

Program EVALPLOT  
(Version 2015-2)

by

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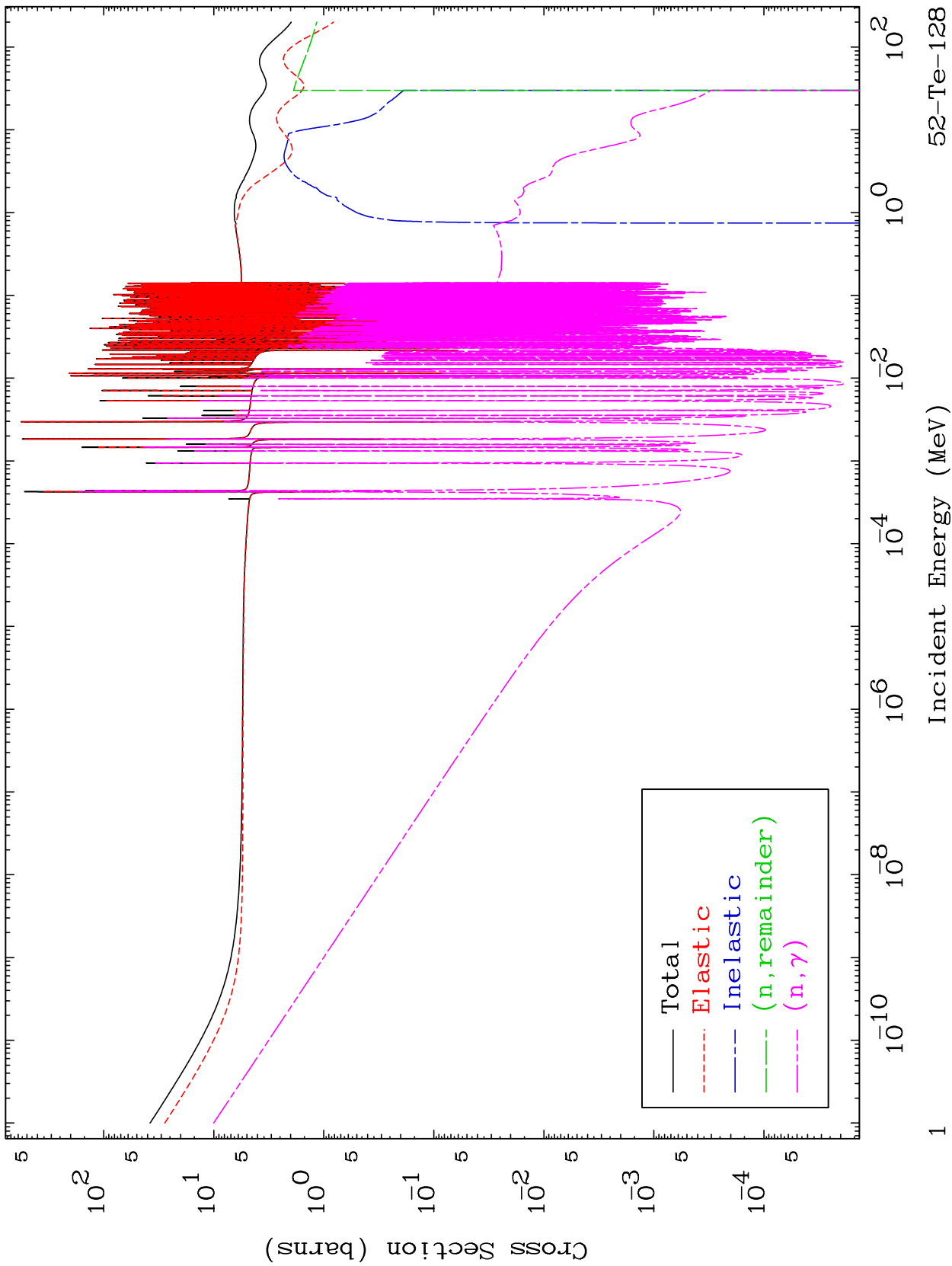
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

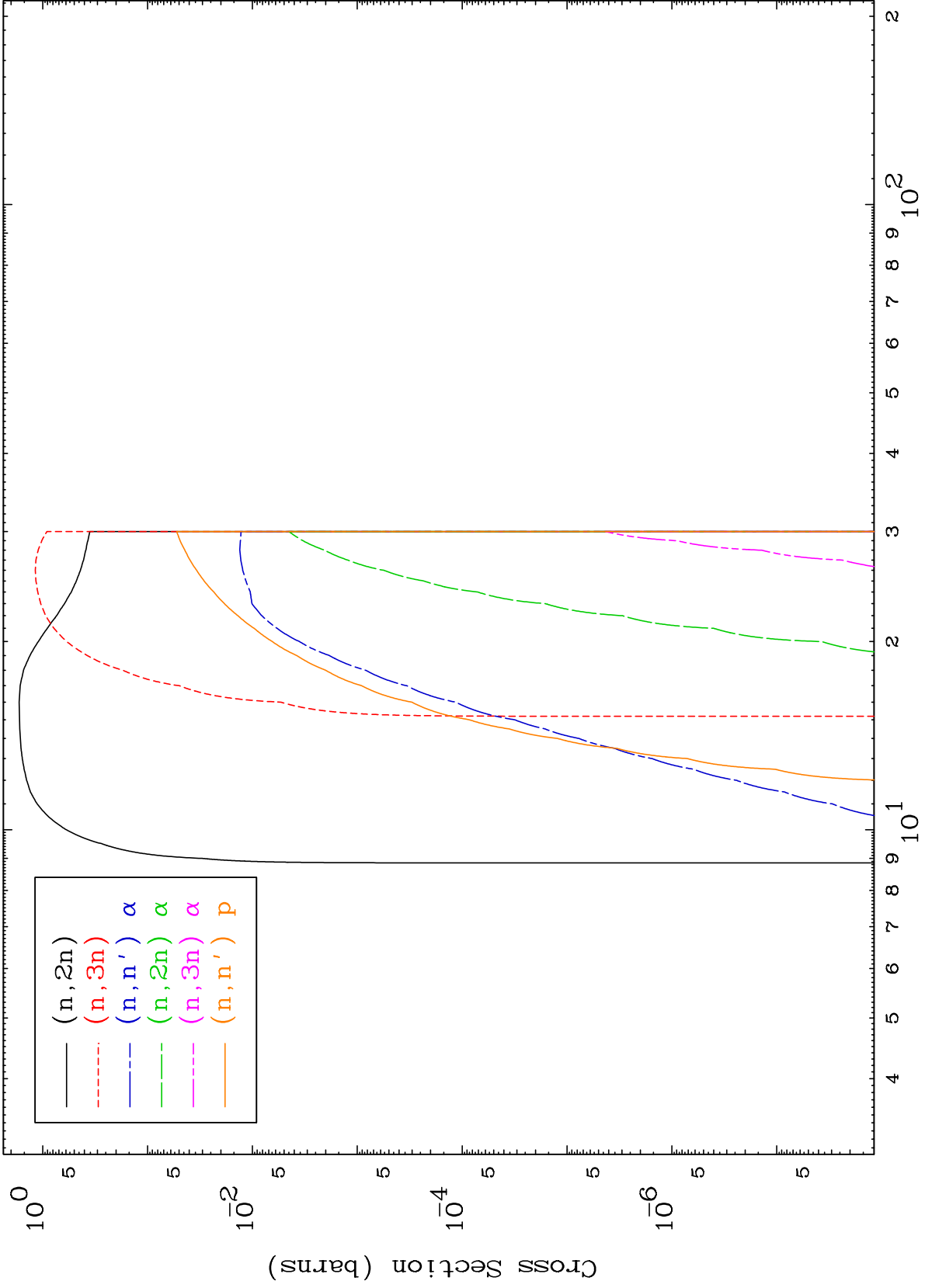
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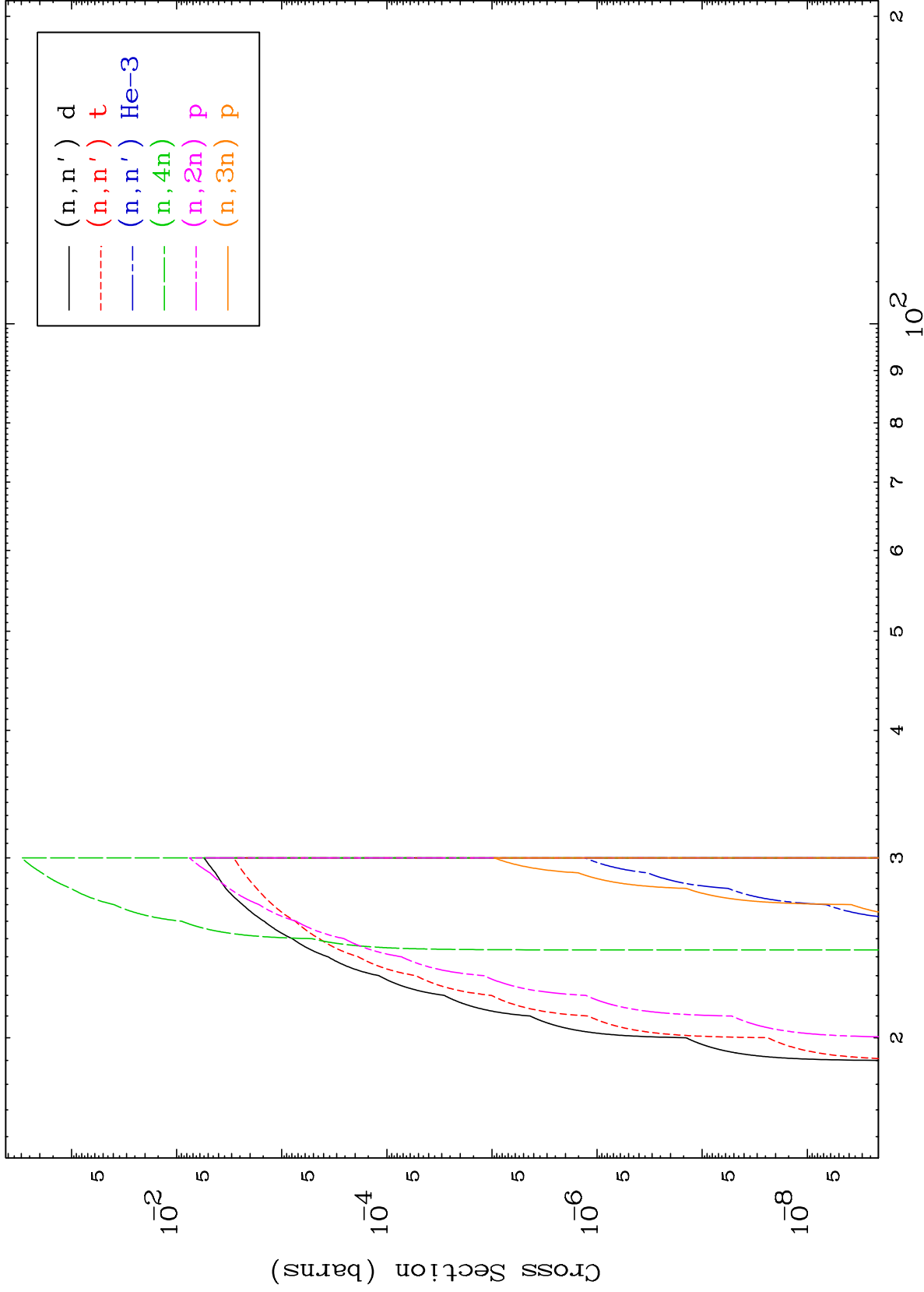
MAT 5249

Major  
293 Kelvin Cross Sections

52-Te-128



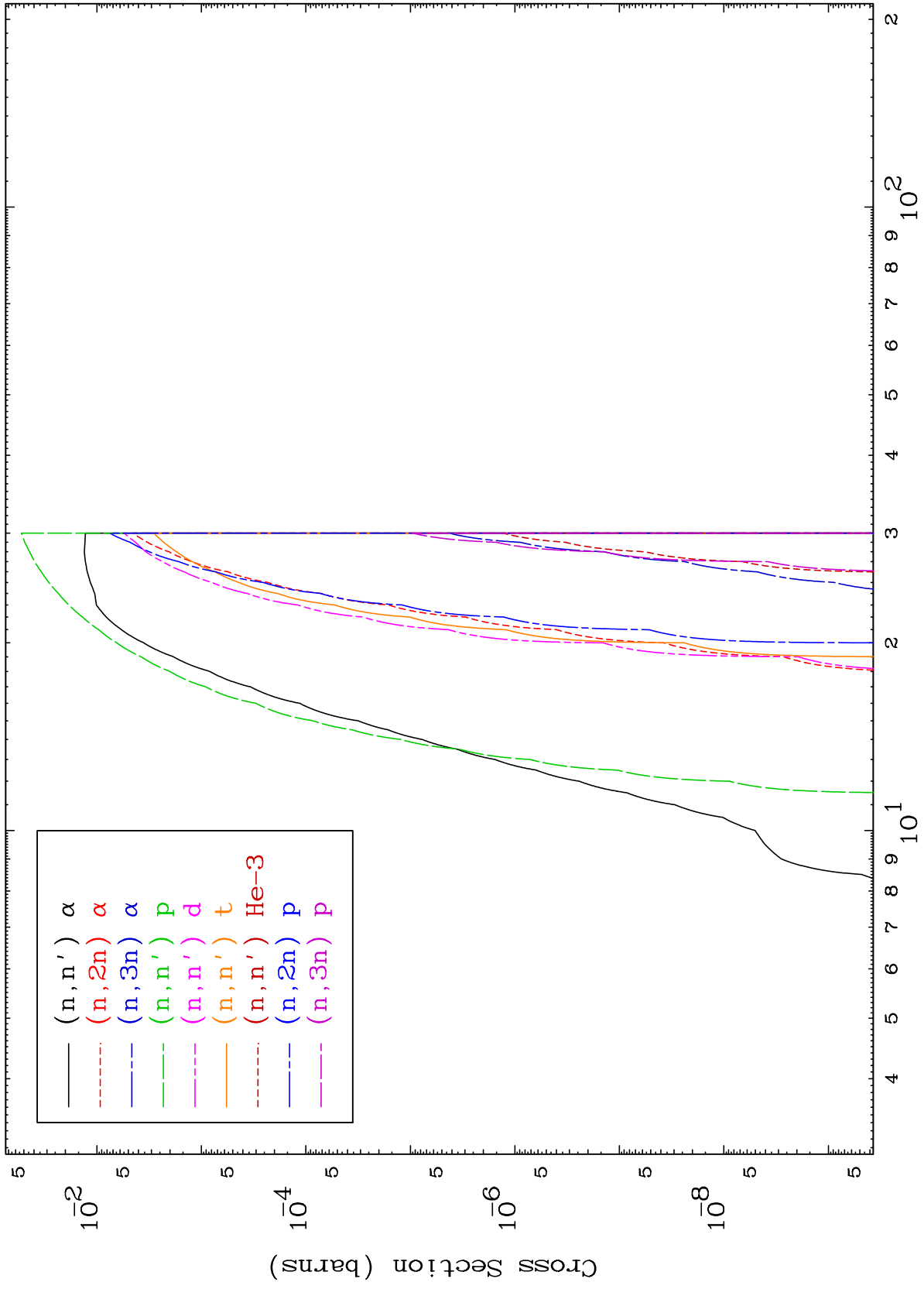


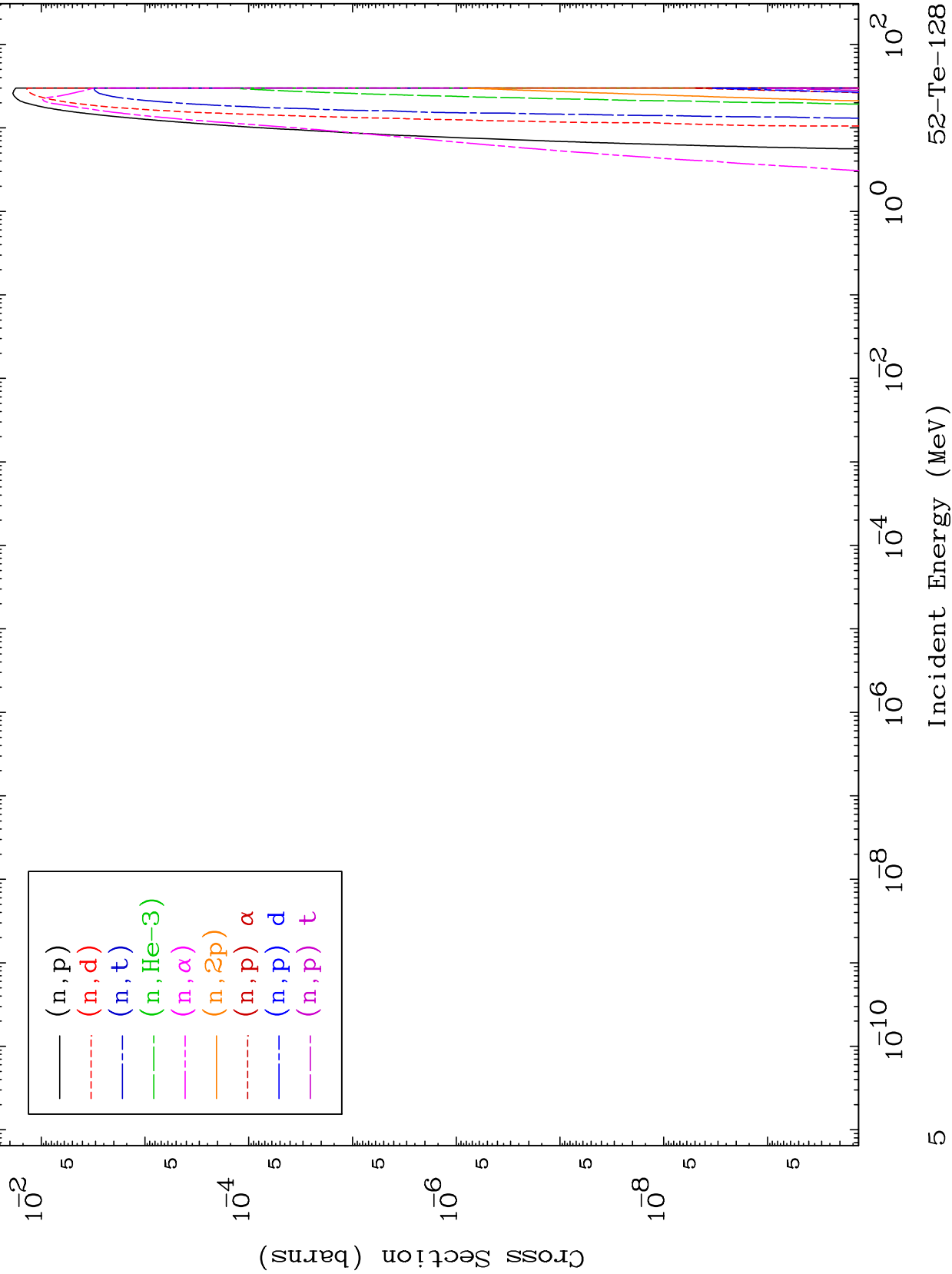


MAT 5249

Charged Particle  
293 Kelvin Cross Sections

52-Te-128

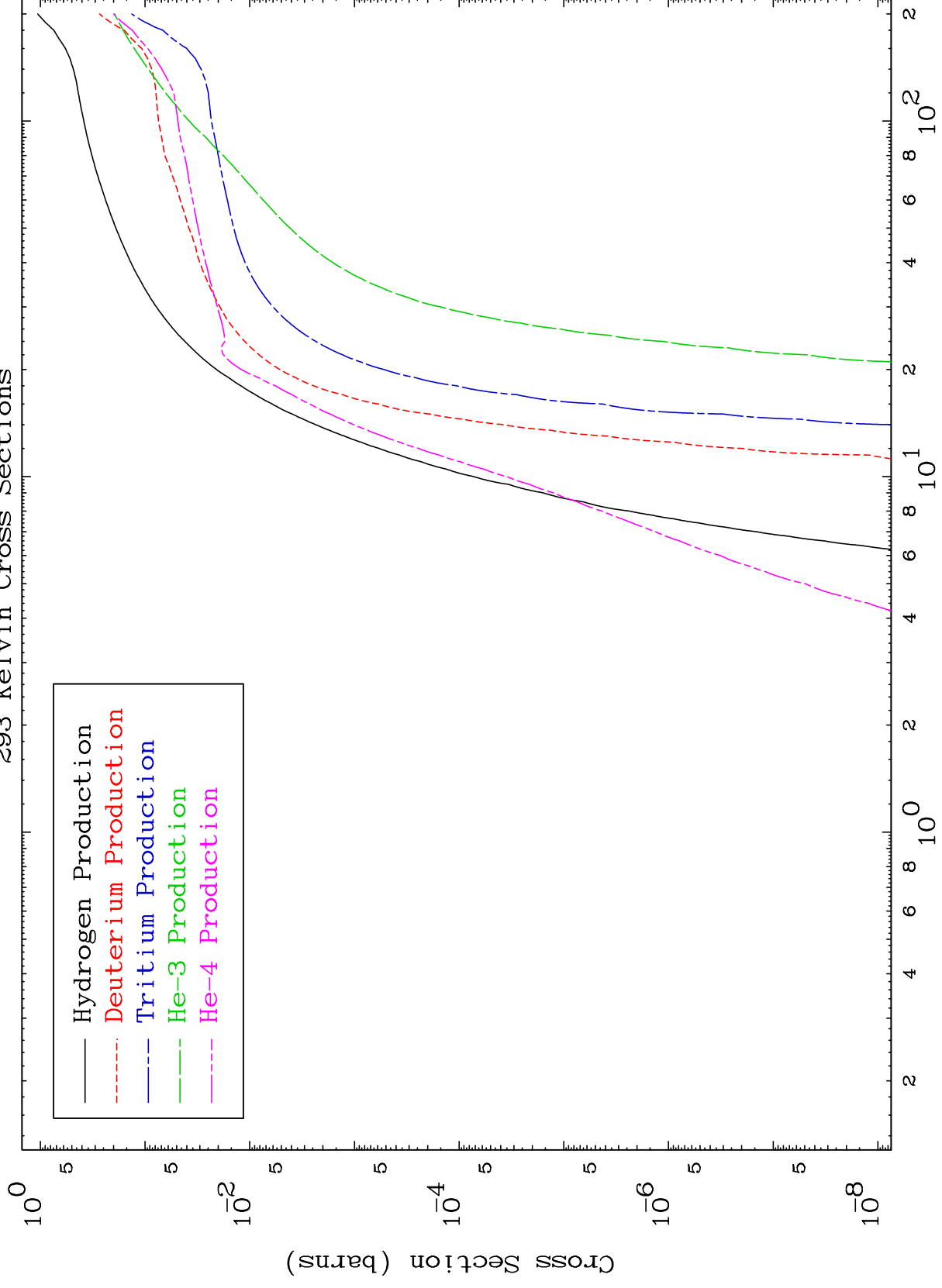




MAT 5249

Particle Production  
293 Kelvin Cross Sections

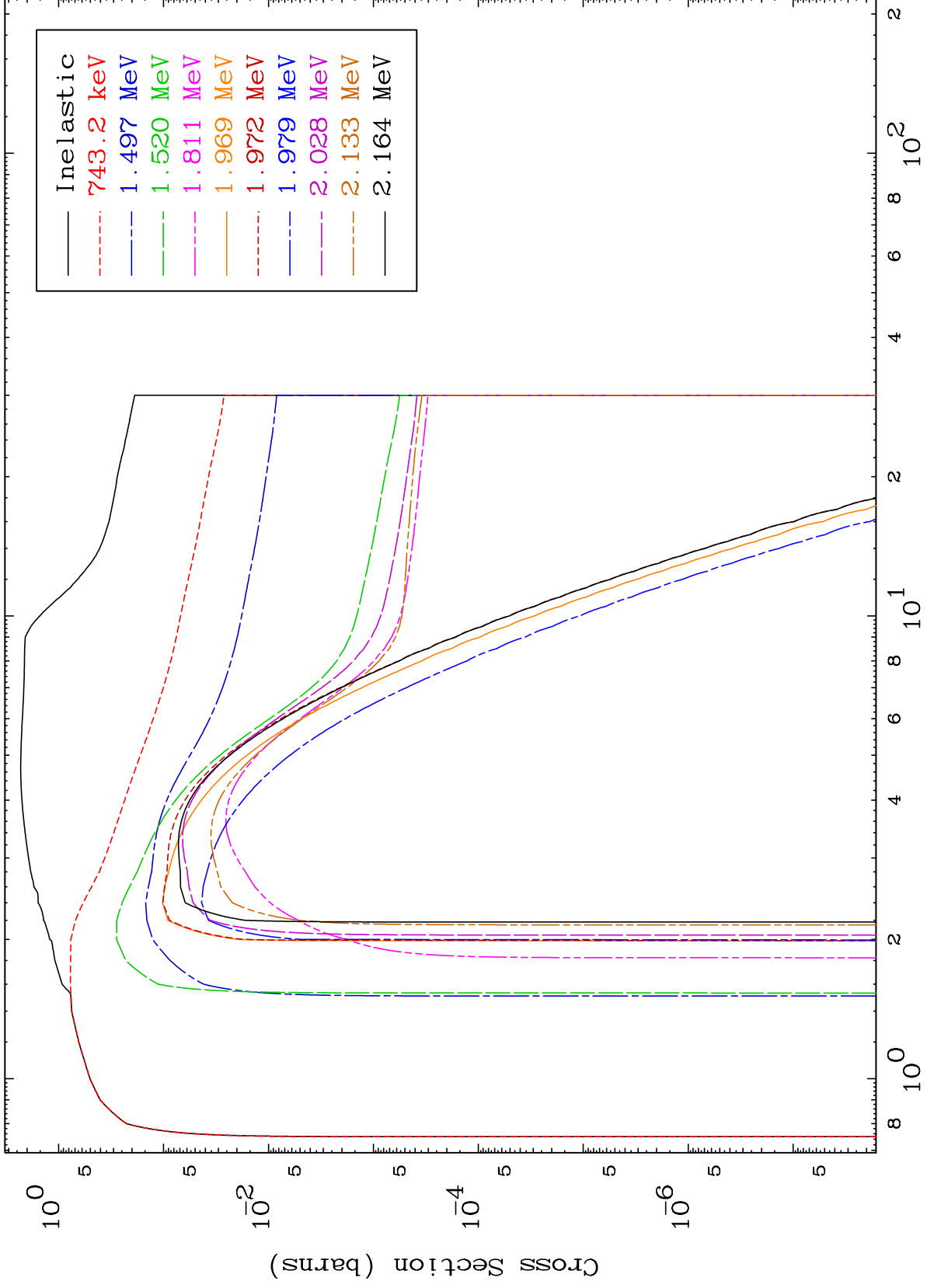
52-Te-128



MAT 5249

(n,n') Level  
293 Kelvin Cross Sections

52-Te-128



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Incident Energy (MeV)

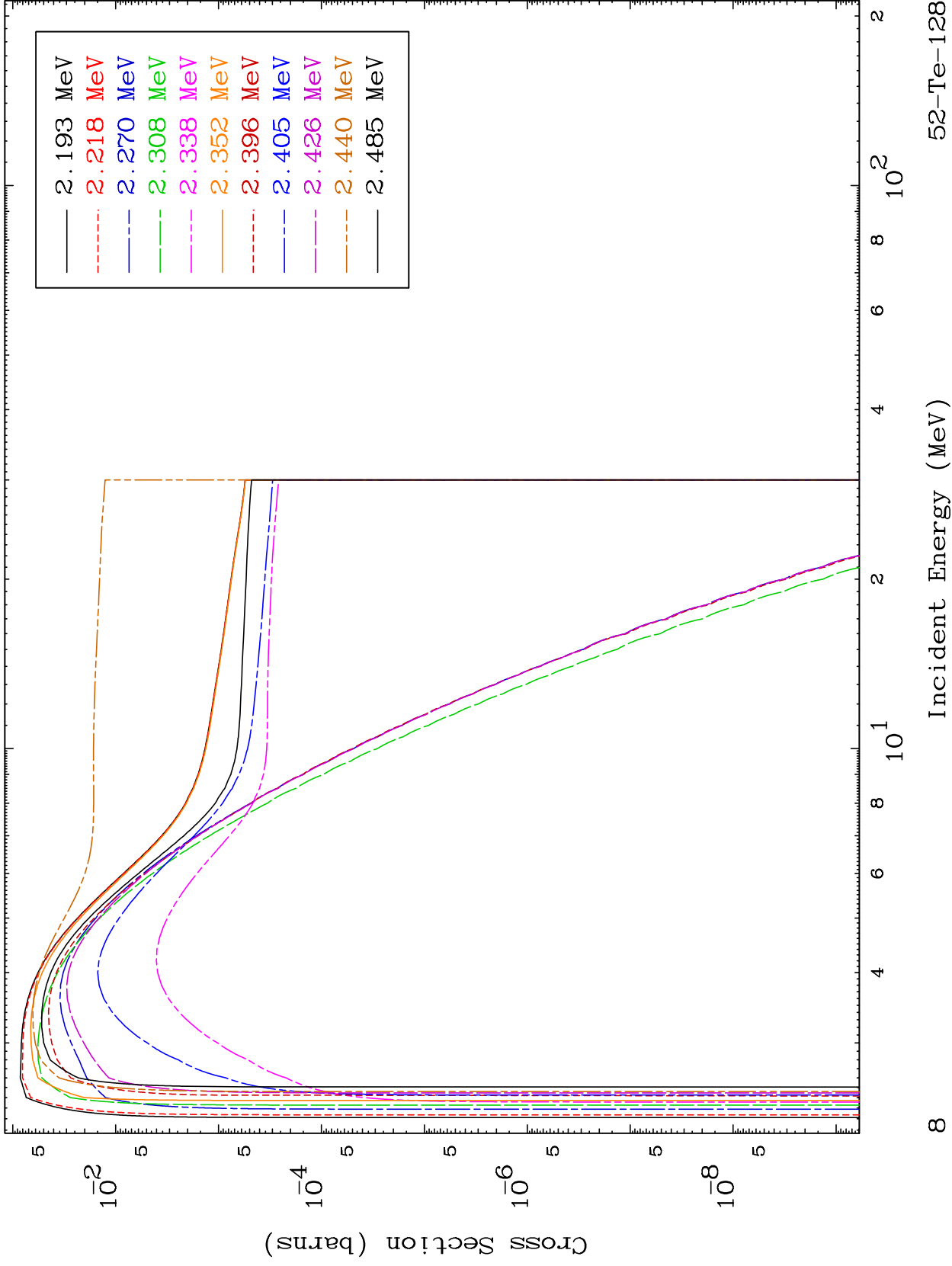
52-Te-128



MAT 5249

(n,n') Level  
293 Kelvin Cross Sections

52-Te-128



8

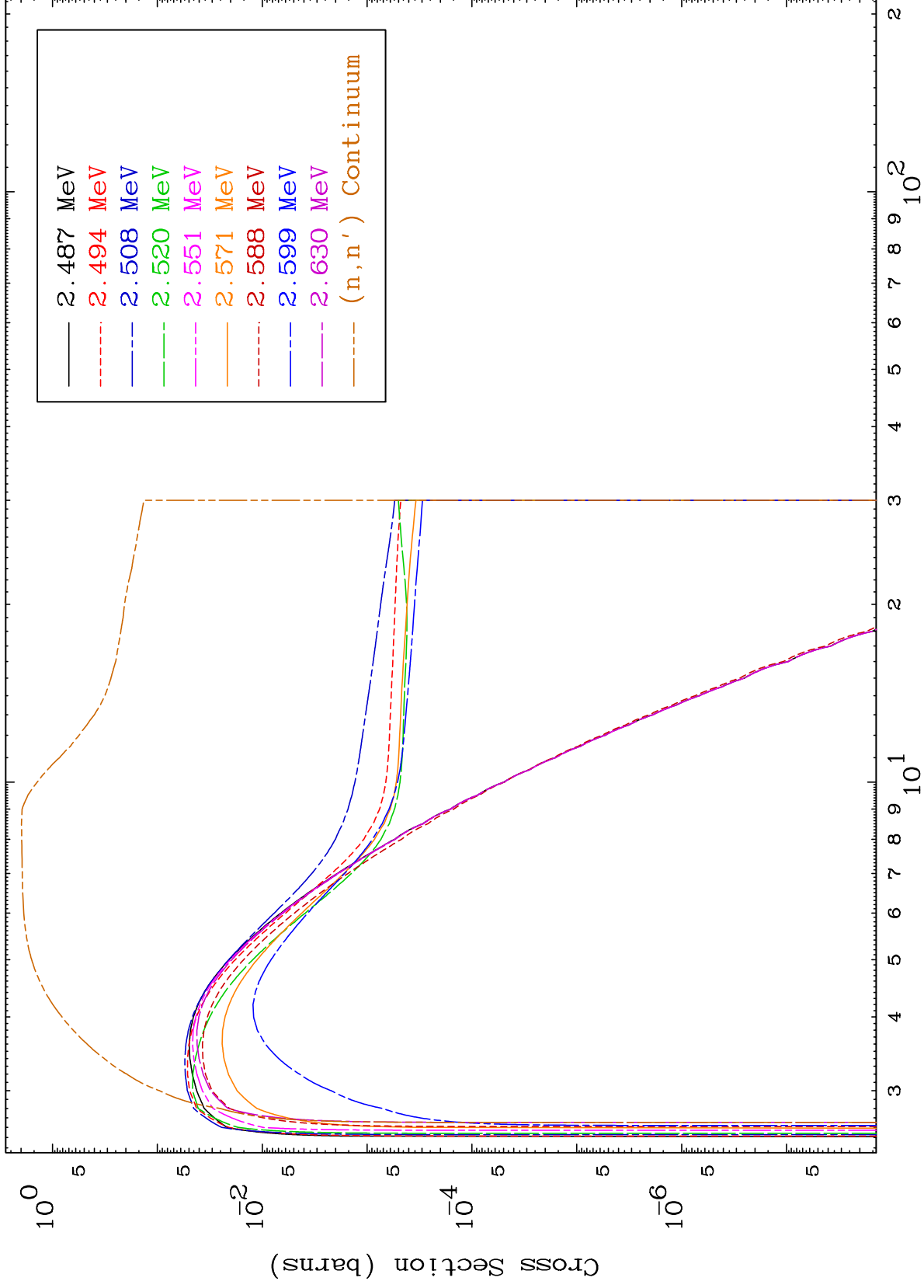
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,n') Level  
293 Kelvin Cross Sections

52-Te-128



9

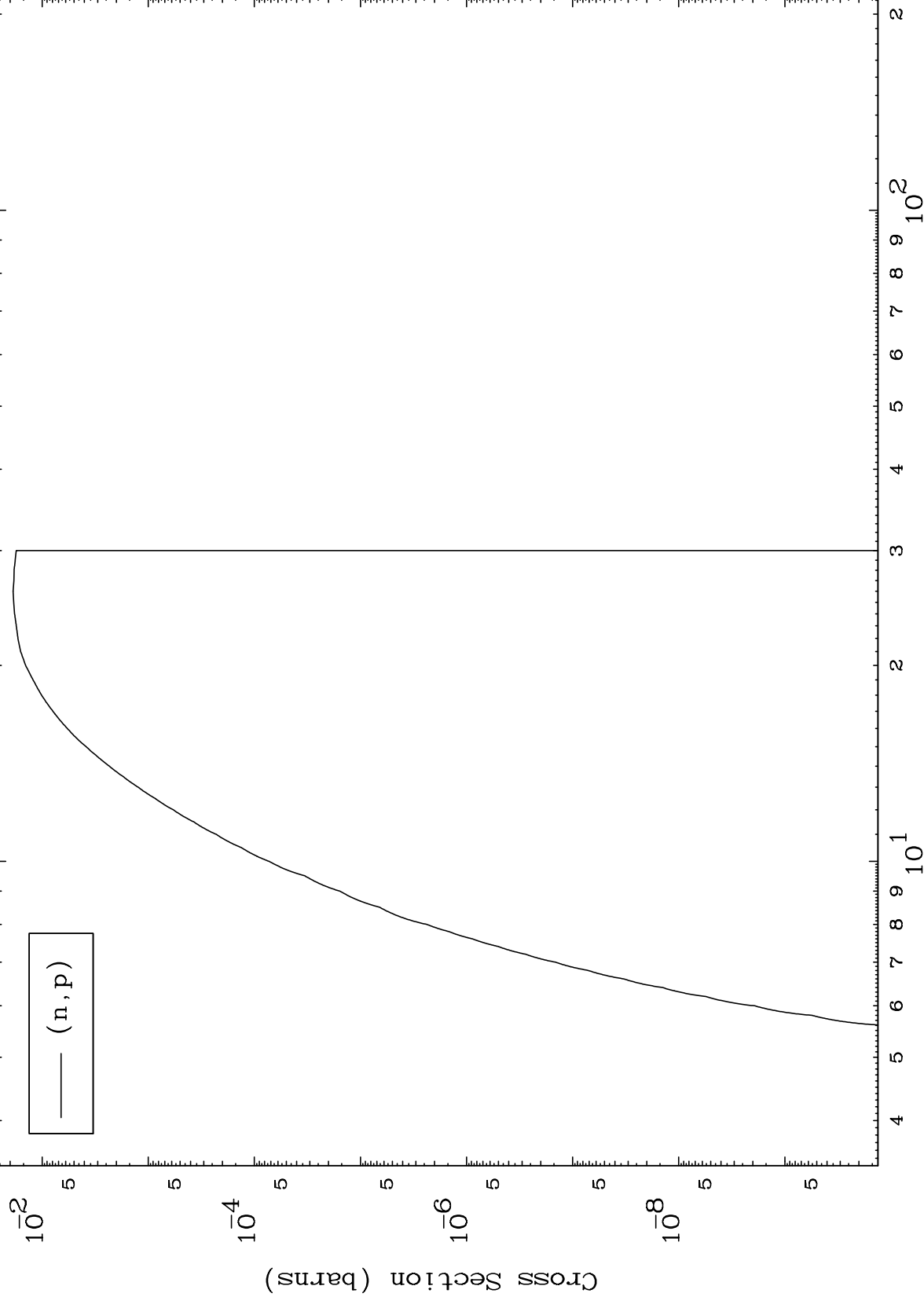
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-128



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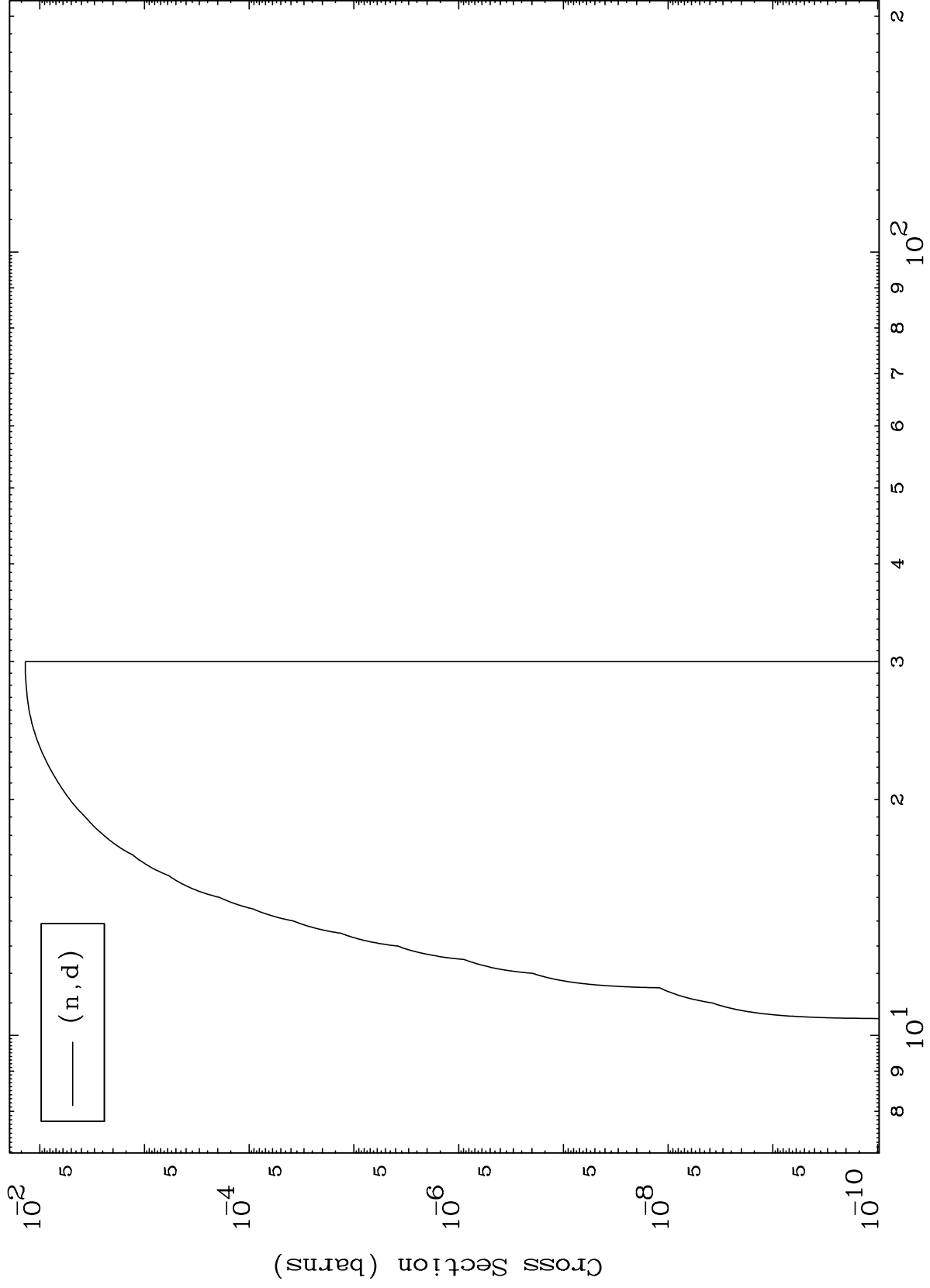
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,d) Levels  
293 Kelvin Cross Sections

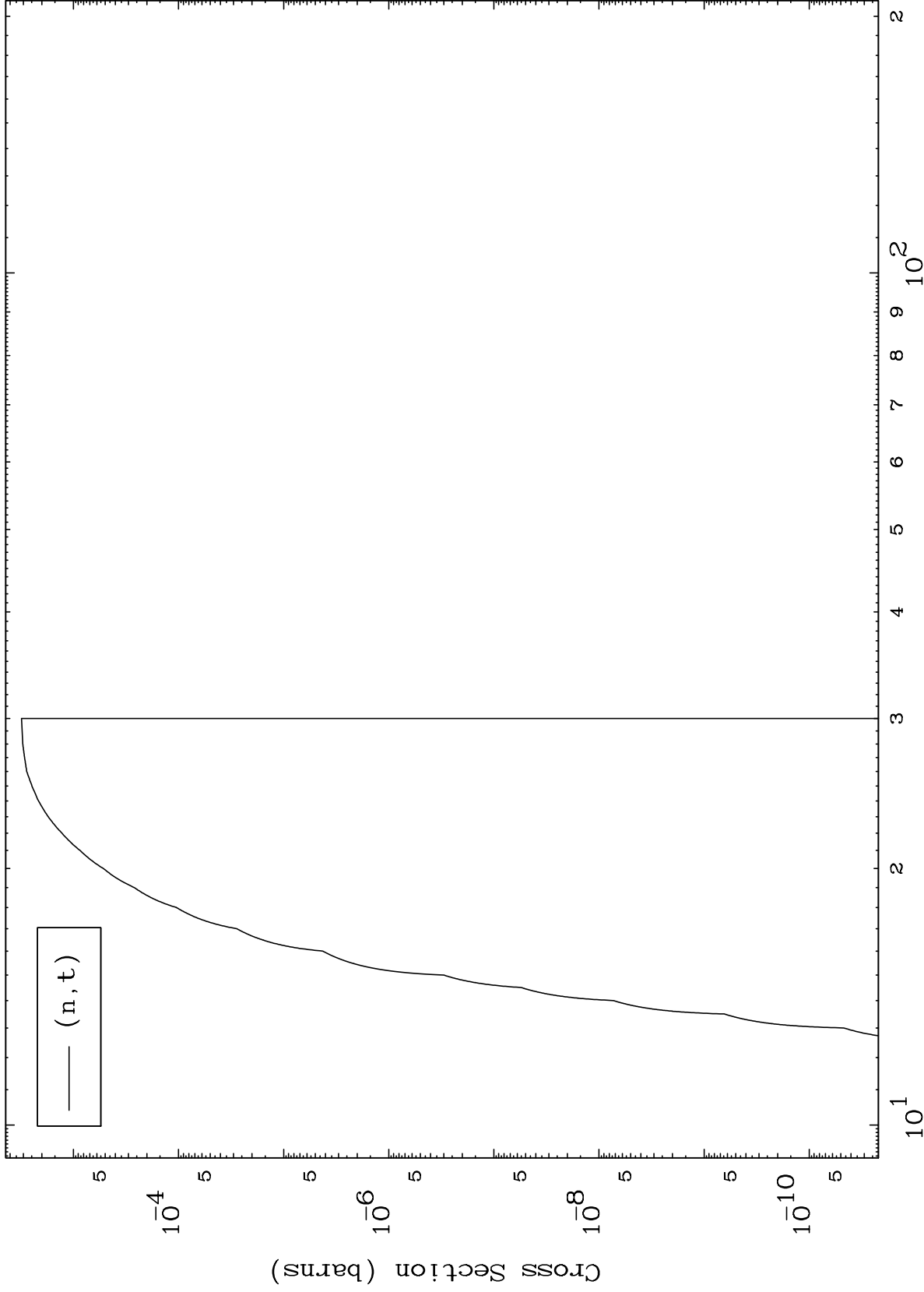
52-Te-128



MAT 5249

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-128



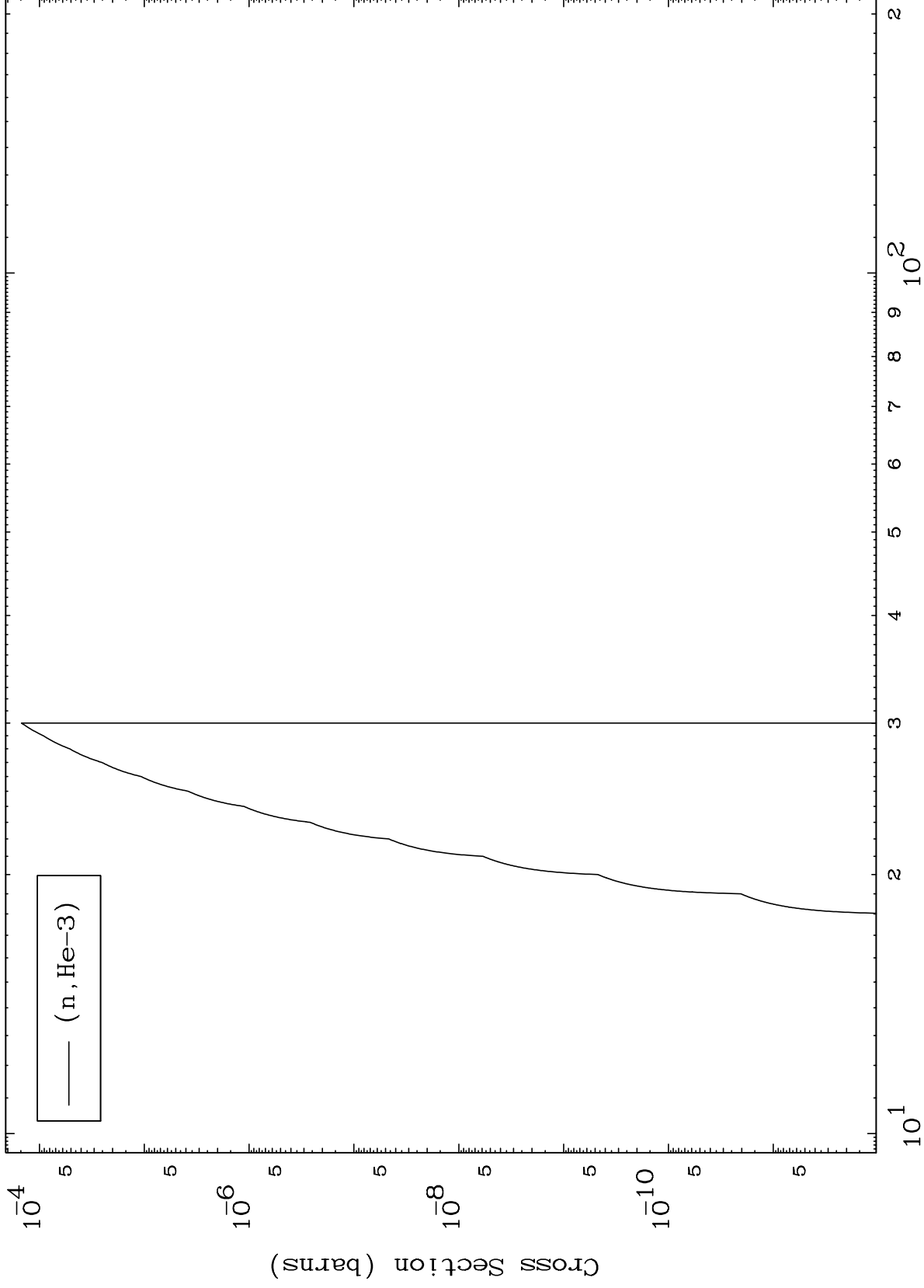
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-128



52-Te-128

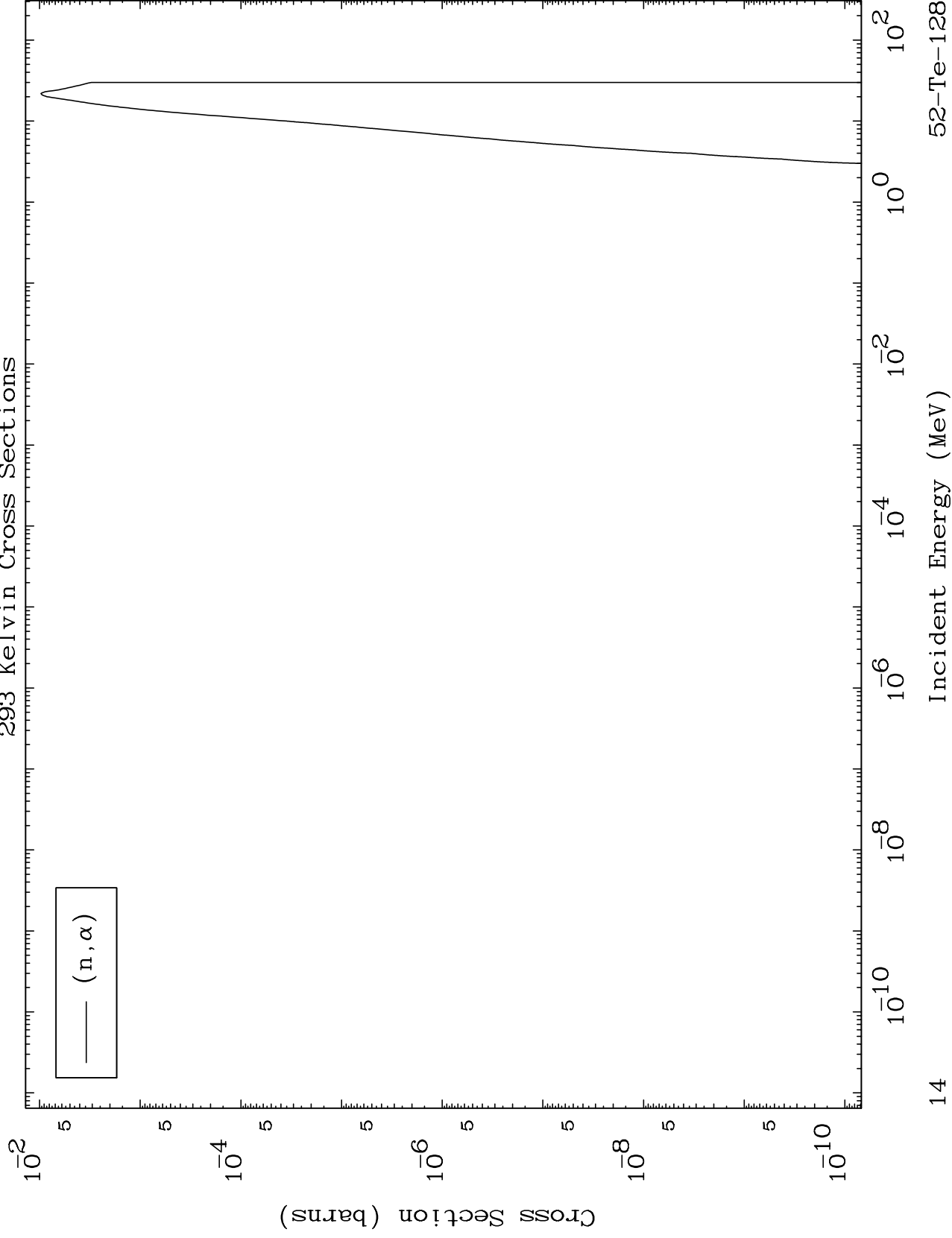
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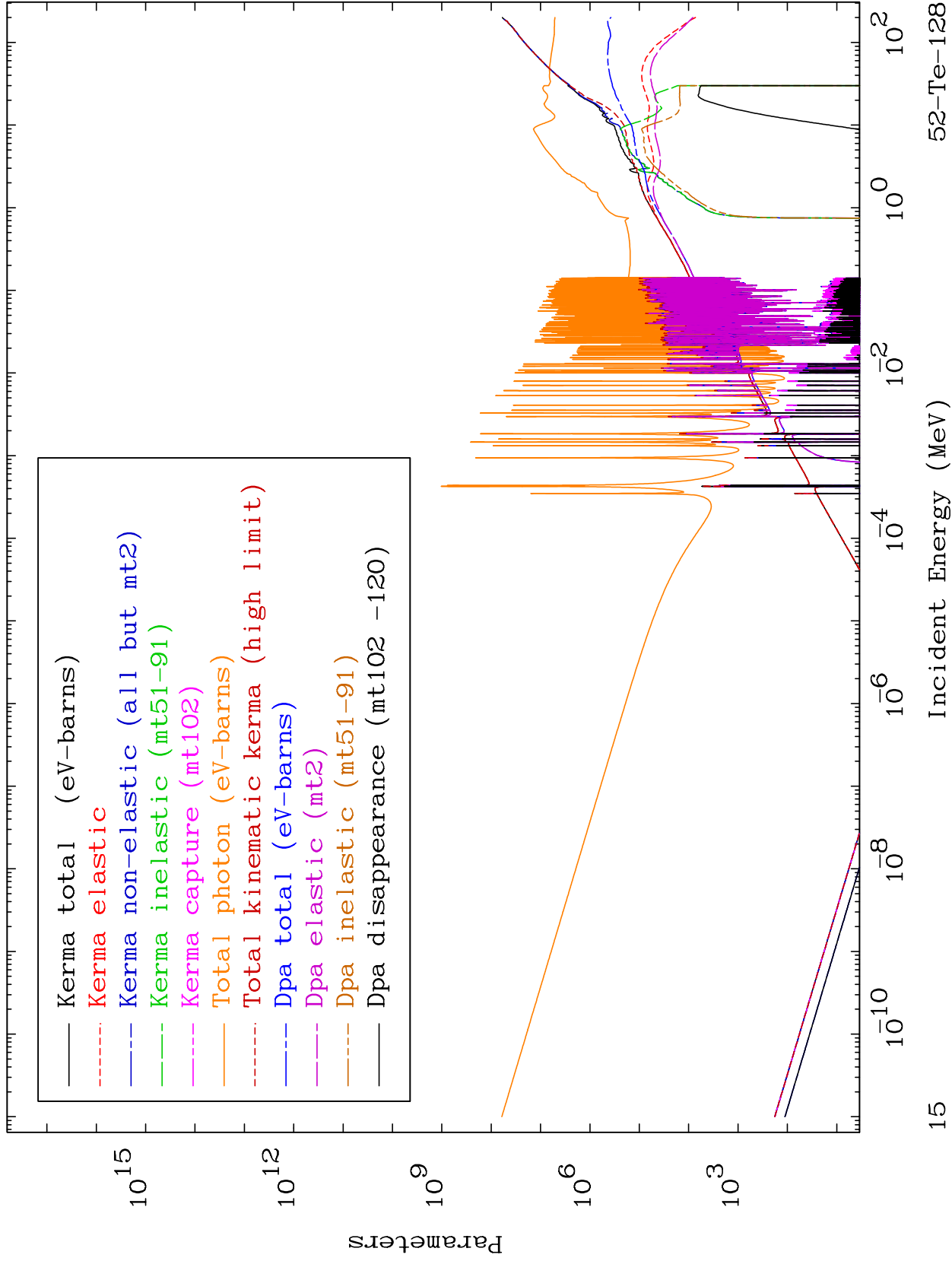
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MAT 5249

