

Program EVALPLOT  
(Version 2017-1)

by

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(Present Contact Information)

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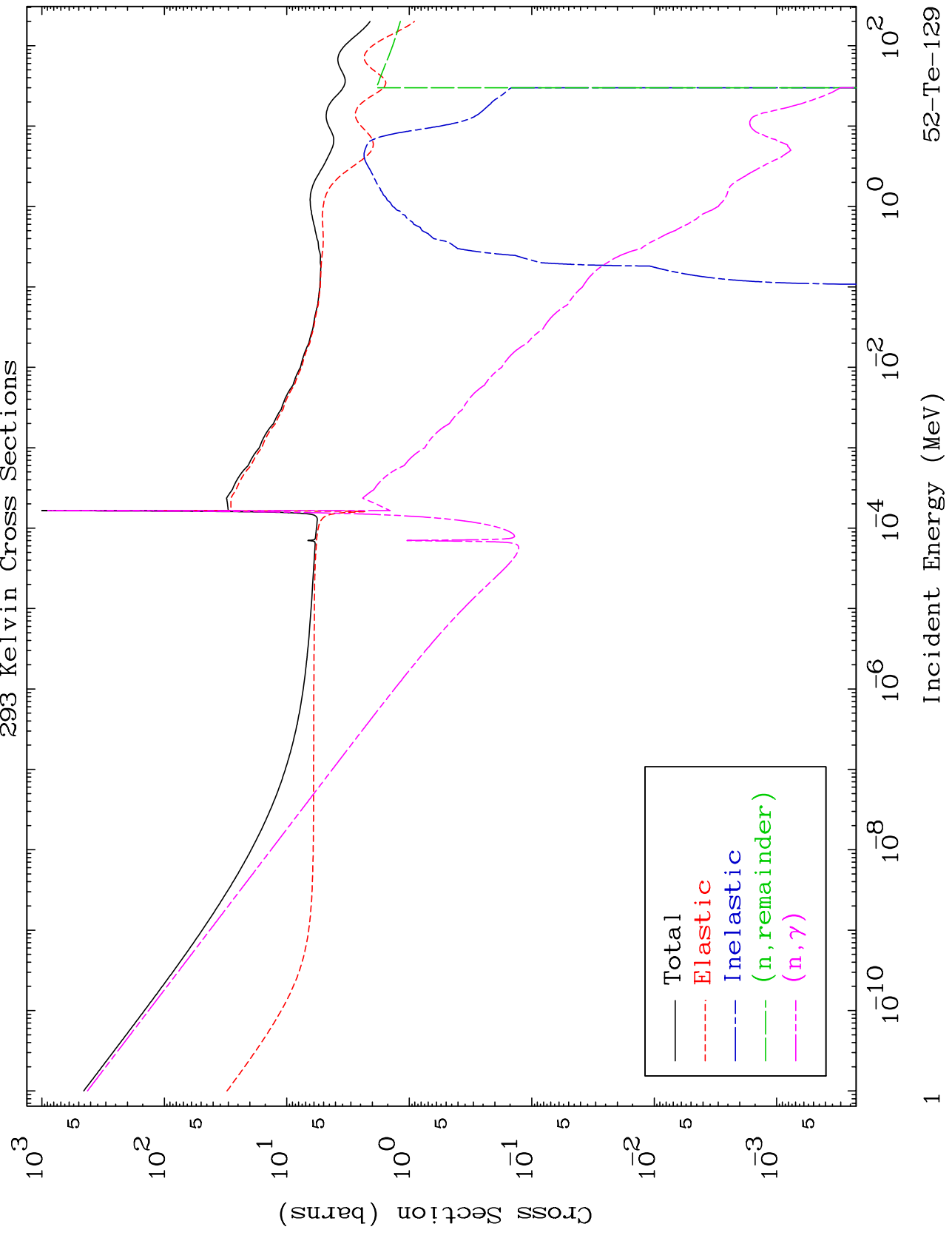
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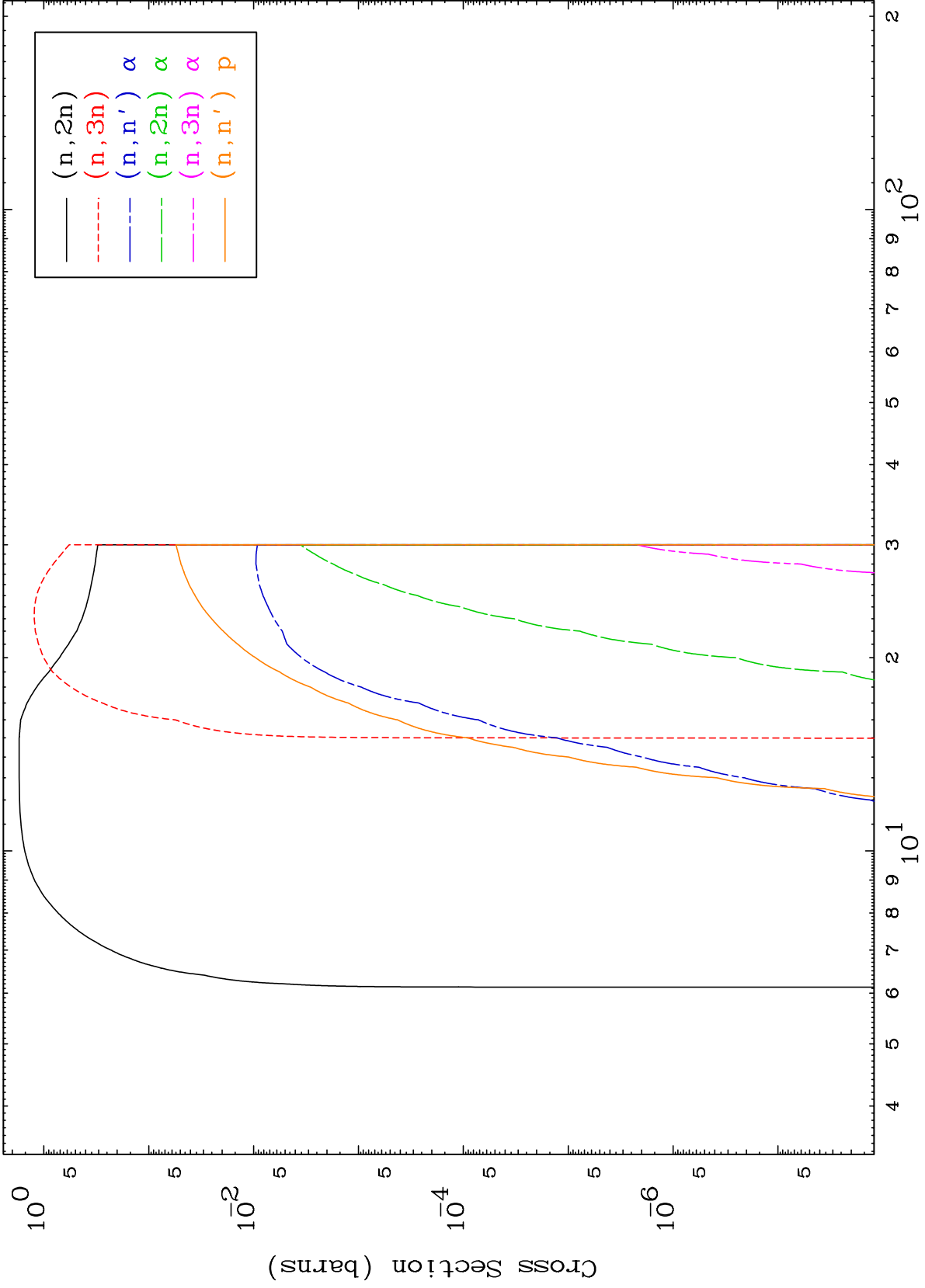
Press Mouse Button to Start

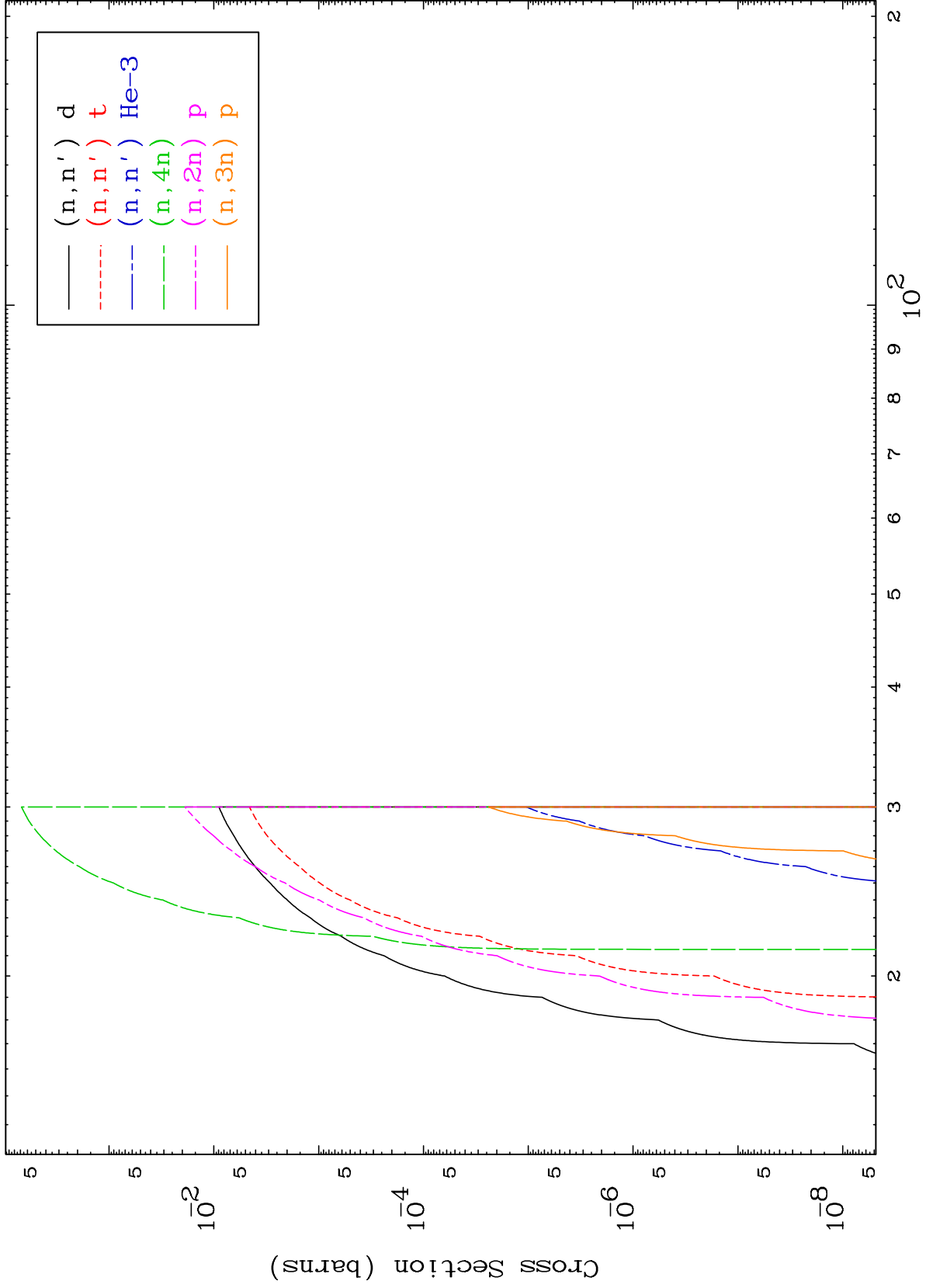
MAT 5252

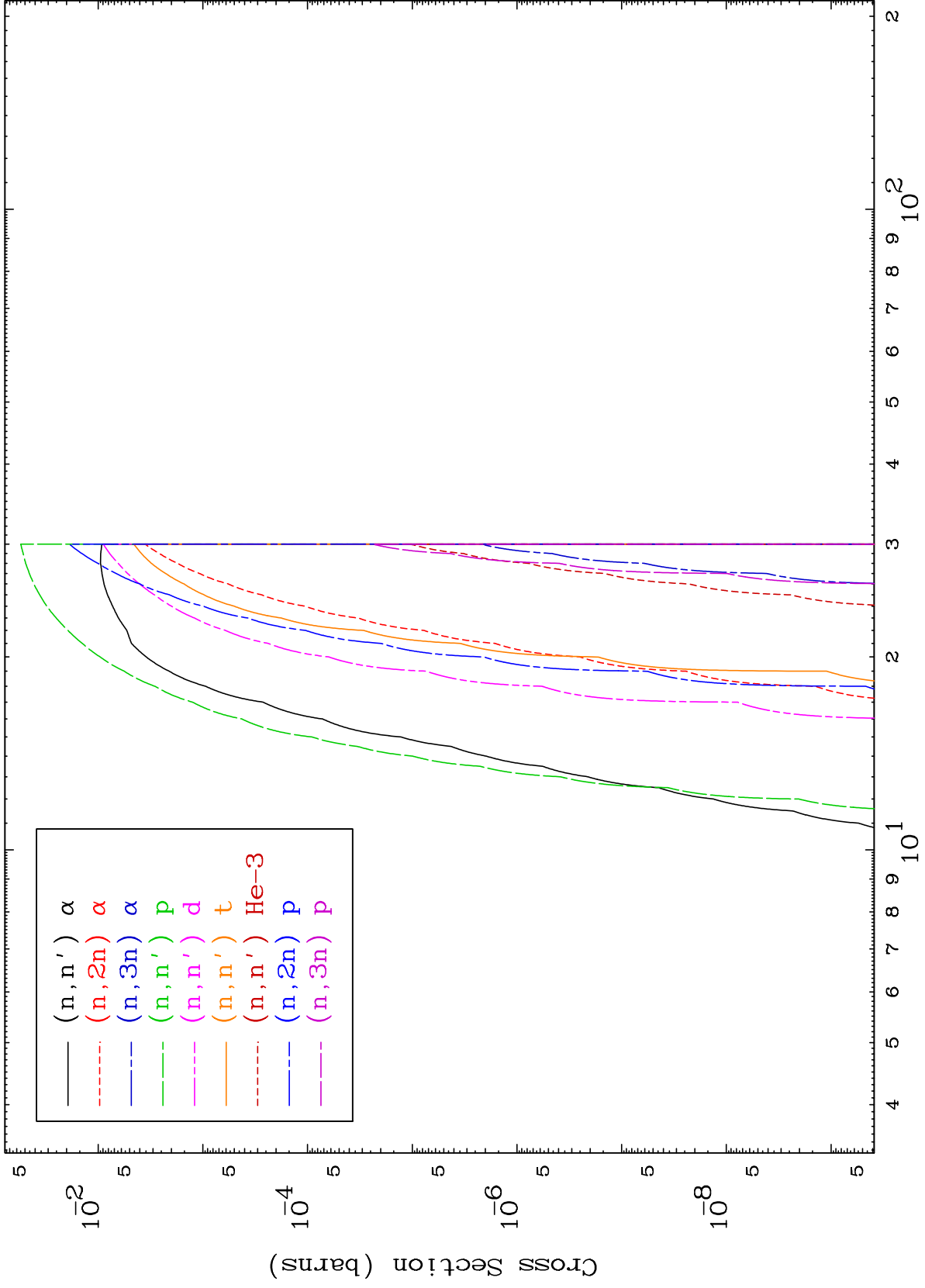
Major  
293 Kelvin Cross Sections

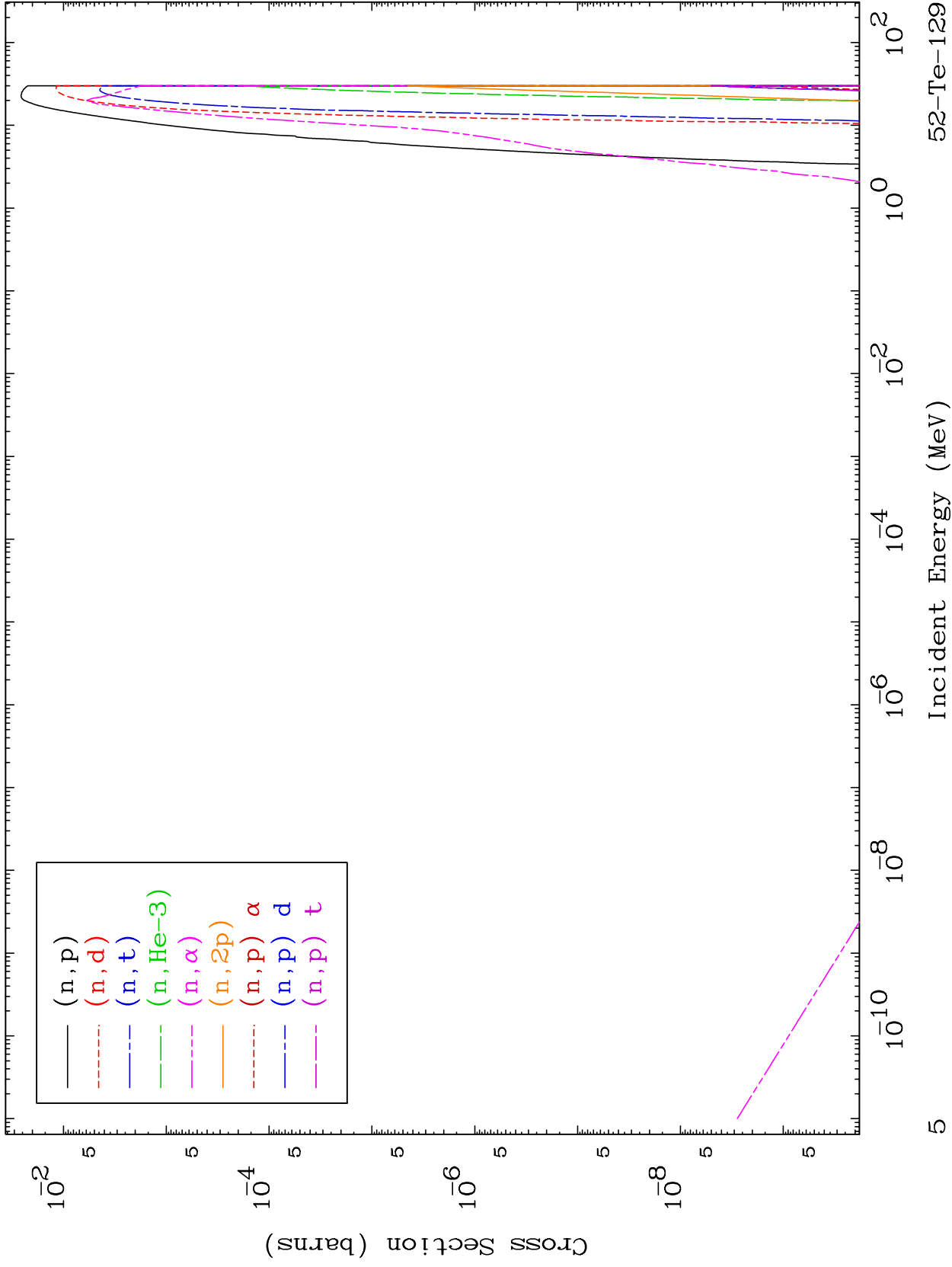
52-Te-129







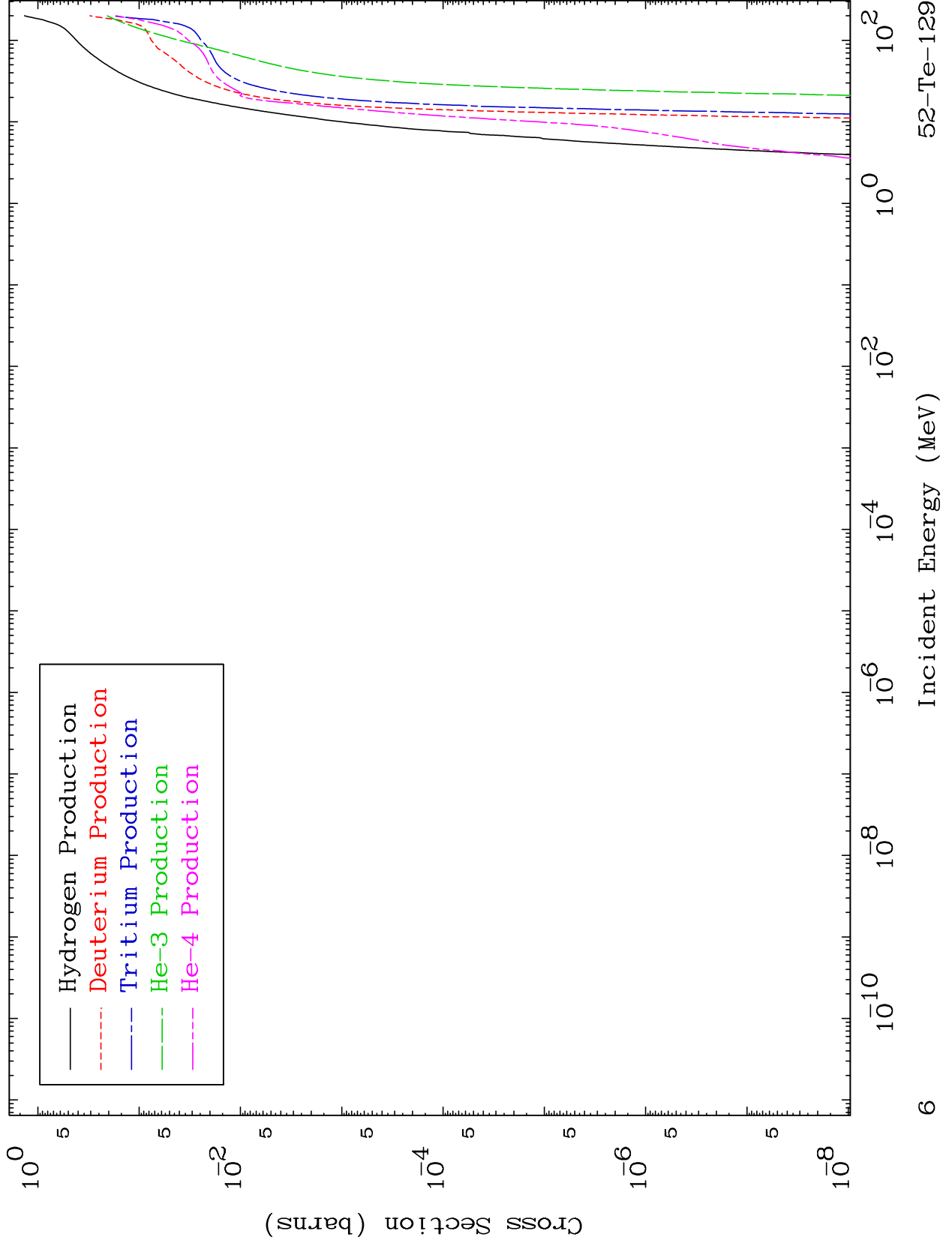




MAT 5252

Particle Production  
293 Kelvin Cross Sections

52-Te-129

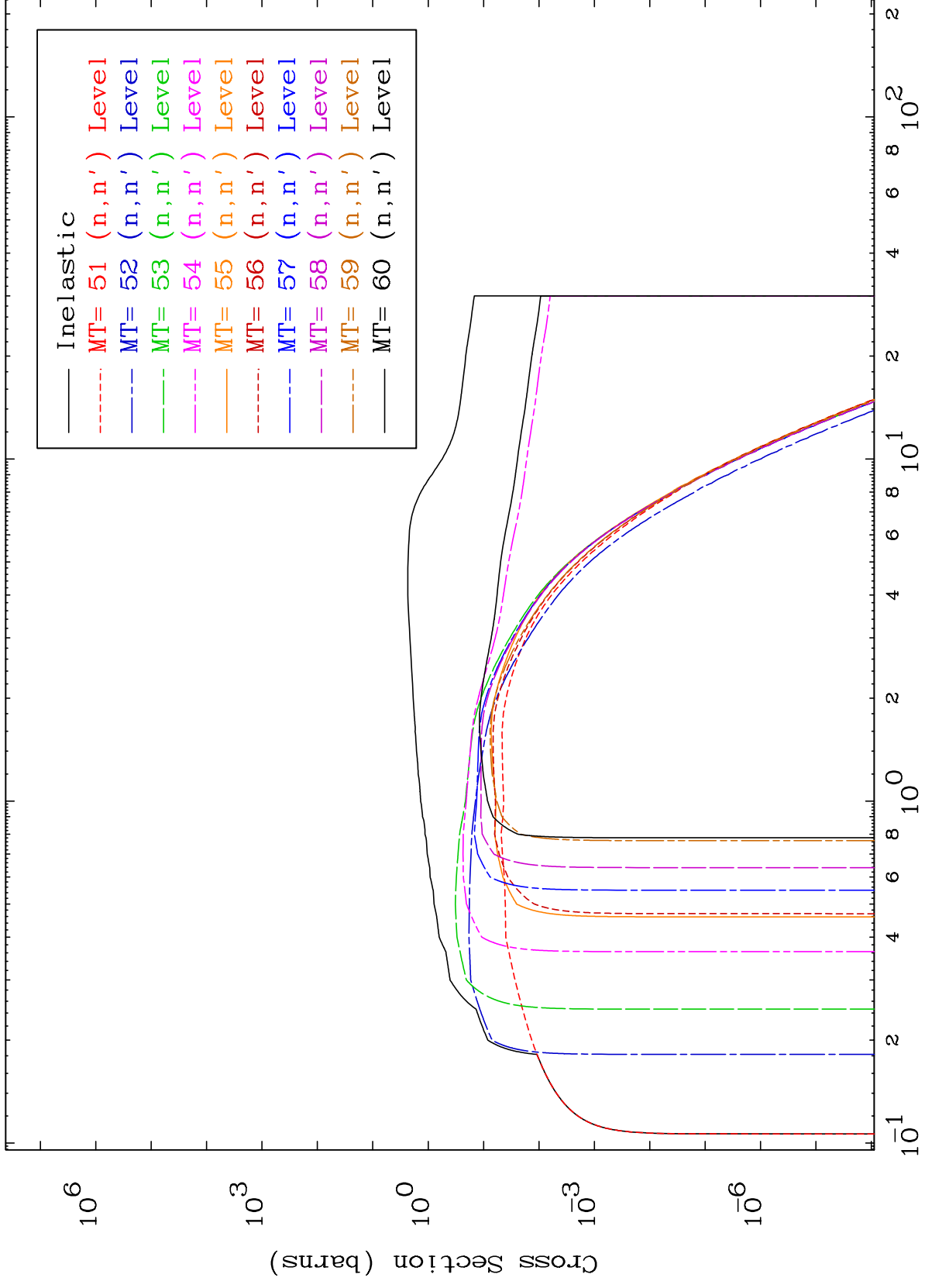


MAT 5252

(n,n') Level

52-Te-129

293 Kelvin Cross Sections



Incident Energy (MeV)

52-Te-129

7

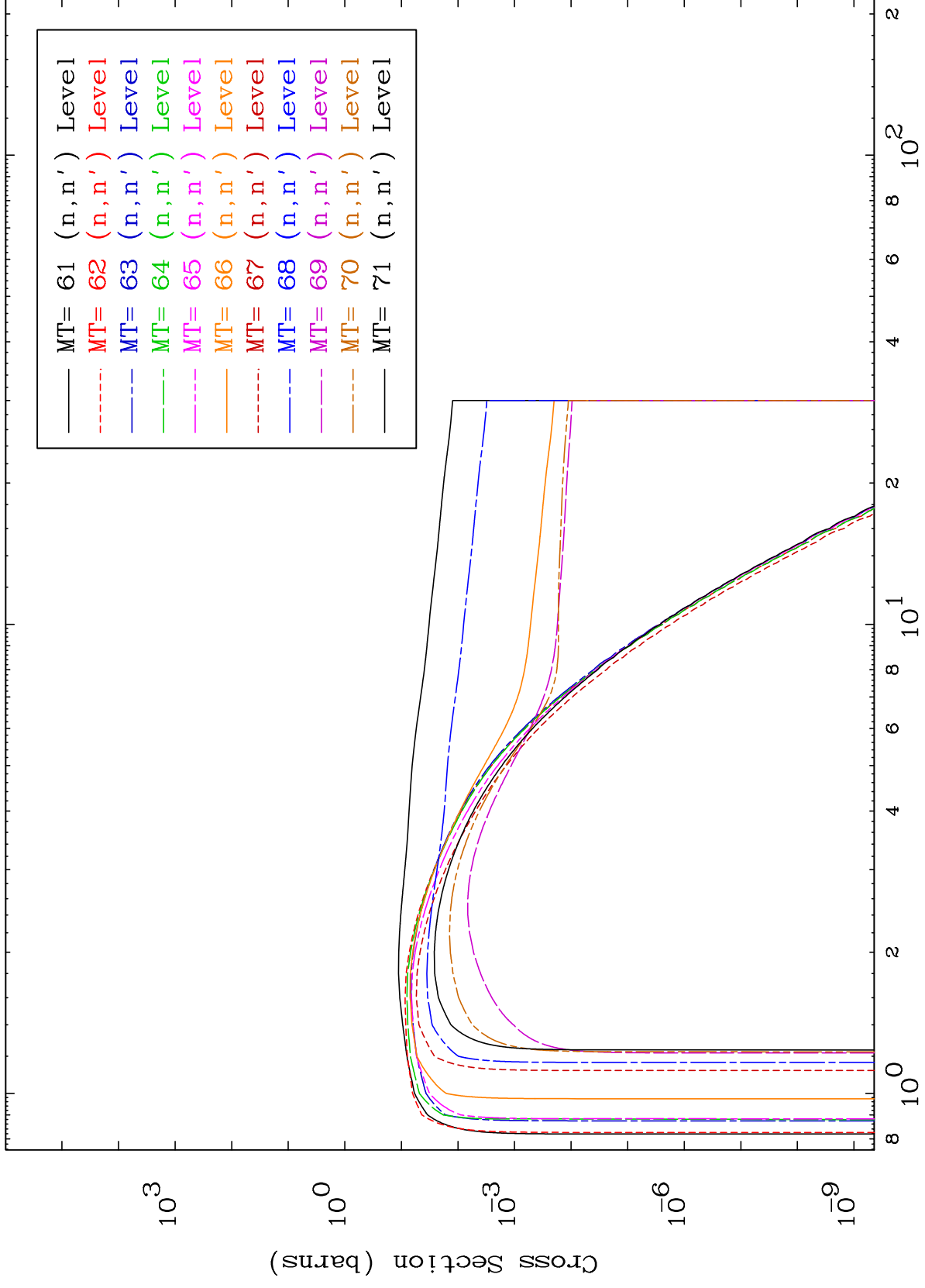


MAT 5252

(n,n') Level

52-Te-129

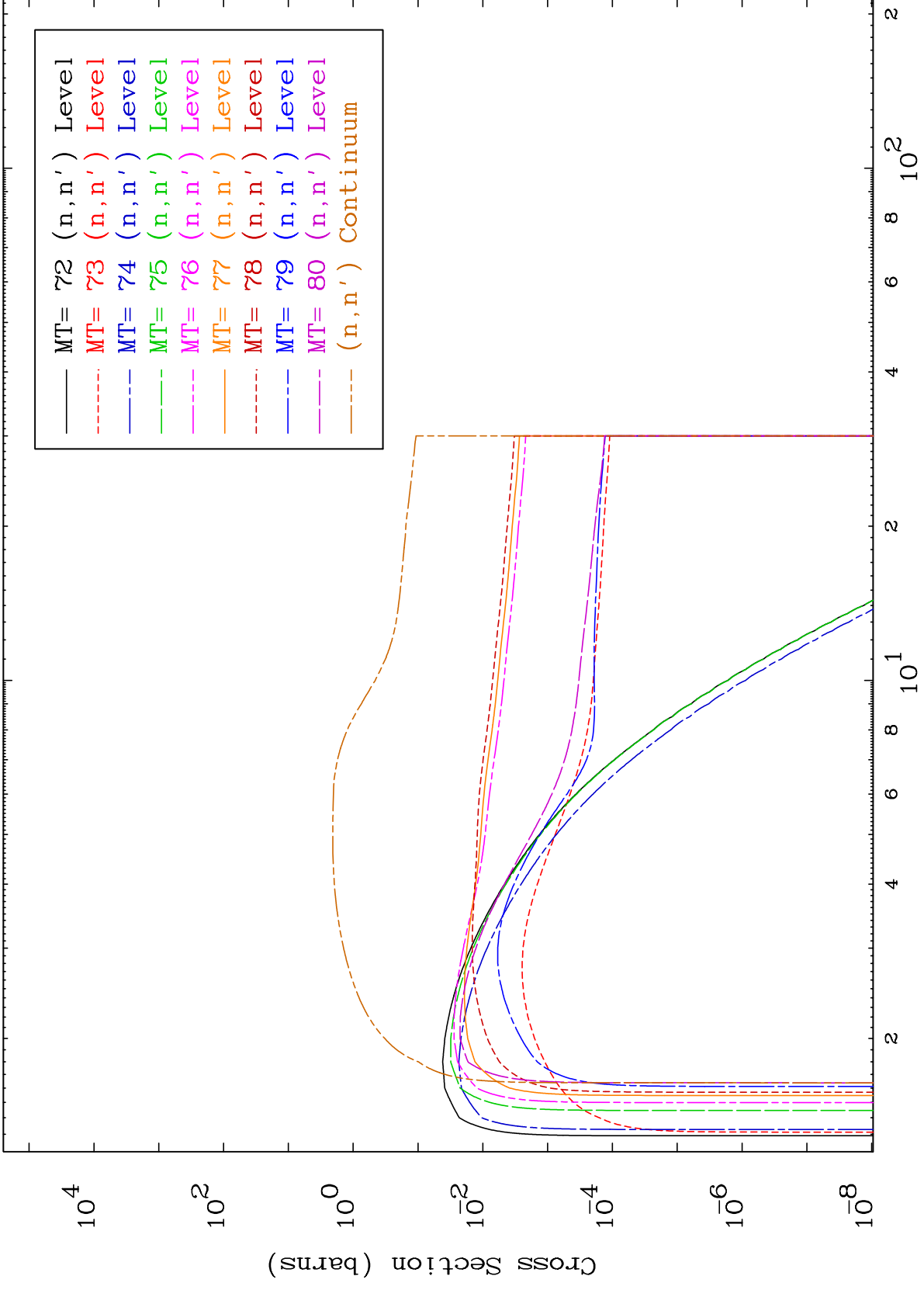
293 Kelvin Cross Sections



Incident Energy (MeV)

52-Te-129

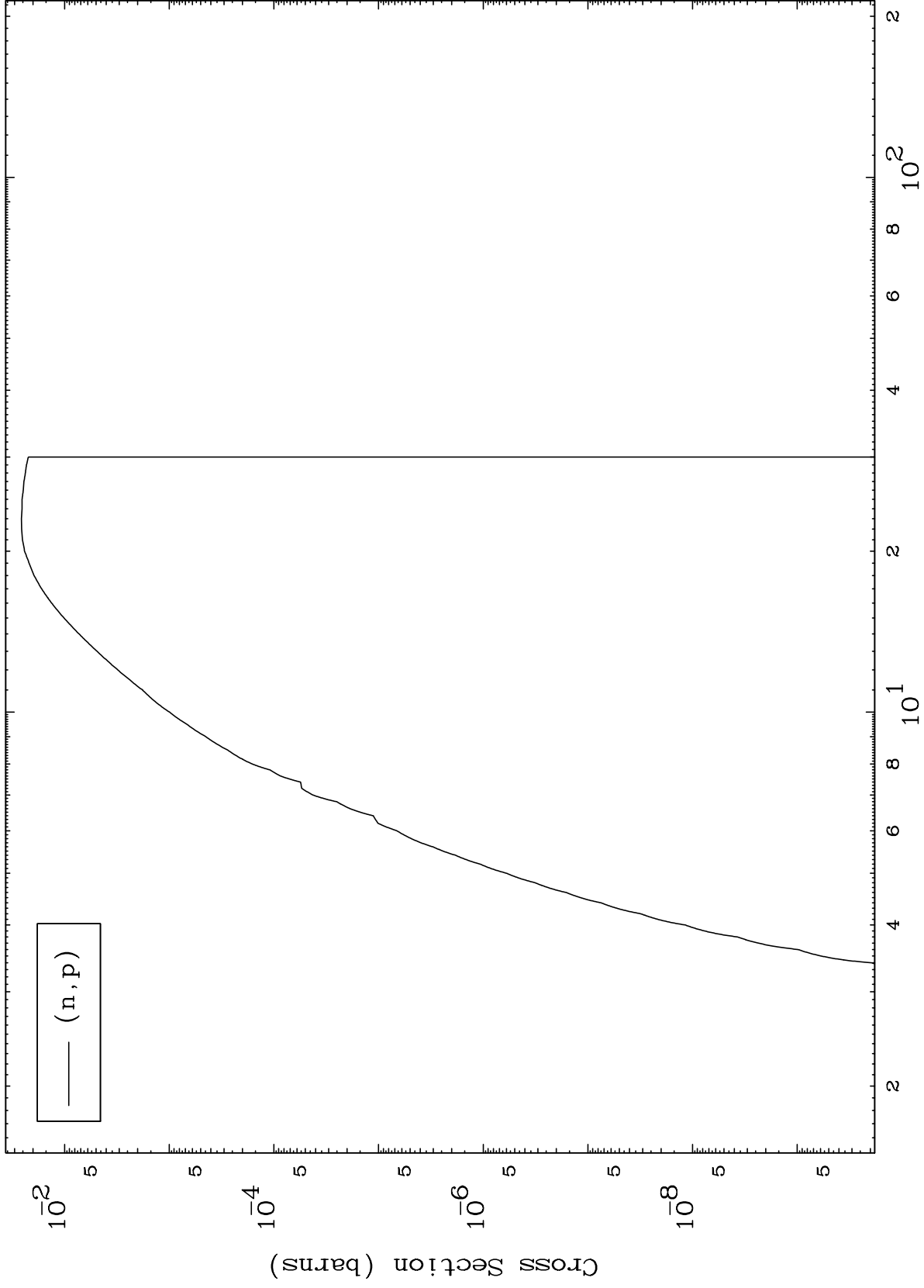
293 Kelvin Cross Sections



MAT 5252

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-129



10

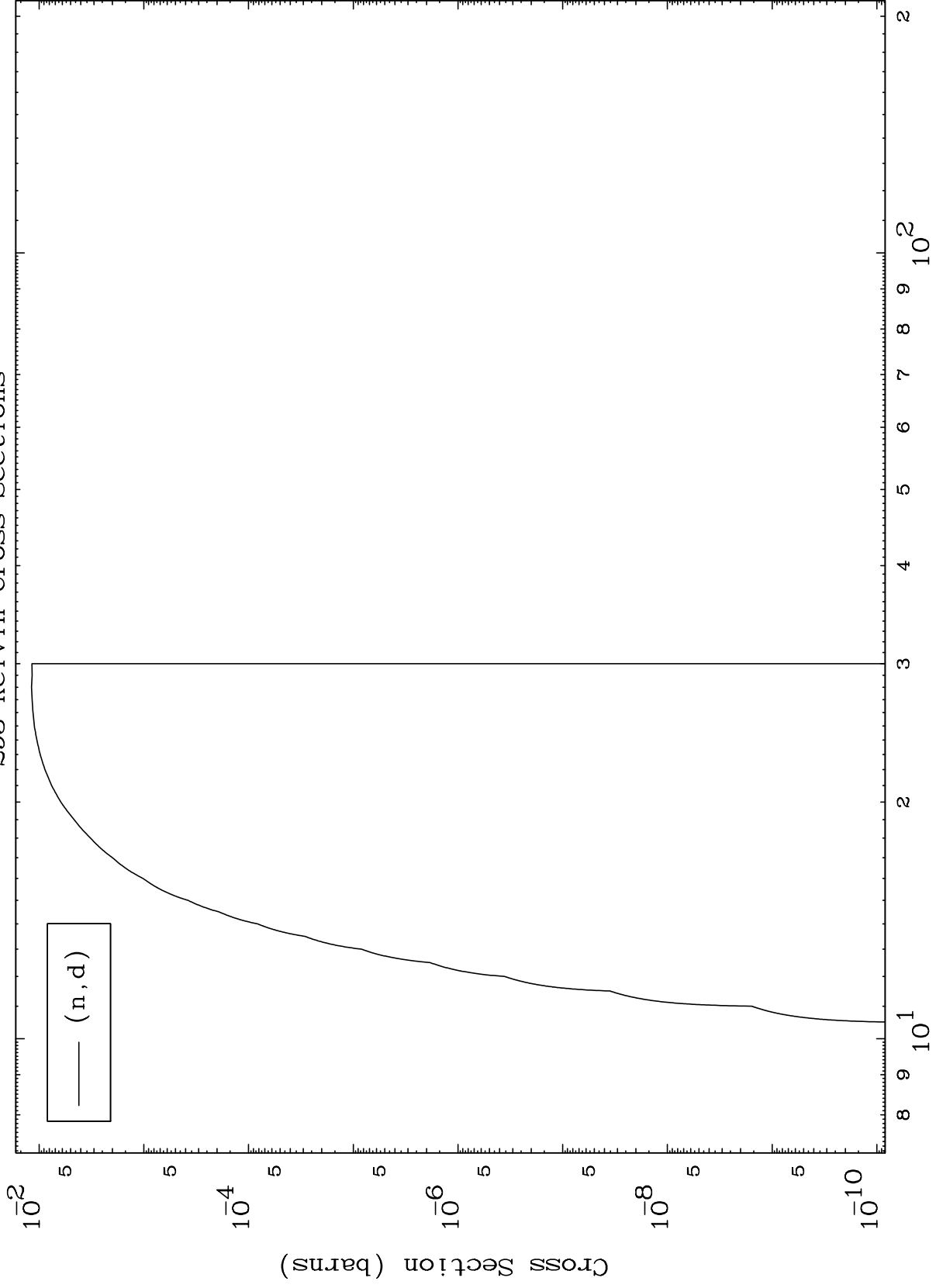
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-129



11

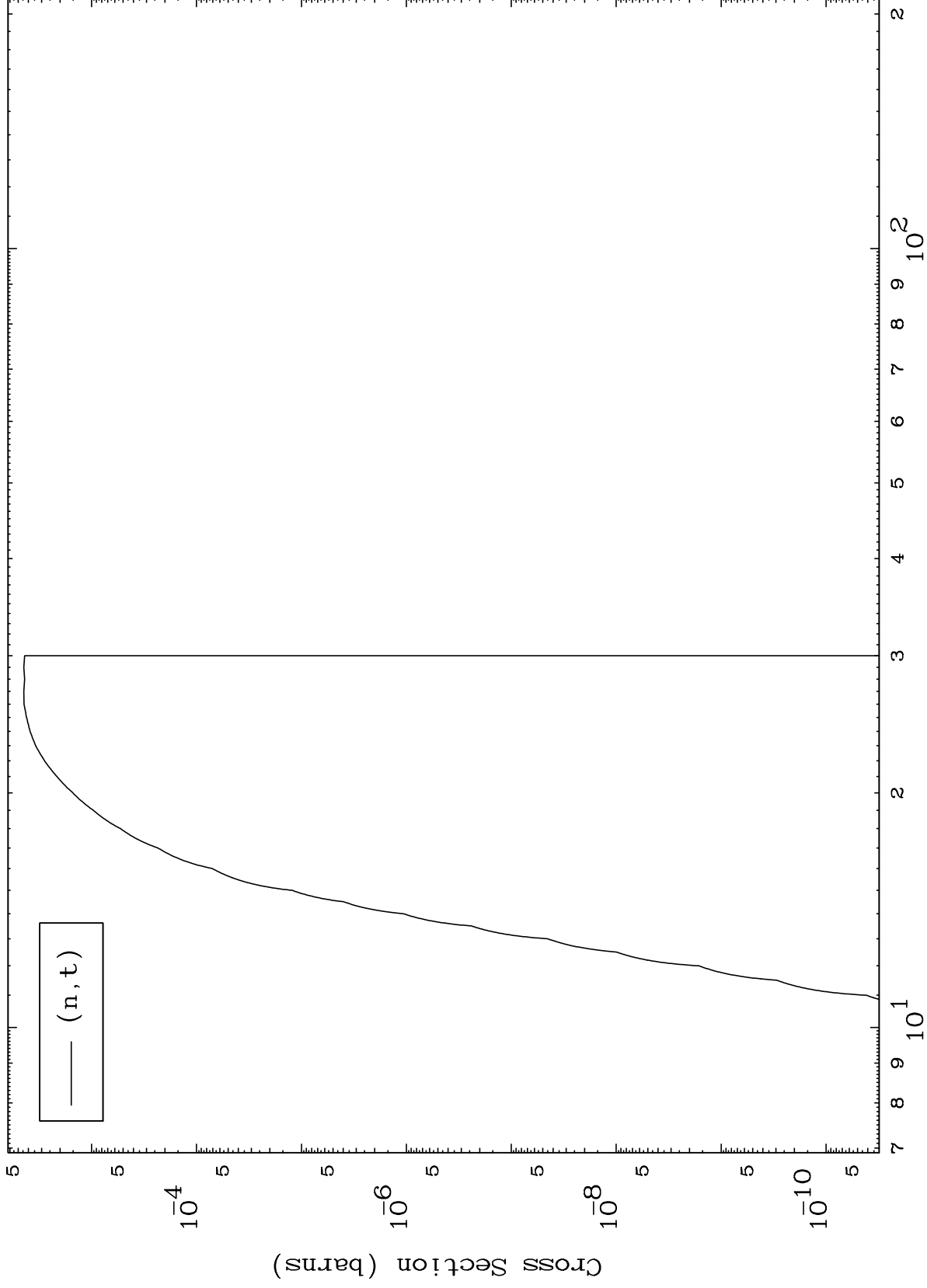
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-129



12

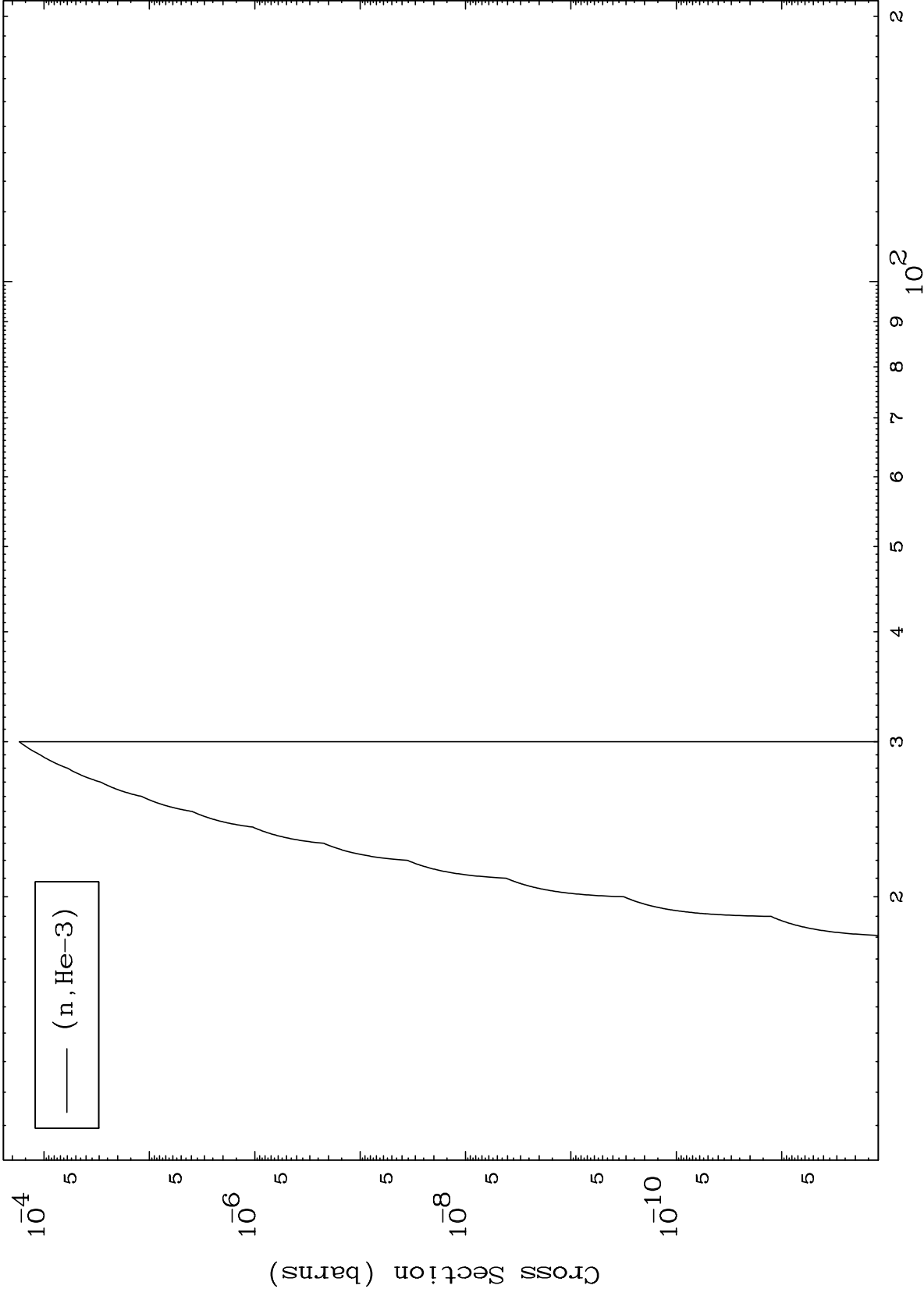
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-129



13

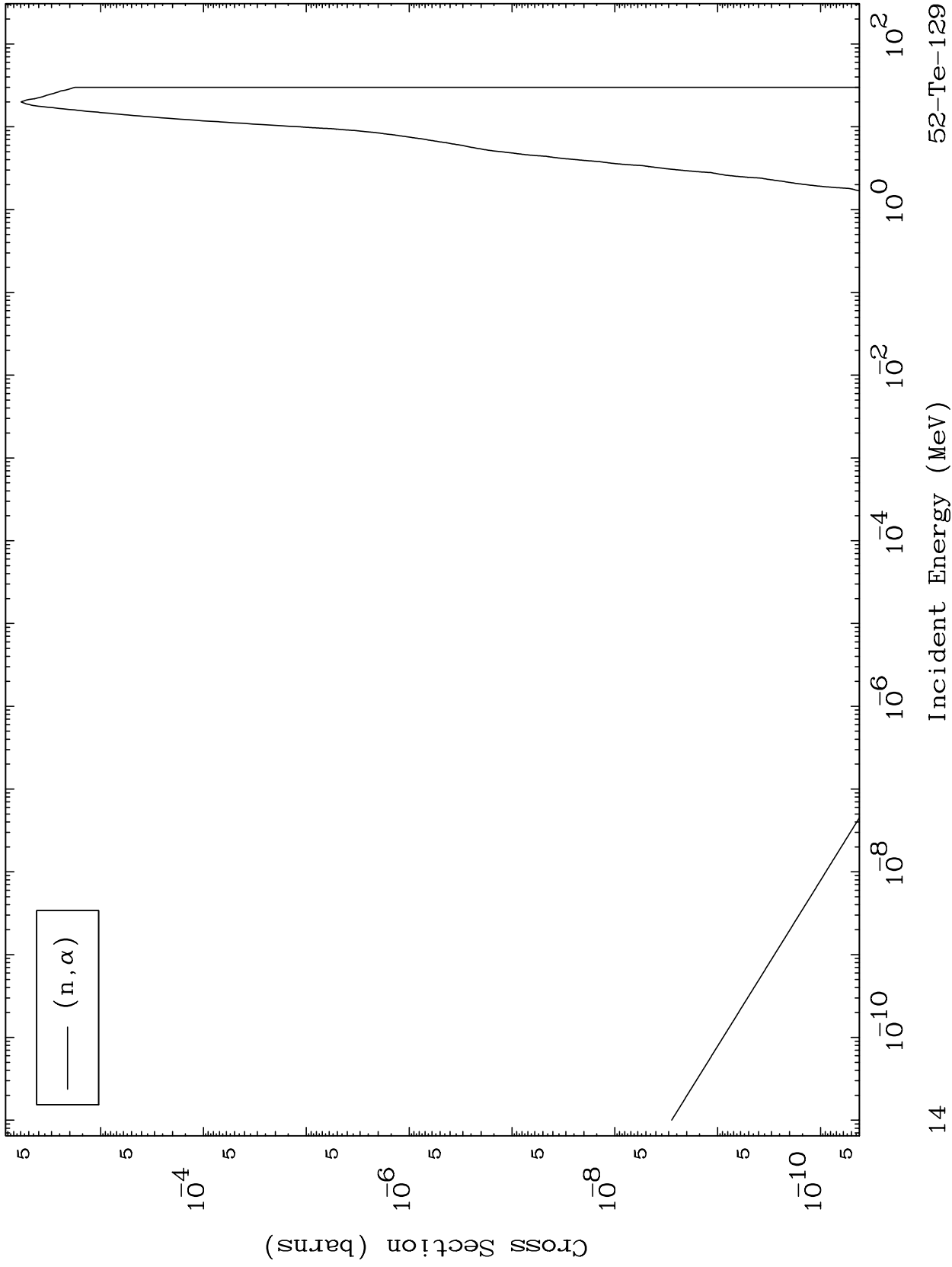
Incident Energy (MeV)

