

Program EVALPLOT  
(Version 2015-2)

by

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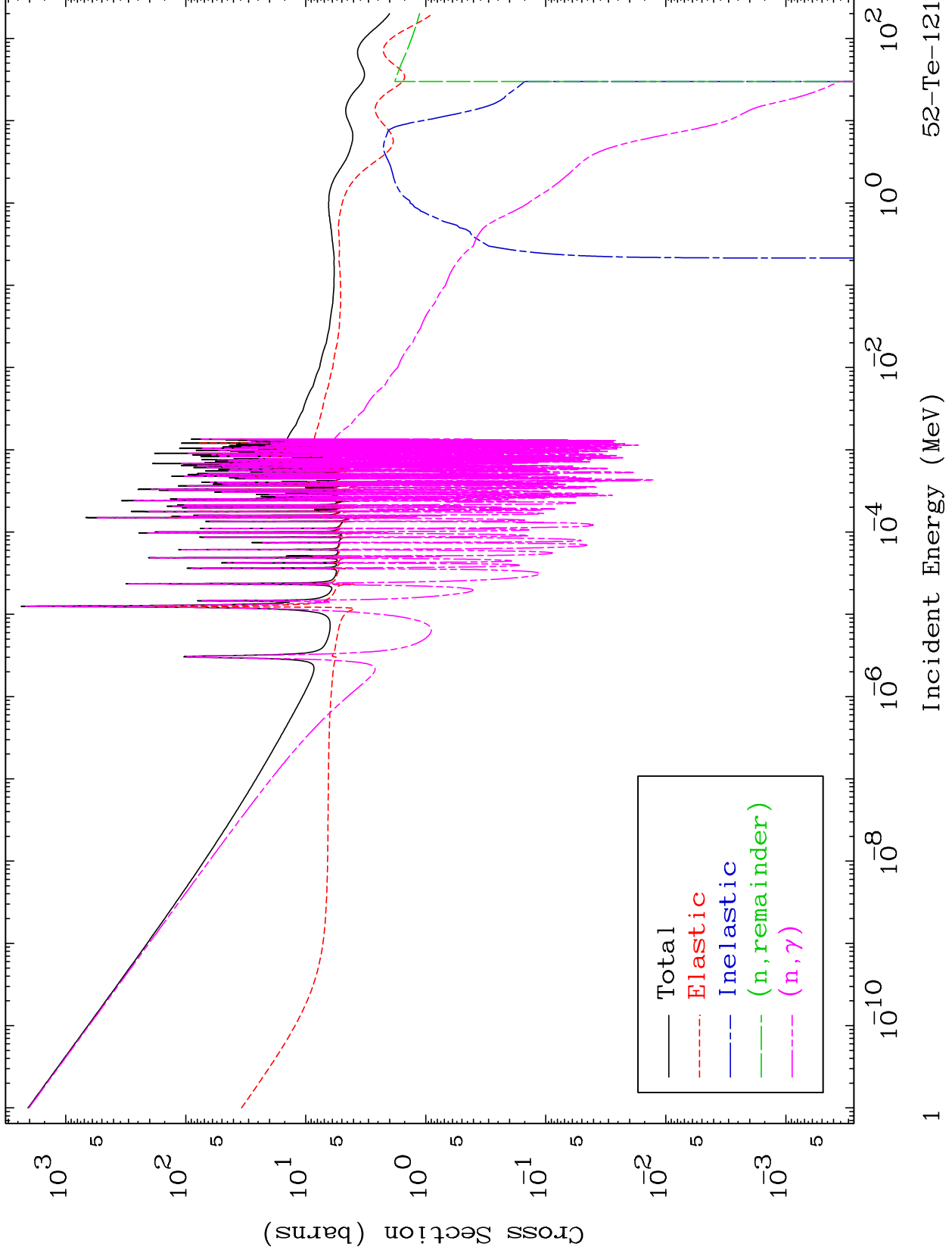
Press Mouse Button to Start

MAT 5228

Major

293 Kelvin Cross Sections

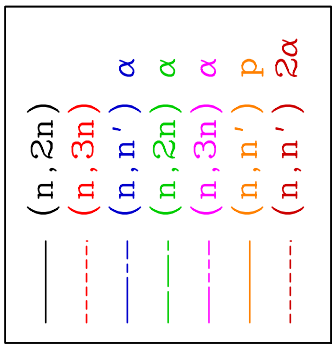
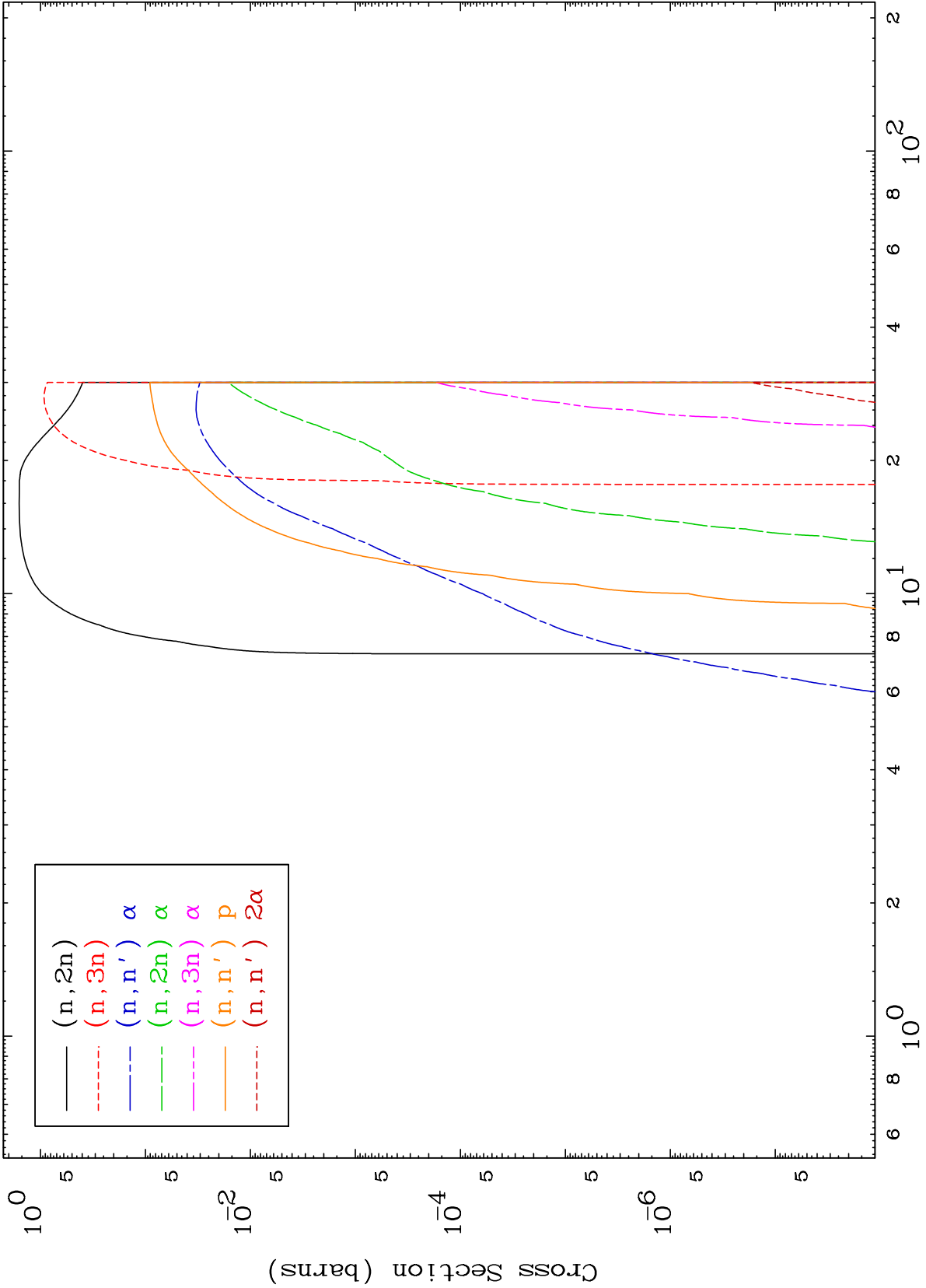
52-Te-121



MAT 5228

Neutron Production  
293 Kelvin Cross Sections

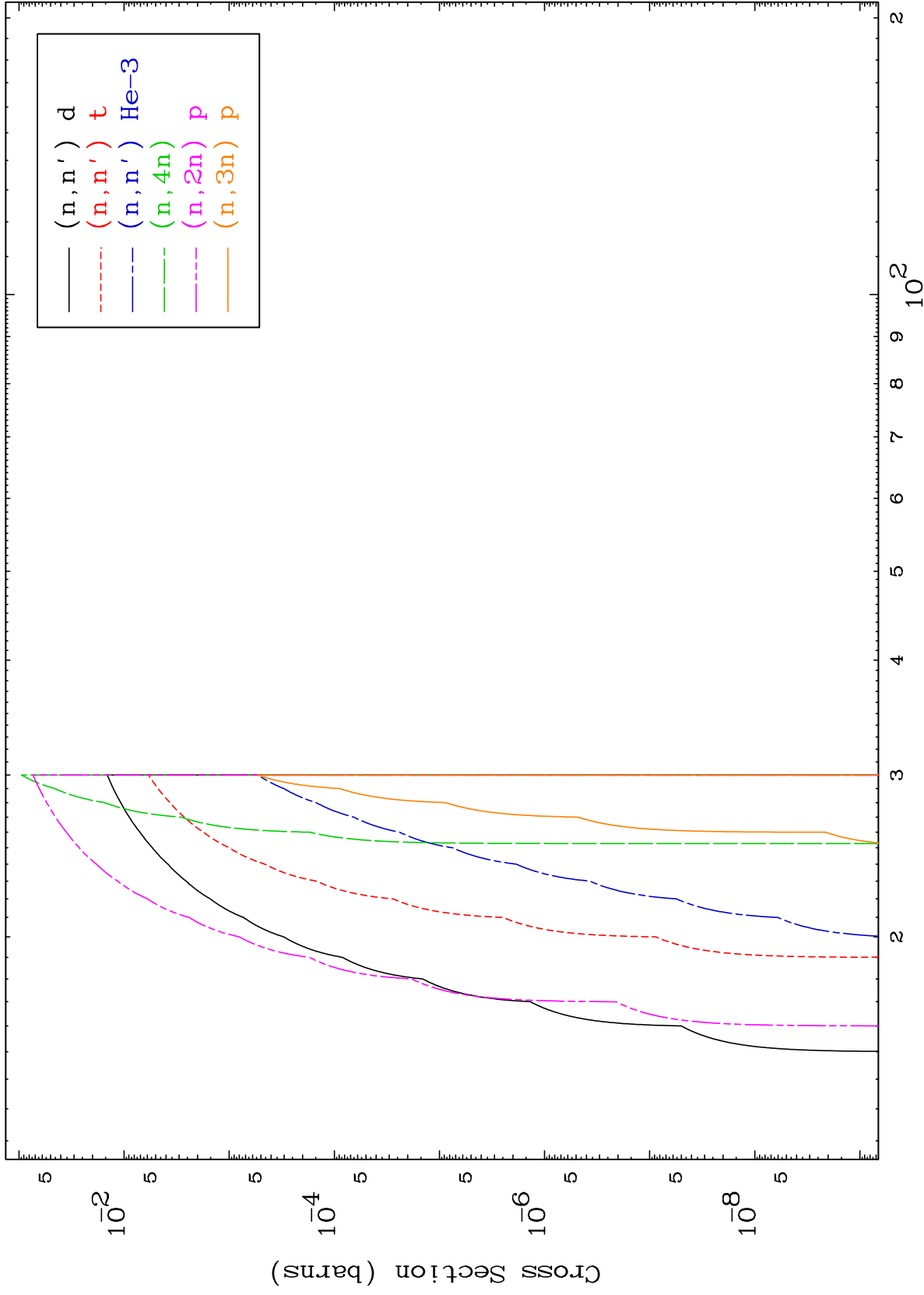
52-Te-121



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Incident Energy (MeV)

52-Te-121

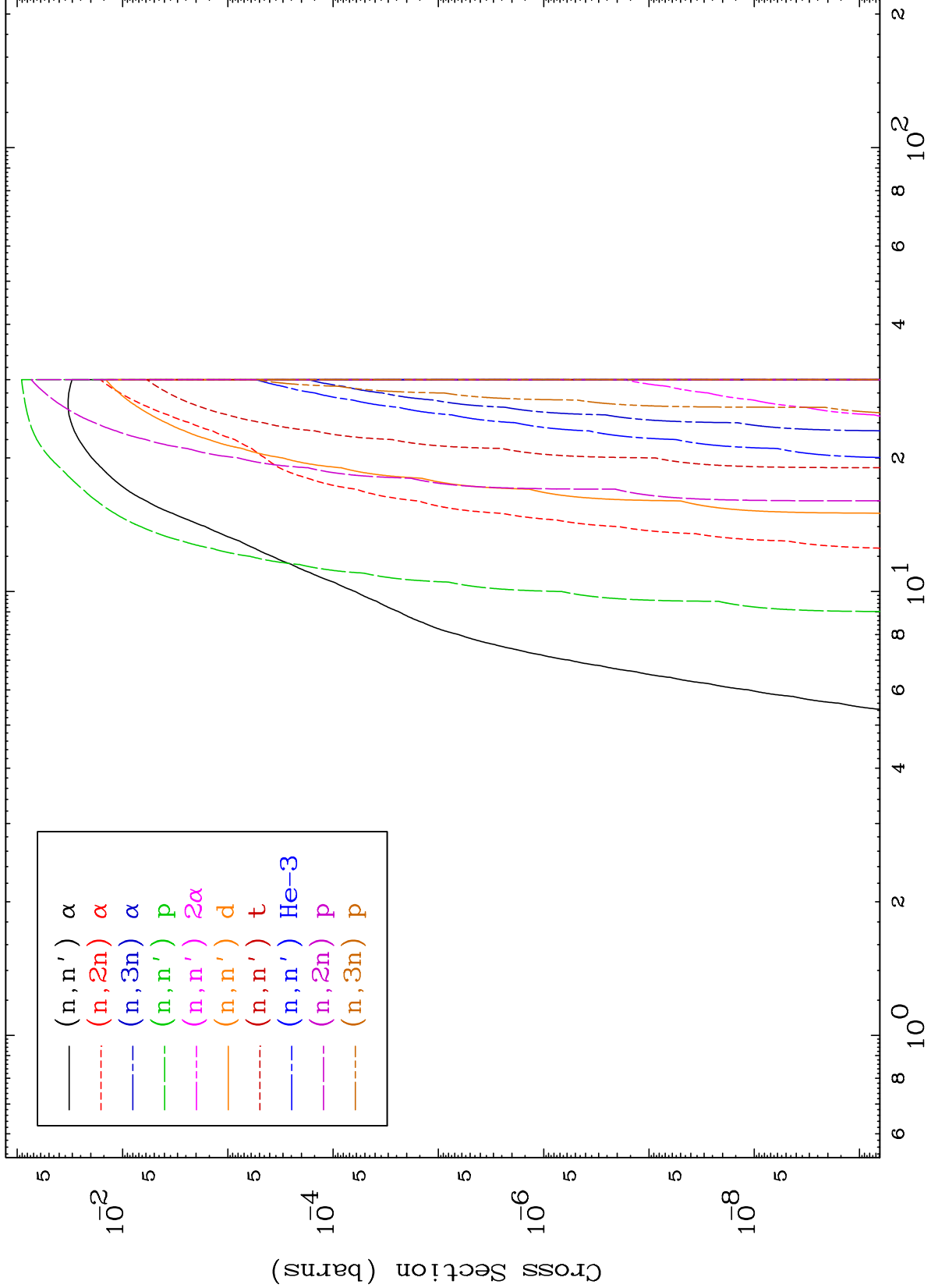


MAT 5228

Charged Particle

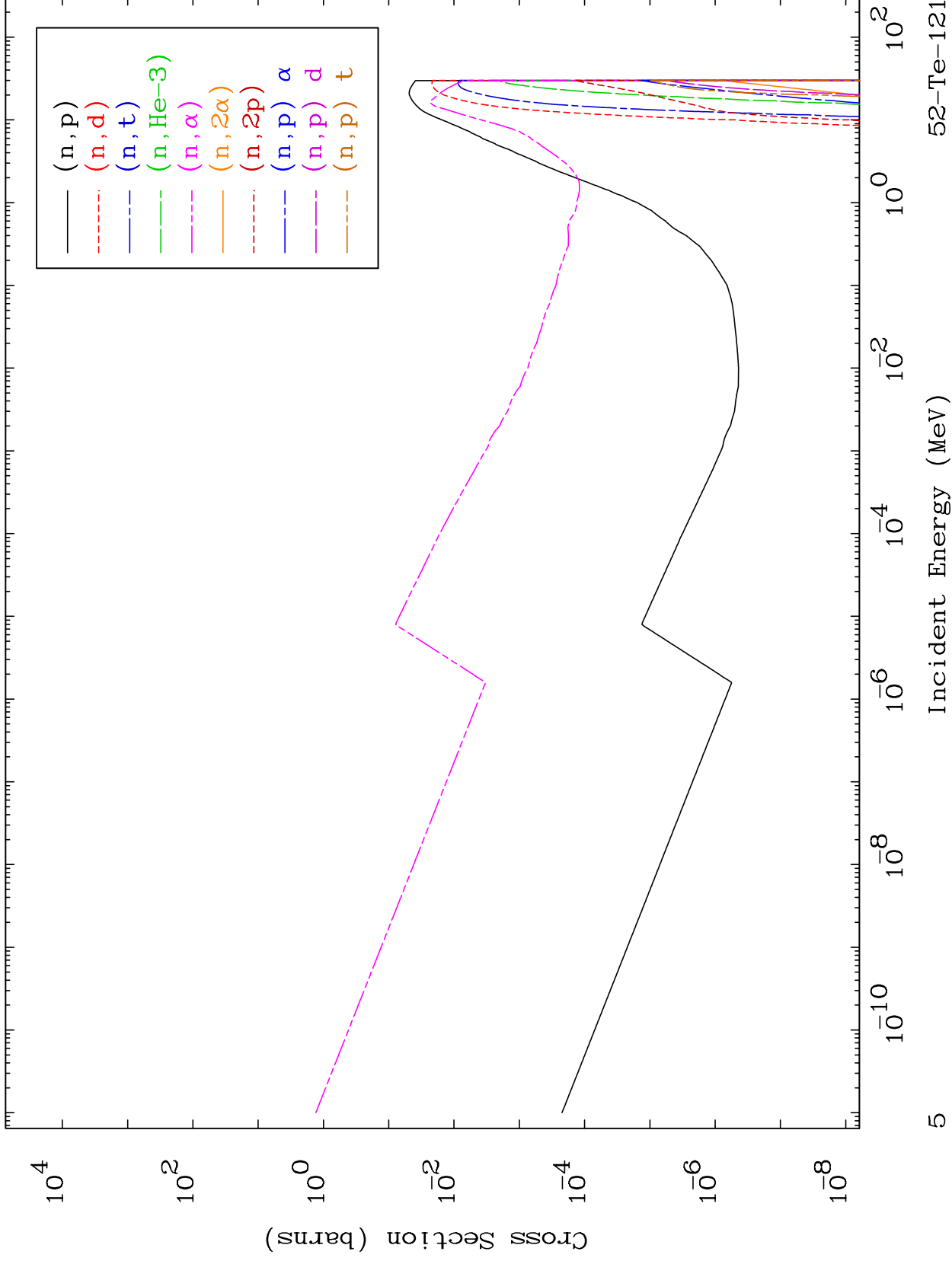
52-Te-121

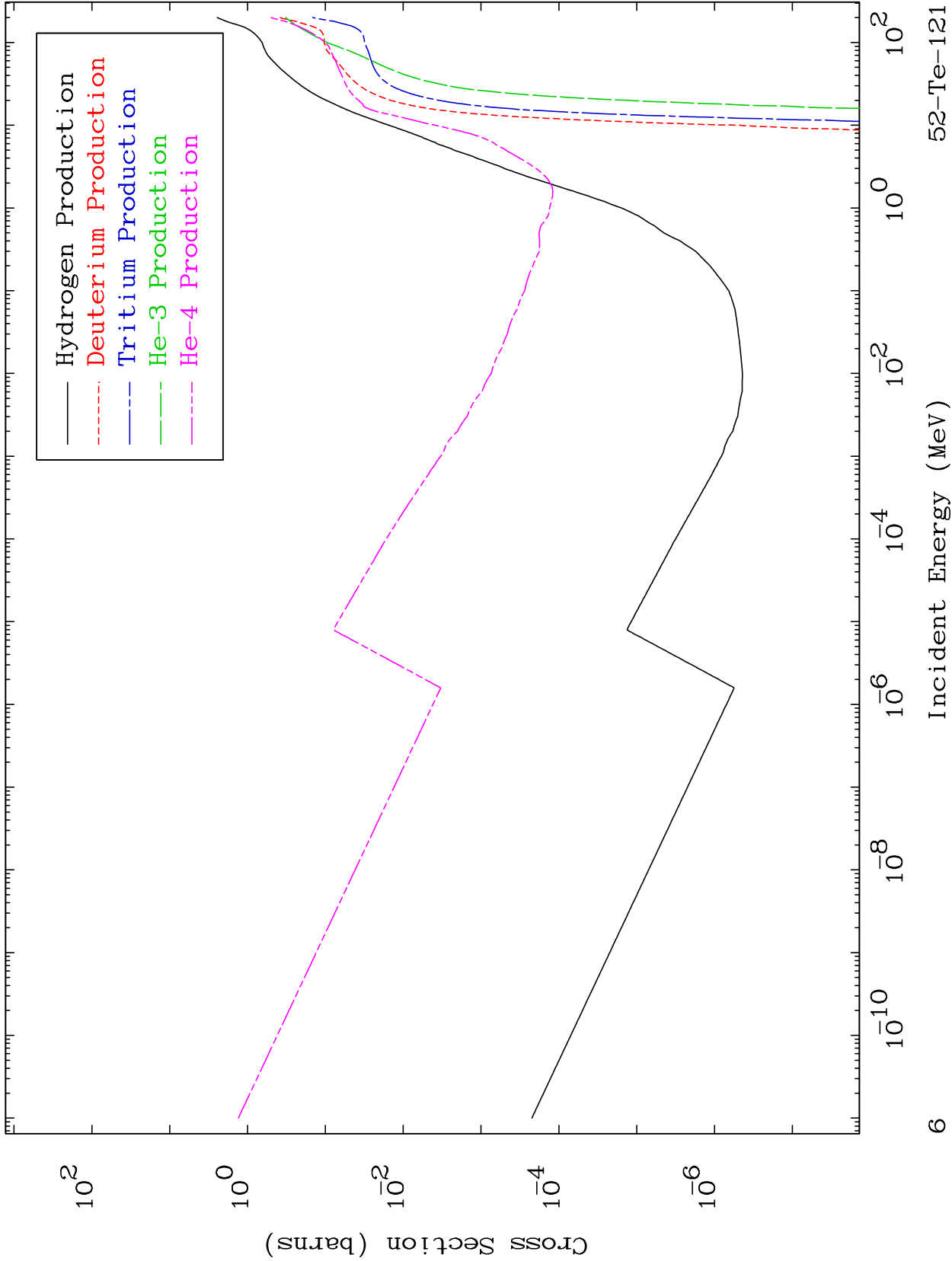
293 Kelvin Cross Sections

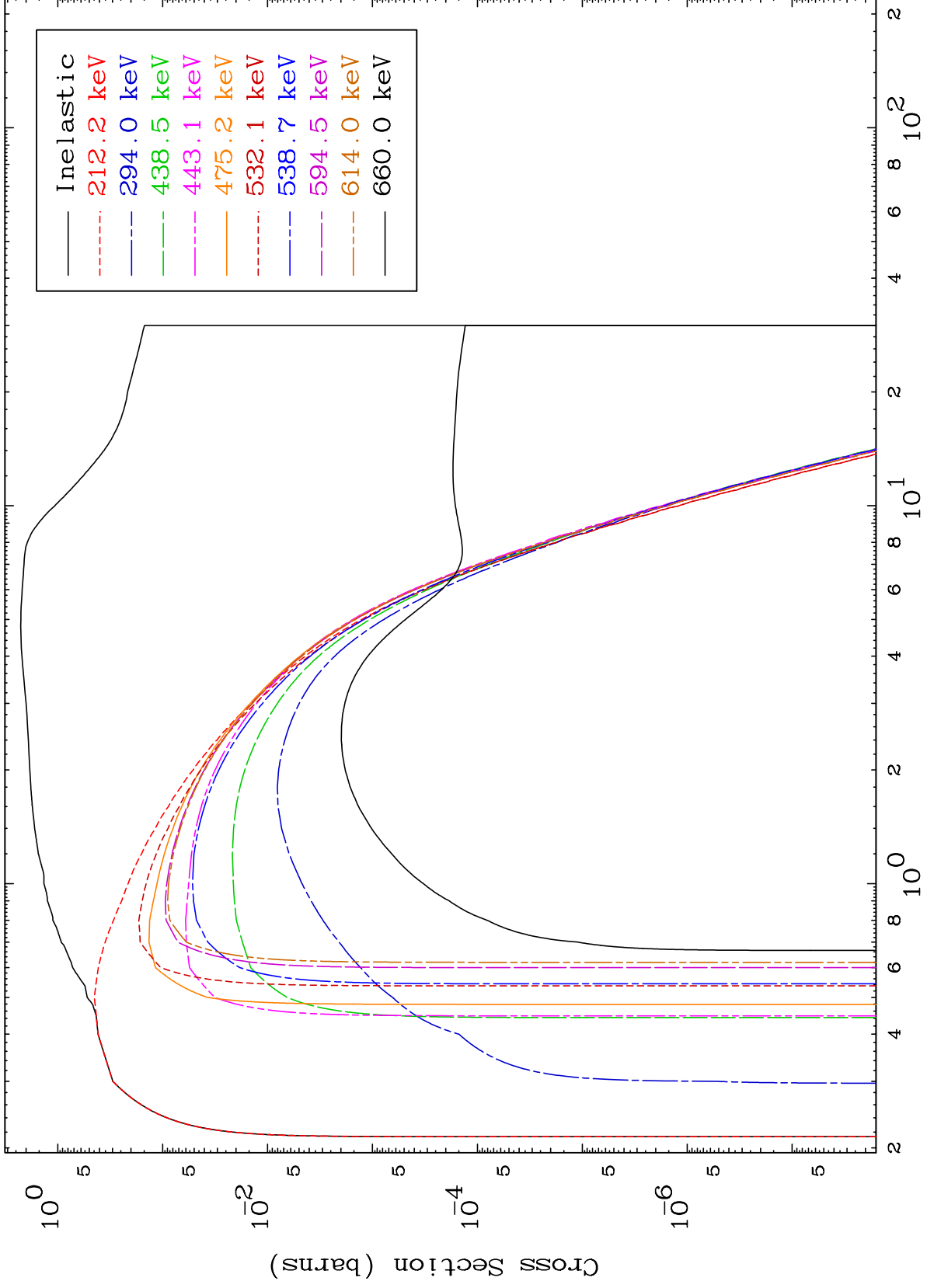


Incident Energy (MeV)

52-Te-121





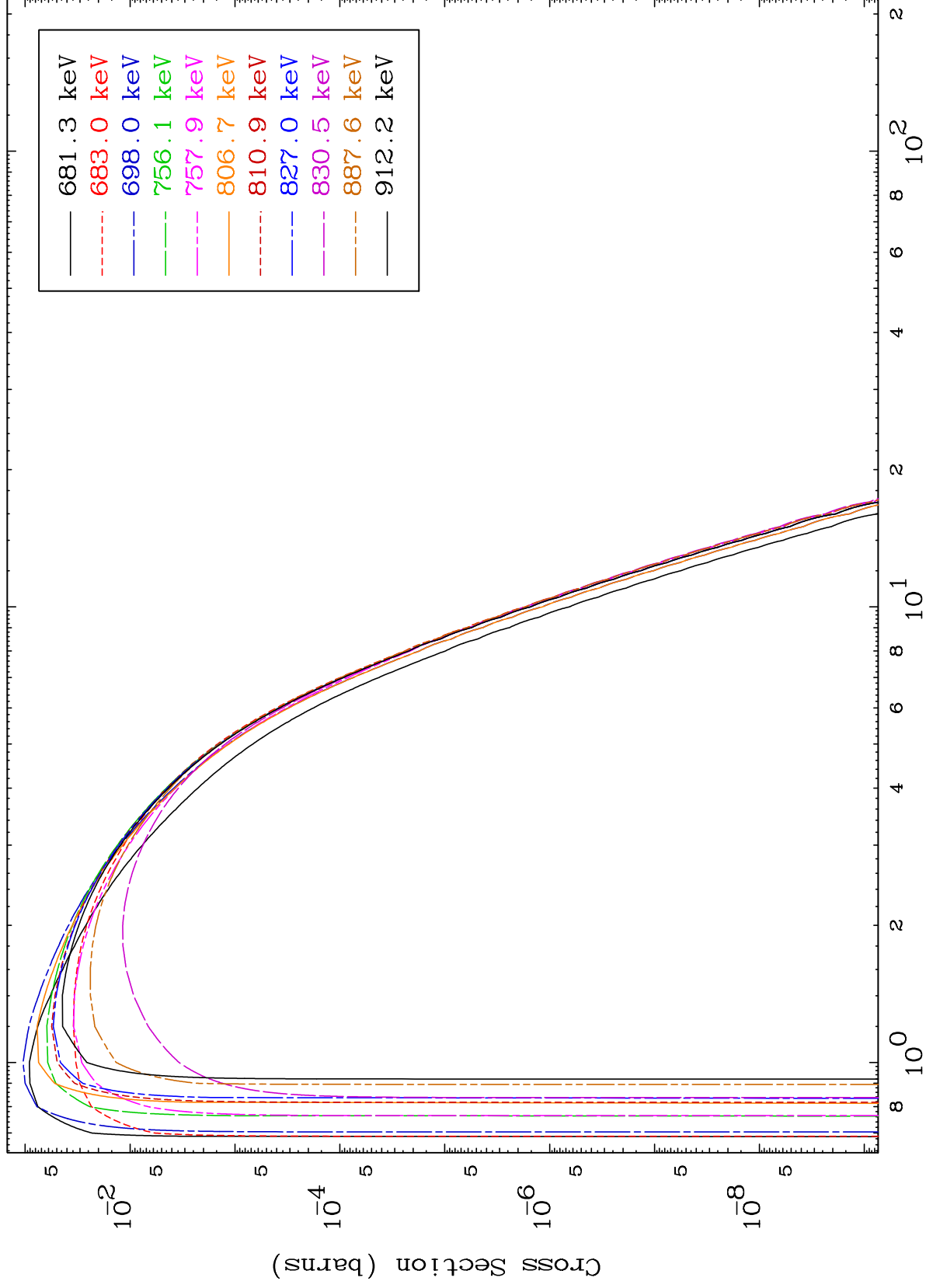




MAT 5228

(n,n') Level  
293 Kelvin Cross Sections

52-Te-121



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Incident Energy (MeV)

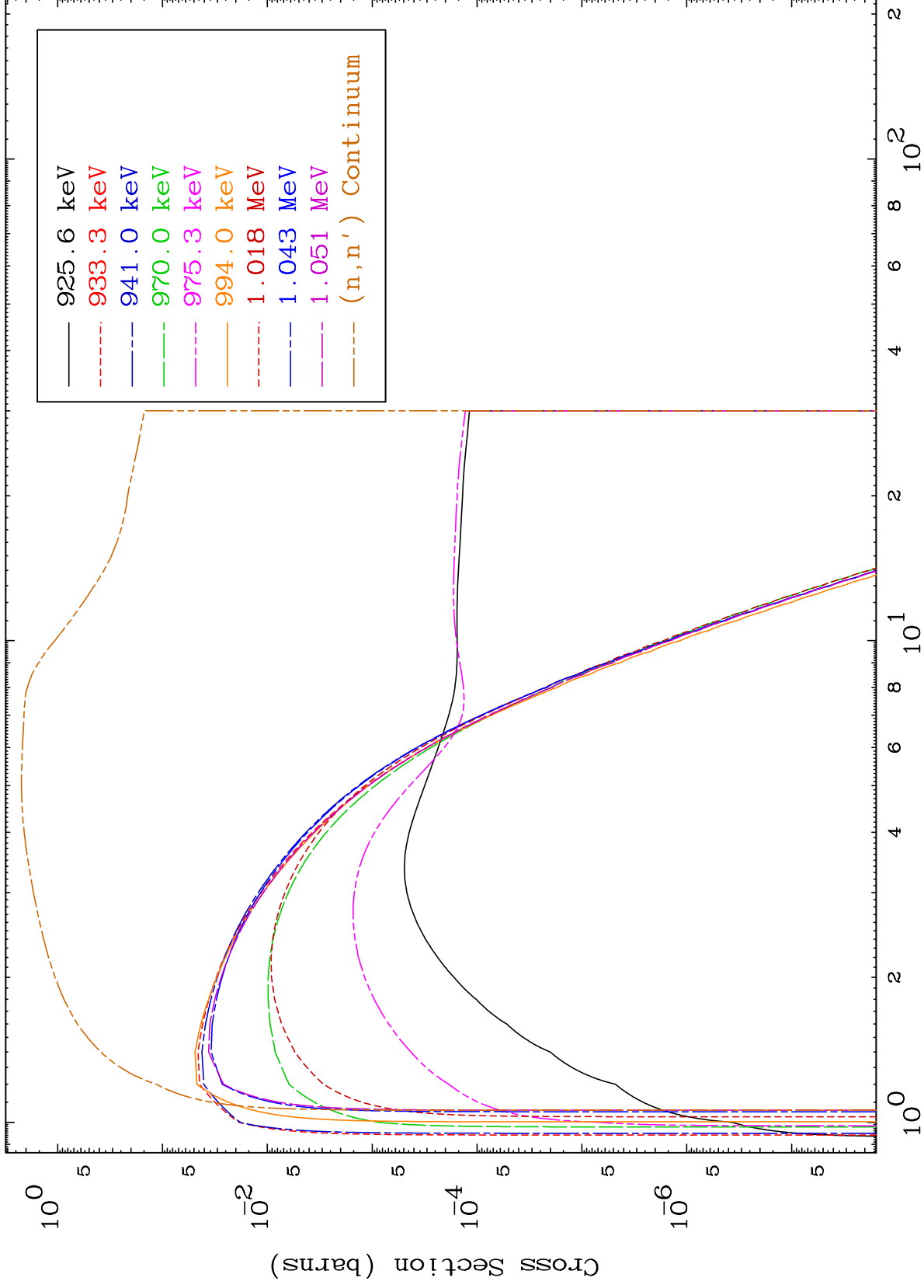
52-Te-121

MAT 5228

(n,n') Level

52-Te-121

293 Kelvin Cross Sections



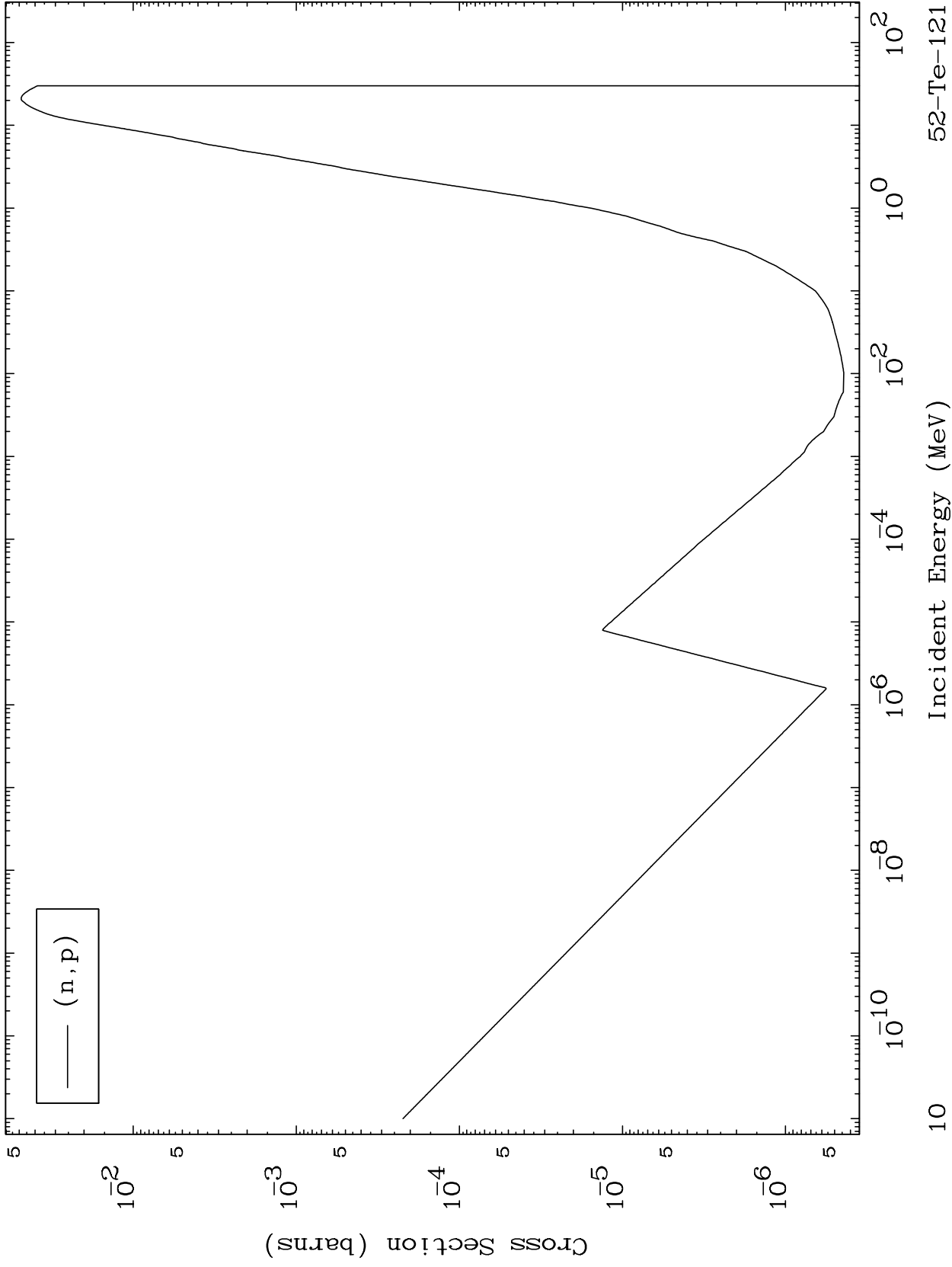
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-121



10

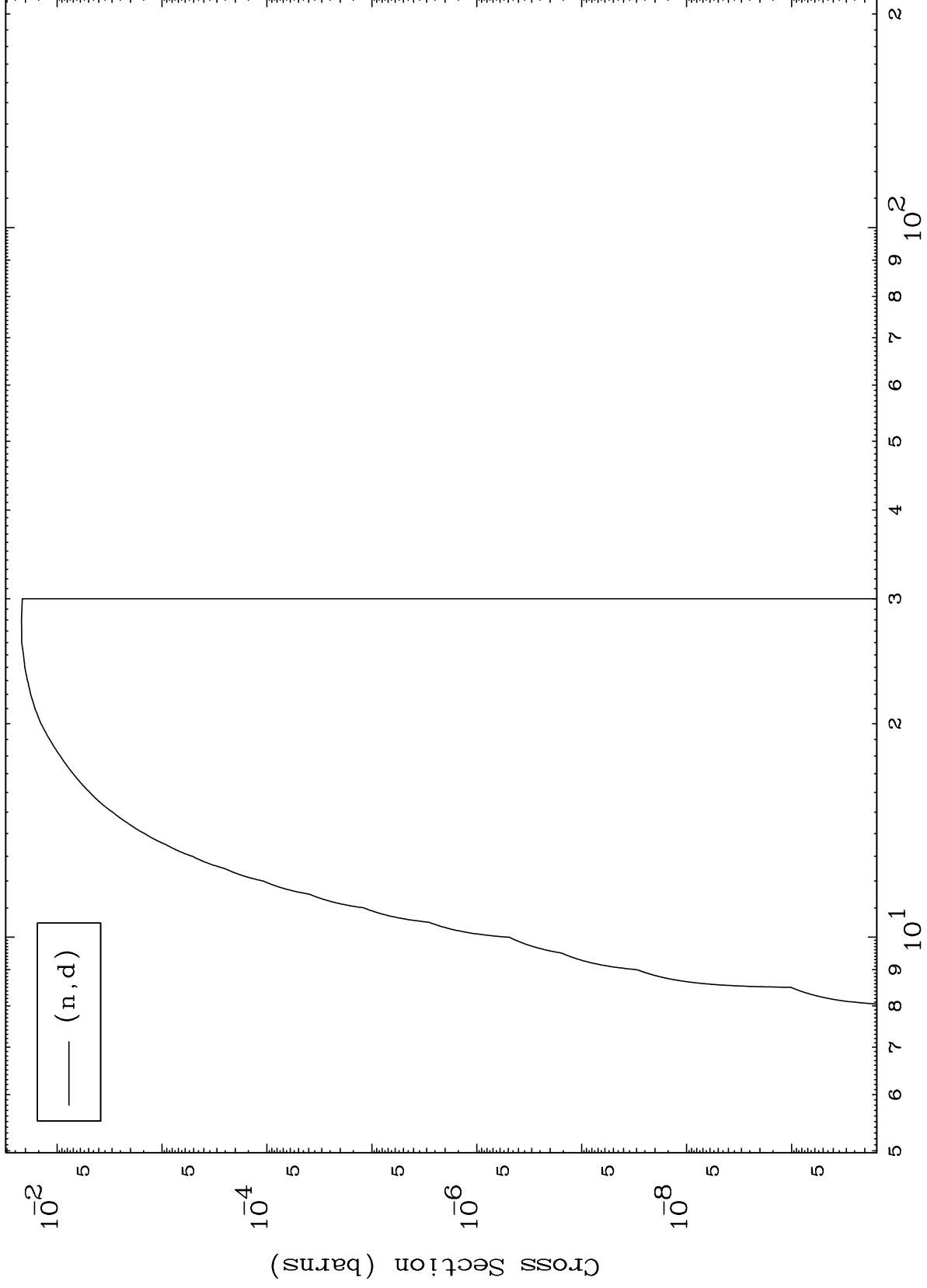
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-121



11

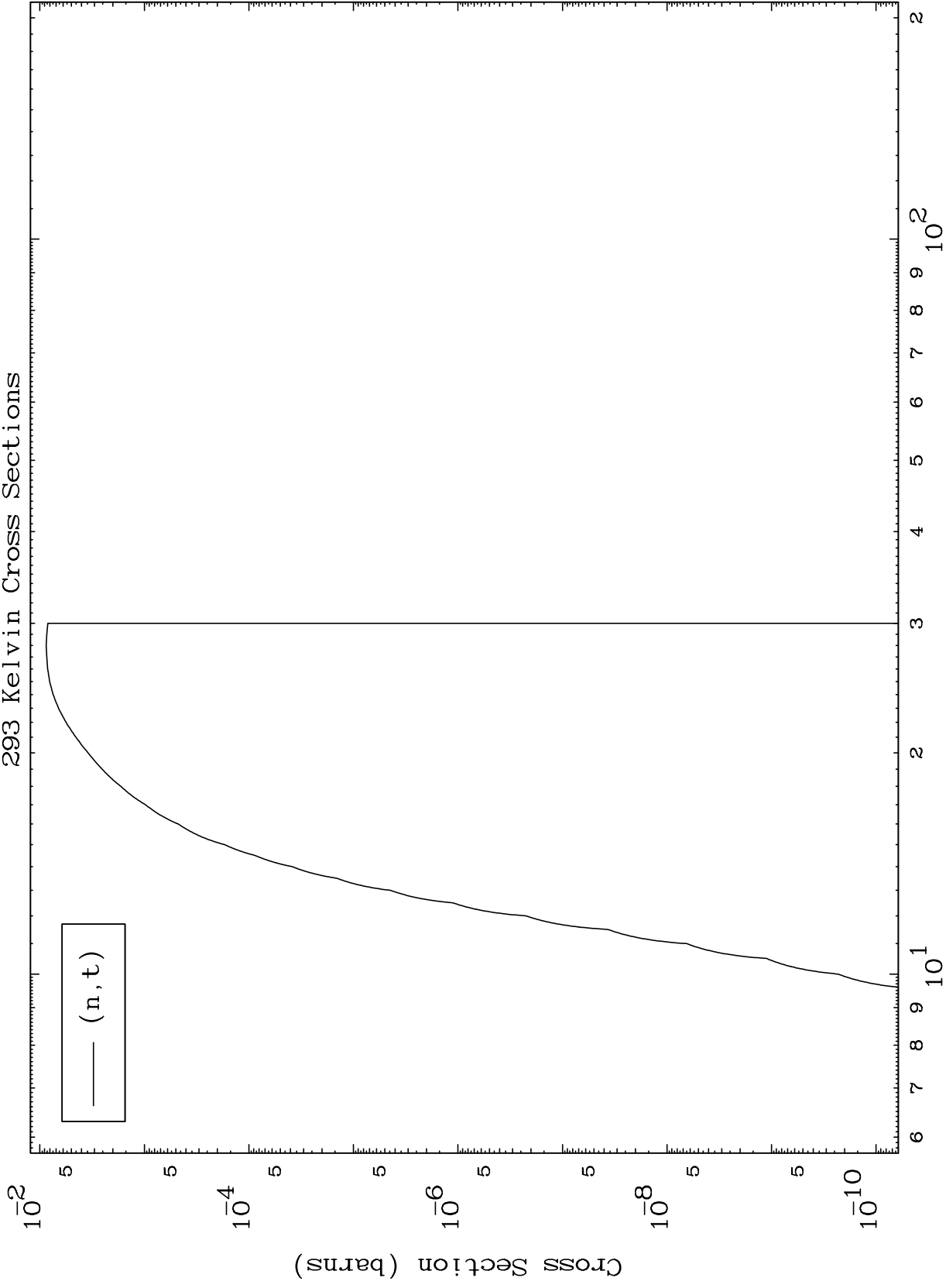
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-121