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

52-Te-128



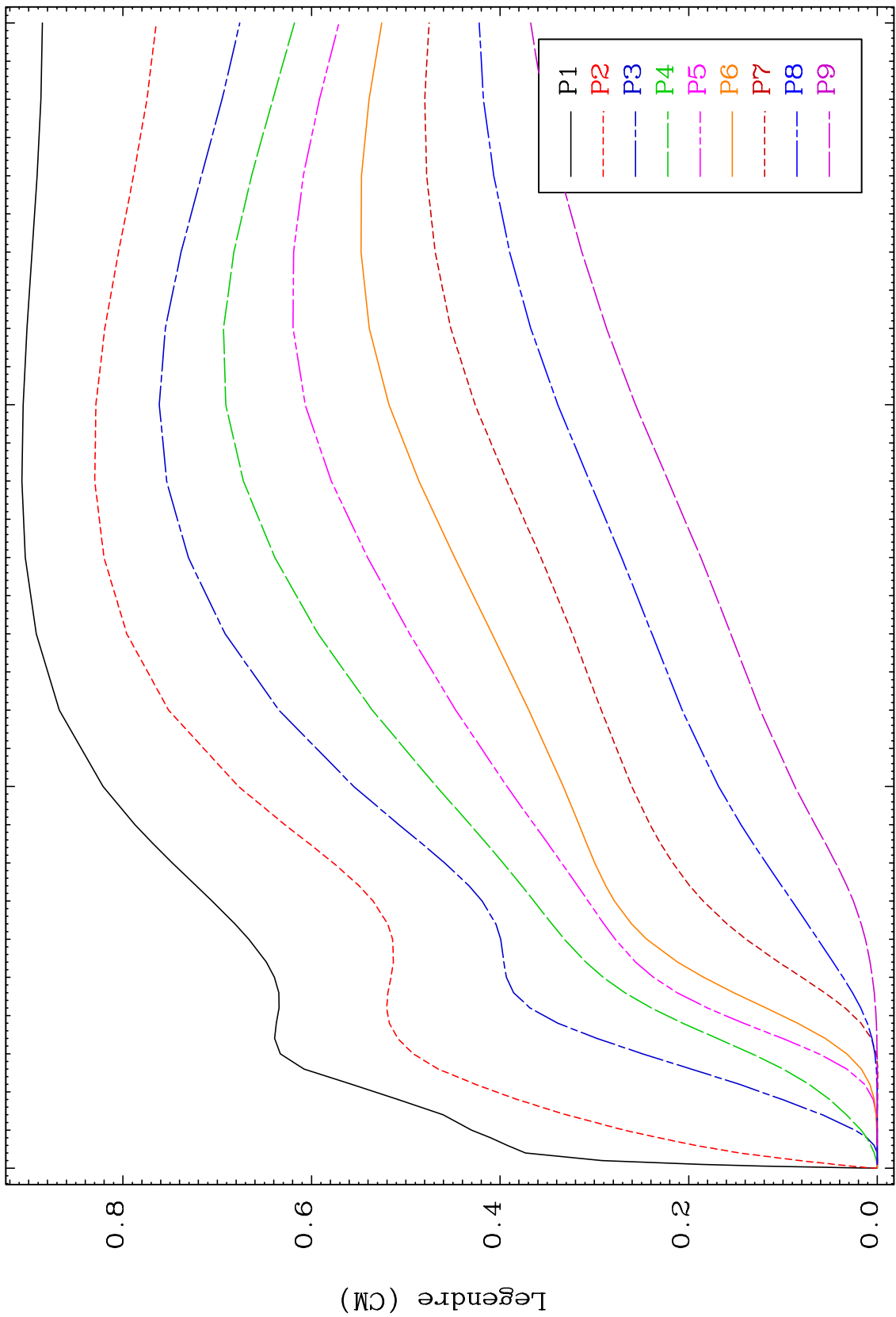




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52-Te-128

Elastic Legendre Coefficients



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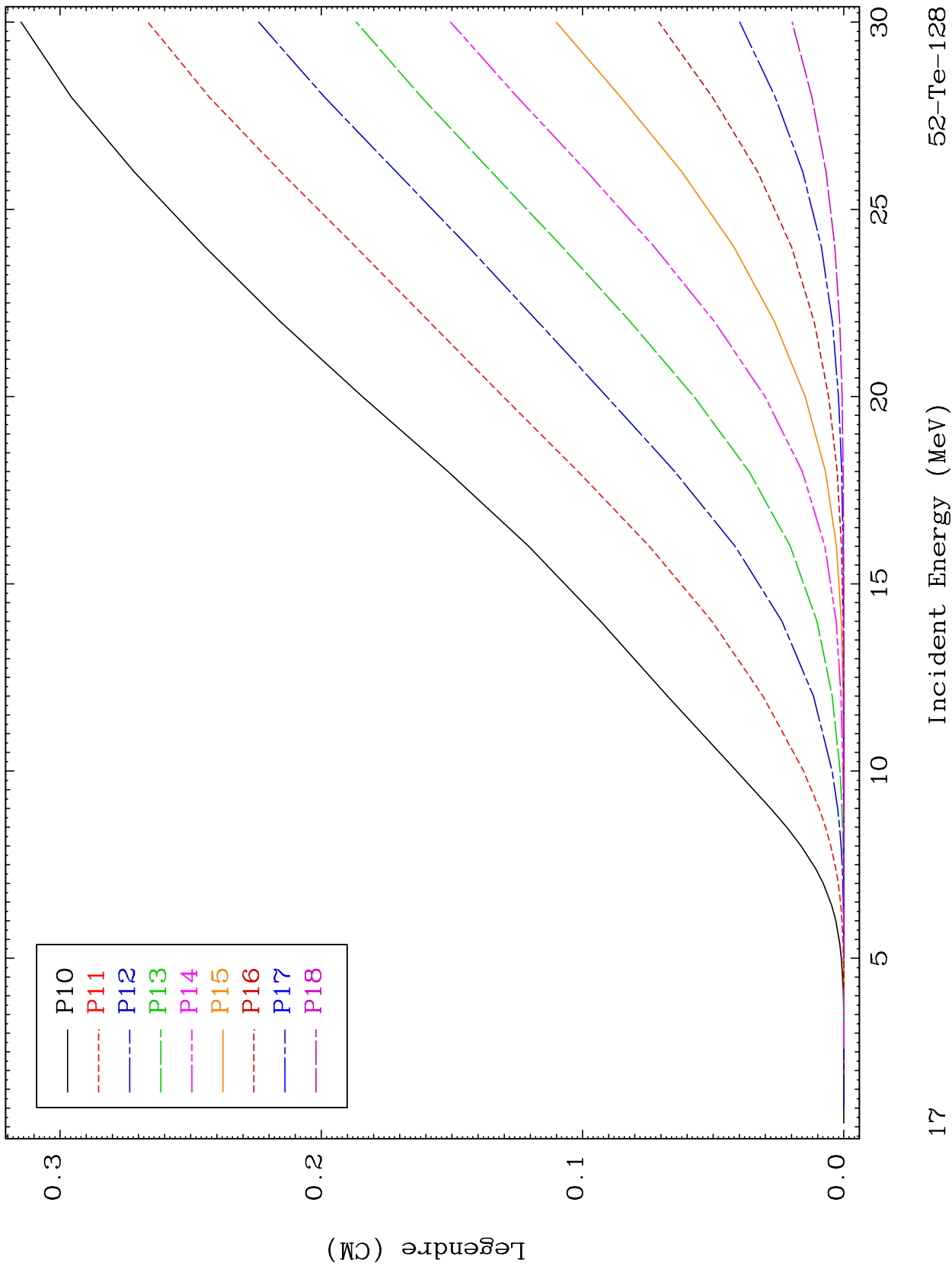
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128



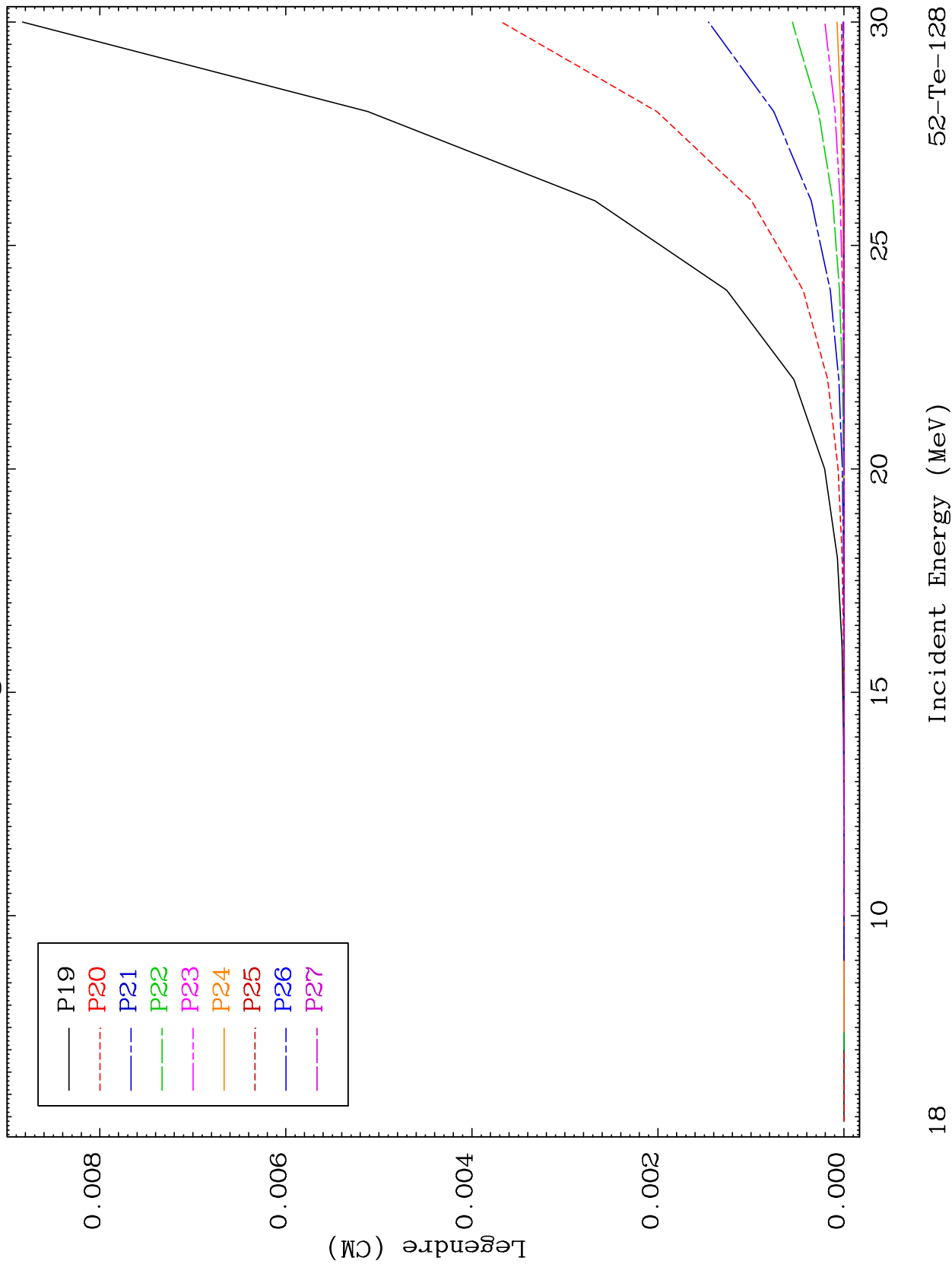
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52-Te-128

MAT 5249

### Elastic Legendre Coefficients

52-Te-128



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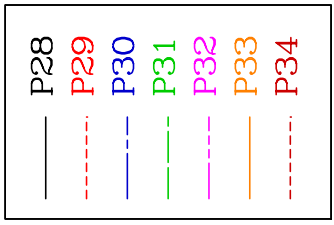
Incident Energy (MeV)

52-Te-128

MAT 5249

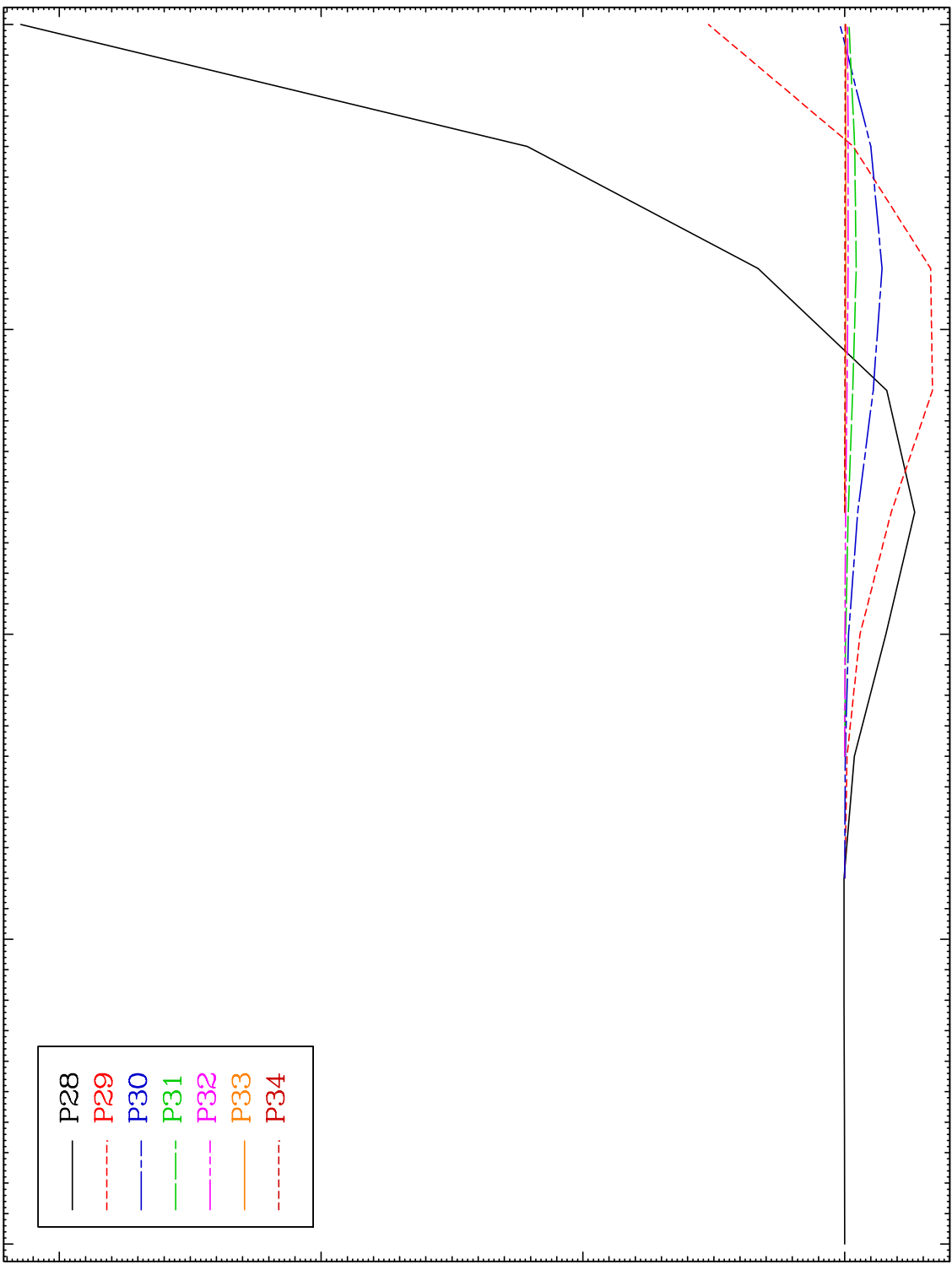
Elastic Legendre Coefficients

52-Te-128



$\times 10^{-76}$

Legendre (CM)



19

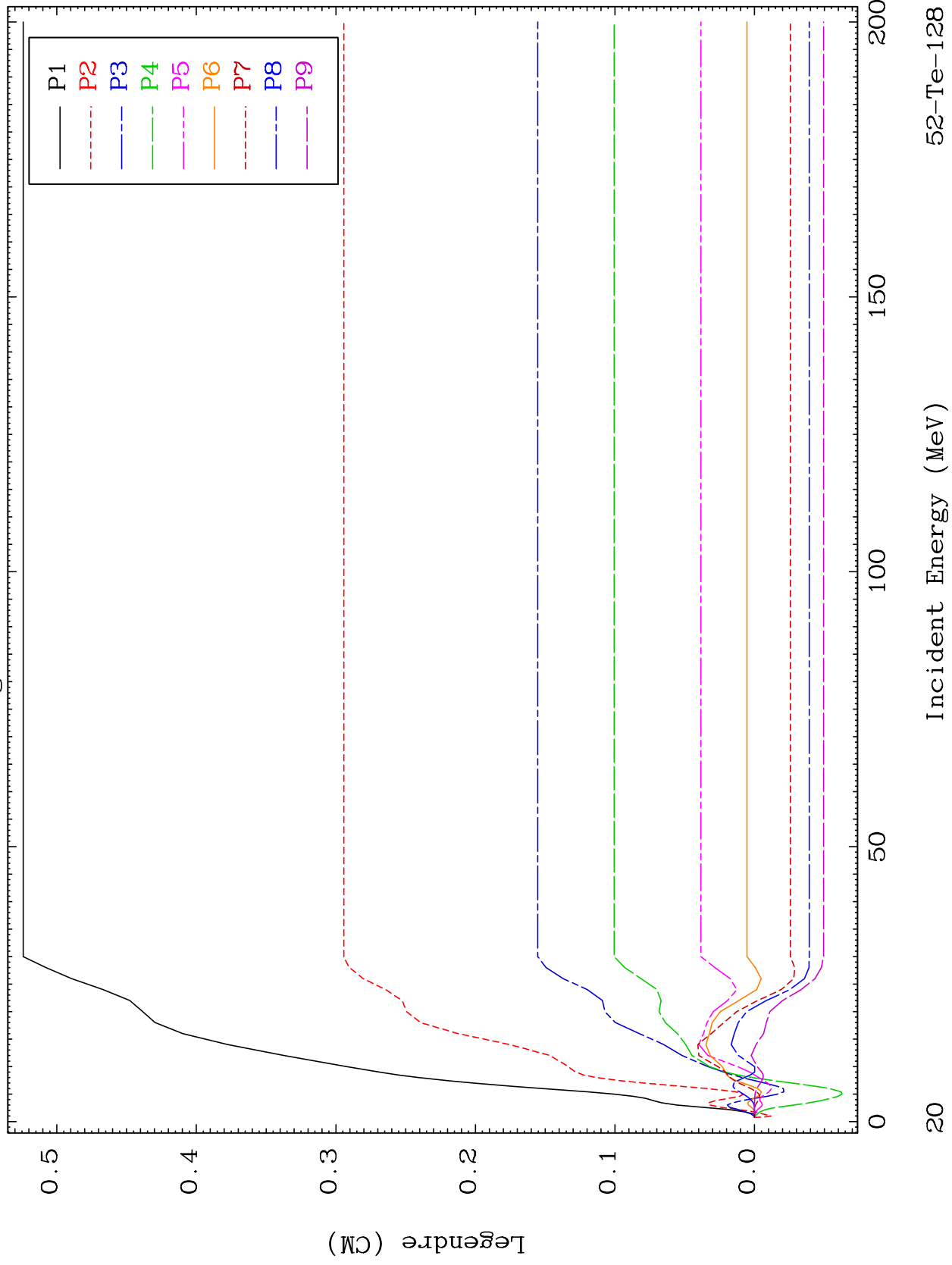
Incident Energy (MeV)

52-Te-128

MAT 5249

743.2 keV (n, n') Level  
Legendre Coefficients

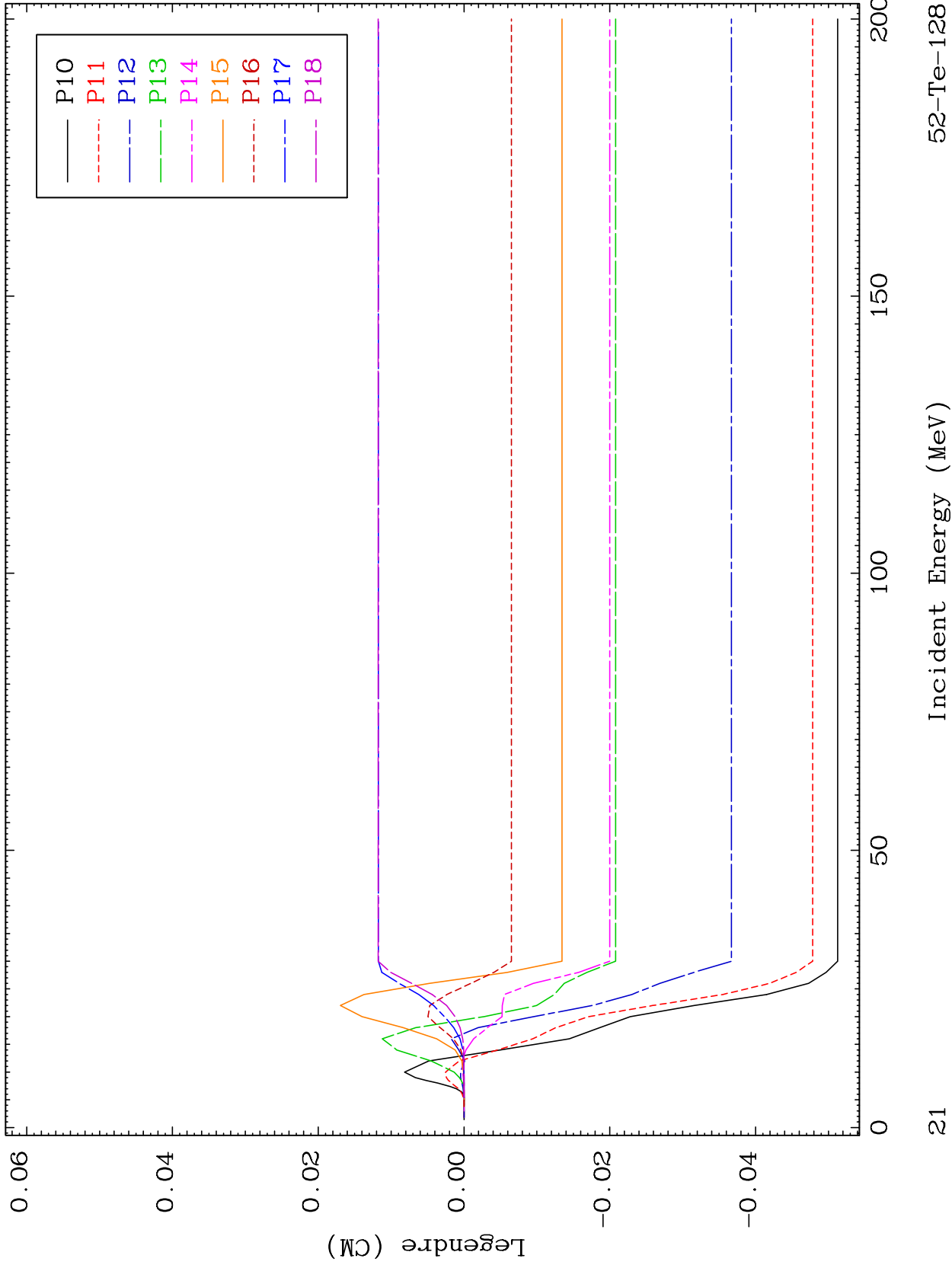
52-Te-128



52-Te-128

Incident Energy (MeV)

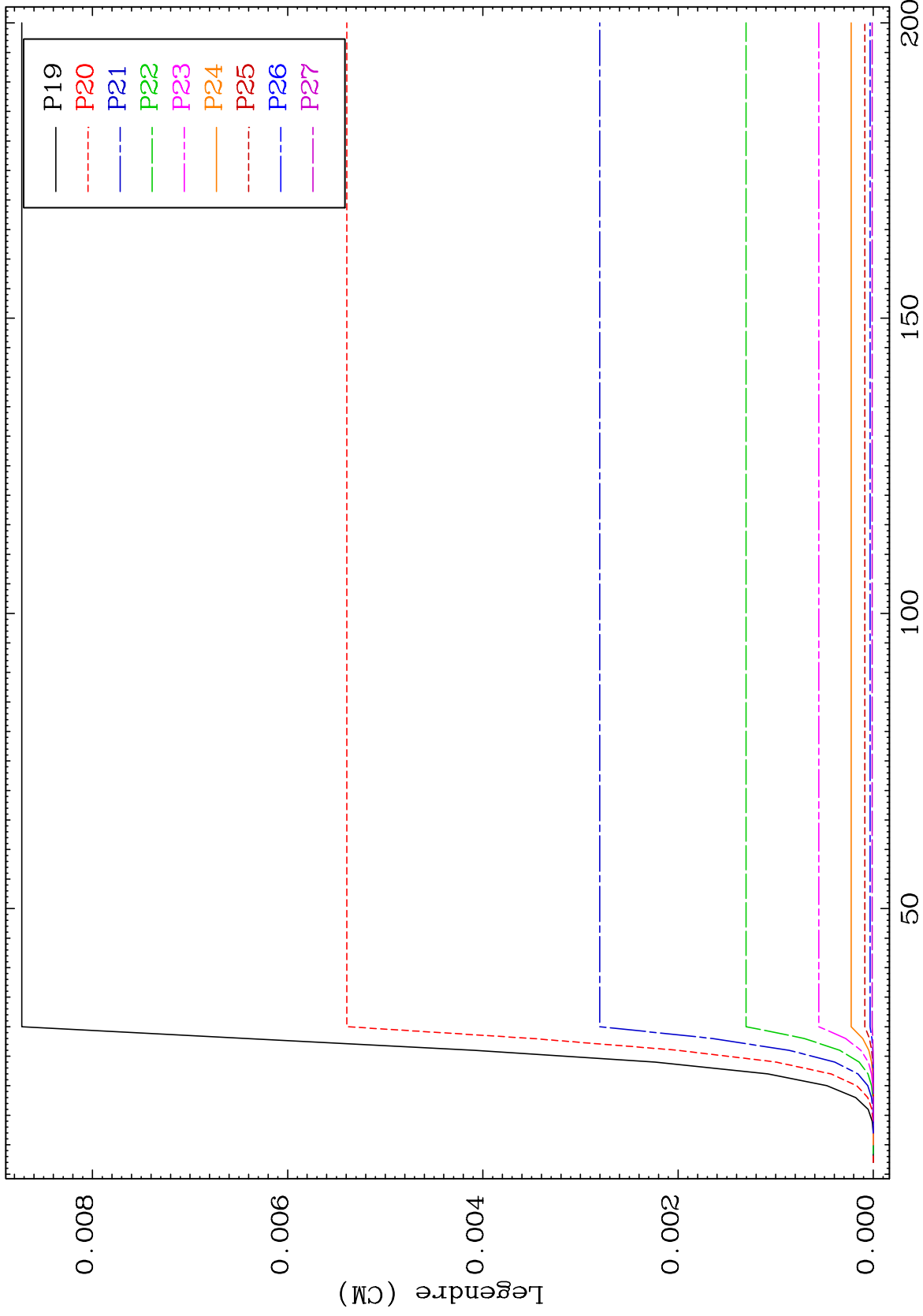
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MAT 5249

743.2 keV (n,n') Level  
Legendre Coefficients

52-Te-128



22

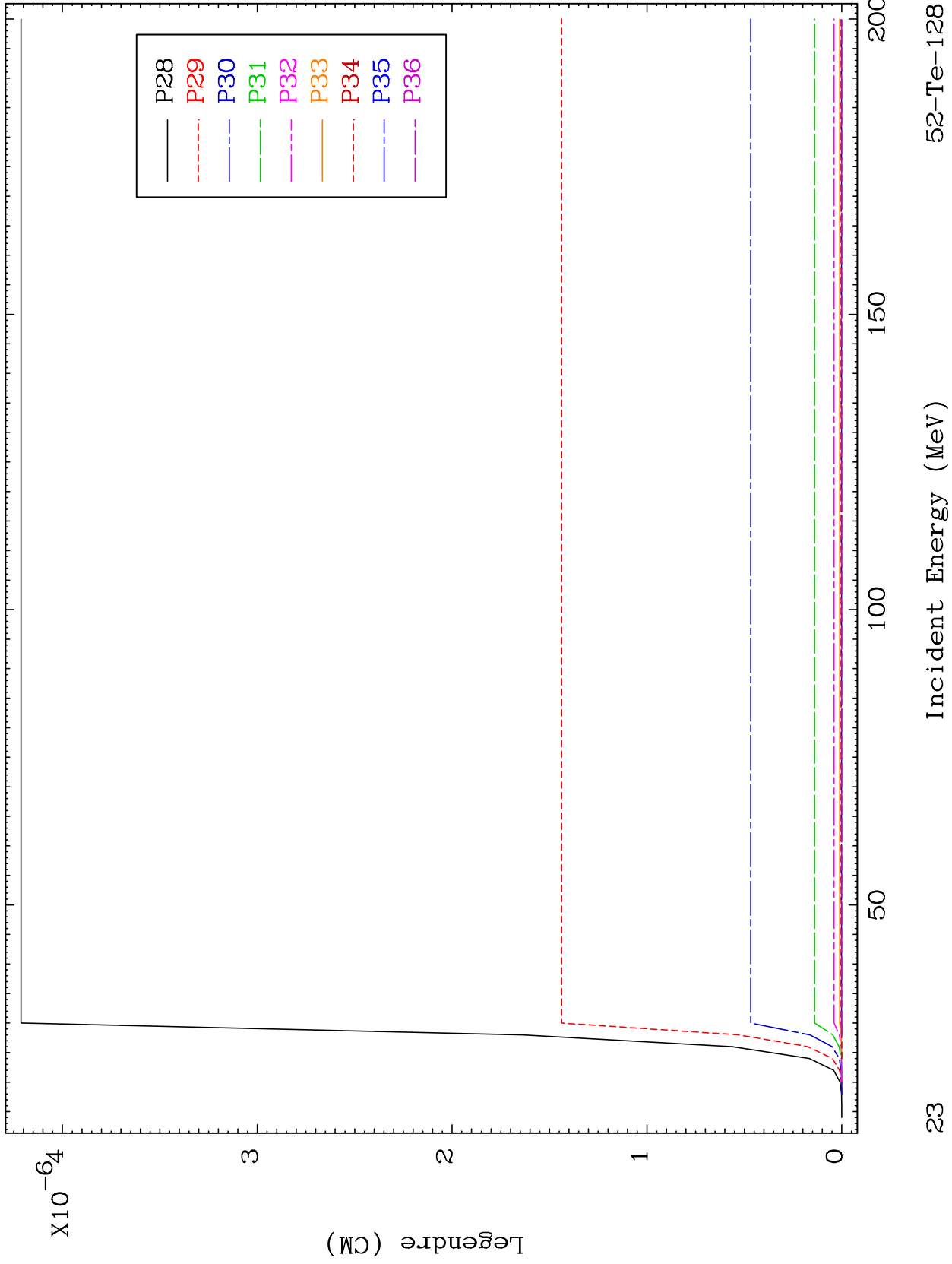
Incident Energy (MeV)

52-Te-128

MAT 5249

743.2 keV (n,n') Level  
Legendre Coefficients

52-Te-128



23

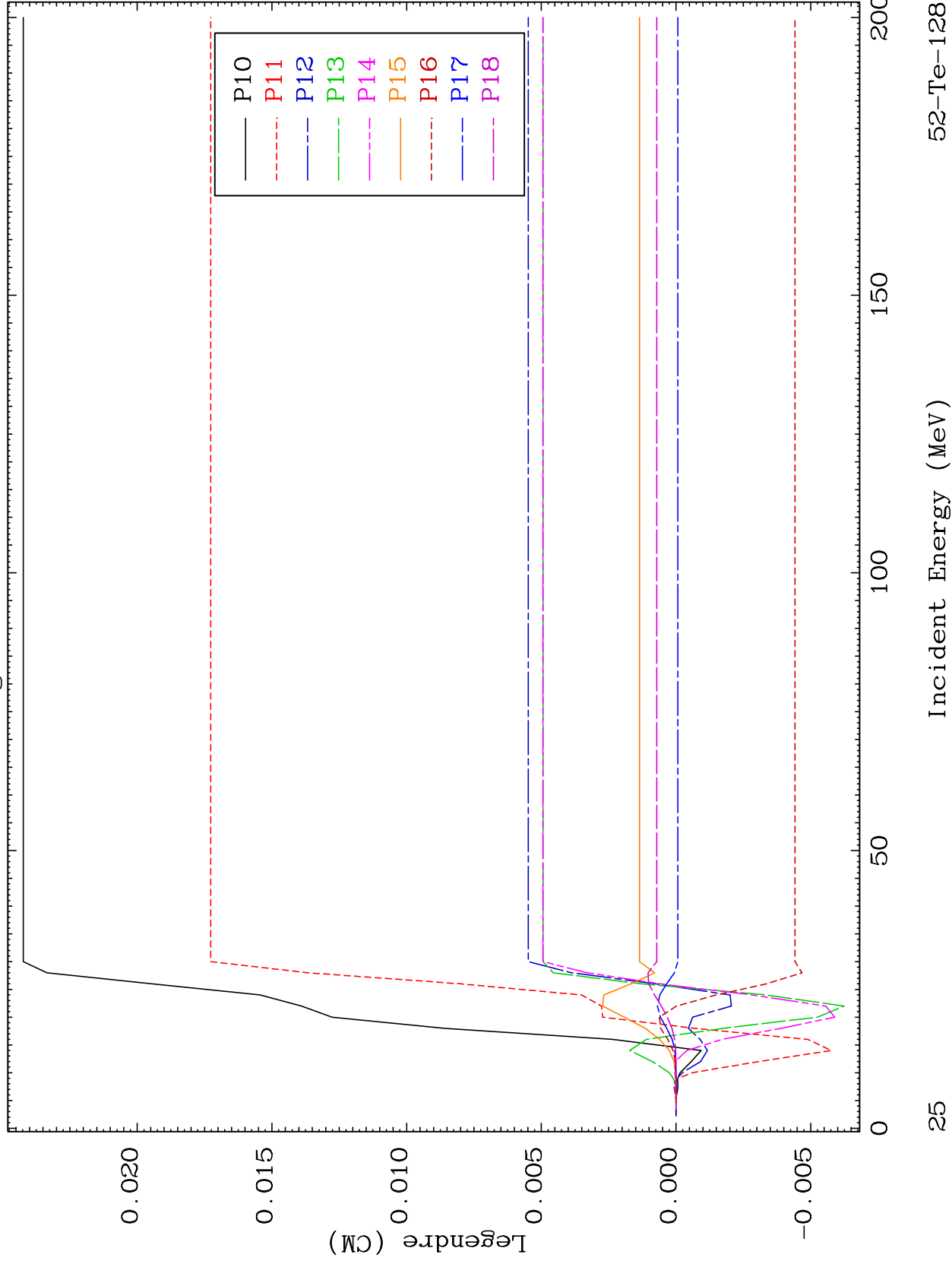




MAT 5249

1.497 MeV (n,n') Level  
Legendre Coefficients

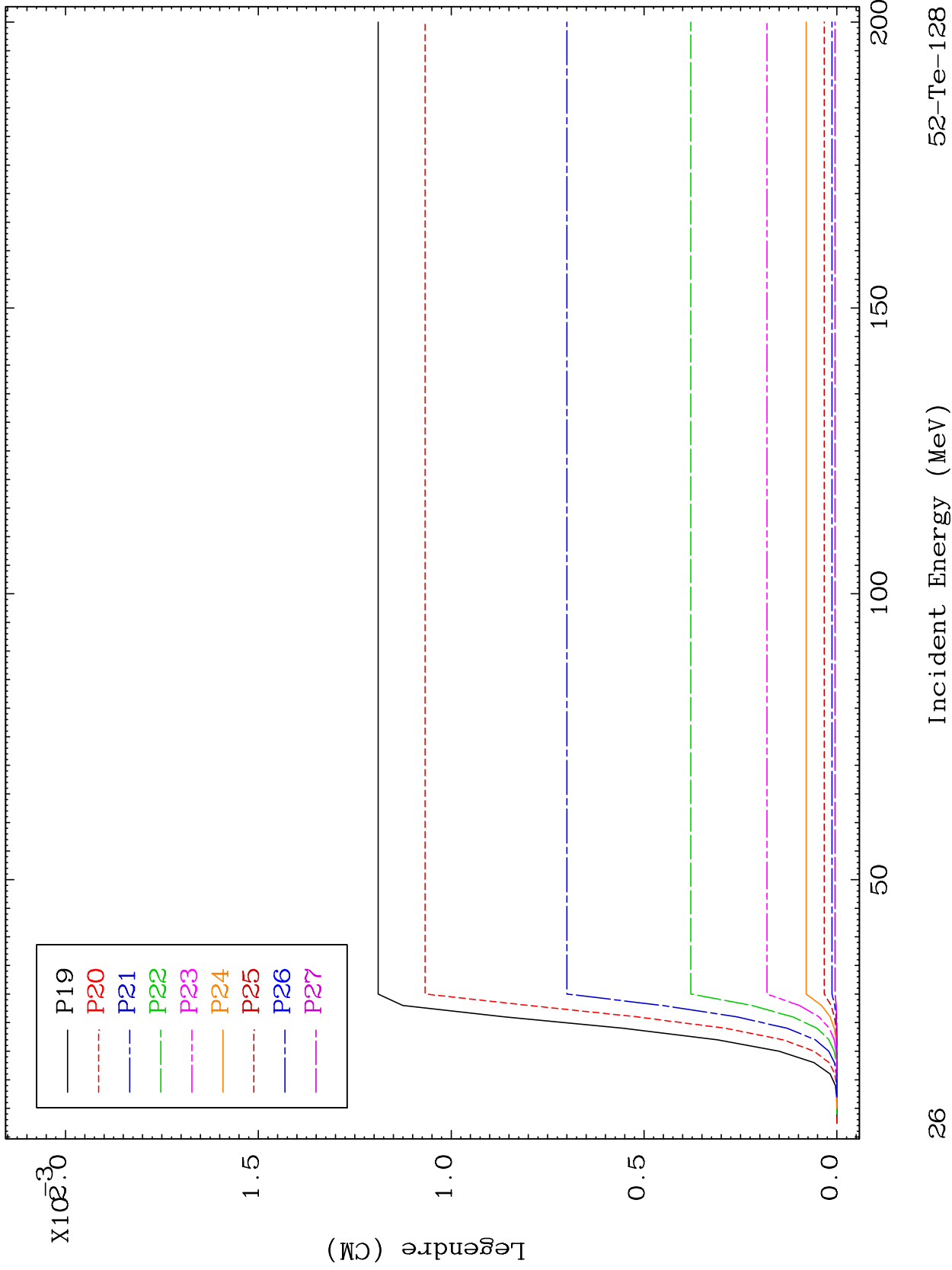
52-Te-128



52-Te-128

Incident Energy (MeV)

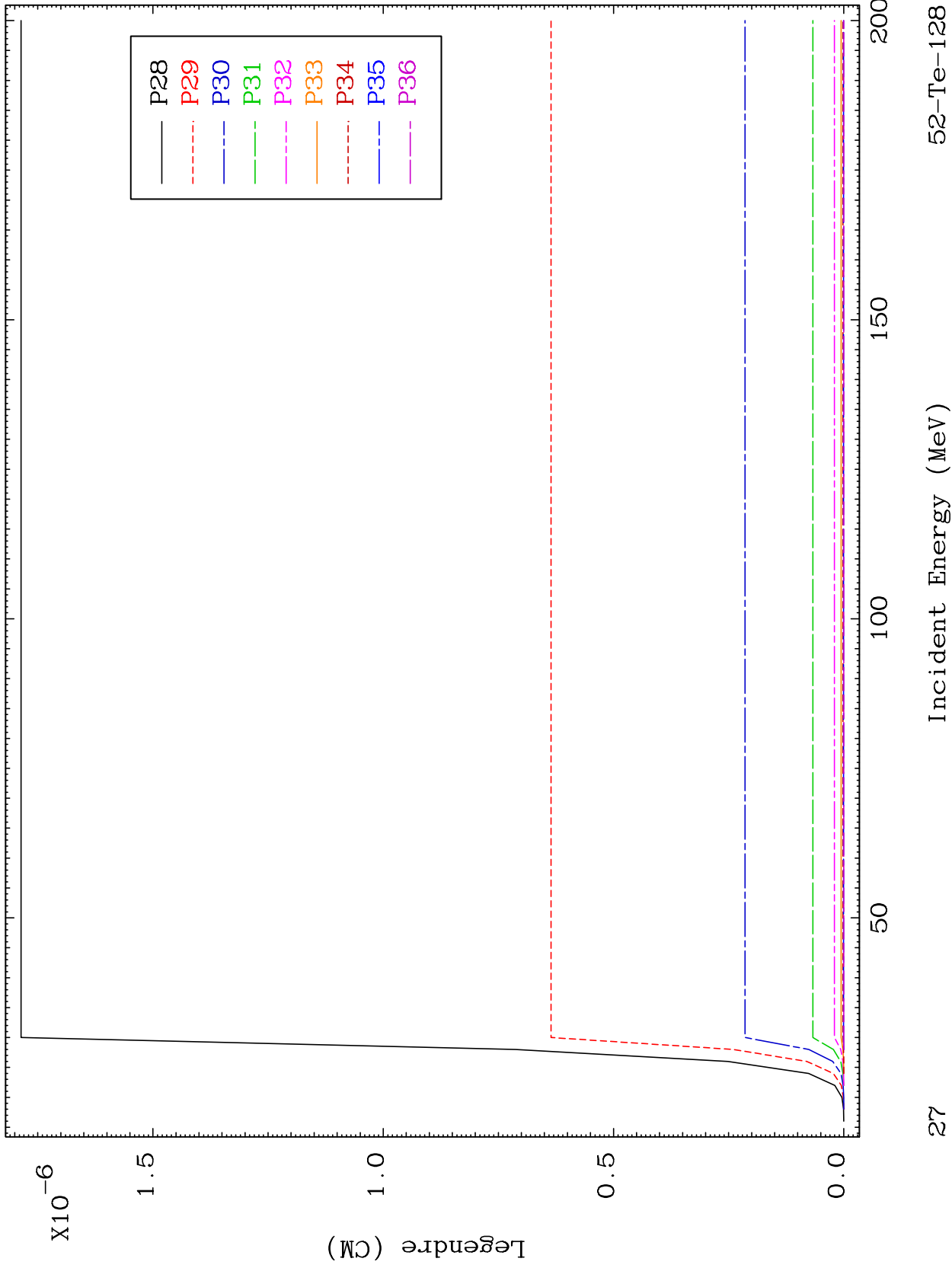
25



MAT 5249

1.497 MeV (n,n') Level  
Legendre Coefficients

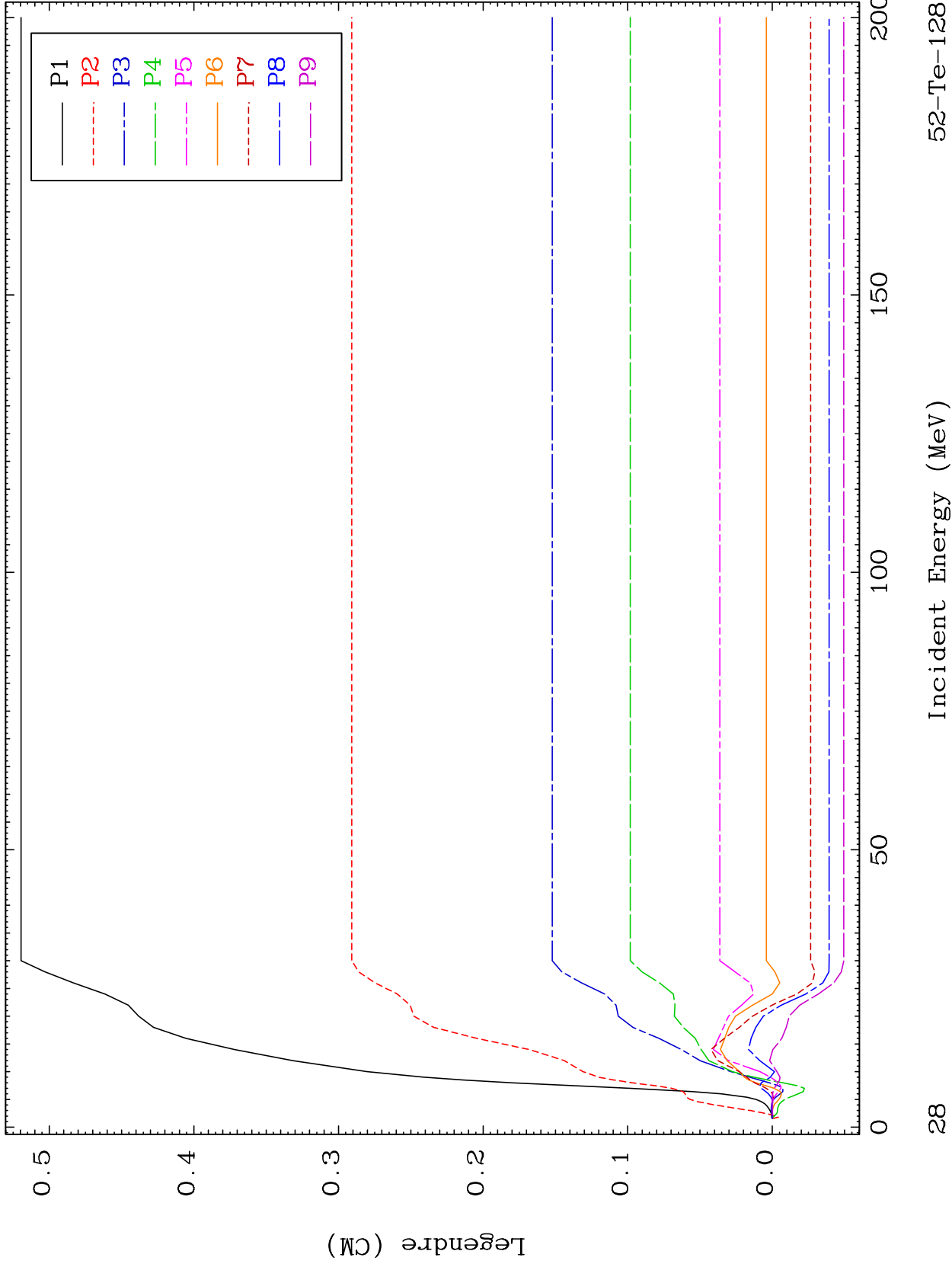
52-Te-128



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1.520 MeV (n,n') Level  
Legendre Coefficients

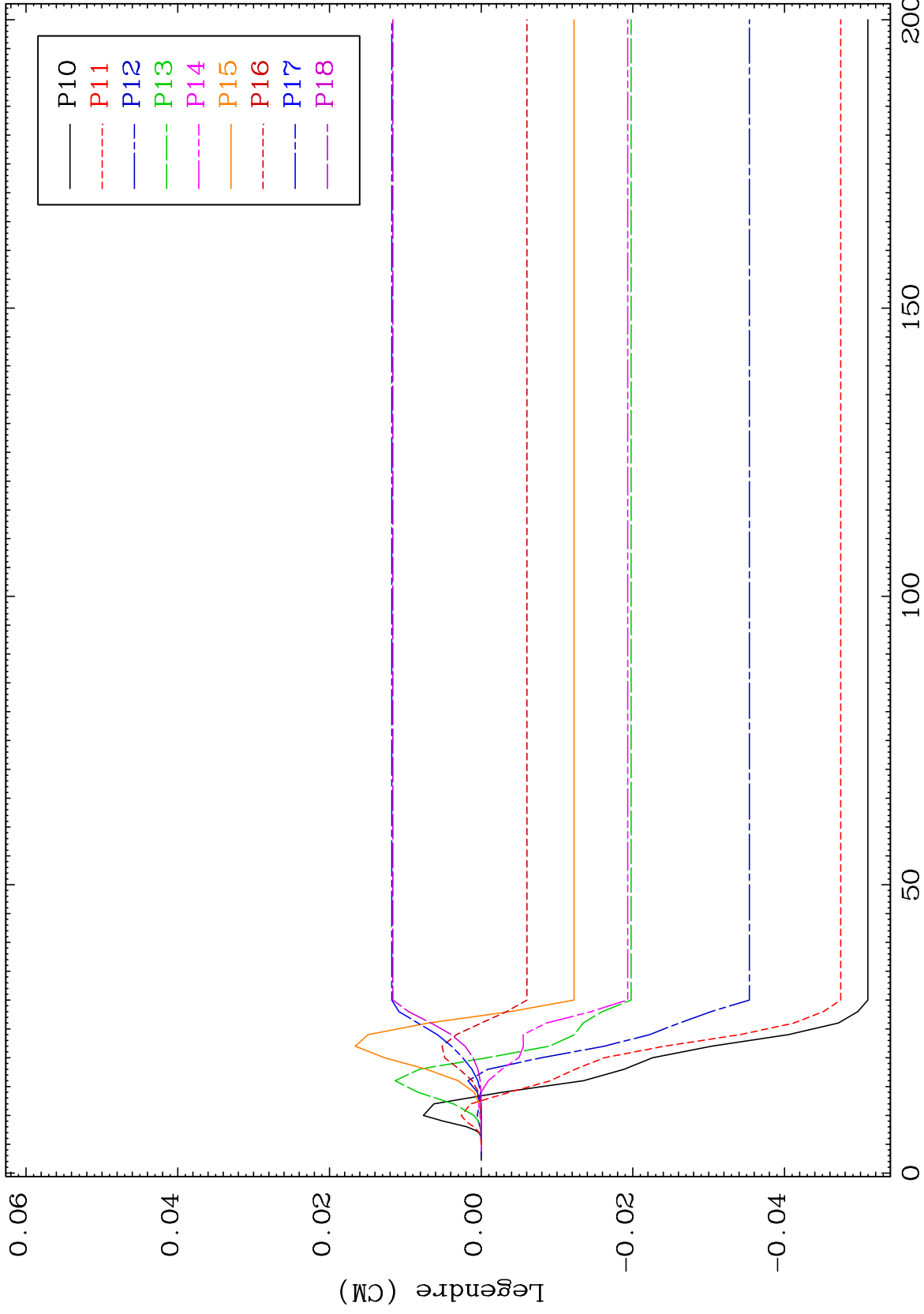
52-Te-128



28

Incident Energy (MeV)

52-Te-128

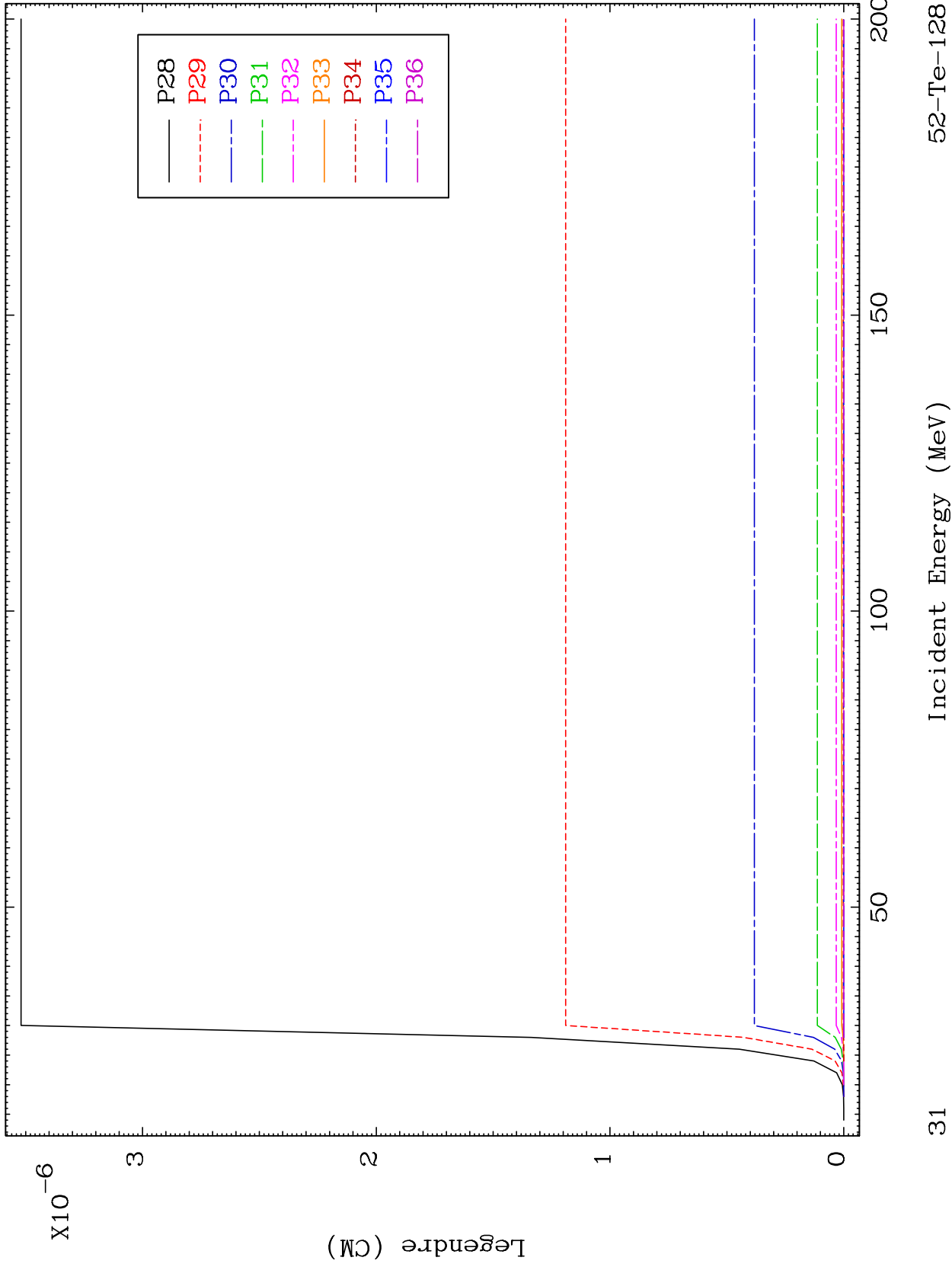




MAT 5249

1.520 MeV (n, n') Level  
Legendre Coefficients

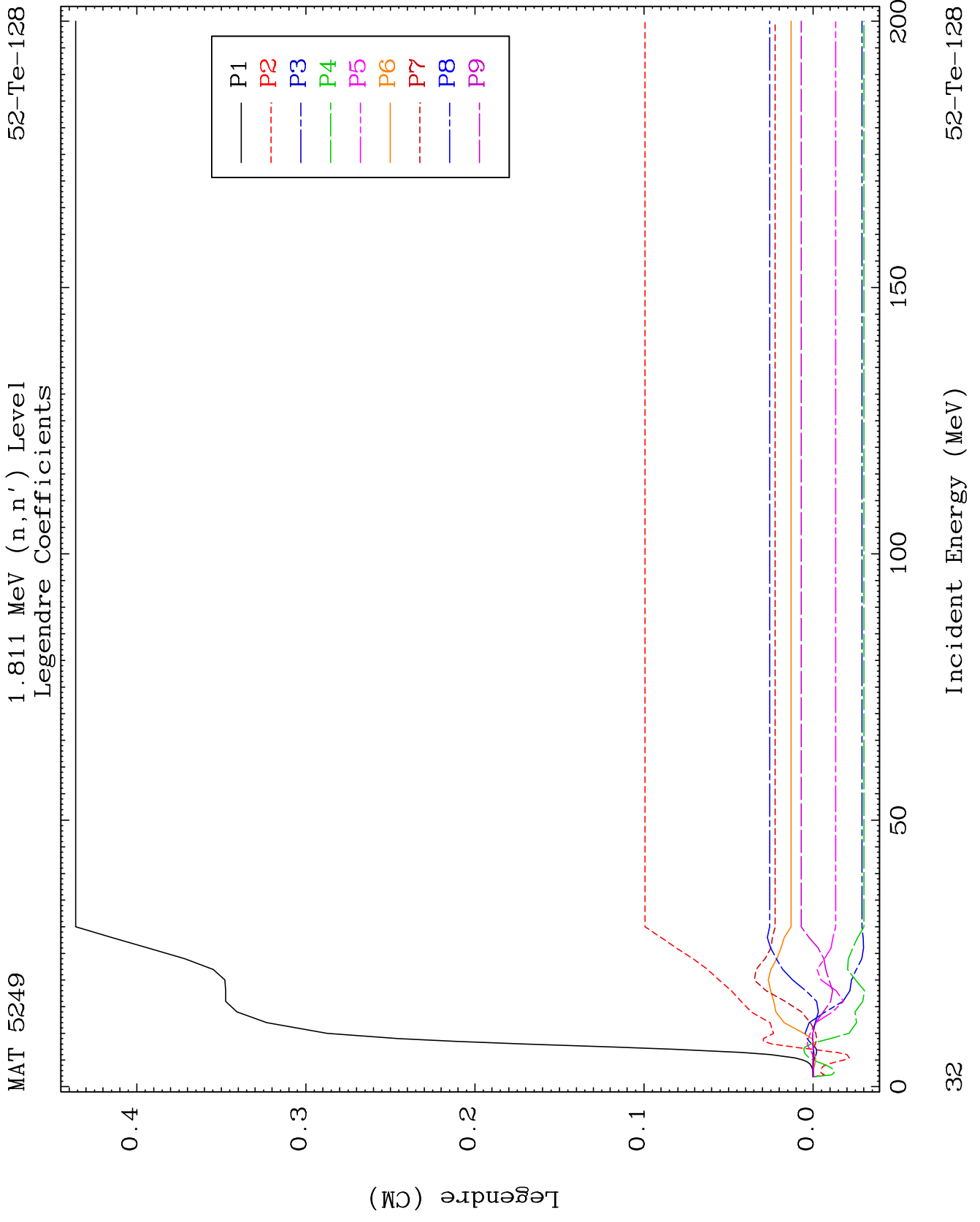
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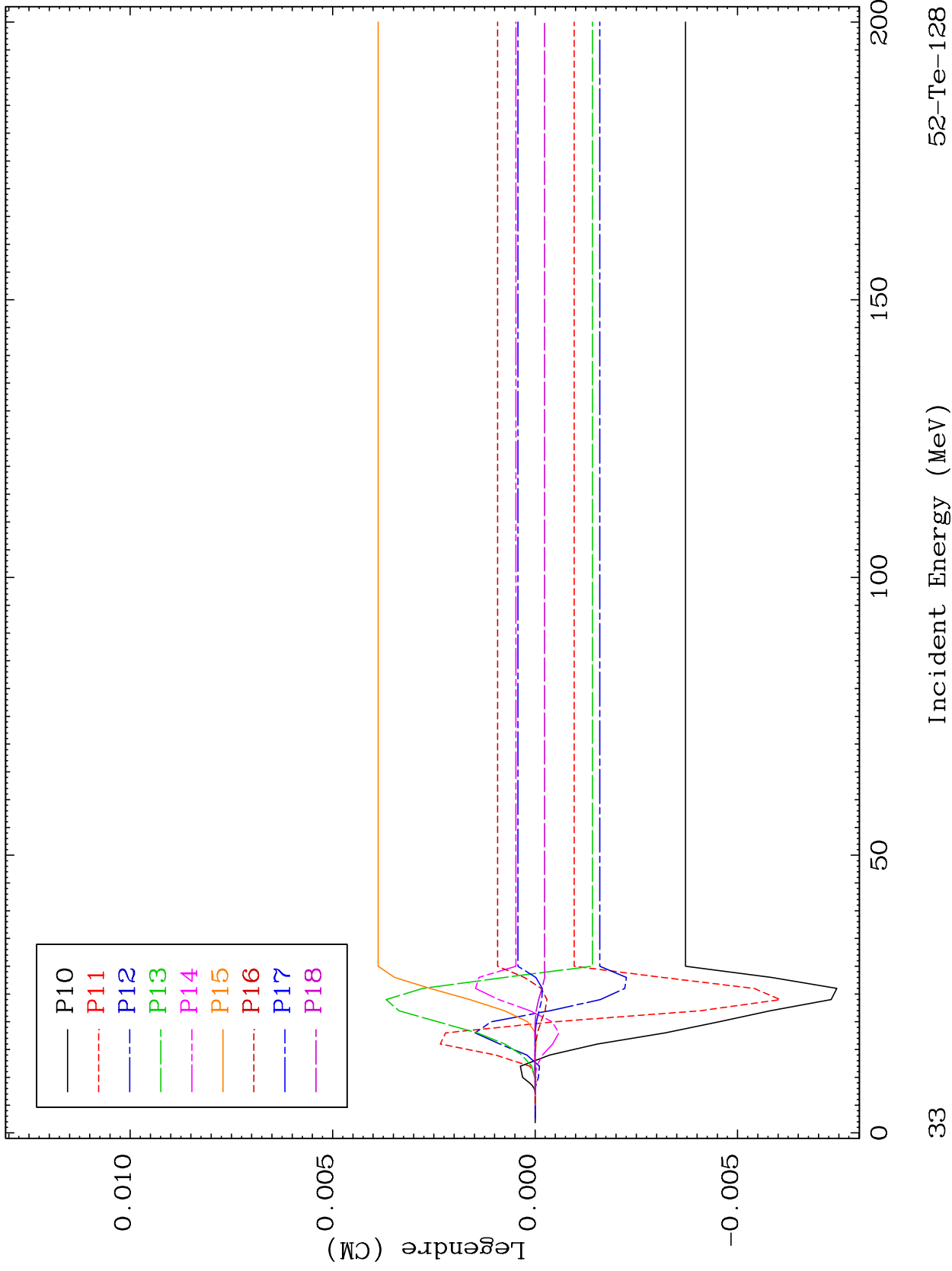


