

Program EVALPLOT
(Version 2021-1)

by

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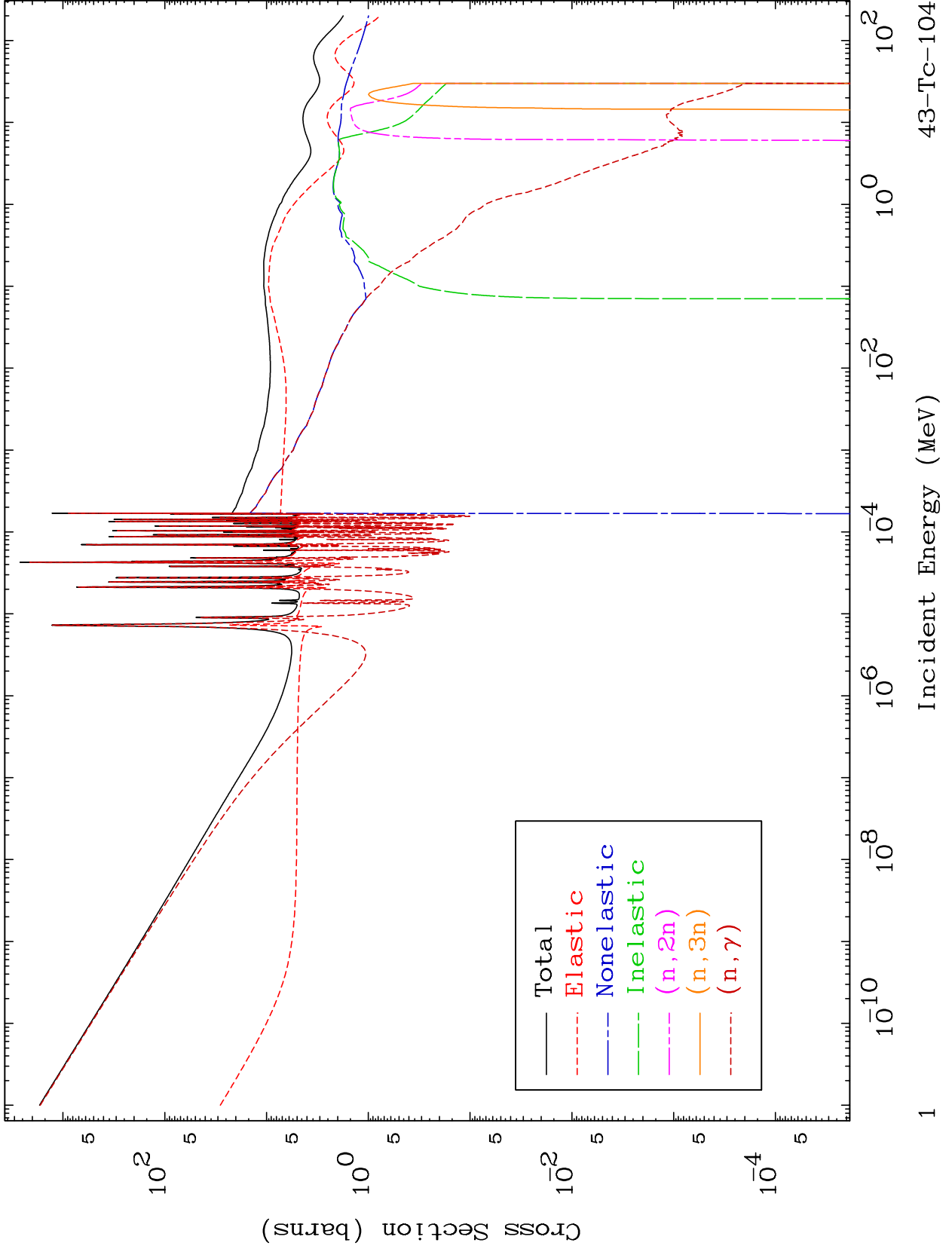
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4340

Neutron Major
293 Kelvin Cross Sections

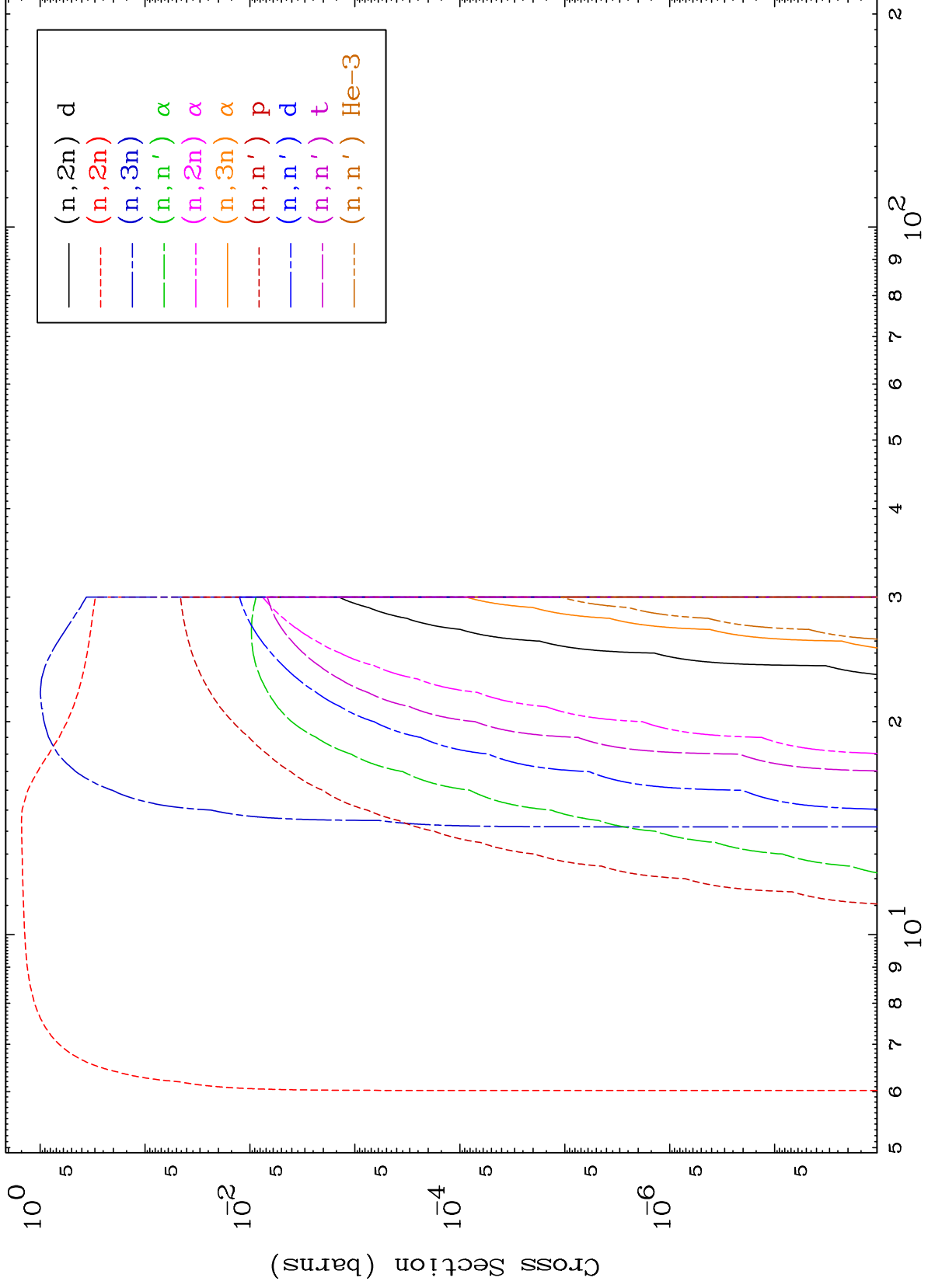
43-Tc-104



MAT 4340

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-104



2

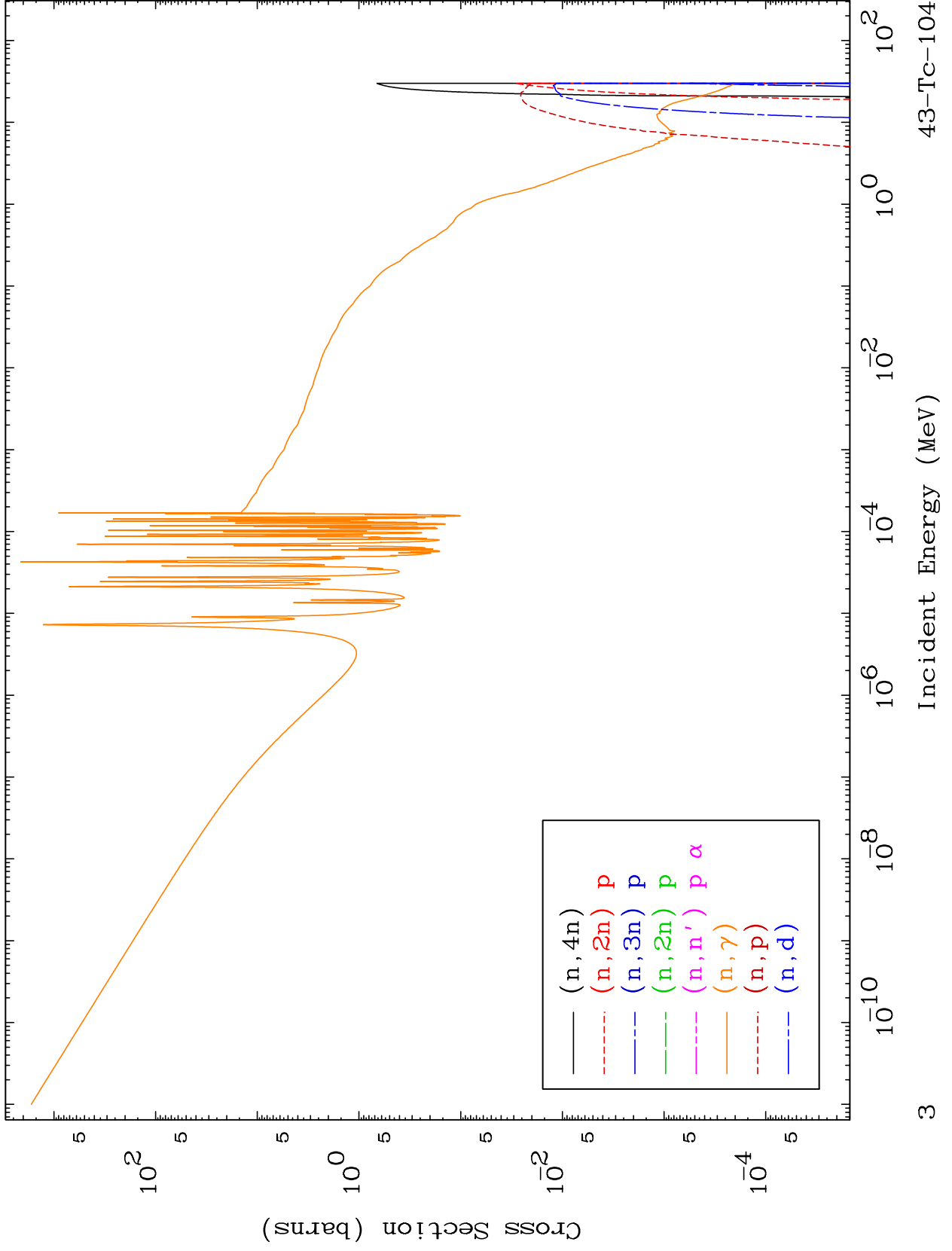
Incident Energy (MeV)

43-Tc-104

MAT 4340

Neutron Absorption
293 Kelvin Cross Sections

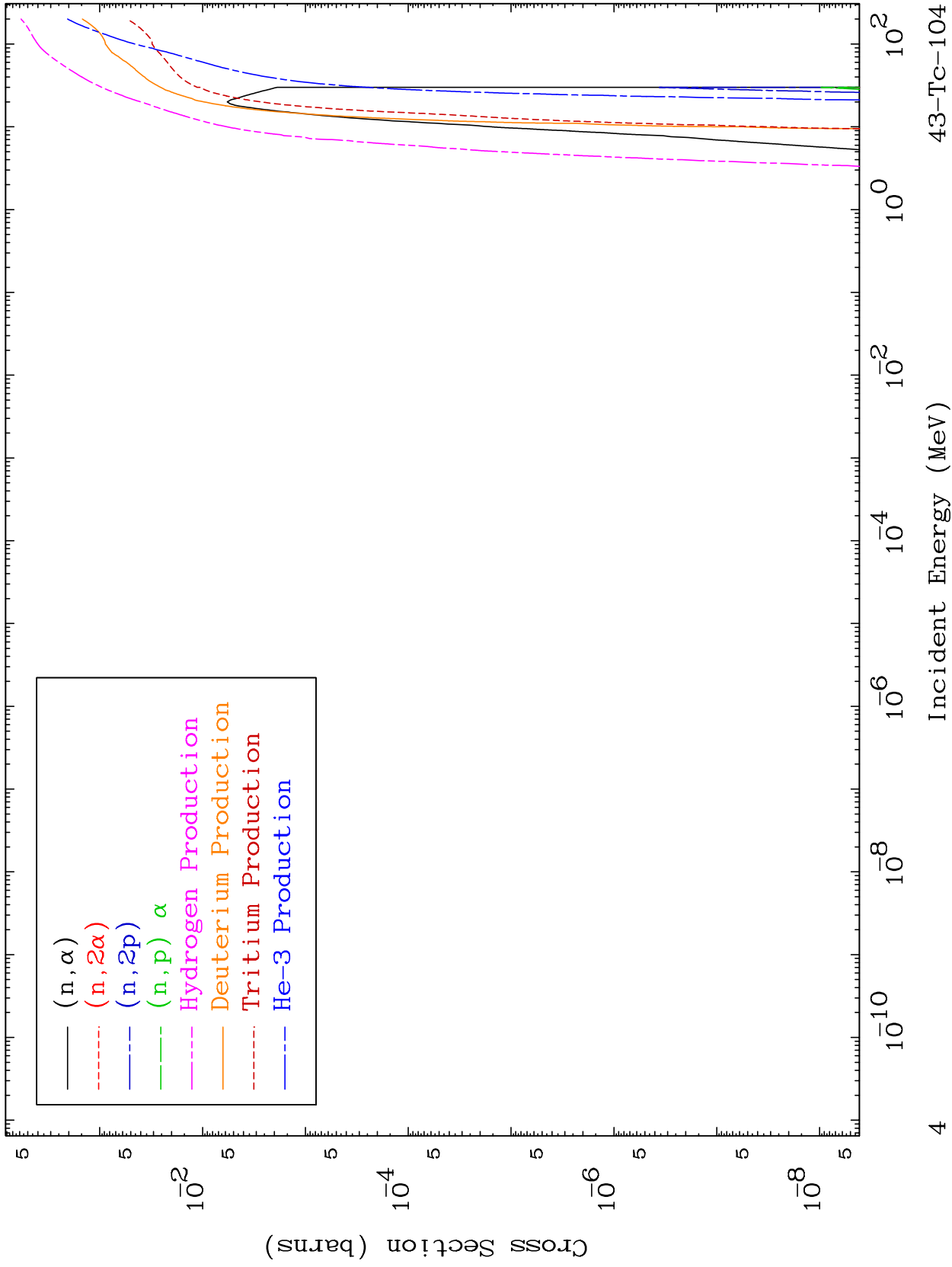
43-Tc-104



MAT 4340

Neutron Absorption
293 Kelvin Cross Sections

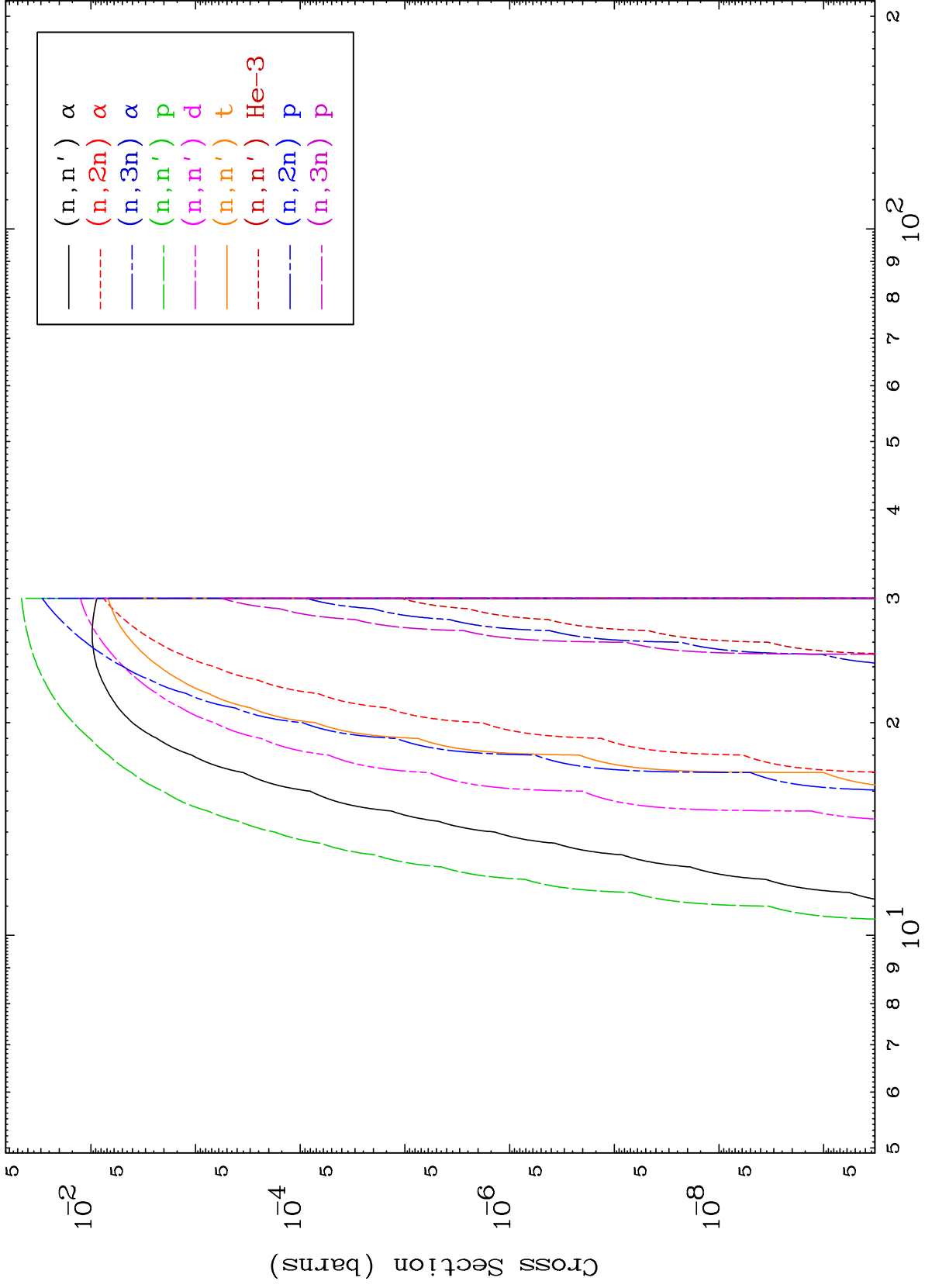
43-Tc-104



MAT 4340

Charged Particle
293 Kelvin Cross Sections

43-Tc-104



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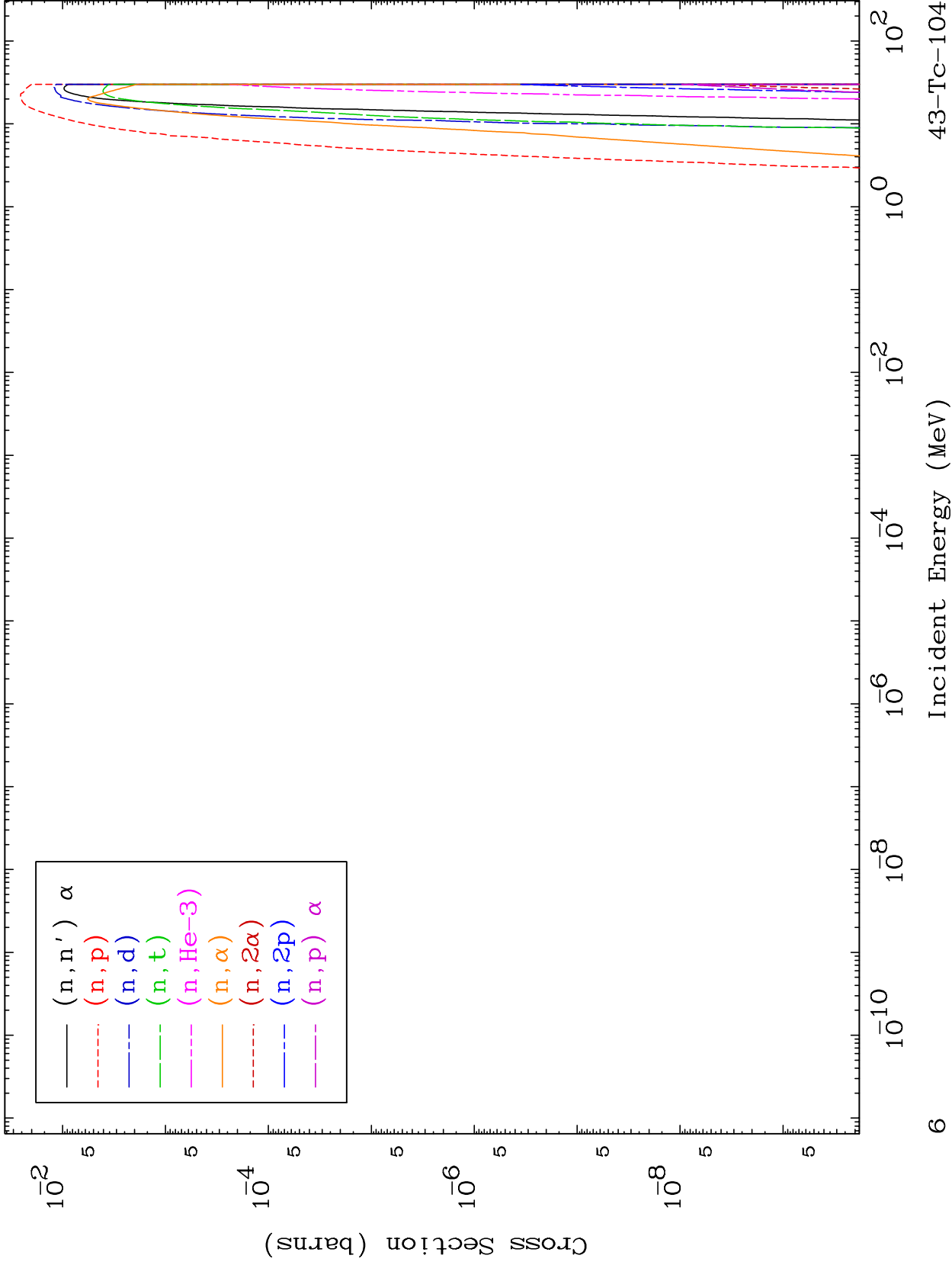
Incident Energy (MeV)

43-Tc-104

MAT 4340

Charged Particle
293 Kelvin Cross Sections

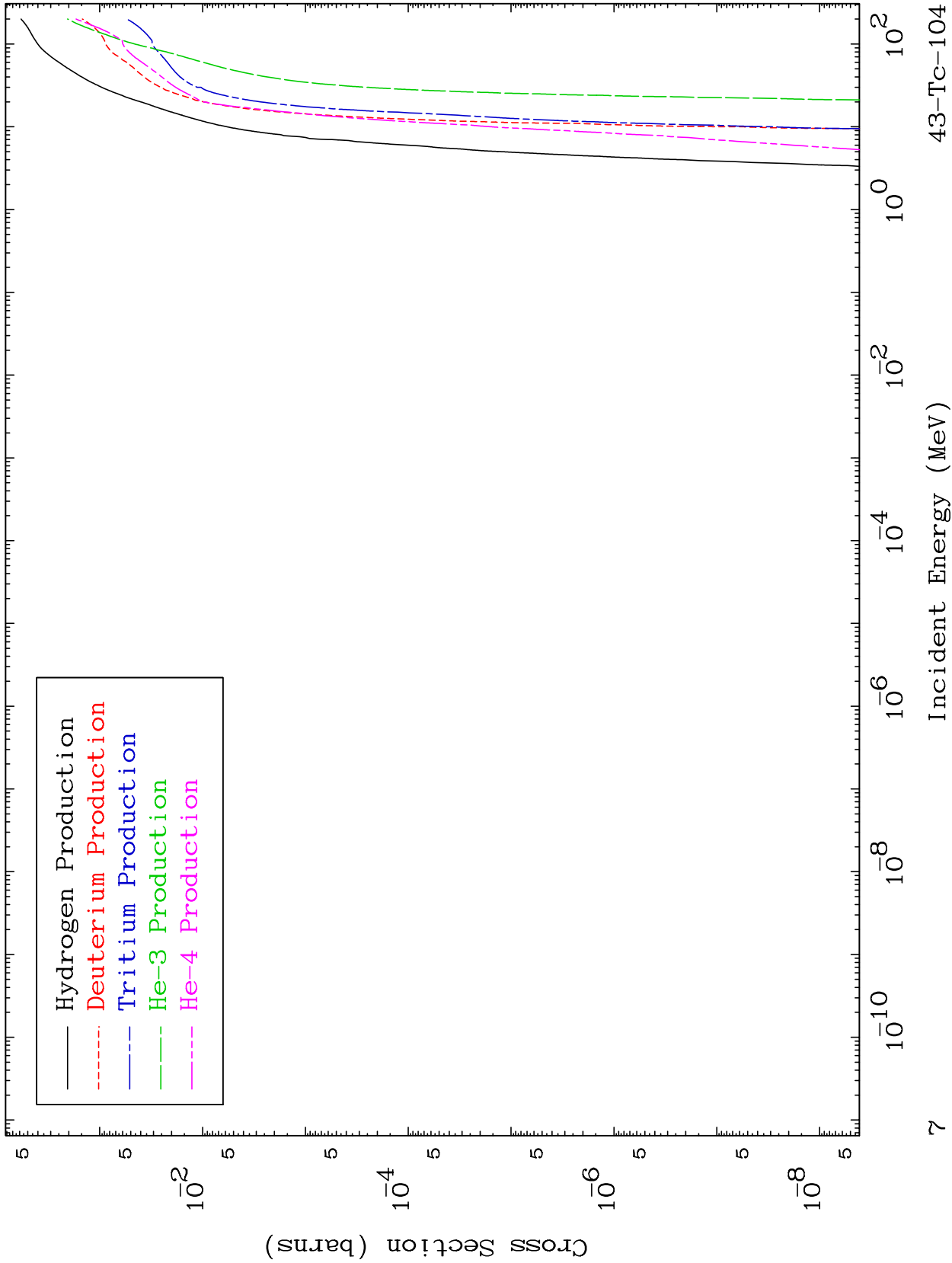
43-Tc-104



MAT 4340

Particle Production
293 Kelvin Cross Sections

43-Tc-104

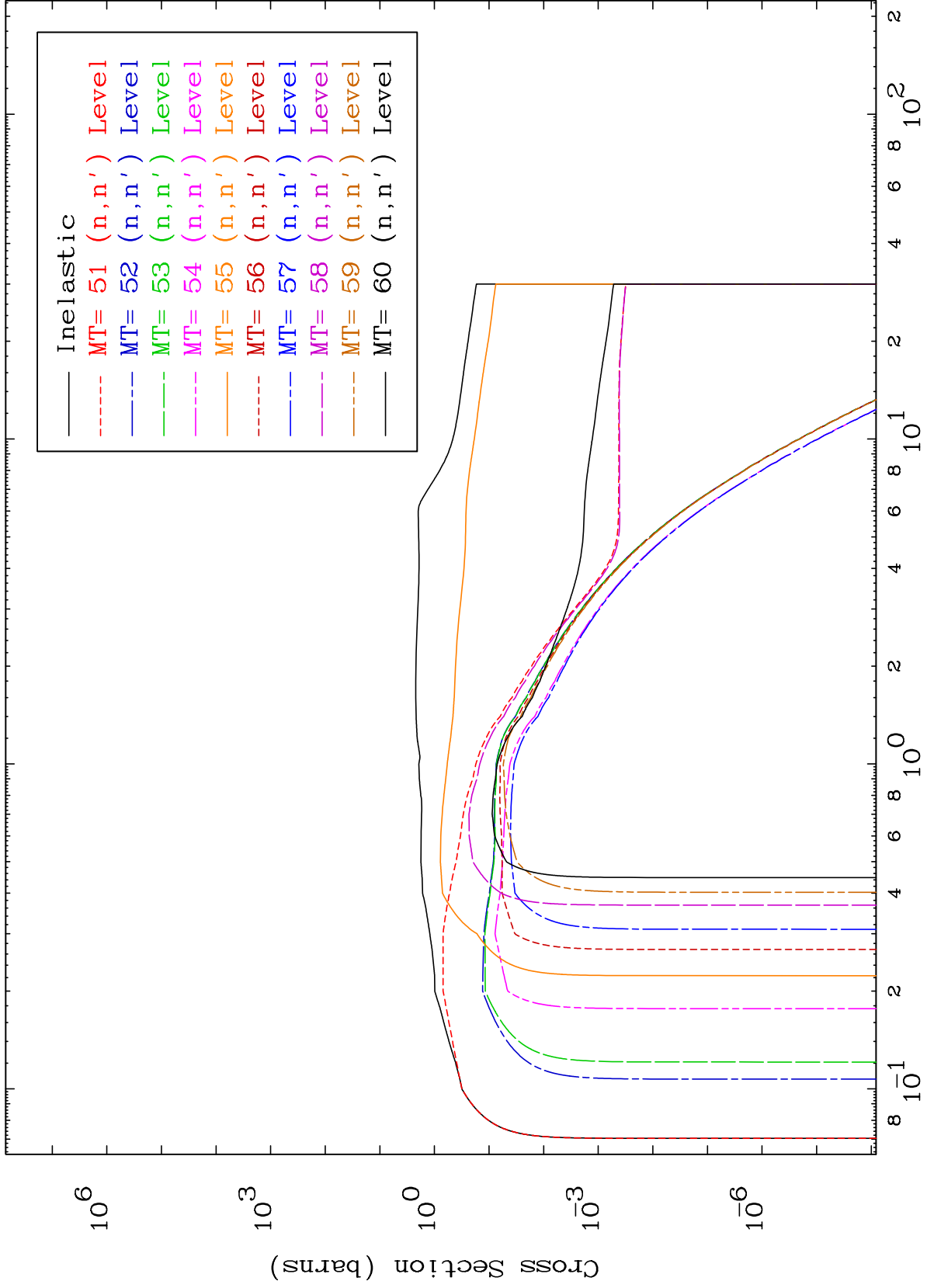


MAT 4340

(n,n') Levels

43-Tc-104

293 Kelvin Cross Sections



8

Incident Energy (MeV)

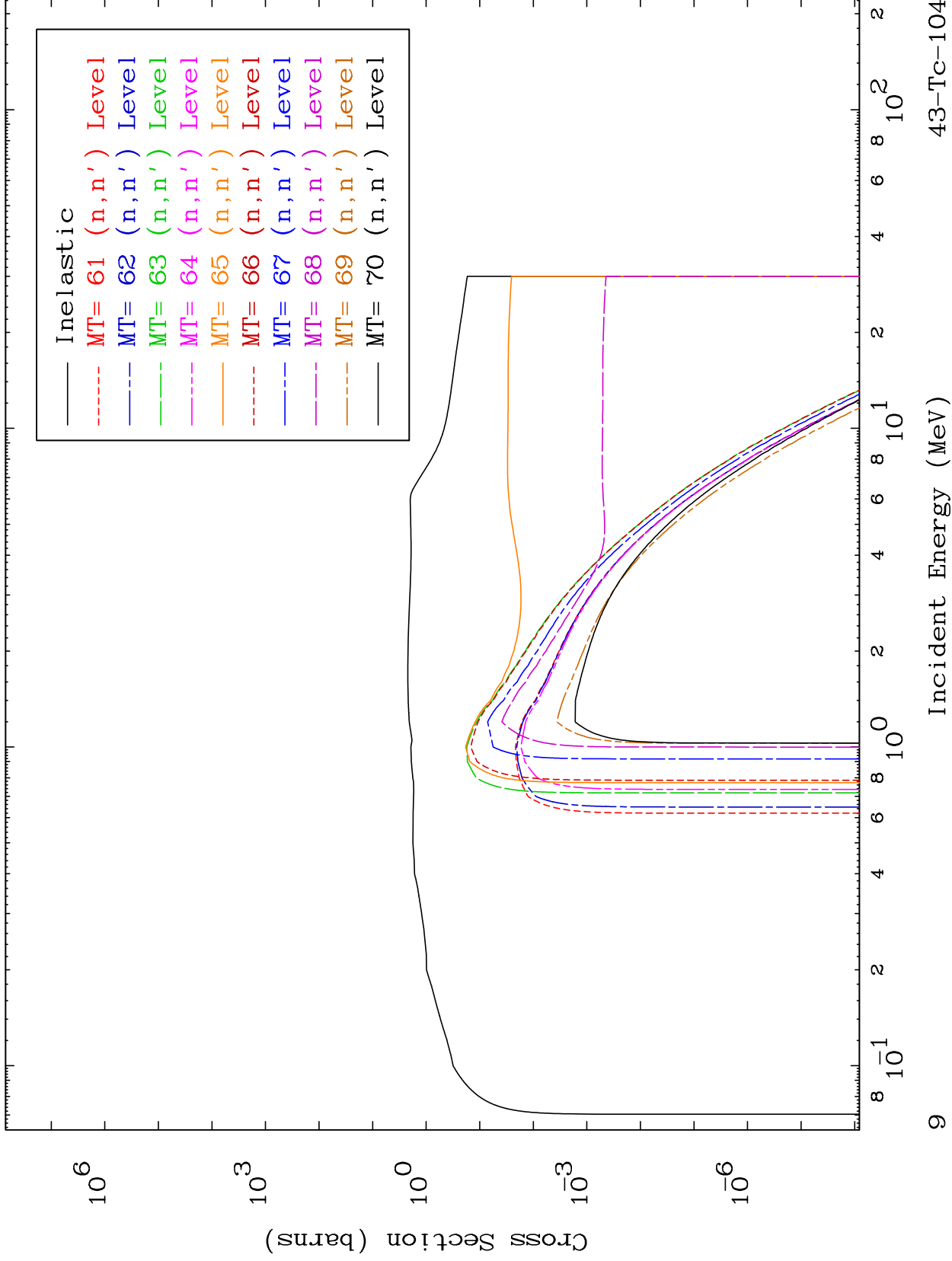
43-Tc-104

MAT 4340

(n,n') Levels

43-Tc-104

293 Kelvin Cross Sections

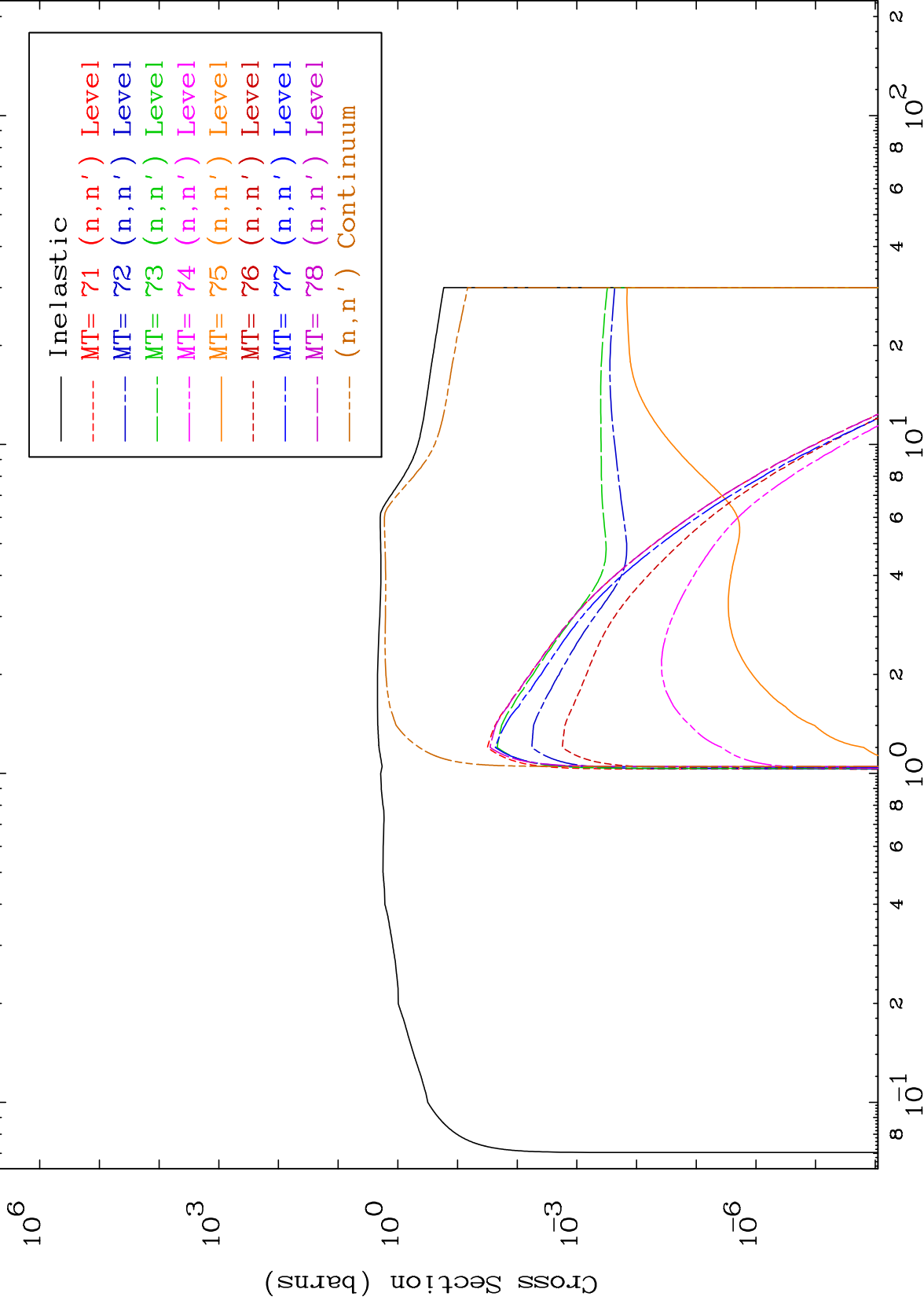


MAT 4340

(n,n') Levels

293 Kelvin Cross Sections

43-Tc-104



10

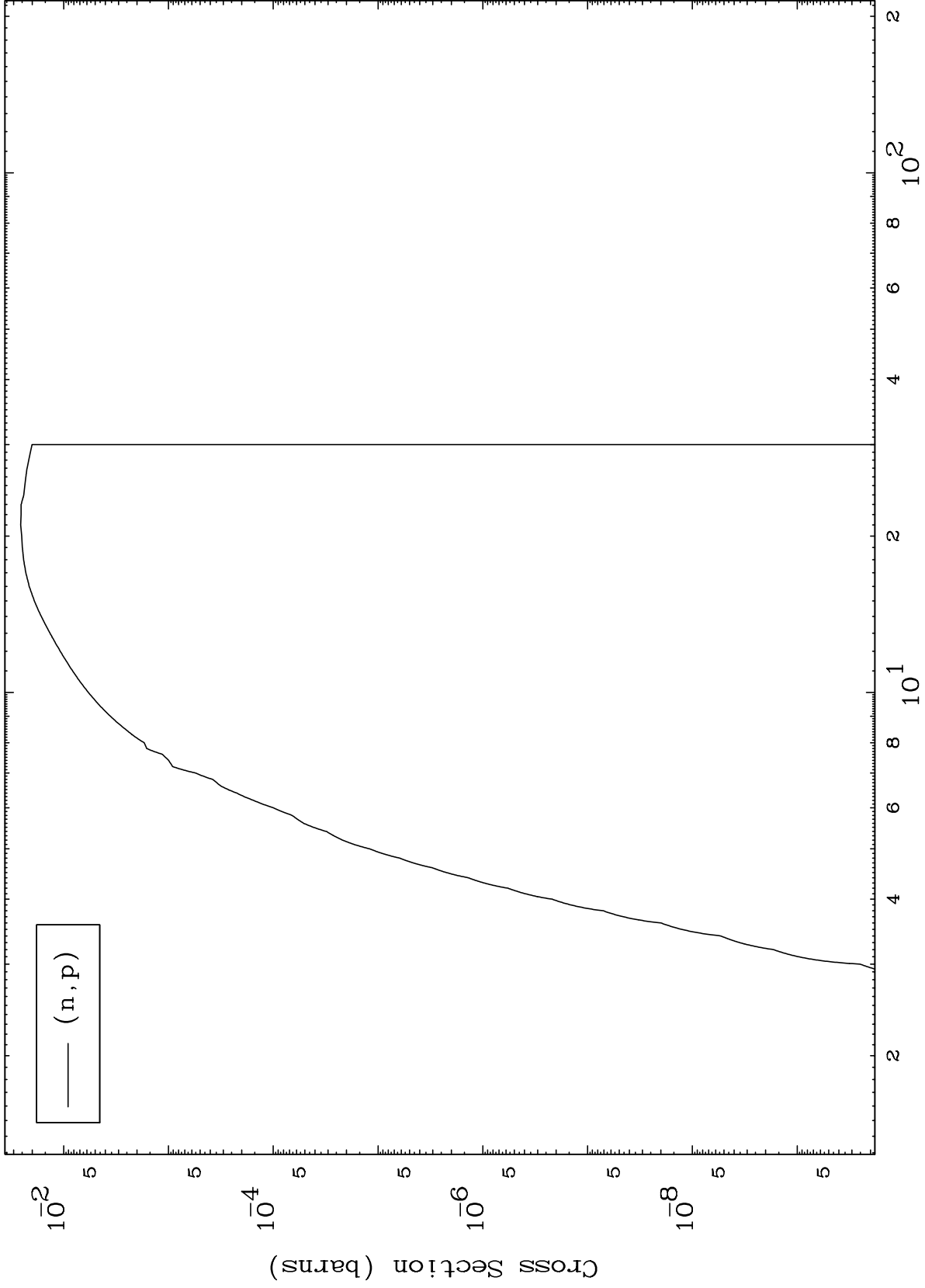
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,p) Levels
293 Kelvin Cross Sections

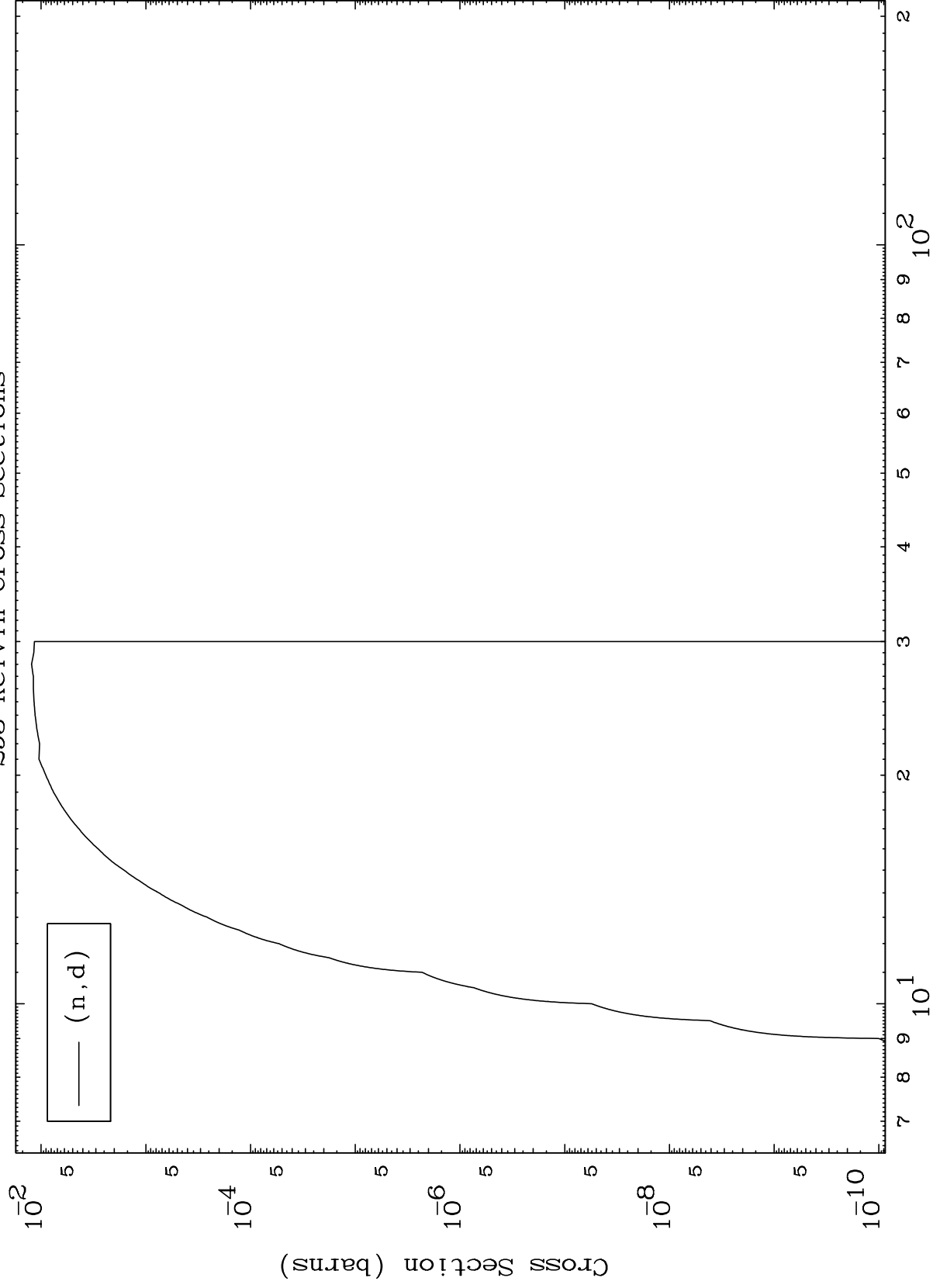
43-Tc-104



MAT 4340

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-104



12

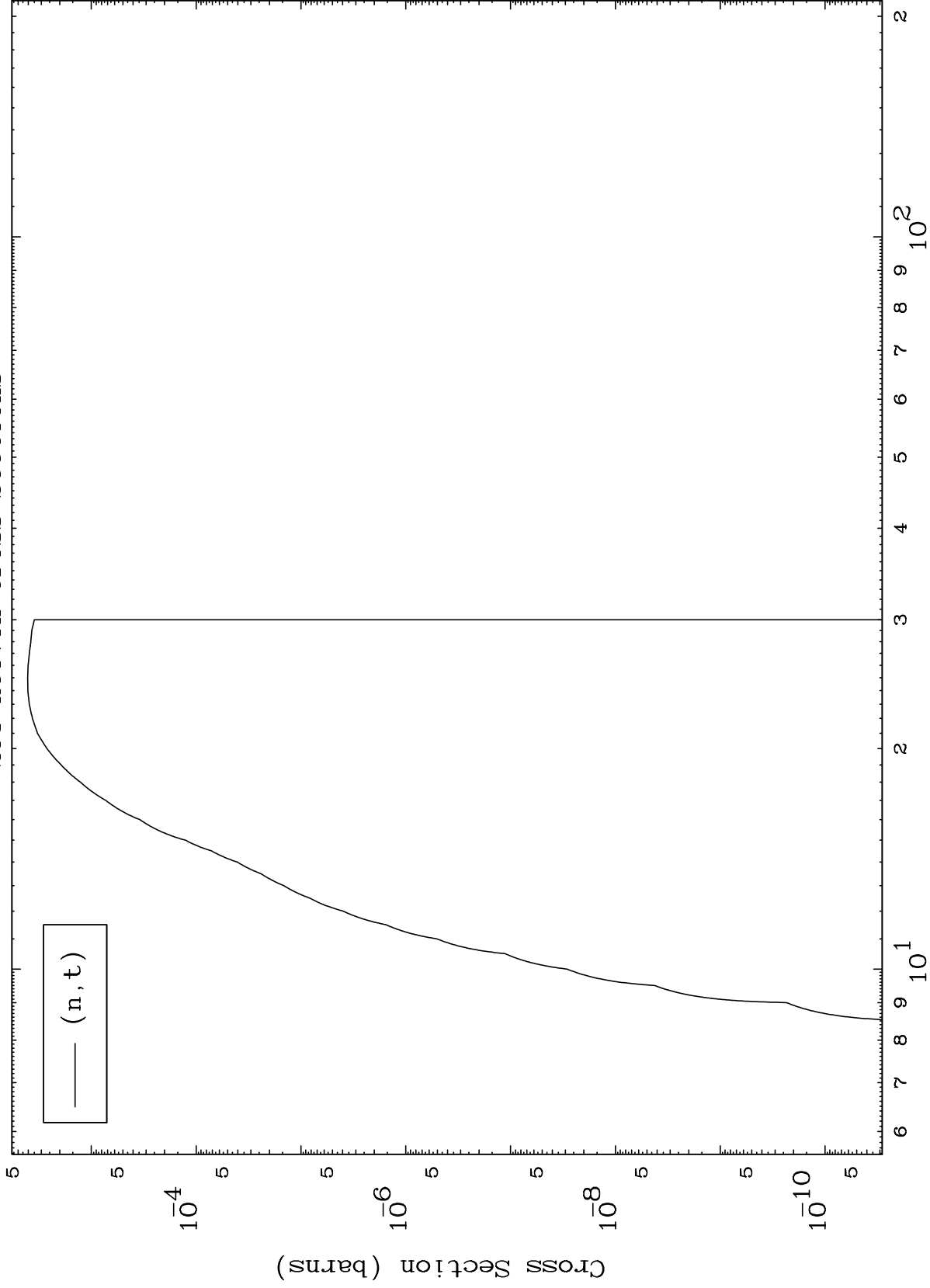
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n, t) Levels
293 Kelvin Cross Sections