12

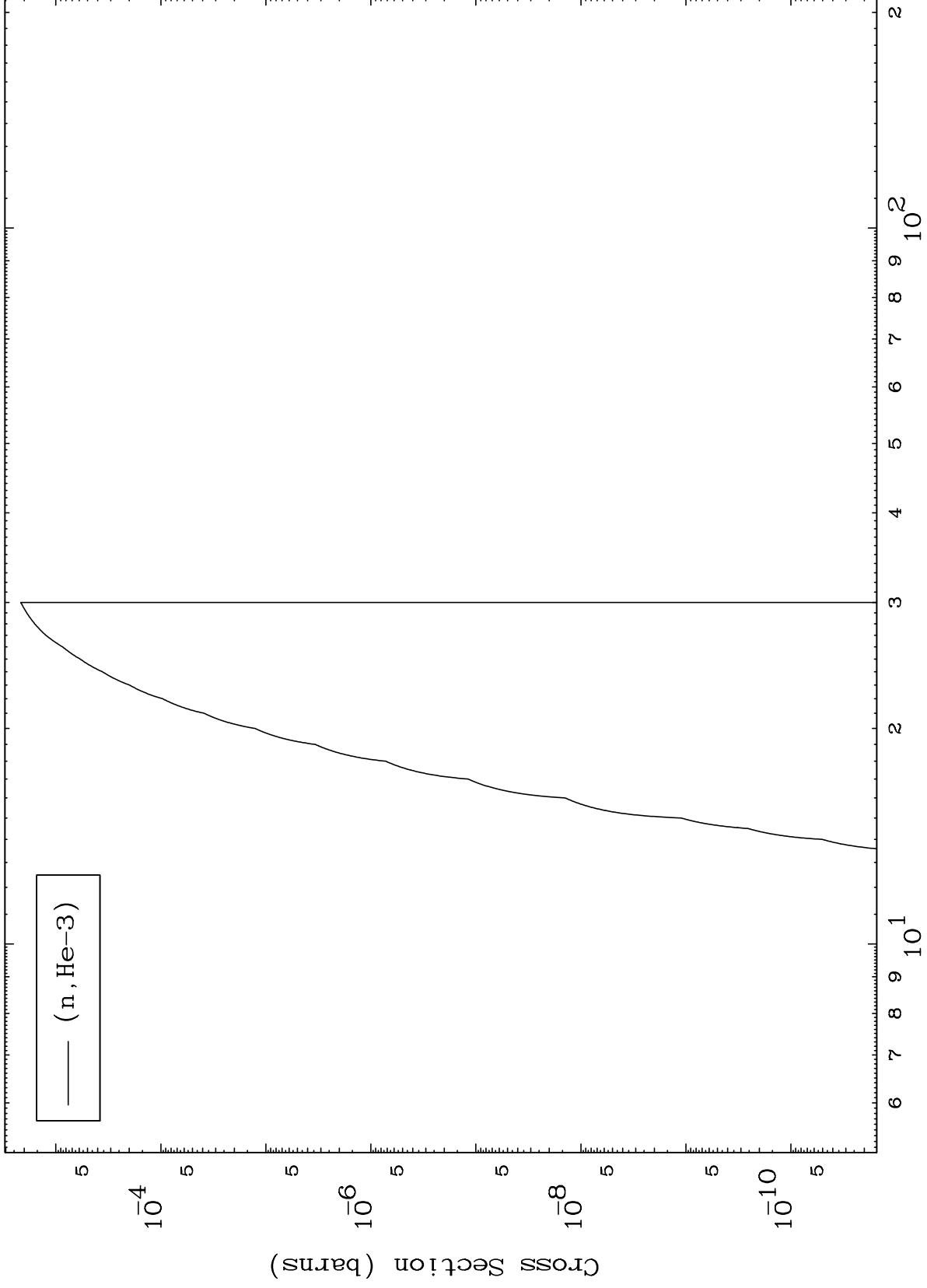
Incident Energy (MeV)

52-Te-121

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(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-121



13

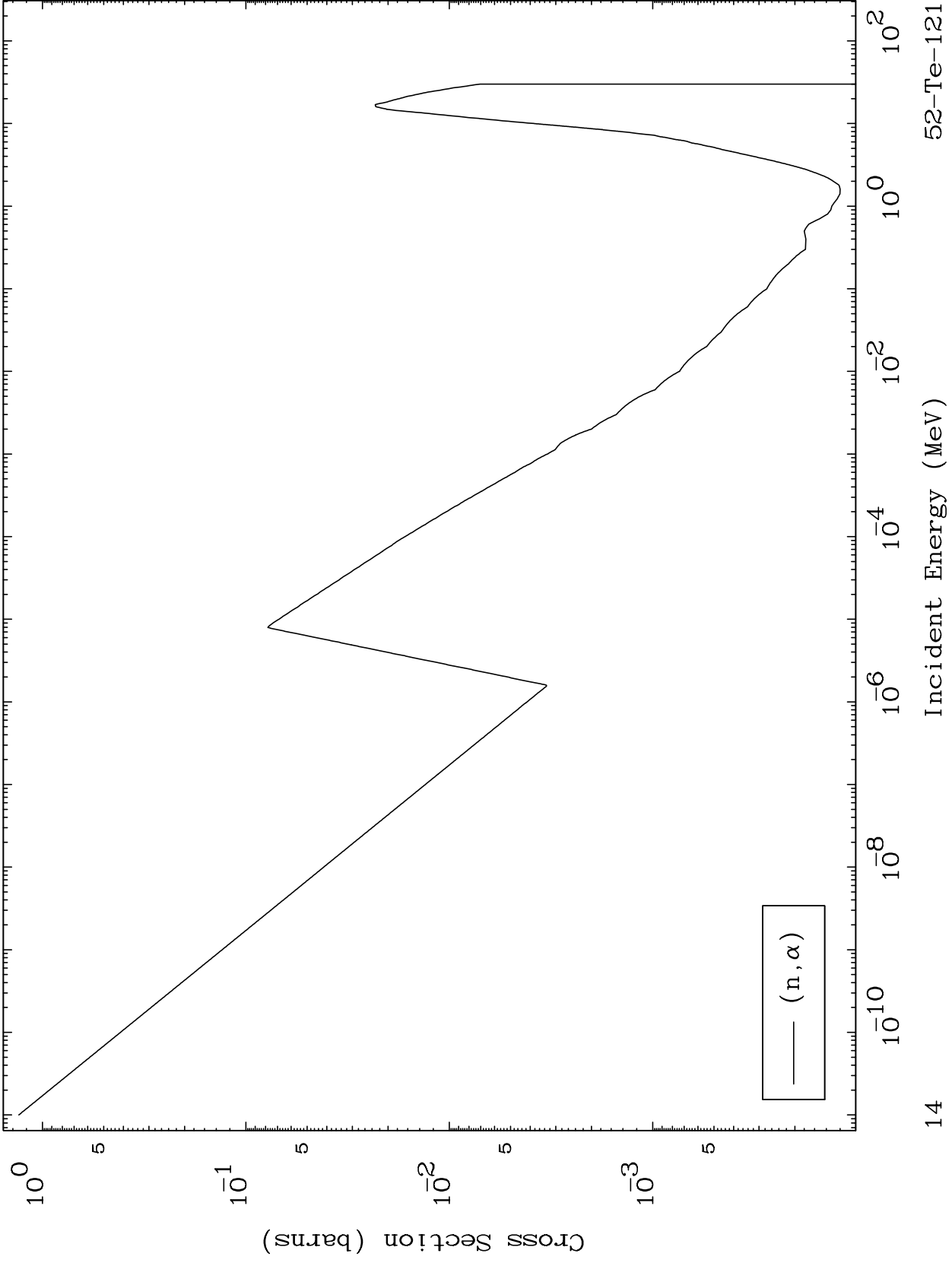
Incident Energy (MeV)

52-Te-121

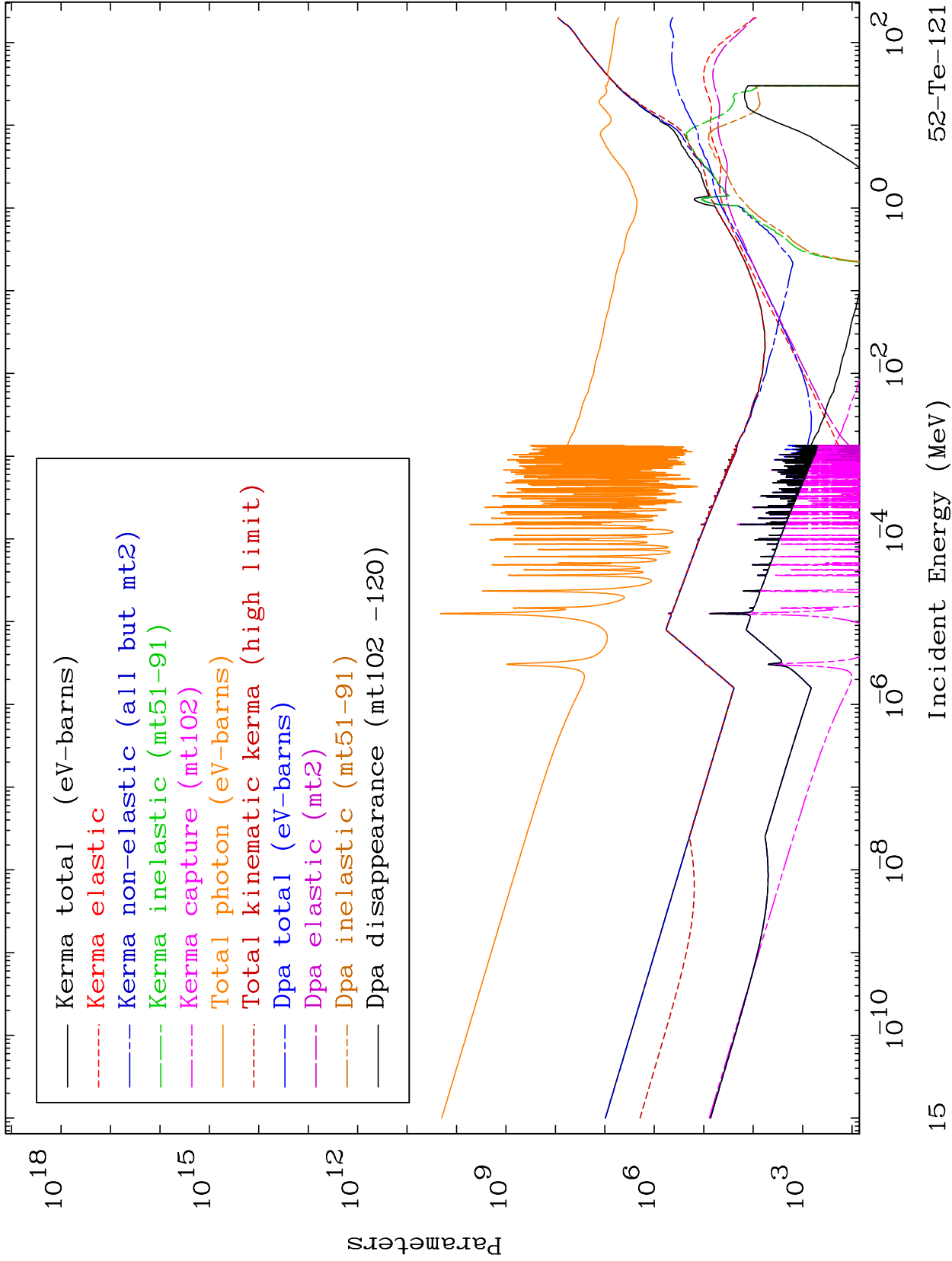
MAT 5228

(n,α) Levels  
293 Kelvin Cross Sections

52-Te-121



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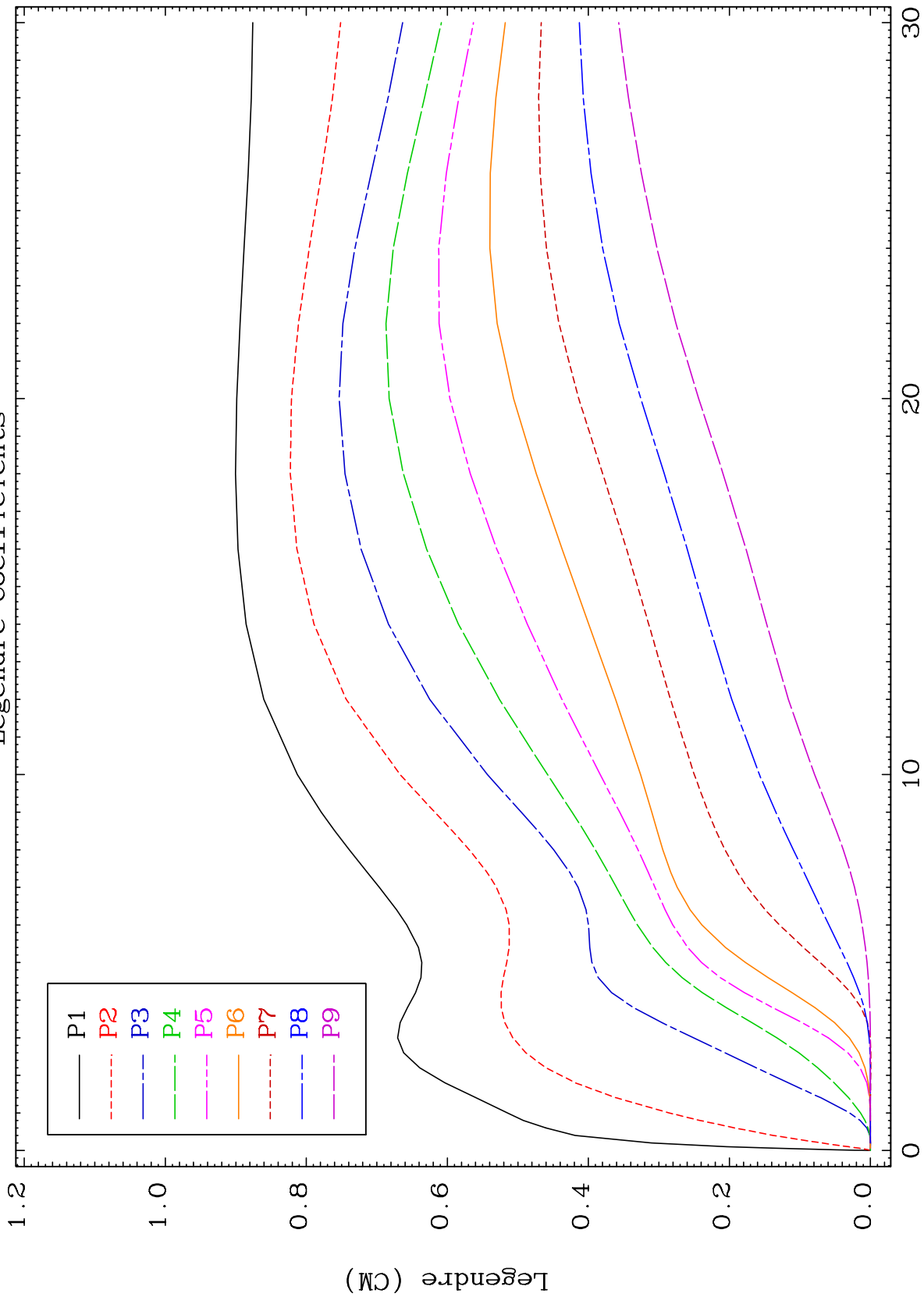




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Elastic Legendre Coefficients

52-Te-121



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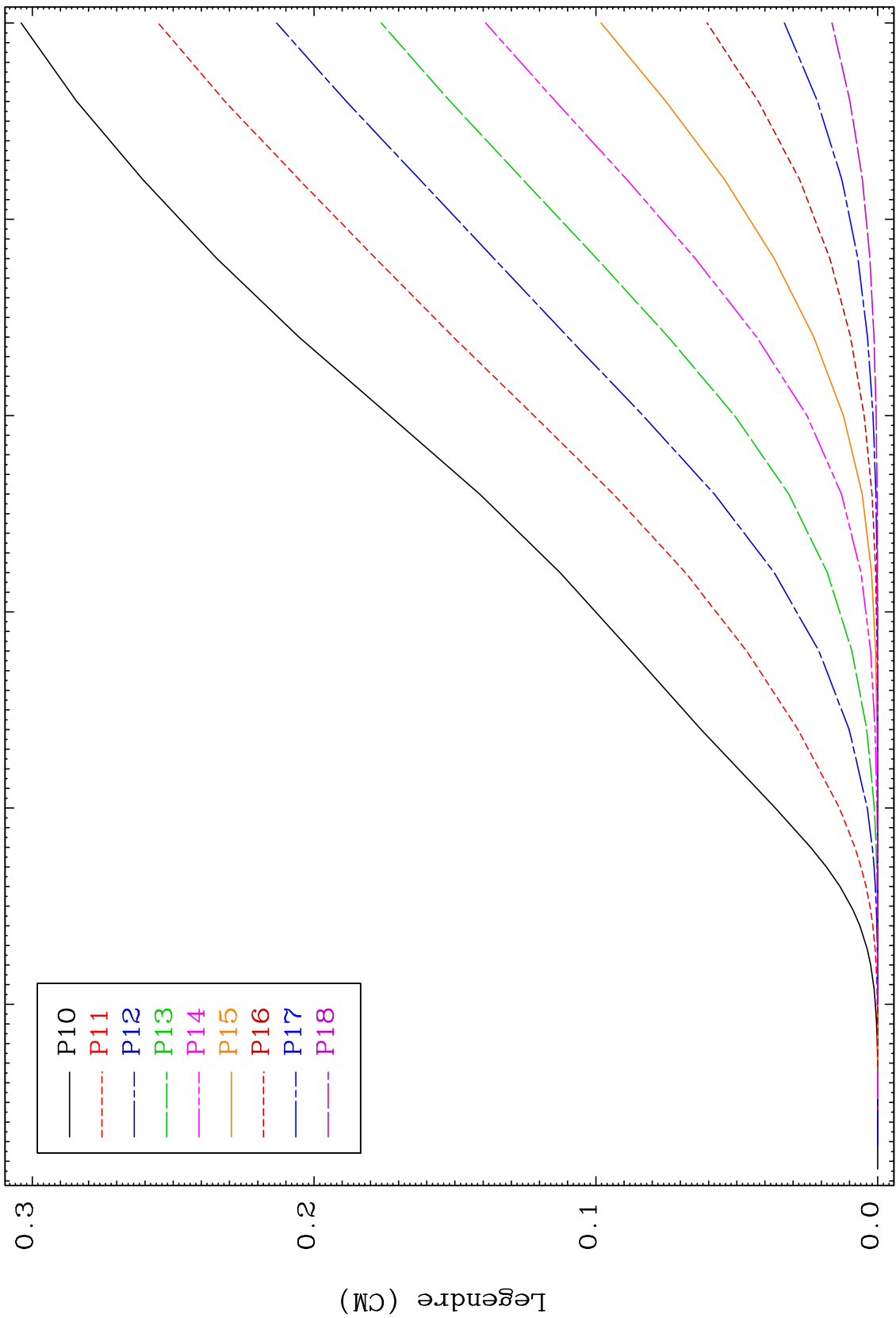
Incident Energy (MeV)

52-Te-121

MAT 5228

Elastic Legendre Coefficients

52-Te-121



17

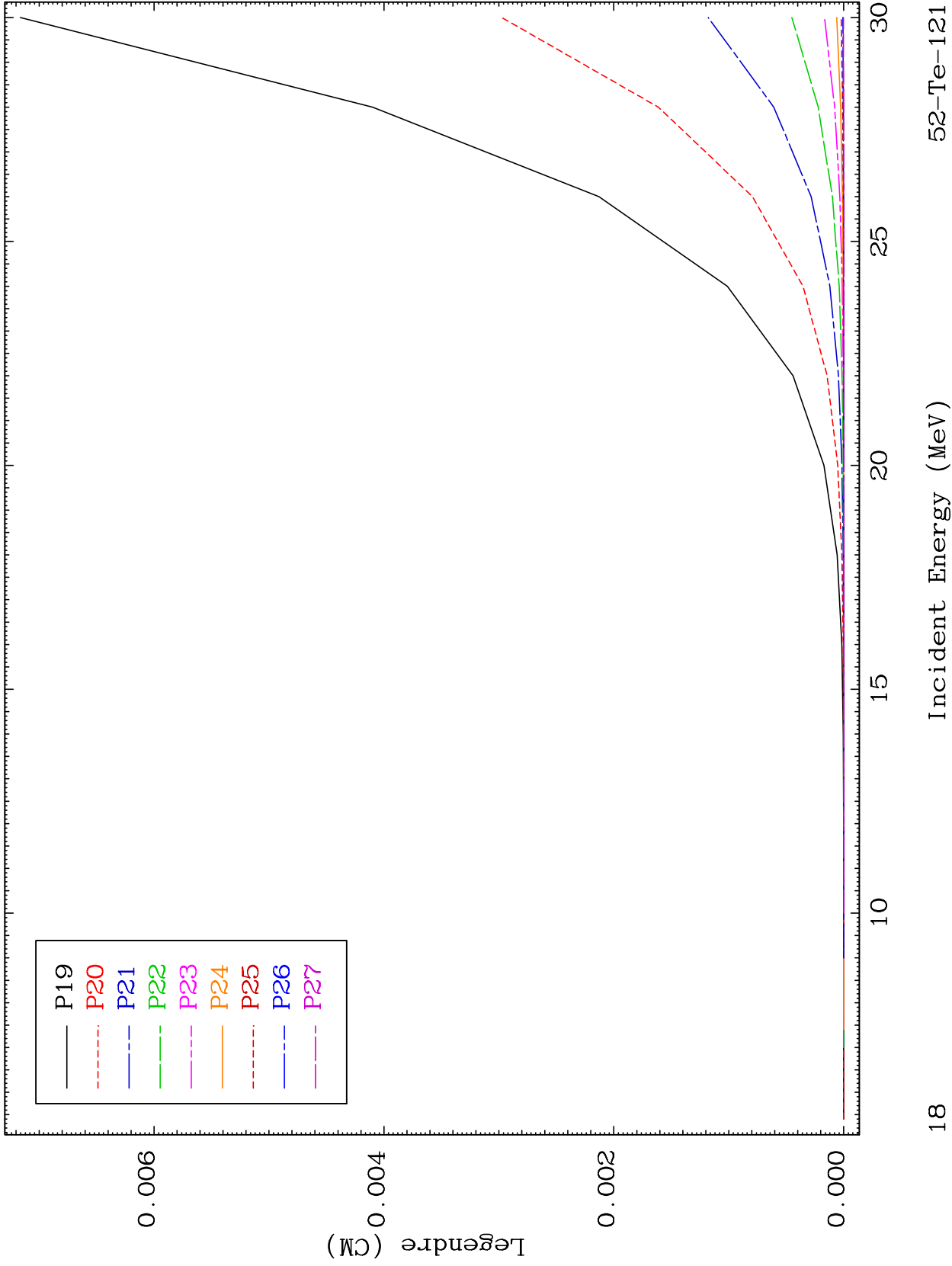
Incident Energy (MeV)

52-Te-121

MAT 5228

Elastic Legendre Coefficients

52-Te-121



18

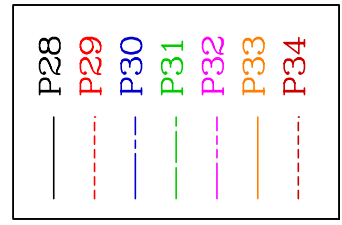
Incident Energy (MeV)

52-Te-121

MAT 5228

Elastic Legendre Coefficients

52-Te-121



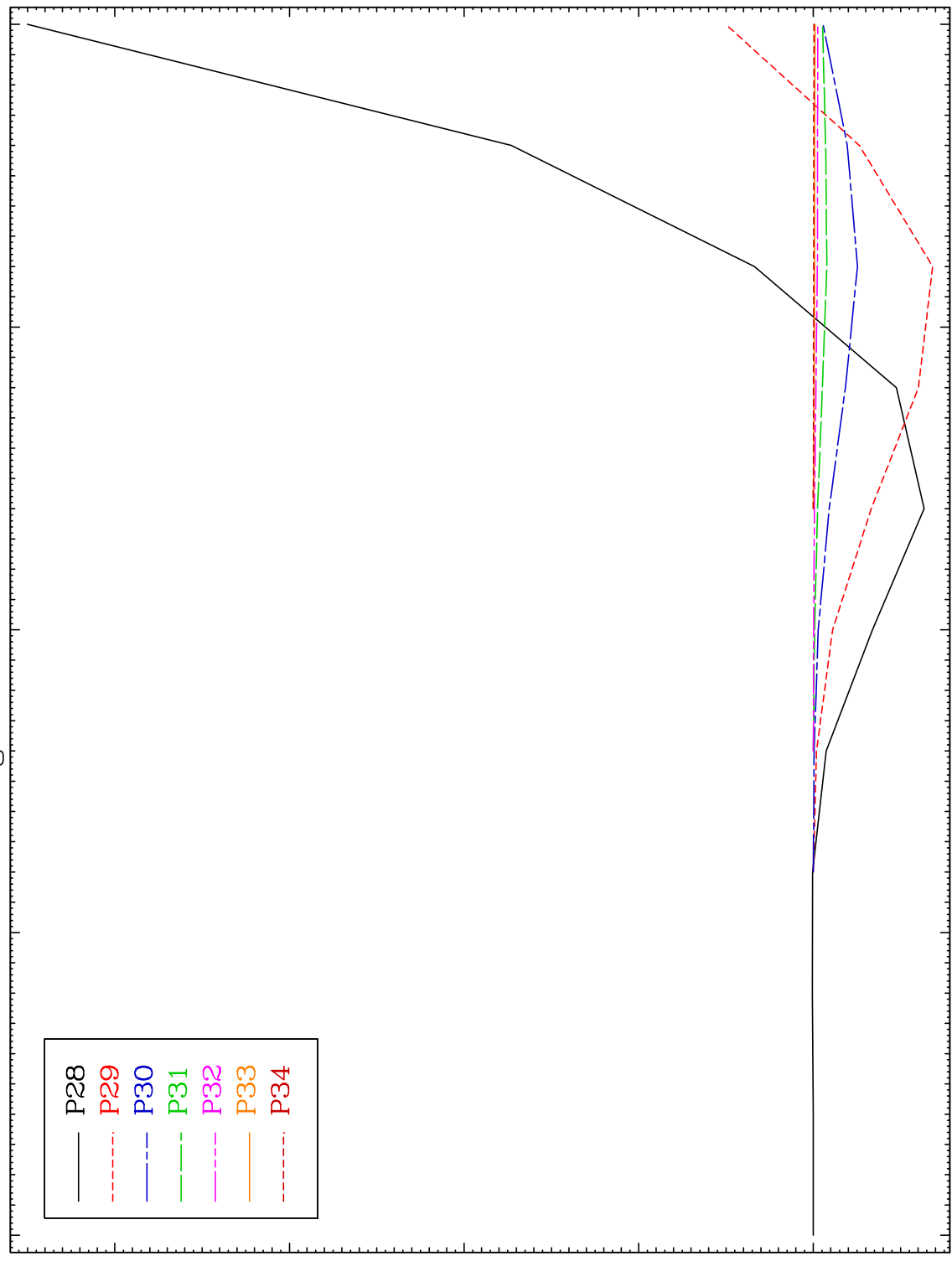
$\times 10^{-7}$

Legendre (CM)

10 15 20 25 30

Incident Energy (MeV)

52-Te-121

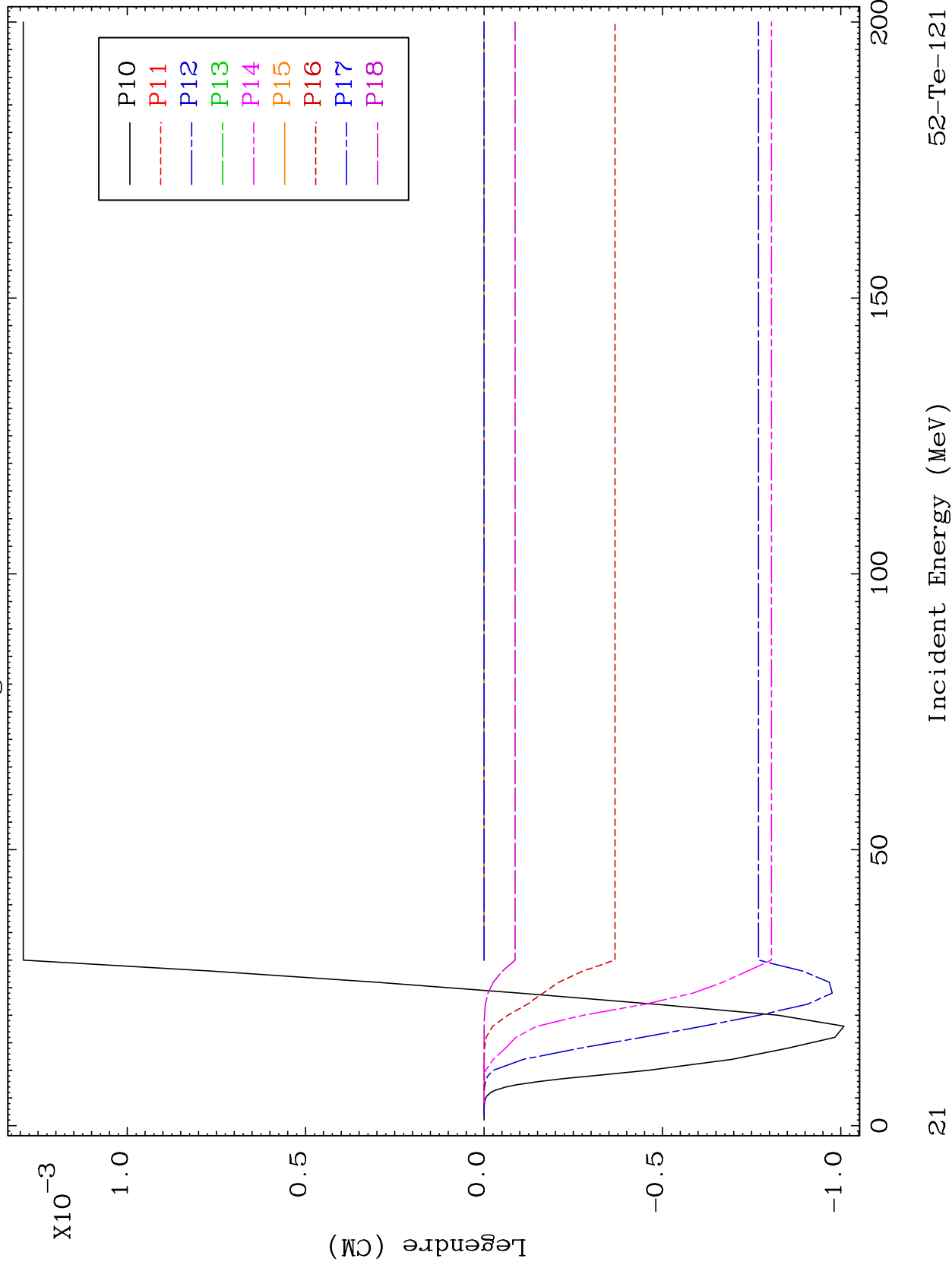




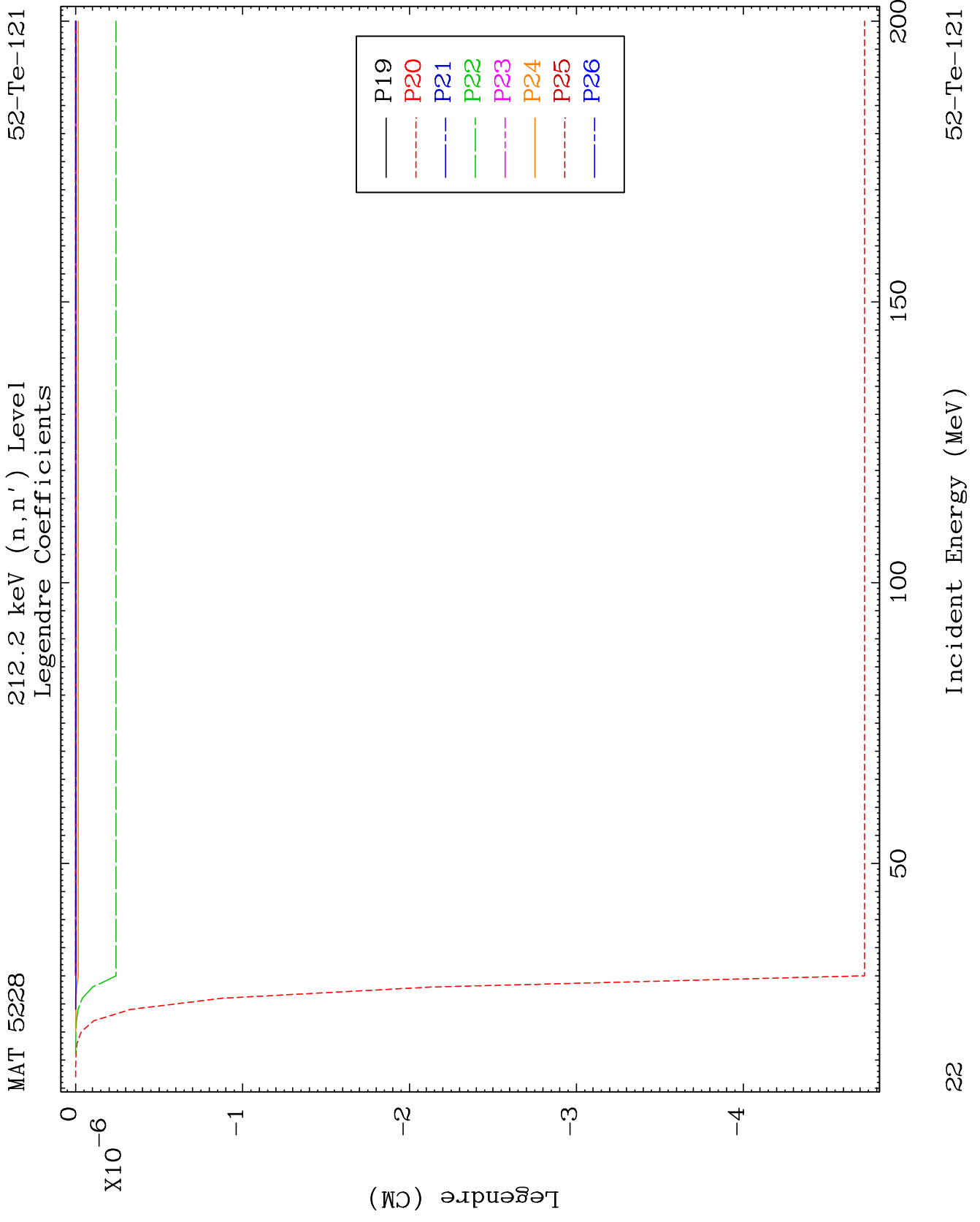
MAT 5228

212.2 keV (n,n') Level  
Legendre Coefficients

52-Te-121



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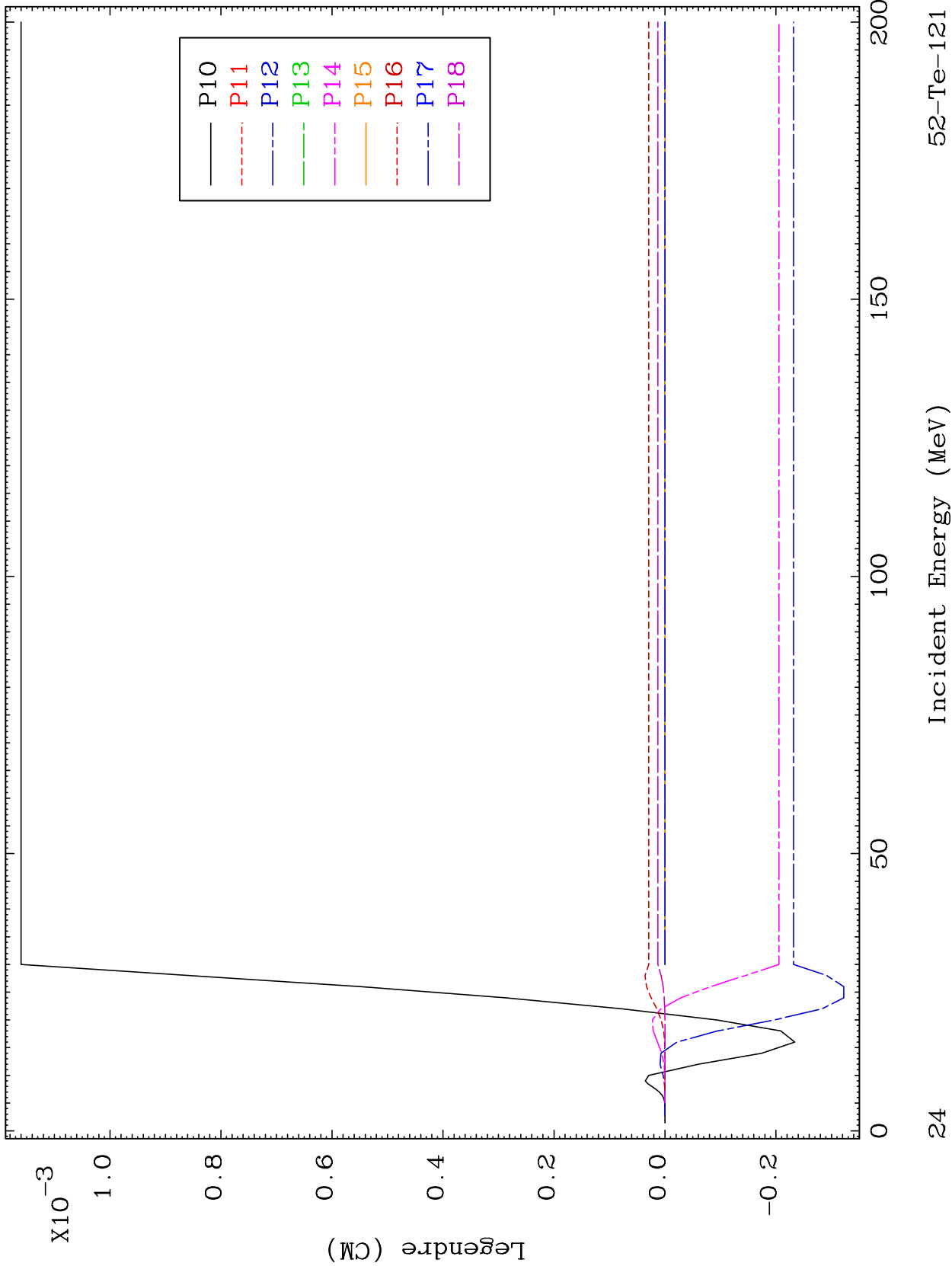