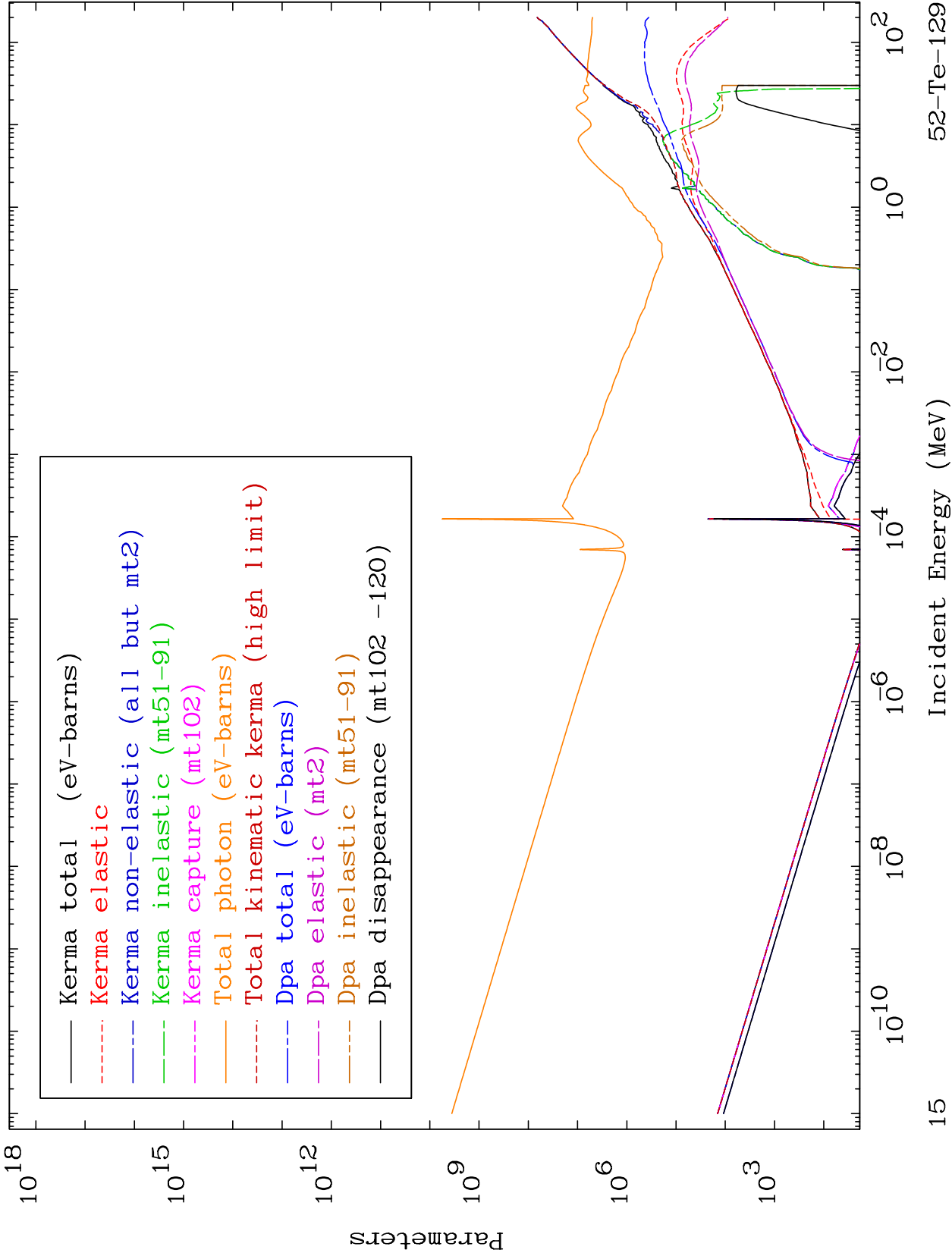
52-Te-129

MAT 5252

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

52-Te-129



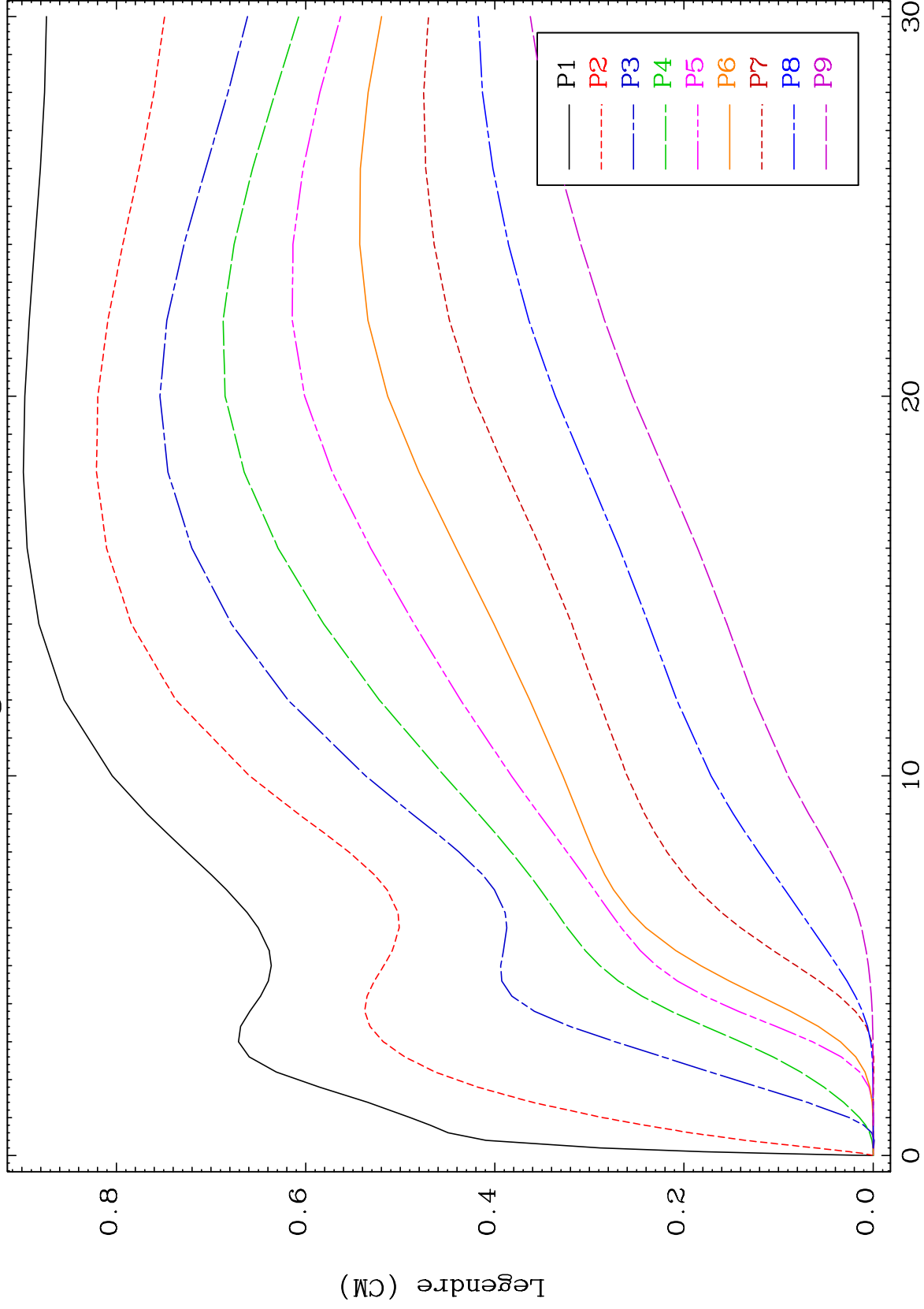




MAT 5252

Elastic Legendre Coefficients

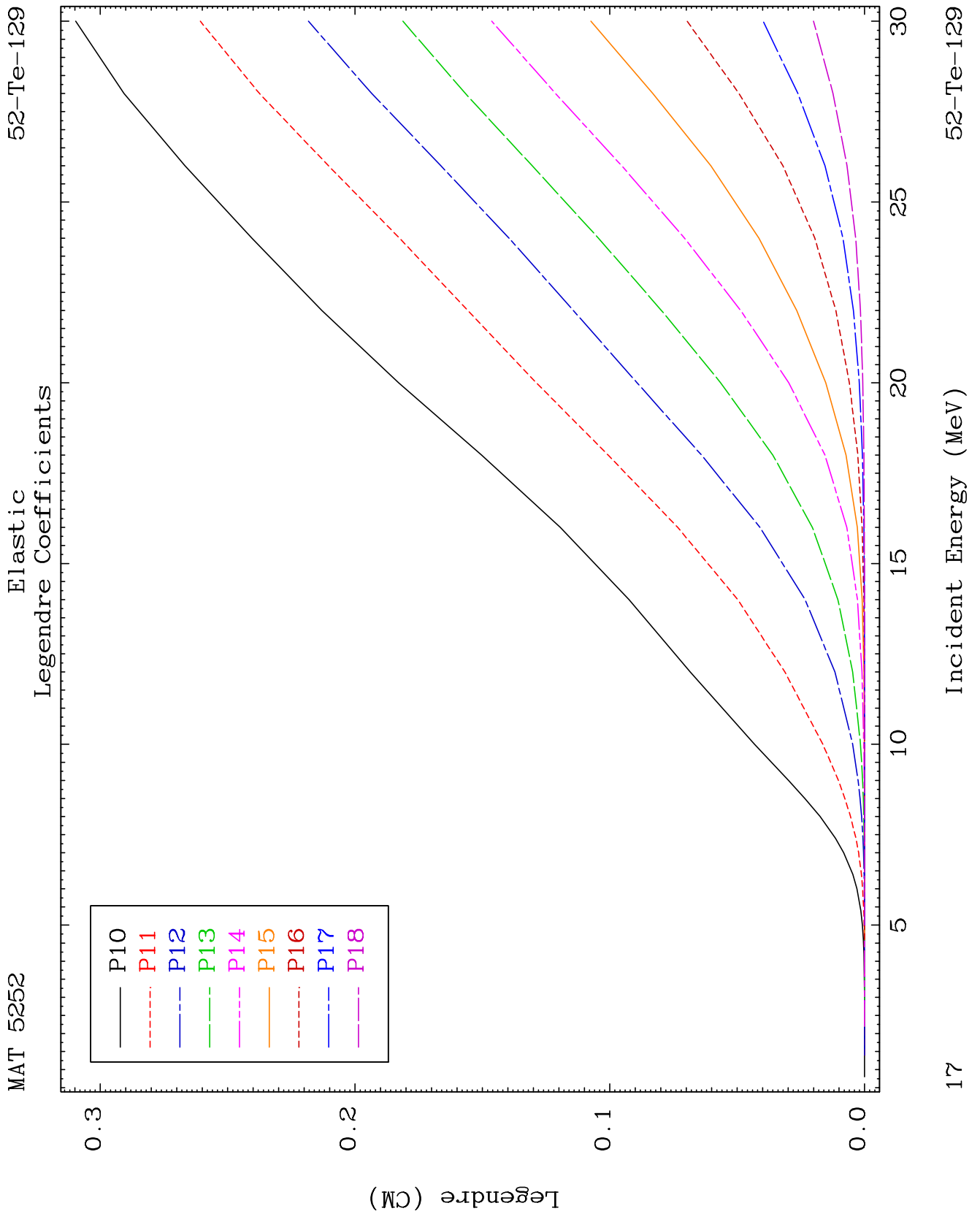
52-Te-129



16

Incident Energy (MeV)

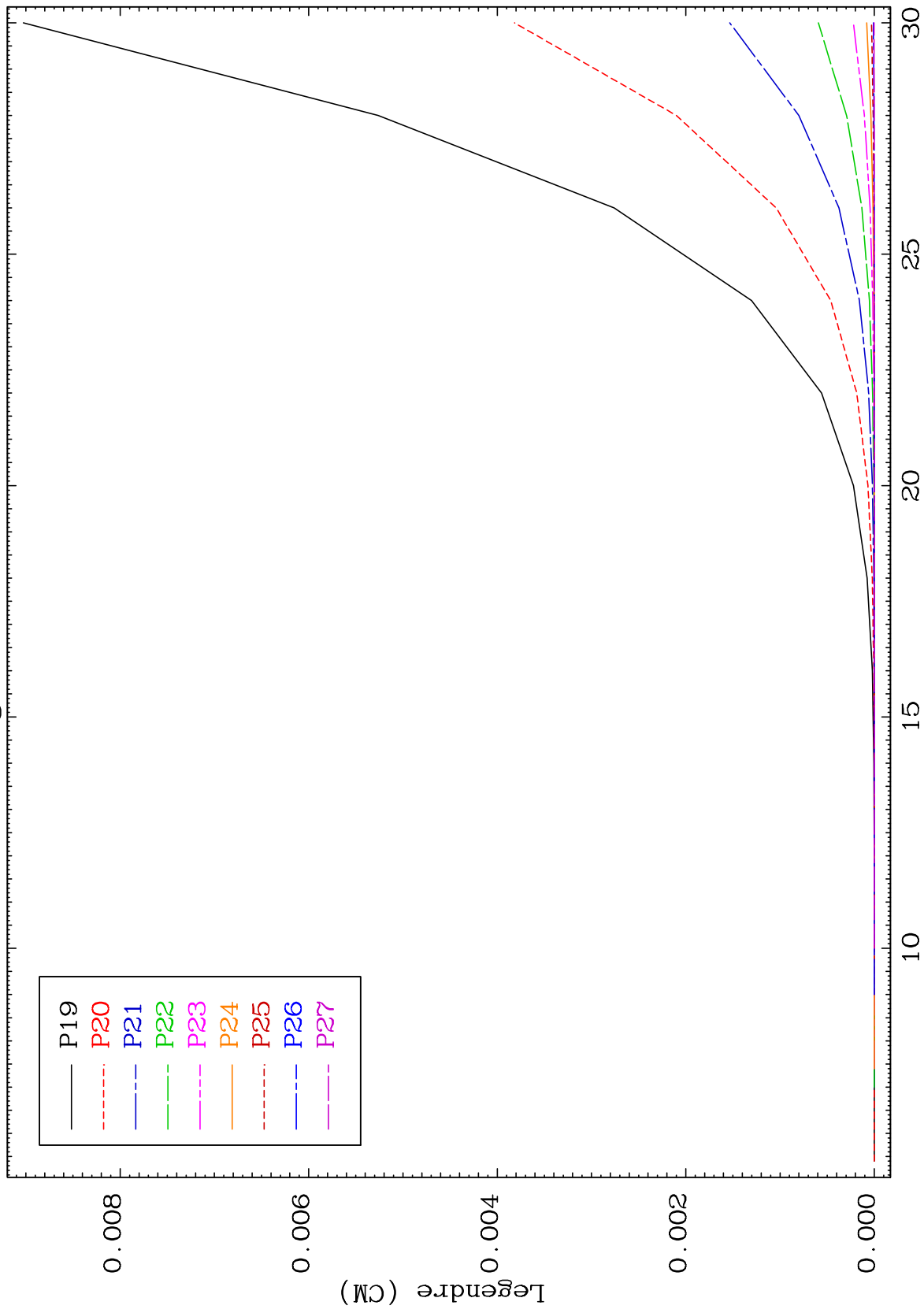
52-Te-129



MAT 5252

Elastic Legendre Coefficients

52-Te-129



18

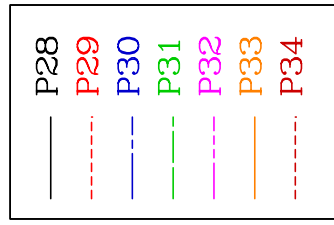
Incident Energy (MeV)

52-Te-129

MAT 5252

Elastic Legendre Coefficients

52-Te-129



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

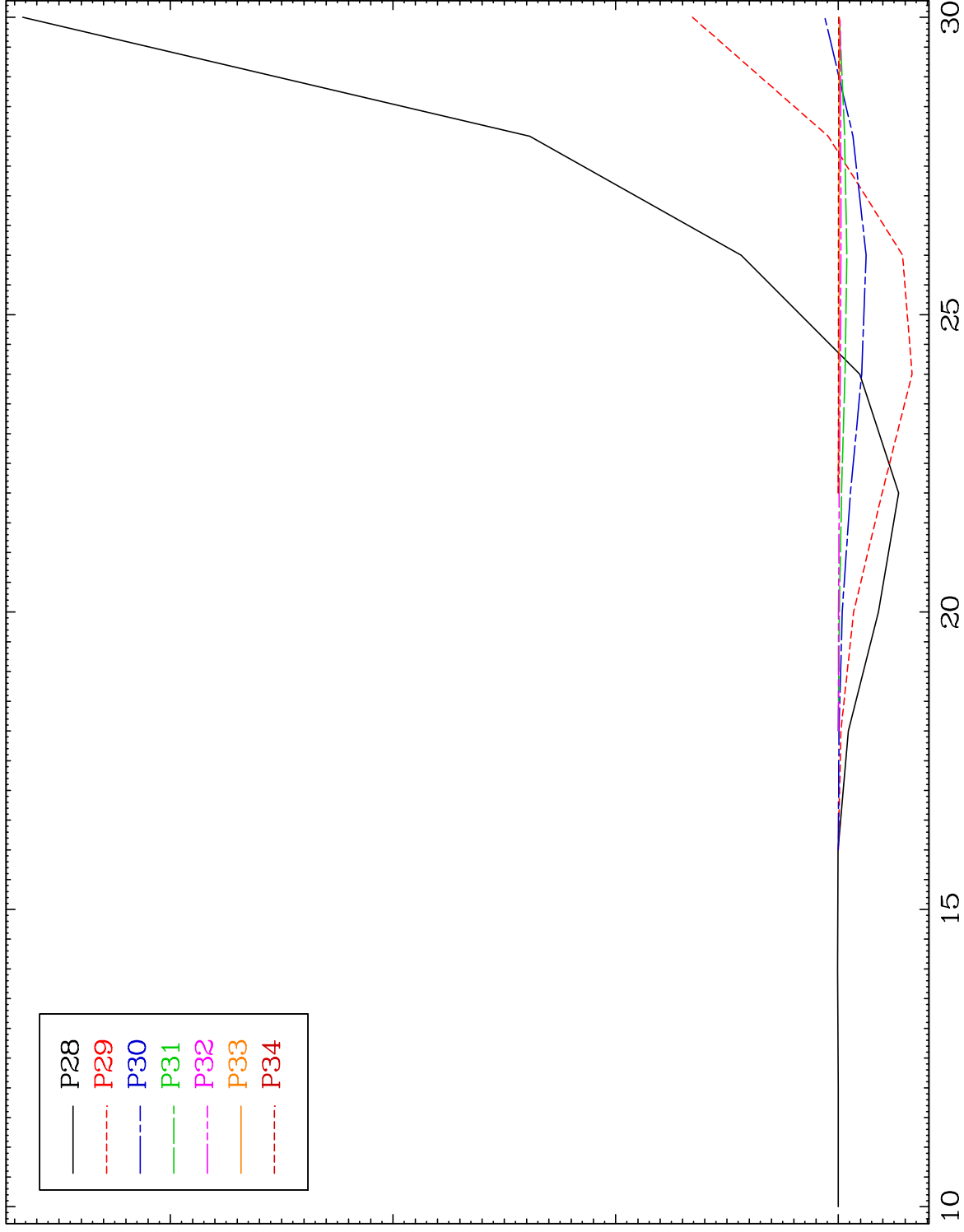
25

30

19

Incident Energy (MeV)

52-Te-129

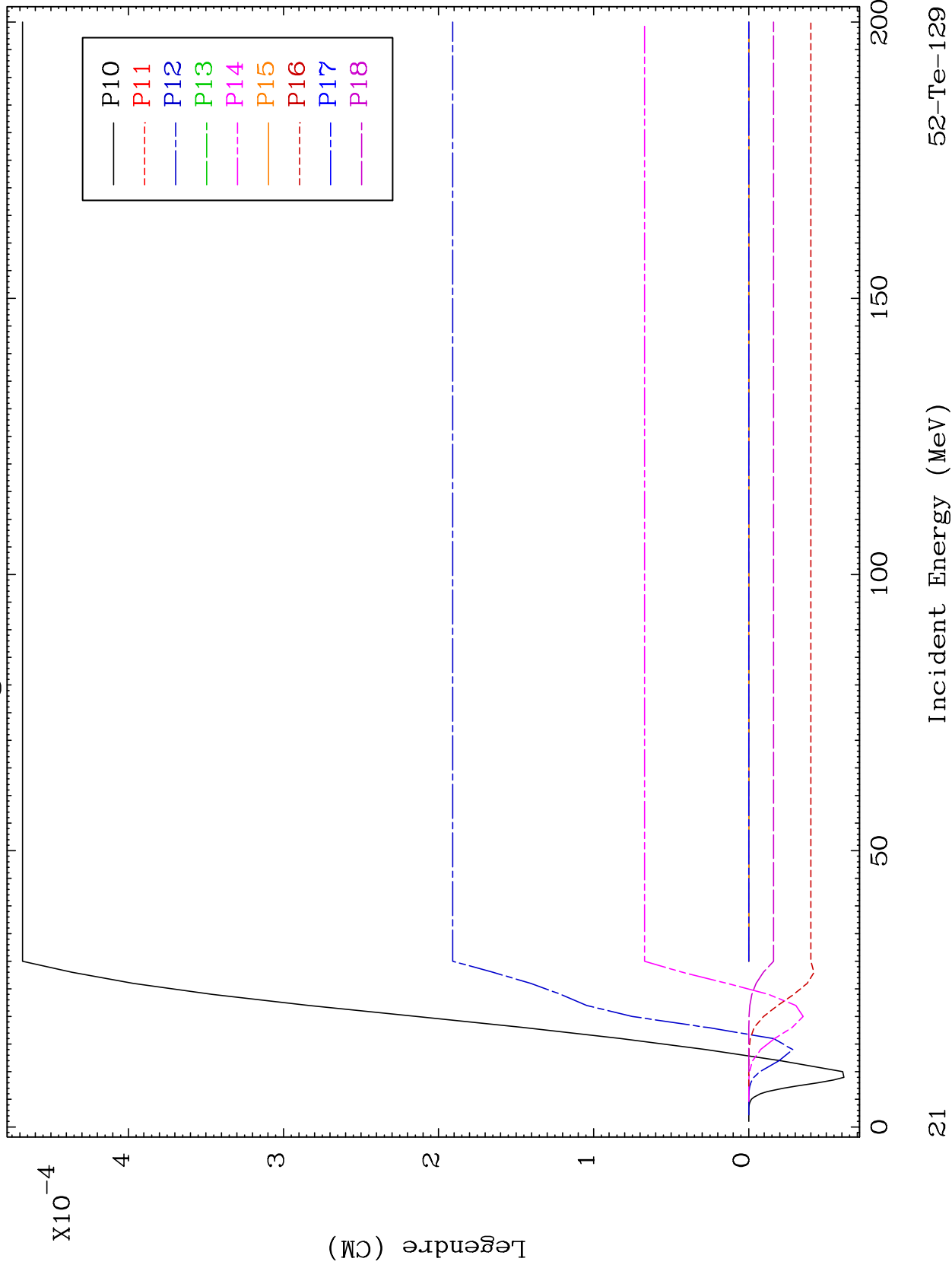


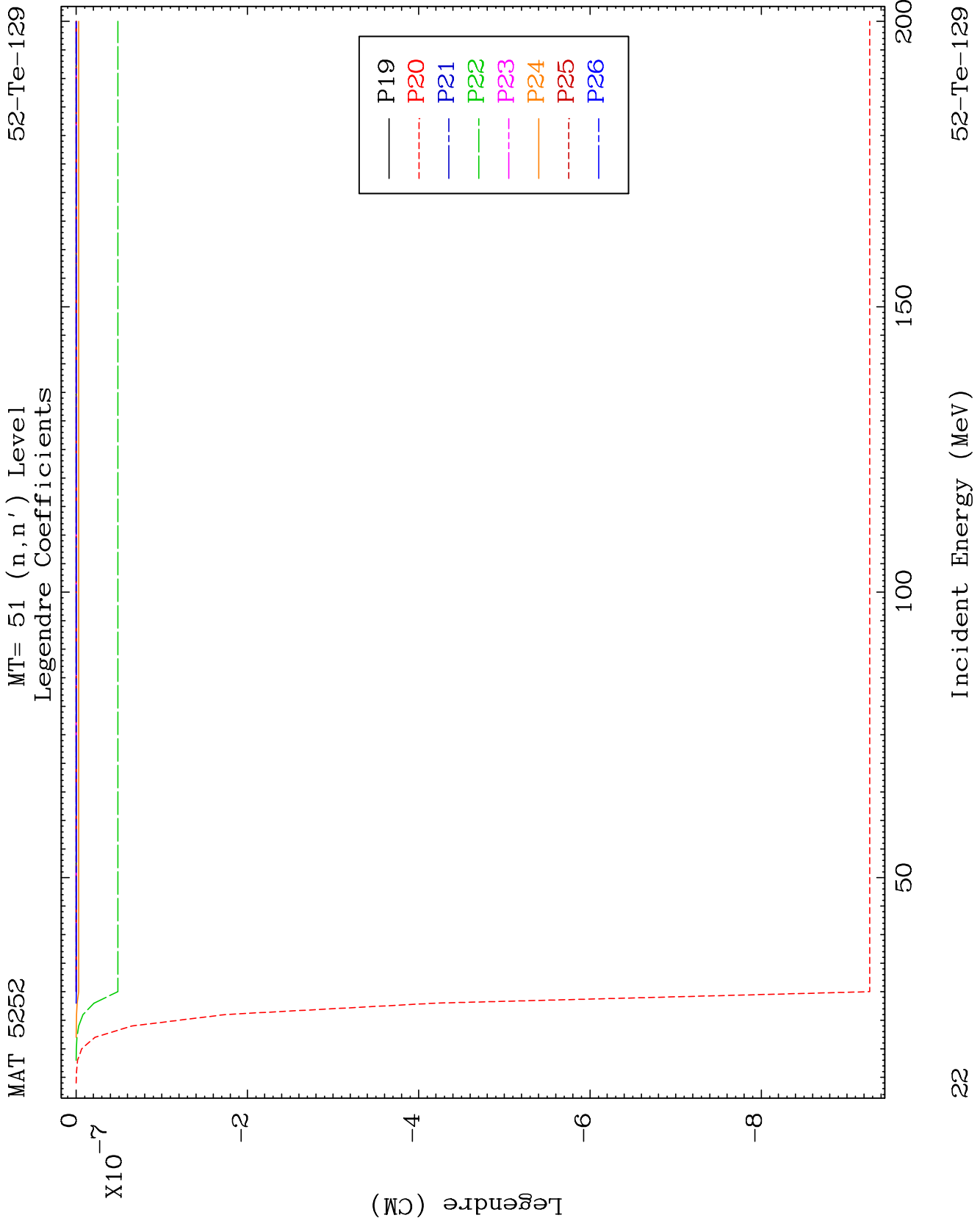


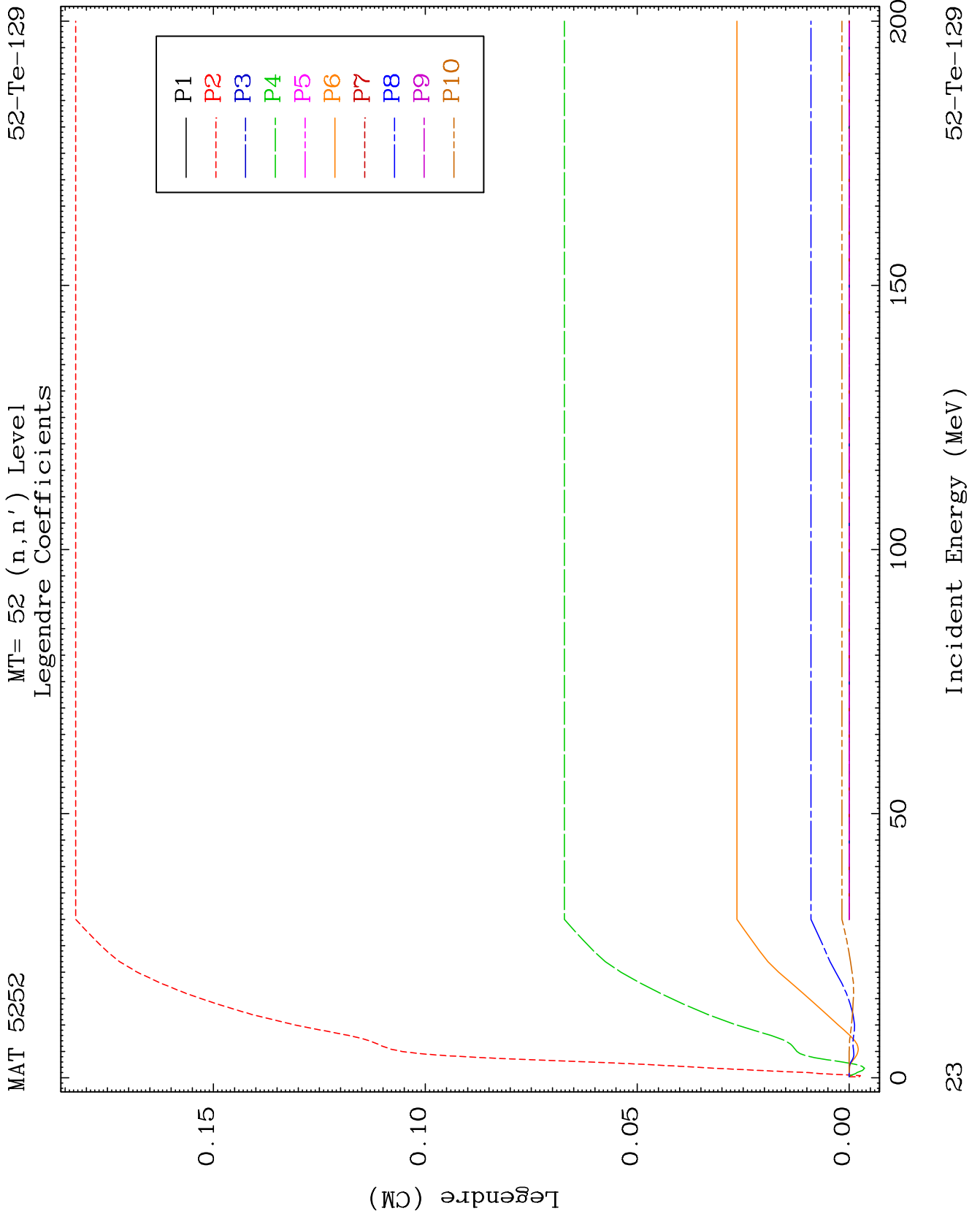
MAT 5252

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

52-Te-129





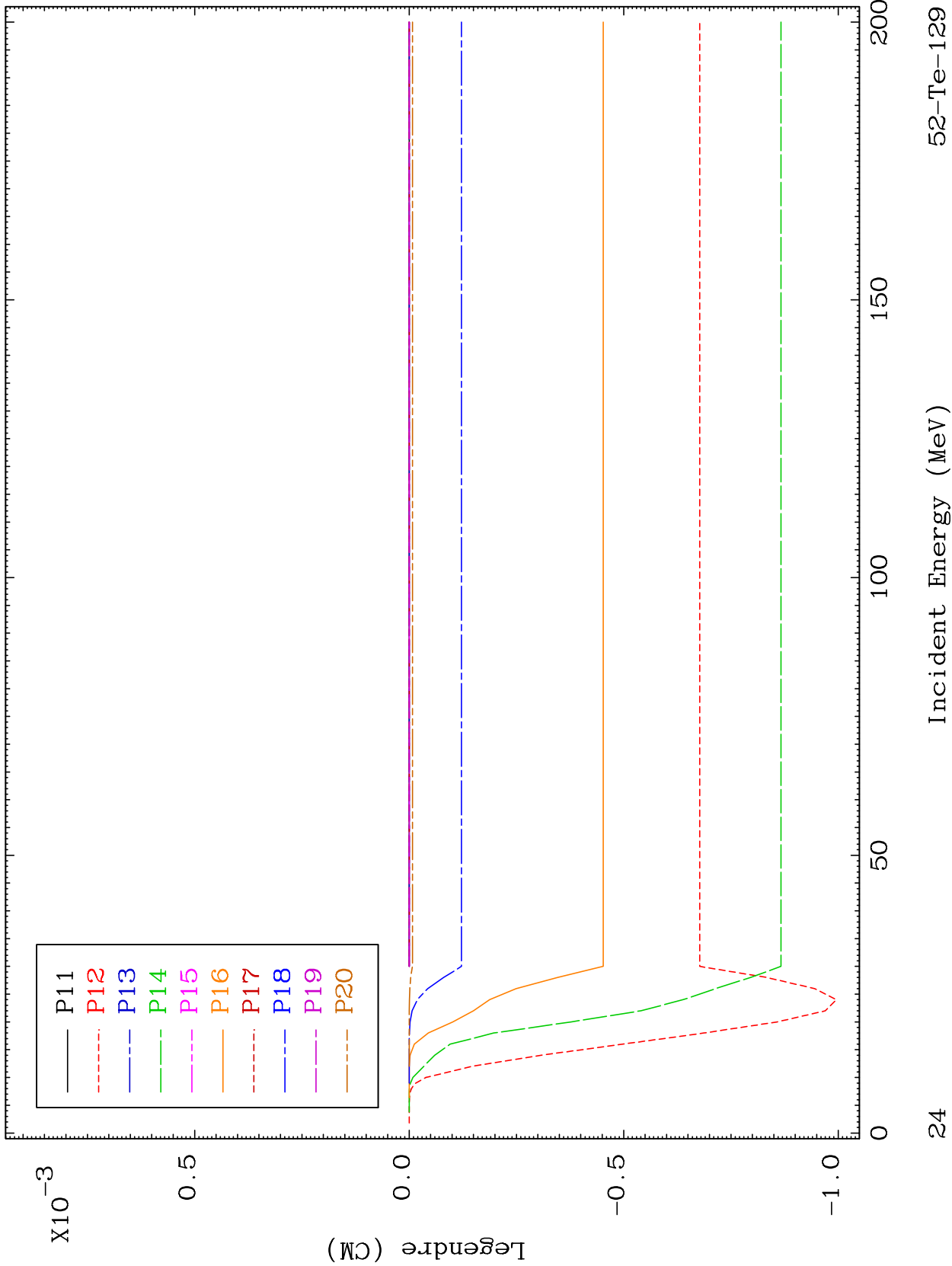




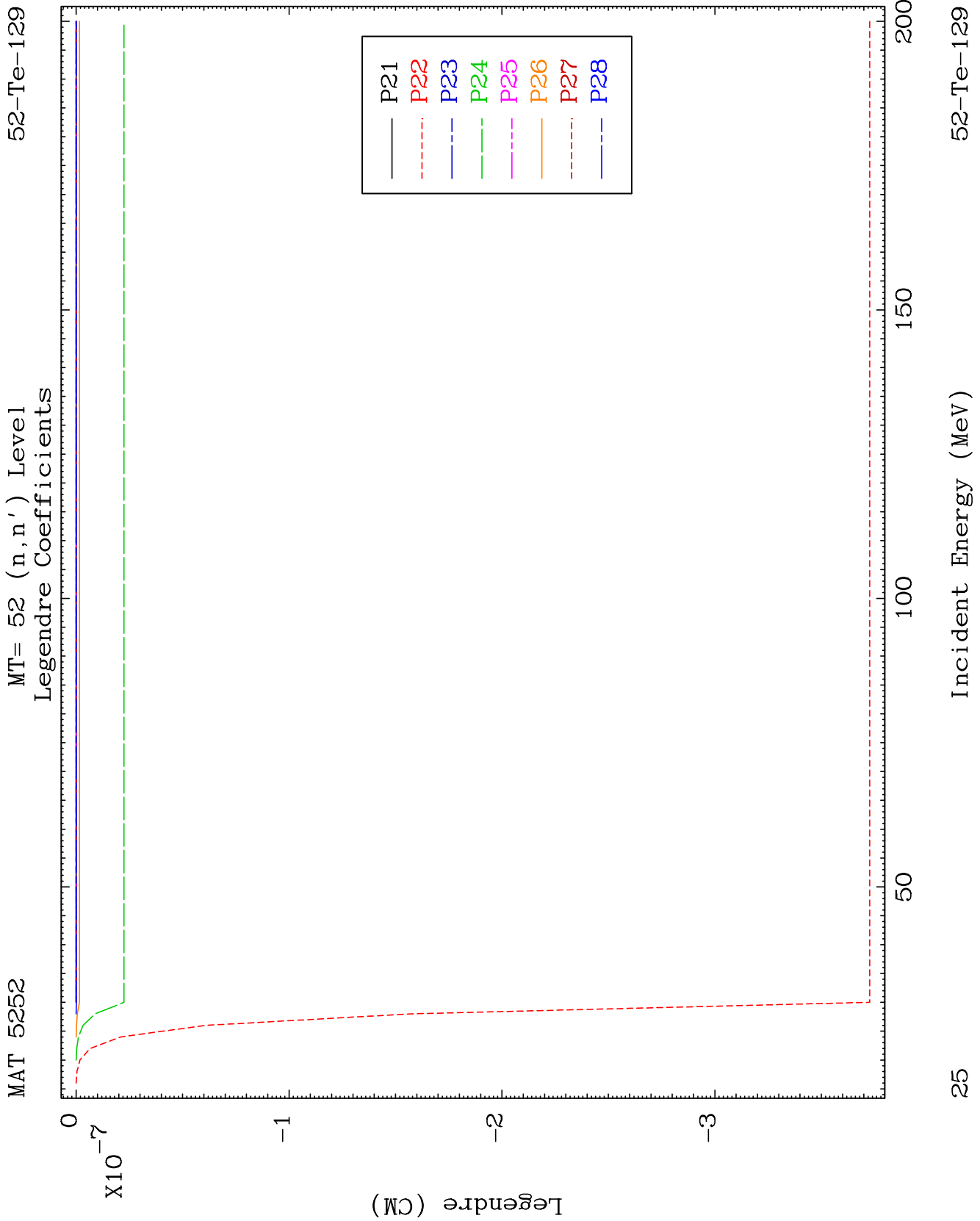
MAT 5252

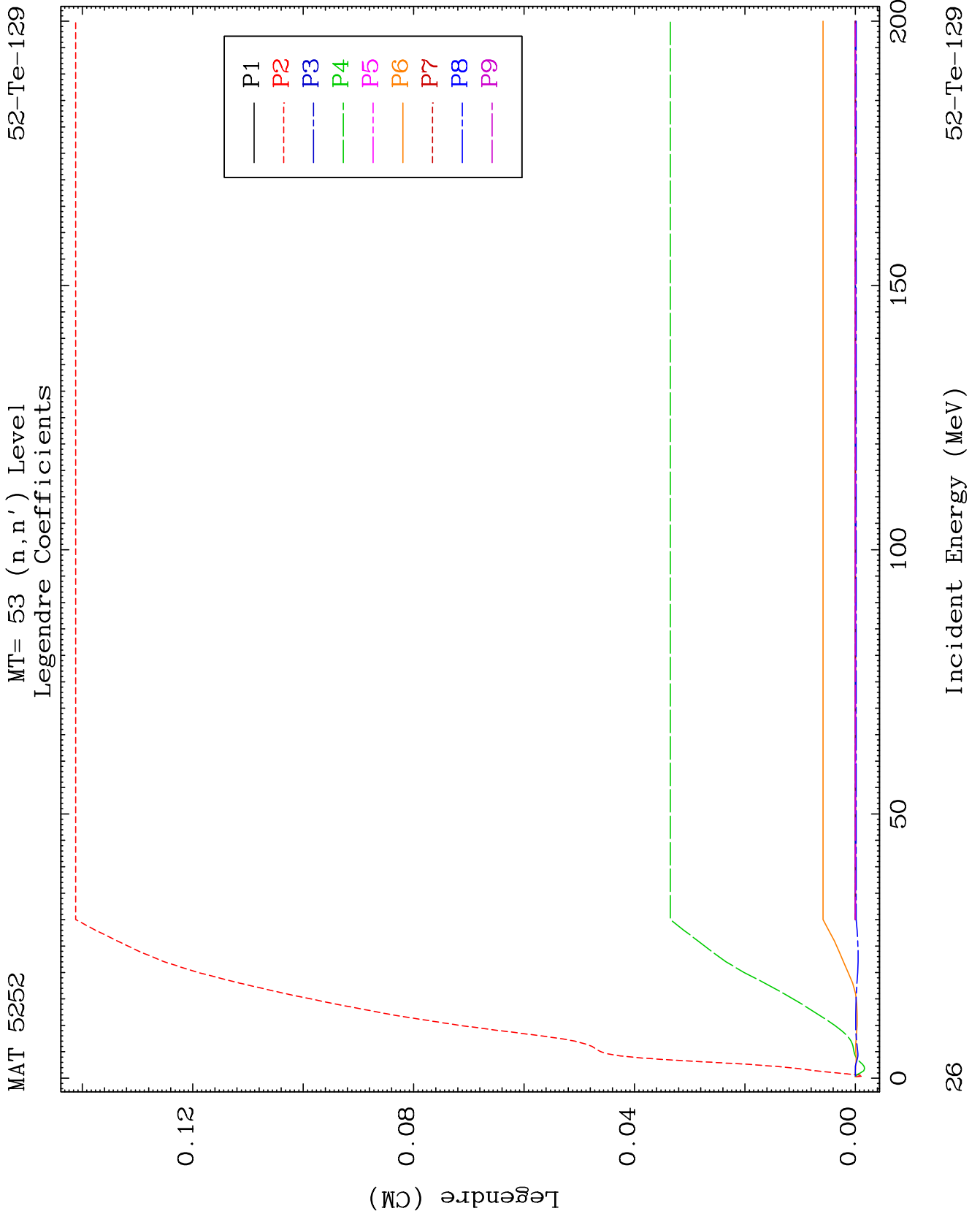
MT= 52 (n,n') Level  
Legendre Coefficients

52-Te-129

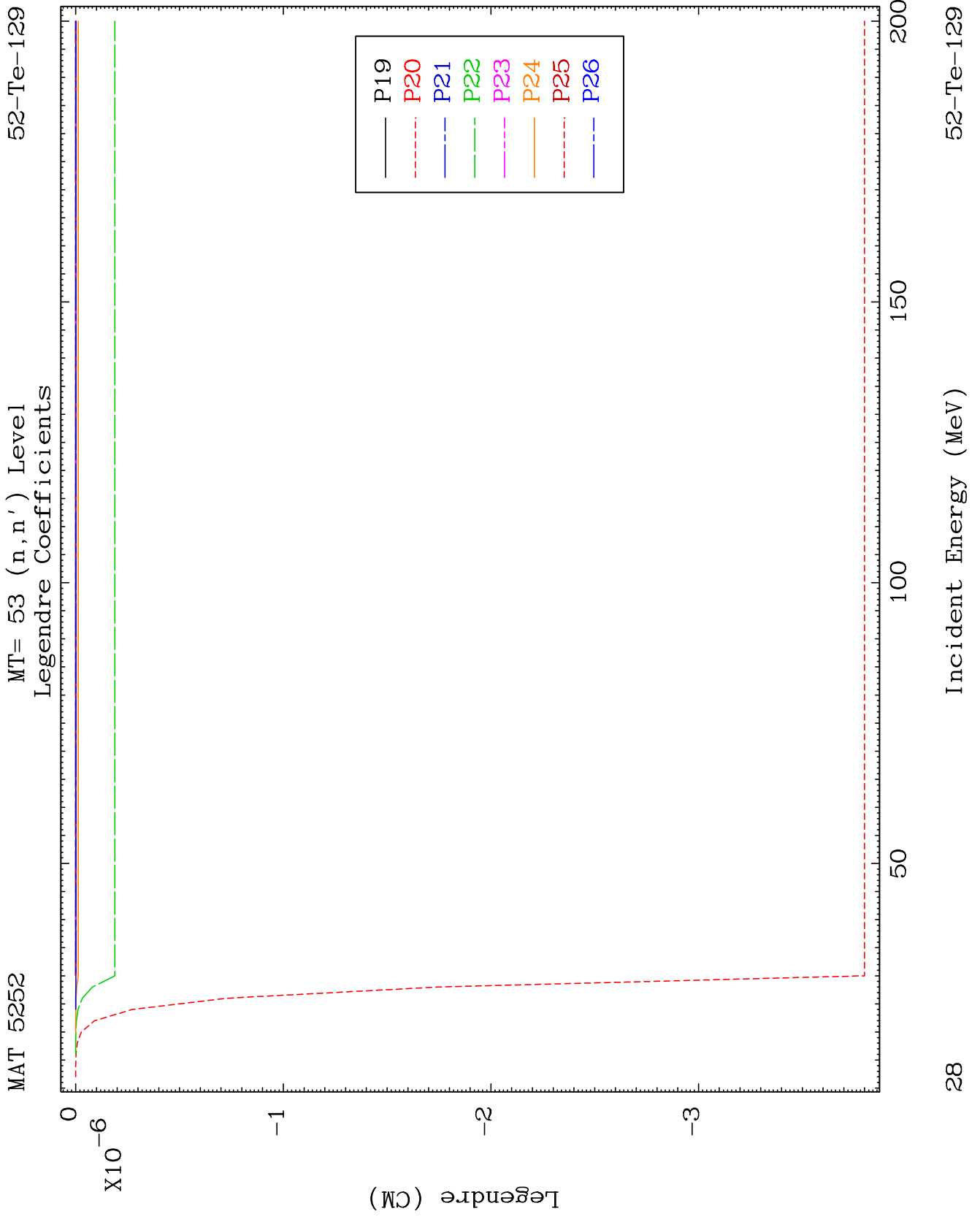


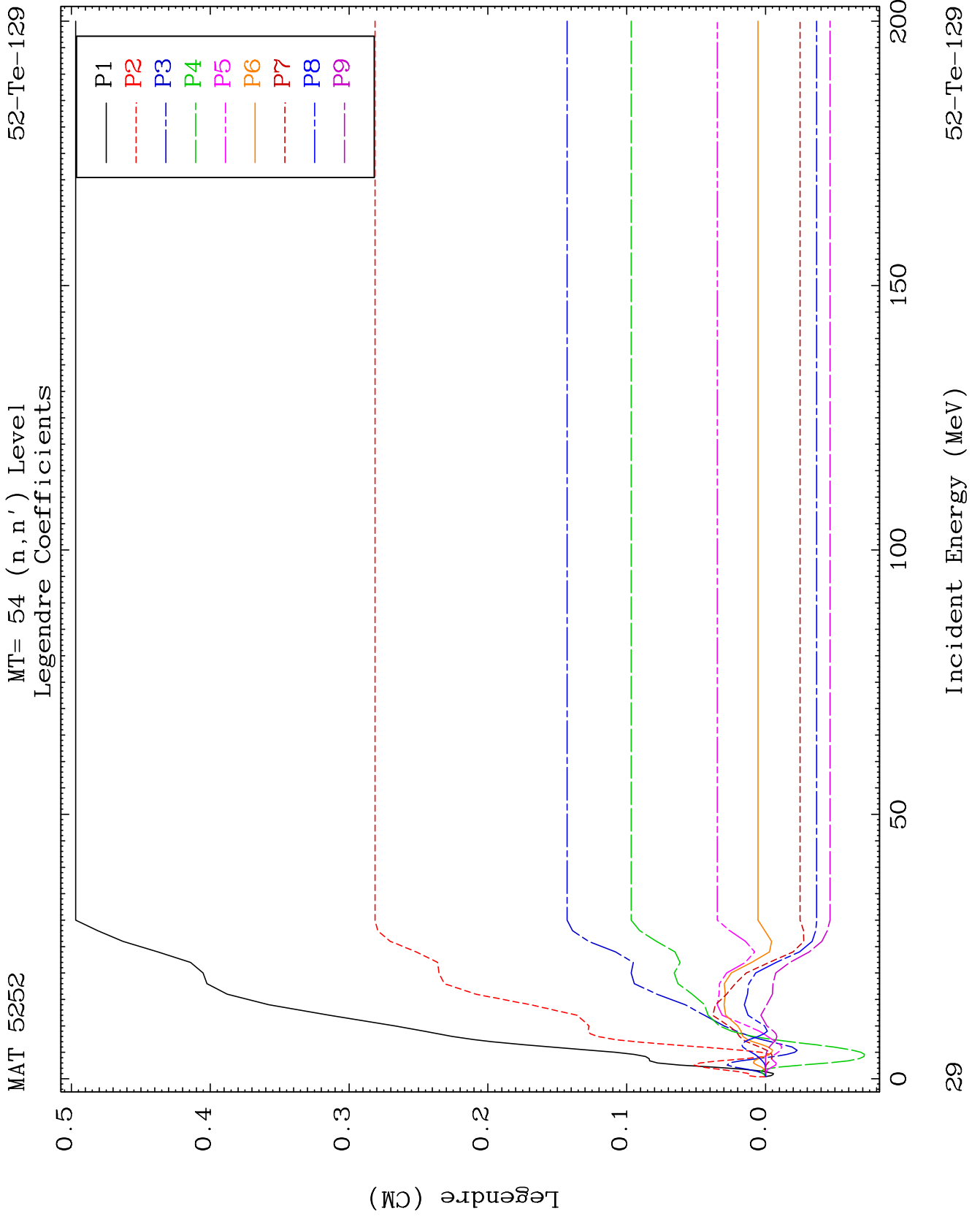
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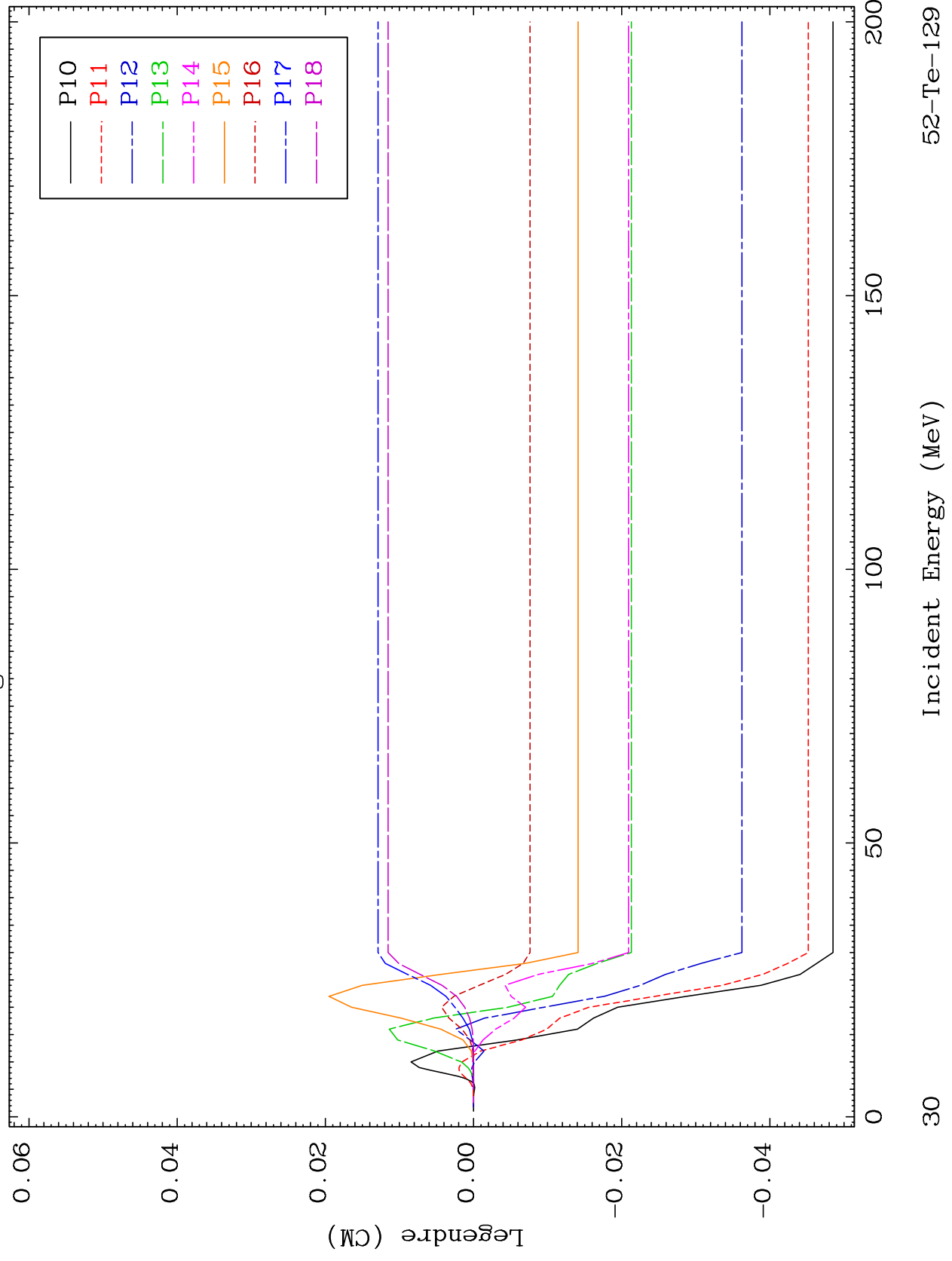