43-Tc-104



13

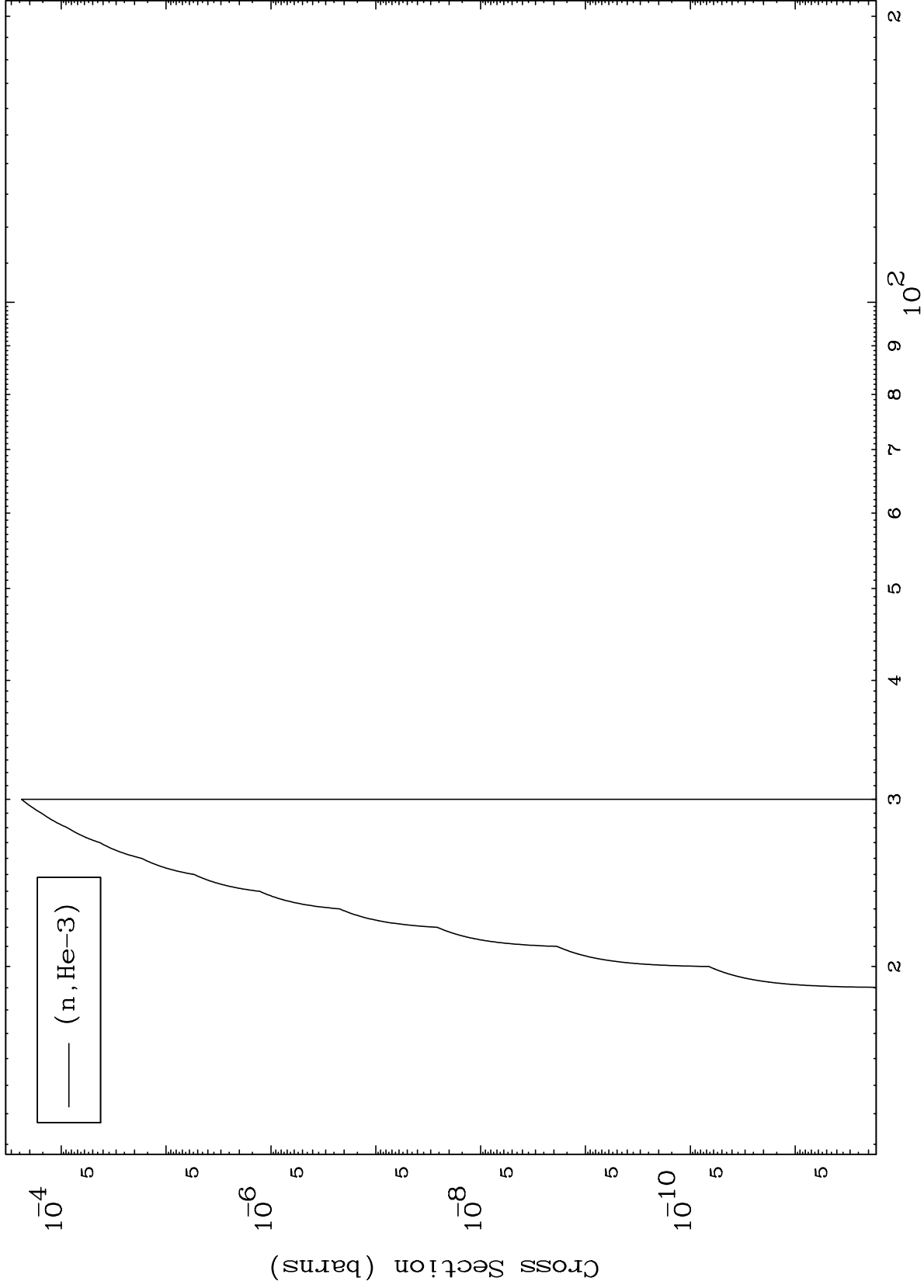
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-104



14

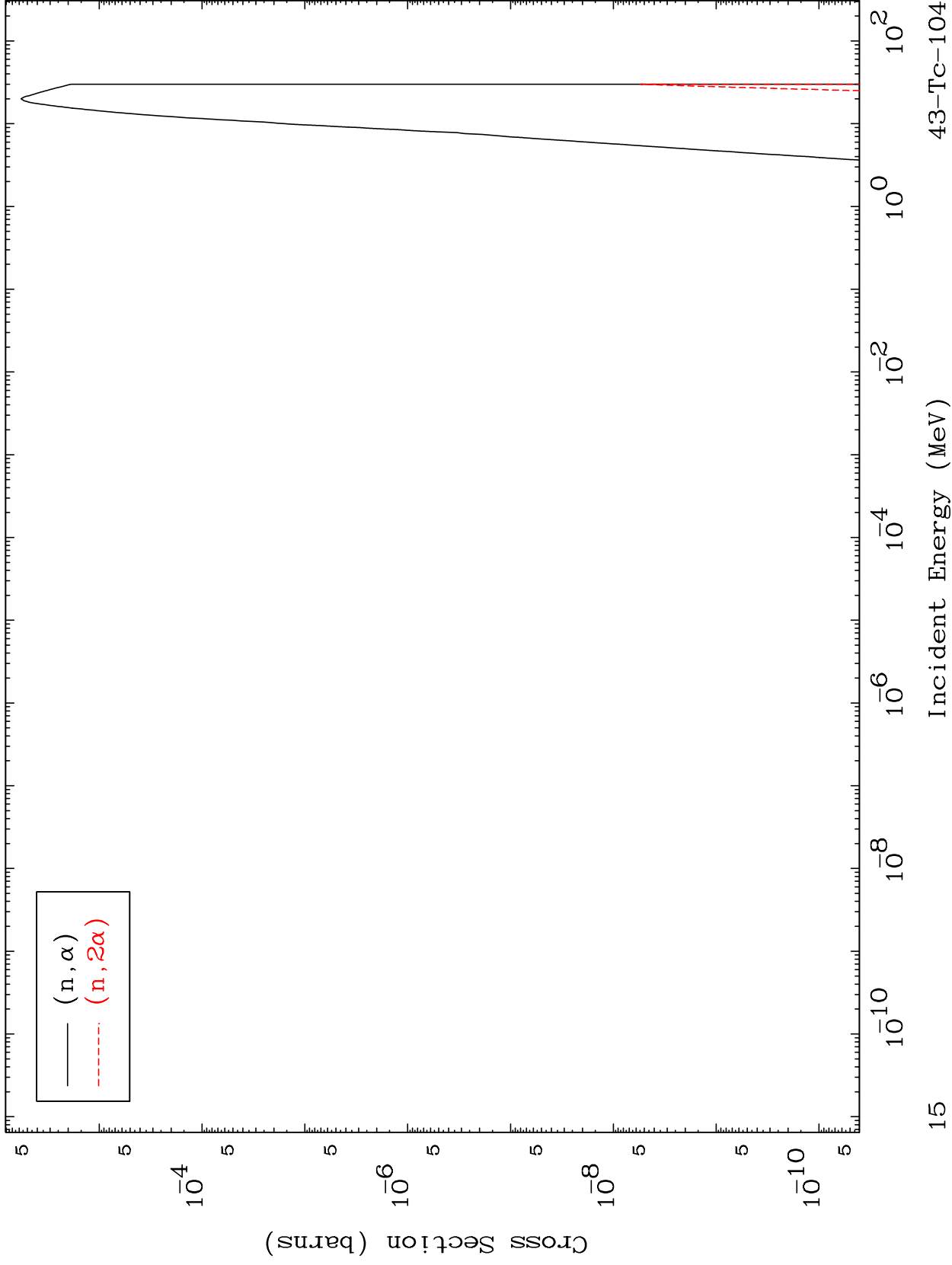
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n, α) Levels
293 Kelvin Cross Sections

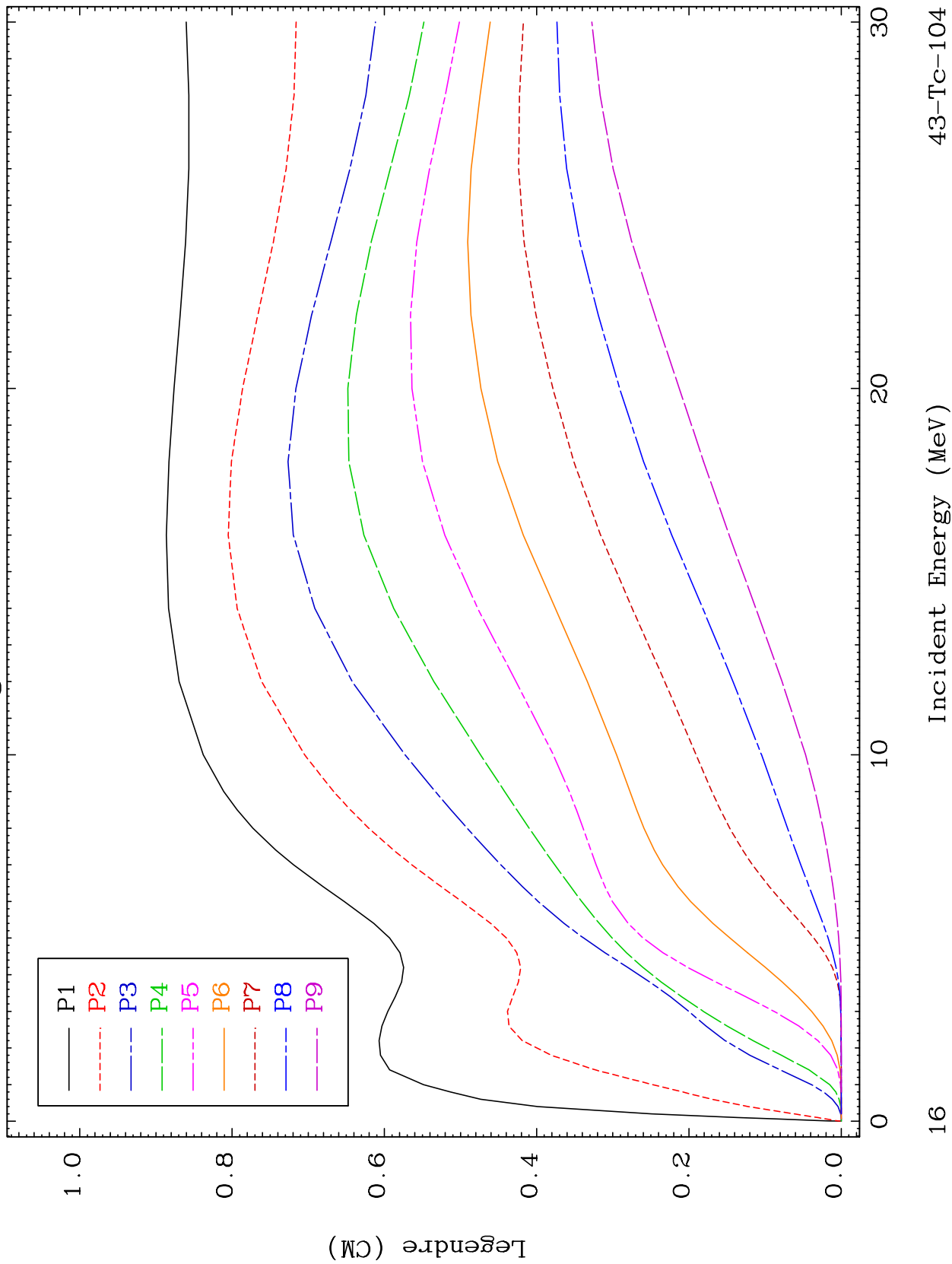
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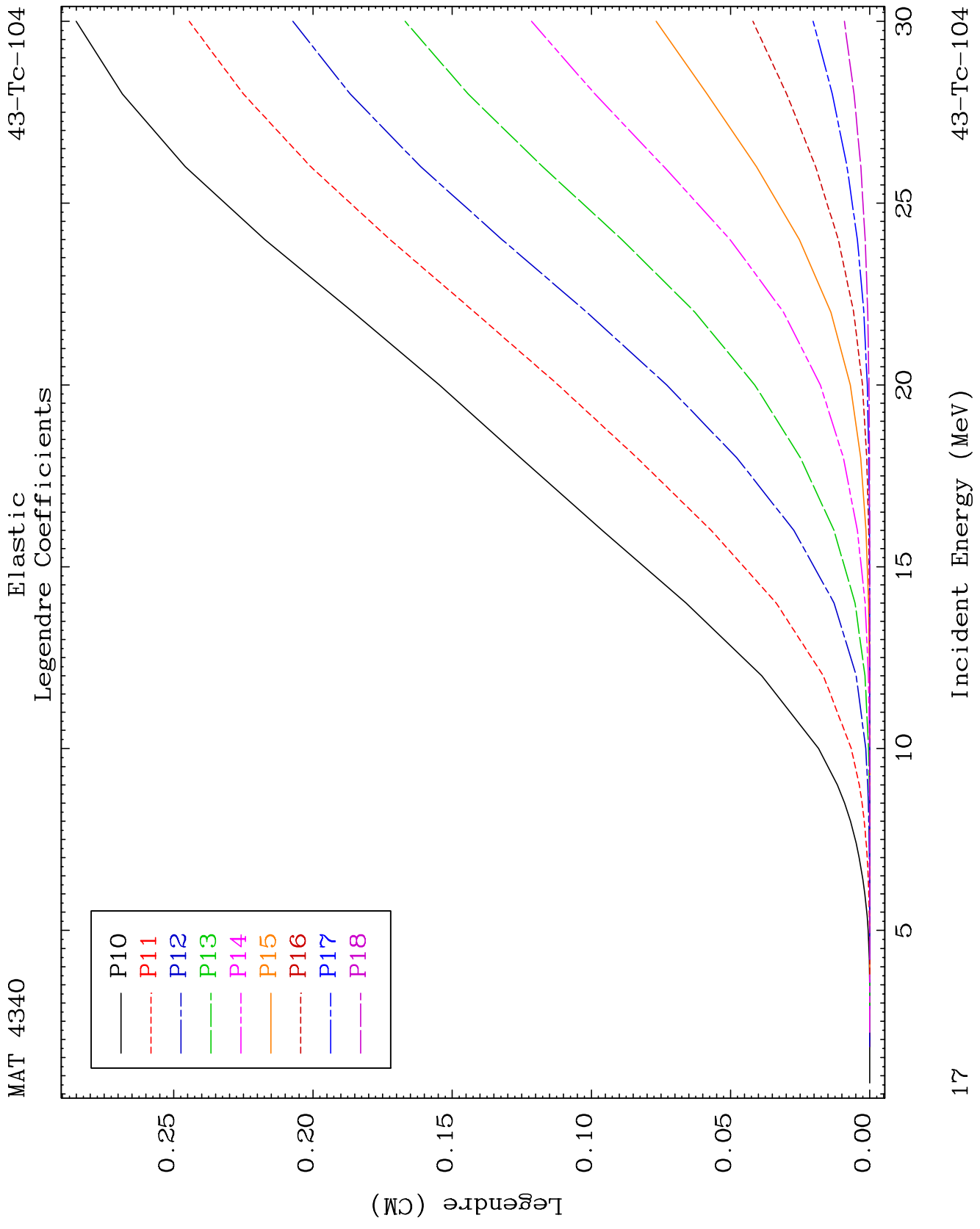
MAT 4340

Elastic Legendre Coefficients

43-Tc-104



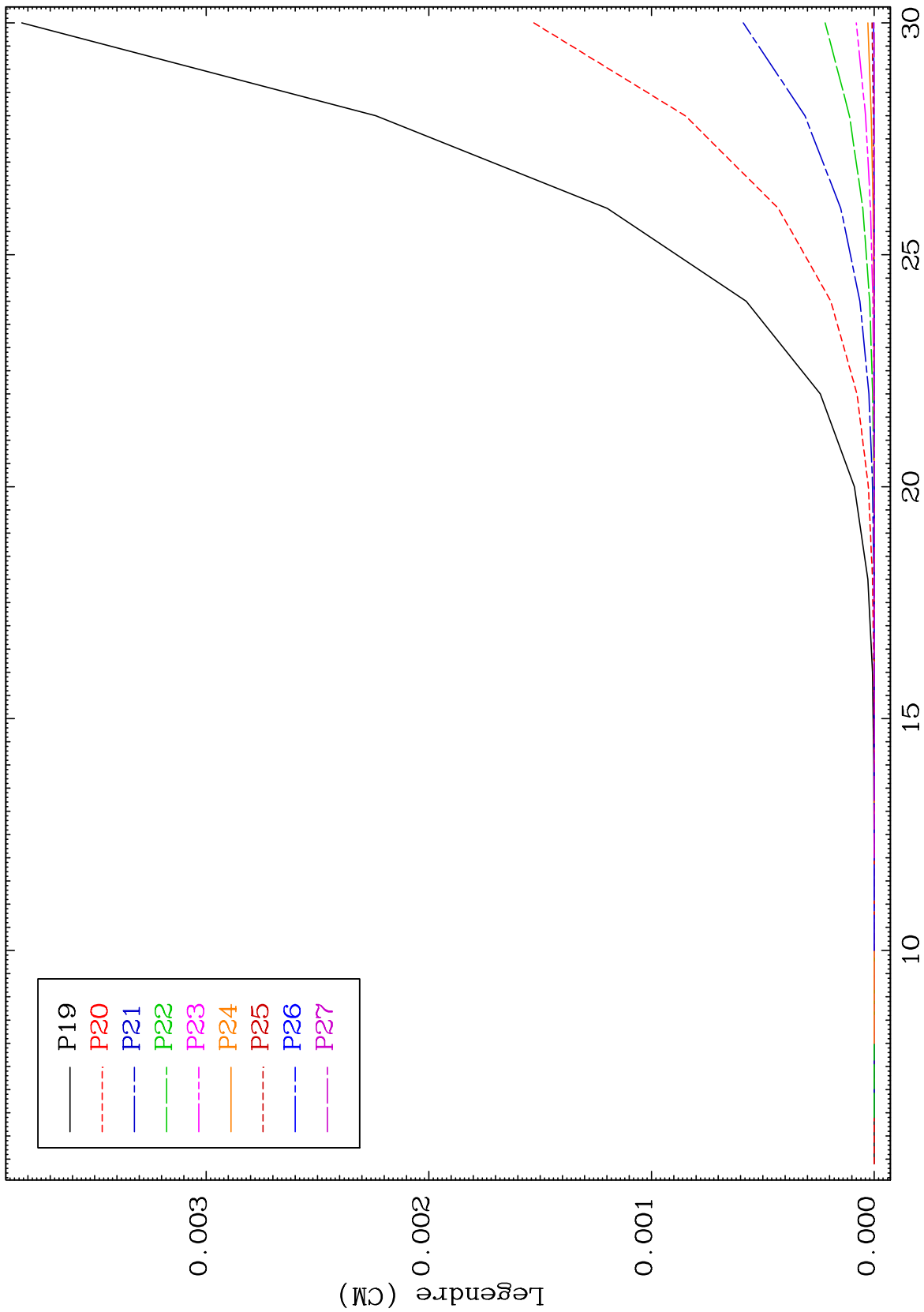
16



MAT 4340

Elastic
Legendre Coefficients

43-Tc-104



18

Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104

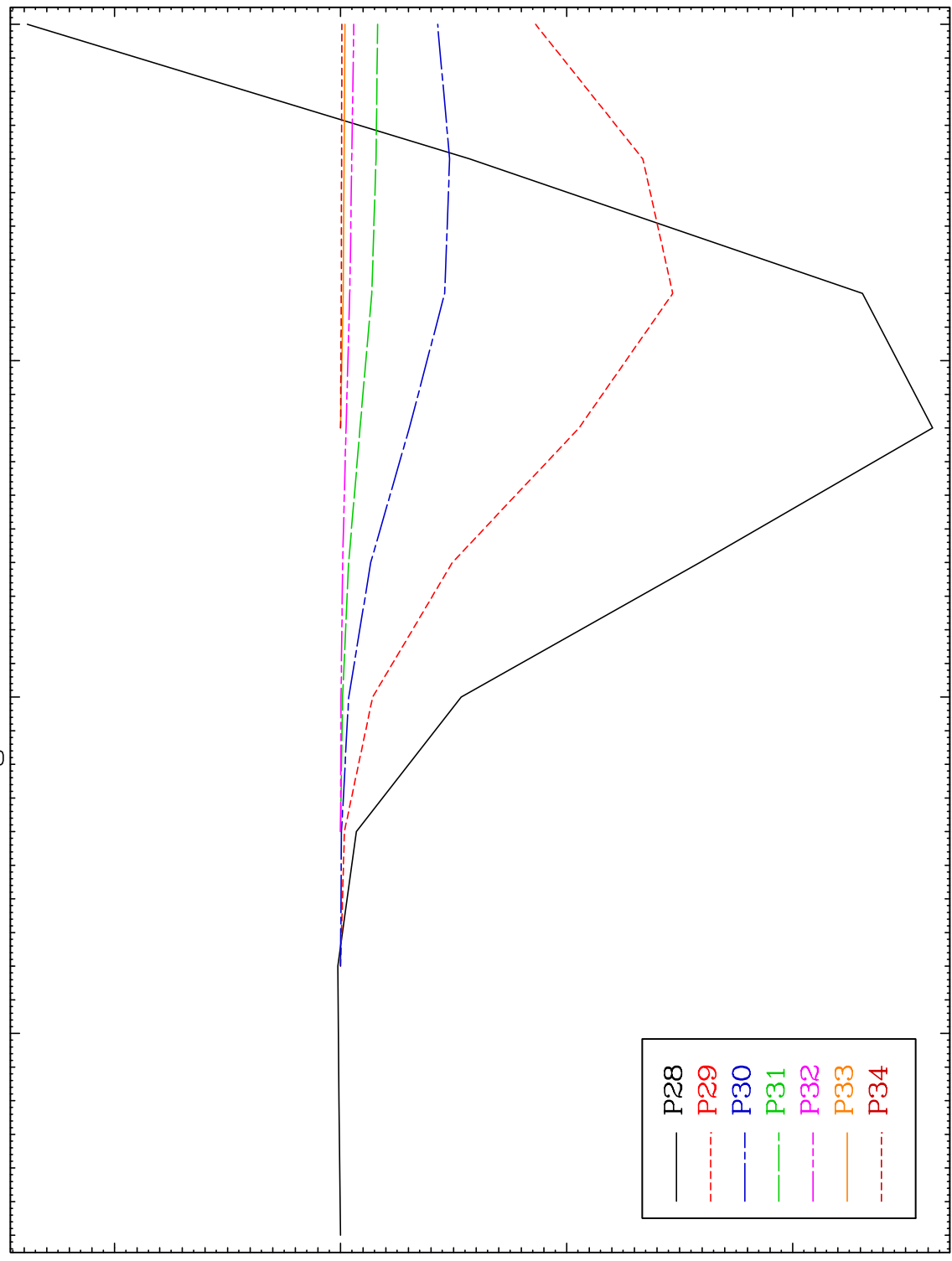
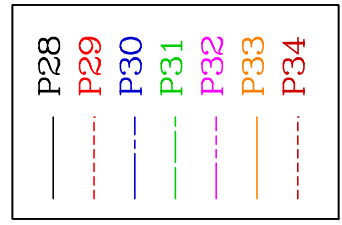
$\times 10^{-7}$
0.5

Legendre (CM)
0.0
-0.5
-1.0

15 20 25 30

Incident Energy (MeV)

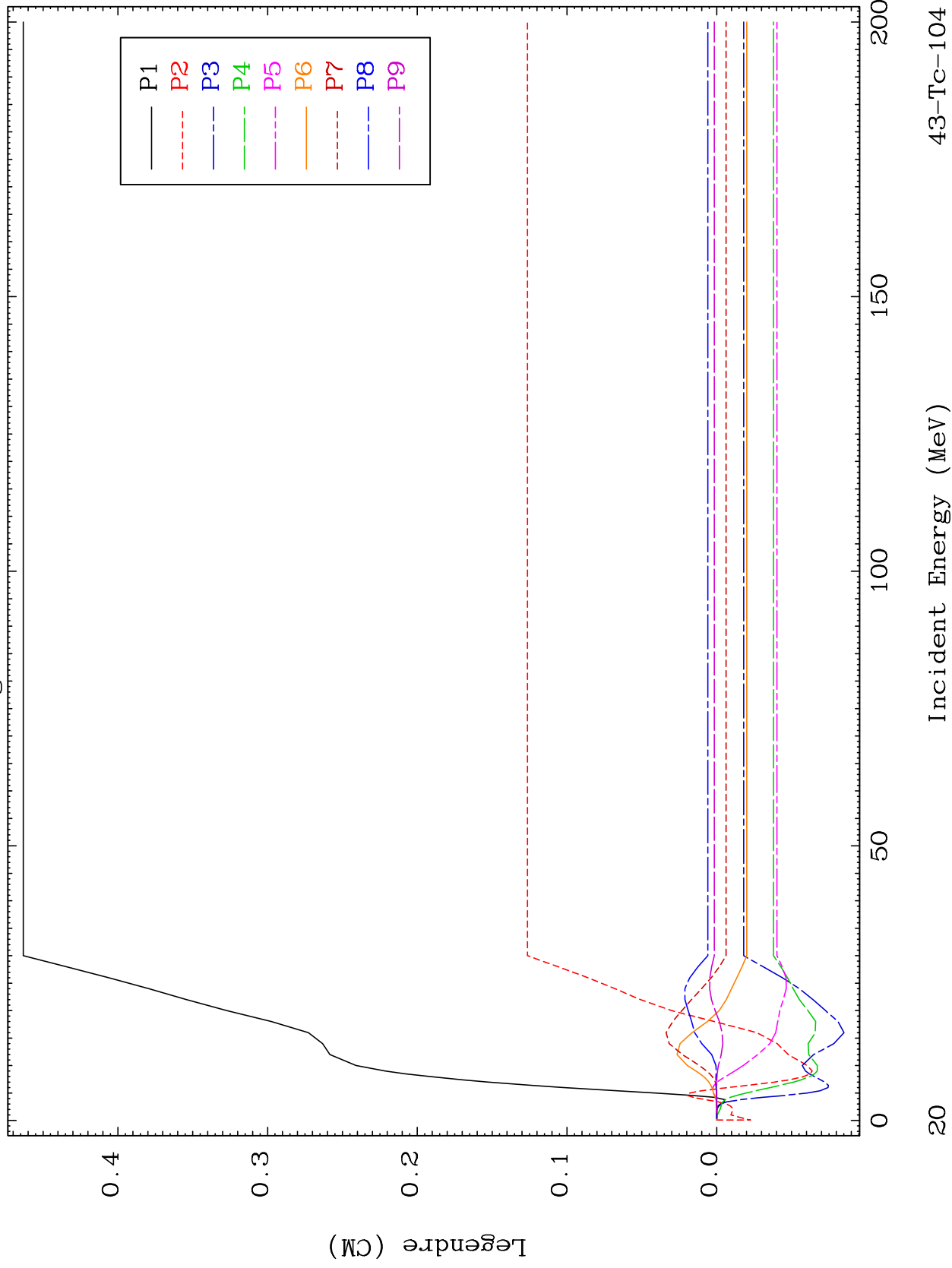
43-Tc-104



MAT 4340

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

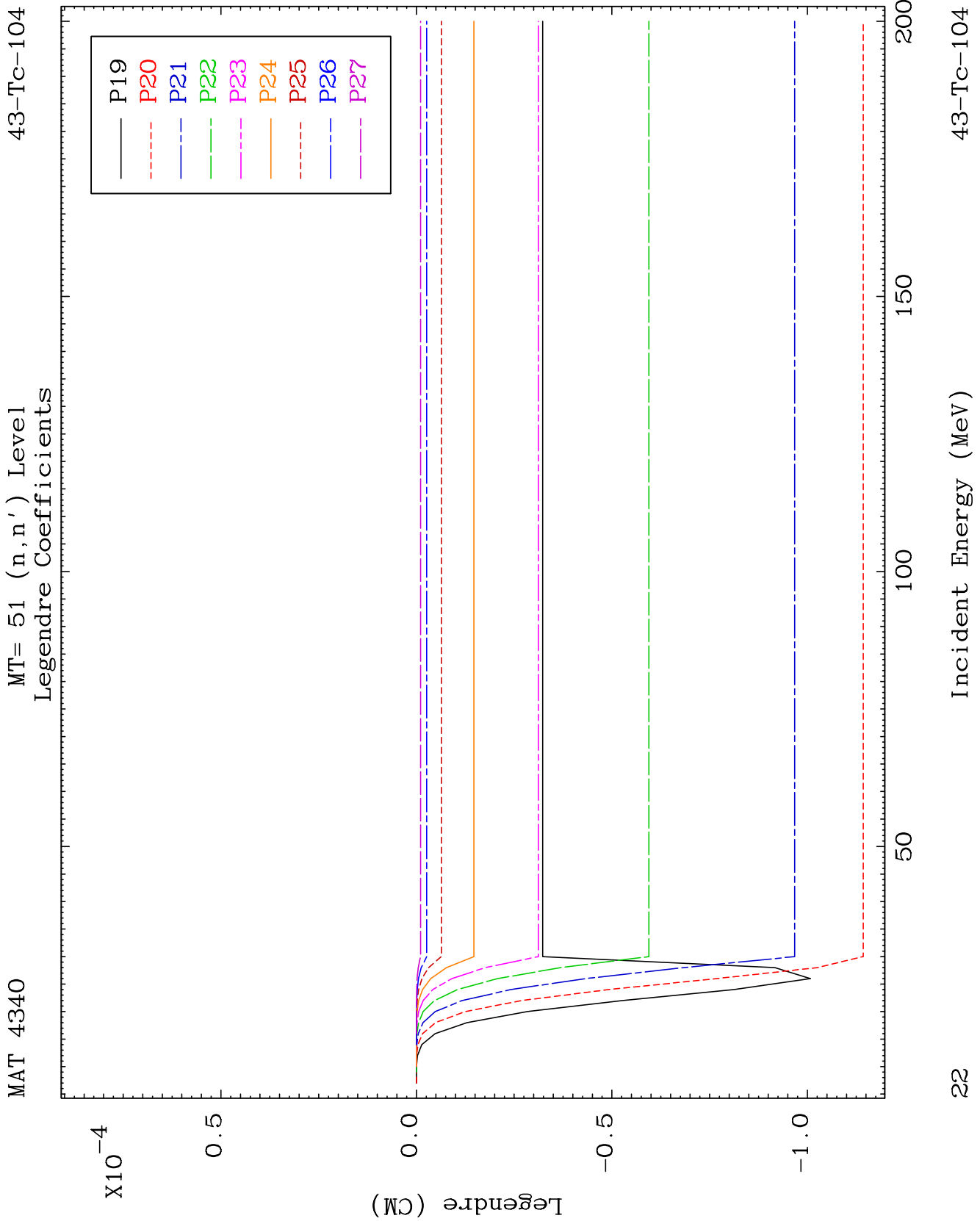
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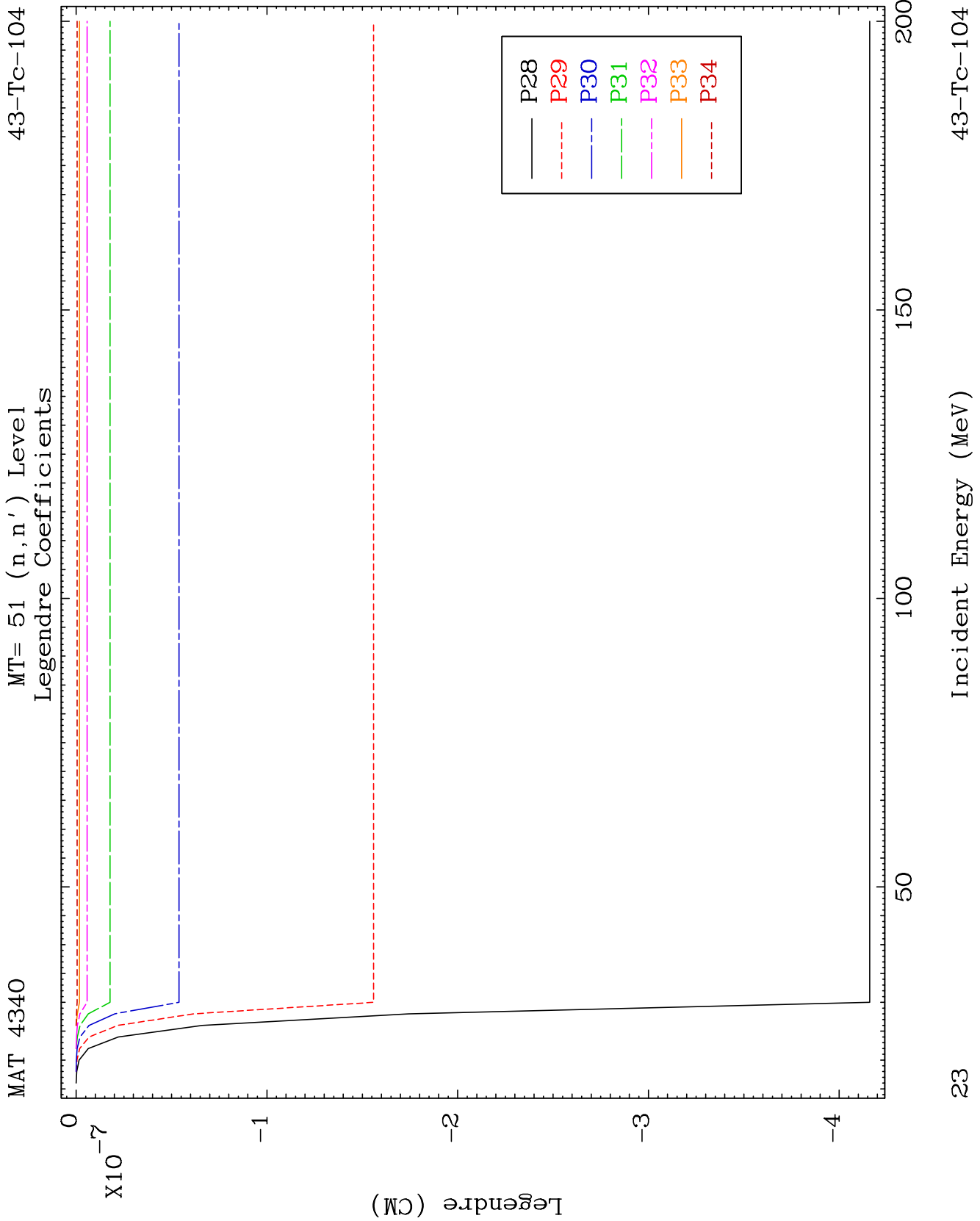


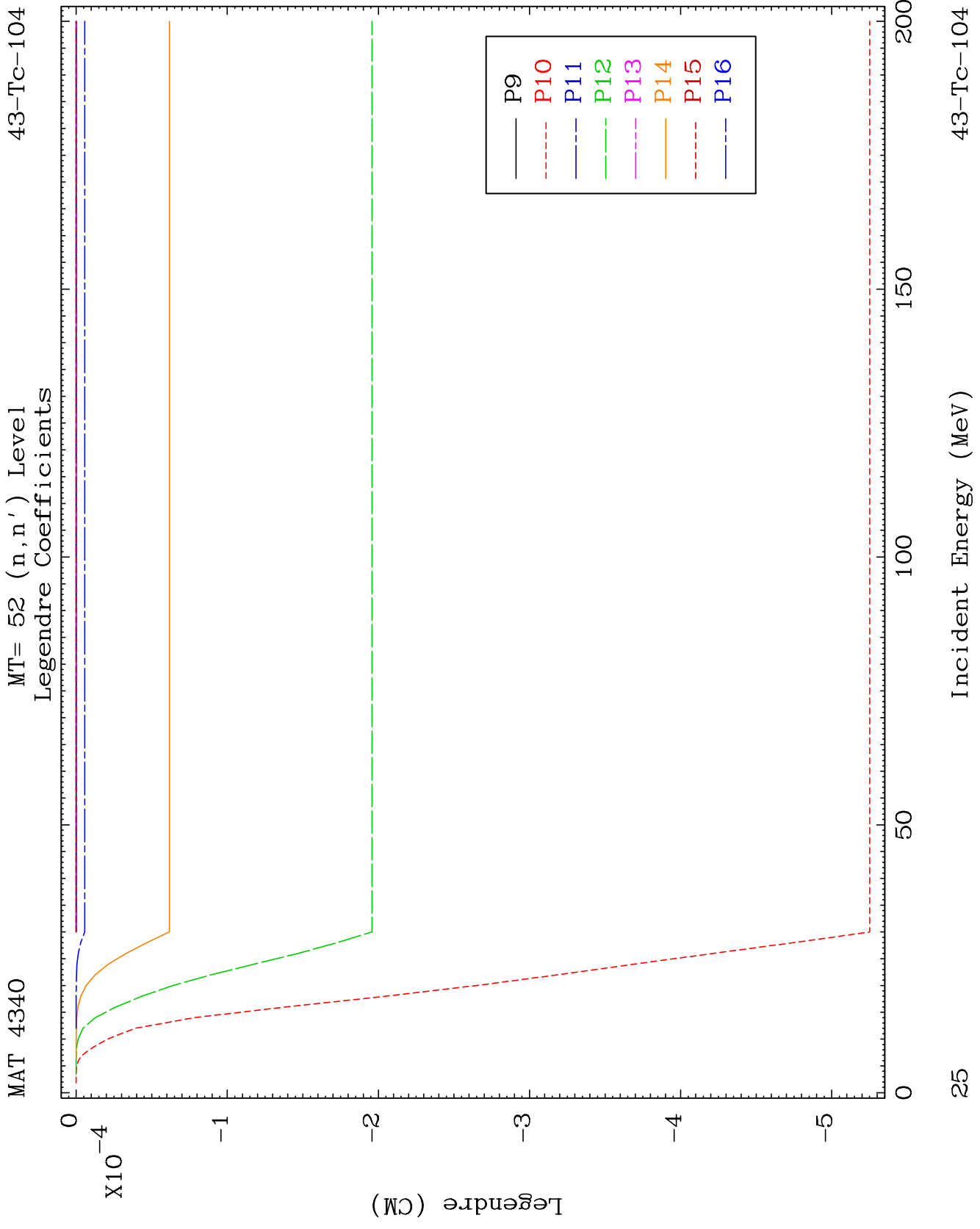
43-Tc-104

Incident Energy (MeV)

0



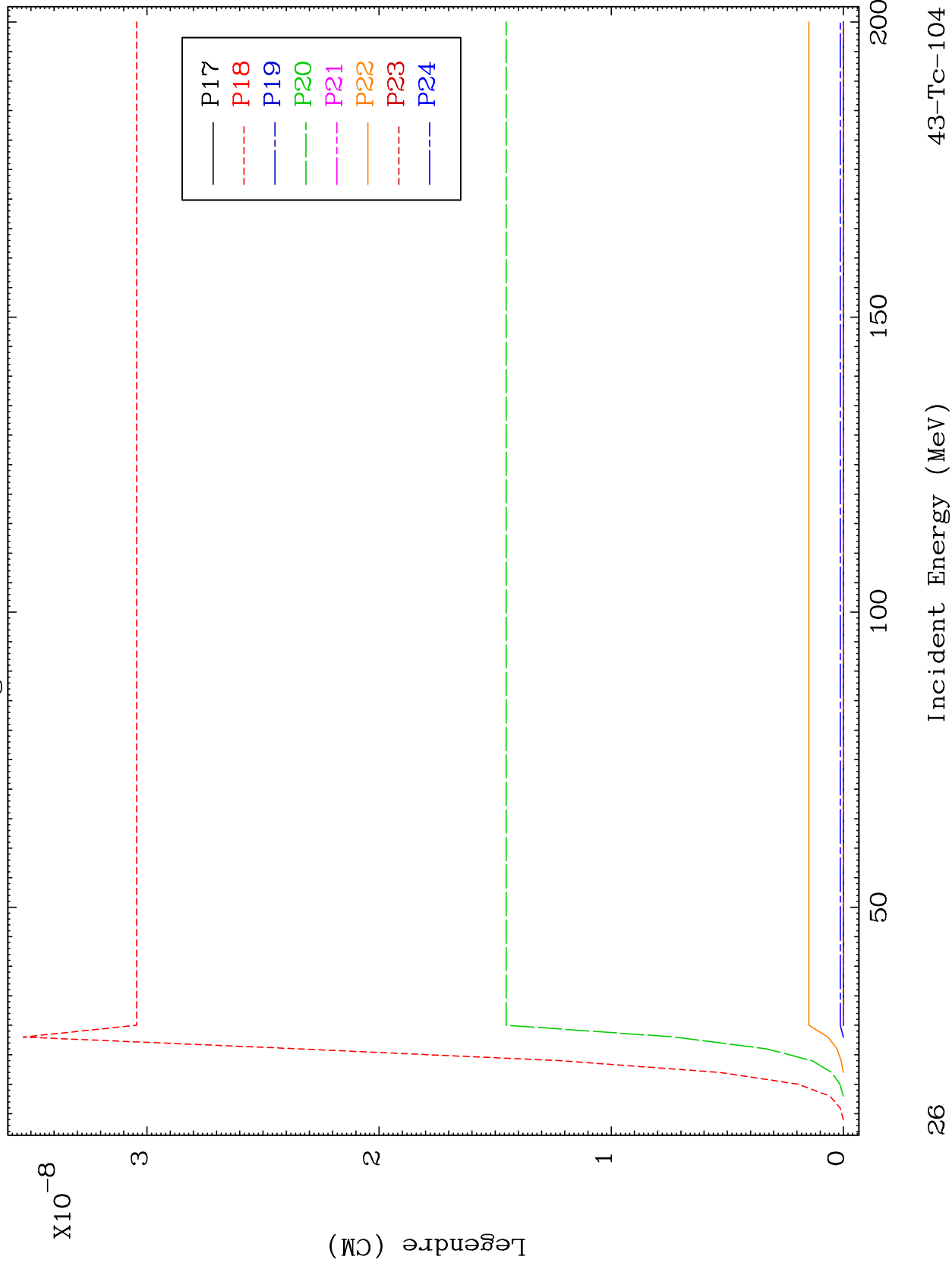




MAT 4340

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

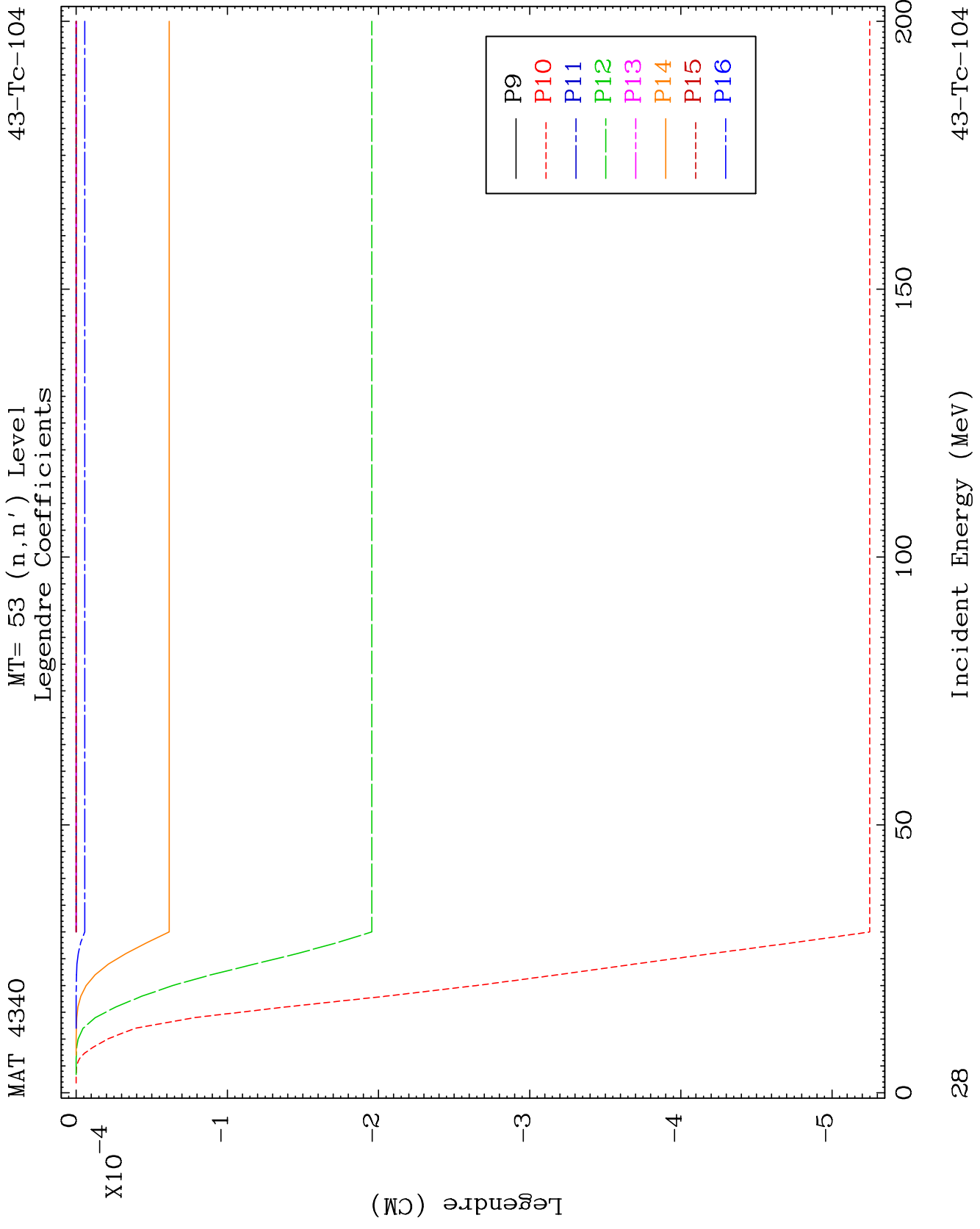
43-Tc-104



26

Incident Energy (MeV)