MAT 5228

294.0 keV (n,n') Level  
Legendre Coefficients

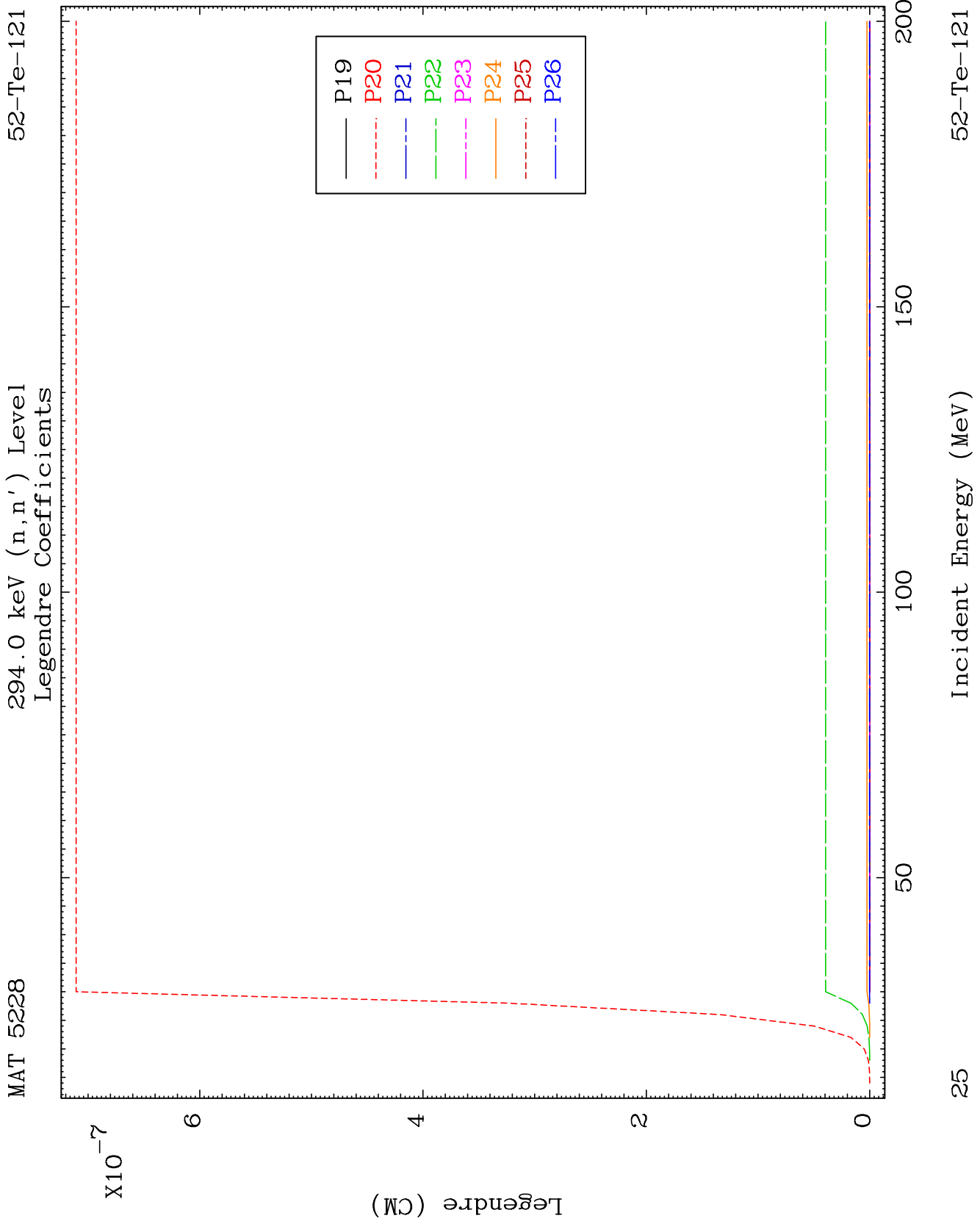
52-Te-121

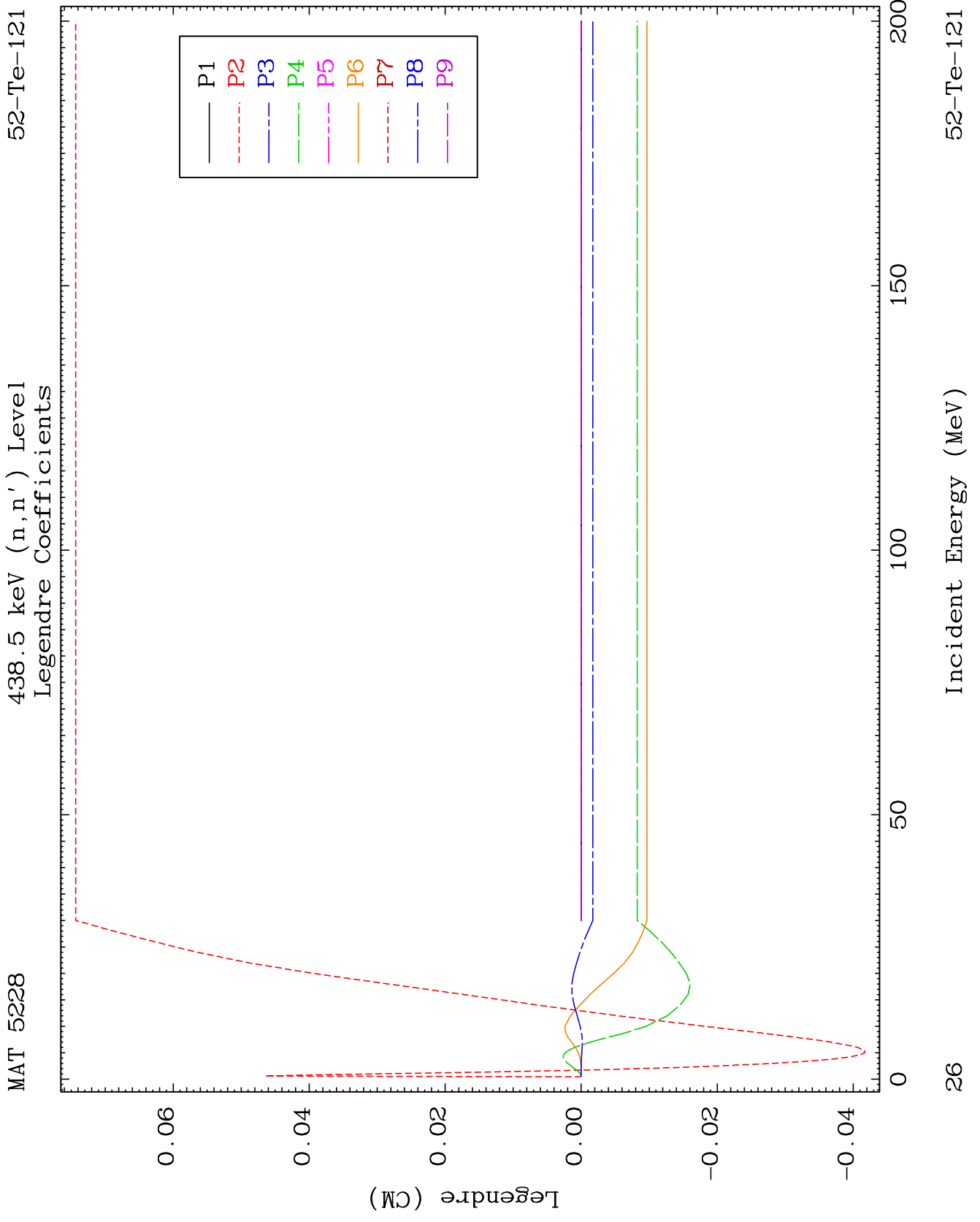


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Incident Energy (MeV)

52-Te-121

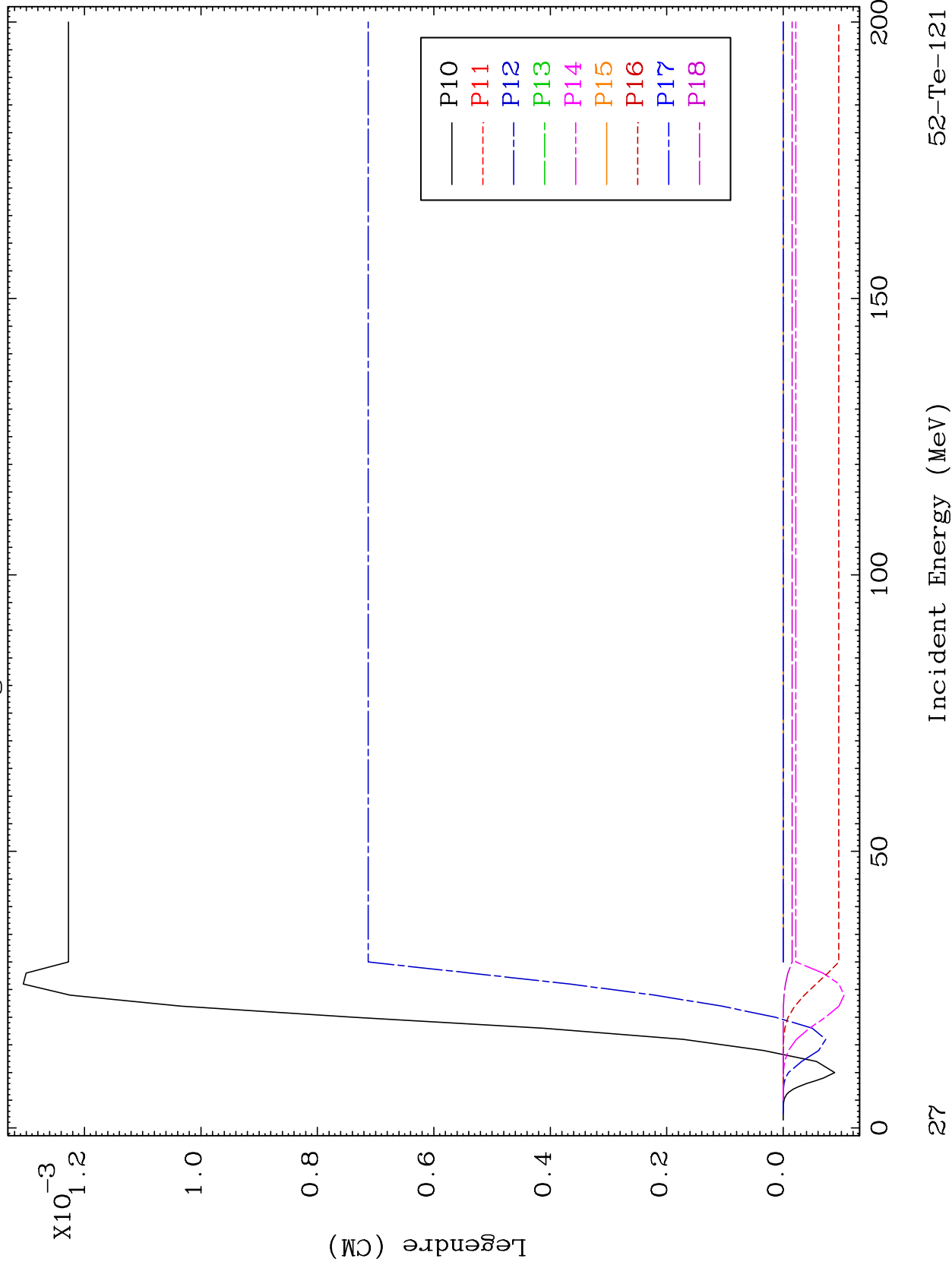




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438.5 keV (n,n') Level  
Legendre Coefficients

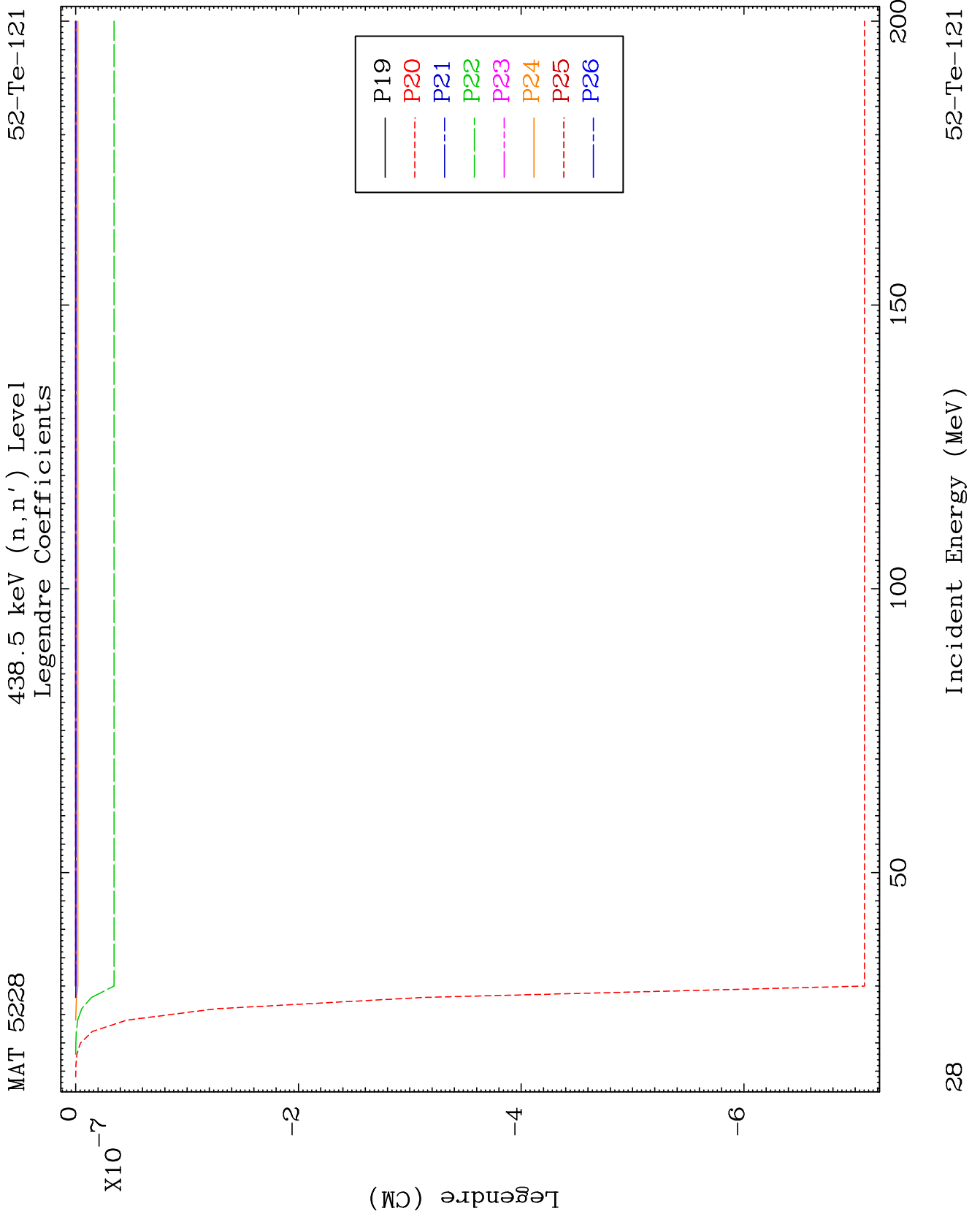
52-Te-121



27

Incident Energy (MeV)

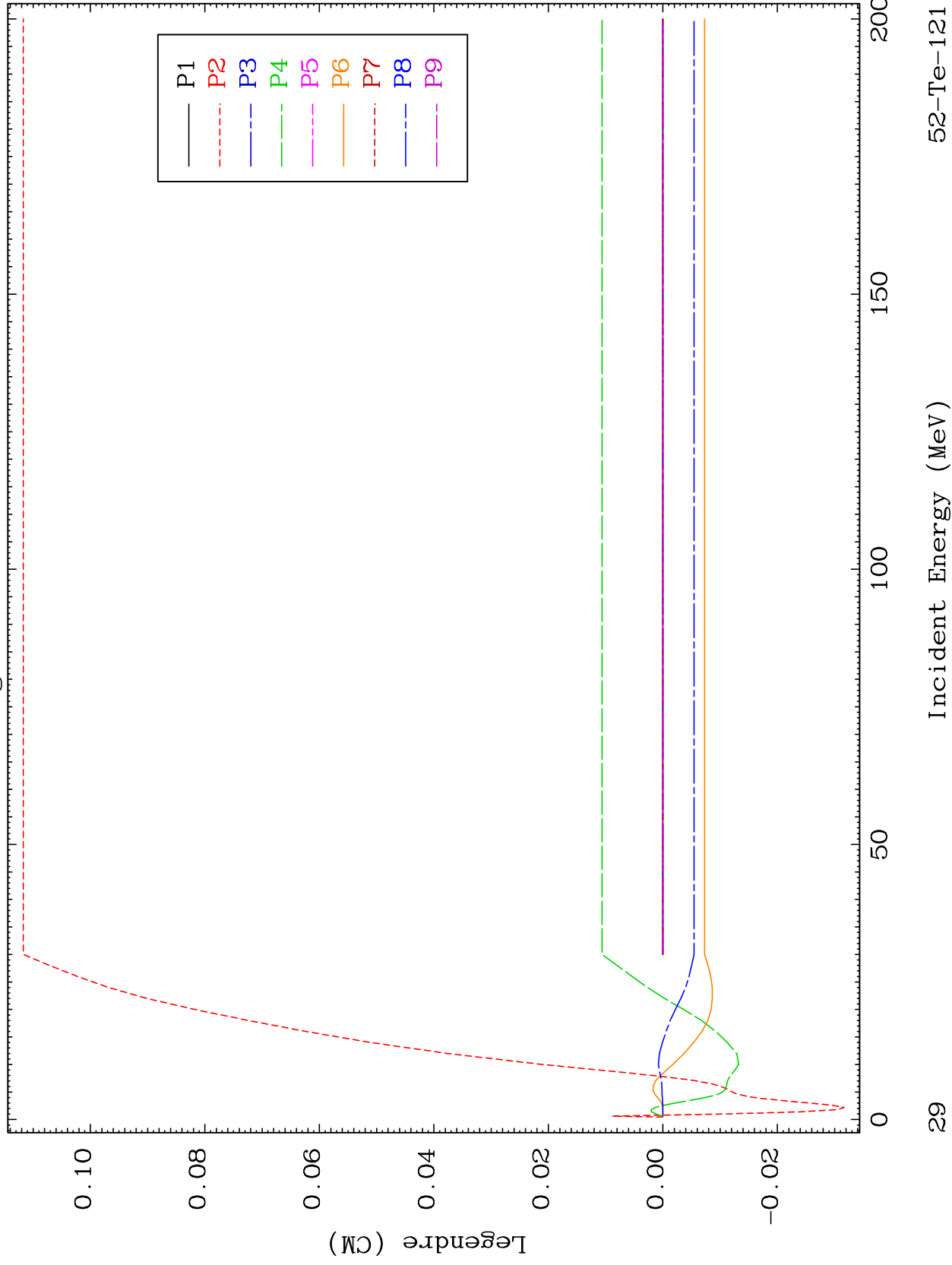
52-Te-121



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443.1 keV (n,n') Level  
Legendre Coefficients

52-Te-121



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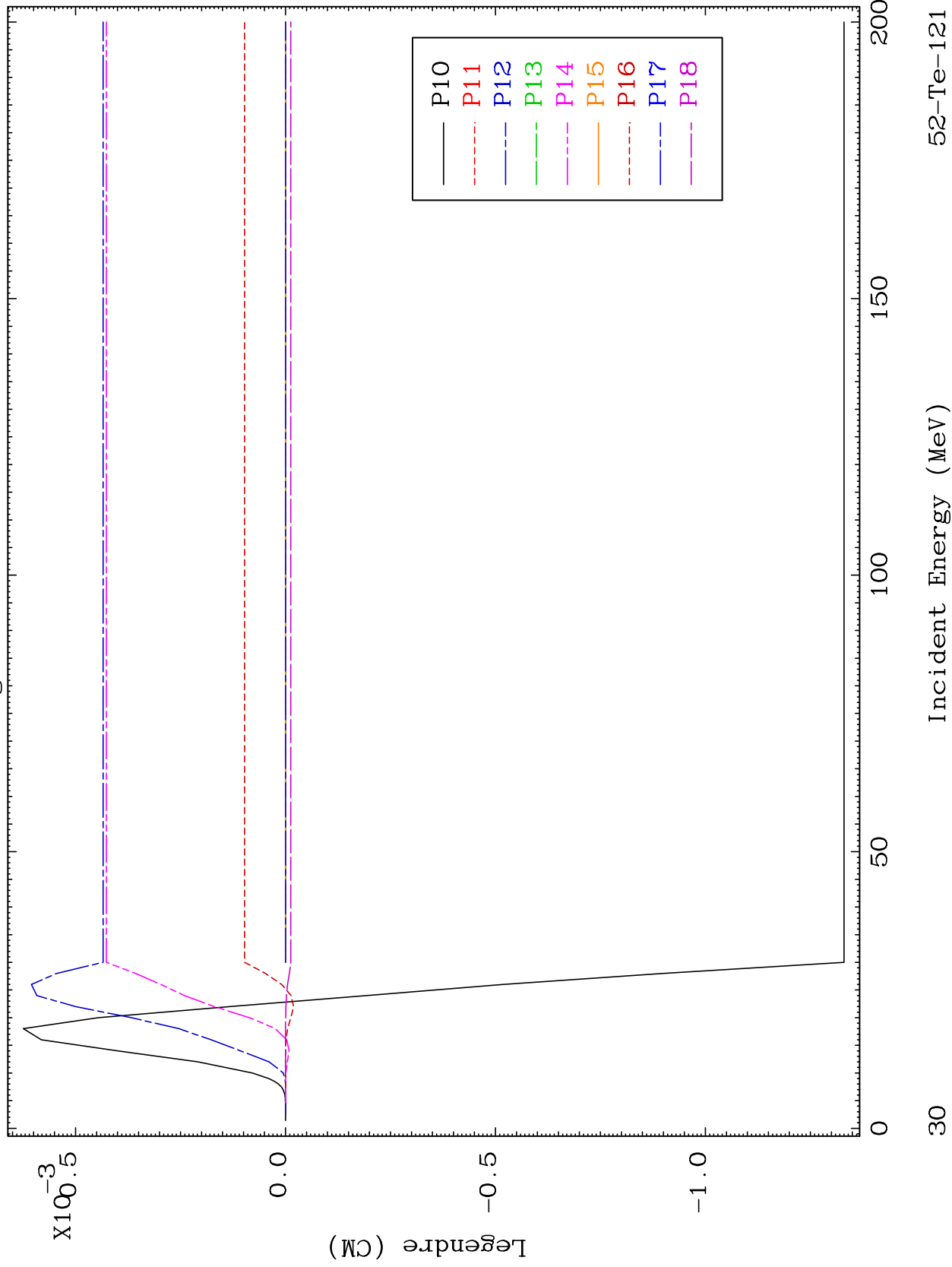
Incident Energy (MeV)

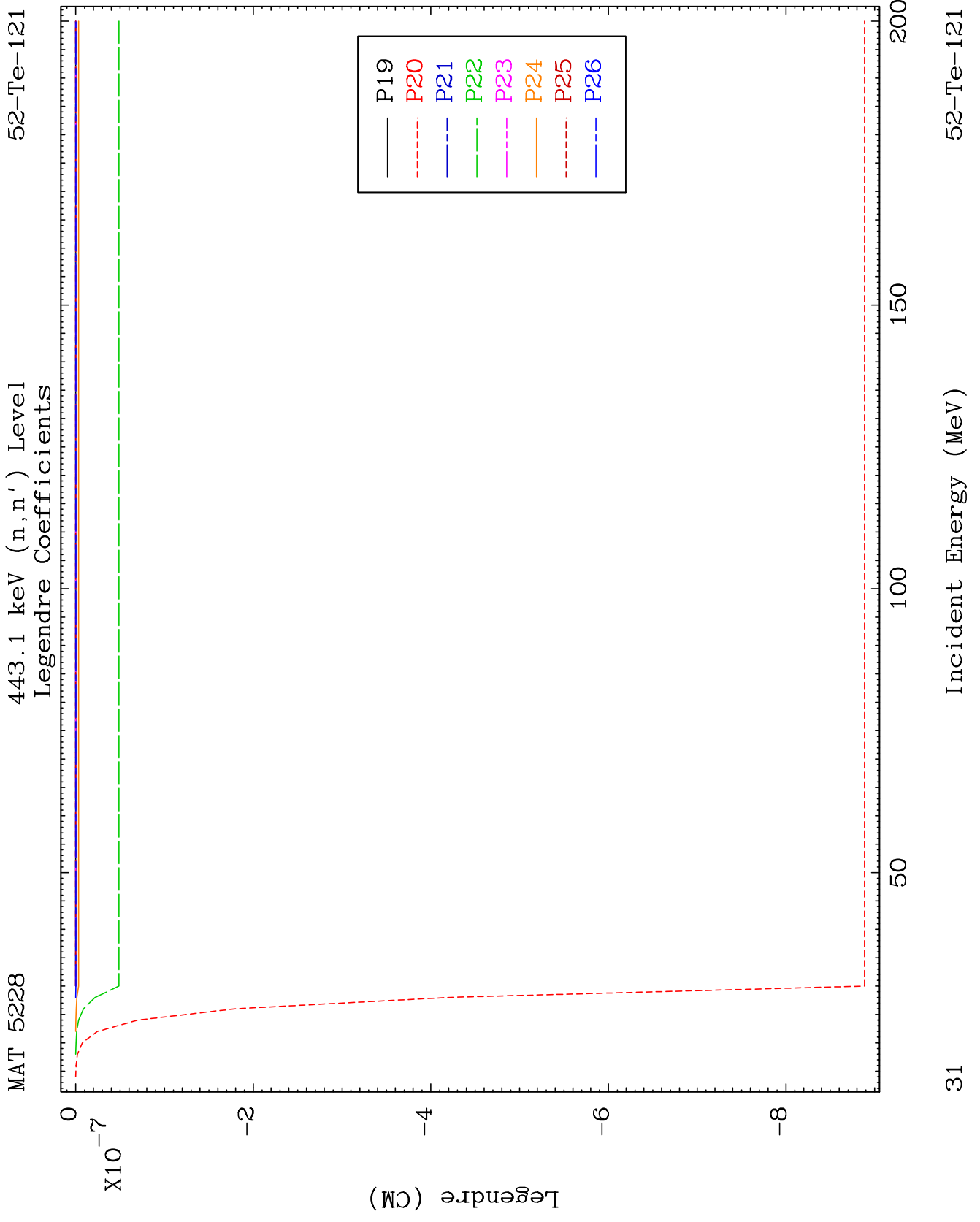
52-Te-121

MAT 5228

443.1 keV (n,n') Level  
Legendre Coefficients

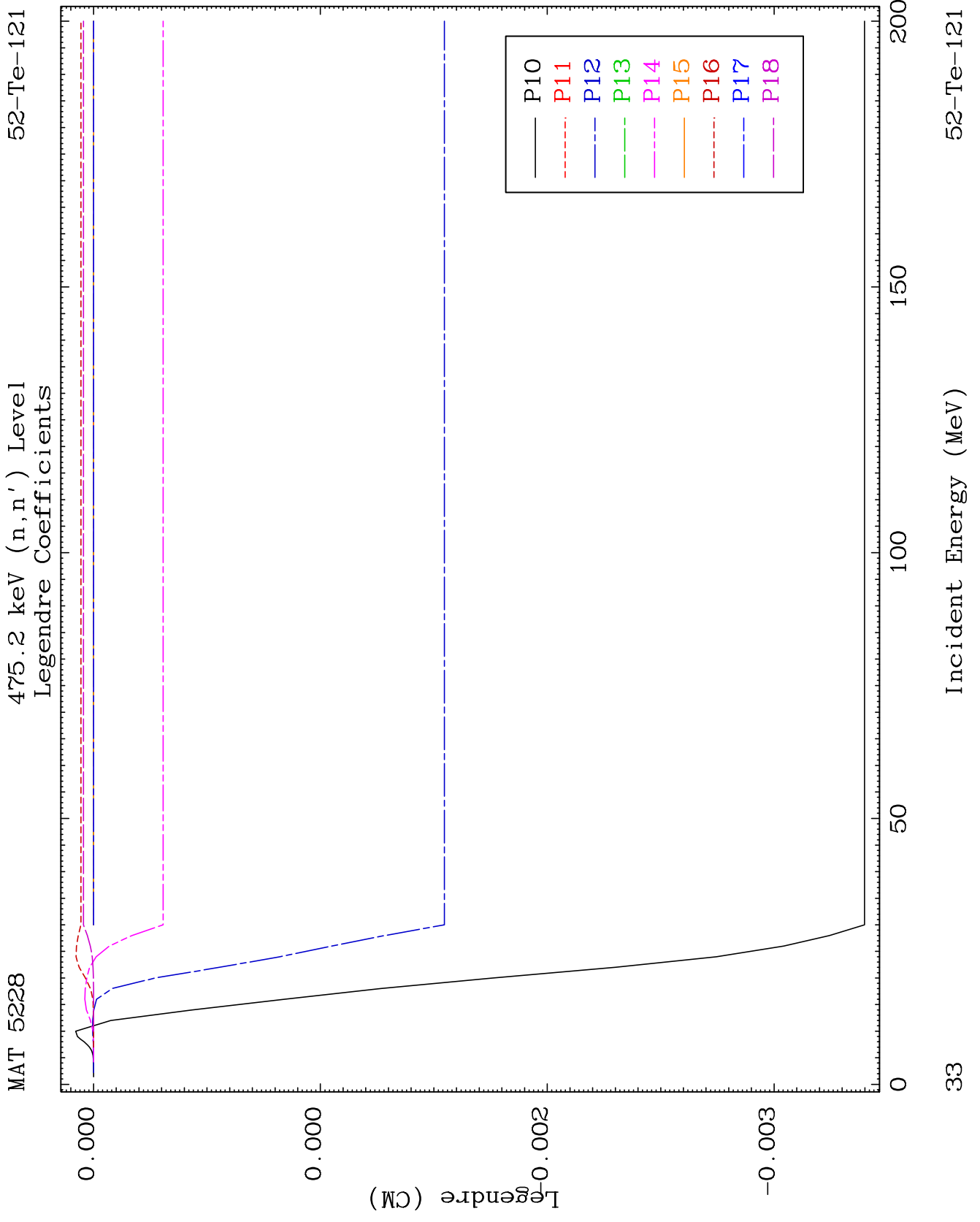
52-Te-121



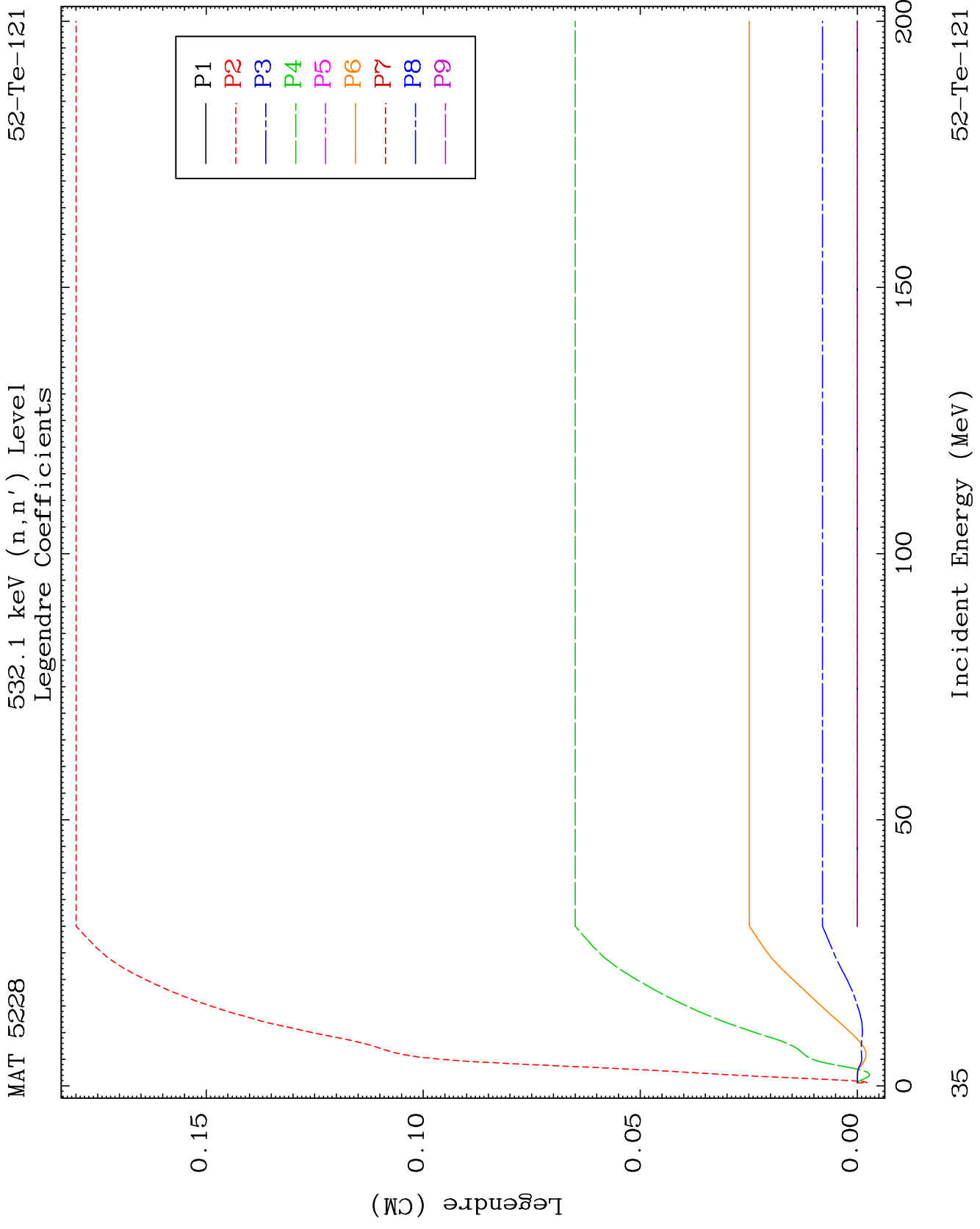








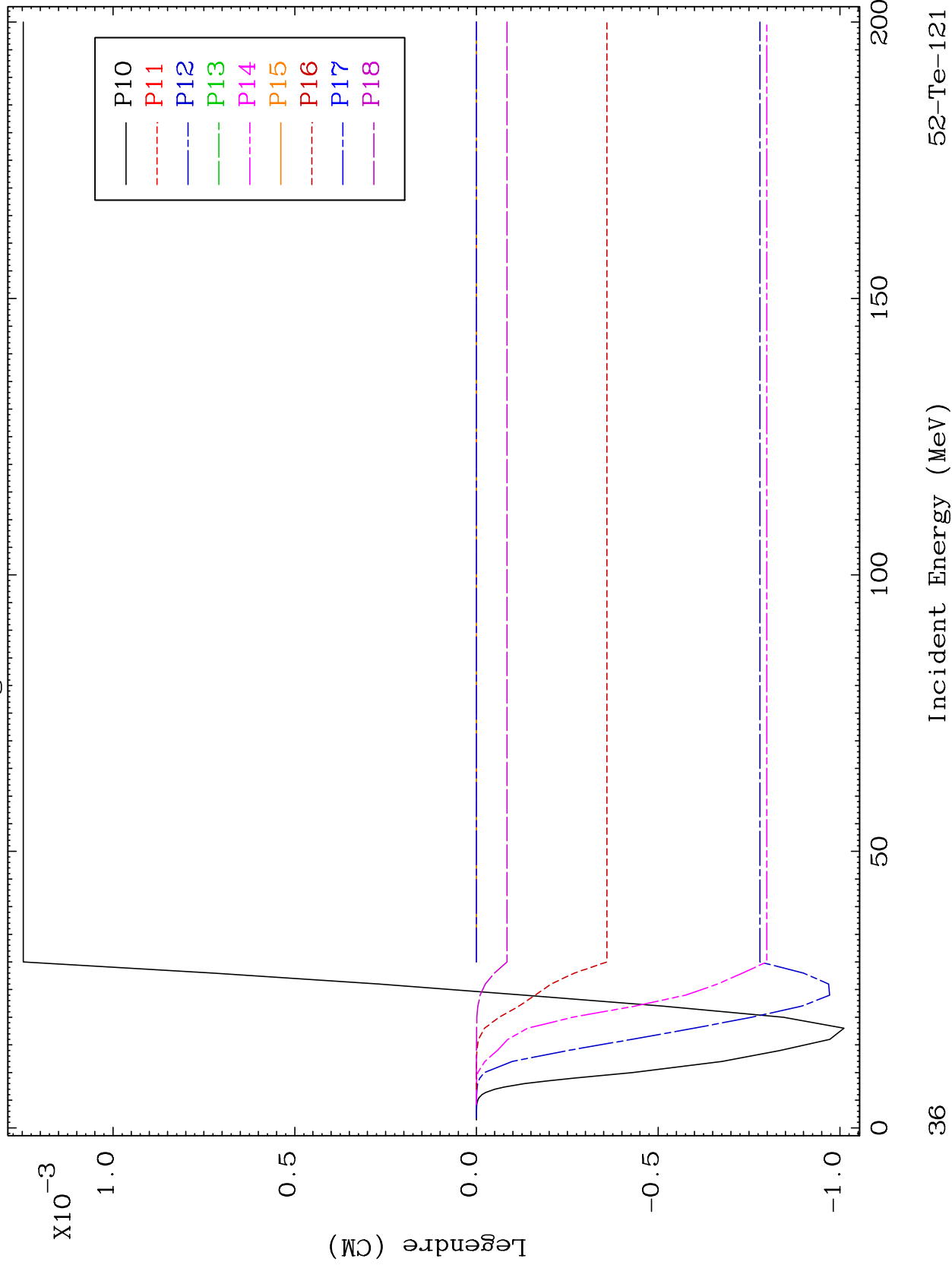




MAT 5228

532.1 keV (n,n') Level  
Legendre Coefficients

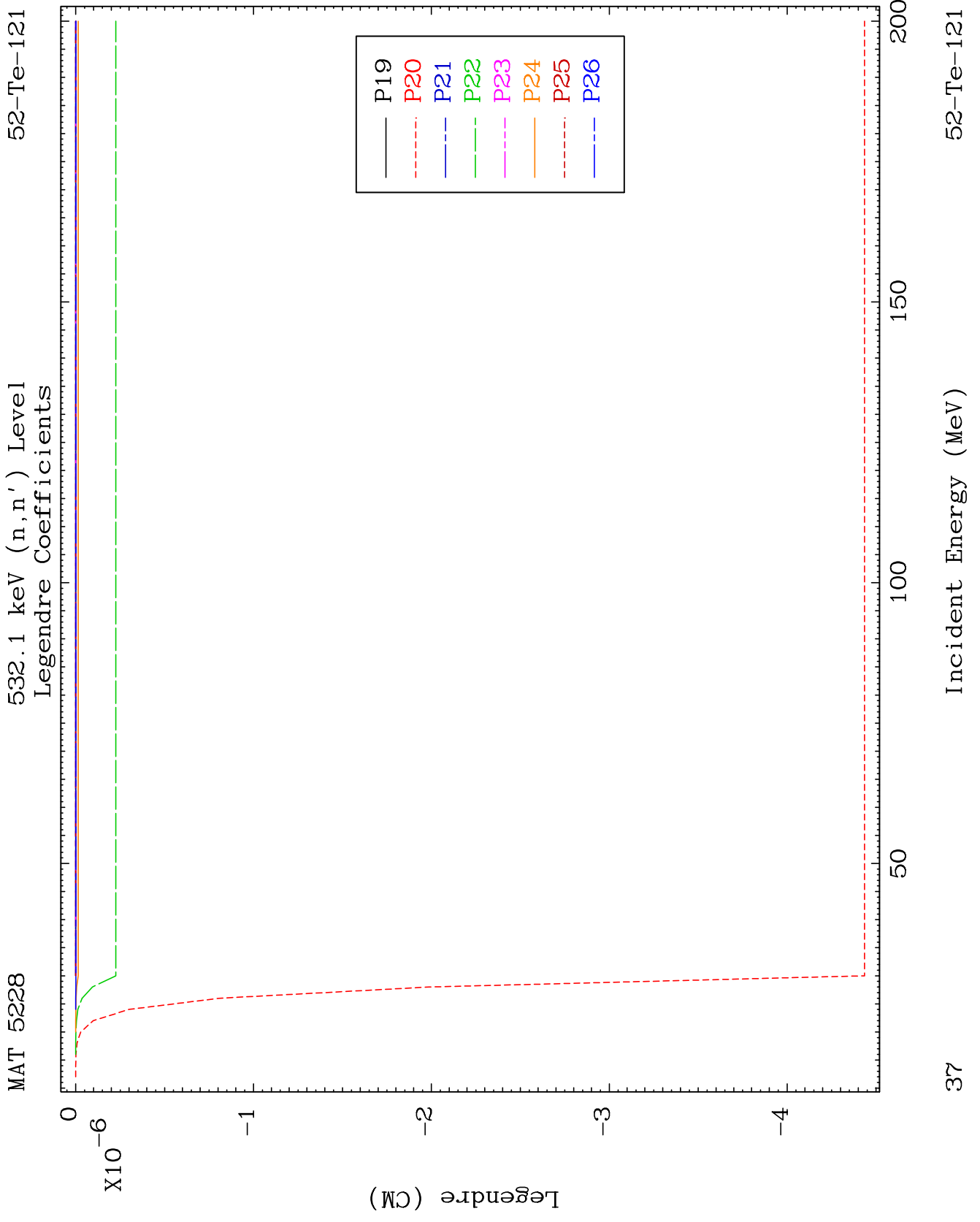
52-Te-121



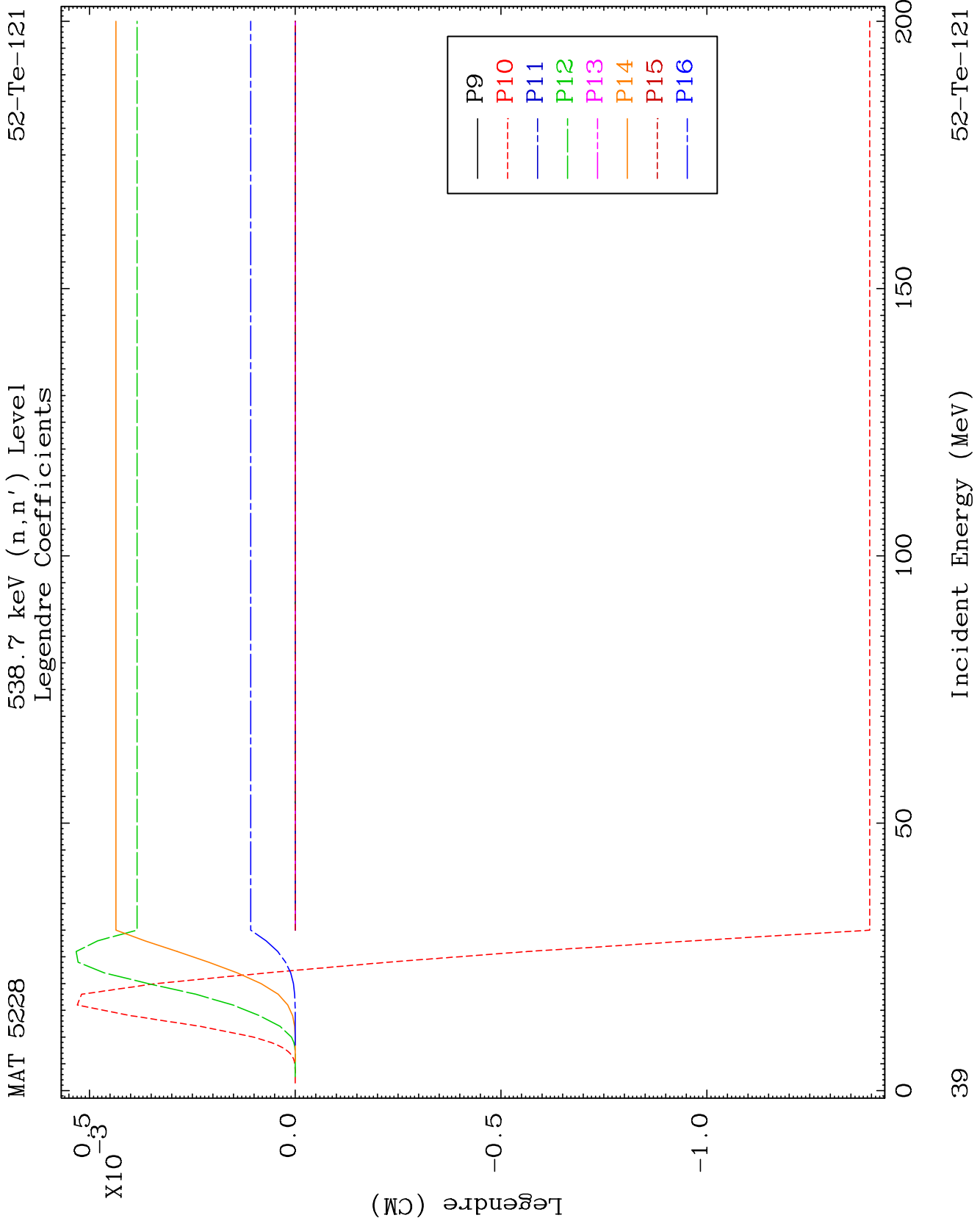
52-Te-121

Incident Energy (MeV)

