

Program EVALPLOT
(Version 2017-1)

by

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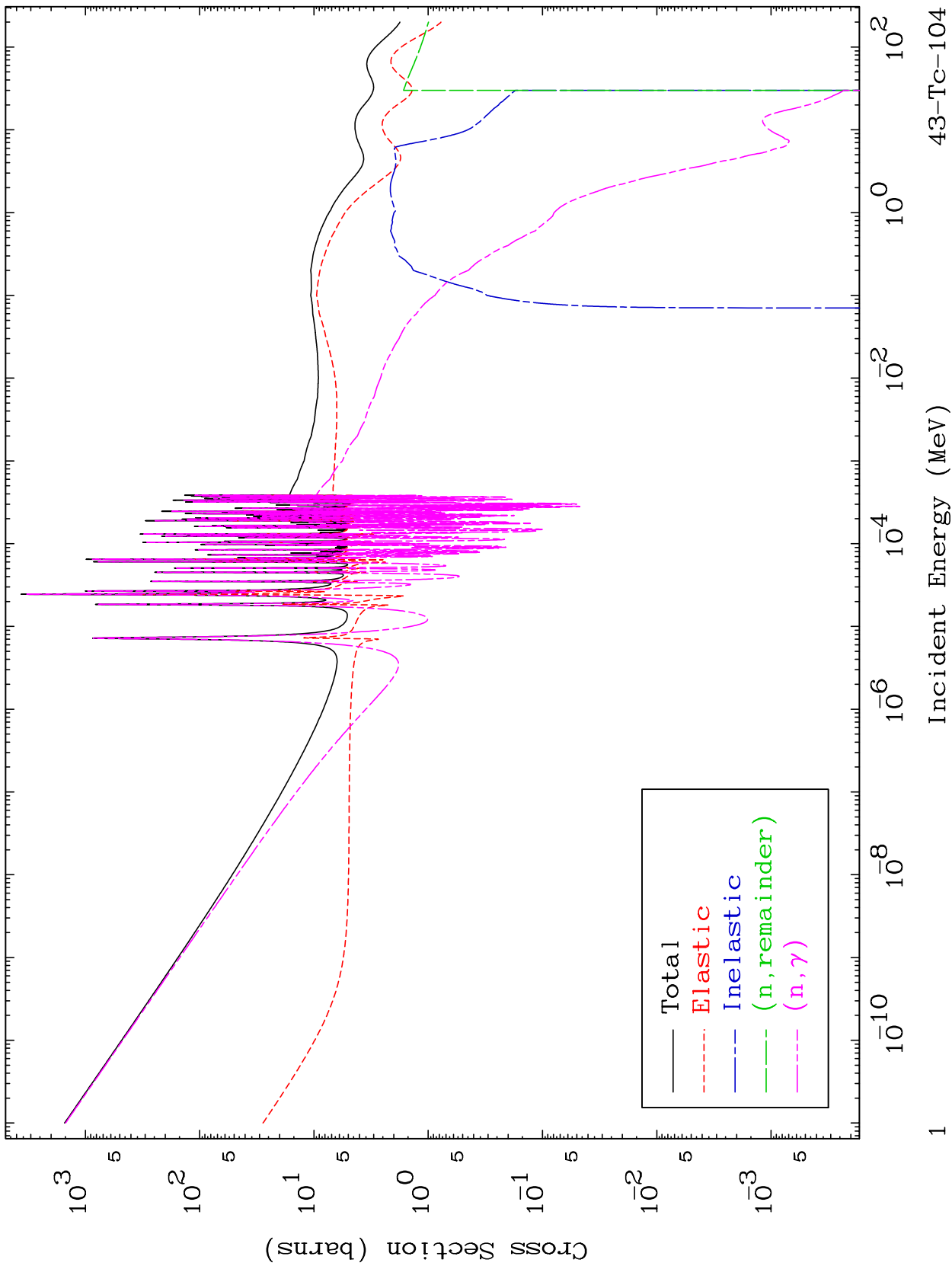
Press Mouse Button to Start

MAT 4340

Major

293 Kelvin Cross Sections

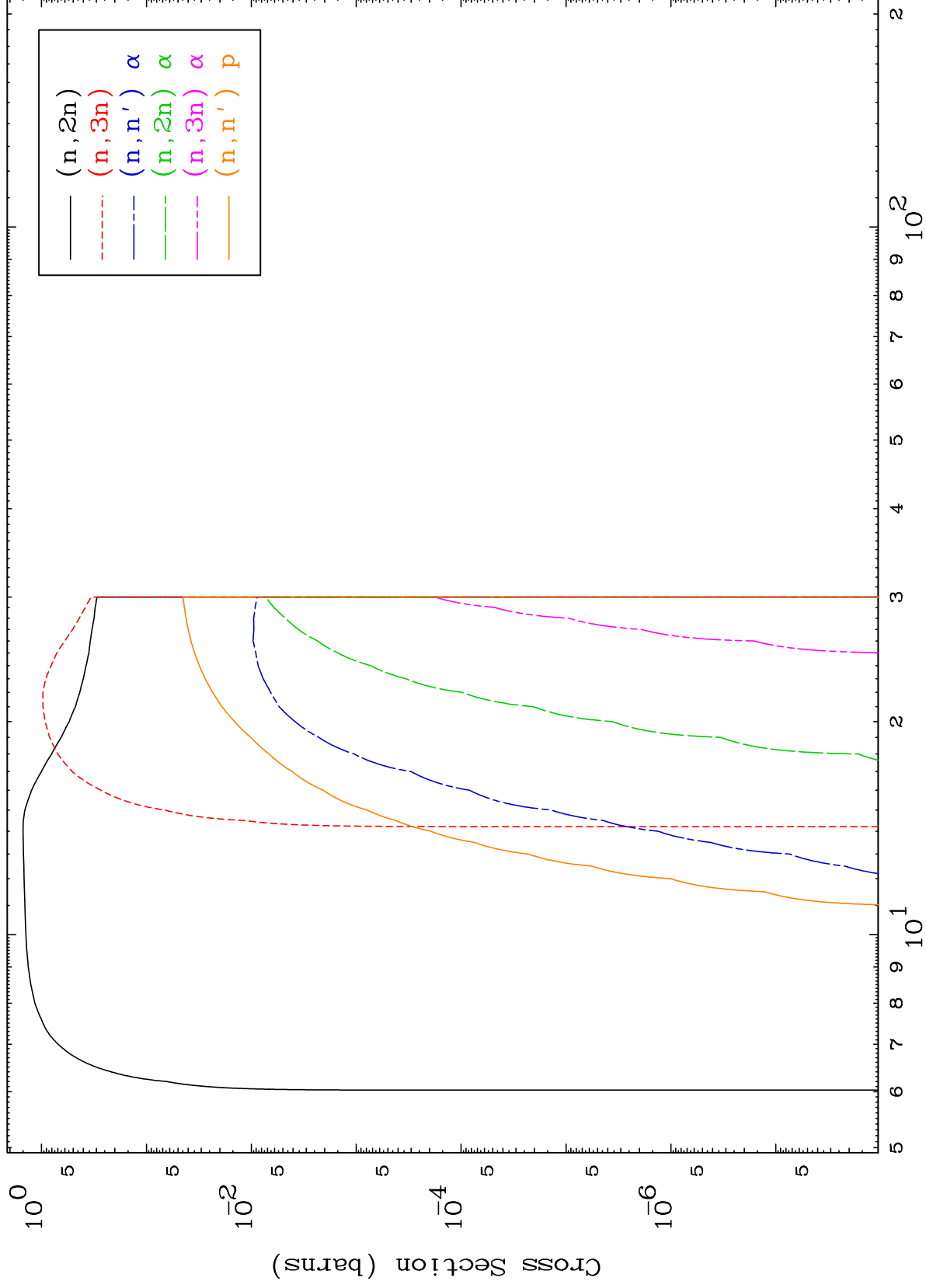
43-Tc-104



MAT 4340

Neutron Production
293 Kelvin Cross Sections

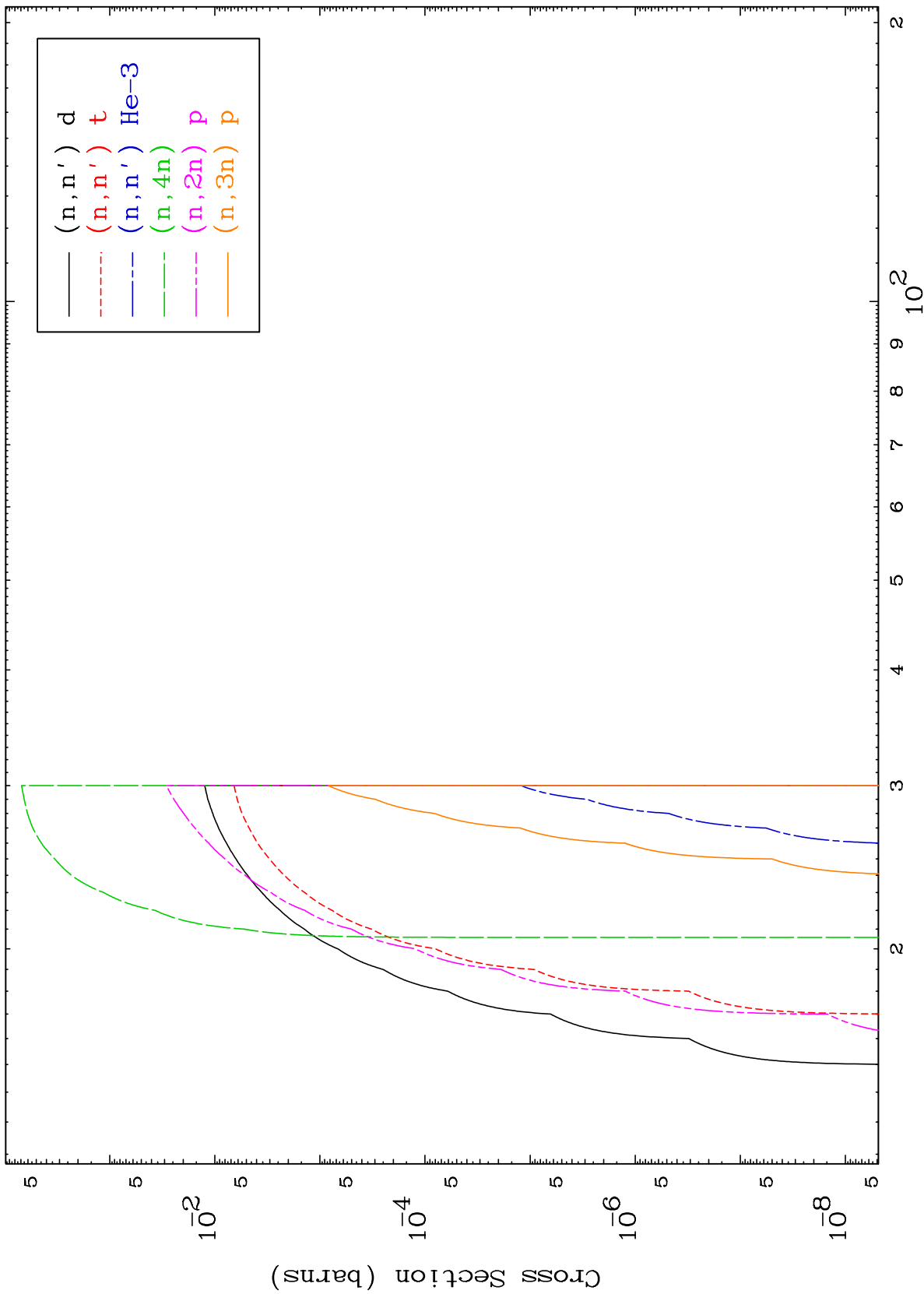
43-Tc-104



2

Incident Energy (MeV)

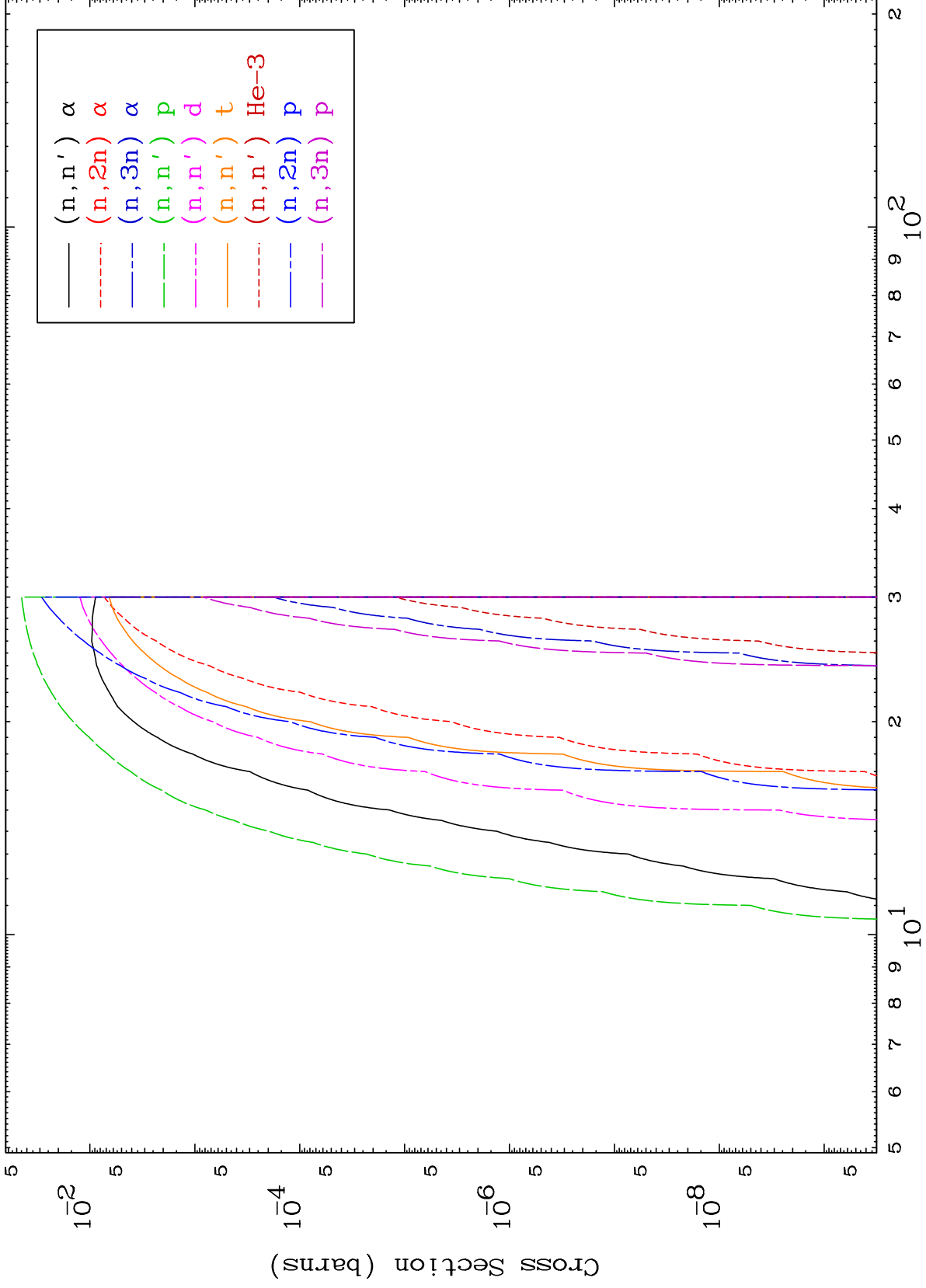
43-Tc-104



MAT 4340

Charged Particle
293 Kelvin Cross Sections

43-Tc-104



4

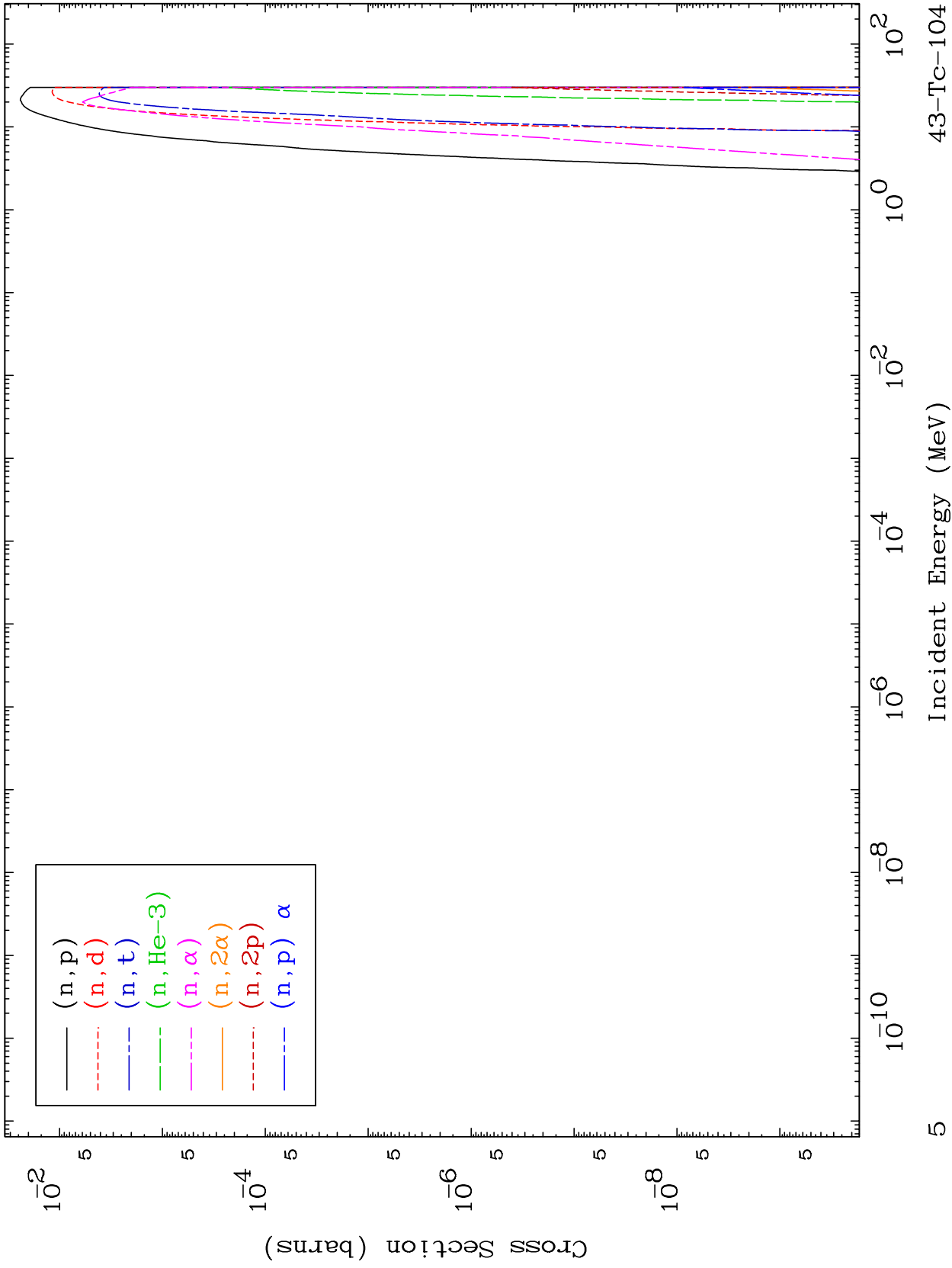
Incident Energy (MeV)

43-Tc-104

MAT 4340

Charged Particle
293 Kelvin Cross Sections

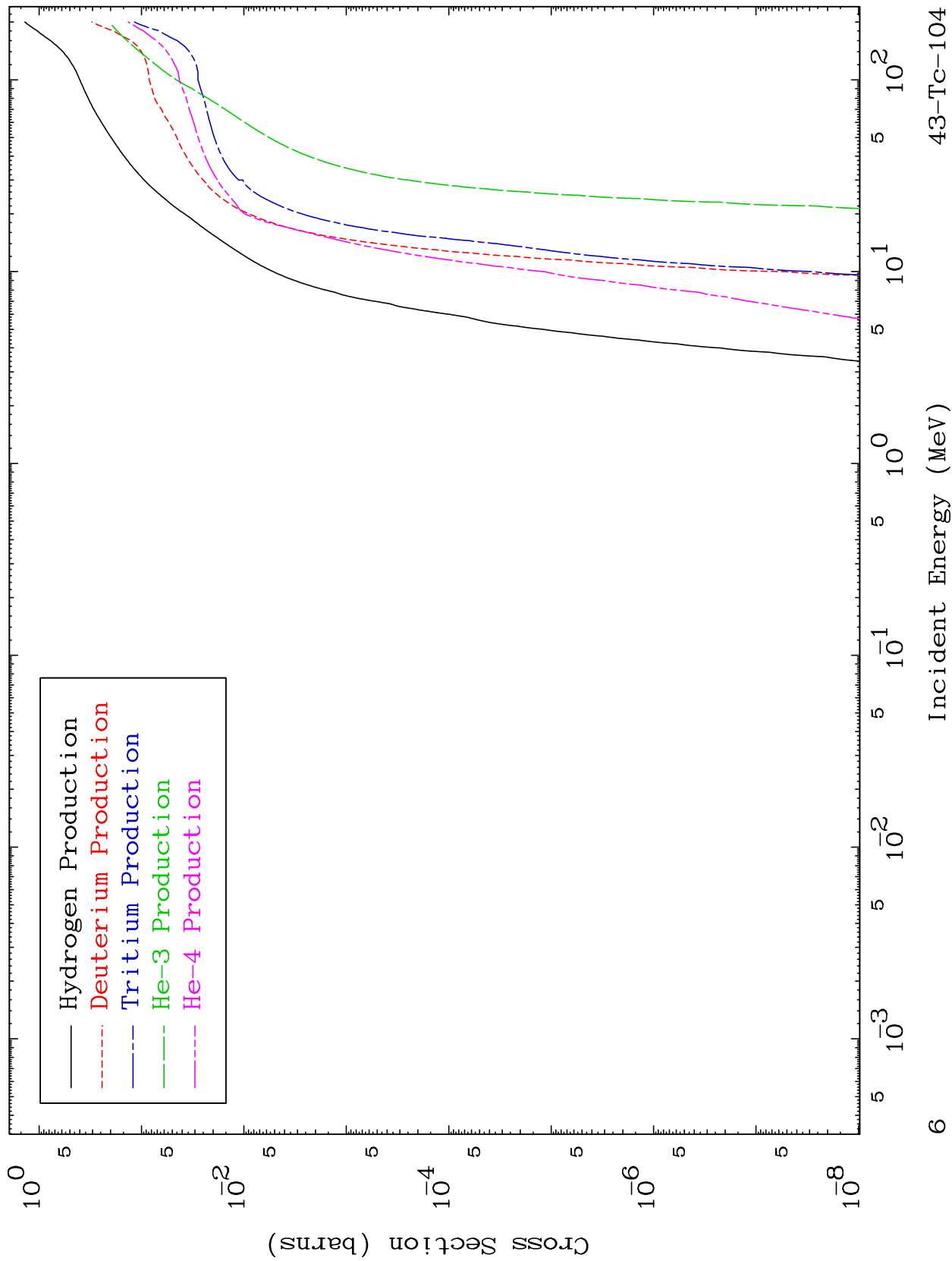
43-Tc-104



MAT 4340

Particle Production
293 Kelvin Cross Sections

43-Tc-104

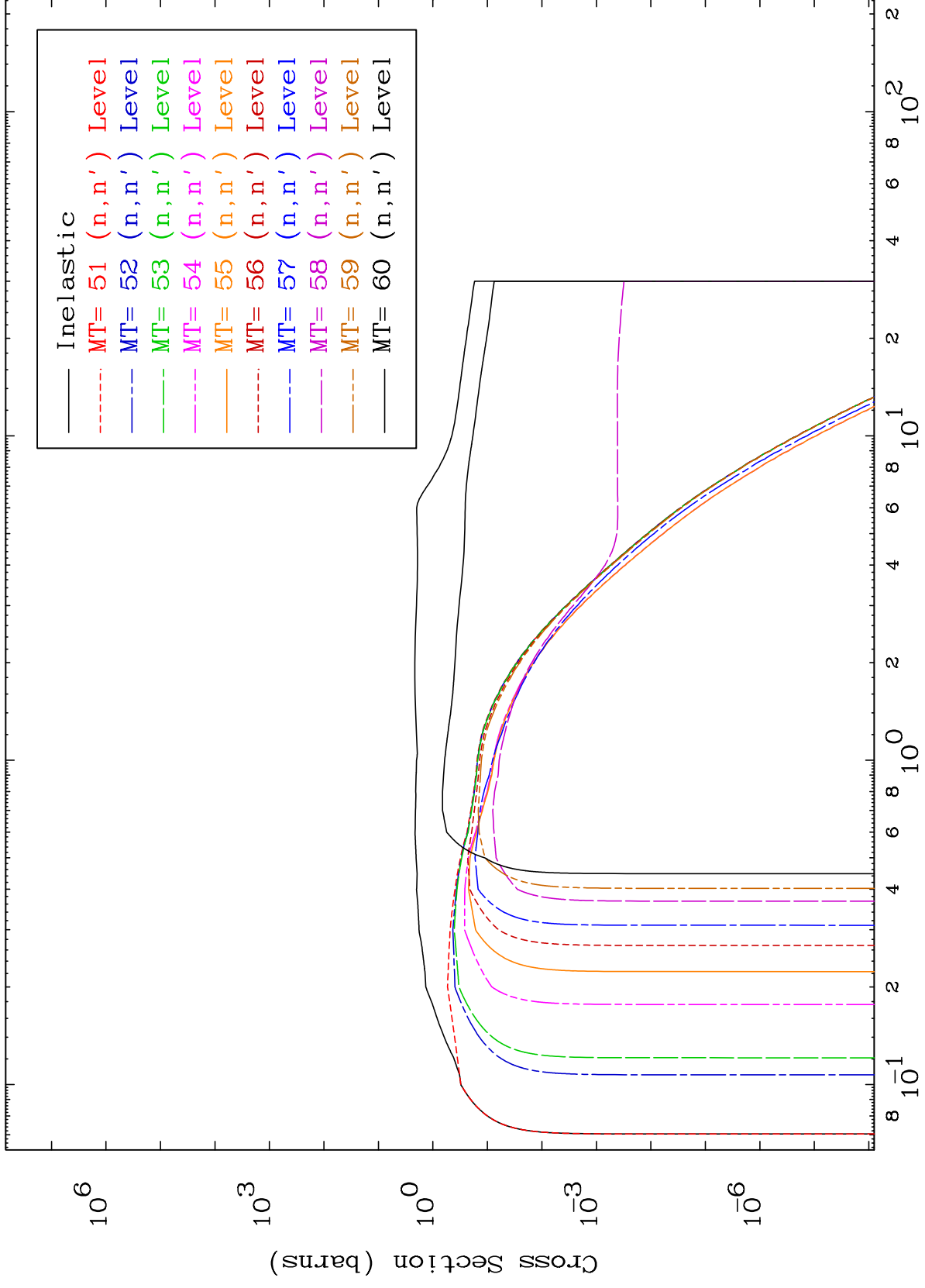


MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



7

Incident Energy (MeV)

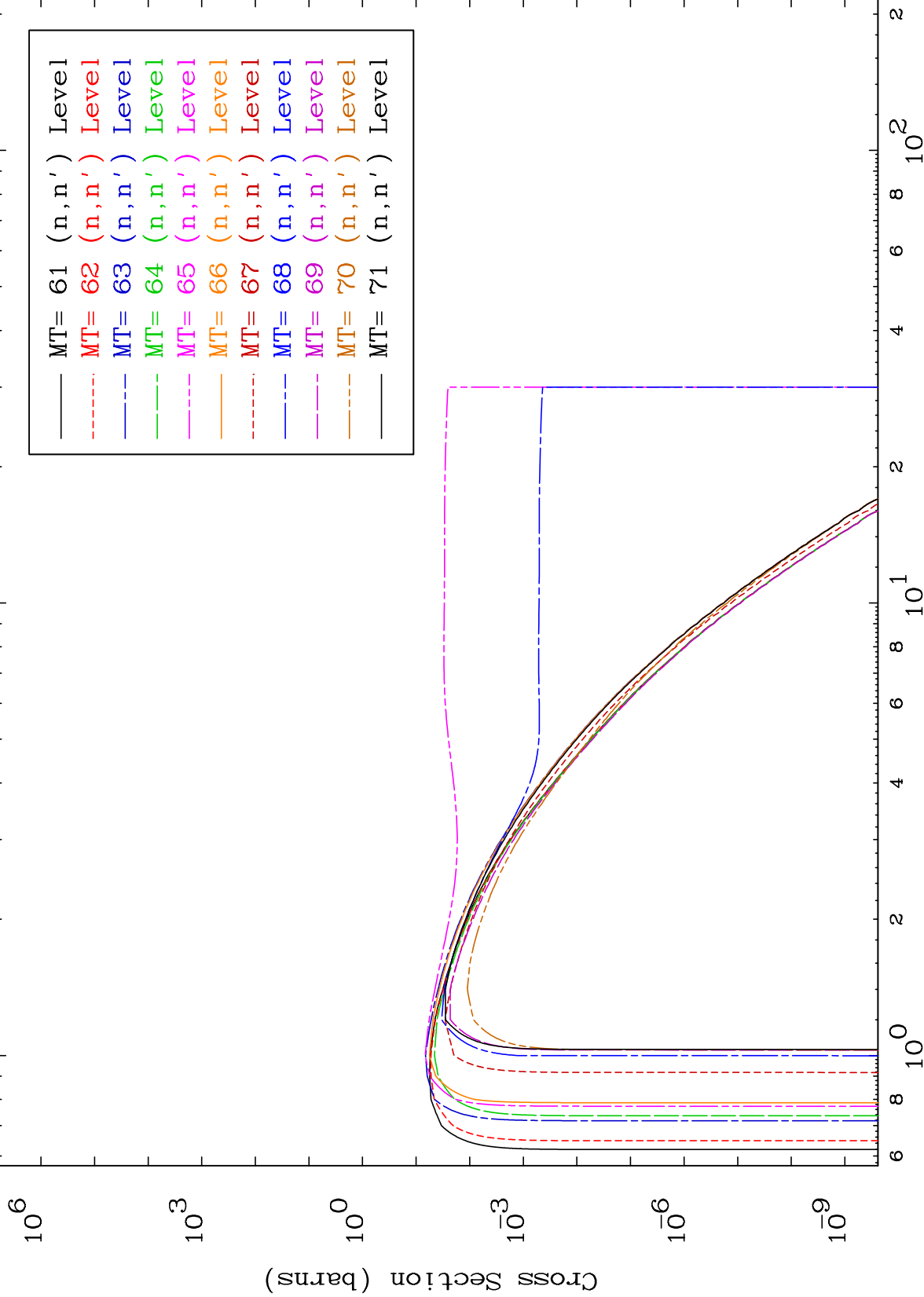
43-Tc-104

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



Incident Energy (MeV)

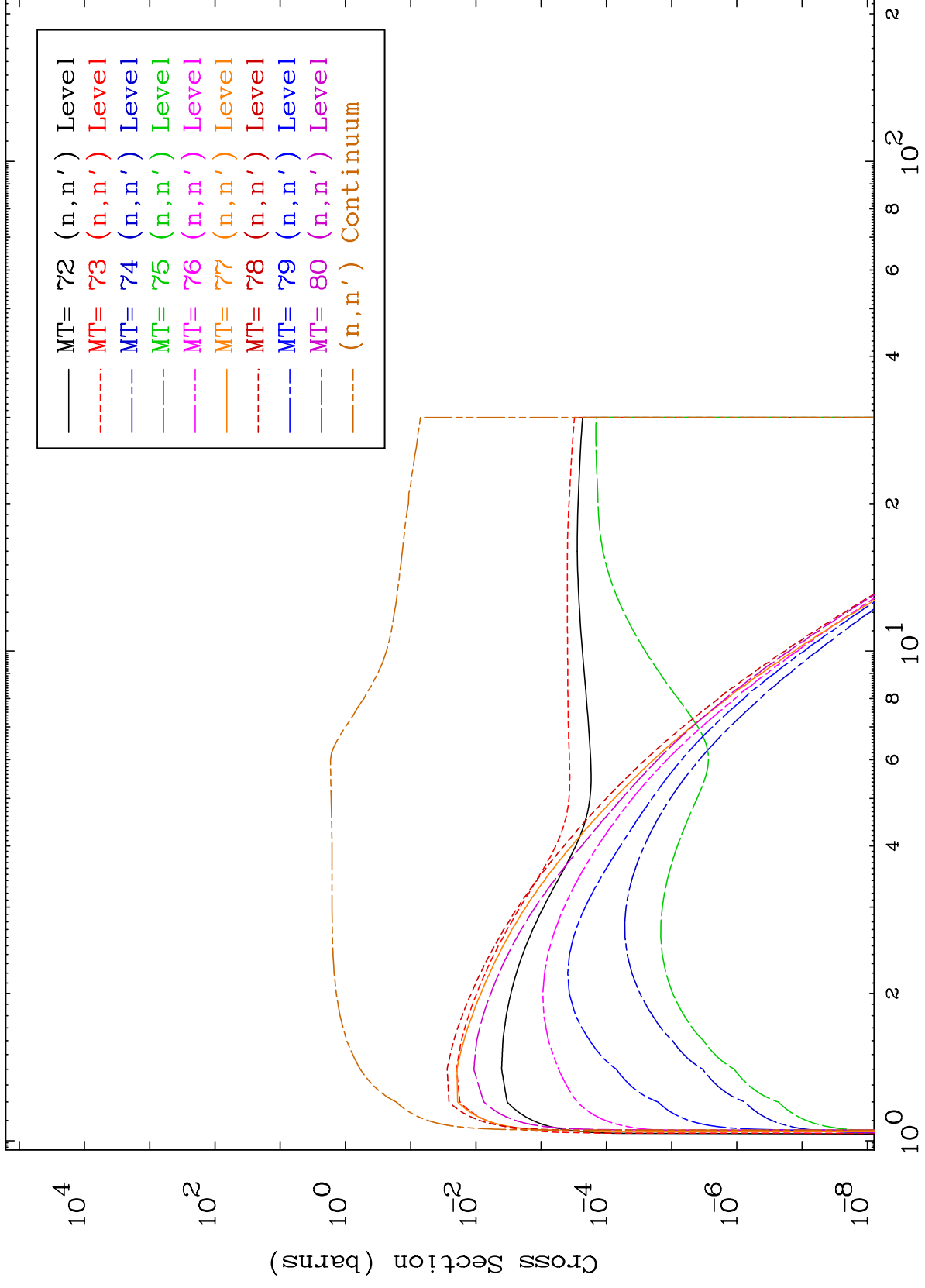
43-Tc-104

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



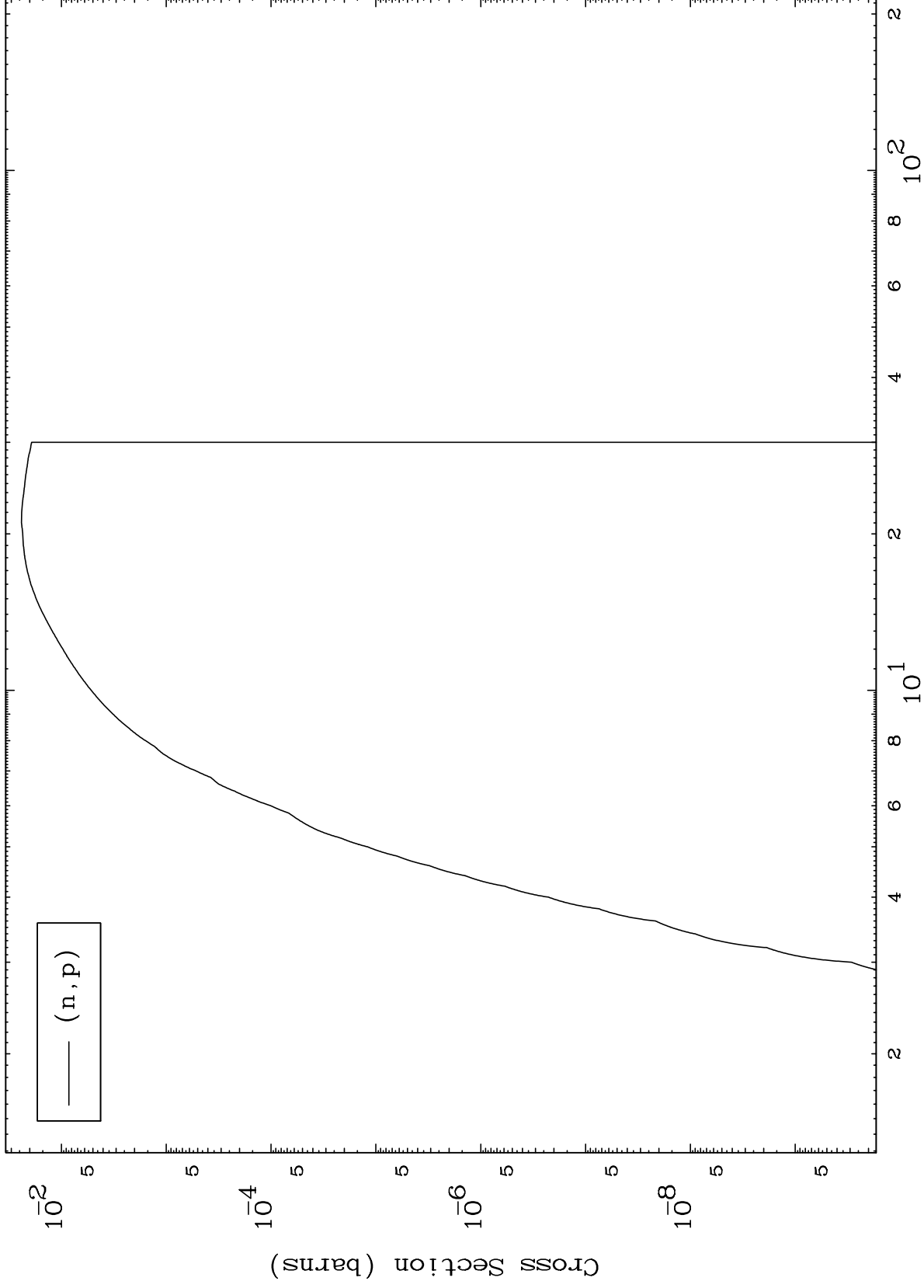
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-104



10

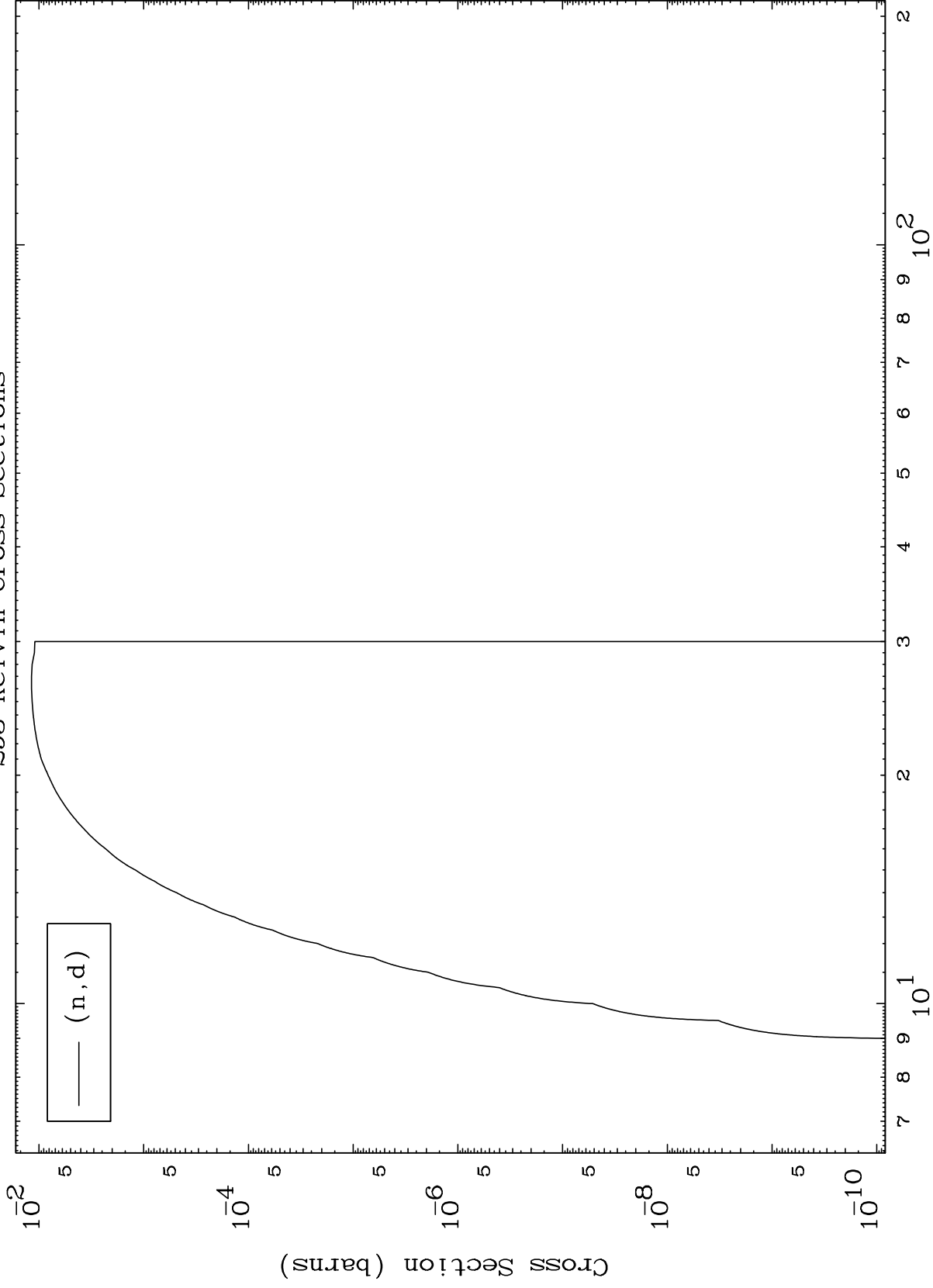
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-104



11

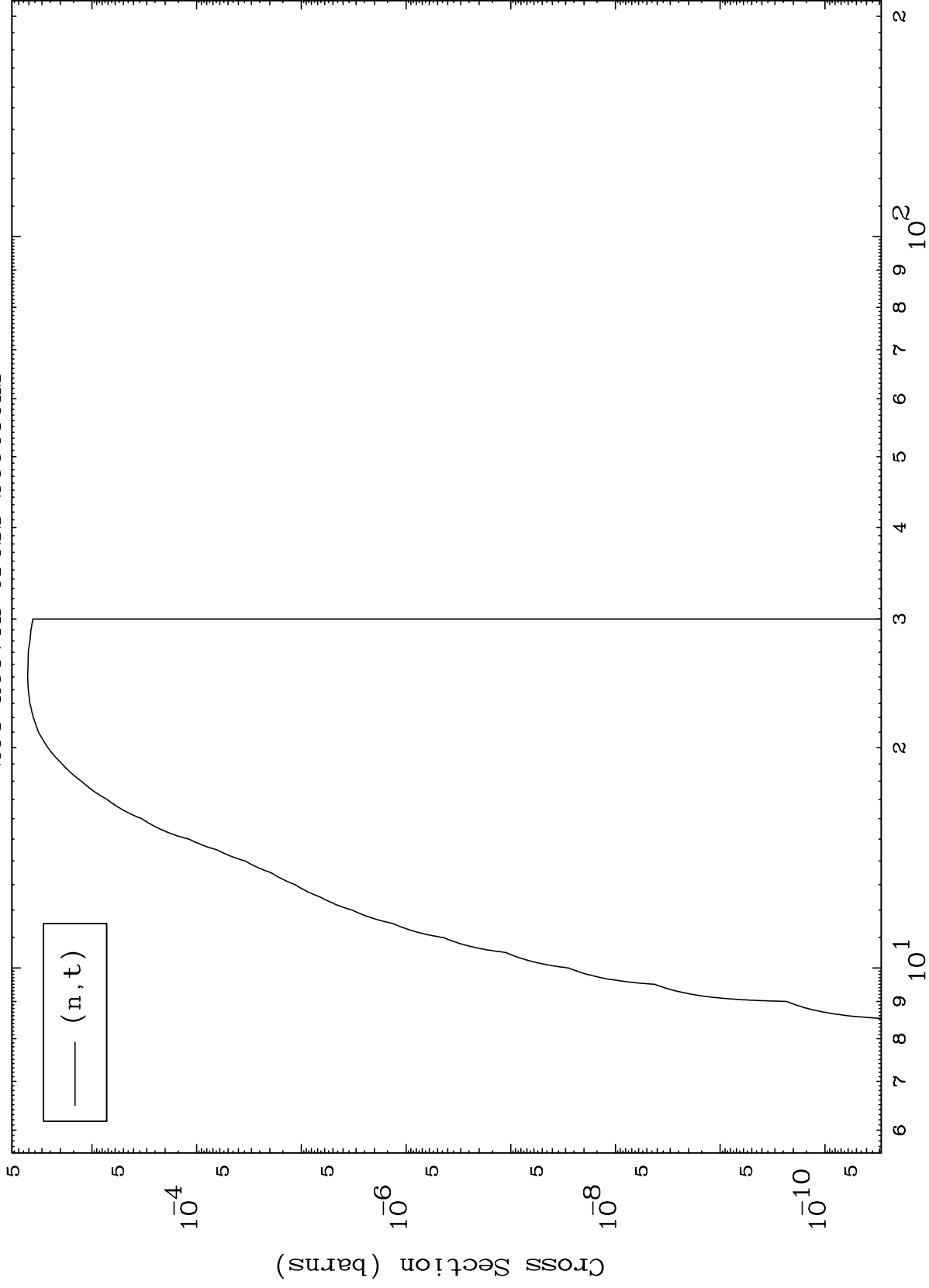
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n, t) Levels
293 Kelvin Cross Sections

43-Tc-104



12

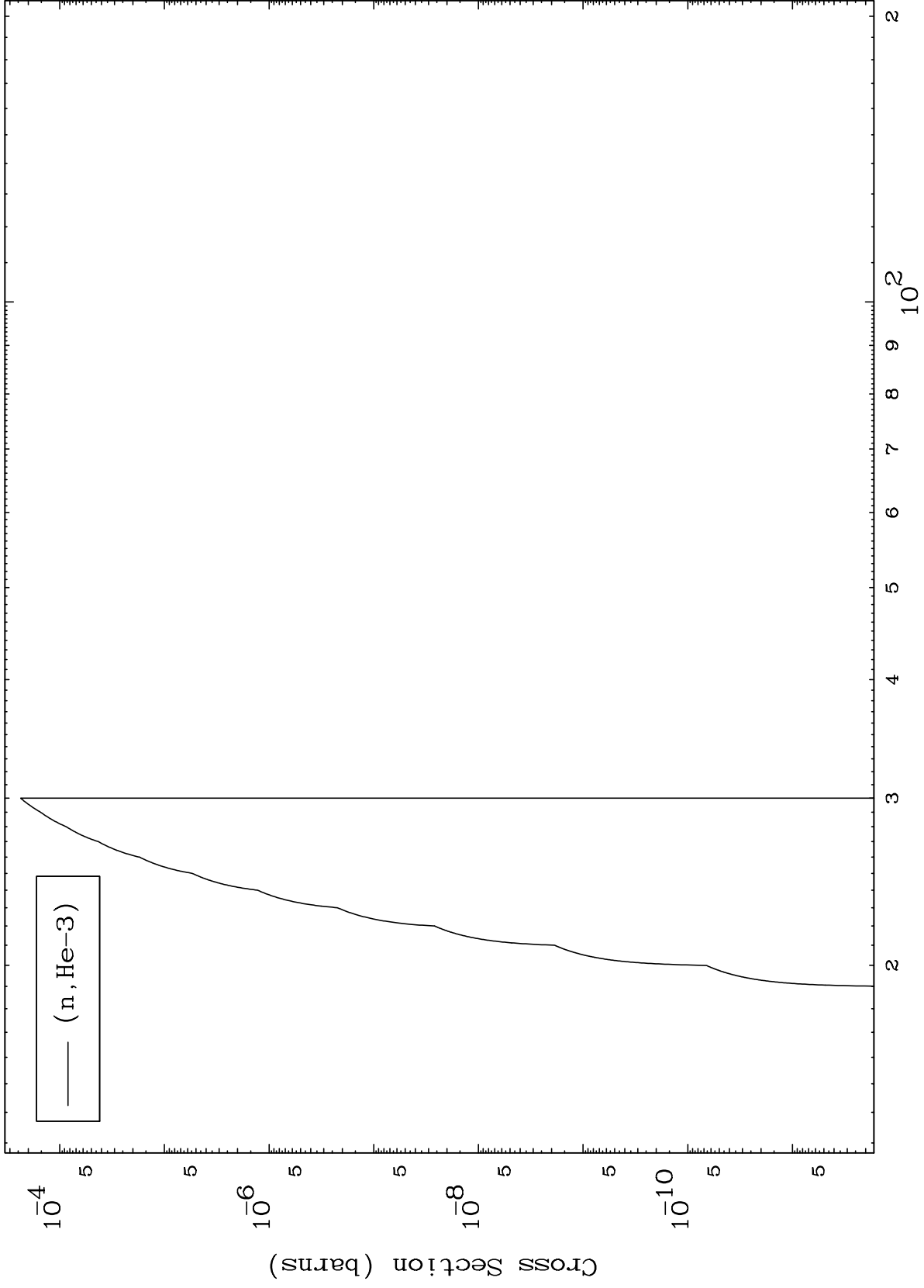
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-104