MAT 5252

MT= 54 (n,n') Level  
Legendre Coefficients

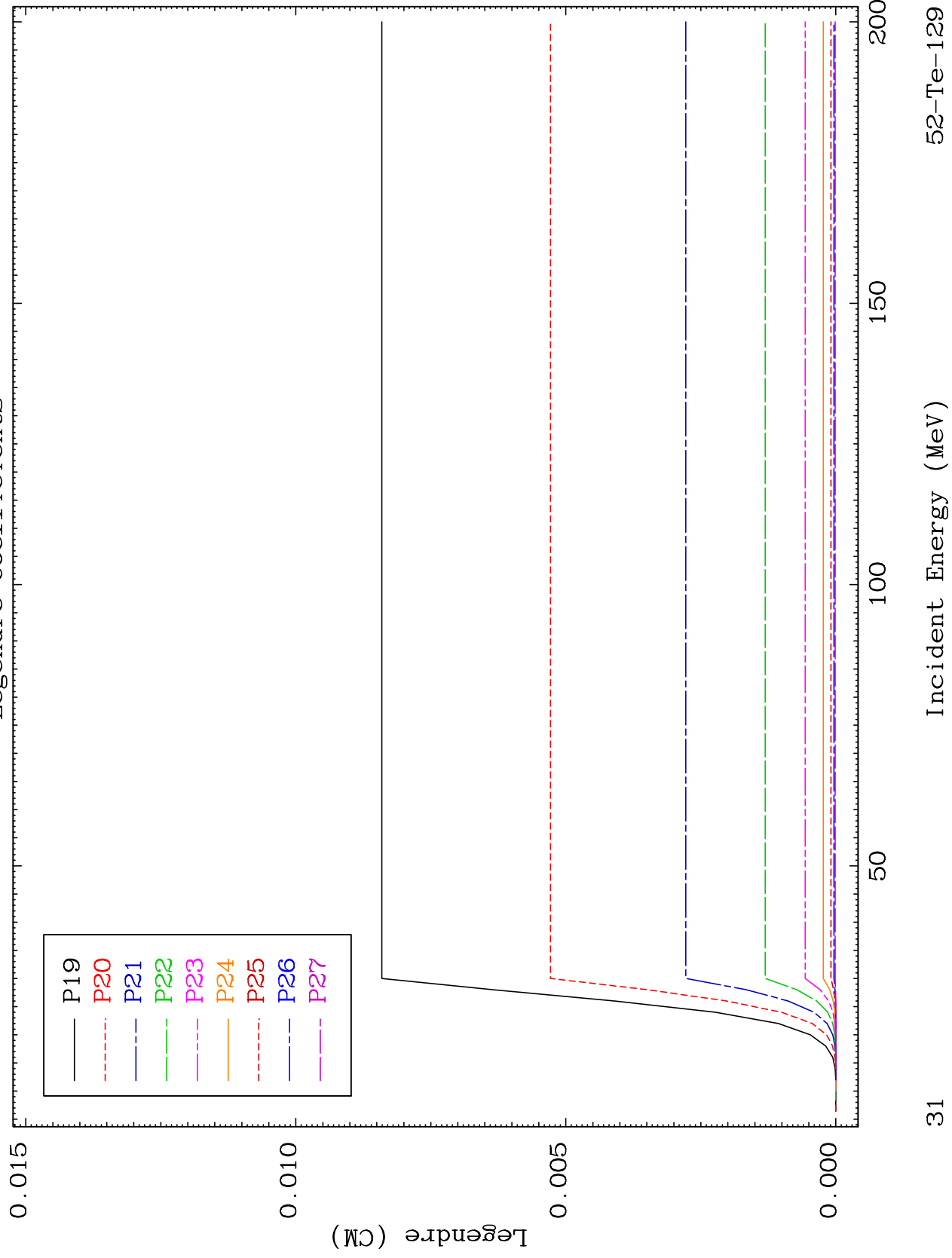
52-Te-129



MAT 5252

MT= 54 (n,n') Level  
Legendre Coefficients

52-Te-129

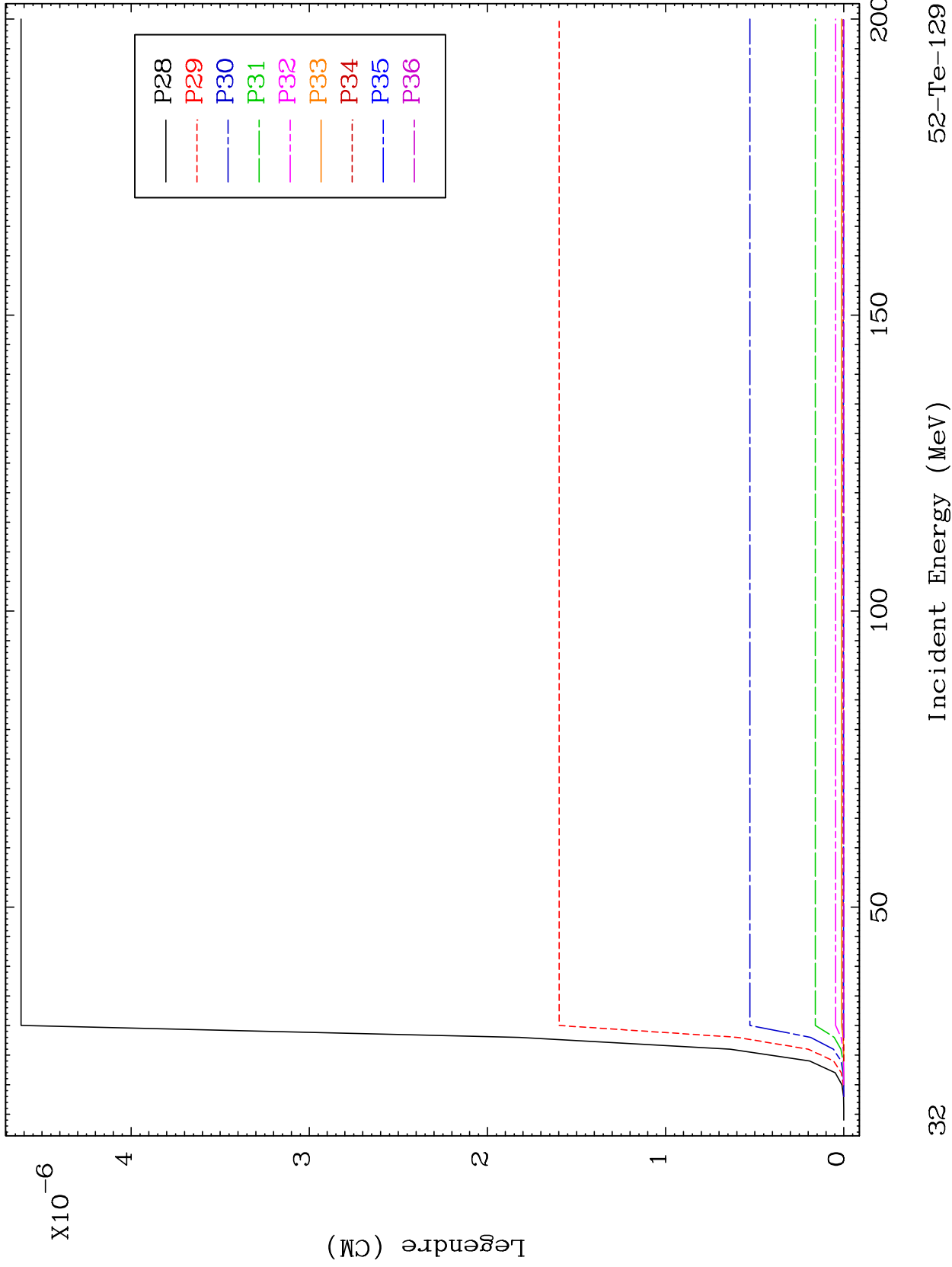




MAT 5252

MT= 54 (n,n') Level  
Legendre Coefficients

52-Te-129

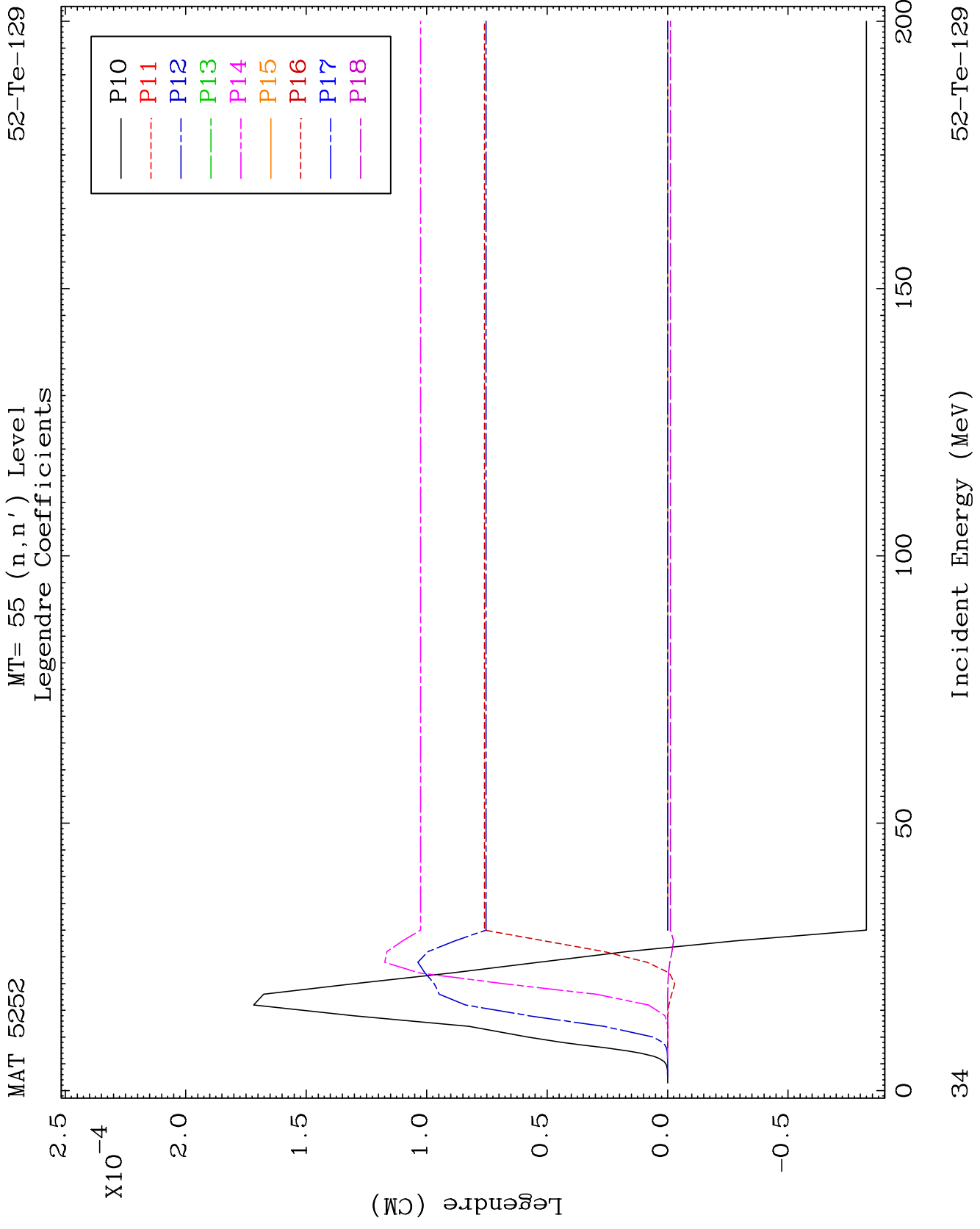


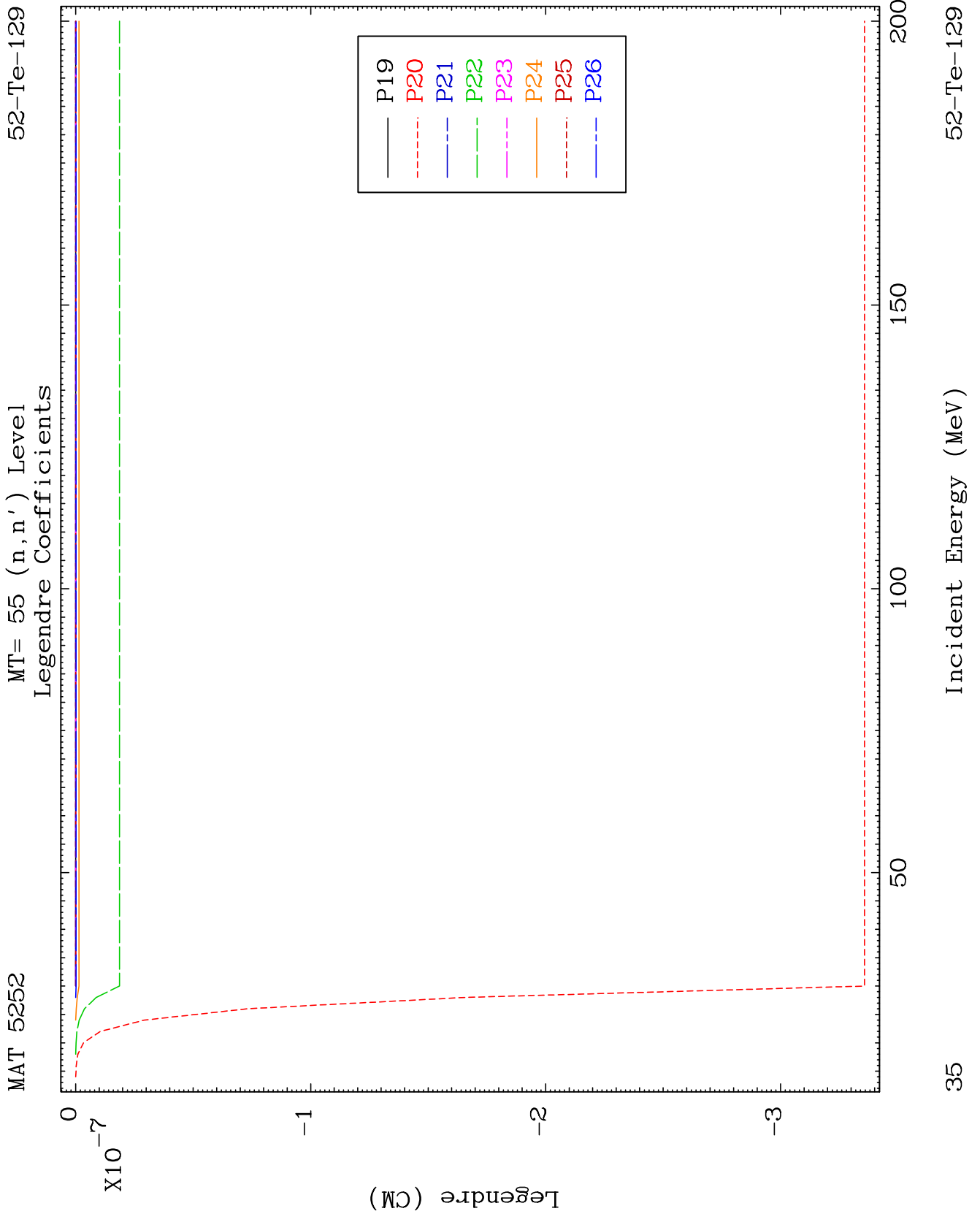
32

Incident Energy (MeV)

52-Te-129





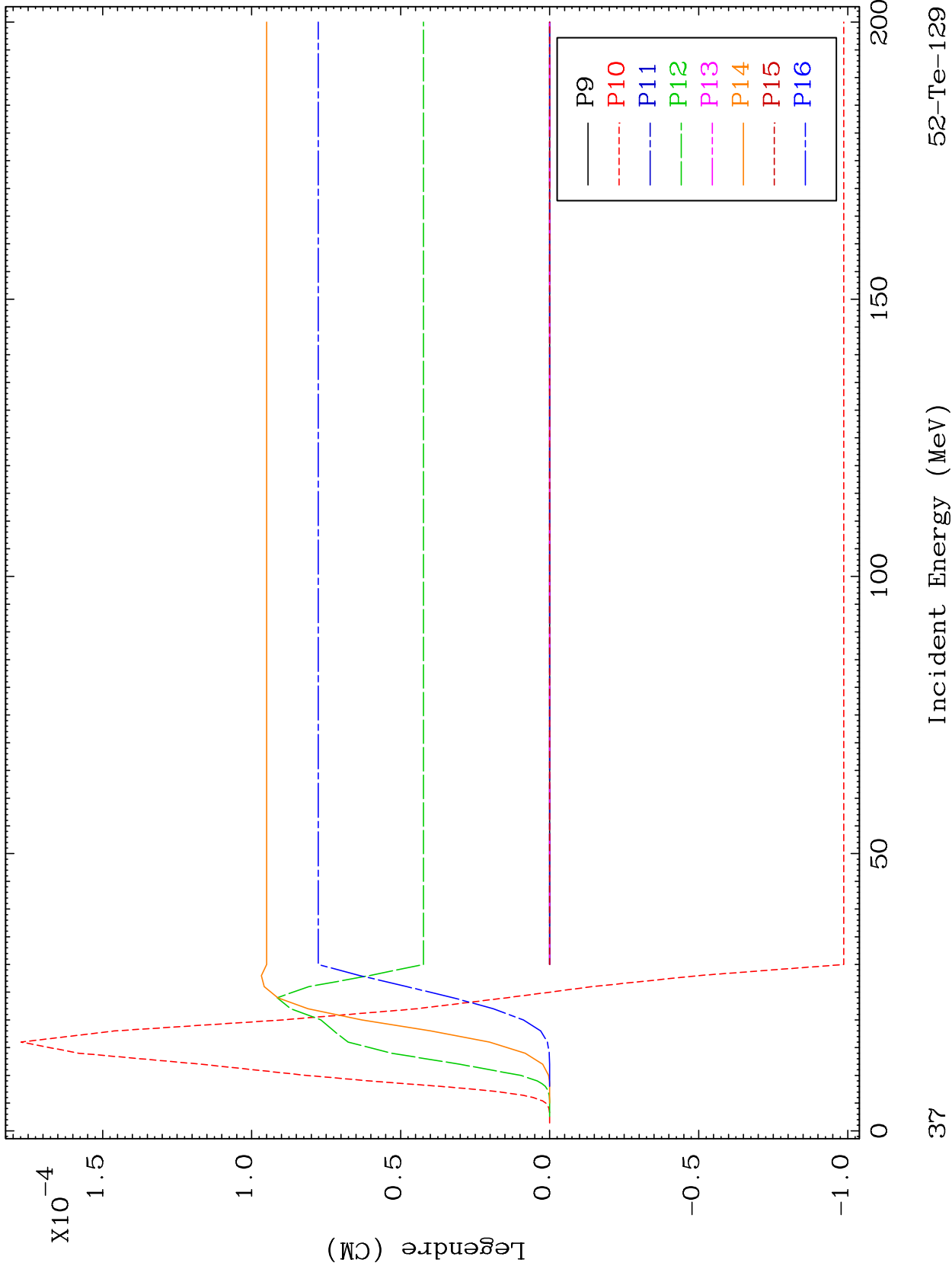




MAT 5252

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

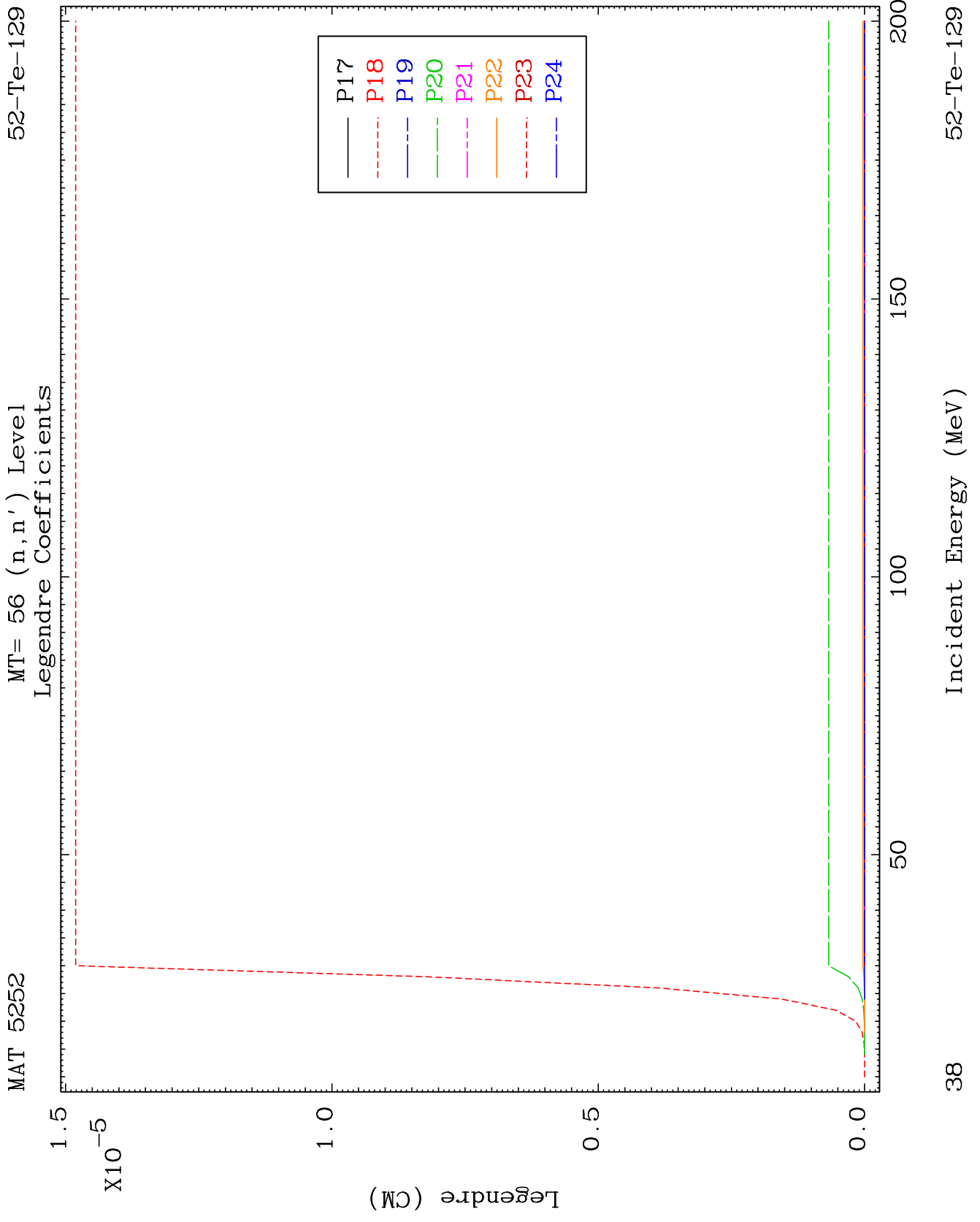
52-Te-129



37

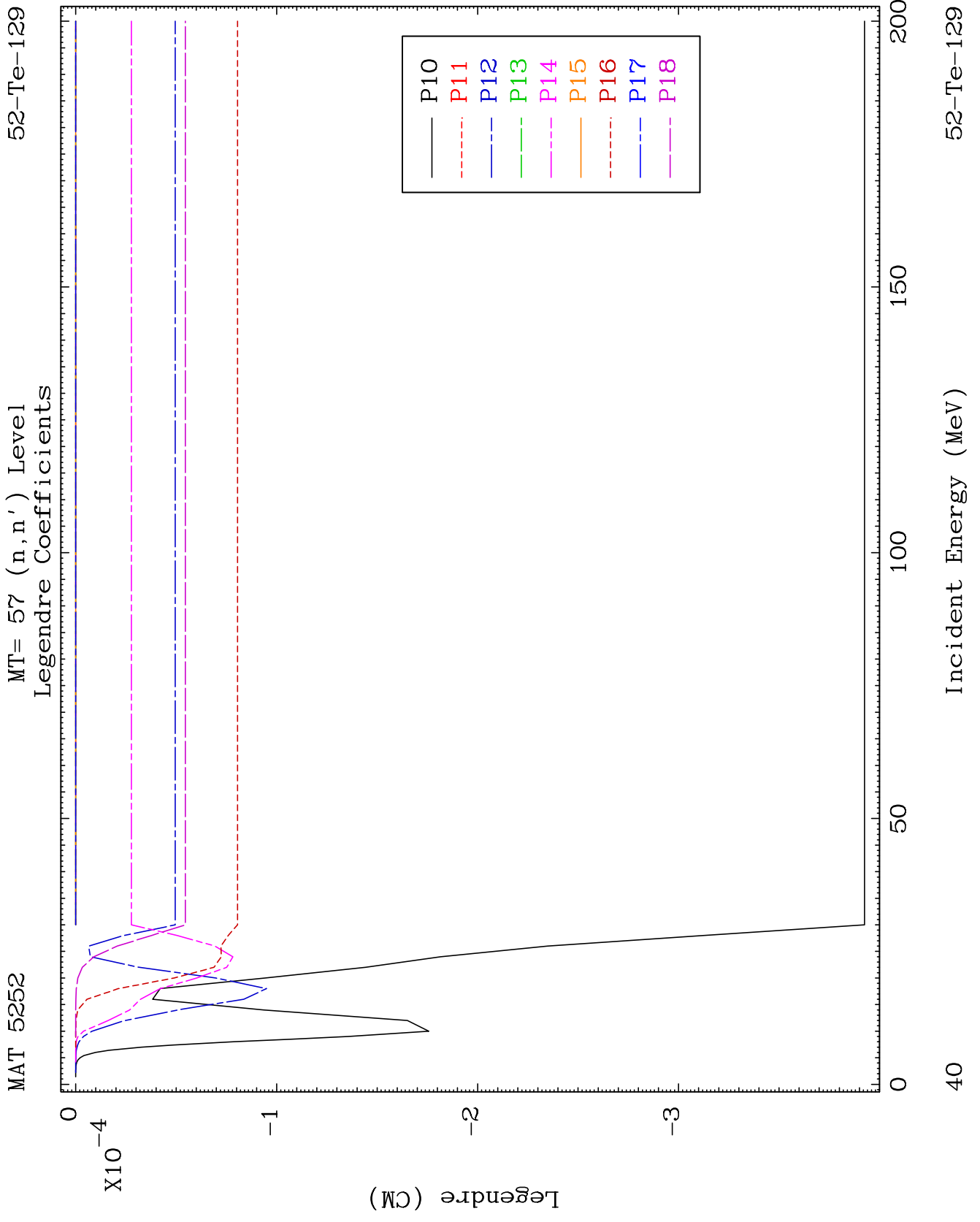
Incident Energy (MeV)

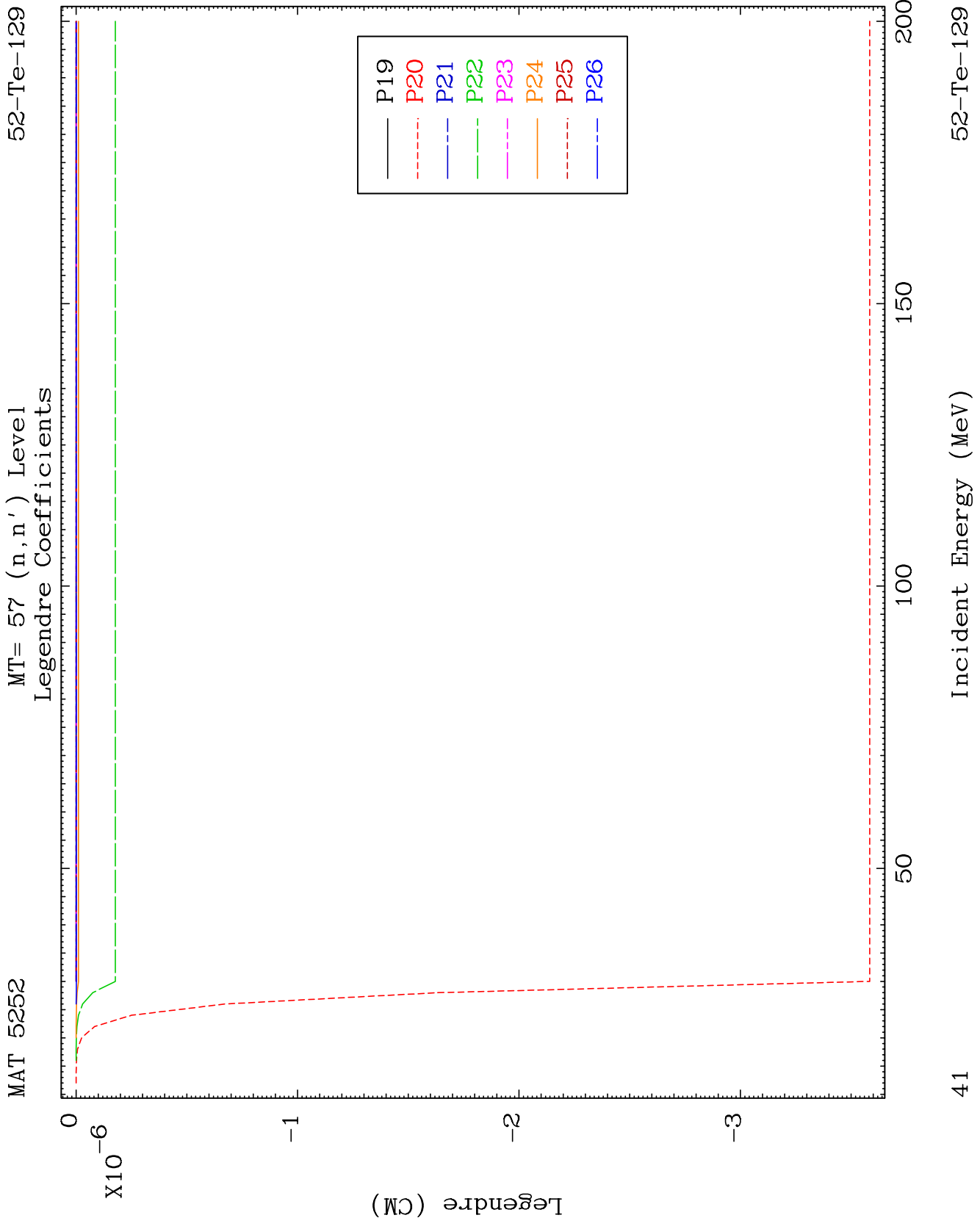
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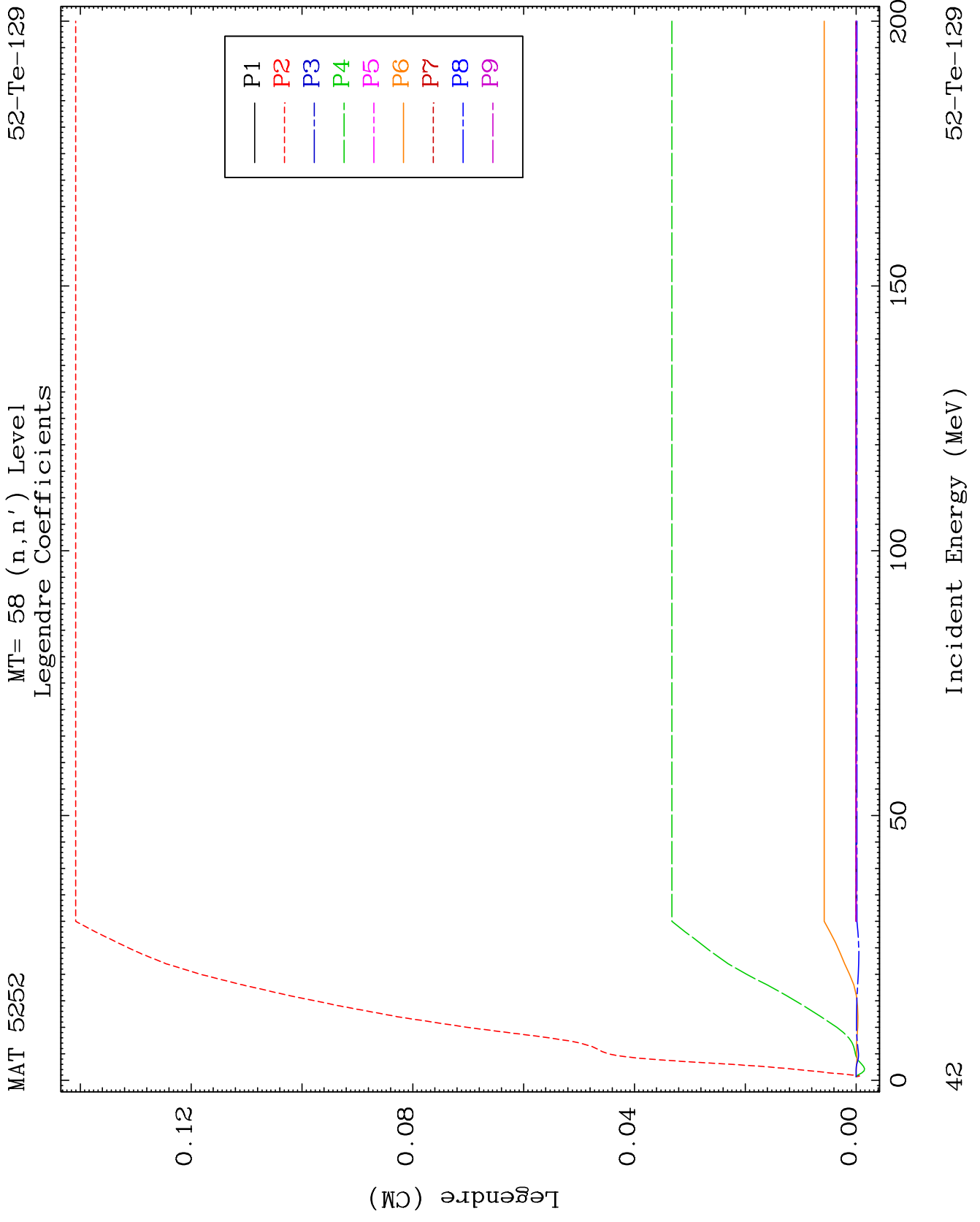


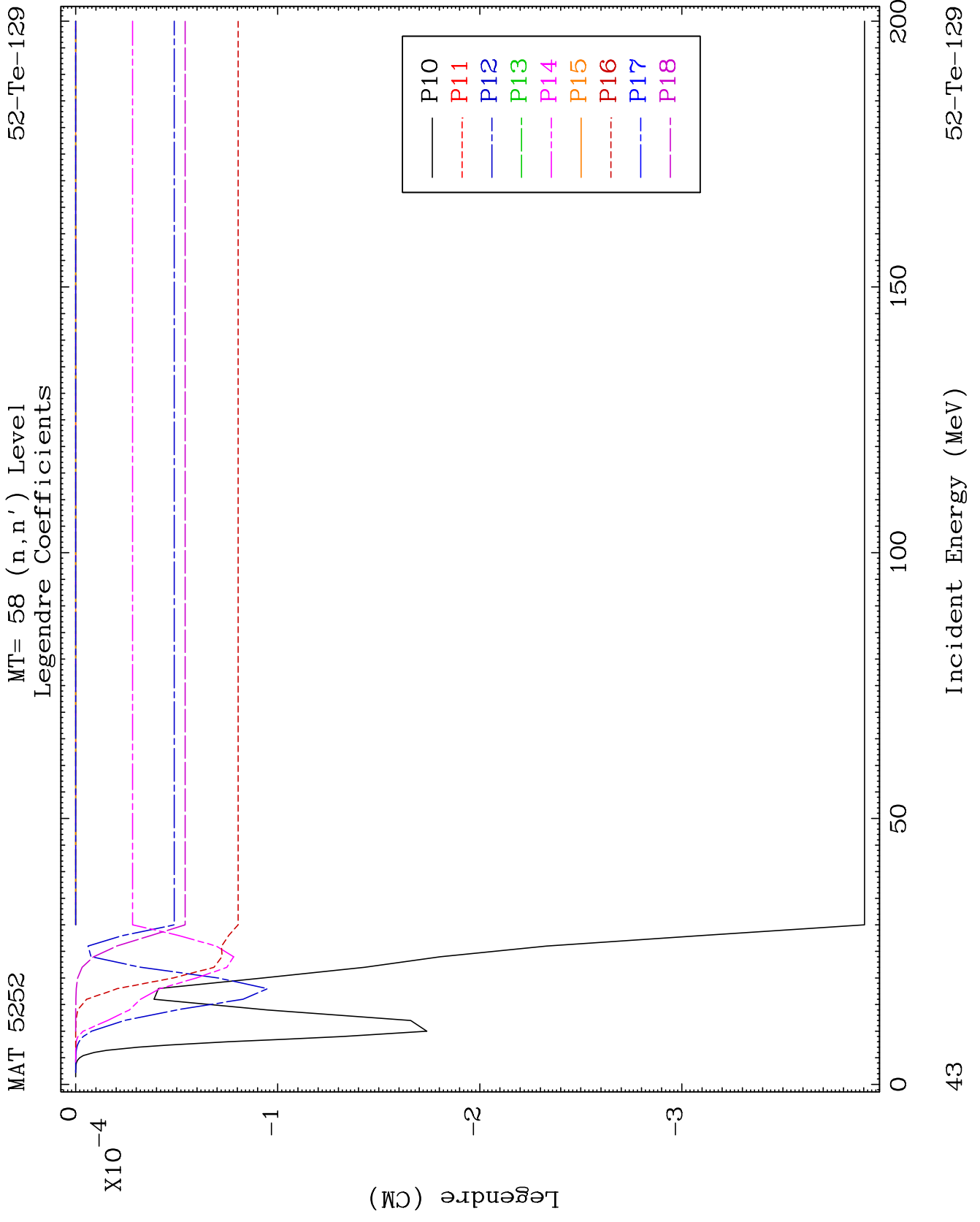


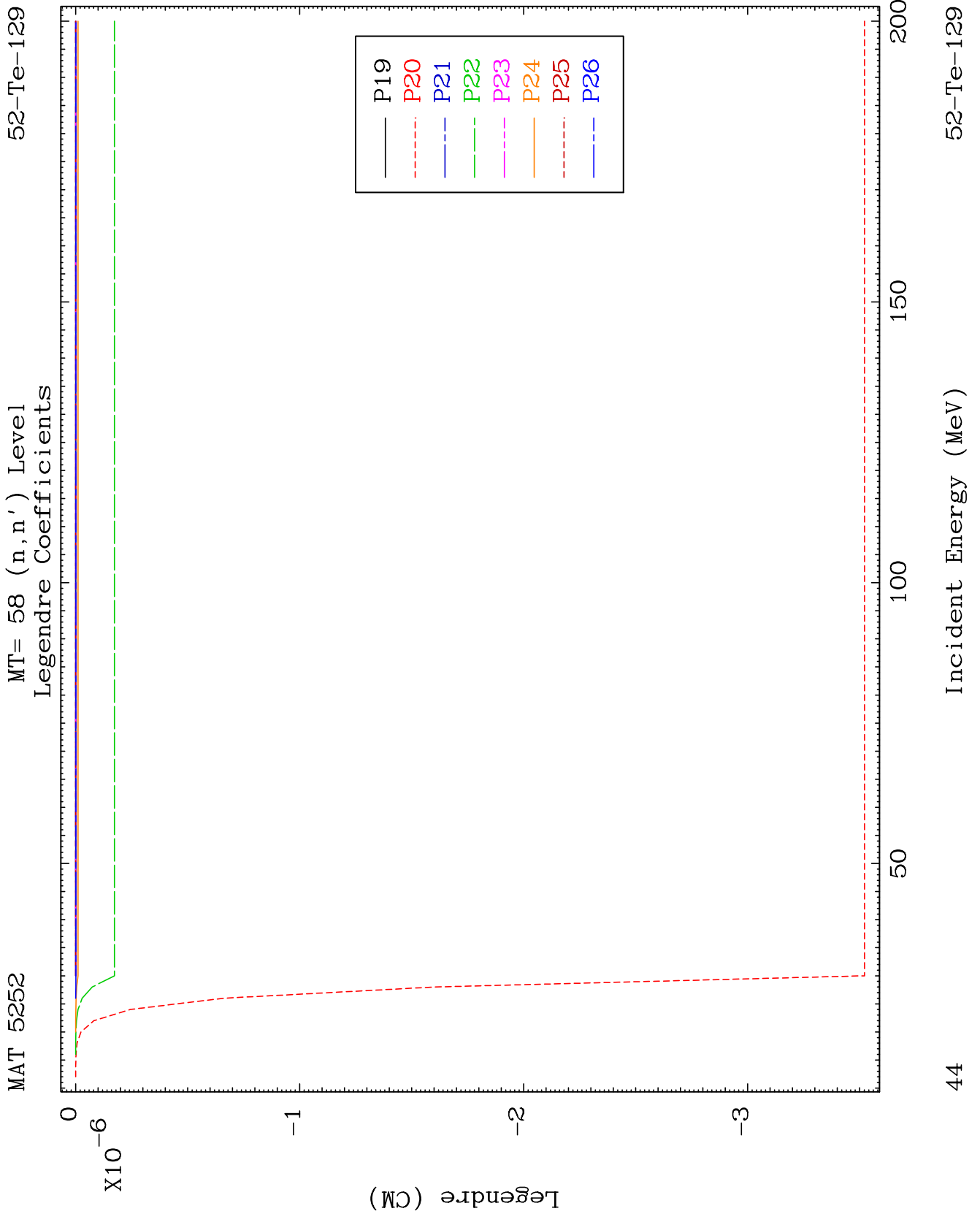




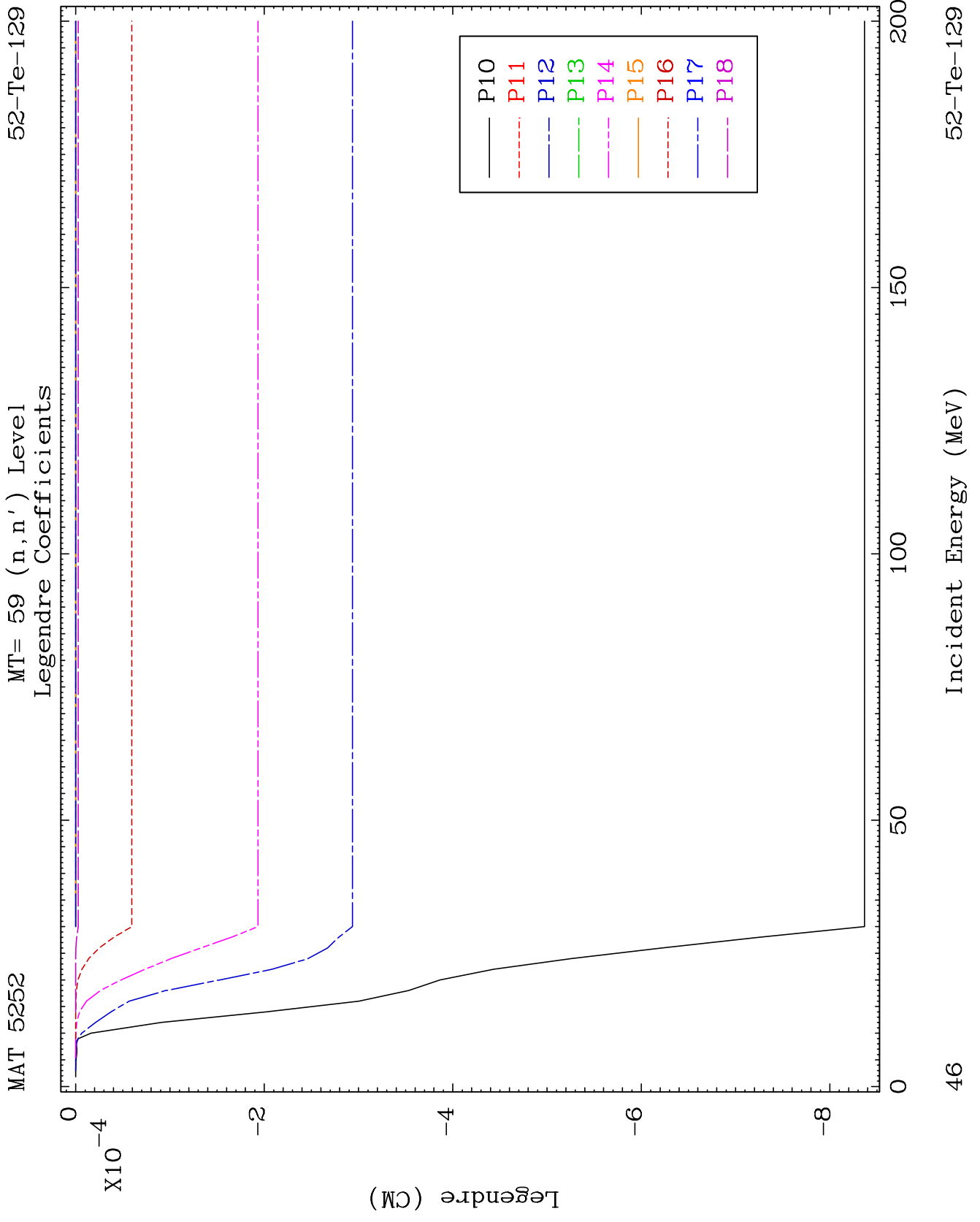


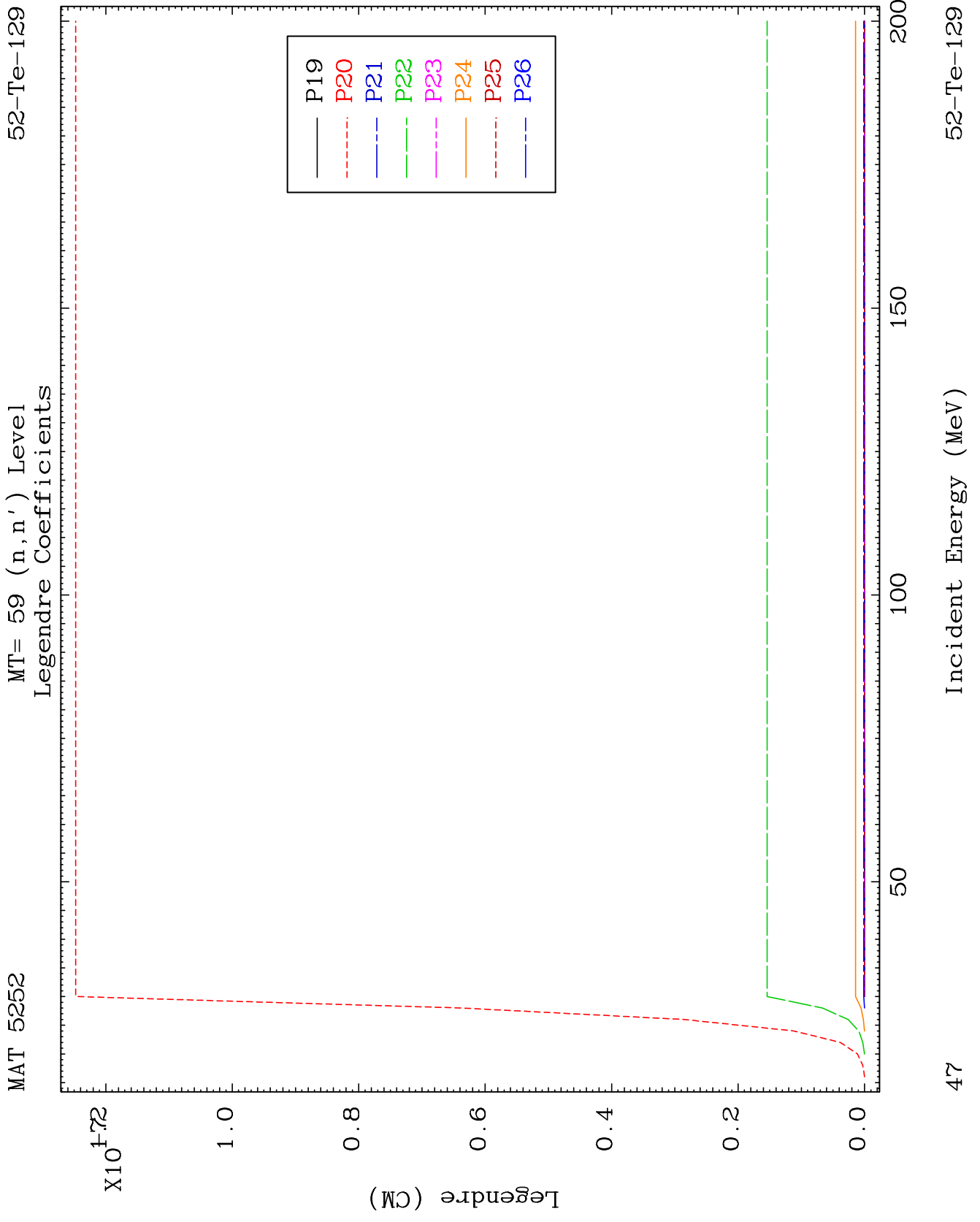




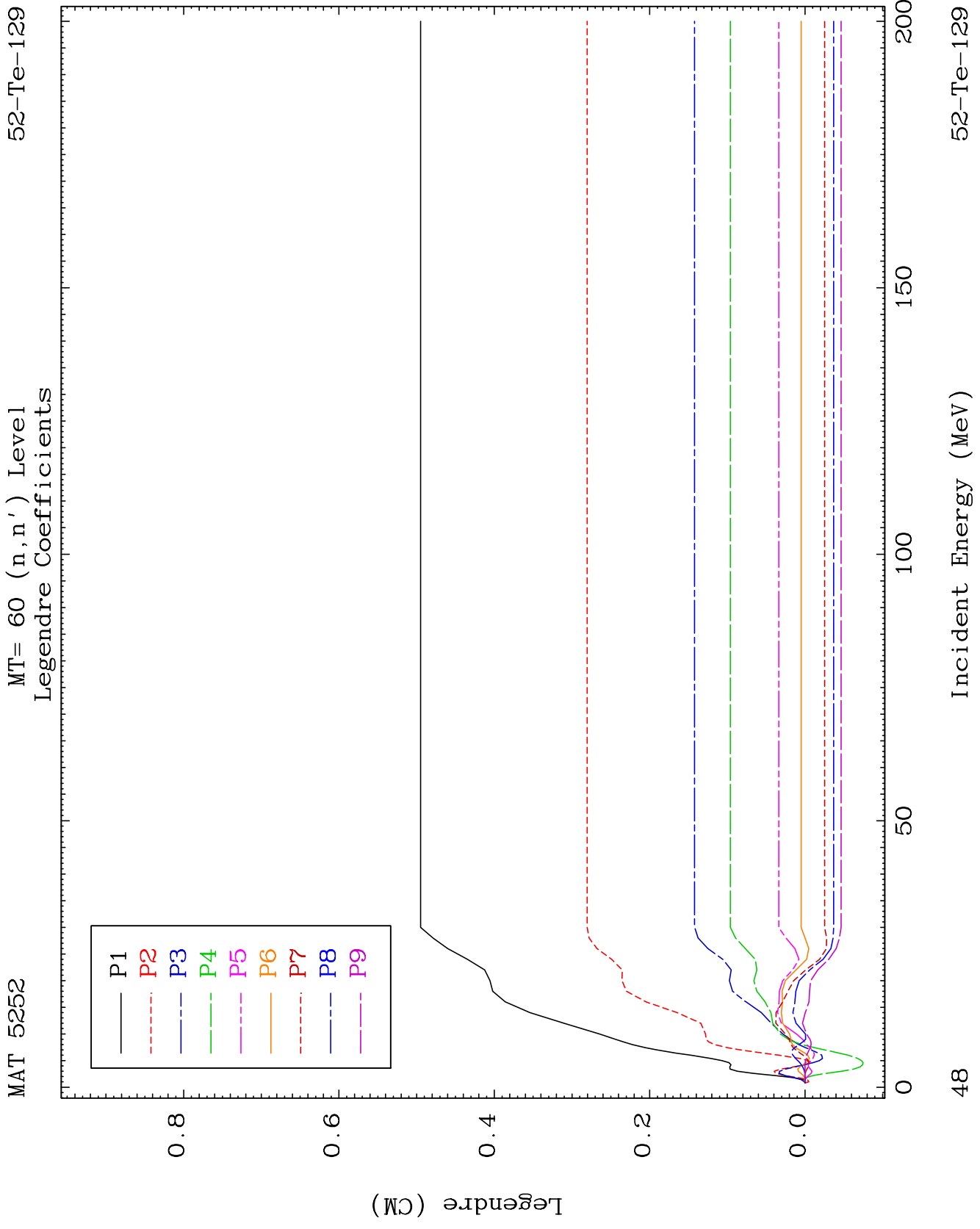




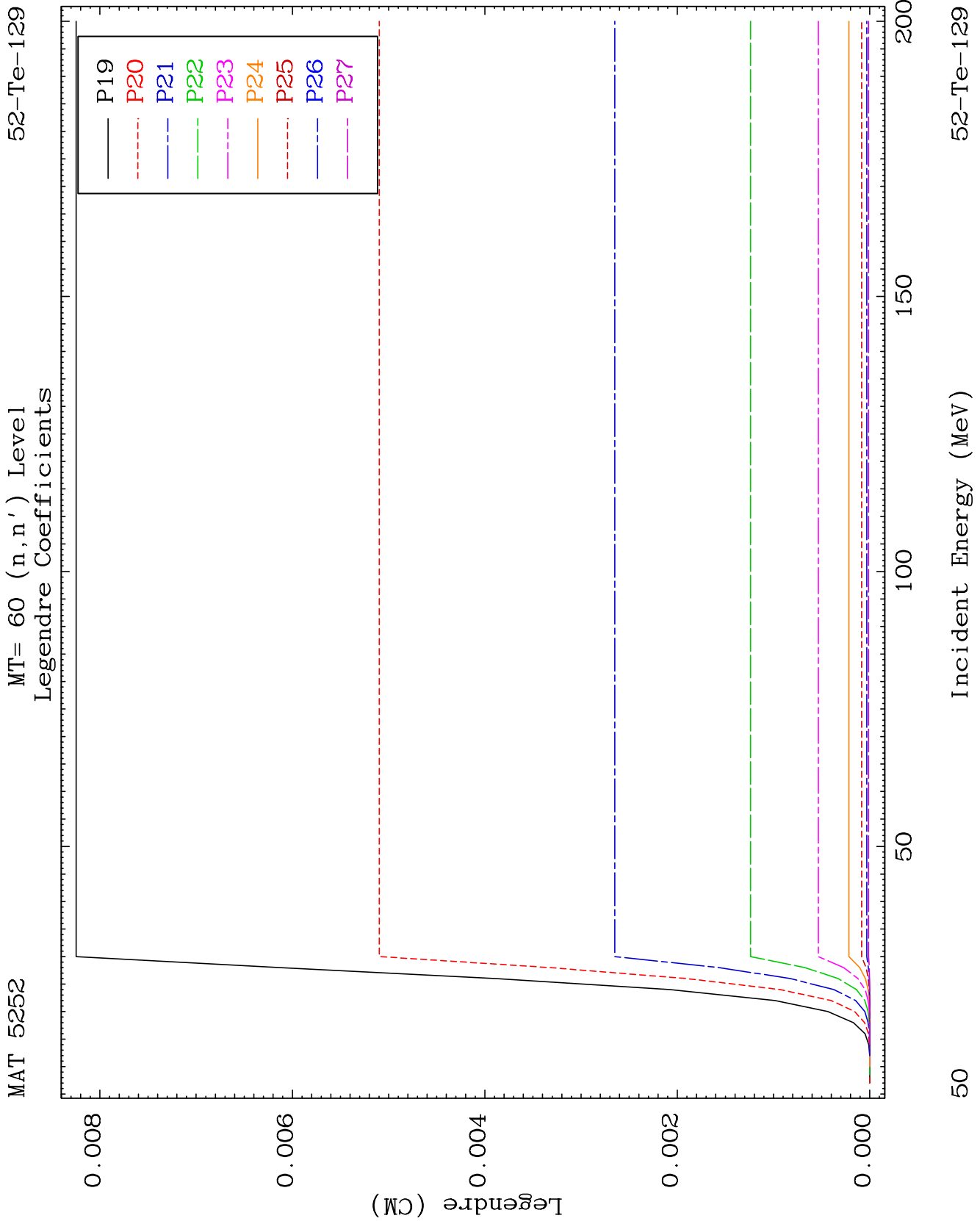








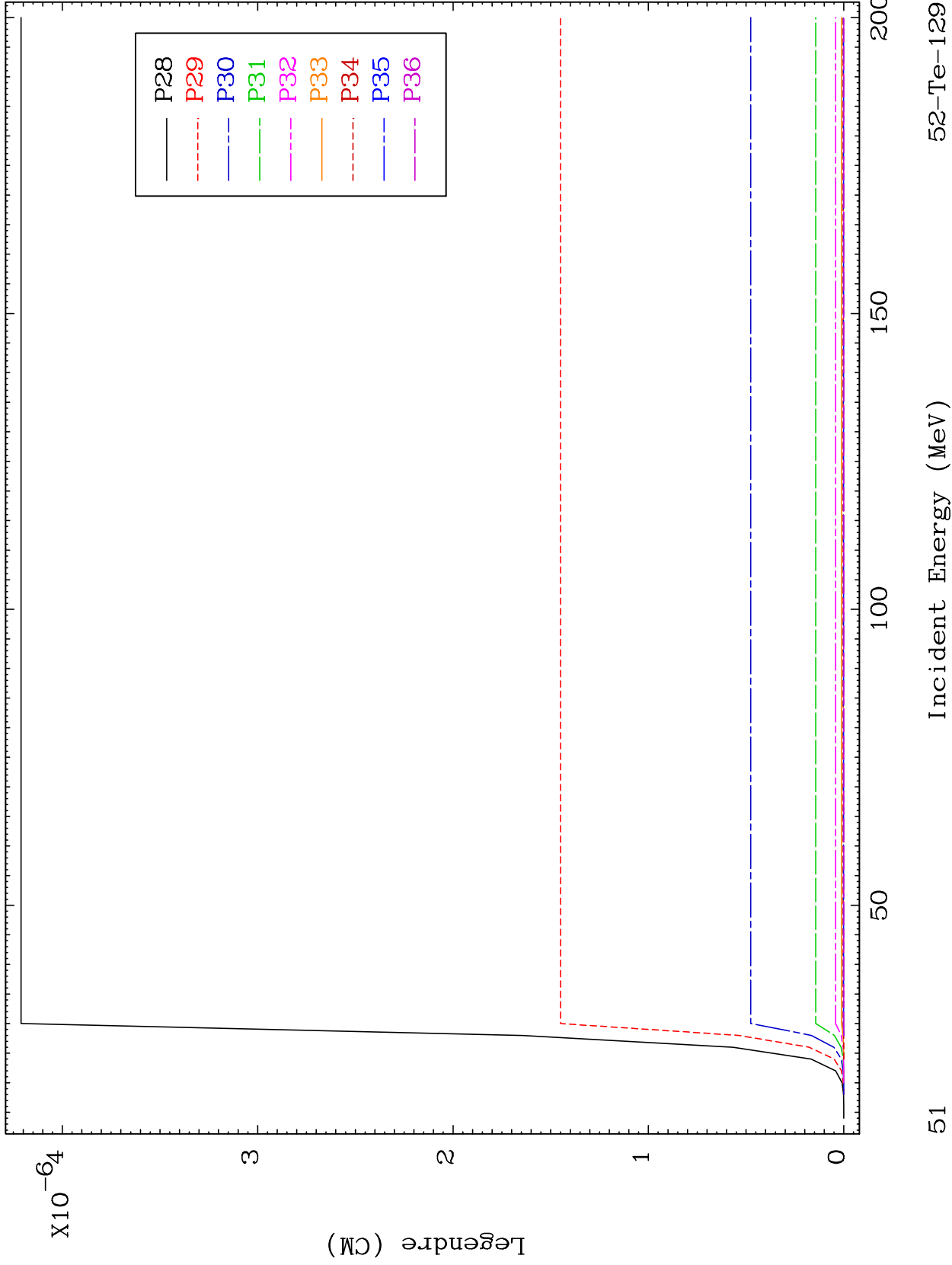




MAT 5252

MT= 60 (n,n') Level  
Legendre Coefficients

52-Te-129



51

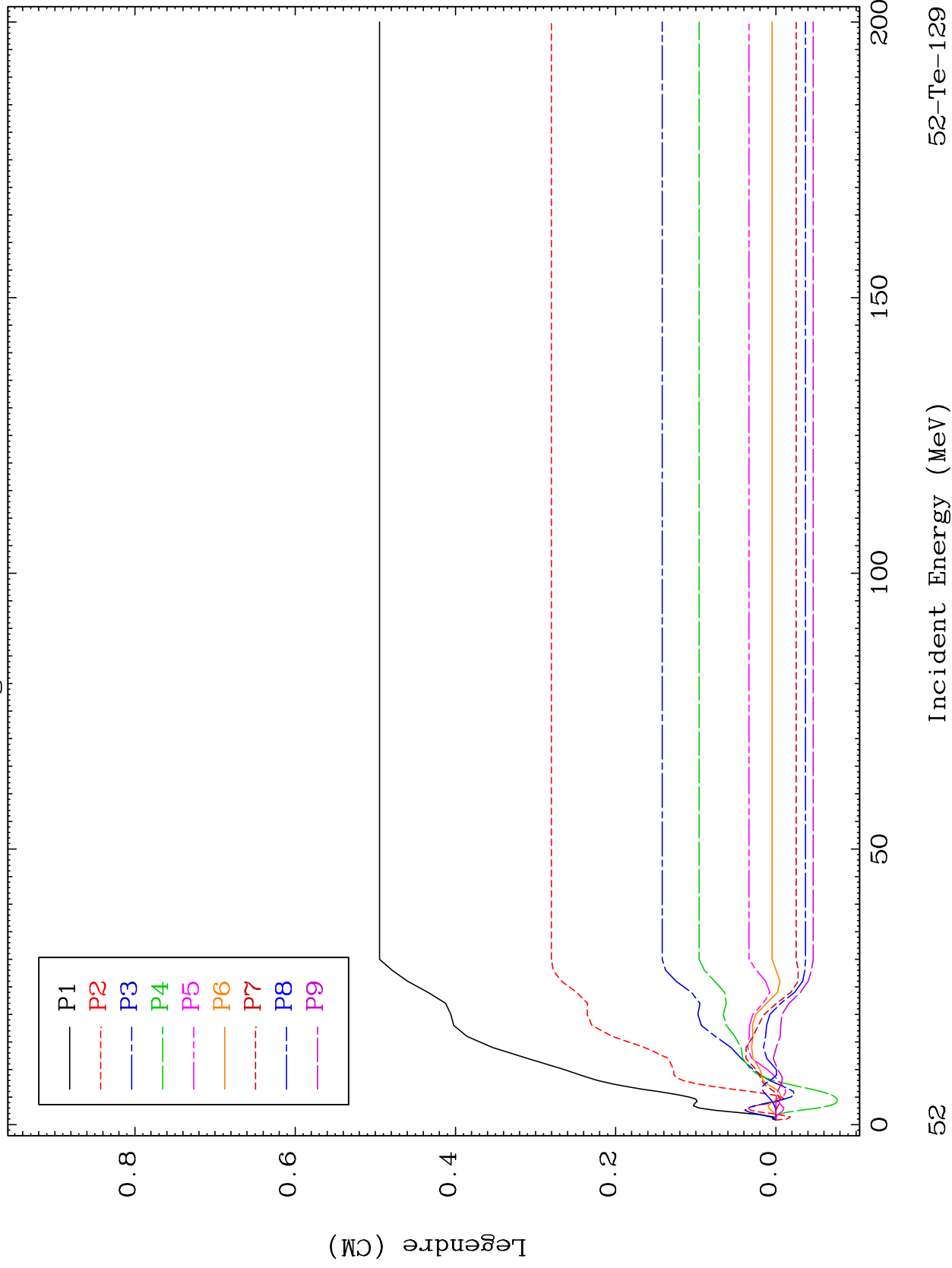
Incident Energy (MeV)

