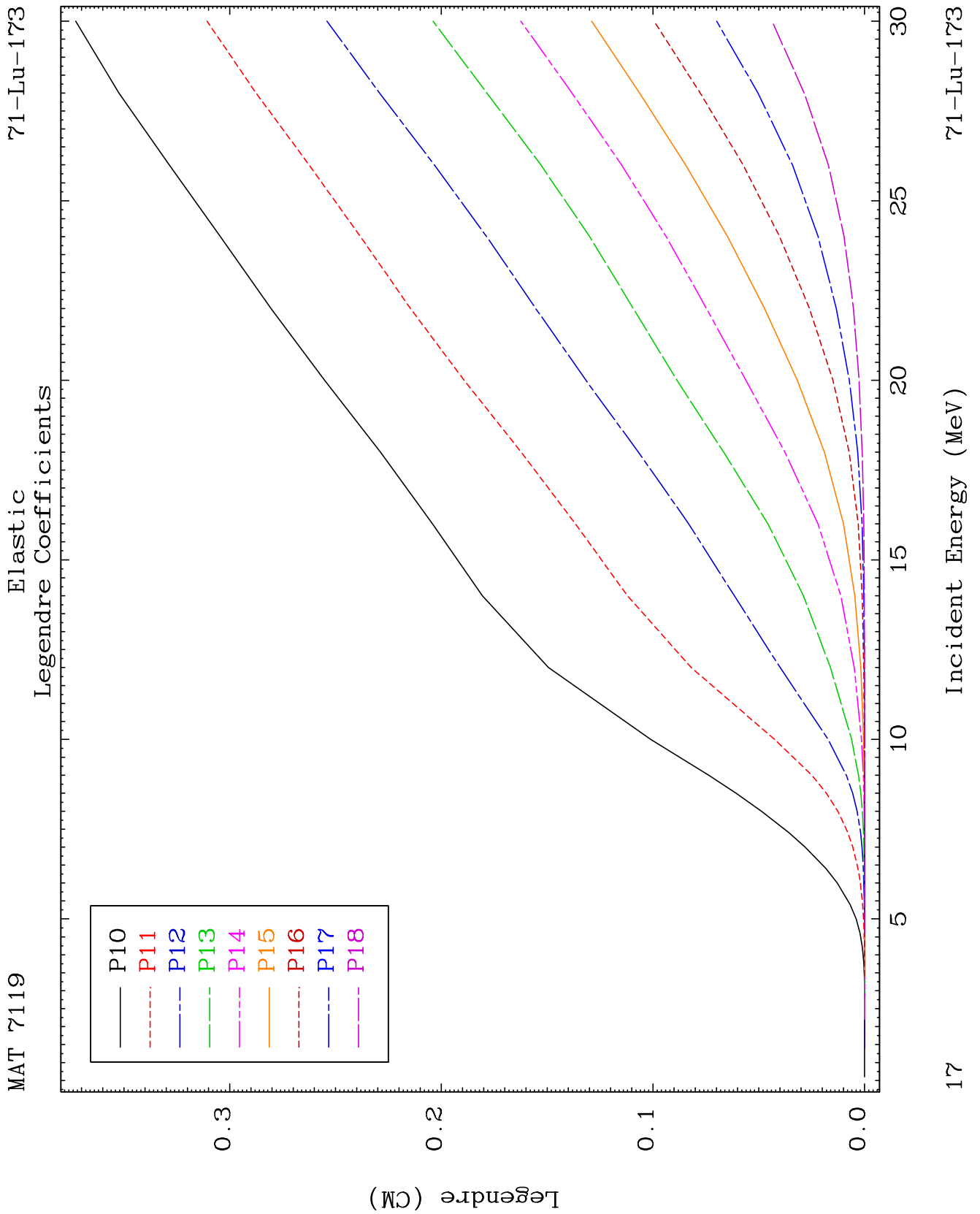
Elastic Legendre Coefficients



71-Lu-173

Incident Energy (MeV)

16



MAT 7119

Elastic Legendre Coefficients

71-Lu-173

17

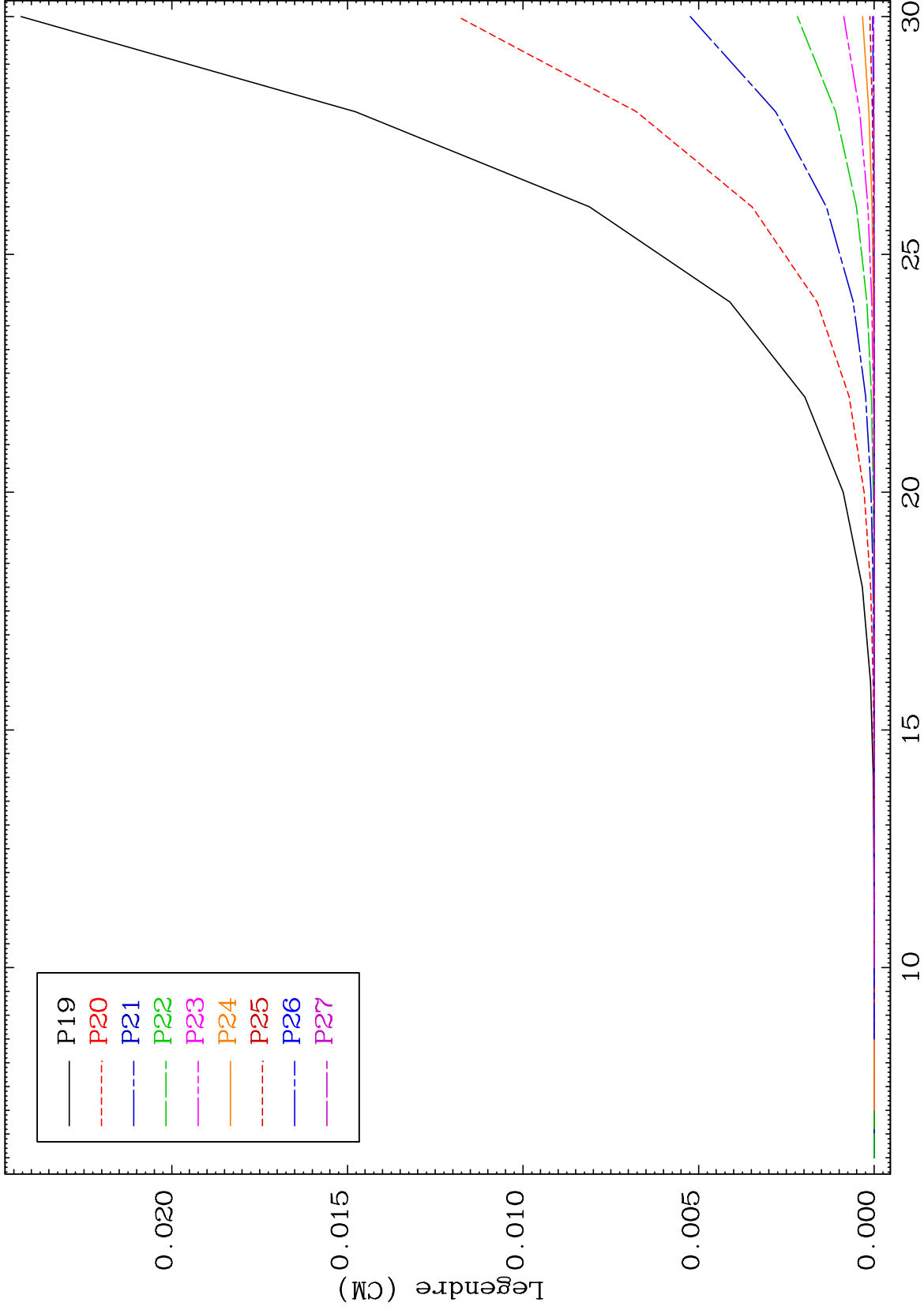
Incident Energy (MeV)

71-Lu-173

MAT 7119

Elastic Legendre Coefficients

71-Lu-173



18

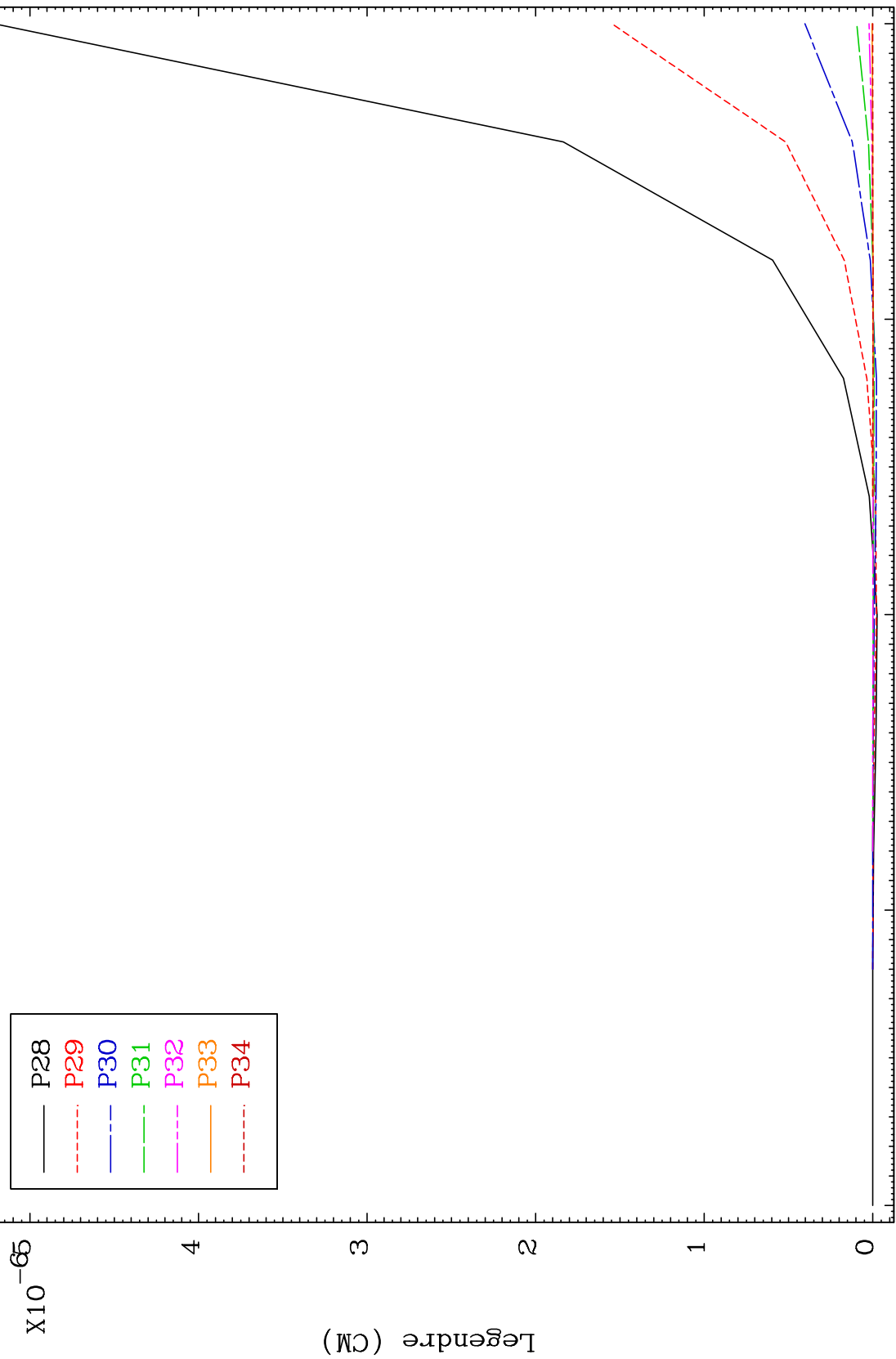
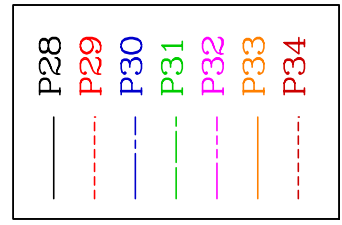
Incident Energy (MeV)

71-Lu-173

MAT 7119

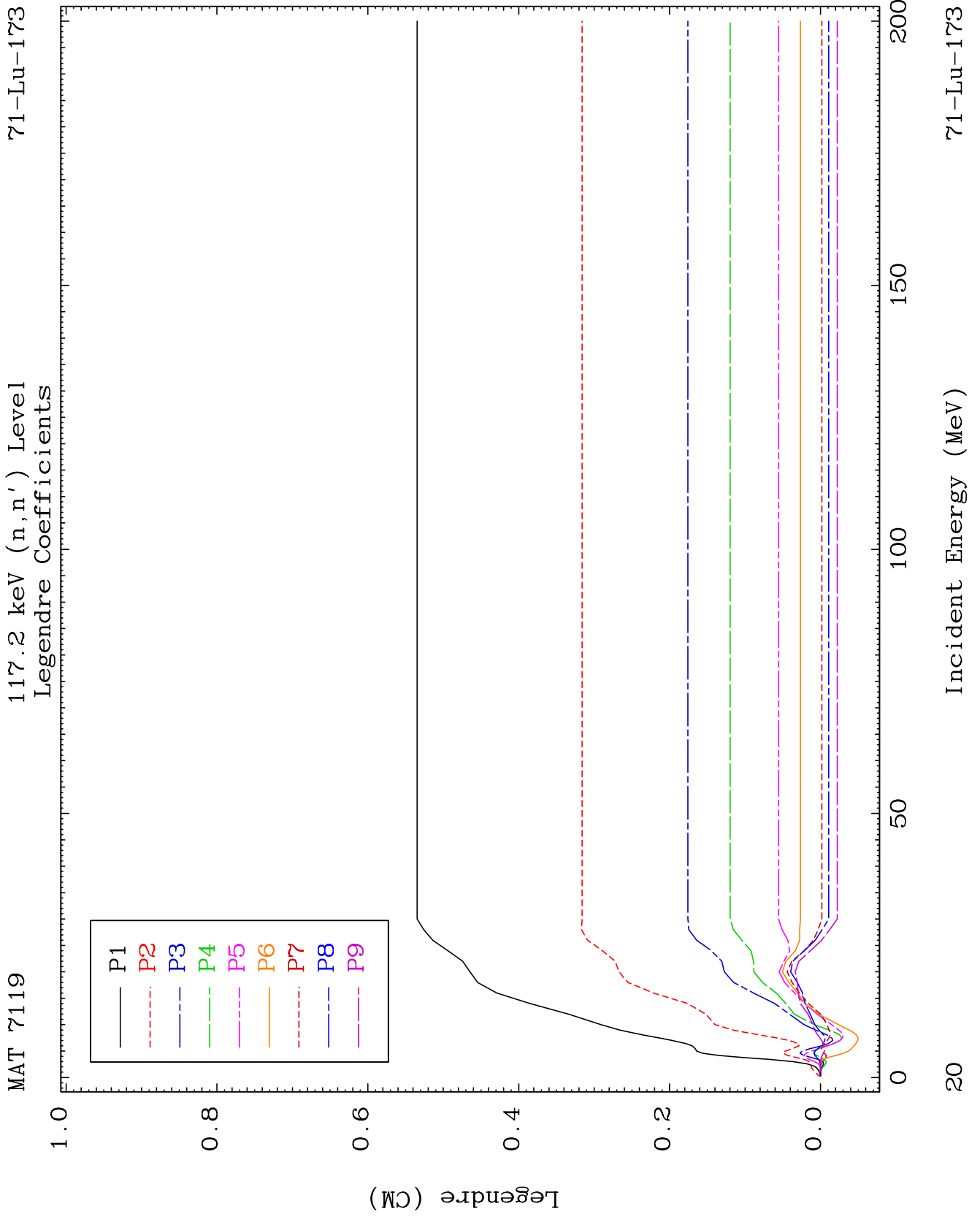
Elastic Legendre Coefficients

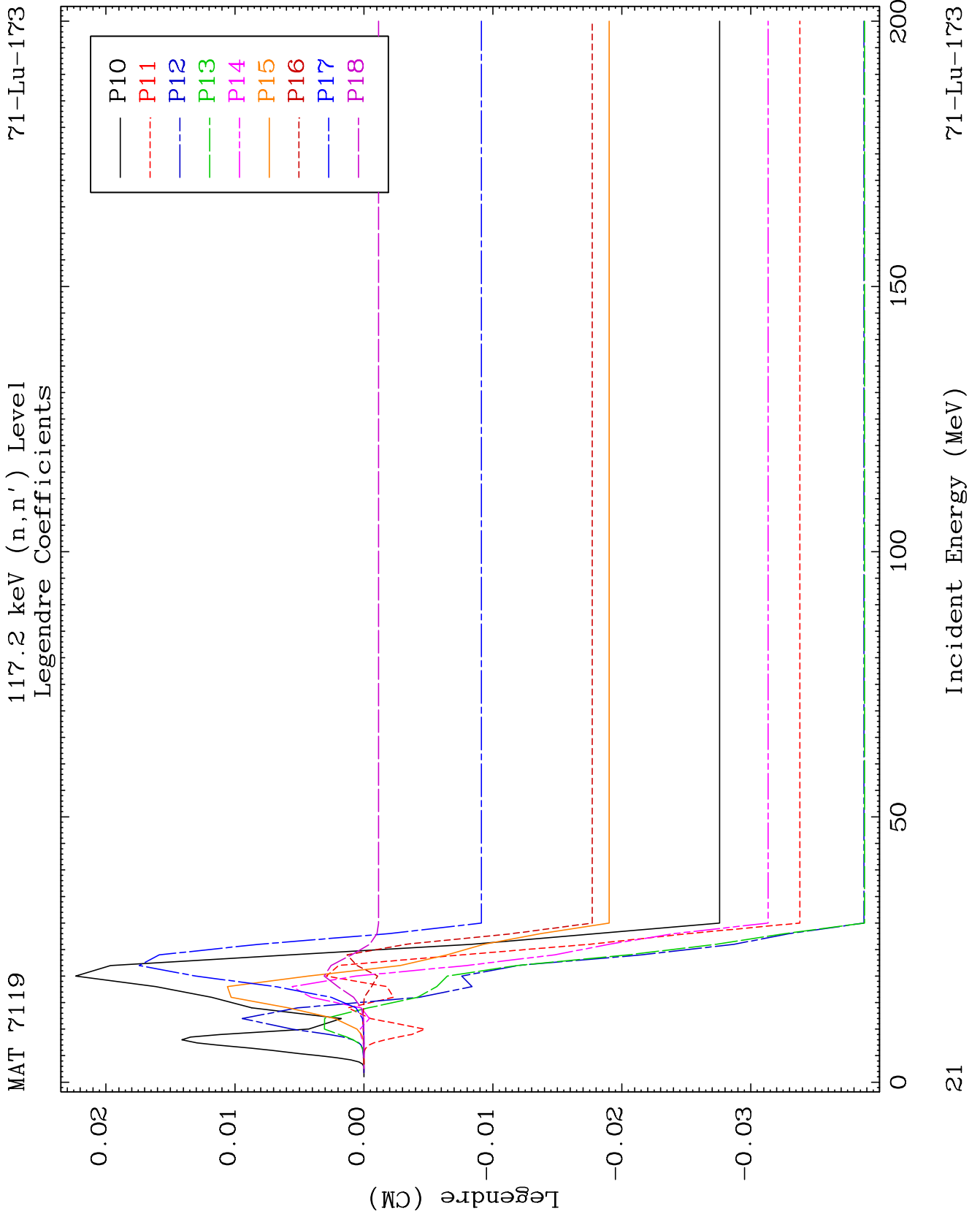
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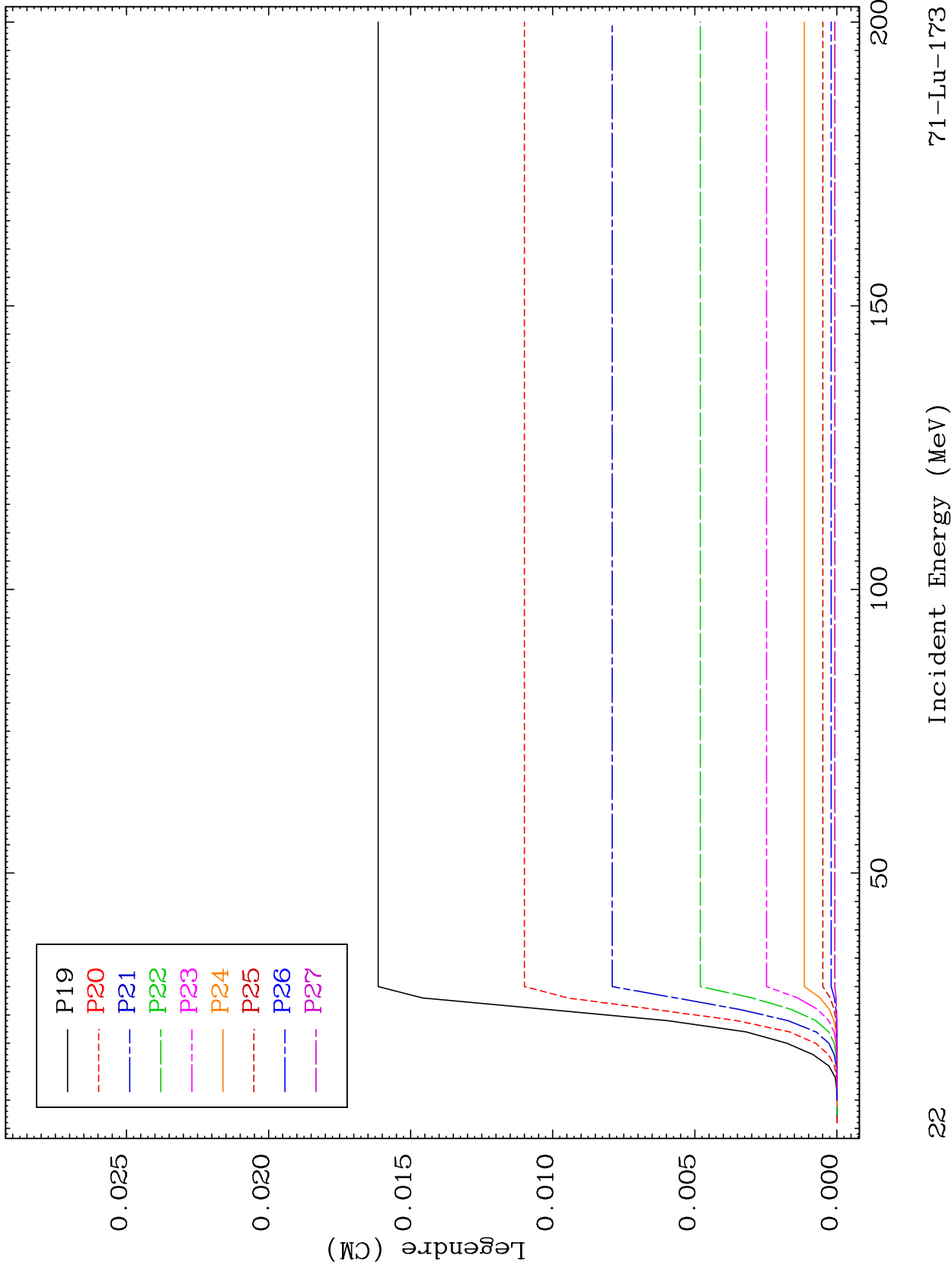


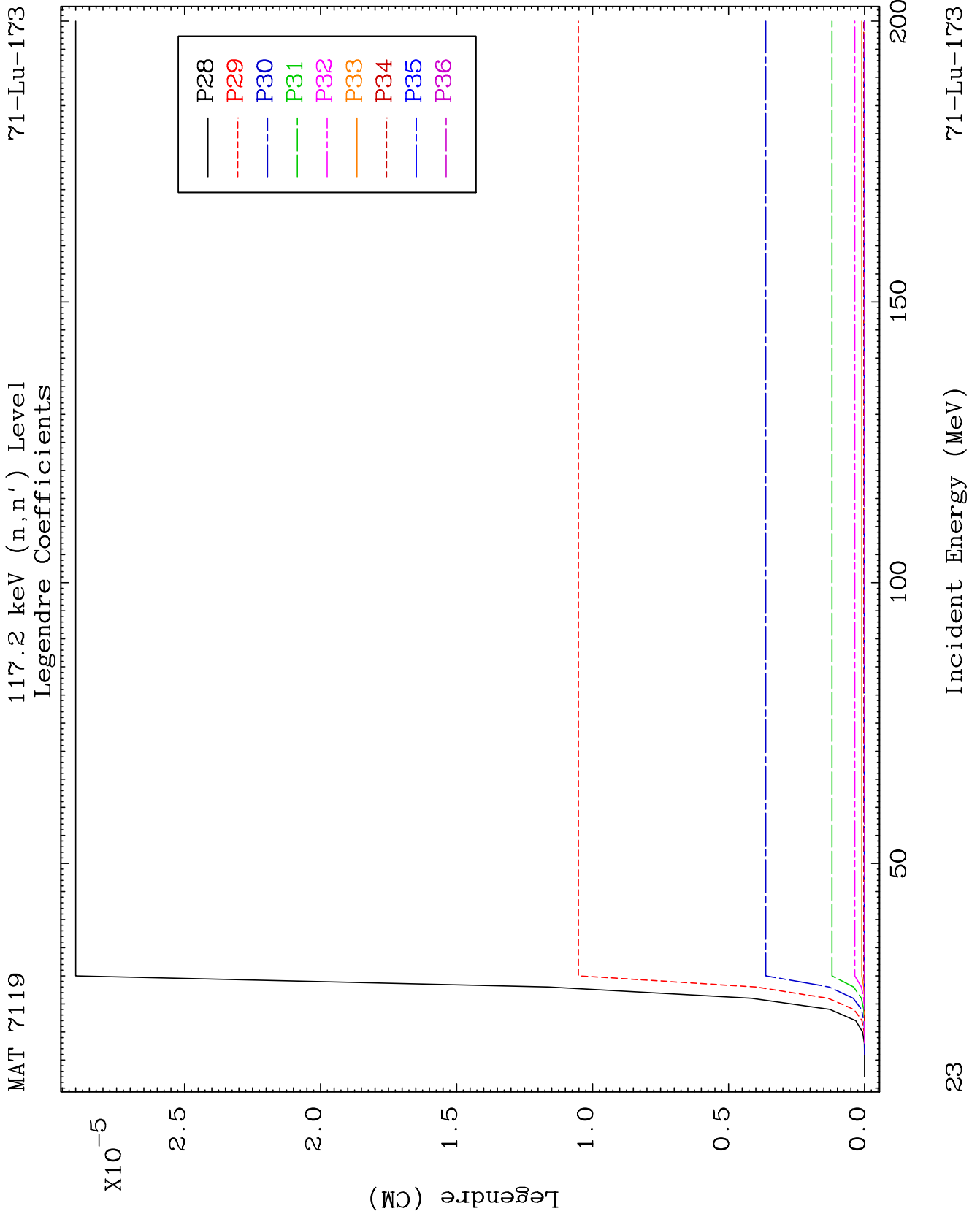
Incident Energy (MeV)

71-Lu-173







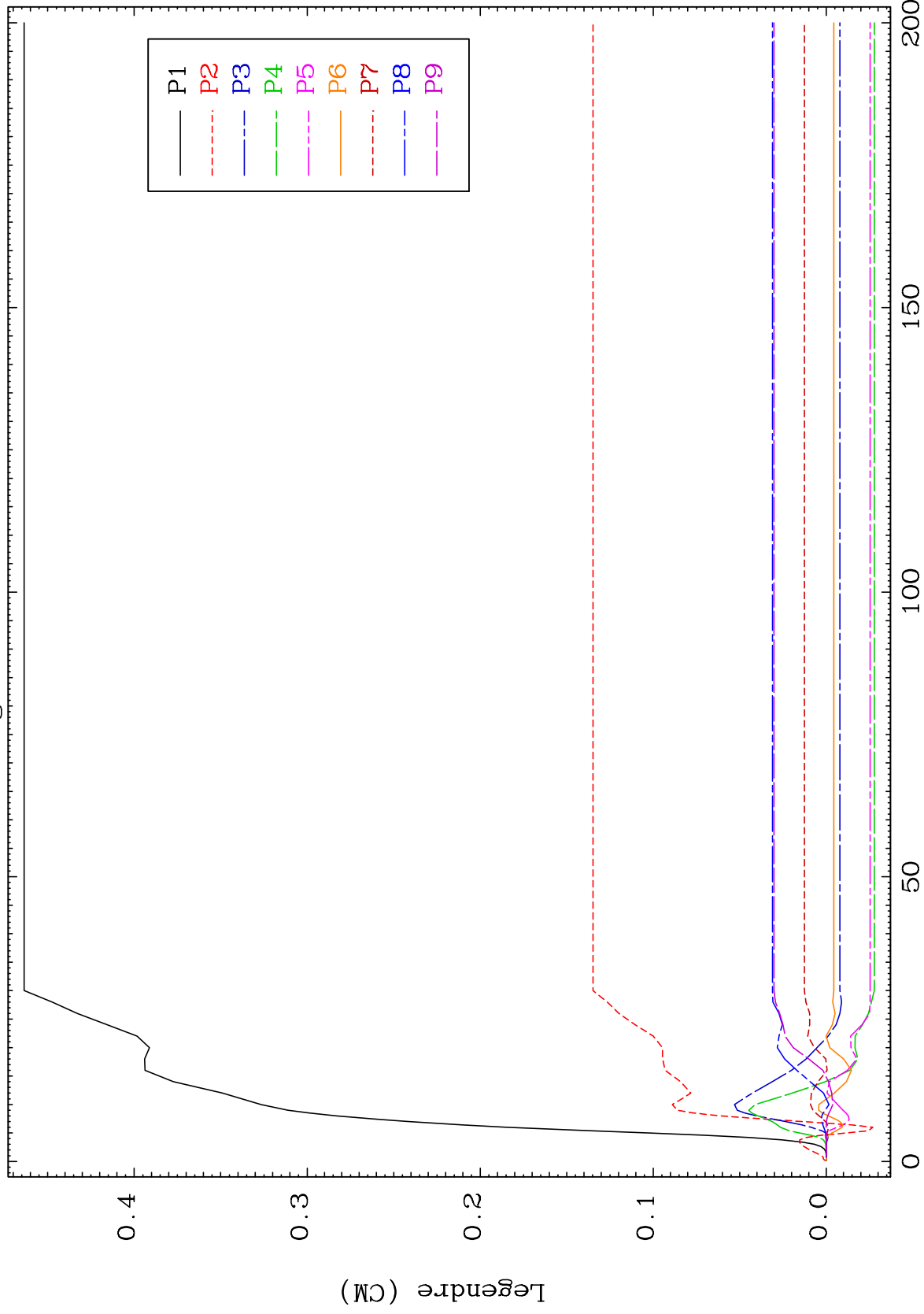




MAT 7119

123.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



24

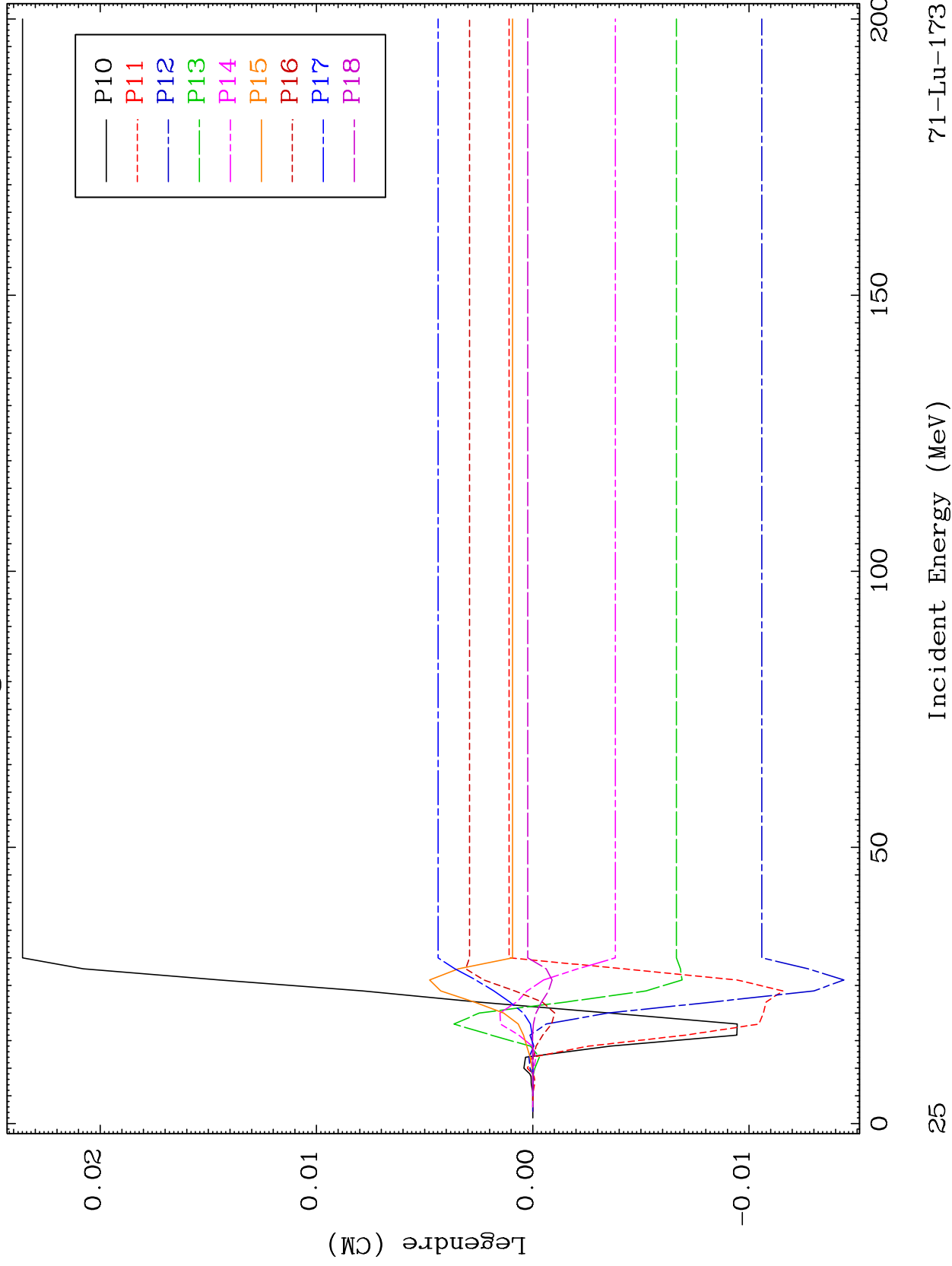
Incident Energy (MeV)

71-Lu-173

MAT 7119

123.7 keV (n,n') Level  
Legendre Coefficients

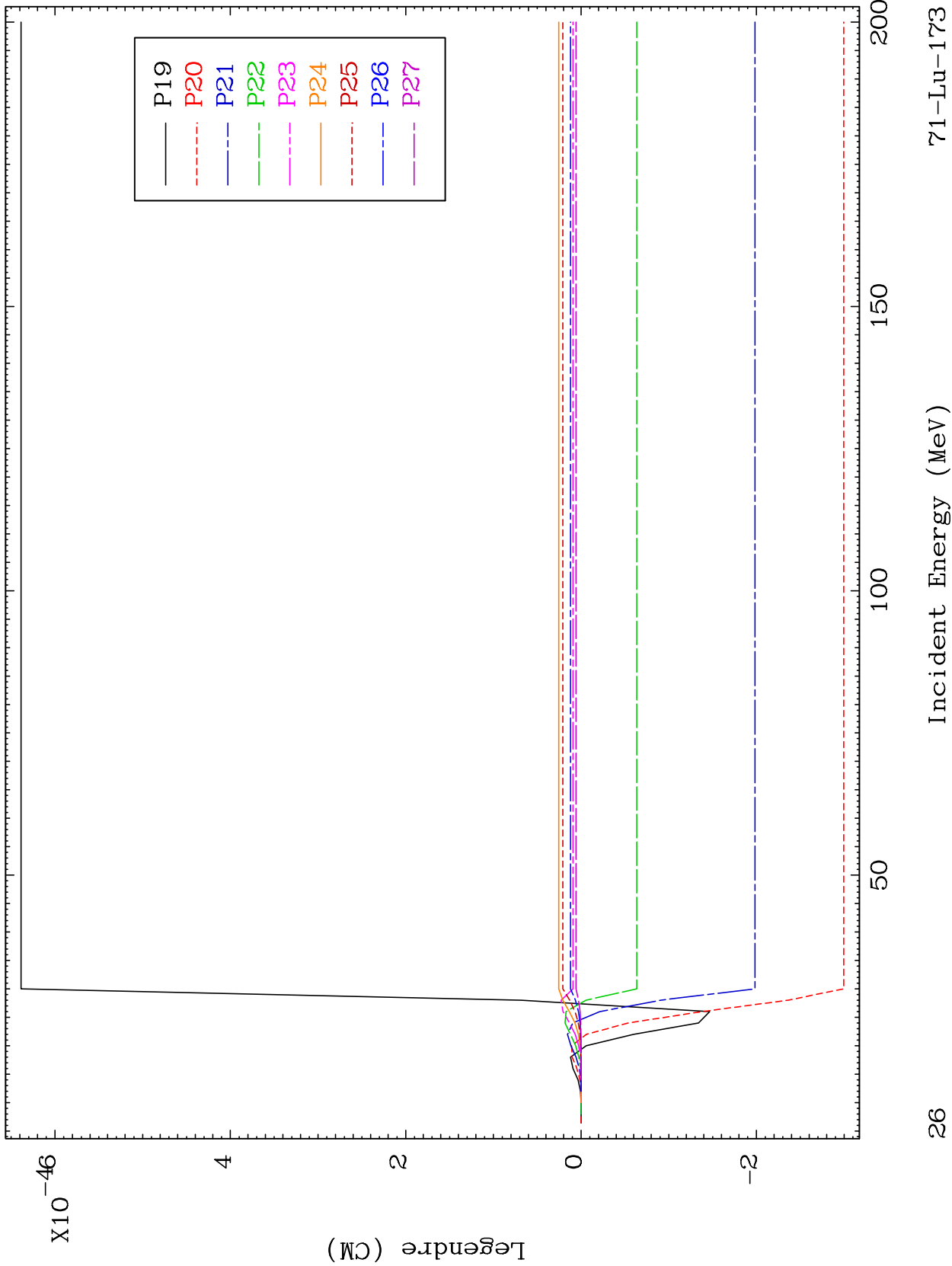
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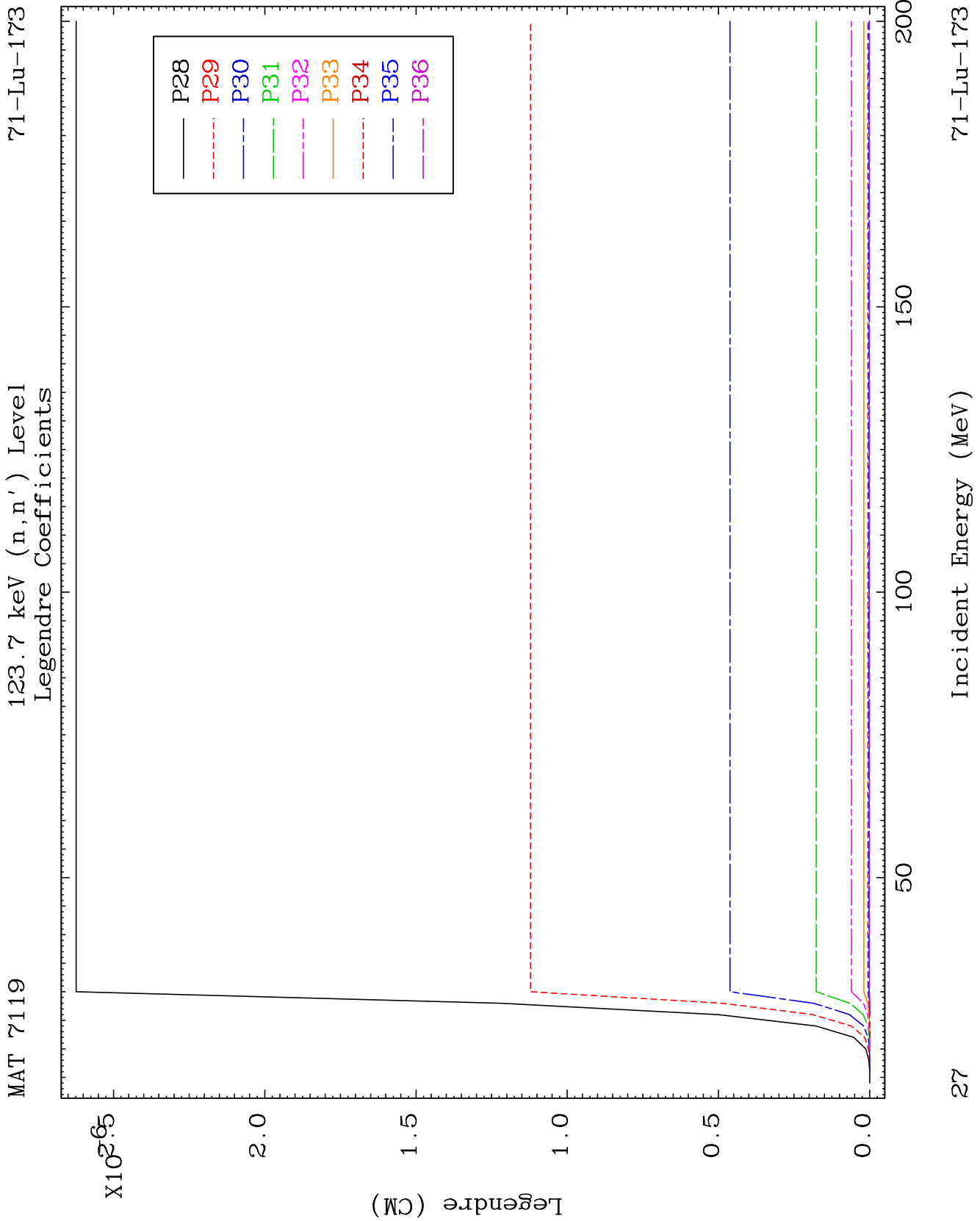


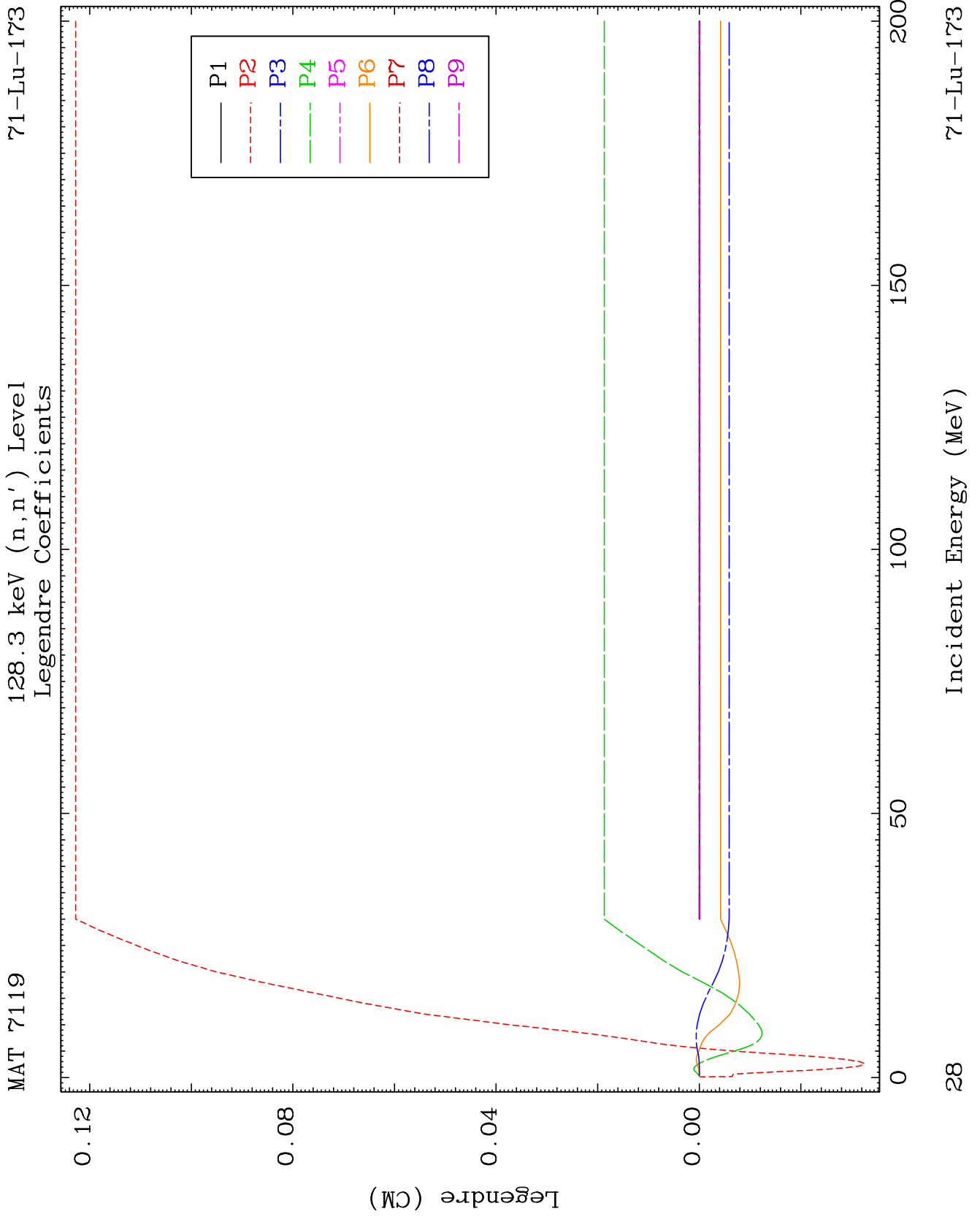
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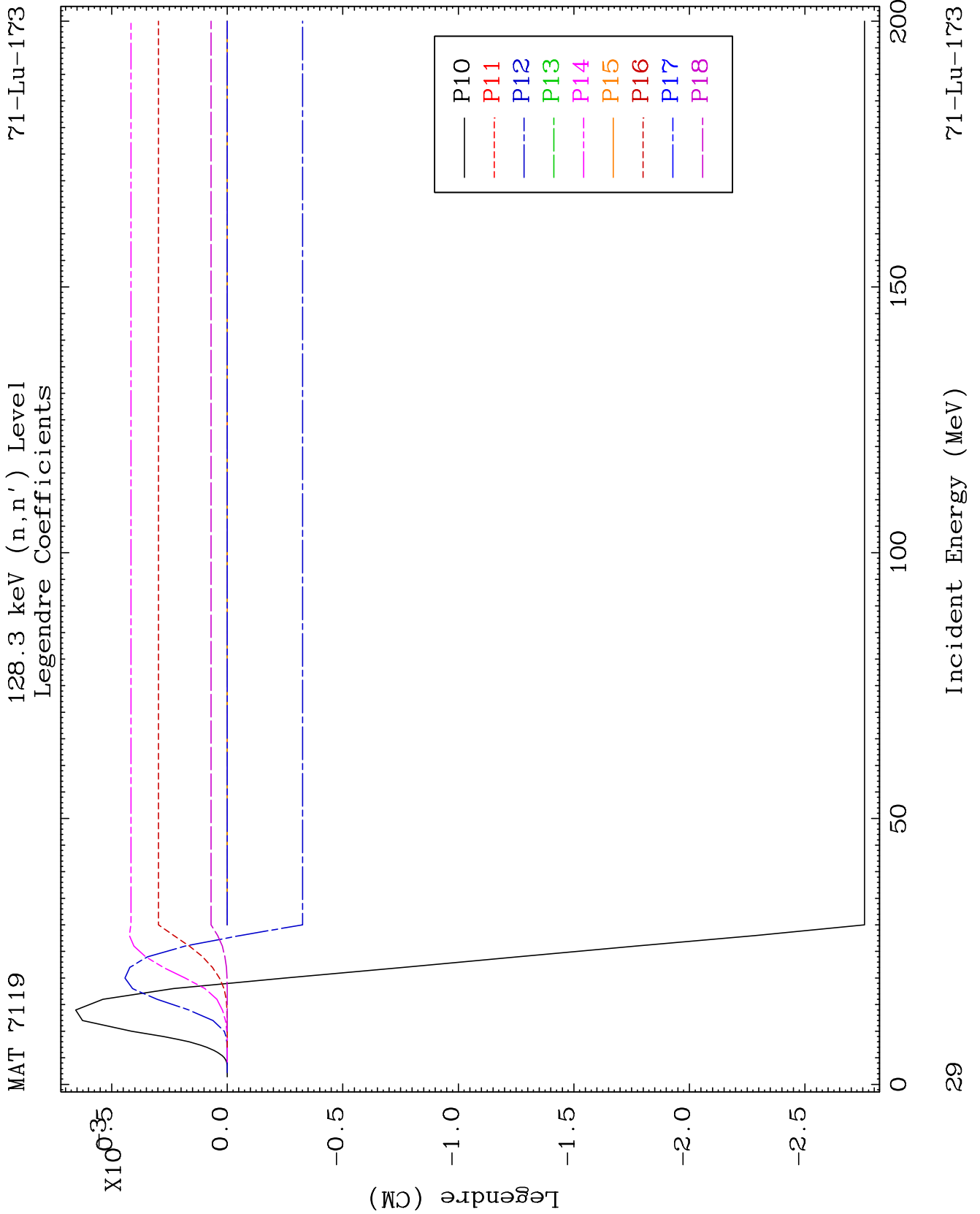
Incident Energy (MeV)

