

Program EVALPLOT
(Version 2015-2)

by

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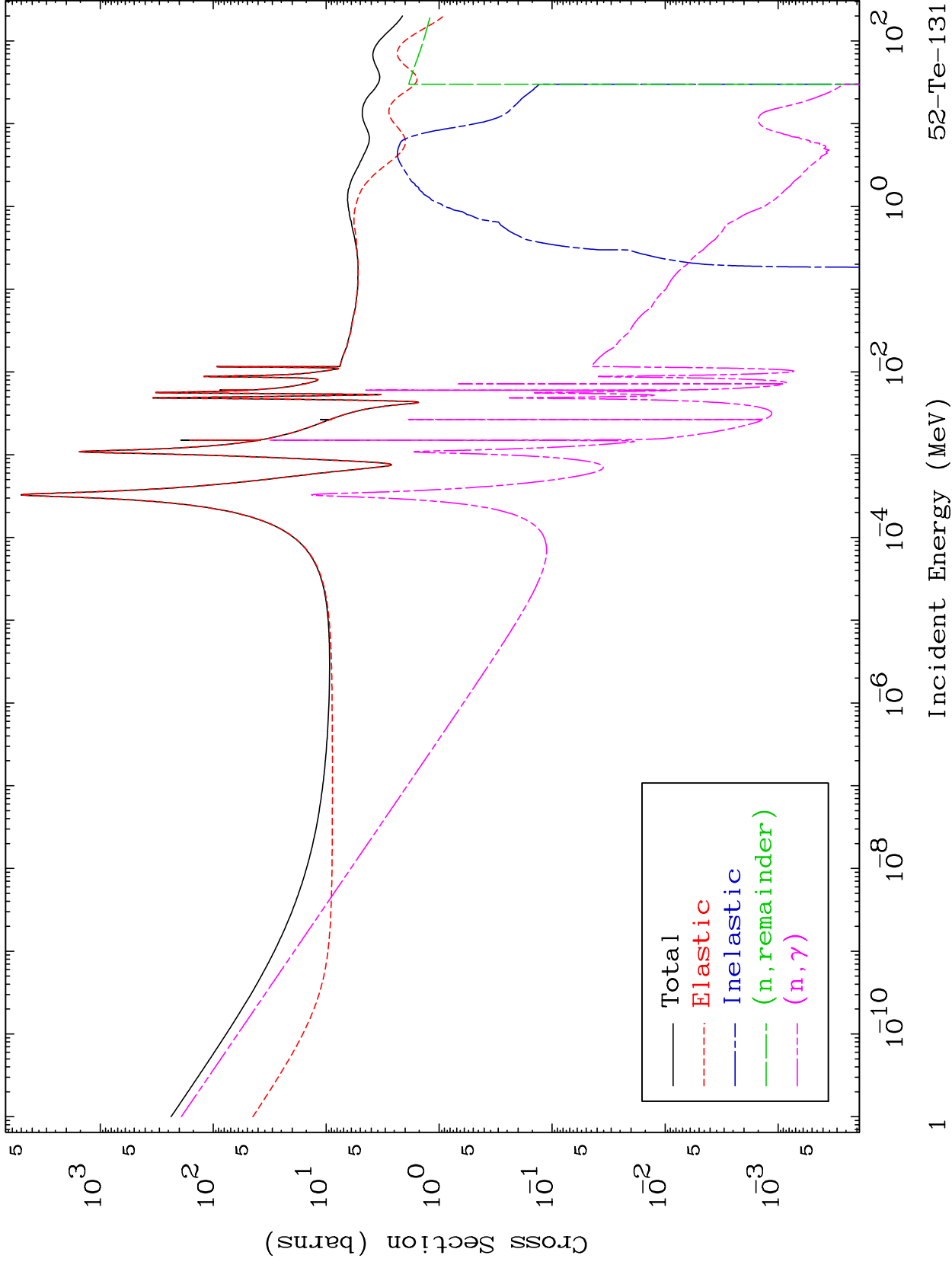
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5258

Major
293 Kelvin Cross Sections

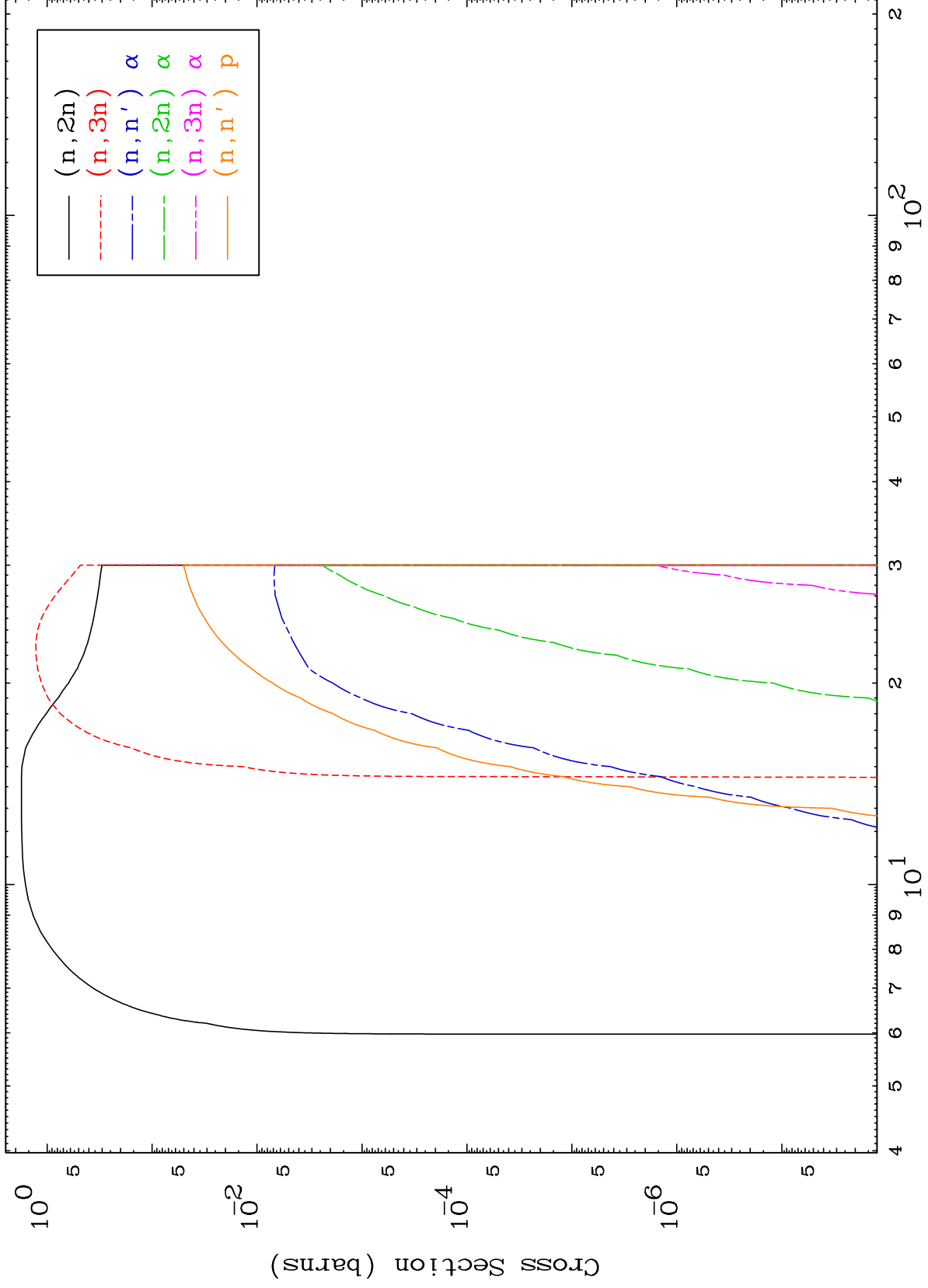
52-Te-131



MAT 5258

Neutron Production
293 Kelvin Cross Sections

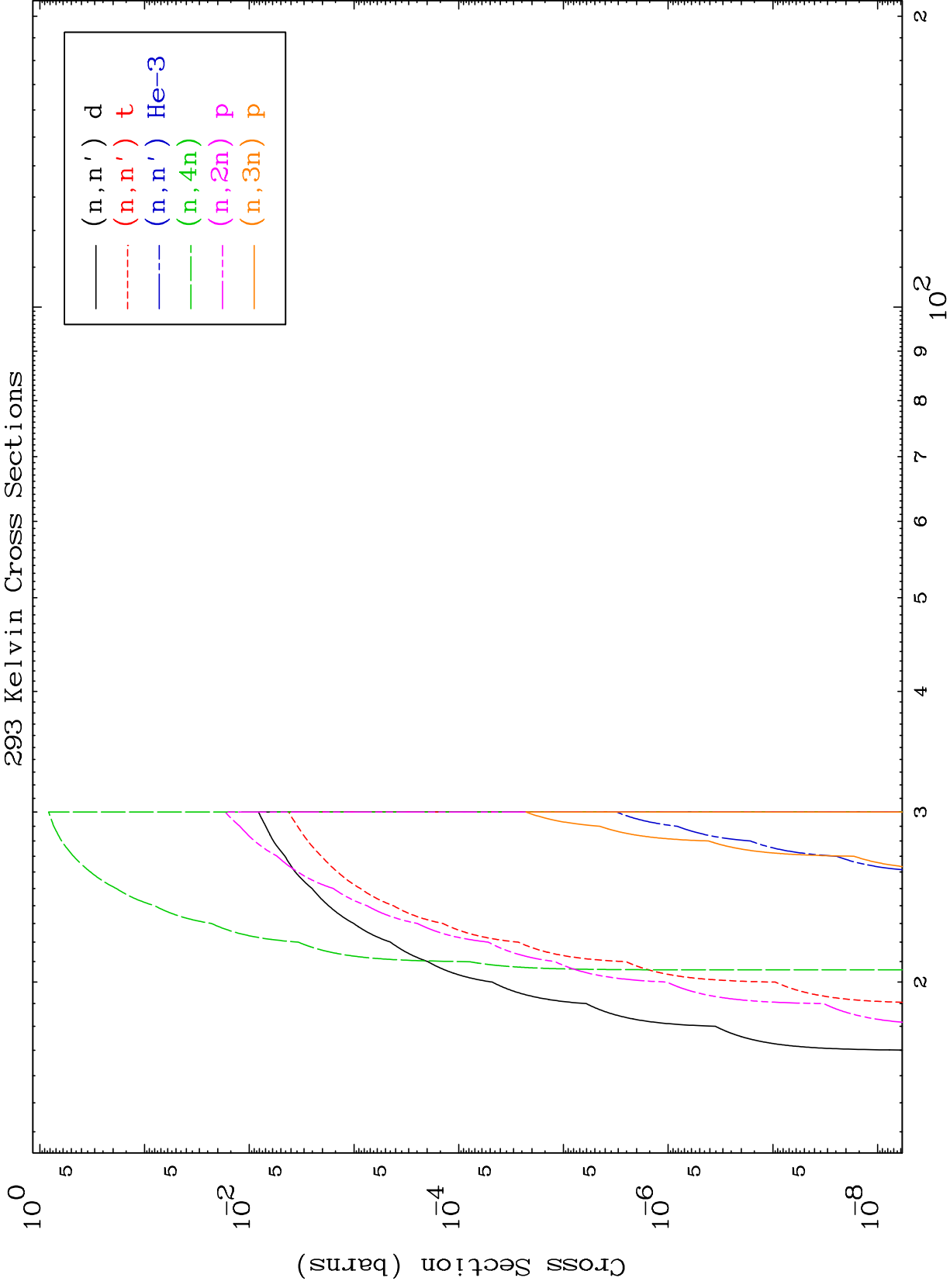
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Incident Energy (MeV)

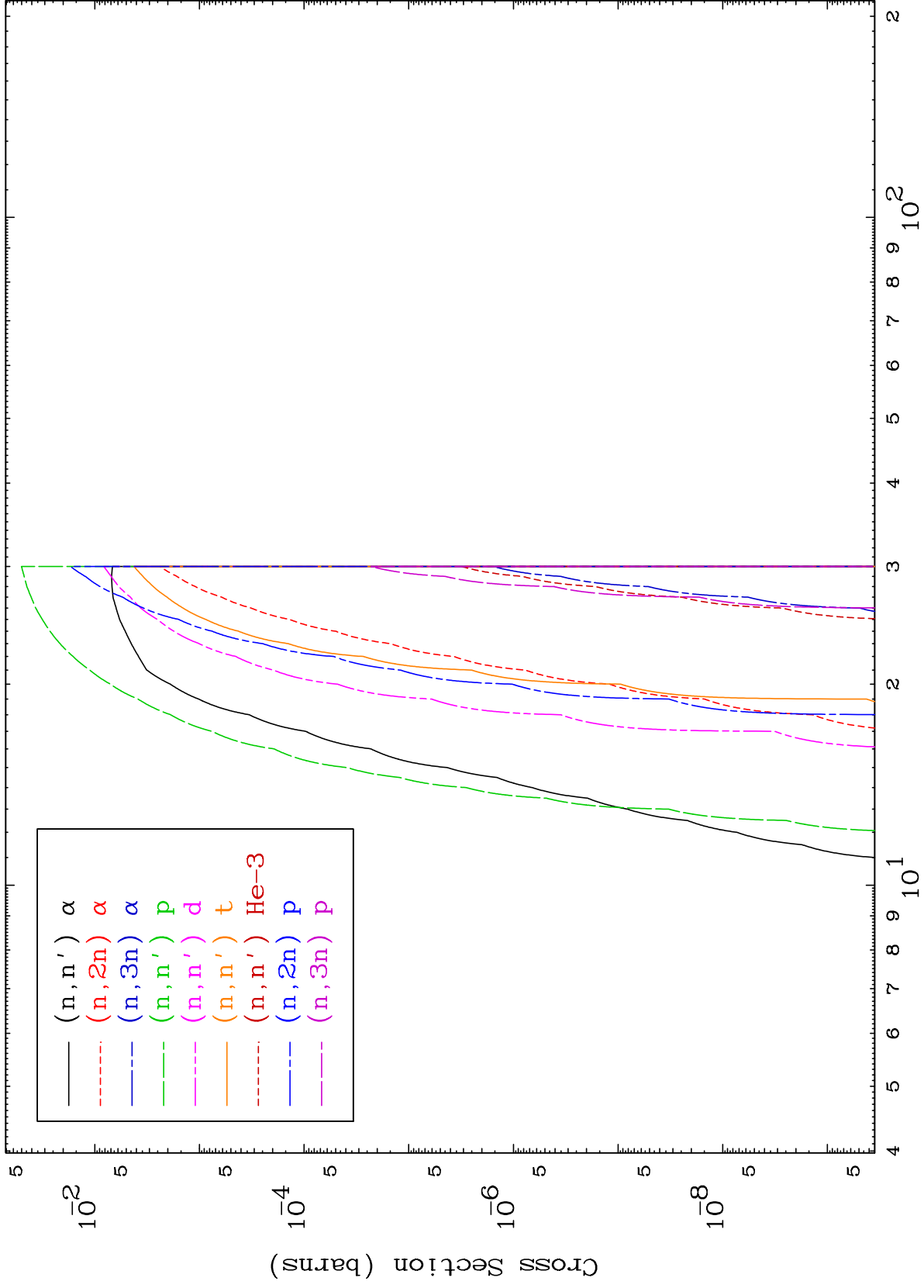
52-Te-131



MAT 5258

Charged Particle
293 Kelvin Cross Sections

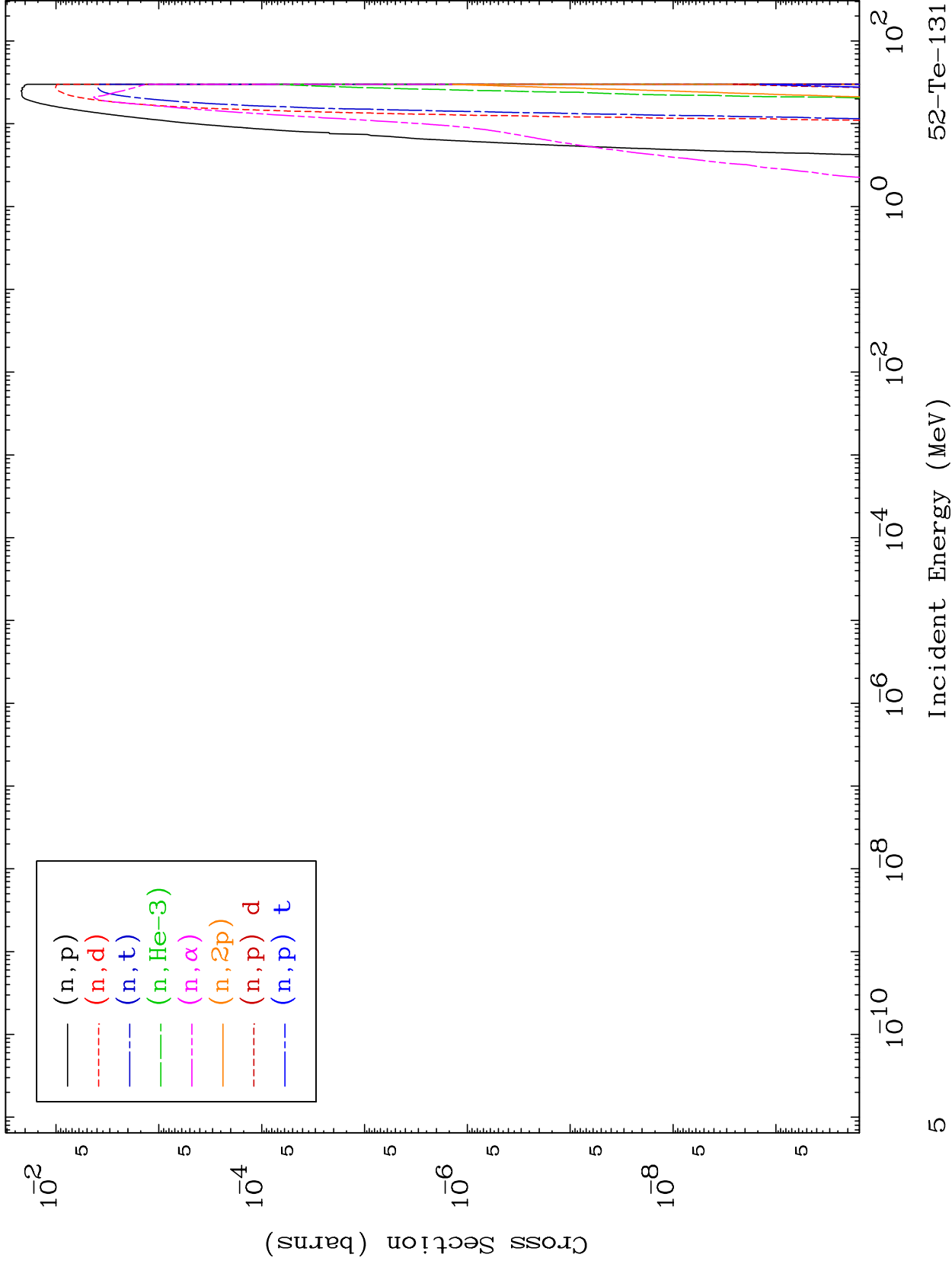
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MAT 5258

Charged Particle
293 Kelvin Cross Sections

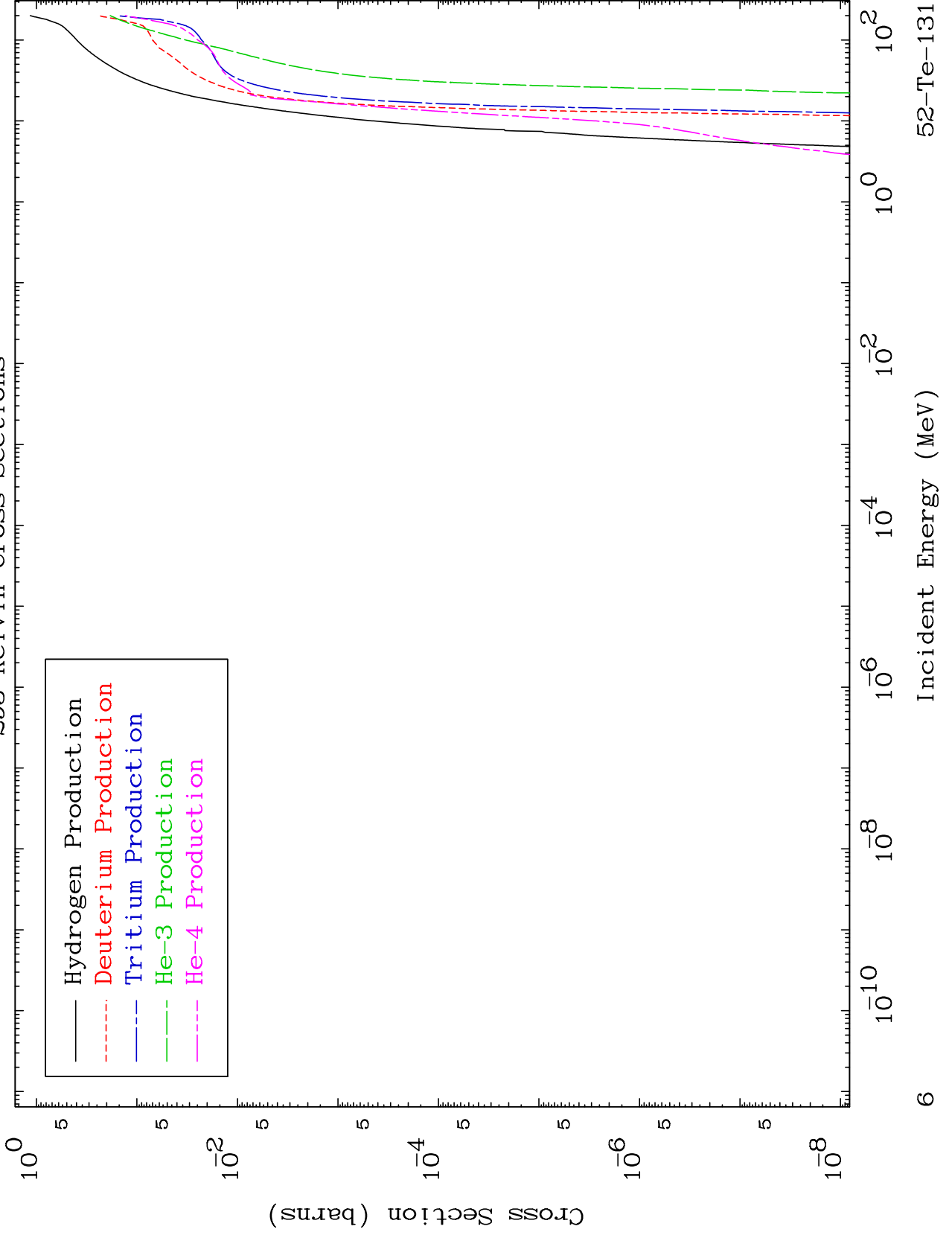
52-Te-131



MAT 5258

Particle Production
293 Kelvin Cross Sections

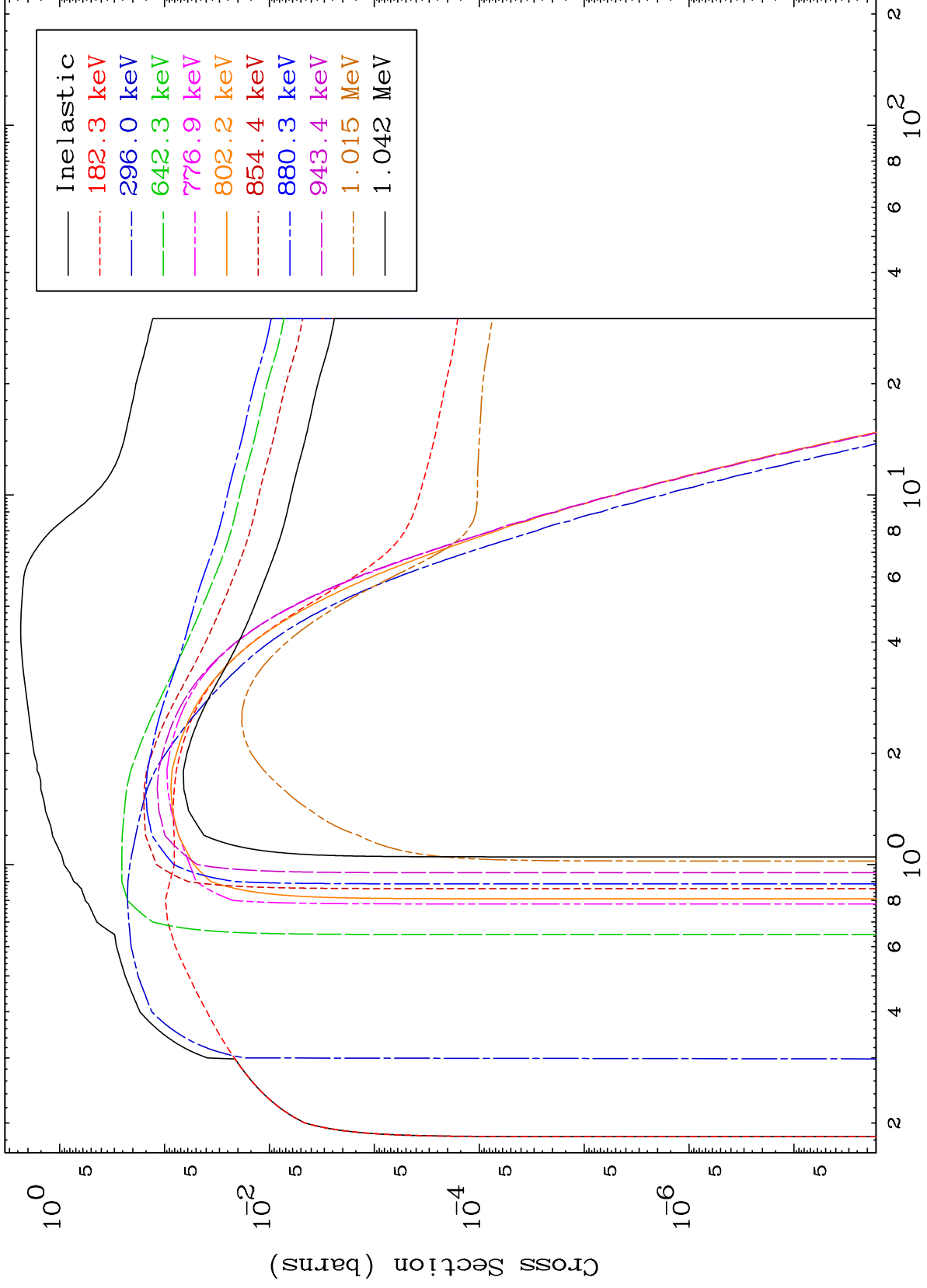
52-Te-131



MAT 5258

(n,n') Level
293 Kelvin Cross Sections

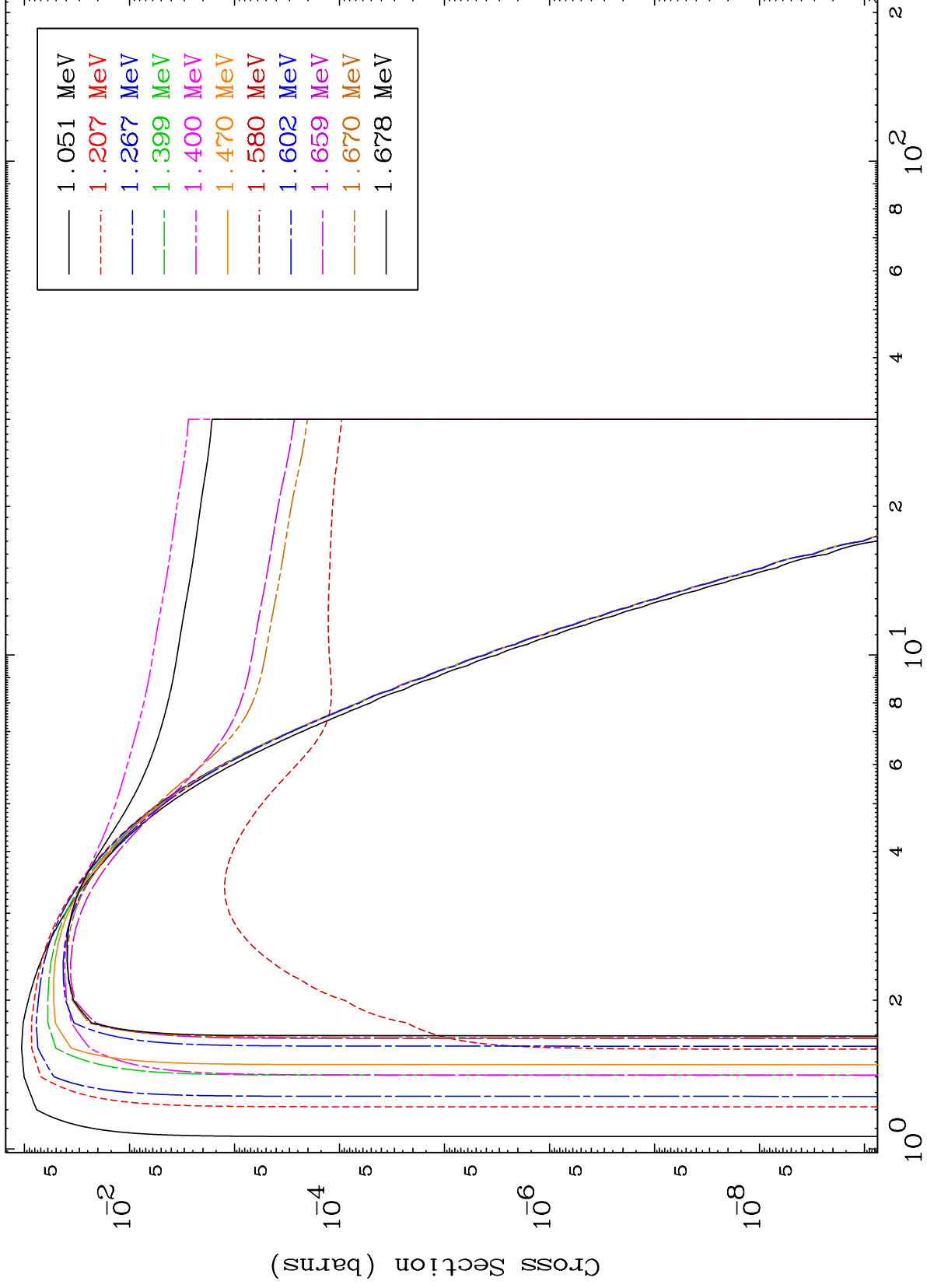
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MAT 5258

(n,n') Level
293 Kelvin Cross Sections

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Incident Energy (MeV)

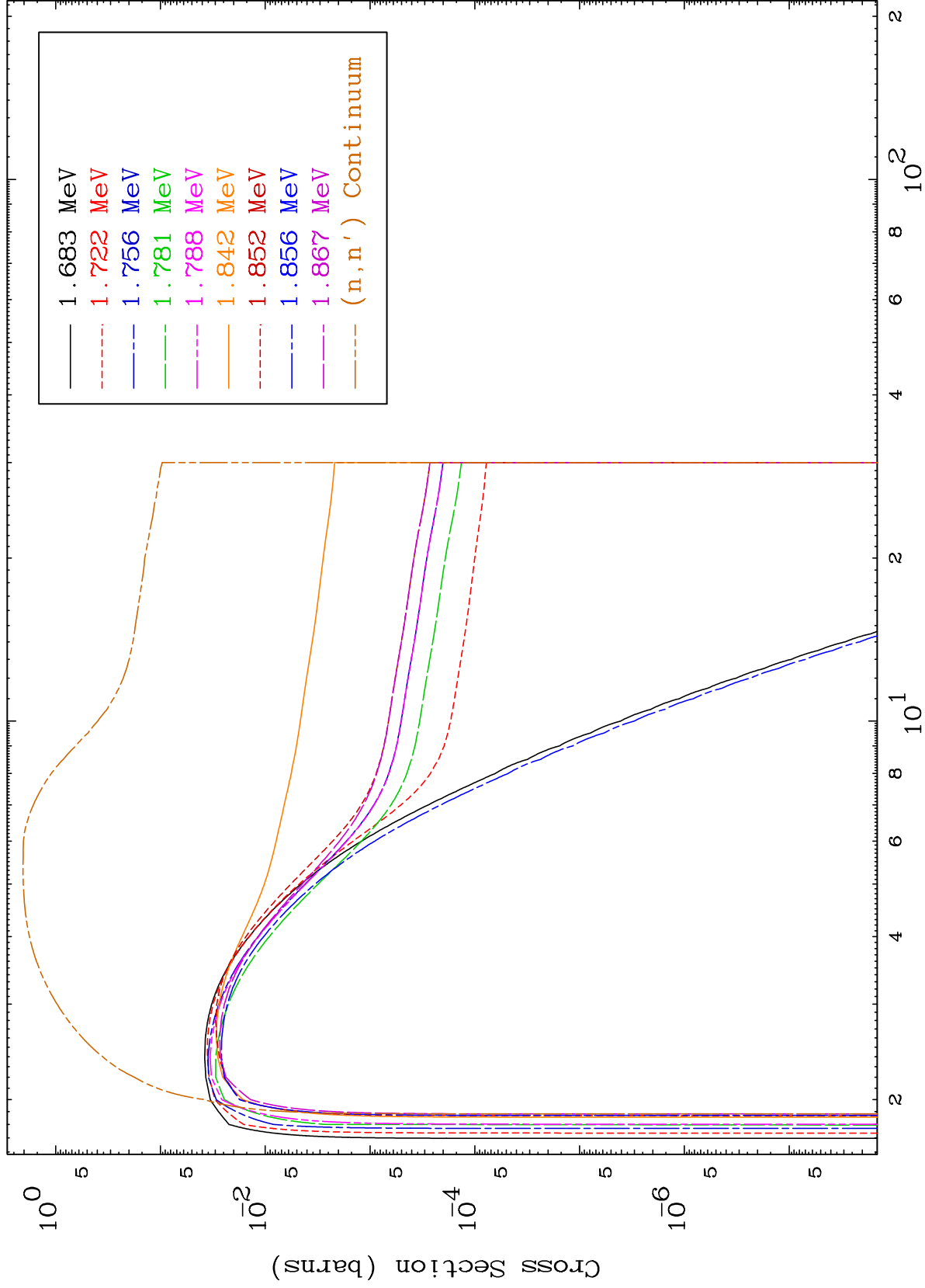
52-Te-131

MAT 5258

(n,n') Level

52-Te-131

293 Kelvin Cross Sections



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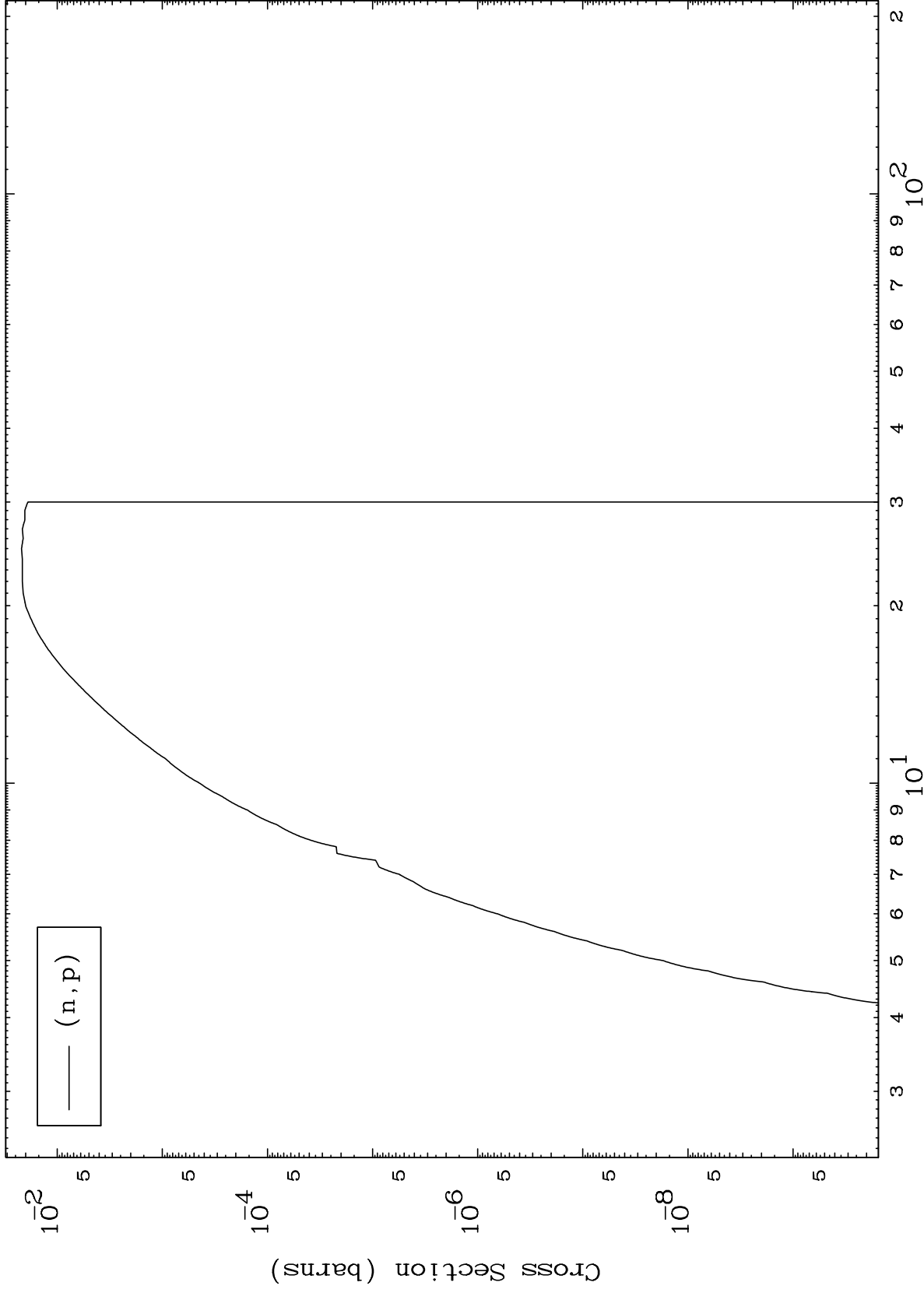
Incident Energy (MeV)

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MAT 5258

(n,p) Levels
293 Kelvin Cross Sections

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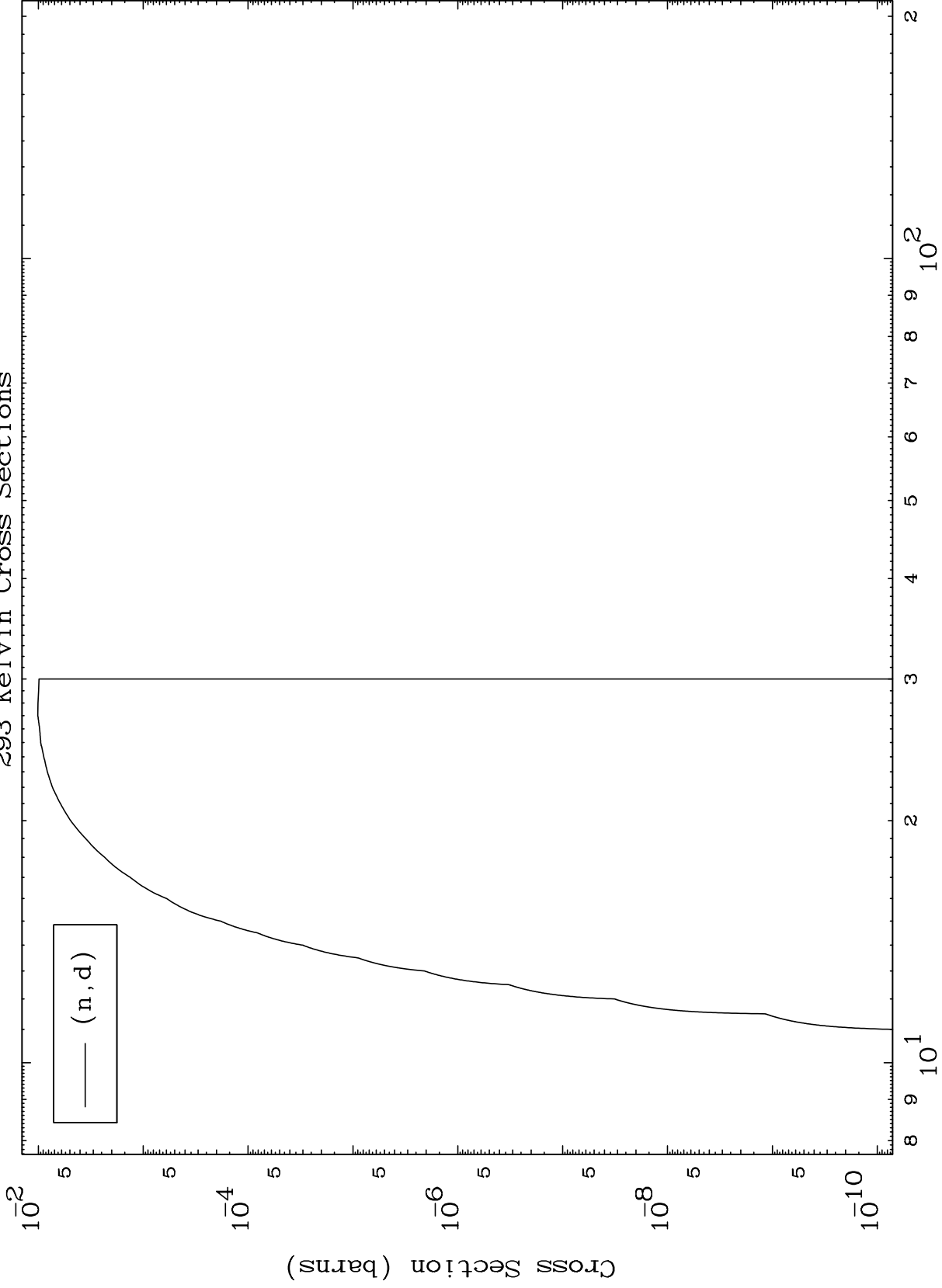
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,d) Levels
293 Kelvin Cross Sections

52-Te-131



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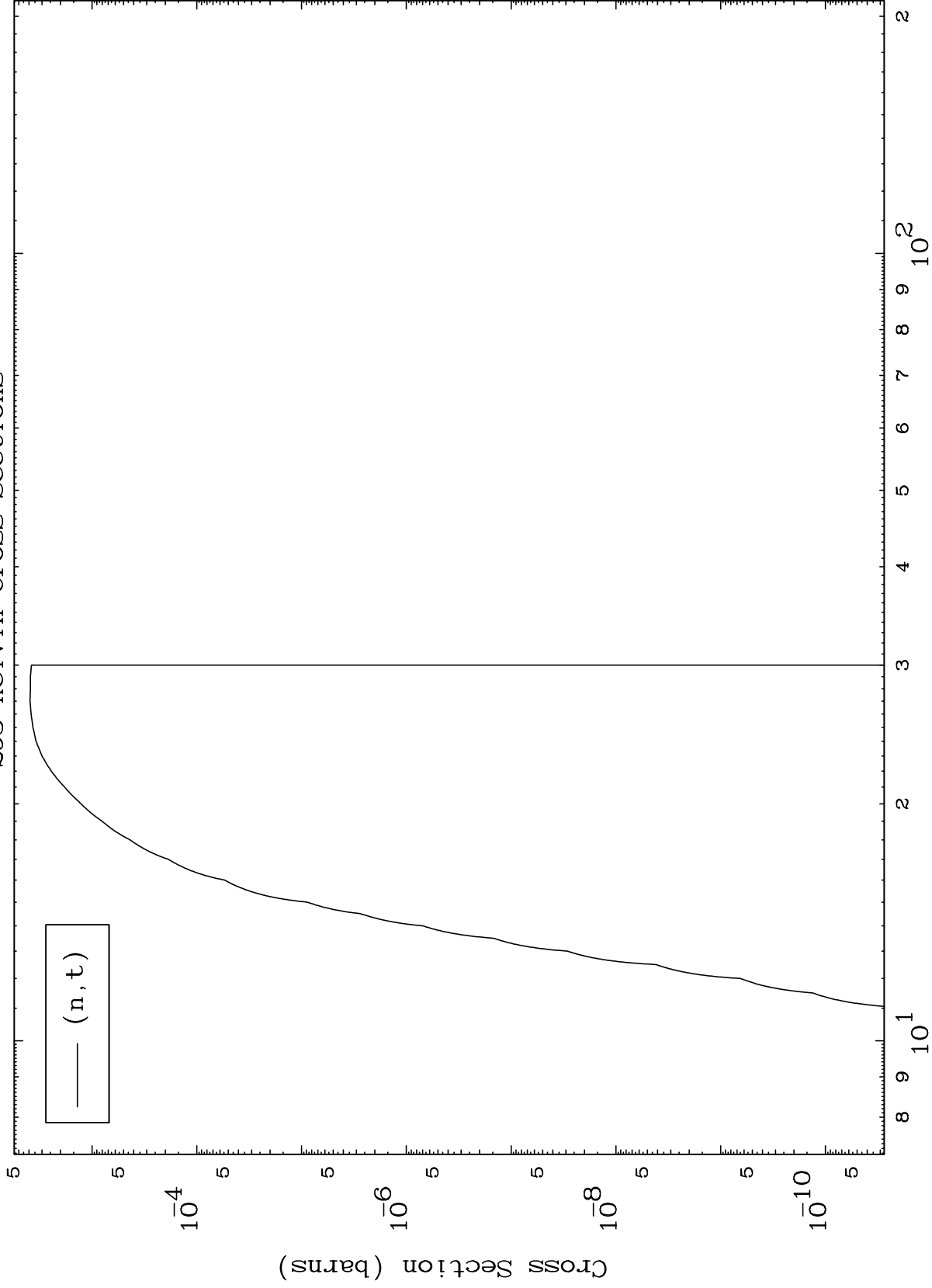
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,t) Levels
293 Kelvin Cross Sections

52-Te-131



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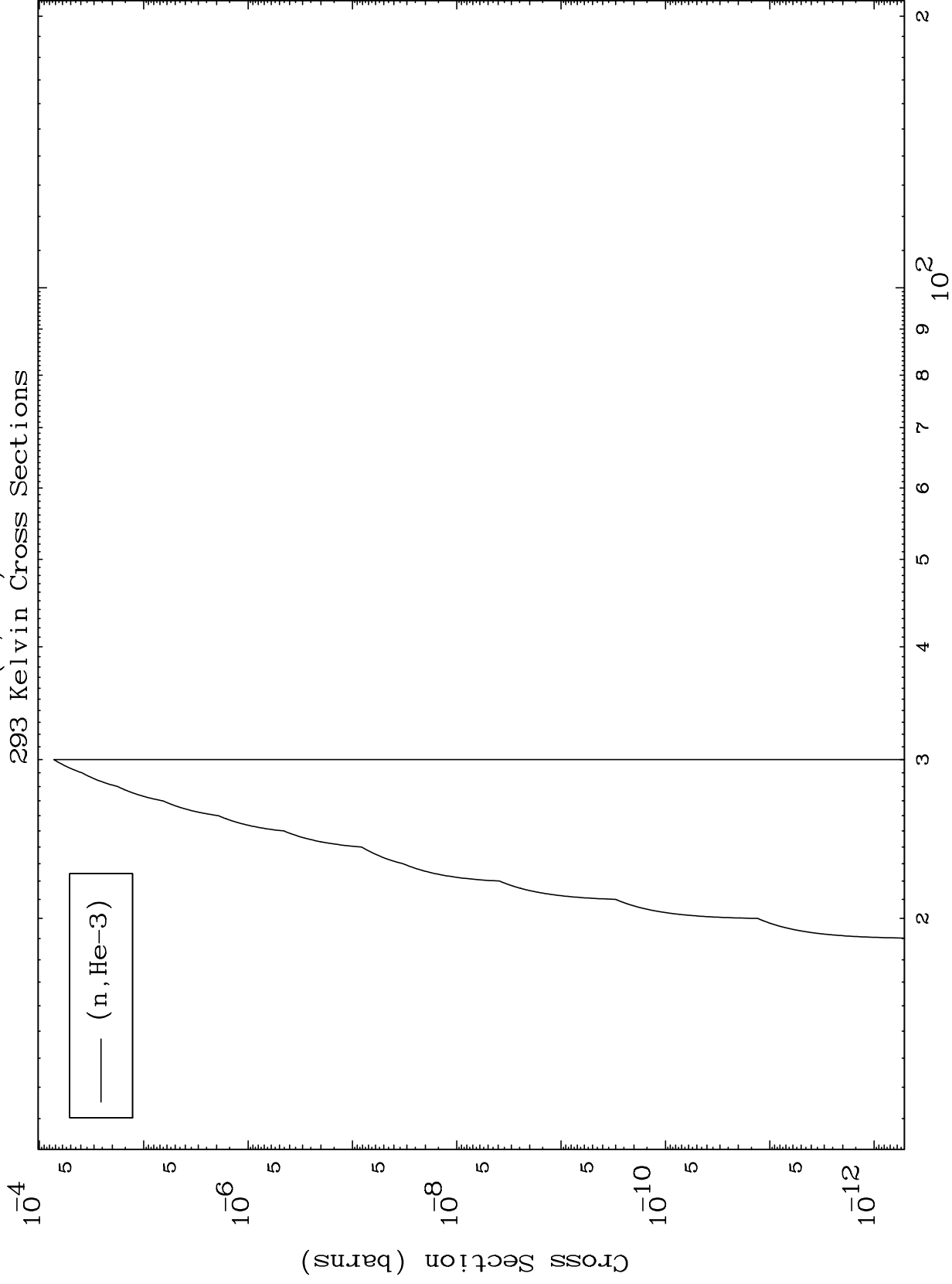
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-131



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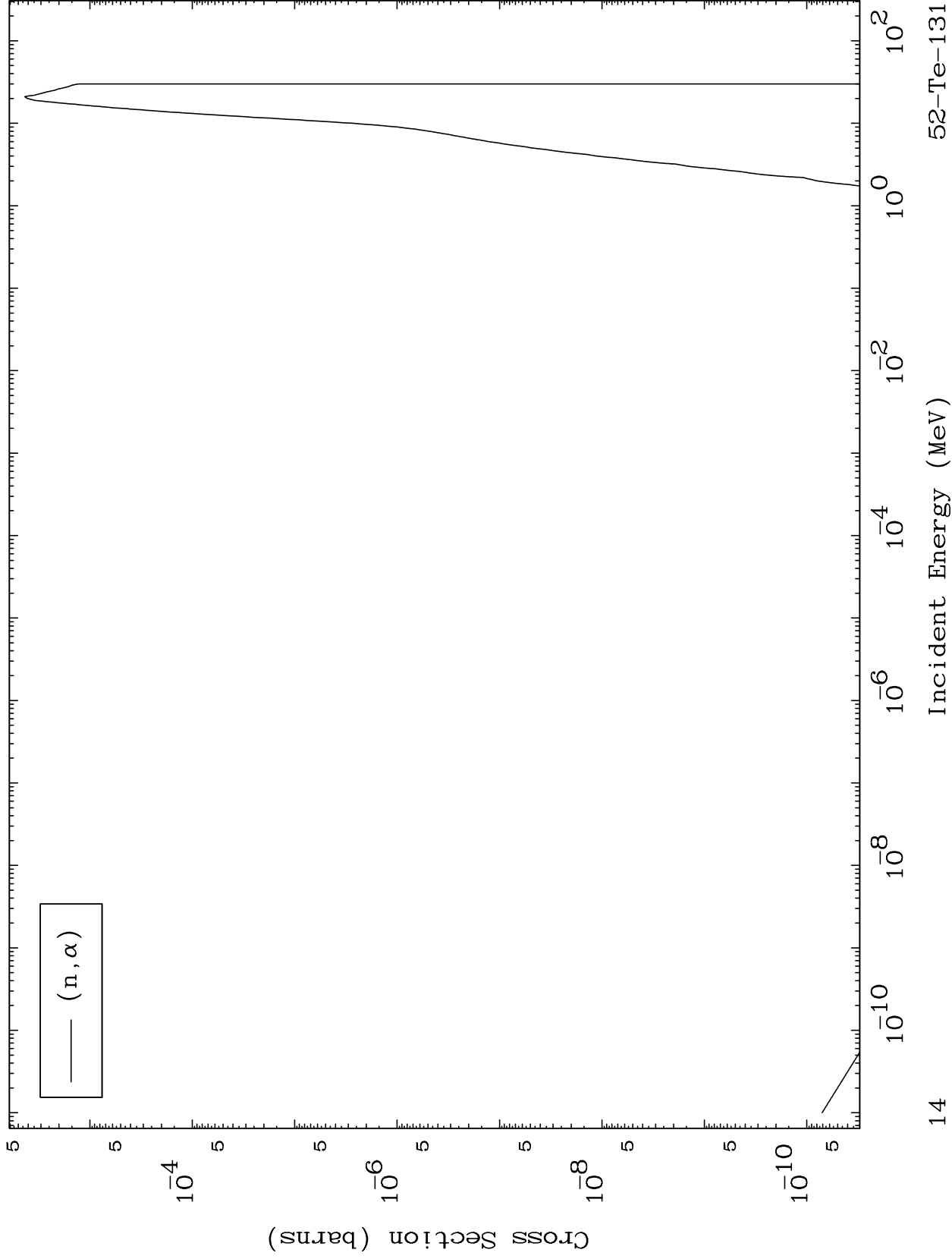
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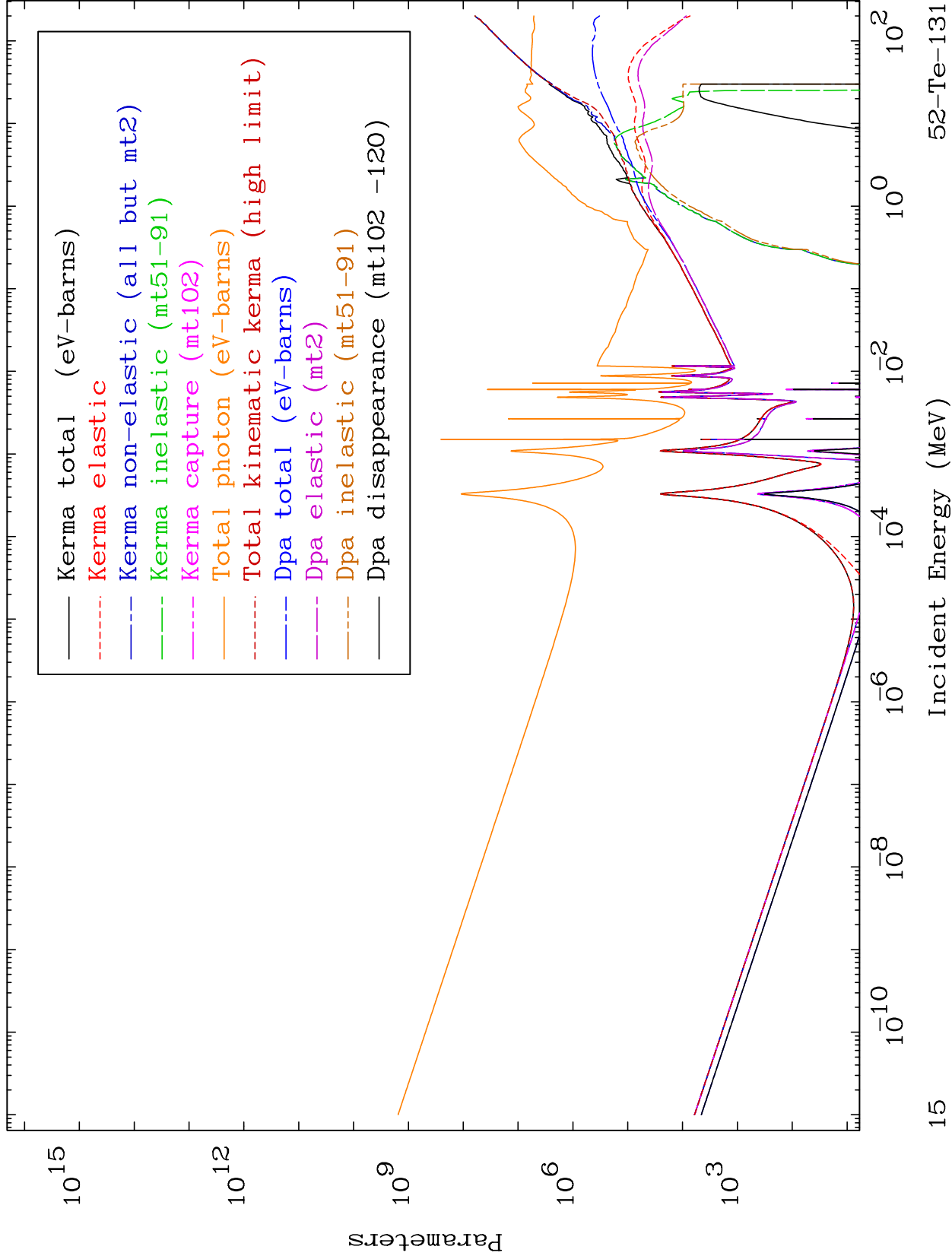
52-Te-131

MAT 5258

(n, α) Levels
293 Kelvin Cross Sections

52-Te-131

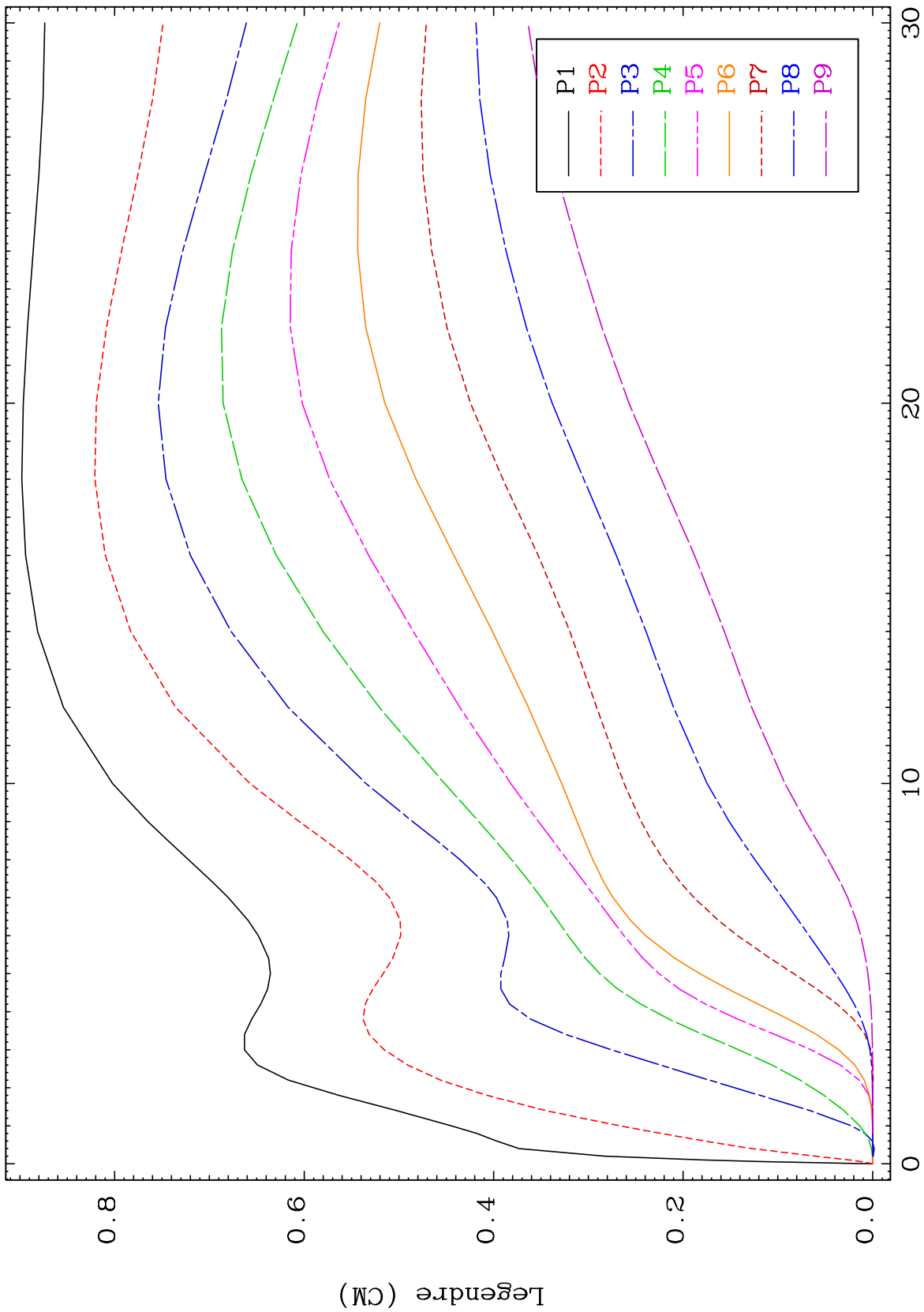




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Elastic Legendre Coefficients