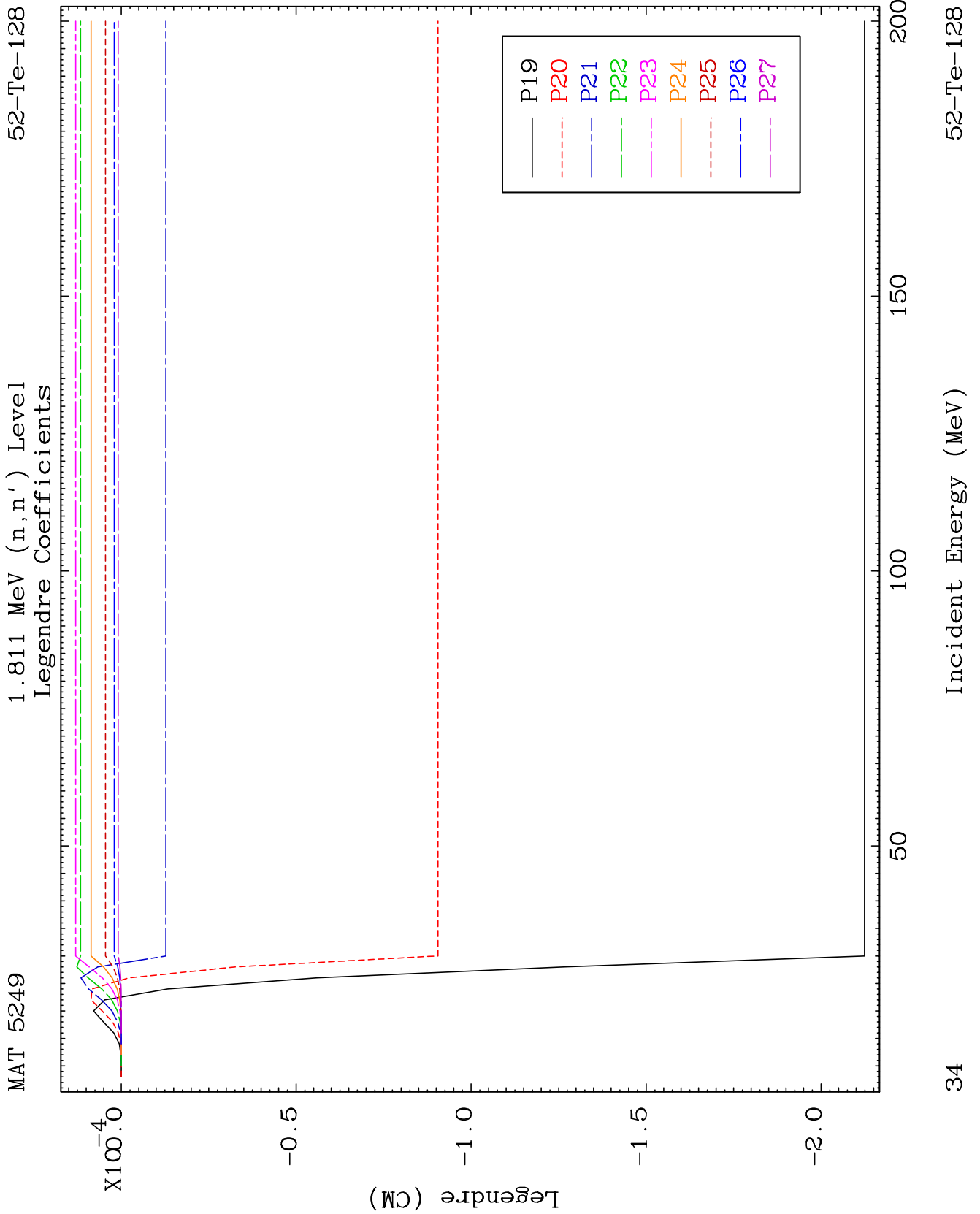
31

52-Te-128





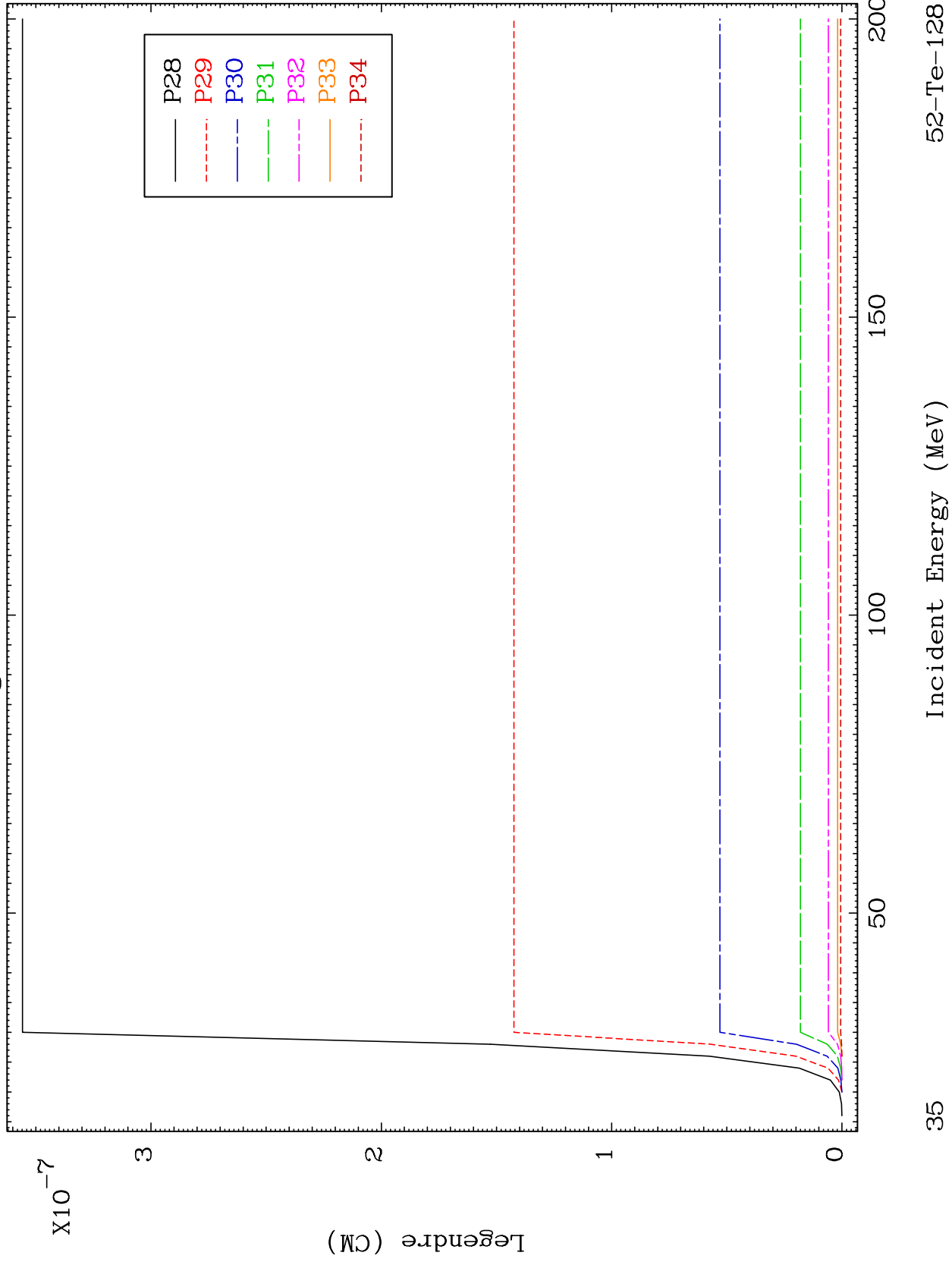




MAT 5249

1.811 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

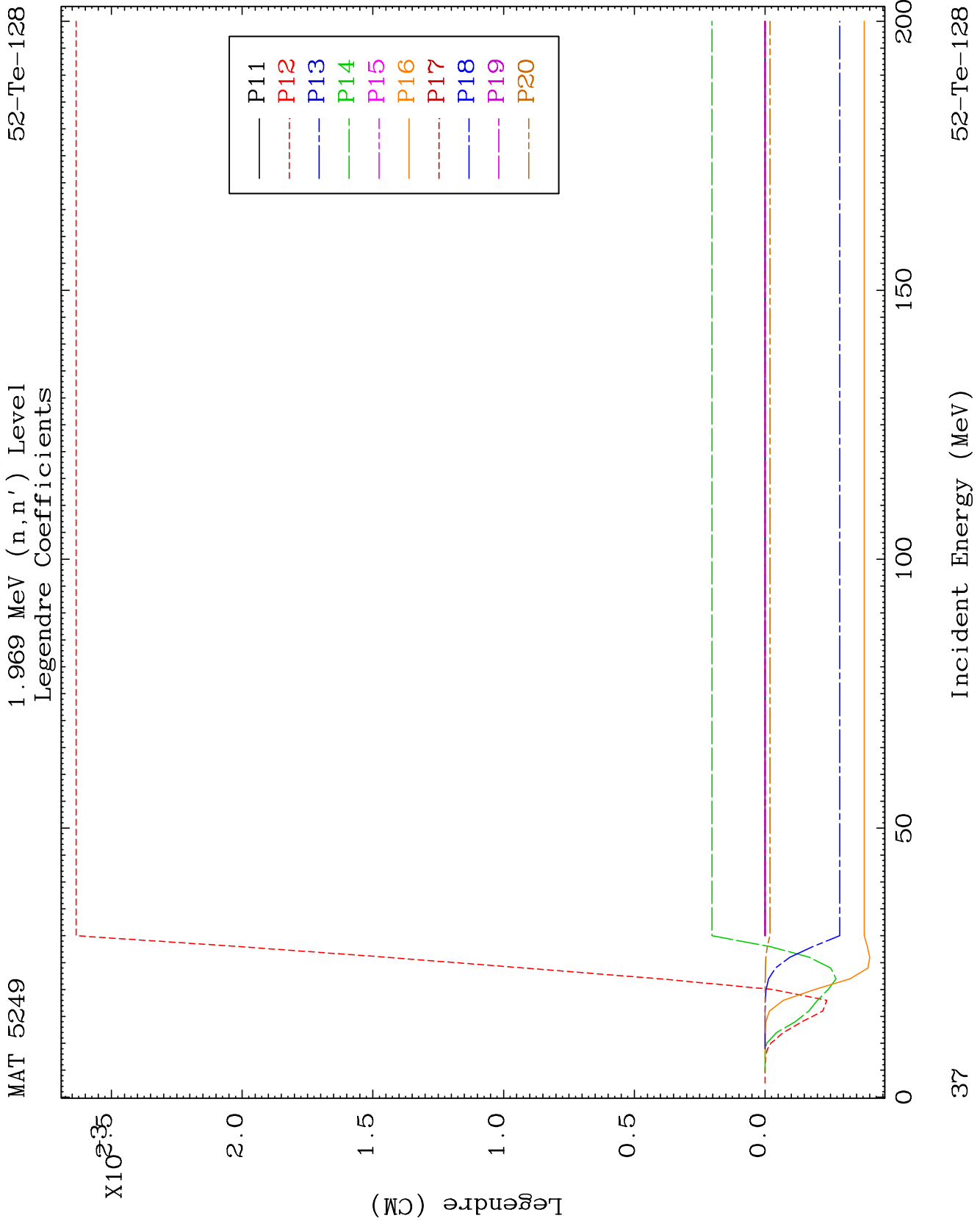


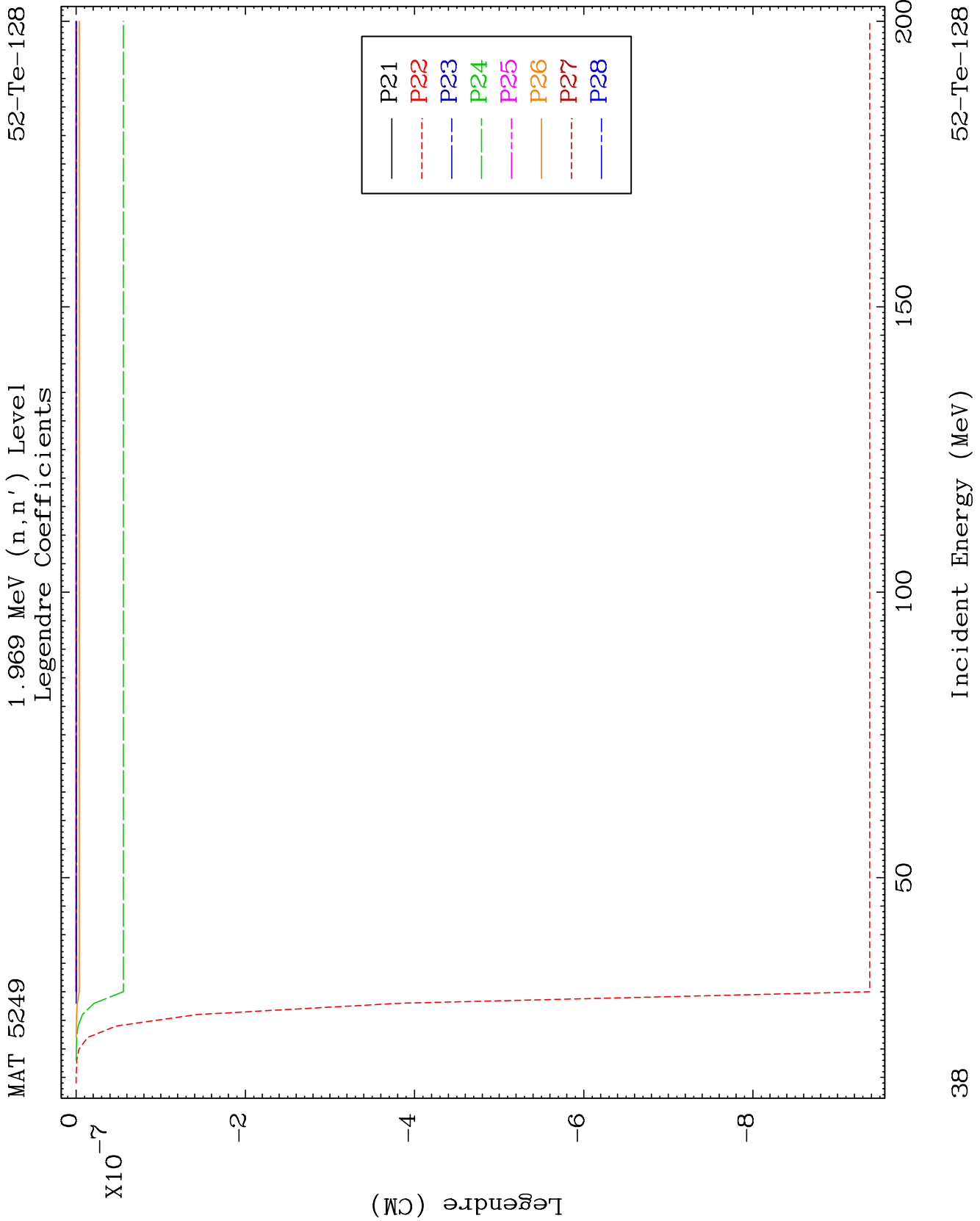
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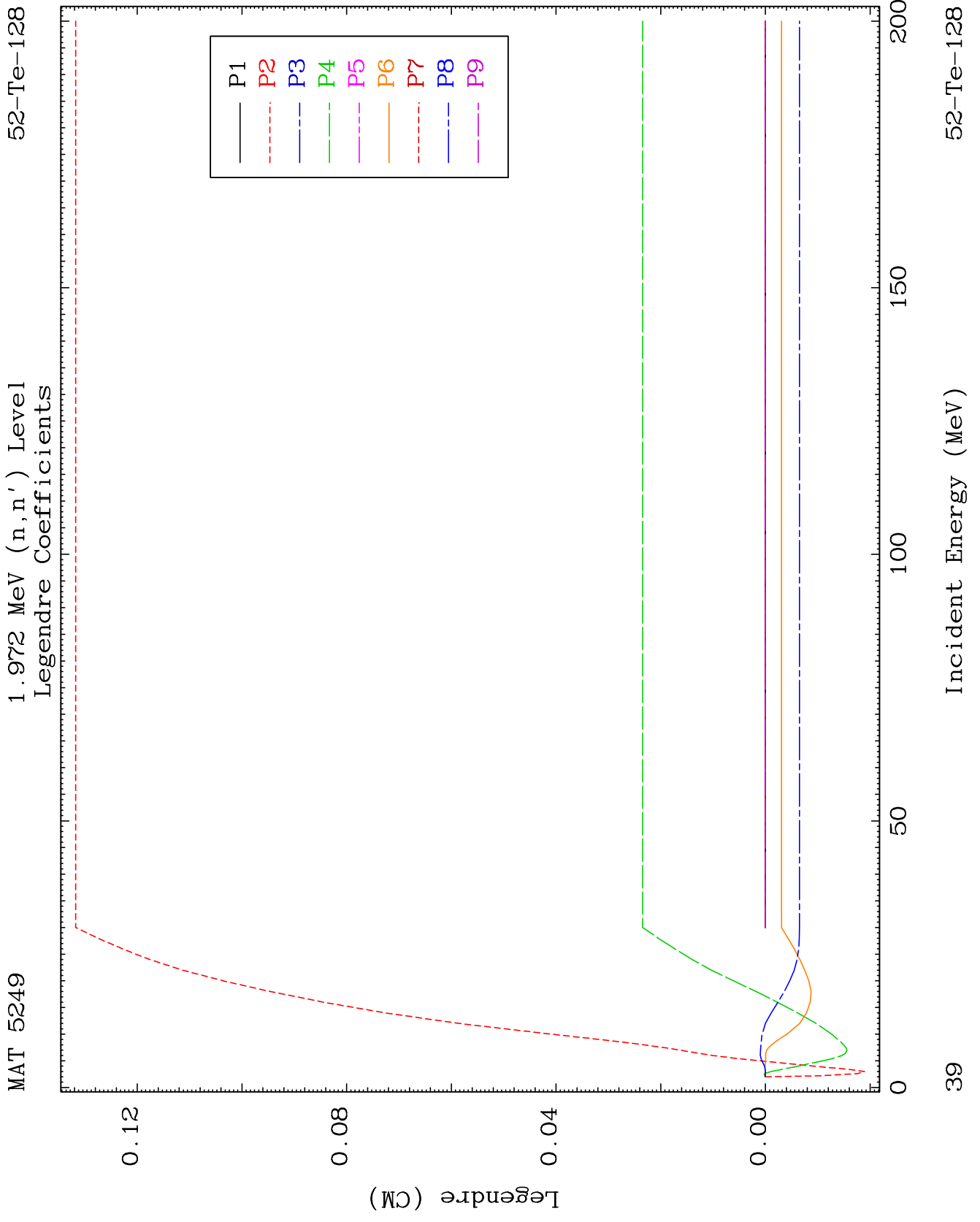
Incident Energy (MeV)

52-Te-128







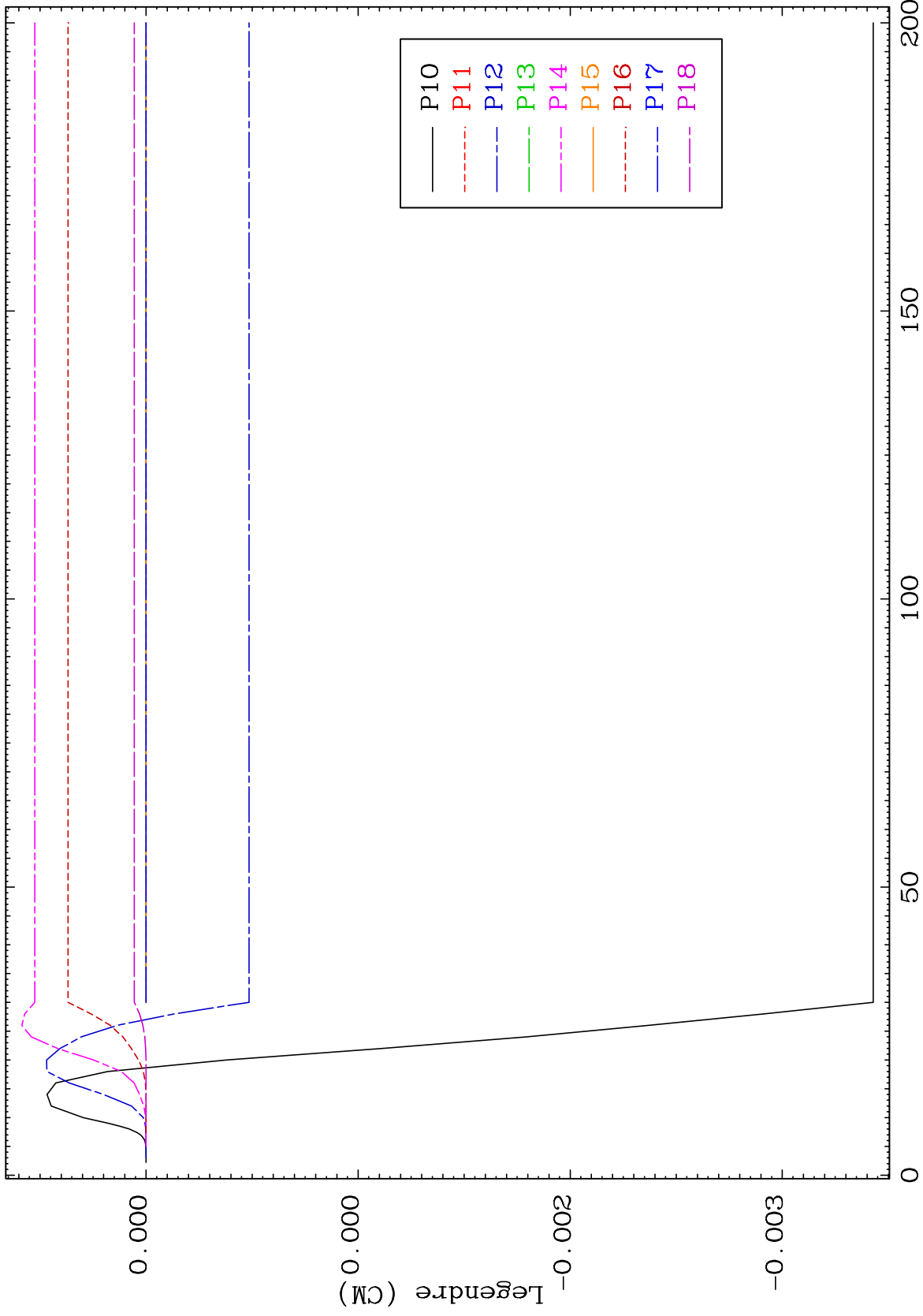




MAT 5249

1.972 MeV (n,n') Level  
Legendre Coefficients

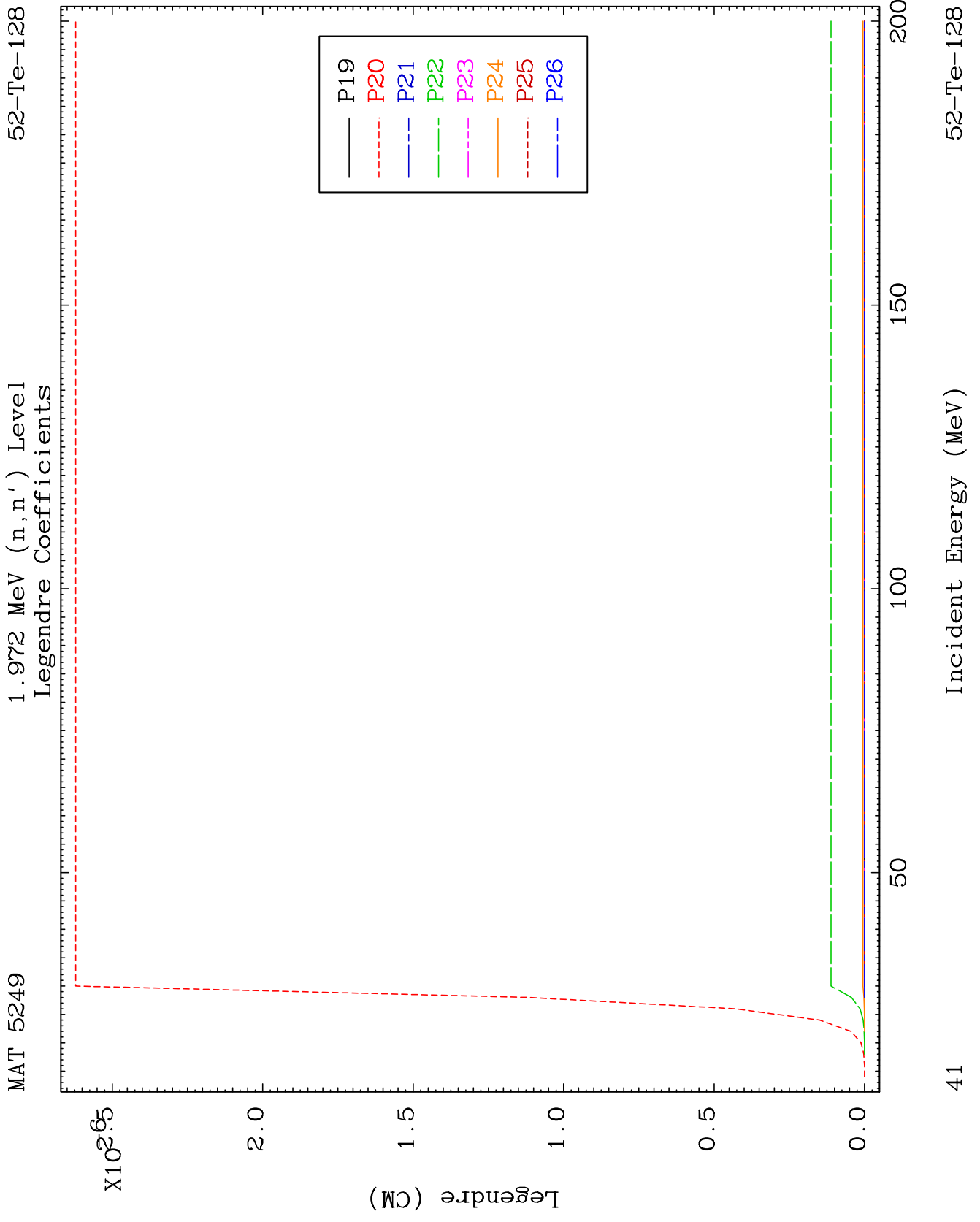
52-Te-128



40

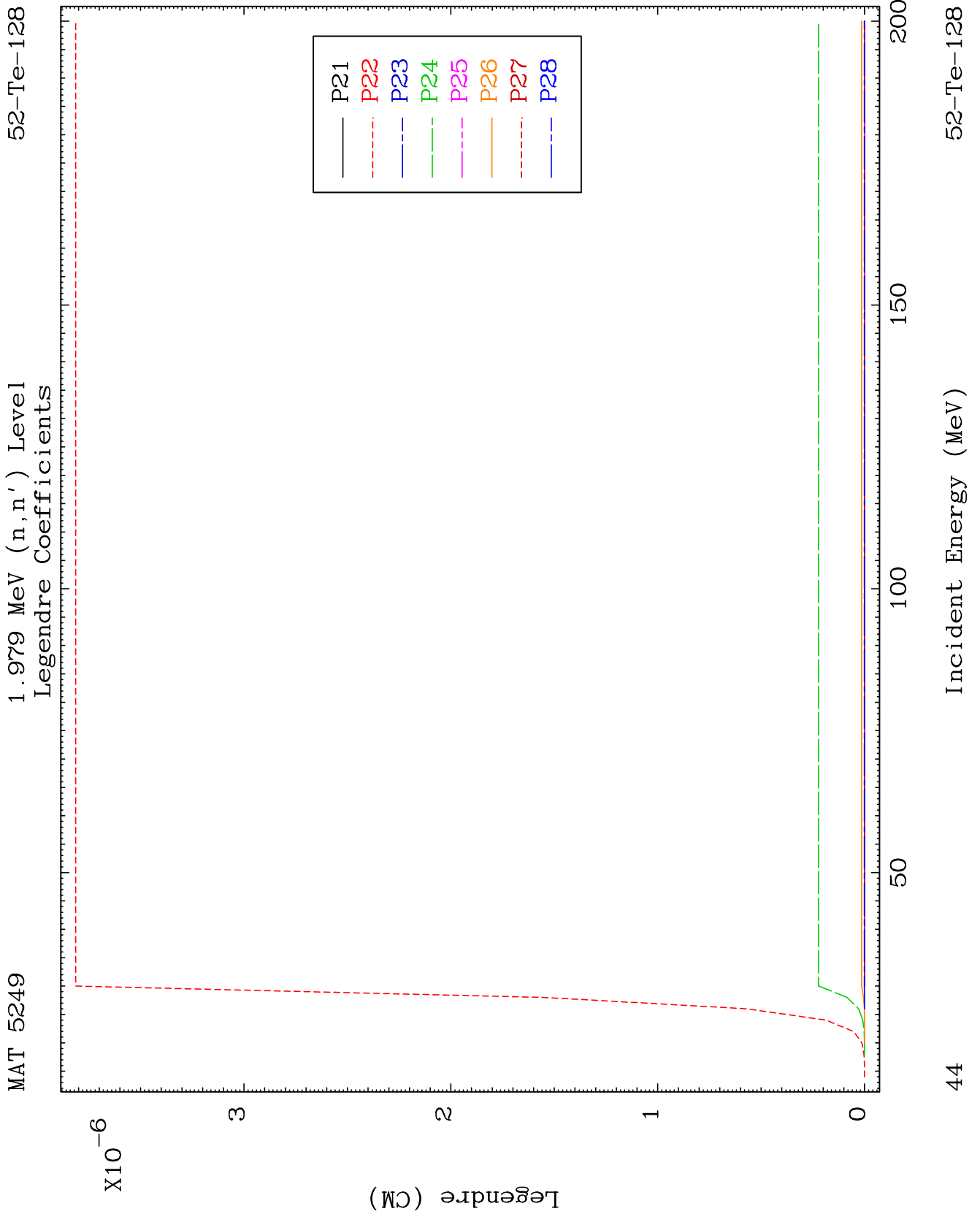
Incident Energy (MeV)

52-Te-128





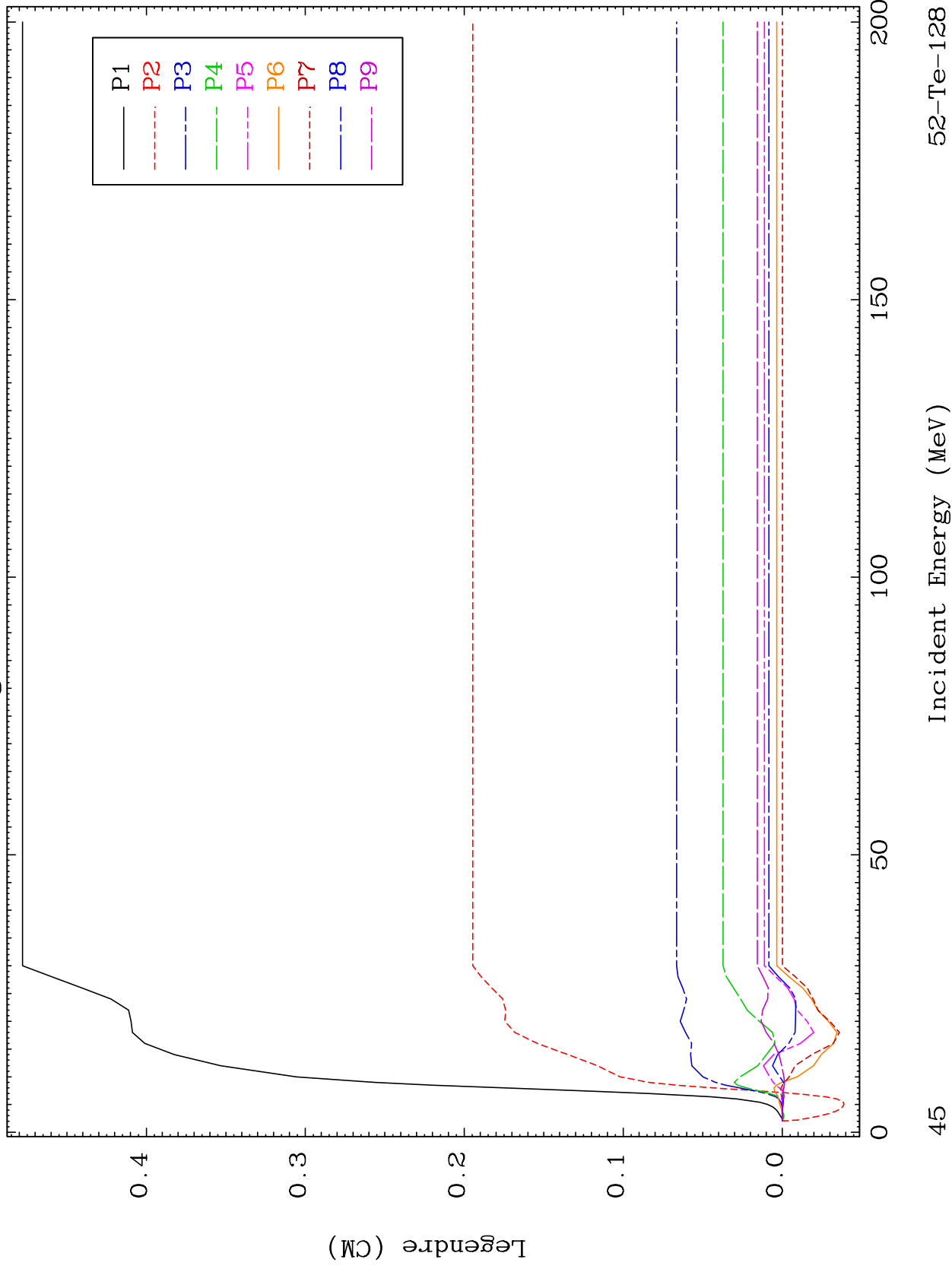




MAT 5249

2.028 MeV (n, n') Level  
Legendre Coefficients

52-Te-128

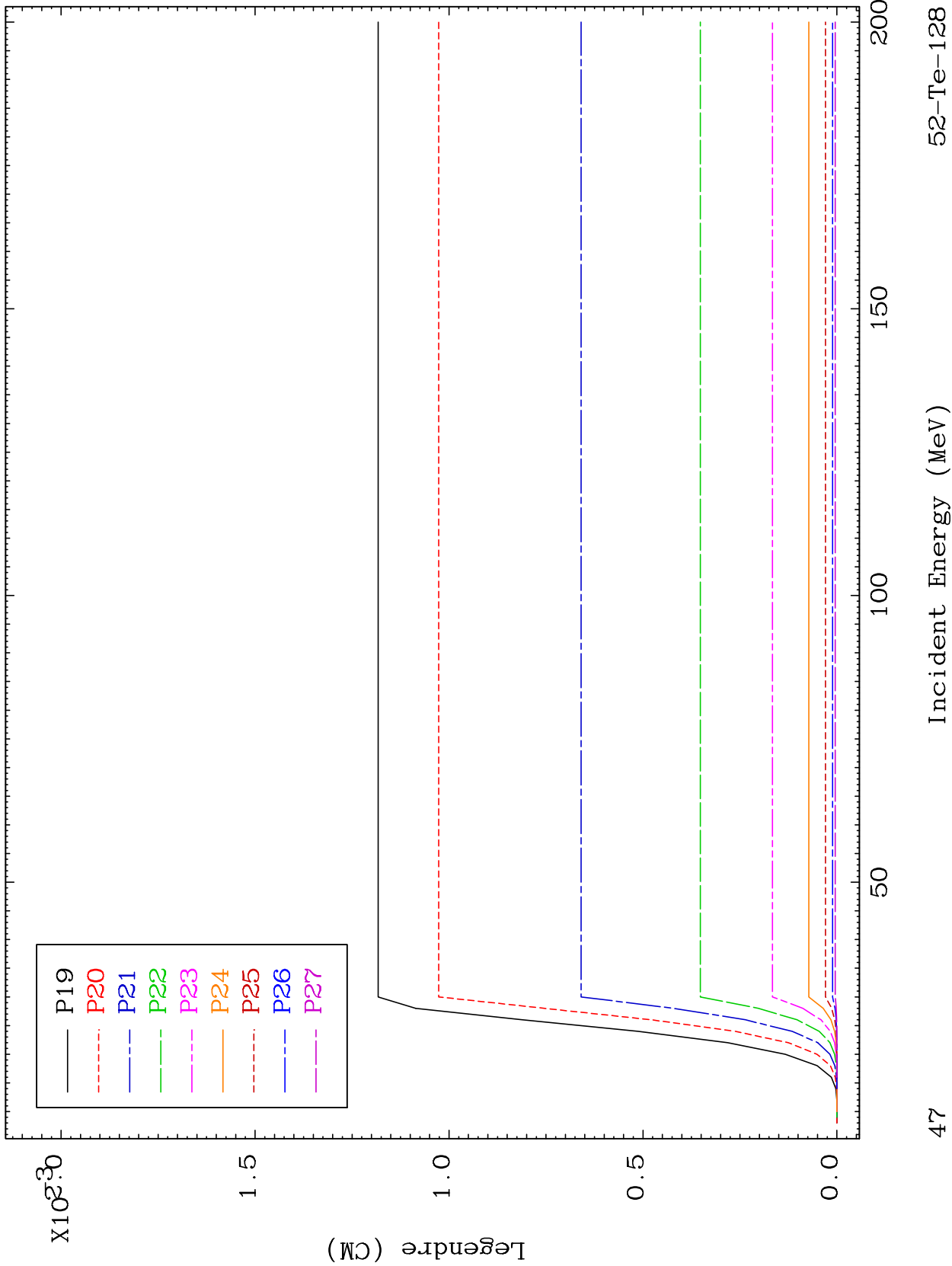


52-Te-128

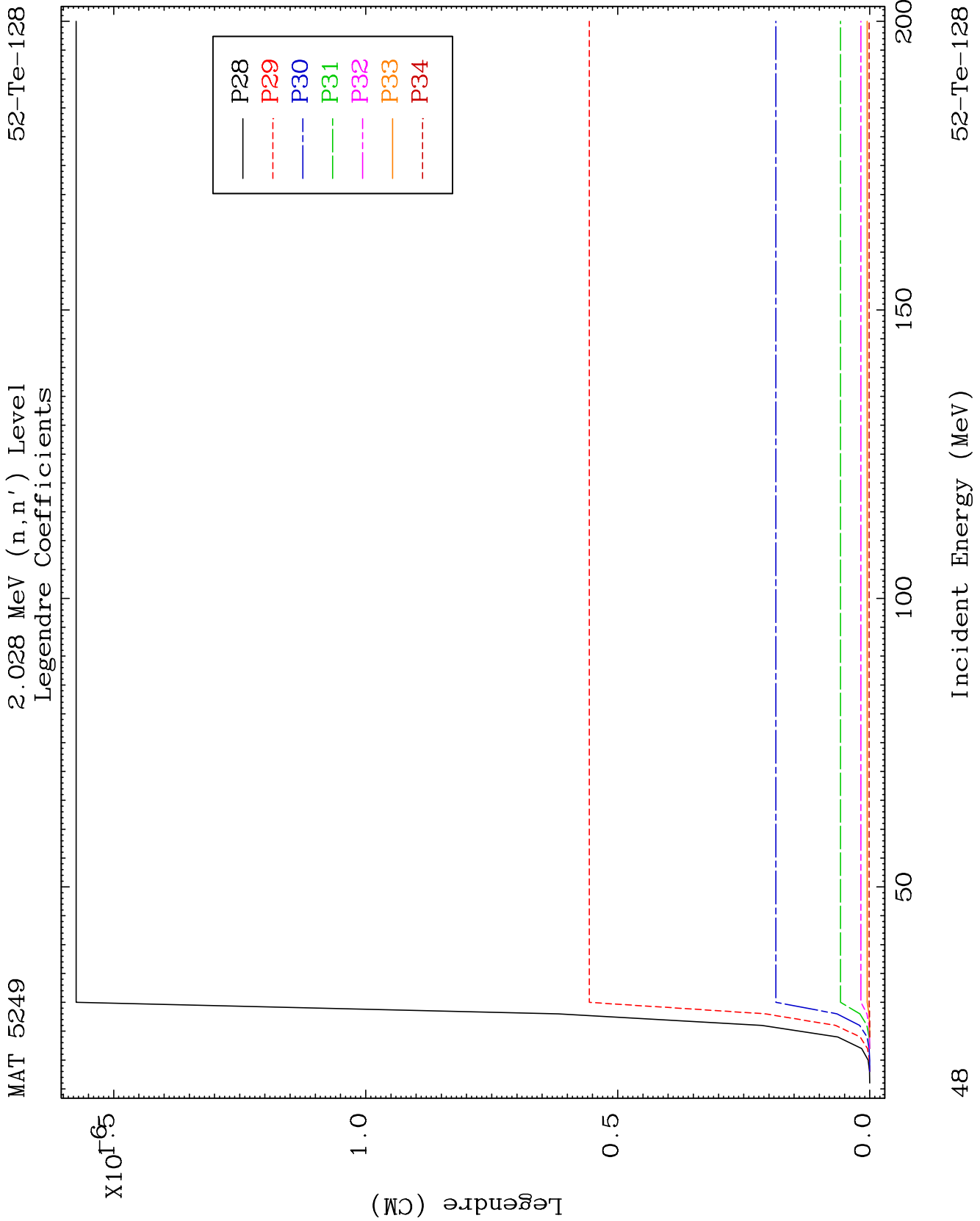
Incident Energy (MeV)

45





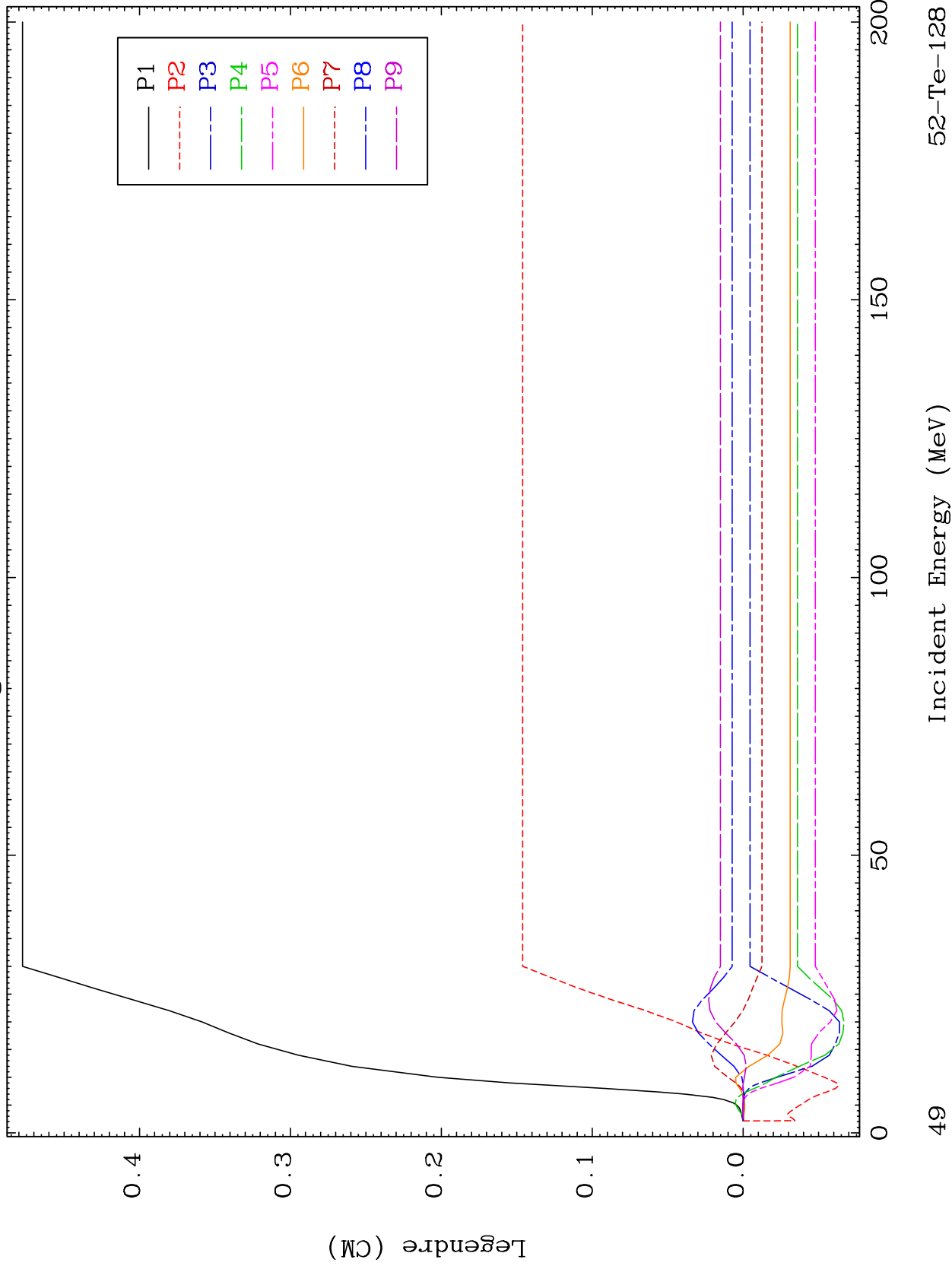




MAT 5249

2.133 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

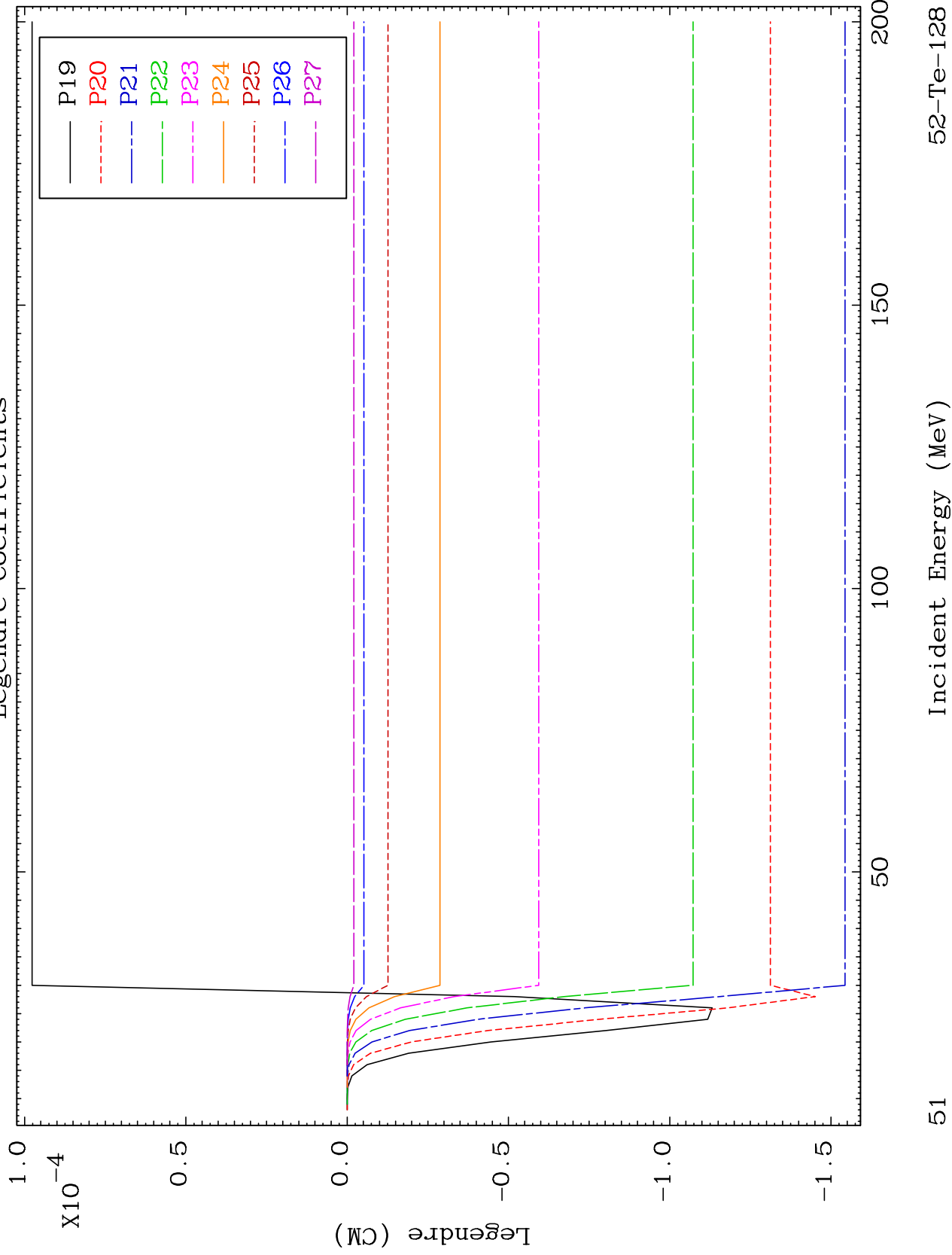


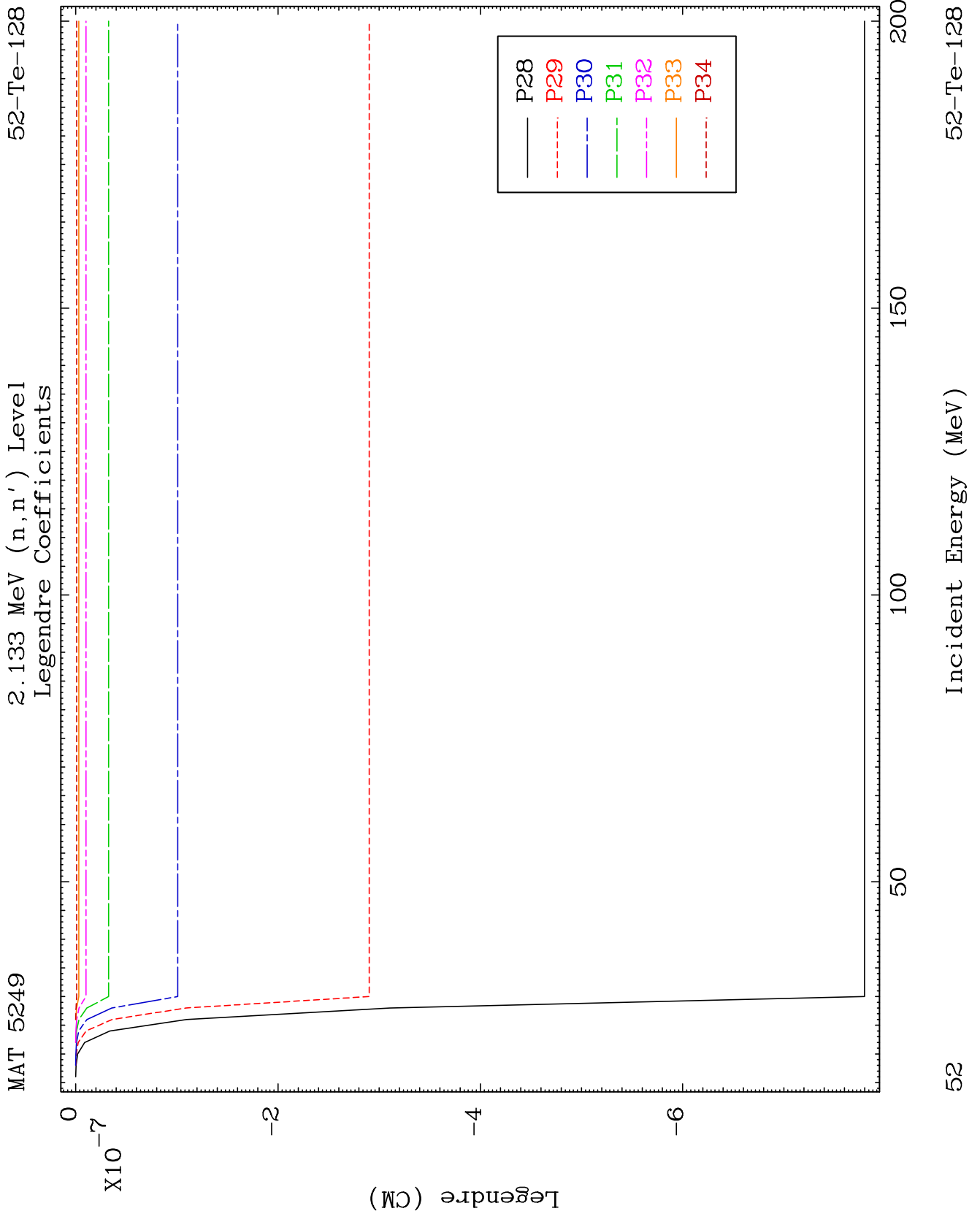
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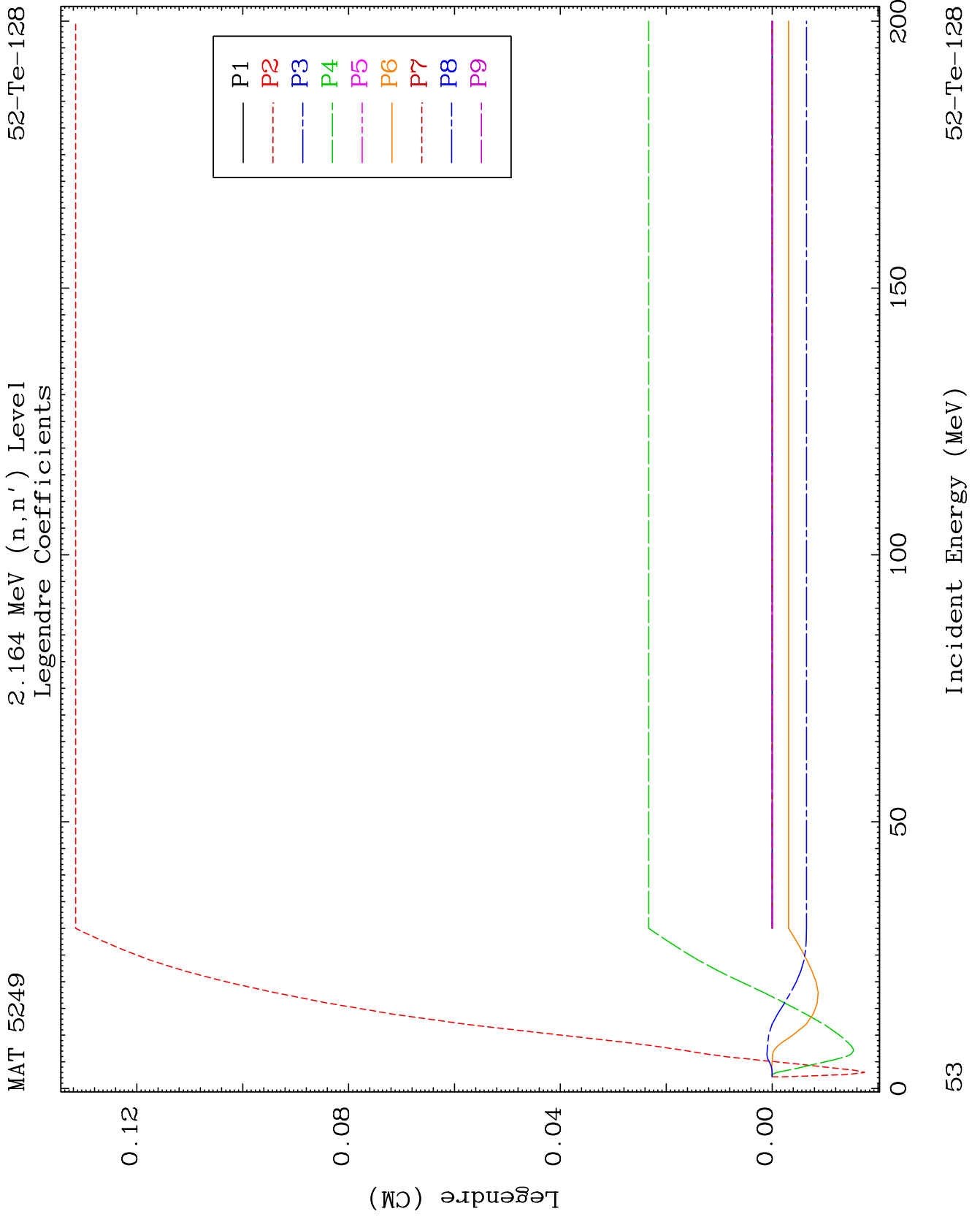
Incident Energy (MeV)

