

Program EVALPLOT
(Version 2018-1)

by

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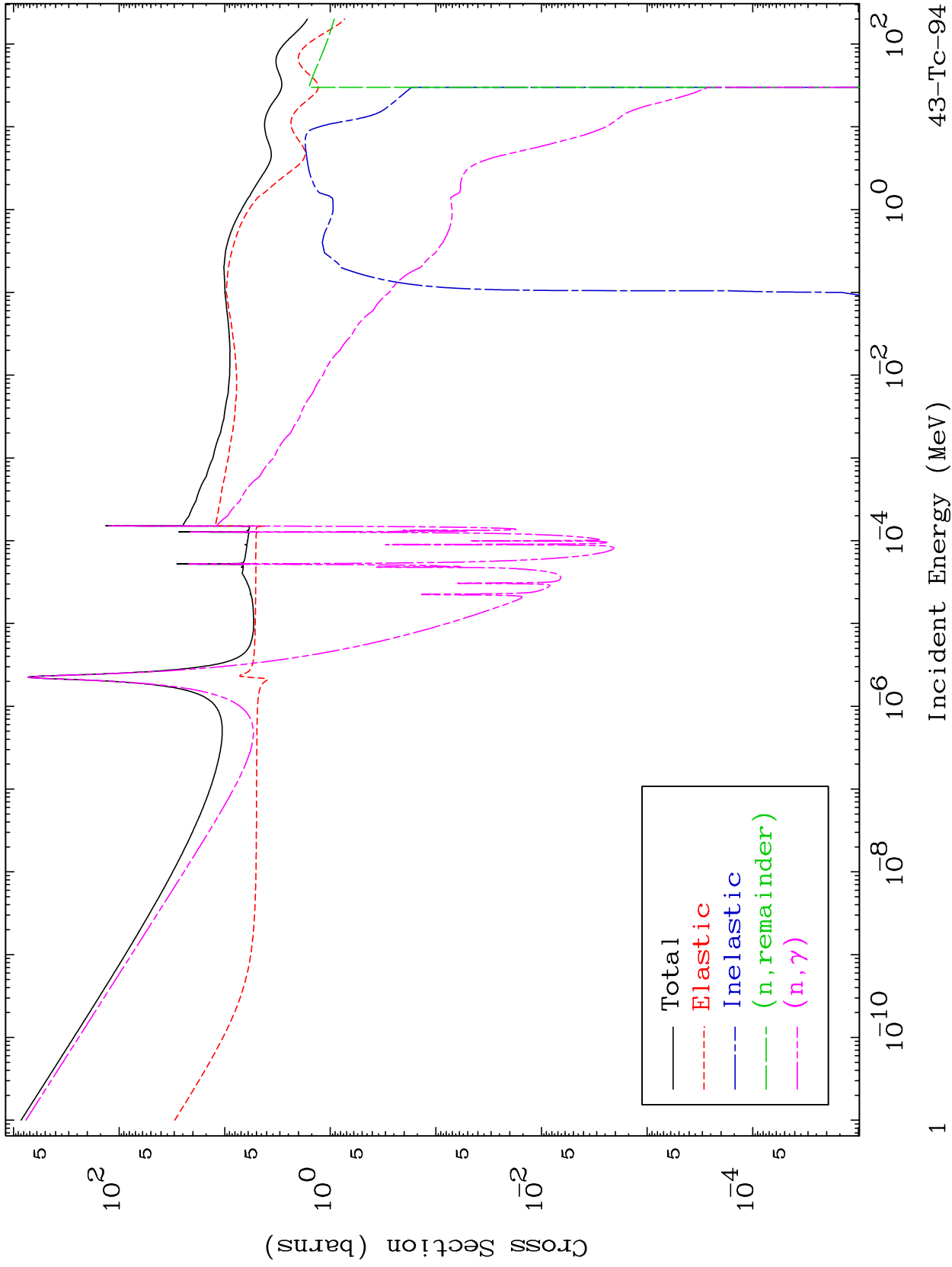
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Press Mouse Button to Start

MAT 4310

Major
293 Kelvin Cross Sections

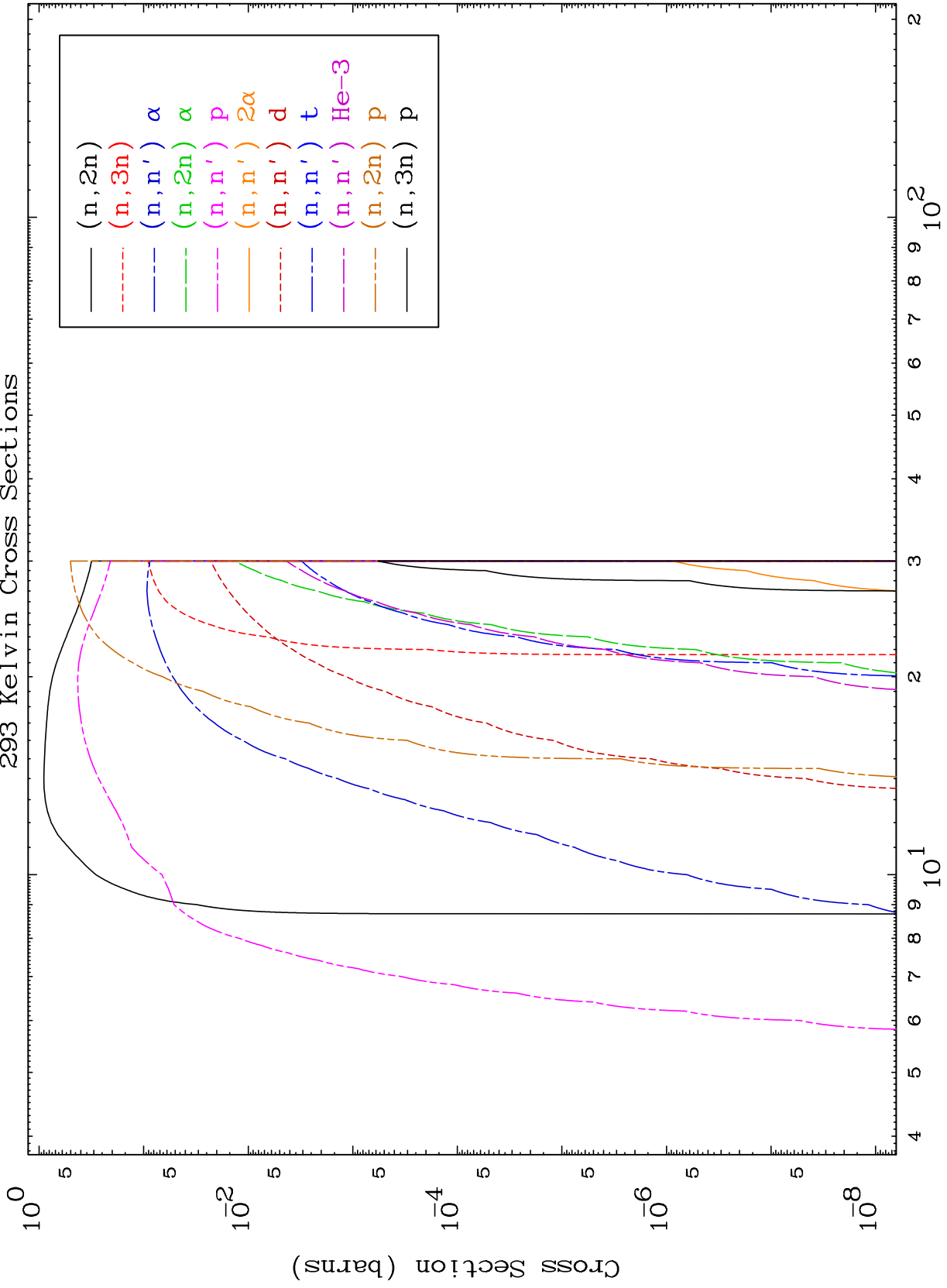
43-Tc-94



MAT 4310

Neutron Production
293 Kelvin Cross Sections

43-Tc-94



2

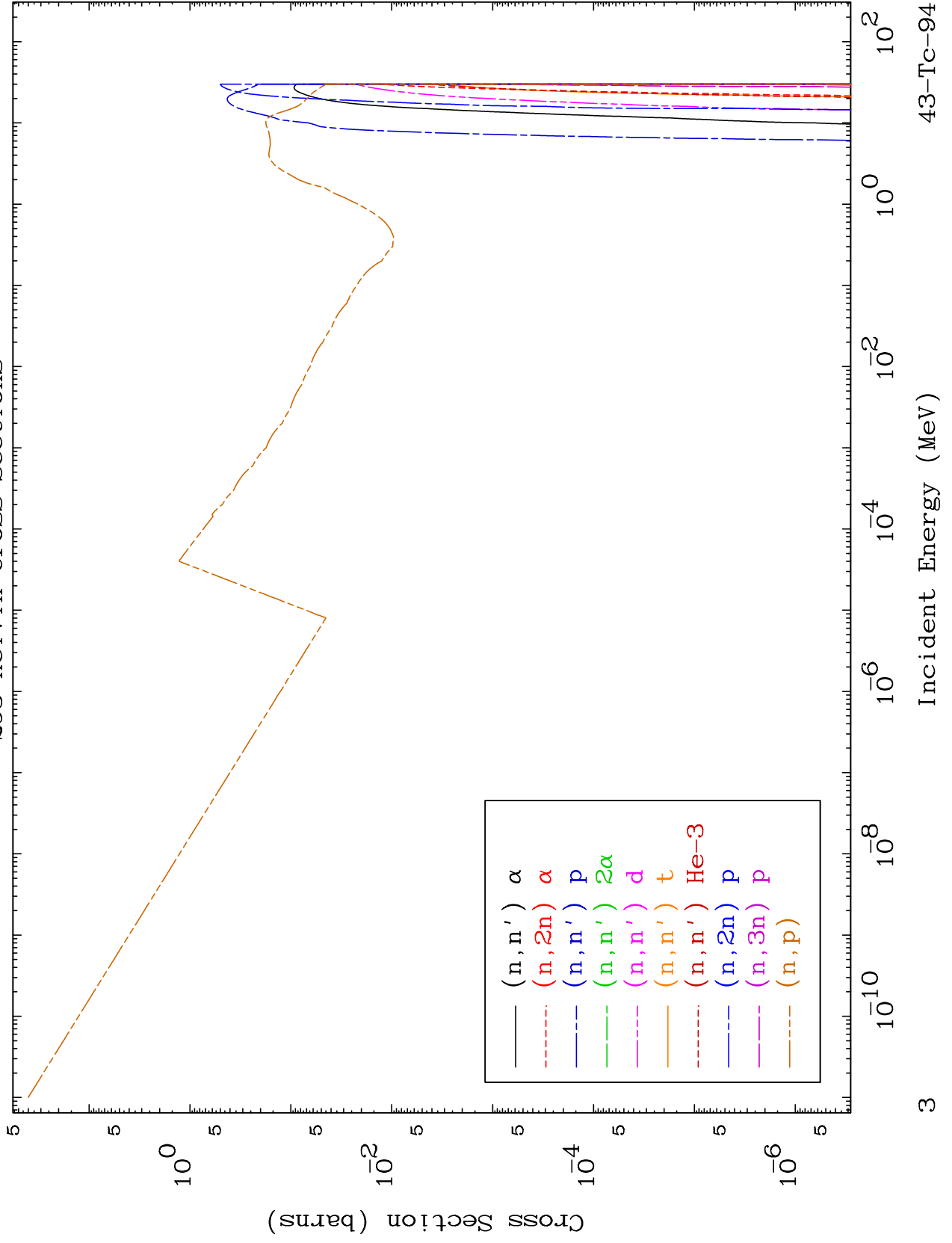
Incident Energy (MeV)