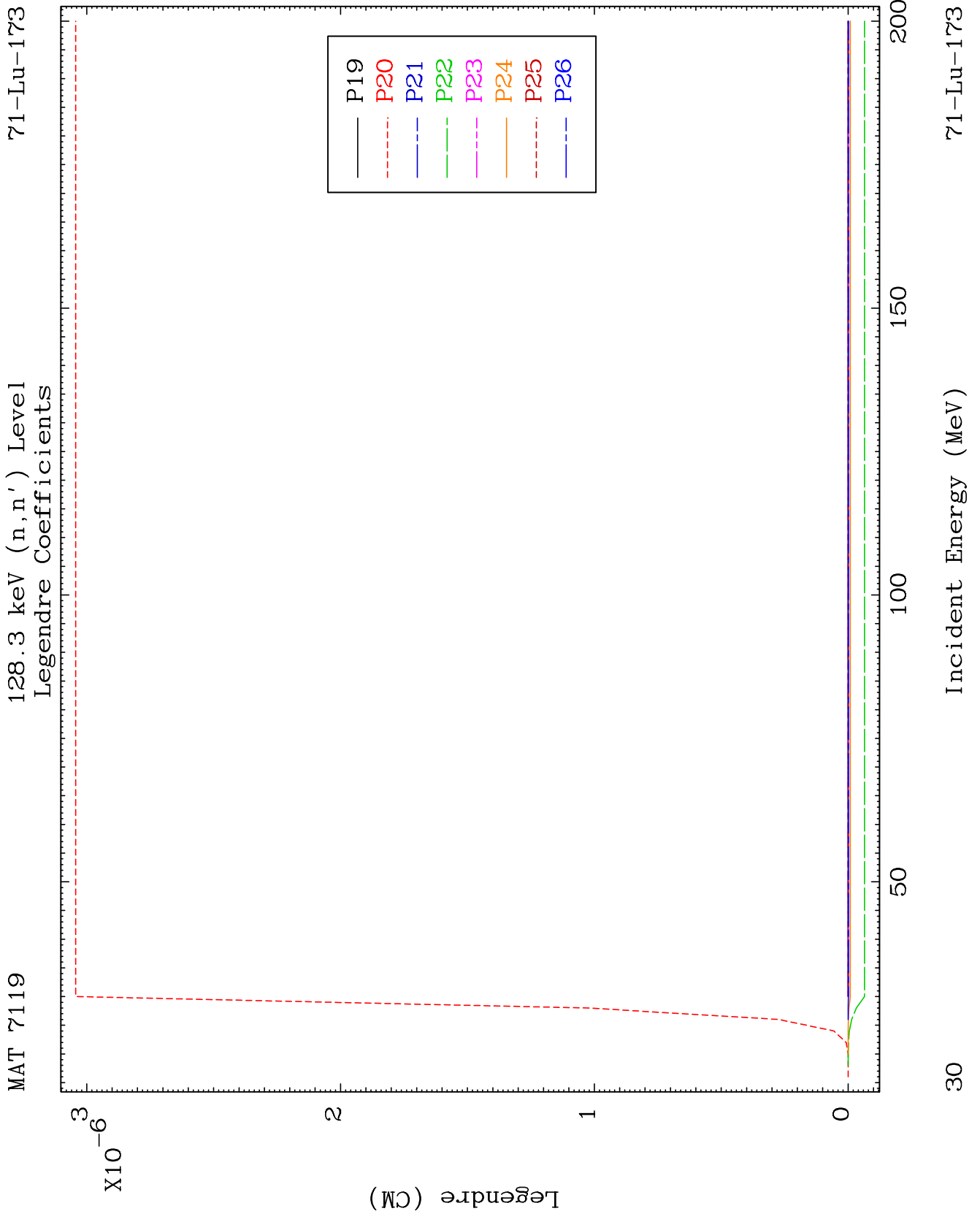
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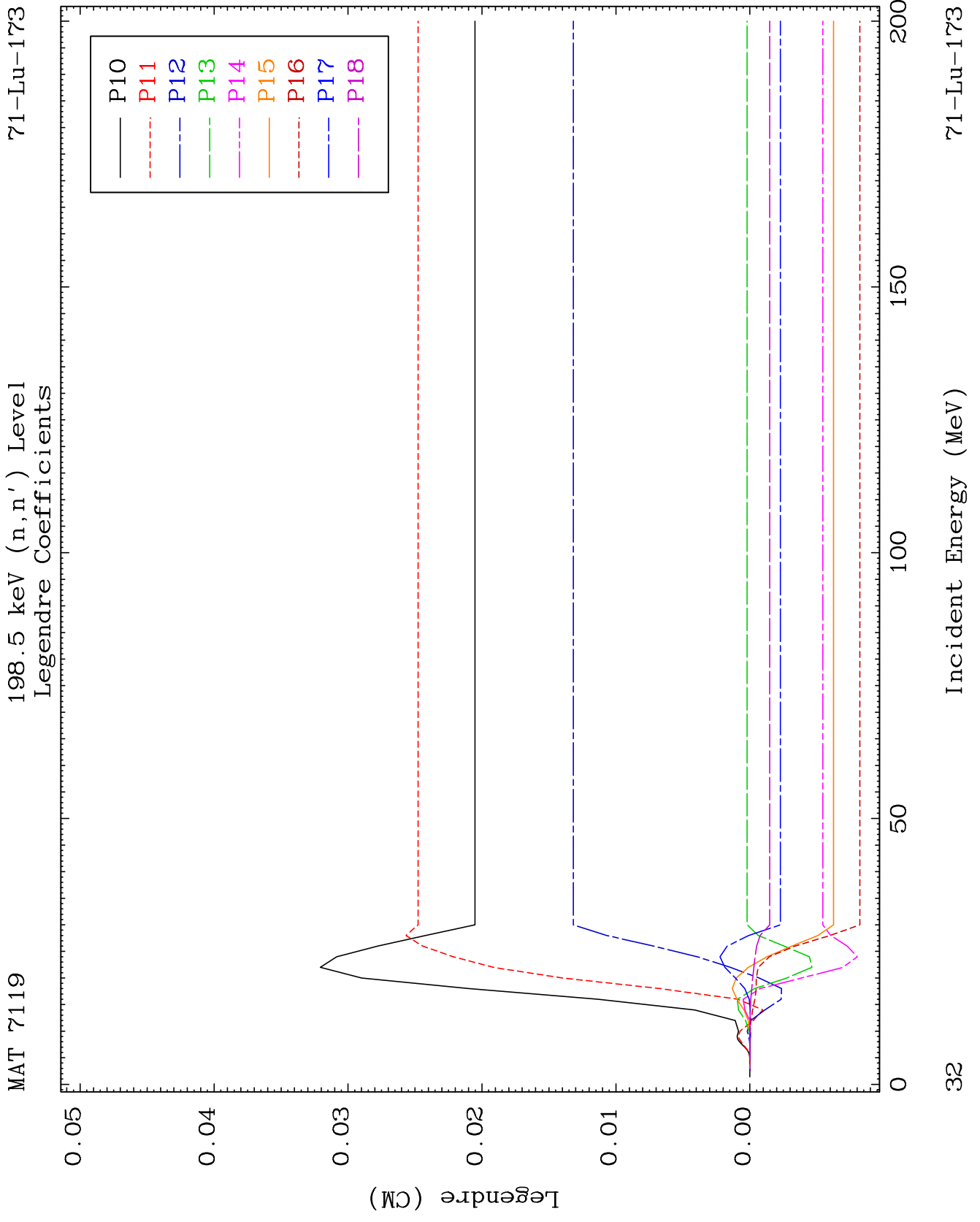


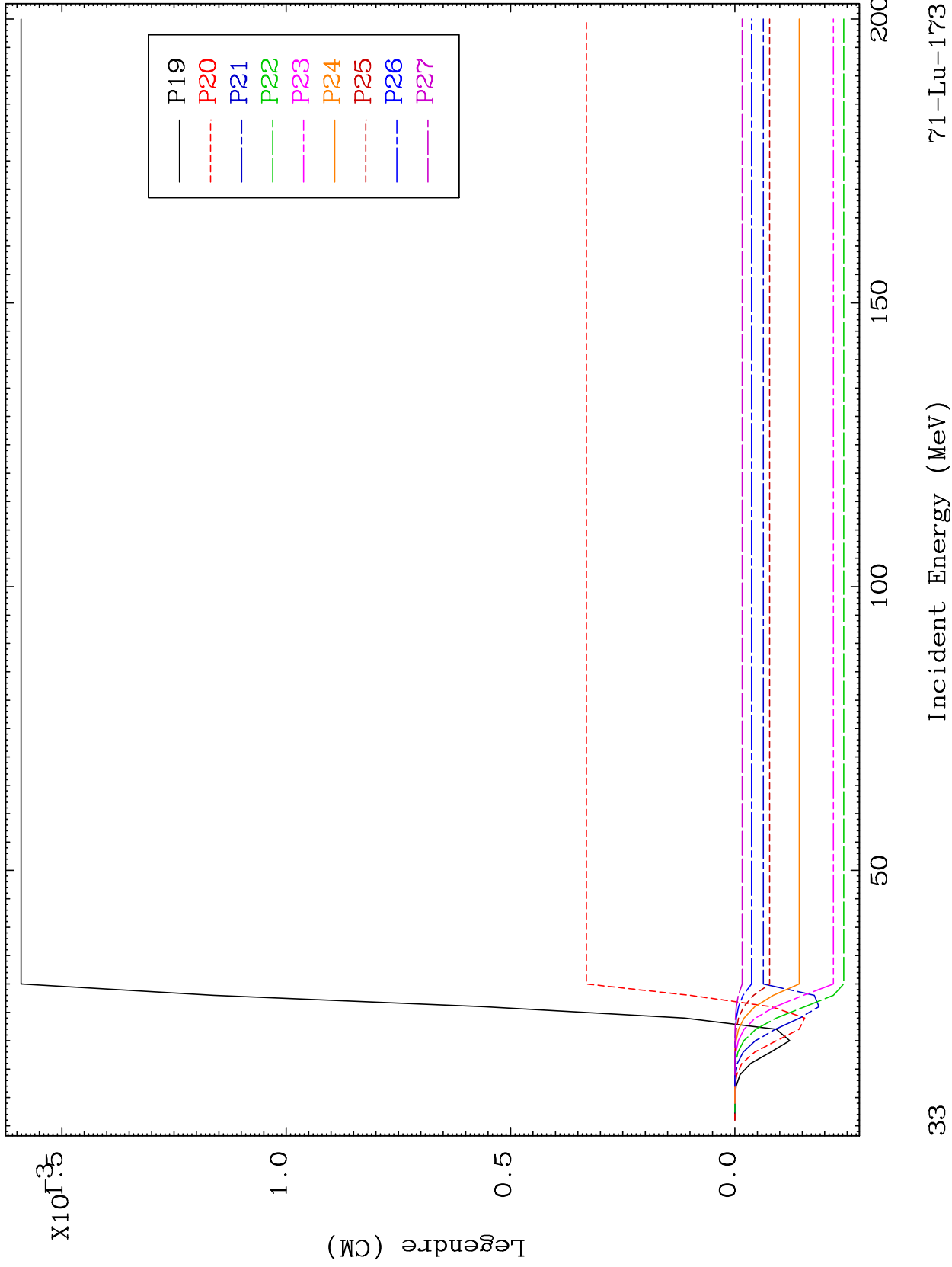


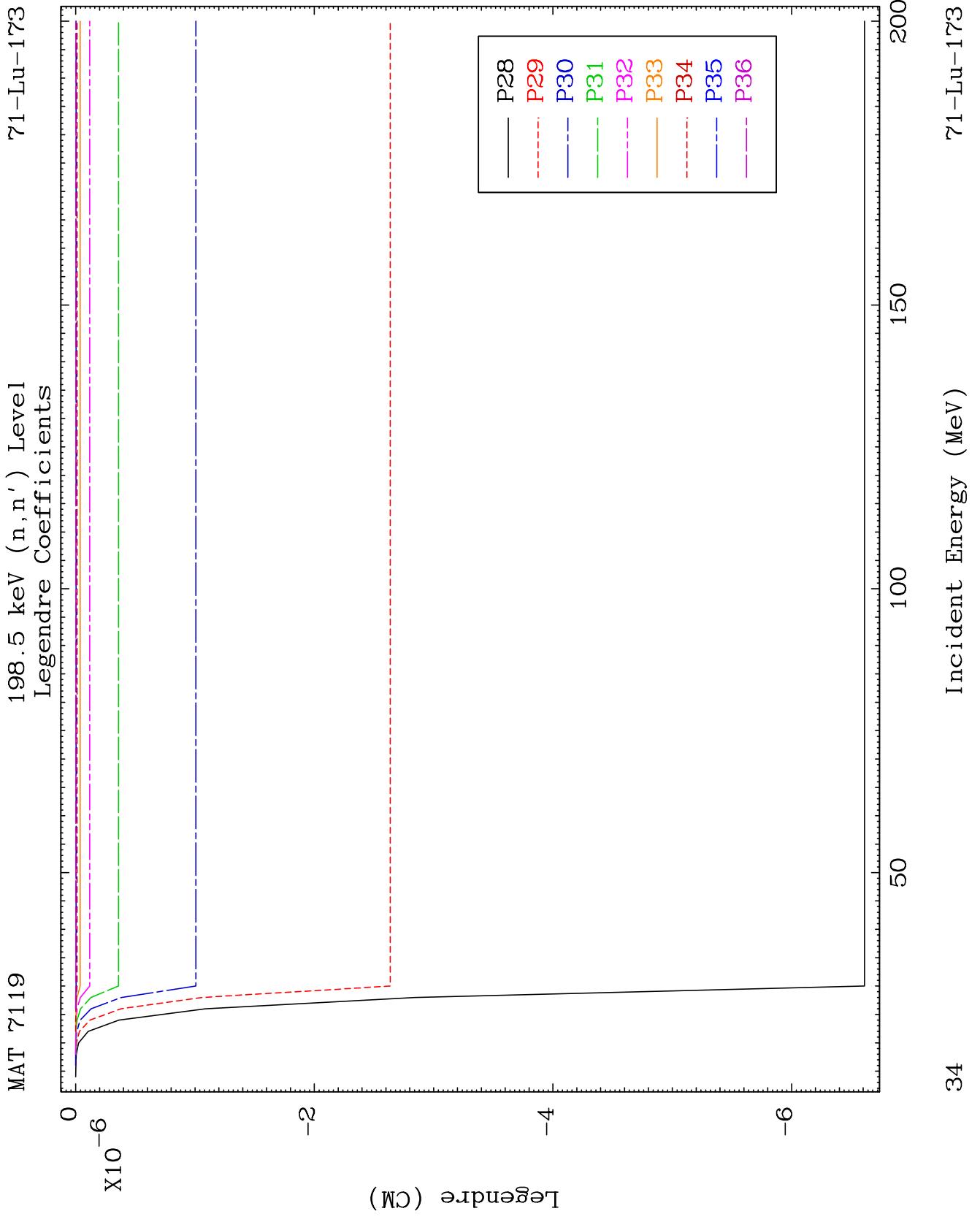


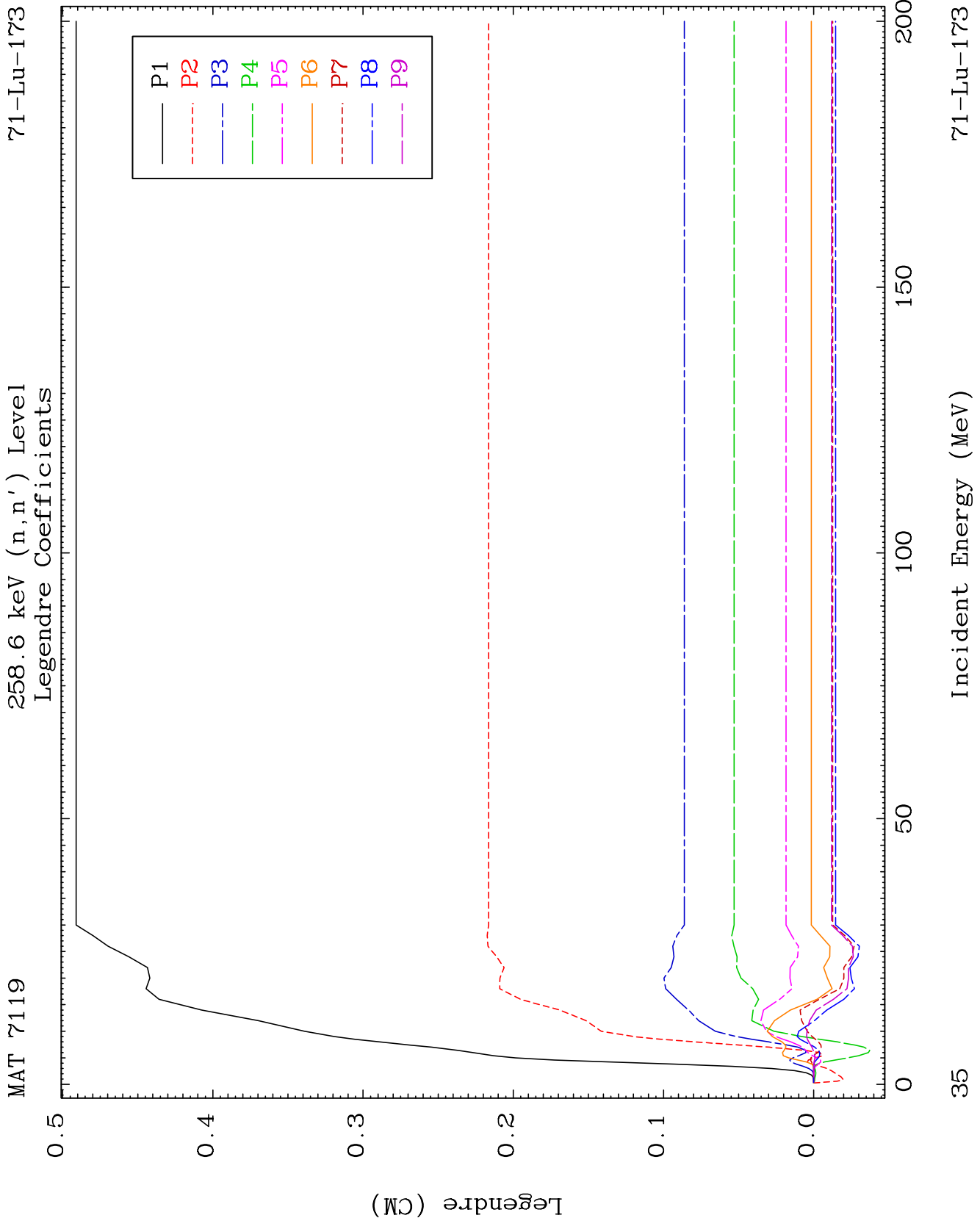








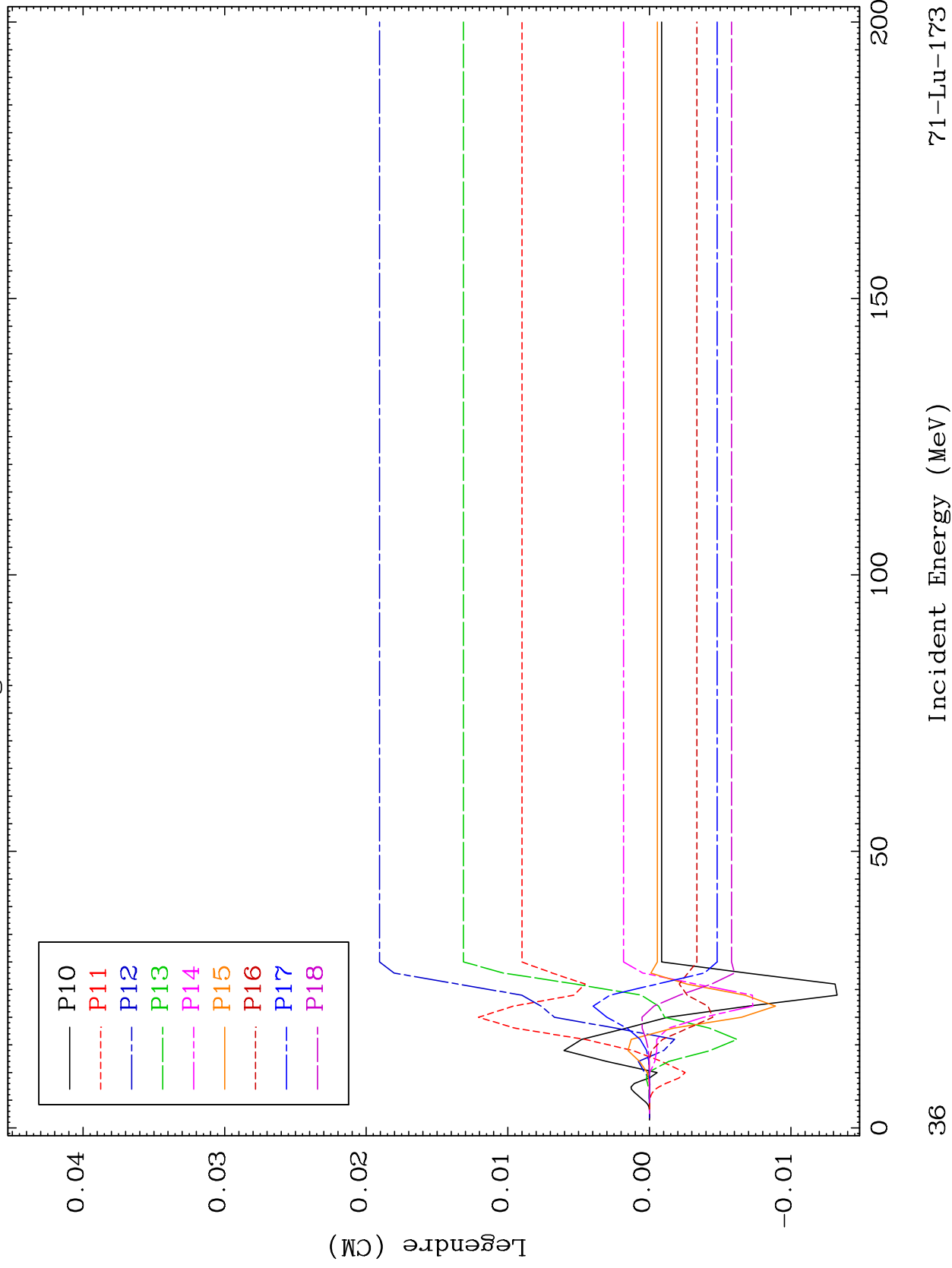




MAT 7119

258.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



71-Lu-173

Incident Energy (MeV)

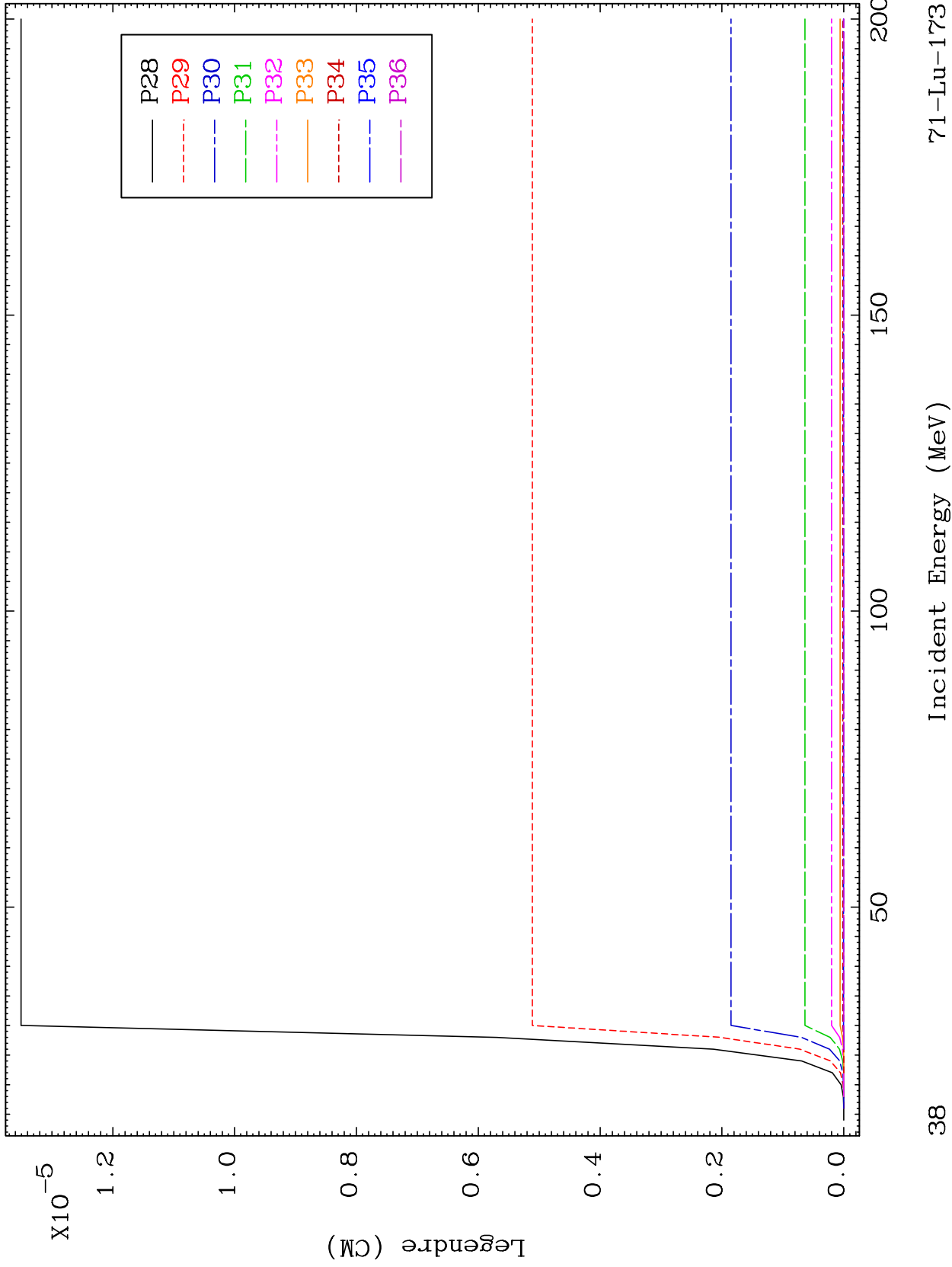
36



MAT 7119

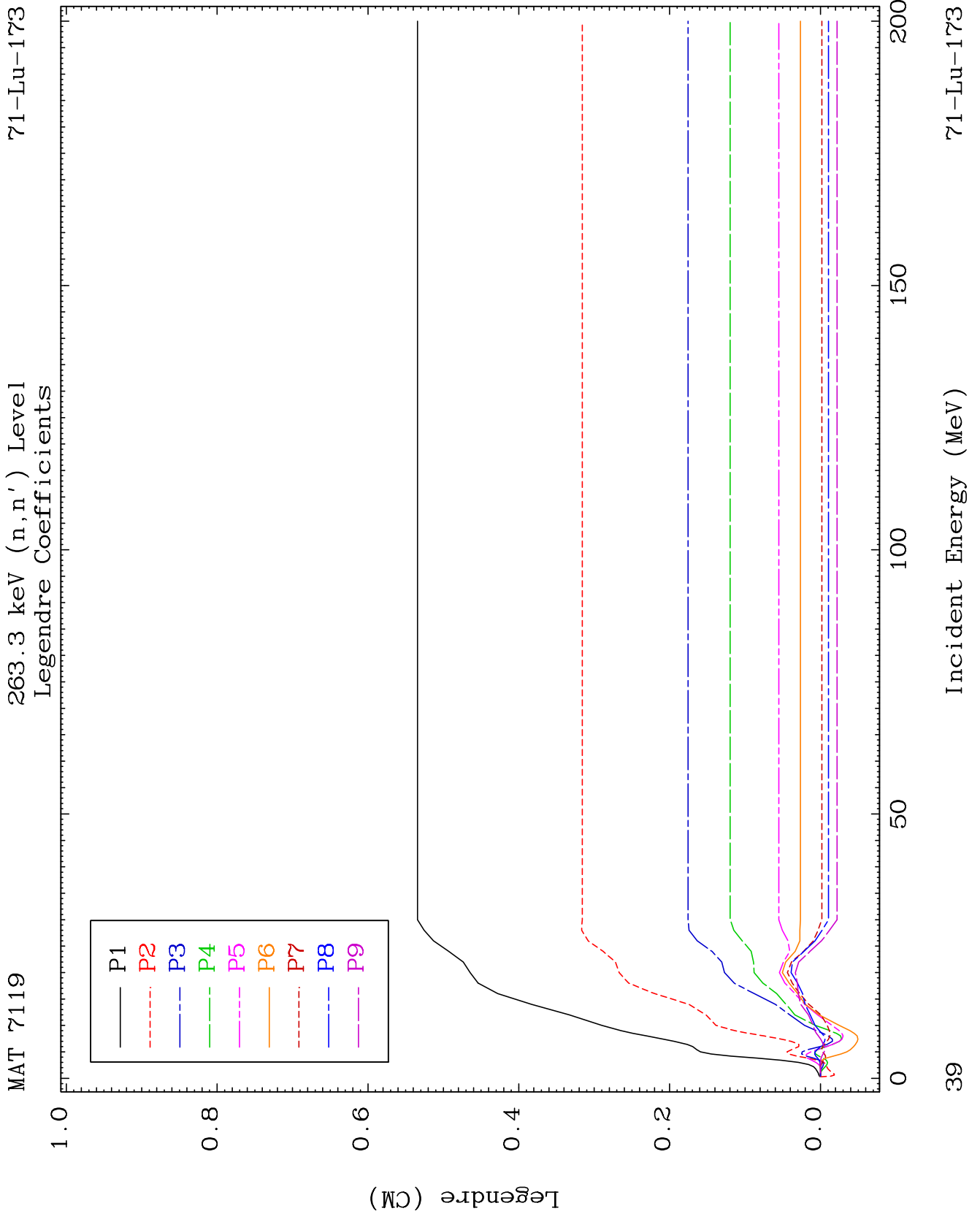
258.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-173

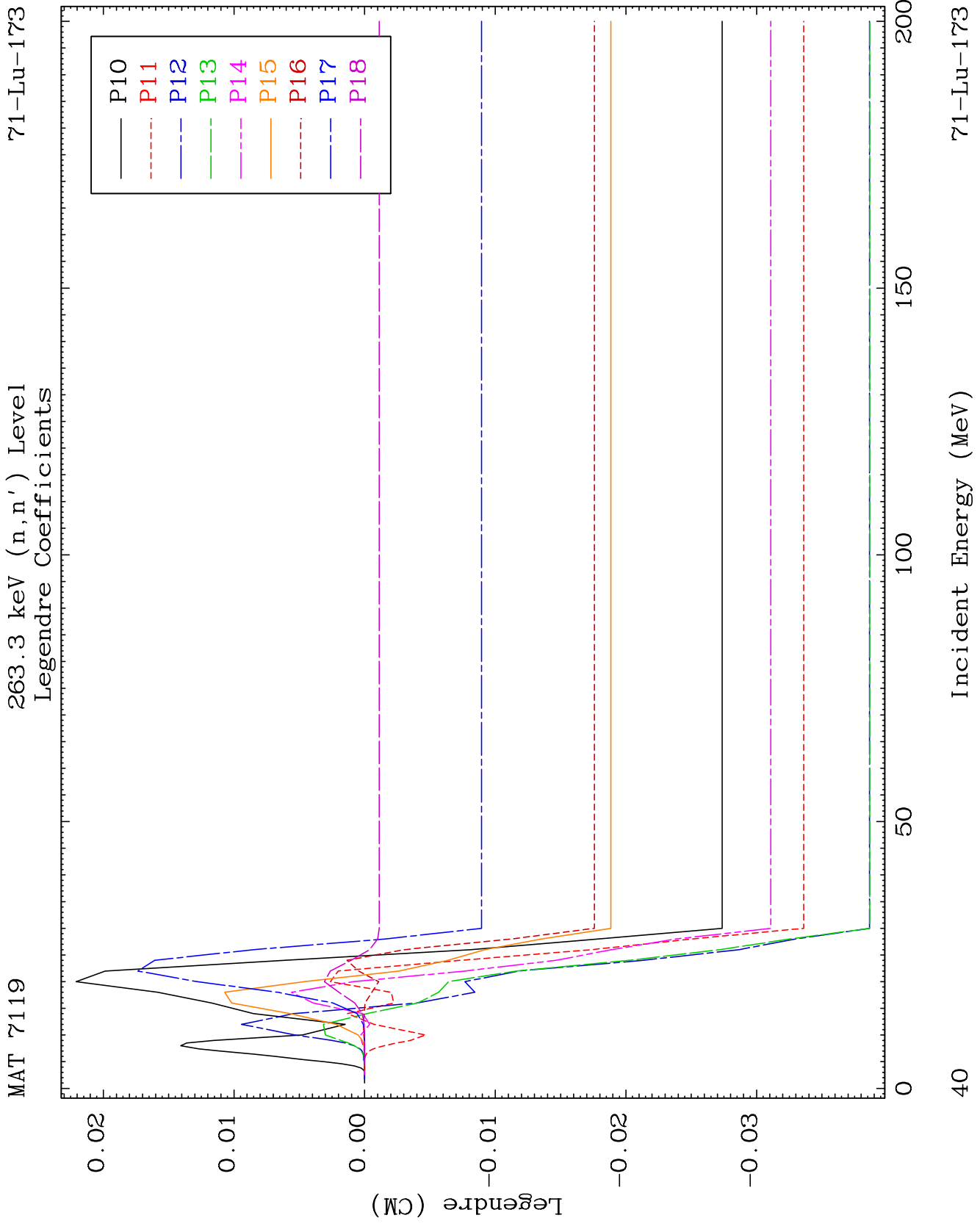


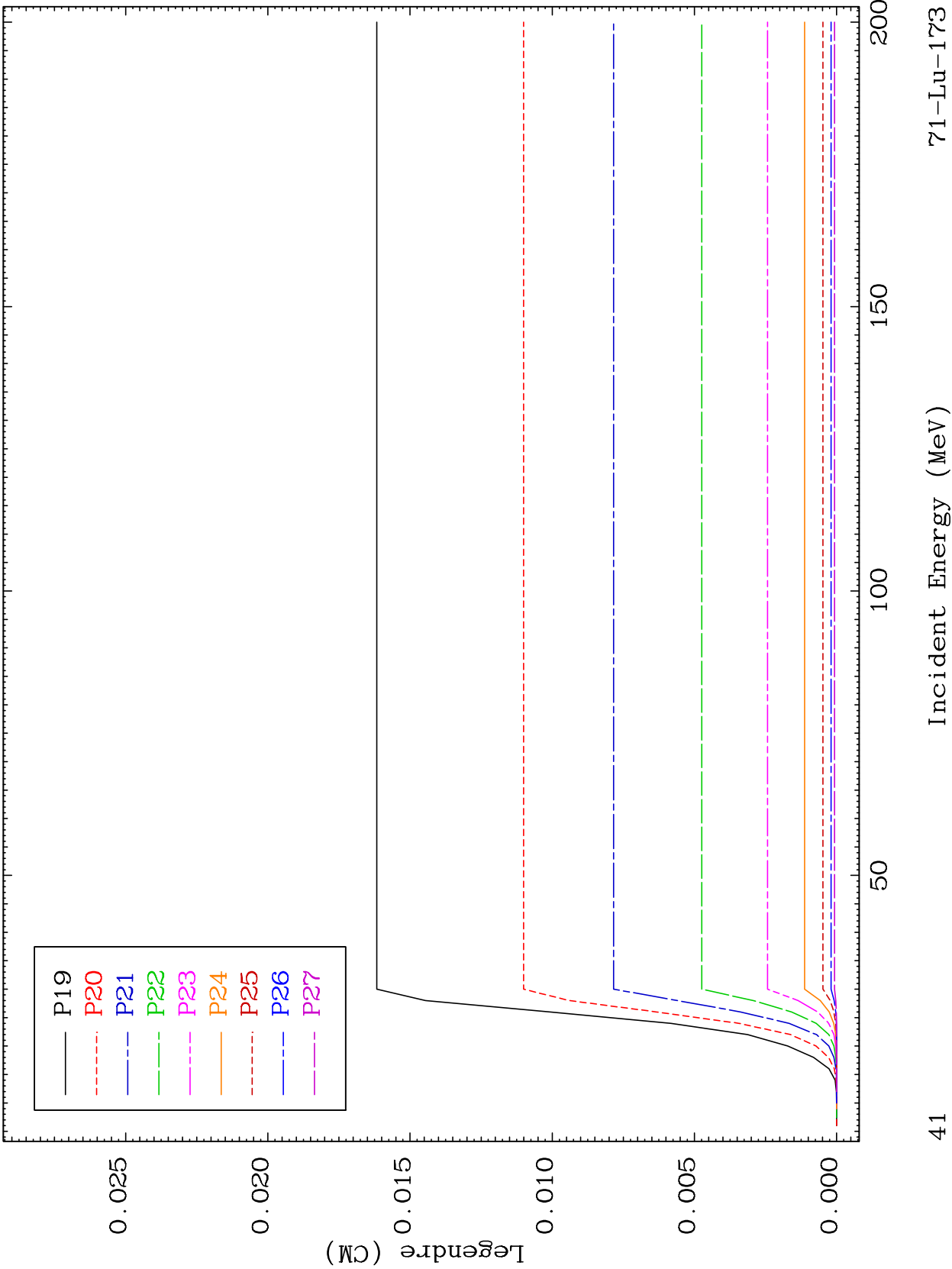
38

71-Lu-173





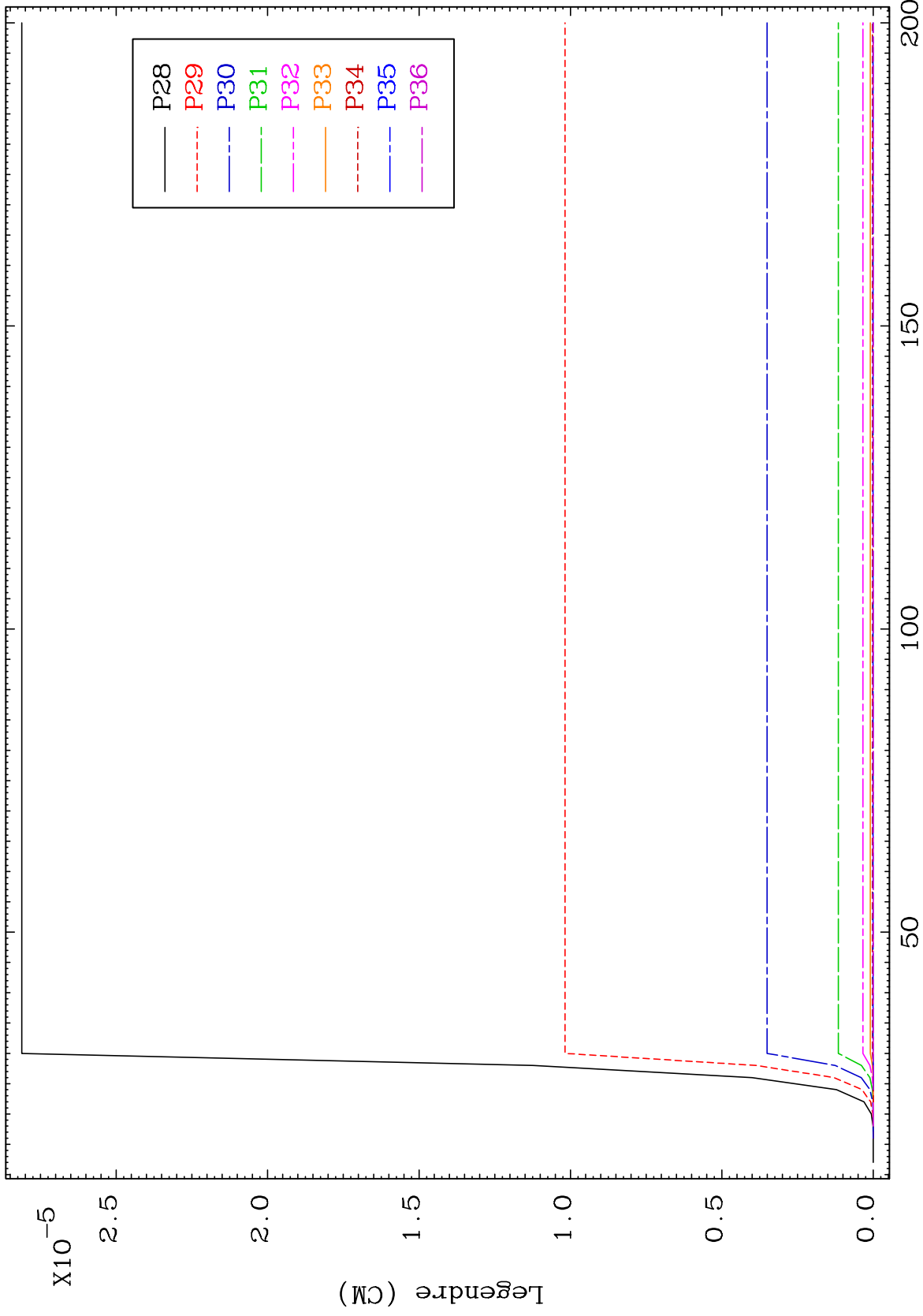




MAT 7119

263.3 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



42

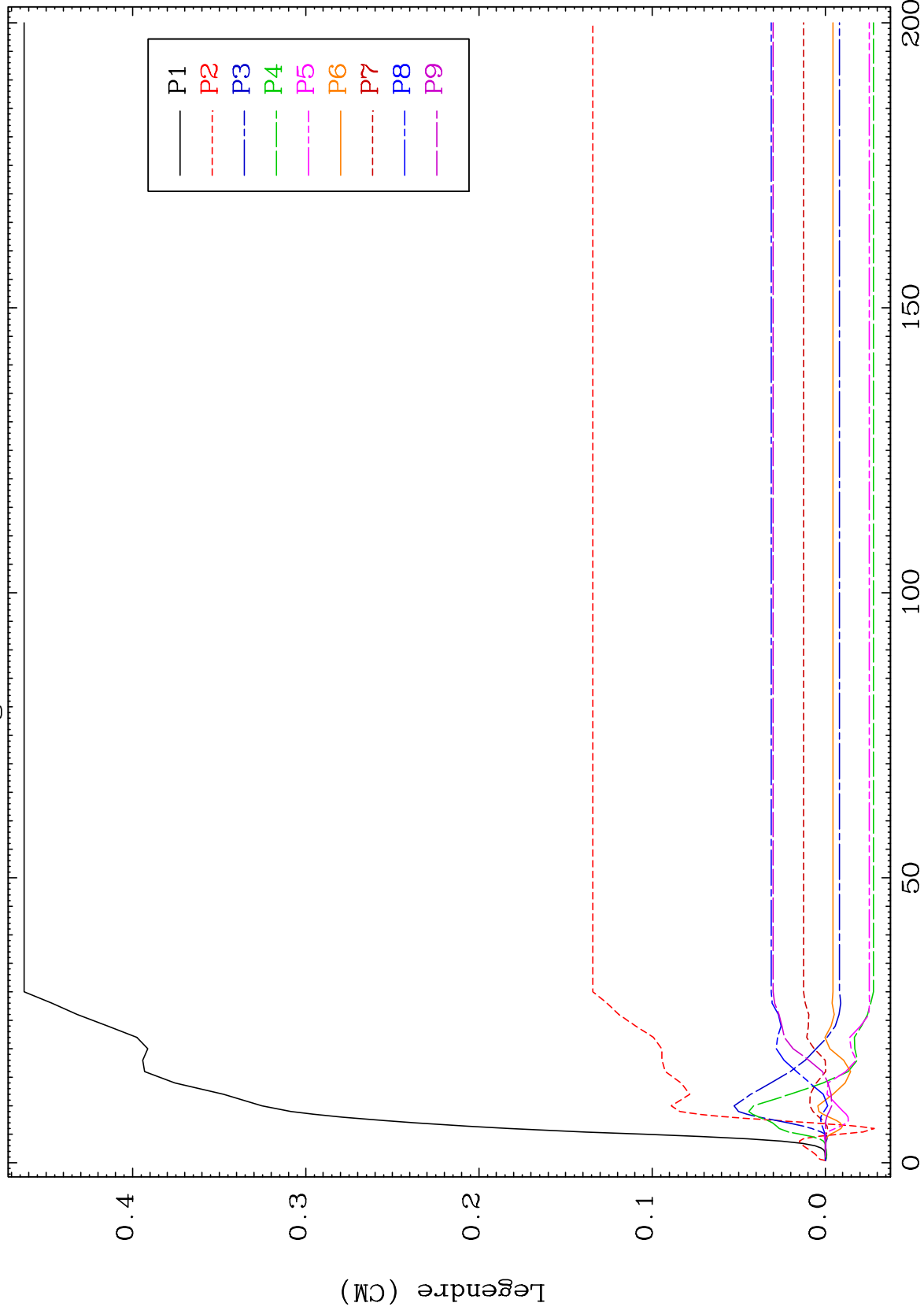
Incident Energy (MeV)

71-Lu-173

MAT 7119

357.0 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



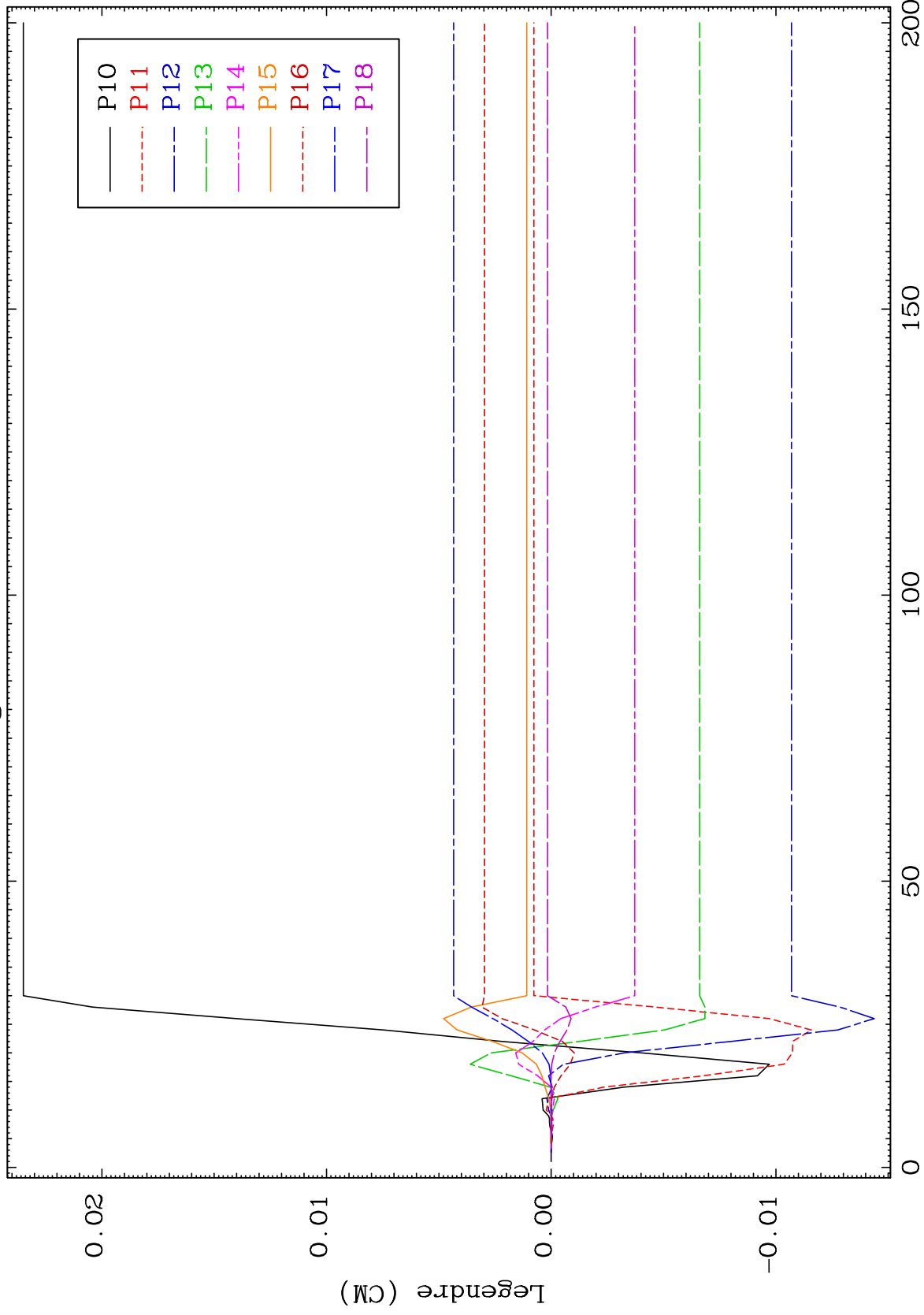
43

71-Lu-173

MAT 7119

357.0 keV (n,n') Level  
Legendre Coefficients

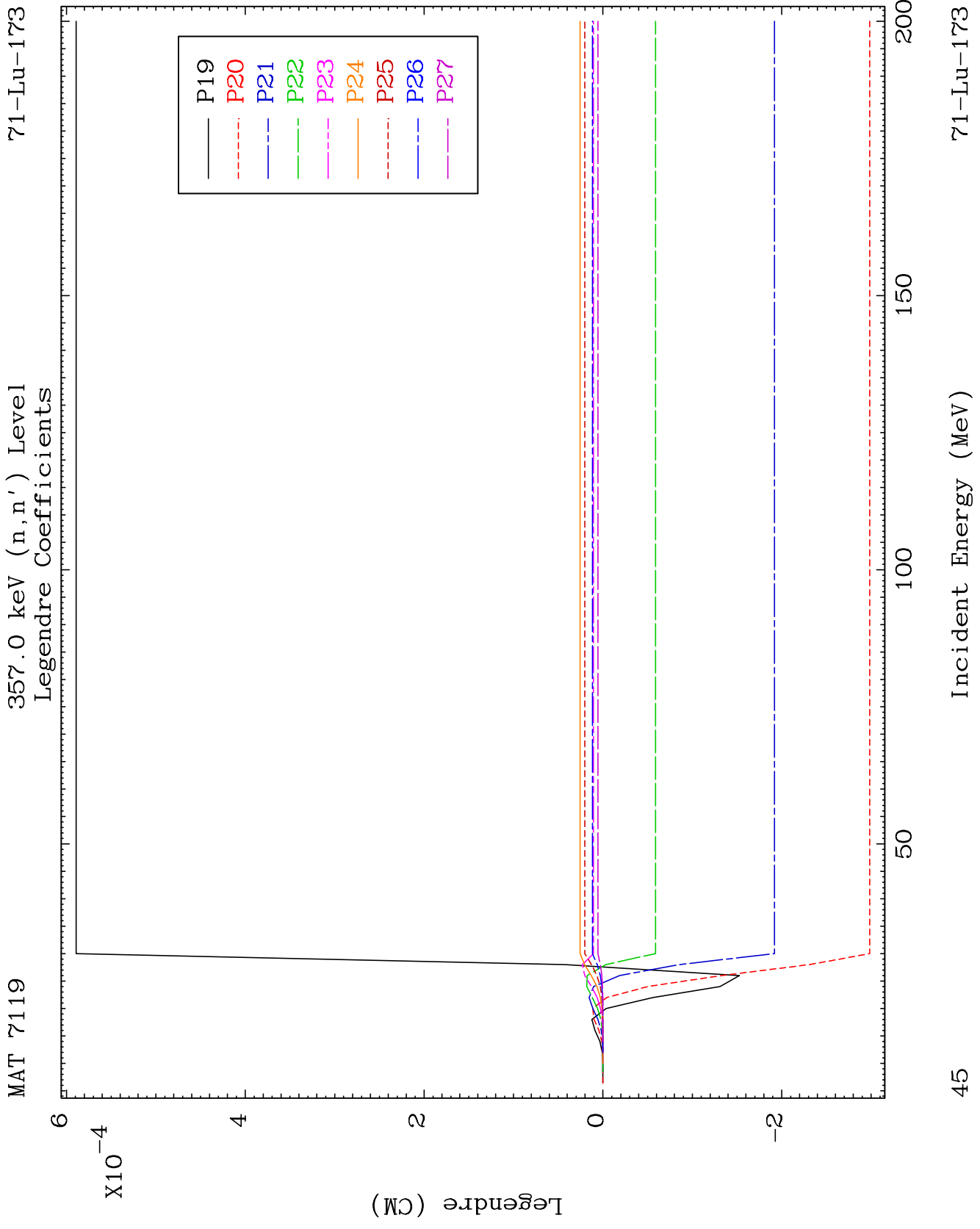
71-Lu-173



44

Incident Energy (MeV)