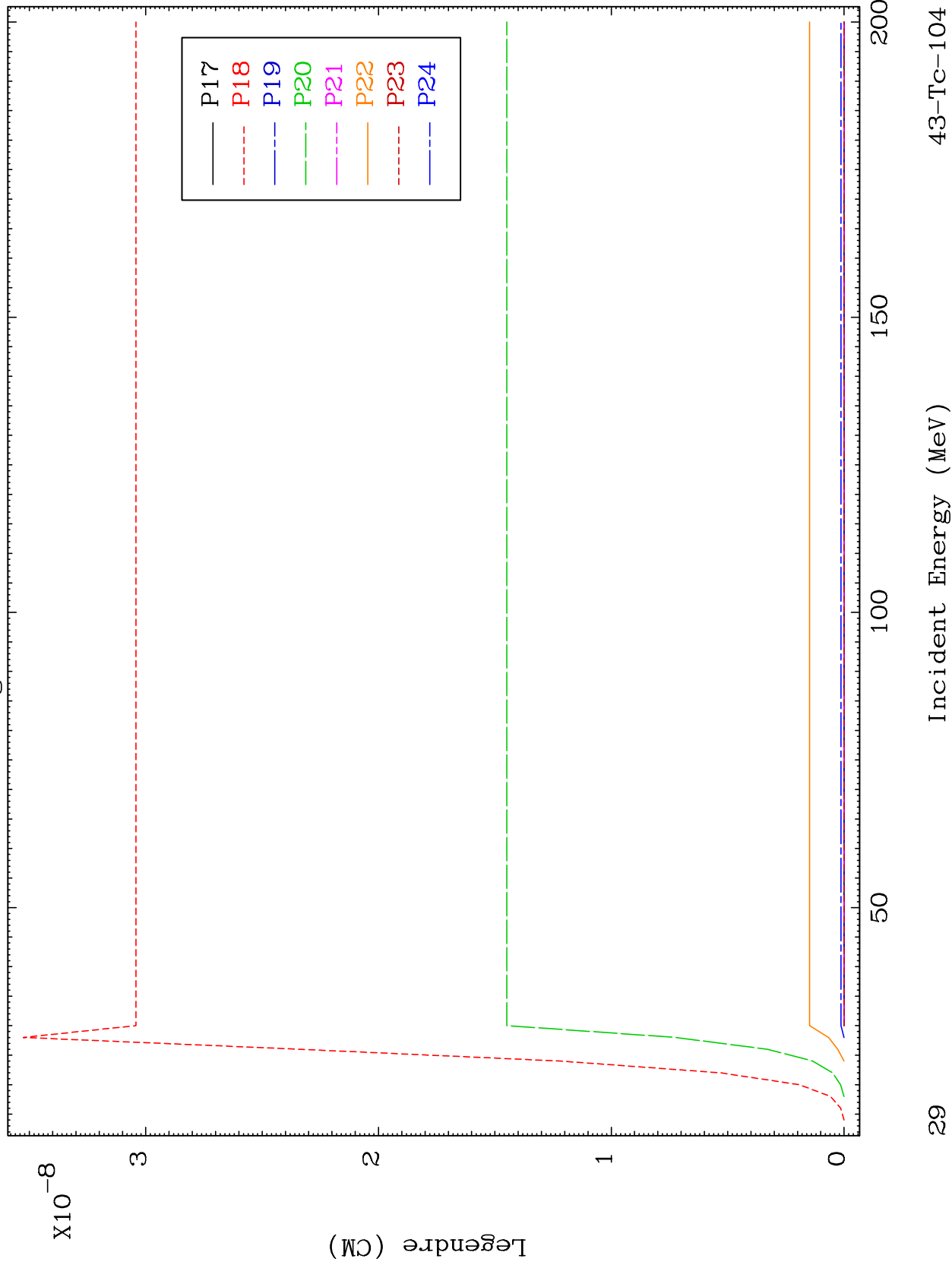
43-Tc-104



MAT 4340

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

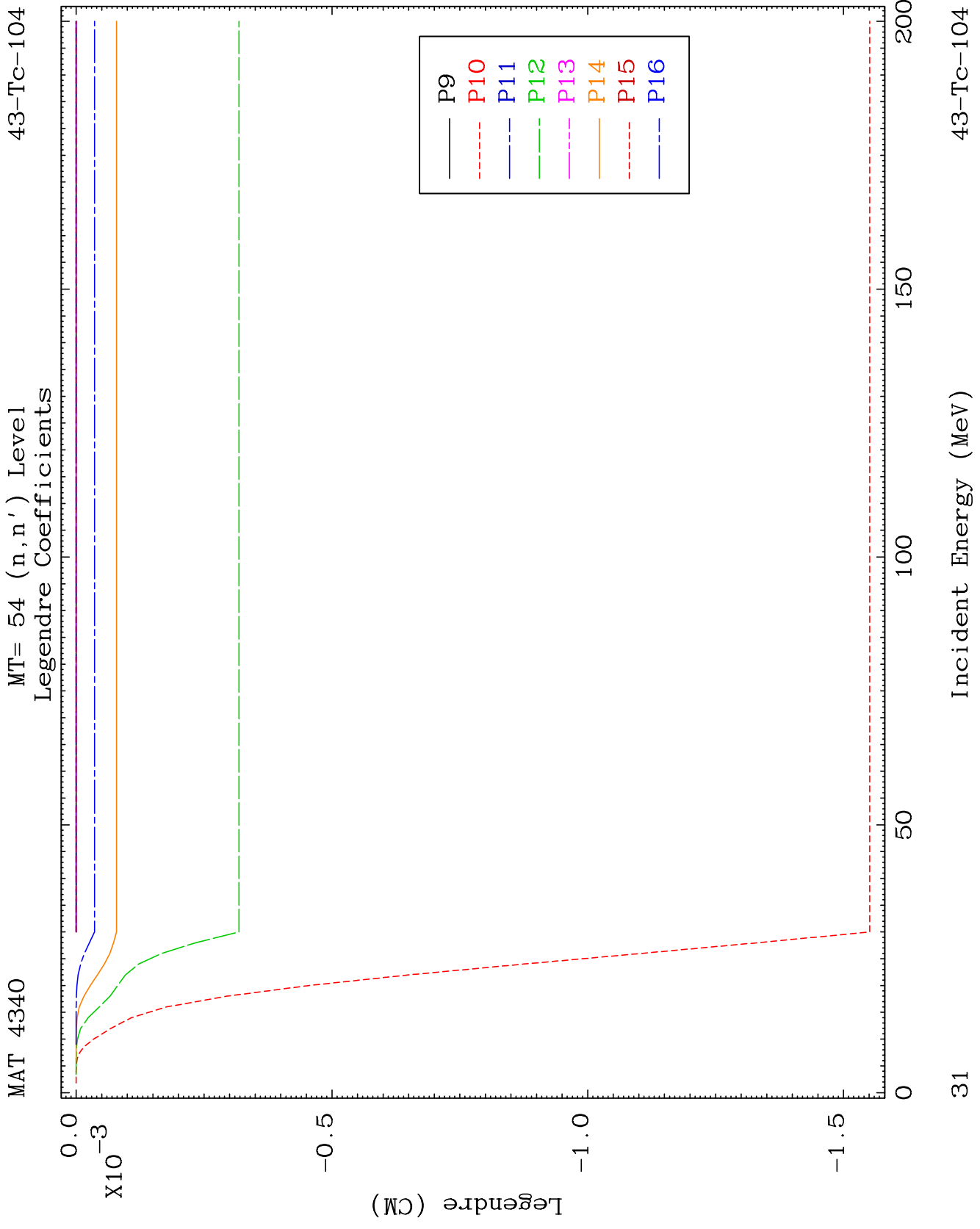
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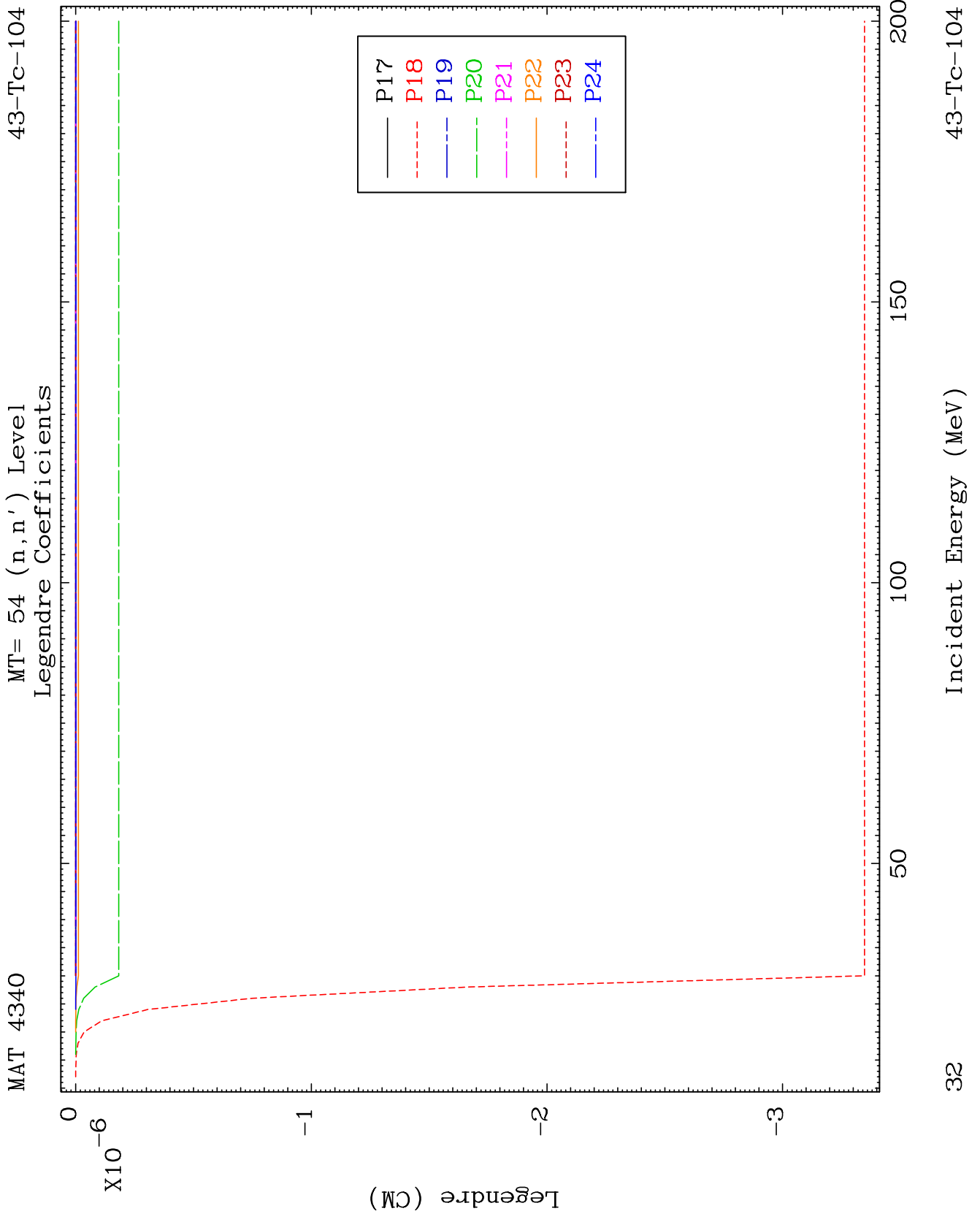


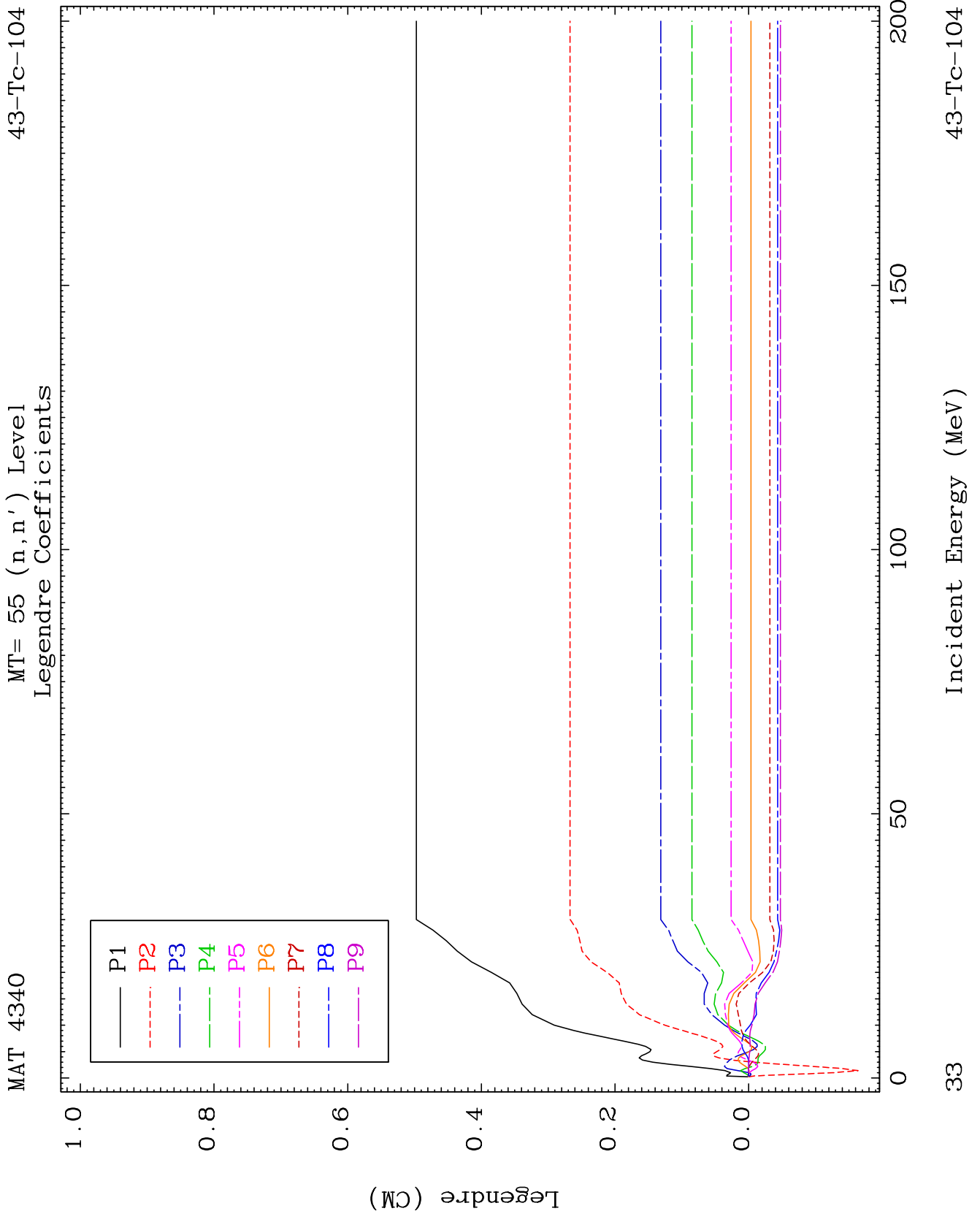
29

Incident Energy (MeV)

43-Tc-104



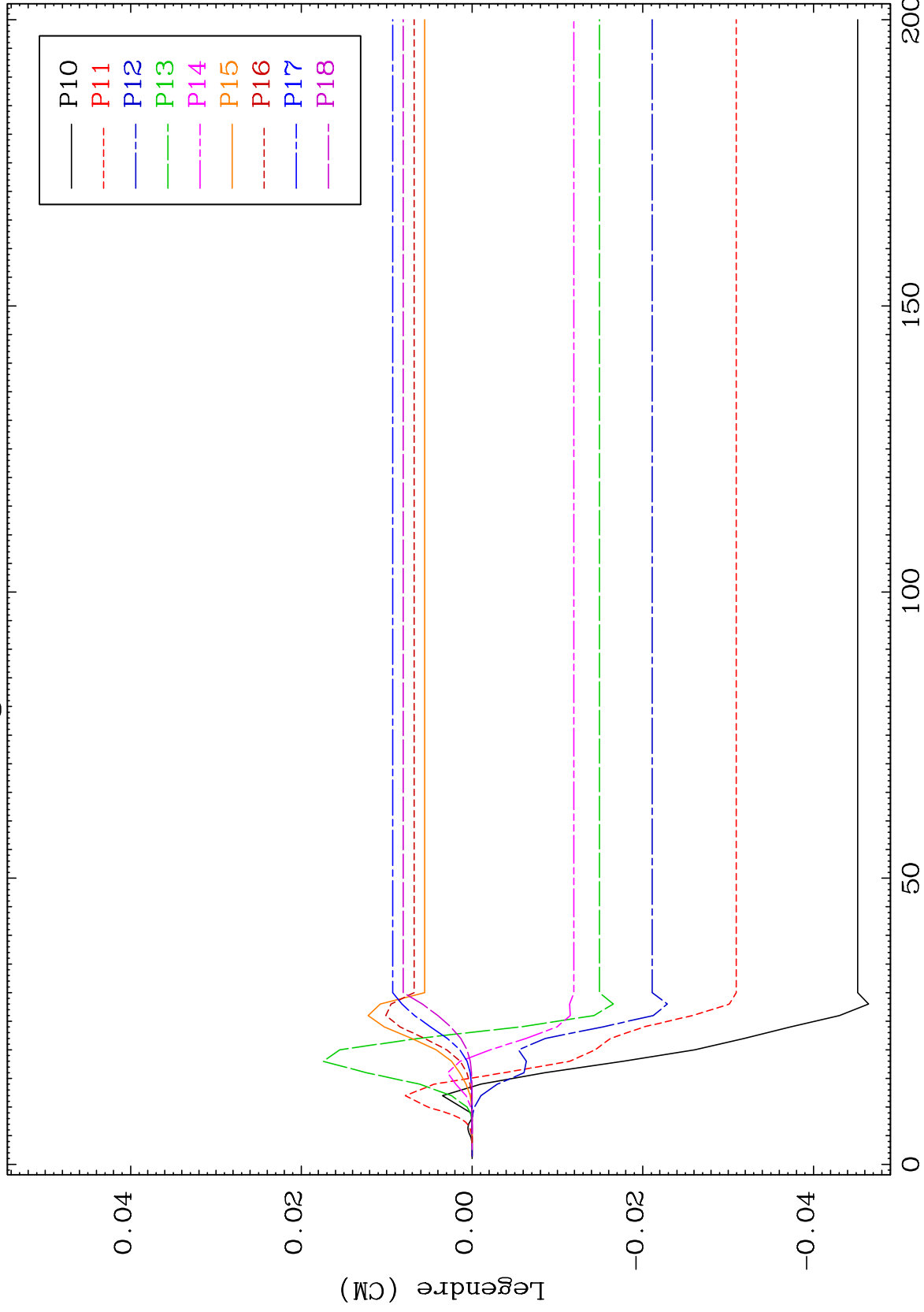




MAT 4340

MT= 55 (n,n') Level
Legendre Coefficients

43-Tc-104



34

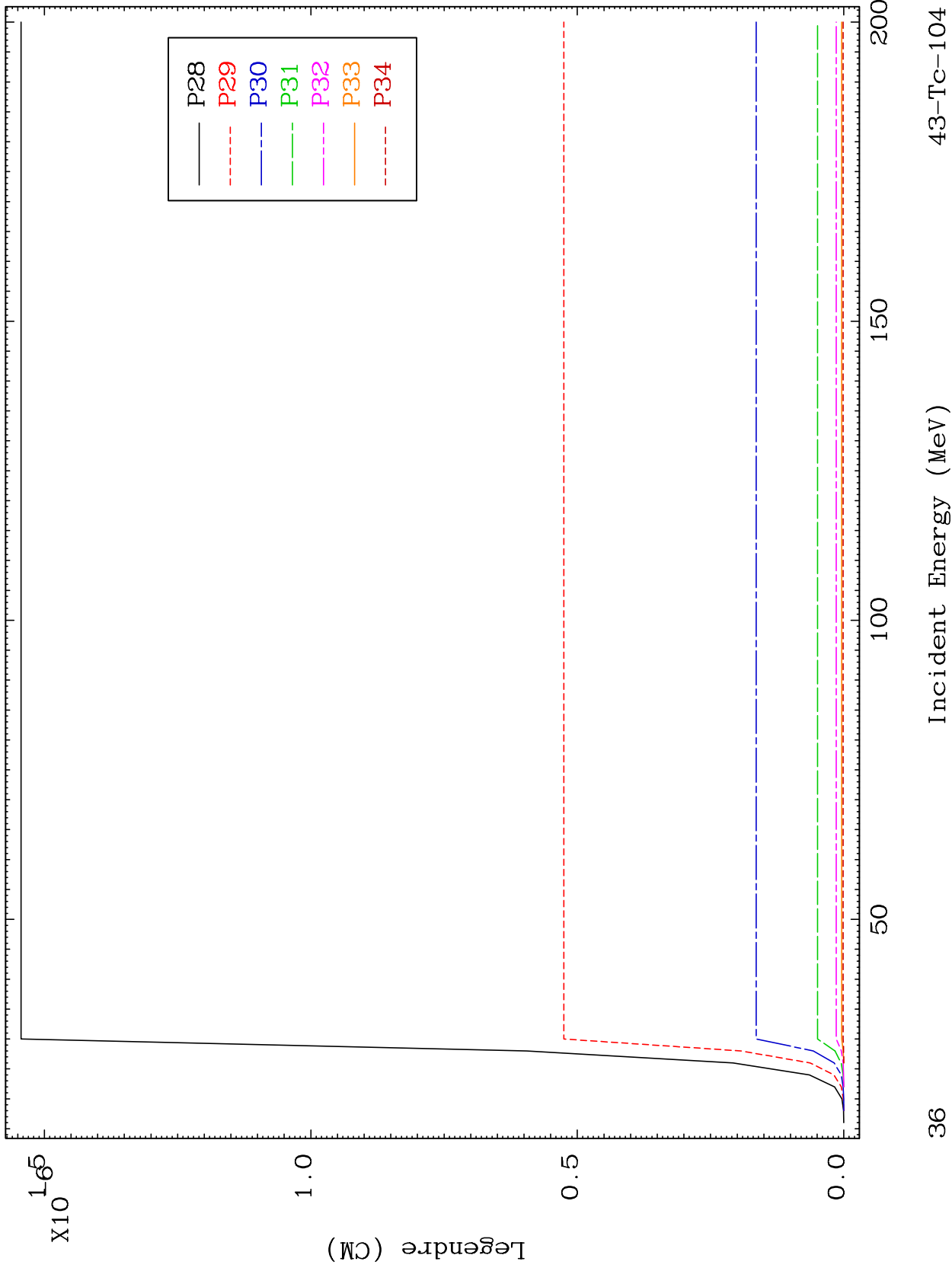
Incident Energy (MeV)

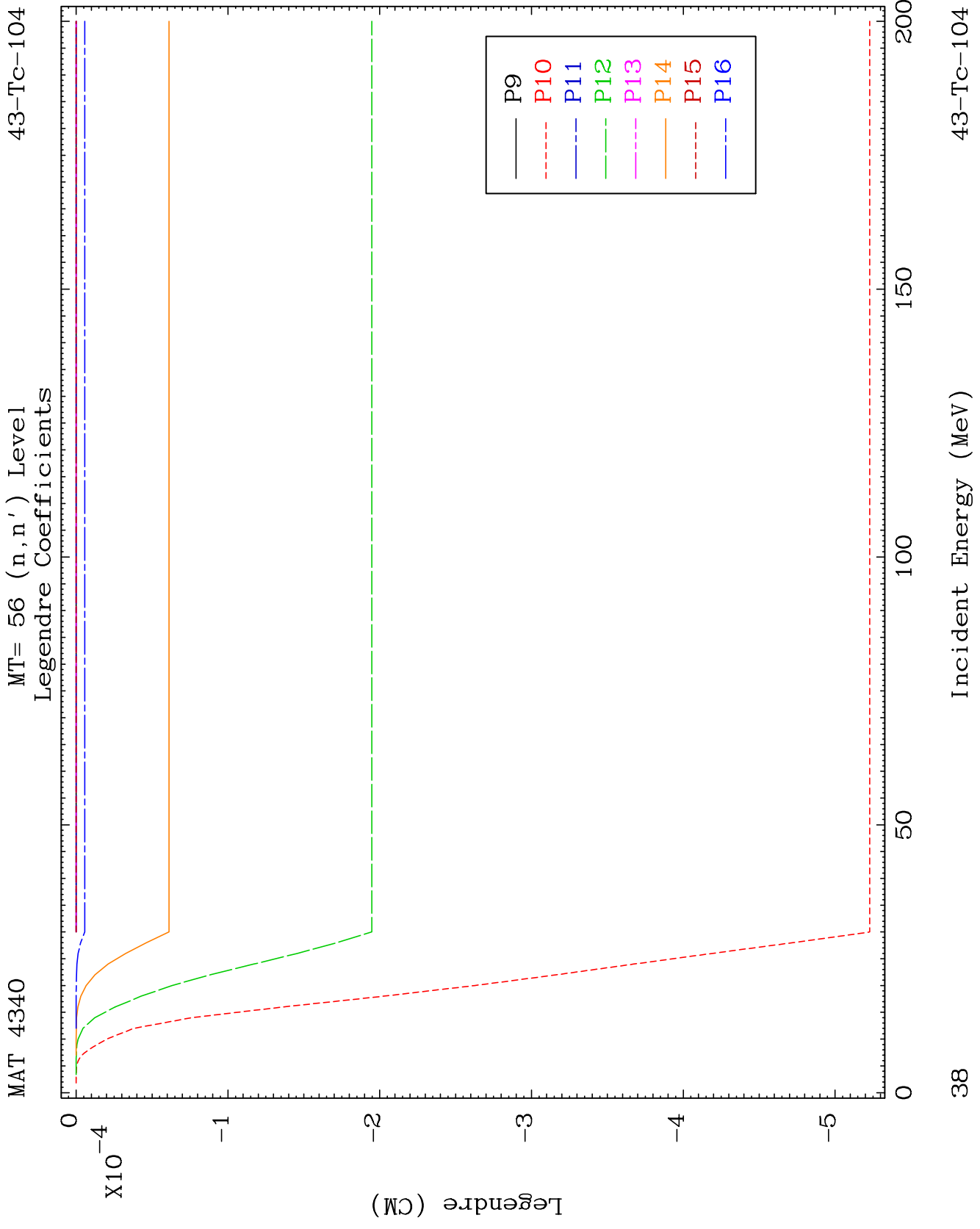
43-Tc-104

MAT 4340

MT= 55 (n,n') Level
Legendre Coefficients

43-Tc-104





43-Tc-104

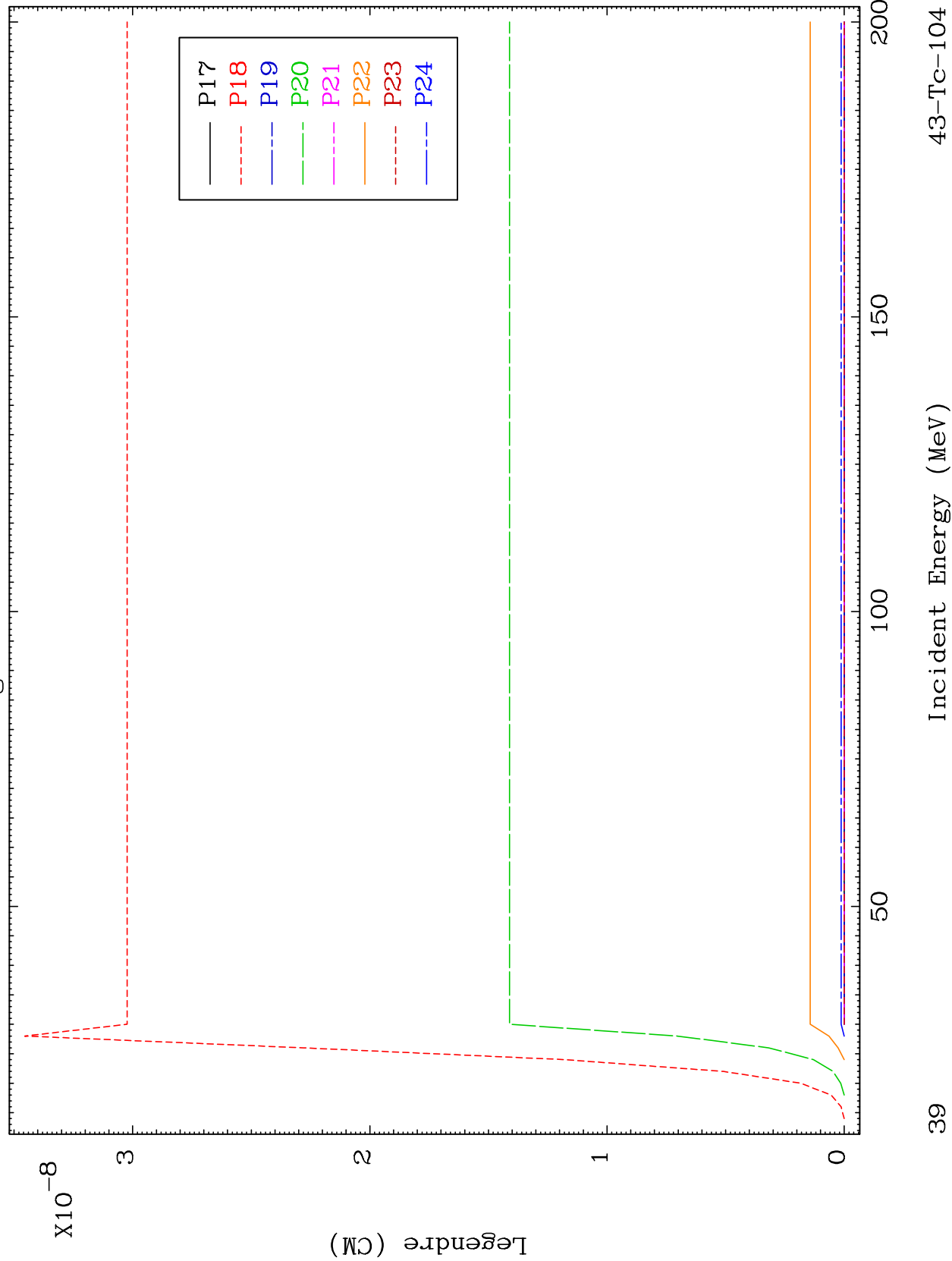
Incident Energy (MeV)

38

MAT 4340

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

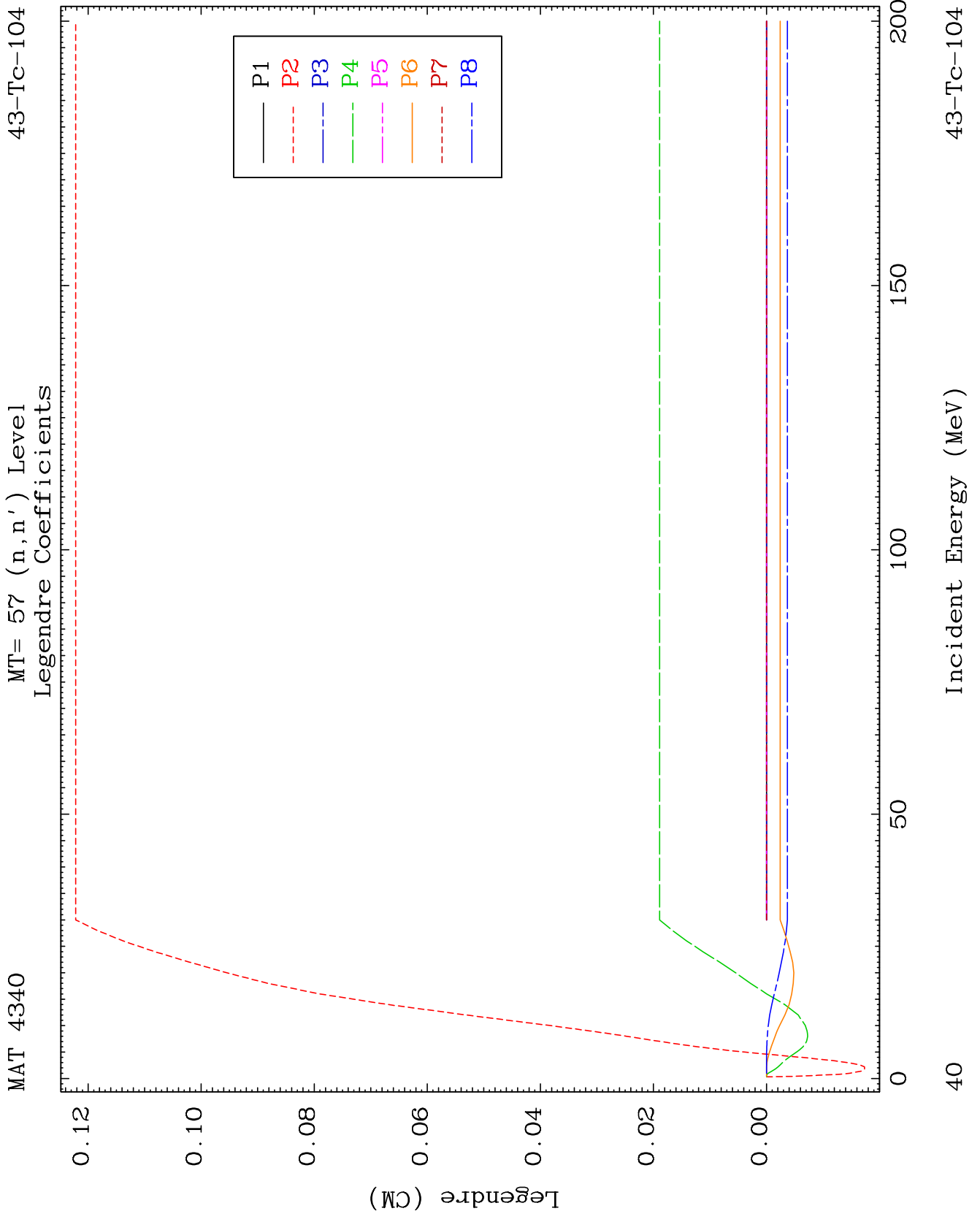
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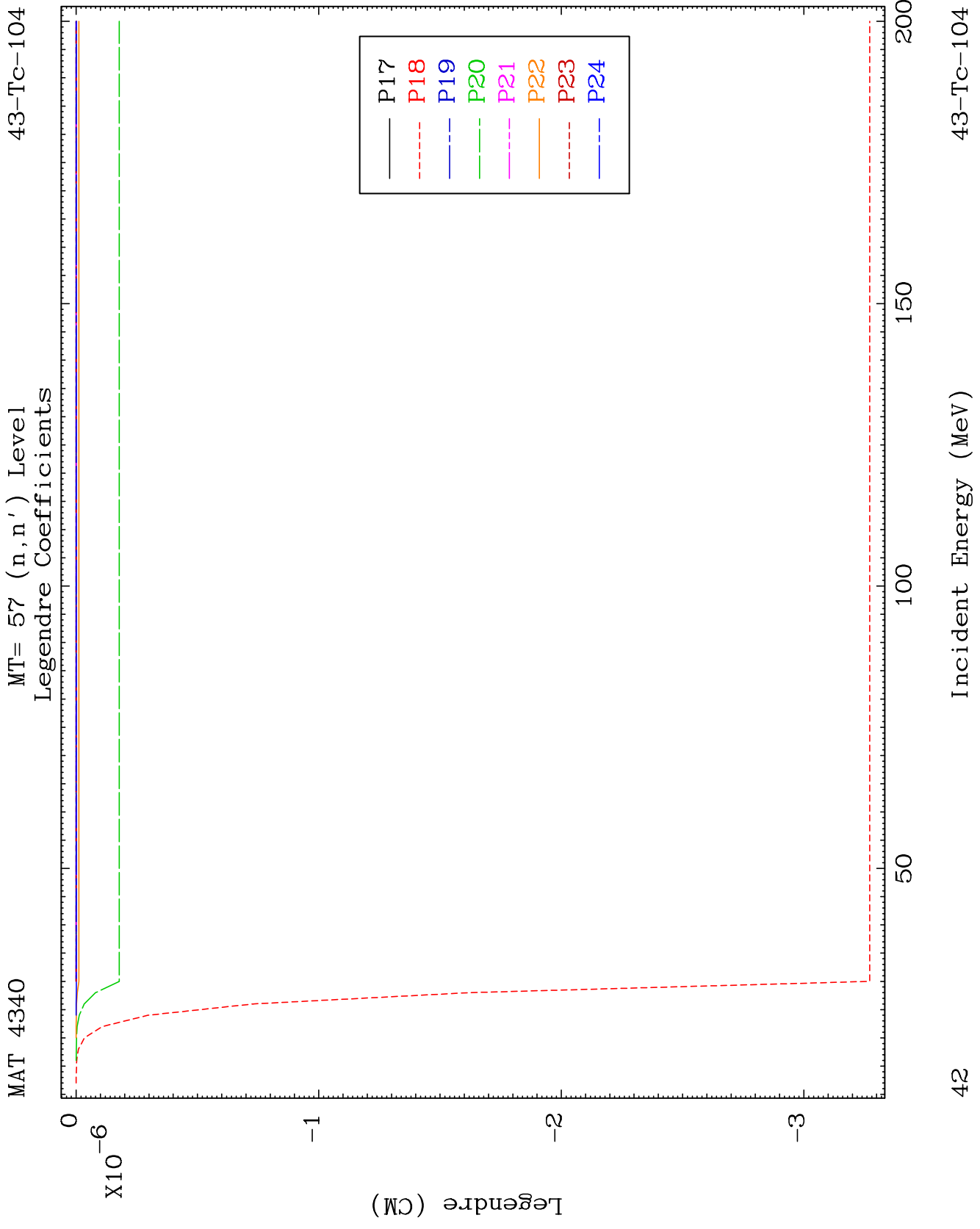


39

Incident Energy (MeV)

43-Tc-104

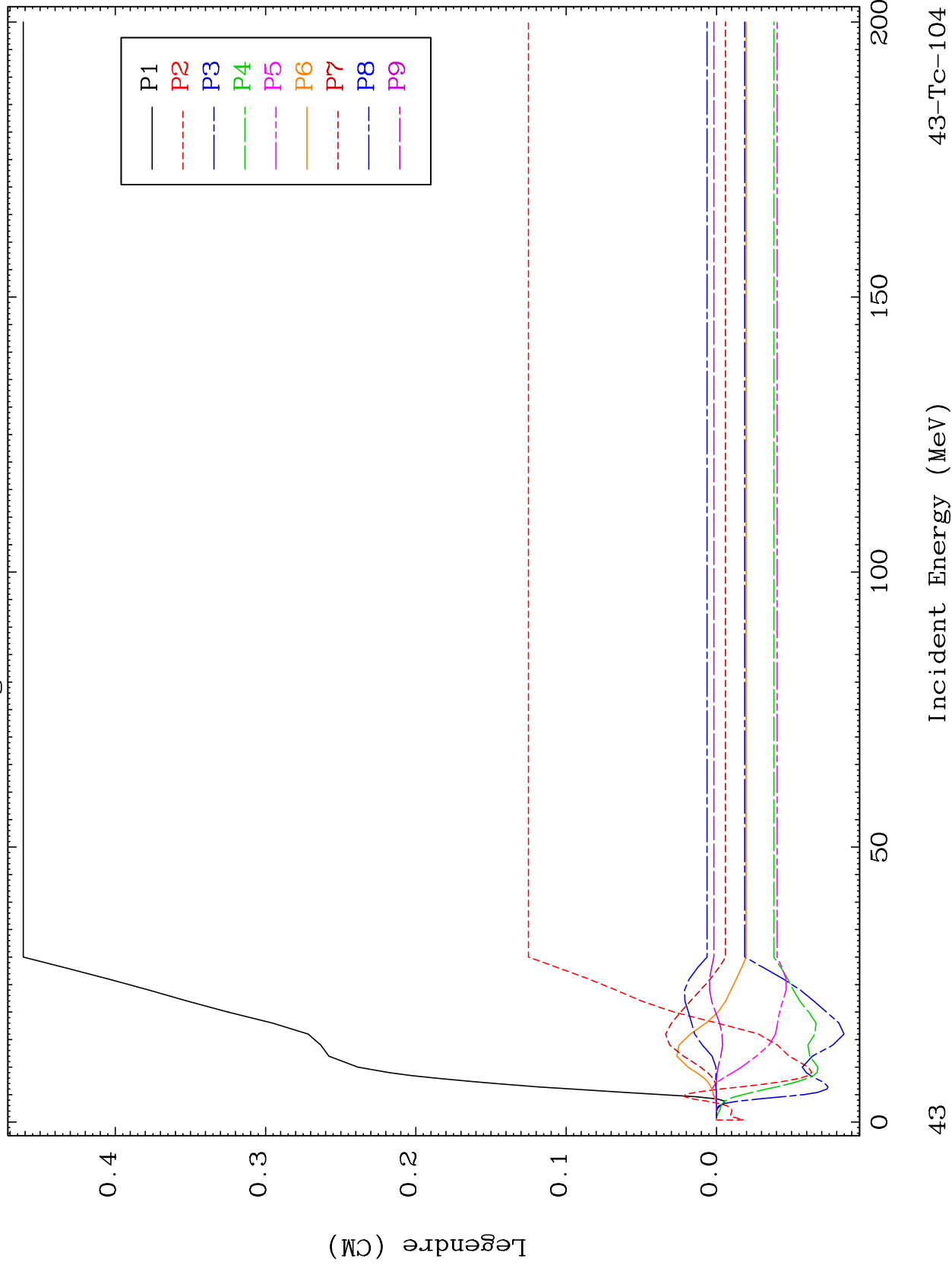




MAT 4340

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Legendre Coefficients

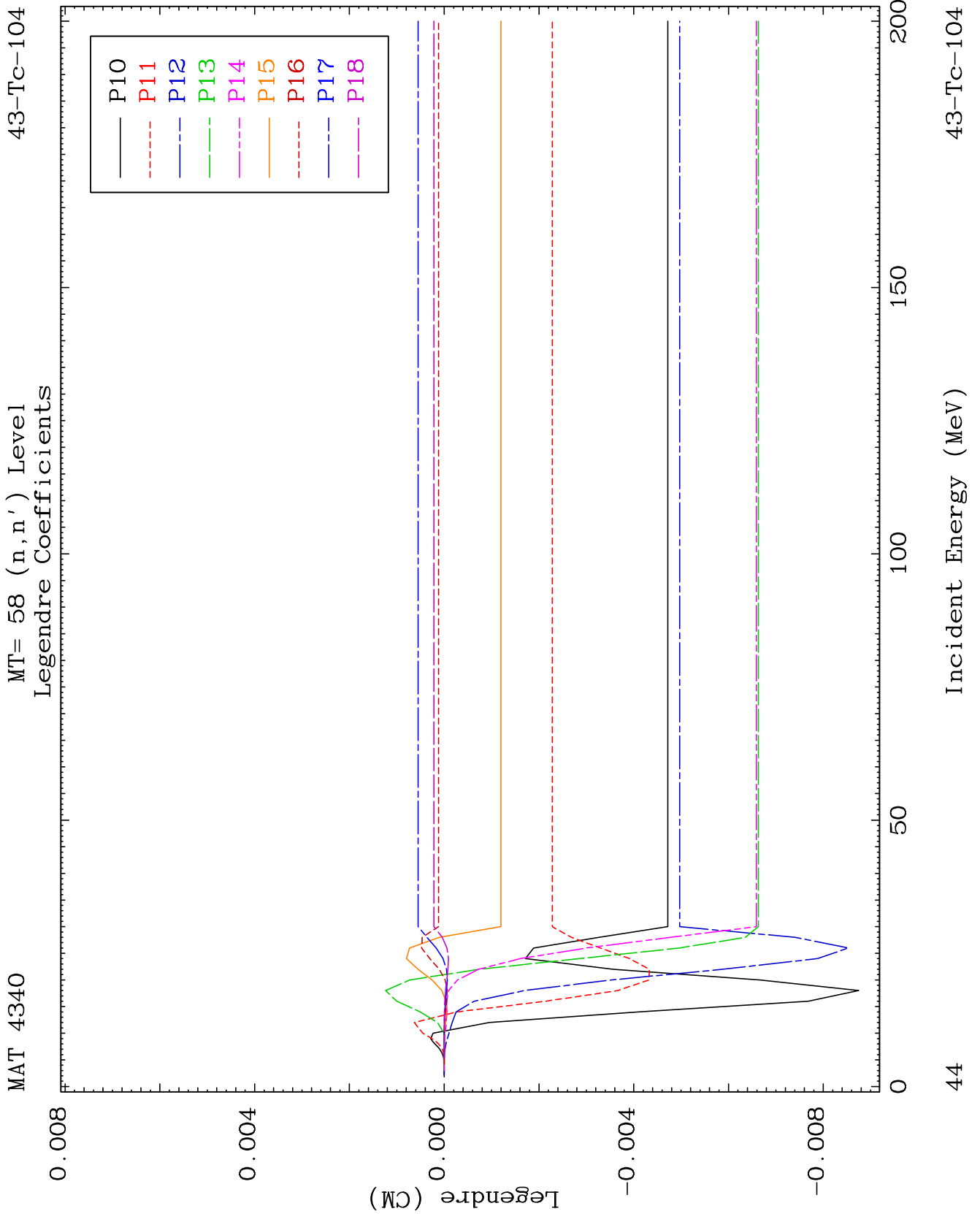
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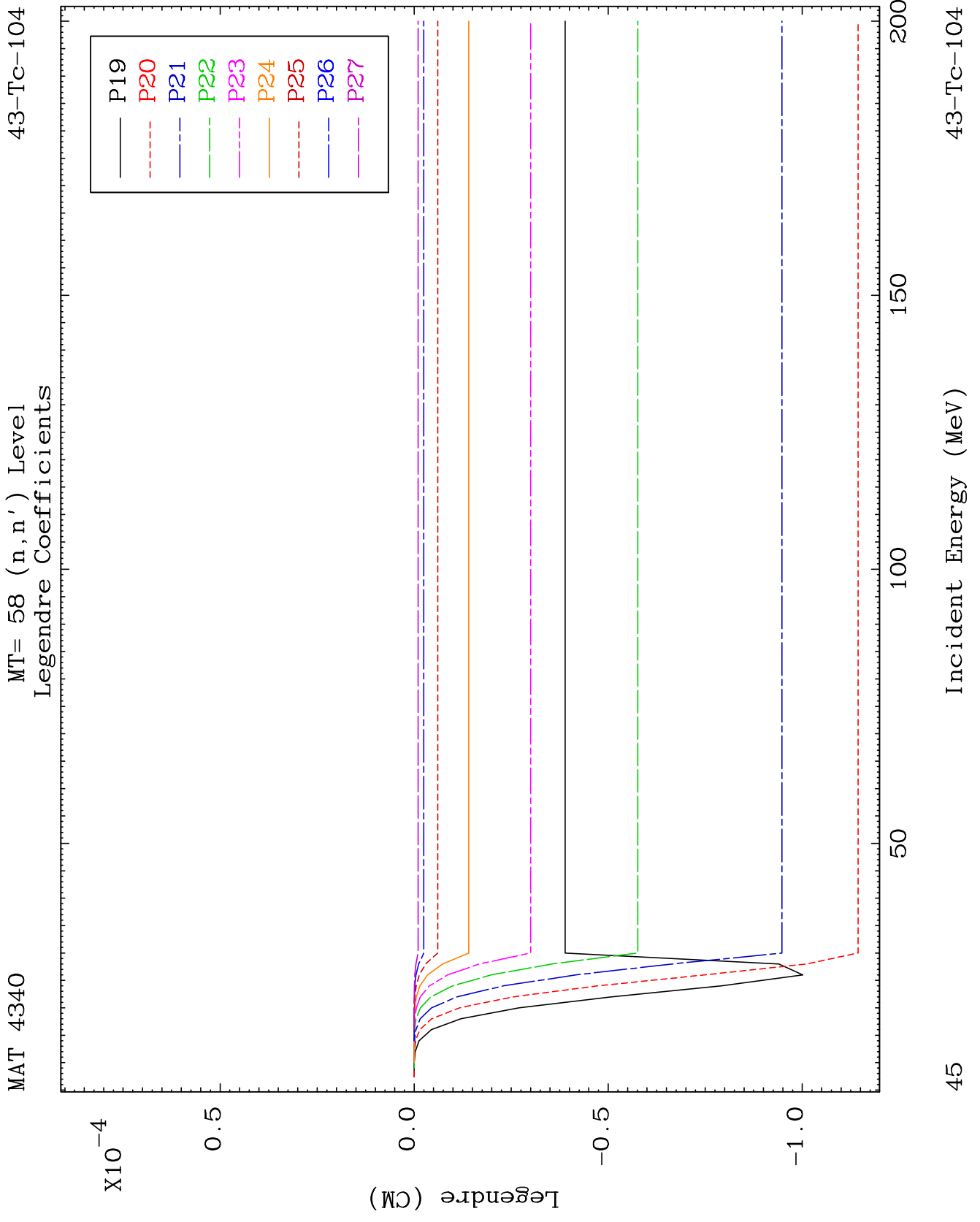