43-Tc-94

MAT 4310

Charged Particle
293 Kelvin Cross Sections

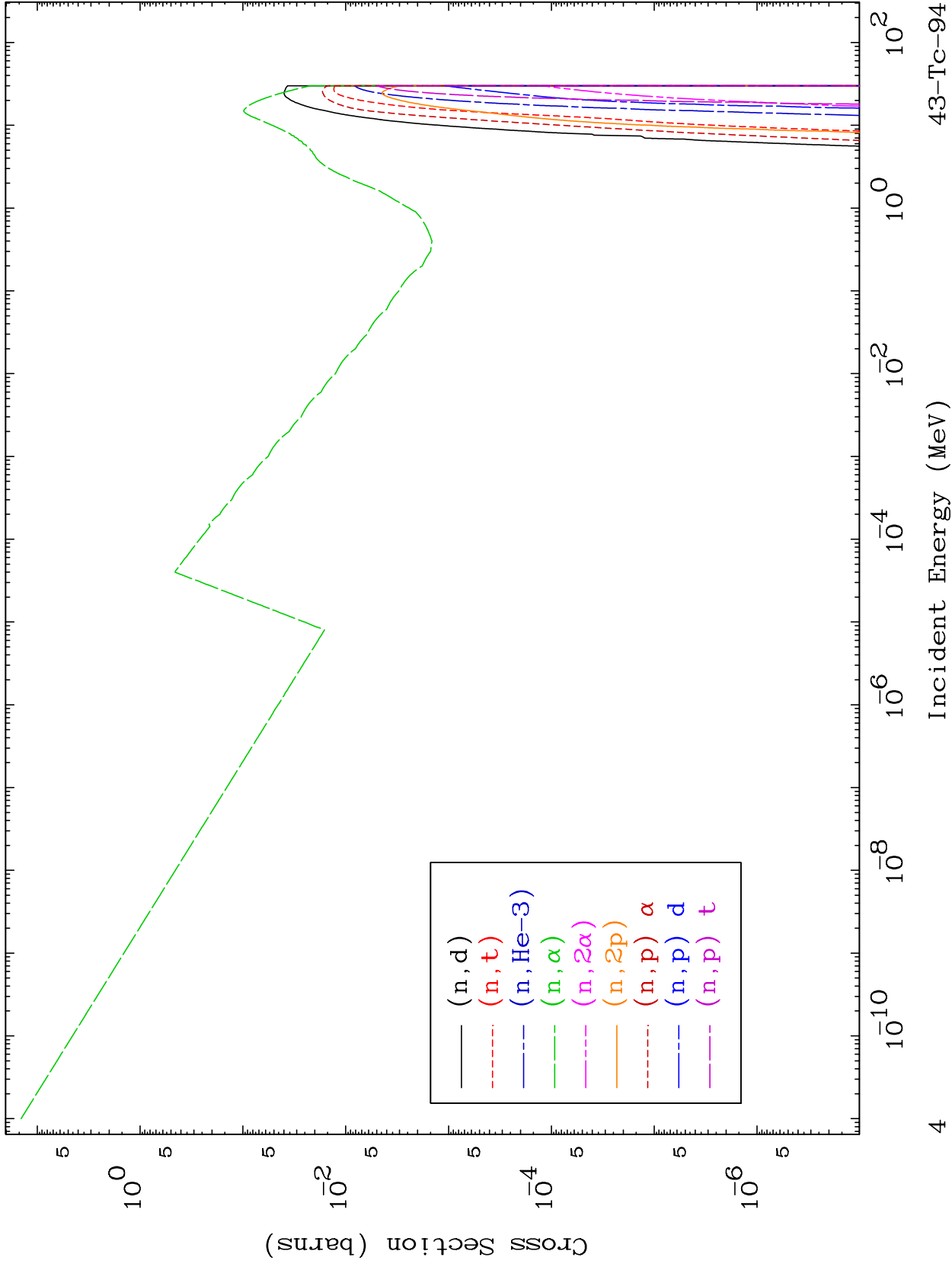
43-Tc-94



MAT 4310

Charged Particle
293 Kelvin Cross Sections

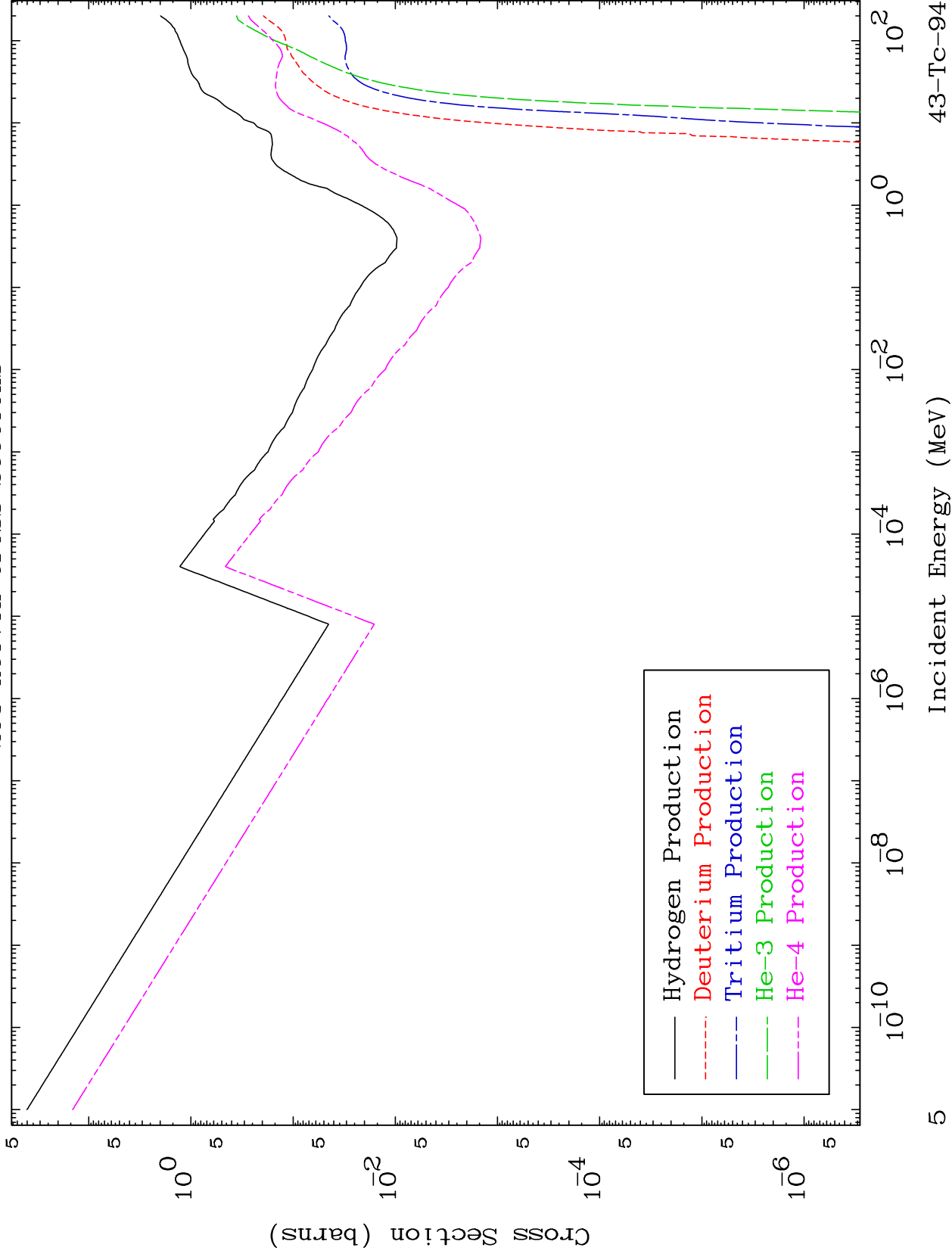
43-Tc-94



MAT 4310

Particle Production
293 Kelvin Cross Sections

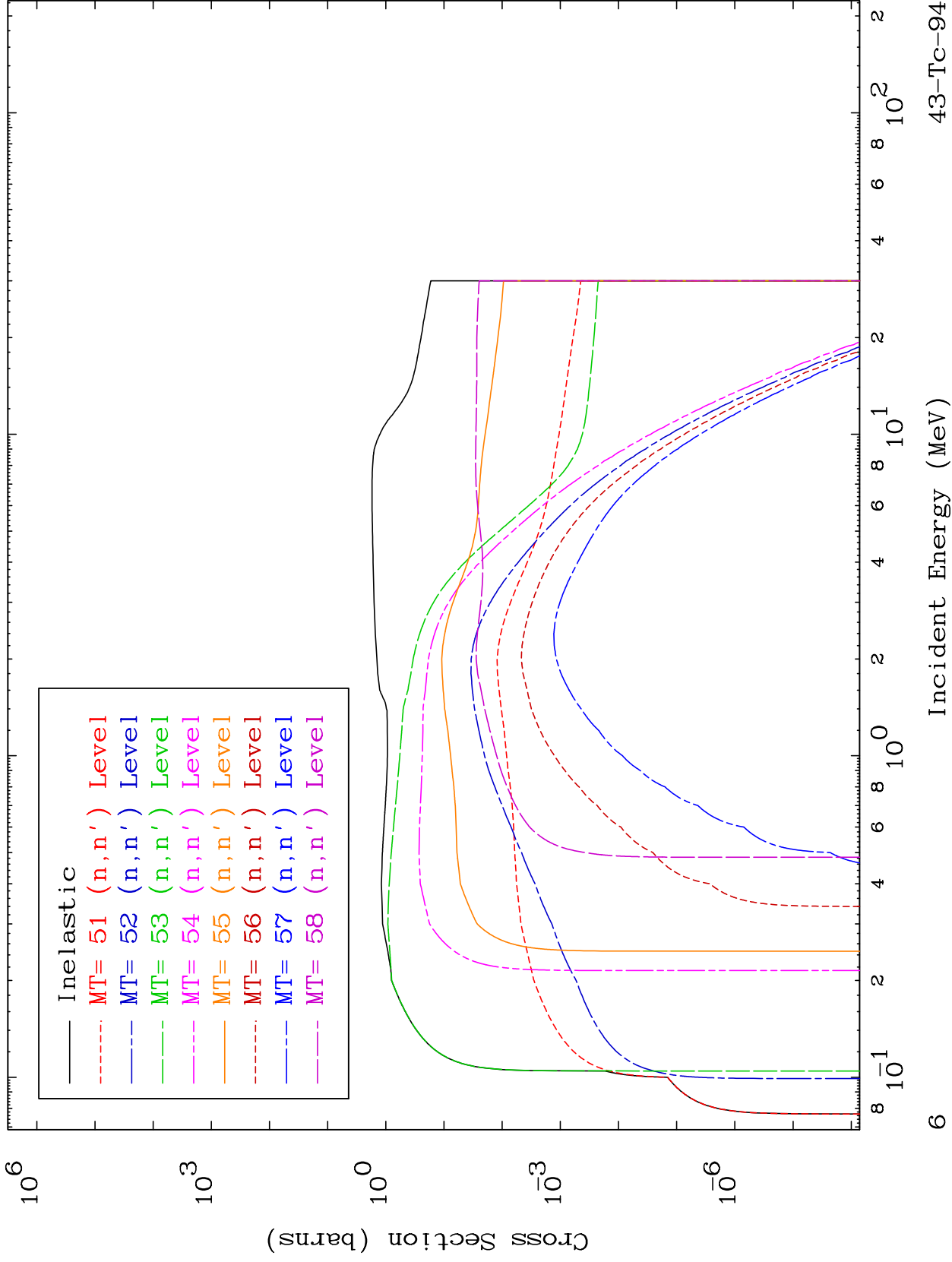
43-Tc-94



MAT 4310

(n,n') Level
293 Kelvin Cross Sections

43-Tc-94



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Incident Energy (MeV)

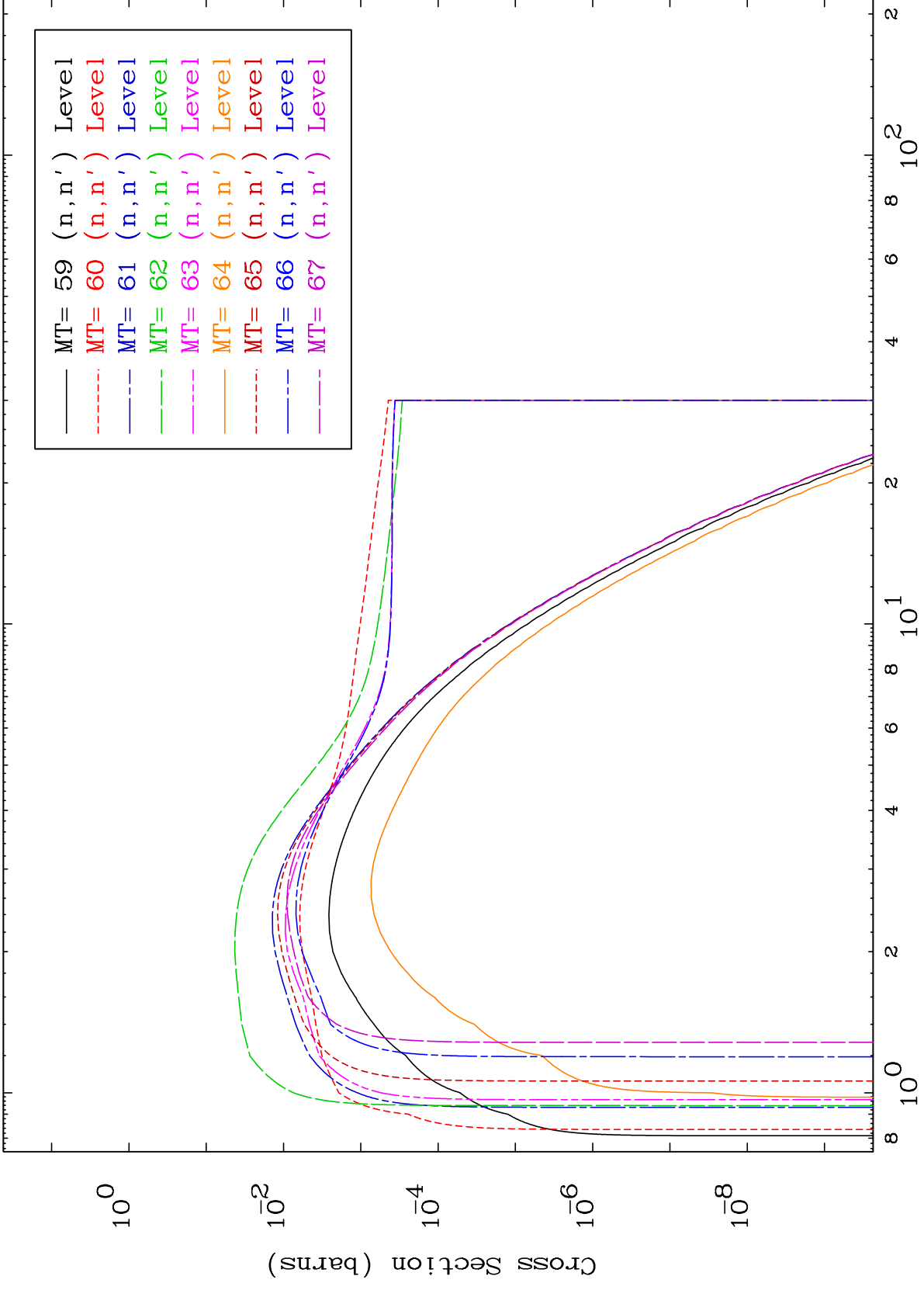
43-Tc-94

MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



Incident Energy (MeV)