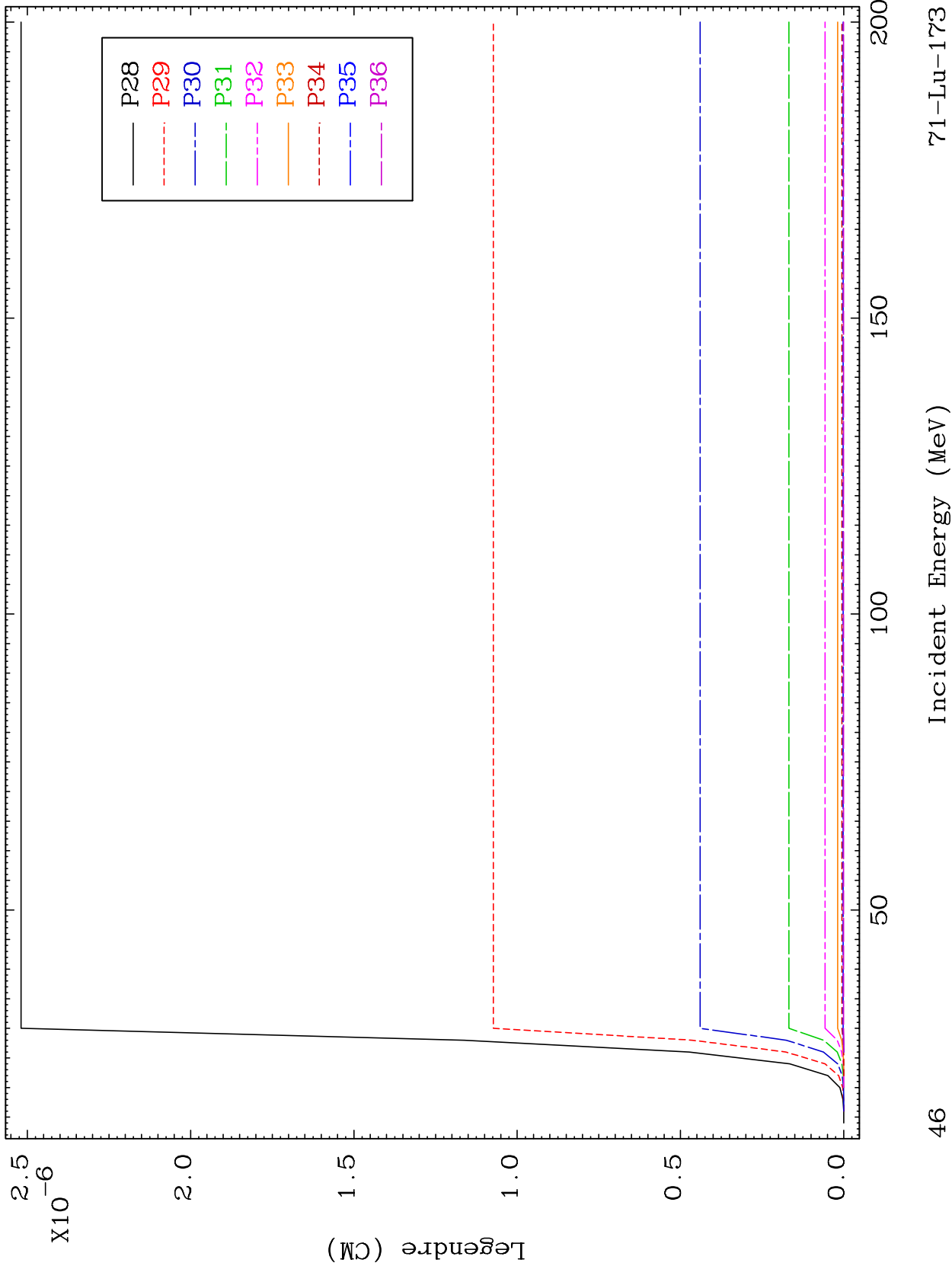
71-Lu-173



MAT 7119

357.0 keV (n, n') Level  
Legendre Coefficients

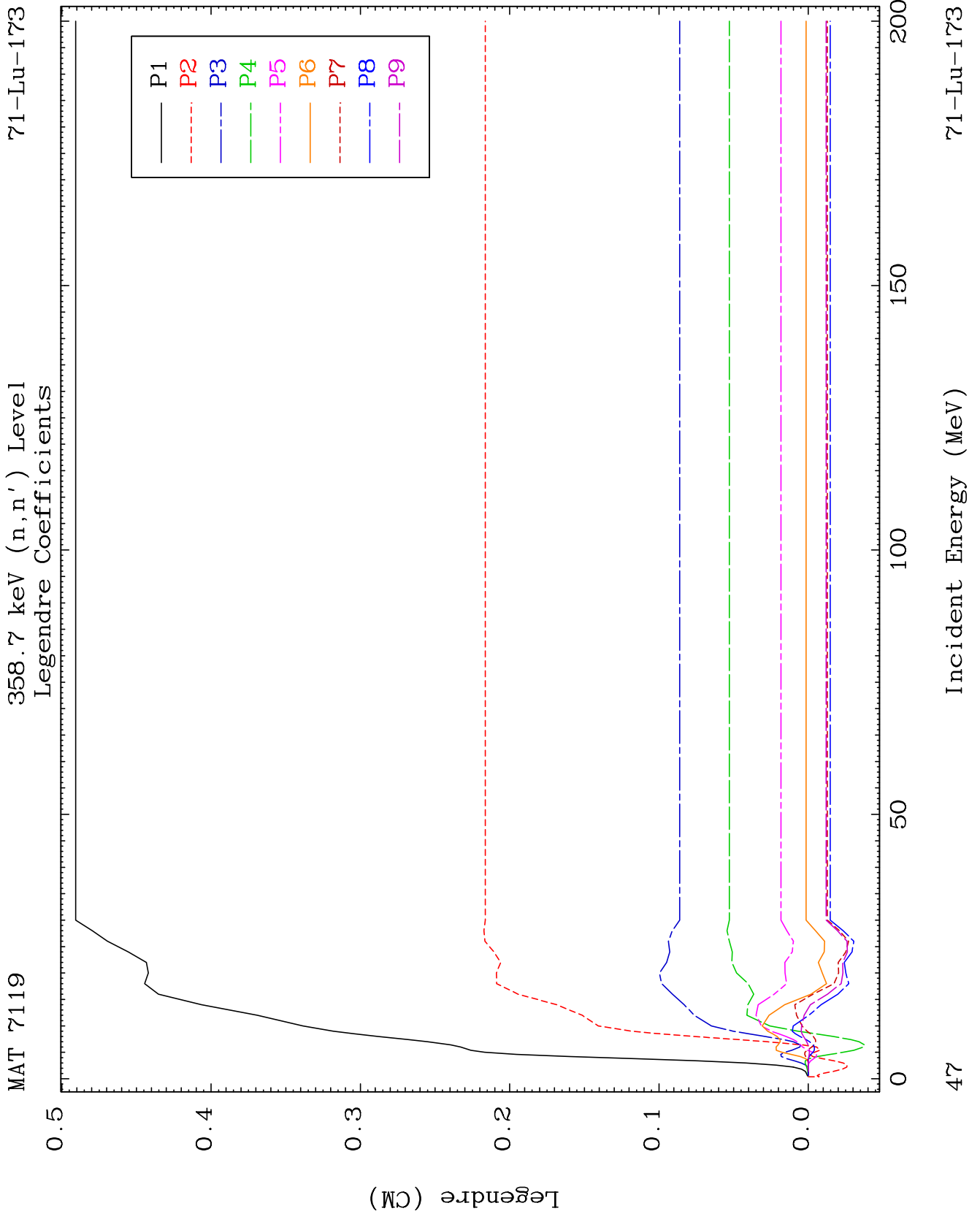
71-Lu-173



46

Incident Energy (MeV)

71-Lu-173

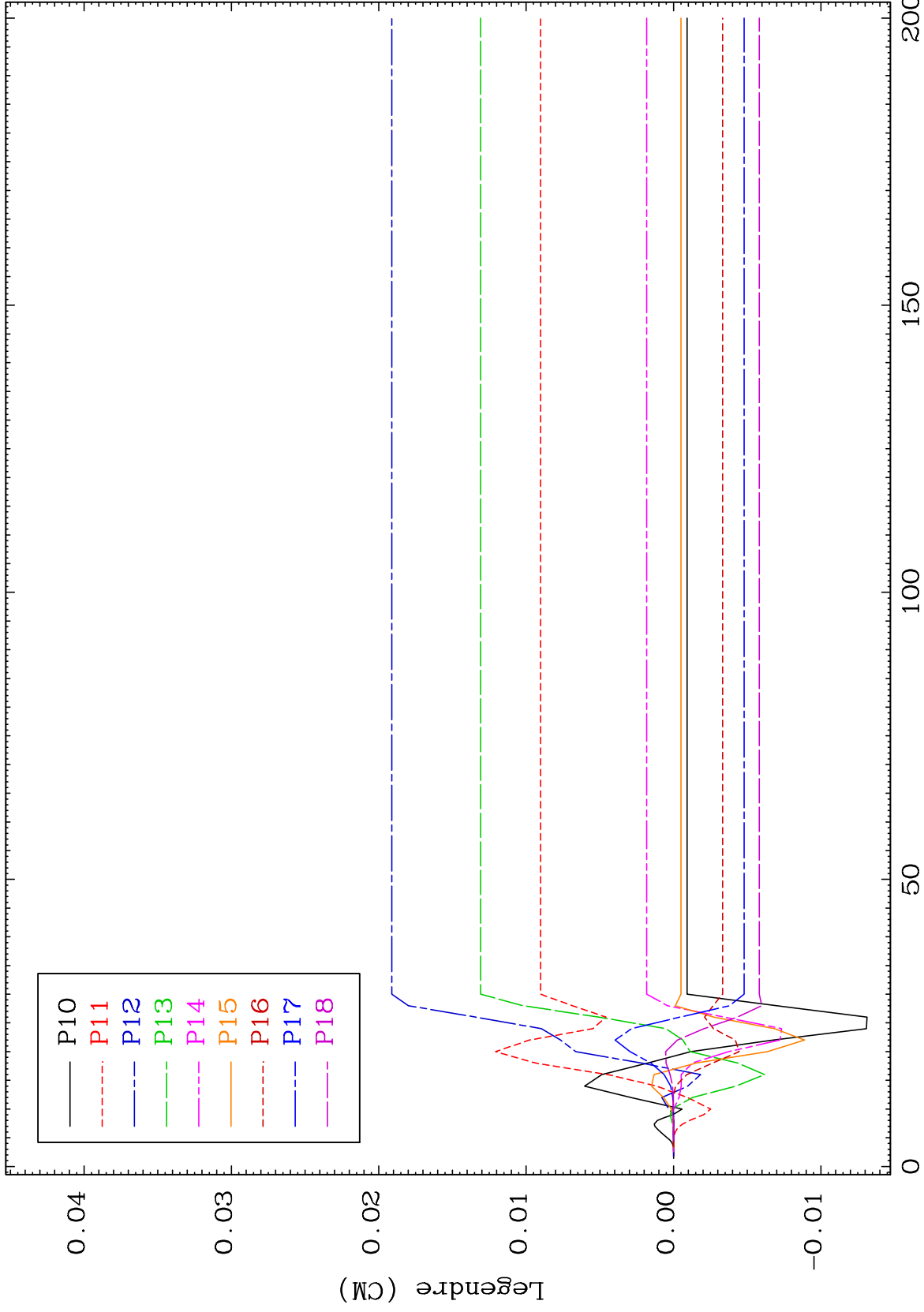




MAT 7119

358.7 keV (n,n') Level  
Legendre Coefficients

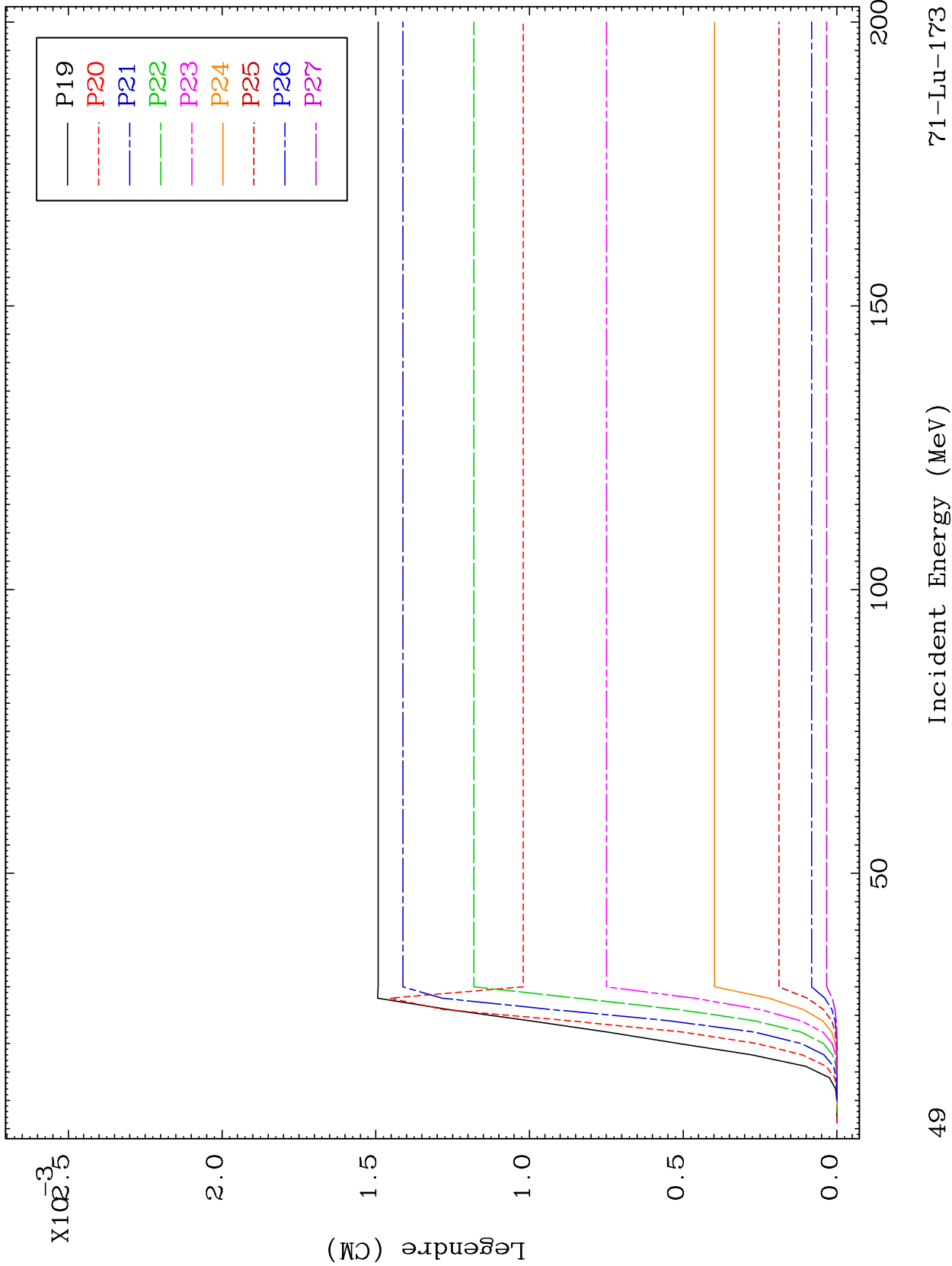
71-Lu-173



48

Incident Energy (MeV)

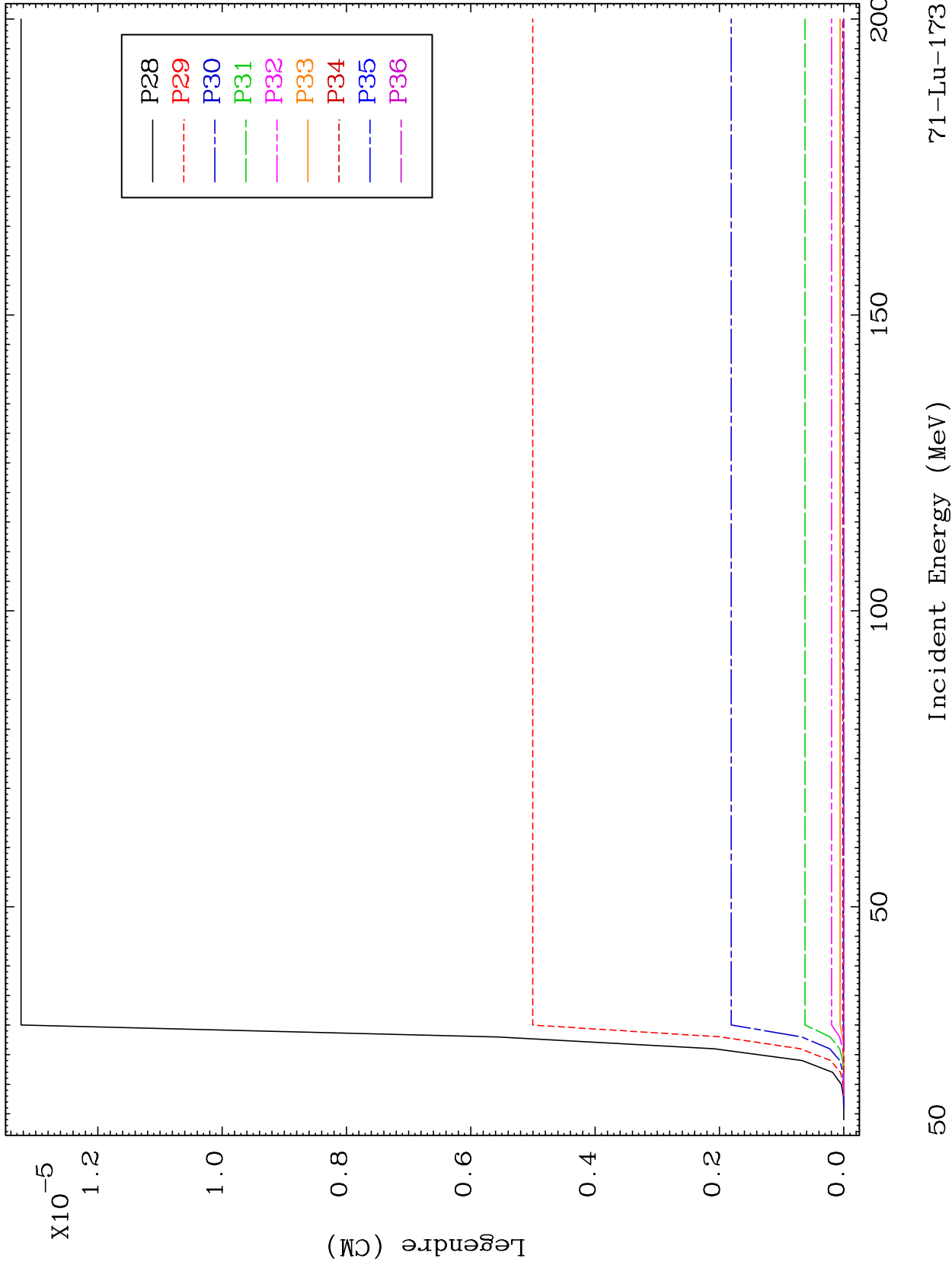
71-Lu-173



MAT 7119

358.7 keV (n,n') Level  
Legendre Coefficients

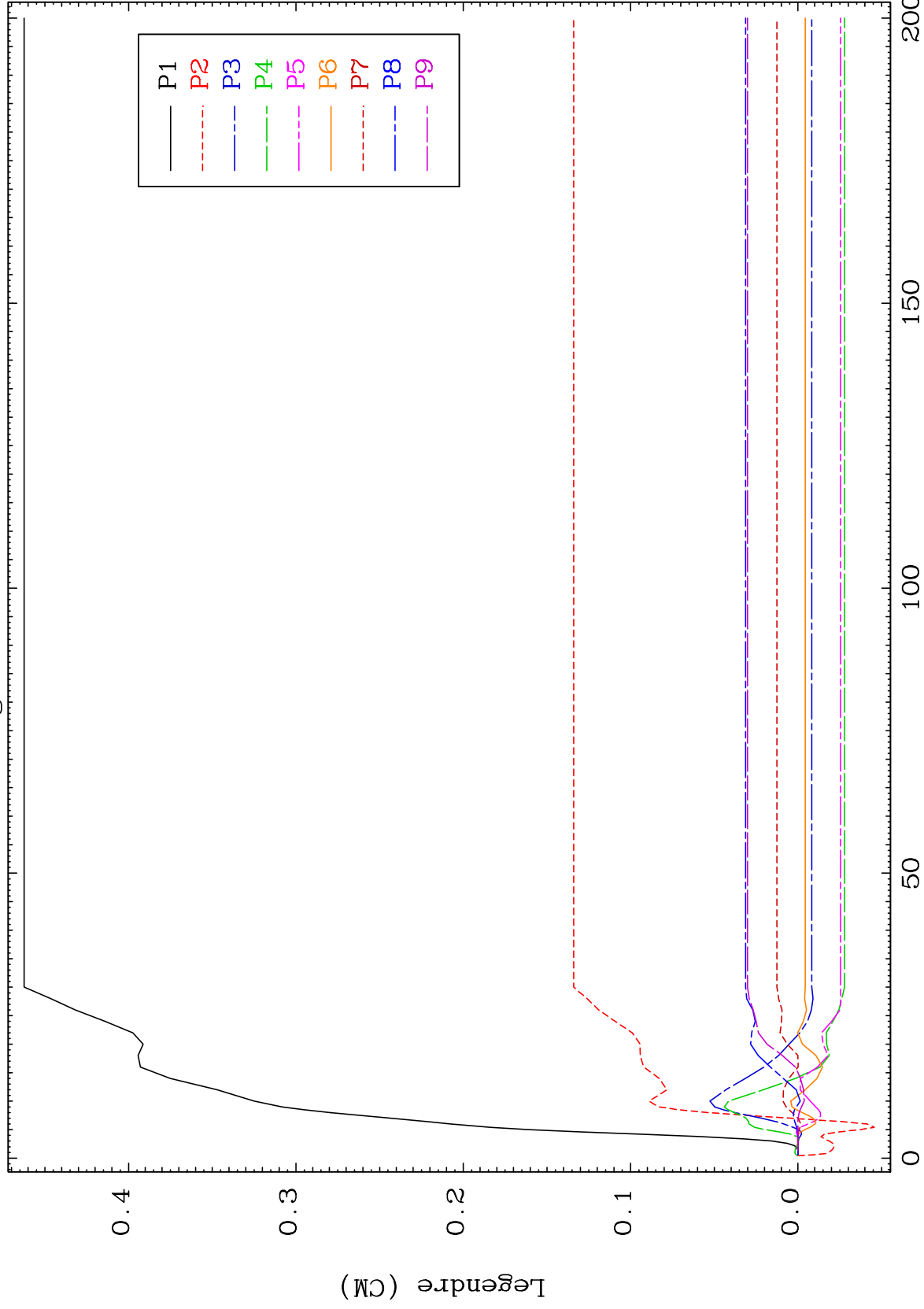
71-Lu-173



MAT 7119

423.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



51

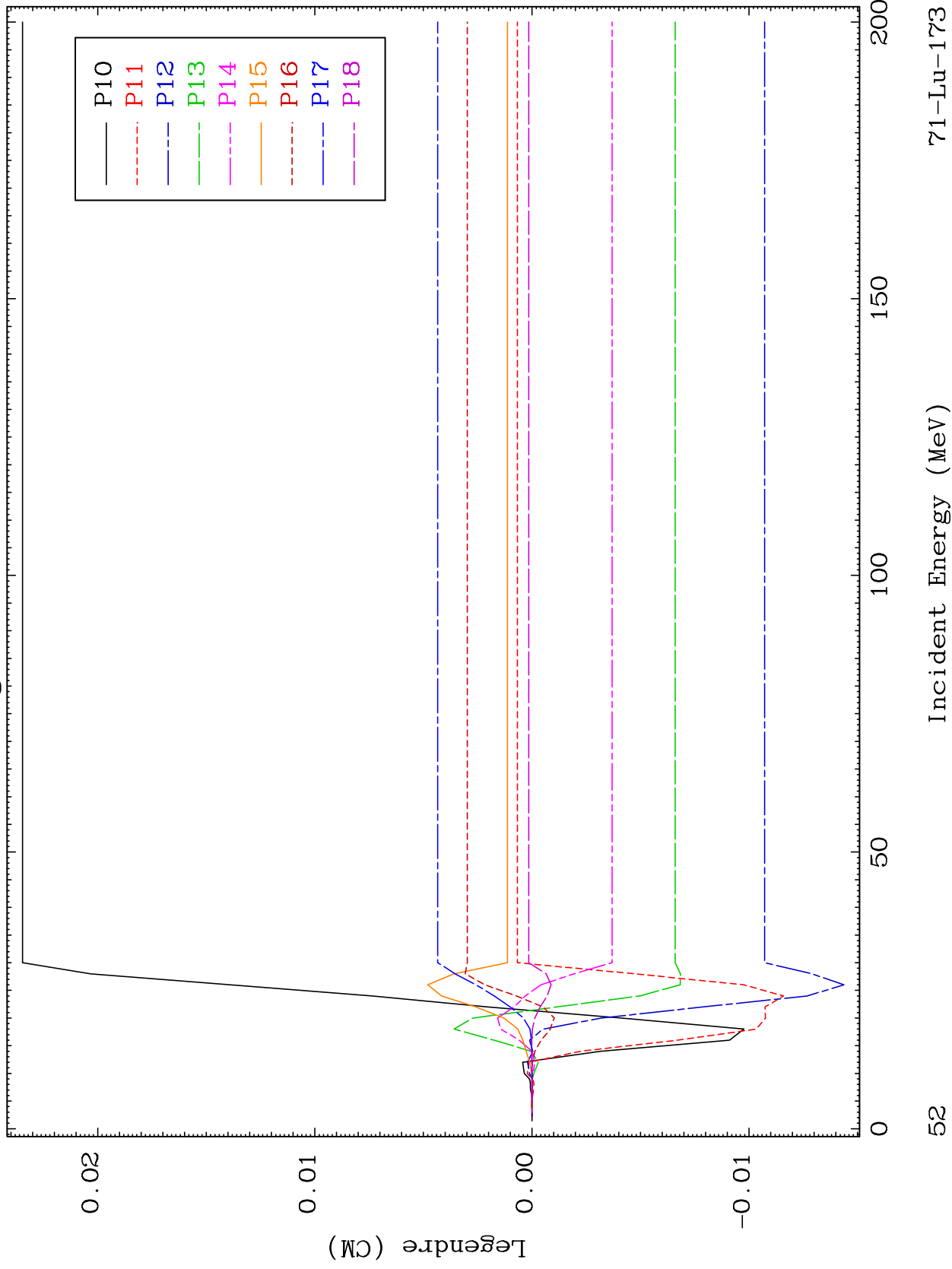
Incident Energy (MeV)

71-Lu-173

MAT 7119

423.6 keV (n,n') Level  
Legendre Coefficients

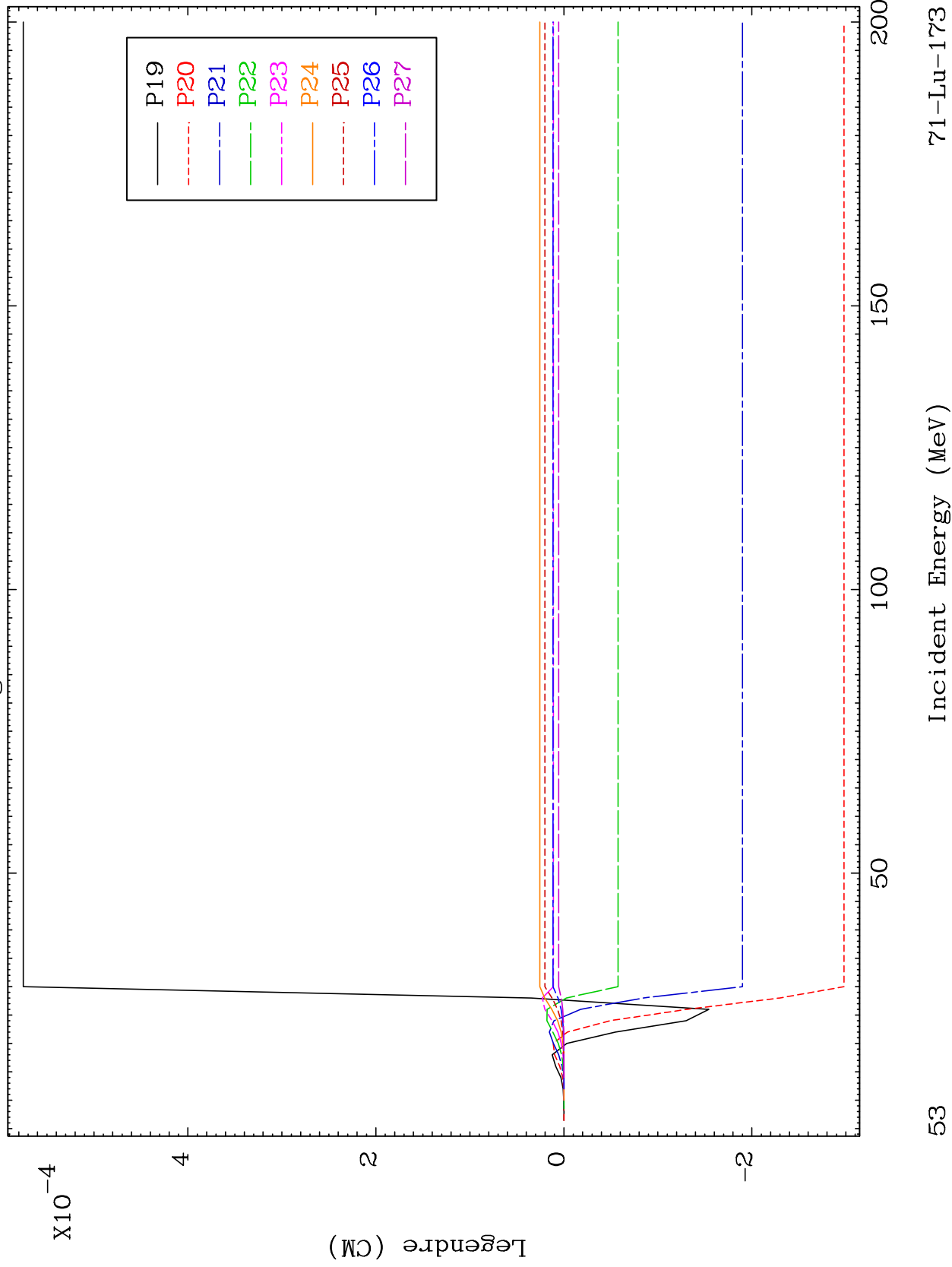
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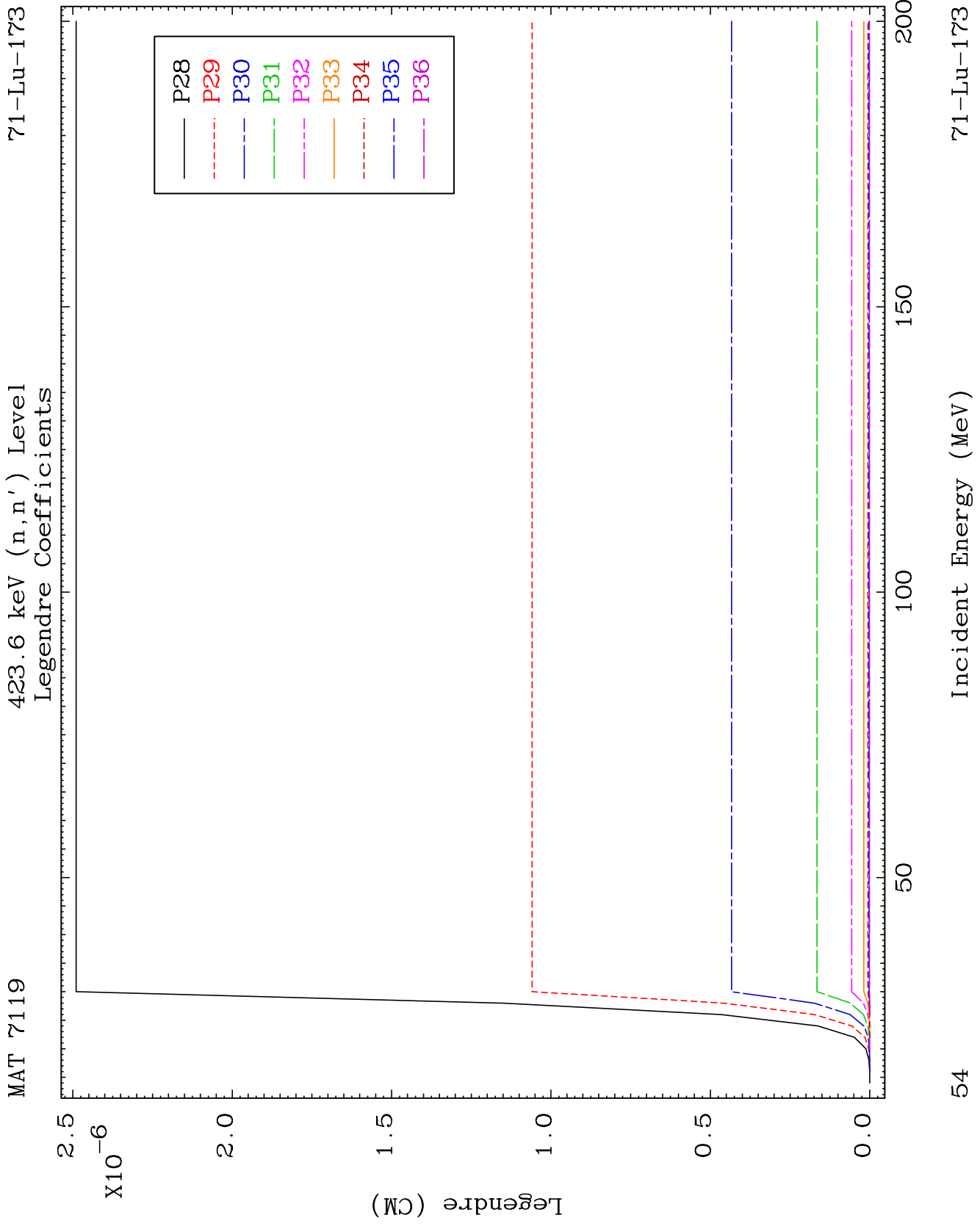


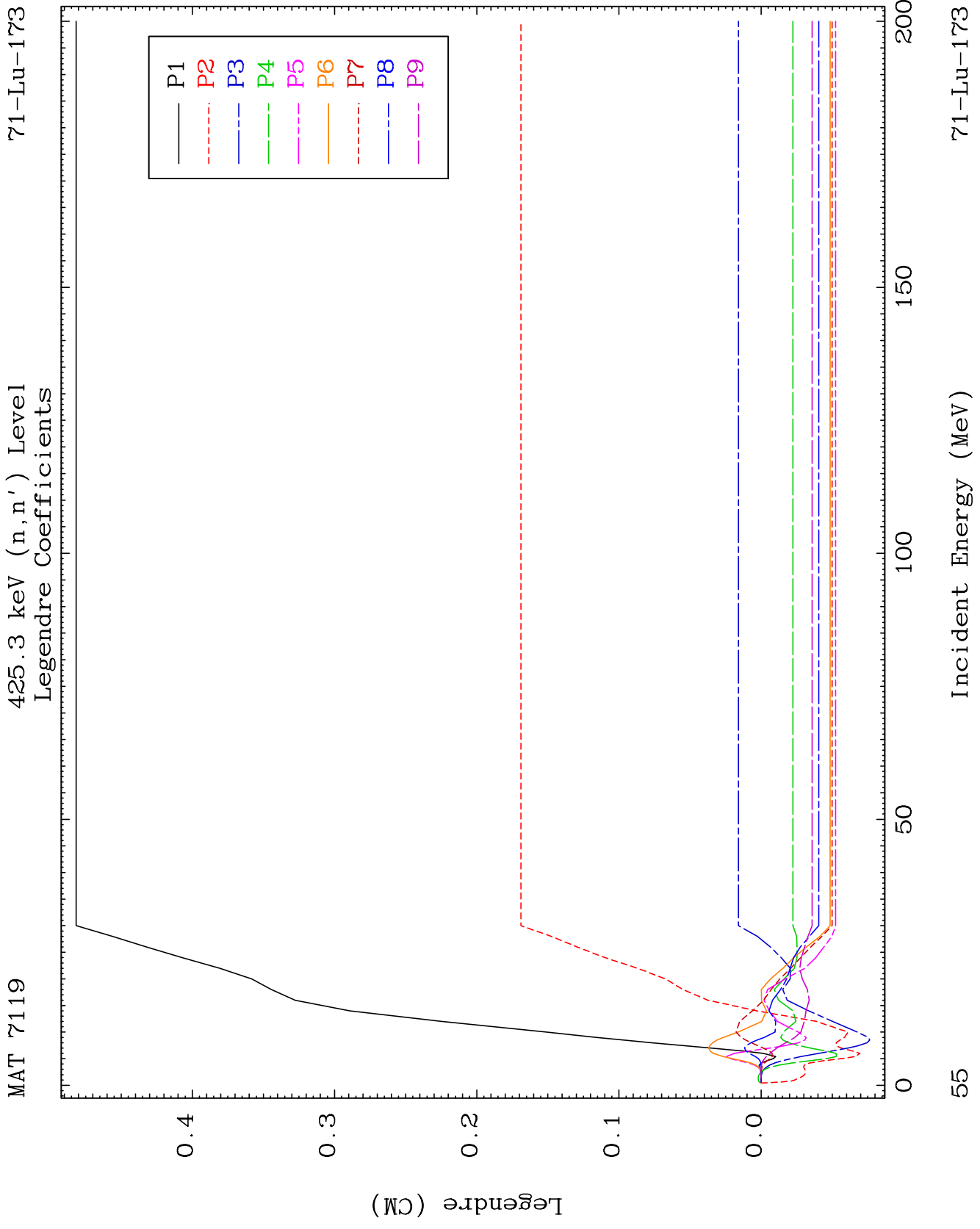
71-Lu-173

Incident Energy (MeV)

52





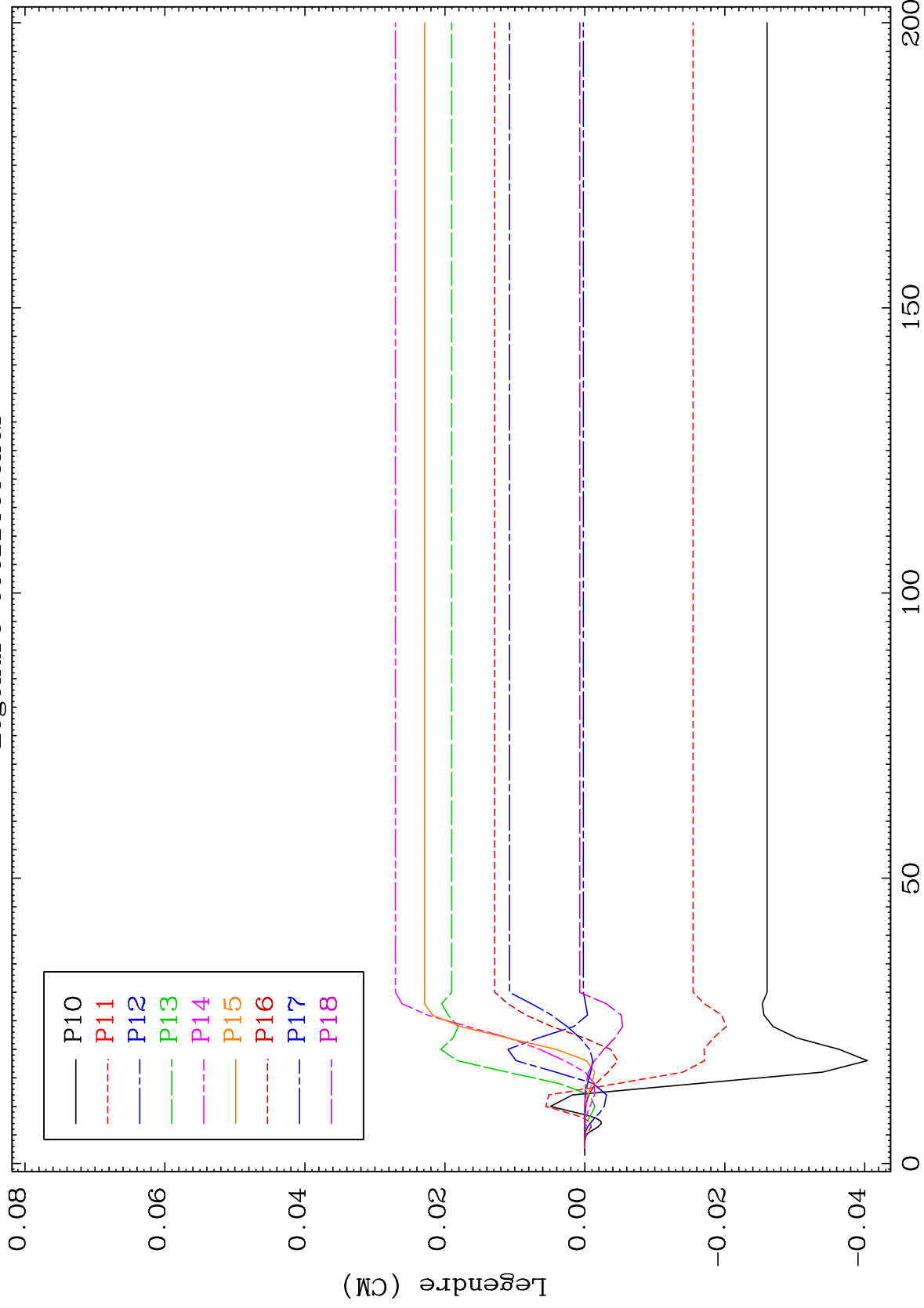




MAT 7119

425.3 keV (n,n') Level  
Legendre Coefficients

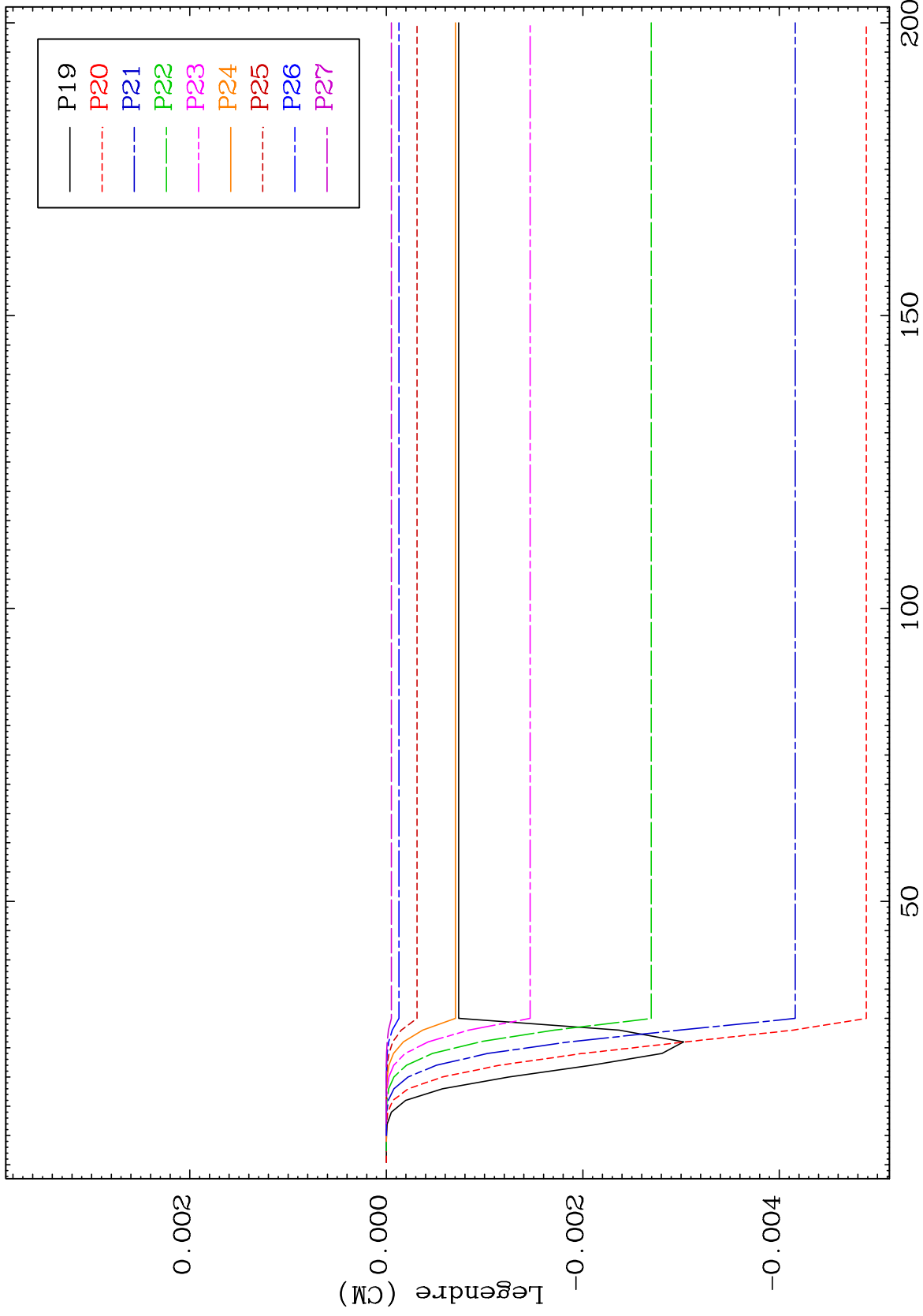
71-Lu-173

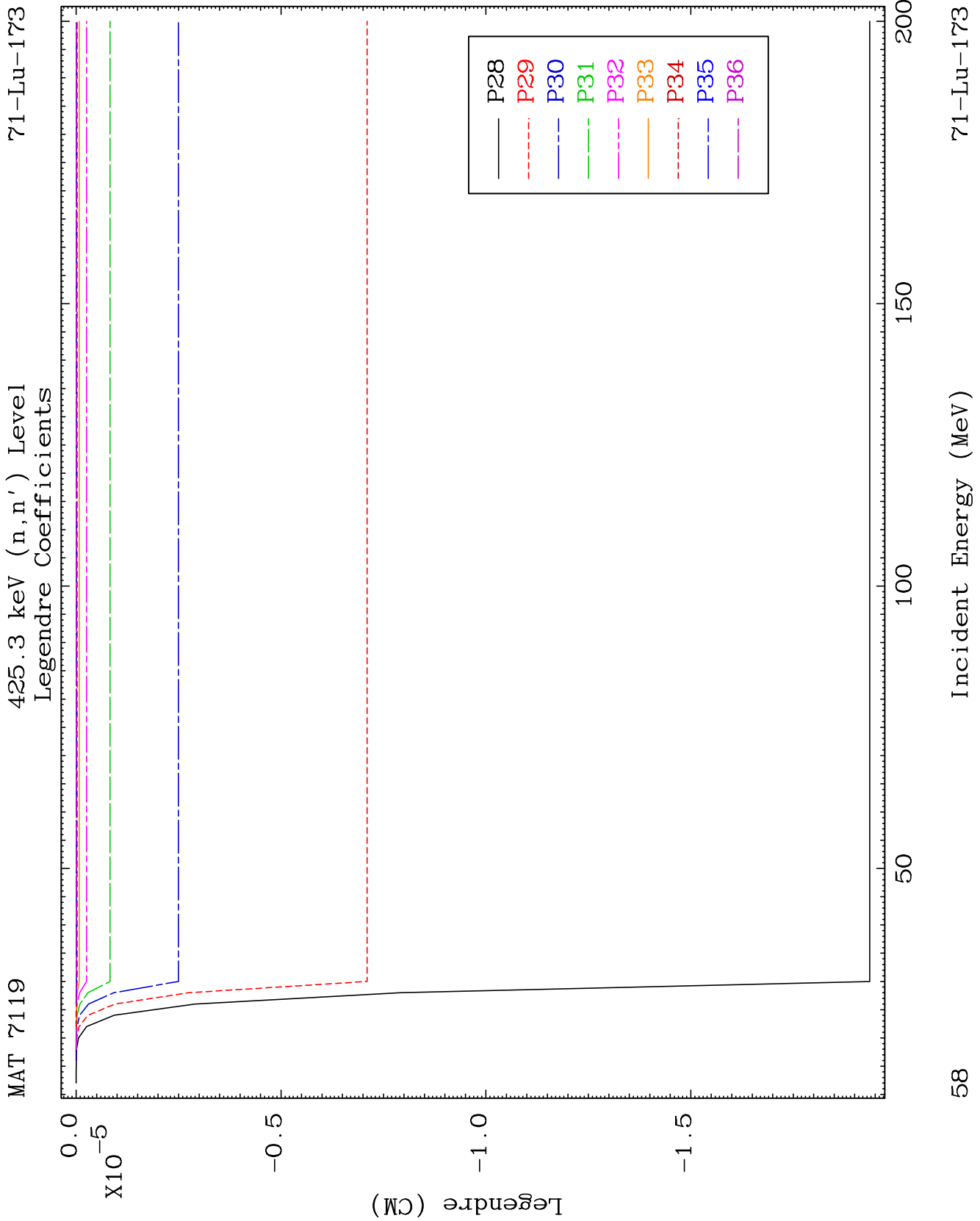


56

Incident Energy (MeV)