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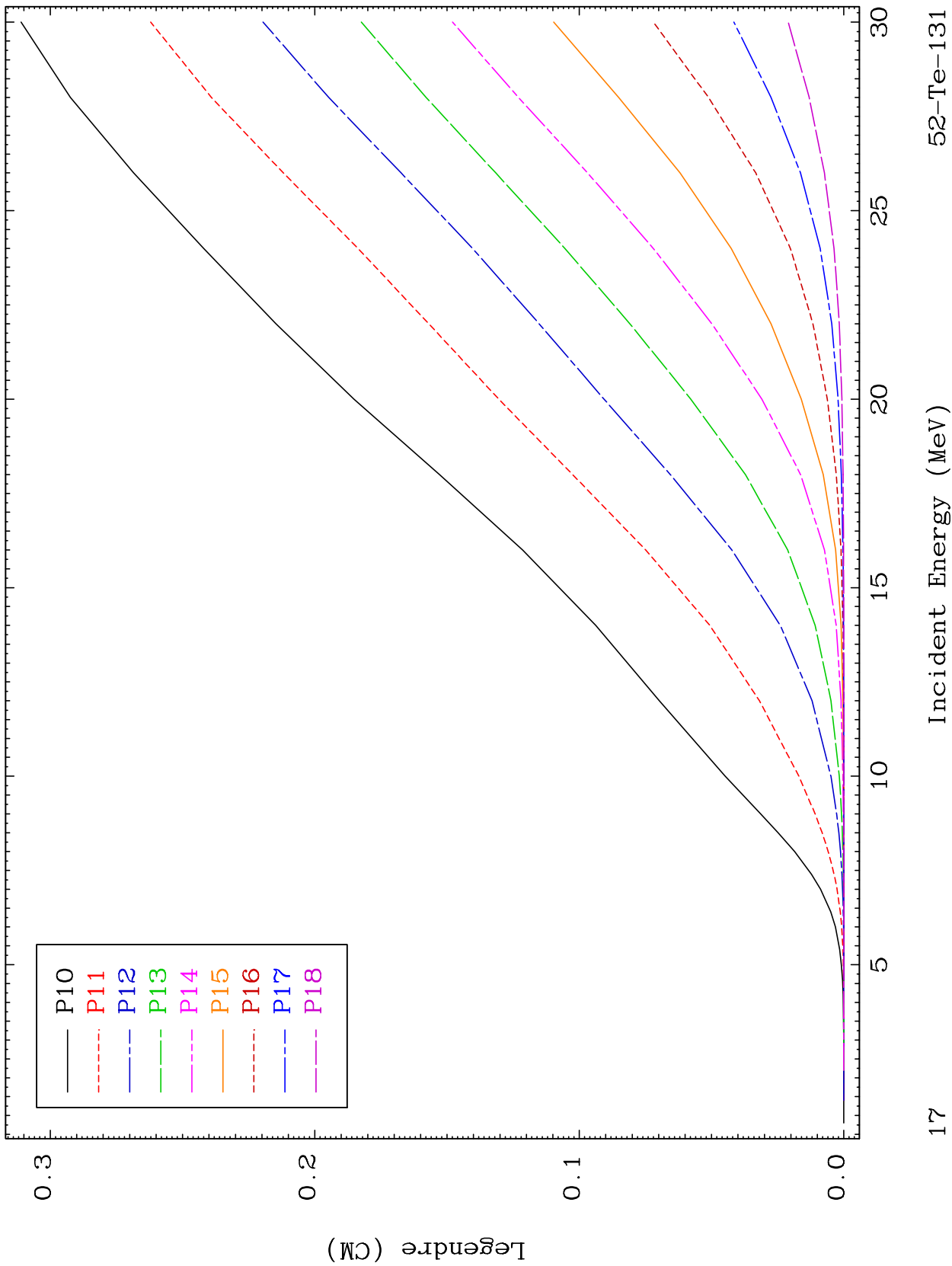
Incident Energy (MeV)

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MAT 5258

Elastic Legendre Coefficients

52-Te-131

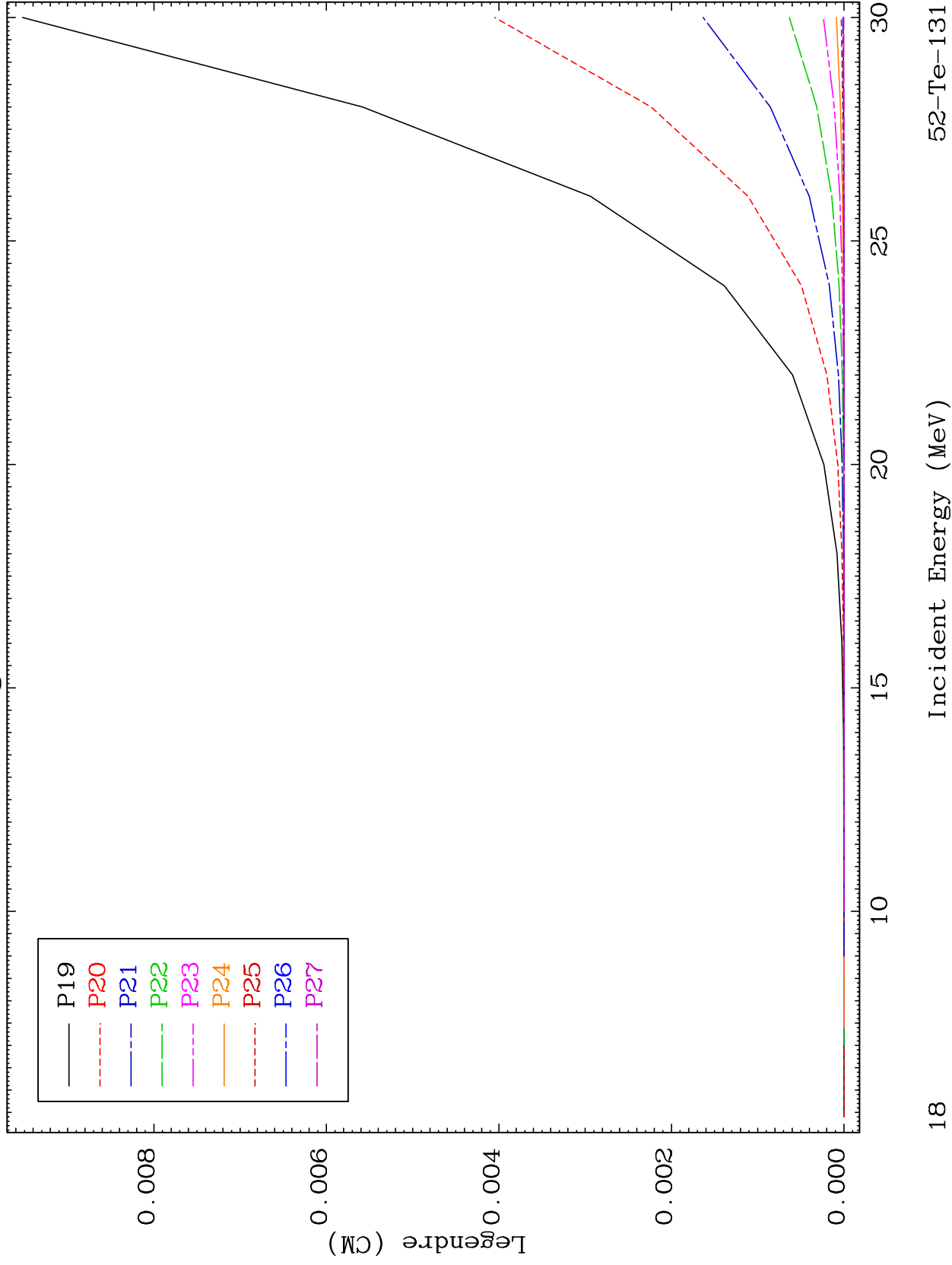


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Elastic Legendre Coefficients

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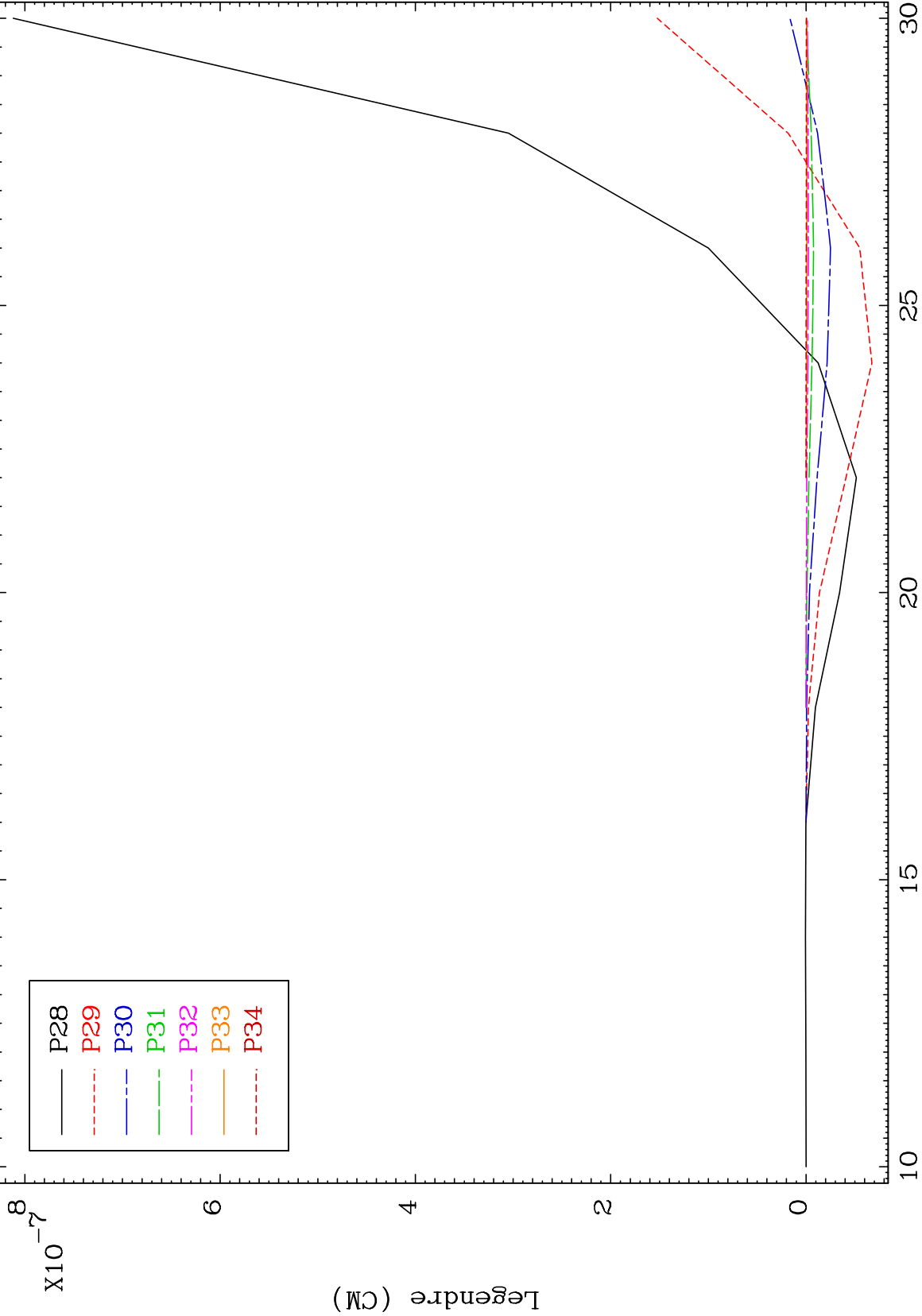
Incident Energy (MeV)

52-Te-131

MAT 5258

Elastic Legendre Coefficients

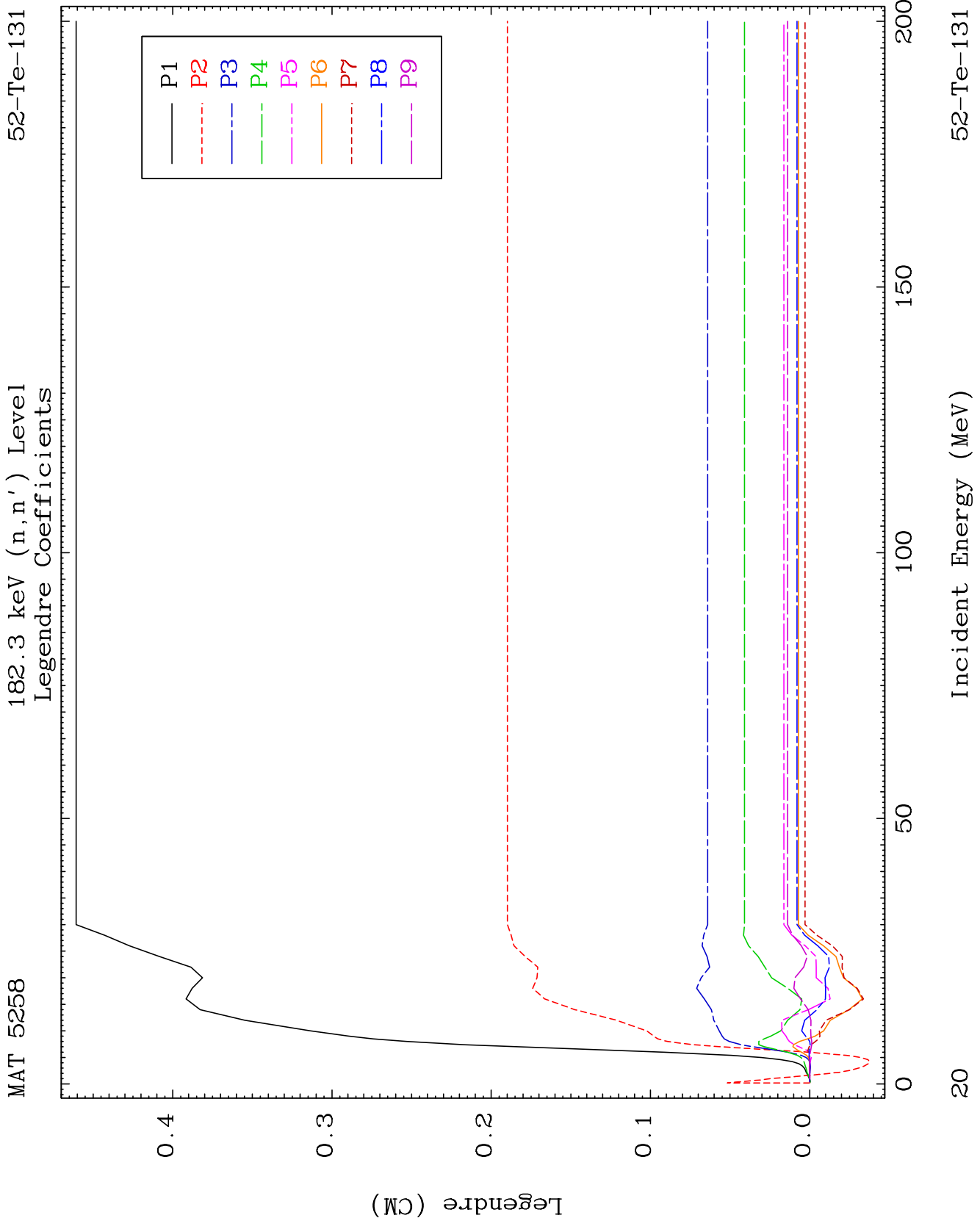
52-Te-131



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Incident Energy (MeV)

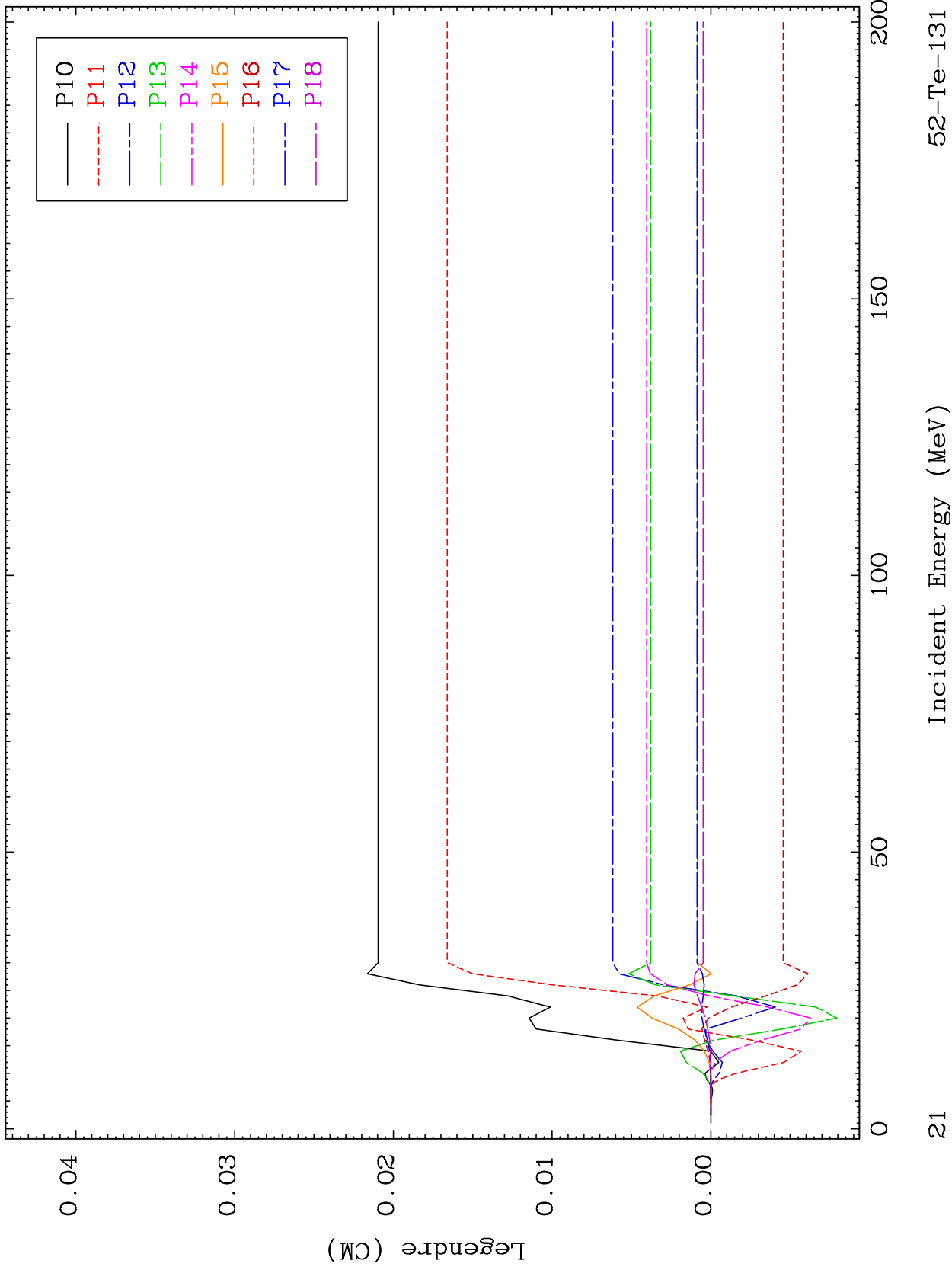
52-Te-131



MAT 5258

182.3 keV (n,n') Level
Legendre Coefficients

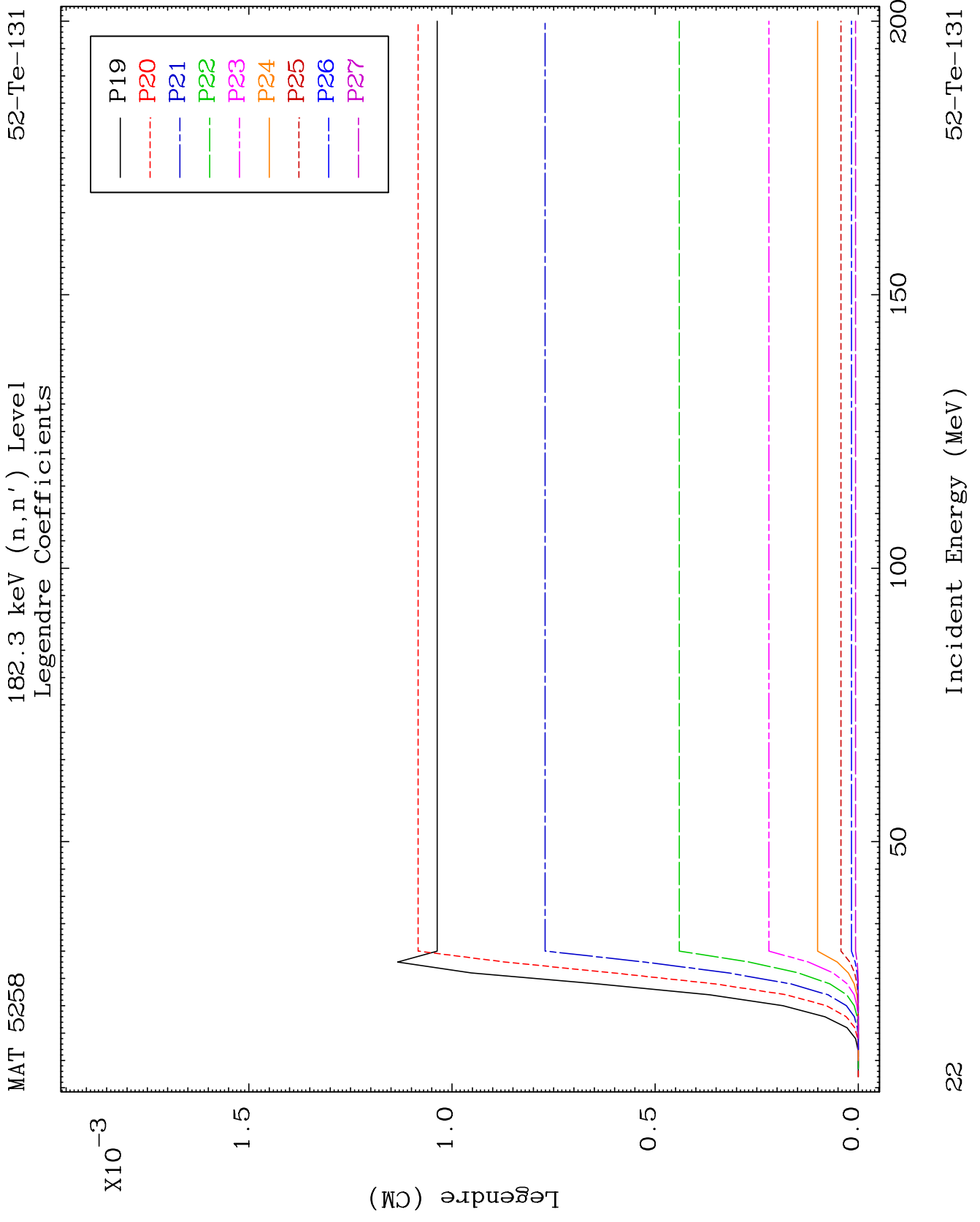
52-Te-131



21

Incident Energy (MeV)

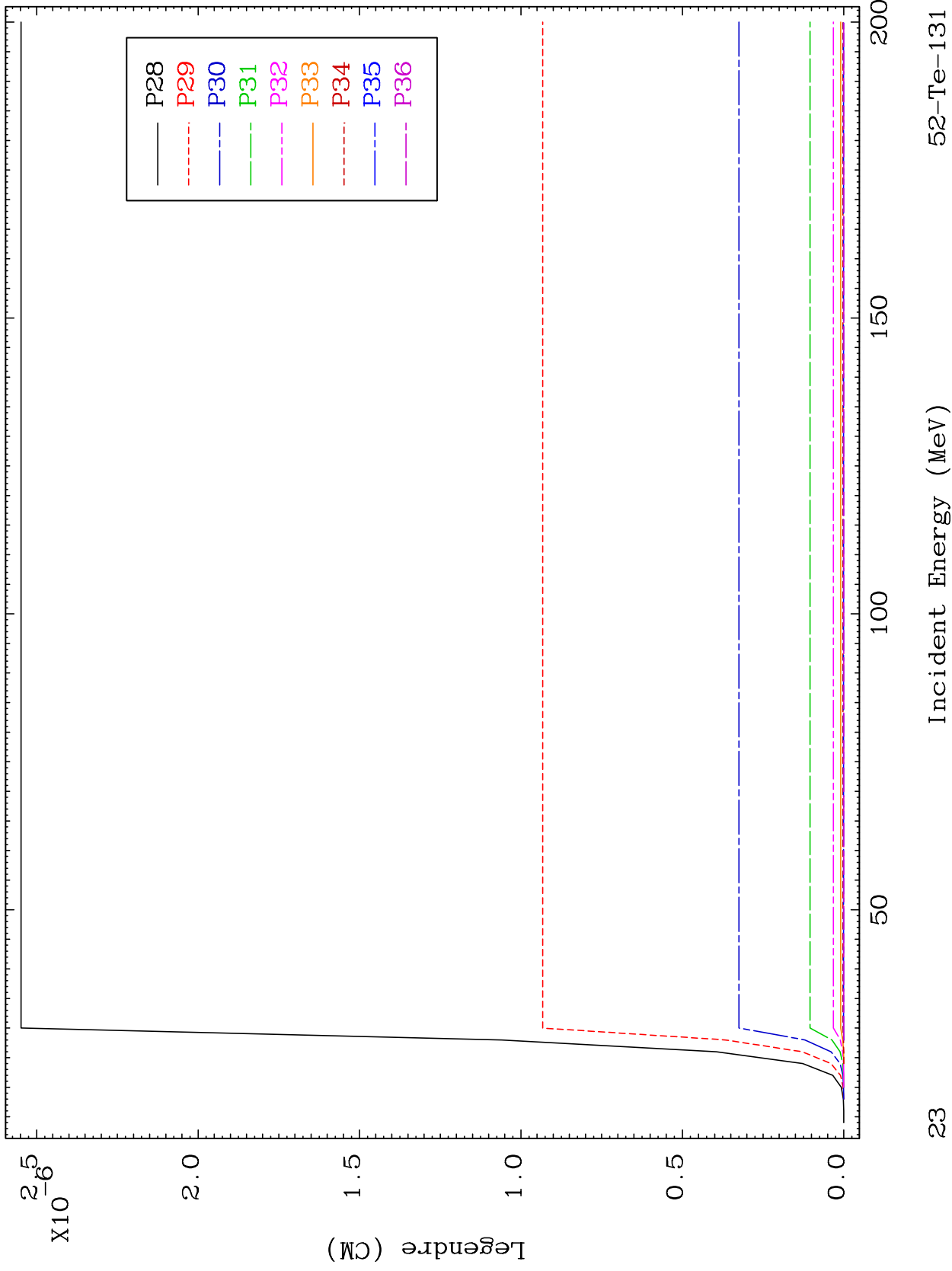
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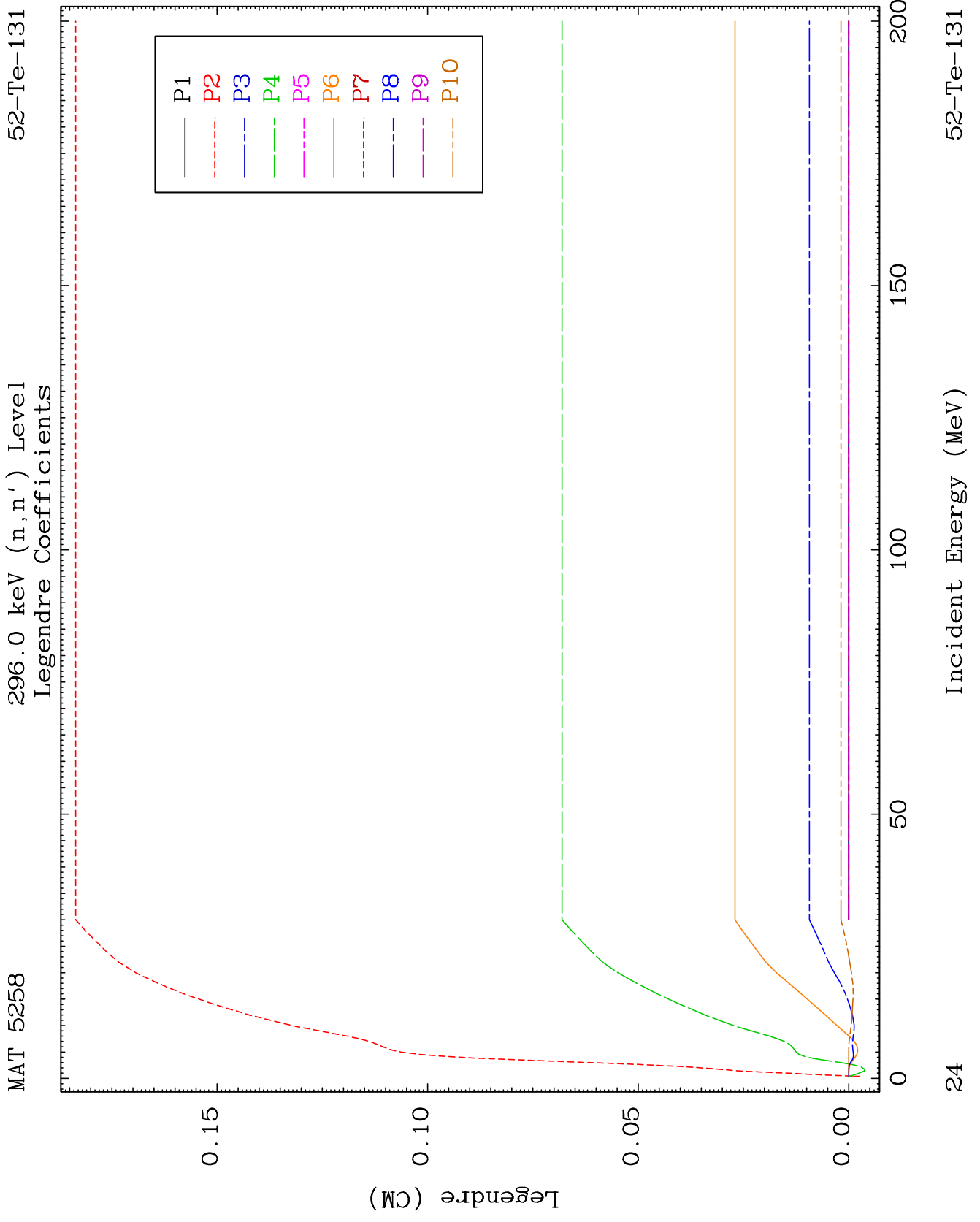


MAT 5258

182.3 keV (n,n') Level
Legendre Coefficients

52-Te-131

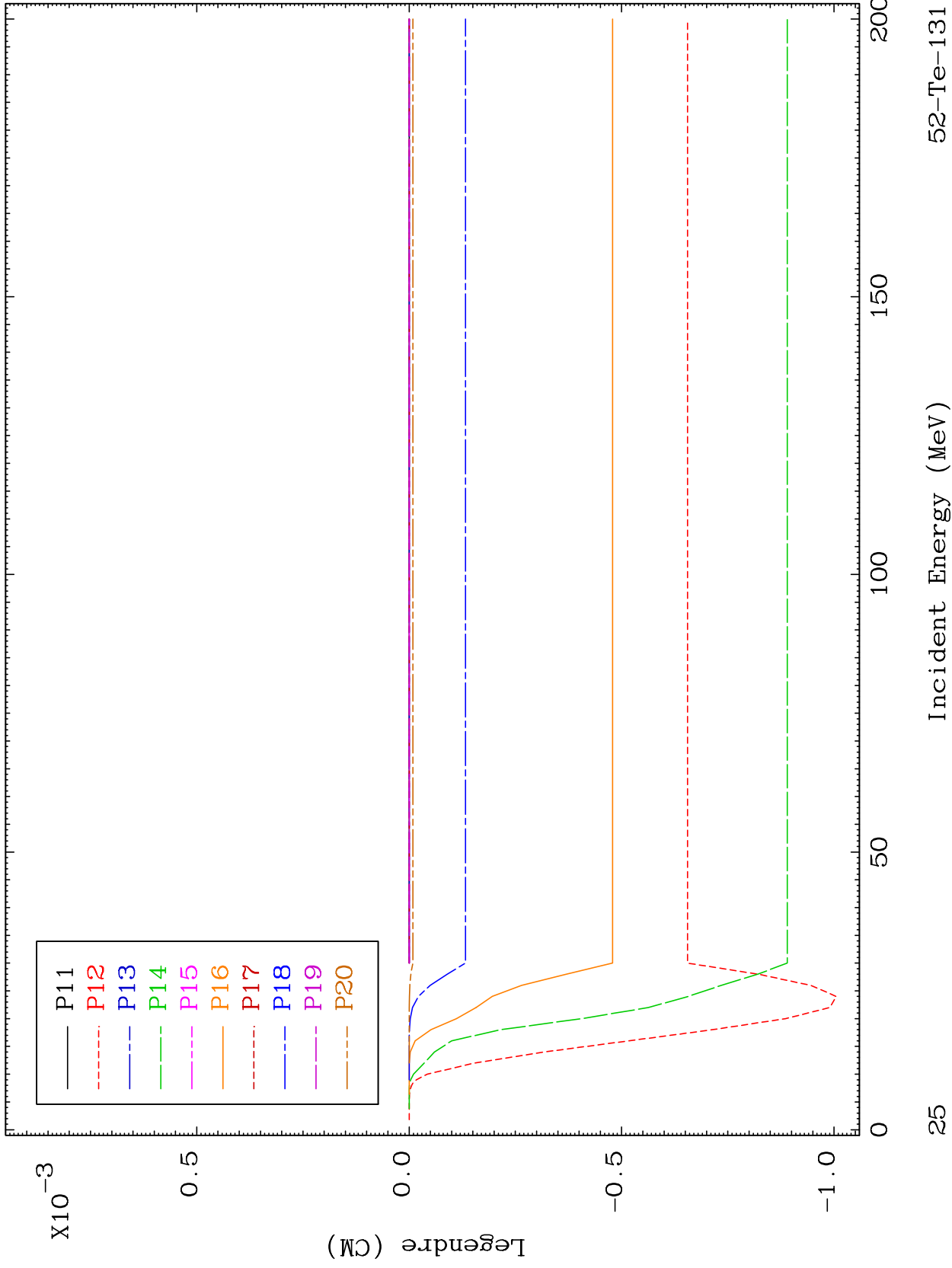


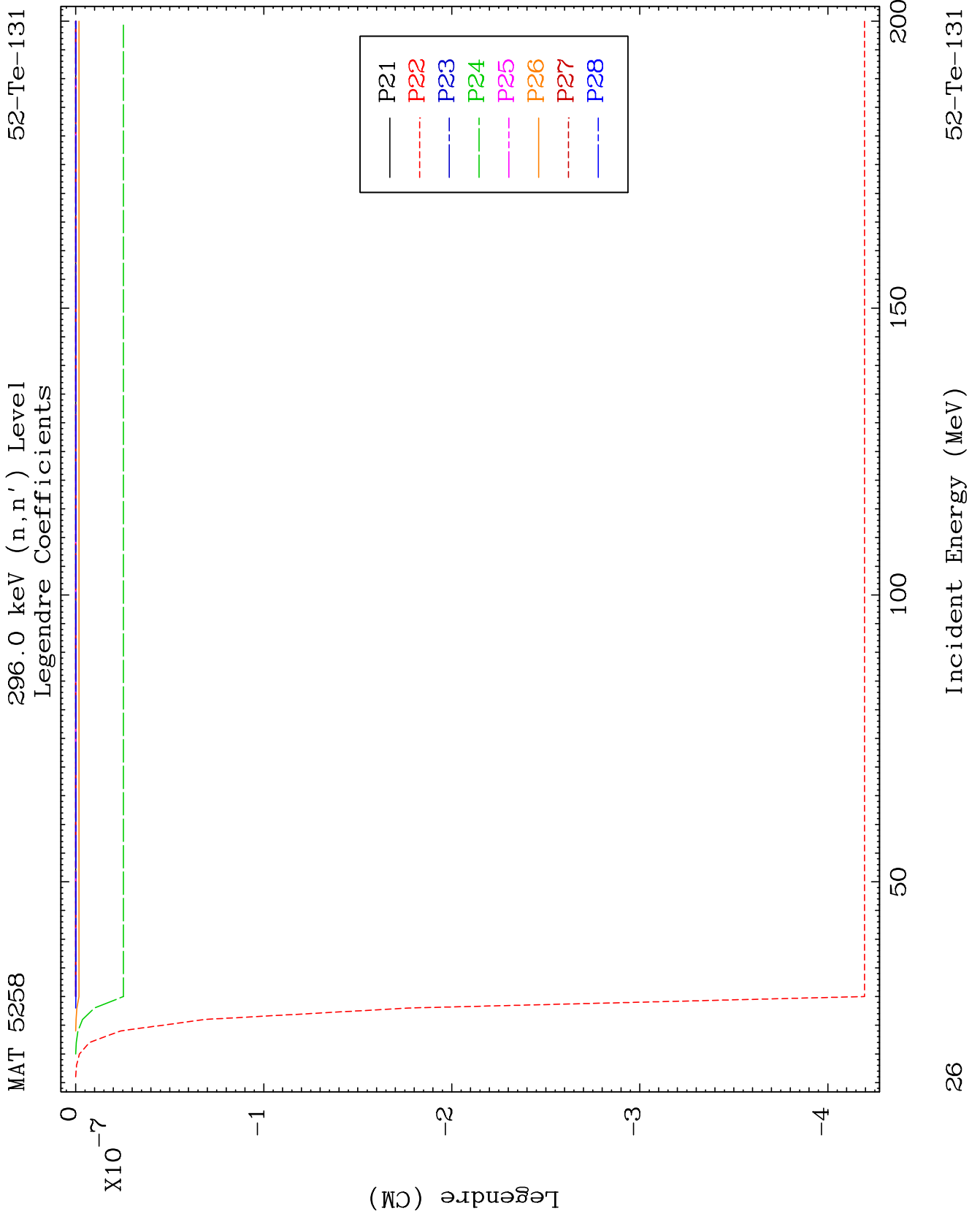


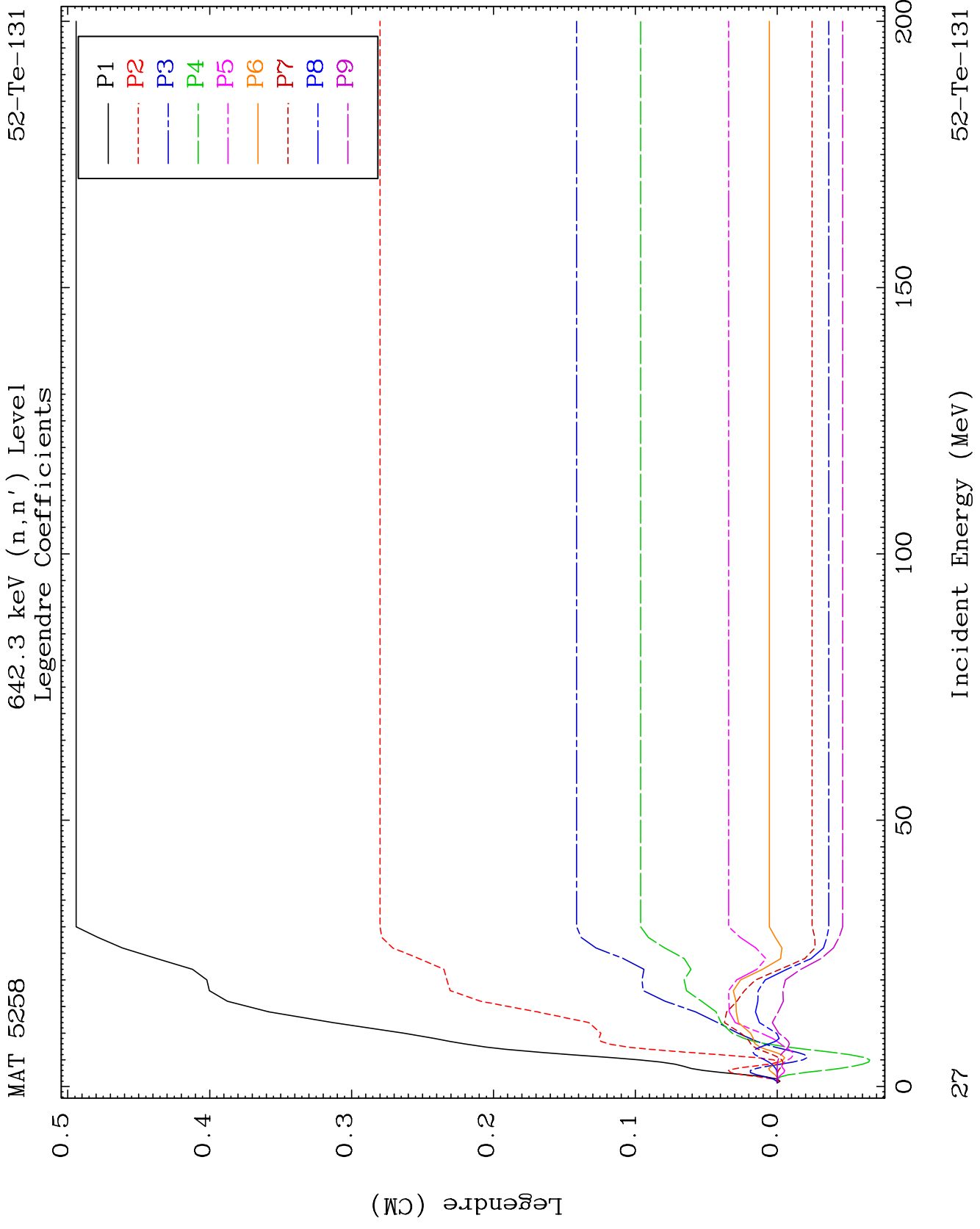
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296.0 keV (n,n') Level
Legendre Coefficients

52-Te-131



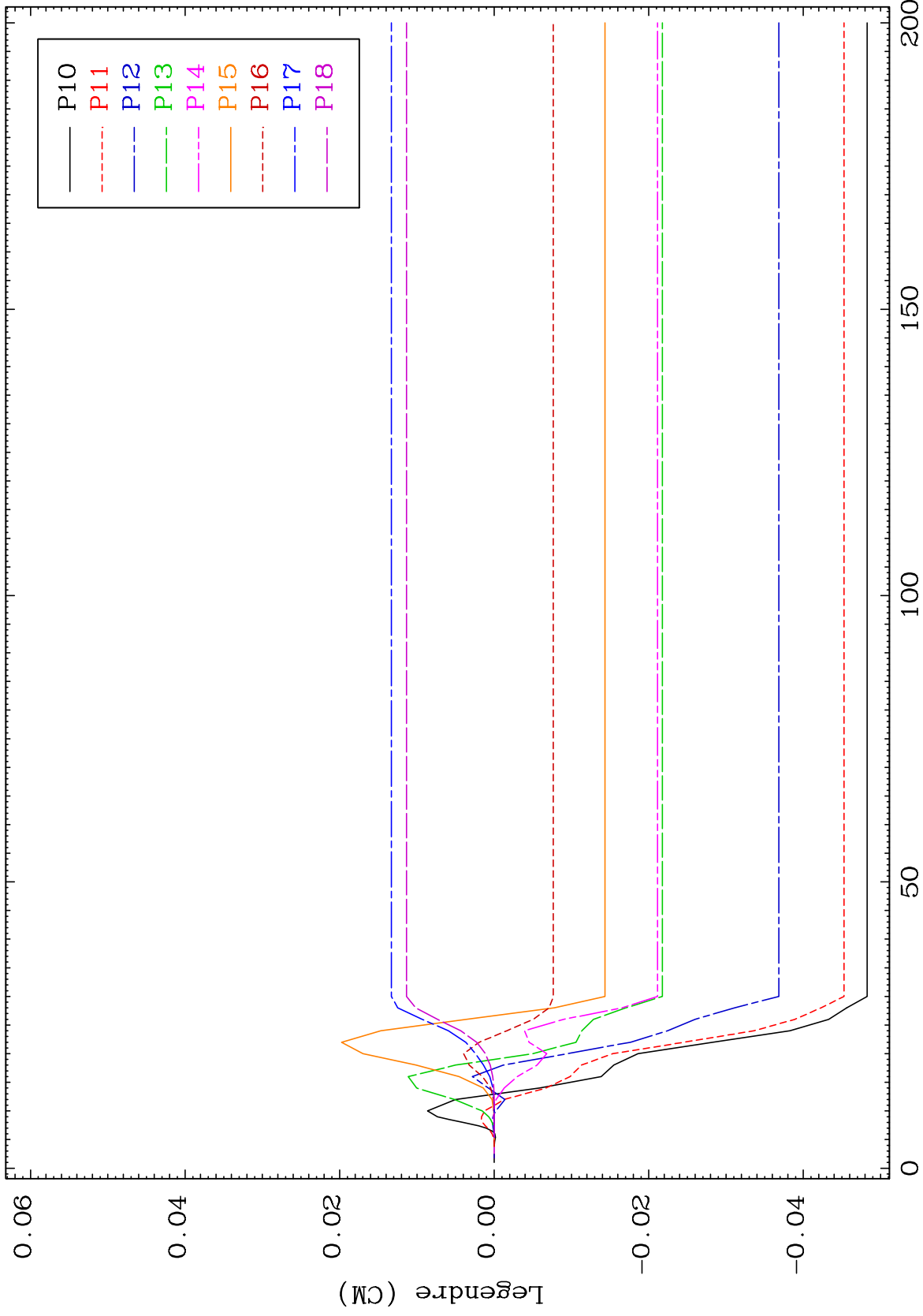




MAT 5258

642.3 keV (n,n') Level
Legendre Coefficients

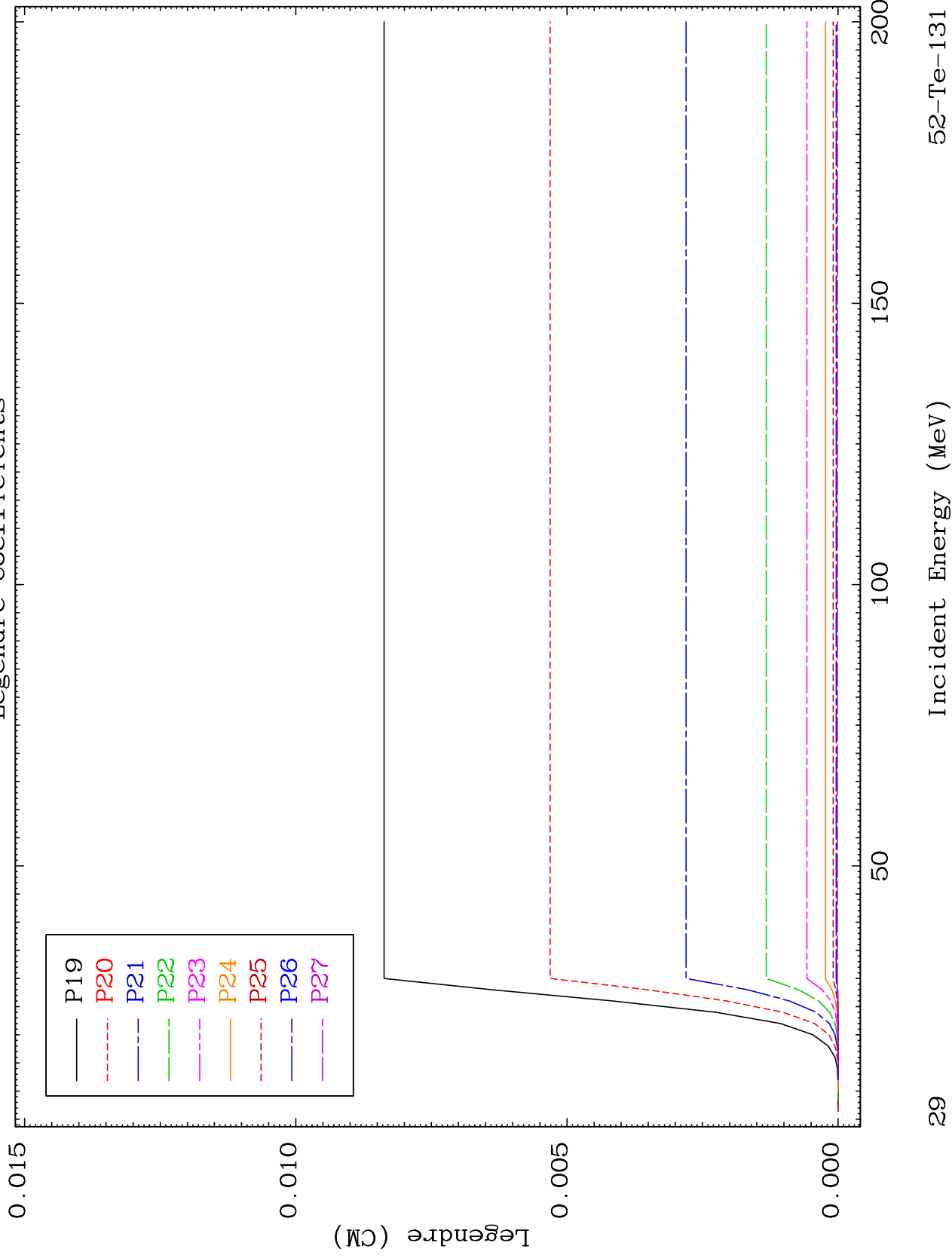
52-Te-131



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Incident Energy (MeV)

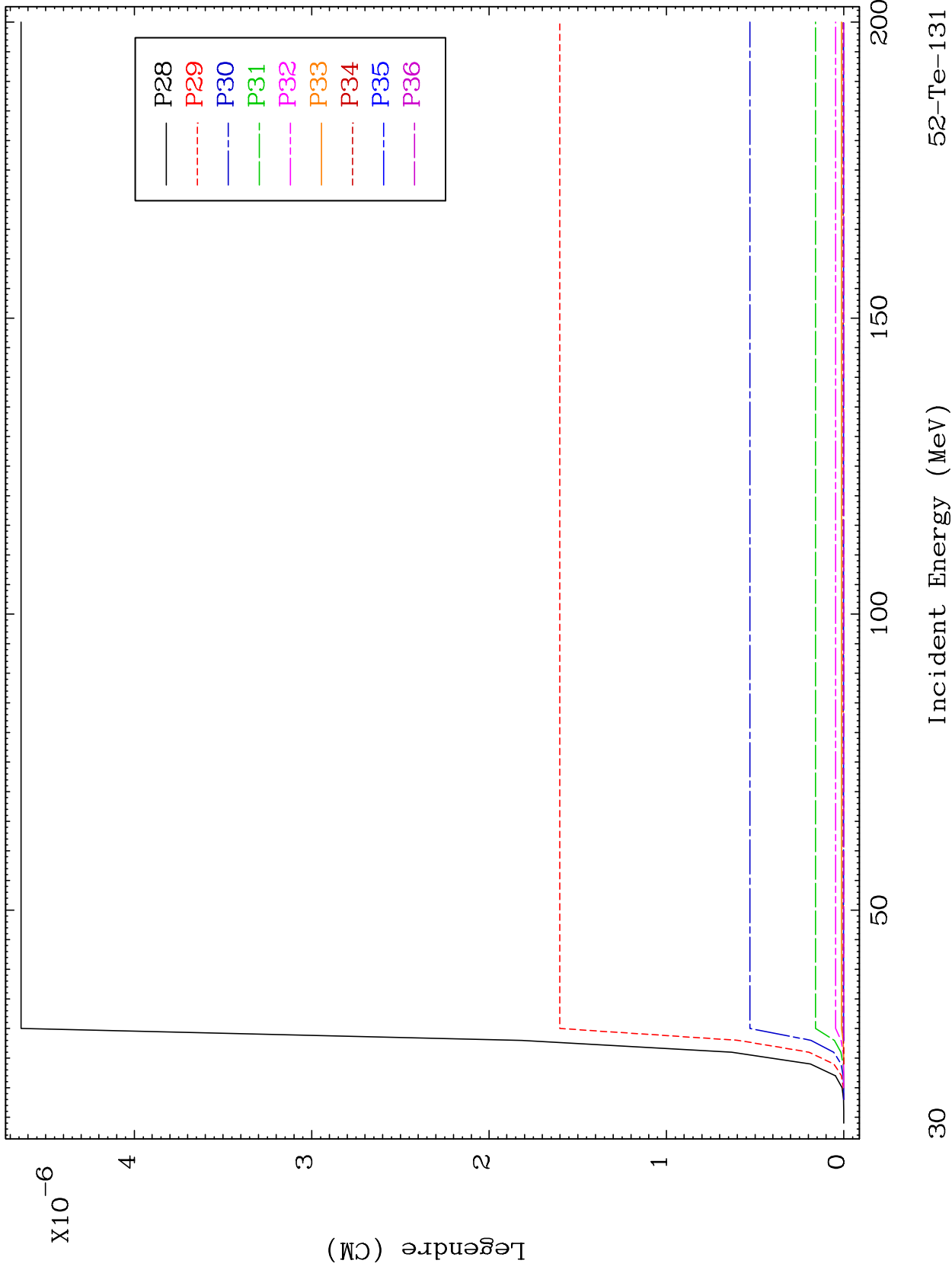
52-Te-131

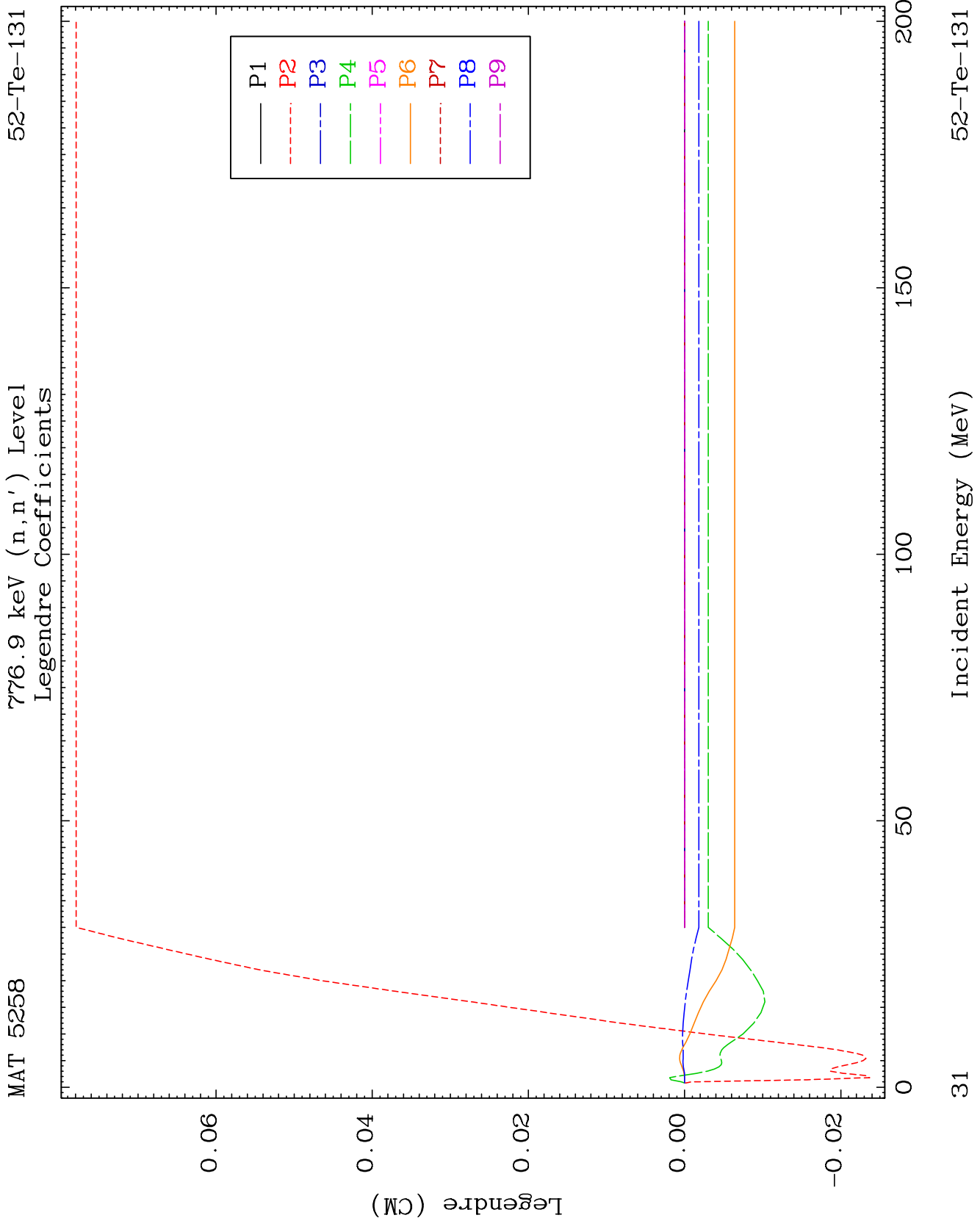


MAT 5258

642.3 keV (n,n') Level
Legendre Coefficients

52-Te-131

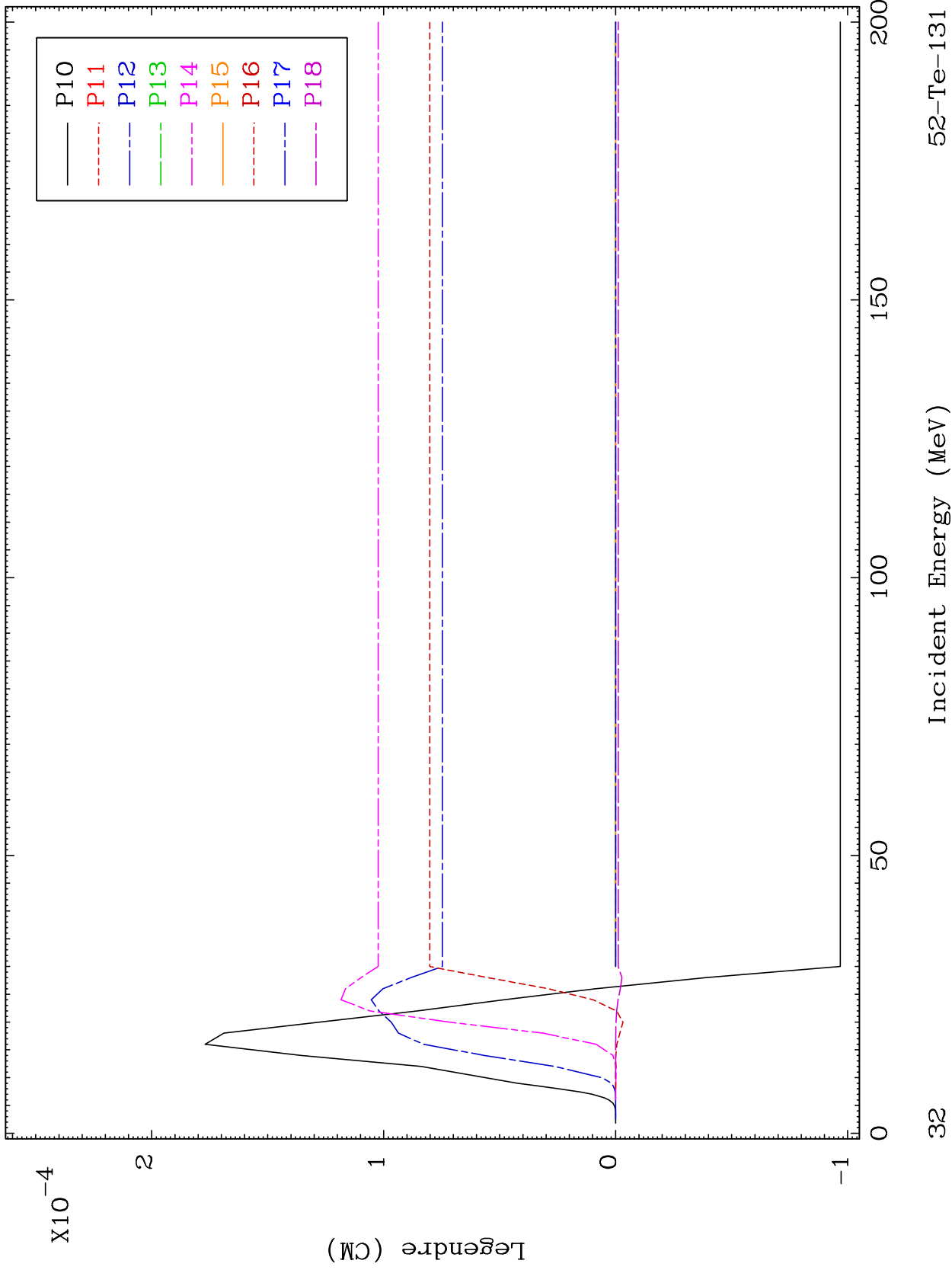




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776.9 keV (n,n') Level
Legendre Coefficients