43-Tc-94

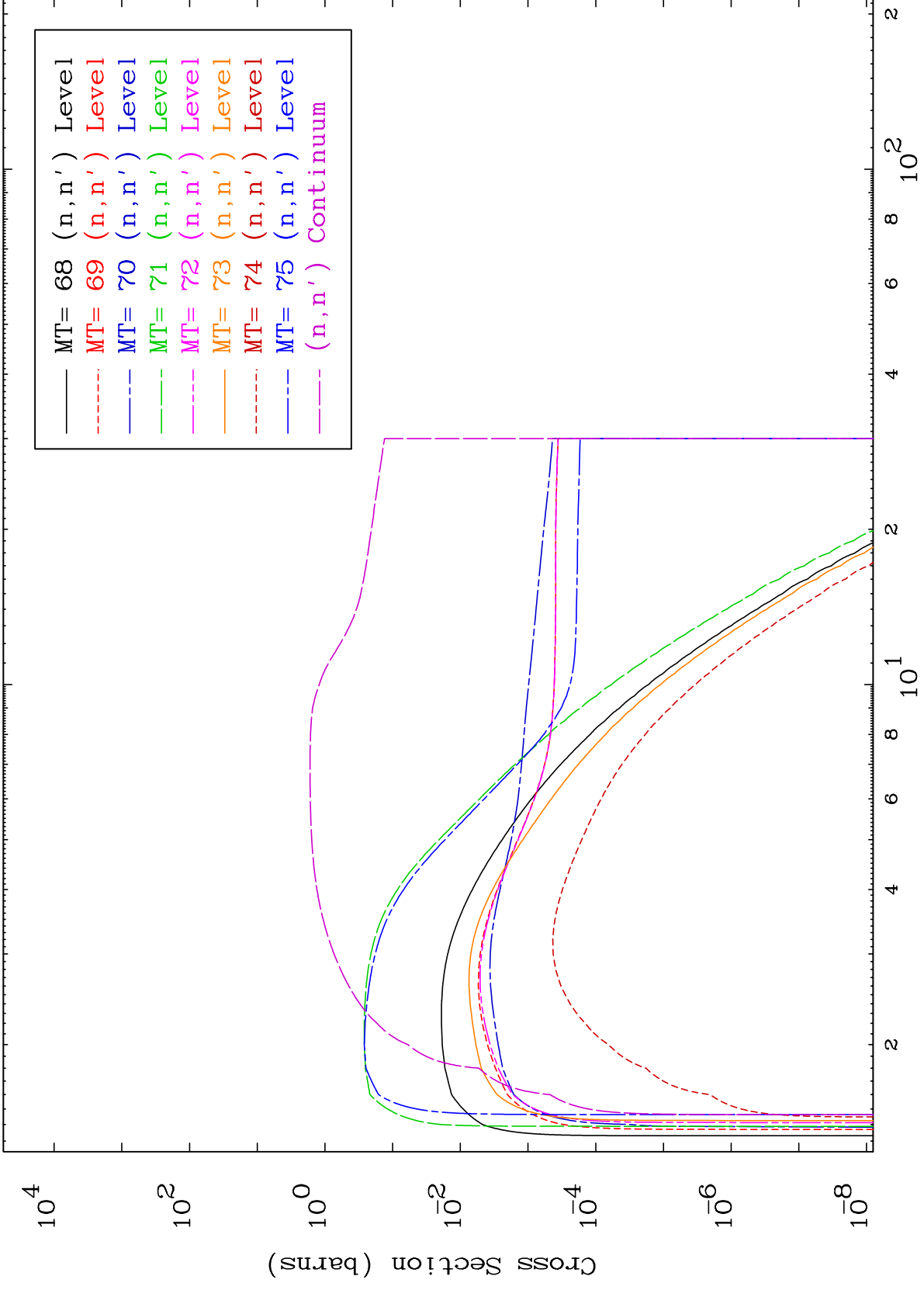
7

MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



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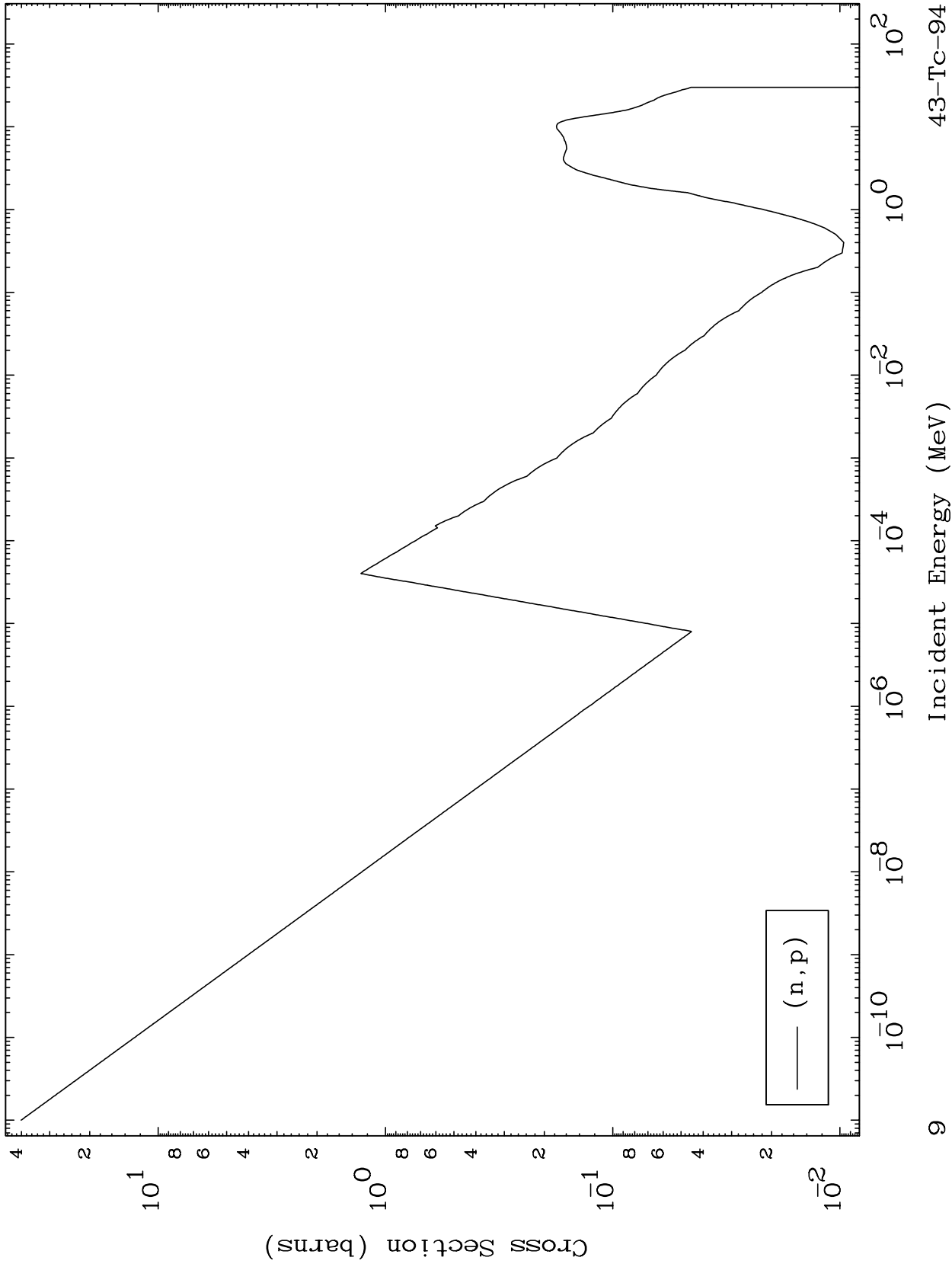
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,p) Levels
293 Kelvin Cross Sections

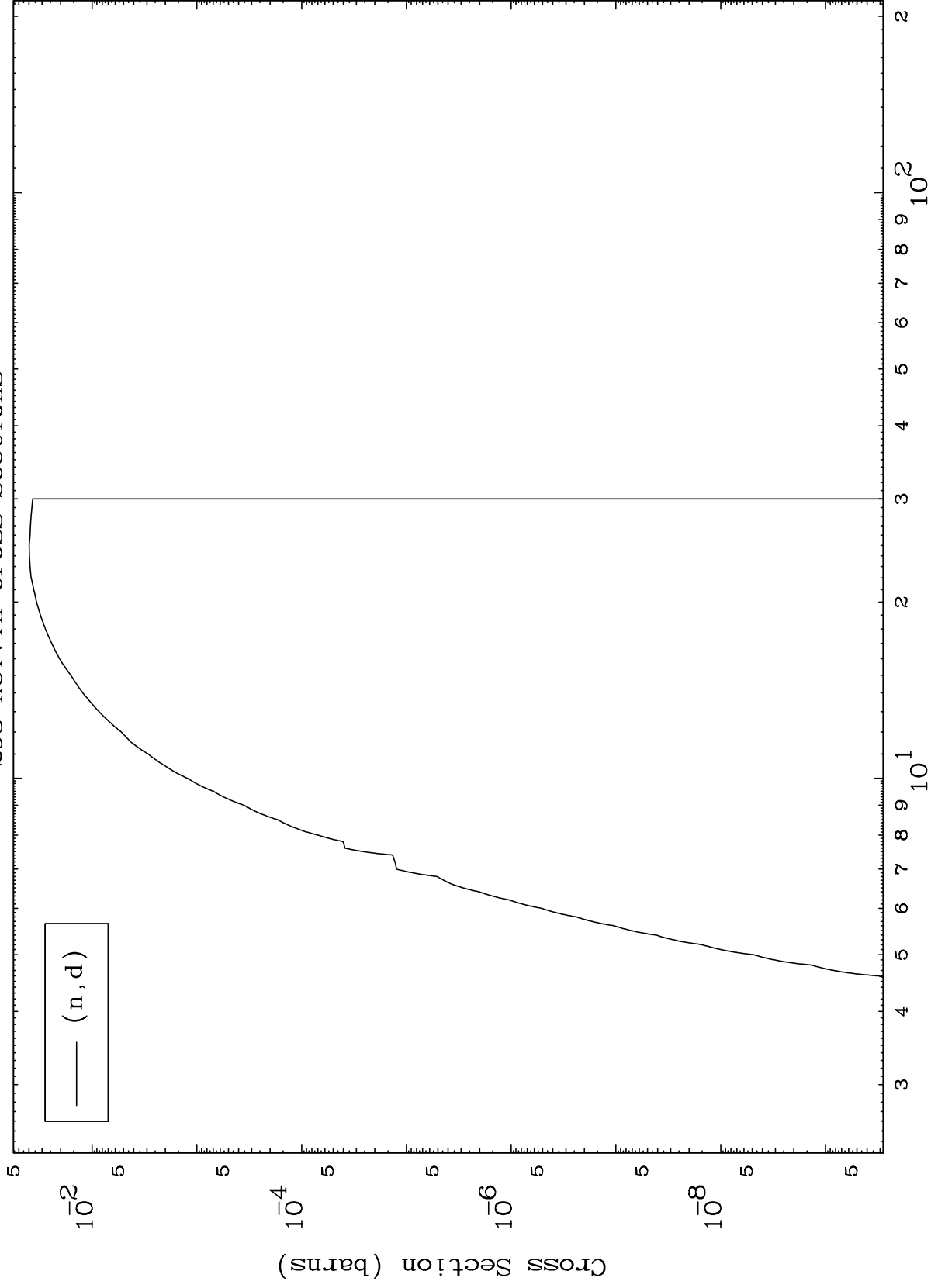
43-Tc-94



MAT 4310

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94



10

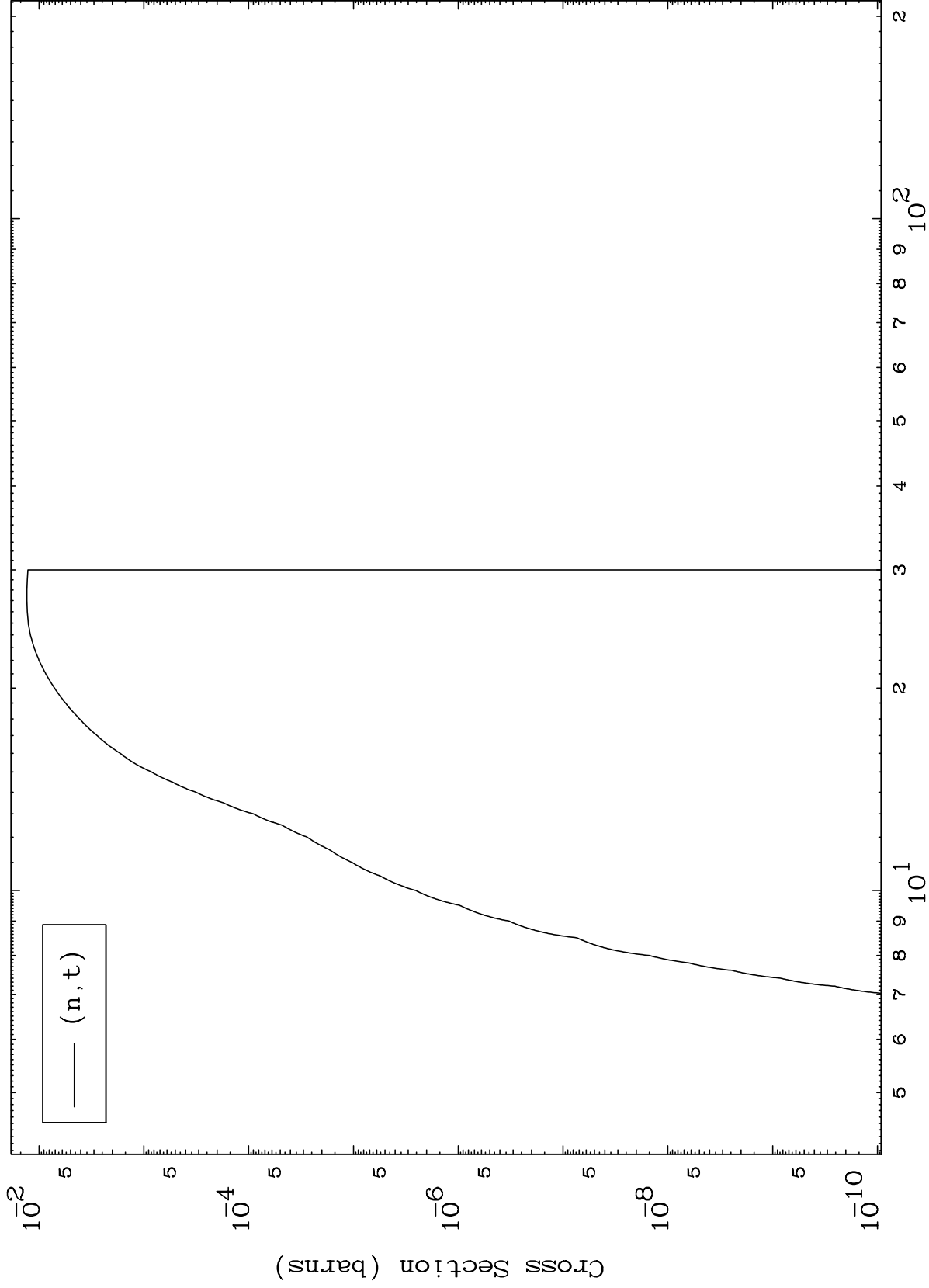
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-94