71-Lu-173



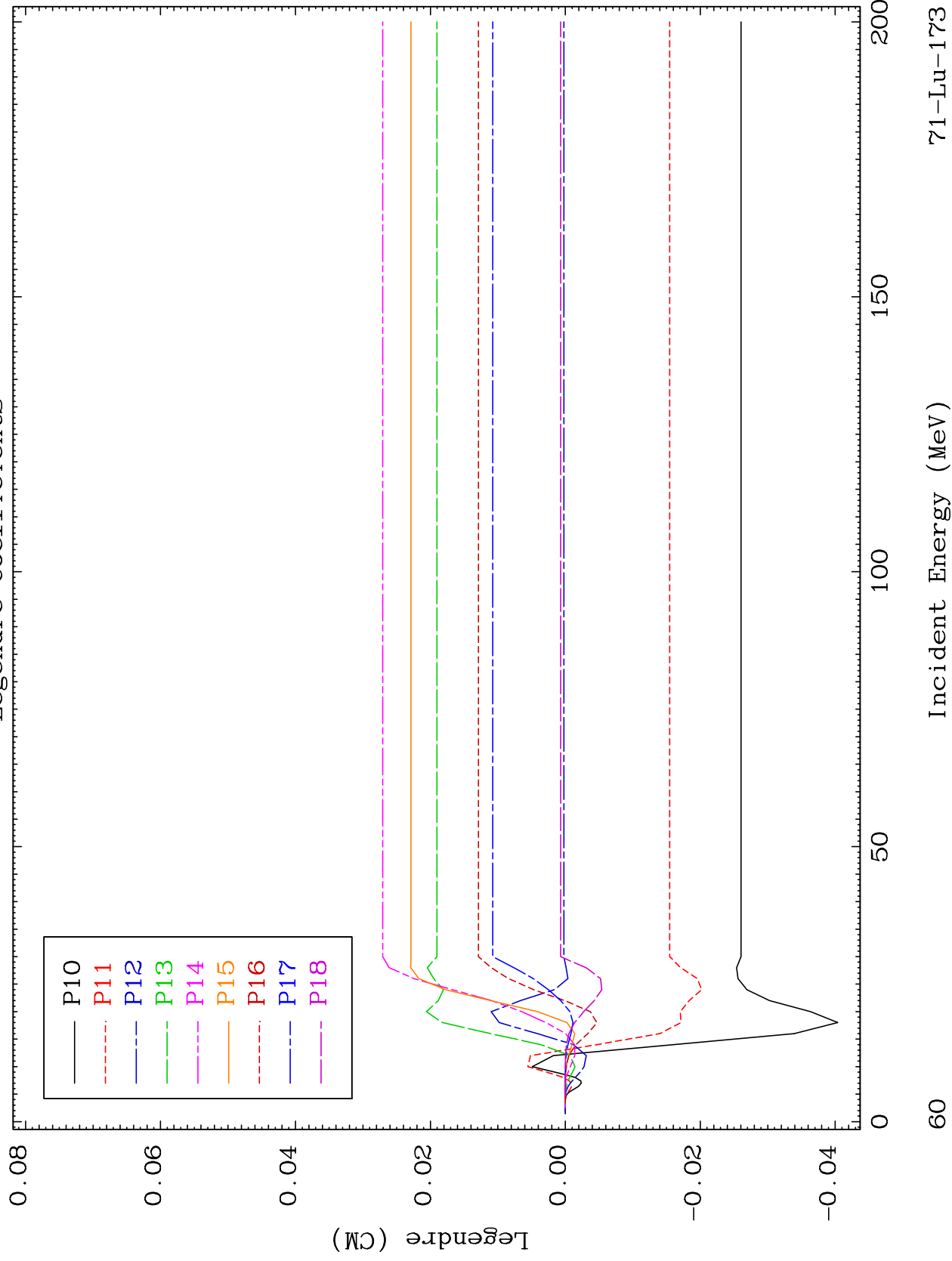




MAT 7119

428.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



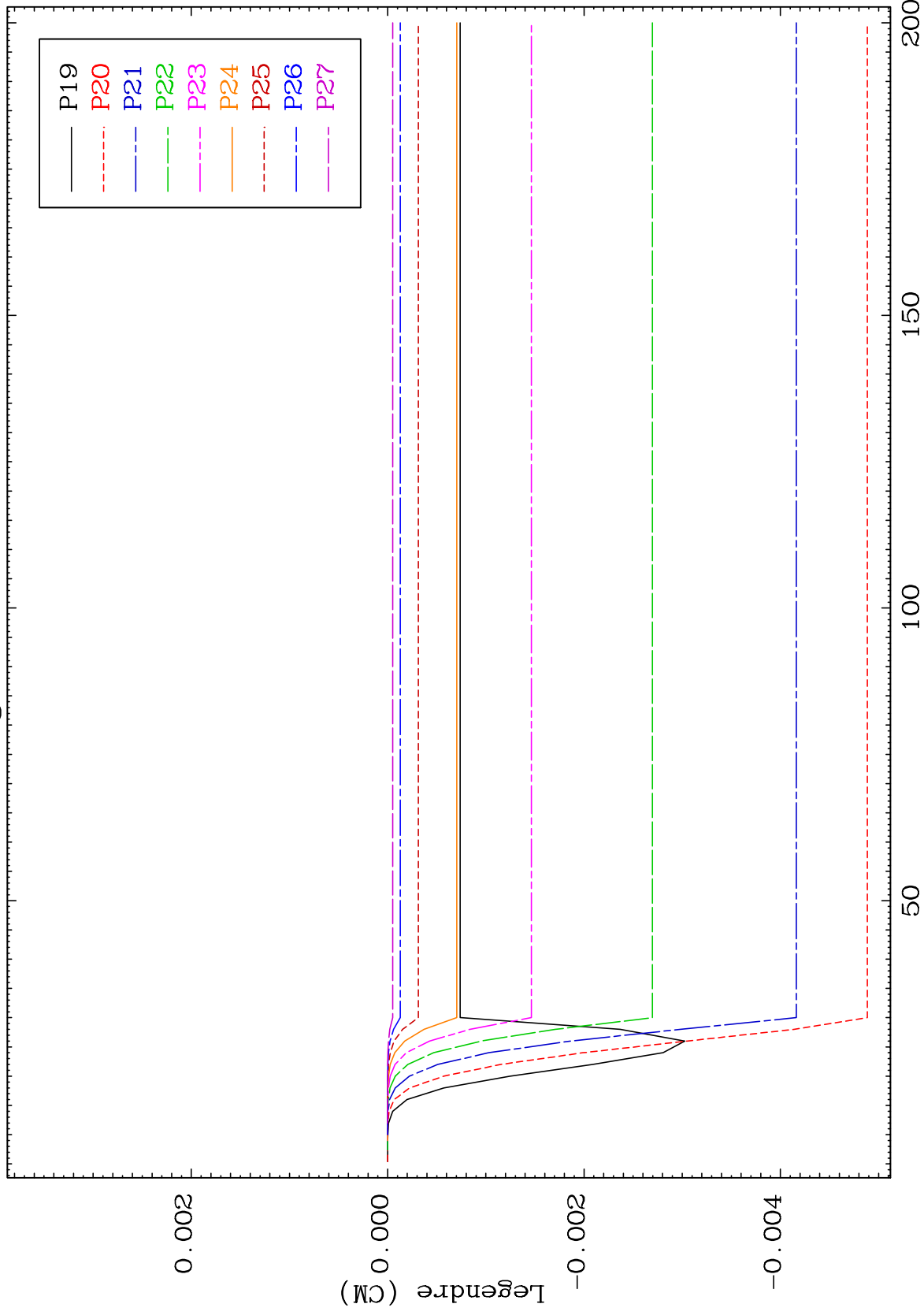
71-Lu-173

Incident Energy (MeV)

MAT 7119

428.1 keV (n,n') Level  
Legendre Coefficients

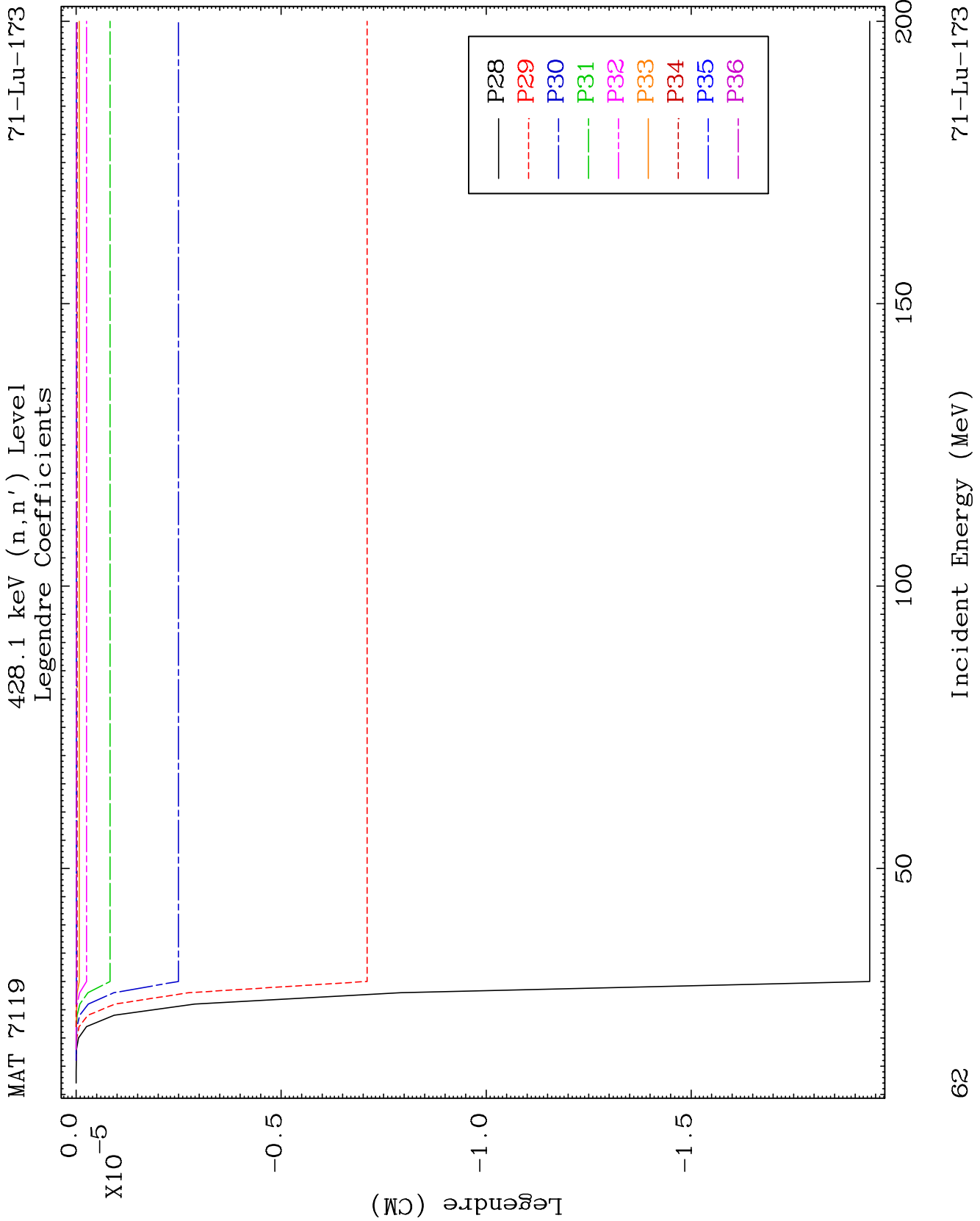
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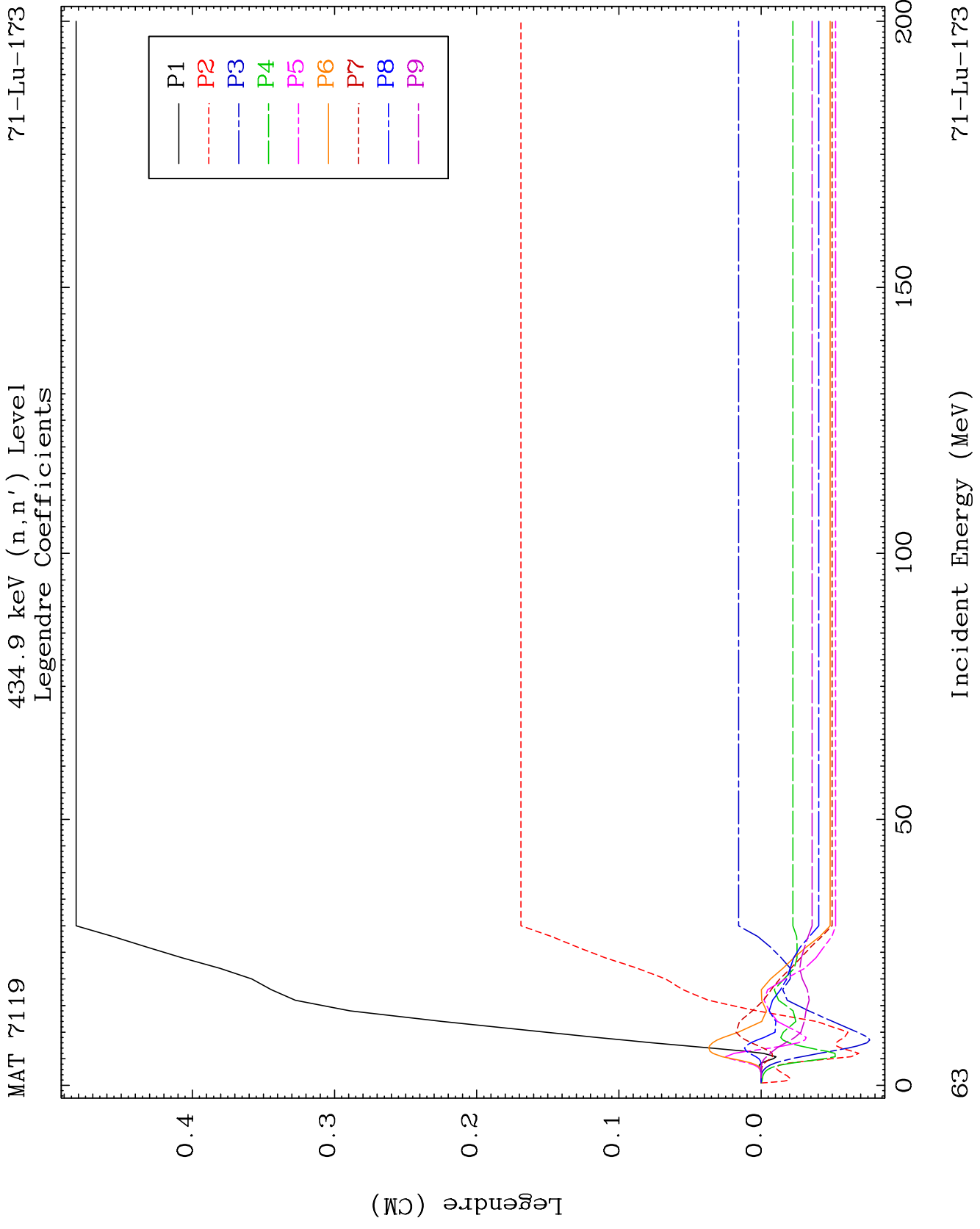


61

Incident Energy (MeV)

71-Lu-173



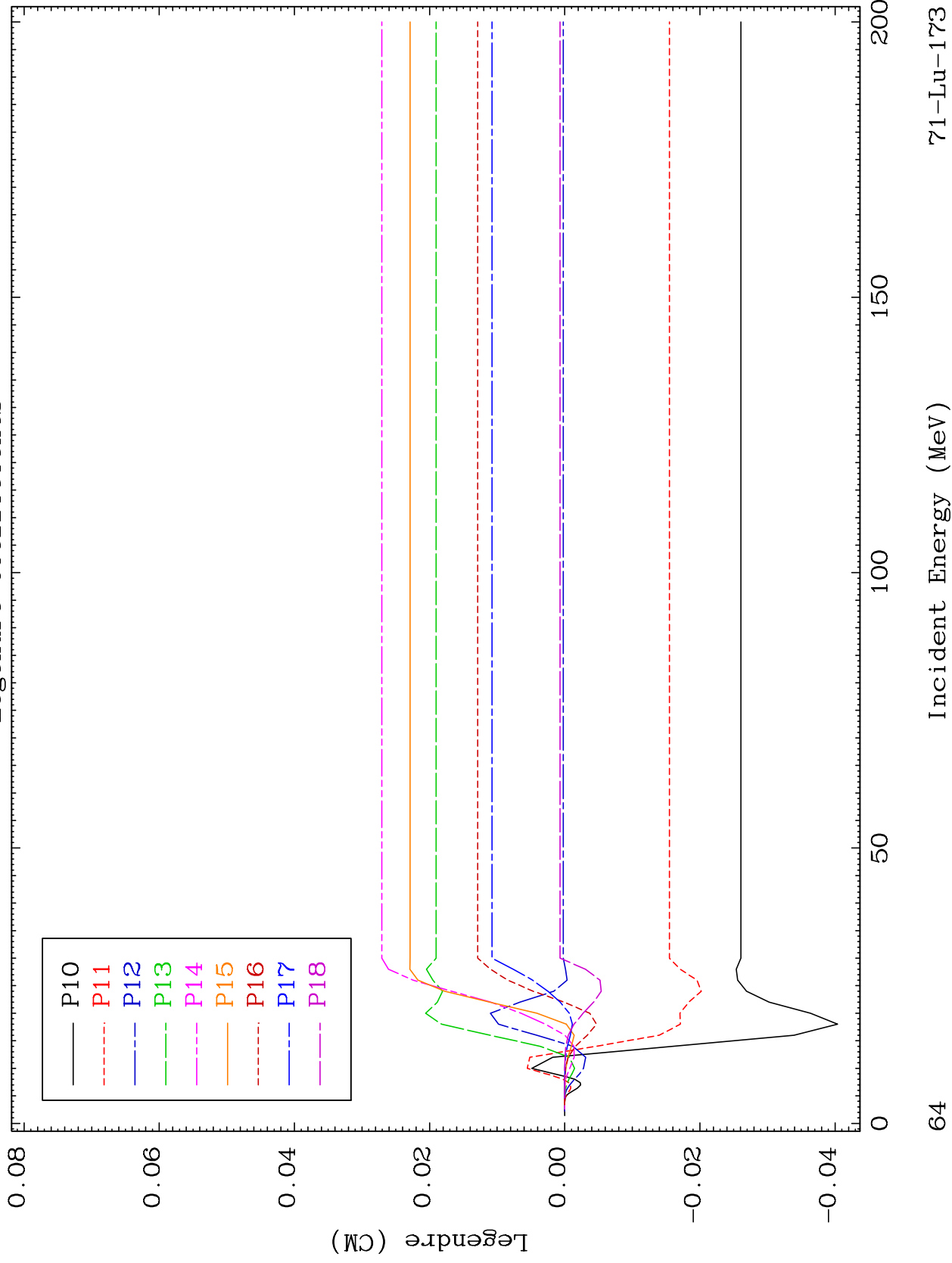




MAT 7119

434.9 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



71-Lu-173

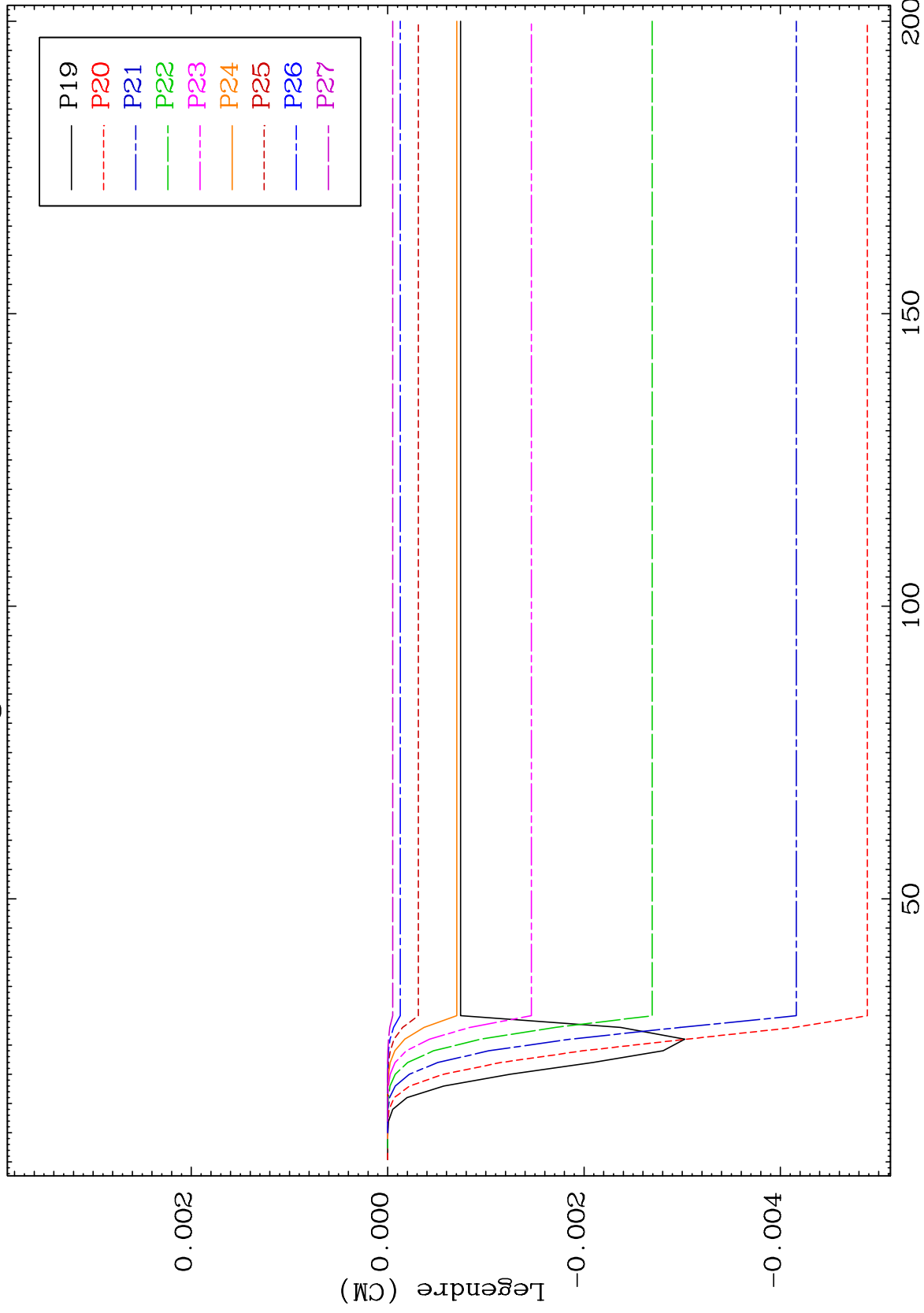
Incident Energy (MeV)

64

MAT 7119

434.9 keV (n,n') Level  
Legendre Coefficients

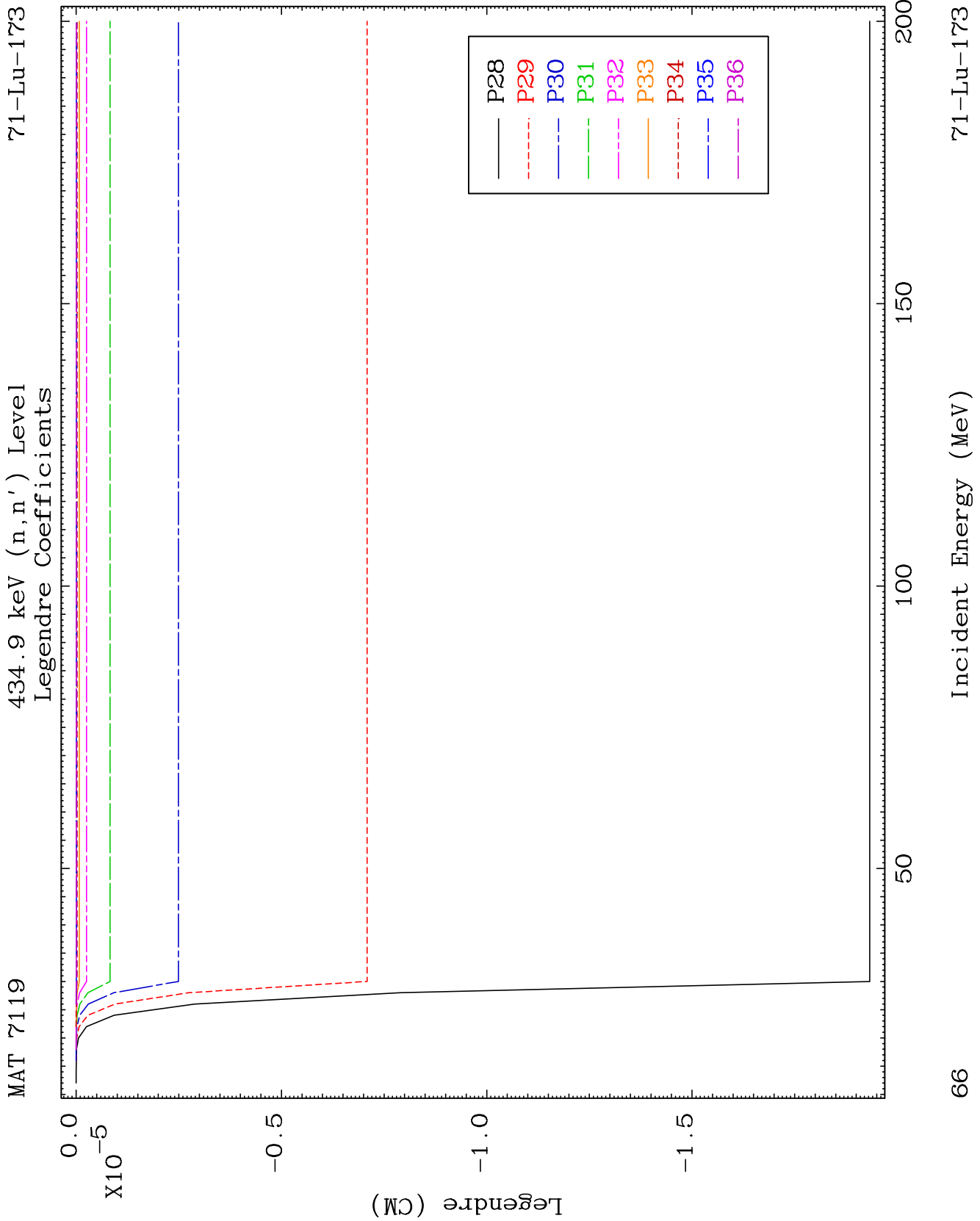
71-Lu-173



65

Incident Energy (MeV)

71-Lu-173

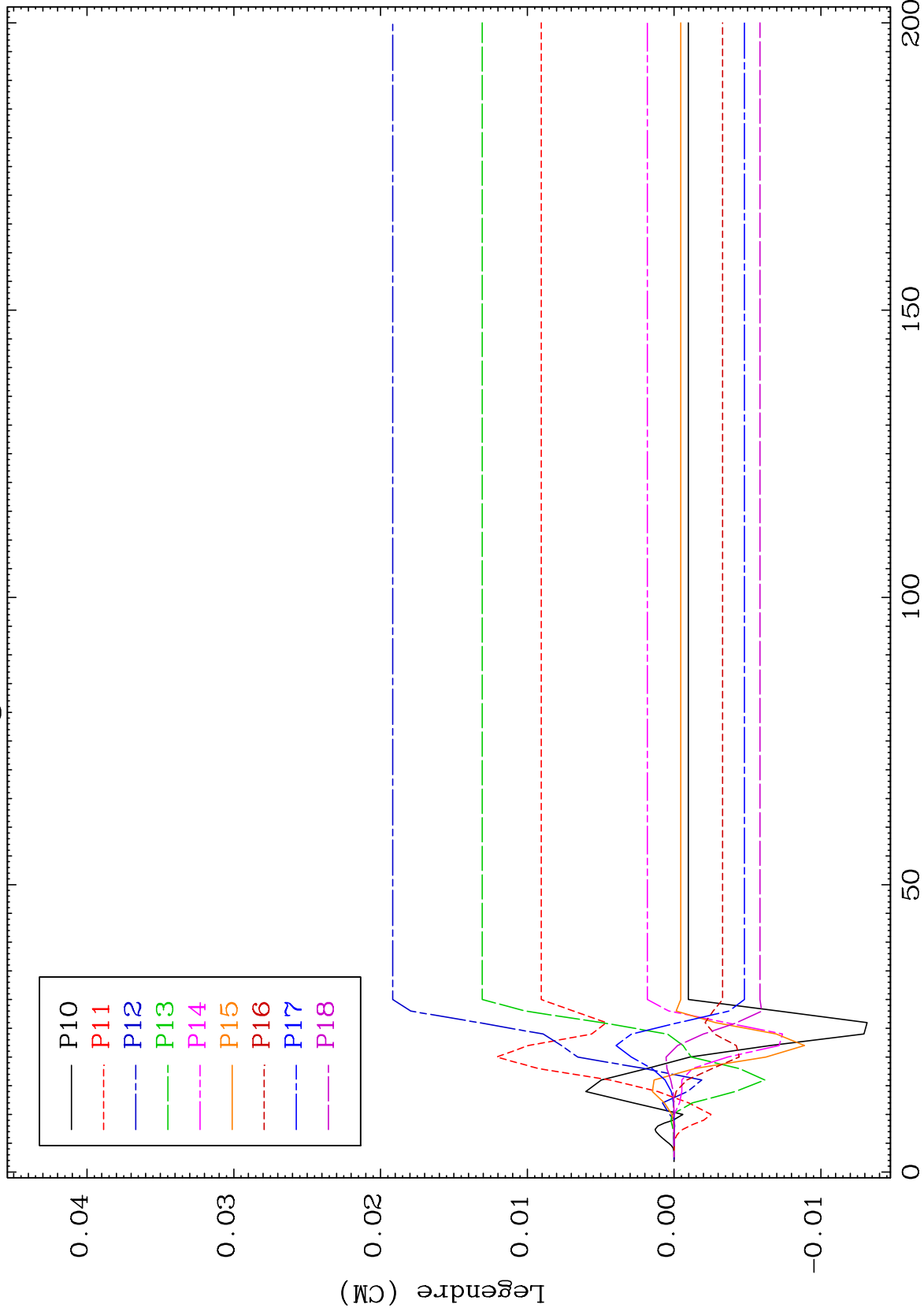




MAT 7119

449.0 keV (n,n') Level  
Legendre Coefficients

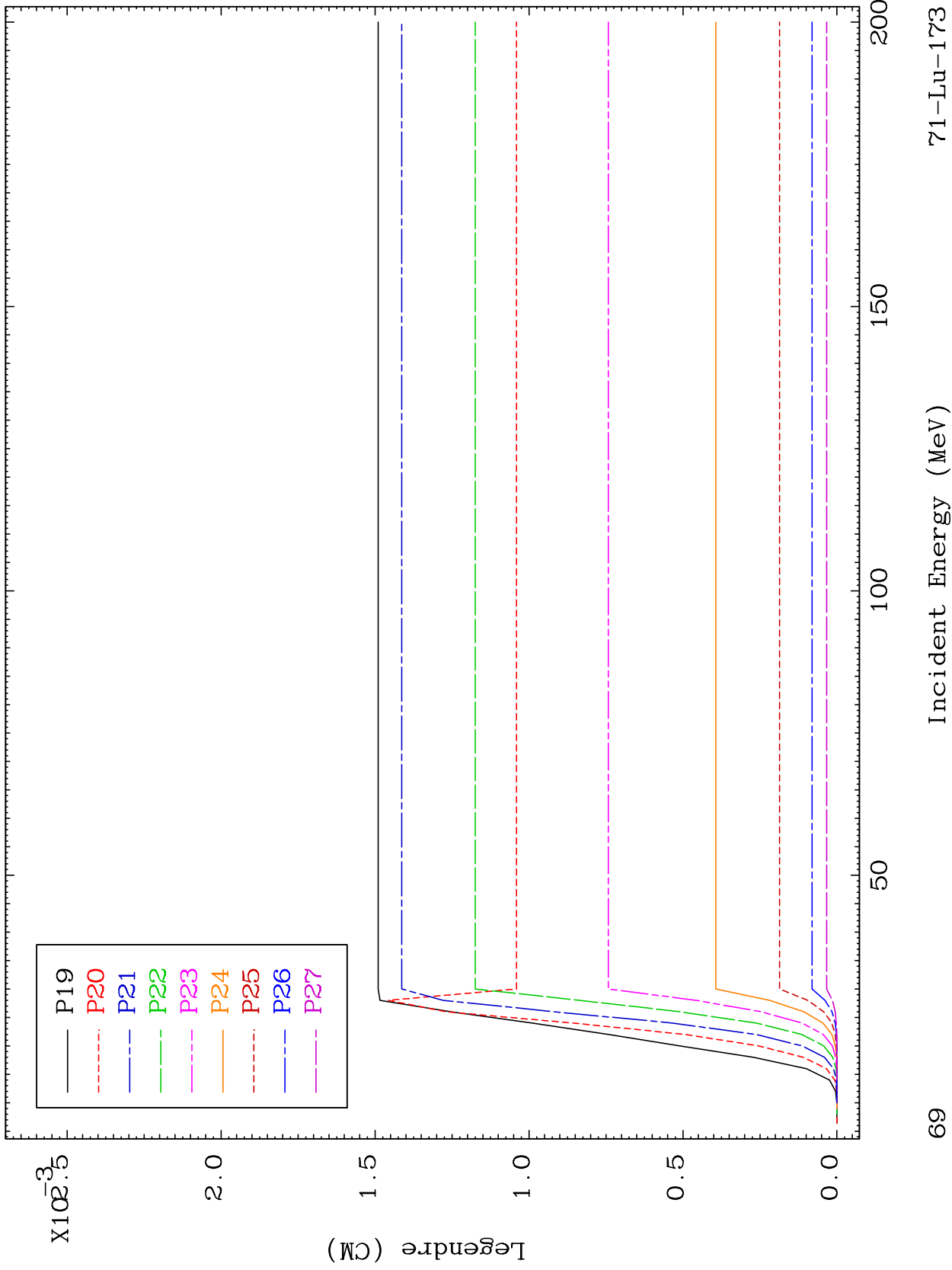
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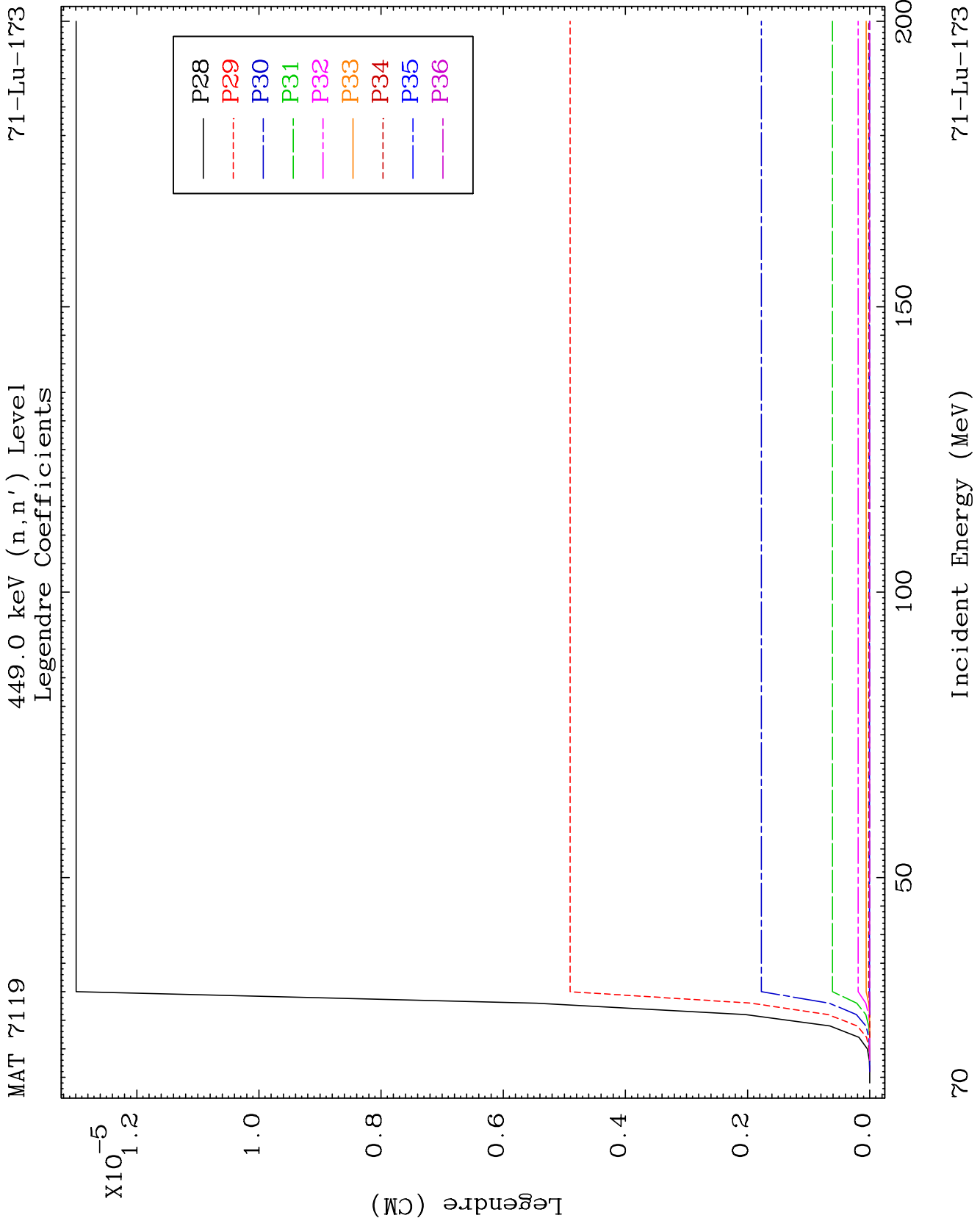


68

Incident Energy (MeV)