13

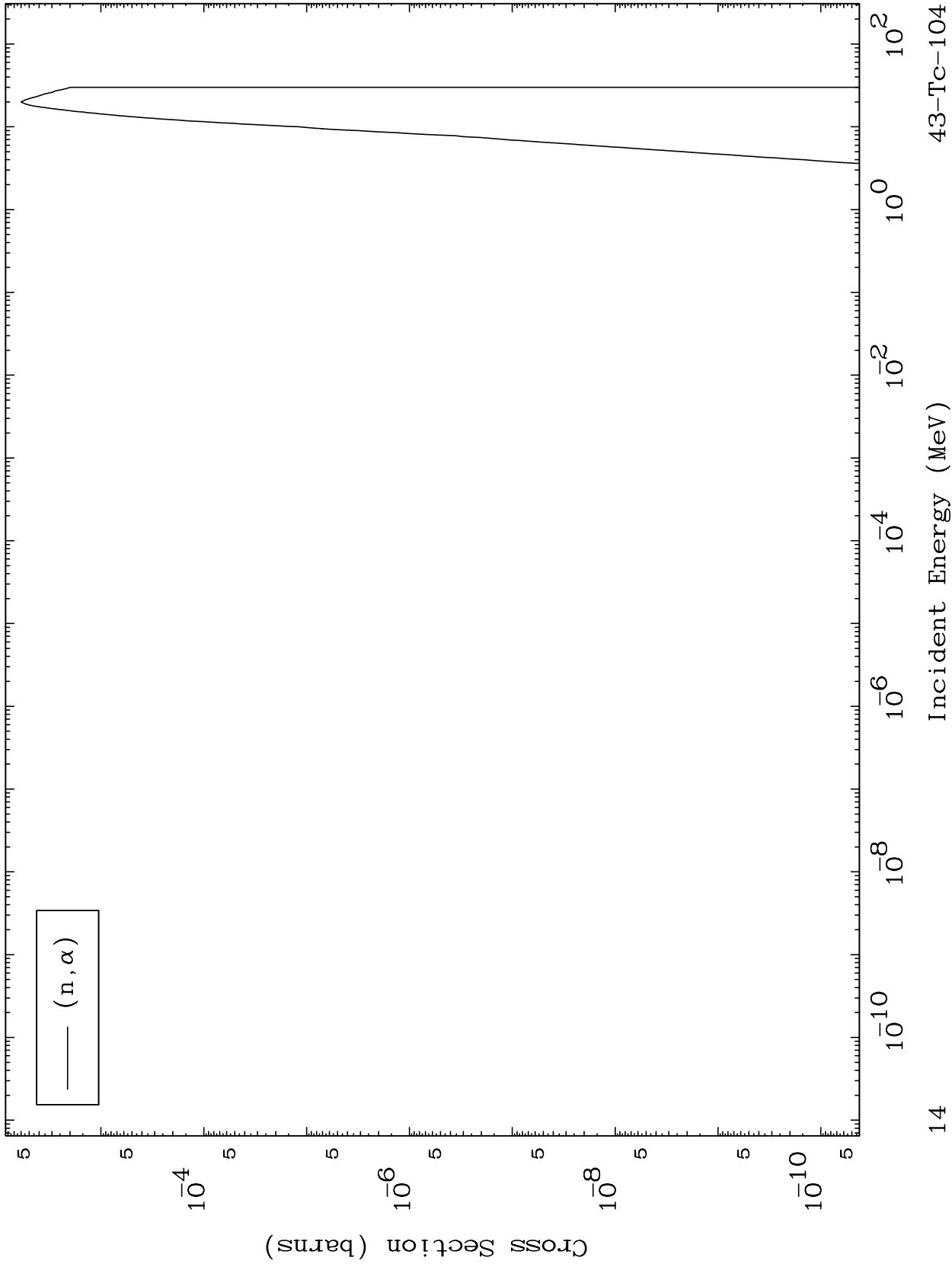
Incident Energy (MeV)

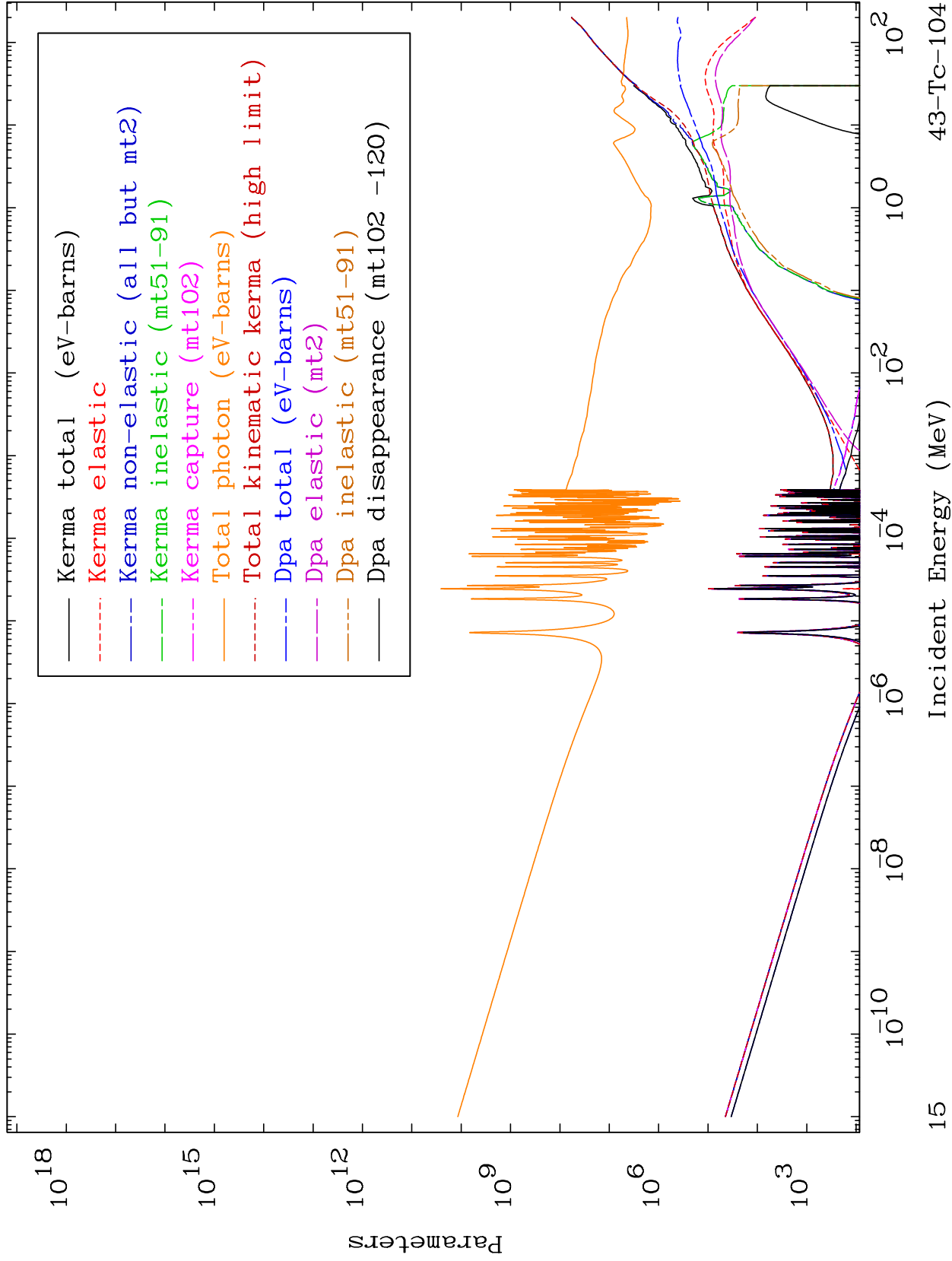
43-Tc-104

MAT 4340

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-104

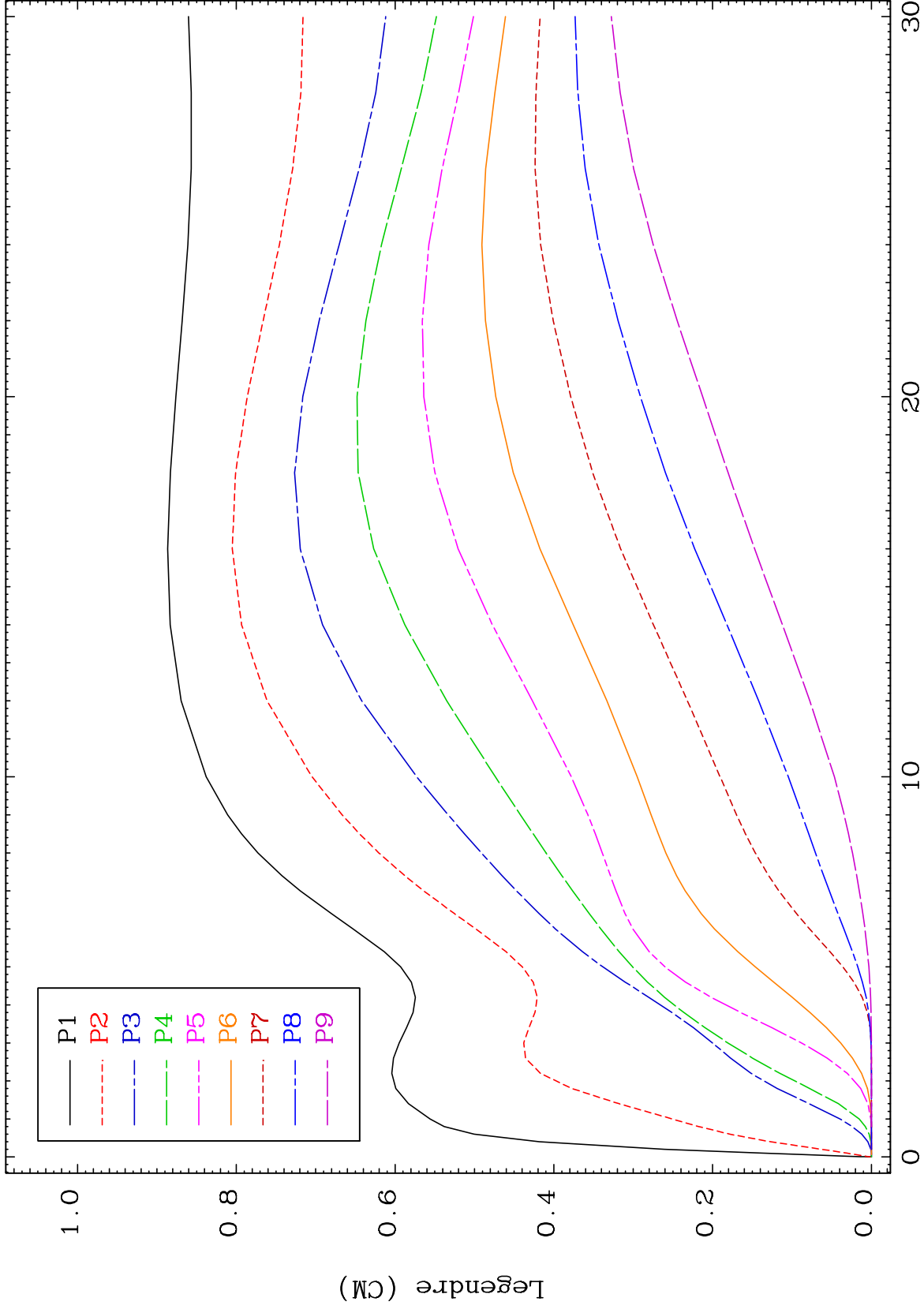




MAT 4340

Elastic Legendre Coefficients

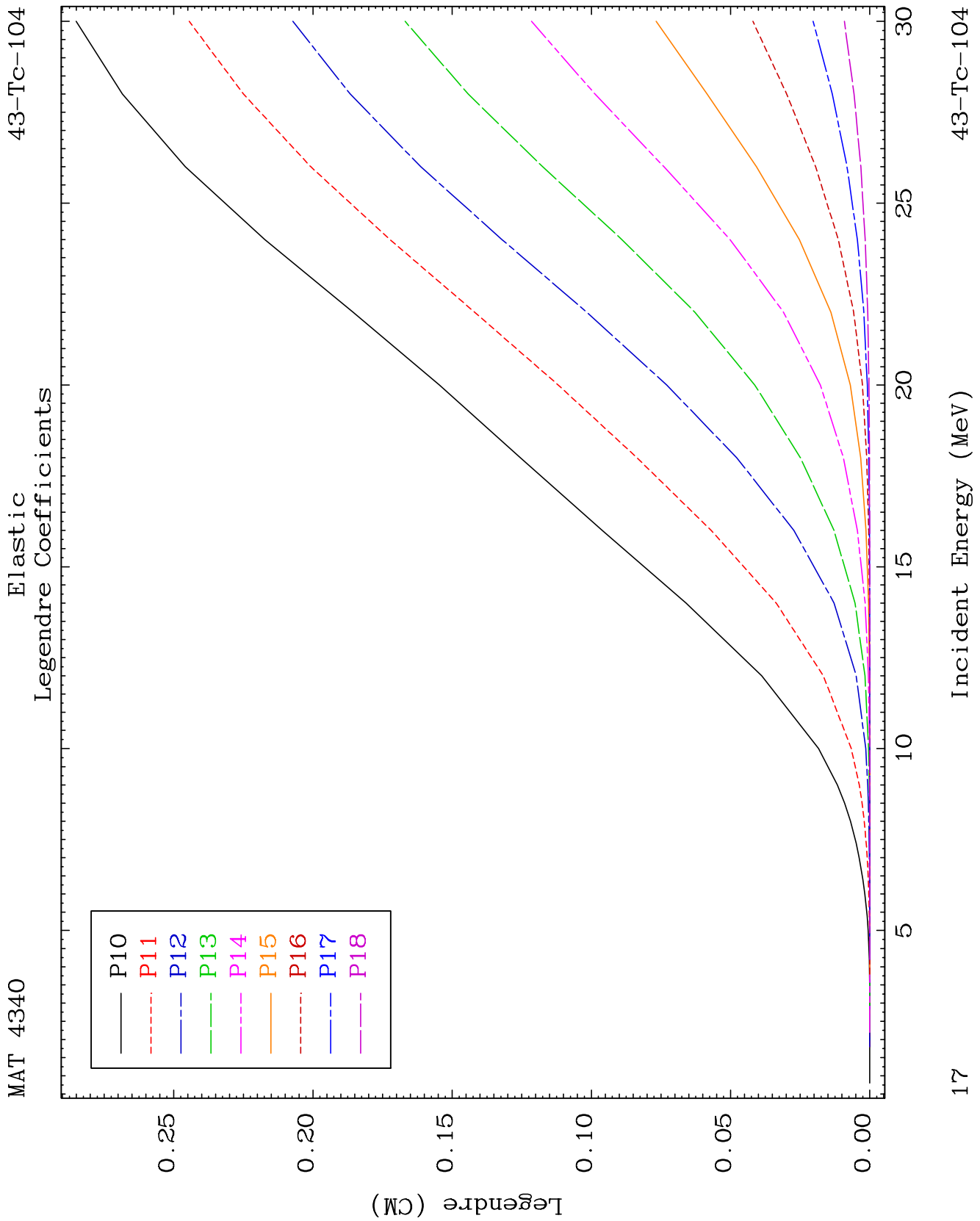
43-Tc-104



16

Incident Energy (MeV)

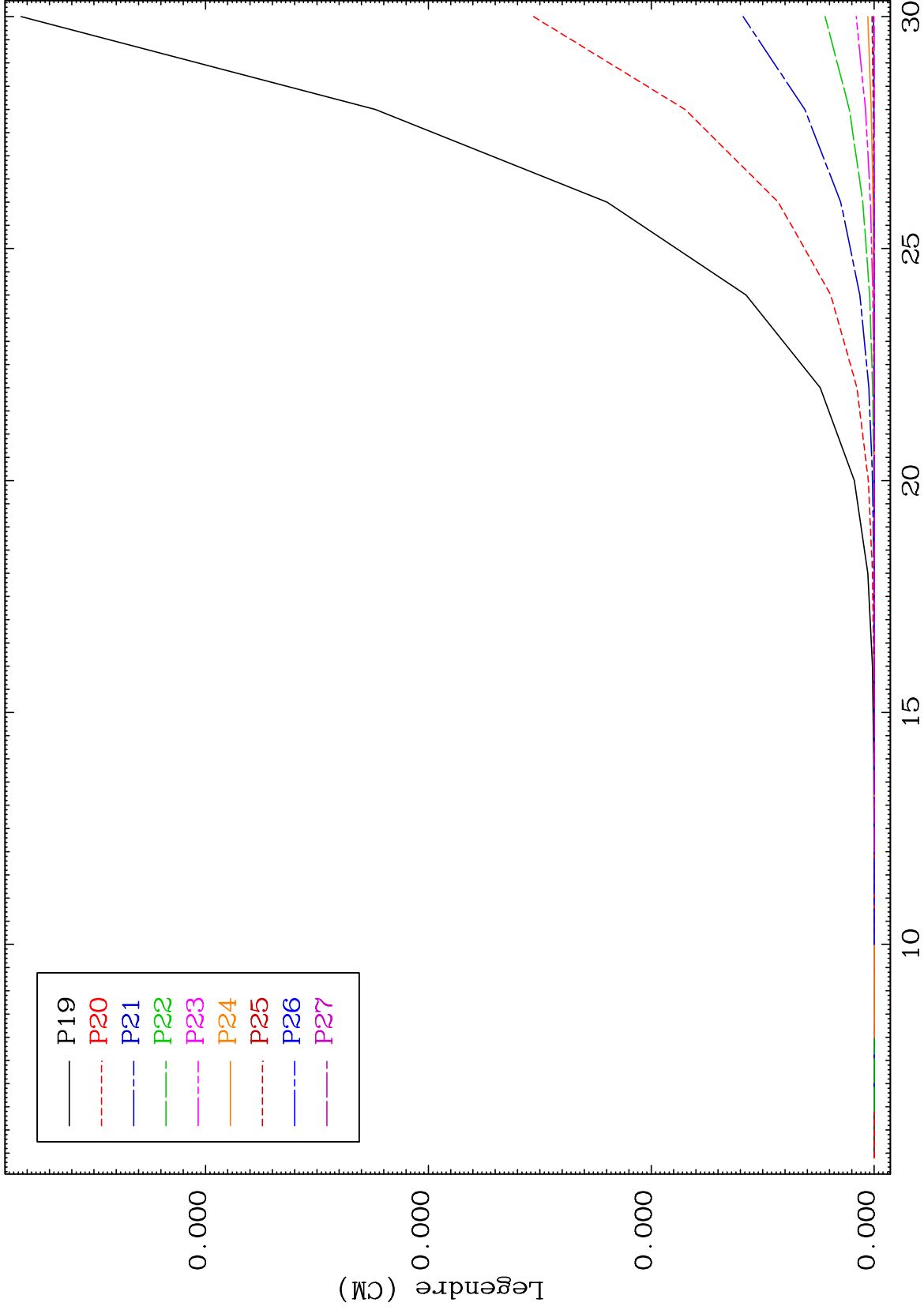
43-Tc-104



MAT 4340

Elastic
Legendre Coefficients

43-Tc-104



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Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104

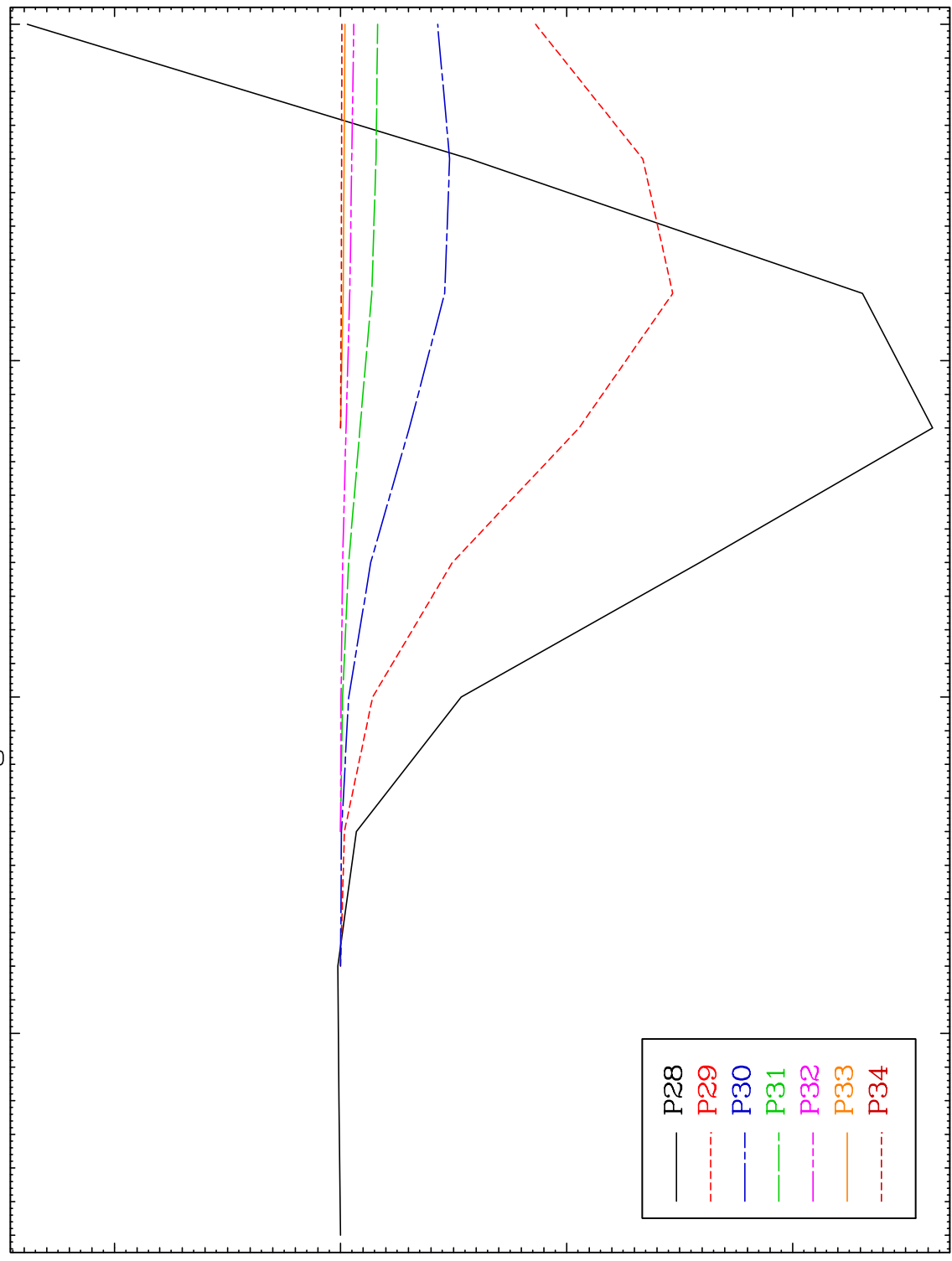
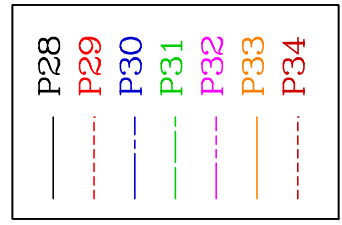
$\times 10^{-7}$
0.5

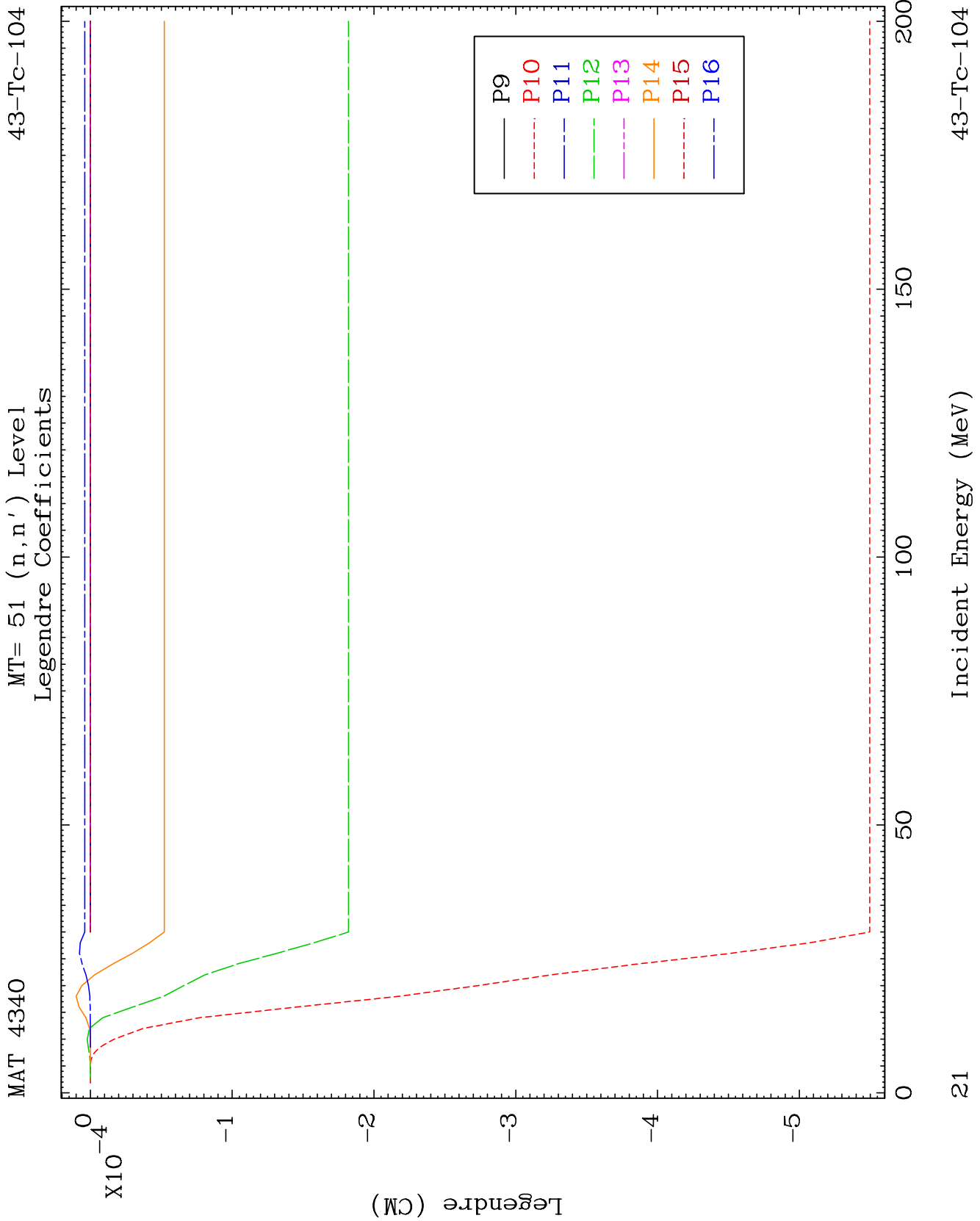
Legendre (CM)
0.0
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-1.0

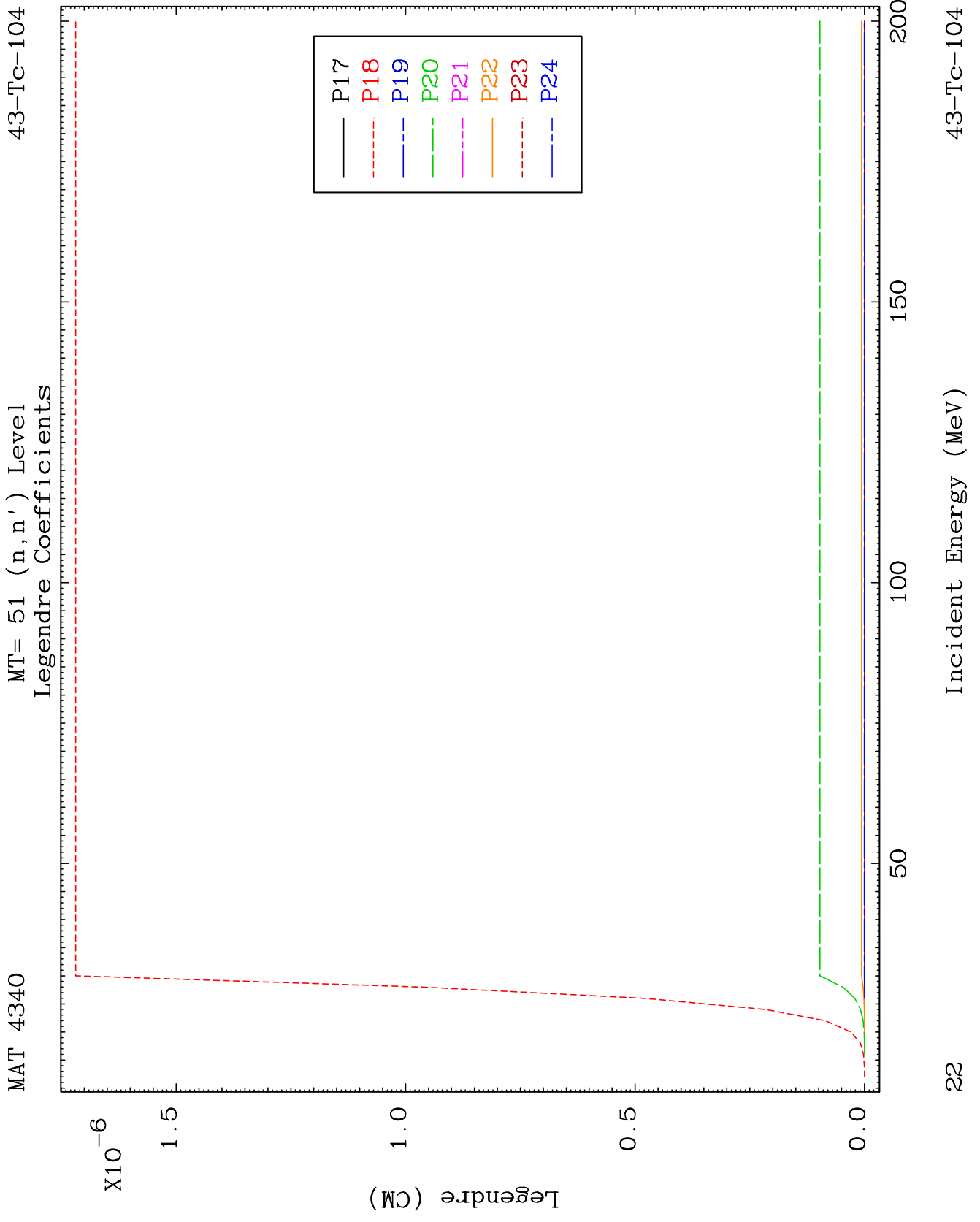
15 20 25 30

Incident Energy (MeV)

43-Tc-104



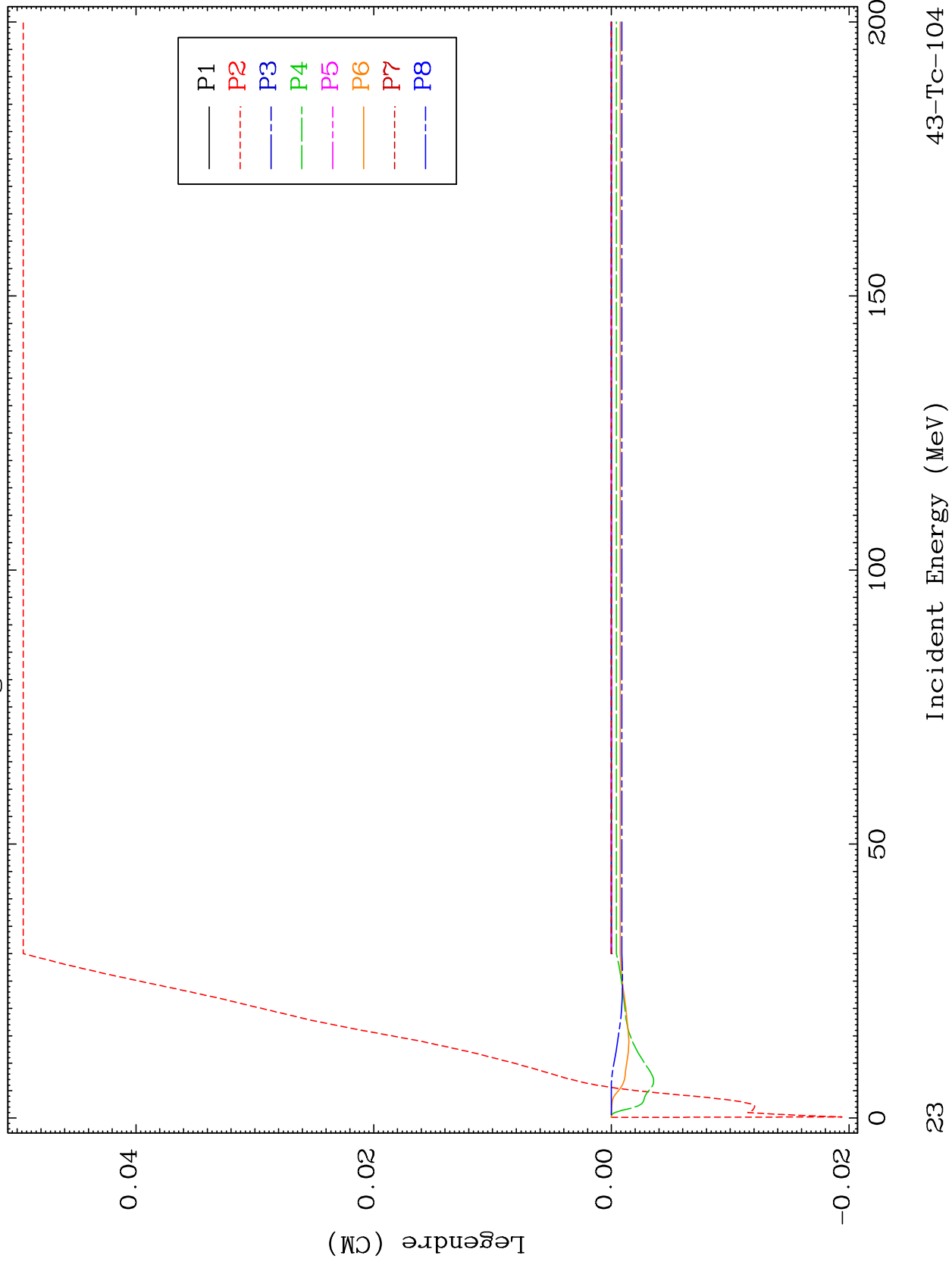




MAT 4340

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

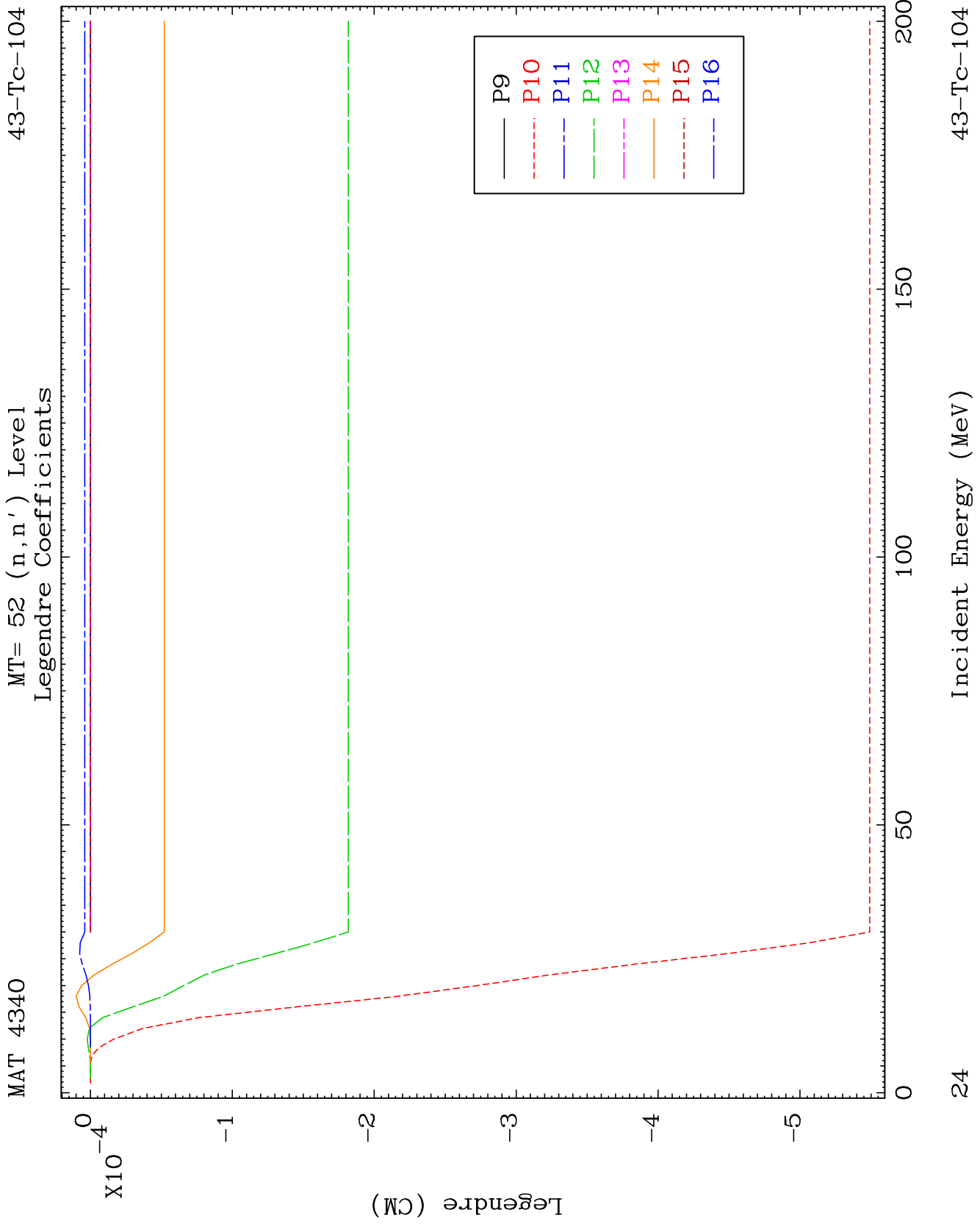
43-Tc-104

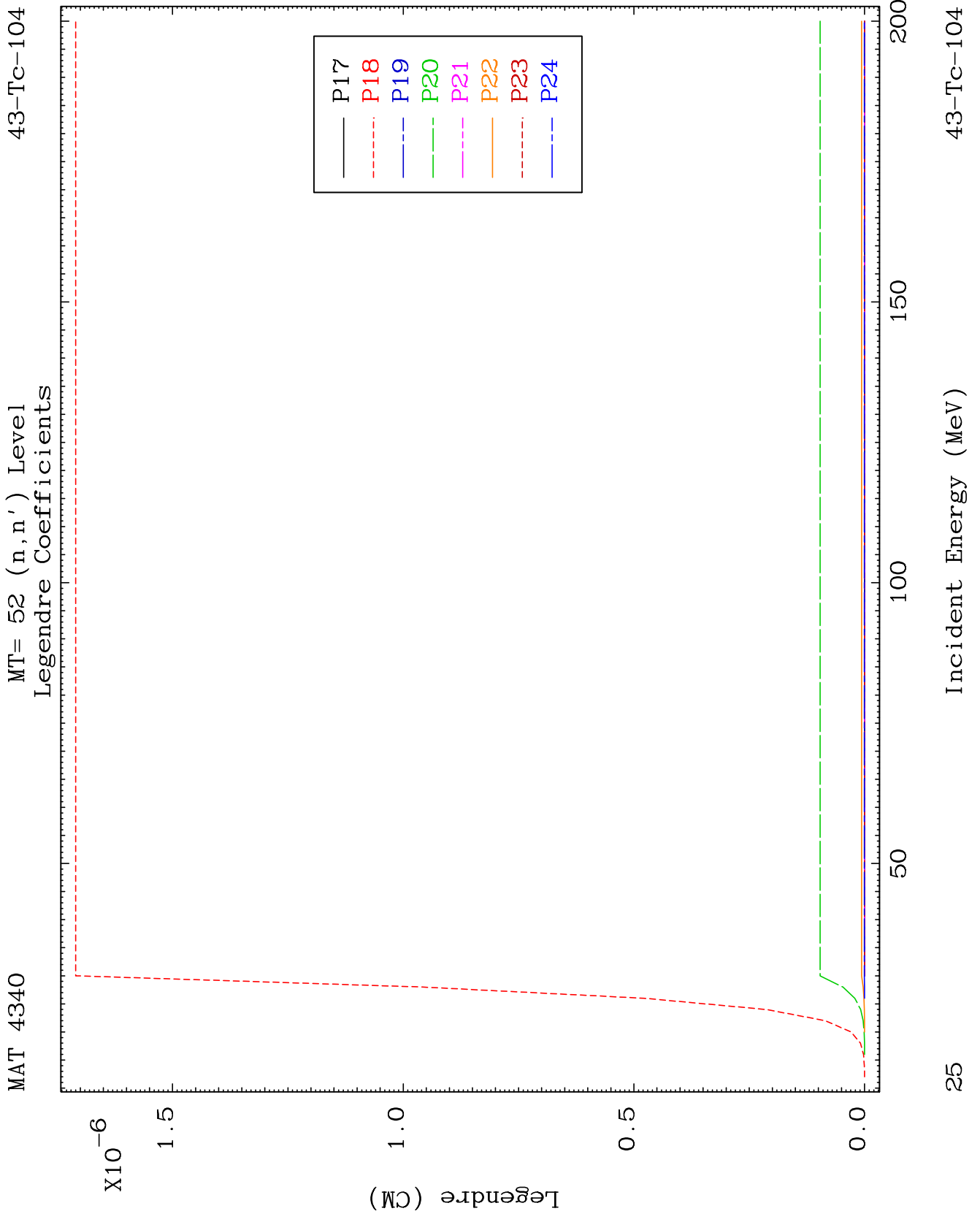


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Incident Energy (MeV)

43-Tc-104

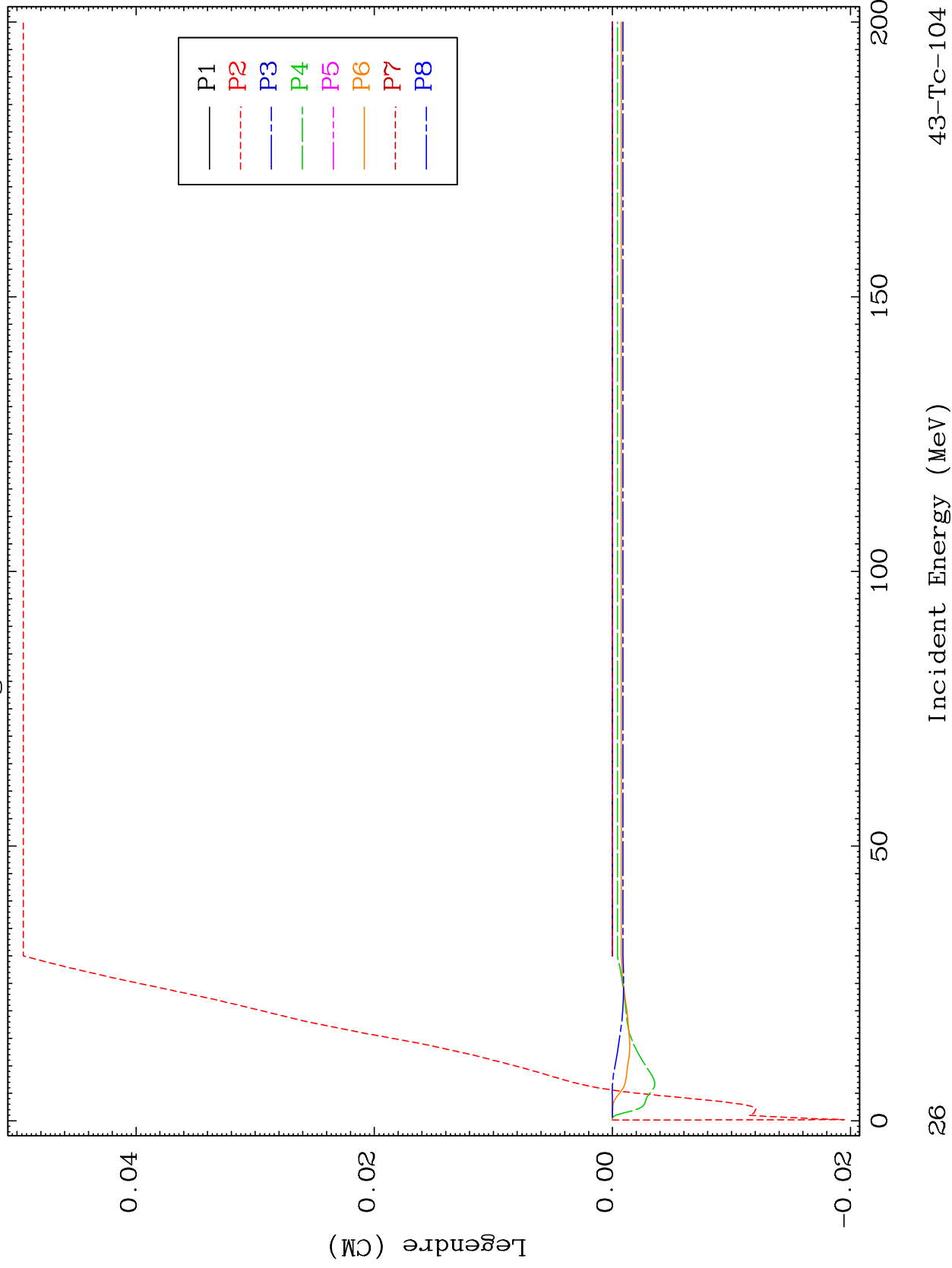




MAT 4340

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

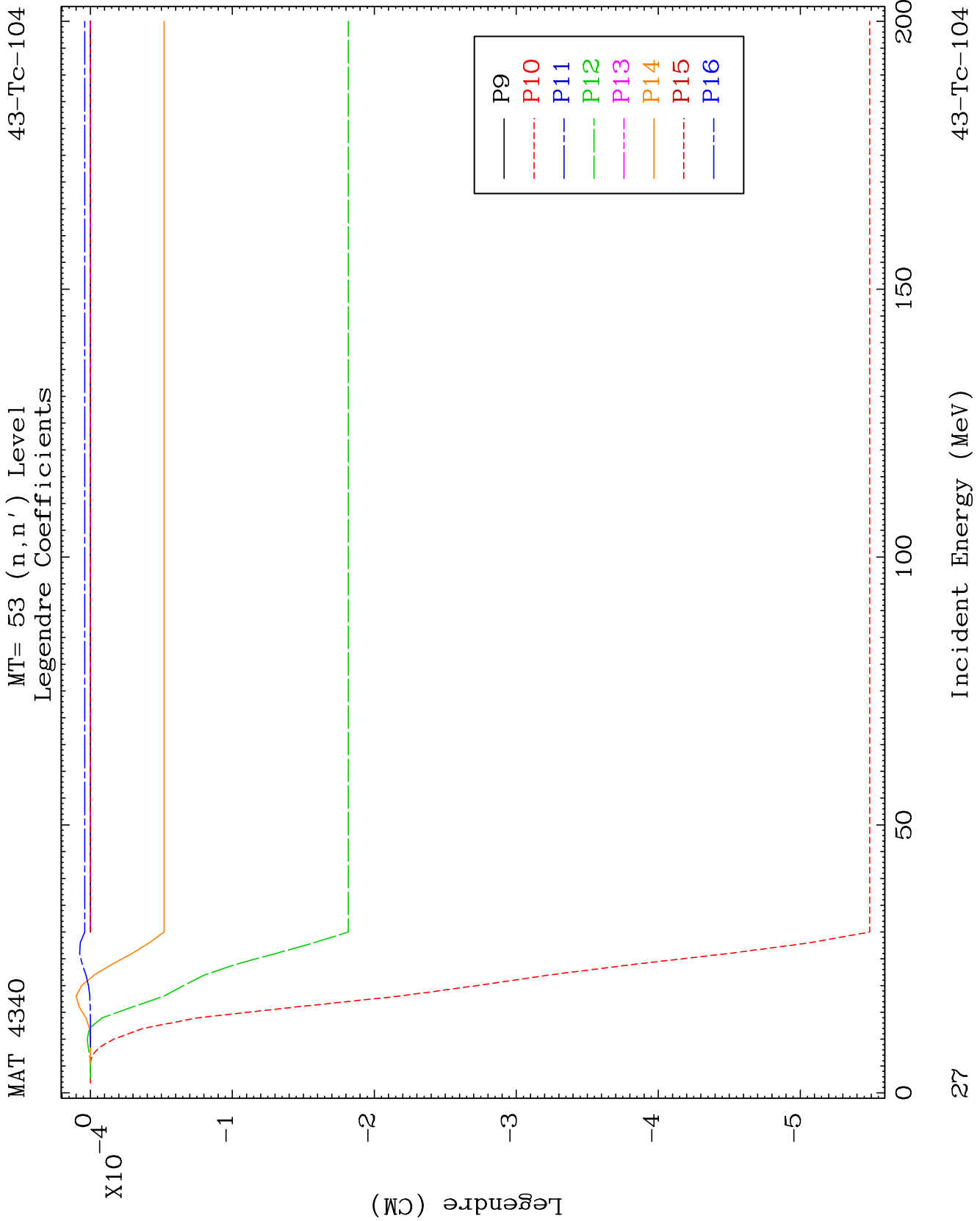
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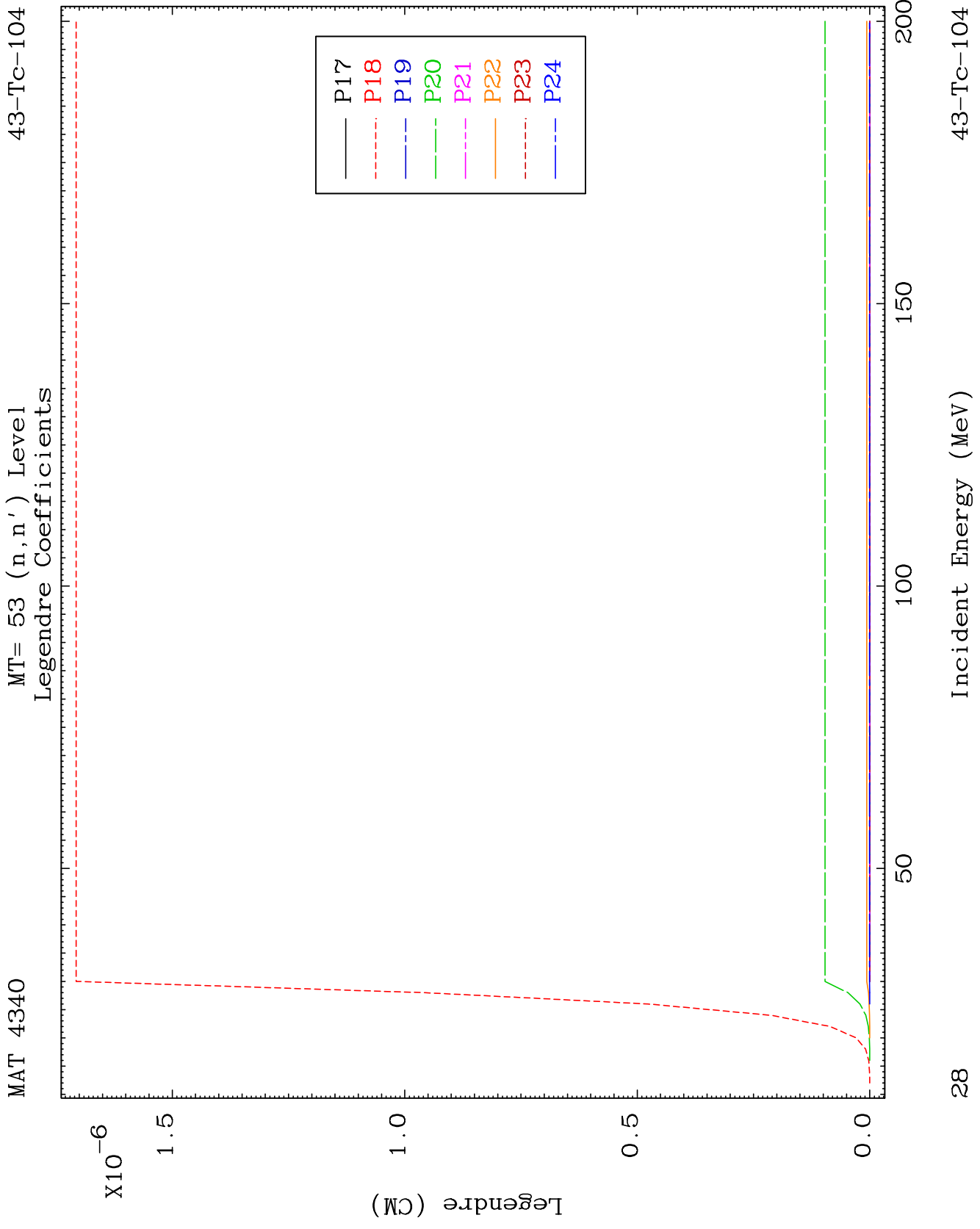