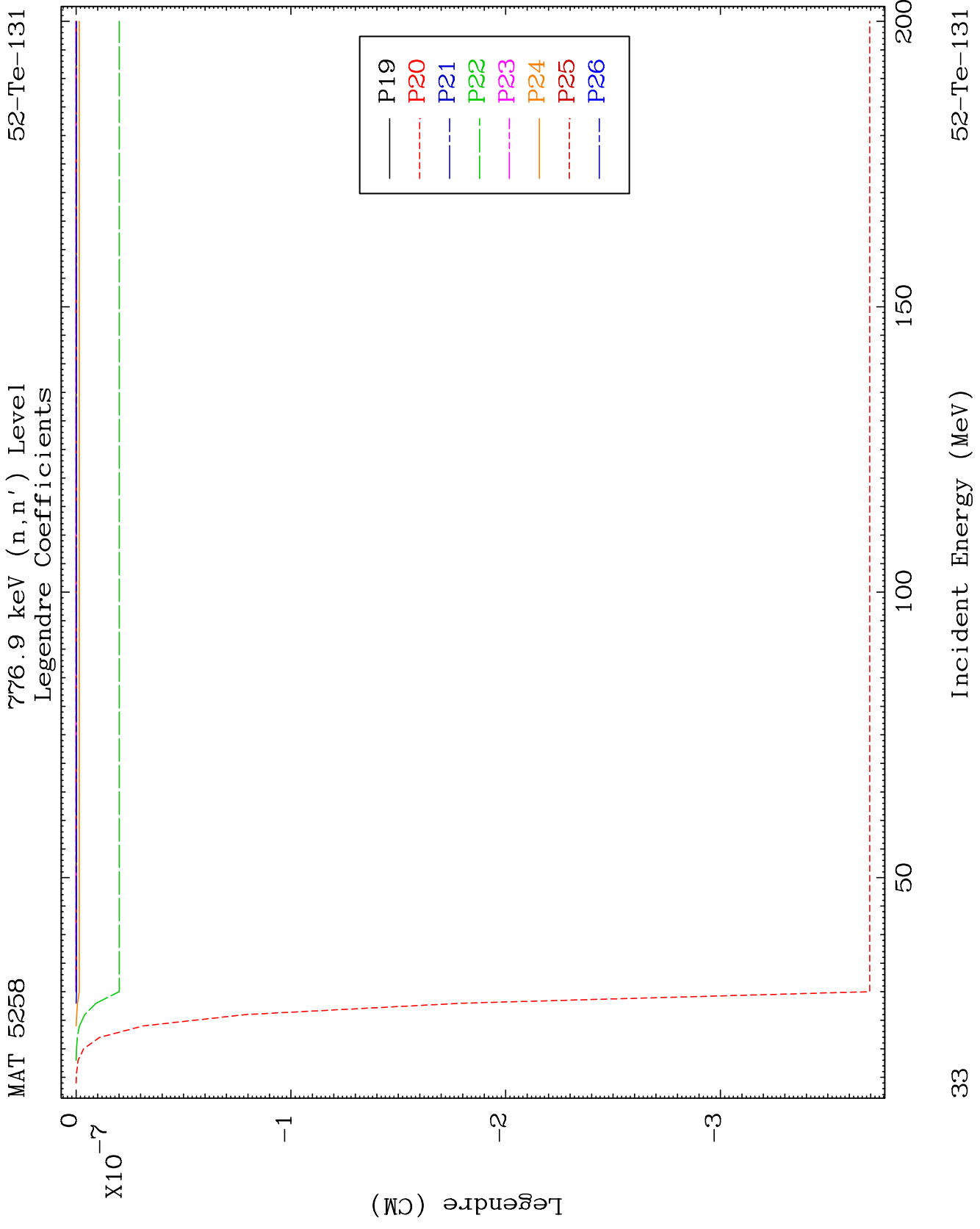
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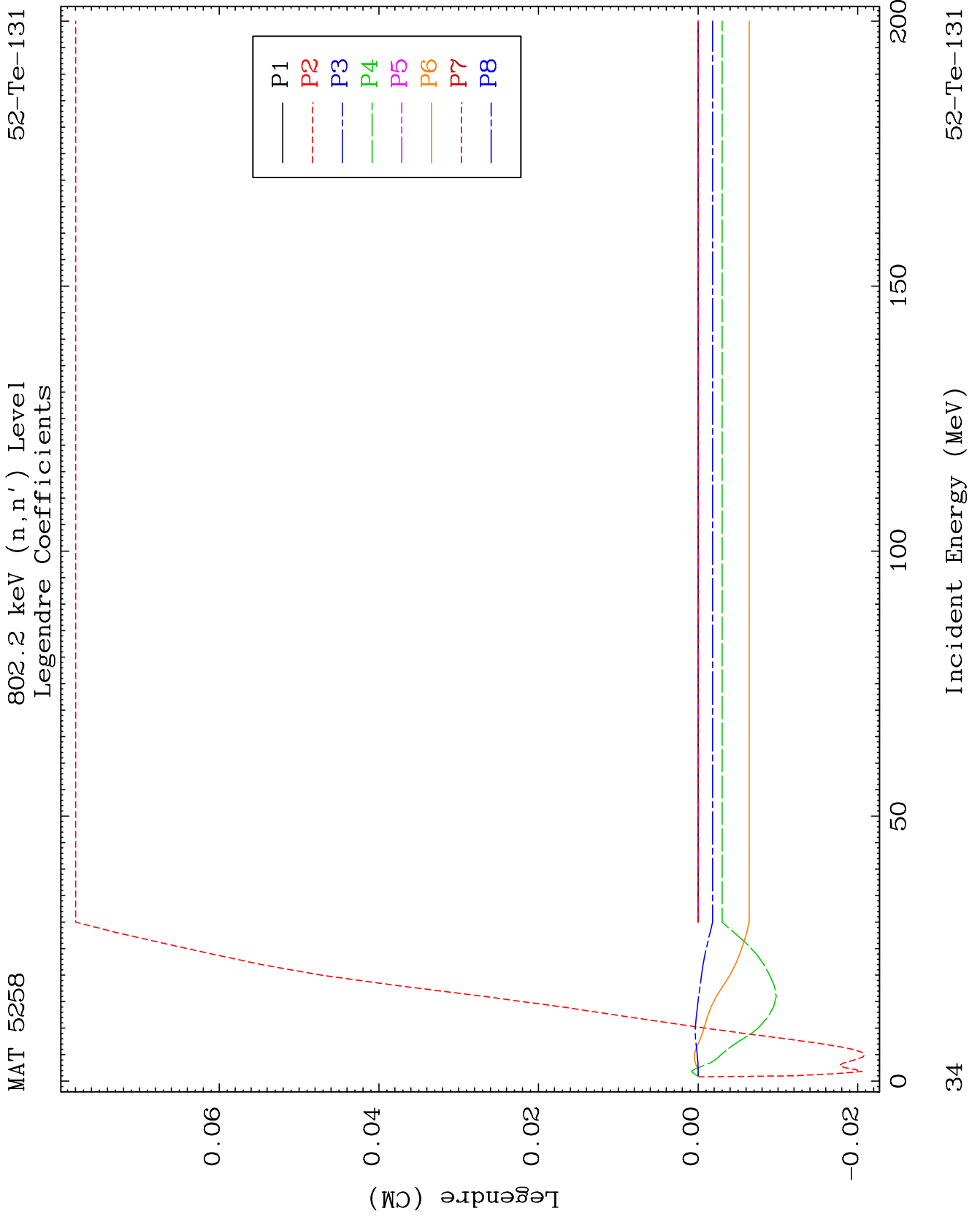


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Incident Energy (MeV)

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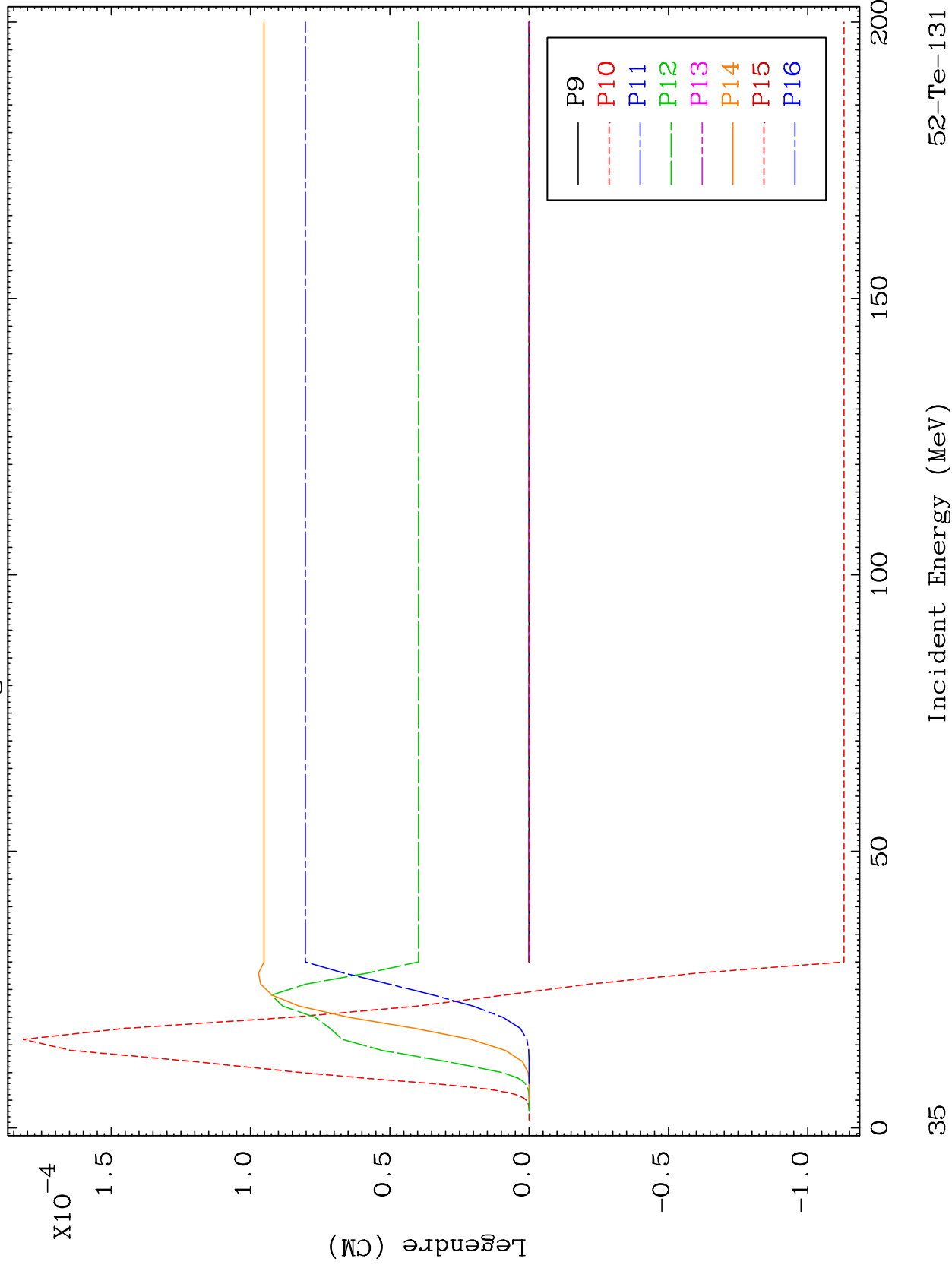




MAT 5258

802.2 keV (n,n') Level
Legendre Coefficients

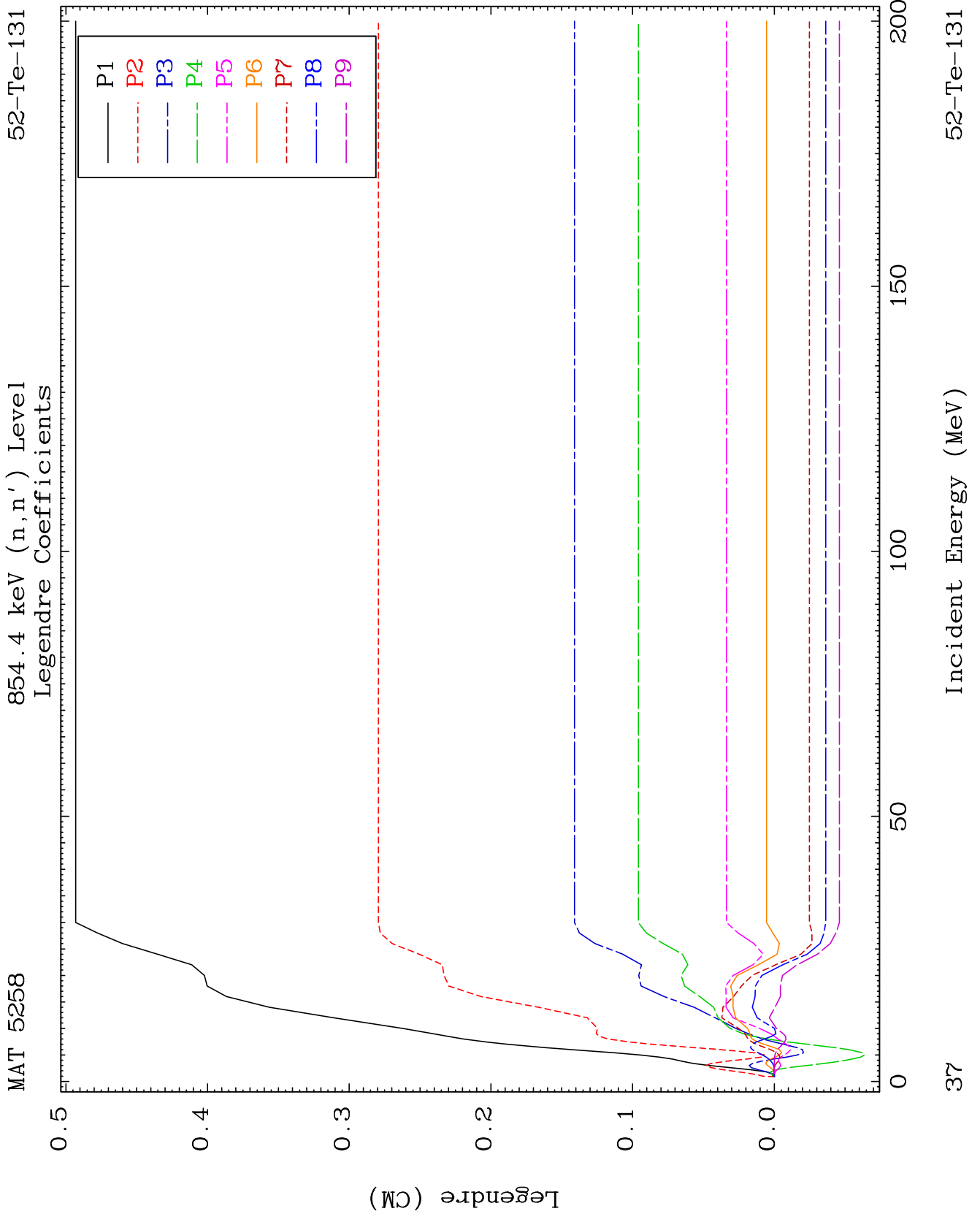
52-Te-131



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Incident Energy (MeV)

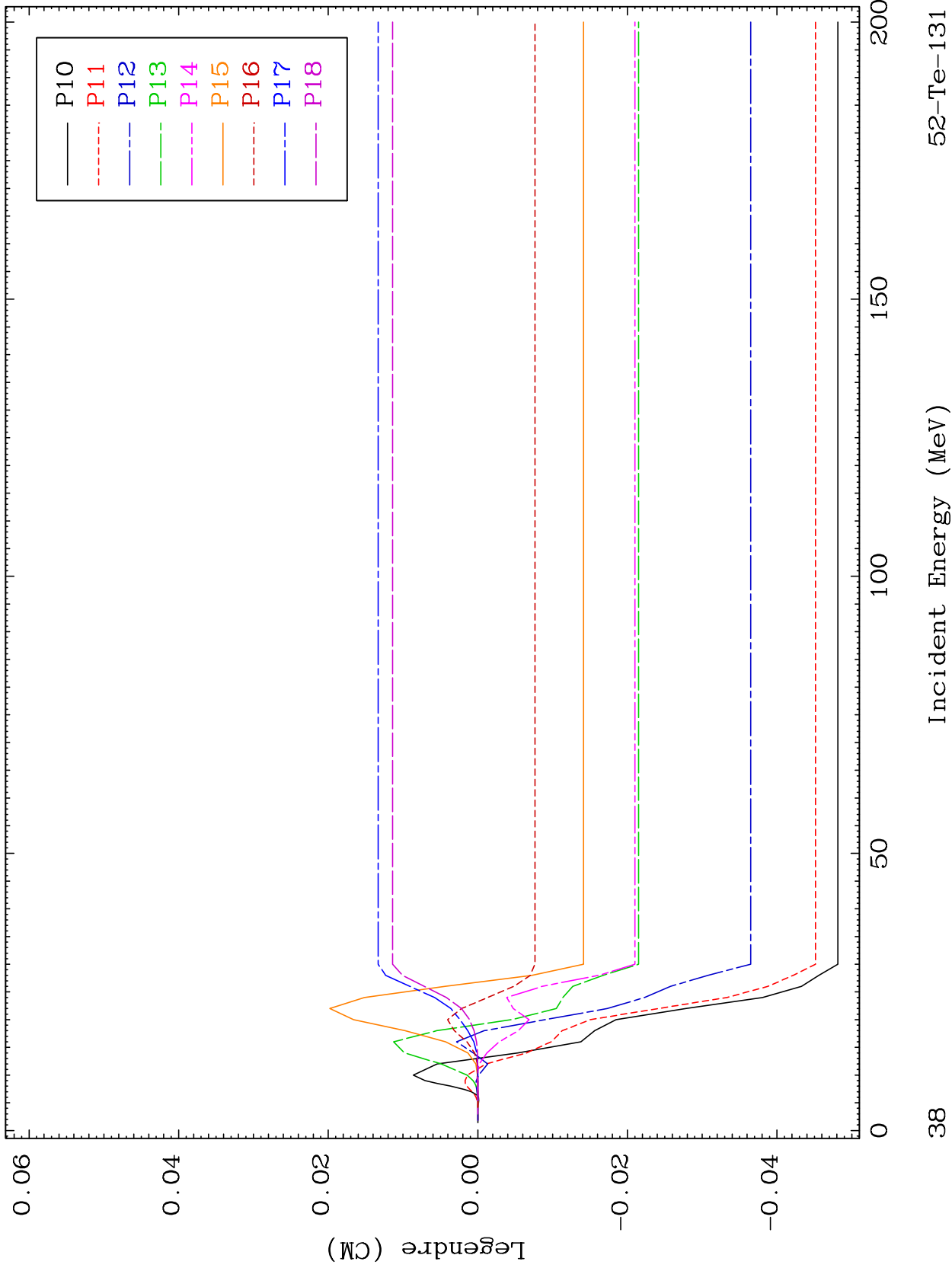
52-Te-131



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854.4 keV (n,n') Level
Legendre Coefficients

52-Te-131



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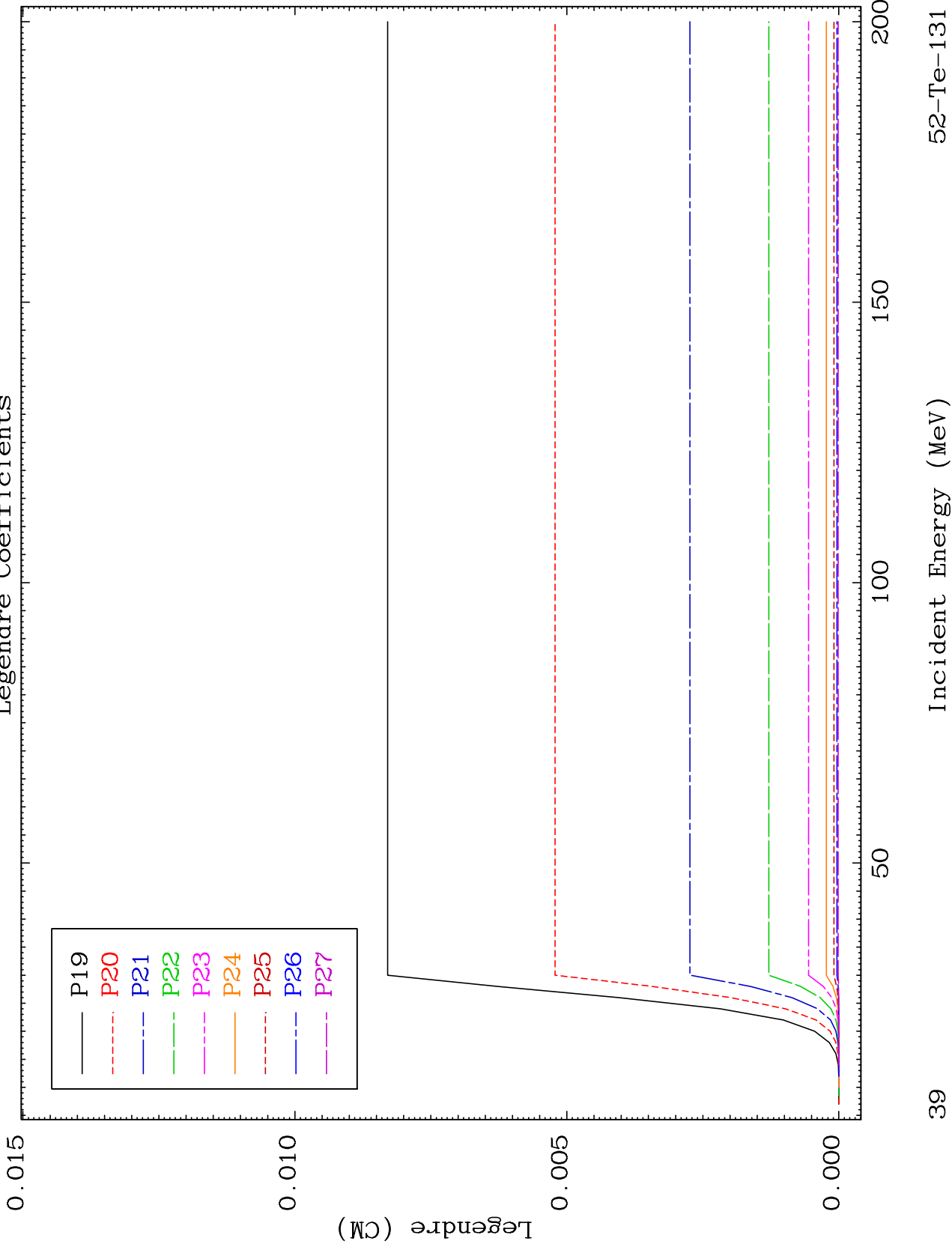
Incident Energy (MeV)

52-Te-131

MAT 5258

854.4 keV (n,n') Level
Legendre Coefficients

52-Te-131



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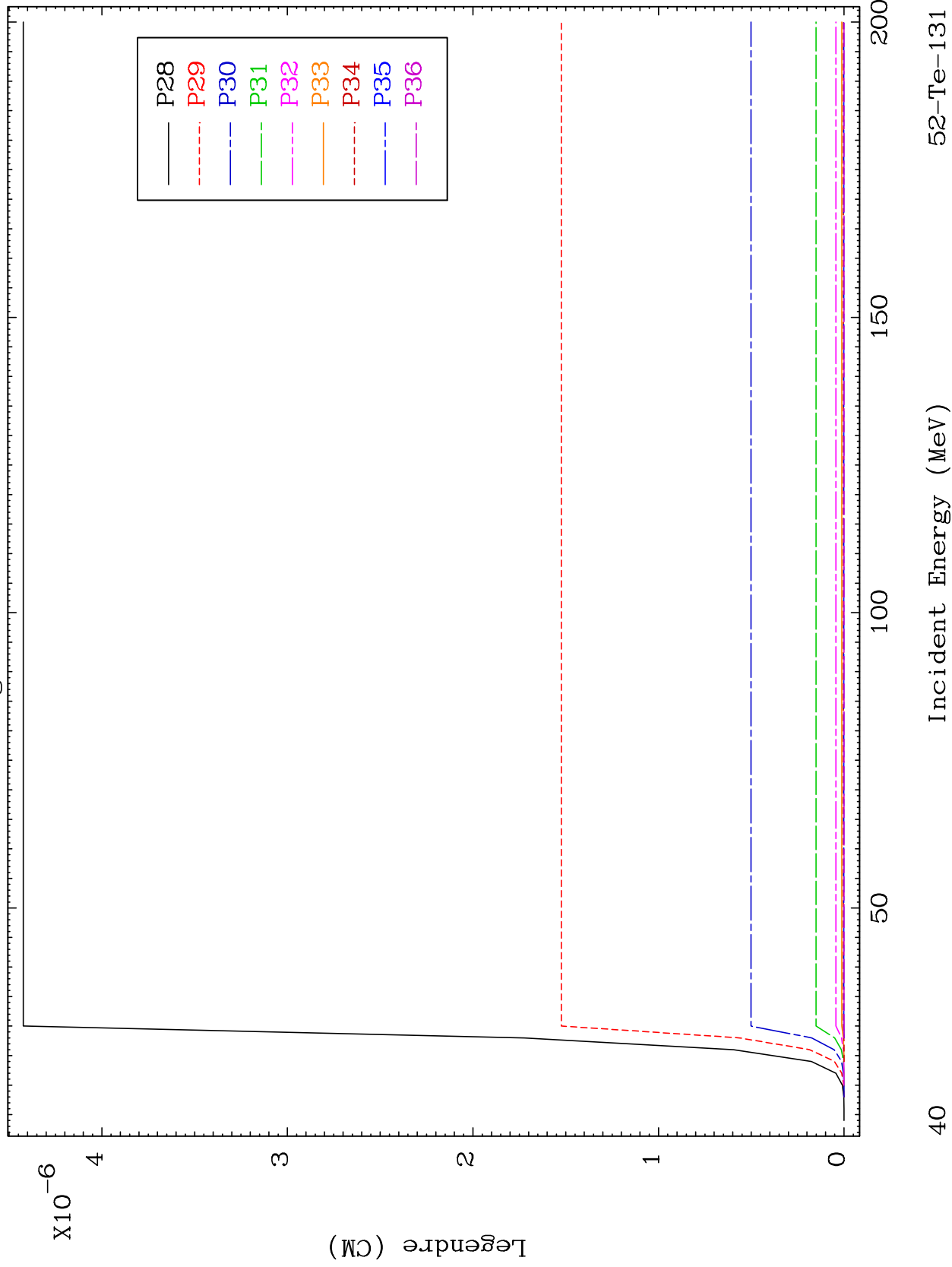
Incident Energy (MeV)

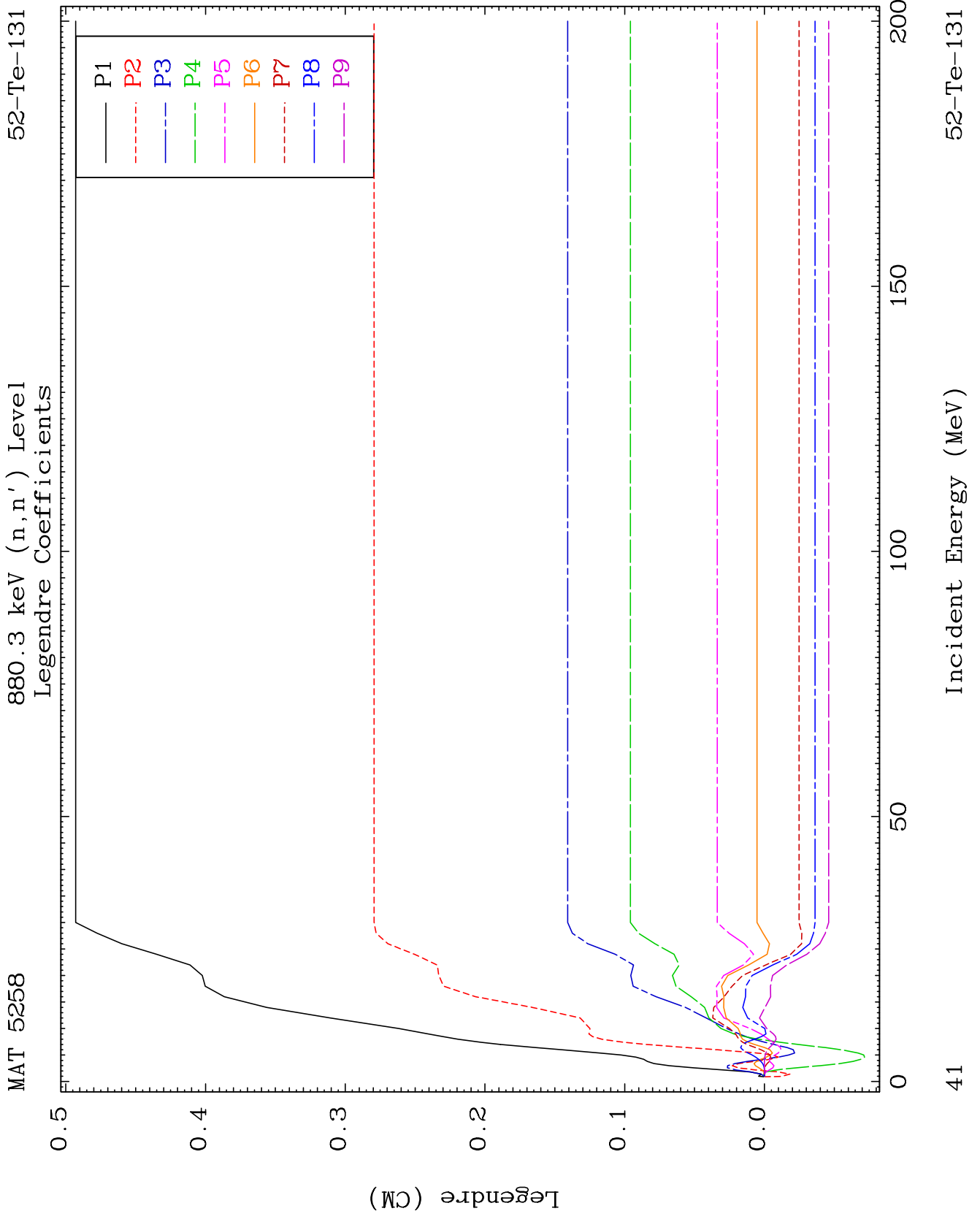
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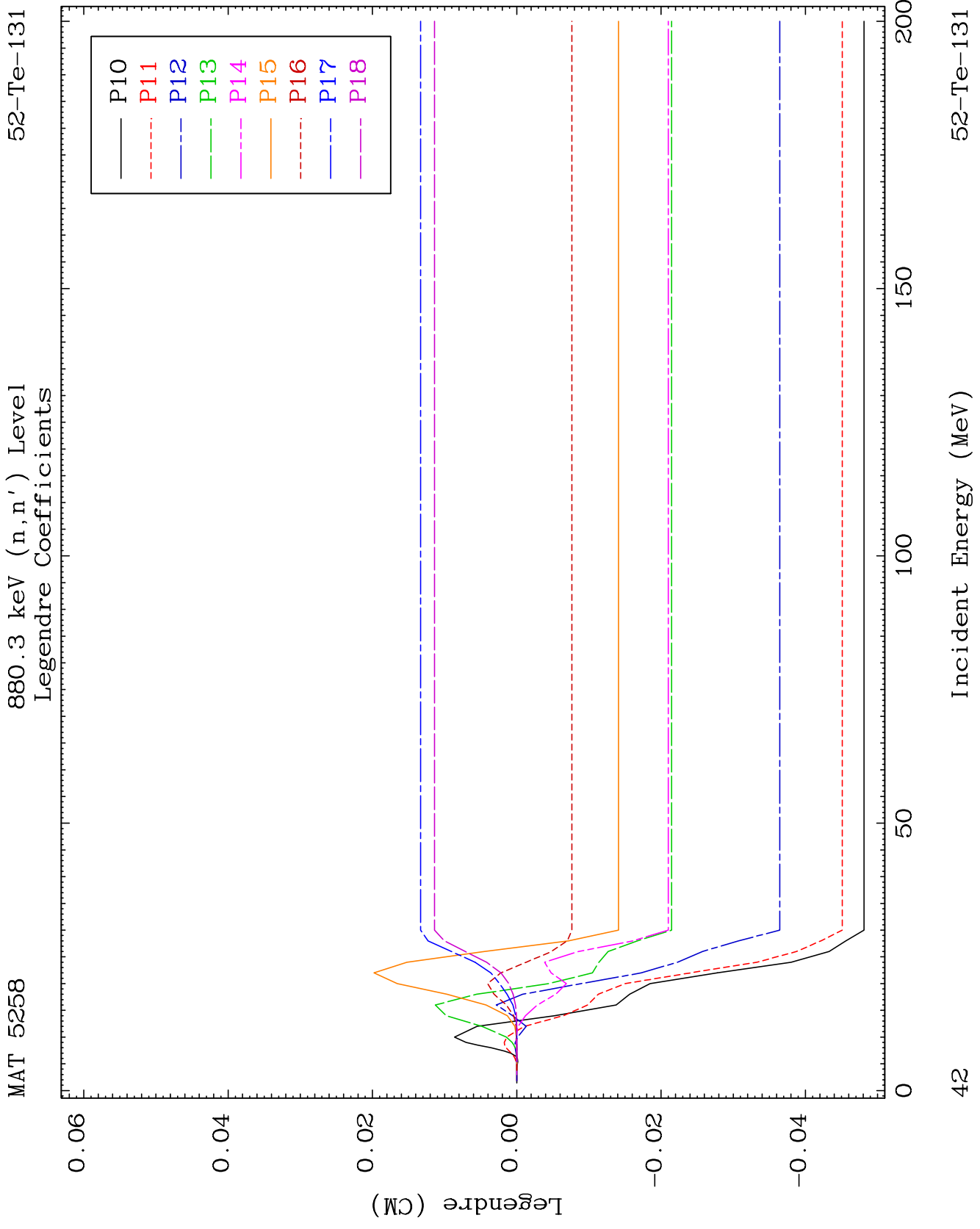
MAT 5258

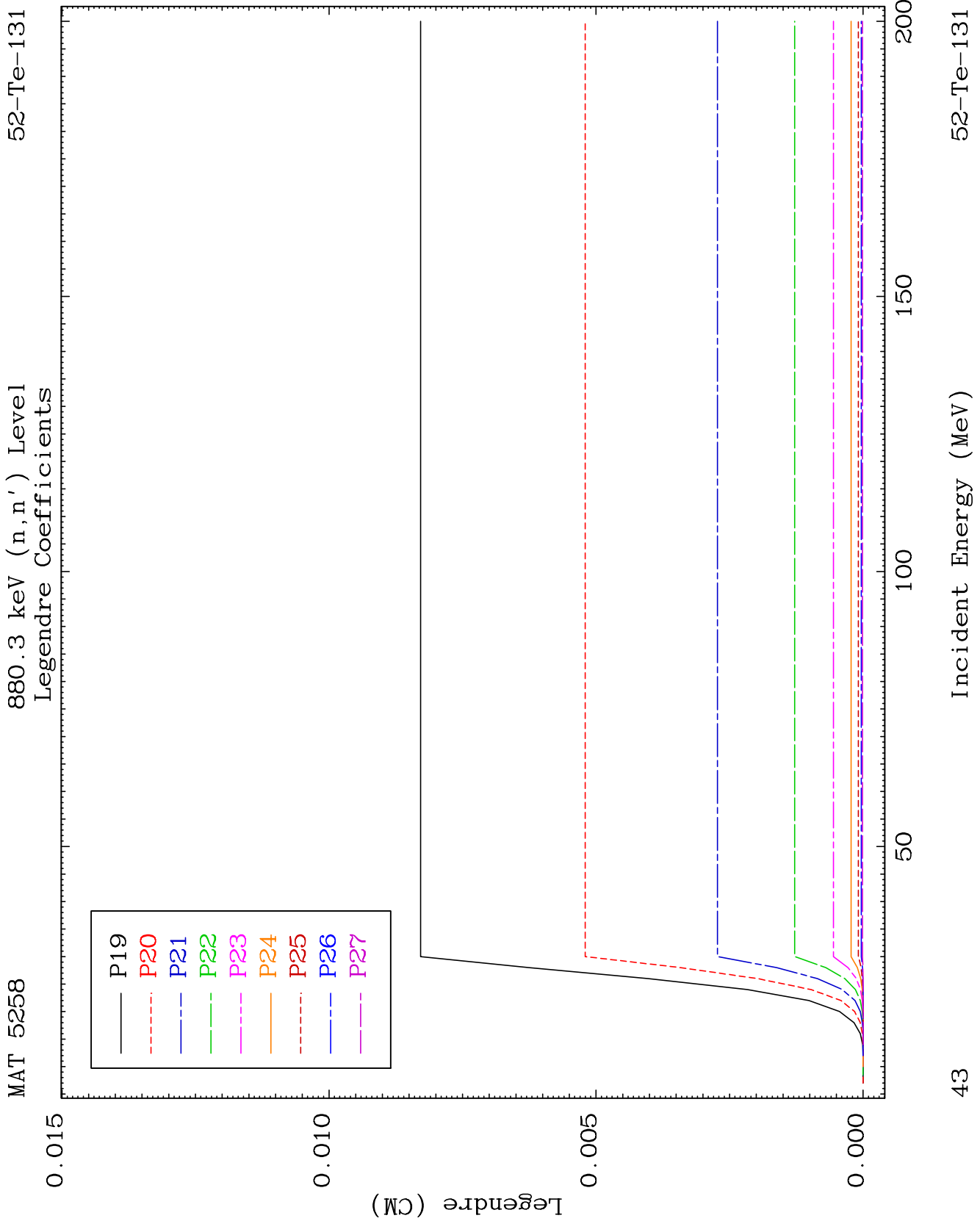
854.4 keV (n, n') Level
Legendre Coefficients

52-Te-131





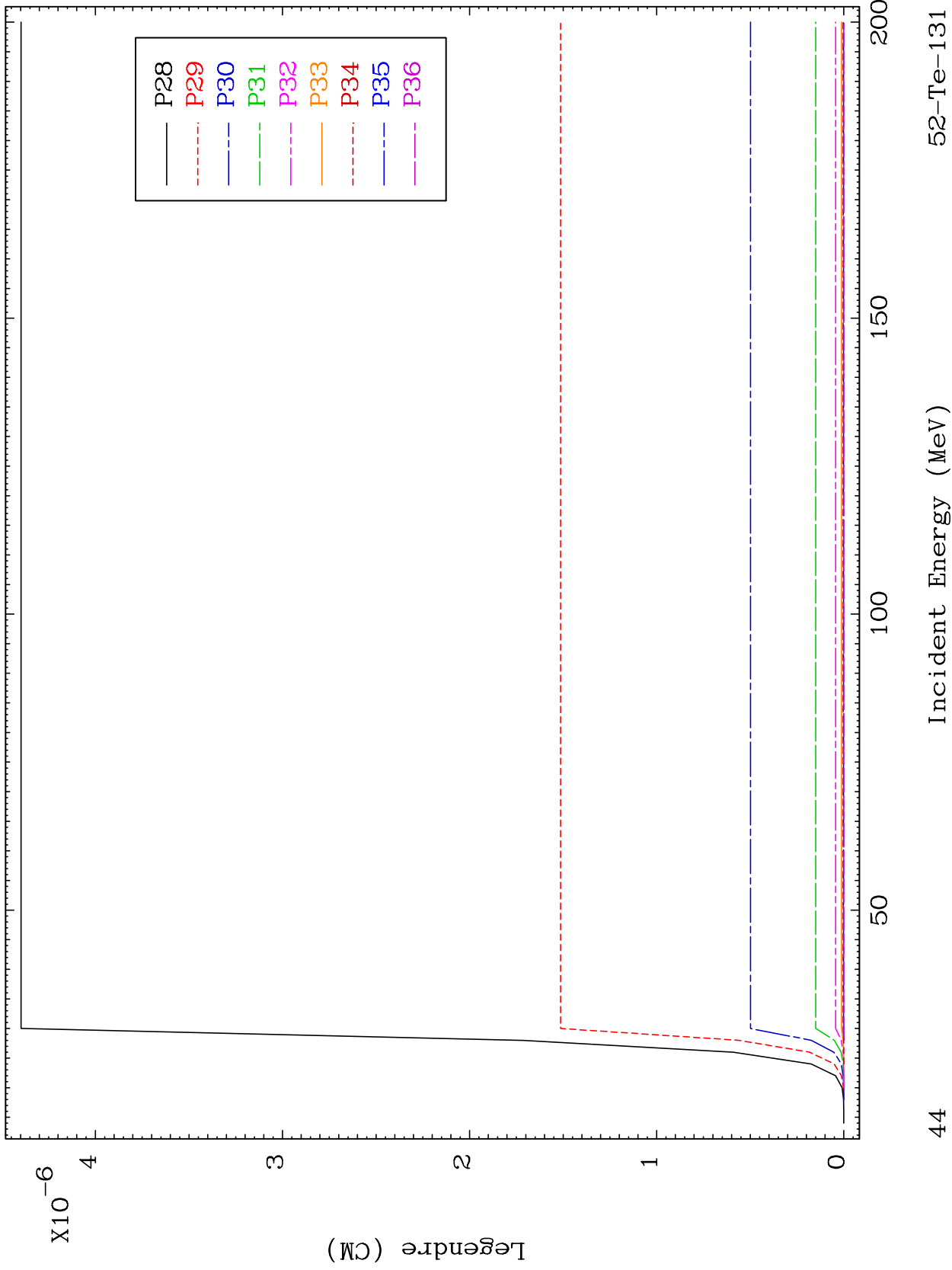




MAT 5258

880.3 keV (n,n') Level
Legendre Coefficients

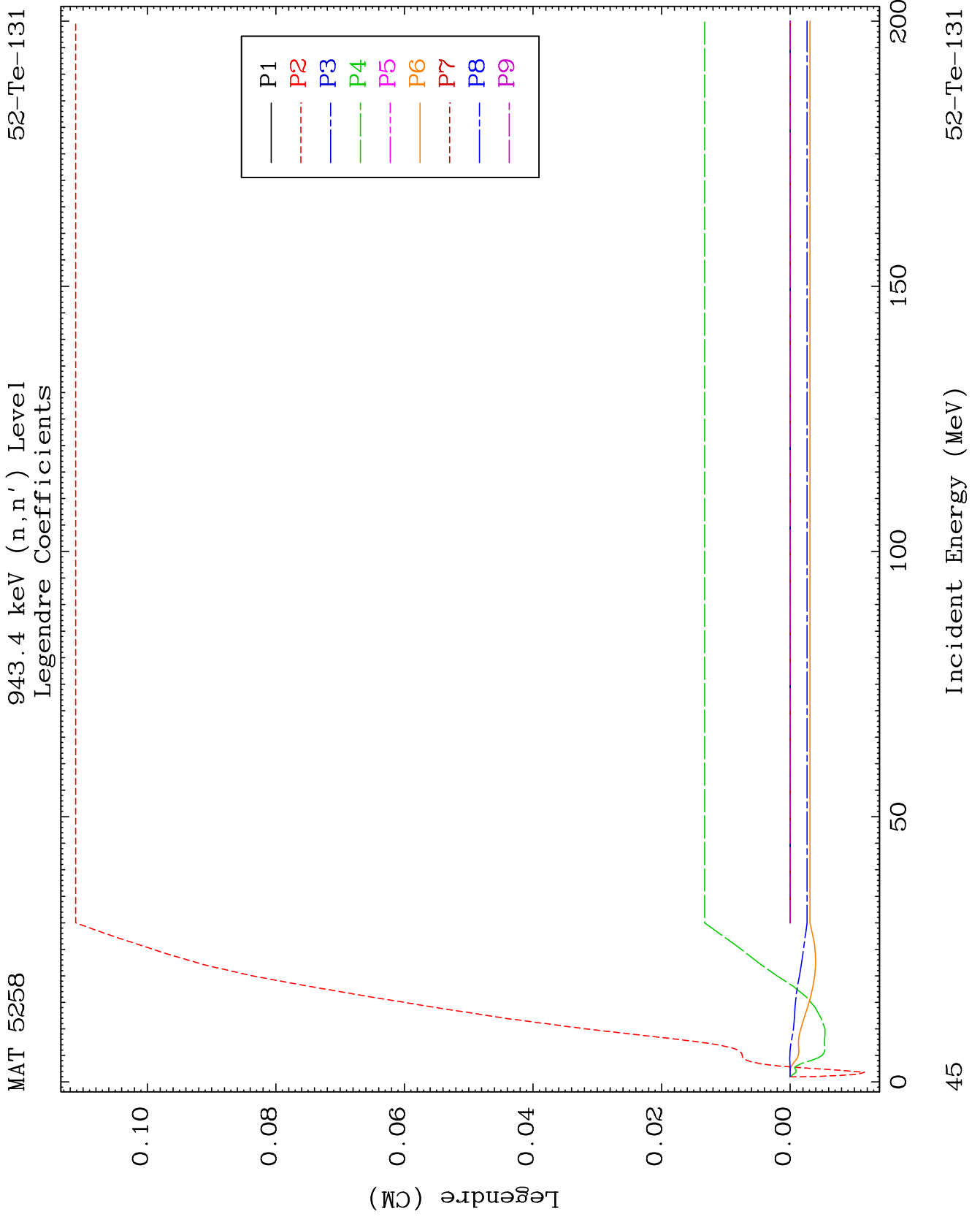
52-Te-131

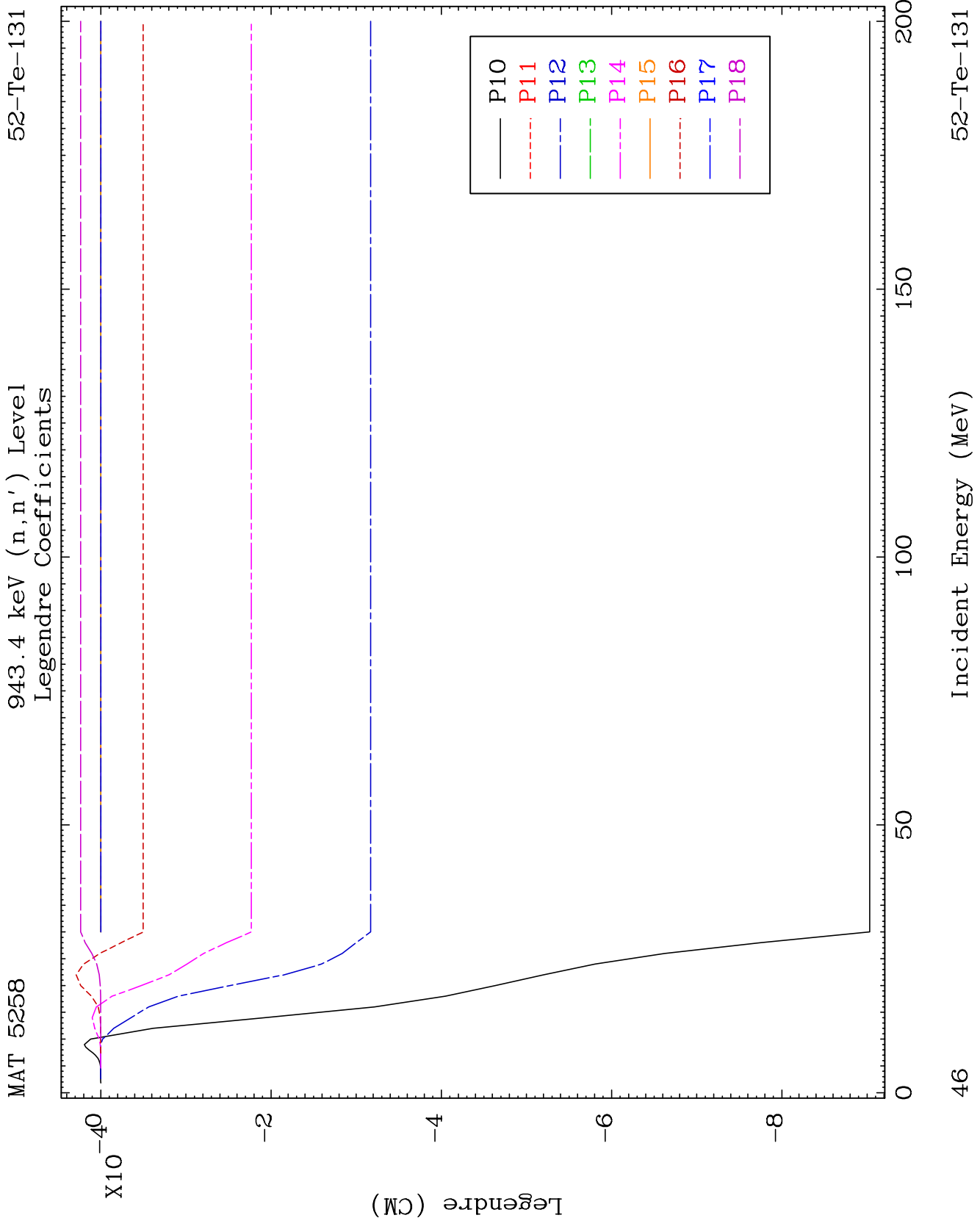


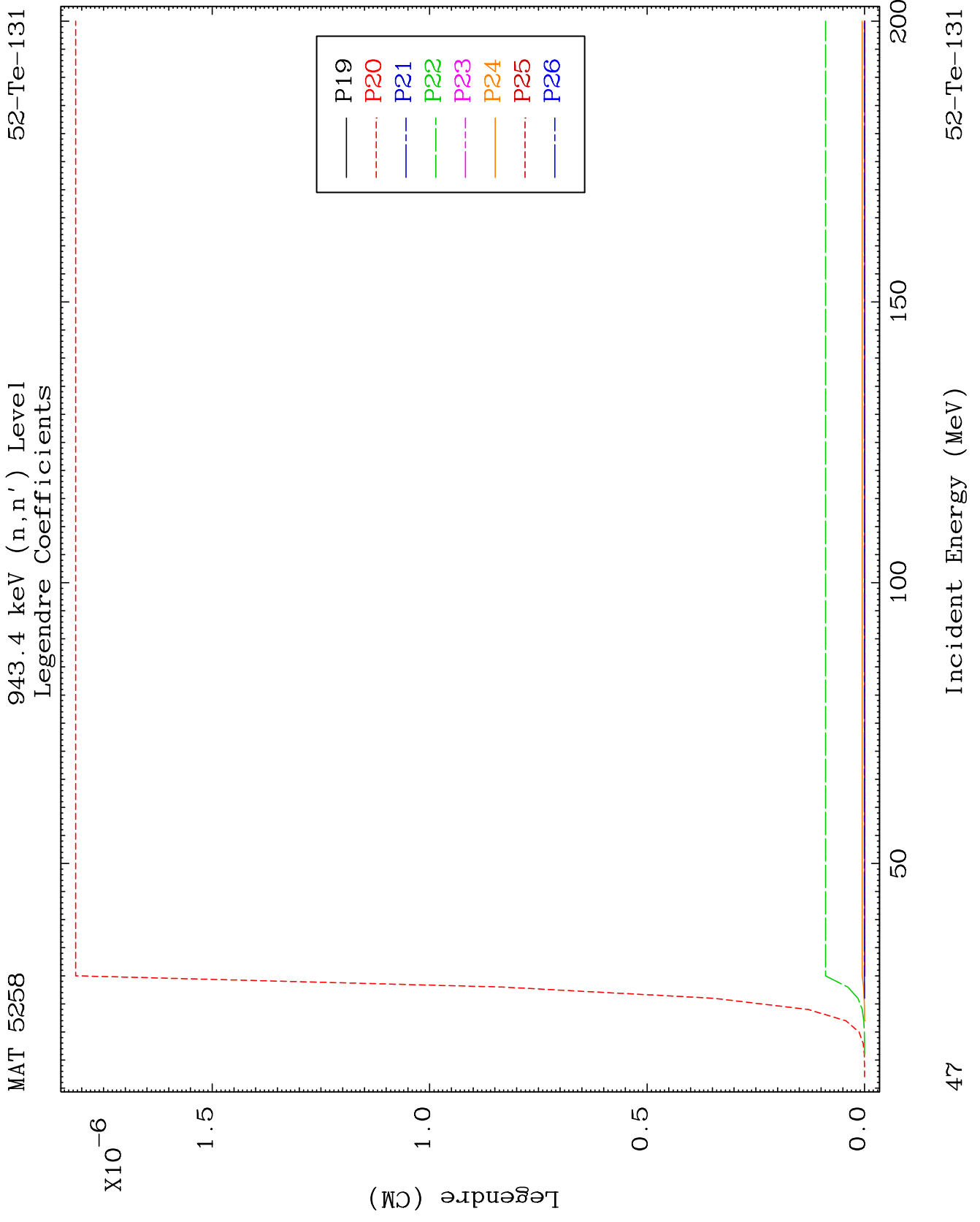
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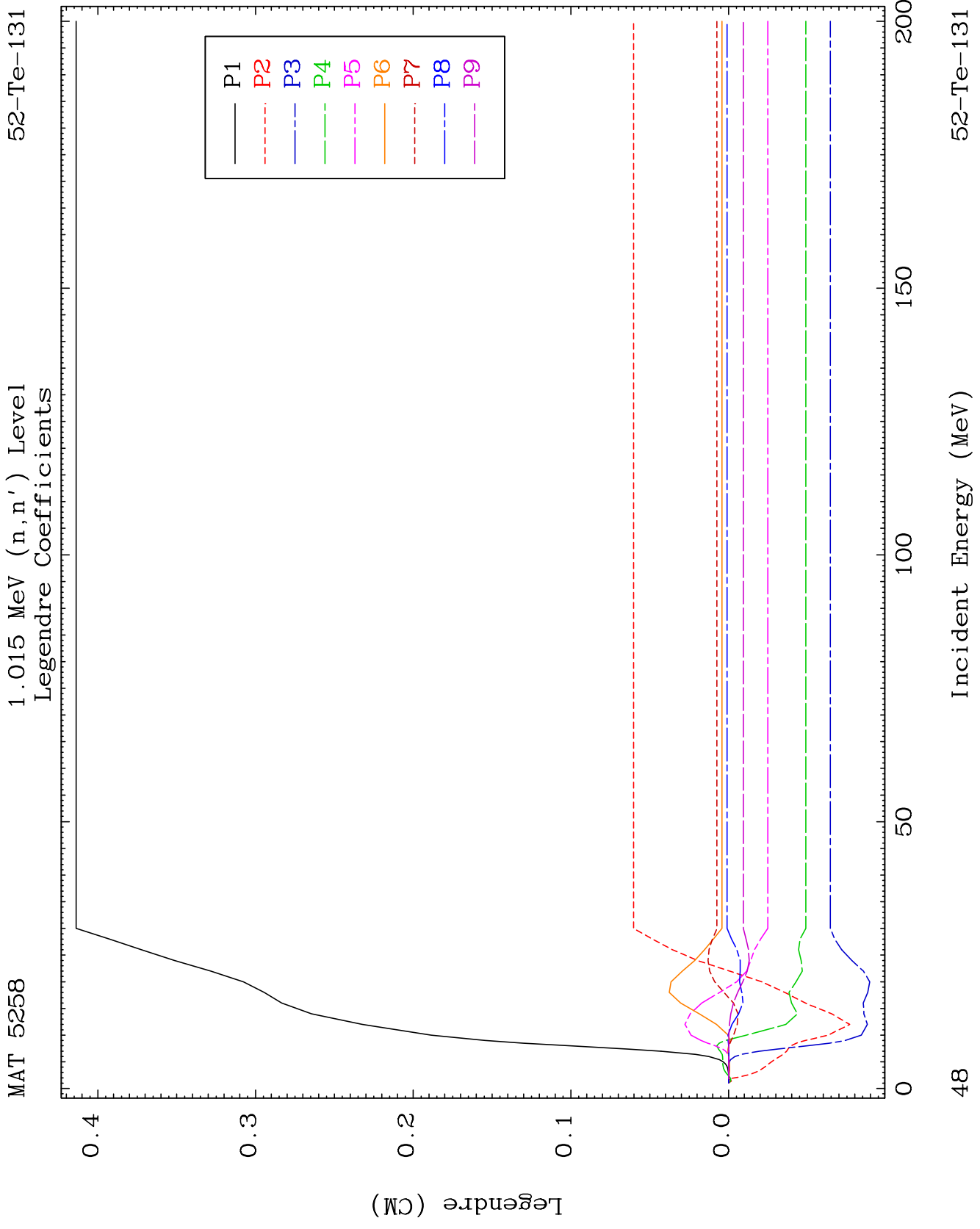
Incident Energy (MeV)