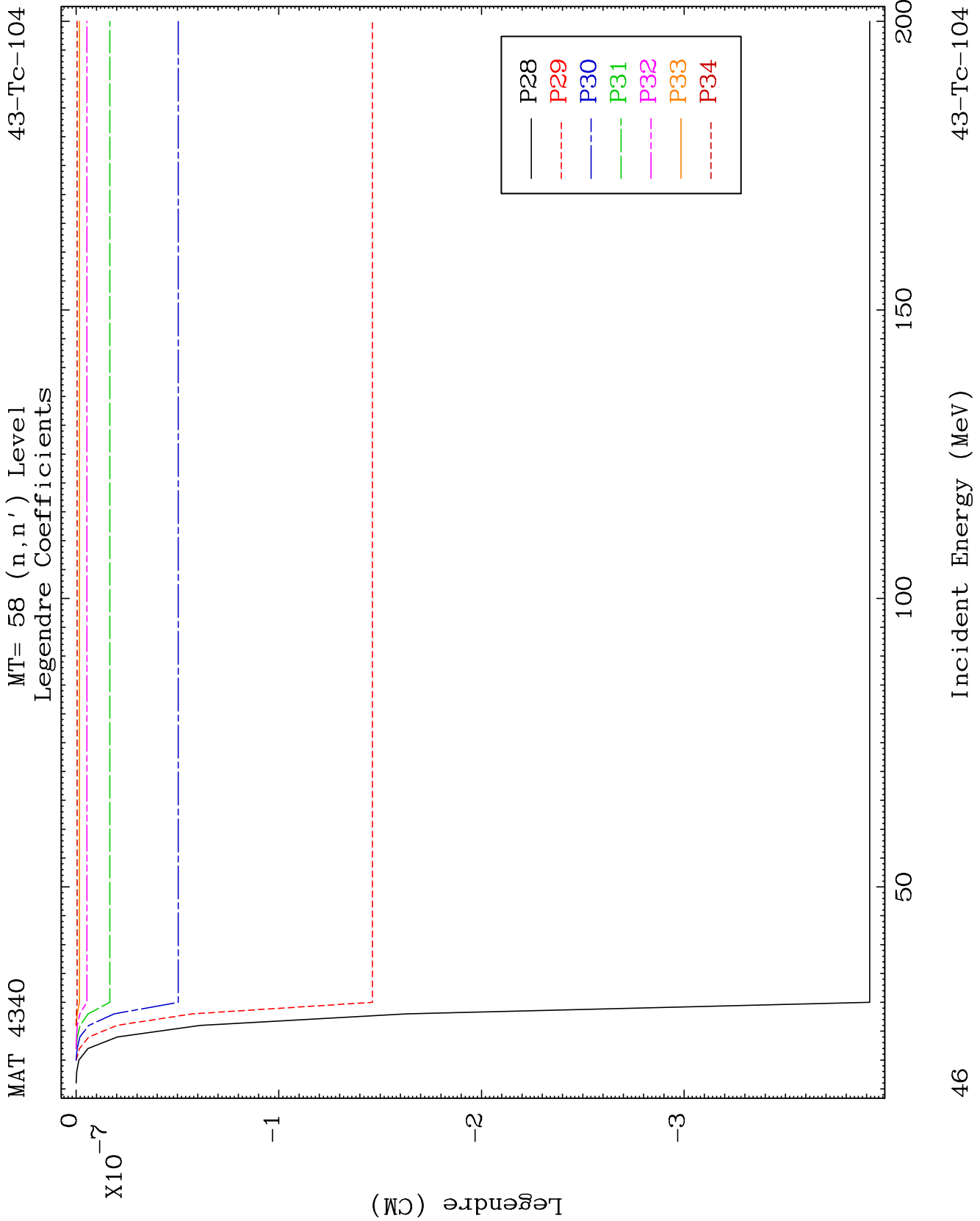
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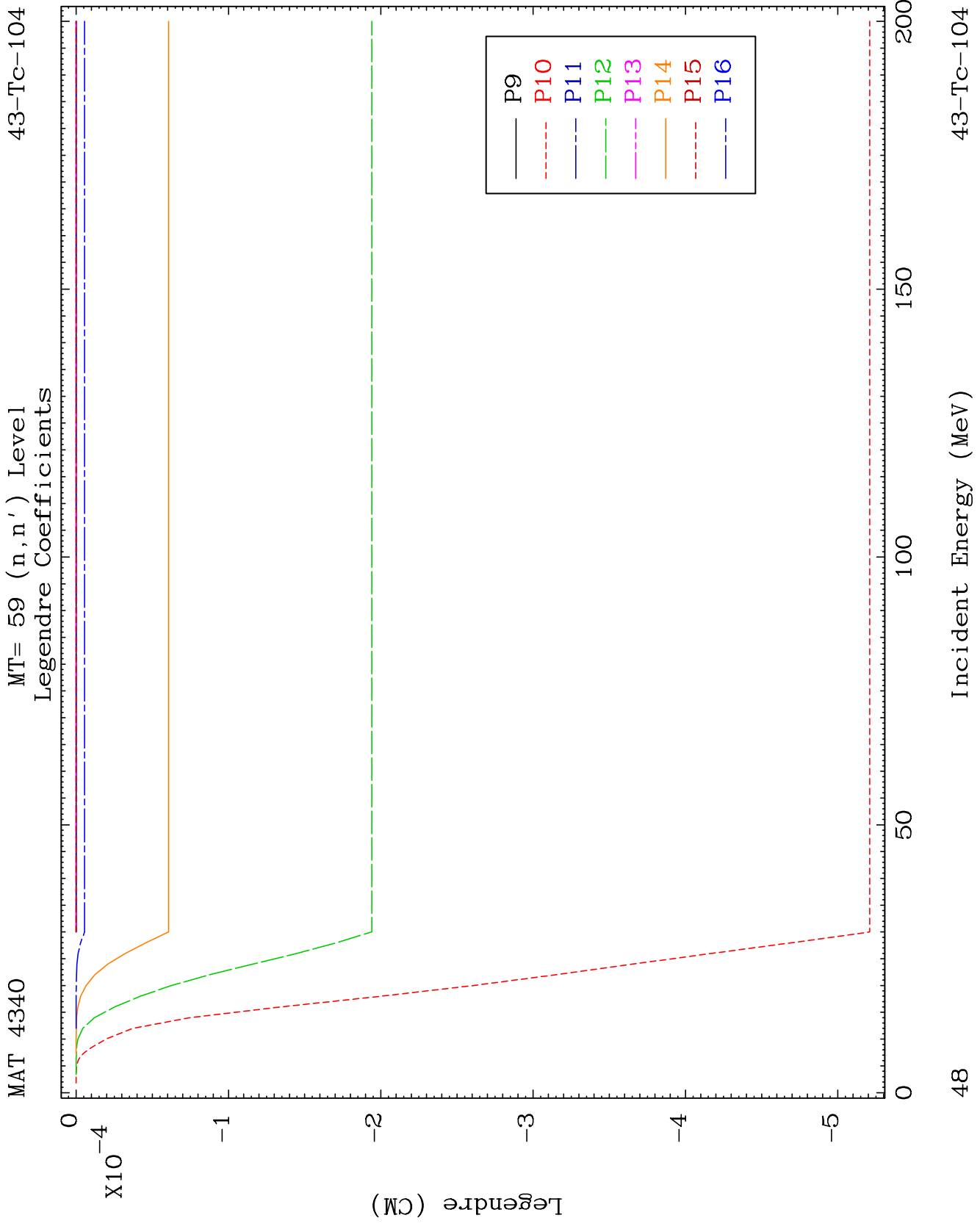
Incident Energy (MeV)

43-Tc-104





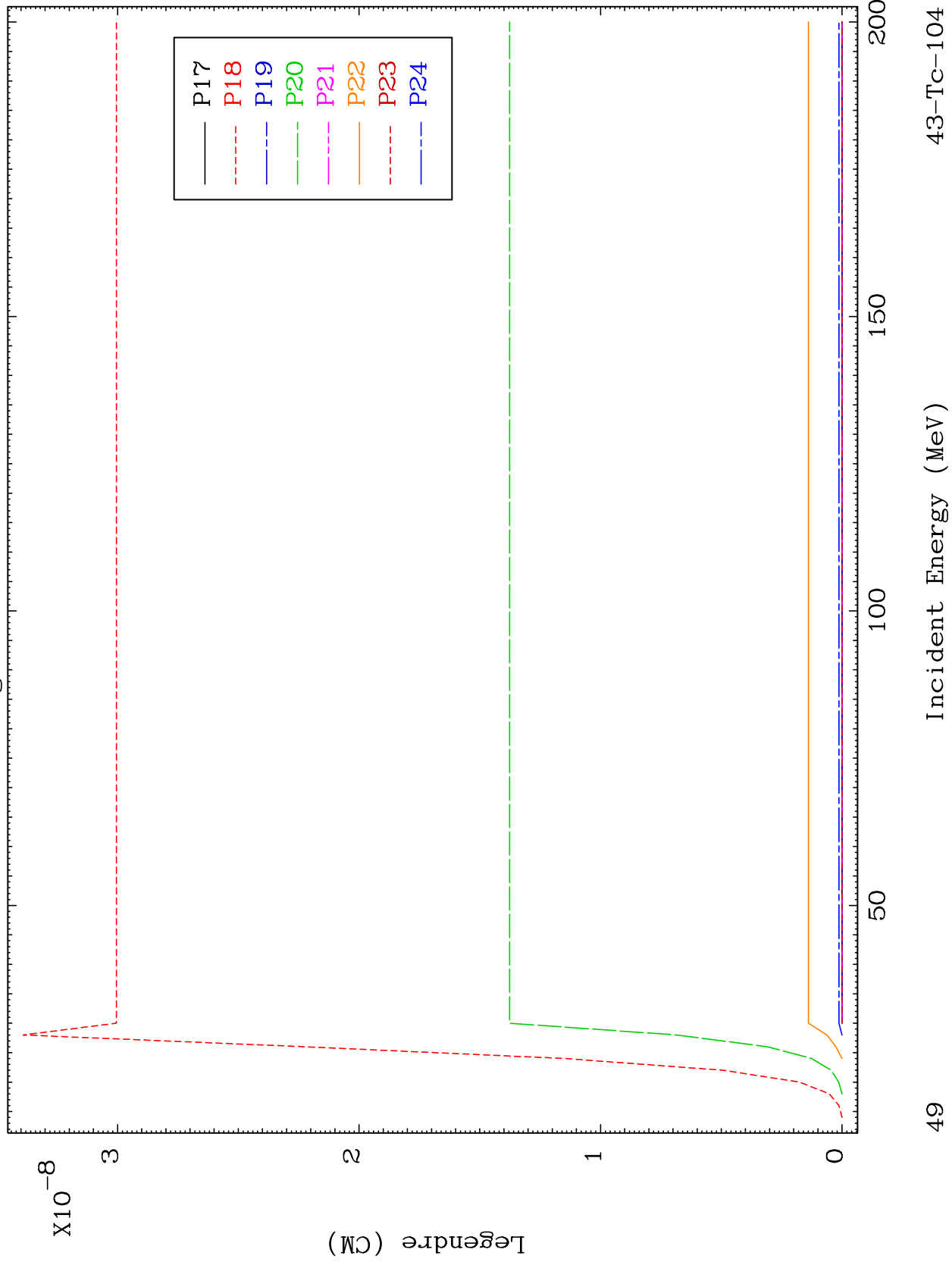




MAT 4340

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

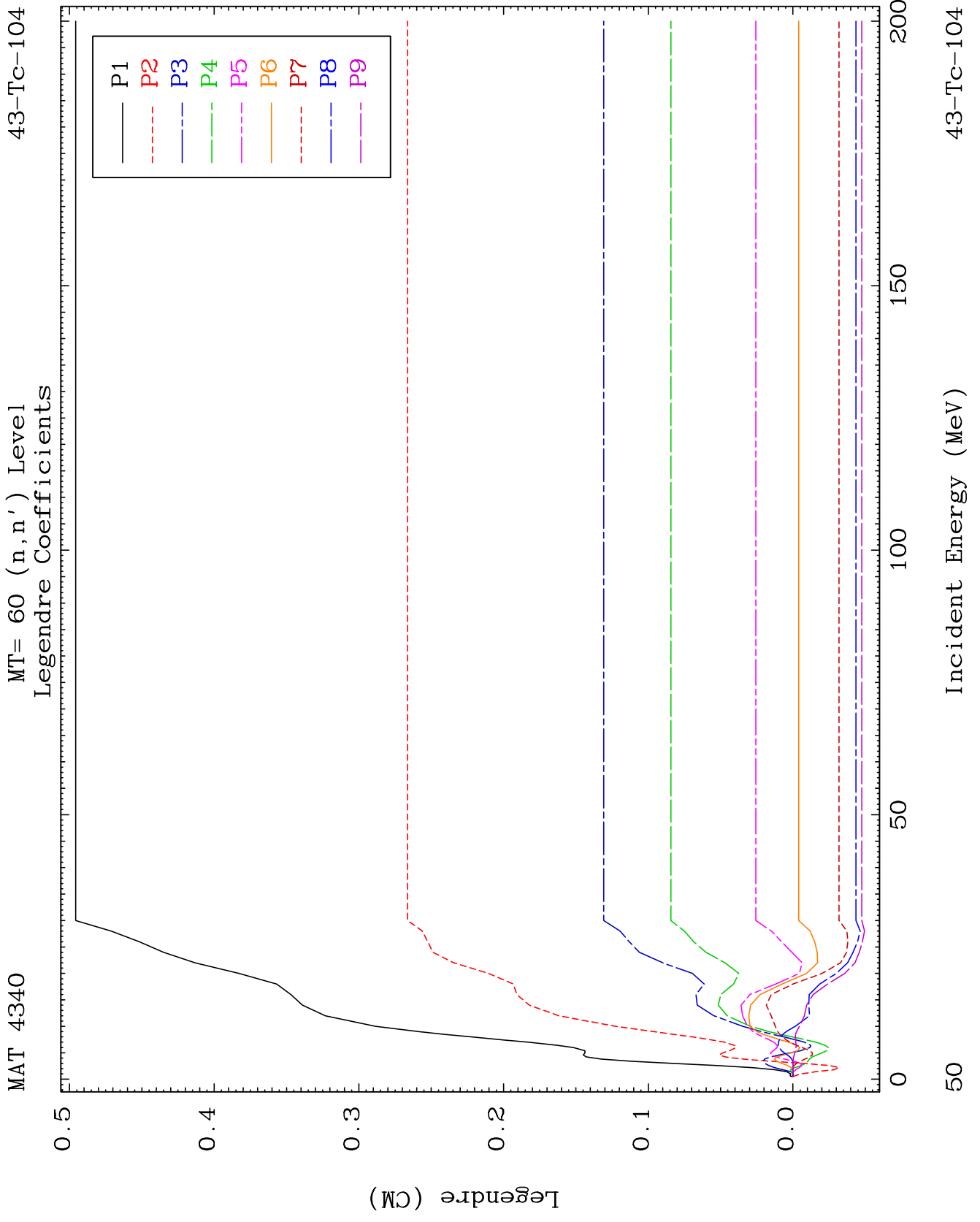
43-Tc-104



49

Incident Energy (MeV)

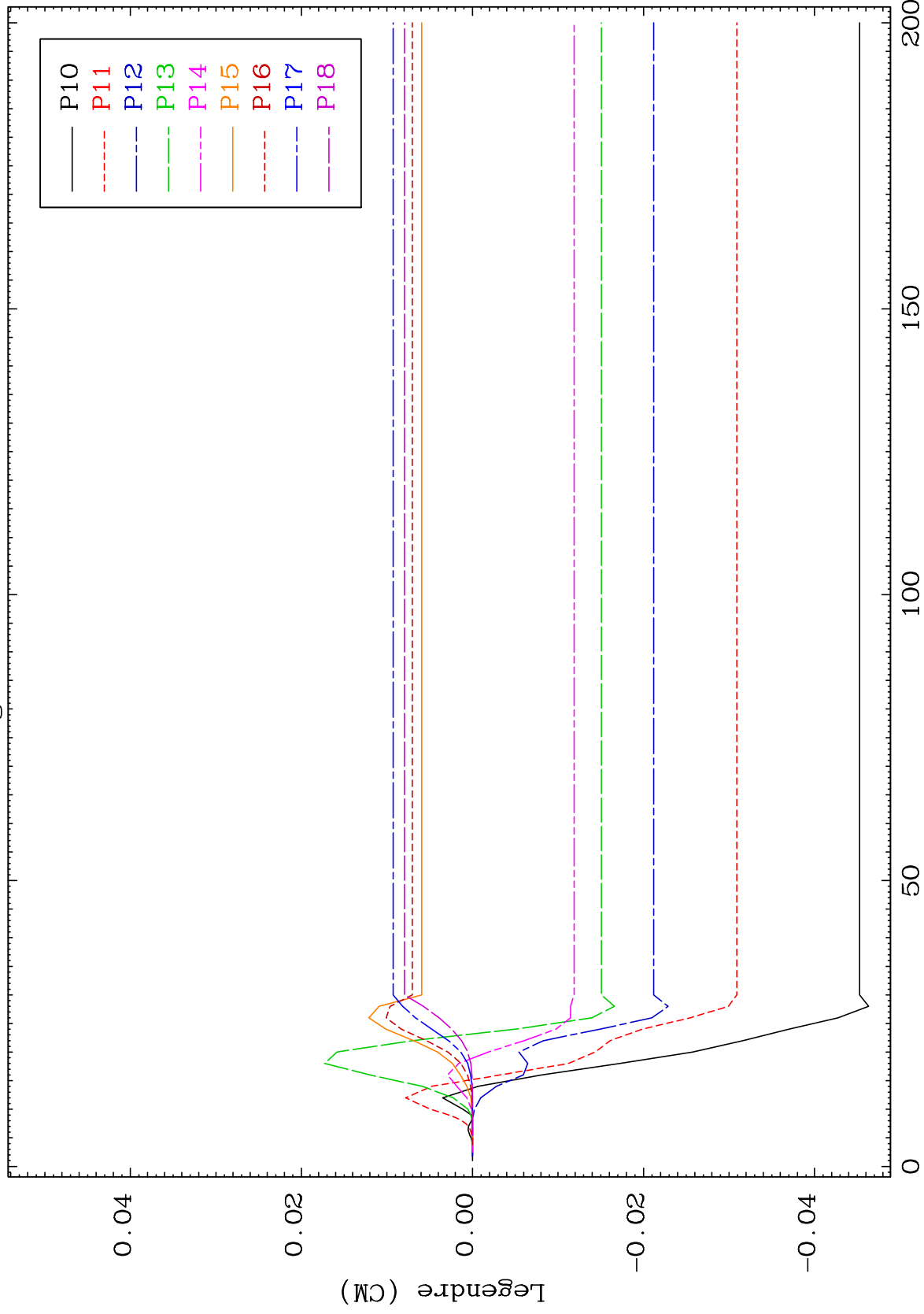
43-Tc-104



MAT 4340

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

43-Tc-104



51

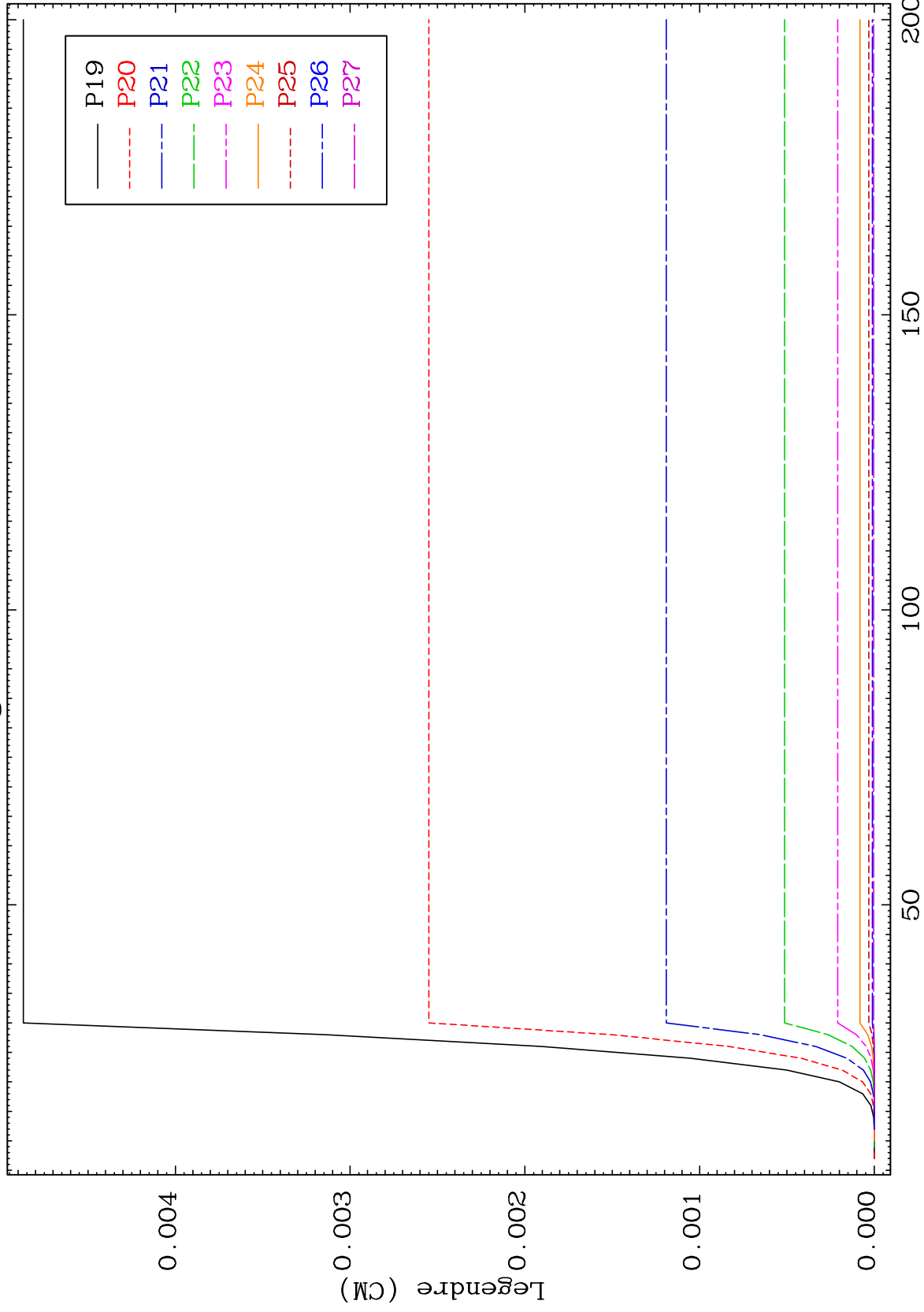
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



52

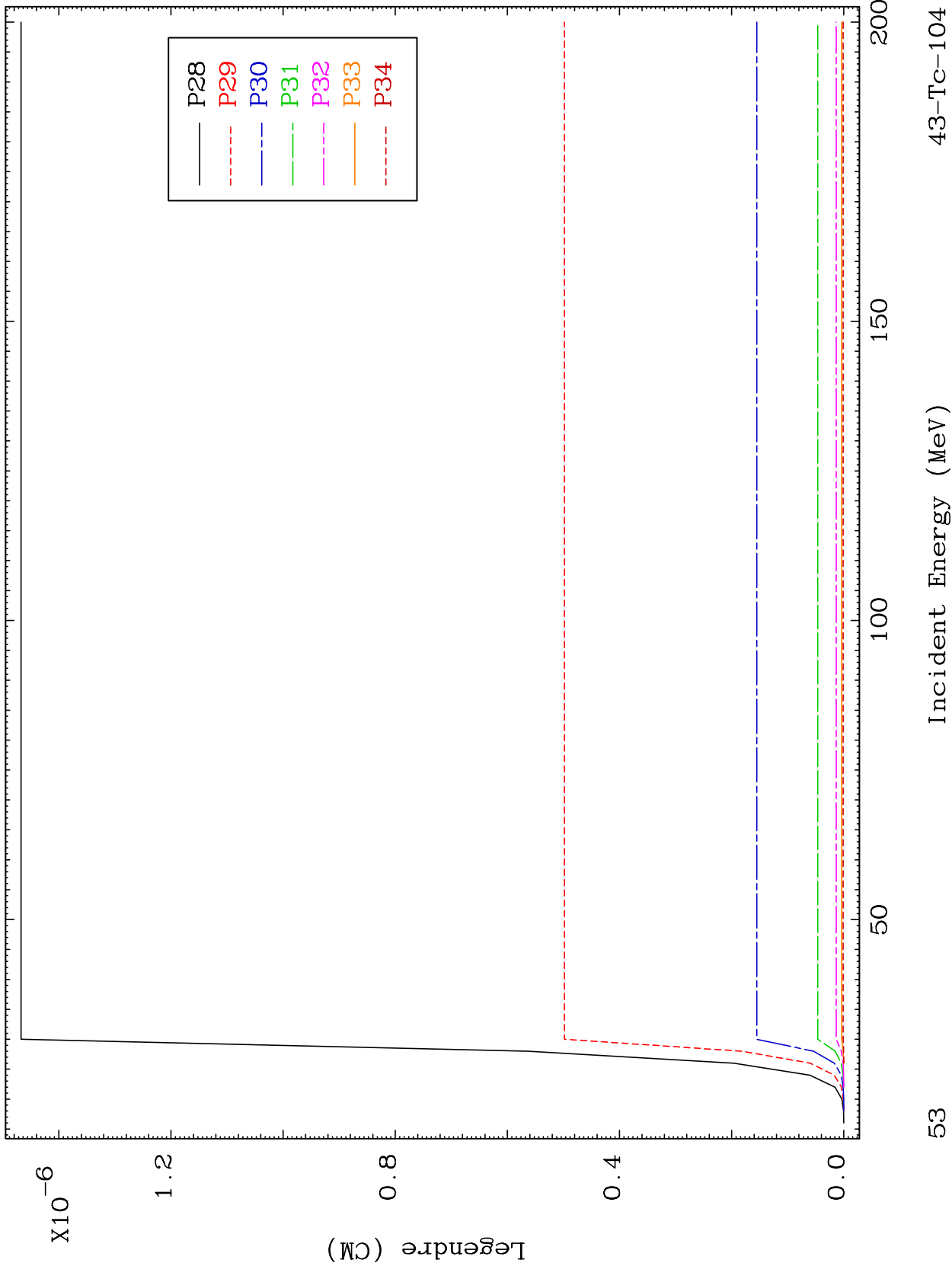
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

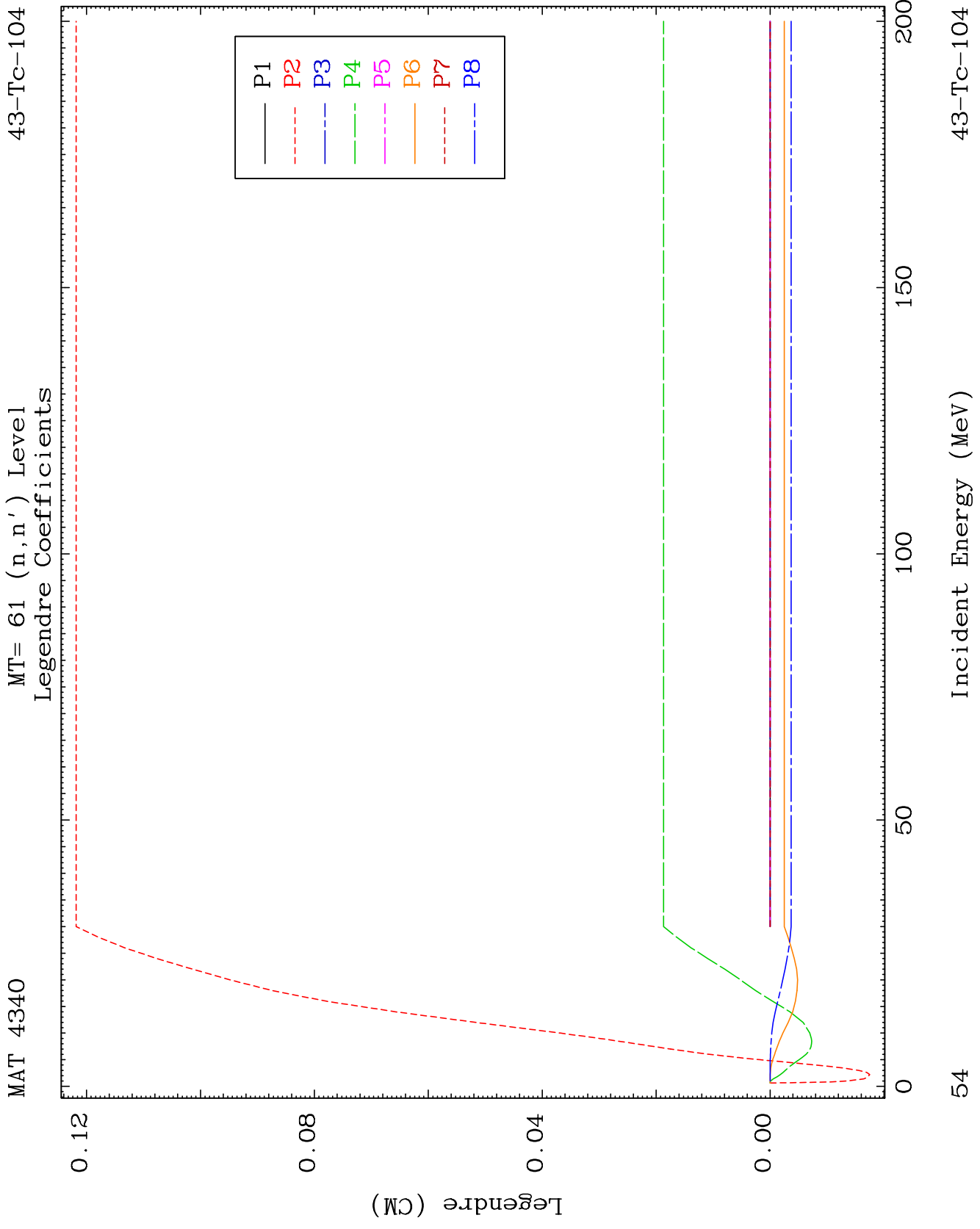
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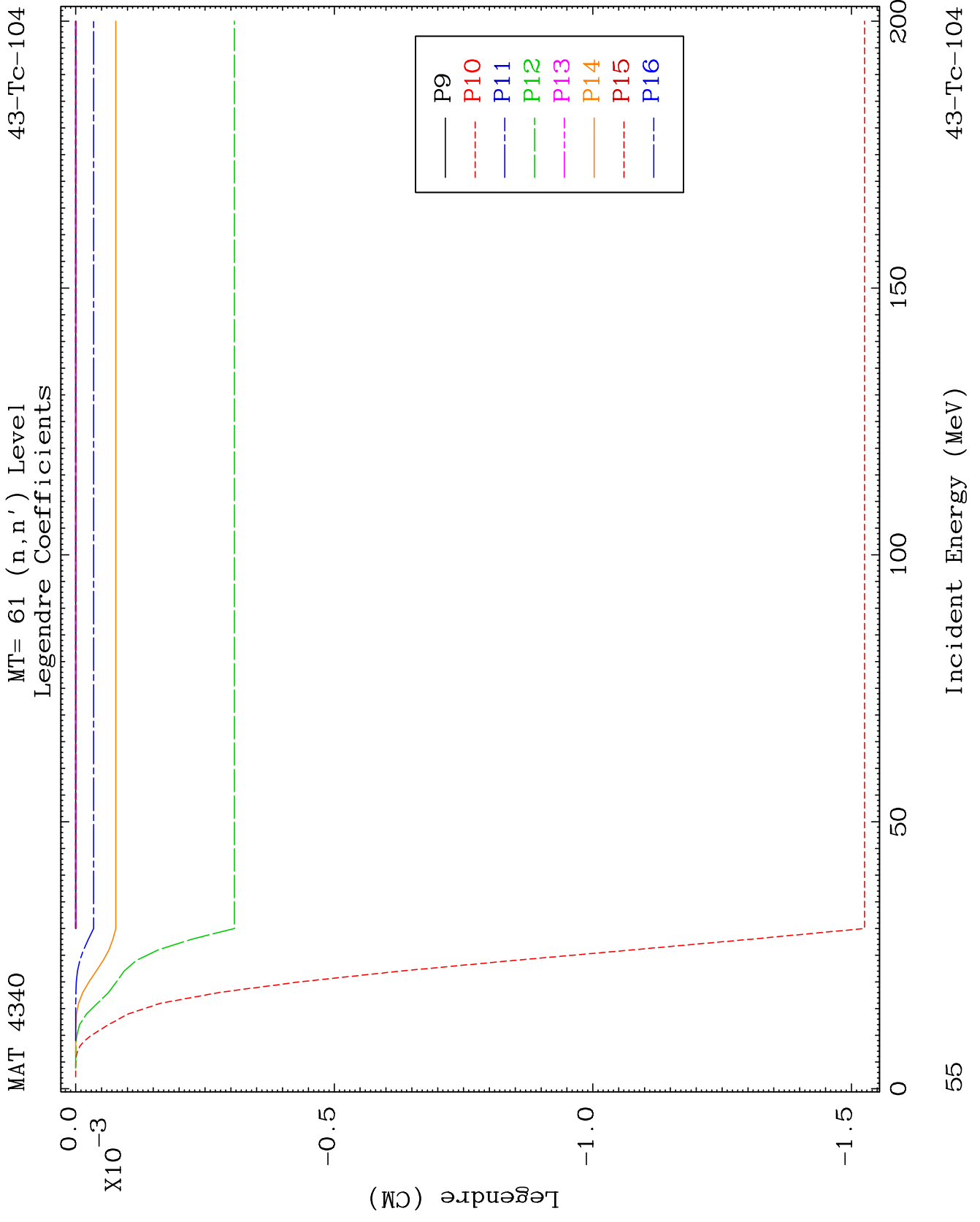


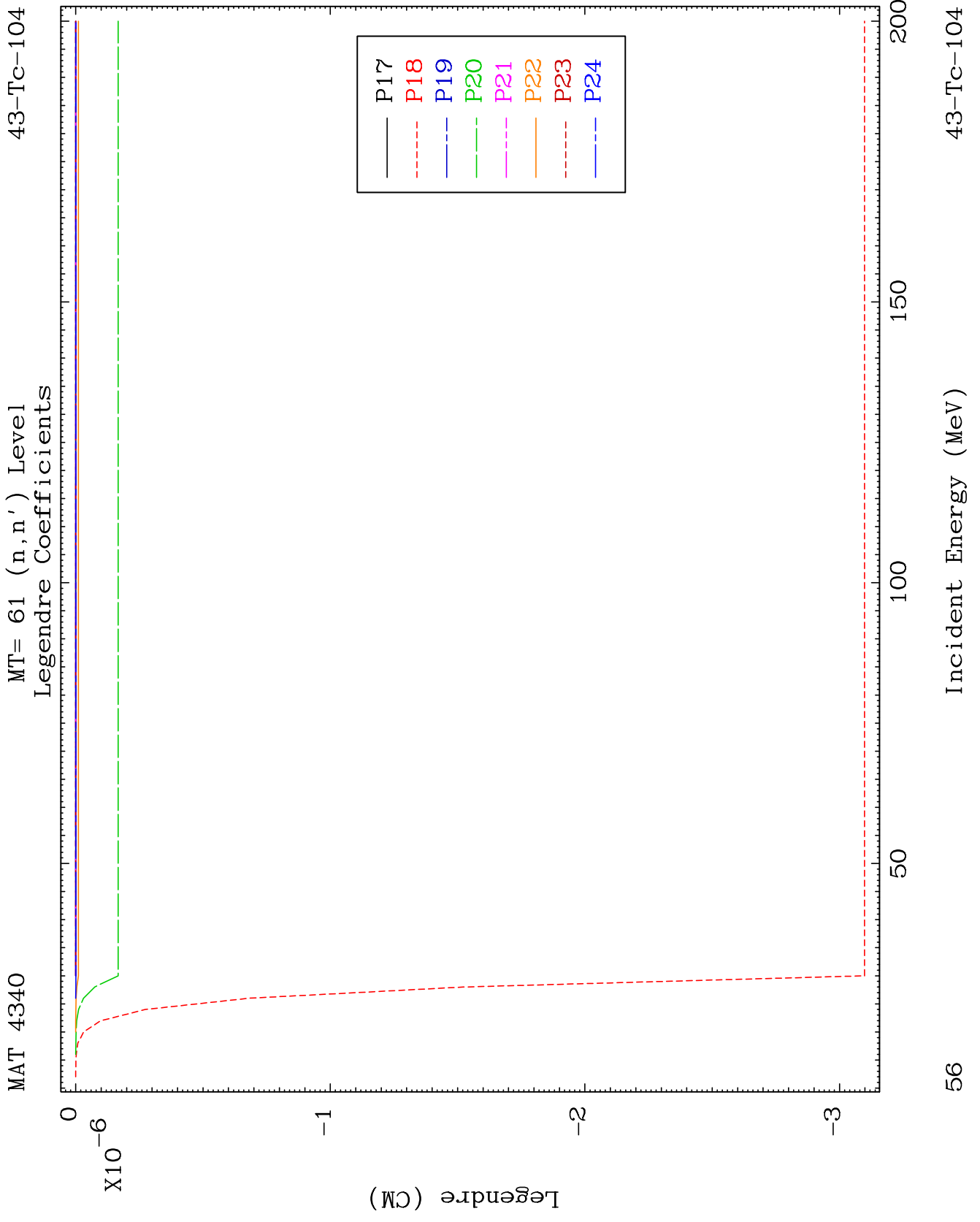
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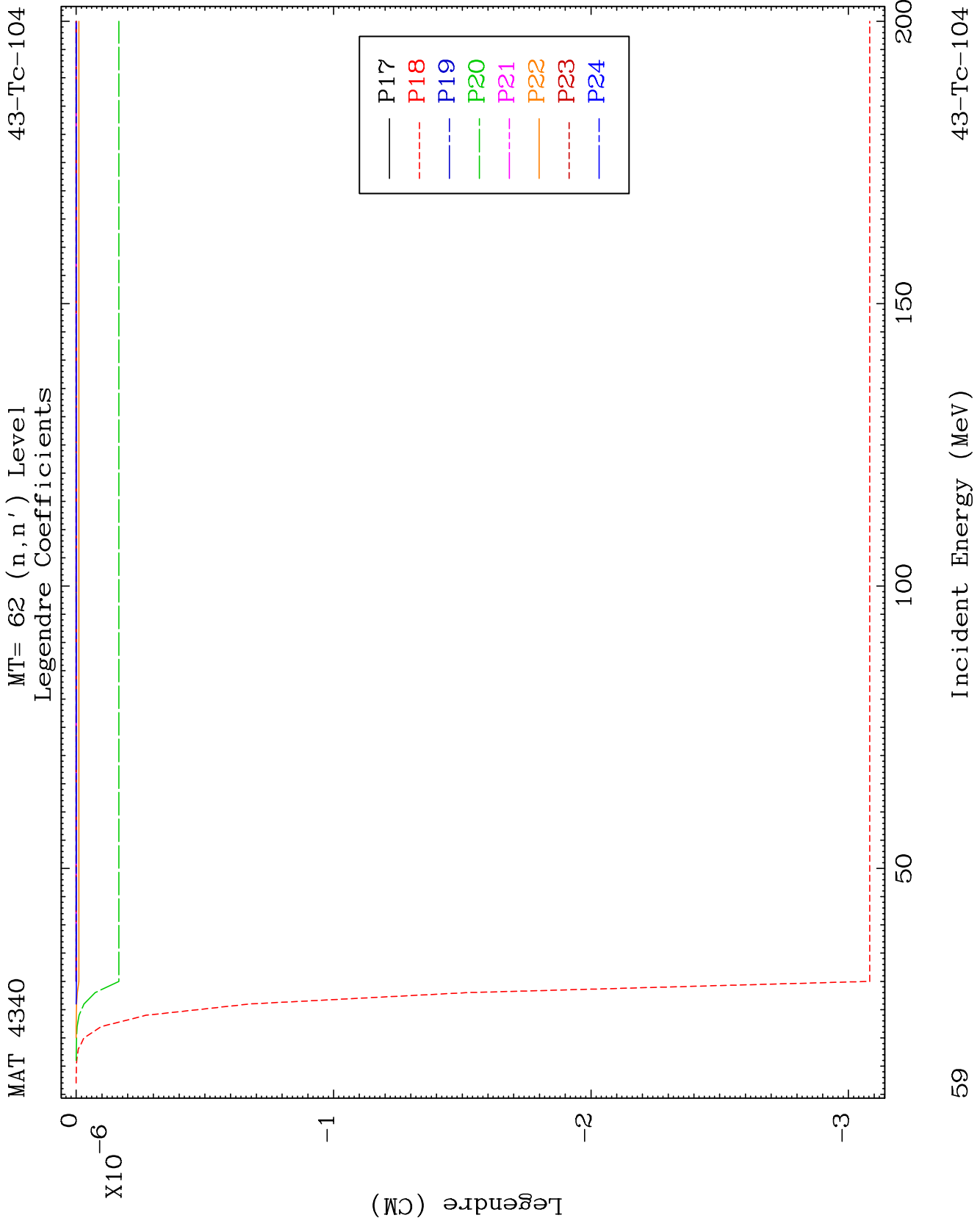
Incident Energy (MeV)