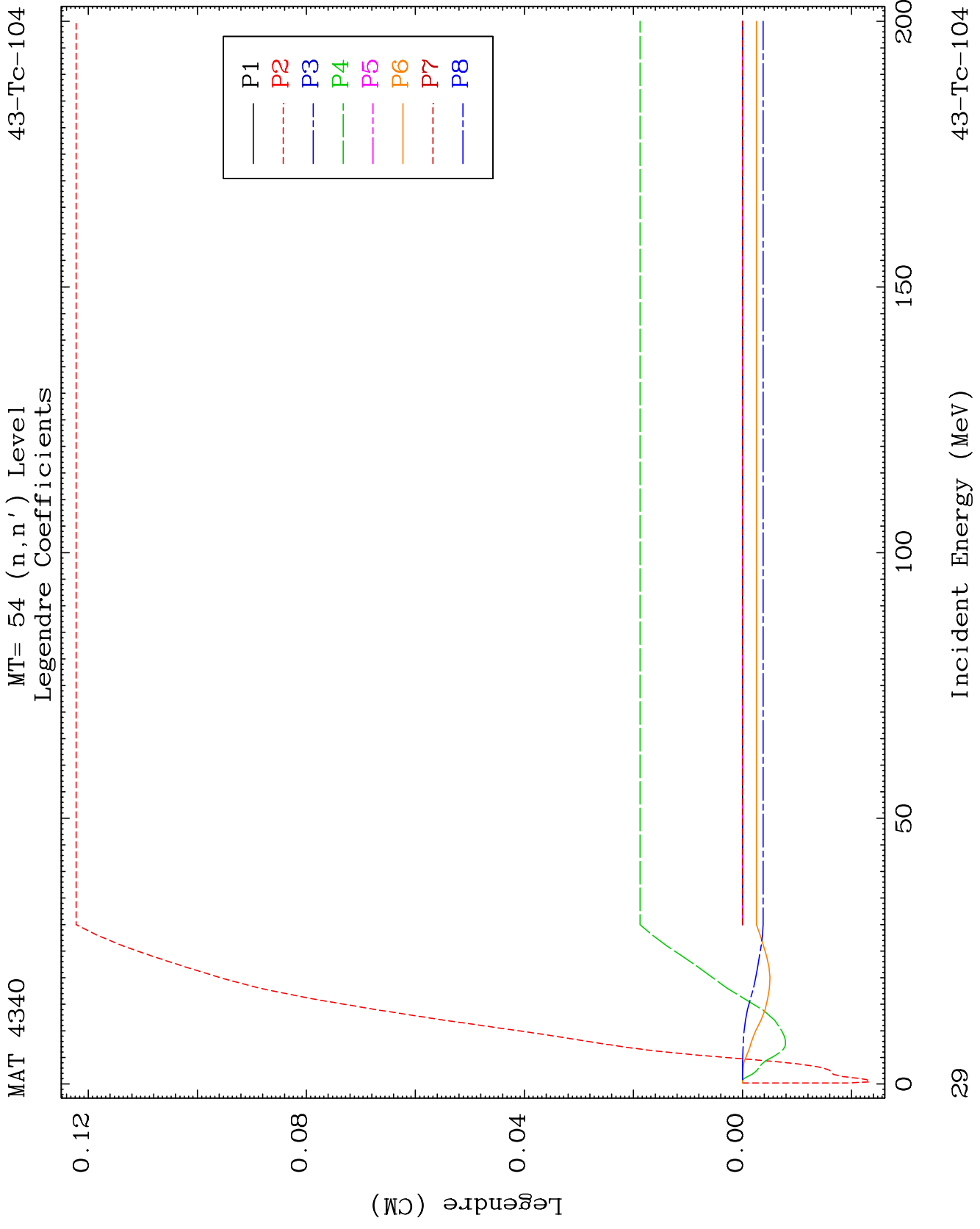
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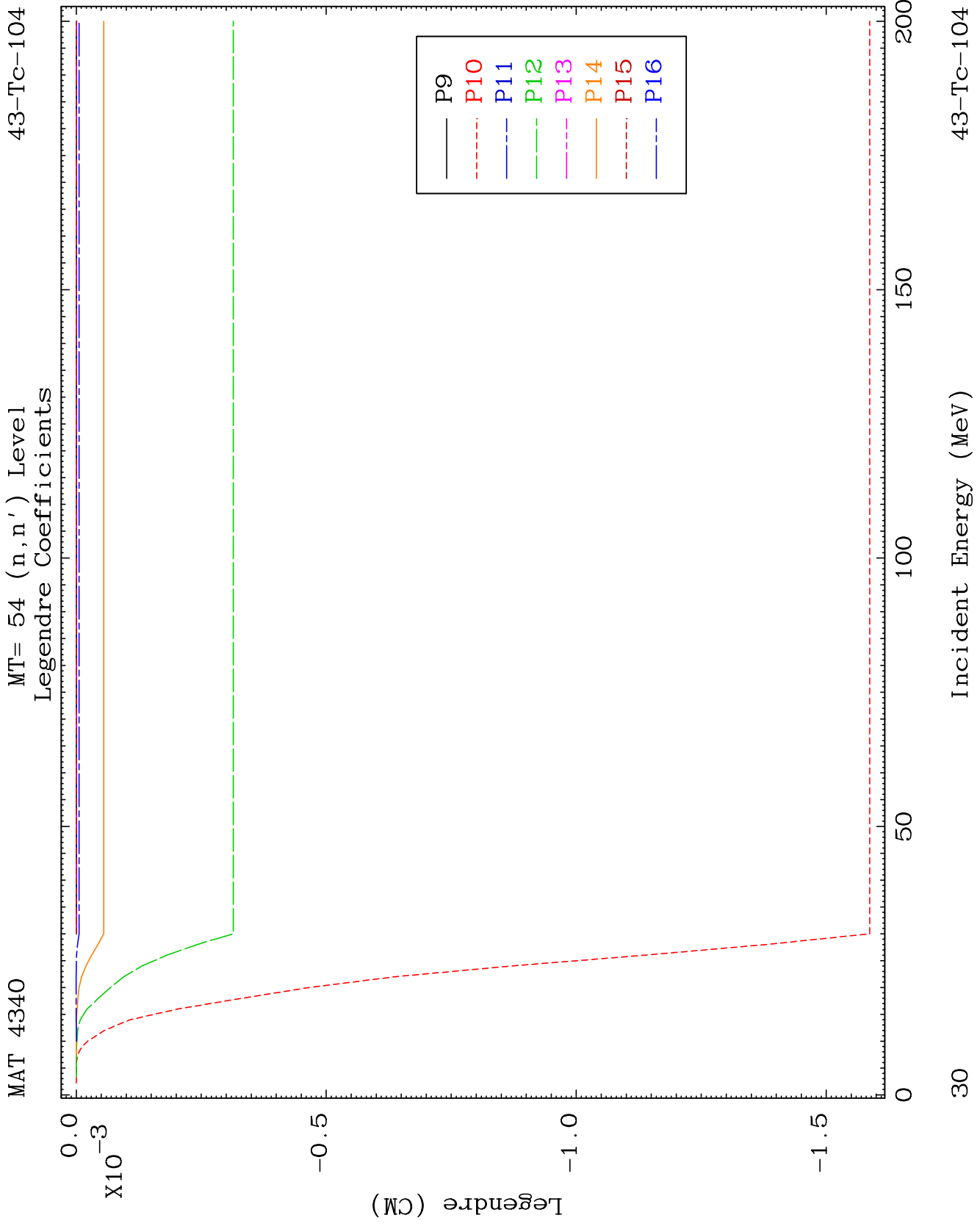
Incident Energy (MeV)