11

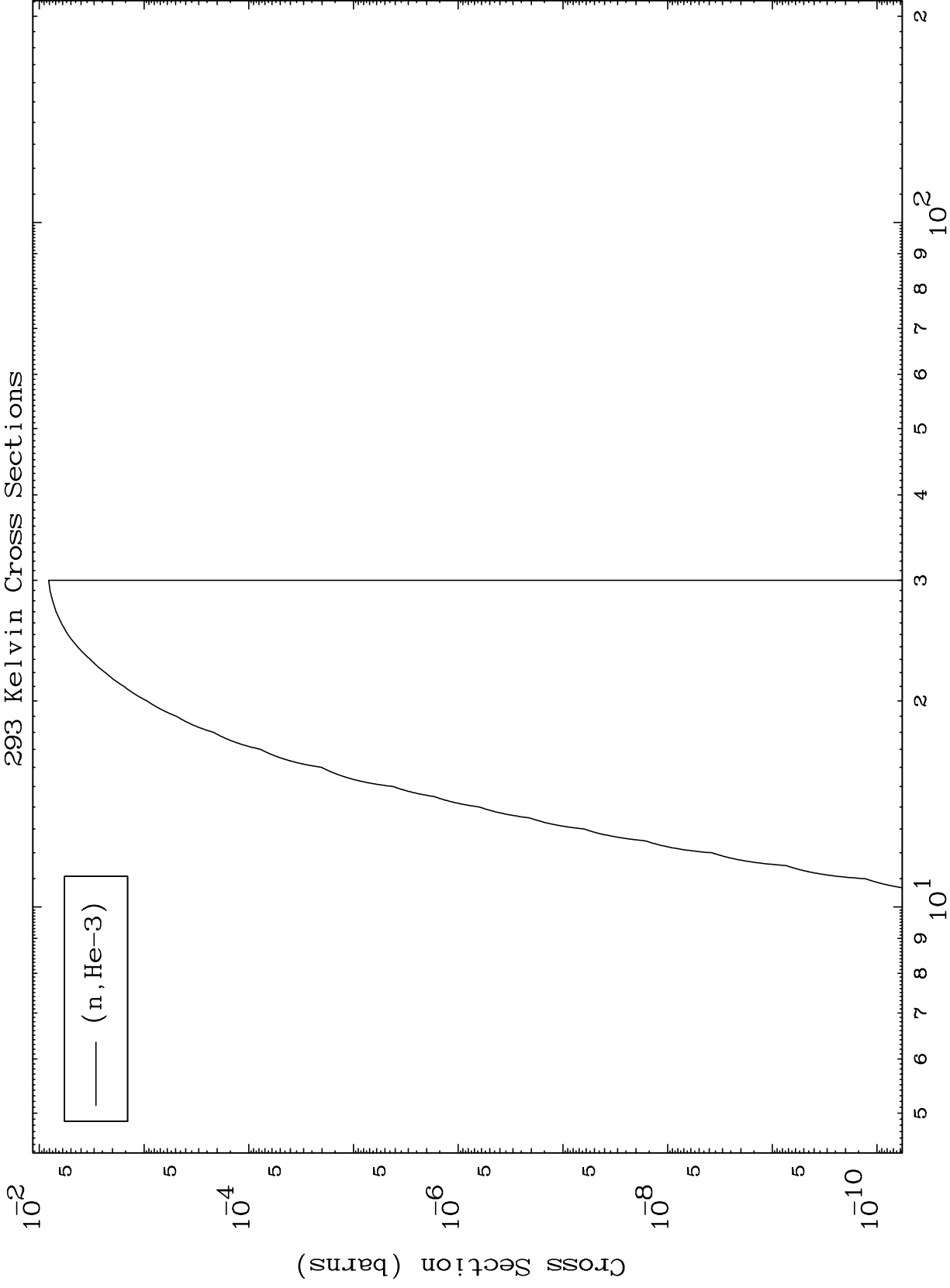
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94



12

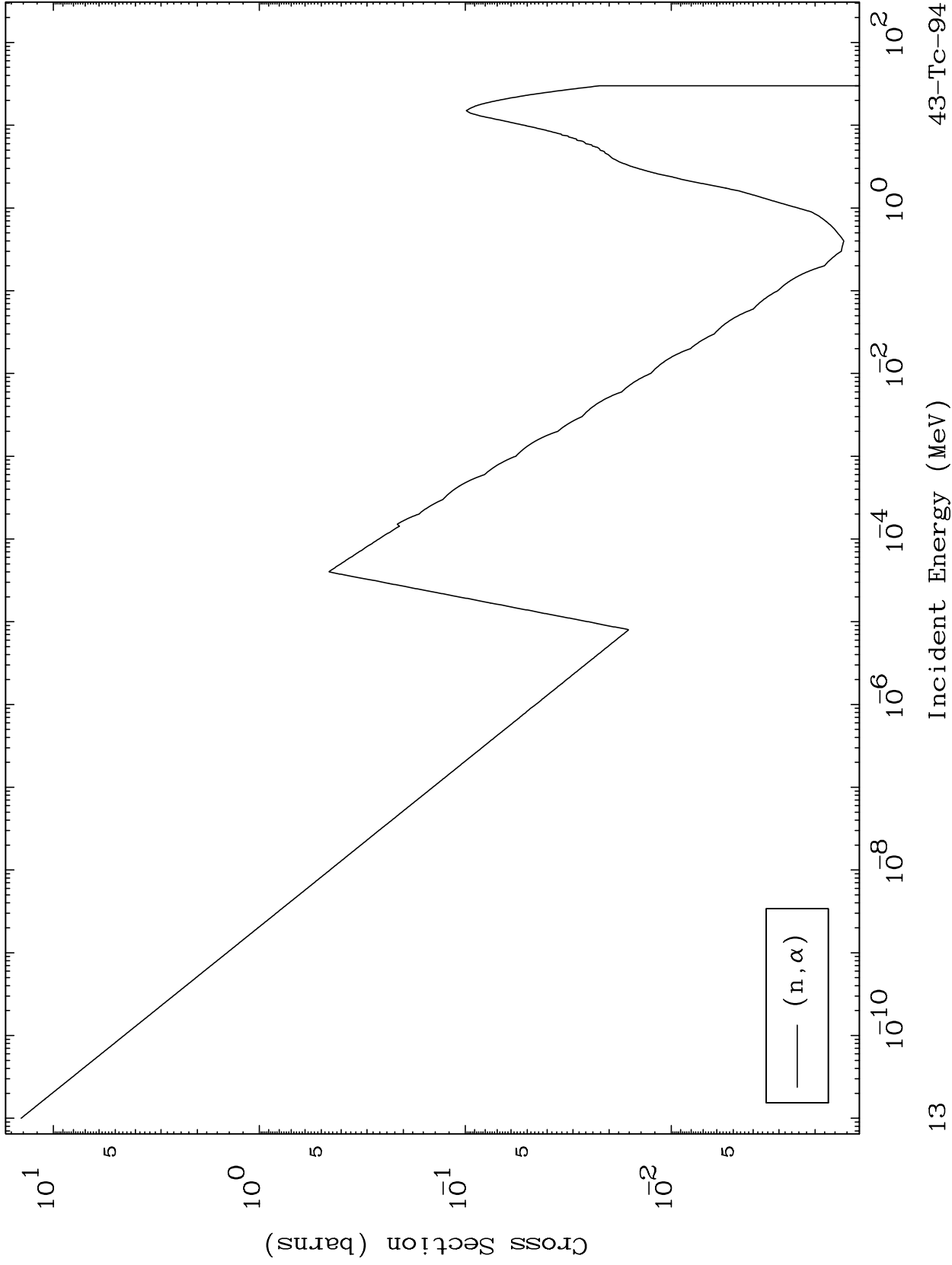
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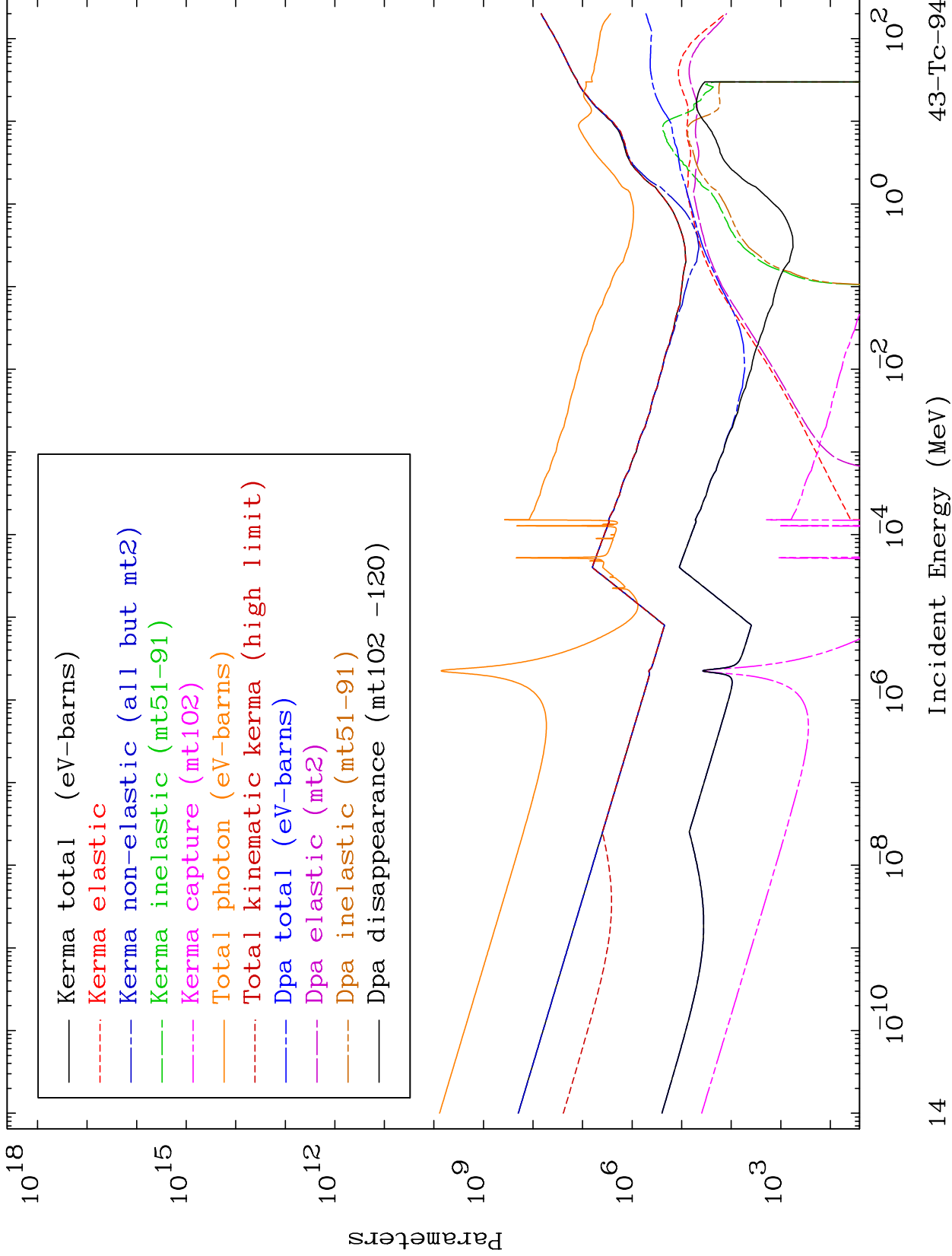
43-Tc-94