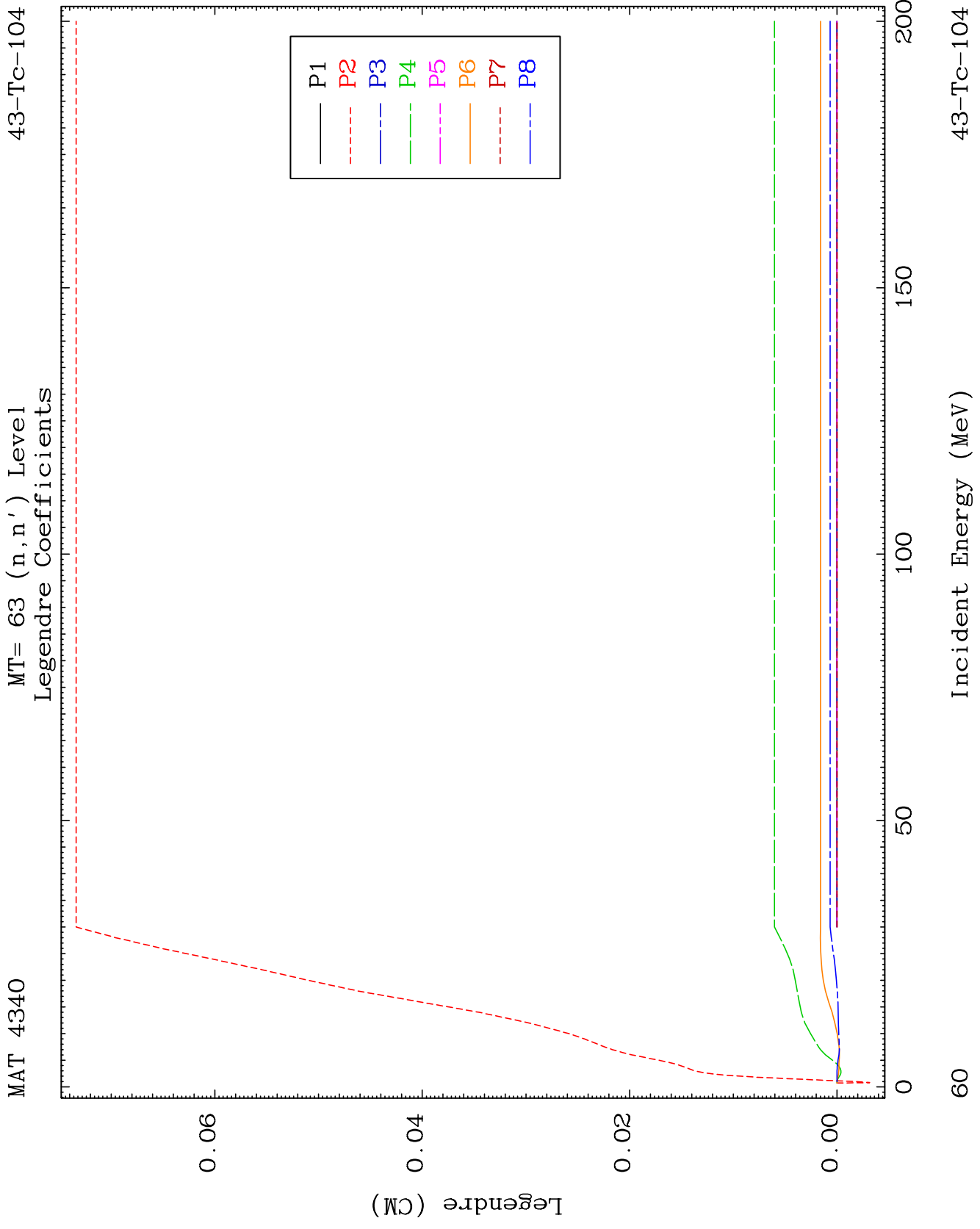
43-Tc-104







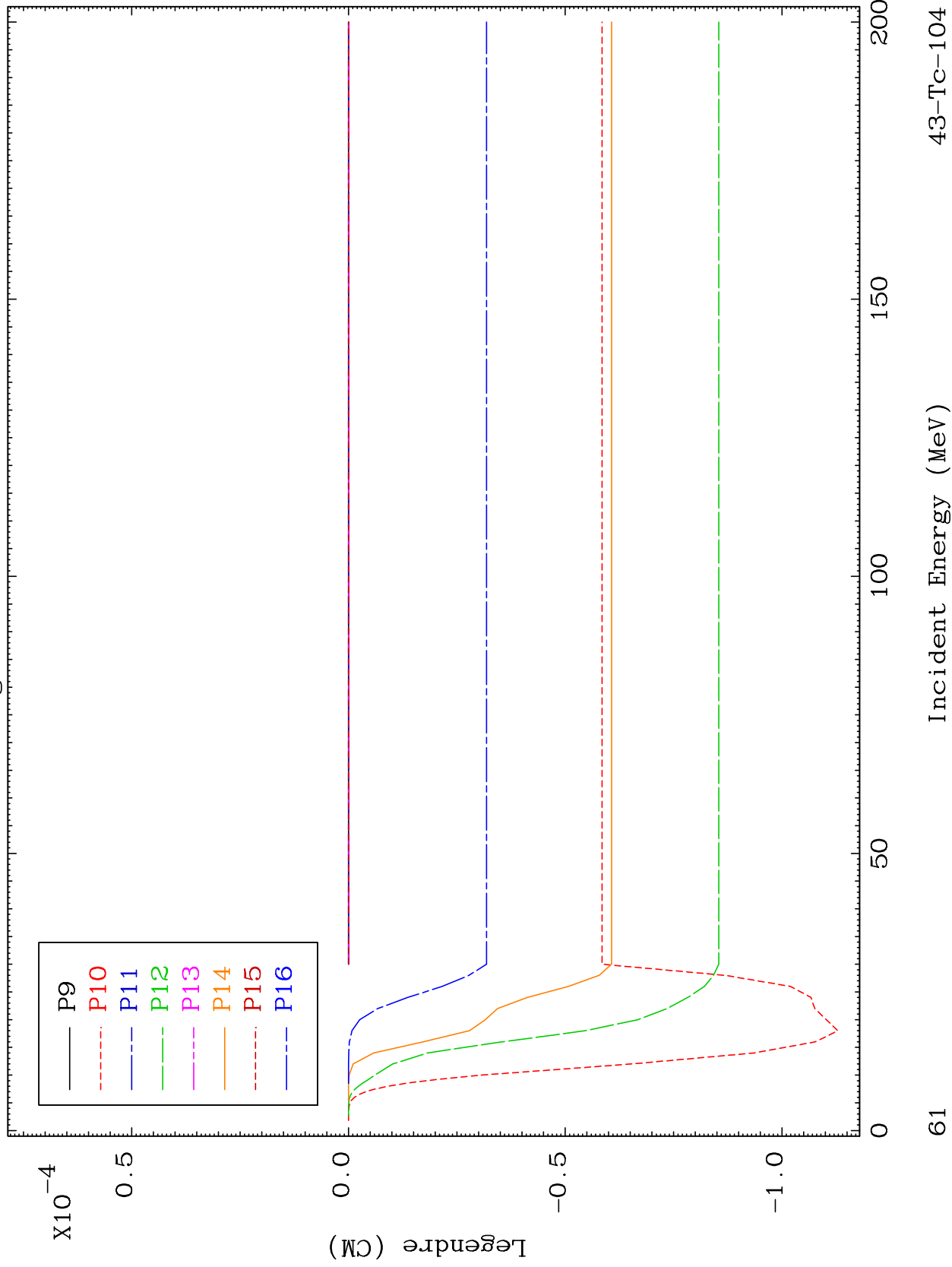


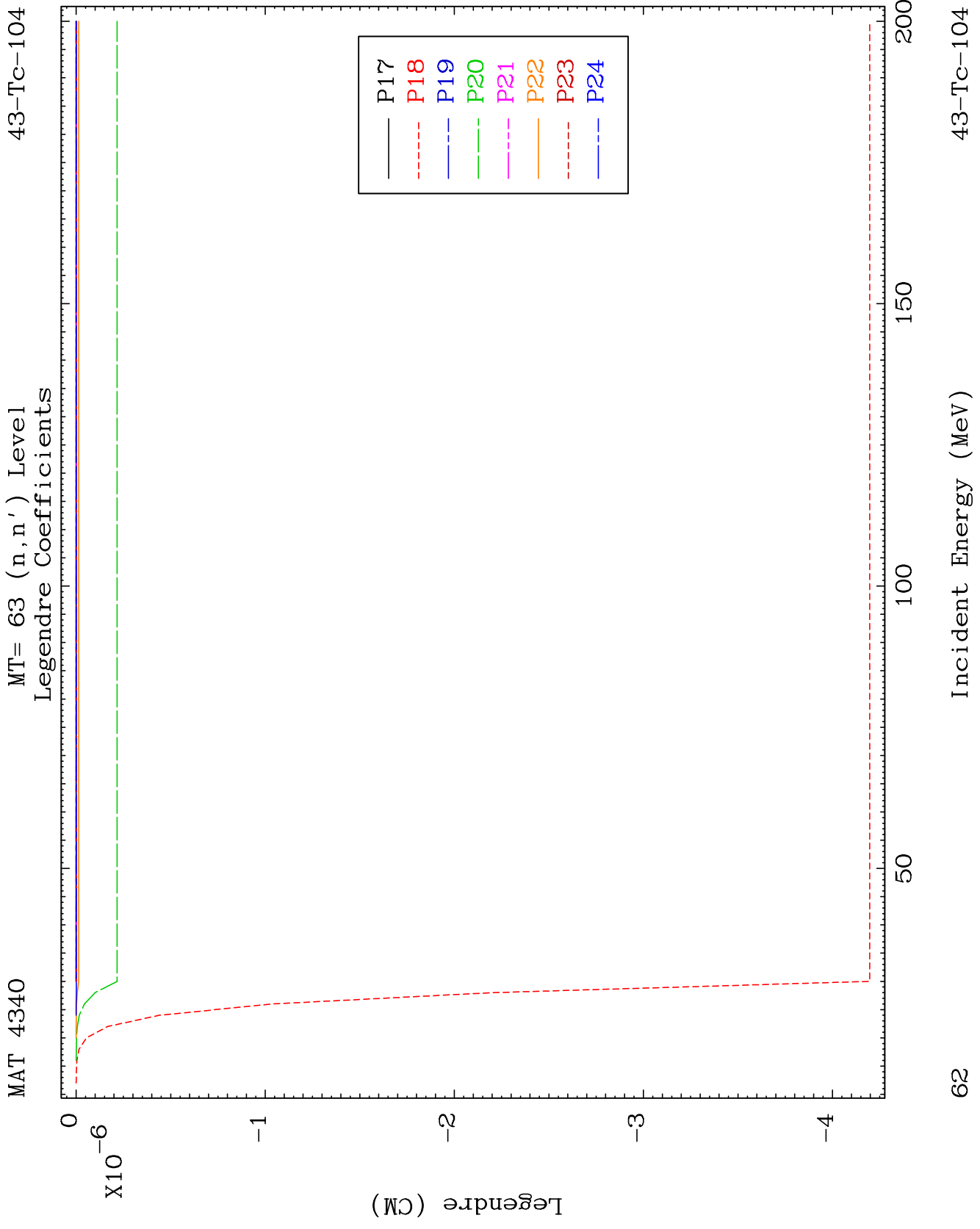


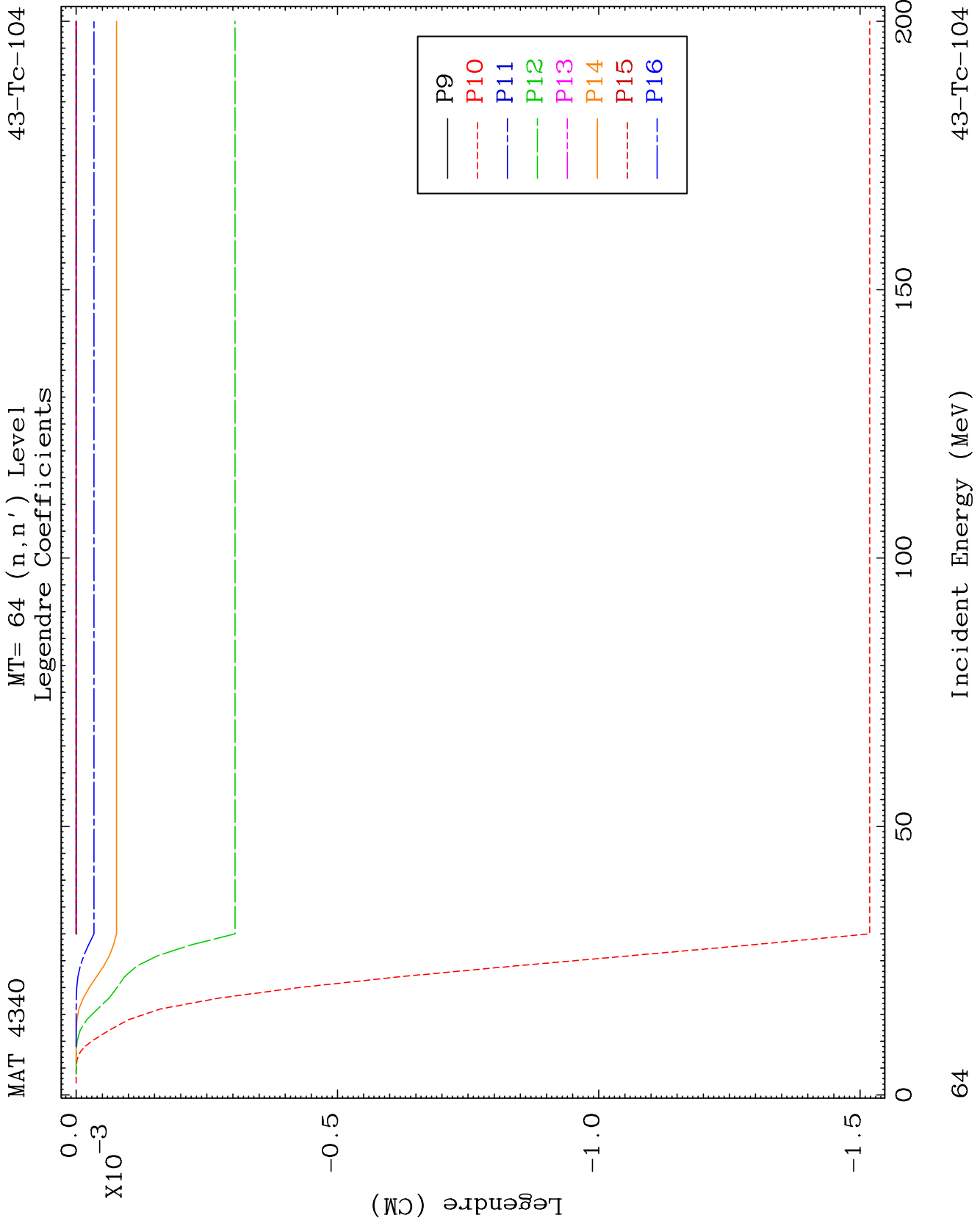
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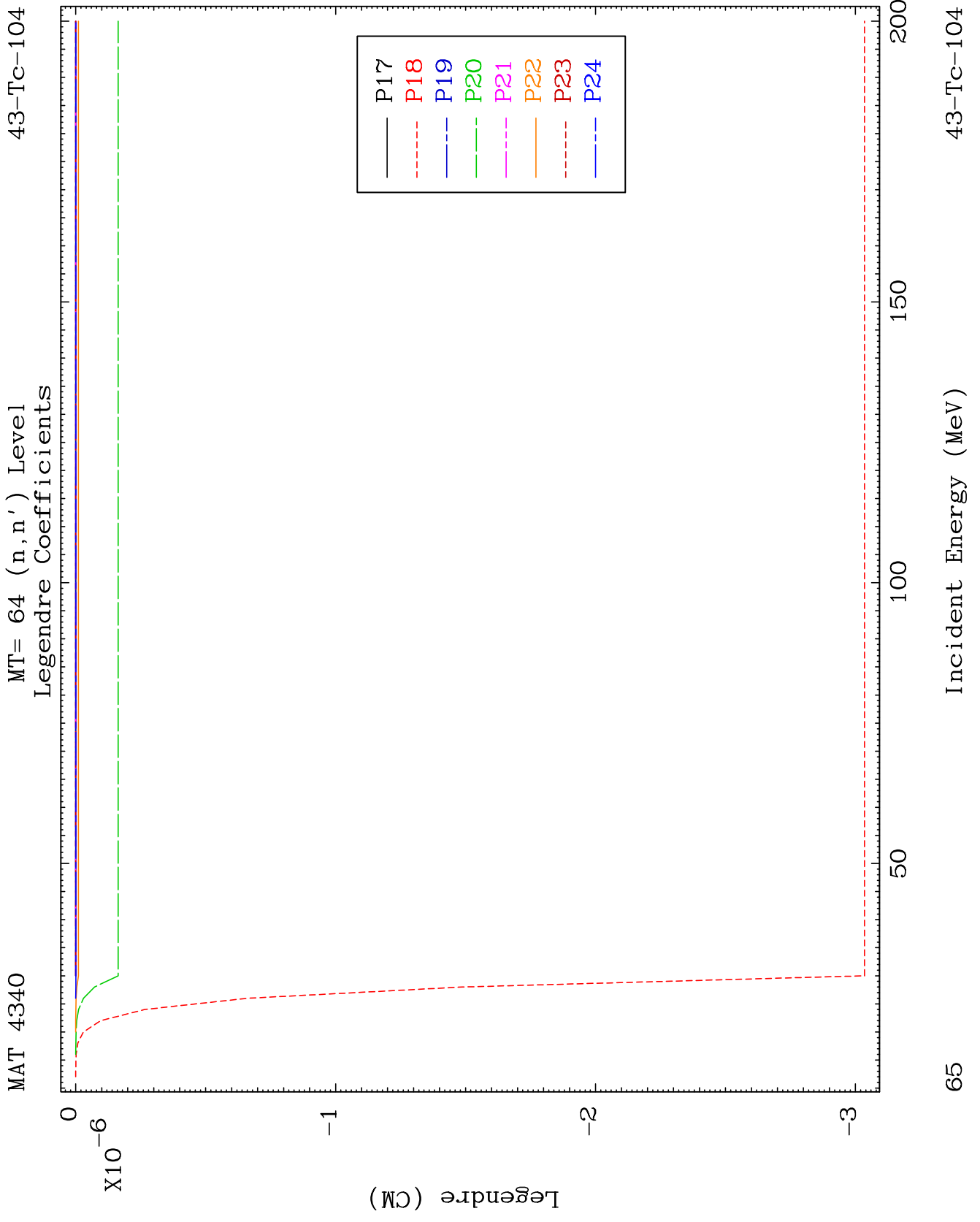
MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-104





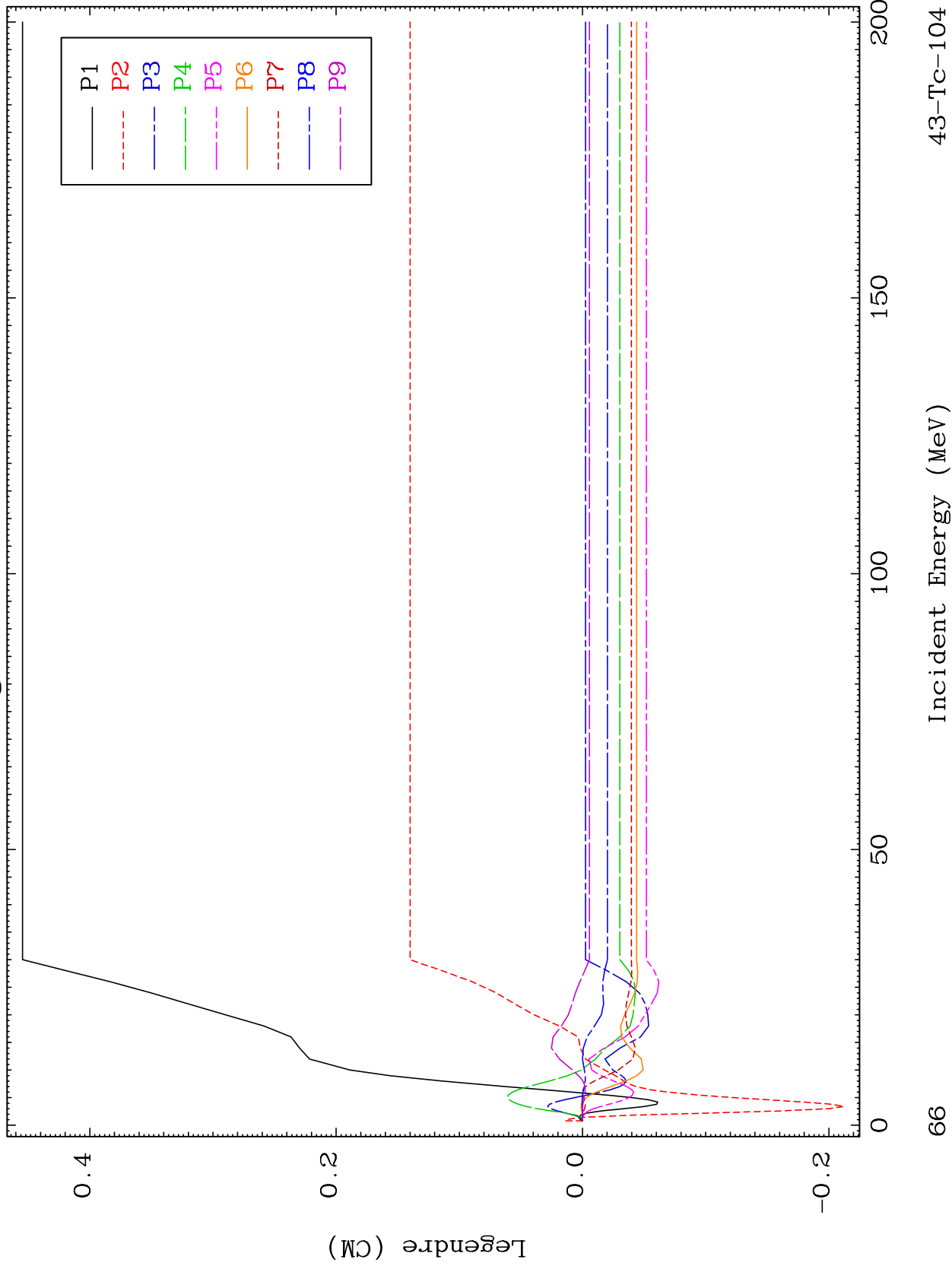




MAT 4340

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

43-Tc-104



43-Tc-104

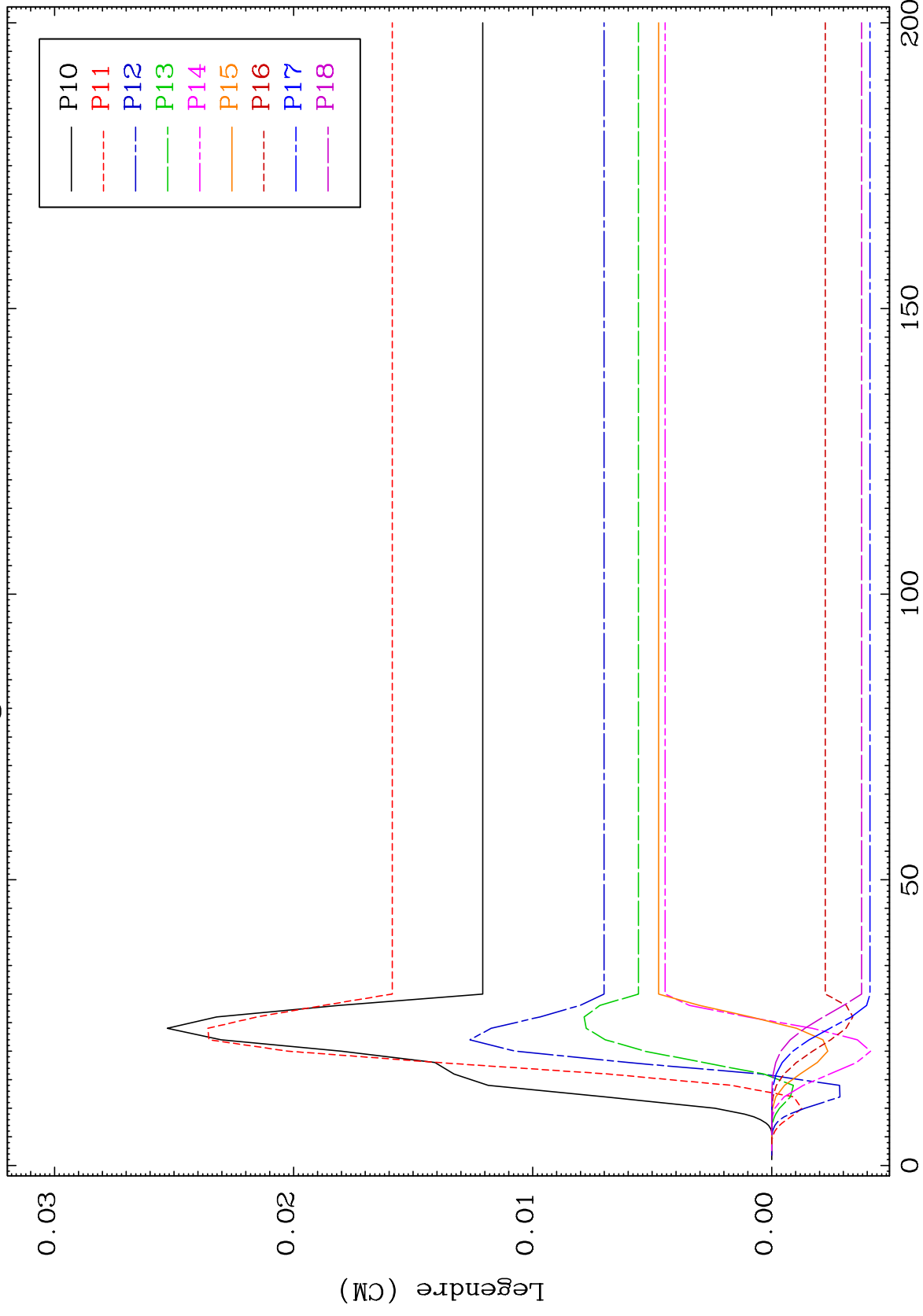
Incident Energy (MeV)

66

MAT 4340

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

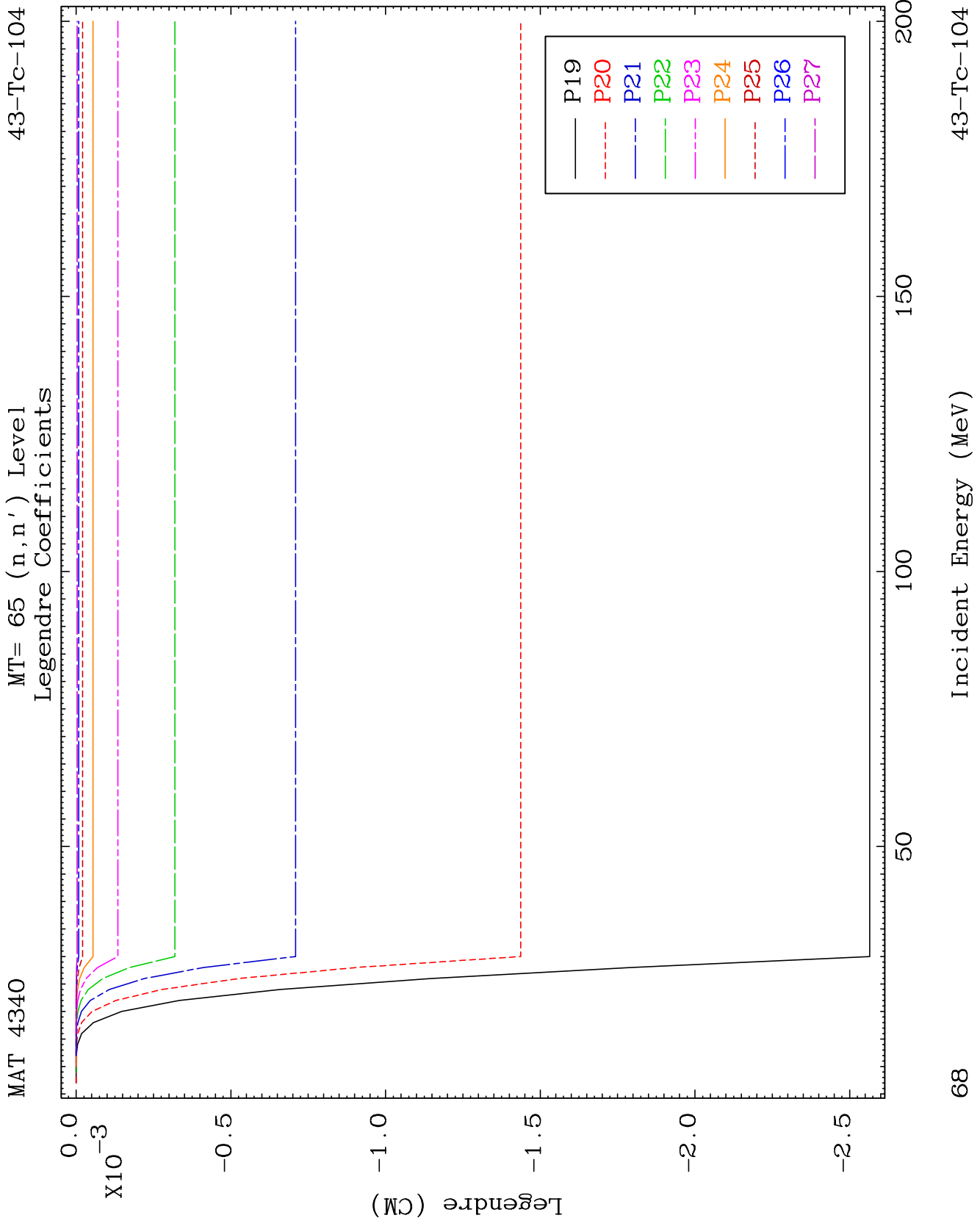
43-Tc-104

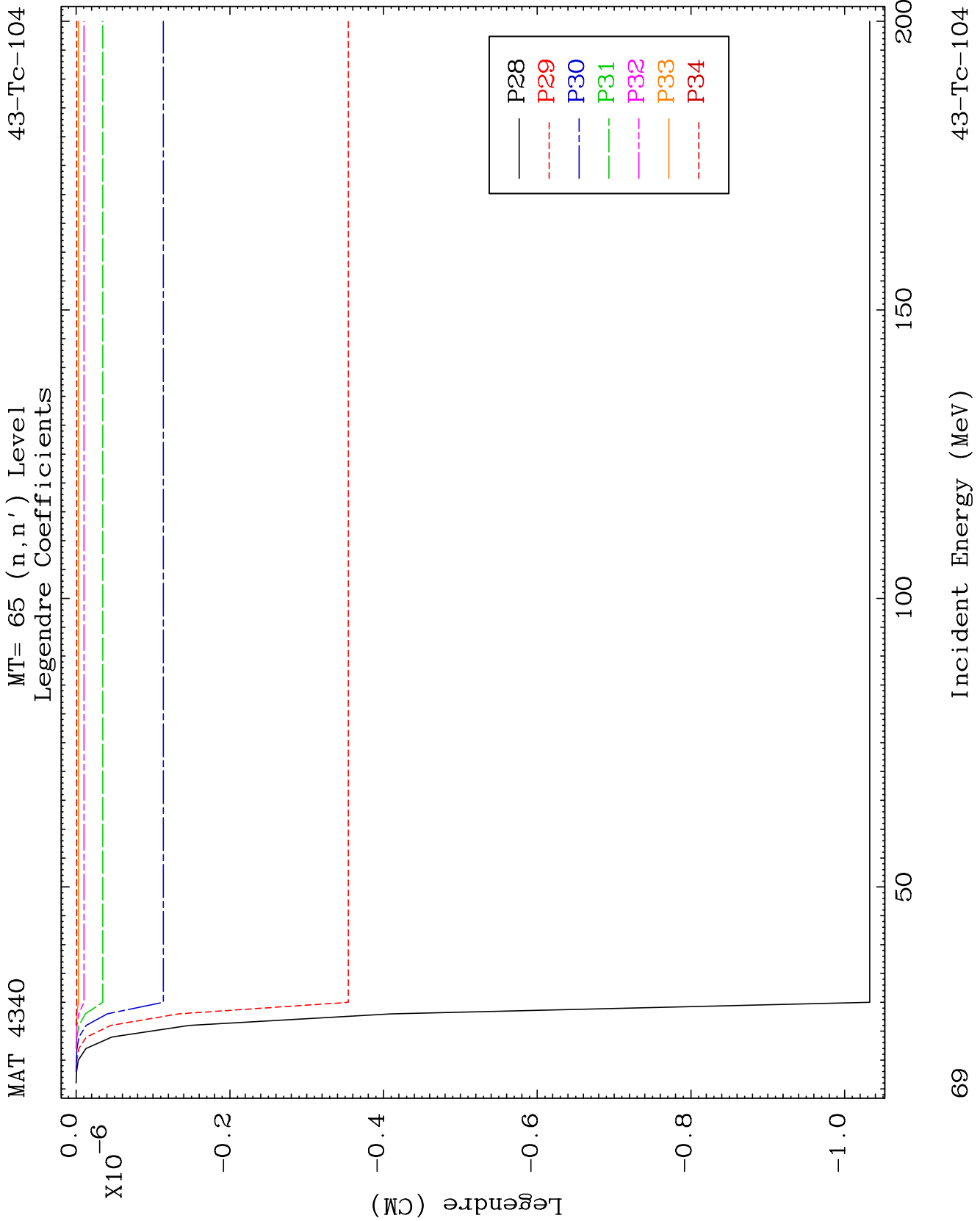


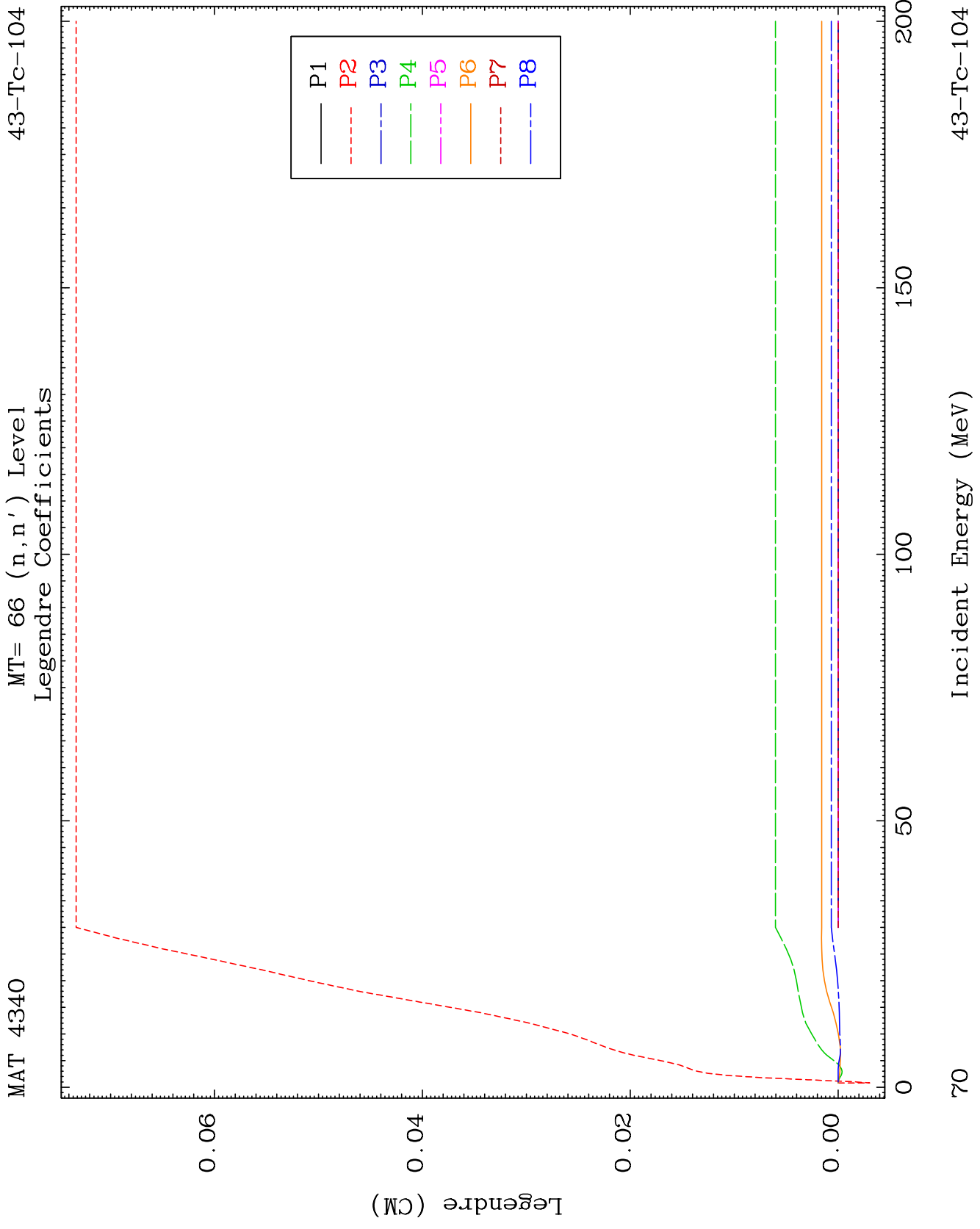
67

Incident Energy (MeV)

43-Tc-104



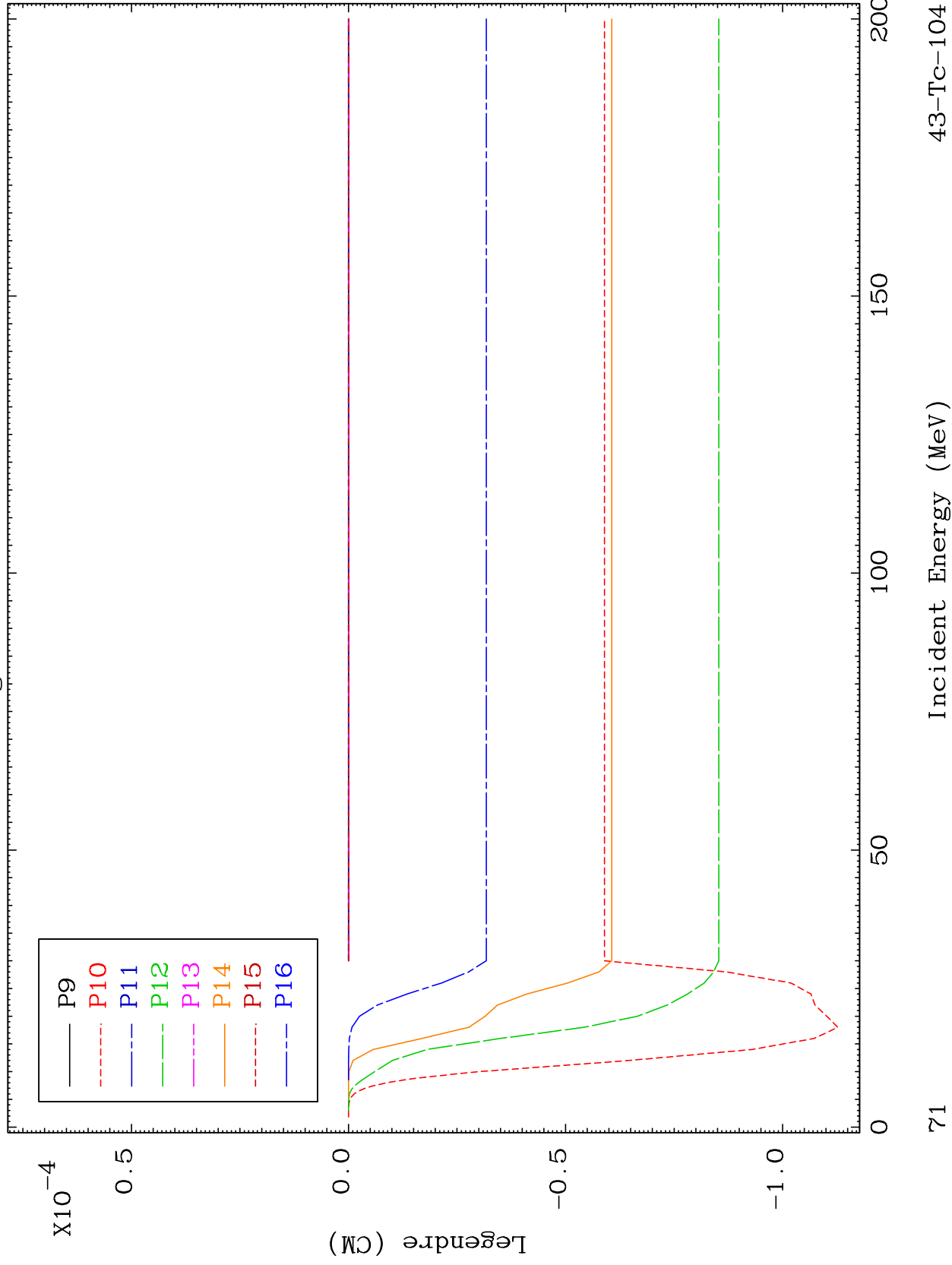


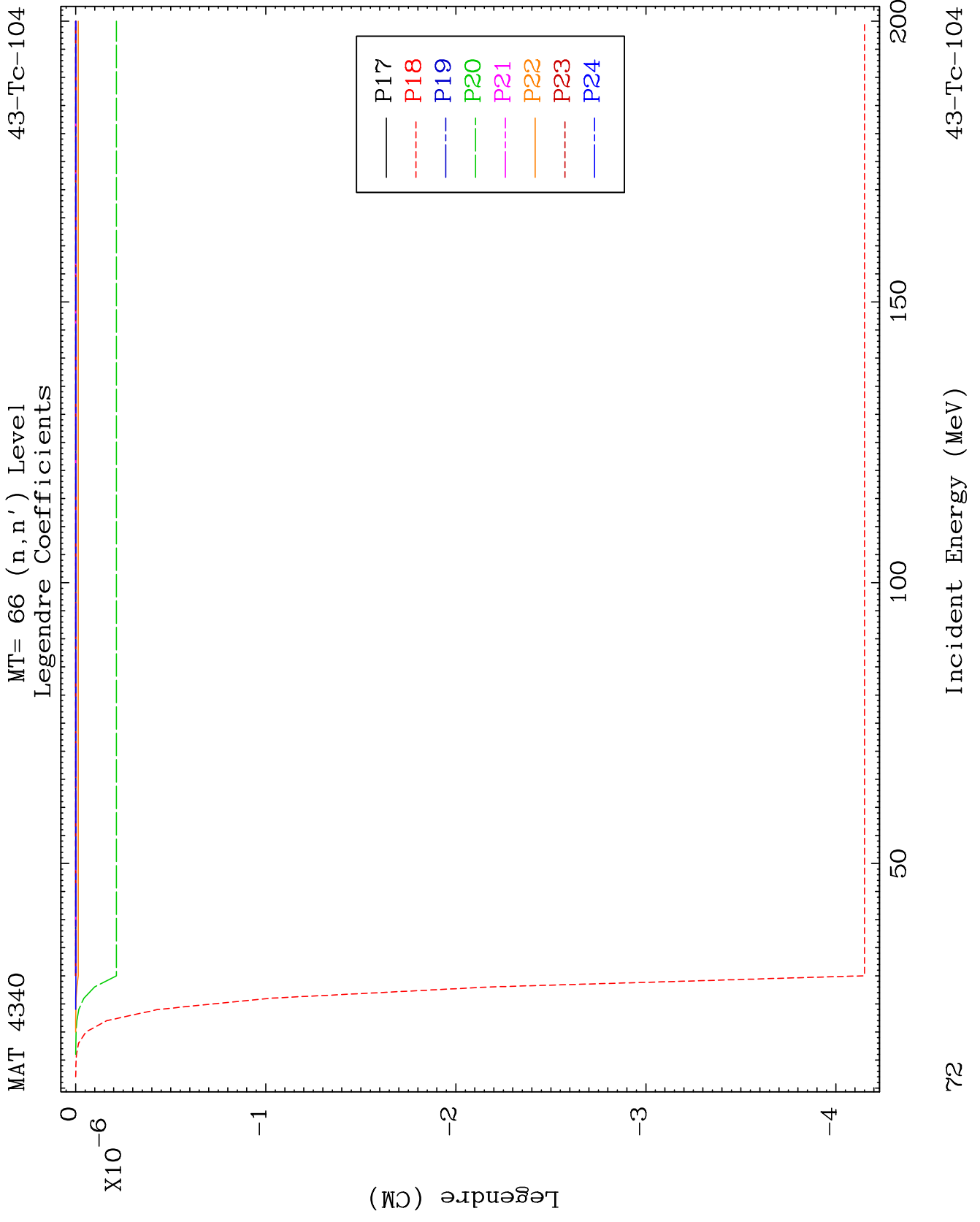


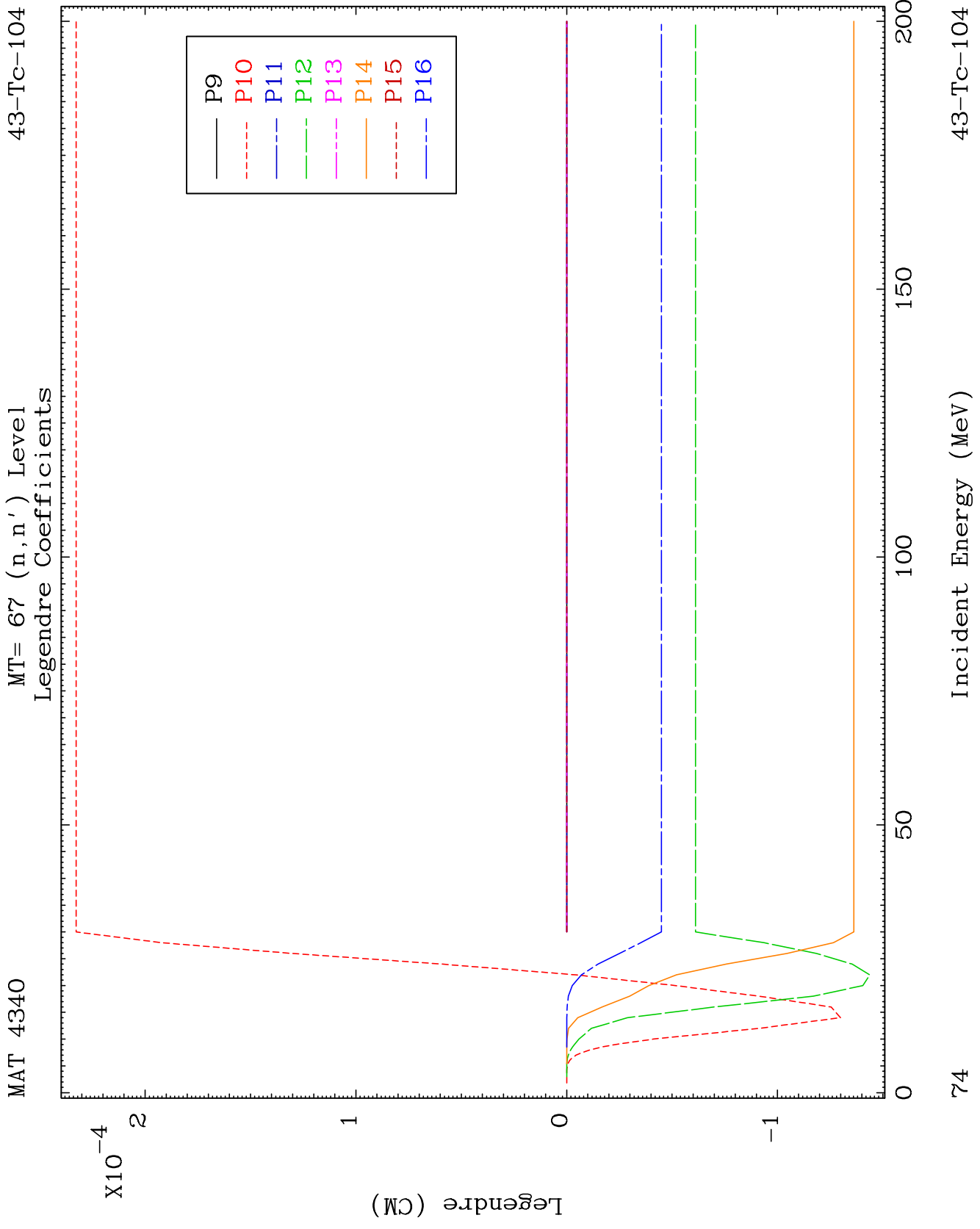
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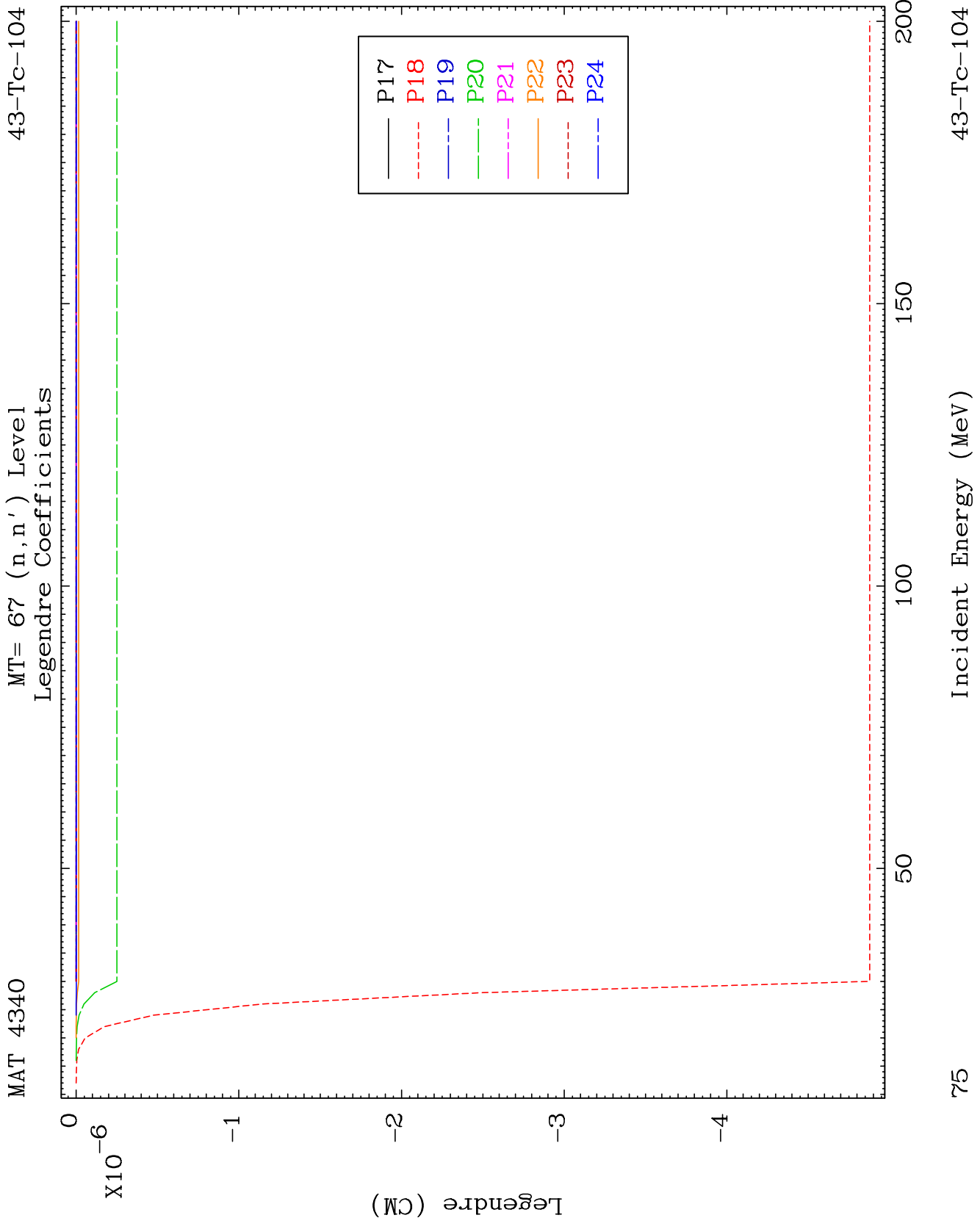
MT= 66 (n,n') Level
Legendre Coefficients