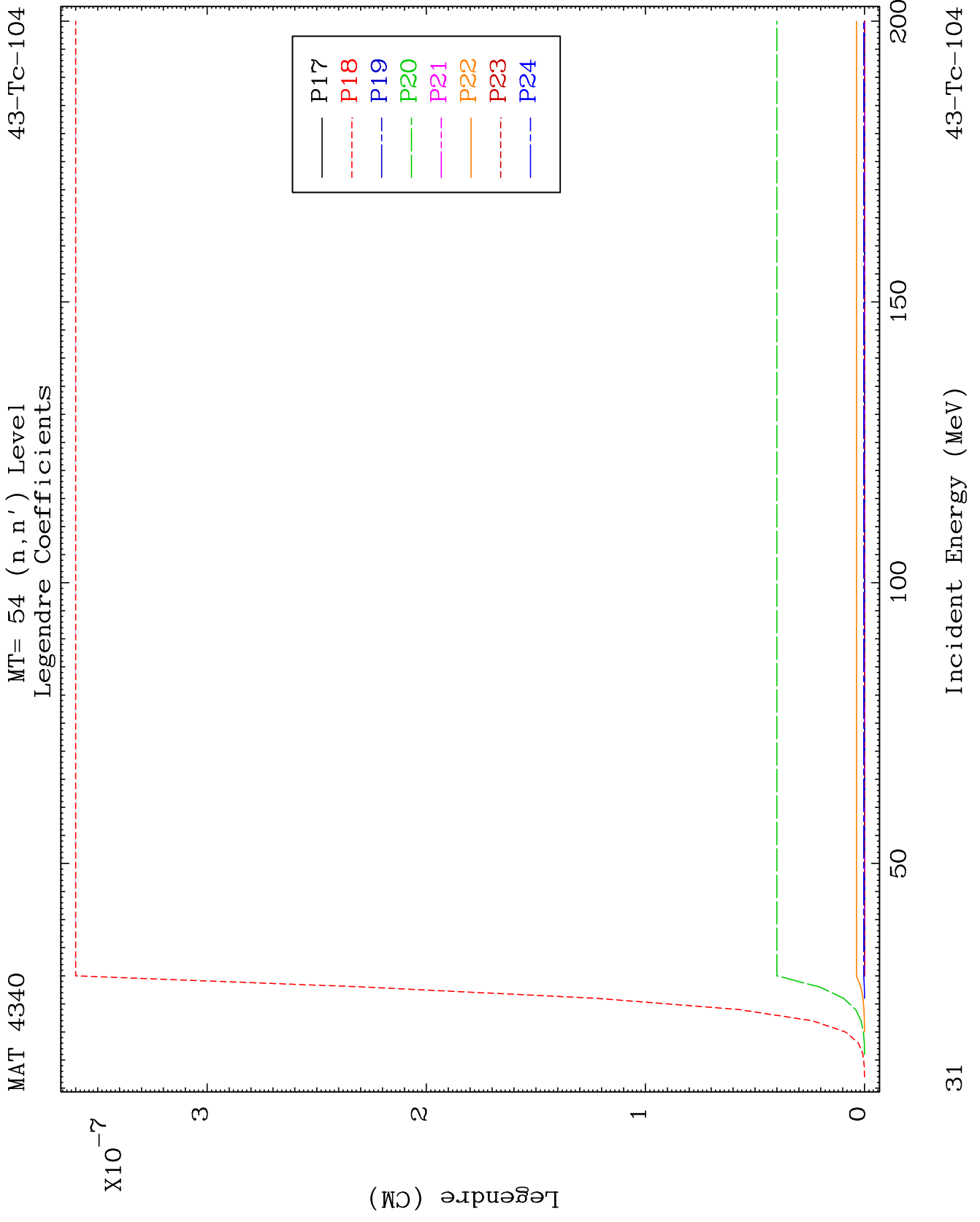
26

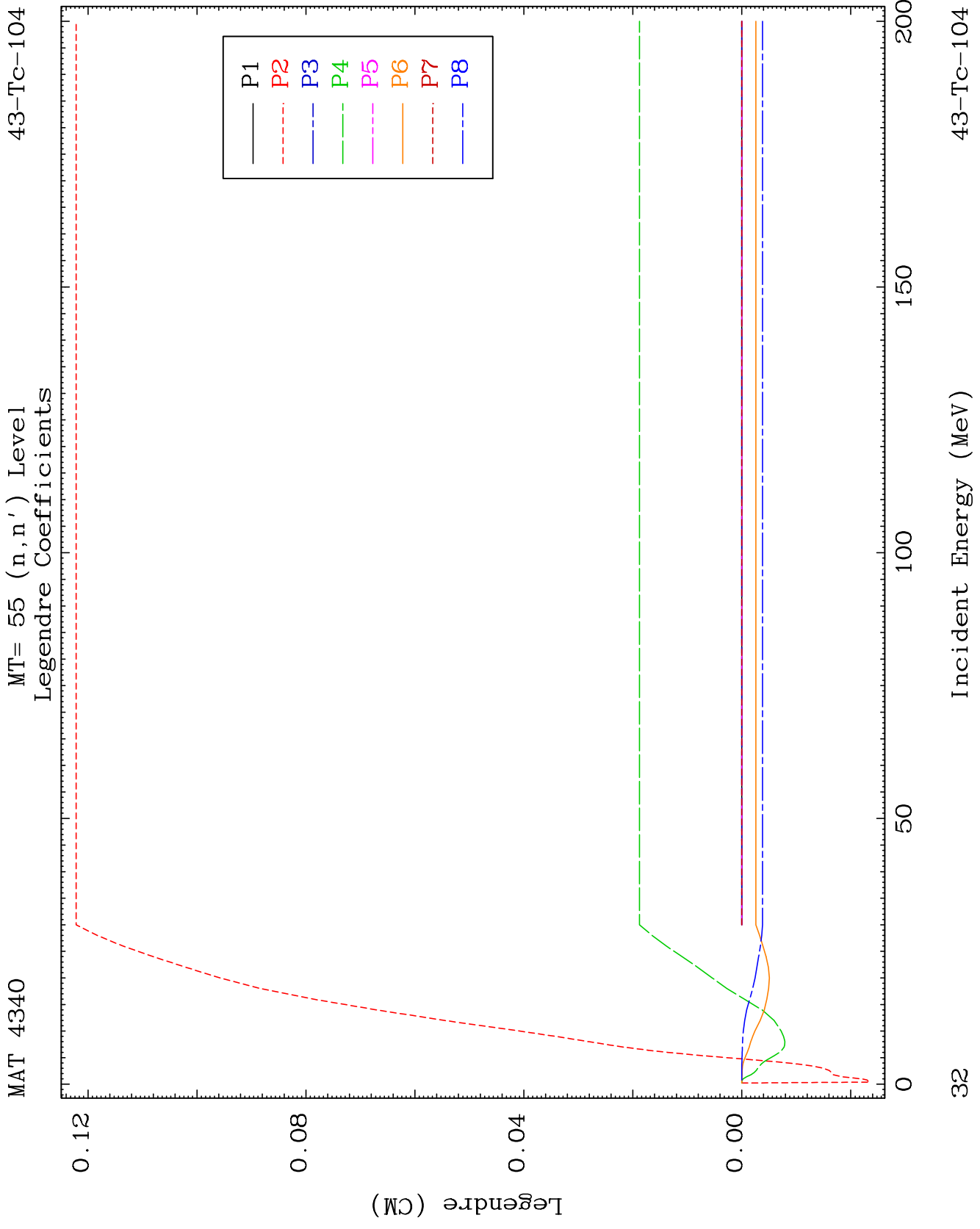


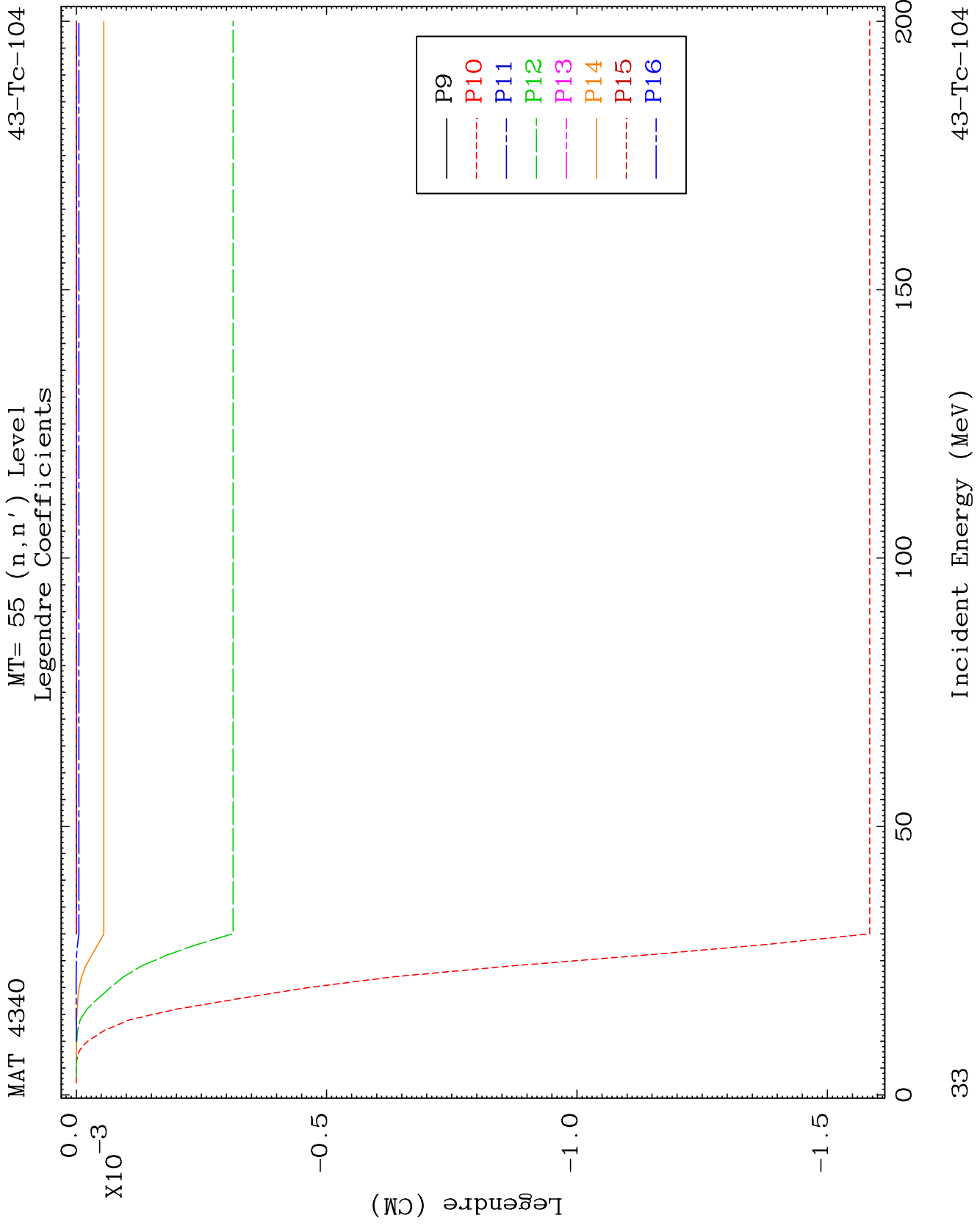


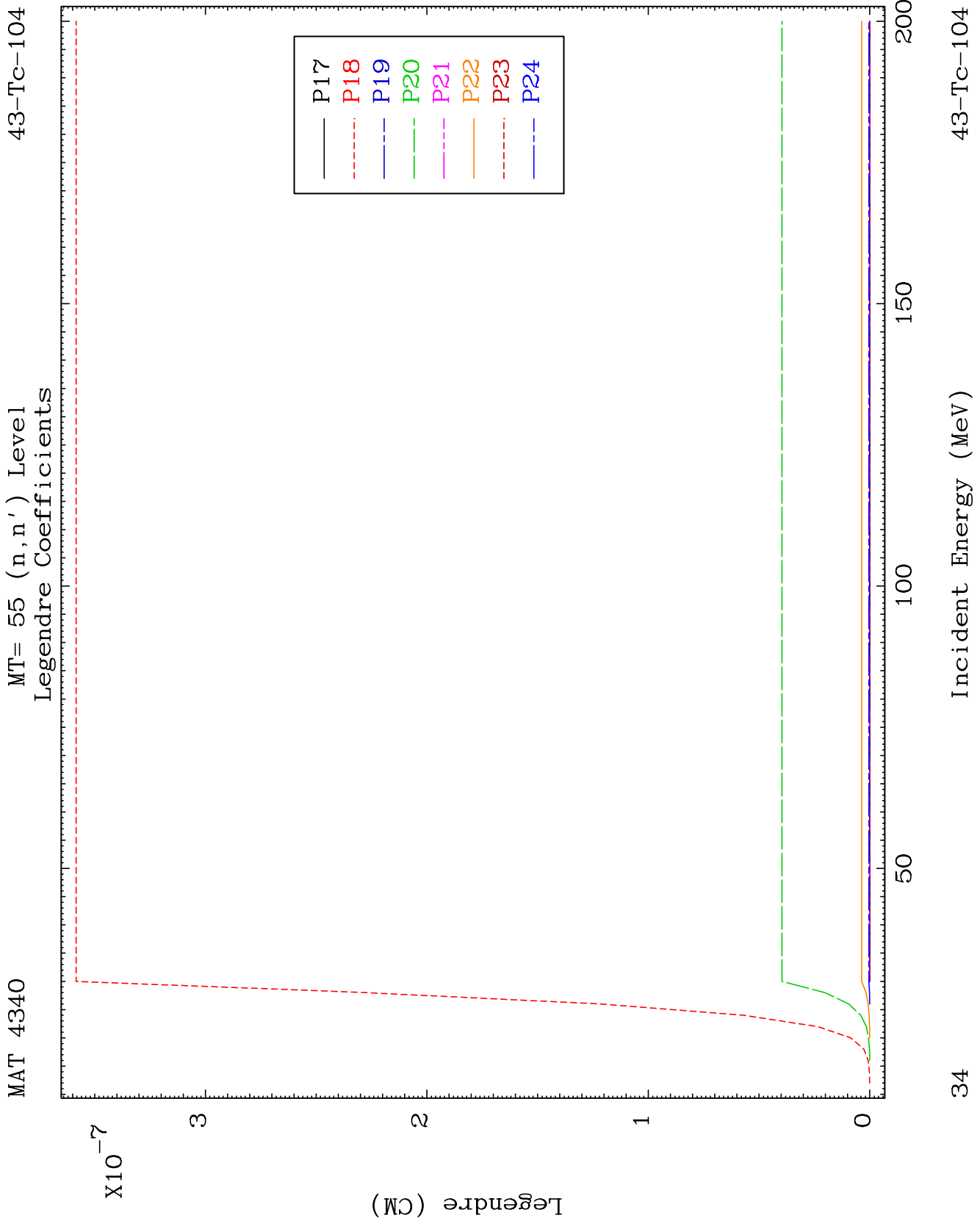


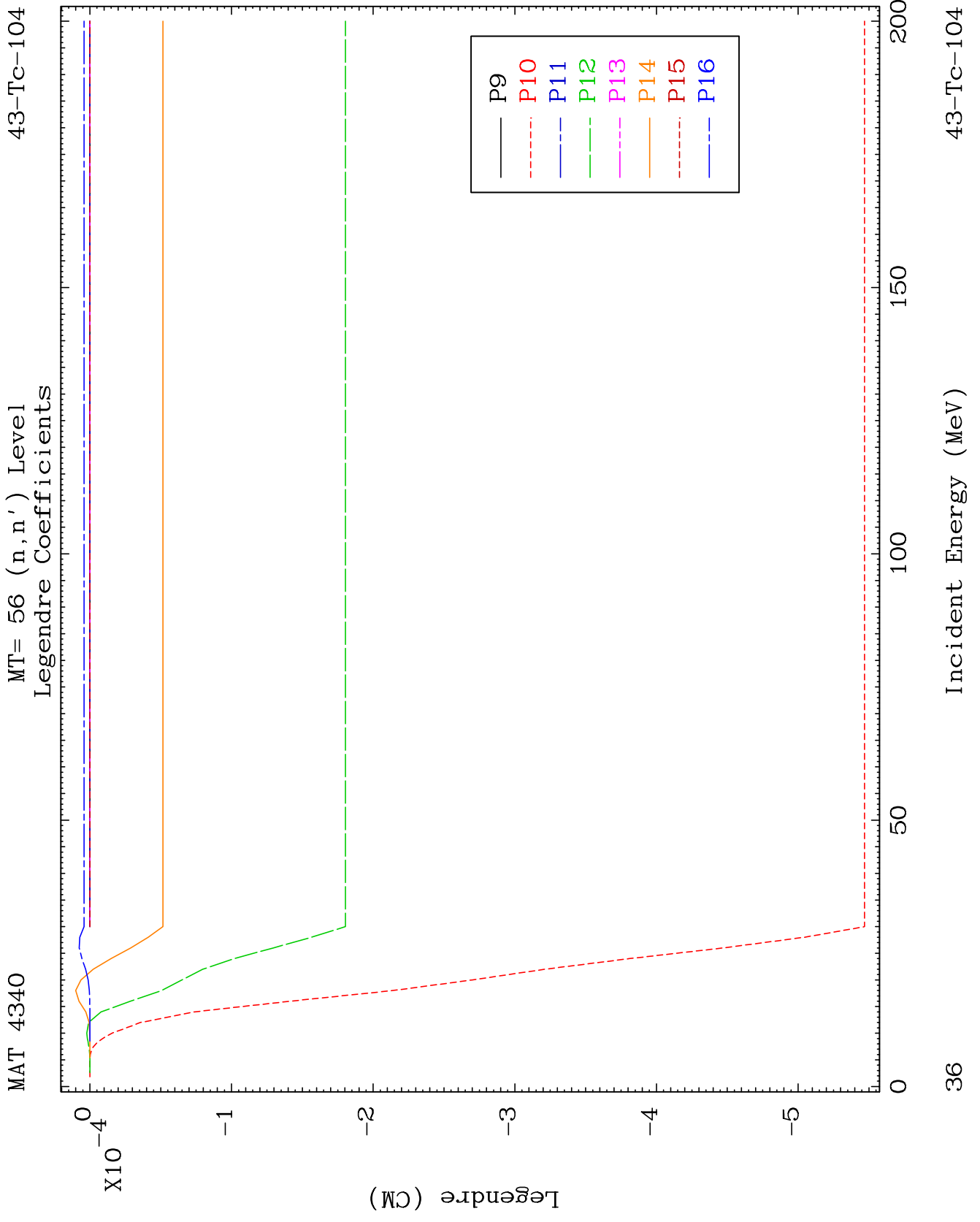


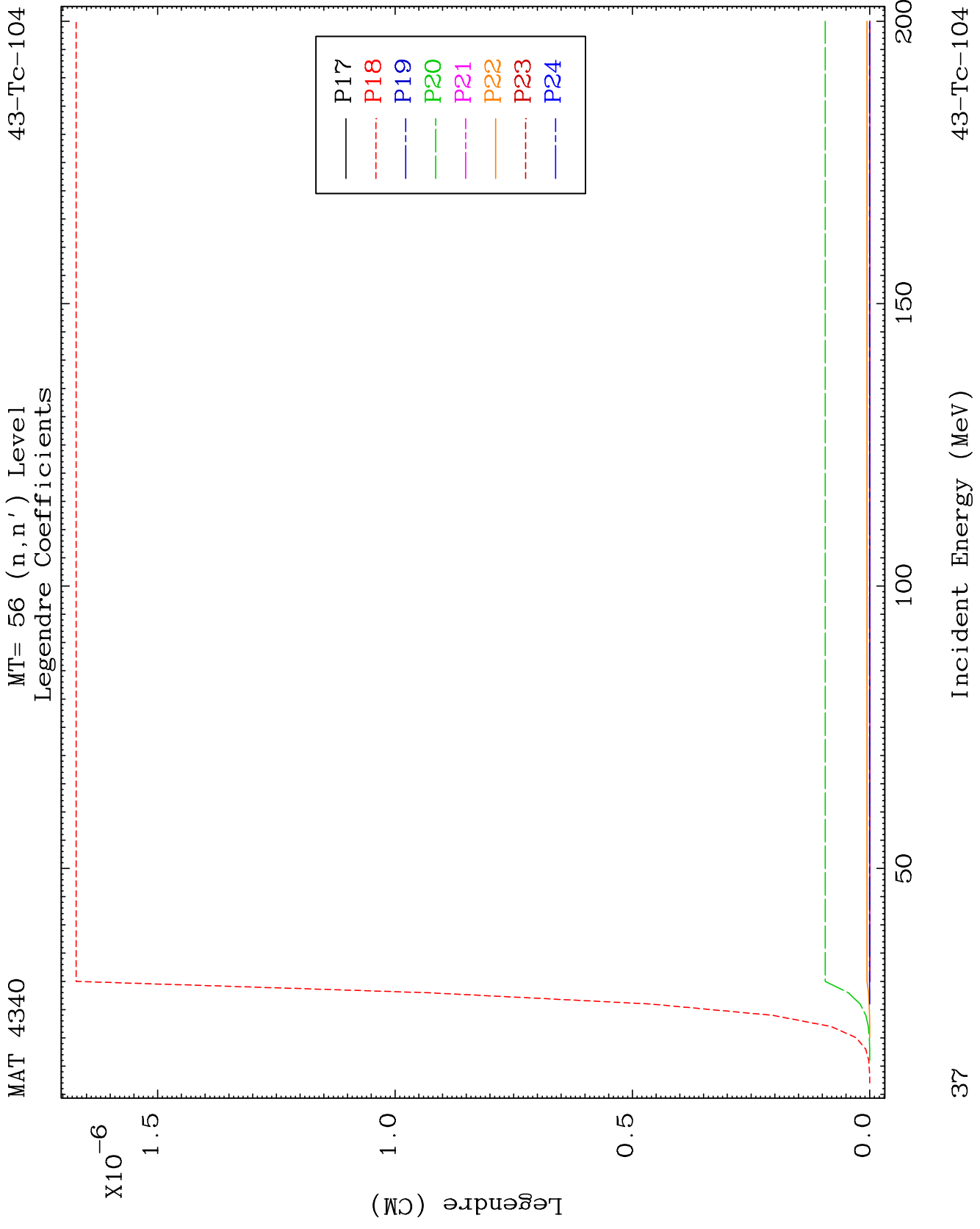


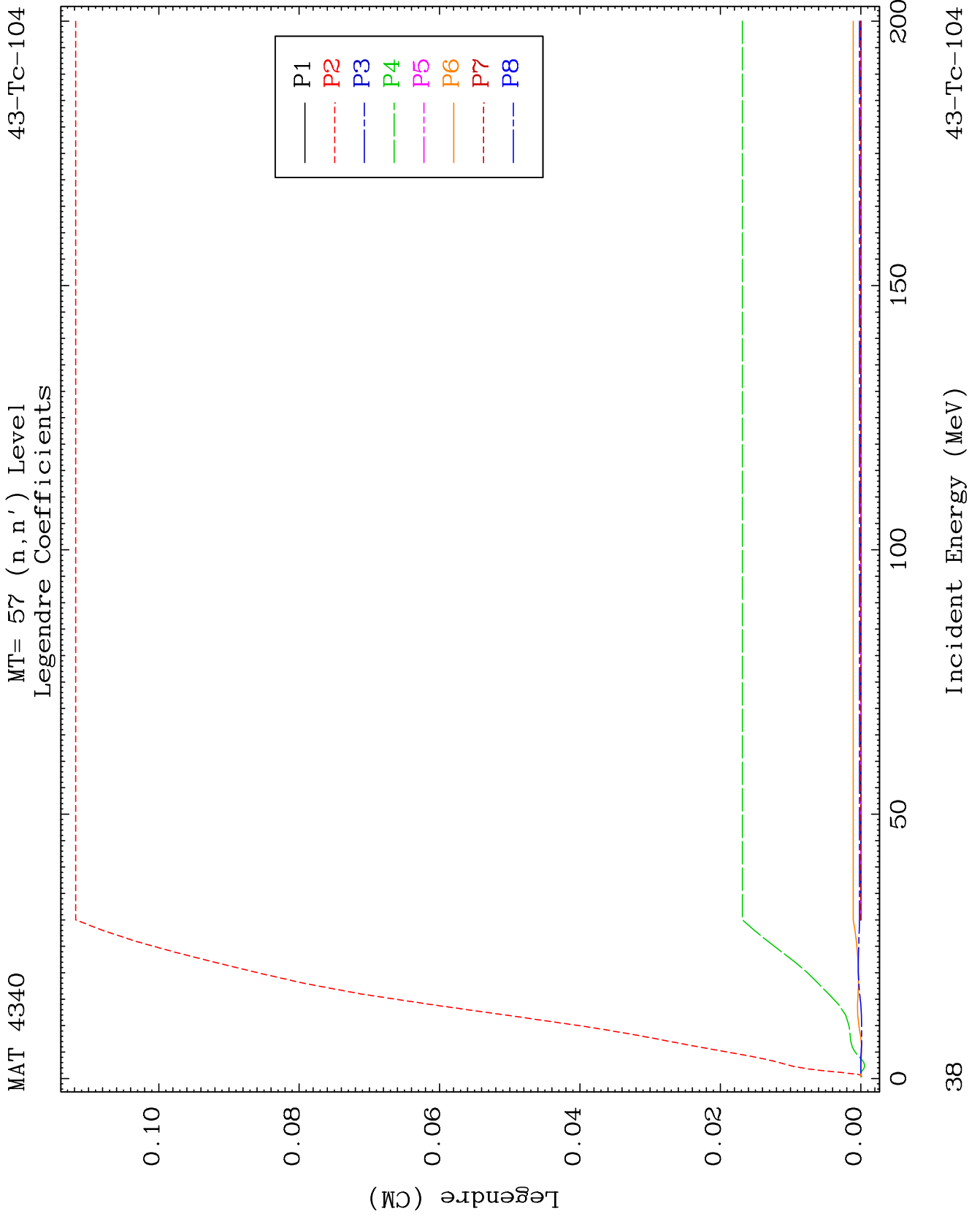


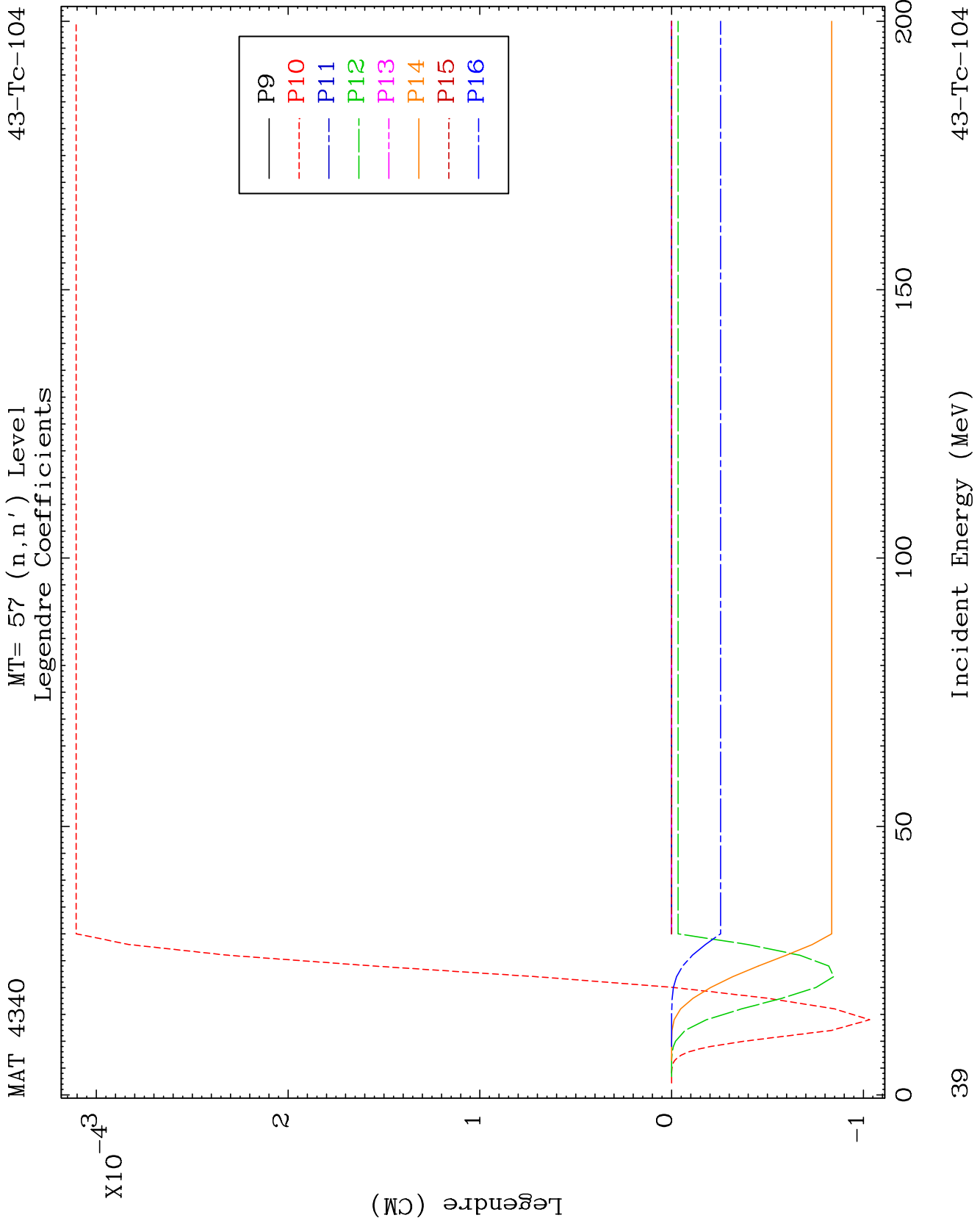


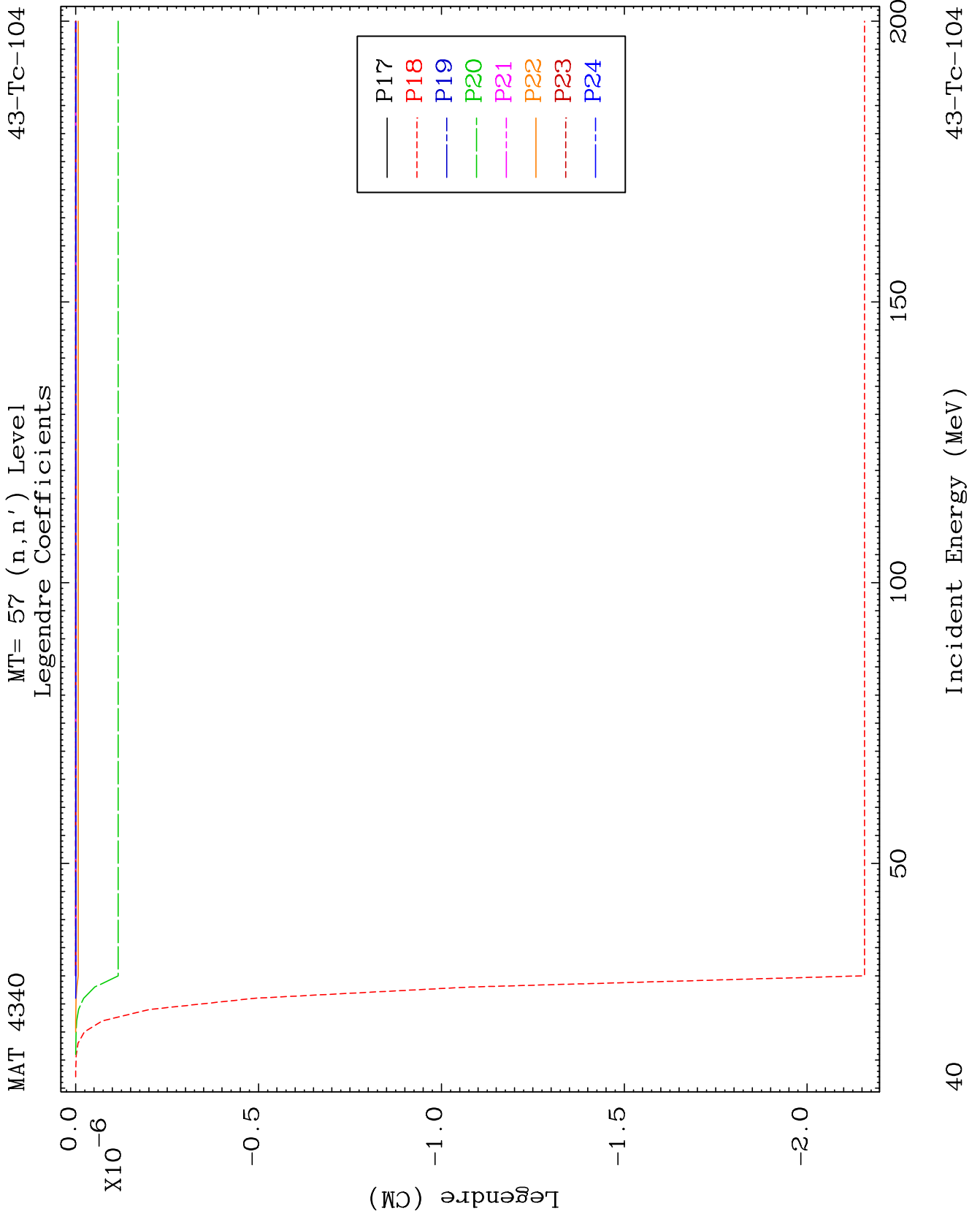








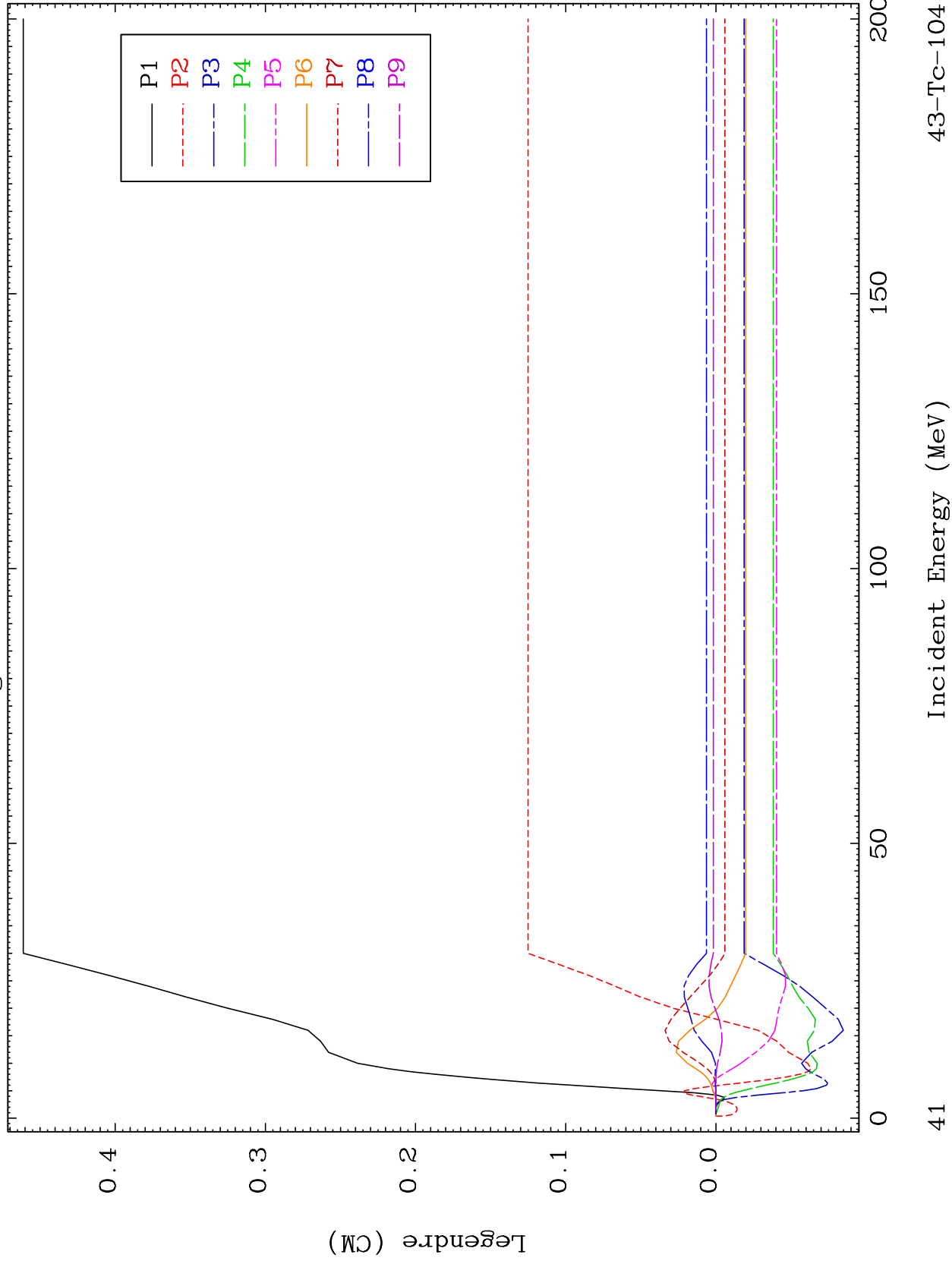


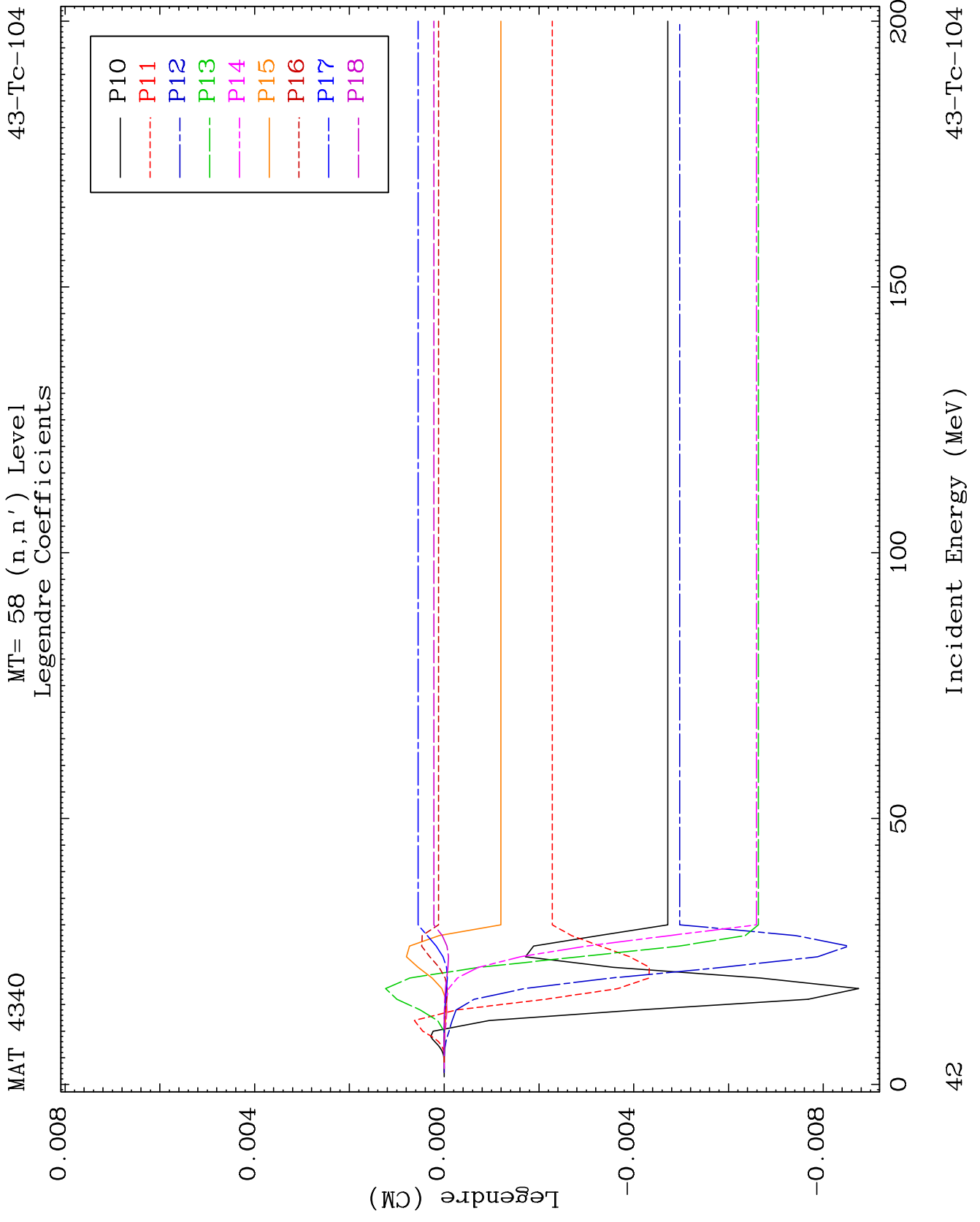


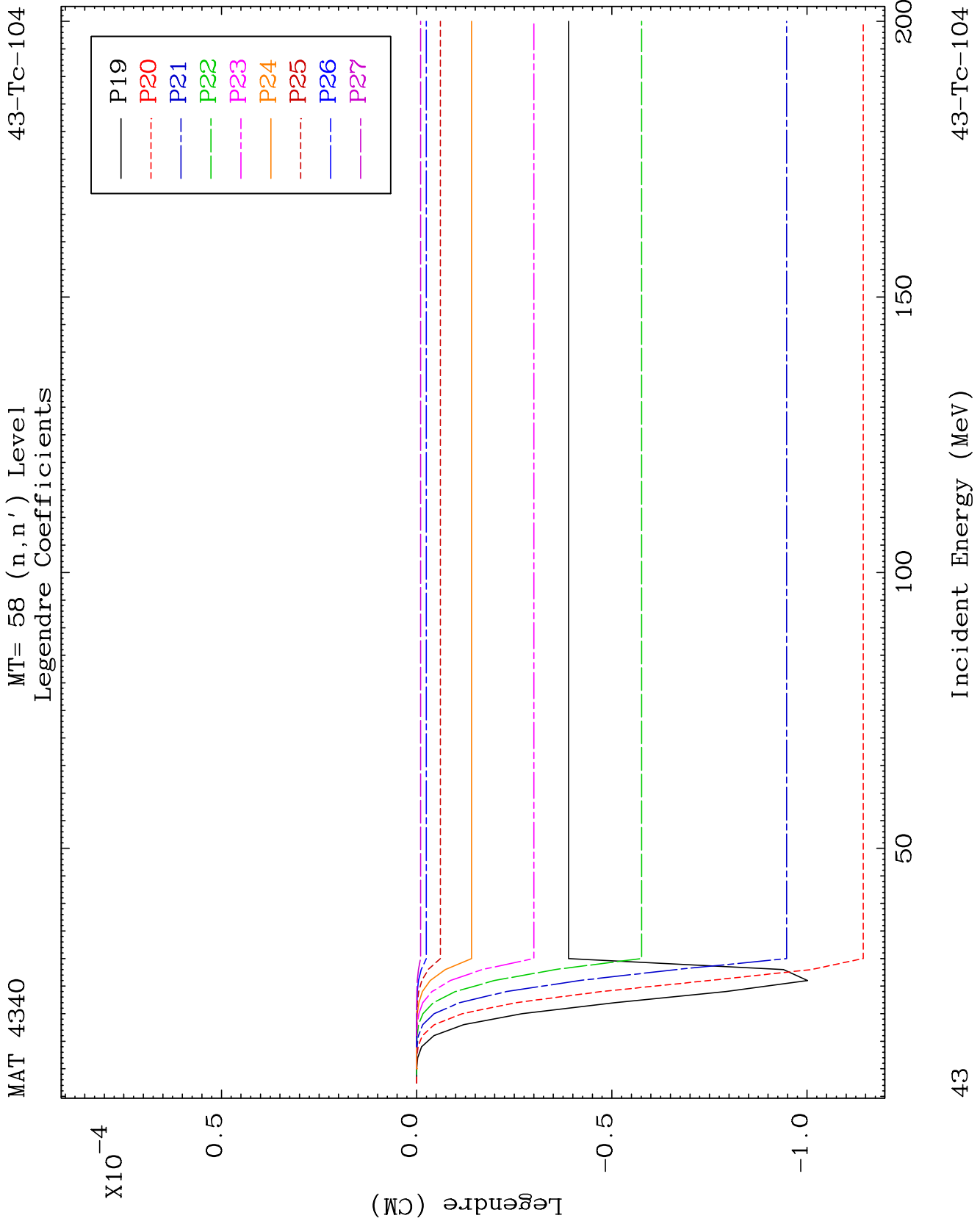
MAT 4340

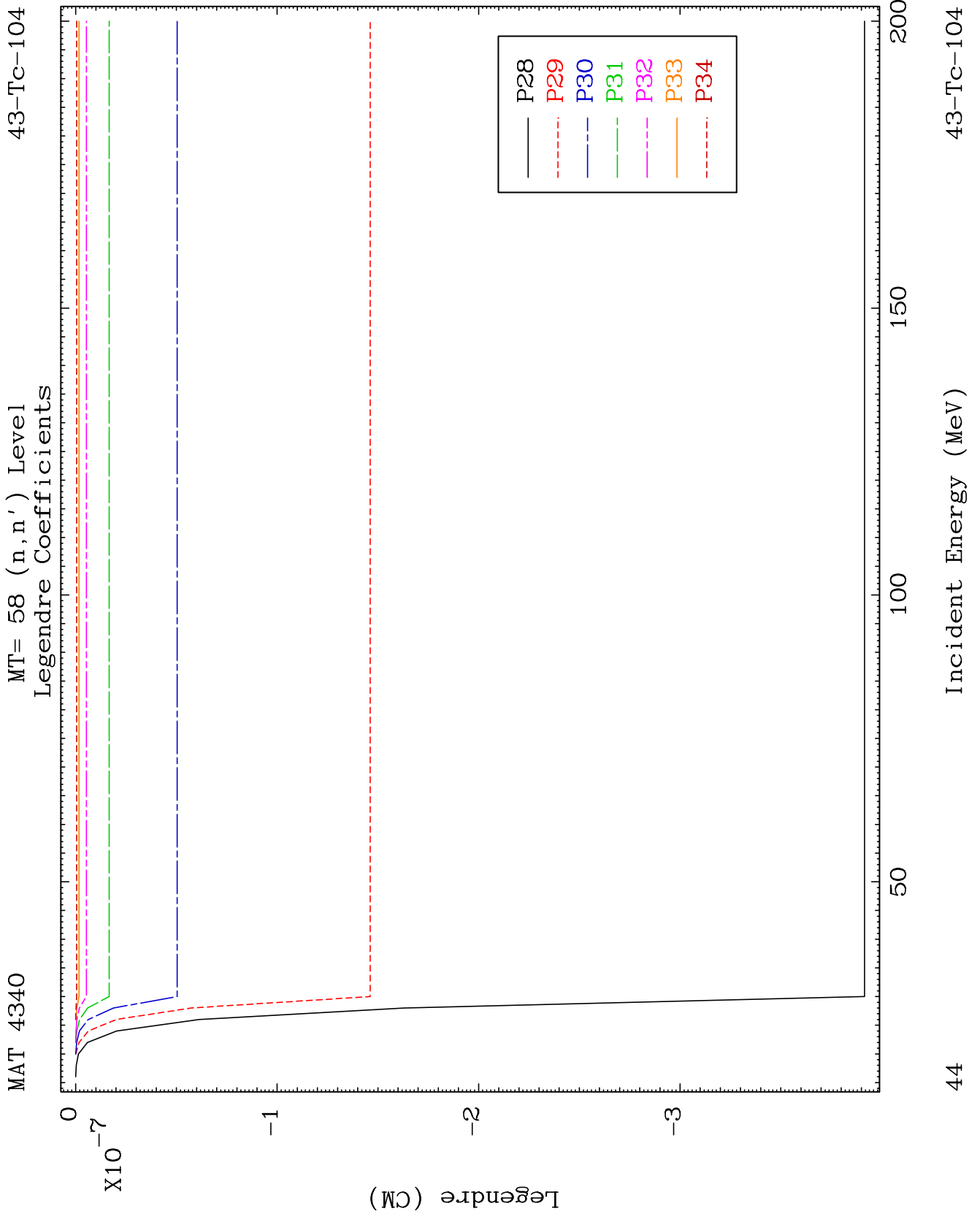
MT= 58 (n,n') Level
Legendre Coefficients

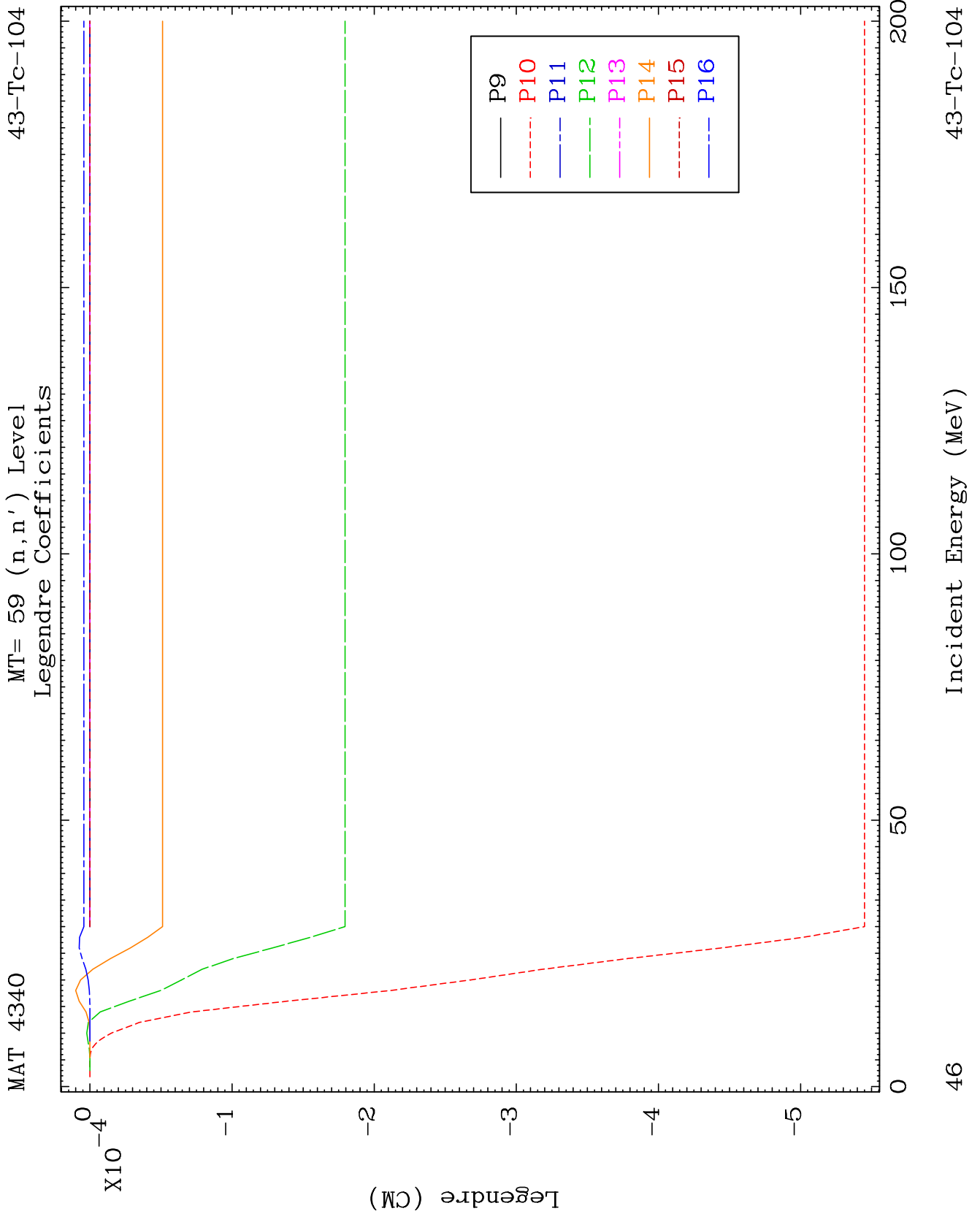
43-Tc-104

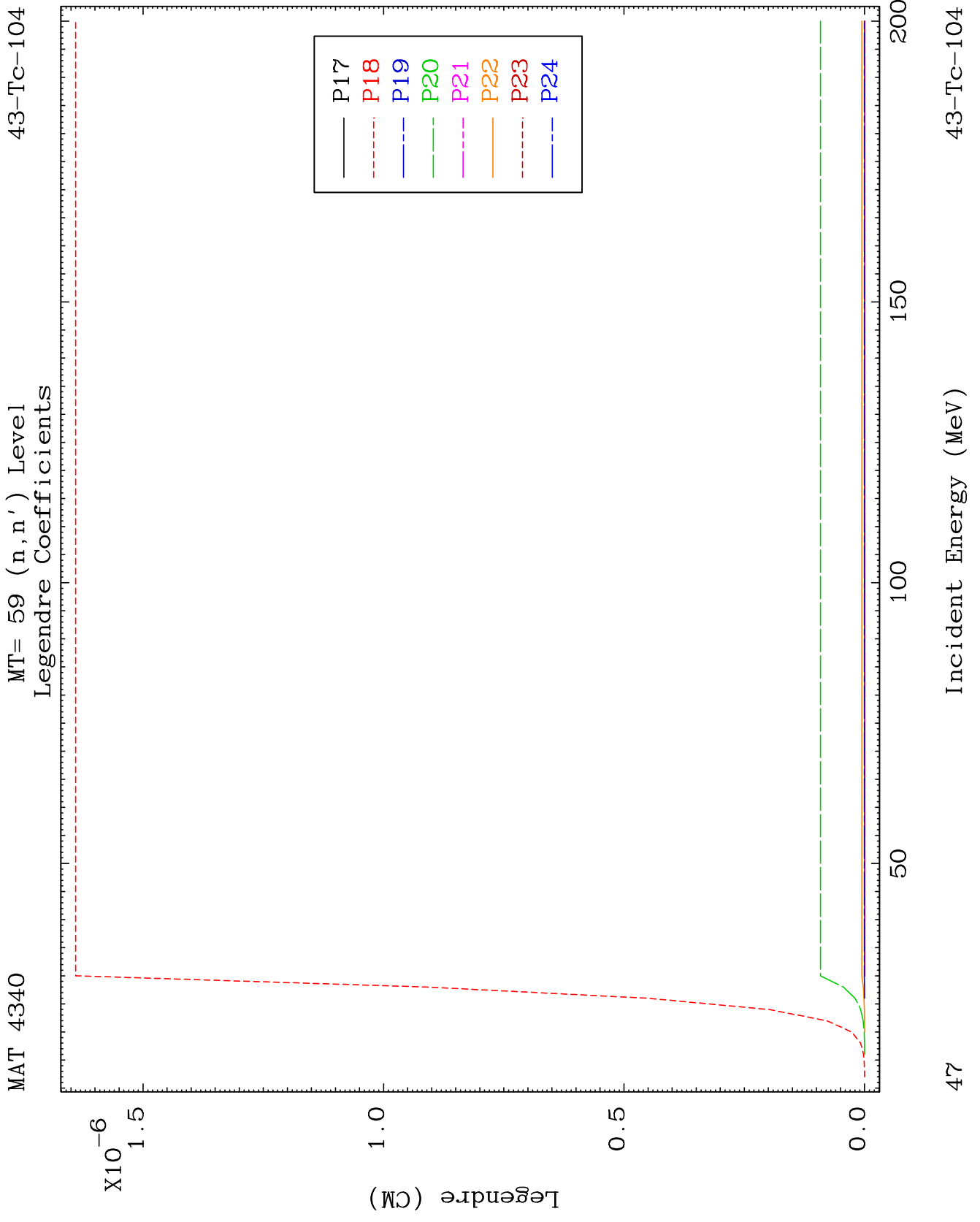


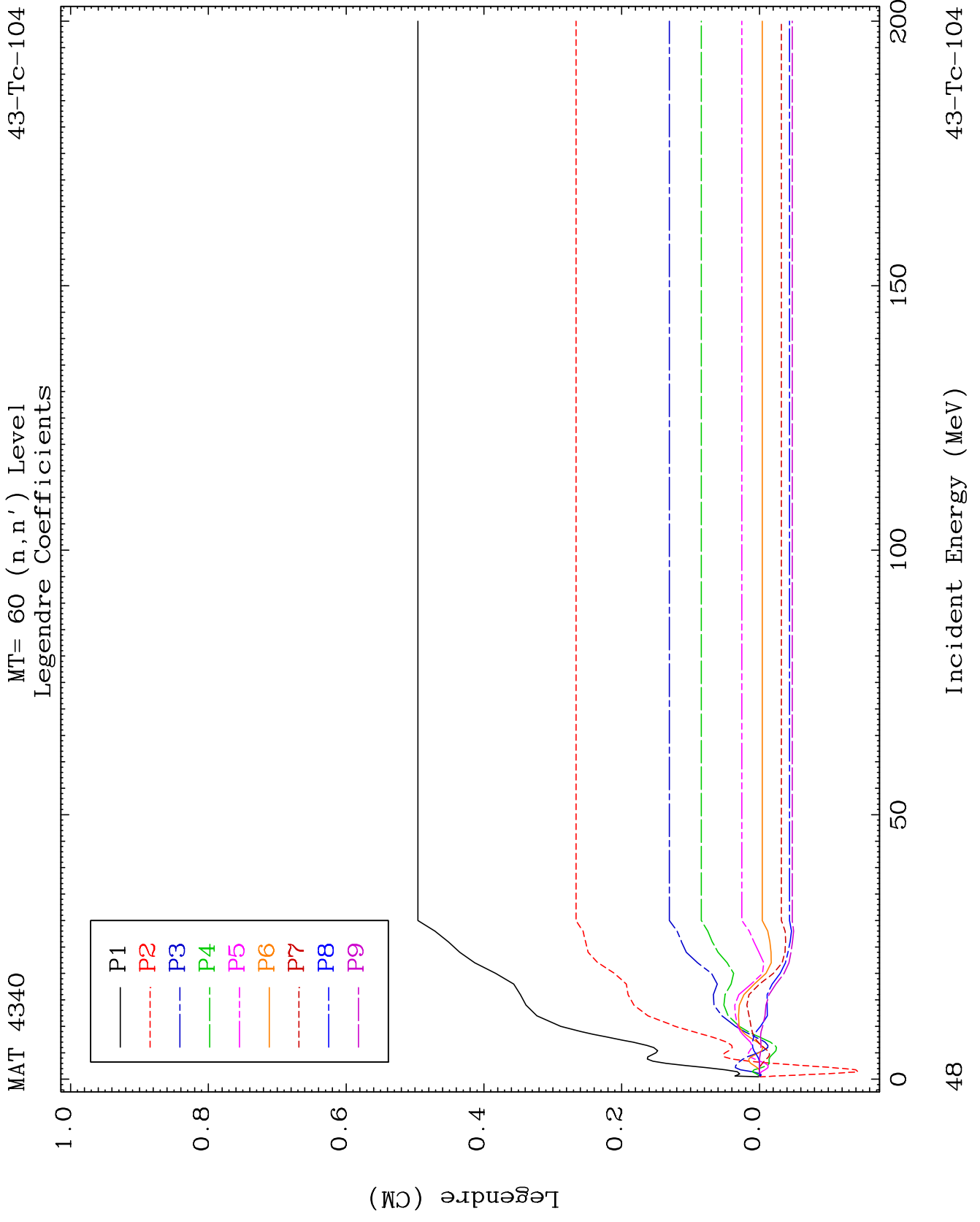


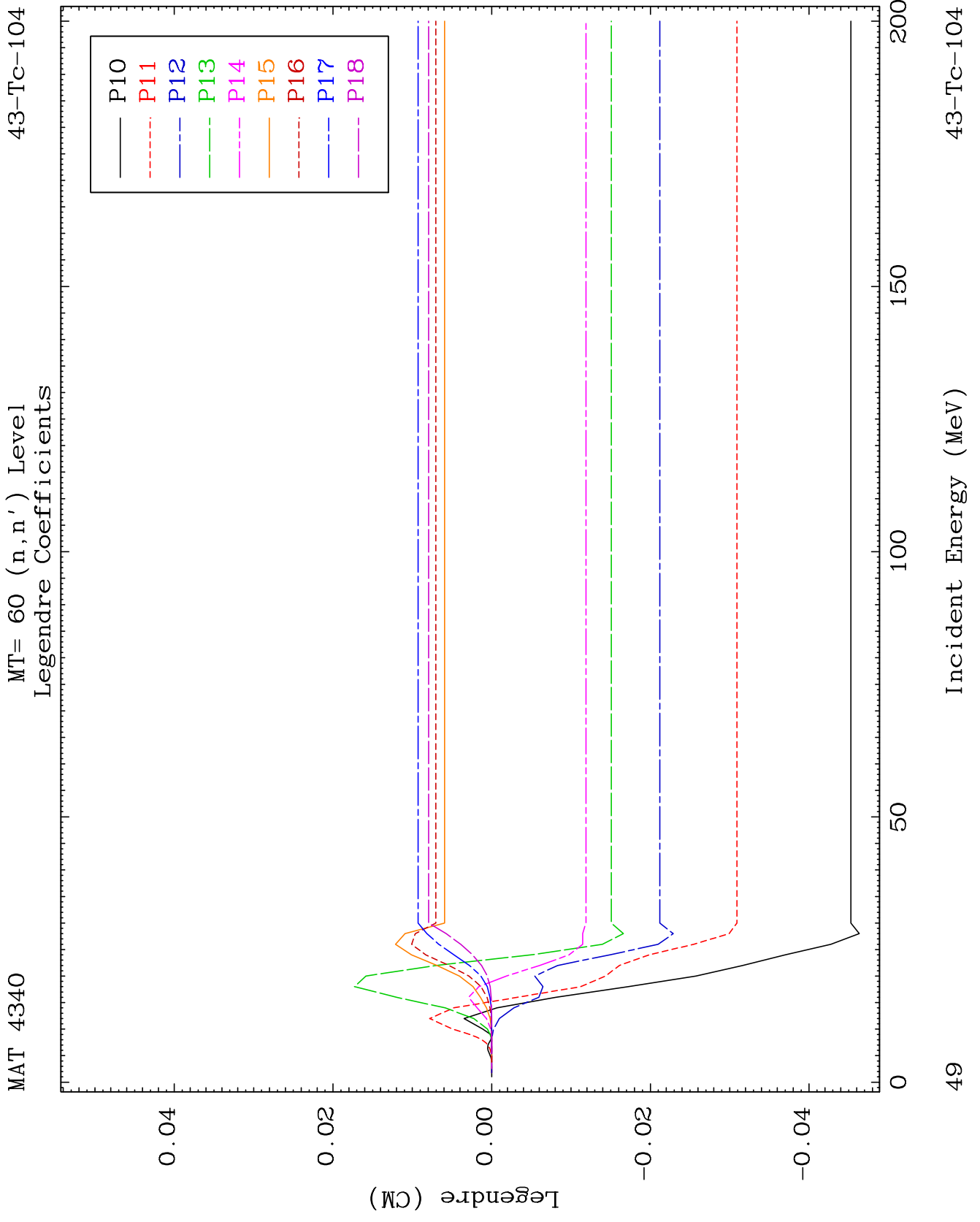








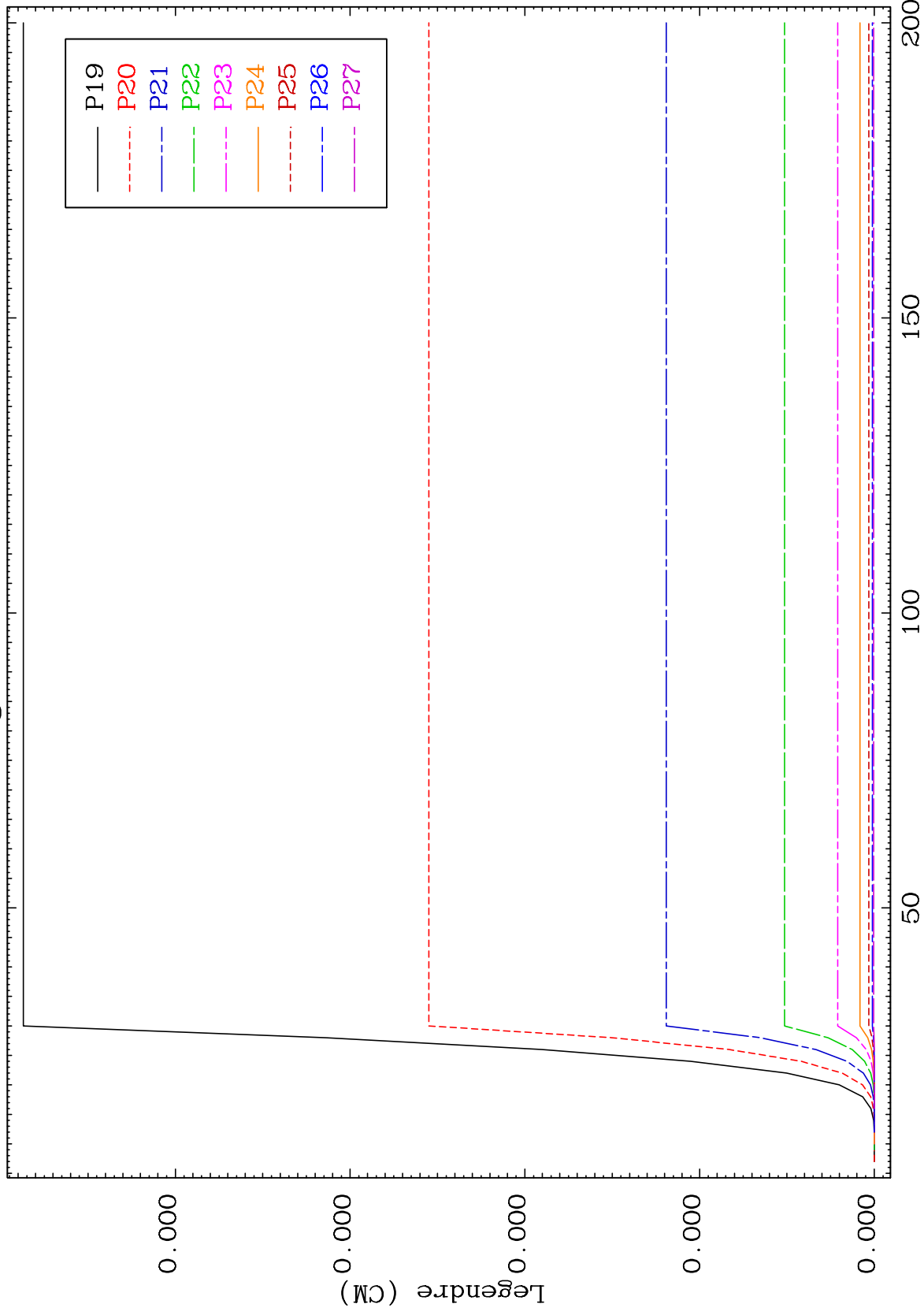




MAT 4340

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

43-Tc-104



50

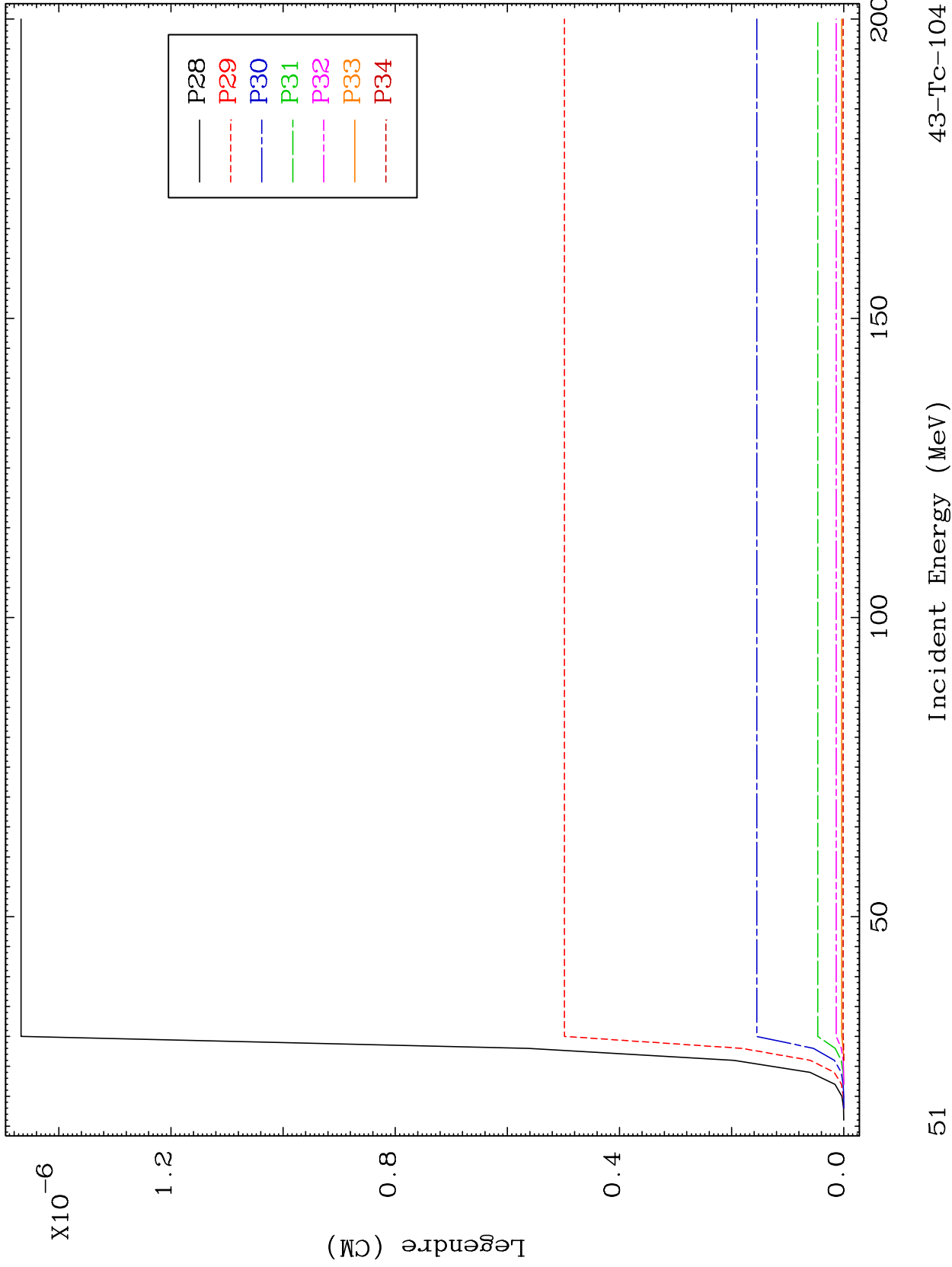
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

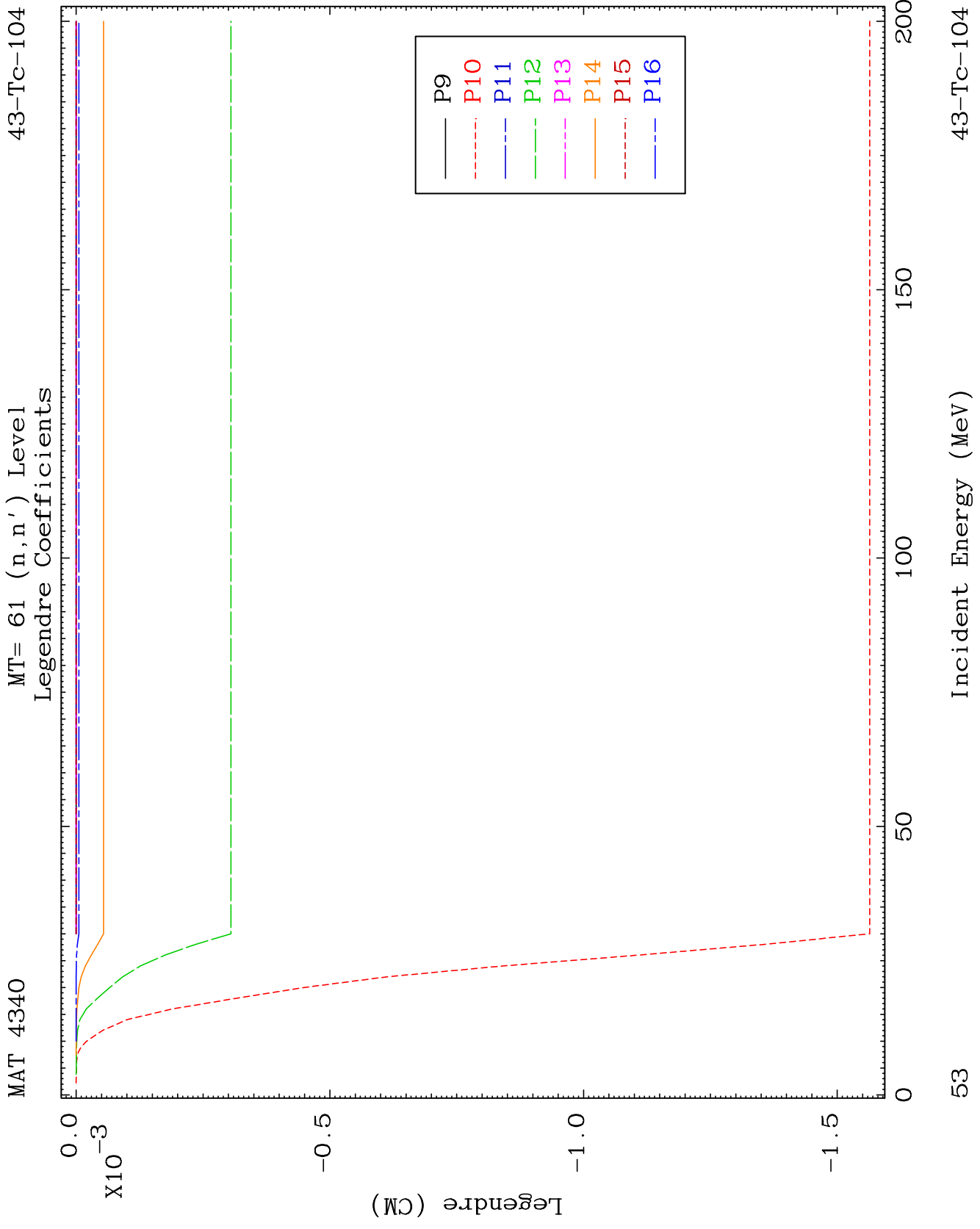
43-Tc-104

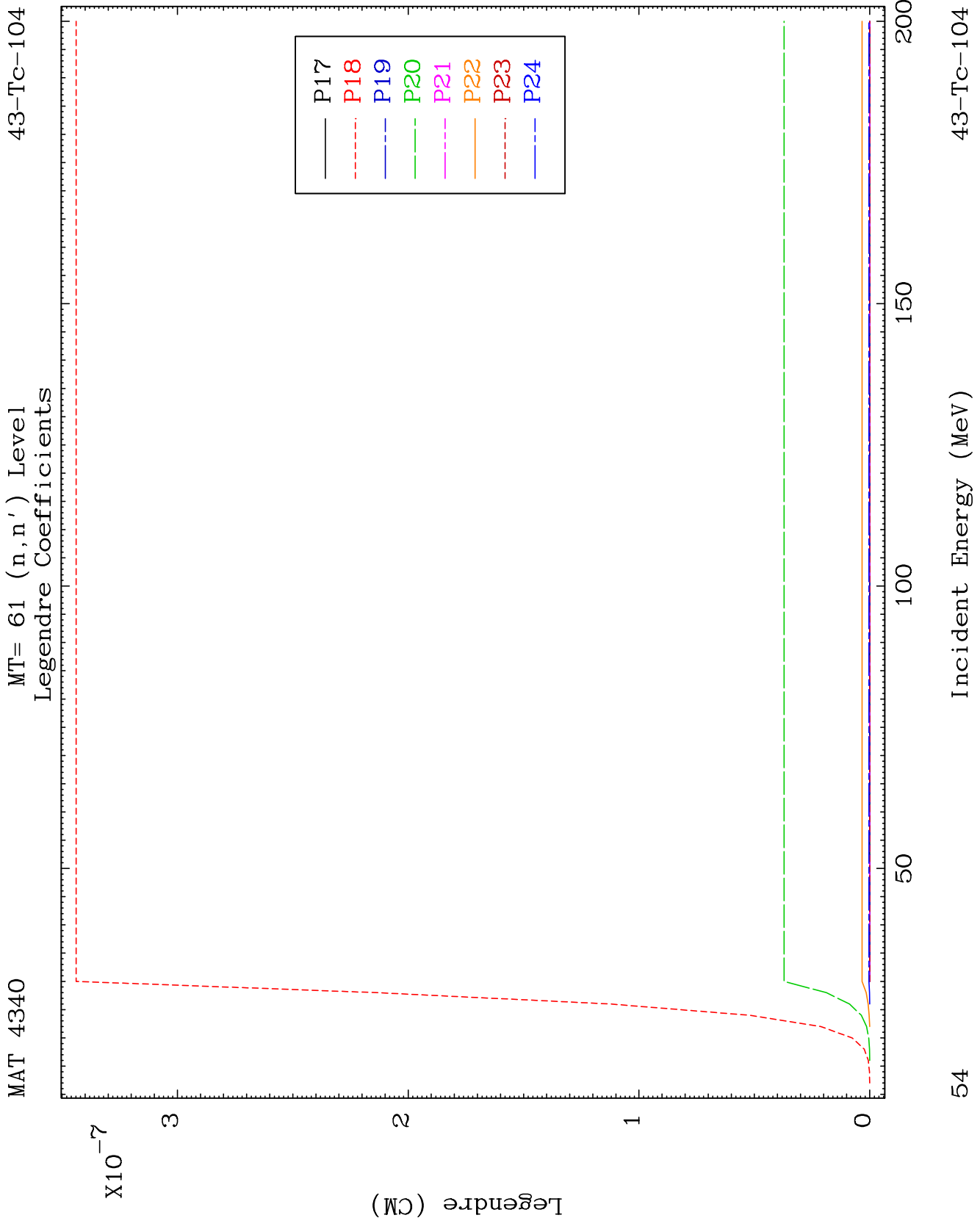


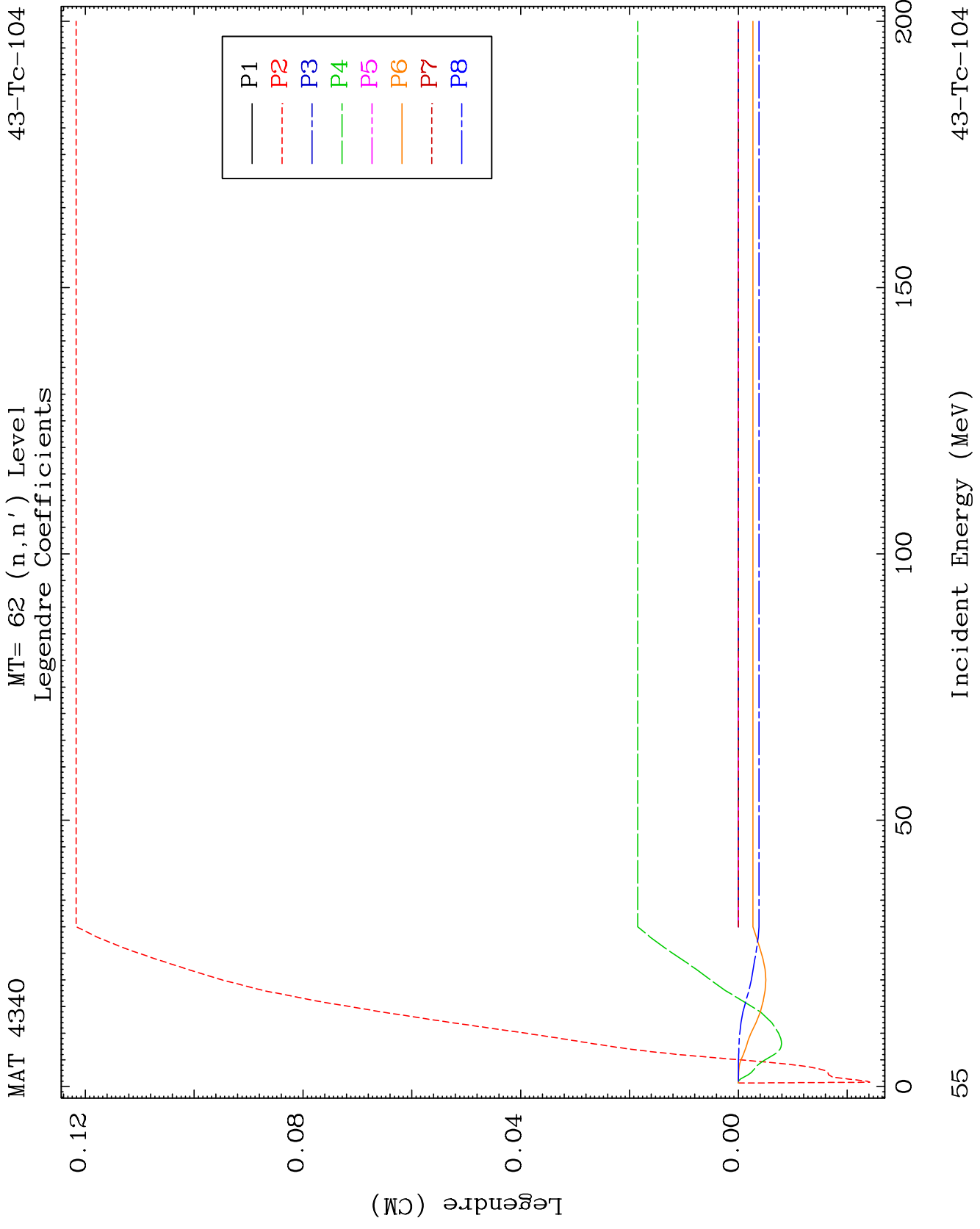
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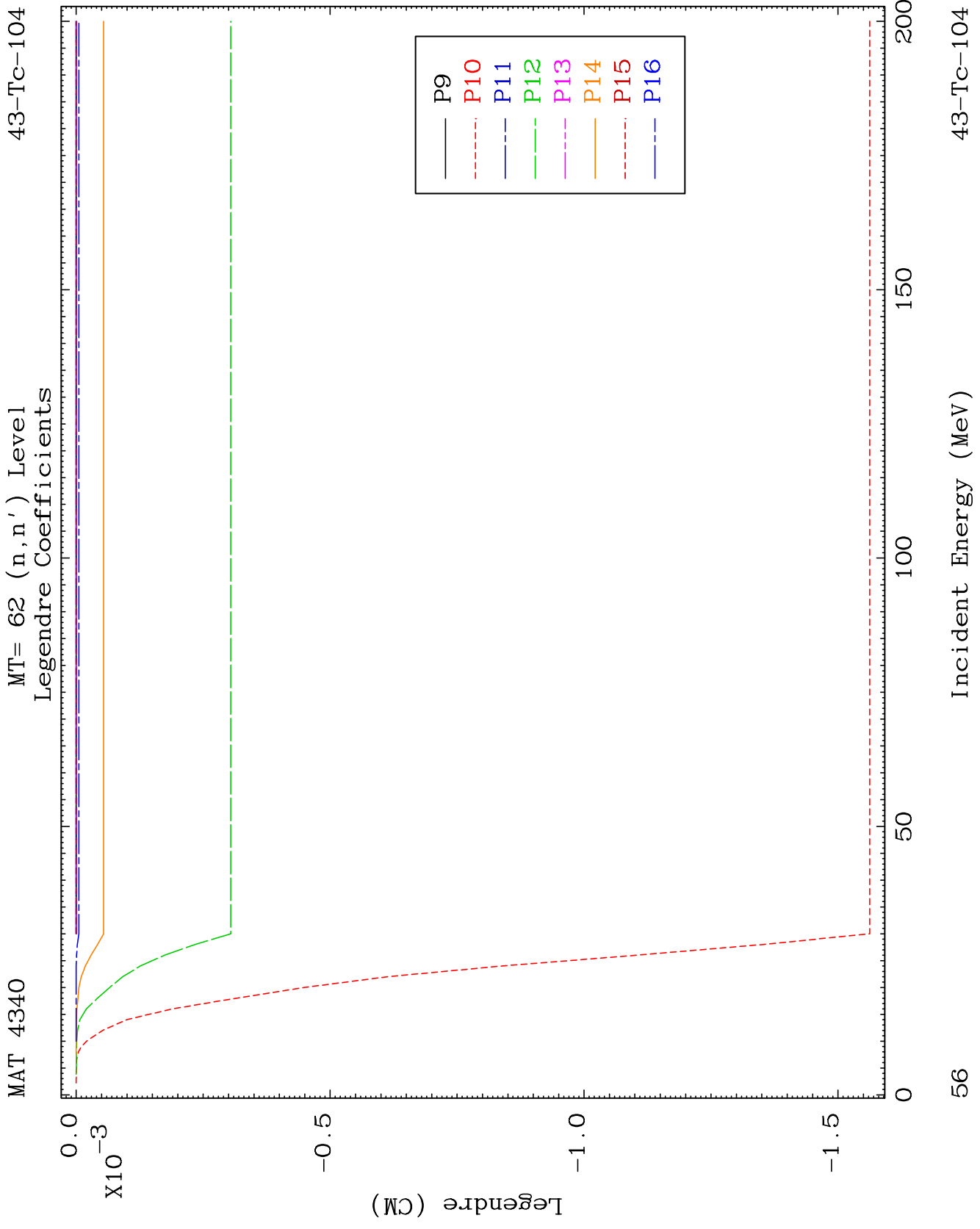
Incident Energy (MeV)

