

Program EVALPLOT
(Version 2021-1)

by

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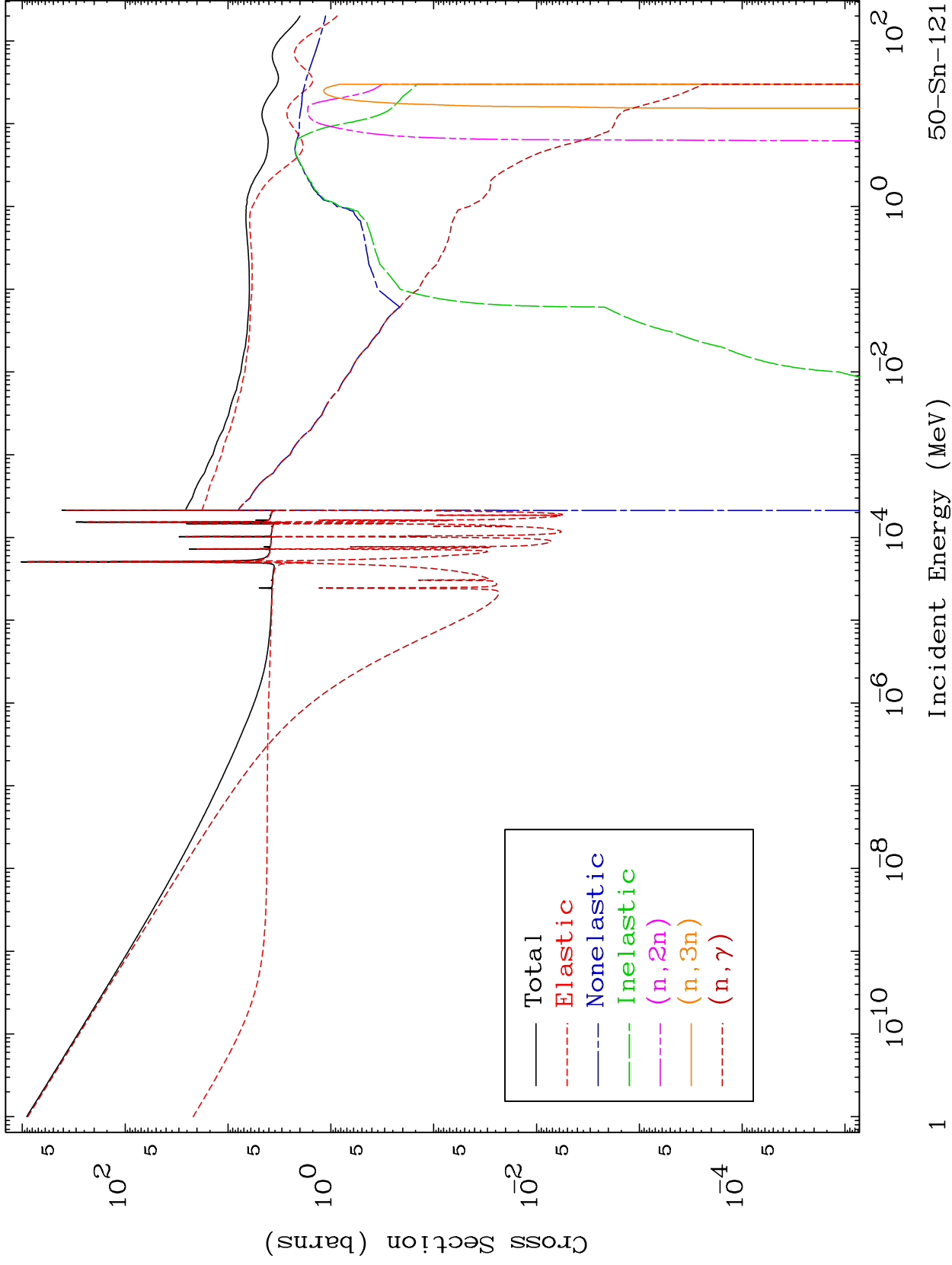
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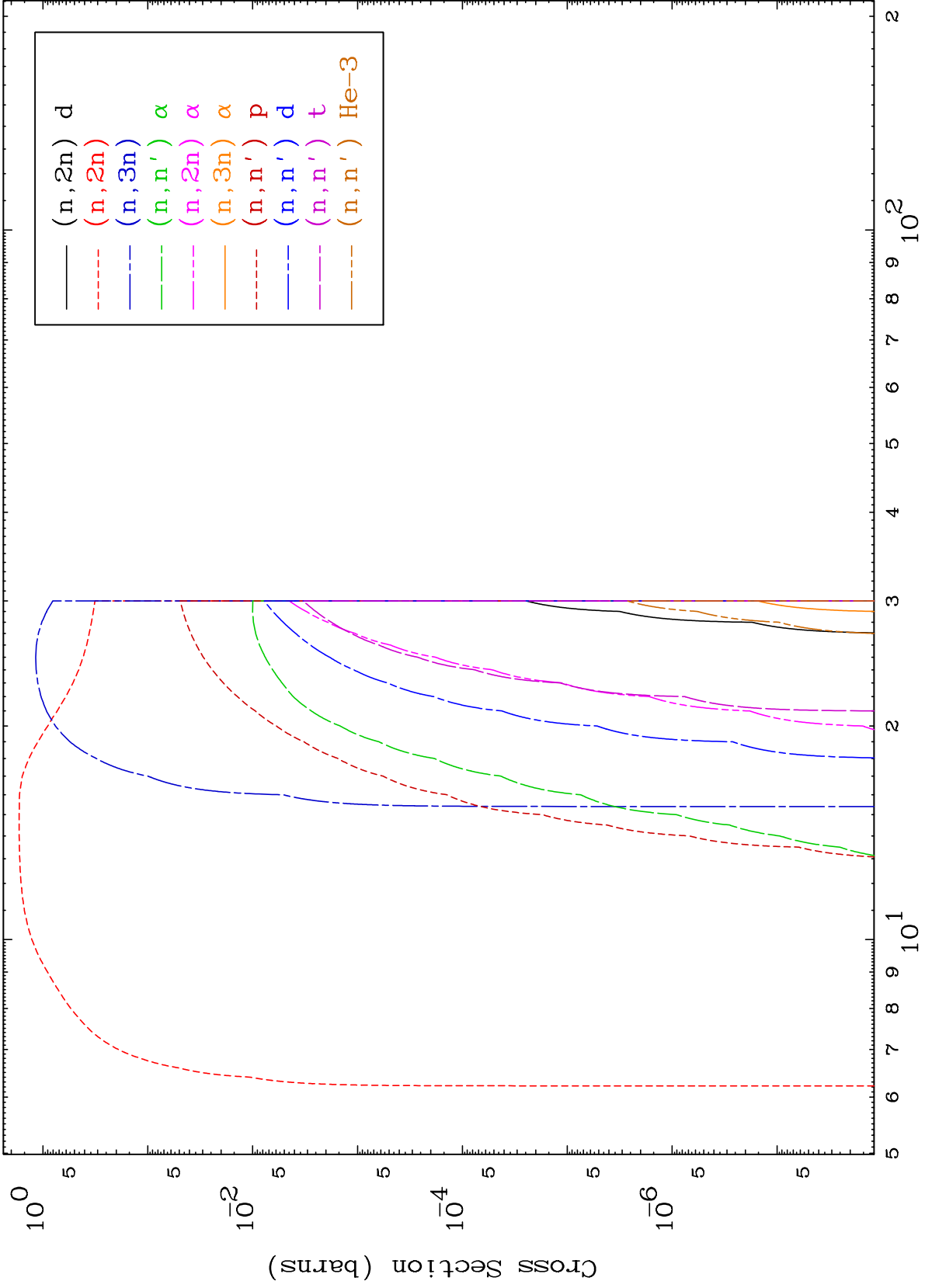
Press Mouse Button to Start

MAT 5052

Neutron Major
293 Kelvin Cross Sections

50-Sn-121

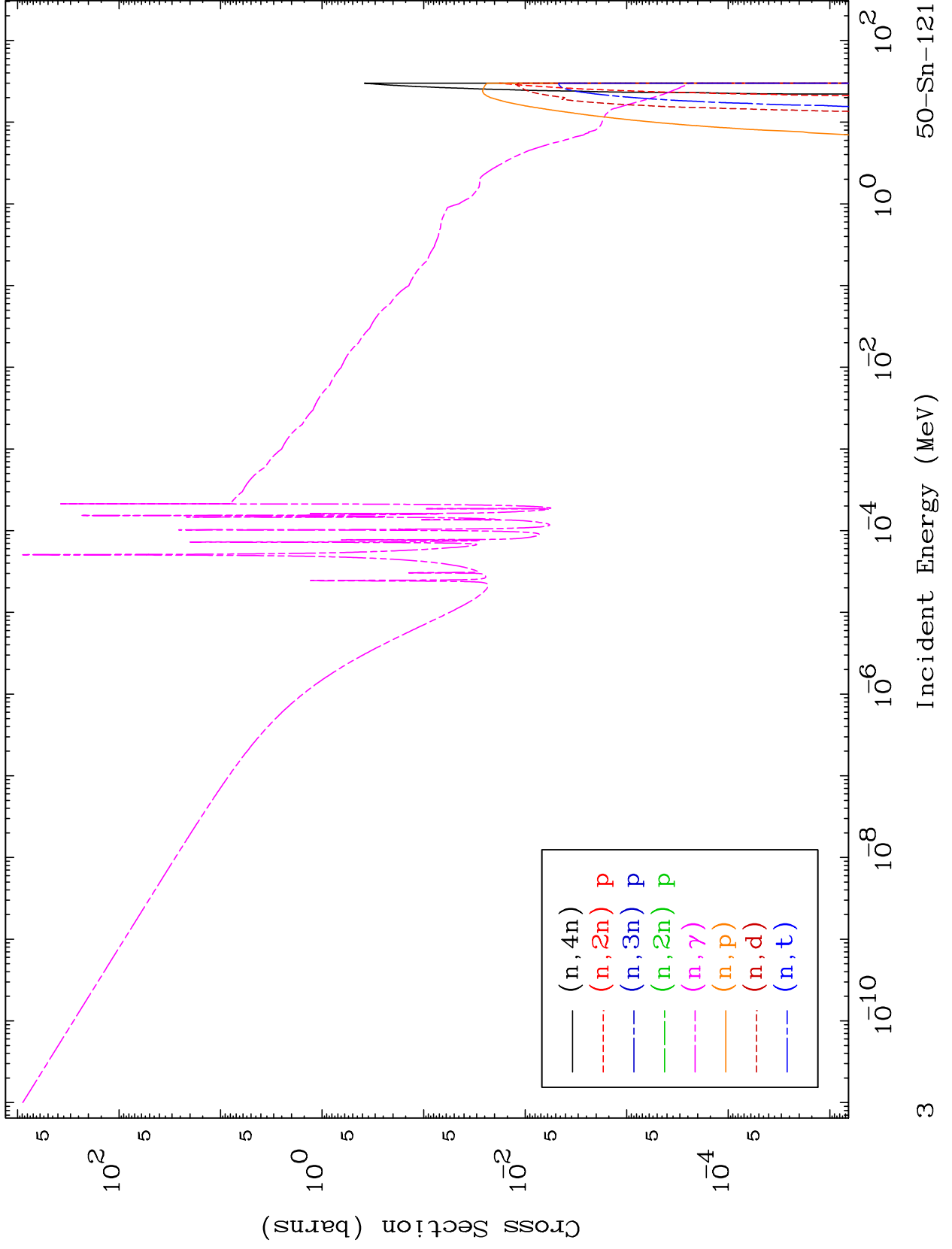


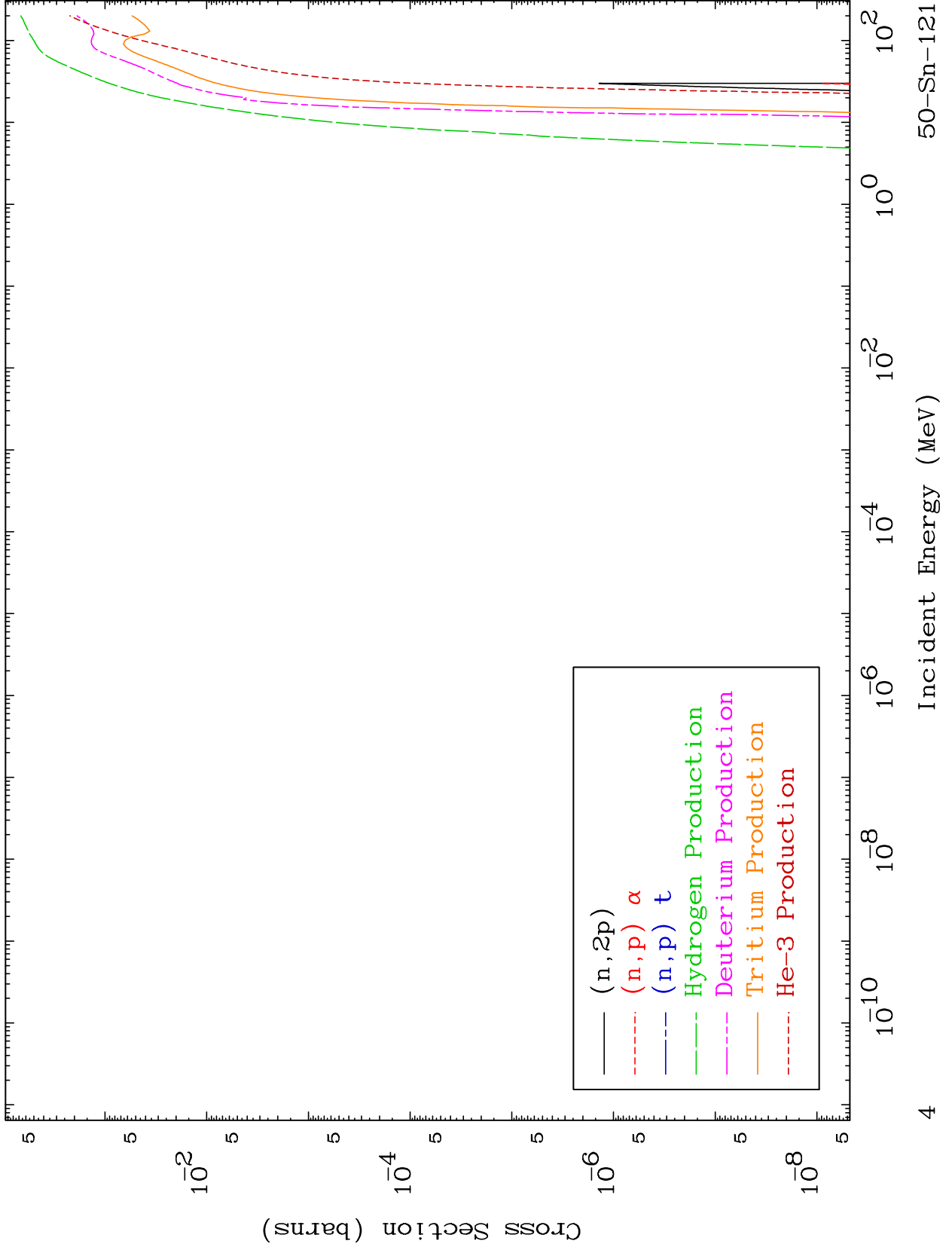


MAT 5052

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-121

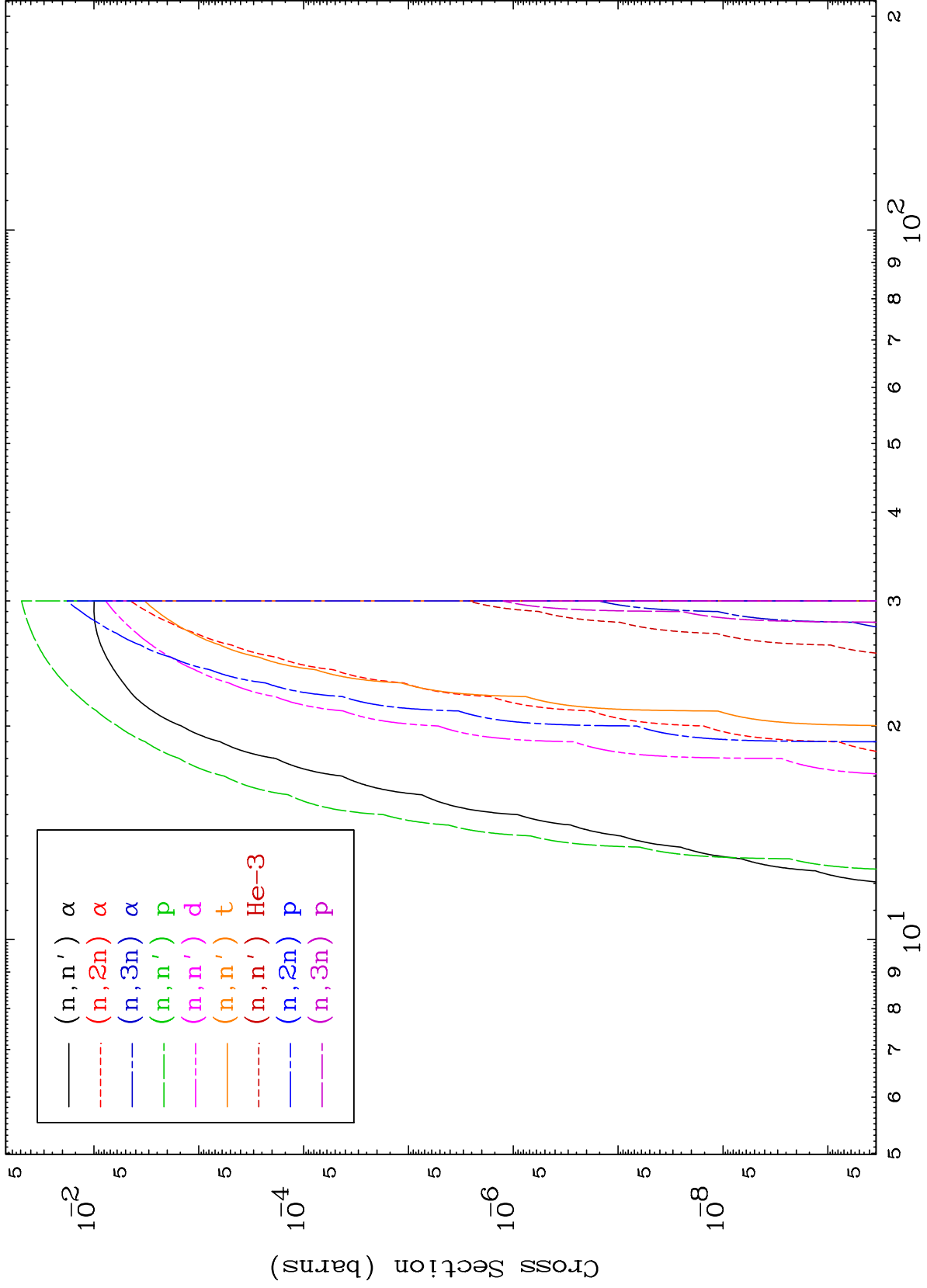




MAT 5052

Charged Particle
293 Kelvin Cross Sections

50-Sn-121



5

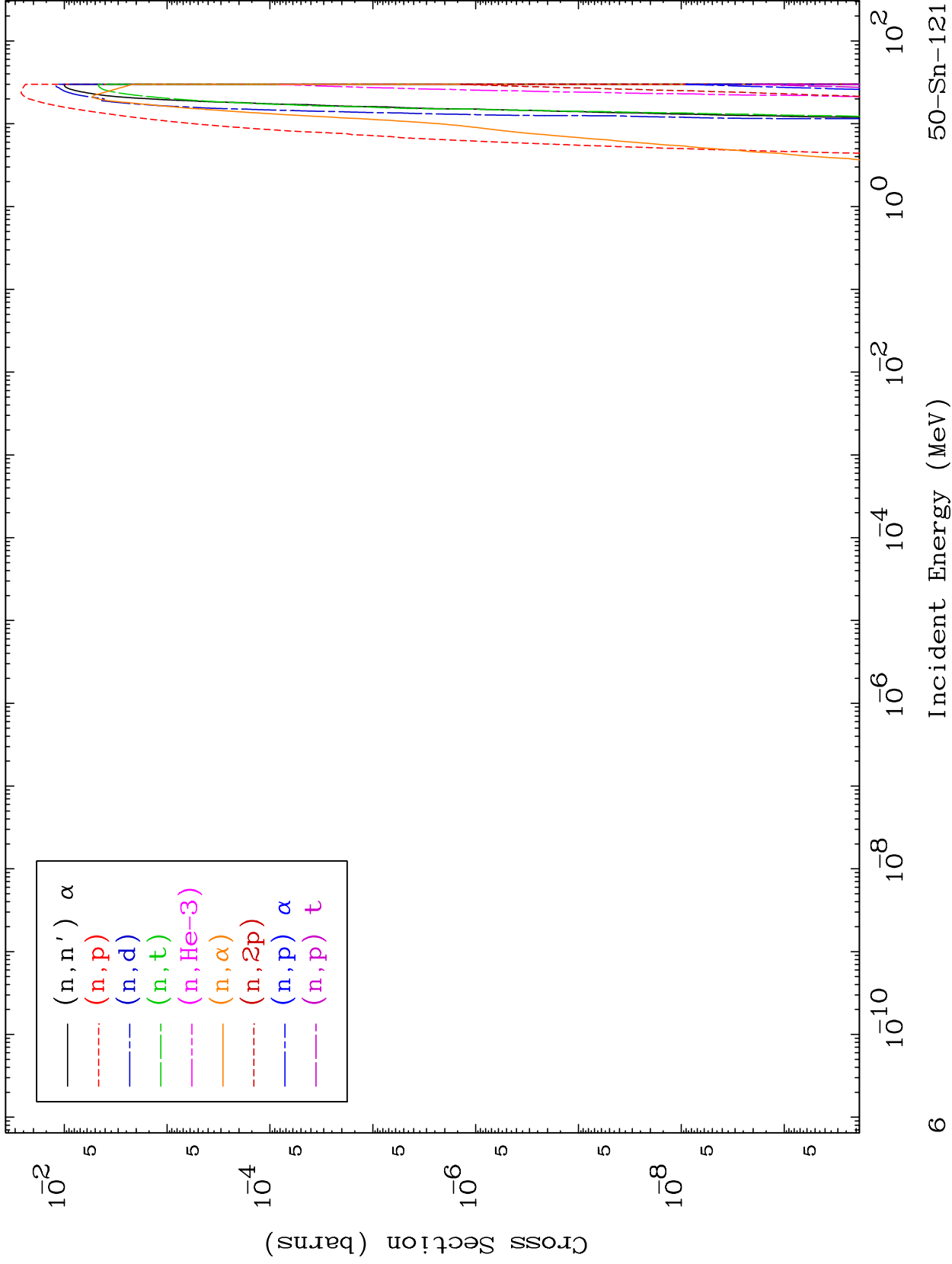
Incident Energy (MeV)

50-Sn-121

MAT 5052

Charged Particle
293 Kelvin Cross Sections

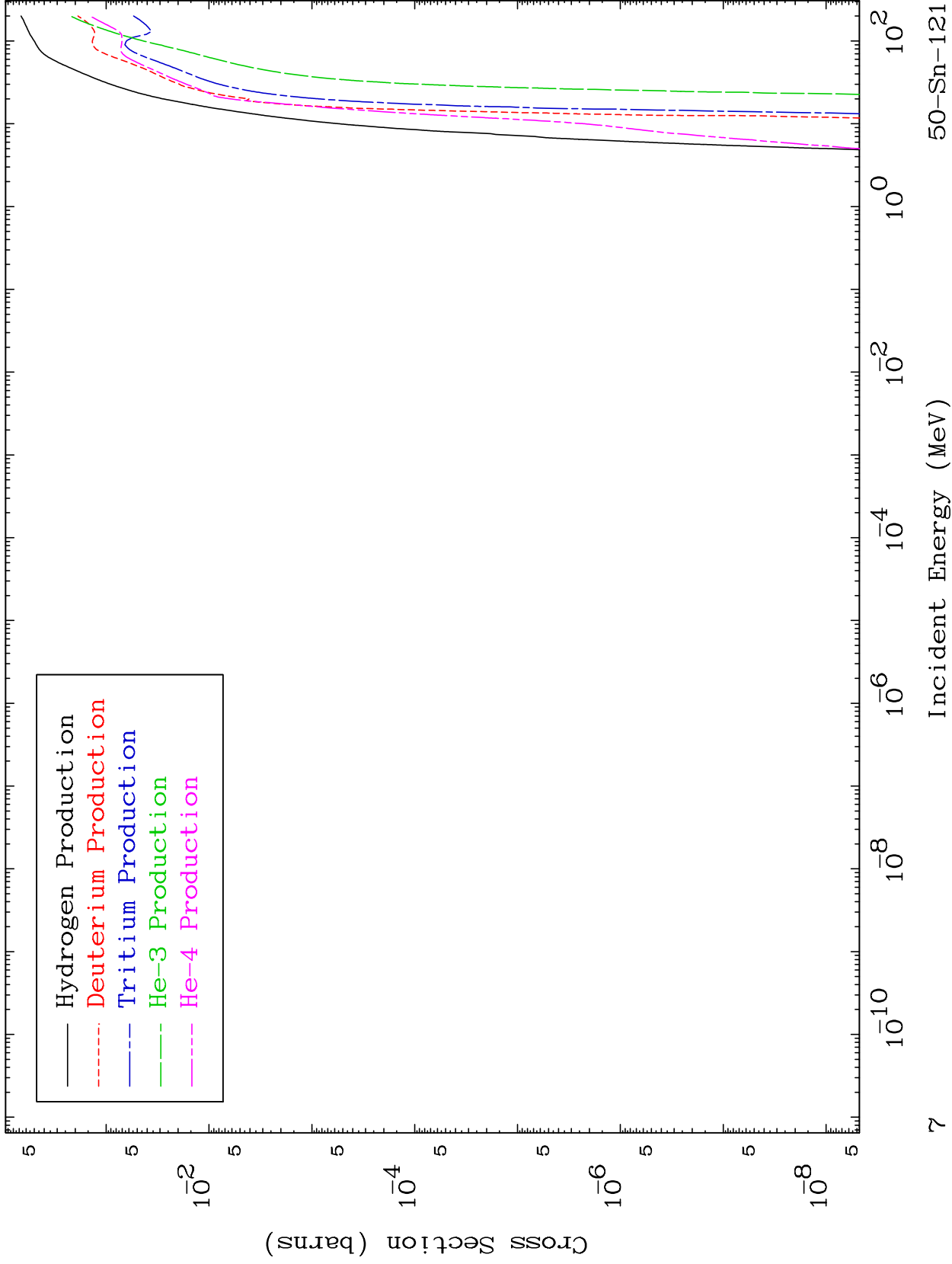
50-Sn-121



MAT 5052

Particle Production
293 Kelvin Cross Sections

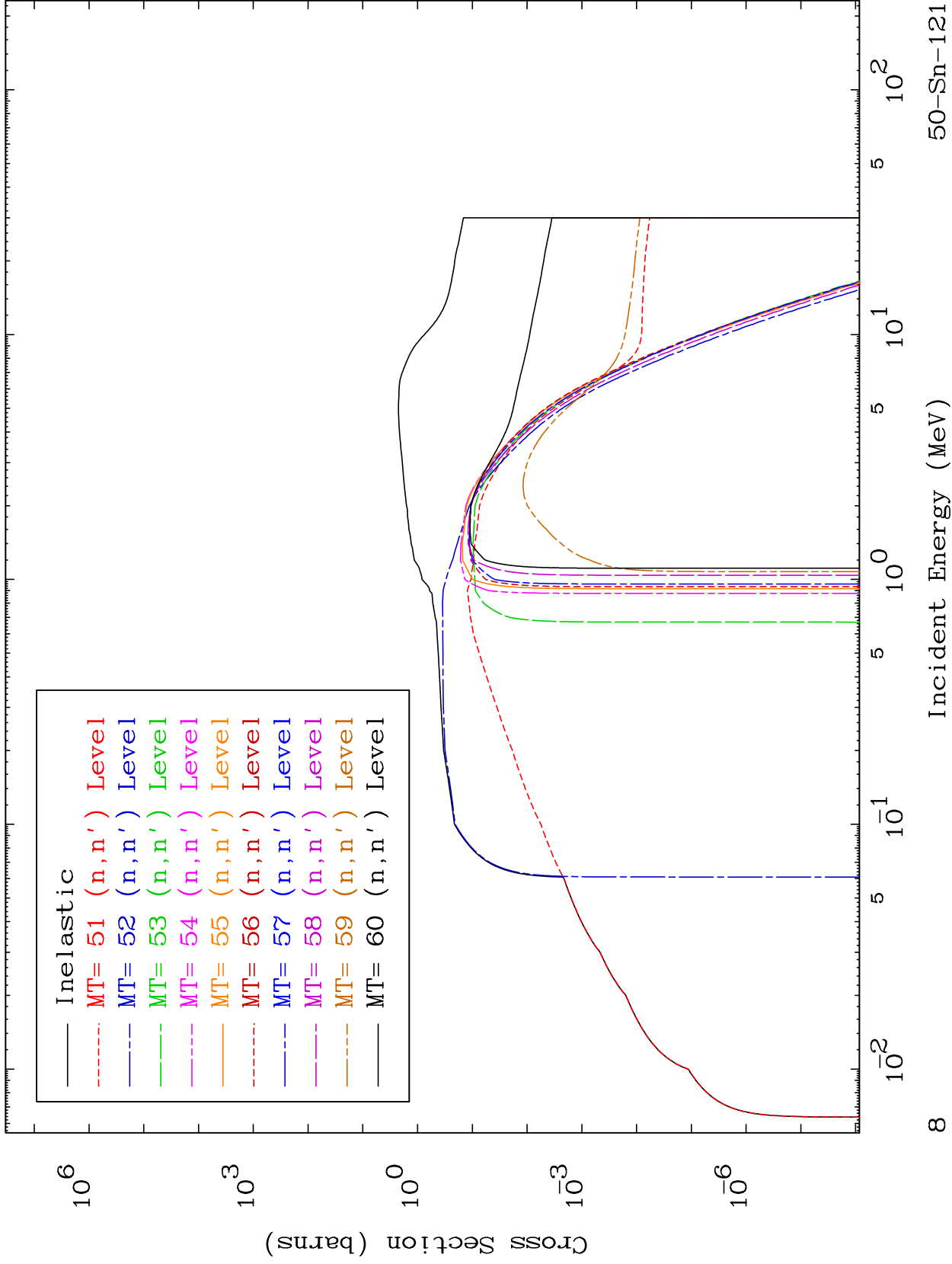
50-Sn-121



MAT 5052

(n,n') Levels
293 Kelvin Cross Sections

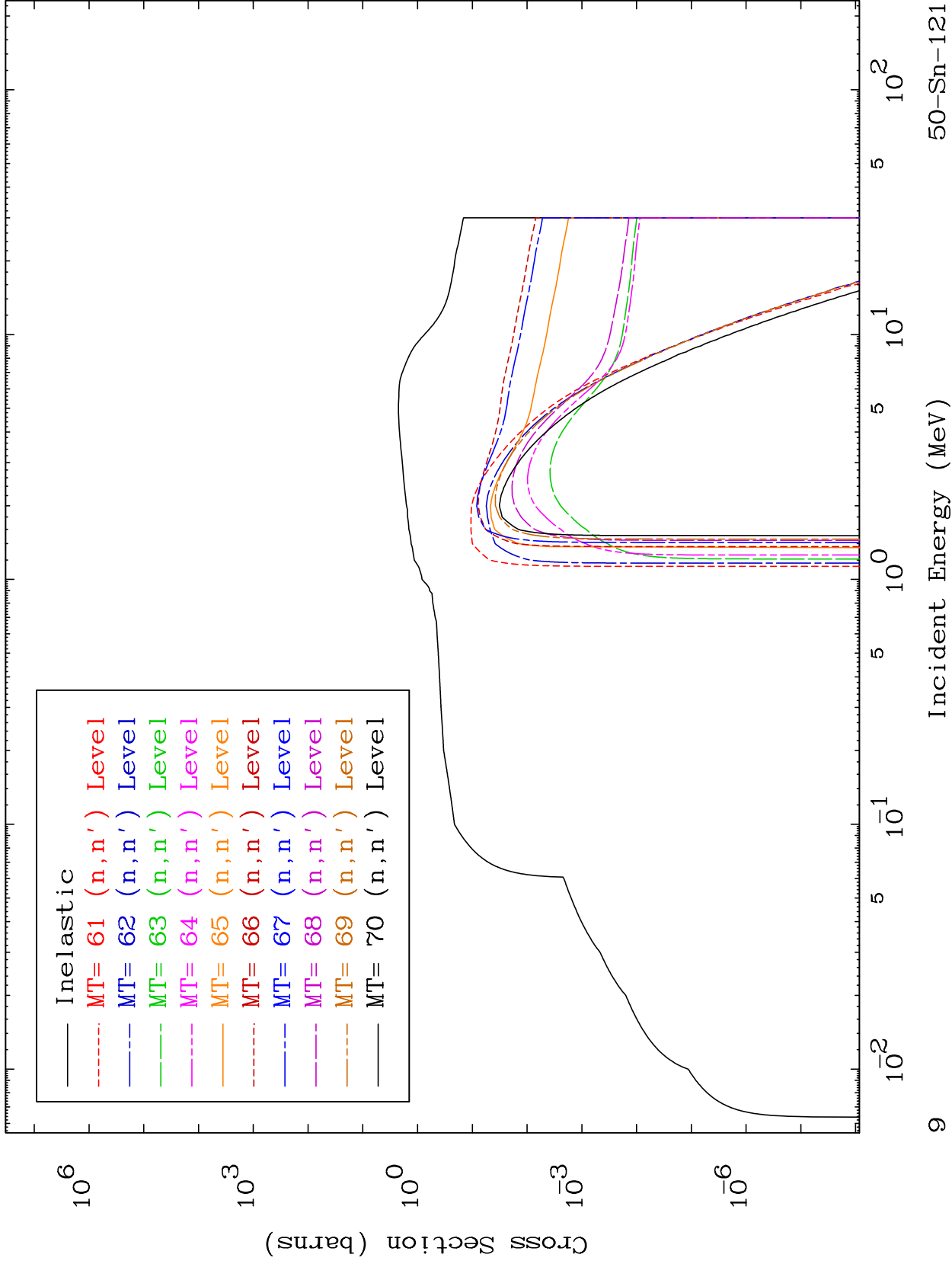
50-Sn-121



MAT 5052

(n,n') Levels
293 Kelvin Cross Sections

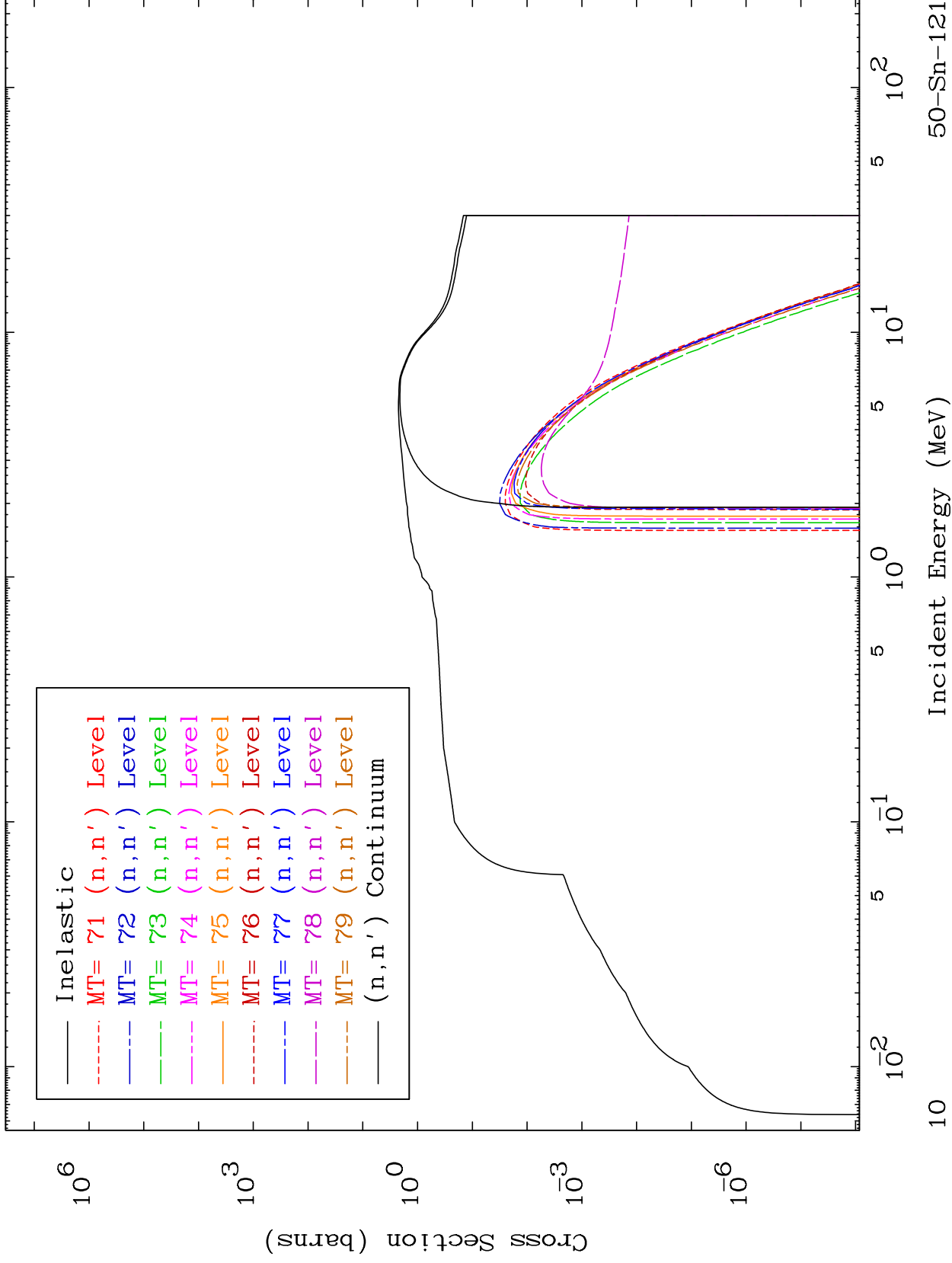
50-Sn-121



MAT 5052

(n,n') Levels
293 Kelvin Cross Sections

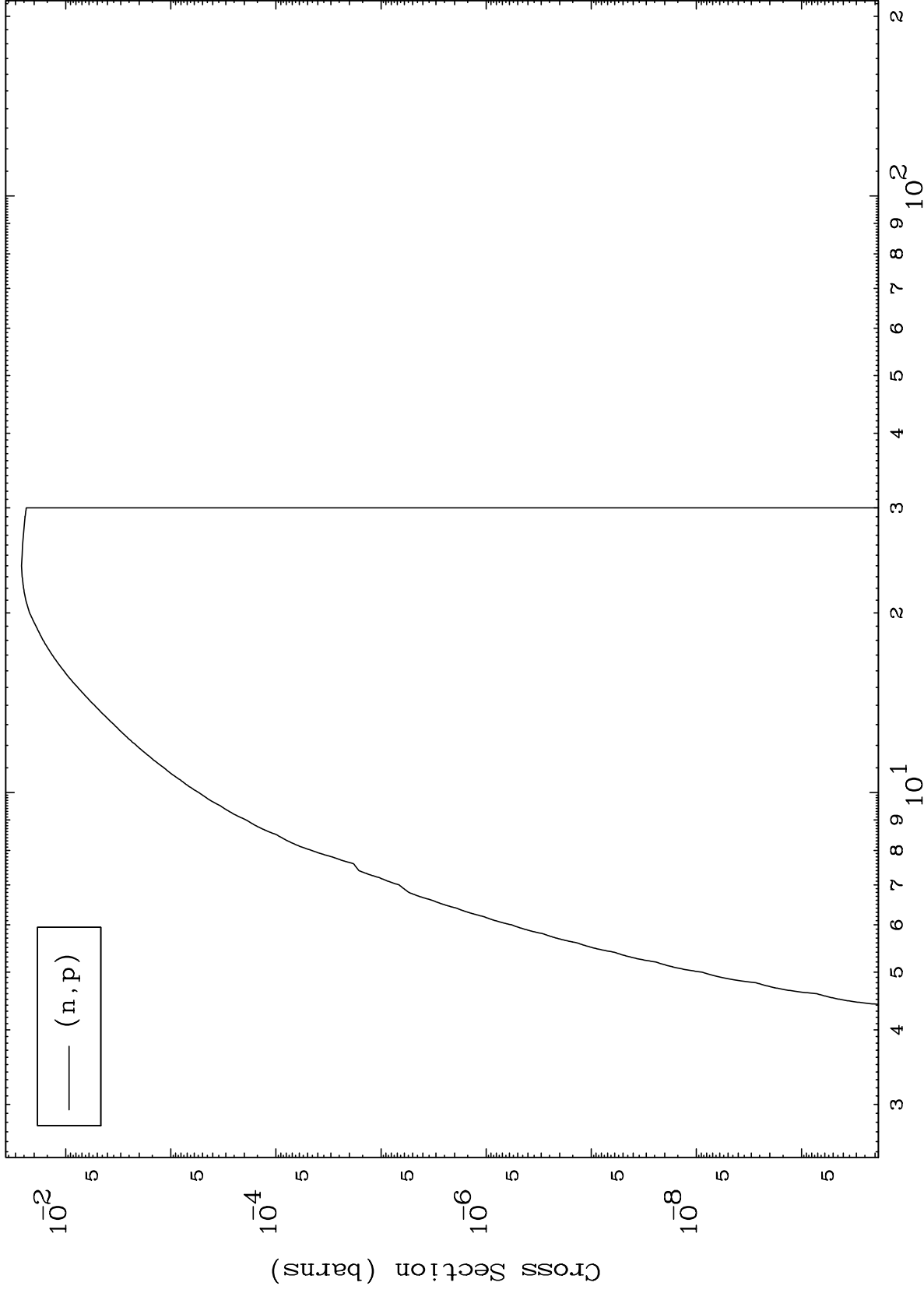
50-Sn-121



MAT 5052

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-121



11

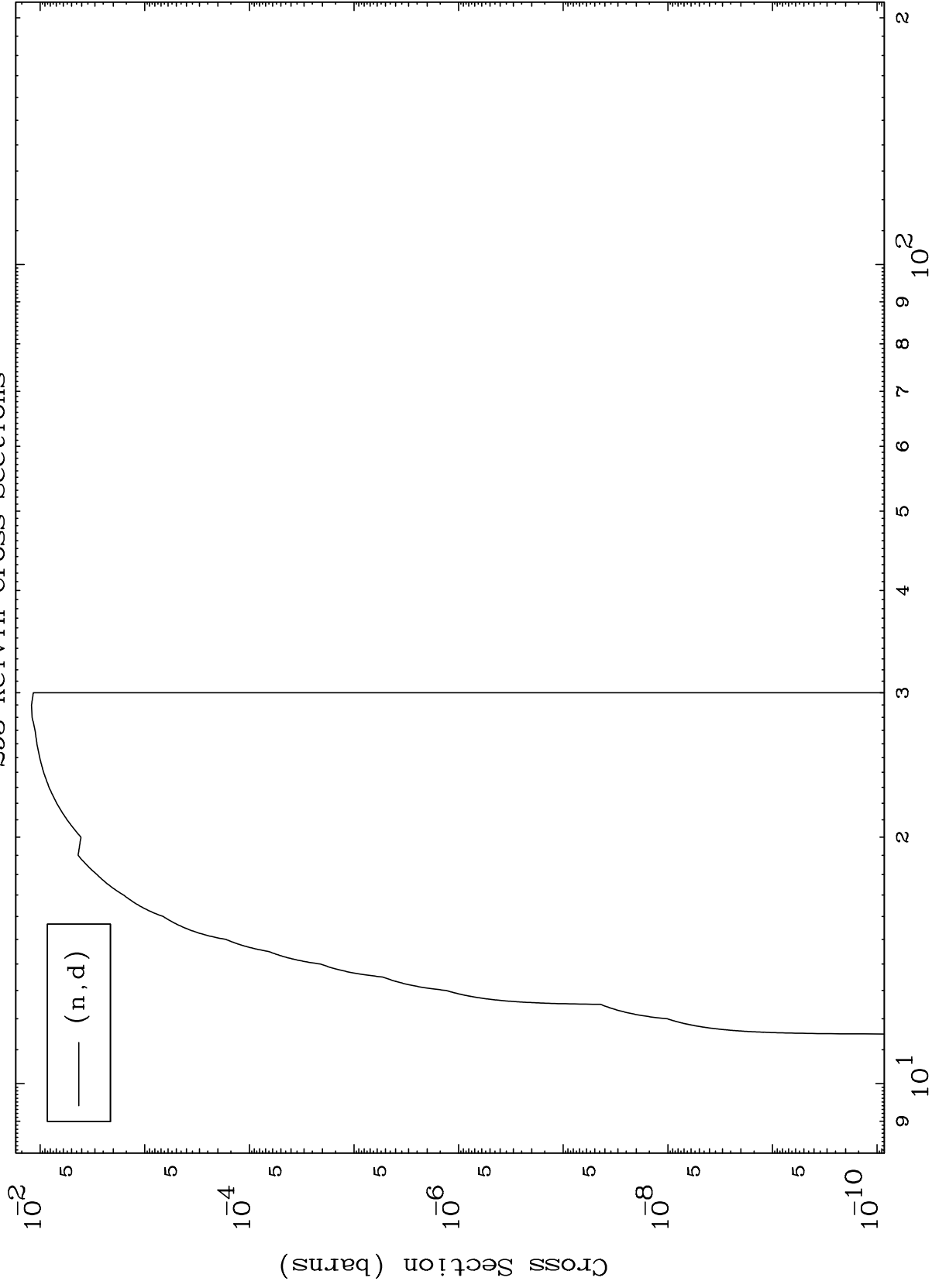
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-121



12

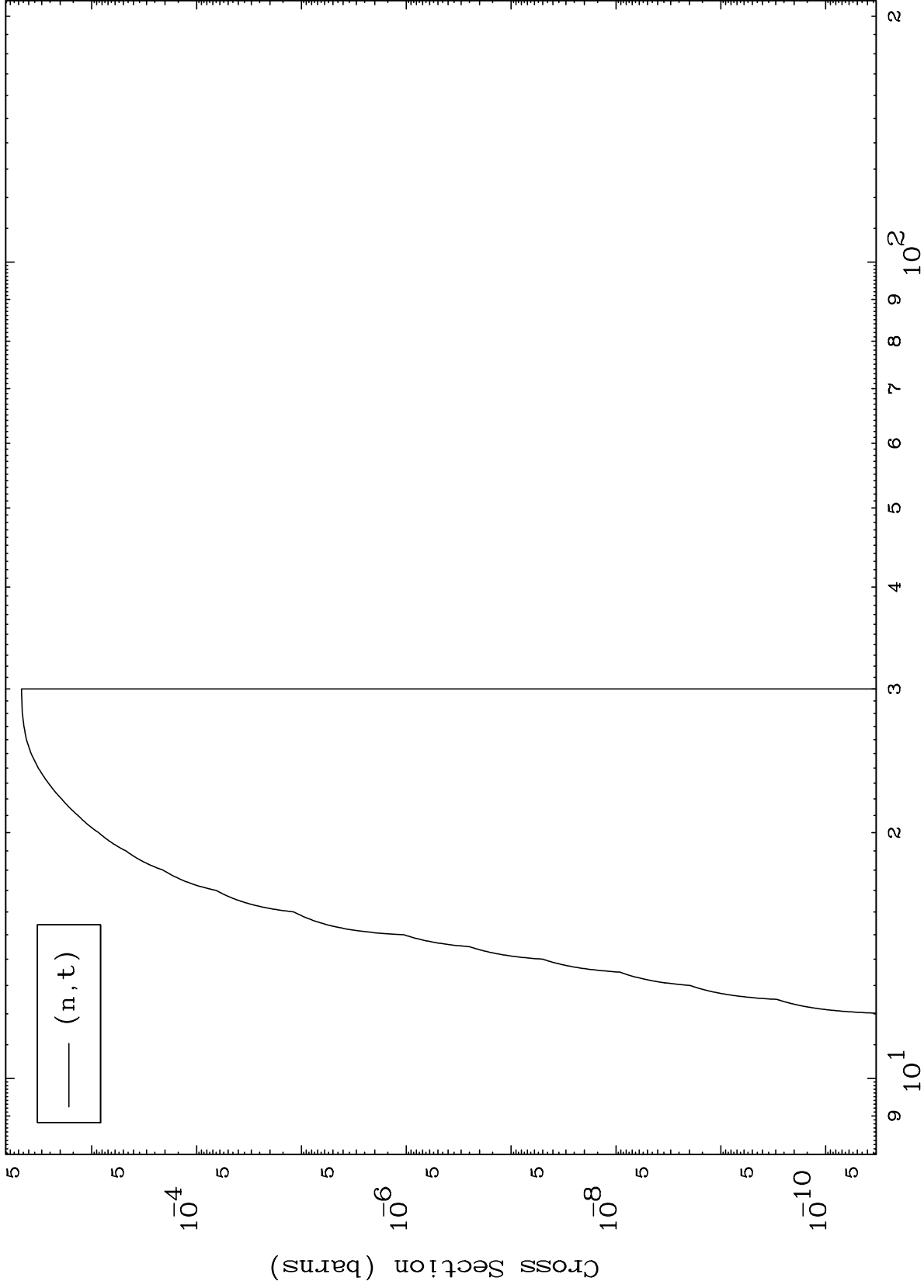
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-121



13

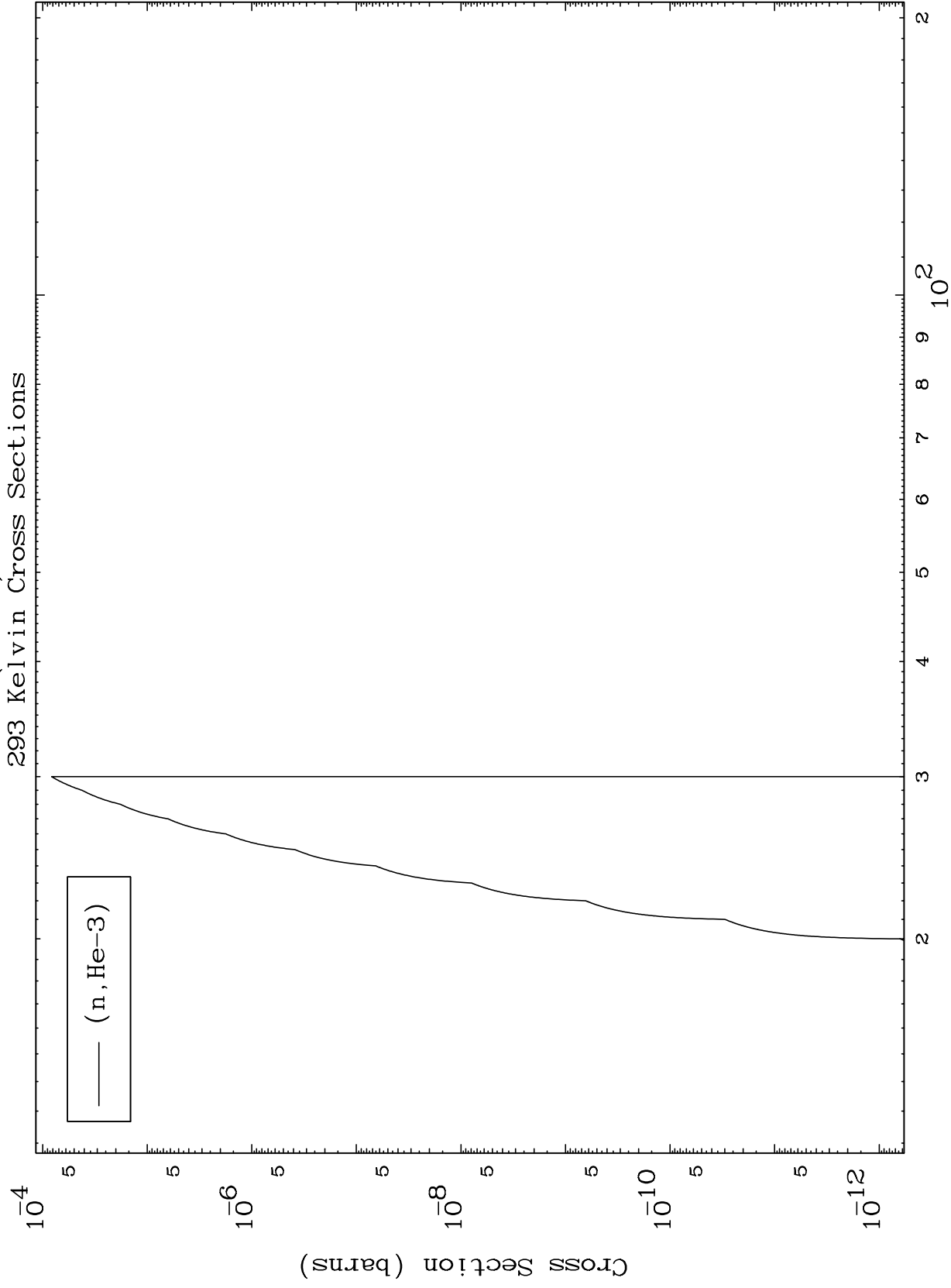
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