36

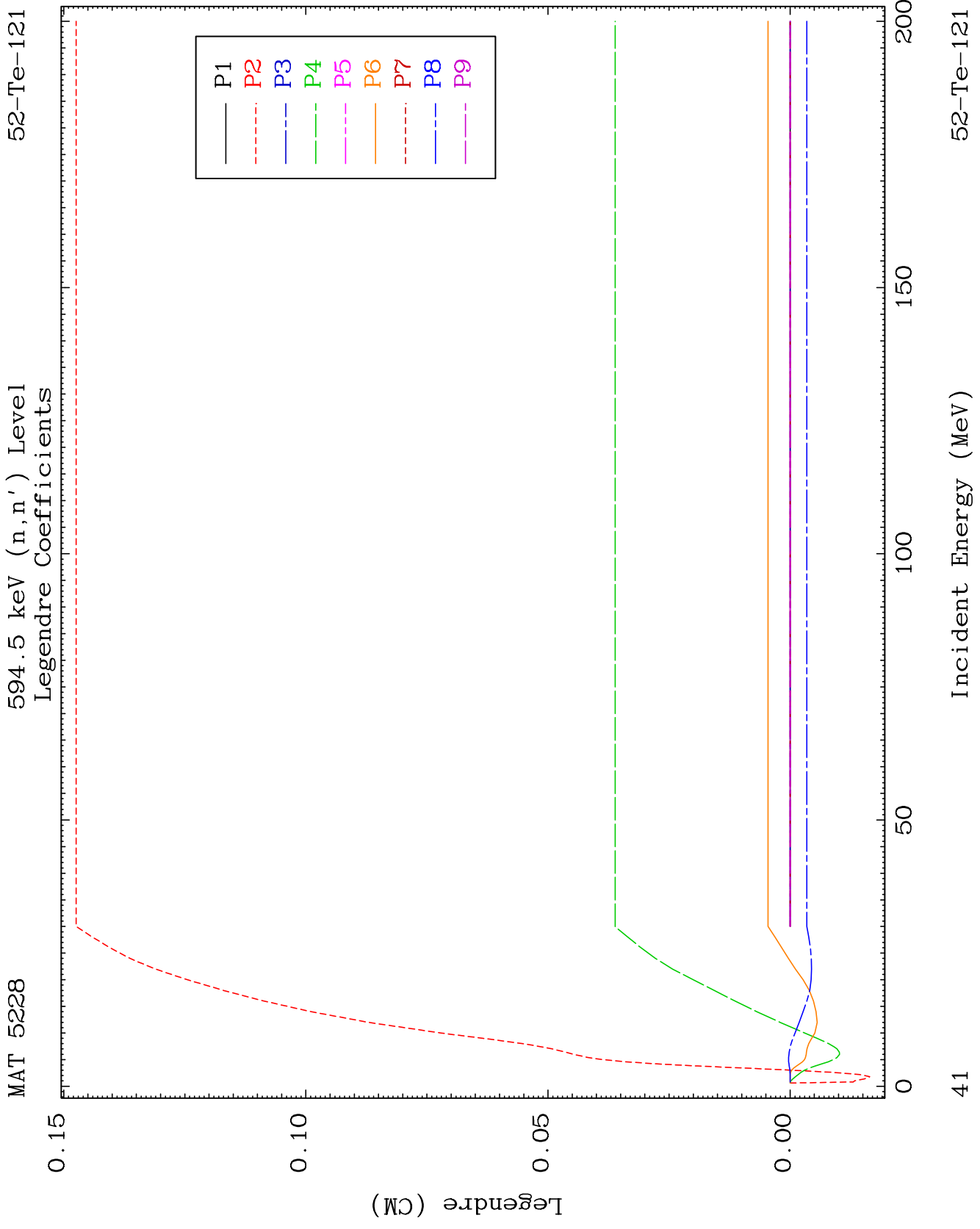


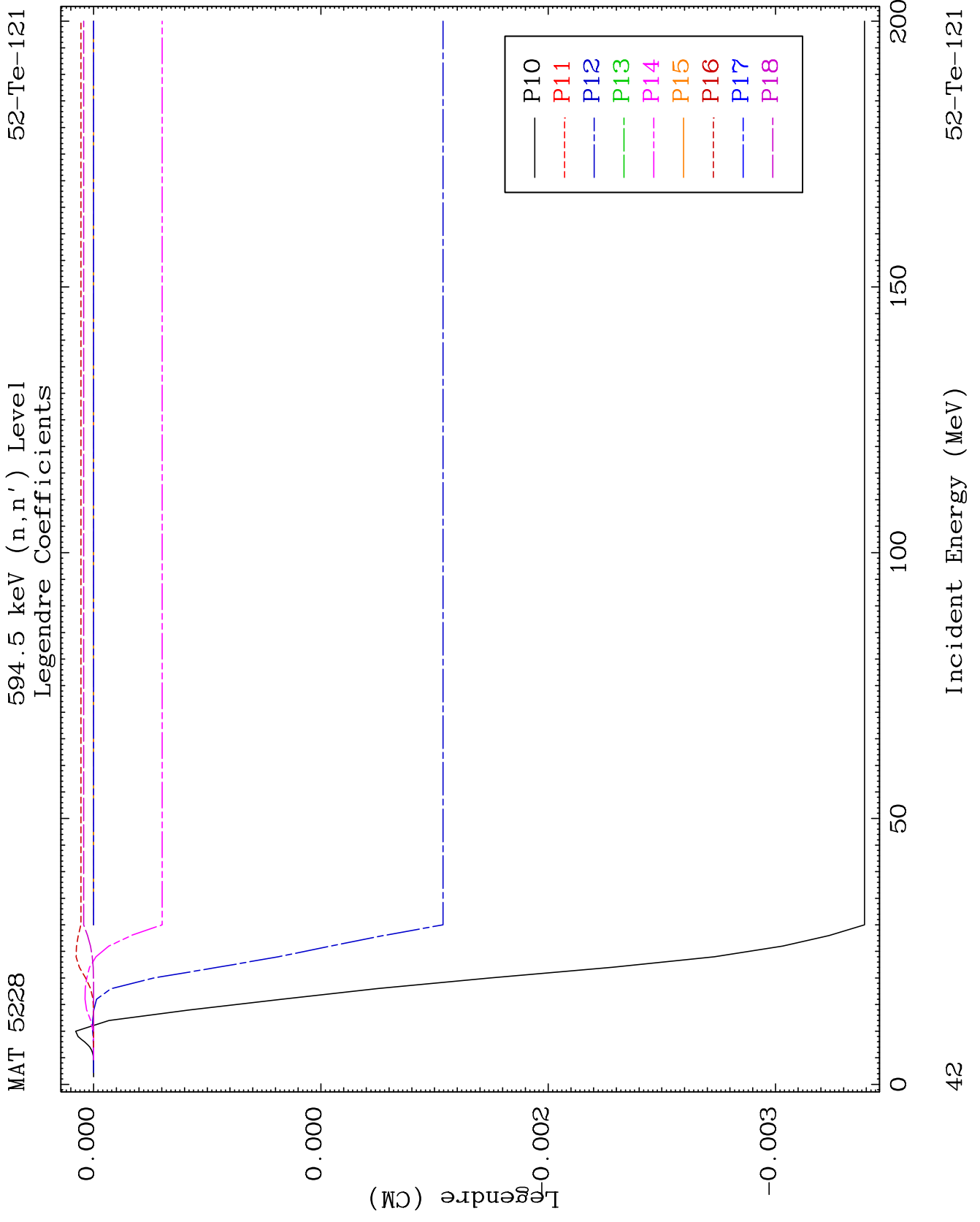




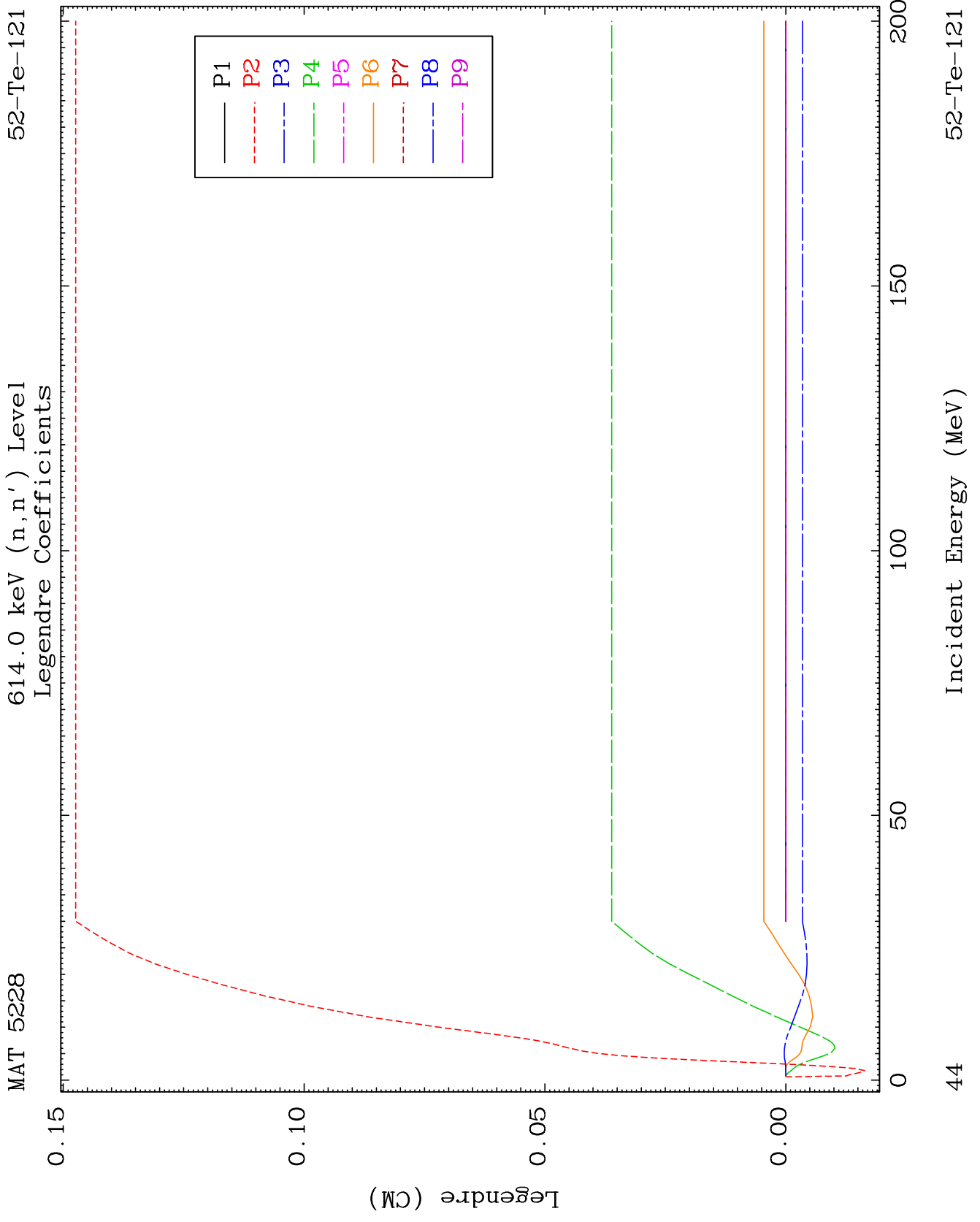
















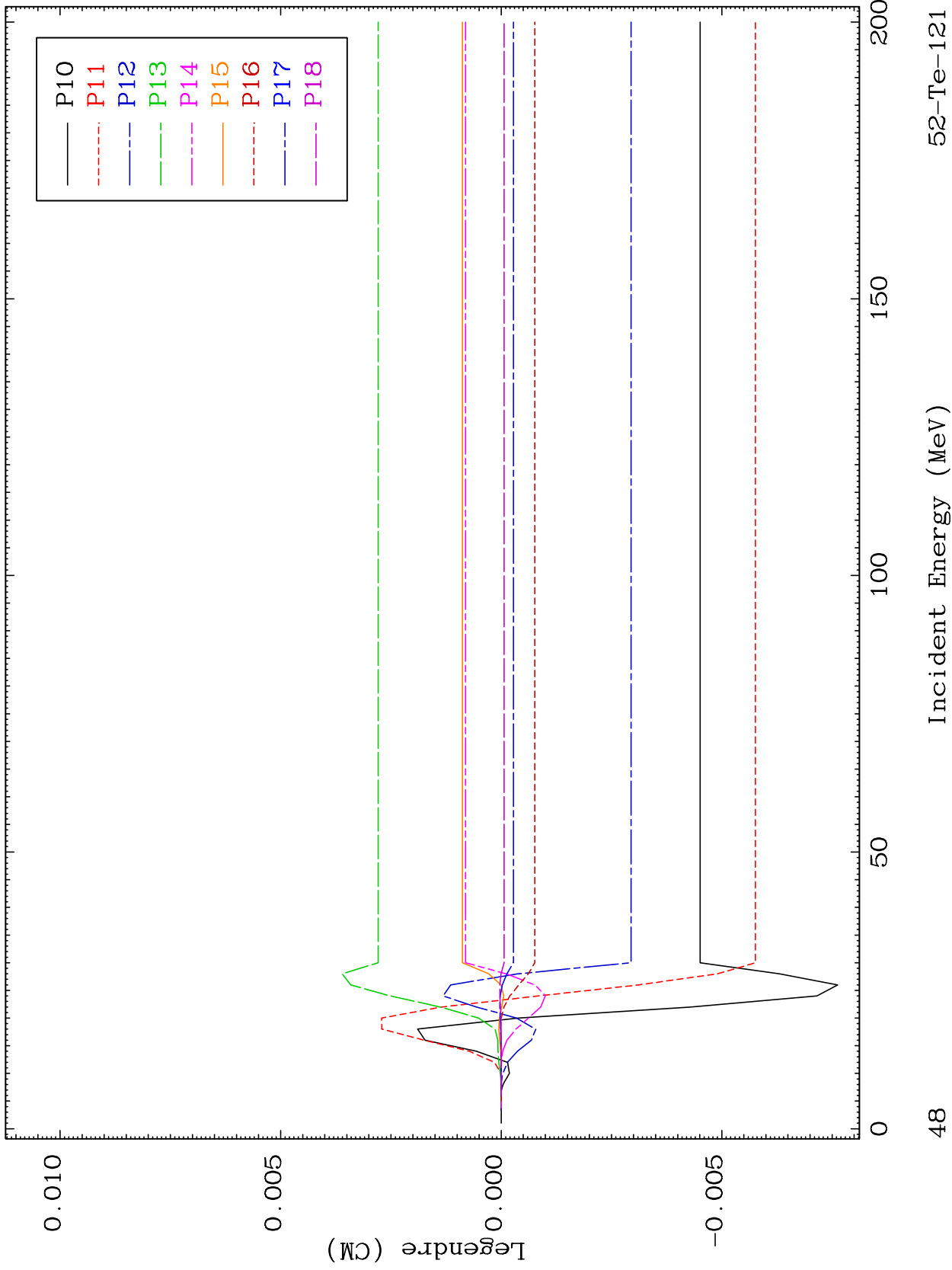




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660.0 keV (n,n') Level  
Legendre Coefficients

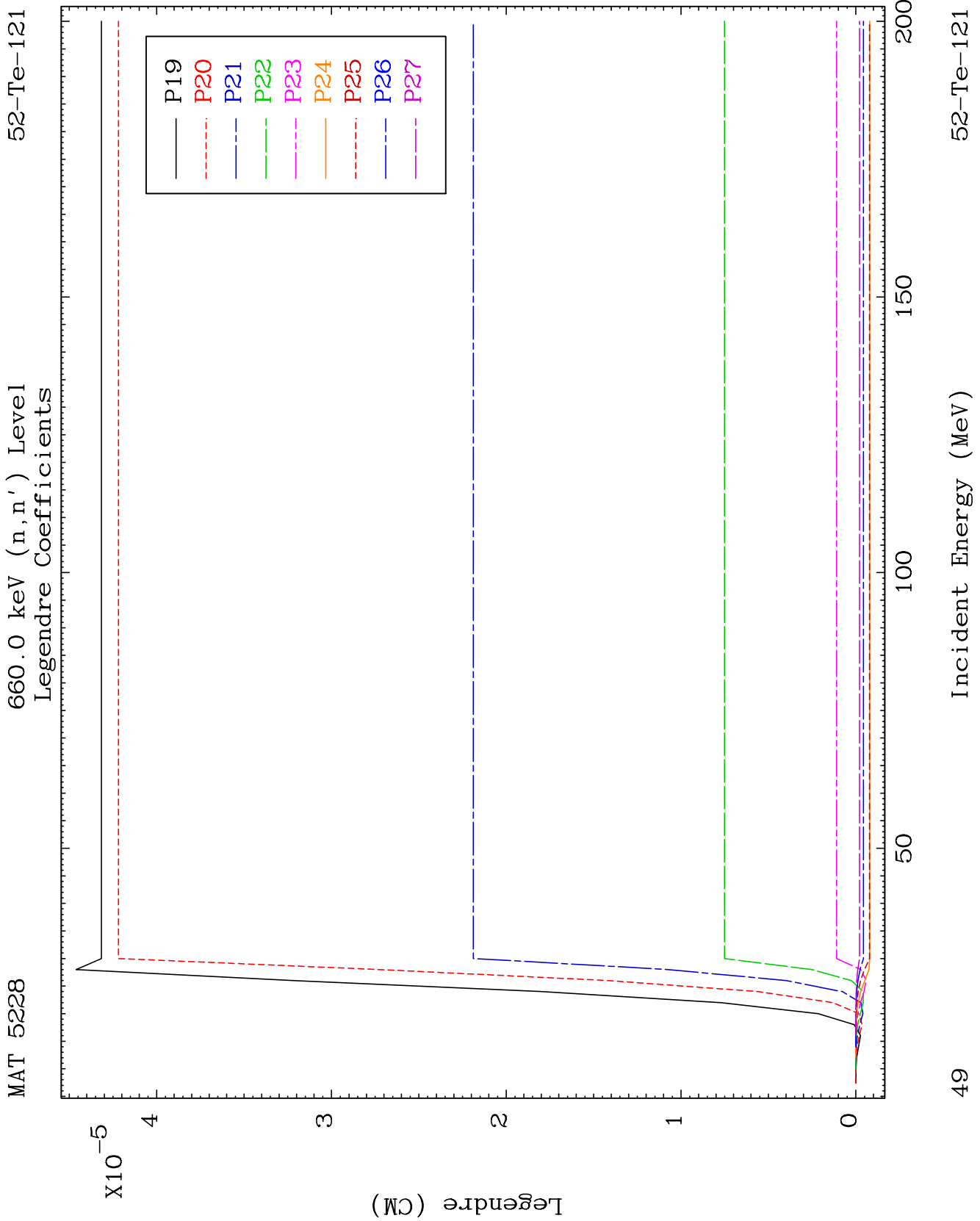
52-Te-121



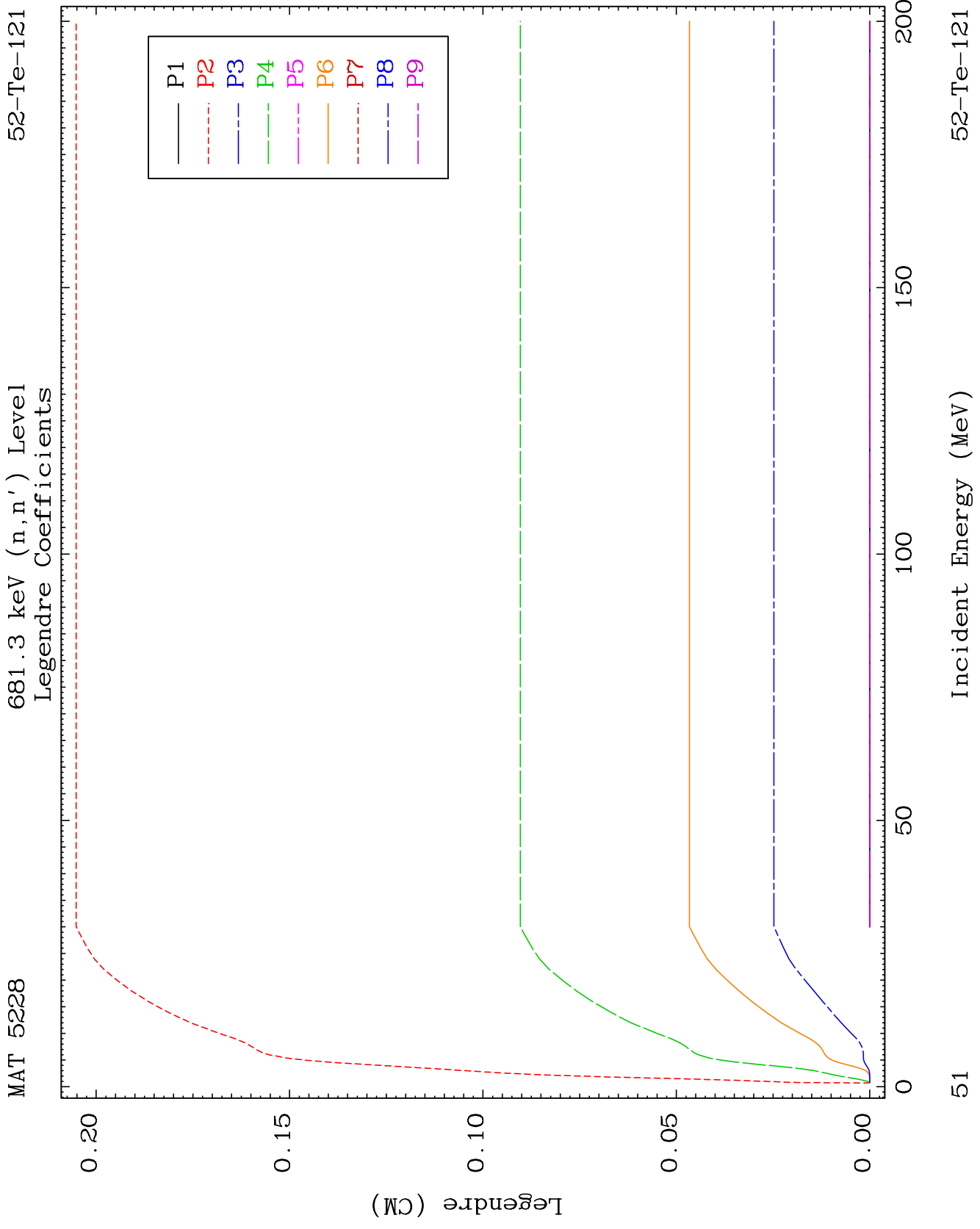
48

Incident Energy (MeV)

52-Te-121



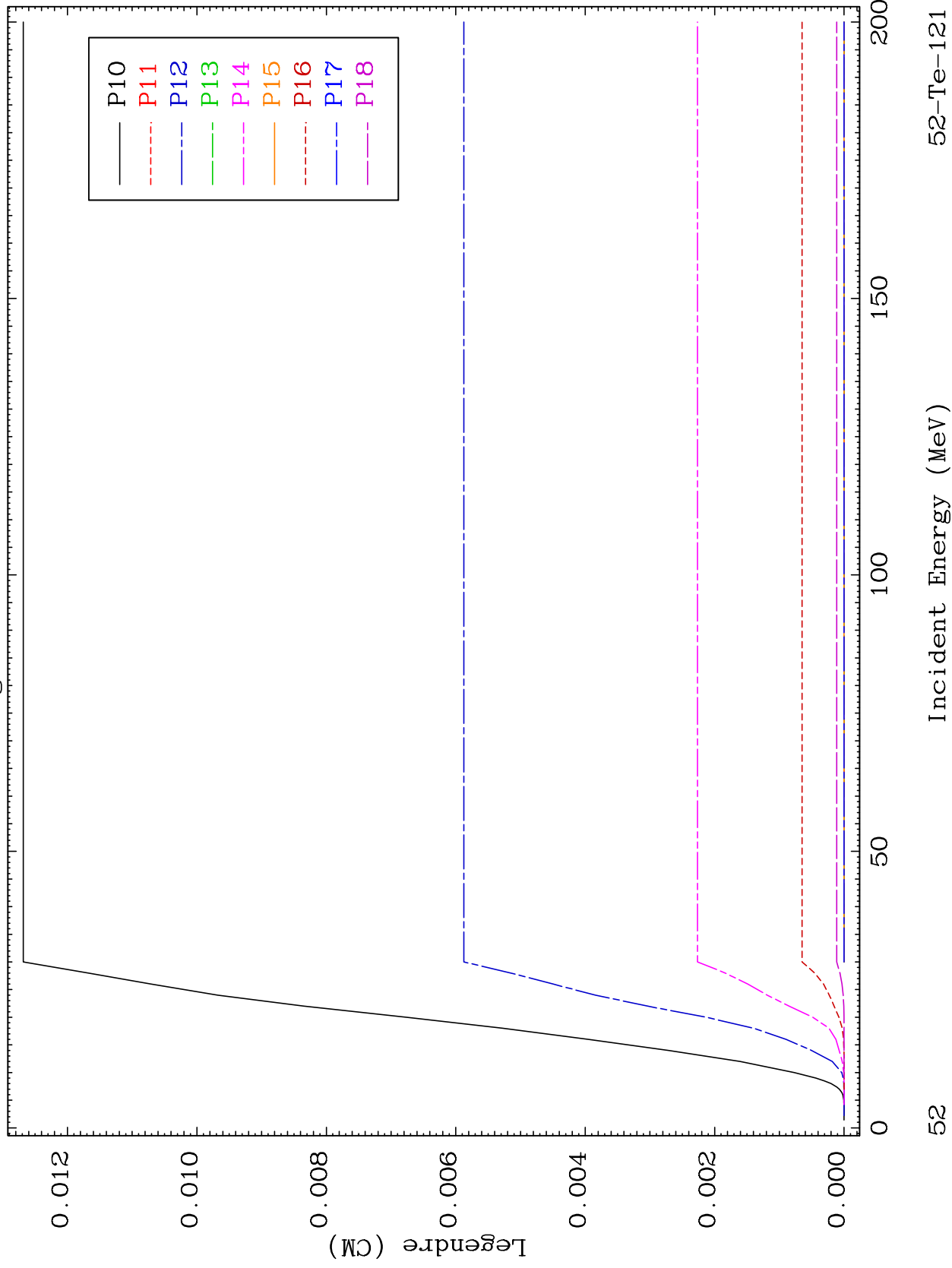




MAT 5228

681.3 keV (n,n') Level  
Legendre Coefficients

52-Te-121

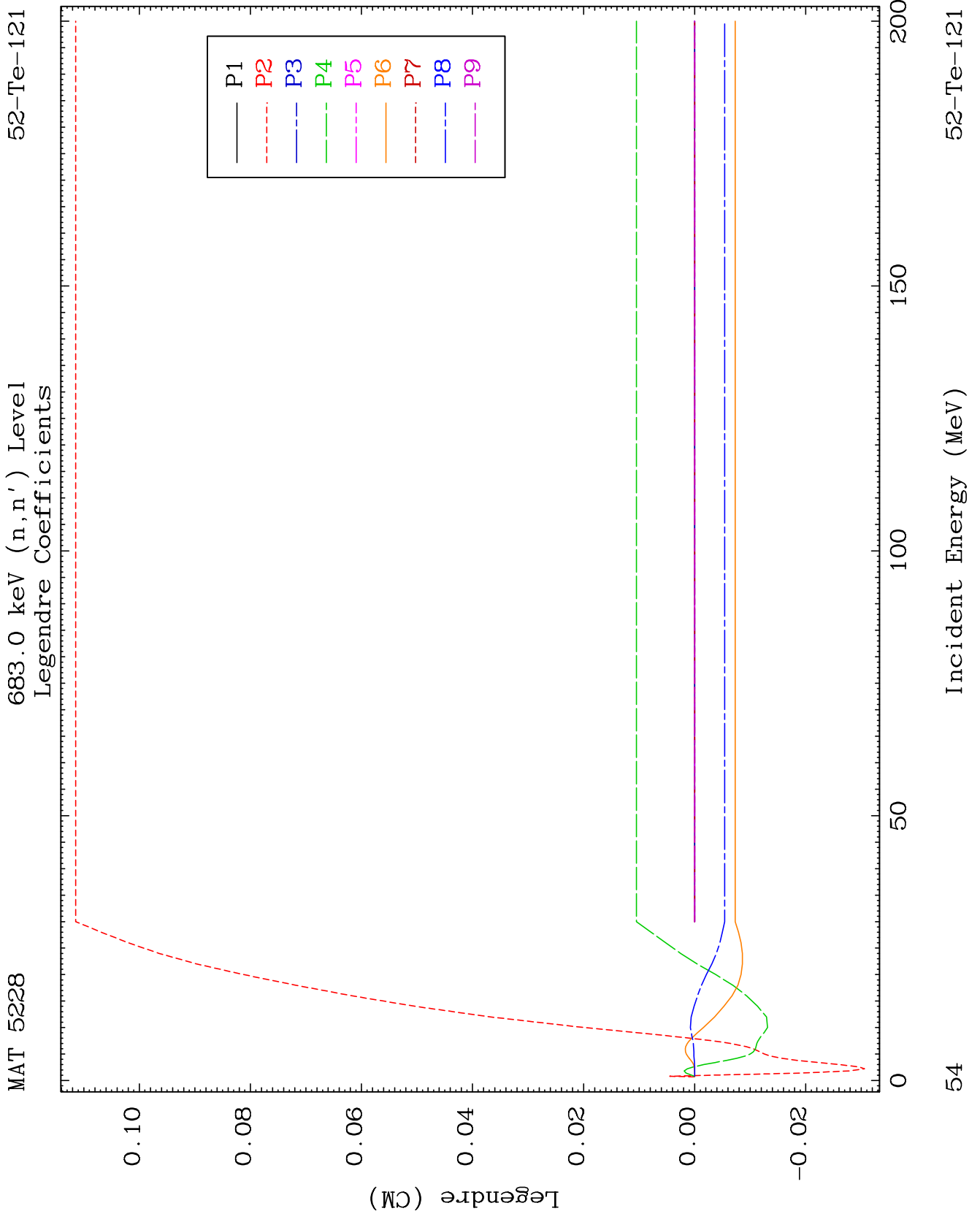


52

Incident Energy (MeV)

52-Te-121

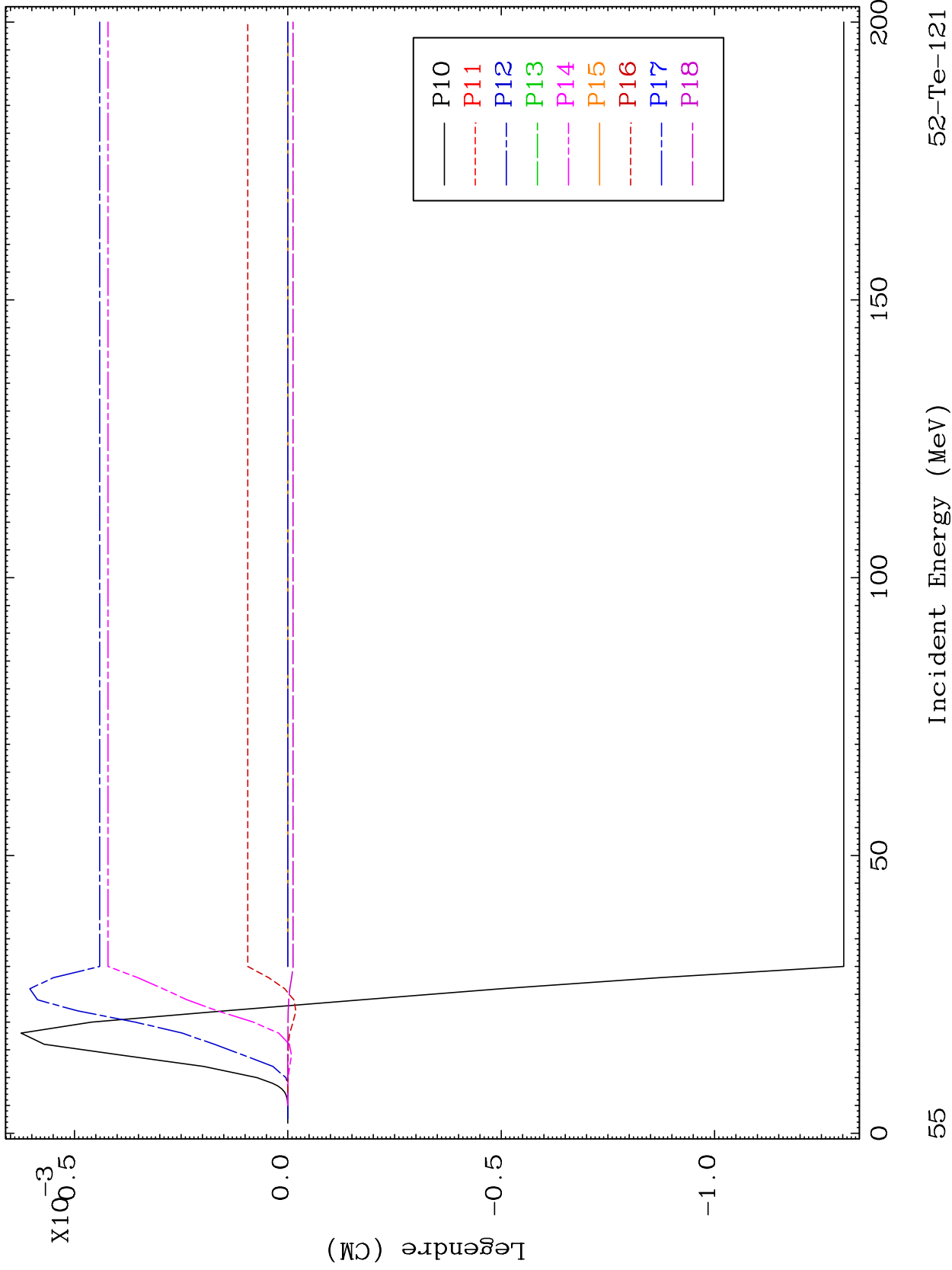




MAT 5228

683.0 keV (n,n') Level  
Legendre Coefficients

52-Te-121

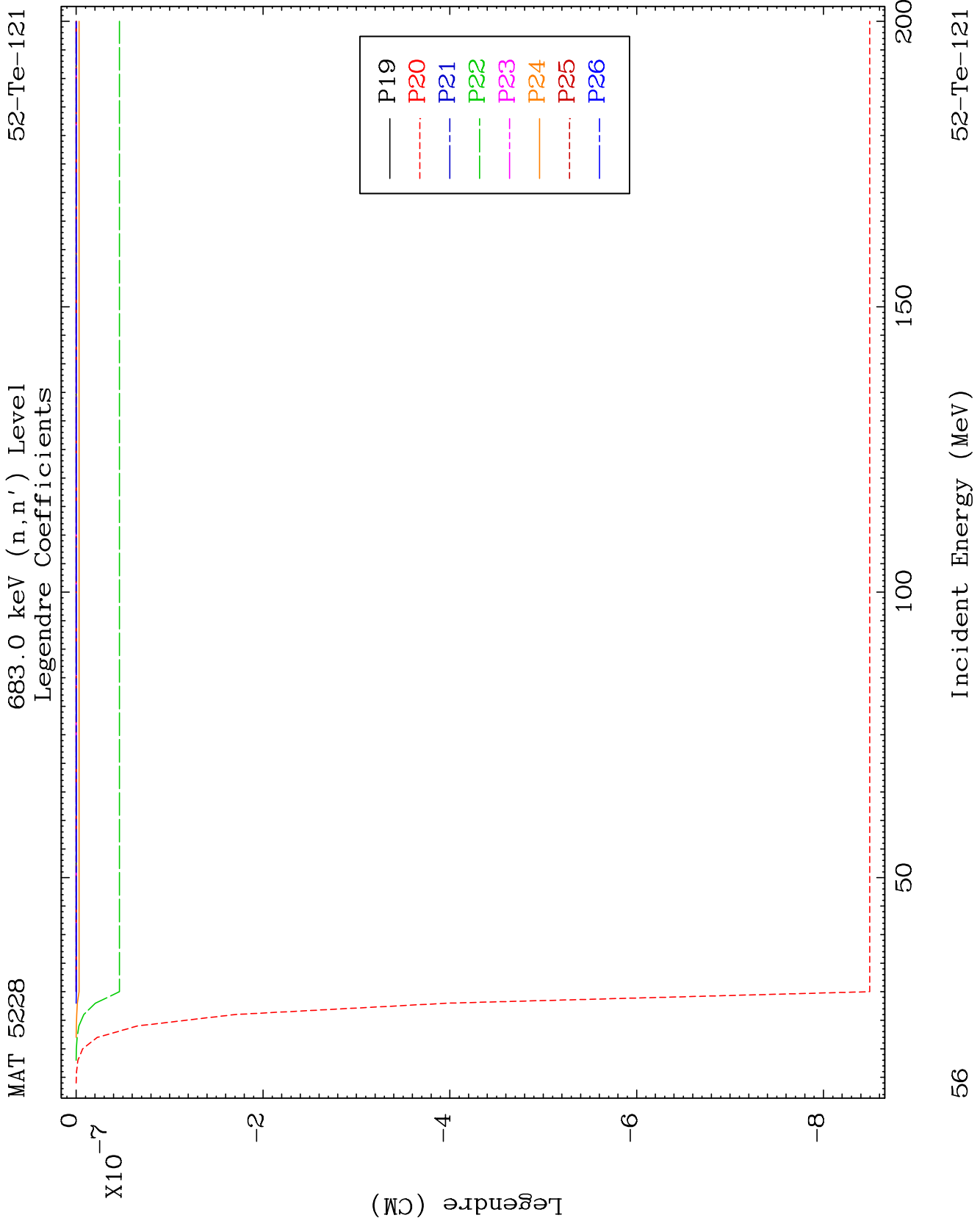


52-Te-121

Incident Energy (MeV)

55



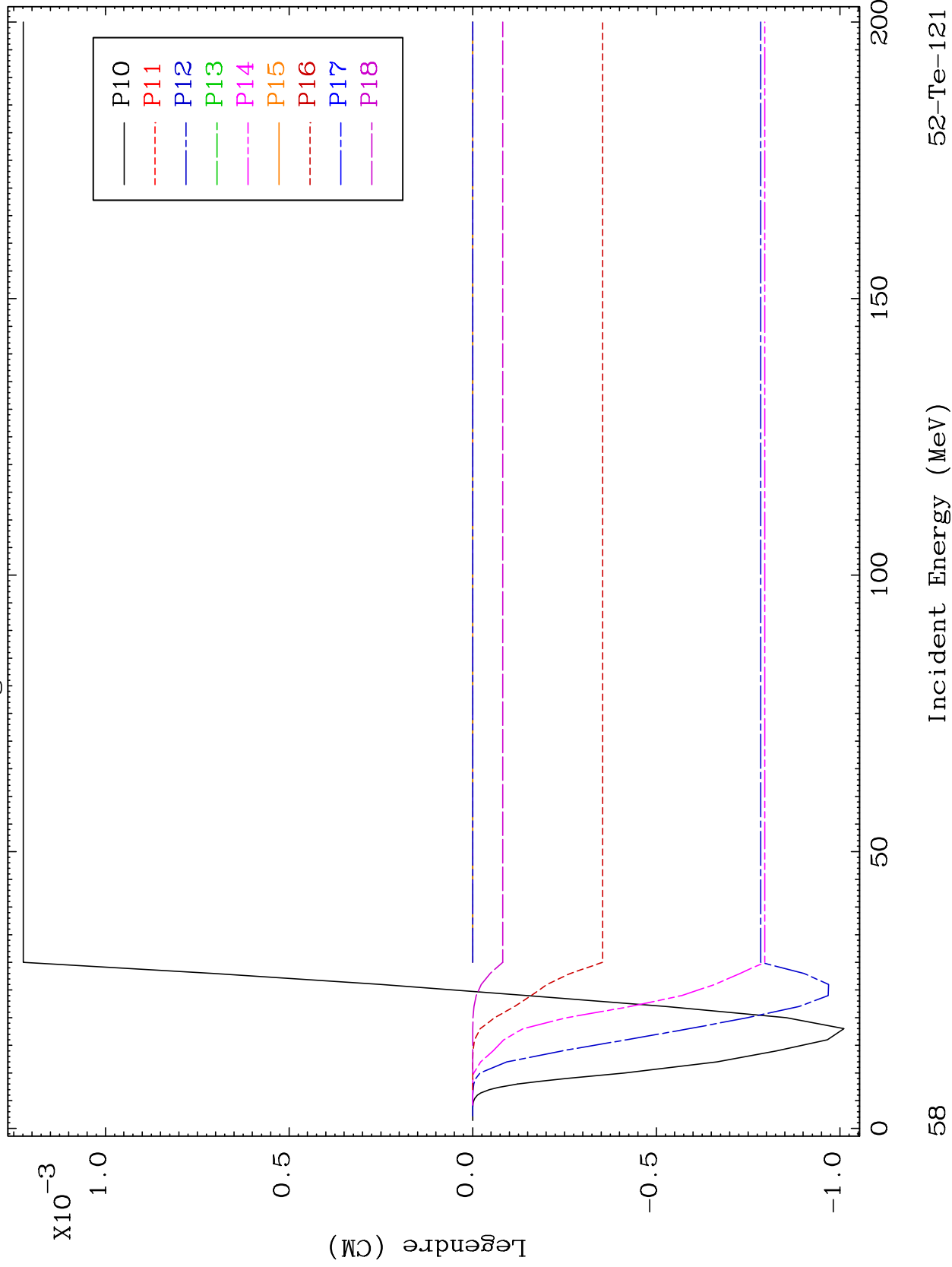




MAT 5228

698.0 keV (n,n') Level  
Legendre Coefficients

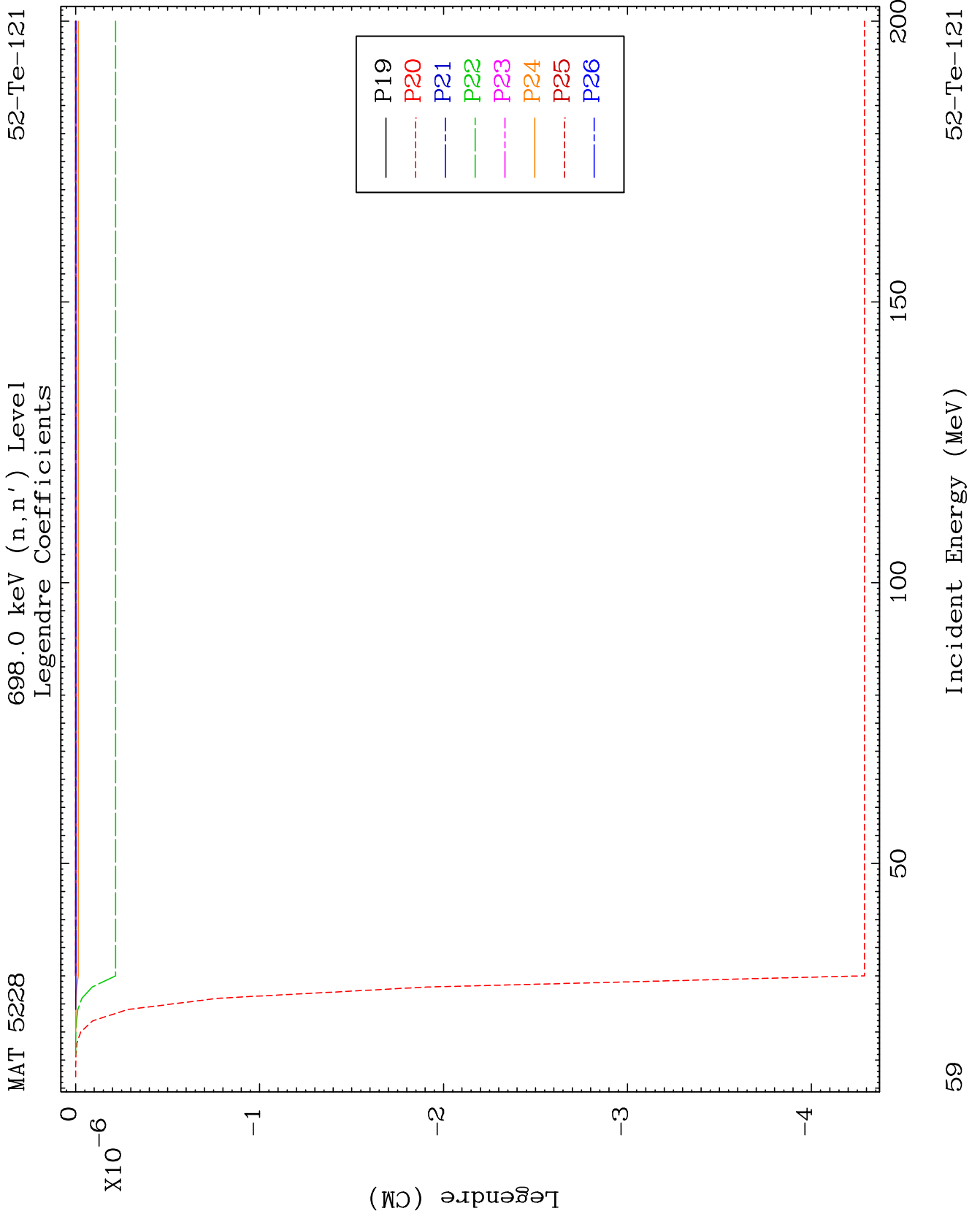
52-Te-121

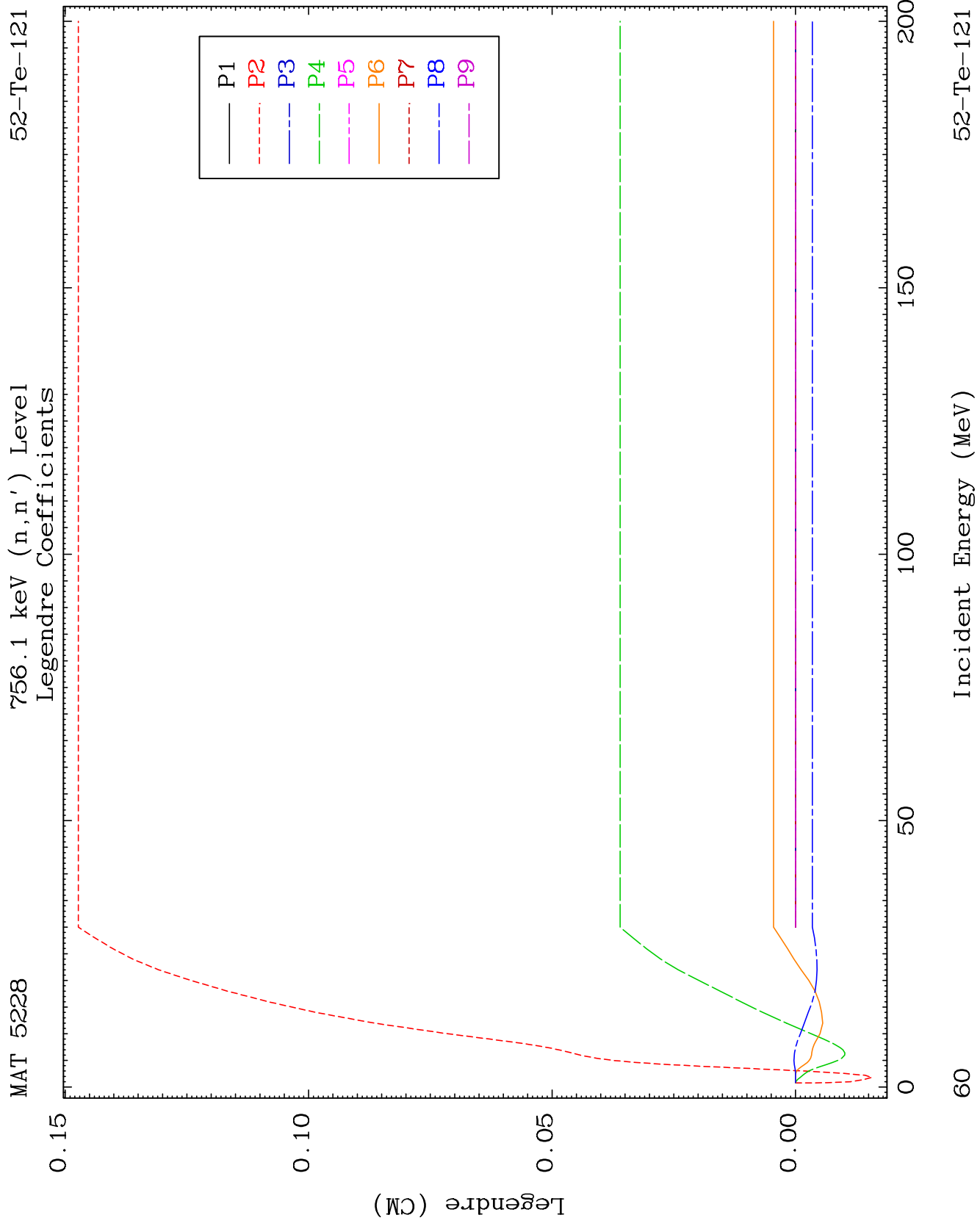


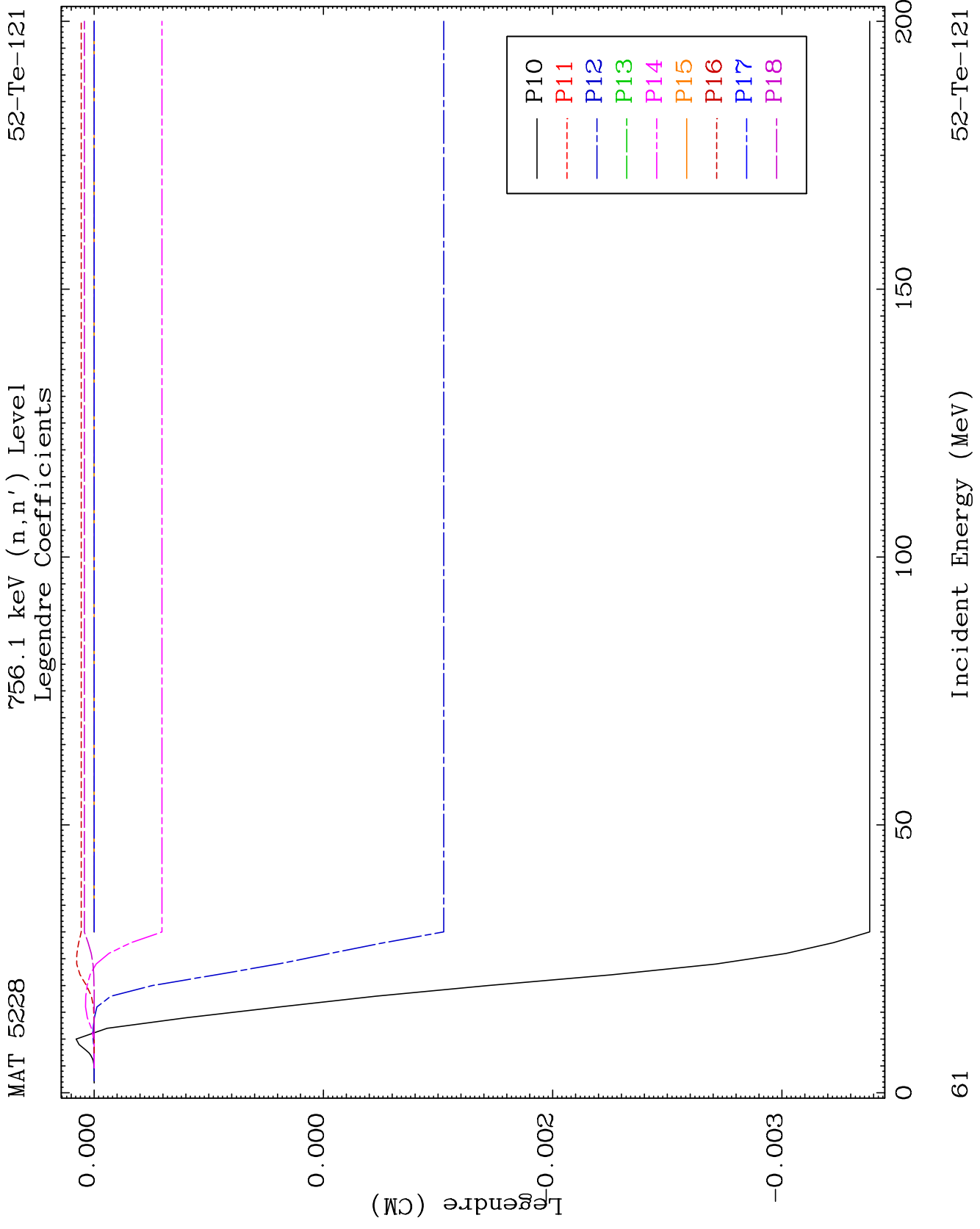
52-Te-121

Incident Energy (MeV)