43-Tc-104





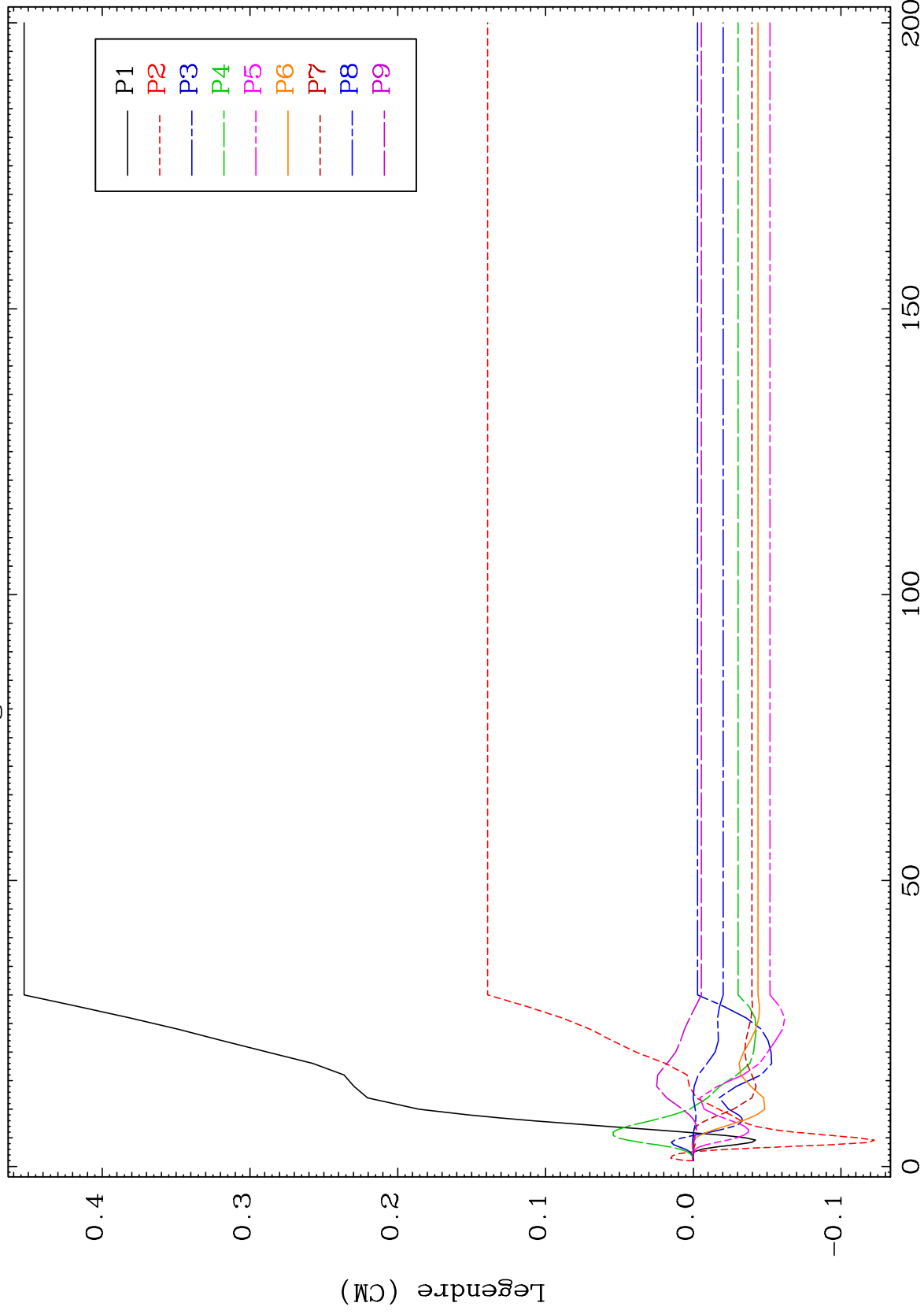




MAT 4340

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

43-Tc-104



76

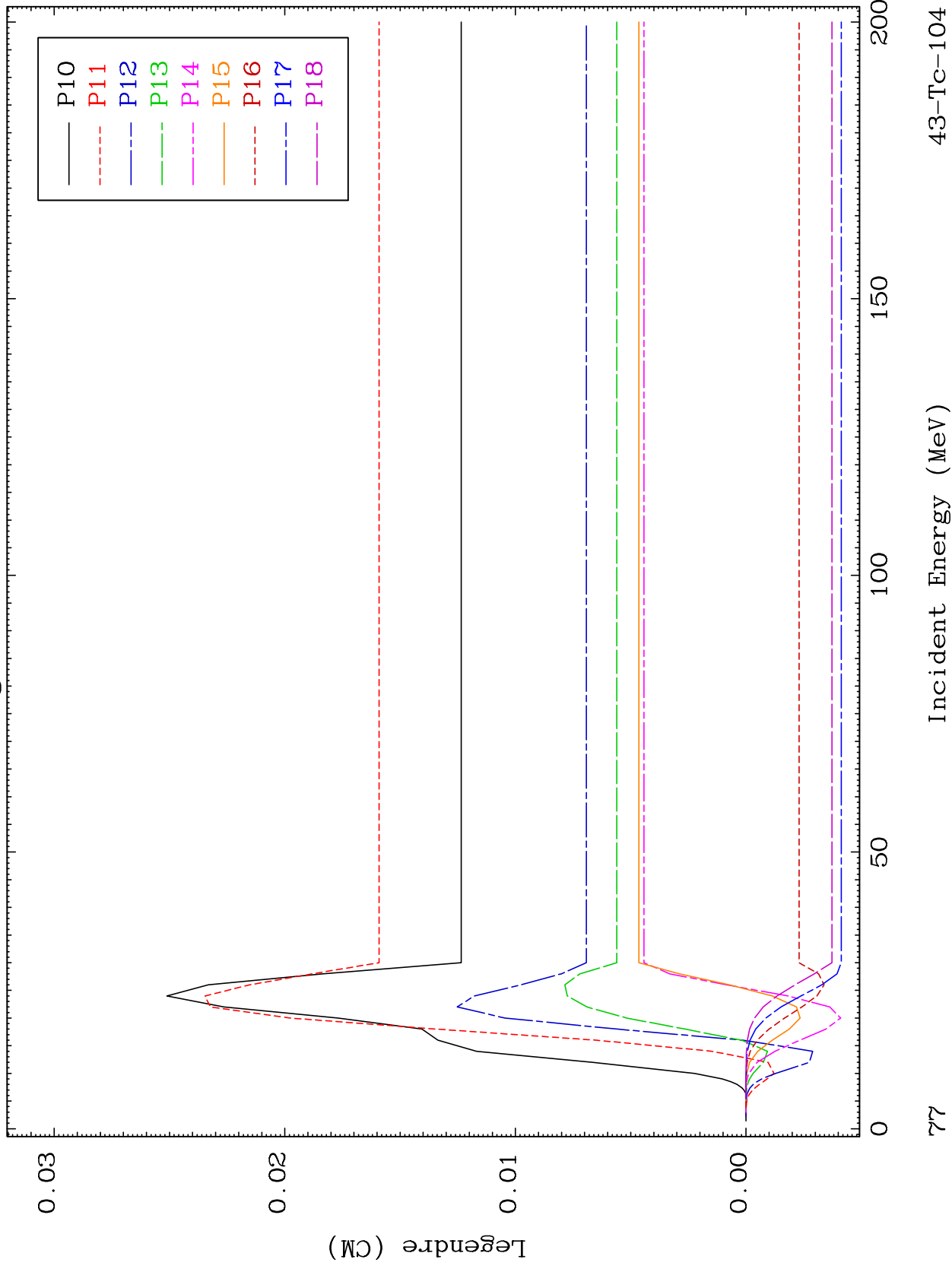
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

43-Tc-104



77

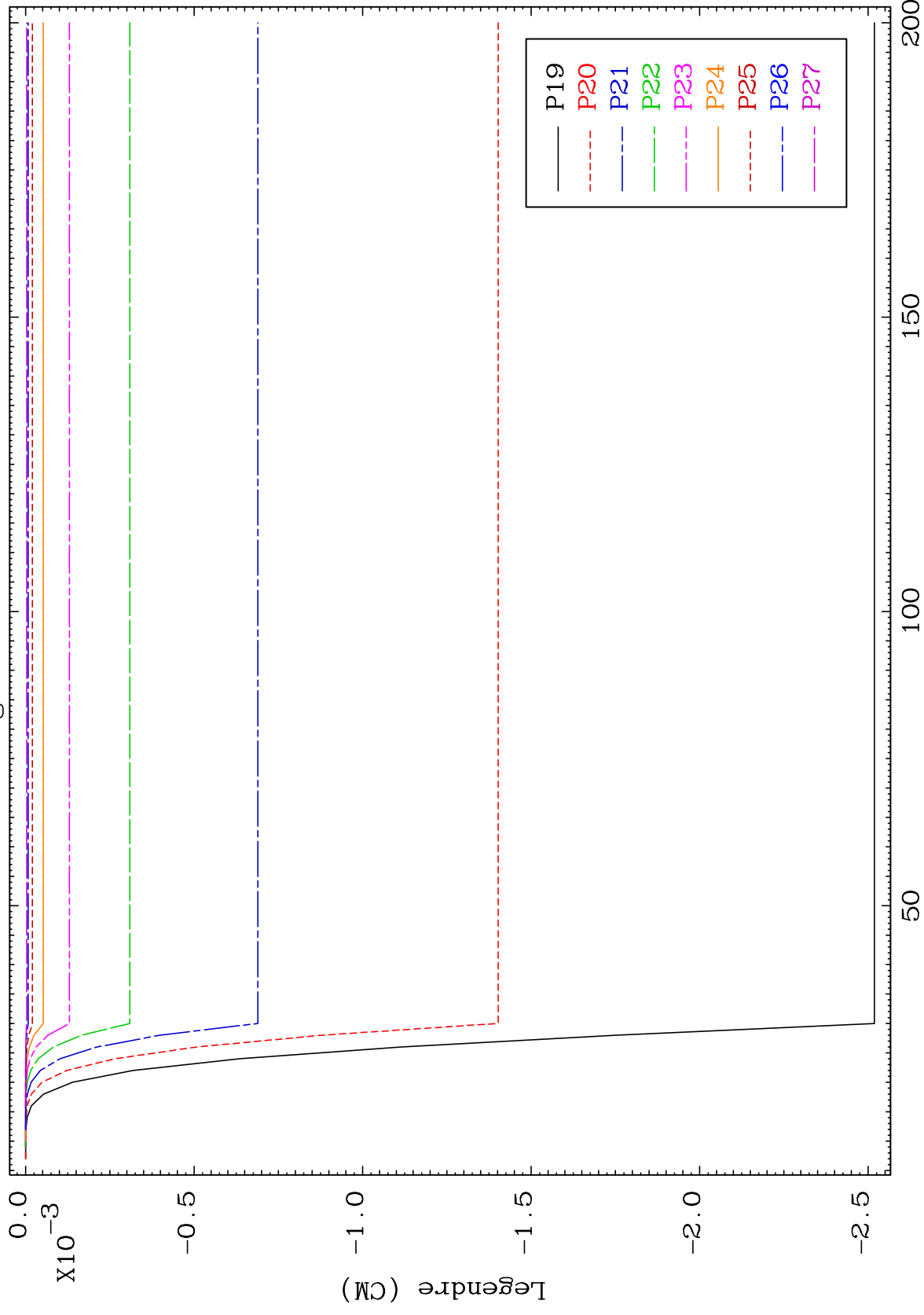
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

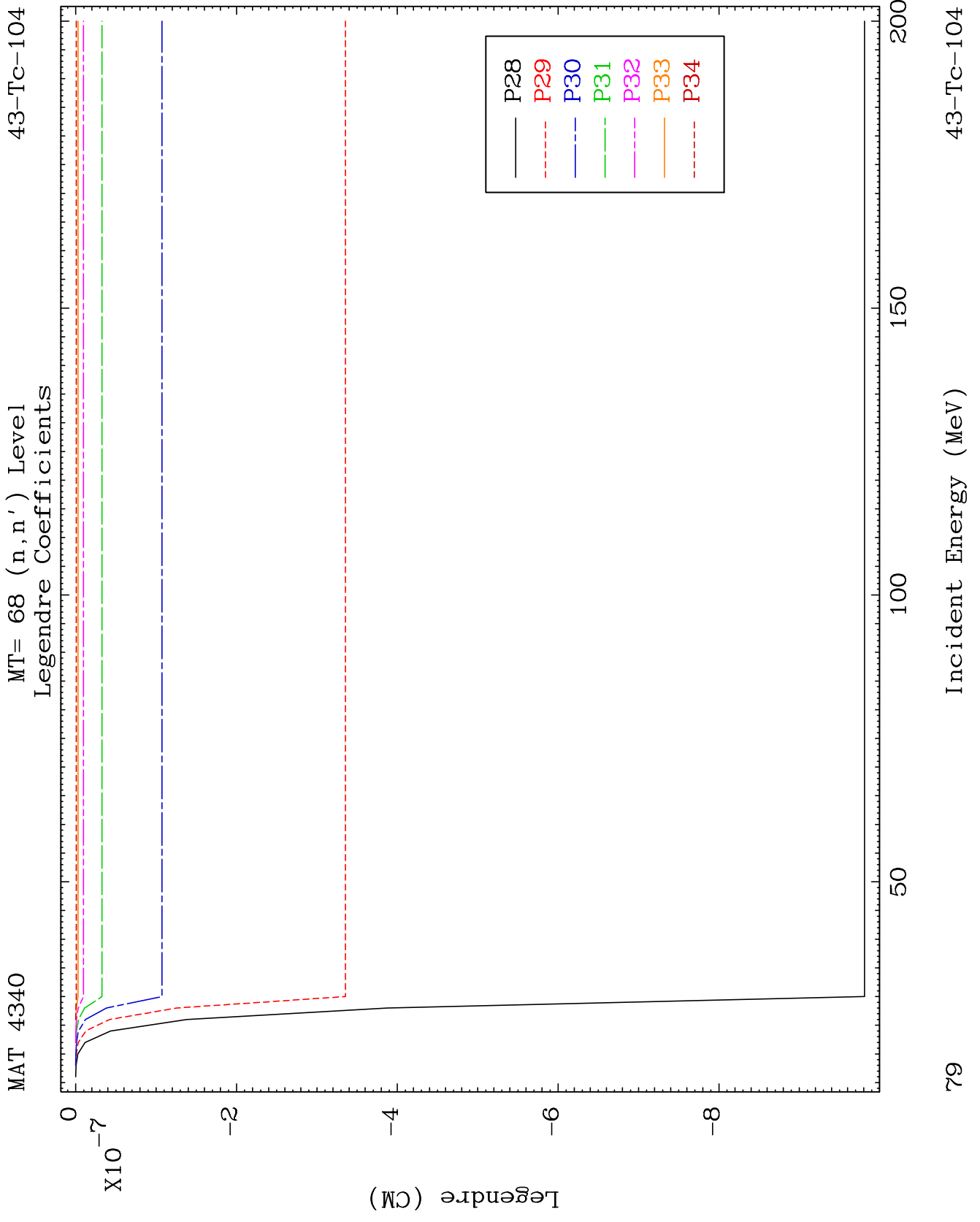
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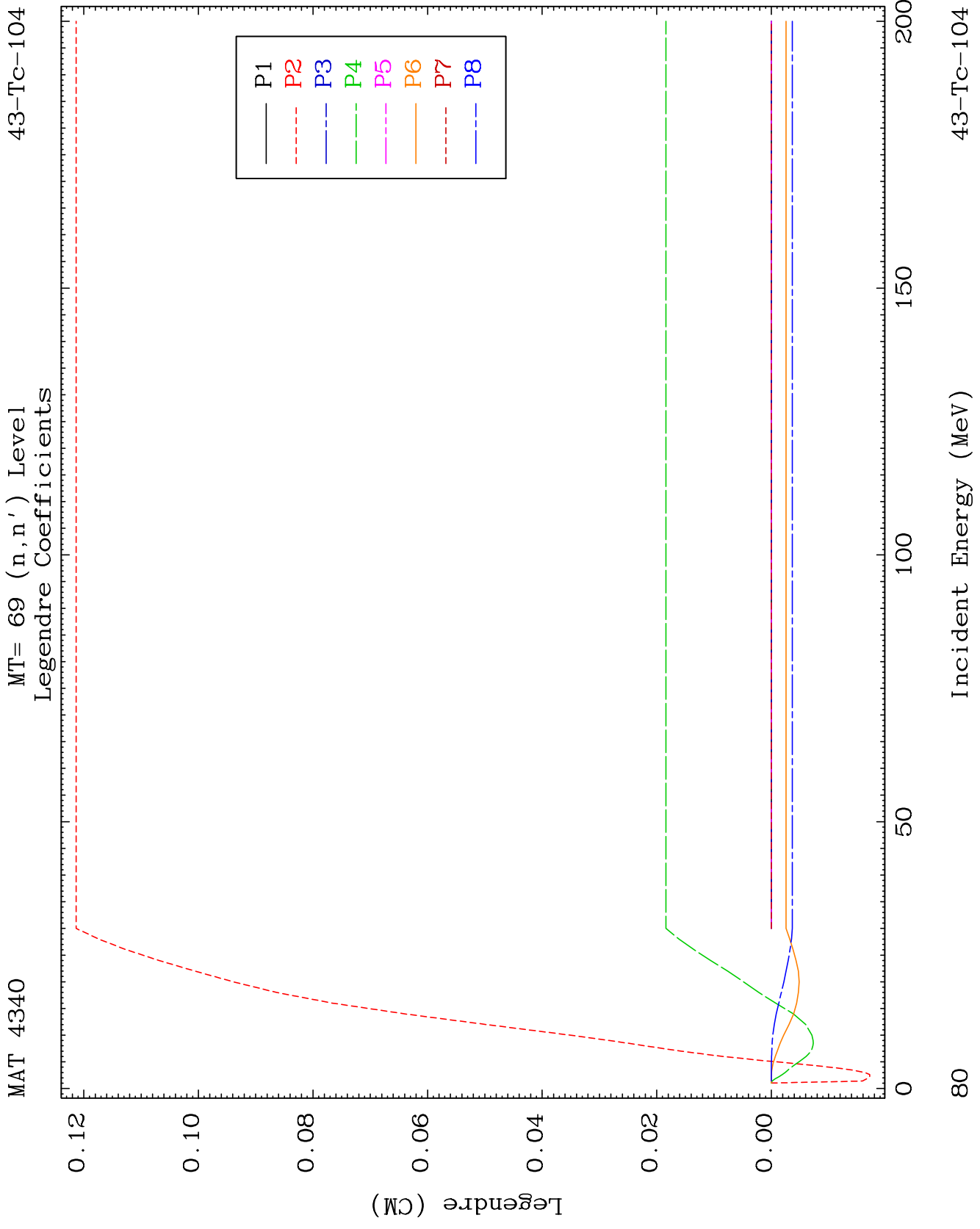


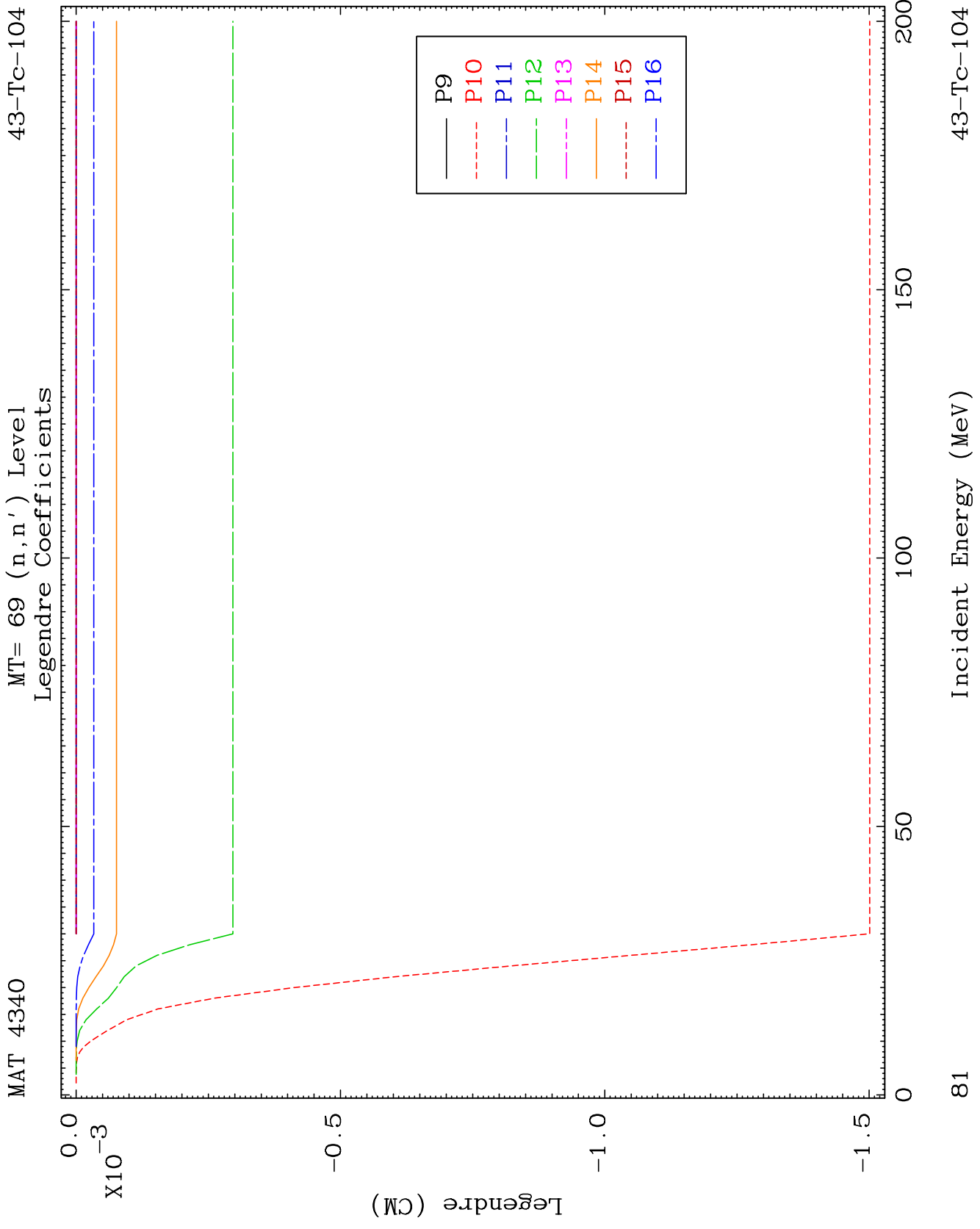
78

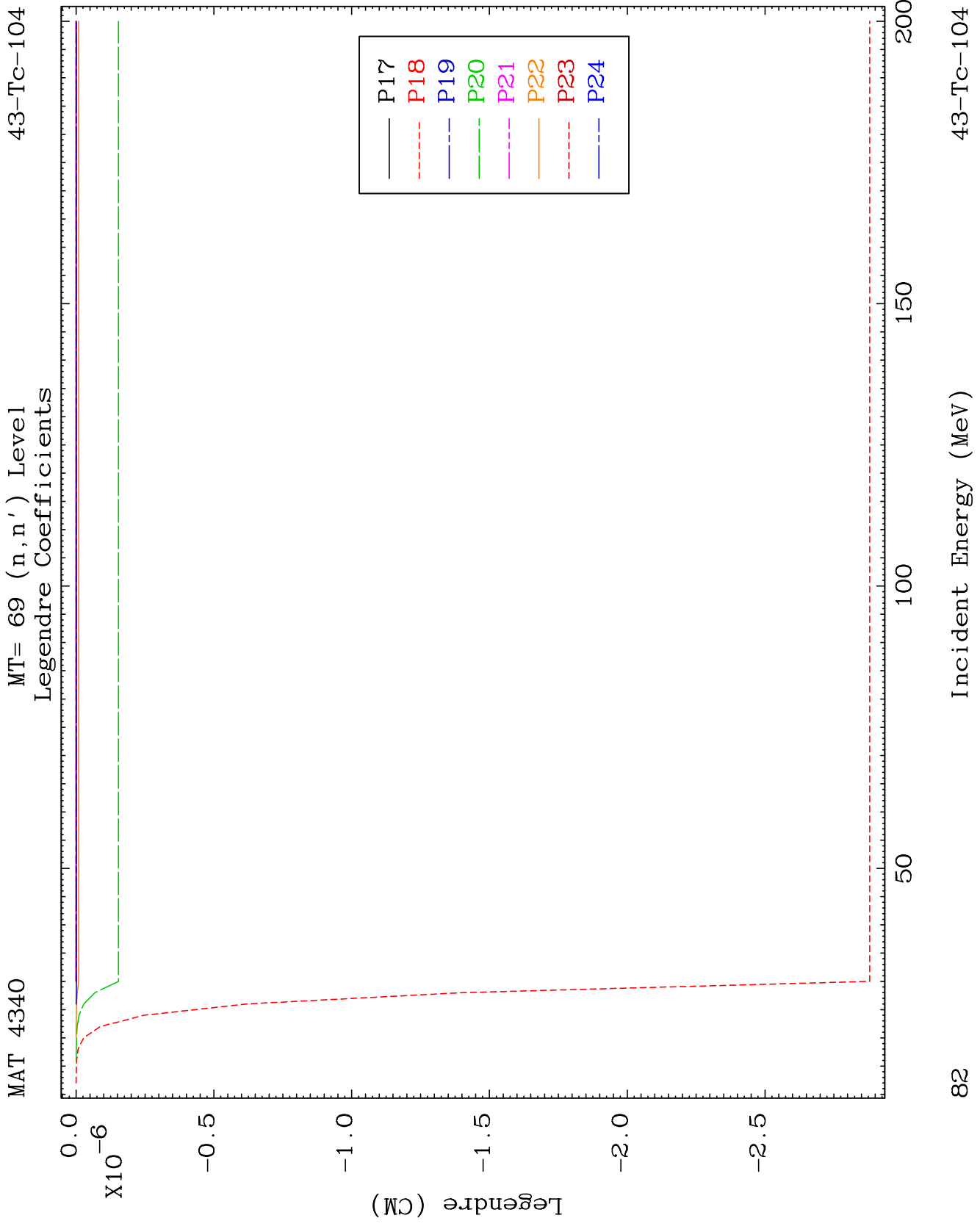
Incident Energy (MeV)

43-Tc-104





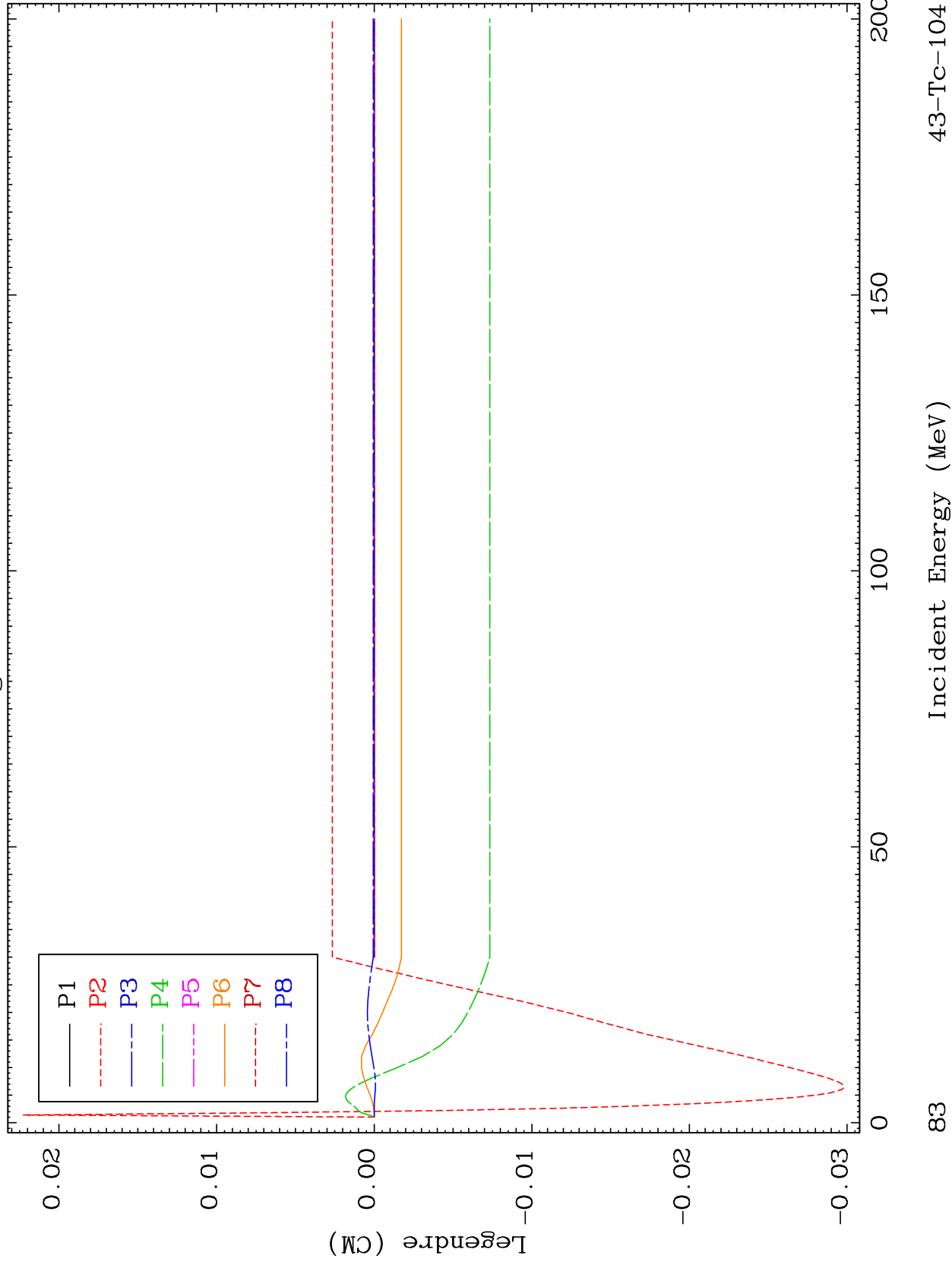




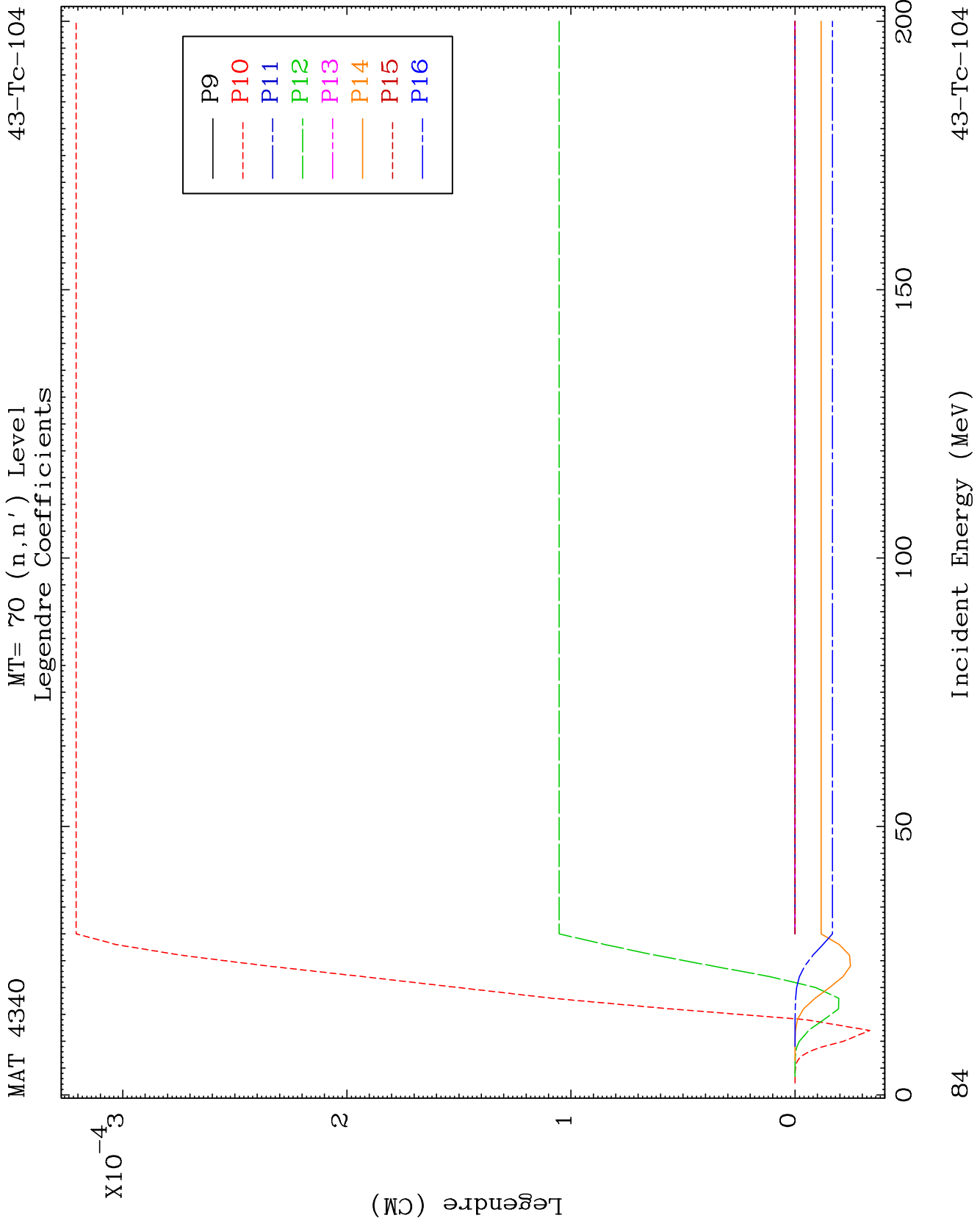
MAT 4340

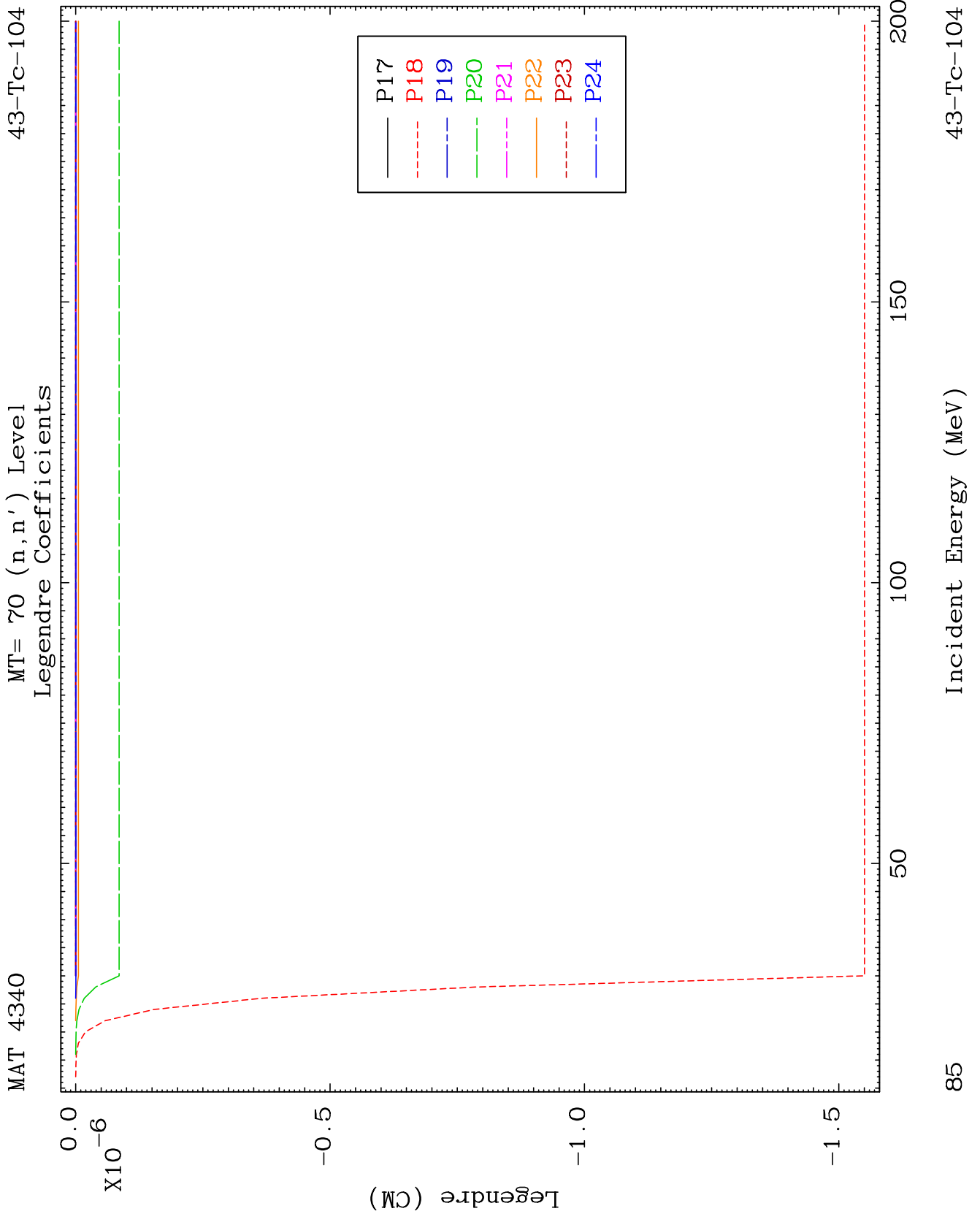
MT= 70 (n,n') Level
Legendre Coefficients