(n,He3) Levels
293 Kelvin Cross Sections



50-Sn-121

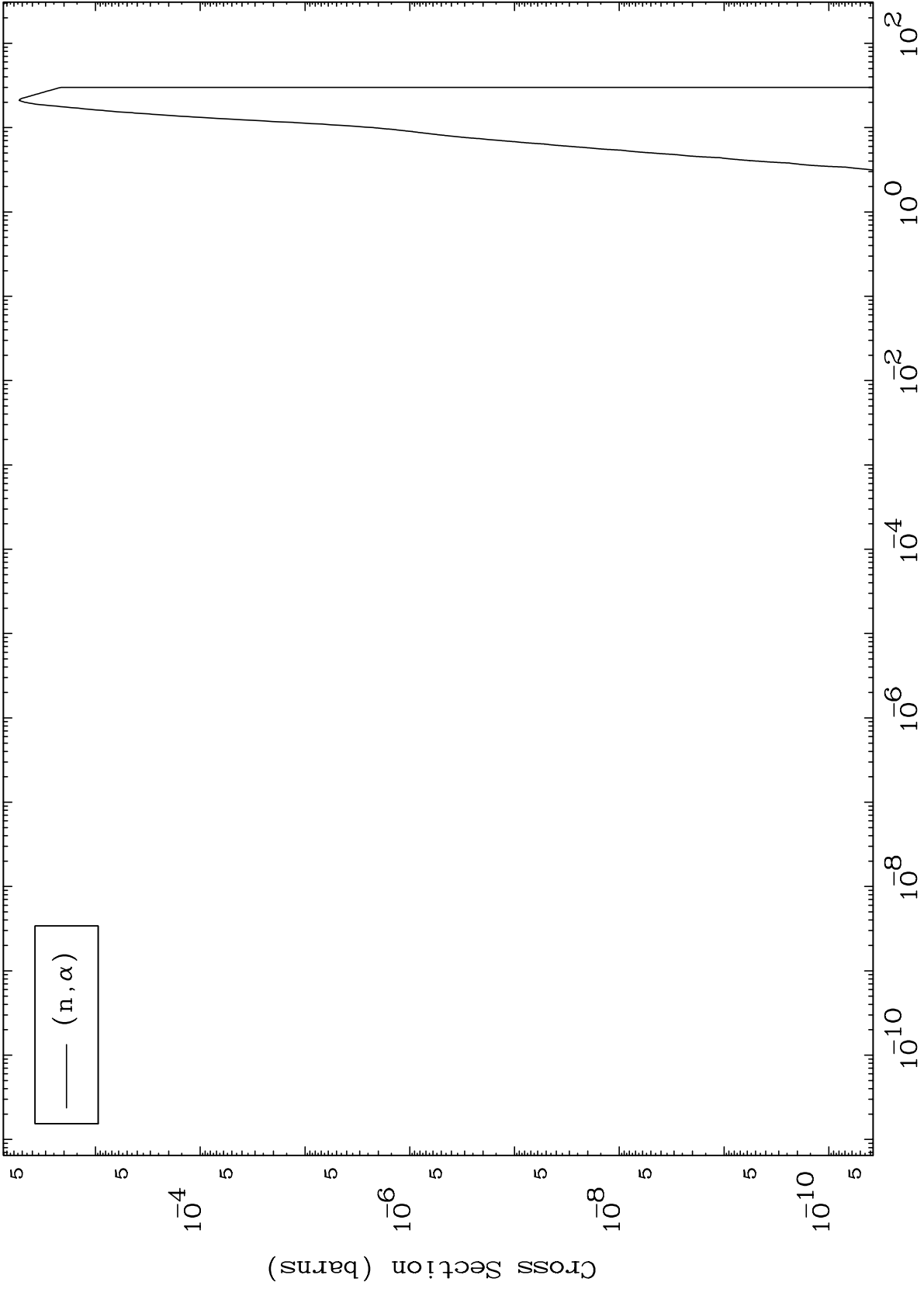
Incident Energy (MeV)

14

MAT 5052

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-121

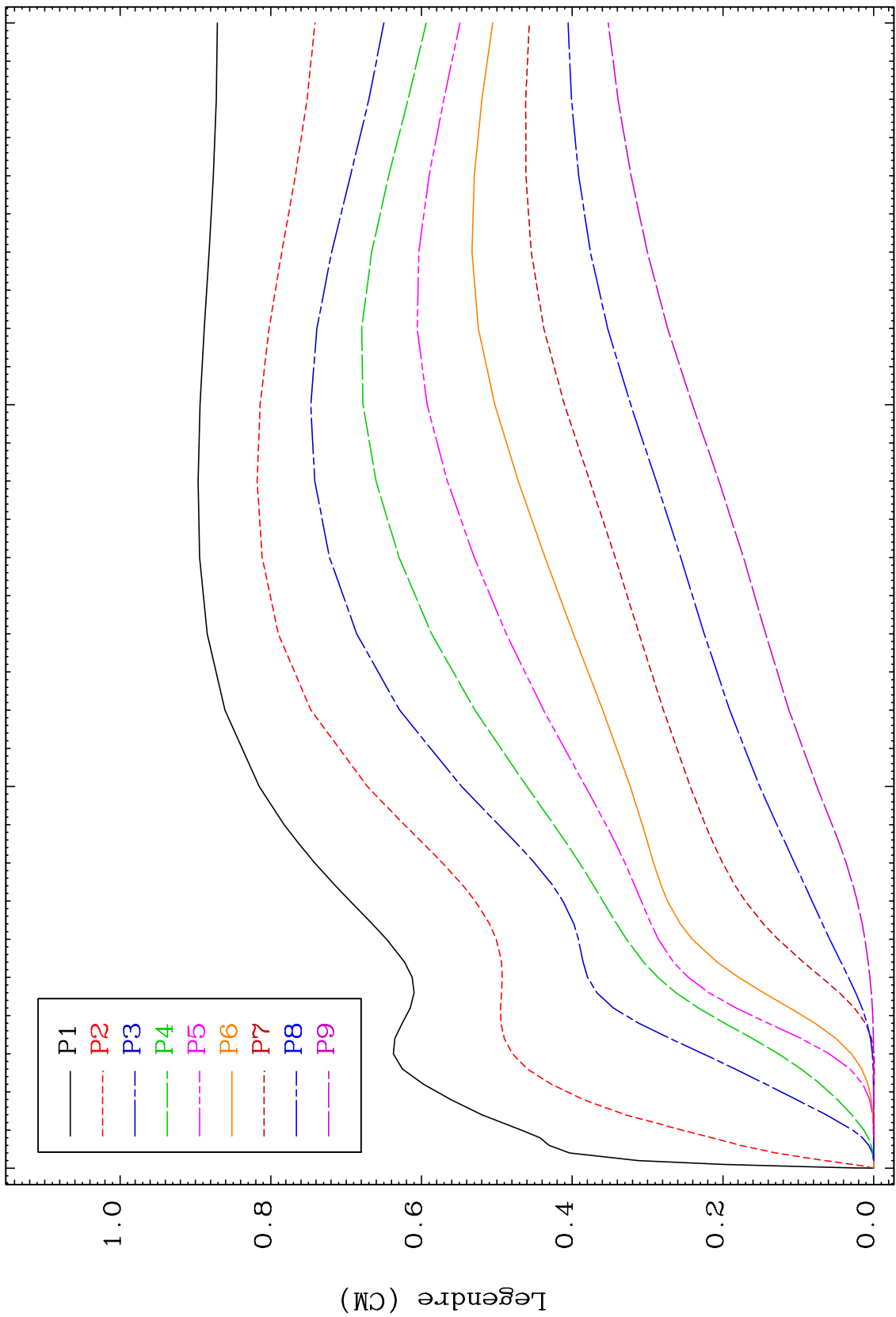


(n, α)

MAT 5052

Elastic Legendre Coefficients

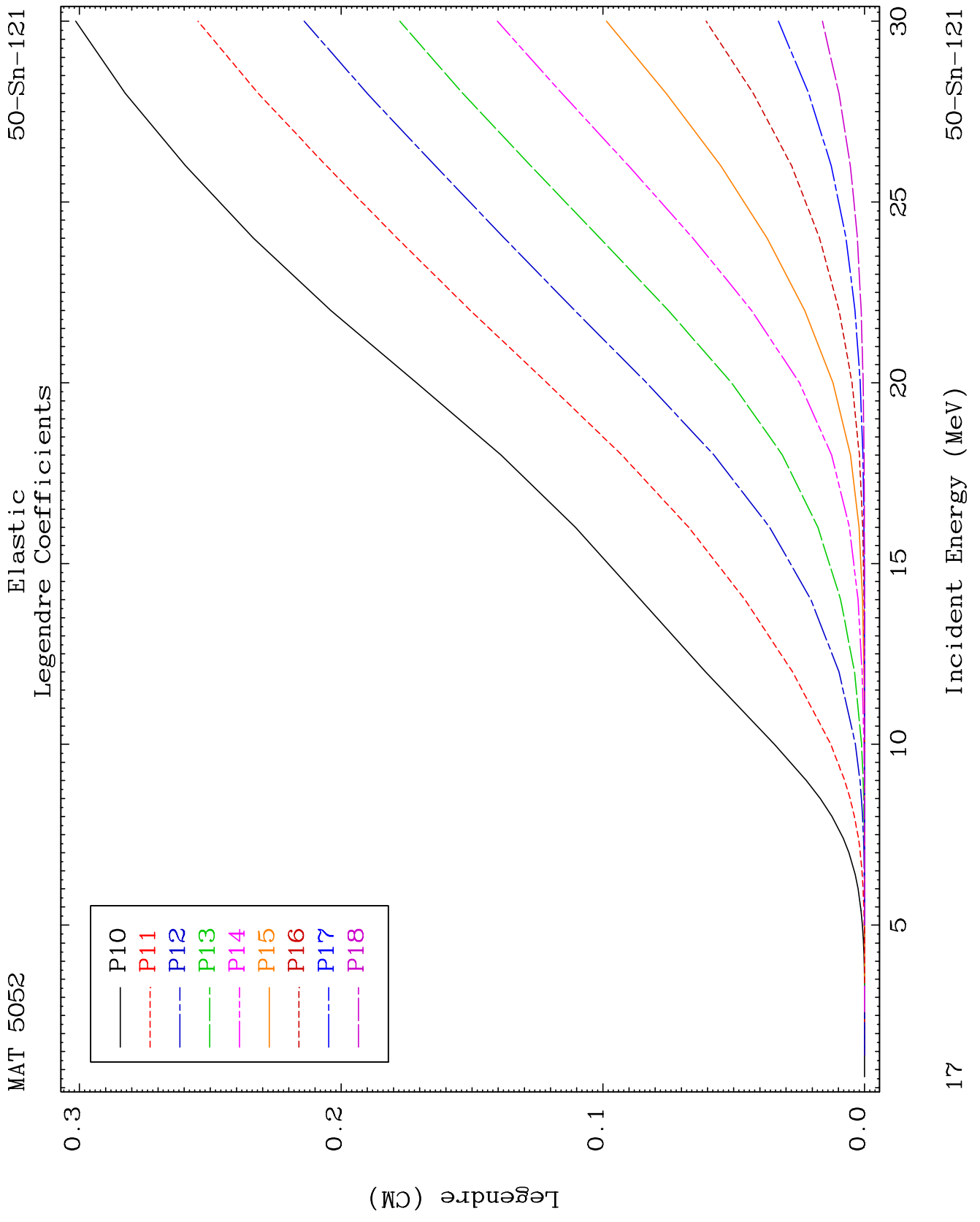
50-Sn-121



16

Incident Energy (MeV)

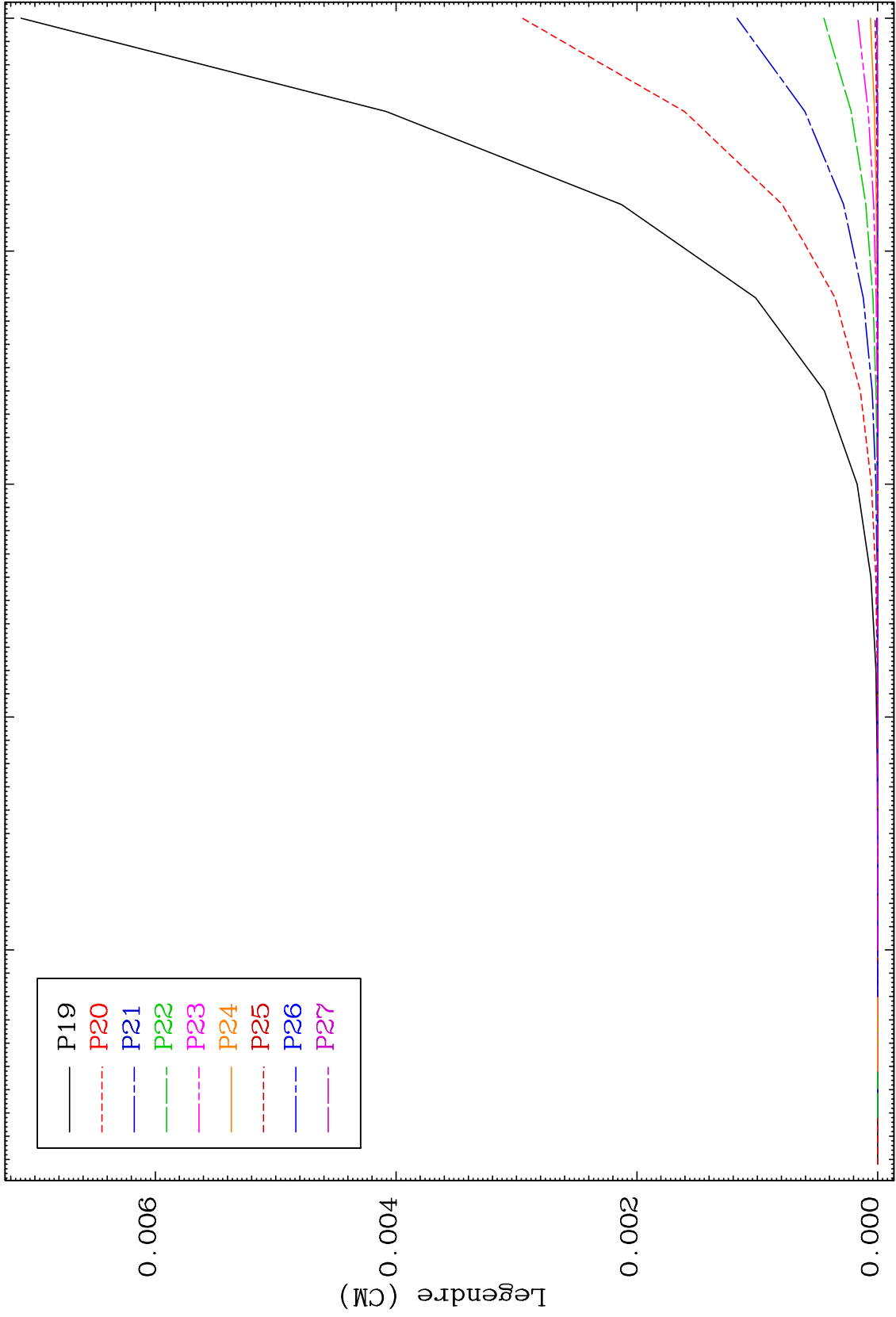
50-Sn-121



MAT 5052

Elastic Legendre Coefficients

50-Sn-121



18

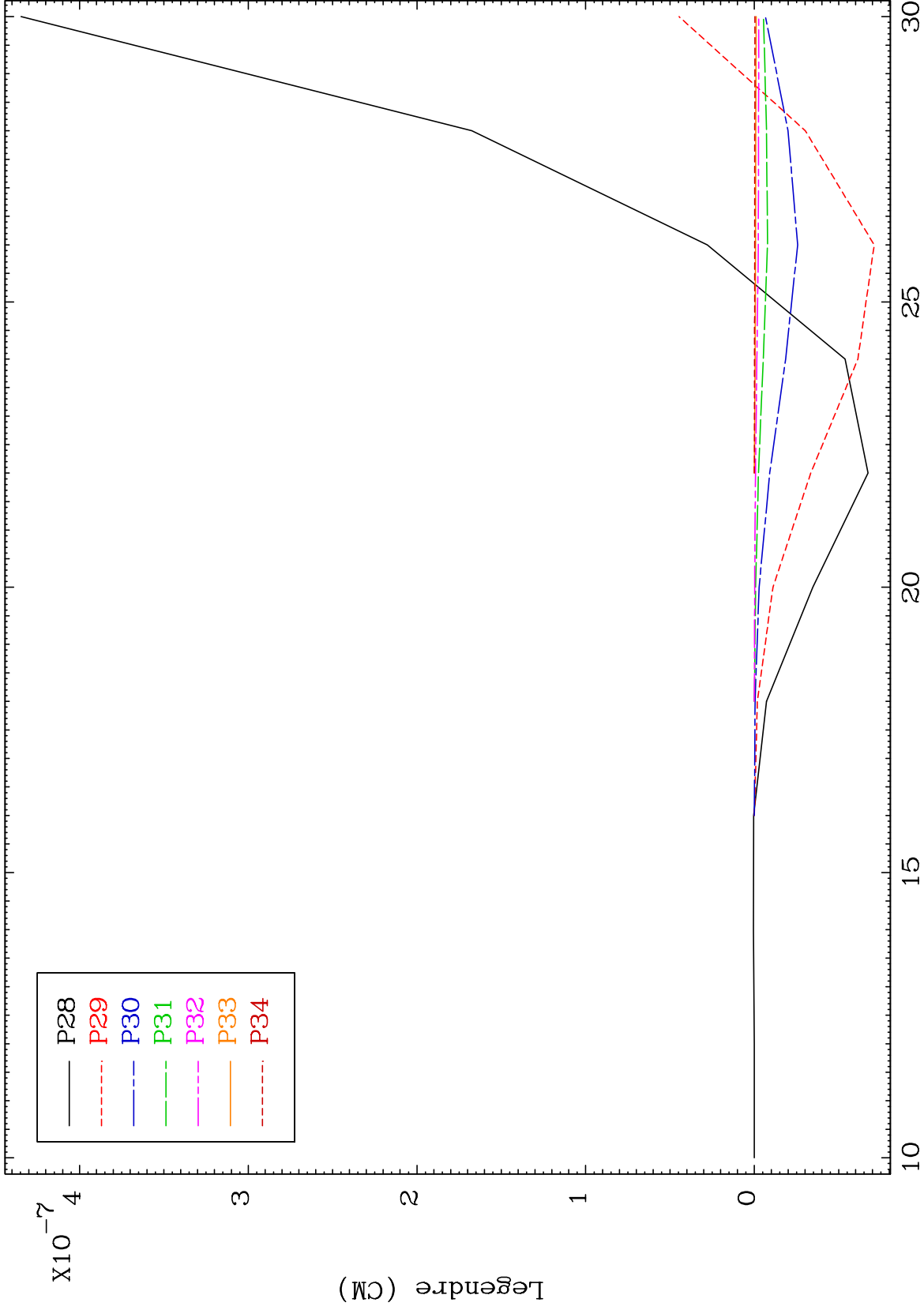
Incident Energy (MeV)

50-Sn-121

MAT 5052

Elastic Legendre Coefficients

50-Sn-121



10

Incident Energy (MeV)

50-Sn-121

15

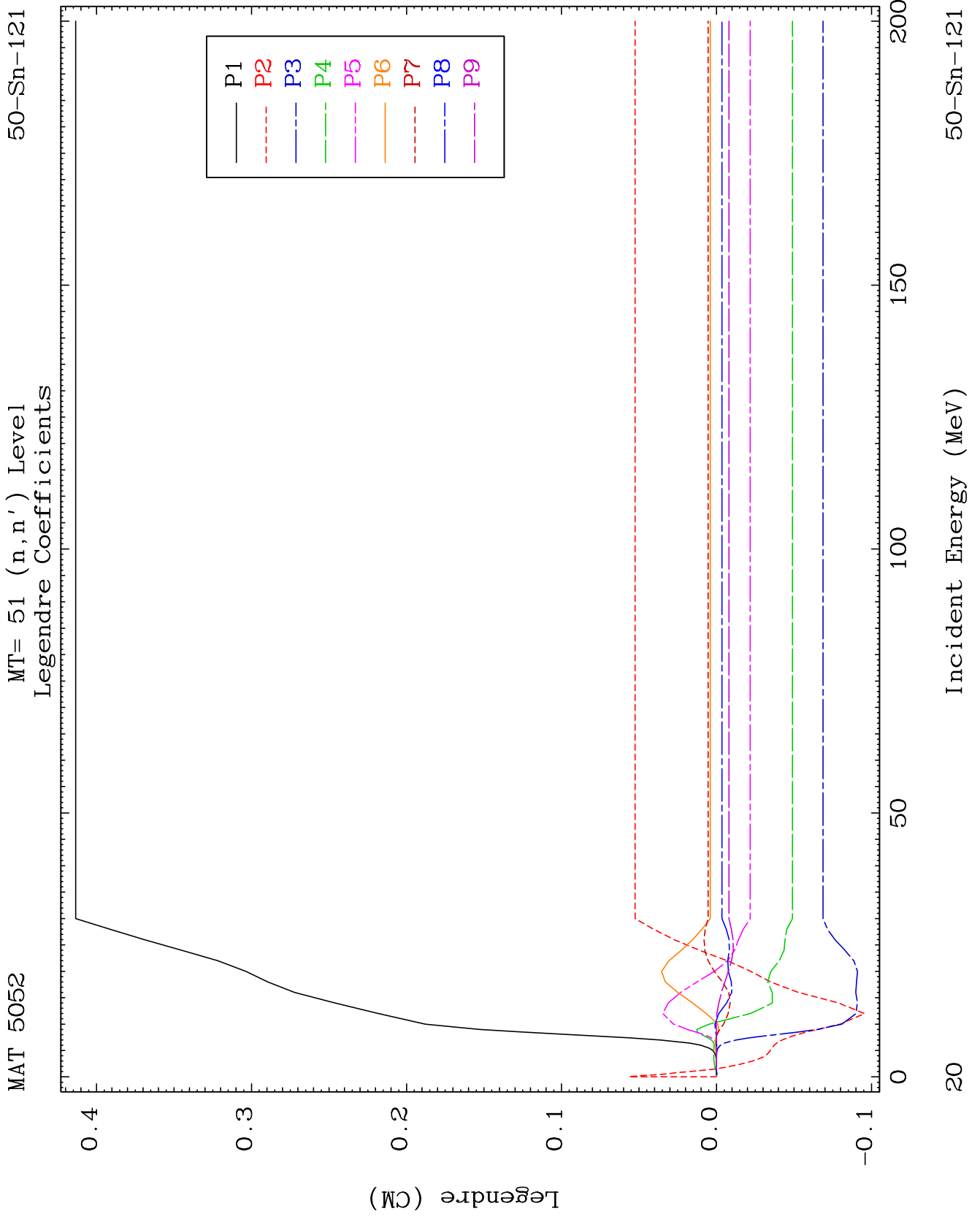
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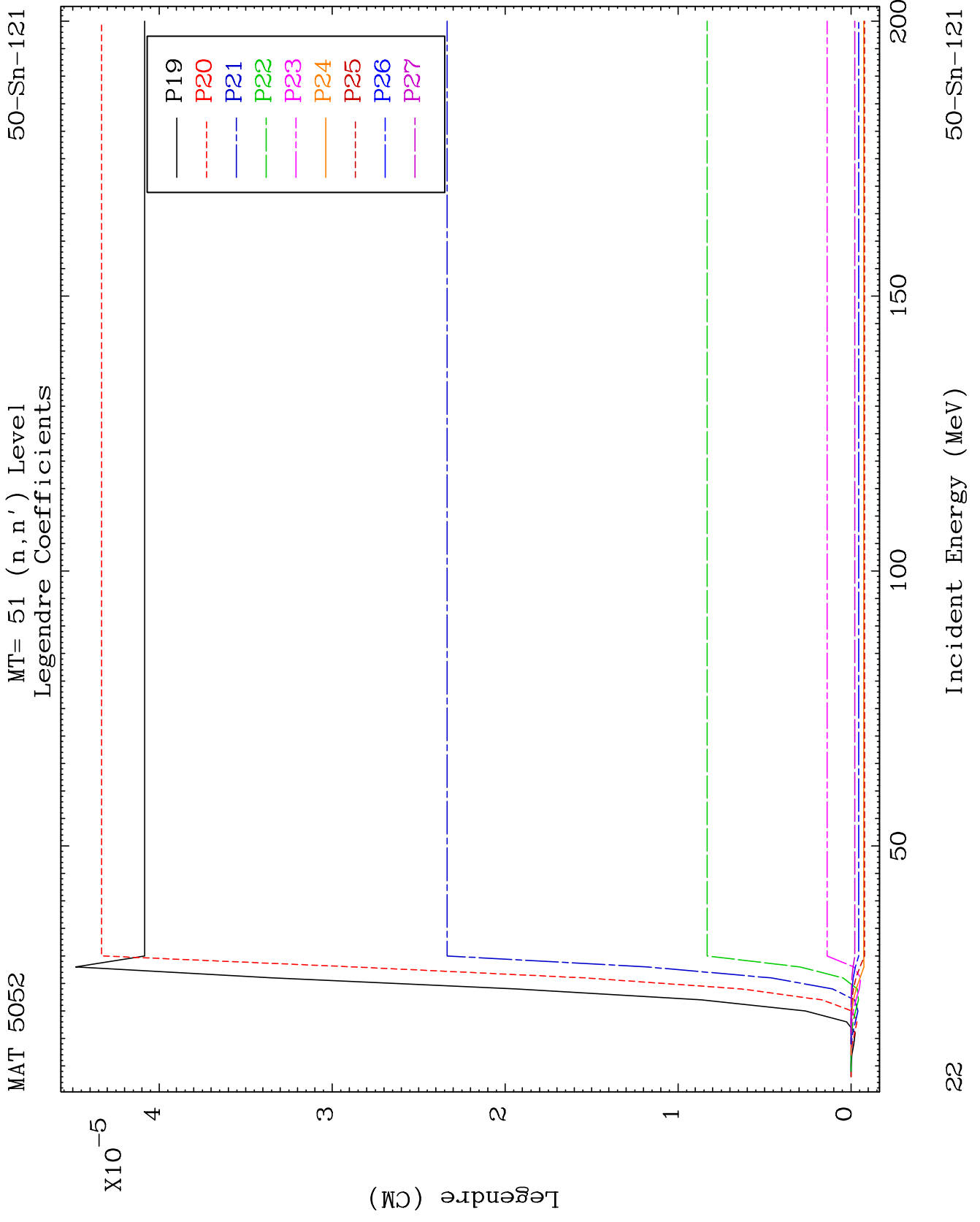
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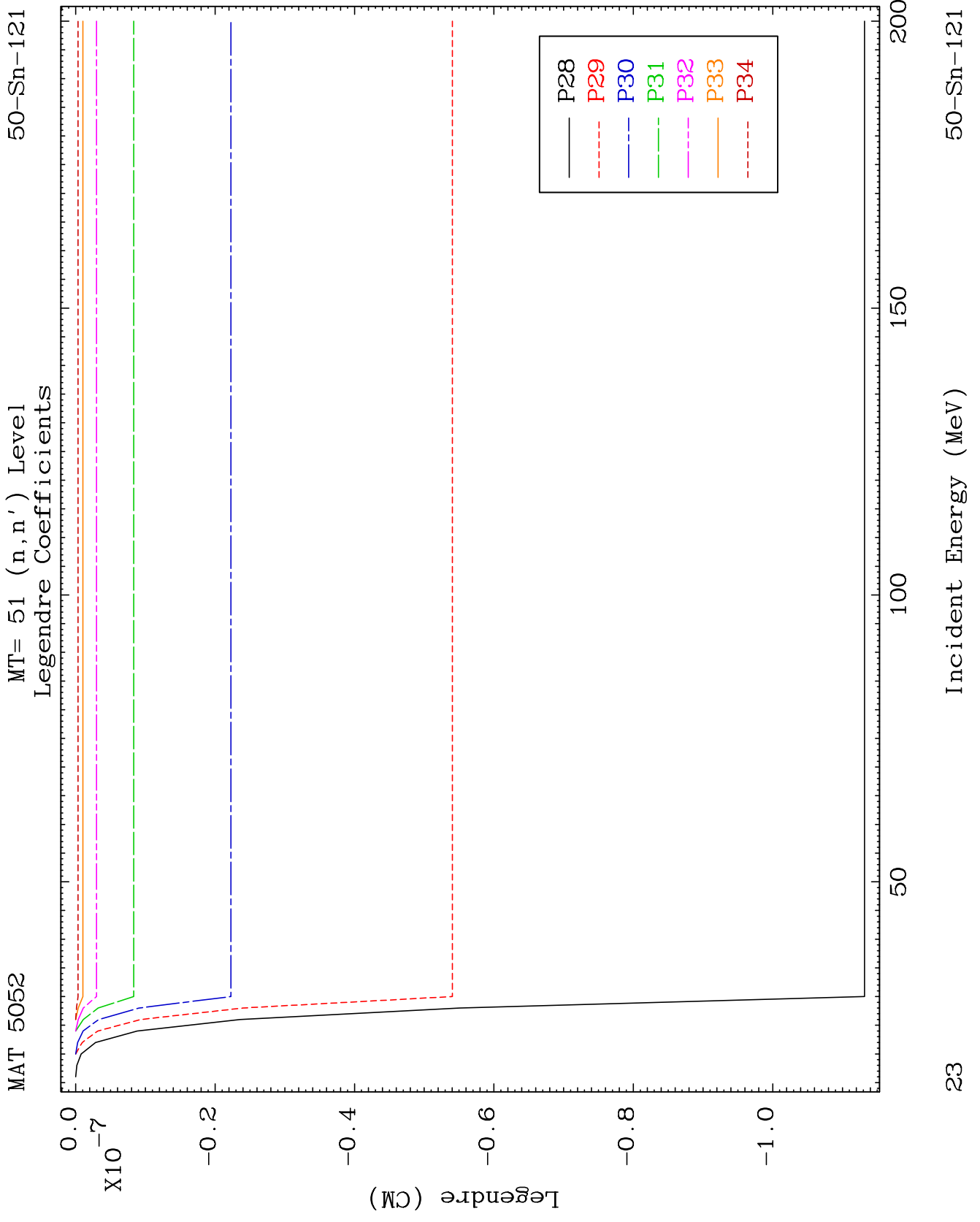
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10^{-7}

Legendre (CM)



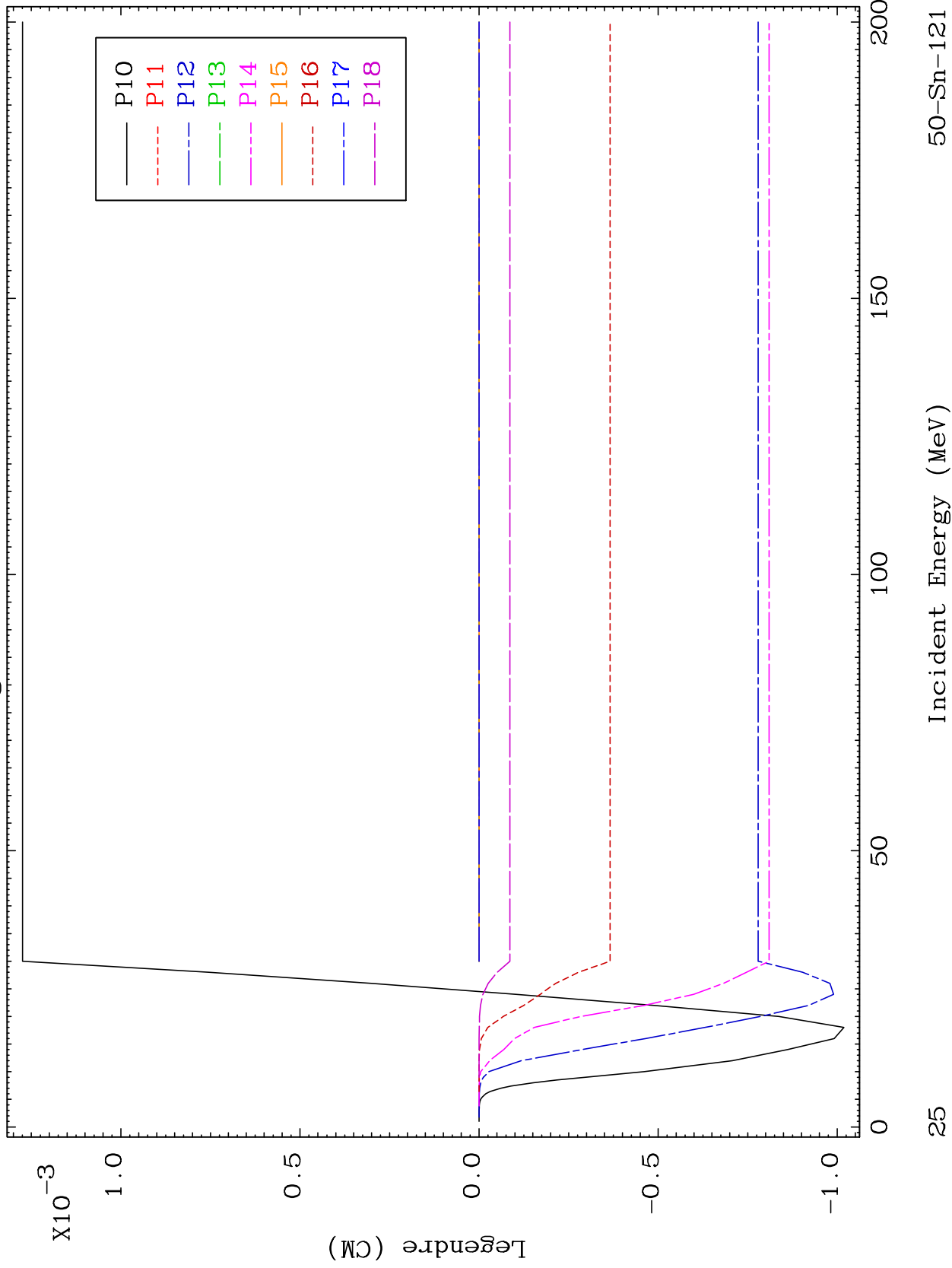


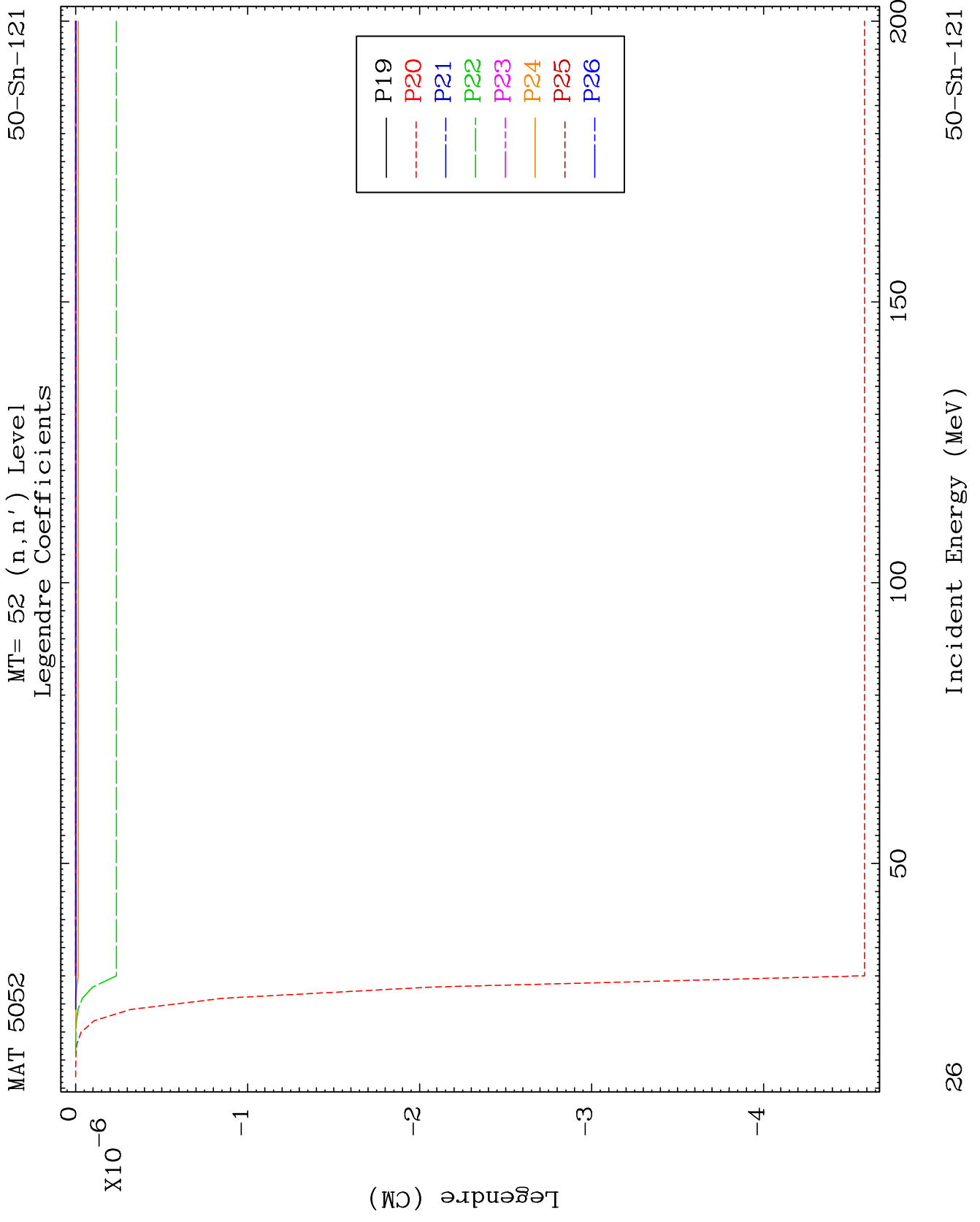


MAT 5052

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

50-Sn-121

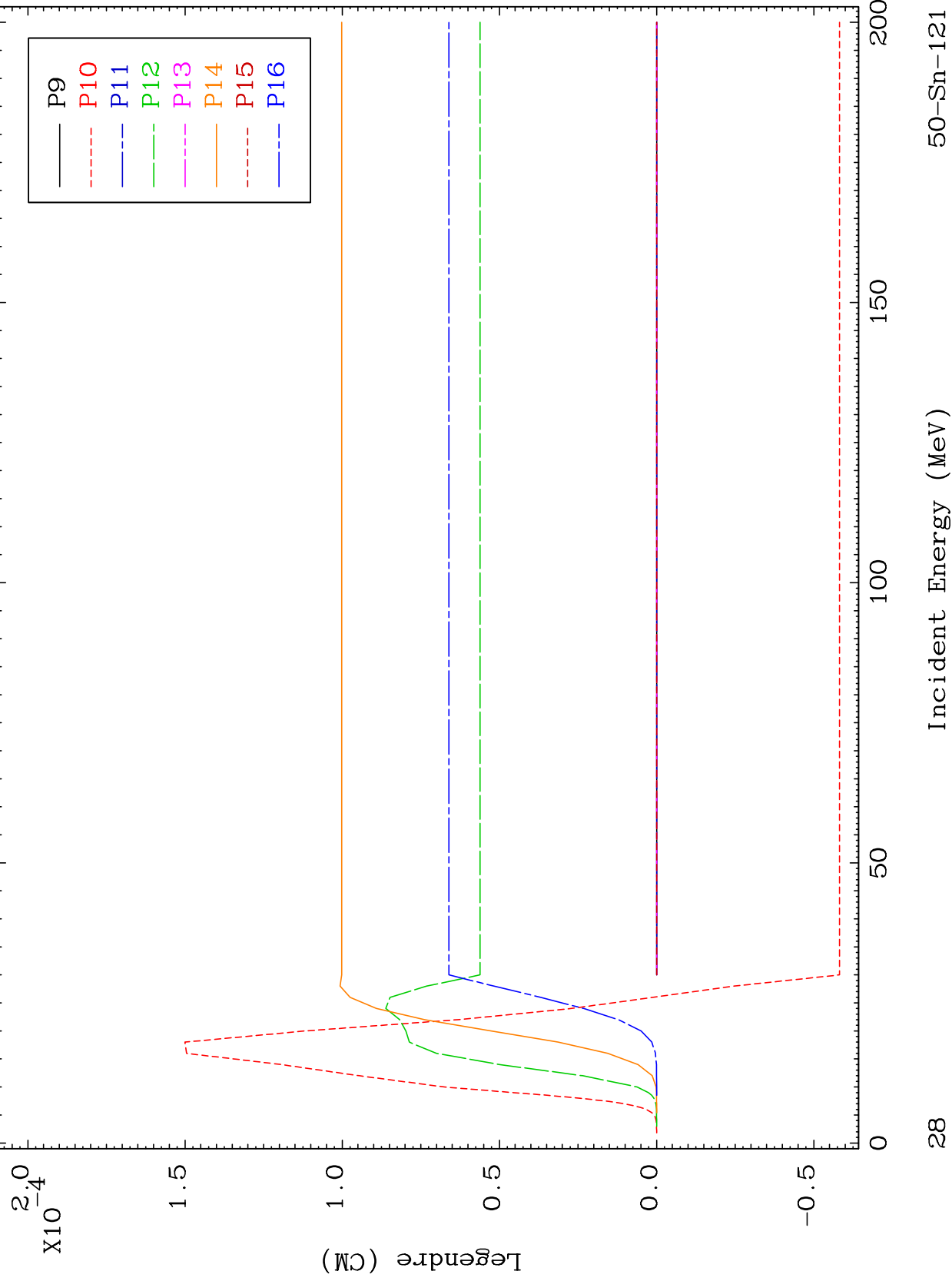




MAT 5052

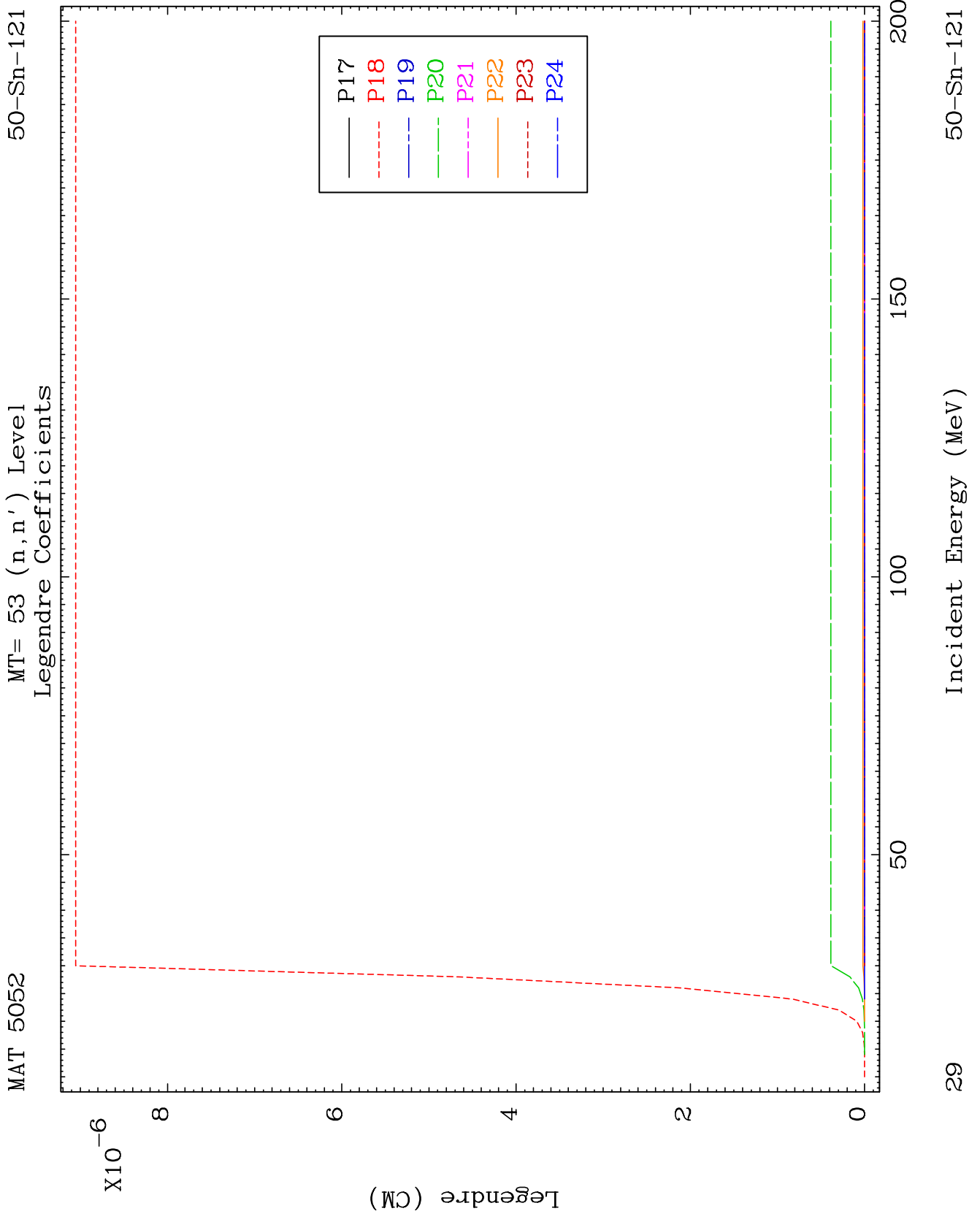
MT= 53 (n,n') Level
Legendre Coefficients

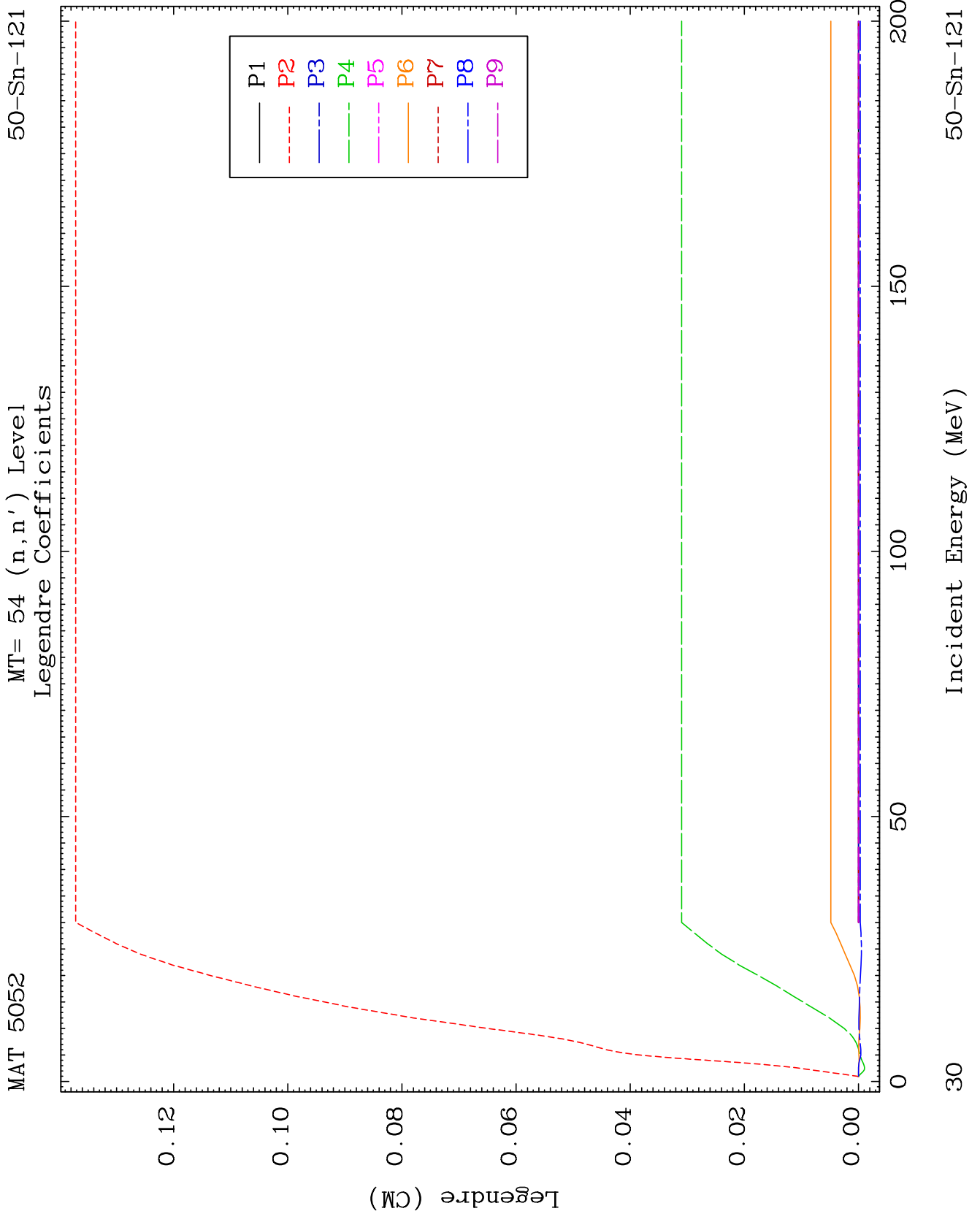
50-Sn-121

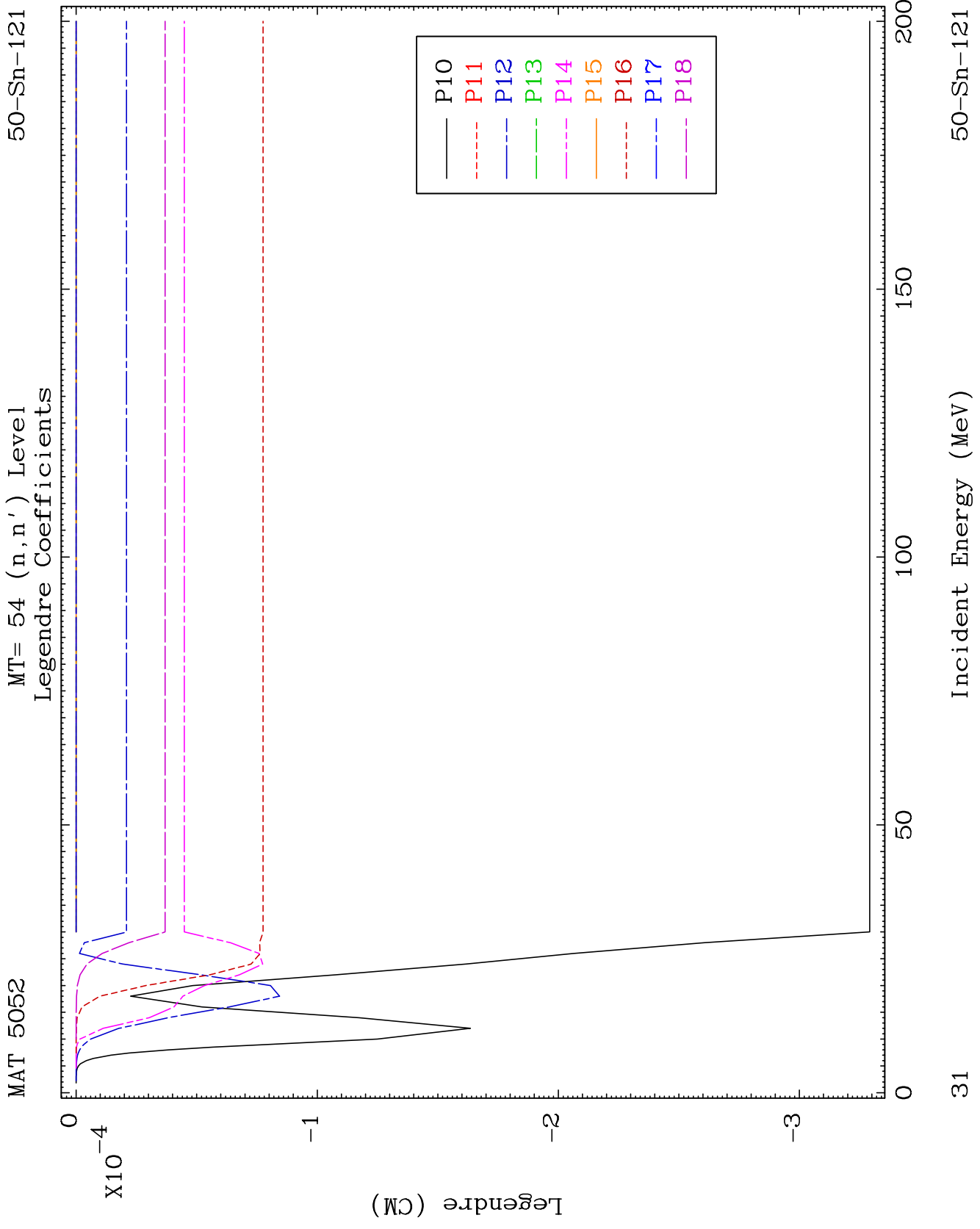


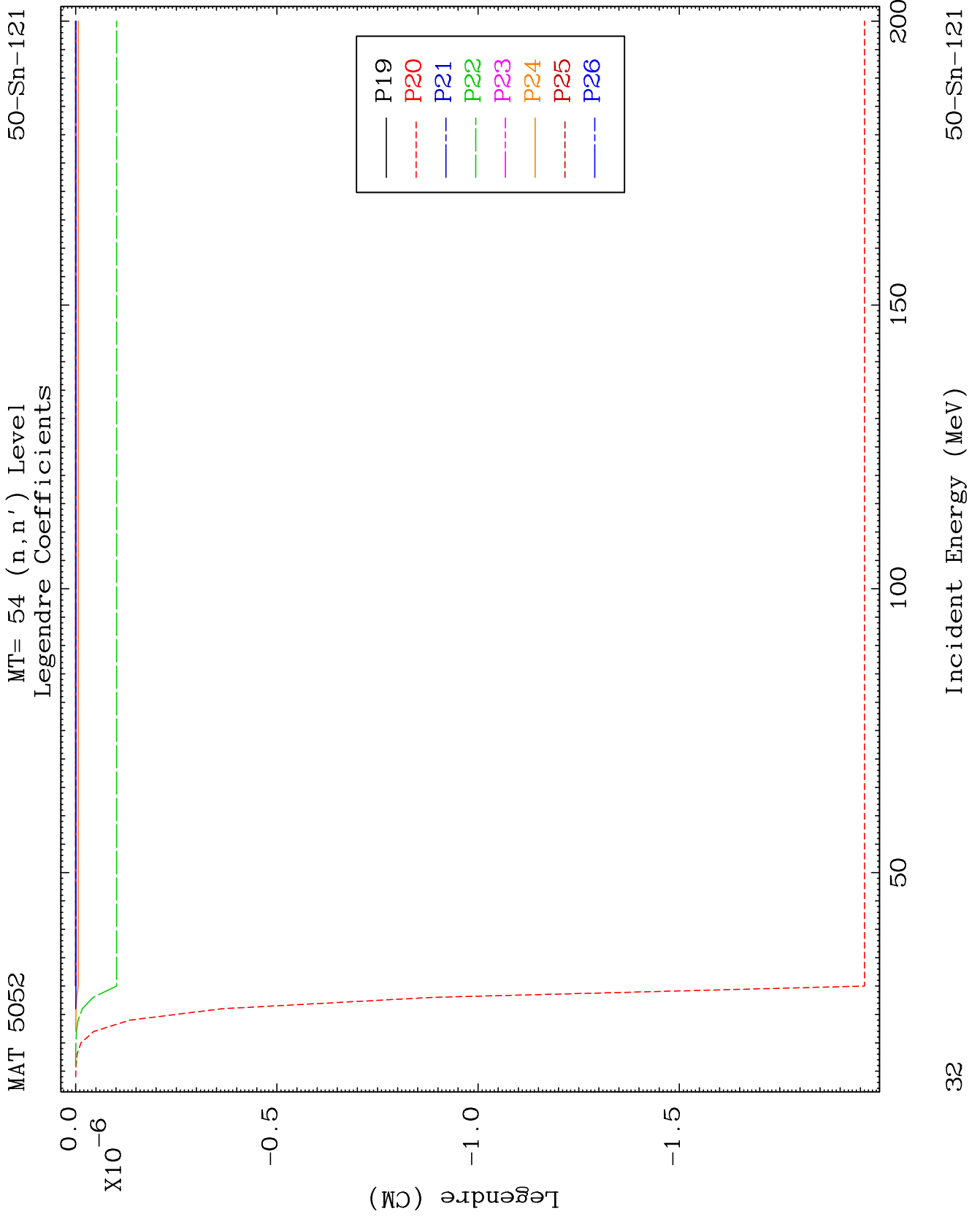
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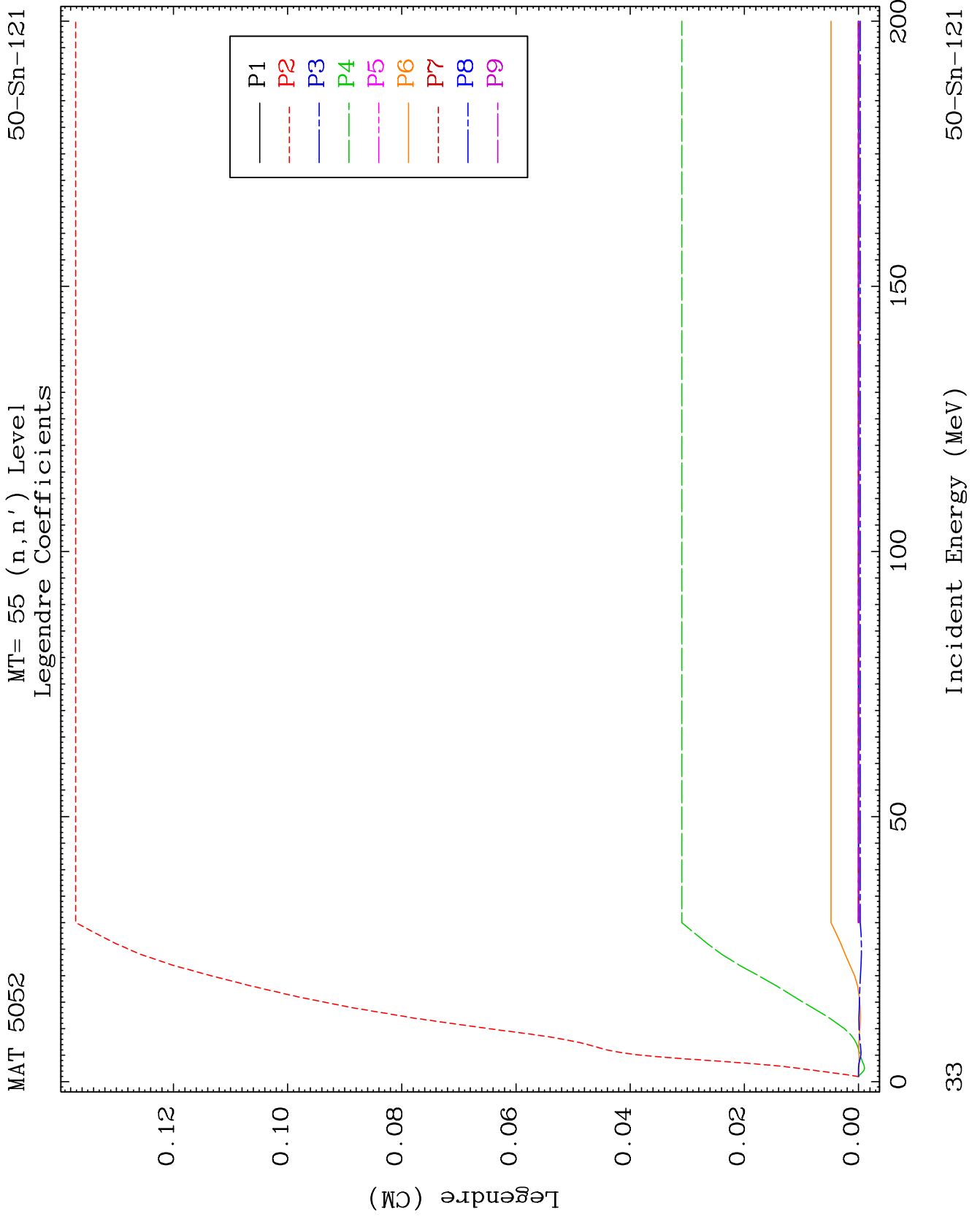
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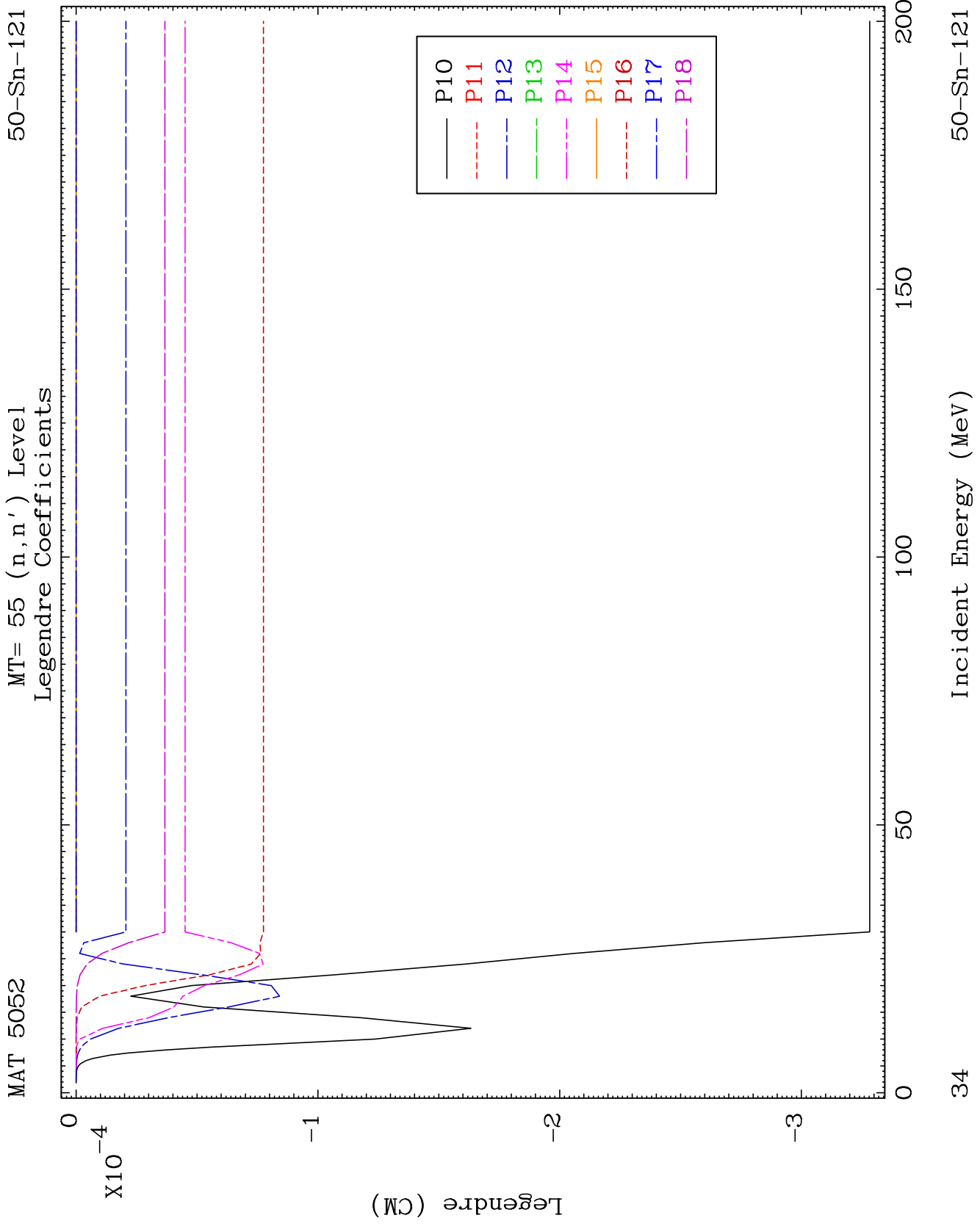