49





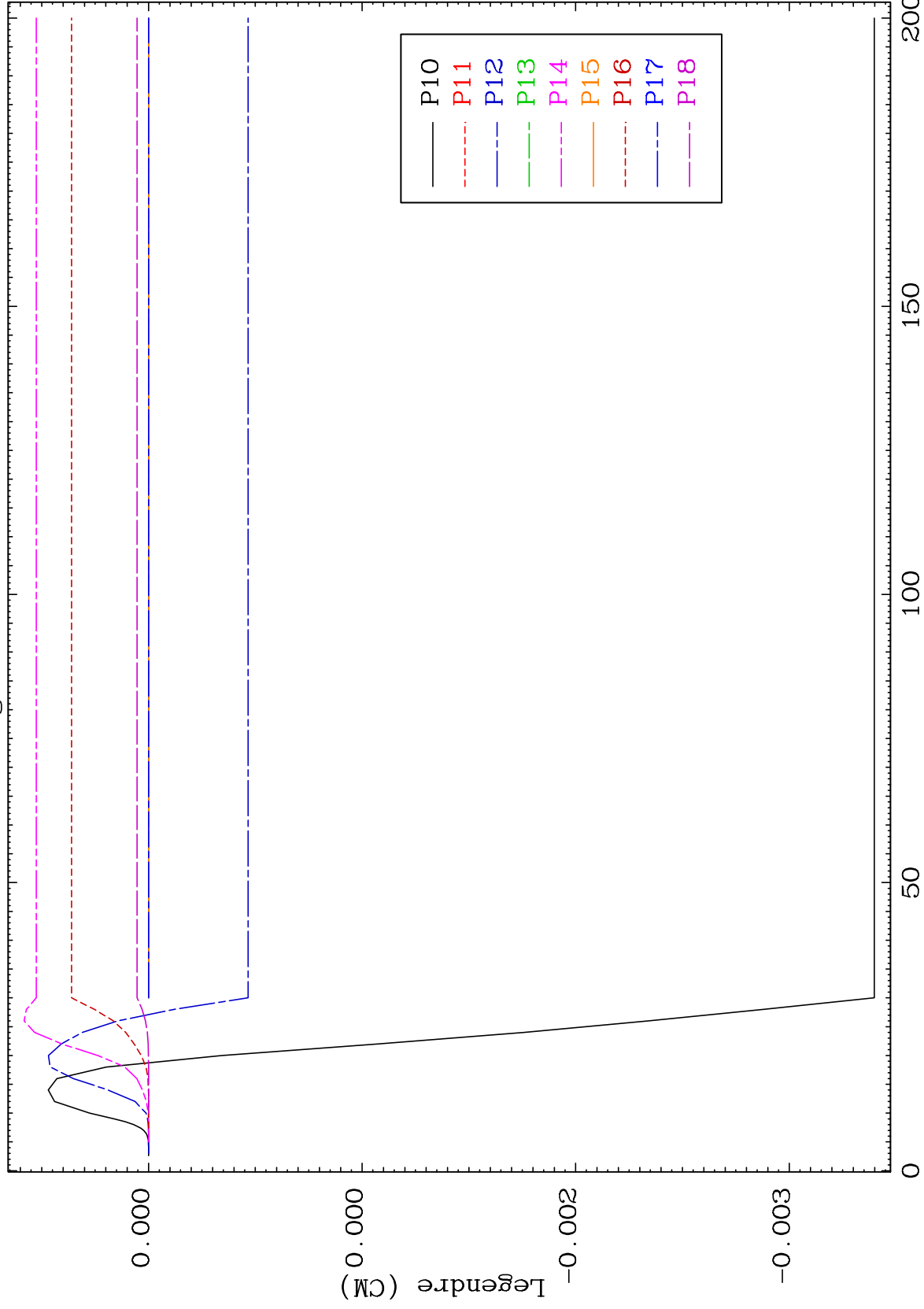




MAT 5249

2.164 MeV (n,n') Level  
Legendre Coefficients

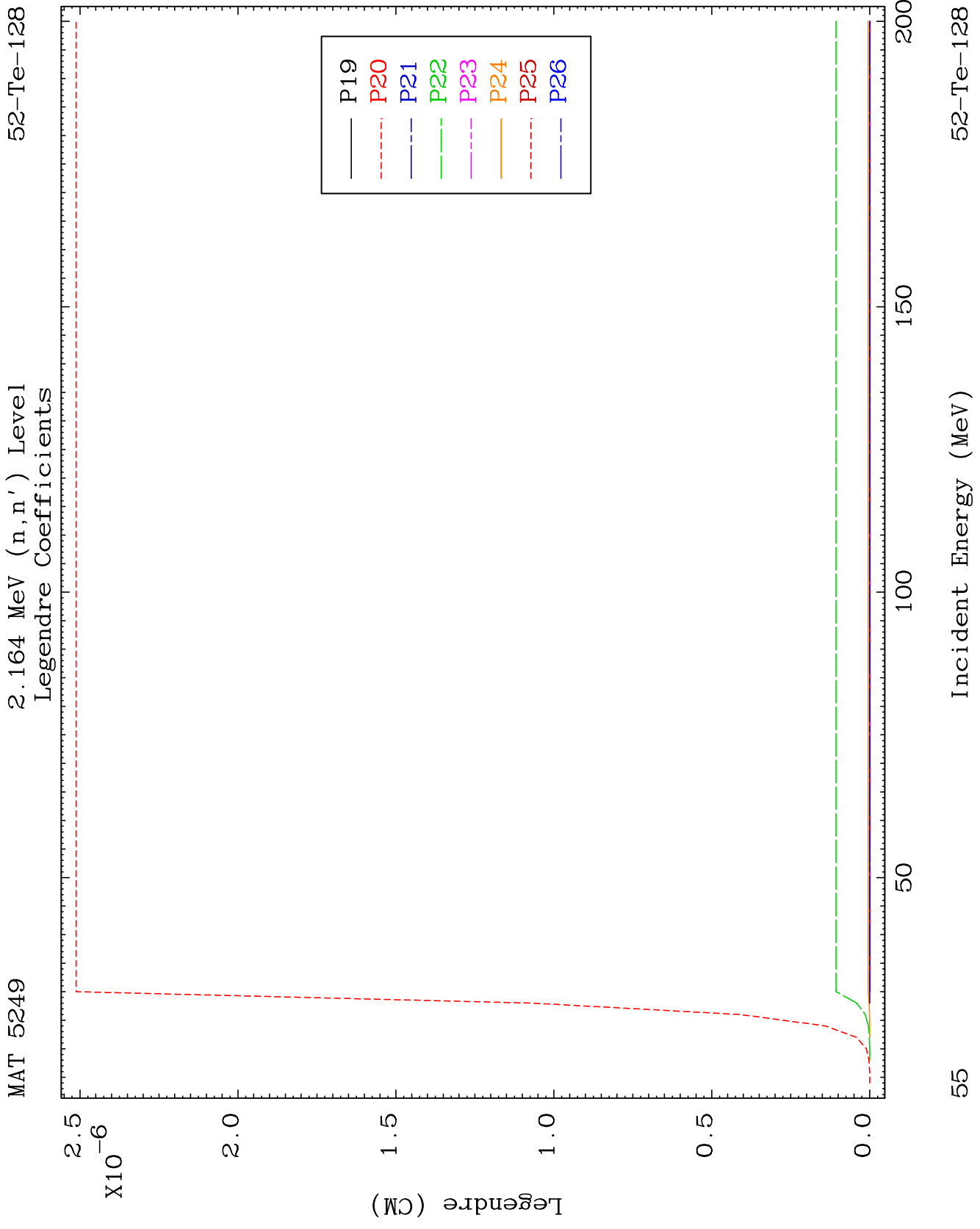
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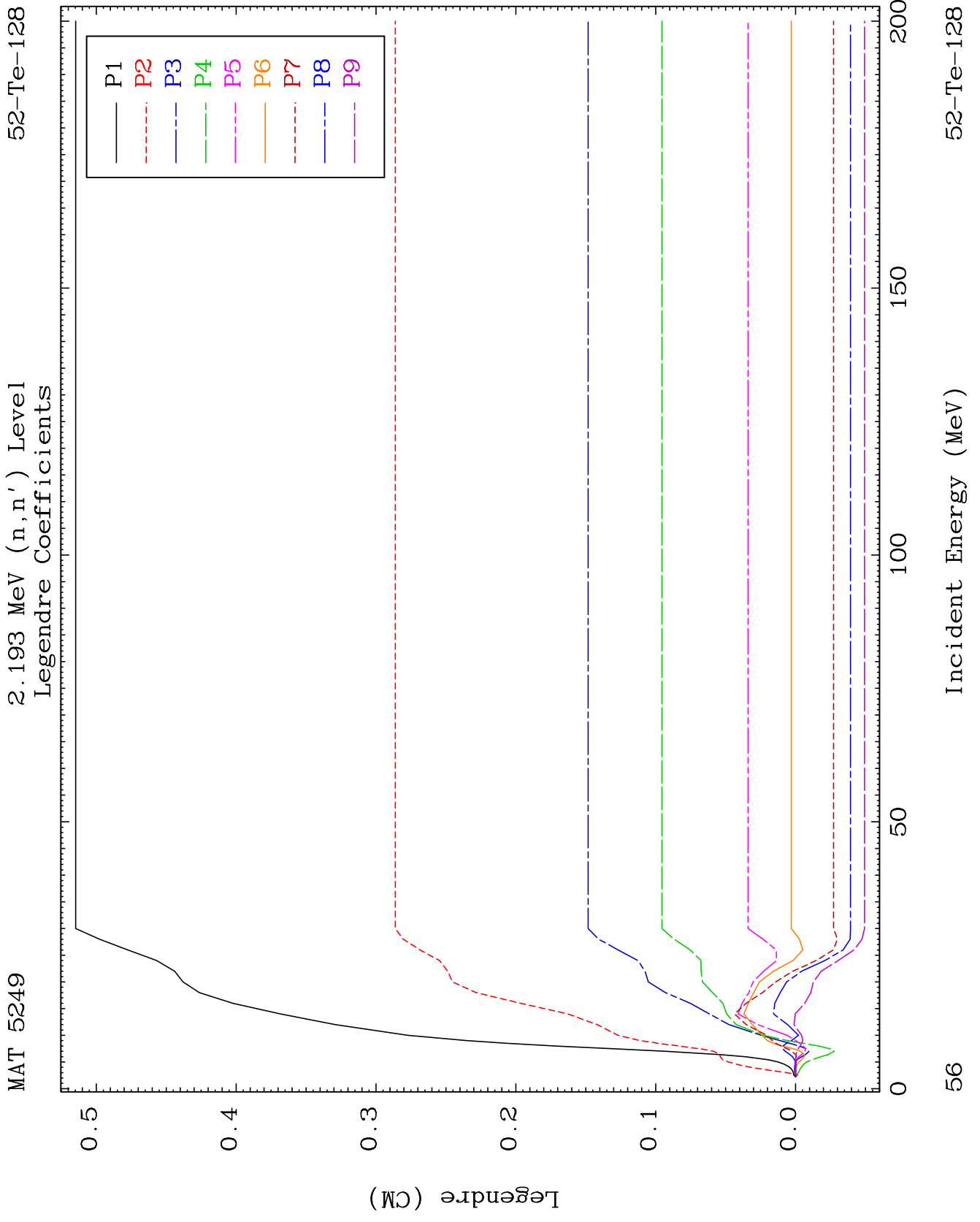
54

Incident Energy (MeV)

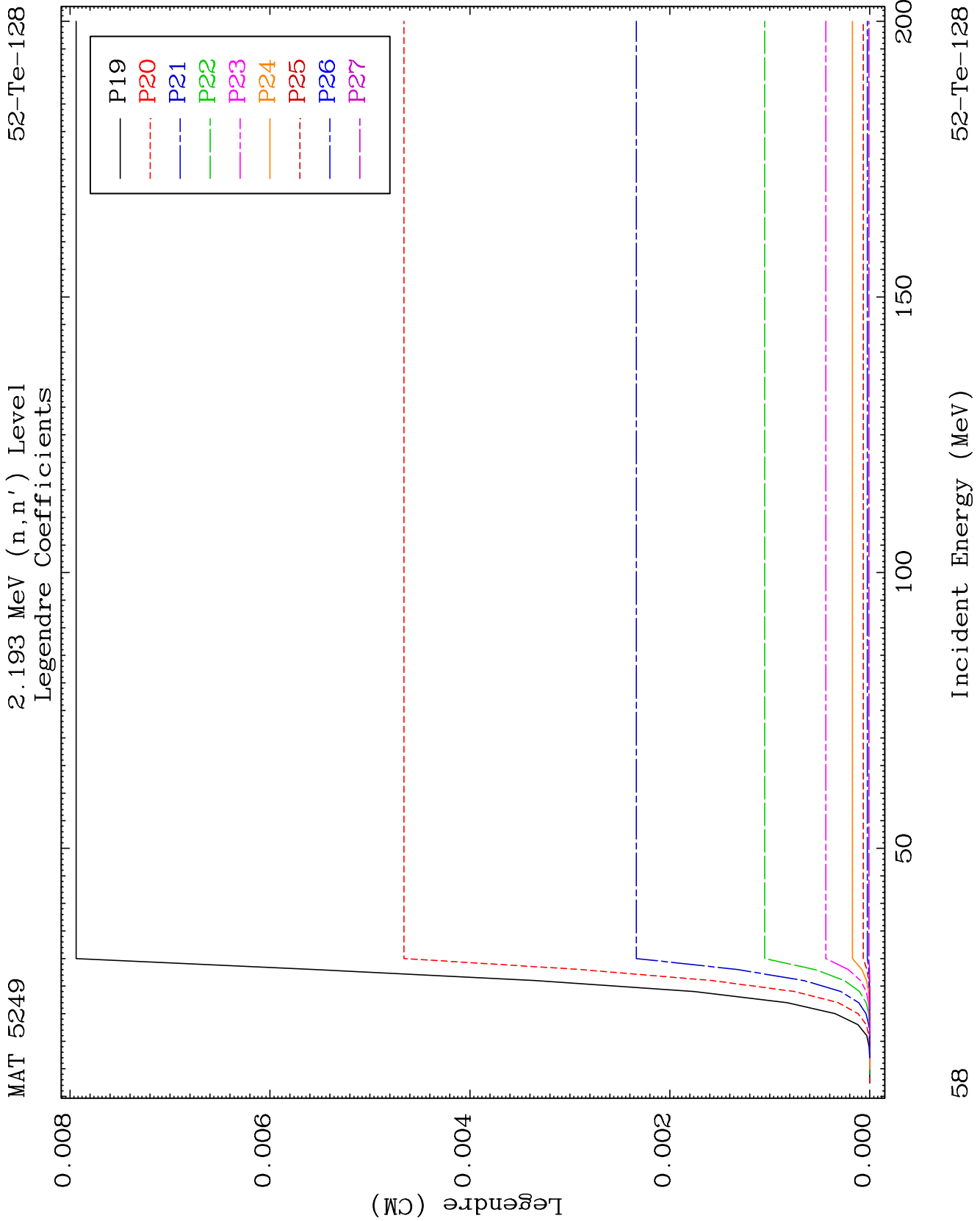
52-Te-128







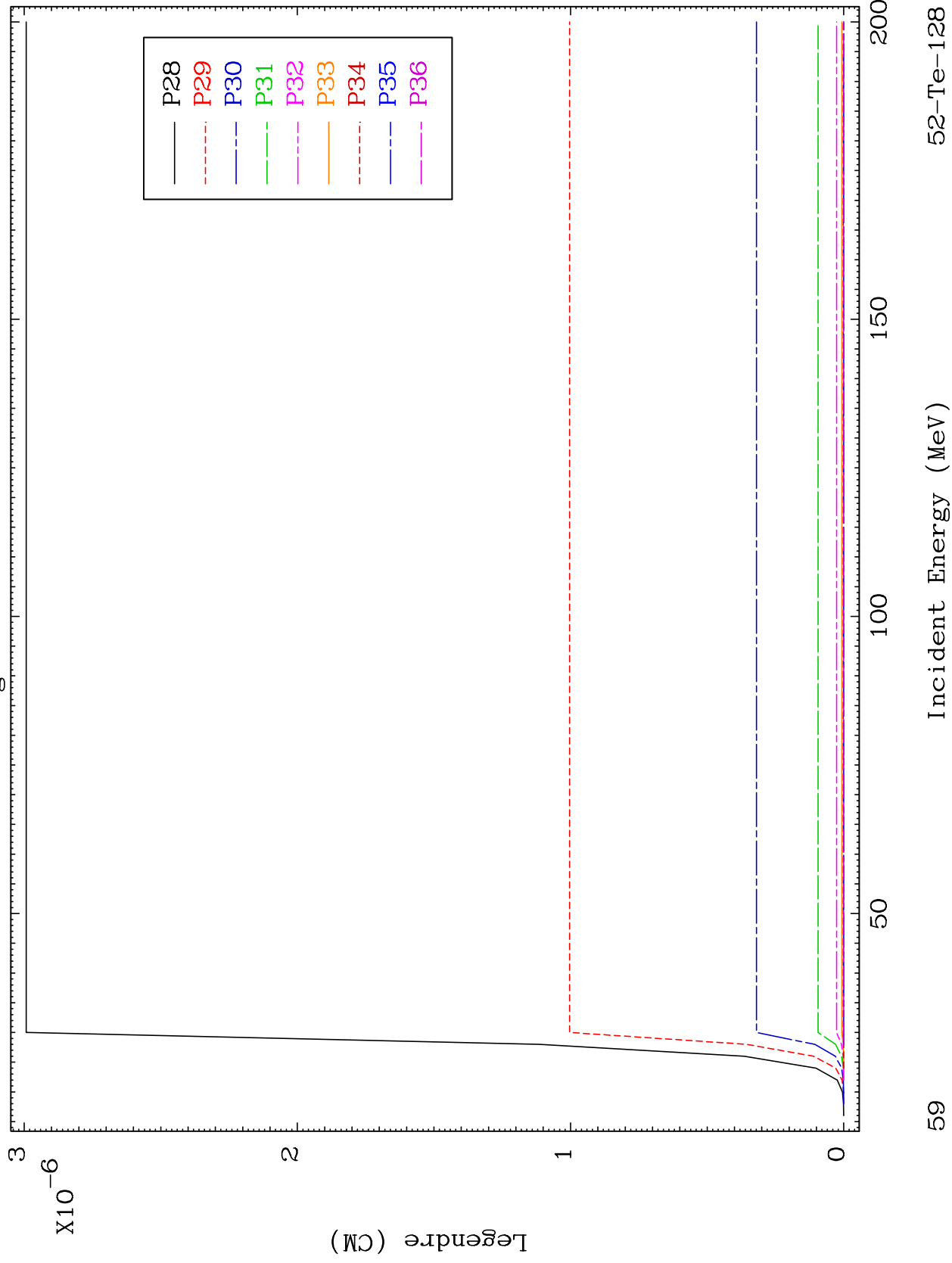




MAT 5249

2.193 MeV (n,n') Level  
Legendre Coefficients

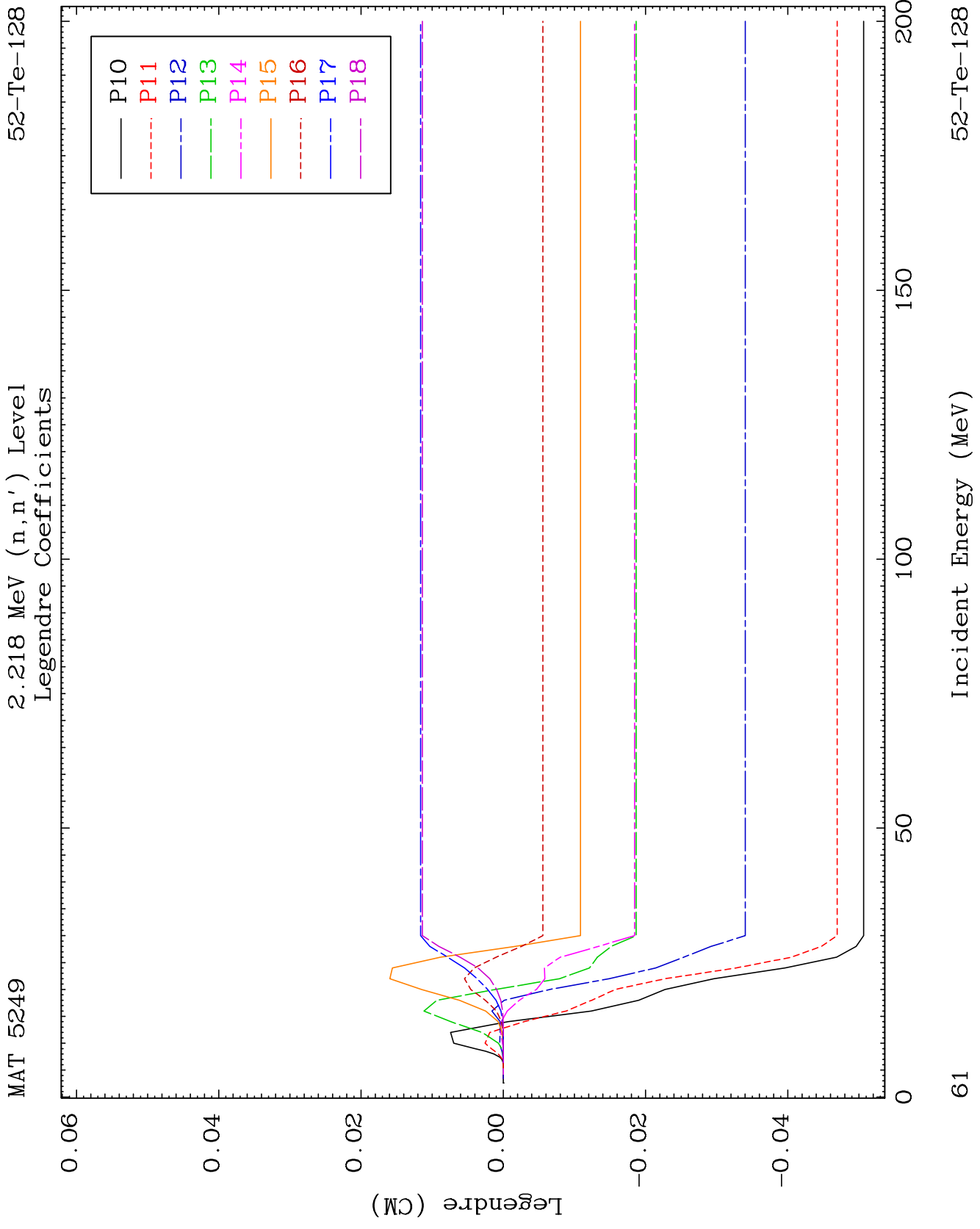
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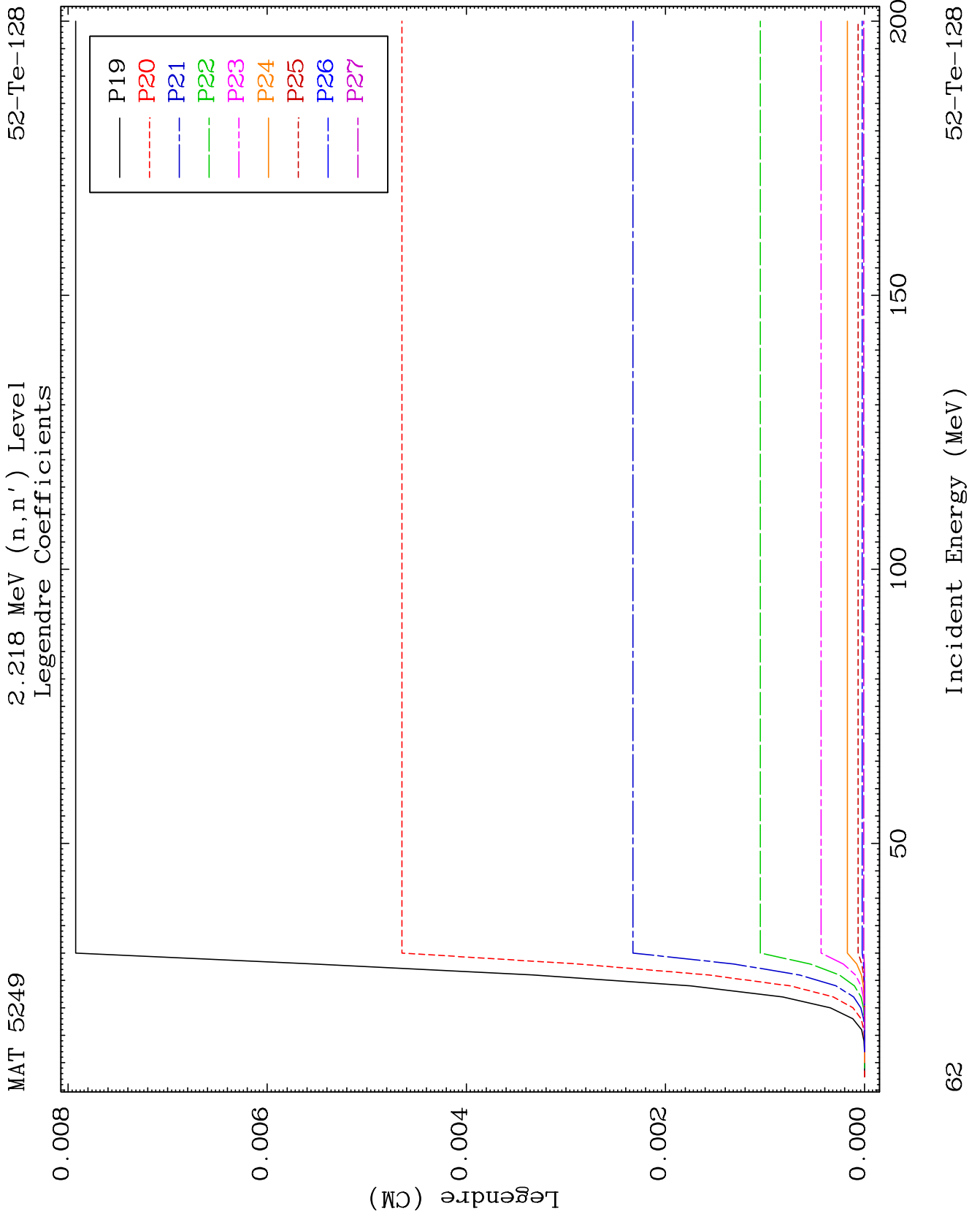


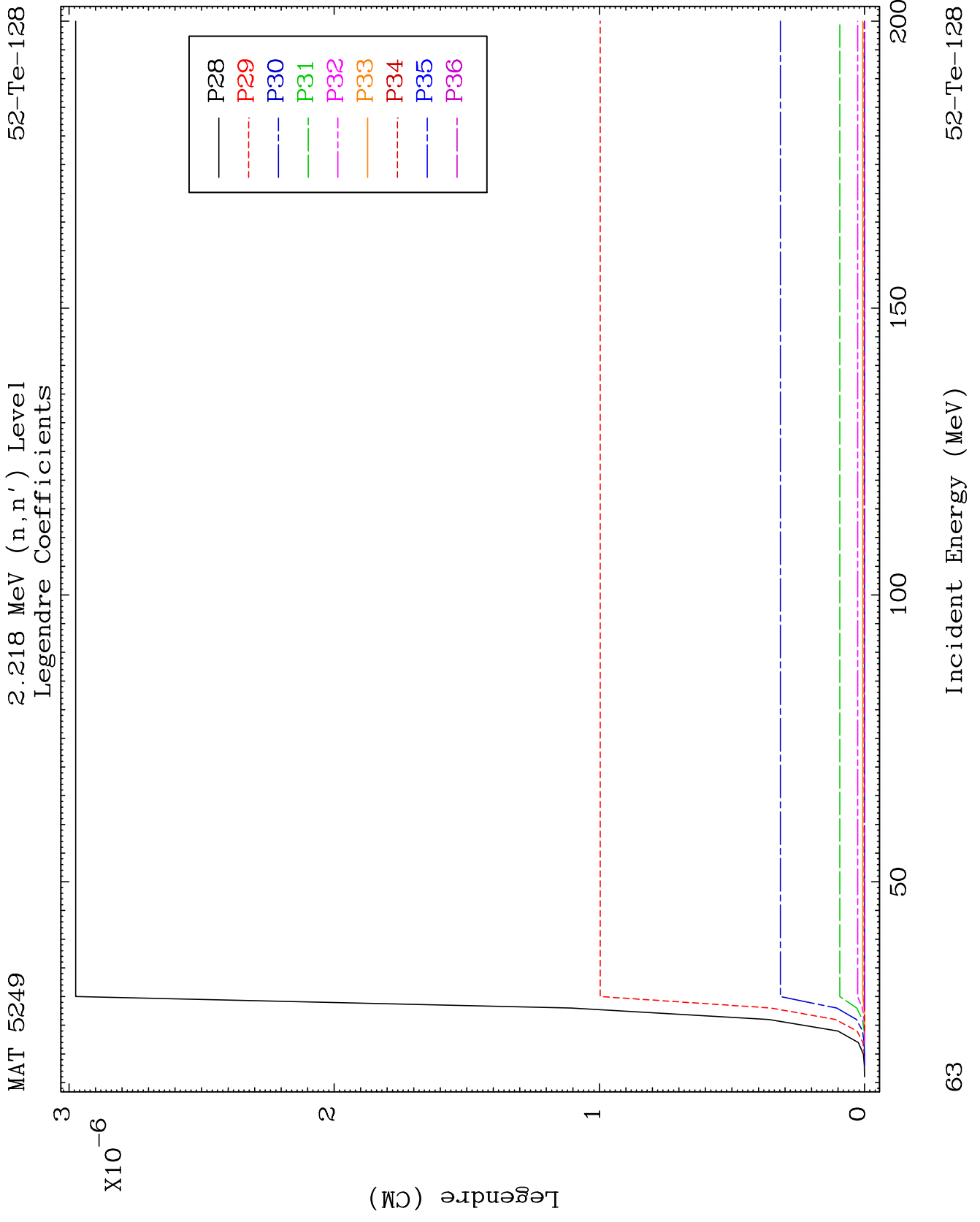
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52-Te-128

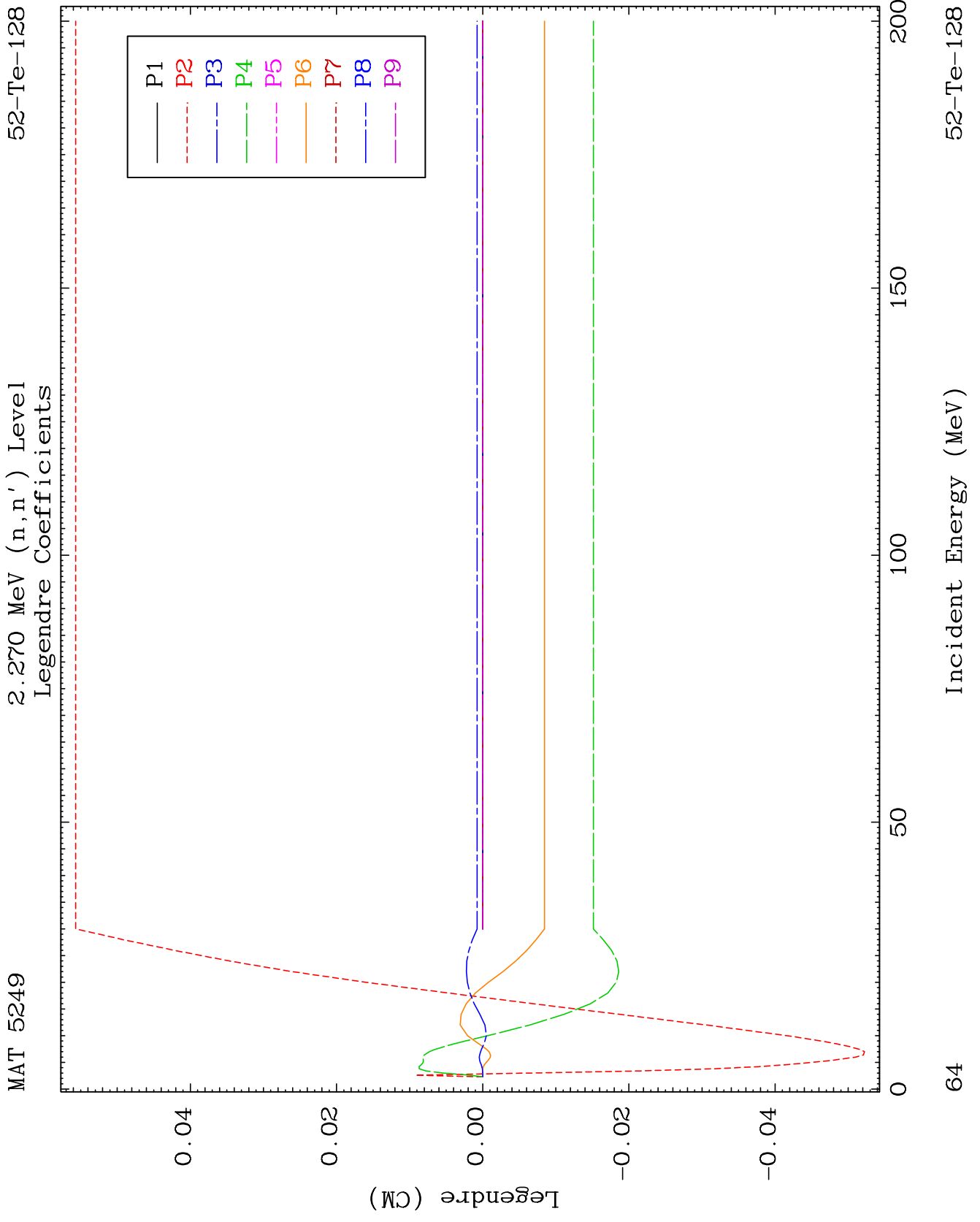








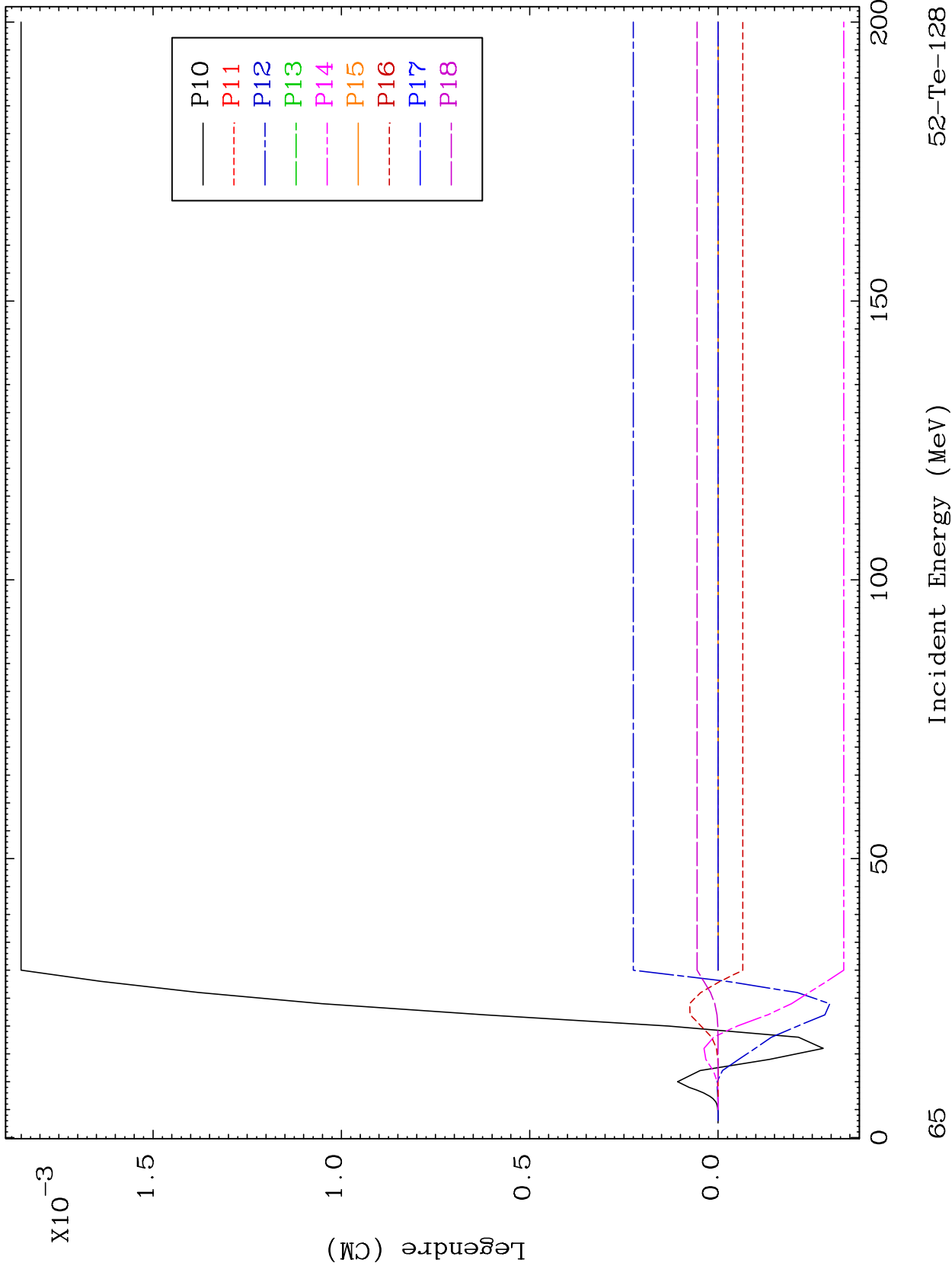




MAT 5249

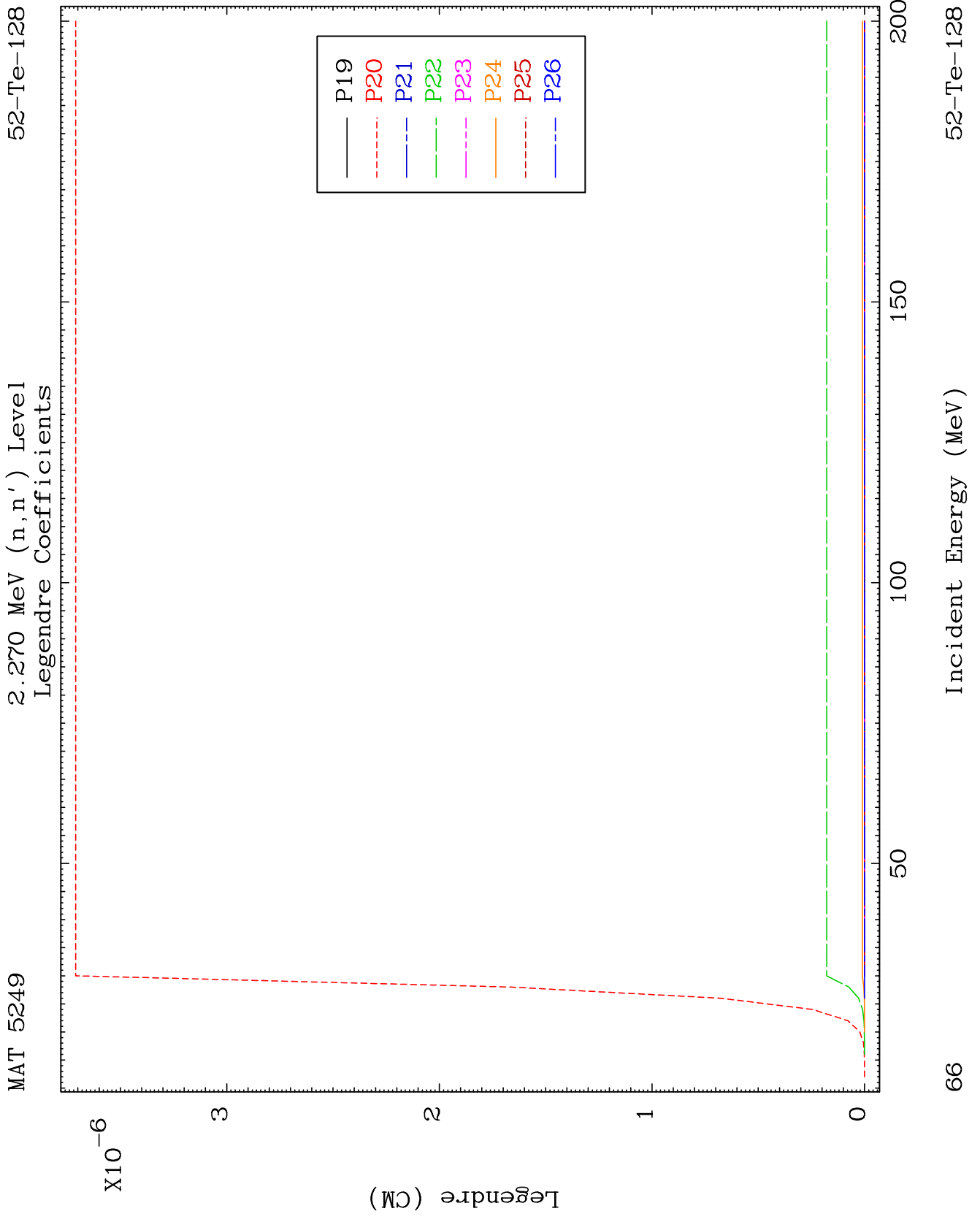
2.270 MeV (n, n') Level  
Legendre Coefficients

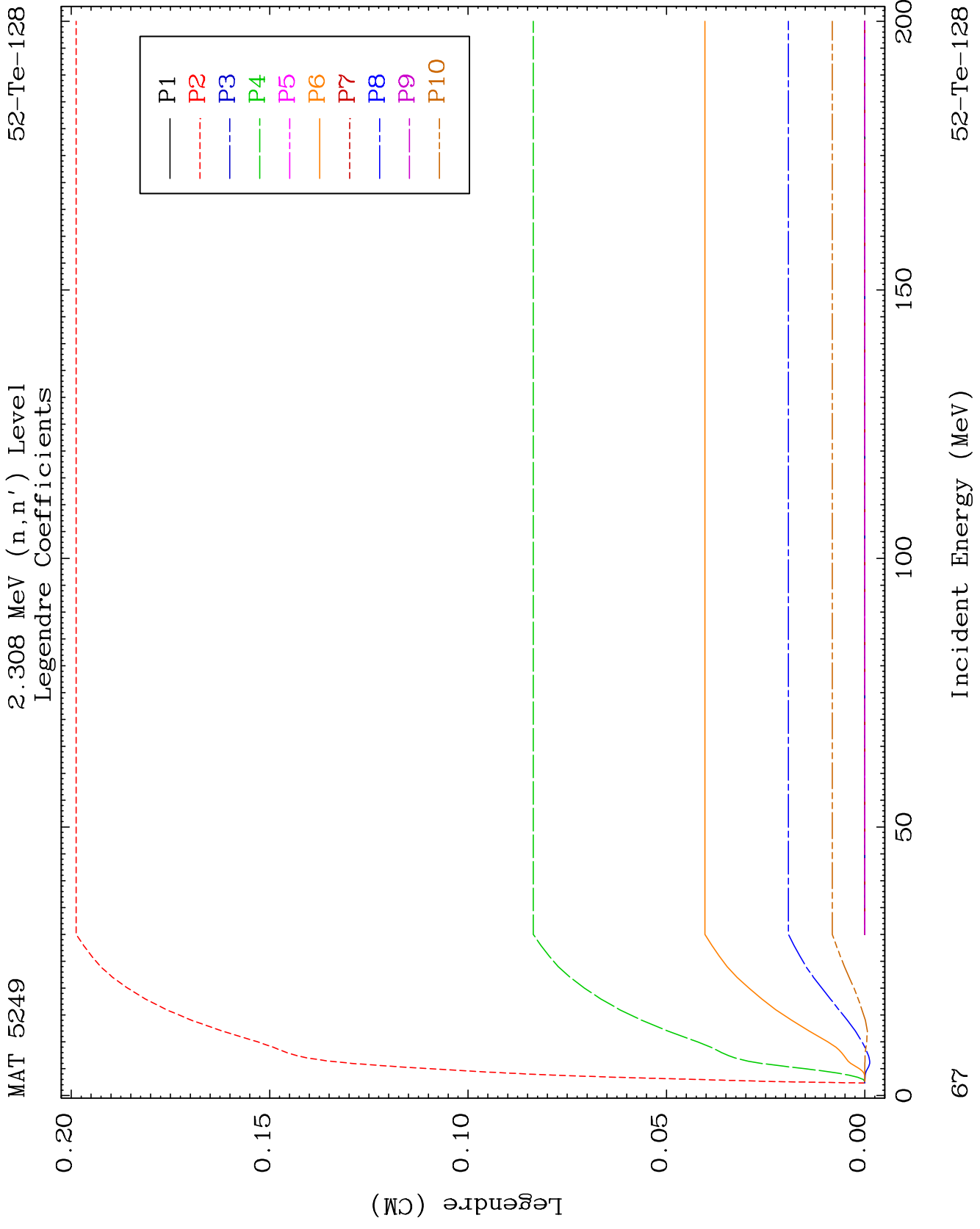
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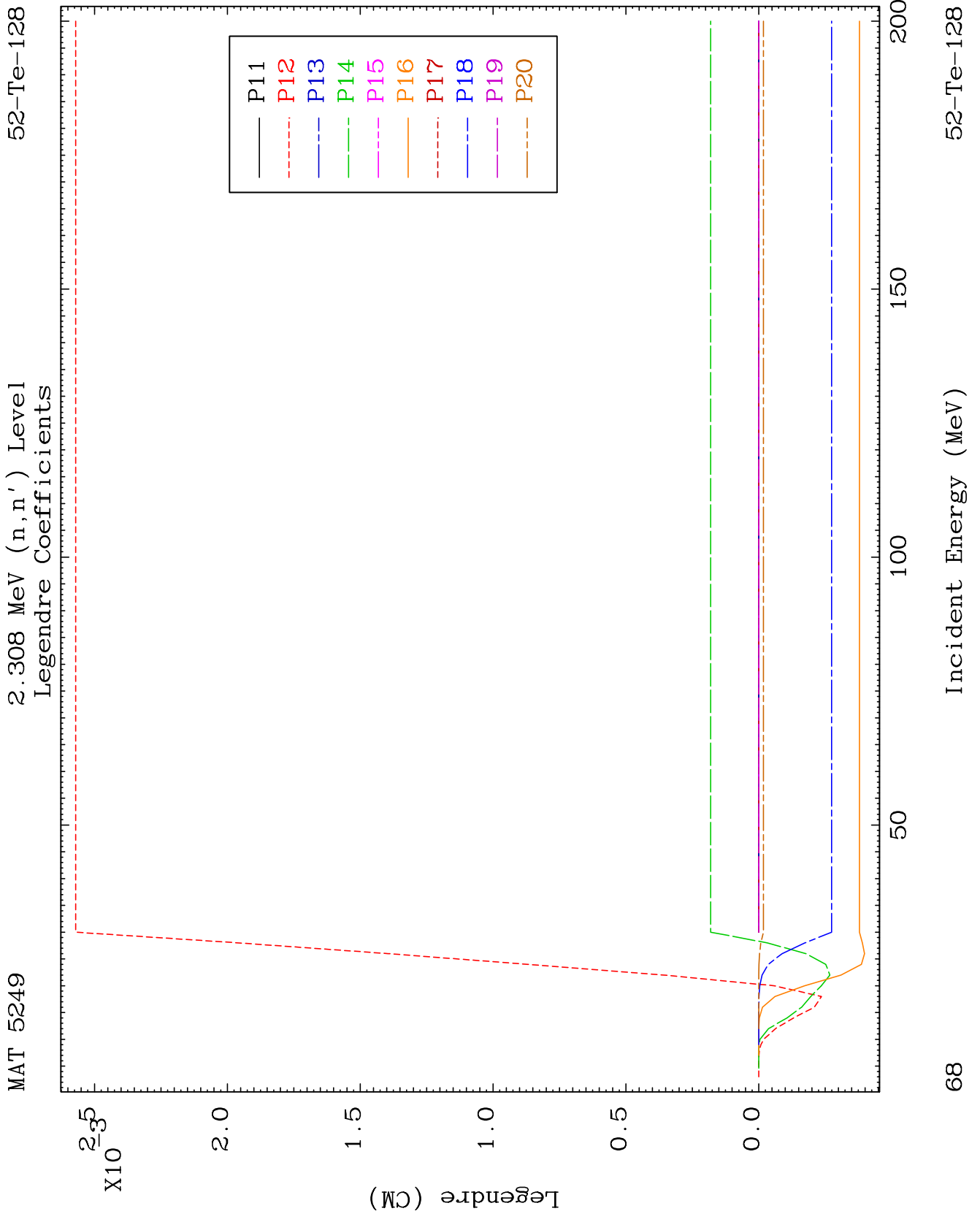


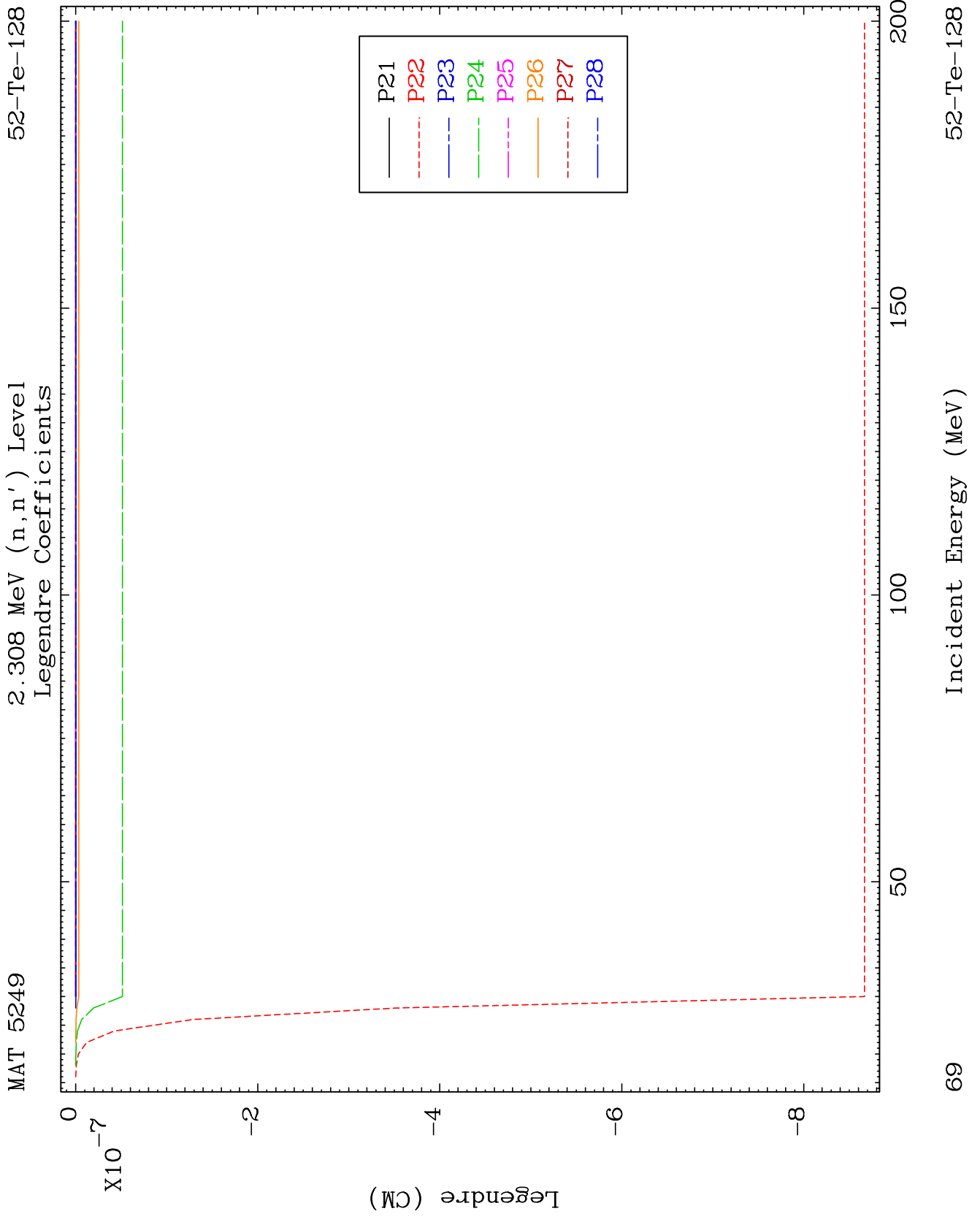
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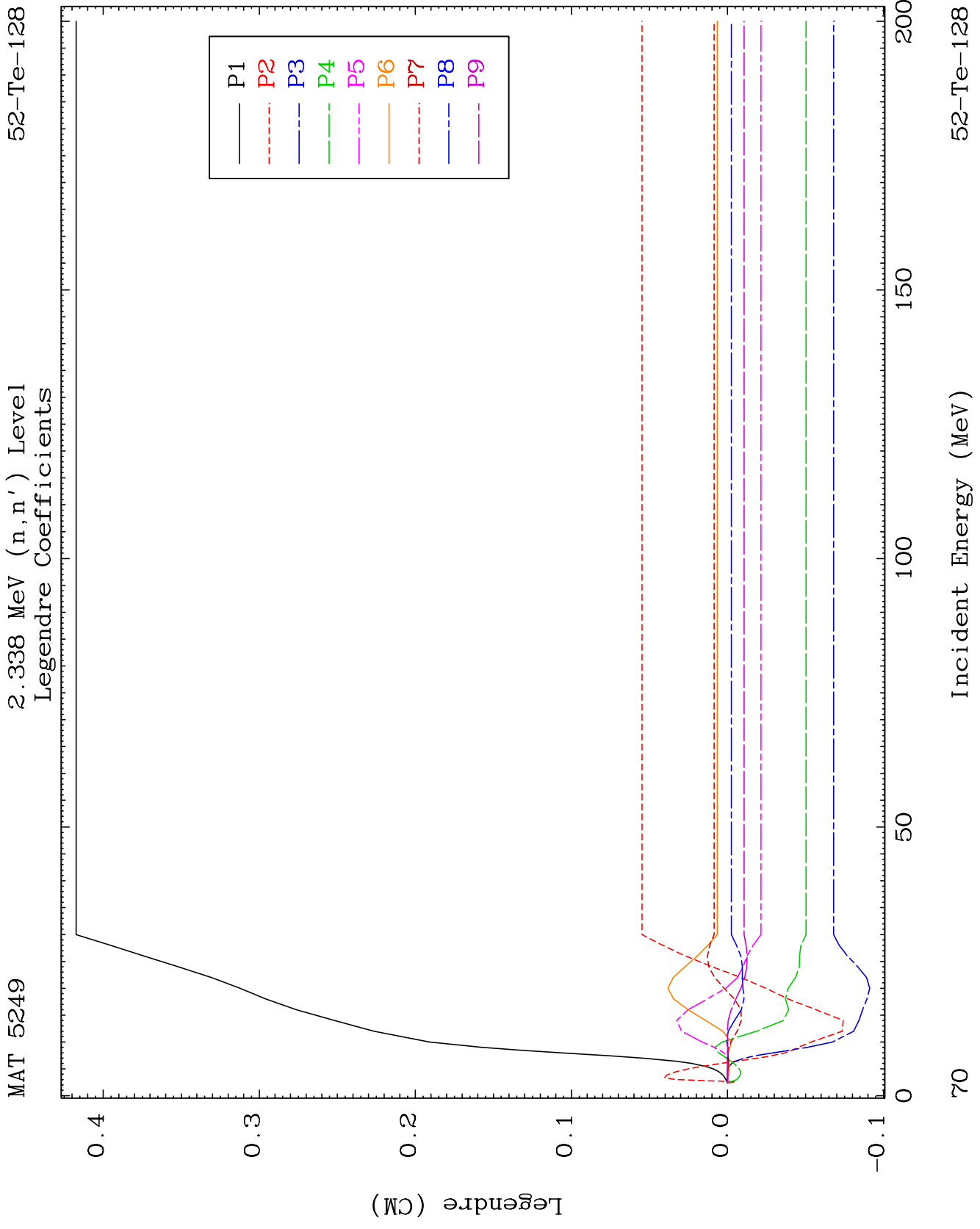
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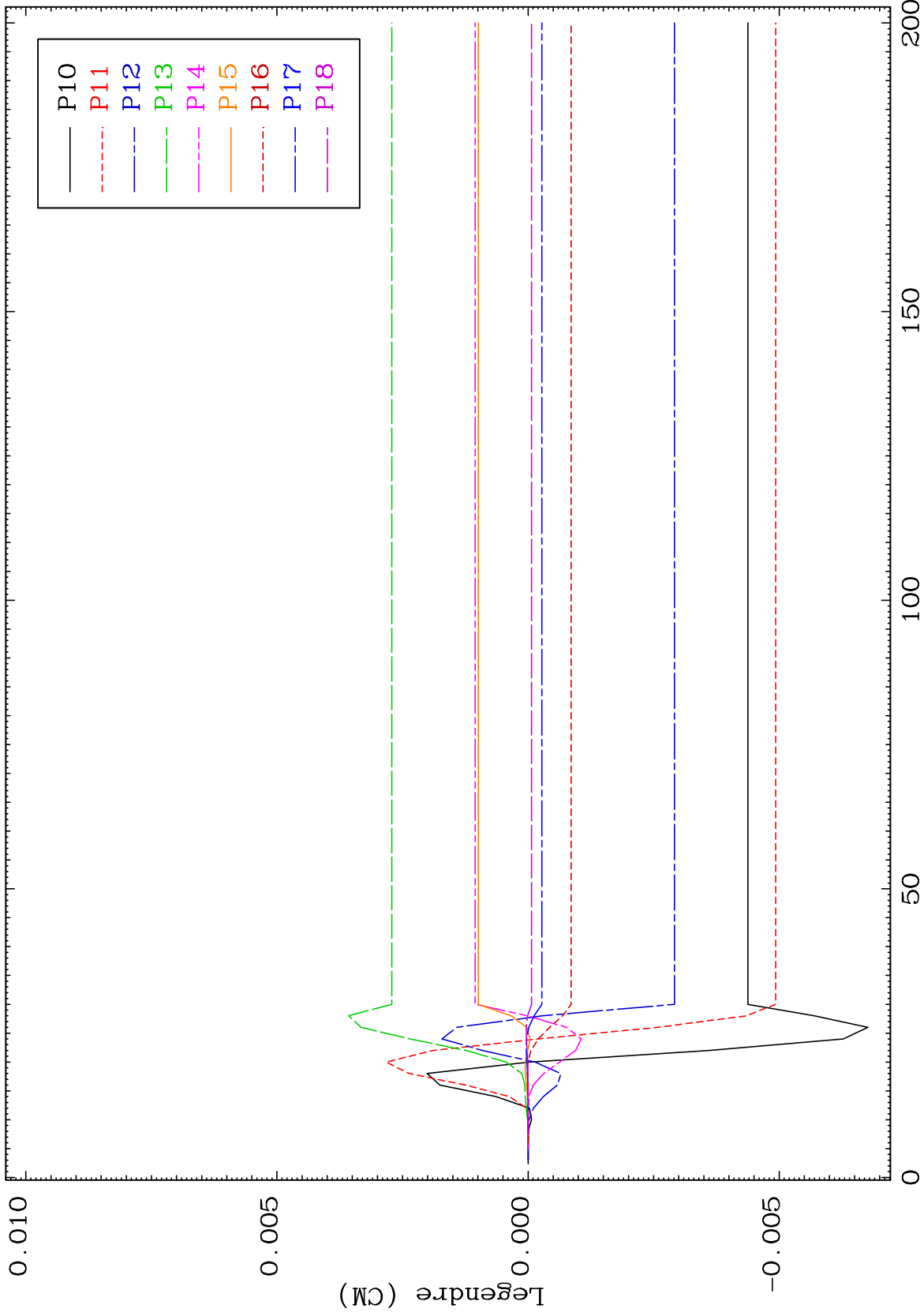