MAT 4310

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-94

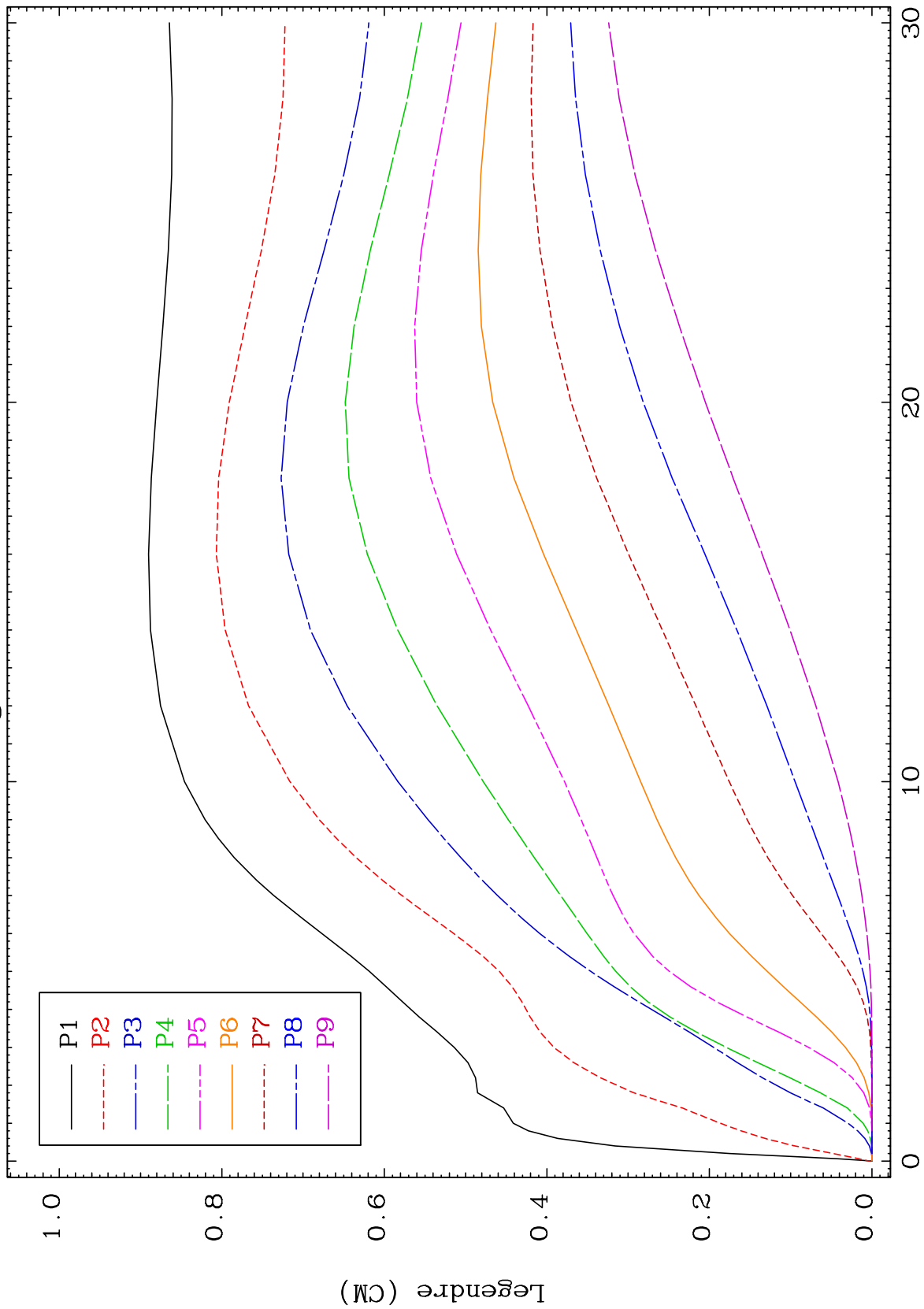




MAT 4310

Elastic Legendre Coefficients

43-Tc-94

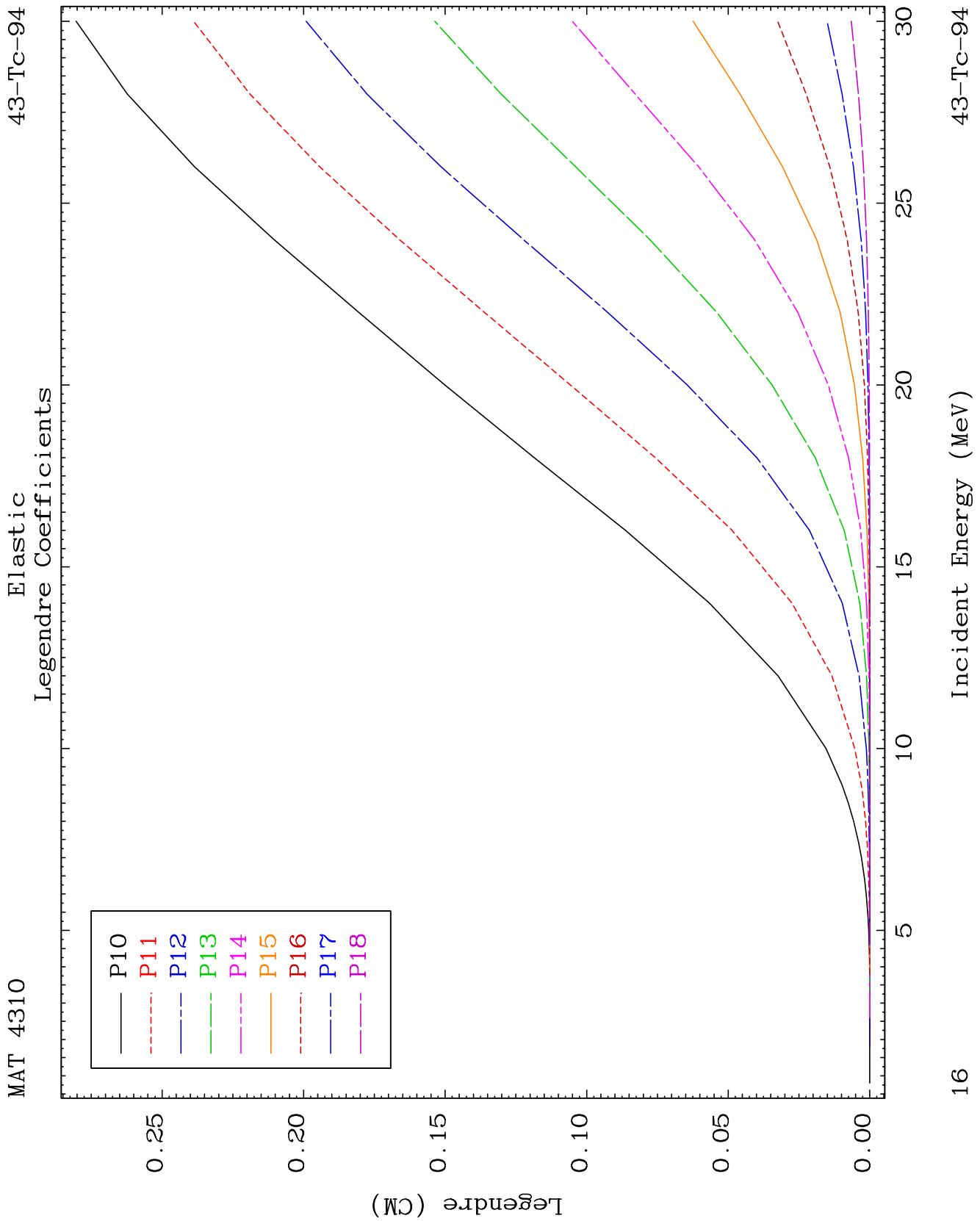


15

Incident Energy (MeV)

43-Tc-94

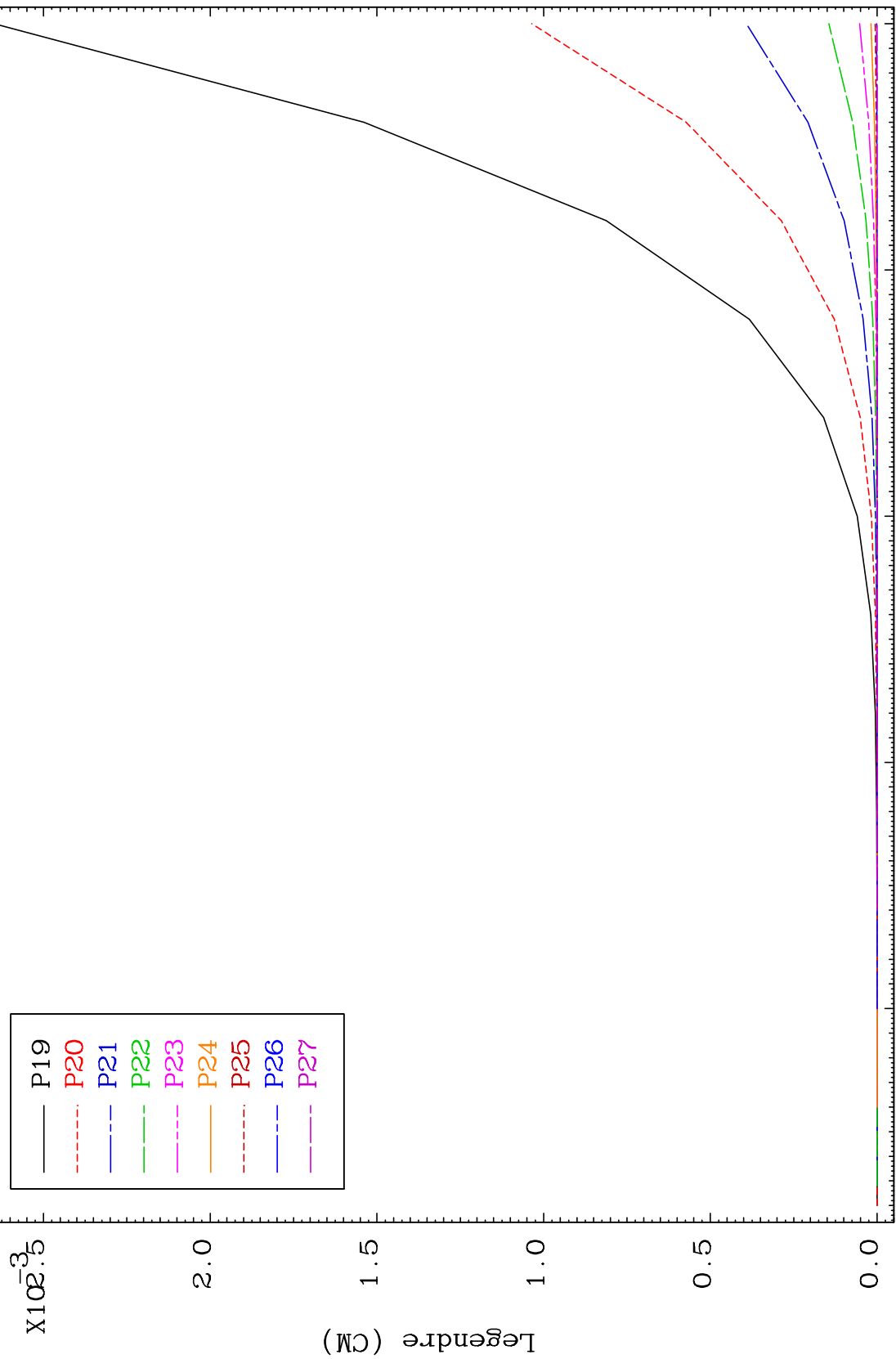
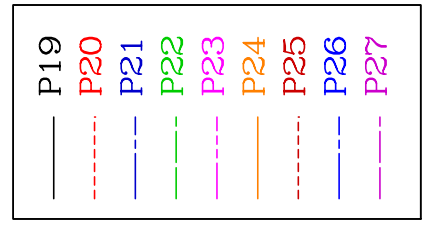
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MAT 4310

Elastic Legendre Coefficients

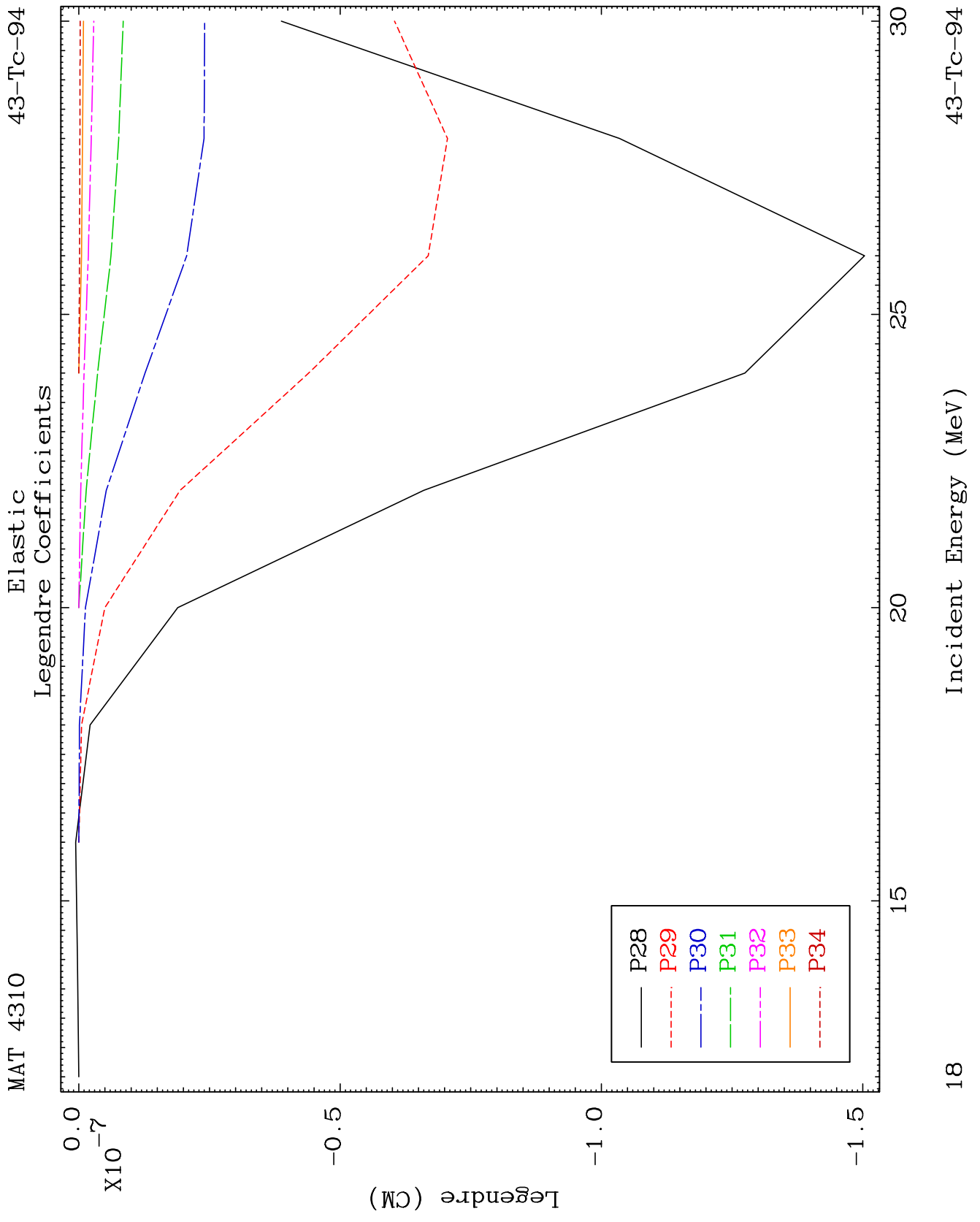
43-Tc-94



17

Incident Energy (MeV)