52-Te-131





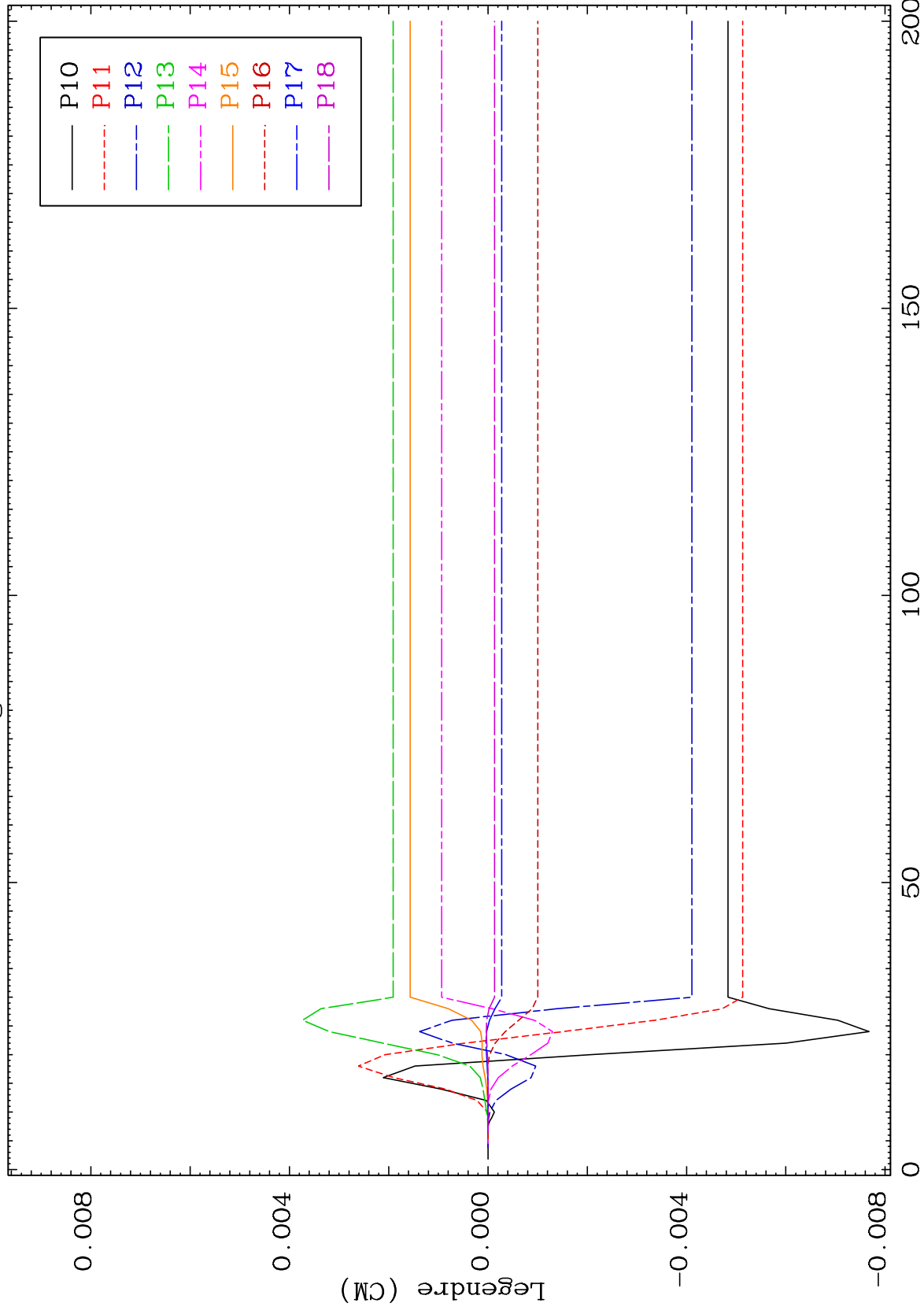




MAT 5258

1.015 MeV (n,n') Level
Legendre Coefficients

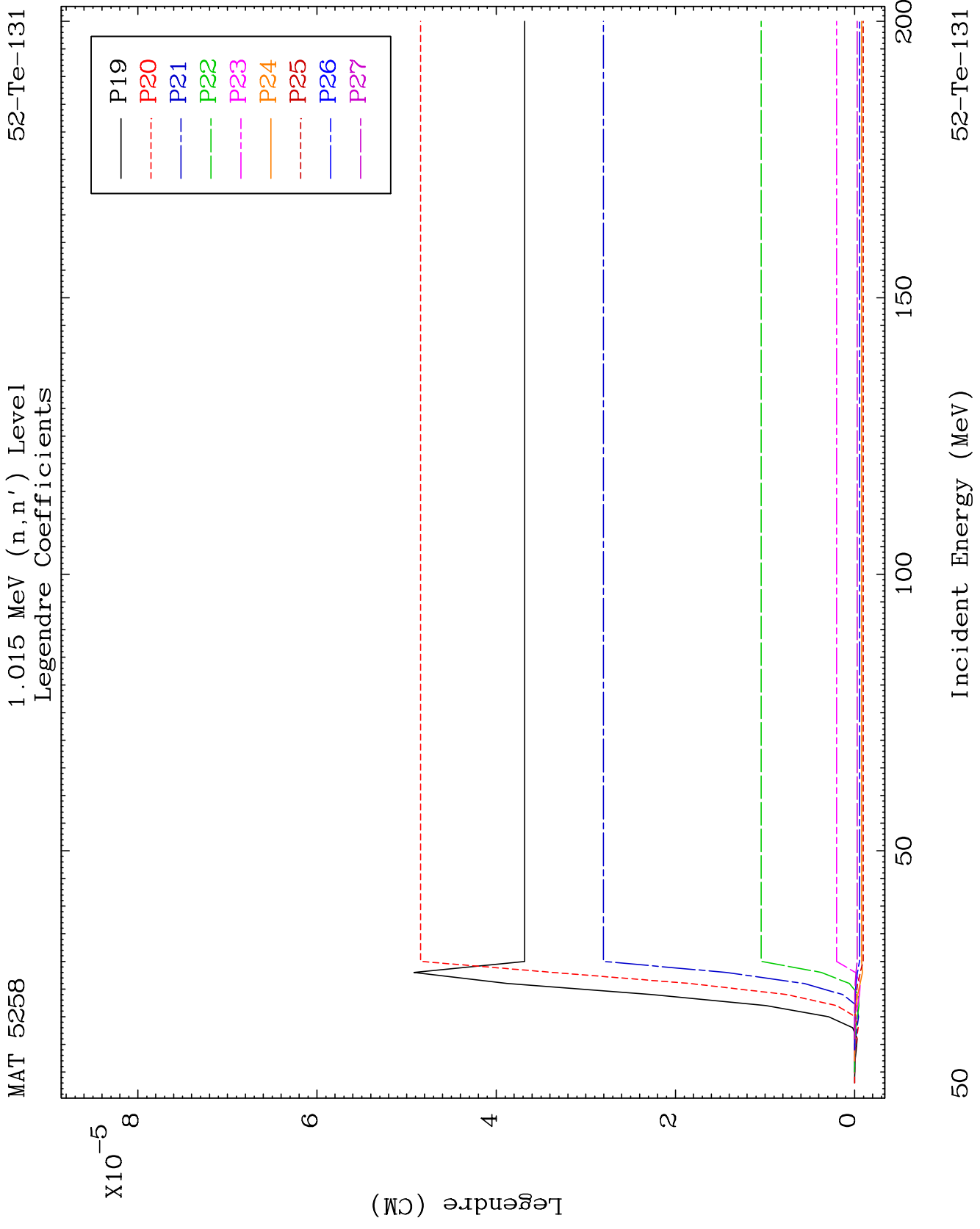
52-Te-131

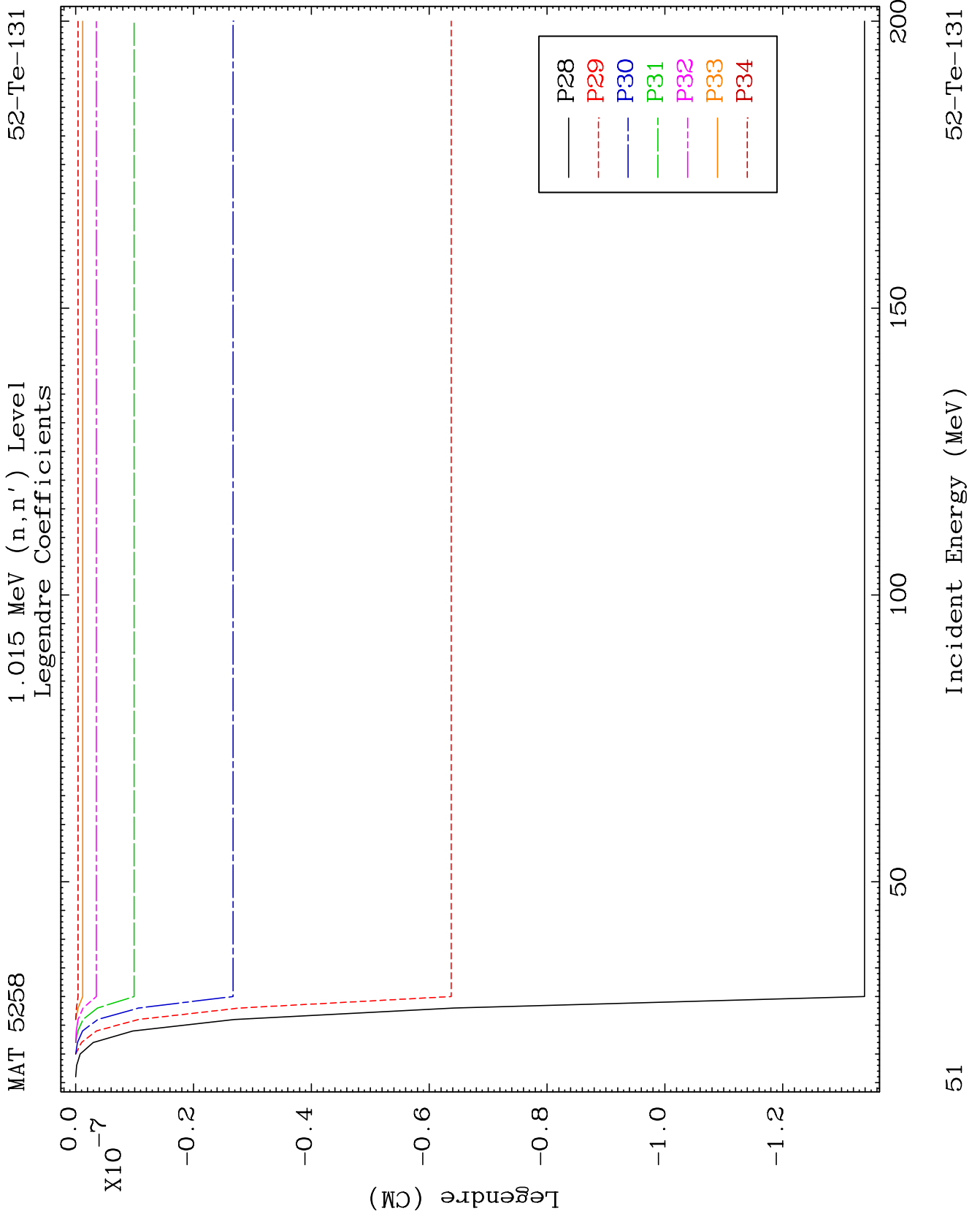


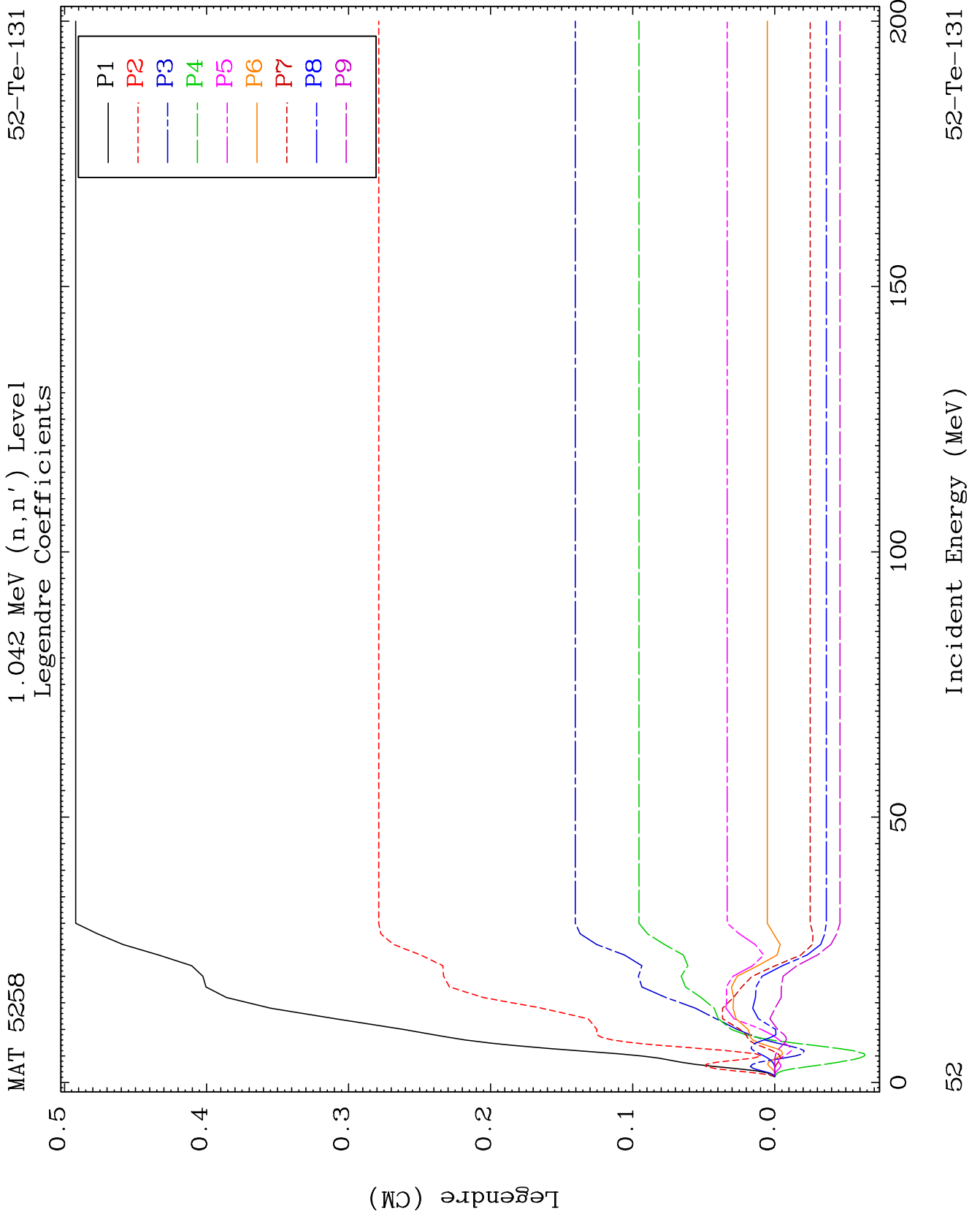
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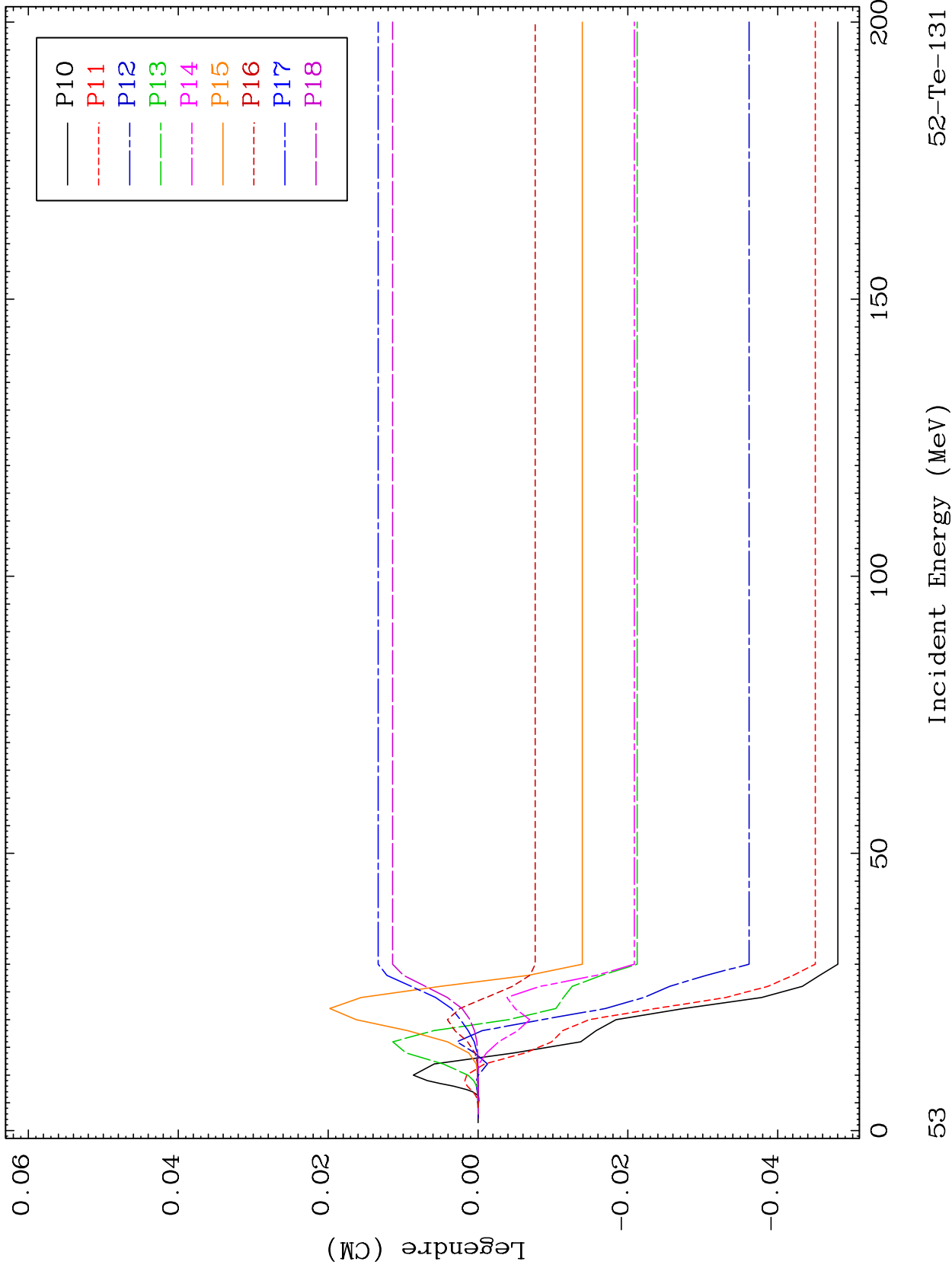
Incident Energy (MeV)

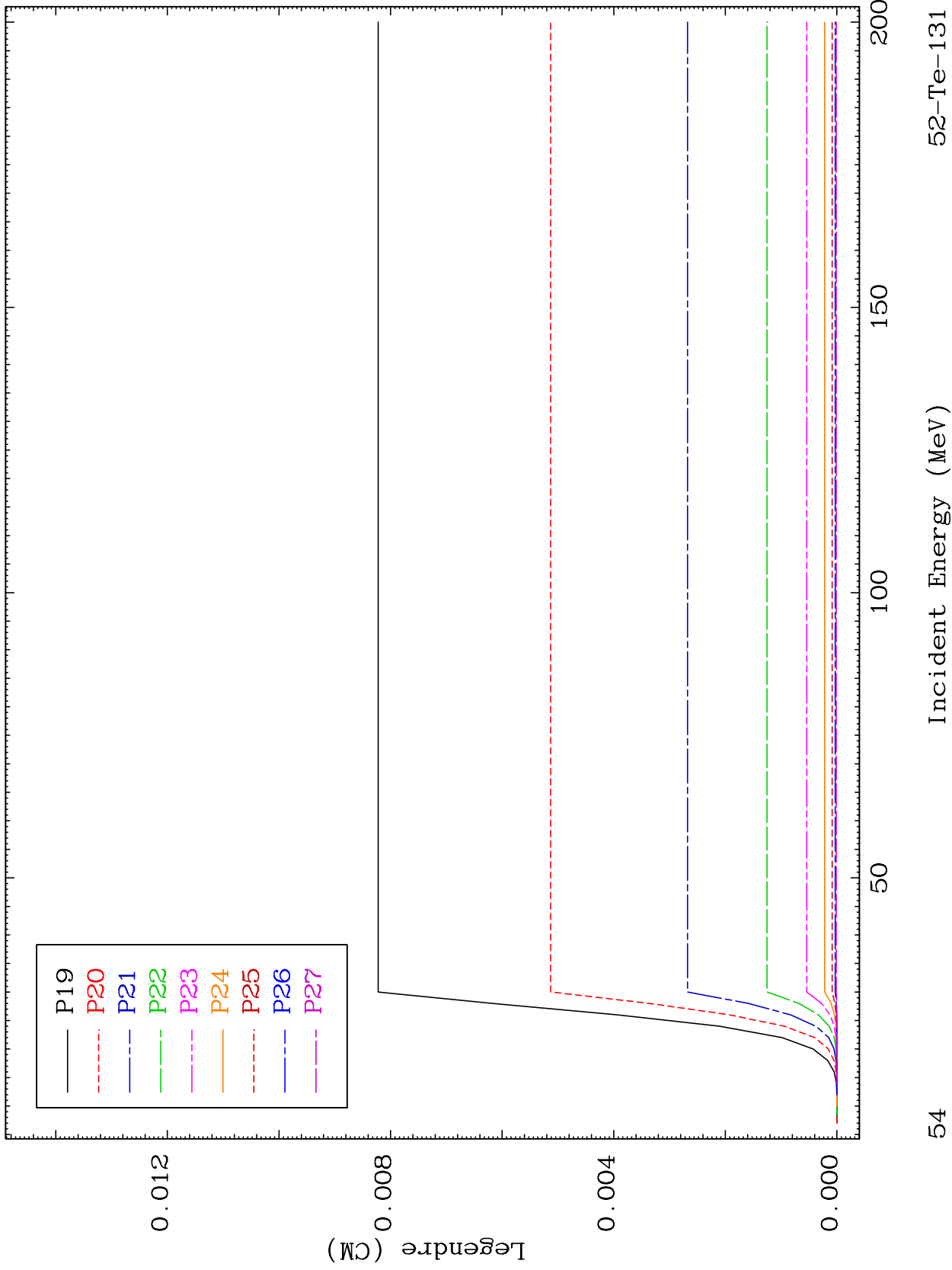
52-Te-131

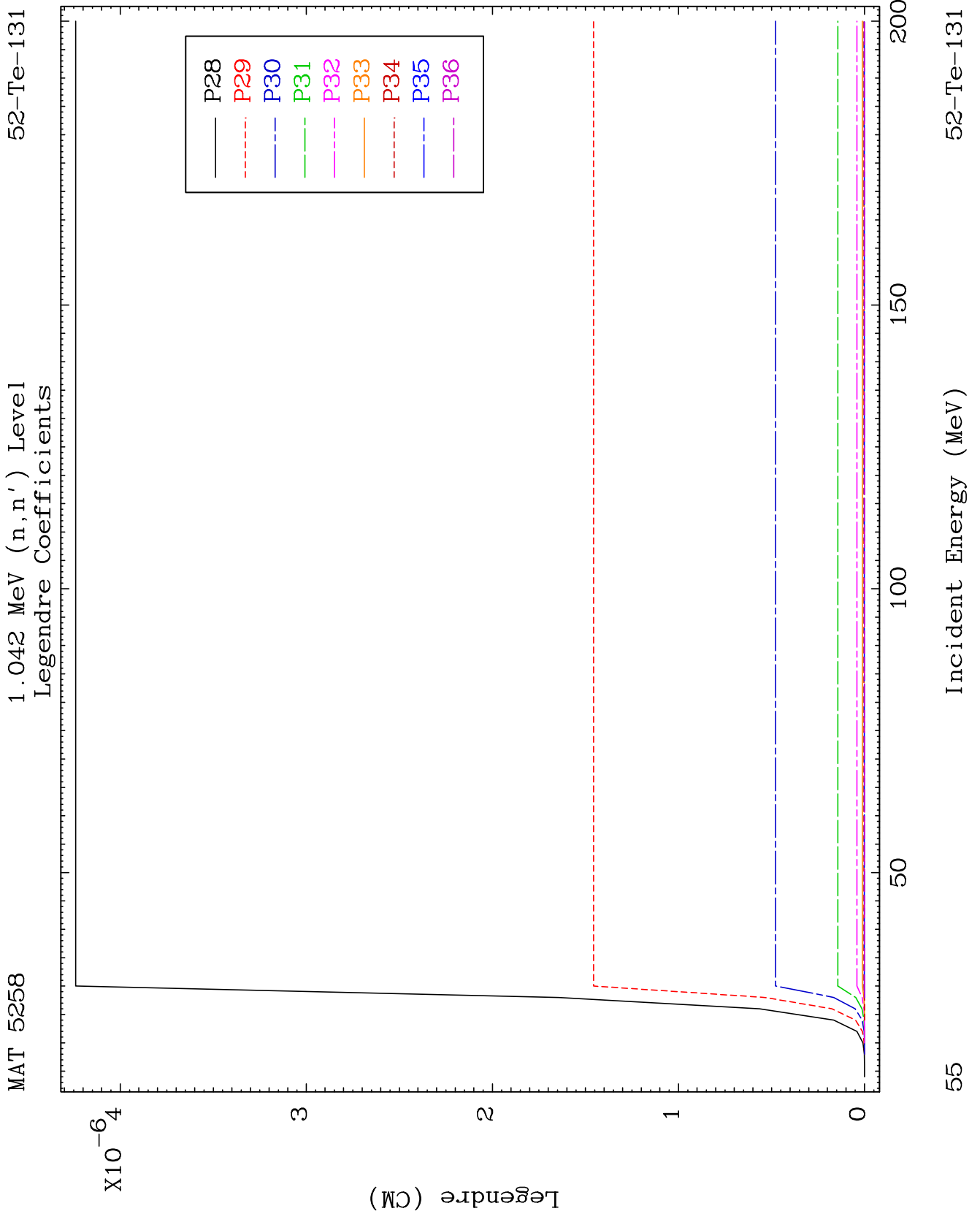


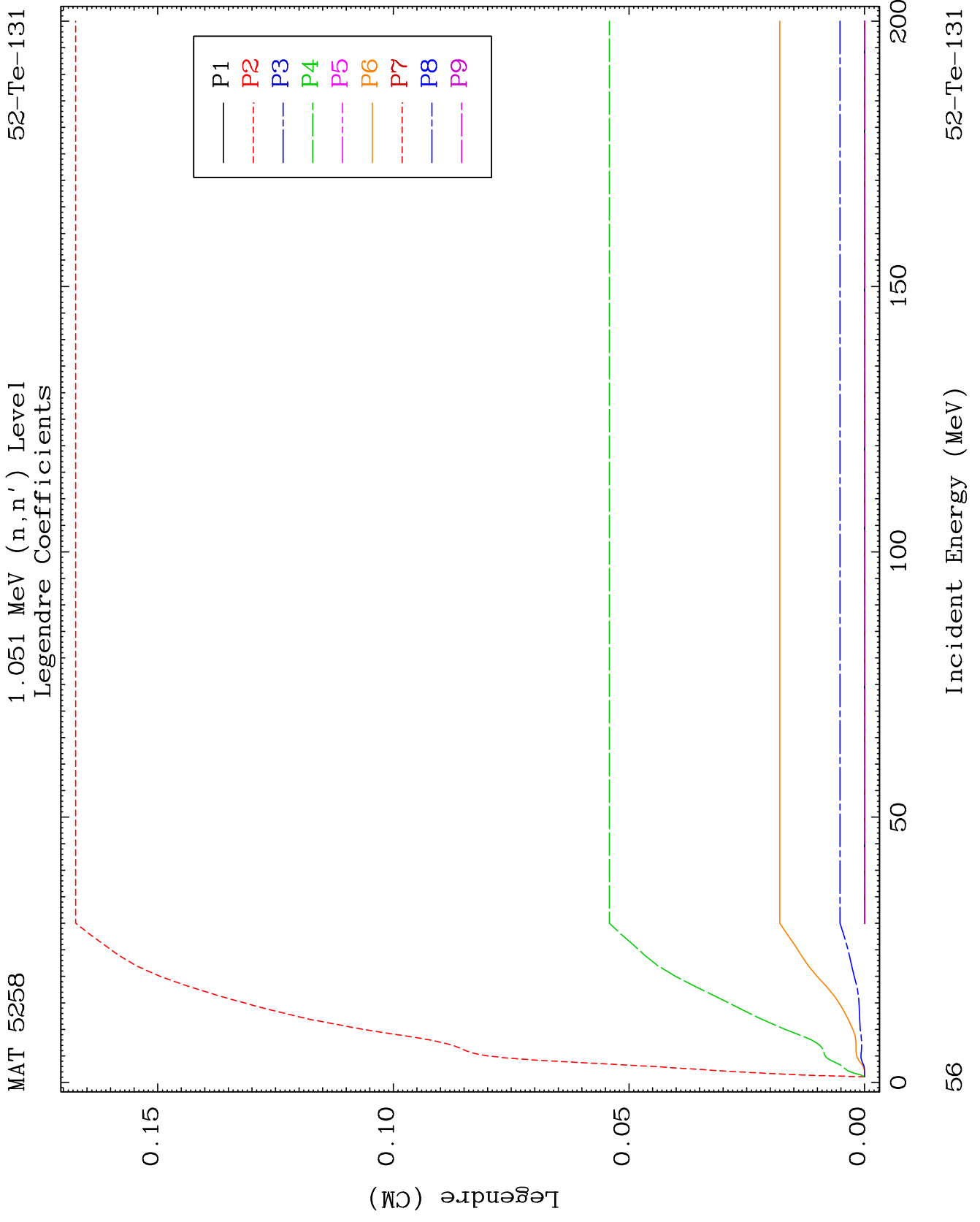


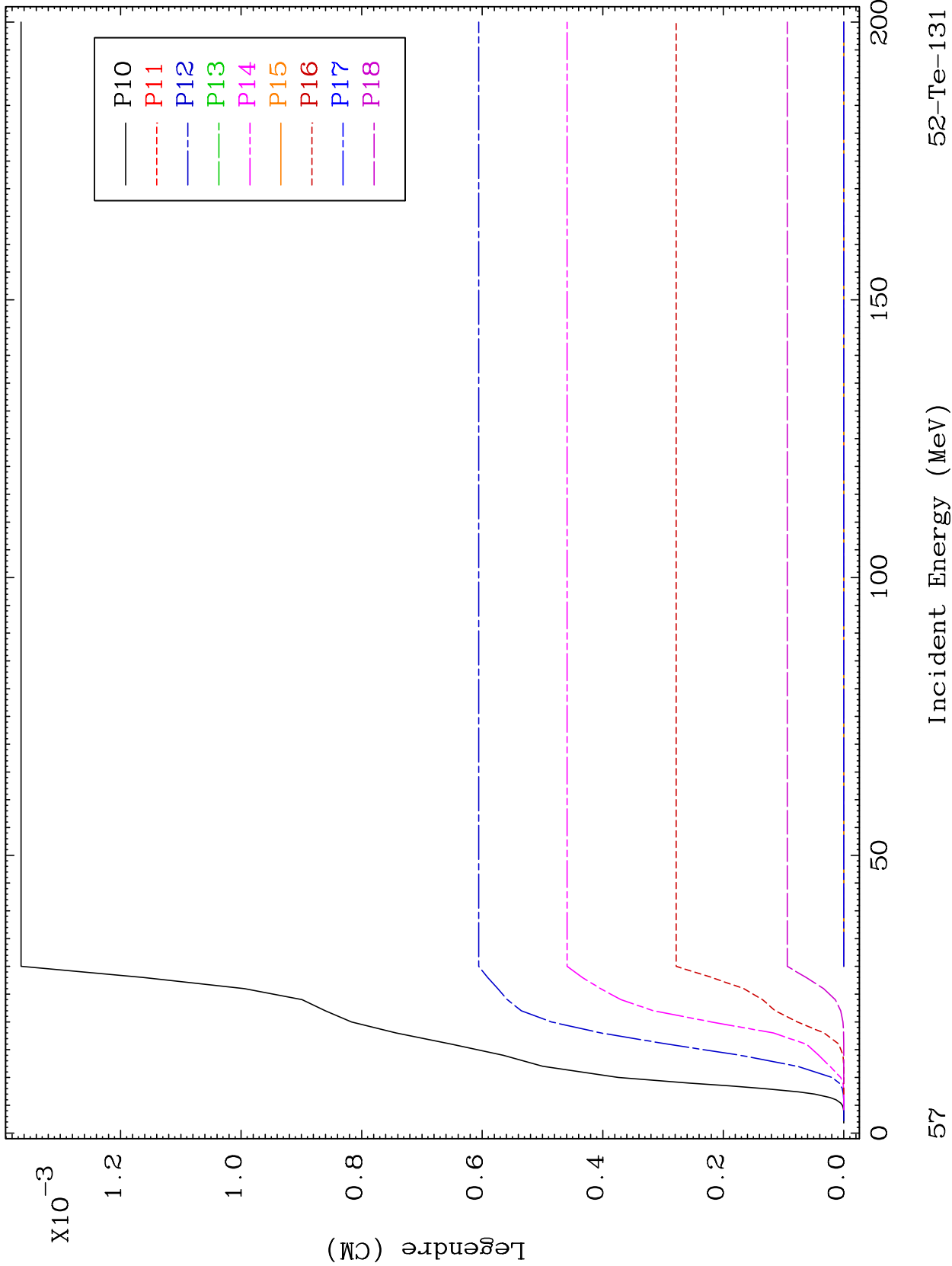


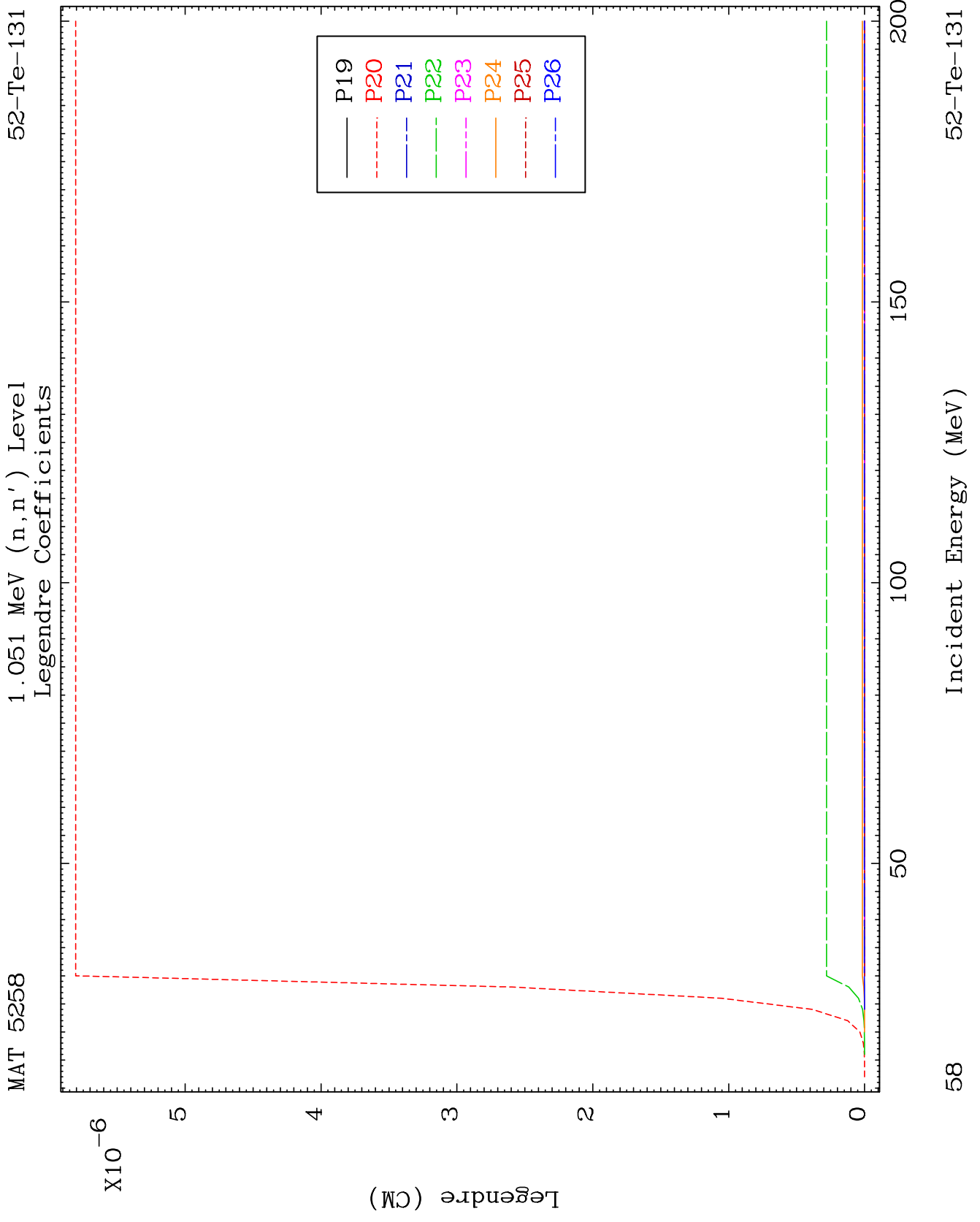


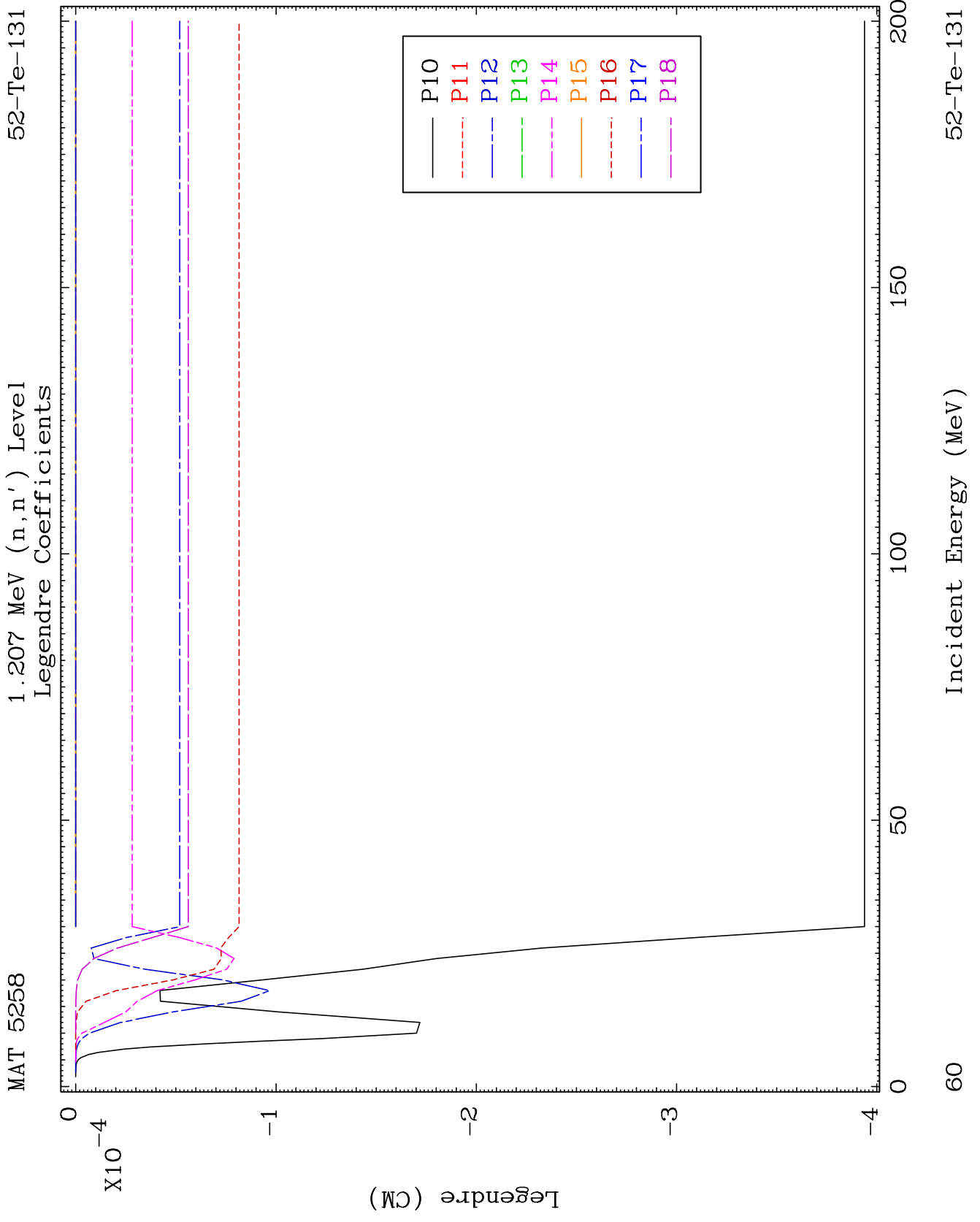


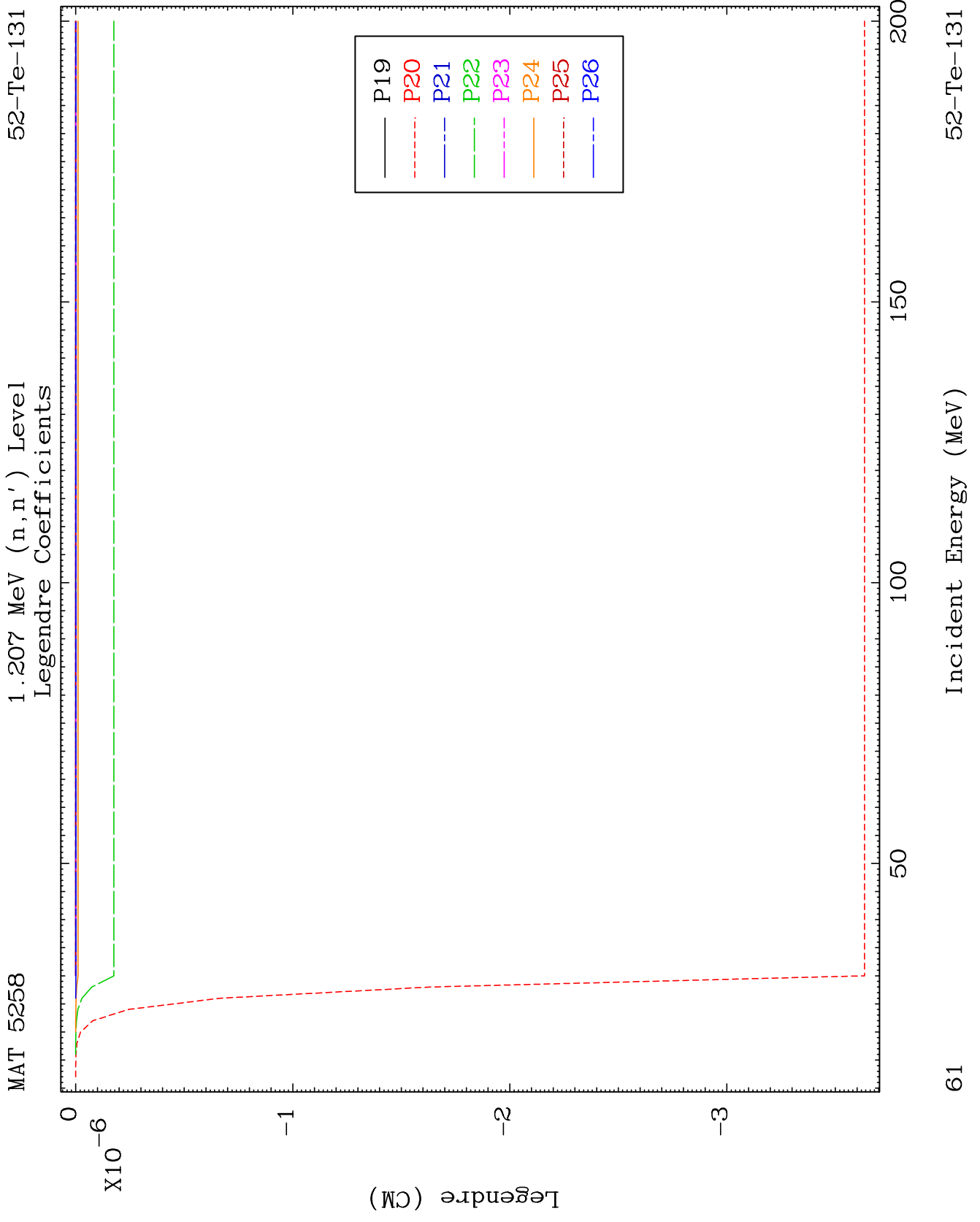


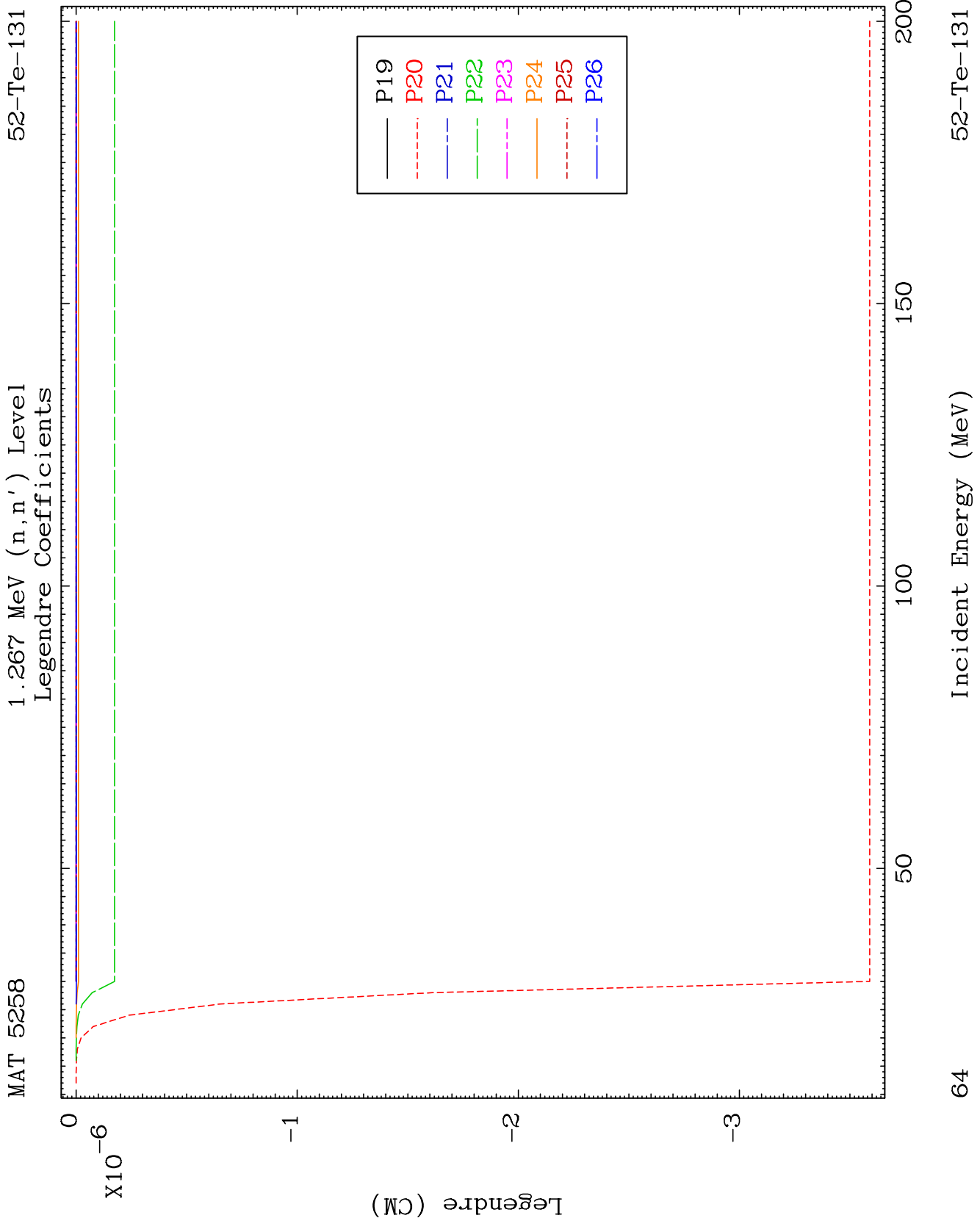


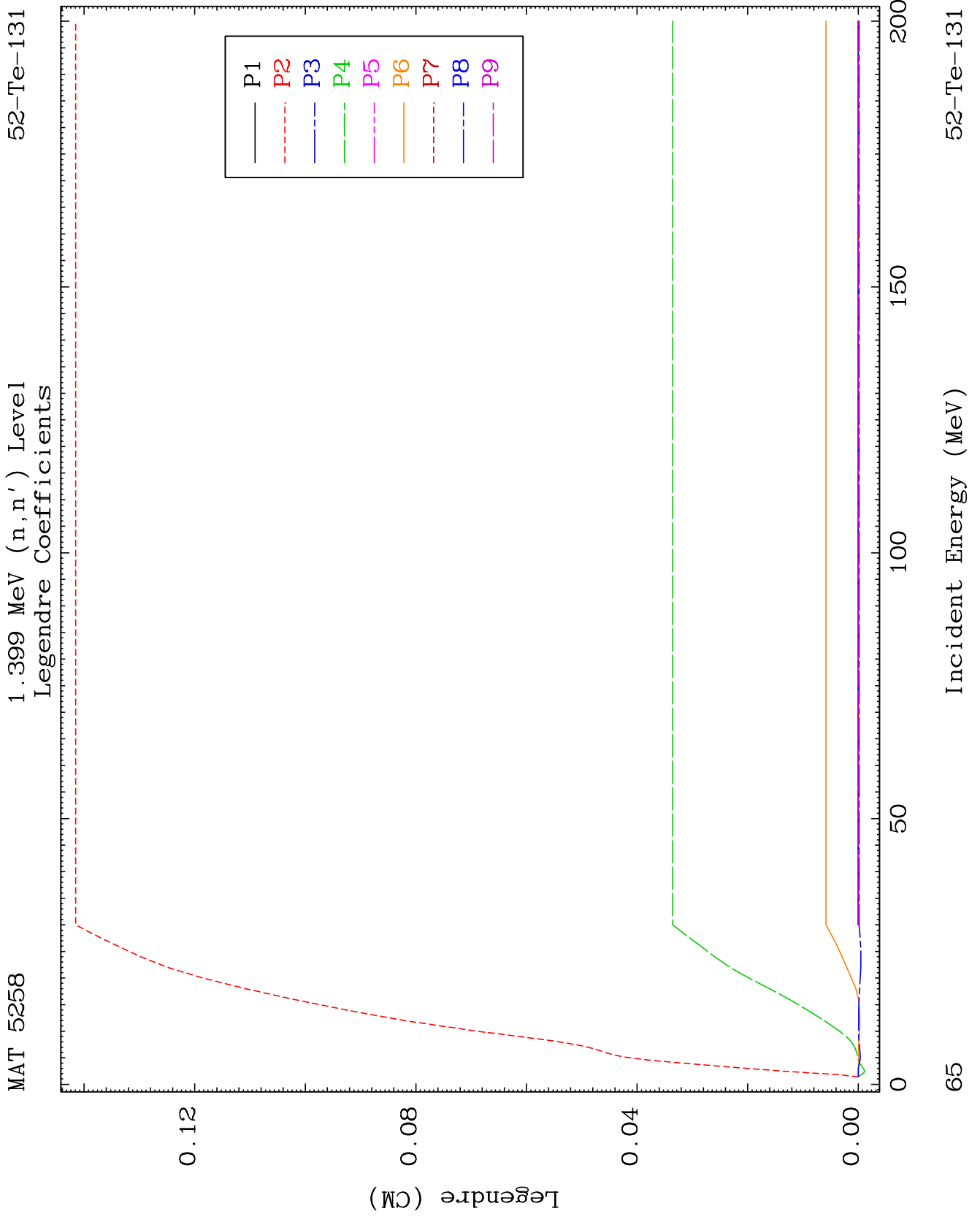


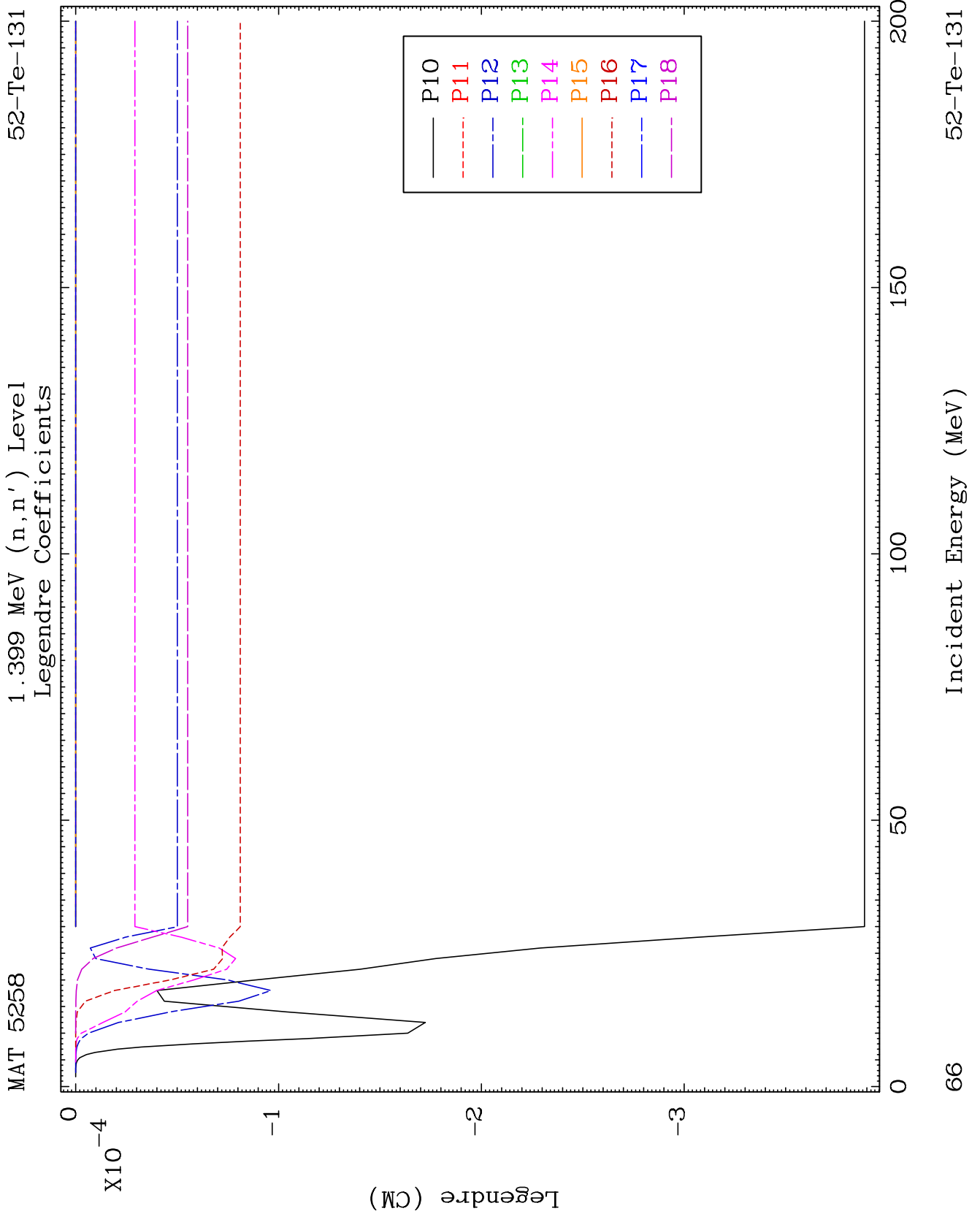


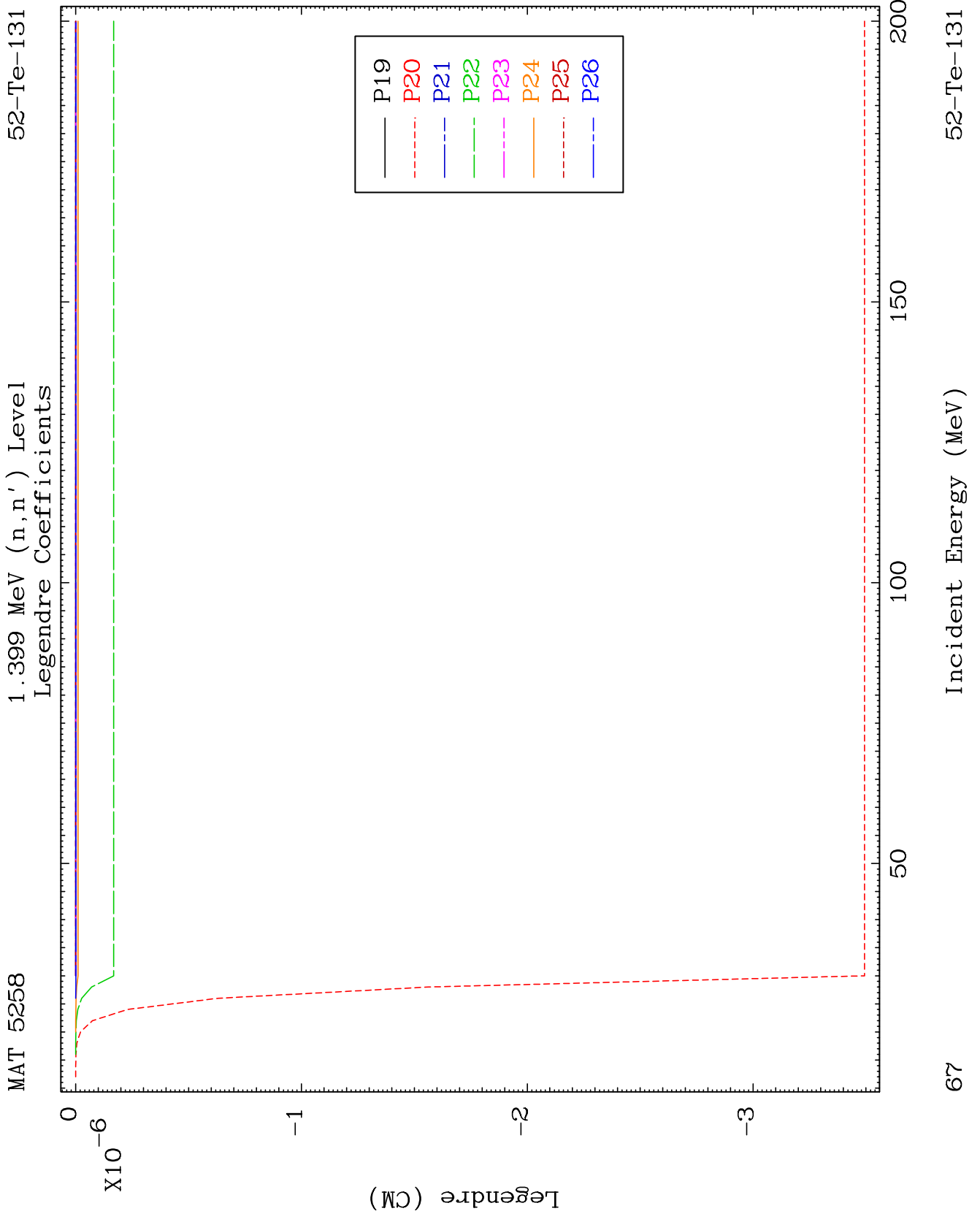


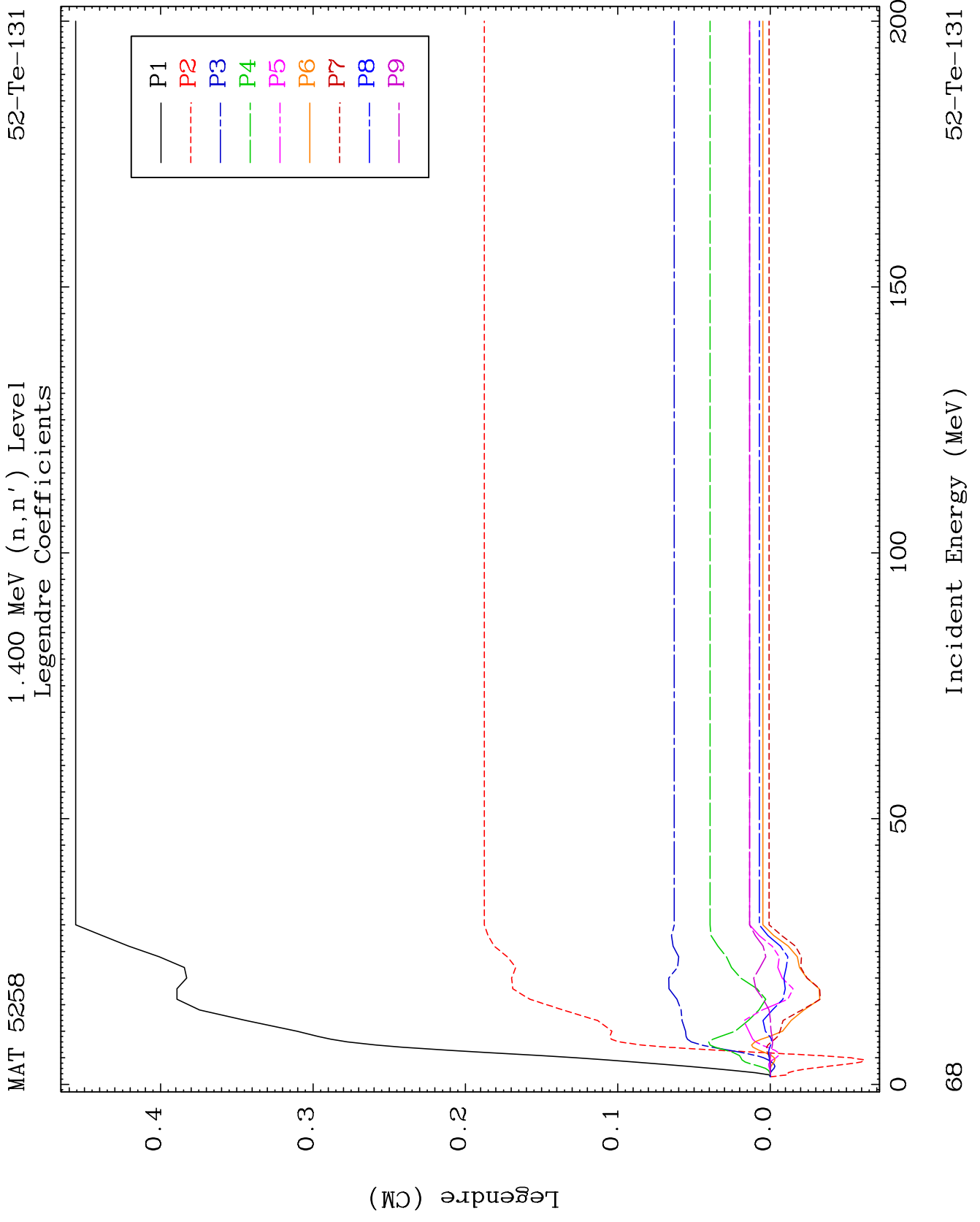








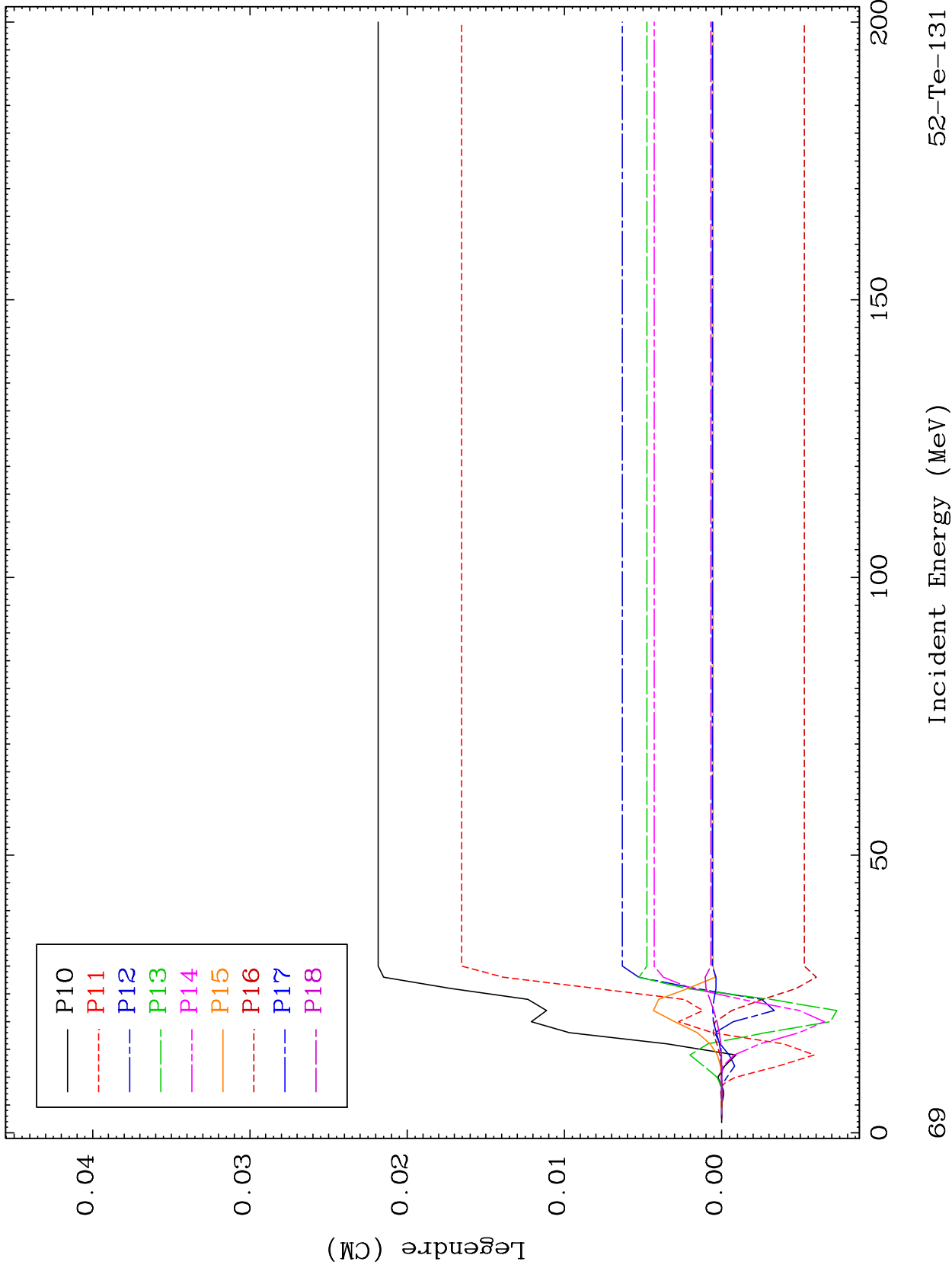




MAT 5258

1.400 MeV (n,n') Level
Legendre Coefficients

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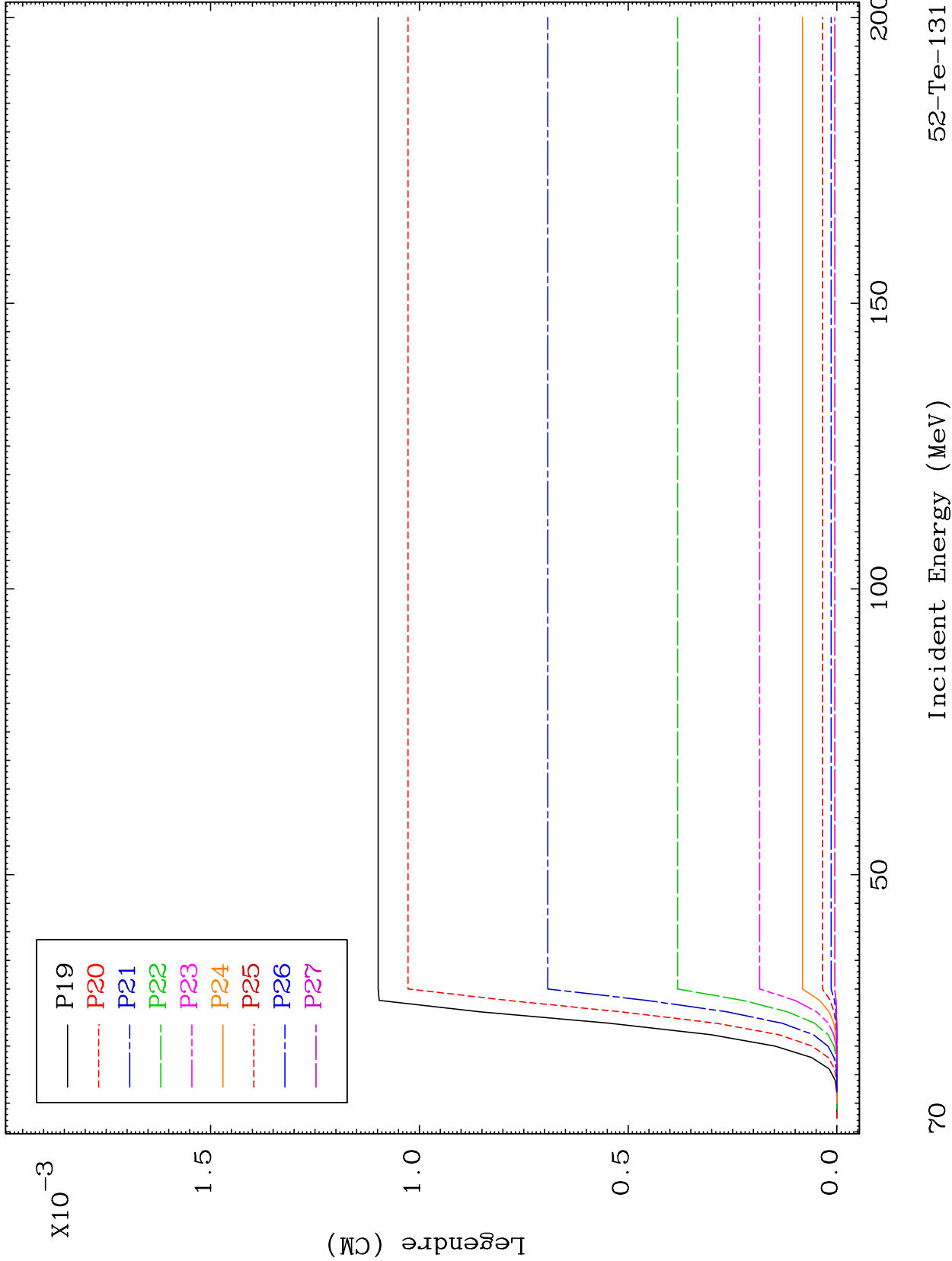
Incident Energy (MeV)