52-Te-129

MAT 5252

MT= 61 (n,n') Level  
Legendre Coefficients

52-Te-129

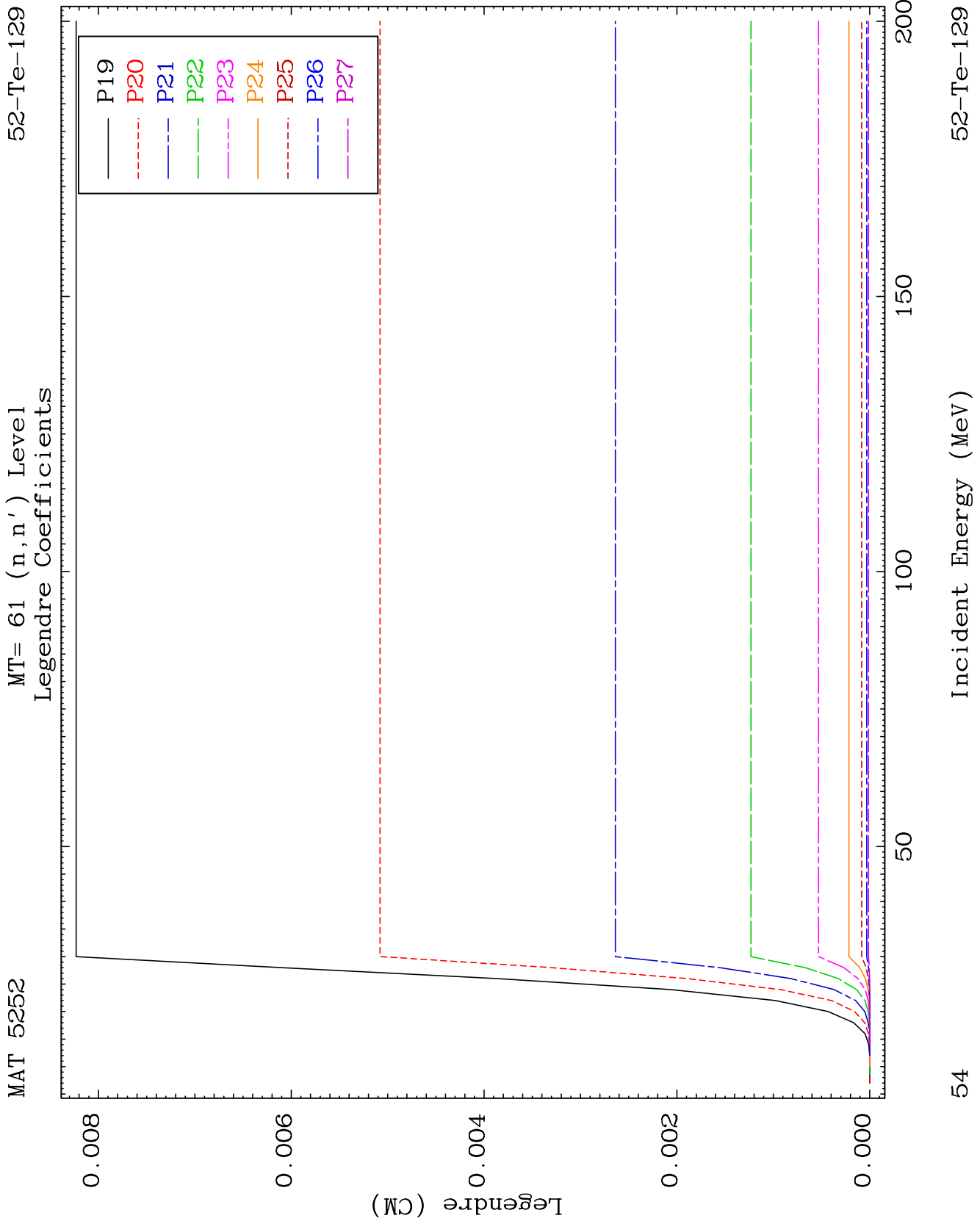


52-Te-129

Incident Energy (MeV)

52

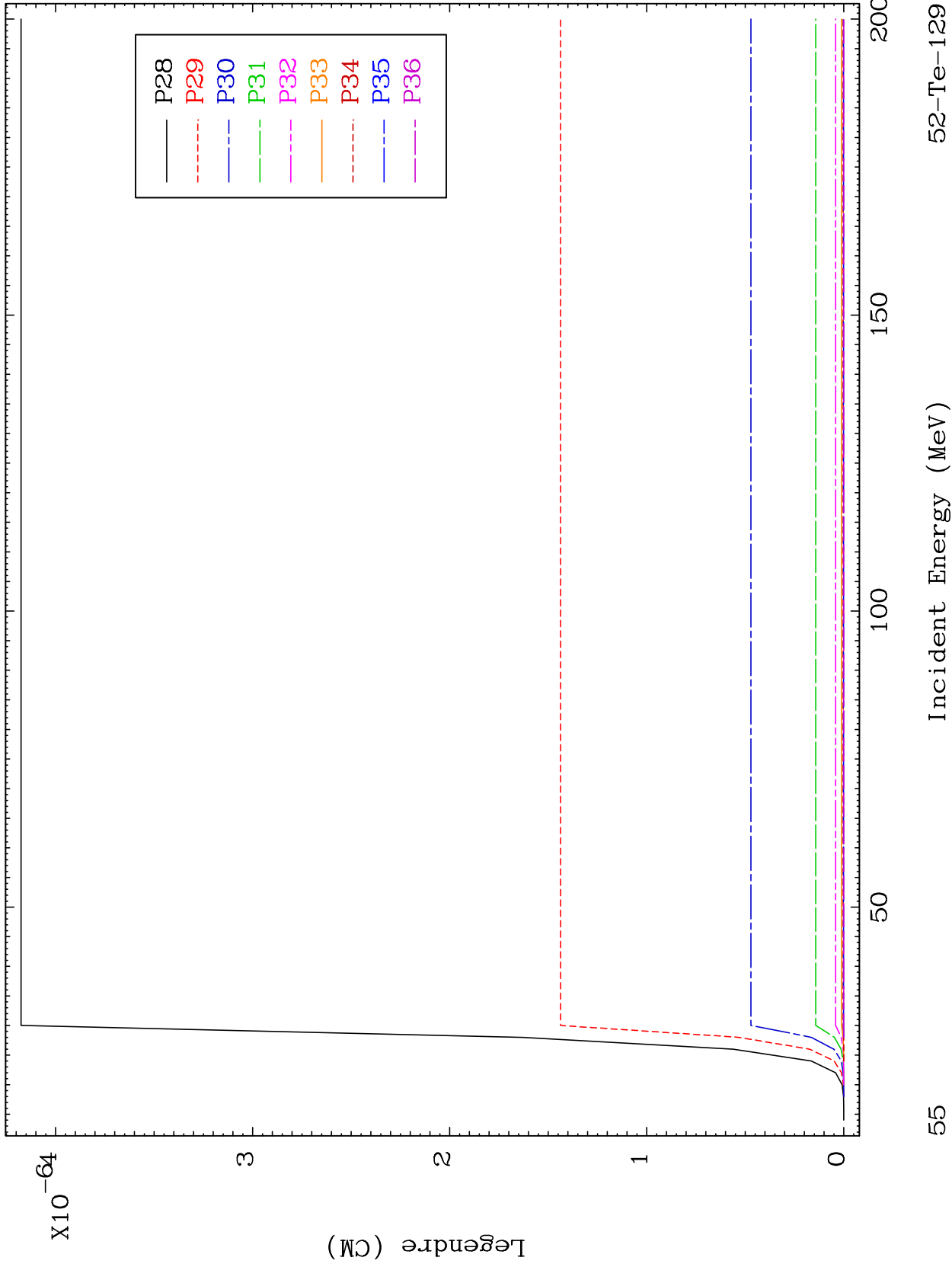




MAT 5252

MT= 61 (n,n') Level  
Legendre Coefficients

52-Te-129



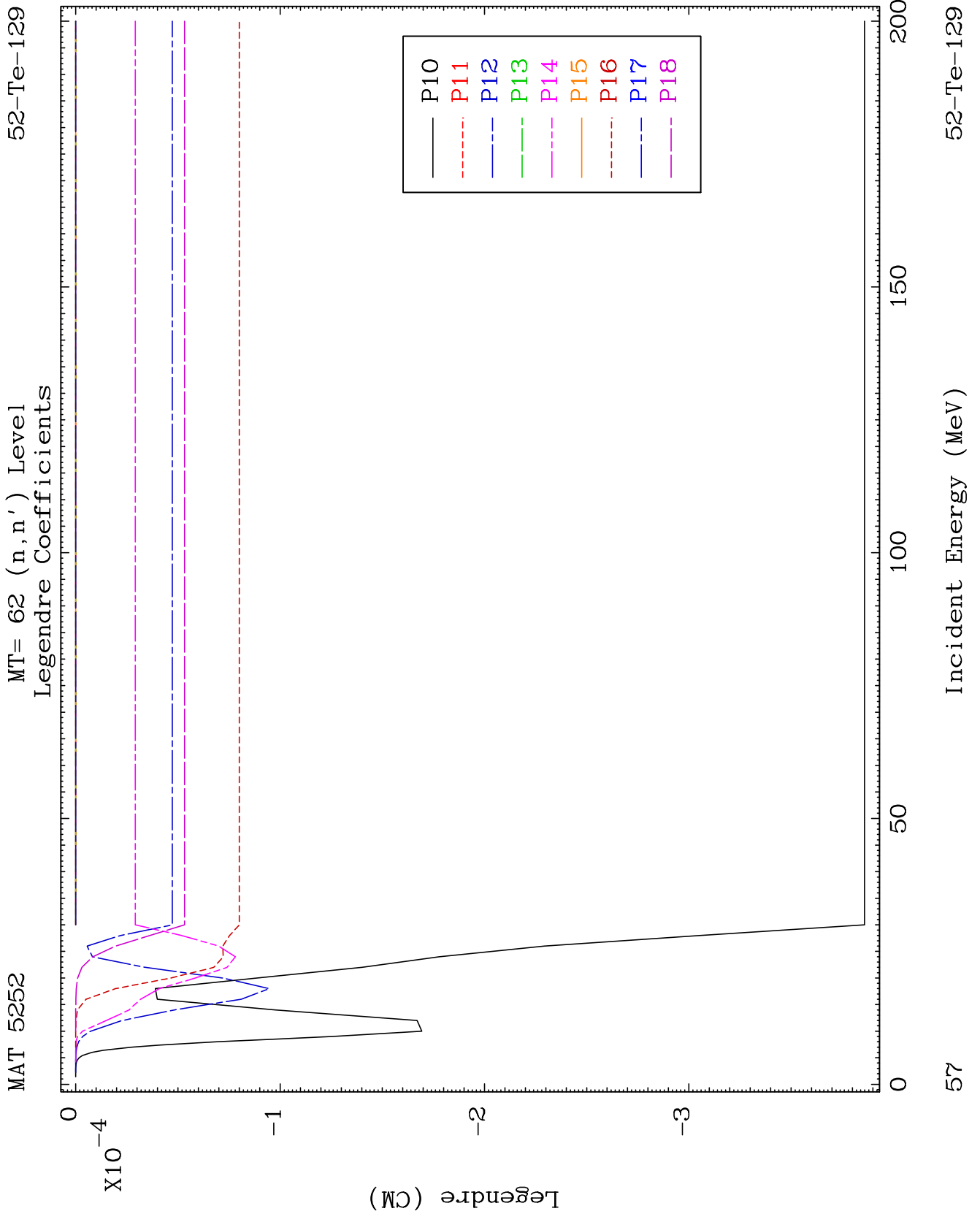
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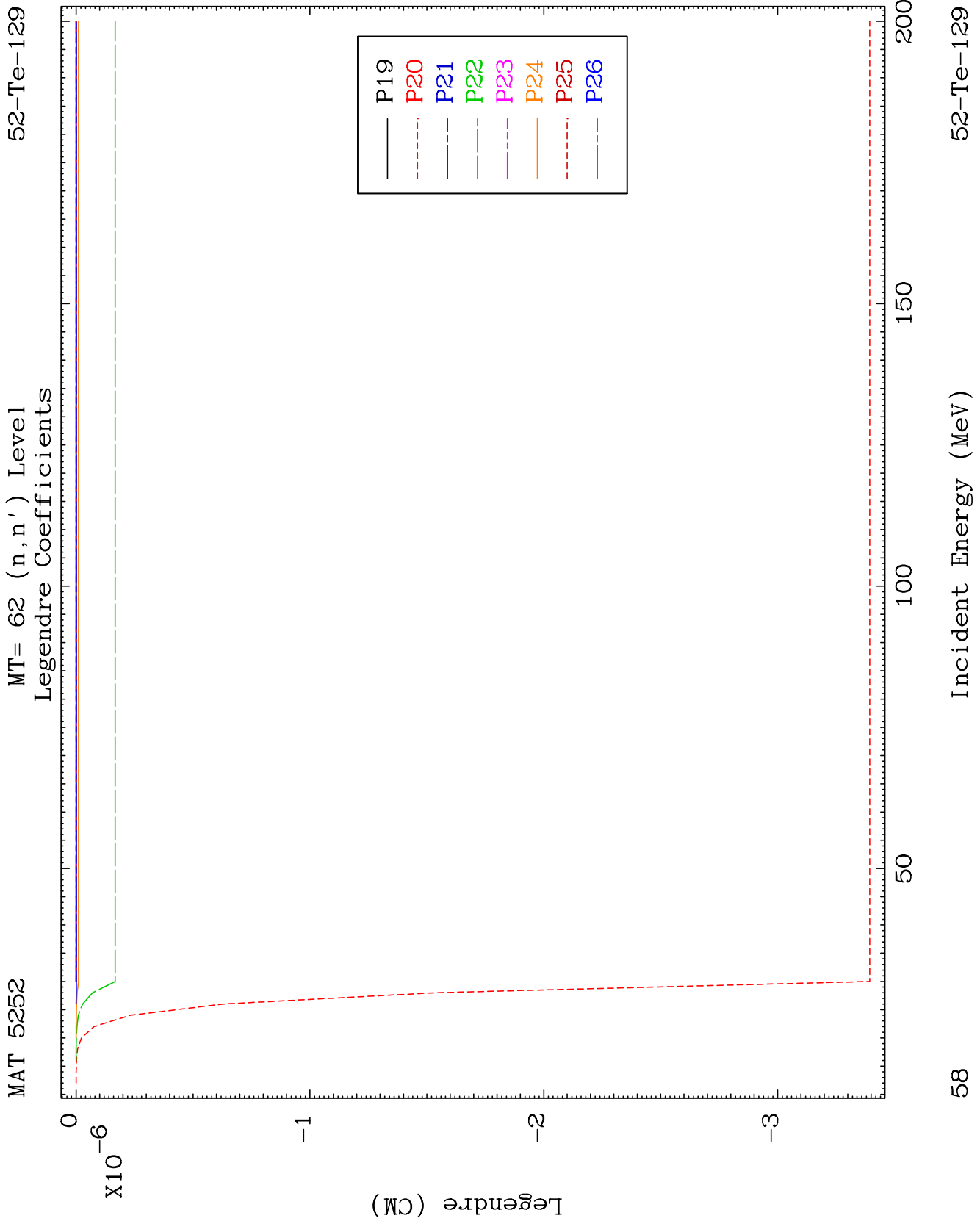
Incident Energy (MeV)

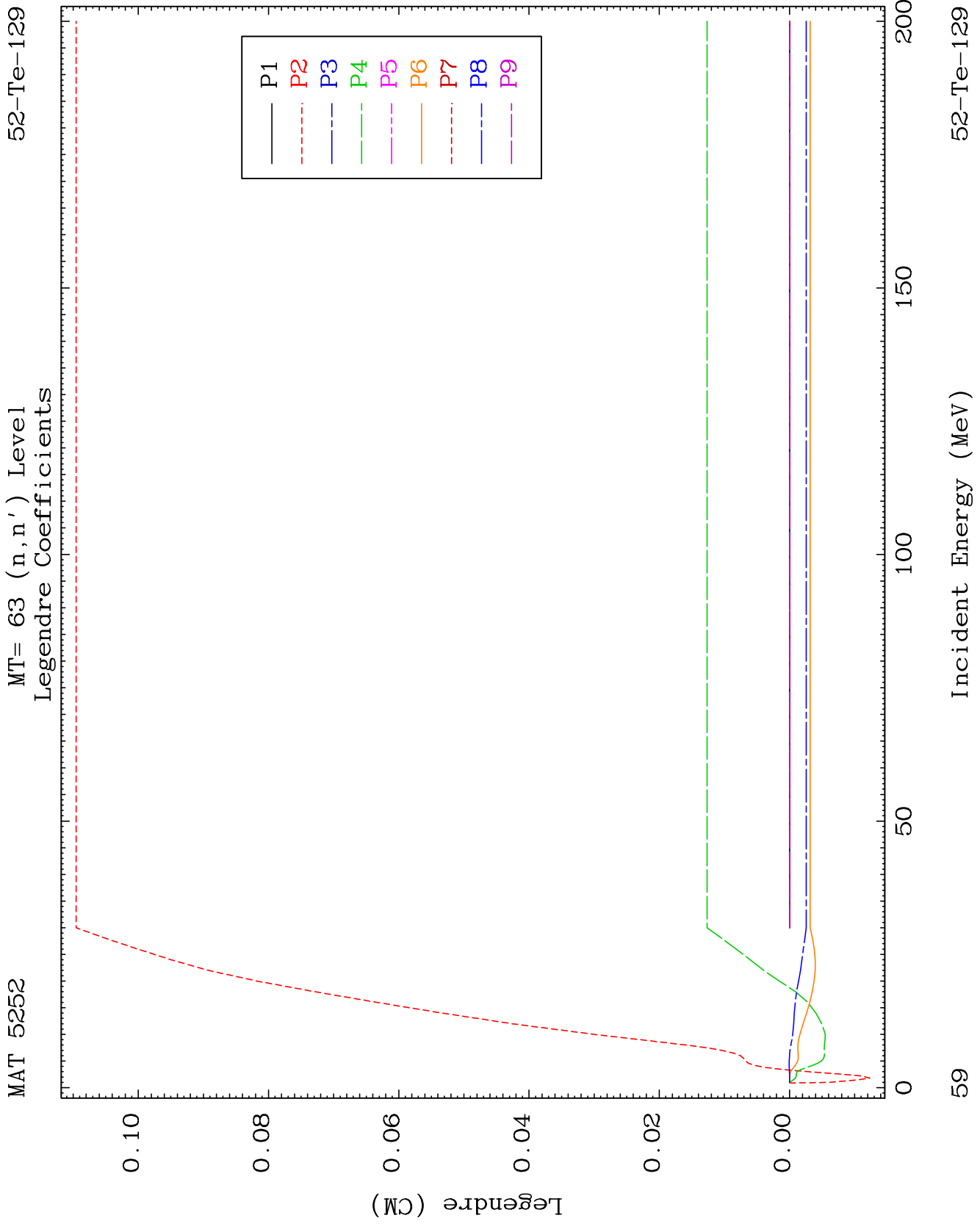
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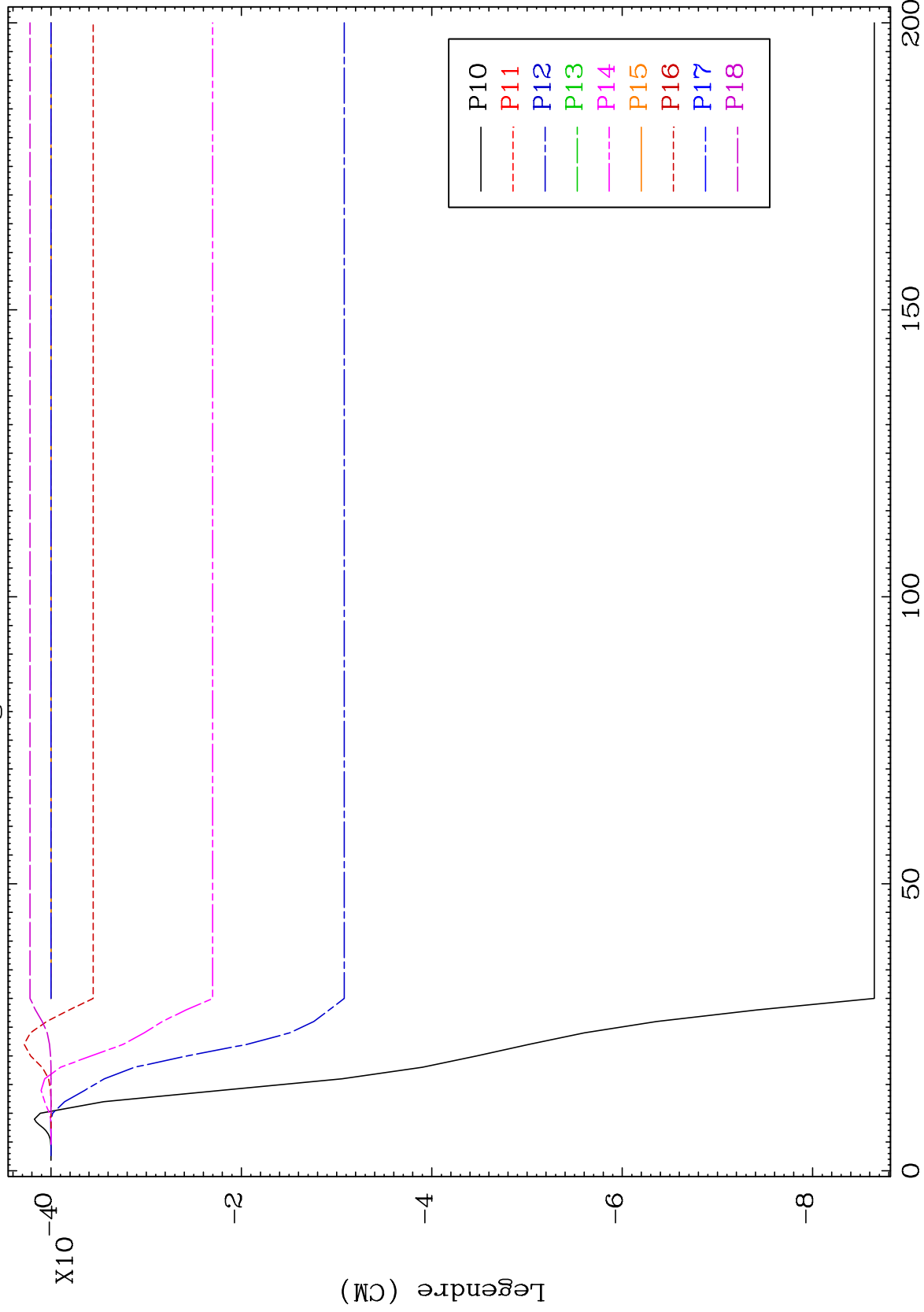




MAT 5252

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

52-Te-129



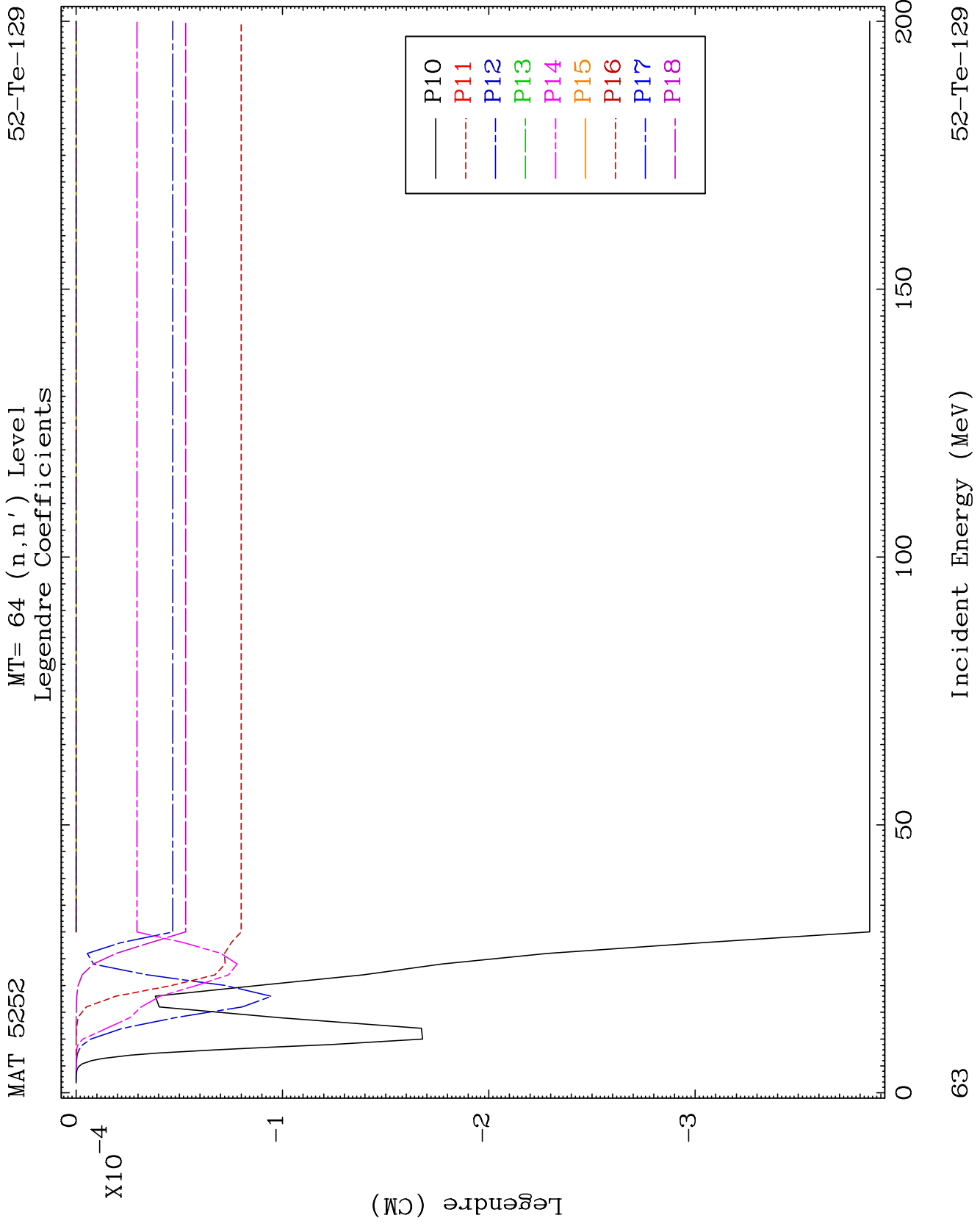
52-Te-129

Incident Energy (MeV)

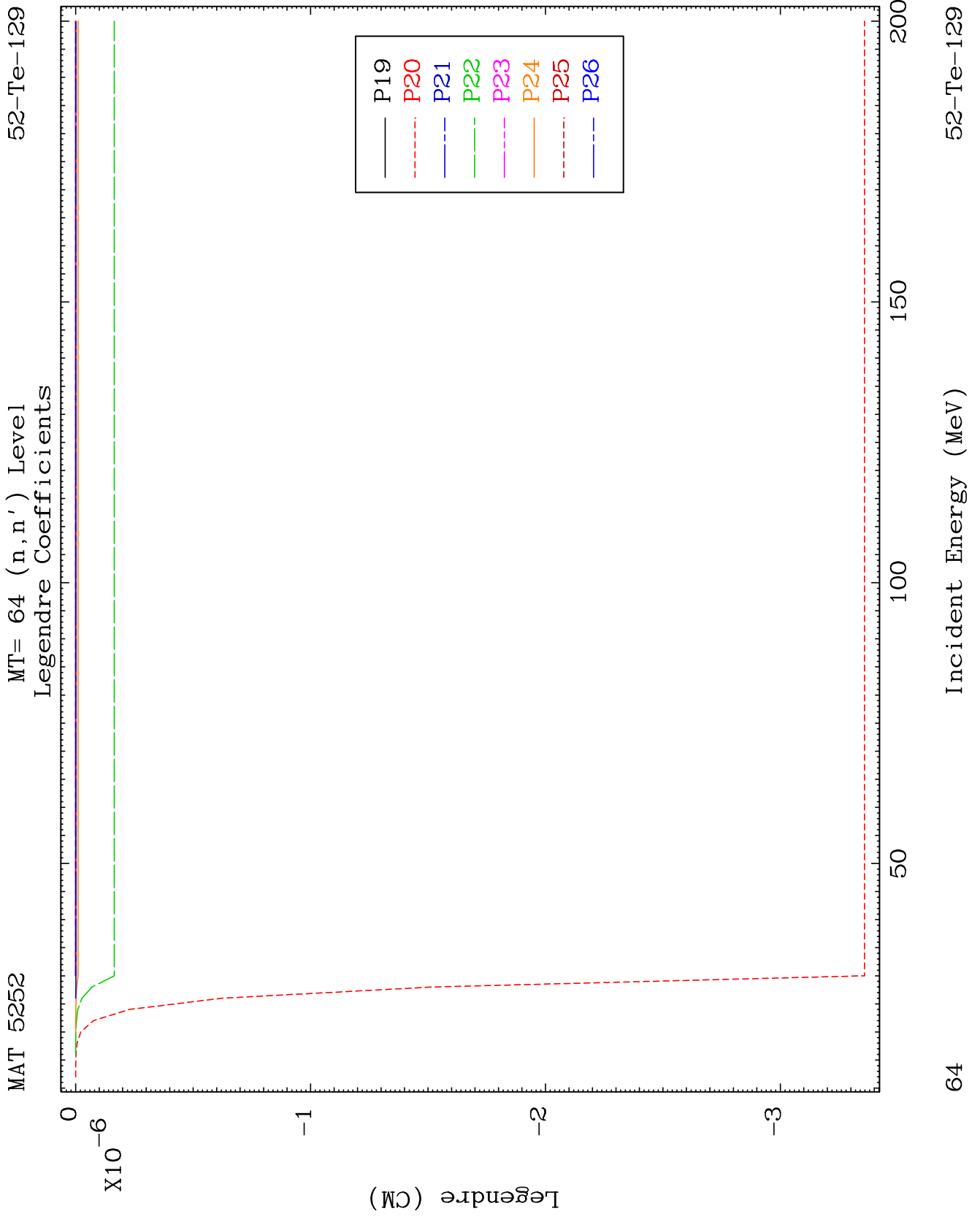
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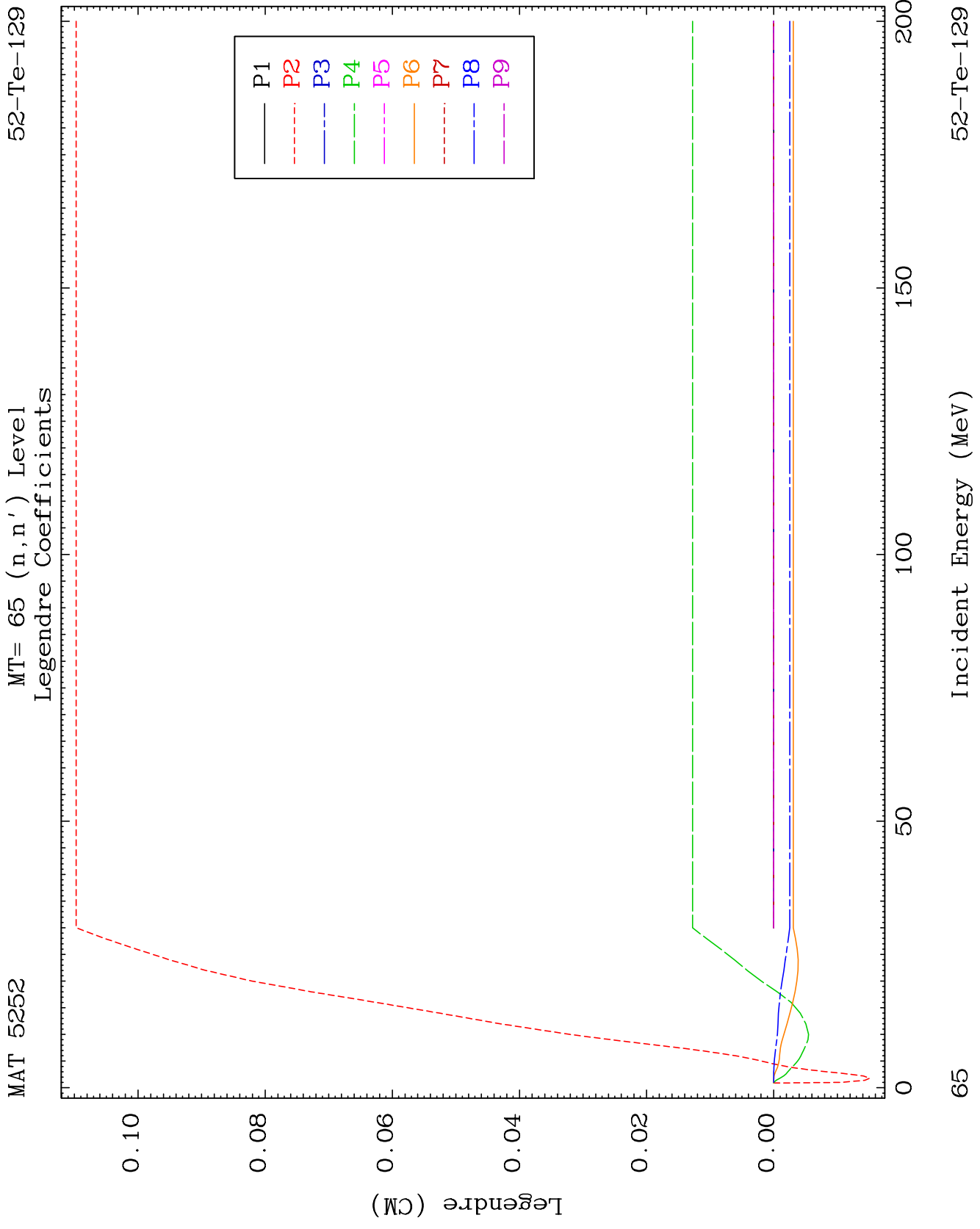








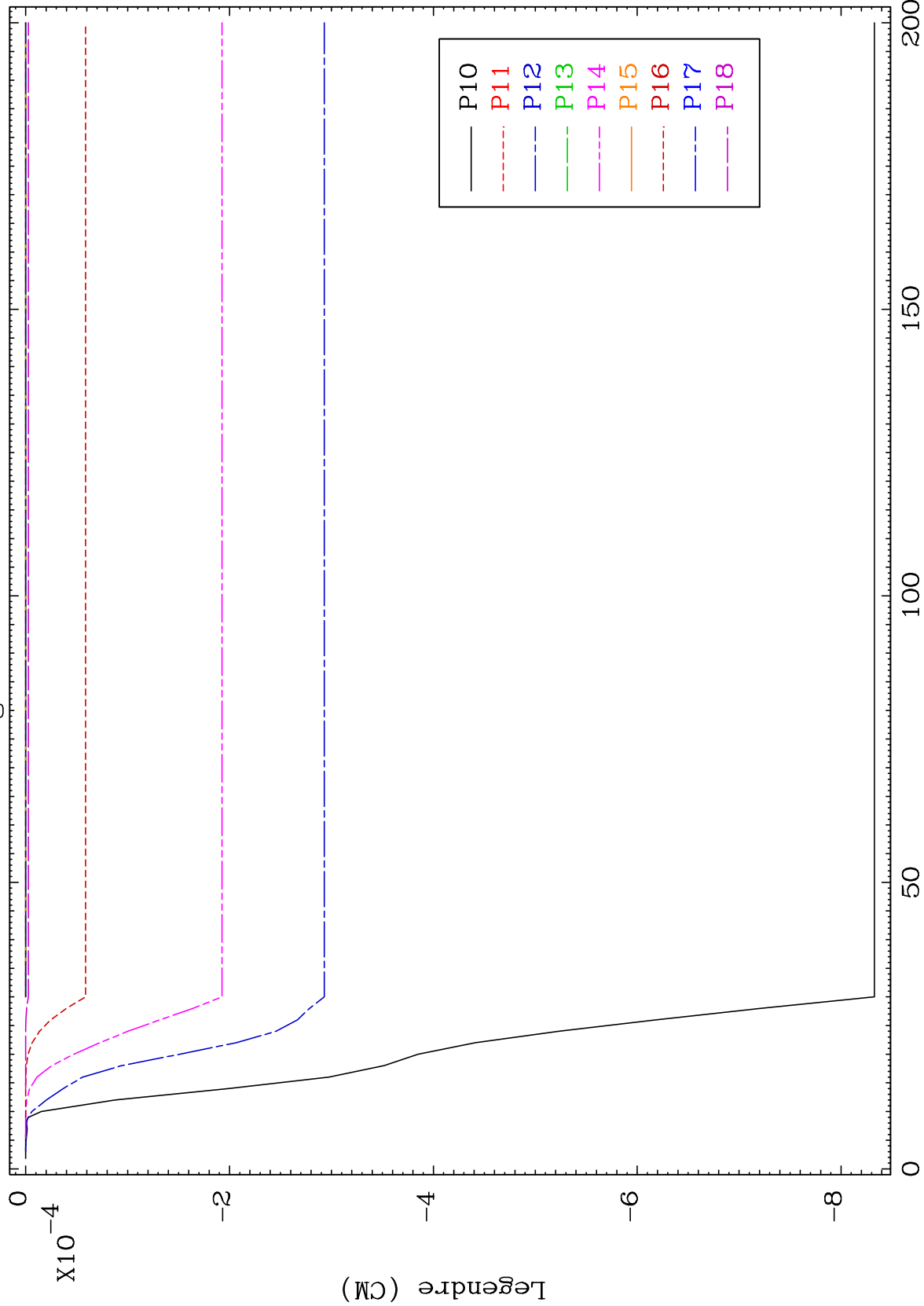




MAT 5252

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

52-Te-129

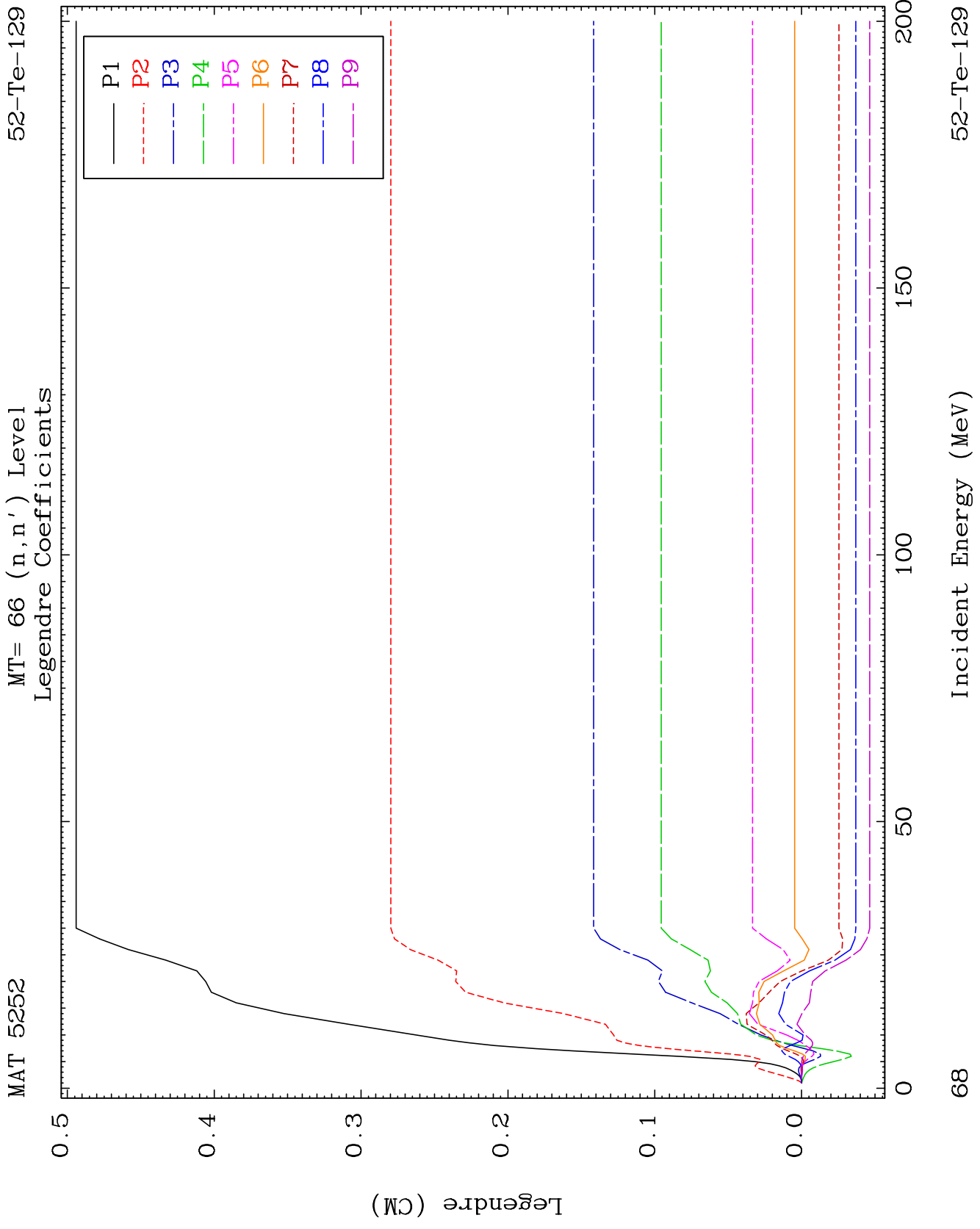


52-Te-129

Incident Energy (MeV)

66

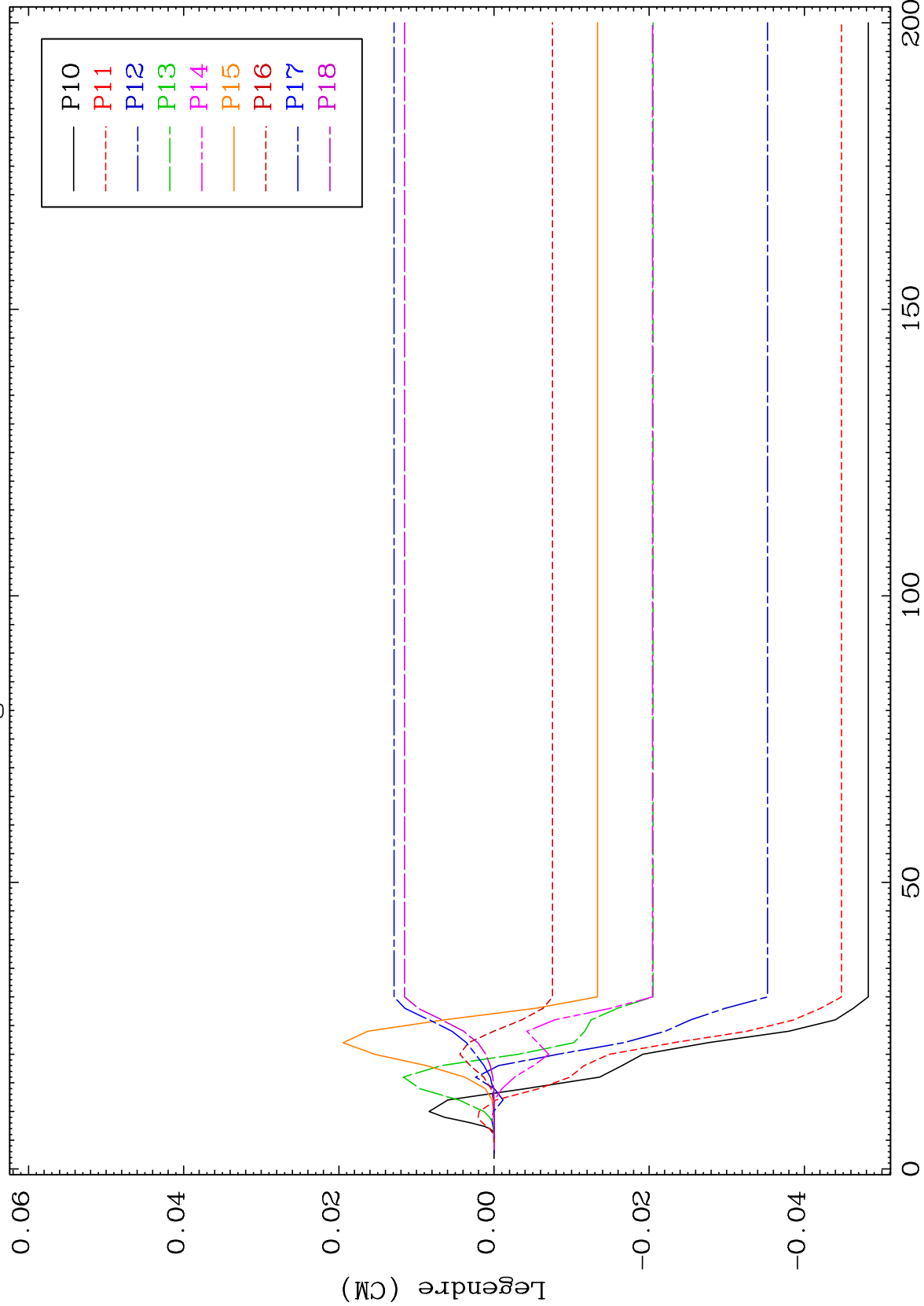




MAT 5252

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

52-Te-129



69

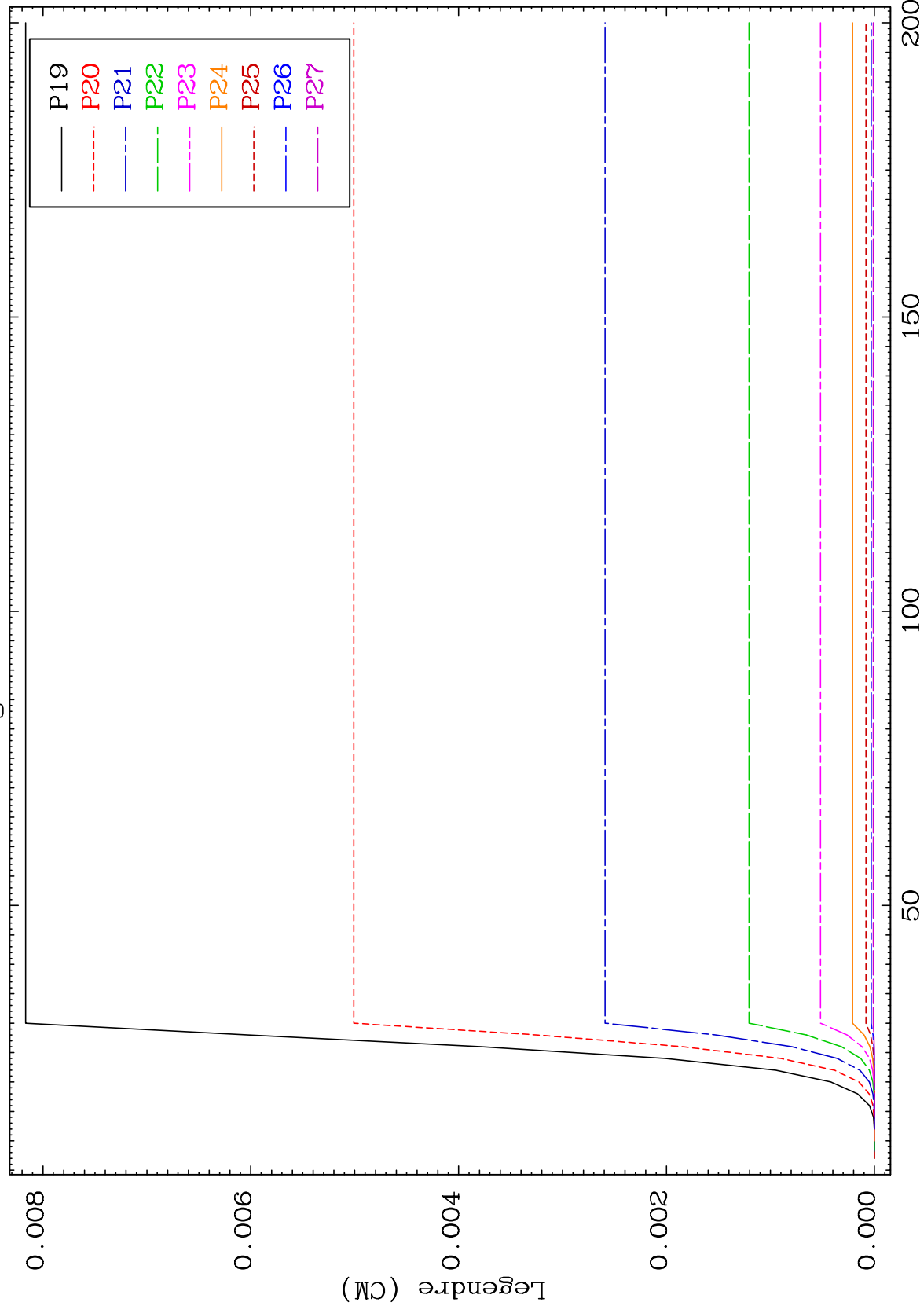
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



52-Te-129

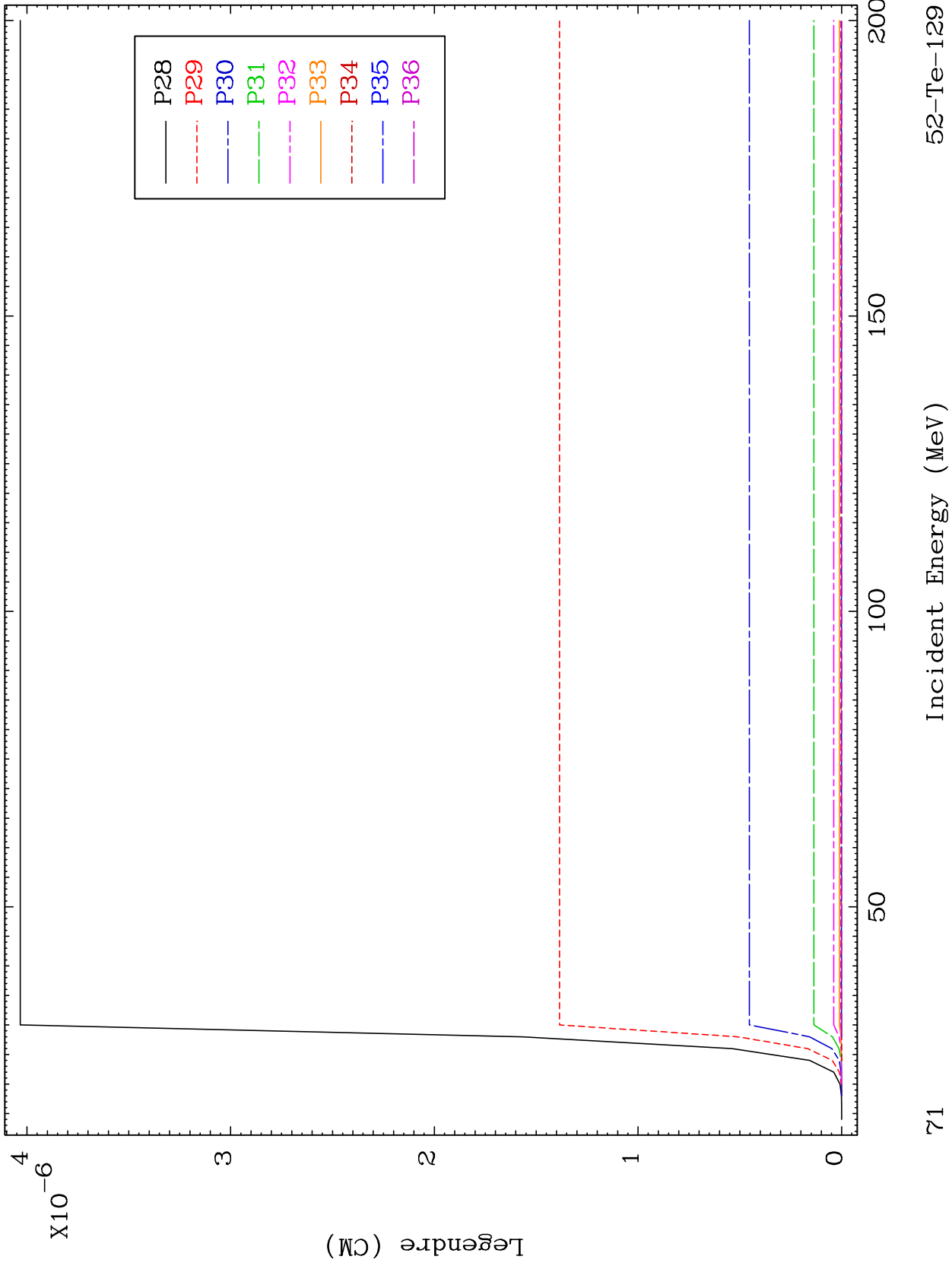
Incident Energy (MeV)