71-Lu-173

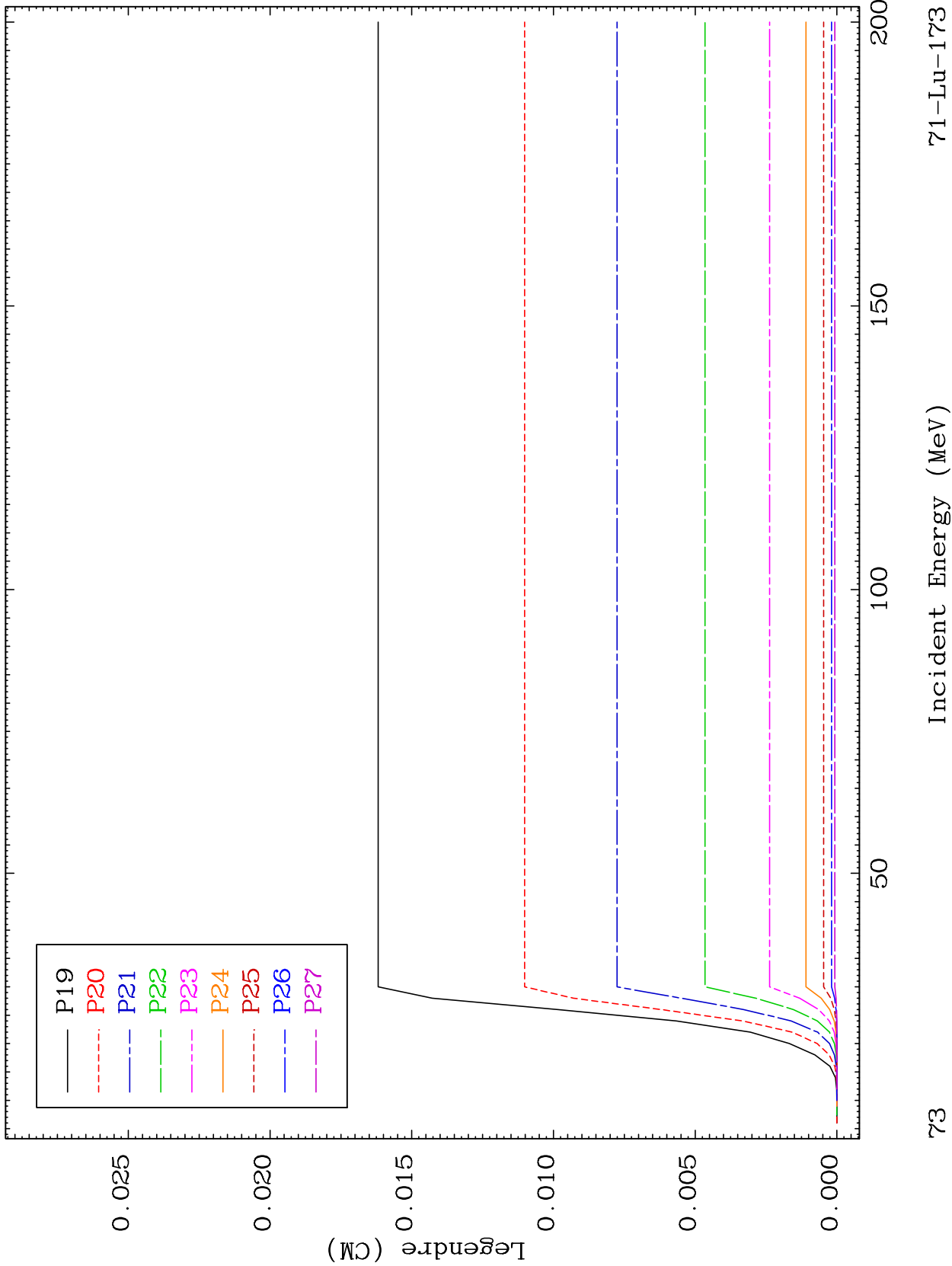




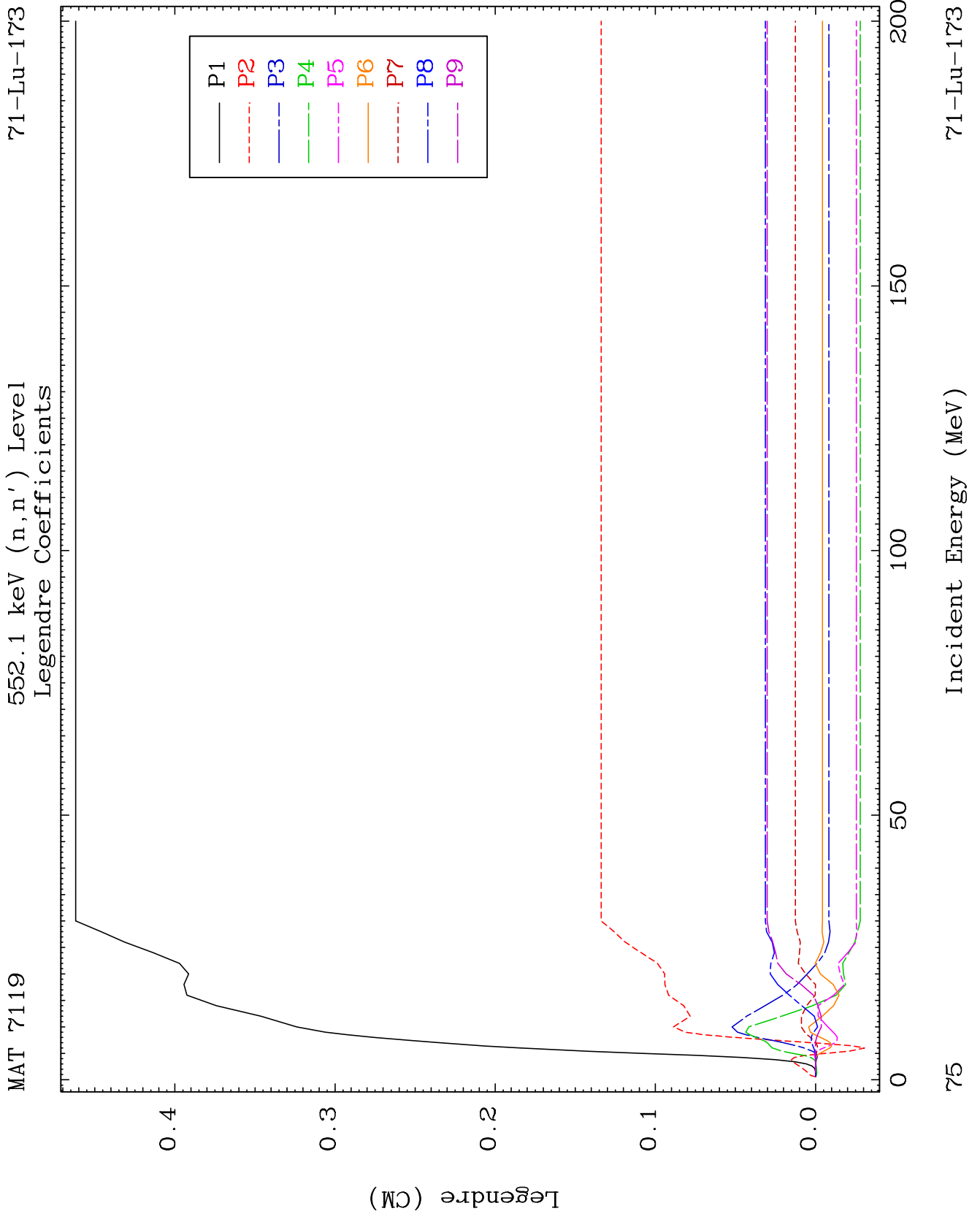










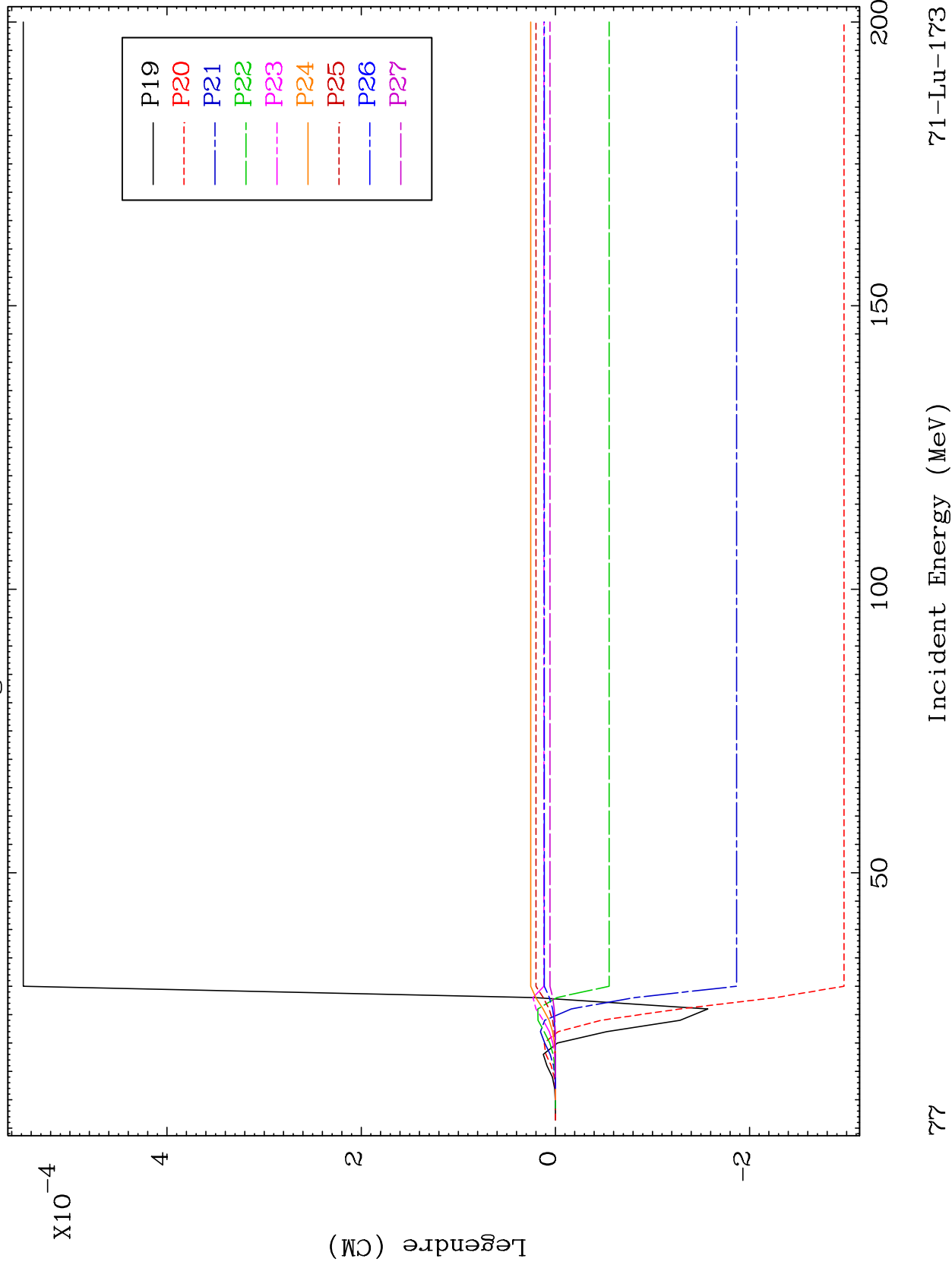


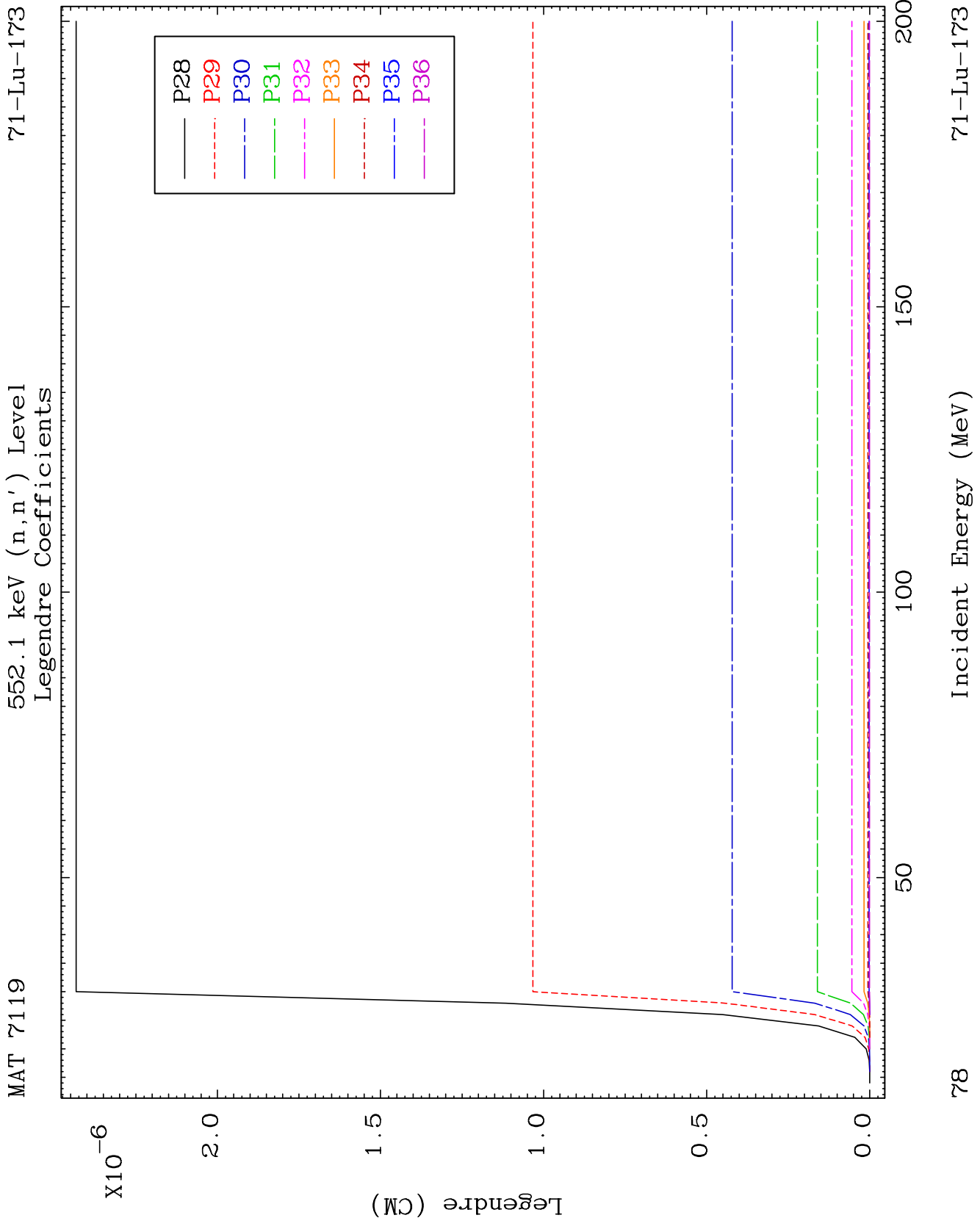


MAT 7119

552.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-173

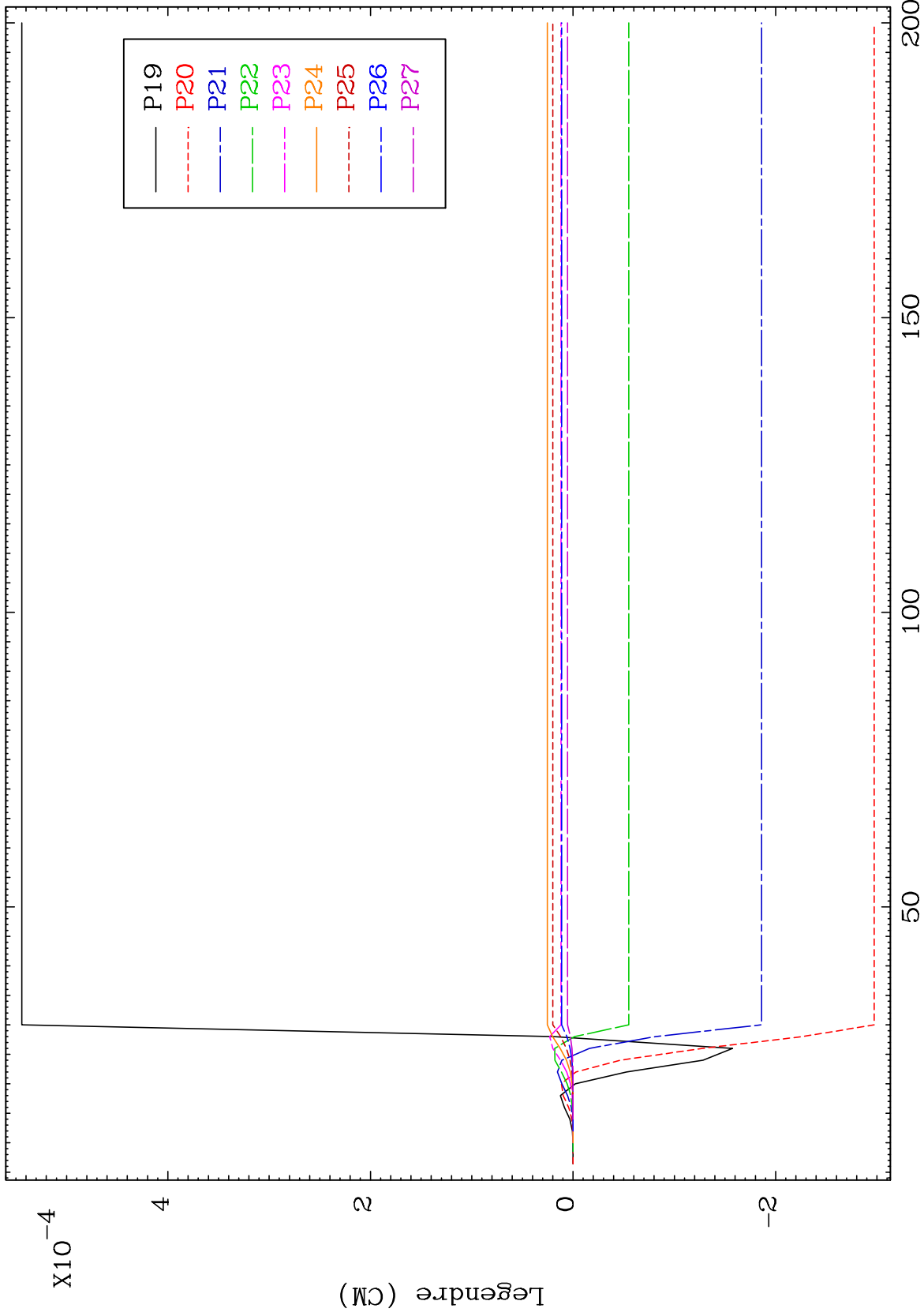


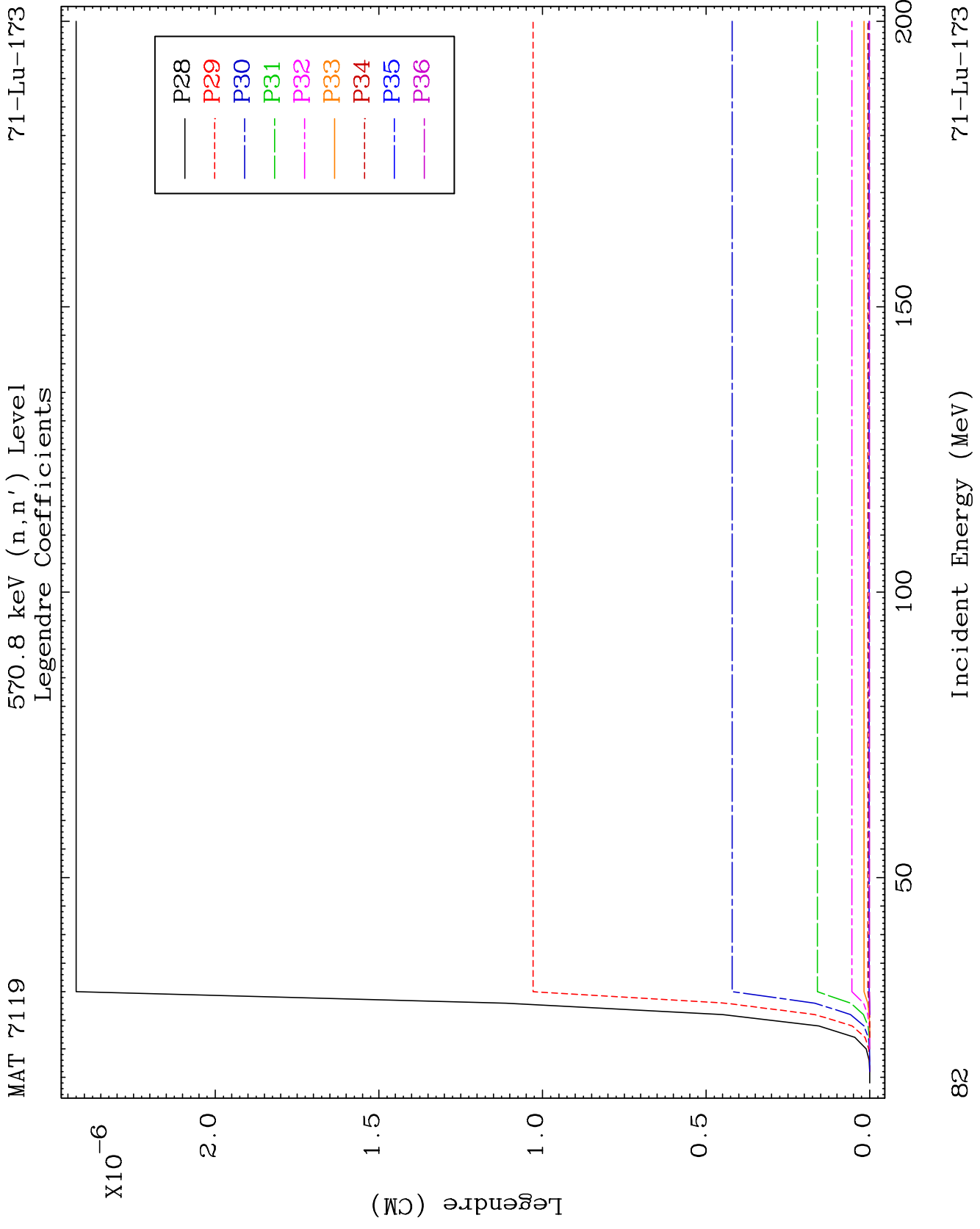








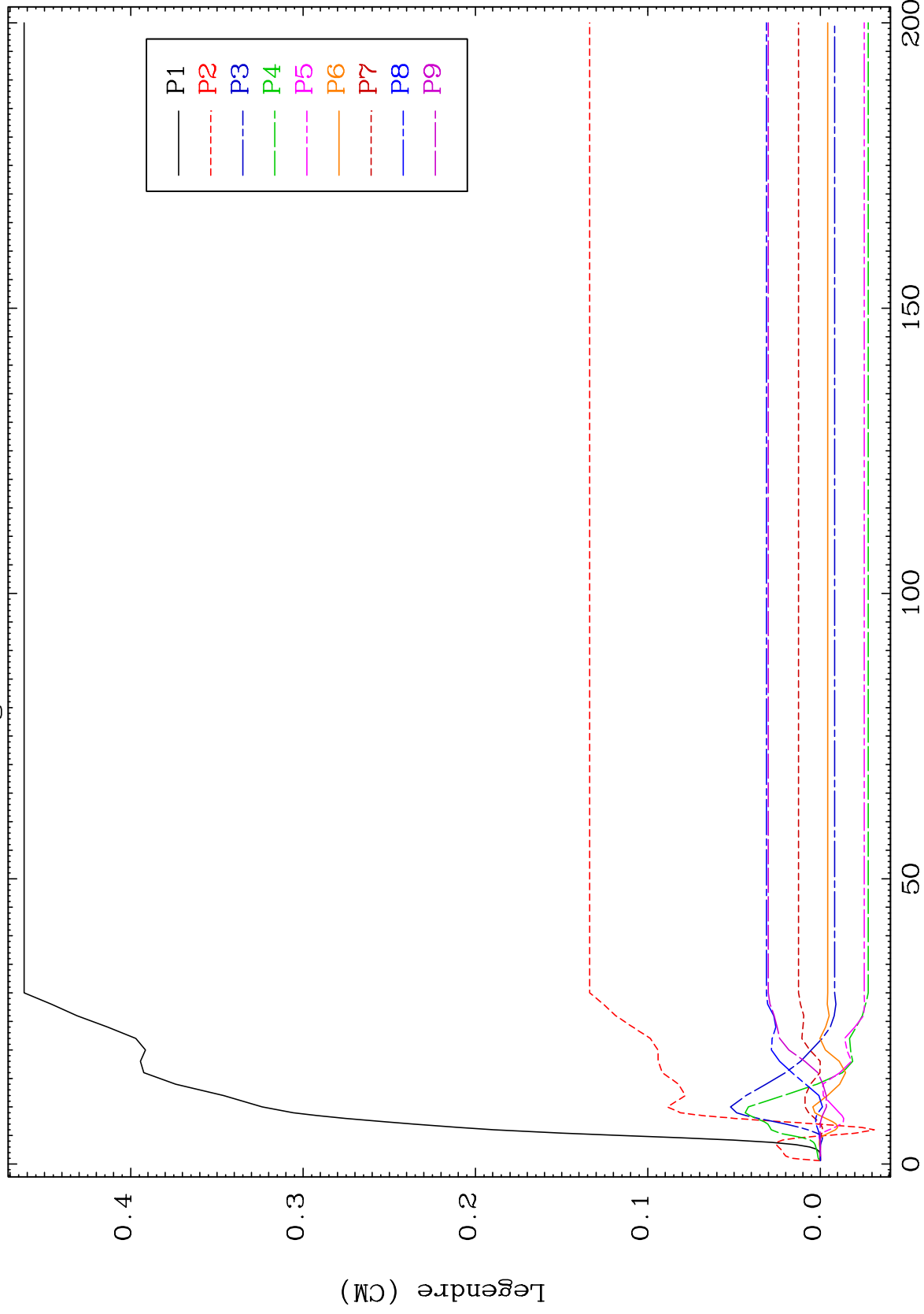




MAT 7119

576.3 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



71-Lu-173

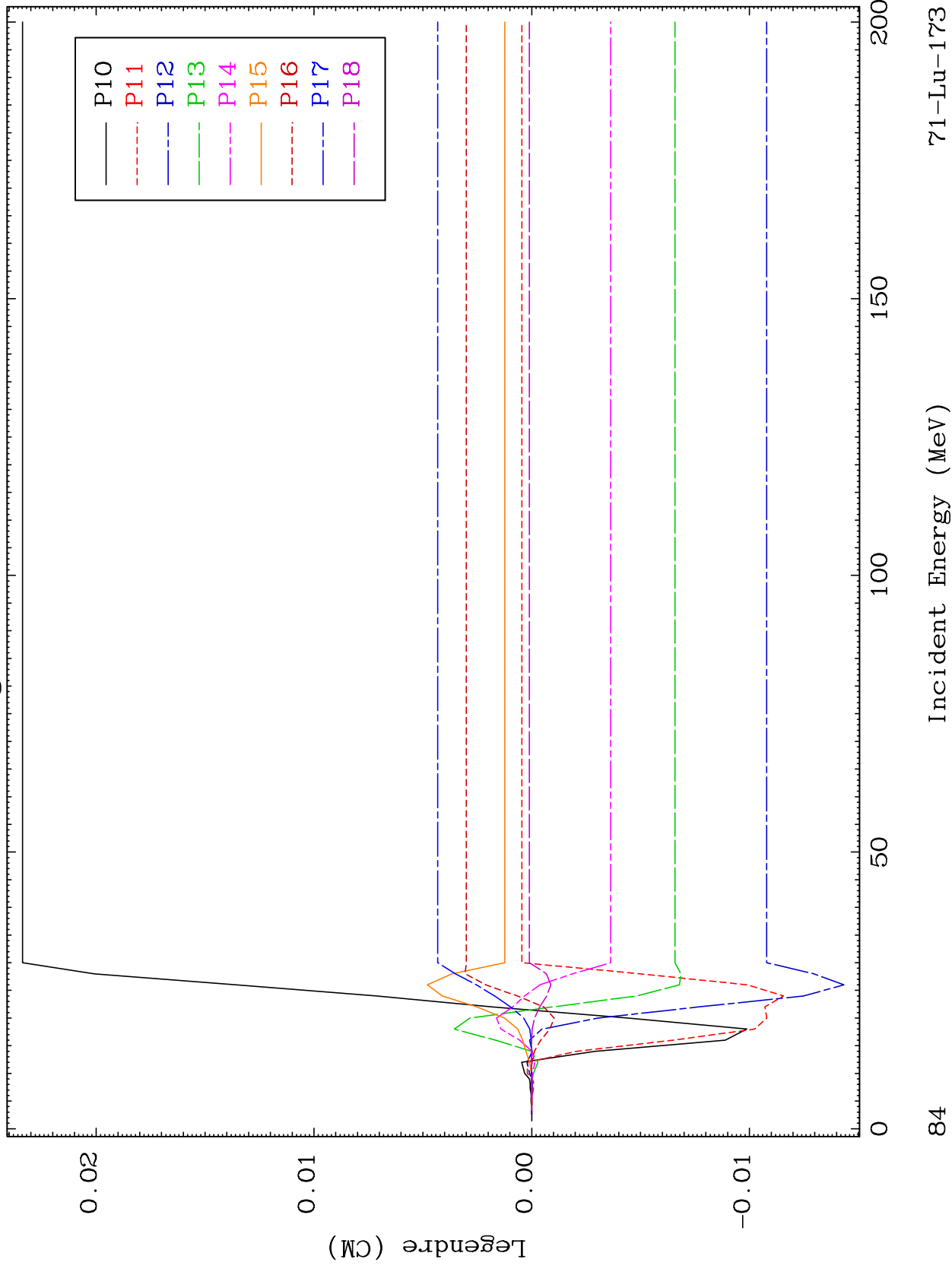
Incident Energy (MeV)

83

MAT 7119

576.3 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



84

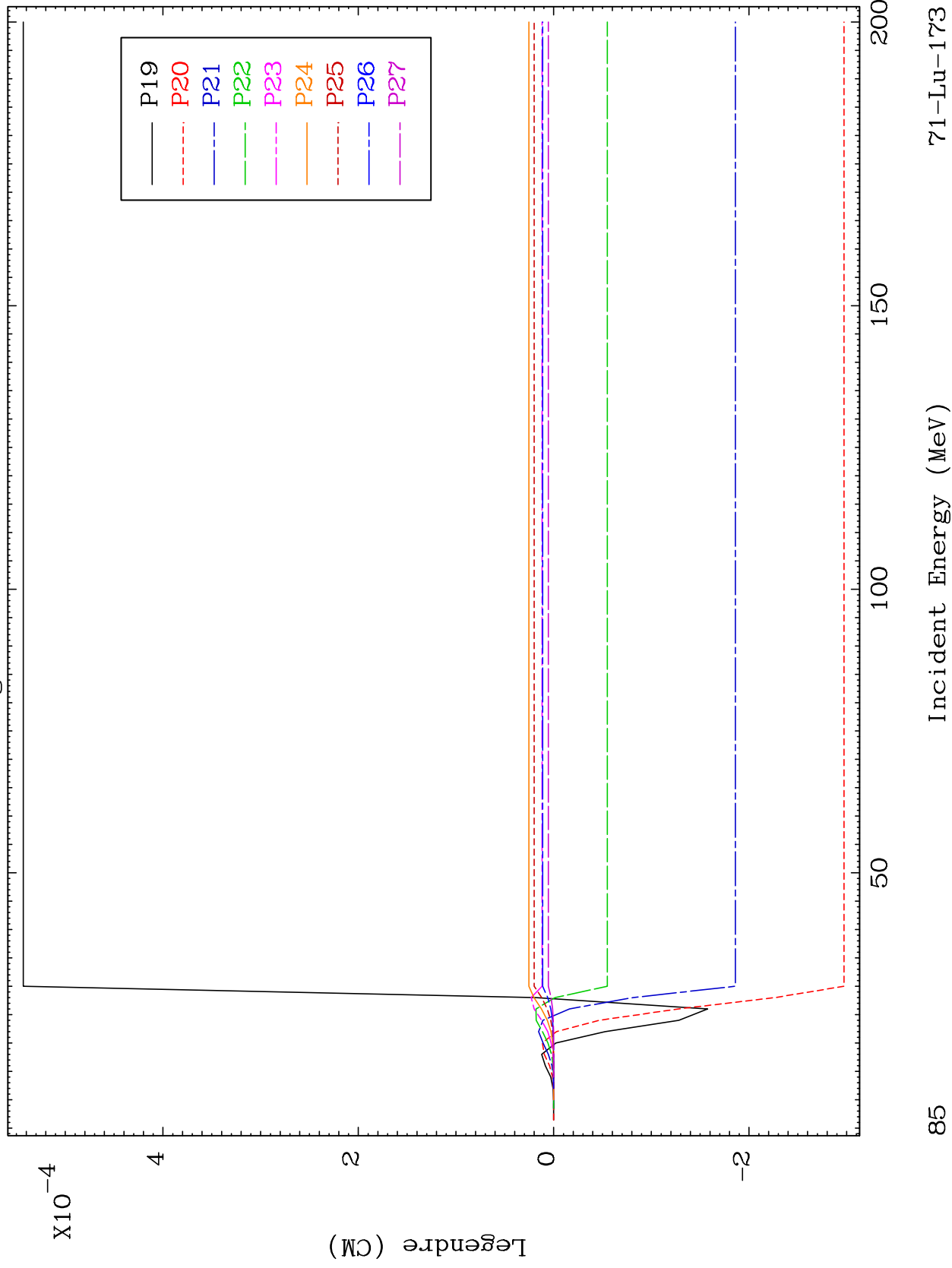
Incident Energy (MeV)

71-Lu-173

MAT 7119

576.3 keV (n,n') Level  
Legendre Coefficients

71-Lu-173

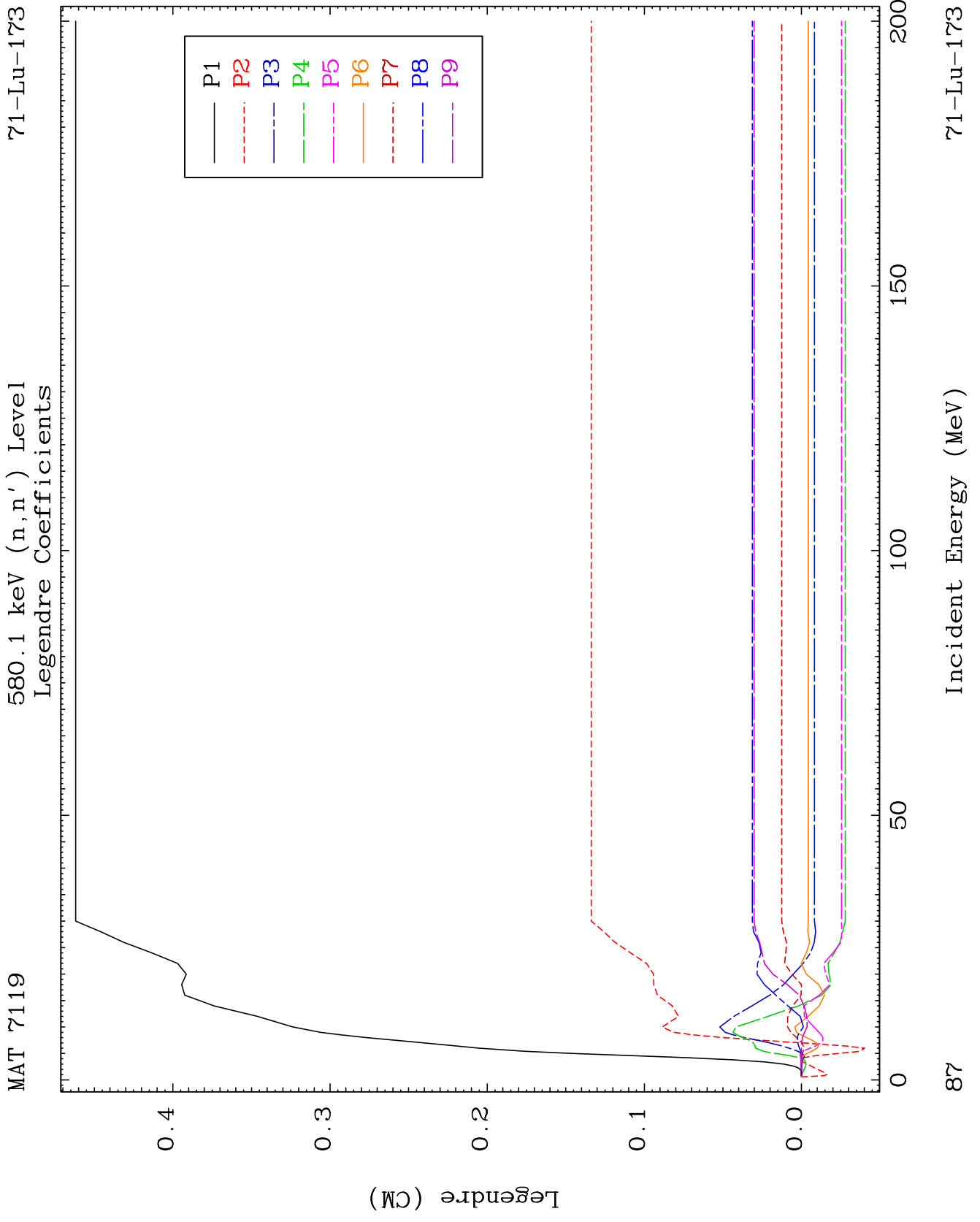


85

Incident Energy (MeV)

71-Lu-173



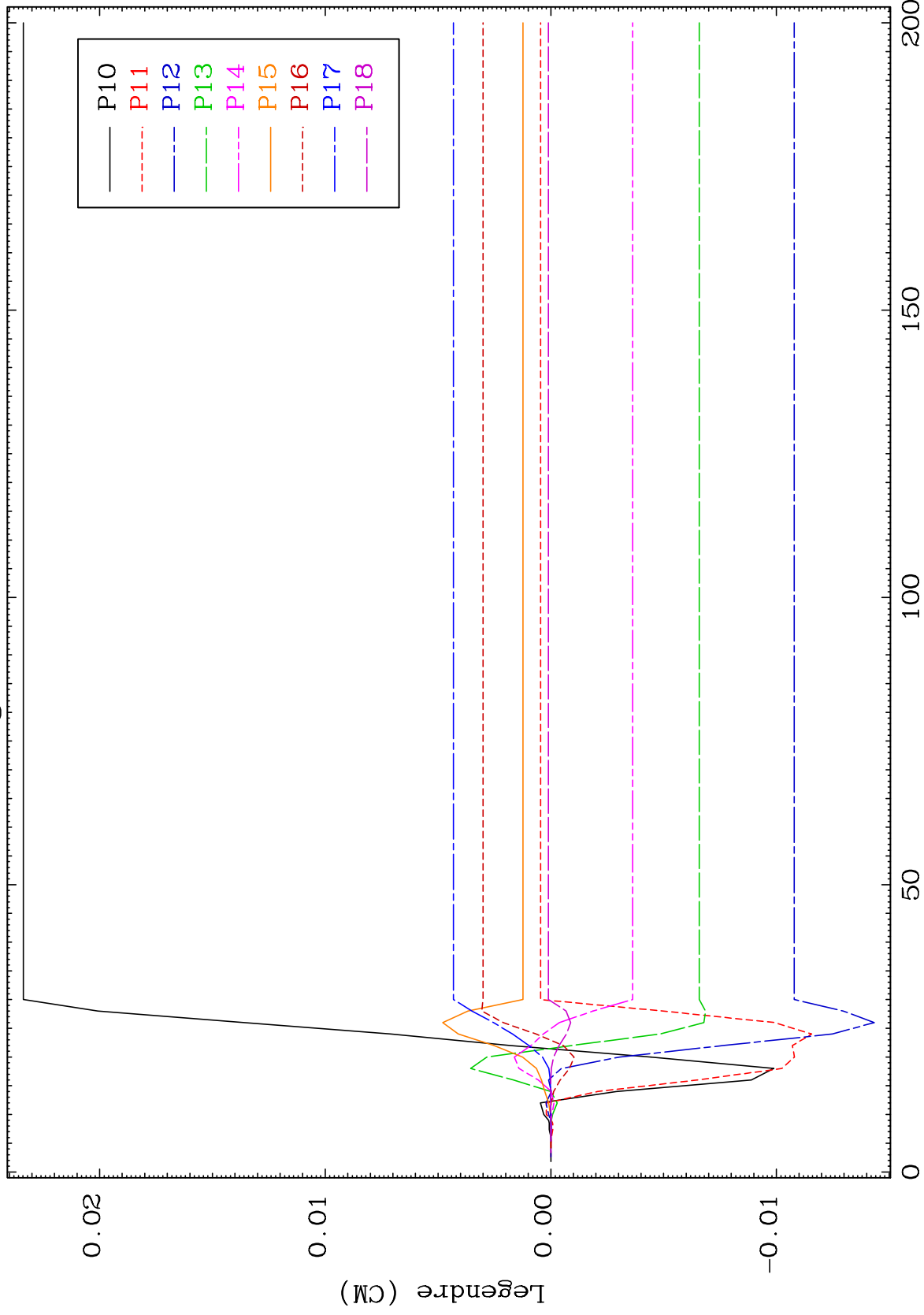




MAT 7119

580.1 keV (n,n') Level  
Legendre Coefficients

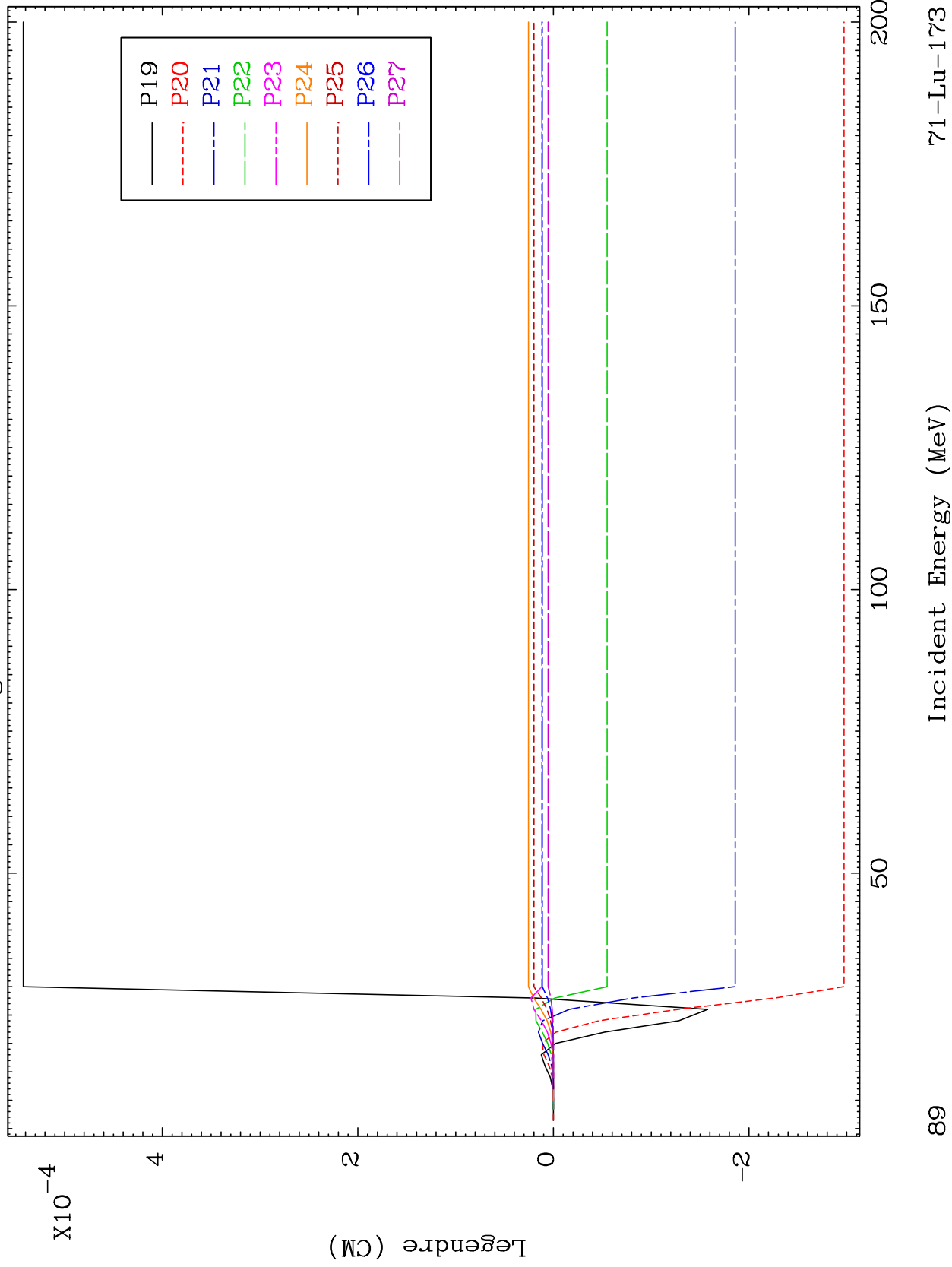
71-Lu-173

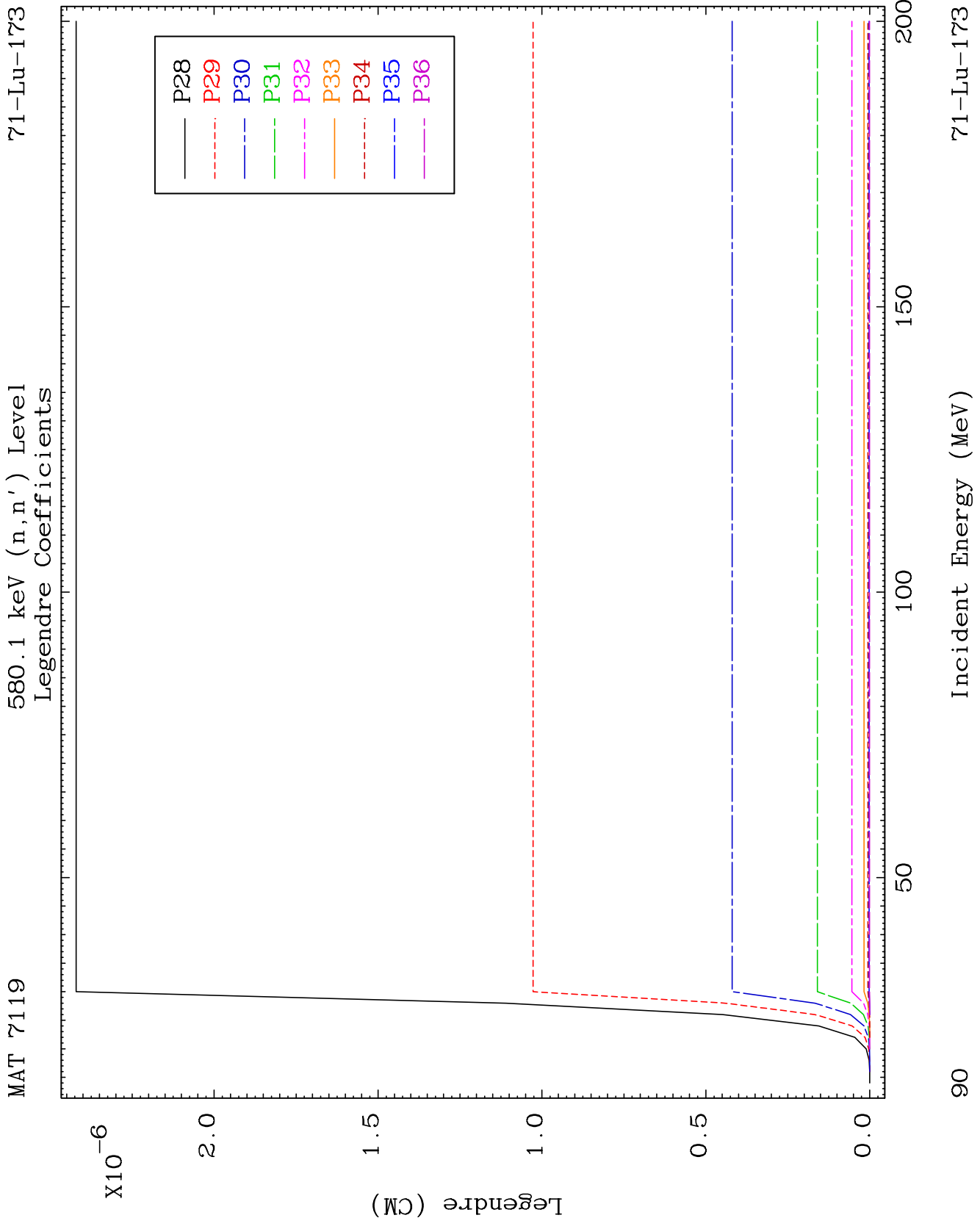


88

Incident Energy (MeV)