MAT 5249

2.338 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

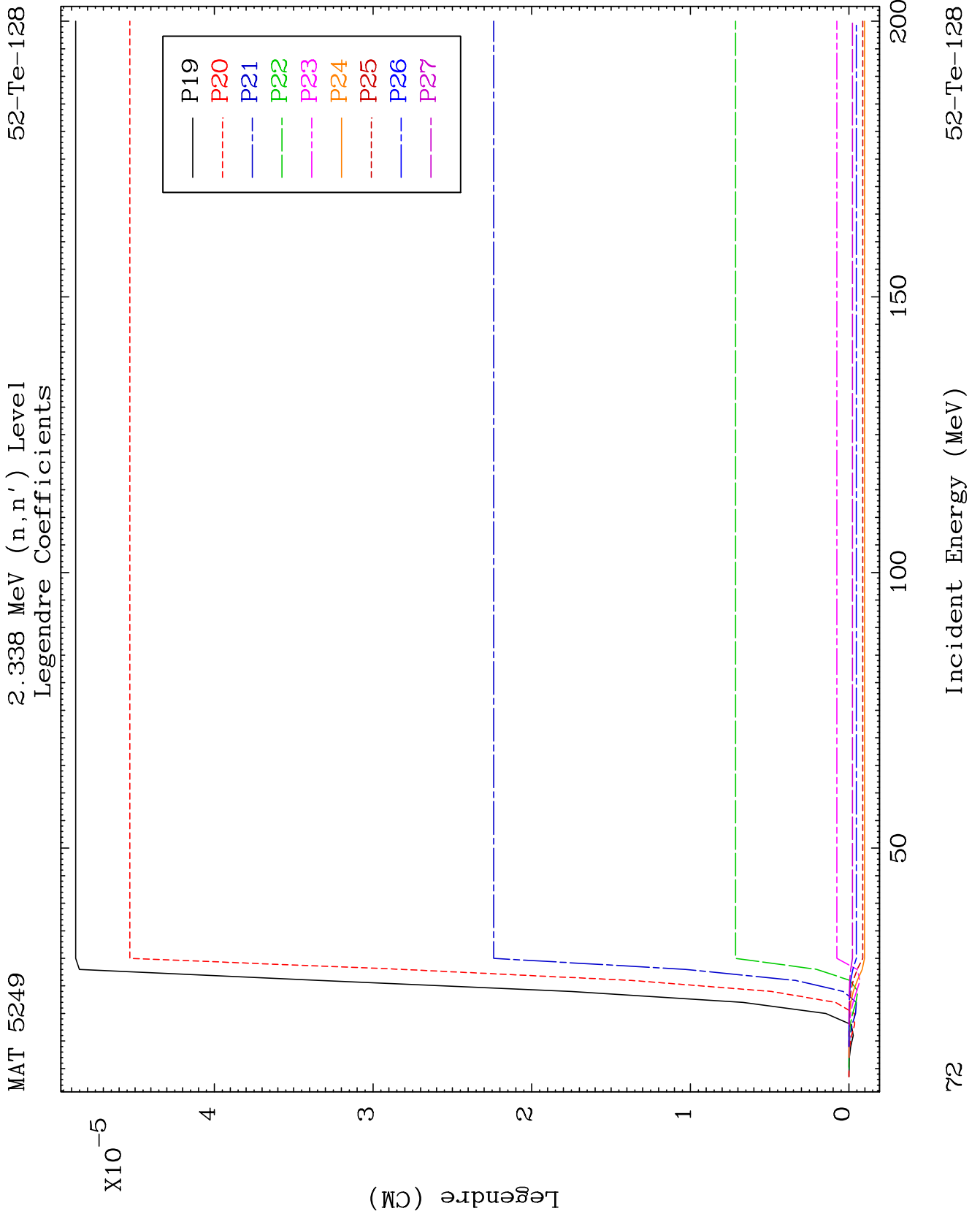


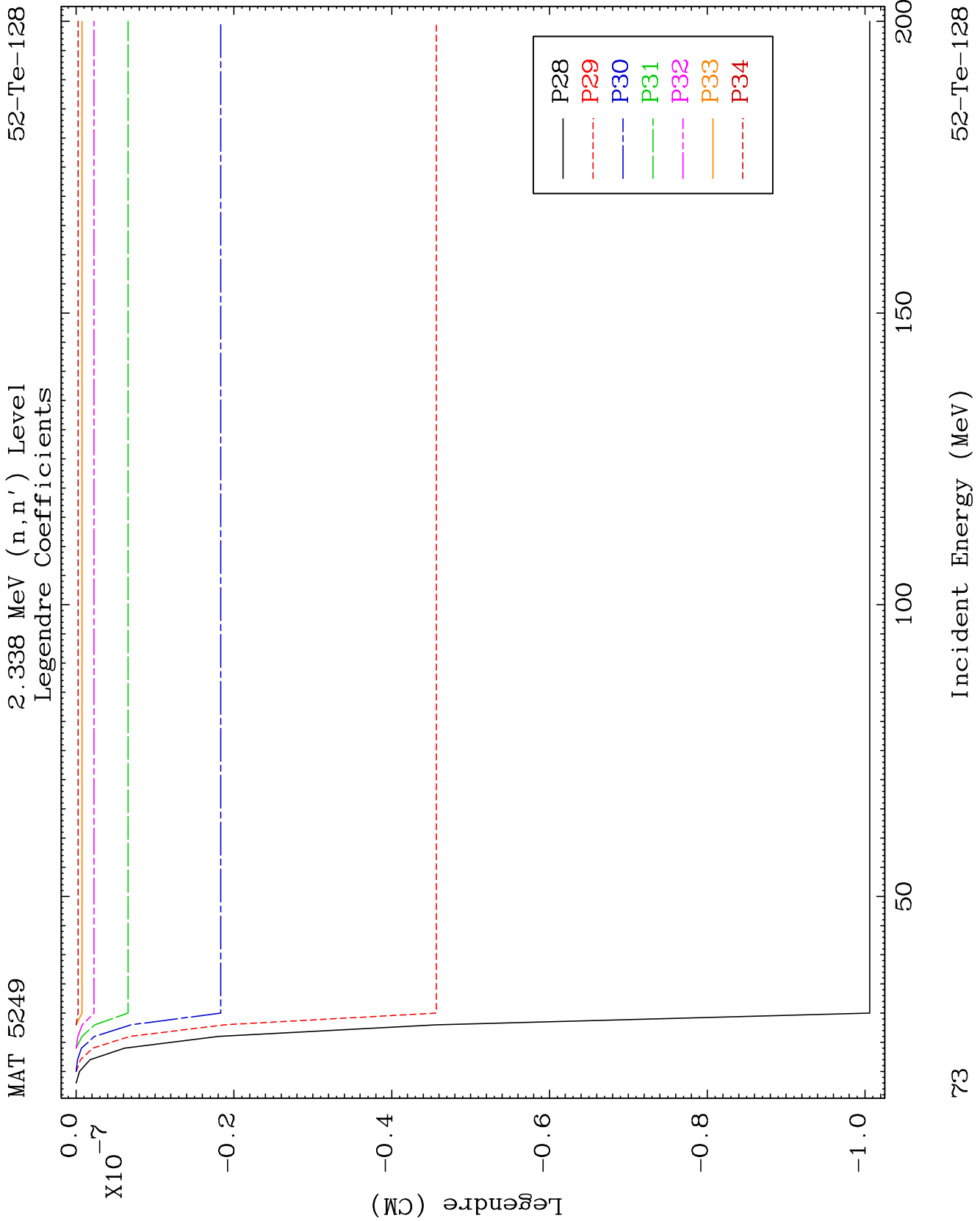
71

Incident Energy (MeV)

52-Te-128



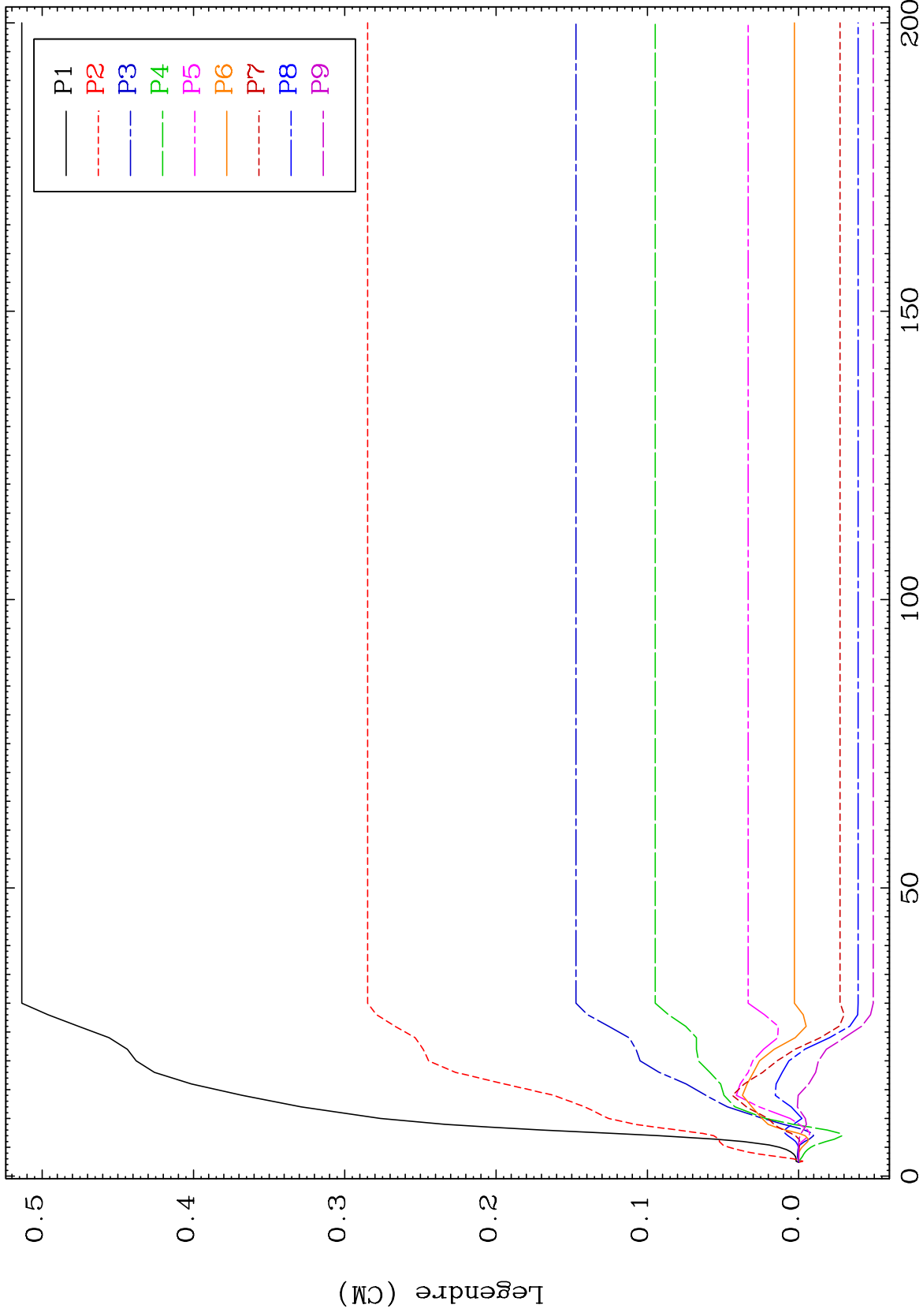




MAT 5249

2.352 MeV (n, n') Level  
Legendre Coefficients

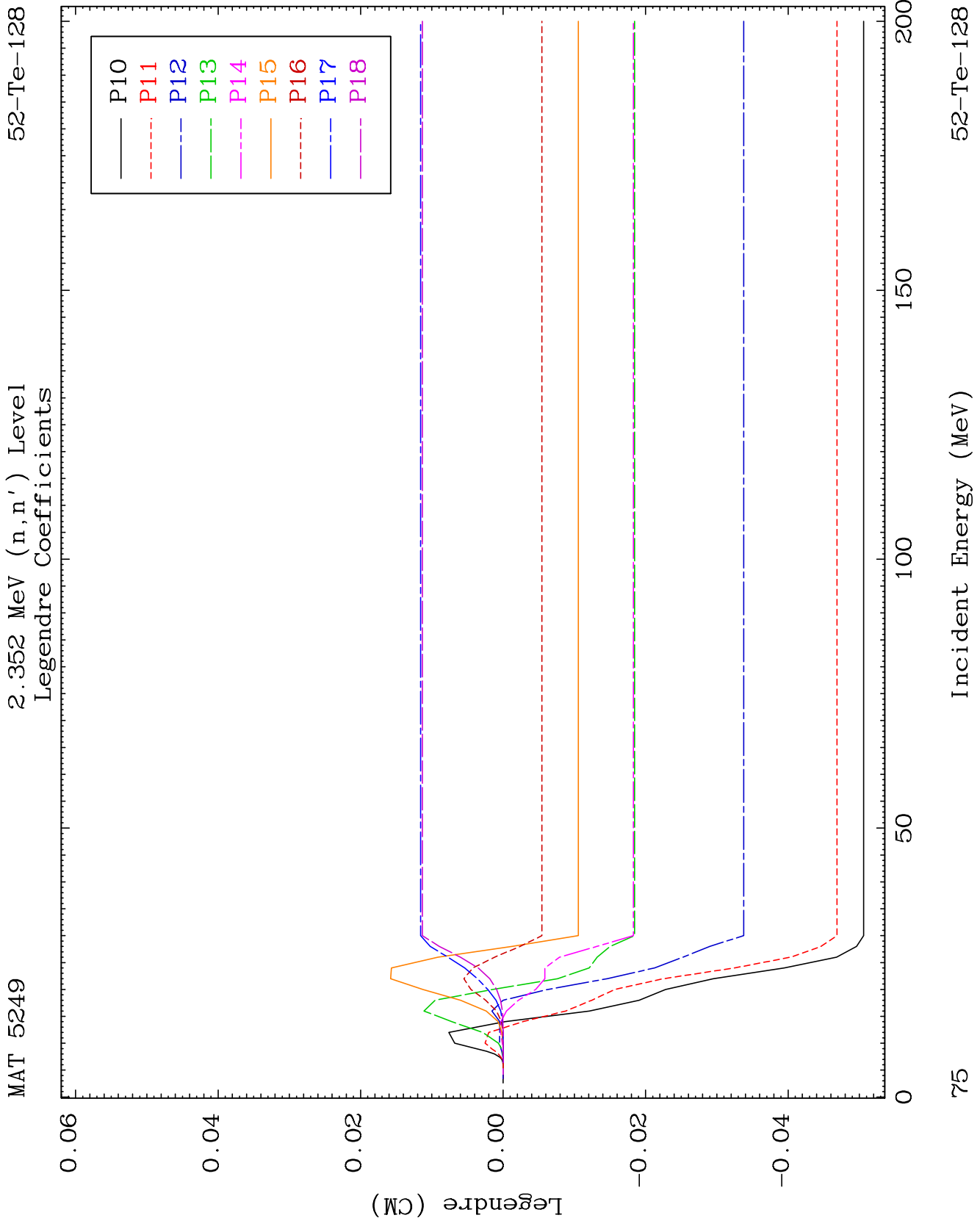
52-Te-128

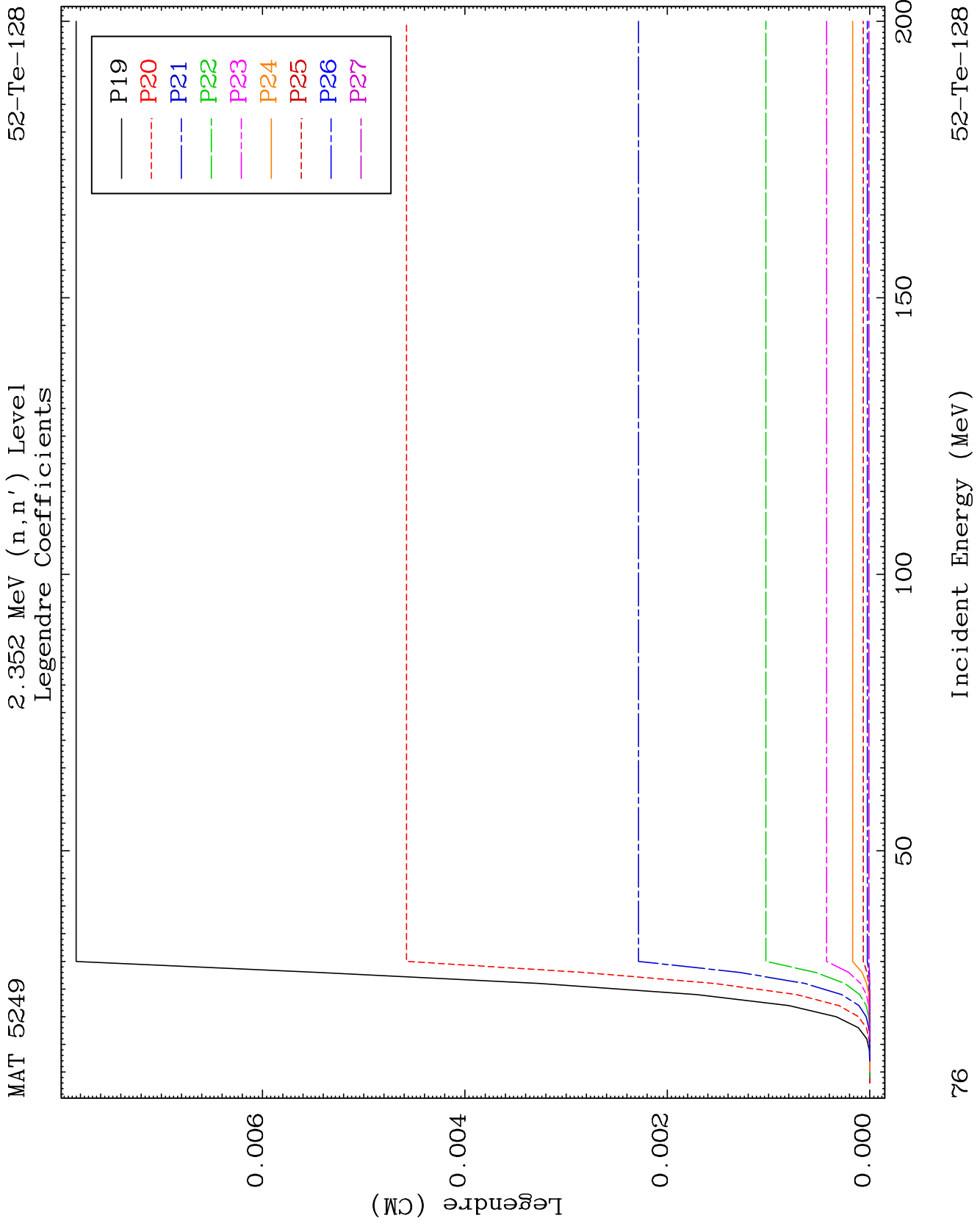


74

Incident Energy (MeV)

52-Te-128

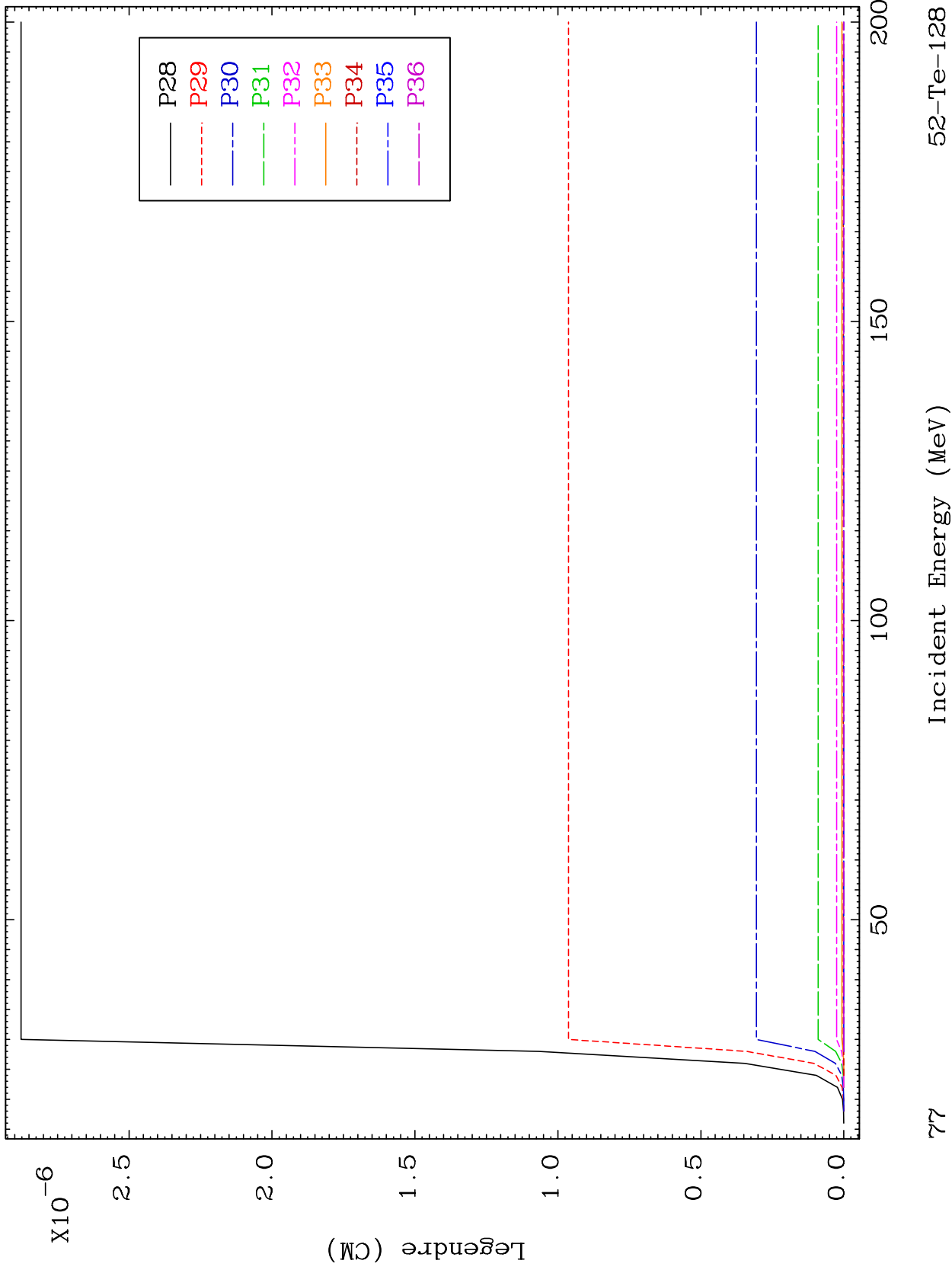


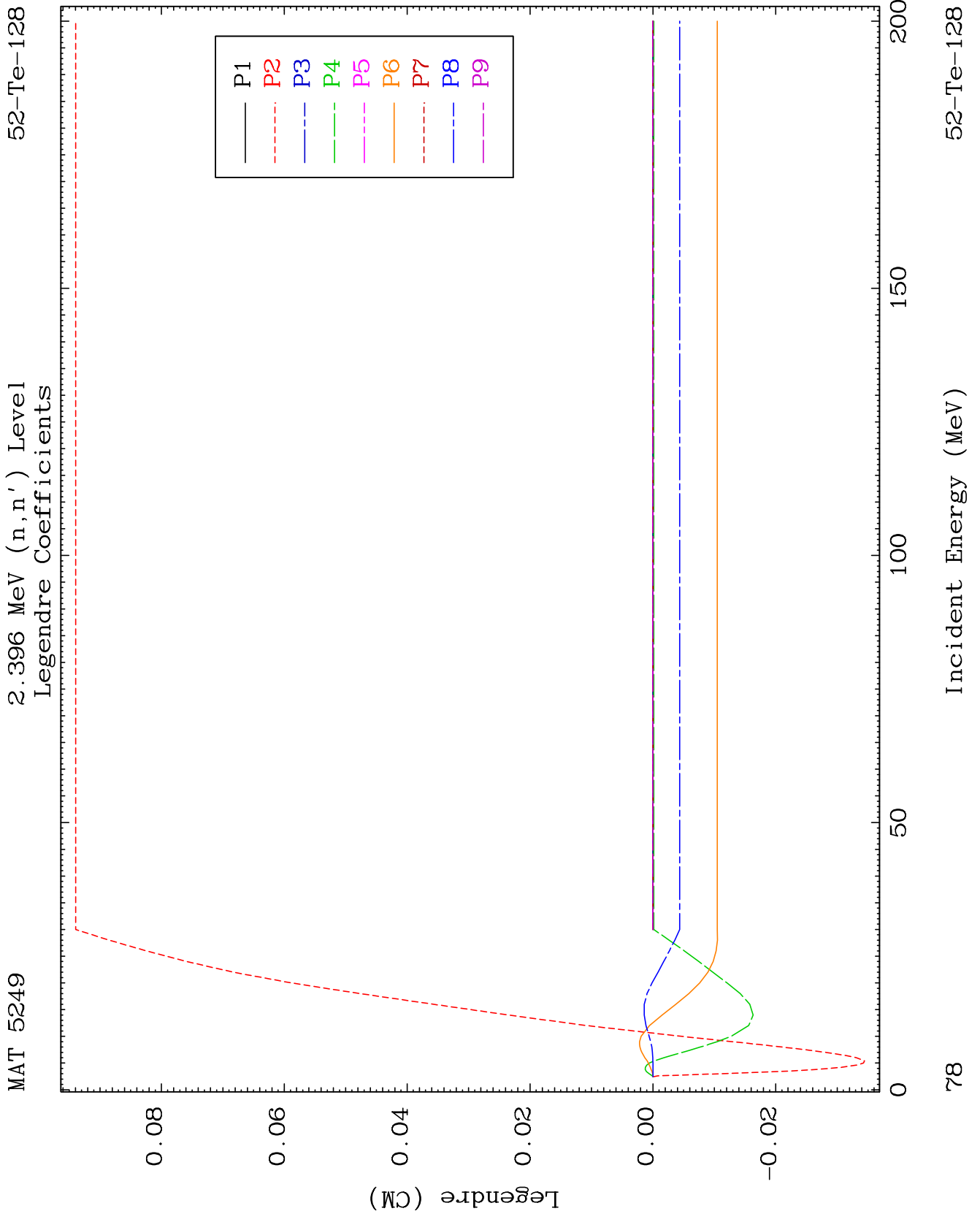


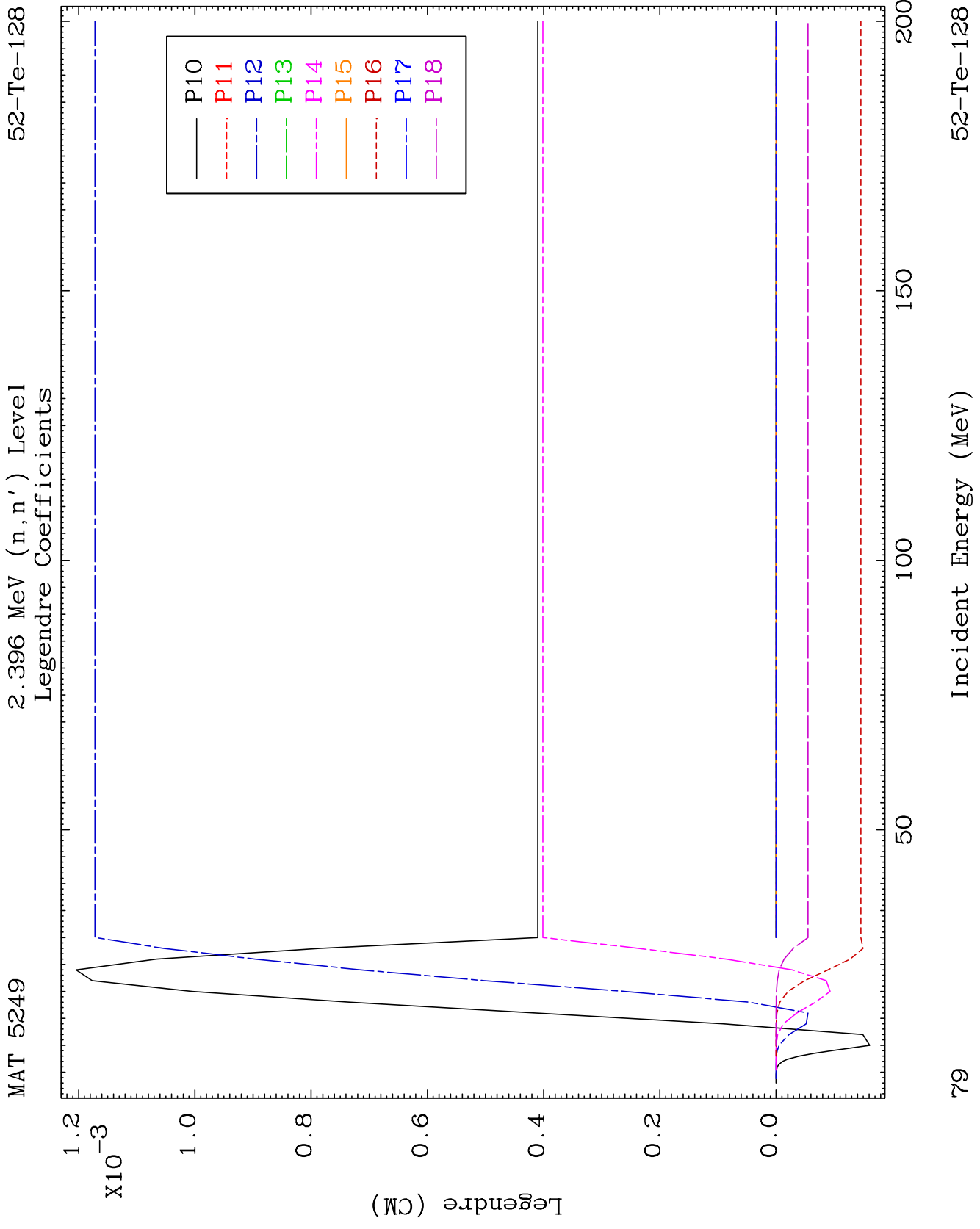
MAT 5249

2.352 MeV (n,n') Level  
Legendre Coefficients

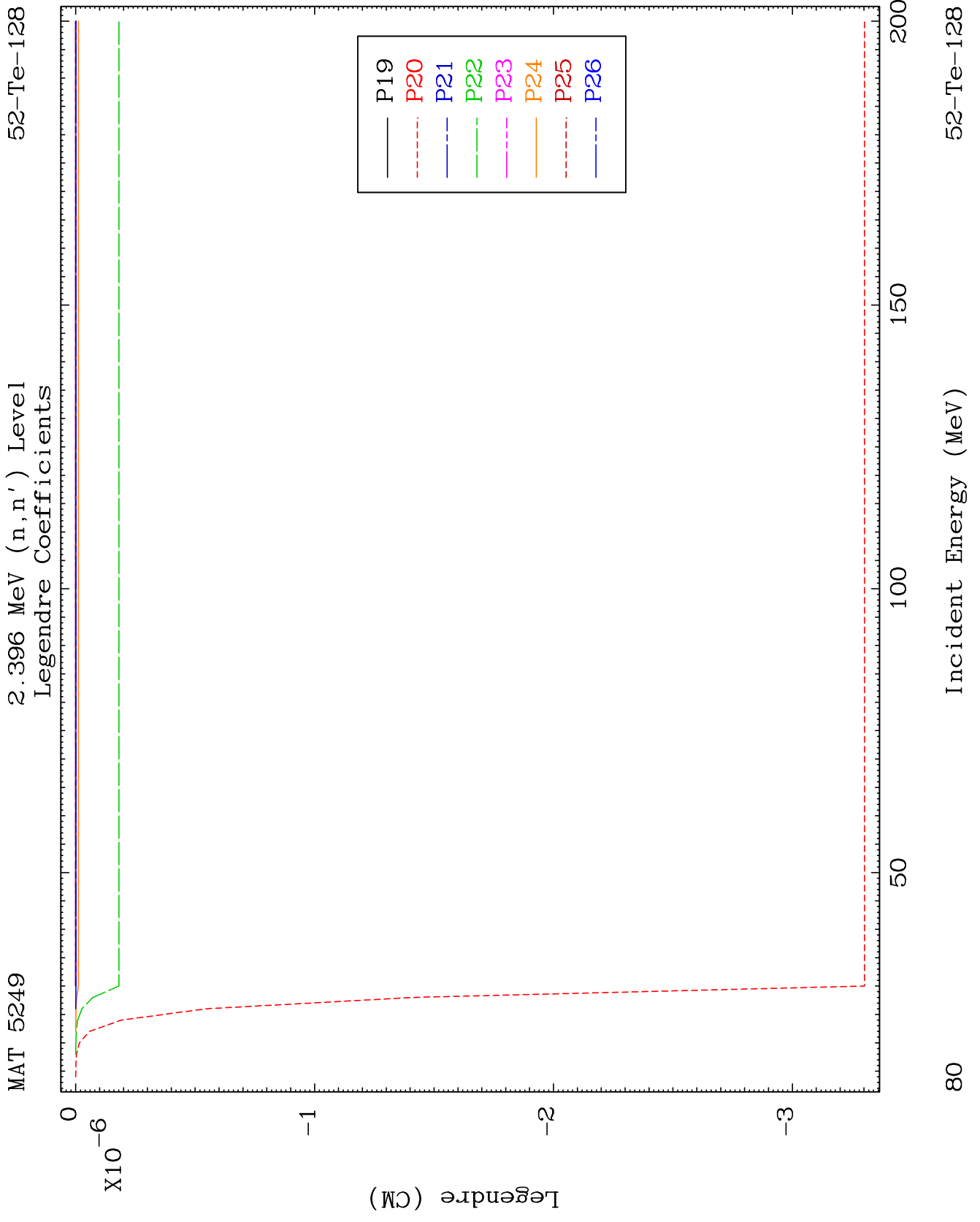
52-Te-128









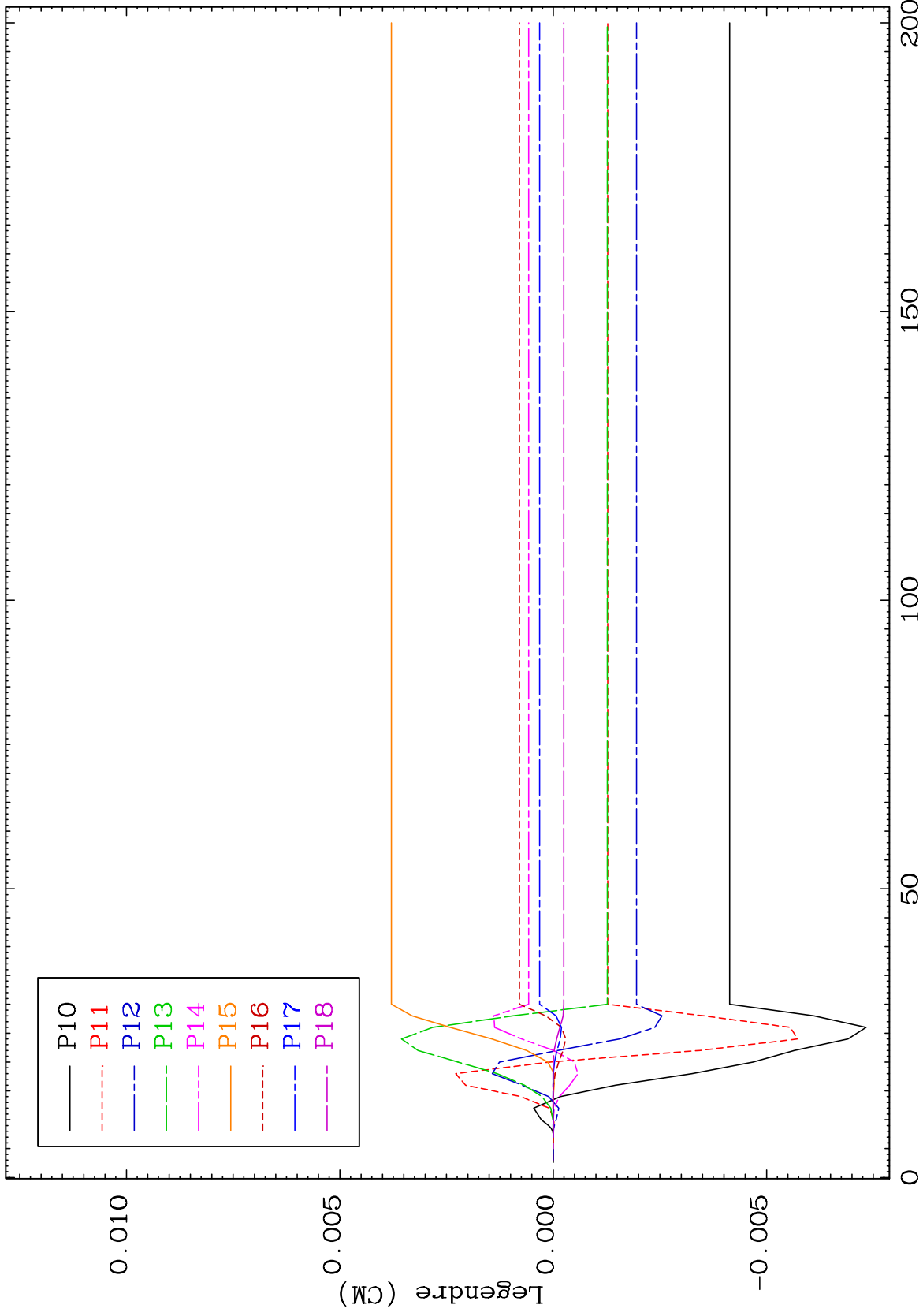




MAT 5249

2.405 MeV (n,n') Level  
Legendre Coefficients

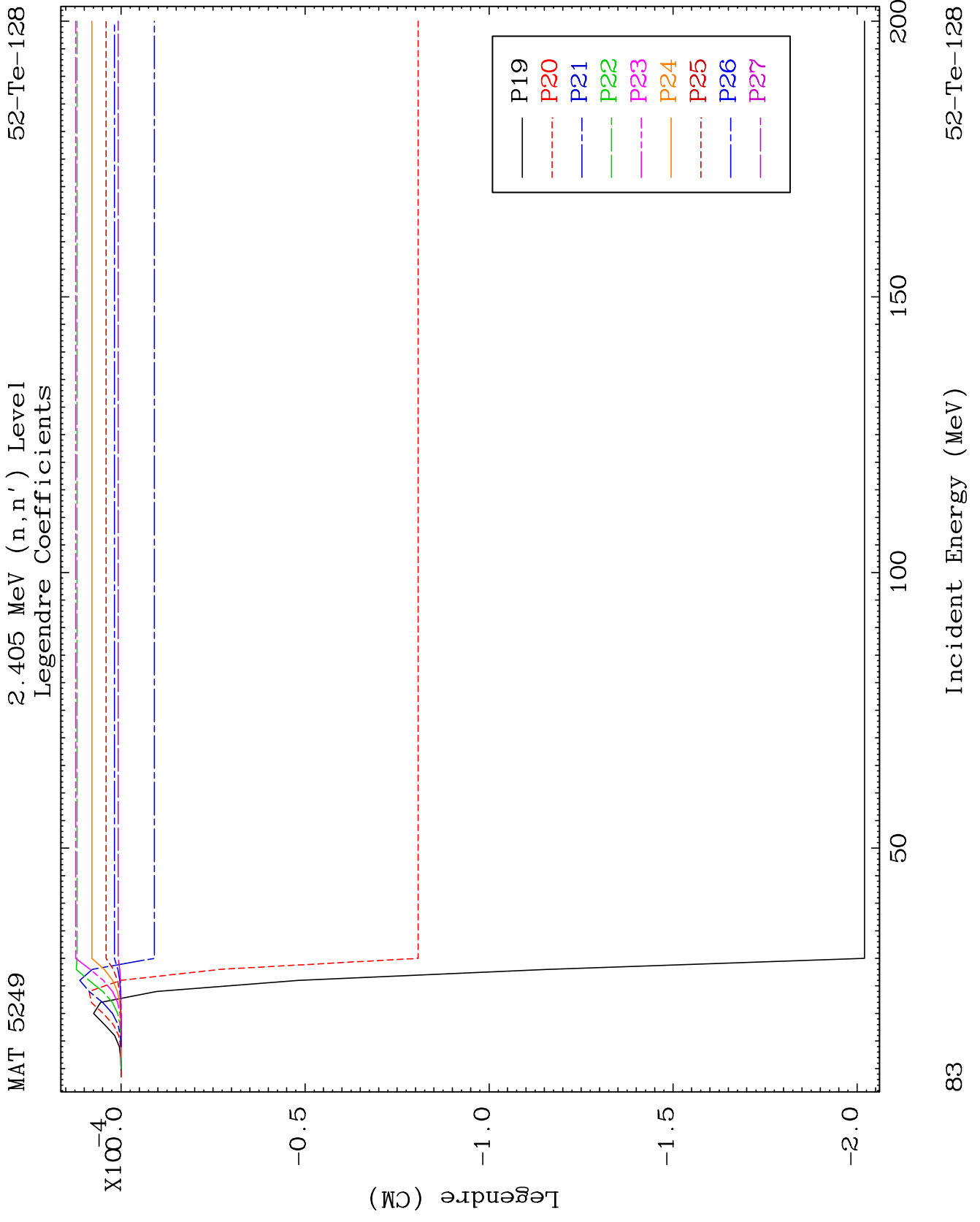
52-Te-128



82

Incident Energy (MeV)