70

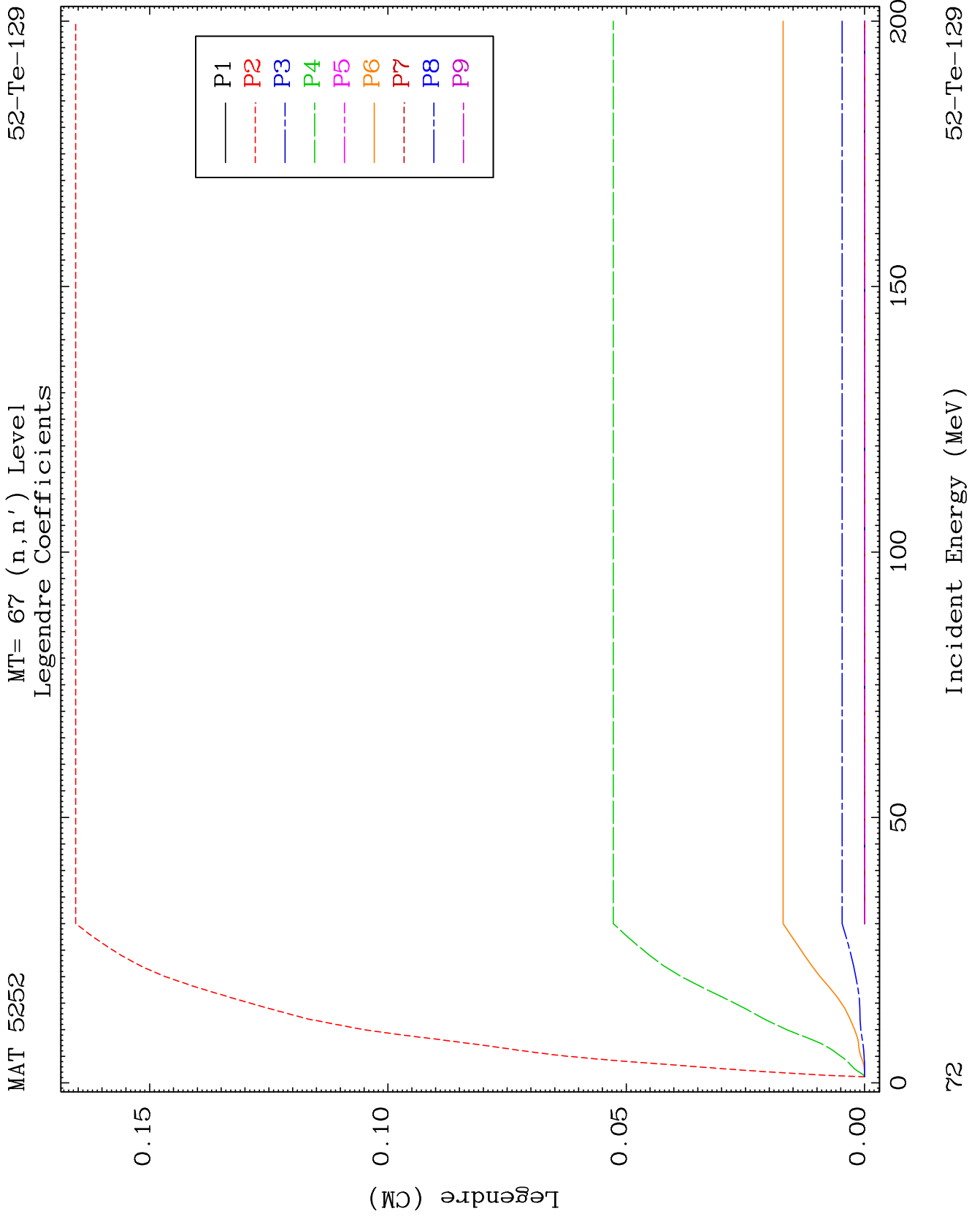
MAT 5252

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

52-Te-129



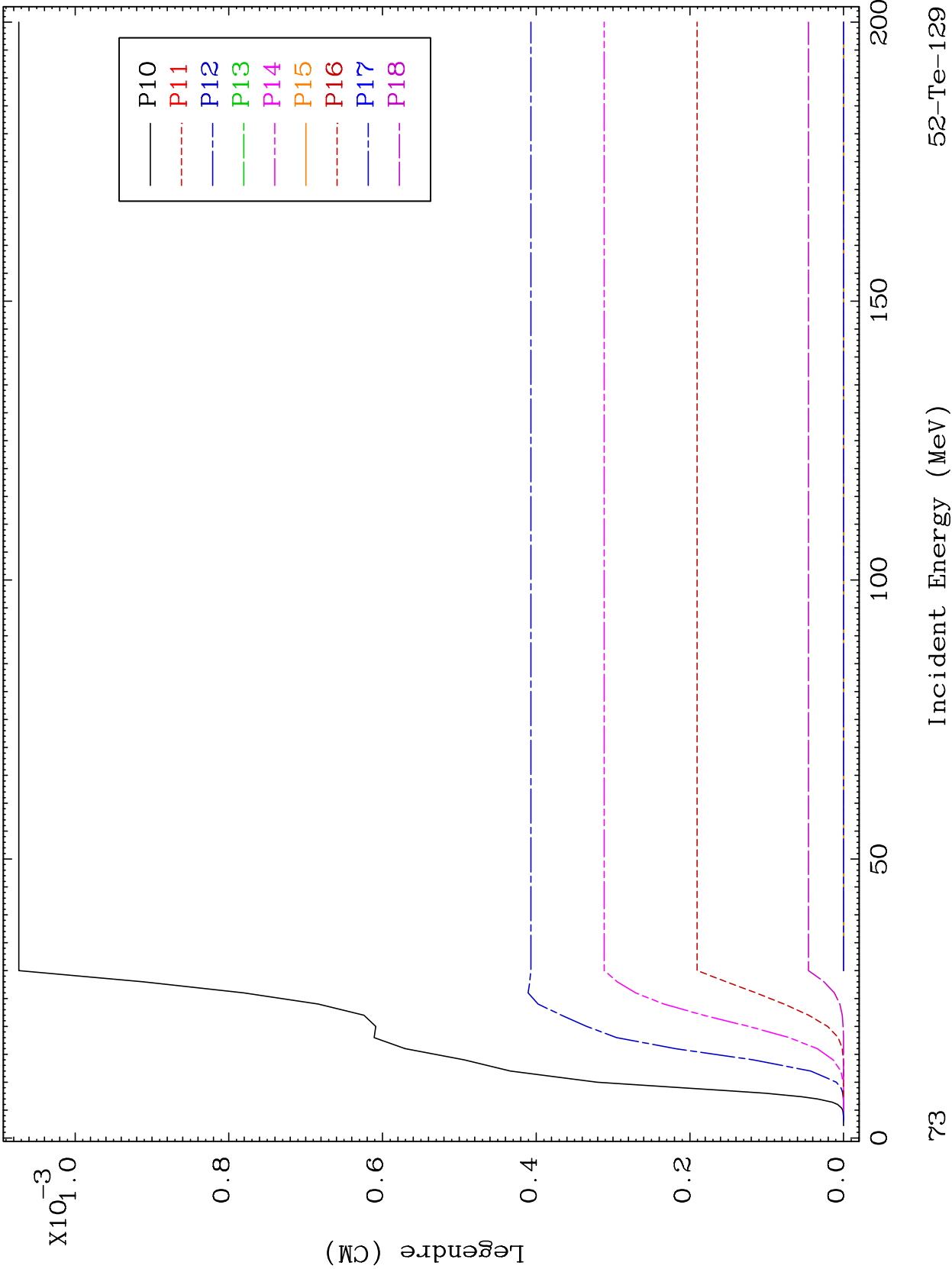




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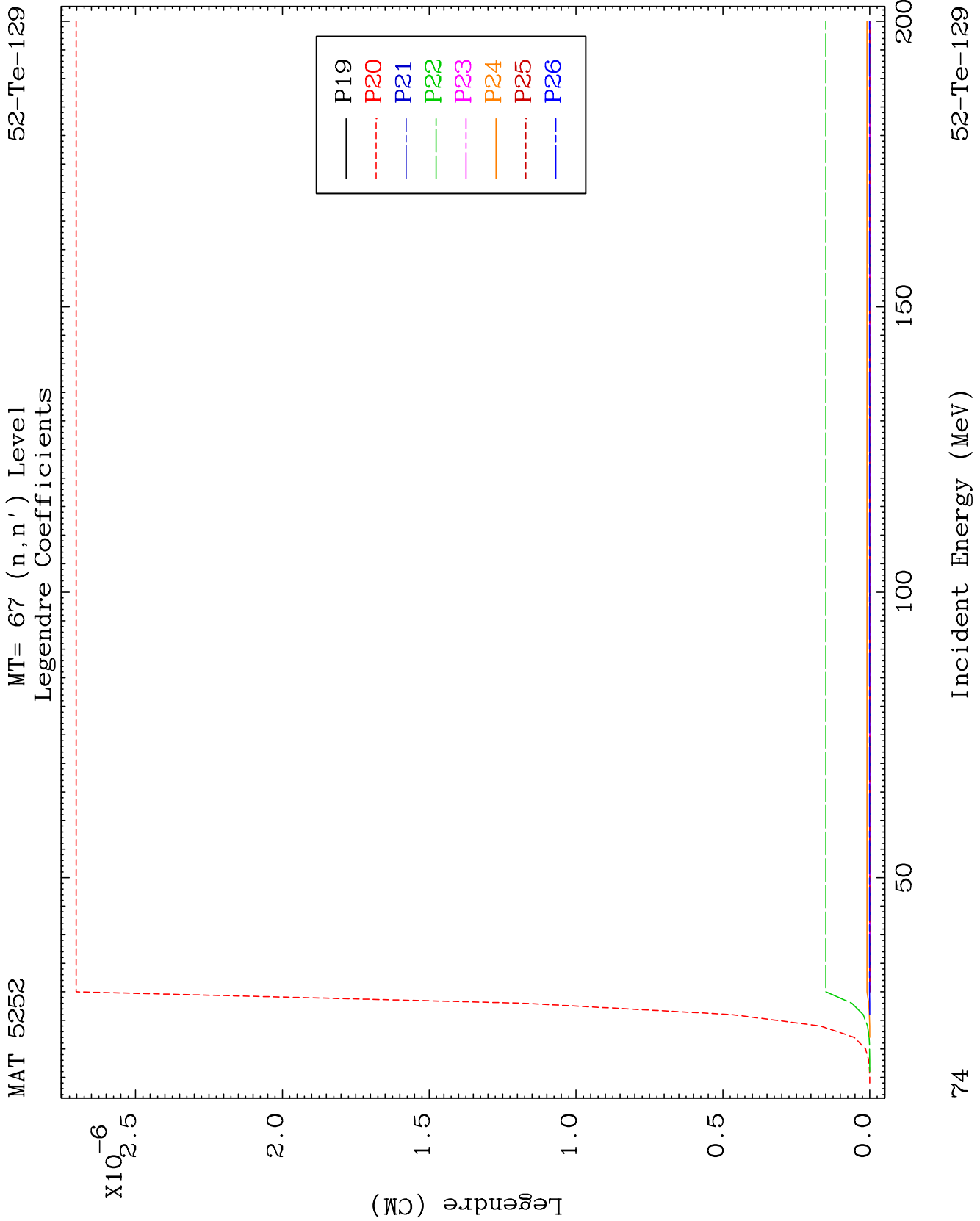
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Legendre Coefficients

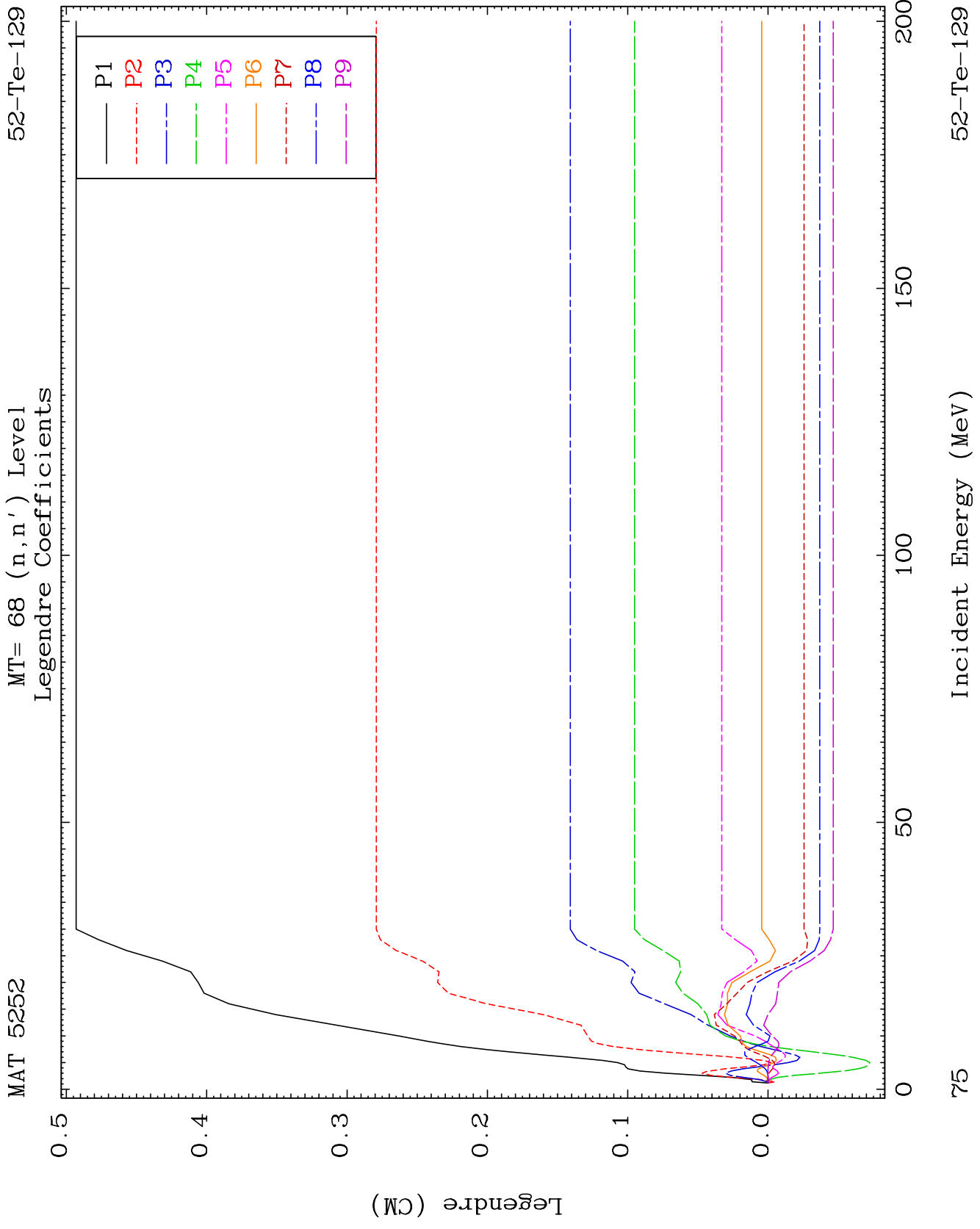
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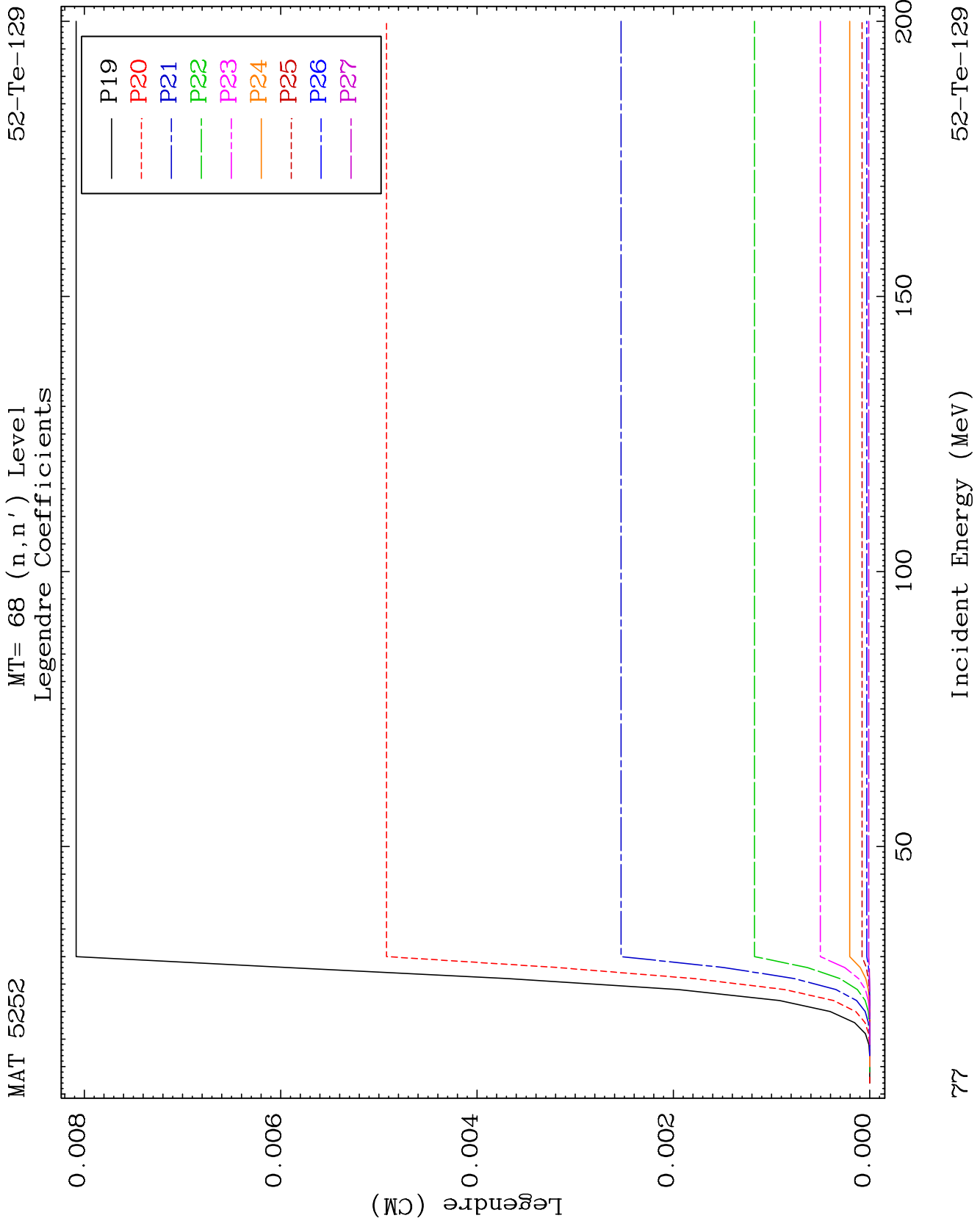
73

52-Te-129





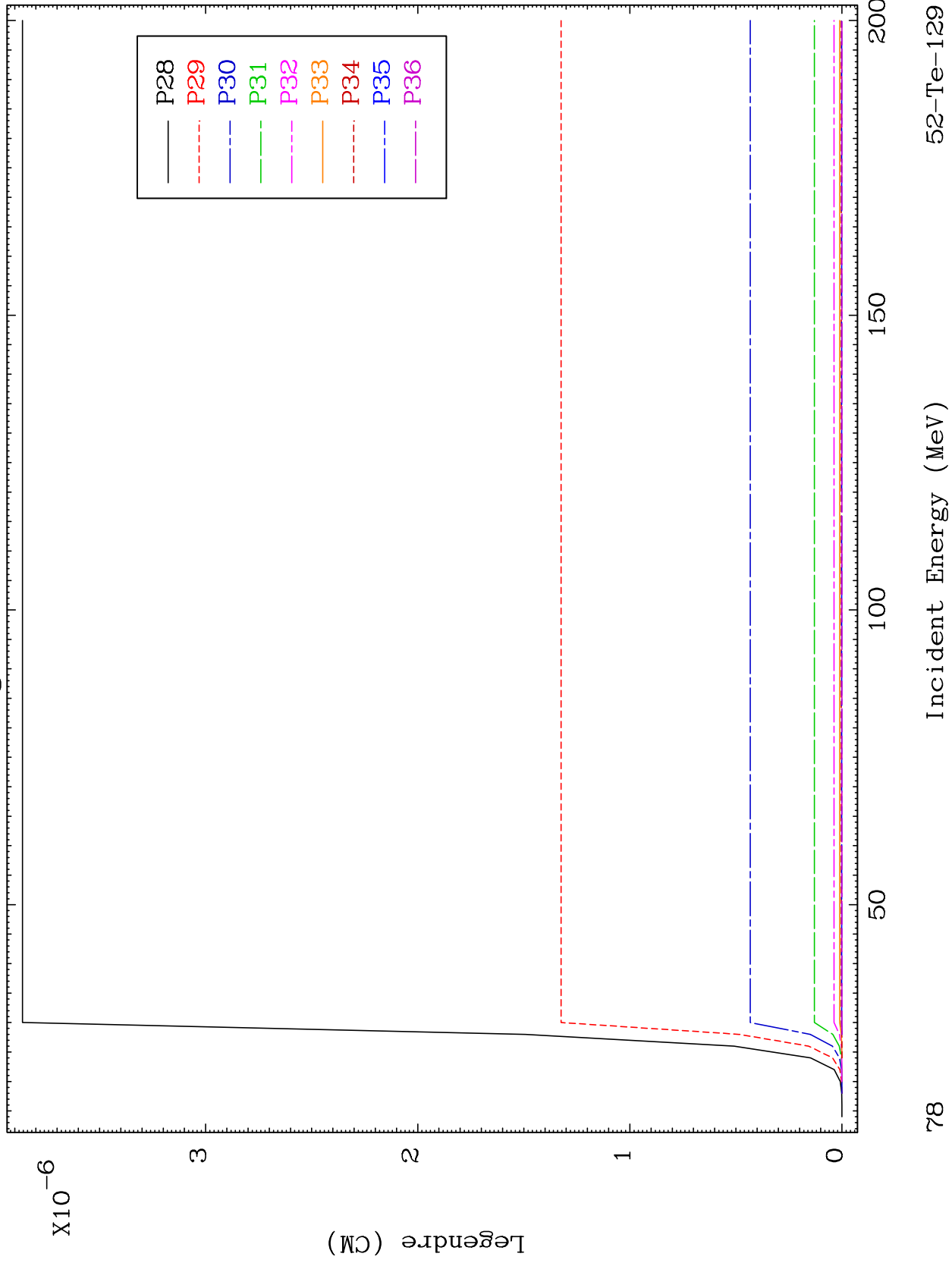




MAT 5252

MT= 68 (n,n') Level  
Legendre Coefficients

52-Te-129



78

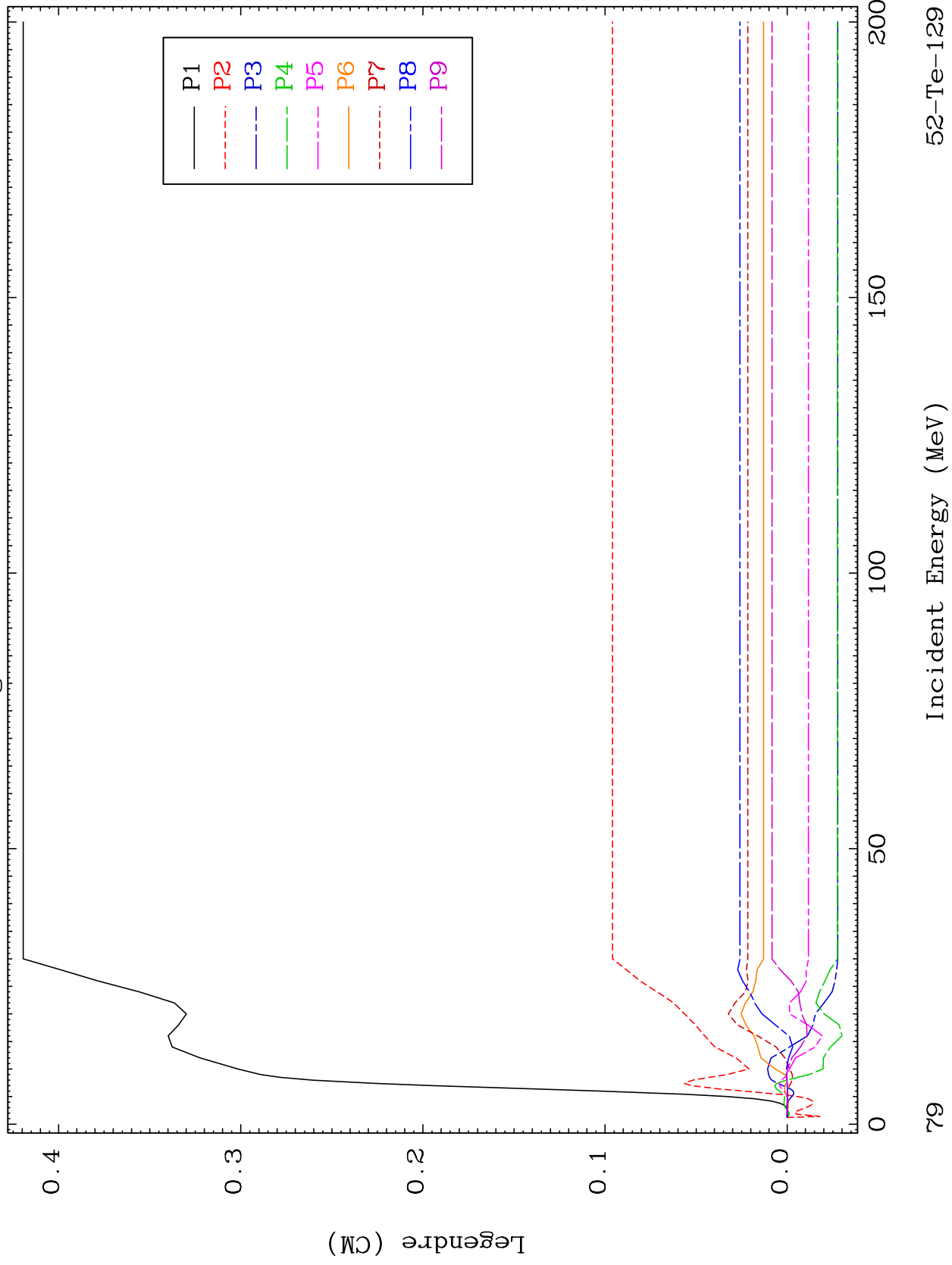
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

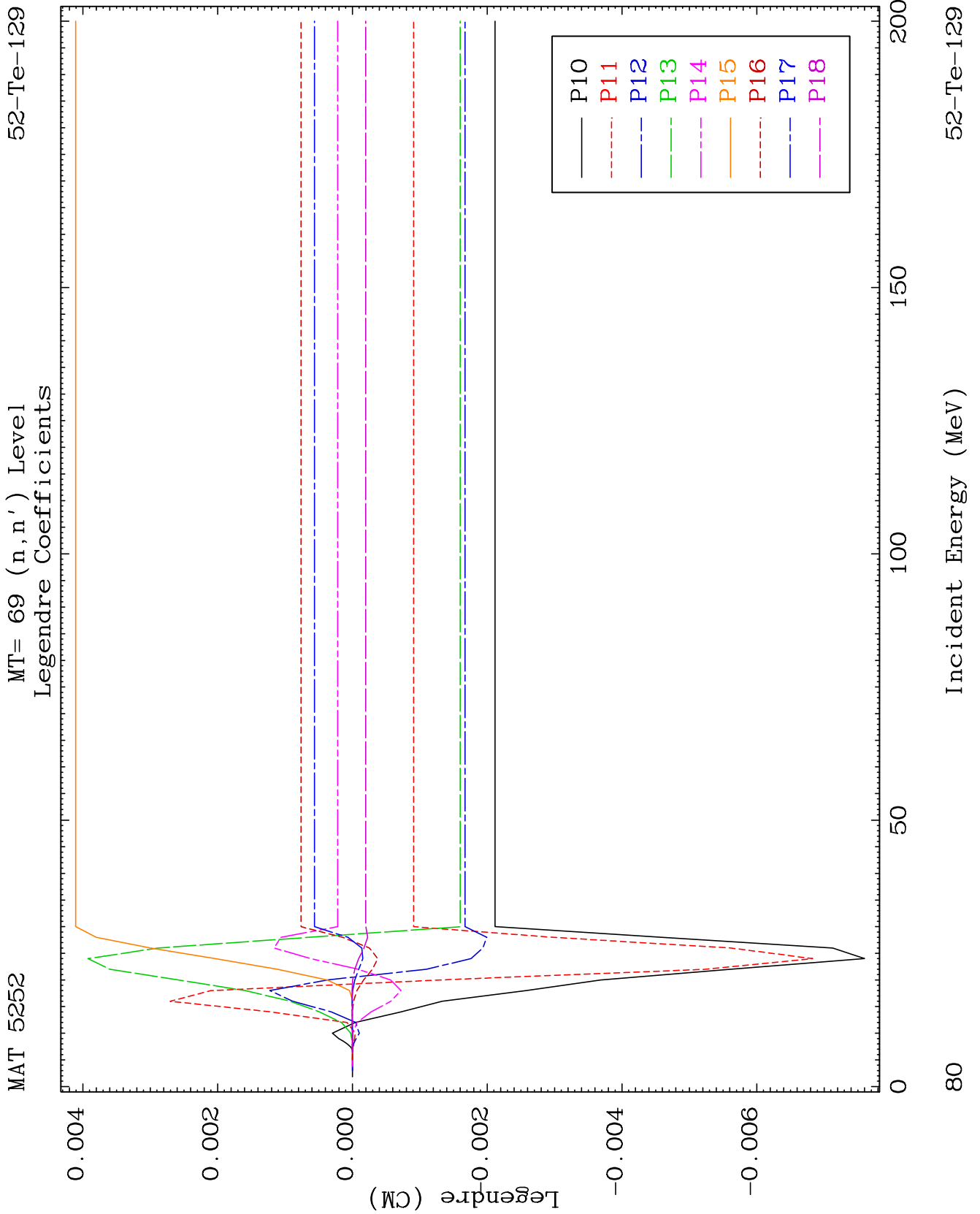


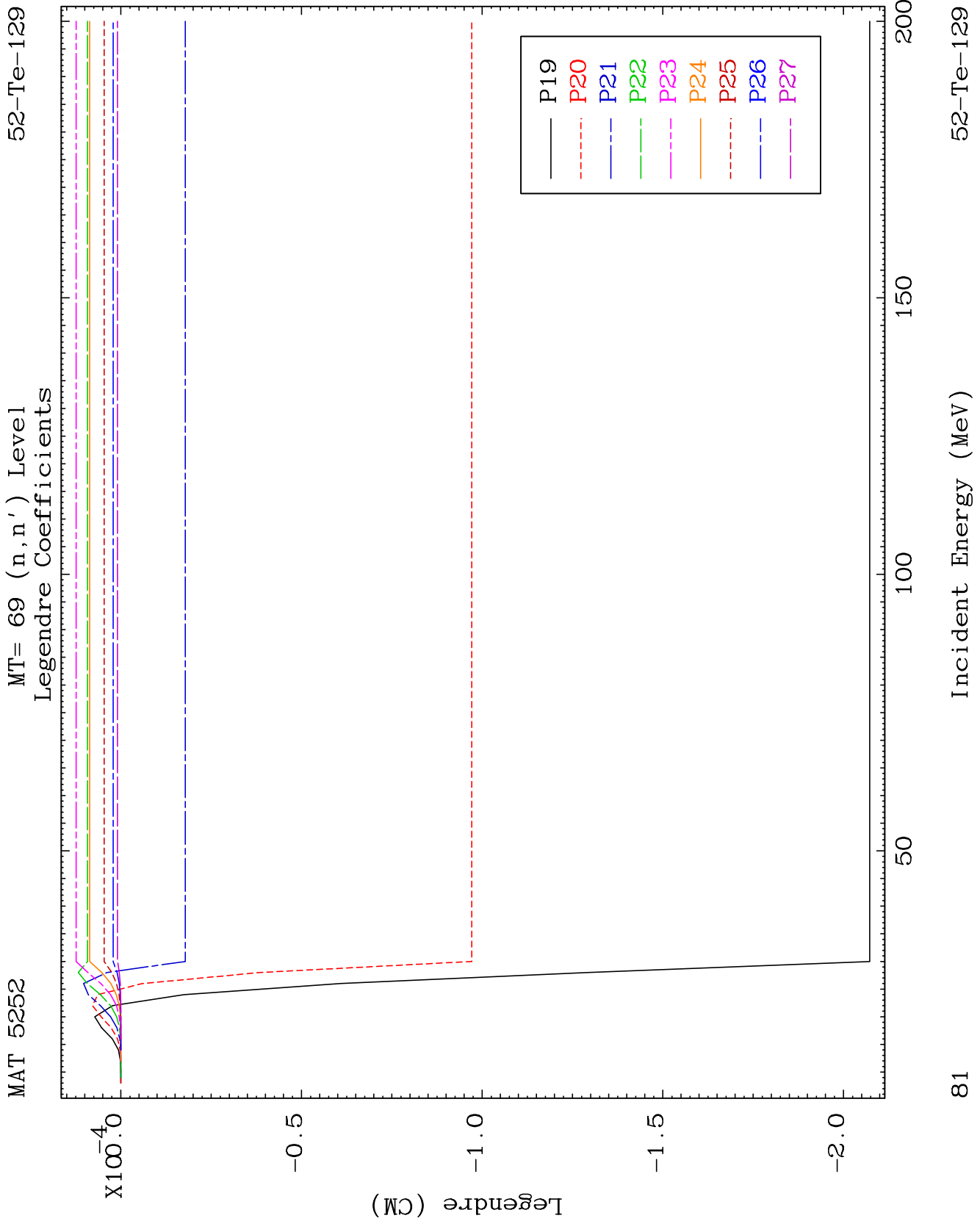
52-Te-129

Incident Energy (MeV)

79



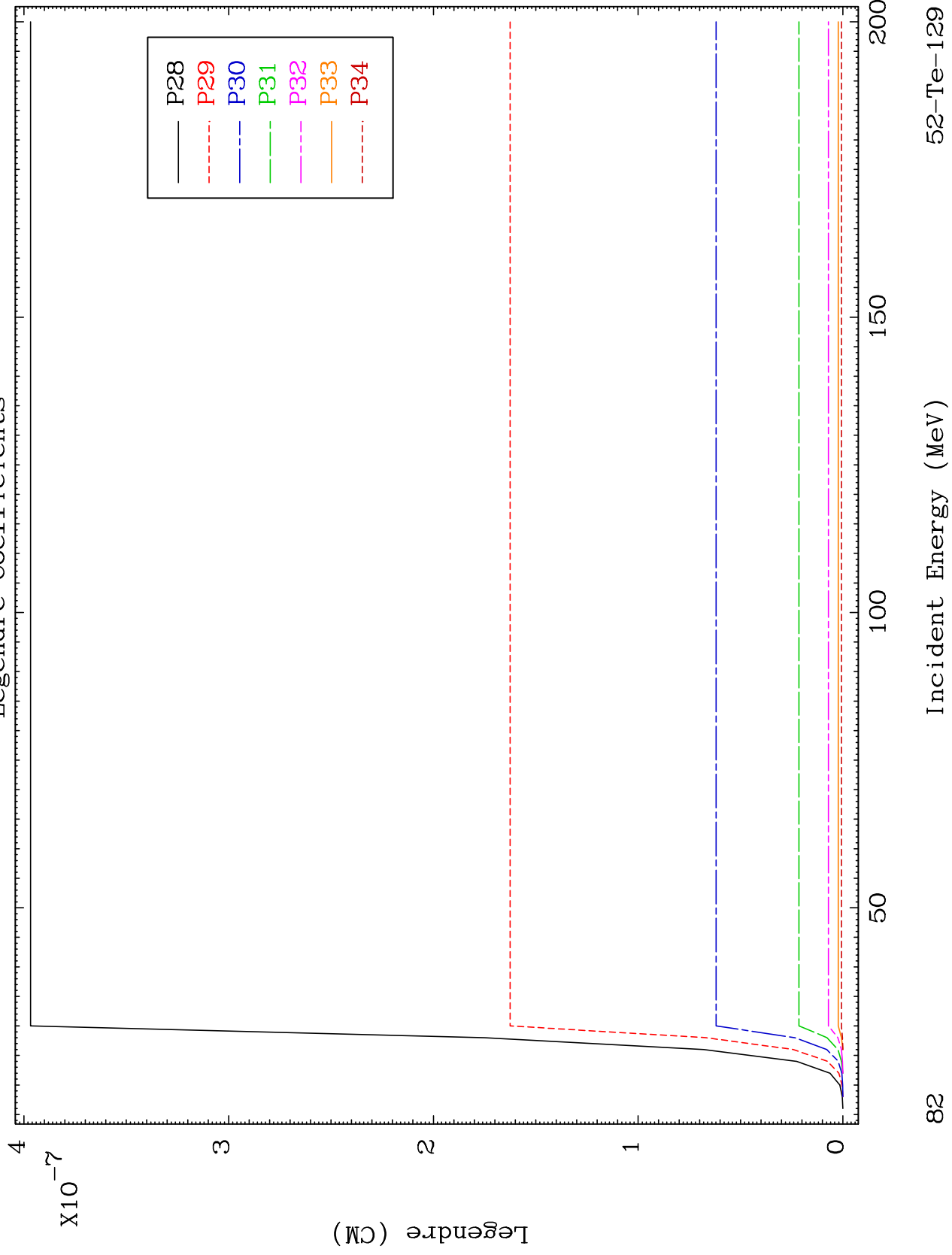




MAT 5252

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

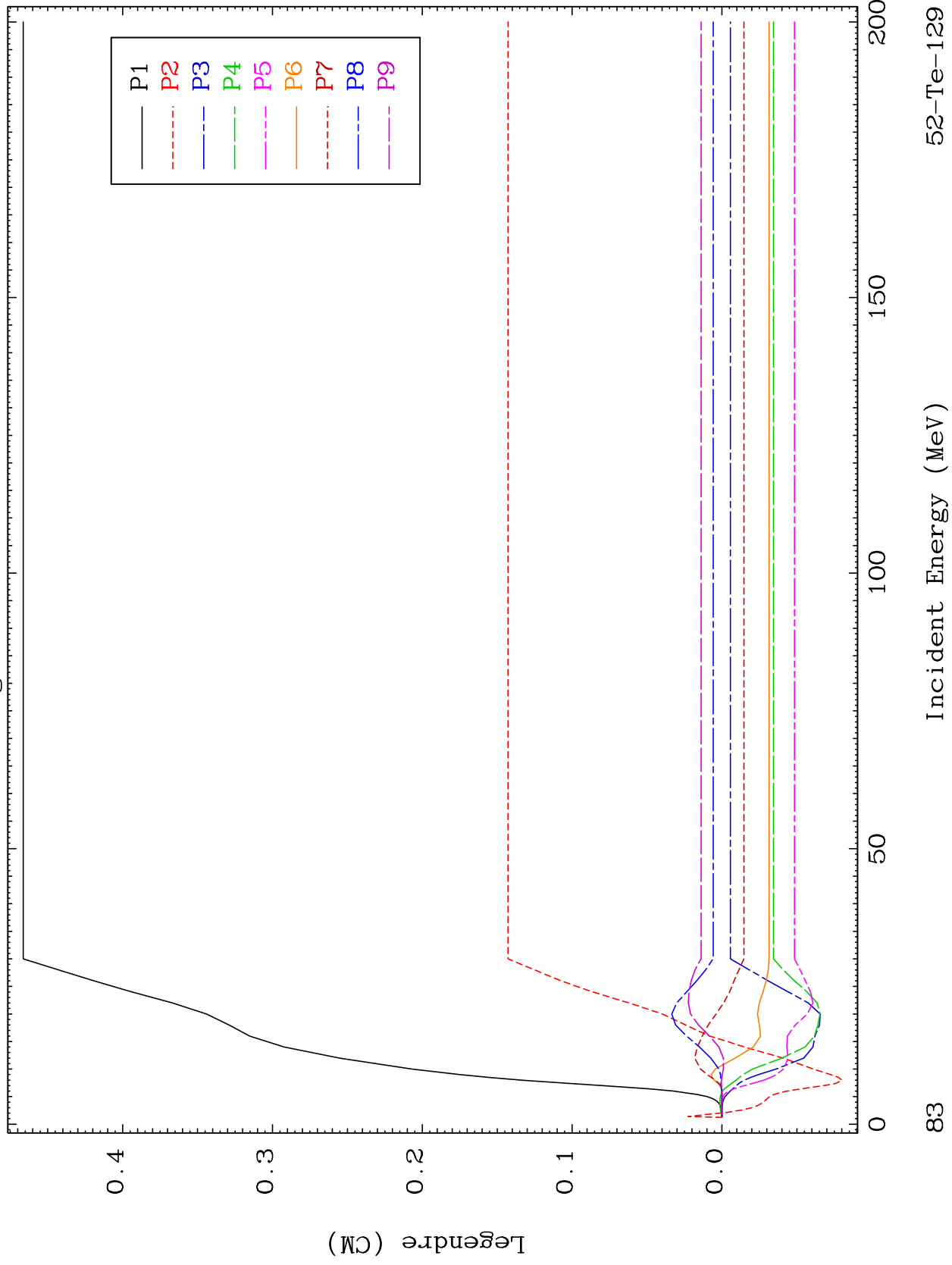
52-Te-129



MAT 5252

MT= 70 (n,n') Level  
Legendre Coefficients

52-Te-129



52-Te-129

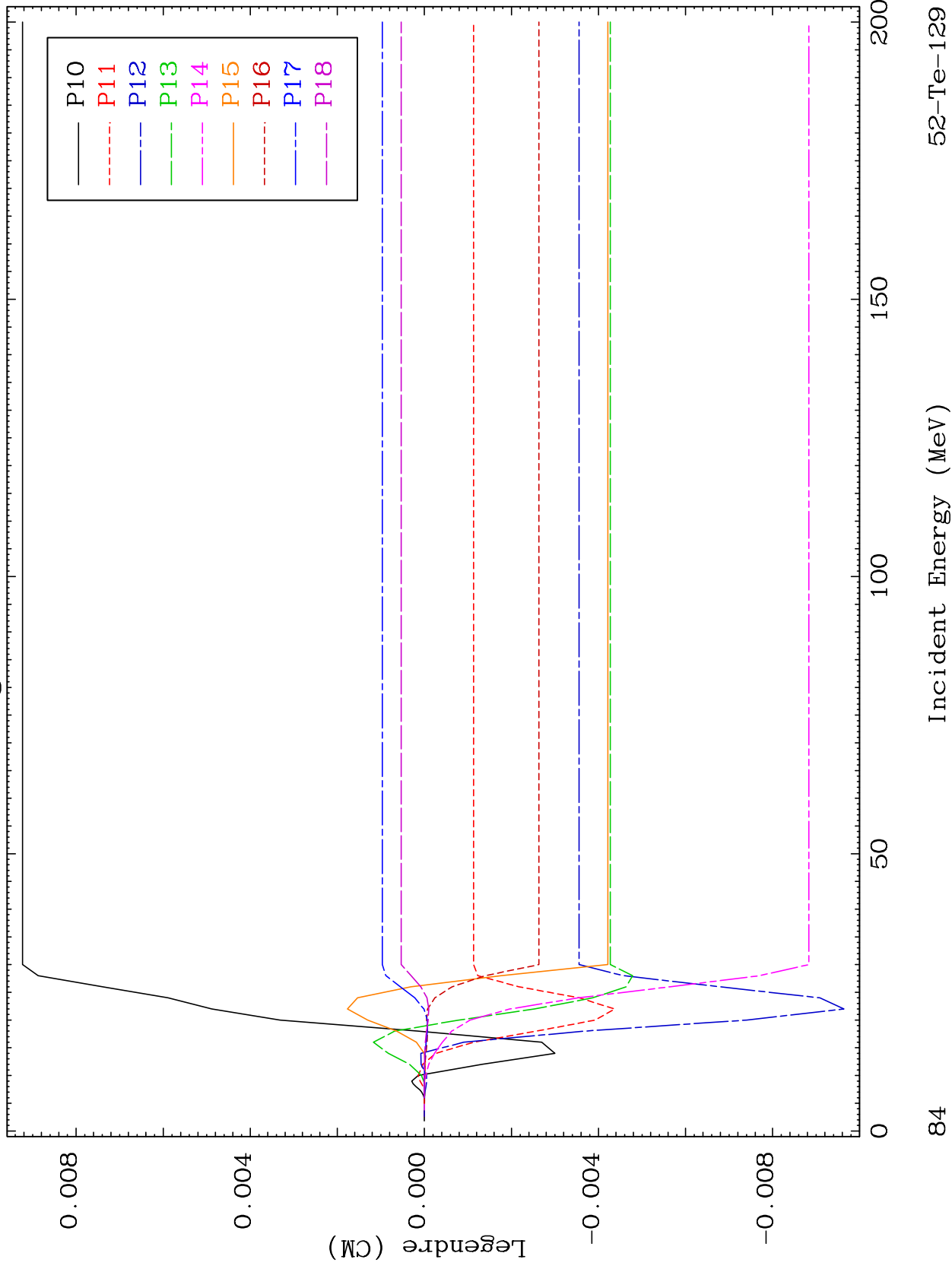
Incident Energy (MeV)

83

MAT 5252

MT= 70 (n,n') Level  
Legendre Coefficients

52-Te-129



84

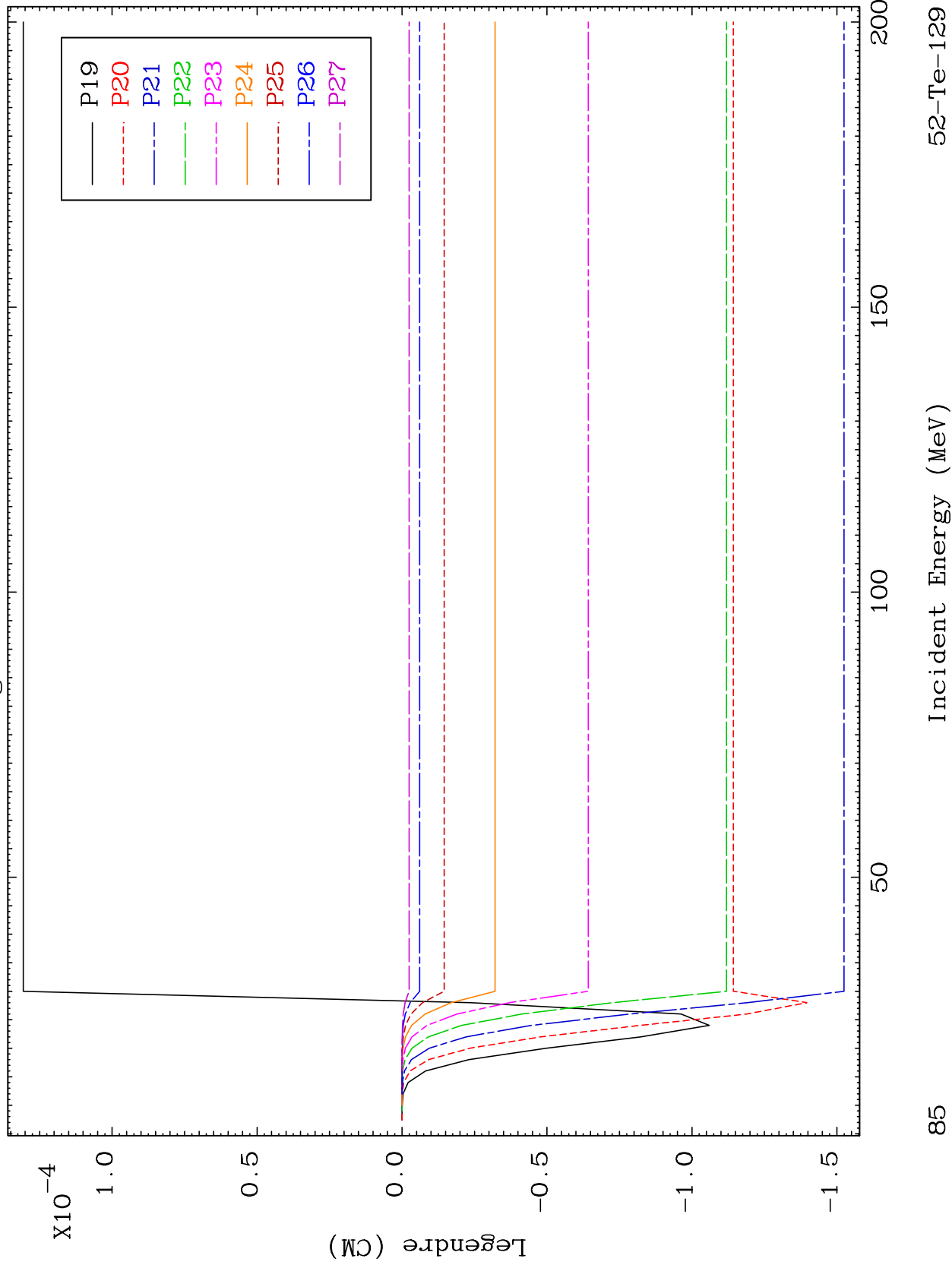
Incident Energy (MeV)

52-Te-129

MAT 5252

MT= 70 (n,n') Level  
Legendre Coefficients

52-Te-129

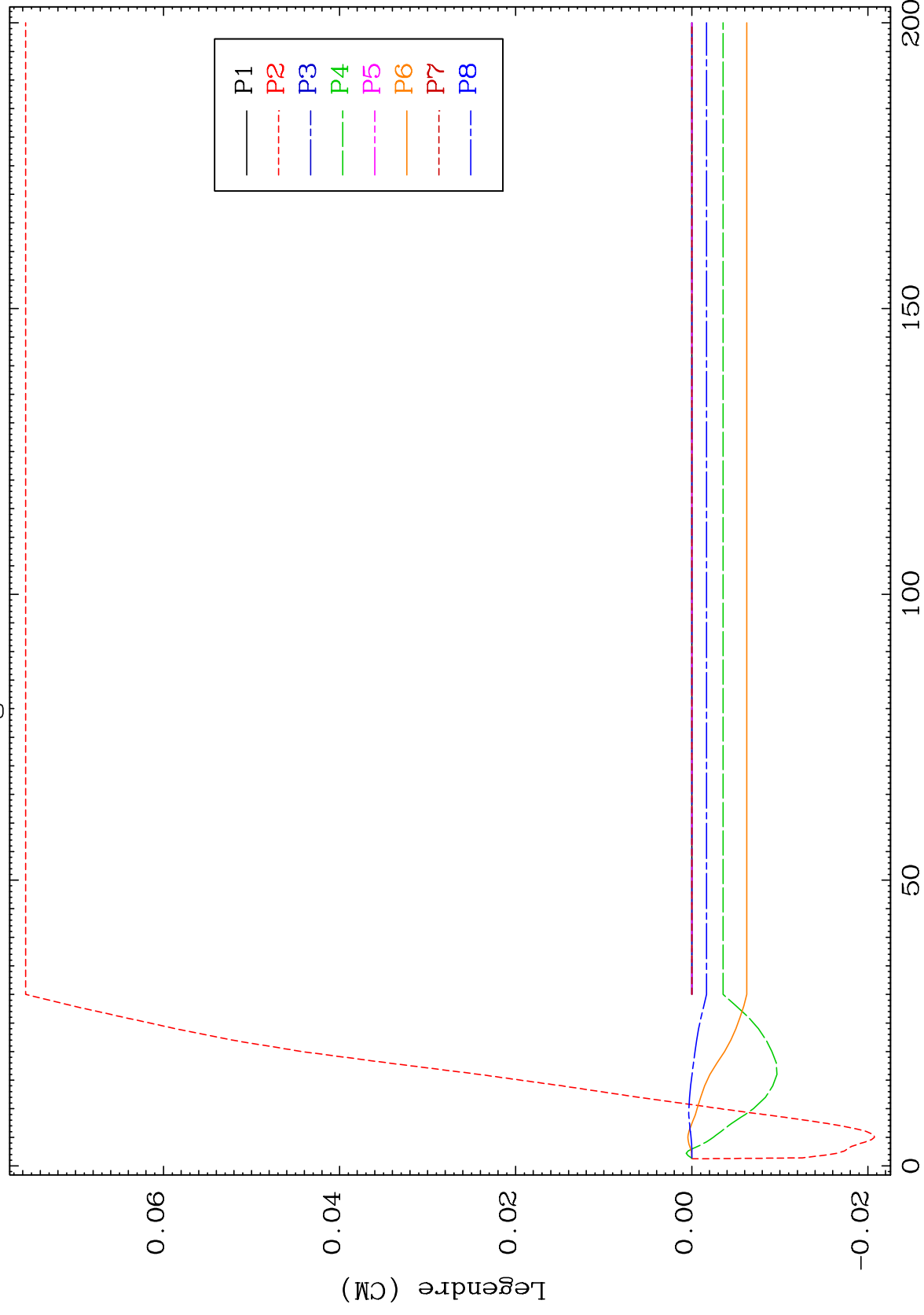




MAT 5252

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

52-Te-129



87

Incident Energy (MeV)