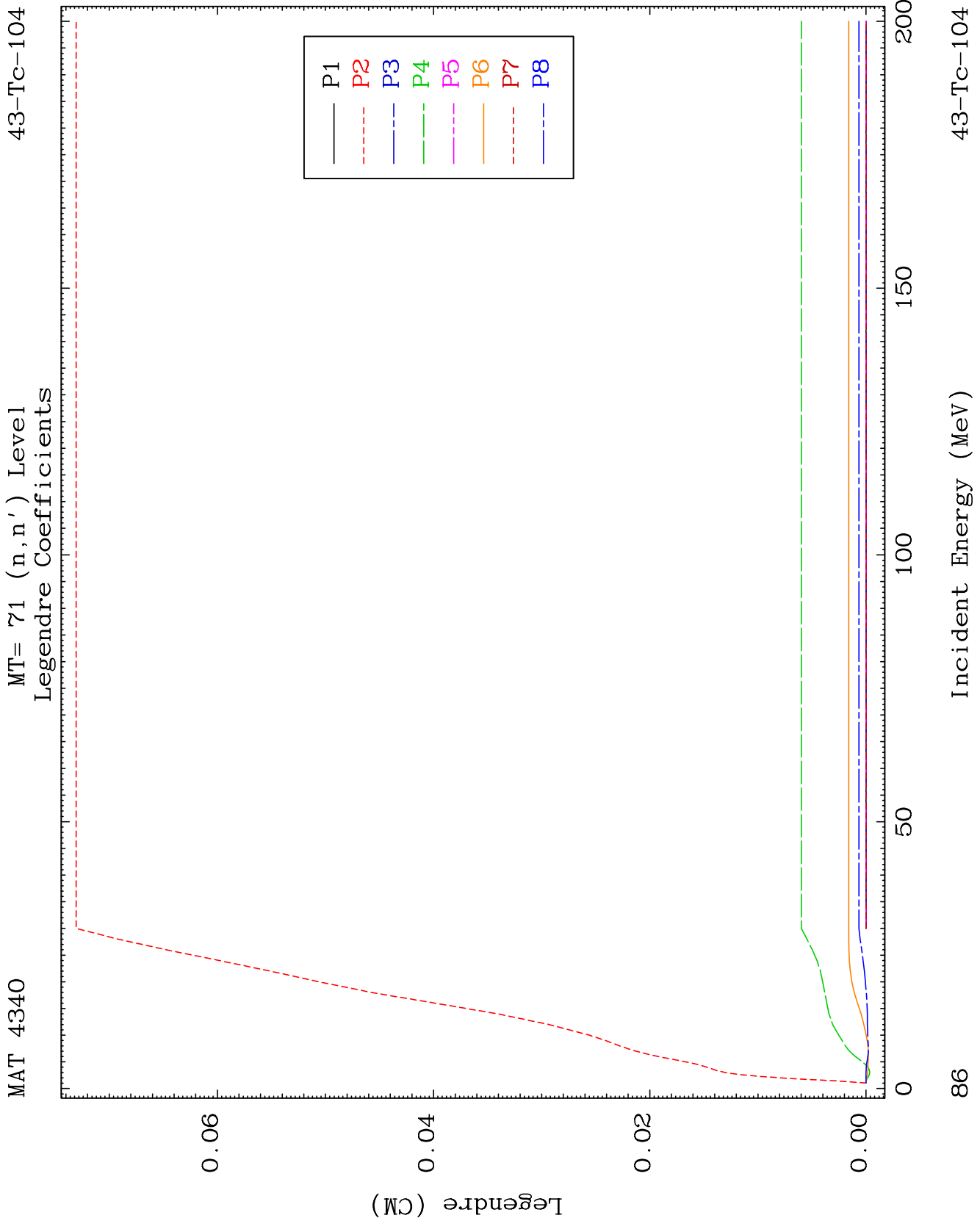
43-Tc-104



83



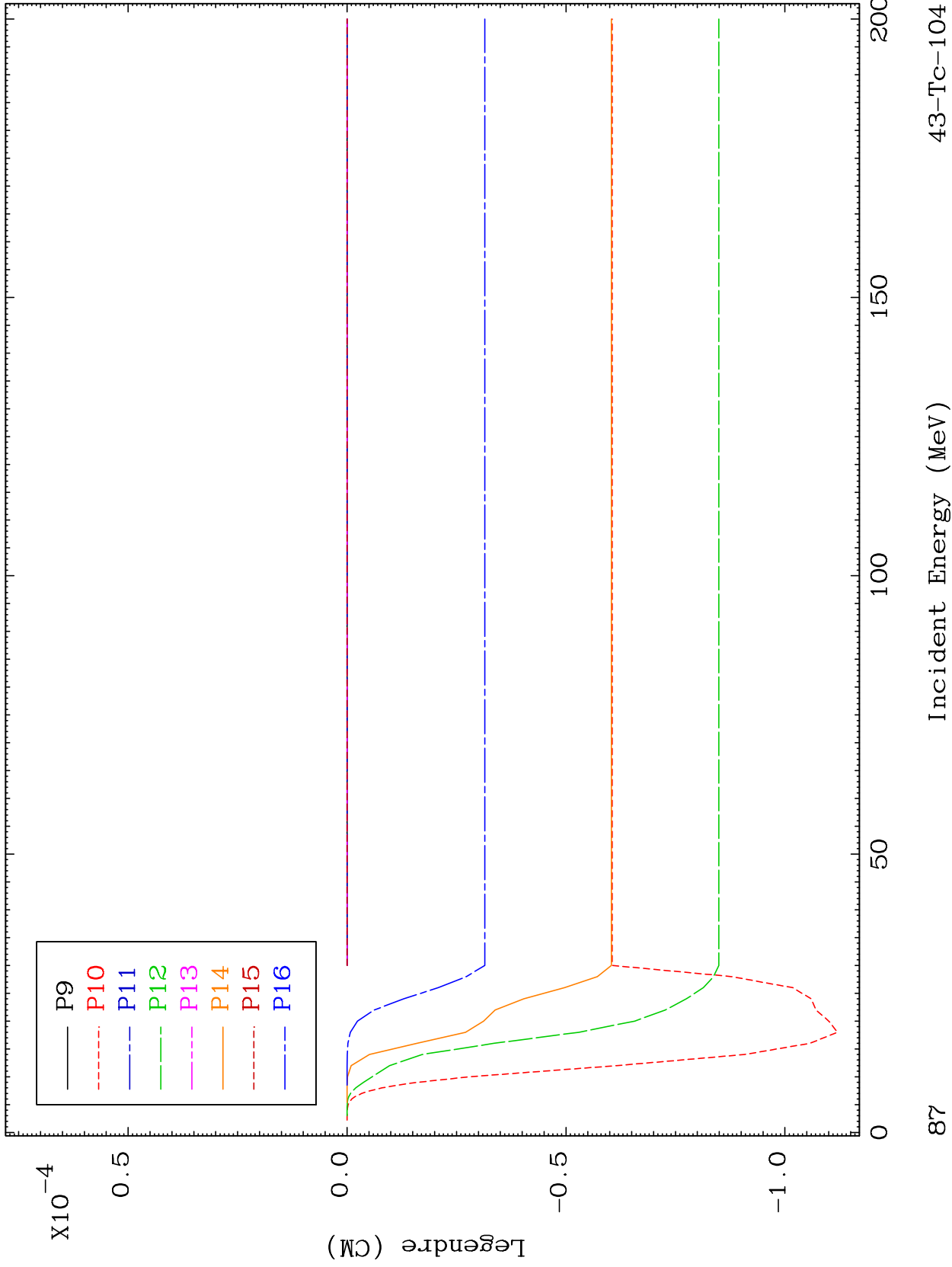


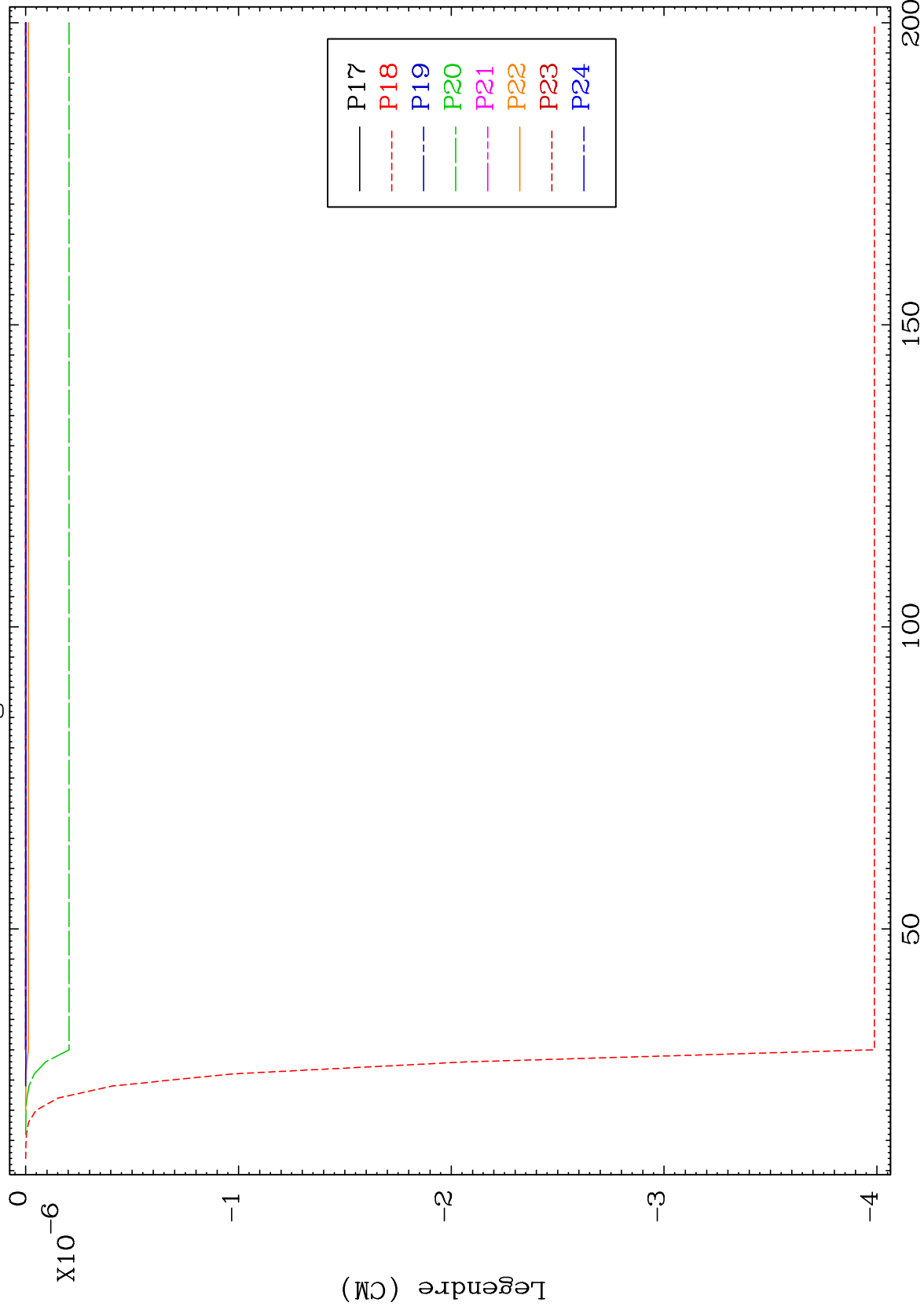


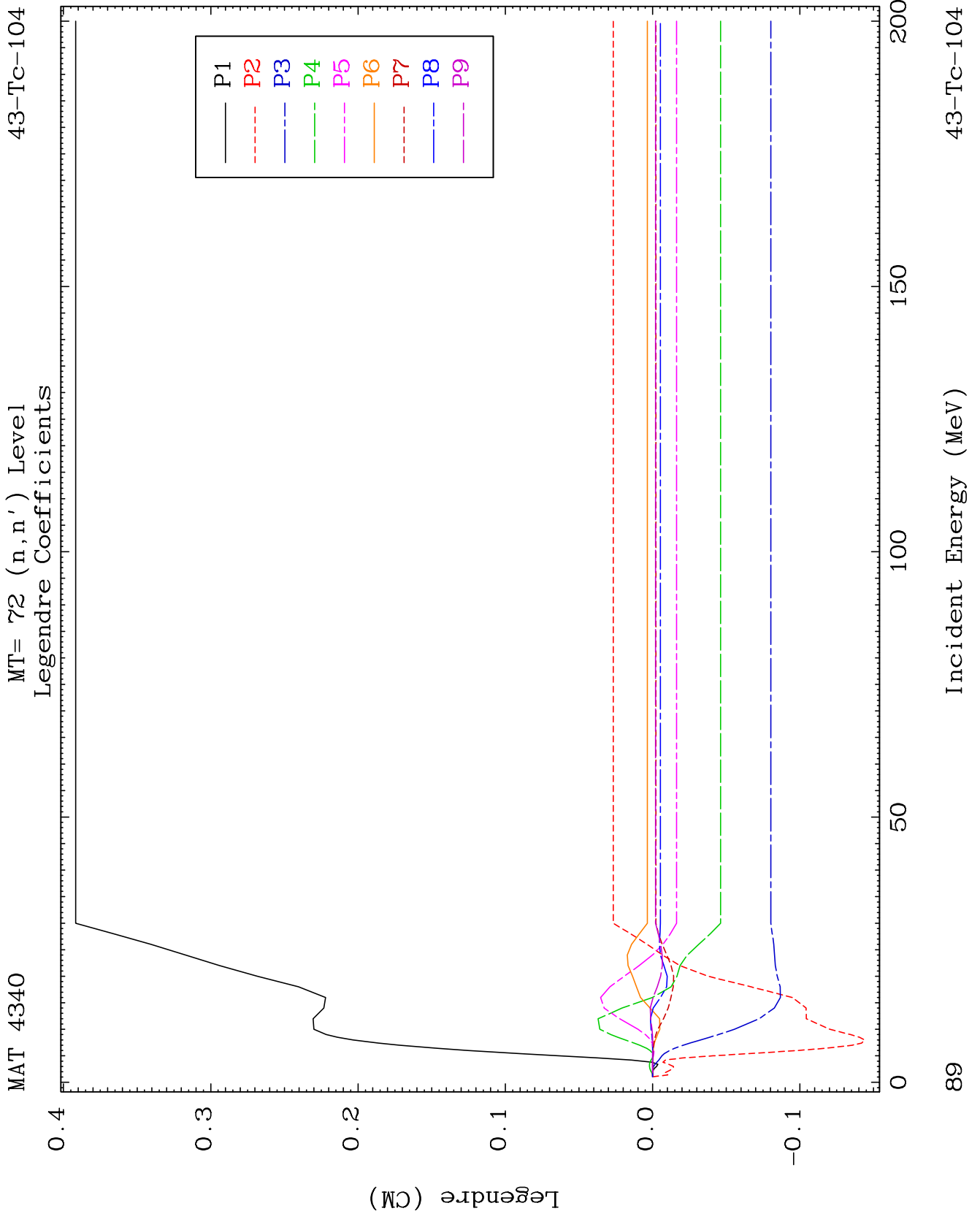
MAT 4340

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

43-Tc-104



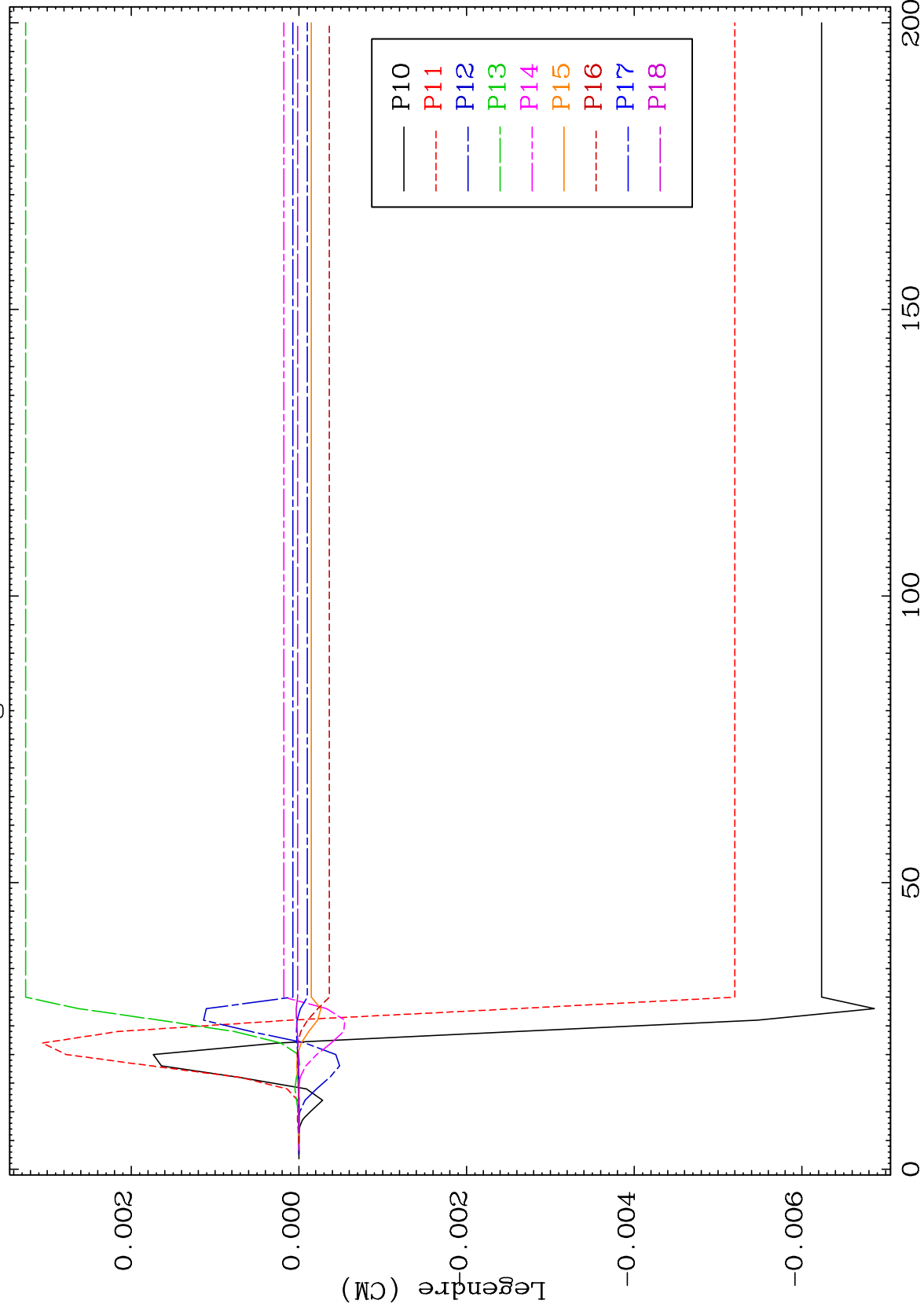




MAT 4340

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

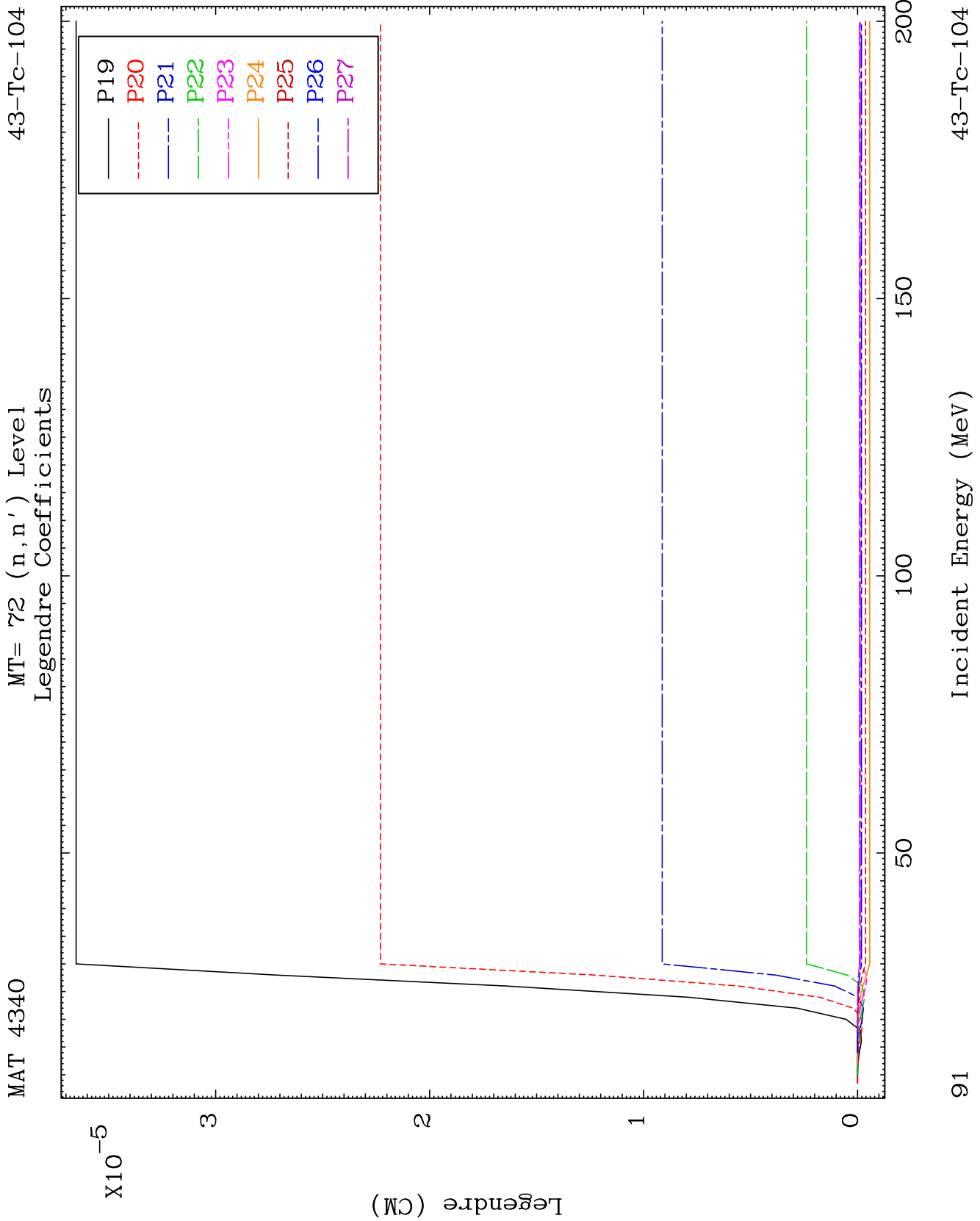
43-Tc-104

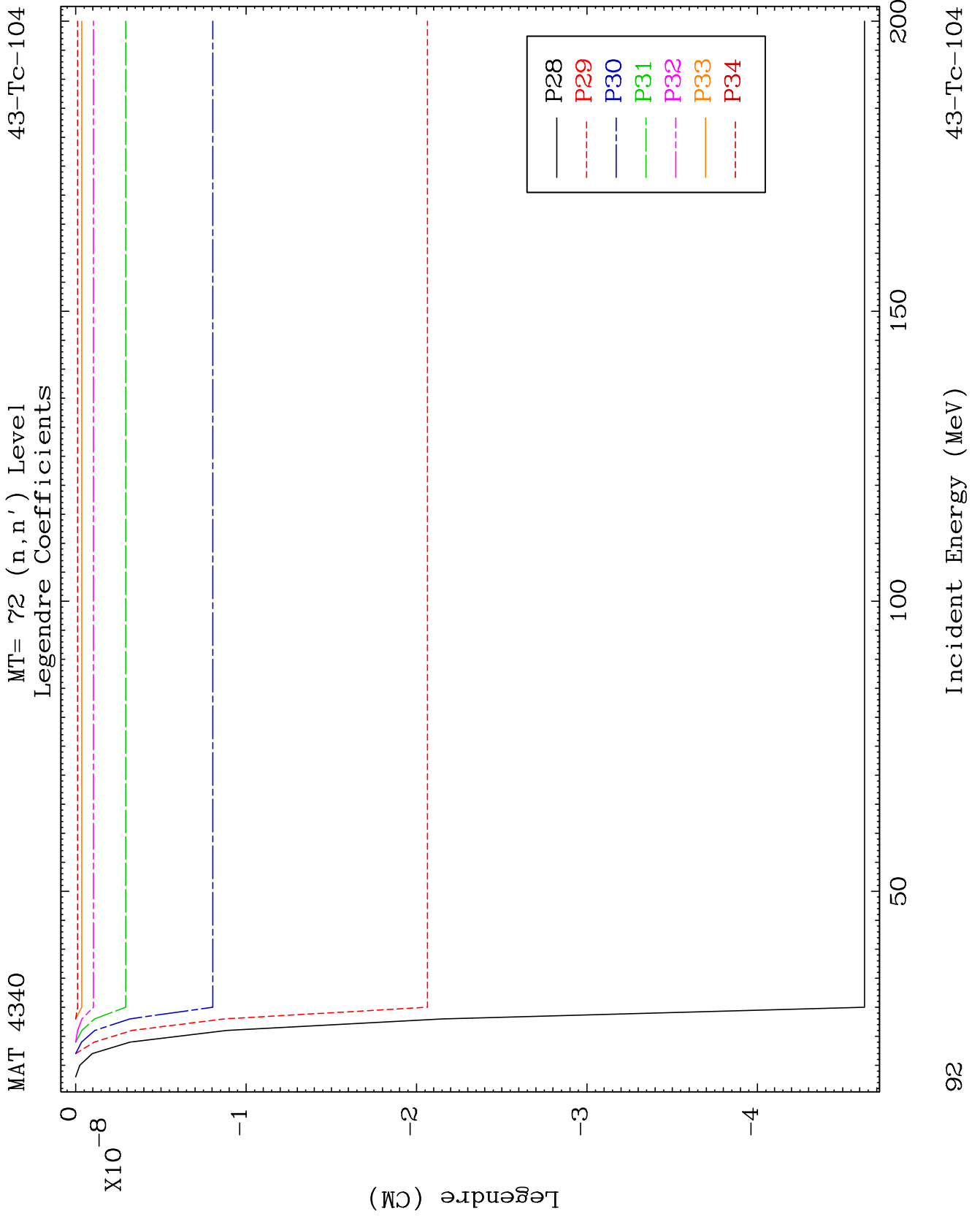


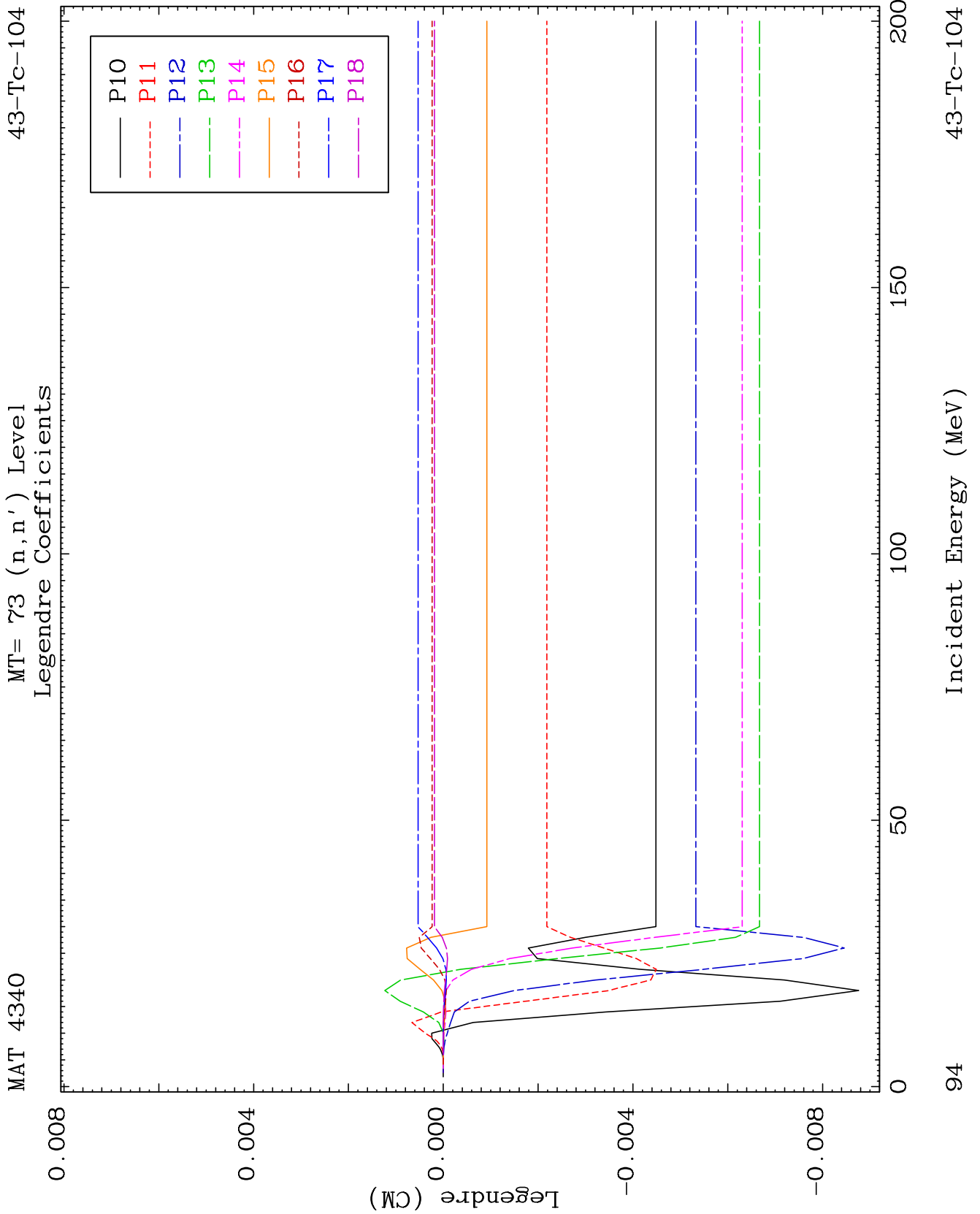
90

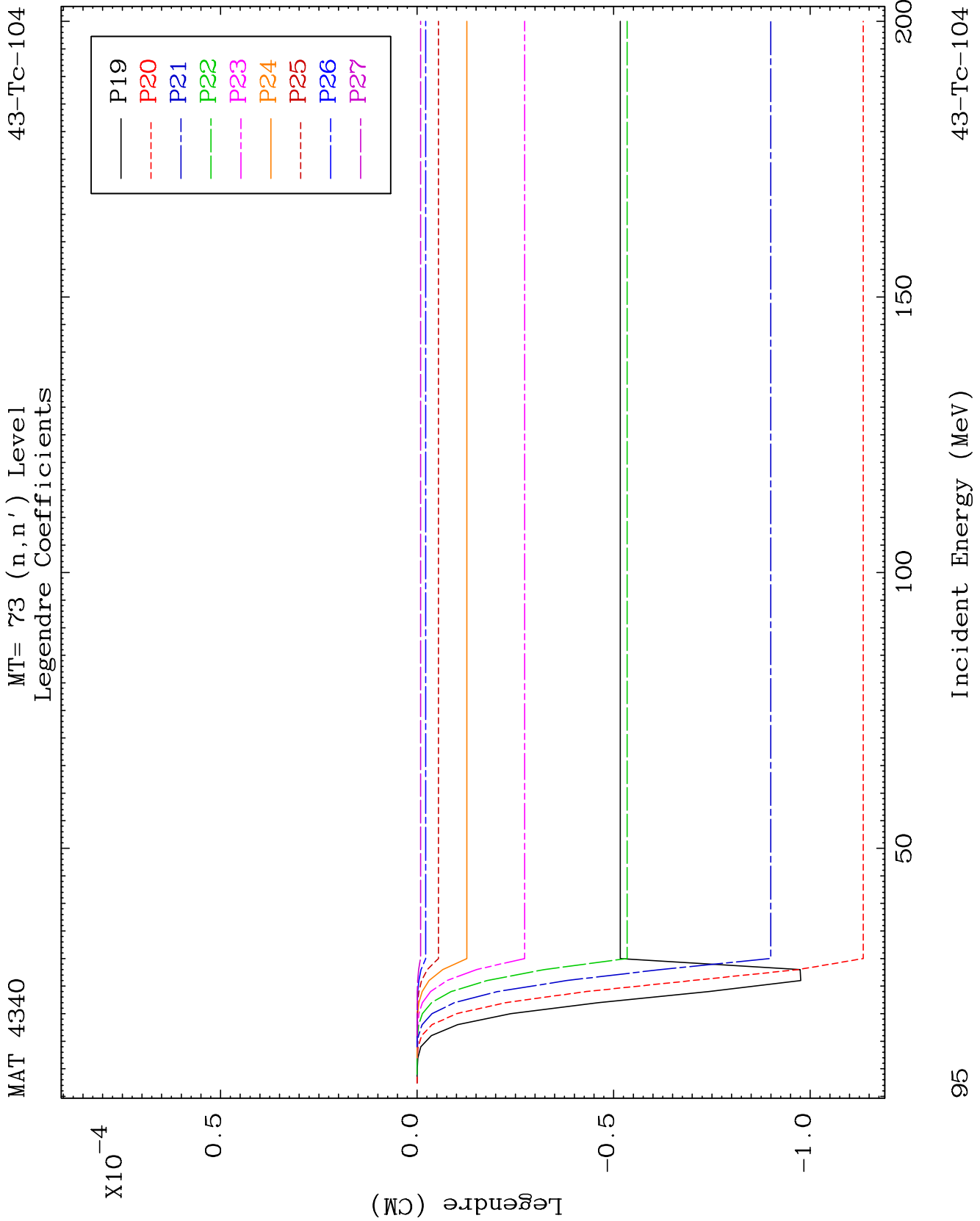
Incident Energy (MeV)

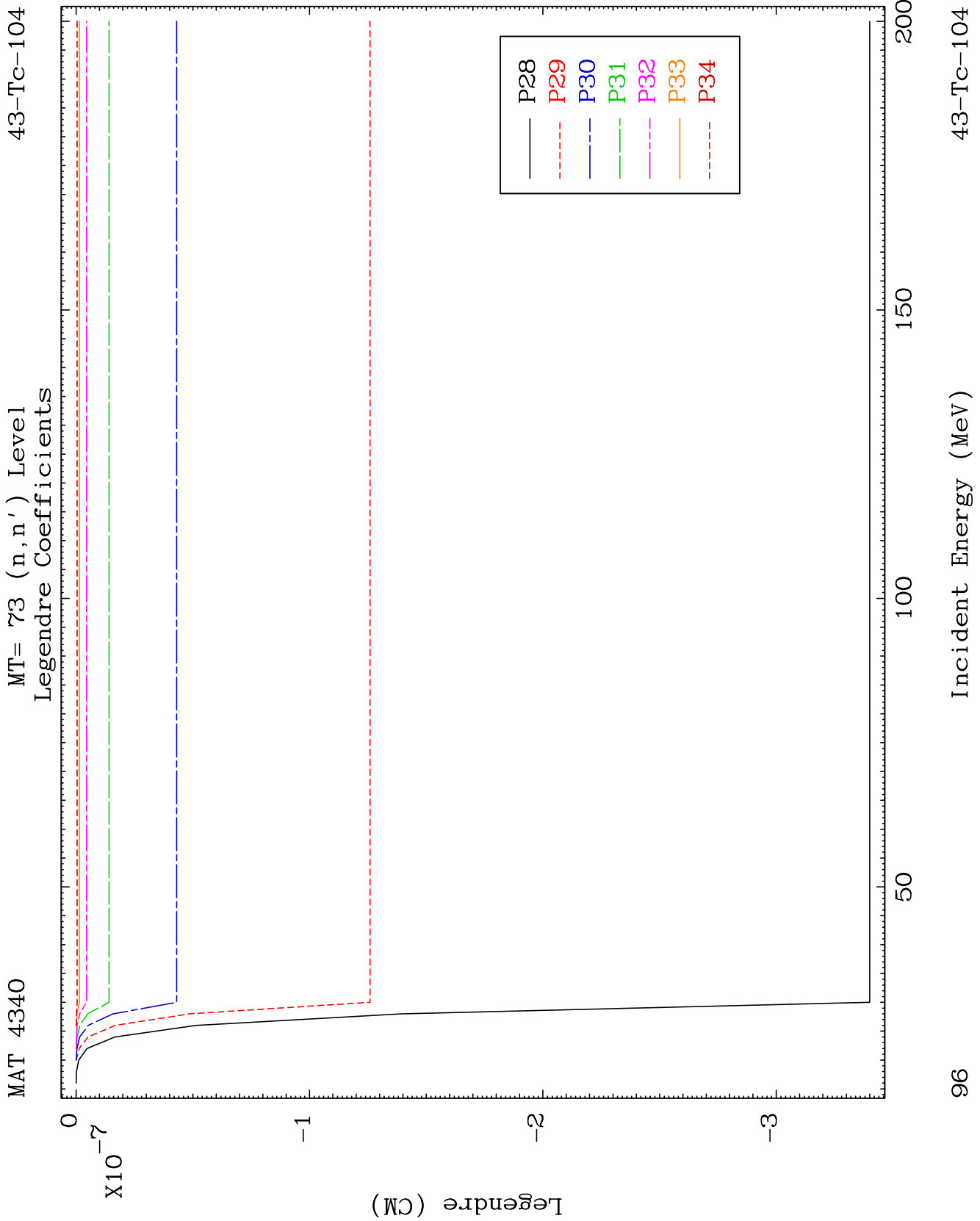
43-Tc-104







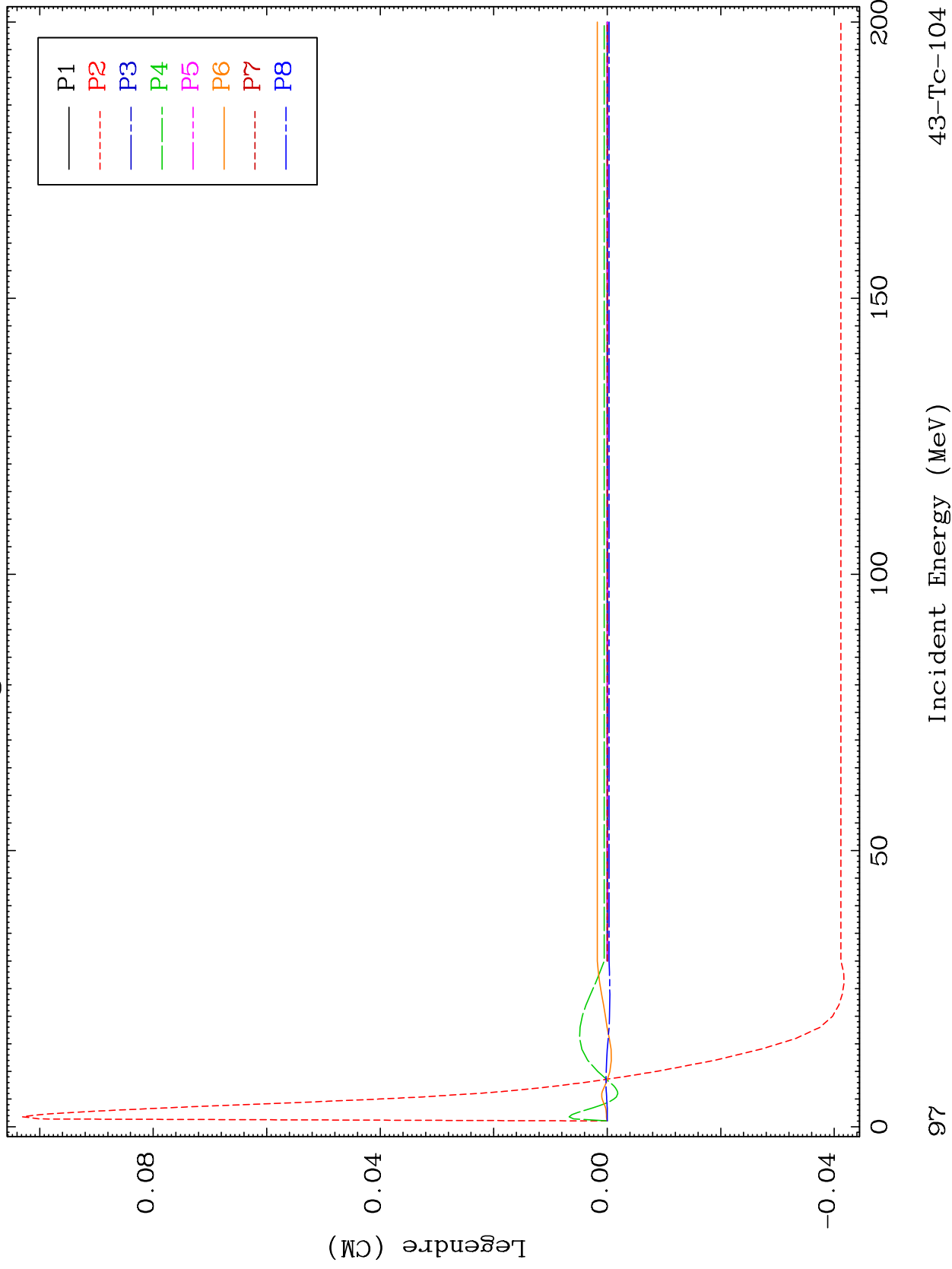




MAT 4340

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

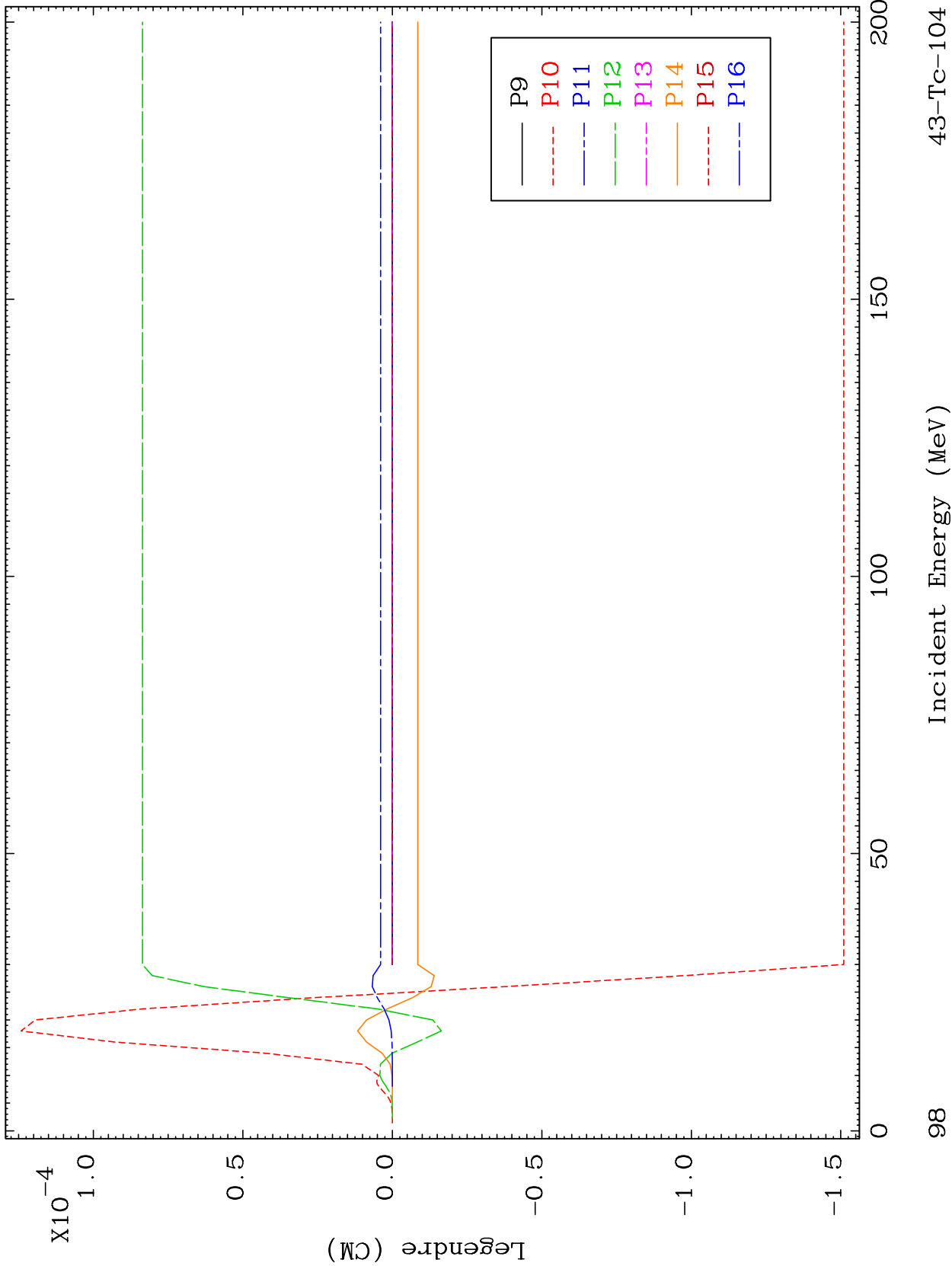
43-Tc-104



MAT 4340

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

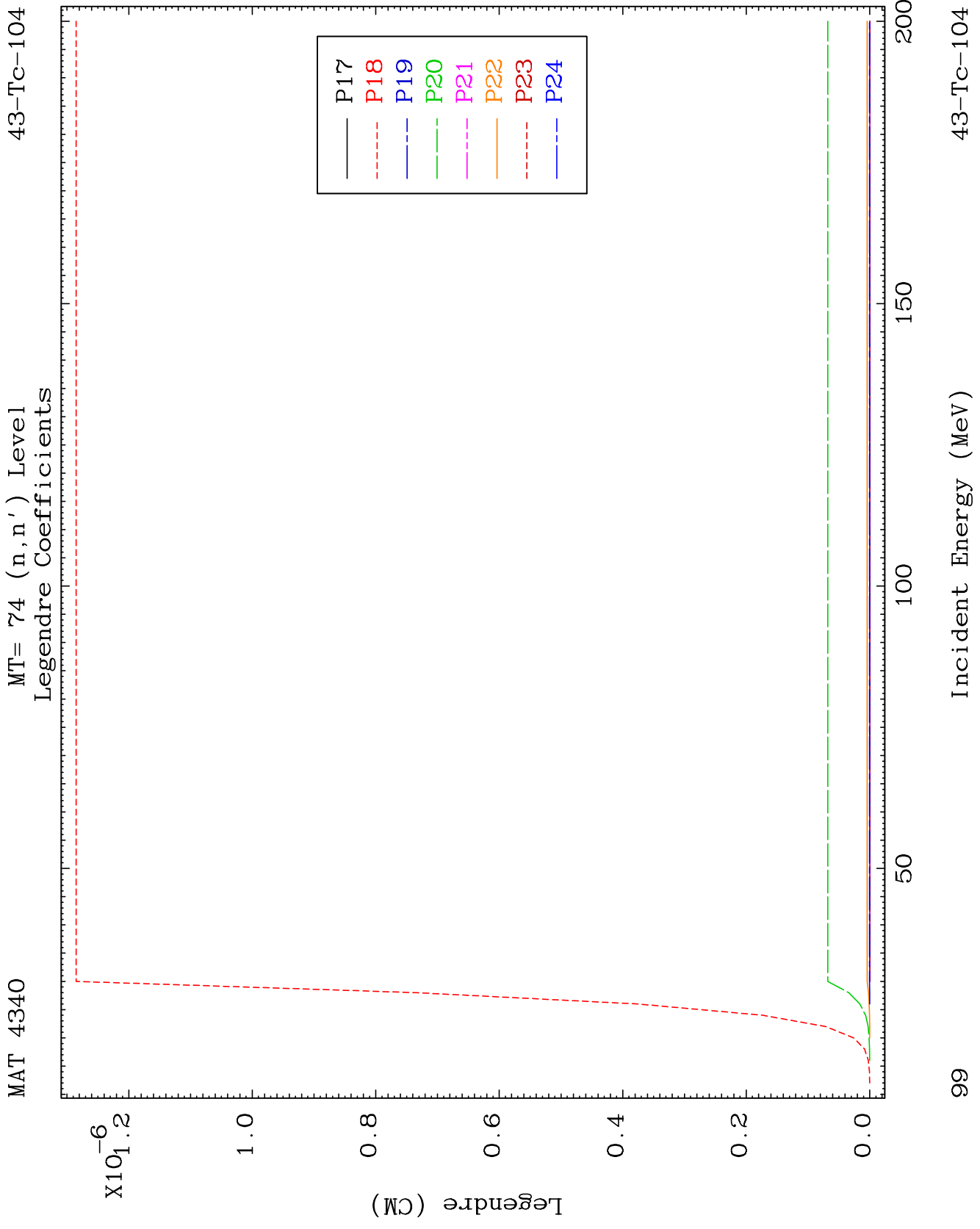
43-Tc-104



98

Incident Energy (MeV)

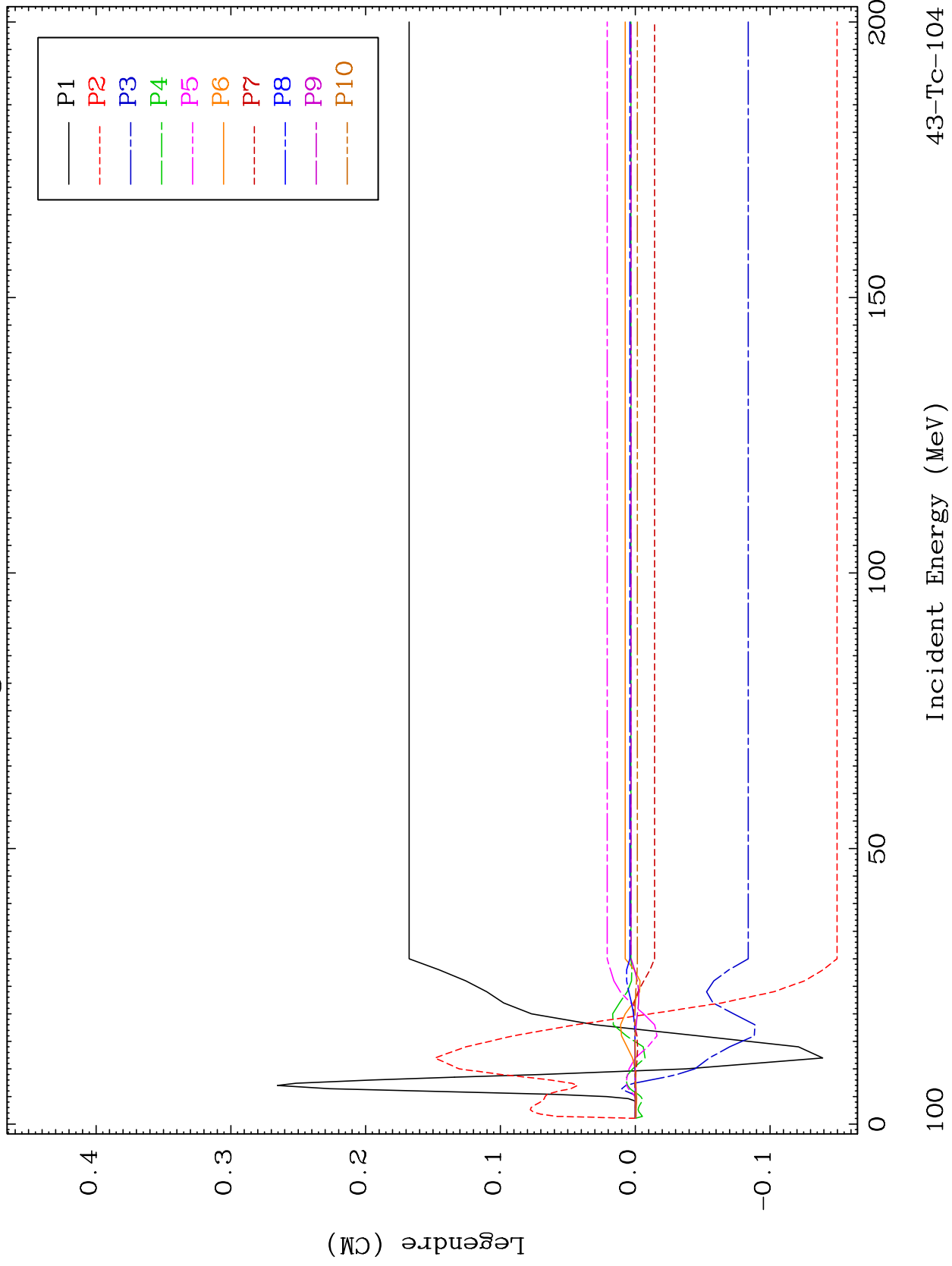
43-Tc-104



MAT 4340

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

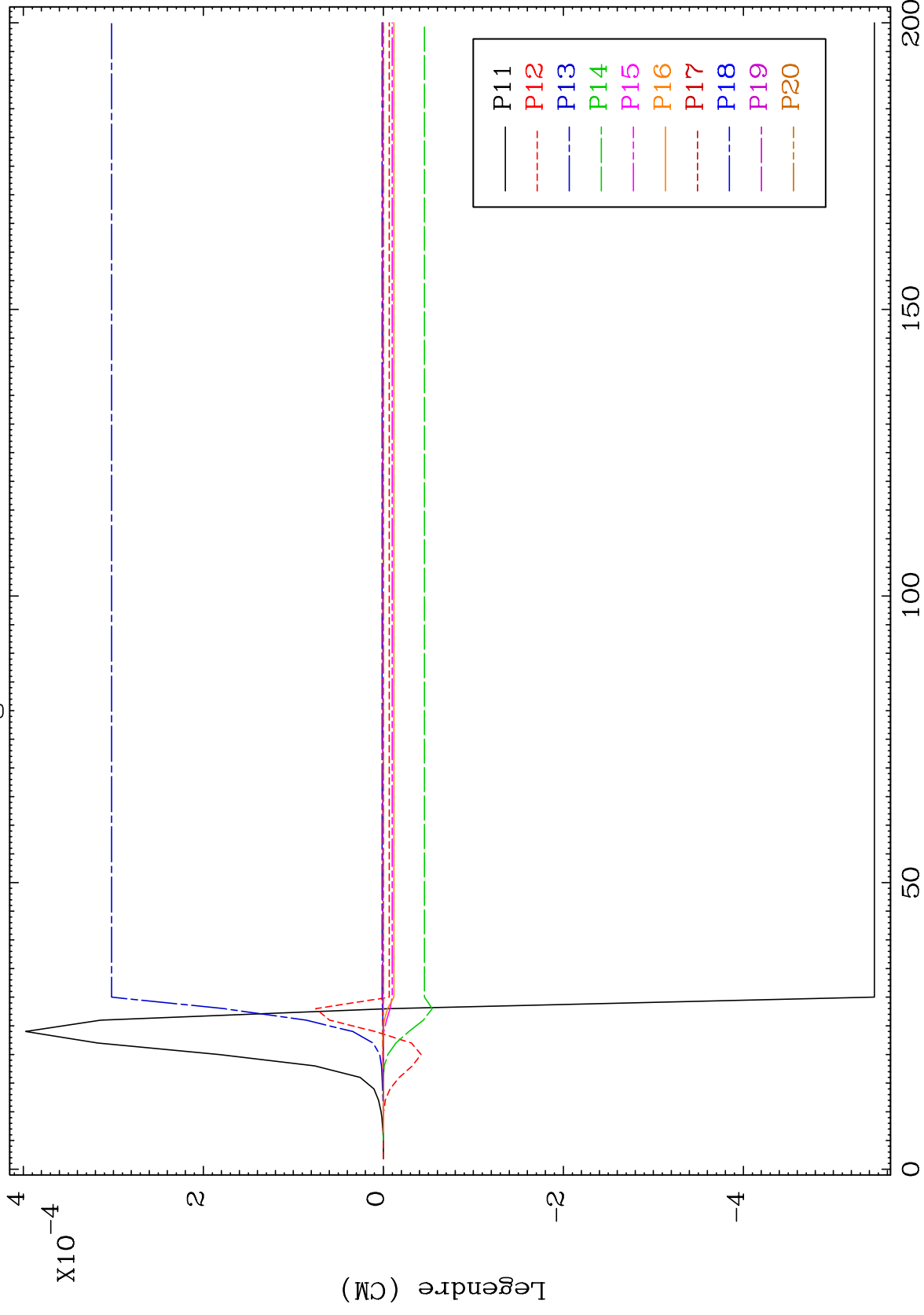
43-Tc-104



MAT 4340

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

43-Tc-104



101

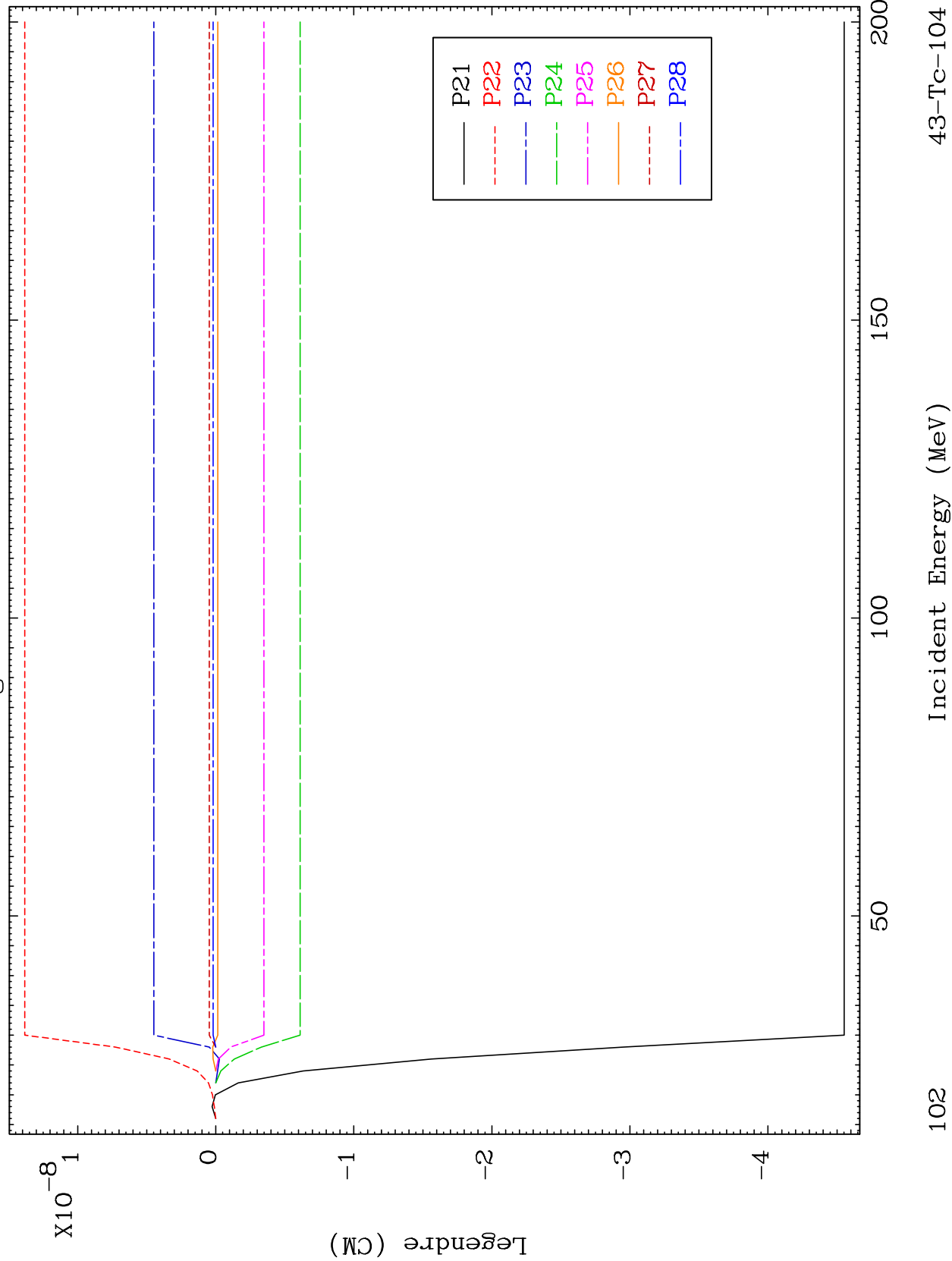
Incident Energy (MeV)