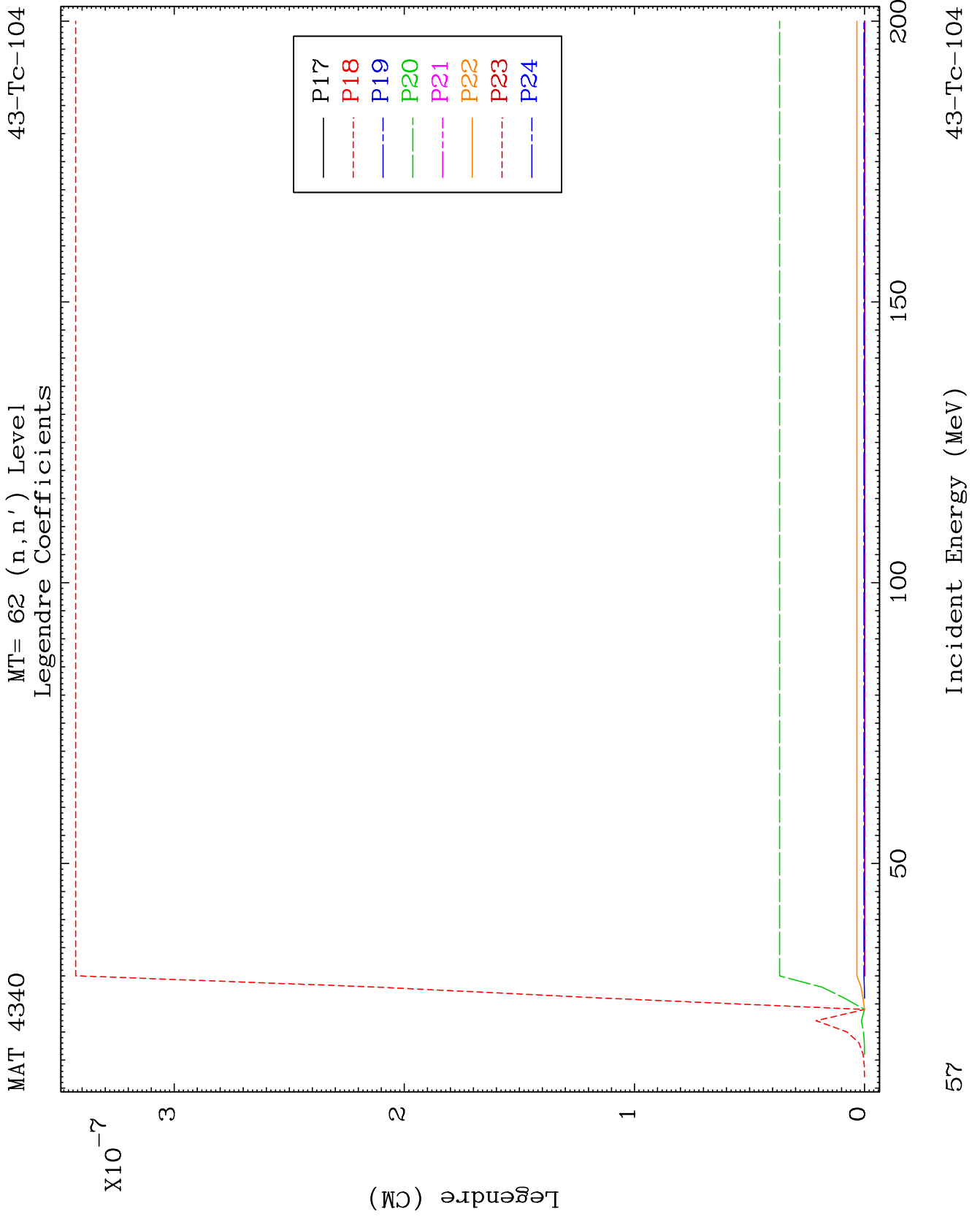
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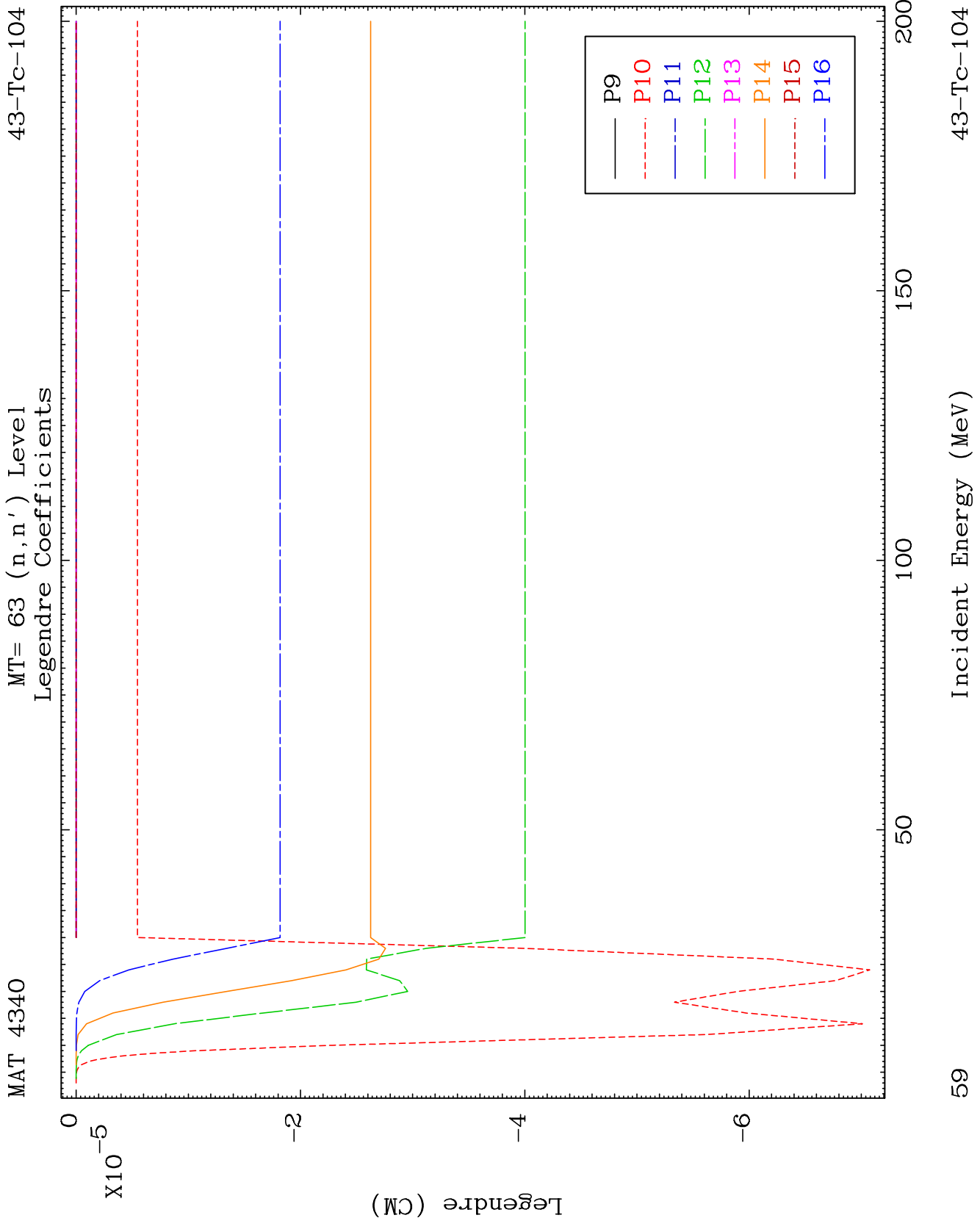


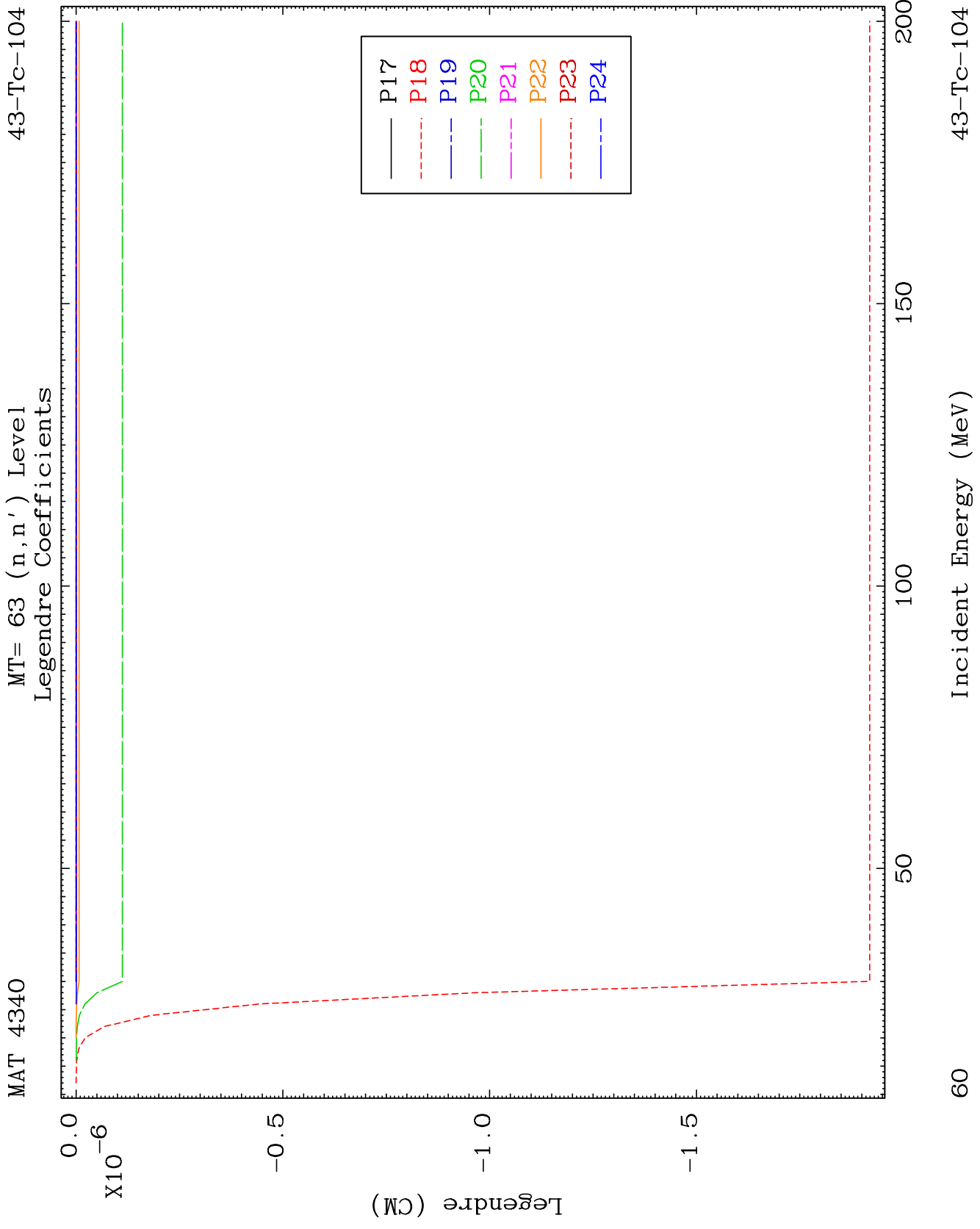


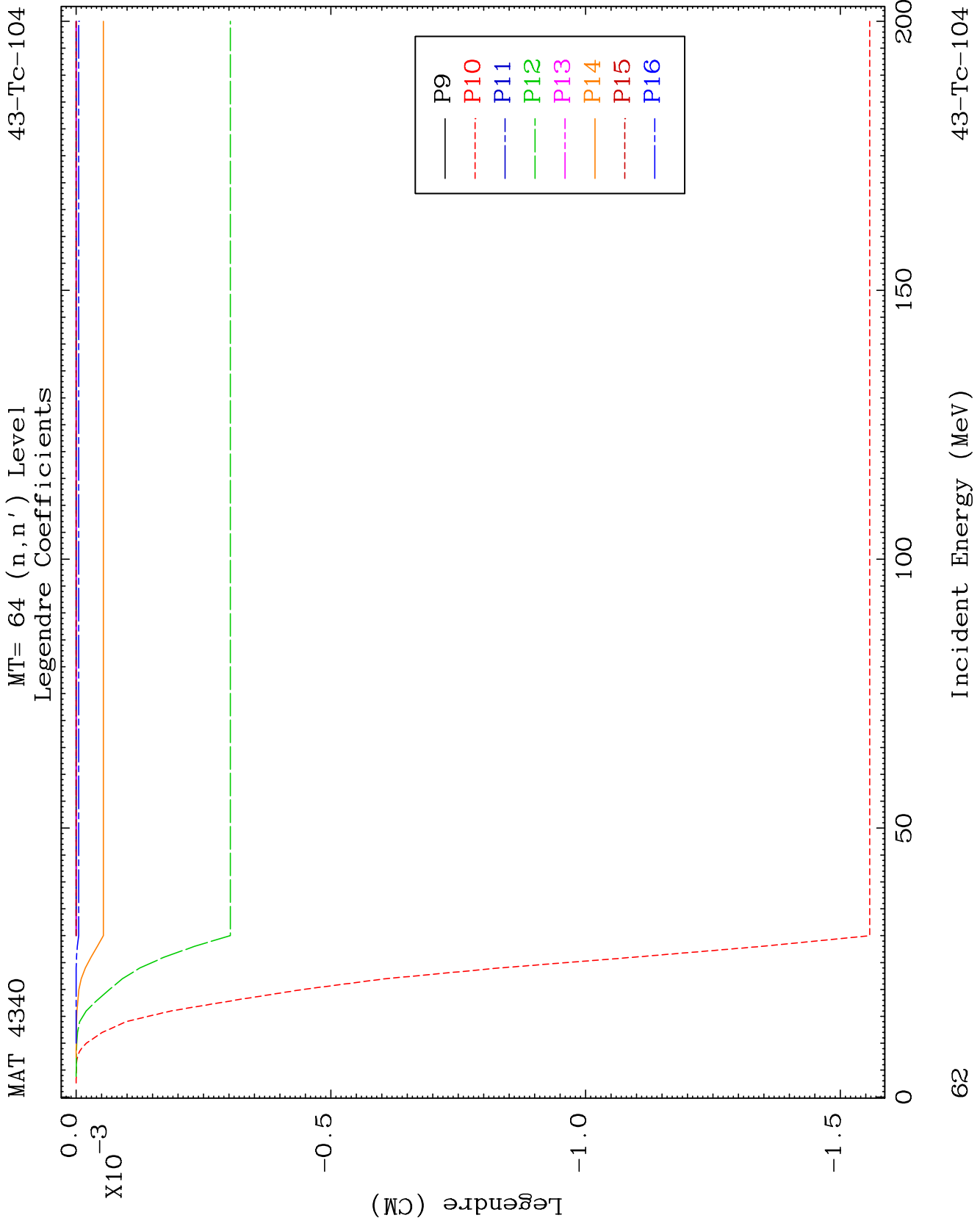










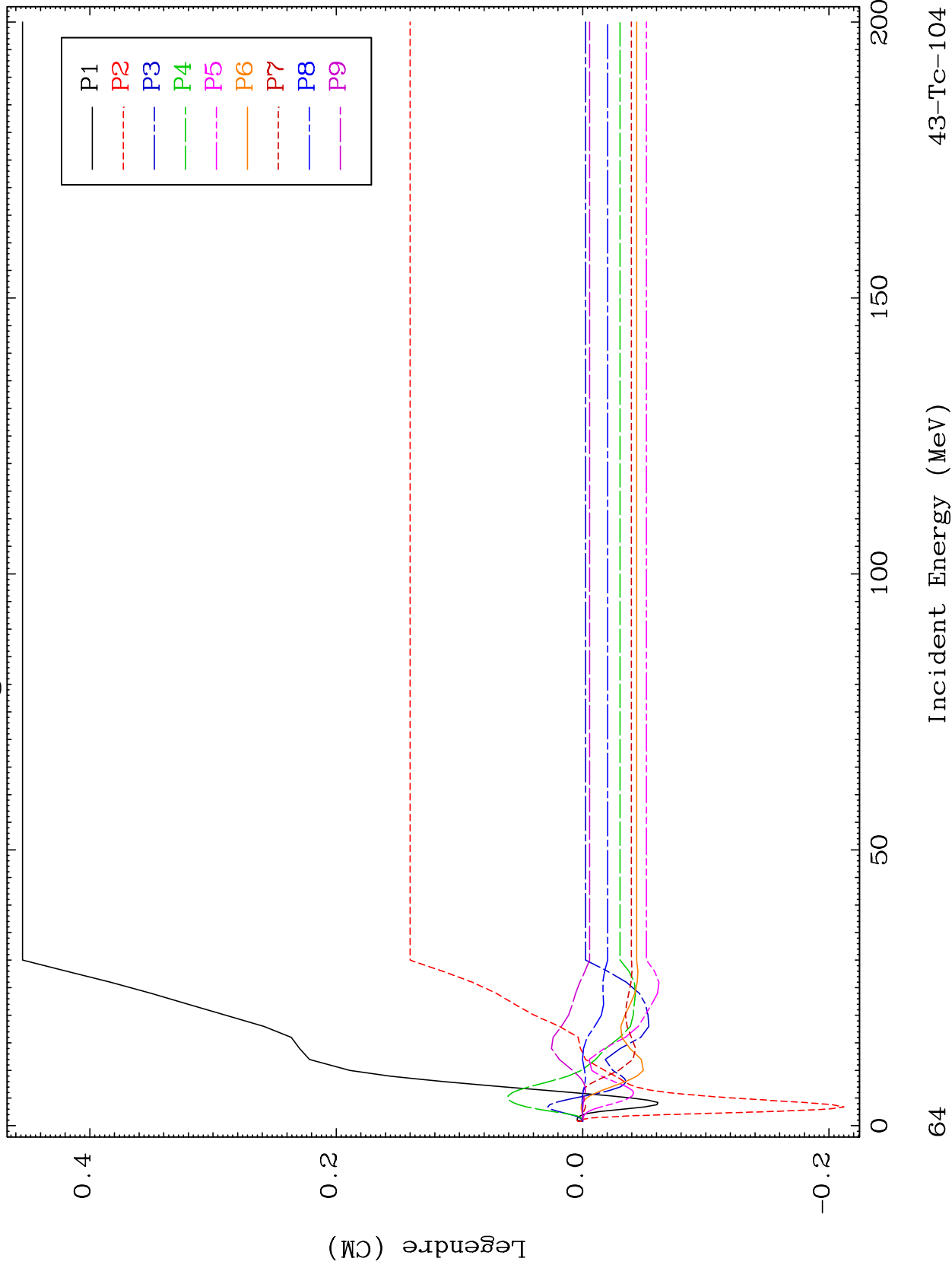


MAT 4340

MT= 65 (n,n') Level

43-Tc-104

Legendre Coefficients



43-Tc-104

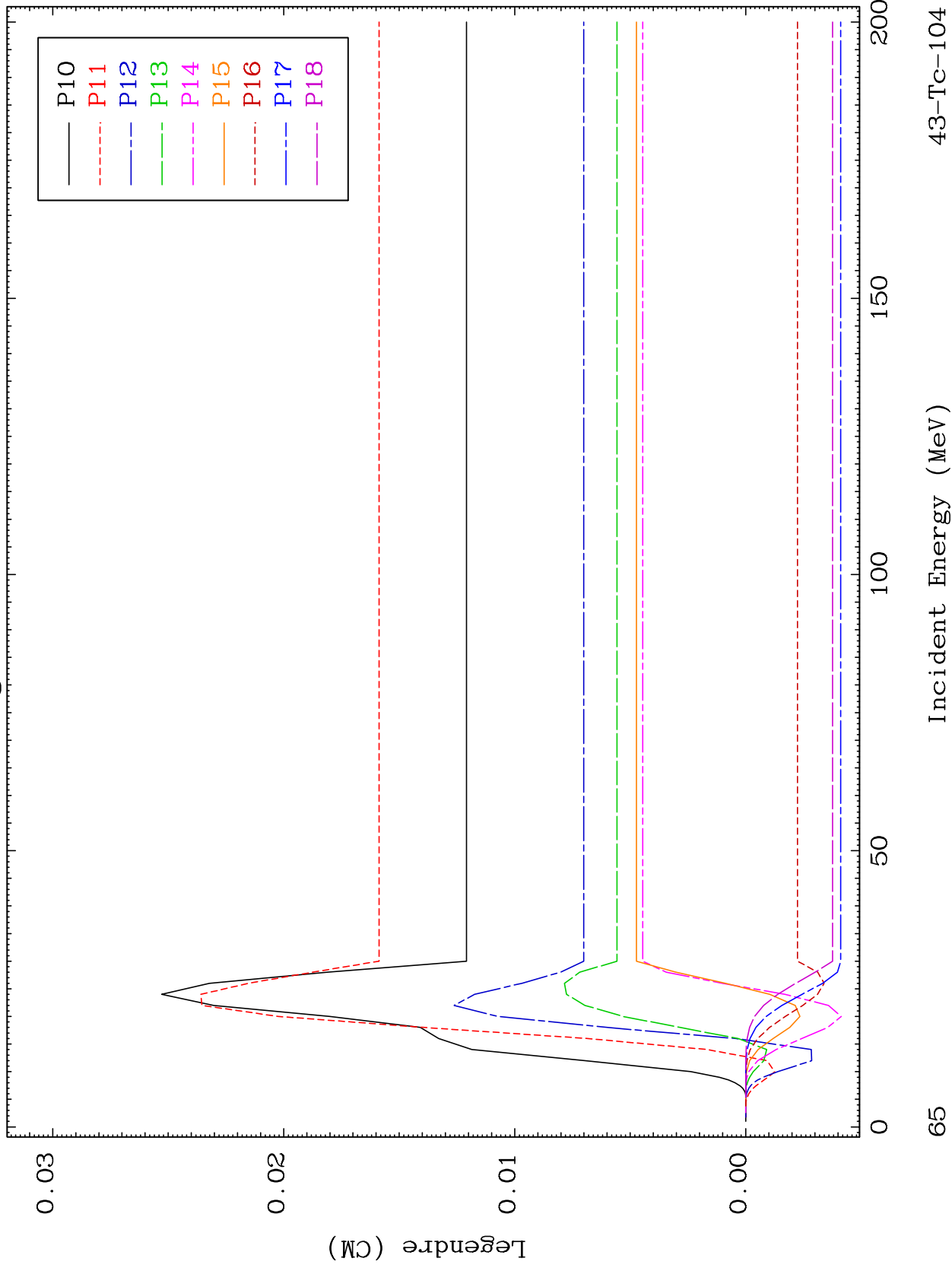
Incident Energy (MeV)

64

MAT 4340

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

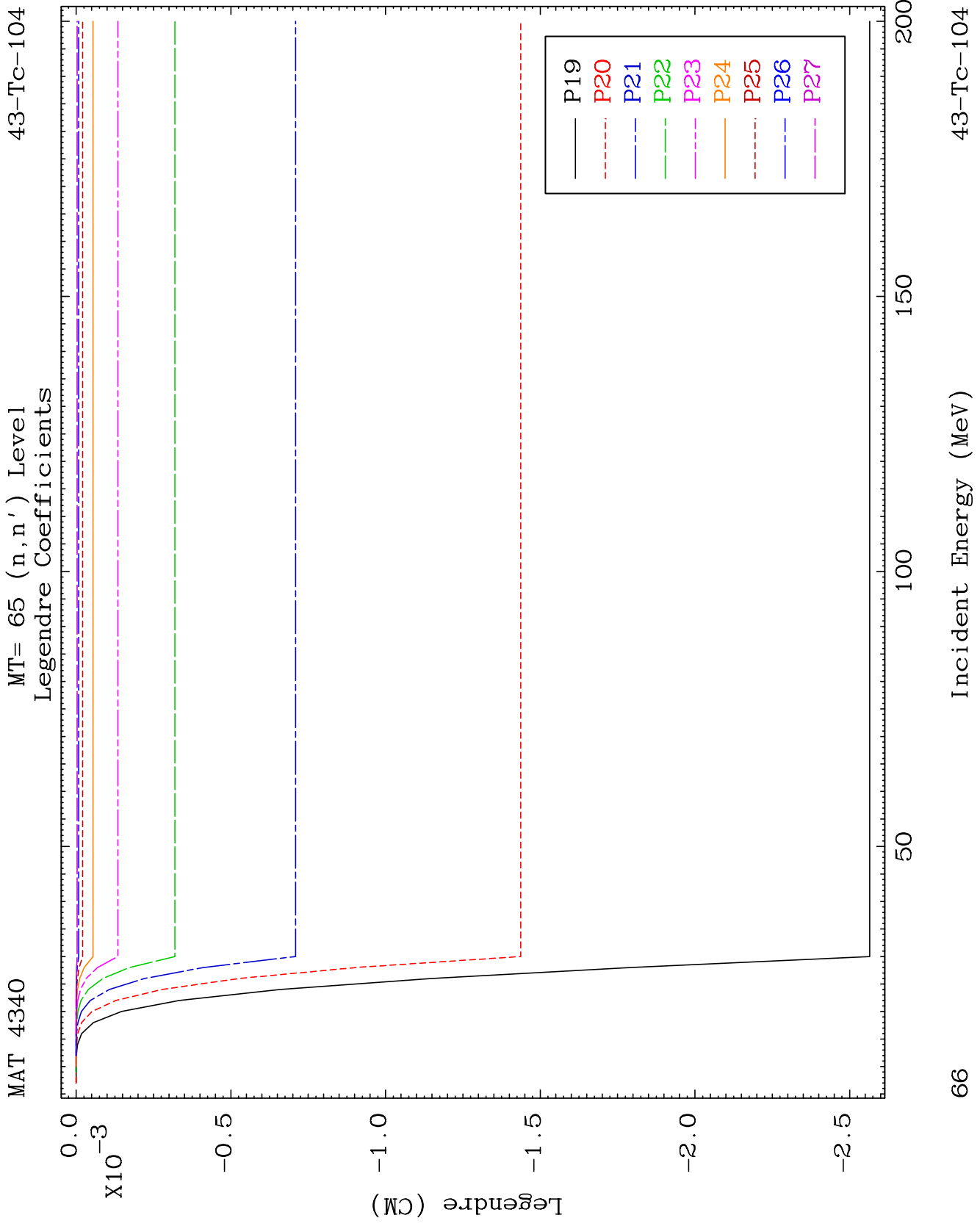
43-Tc-104

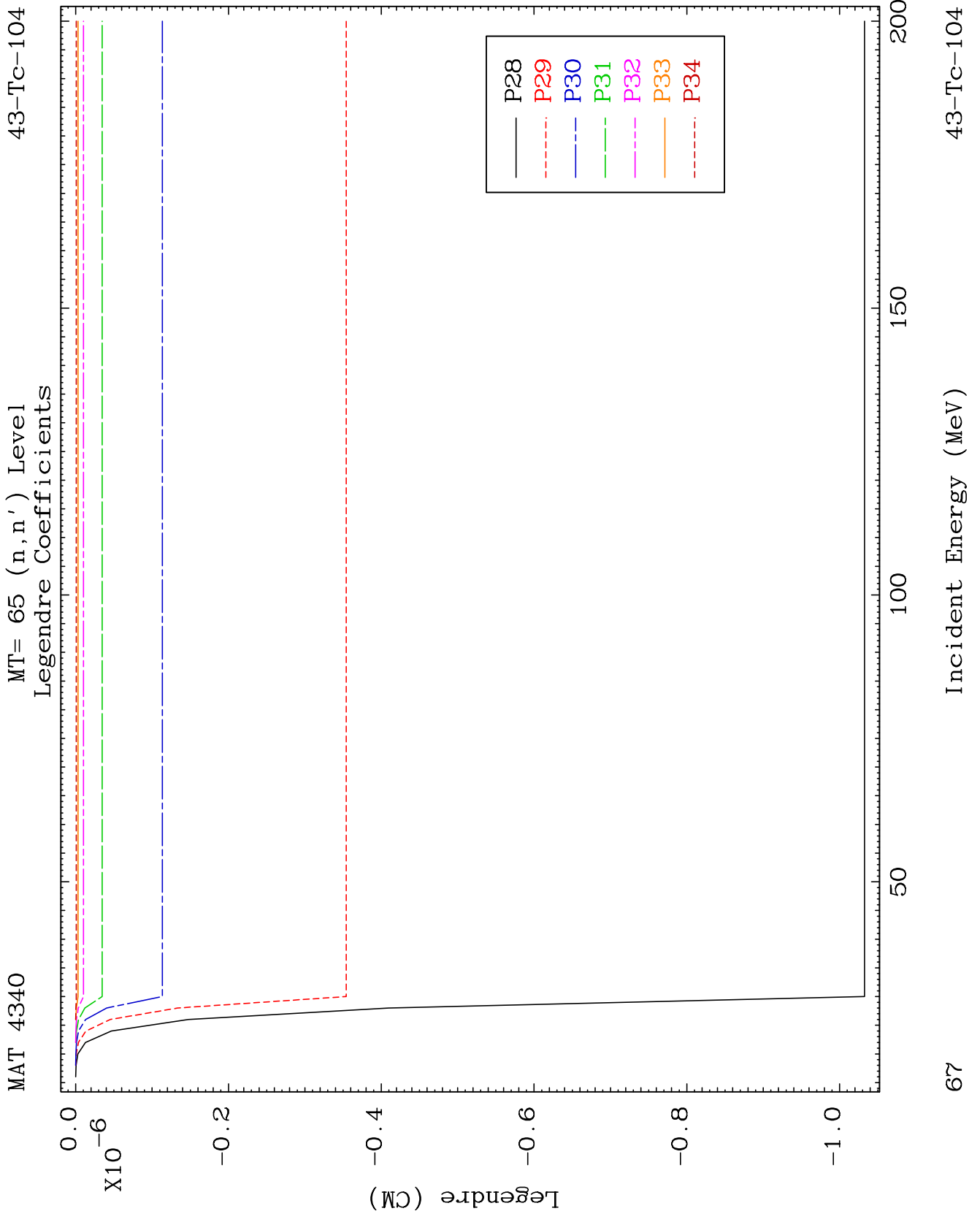


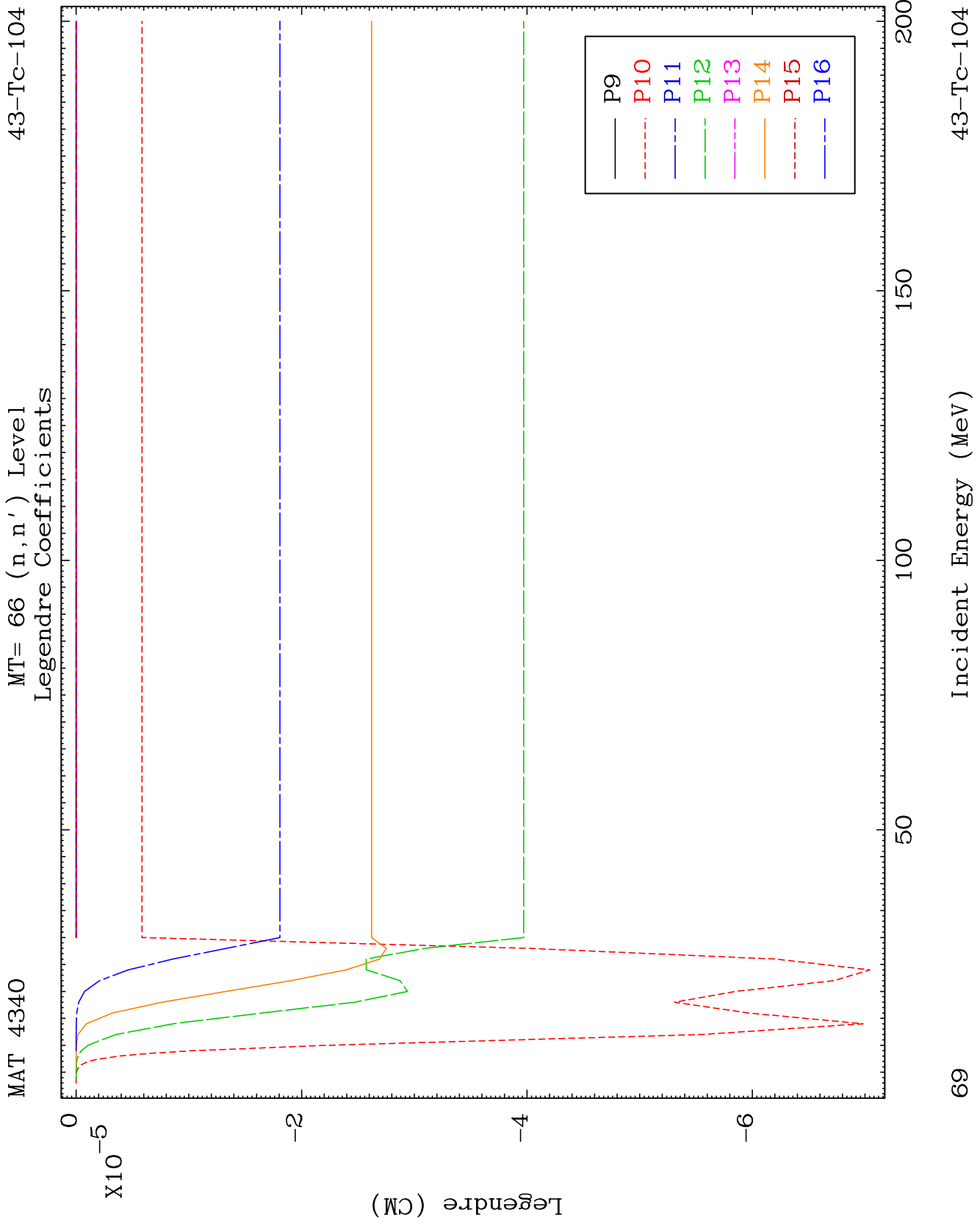
43-Tc-104

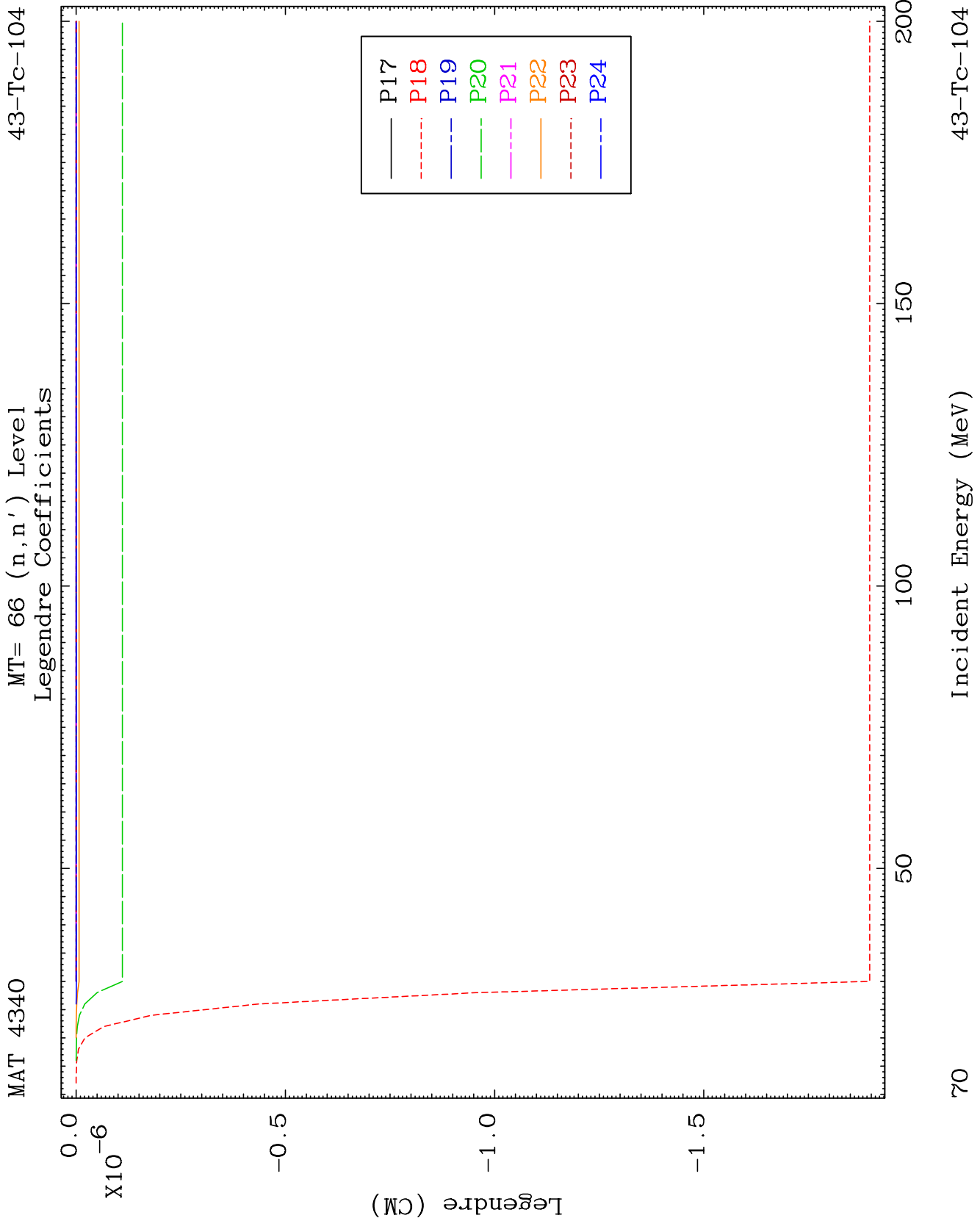
Incident Energy (MeV)

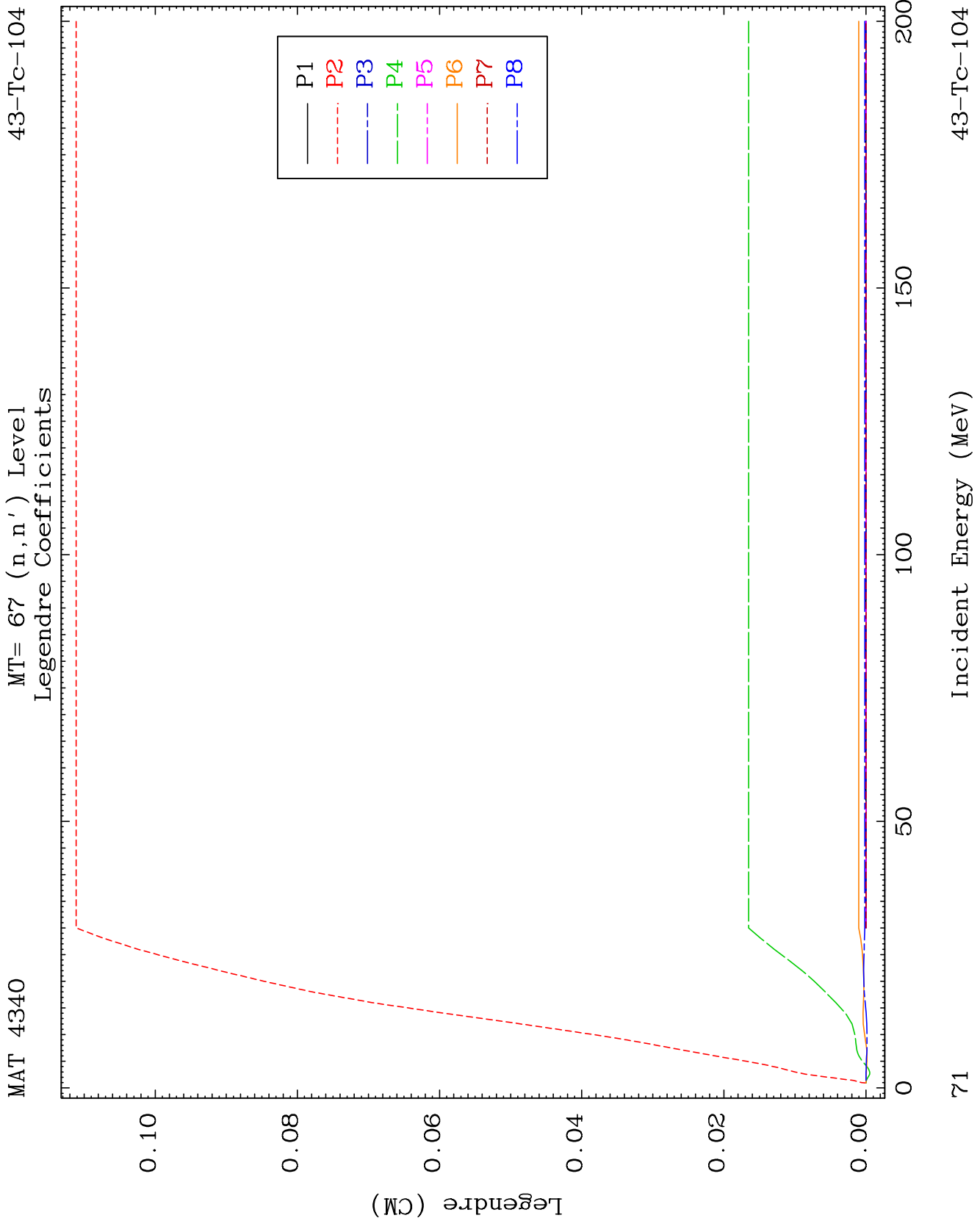
65

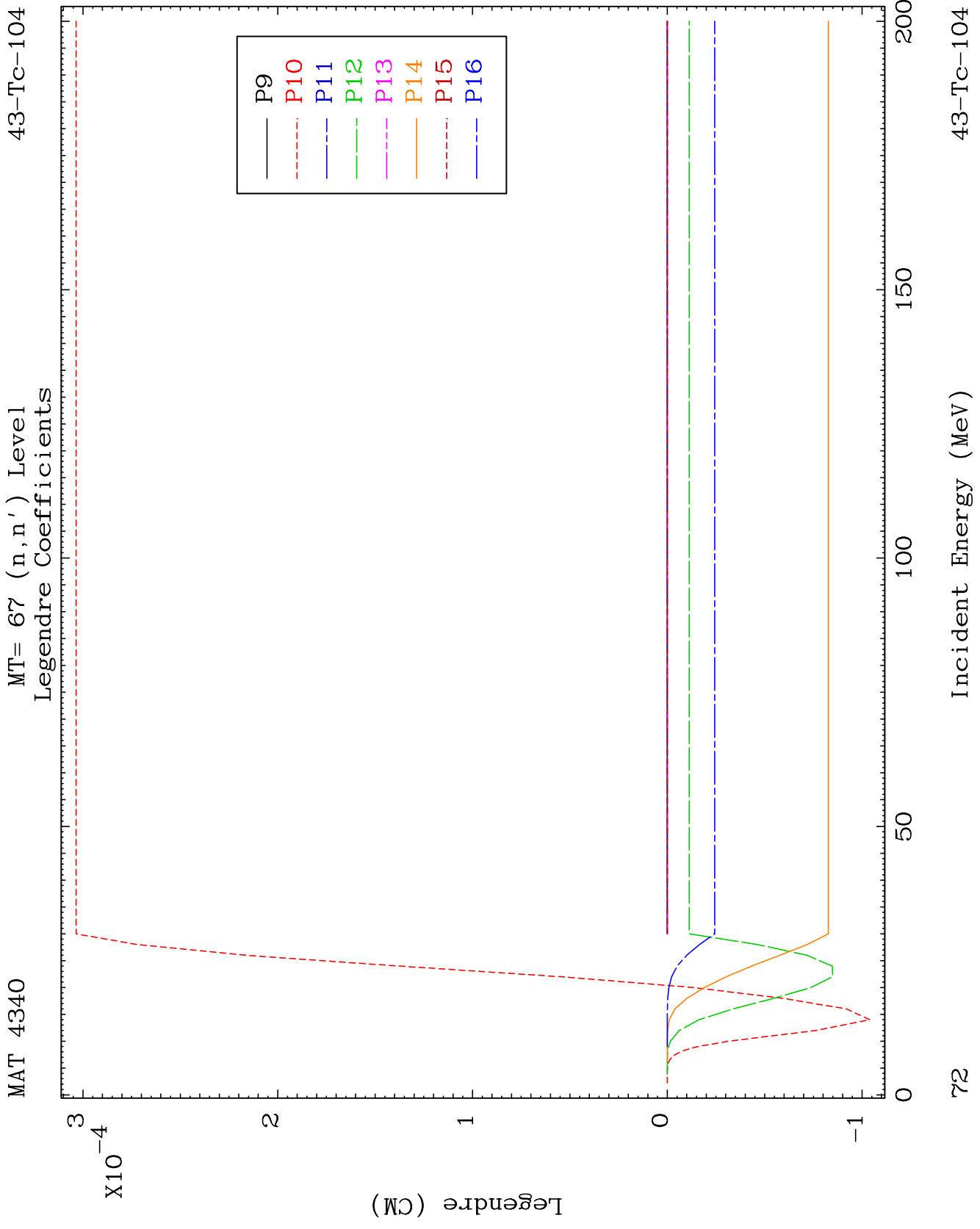








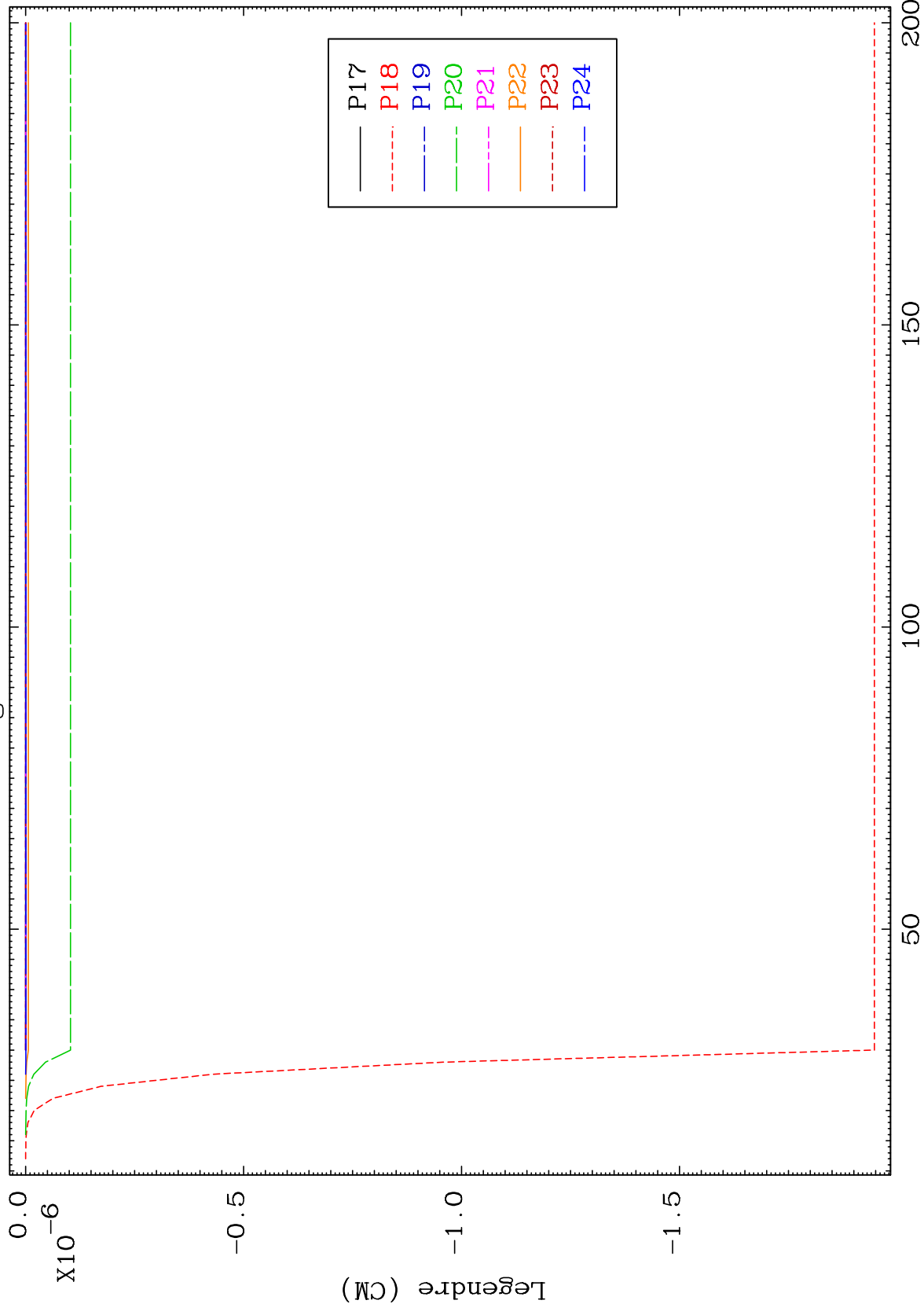




MAT 4340

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

43-Tc-104



73

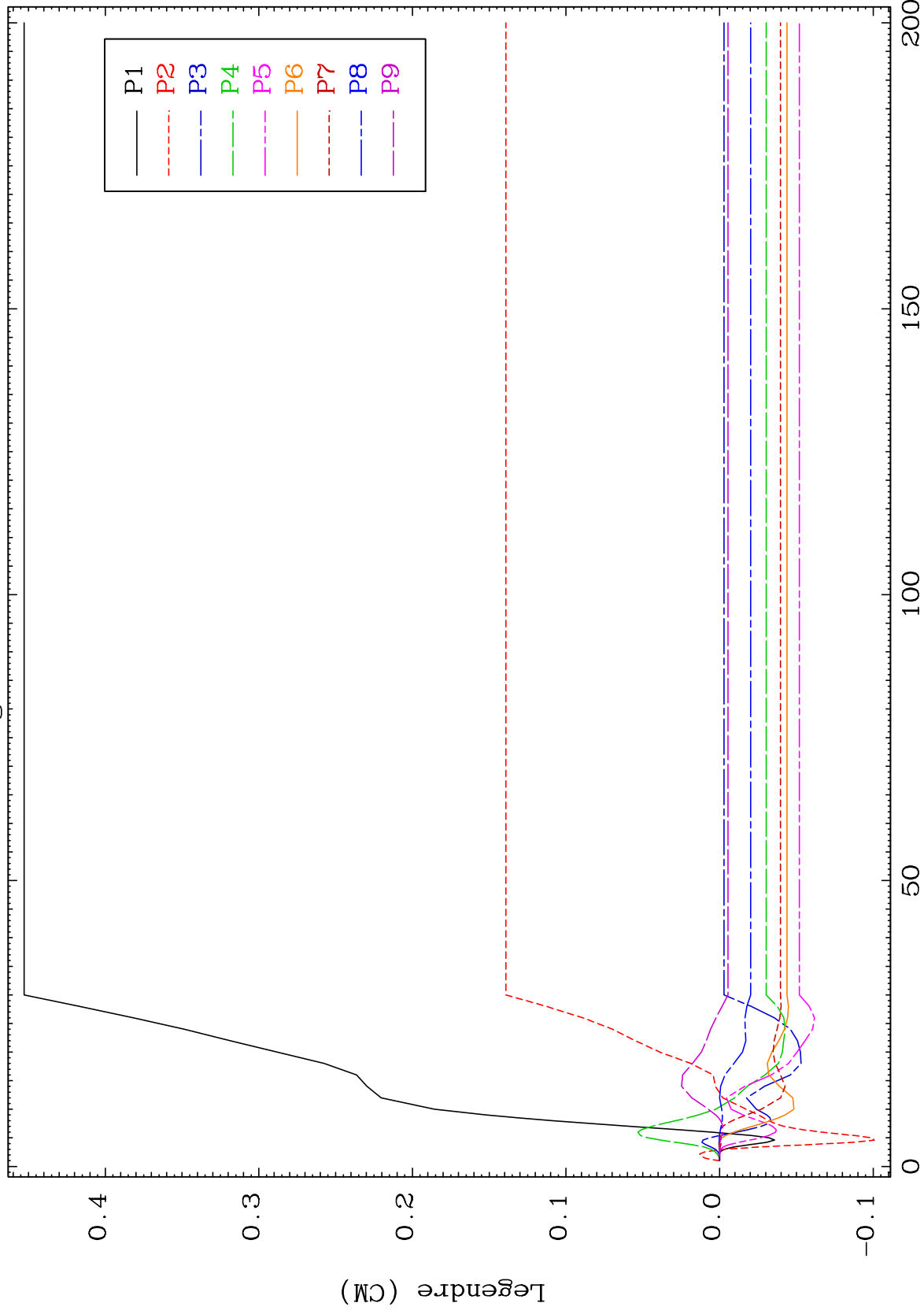
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