58



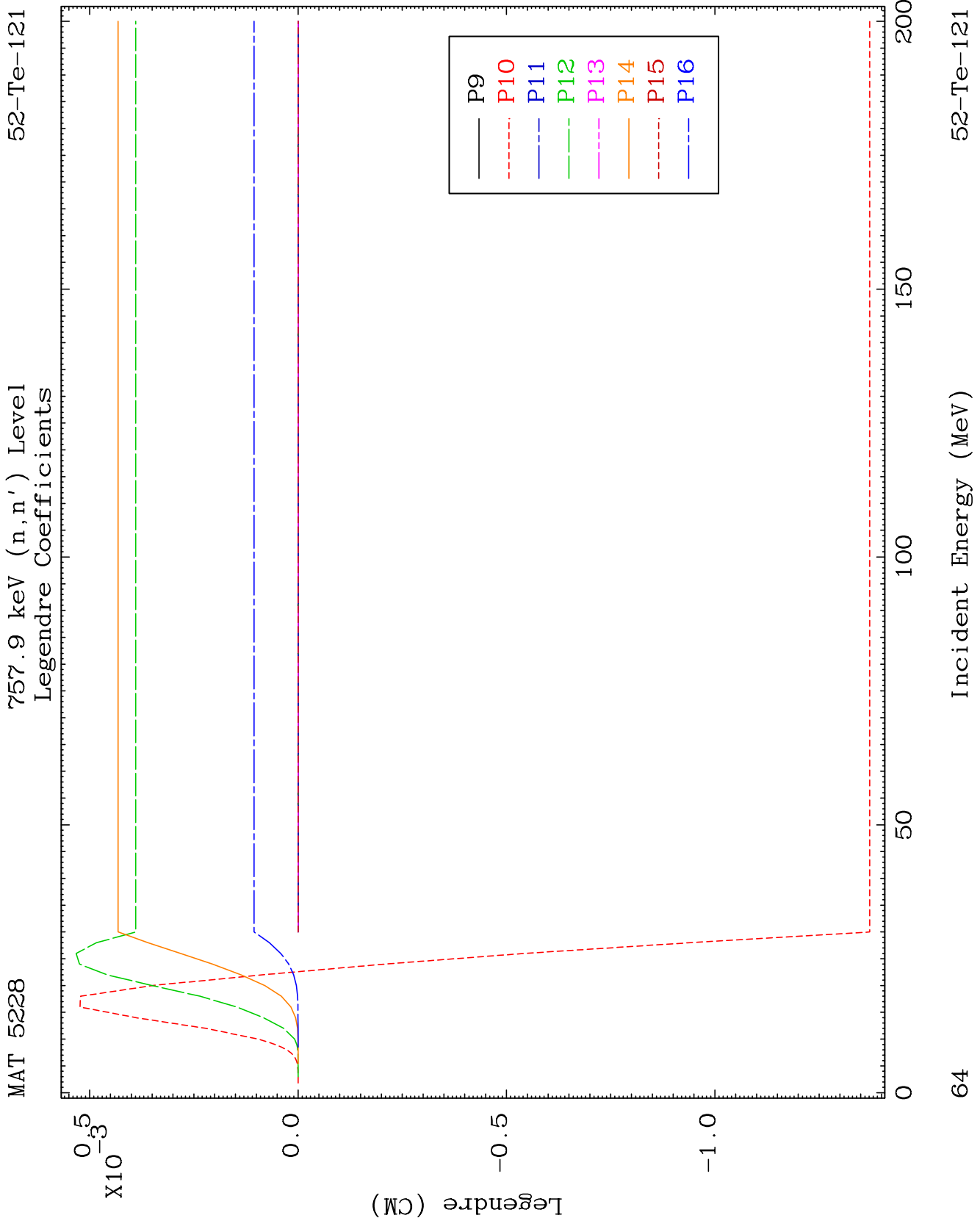




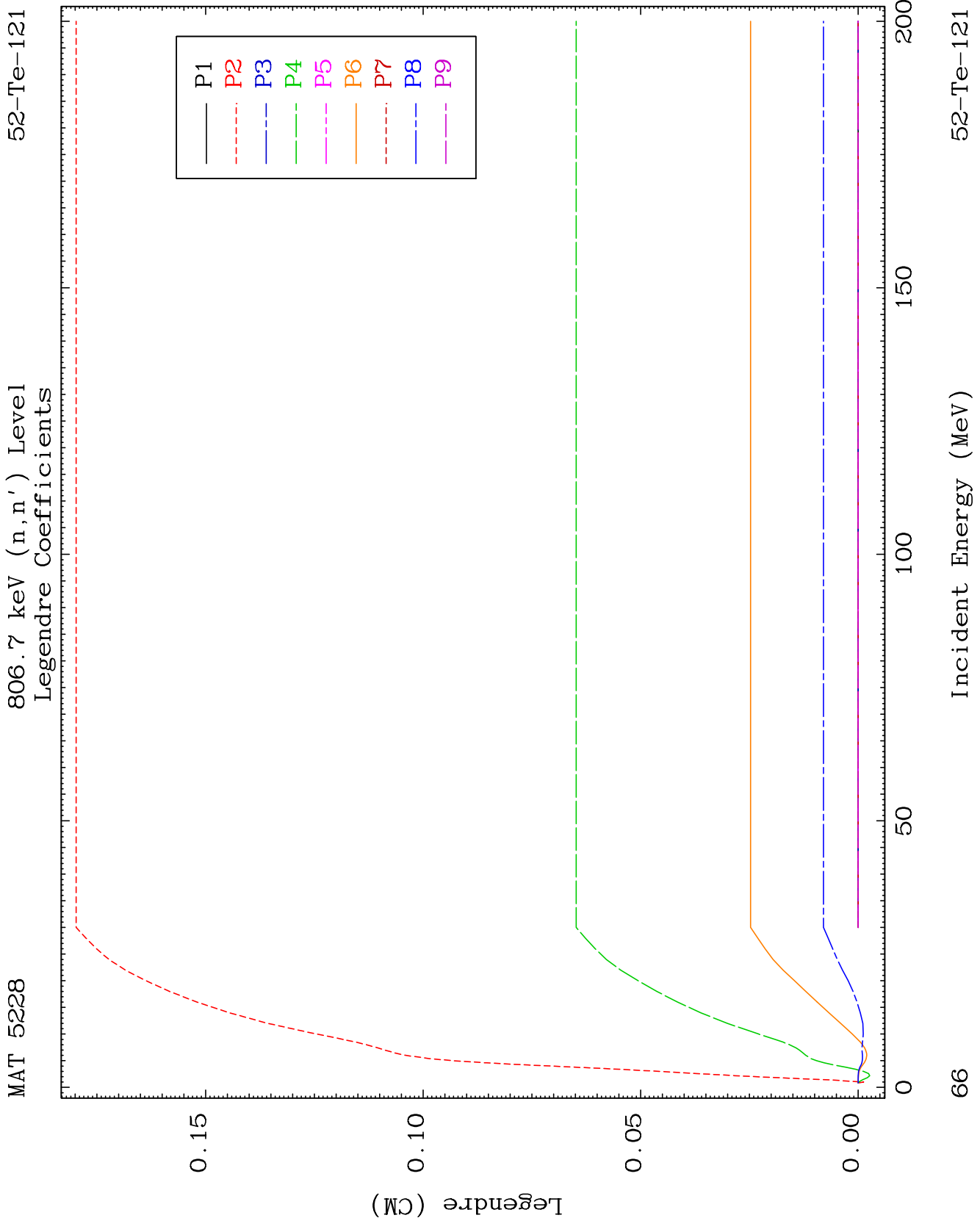








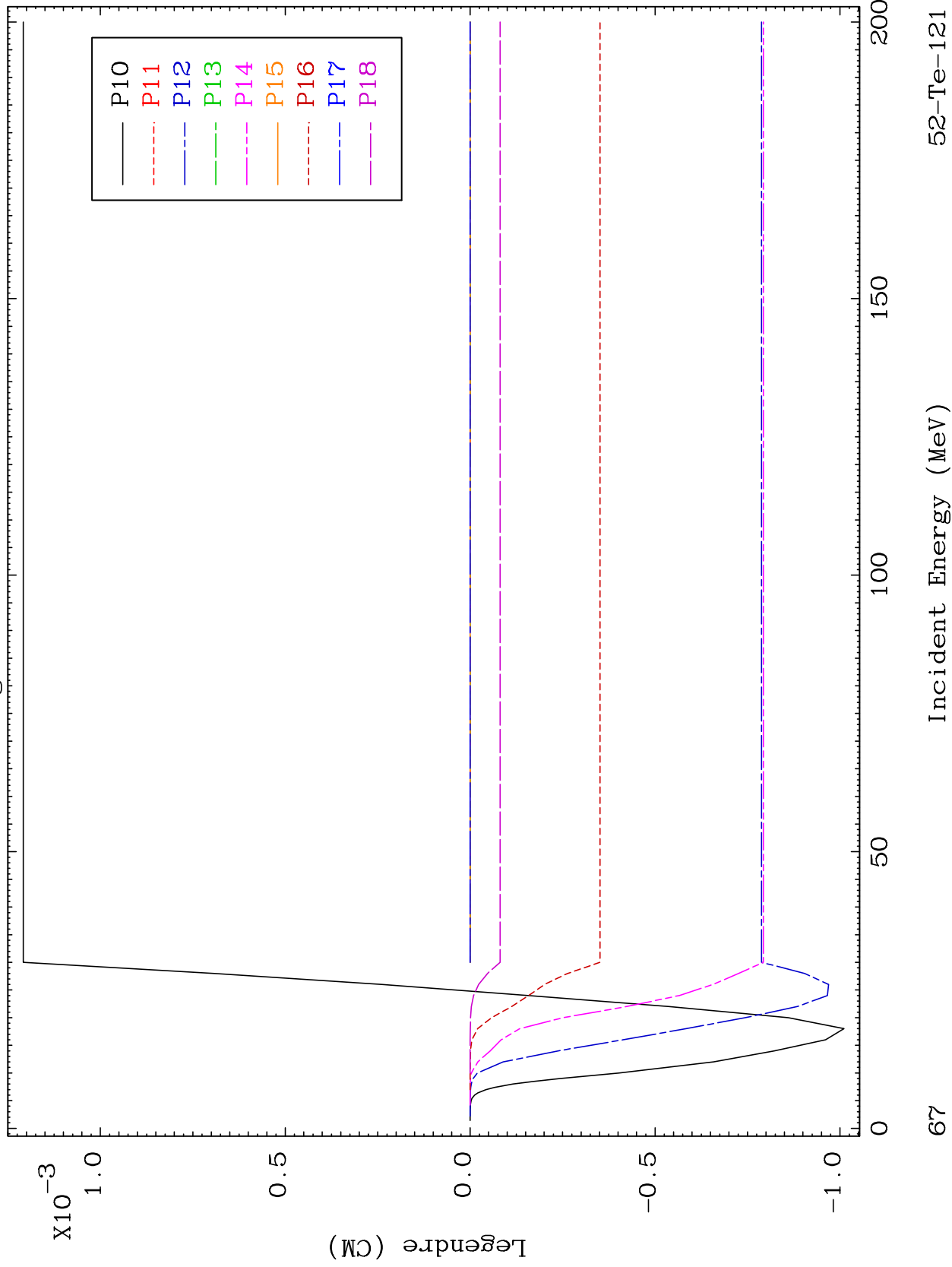


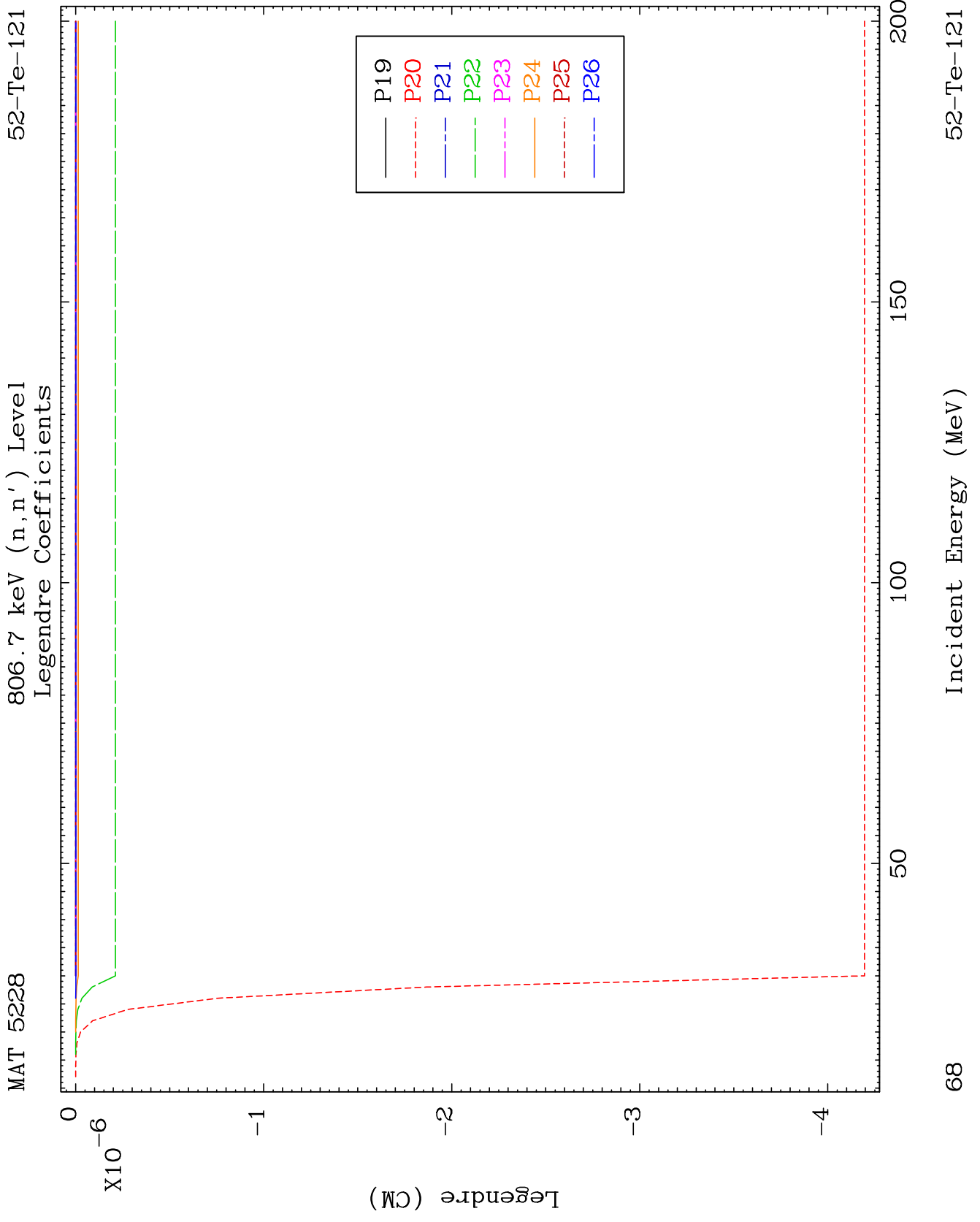


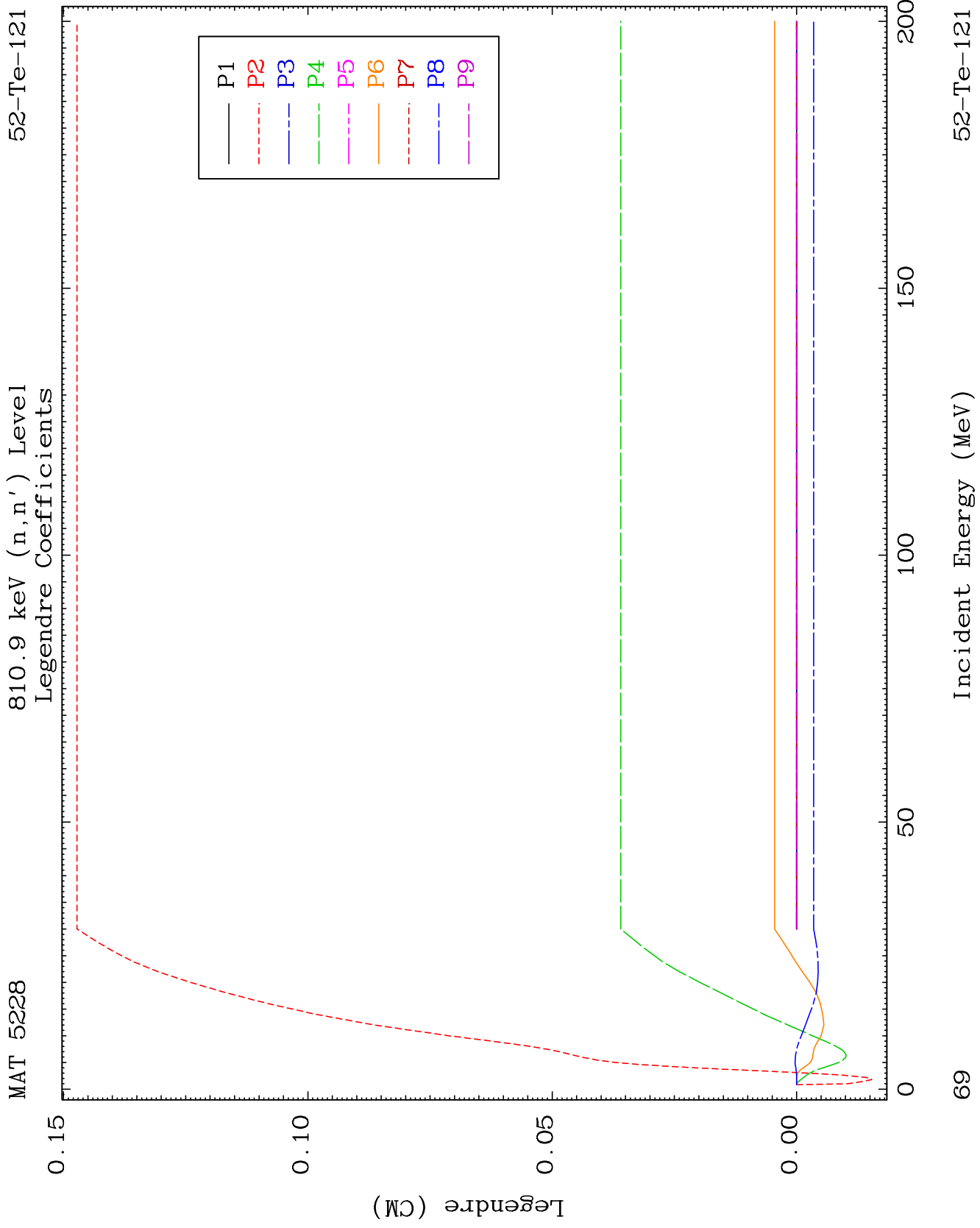
MAT 5228

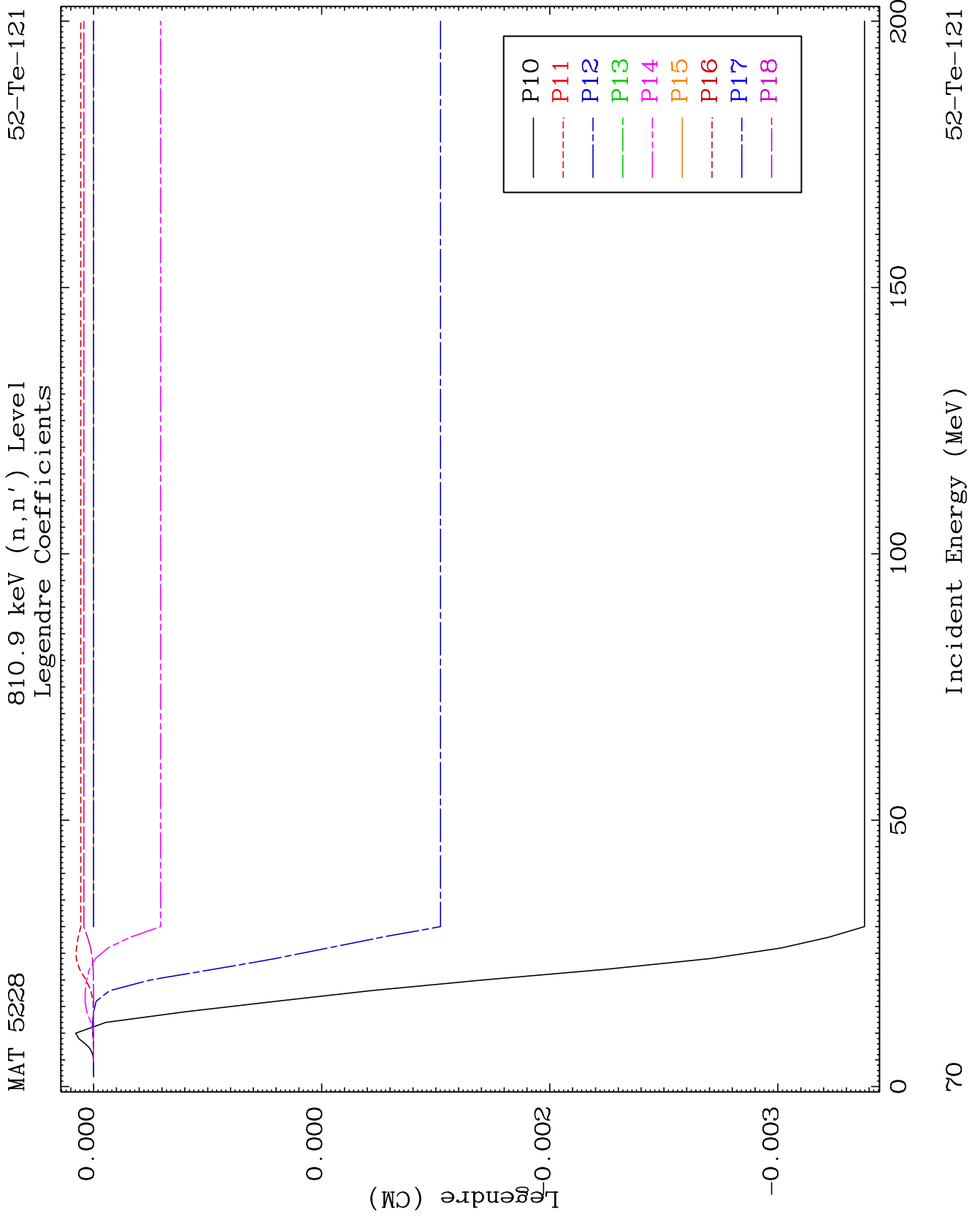
806.7 keV (n,n') Level  
Legendre Coefficients

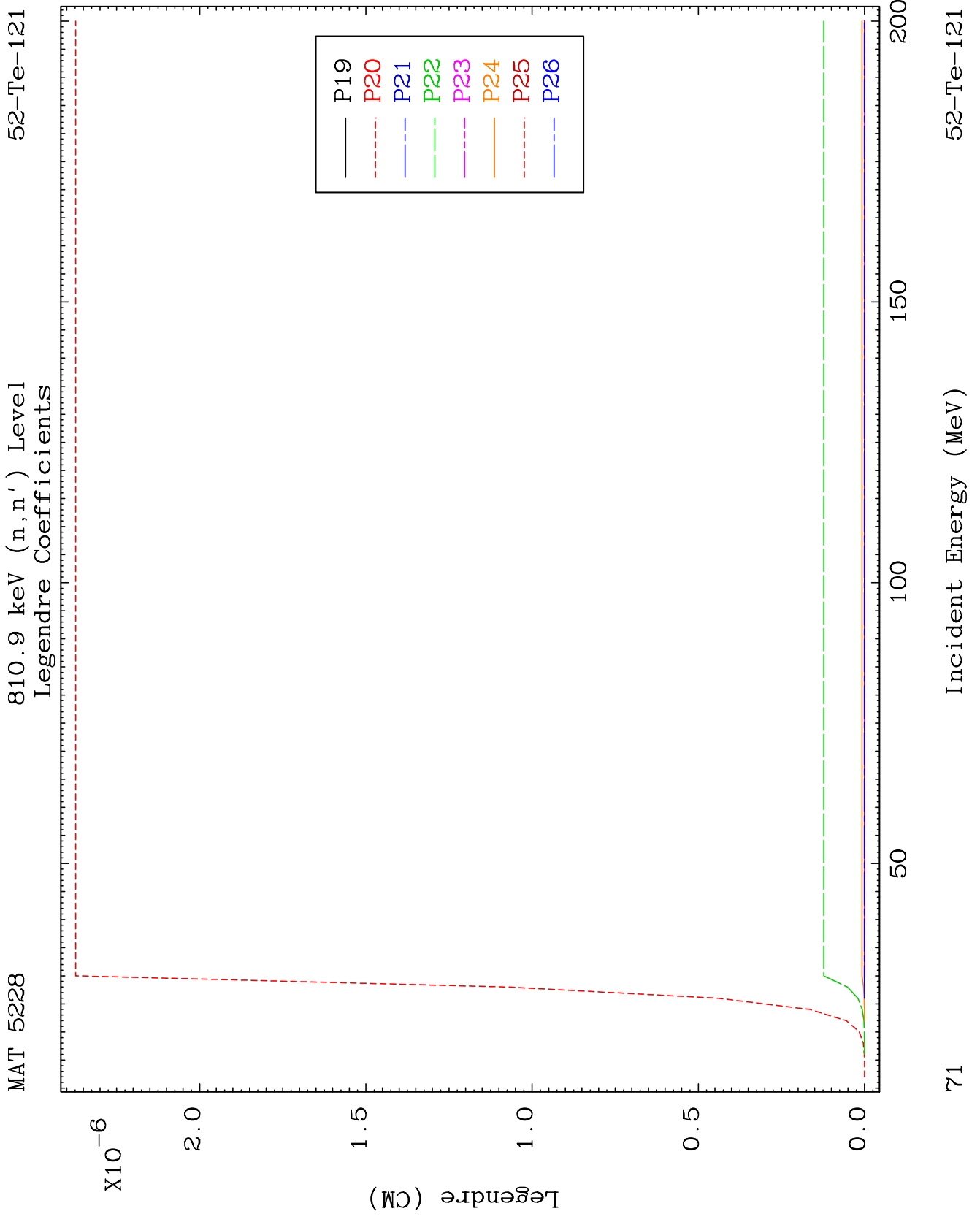
52-Te-121



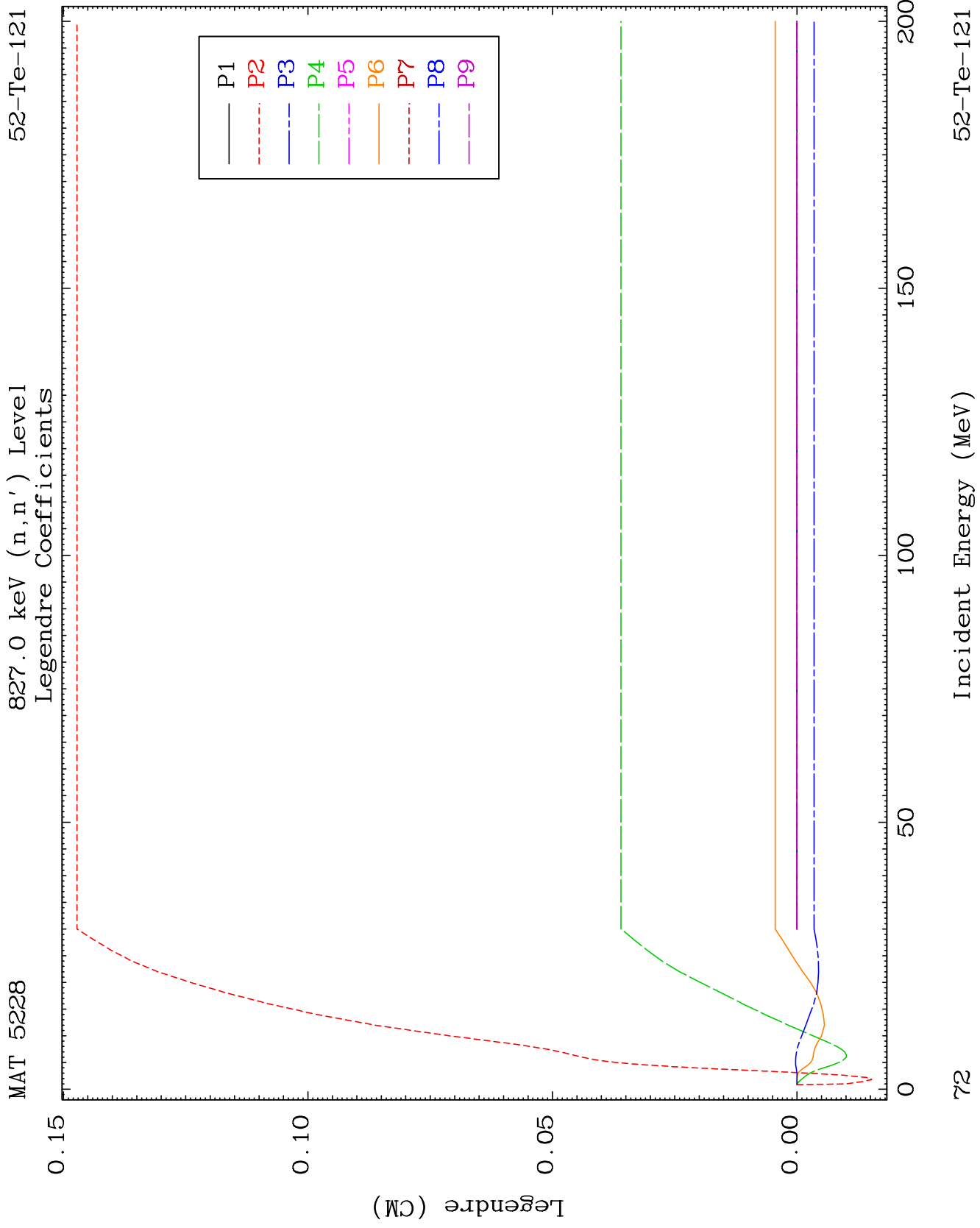














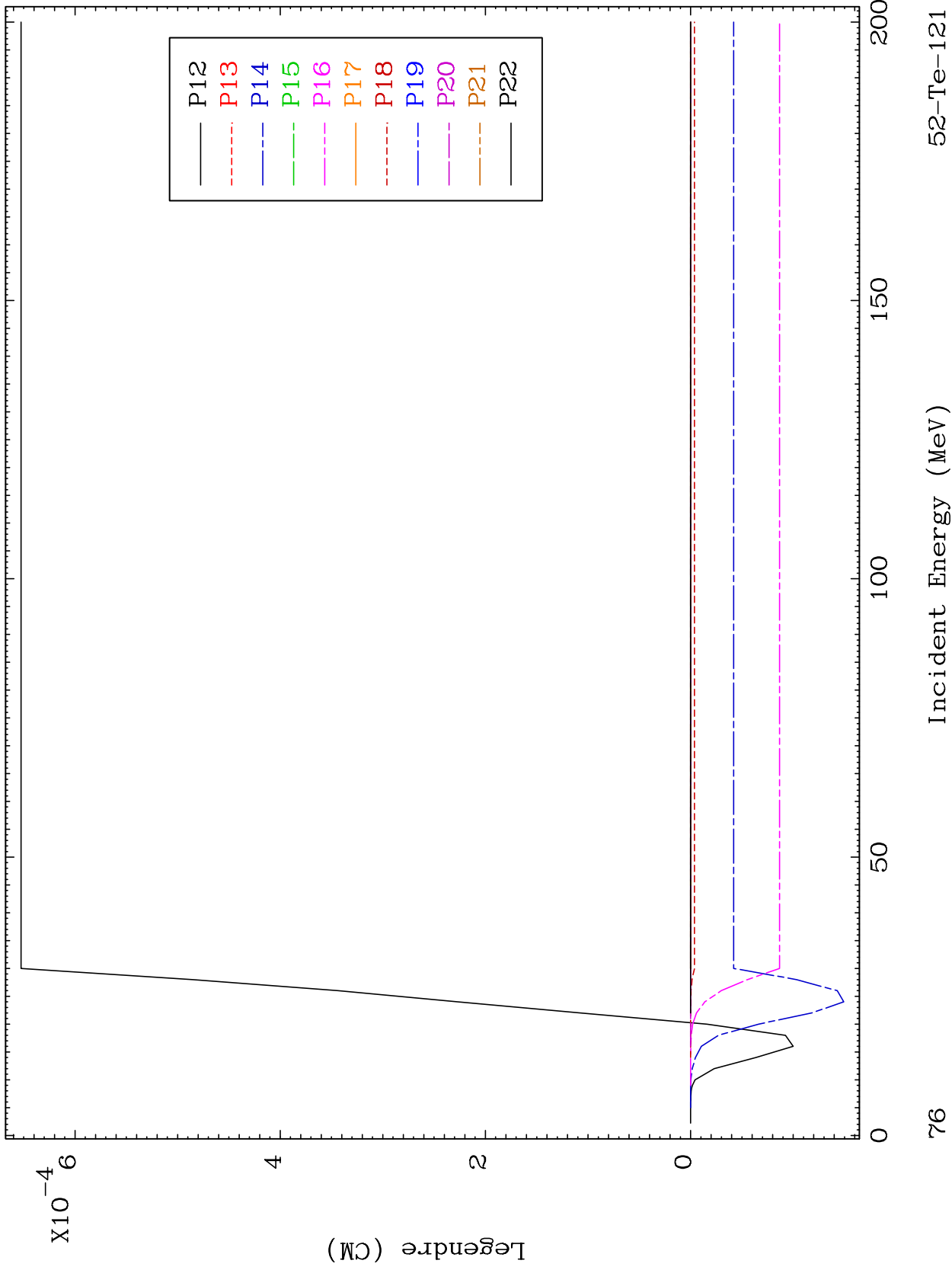




MAT 5228

830.5 keV (n,n') Level  
Legendre Coefficients

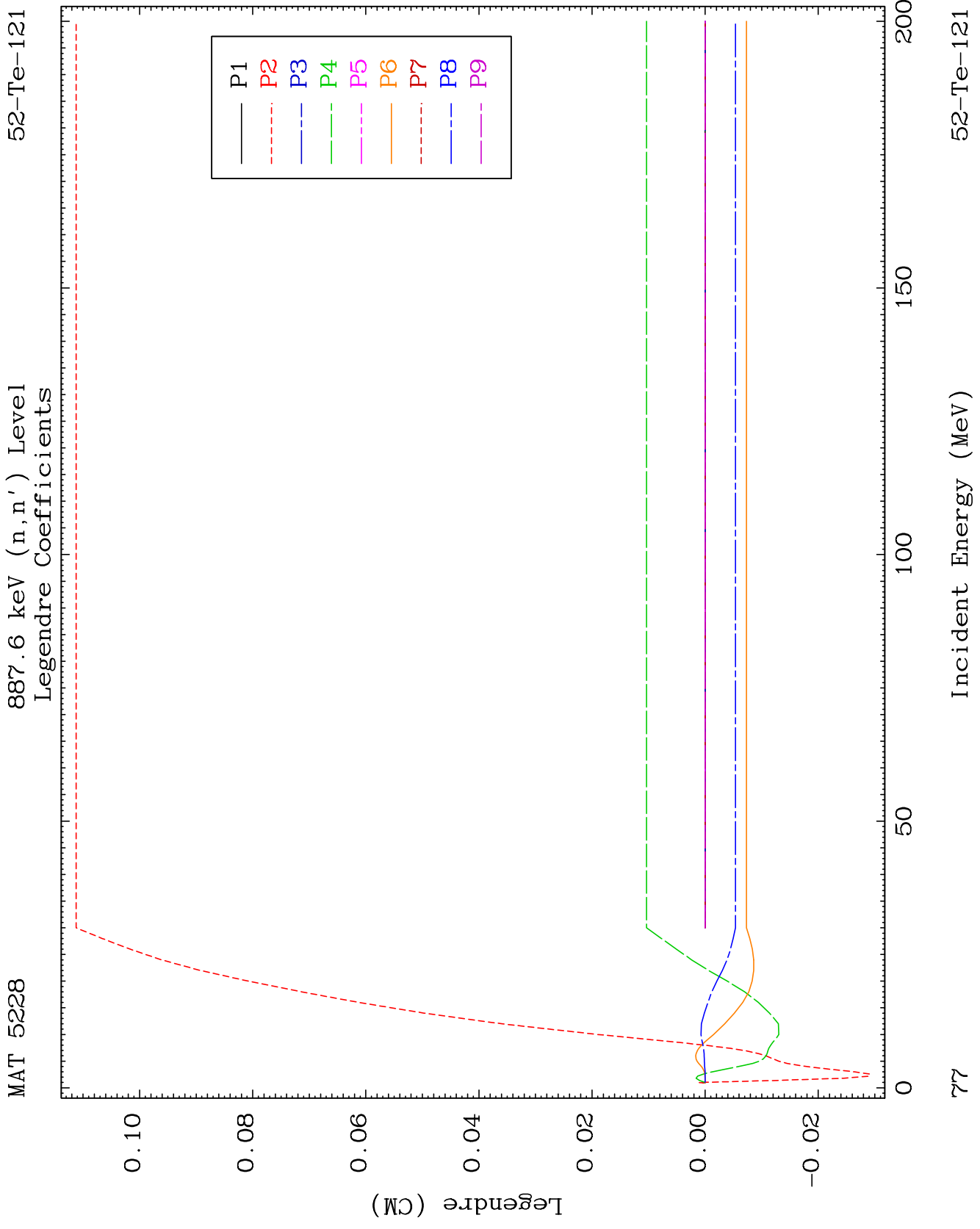
52-Te-121



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Incident Energy (MeV)