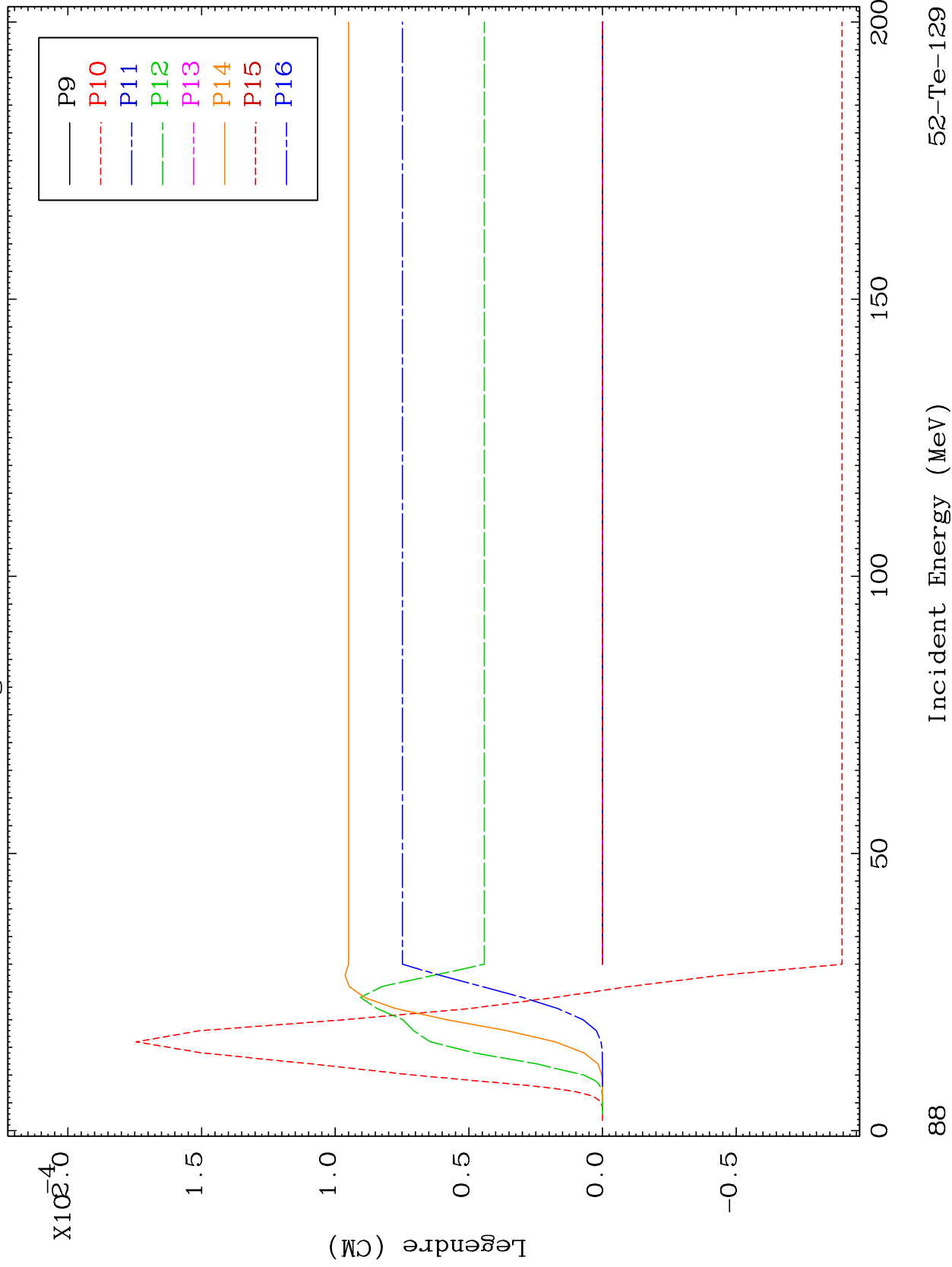
52-Te-129



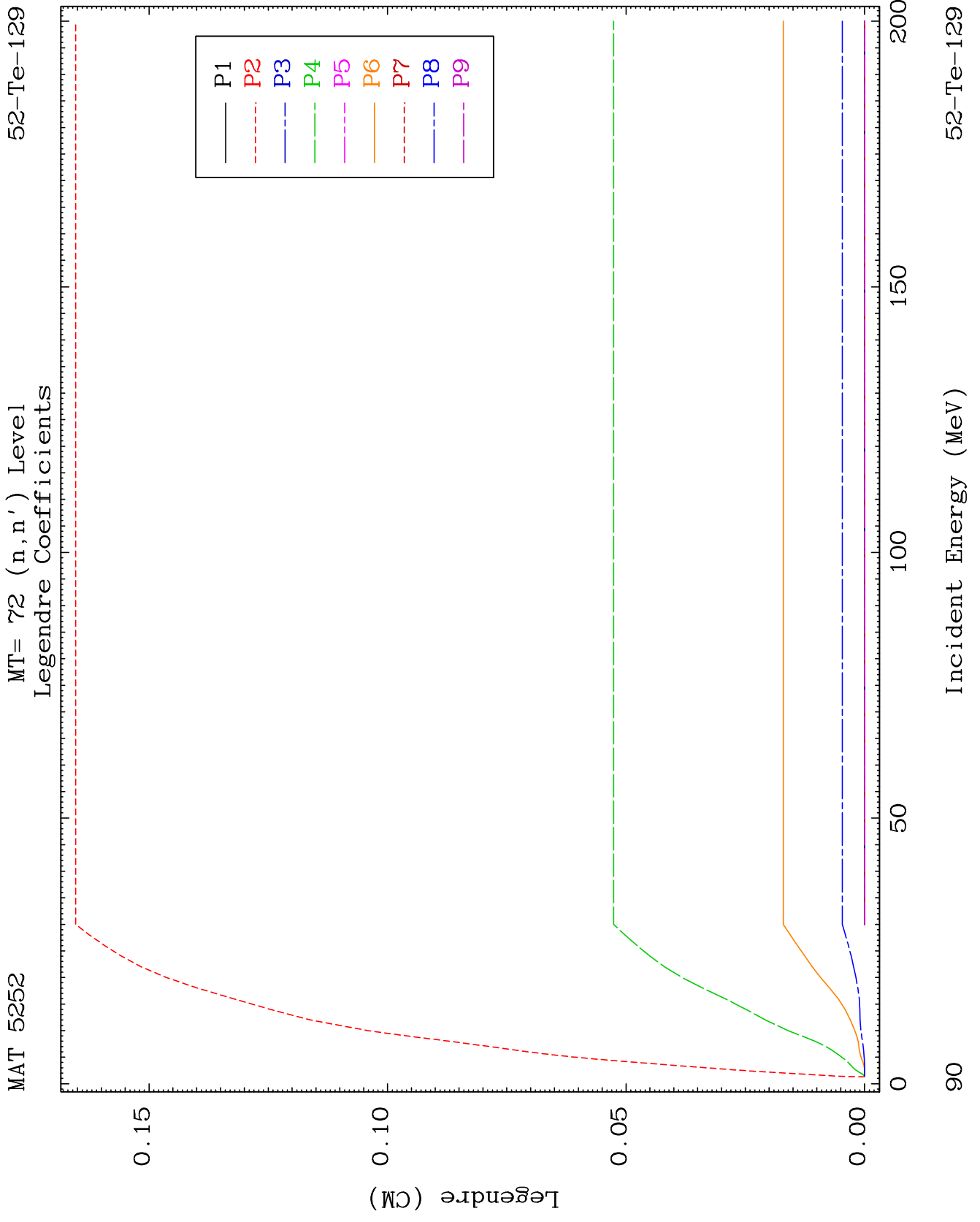
MAT 5252

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

52-Te-129



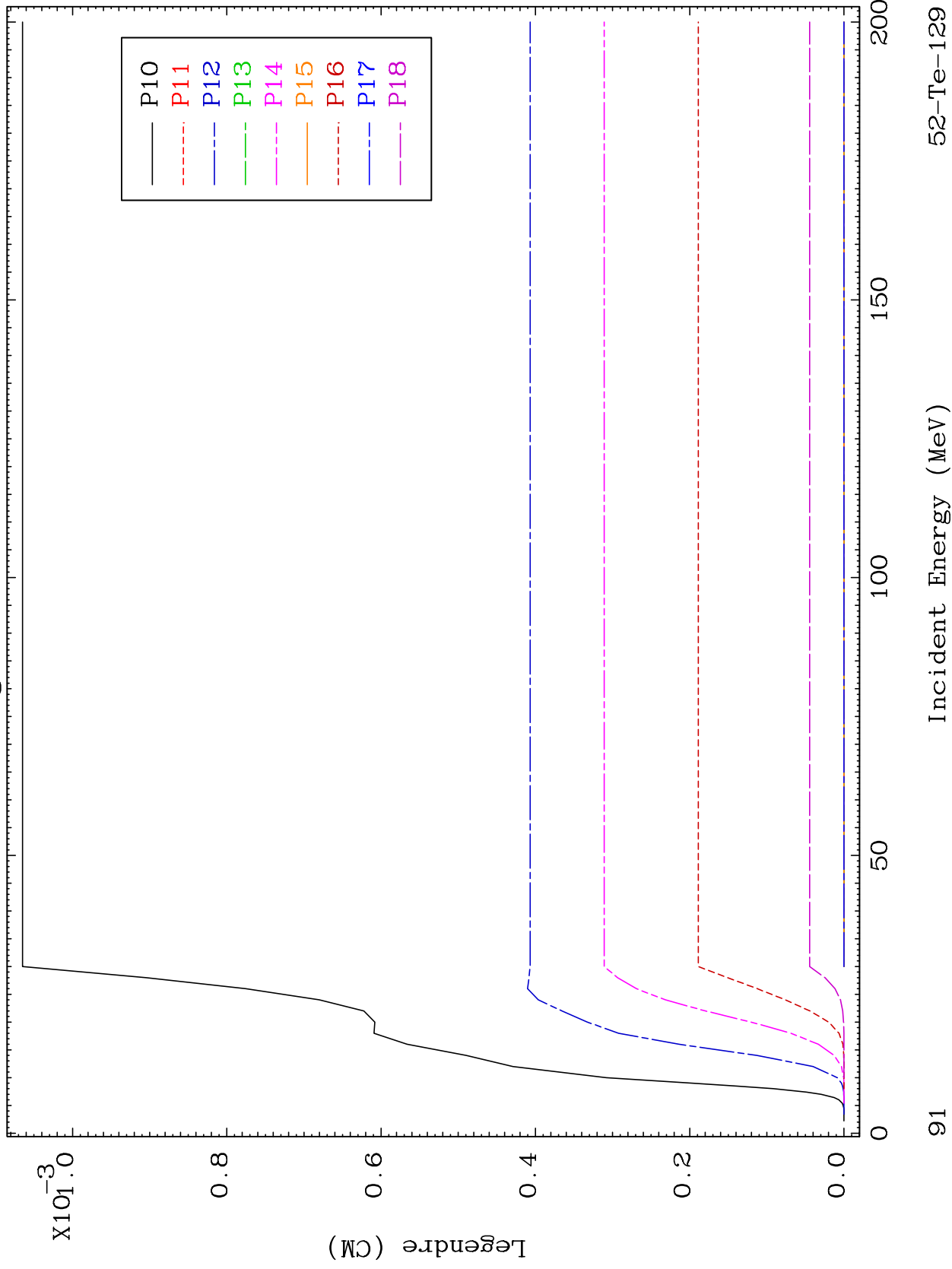


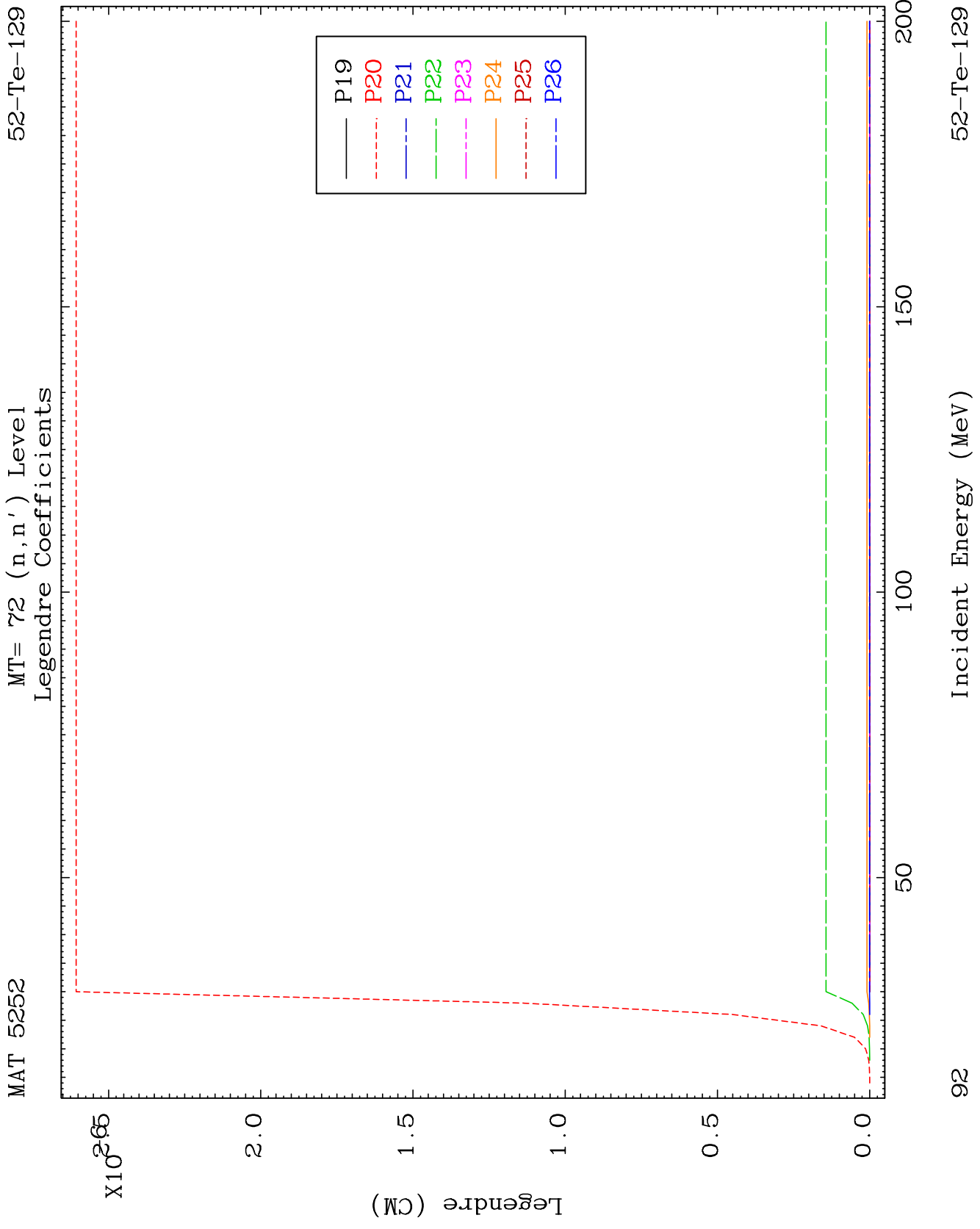


MAT 5252

MT= 72 (n,n') Level  
Legendre Coefficients

52-Te-129

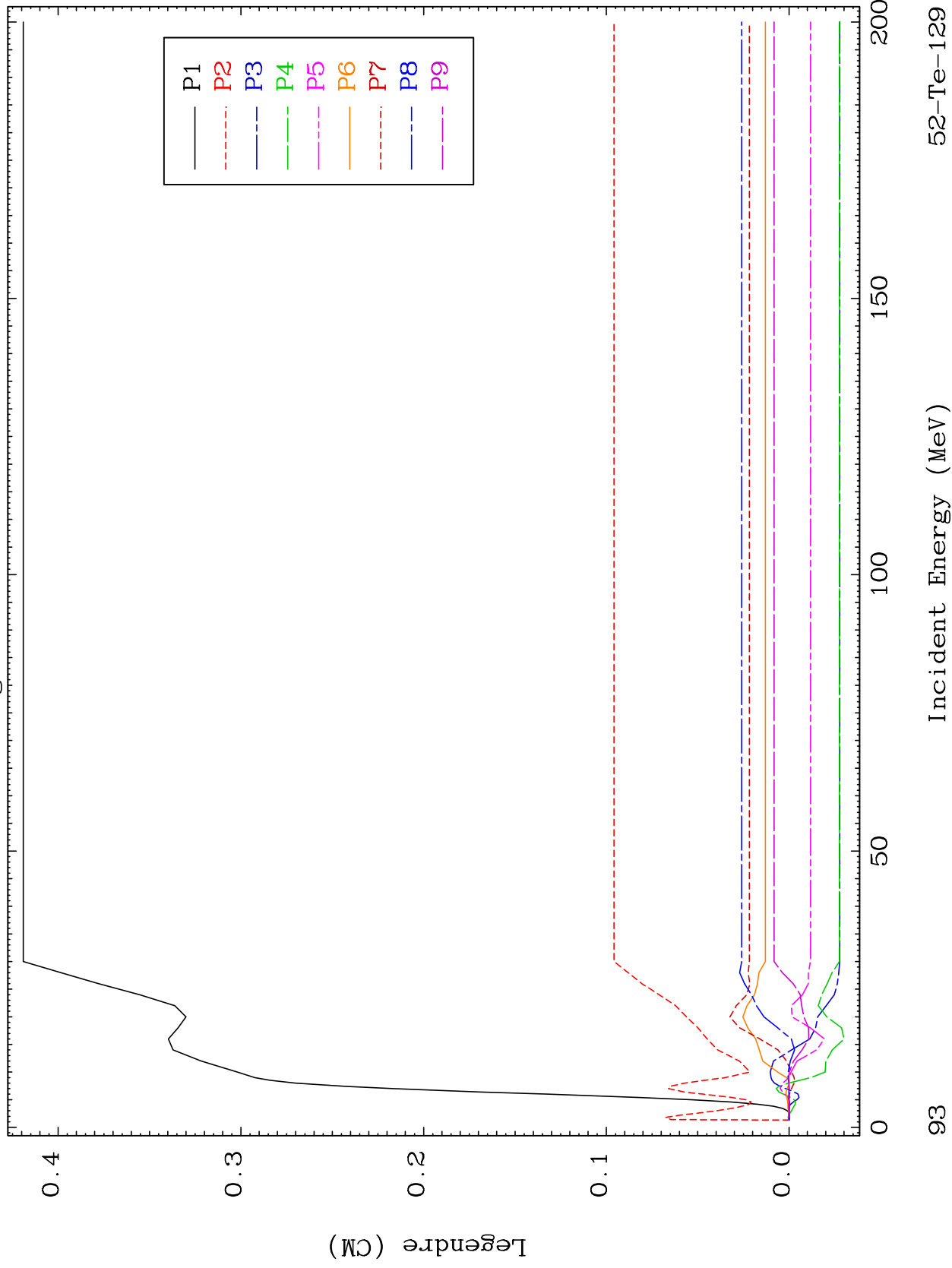




MAT 5252

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

52-Te-129



52-Te-129

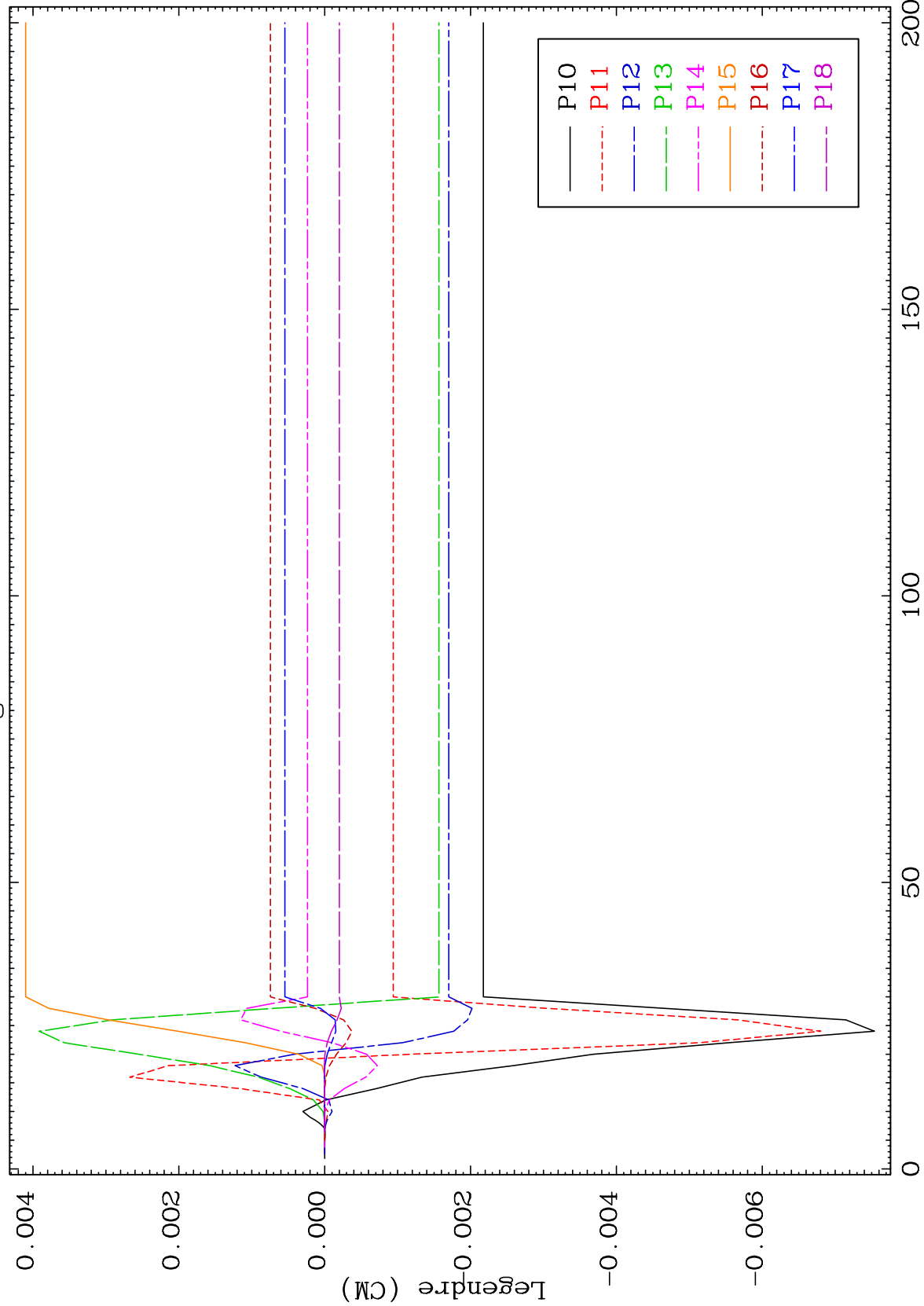
Incident Energy (MeV)

93

MAT 5252

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

52-Te-129



94

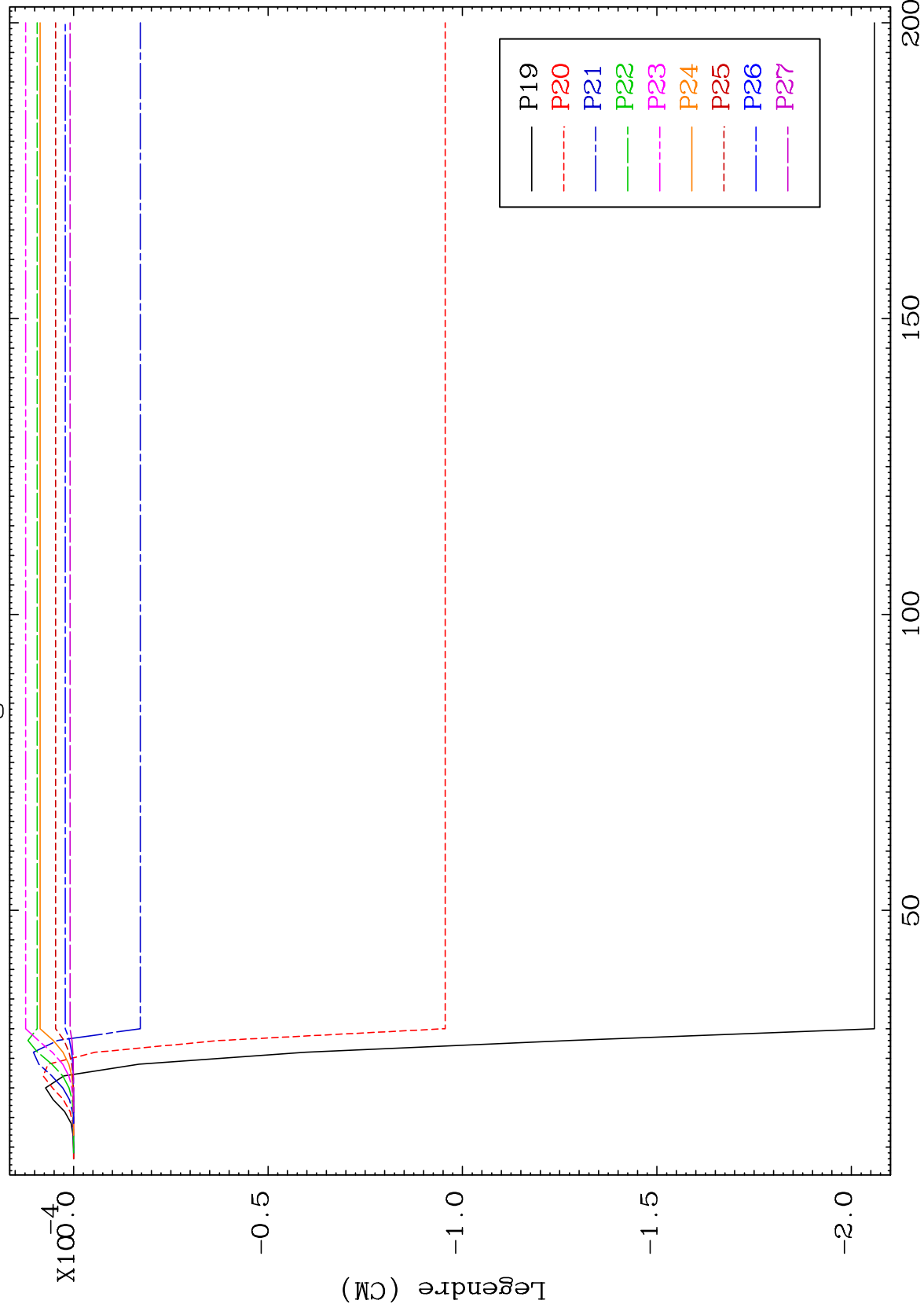
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



95

Incident Energy (MeV)

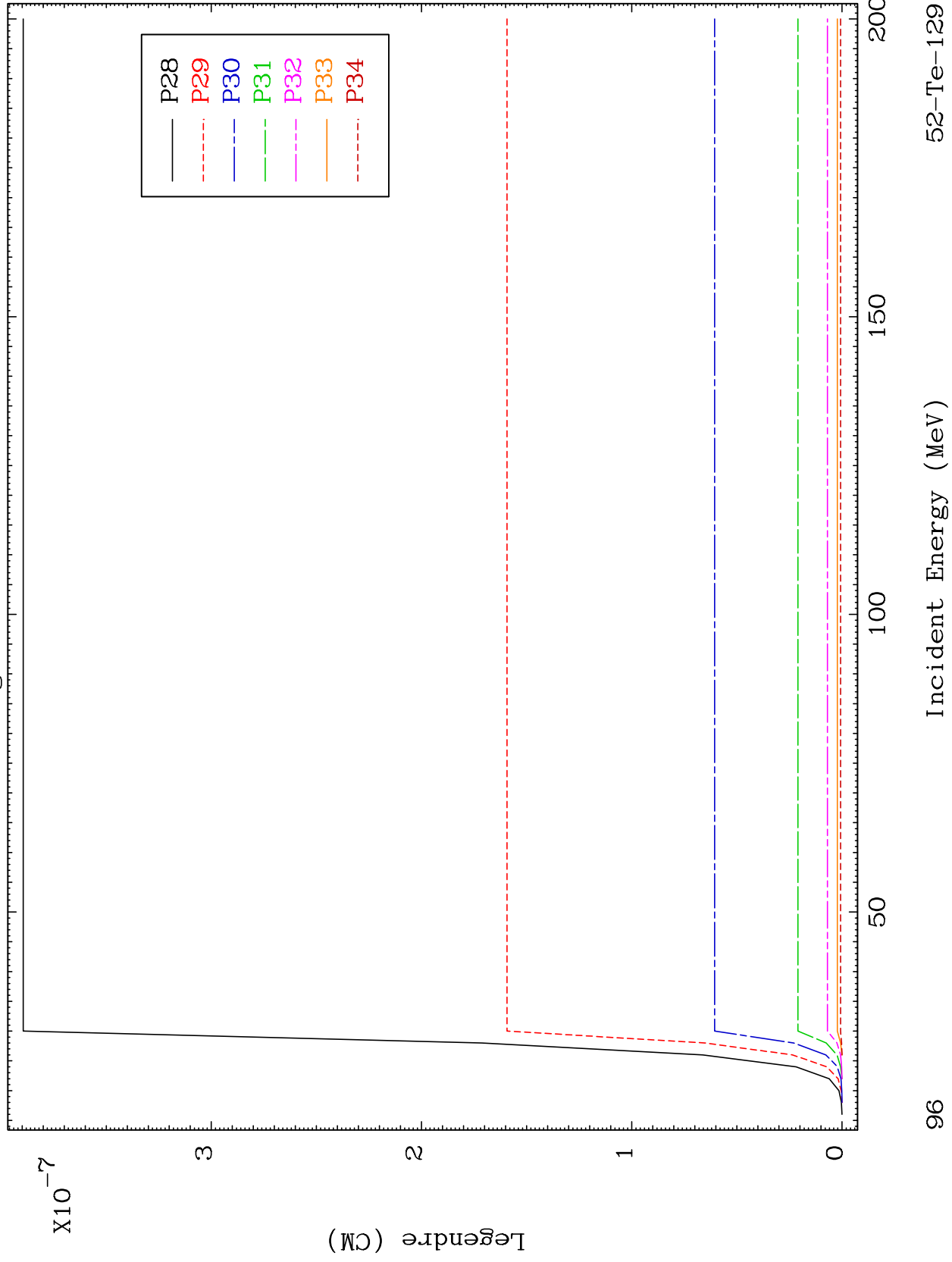
52-Te-129

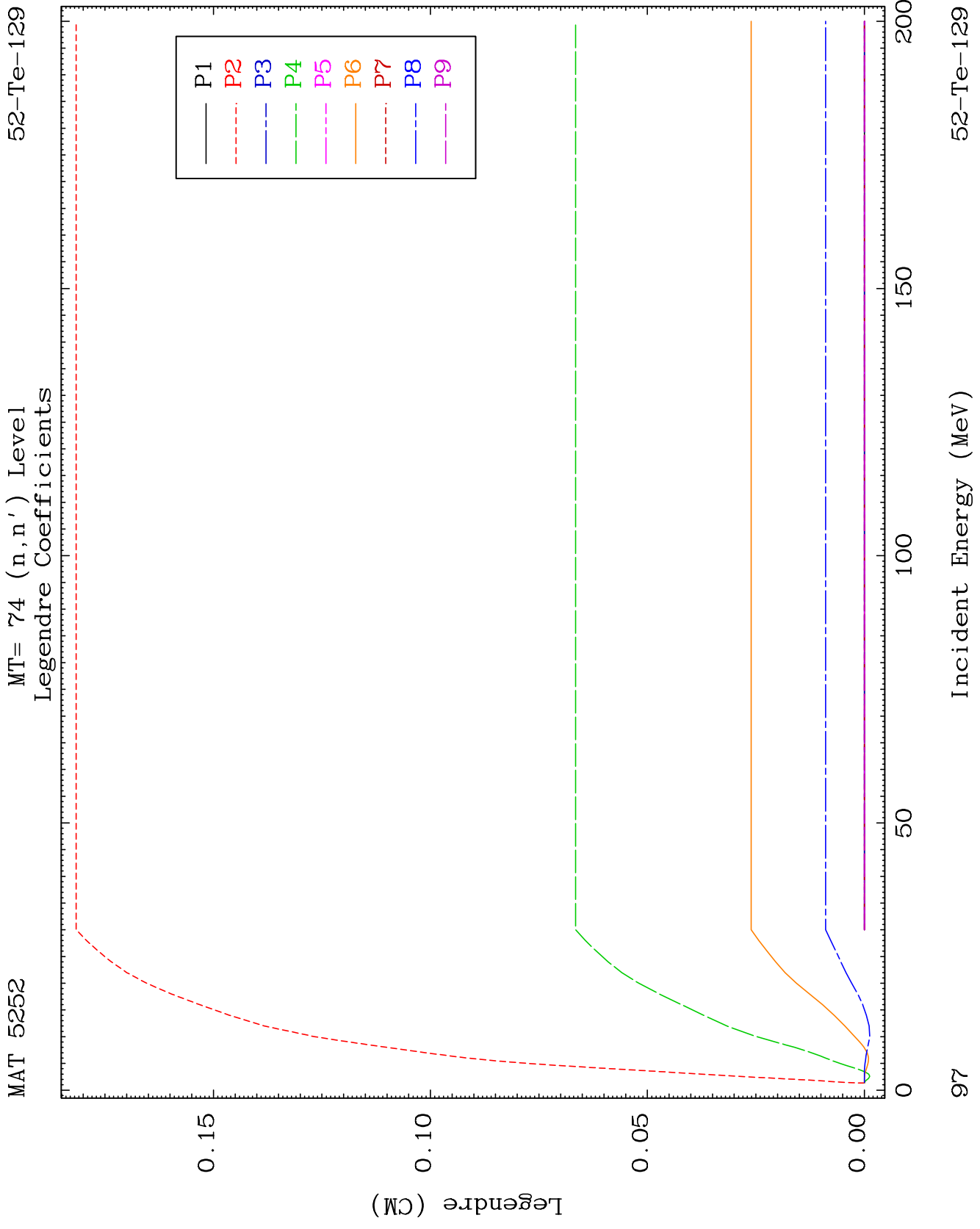


MAT 5252

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

52-Te-129

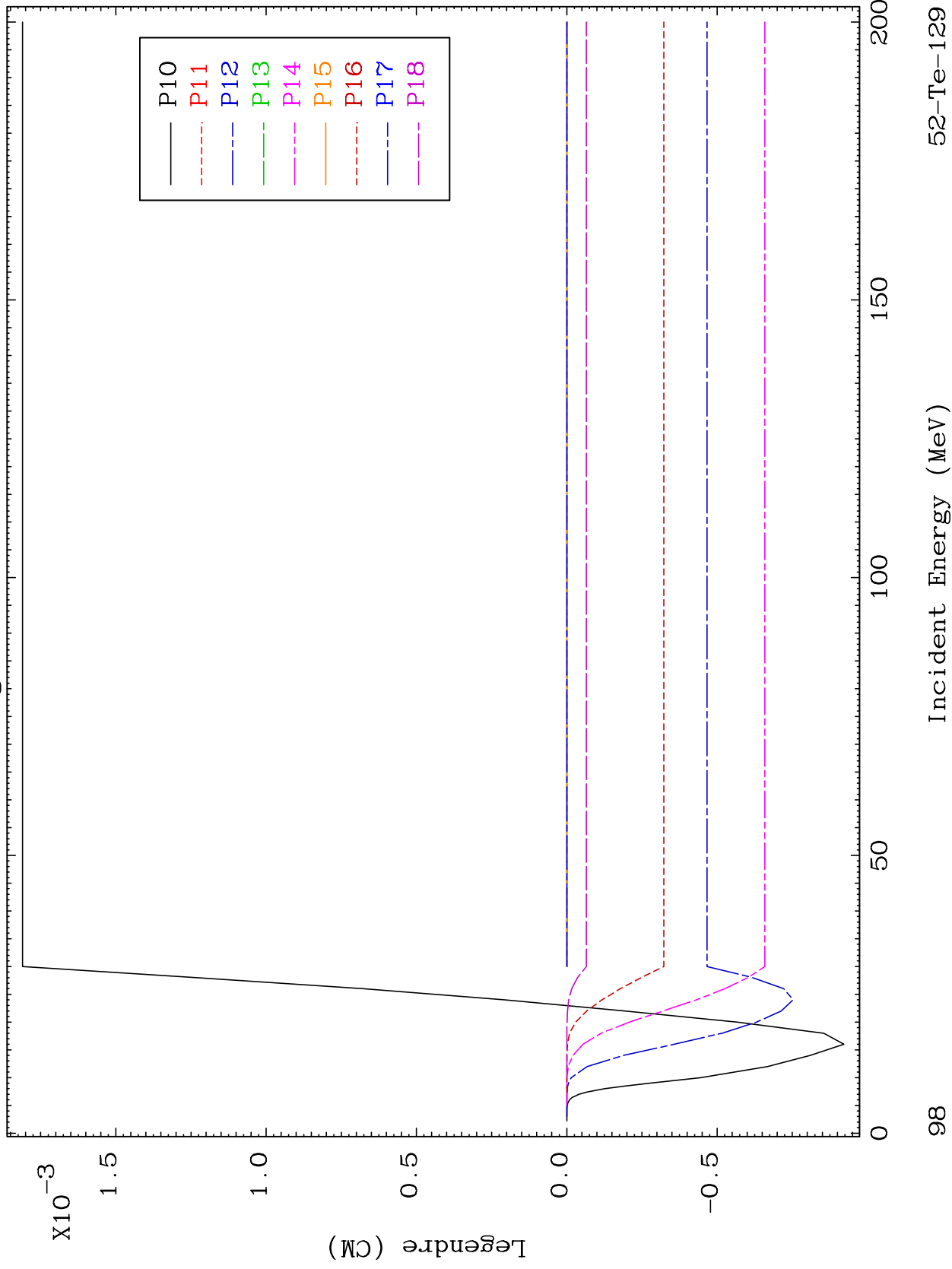




MAT 5252

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

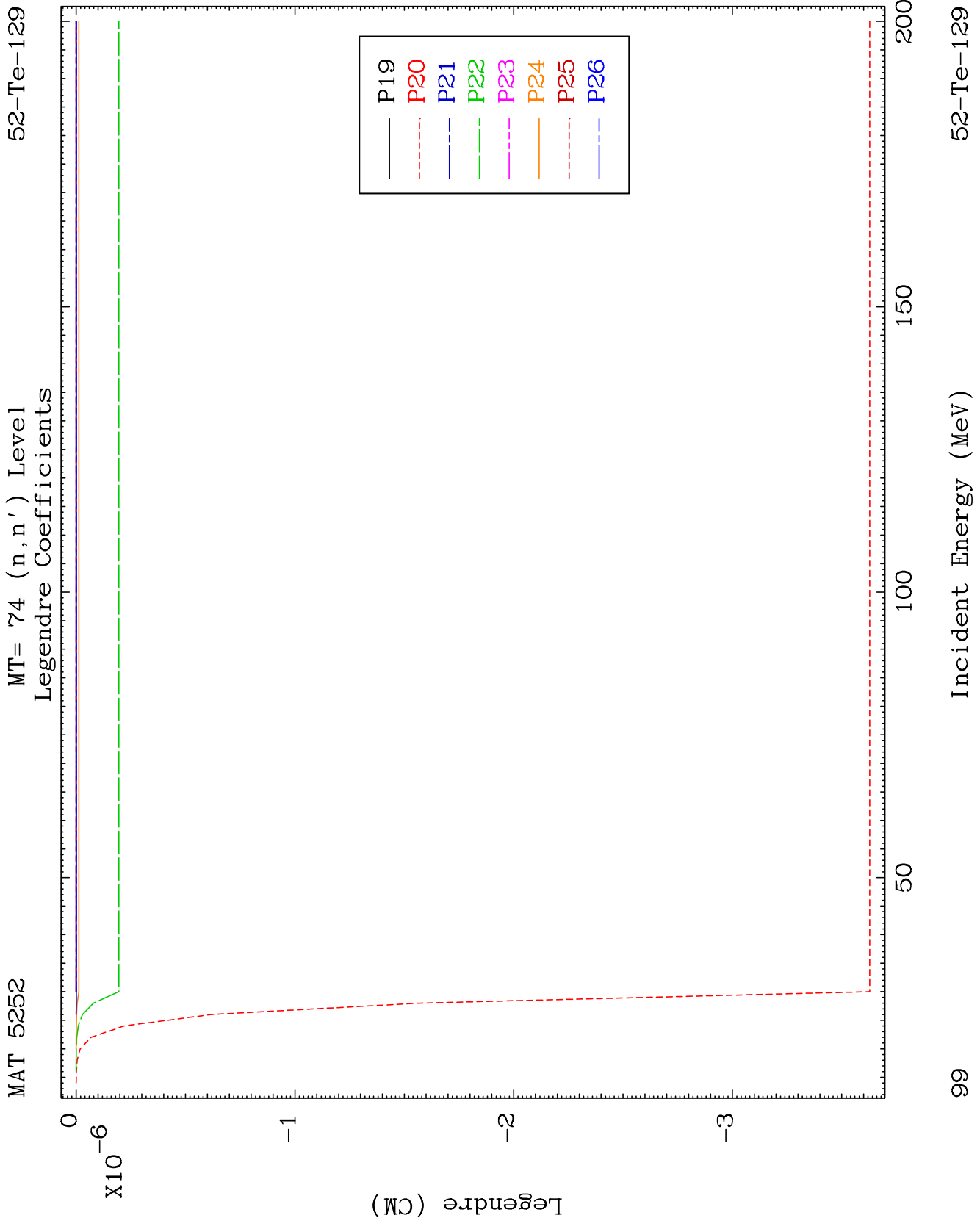
52-Te-129



52-Te-129

Incident Energy (MeV)

98

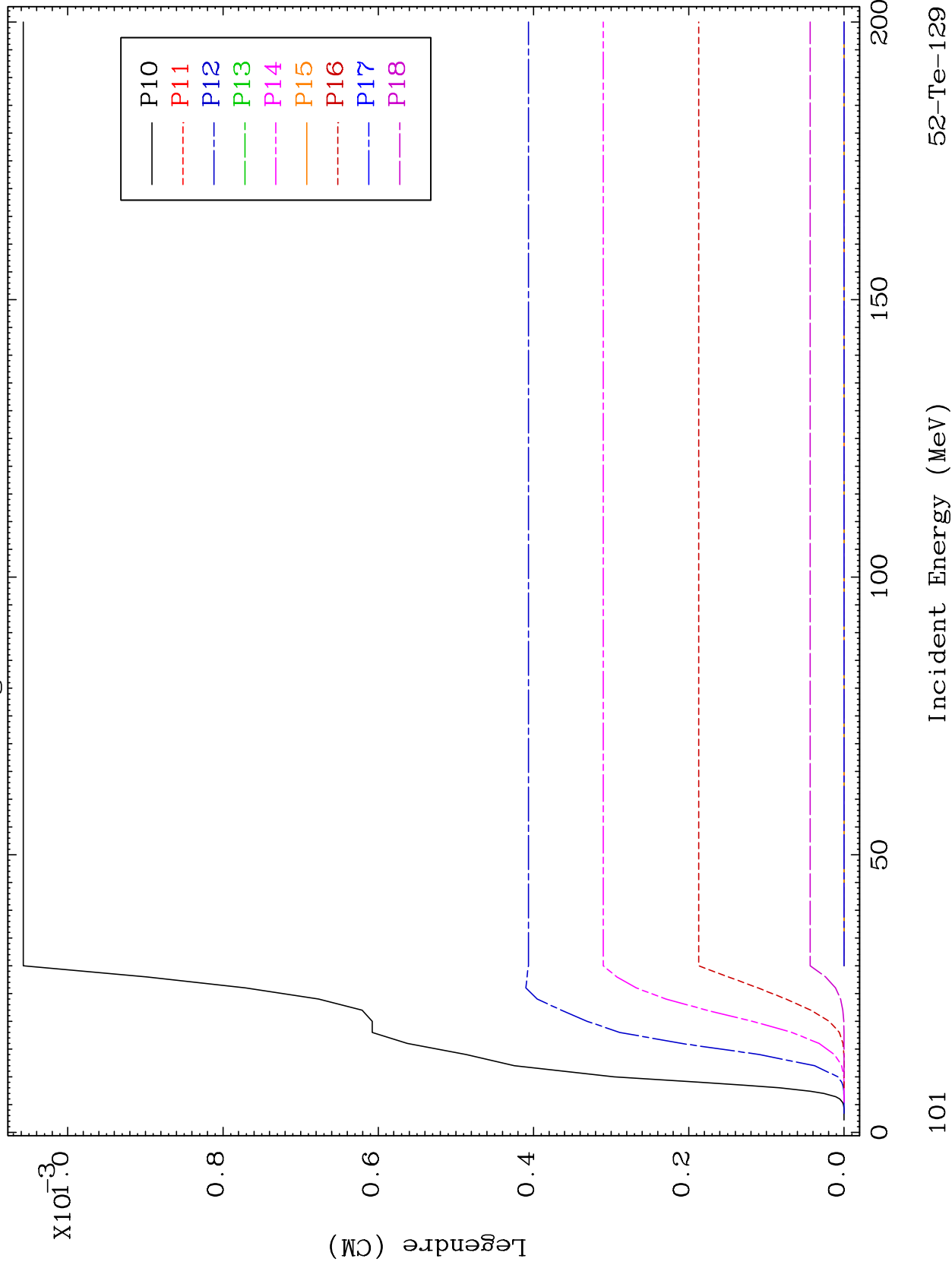




MAT 5252

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

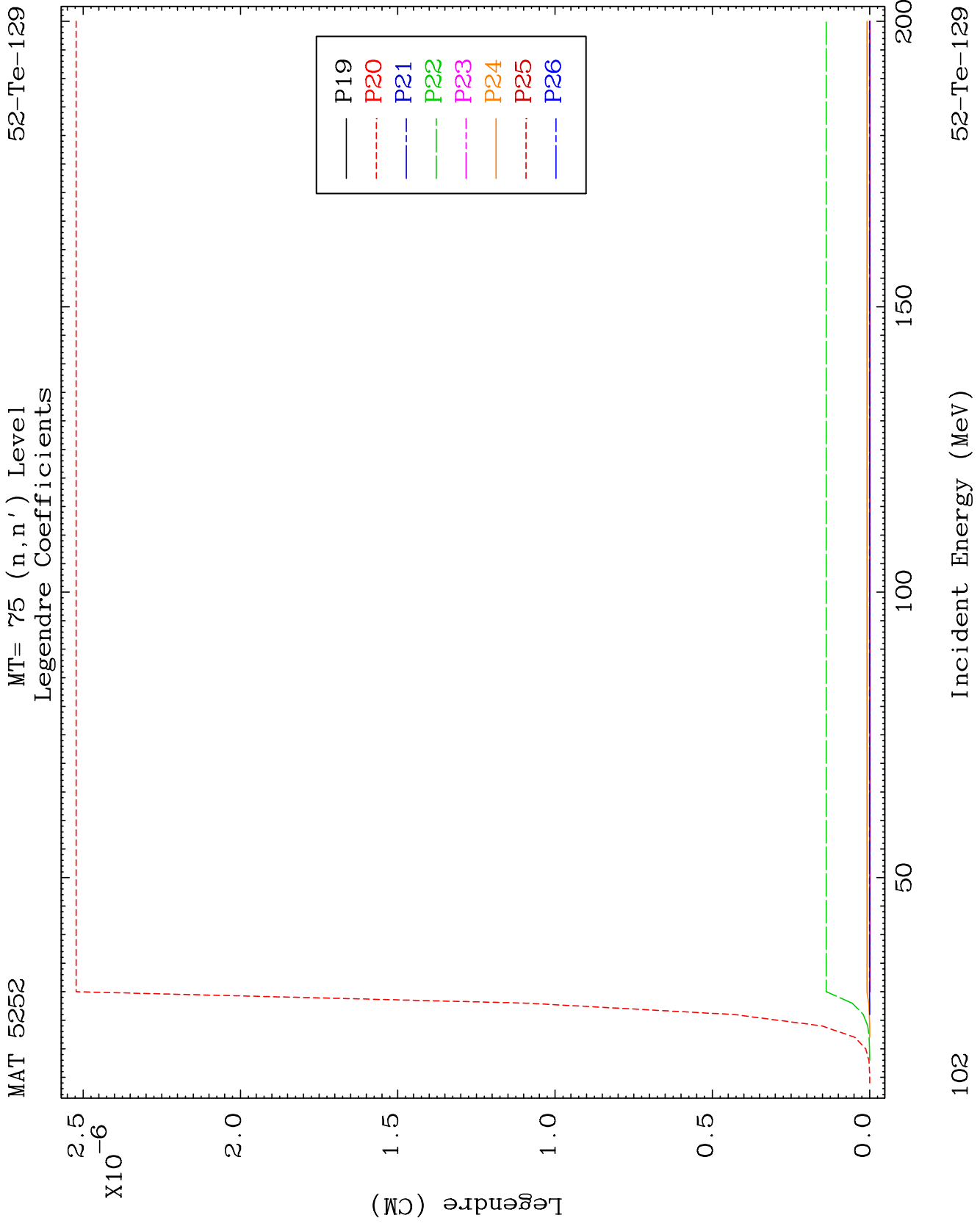
52-Te-129



101

Incident Energy (MeV)

52-Te-129



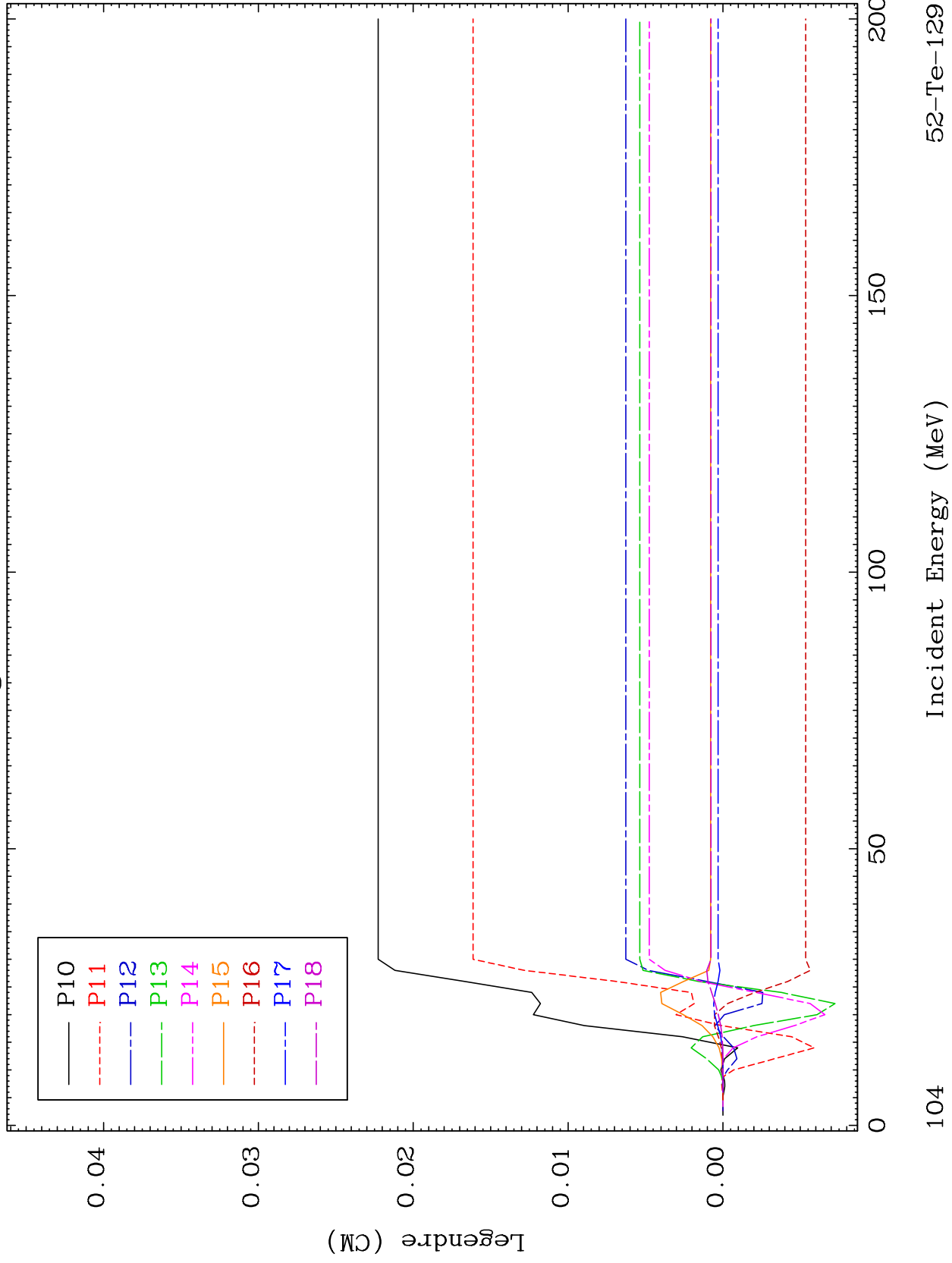




MAT 5252

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

52-Te-129



104

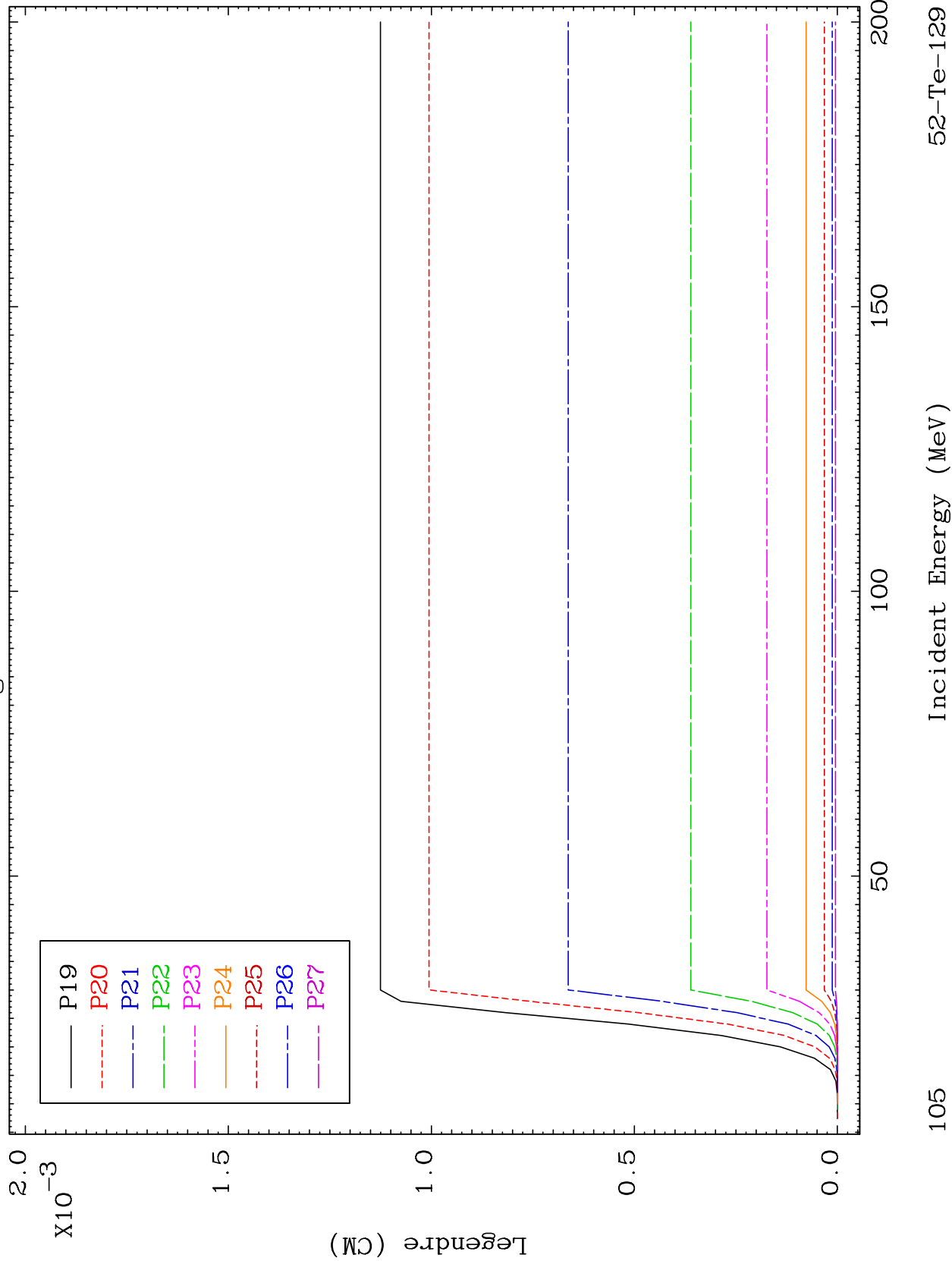
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