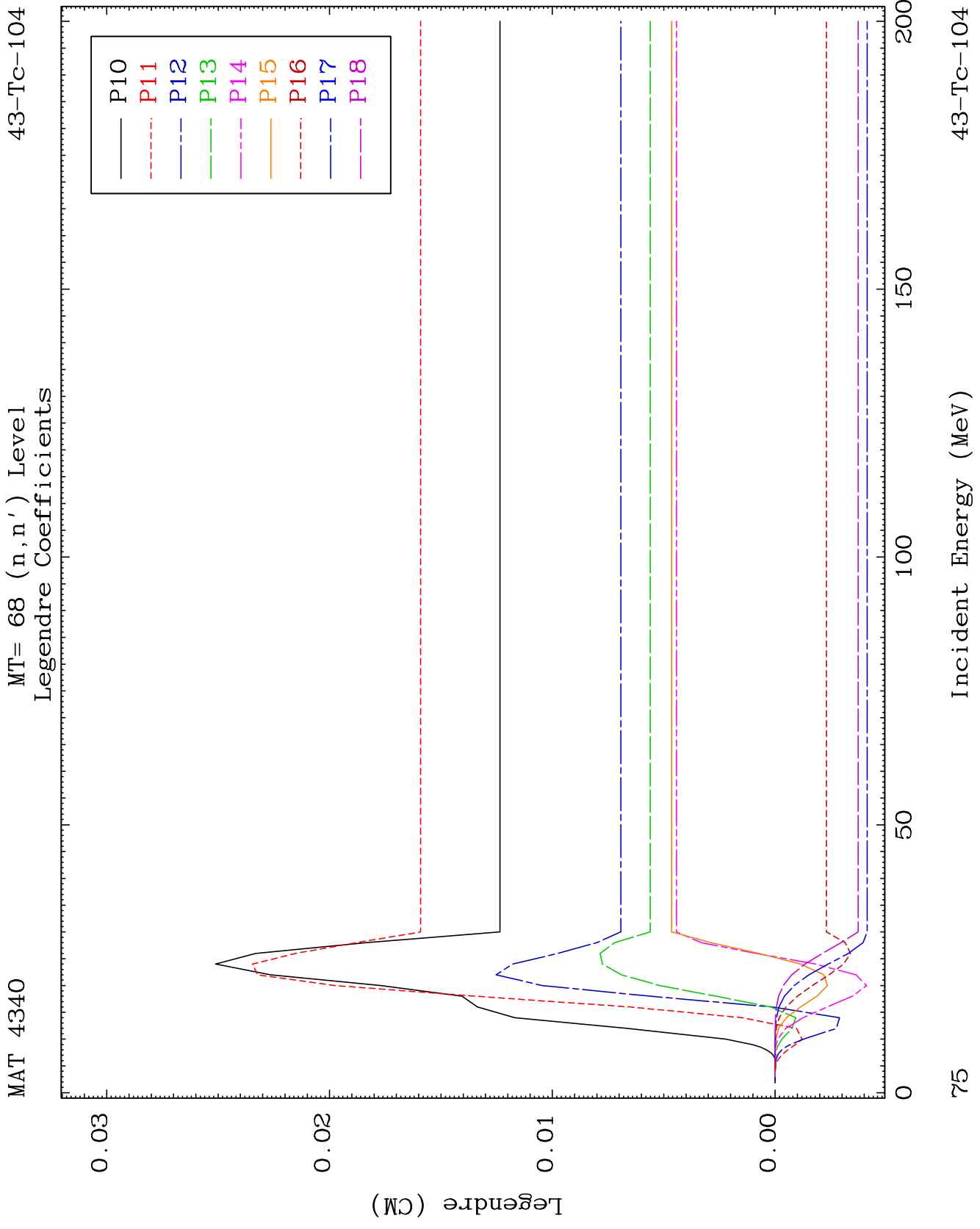
43-Tc-104

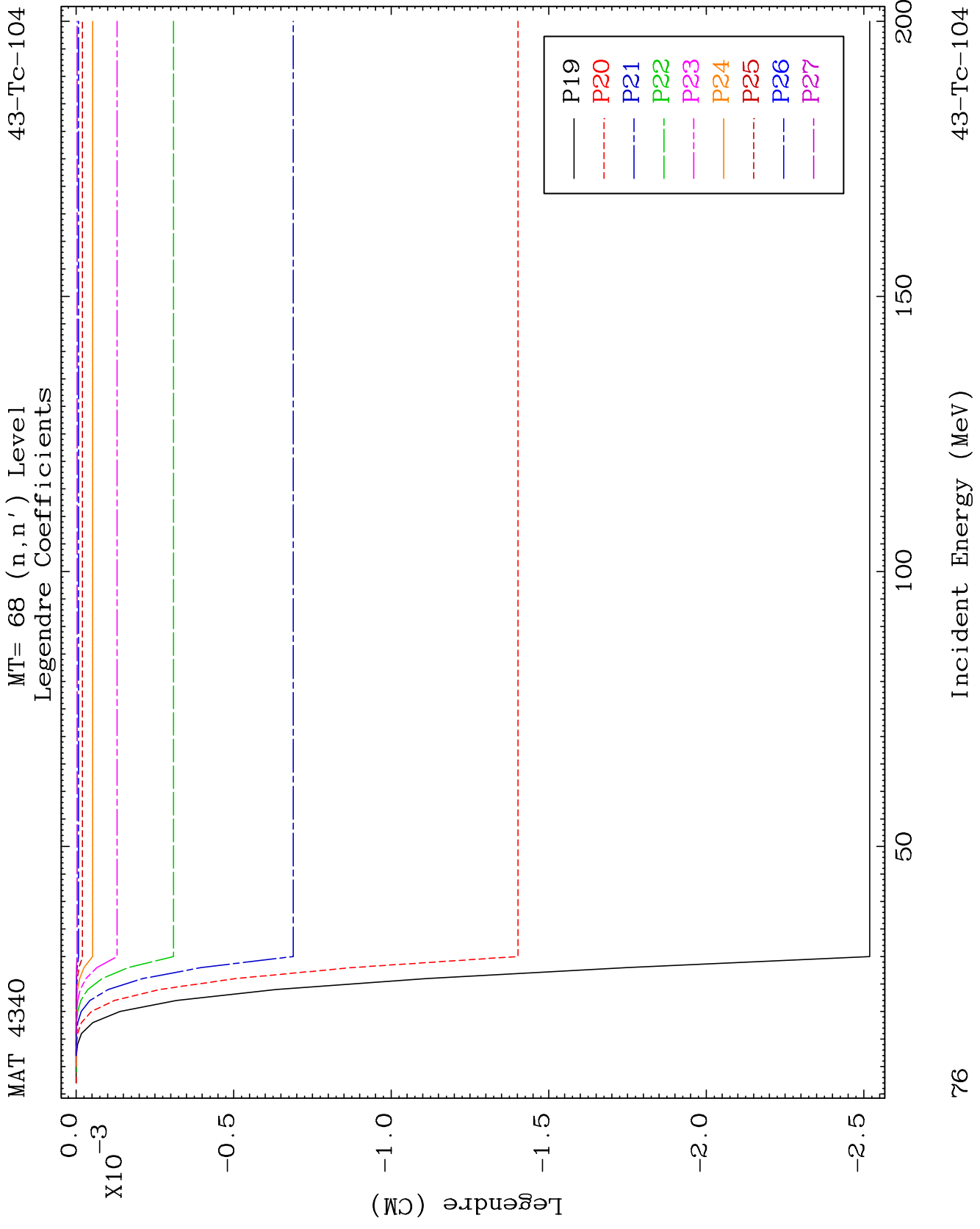


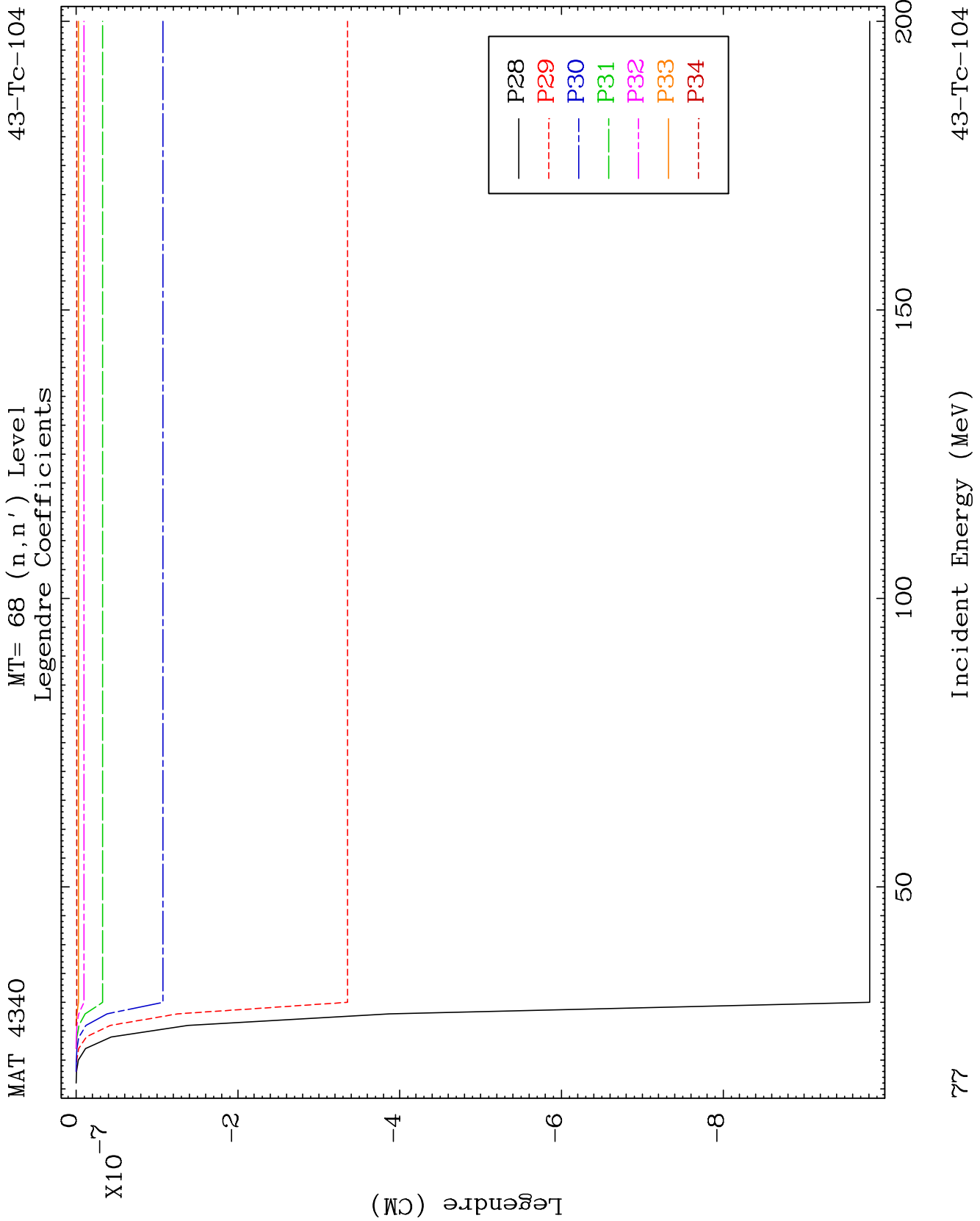
74

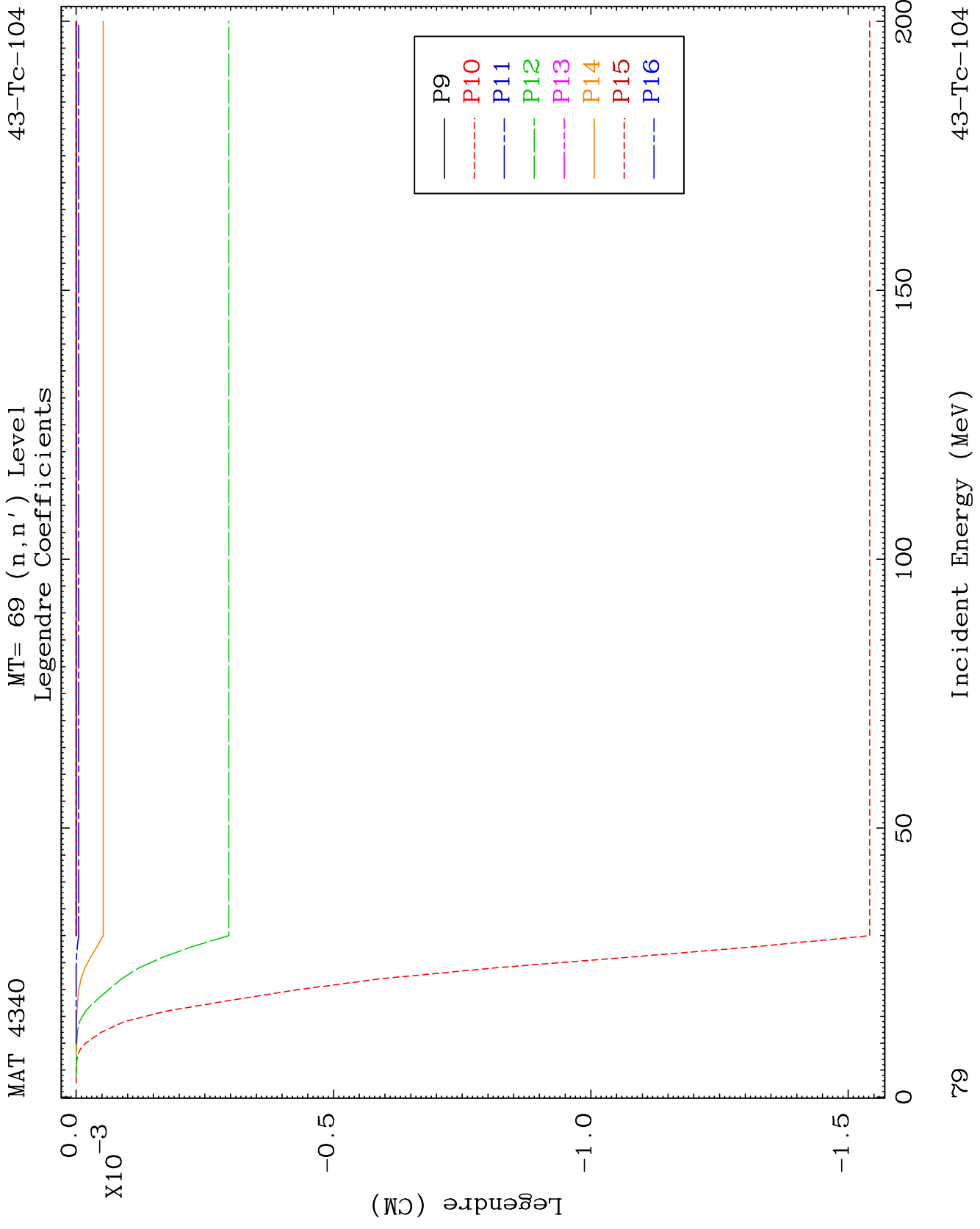
Incident Energy (MeV)

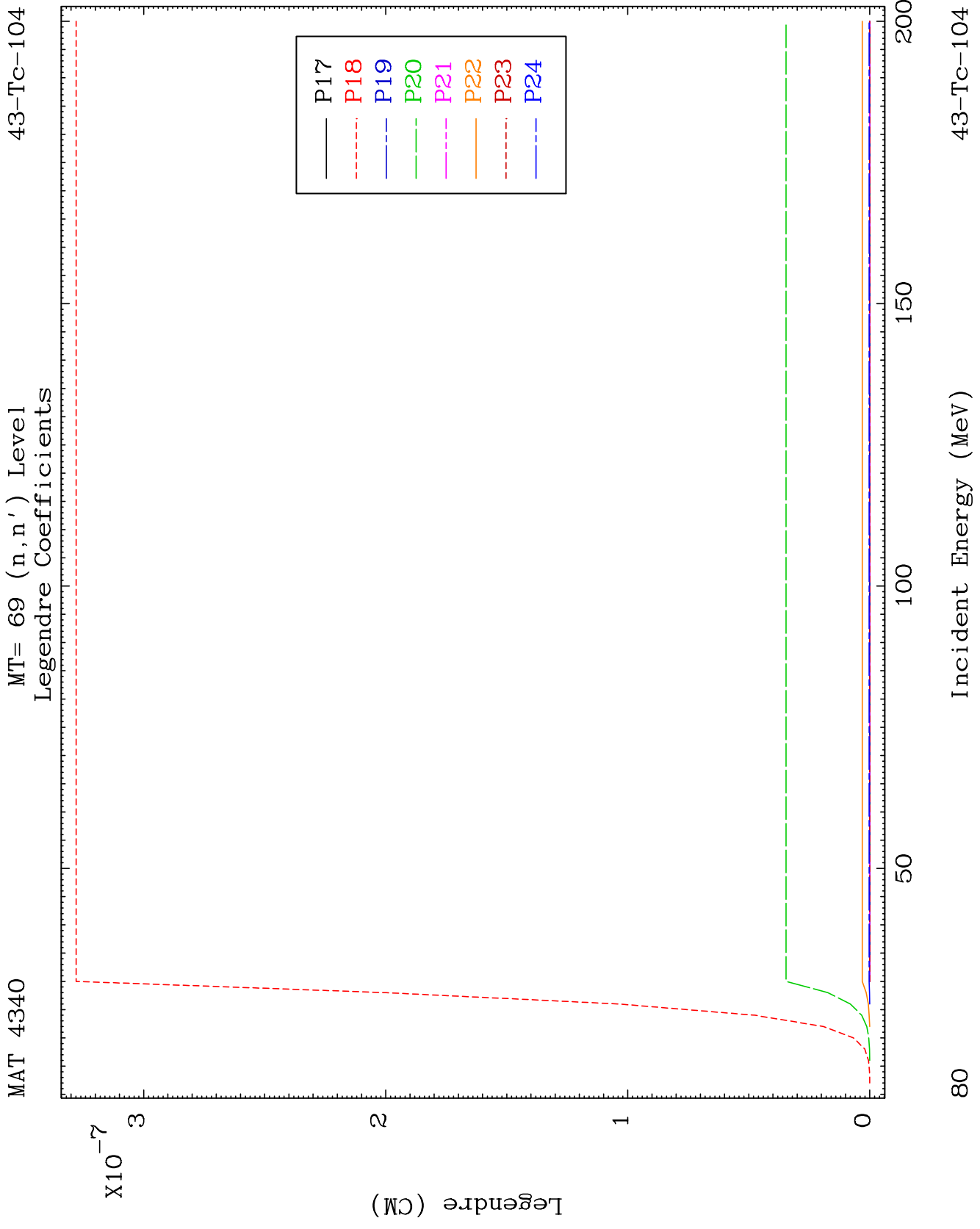
43-Tc-104







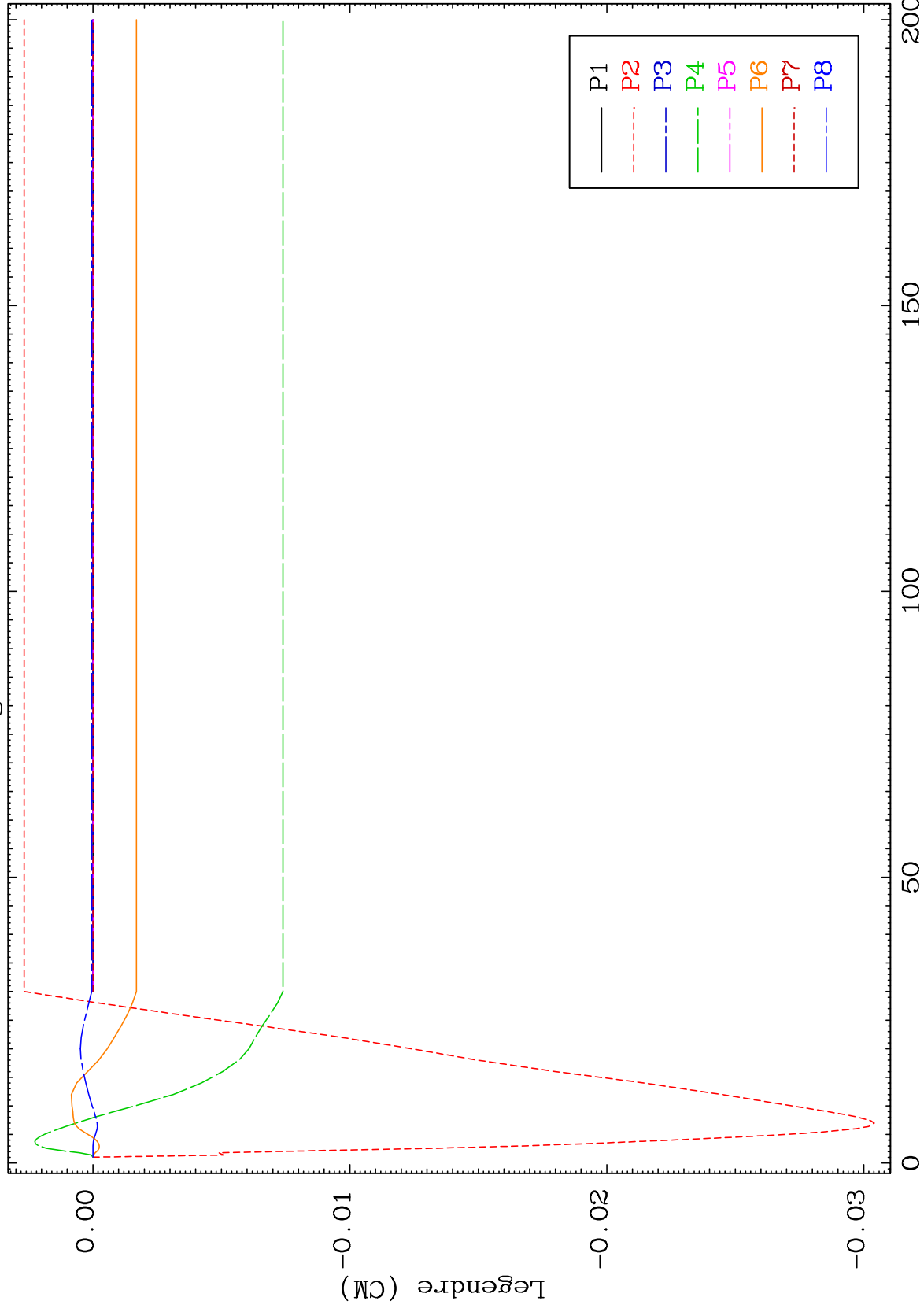




MAT 4340

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

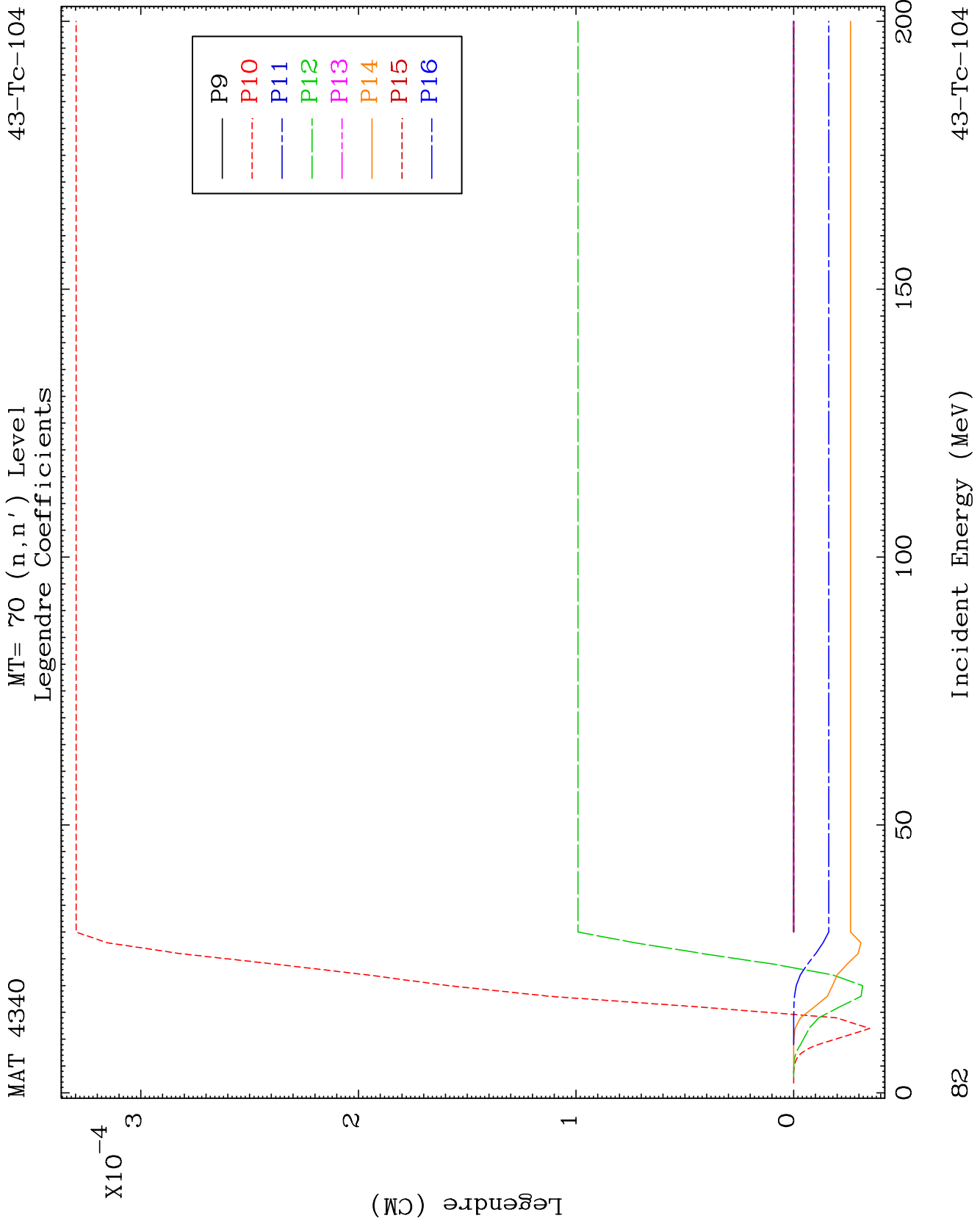
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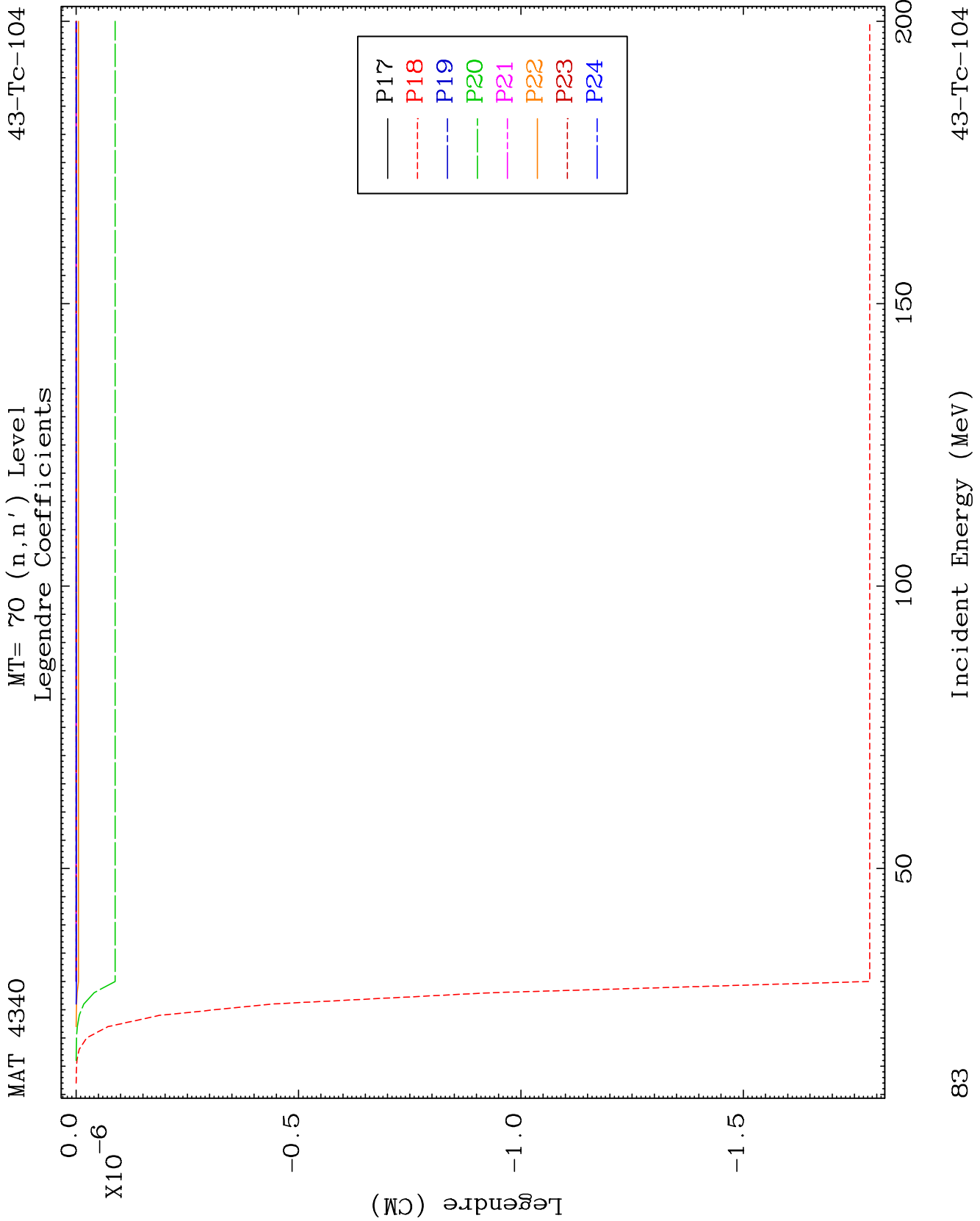


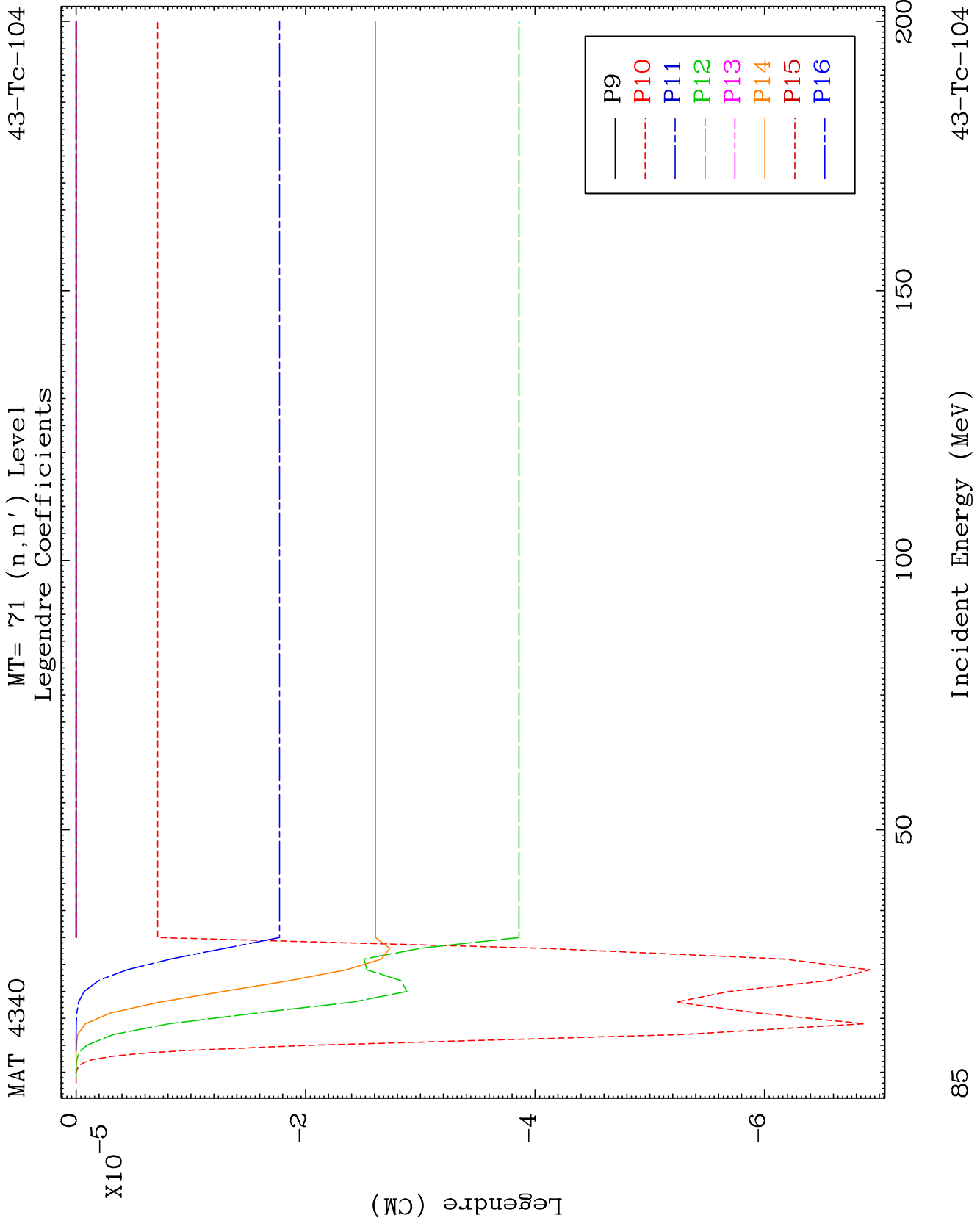
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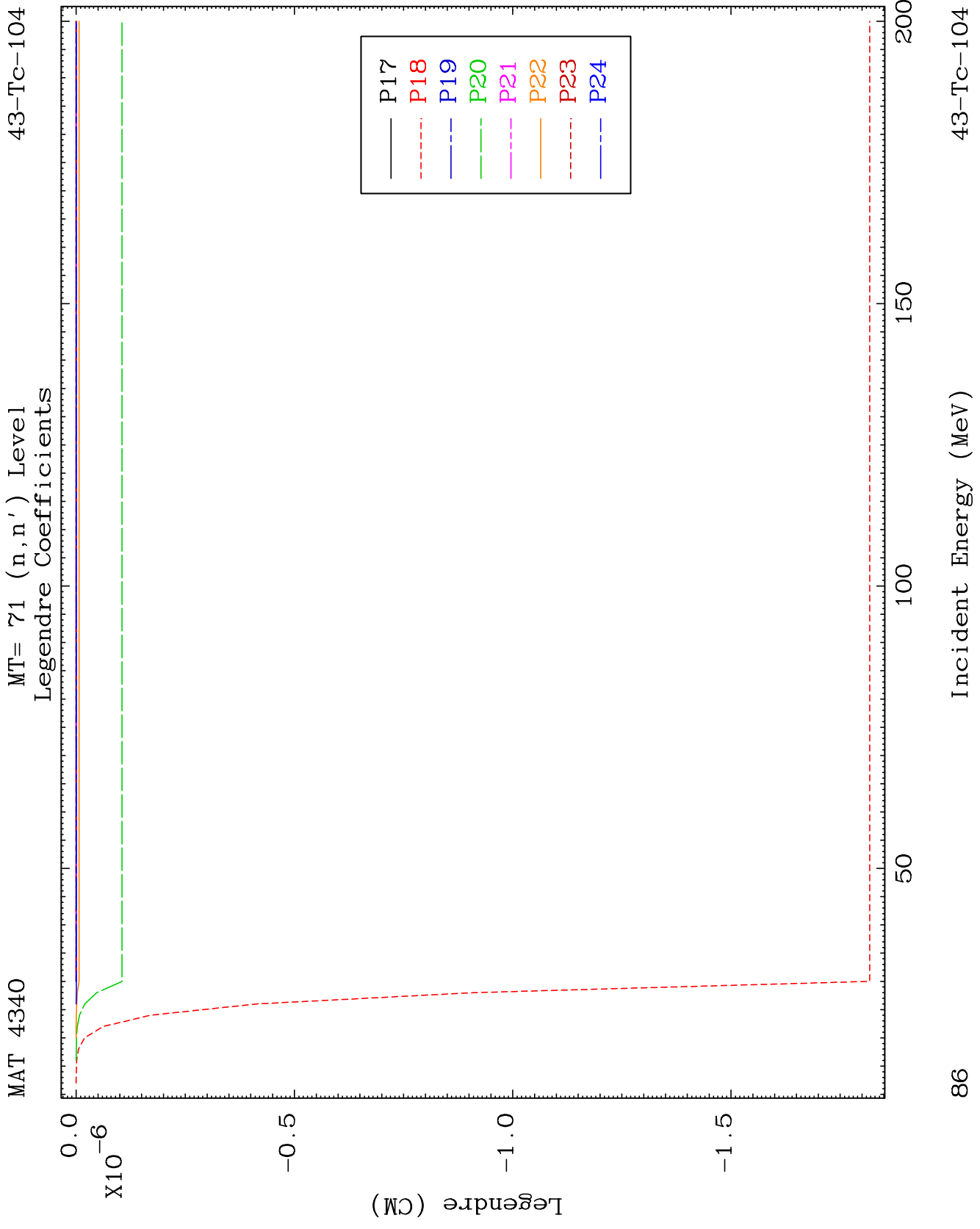
Incident Energy (MeV)

43-Tc-104





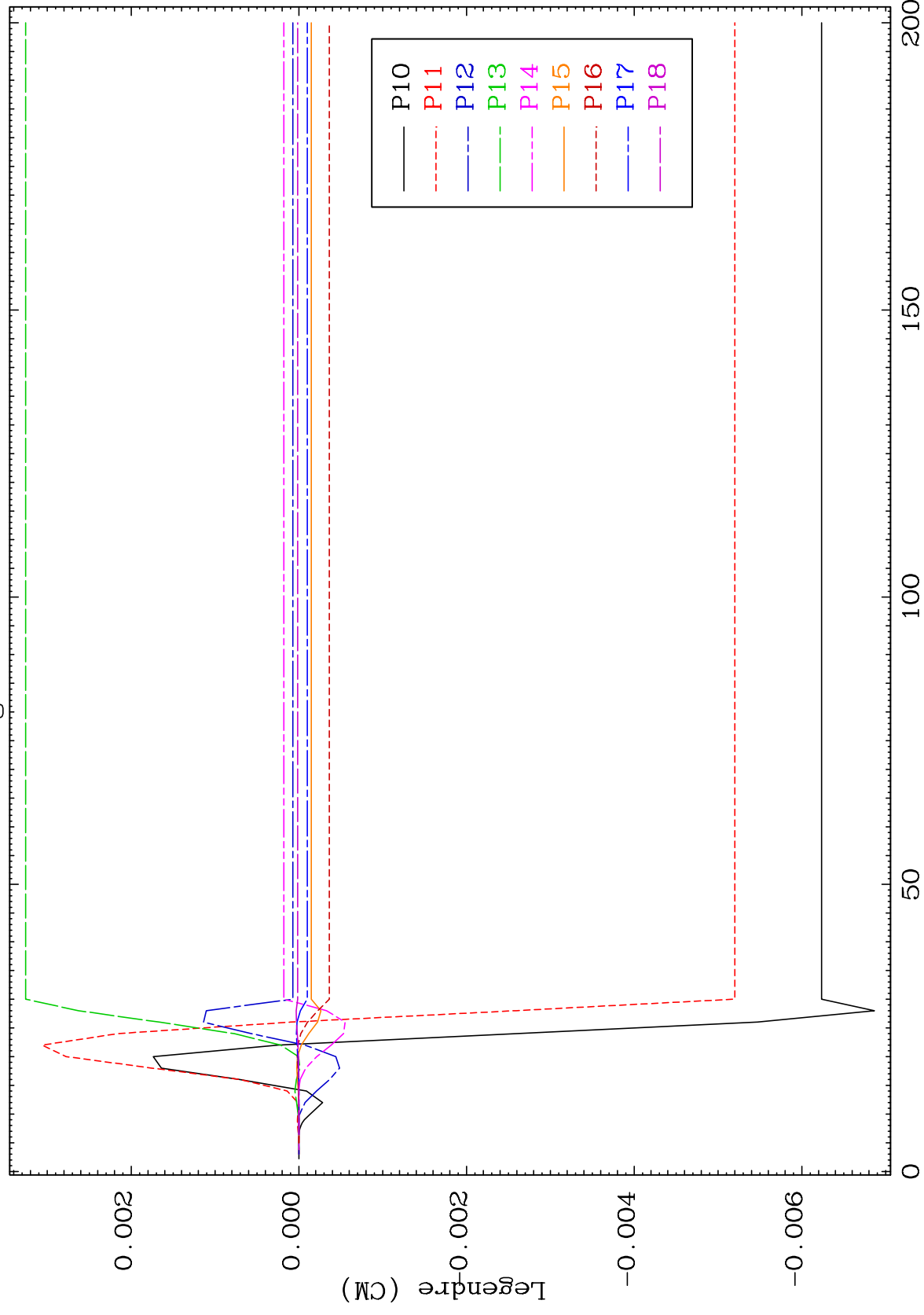




MAT 4340

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

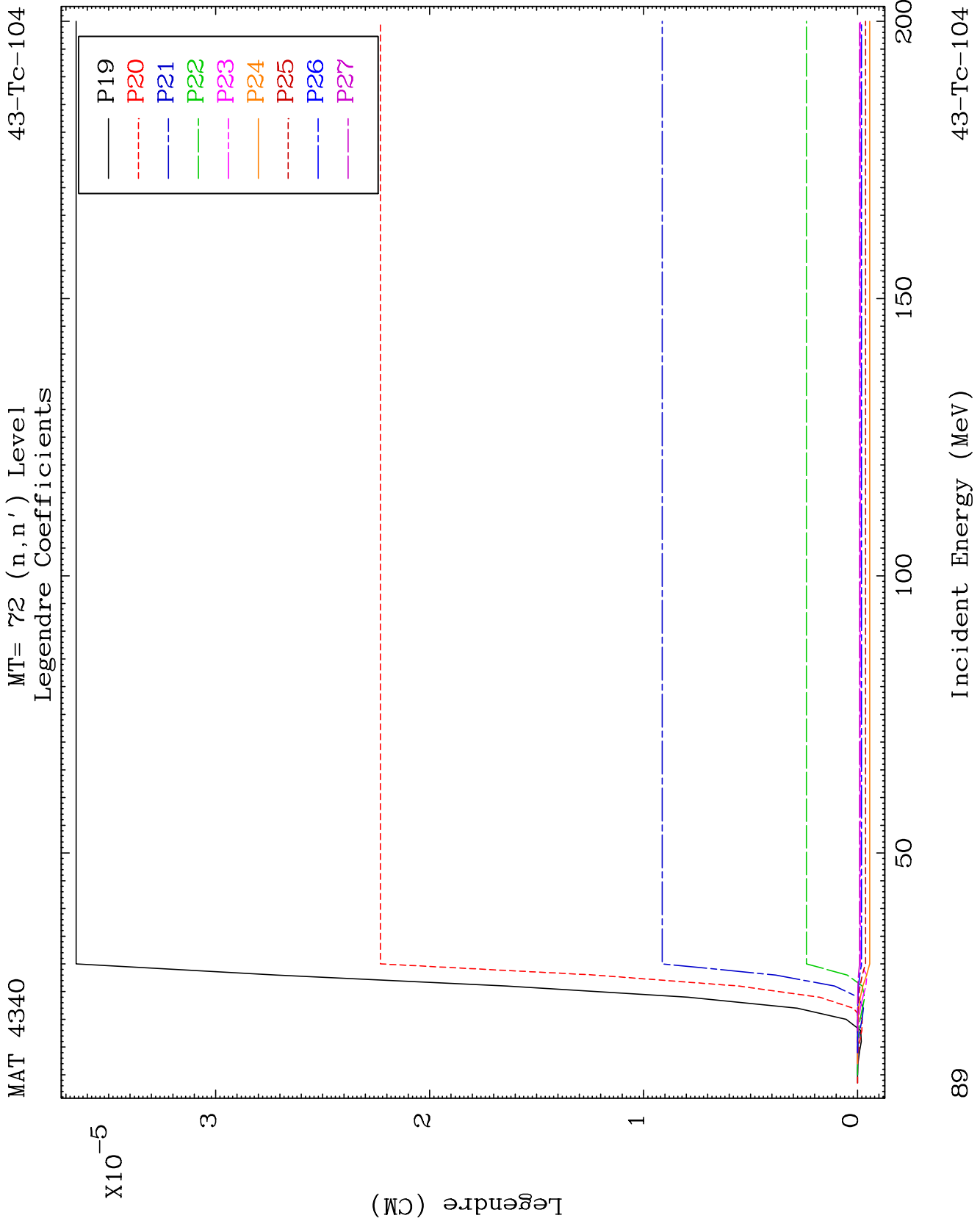
43-Tc-104

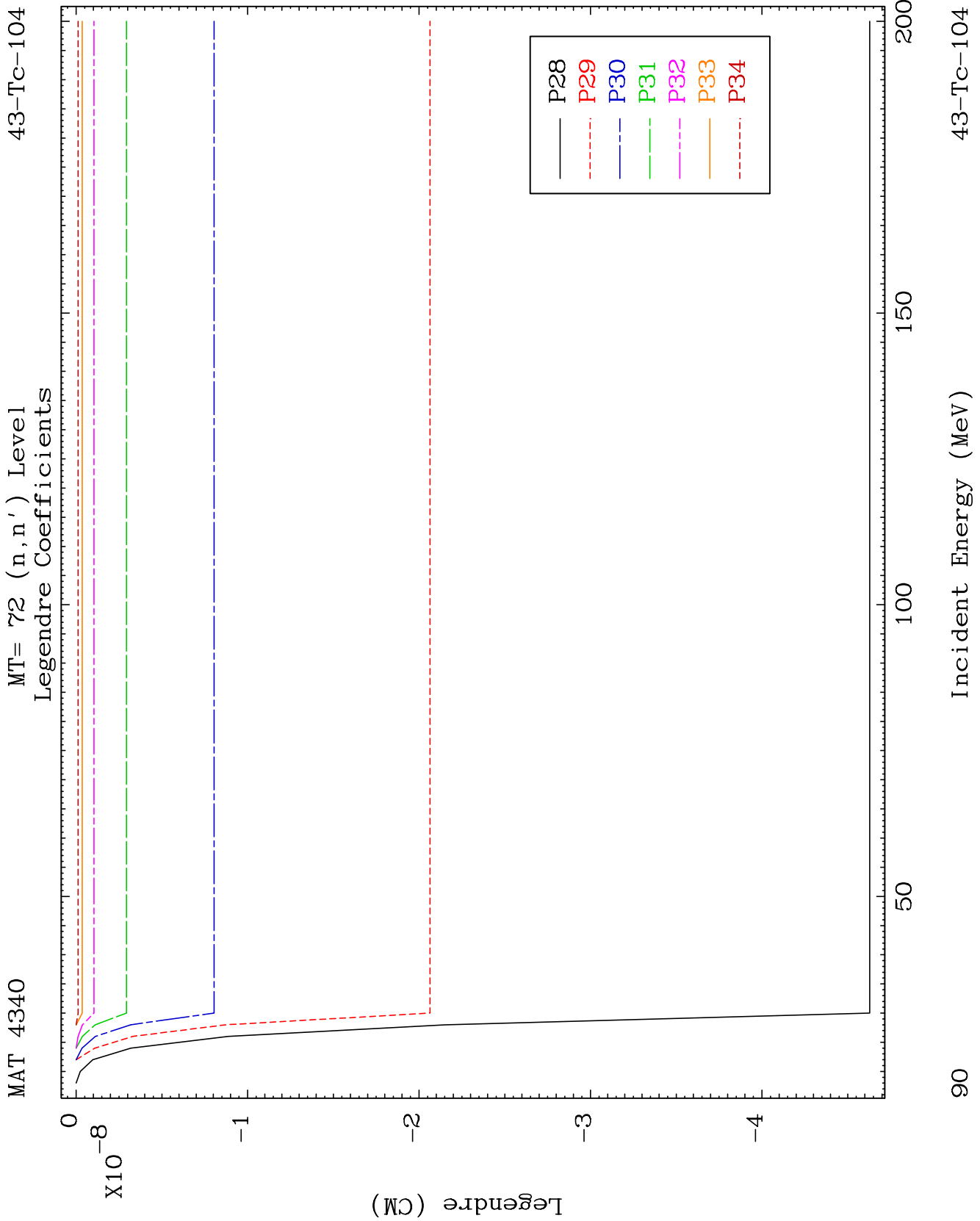


88

Incident Energy (MeV)