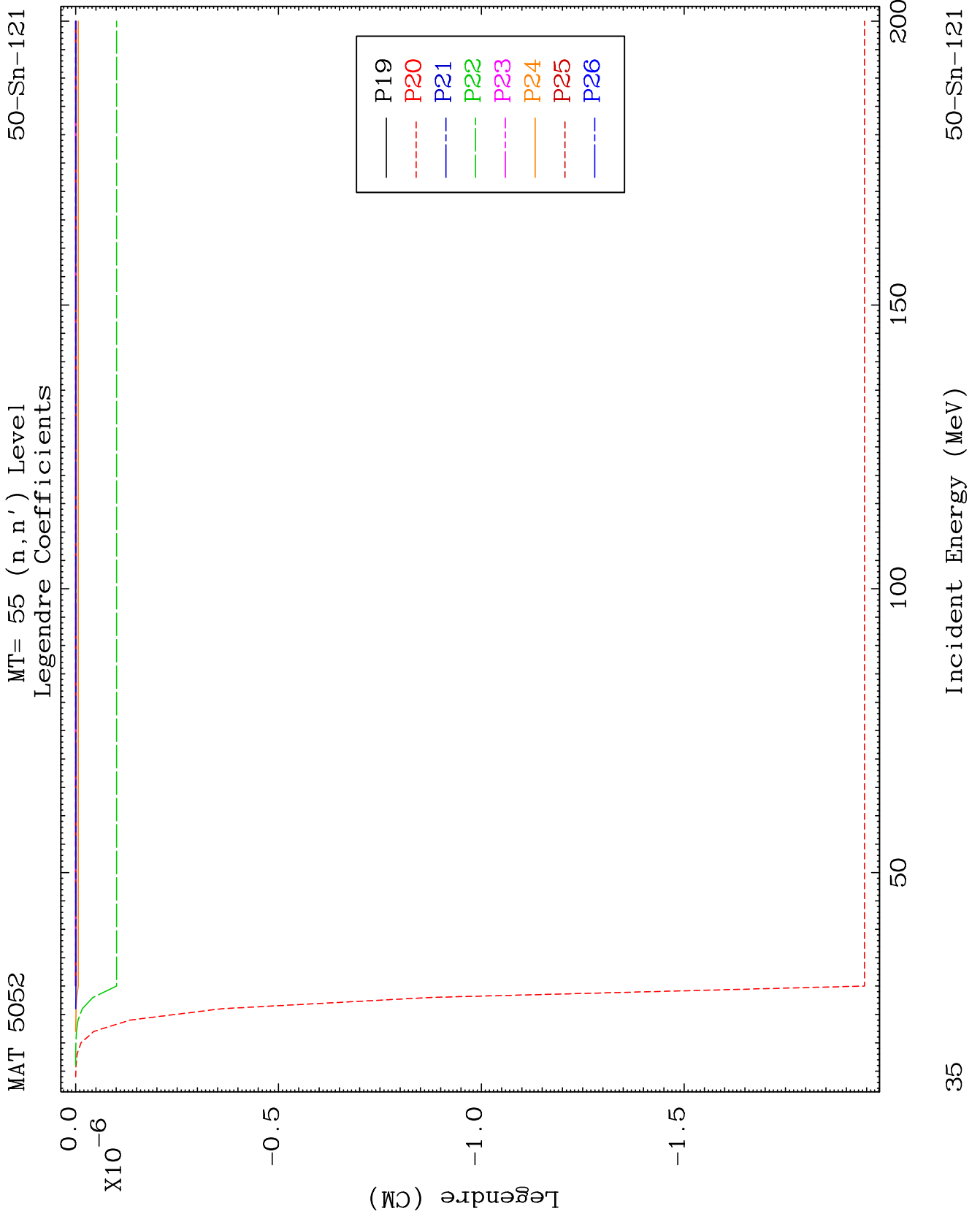


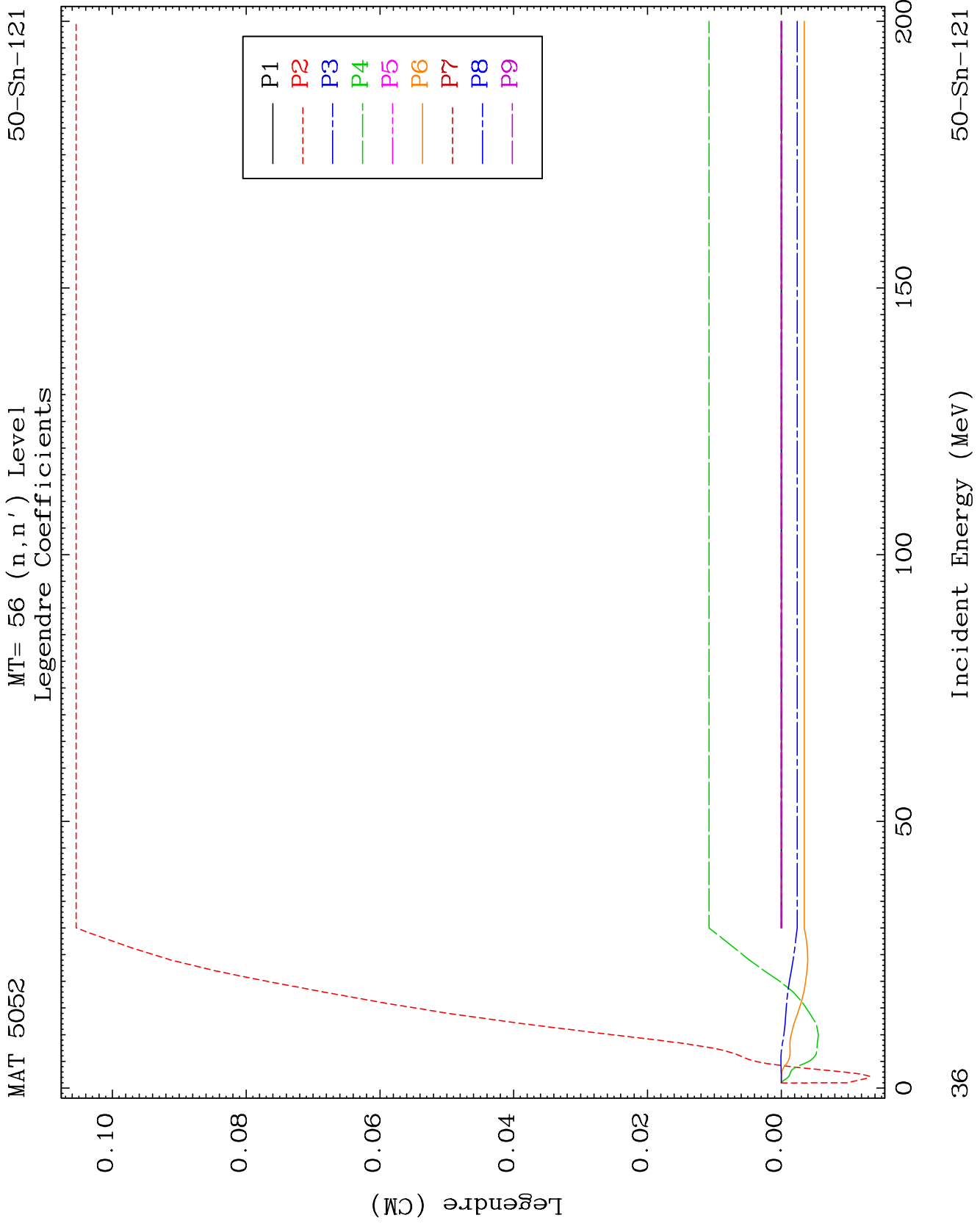








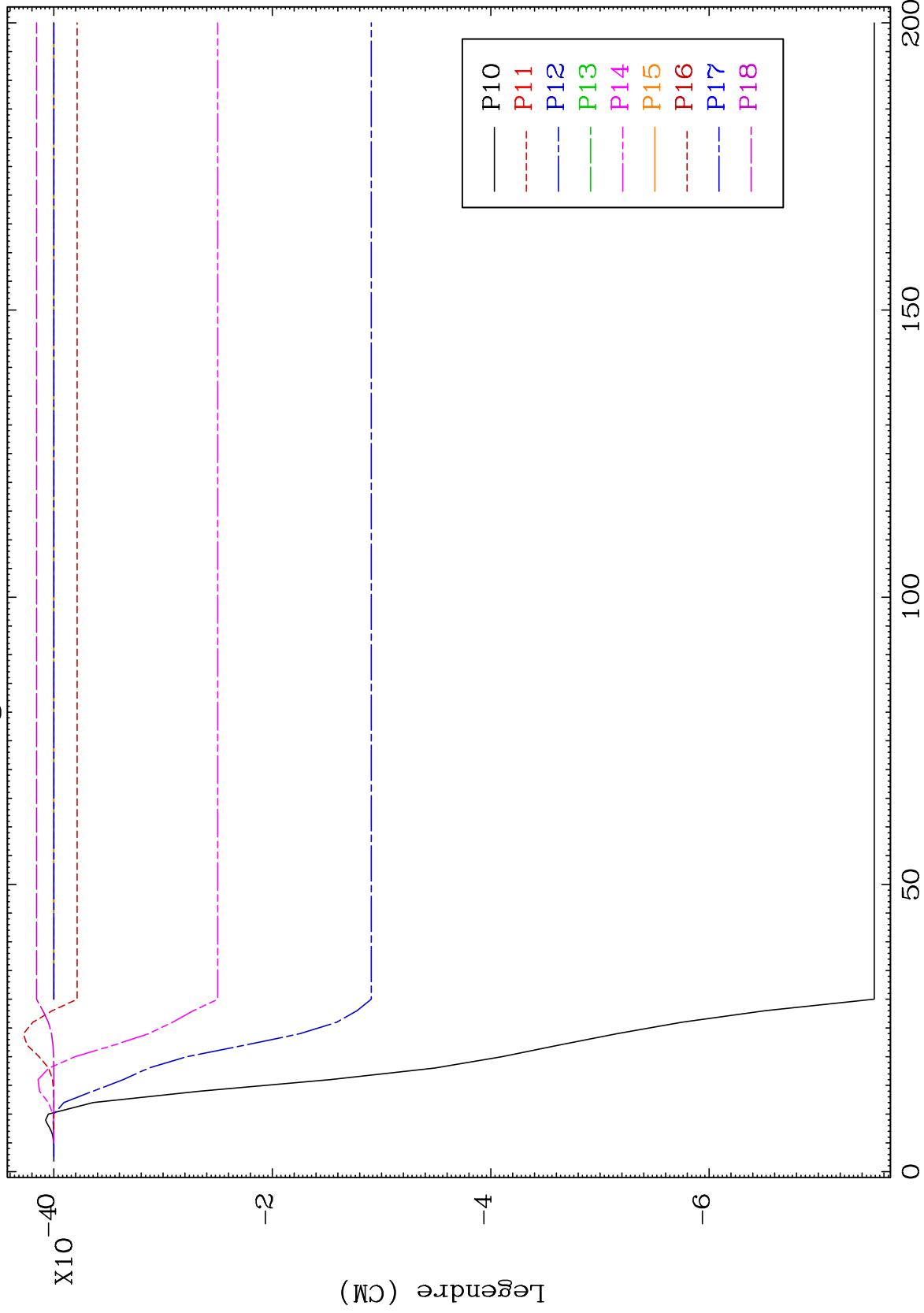




MAT 5052

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

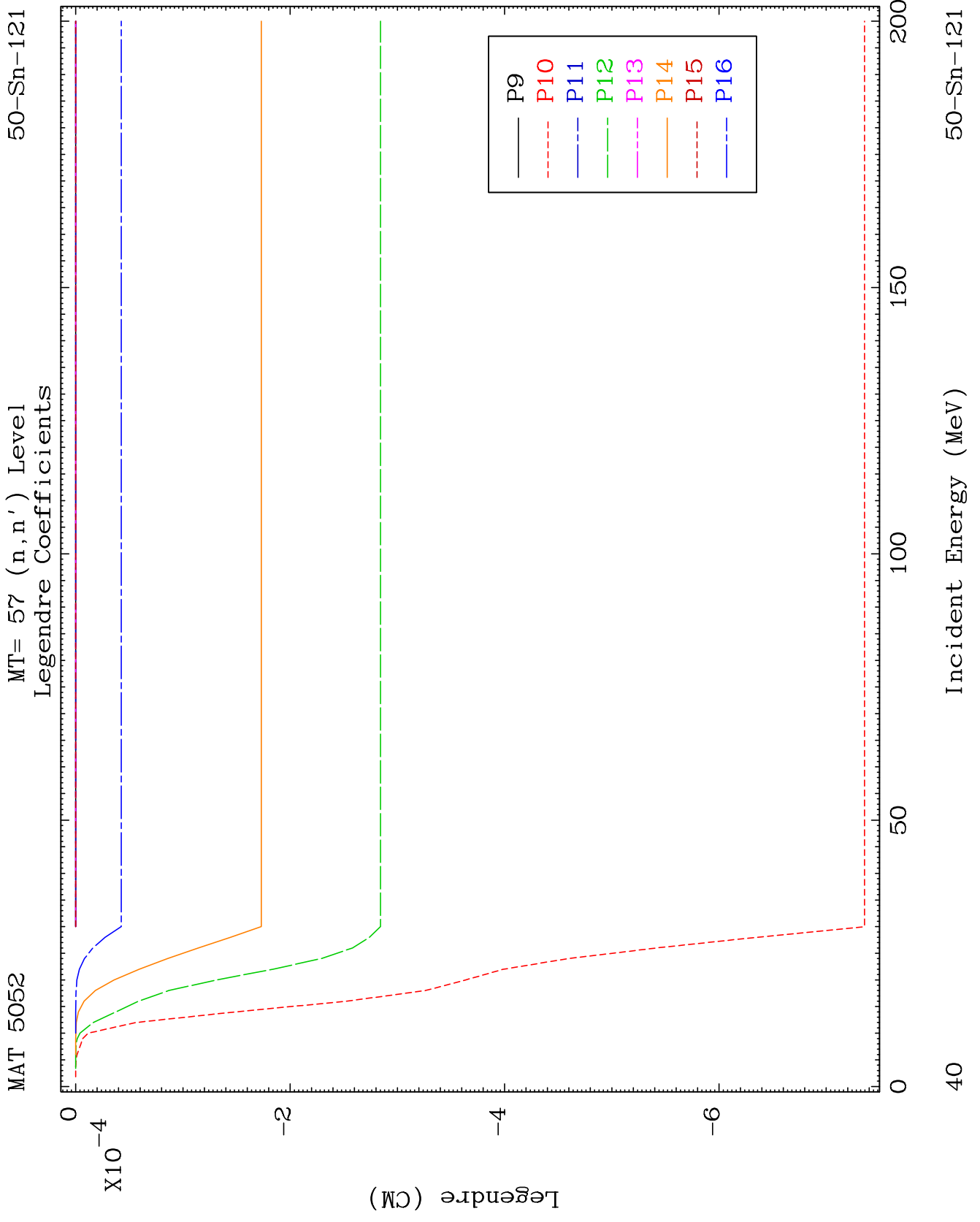
50-Sn-121

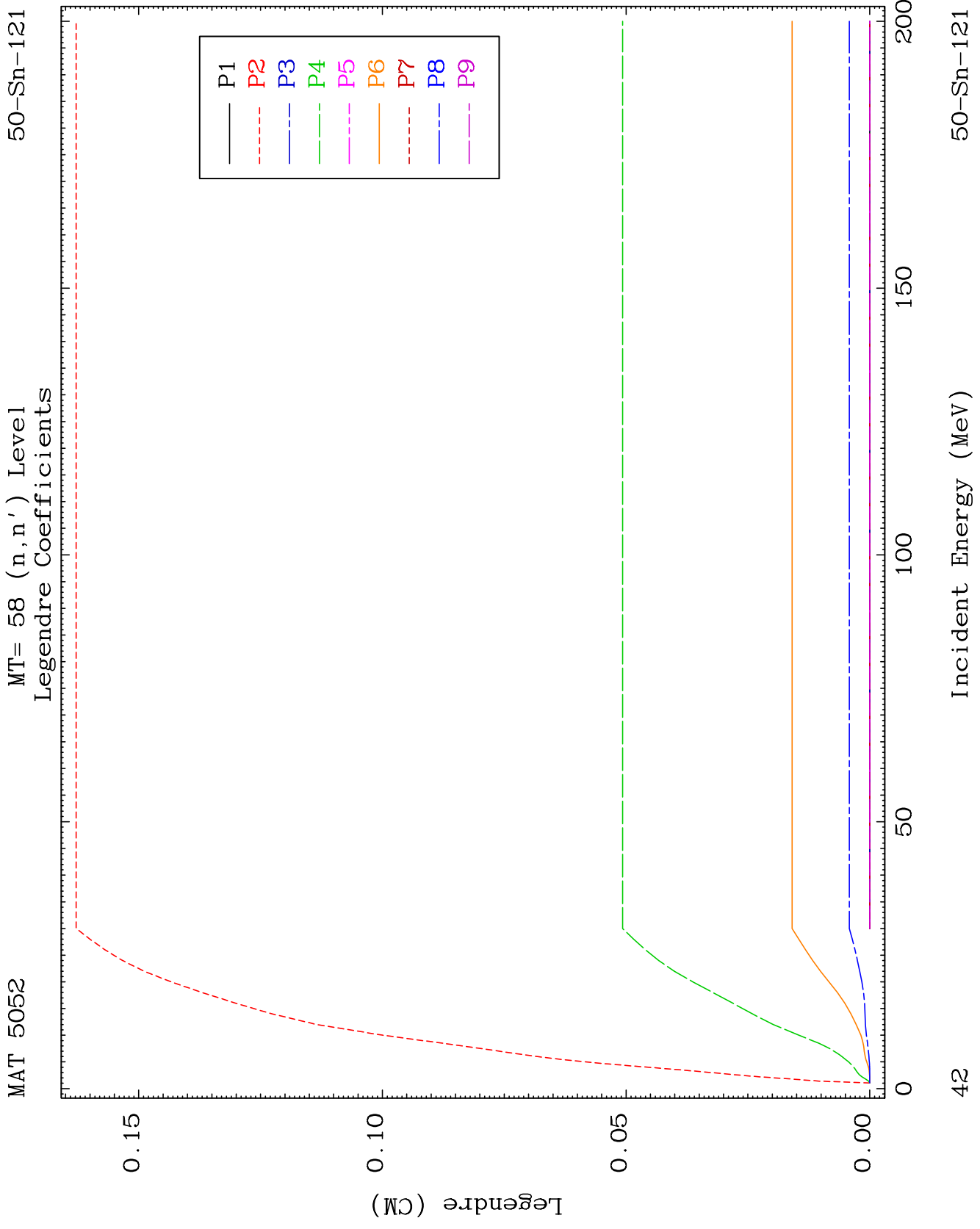


37

Incident Energy (MeV)

50-Sn-121

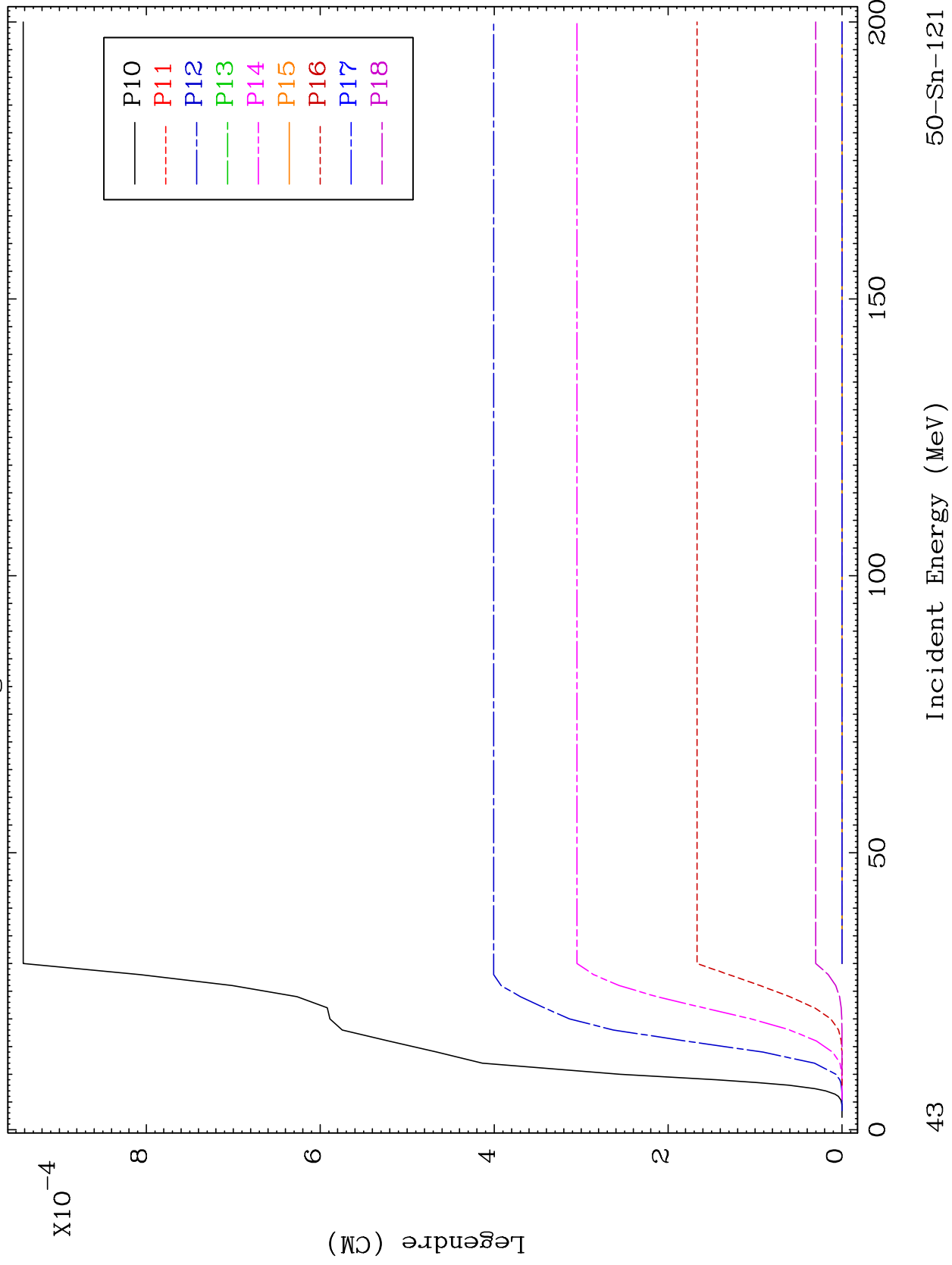




MAT 5052

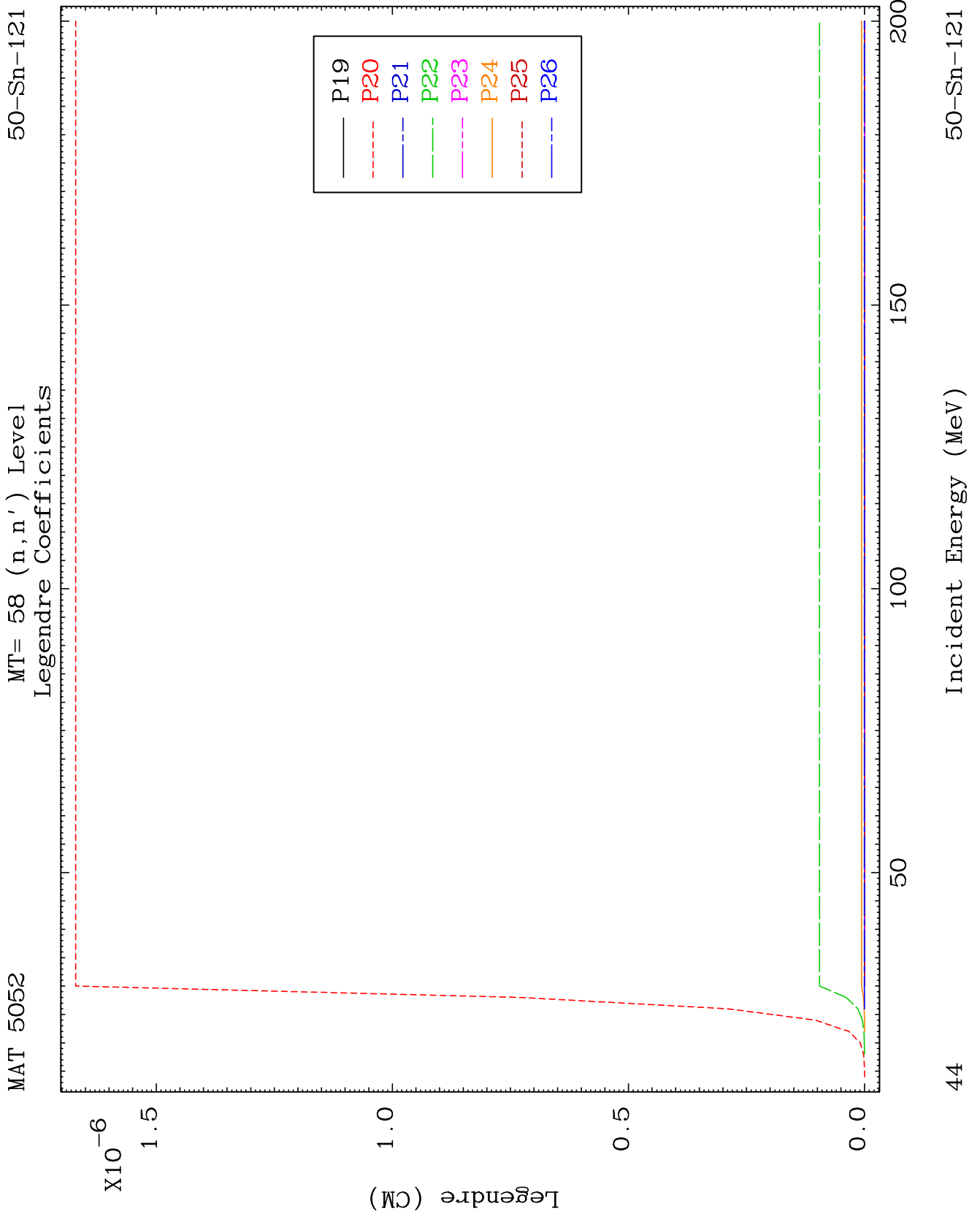
MT= 58 (n,n') Level
Legendre Coefficients

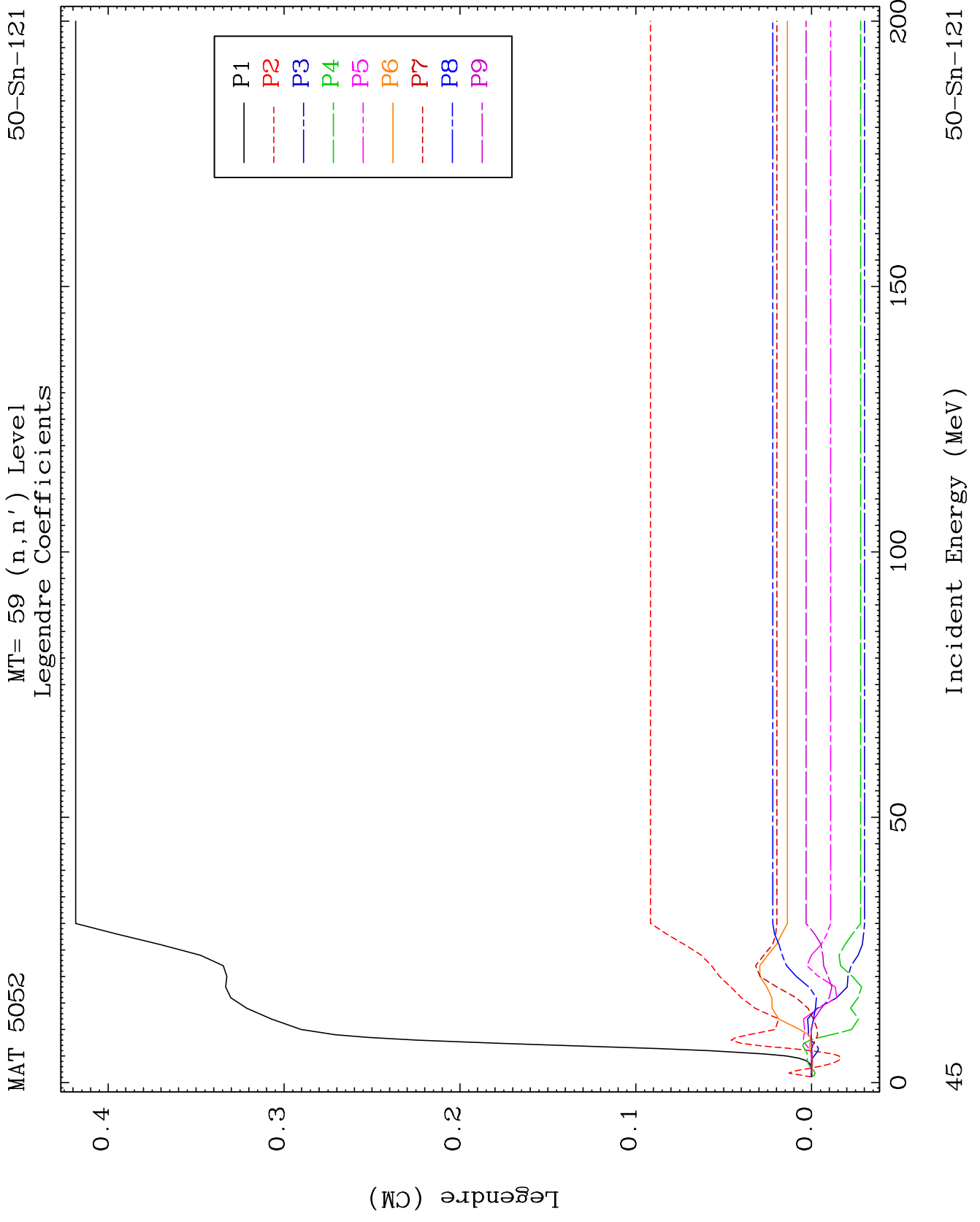
50-Sn-121

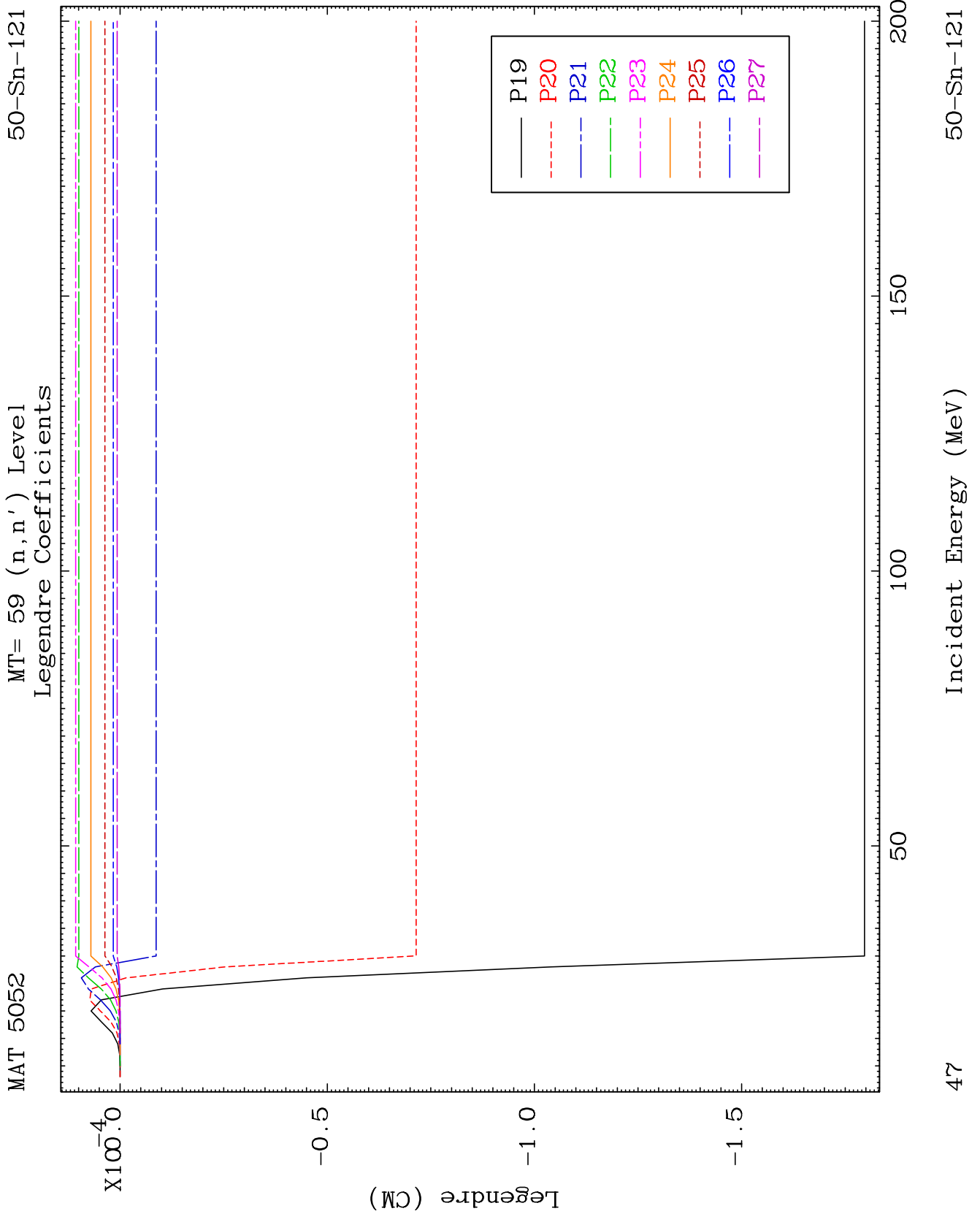


43

50-Sn-121



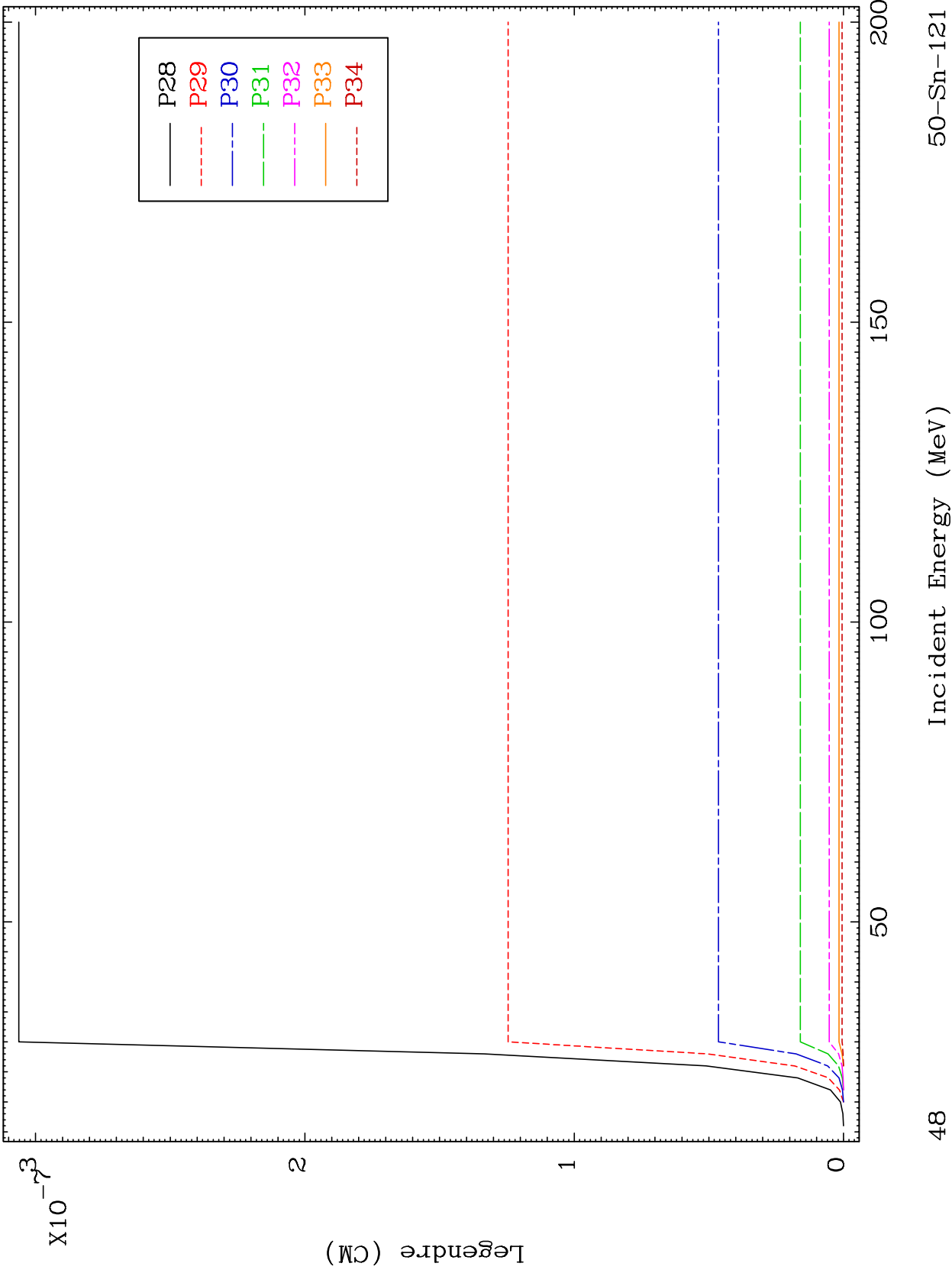


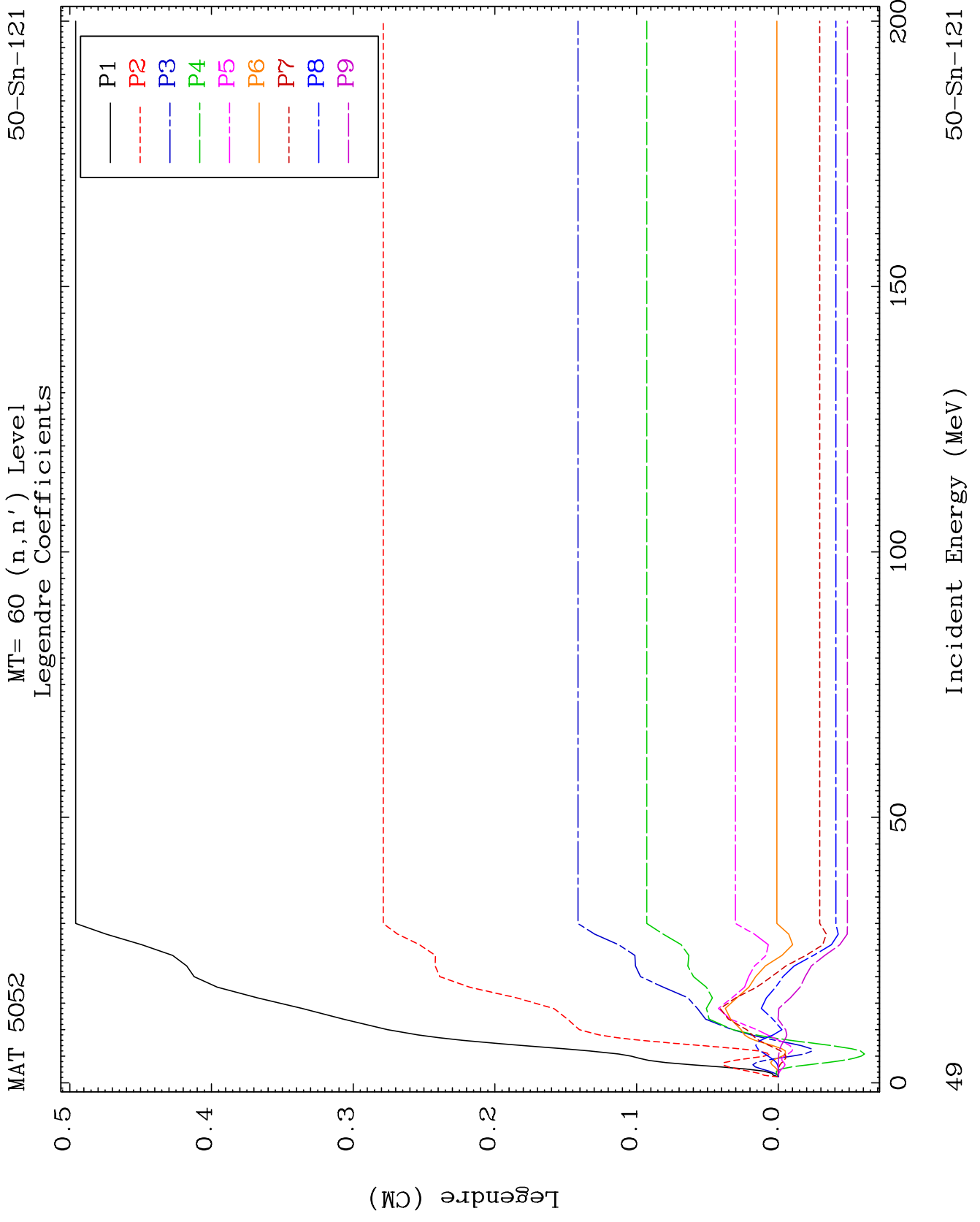


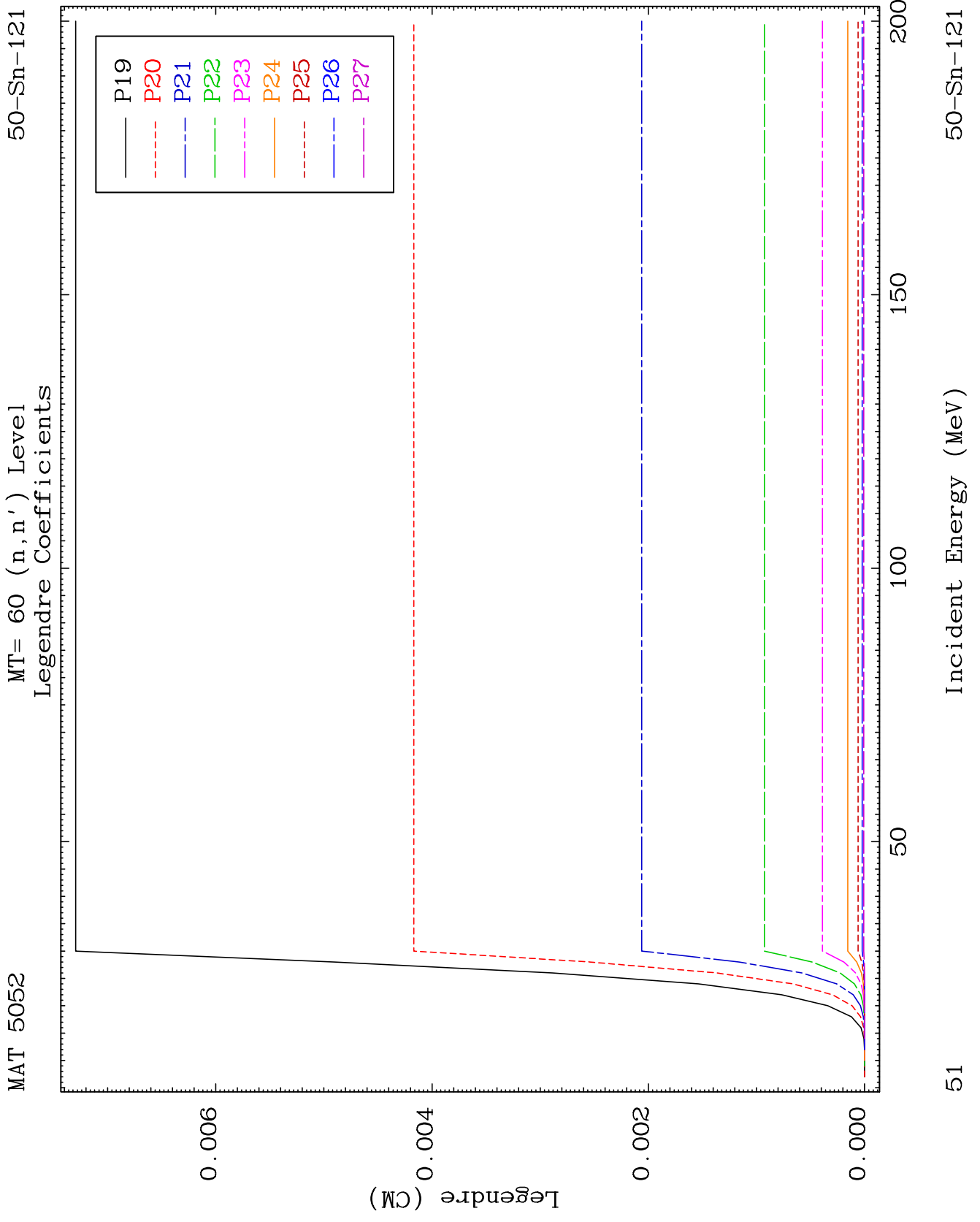
MAT 5052

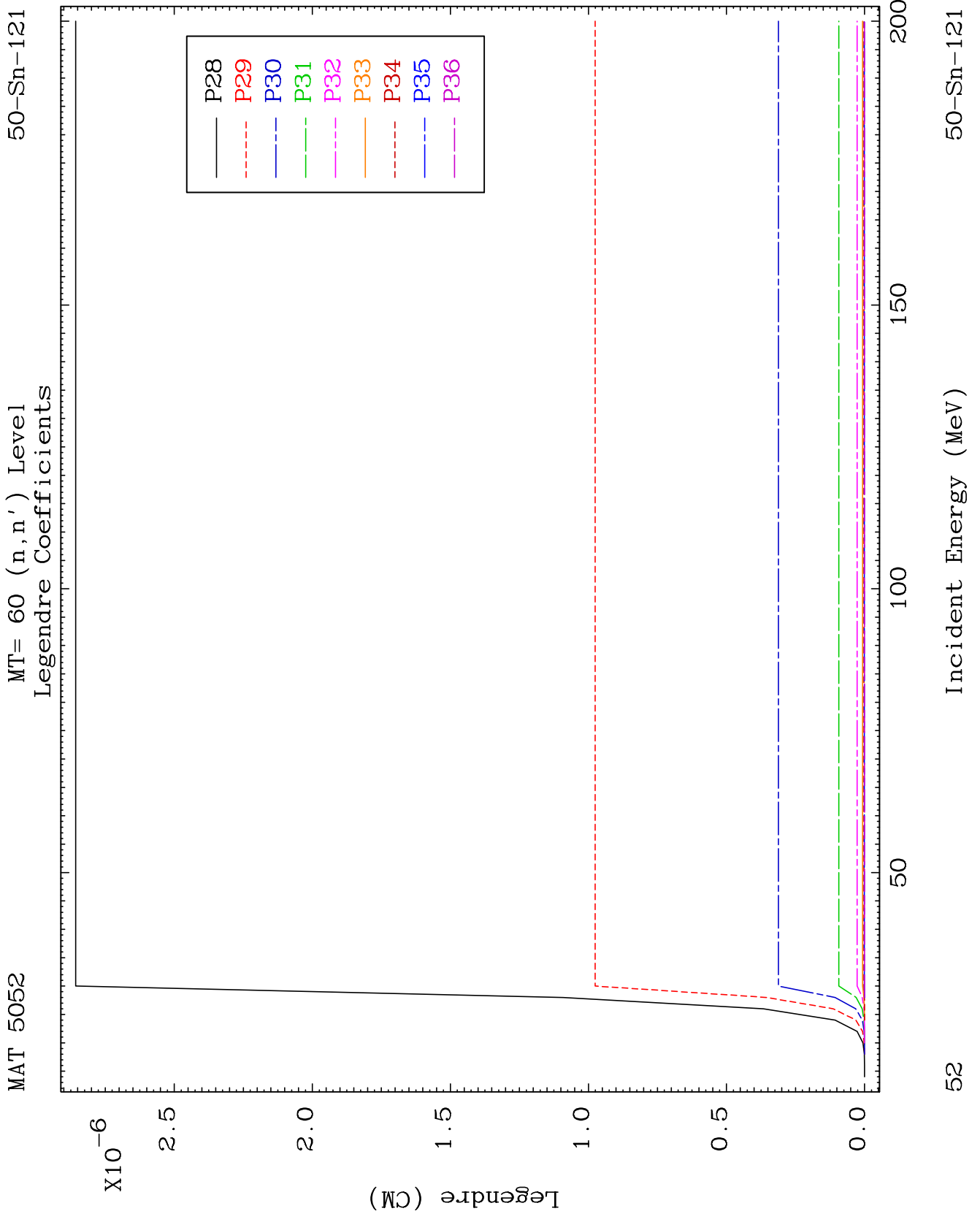
MT= 59 (n,n') Level
Legendre Coefficients