105

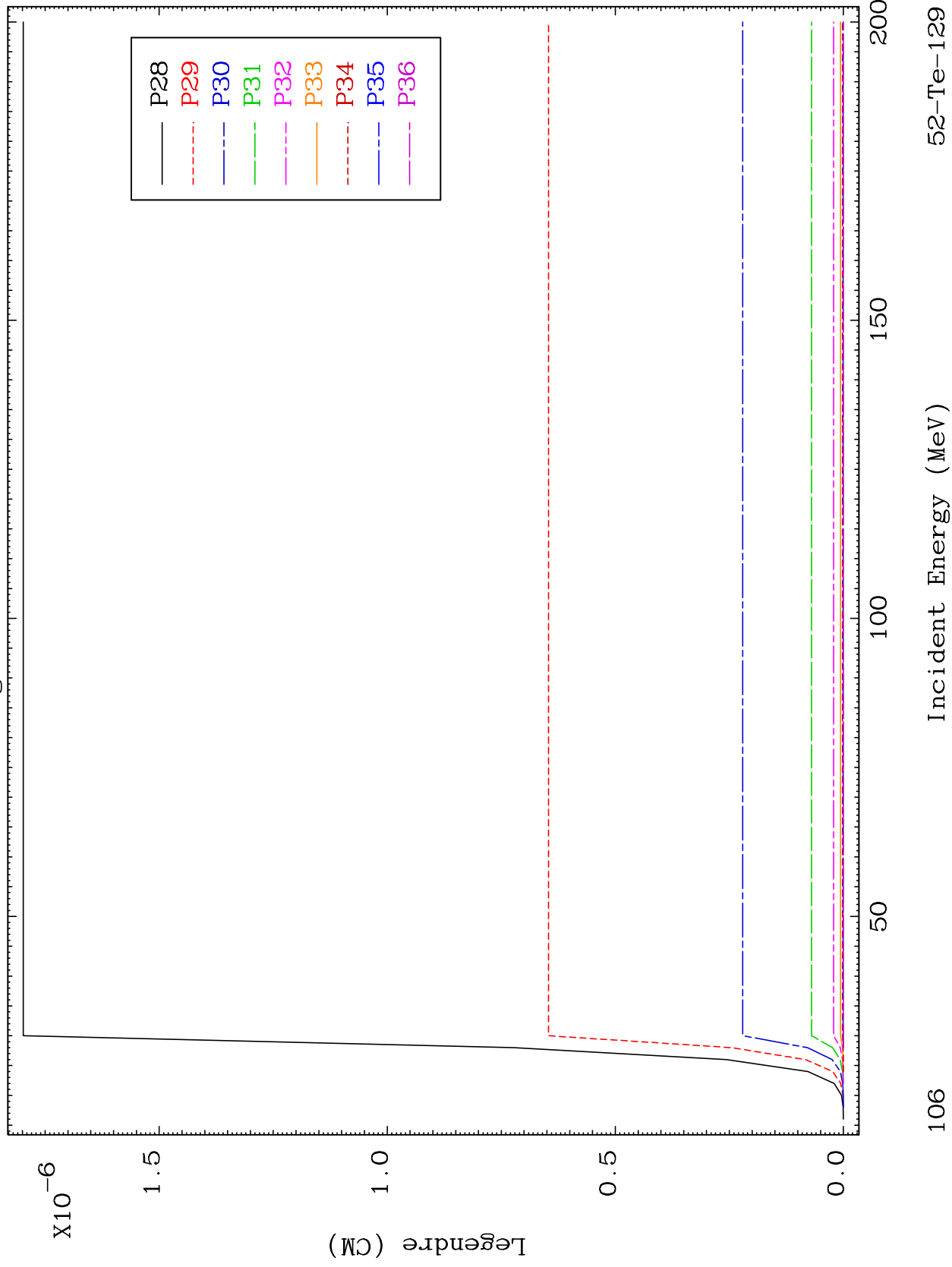
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



106

Incident Energy (MeV)

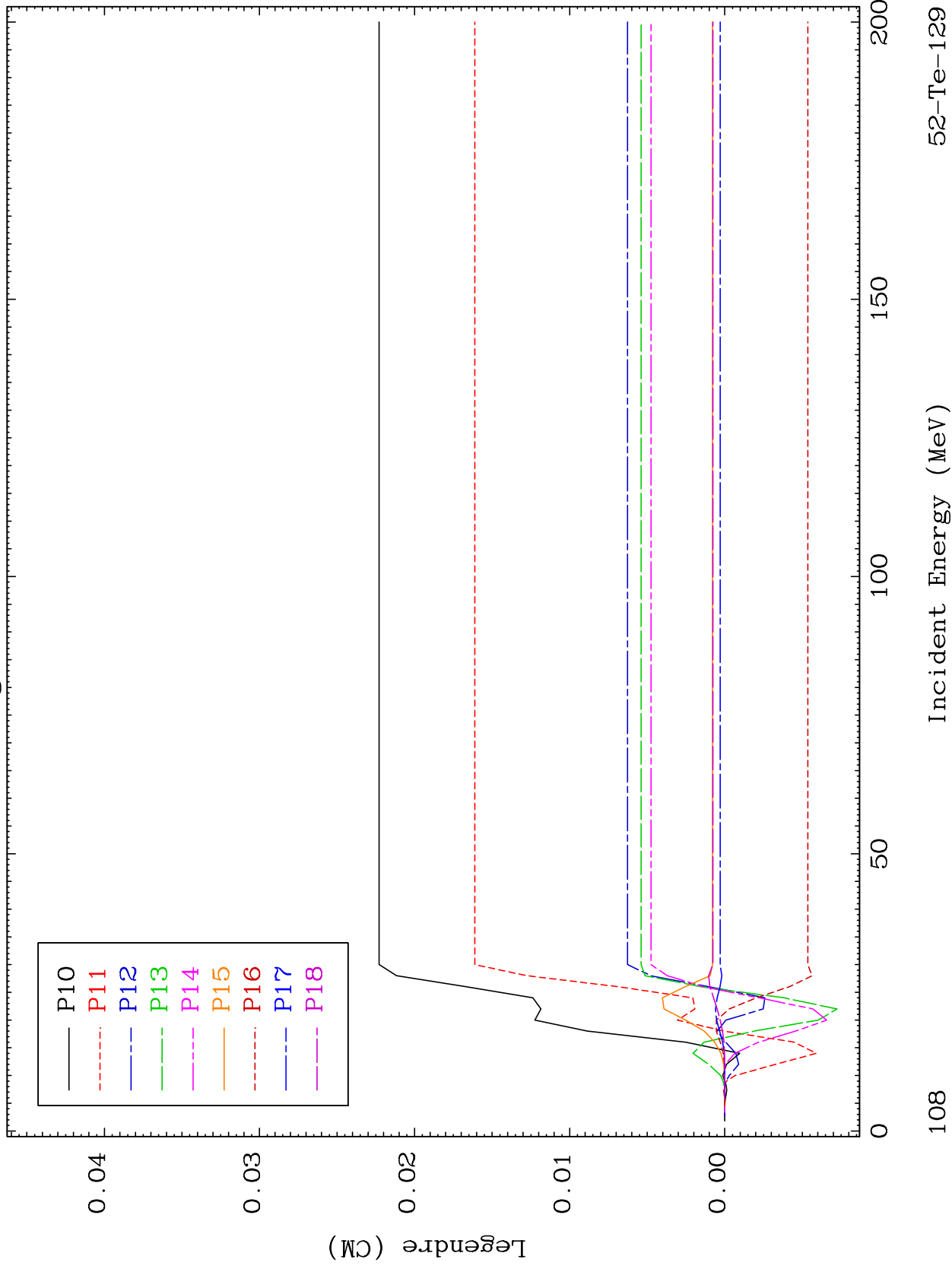
52-Te-129



MAT 5252

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

52-Te-129



52-Te-129

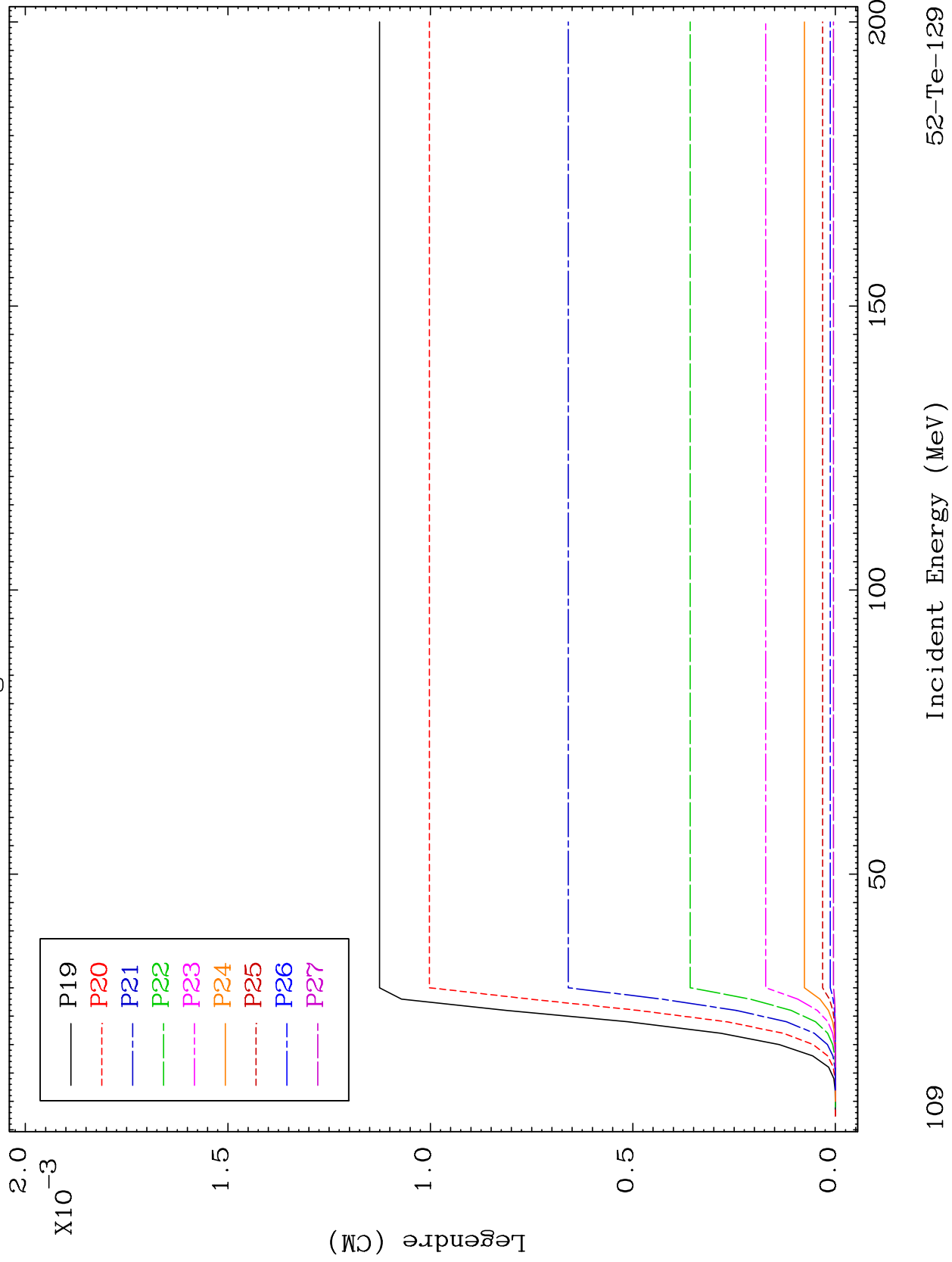
Incident Energy (MeV)

108

MAT 5252

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

52-Te-129

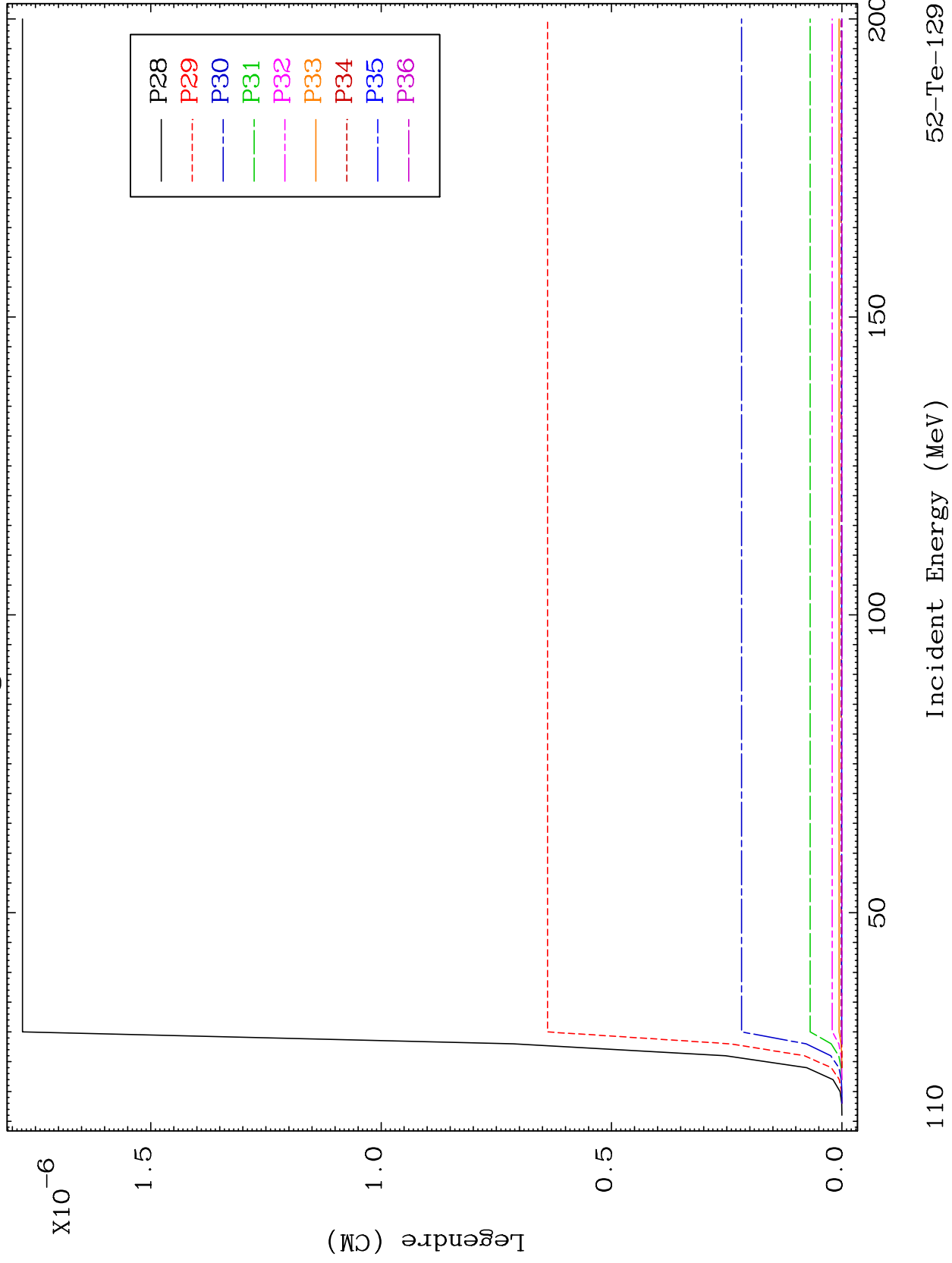


109

MAT 5252

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

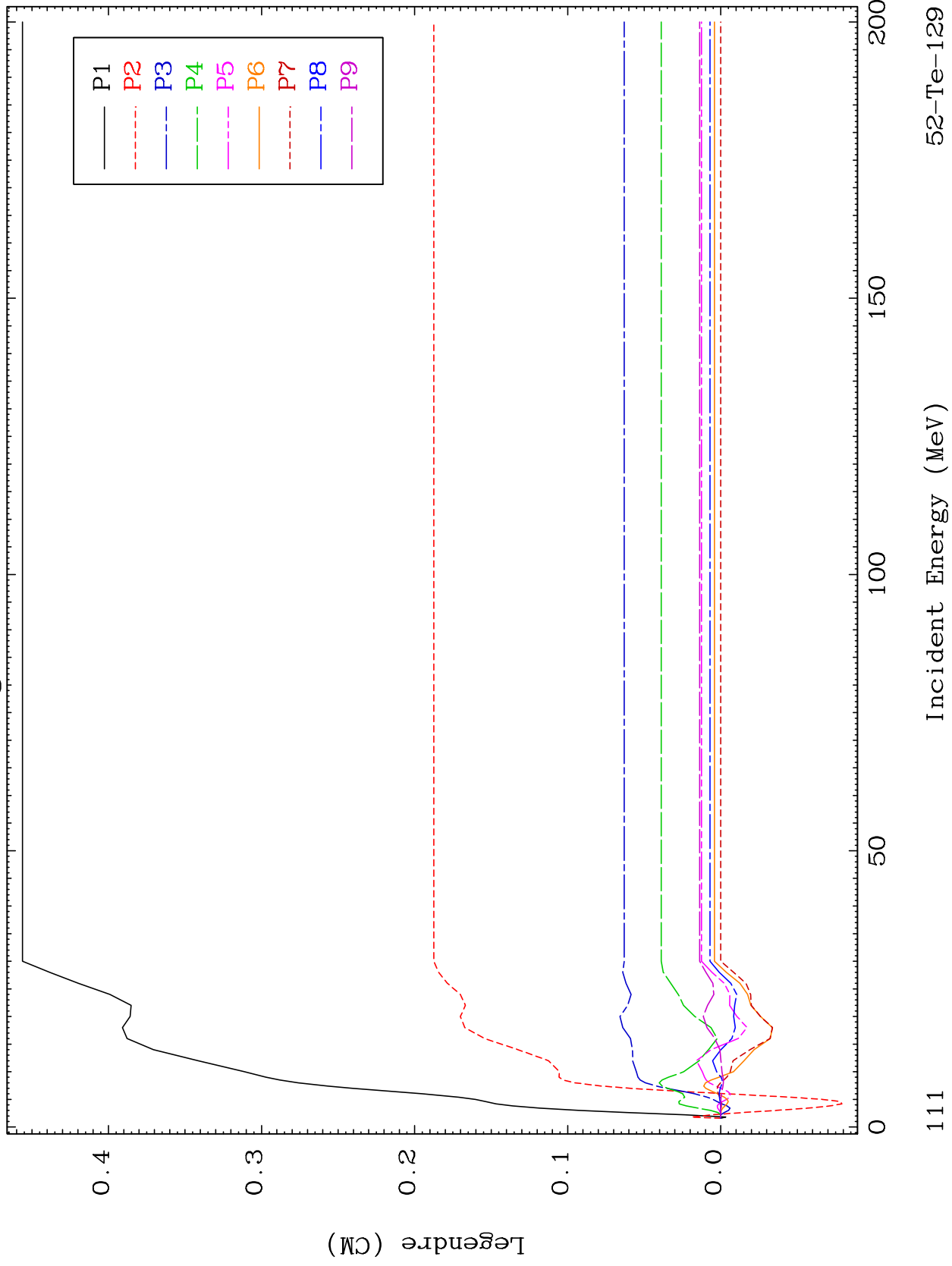
52-Te-129



MAT 5252

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

52-Te-129

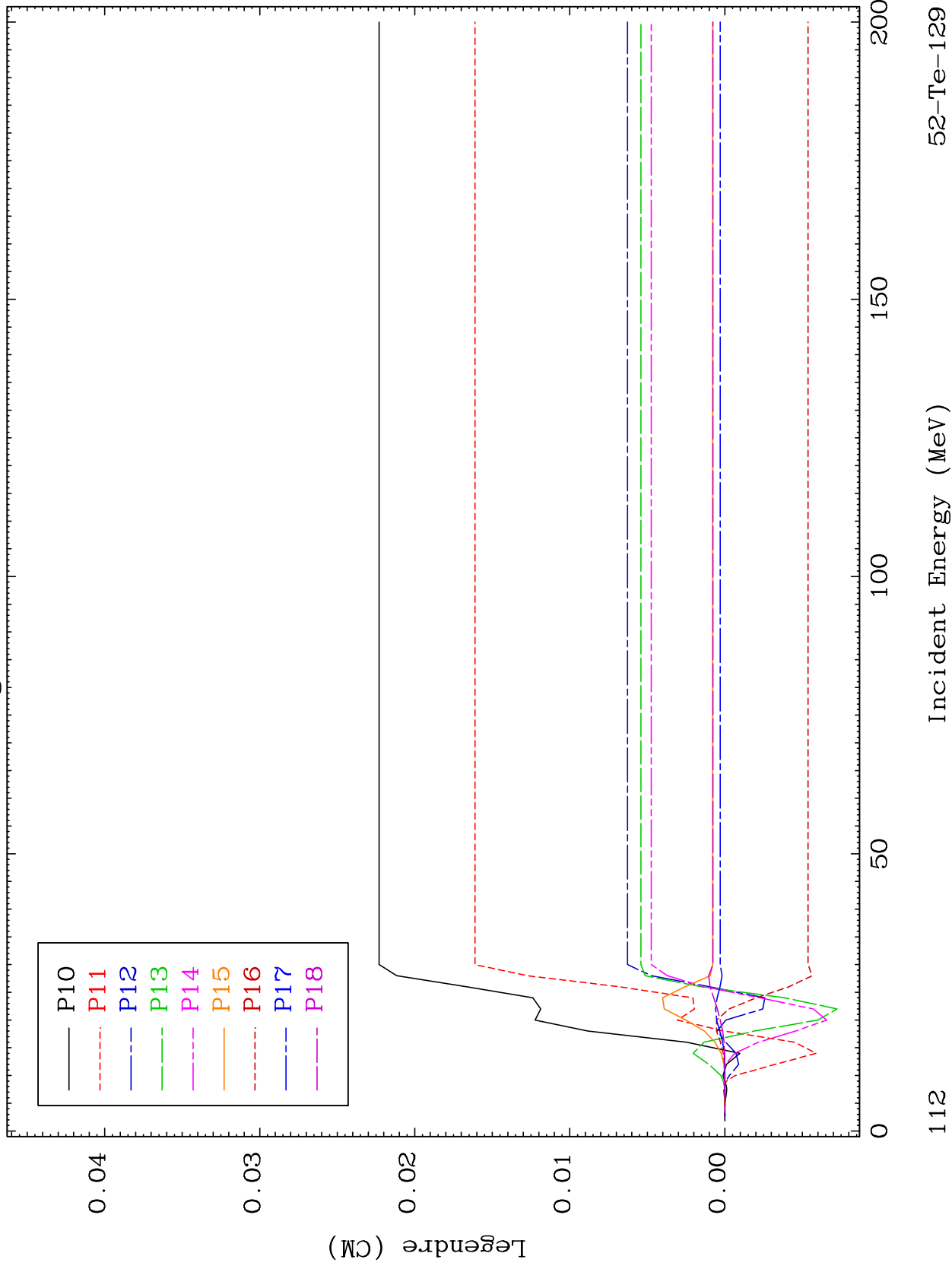




MAT 5252

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

52-Te-129



112

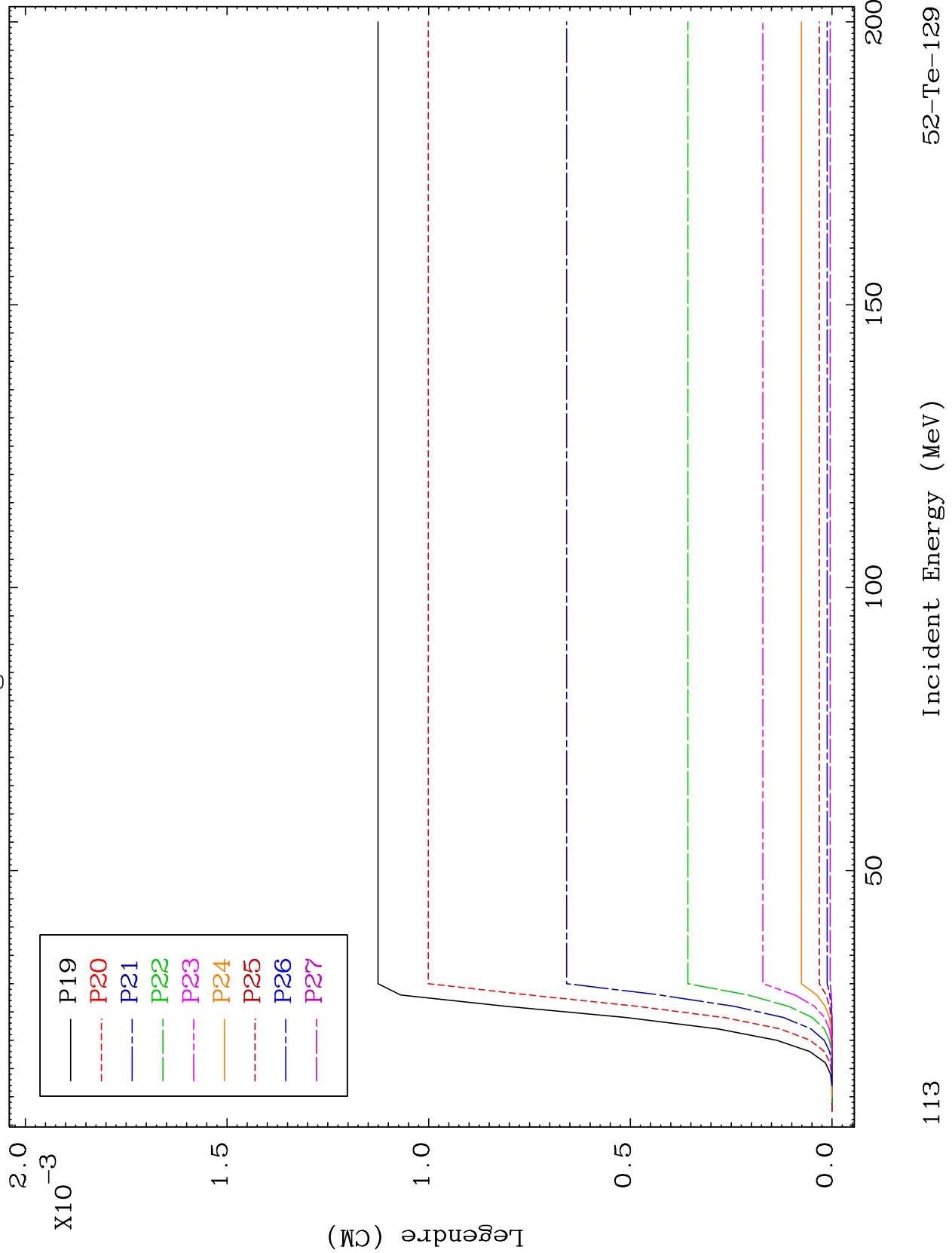
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



113

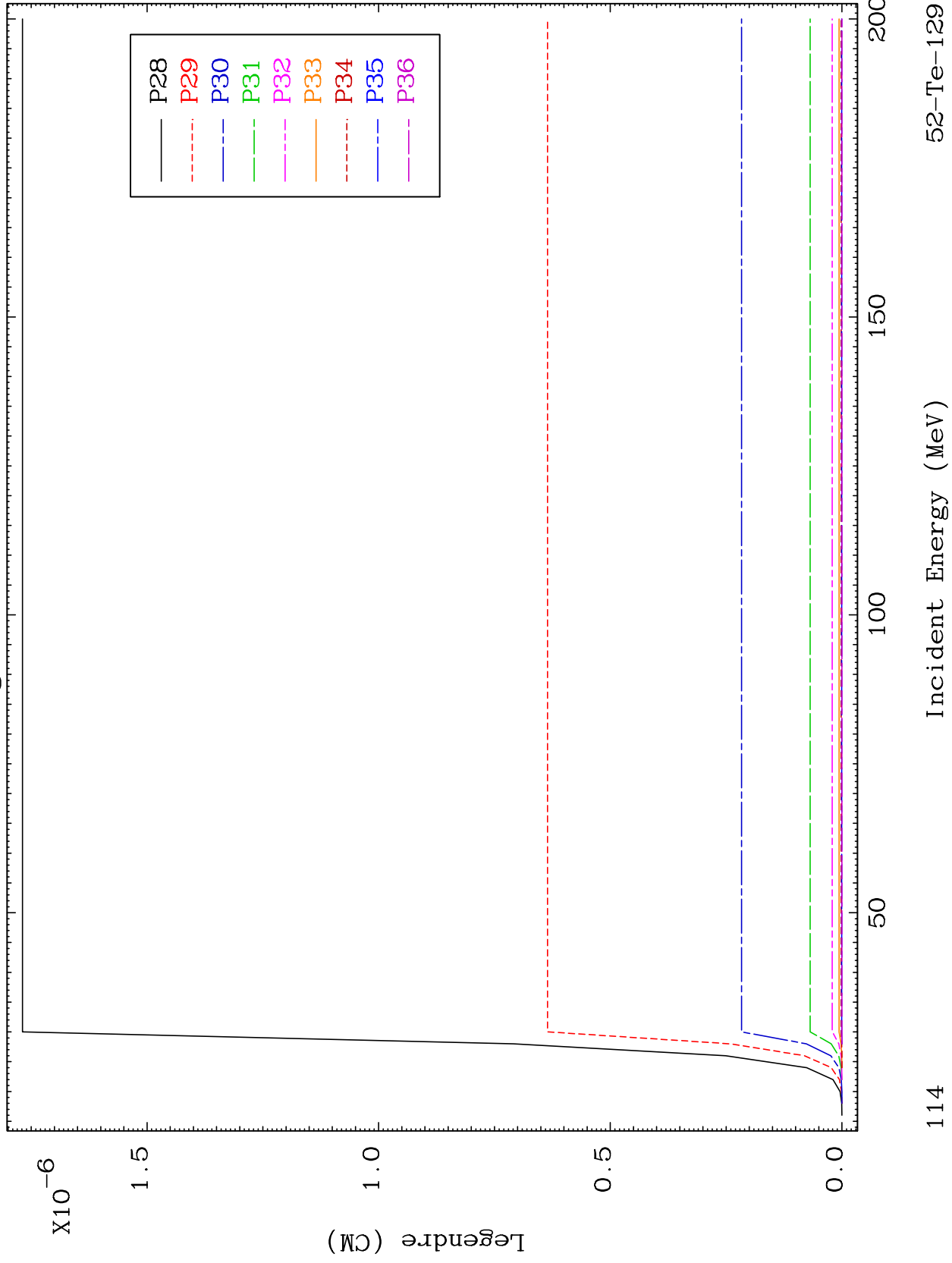
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



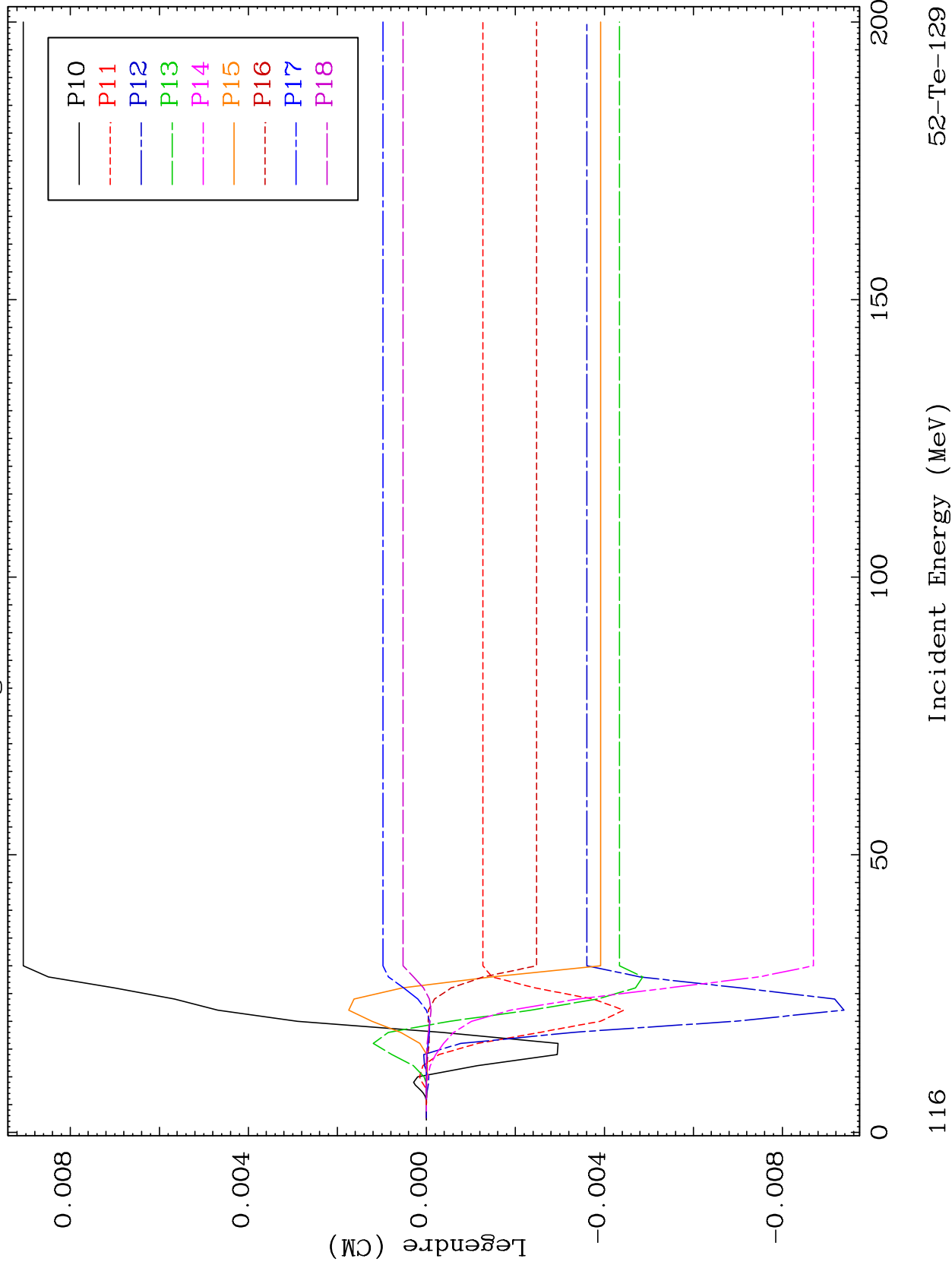
114



MAT 5252

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

52-Te-129



52-Te-129

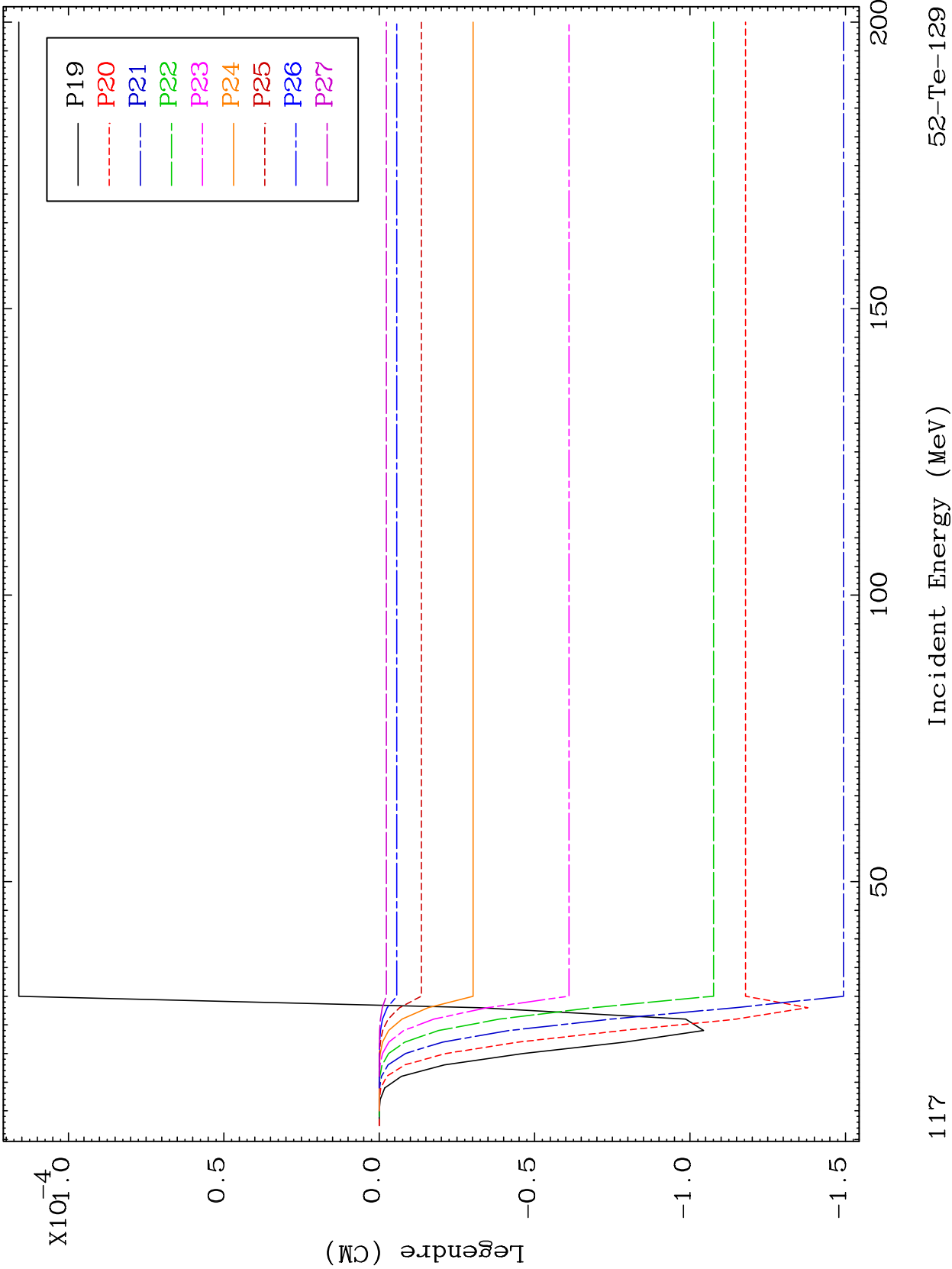
Incident Energy (MeV)

116

MAT 5252

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

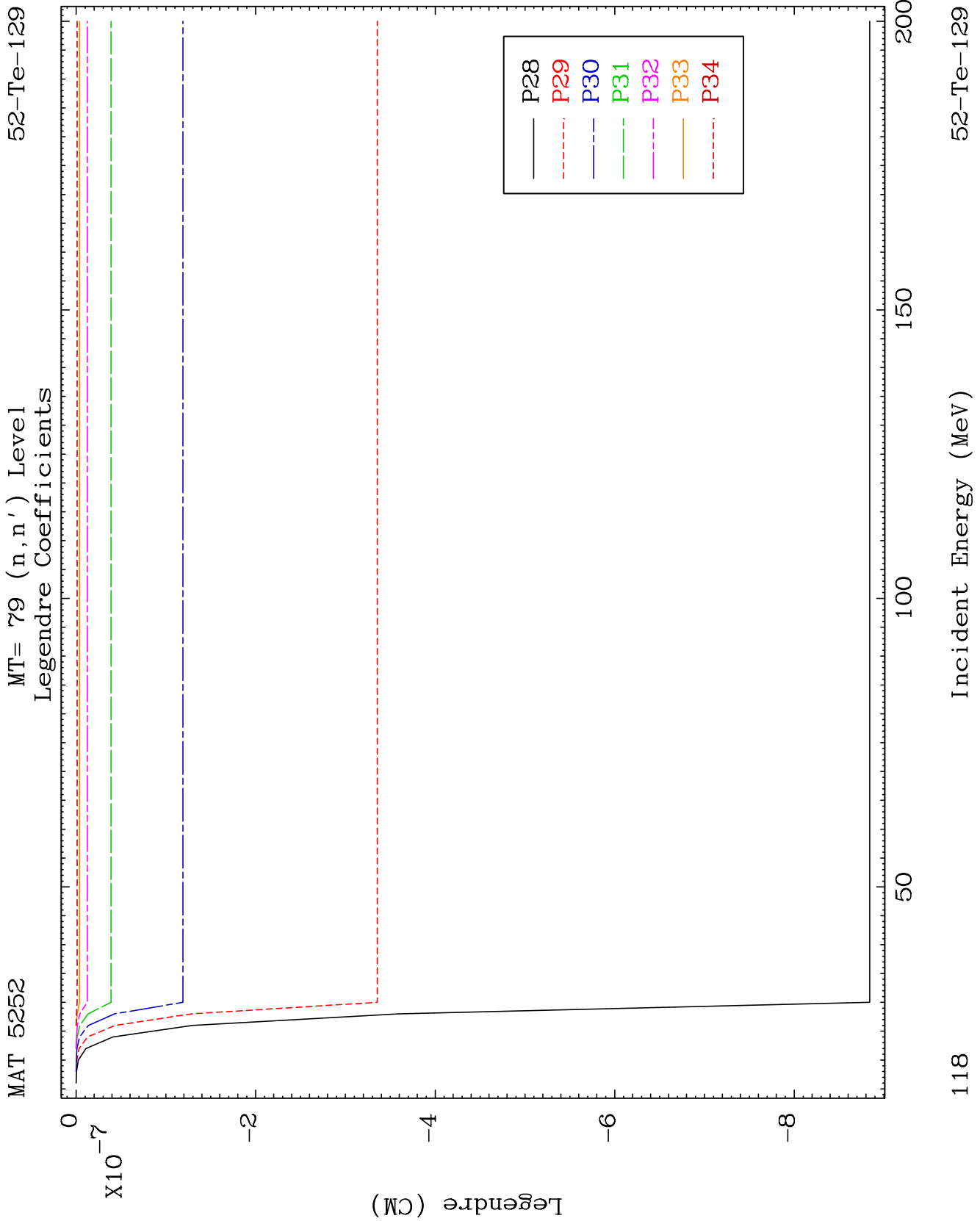
52-Te-129

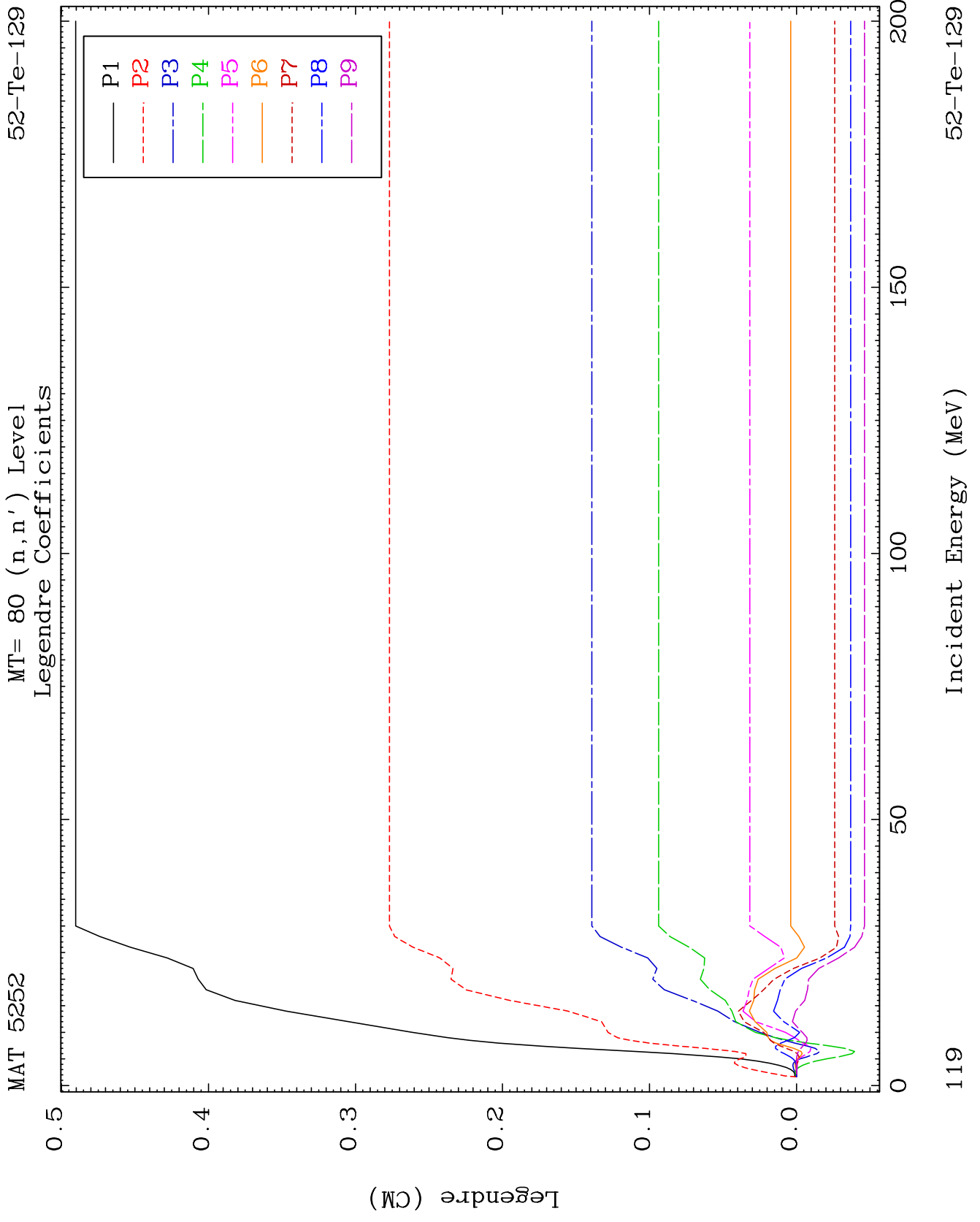


117

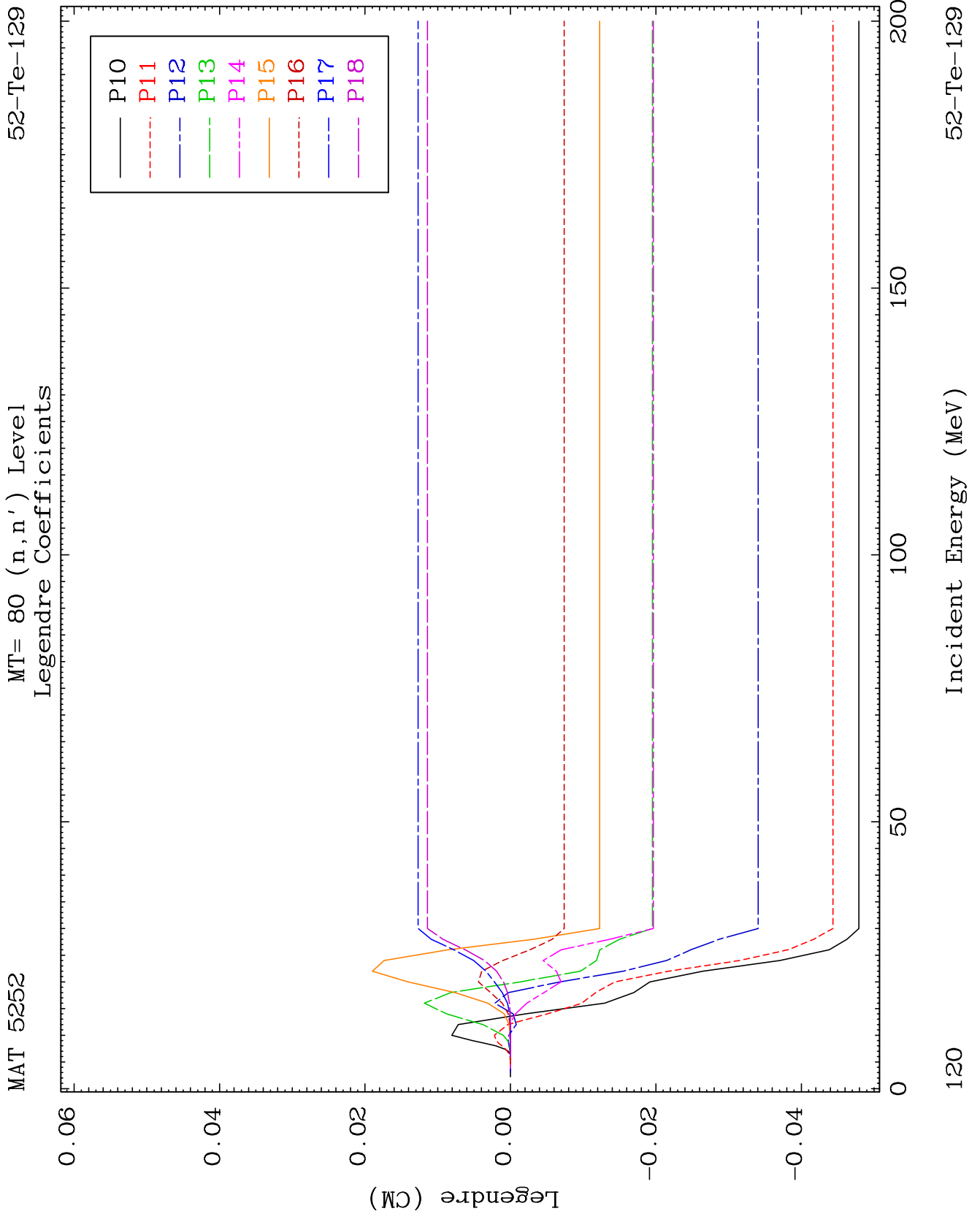
Incident Energy (MeV)