71-Lu-173

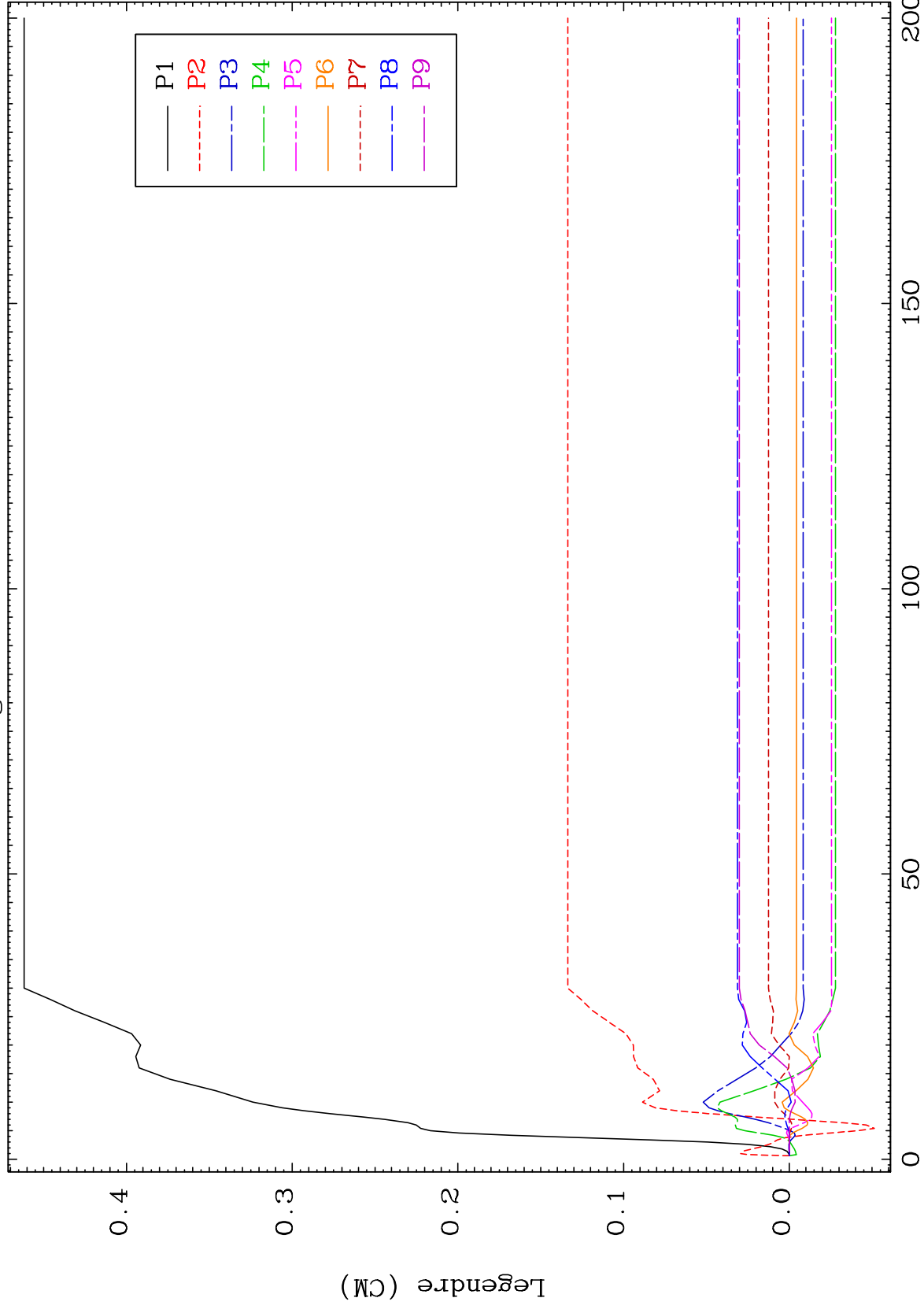




MAT 7119

606.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



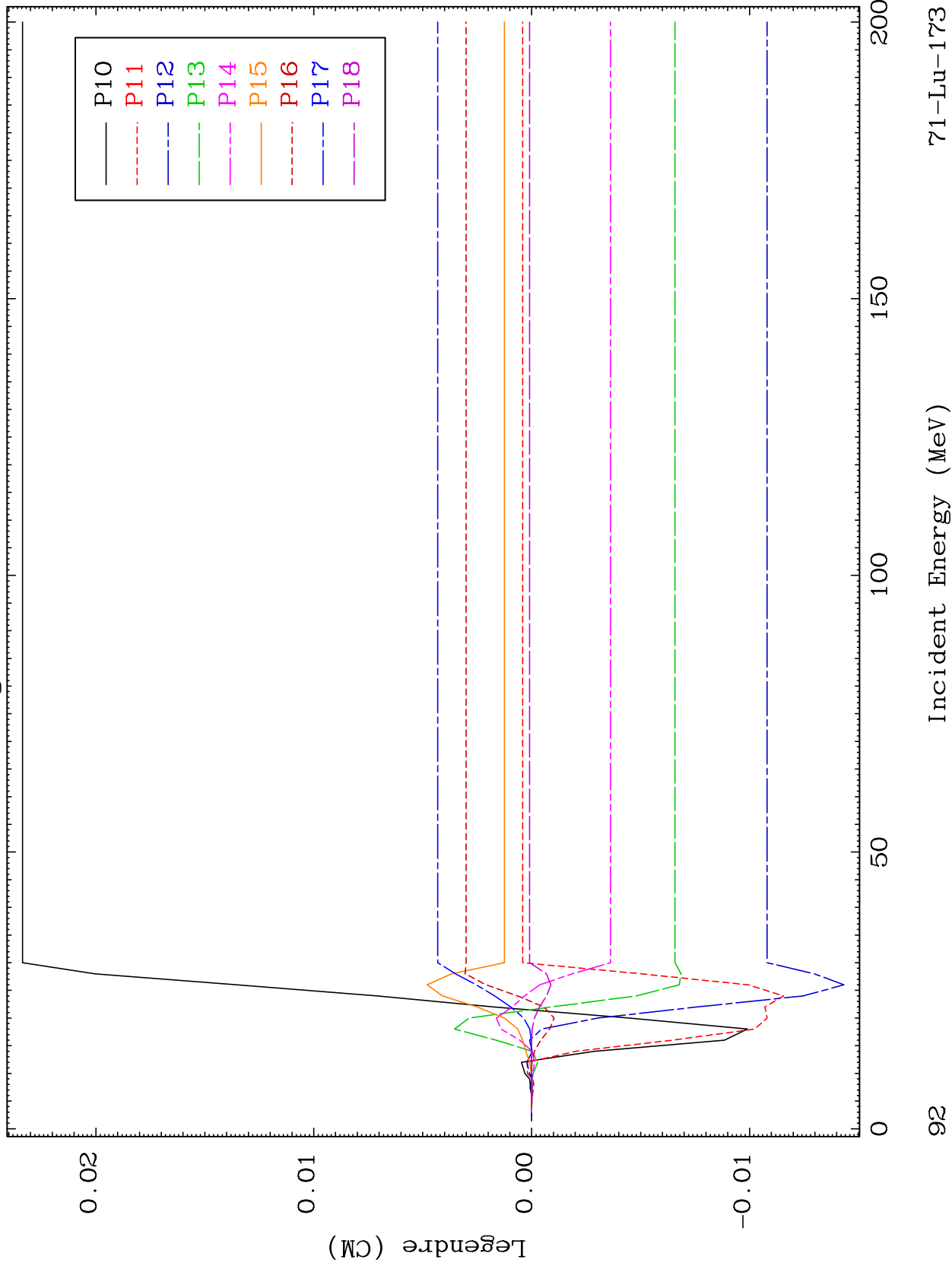
91

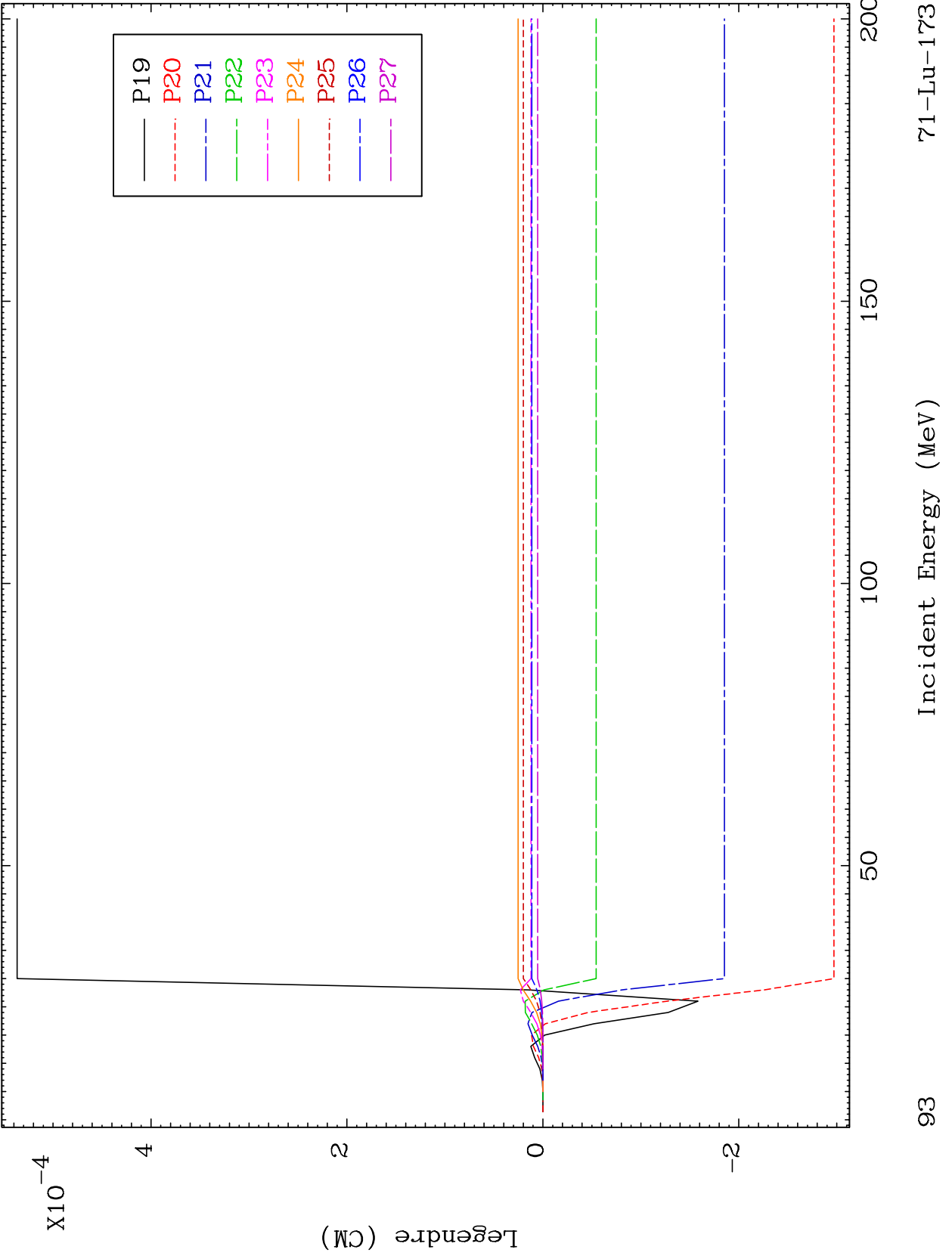
71-Lu-173

MAT 7119

606.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-173

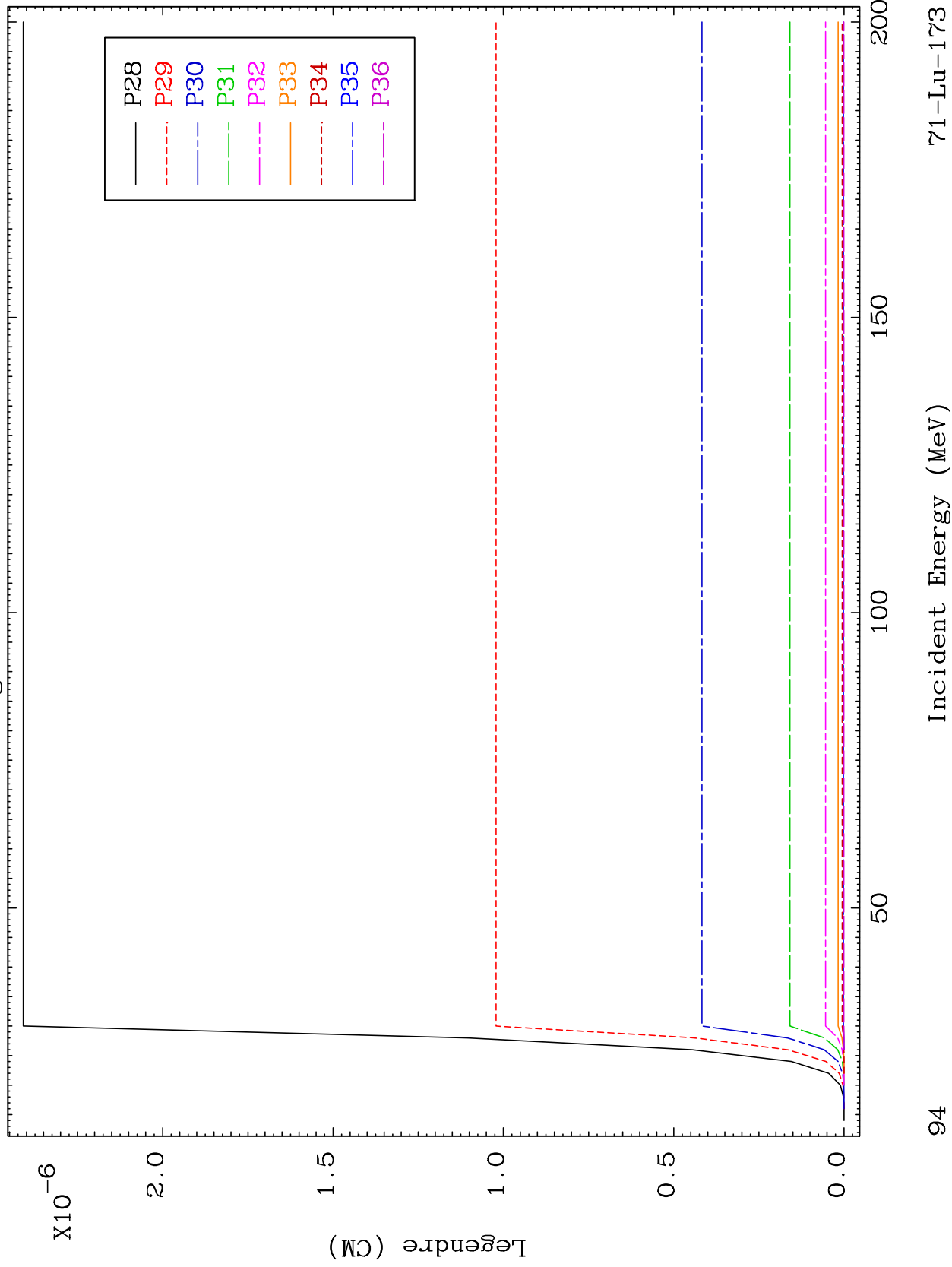


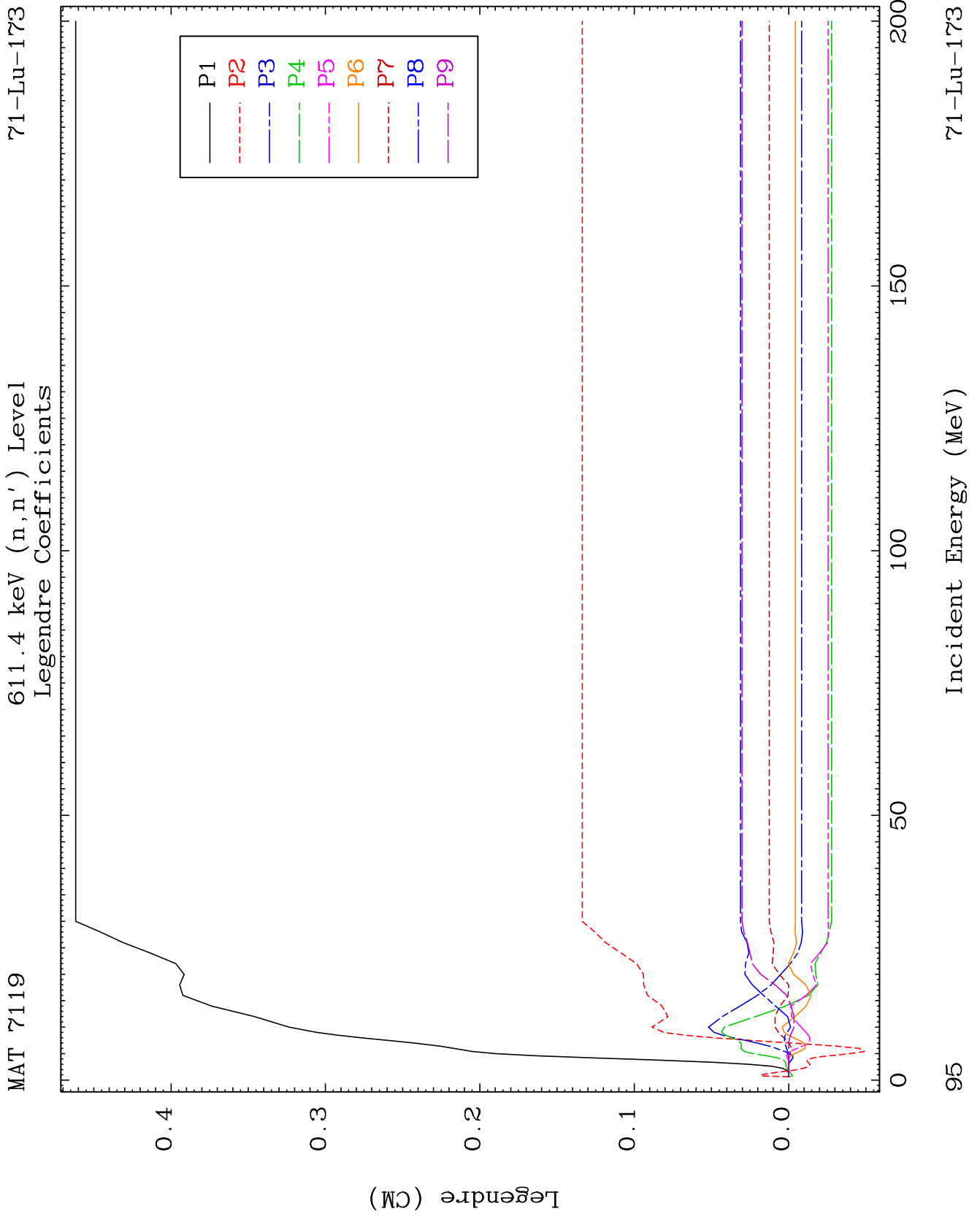


MAT 7119

606.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



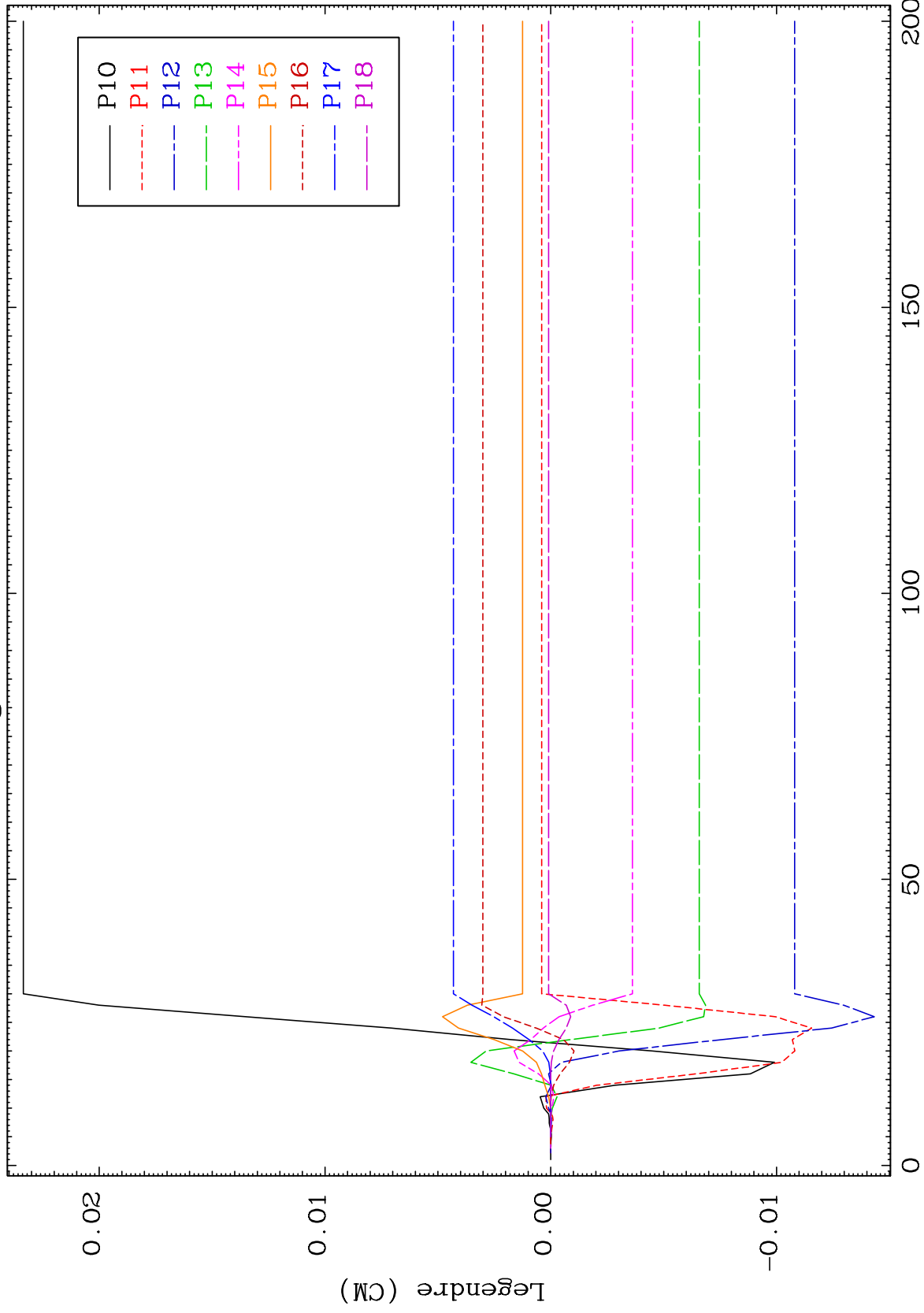




MAT 7119

611.4 keV (n,n') Level  
Legendre Coefficients

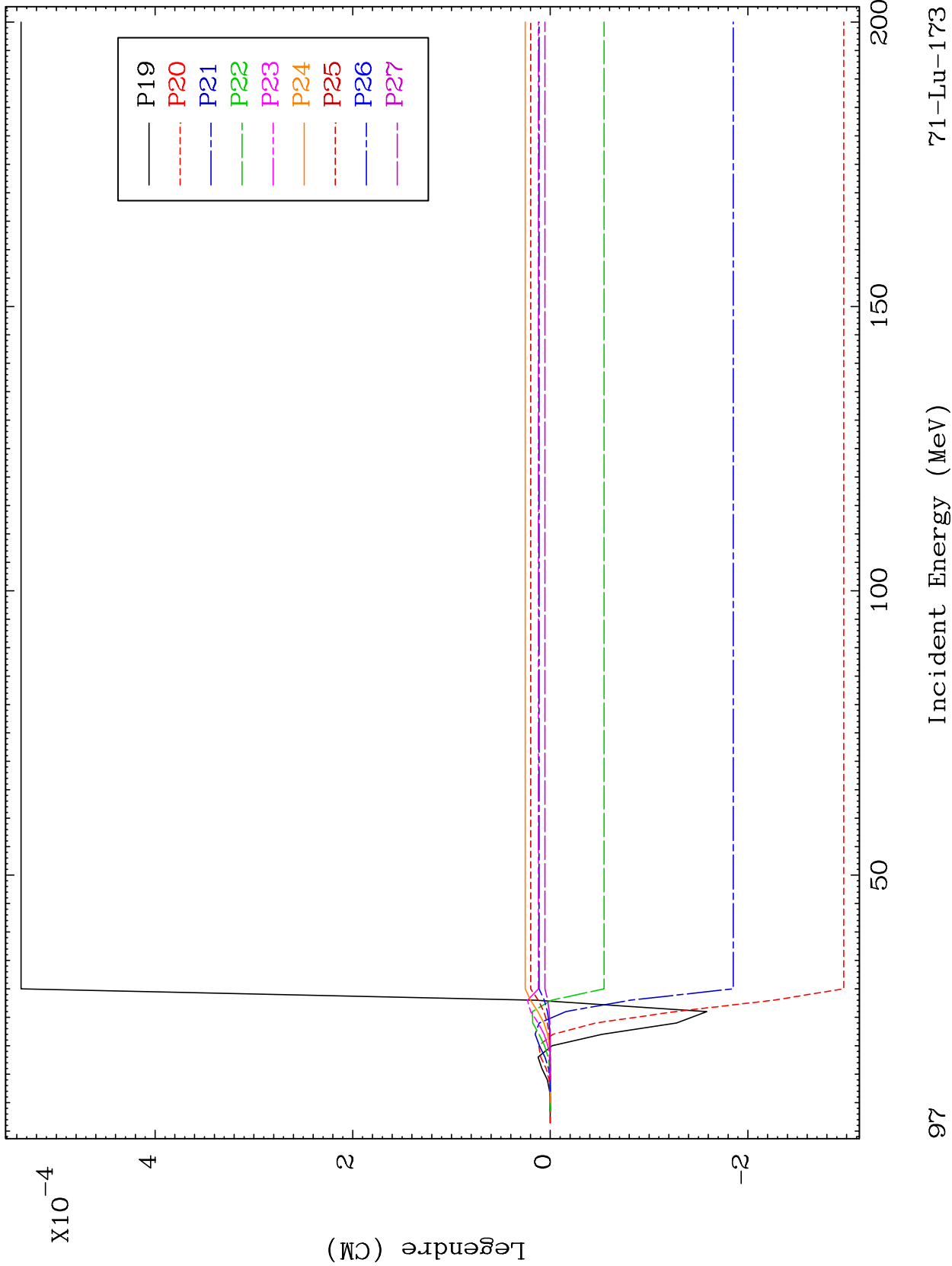
71-Lu-173



96

Incident Energy (MeV)

71-Lu-173



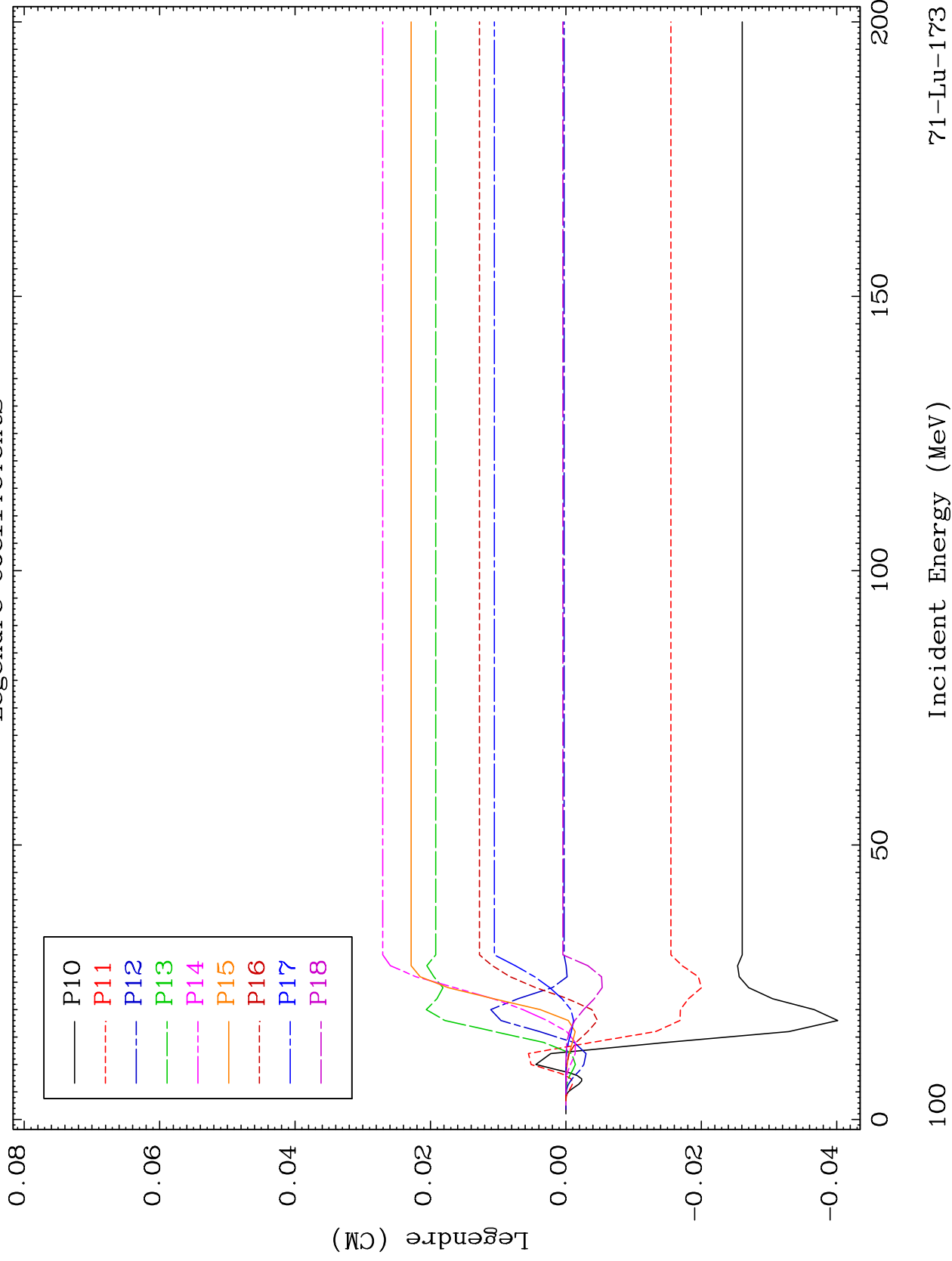




MAT 7119

654.4 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



71-Lu-173

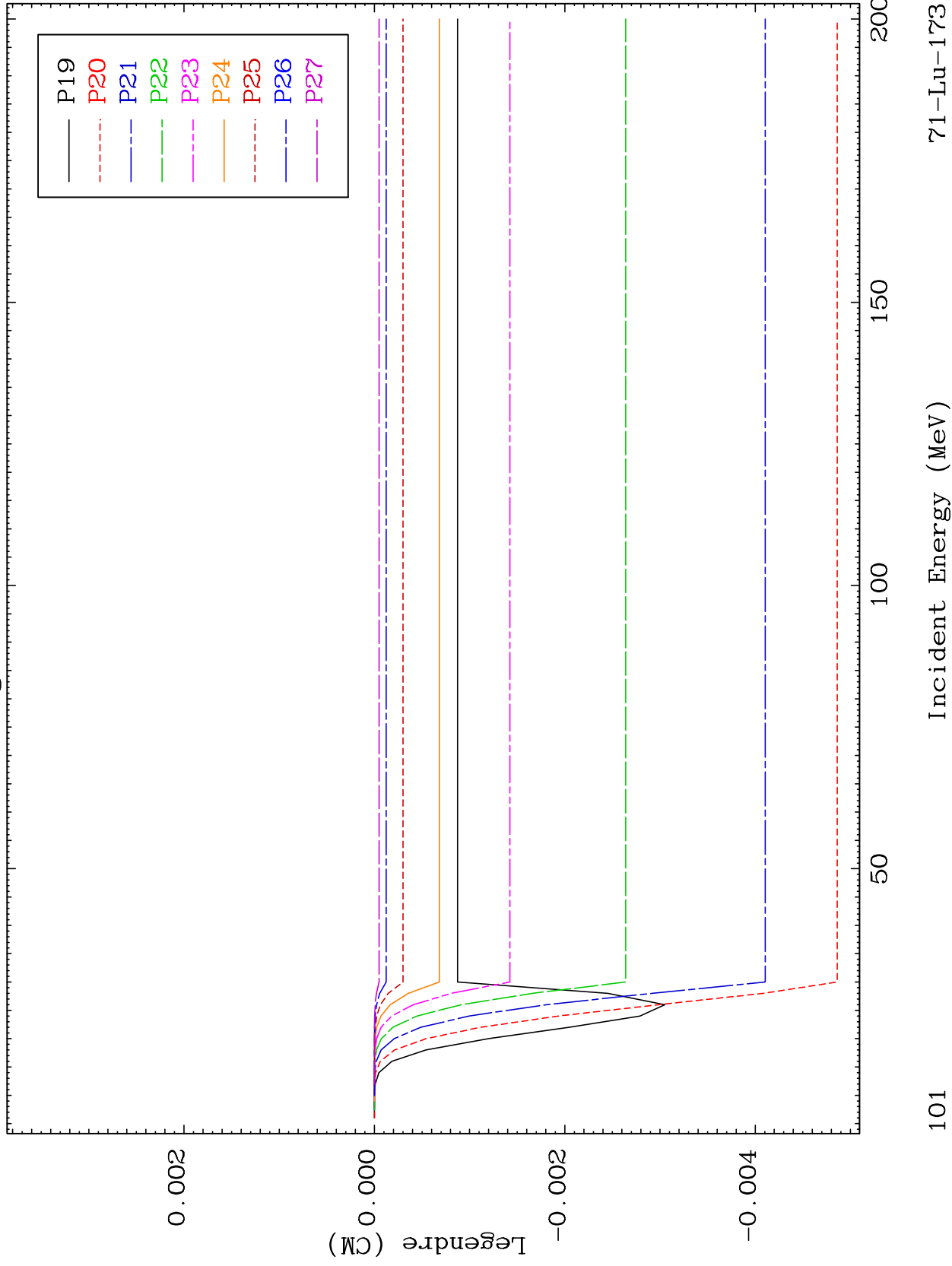
Incident Energy (MeV)

100

MAT 7119

654.4 keV (n, n') Level  
Legendre Coefficients

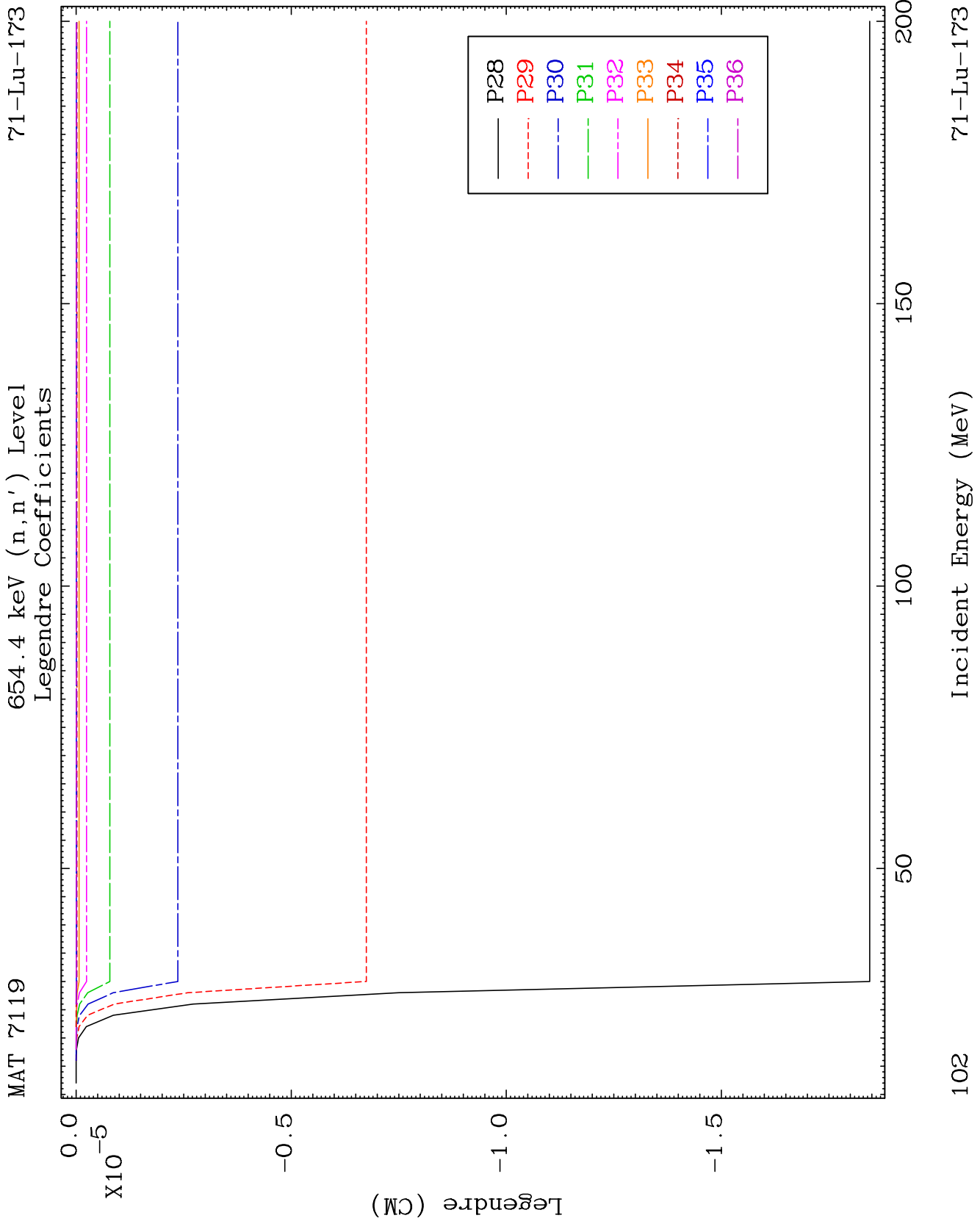
71-Lu-173



101

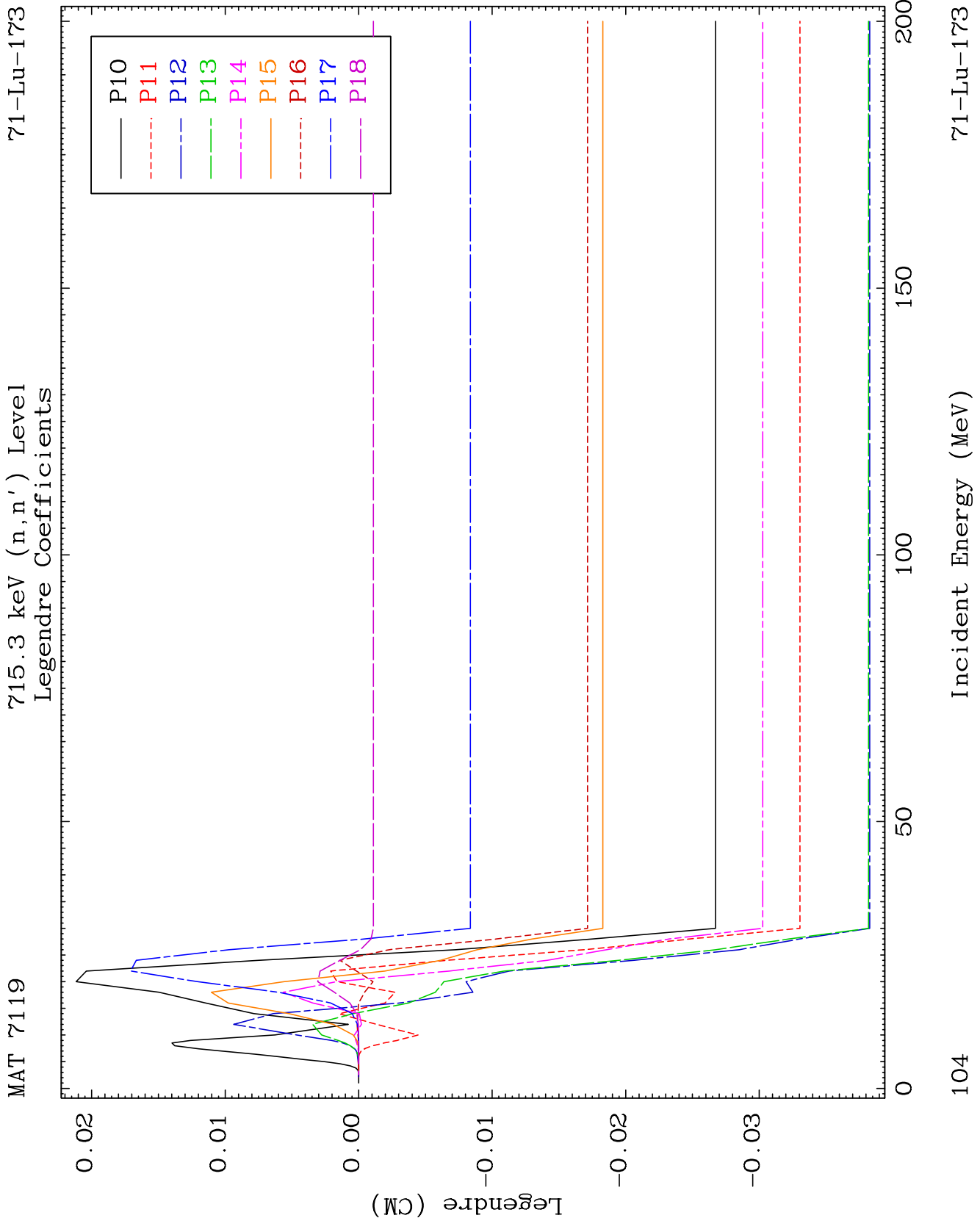
Incident Energy (MeV)

71-Lu-173





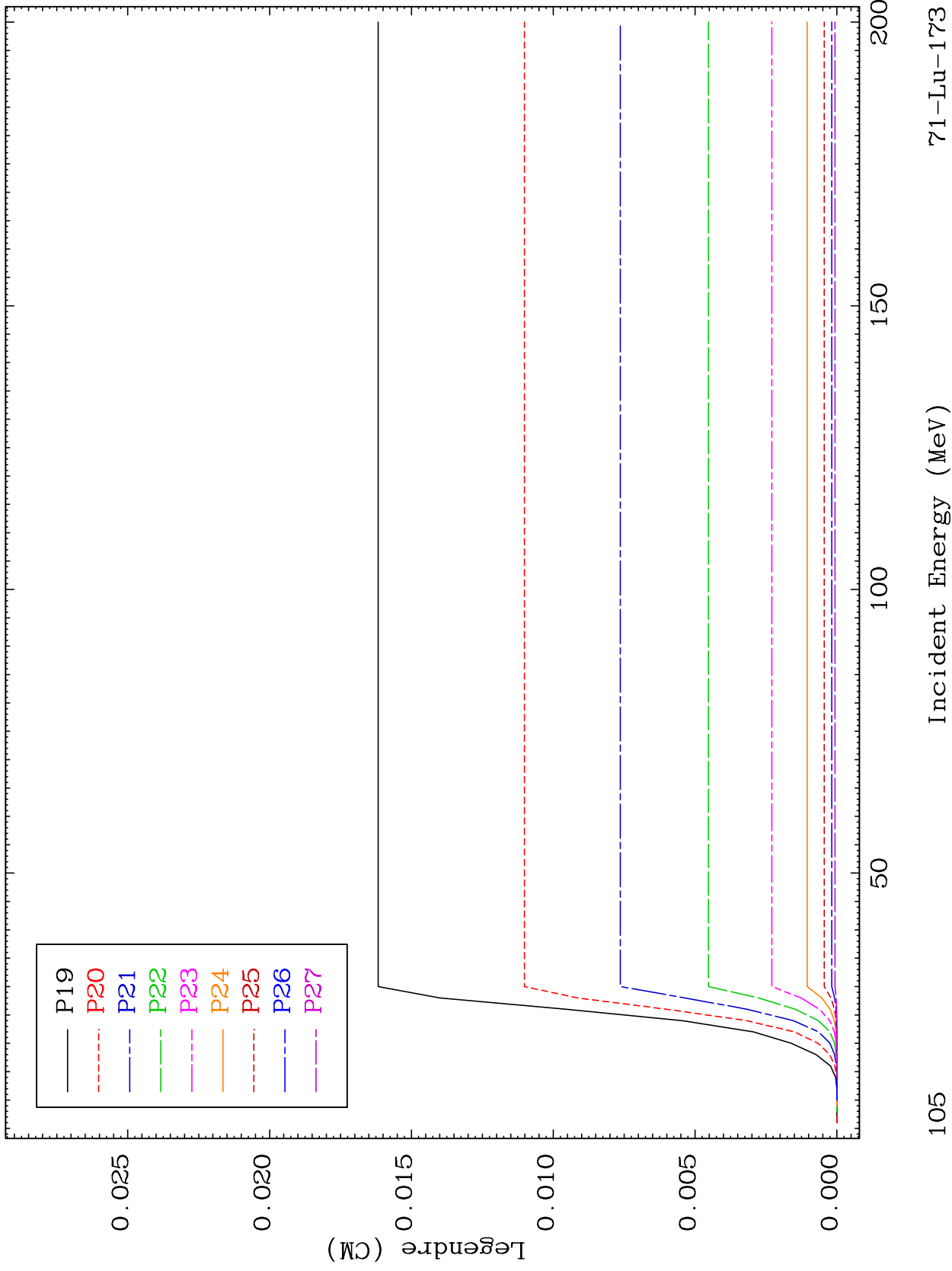




MAT 7119

715.3 keV (n,n') Level  
Legendre Coefficients

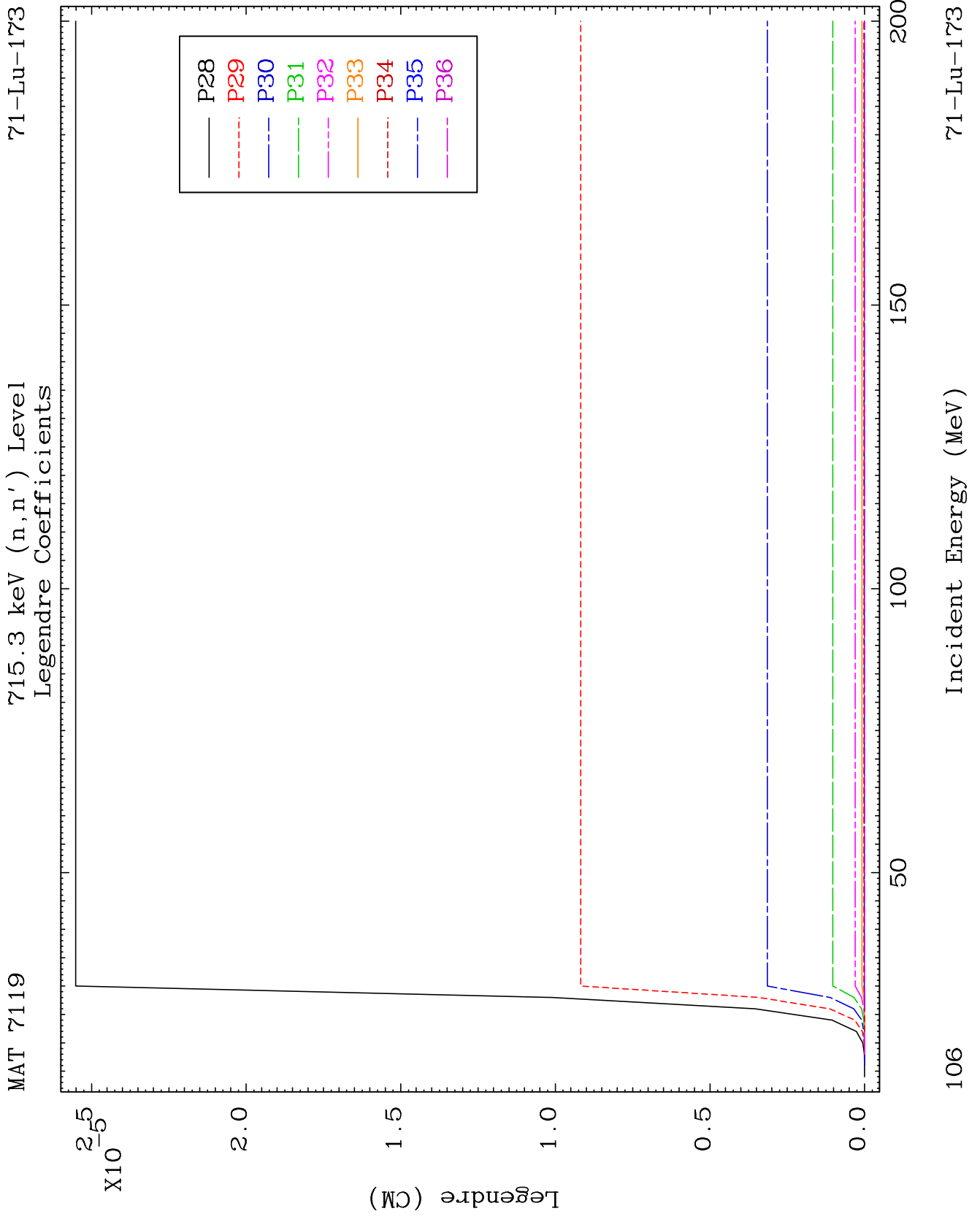
71-Lu-173

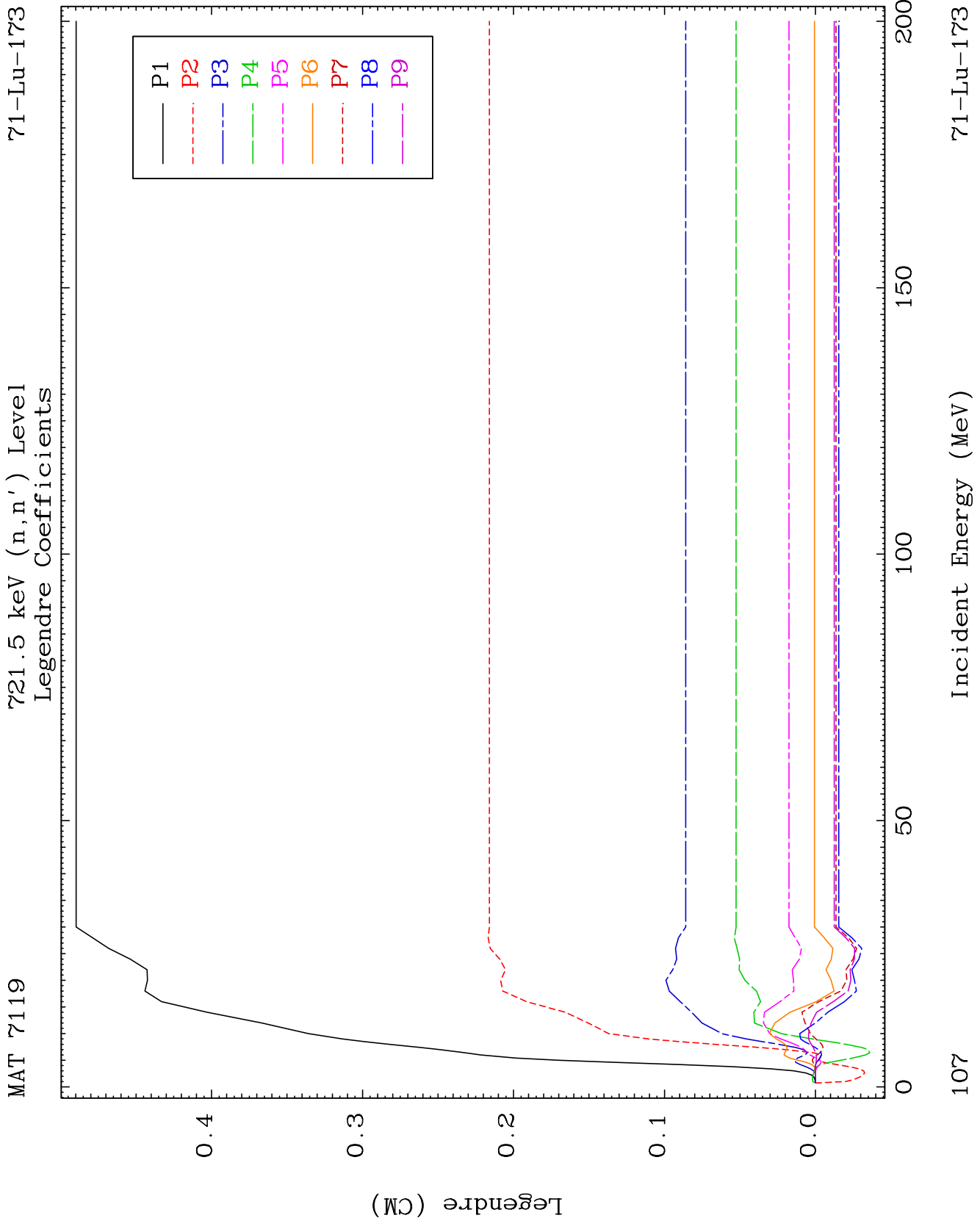


105

Incident Energy (MeV)

71-Lu-173

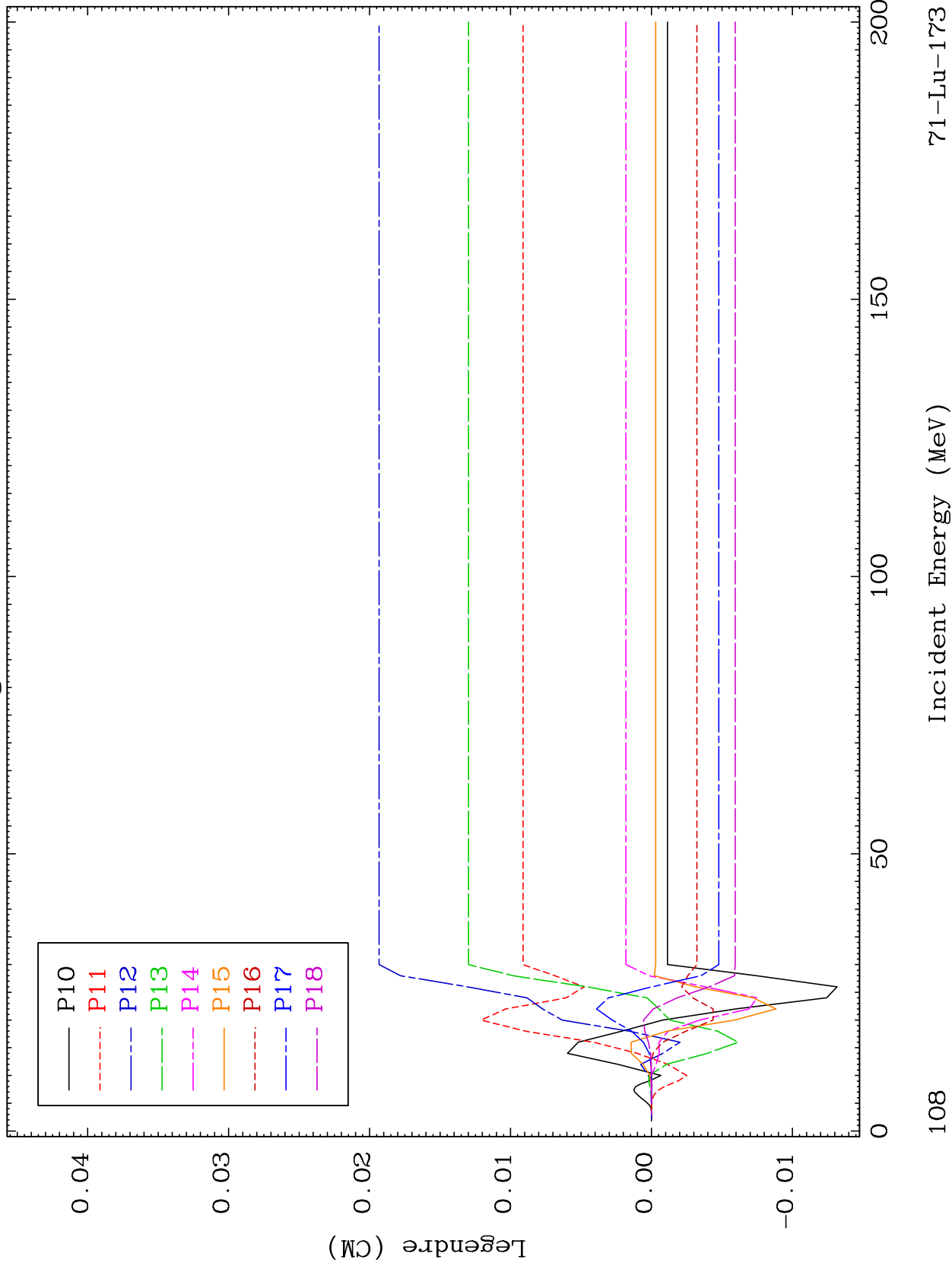




MAT 7119

721.5 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



71-Lu-173

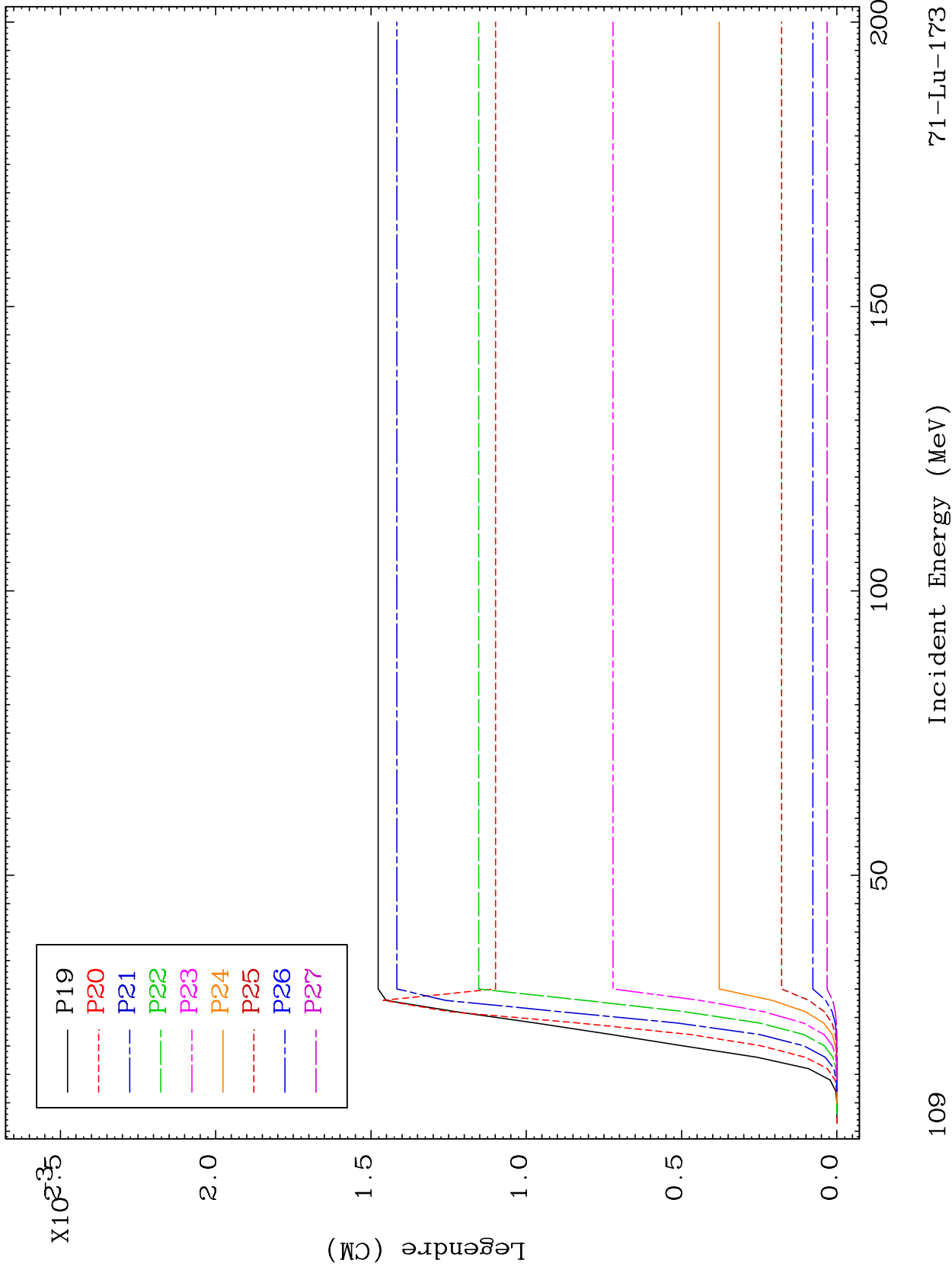
Incident Energy (MeV)

108

MAT 7119

721.5 keV (n,n') Level  
Legendre Coefficients

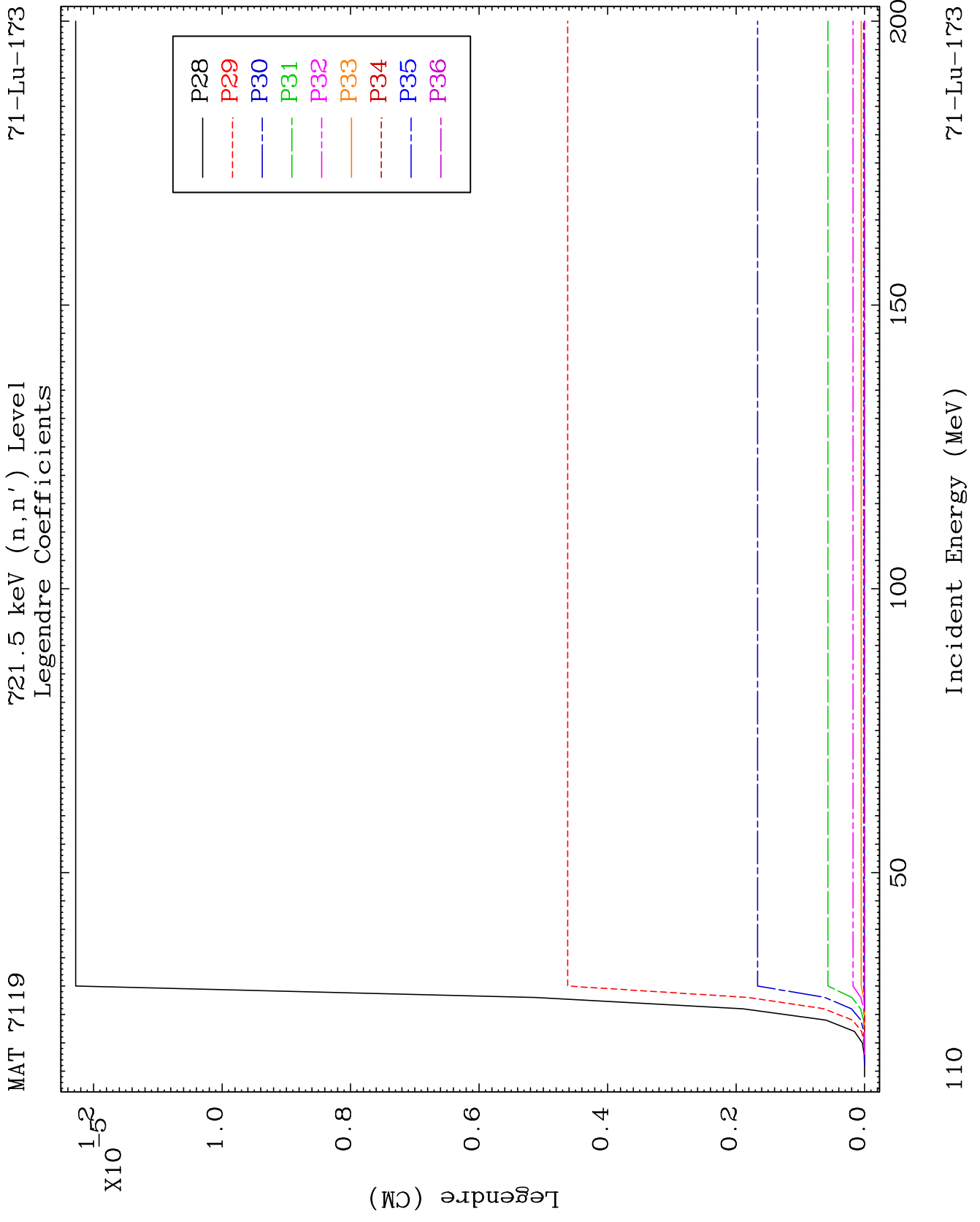
71-Lu-173

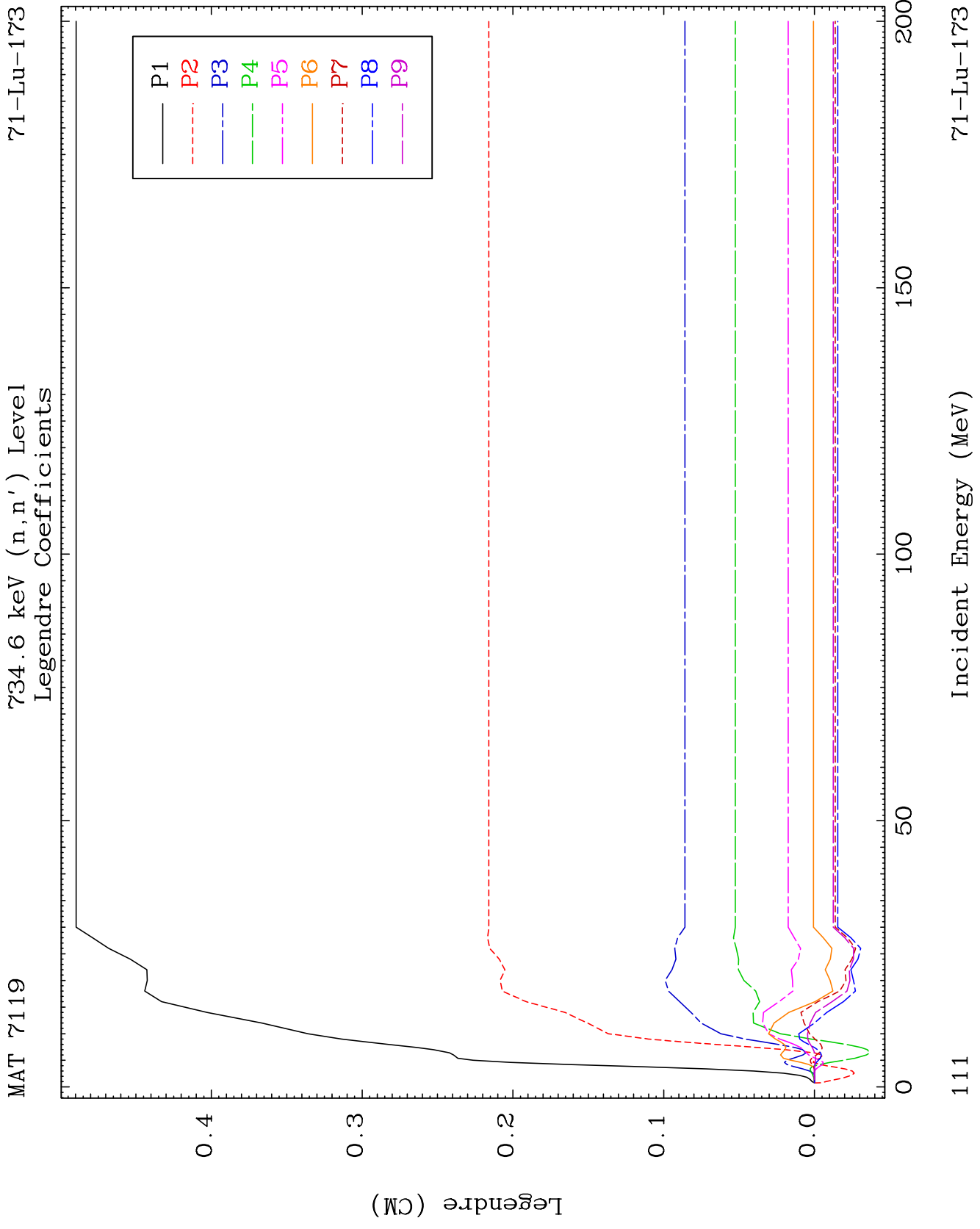


109

Incident Energy (MeV)