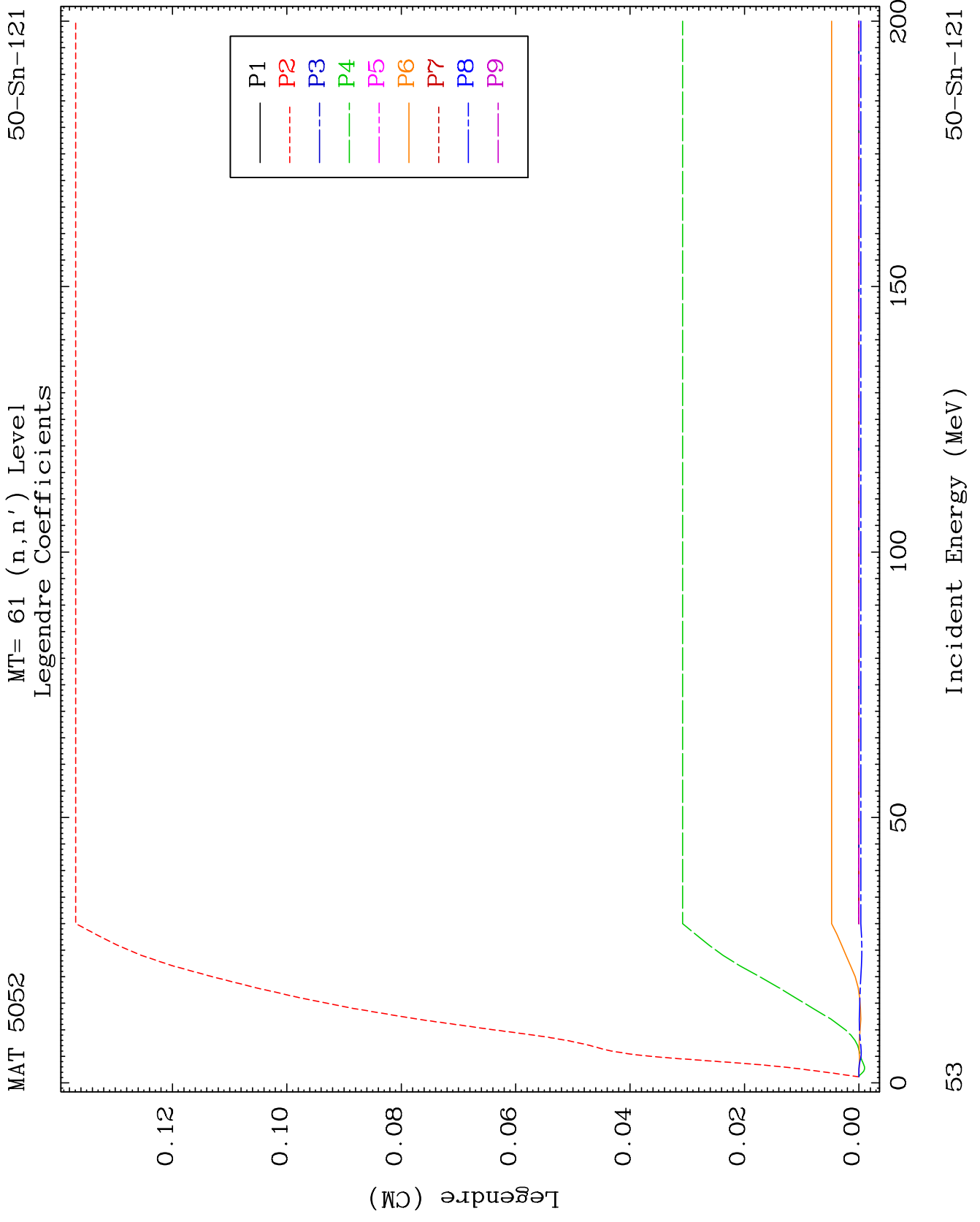
50-Sn-121

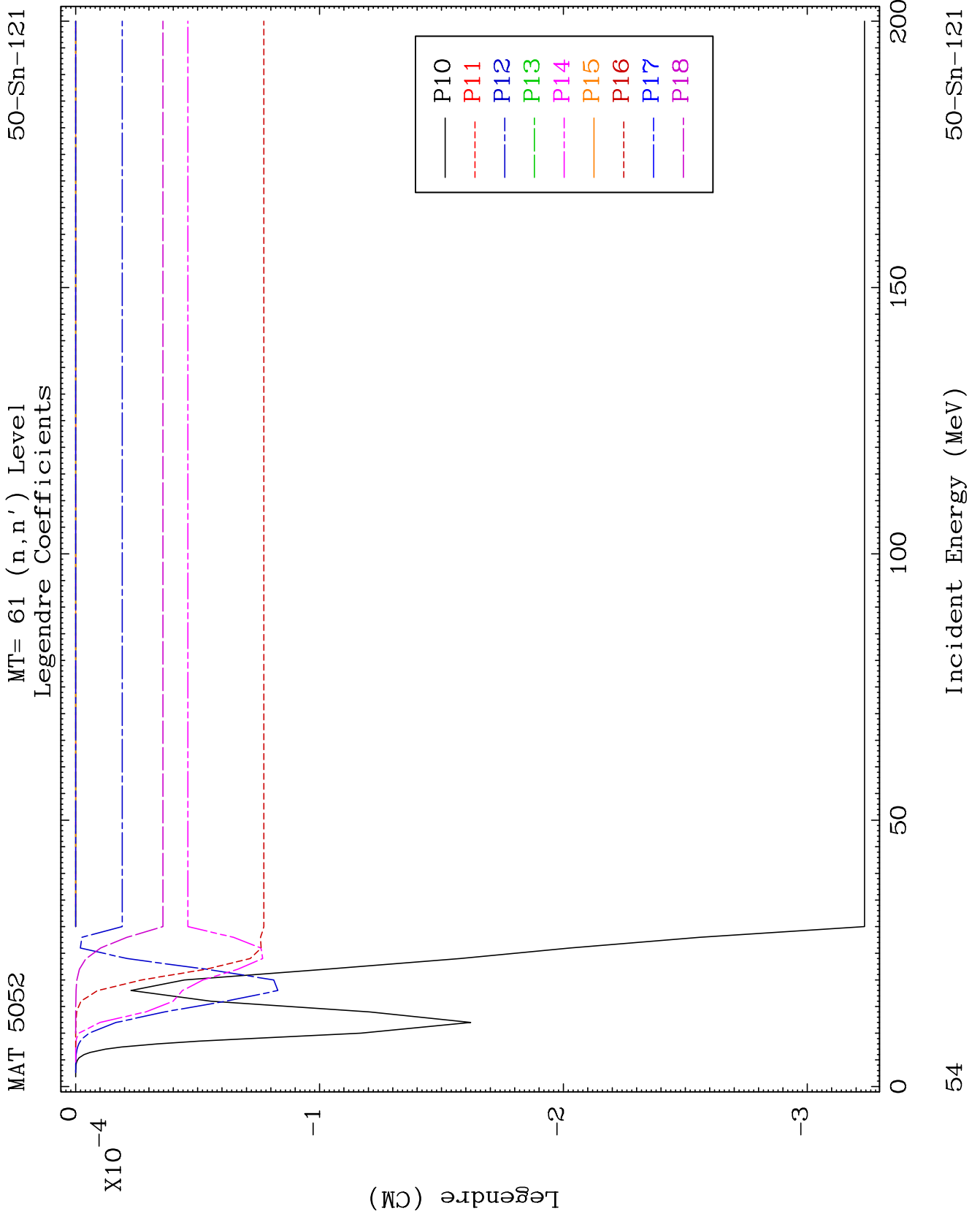


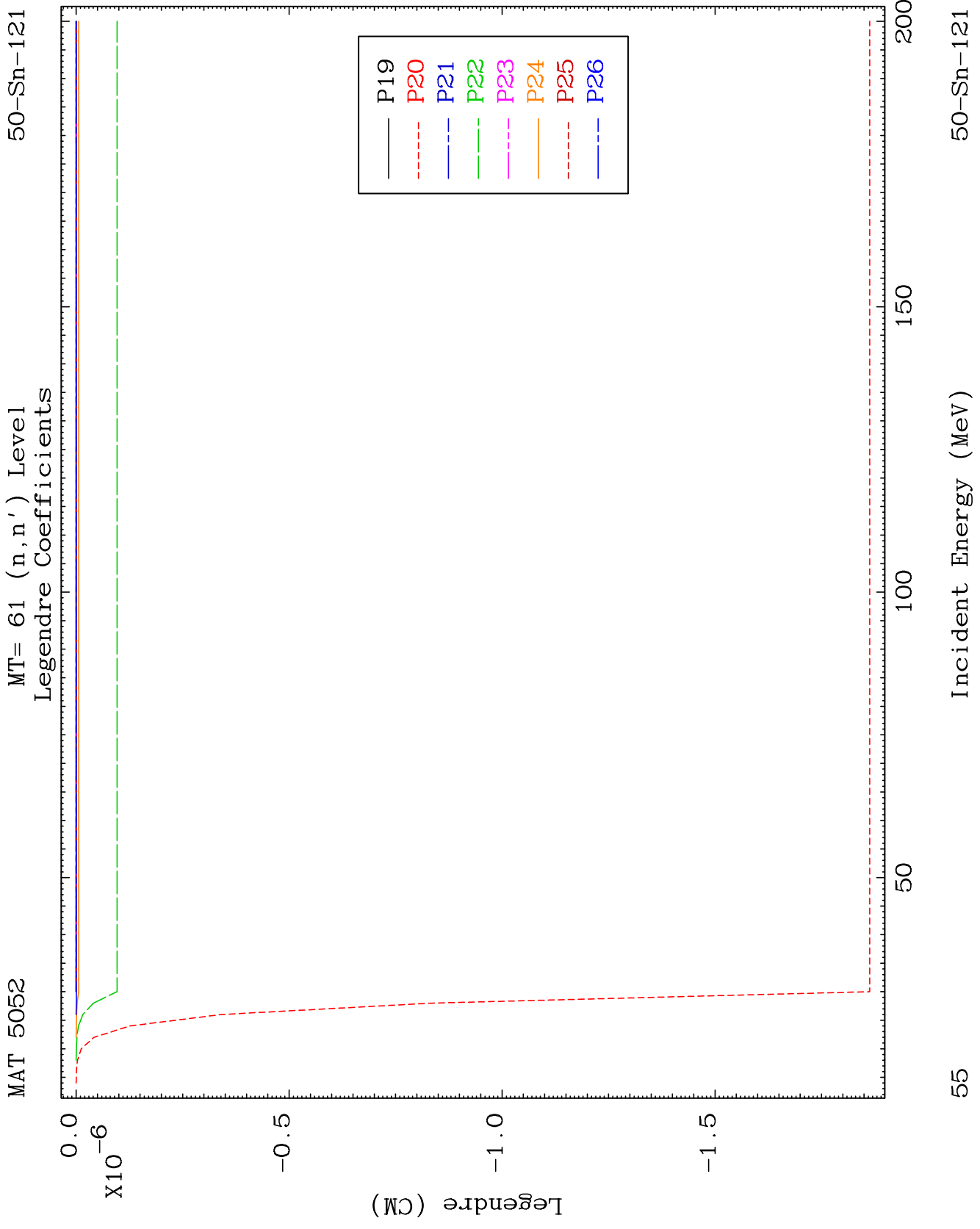








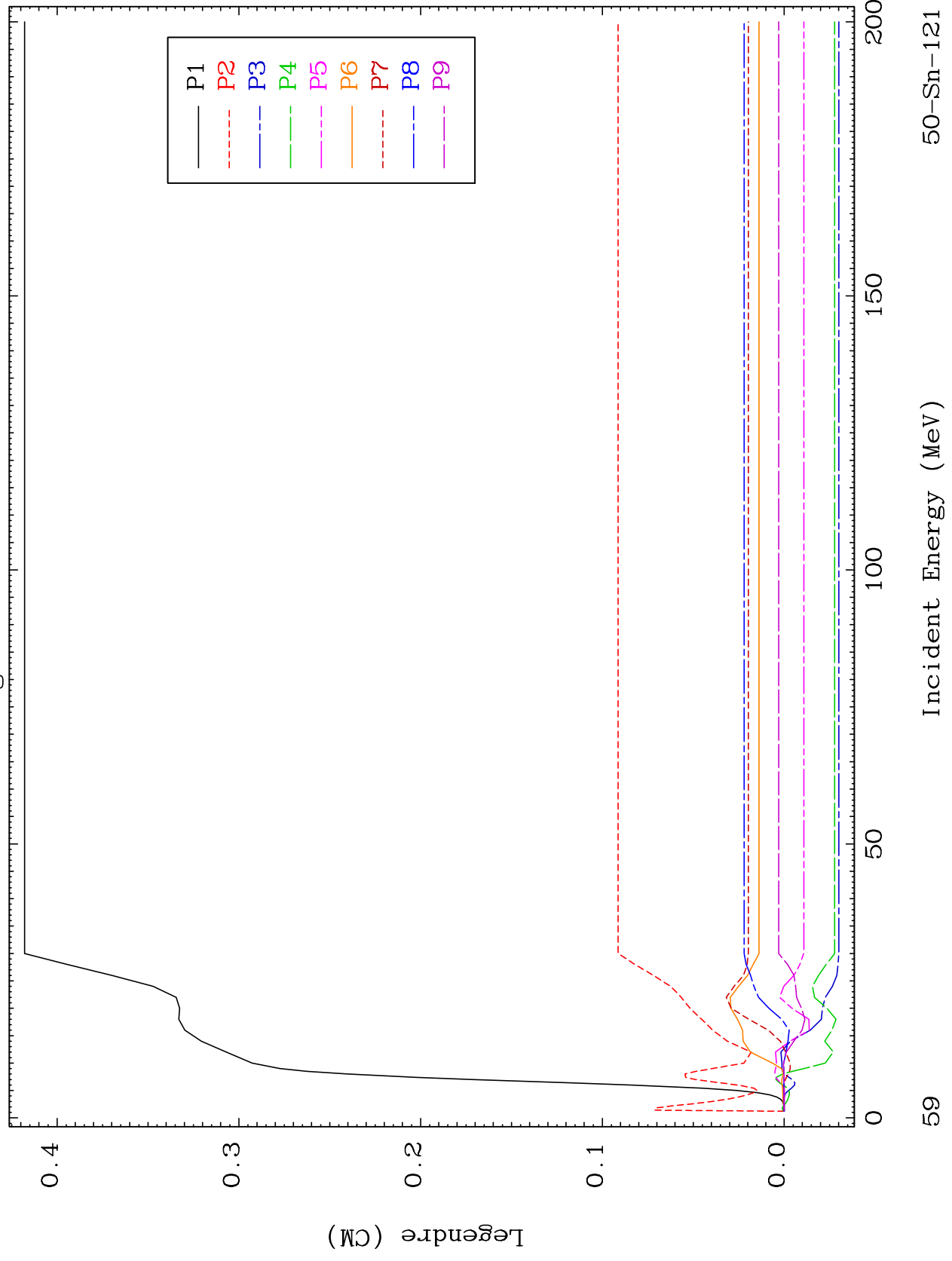




MAT 5052

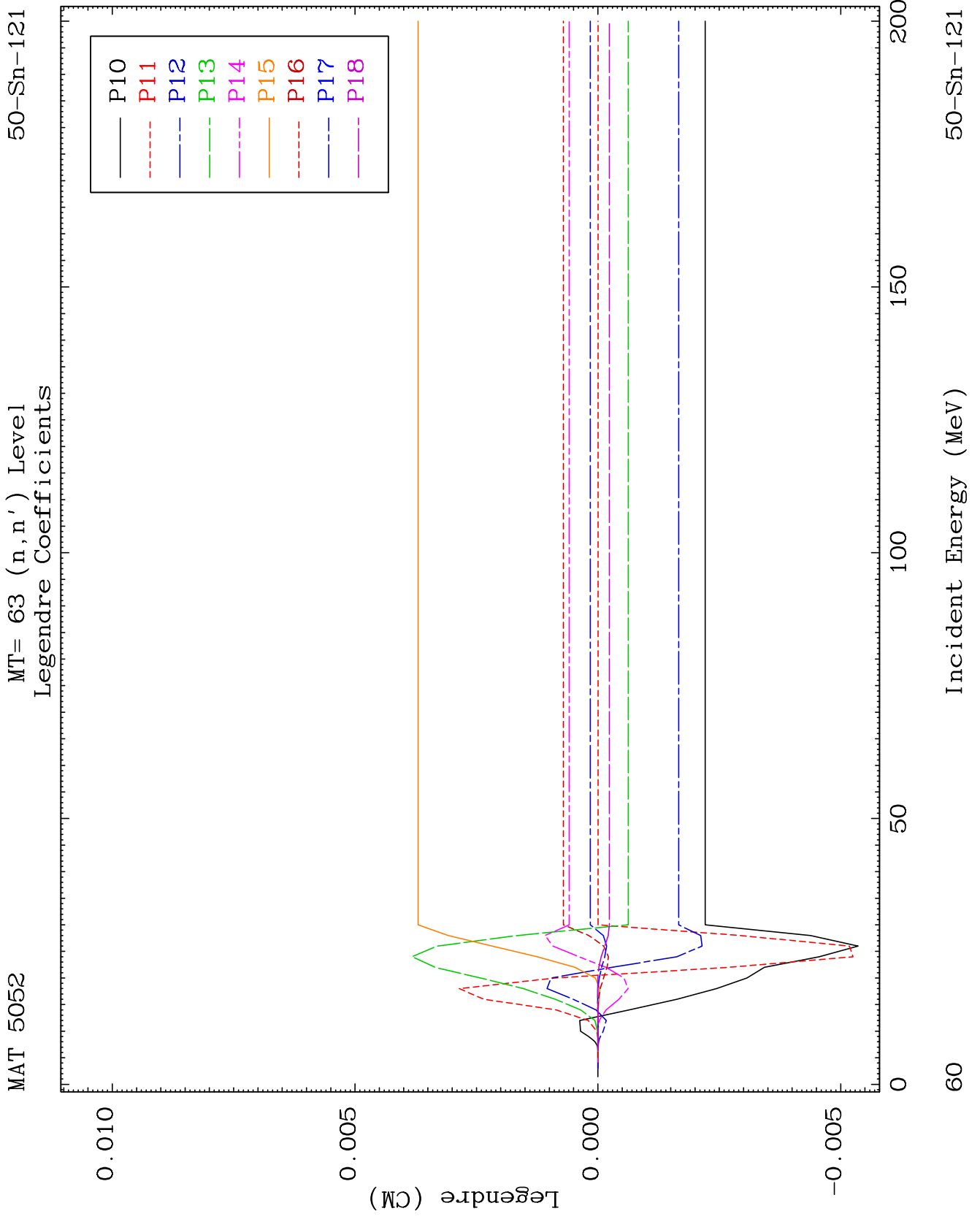
MT= 63 (n,n') Level
Legendre Coefficients

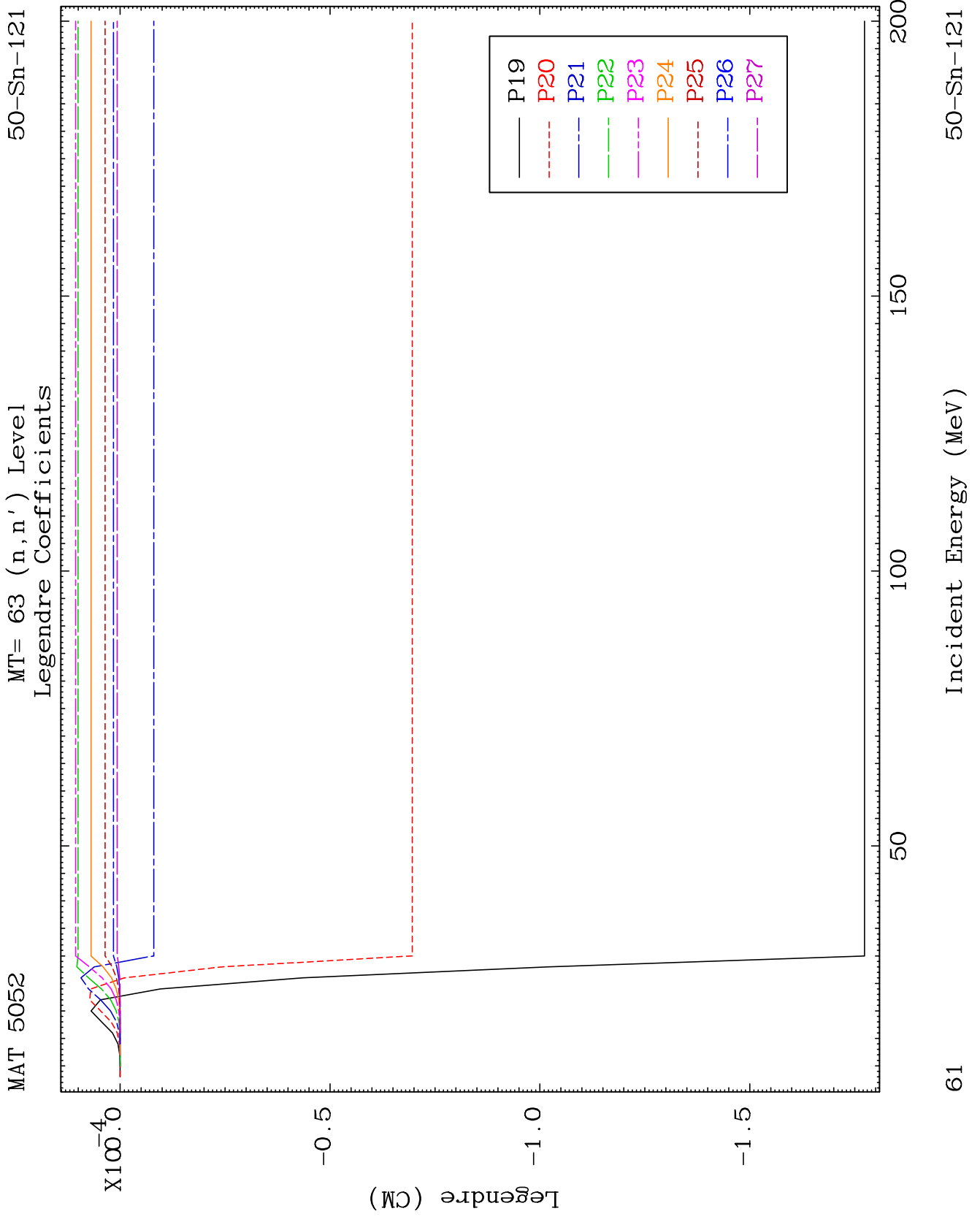
50-Sn-121



59

50-Sn-121

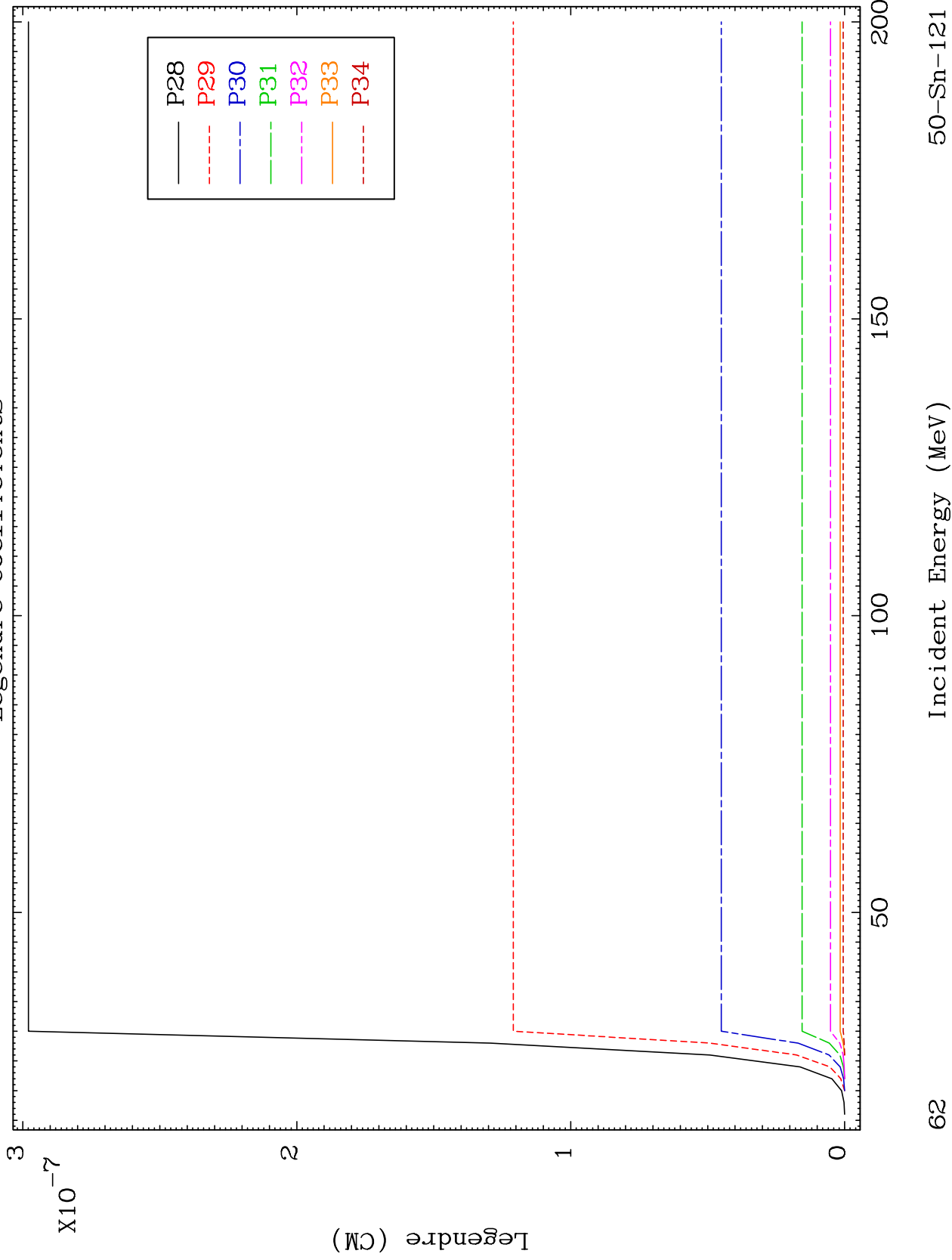




MAT 5052

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

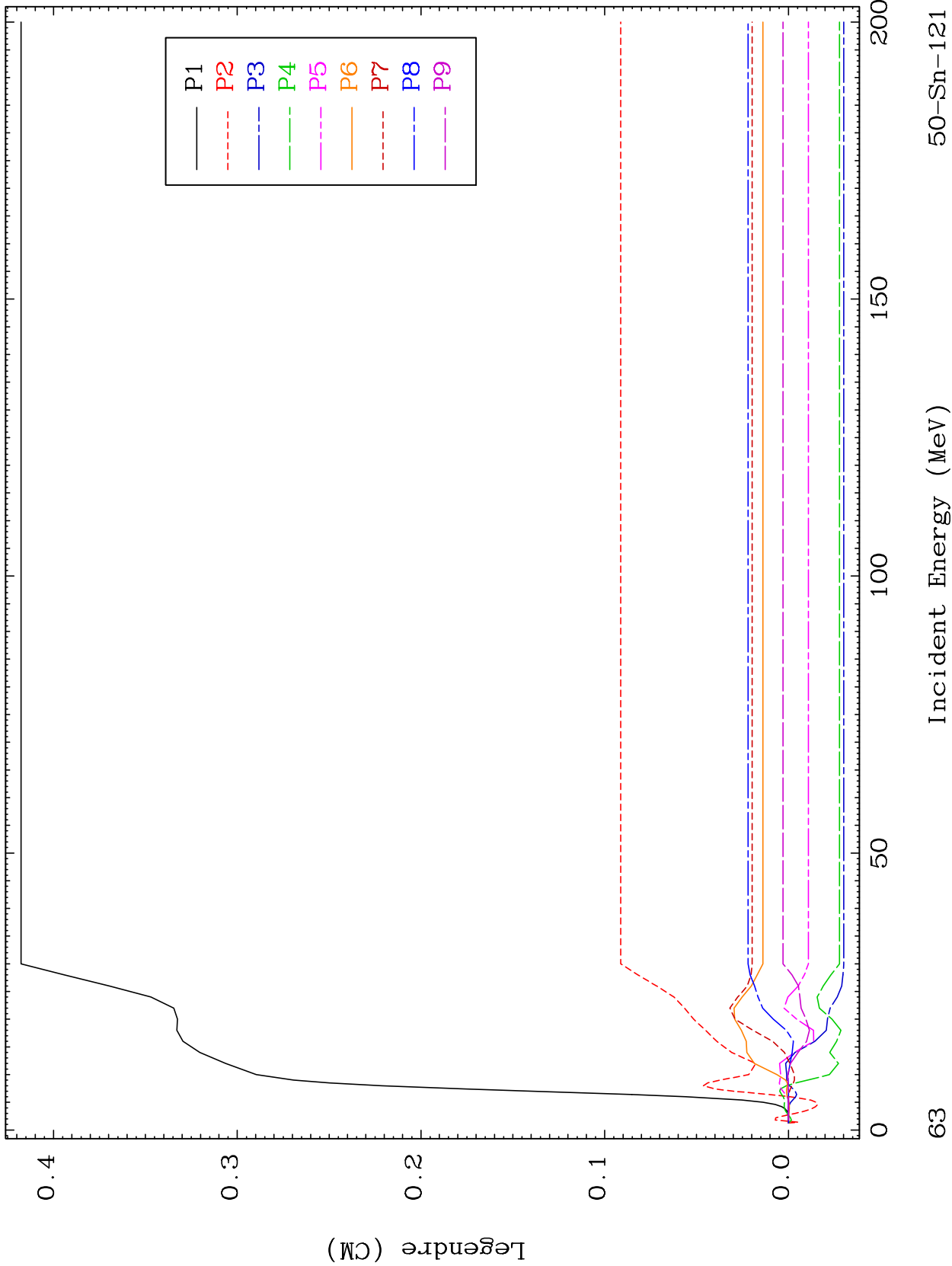
50-Sn-121



MAT 5052

MT= 64 (n,n') Level
Legendre Coefficients

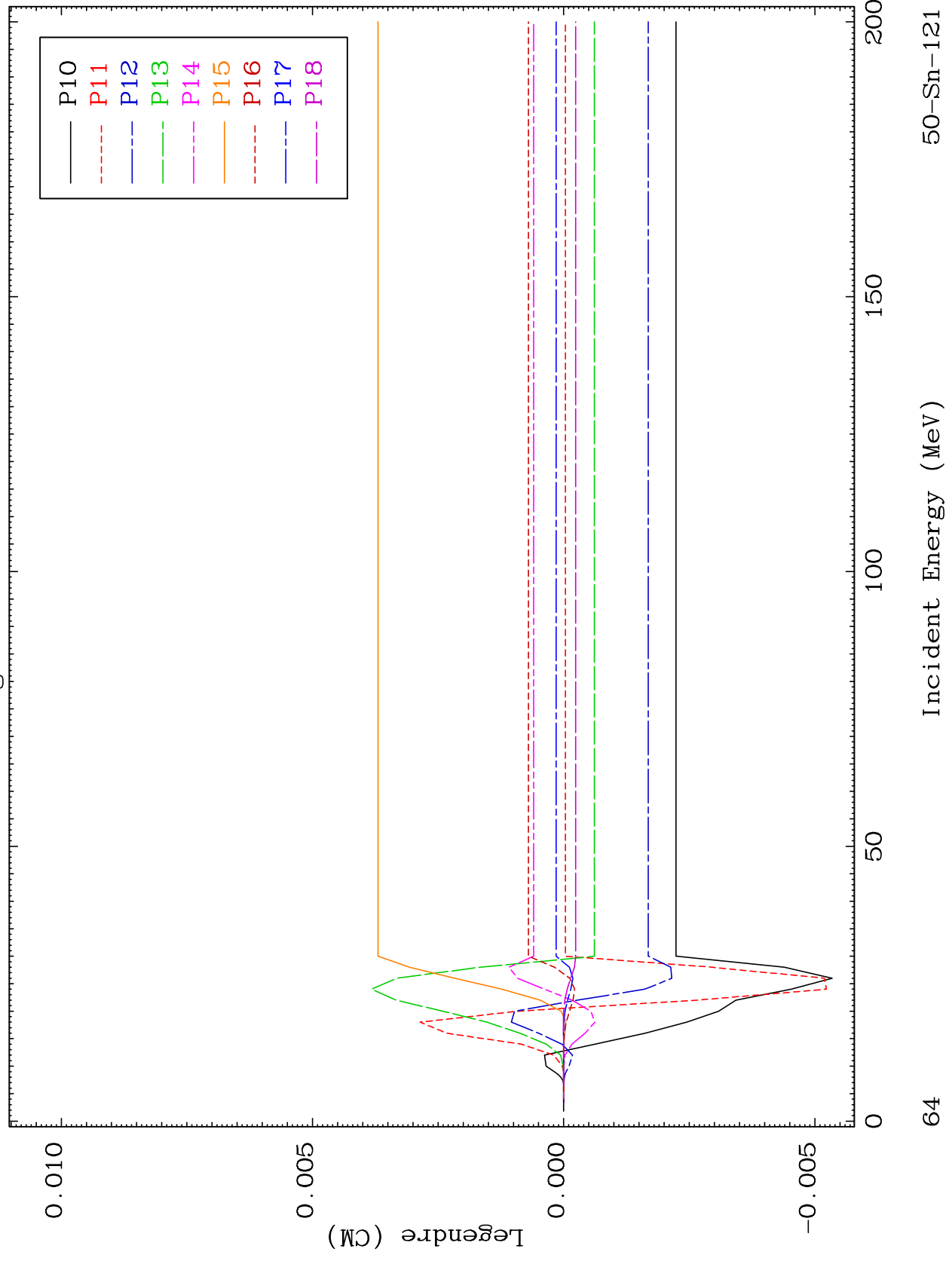
50-Sn-121



MAT 5052

MT= 64 (n,n') Level
Legendre Coefficients

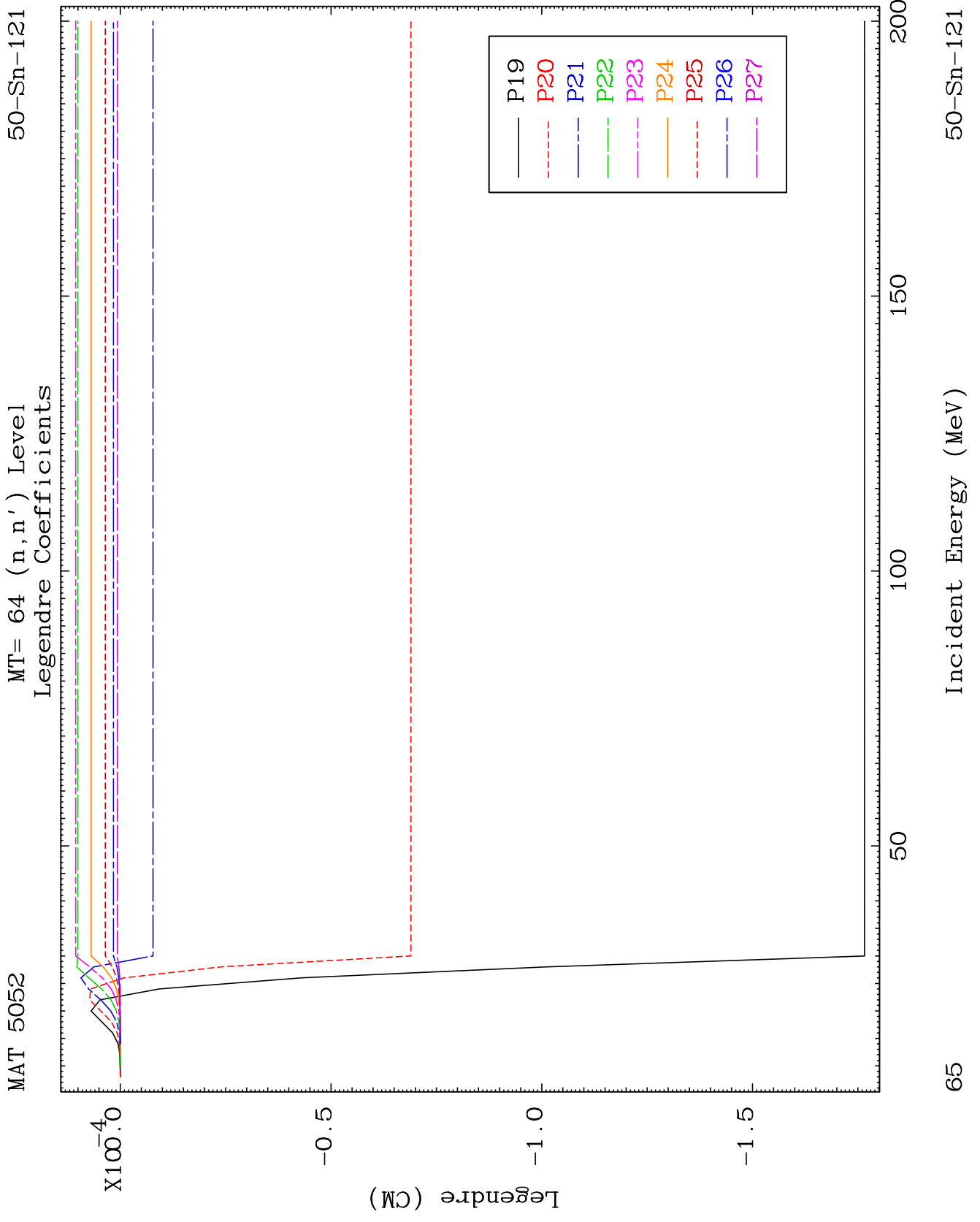
50-Sn-121



64

Incident Energy (MeV)

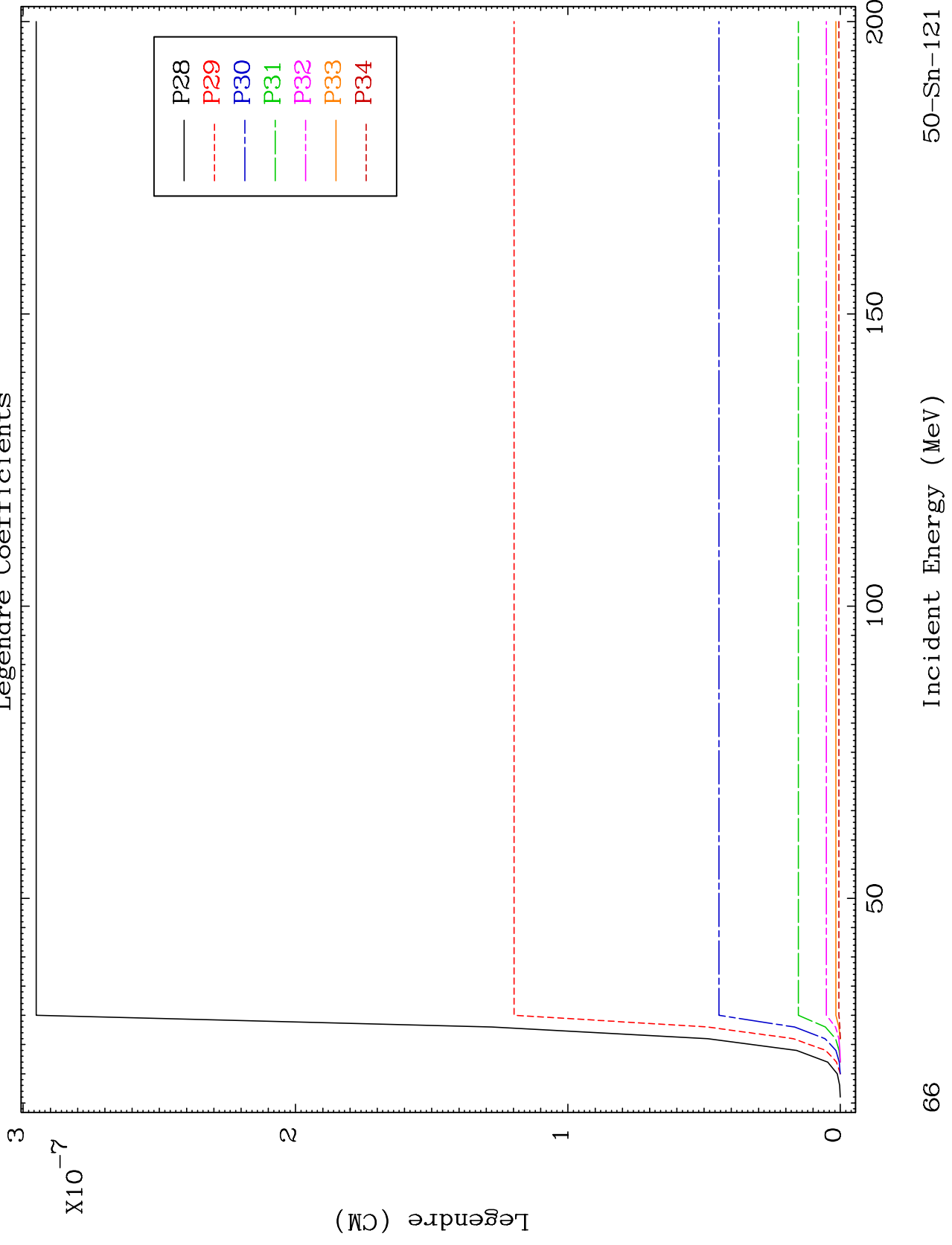
50-Sn-121

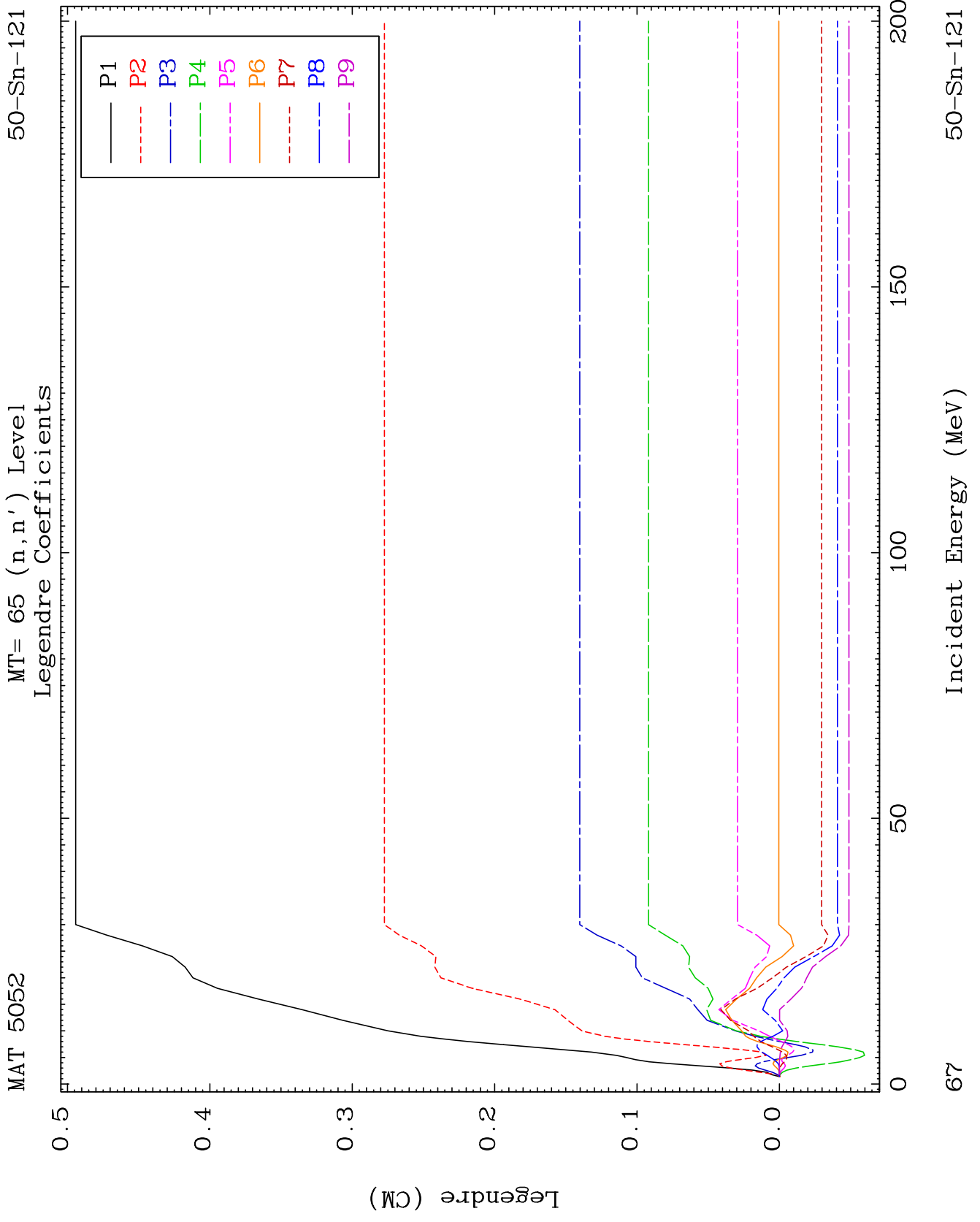


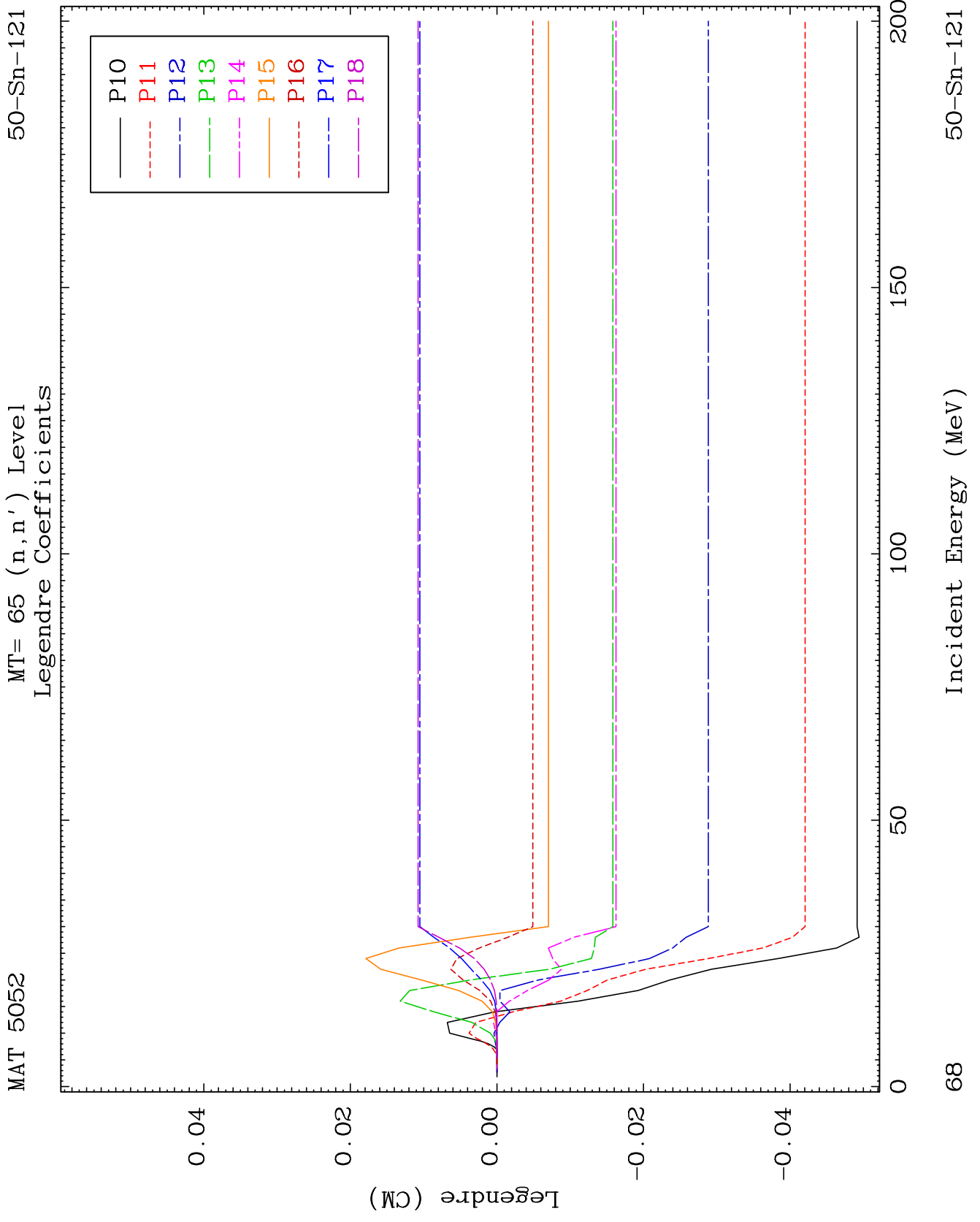
MAT 5052

MT= 64 (n,n') Level
Legendre Coefficients

50-Sn-121



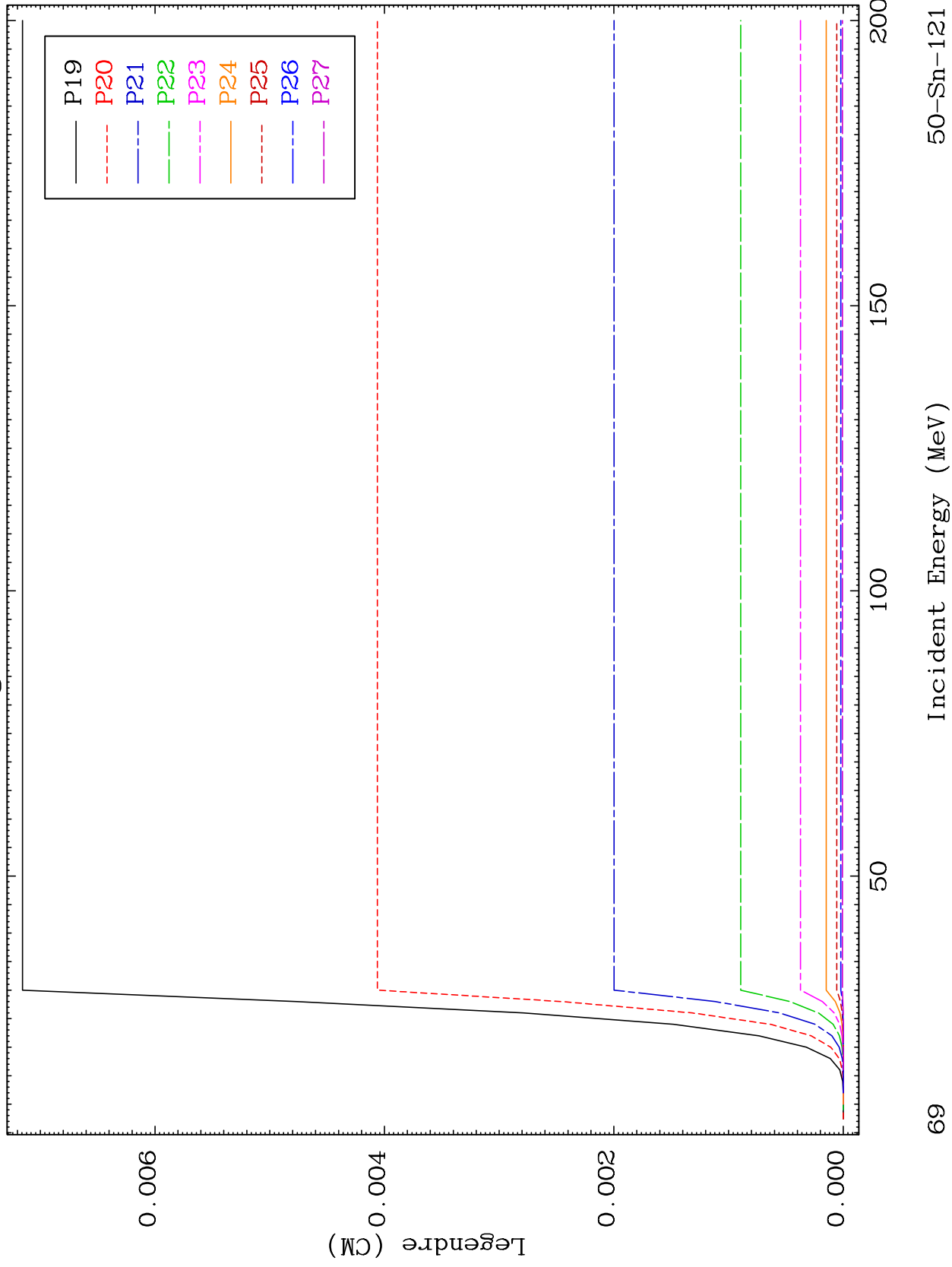




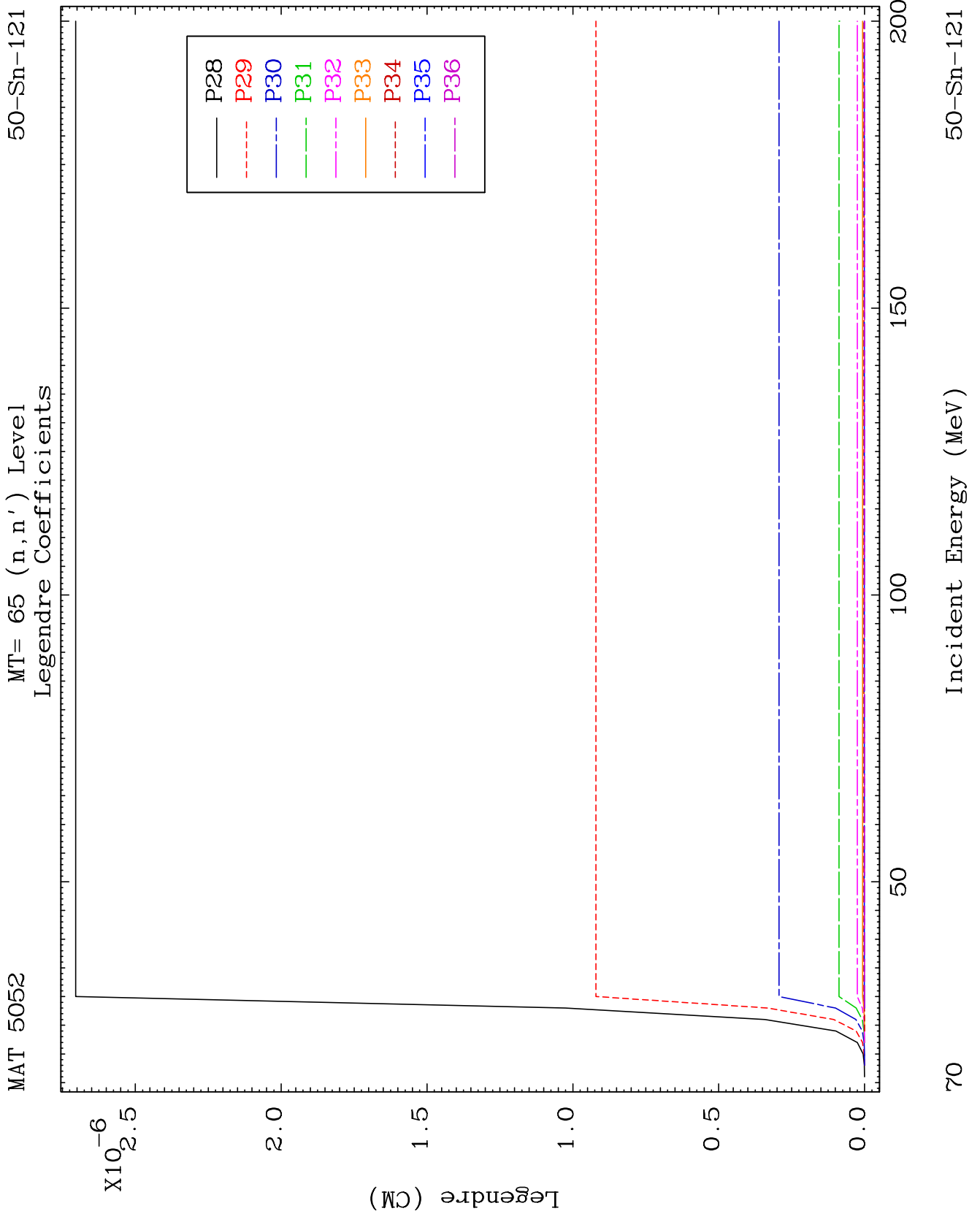
MAT 5052

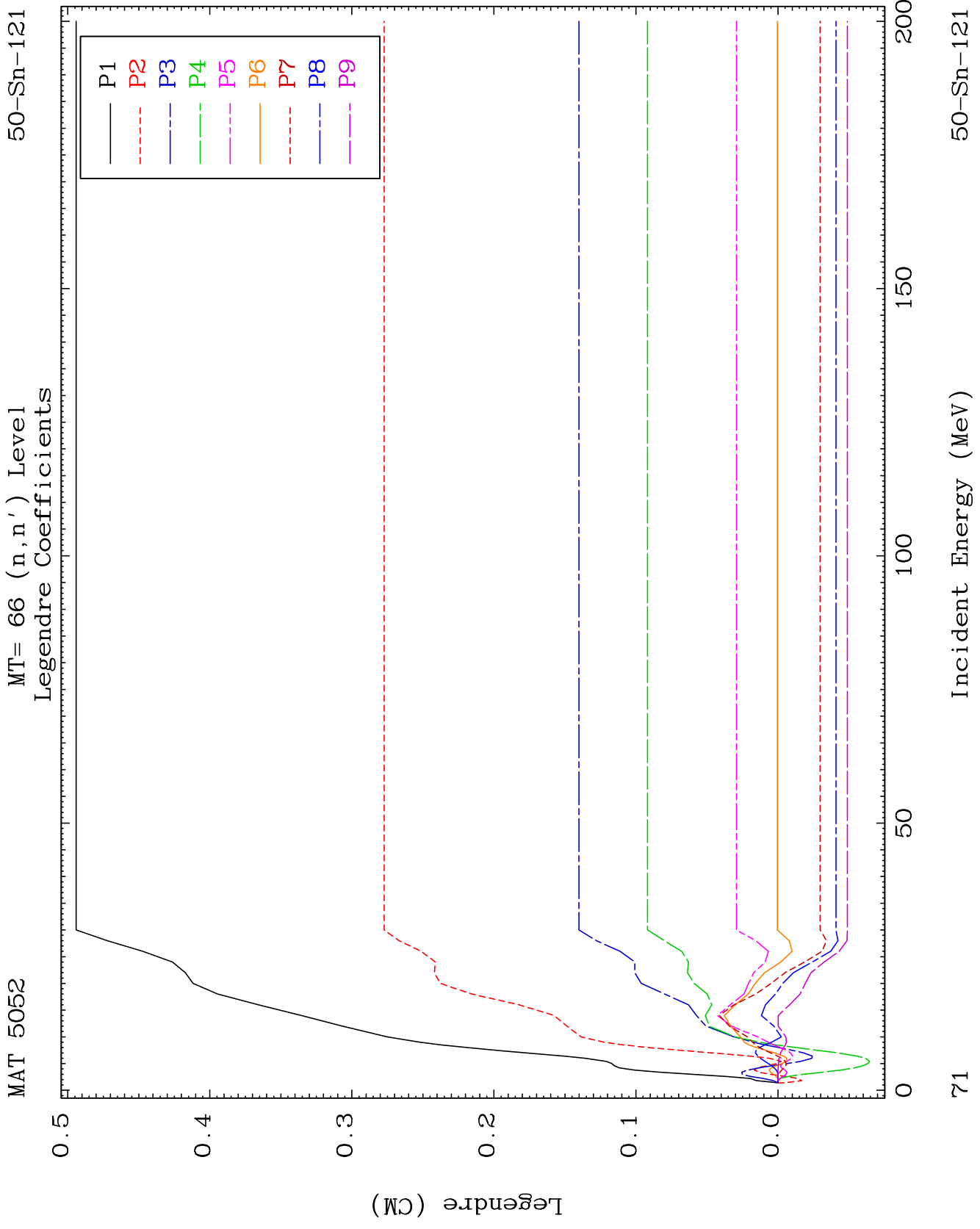
MT= 65 (n,n') Level
Legendre Coefficients