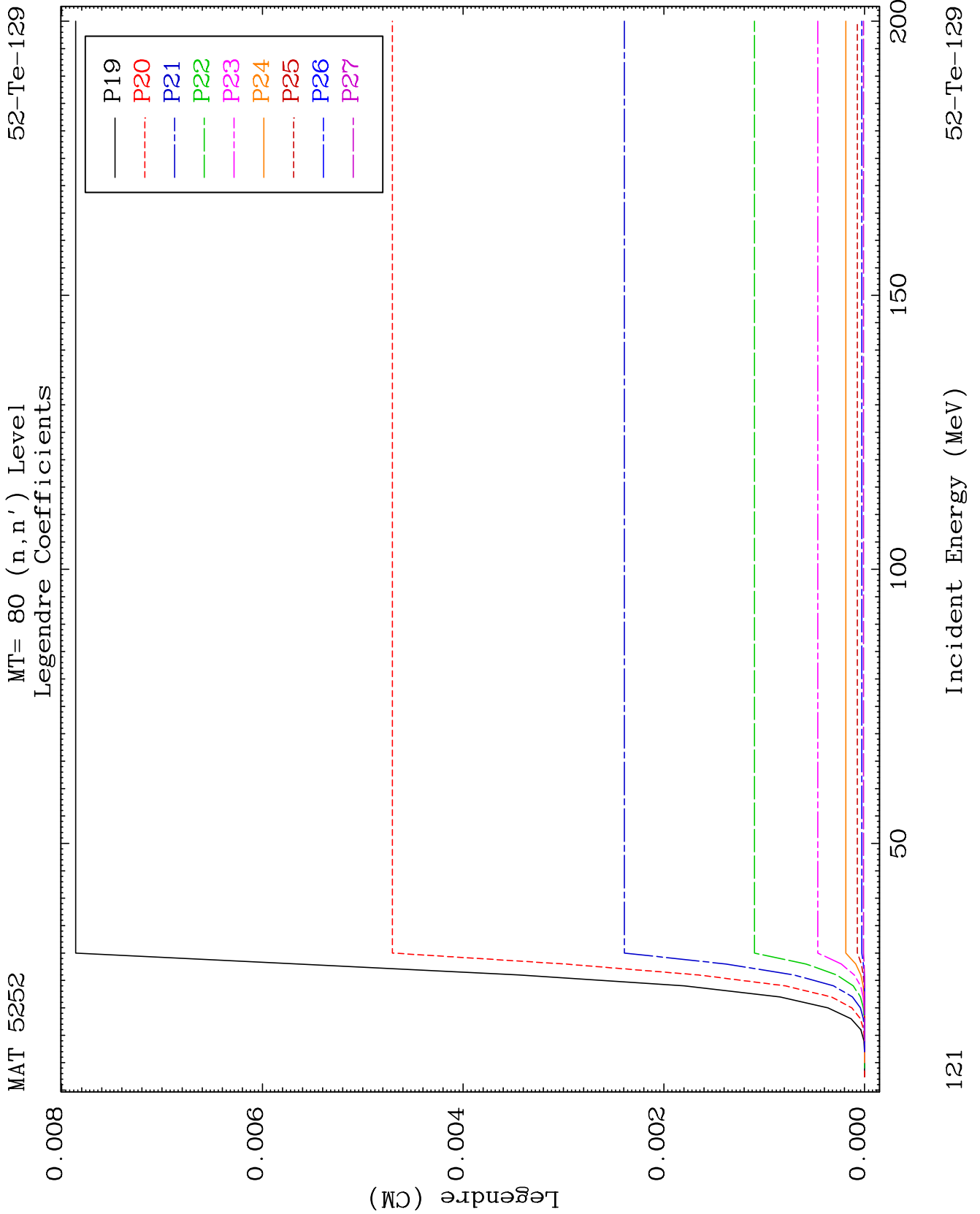
52-Te-129







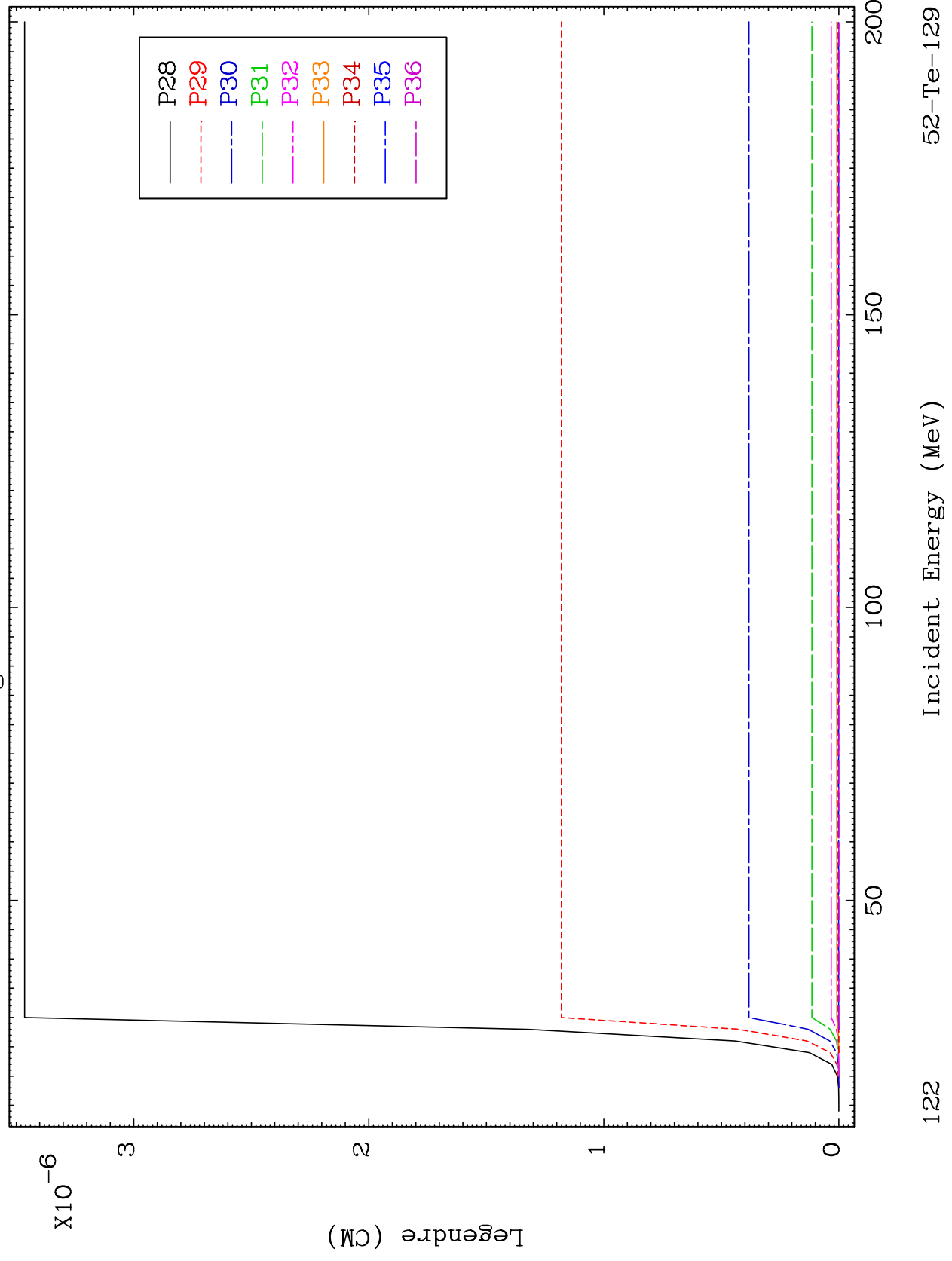




MAT 5252

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

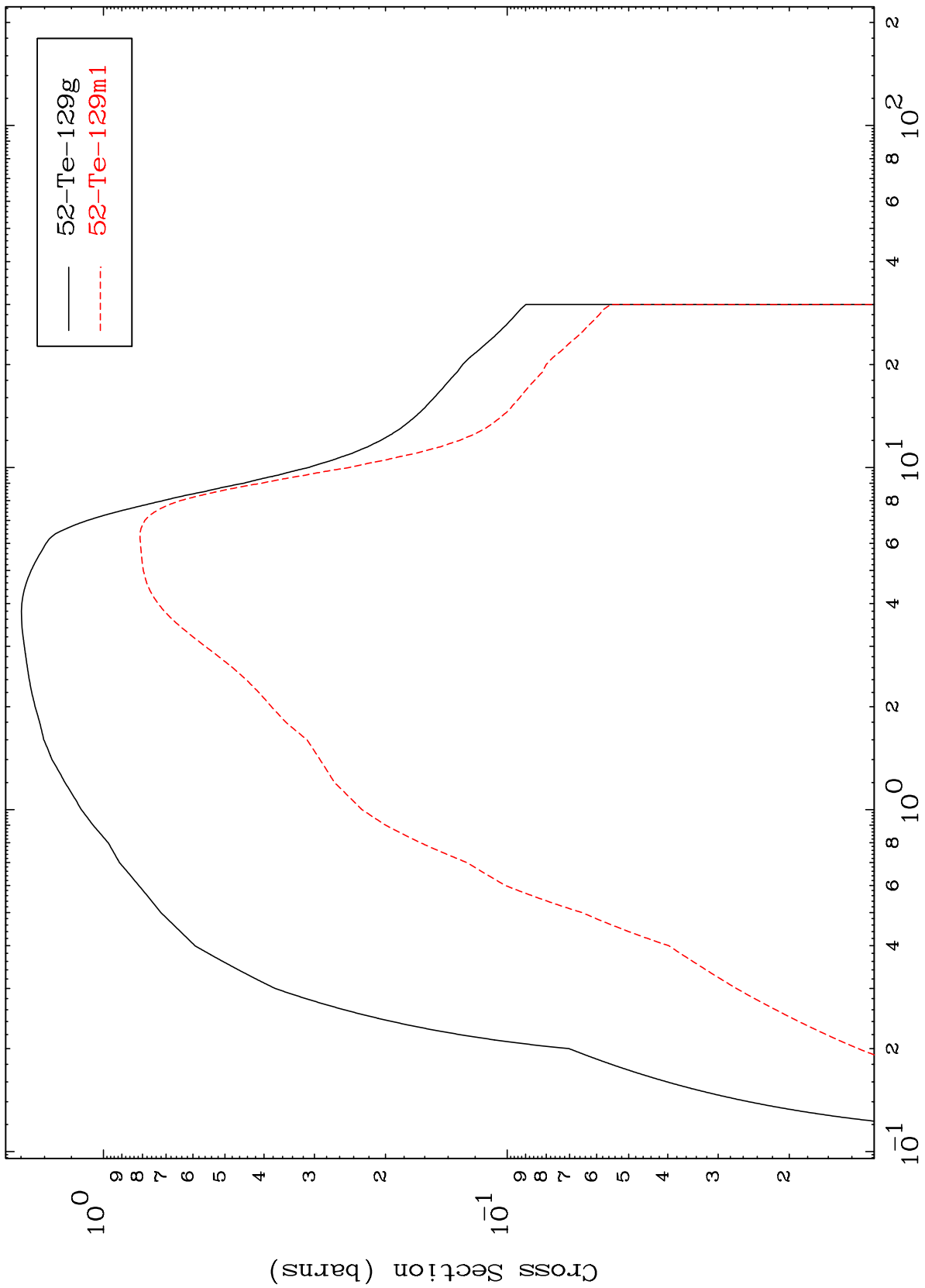
52-Te-129



MAT 5252

52-Te-129

Inelastic  
Radionuclide Production Cross Section

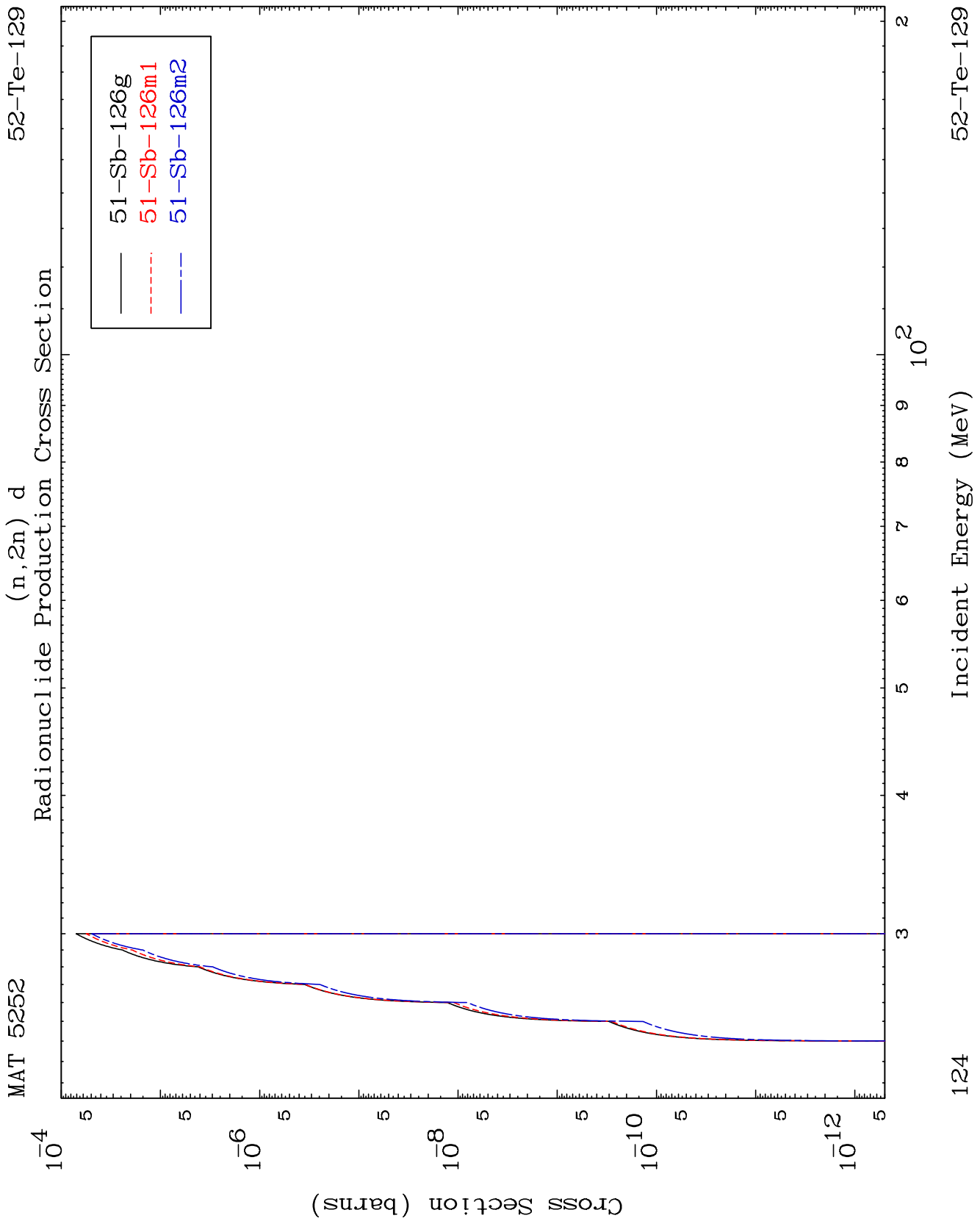


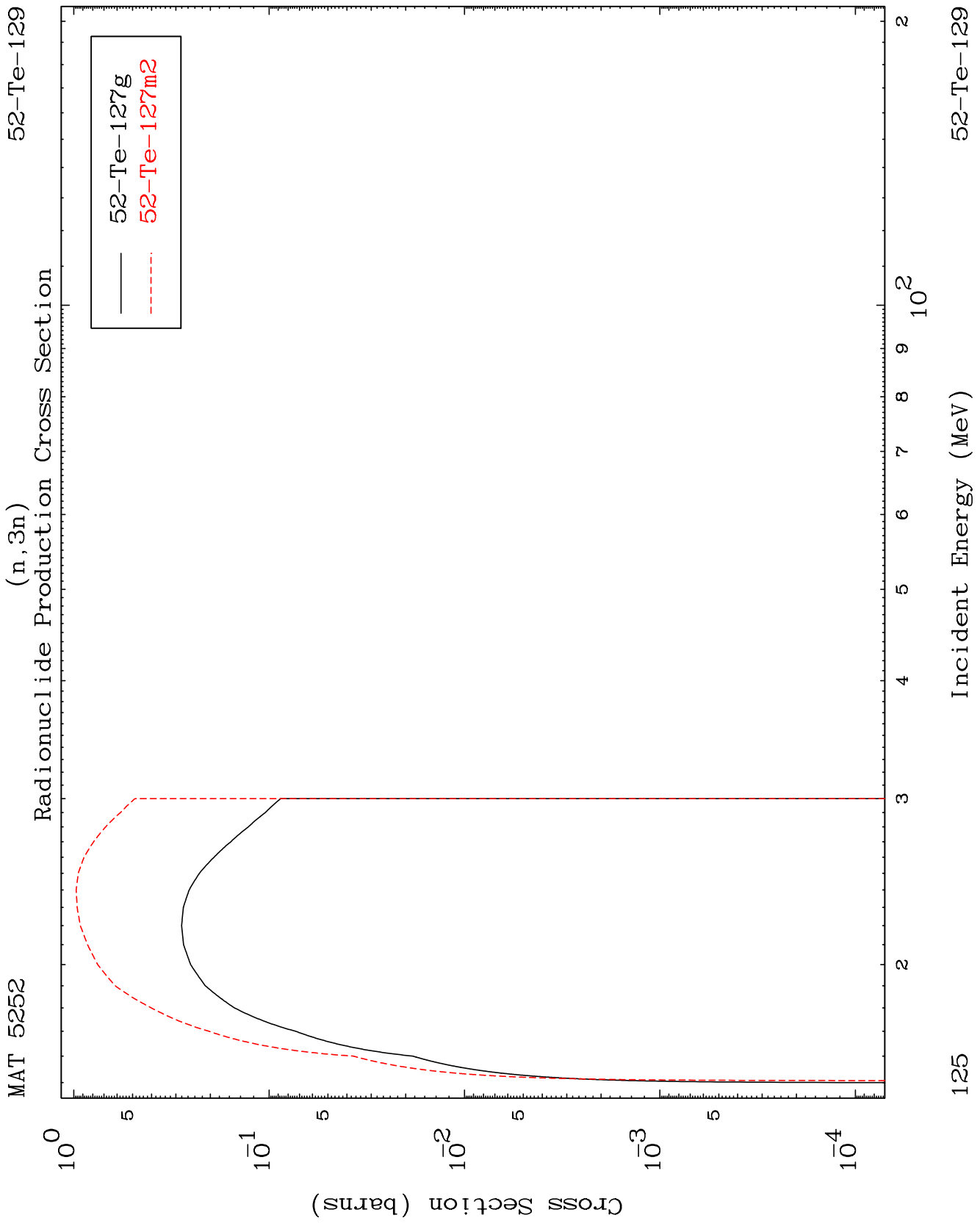
— 52-Te-129g  
- - - 52-Te-129m1

52-Te-129

Incident Energy (MeV)

123

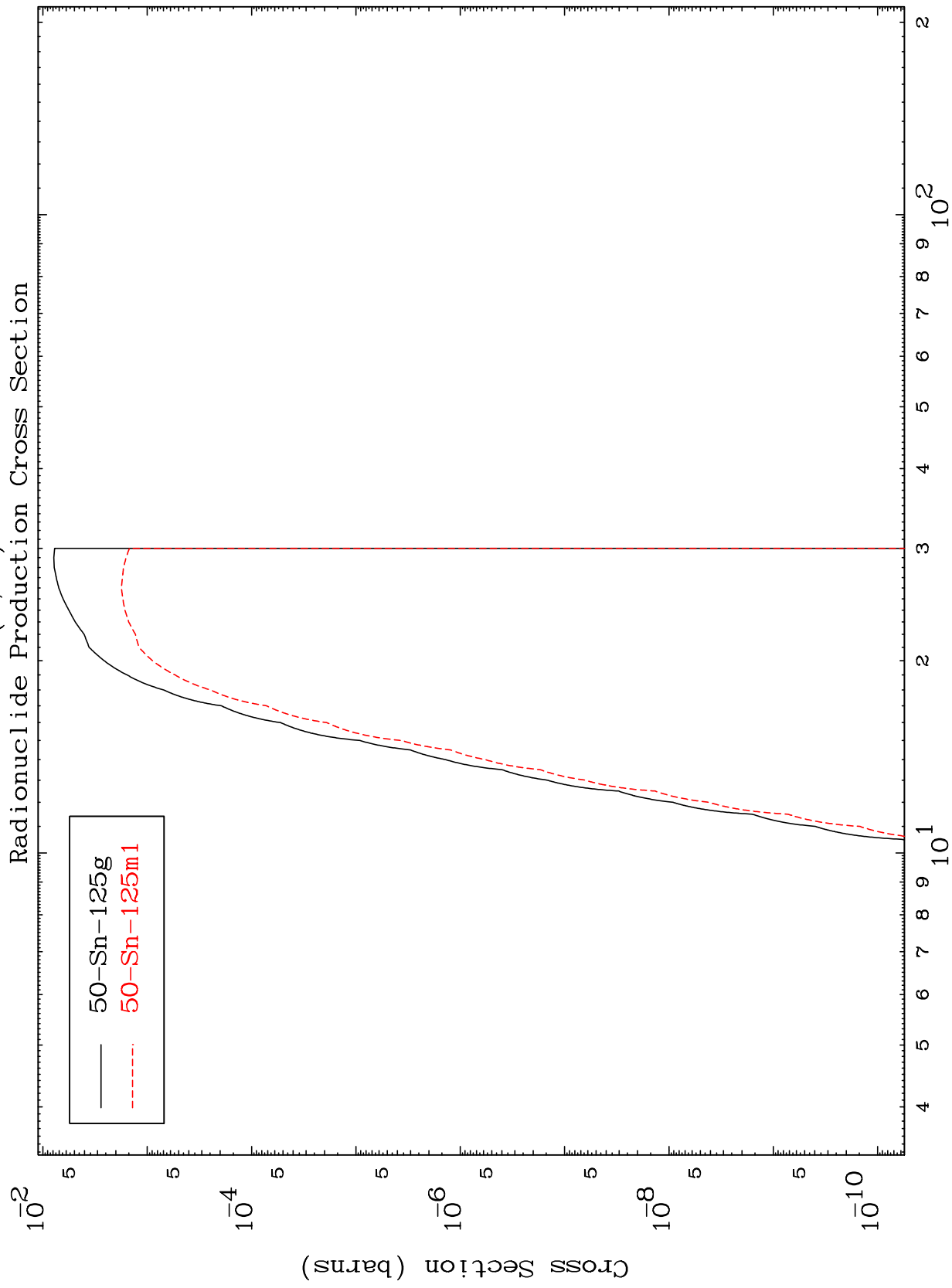




MAT 5252

(n,n')  $\alpha$

52-Te-129



126

Incident Energy (MeV)

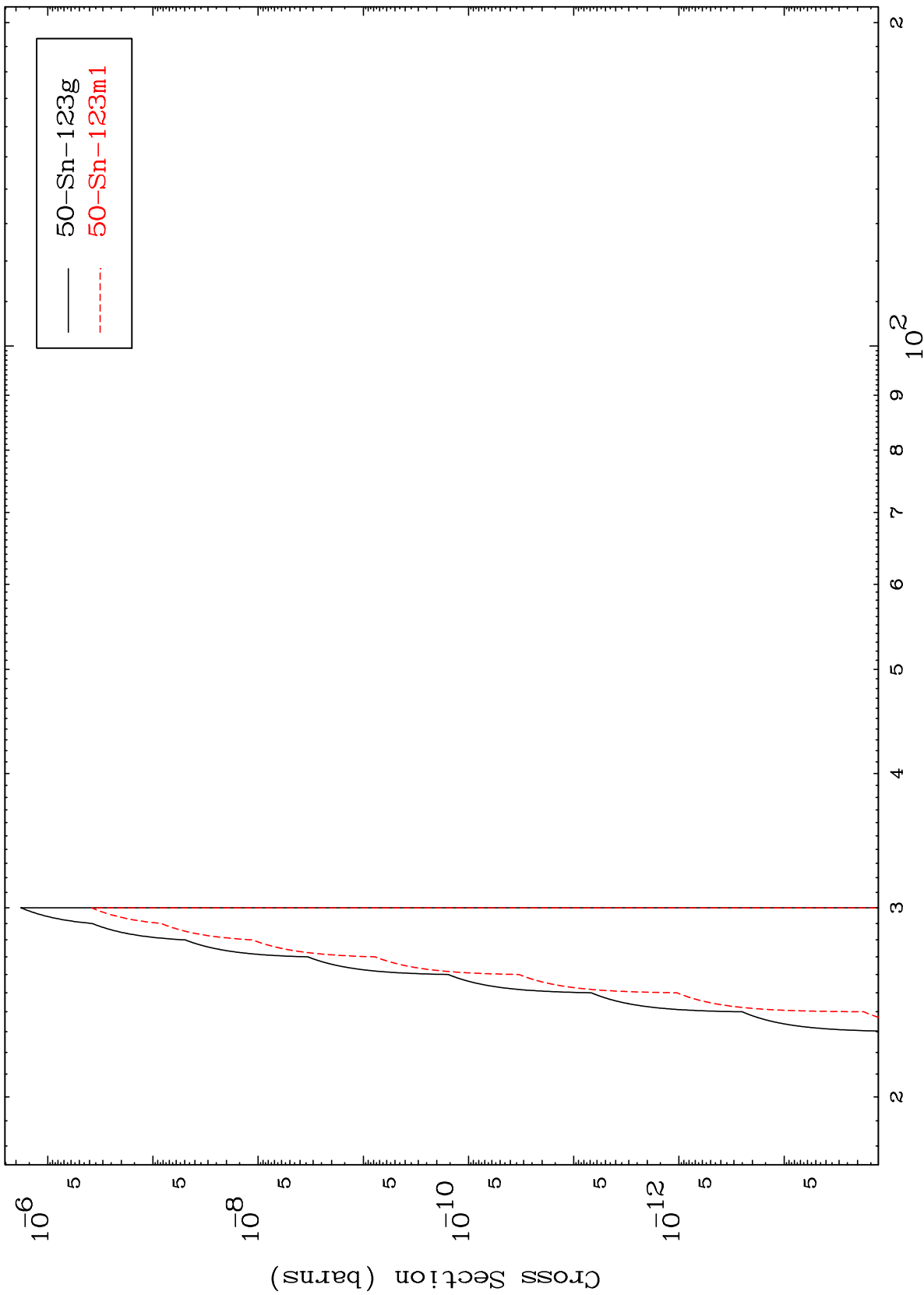
52-Te-129

MAT 5252

(n,3n)  $\alpha$

52-Te-129

Radionuclide Production Cross Section



127

Incident Energy (MeV)

52-Te-129

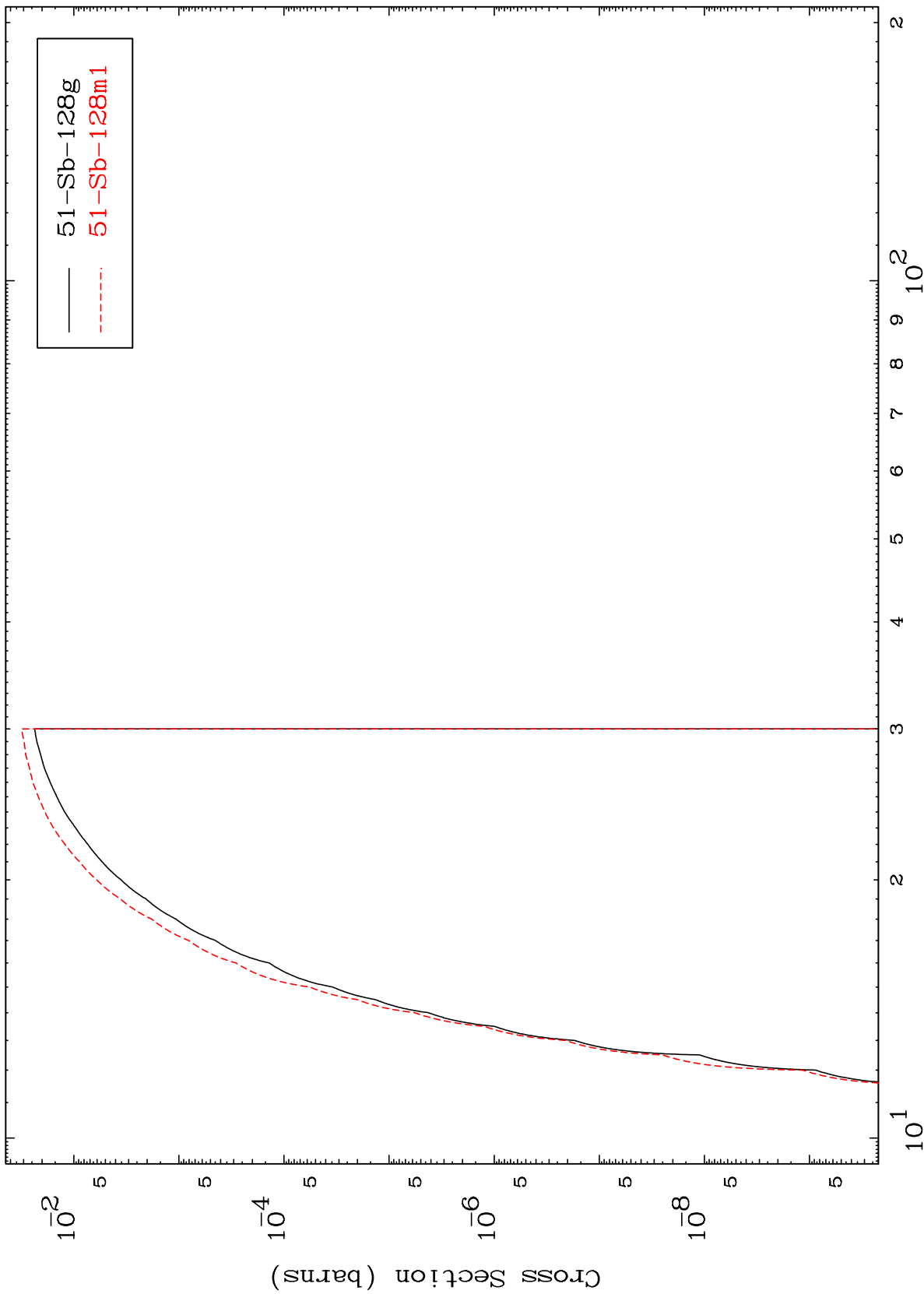


MAT 5252

(n,n') p

52-Te-129

Radionuclide Production Cross Section



Incident Energy (MeV)

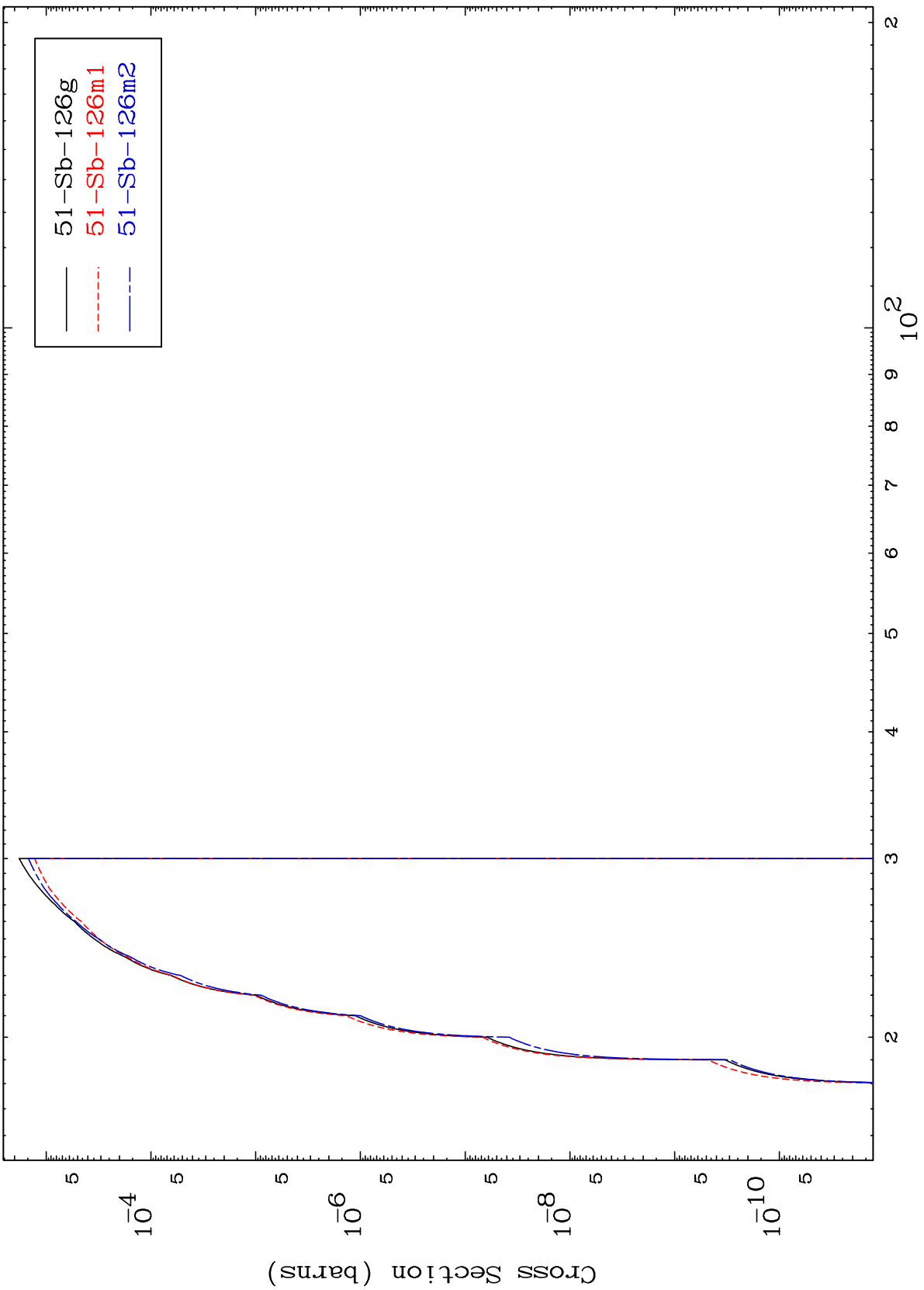
52-Te-129

MAT 5252

(n,n') t

52-Te-129

Radionuclide Production Cross Section



129

Incident Energy (MeV)

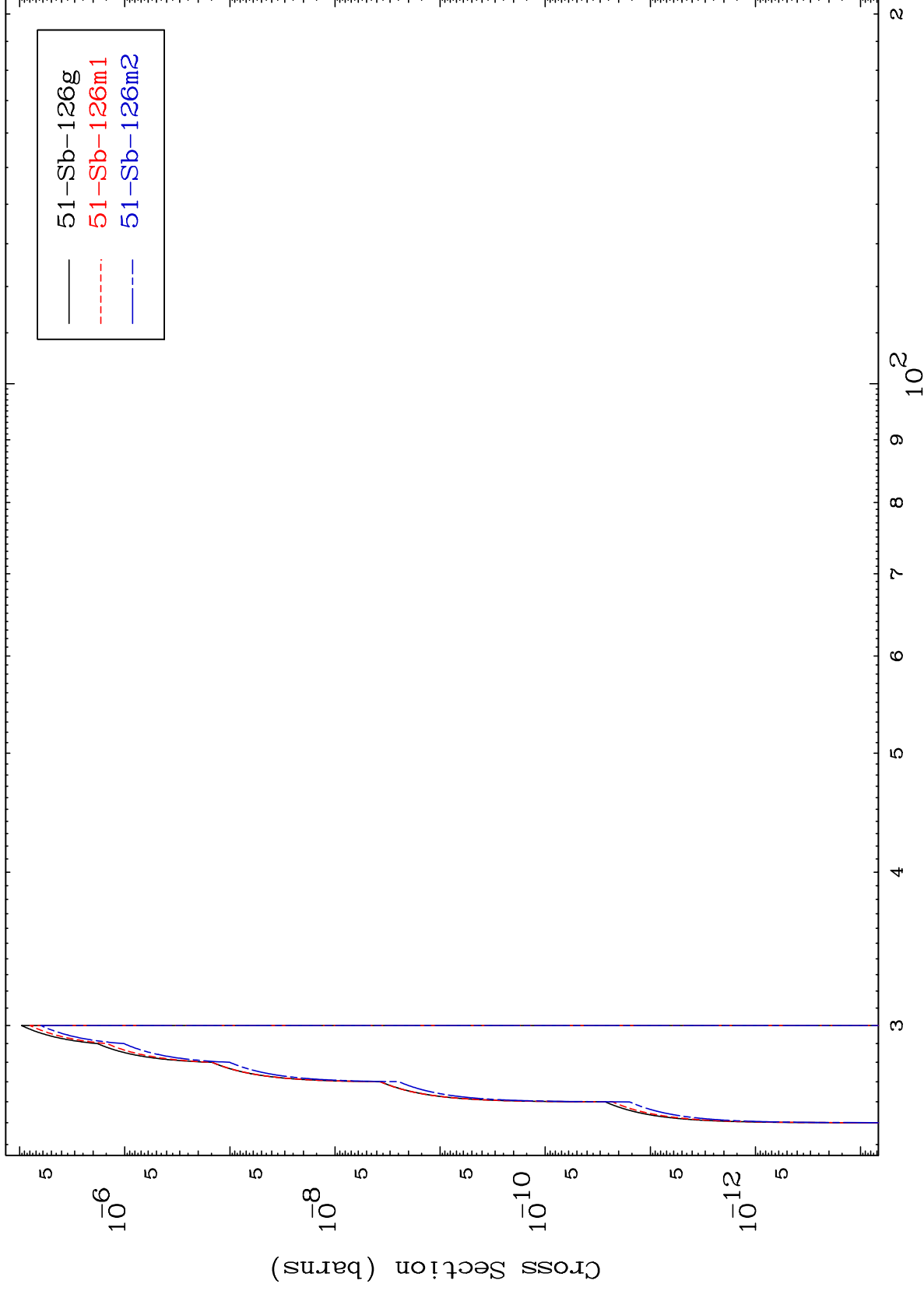
52-Te-129

MAT 5252

(n,3n) p

52-Te-129

Radionuclide Production Cross Section



130

Incident Energy (MeV)

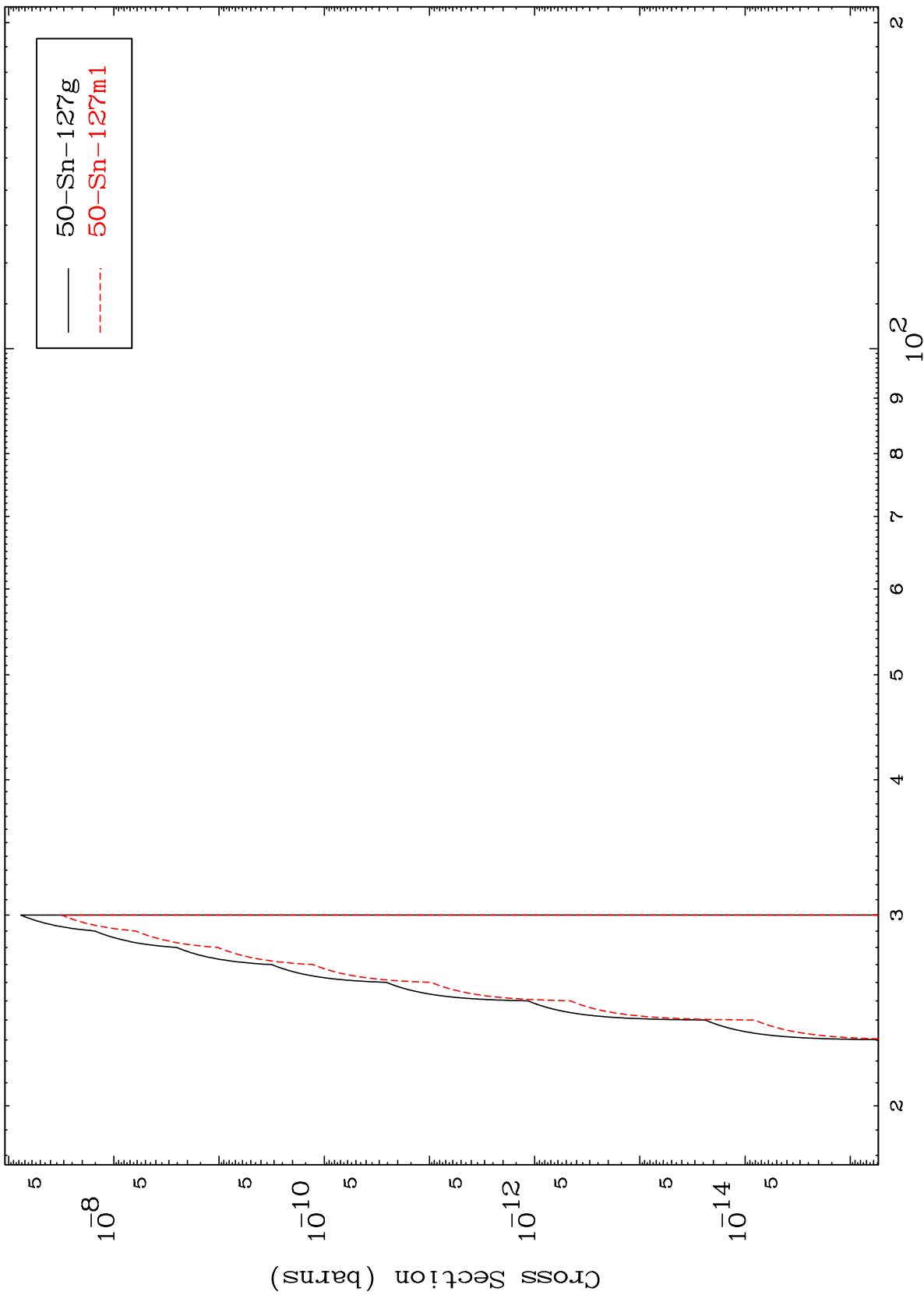
52-Te-129

MAT 5252

(n,2n) p

52-Te-129

Radionuclide Production Cross Section



131

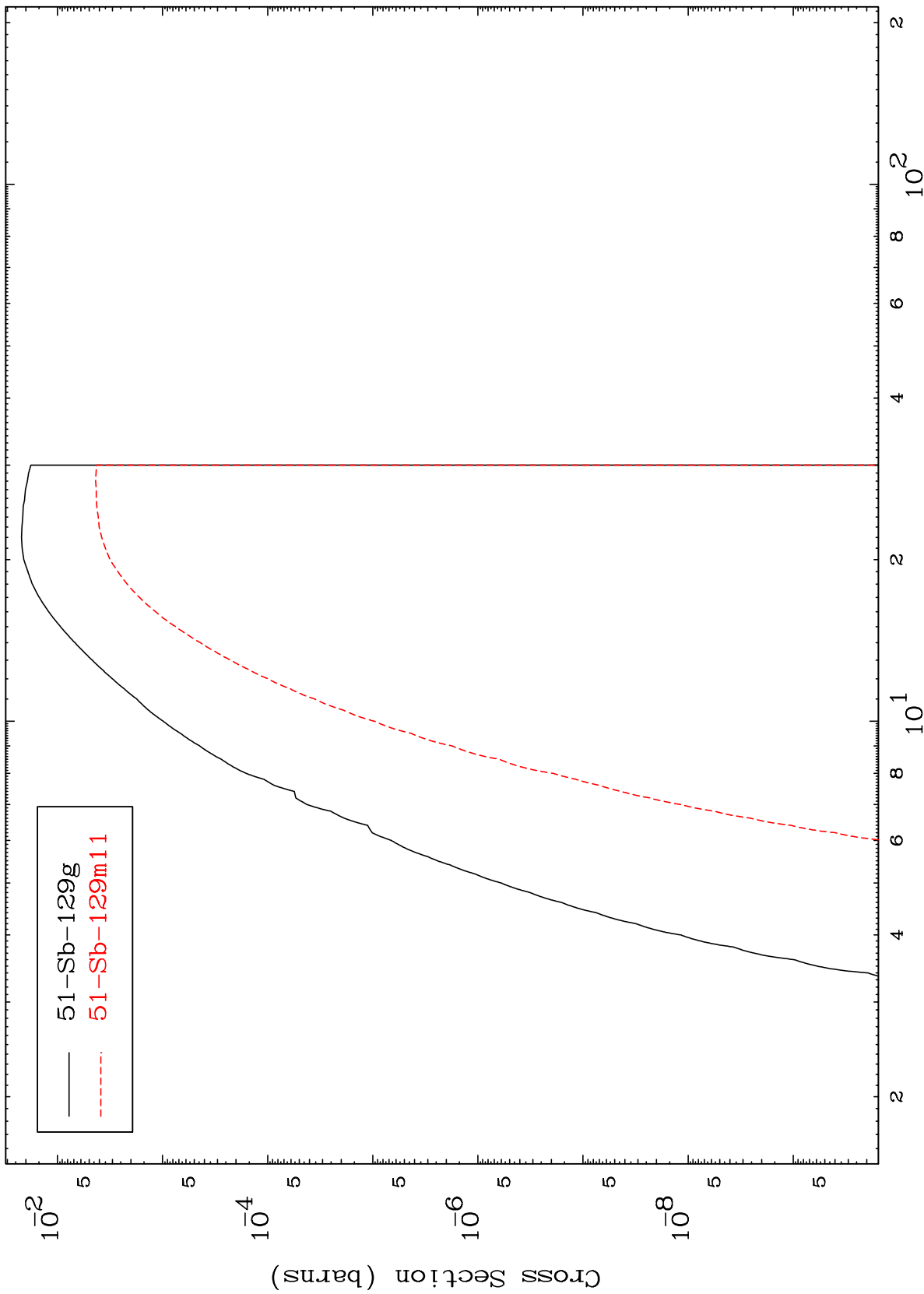
Incident Energy (MeV)

52-Te-129

MAT 5252

52-Te-129

(n,p)  
Radionuclide Production Cross Section



132

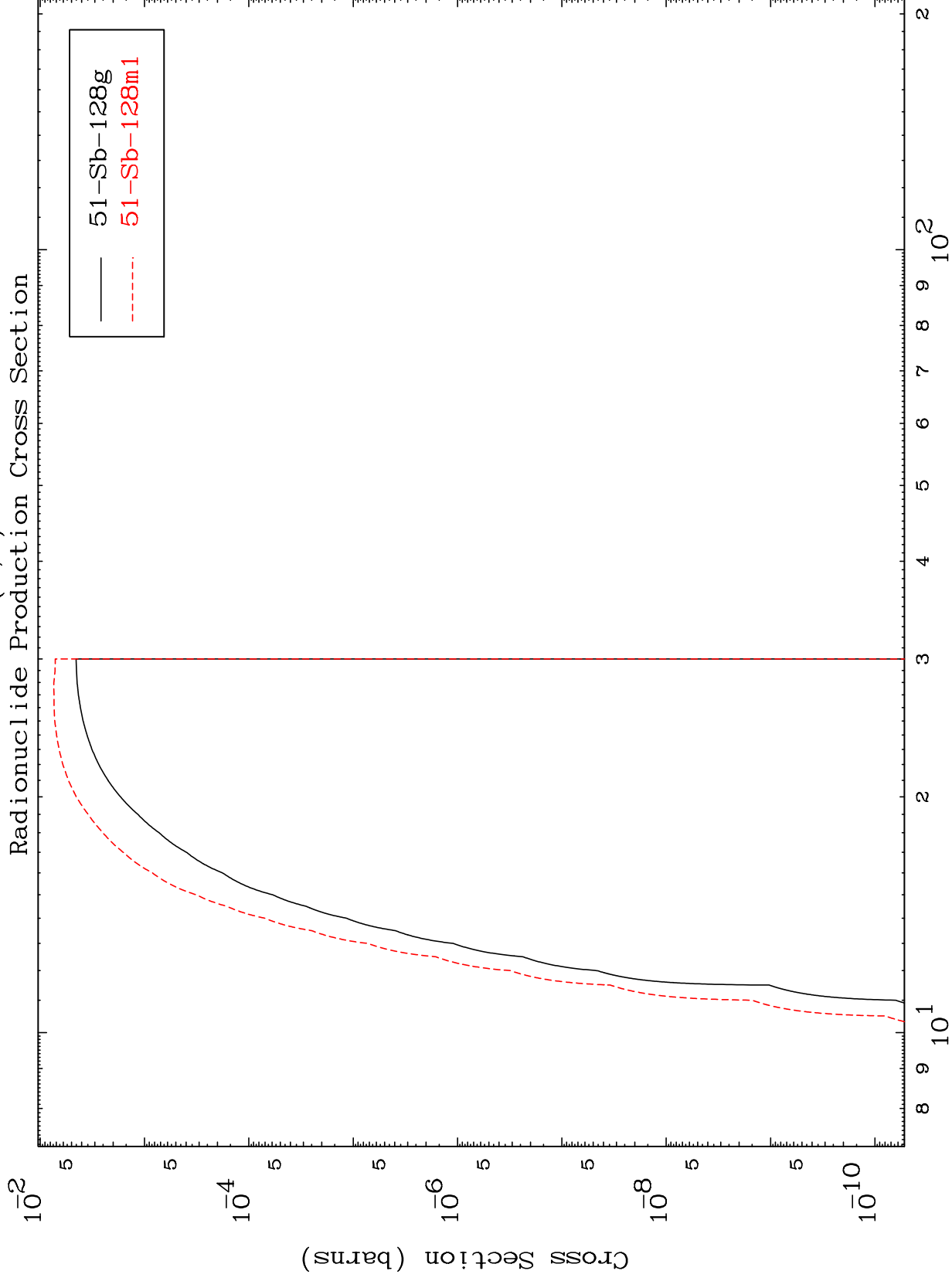
52-Te-129

Incident Energy (MeV)

MAT 5252

(n,d)

52-Te-129



133

Incident Energy (MeV)

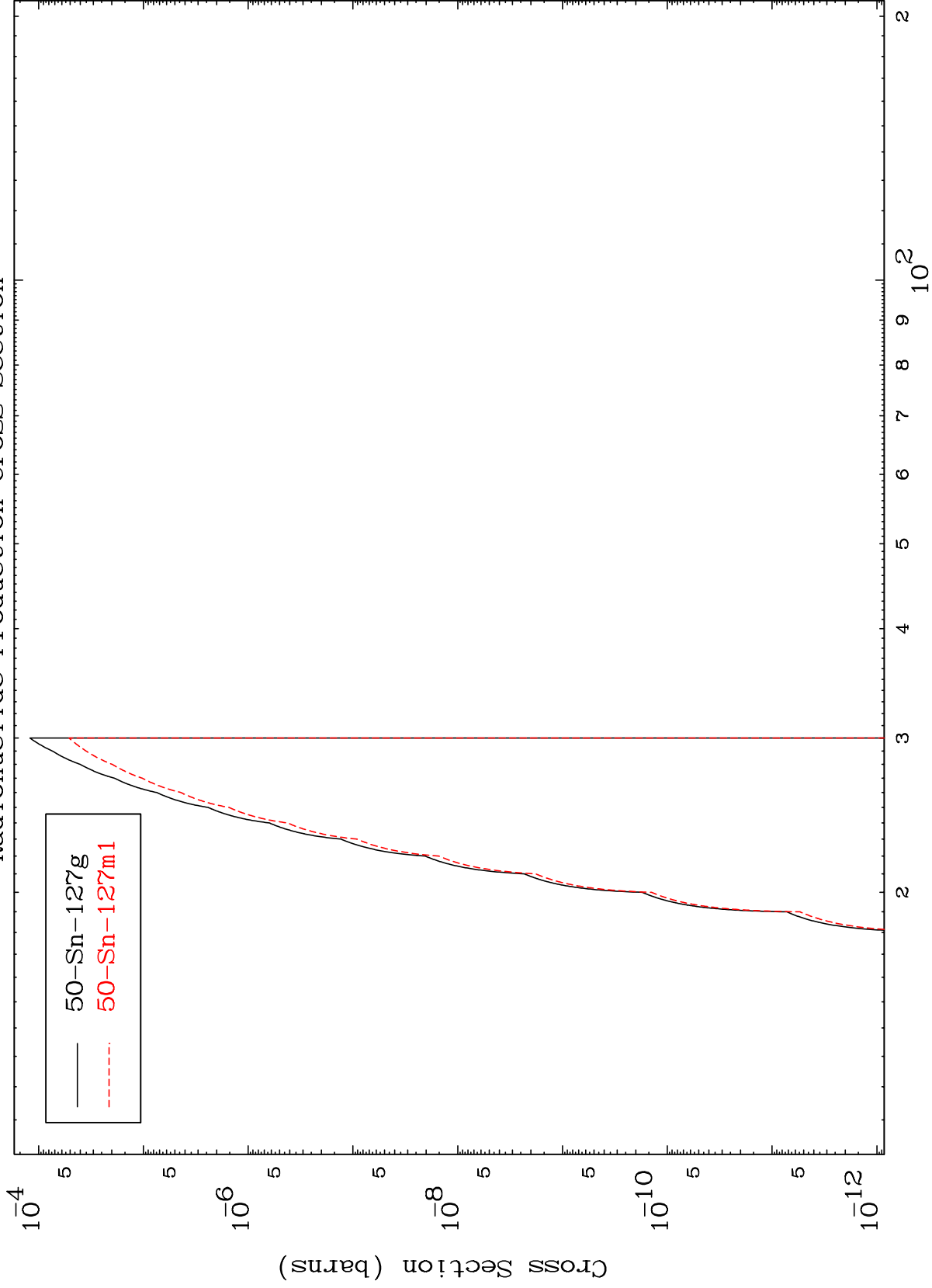
52-Te-129

MAT 5252

(n,He-3)

52-Te-129

Radionuclide Production Cross Section



134

Incident Energy (MeV)

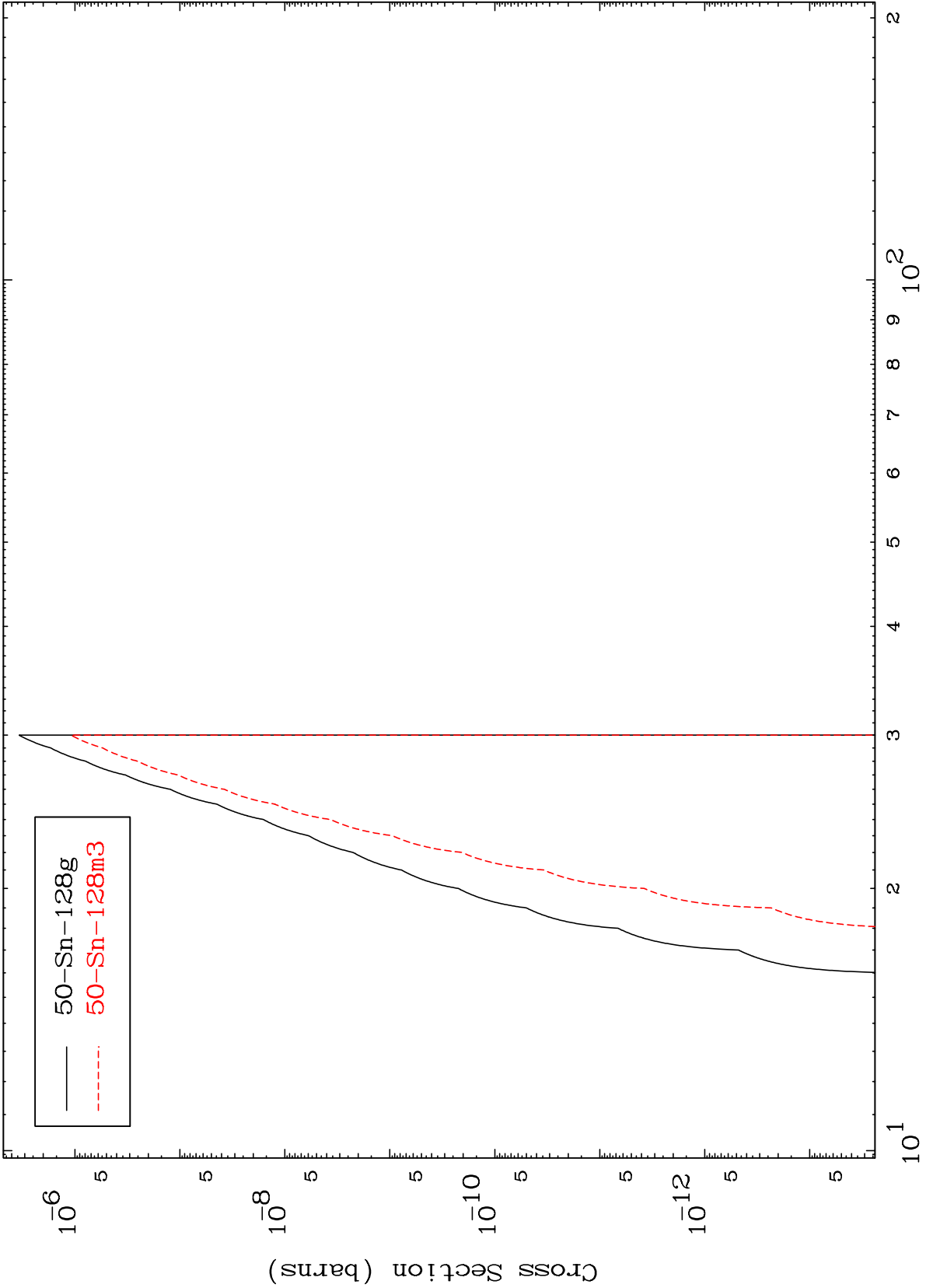
52-Te-129

MAT 5252

(n,2p)

52-Te-129

Radionuclide Production Cross Section



50-Sn-128g  
50-Sn-128m3

Incident Energy (MeV)

52-Te-129

135

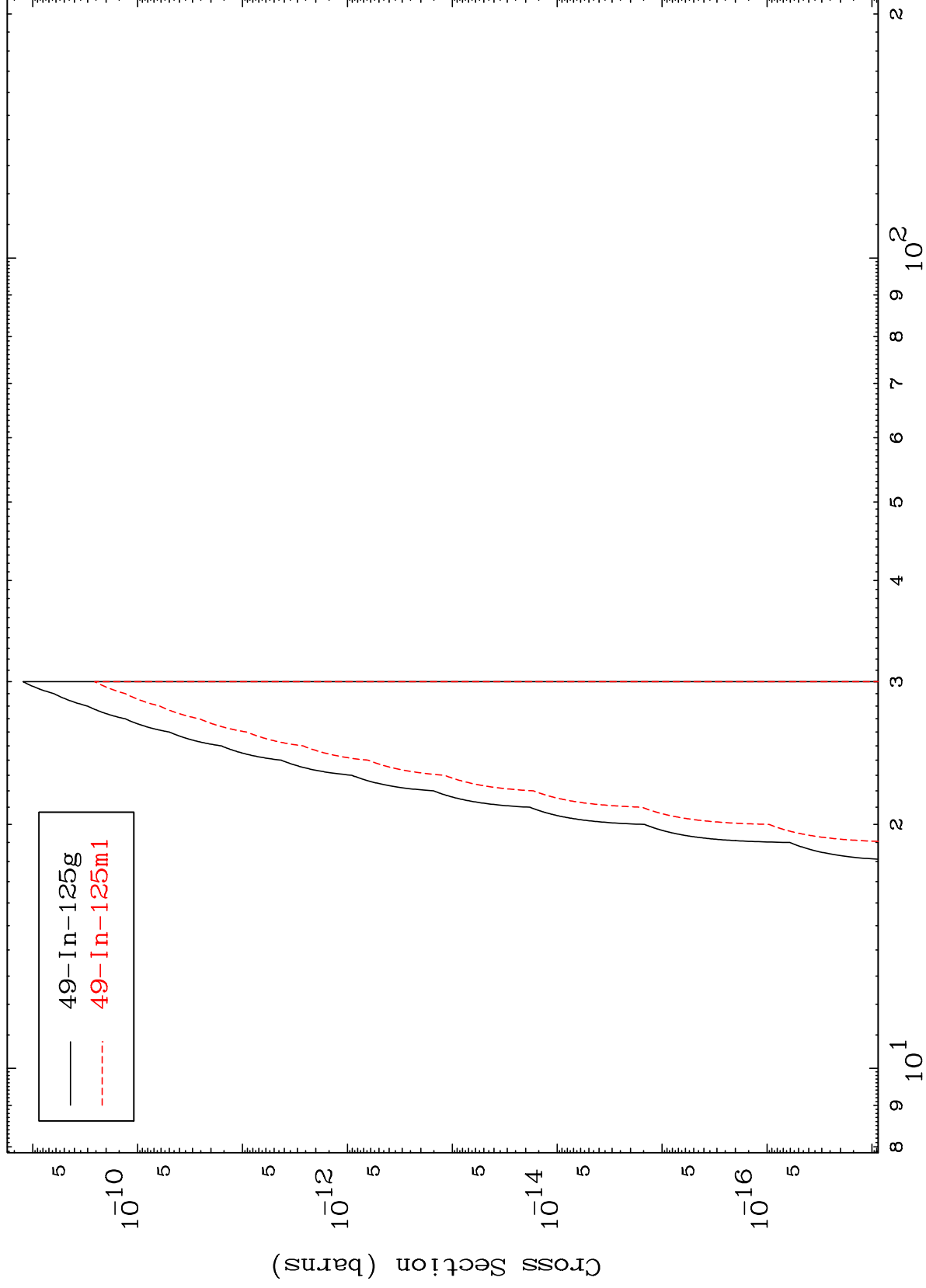


MAT 5252

(n,p)  $\alpha$

52-Te-129

Radionuclide Production Cross Section



136

Incident Energy (MeV)

52-Te-129

Radionuclide Production Cross Section