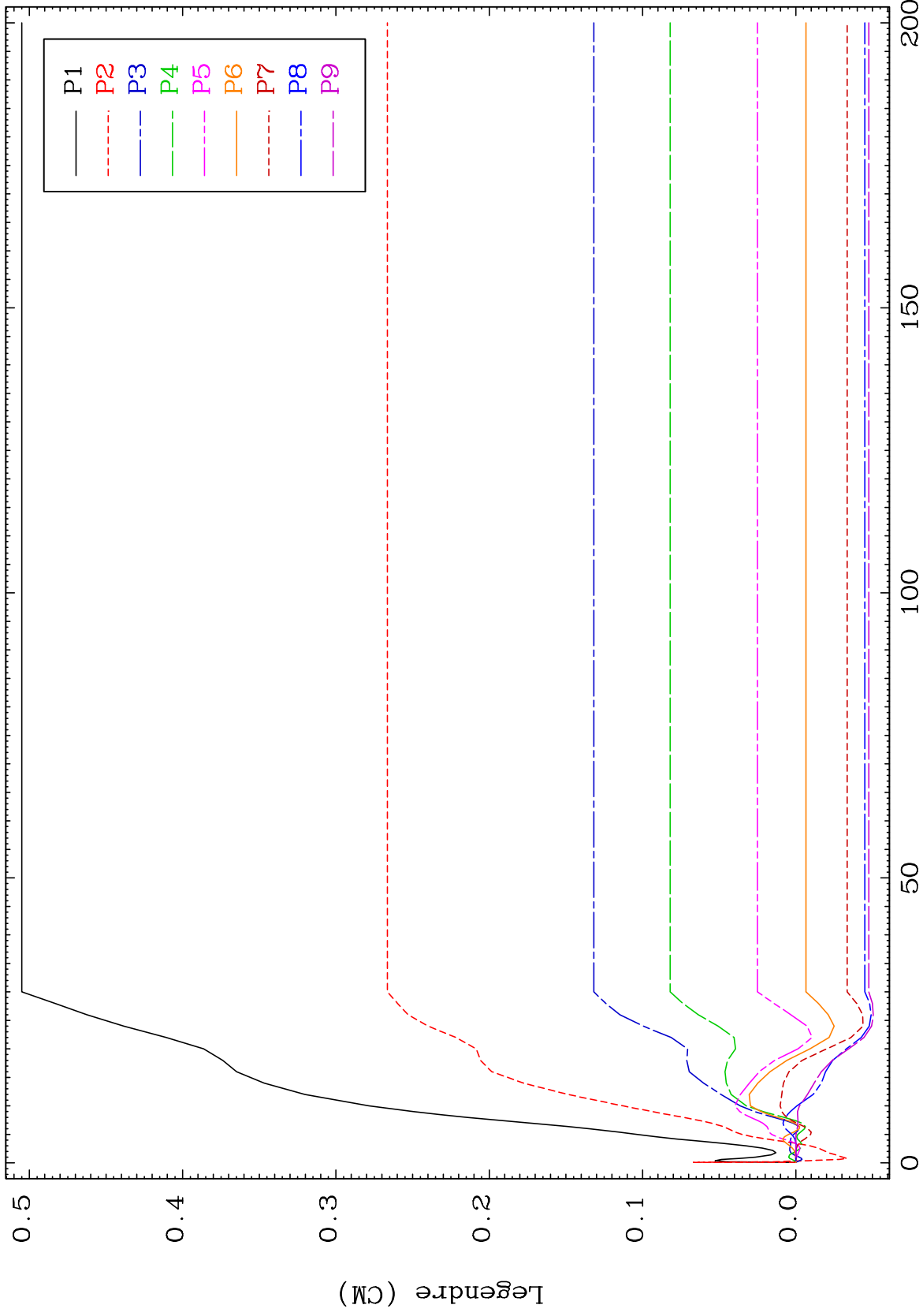
43-Tc-94



MAT 4310

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

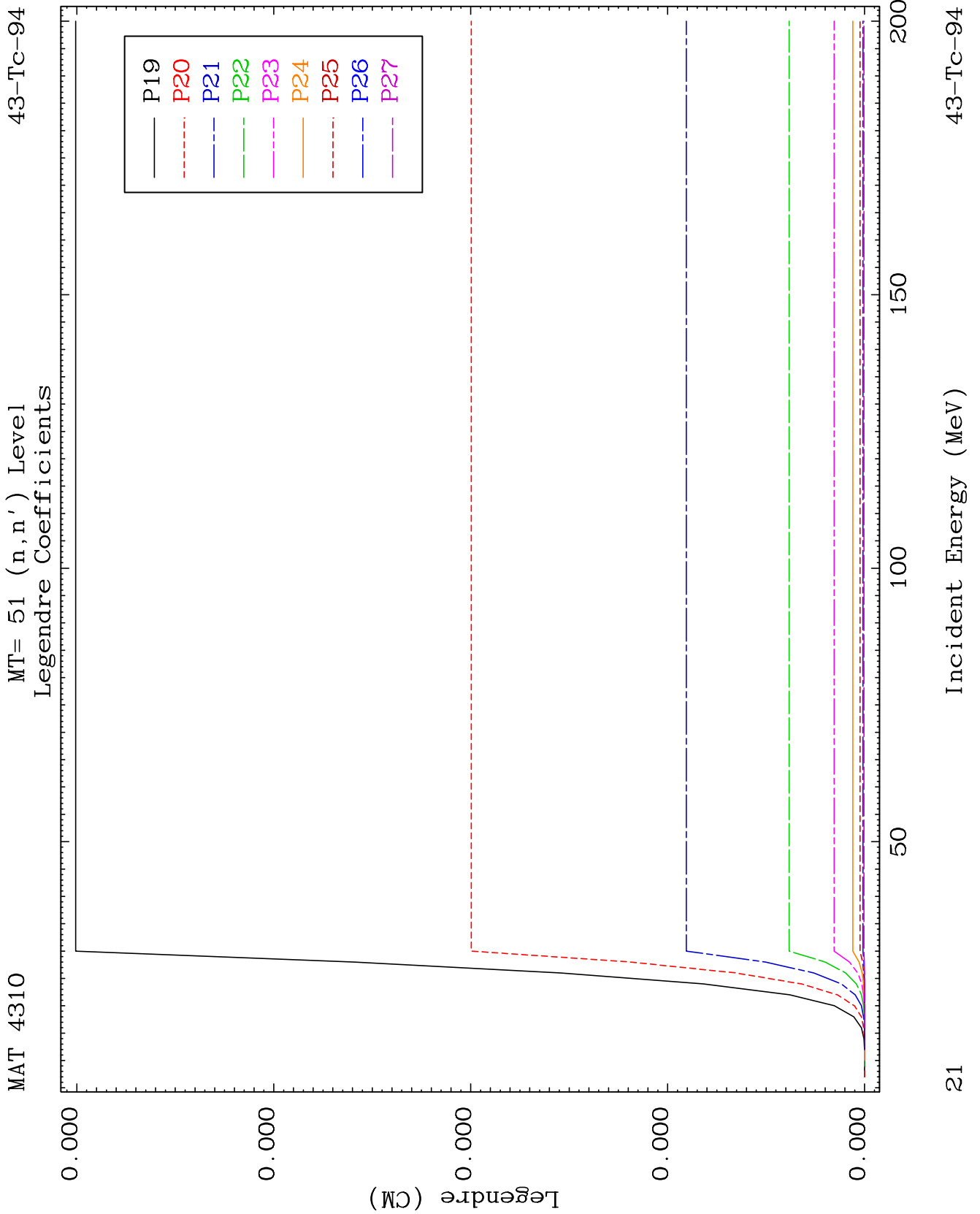
43-Tc-94



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Incident Energy (MeV)

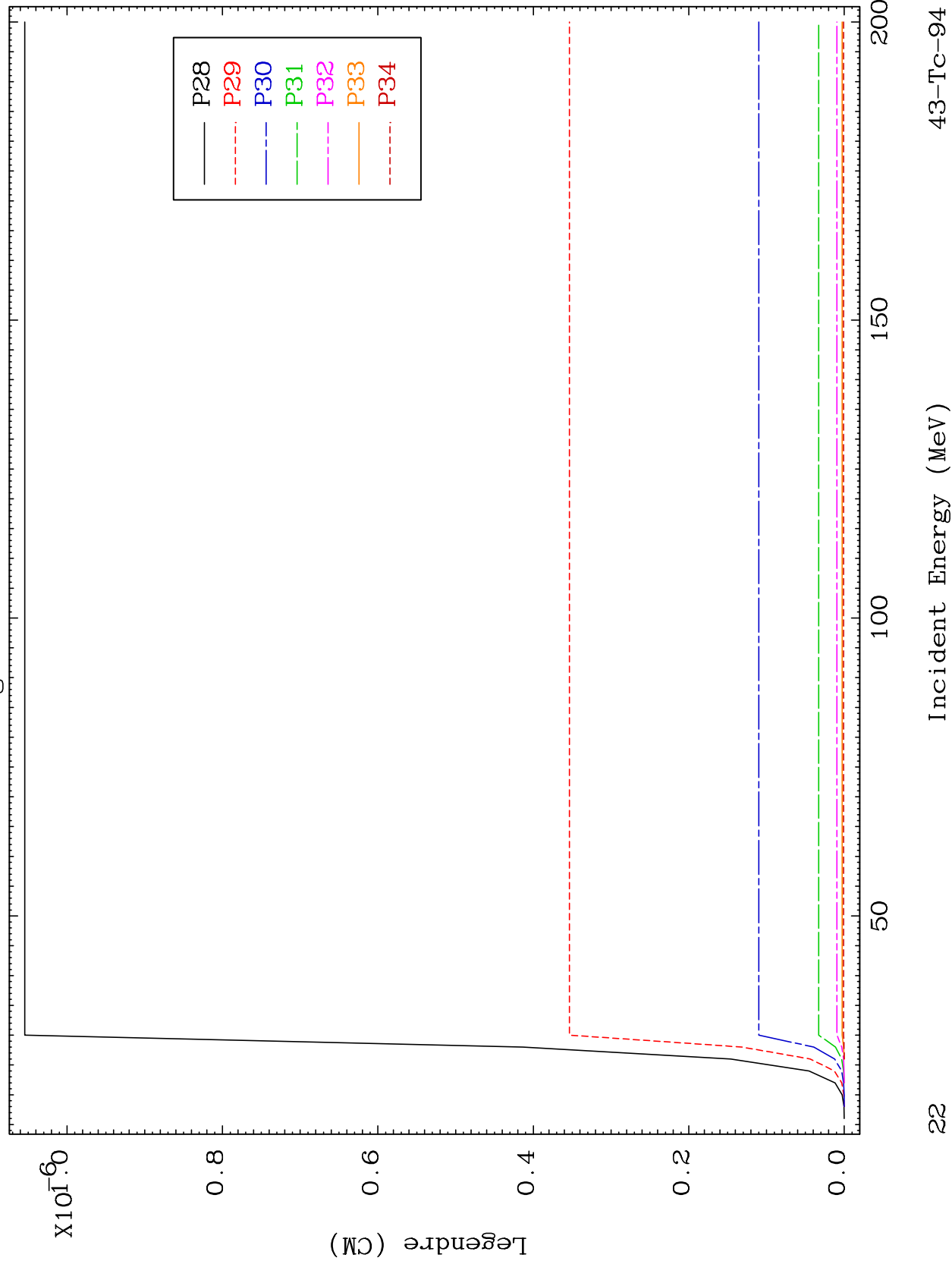
43-Tc-94



MAT 4310

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

43-Tc-94



22

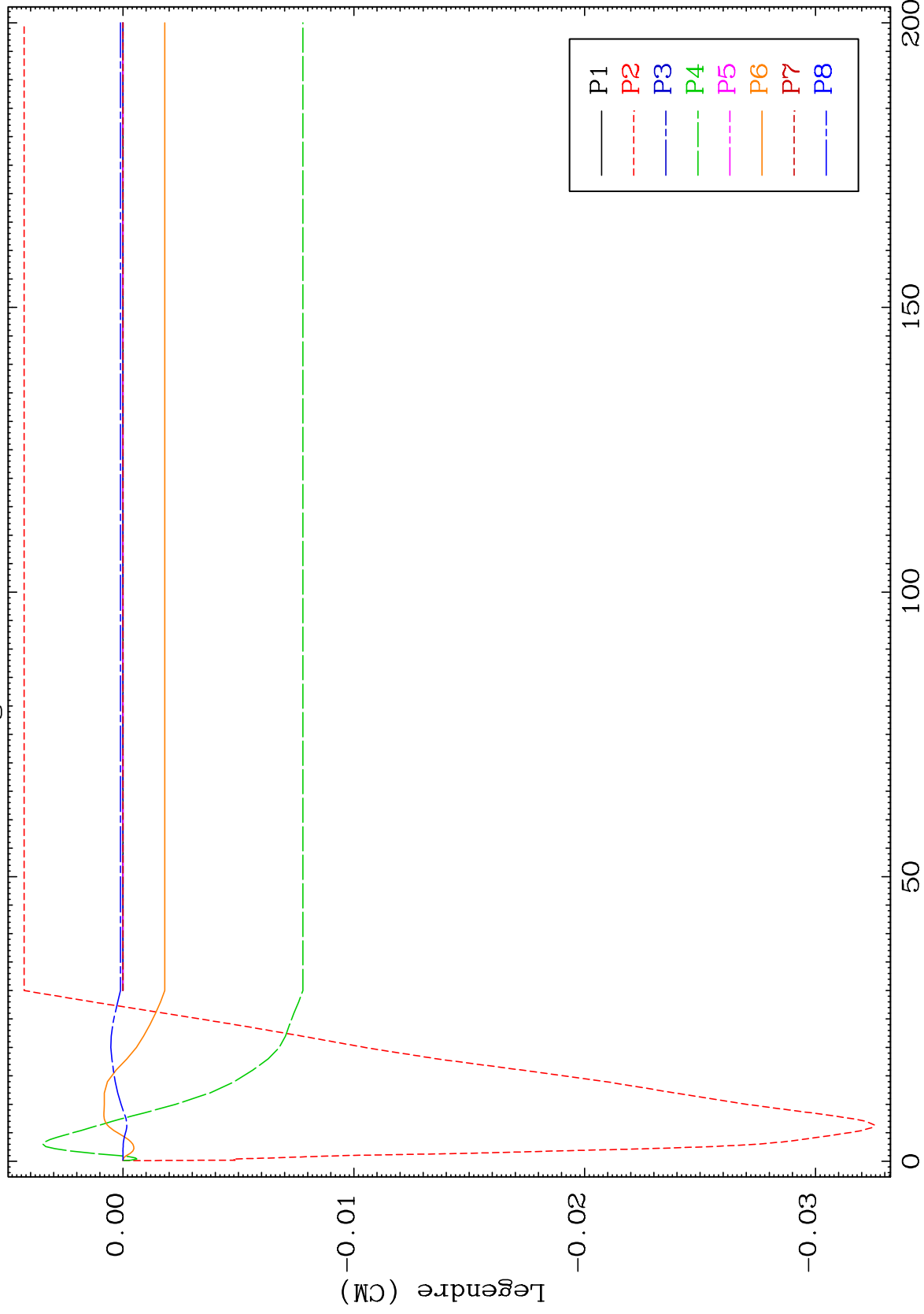
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