52-Te-131

MAT 5258

1.400 MeV (n,n') Level
Legendre Coefficients

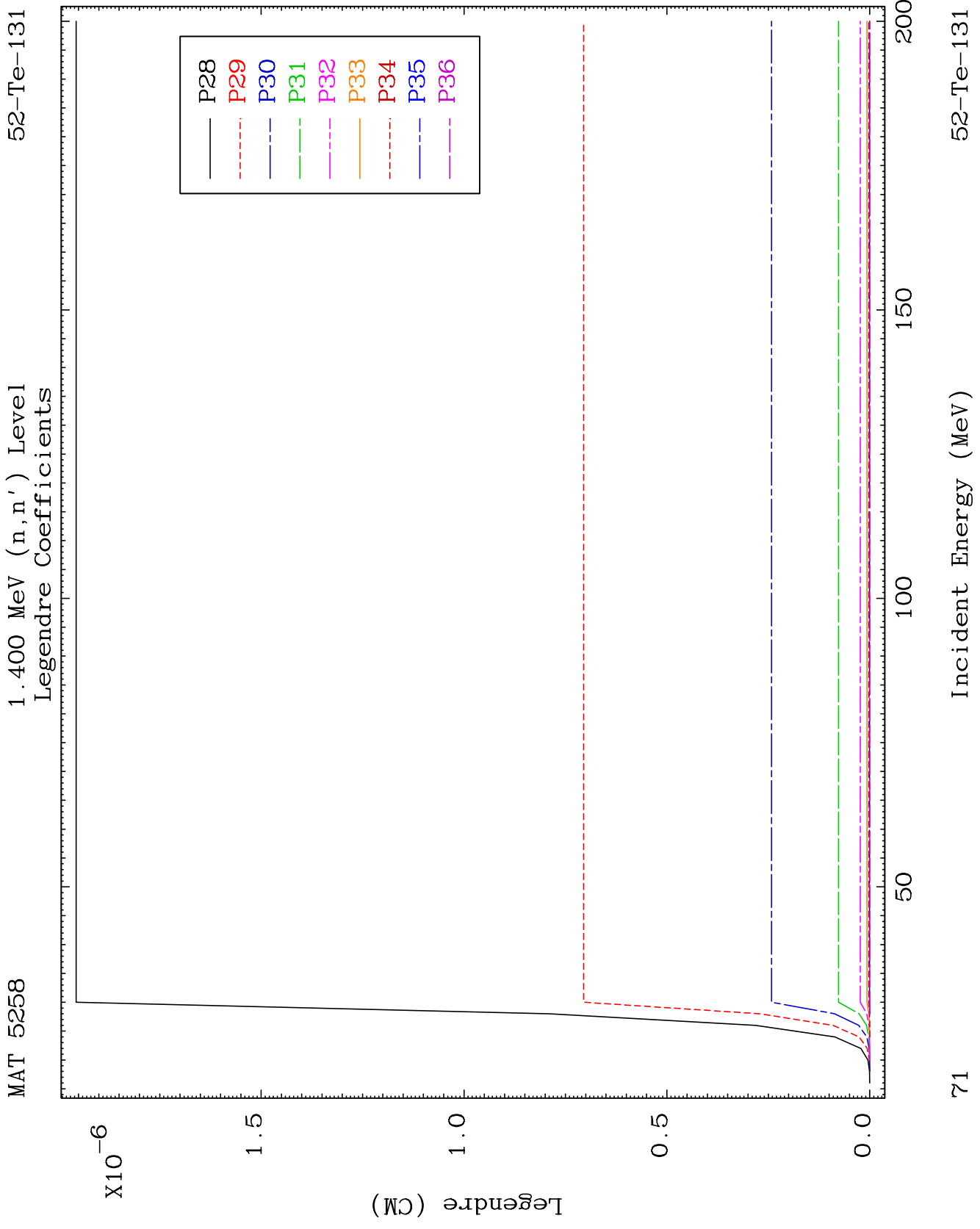
52-Te-131

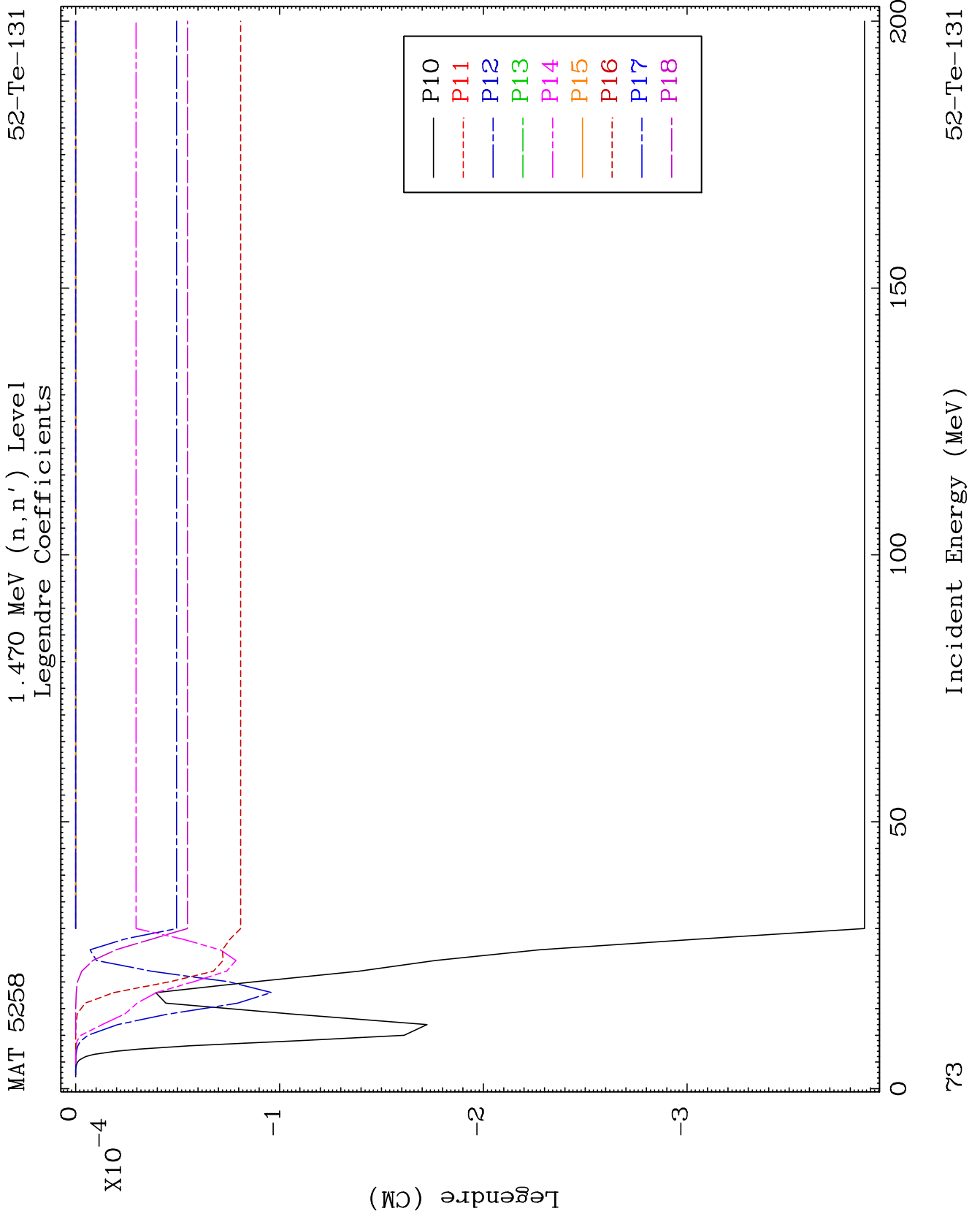


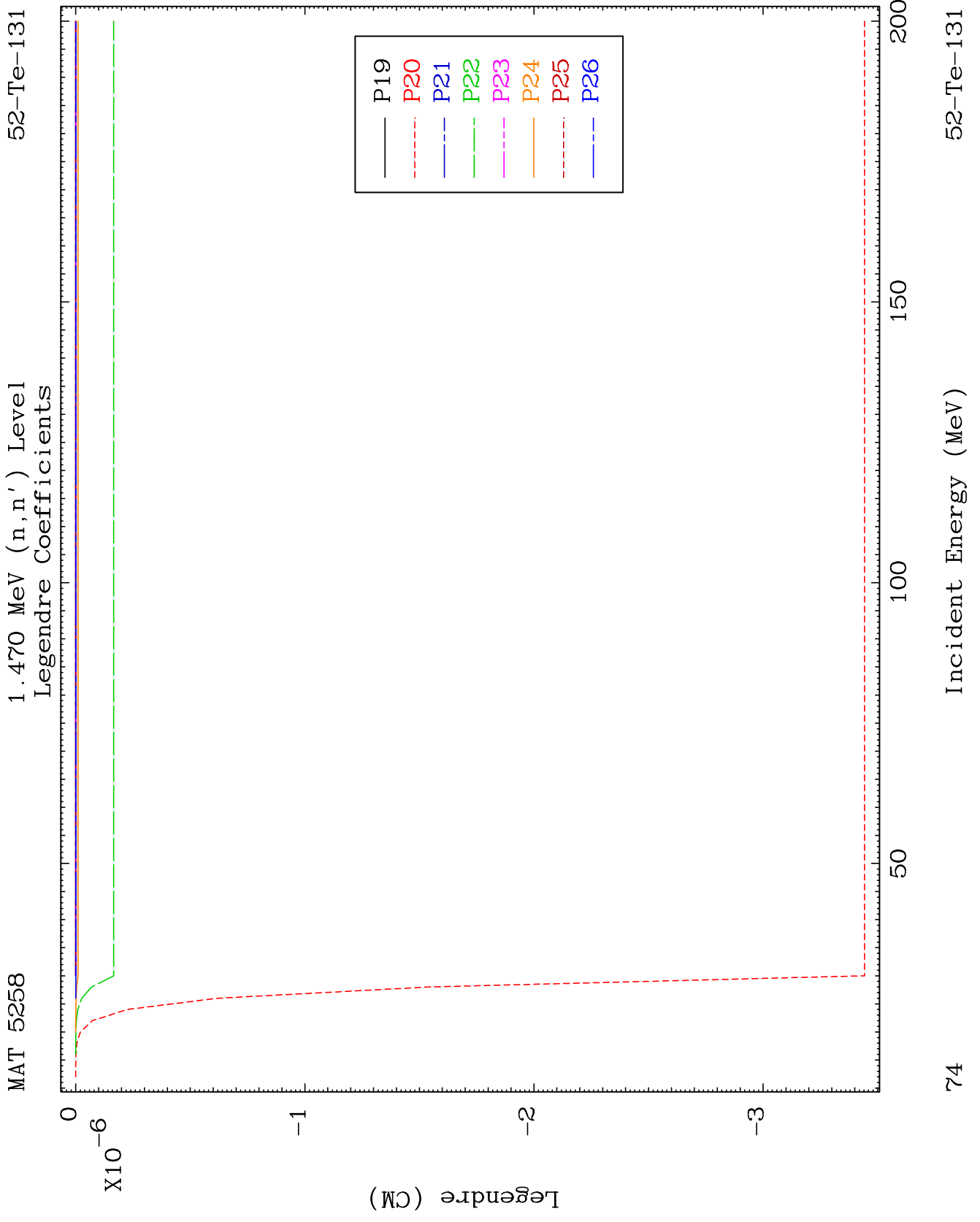
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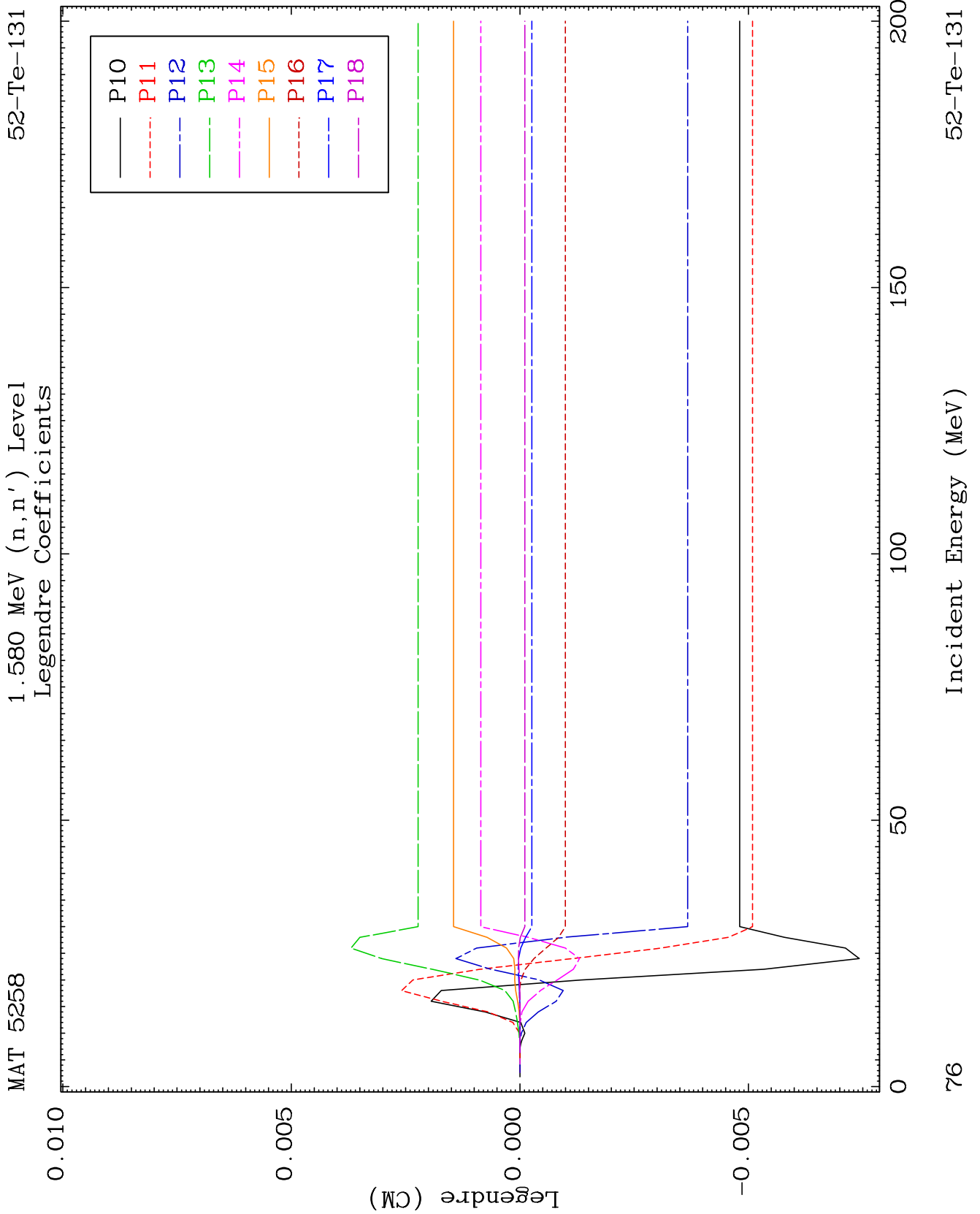
Incident Energy (MeV)

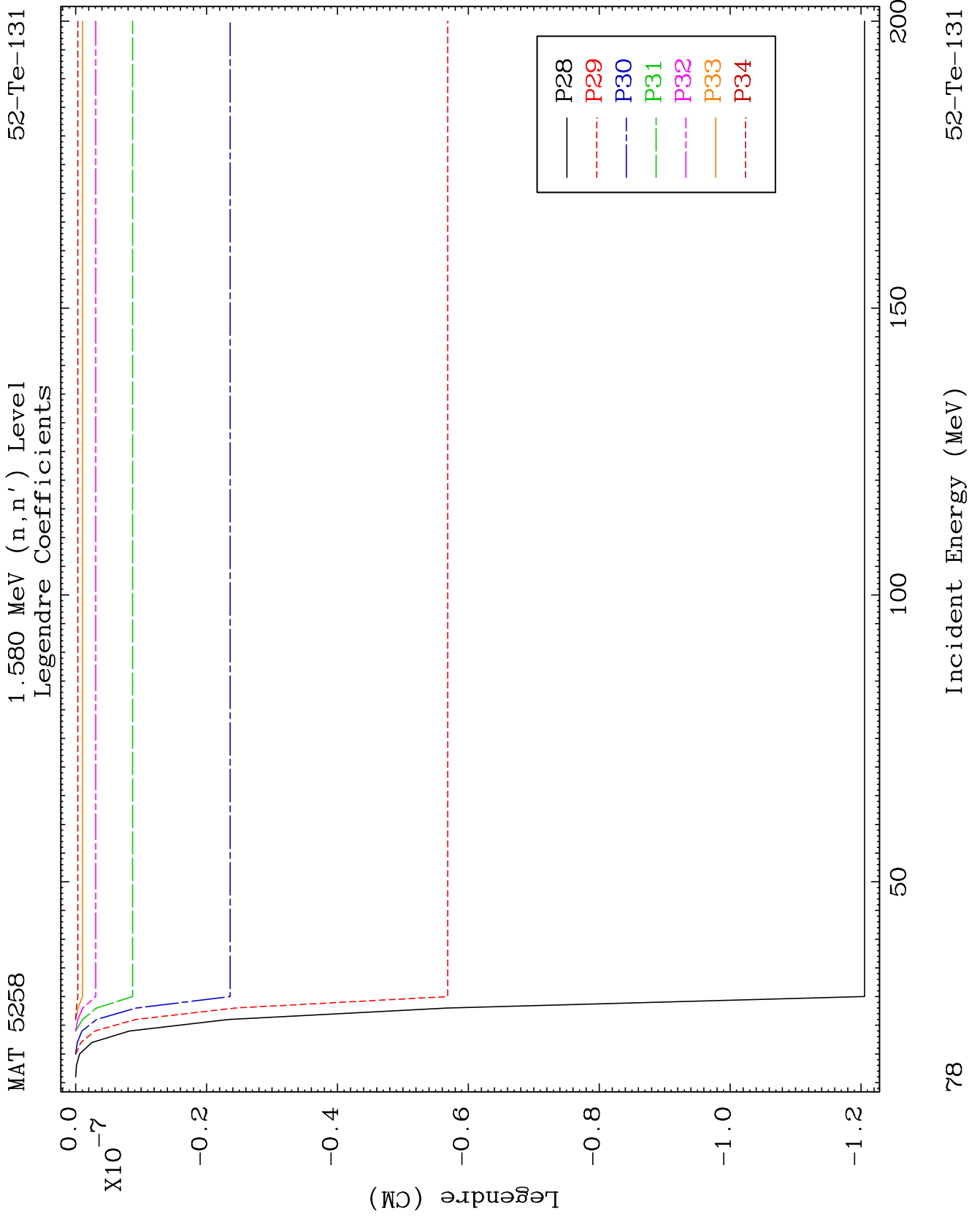
52-Te-131

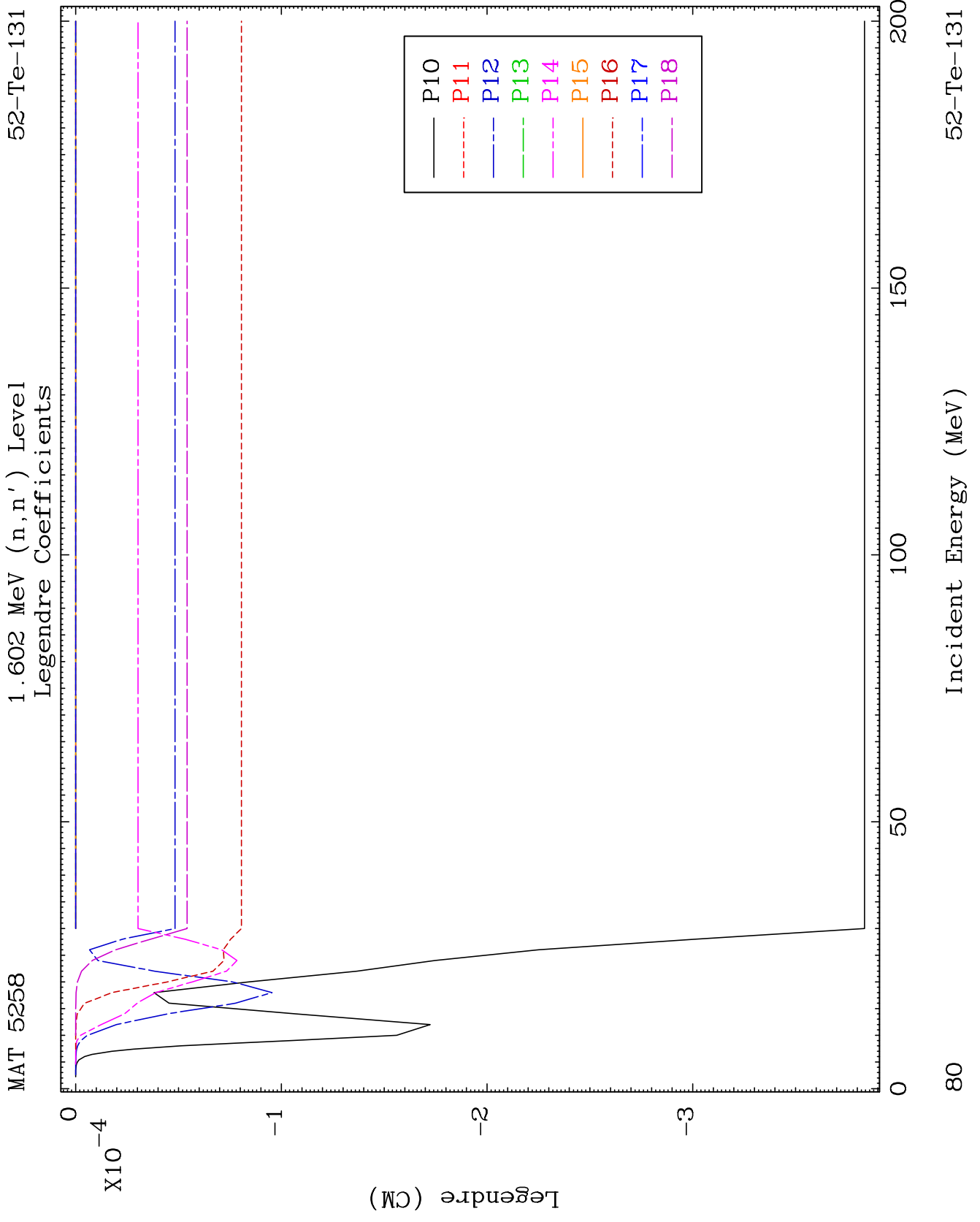


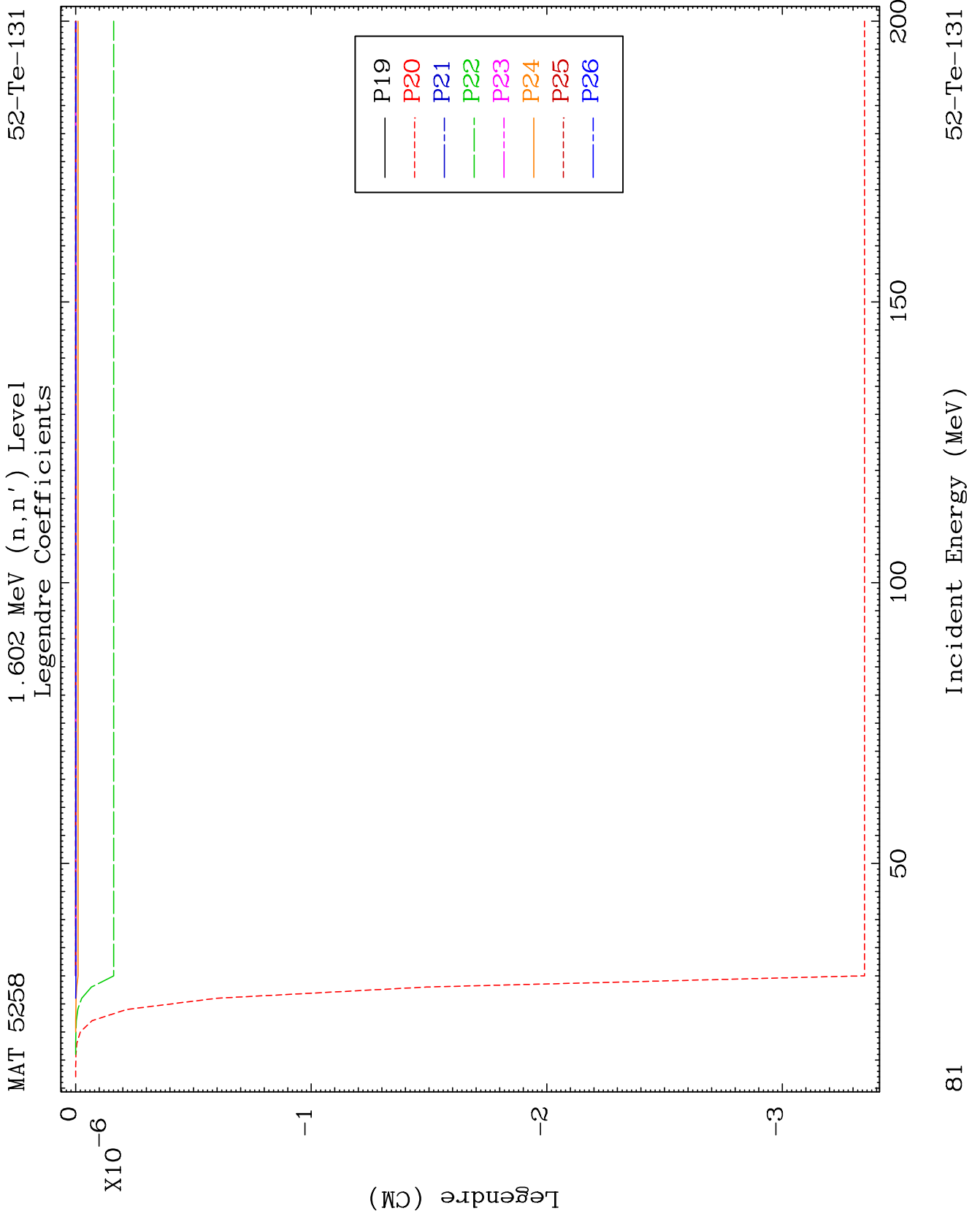


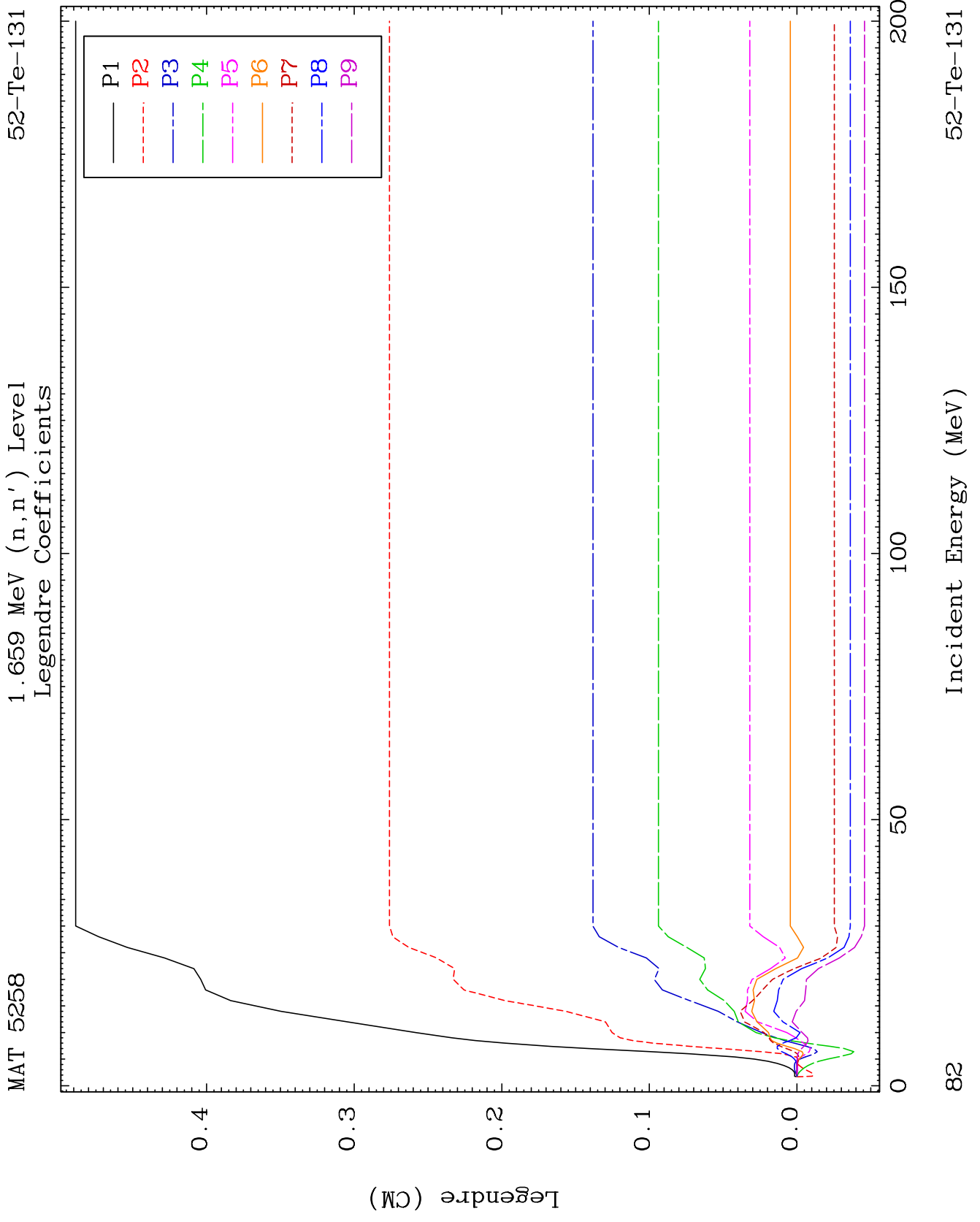


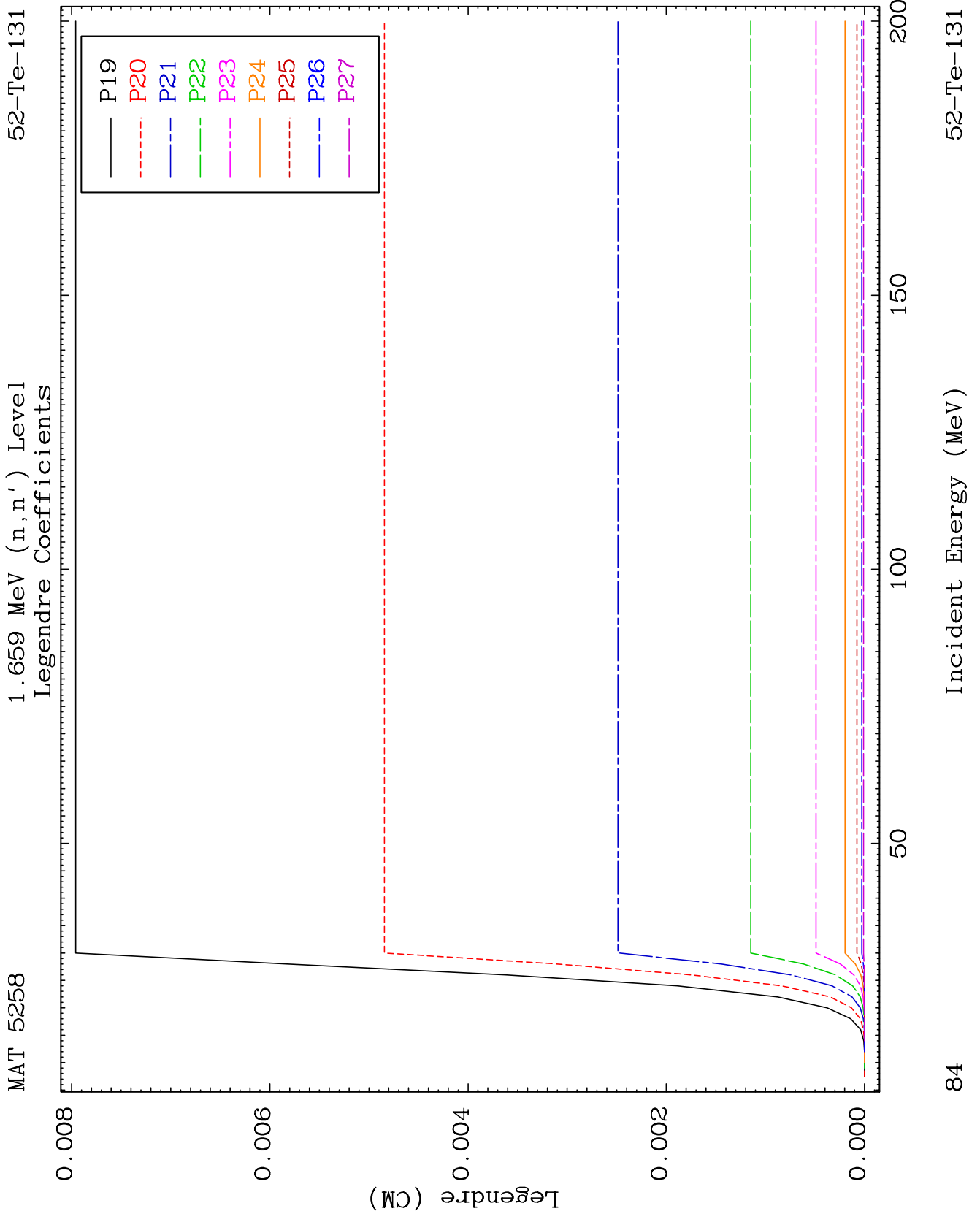


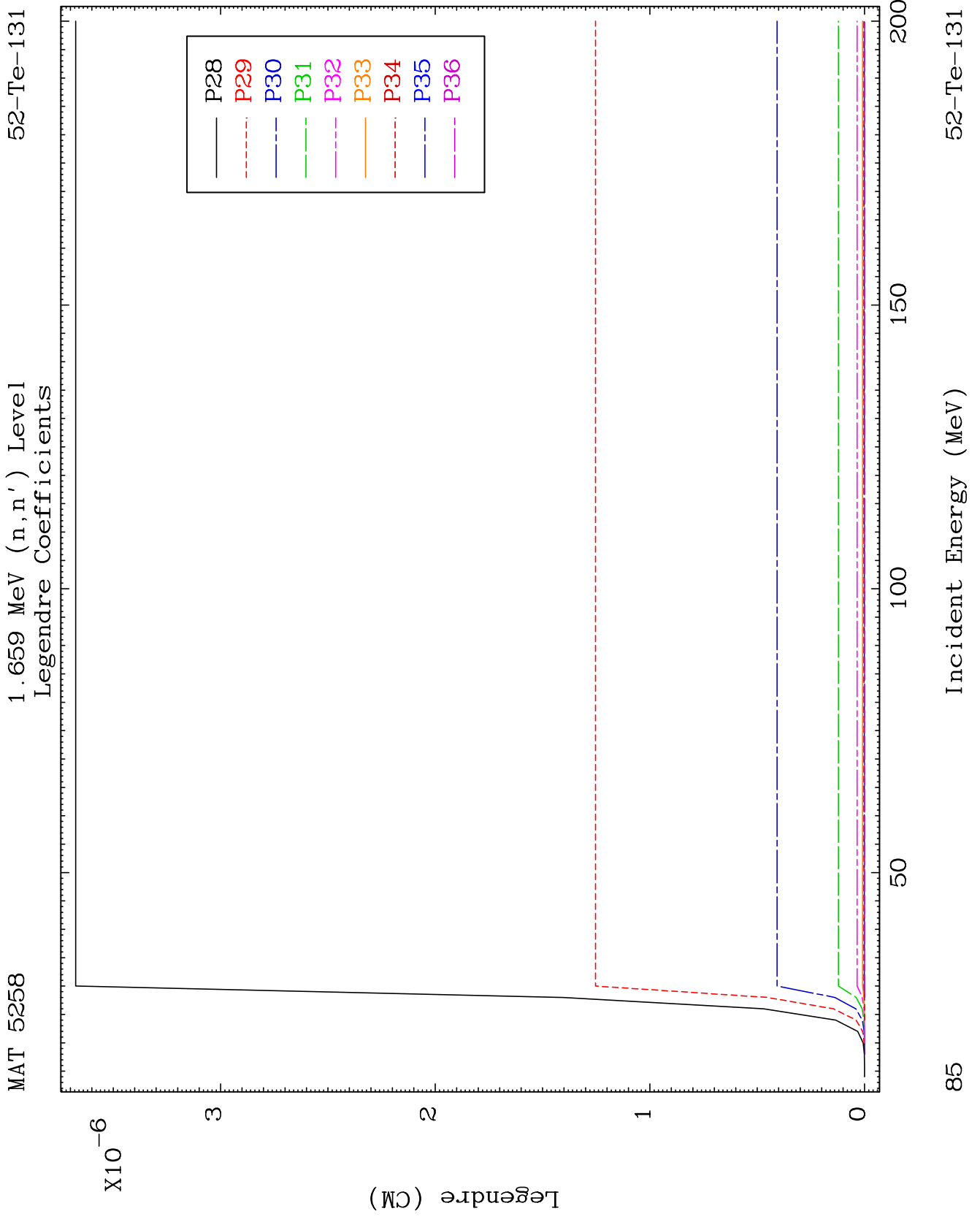


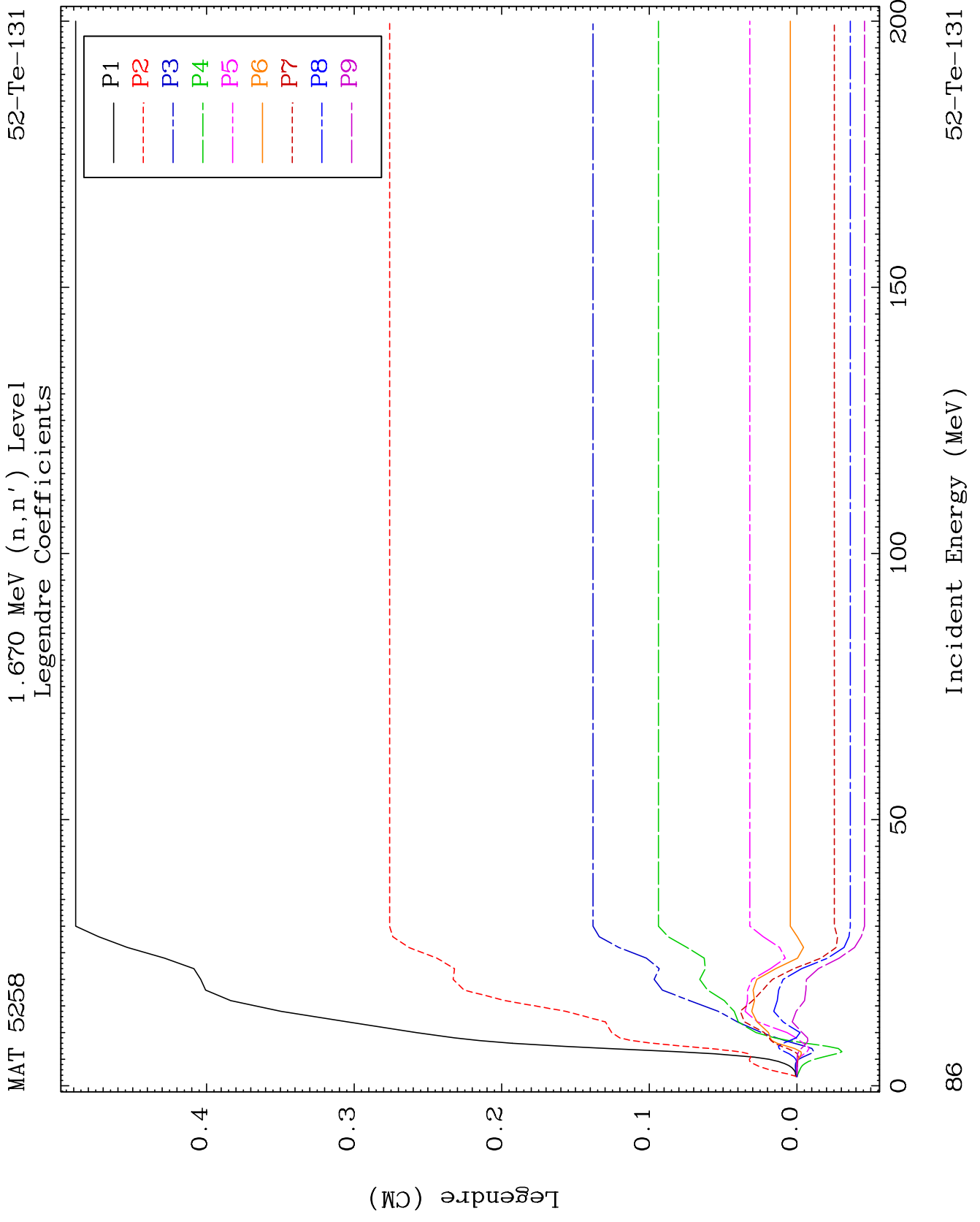








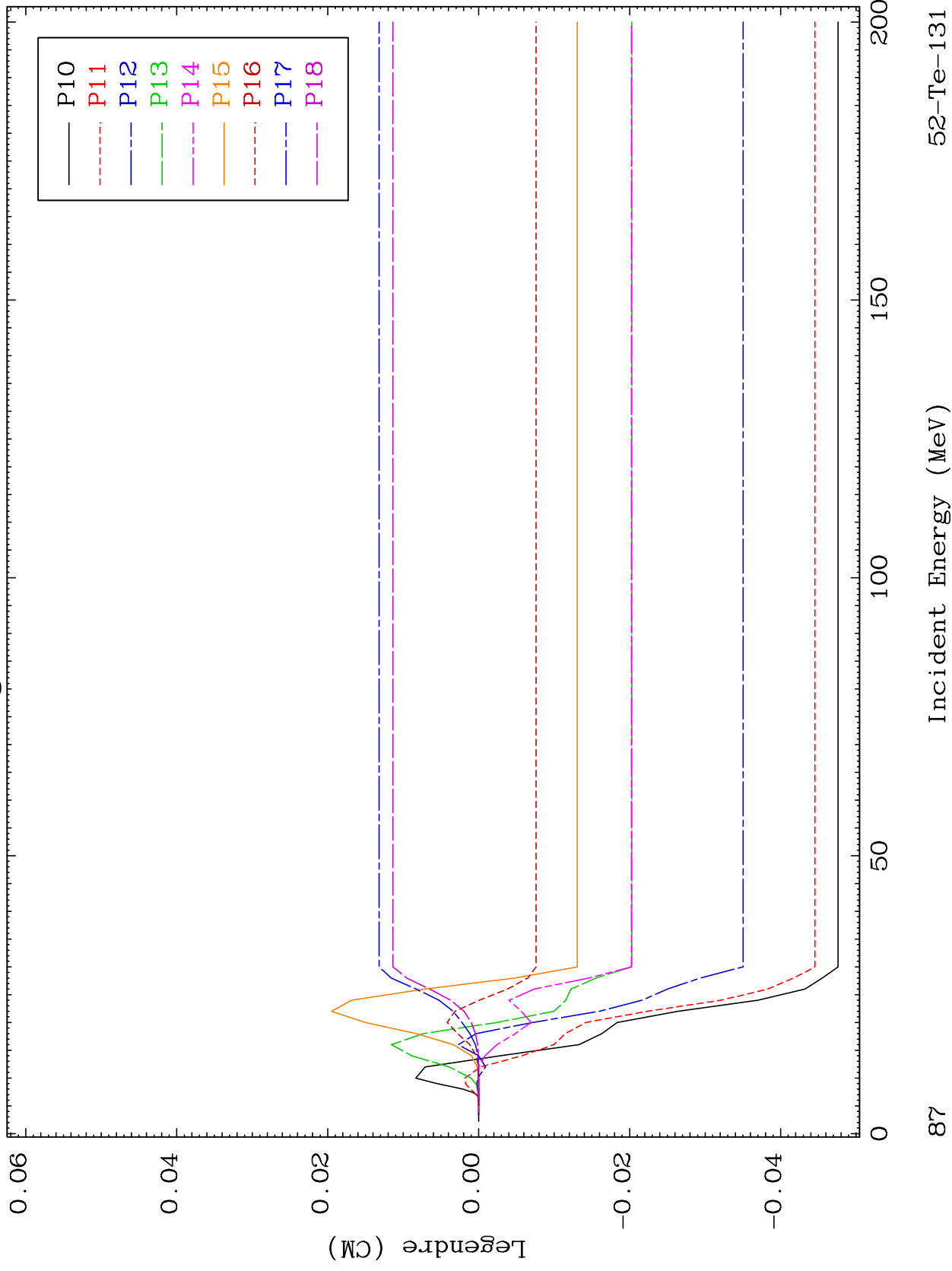




MAT 5258

1.670 MeV (n,n') Level
Legendre Coefficients

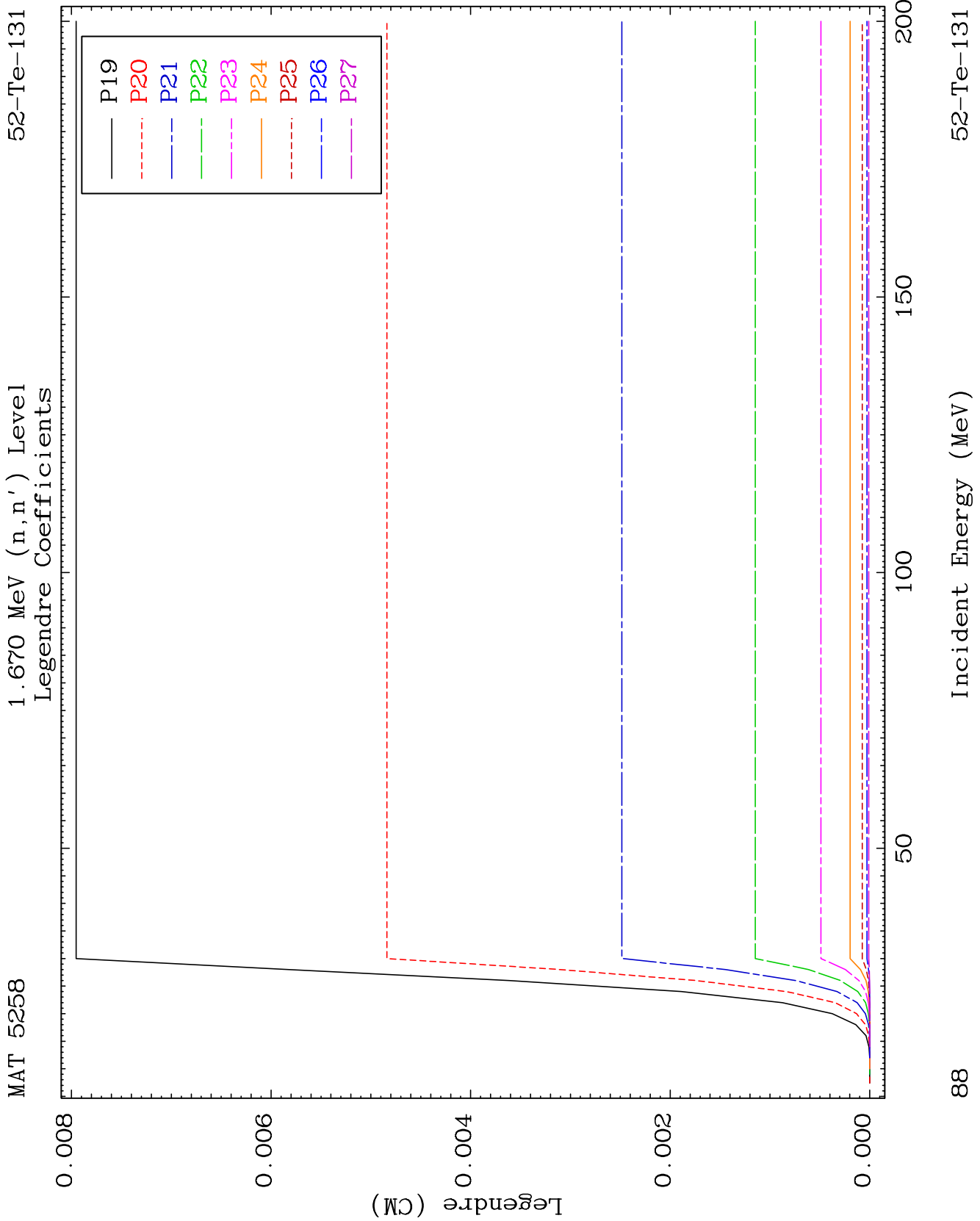
52-Te-131

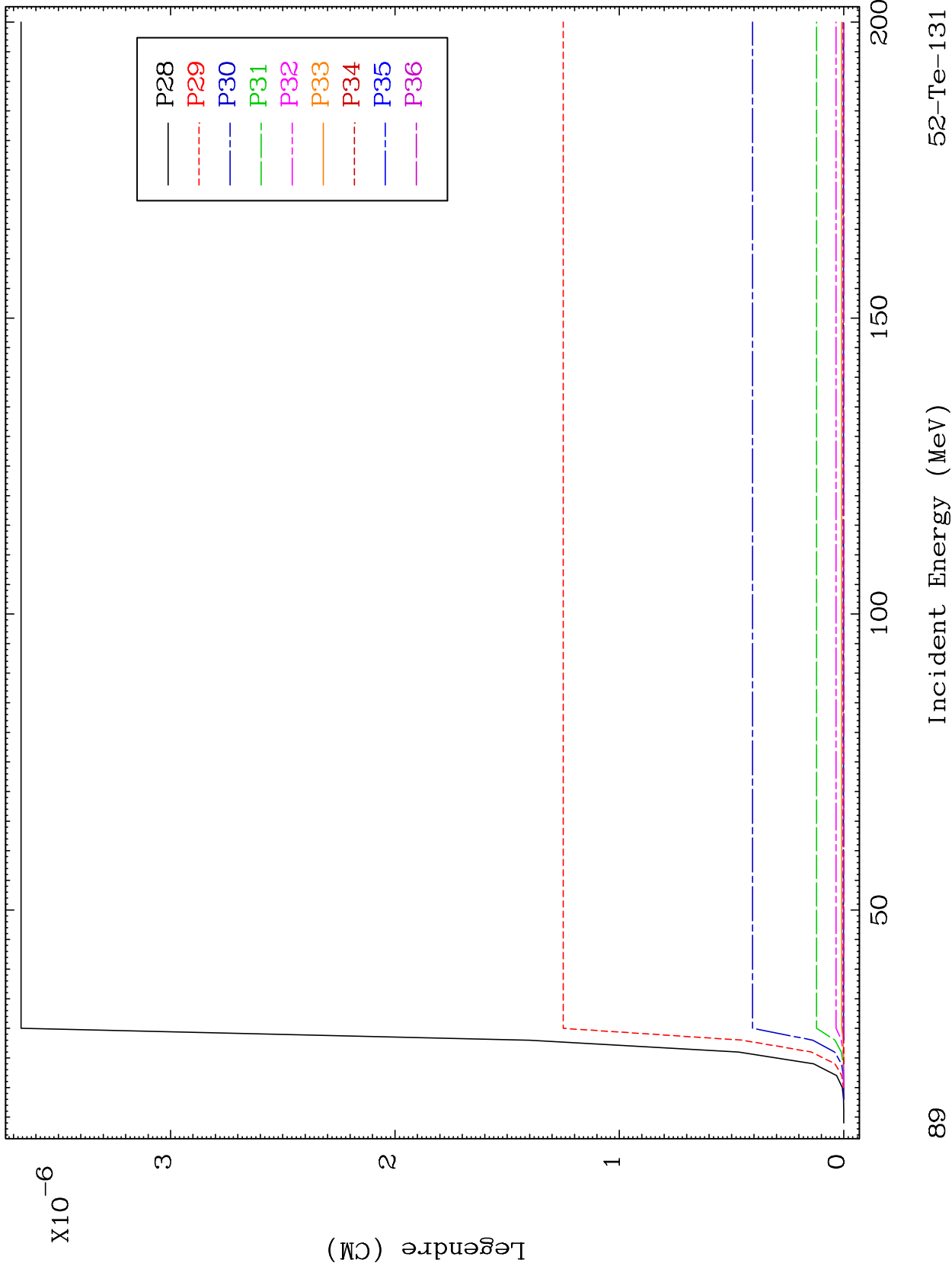


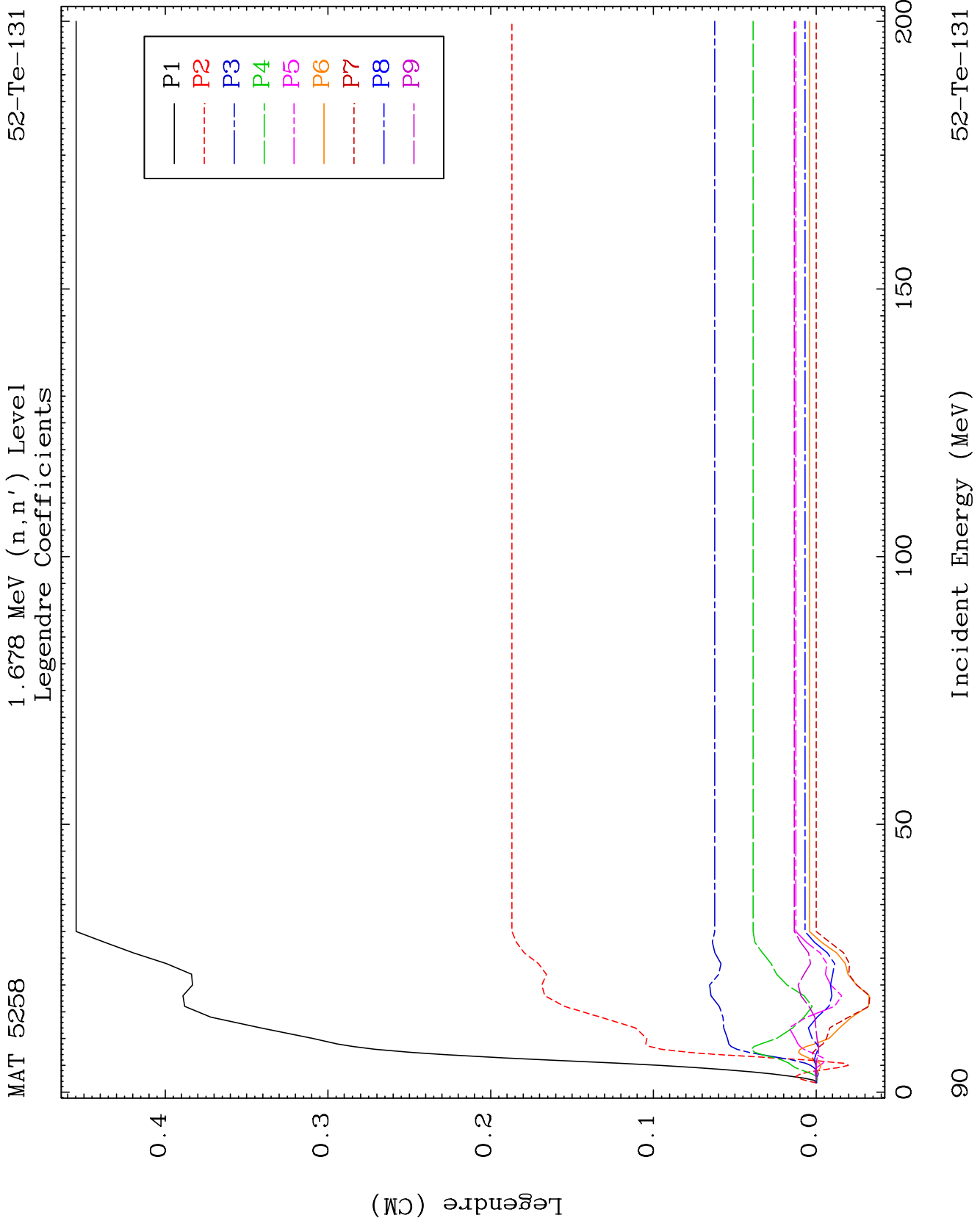
87

Incident Energy (MeV)

52-Te-131



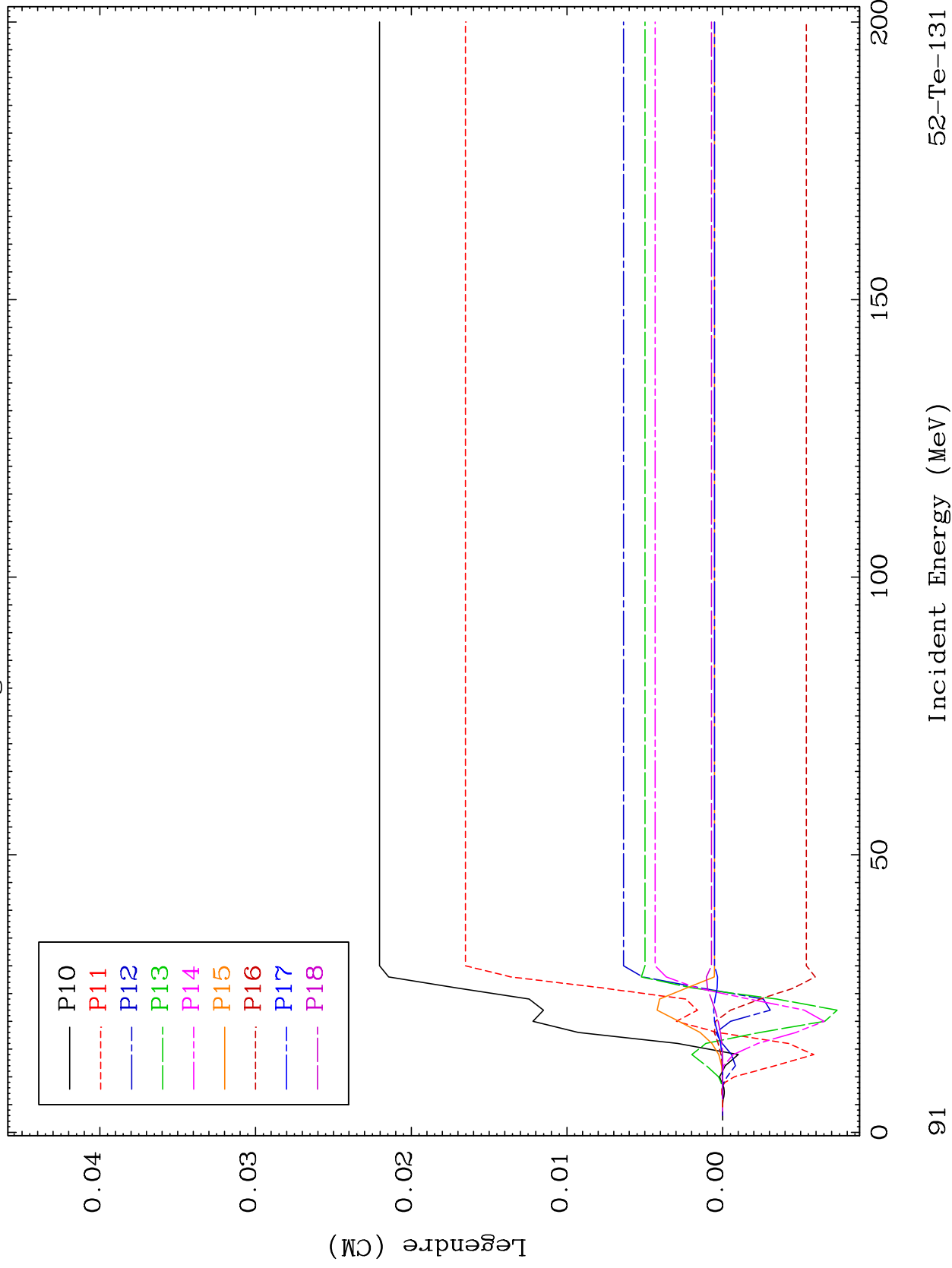




MAT 5258

1.678 MeV (n,n') Level
Legendre Coefficients

52-Te-131



91

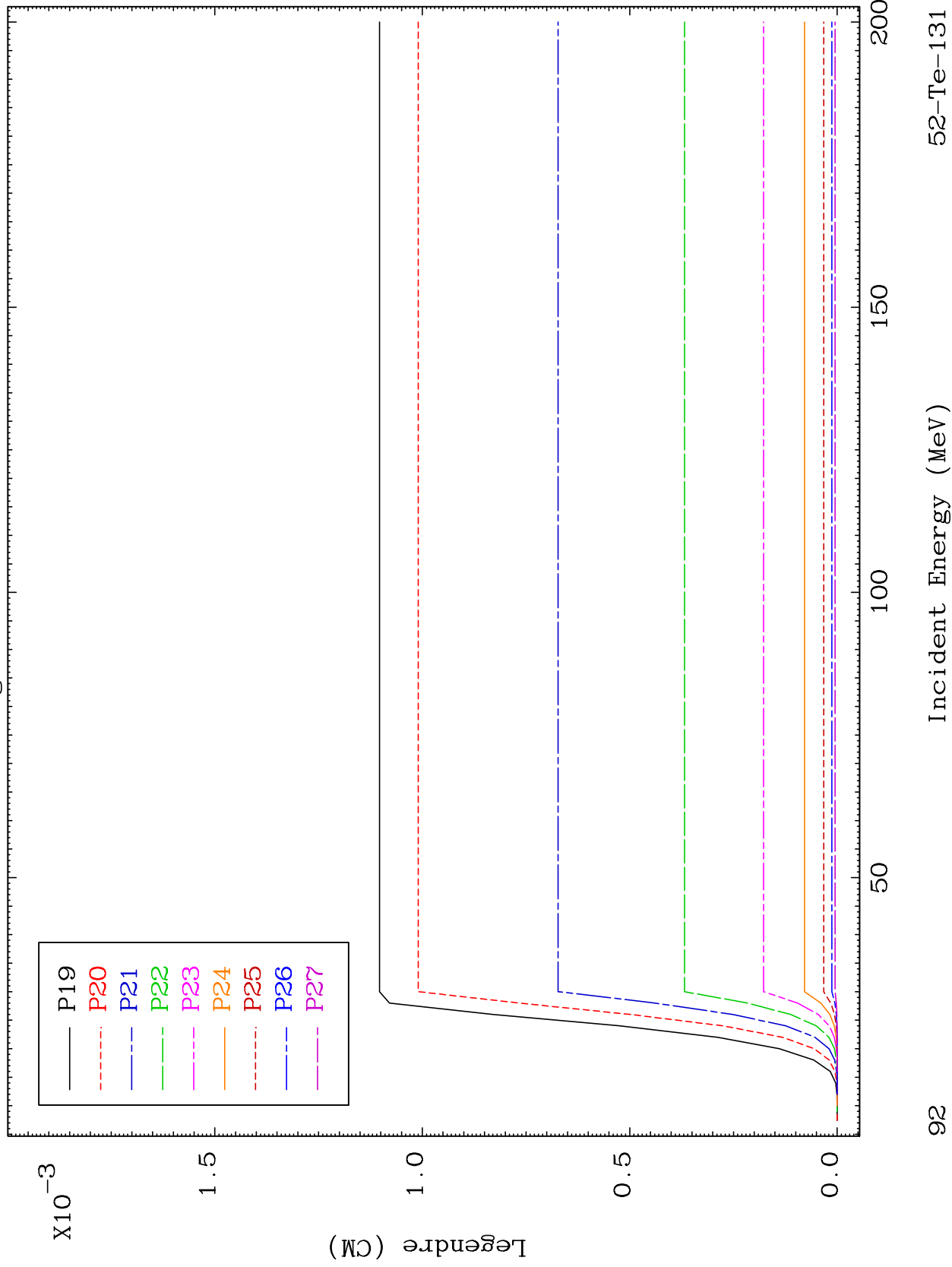
Incident Energy (MeV)