71-Lu-173



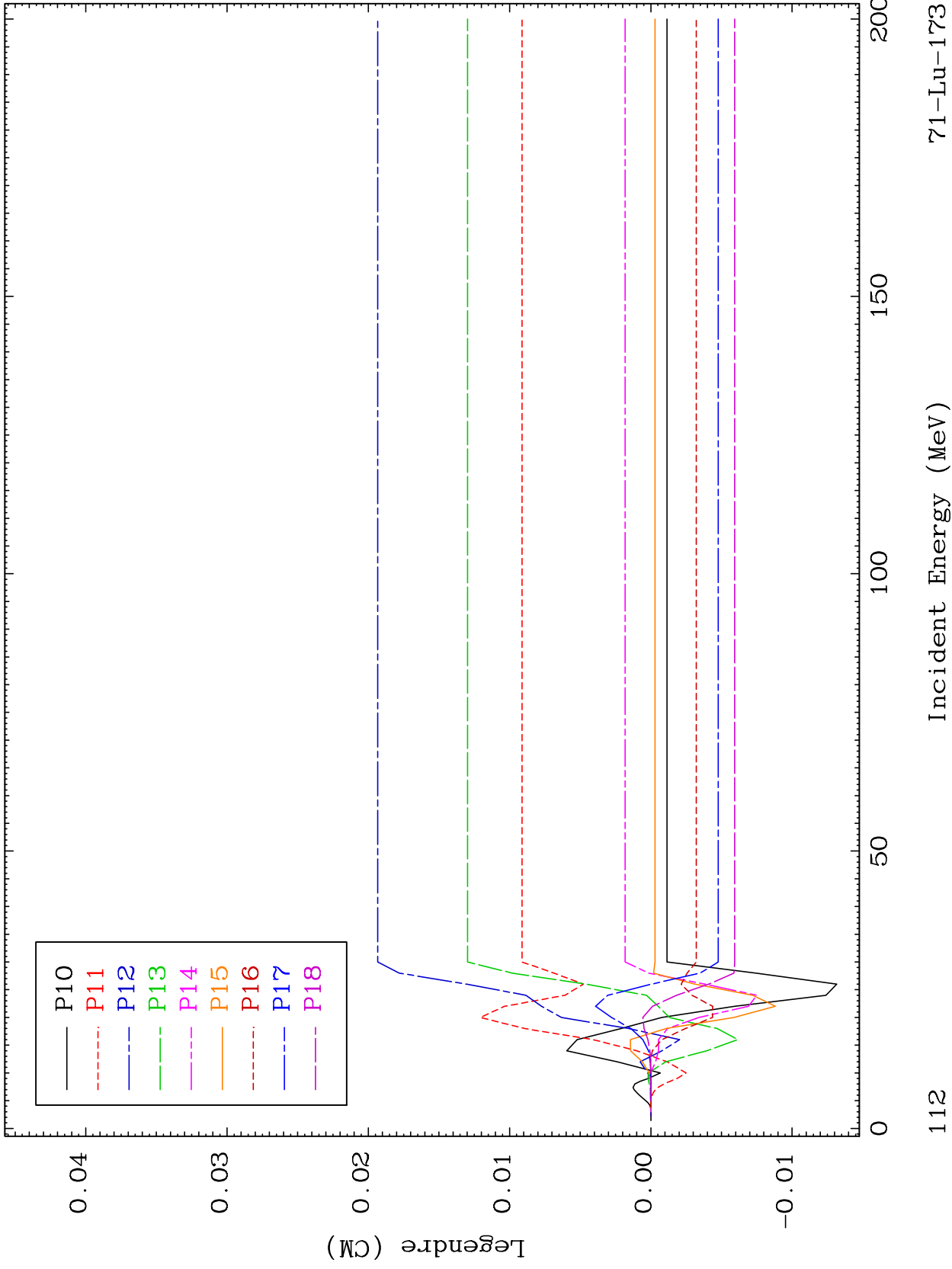




MAT 7119

734.6 keV (n, n') Level  
Legendre Coefficients

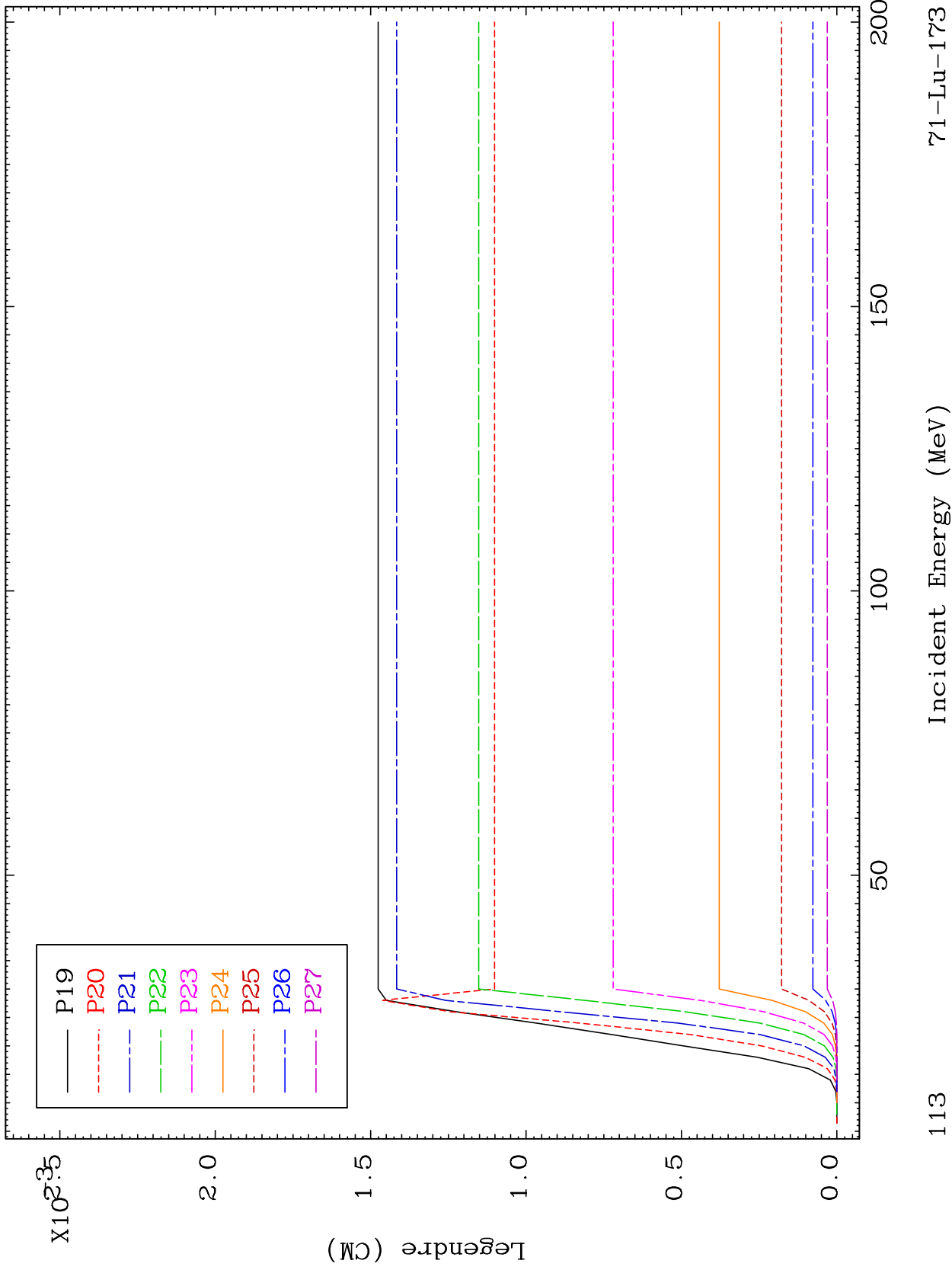
71-Lu-173

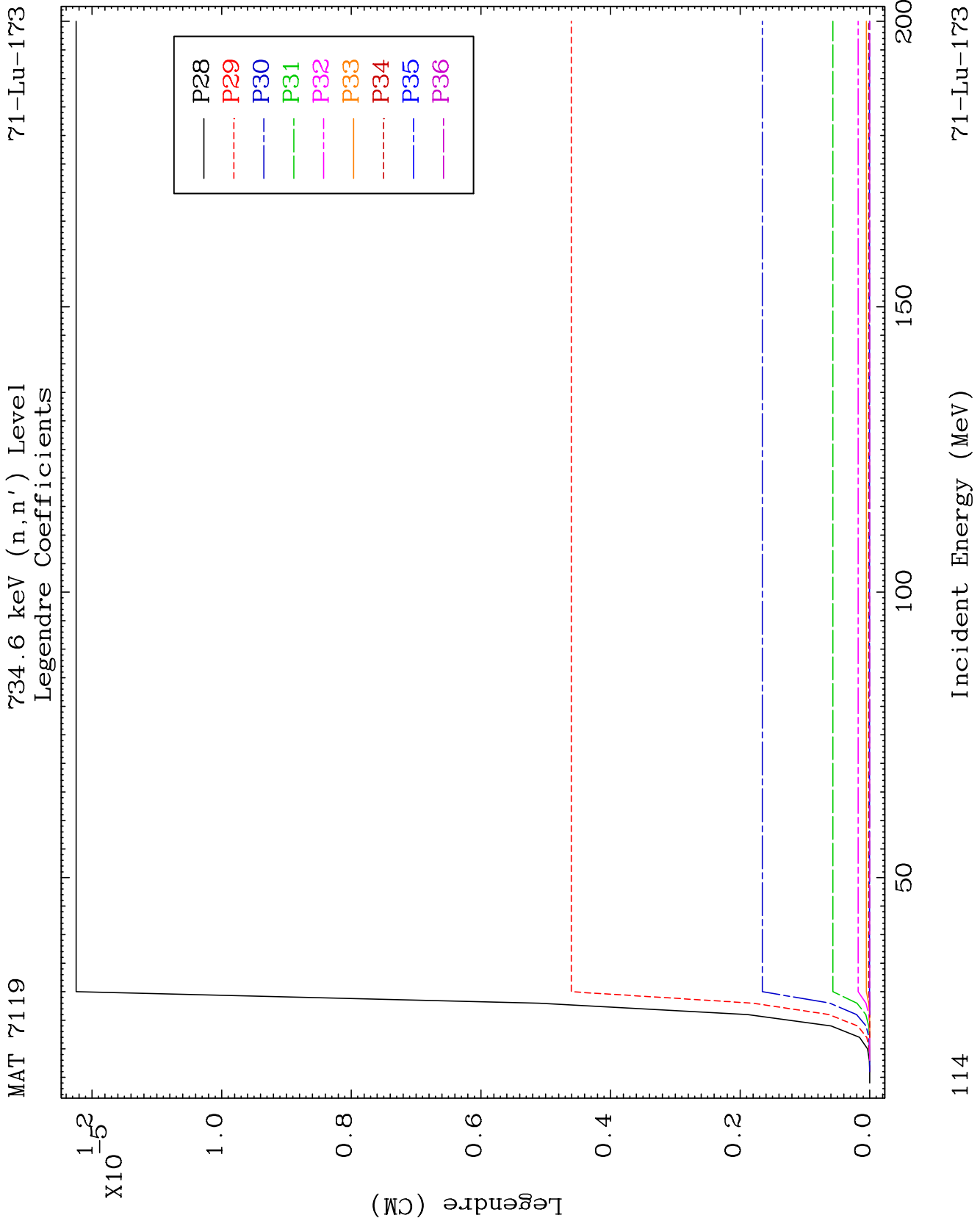


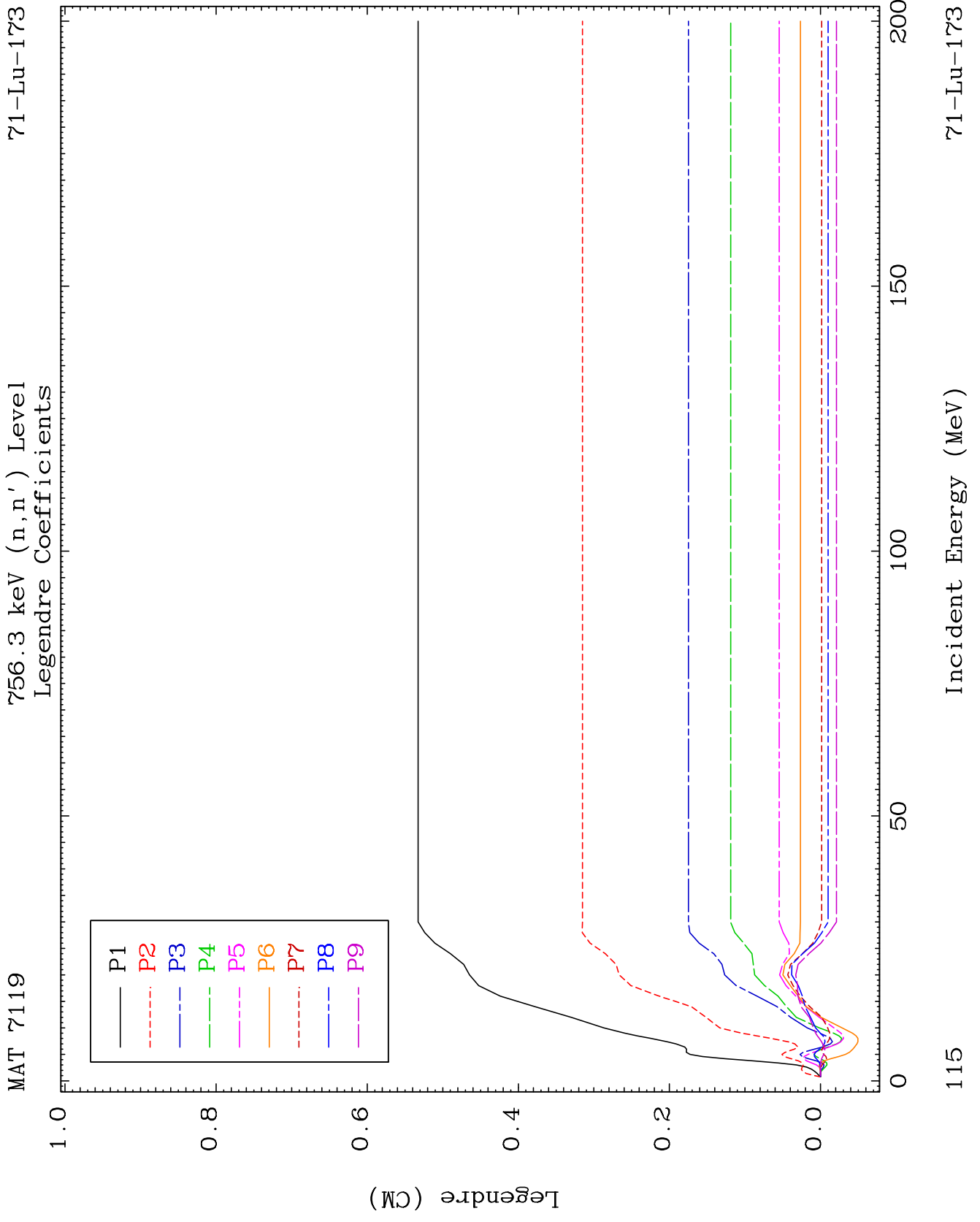
112

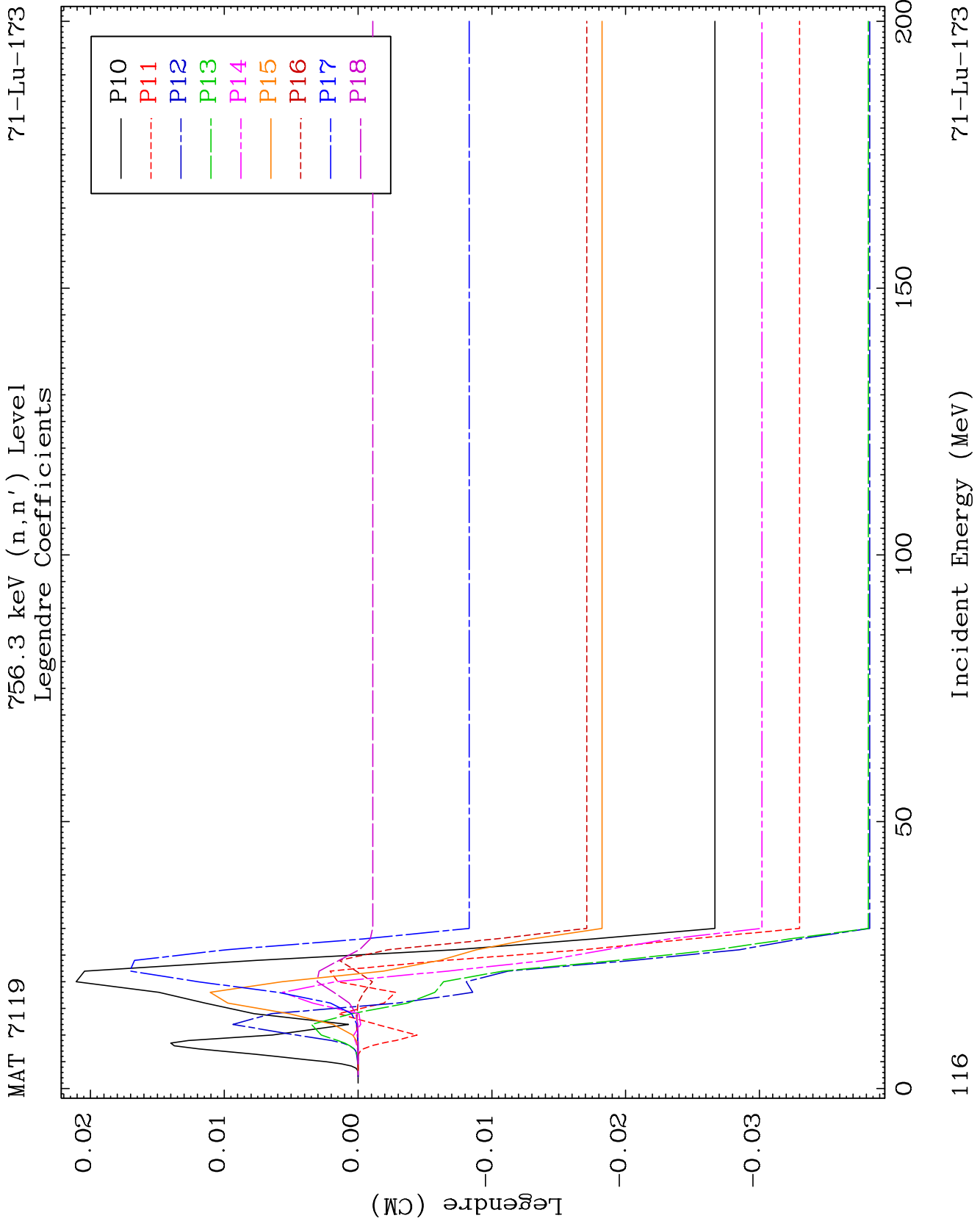
Incident Energy (MeV)

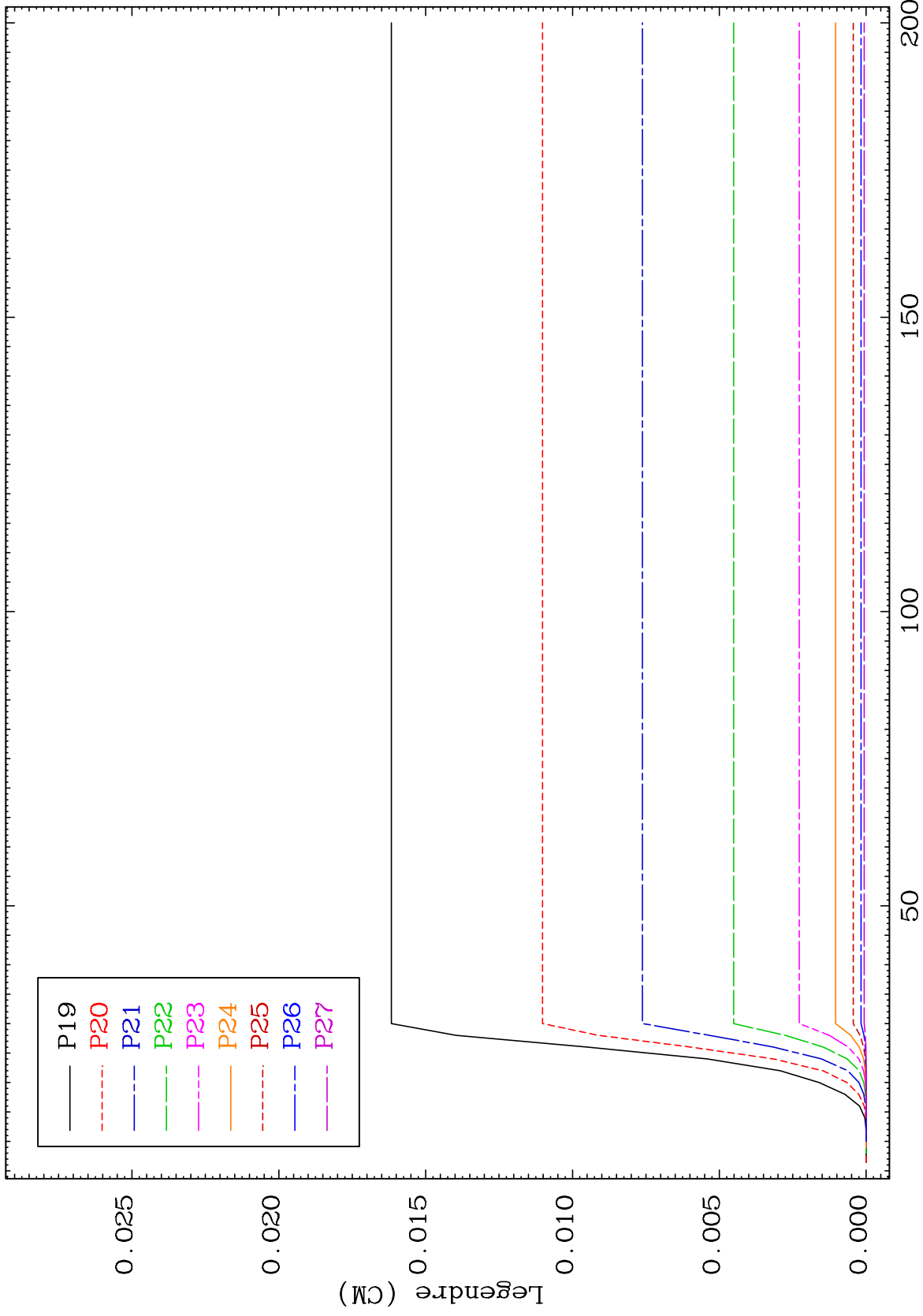
71-Lu-173

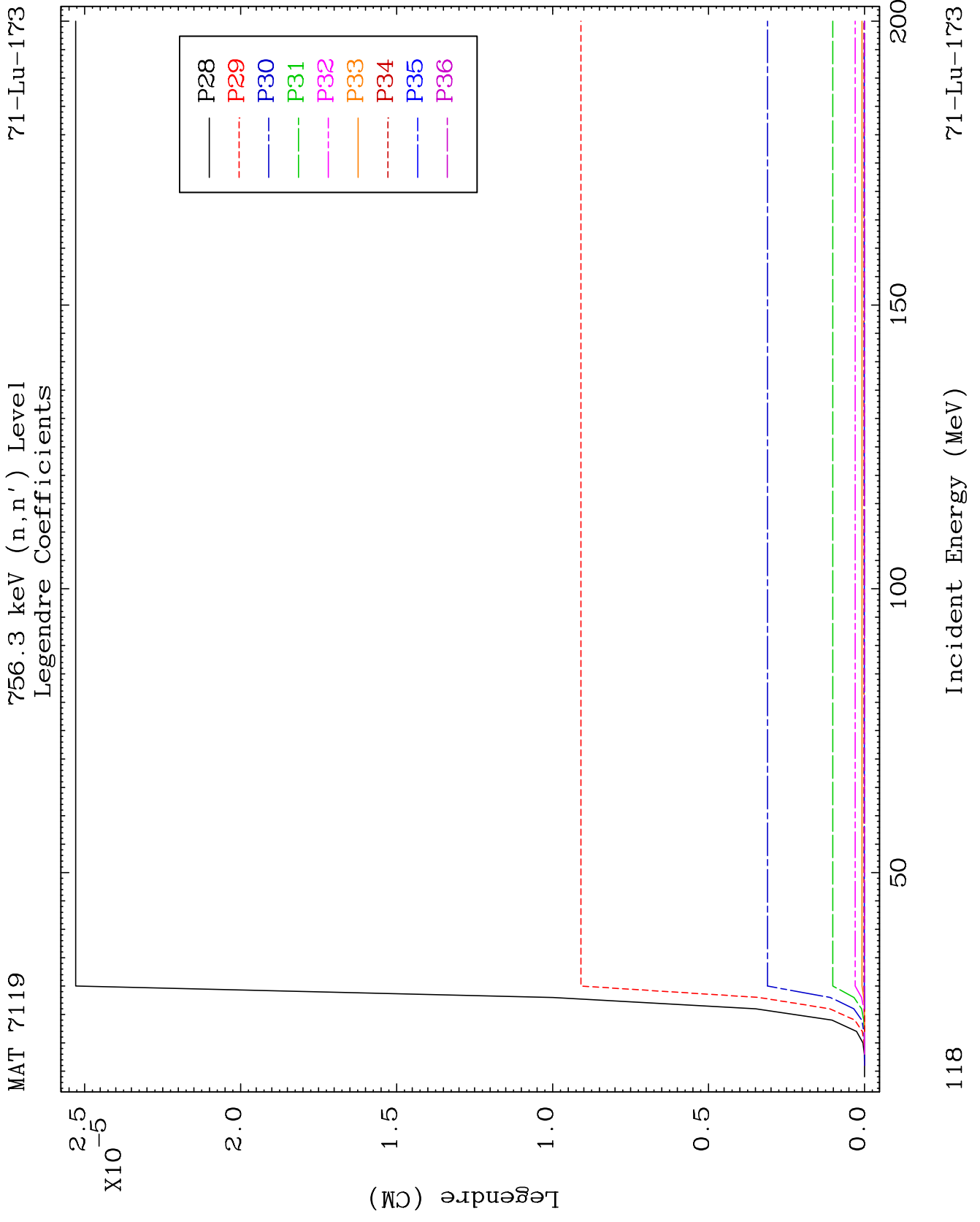


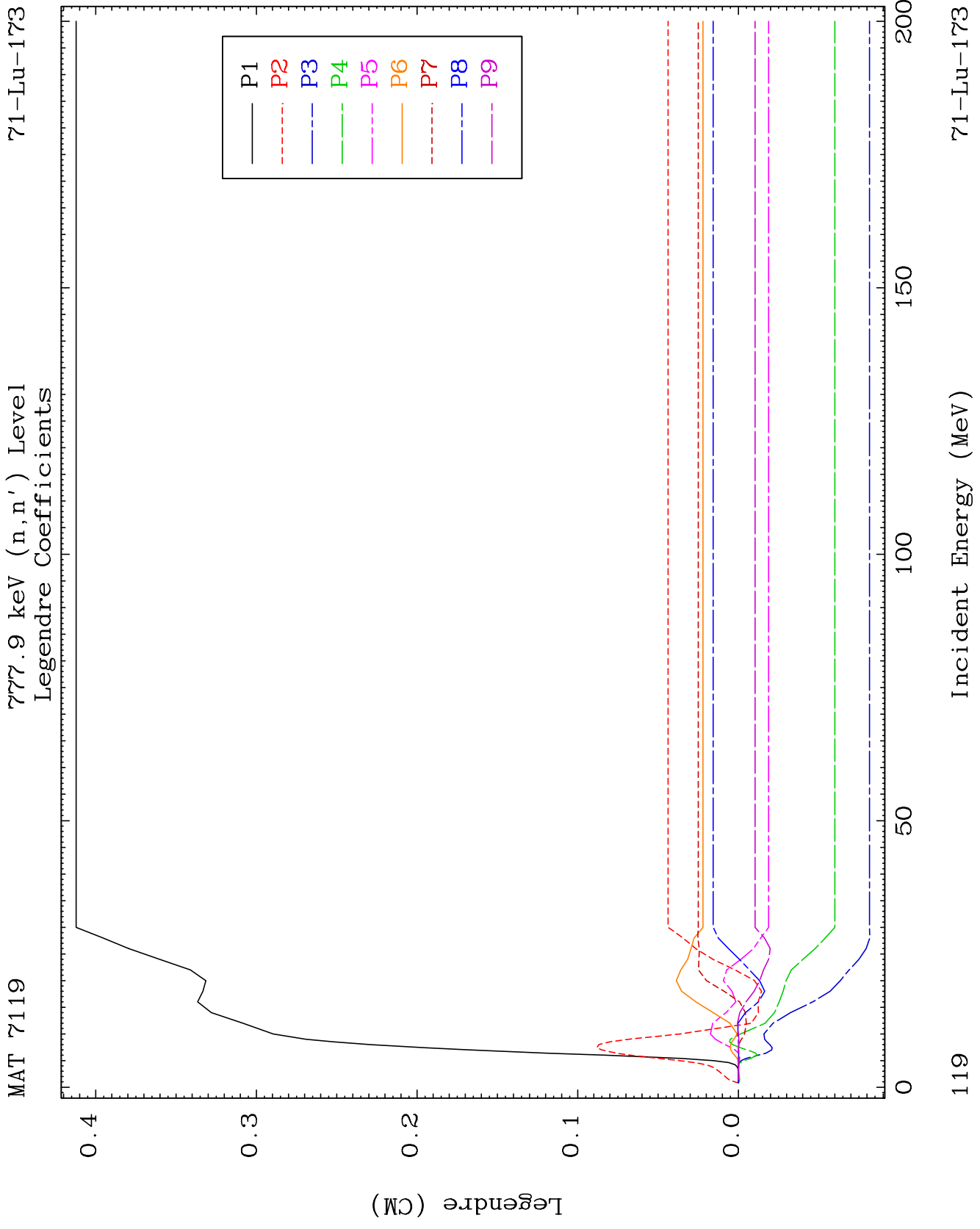






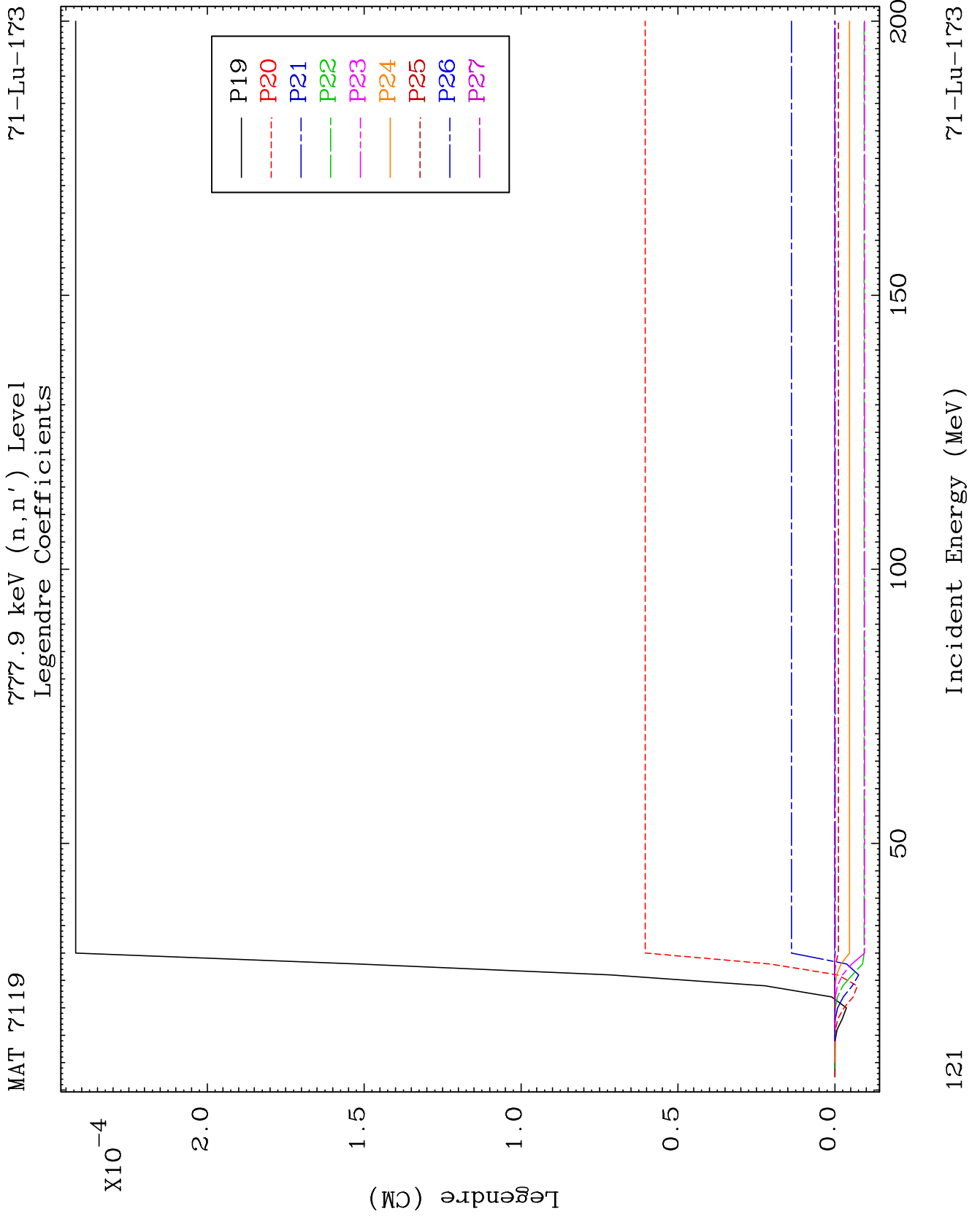








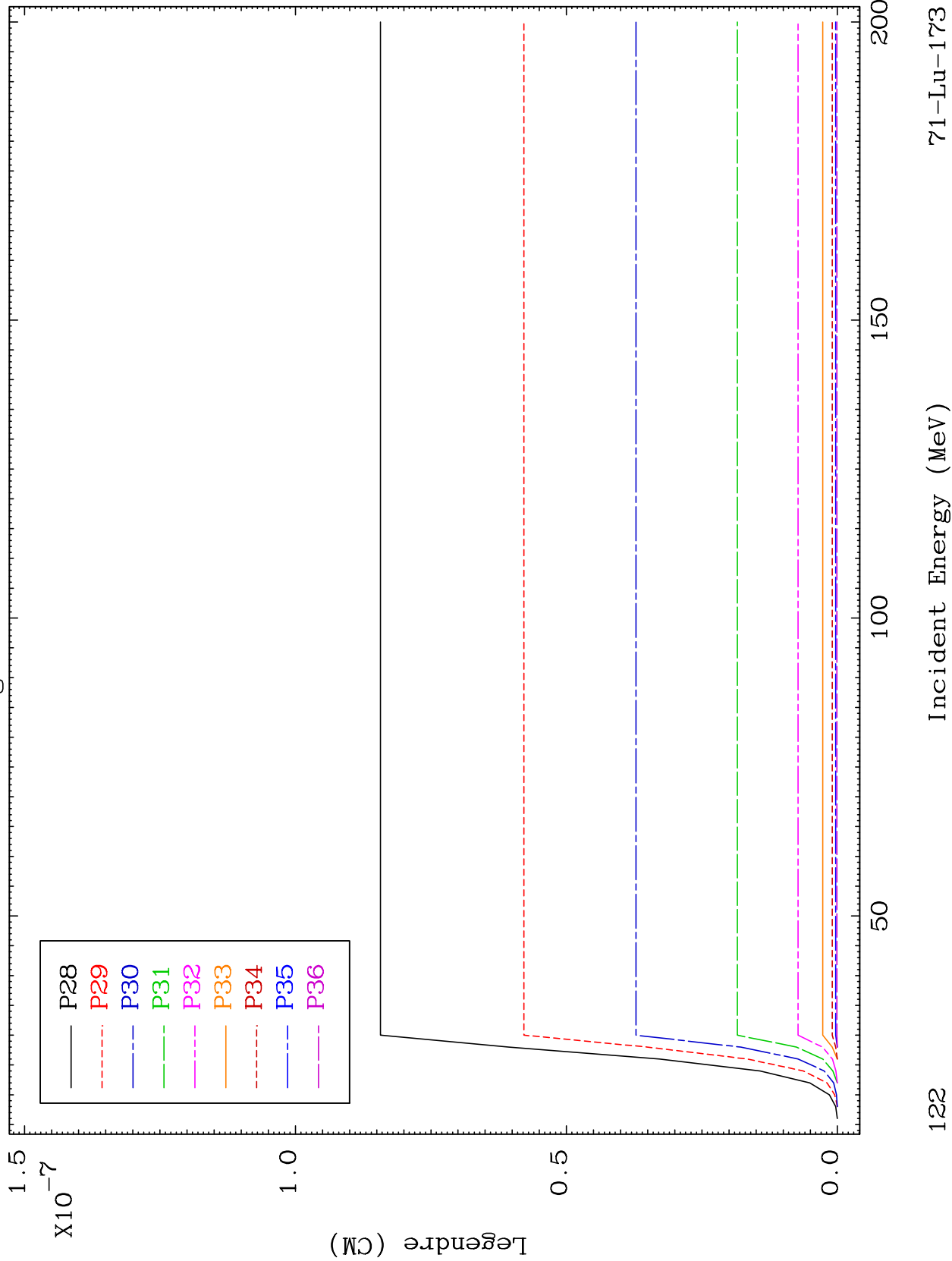




MAT 7119

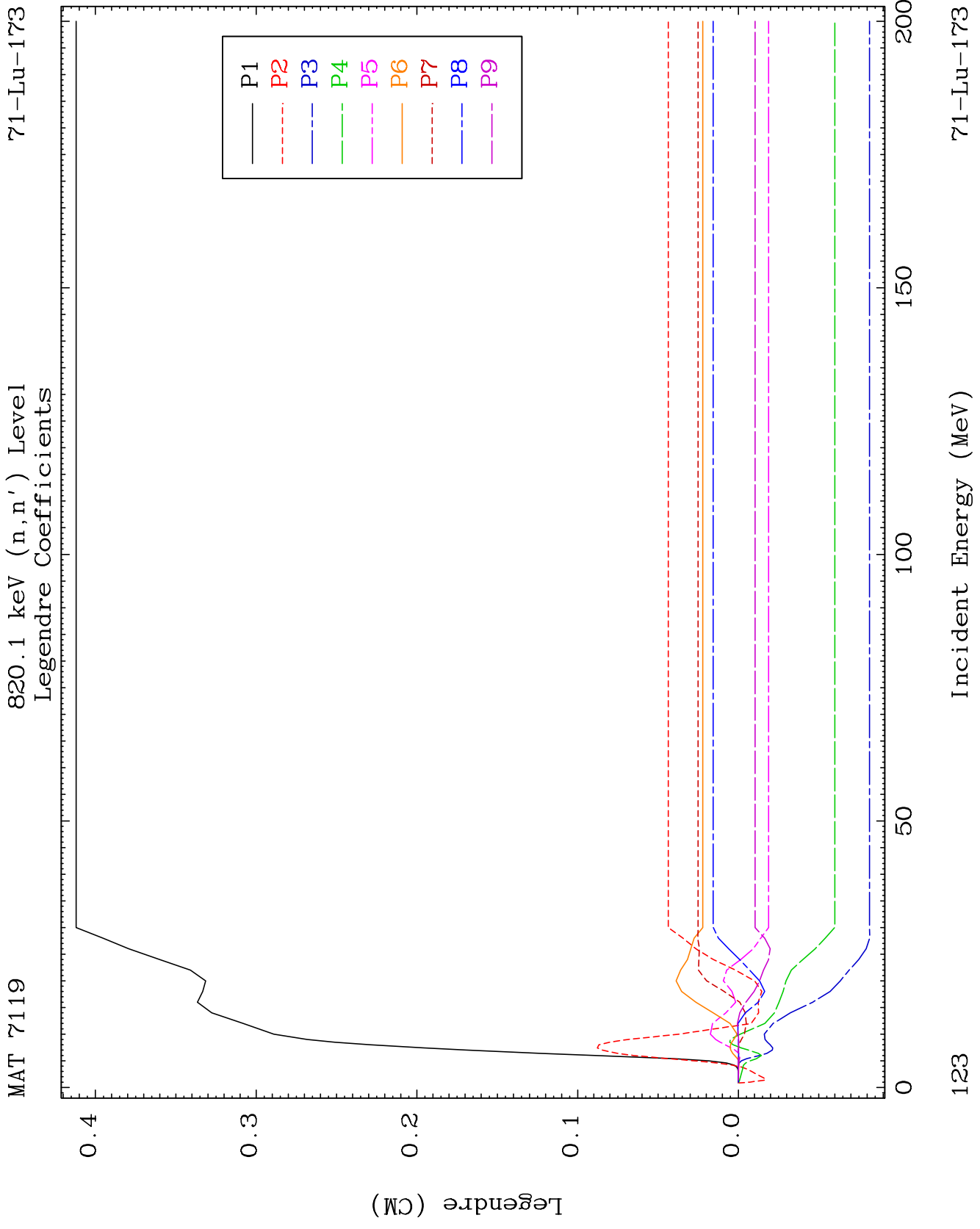
777.9 keV (n,n') Level  
Legendre Coefficients

71-Lu-173

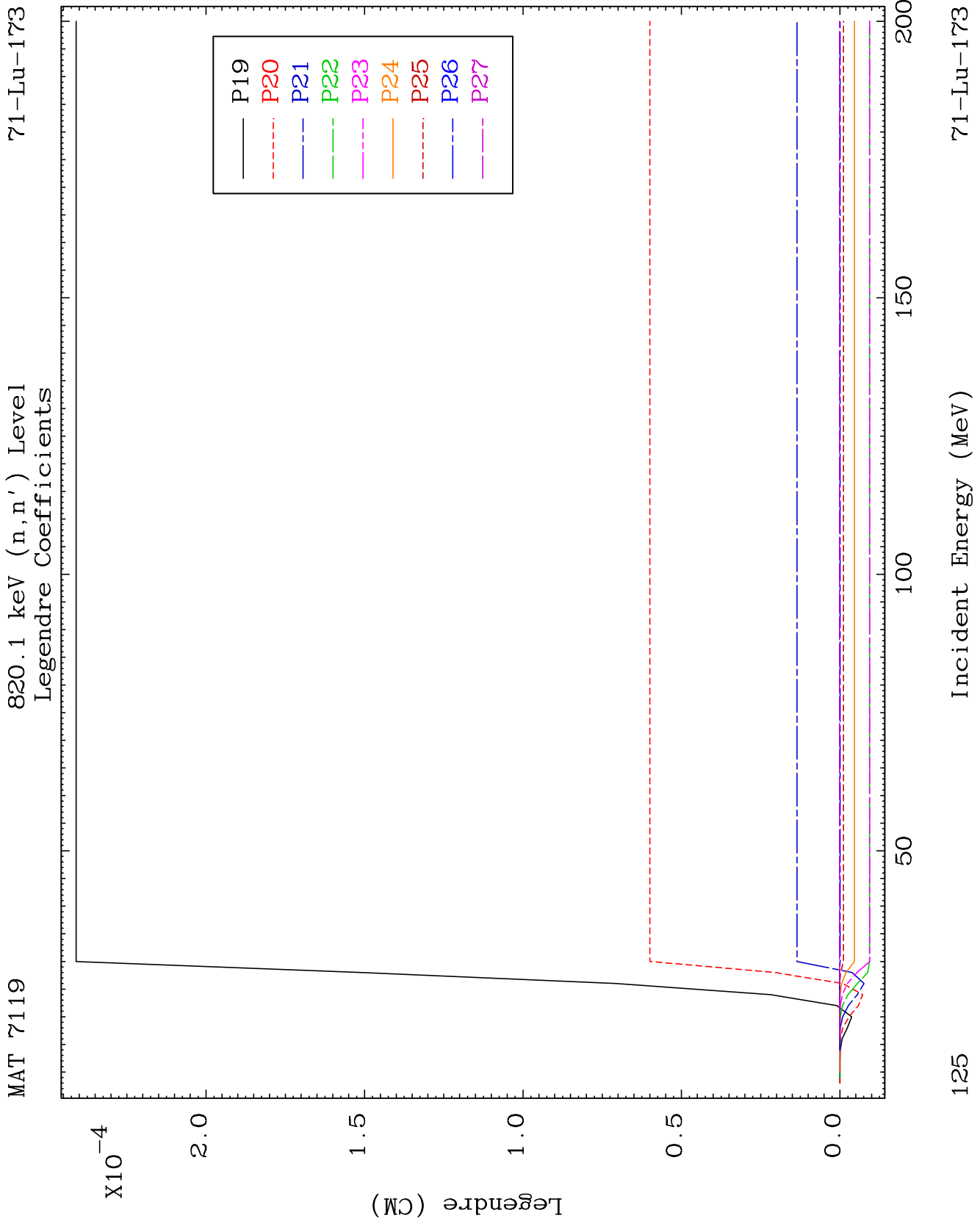


122

71-Lu-173



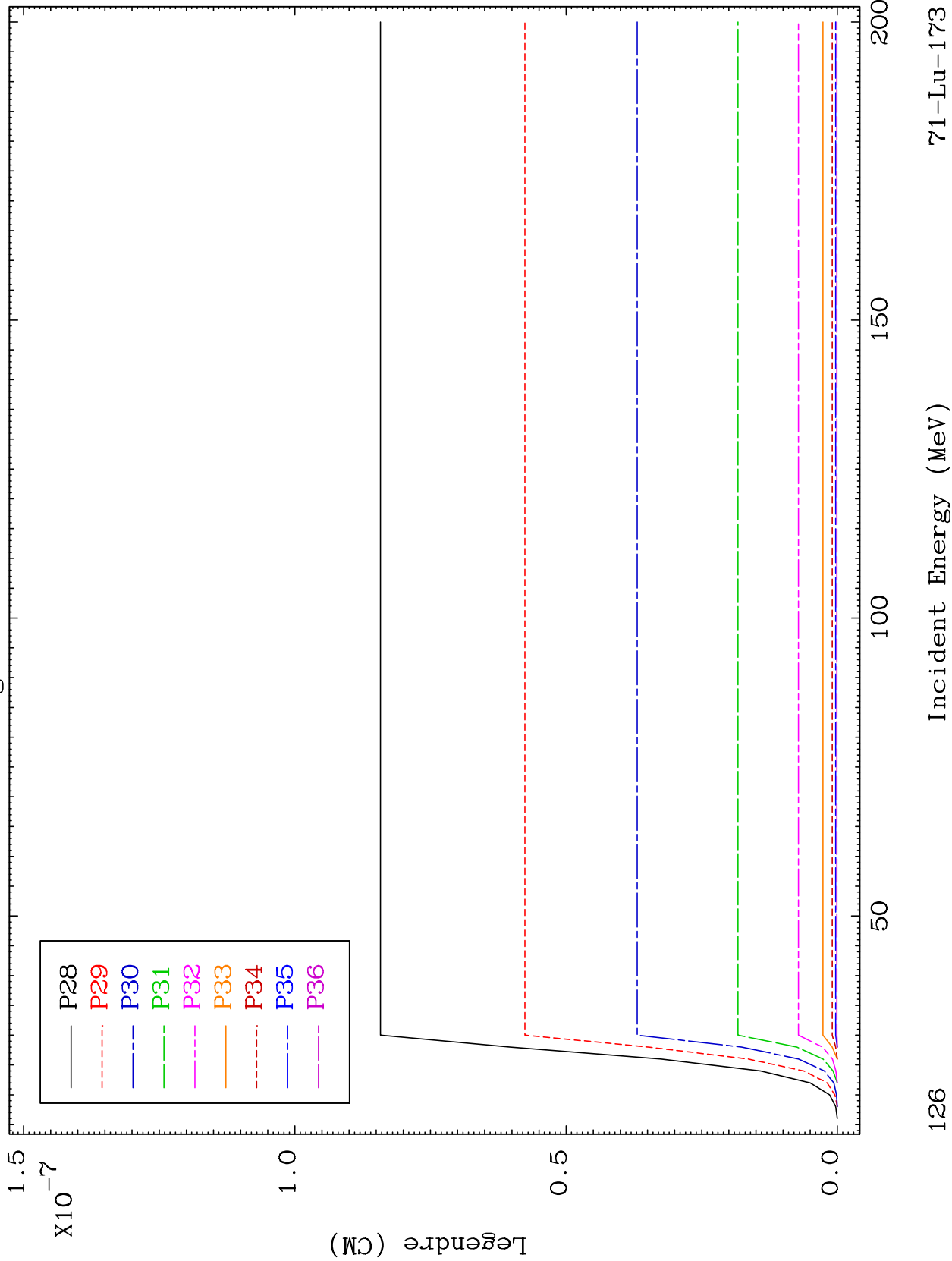




MAT 7119

820.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



126

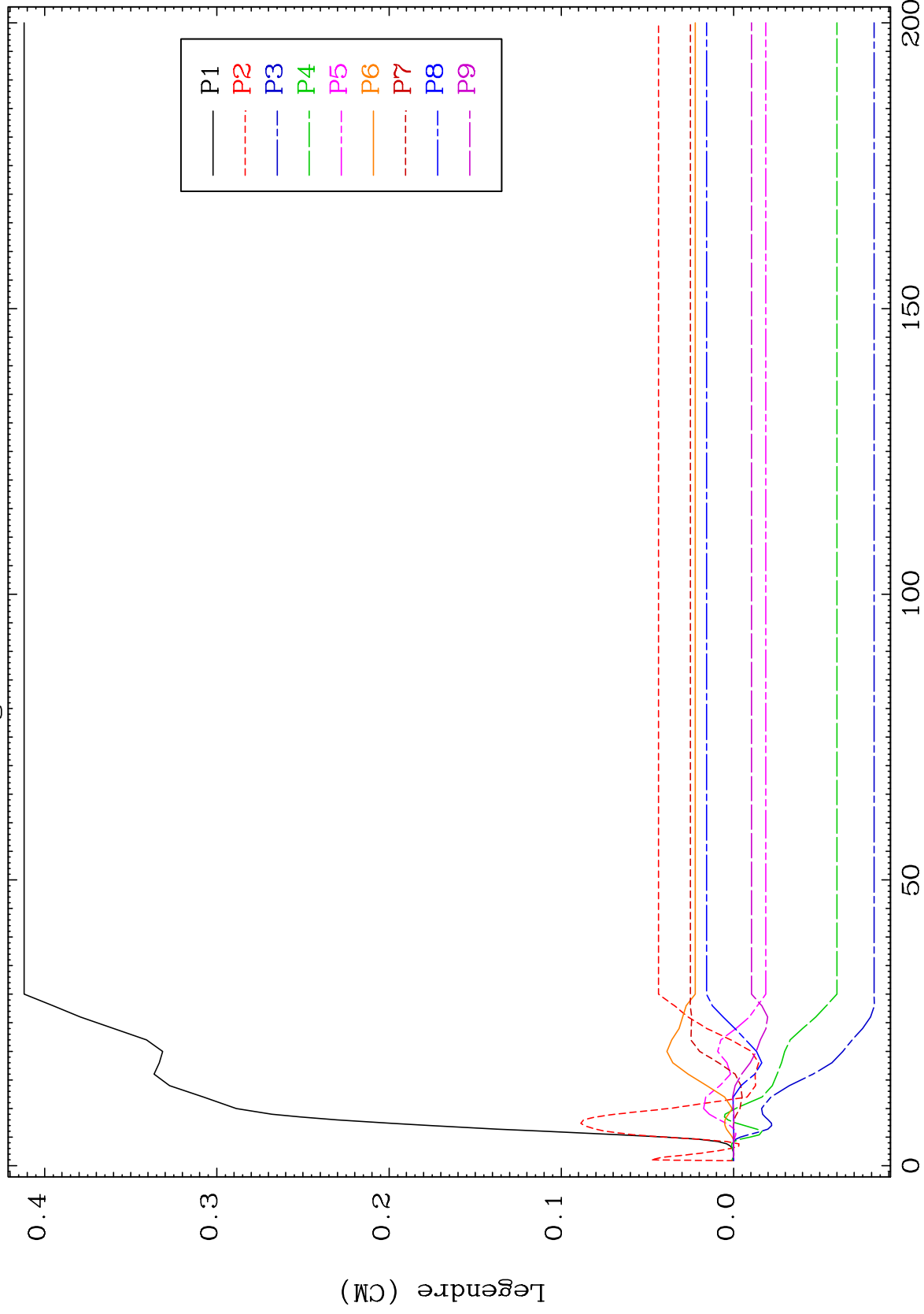
Incident Energy (MeV)