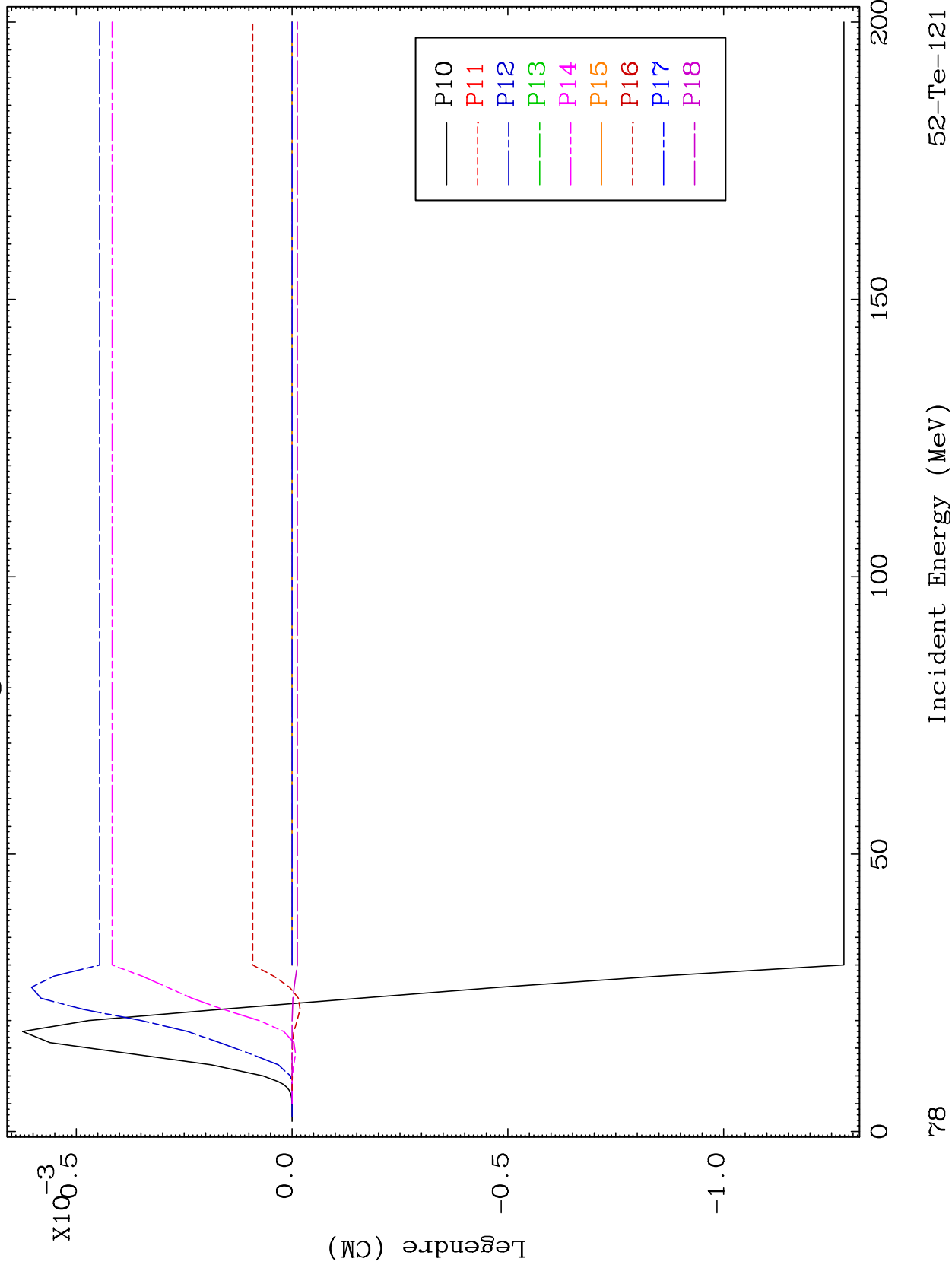
52-Te-121



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887.6 keV (n,n') Level  
Legendre Coefficients

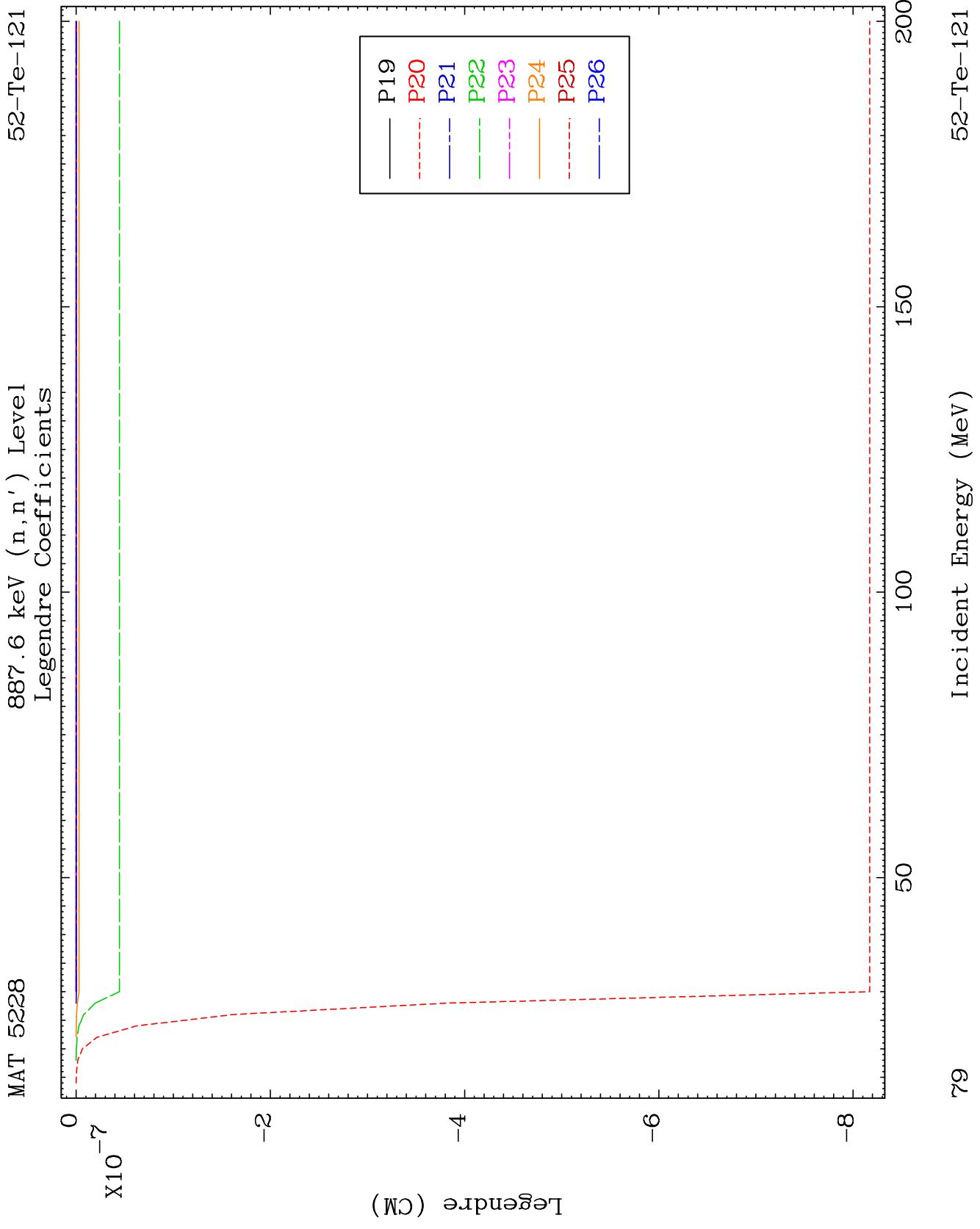
52-Te-121



52-Te-121

Incident Energy (MeV)

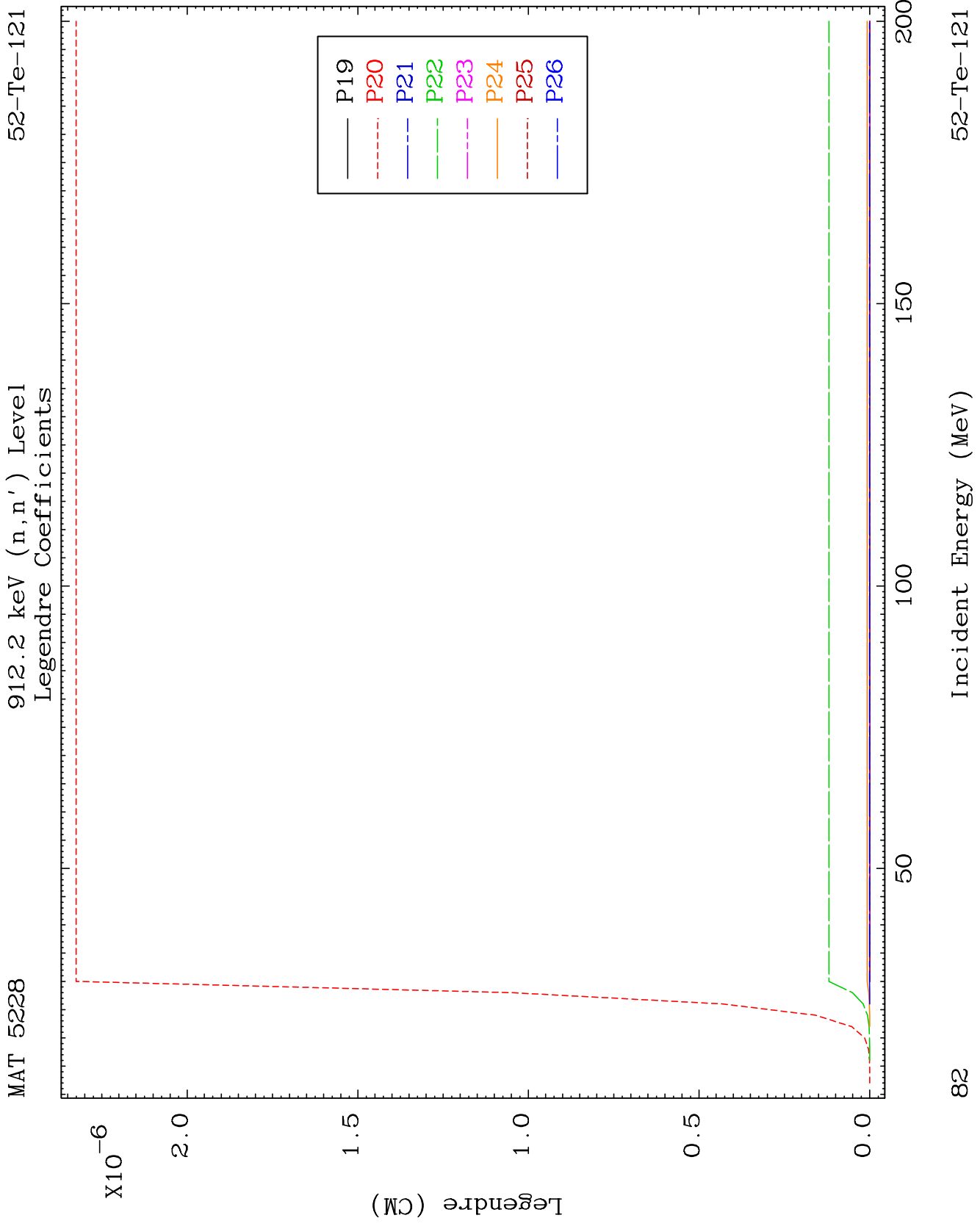
78

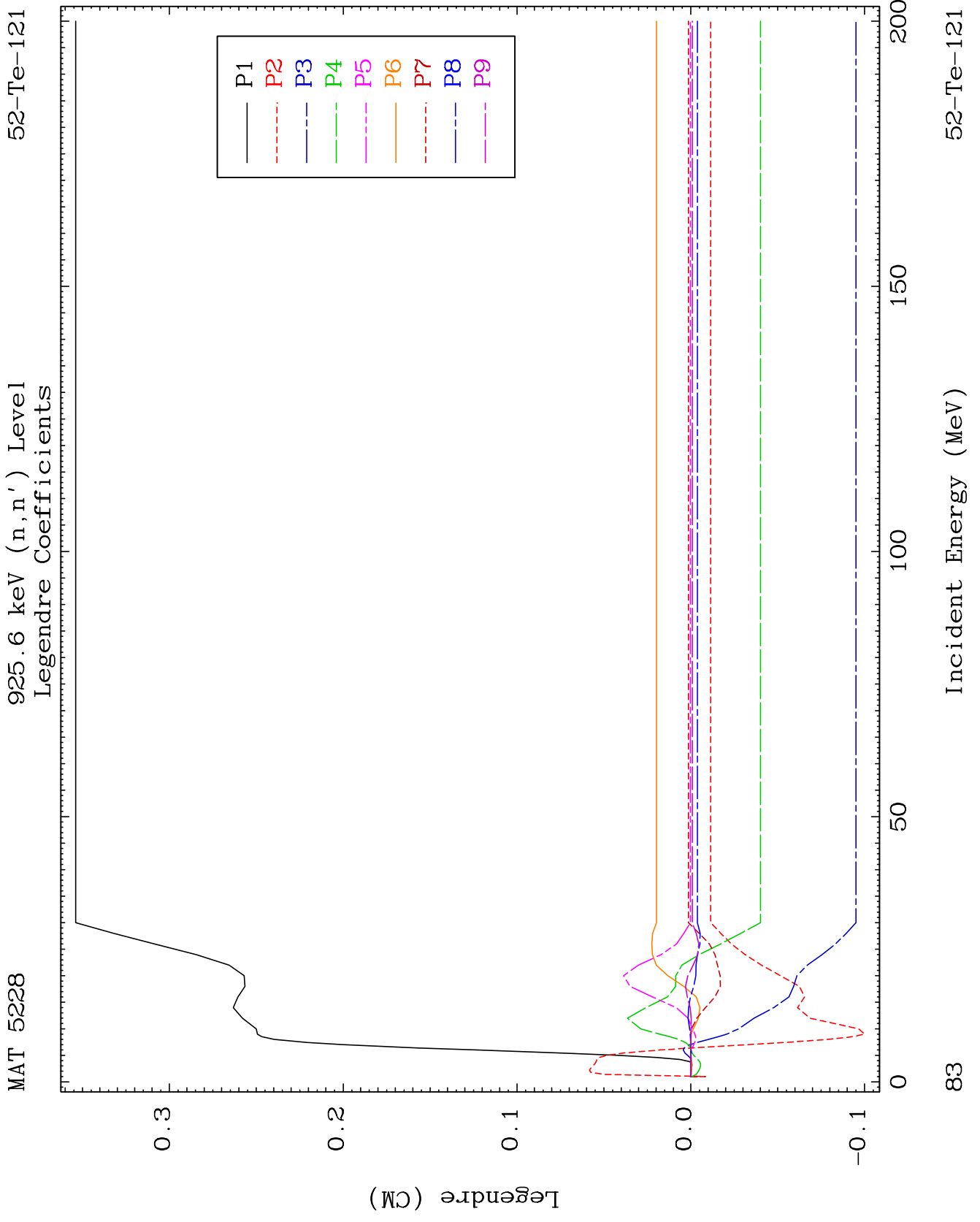








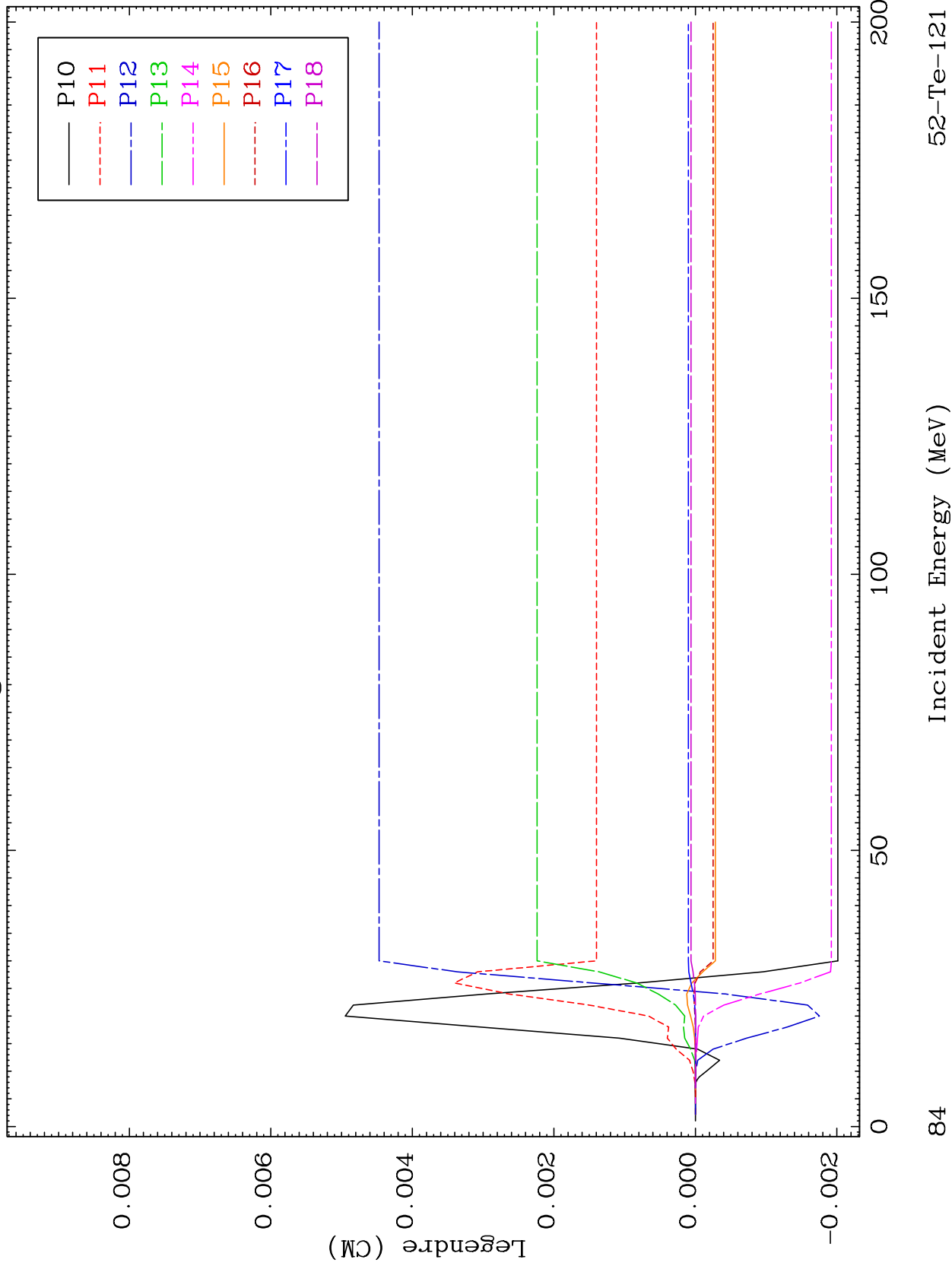




MAT 5228

925.6 keV (n,n') Level  
Legendre Coefficients

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84

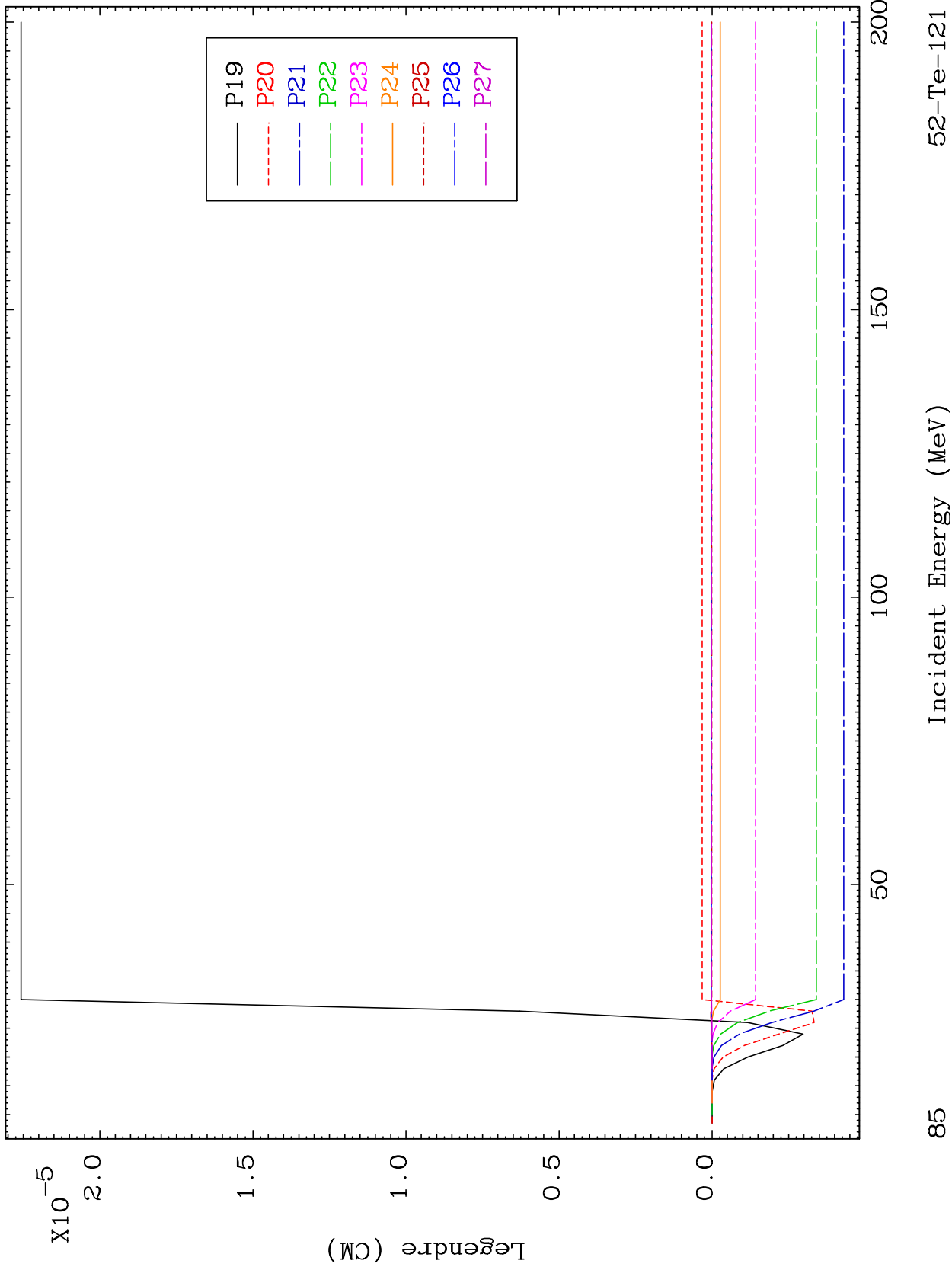
Incident Energy (MeV)

52-Te-121

MAT 5228

925.6 keV (n,n') Level  
Legendre Coefficients

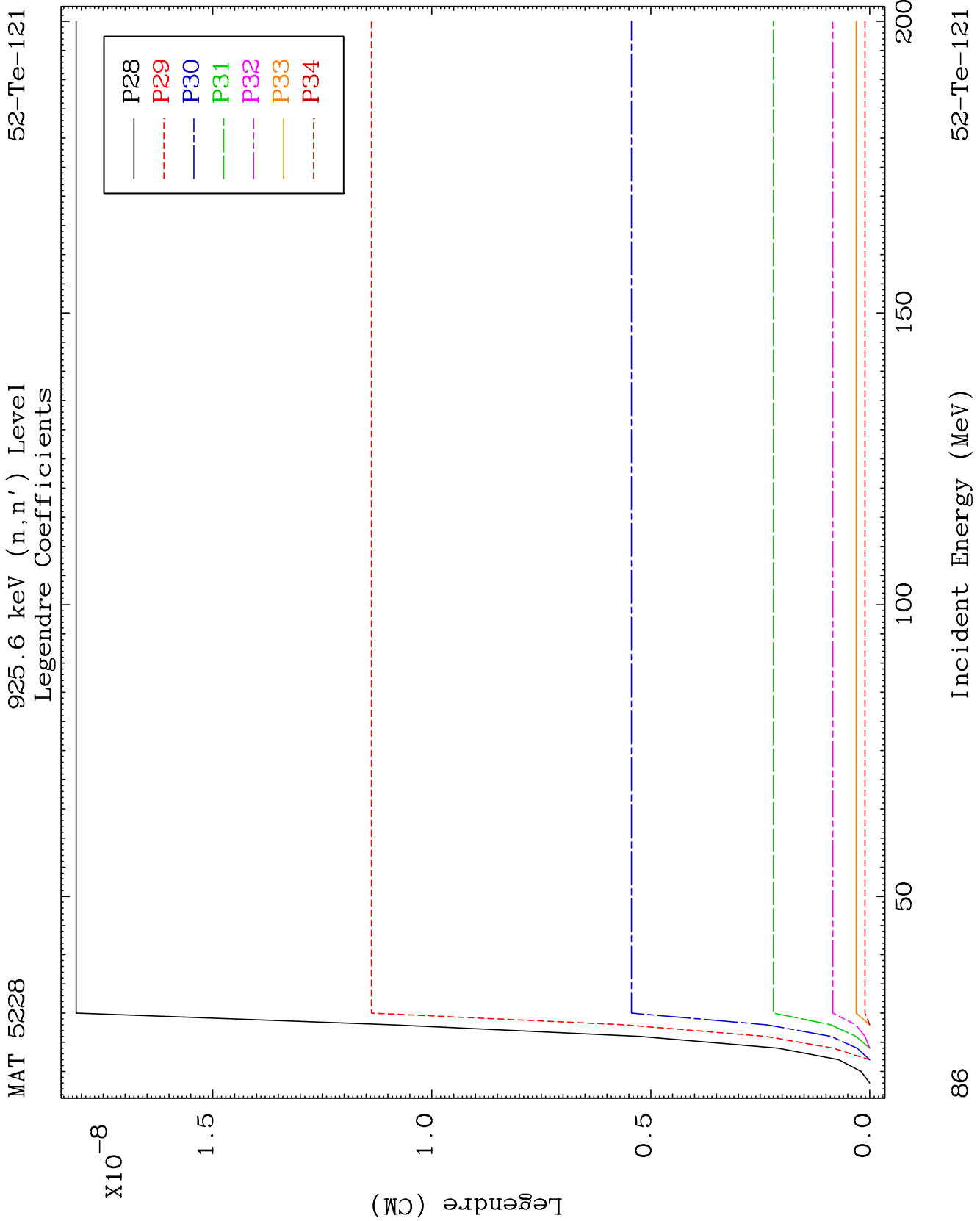
52-Te-121



85

Incident Energy (MeV)

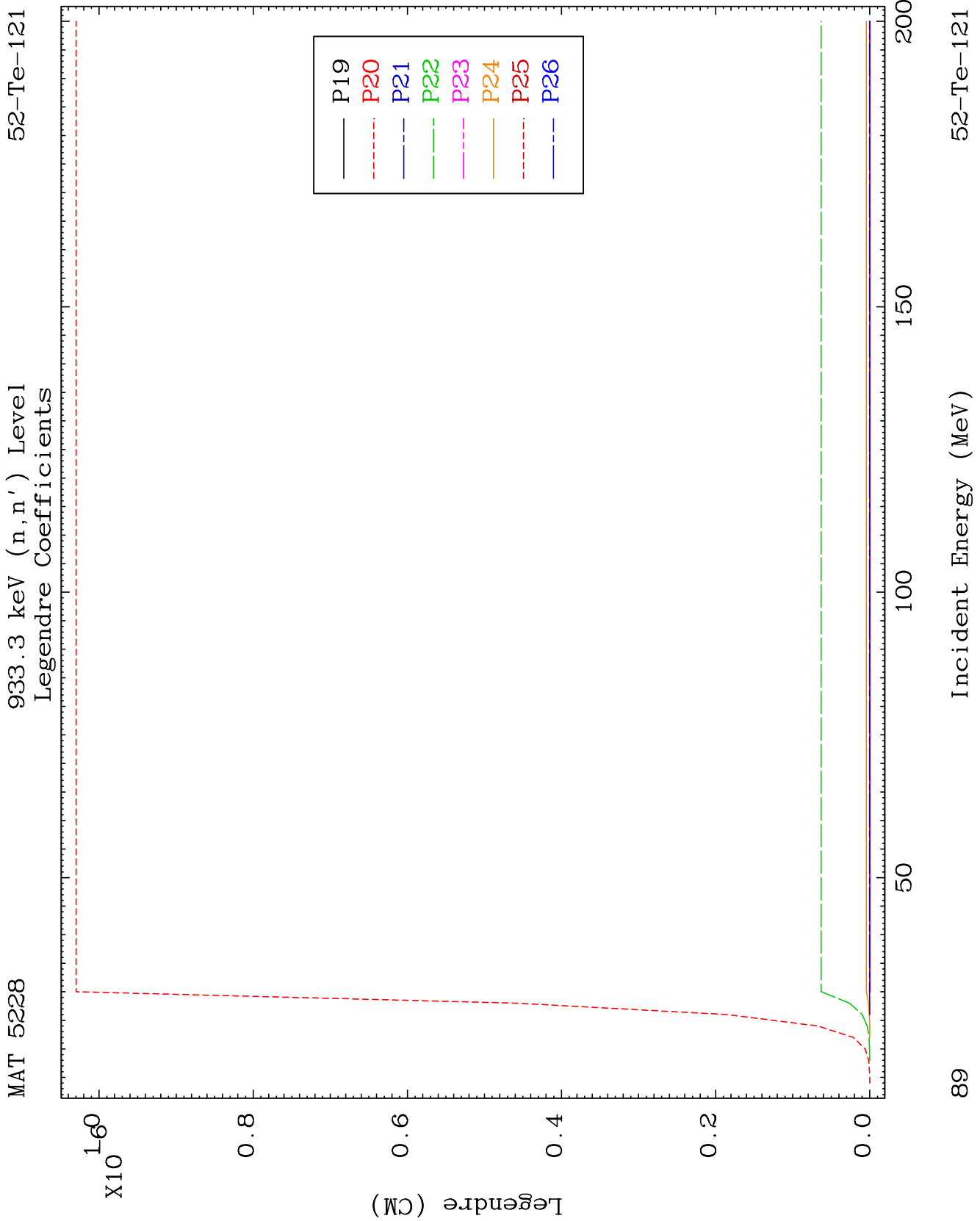
52-Te-121









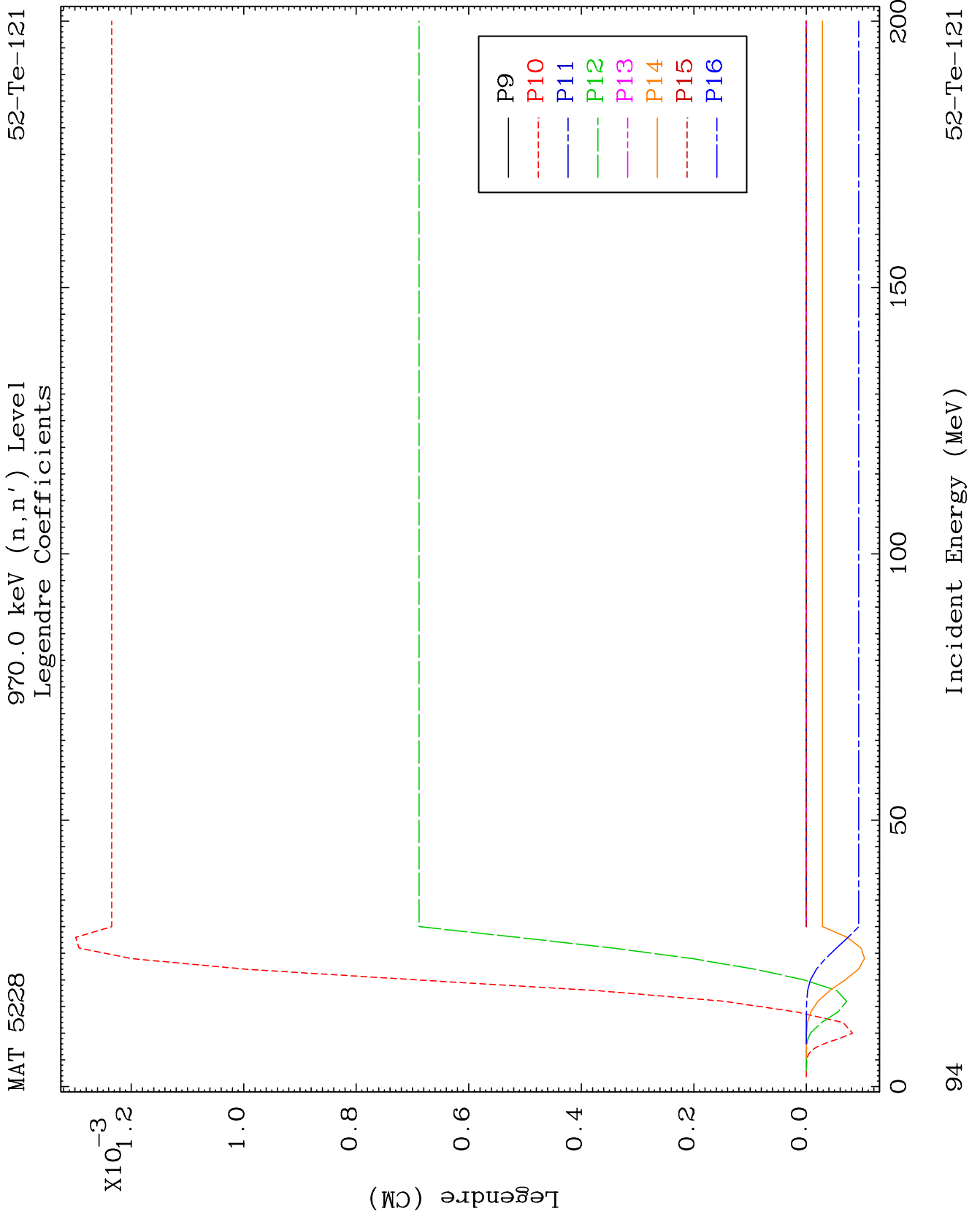














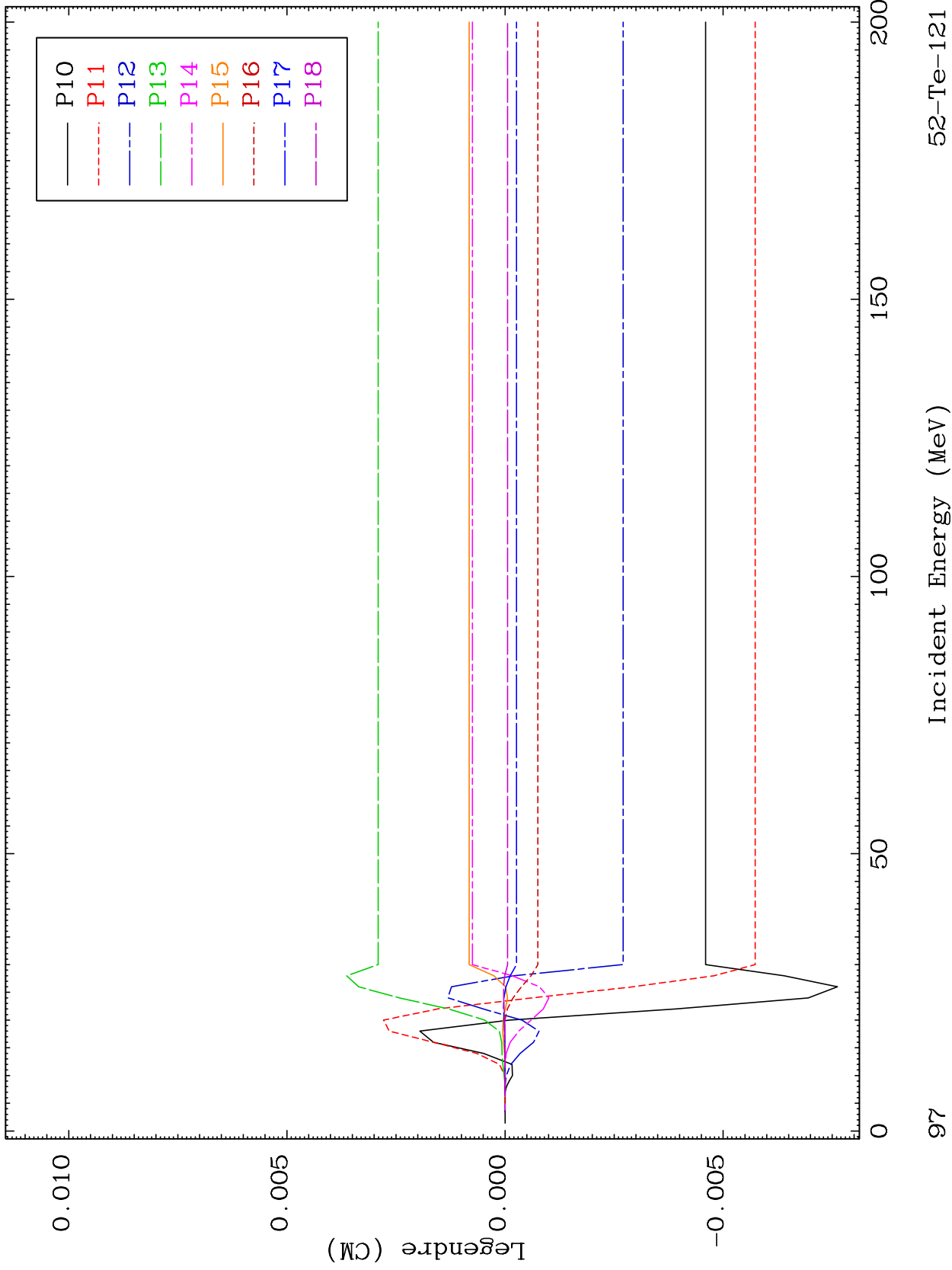




MAT 5228

975.3 keV (n,n') Level  
Legendre Coefficients

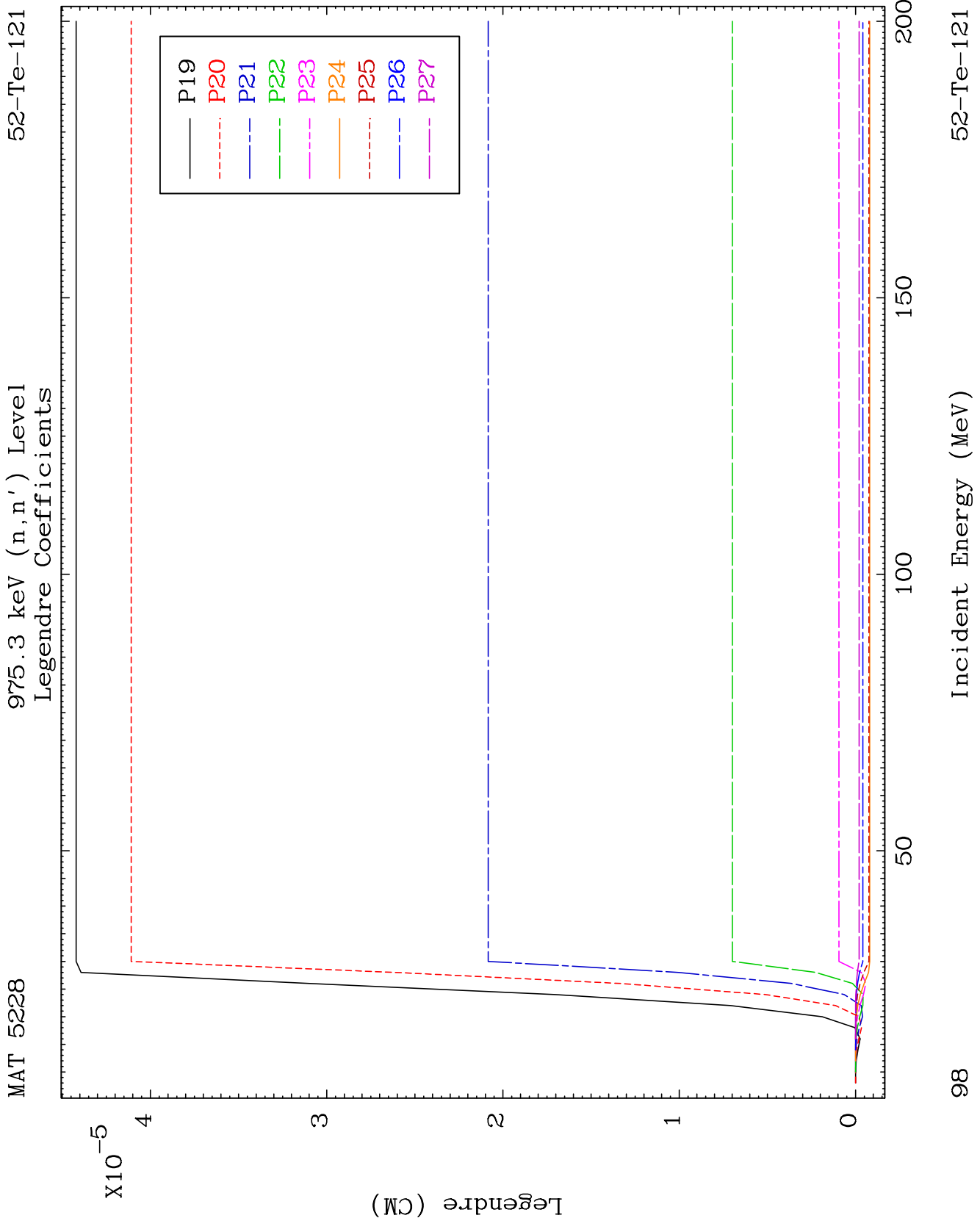
52-Te-121

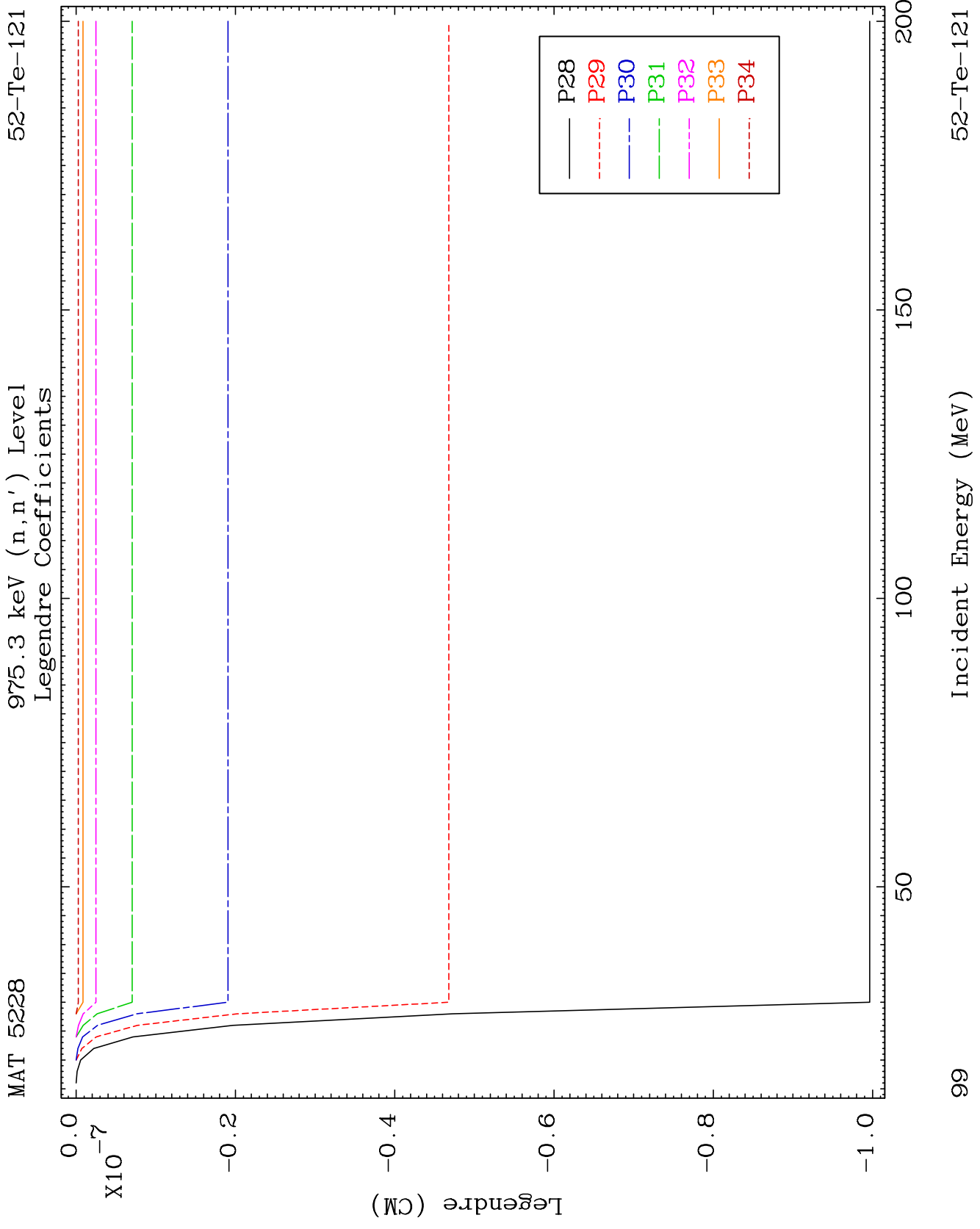


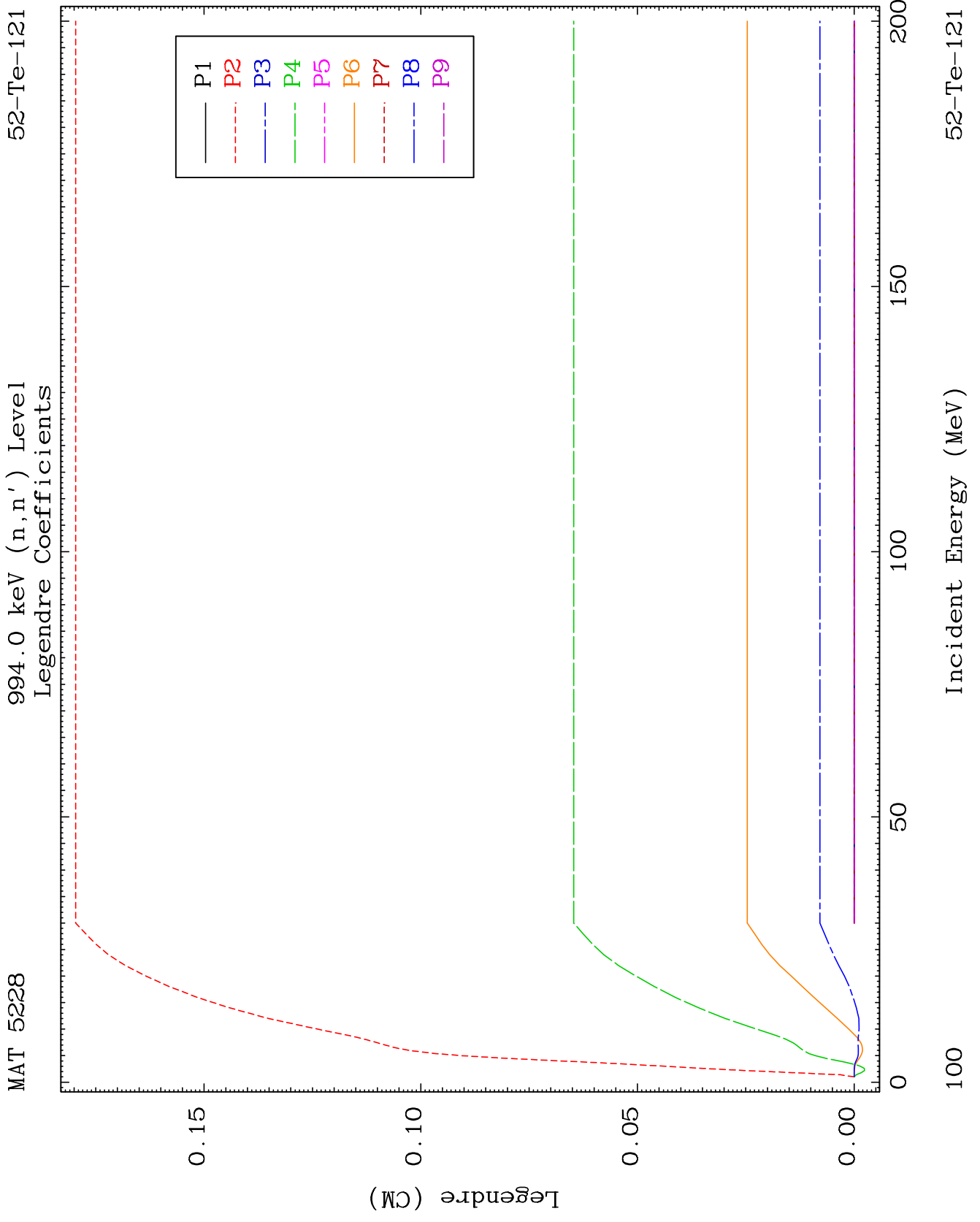
97

Incident Energy (MeV)