52-Te-131

MAT 5258

1.678 MeV (n, n') Level
Legendre Coefficients

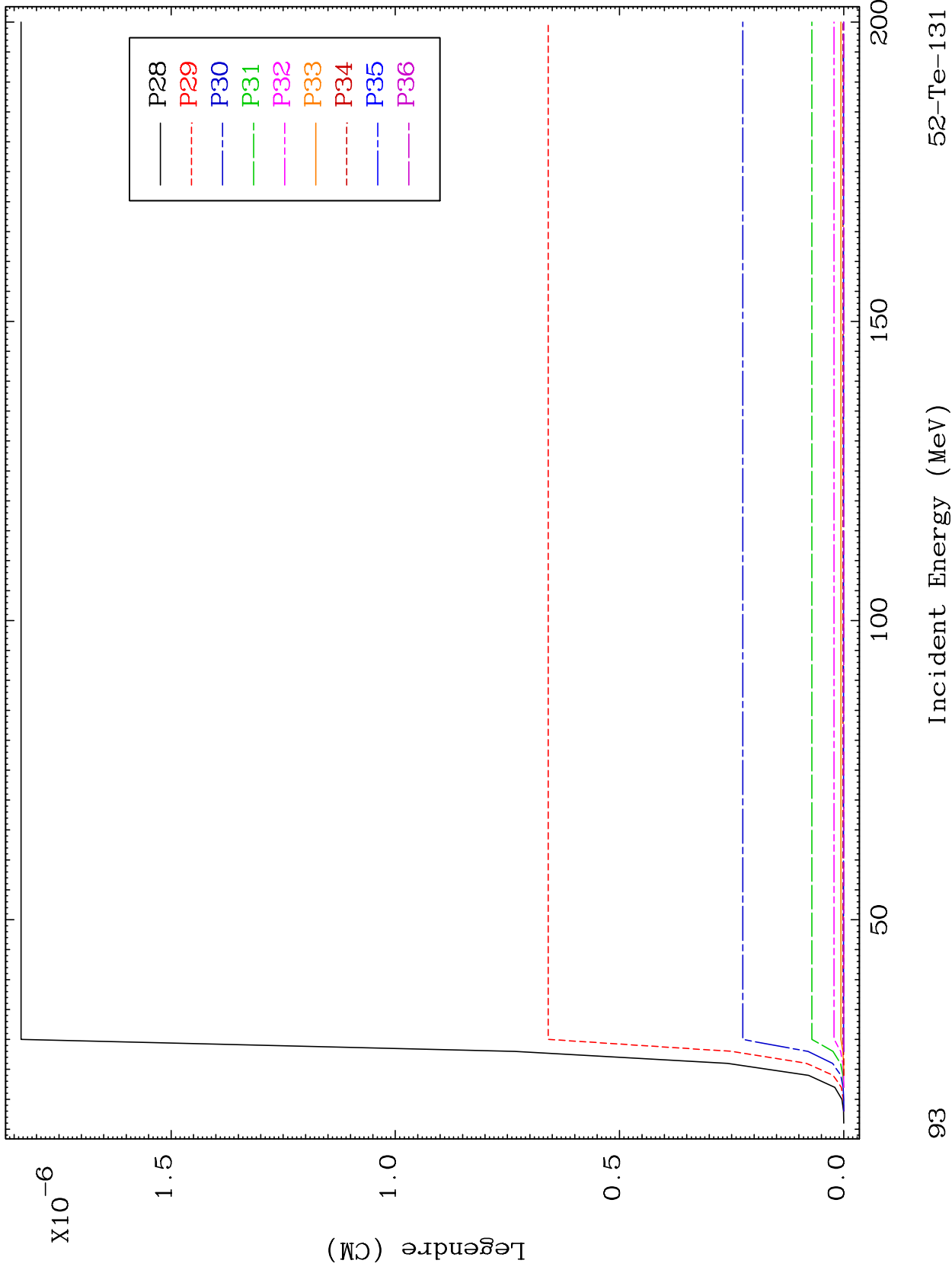
52-Te-131

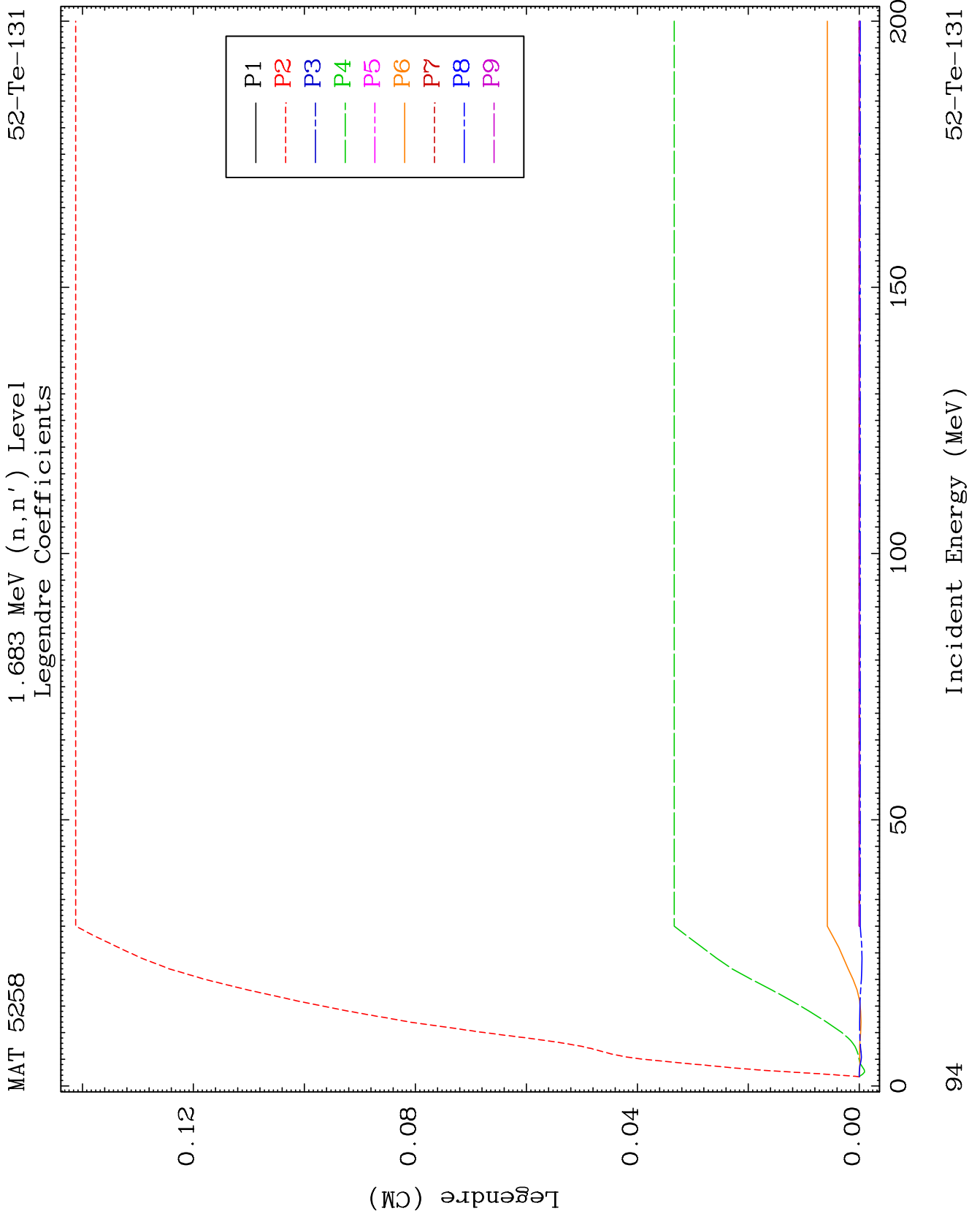


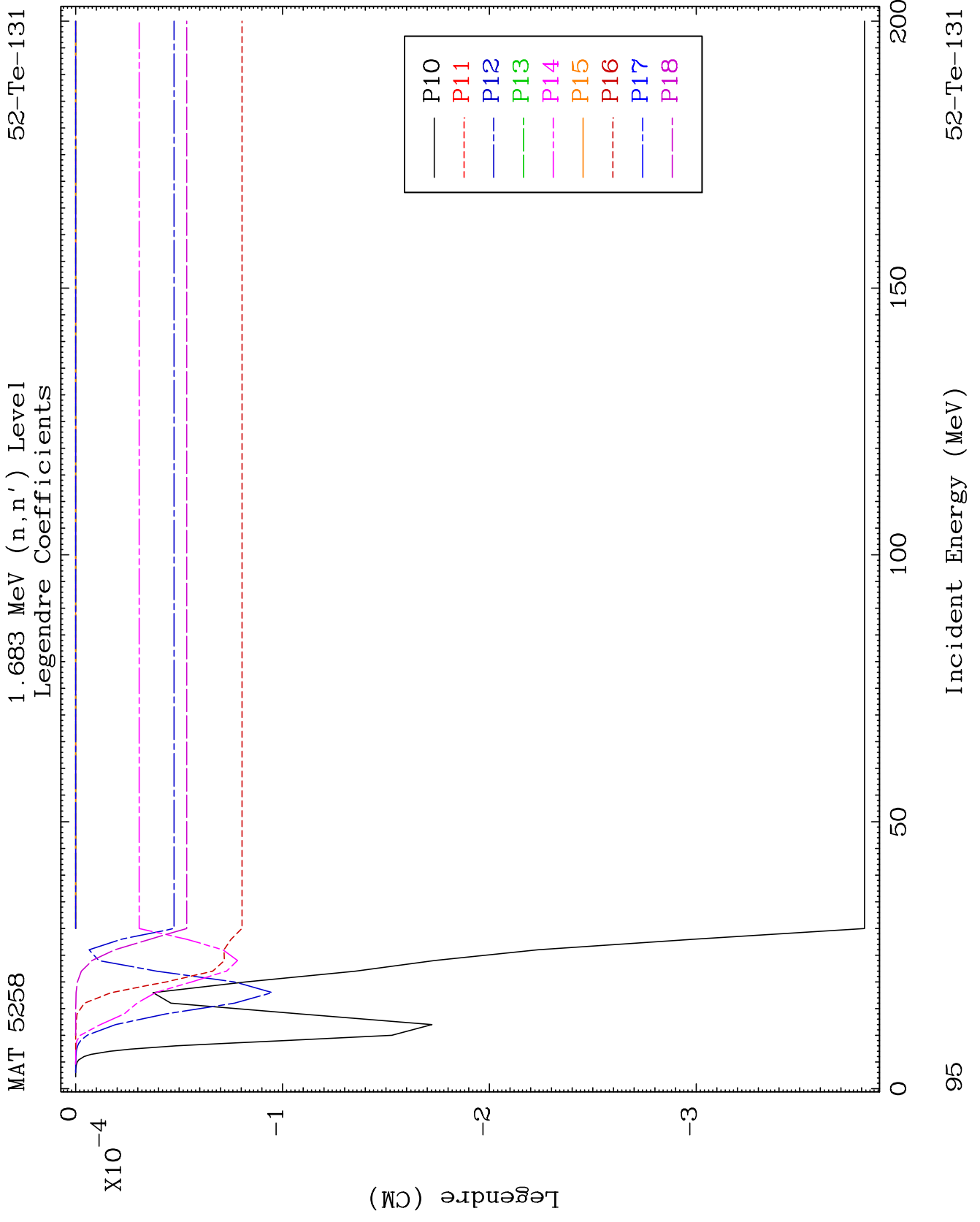
MAT 5258

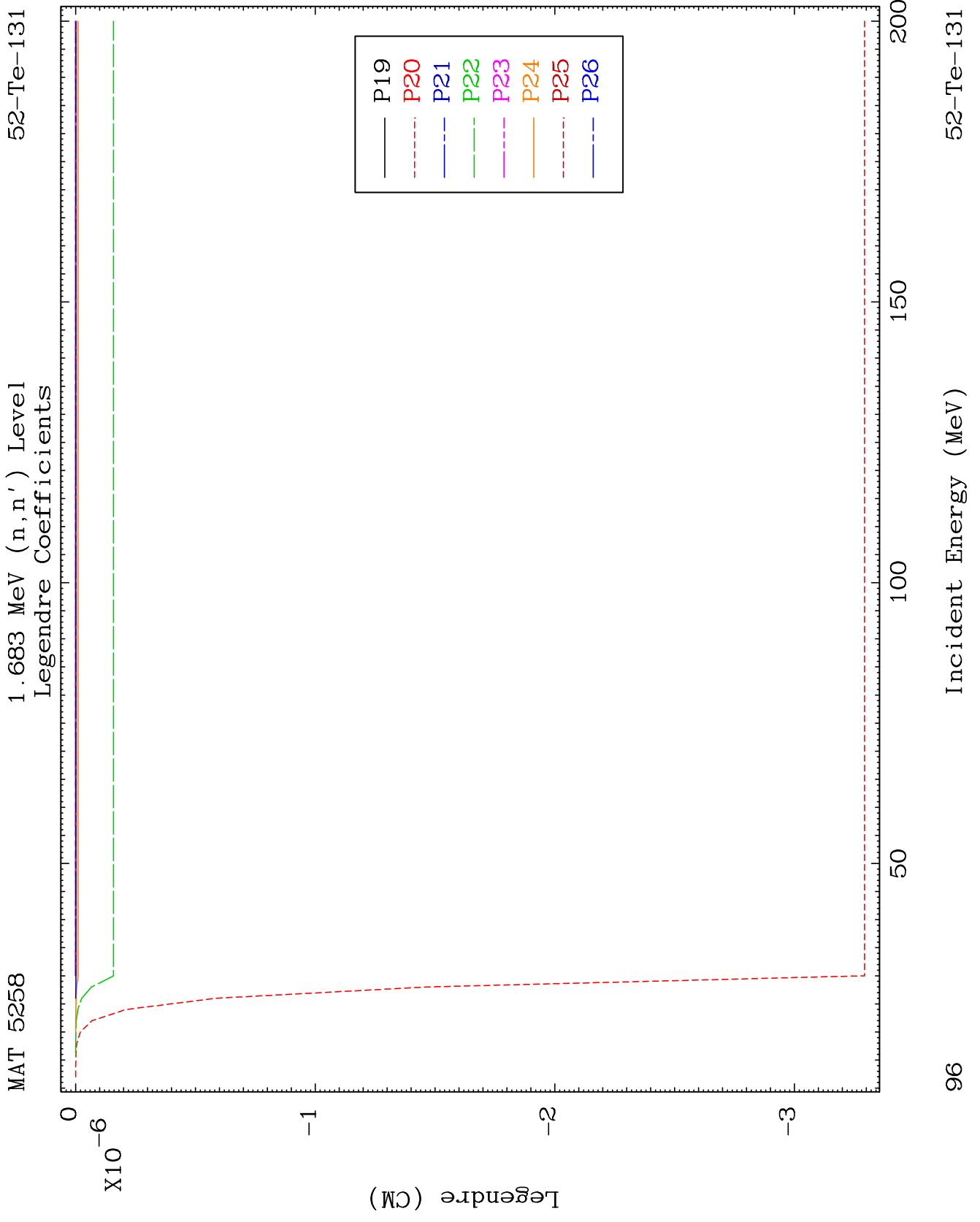
1.678 MeV (n,n') Level
Legendre Coefficients

52-Te-131





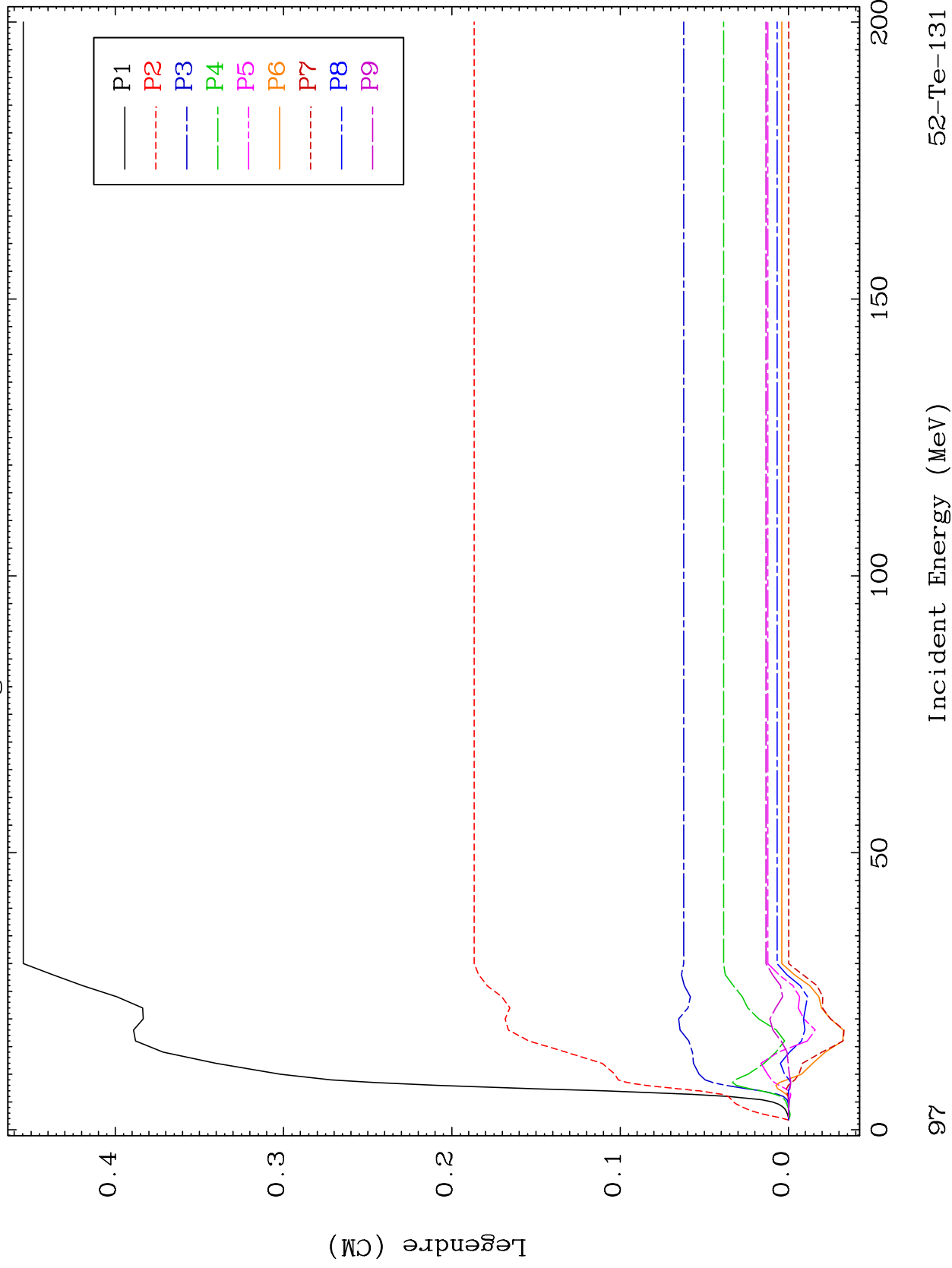




MAT 5258

1.722 MeV (n,n') Level
Legendre Coefficients

52-Te-131



97

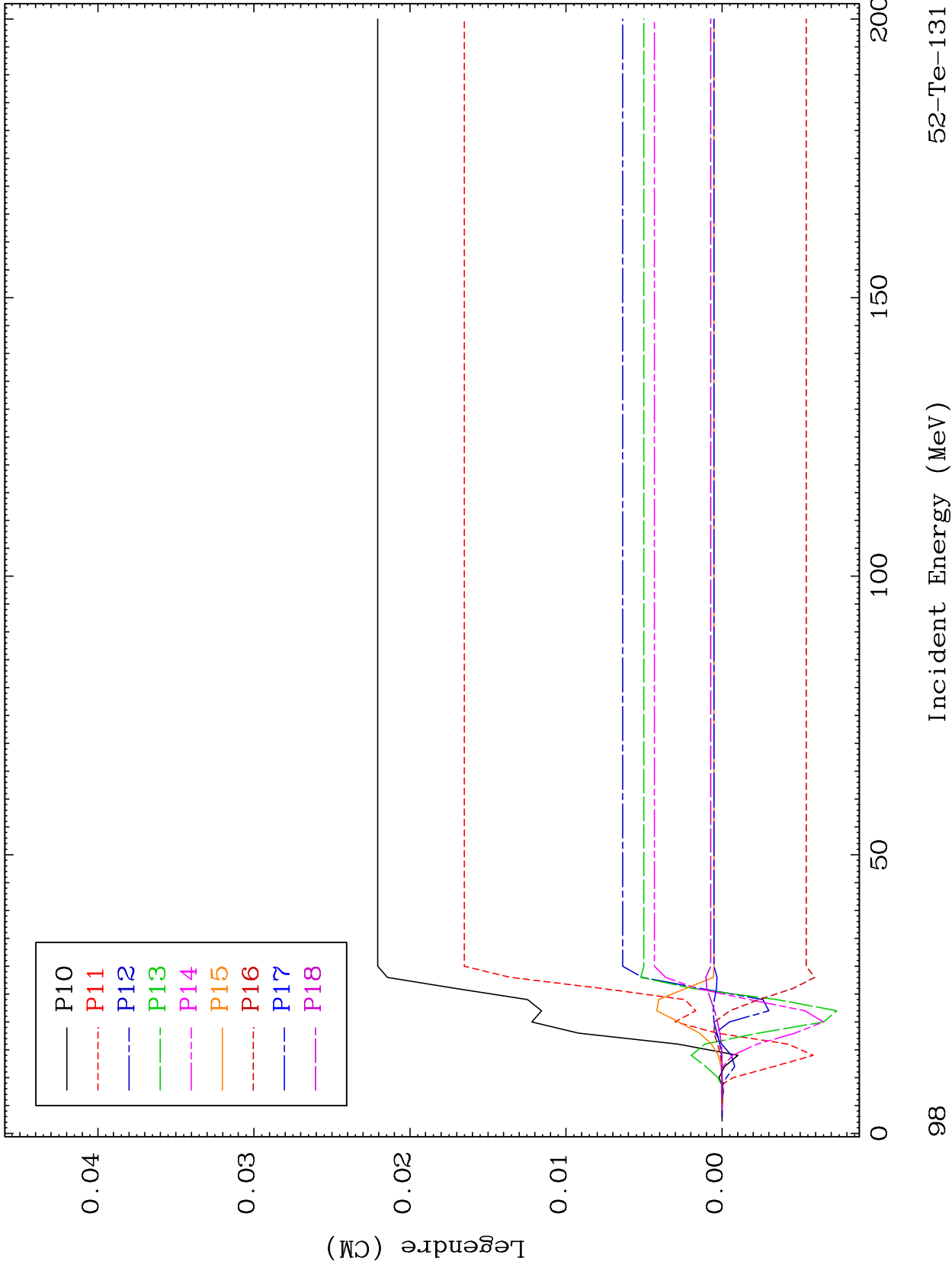
Incident Energy (MeV)

52-Te-131

MAT 5258

1.722 MeV (n,n') Level
Legendre Coefficients

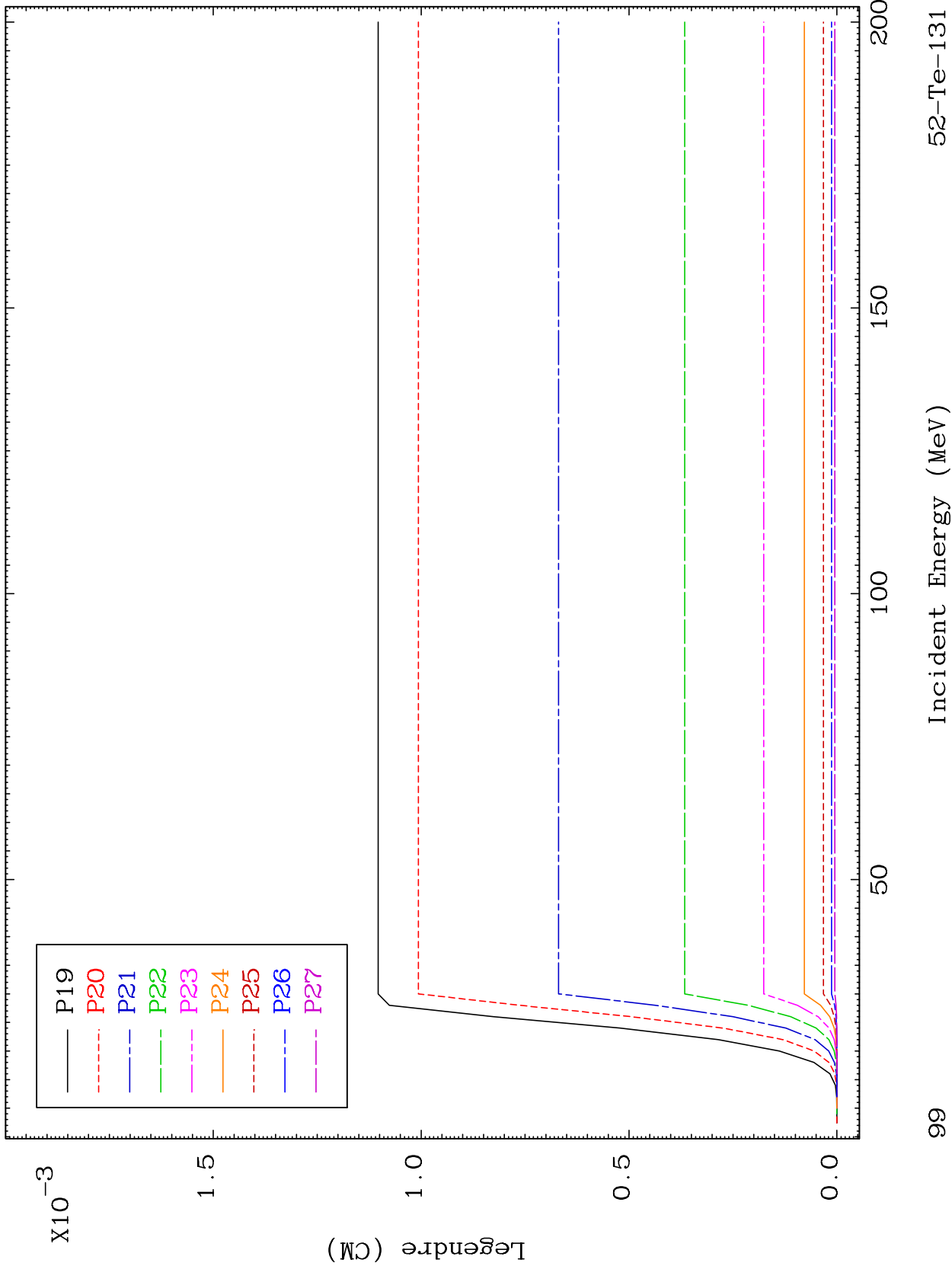
52-Te-131

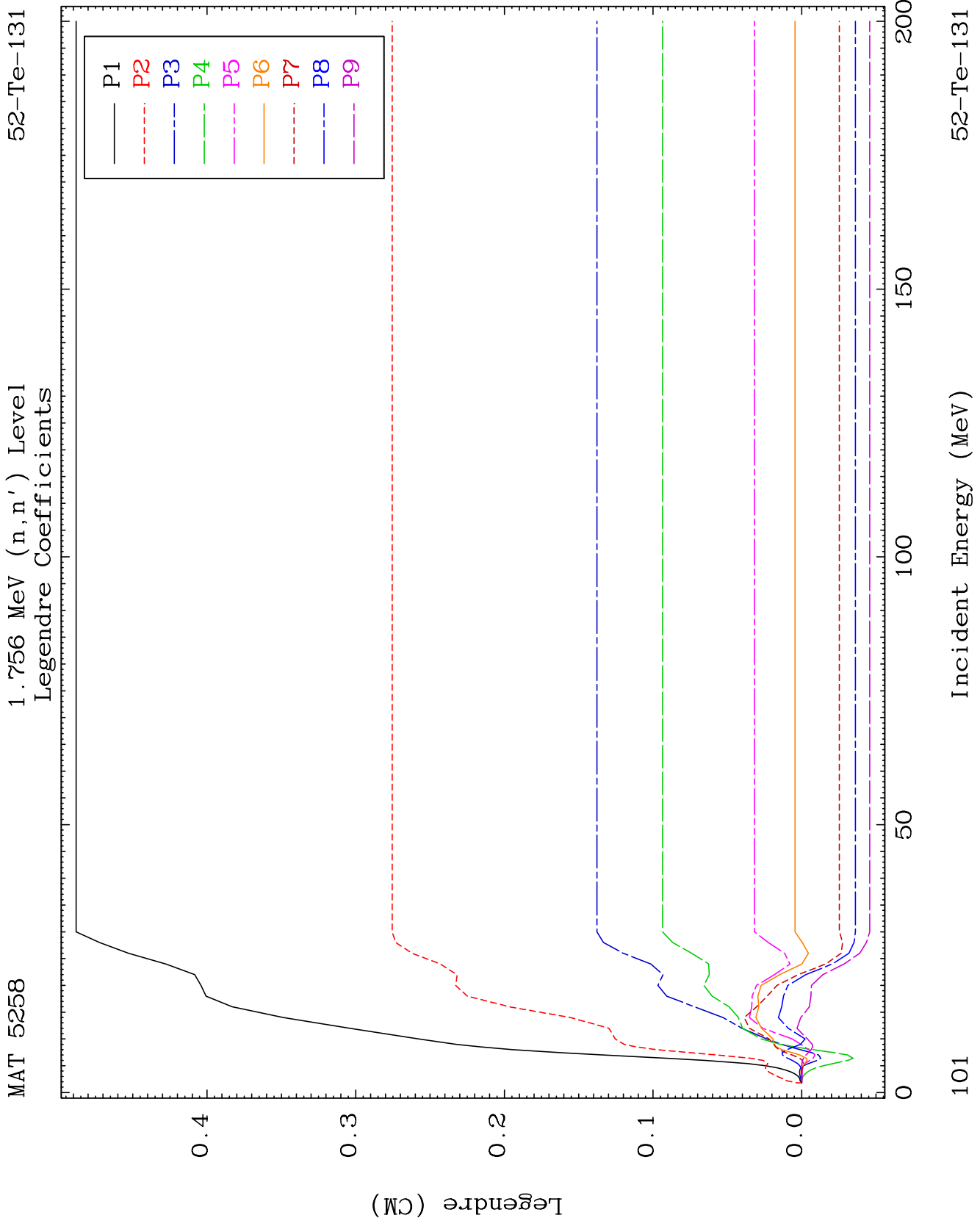


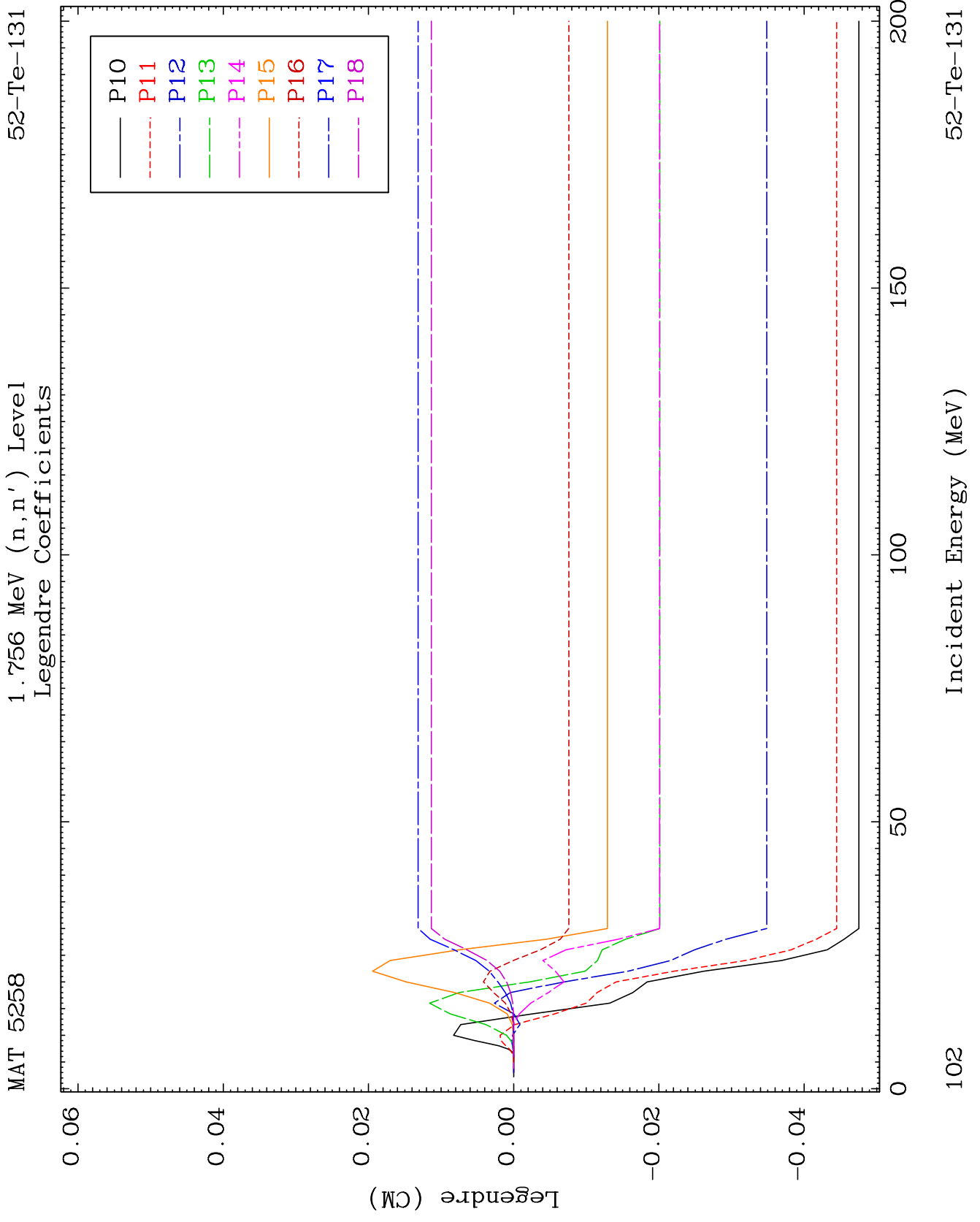
98

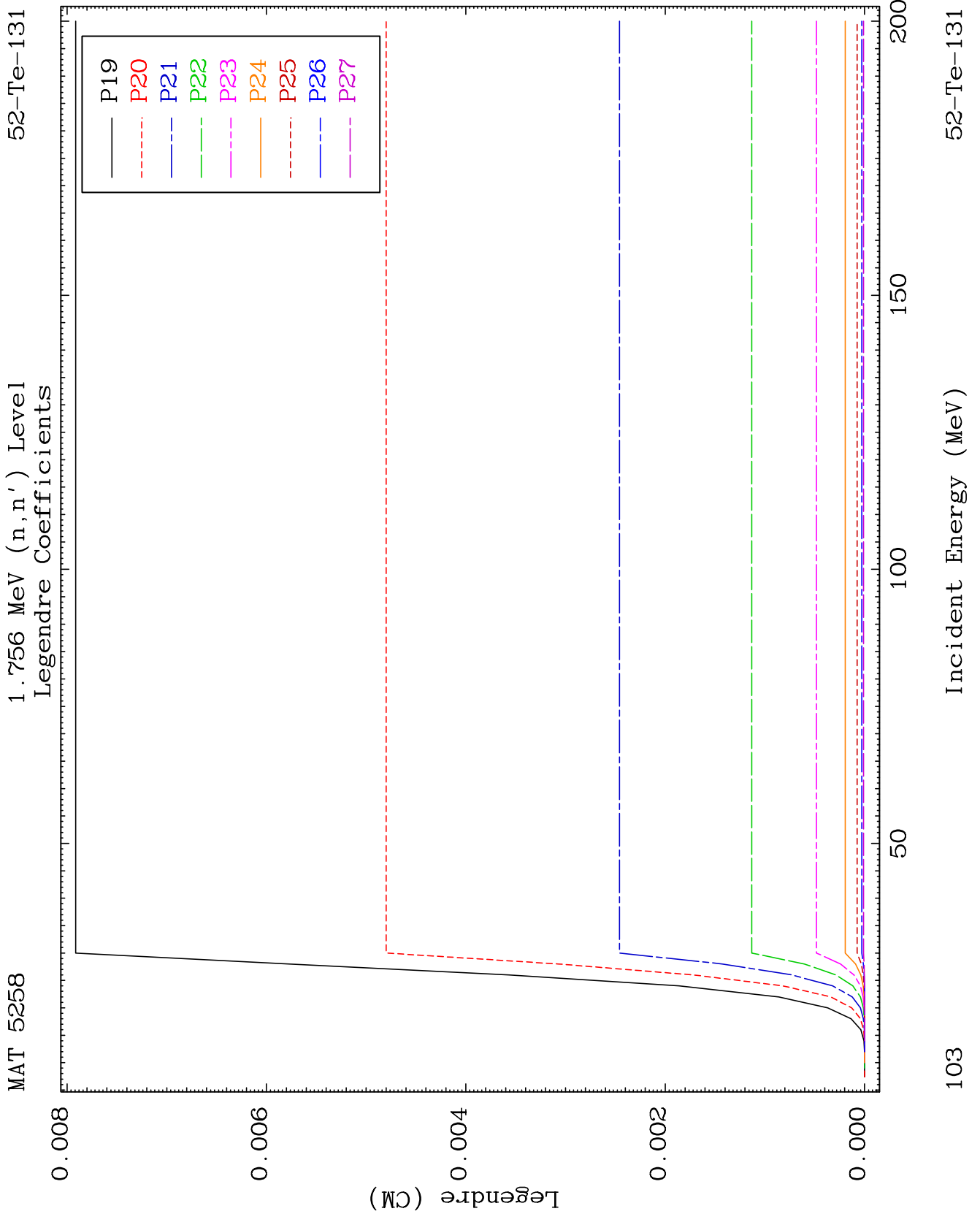
Incident Energy (MeV)

52-Te-131





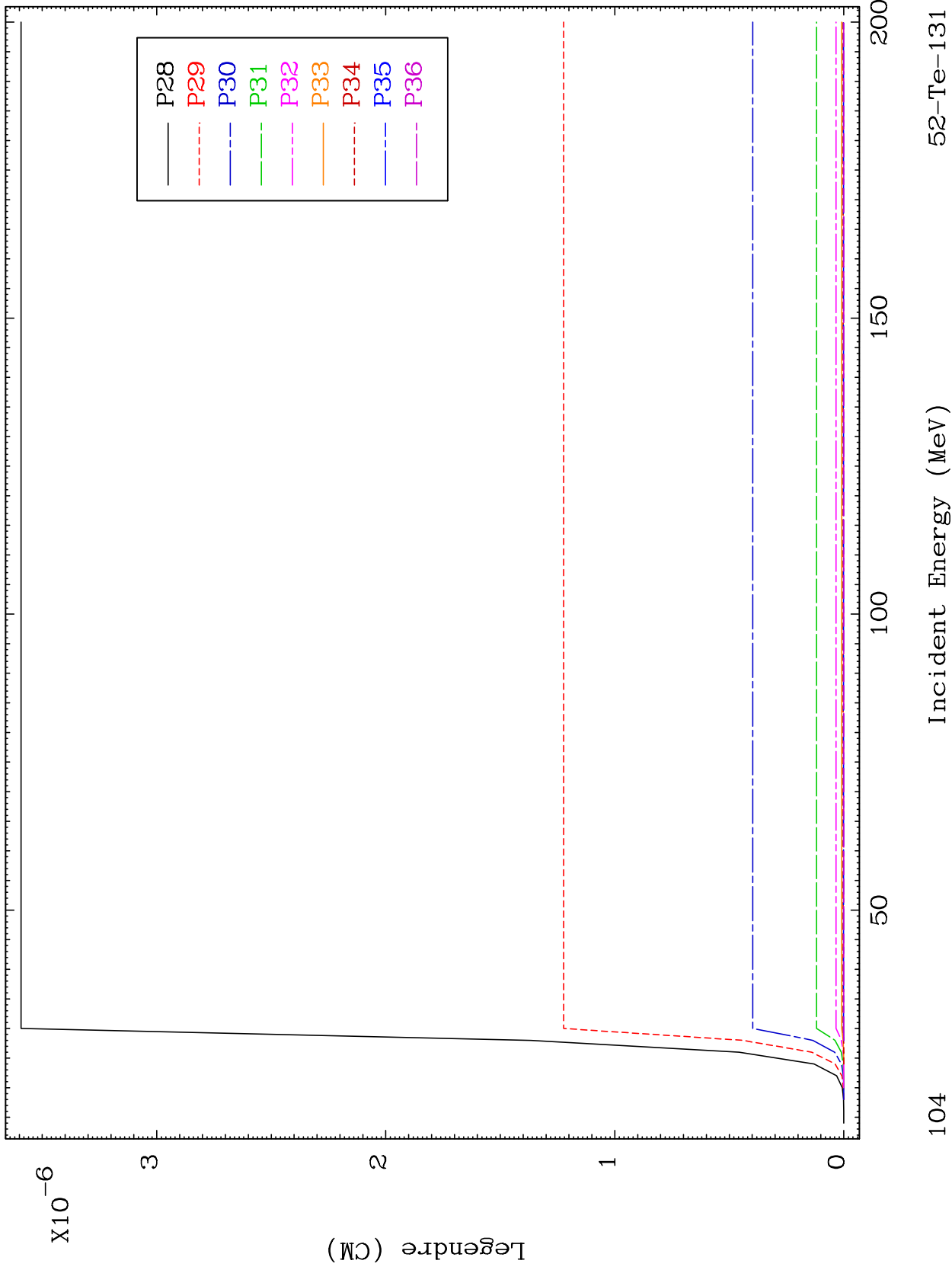




MAT 5258

1.756 MeV (n,n') Level
Legendre Coefficients

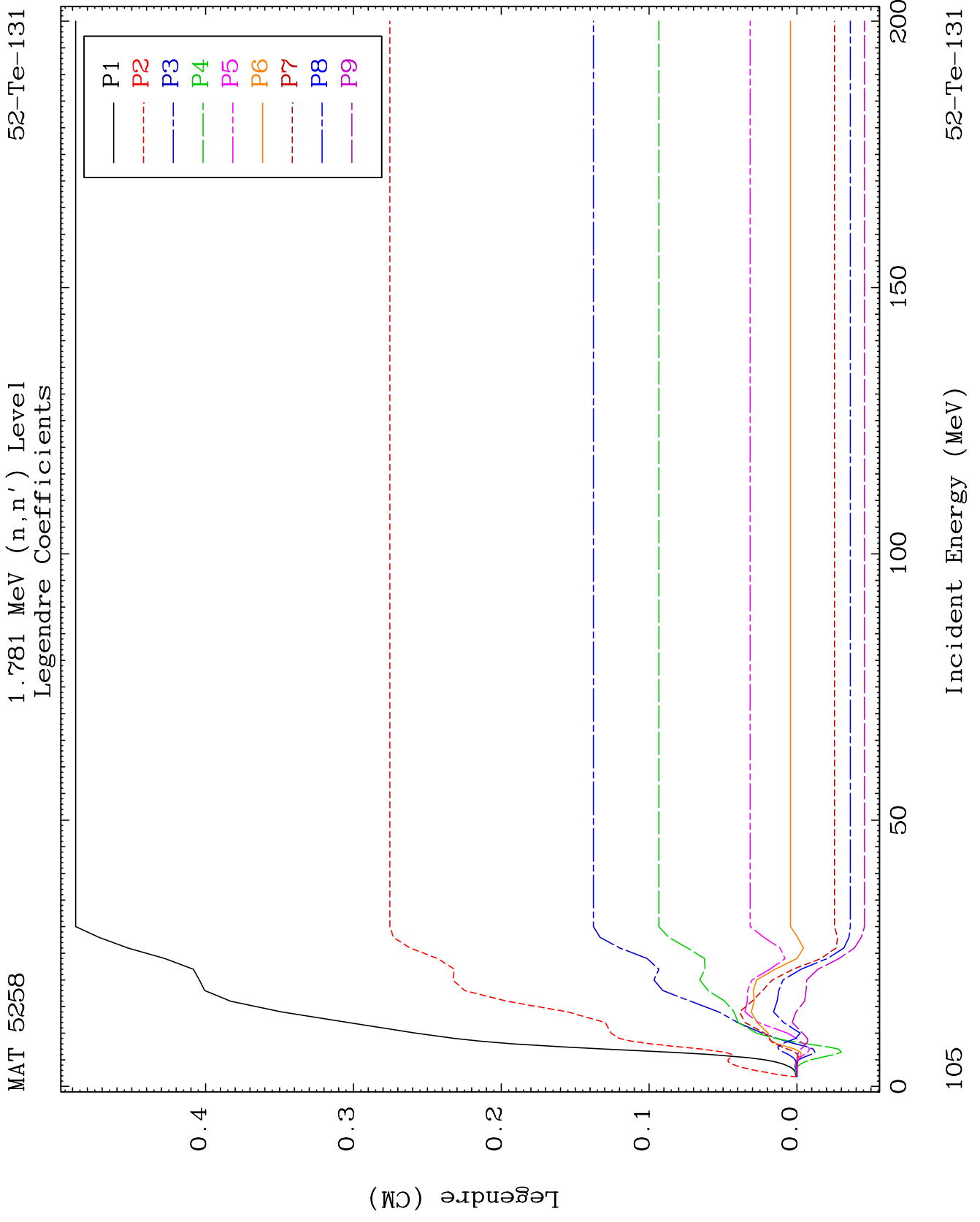
52-Te-131

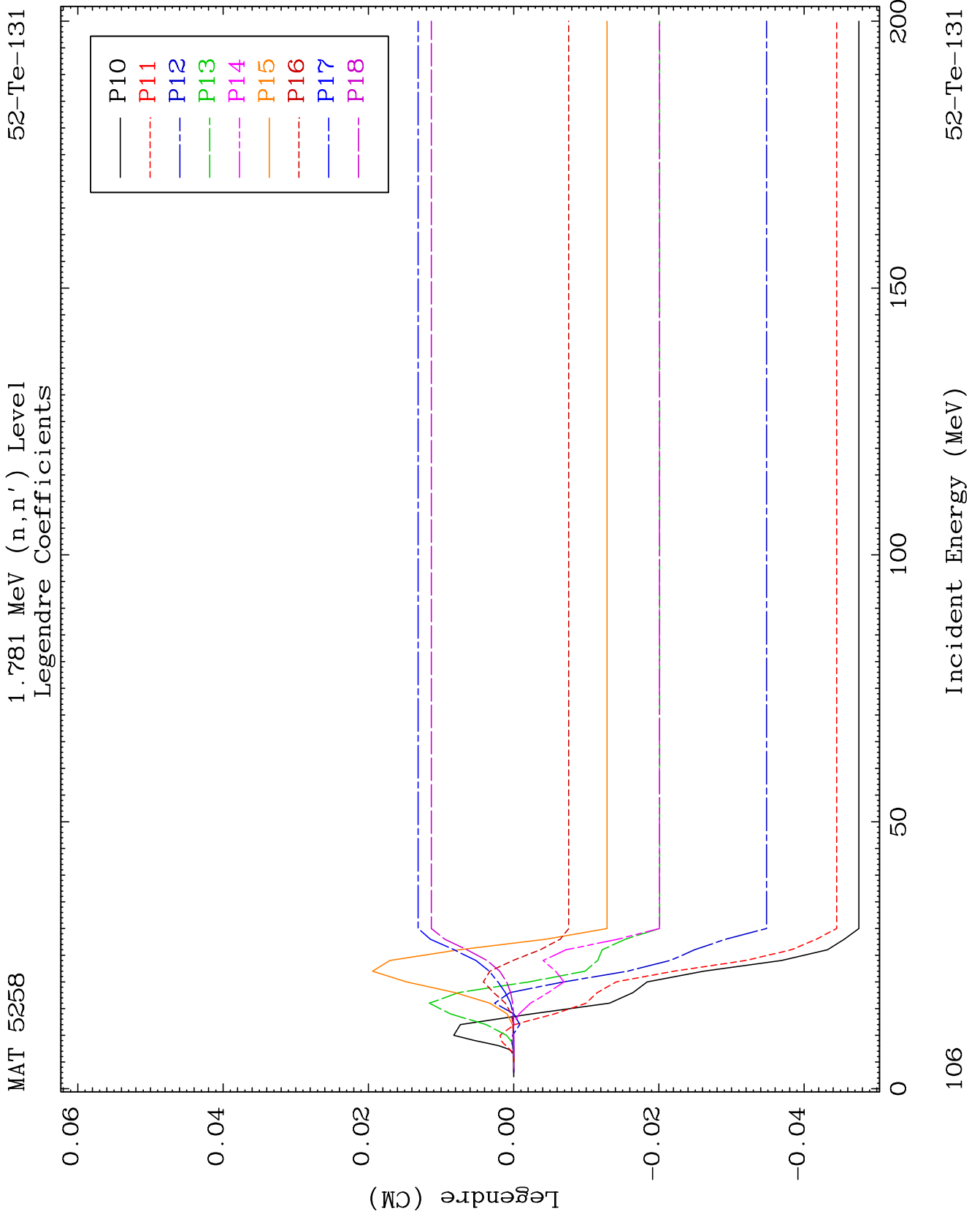


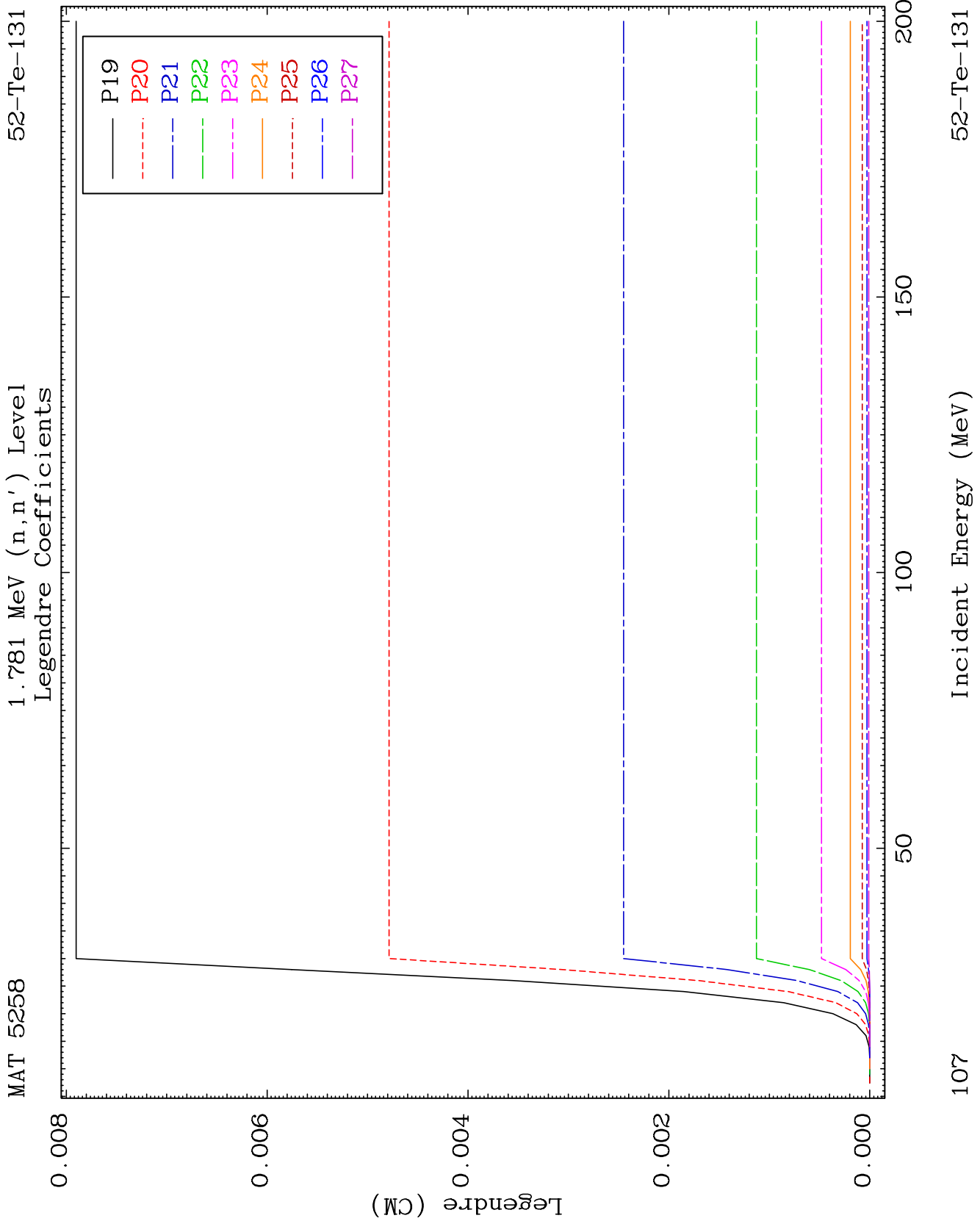
104

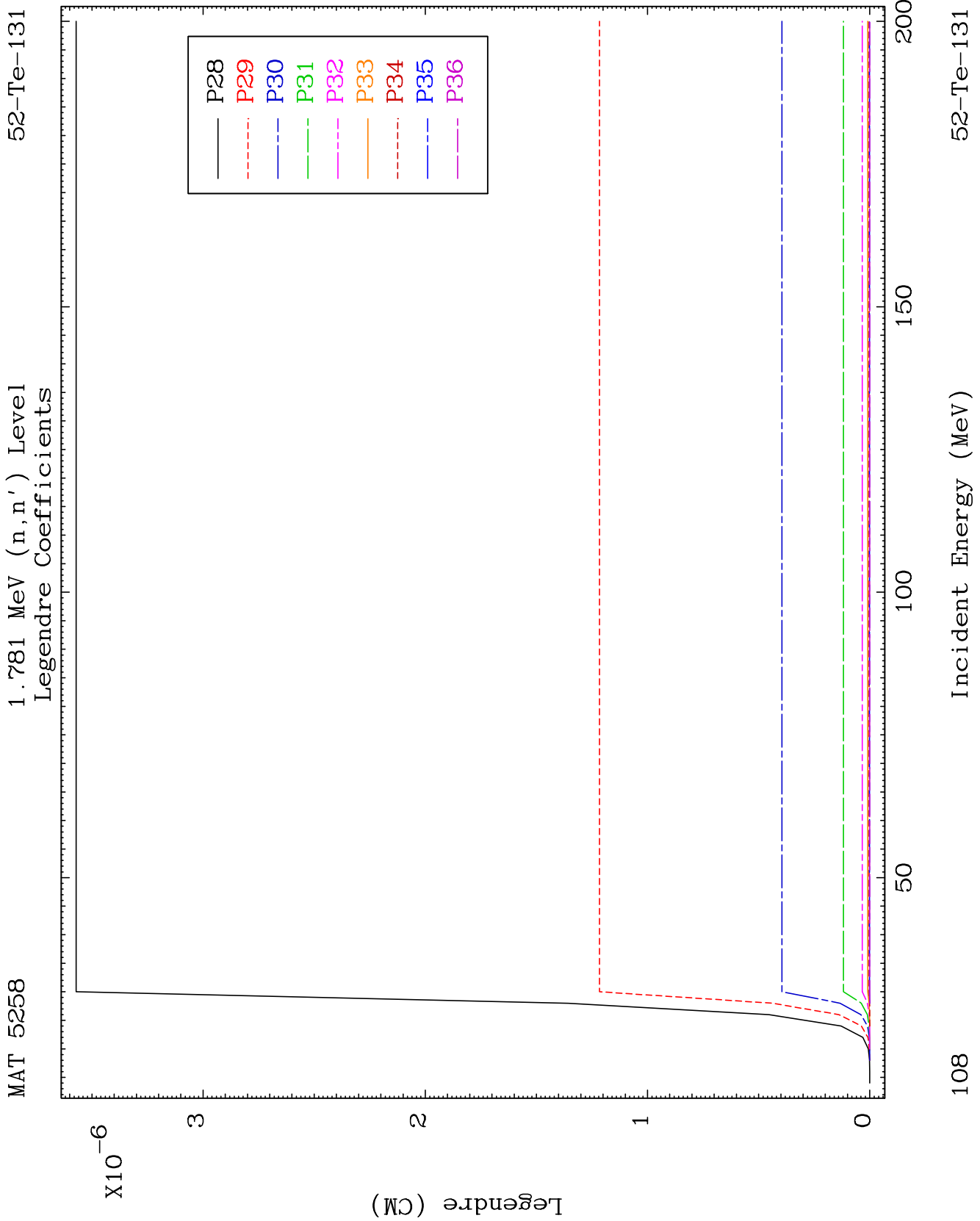
Incident Energy (MeV)