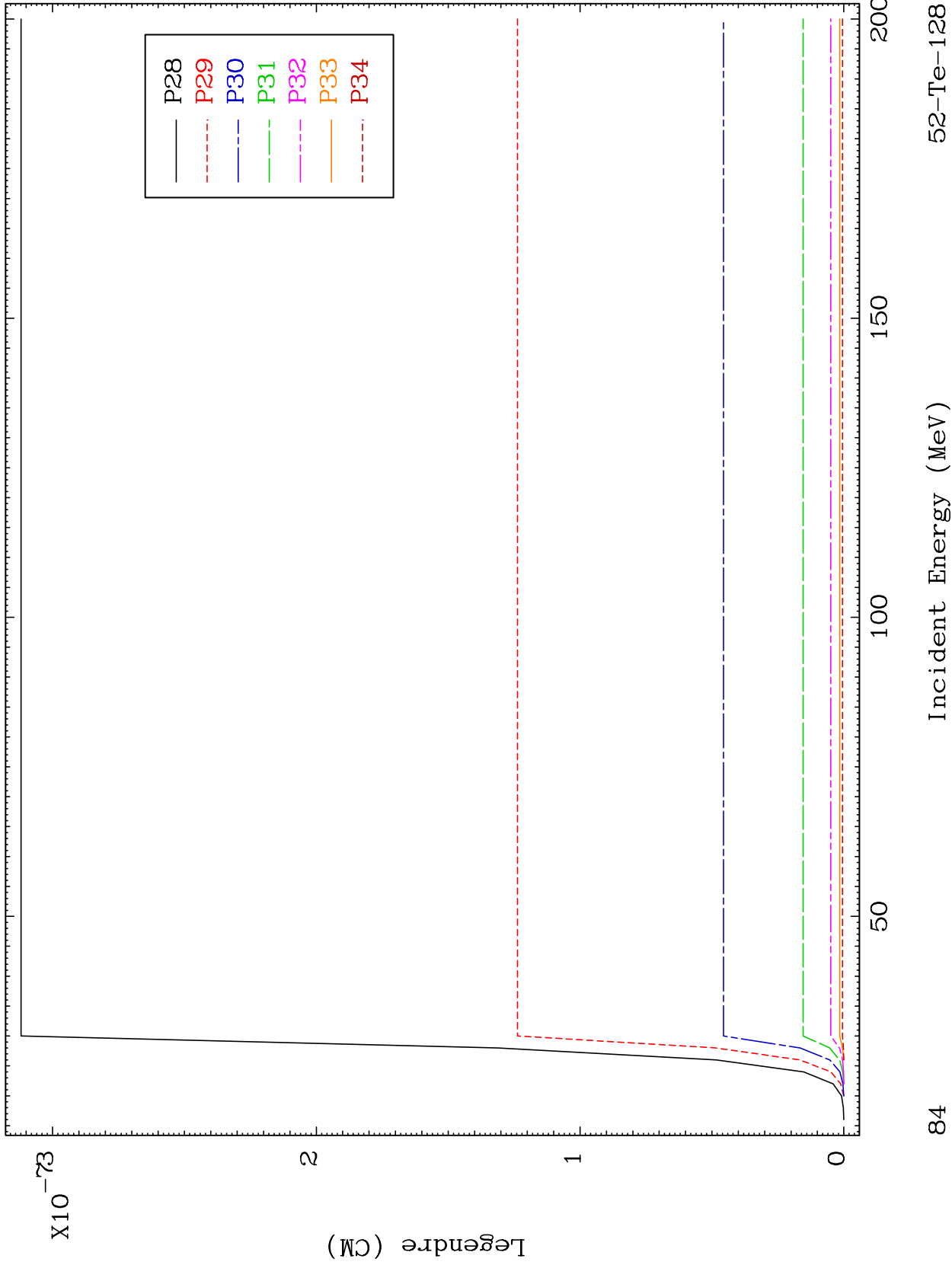
52-Te-128



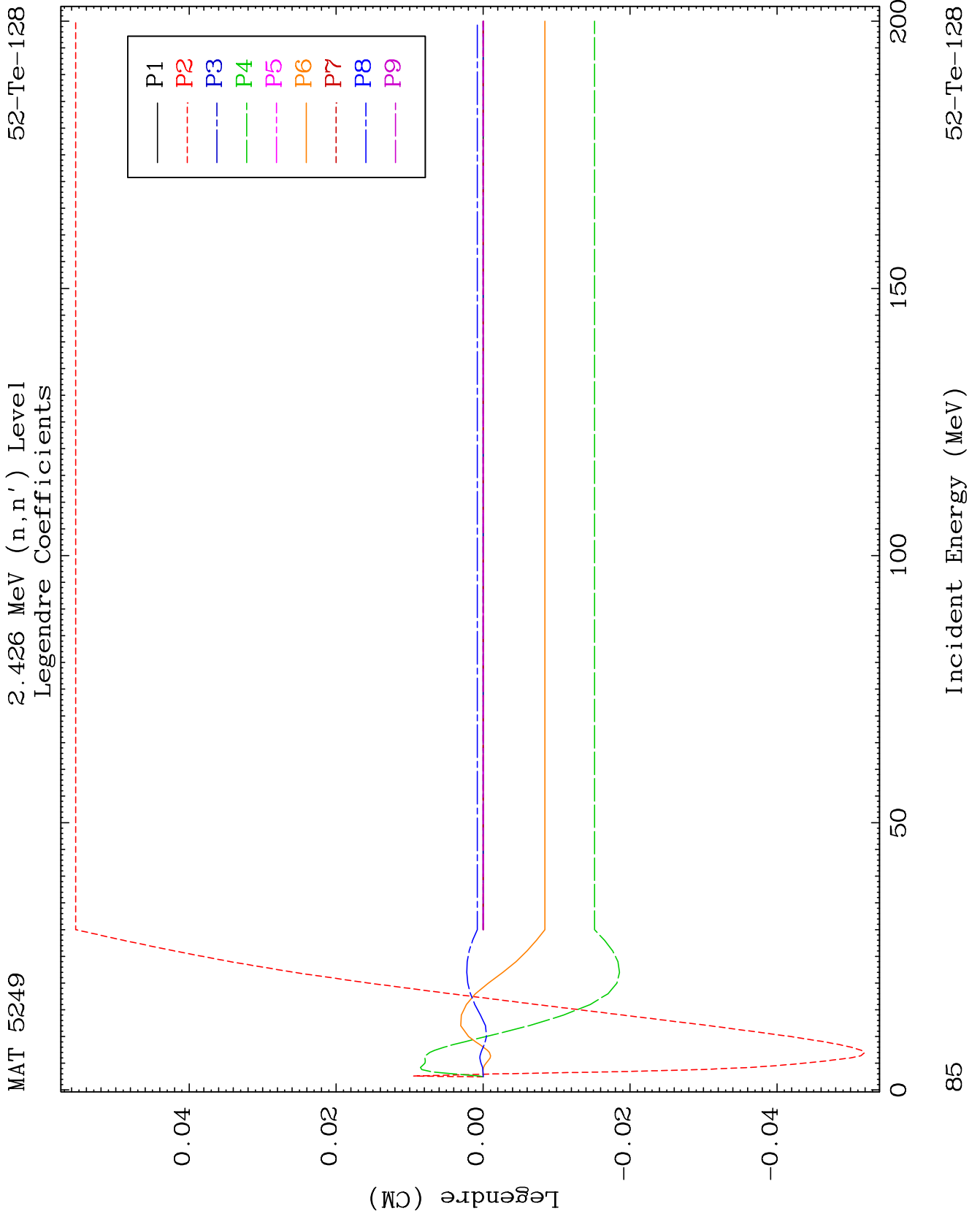
MAT 5249

2.405 MeV (n,n') Level  
Legendre Coefficients

52-Te-128



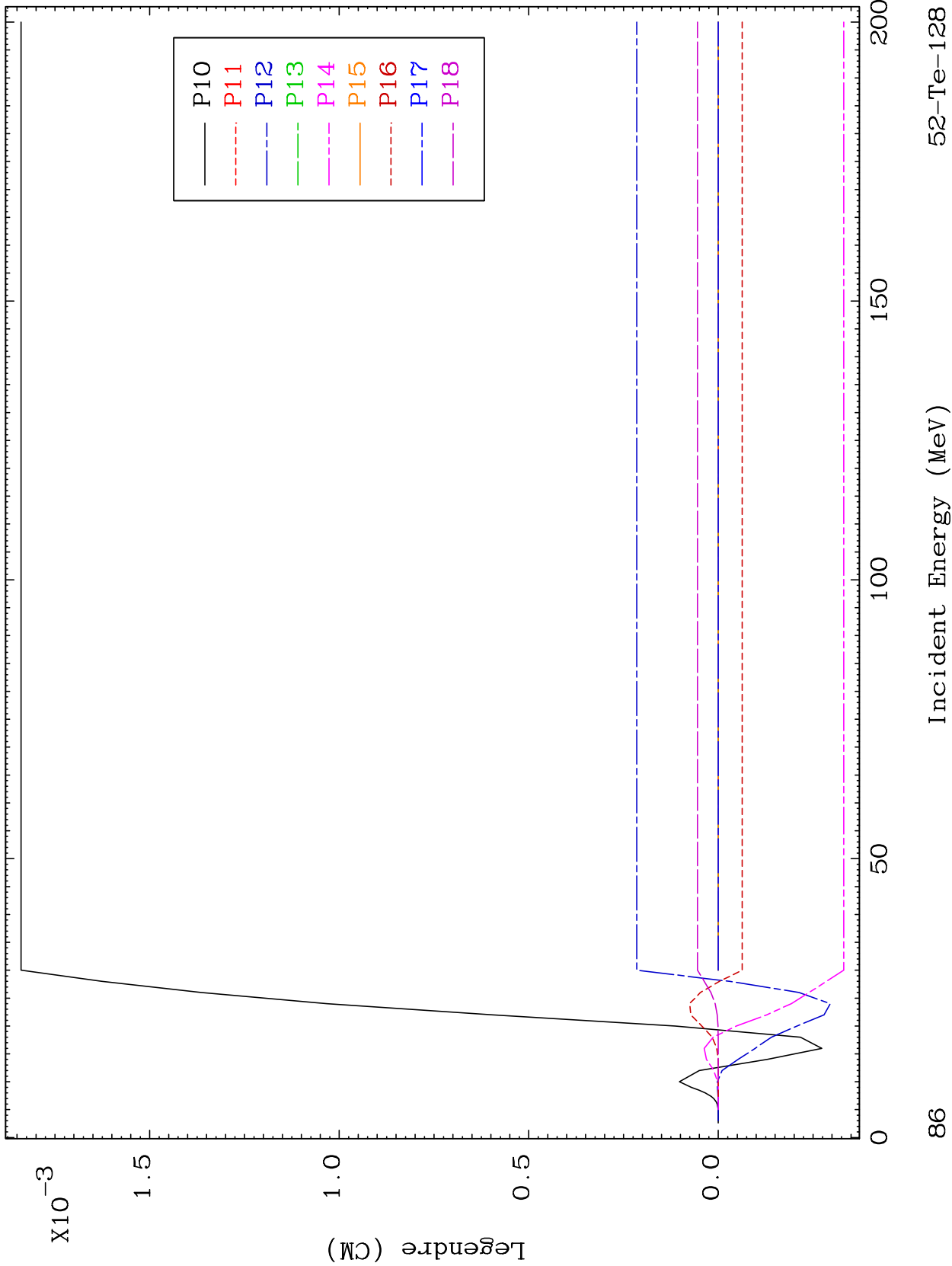
84

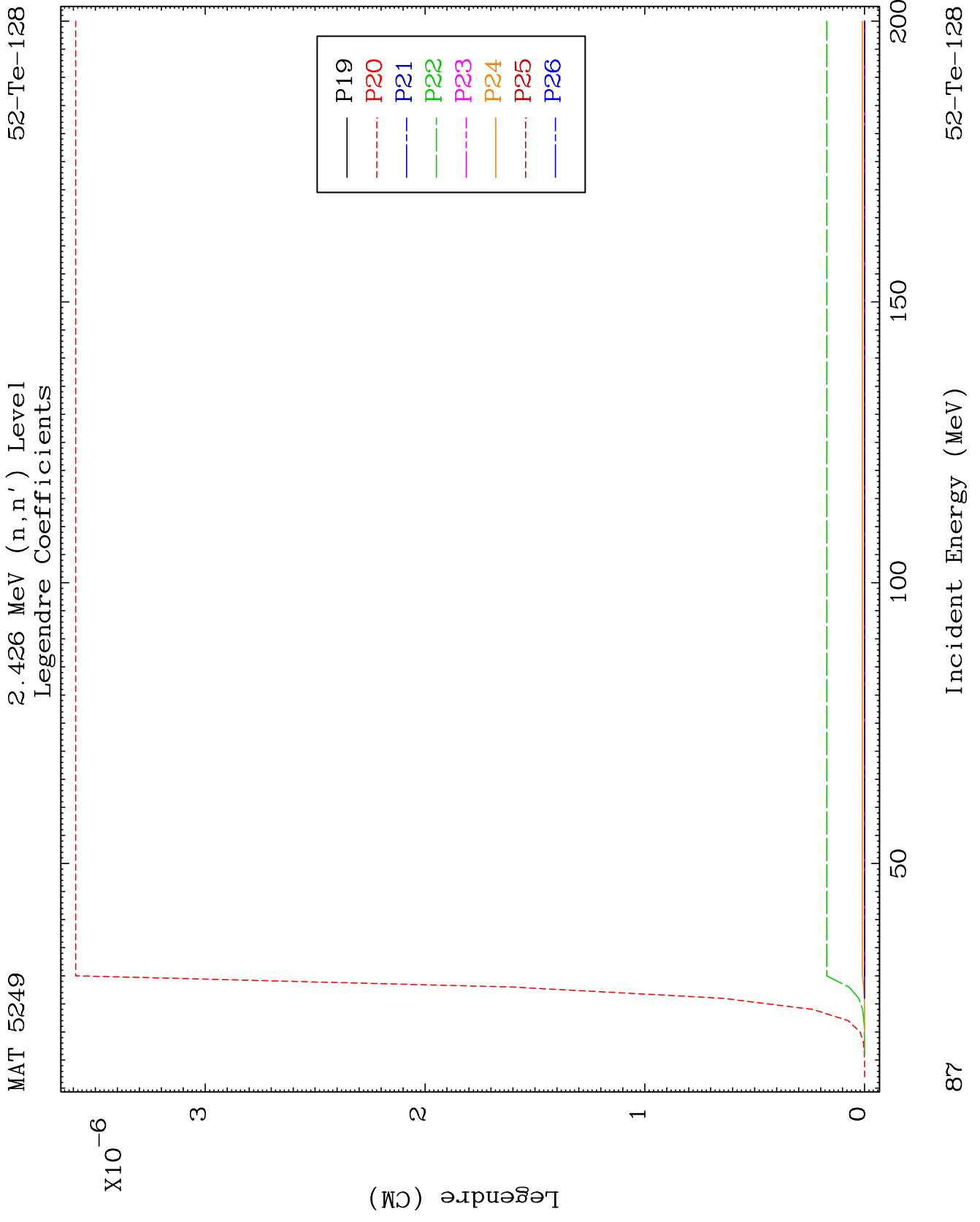


MAT 5249

2.426 MeV (n, n') Level  
Legendre Coefficients

52-Te-128



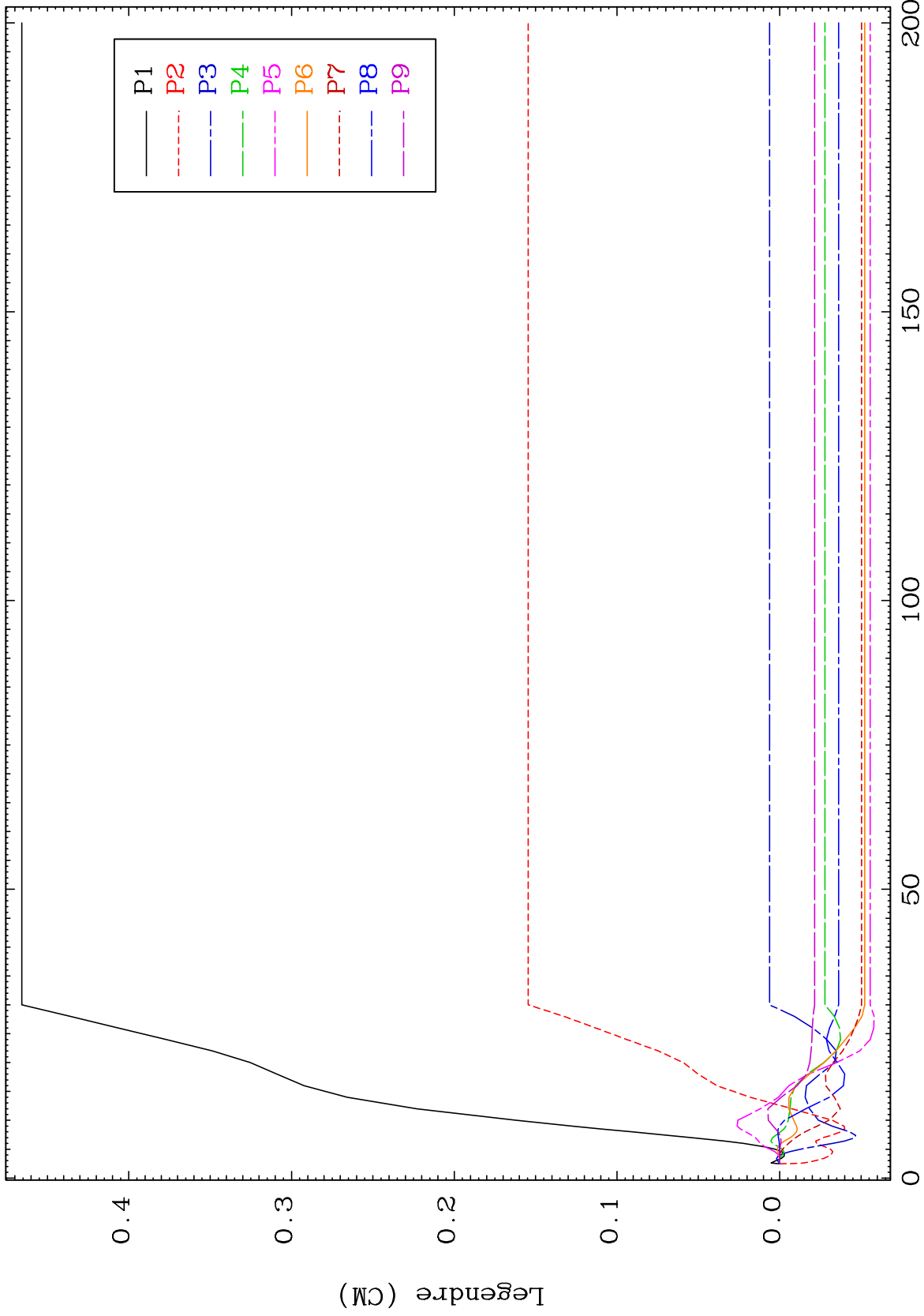




MAT 5249

2.440 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

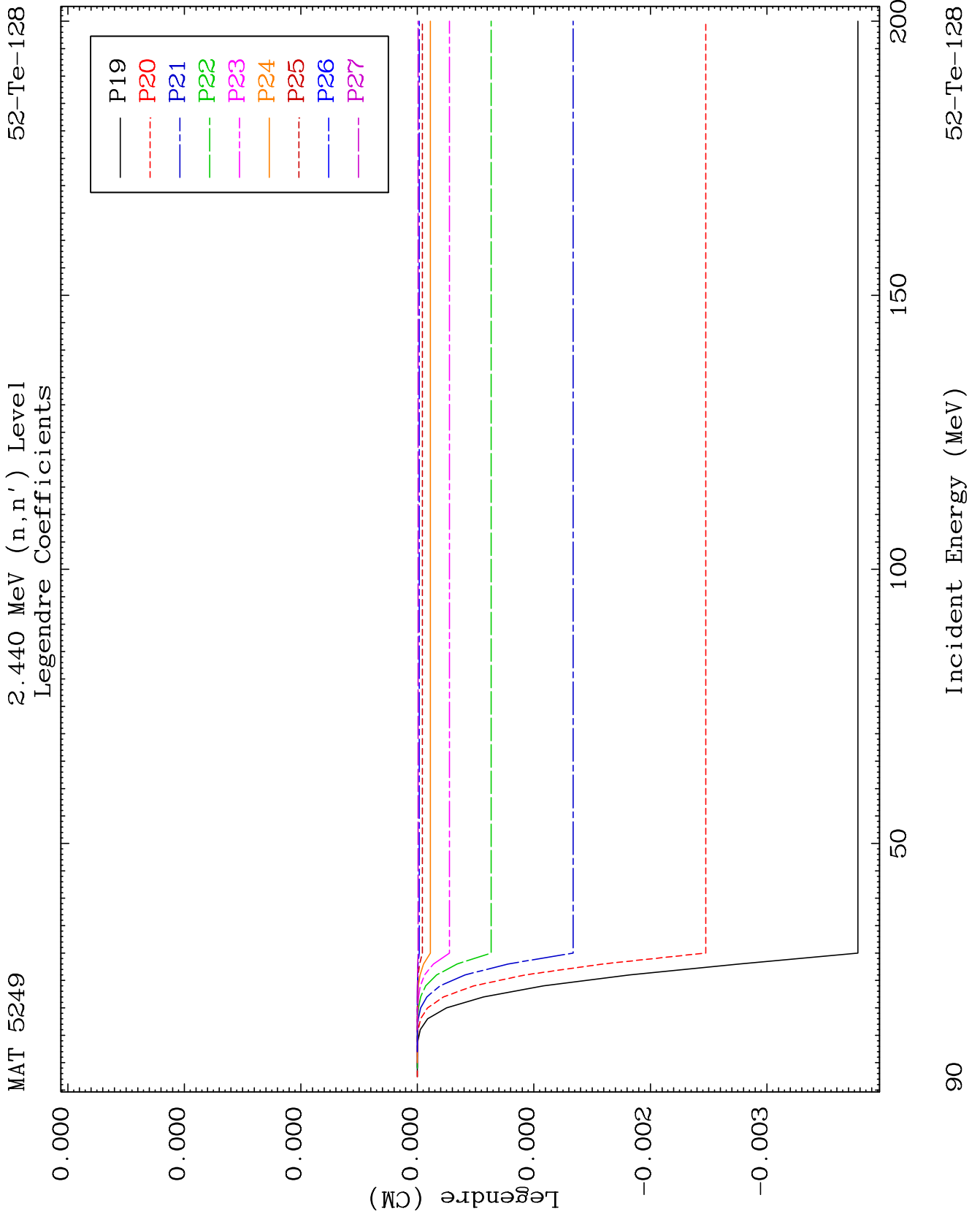


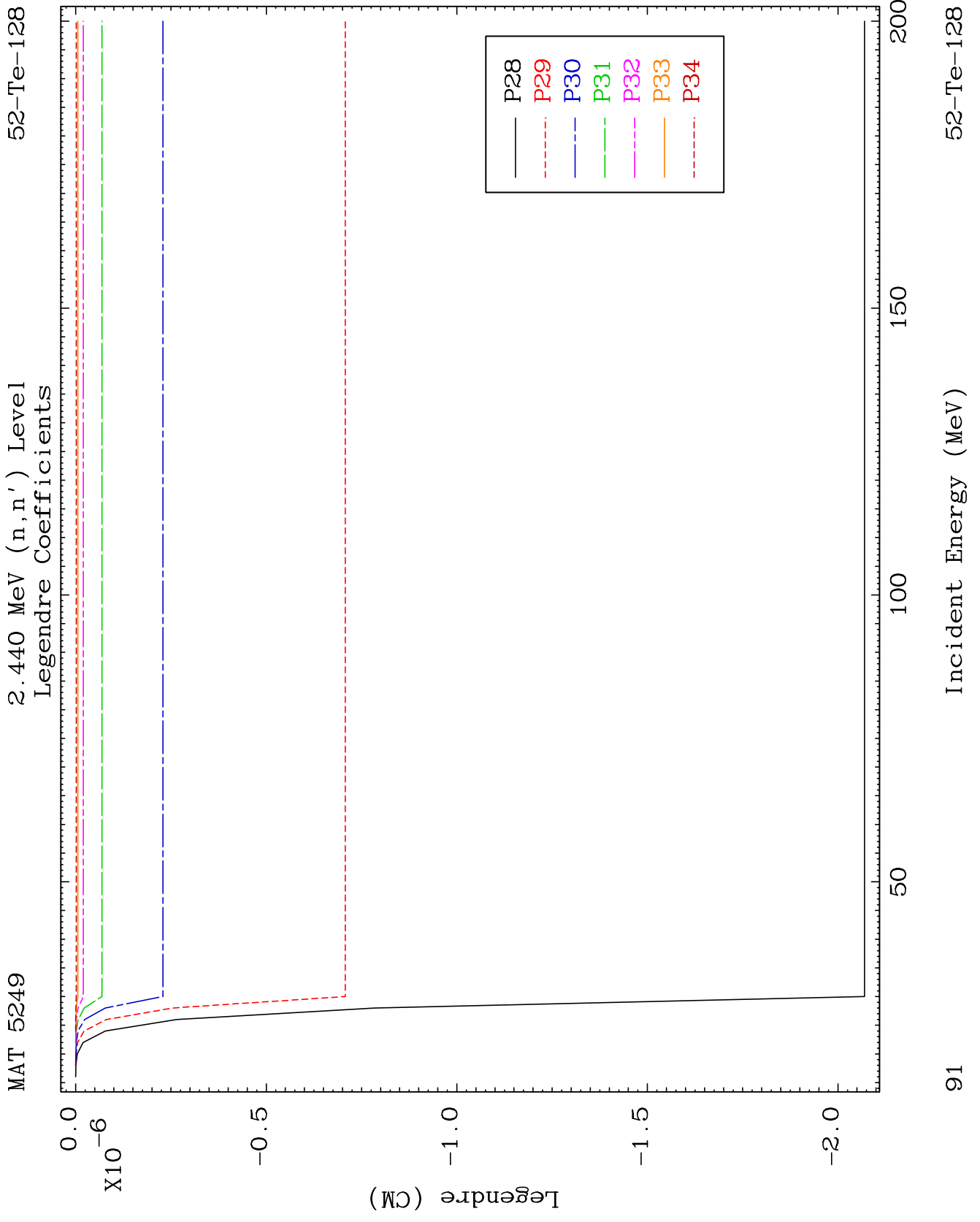
88

Incident Energy (MeV)

52-Te-128



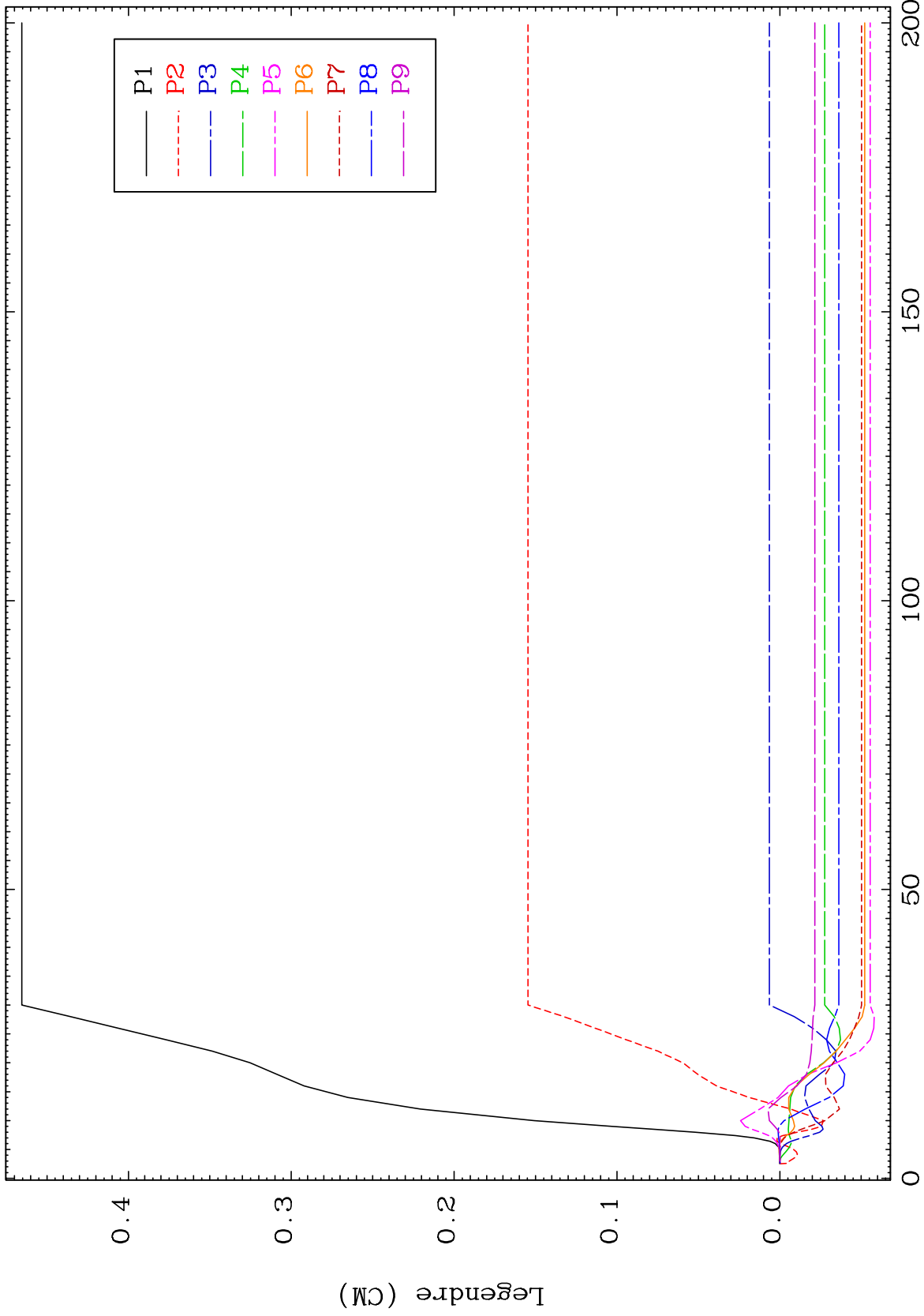




MAT 5249

2.485 MeV (n,n') Level  
Legendre Coefficients

52-Te-128



92

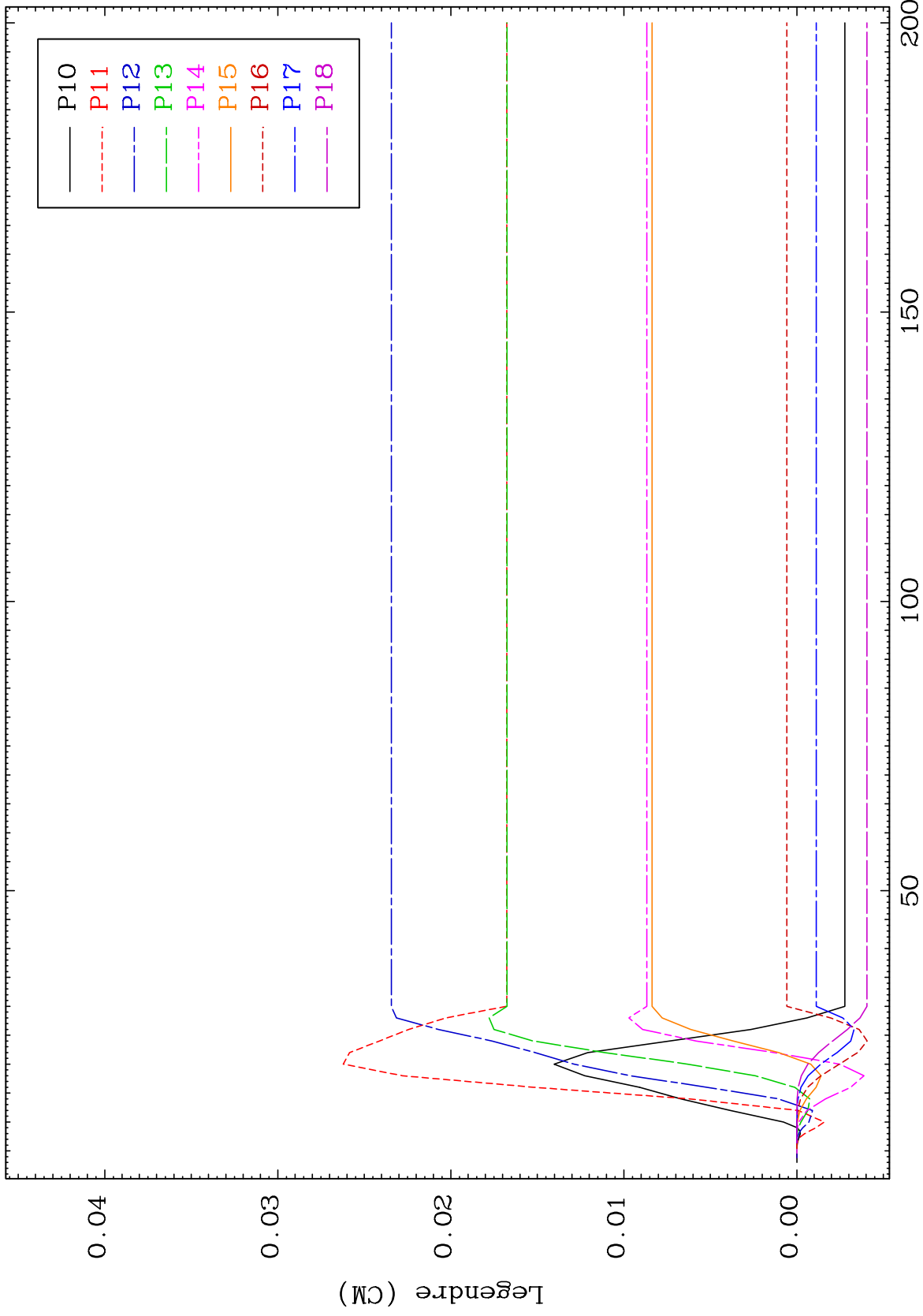
Incident Energy (MeV)

52-Te-128

MAT 5249

2.485 MeV (n,n') Level  
Legendre Coefficients

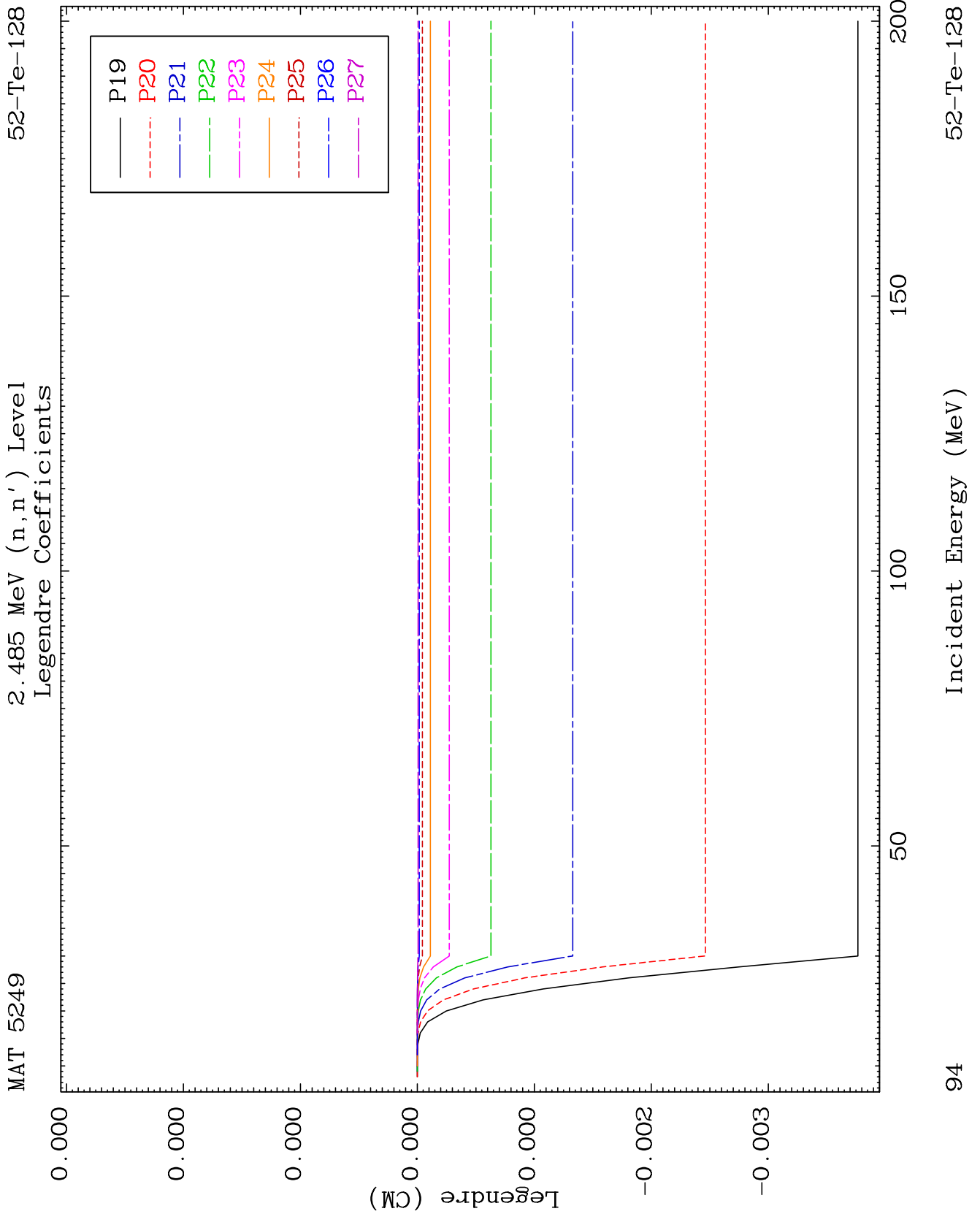
52-Te-128

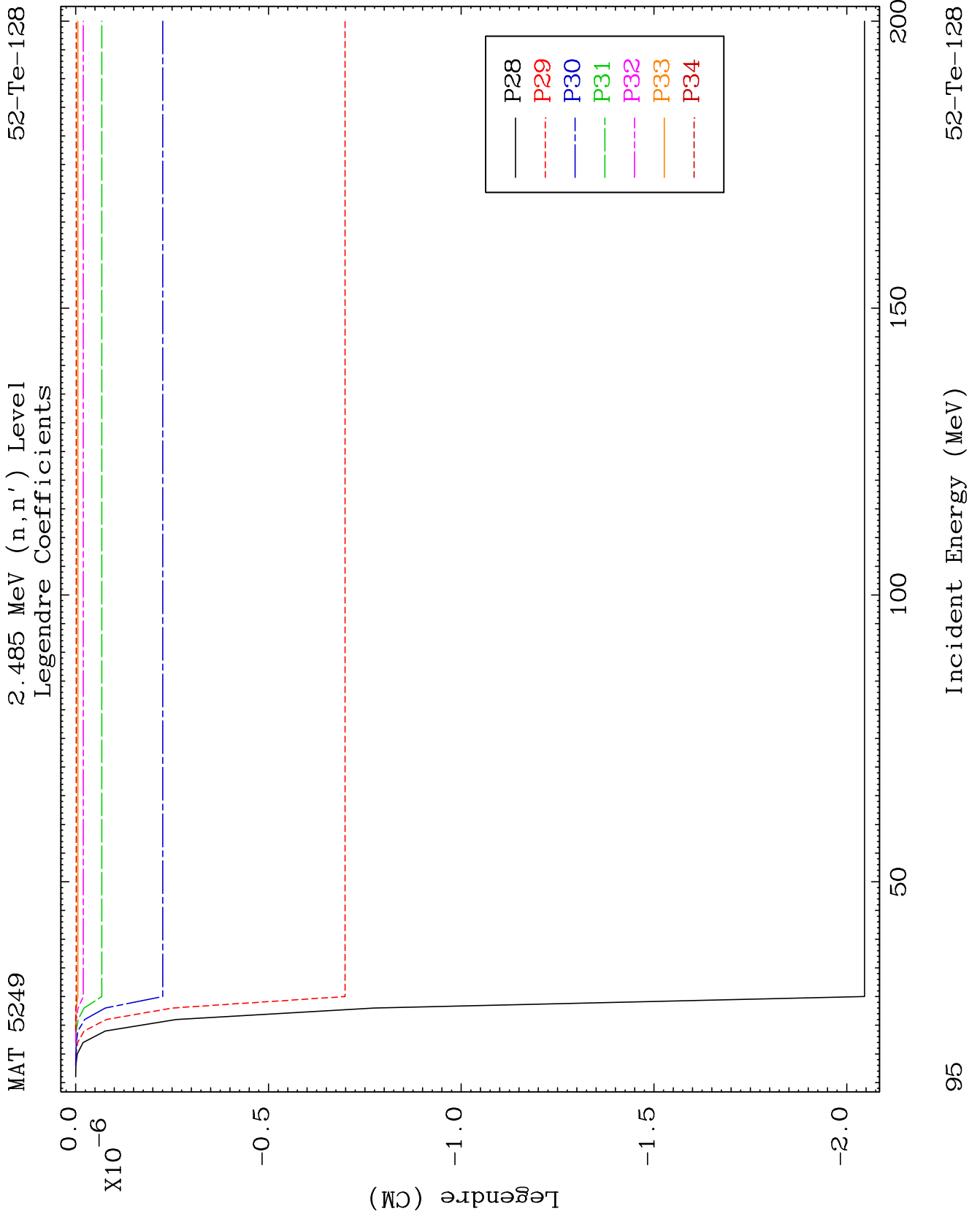


93

Incident Energy (MeV)

52-Te-128





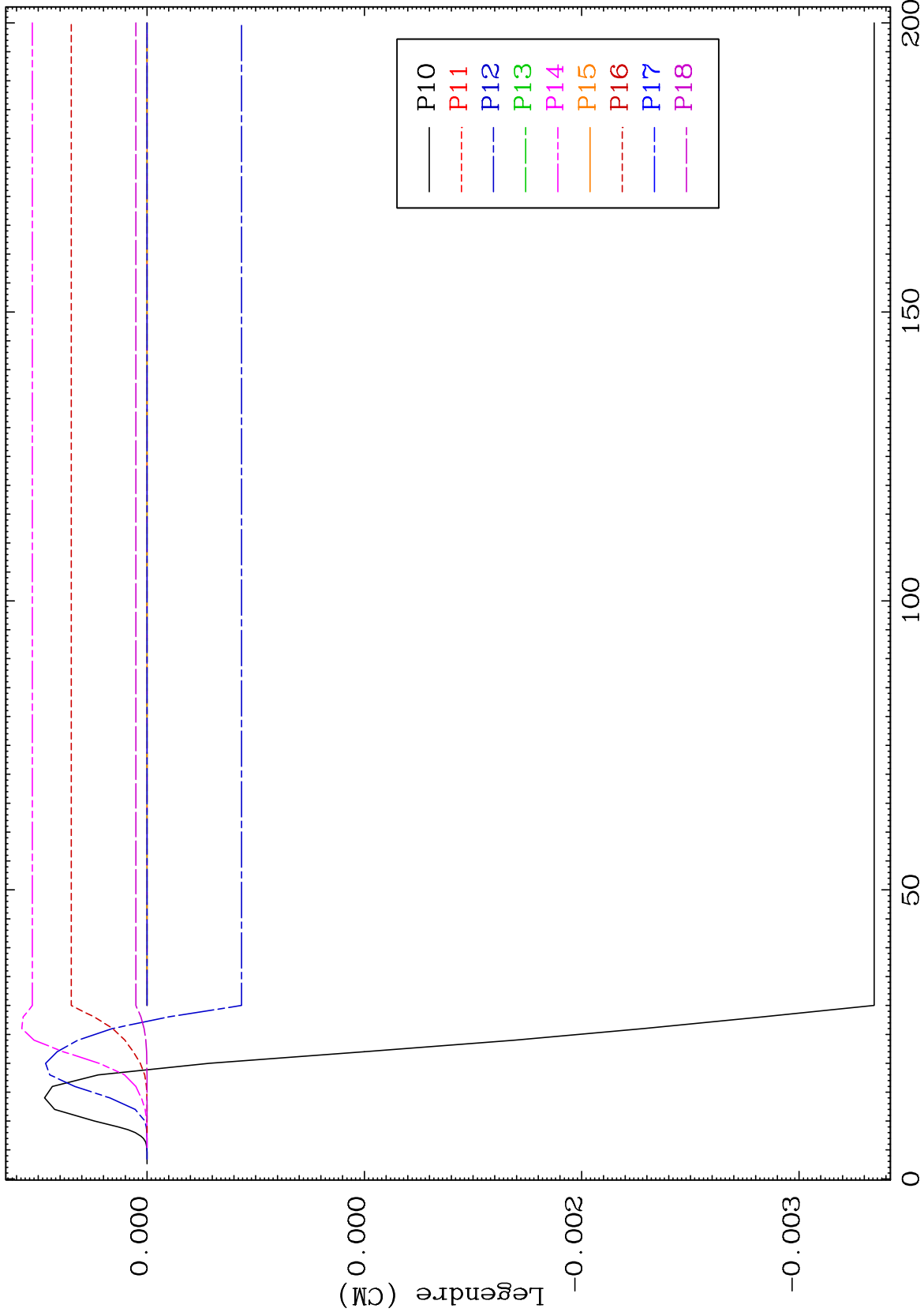




MAT 5249

2.487 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

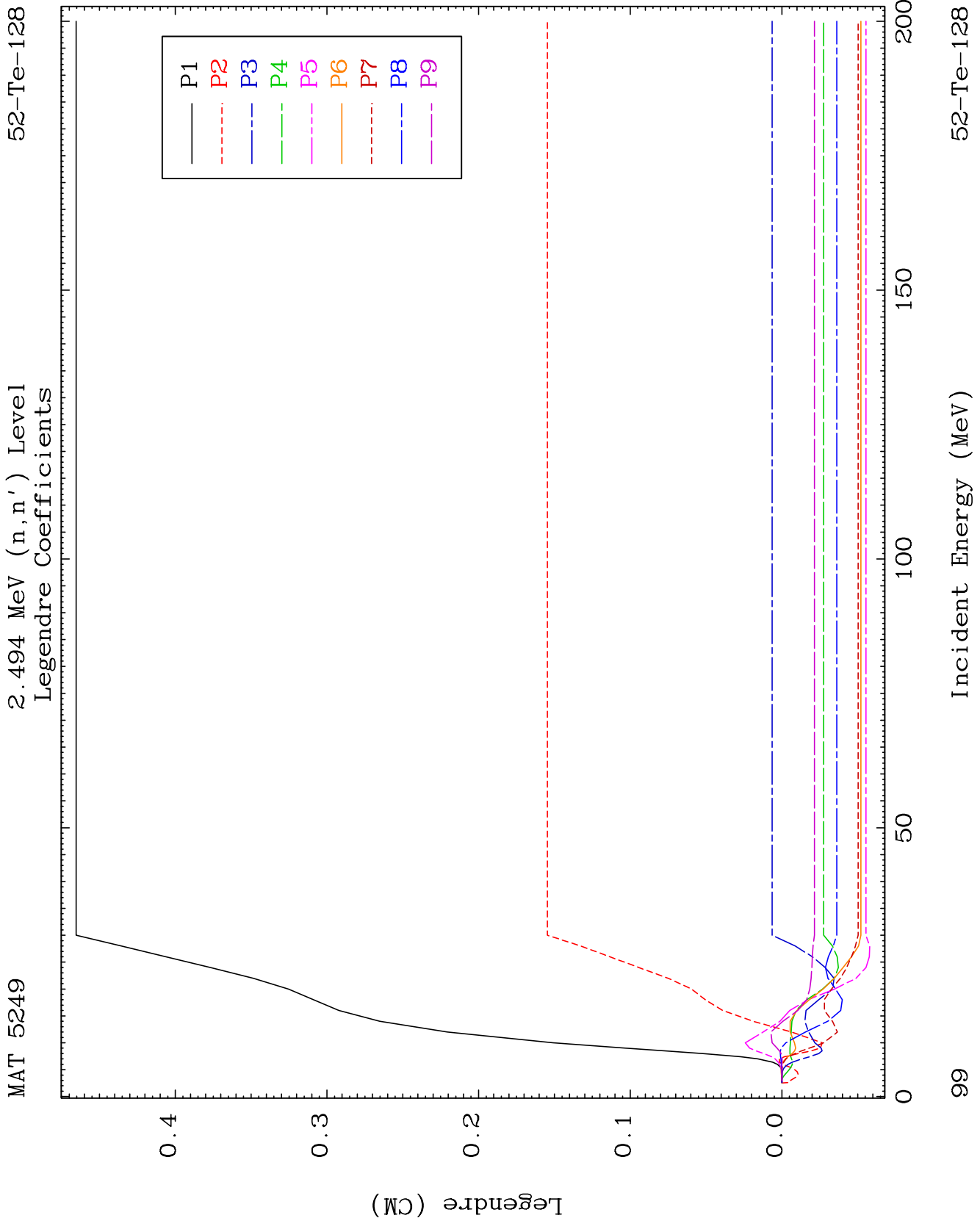


97

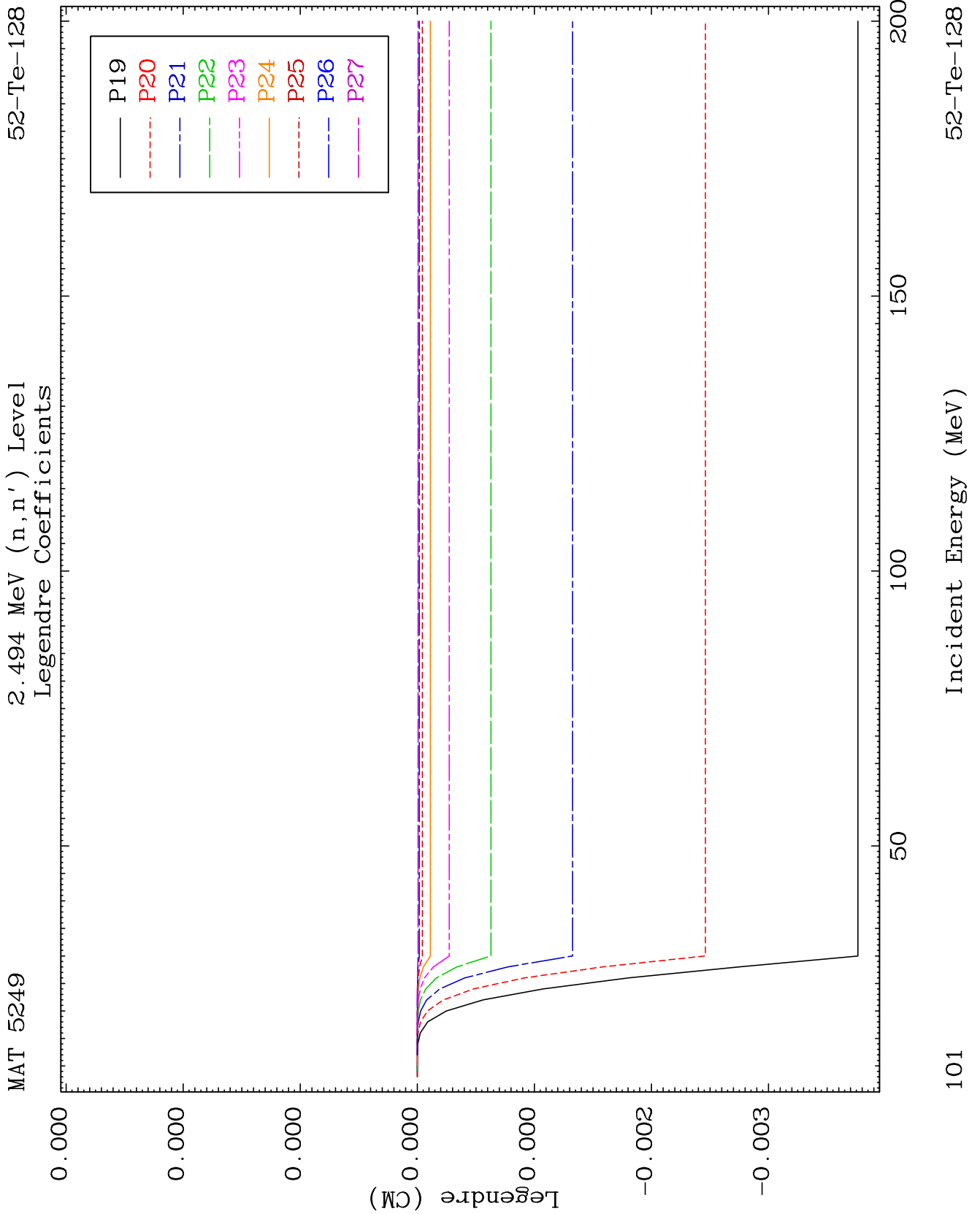
Incident Energy (MeV)