52-Te-121



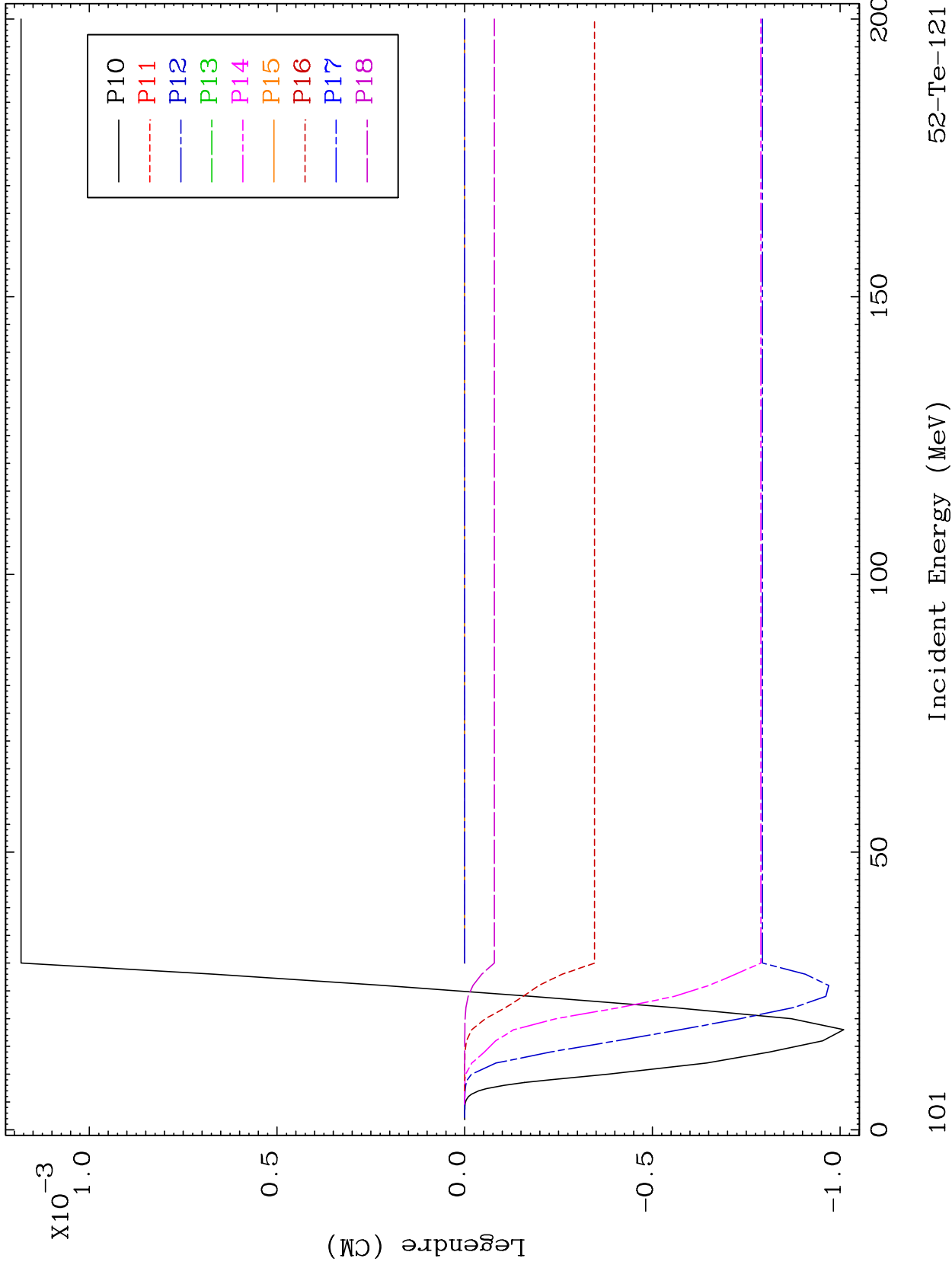


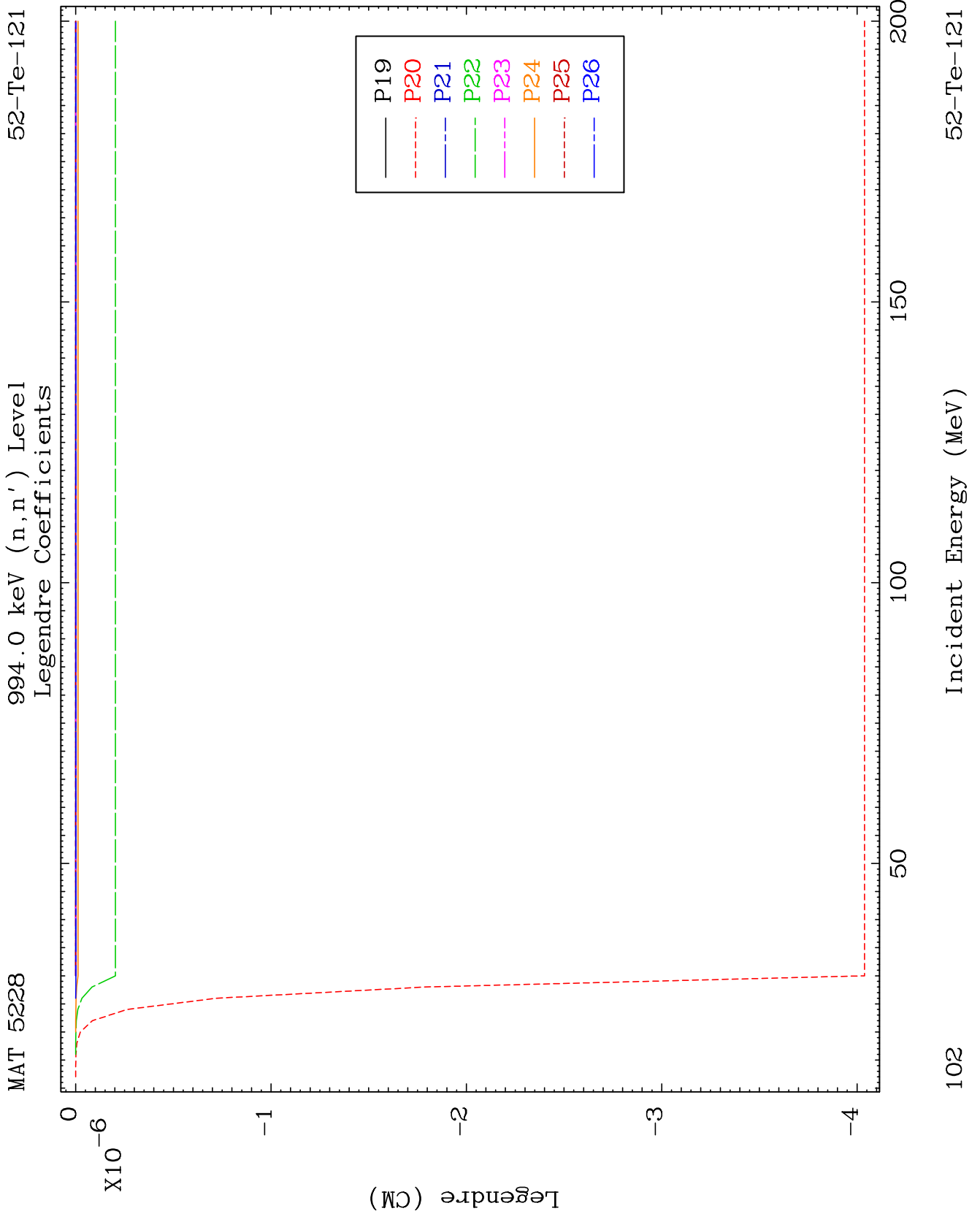


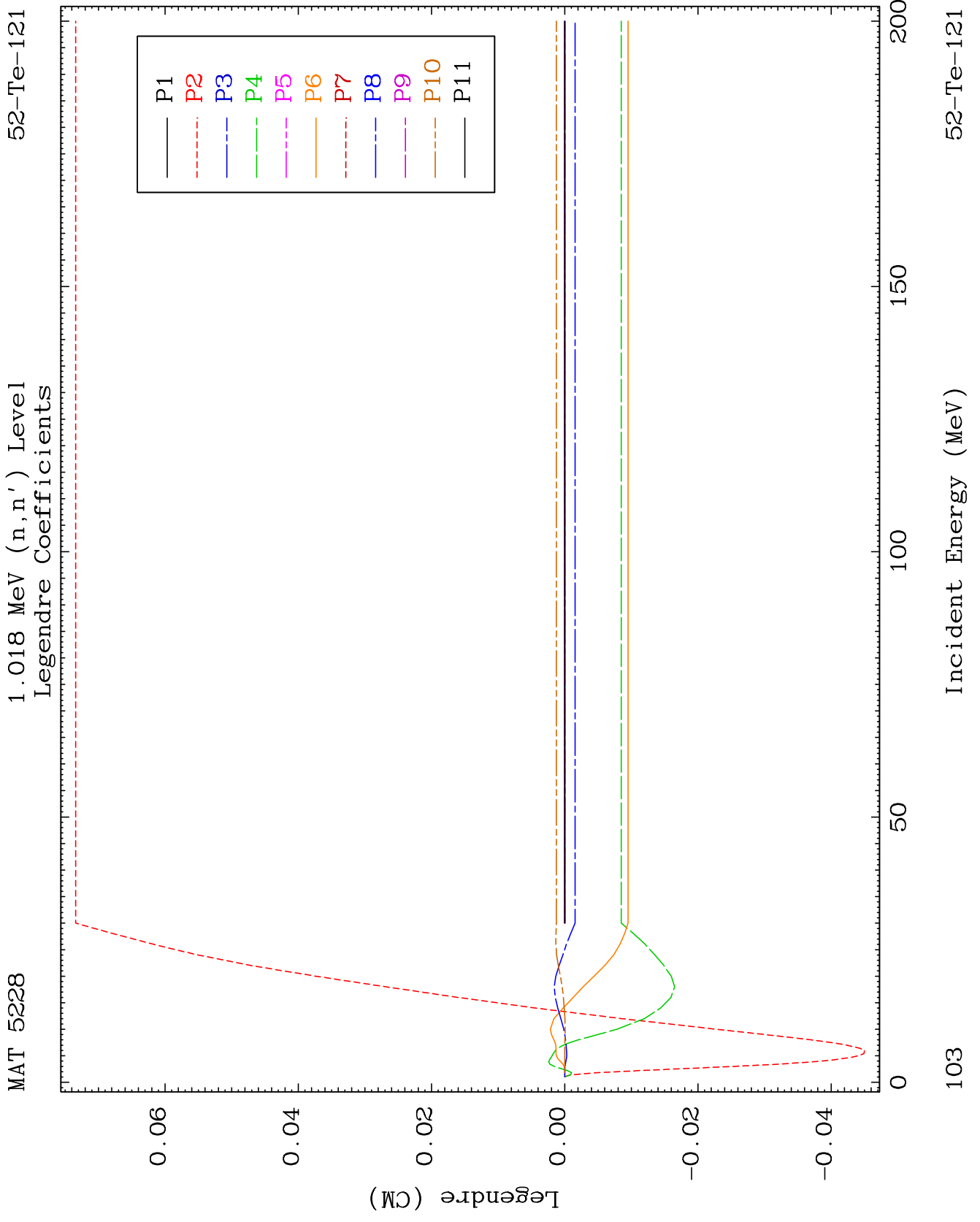
MAT 5228

994.0 keV (n,n') Level  
Legendre Coefficients

52-Te-121





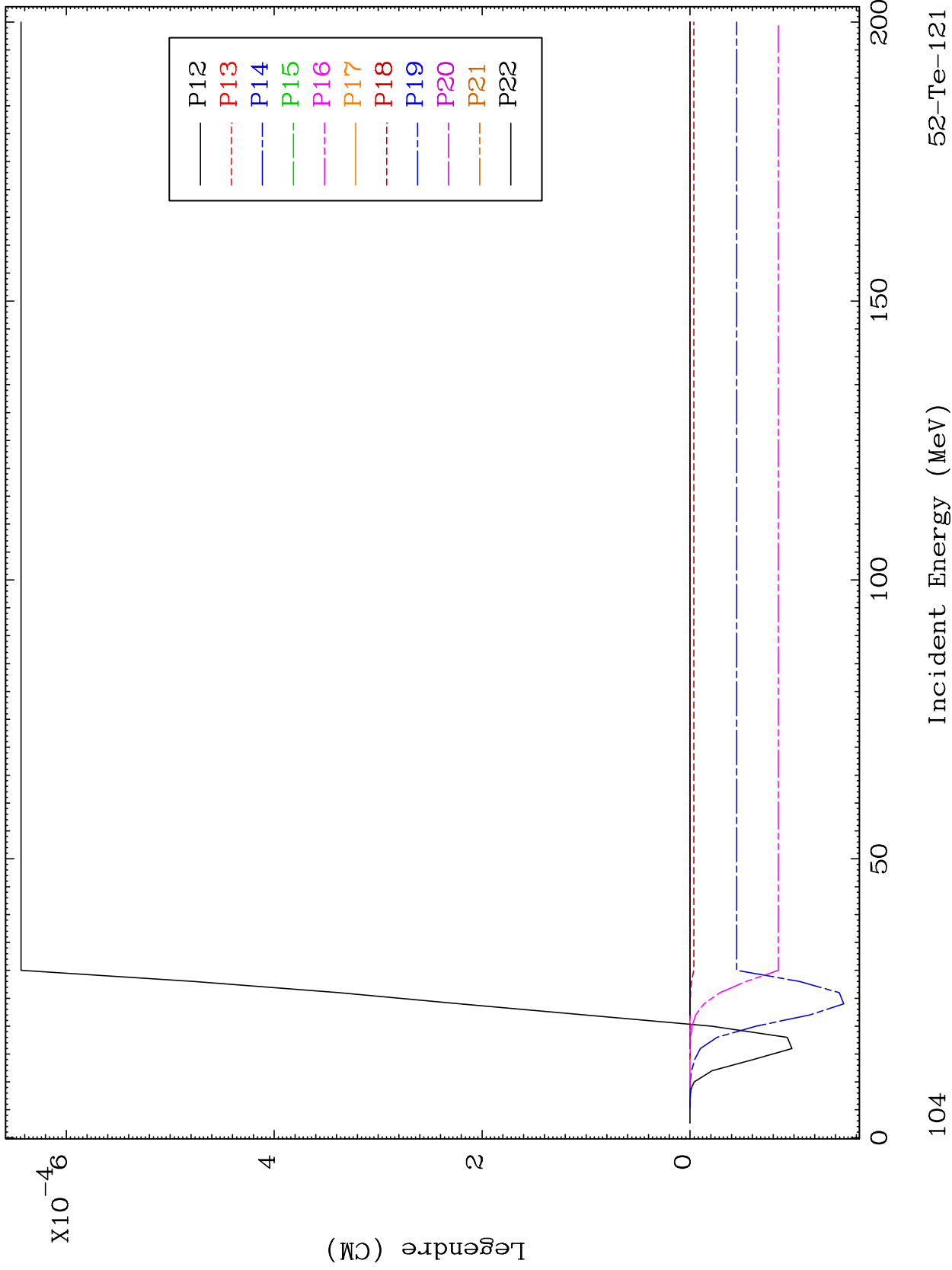




MAT 5228

1.018 MeV (n,n') Level  
Legendre Coefficients

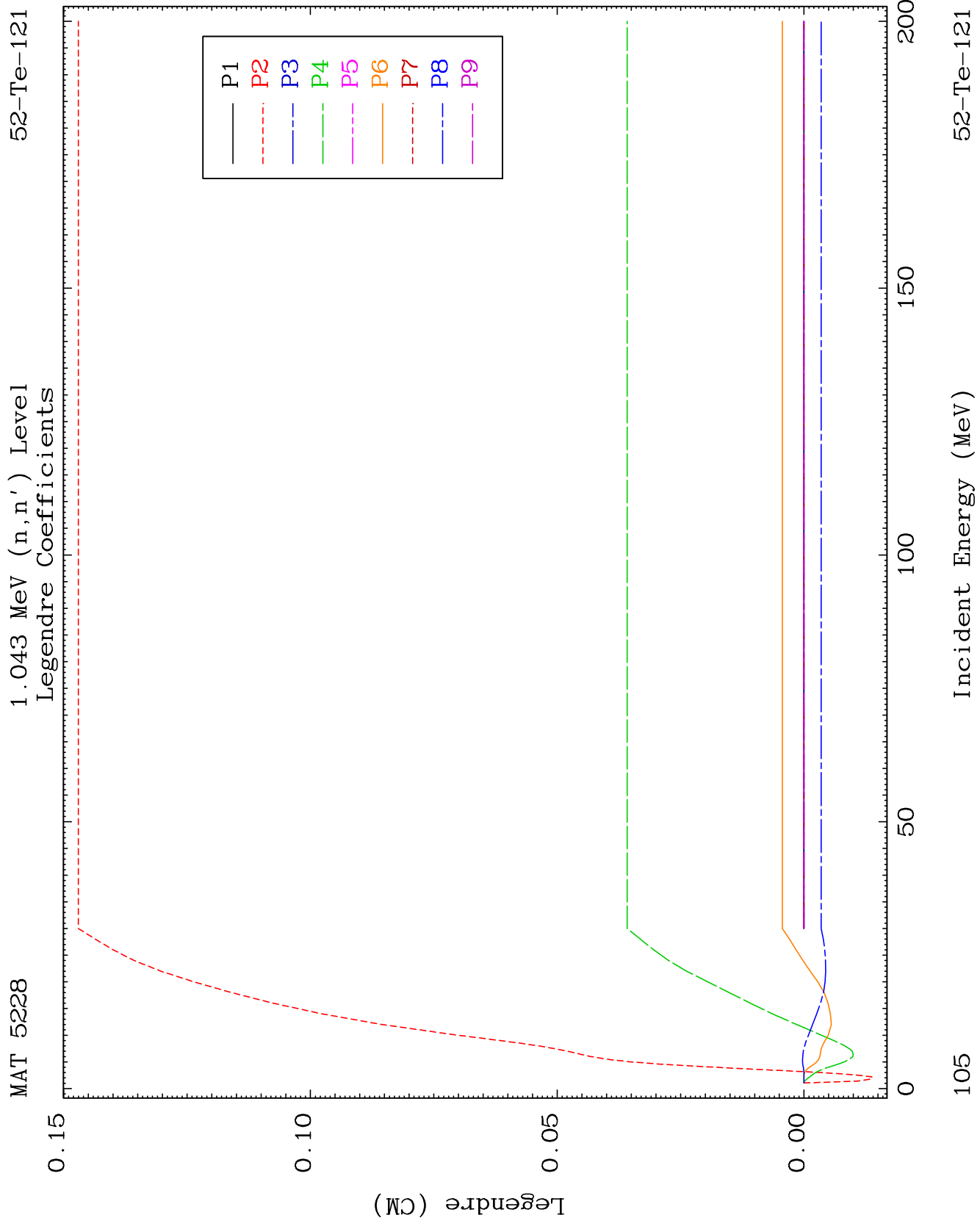
52-Te-121

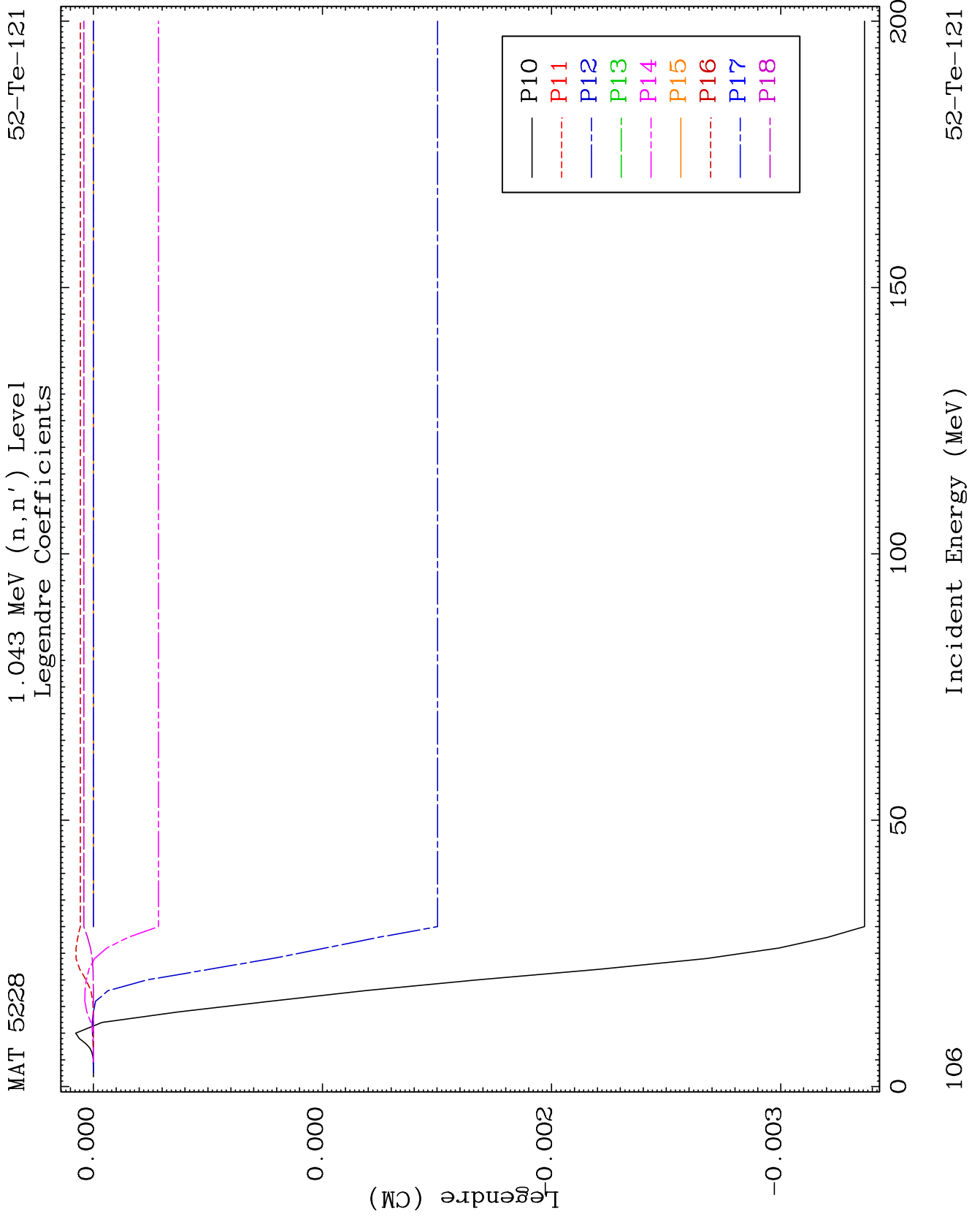


104

Incident Energy (MeV)

52-Te-121

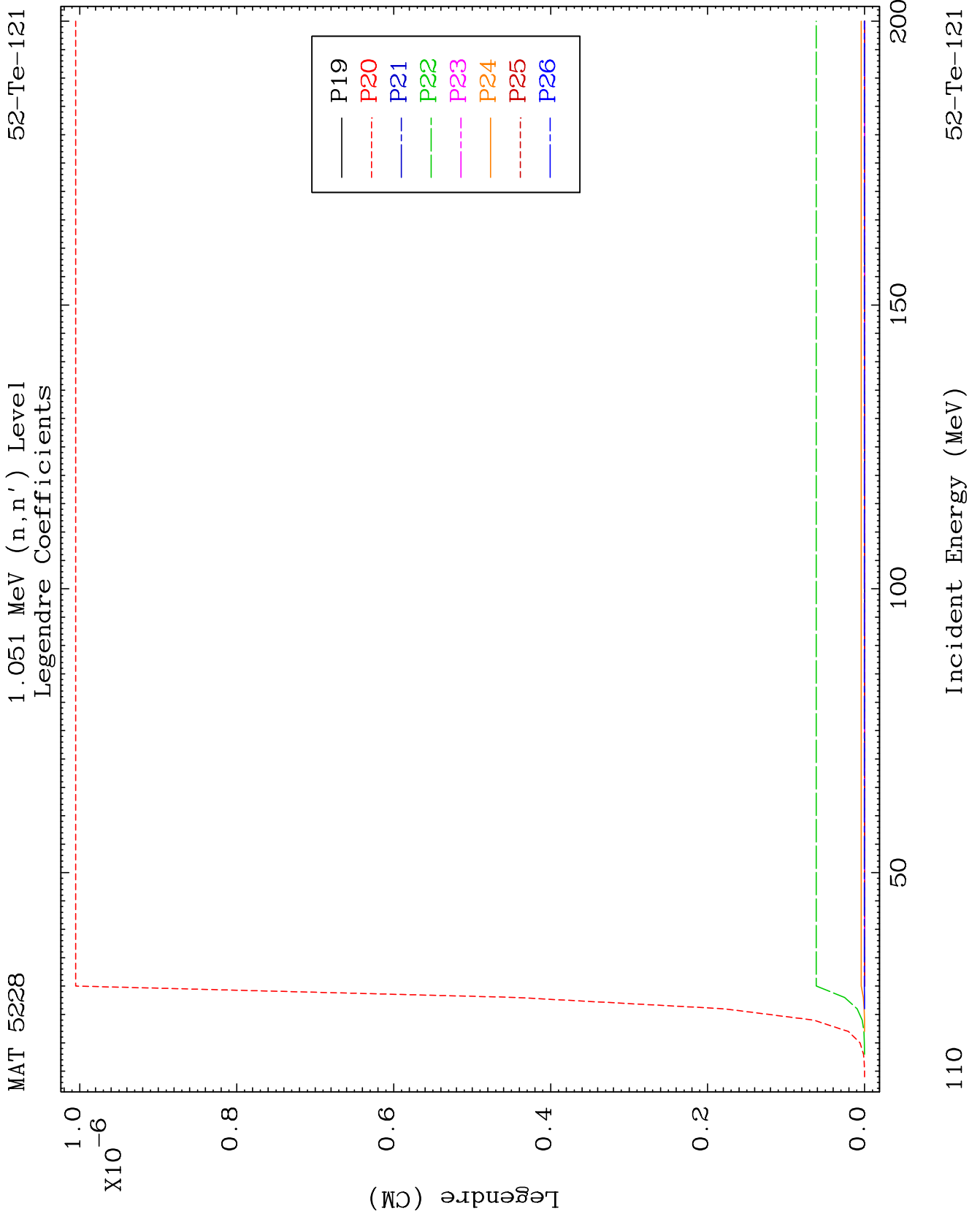




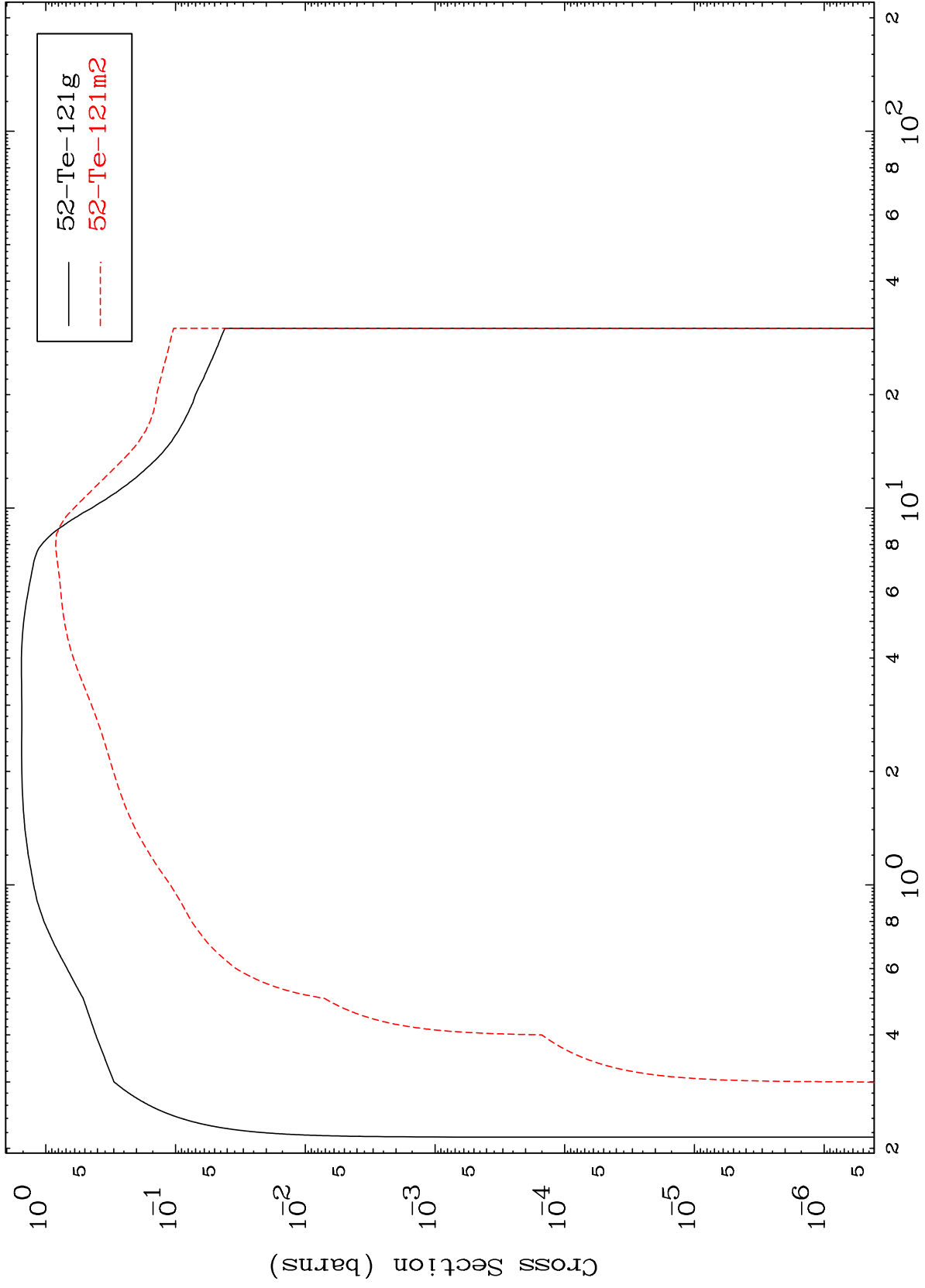






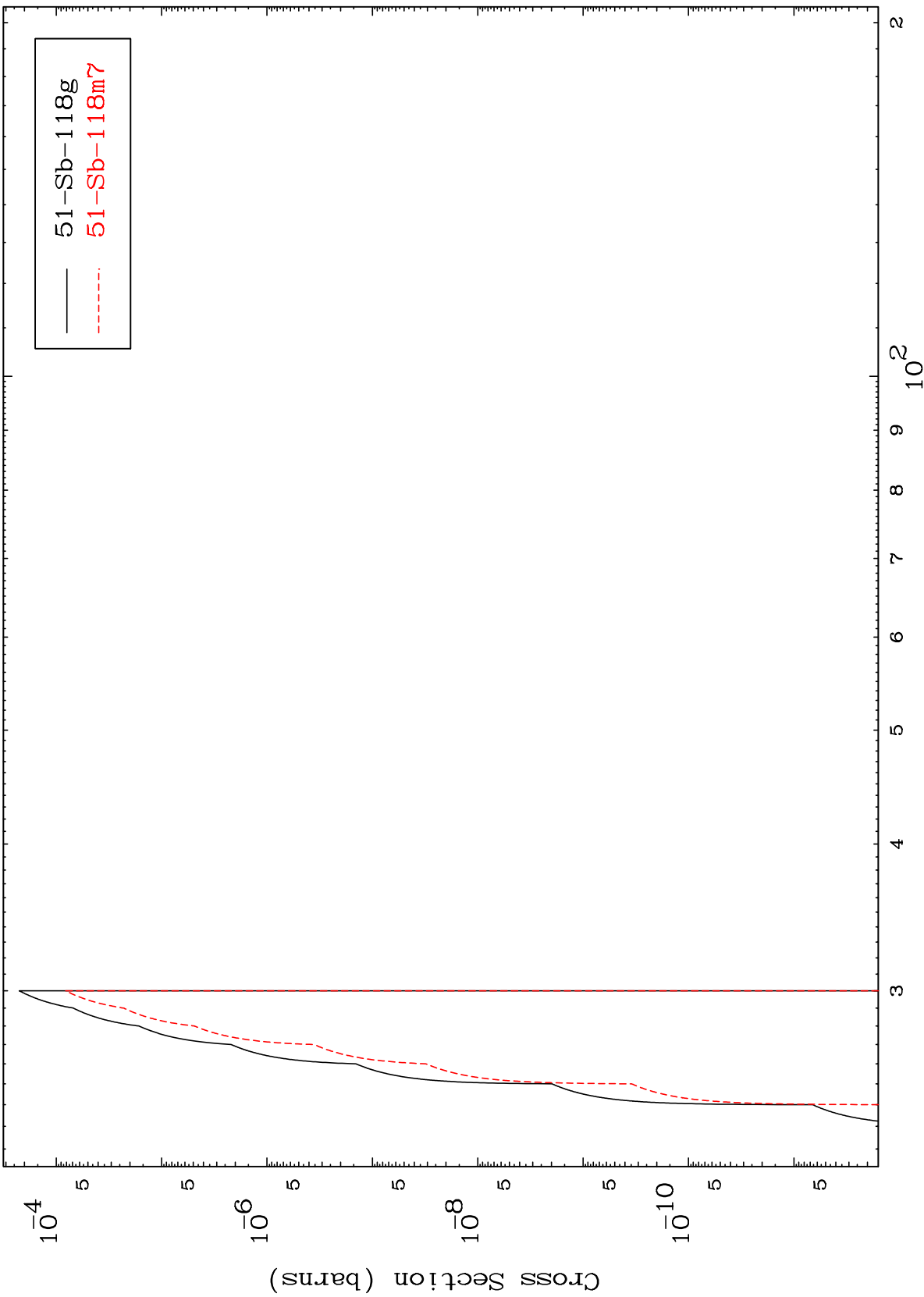


Inelastic  
Radionuclide Production Cross Section



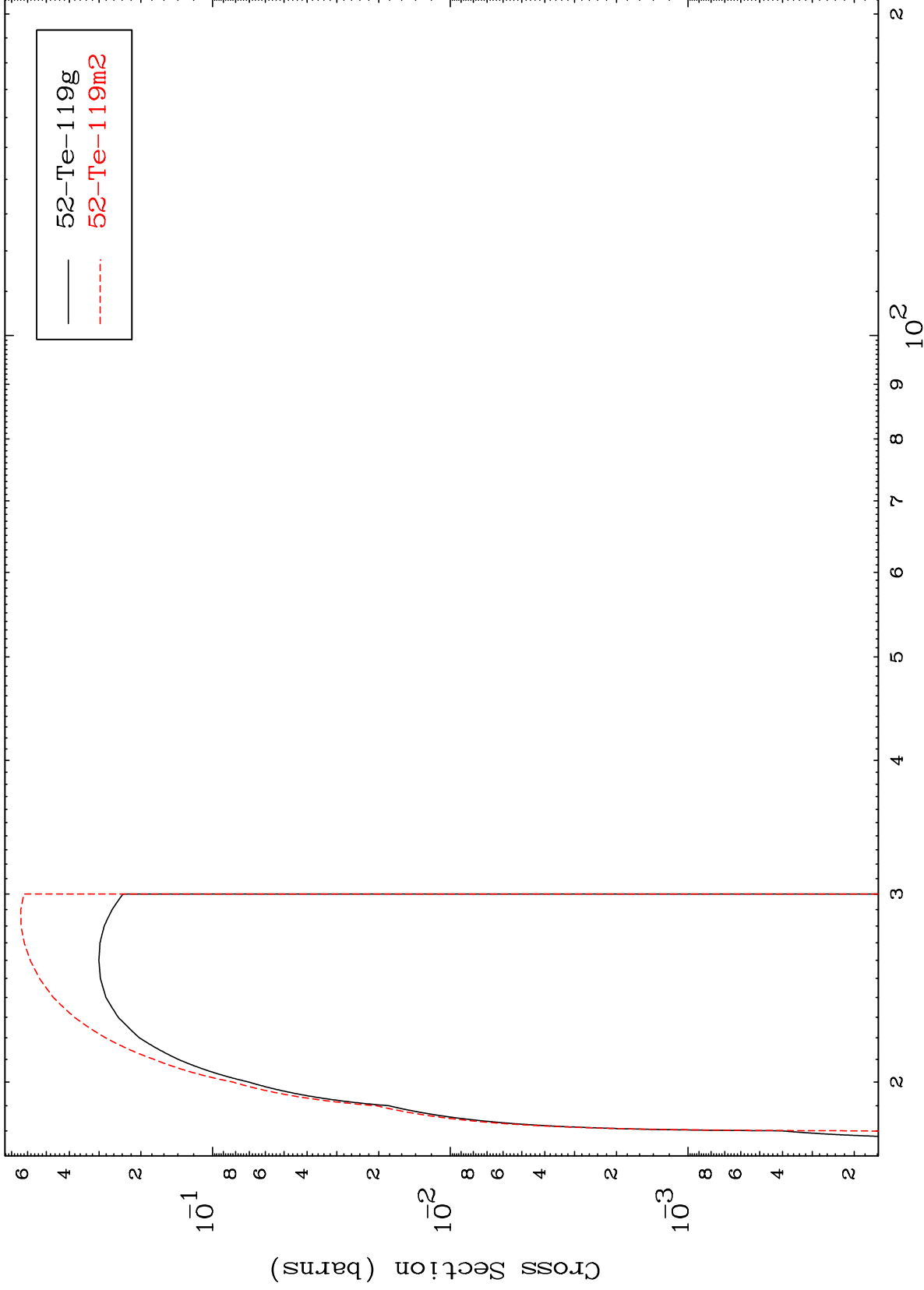


Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

Radionuclide Production Cross Section

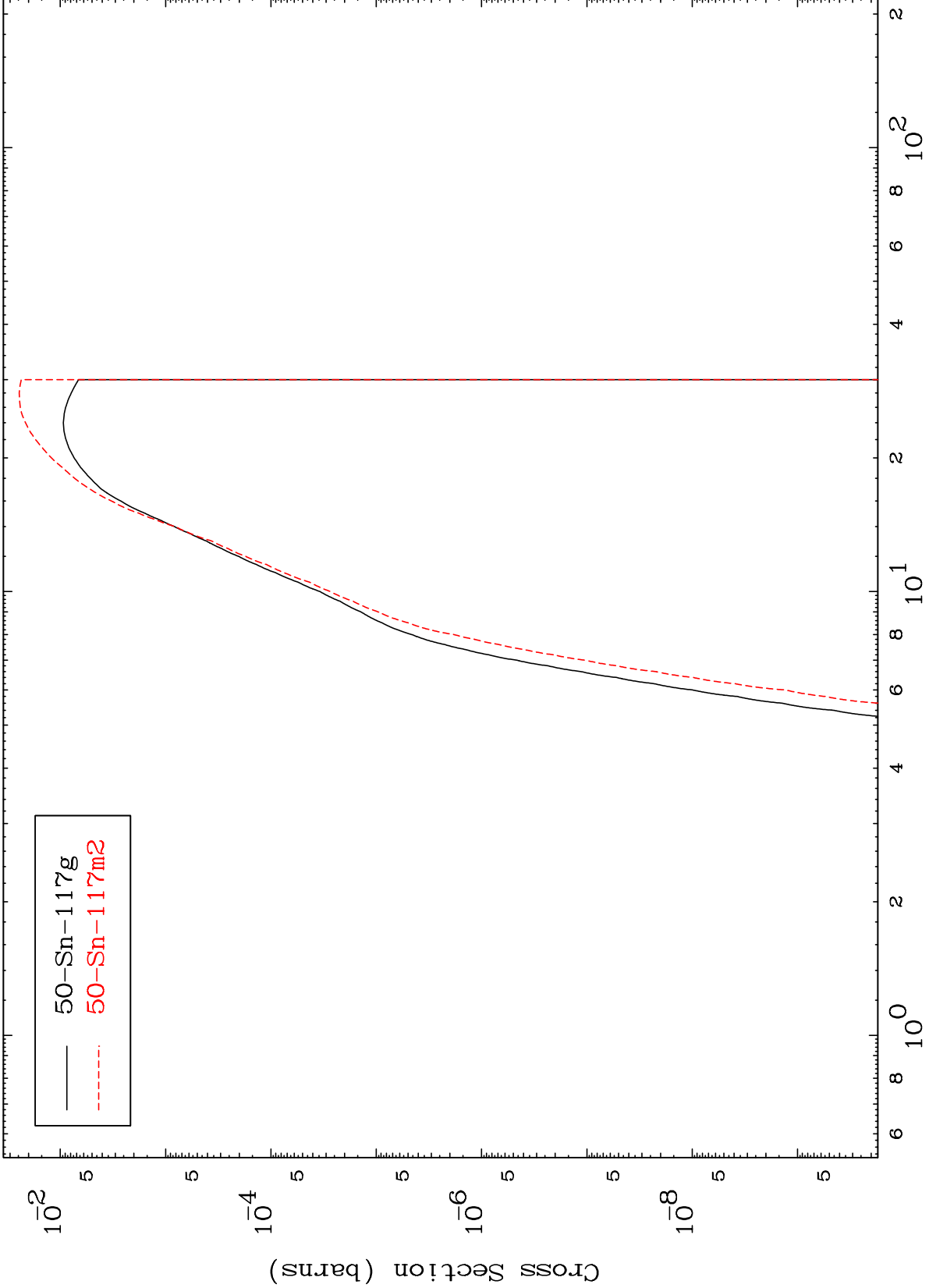


MAT 5228

(n,n')  $\alpha$

52-Te-121

Radionuclide Production Cross Section



50-Sn-117g  
50-Sn-117m2

114

Incident Energy (MeV)