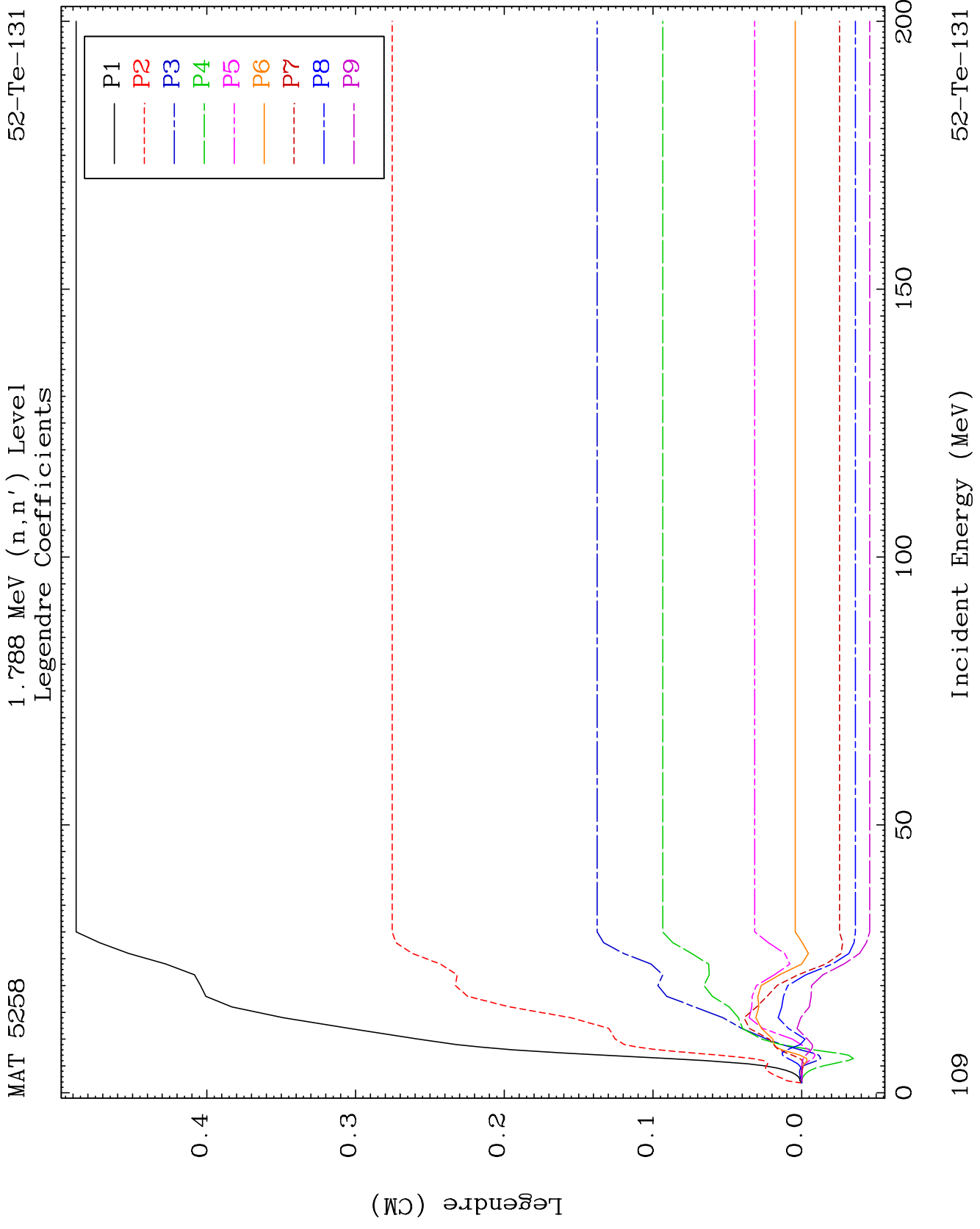
52-Te-131

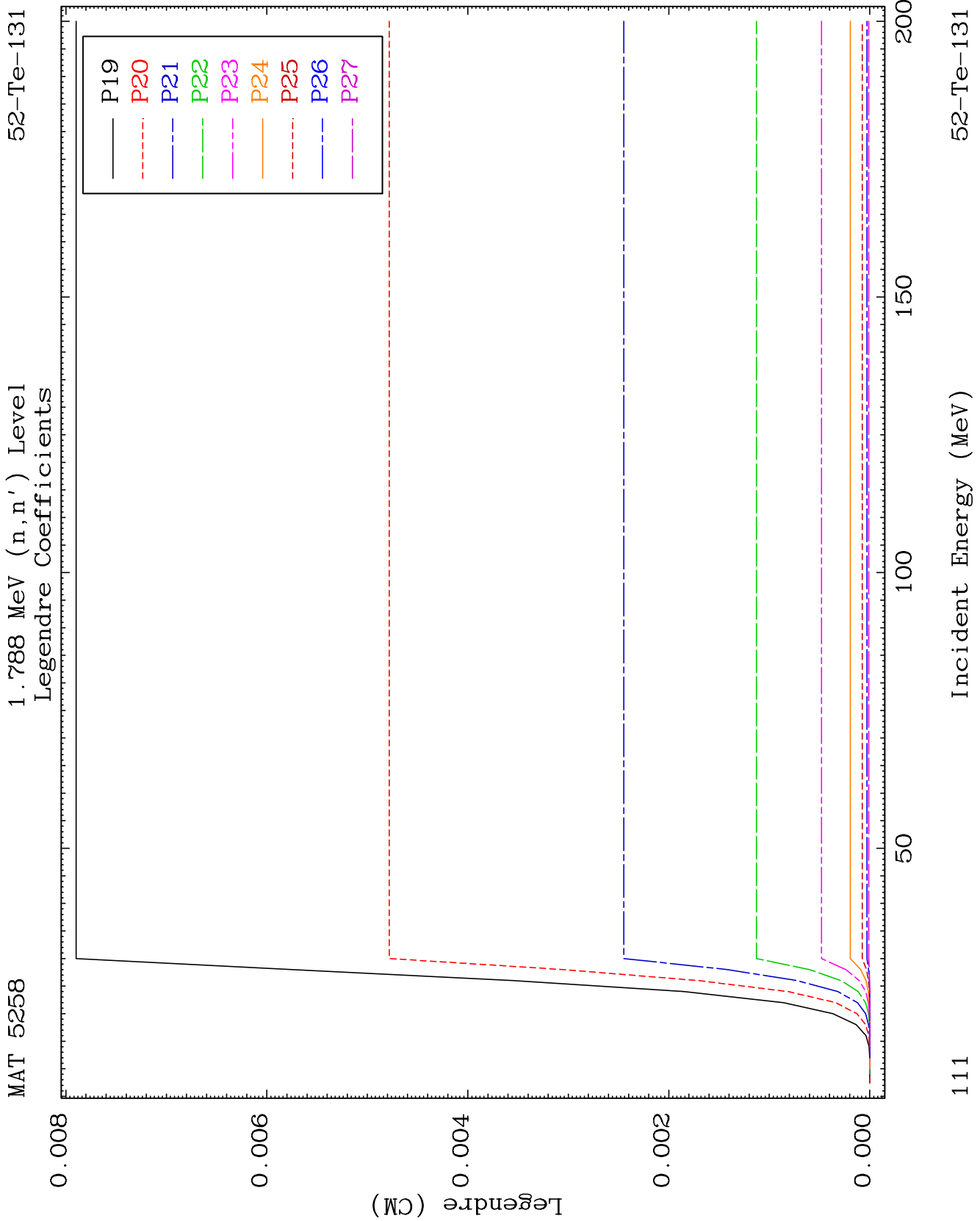


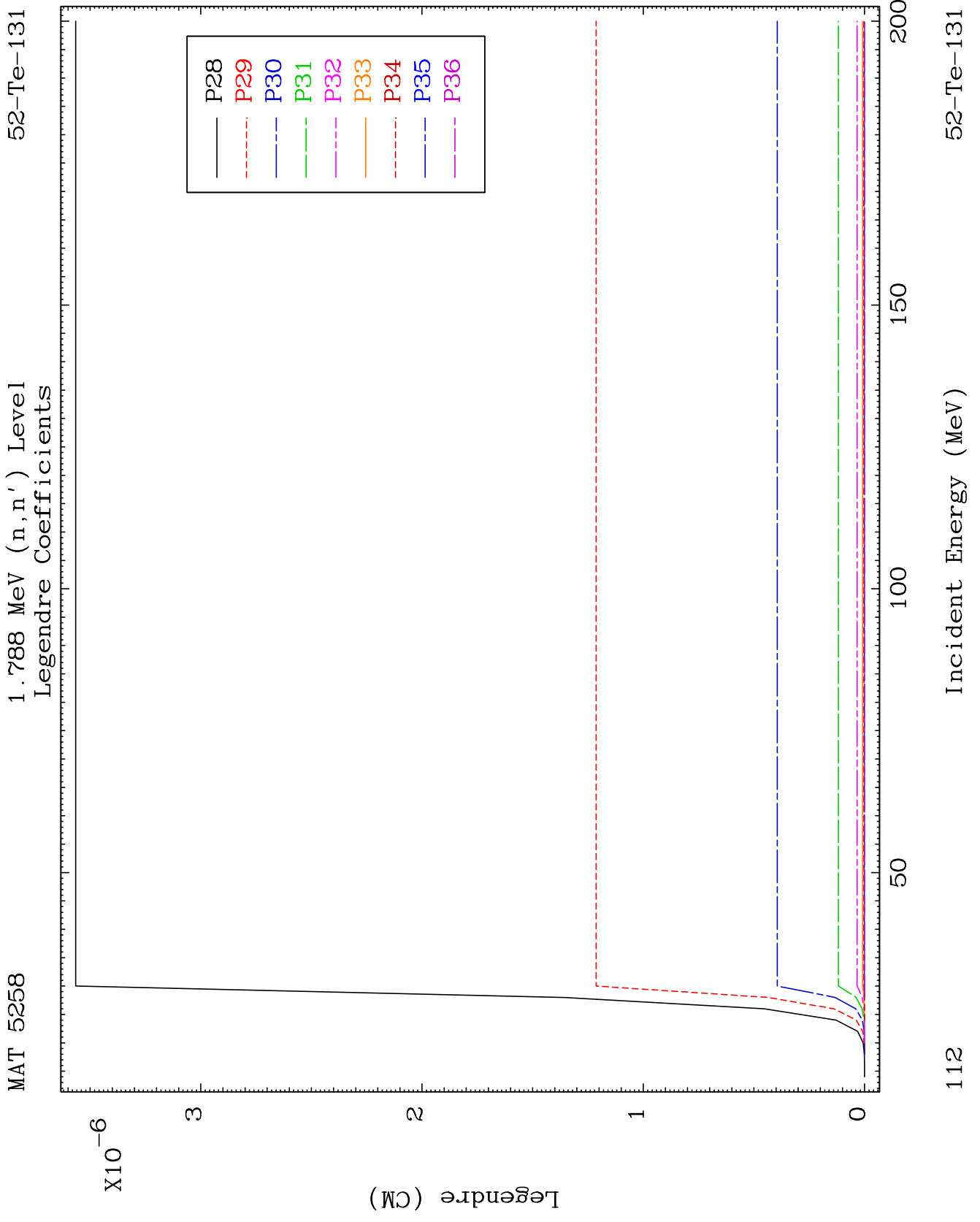








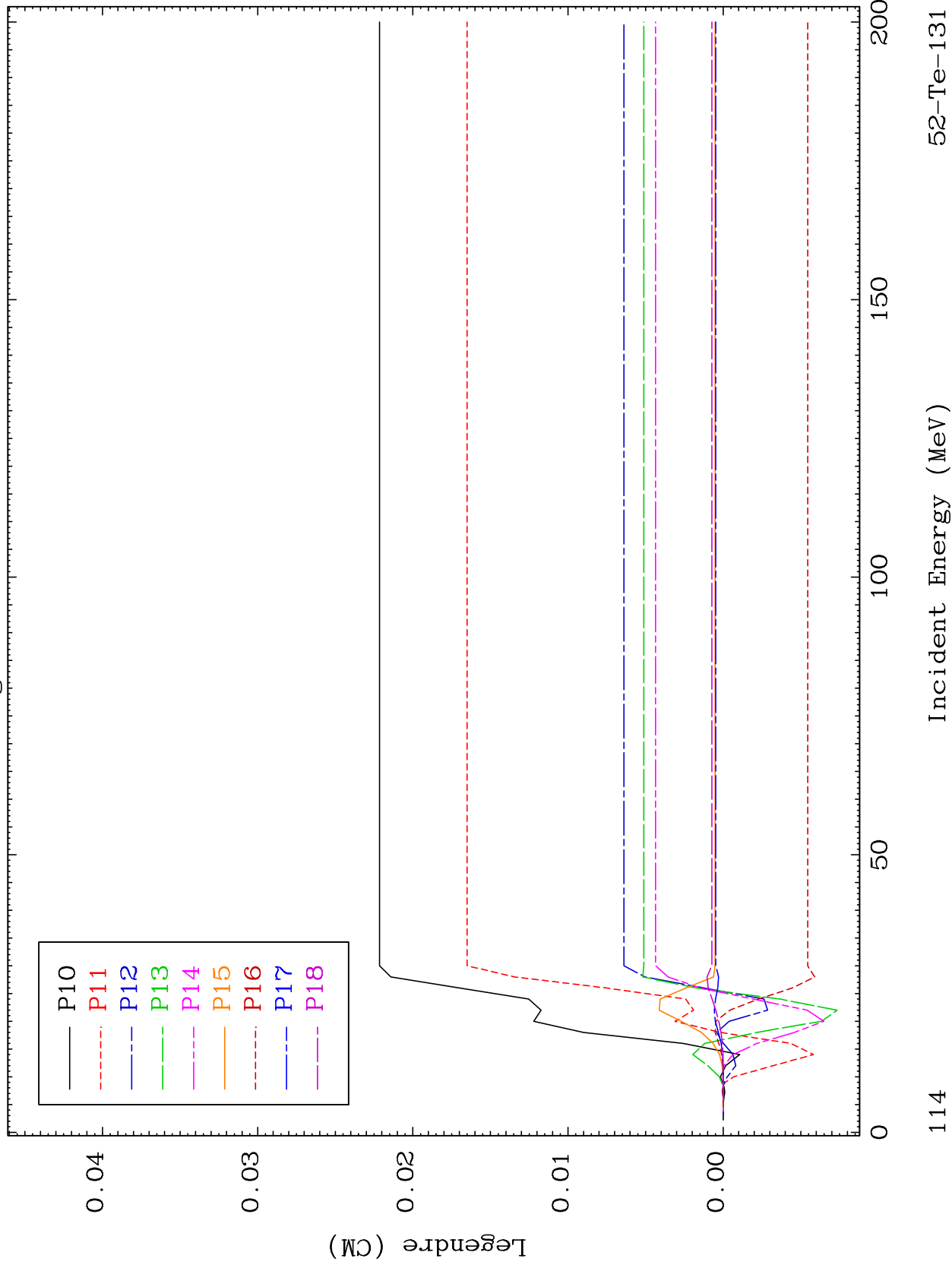




MAT 5258

1.842 MeV (n,n') Level
Legendre Coefficients

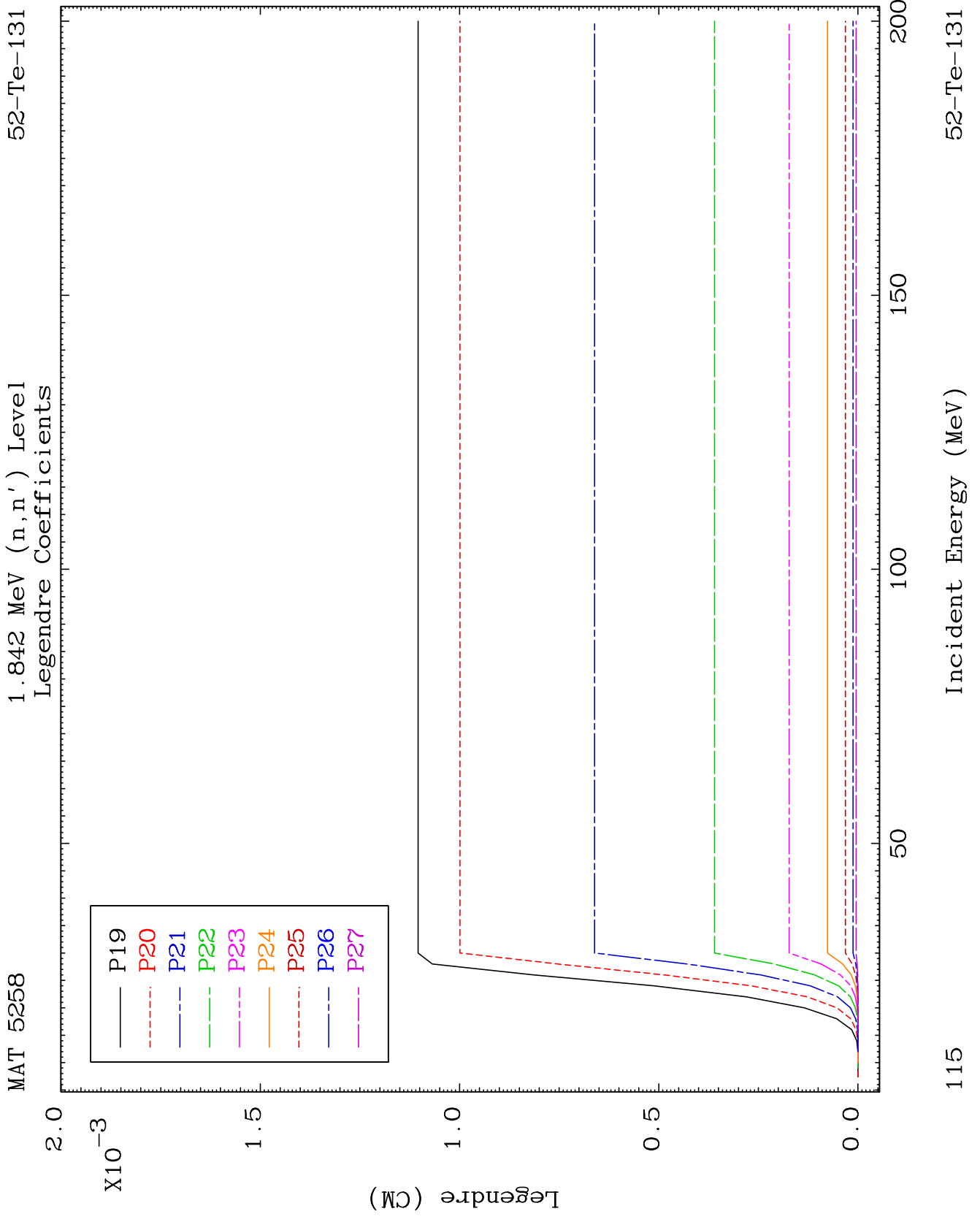
52-Te-131

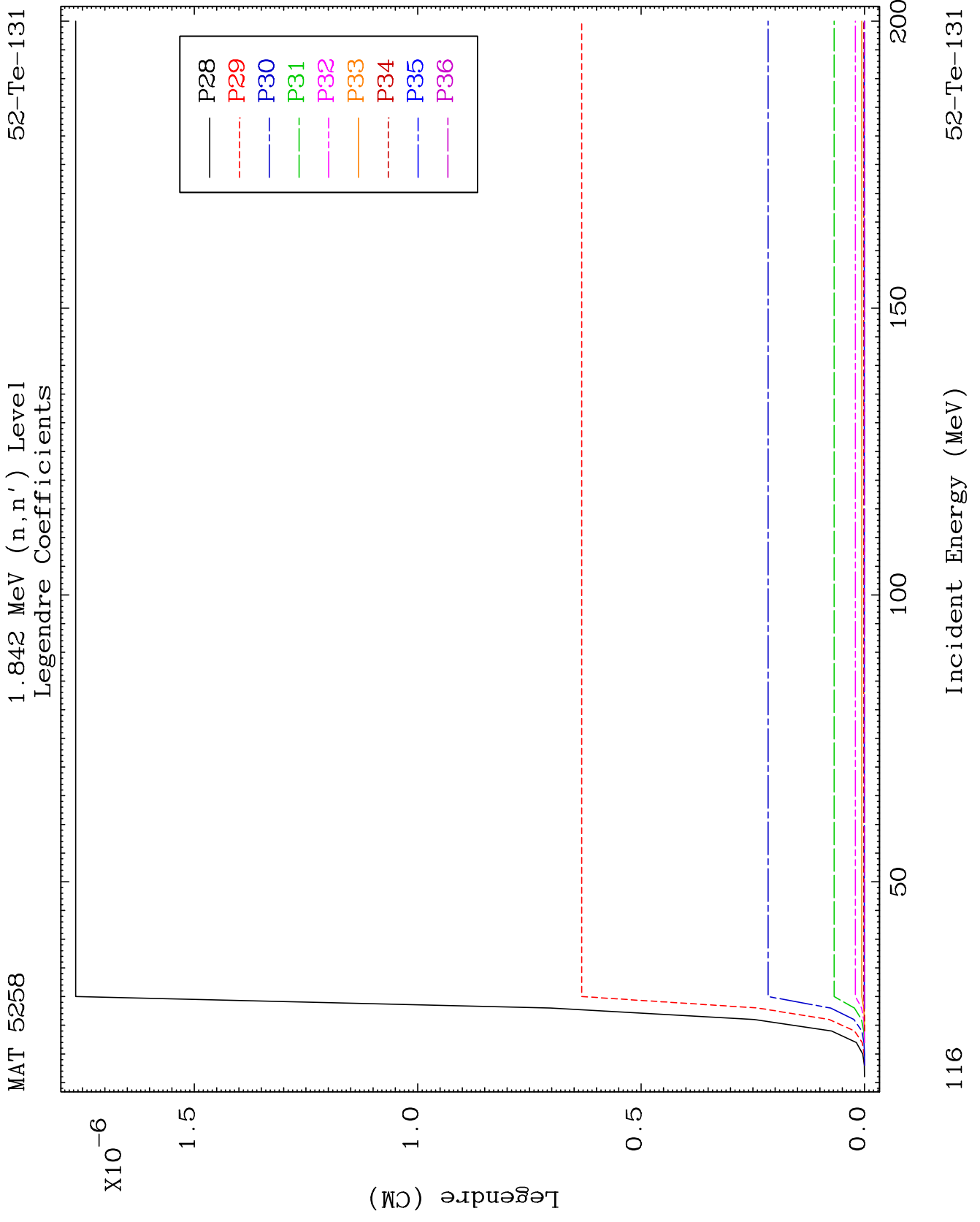


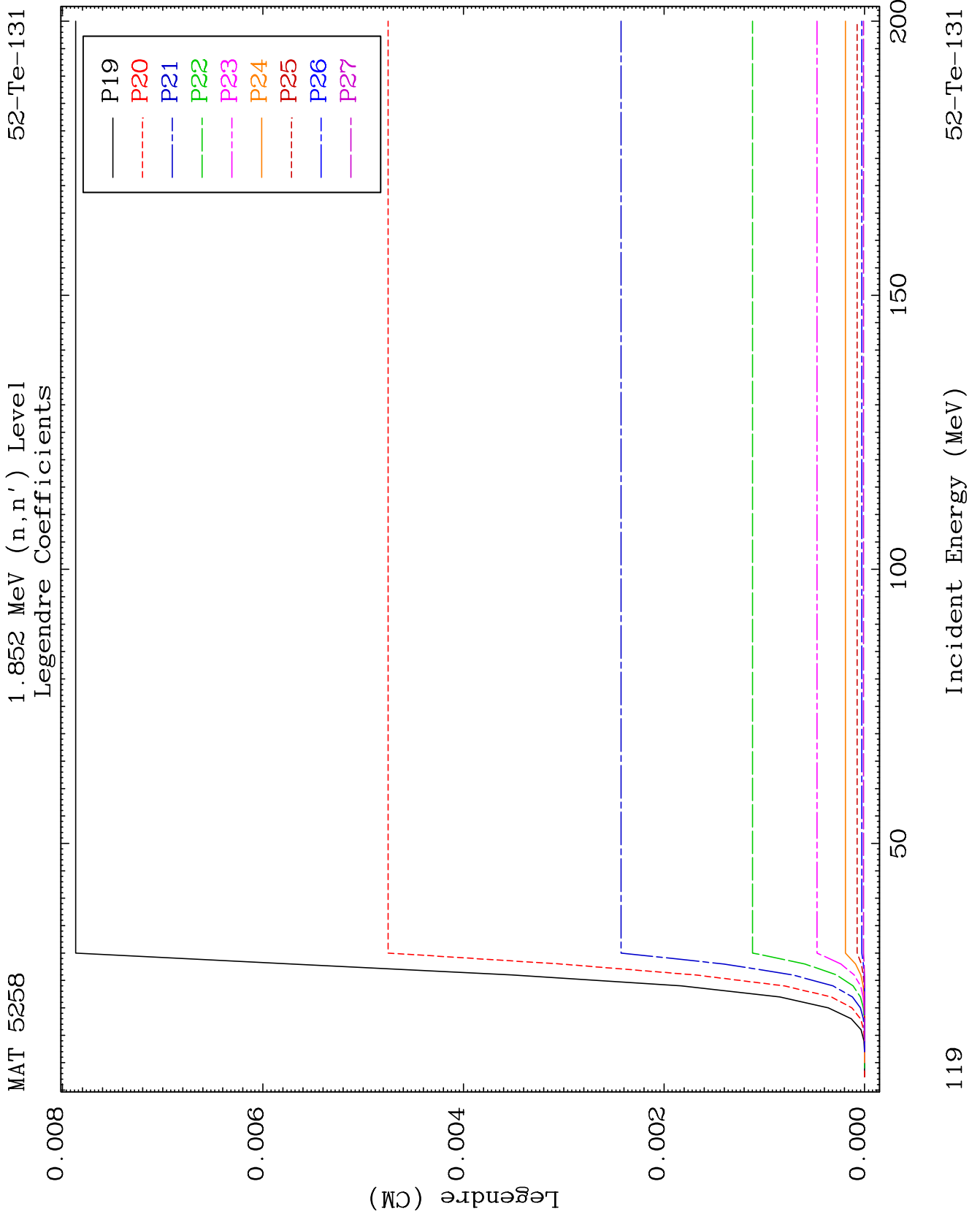
114

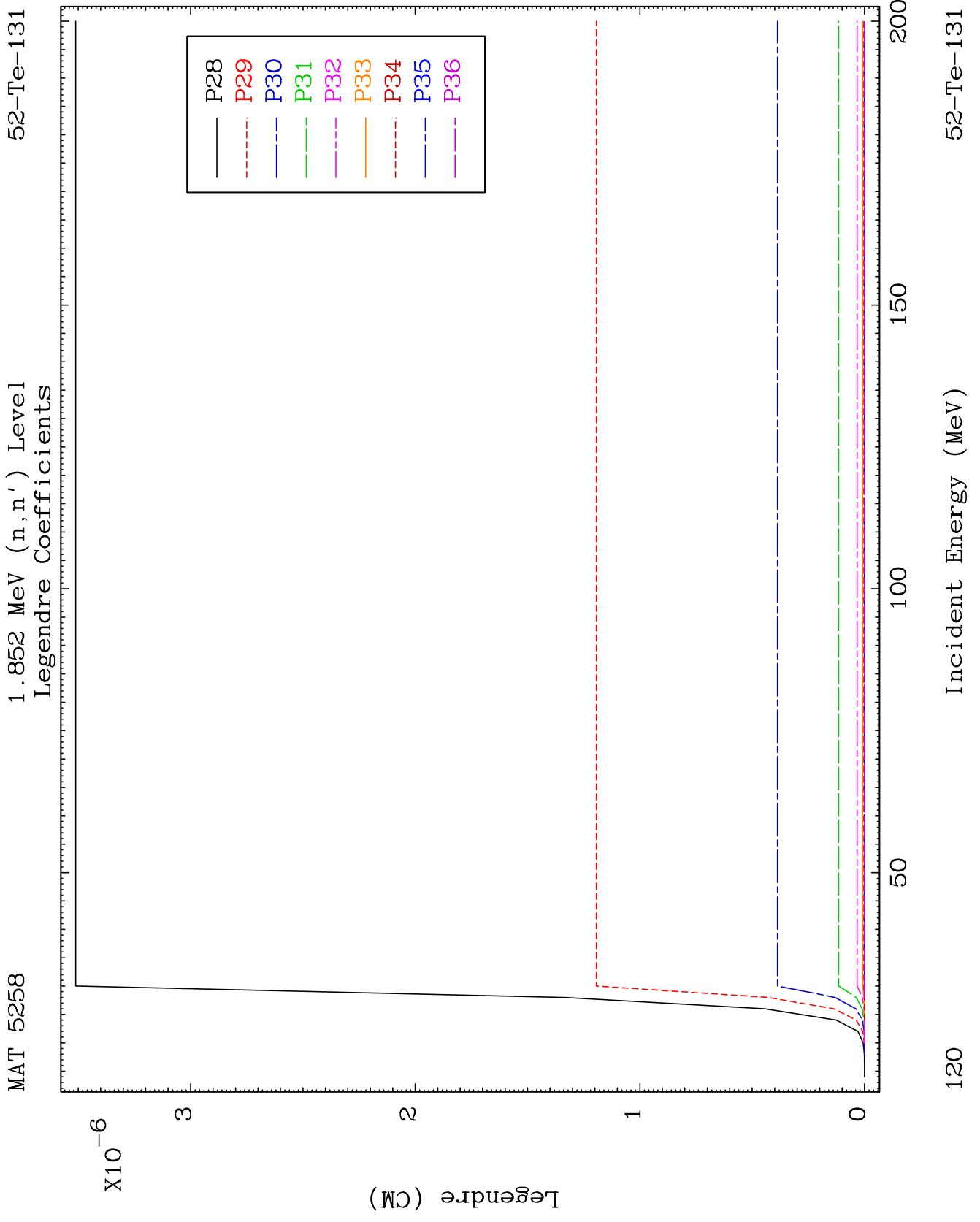
Incident Energy (MeV)

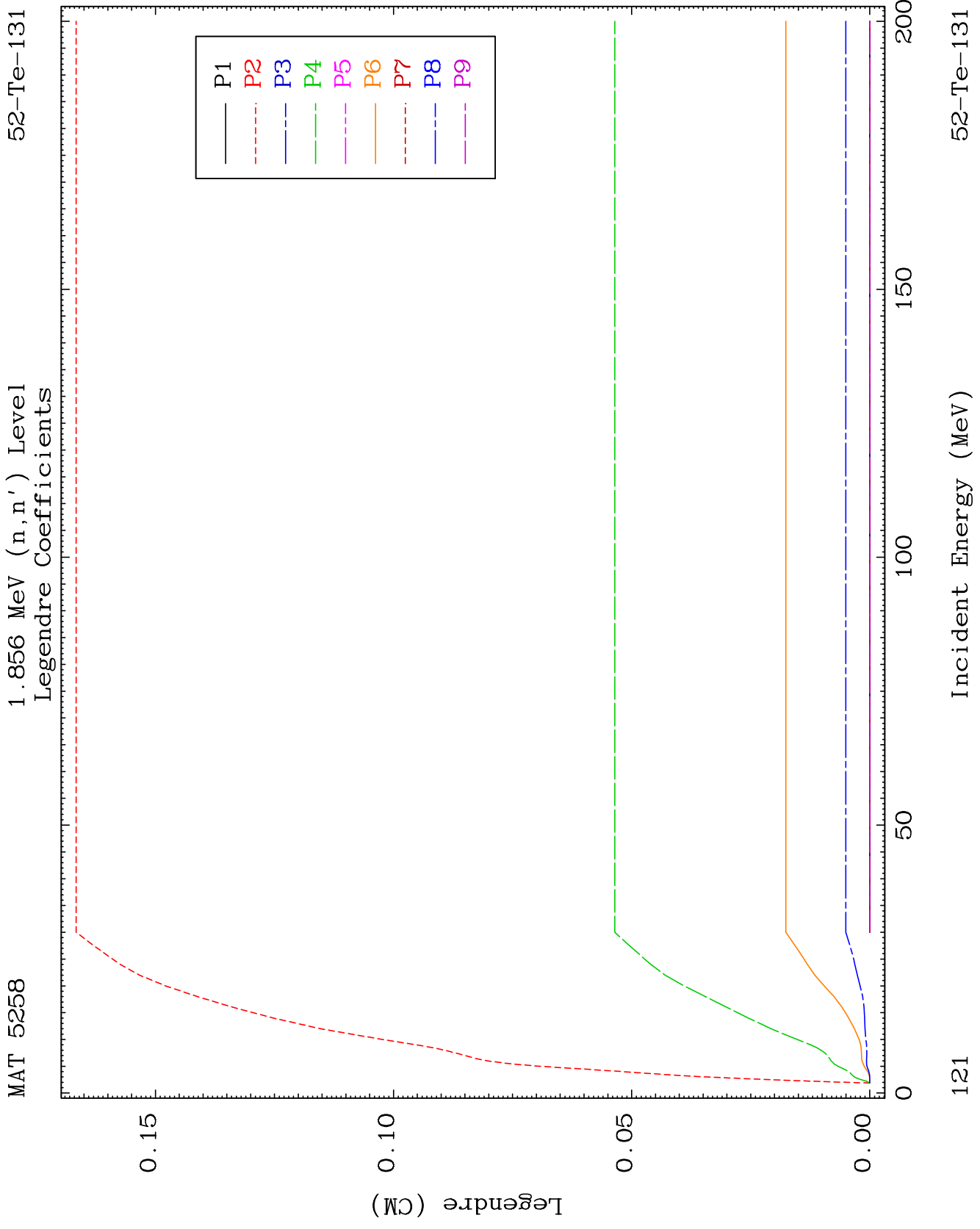
52-Te-131







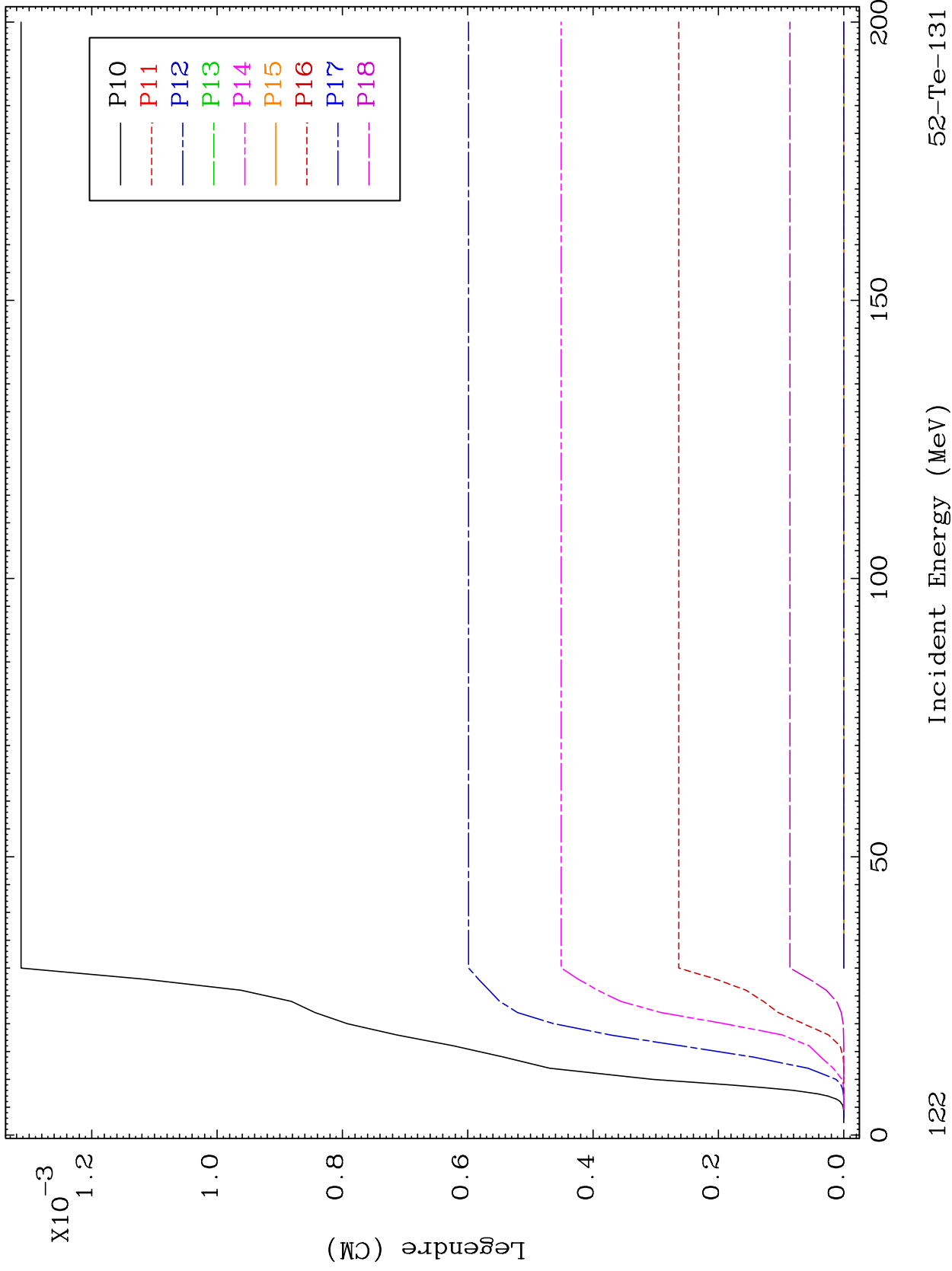




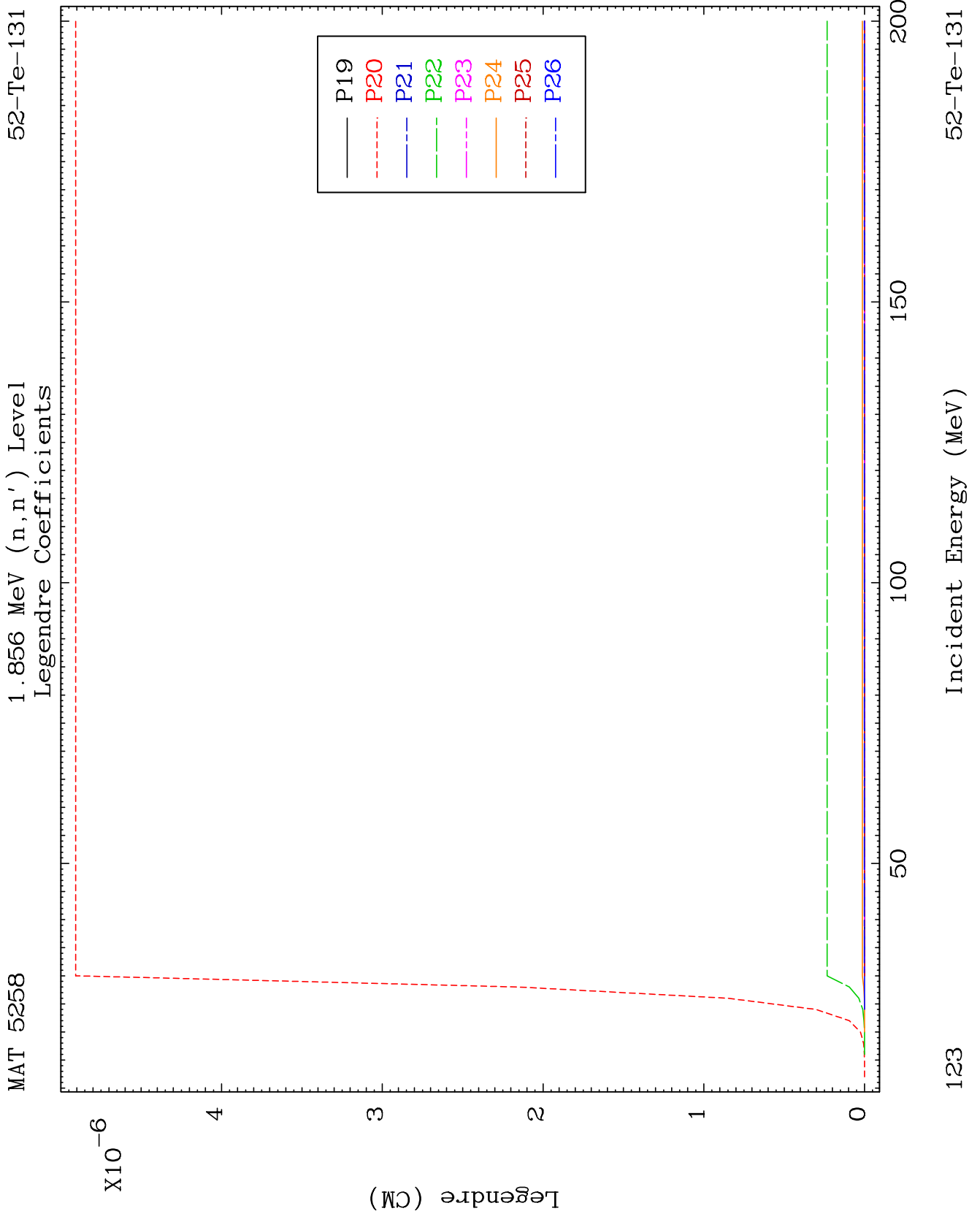
MAT 5258

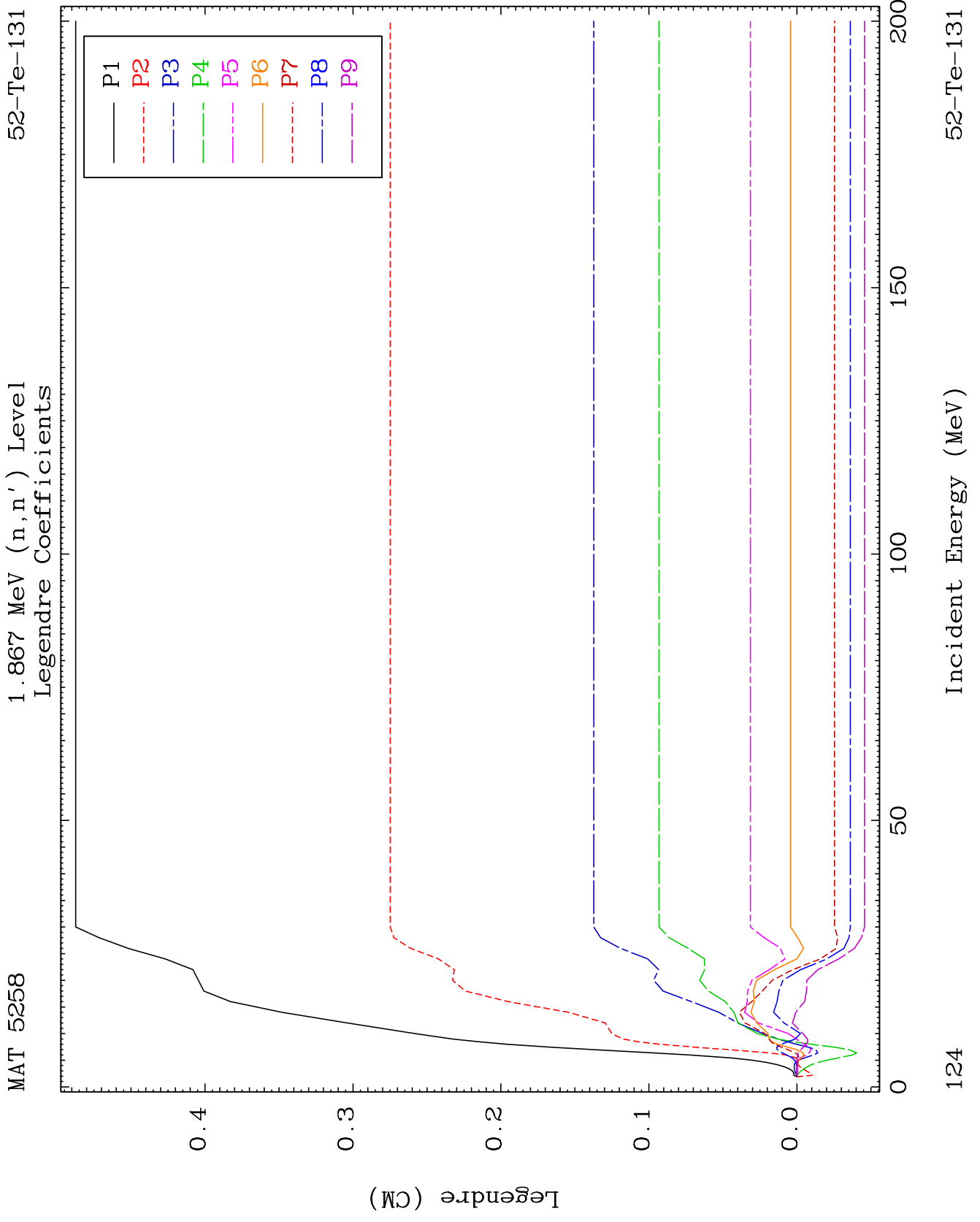
1.856 MeV (n,n') Level
Legendre Coefficients

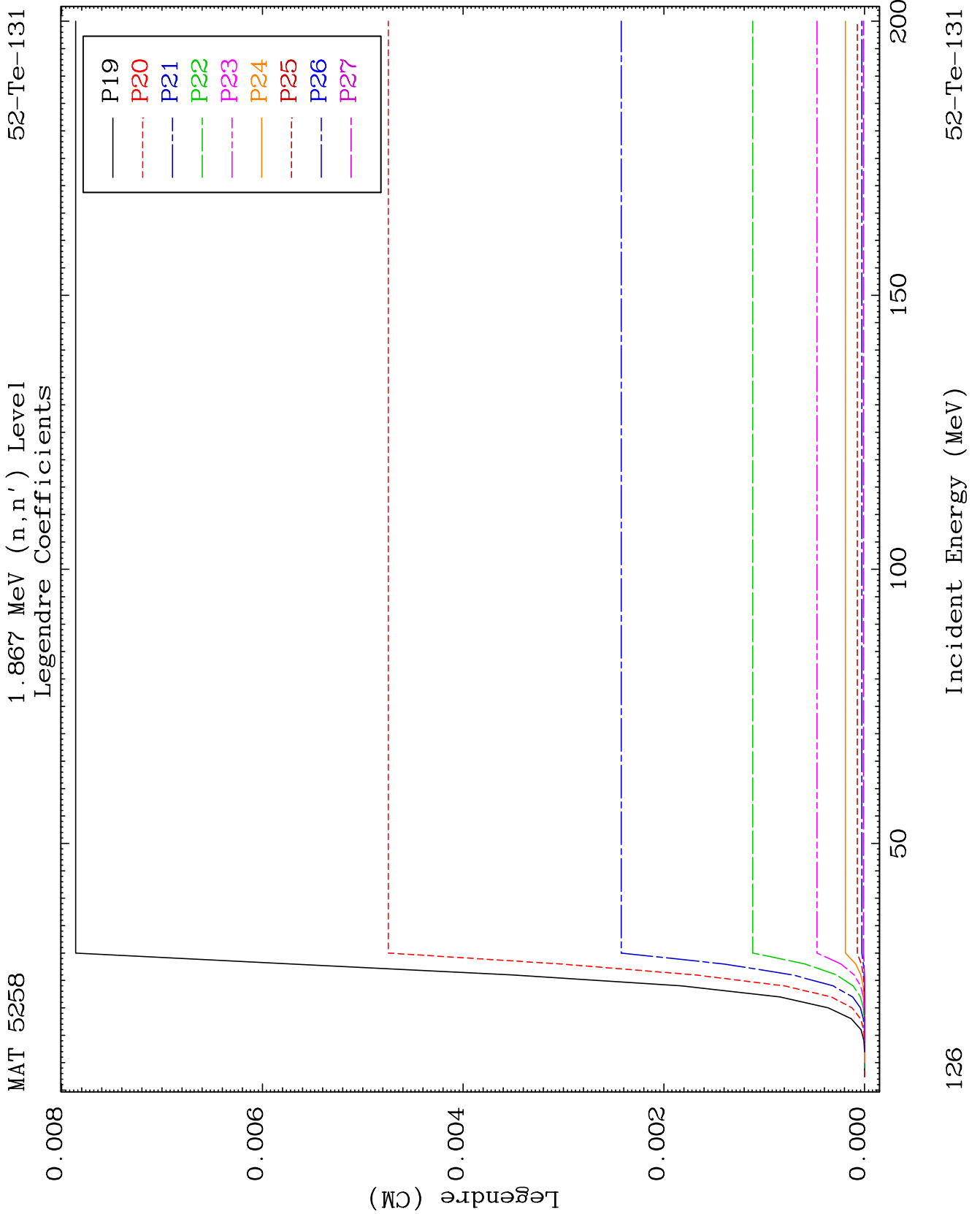
52-Te-131

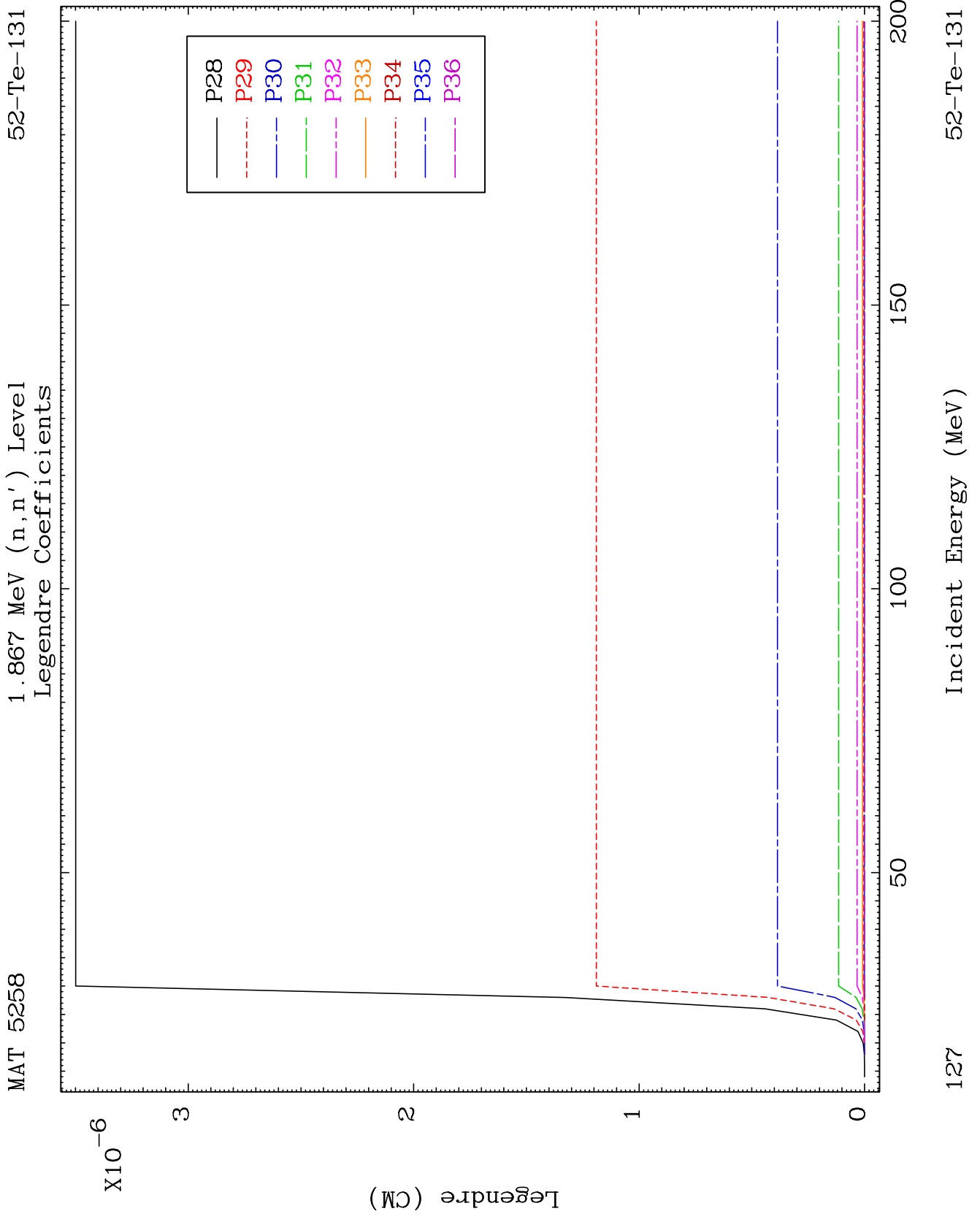


122





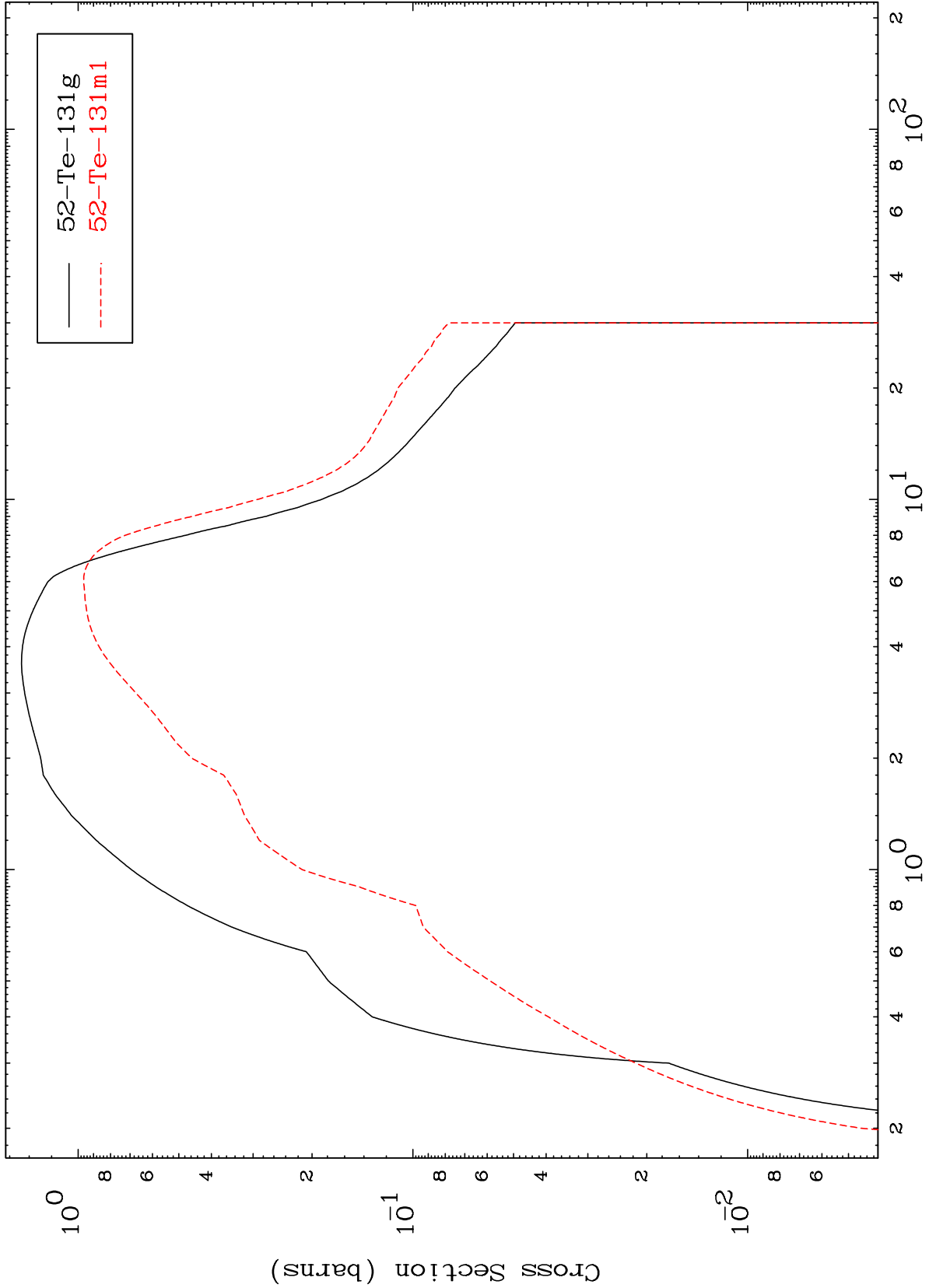




MAT 5258

52-Te-131

Inelastic
Radionuclide Production Cross Section

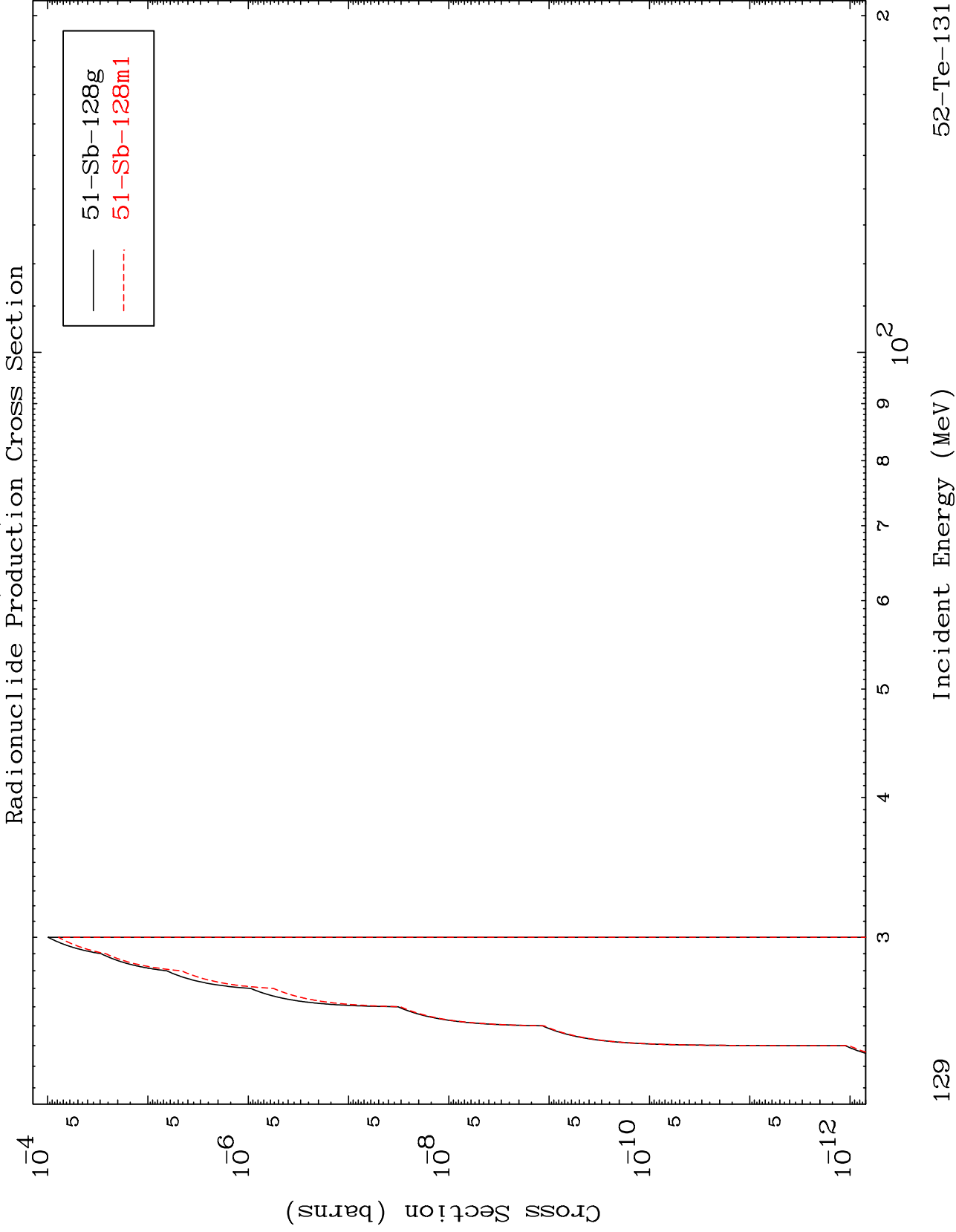


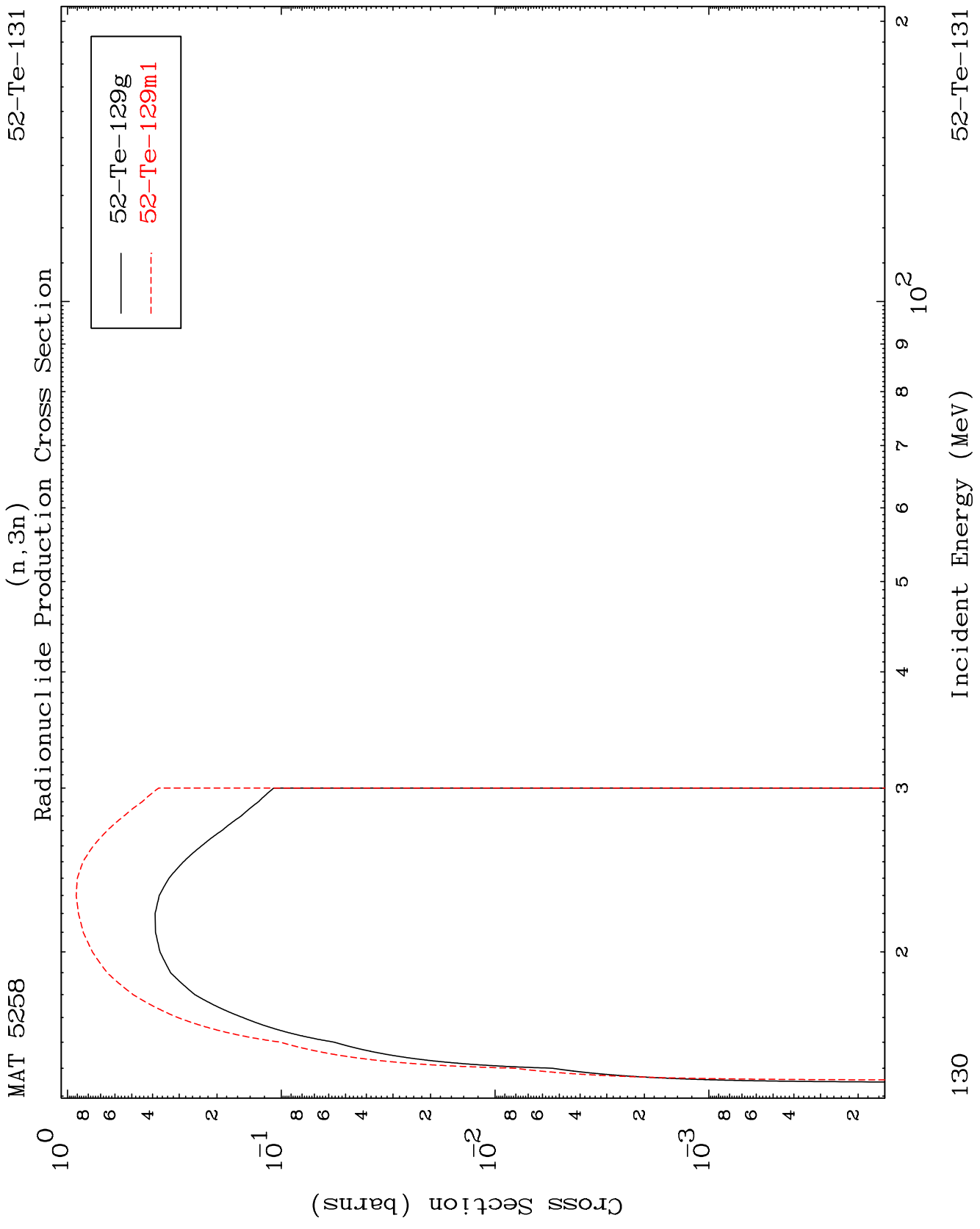
52-Te-131g
52-Te-131m1

128

52-Te-131

Incident Energy (MeV)