43-Tc-104

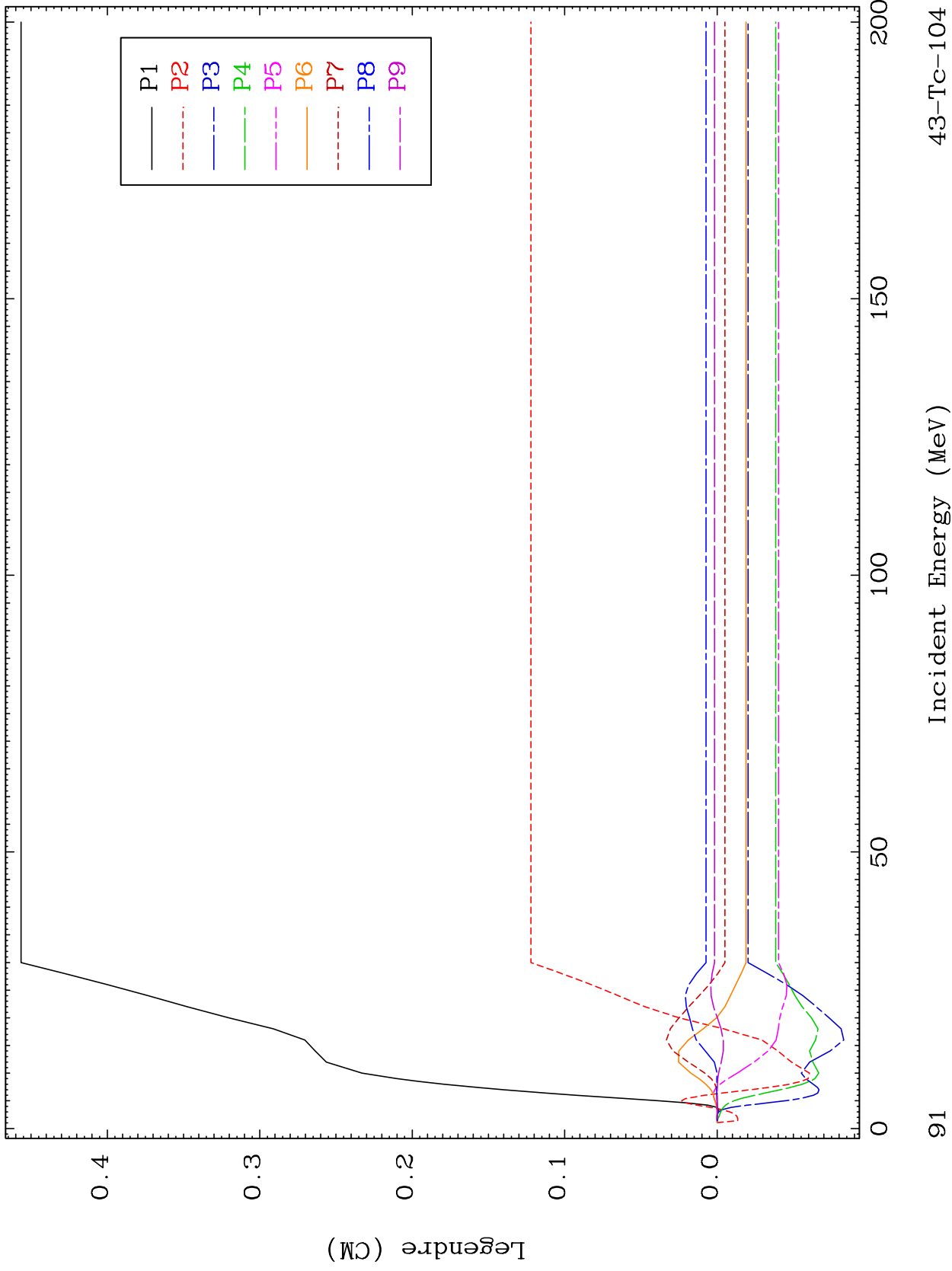




MAT 4340

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

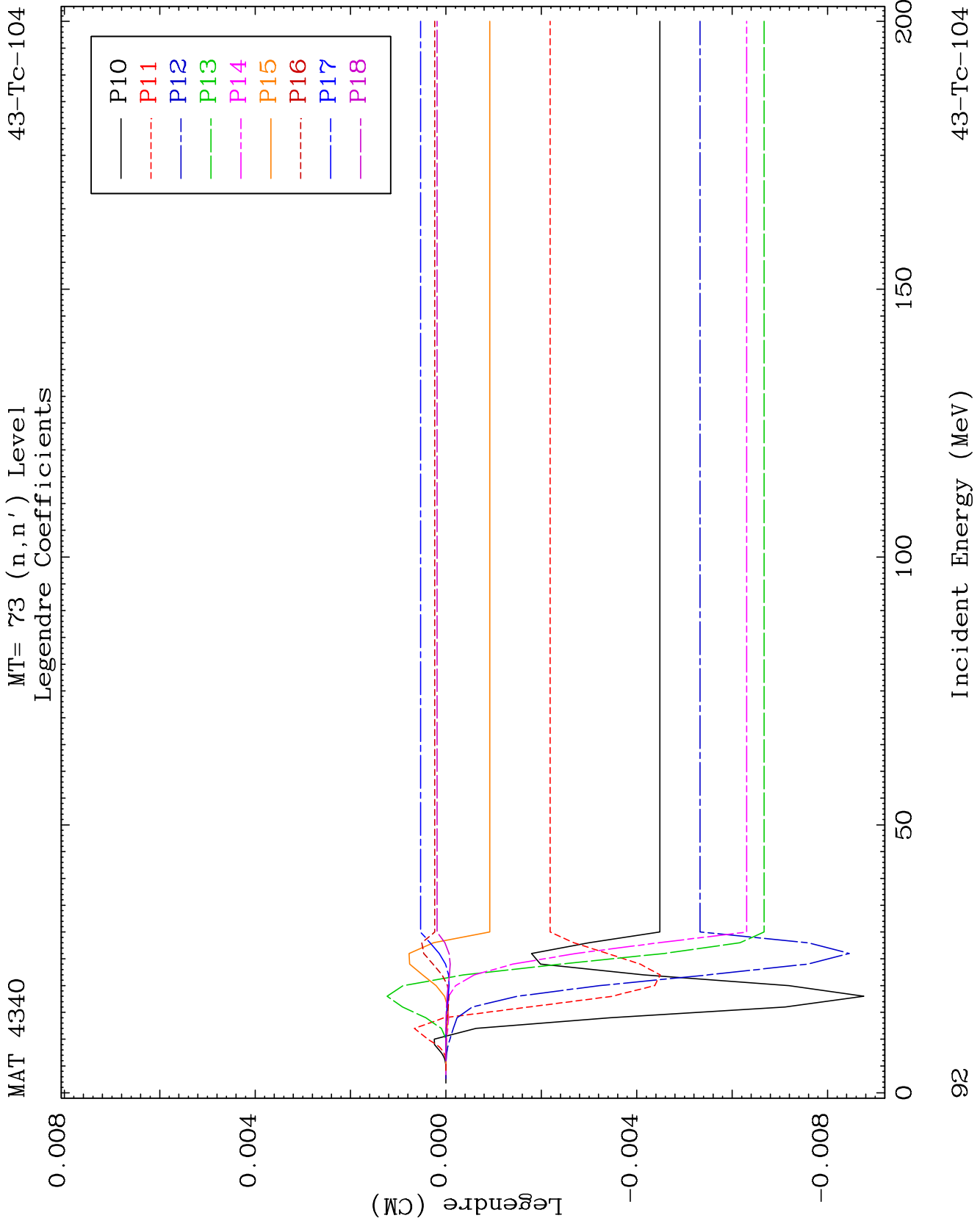
43-Tc-104

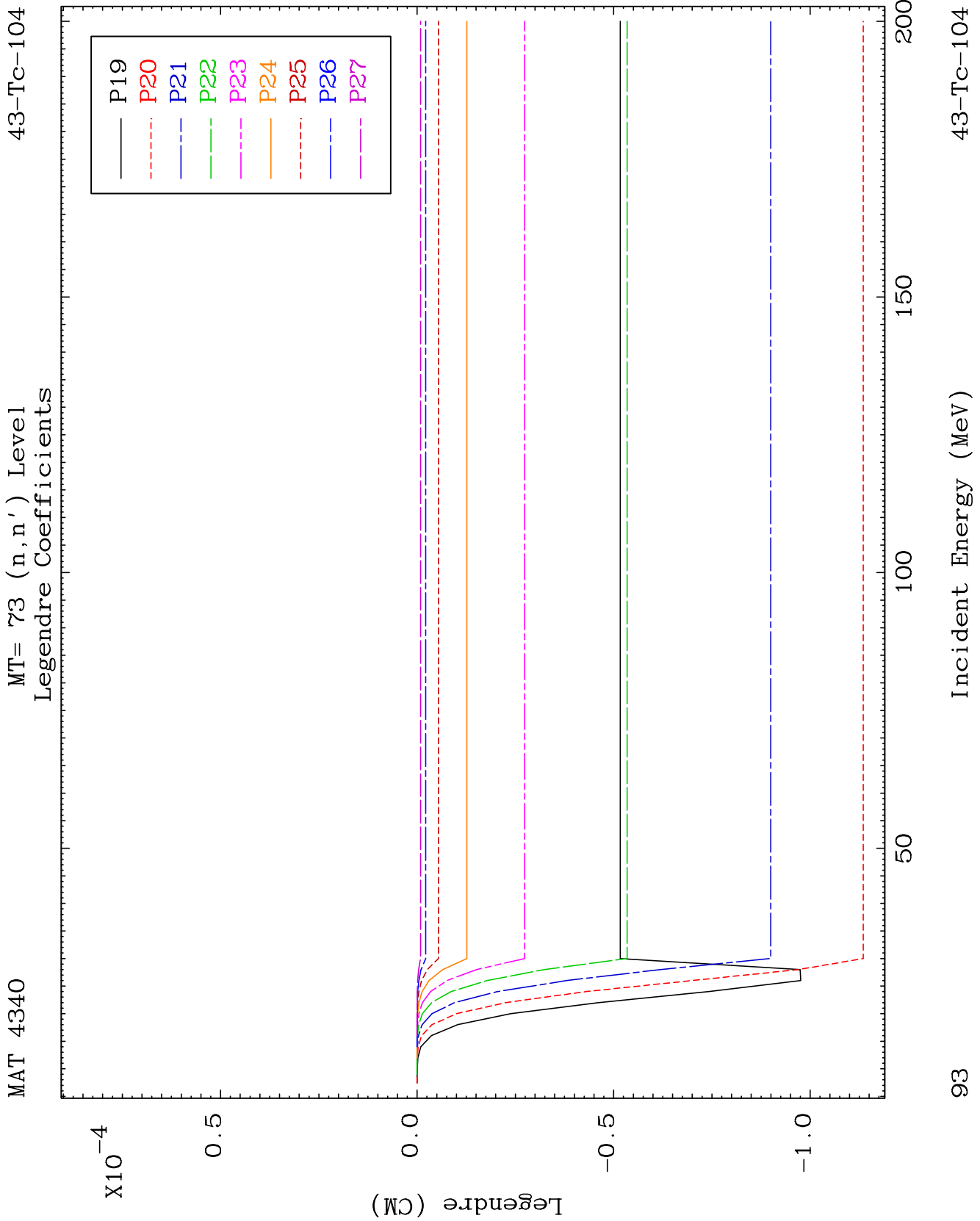


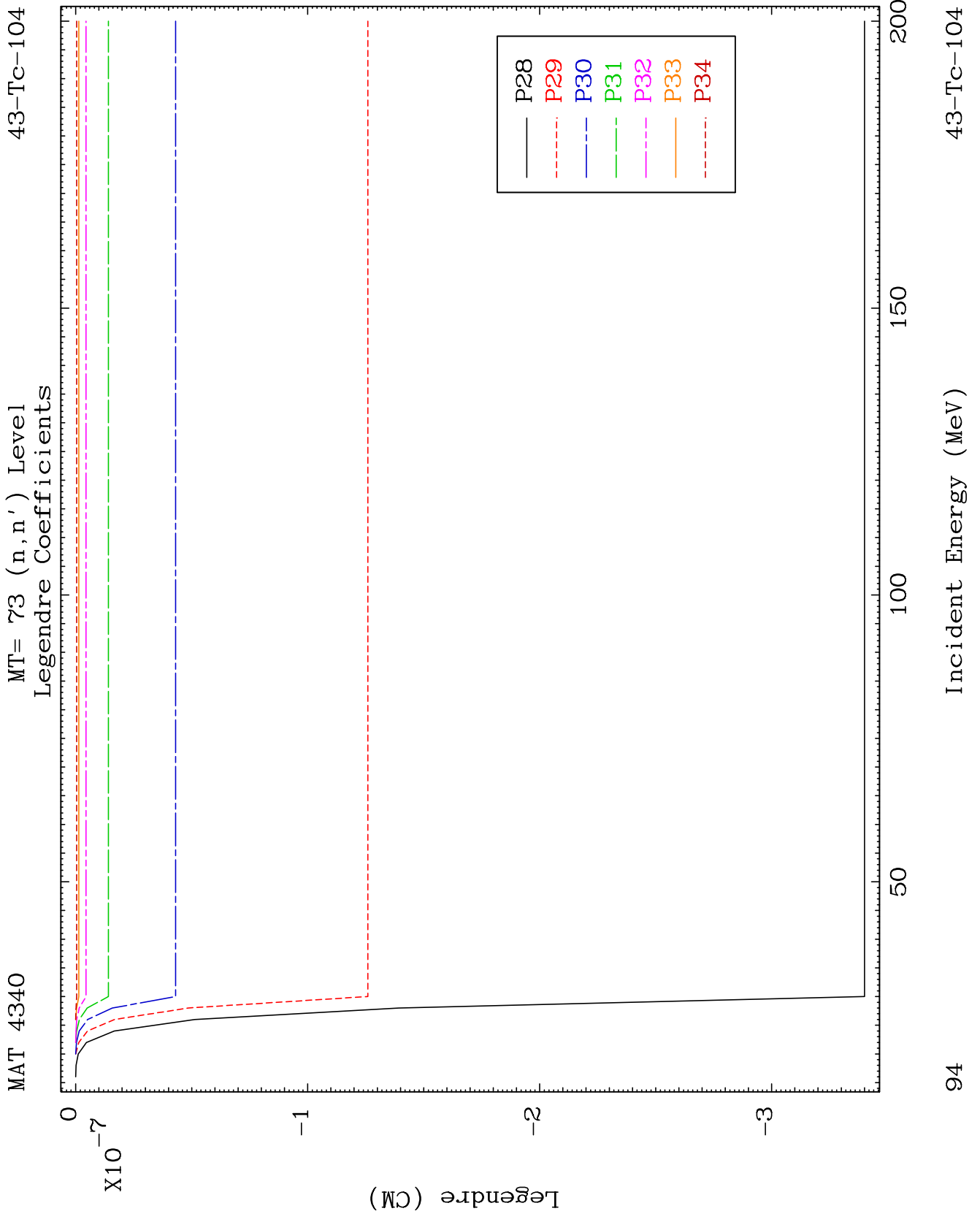
91

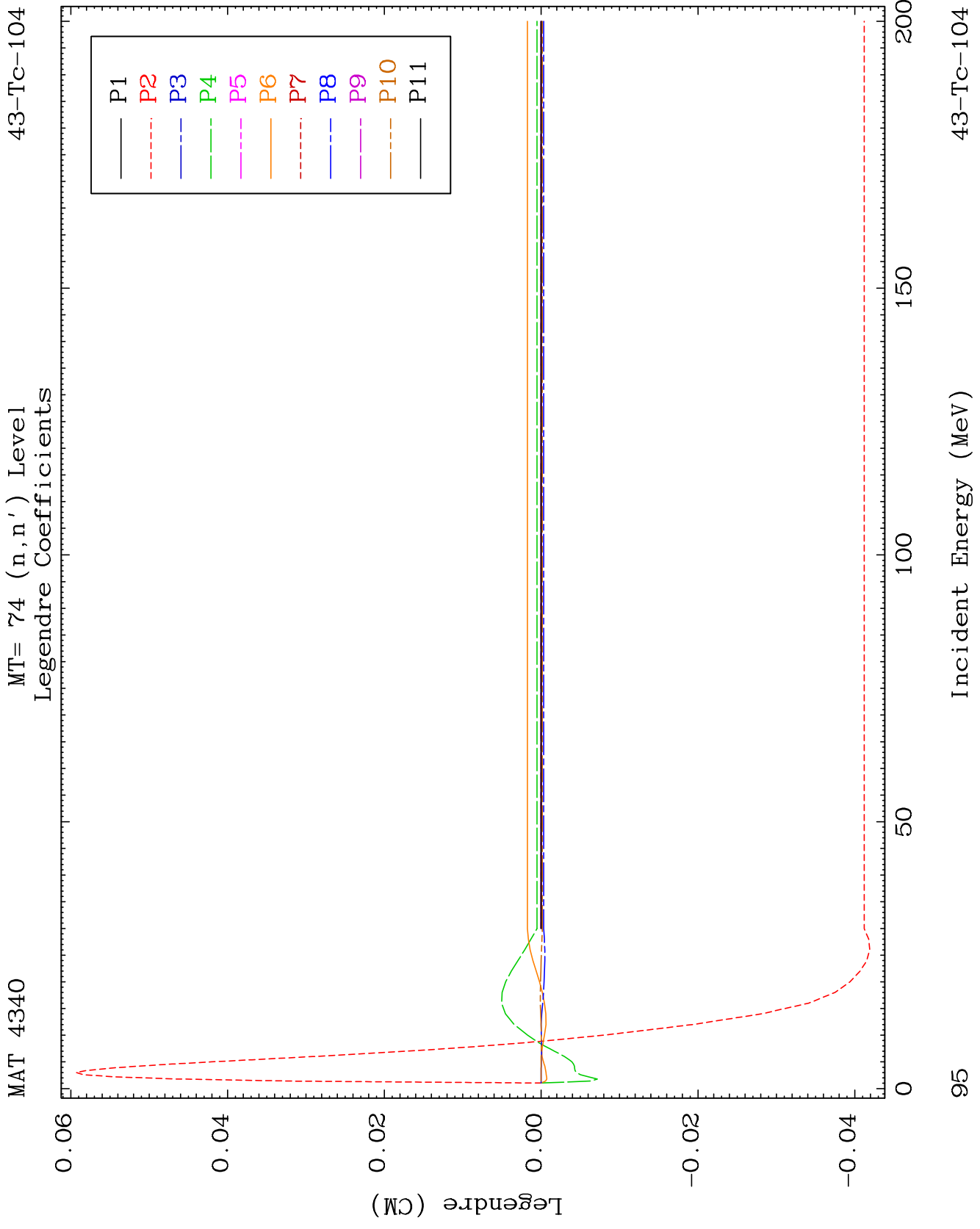
Incident Energy (MeV)

43-Tc-104





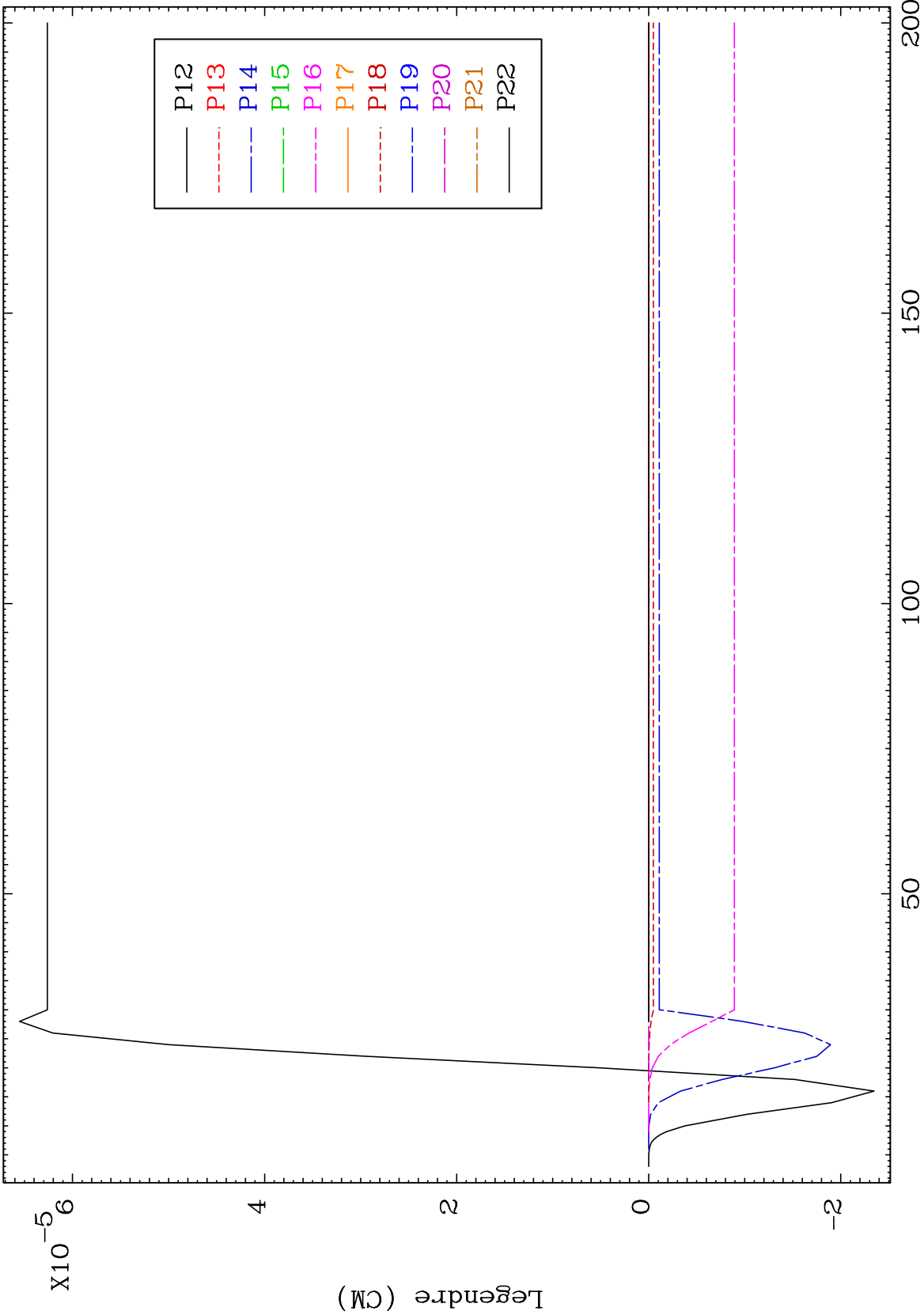




MAT 4340

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

43-Tc-104



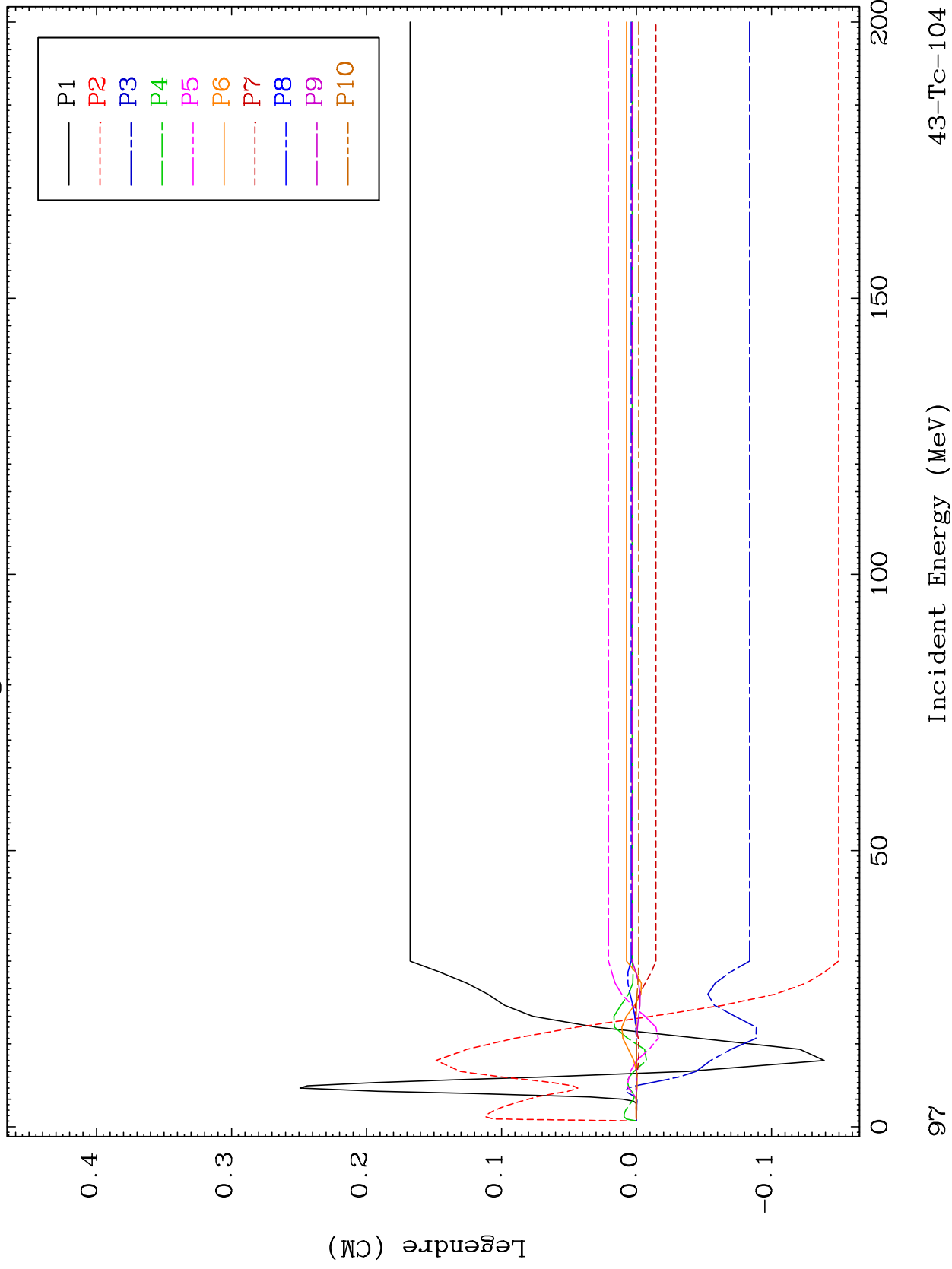
96

43-Tc-104

MAT 4340

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

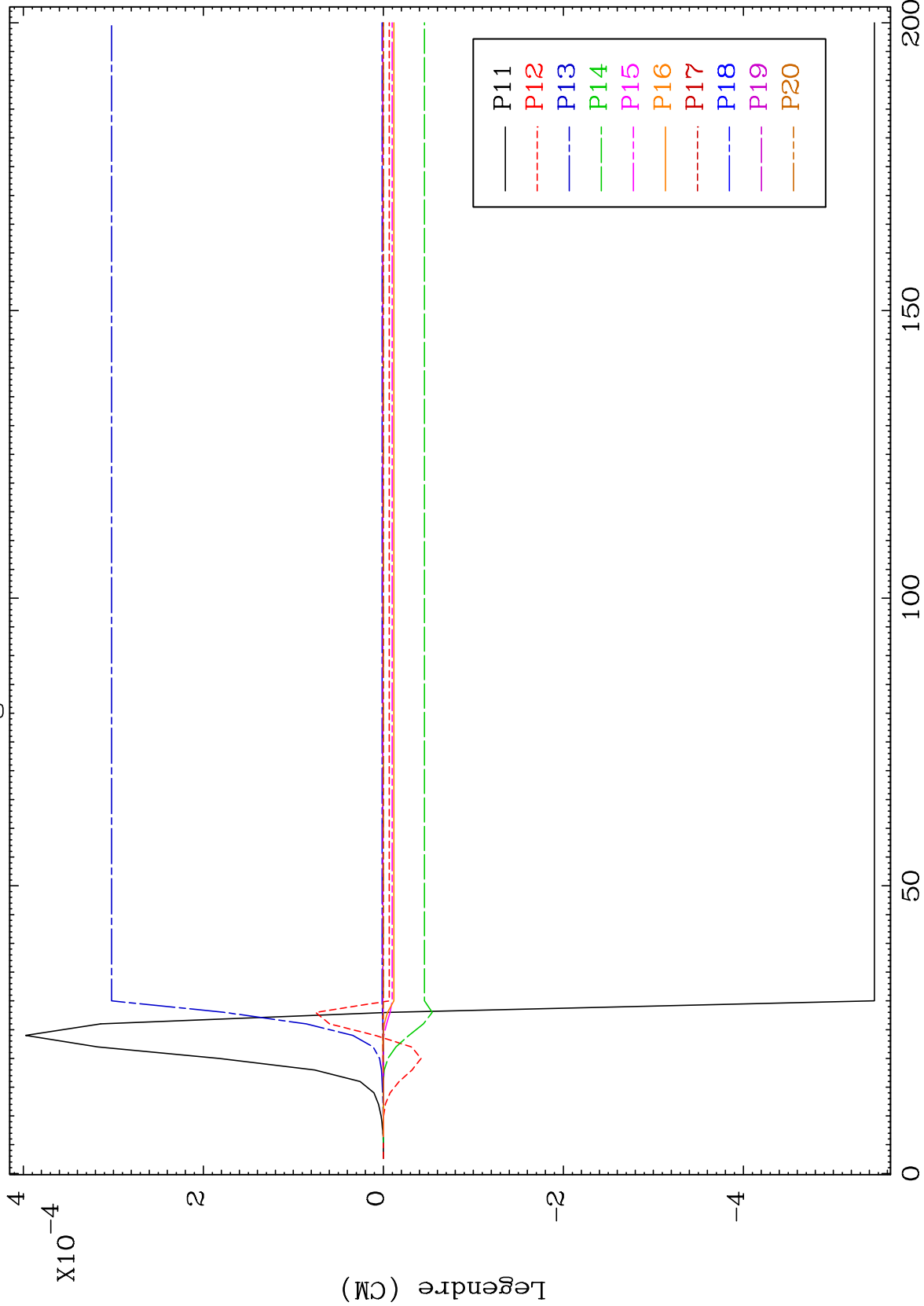
43-Tc-104



MAT 4340

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

43-Tc-104



98

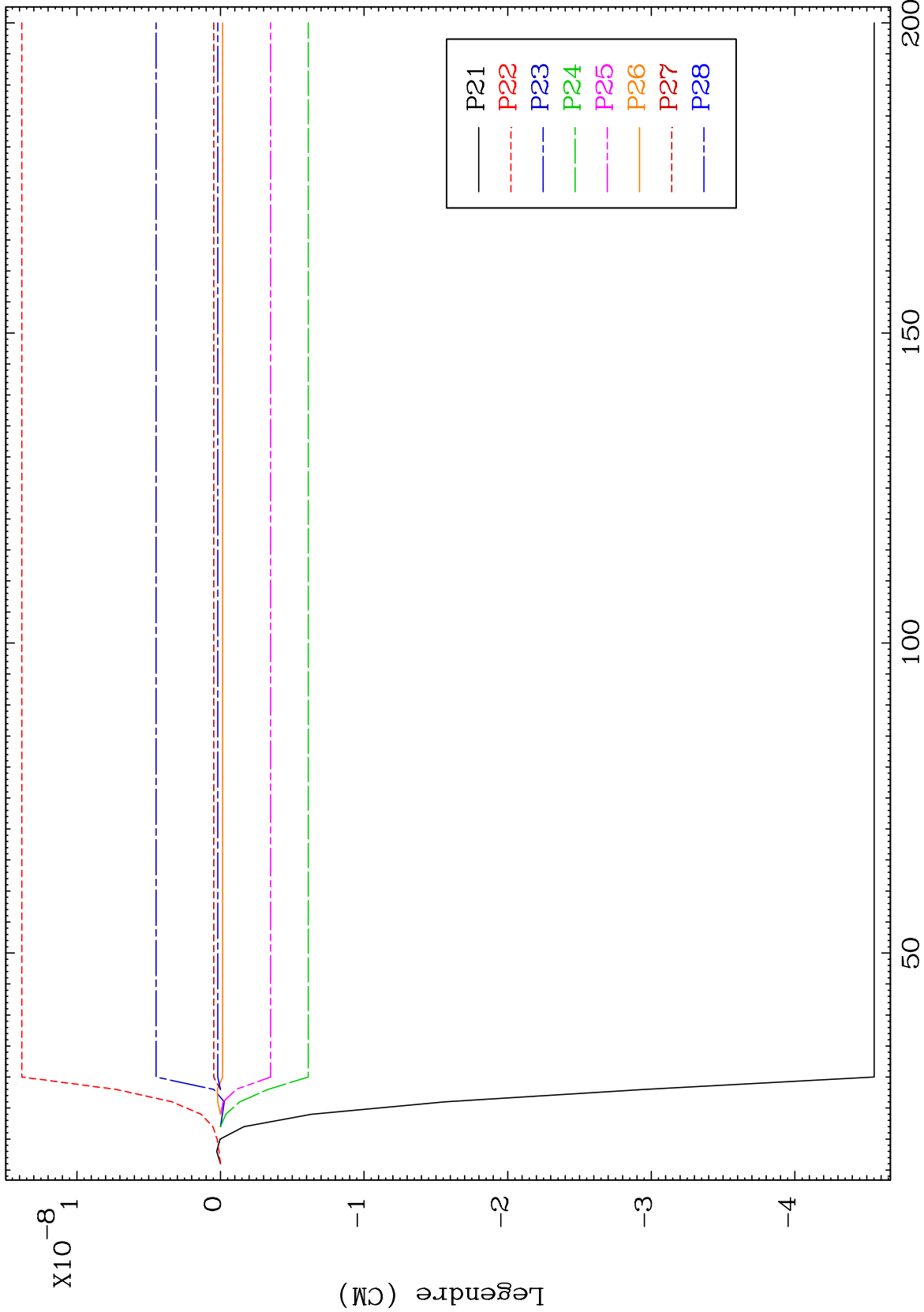
Incident Energy (MeV)

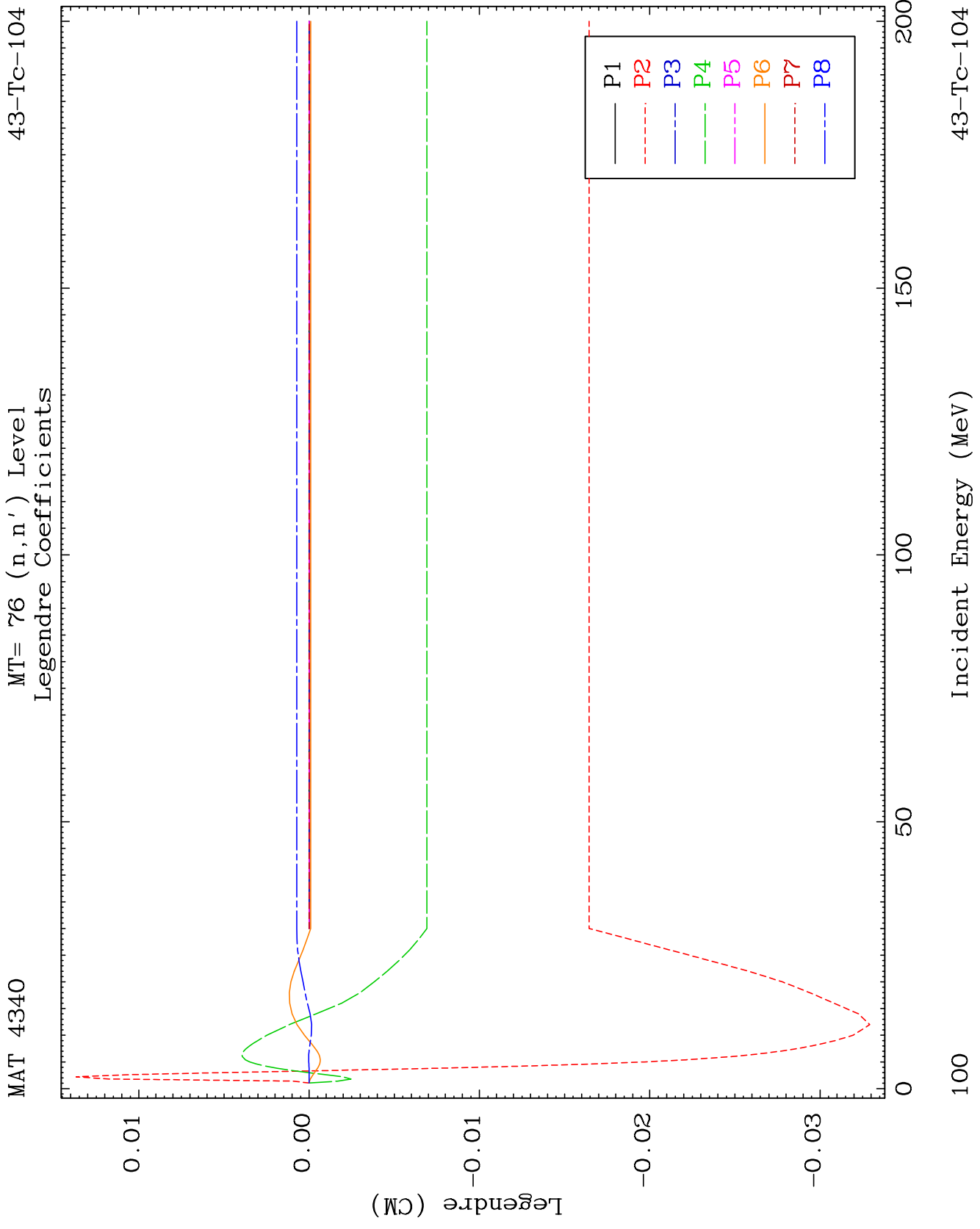
43-Tc-104

MAT 4340

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

43-Tc-104

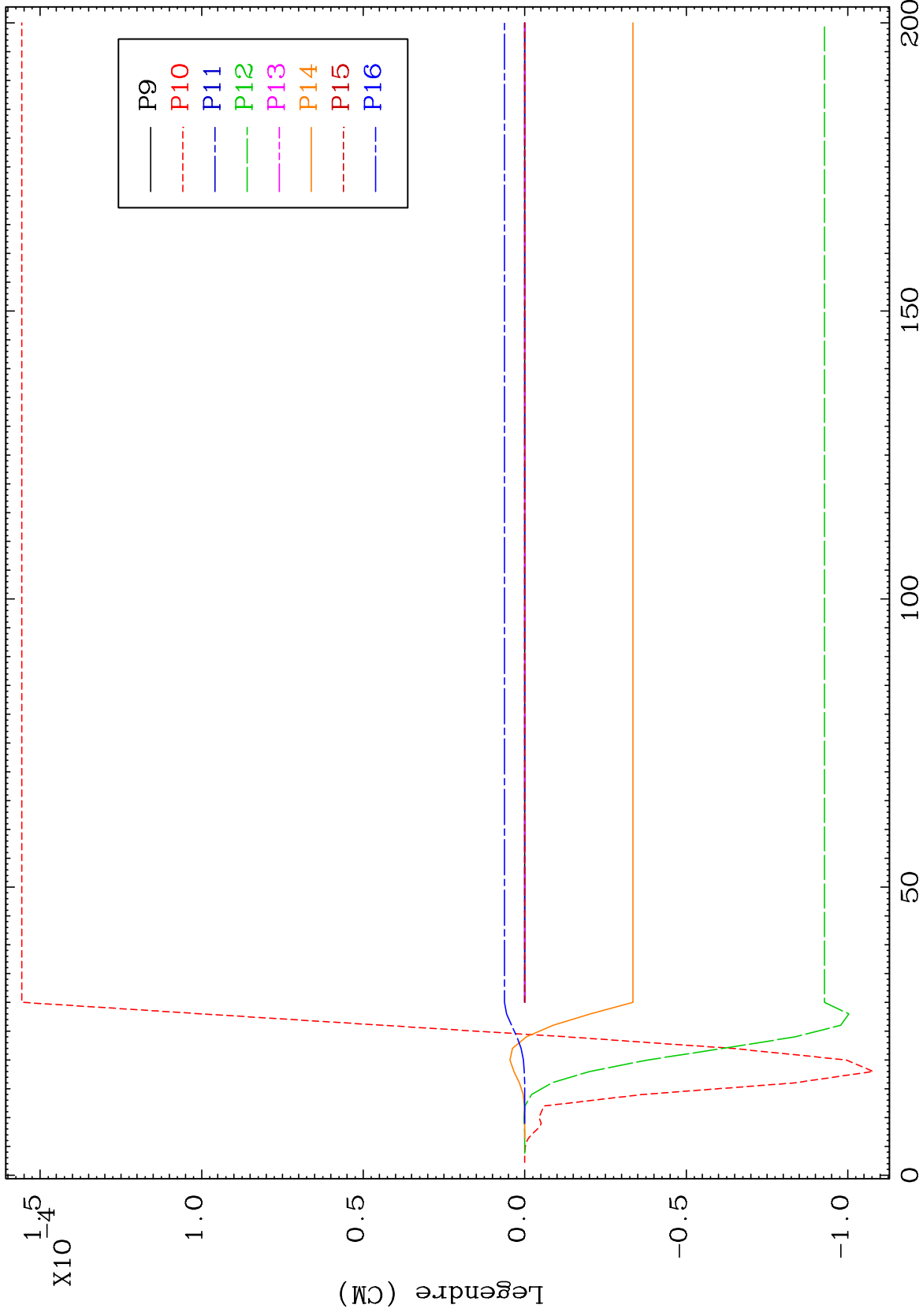




MAT 4340

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

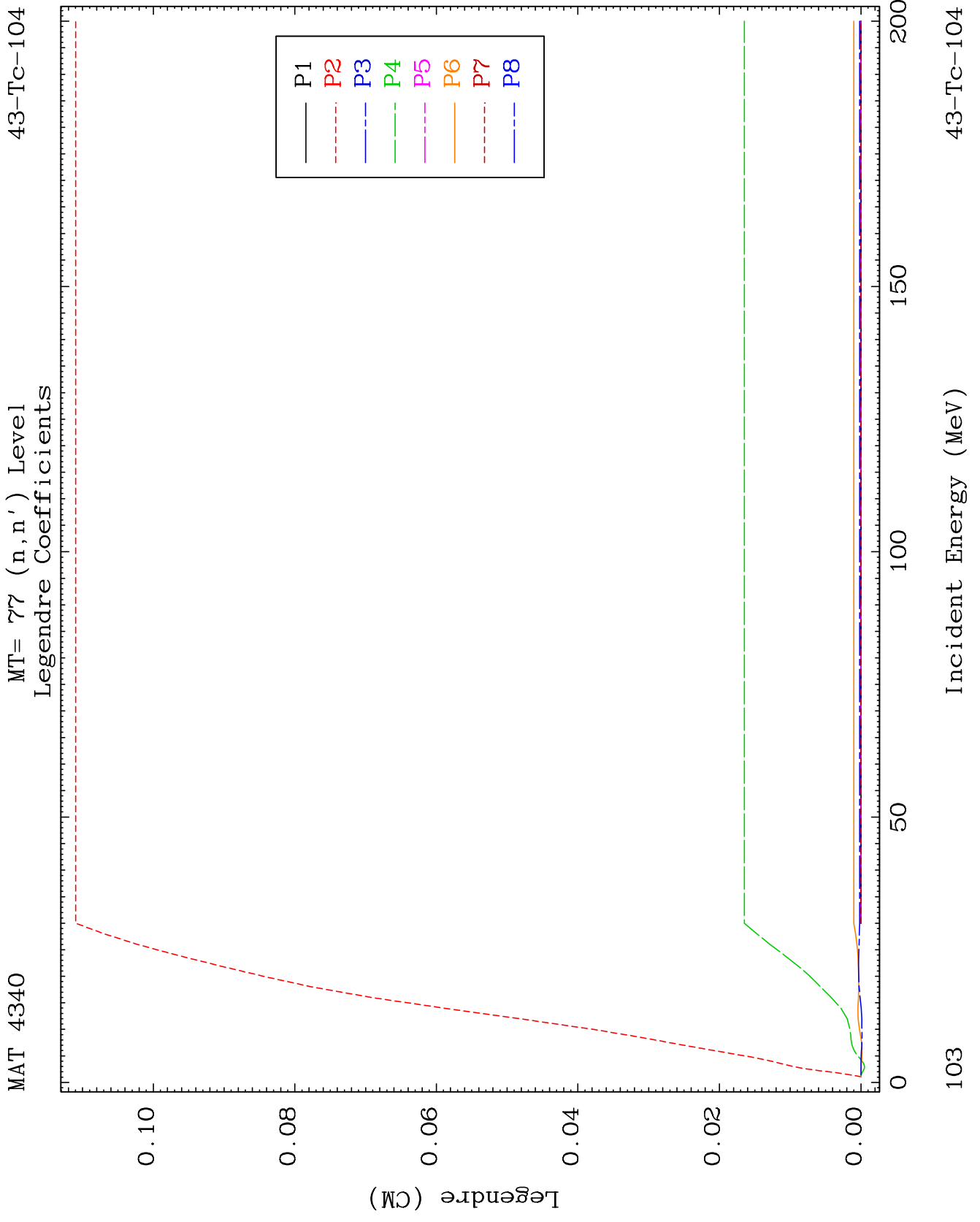
43-Tc-104

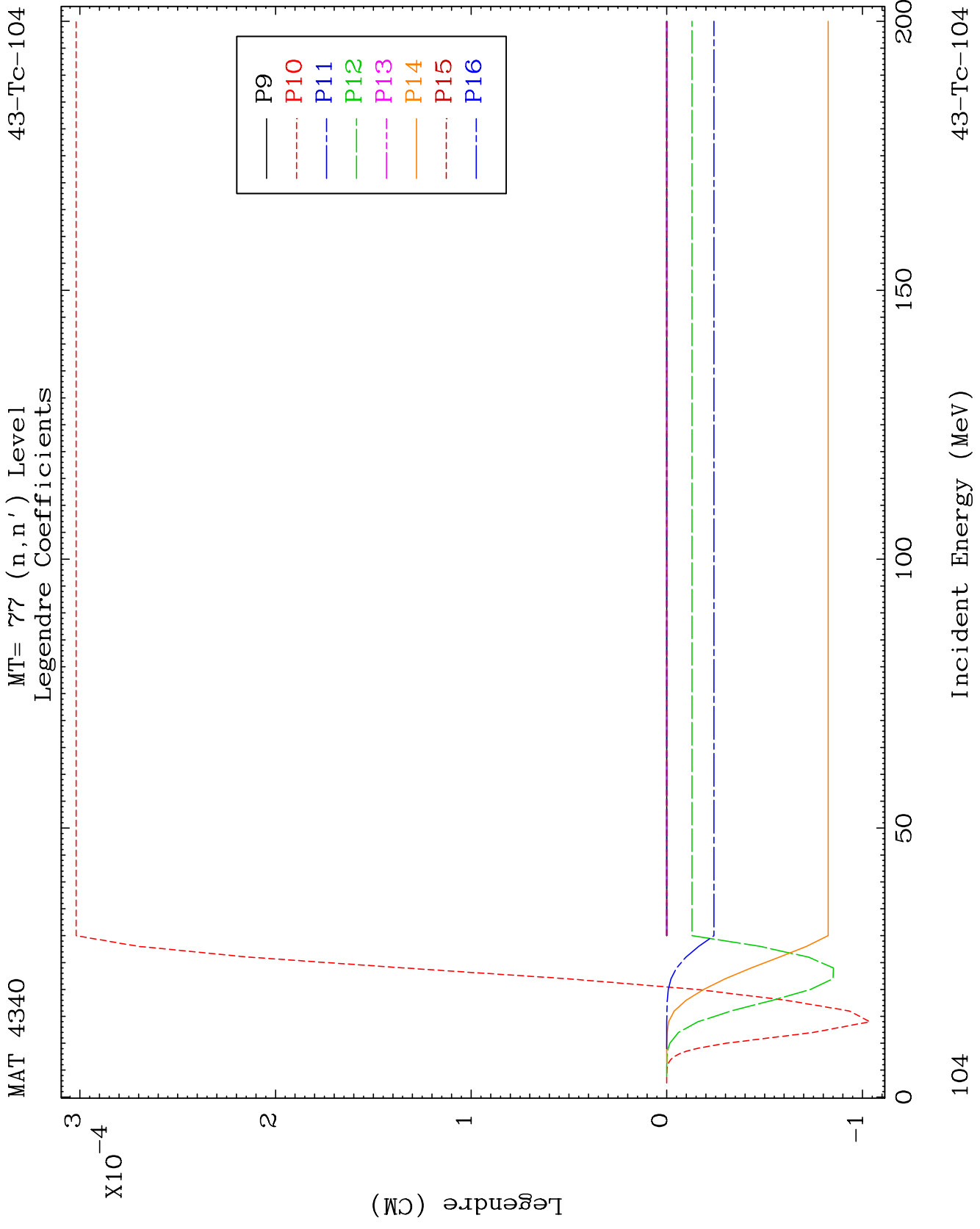


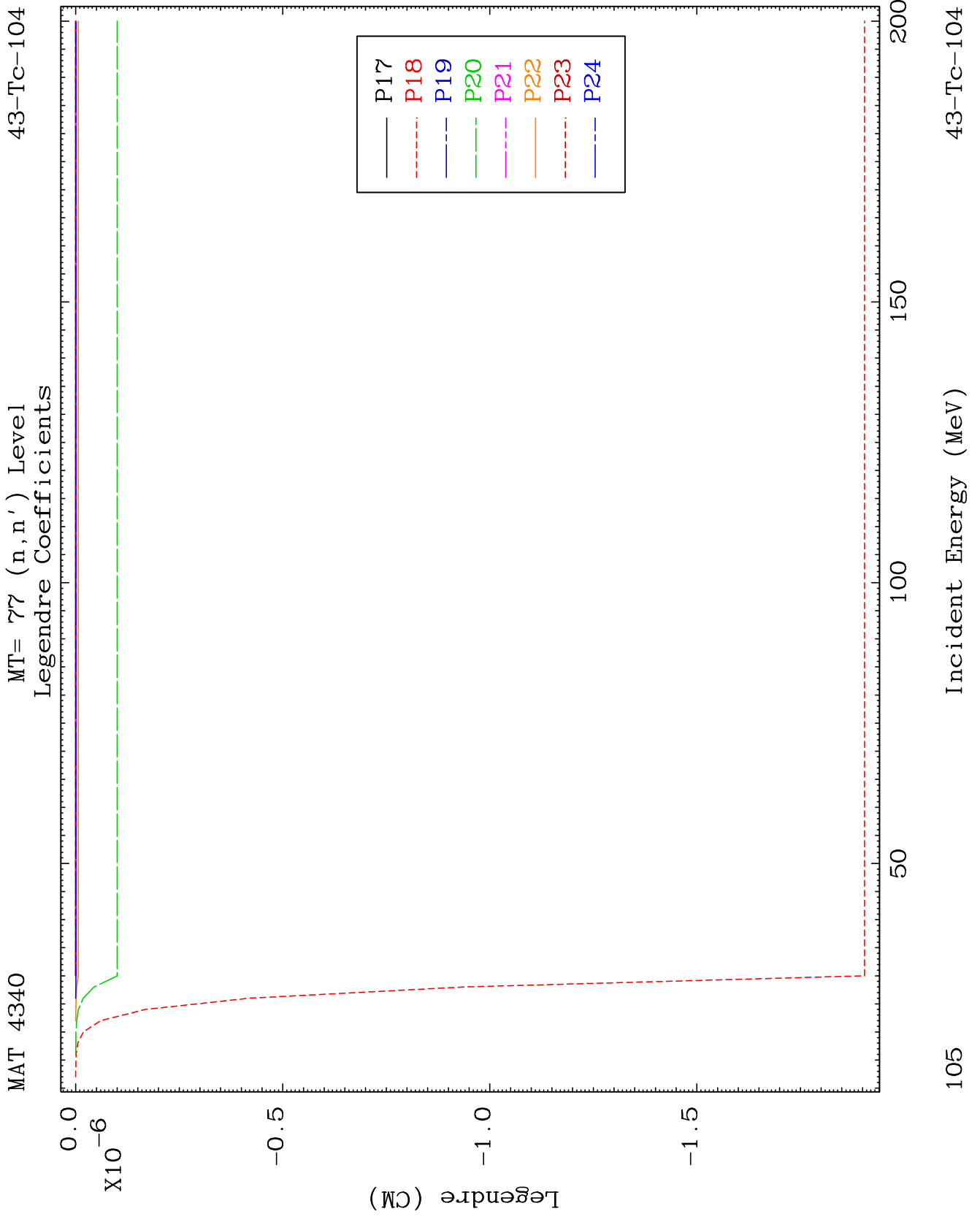
101

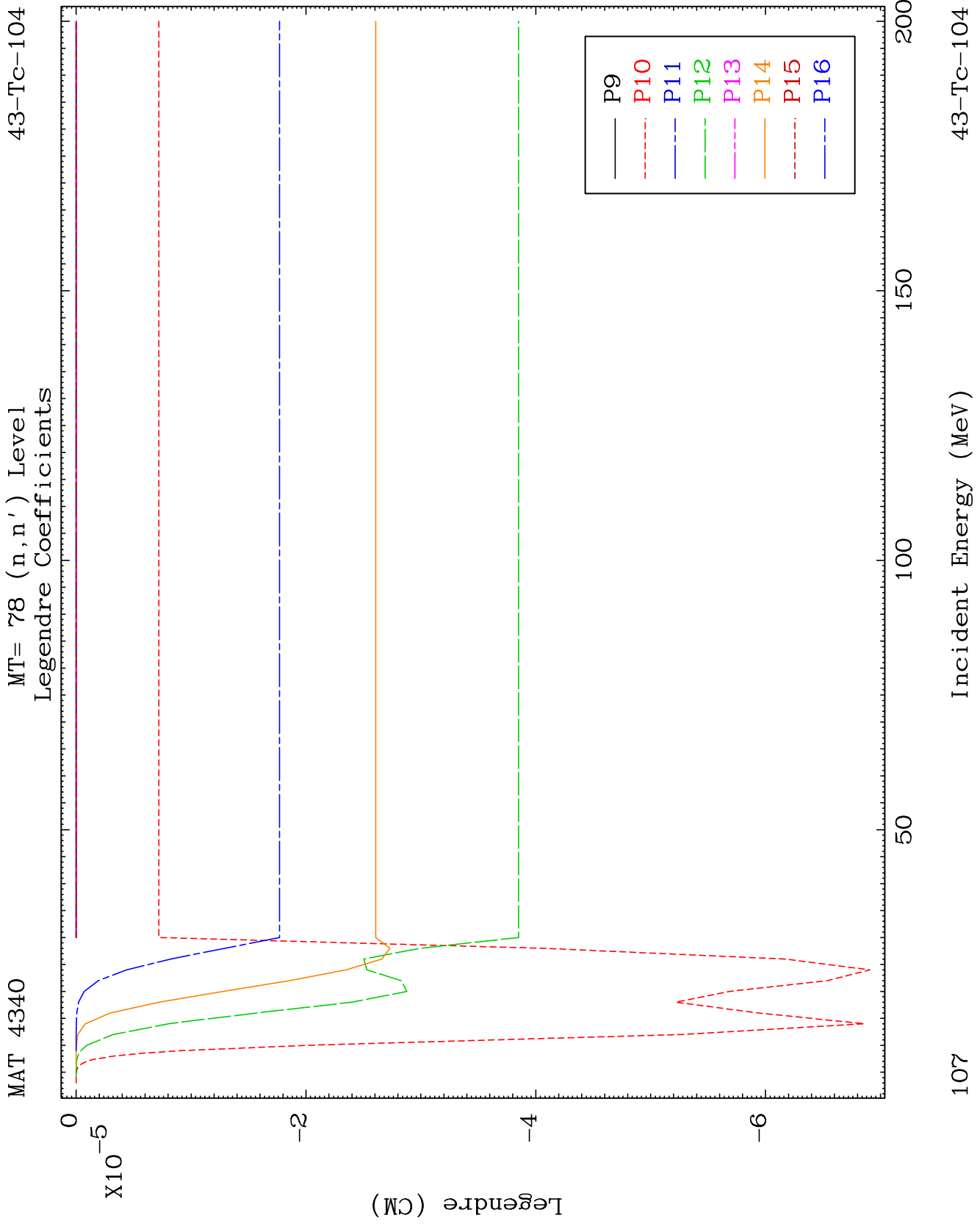
Incident Energy (MeV)