50-Sn-121



69

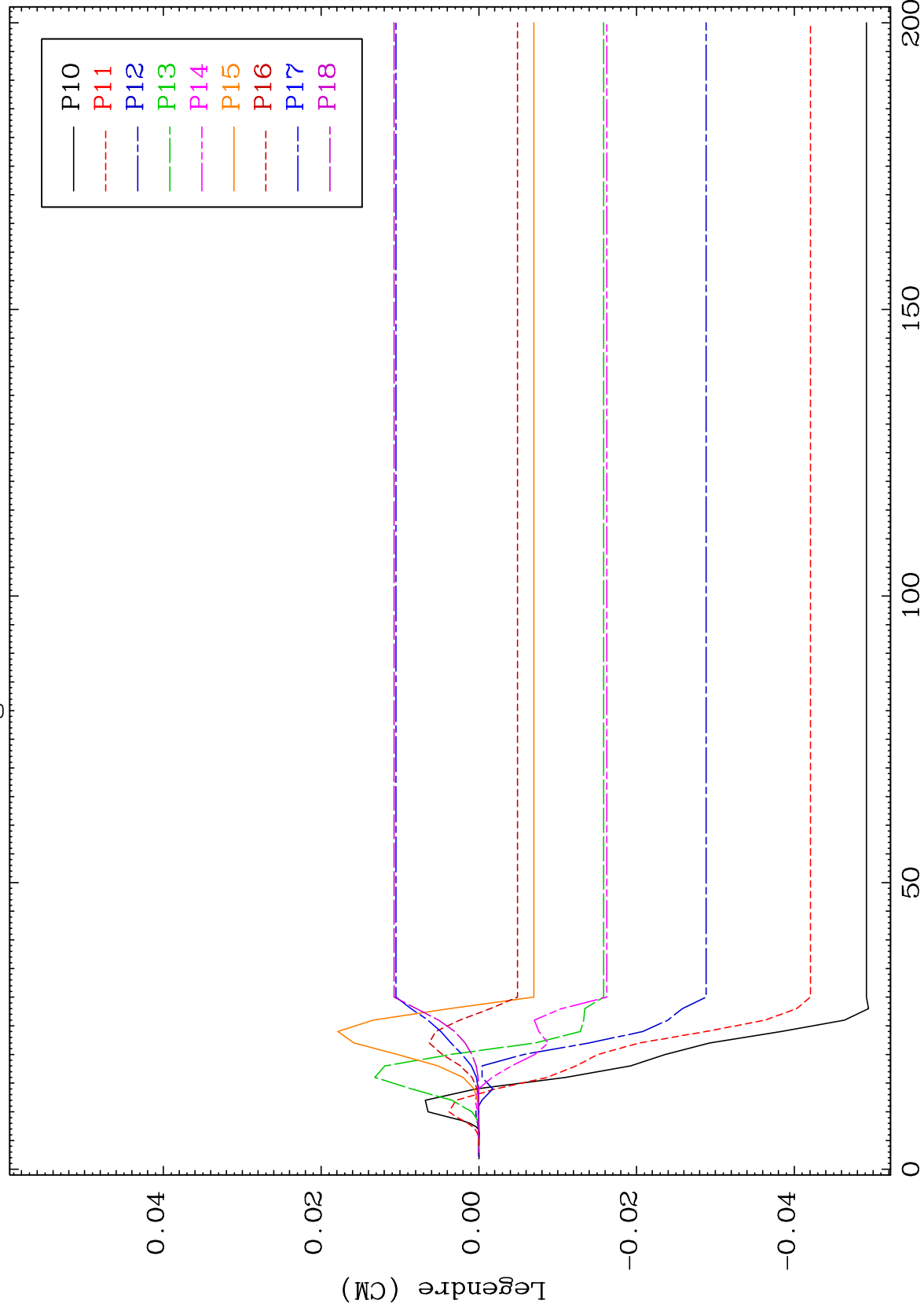




MAT 5052

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

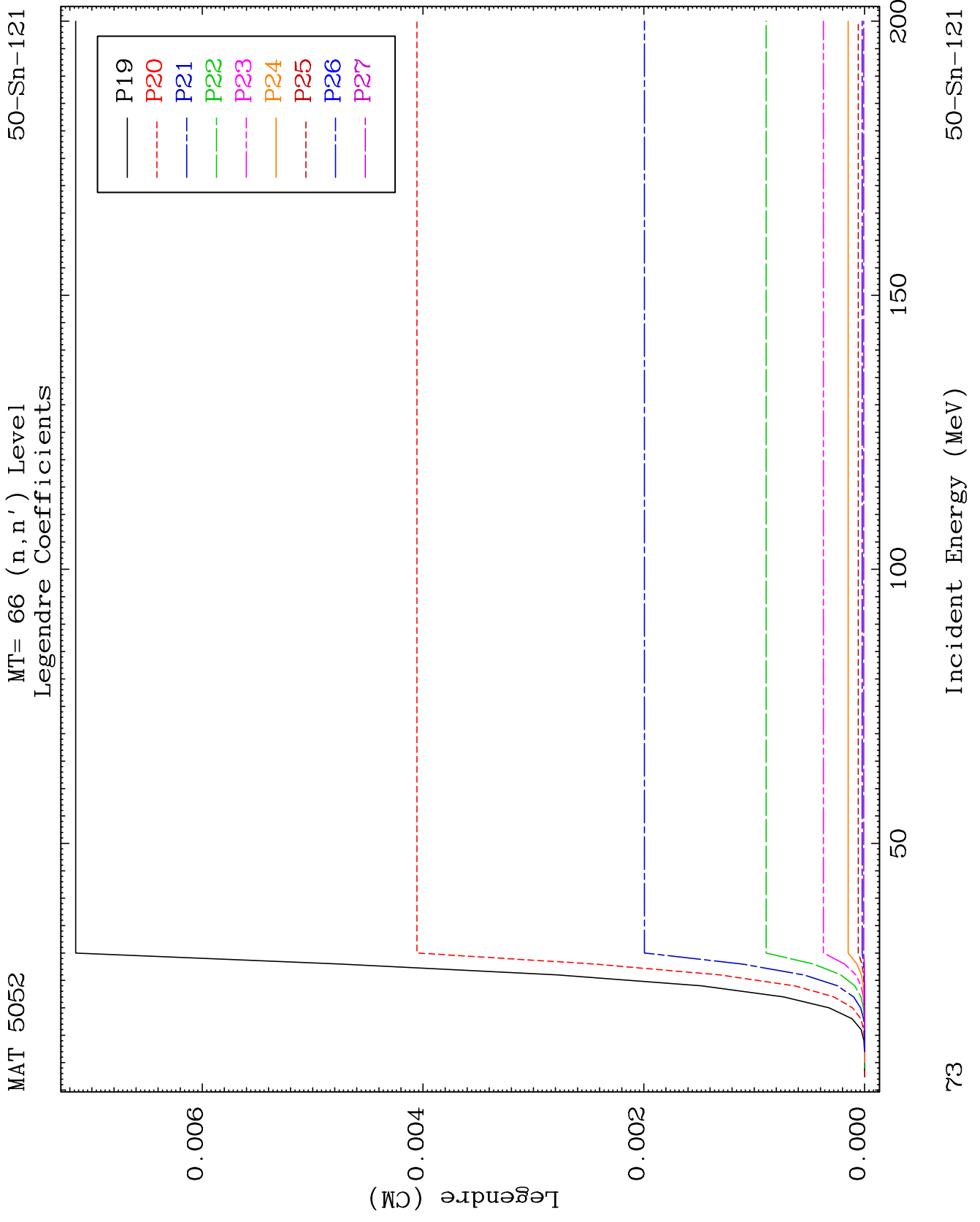
50-Sn-121

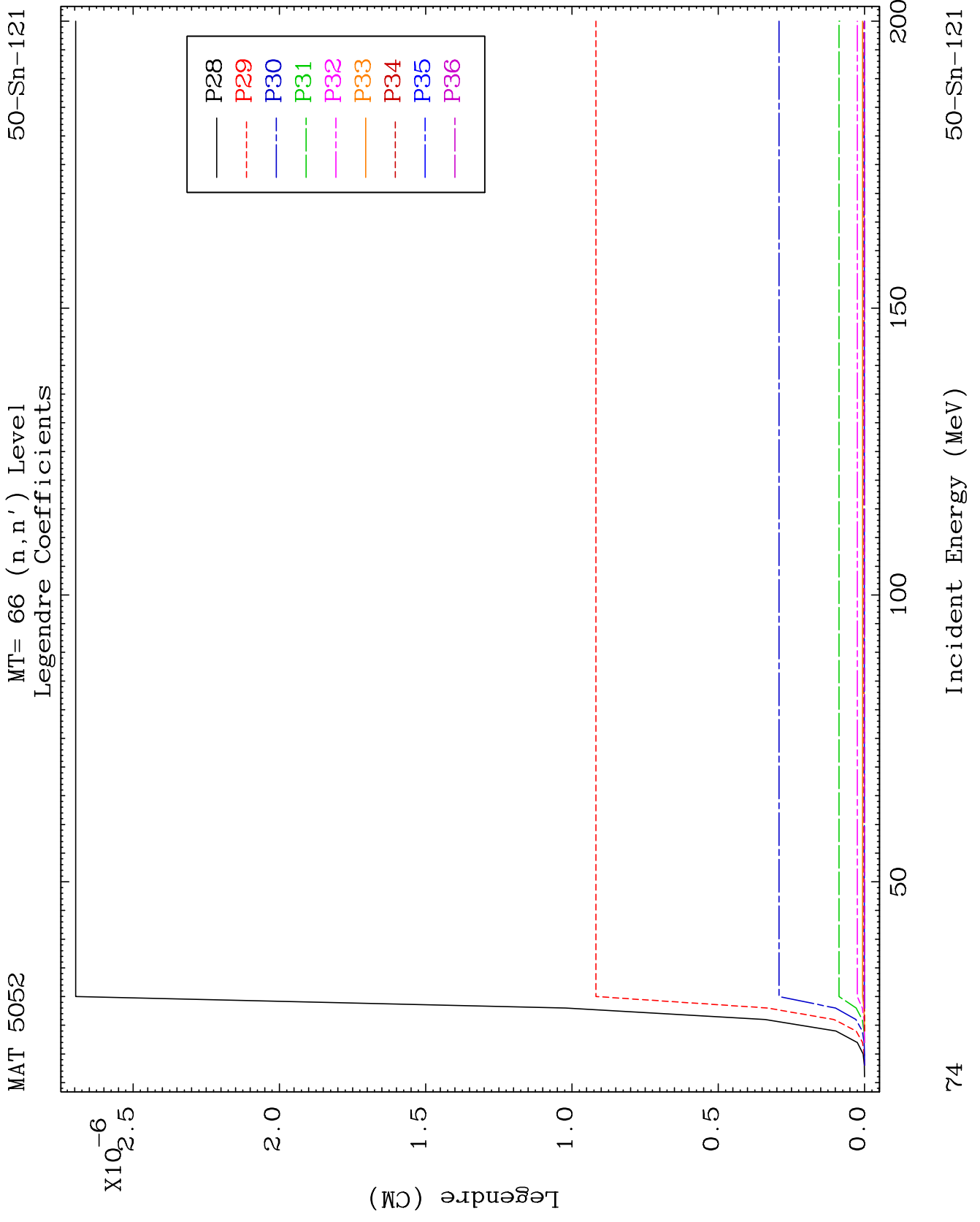


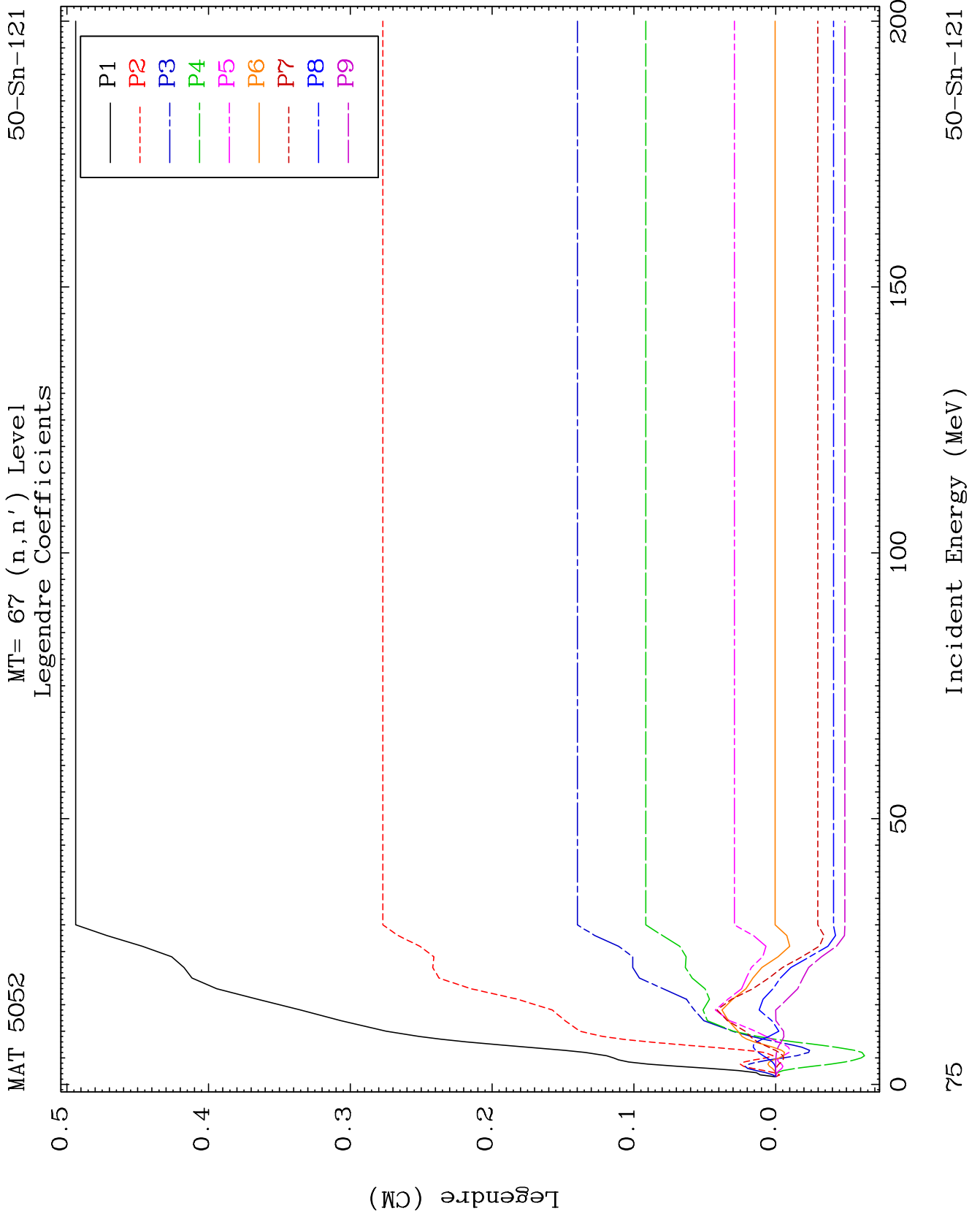
72

Incident Energy (MeV)

50-Sn-121



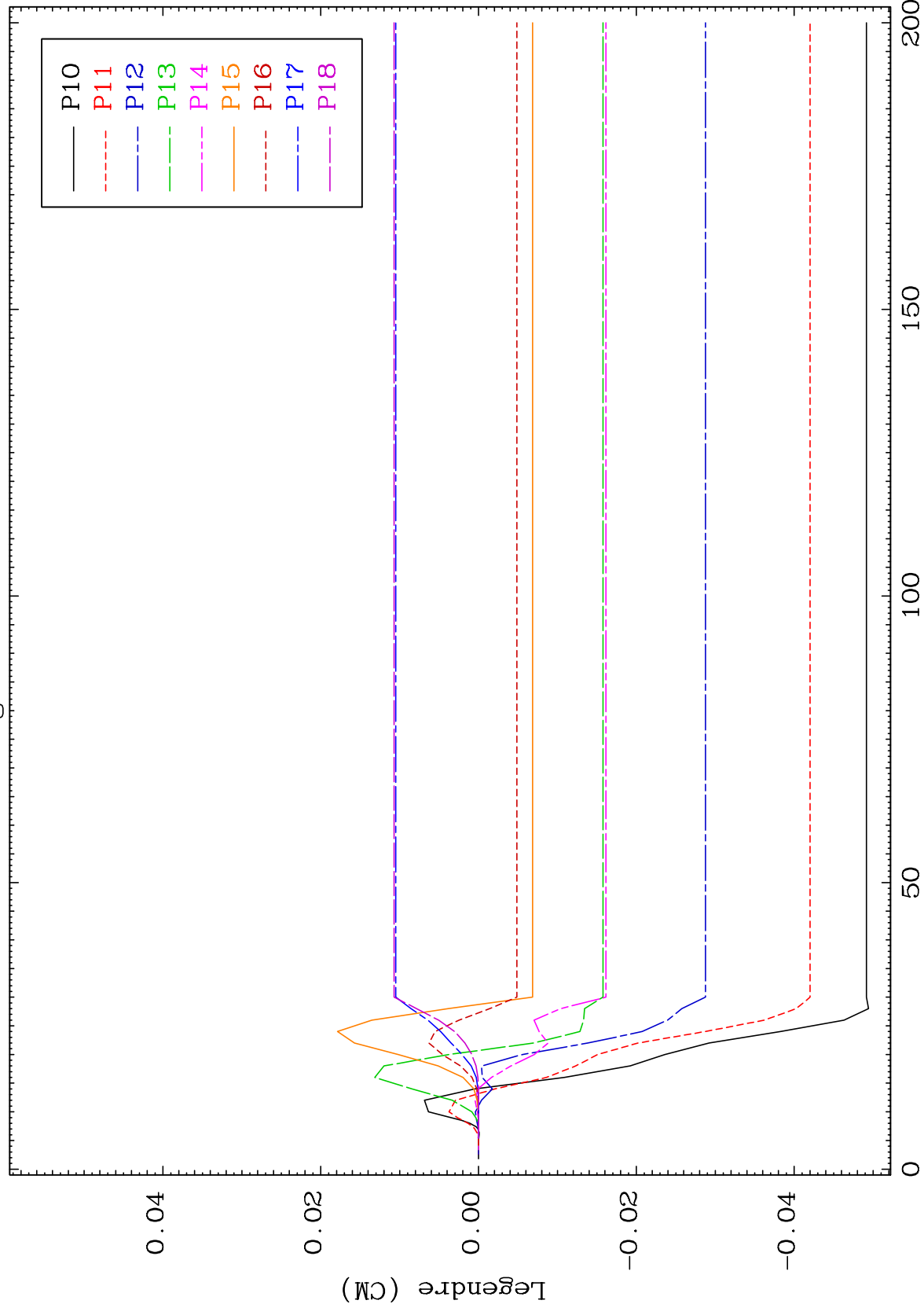




MAT 5052

MT= 67 (n,n') Level
Legendre Coefficients

50-Sn-121



76

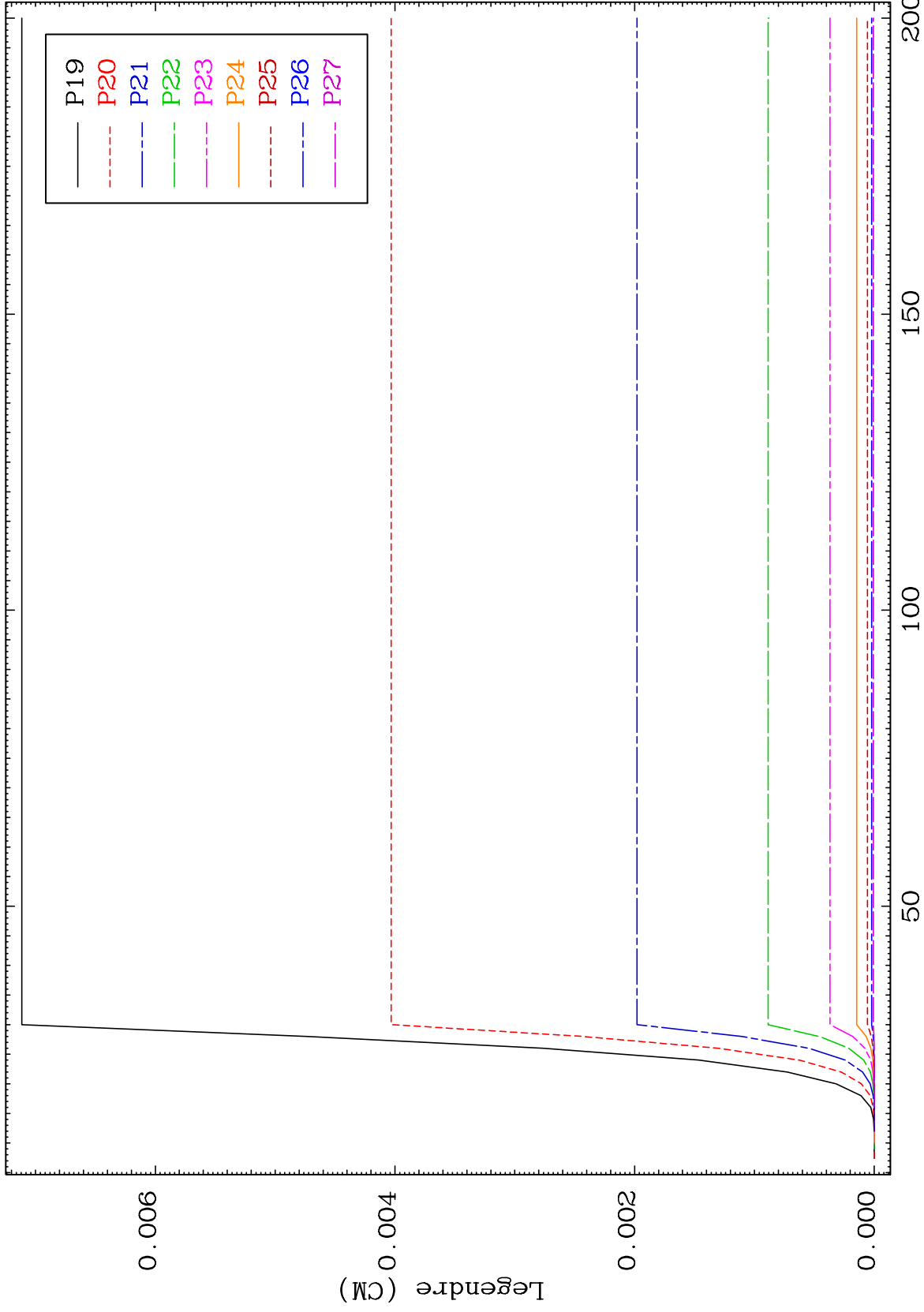
Incident Energy (MeV)

50-Sn-121

MAT 5052

MT= 67 (n,n') Level
Legendre Coefficients

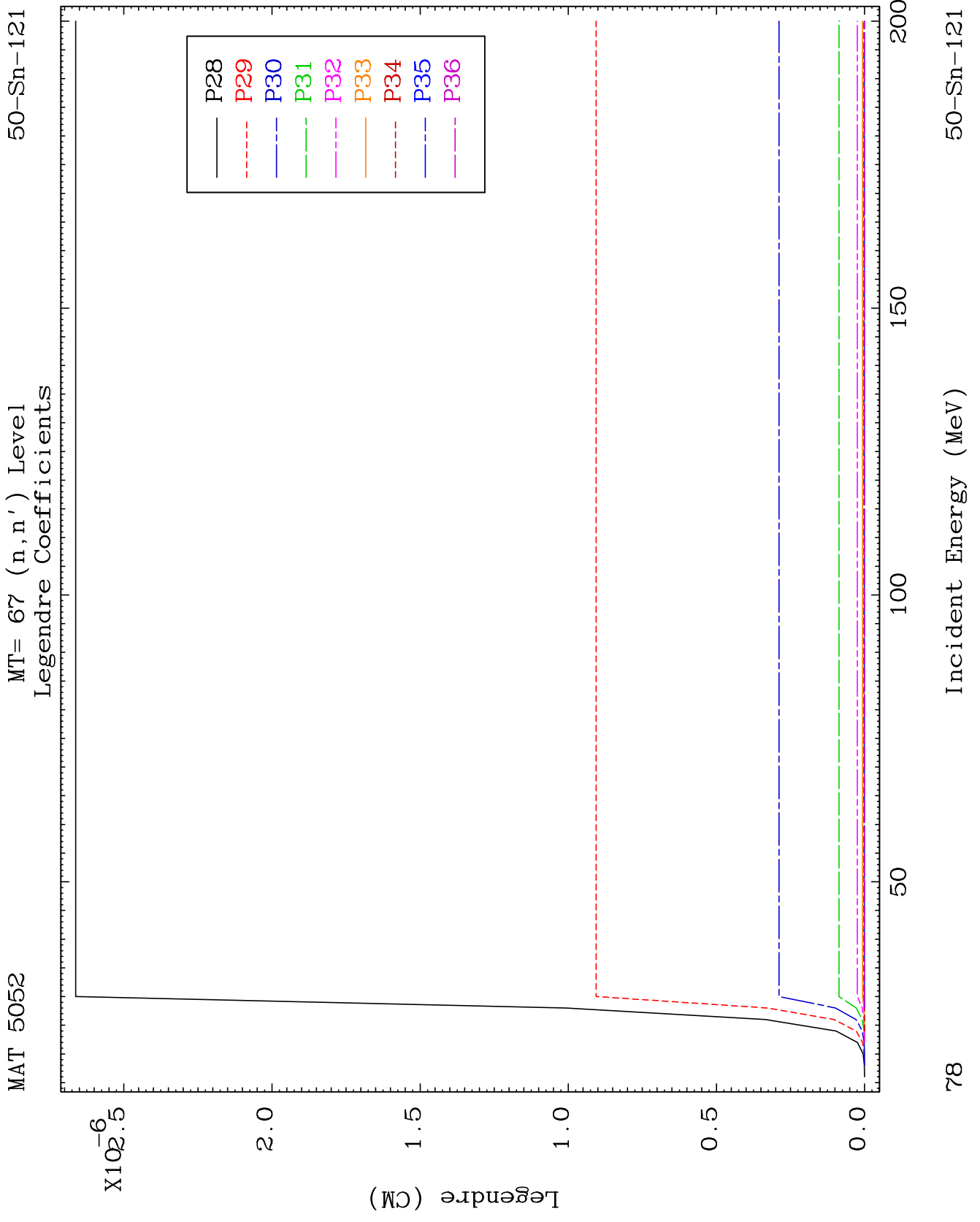
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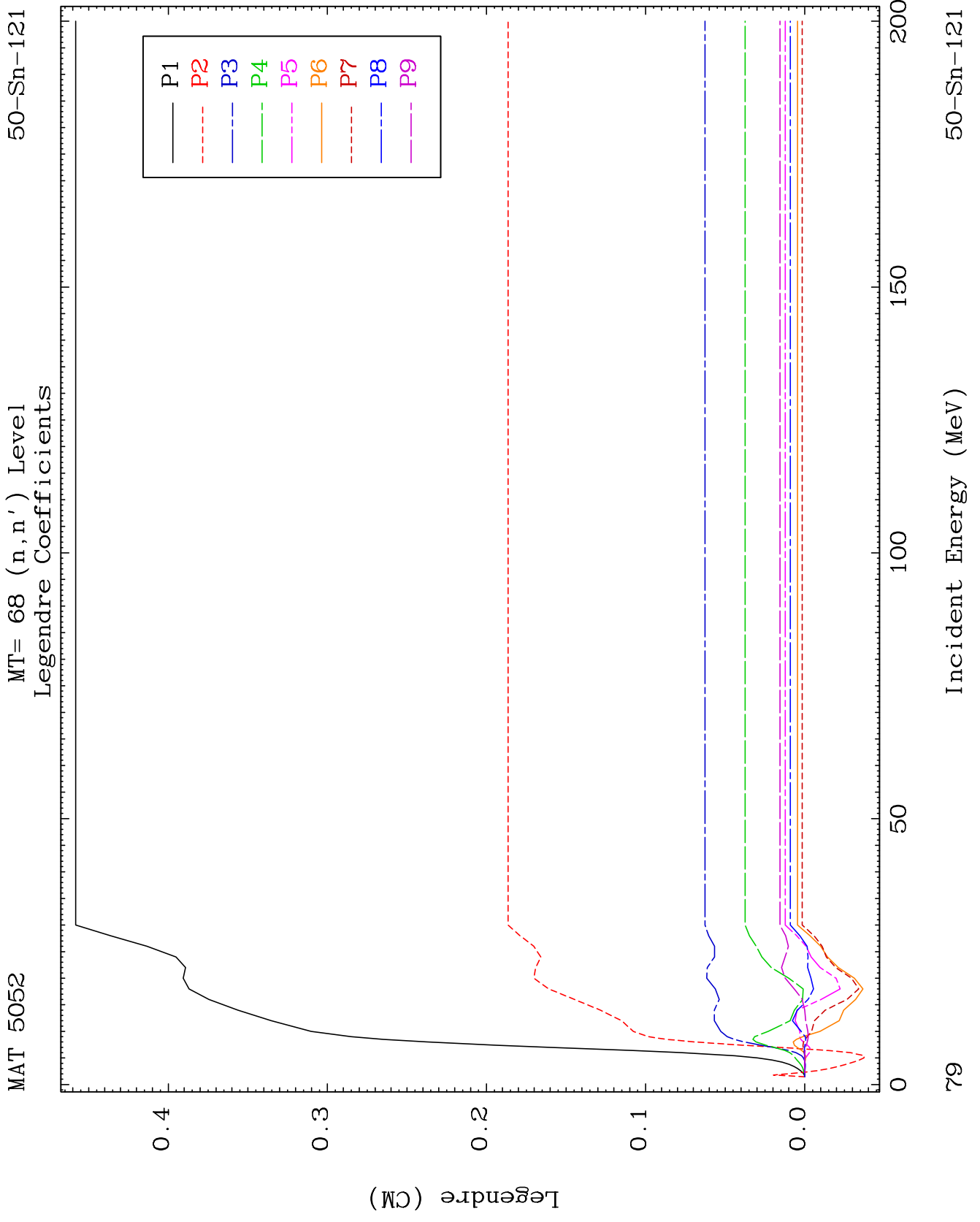


77

Incident Energy (MeV)

50-Sn-121

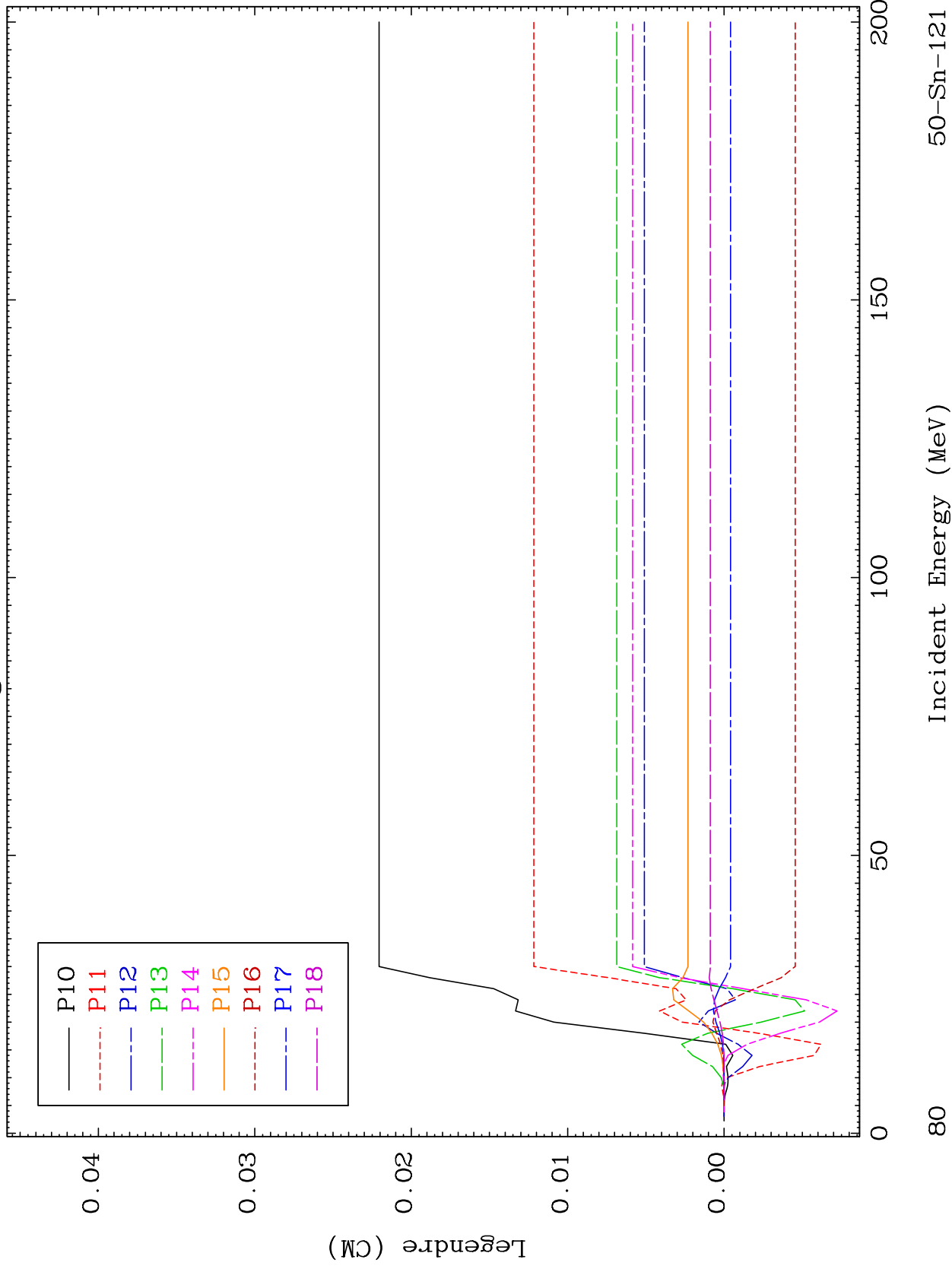




MAT 5052

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

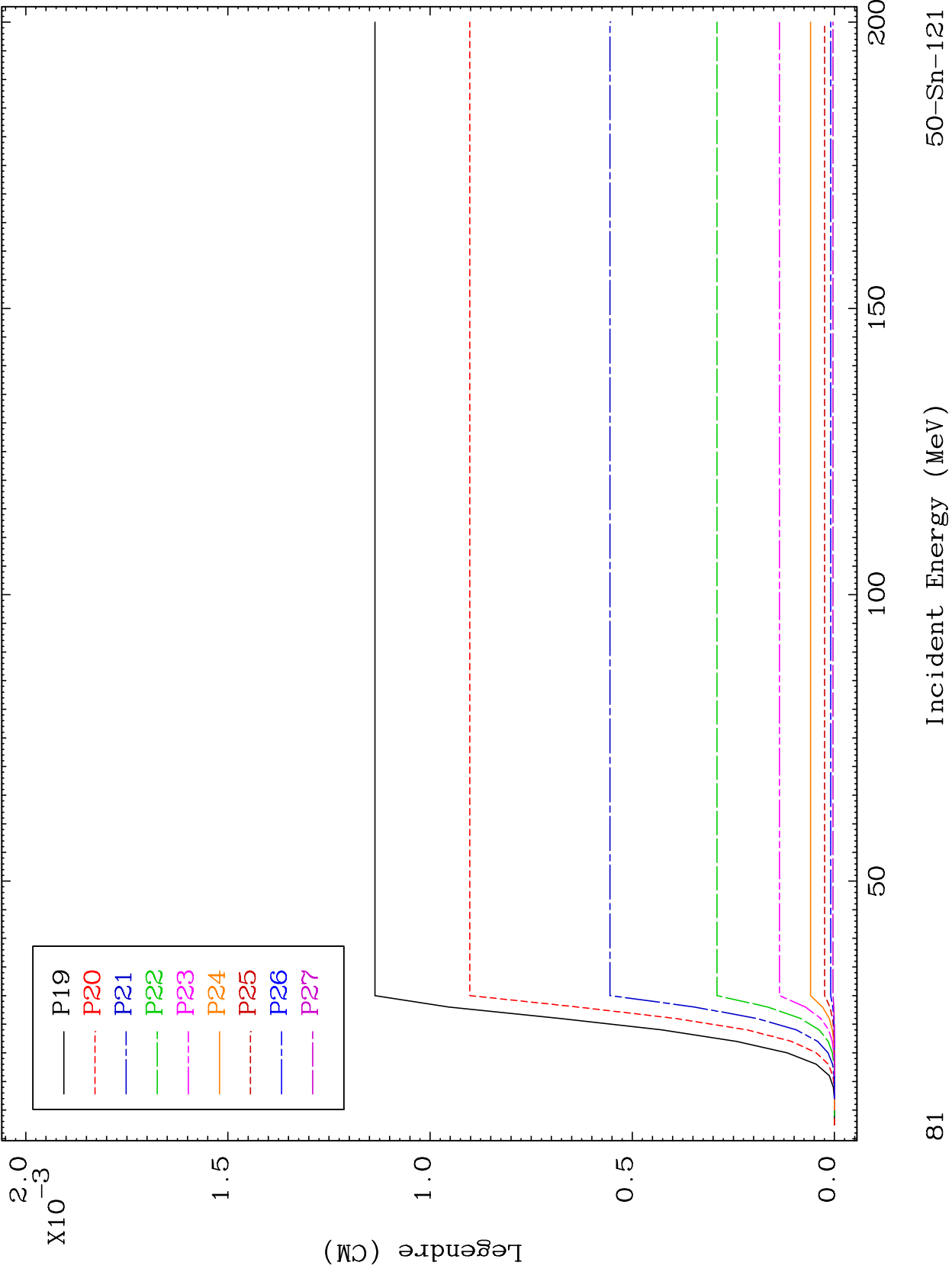
50-Sn-121

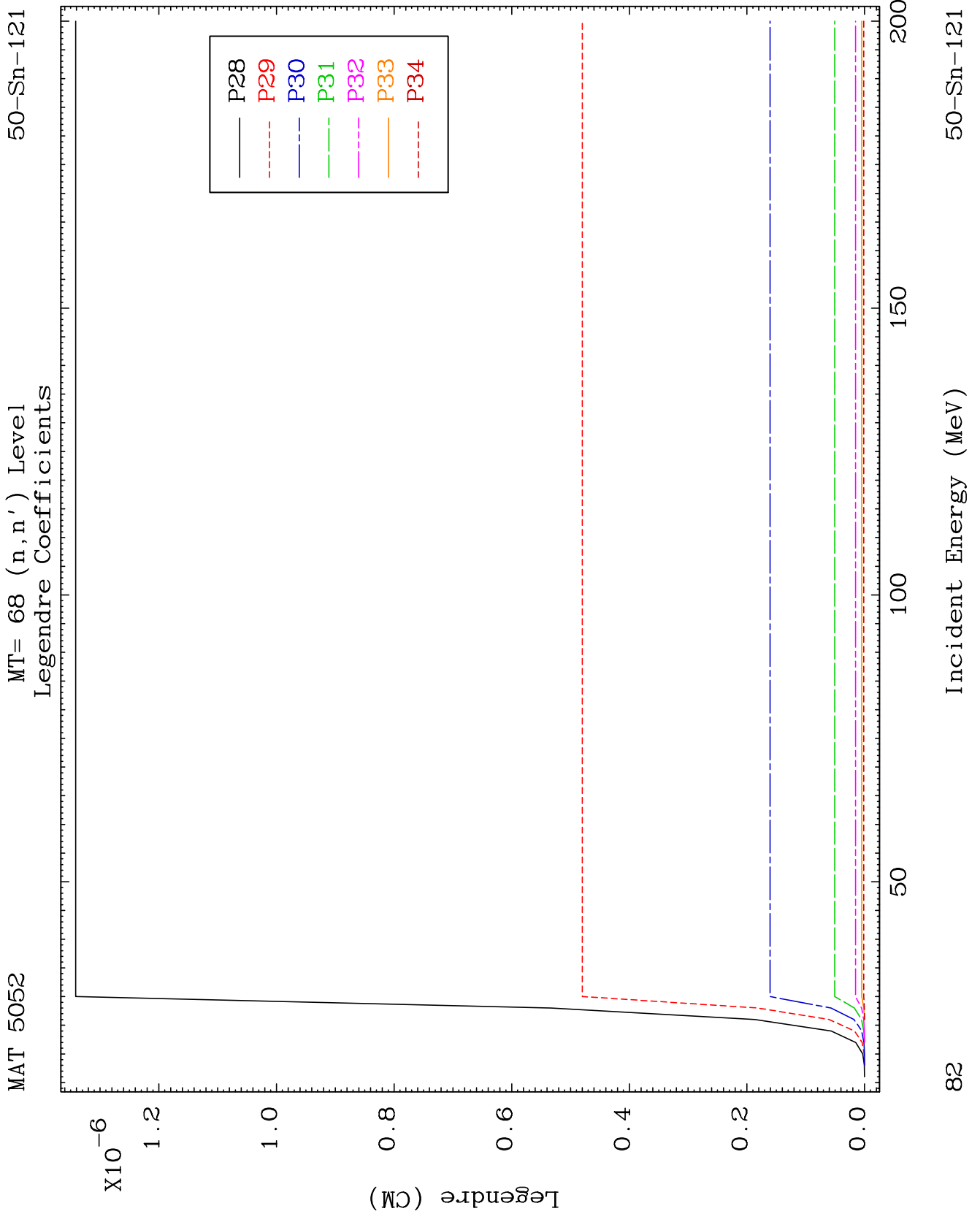


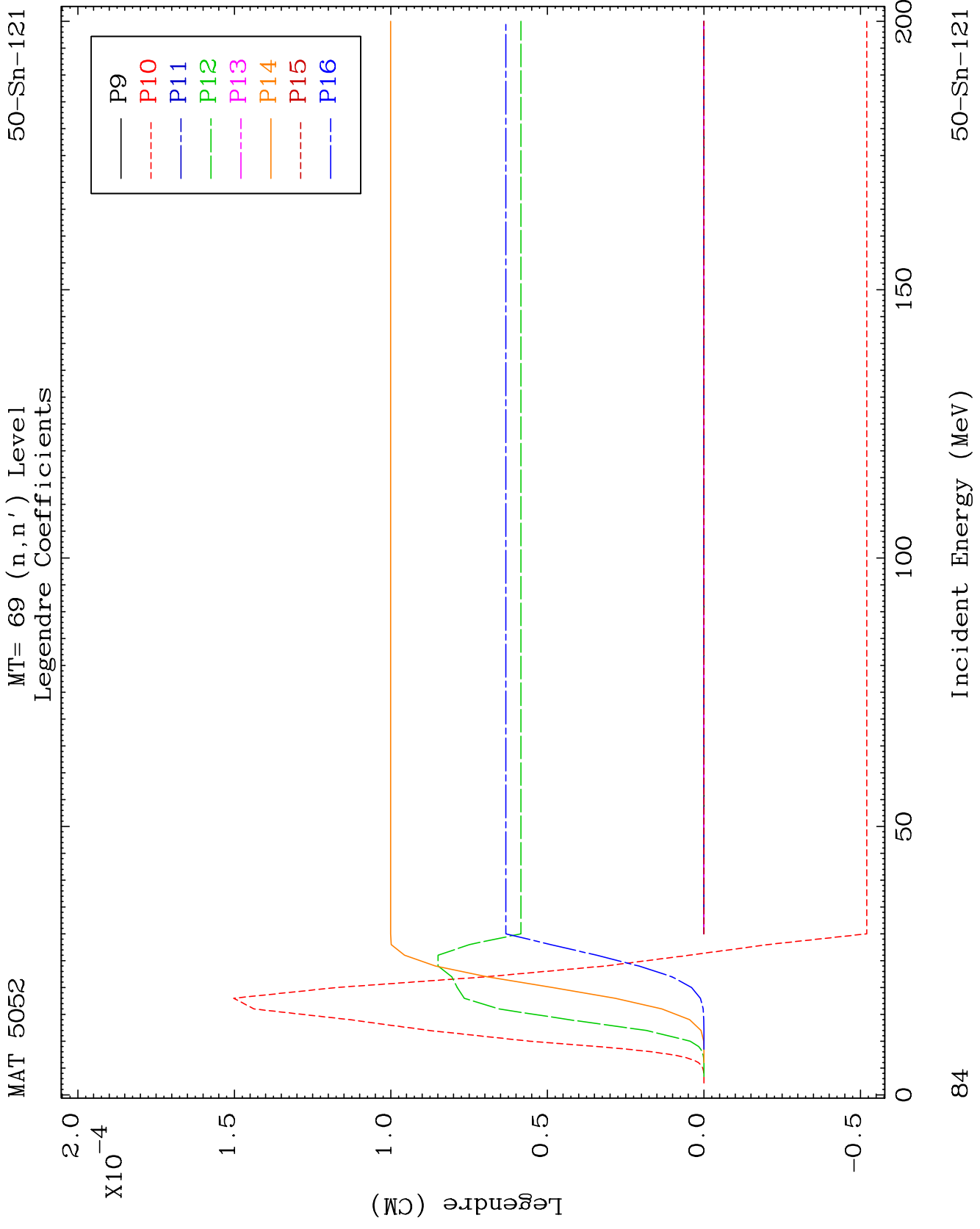
MAT 5052

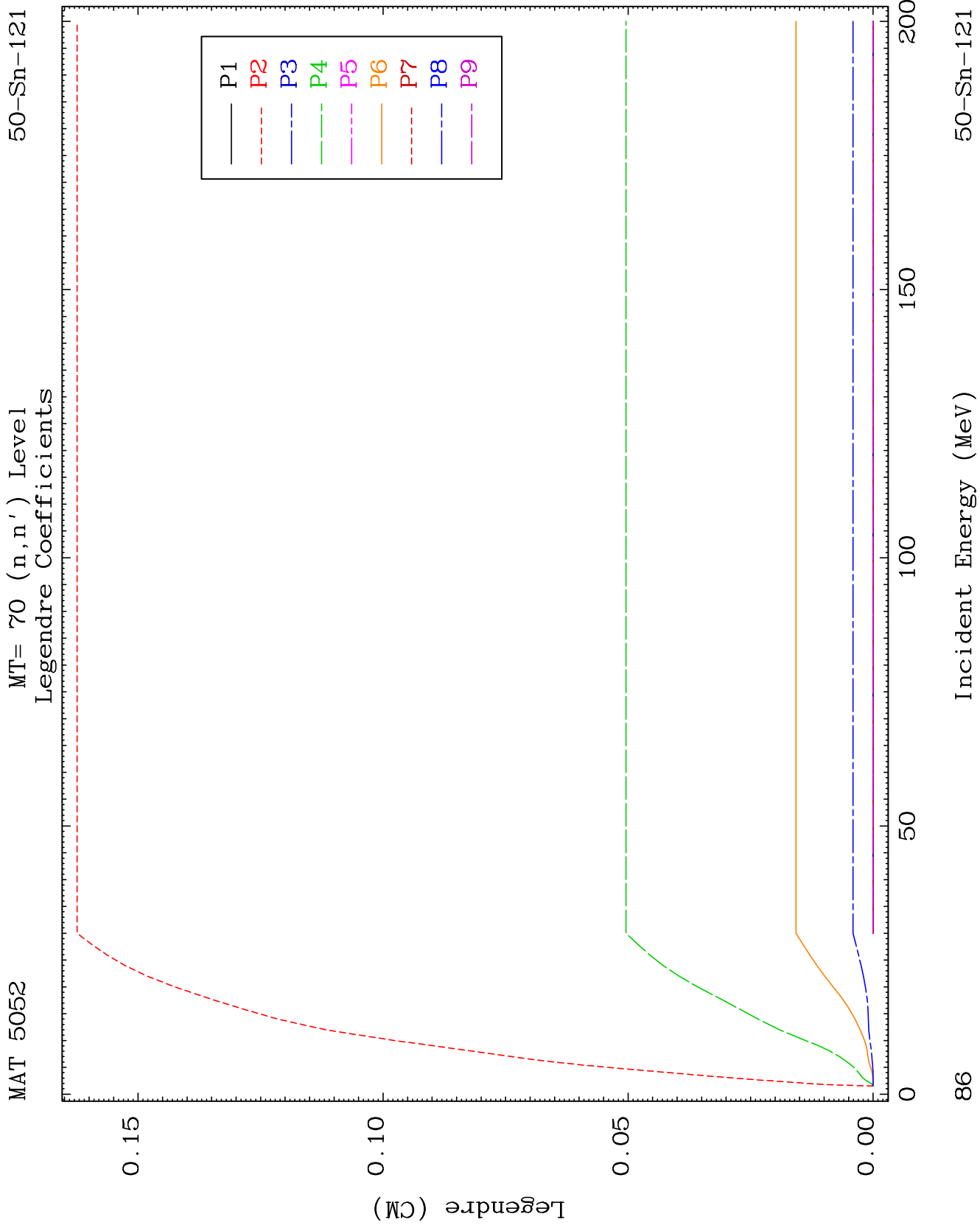
MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-121