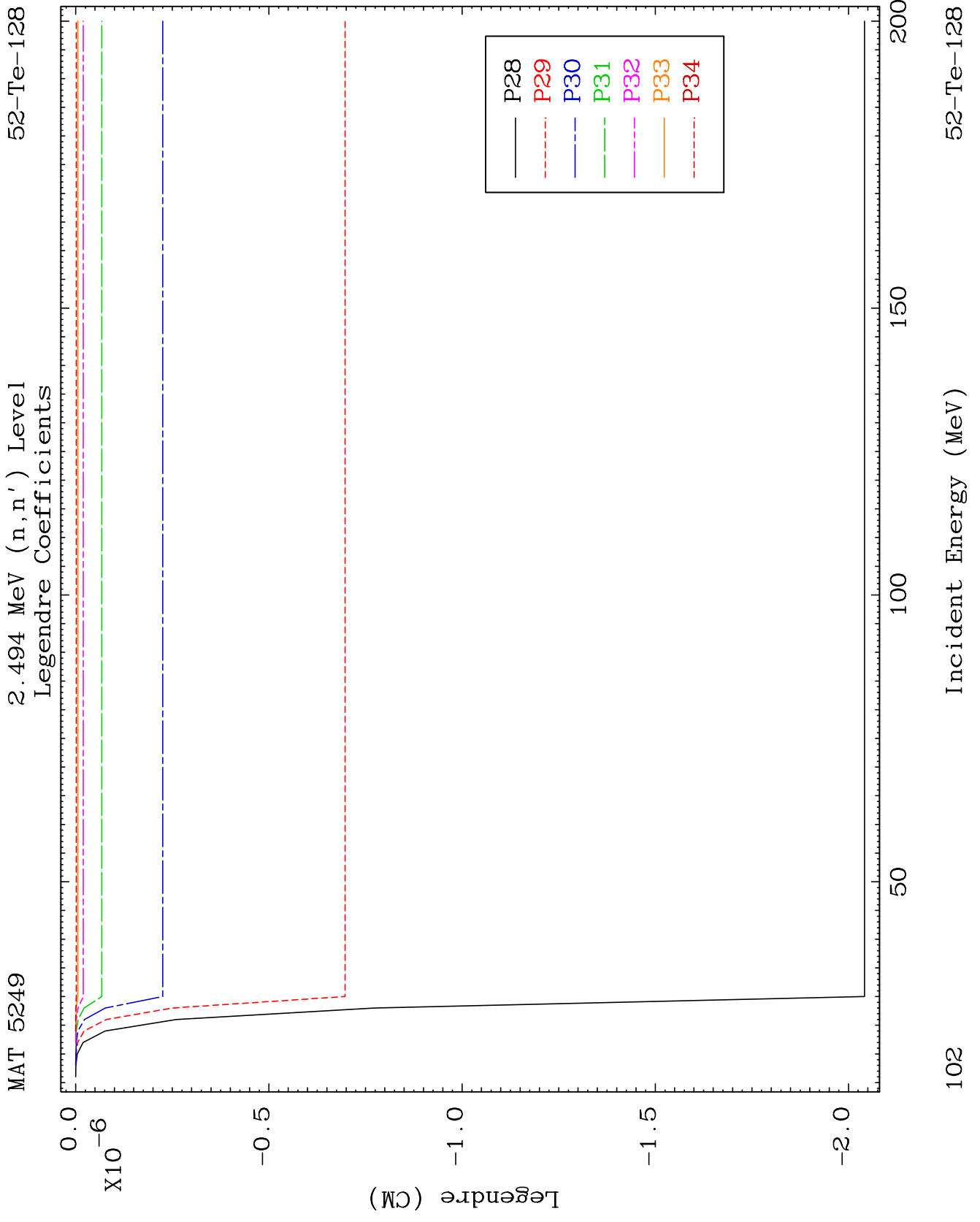
52-Te-128







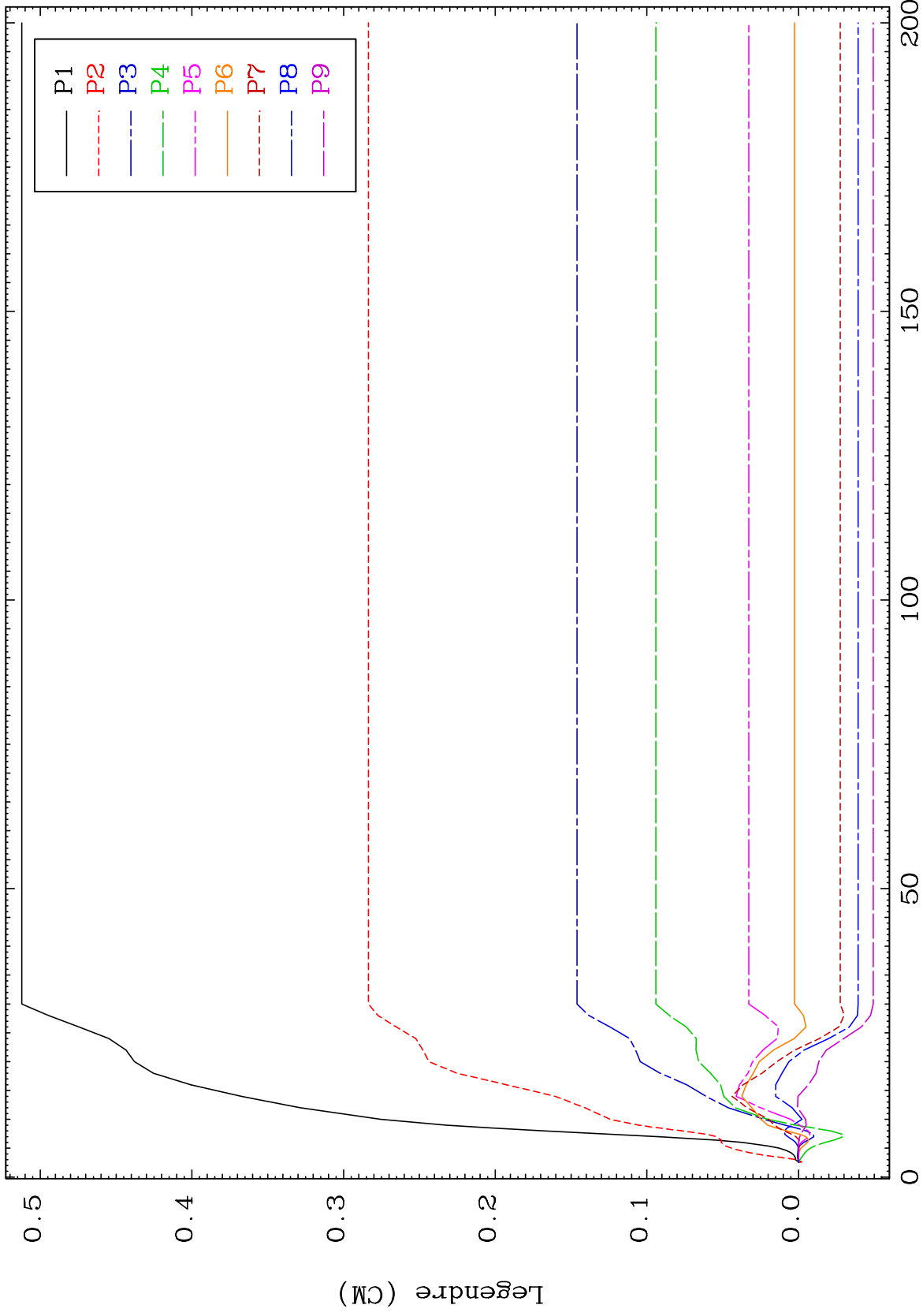




MAT 5249

2.508 MeV (n,n') Level  
Legendre Coefficients

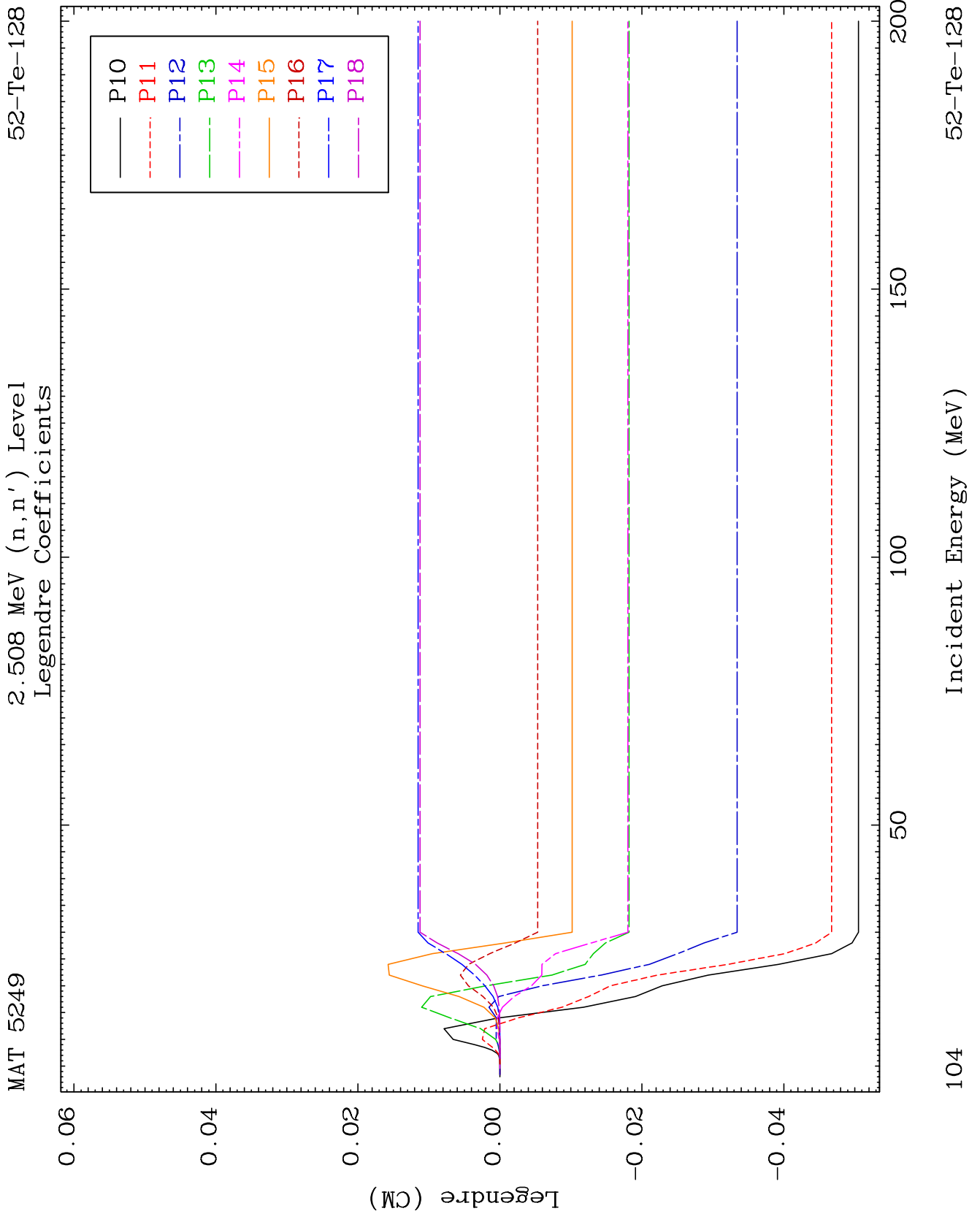
52-Te-128

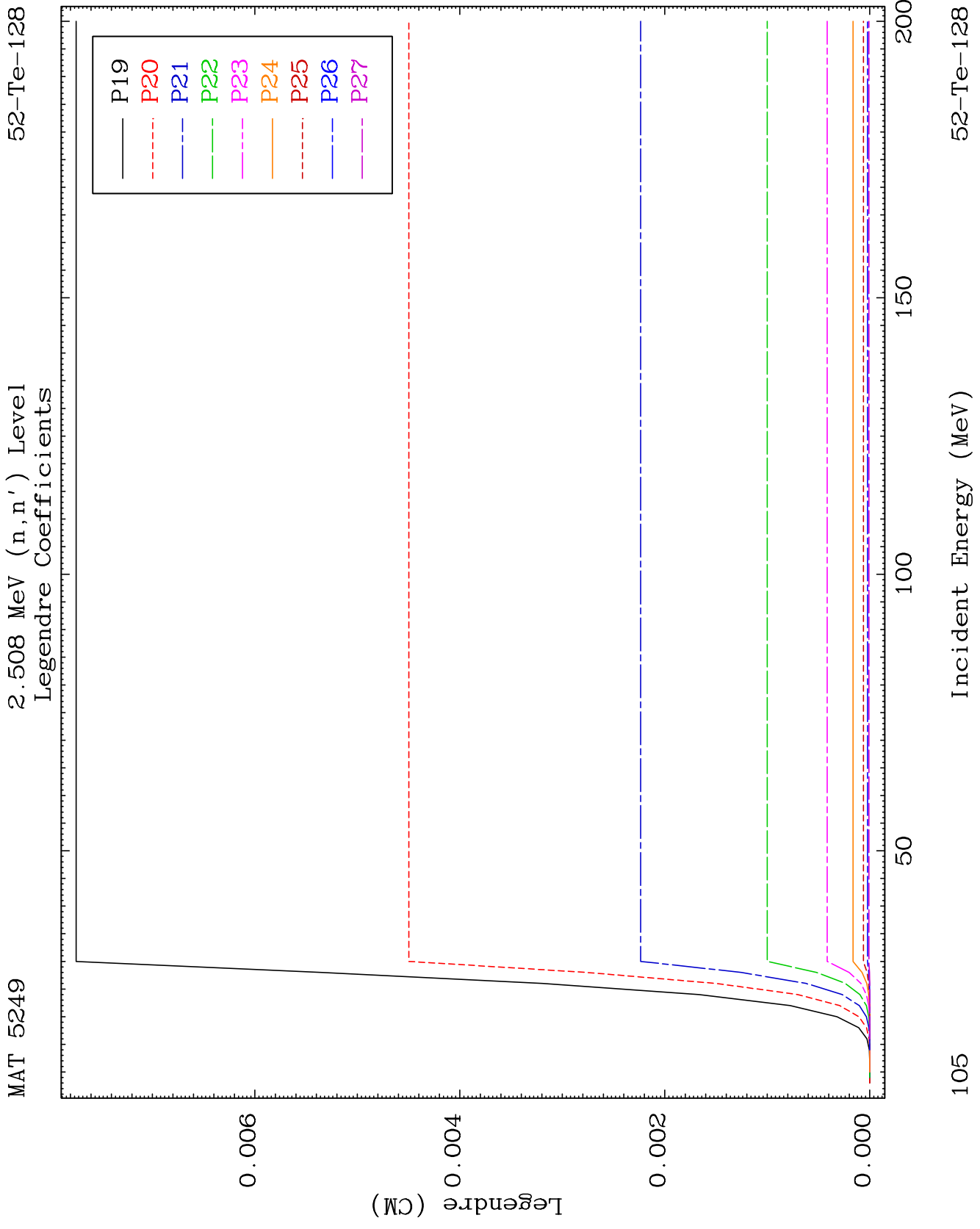


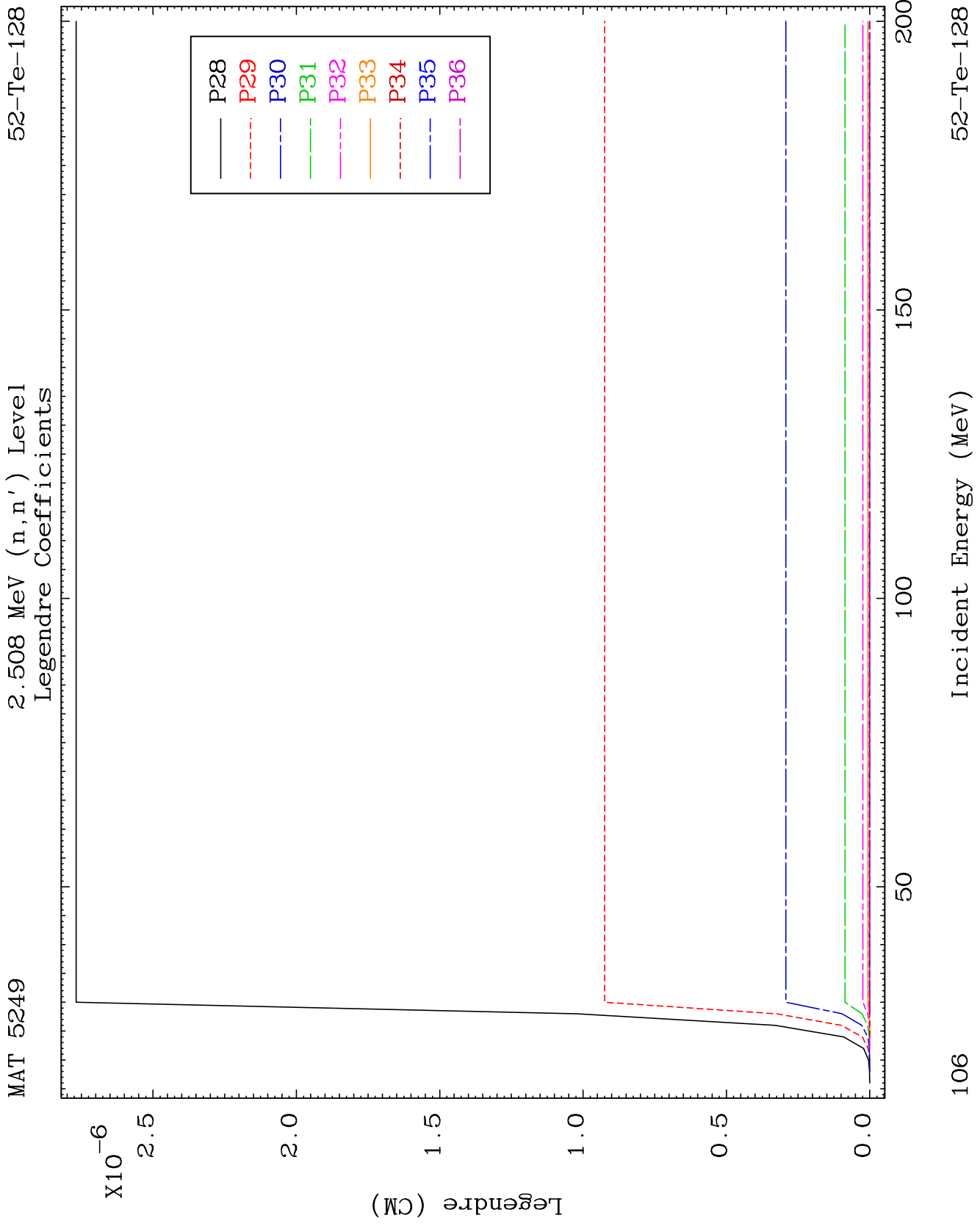
103

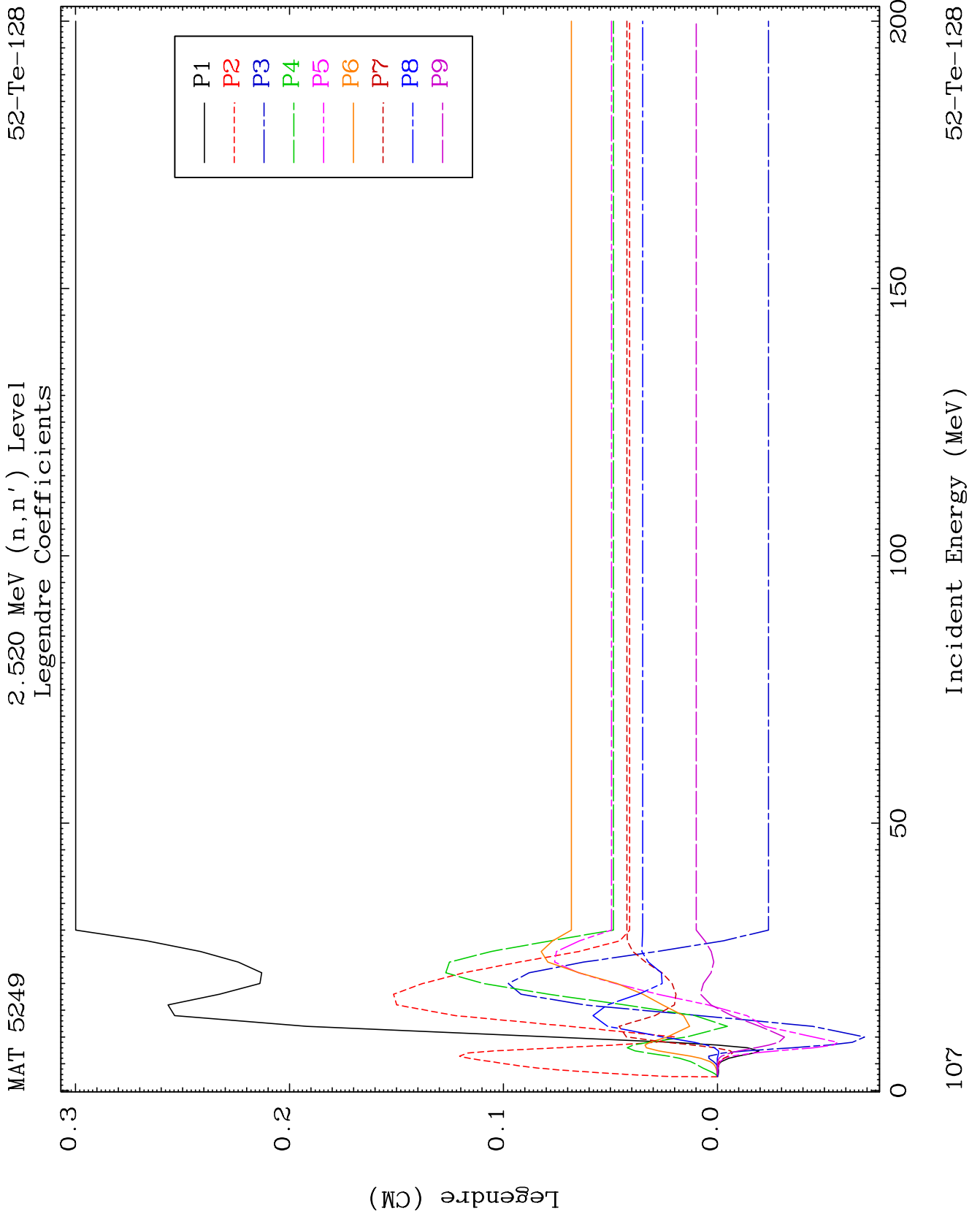
52-Te-128







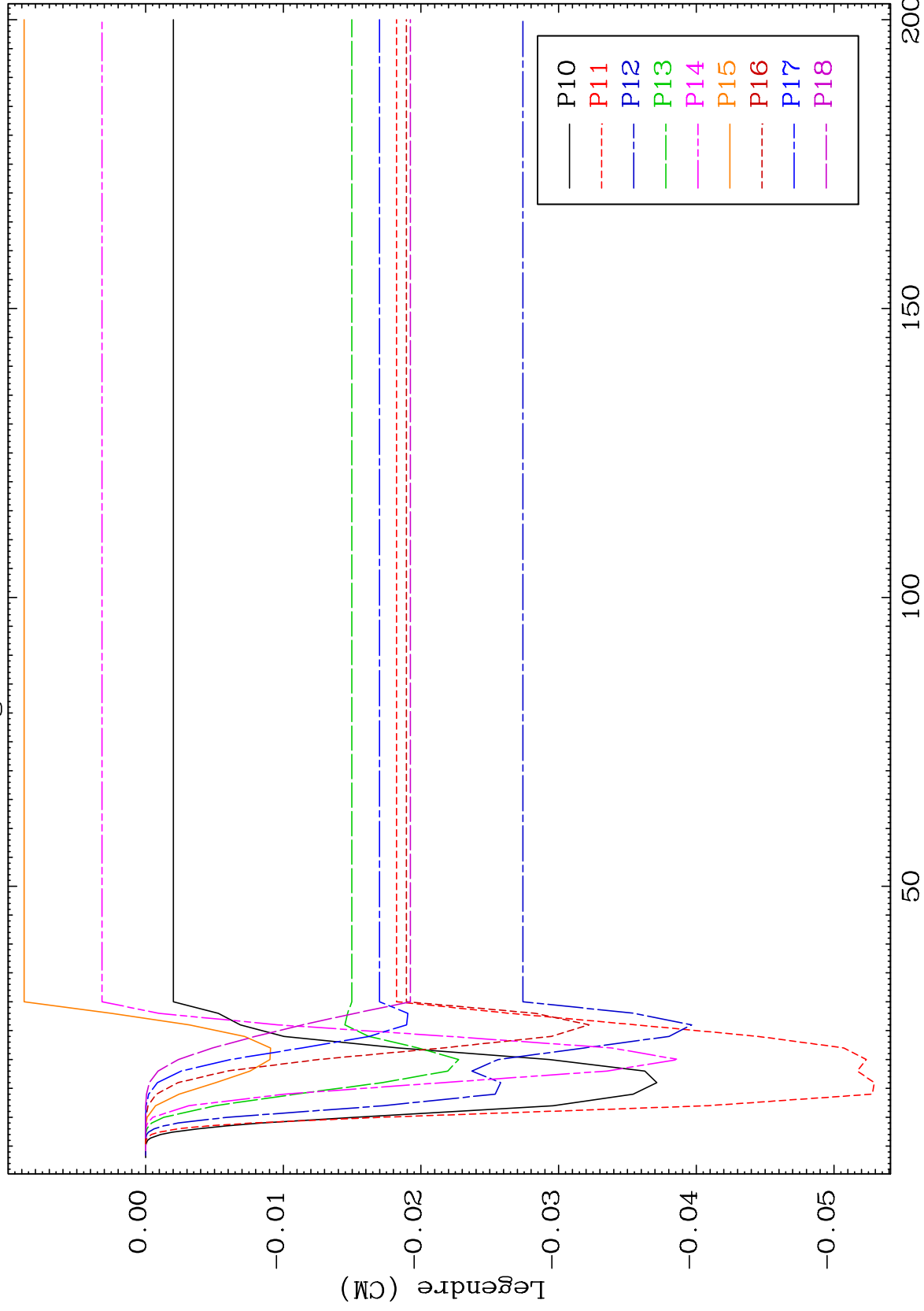




MAT 5249

2.520 MeV (n,n') Level  
Legendre Coefficients

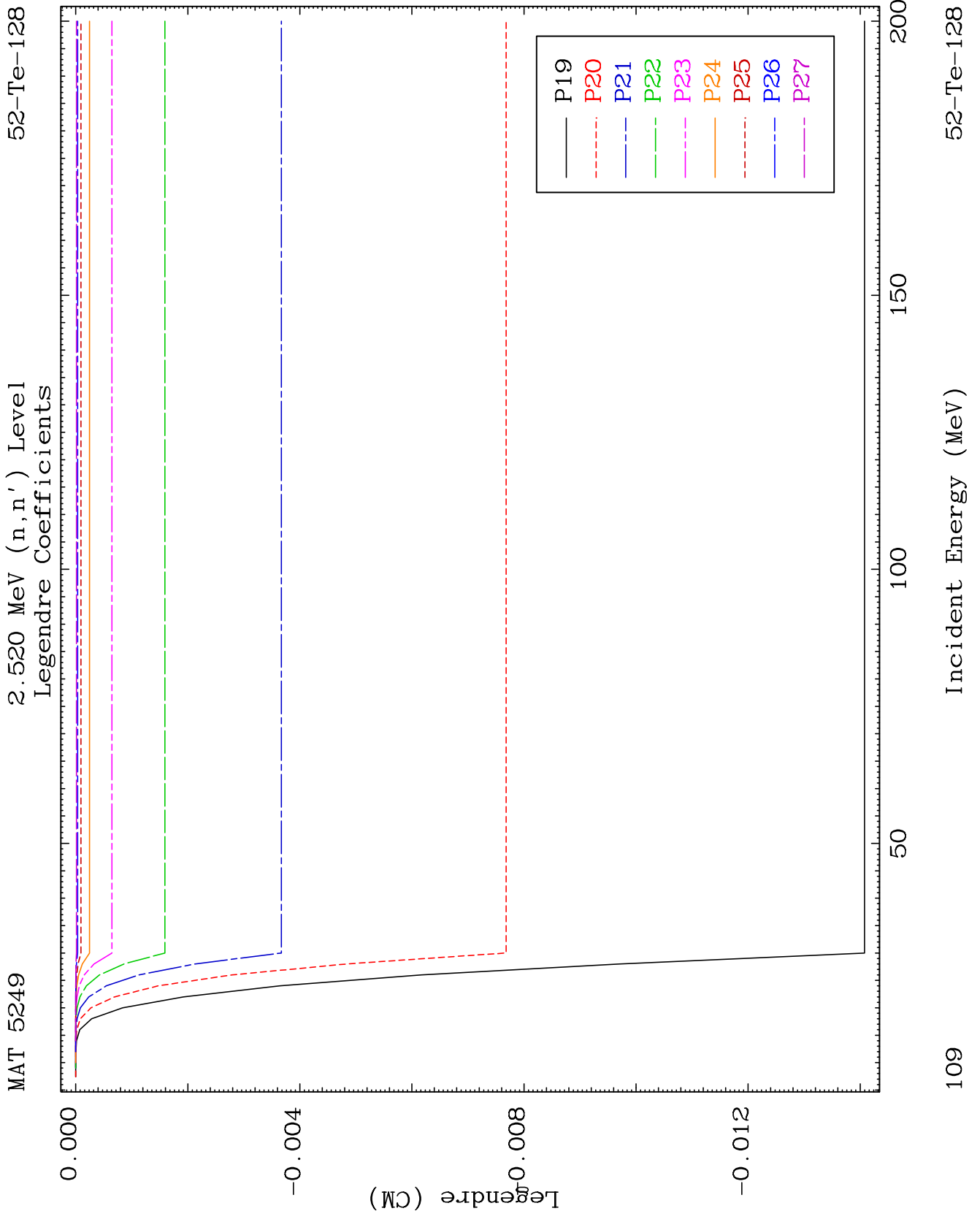
52-Te-128

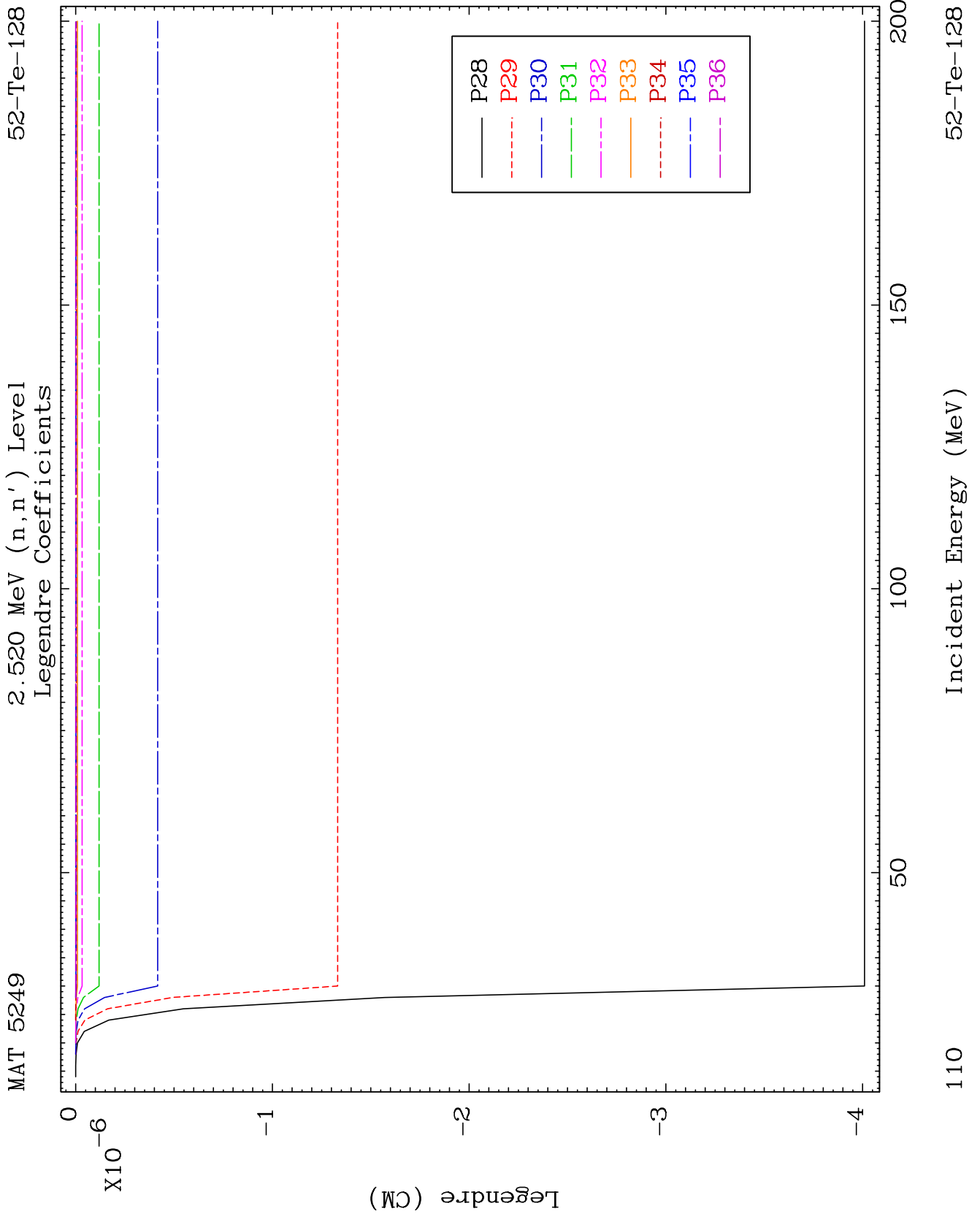


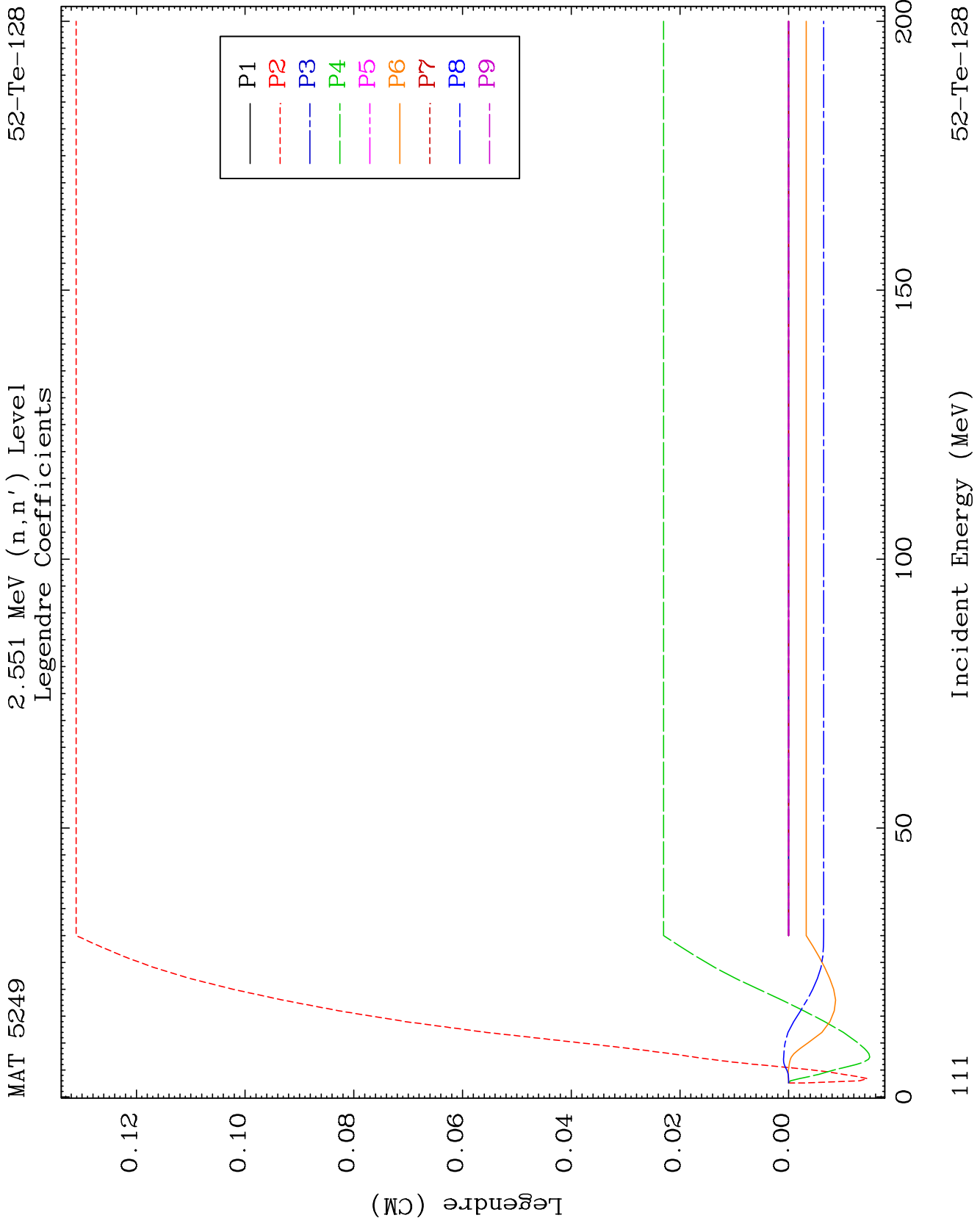
108

Incident Energy (MeV)

52-Te-128





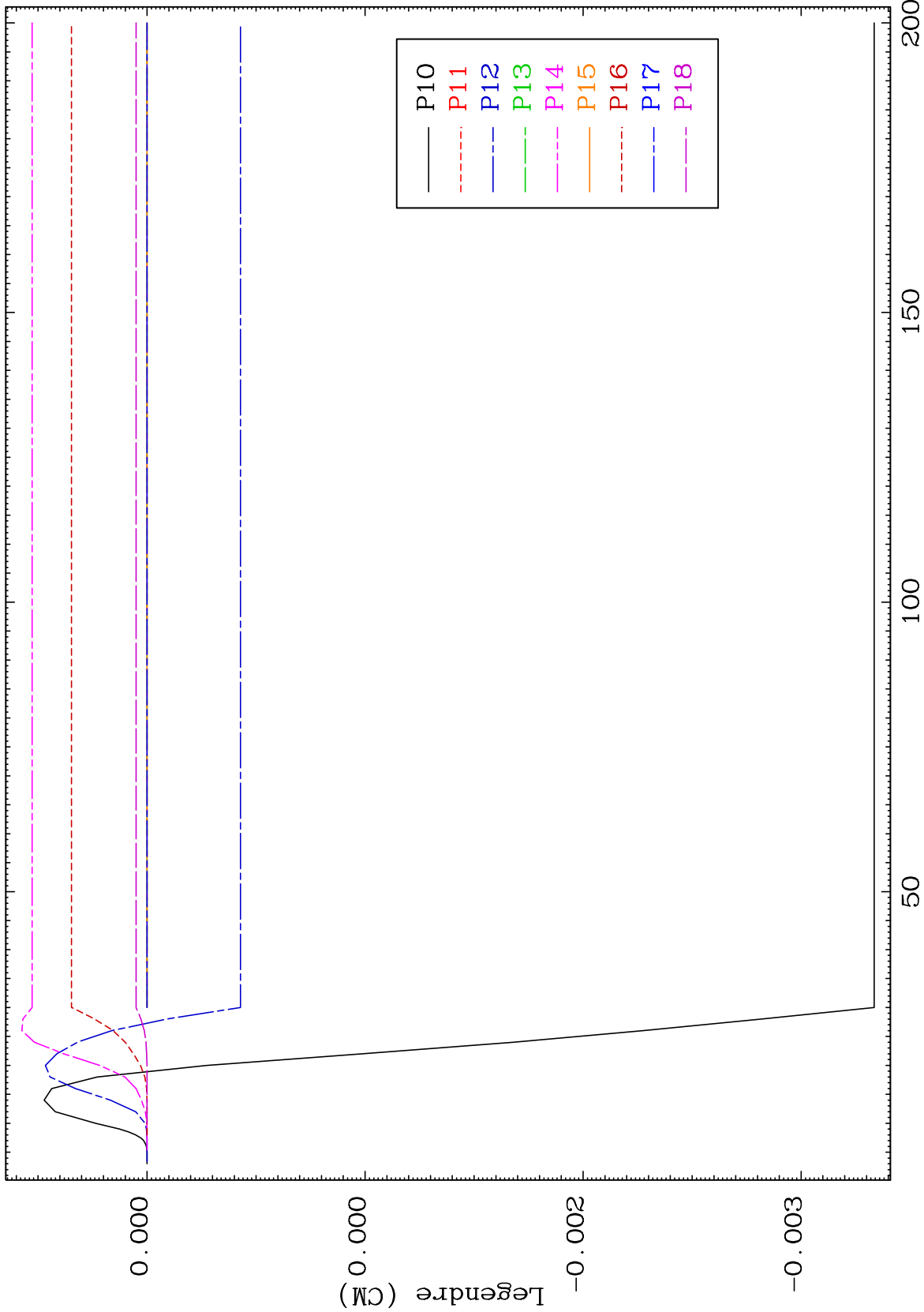




MAT 5249

2.551 MeV (n,n') Level  
Legendre Coefficients

52-Te-128



112

Incident Energy (MeV)

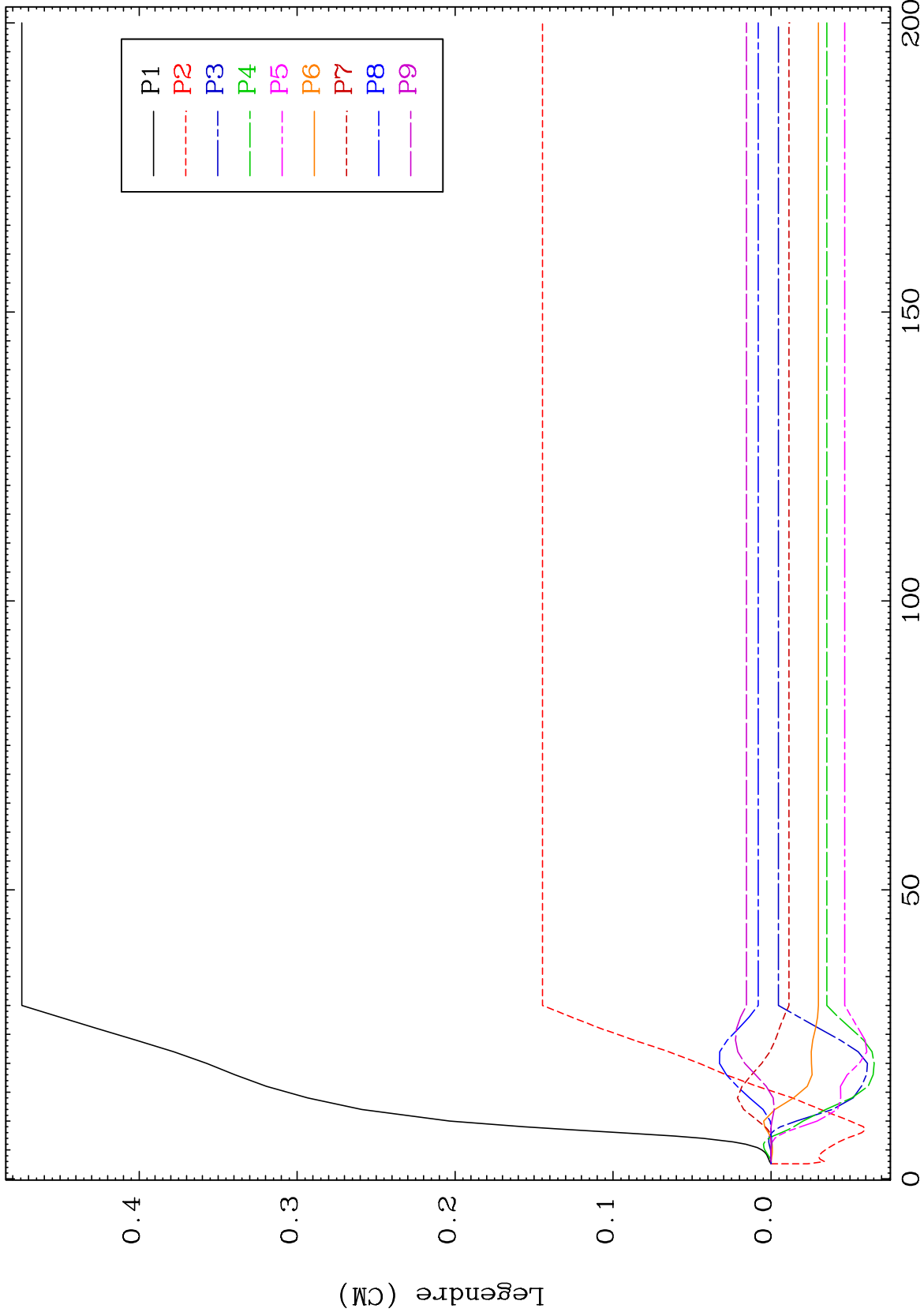
52-Te-128



MAT 5249

2.571 MeV (n,n') Level  
Legendre Coefficients

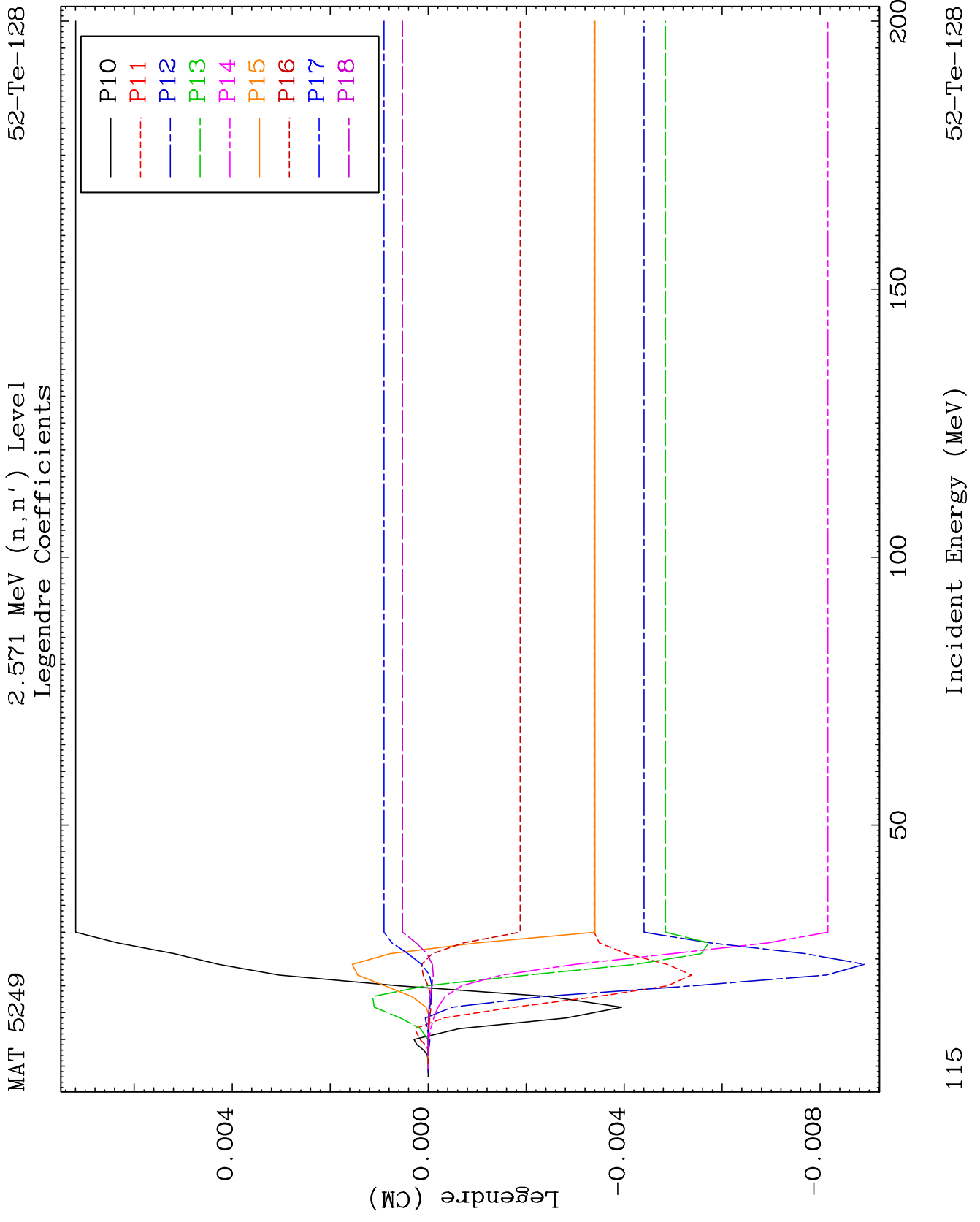
52-Te-128



114

Incident Energy (MeV)

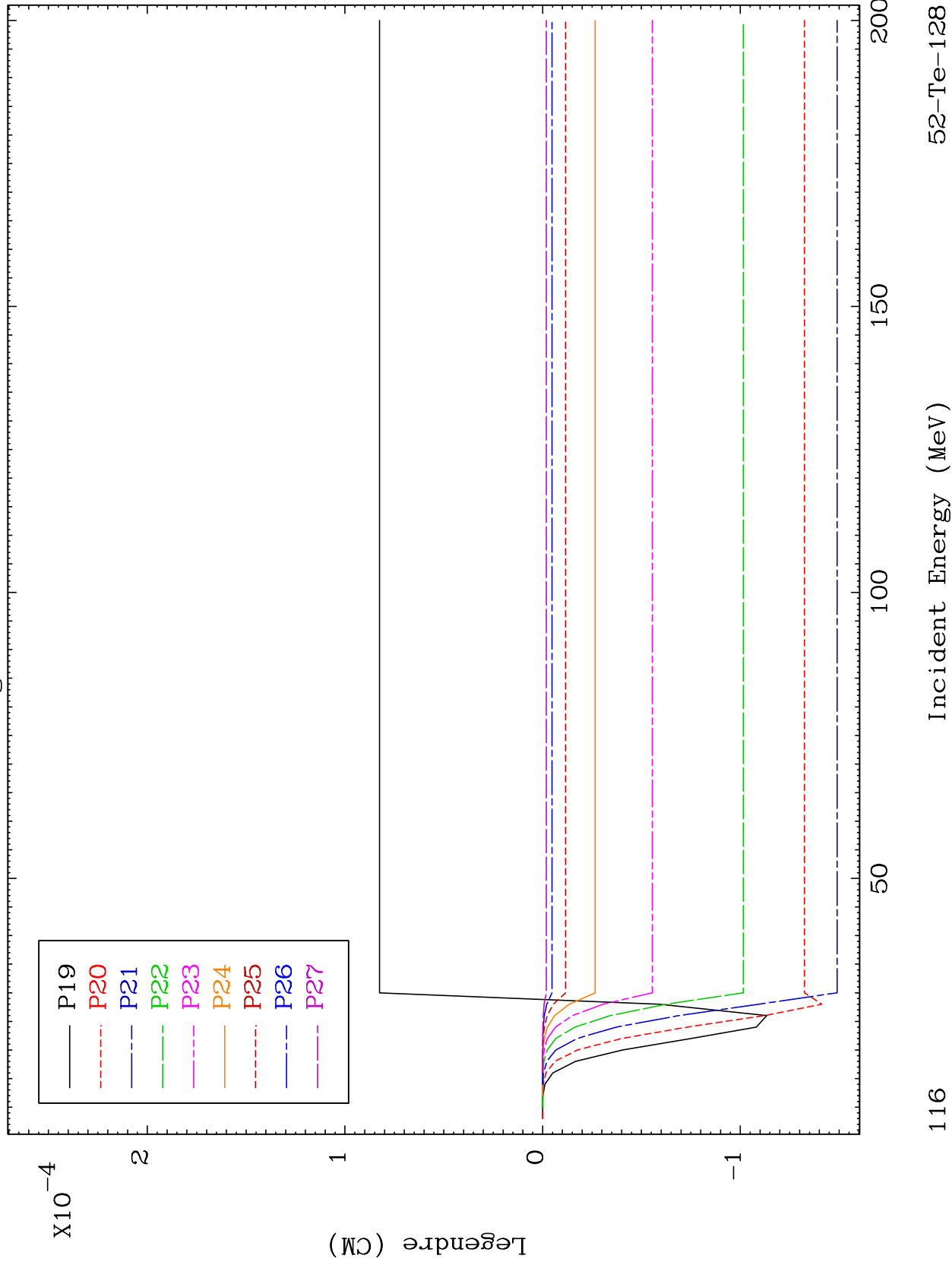
52-Te-128



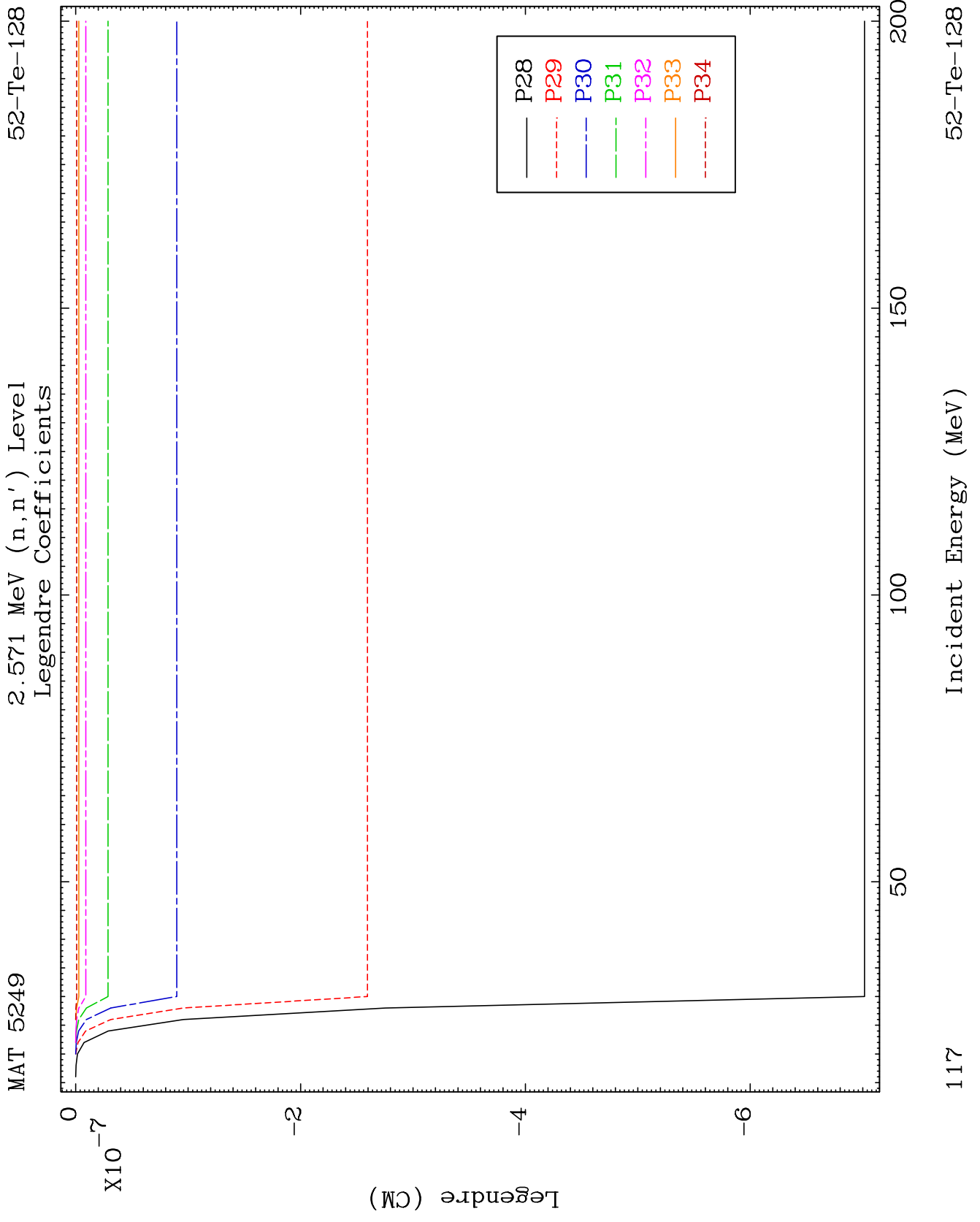
MAT 5249

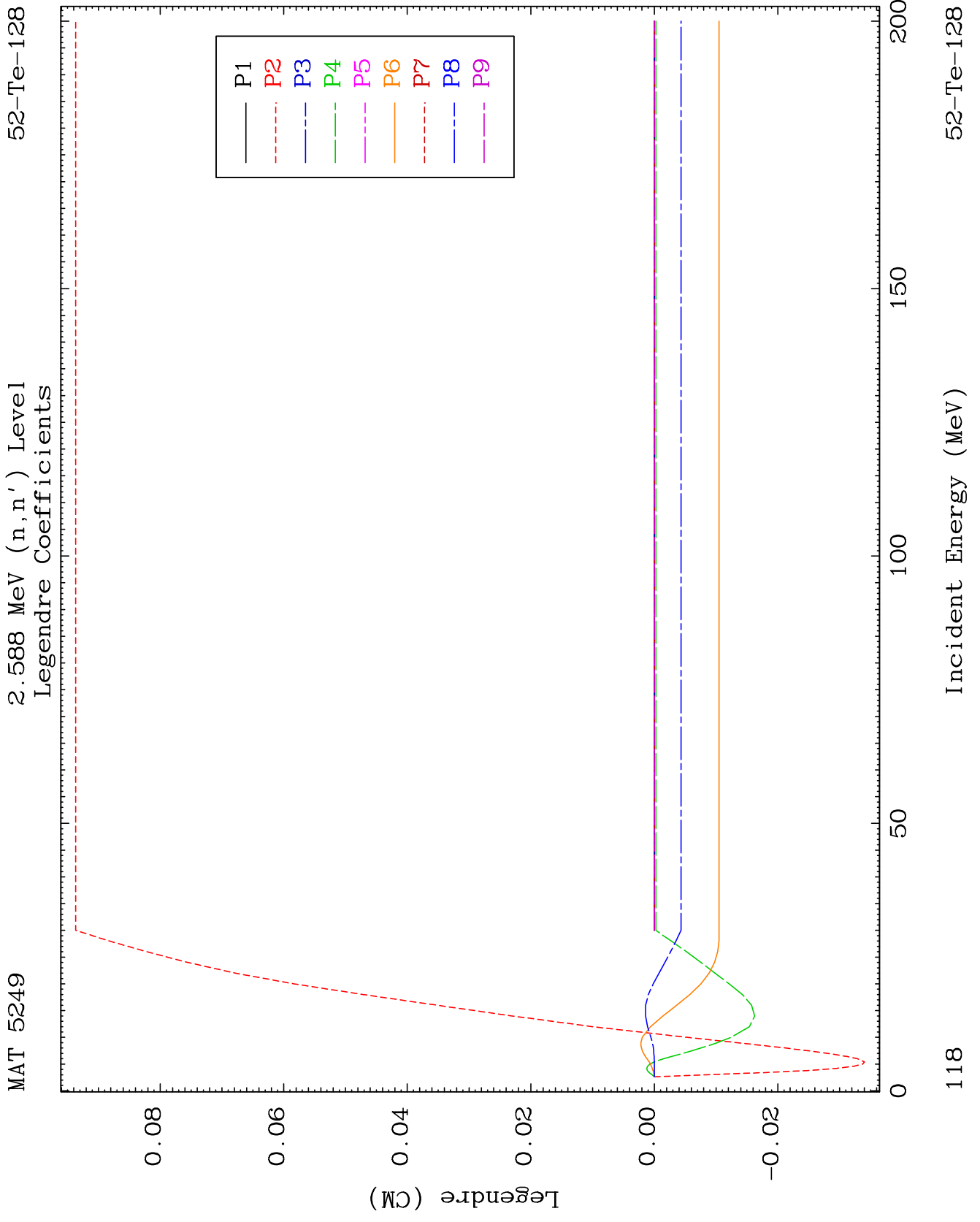
2.571 MeV (n, n') Level  
Legendre Coefficients

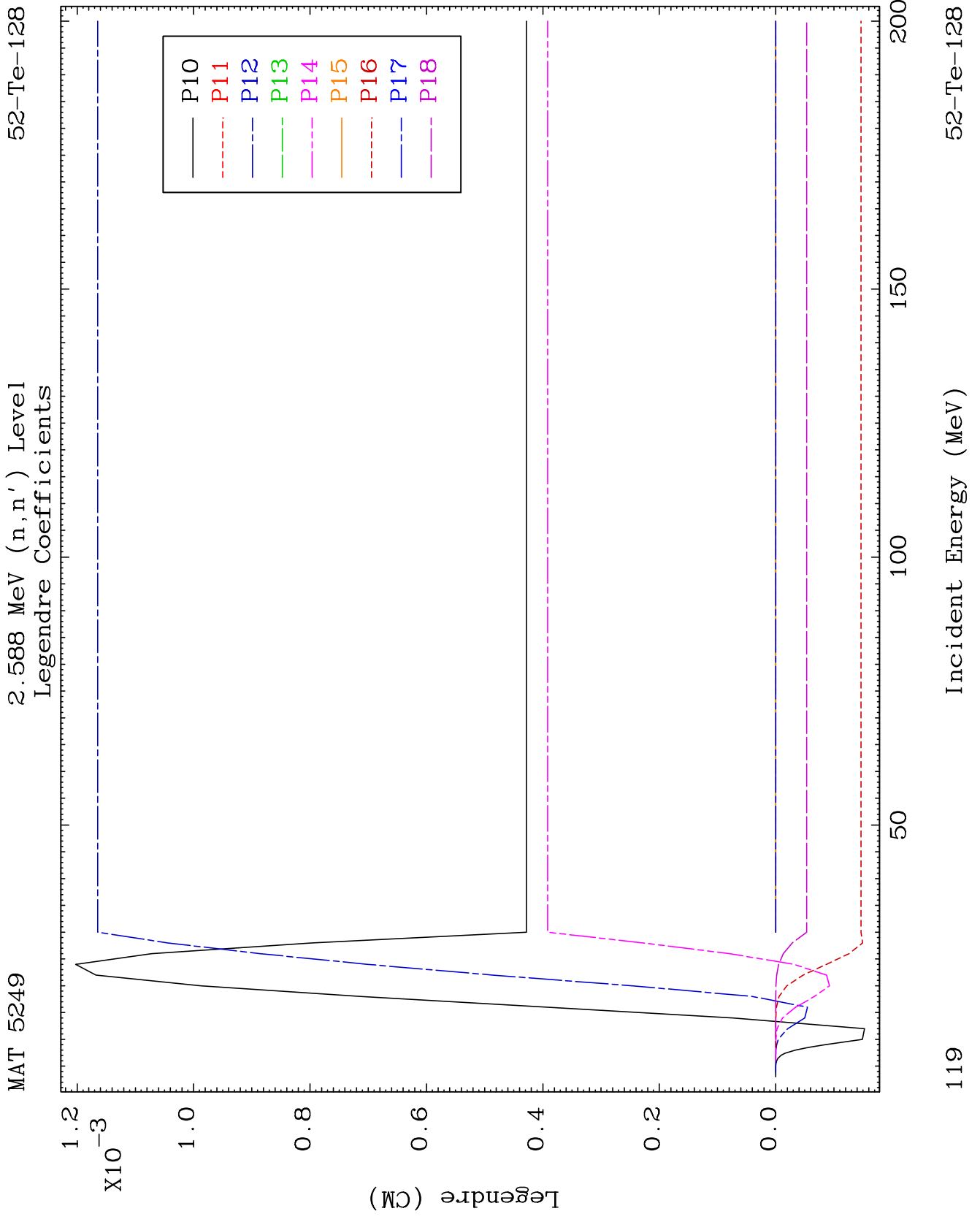
52-Te-128



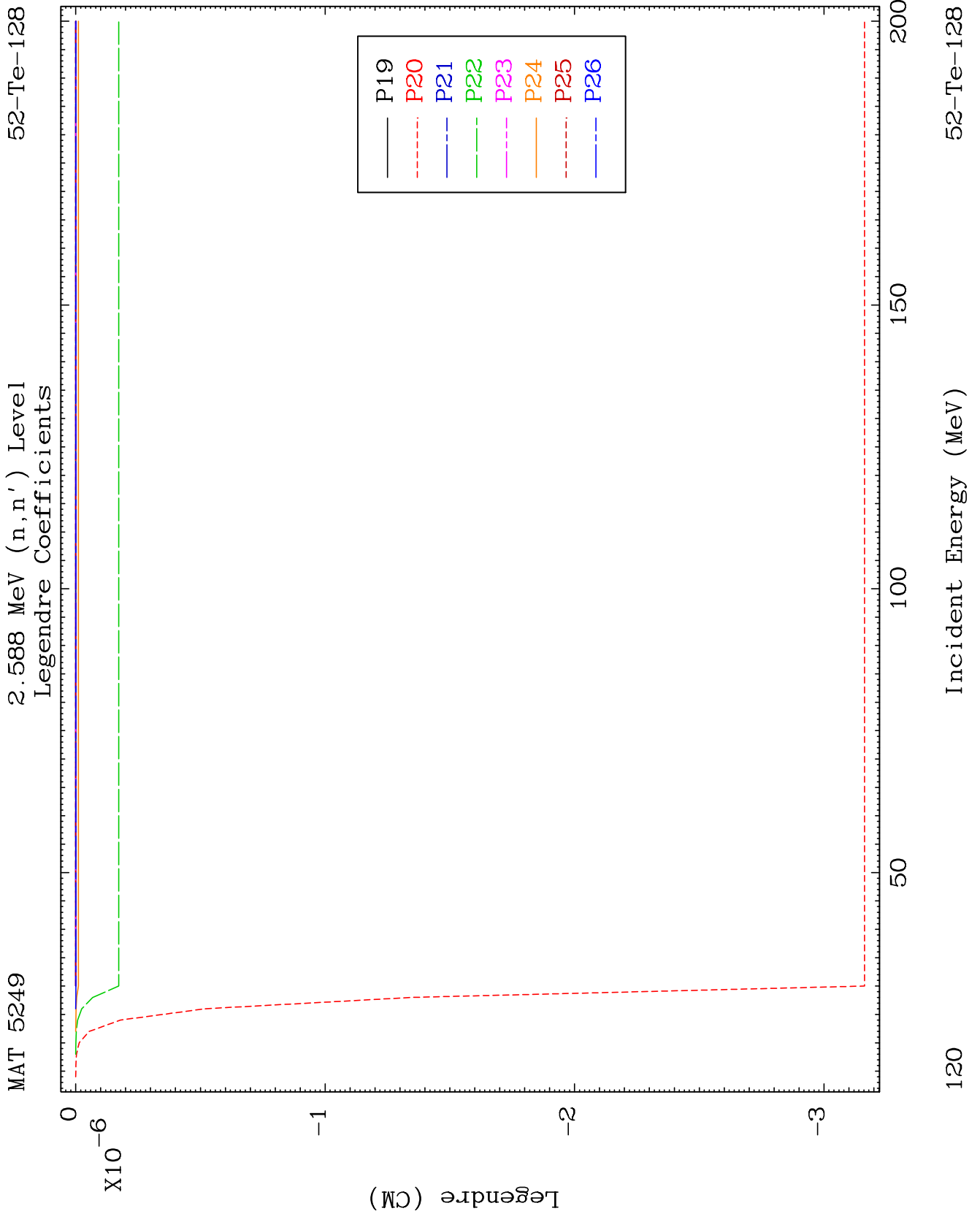
116

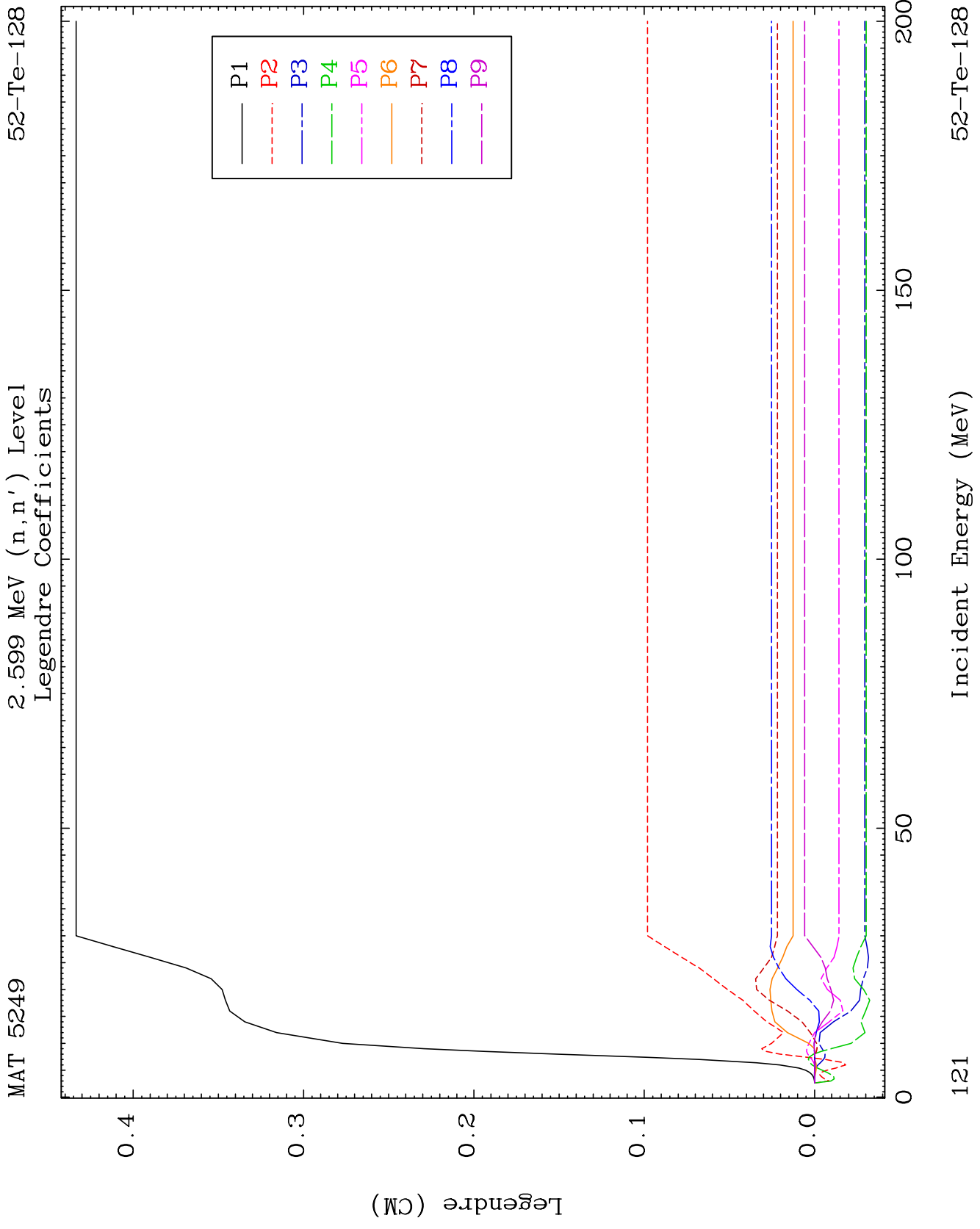








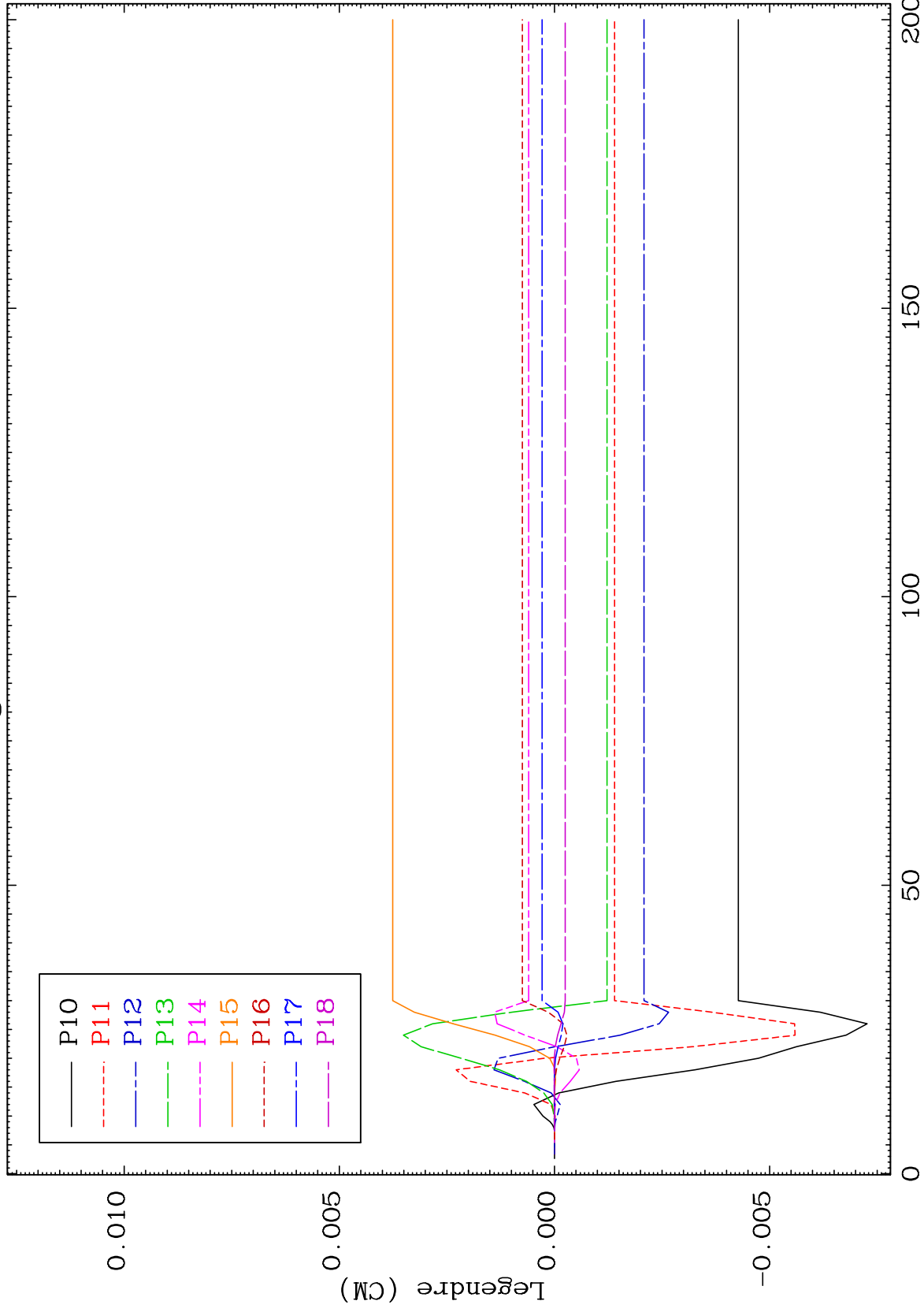




MAT 5249

2.599 MeV (n,n') Level  
Legendre Coefficients

52-Te-128

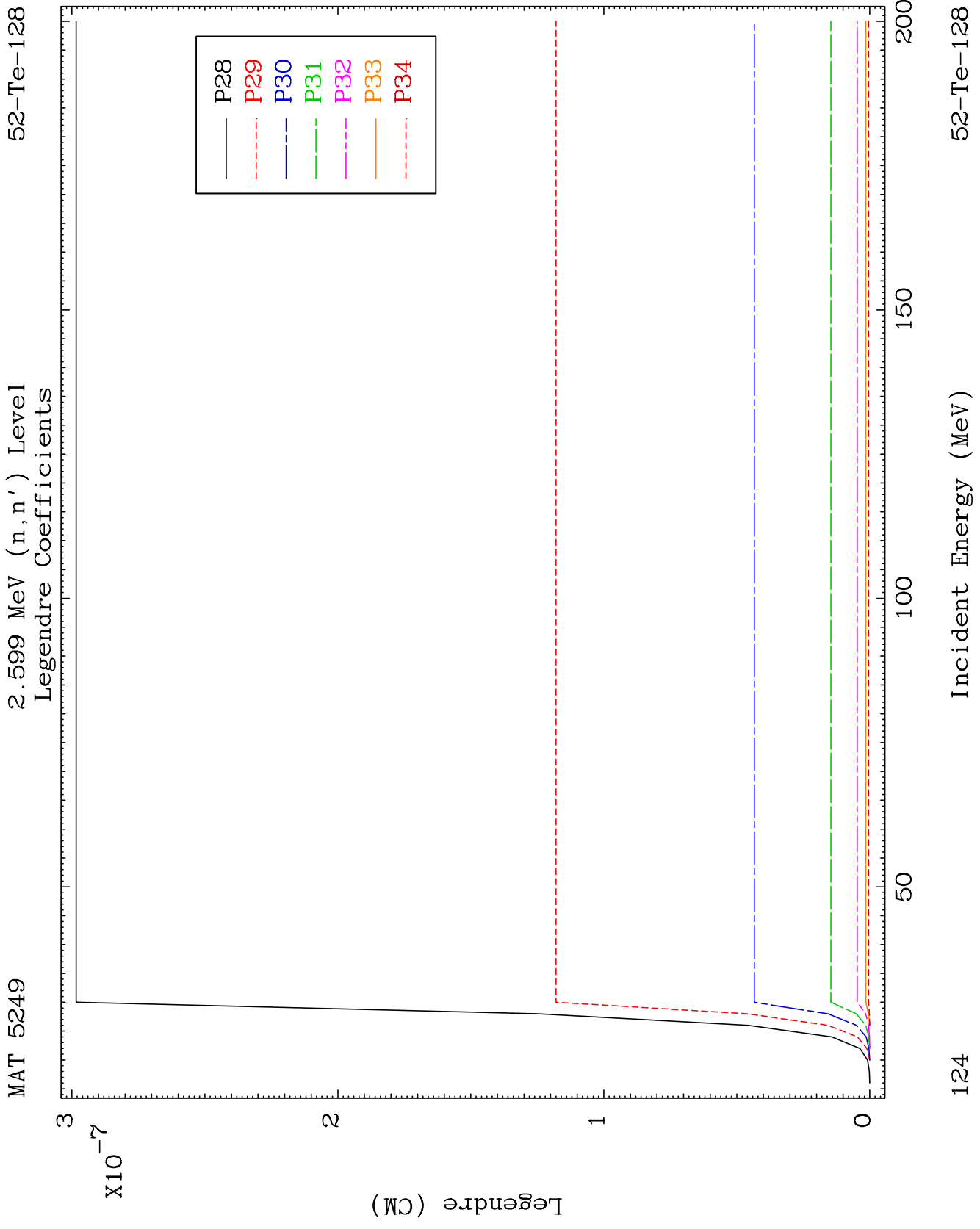


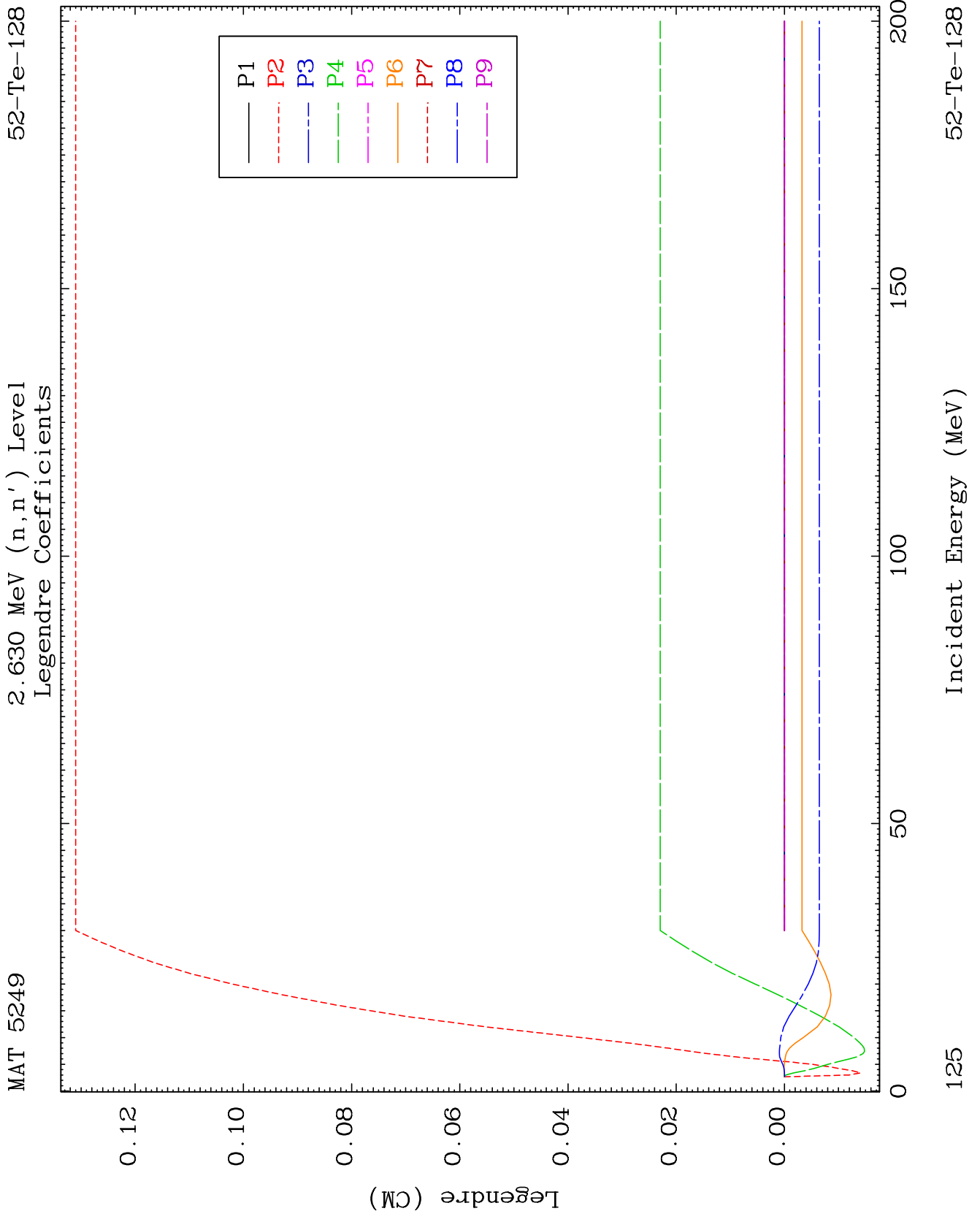
122

Incident Energy (MeV)