43-Tc-104

MAT 4340

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

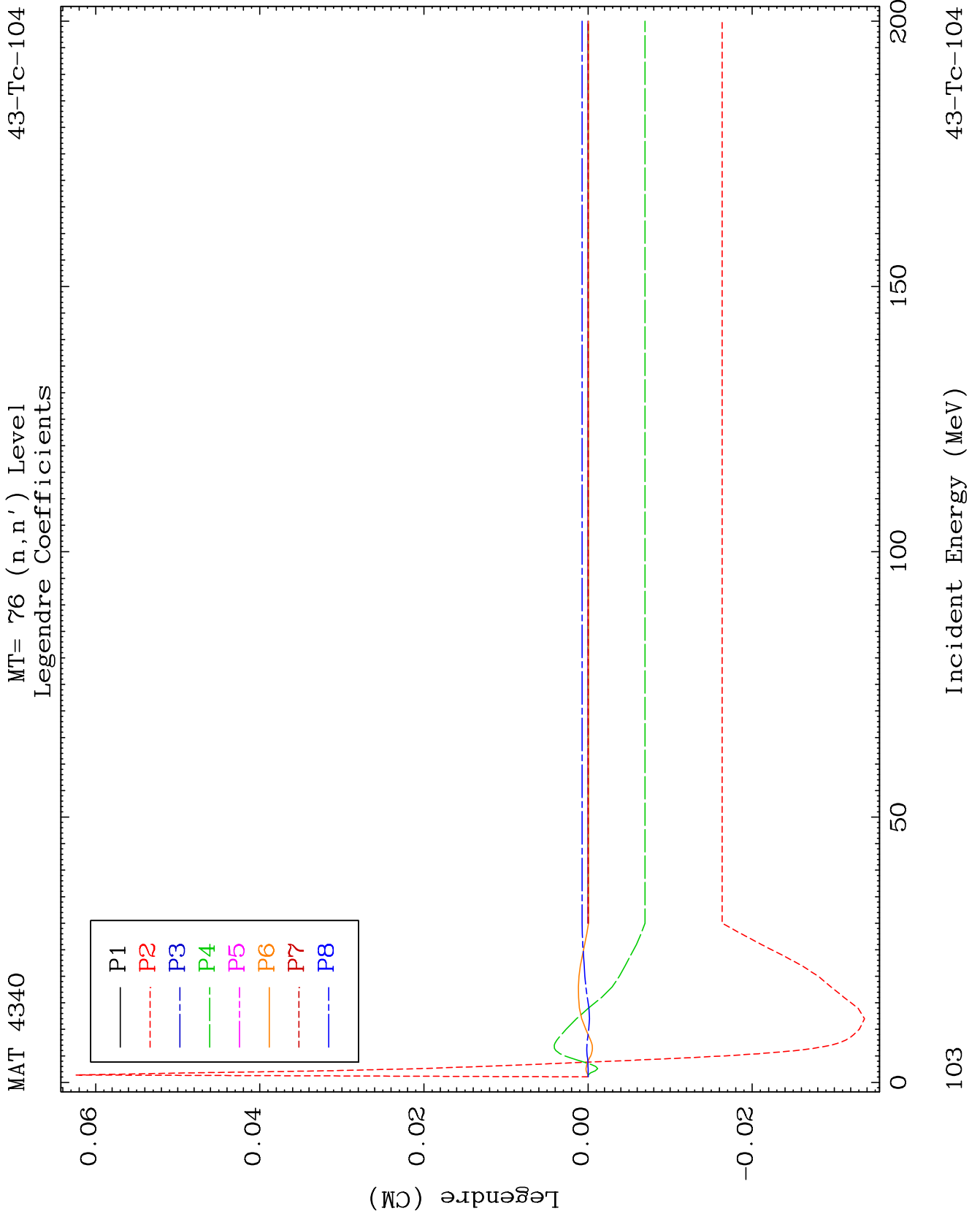
43-Tc-104



102

Incident Energy (MeV)

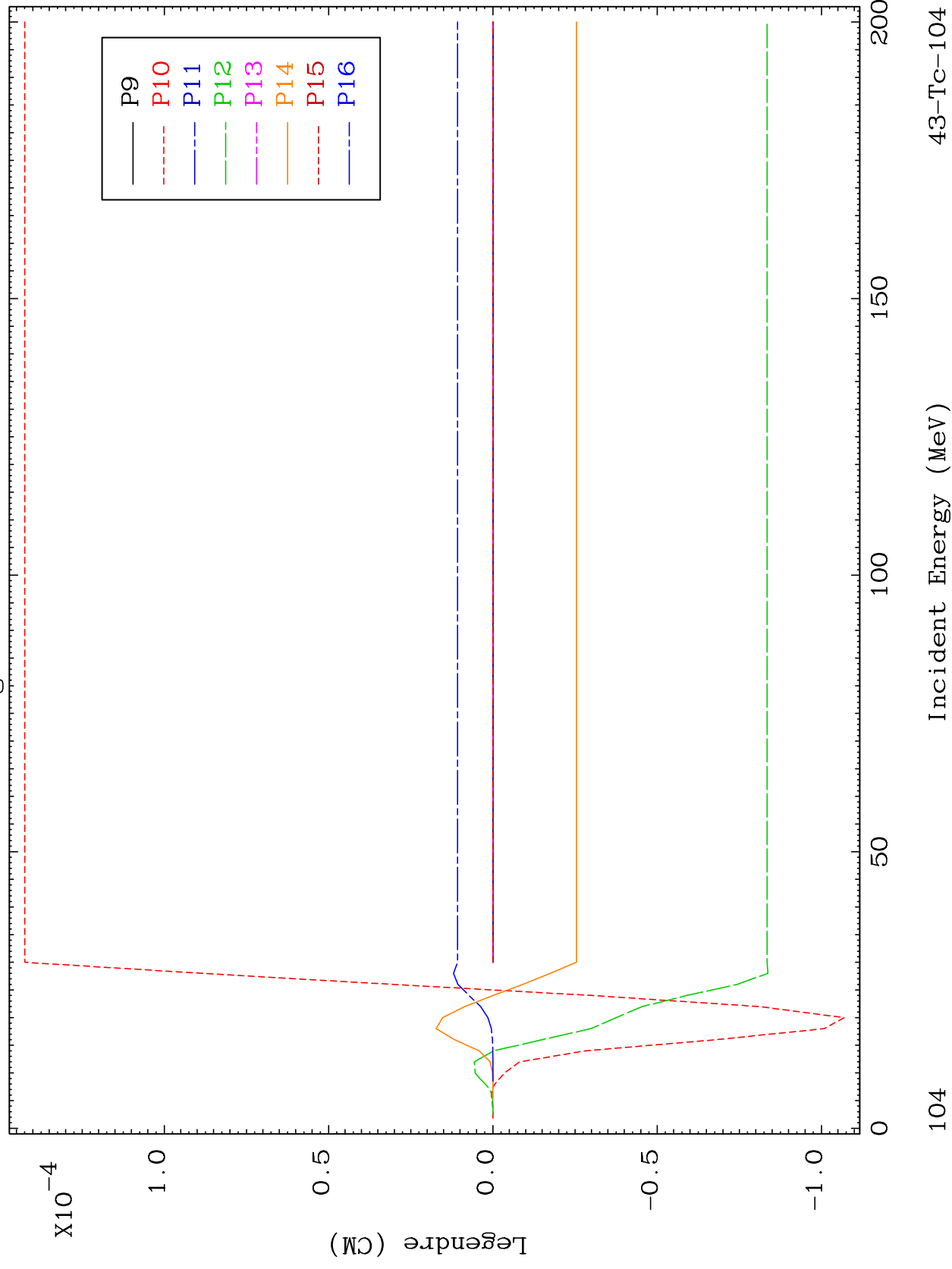
43-Tc-104



MAT 4340

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

43-Tc-104



104

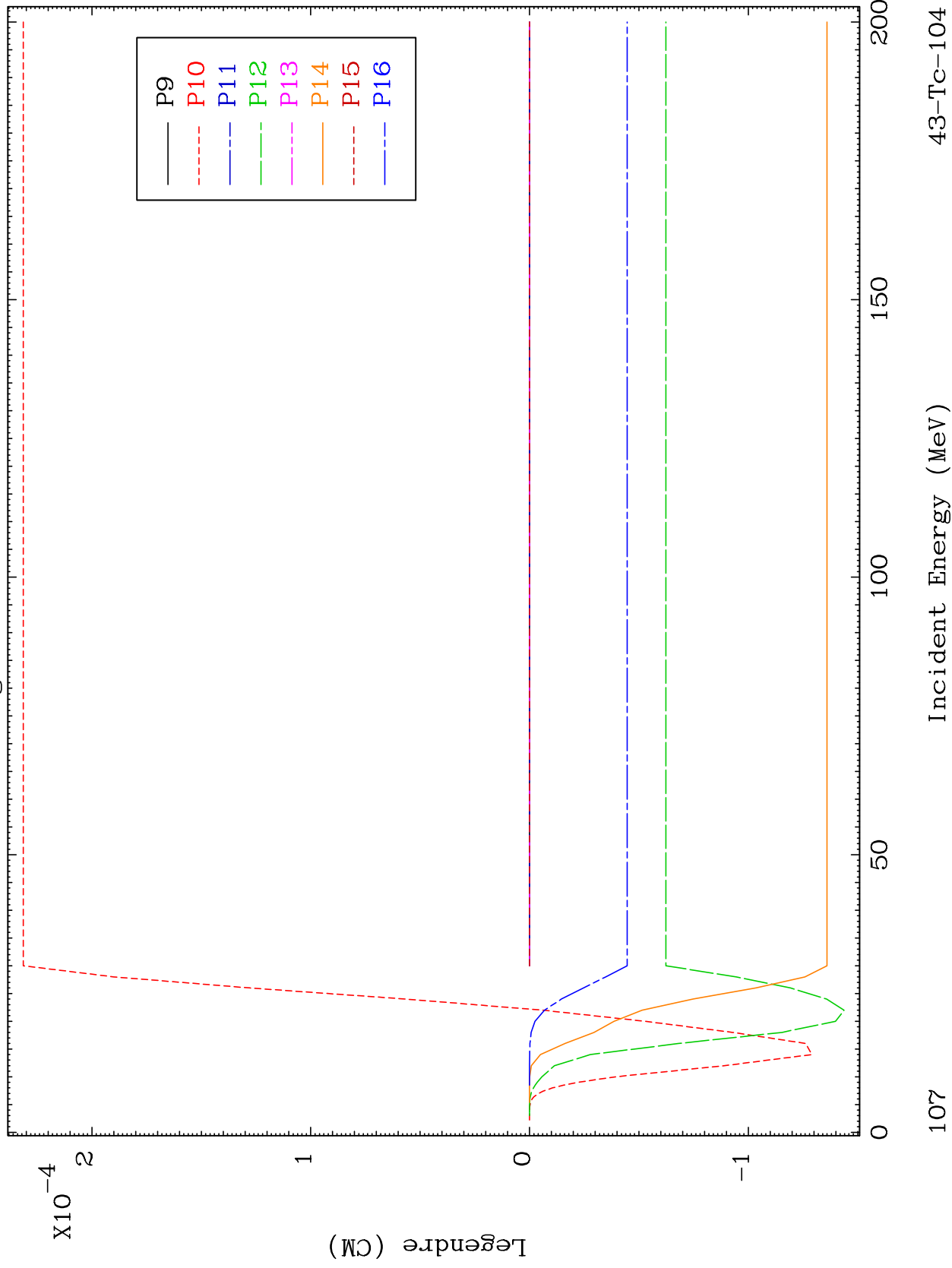
Incident Energy (MeV)

43-Tc-104

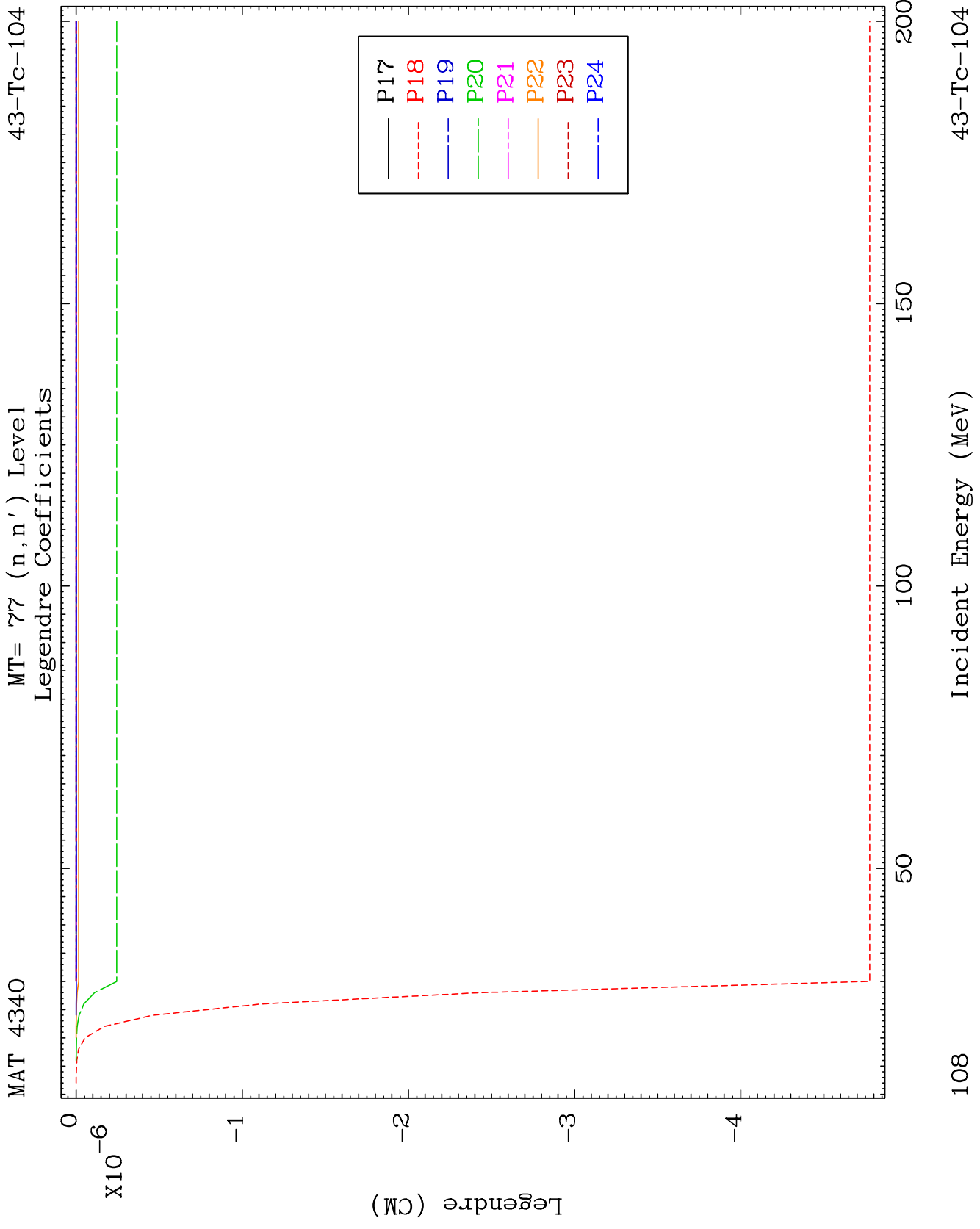
MAT 4340

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

43-Tc-104



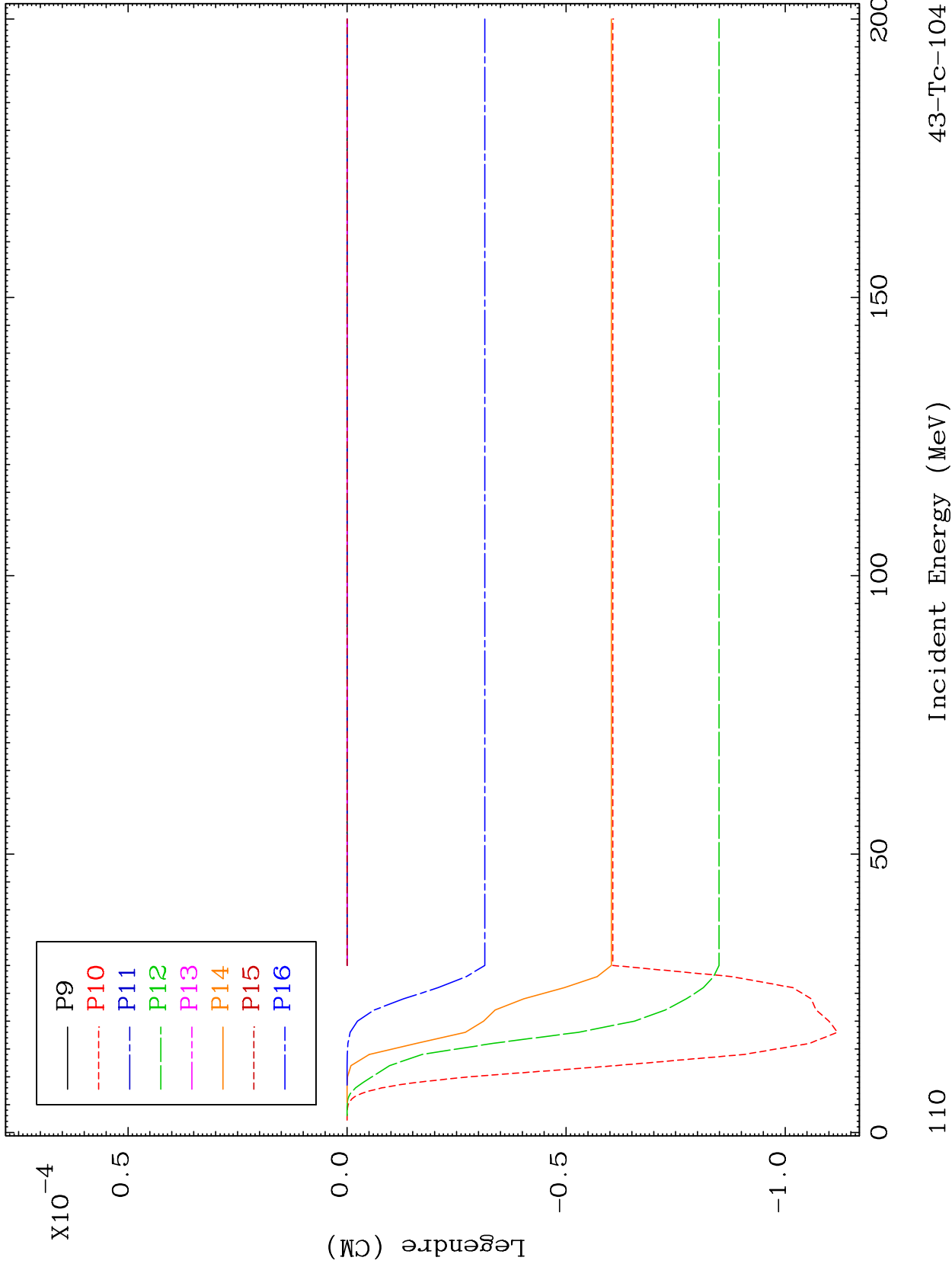
107



MAT 4340

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

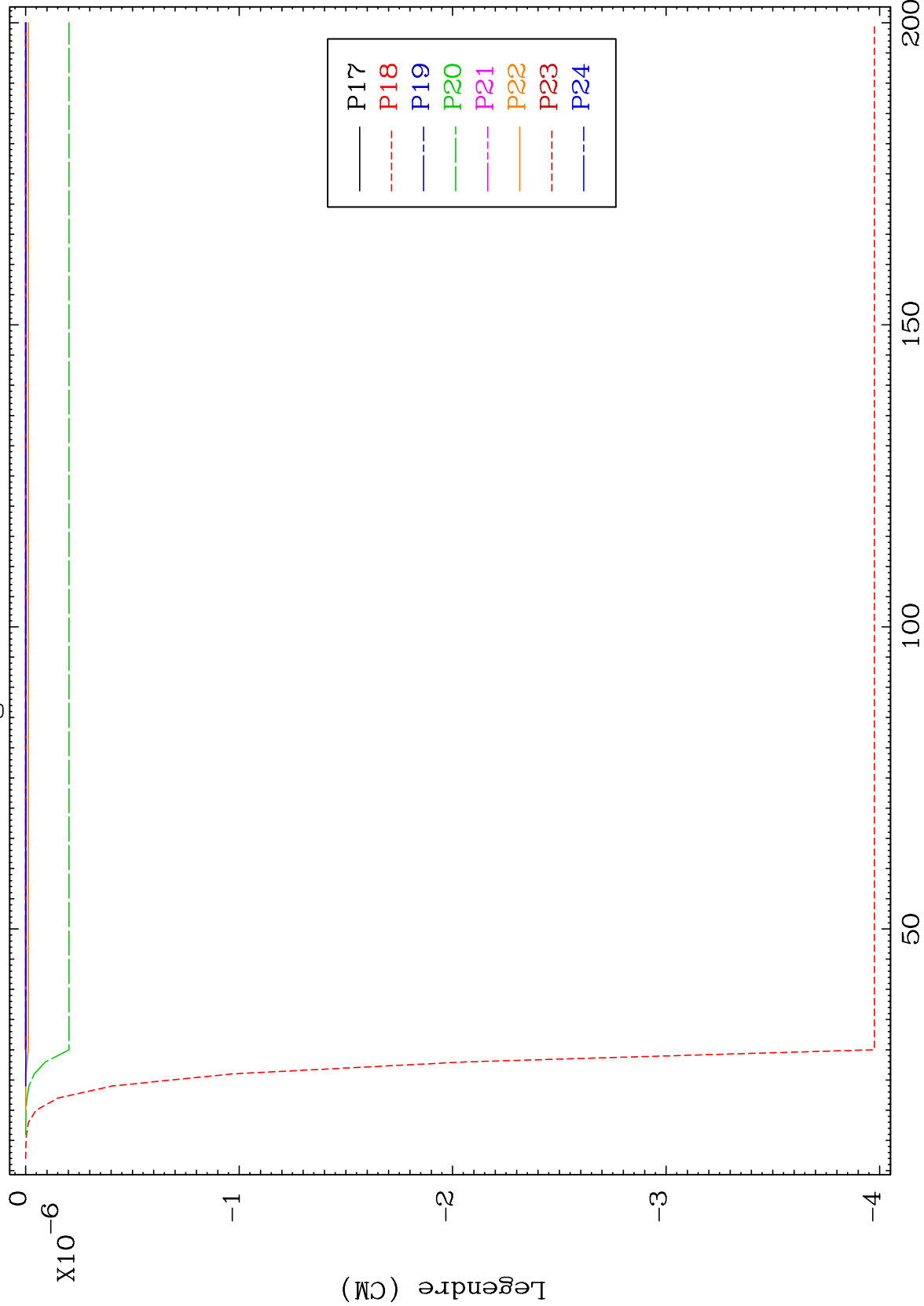
43-Tc-104



MAT 4340

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

43-Tc-104



43-Tc-104

Incident Energy (MeV)

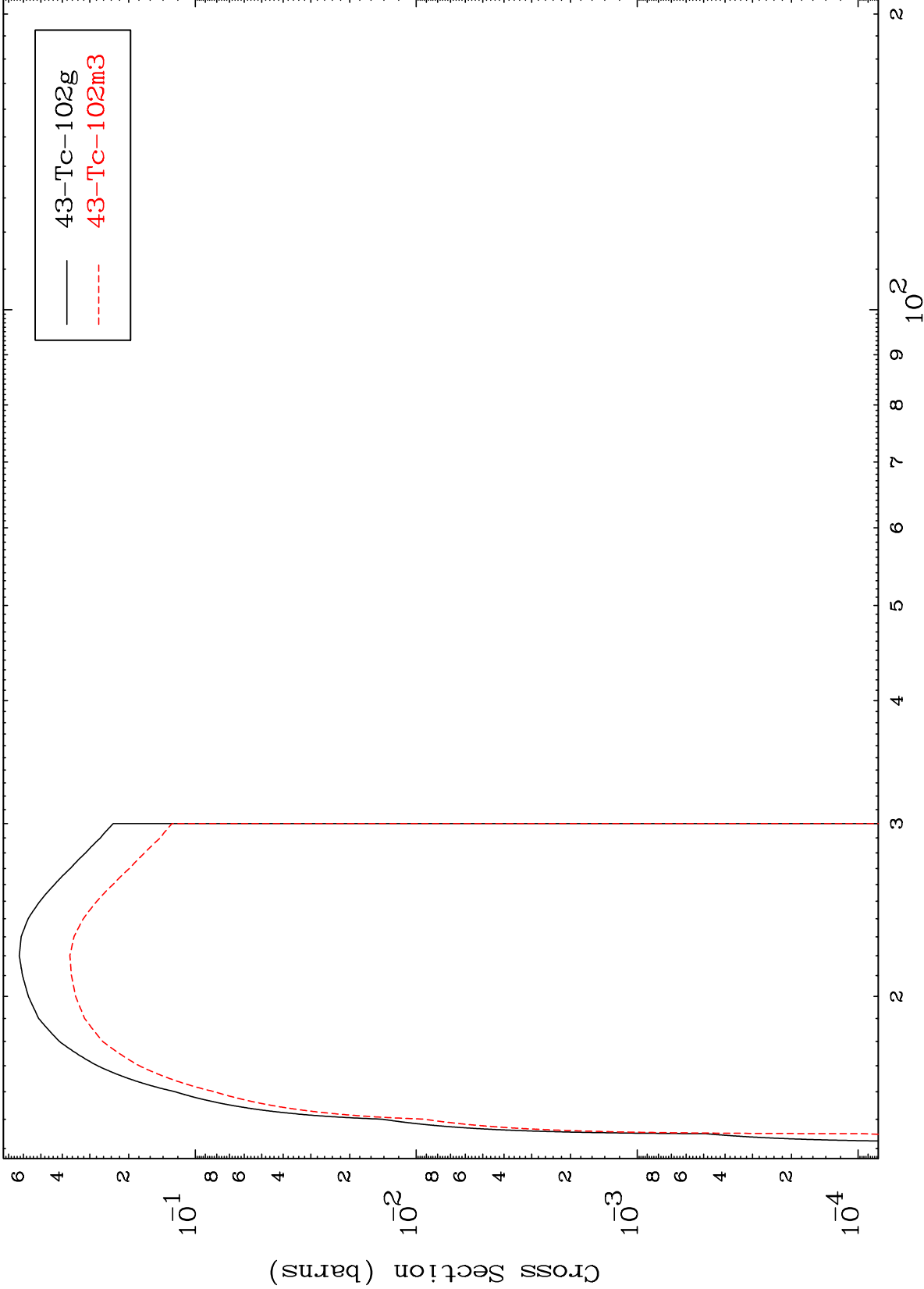
111

MAT 4340

(n,3n)

43-Tc-104

Radionuclide Production Cross Section



112

Incident Energy (MeV)

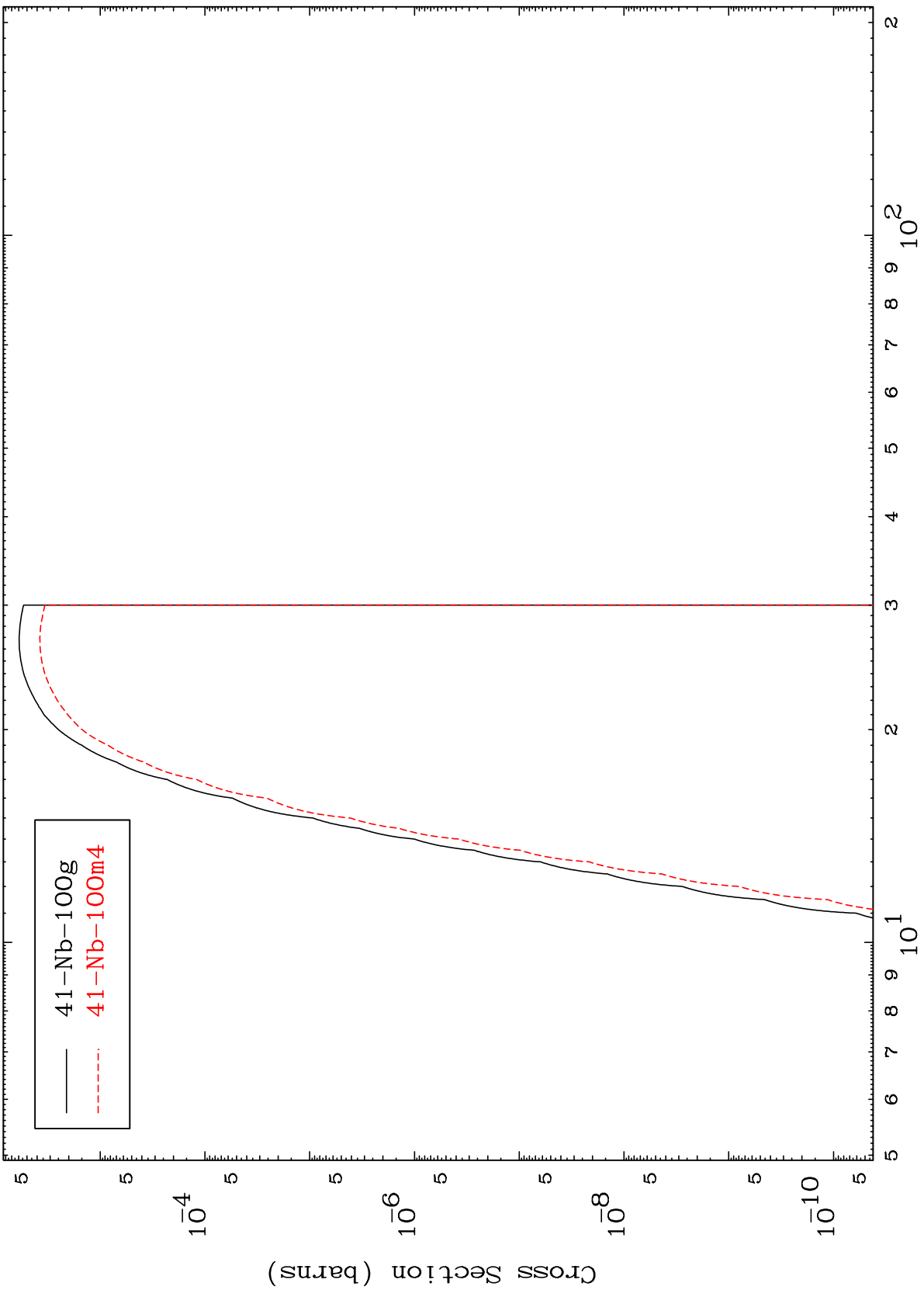
43-Tc-104

MAT 4340

(n,n') α

43-Tc-104

Radionuclide Production Cross Section



113

Incident Energy (MeV)

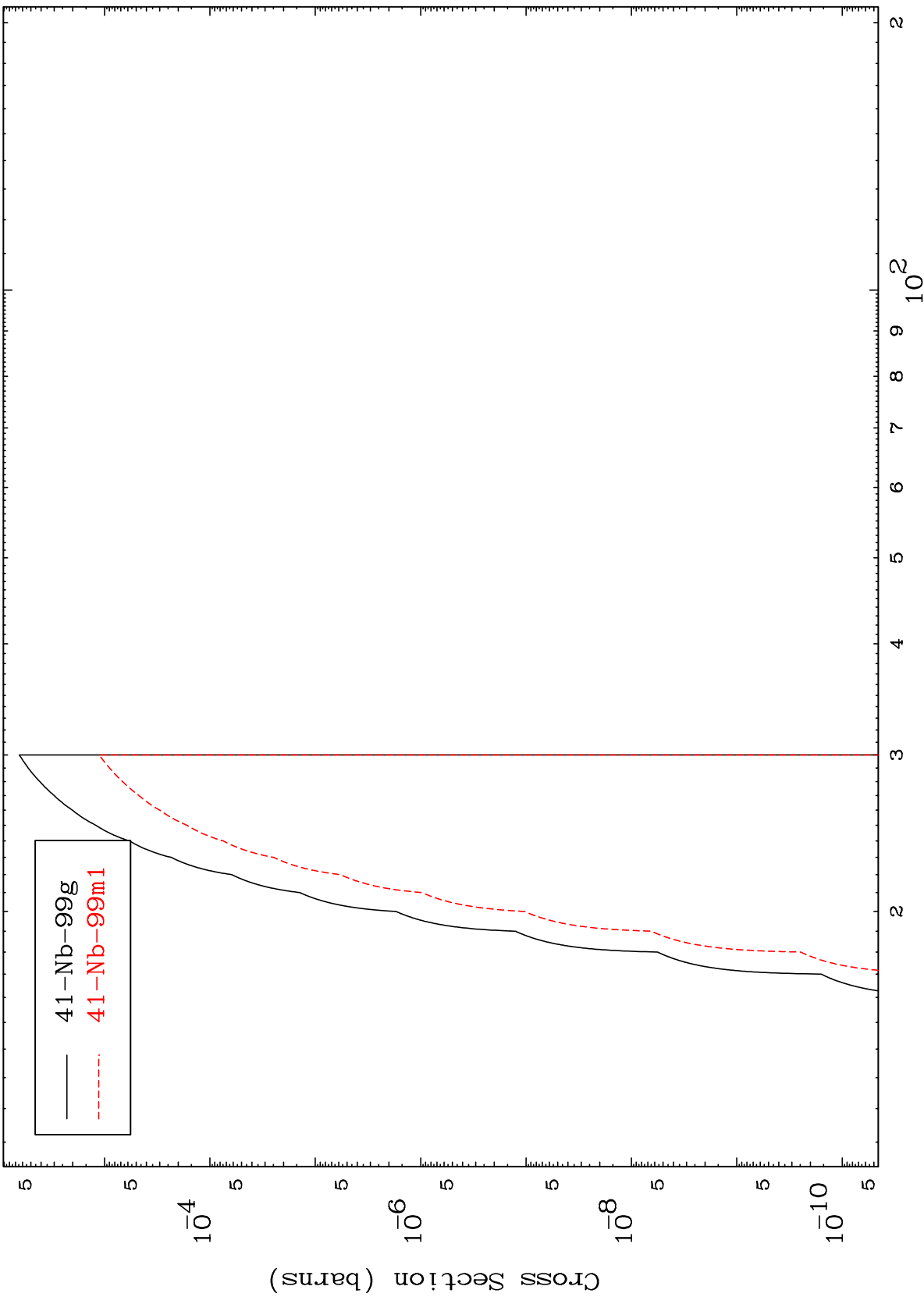
43-Tc-104

MAT 4340

(n,2n) α

43-Tc-104

Radionuclide Production Cross Section



114

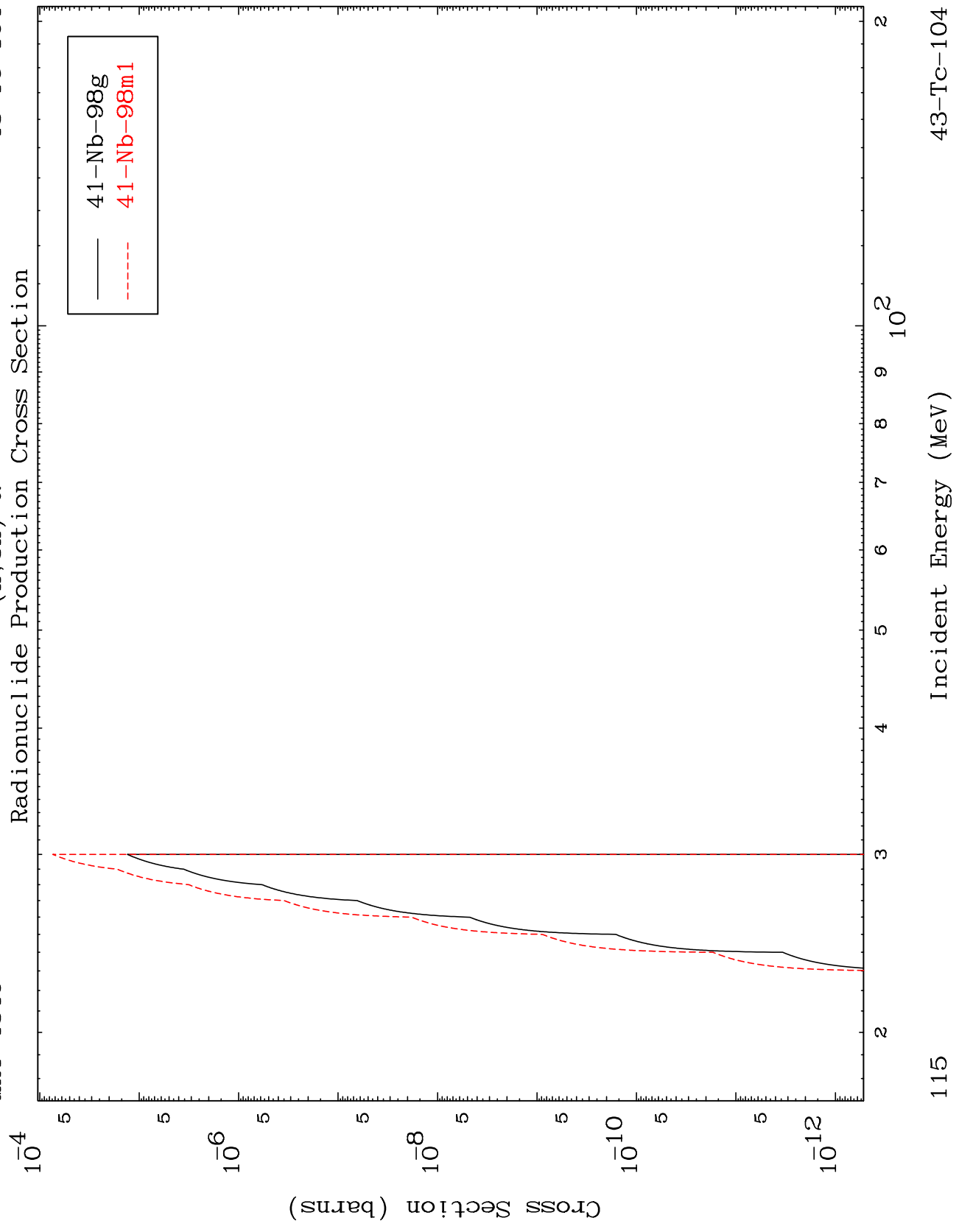
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,3n) α

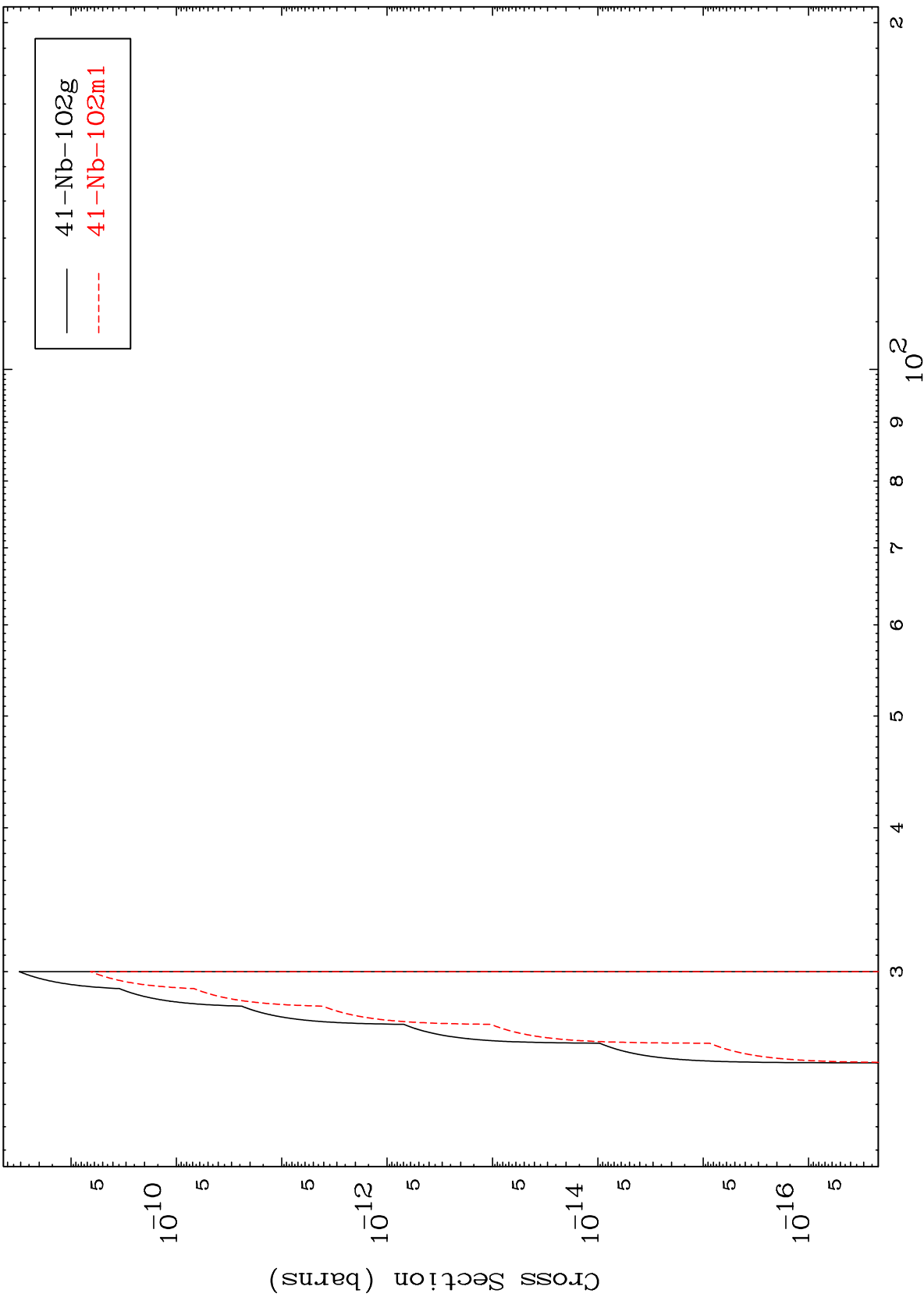
43-Tc-104



115

43-Tc-104

Radionuclide Production Cross Section



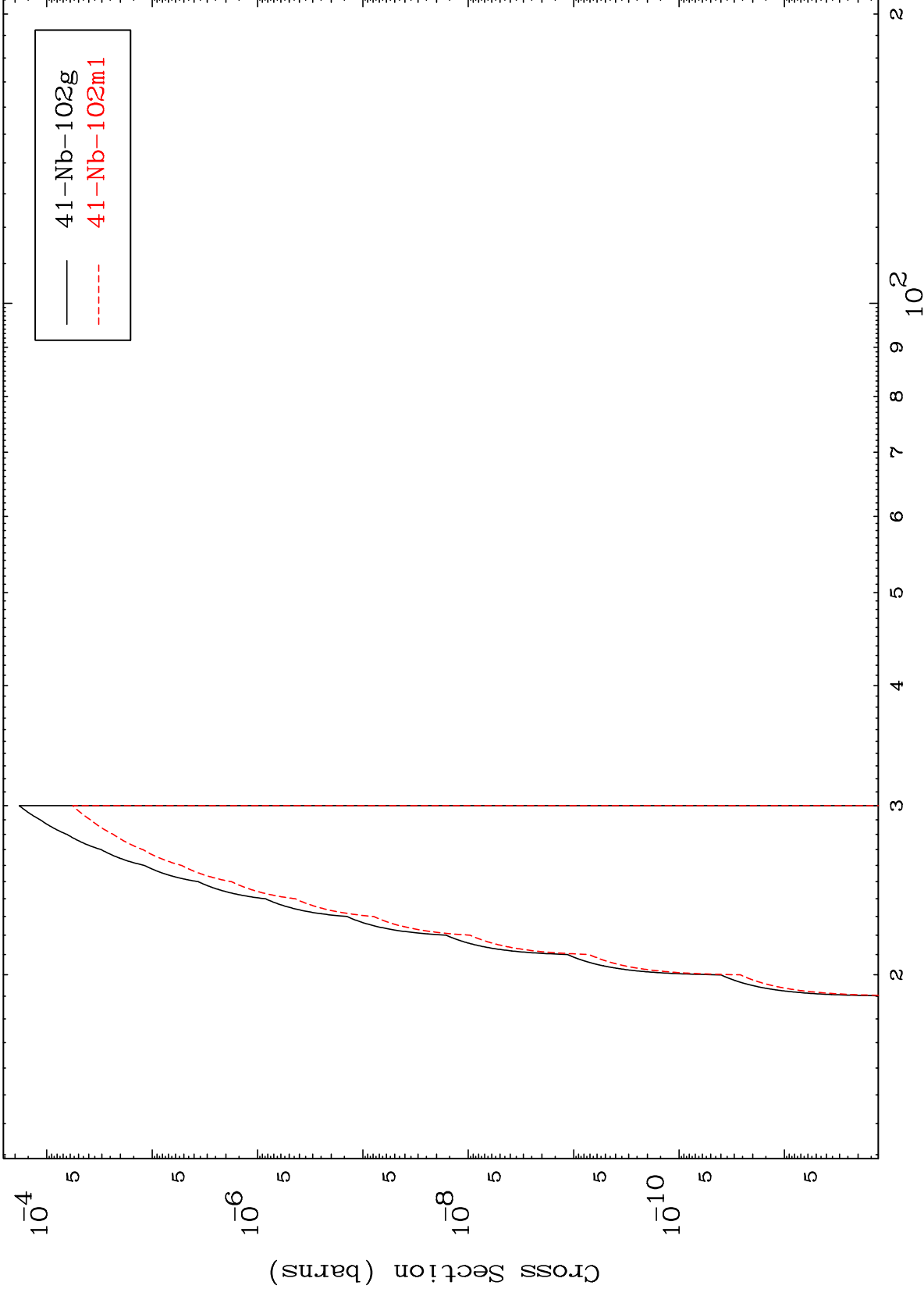
41-Nb-102g
41-Nb-102m1

MAT 4340

(n,He-3)

43-Tc-104

Radionuclide Production Cross Section



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

117

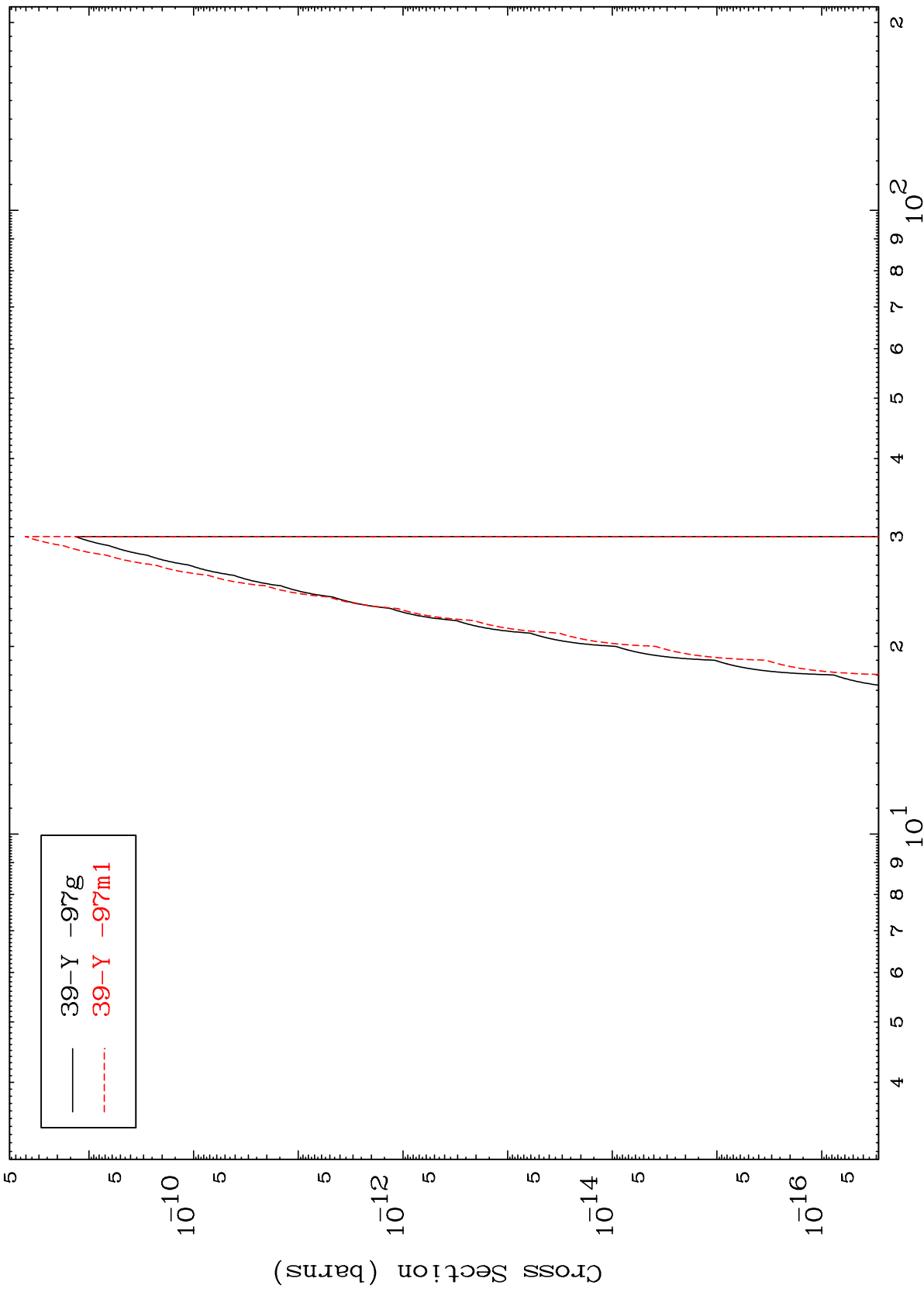
Incident Energy (MeV)

43-Tc-104

MAT 4340

43-Tc-104

(n,2α)
Radionuclide Production Cross Section



118

43-Tc-104

Incident Energy (MeV)