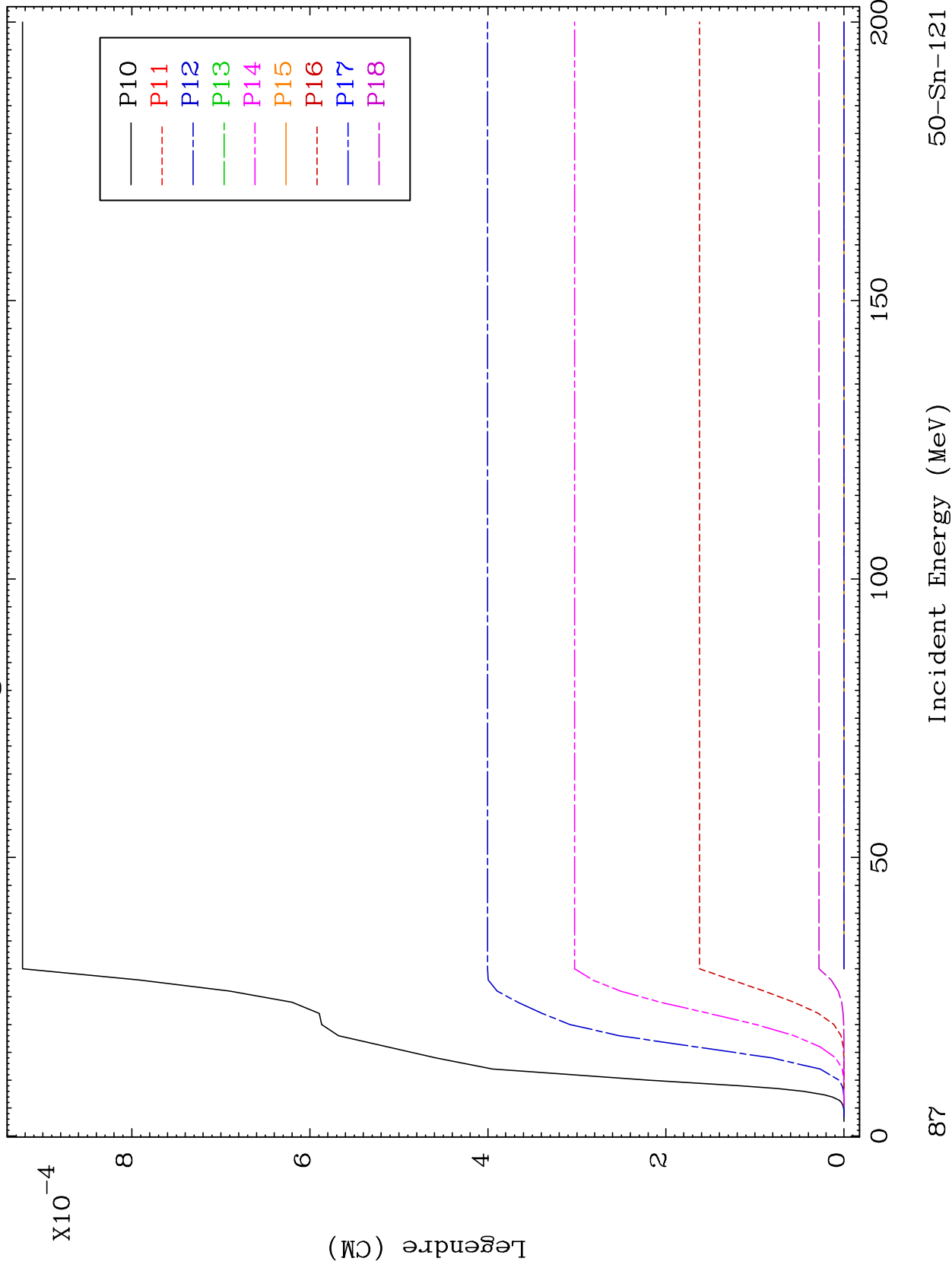




MAT 5052

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

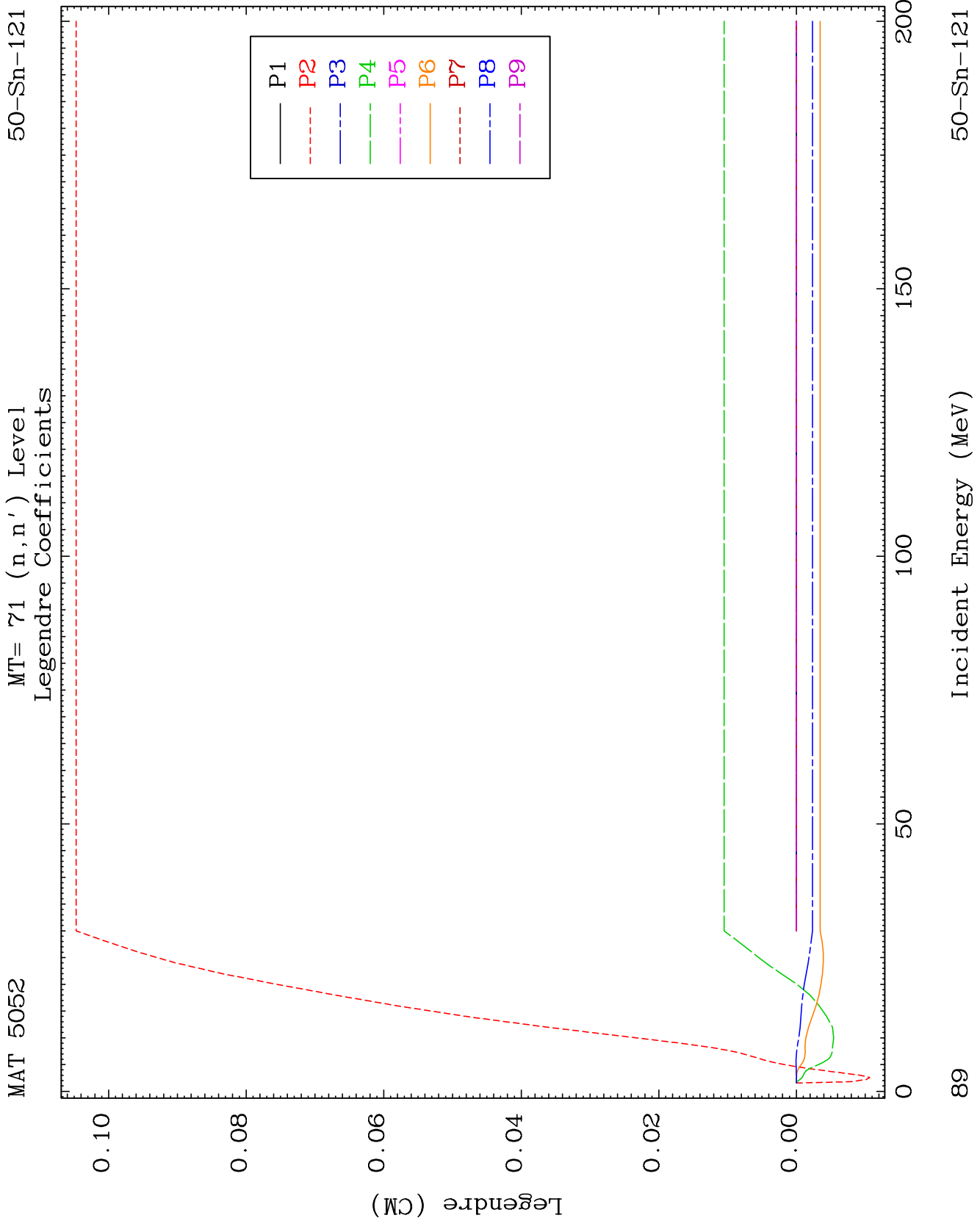
50-Sn-121



87

Incident Energy (MeV)

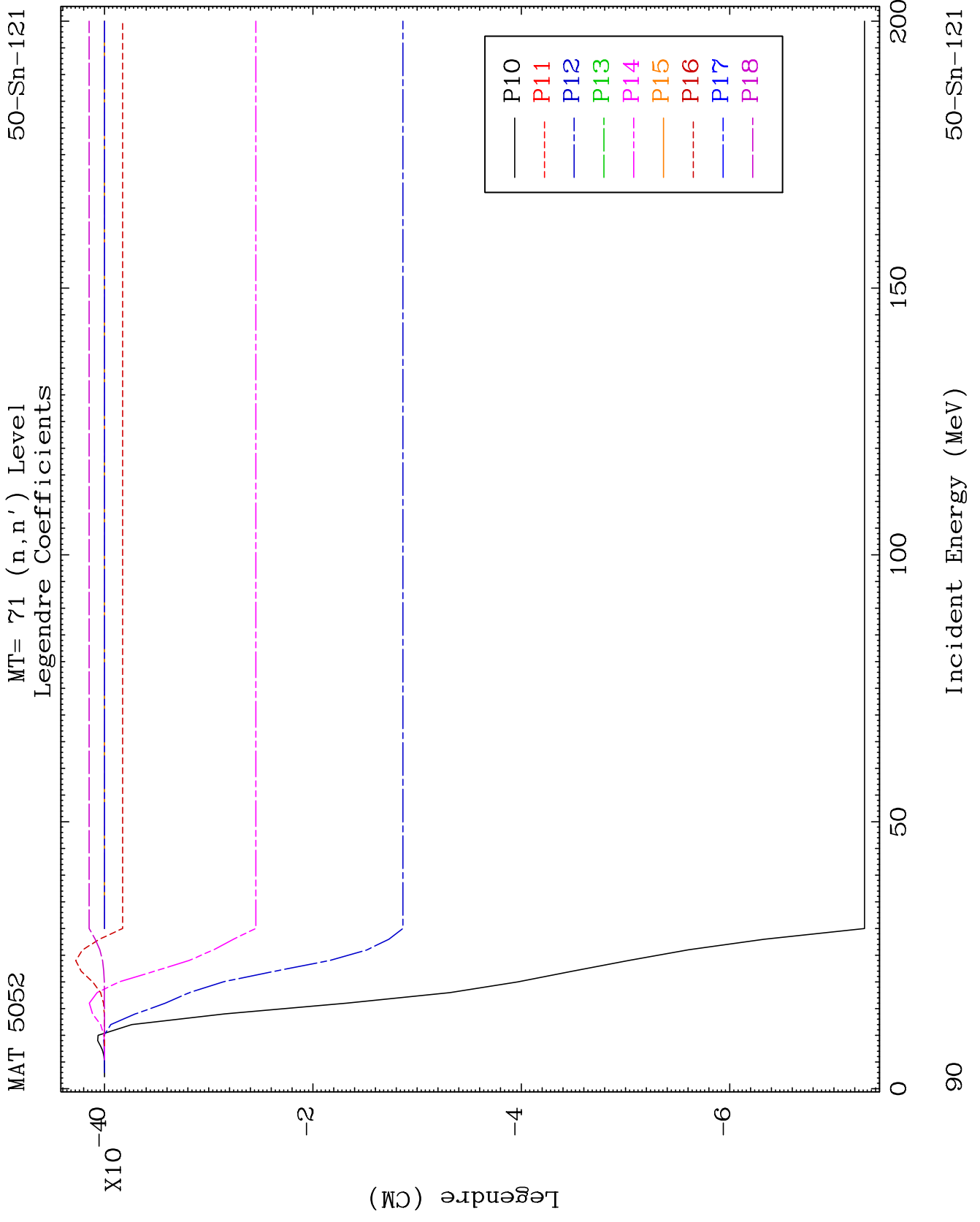
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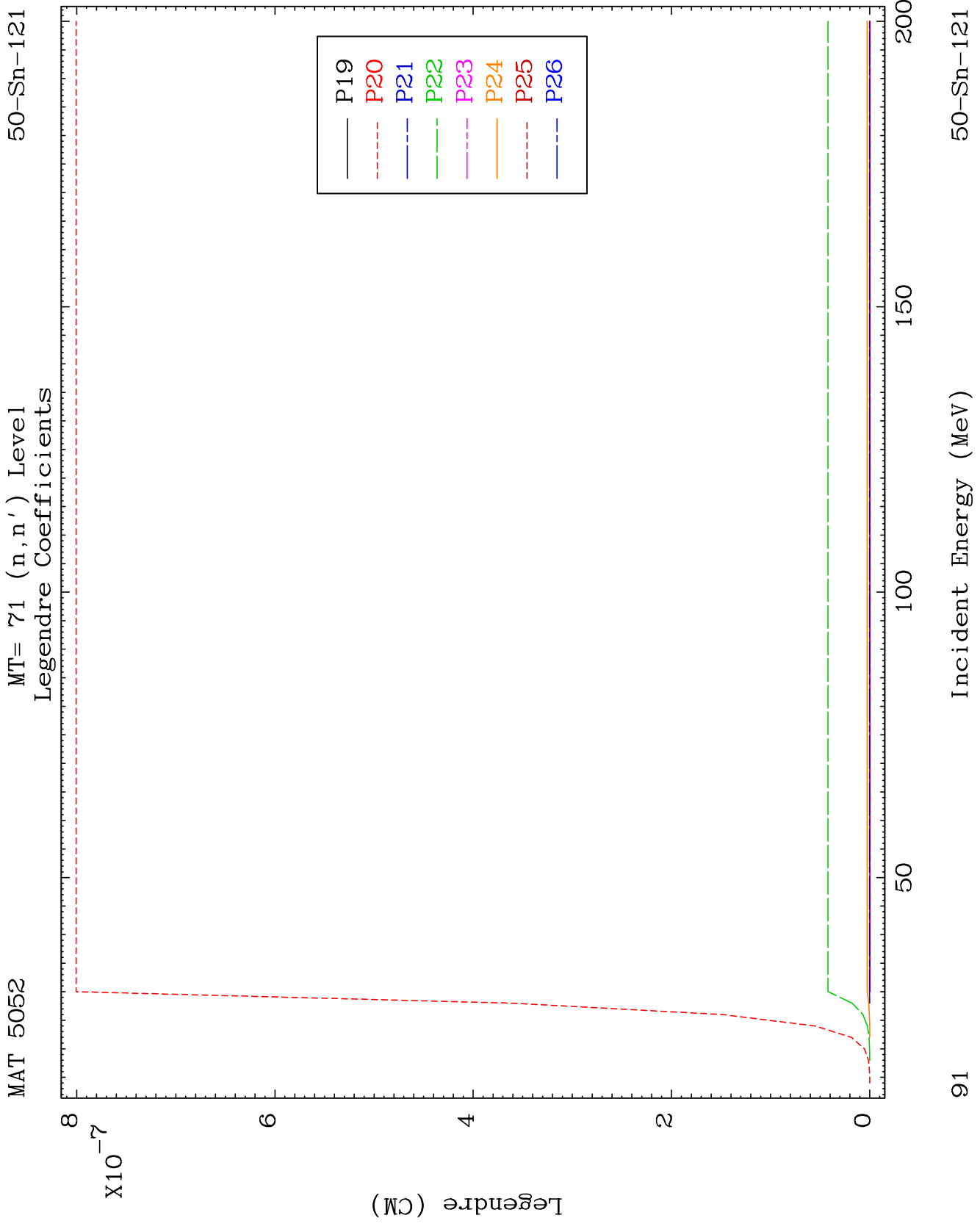


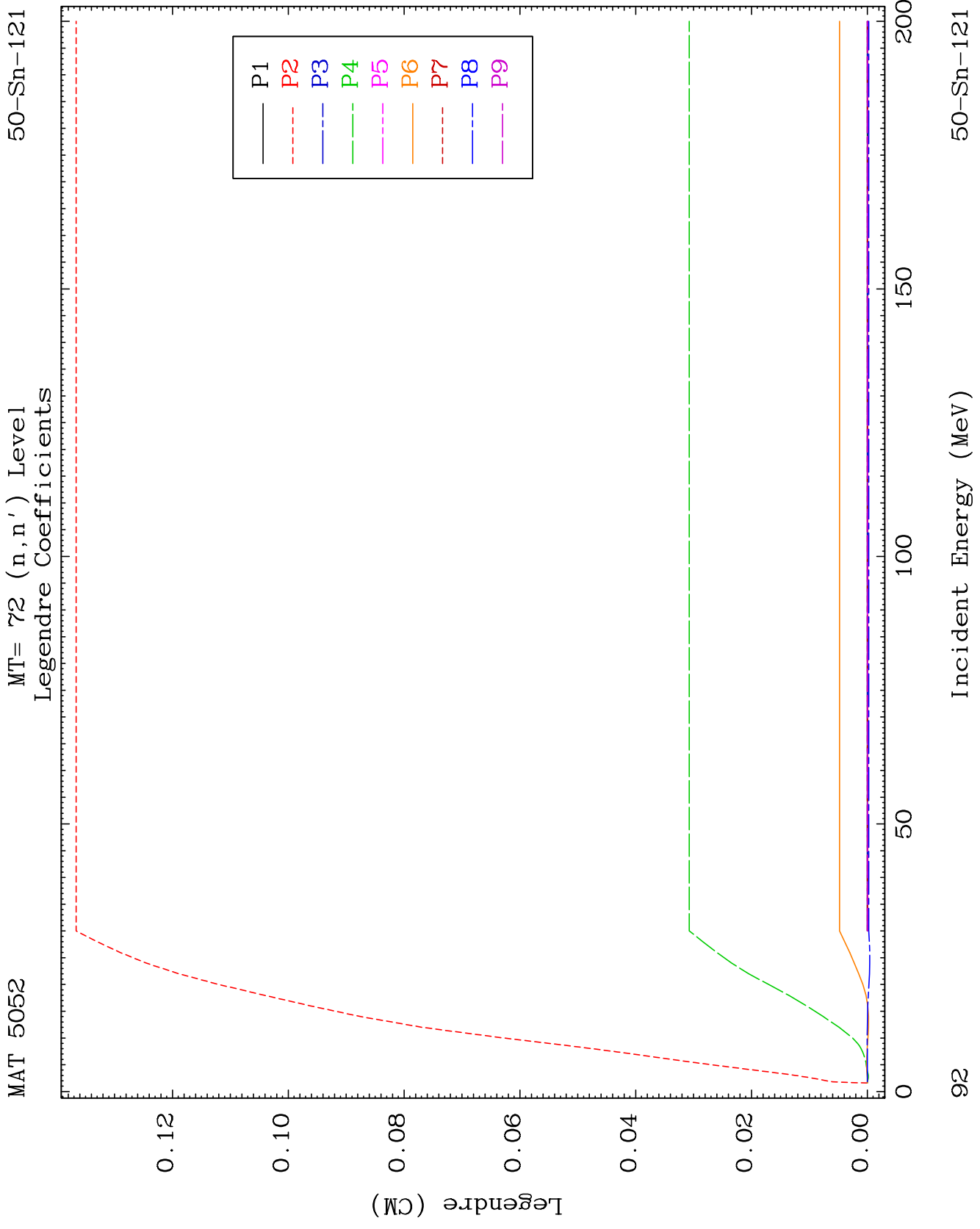
50-Sn-121

Incident Energy (MeV)

89



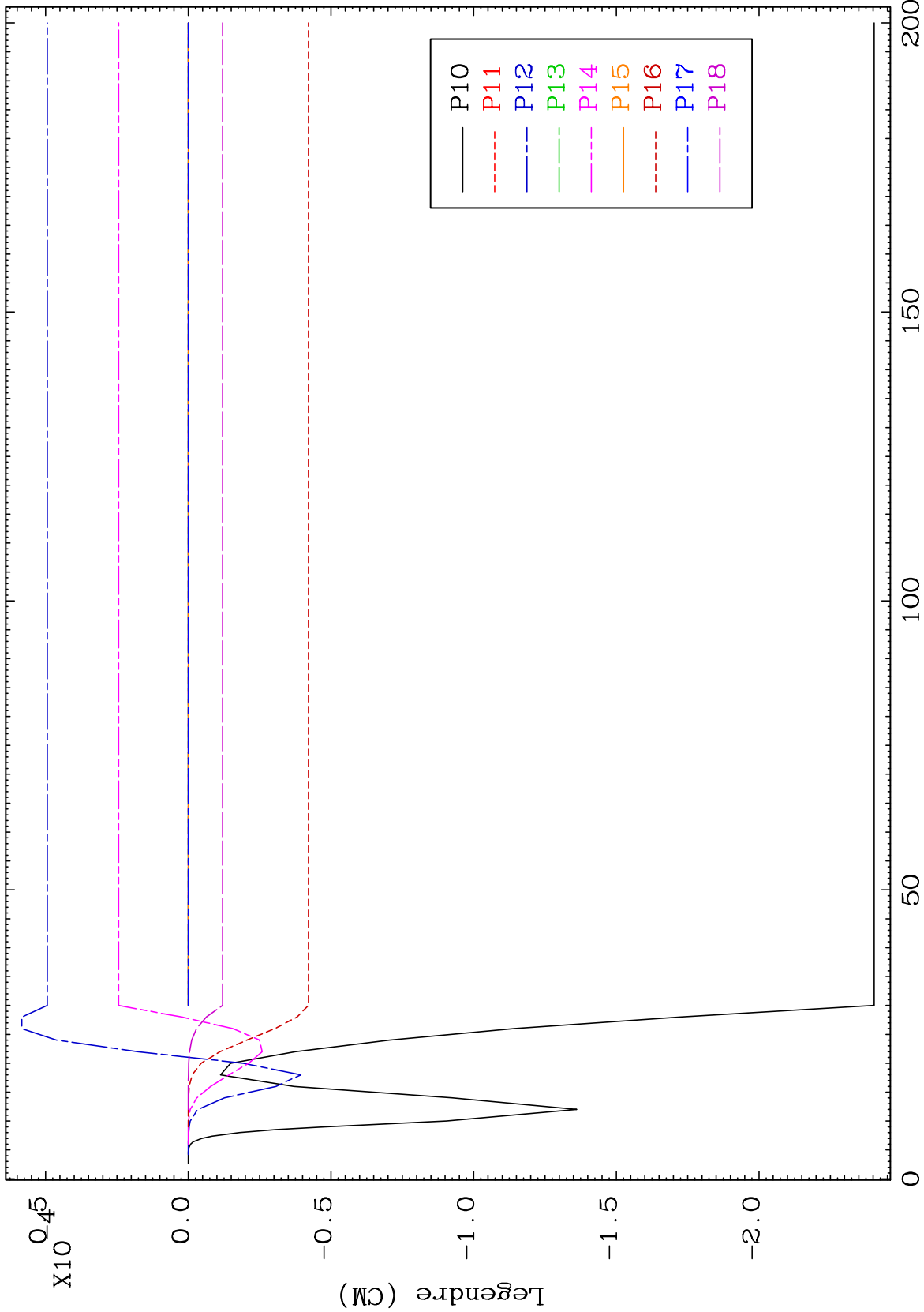


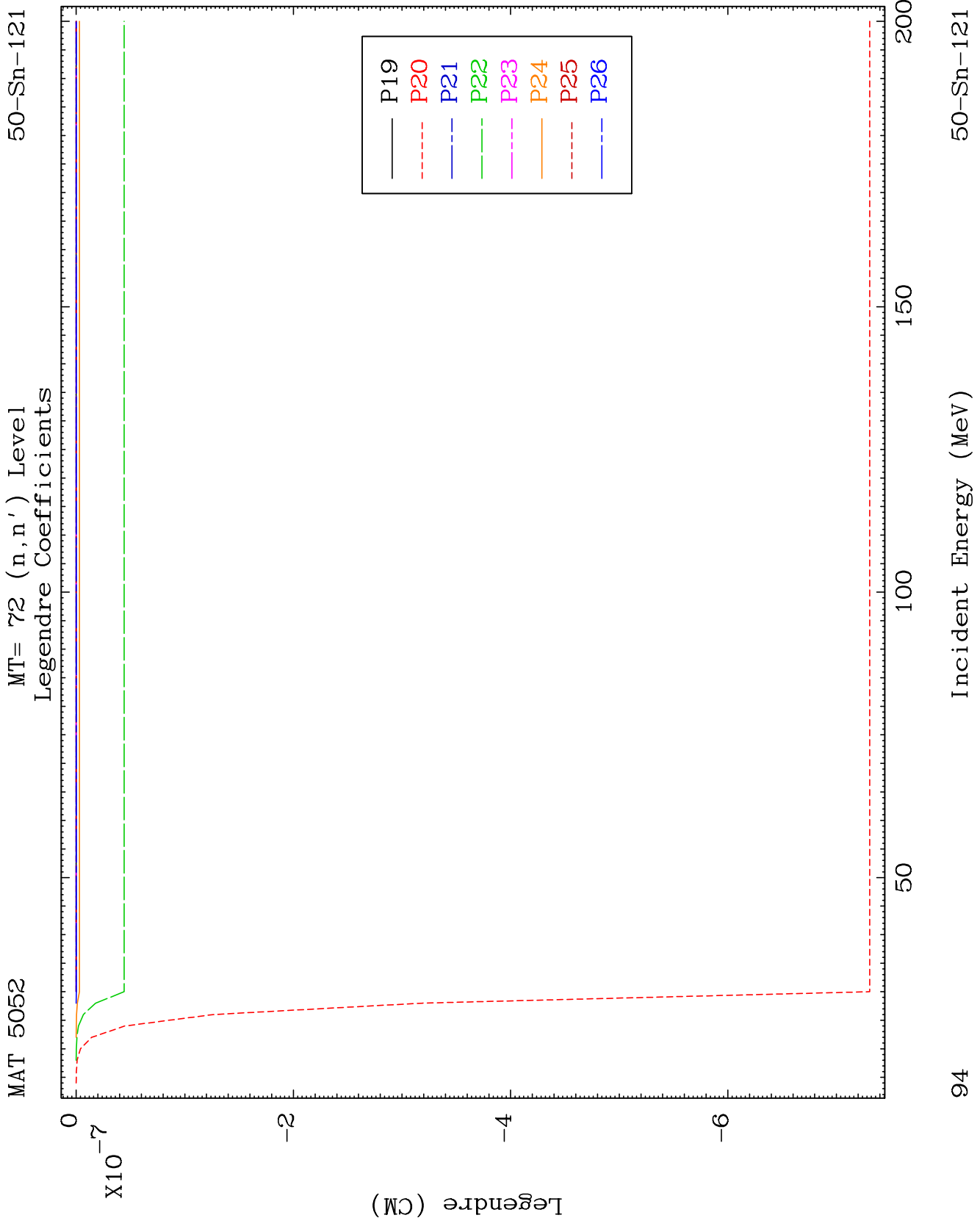


MAT 5052

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

50-Sn-121

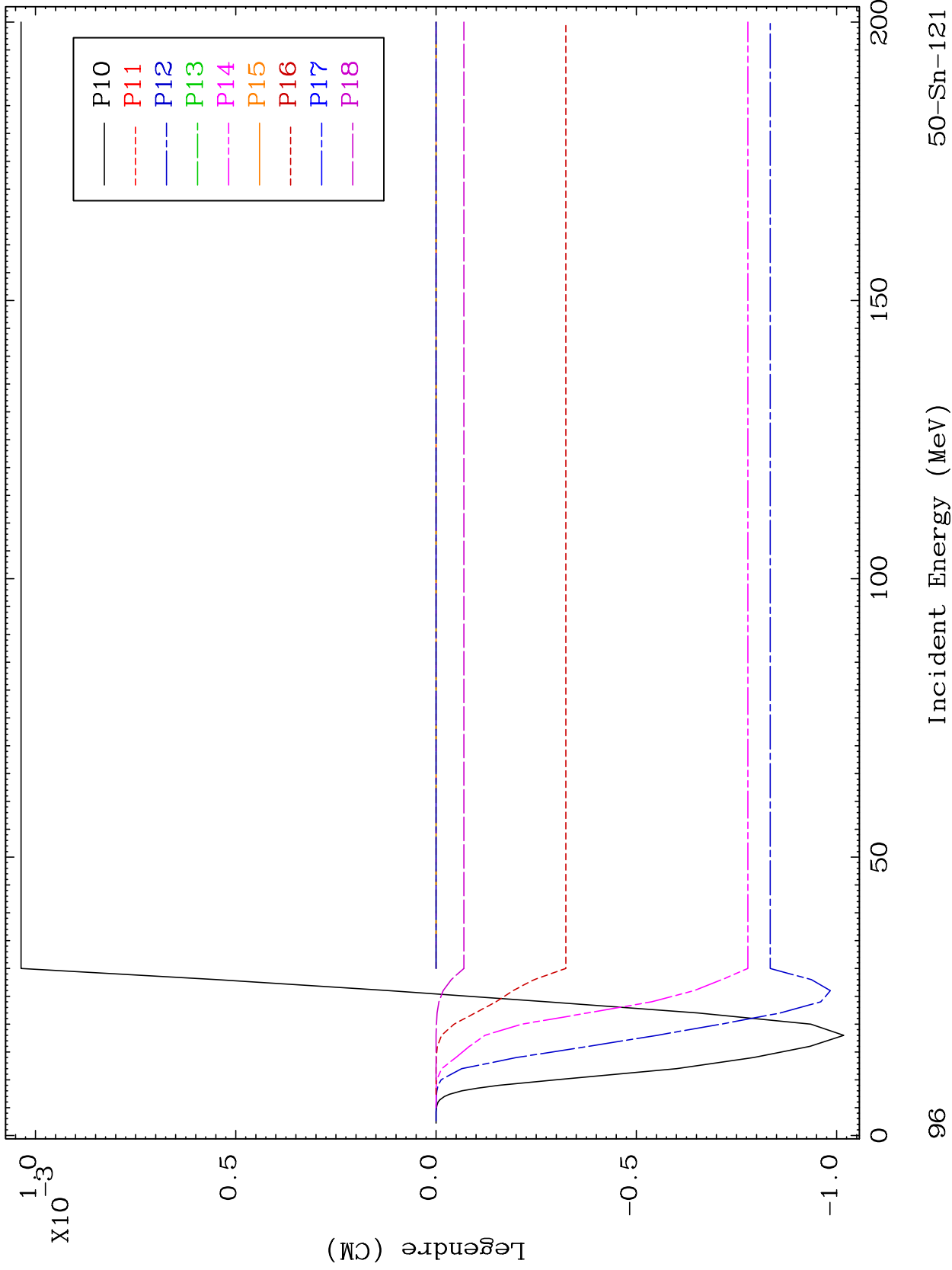


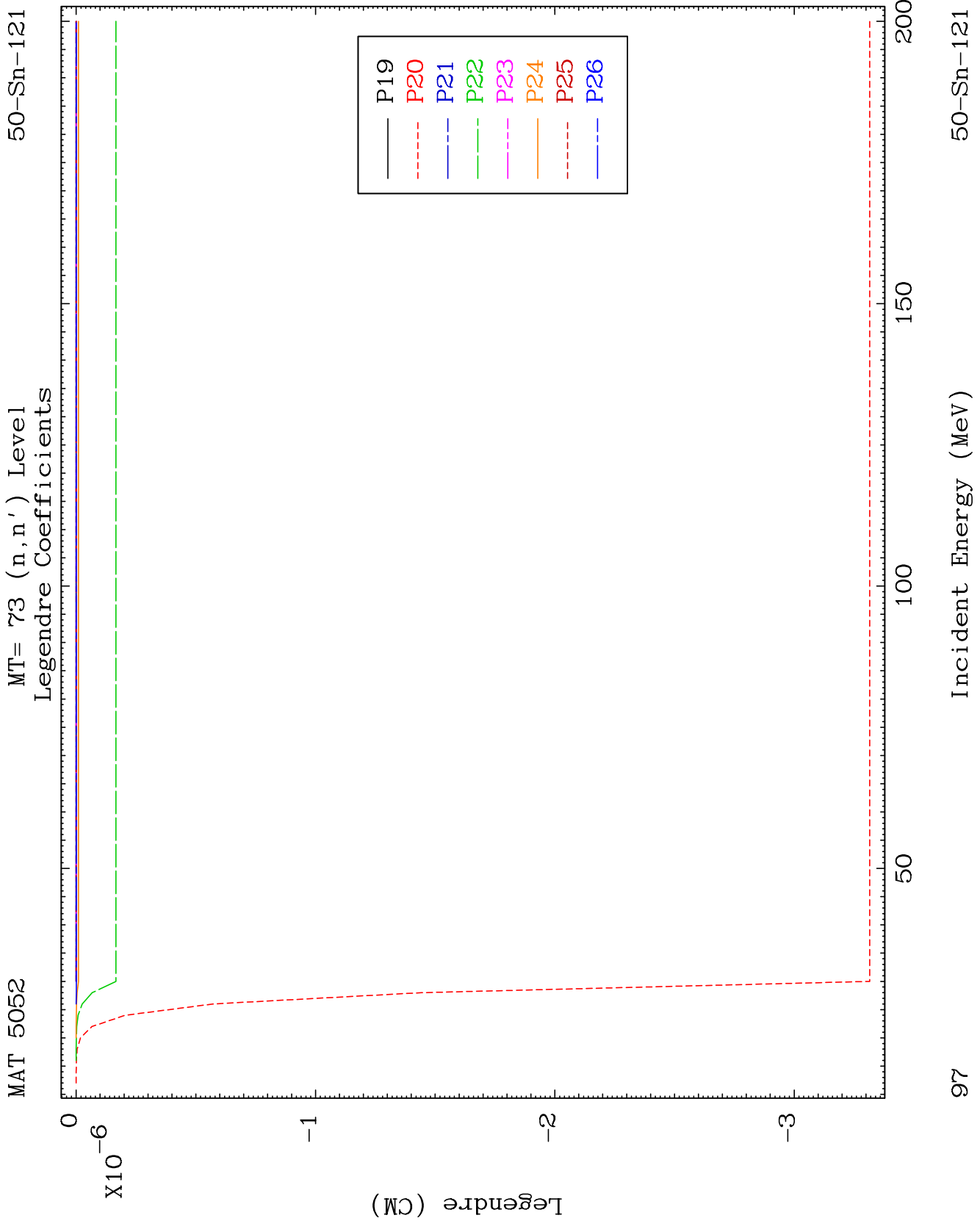


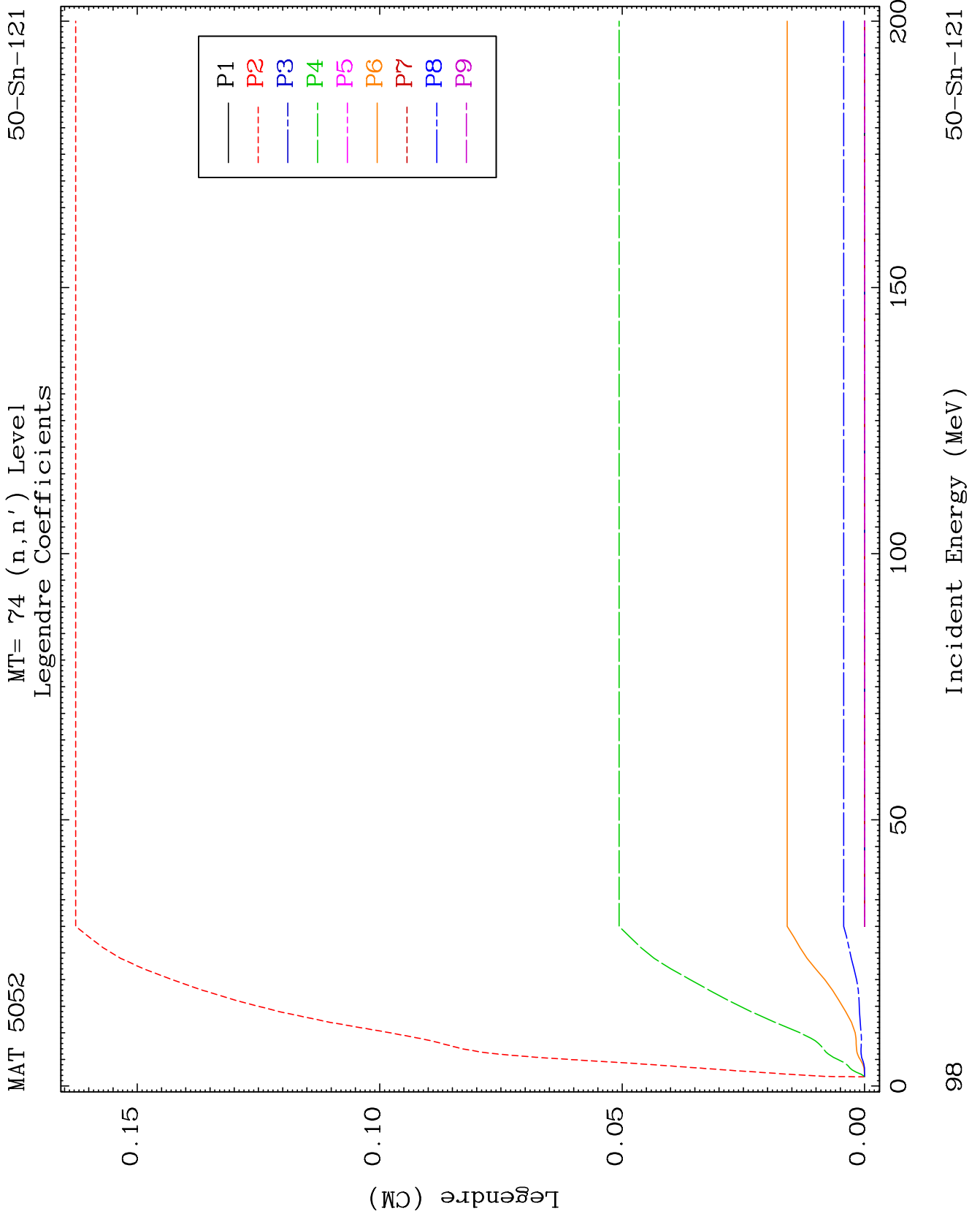
MAT 5052

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

50-Sn-121



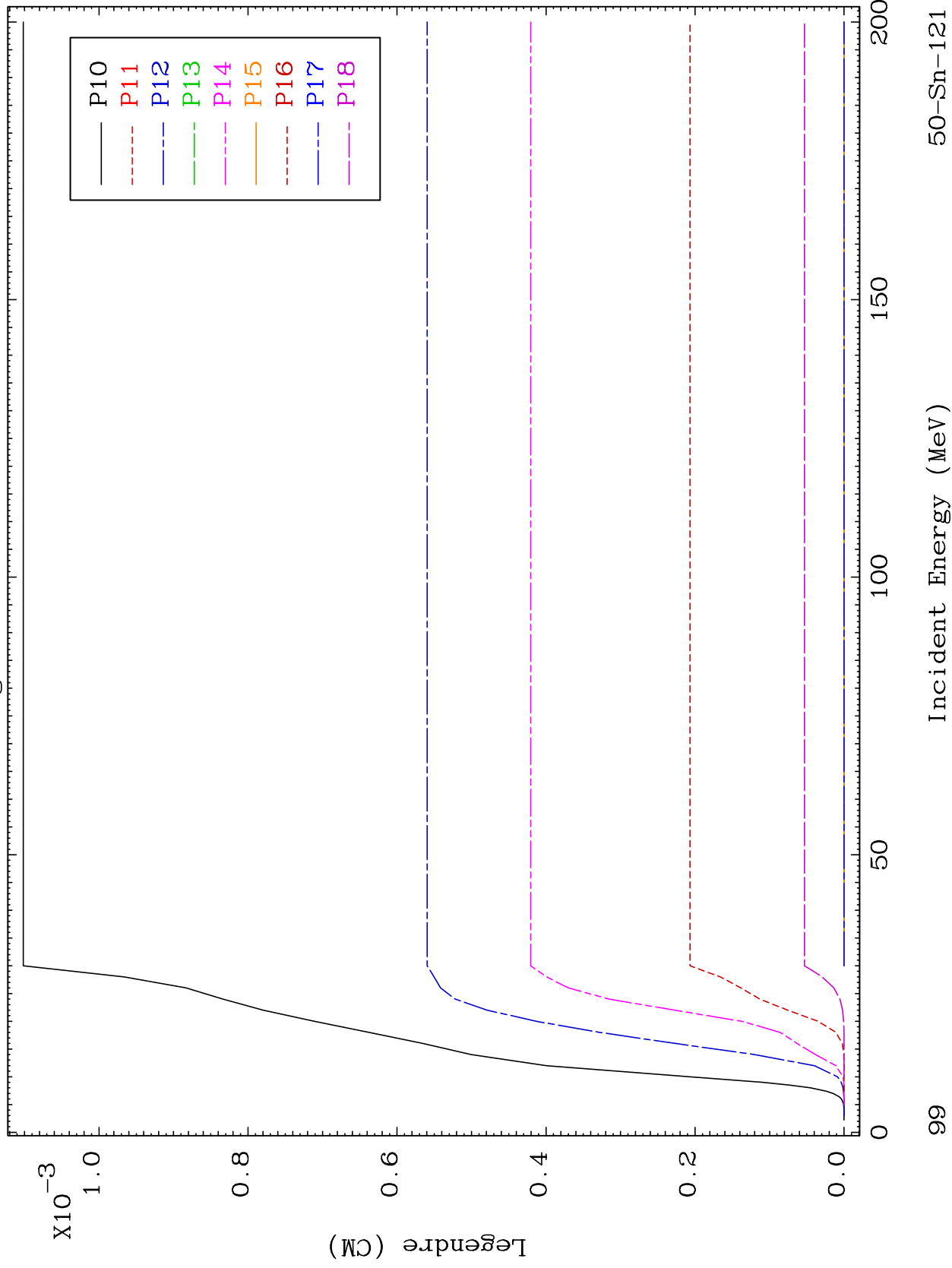


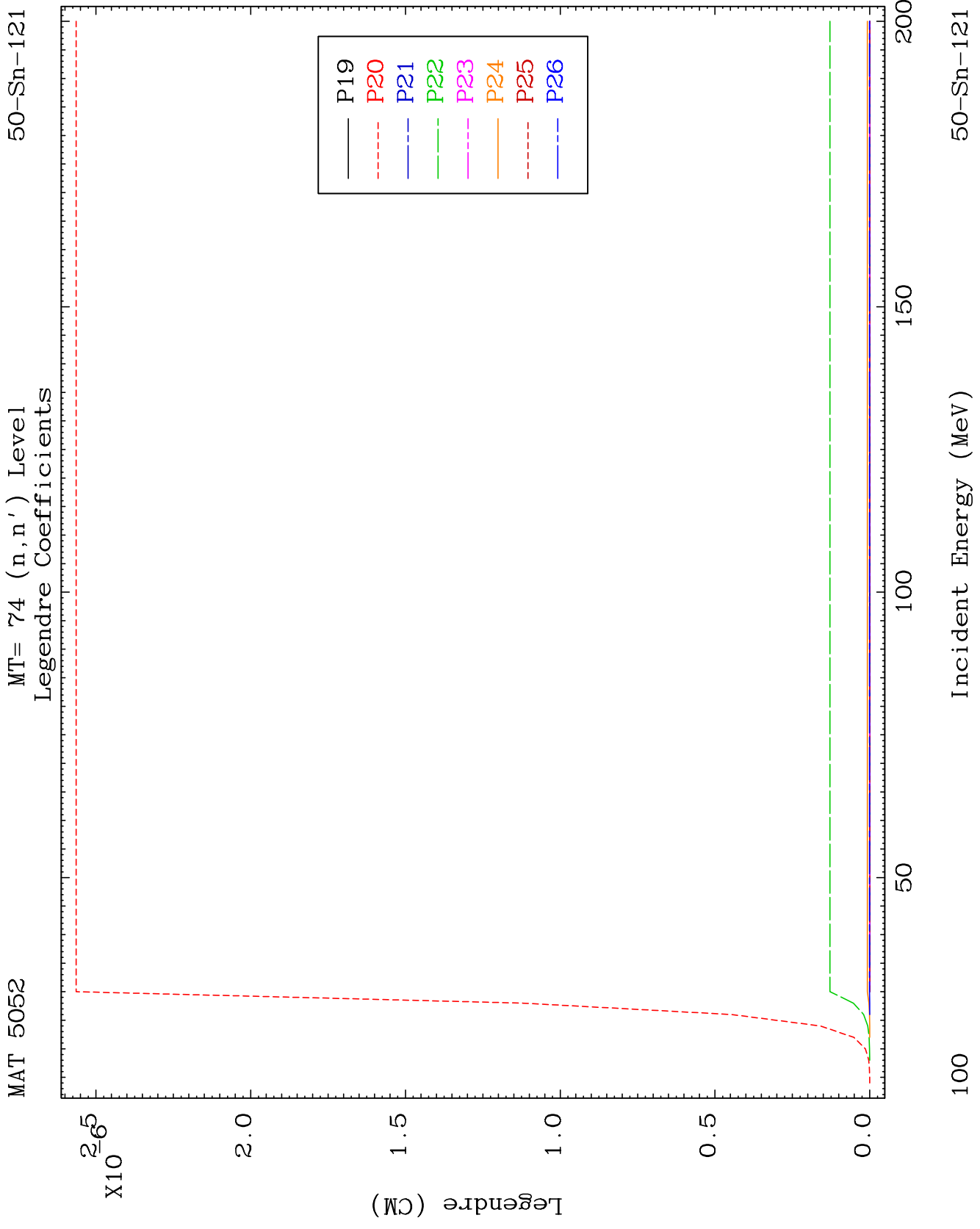


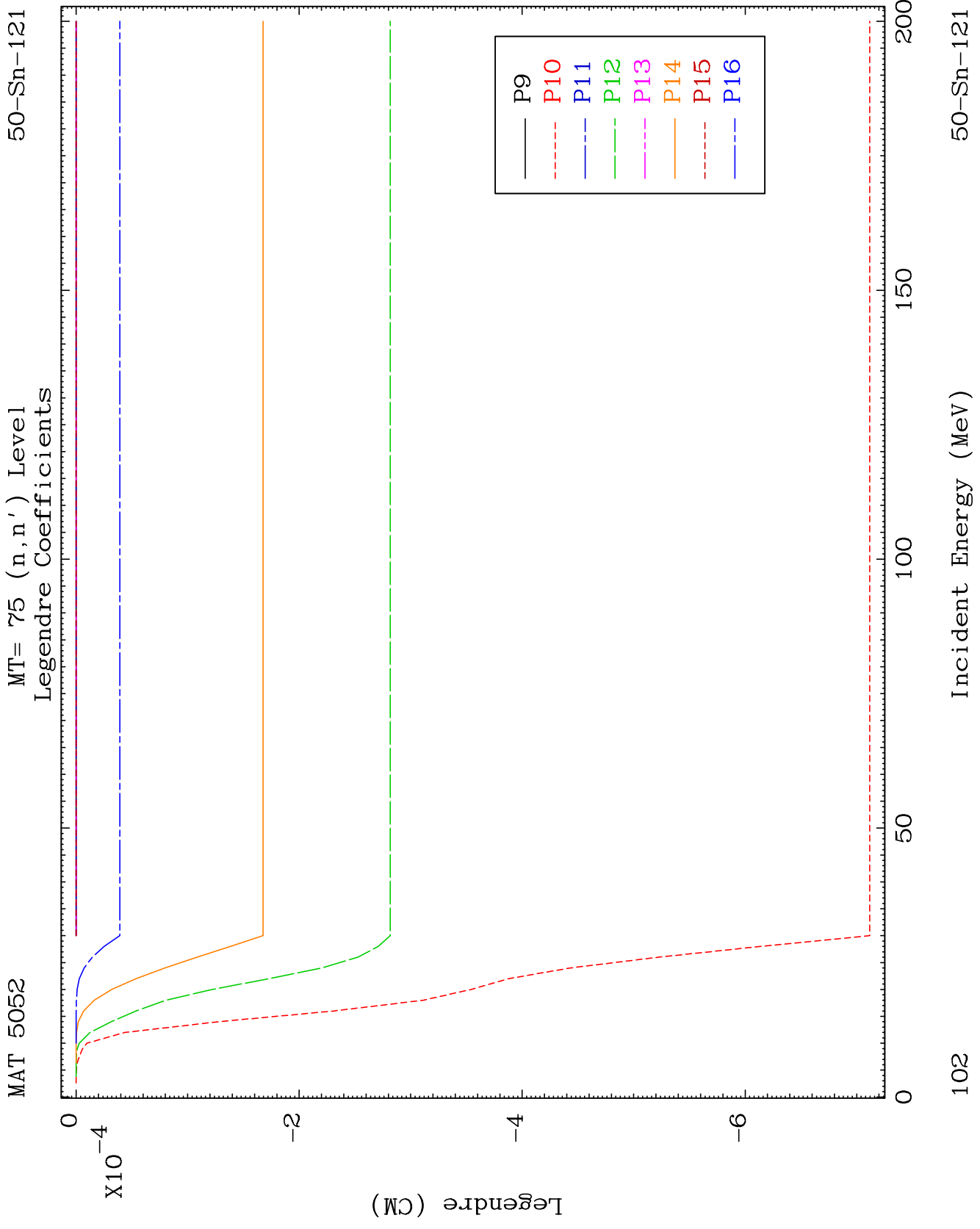
MAT 5052

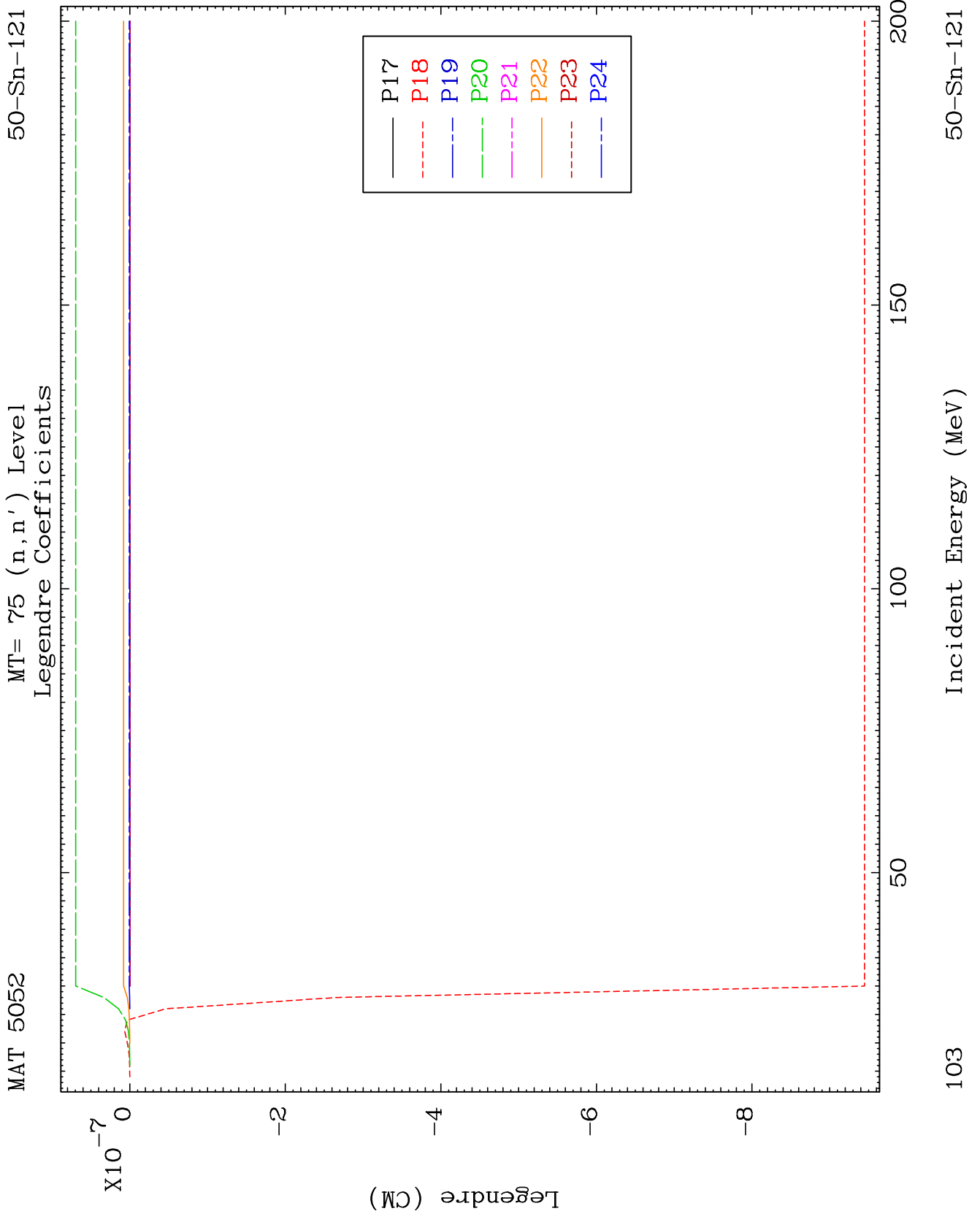
MT= 74 (n,n') Level
Legendre Coefficients