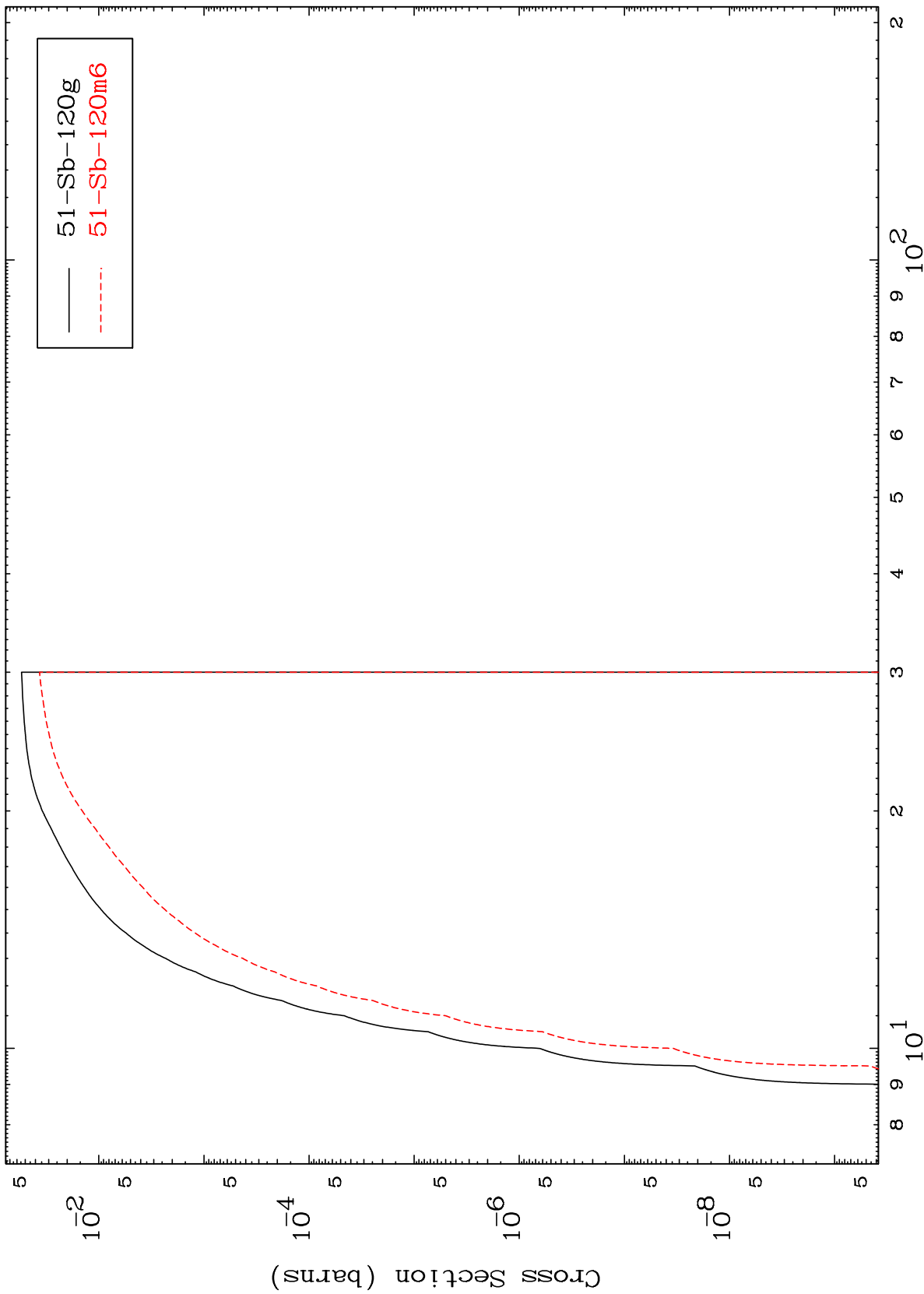
52-Te-121

MAT 5228

(n,n') p

52-Te-121

Radionuclide Production Cross Section



115

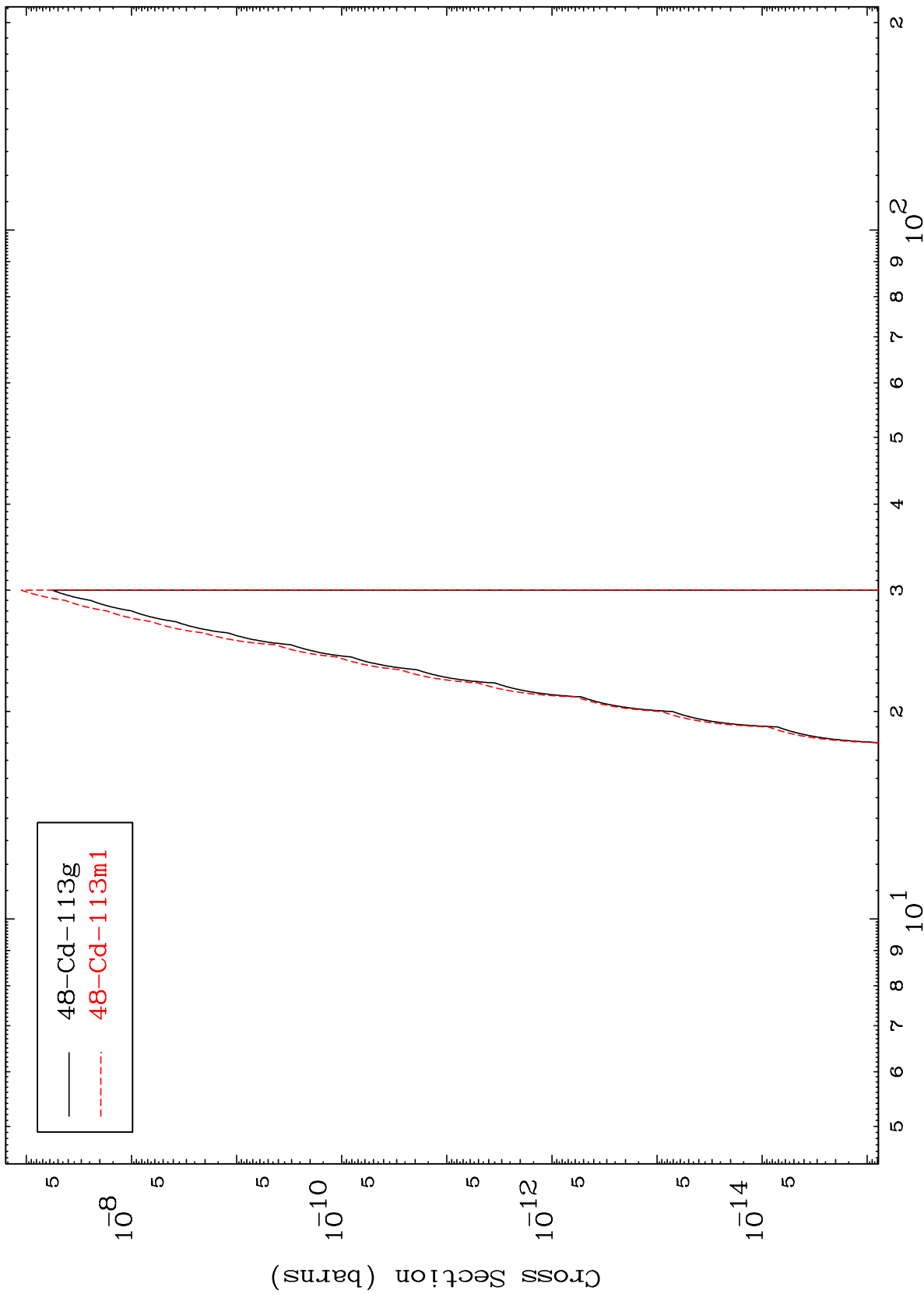
Incident Energy (MeV)

52-Te-121

MAT 5228

52-Te-121

(n,n') 2α  
Radionuclide Production Cross Section

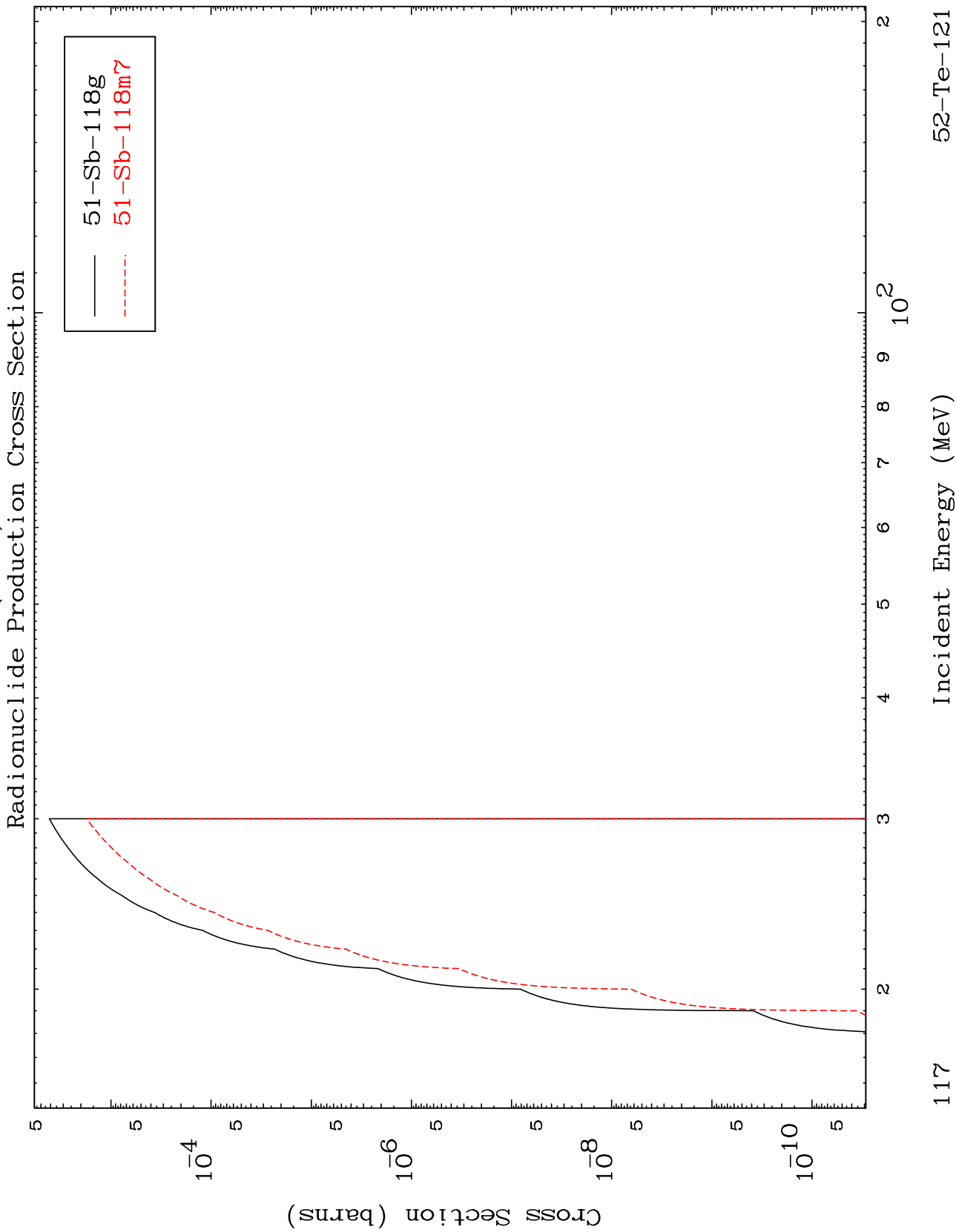


— 48-Cd-113g  
- - - 48-Cd-113m1

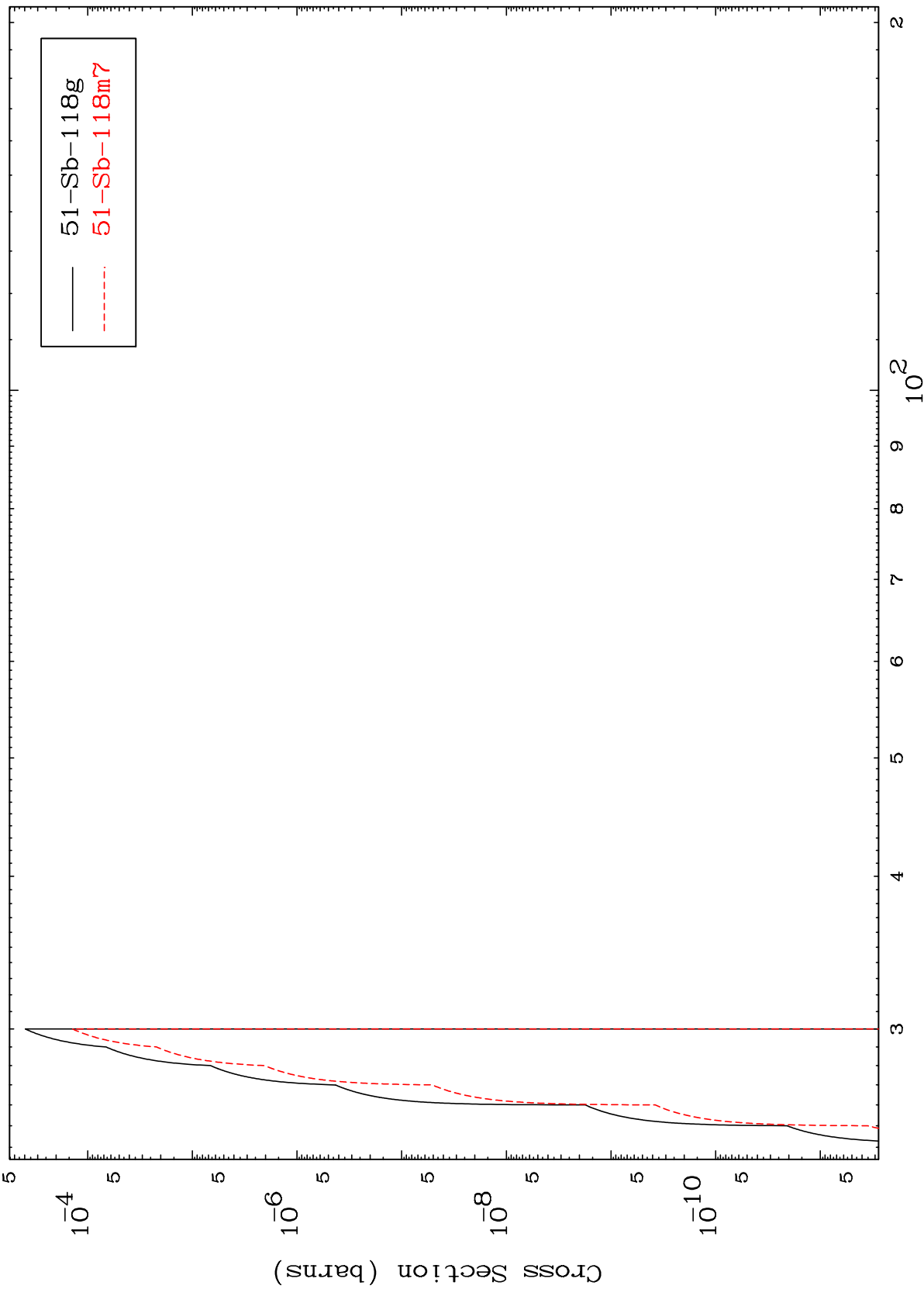
52-Te-121

Incident Energy (MeV)

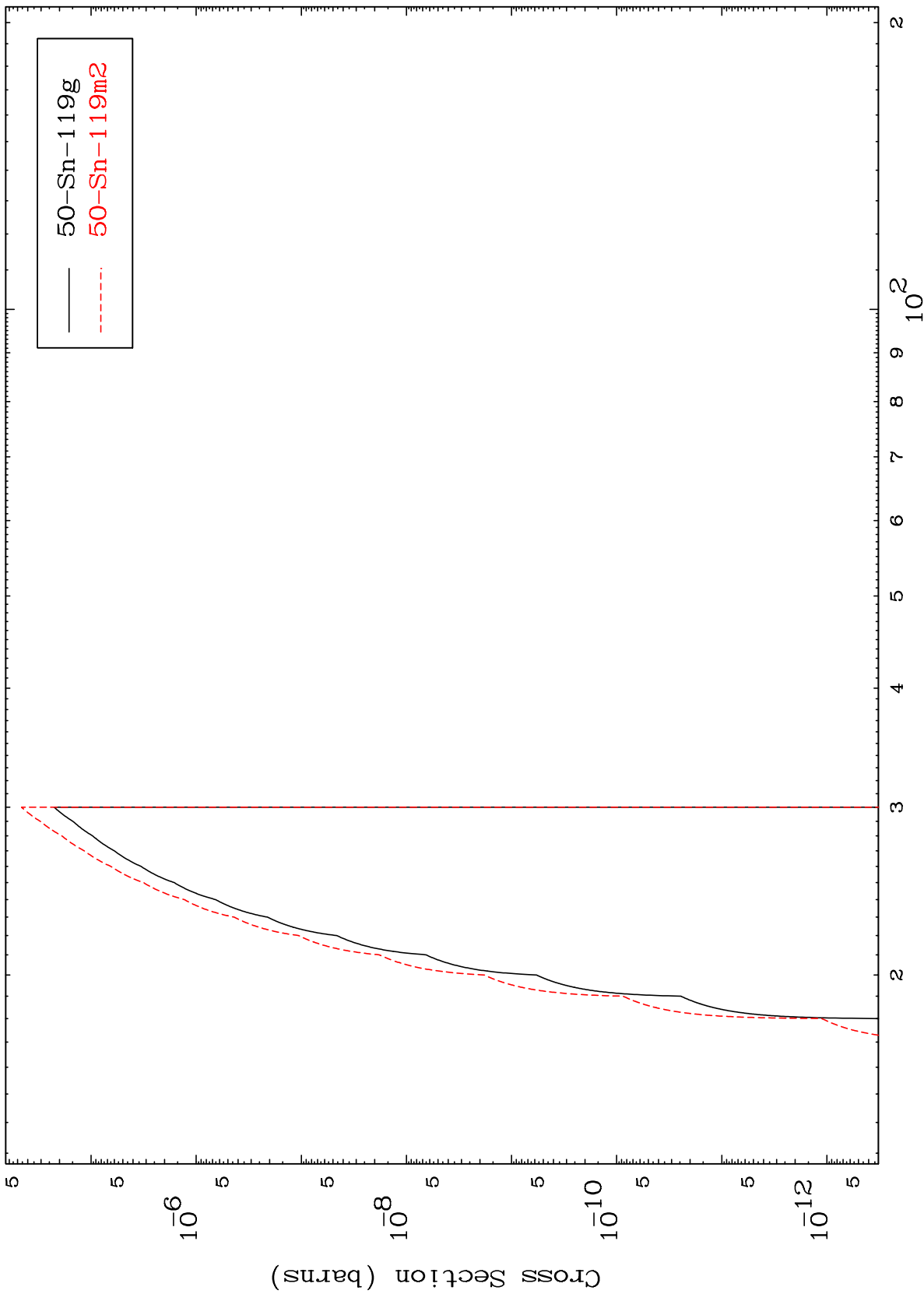
116



Radionuclide Production Cross Section



Radionuclide Production Cross Section



50-Sn-119g  
50-Sn-119m2

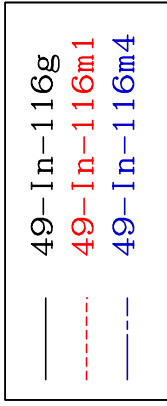
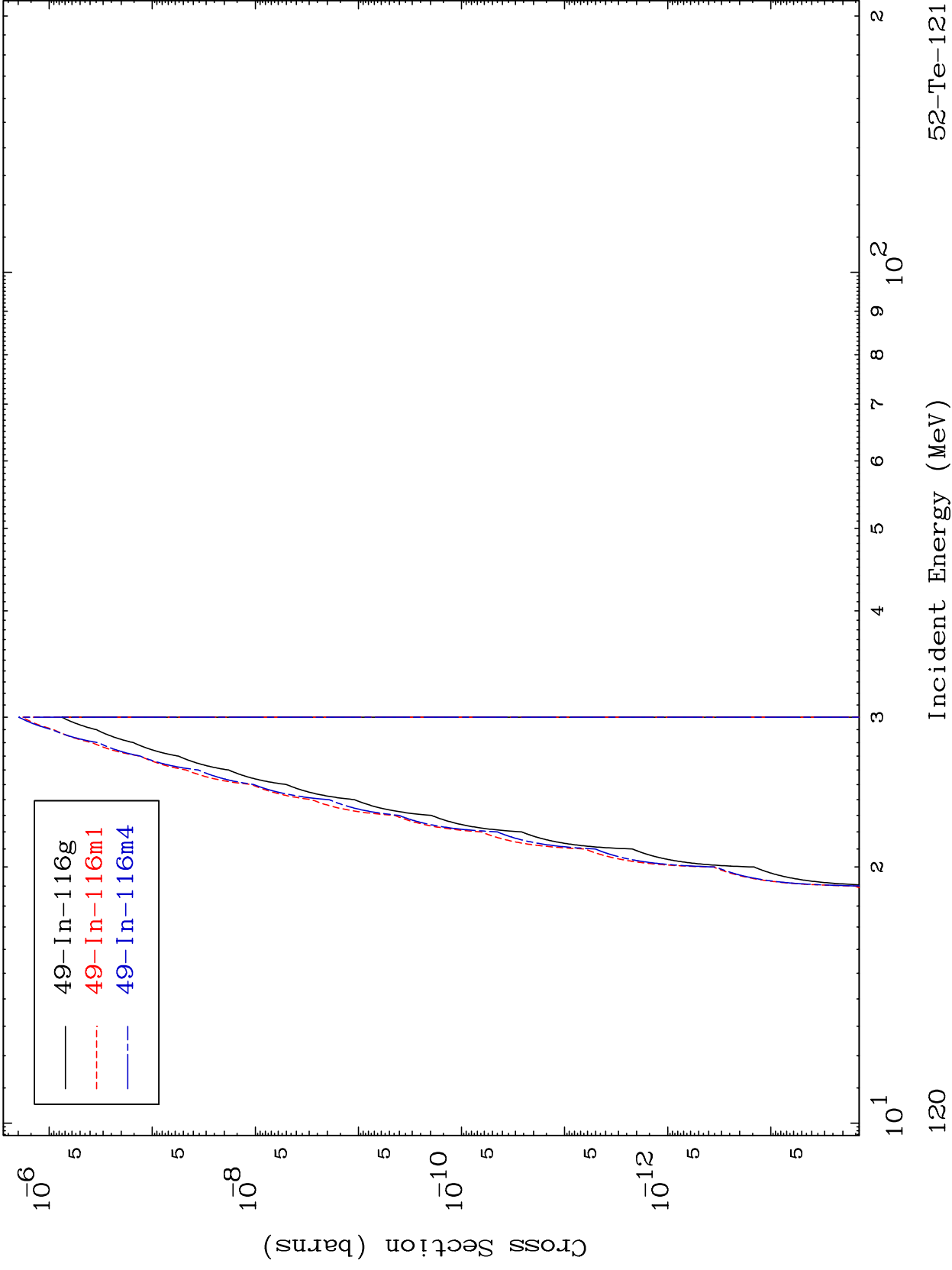


MAT 5228

(n,n') p α

52-Te-121

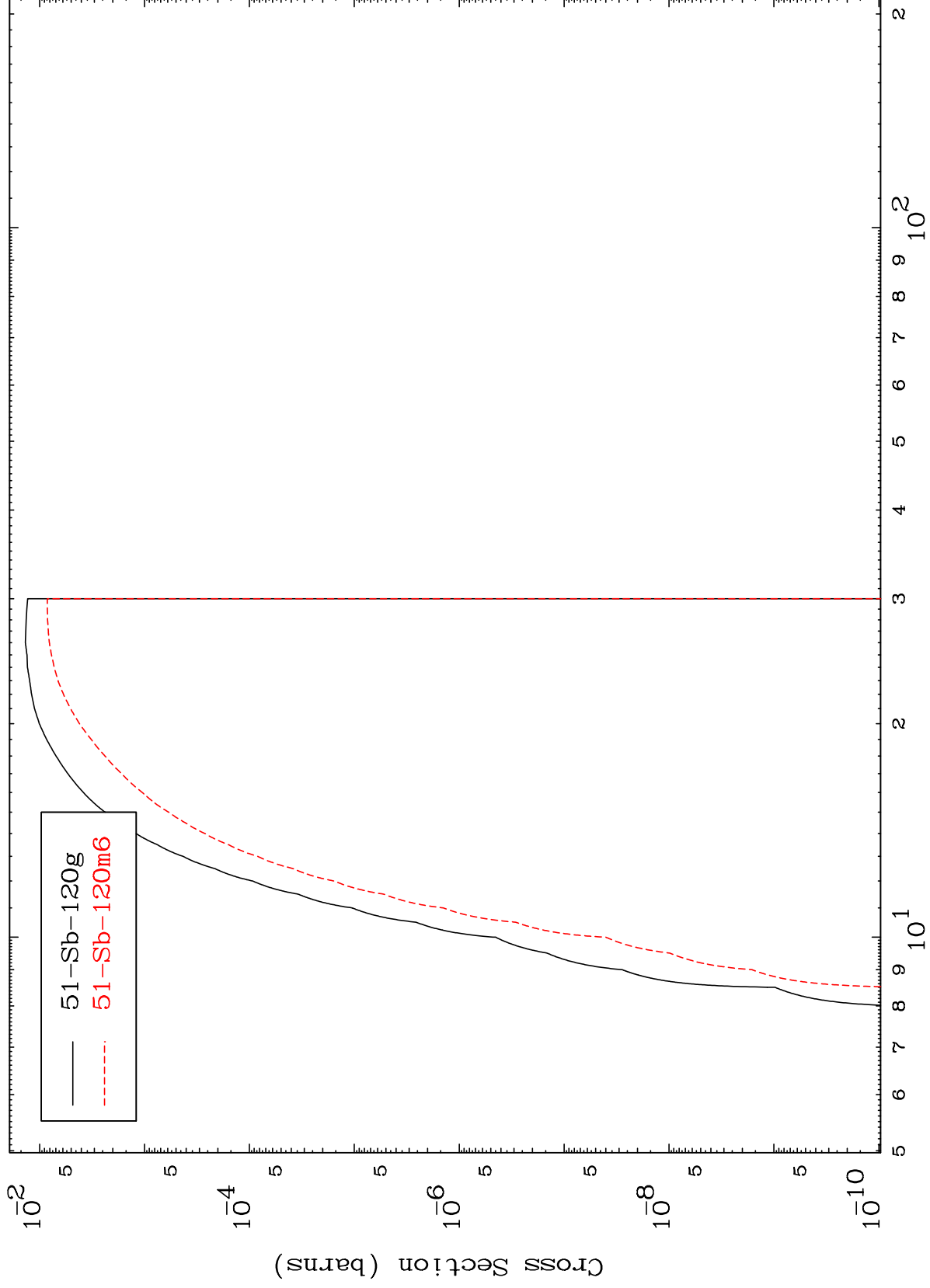
Radionuclide Production Cross Section



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52-Te-121

Radionuclide Production Cross Section (n,d)

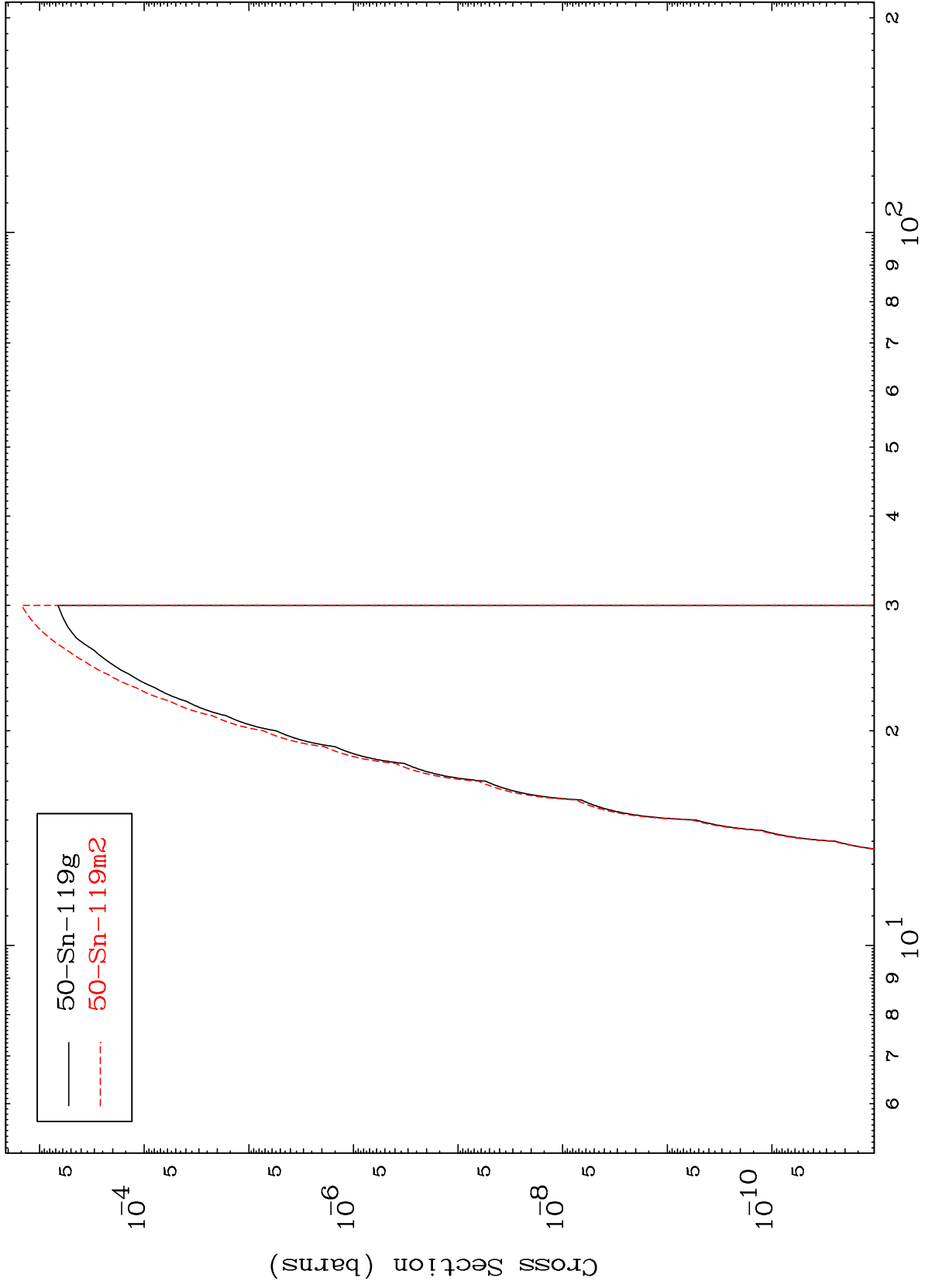


121

Incident Energy (MeV)

52-Te-121

Radionuclide Production Cross Section

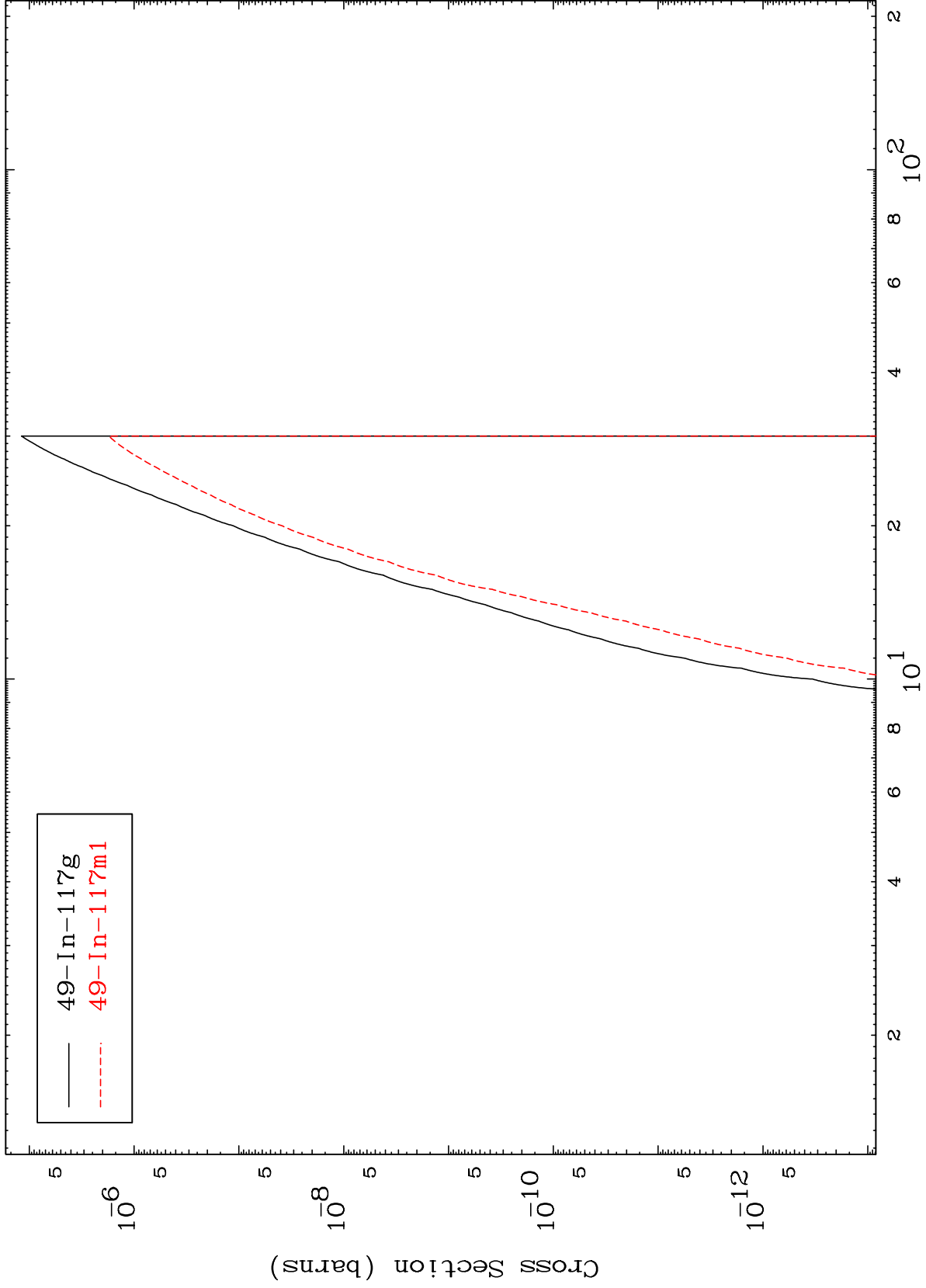


MAT 5228

(n,p)  $\alpha$

52-Te-121

Radionuclide Production Cross Section



123

Incident Energy (MeV)

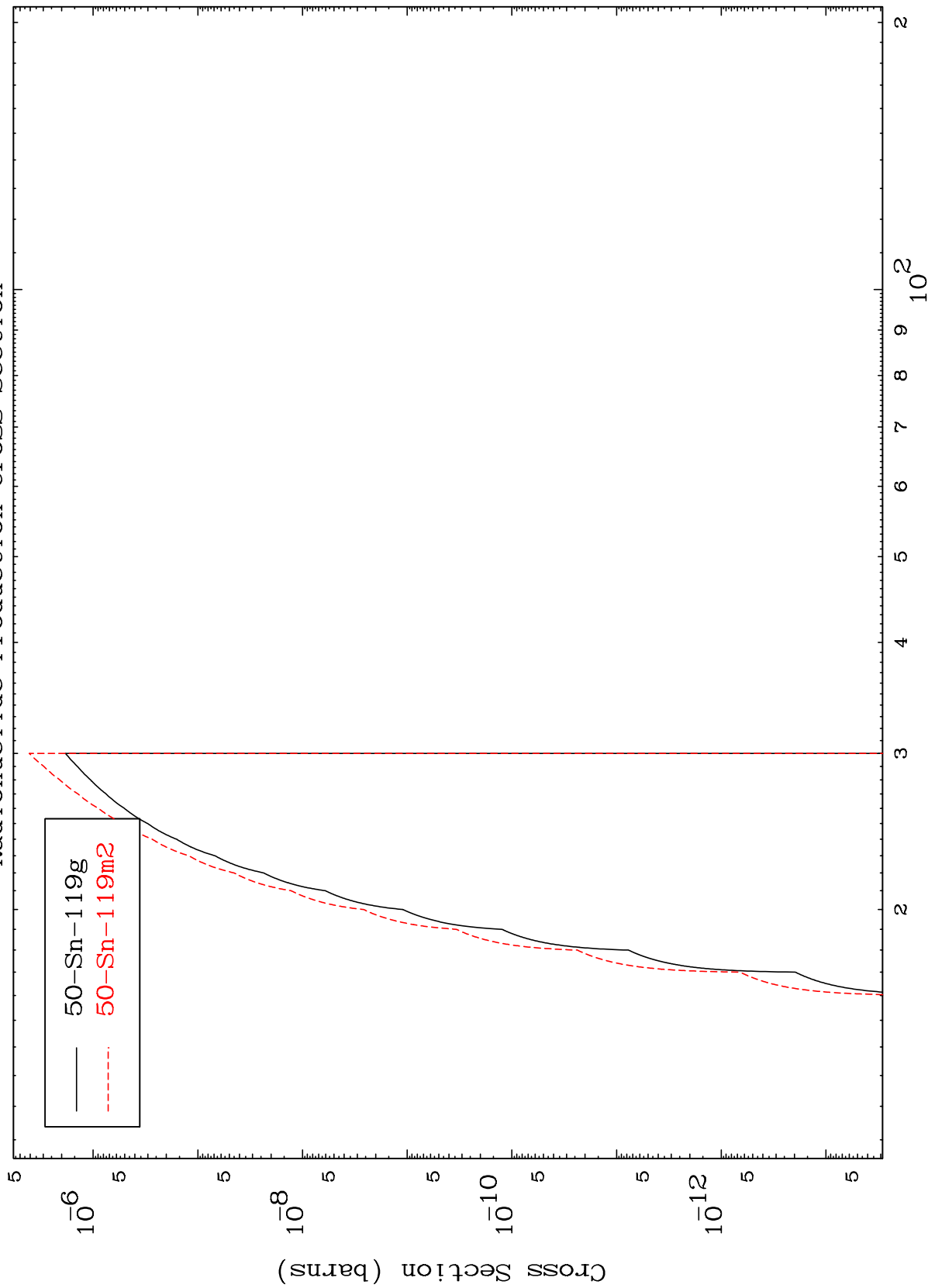
52-Te-121

MAT 5228

(n,p) d

52-Te-121

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-121

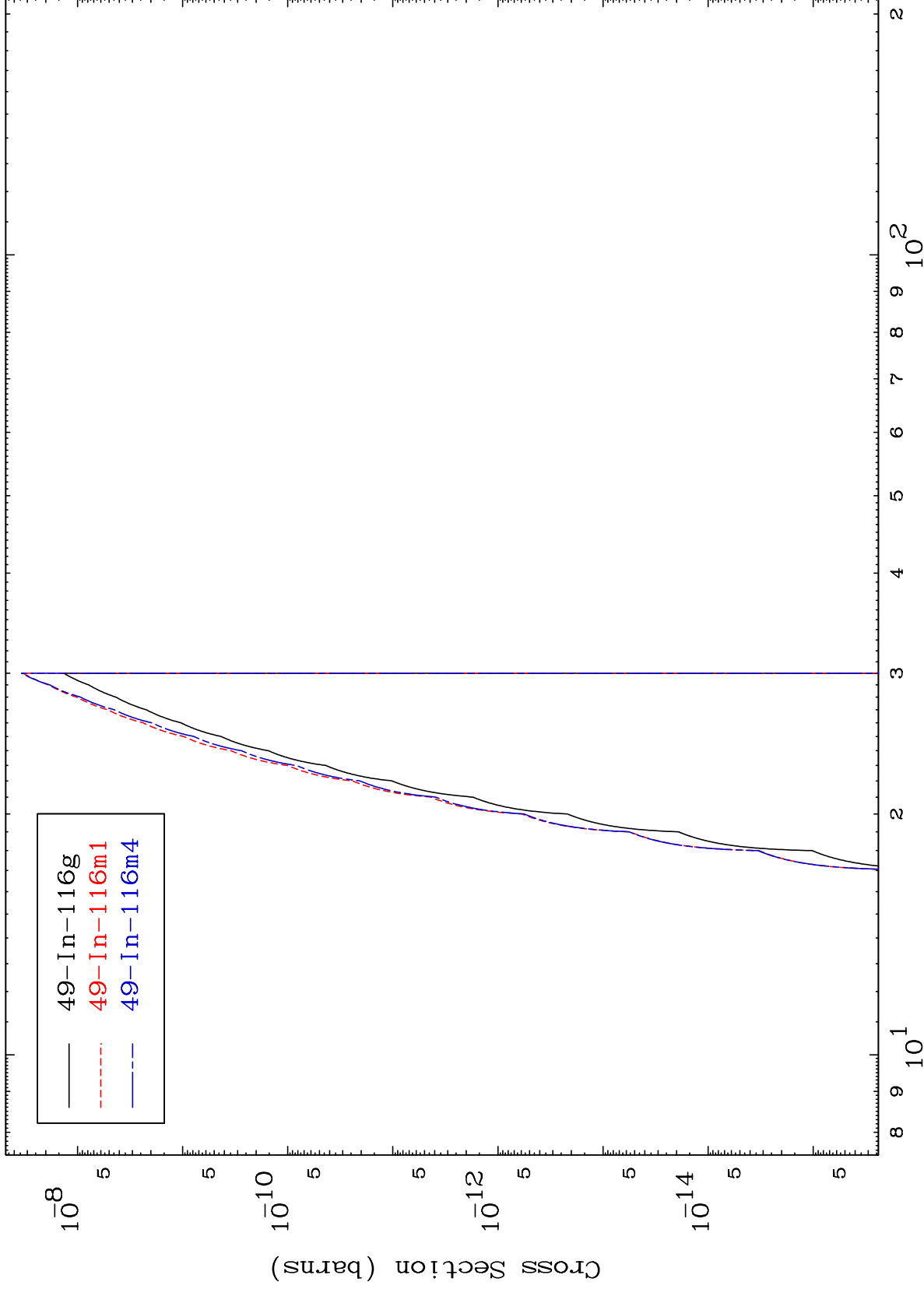
124

MAT 5228

(n,d)  $\alpha$

52-Te-121

Radionuclide Production Cross Section



125

Incident Energy (MeV)

52-Te-121