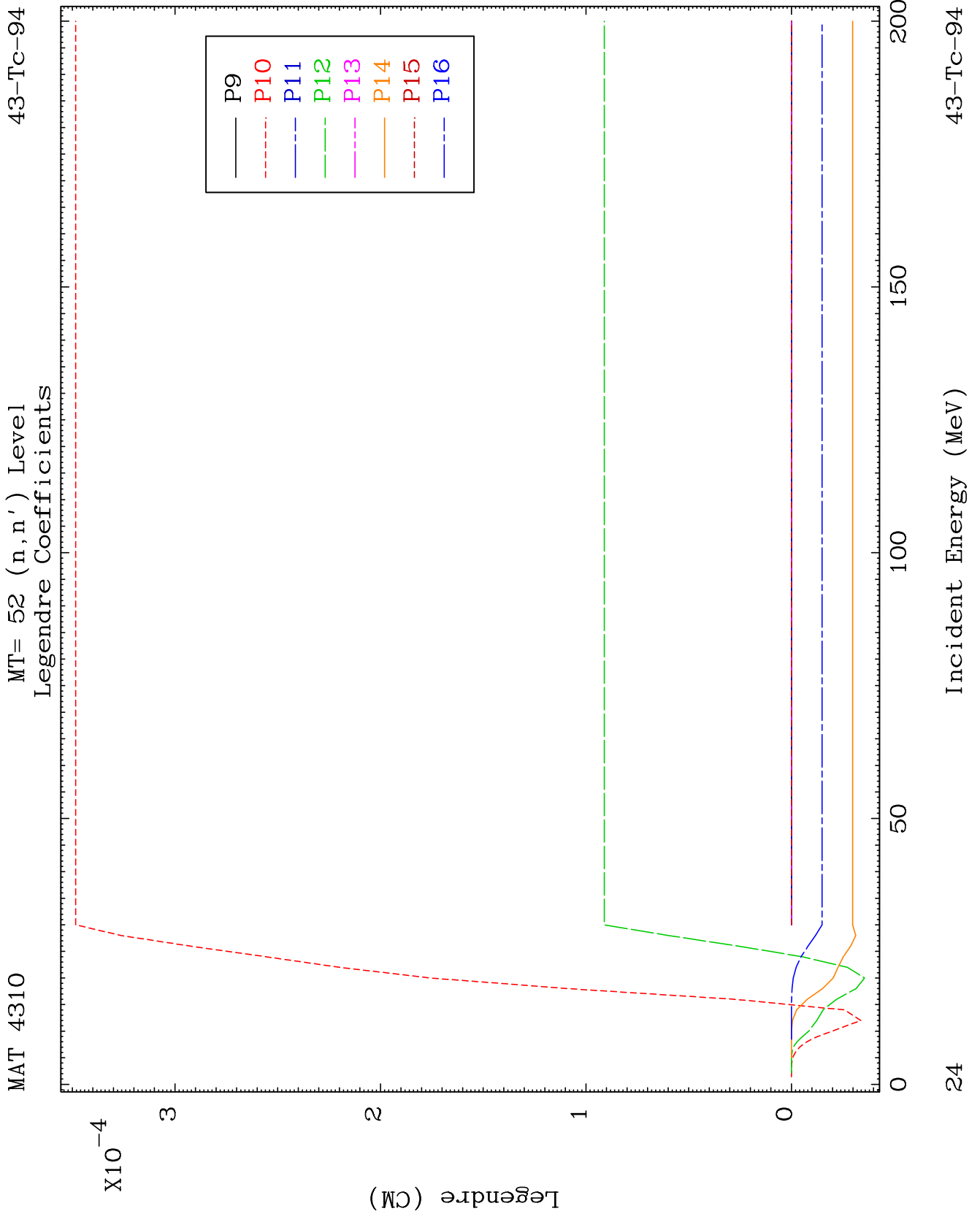
MT= 52 (n,n') Level
Legendre Coefficients



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Incident Energy (MeV)