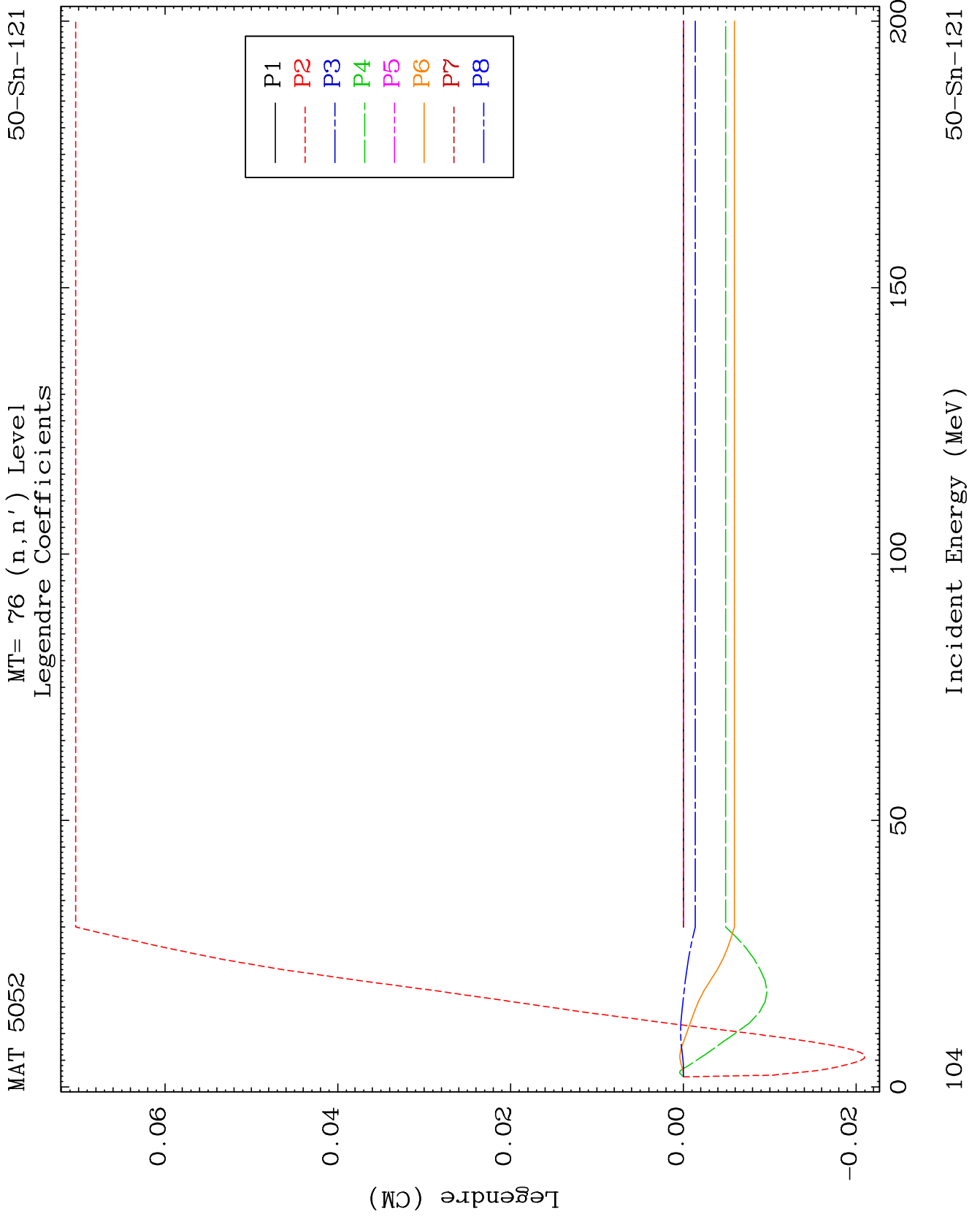
50-Sn-121

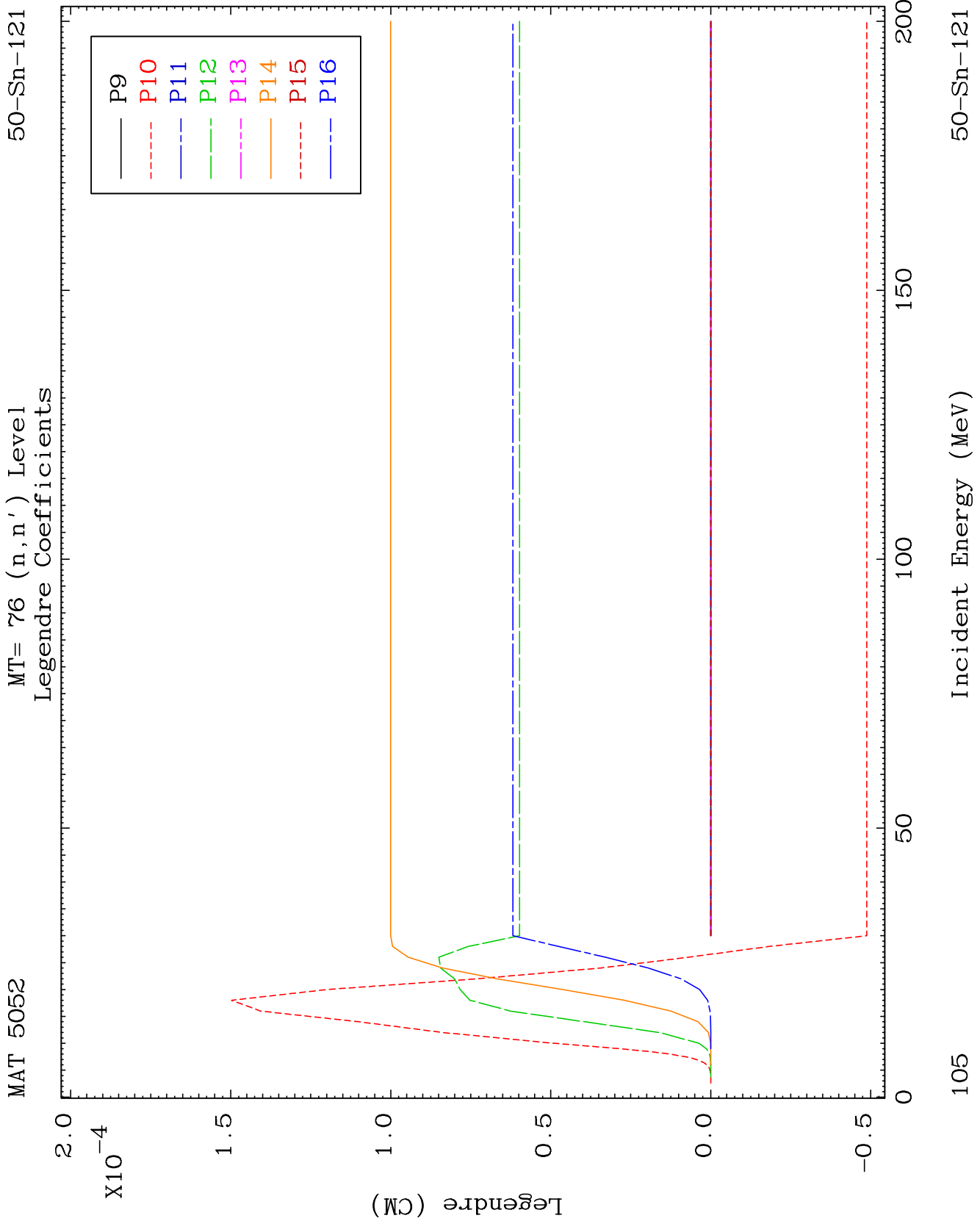


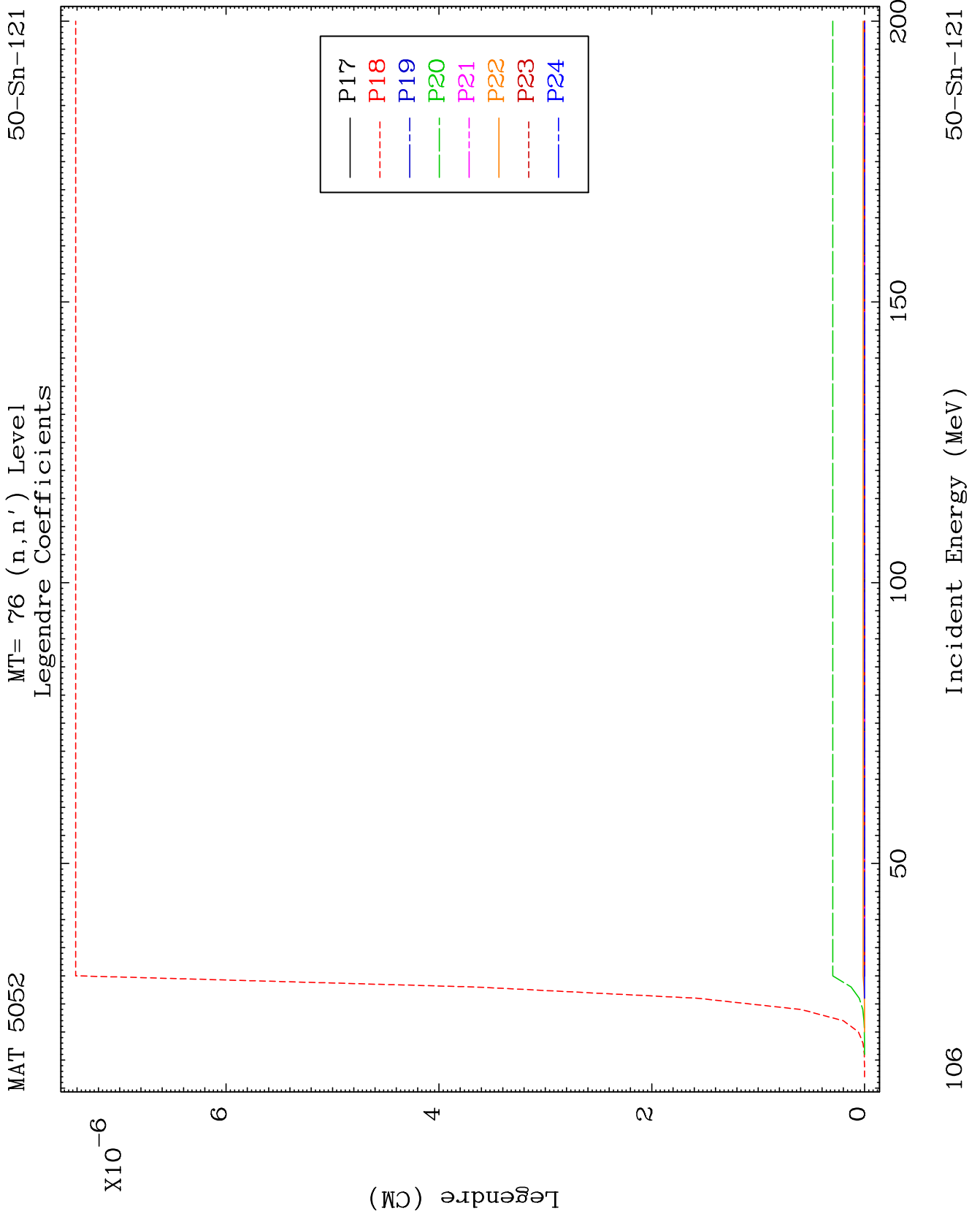


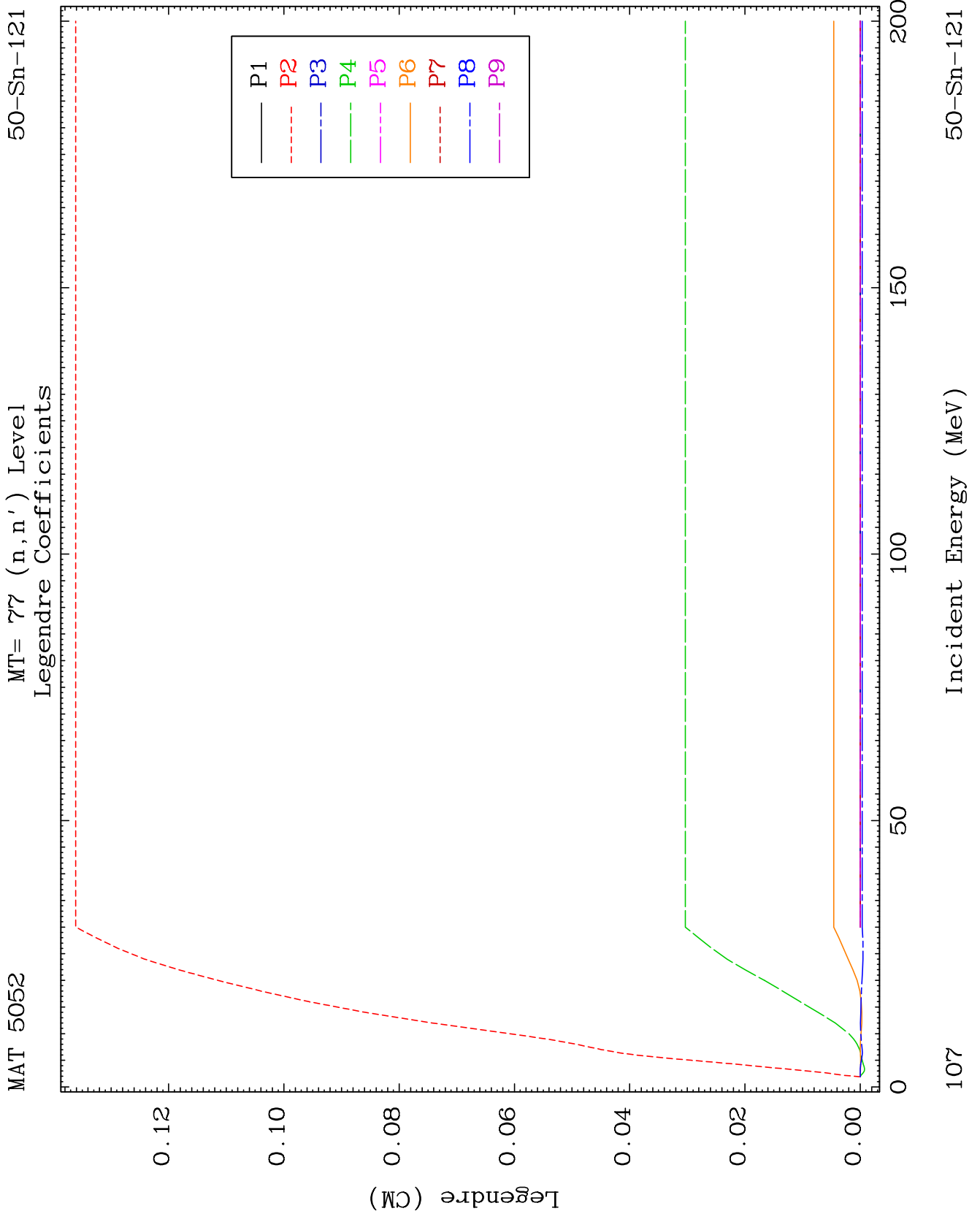


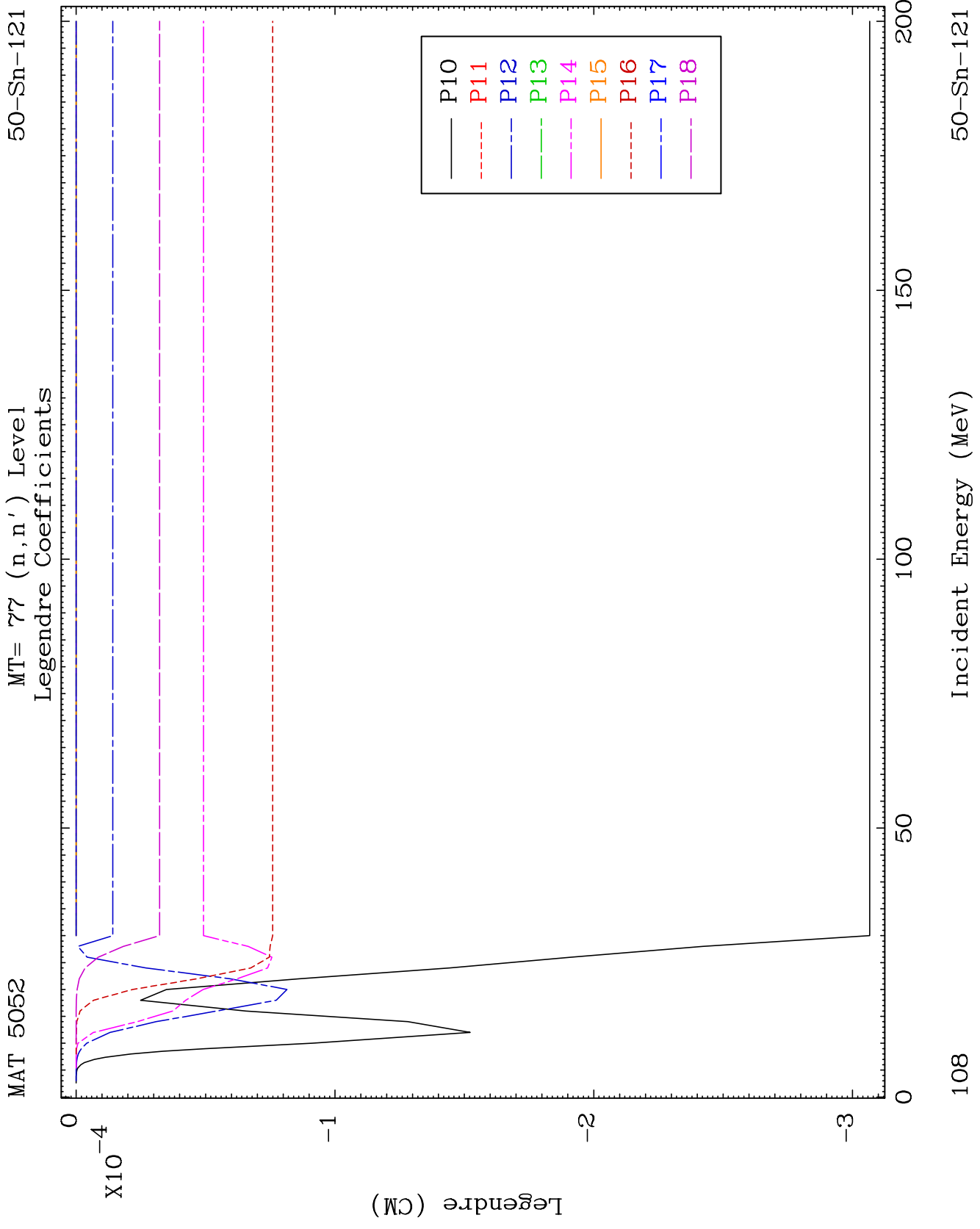


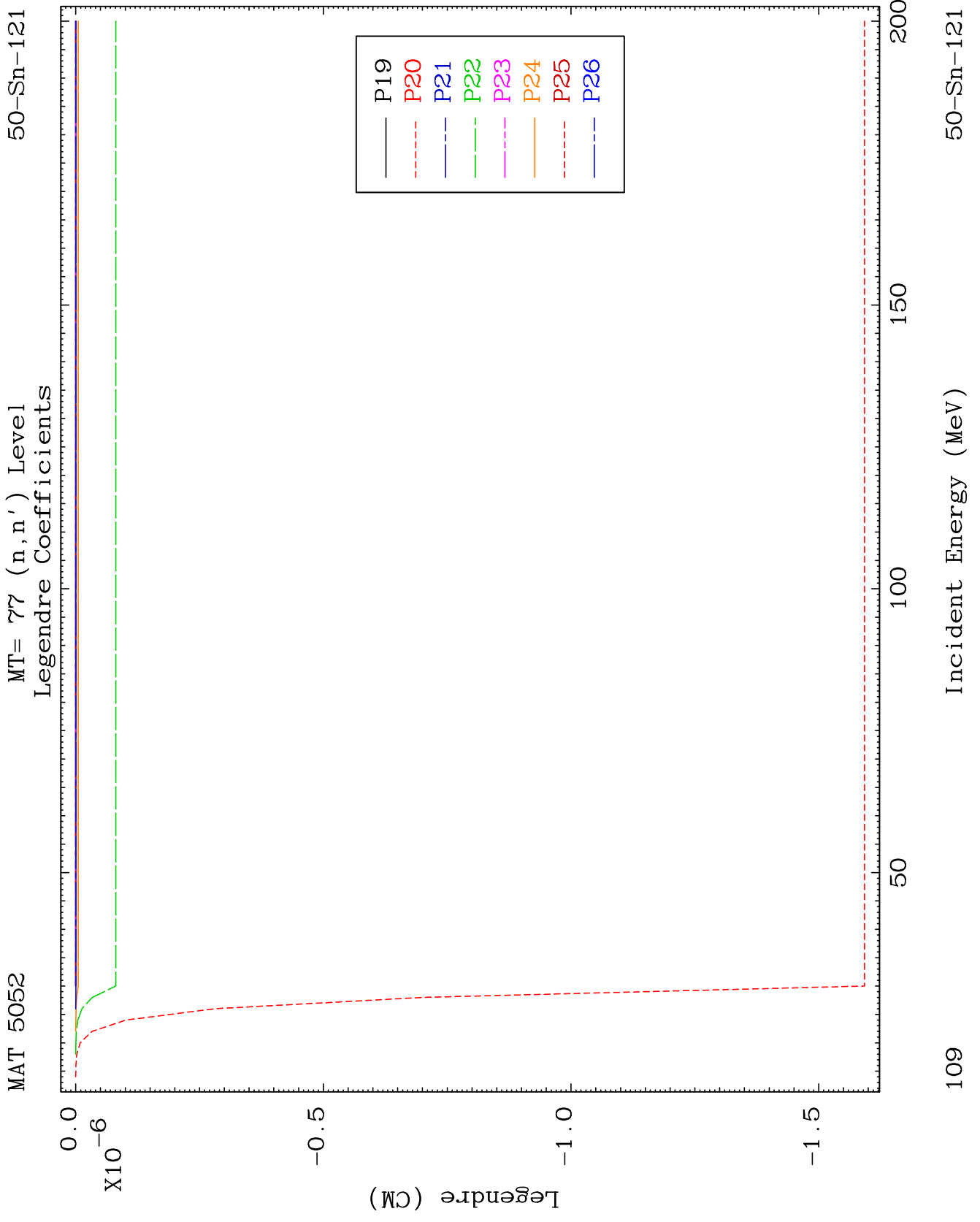


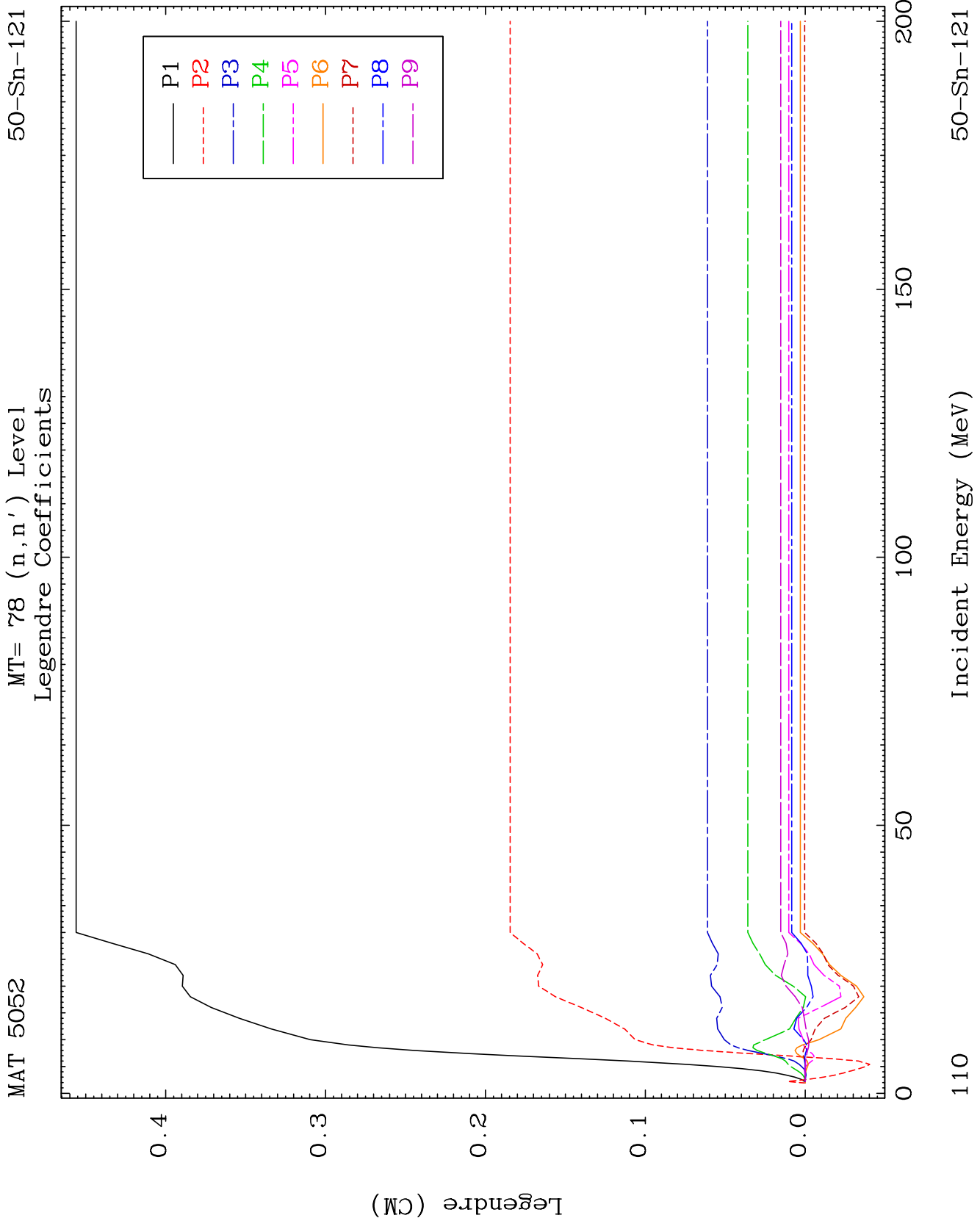


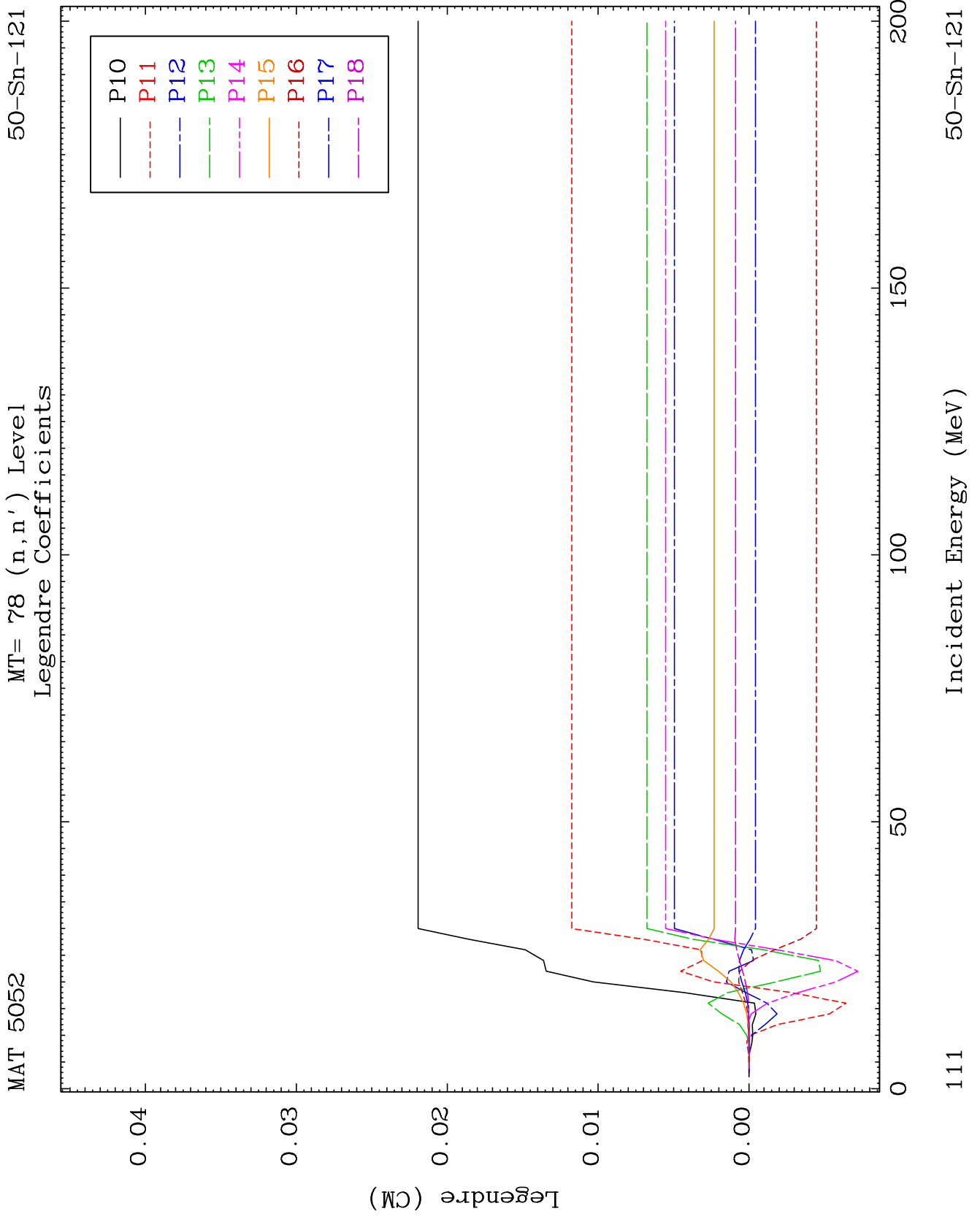


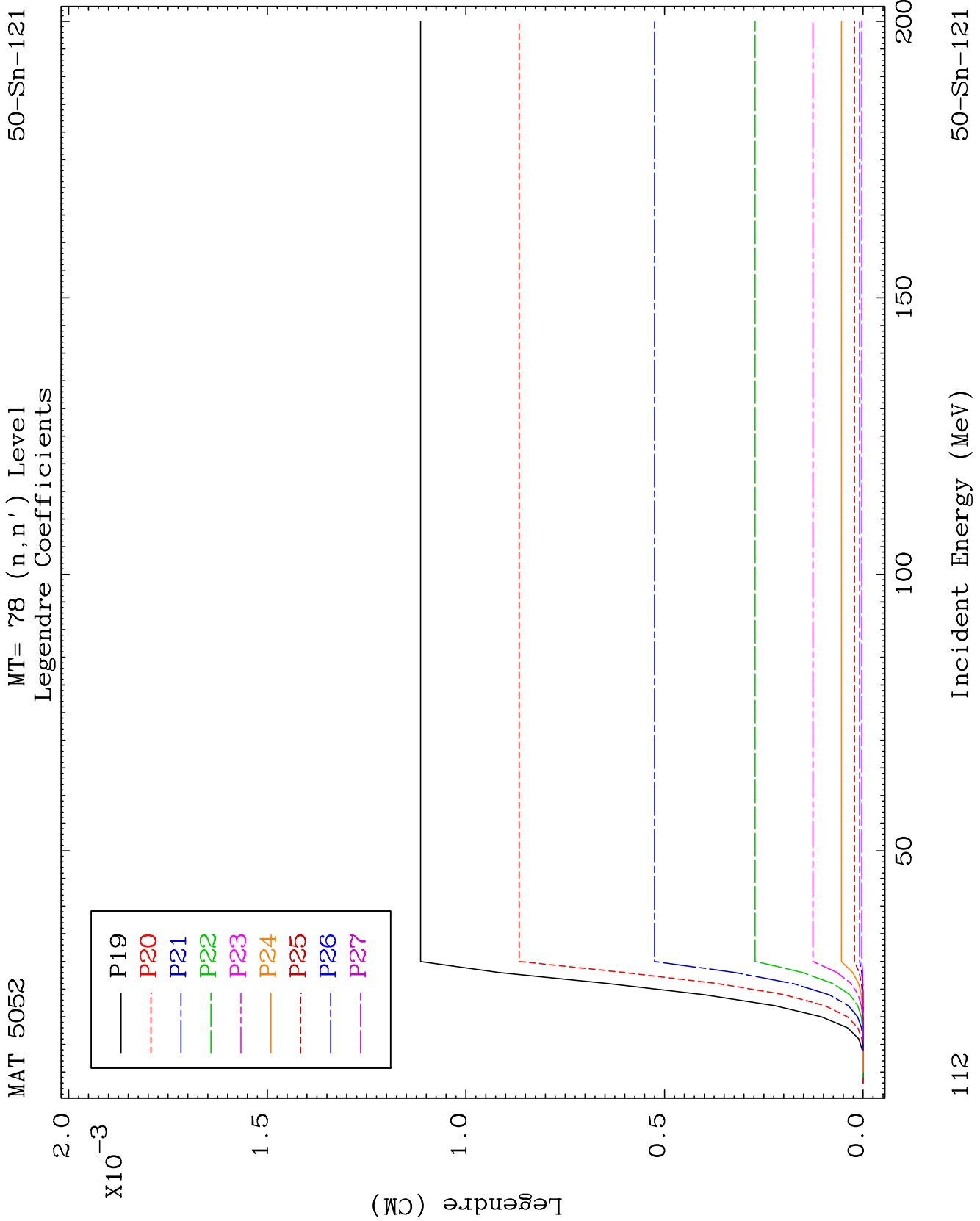








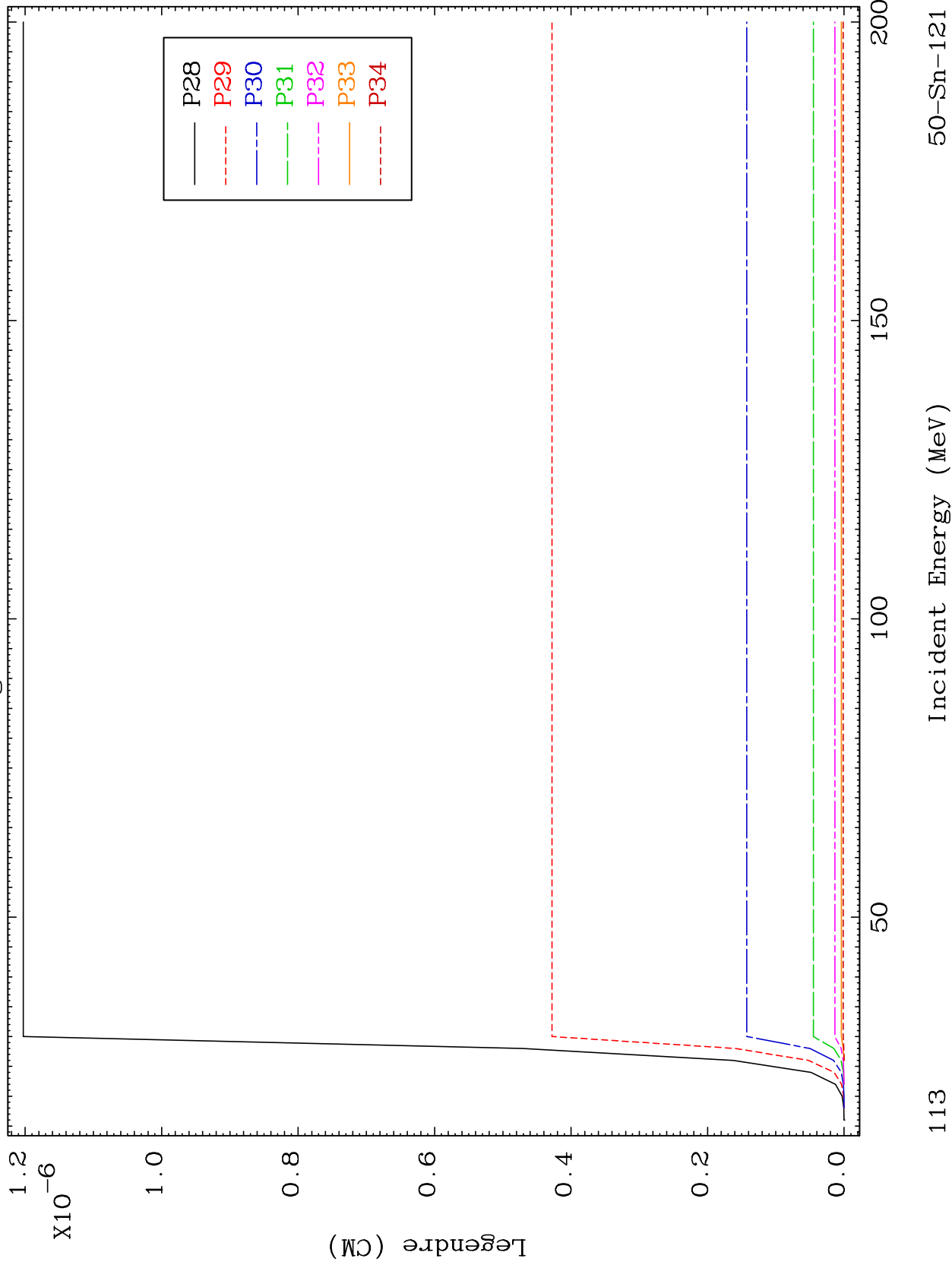




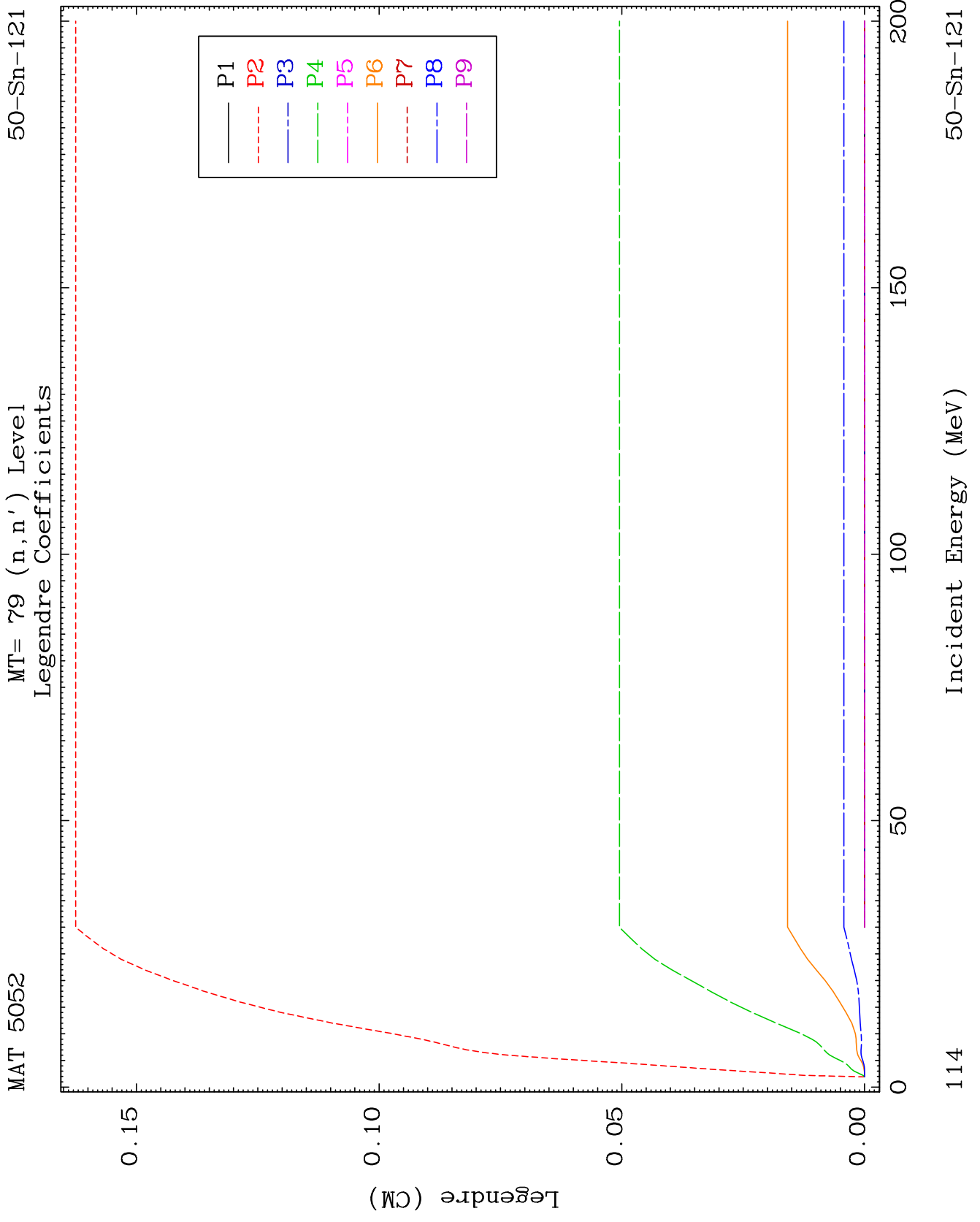
MAT 5052

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

50-Sn-121



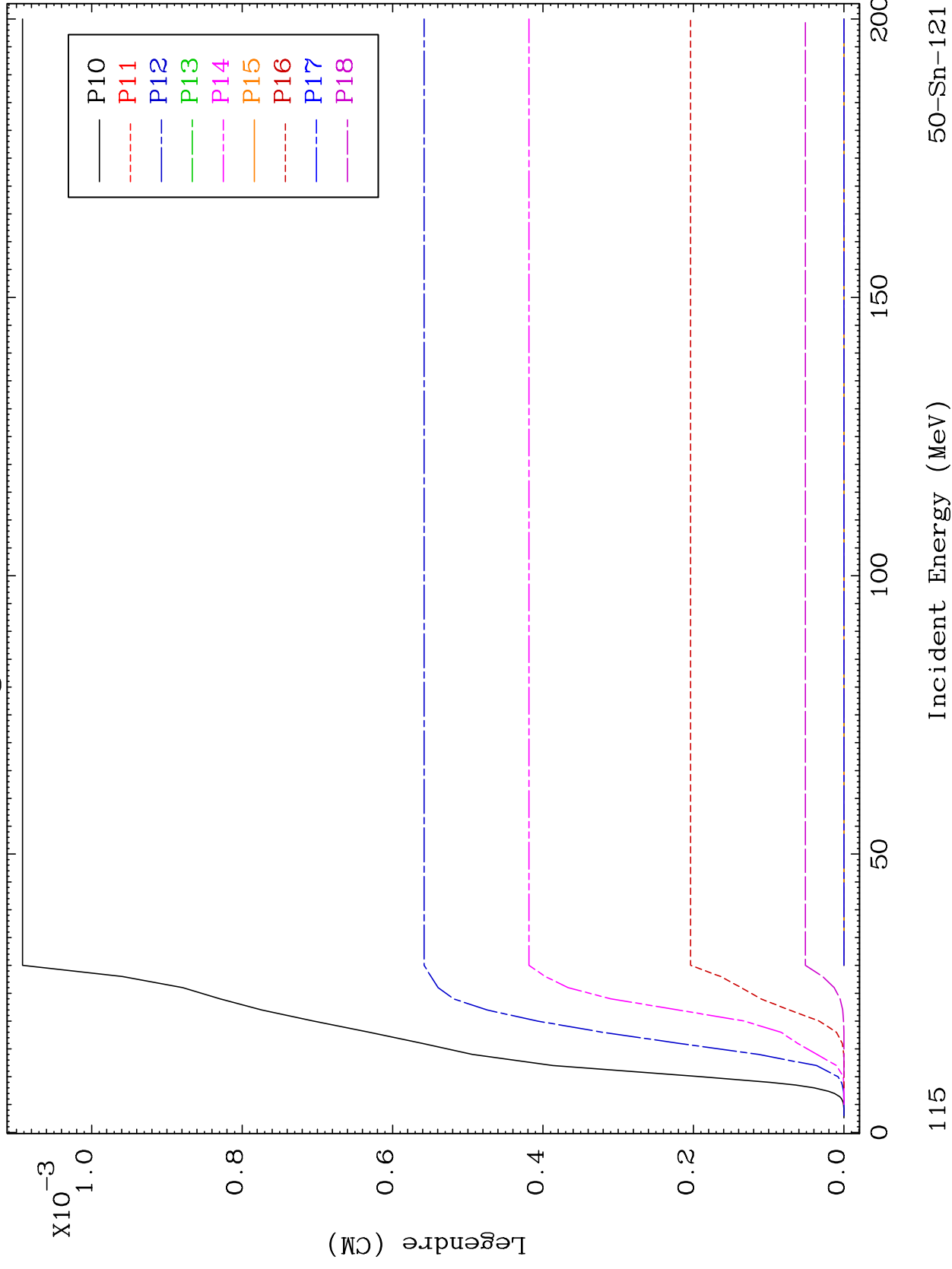
113

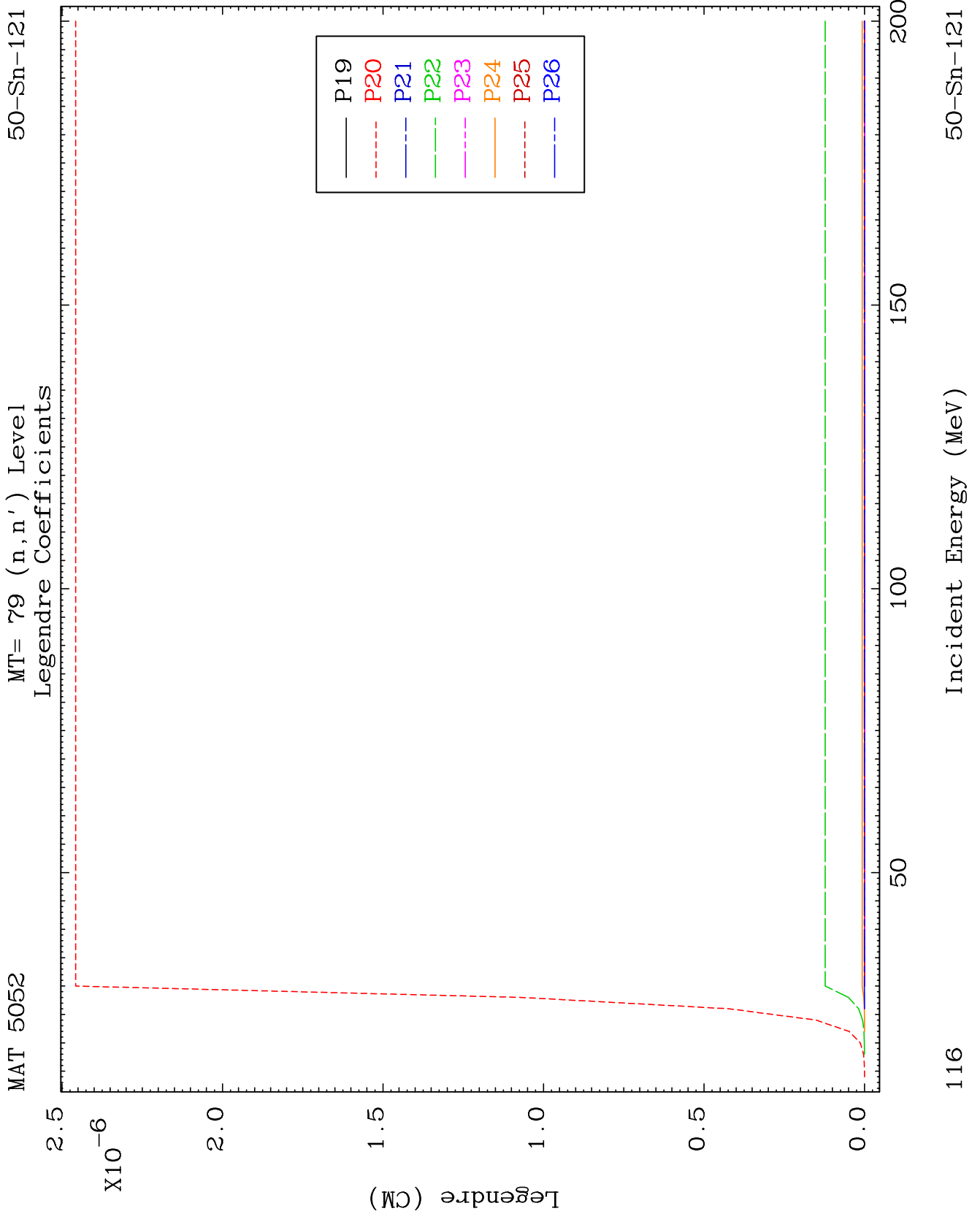


MAT 5052

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

50-Sn-121

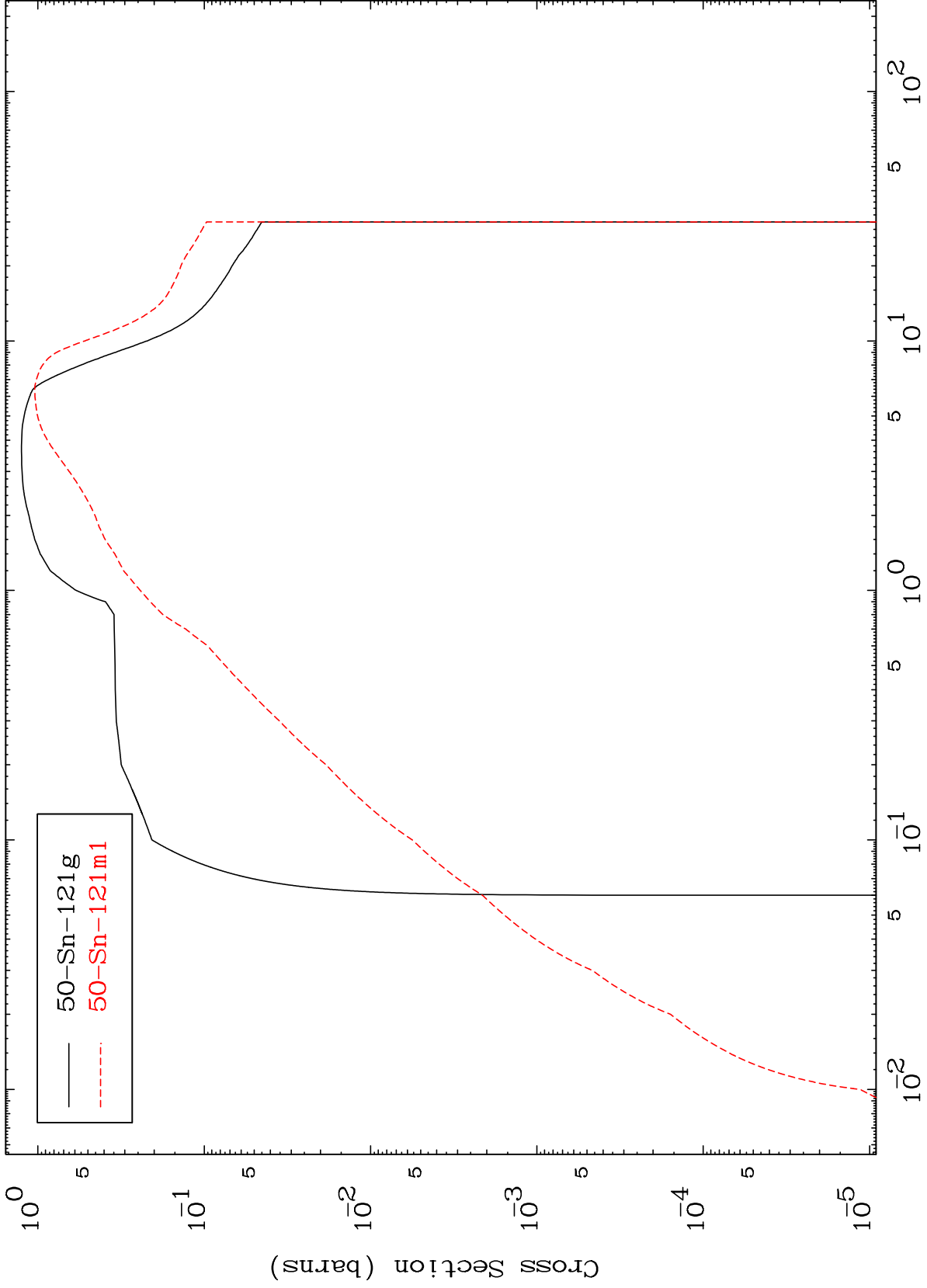




MAT 5052

50-Sn-121

Inelastic
Radionuclide Production Cross Section



117

50-Sn-121

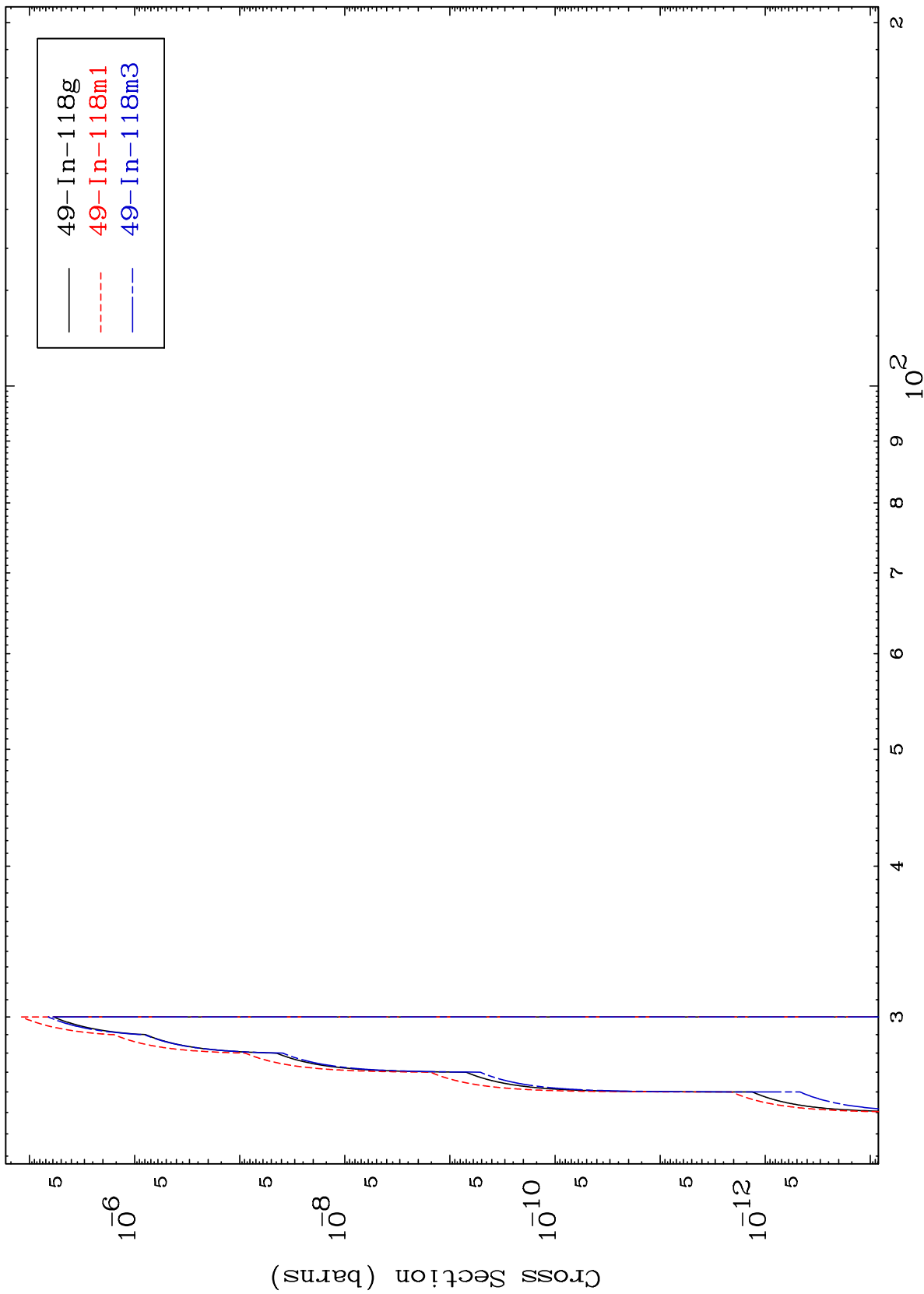
Incident Energy (MeV)