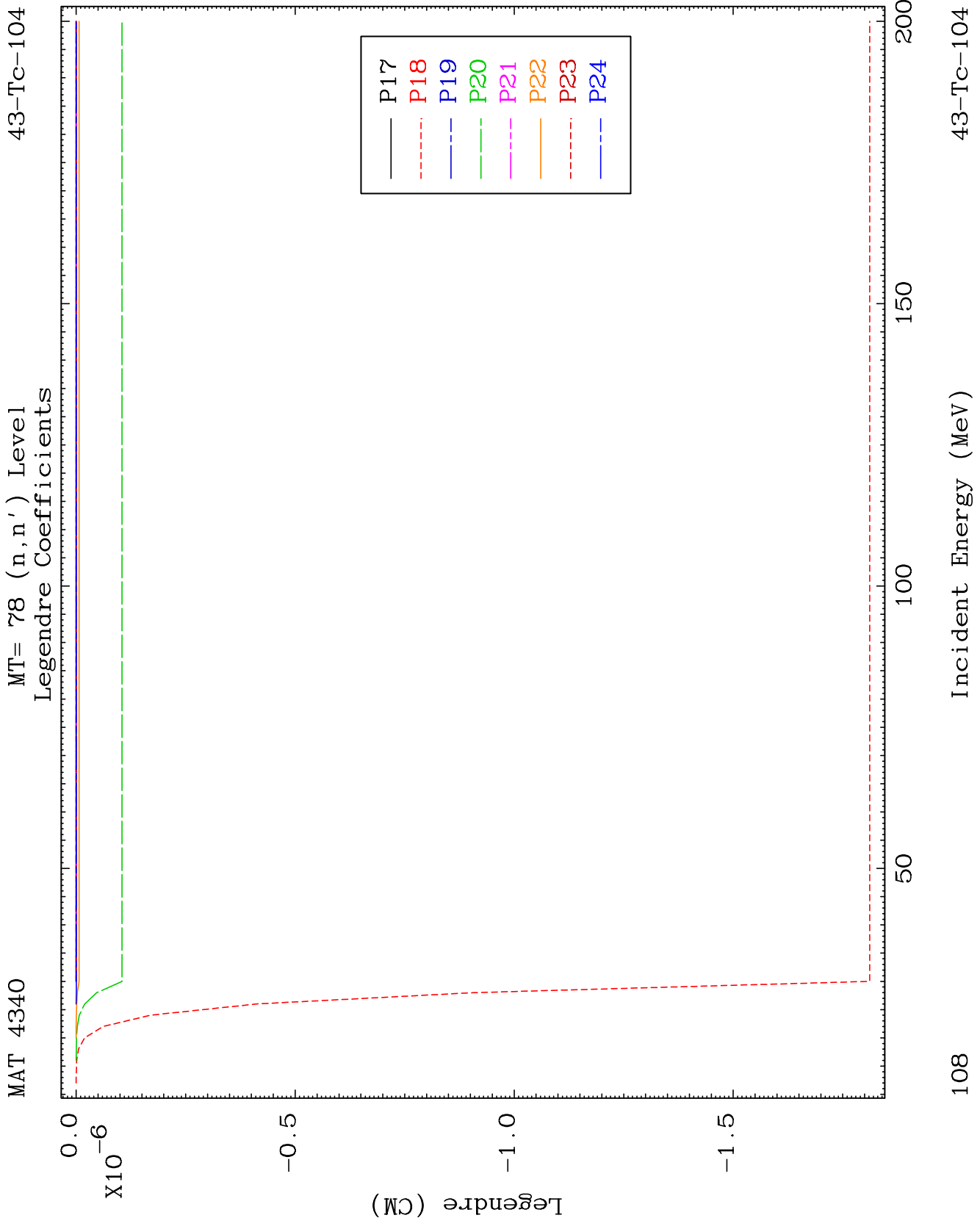
43-Tc-104

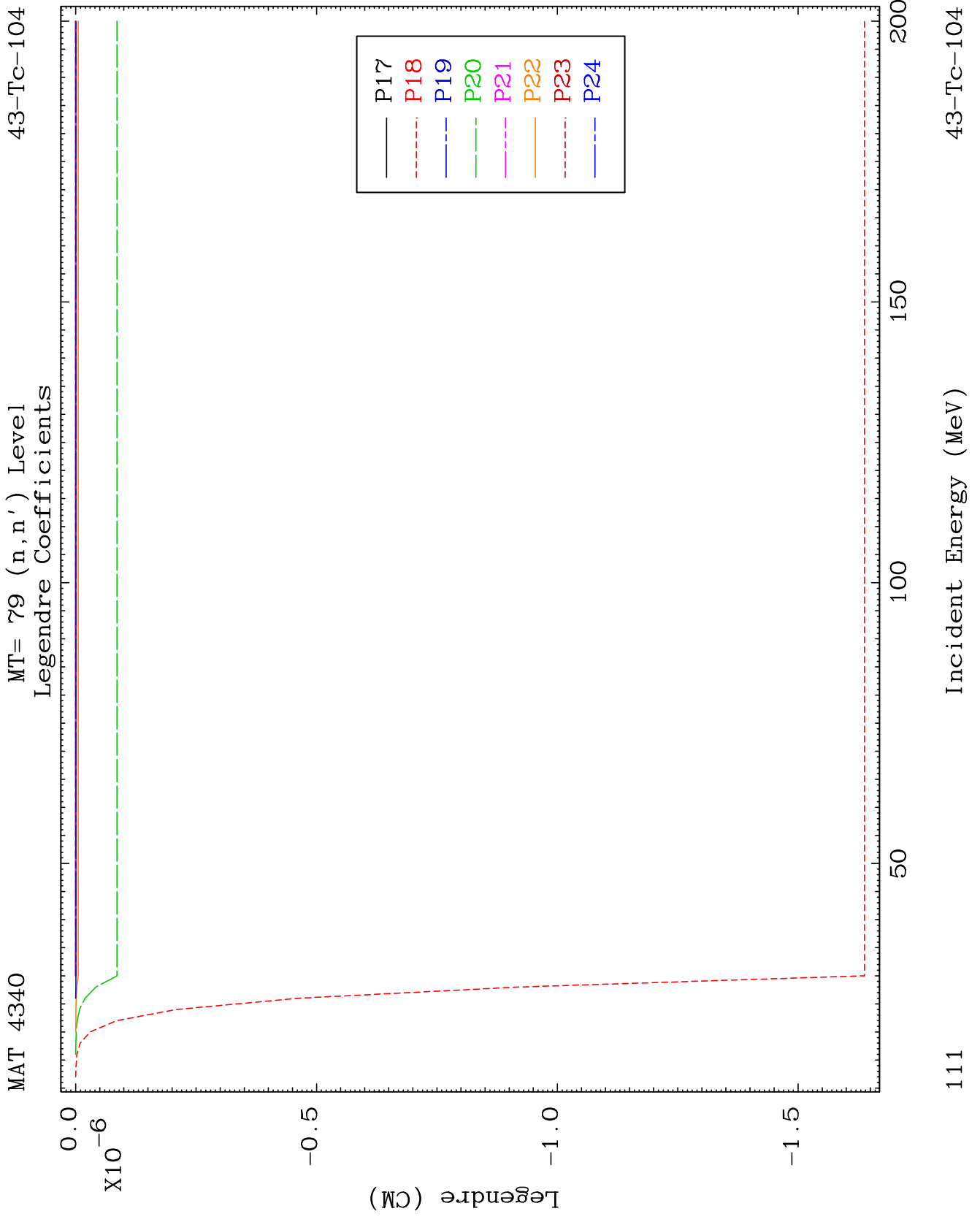


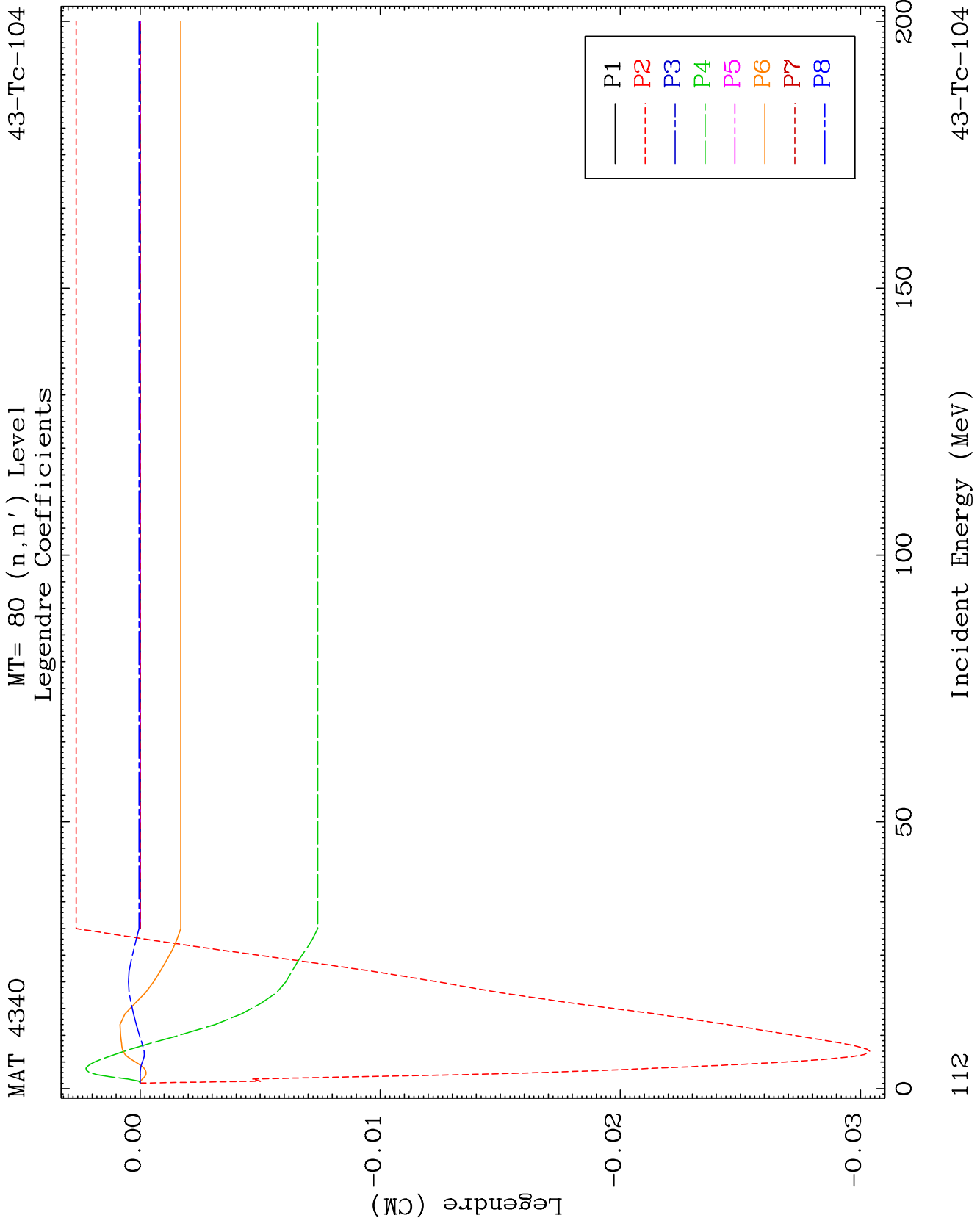


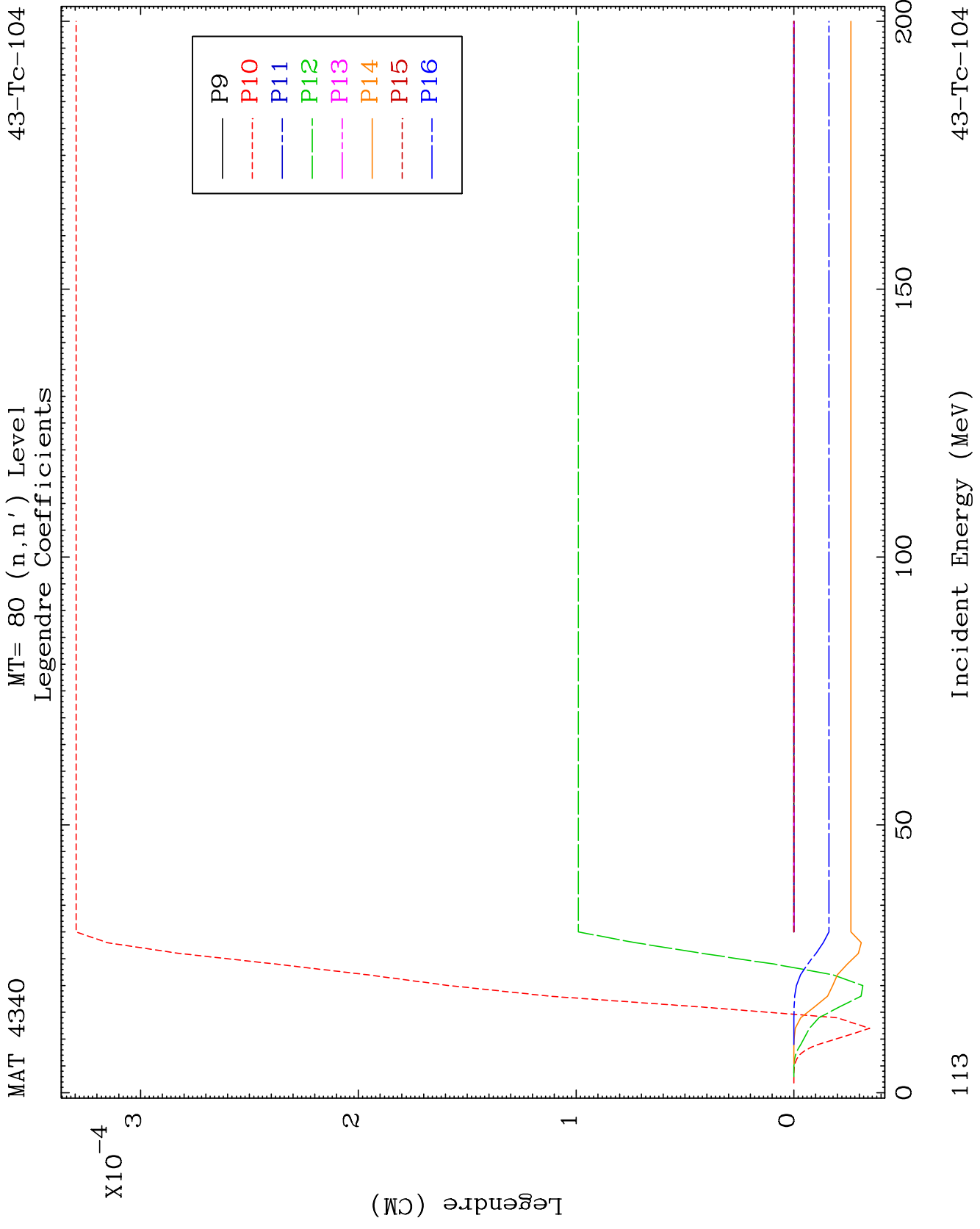


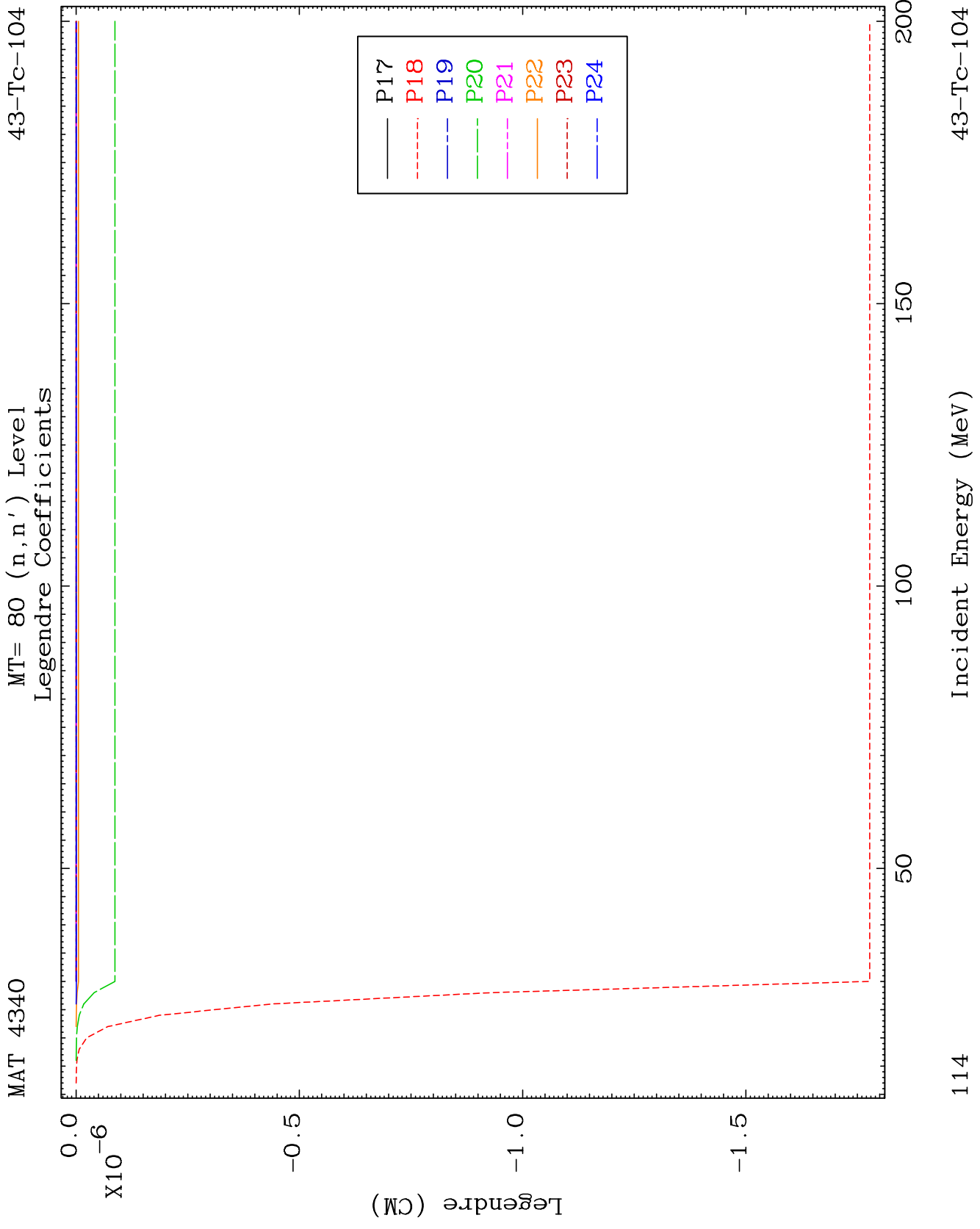










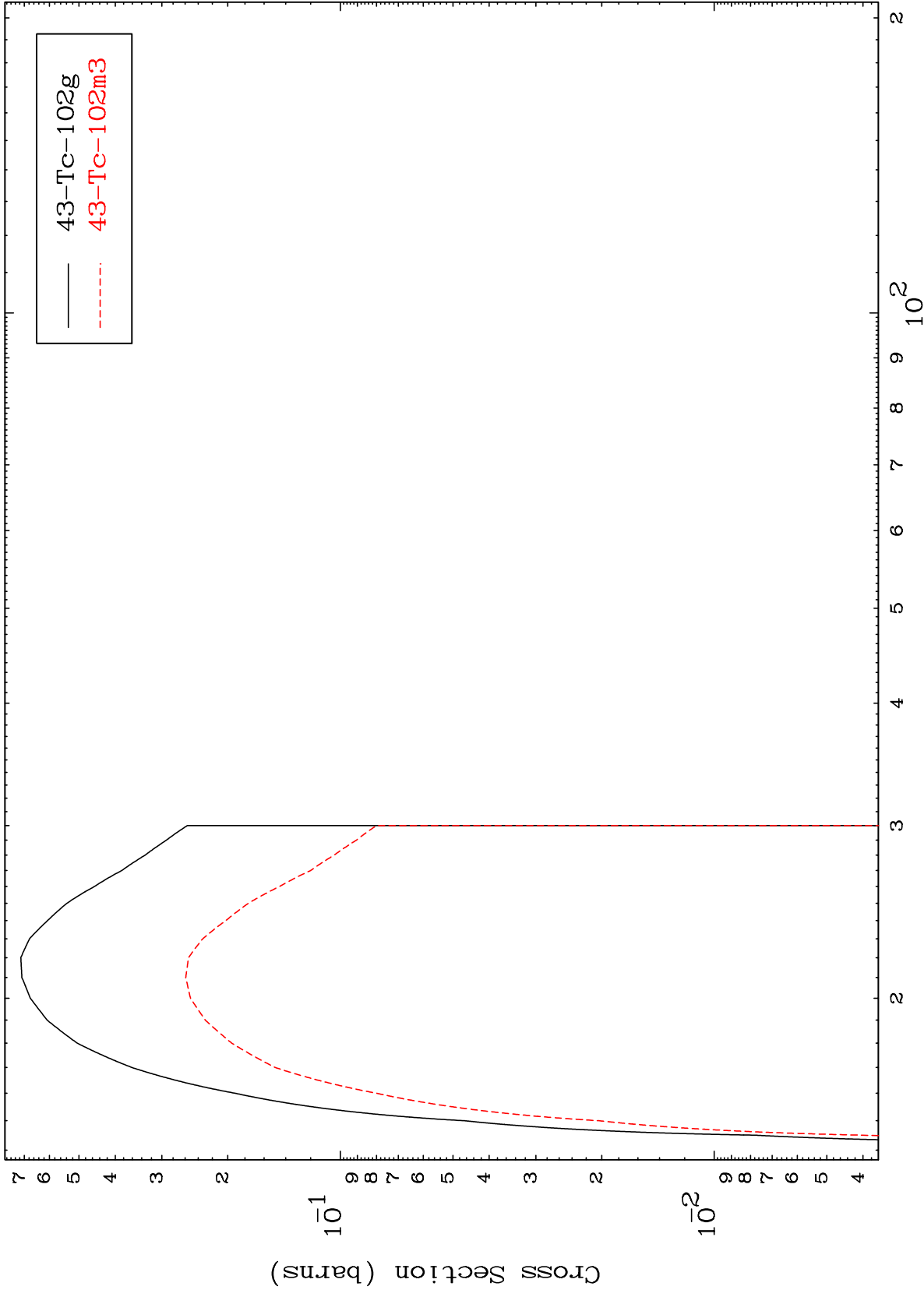


MAT 4340

(n,3n)

43-Tc-104

Radionuclide Production Cross Section



43-Tc-102g
43-Tc-102m3

115

Incident Energy (MeV)

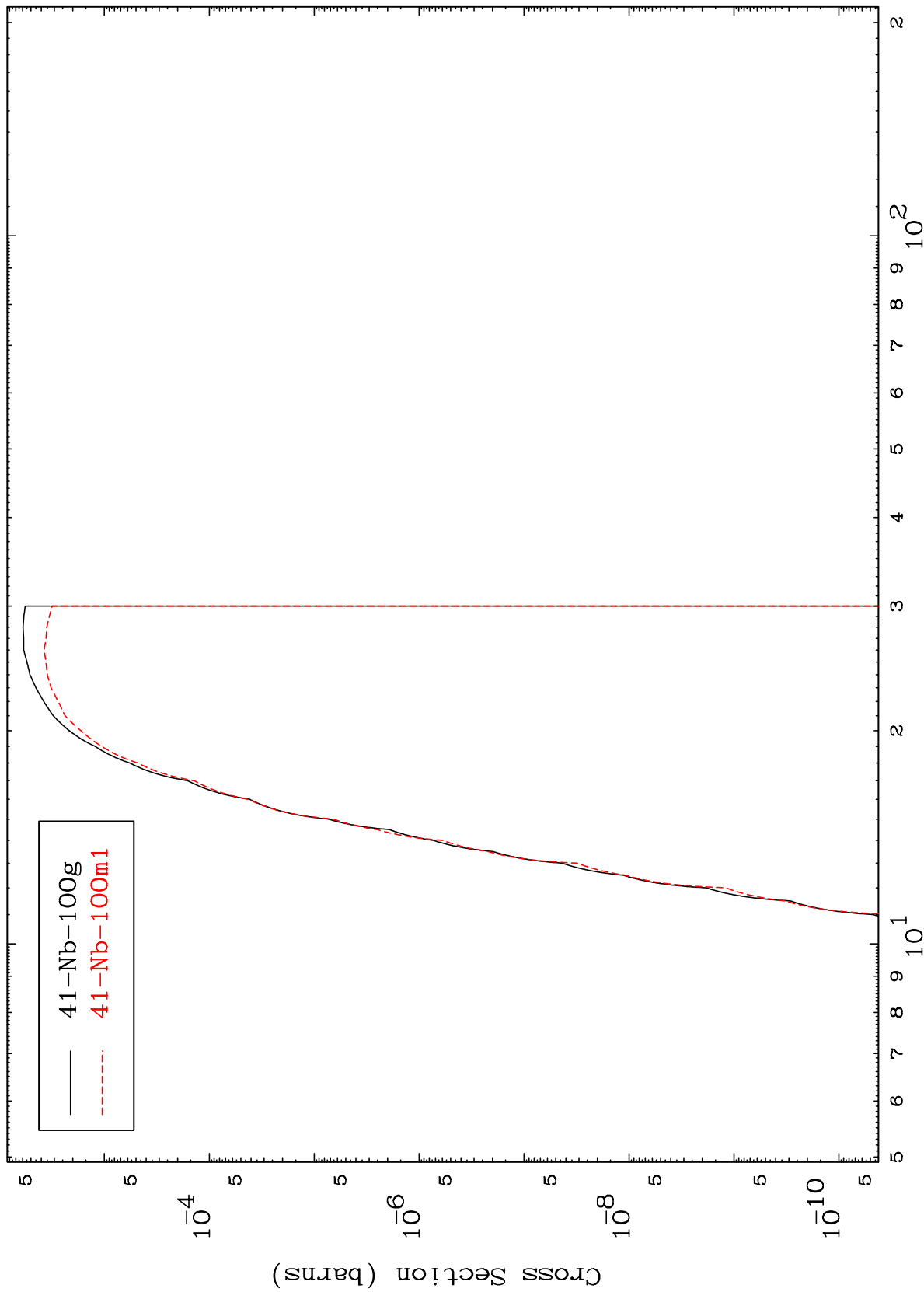
43-Tc-104

MAT 4340

$(n, n') \alpha$

43-Tc-104

Radionuclide Production Cross Section



116

Incident Energy (MeV)

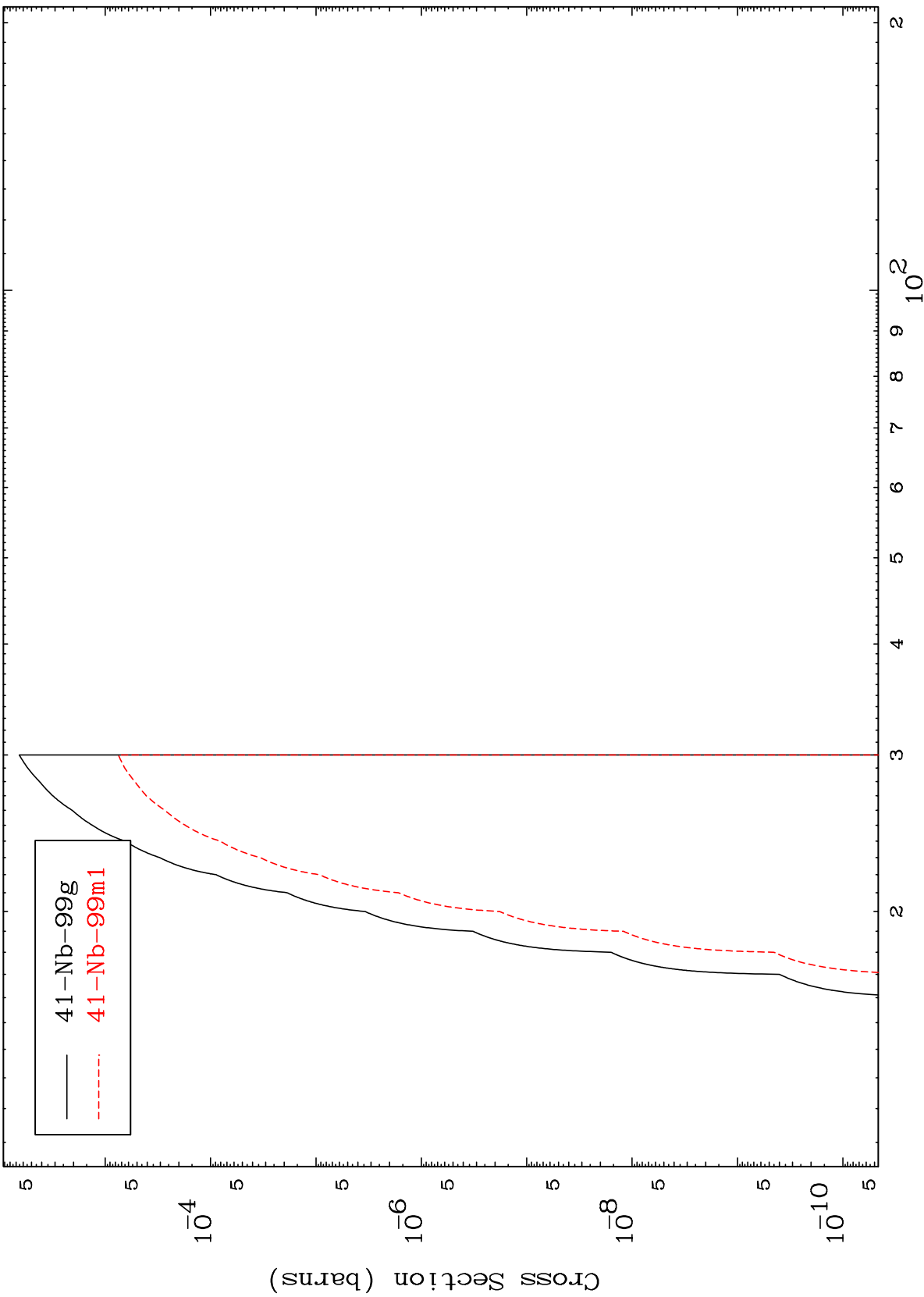
43-Tc-104

MAT 4340

(n,2n) α

43-Tc-104

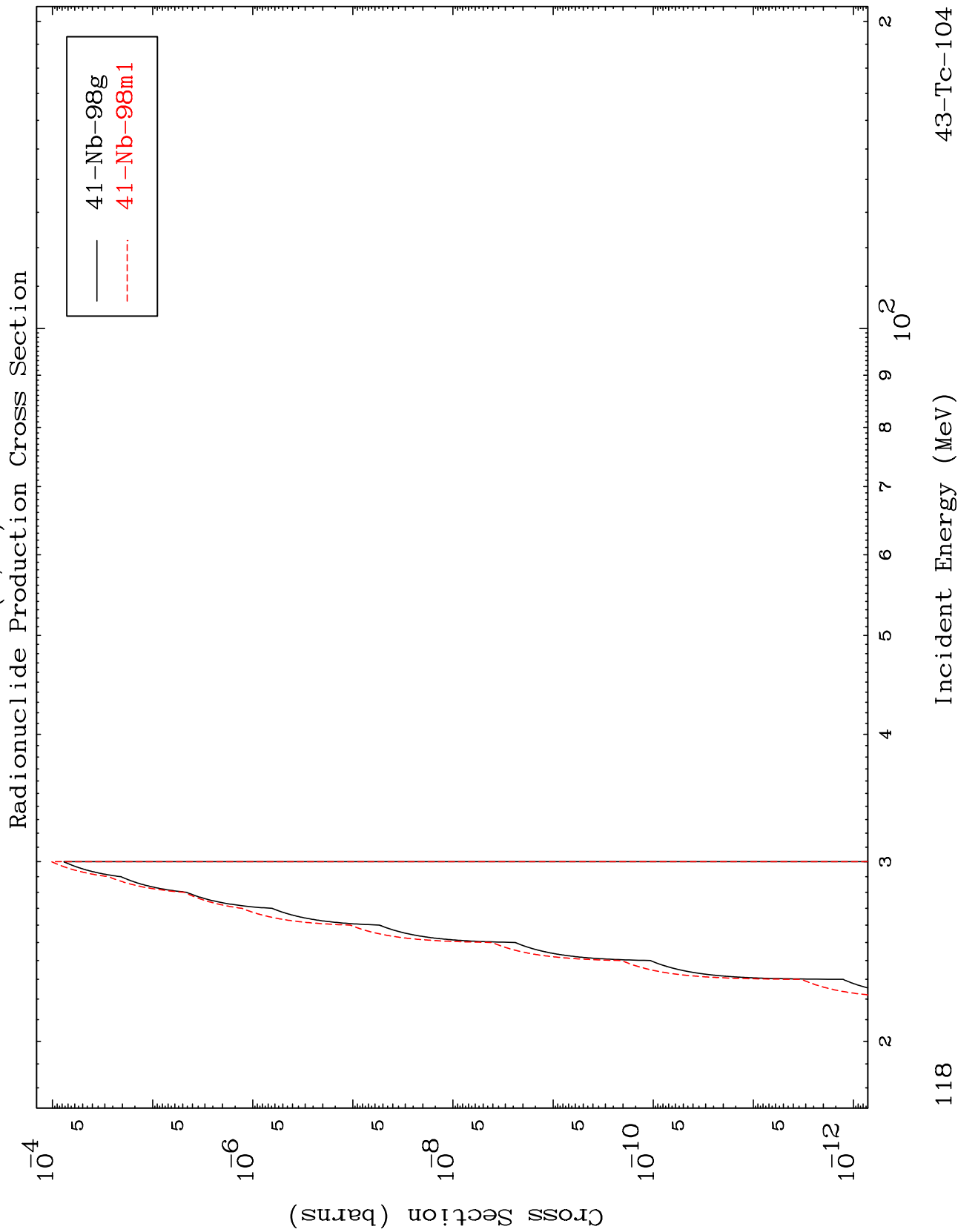
Radionuclide Production Cross Section



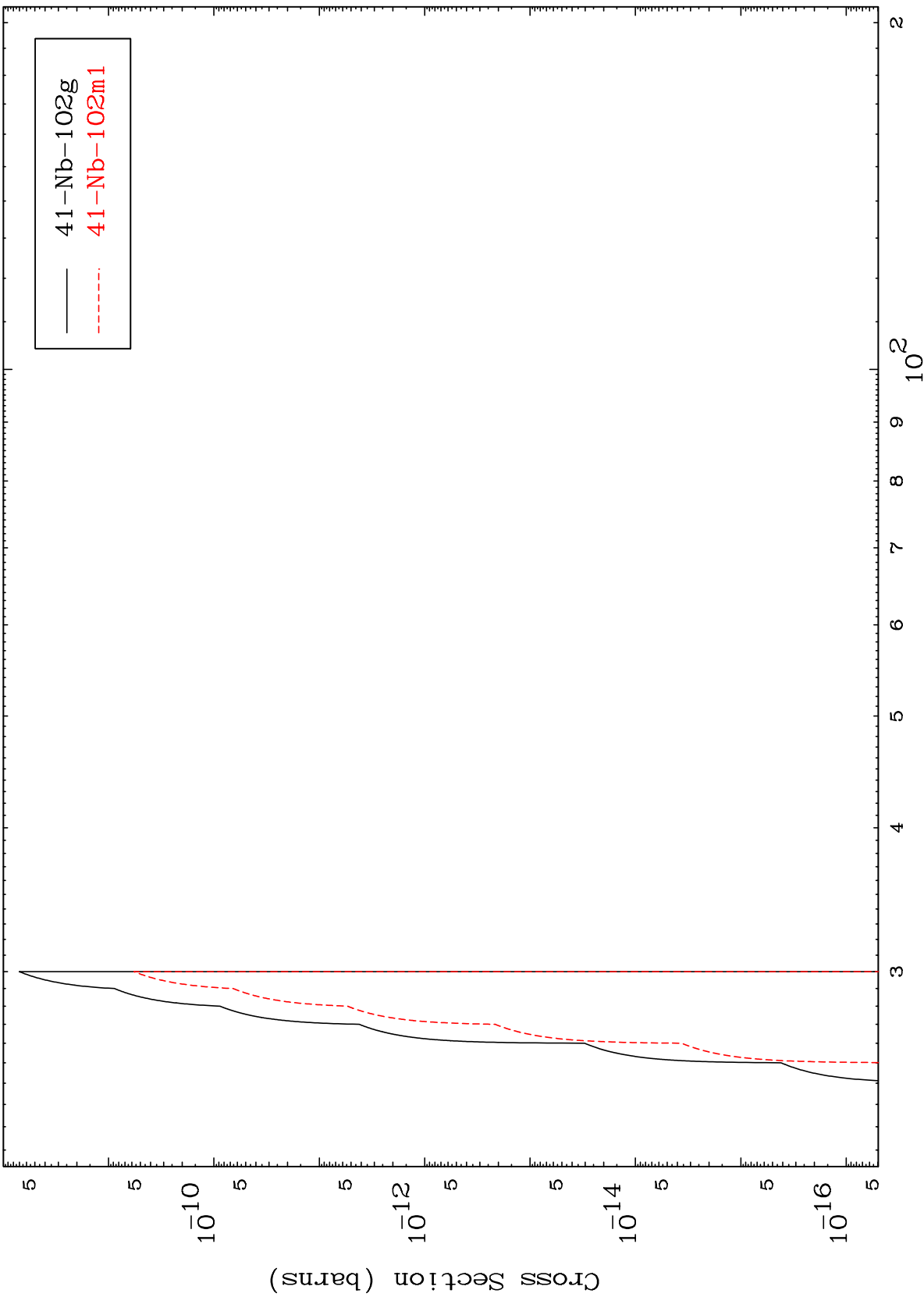
117

Incident Energy (MeV)

43-Tc-104



Radionuclide Production Cross Section



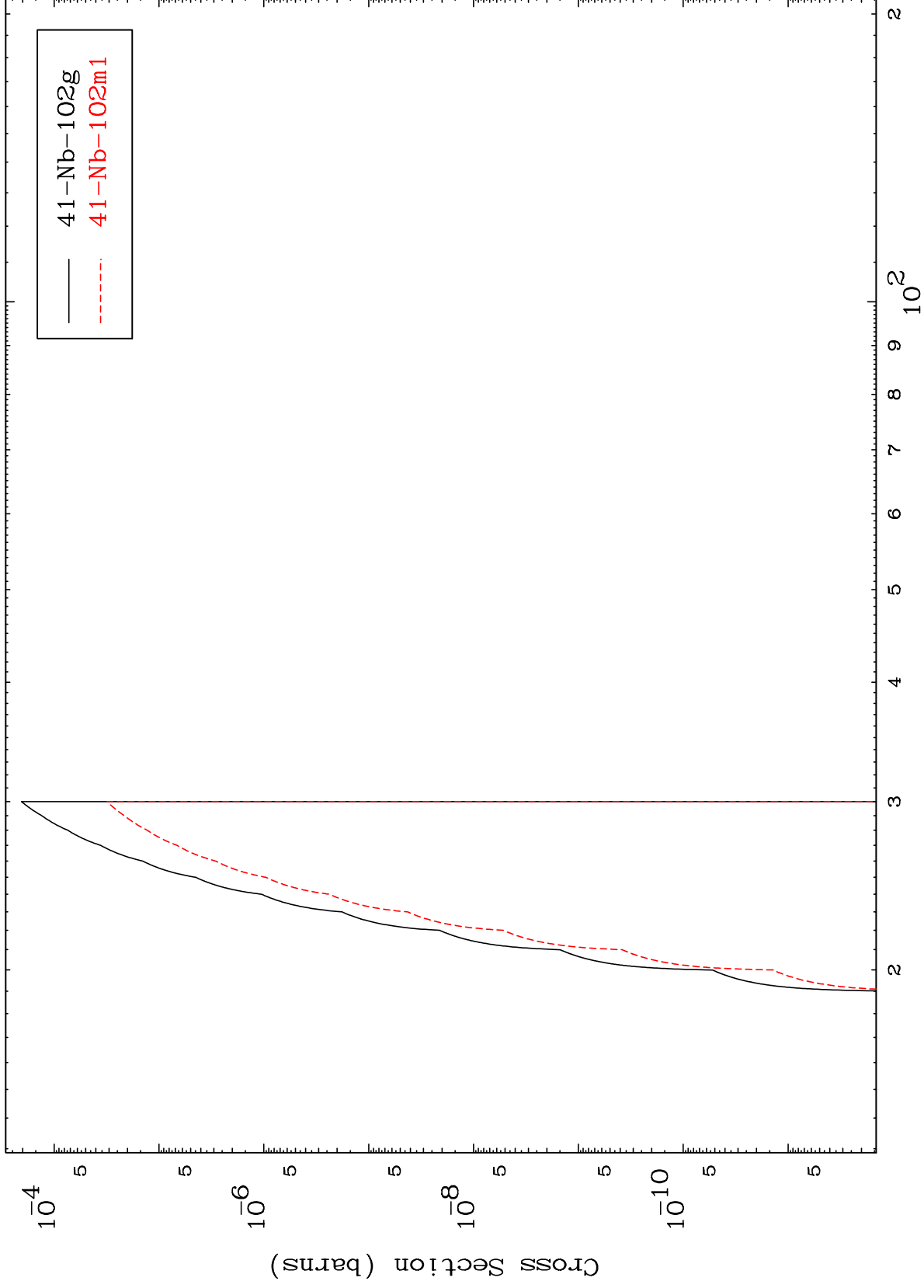
41-Nb-102g
41-Nb-102m1

MAT 4340

(n,He-3)

43-Tc-104

Radionuclide Production Cross Section



120

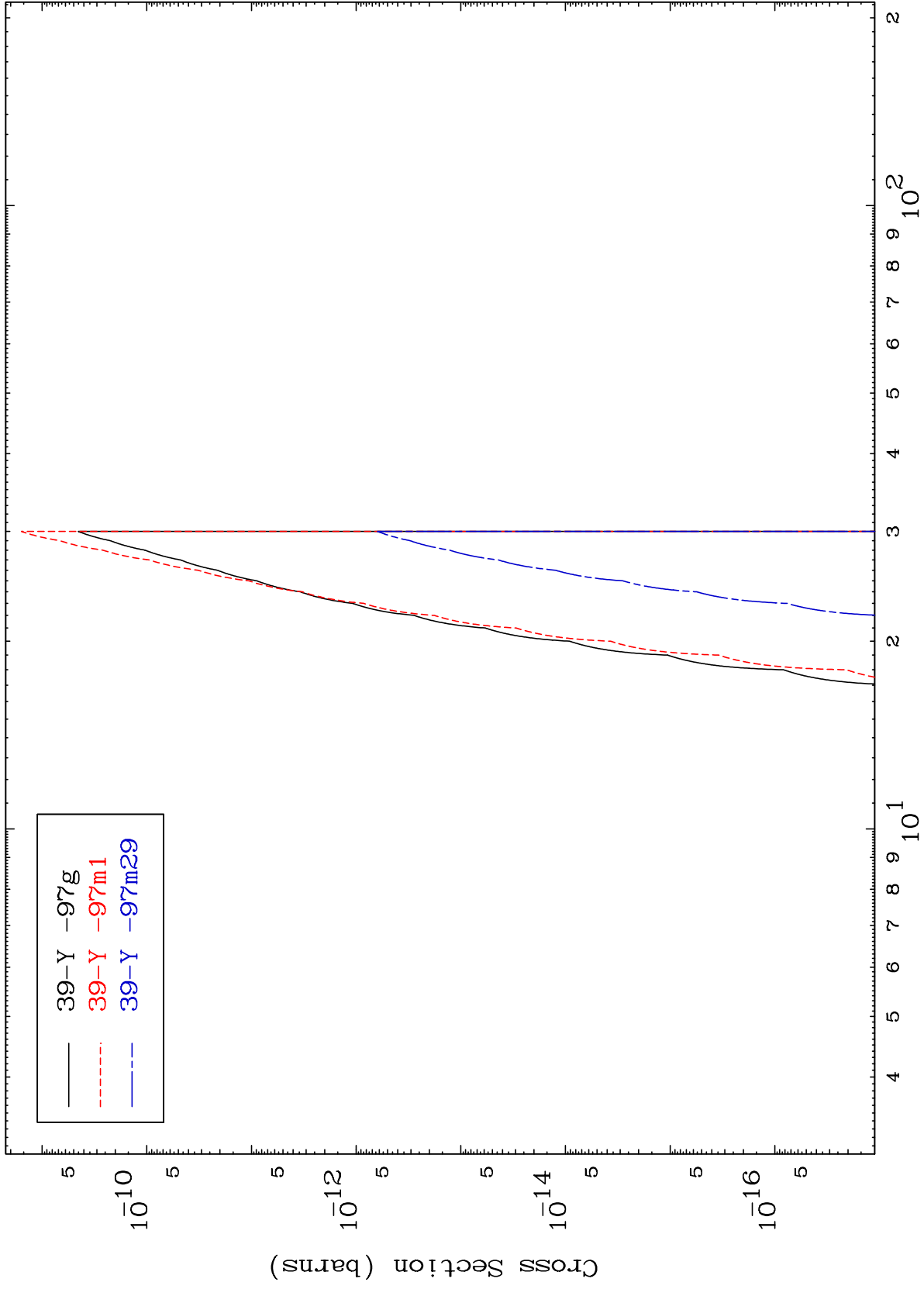
Incident Energy (MeV)

43-Tc-104

MAT 4340

43-Tc-104

Radionuclide Production Cross Section
(n,2α)



121

43-Tc-104

Incident Energy (MeV)