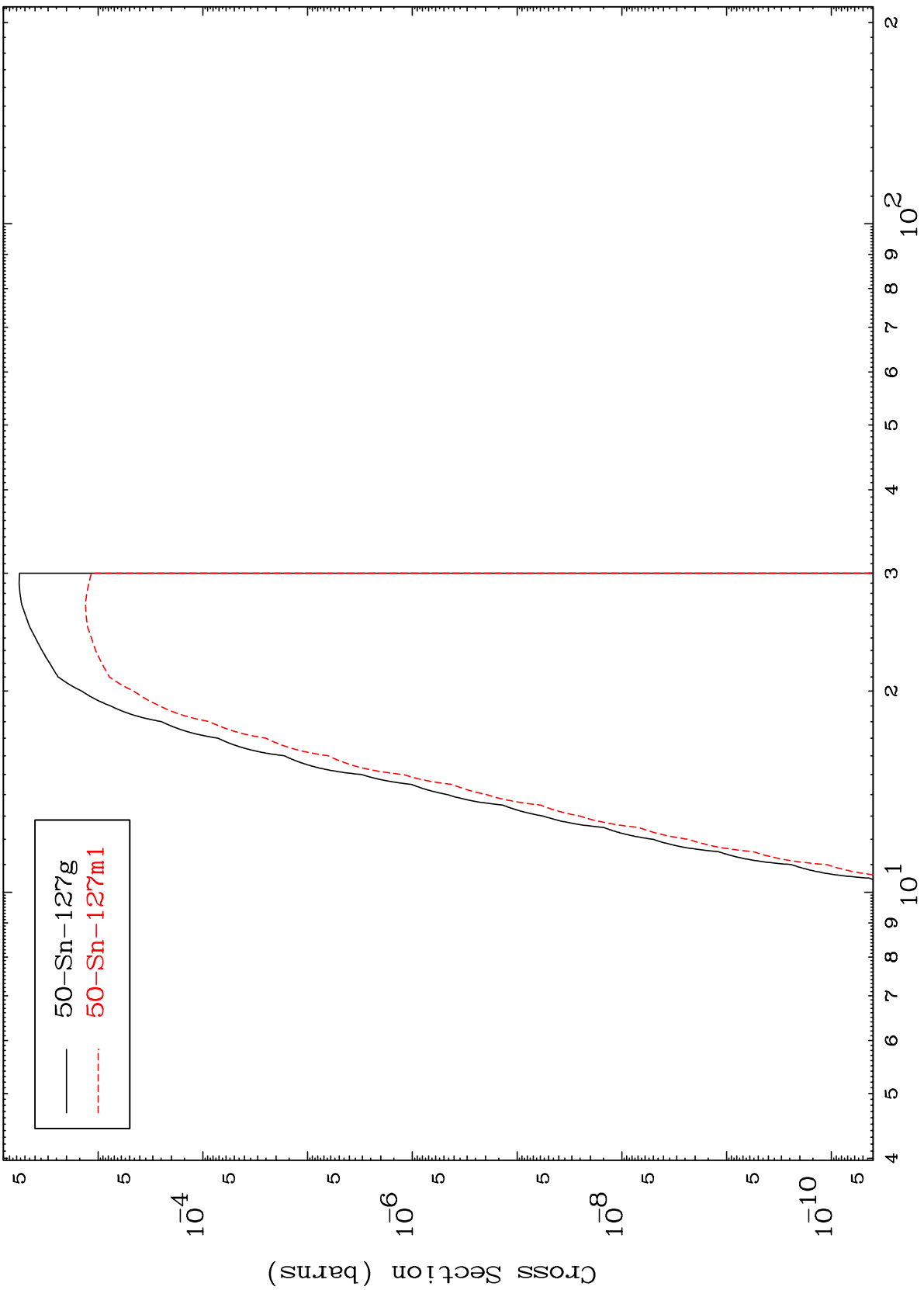


MAT 5258

(n,n') α

52-Te-131

Radionuclide Production Cross Section



50-Sn-127g
50-Sn-127m1

131

Incident Energy (MeV)

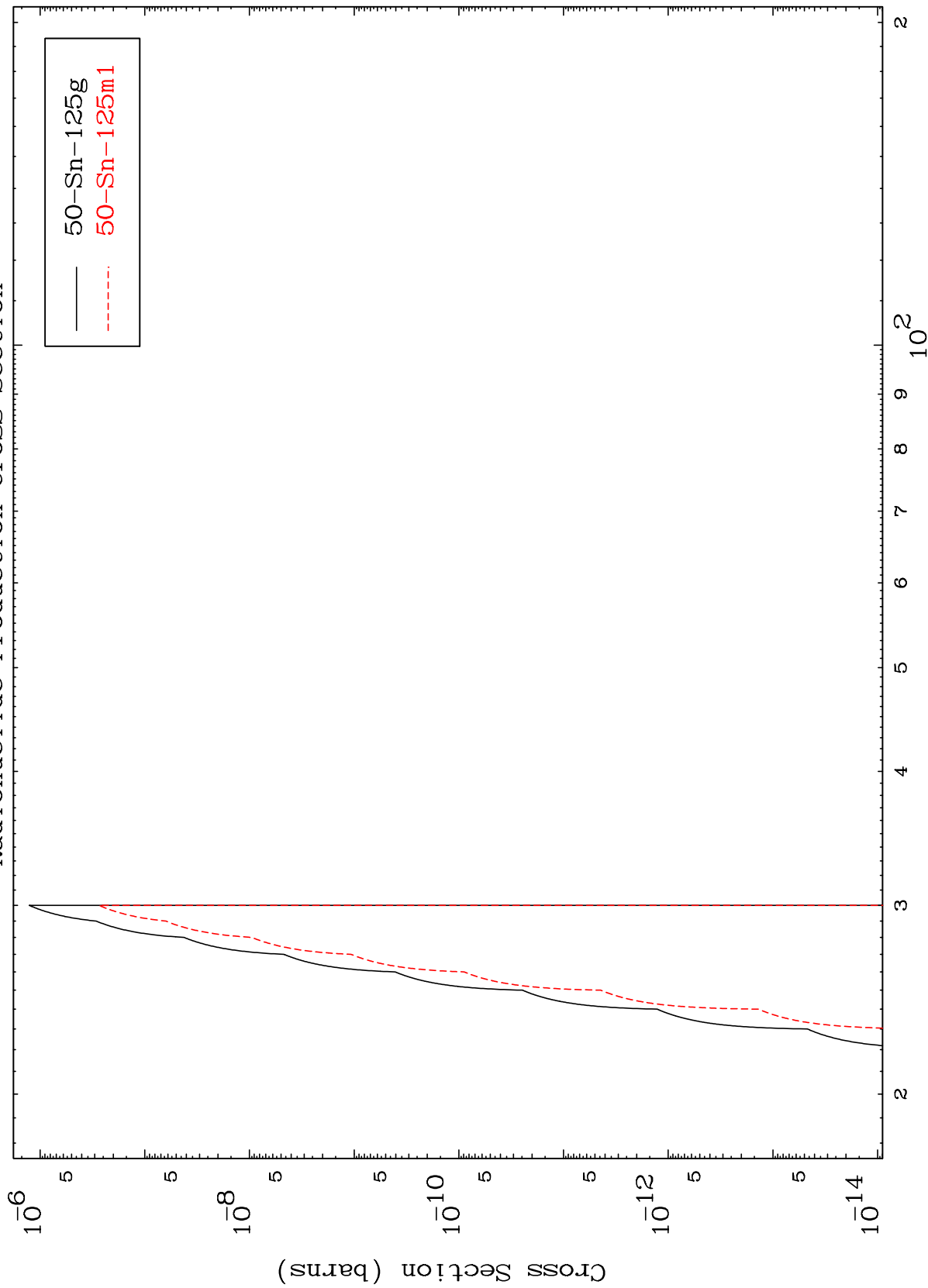
52-Te-131

MAT 5258

(n,3n) α

52-Te-131

Radionuclide Production Cross Section



132

Incident Energy (MeV)

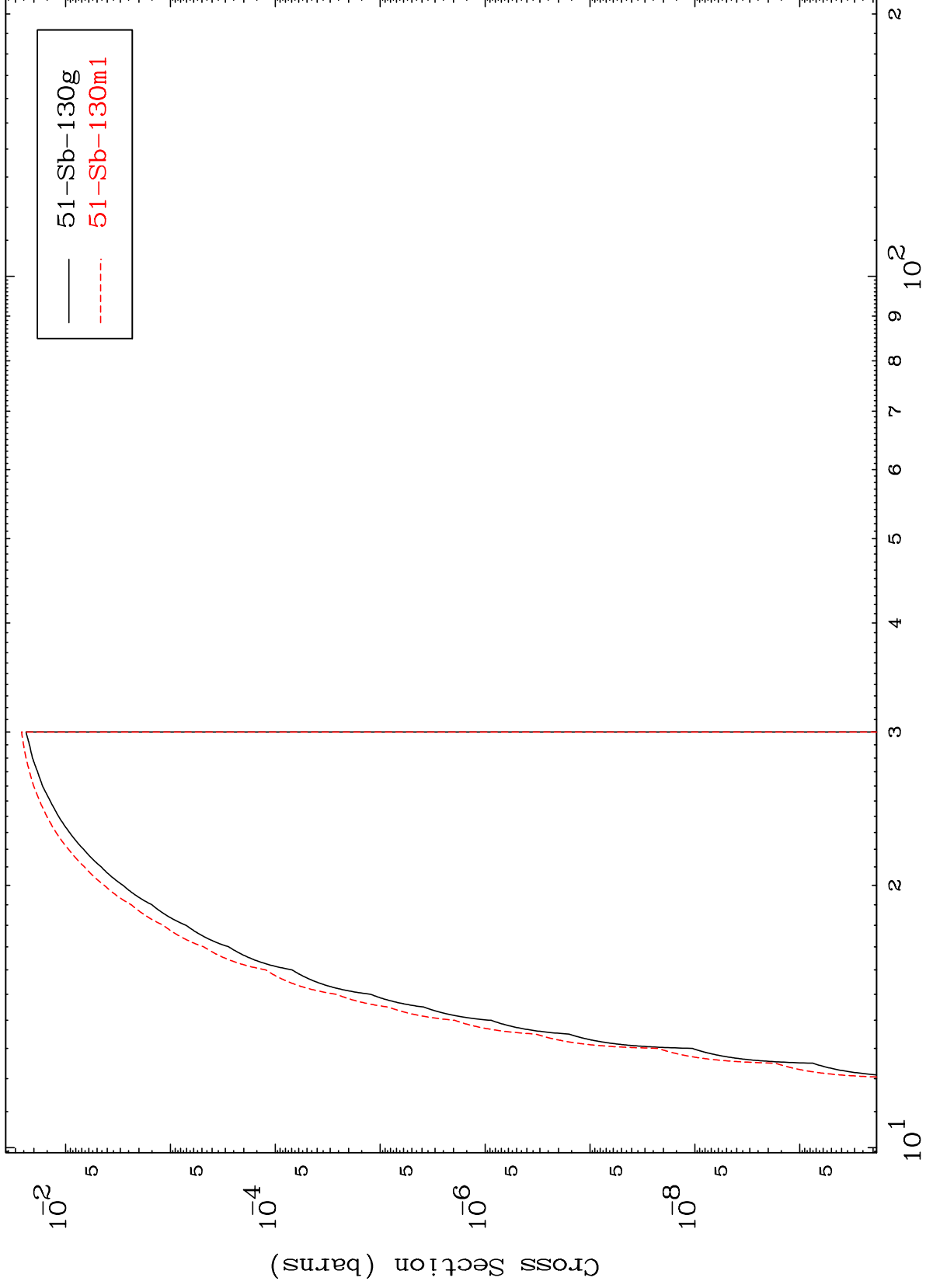
52-Te-131

MAT 5258

(n,n') p

52-Te-131

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-131

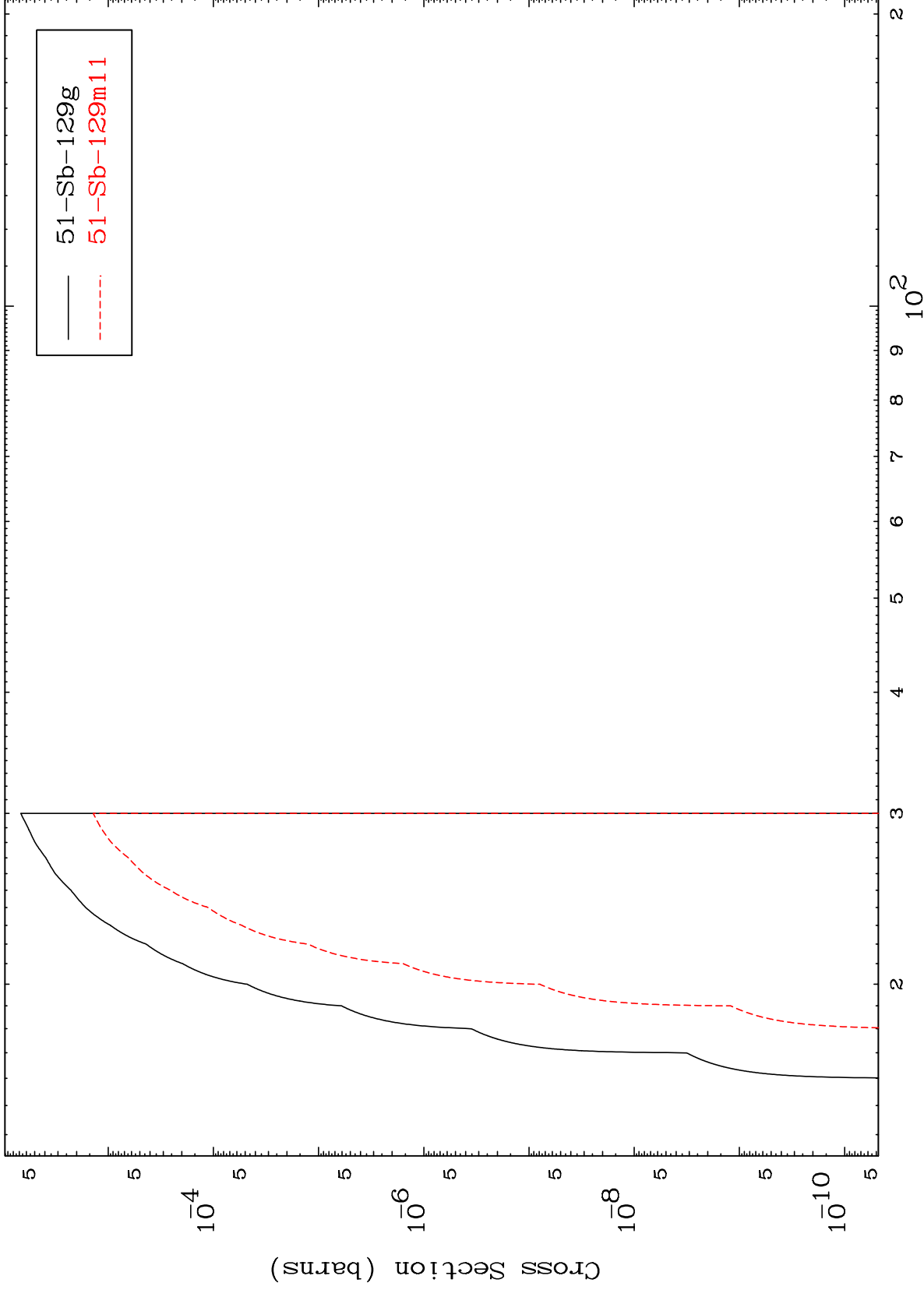
133

MAT 5258

(n,n') d

52-Te-131

Radionuclide Production Cross Section



134

Incident Energy (MeV)

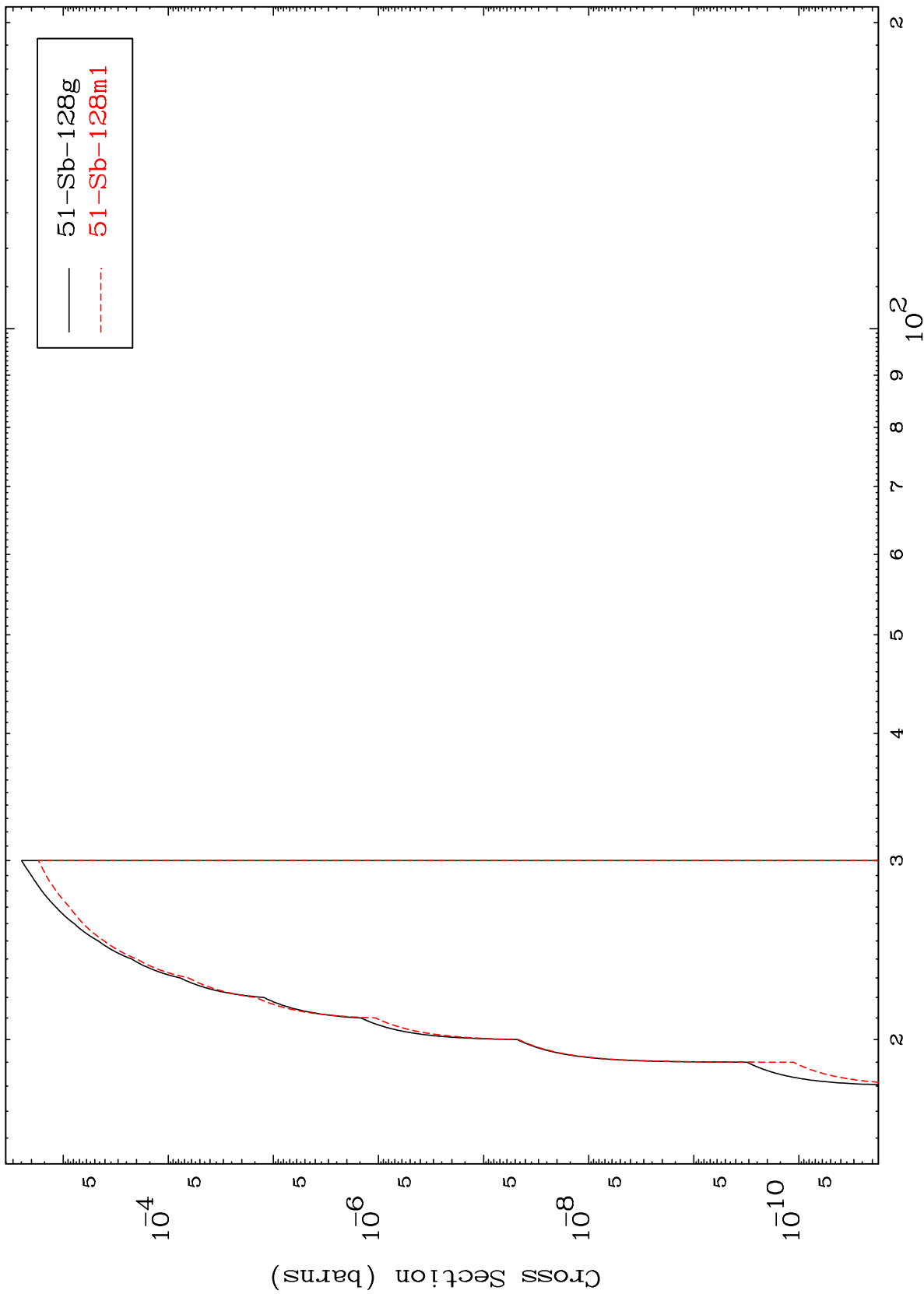
52-Te-131

MAT 5258

(n,n') t

52-Te-131

Radionuclide Production Cross Section



135

Incident Energy (MeV)

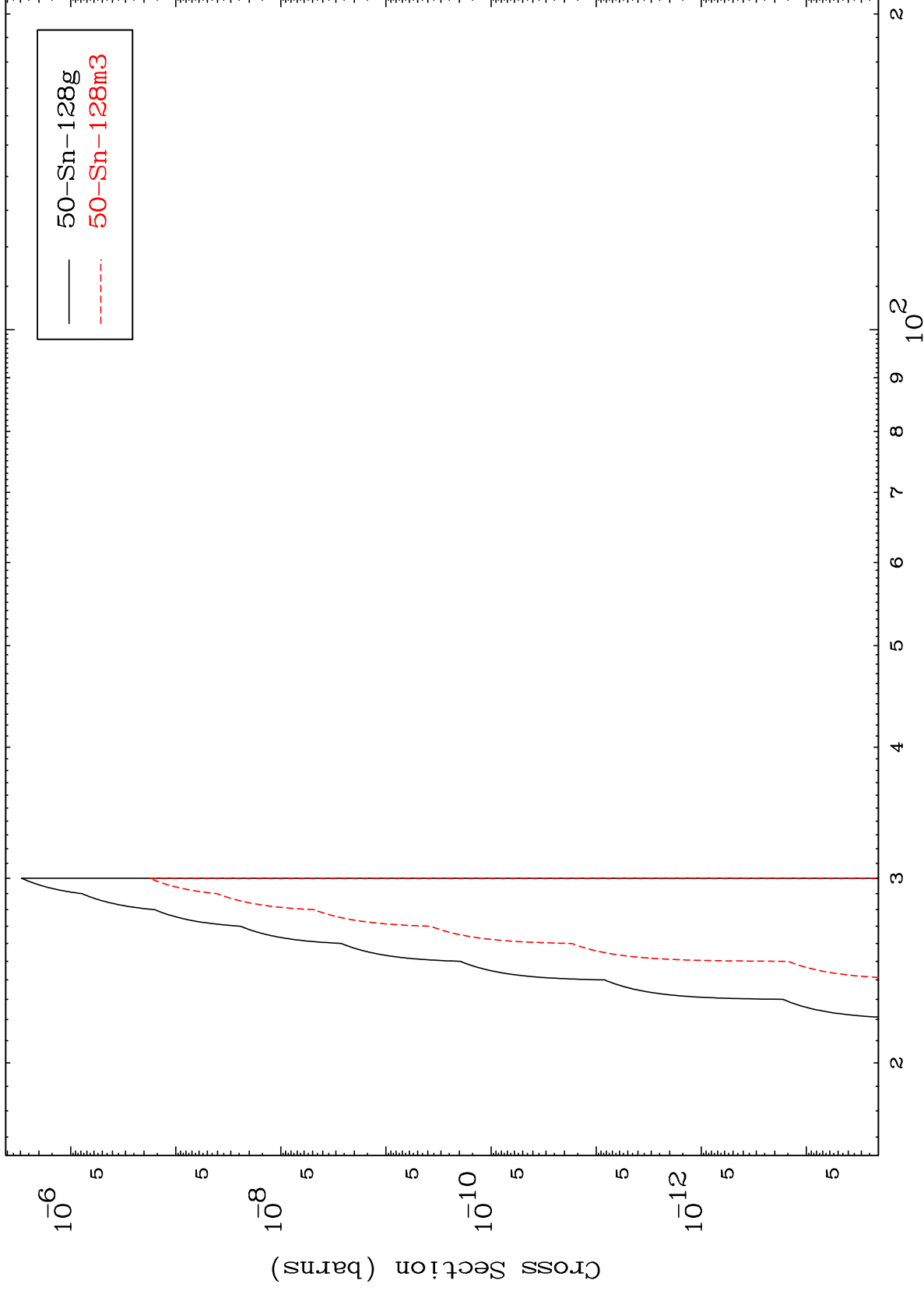
52-Te-131

MAT 5258

(n,n') He-3

52-Te-131

Radionuclide Production Cross Section



136

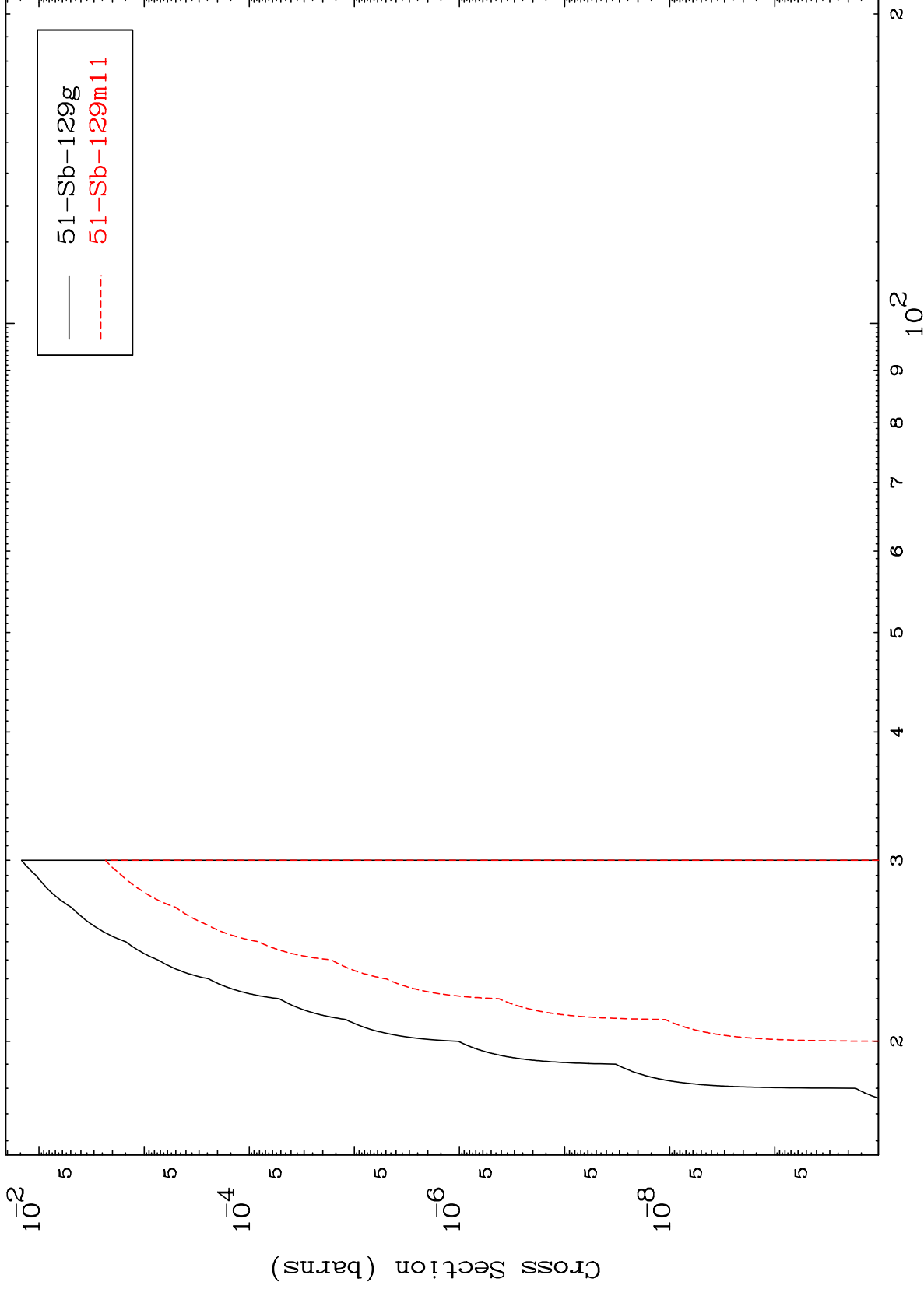
Incident Energy (MeV)

52-Te-131

MAT 5258

52-Te-131

(n,2n) p
Radionuclide Production Cross Section

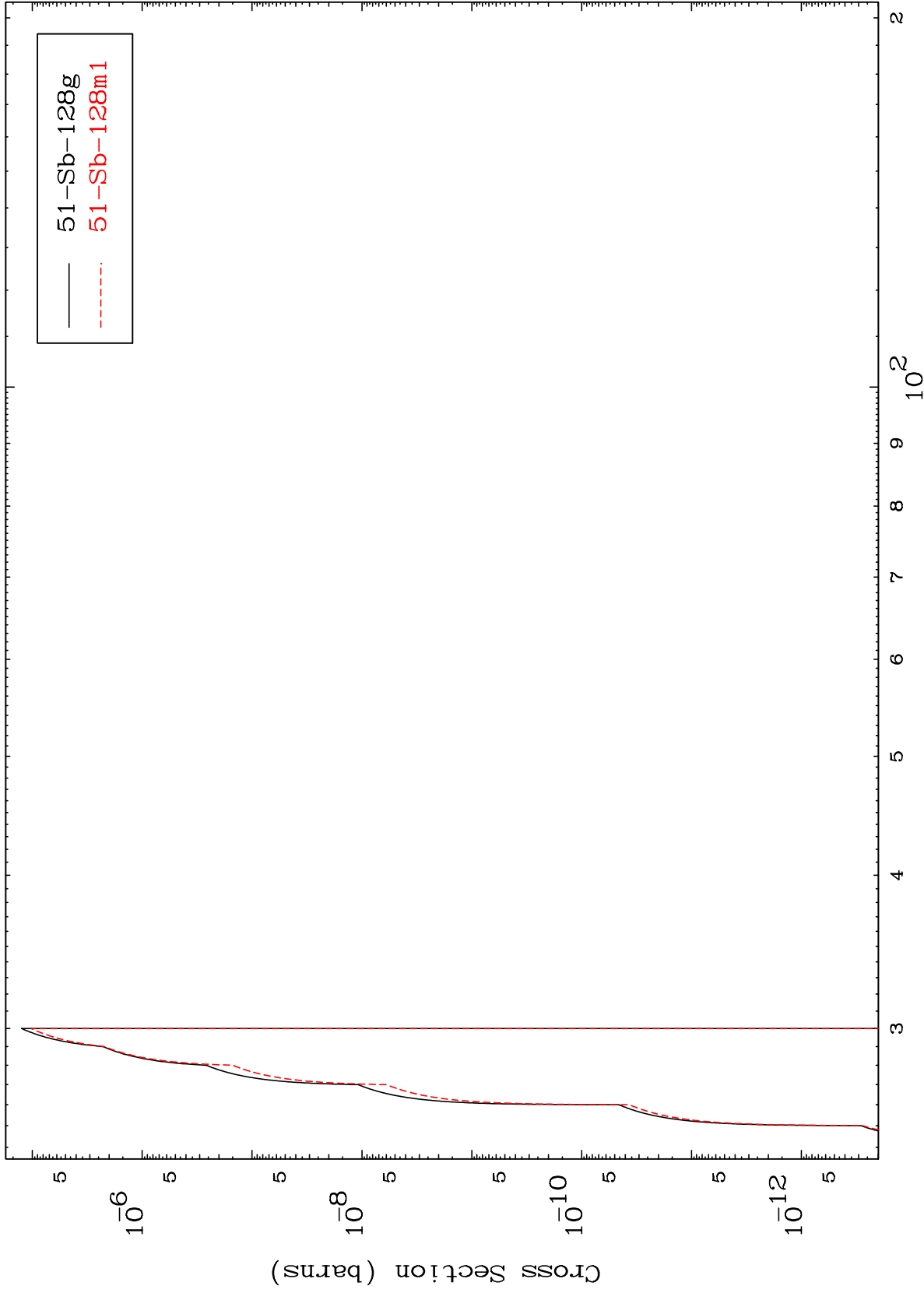


137

Incident Energy (MeV)

52-Te-131

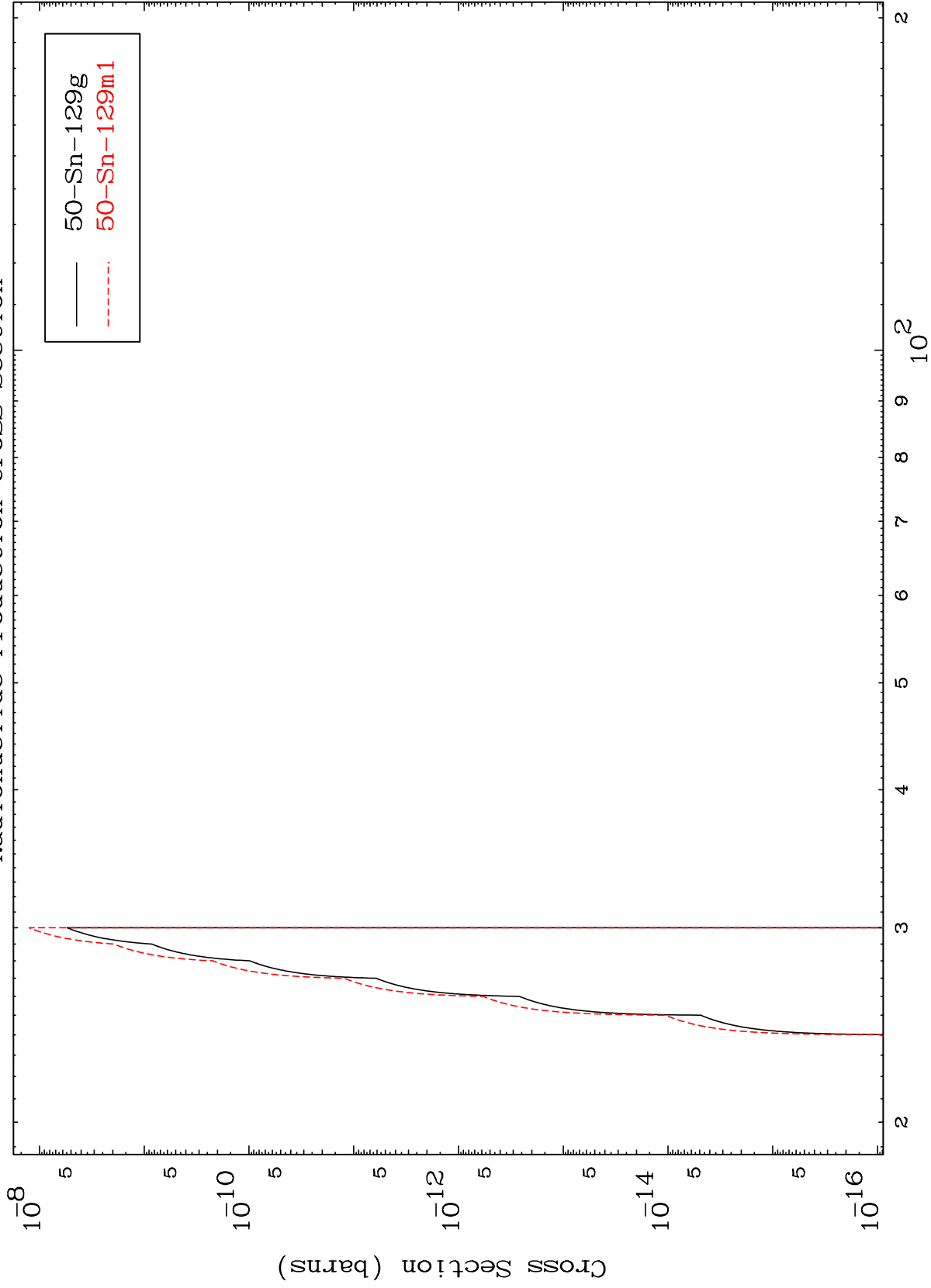
Radionuclide Production Cross Section



MAT 5258

52-Te-131

(n,2n) p
Radionuclide Production Cross Section



139

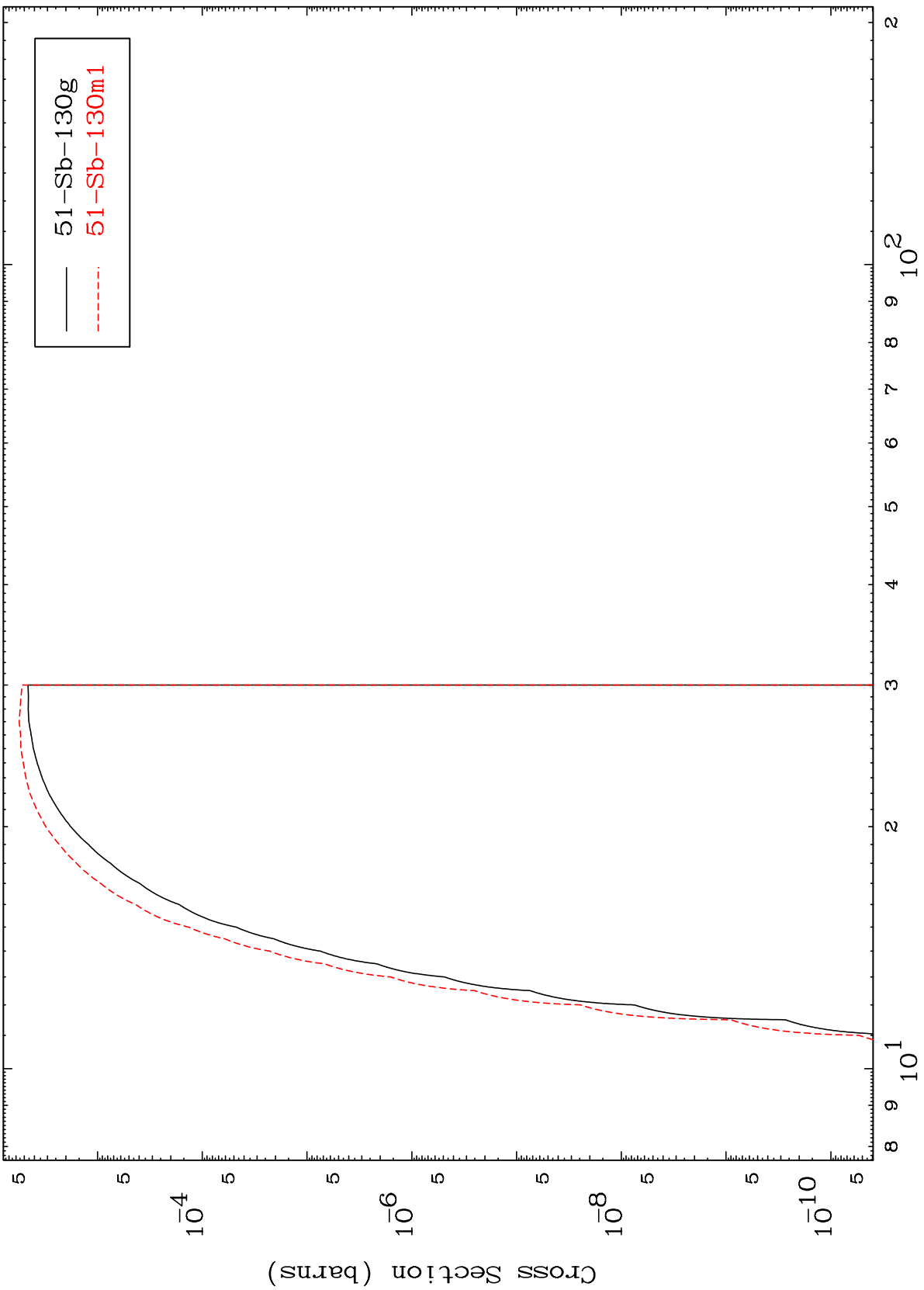
Incident Energy (MeV)

52-Te-131

MAT 5258

52-Te-131

(n,d)
Radionuclide Production Cross Section



52-Te-131

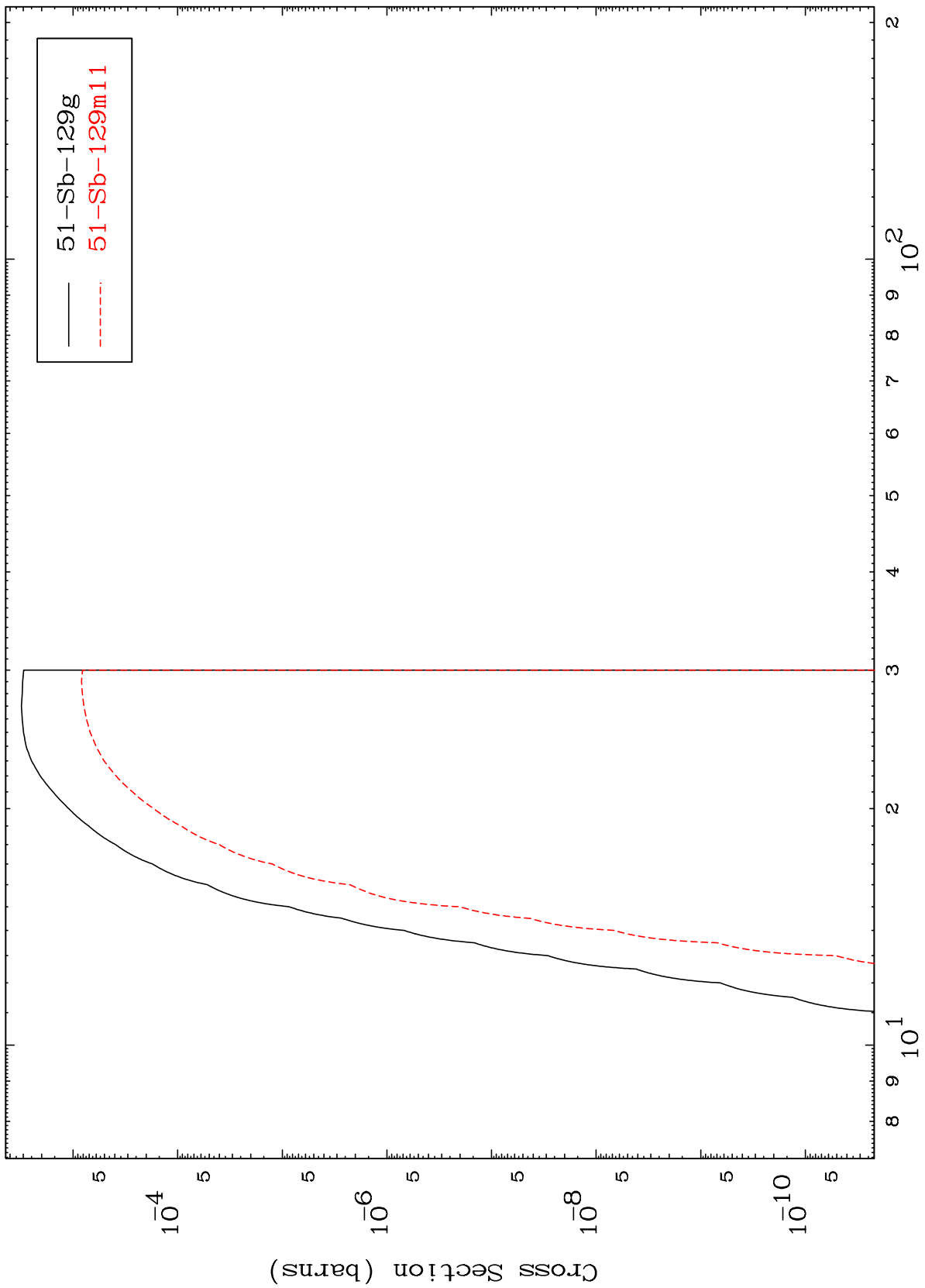
Incident Energy (MeV)

140

MAT 5258

52-Te-131

(n, t)
Radionuclide Production Cross Section

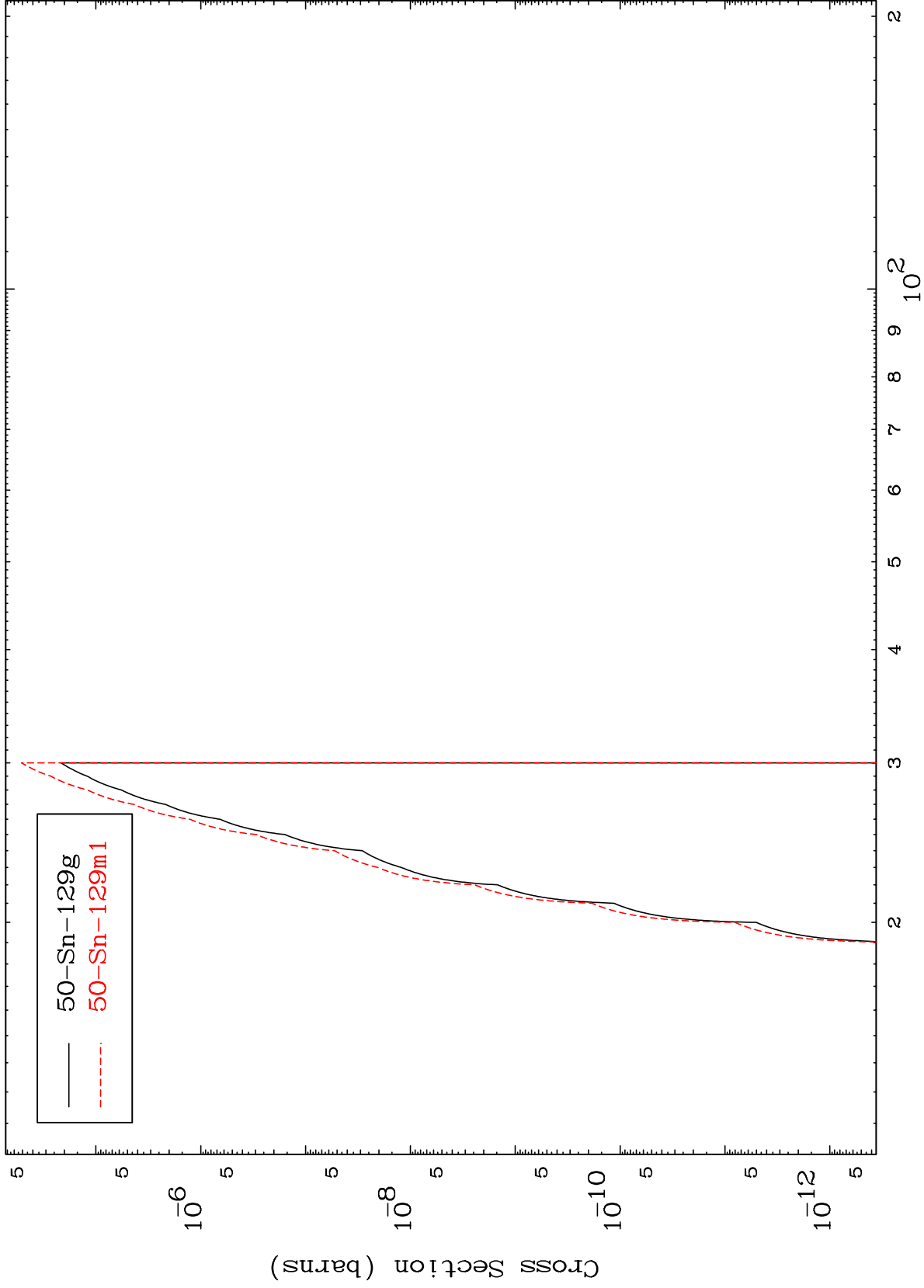


141

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

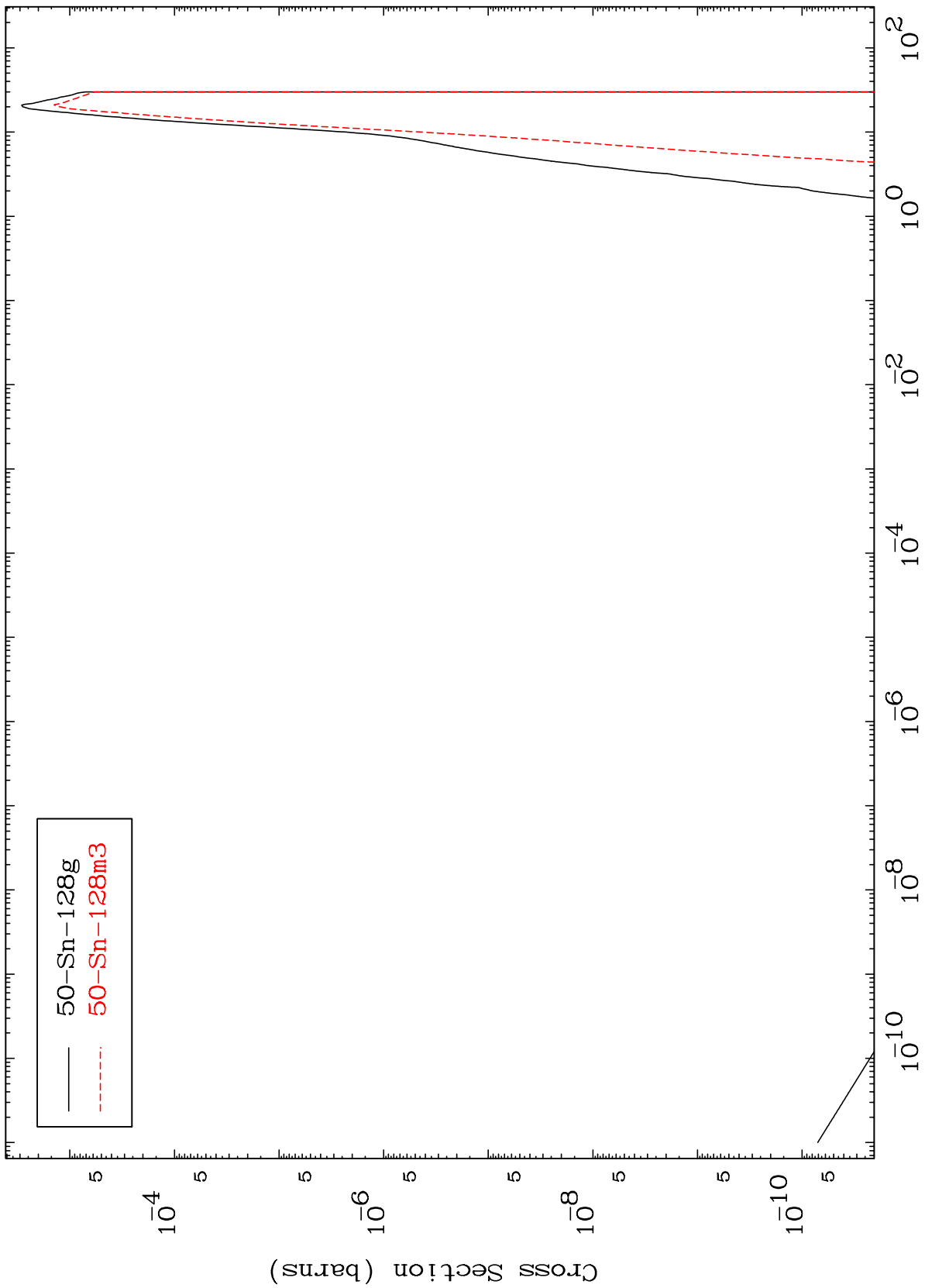


MAT 5258

(n, α)

52-Te-131

Radionuclide Production Cross Section

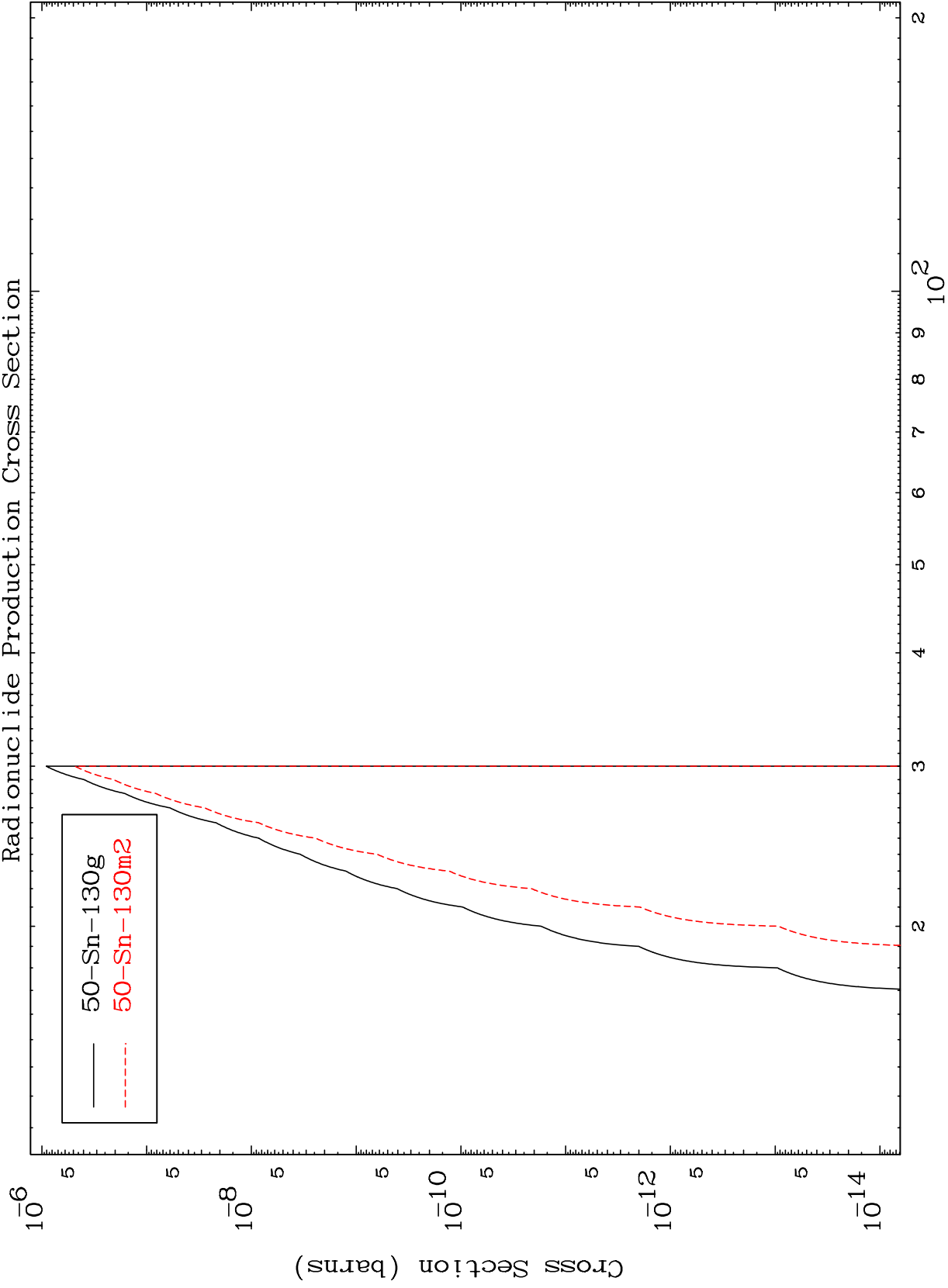


MAT 5258

(n,2p)

52-Te-131

Radionuclide Production Cross Section

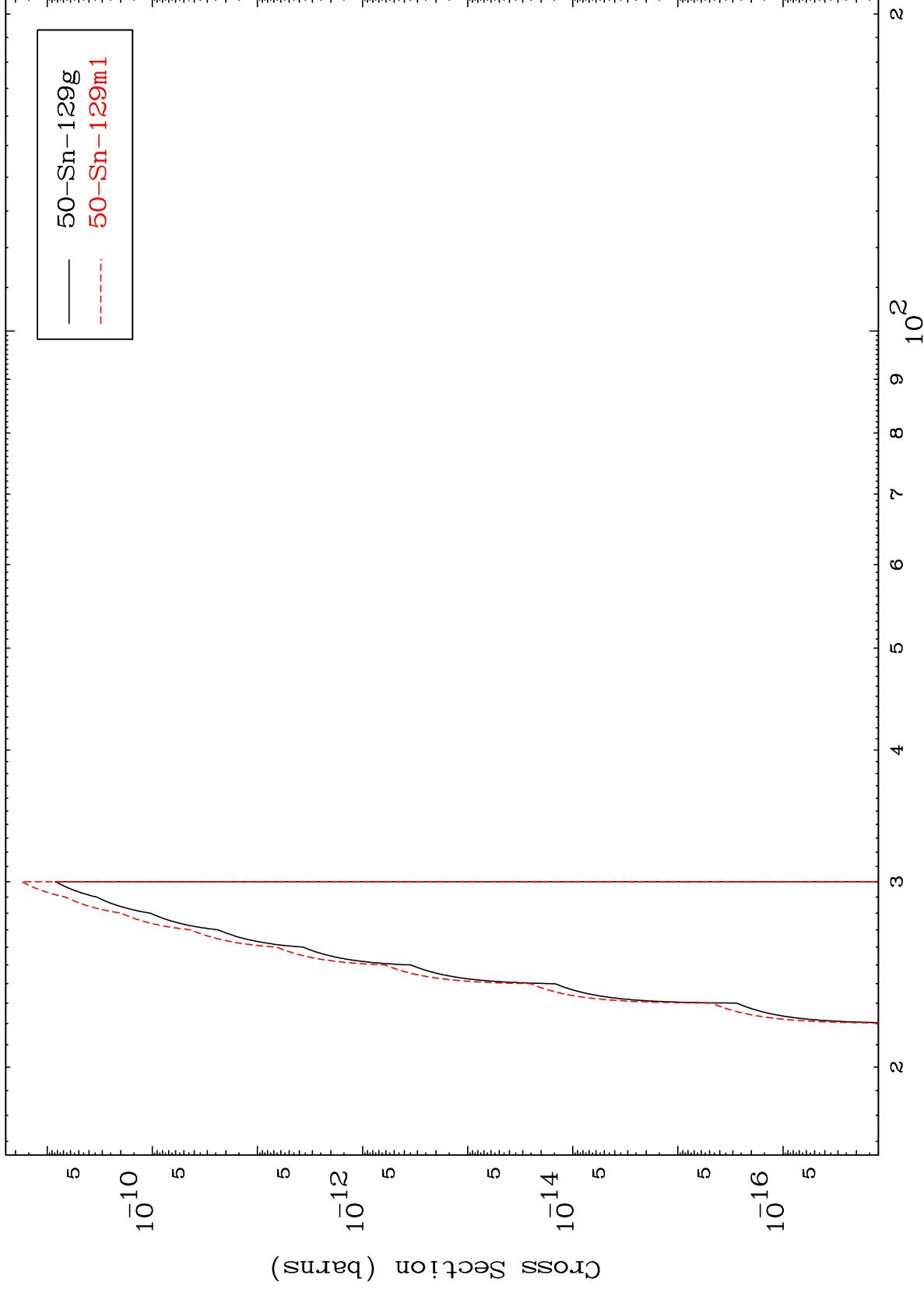


144

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

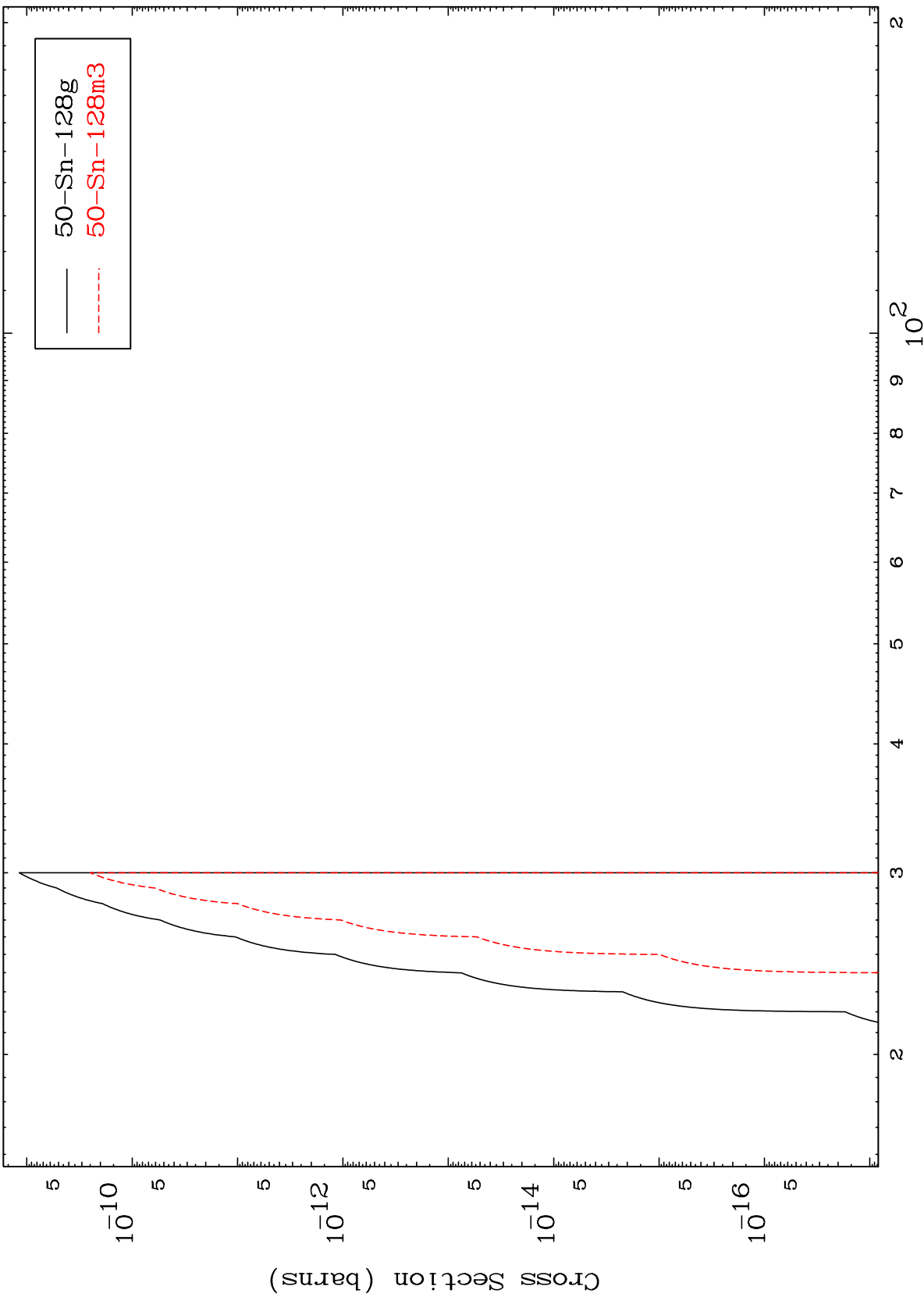


MAT 5258

(n,p) t

52-Te-131

Radionuclide Production Cross Section



146

Incident Energy (MeV)

52-Te-131