52-Te-128



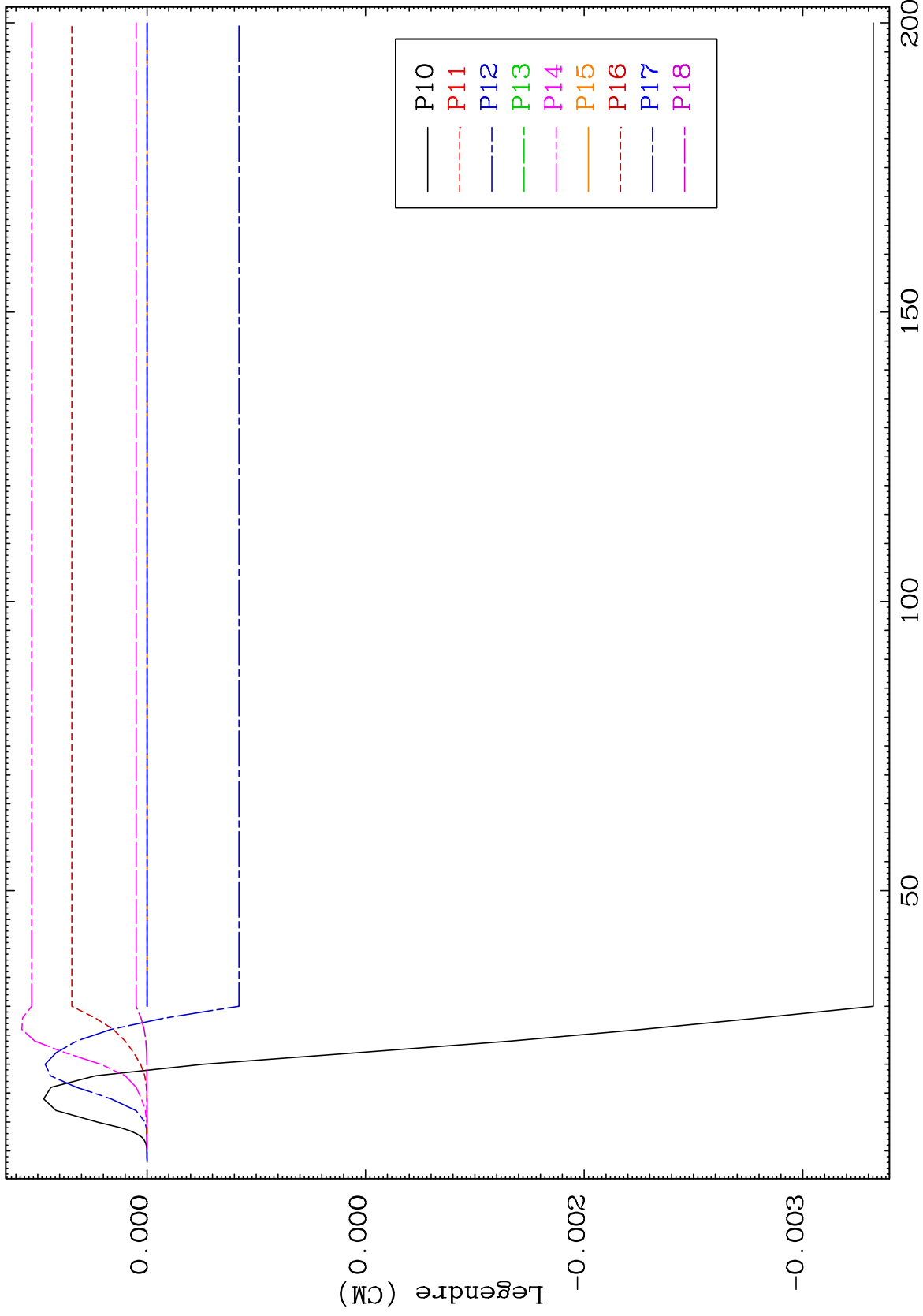




MAT 5249

2.630 MeV (n,n') Level  
Legendre Coefficients

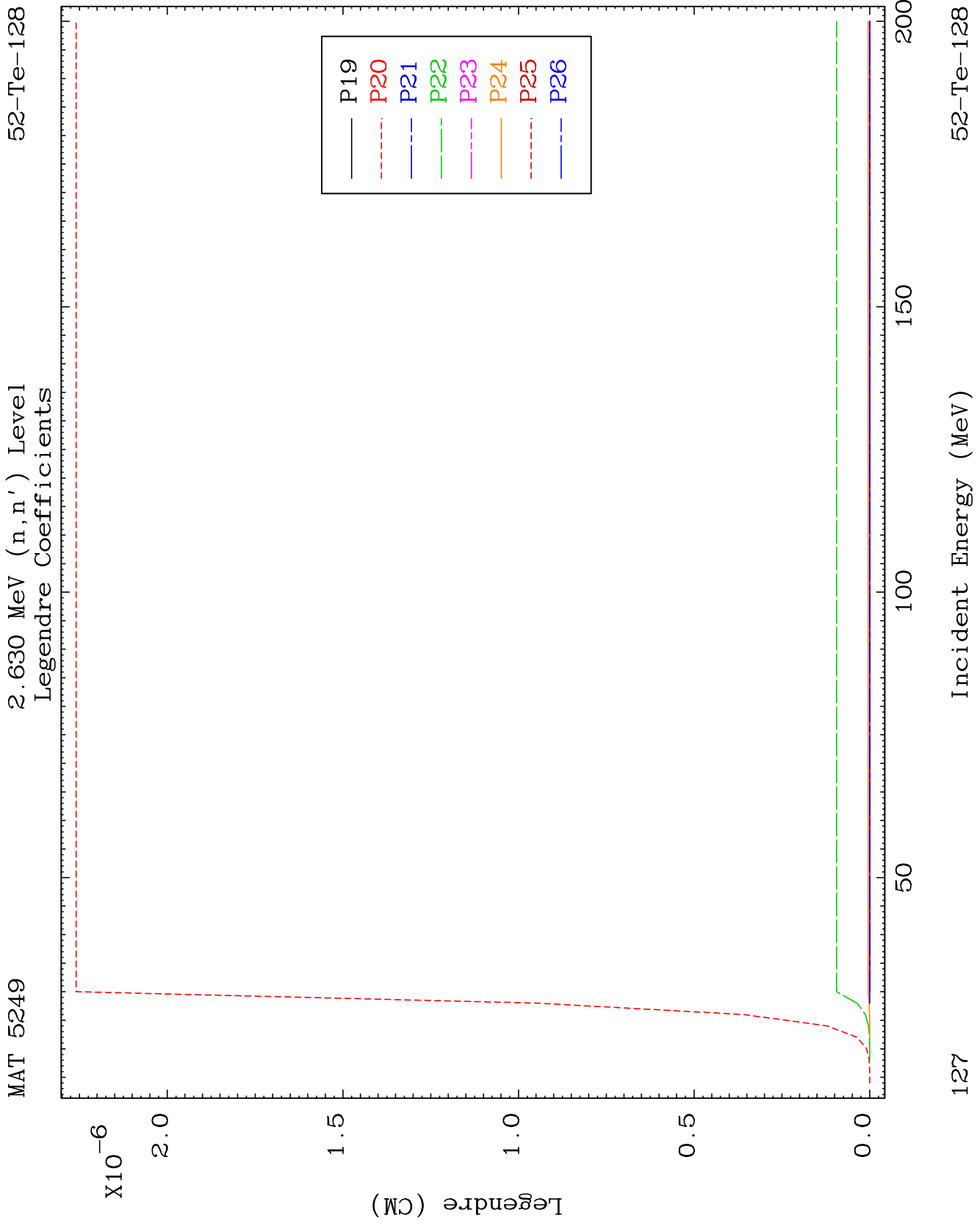
52-Te-128



126

Incident Energy (MeV)

52-Te-128

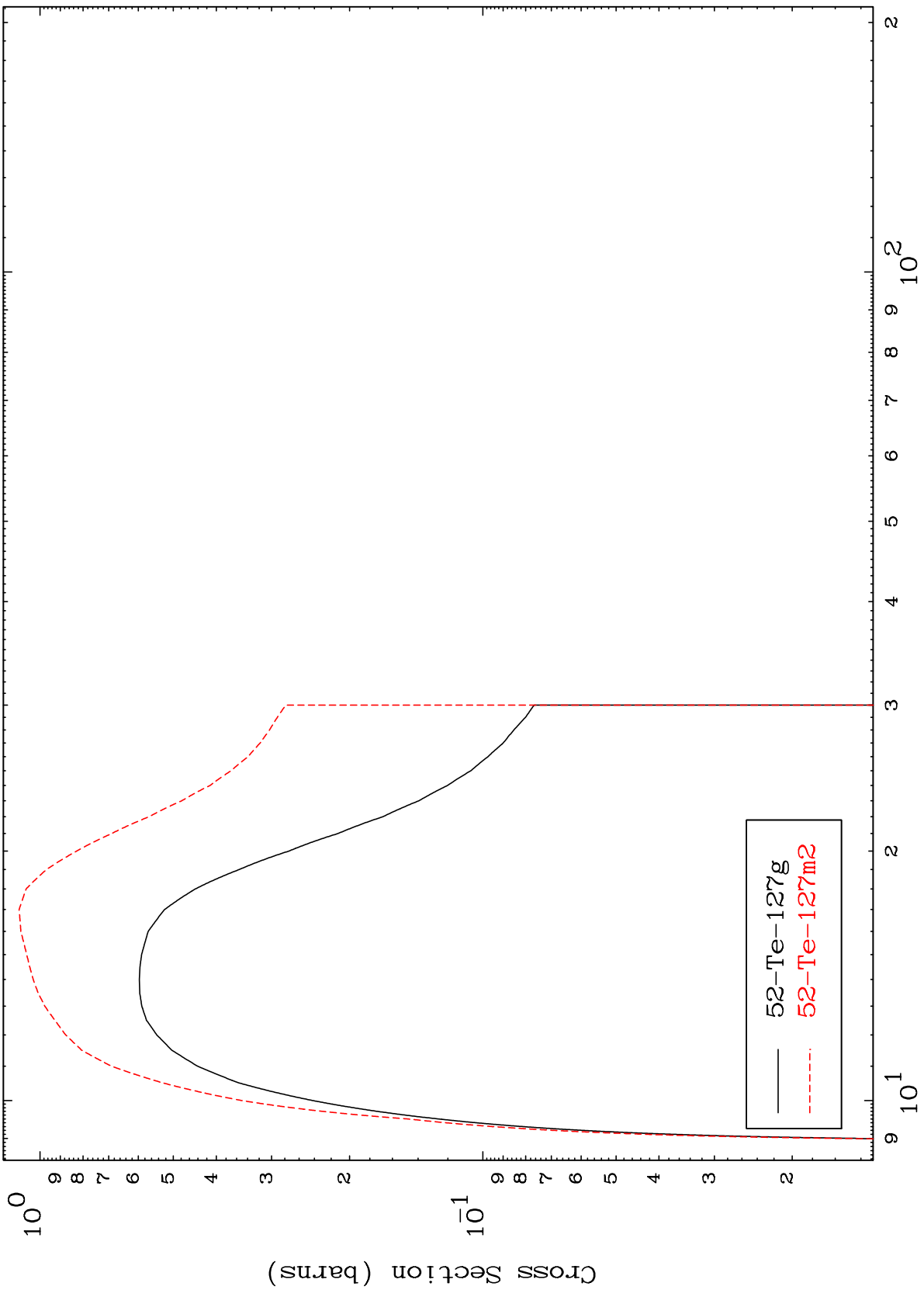




MAT 5249

52-Te-128

(n,2n)  
Radionuclide Production Cross Section



— 52-Te-127g  
- - - 52-Te-127m2

52-Te-128

Incident Energy (MeV)

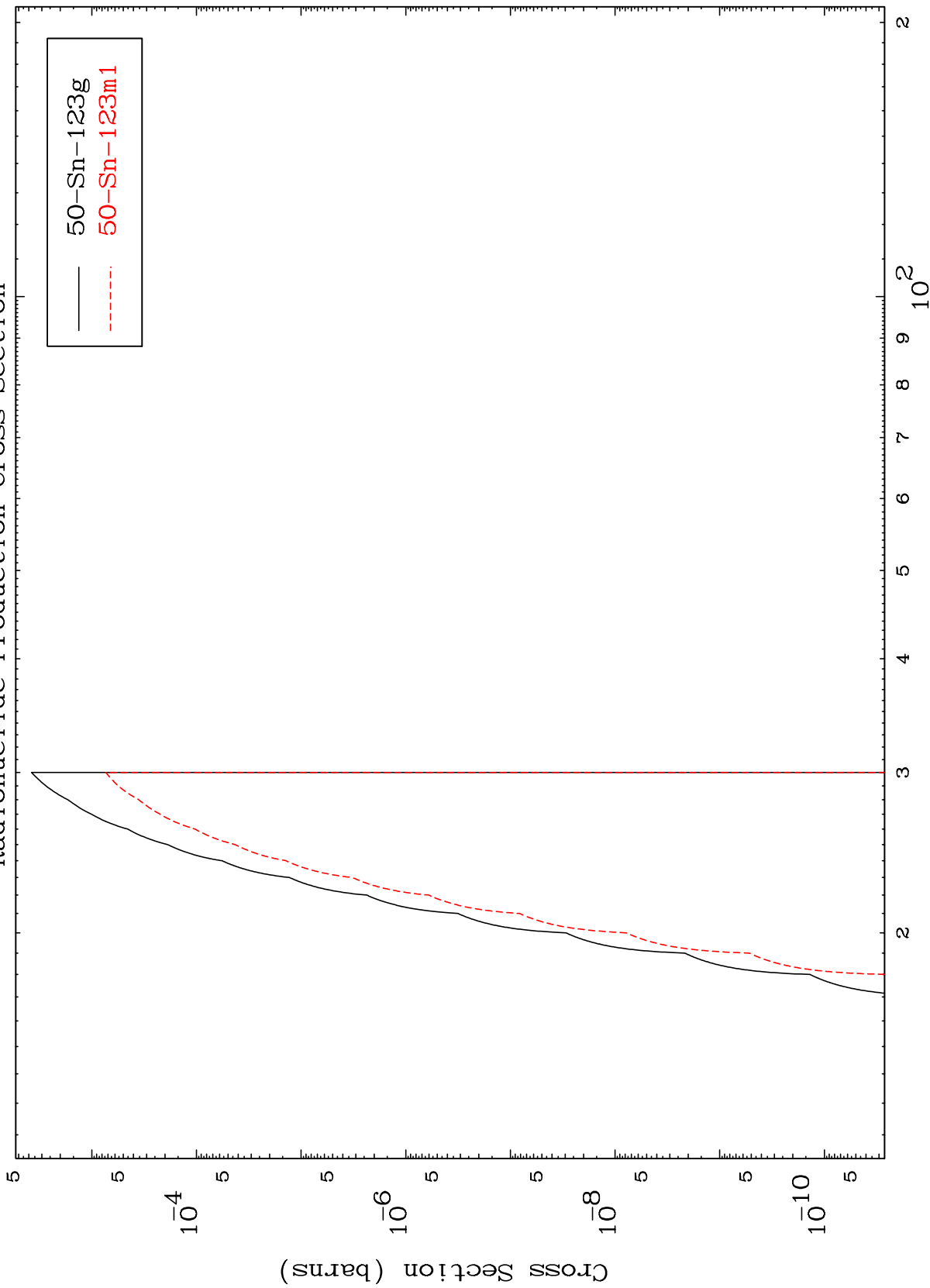
128

MAT 5249

$(n,2n) \alpha$

52-Te-128

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

129

Incident Energy (MeV)

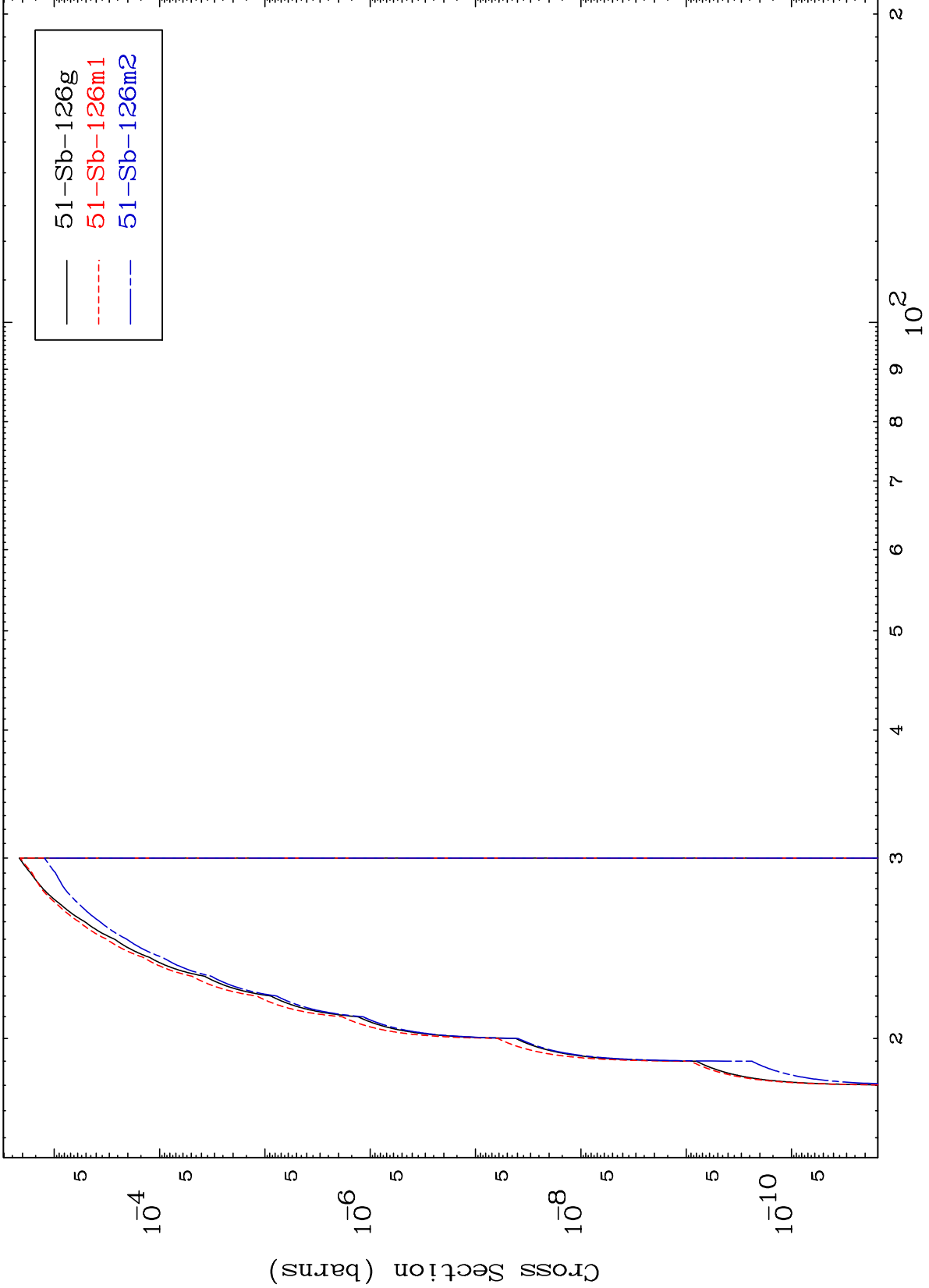
52-Te-128

MAT 5249

(n,n') d

52-Te-128

Radionuclide Production Cross Section



130

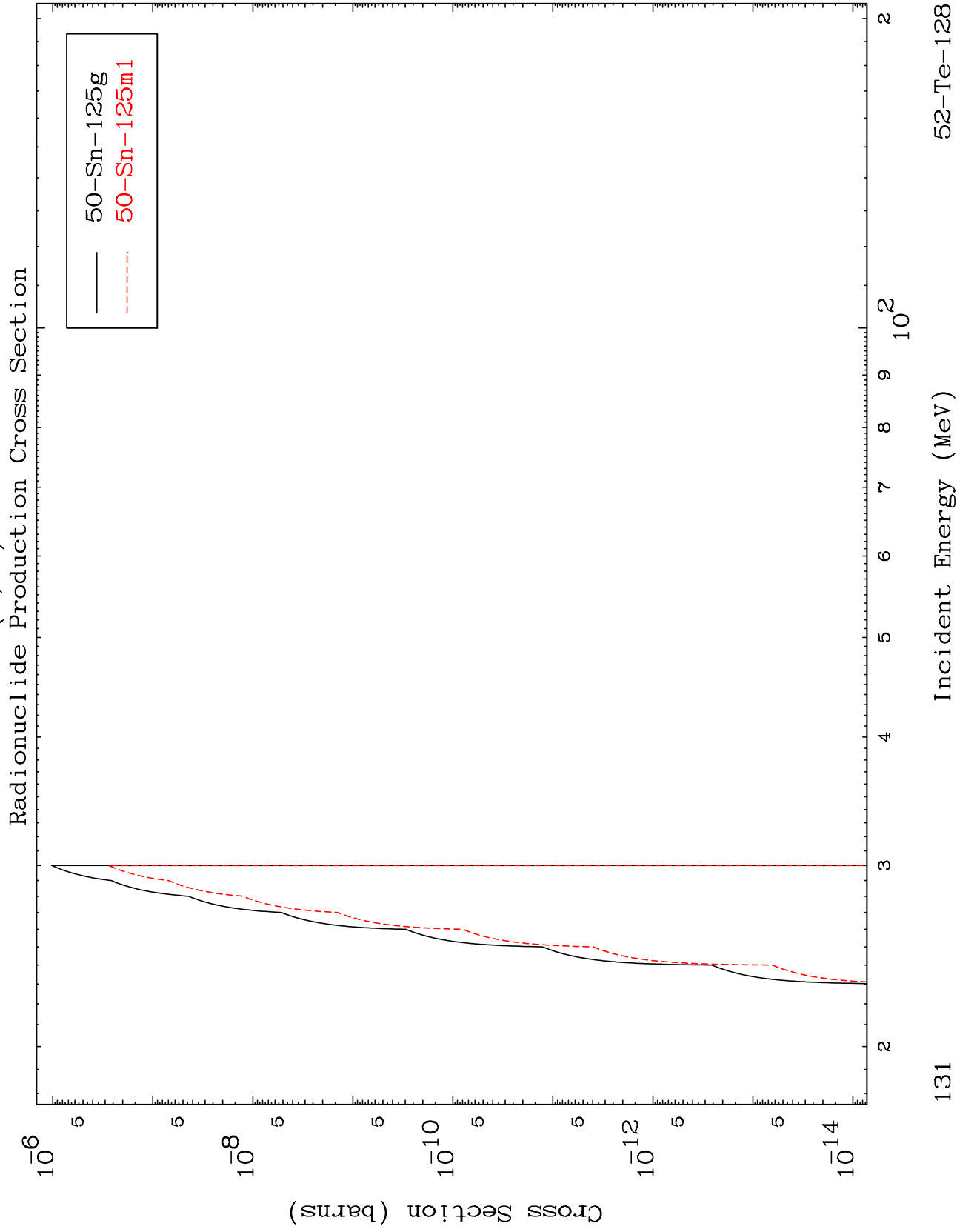
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,n') He-3

52-Te-128



131

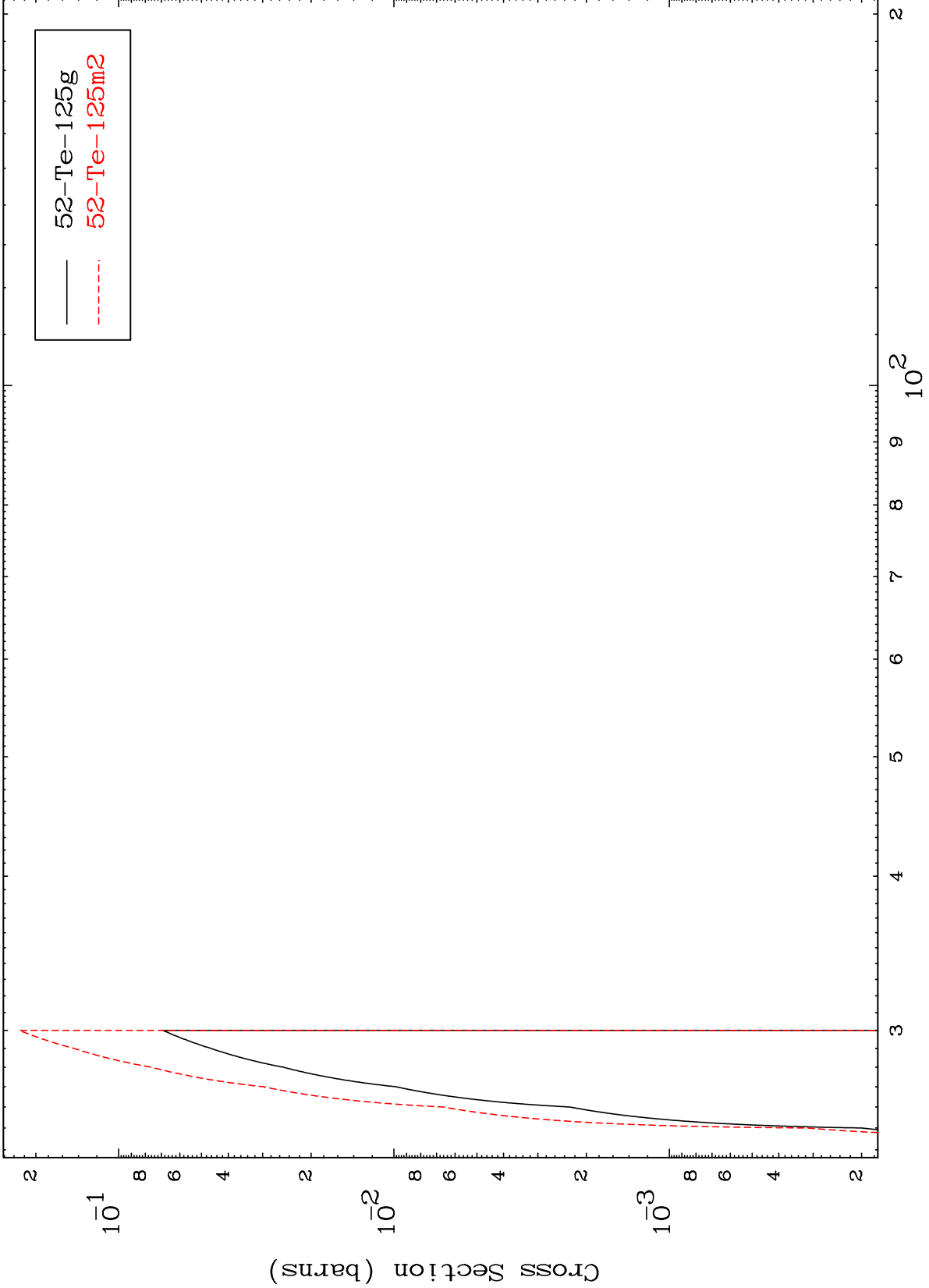
52-Te-128

MAT 5249

(n,4n)

52-Te-128

Radionuclide Production Cross Section



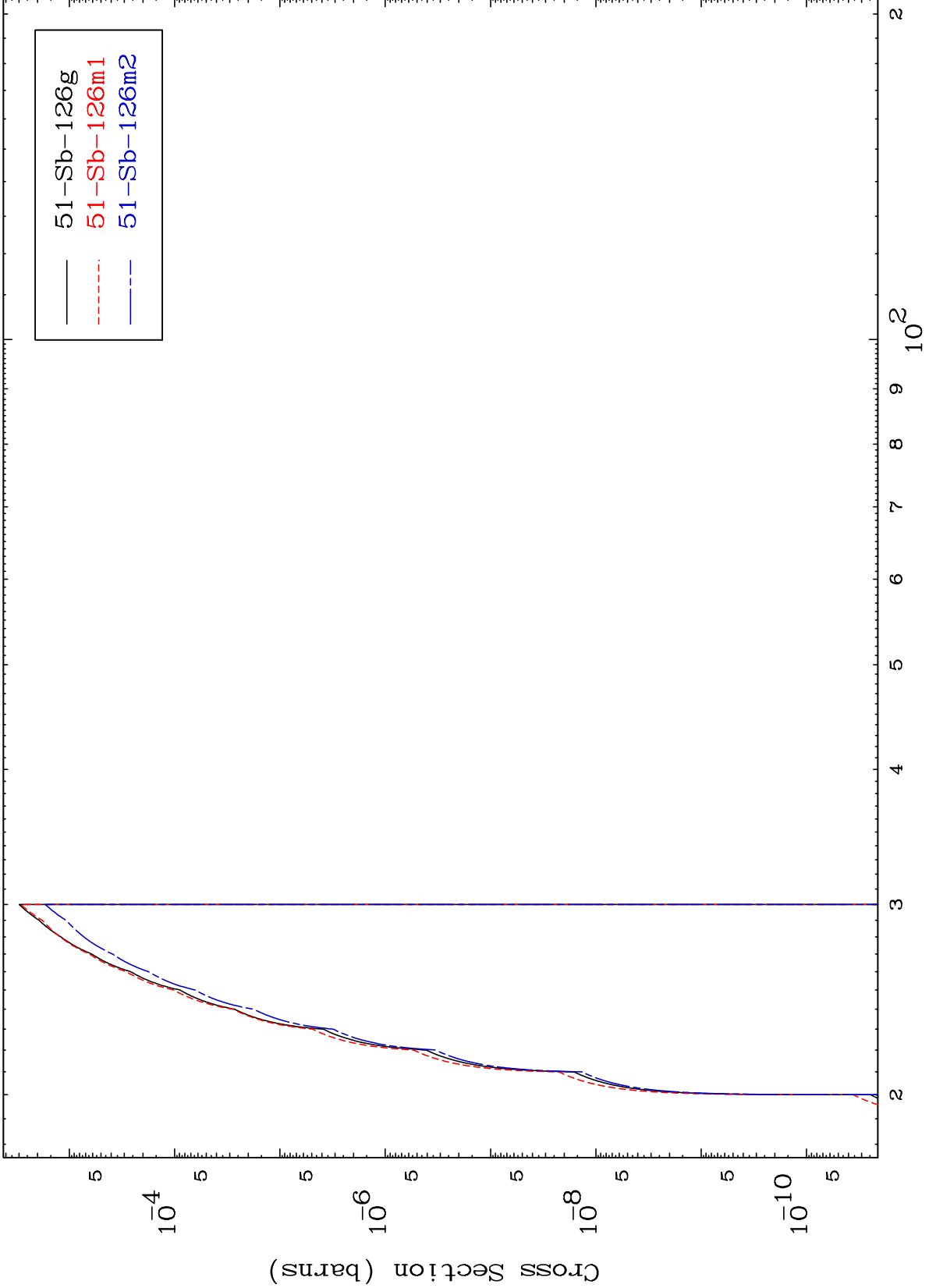
52-Te-125g  
52-Te-125m2

132

Incident Energy (MeV)

52-Te-128

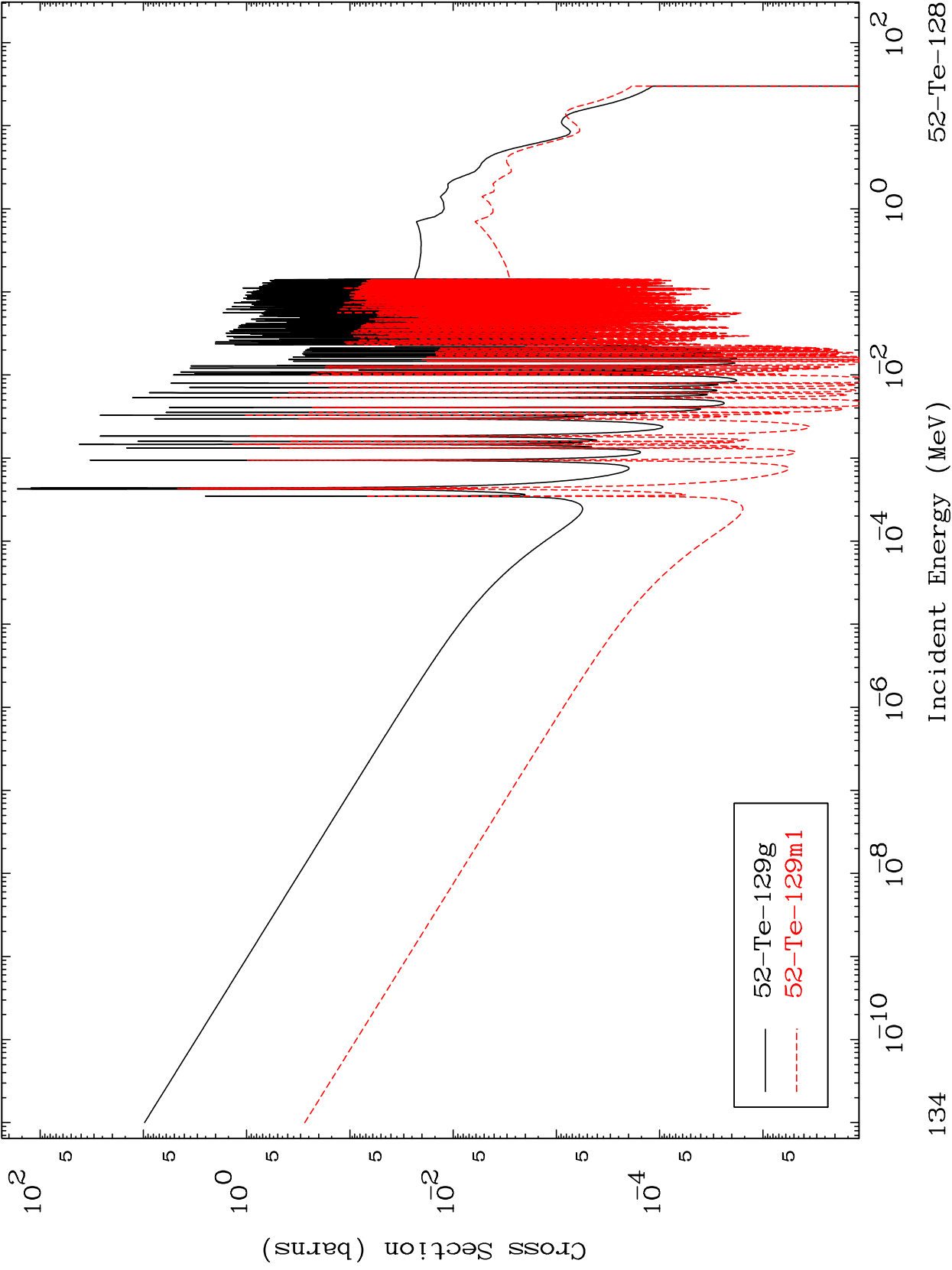
Radionuclide Production Cross Section



MAT 5249

52-Te-128

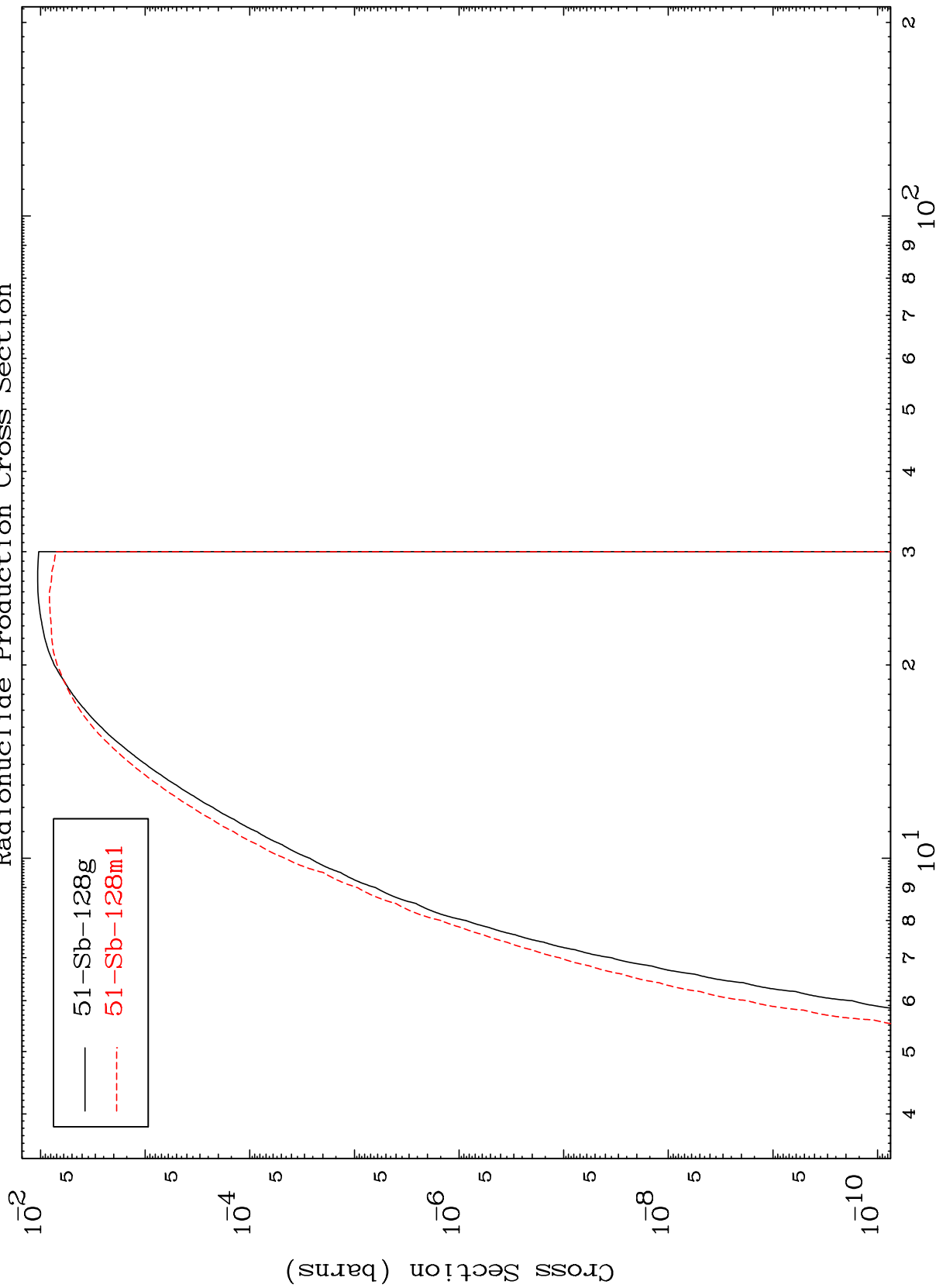
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 5249

52-Te-128

Radionuclide Production Cross Section (n,p)



135

Incident Energy (MeV)

52-Te-128

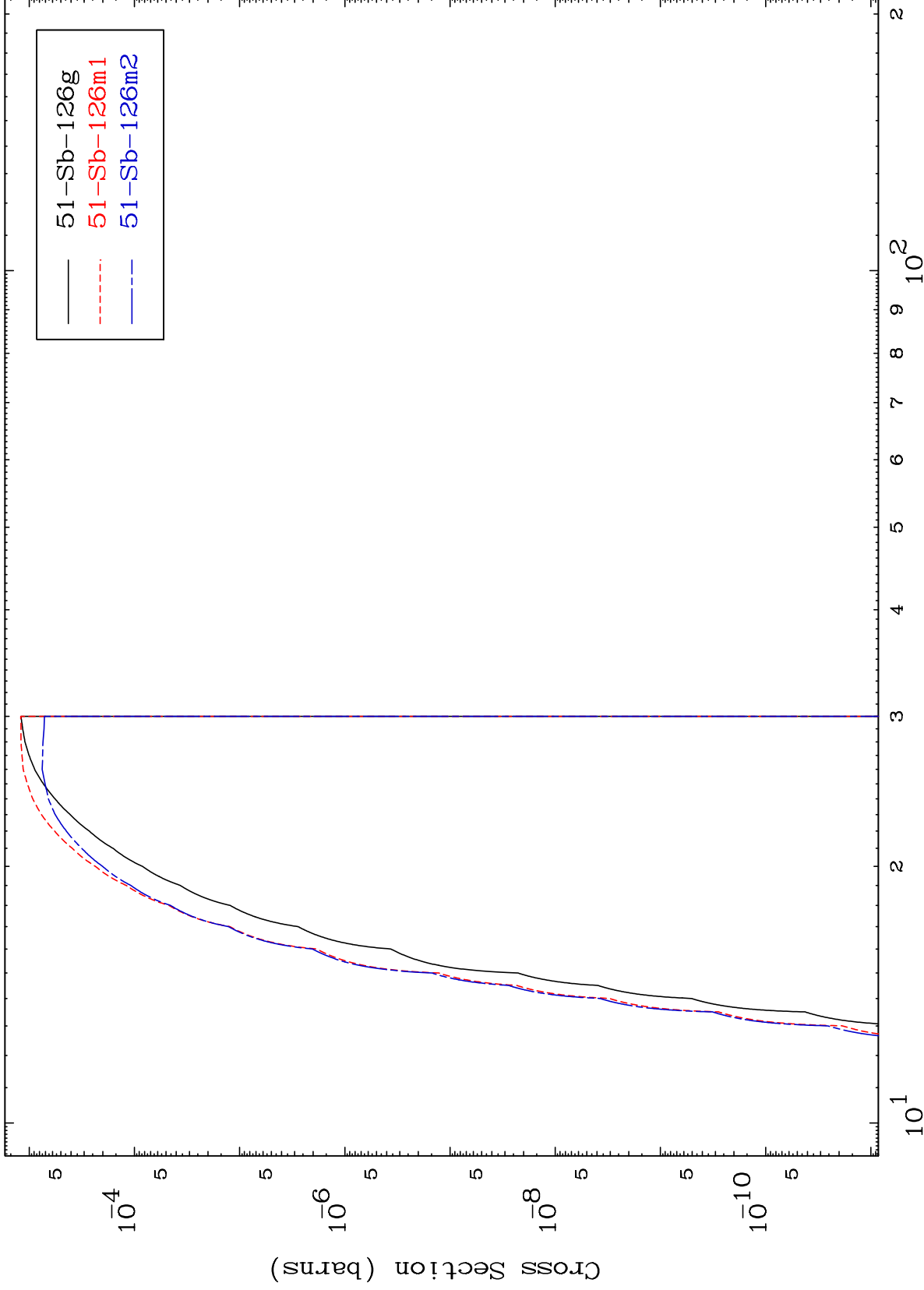


MAT 5249

(n,t)

52-Te-128

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-128

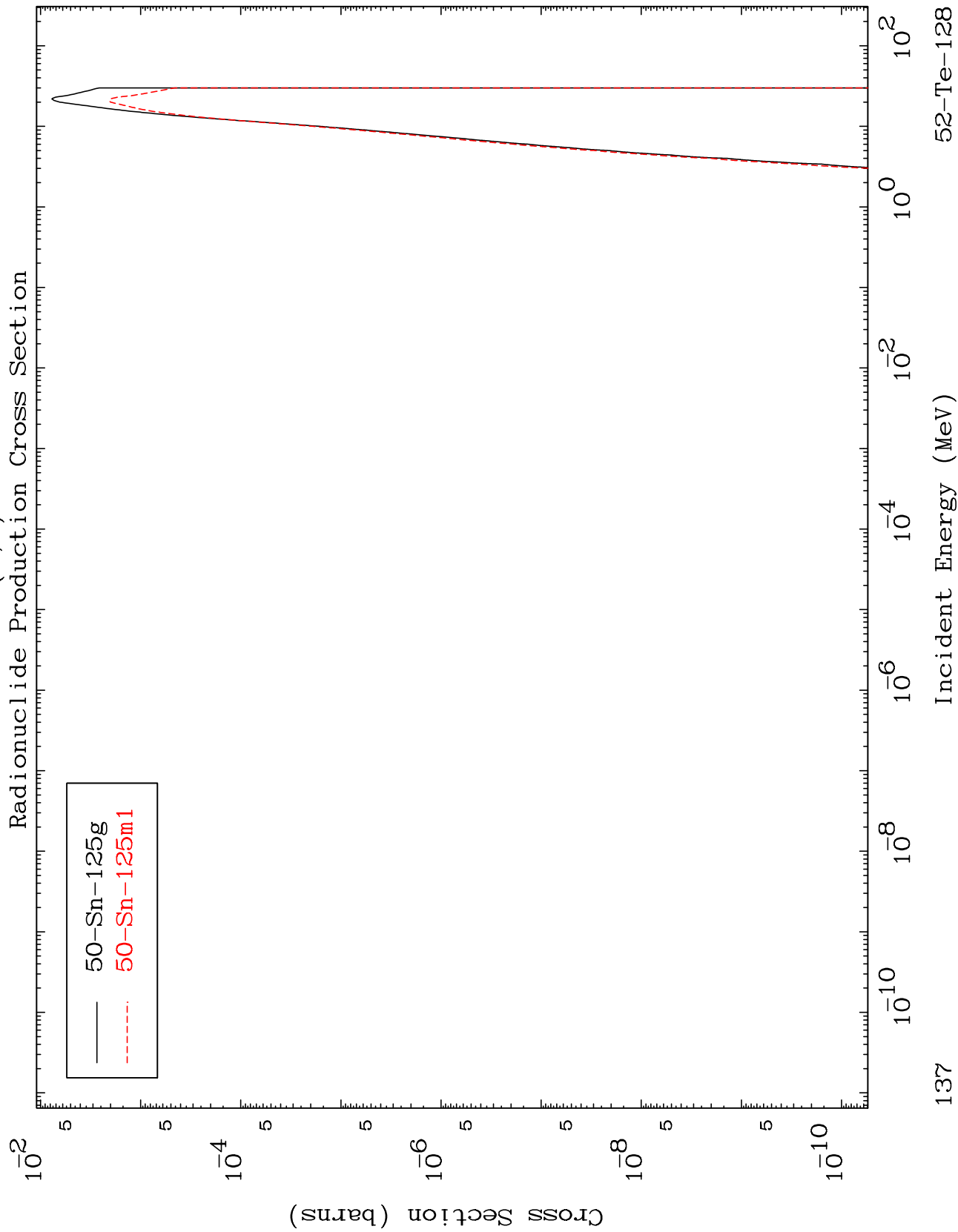
136

MAT 5249

52-Te-128

Radionuclide Production Cross Section

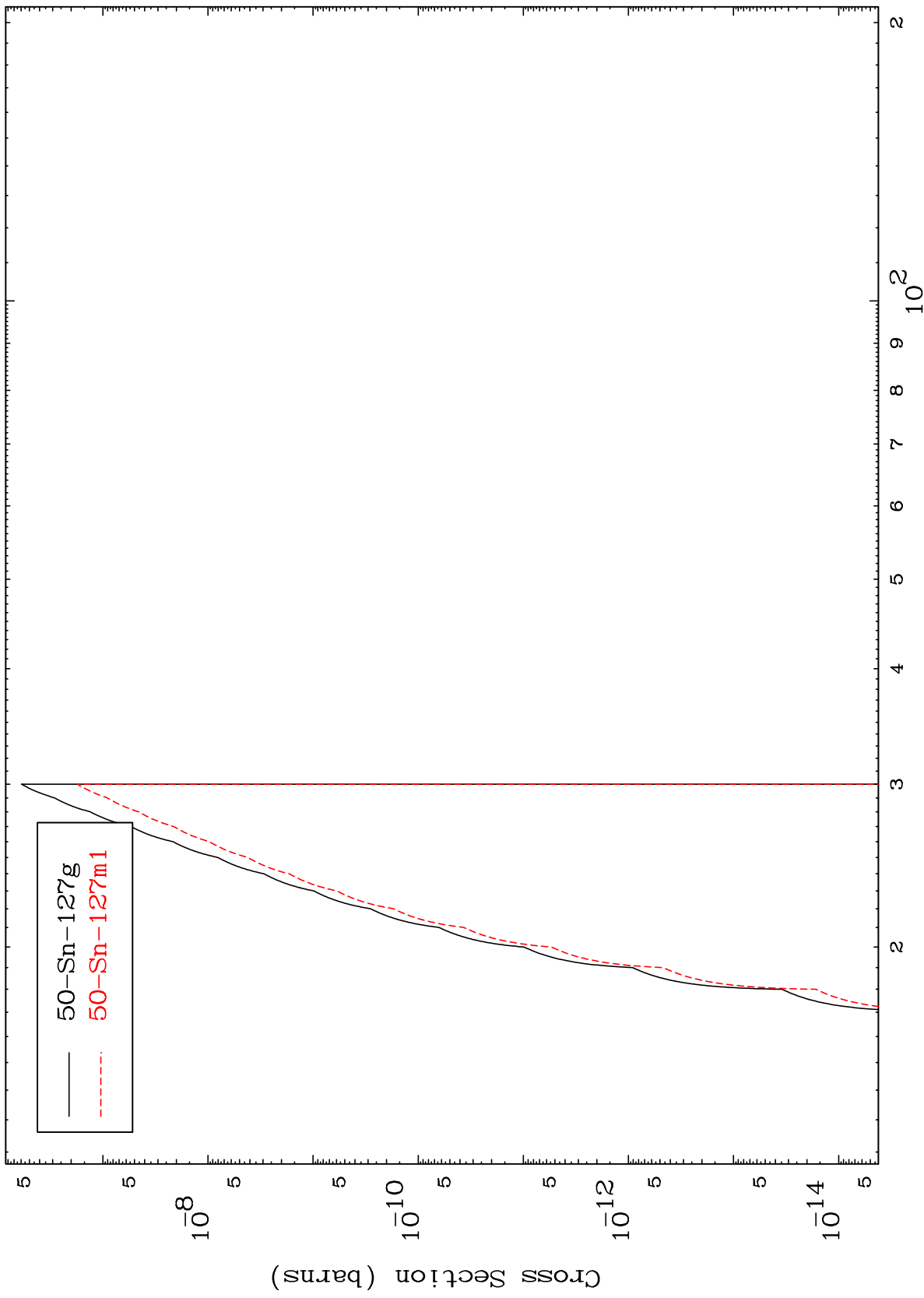
(n,  $\alpha$ )



MAT 5249

52-Te-128

(n,2p)  
Radionuclide Production Cross Section



138

Incident Energy (MeV)

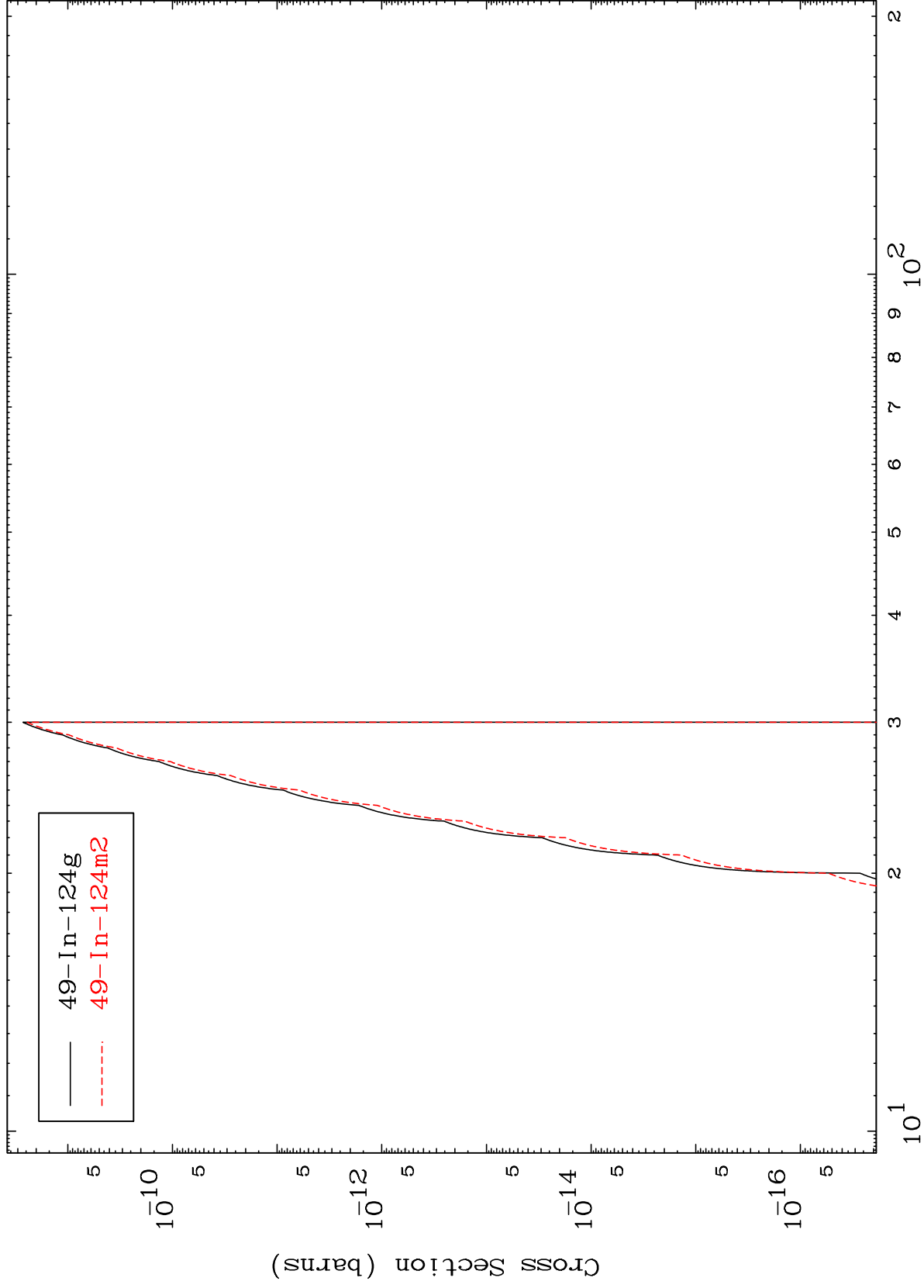
52-Te-128

MAT 5249

(n,p)  $\alpha$

52-Te-128

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-128

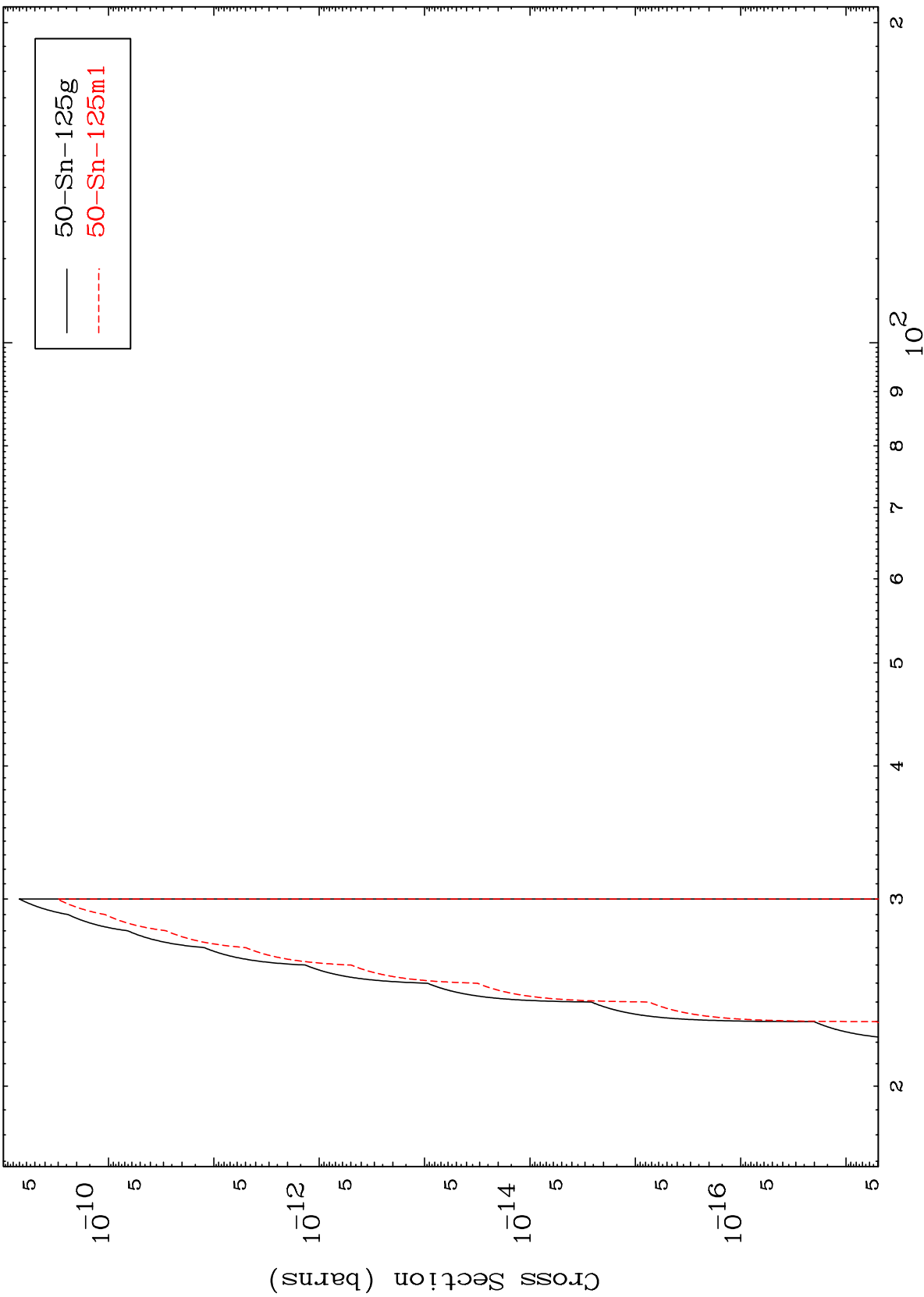
139

MAT 5249

(n,p) t

52-Te-128

Radionuclide Production Cross Section



140

Incident Energy (MeV)

52-Te-128