MAT 5052

(n,2n) d

50-Sn-121

Radionuclide Production Cross Section



118

Incident Energy (MeV)

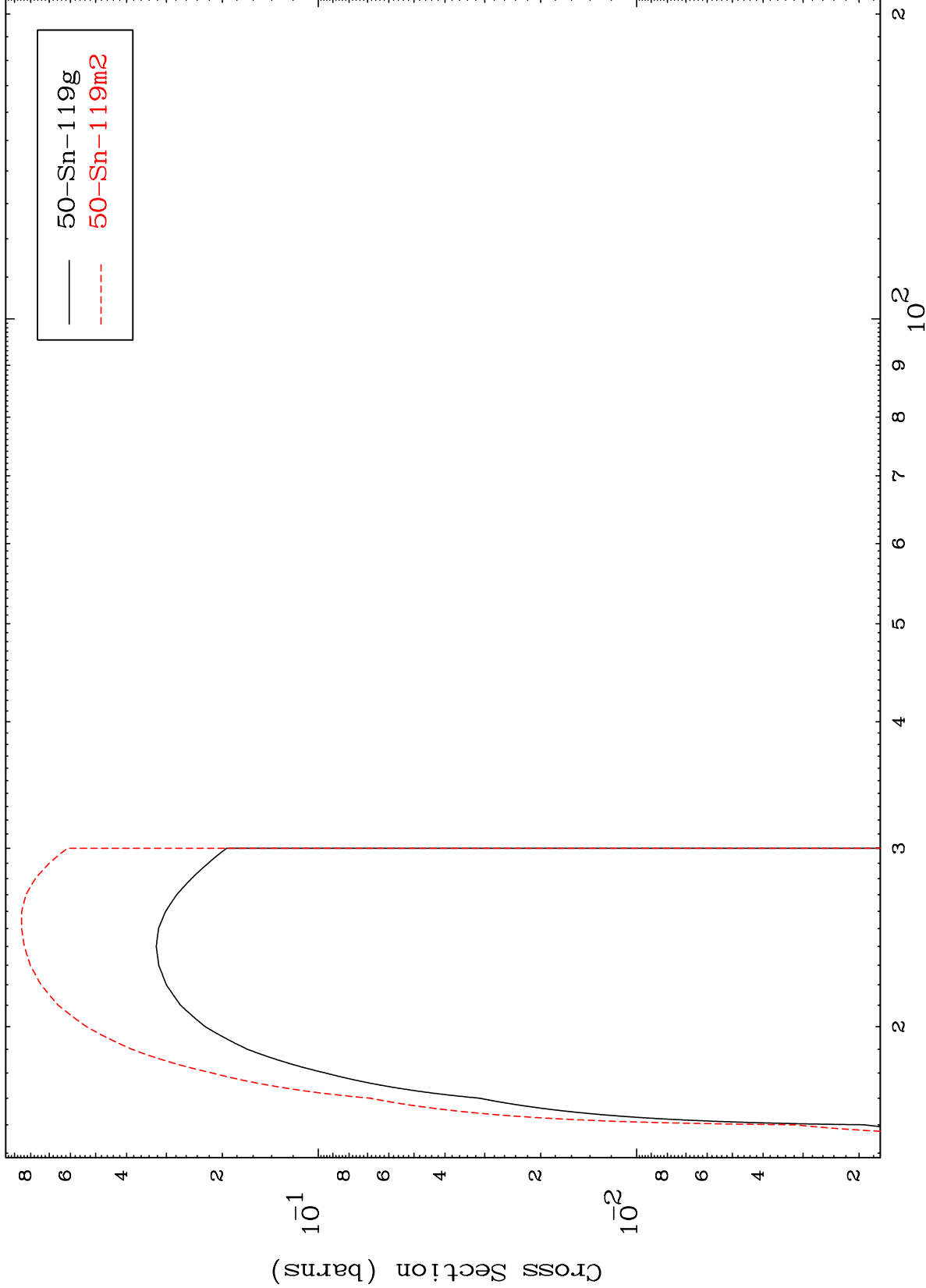
50-Sn-121

MAT 5052

(n,3n)

50-Sn-121

Radionuclide Production Cross Section

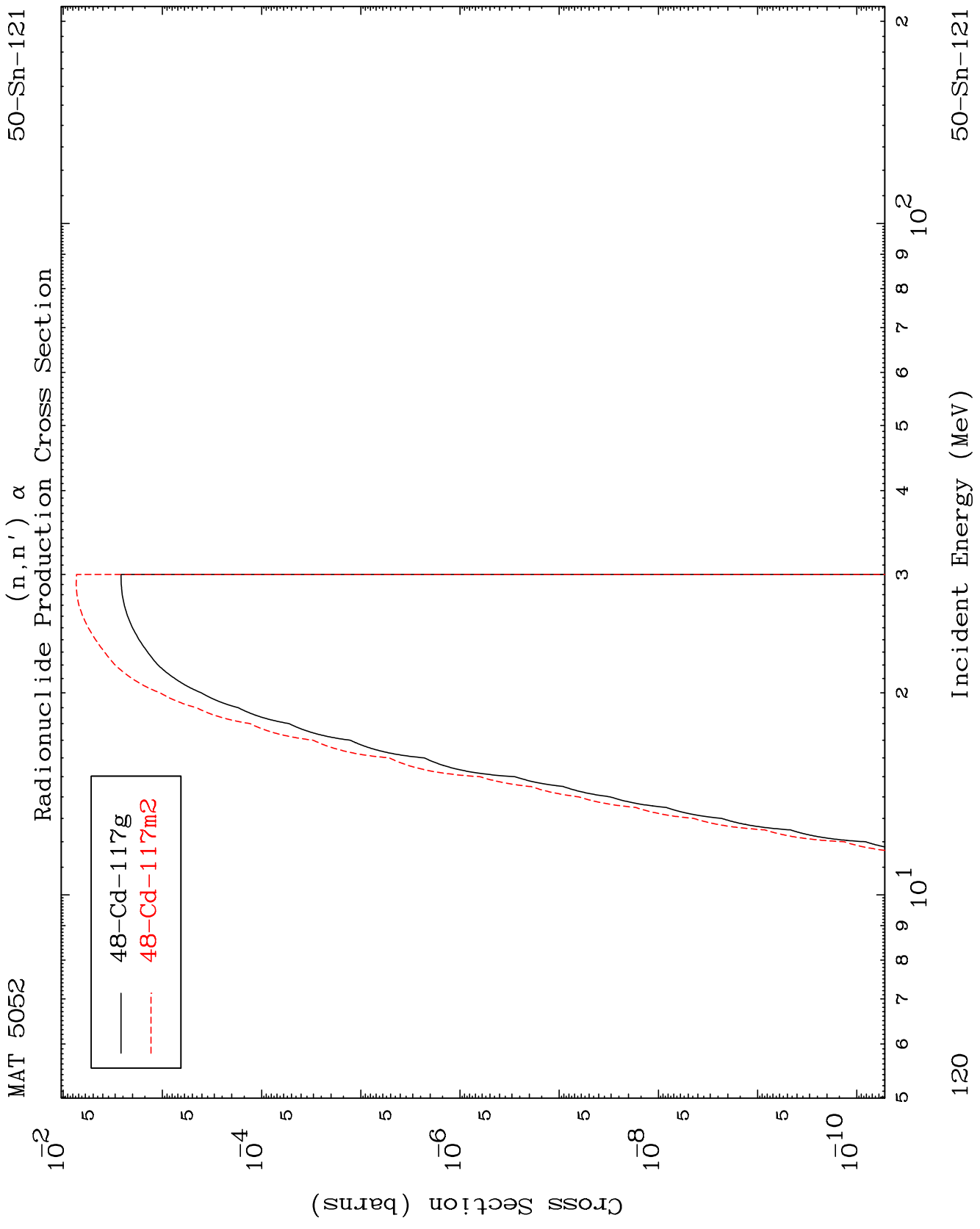


50-Sn-119g
50-Sn-119m2

119

Incident Energy (MeV)

50-Sn-121

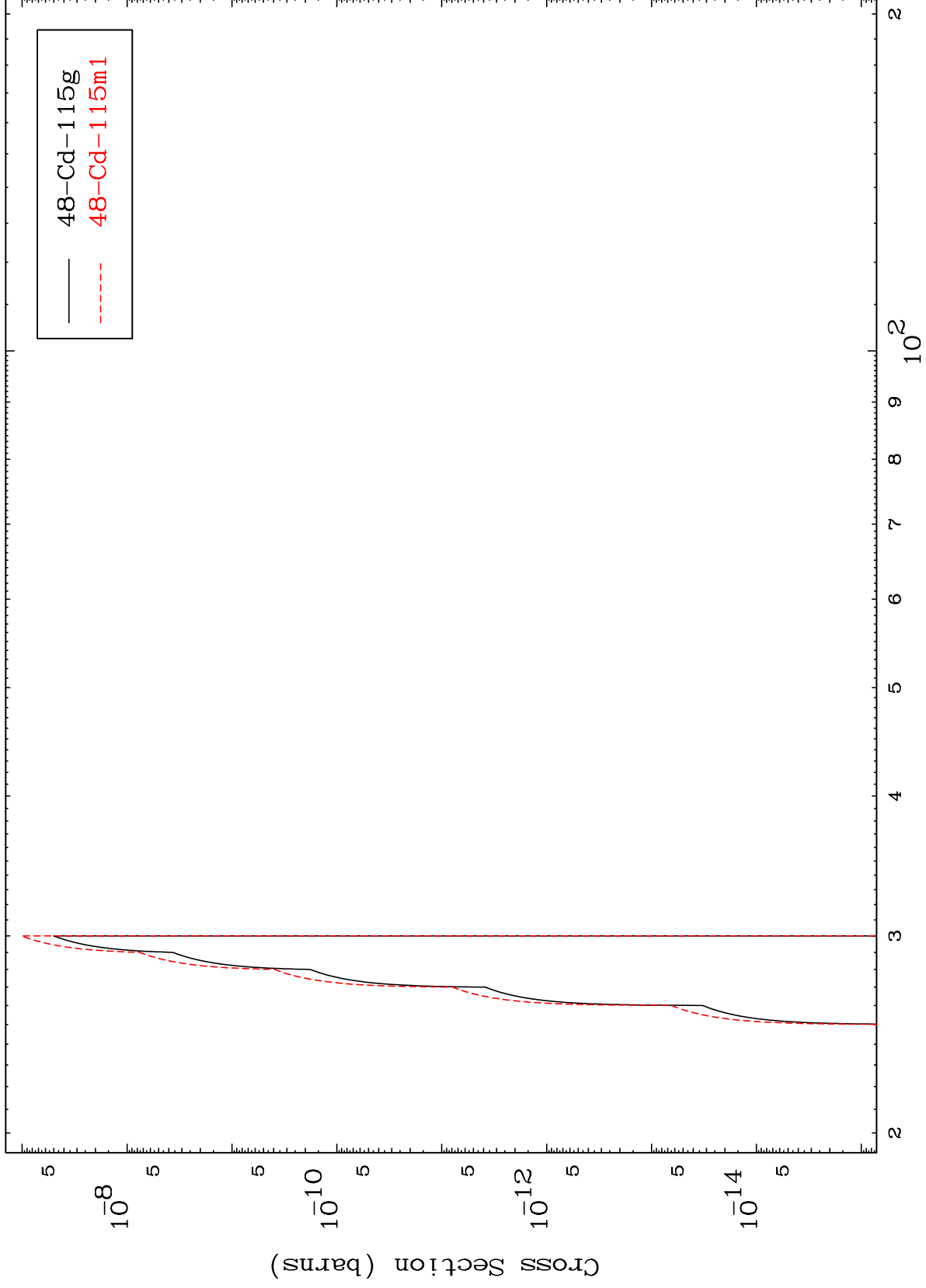


MAT 5052

(n,3n) α

50-Sn-121

Radionuclide Production Cross Section

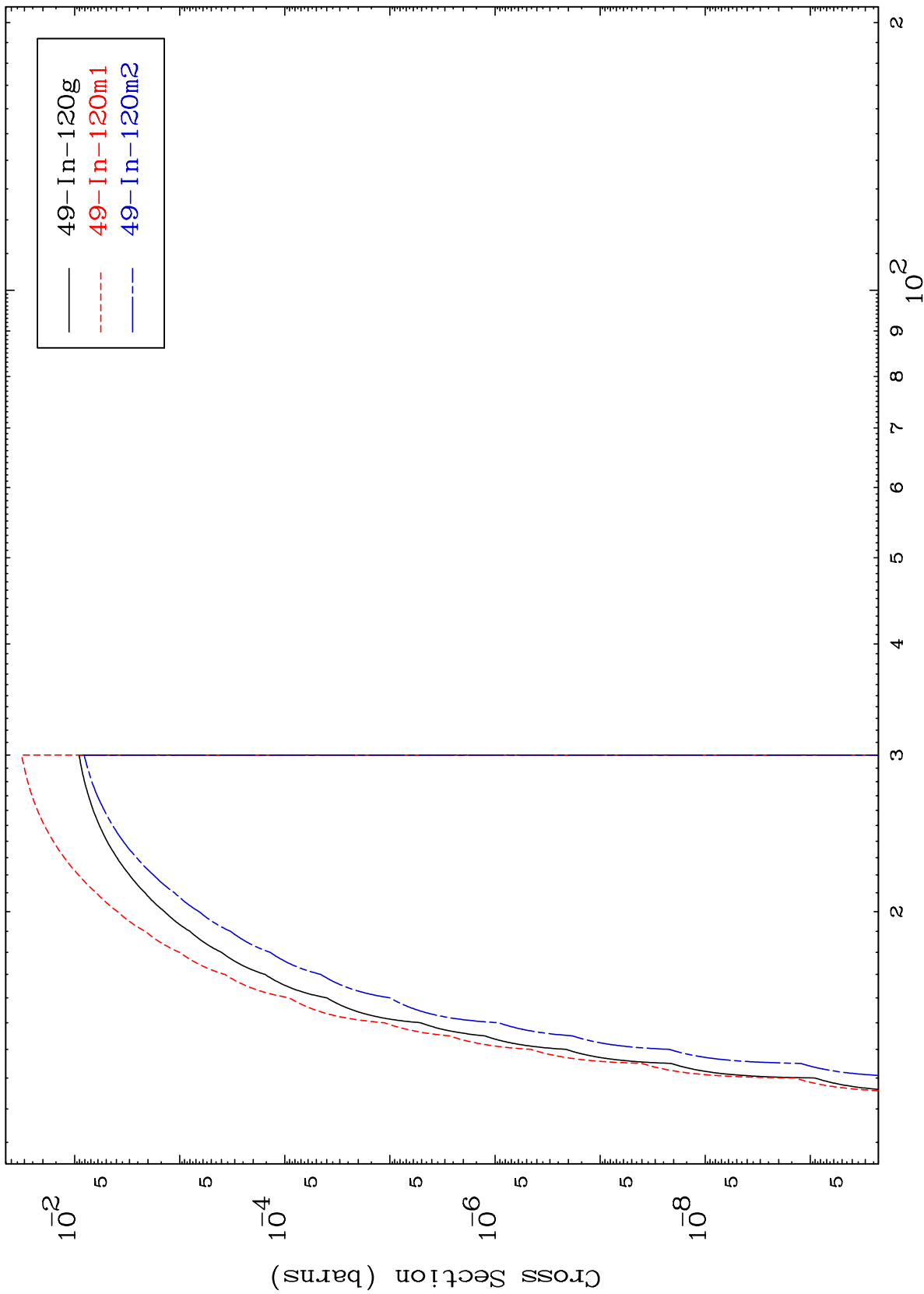


121

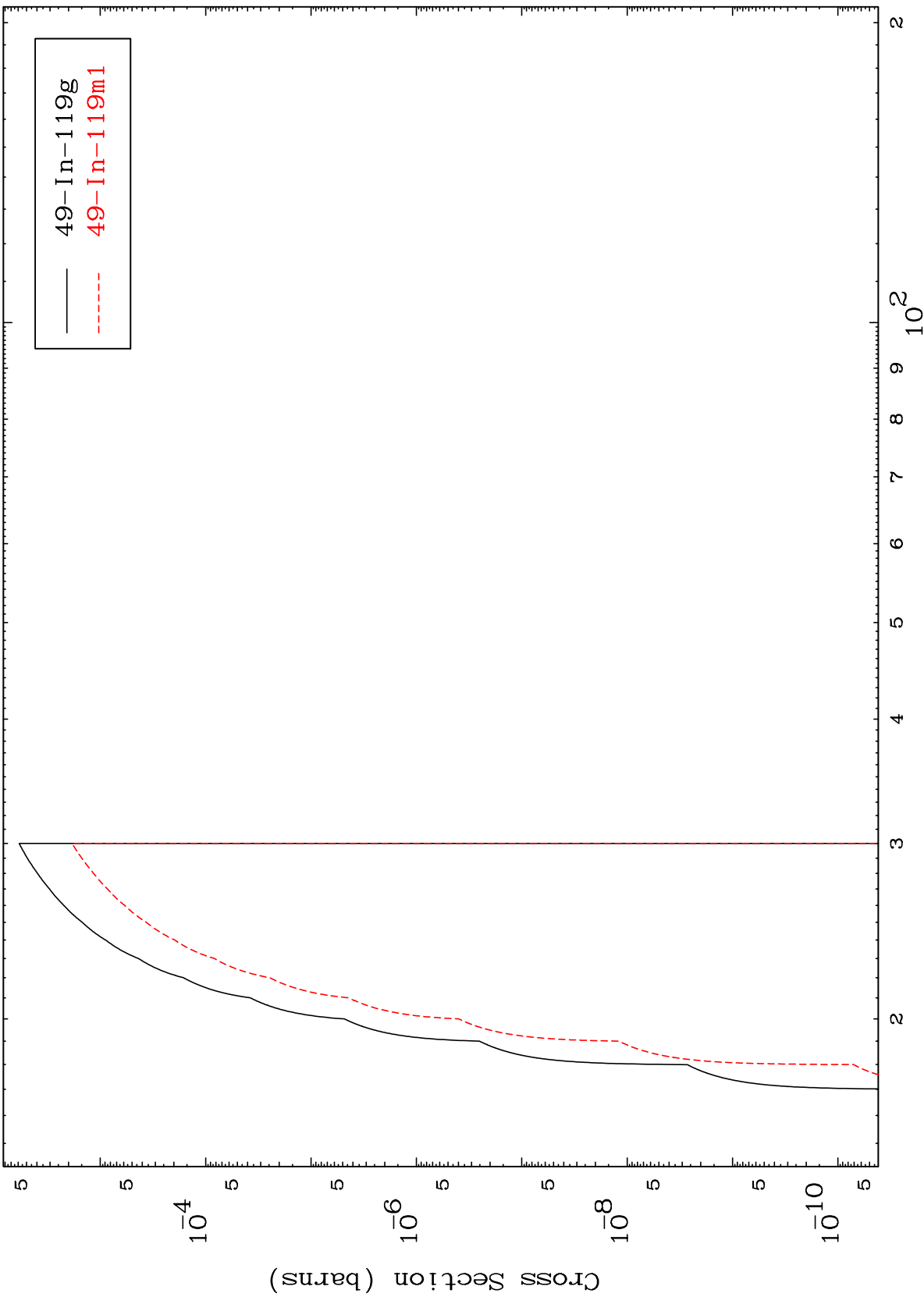
Incident Energy (MeV)

50-Sn-121

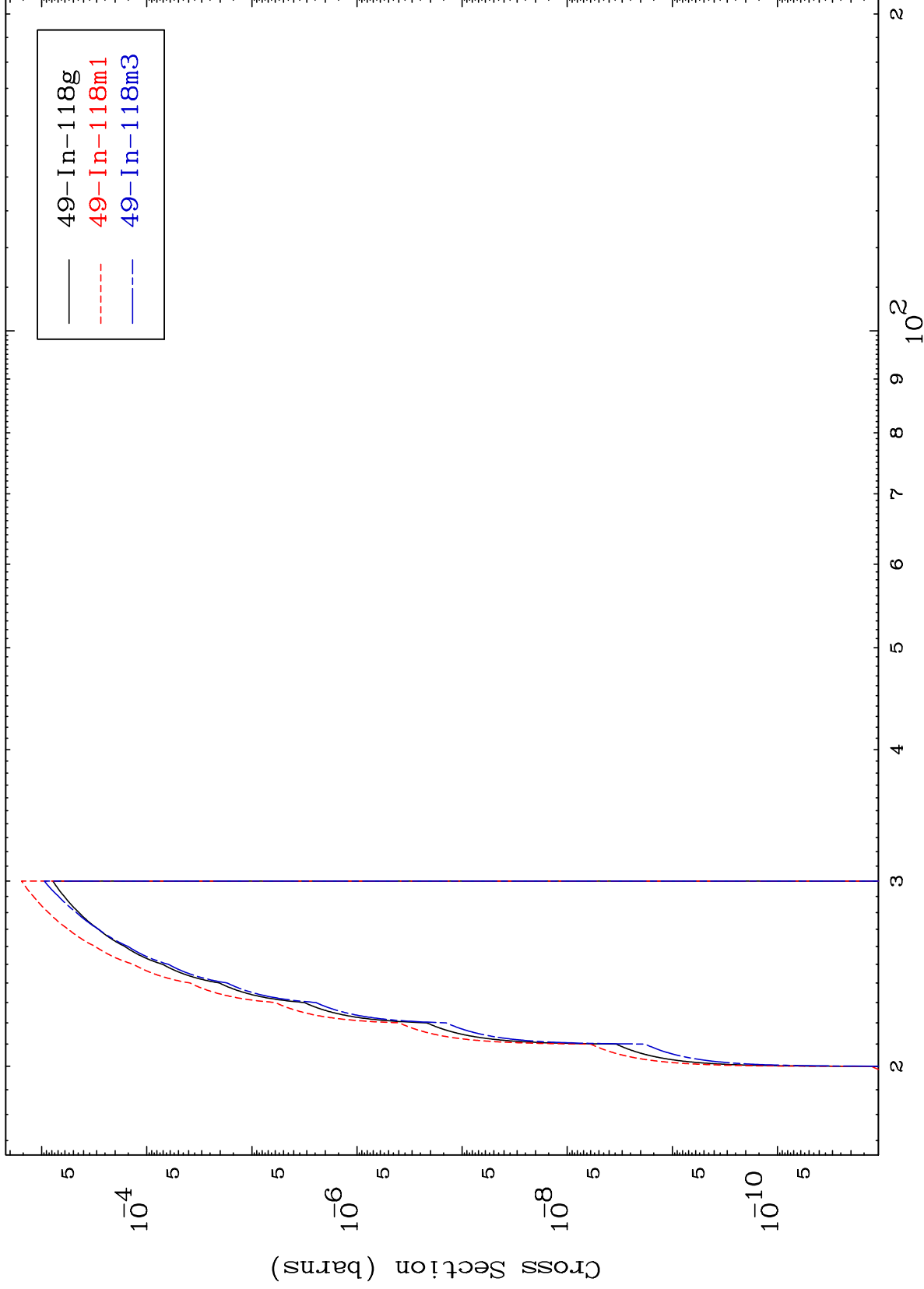
Radionuclide Production Cross Section



Radionuclide Production Cross Section



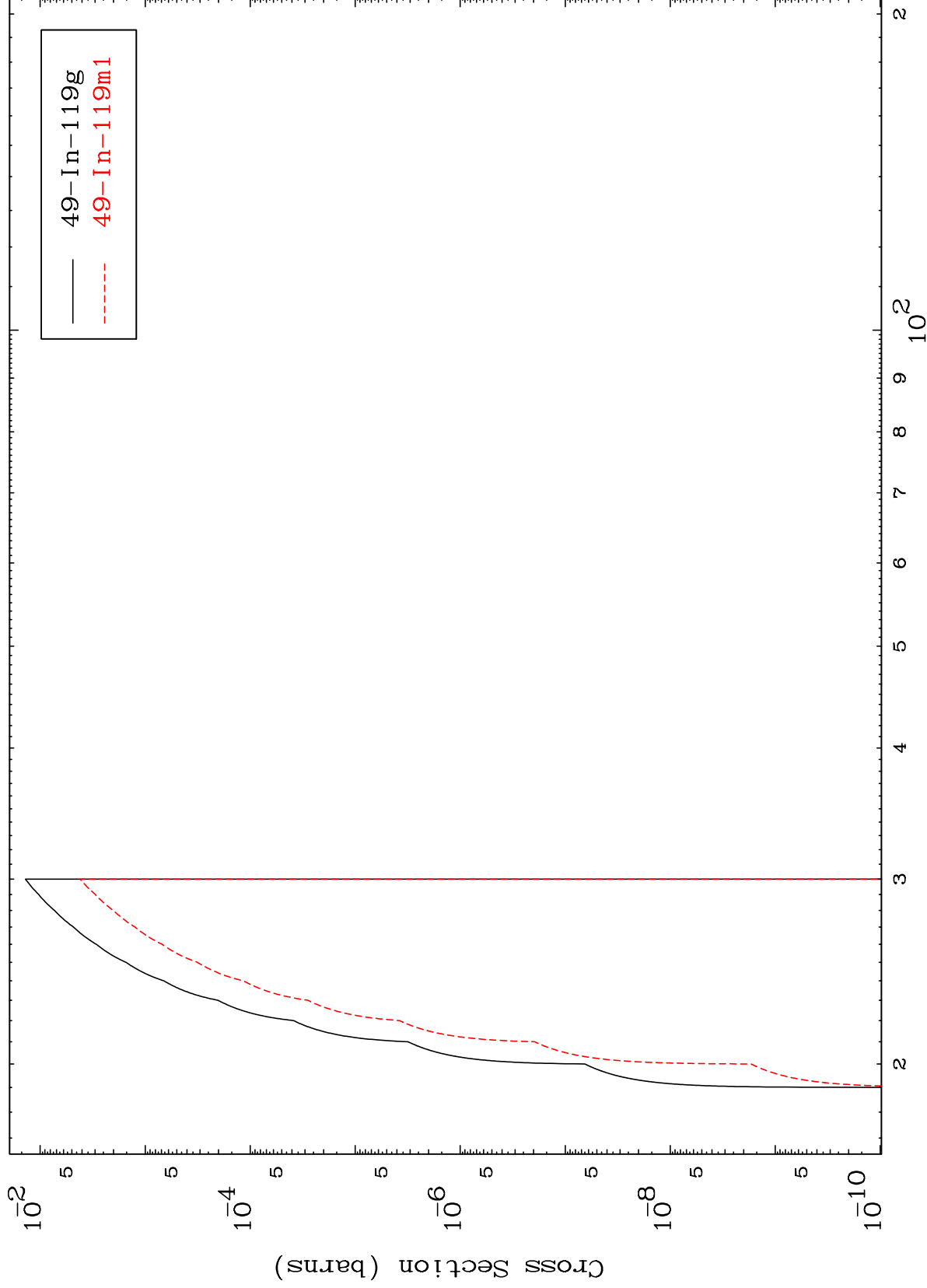
Radionuclide Production Cross Section



MAT 5052

50-Sn-121

(n,2n) p
Radionuclide Production Cross Section

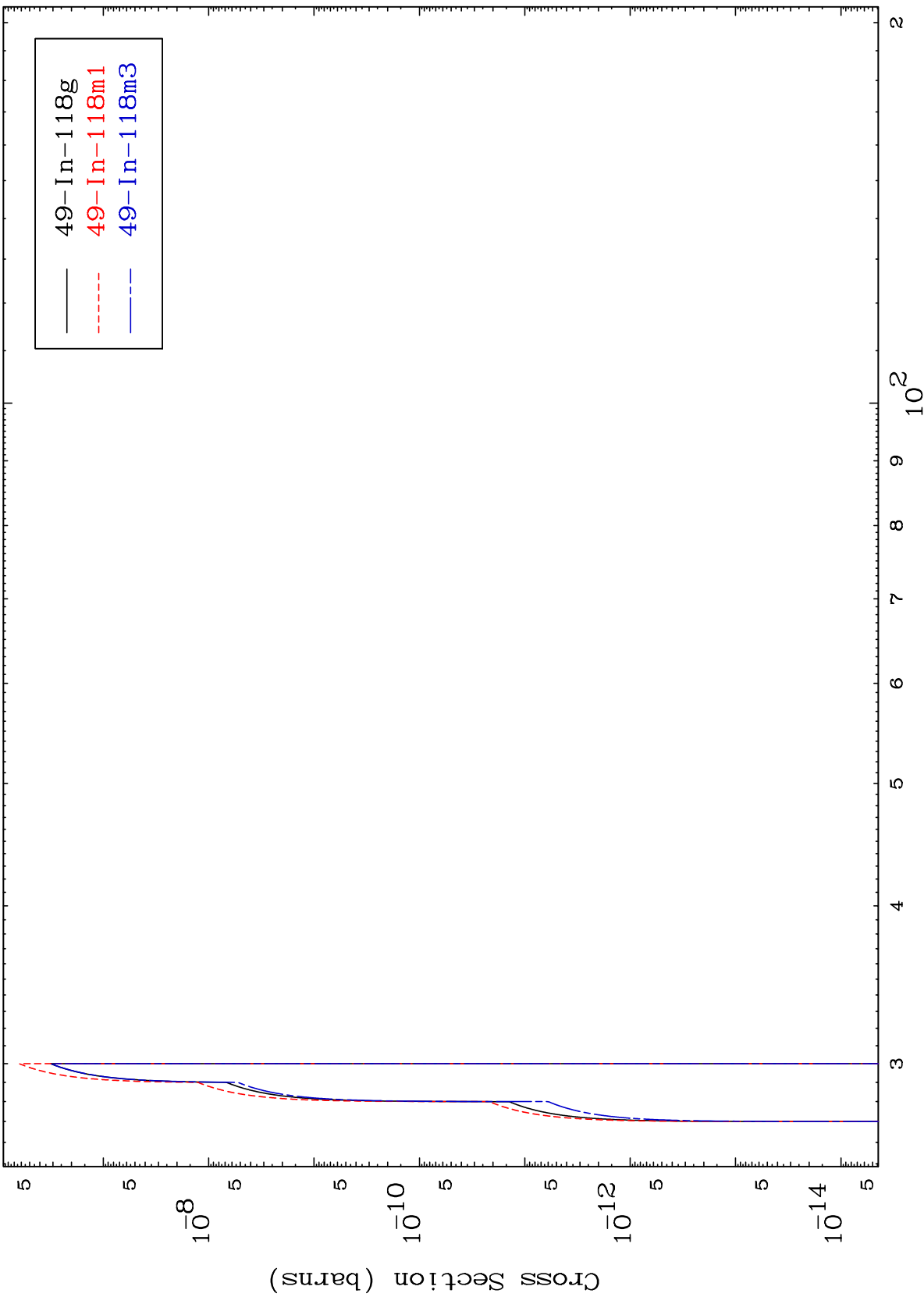


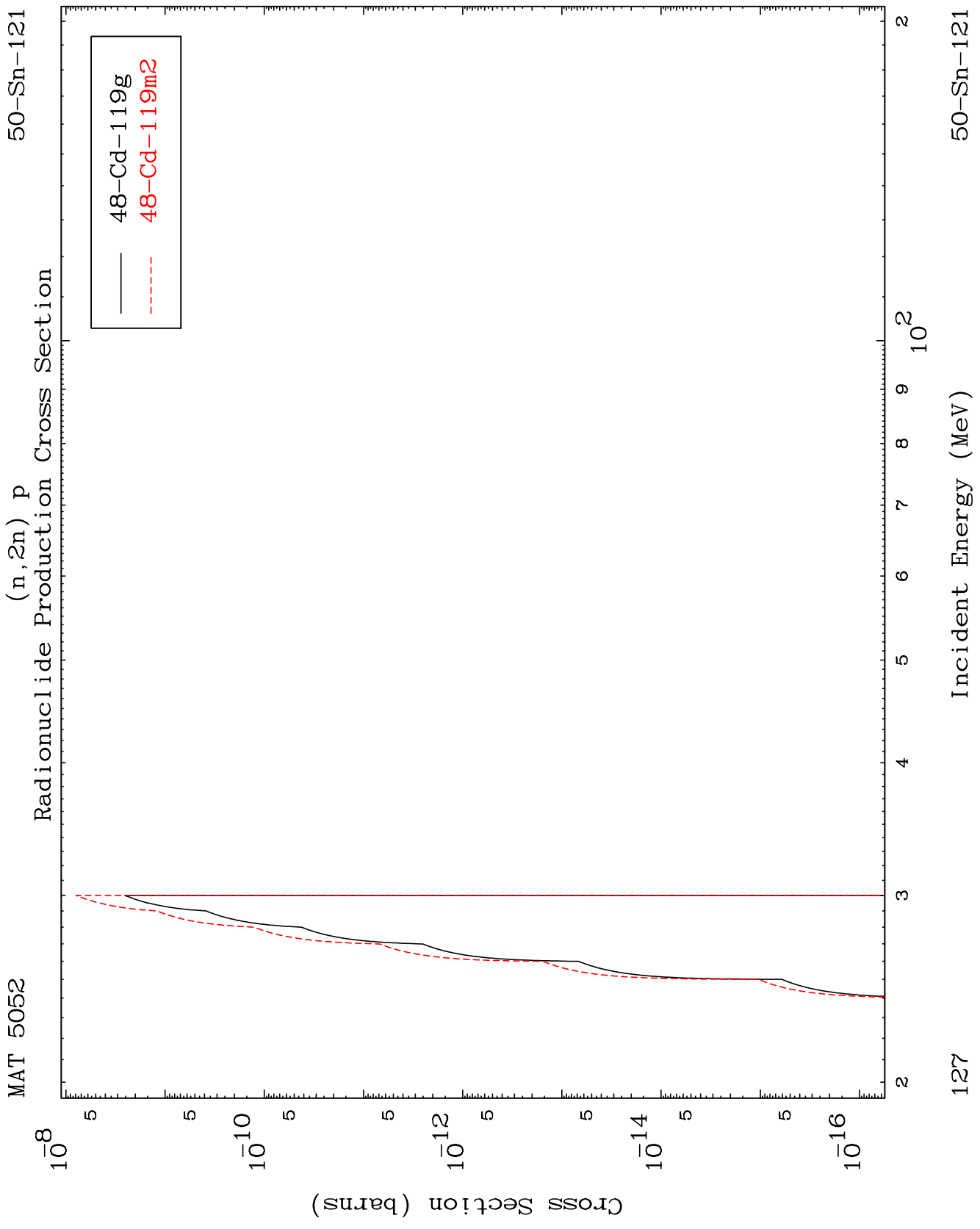
50-Sn-121

Incident Energy (MeV)

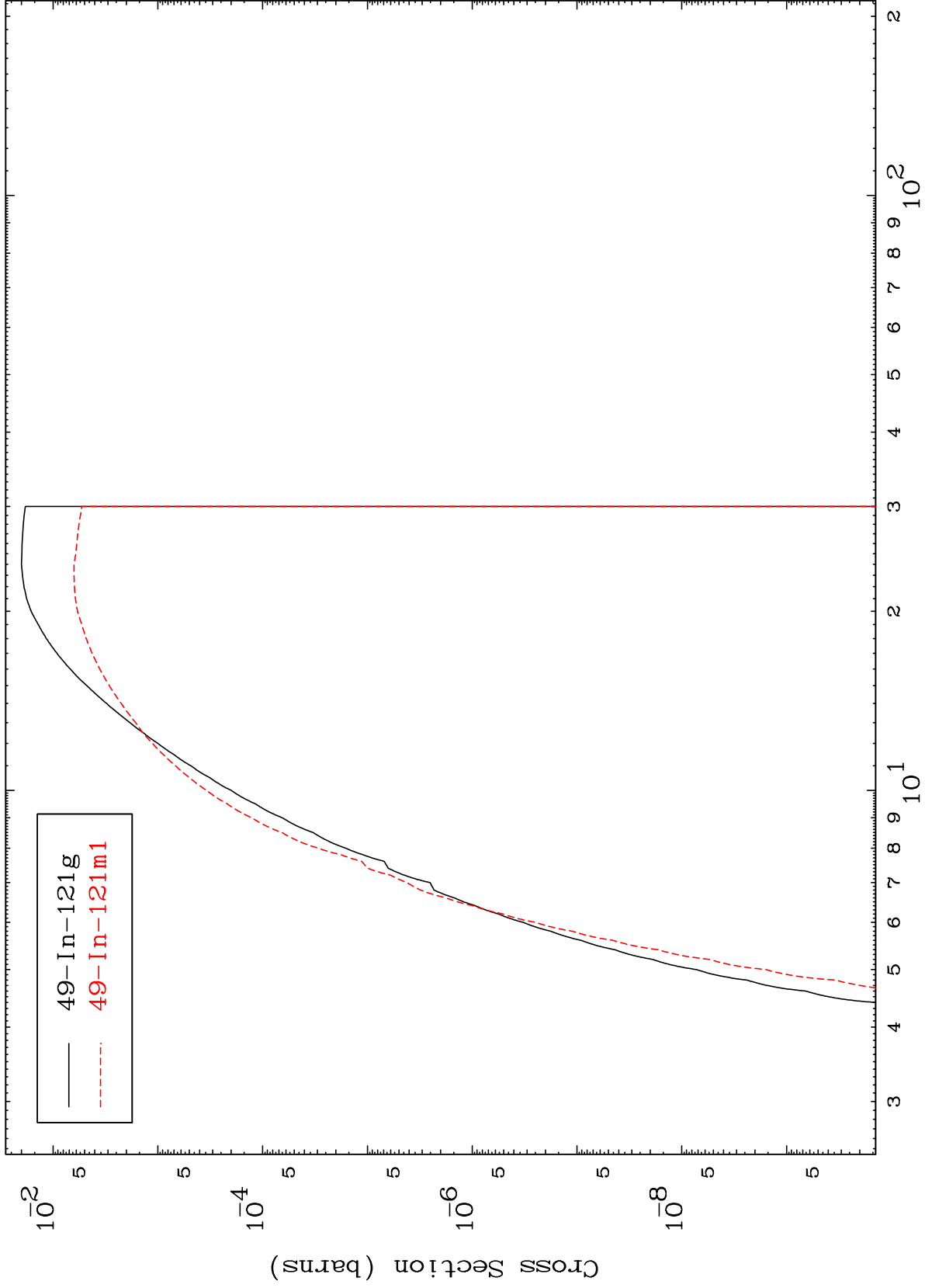
125

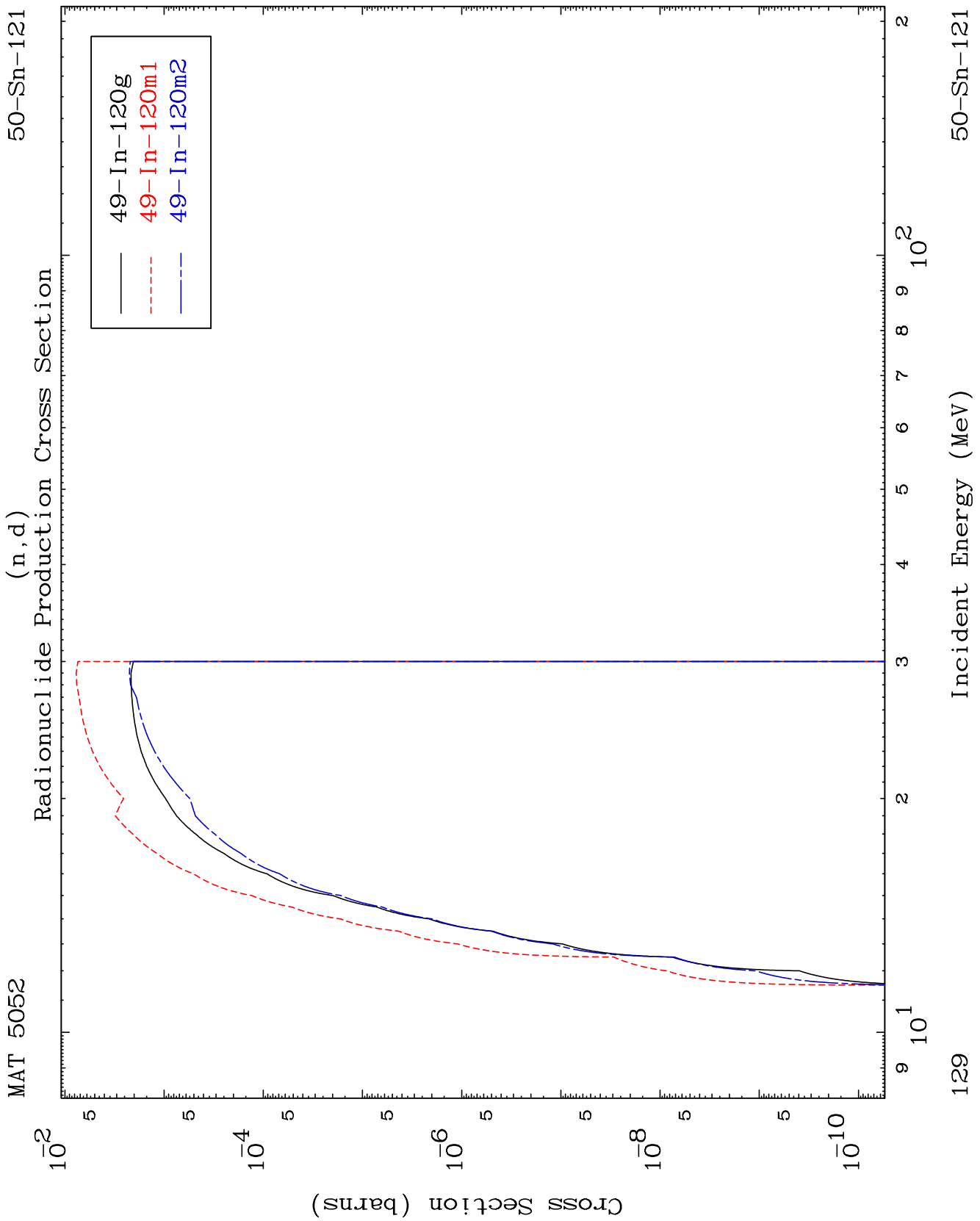
Radionuclide Production Cross Section





(n,p)
Radionuclide Production Cross Section

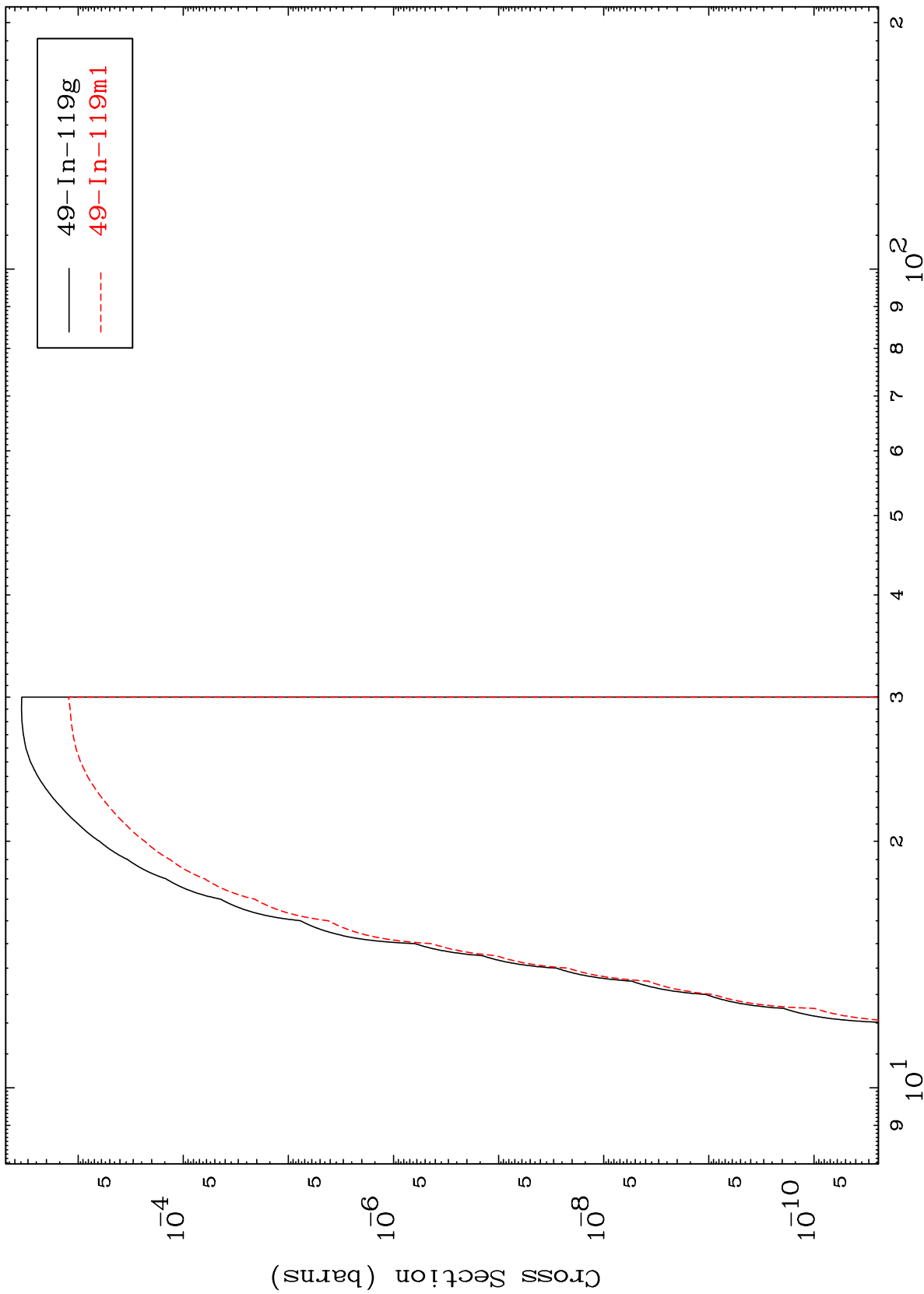




MAT 5052

50-Sn-121

(n,t)
Radionuclide Production Cross Section



50-Sn-121

Incident Energy (MeV)

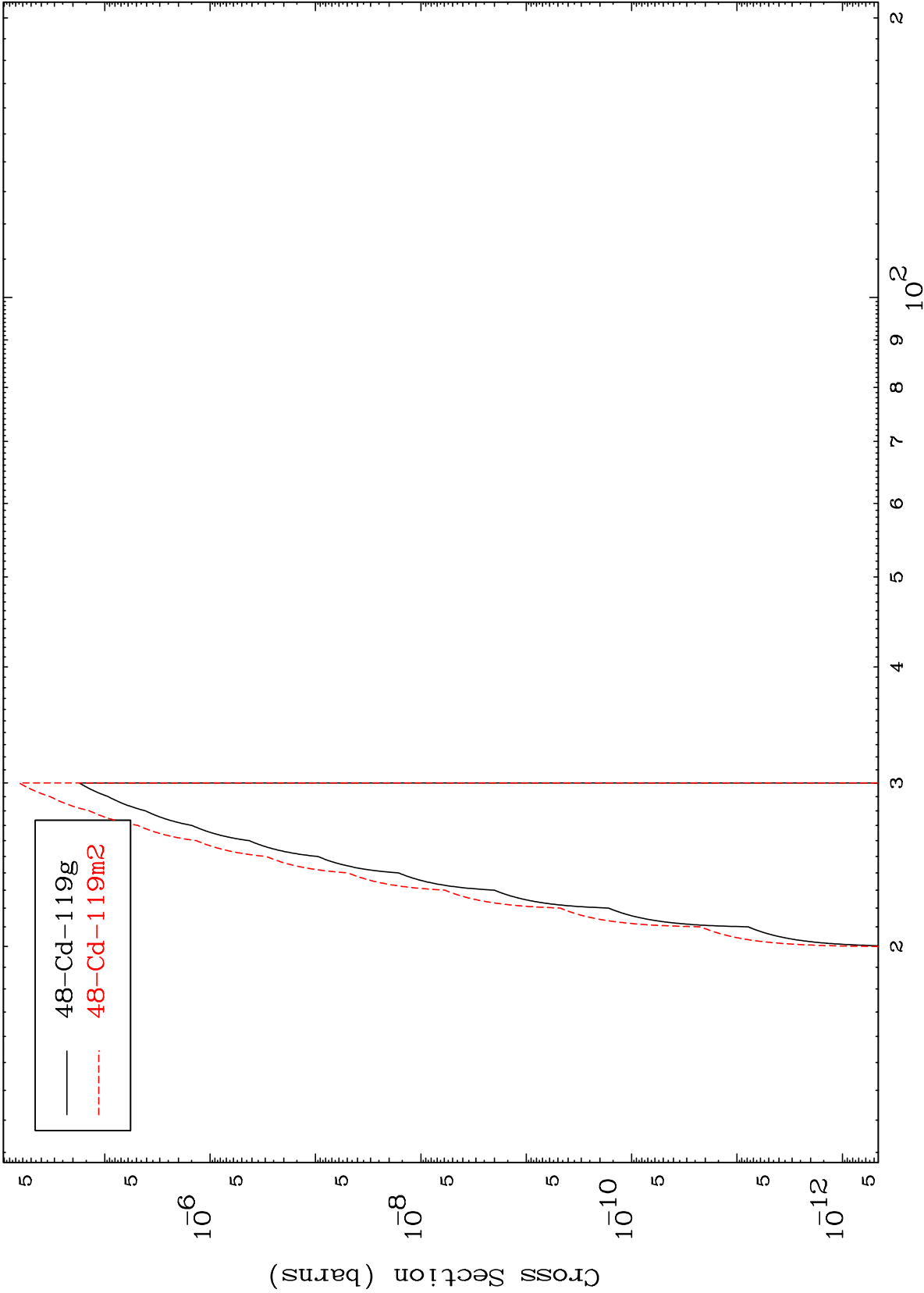
130

MAT 5052

(n,He-3)

50-Sn-121

Radionuclide Production Cross Section



131

Incident Energy (MeV)

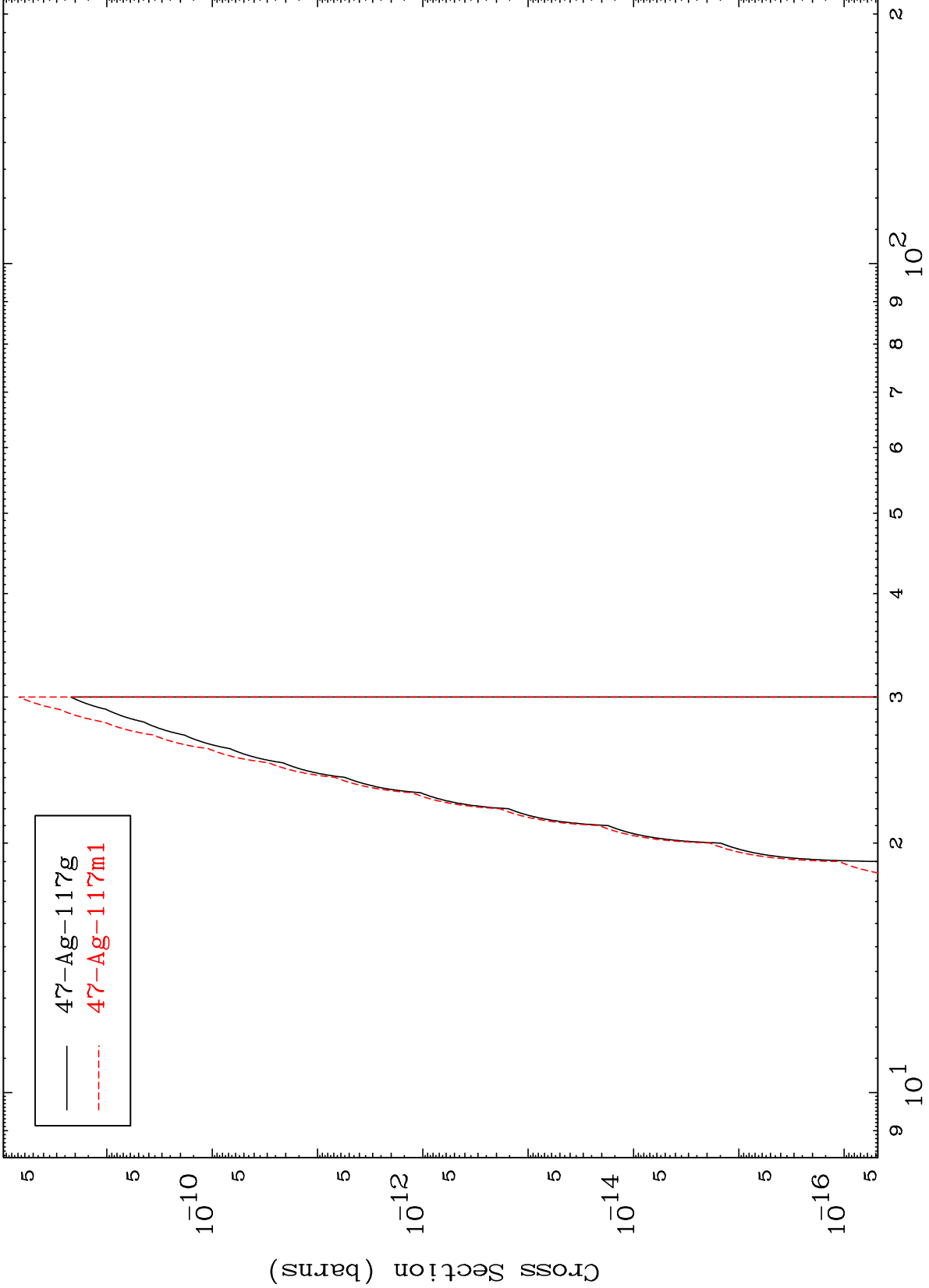
50-Sn-121

MAT 5052

(n,p) α

50-Sn-121

Radionuclide Production Cross Section



— 47-Ag-117g
- - - 47-Ag-117m1

132

Incident Energy (MeV)

50-Sn-121