71-Lu-173

MAT 7119

852.2 keV (n, n') Level  
Legendre Coefficients

71-Lu-173



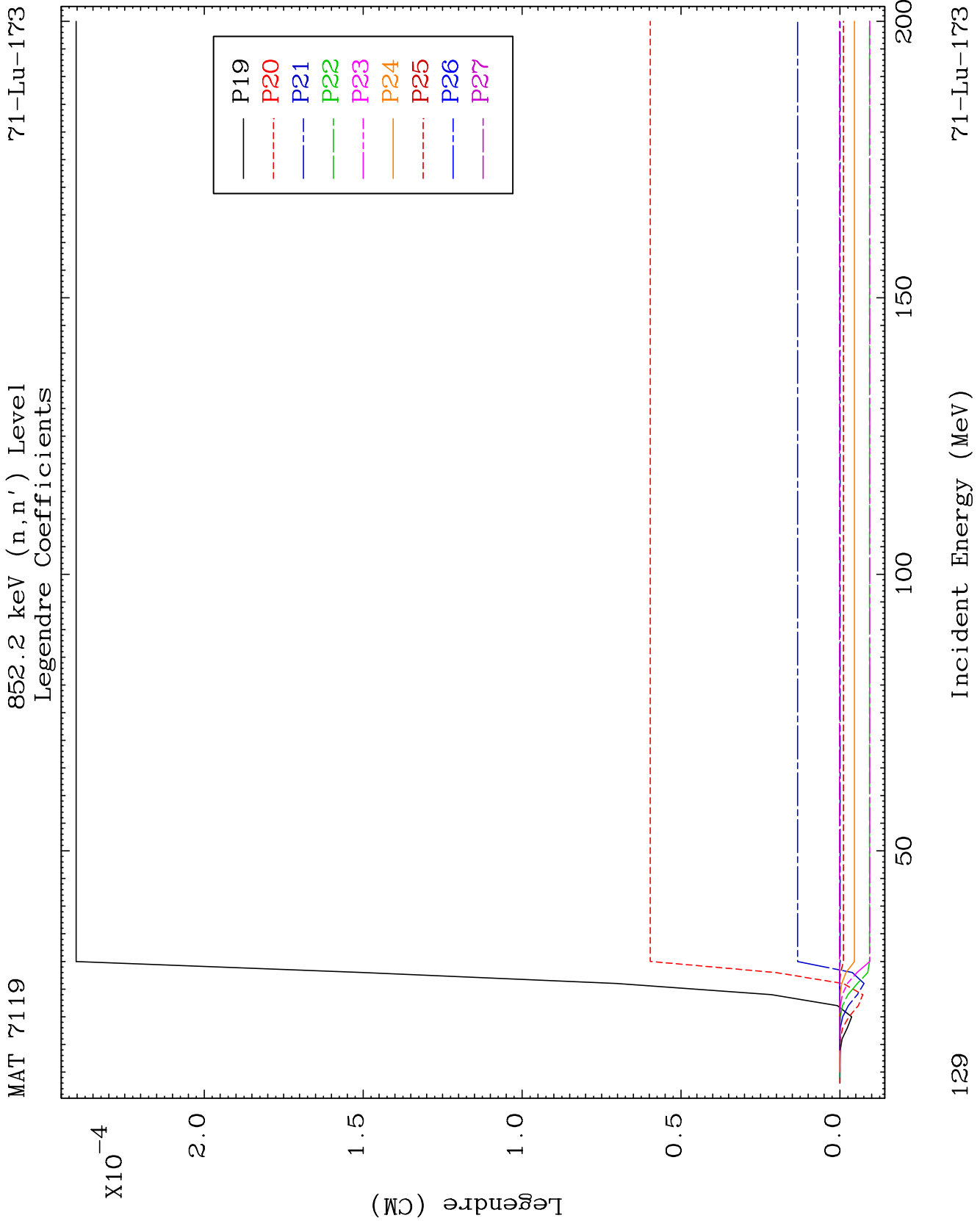
127

Incident Energy (MeV)

71-Lu-173





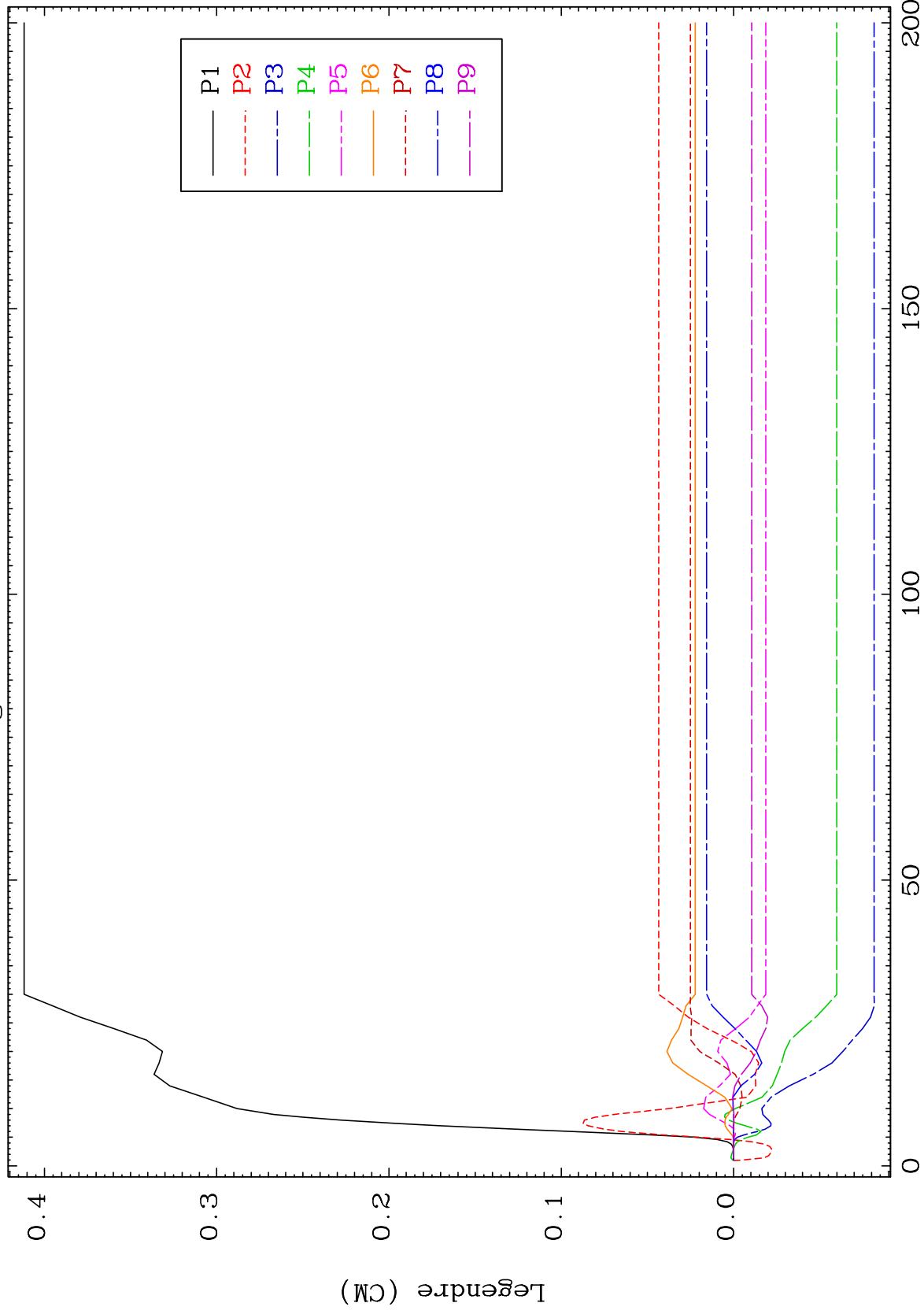




MAT 7119

883.5 keV (n, n') Level  
Legendre Coefficients

71-Lu-173

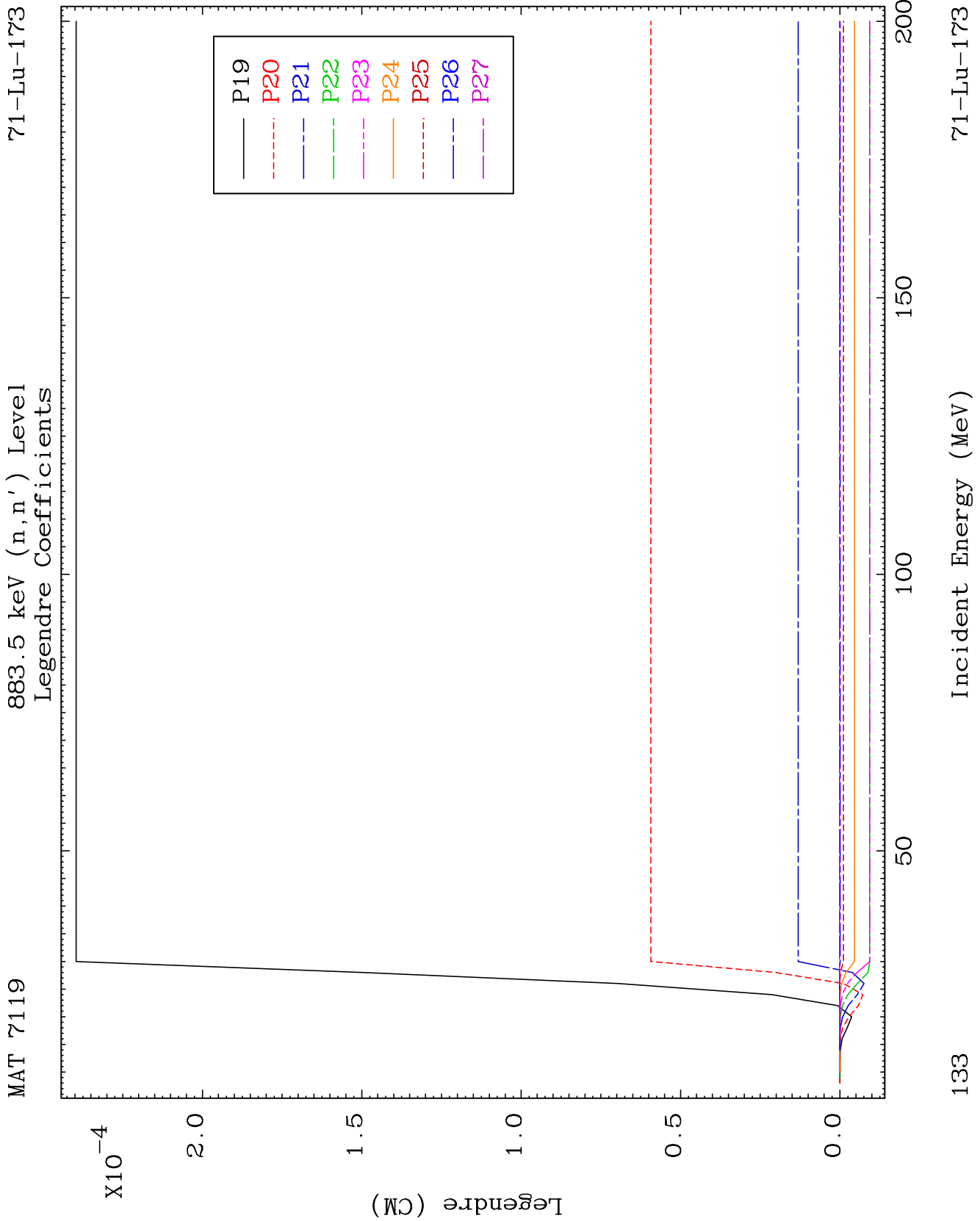


131

Incident Energy (MeV)

71-Lu-173

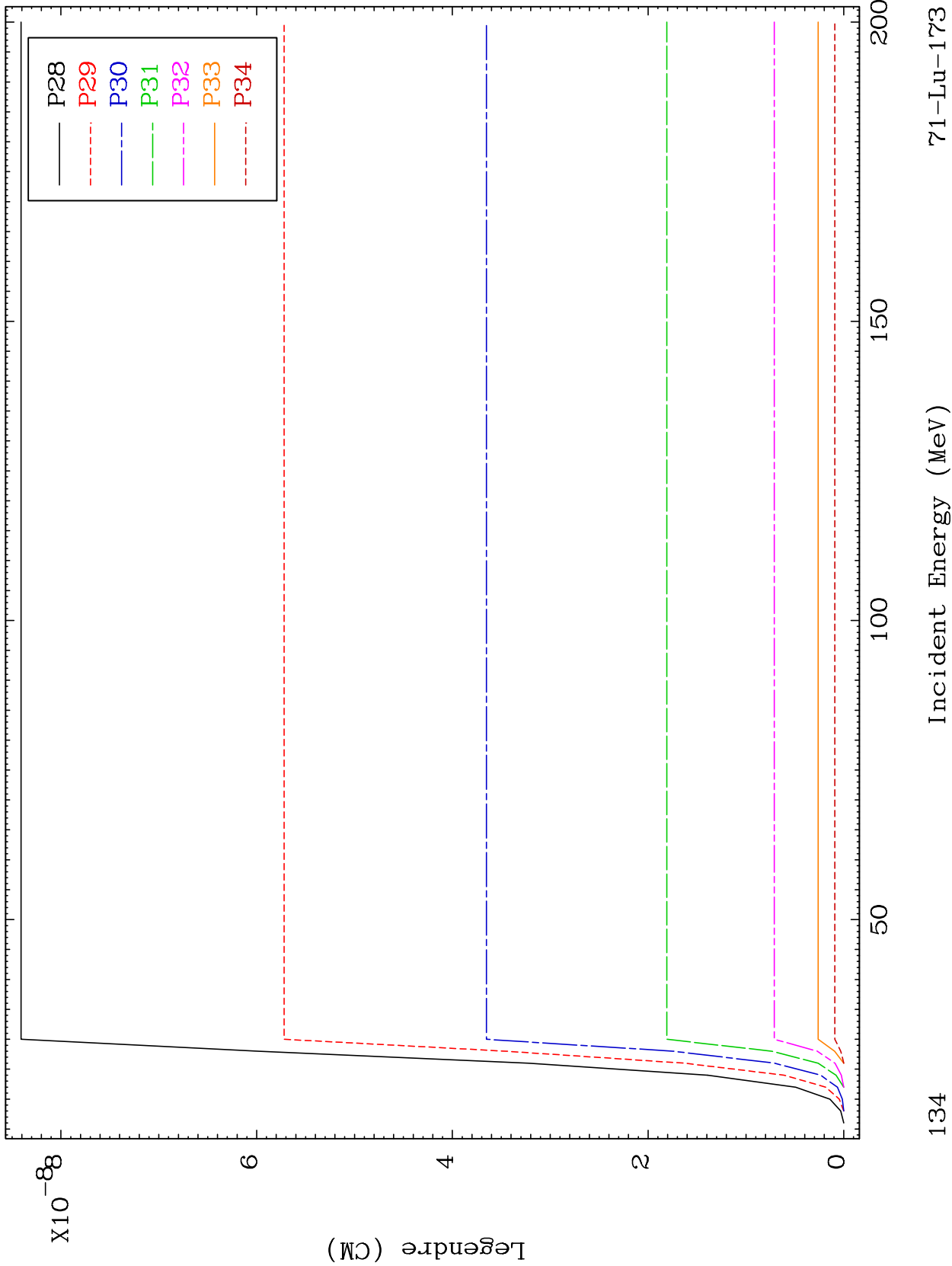




MAT 7119

883.5 keV (n,n') Level  
Legendre Coefficients

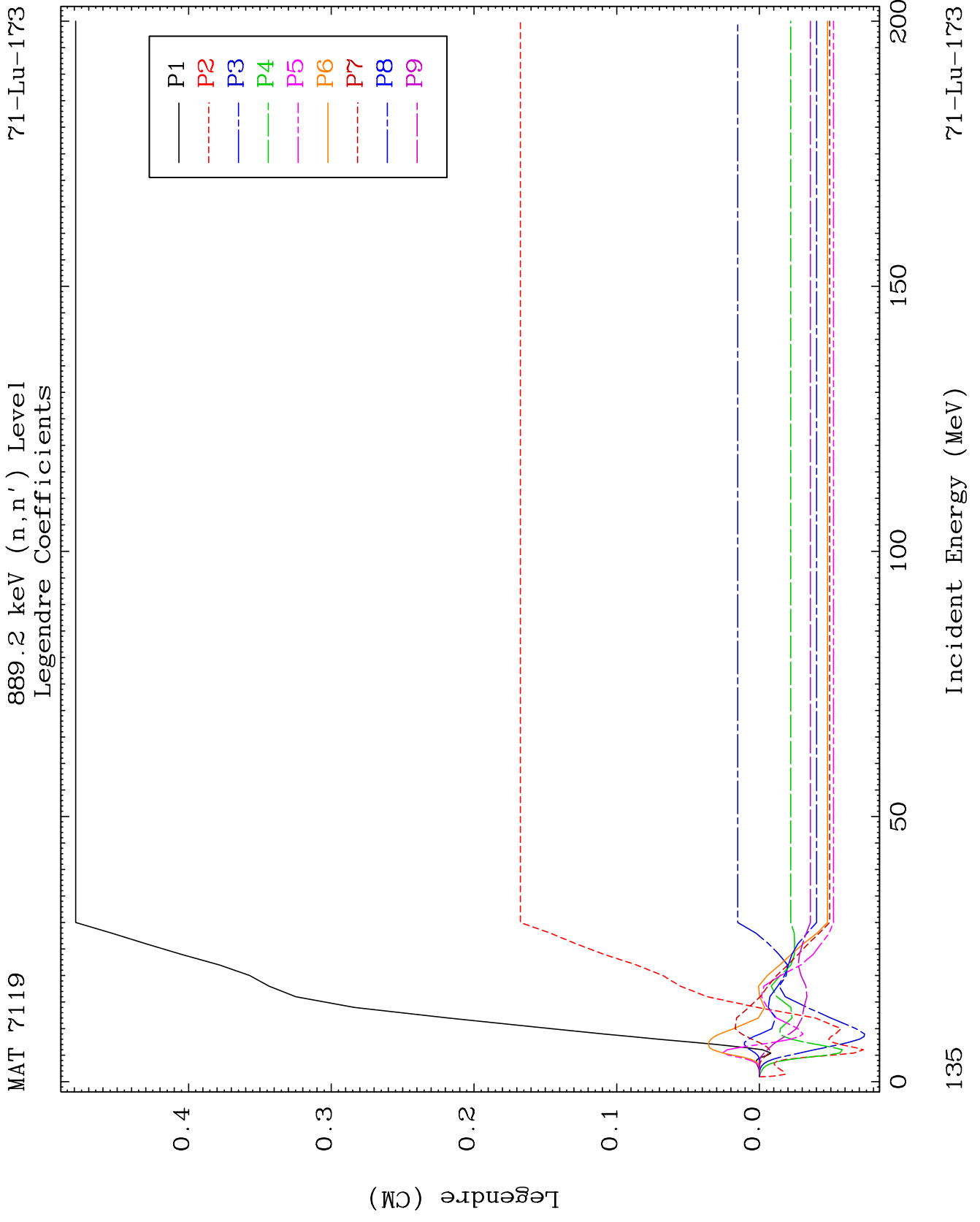
71-Lu-173



134

Incident Energy (MeV)

71-Lu-173

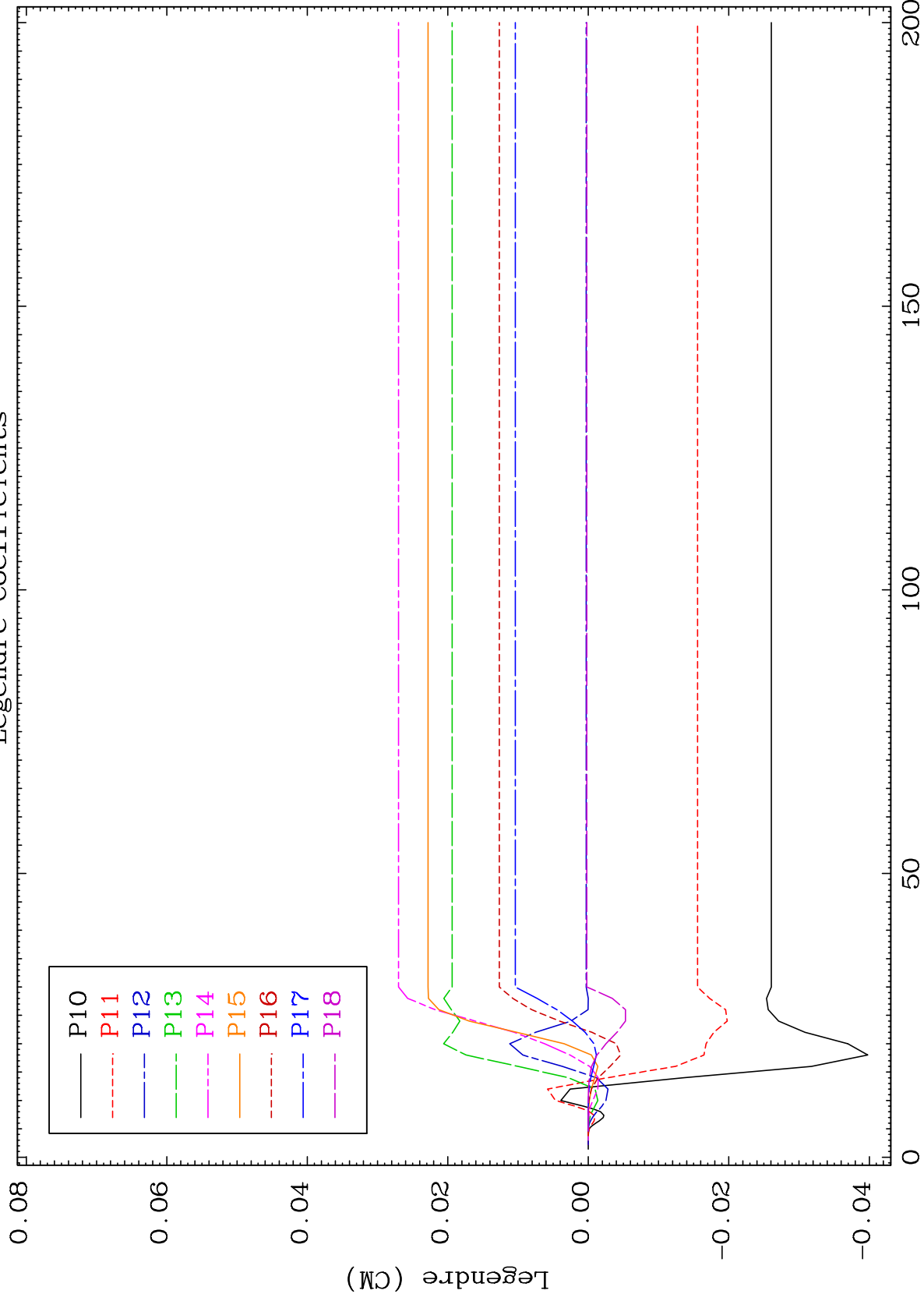




MAT 7119

889.2 keV (n,n') Level  
Legendre Coefficients

71-Lu-173



136

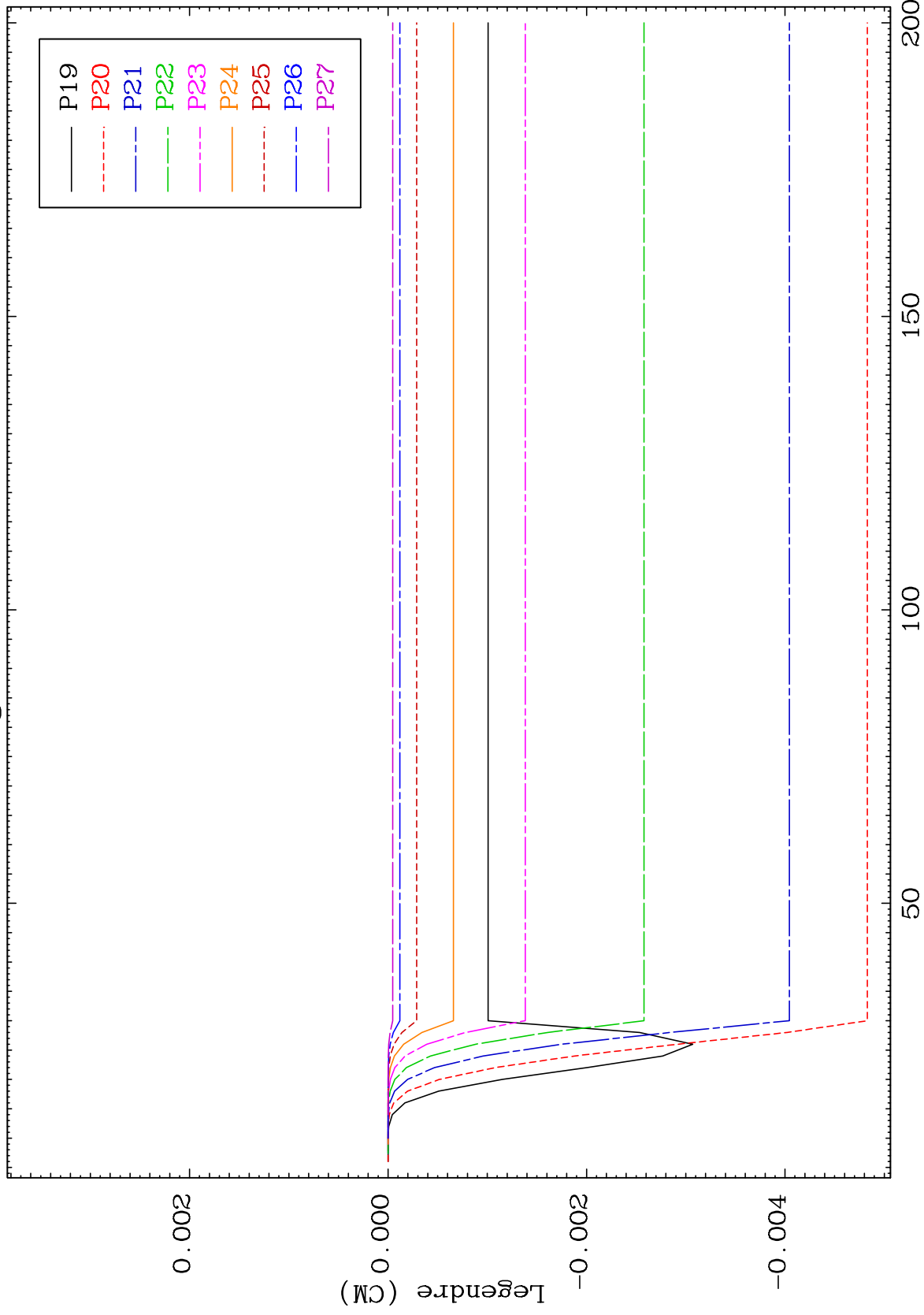
Incident Energy (MeV)

71-Lu-173

MAT 7119

889.2 keV (n,n') Level  
Legendre Coefficients

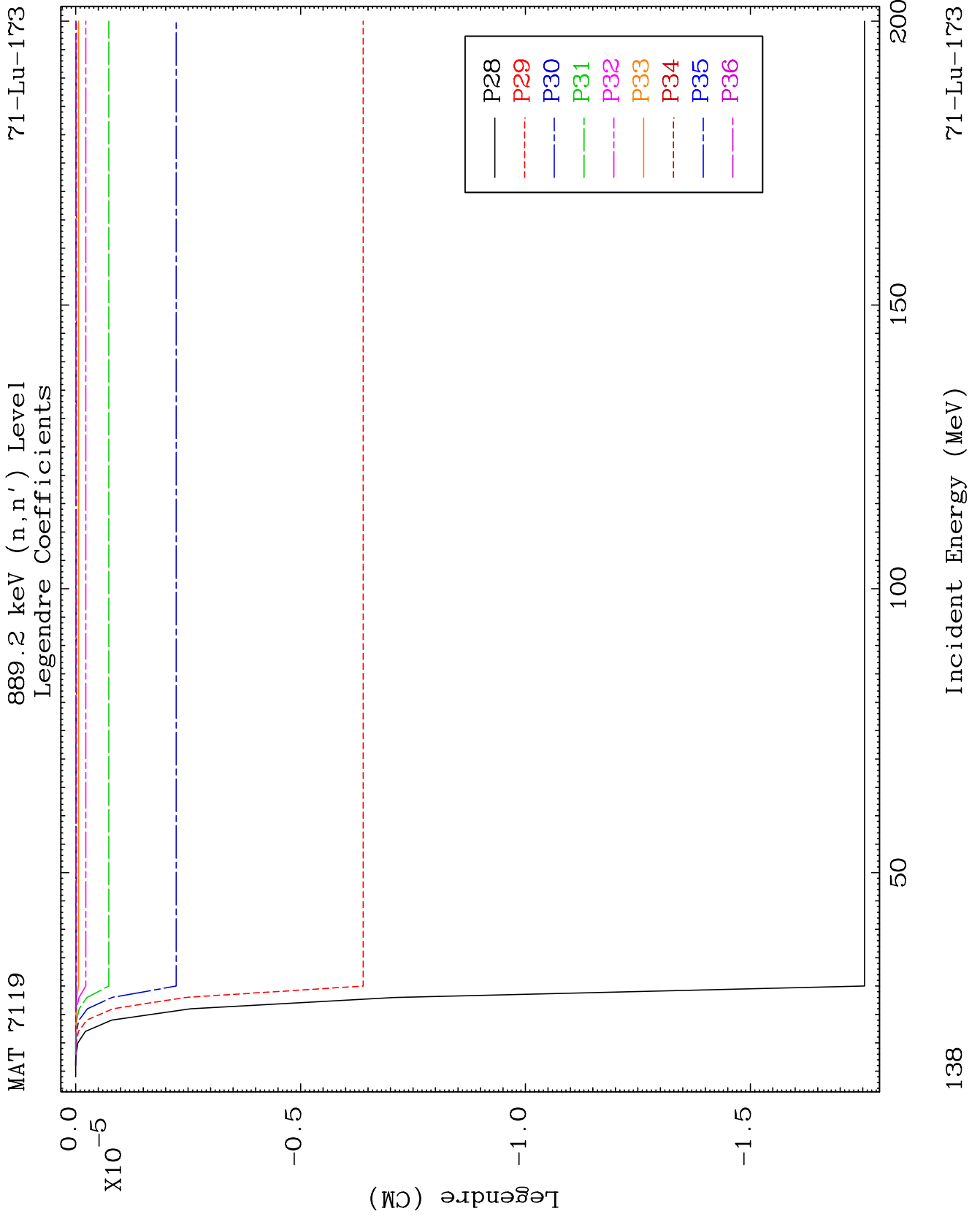
71-Lu-173



137

Incident Energy (MeV)

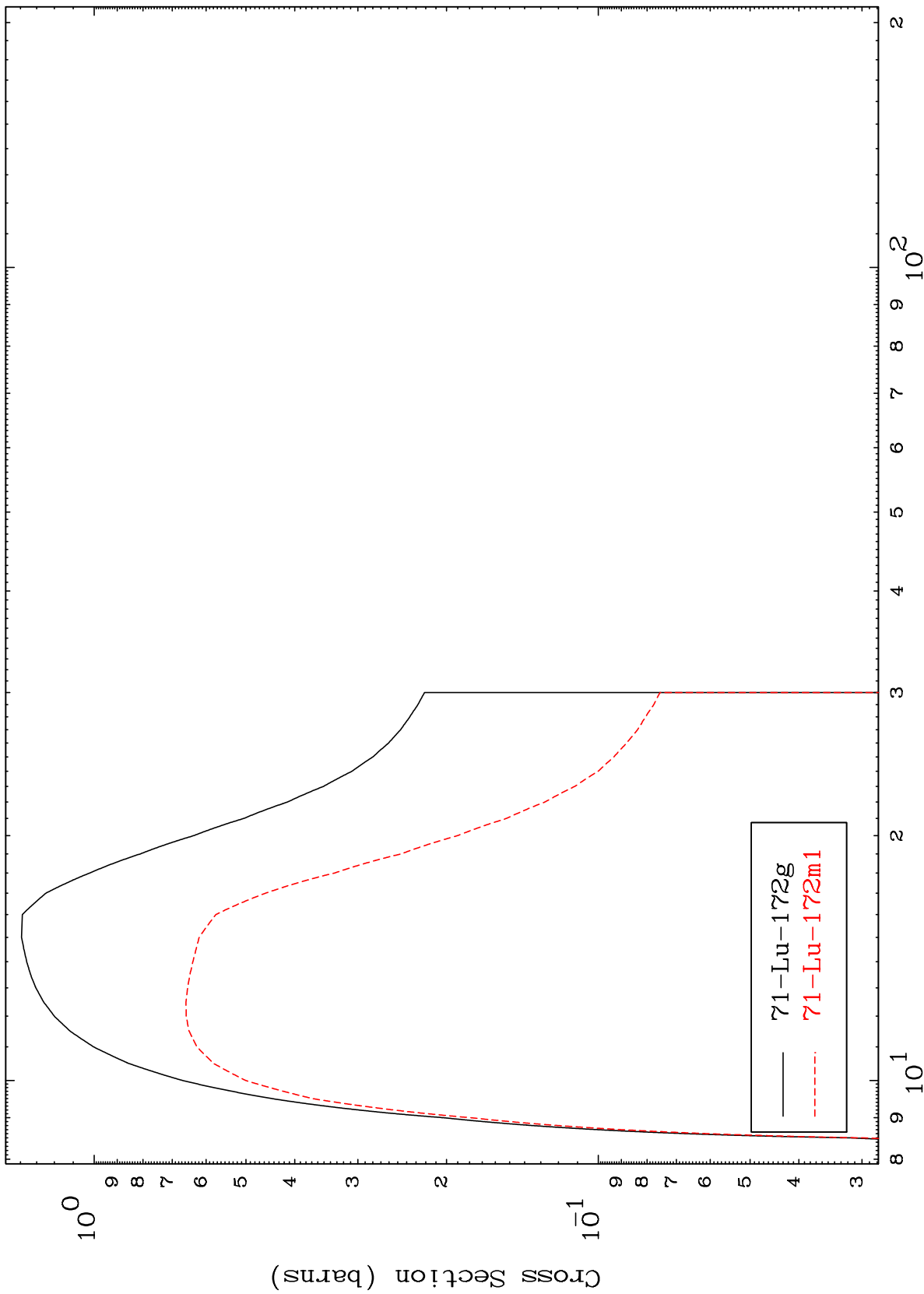
71-Lu-173



MAT 71119

71-Lu-173

(n,2n)  
Radionuclide Production Cross Section



71-Lu-172g  
71-Lu-172m1

139

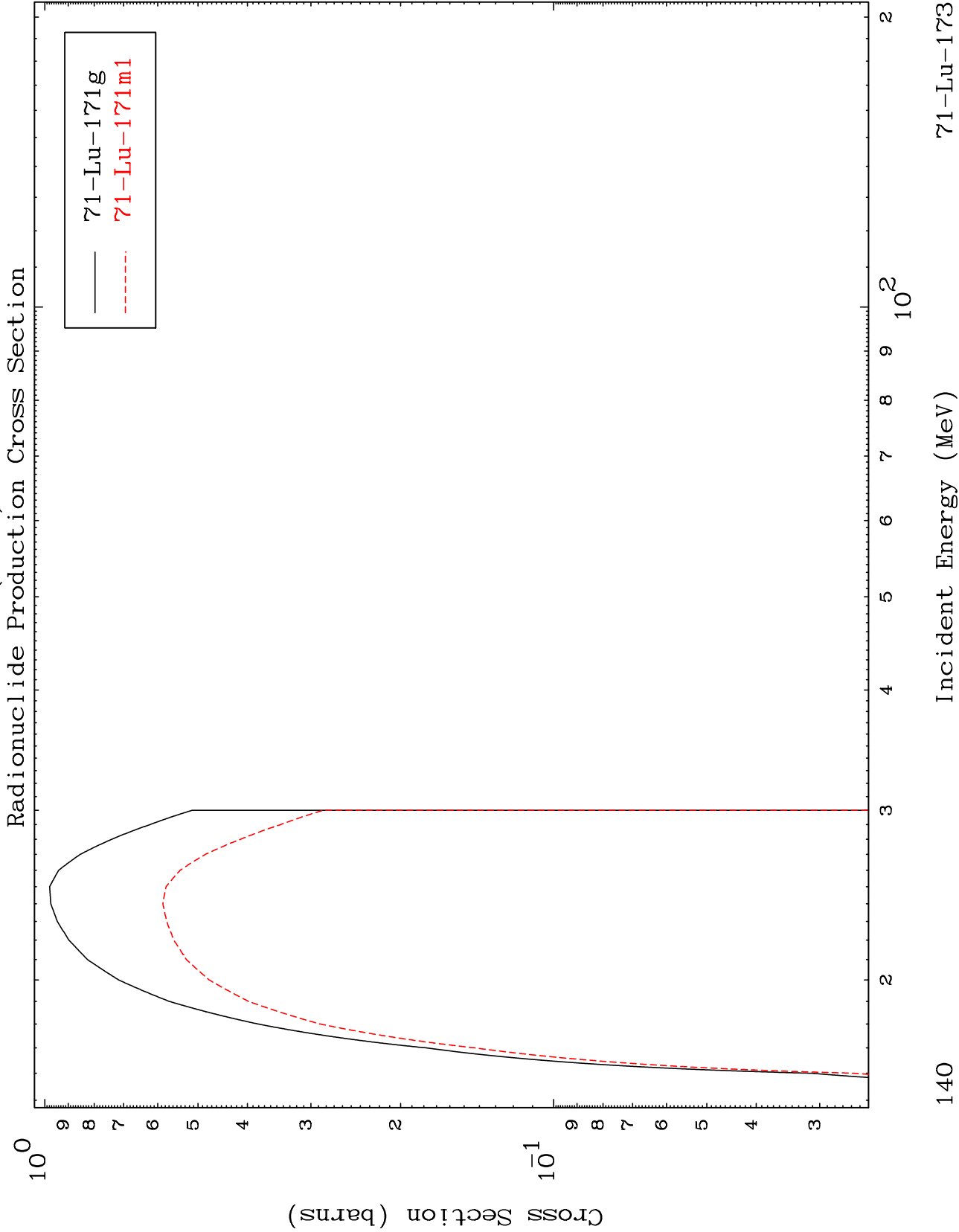
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,3n)

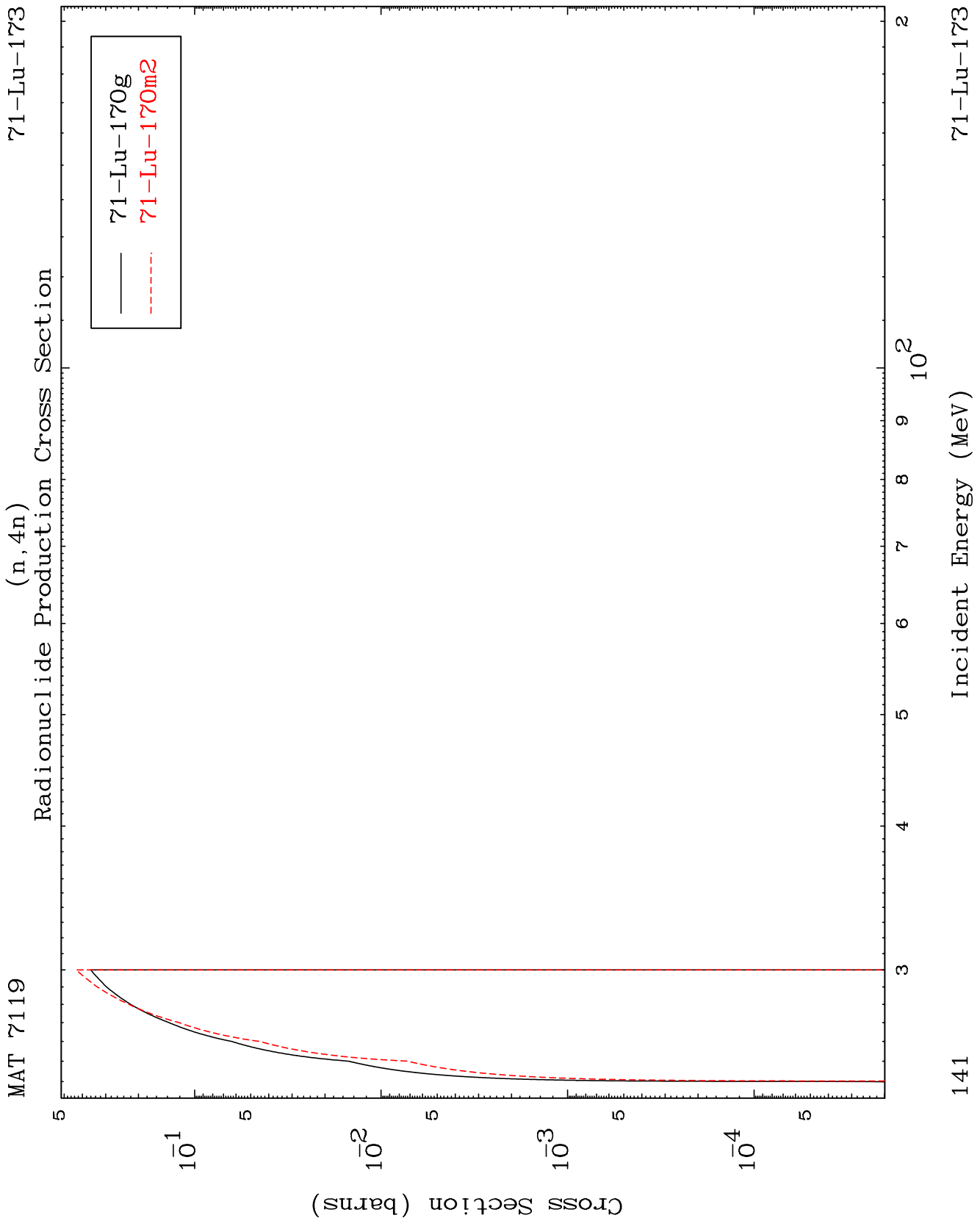
<sup>71</sup>Lu-173



140

Incident Energy (MeV)

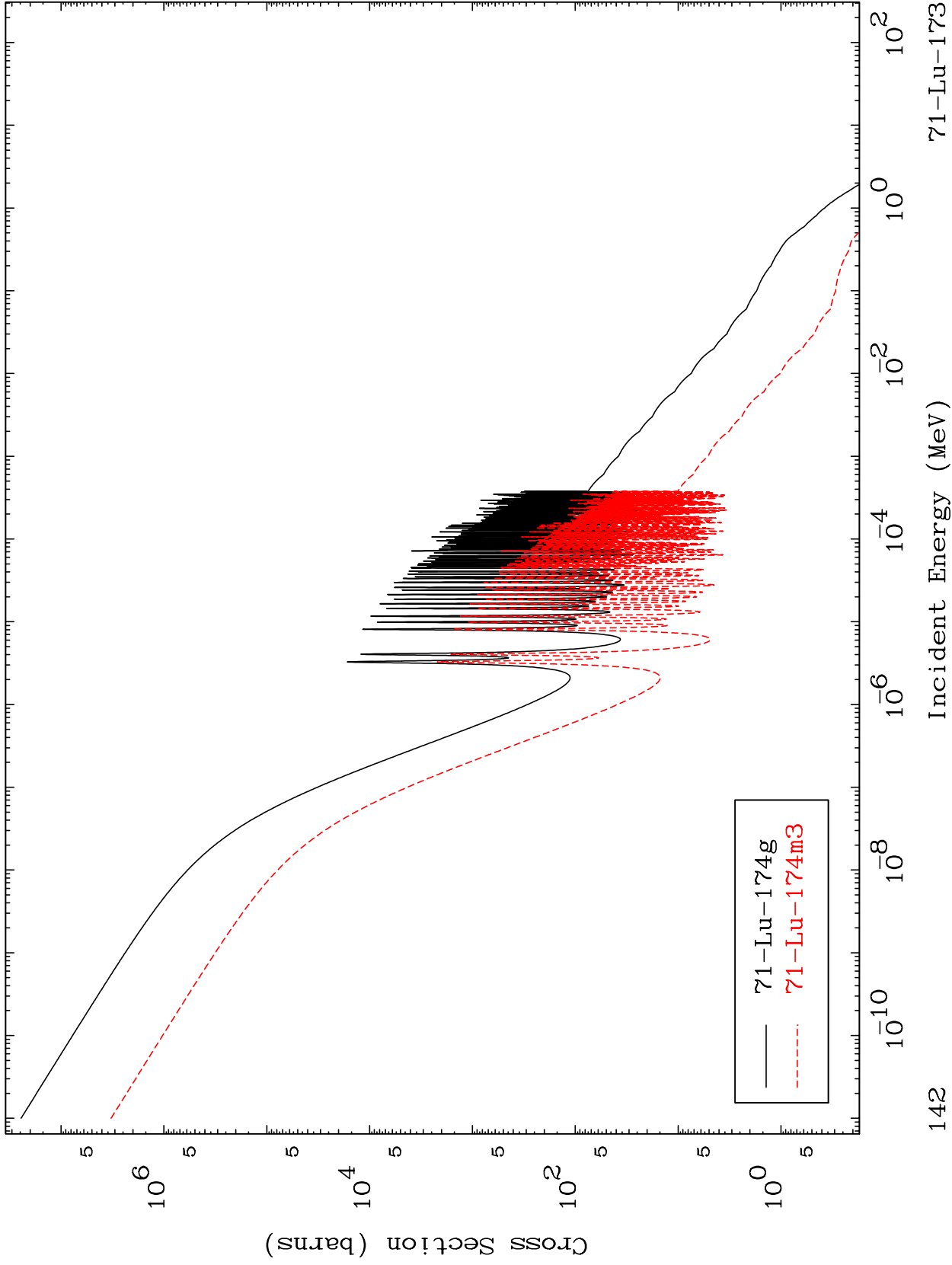
<sup>71</sup>Lu-173



MAT 7119

71-Lu-173

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



142

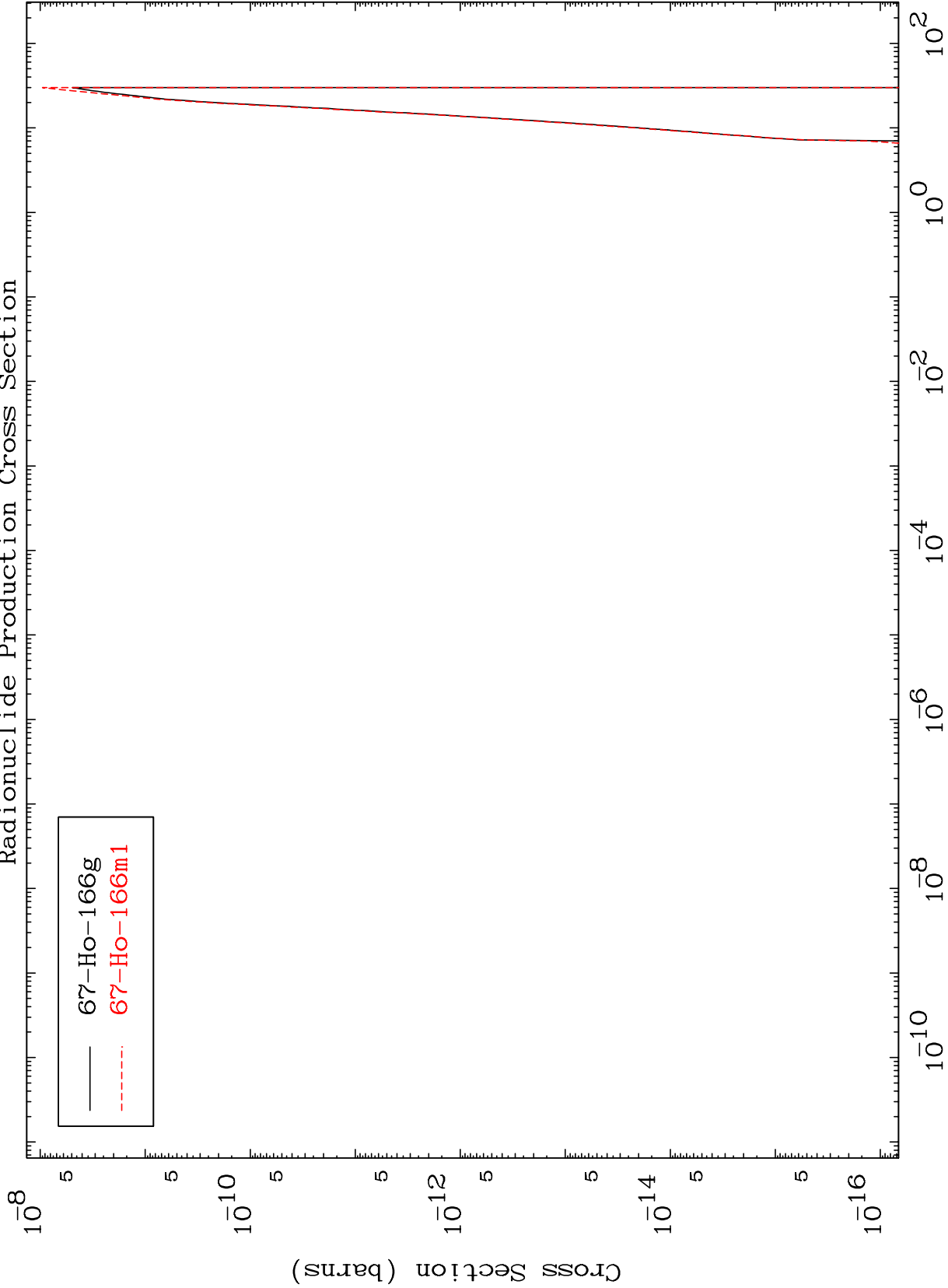
71-Lu-173

MAT 7119

(n,2α)

71-Lu-173

Radionuclide Production Cross Section



143

Incident Energy (MeV)

71-Lu-173