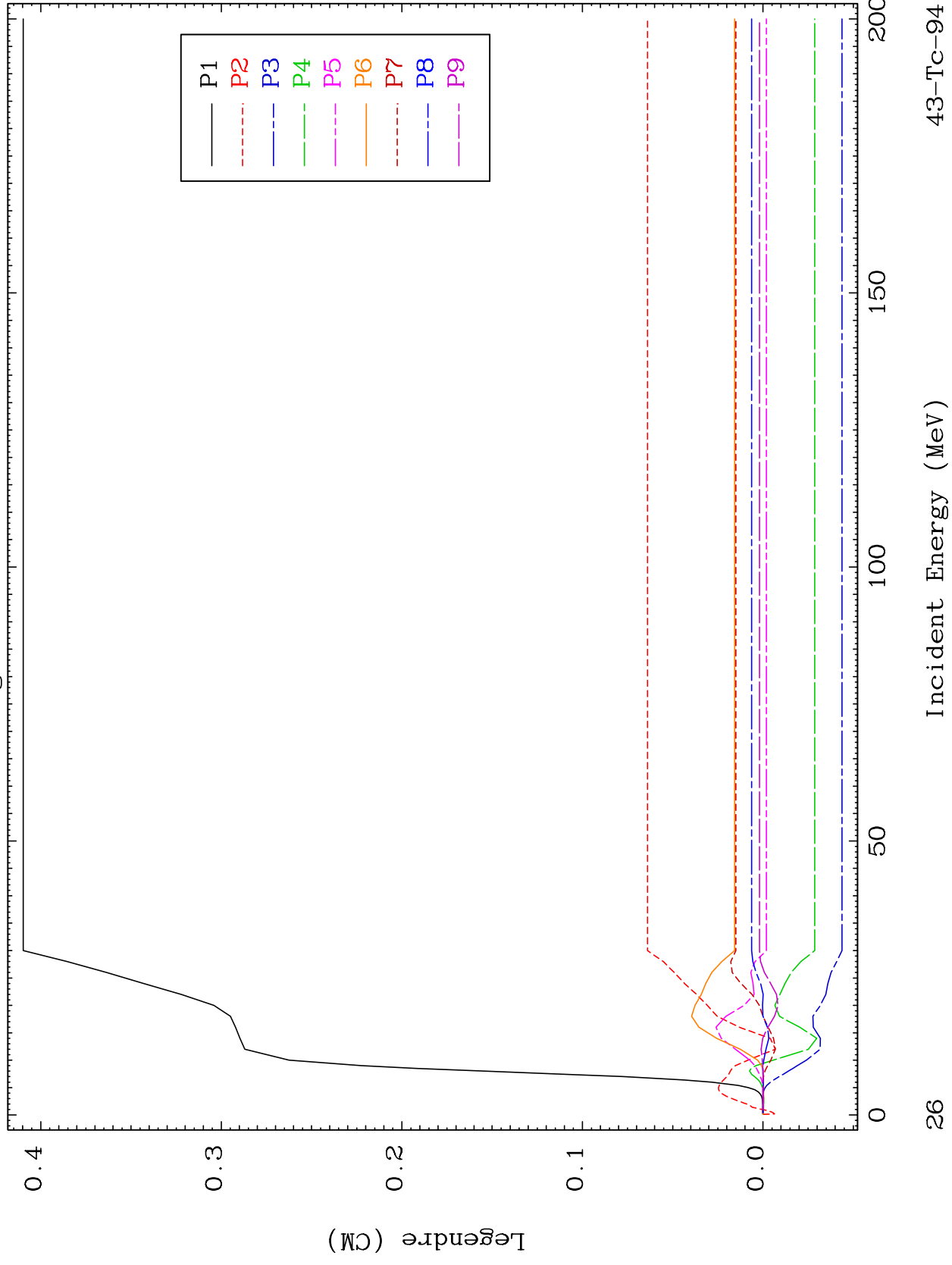
43-Tc-94



MAT 4310

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

43-Tc-94



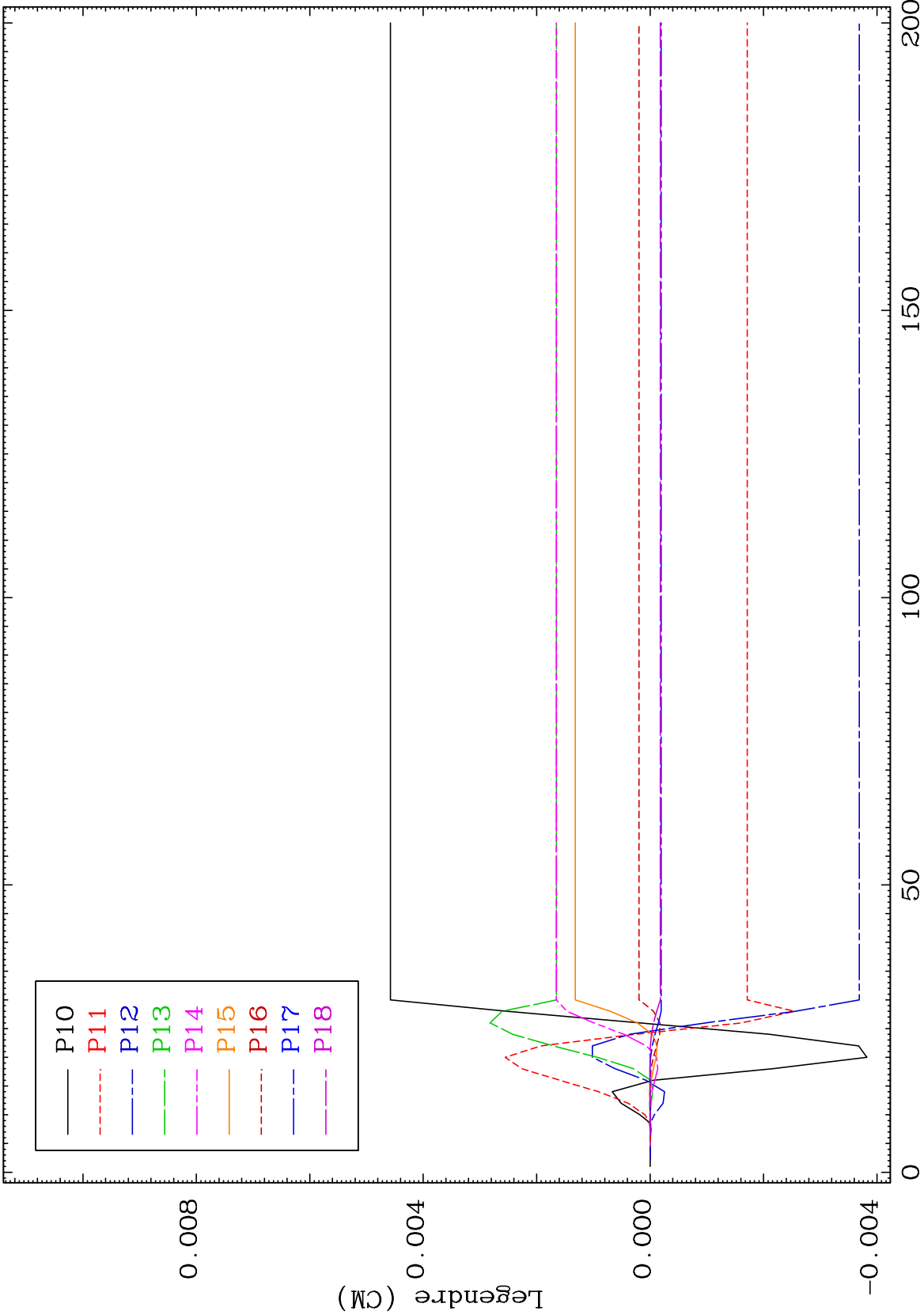
26

43-Tc-94

MAT 4310

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

43-Tc-94



27

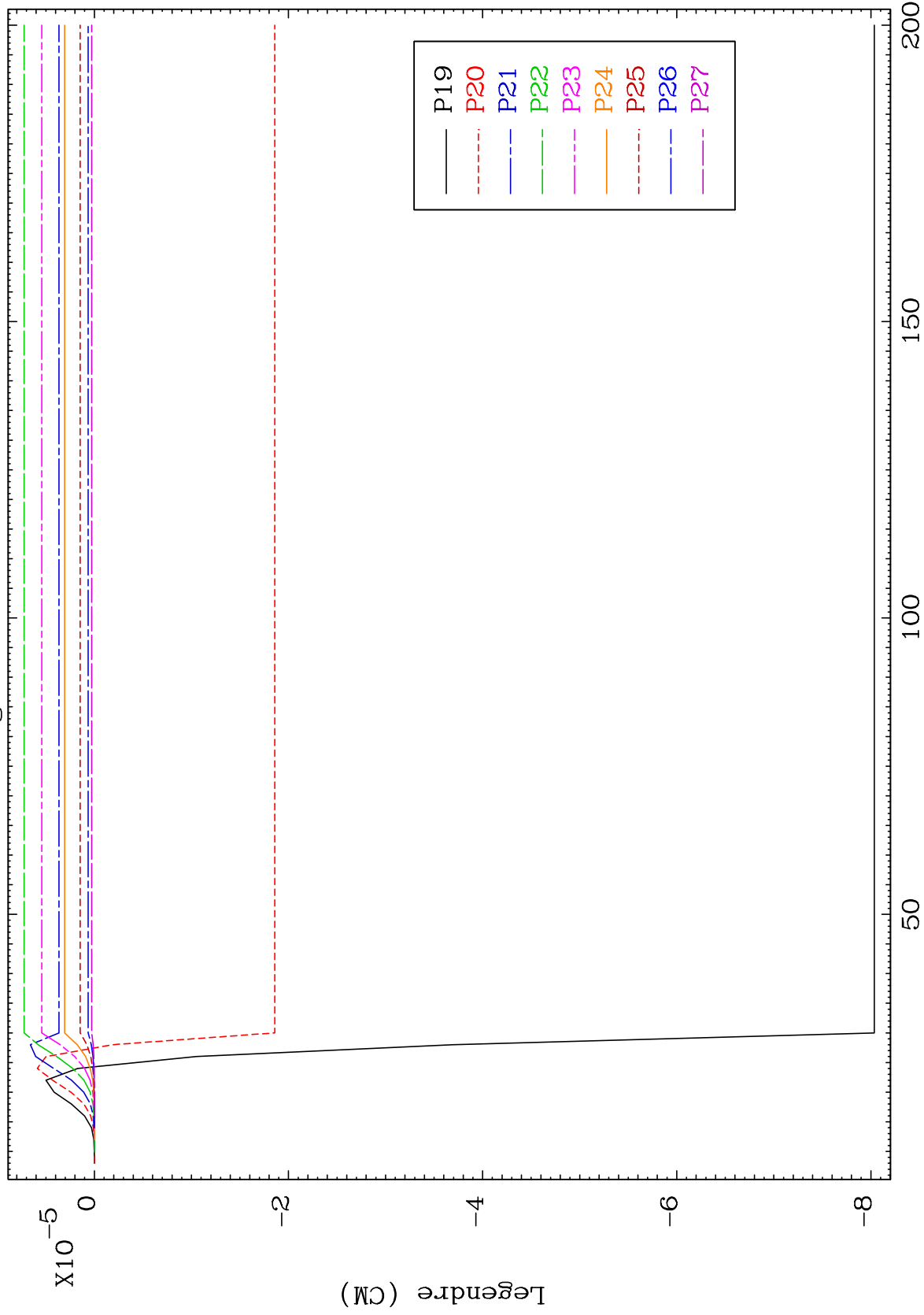
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



28

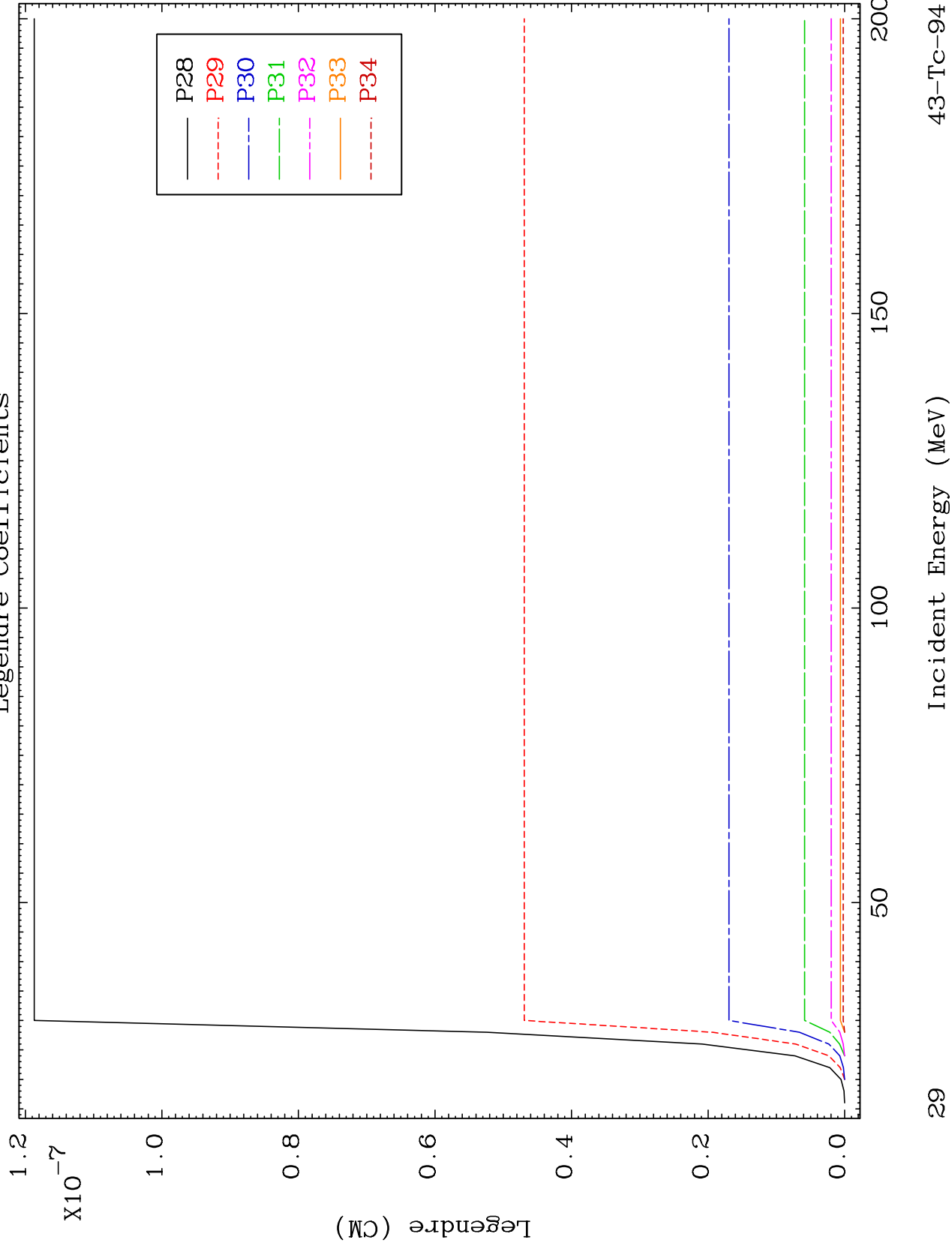
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

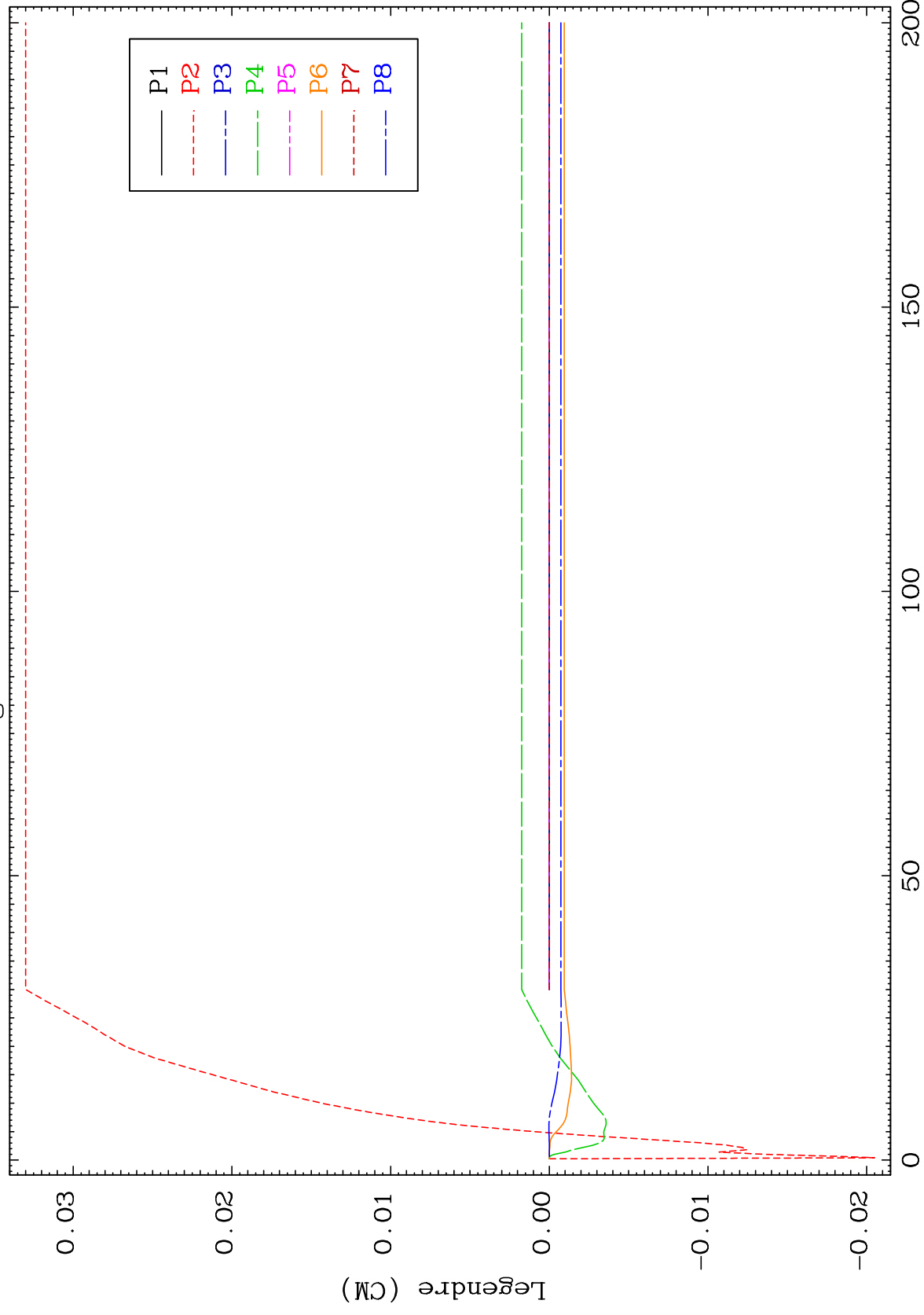


29

MAT 4310

MT= 54 (n,n') Level
Legendre Coefficients

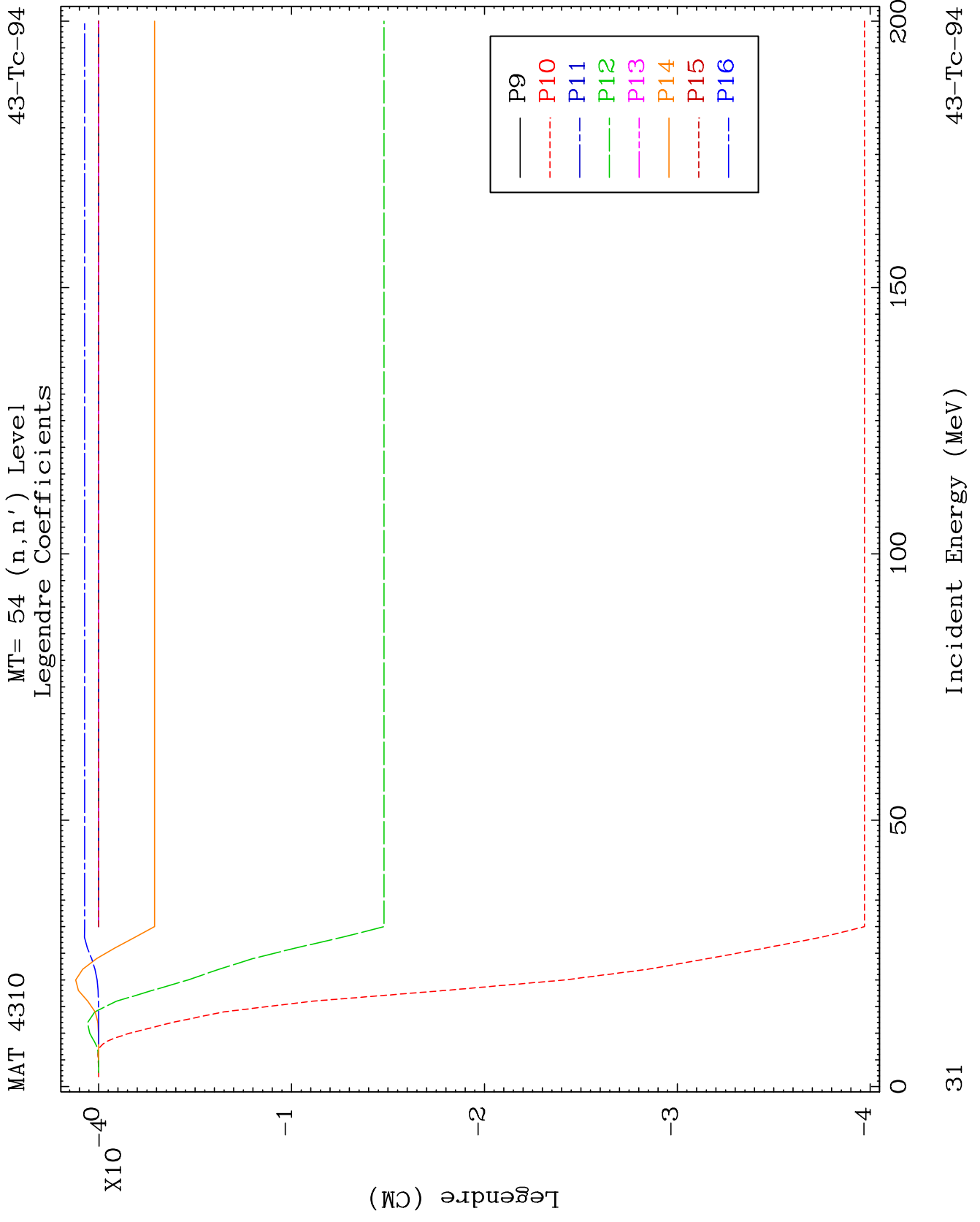
43-Tc-94

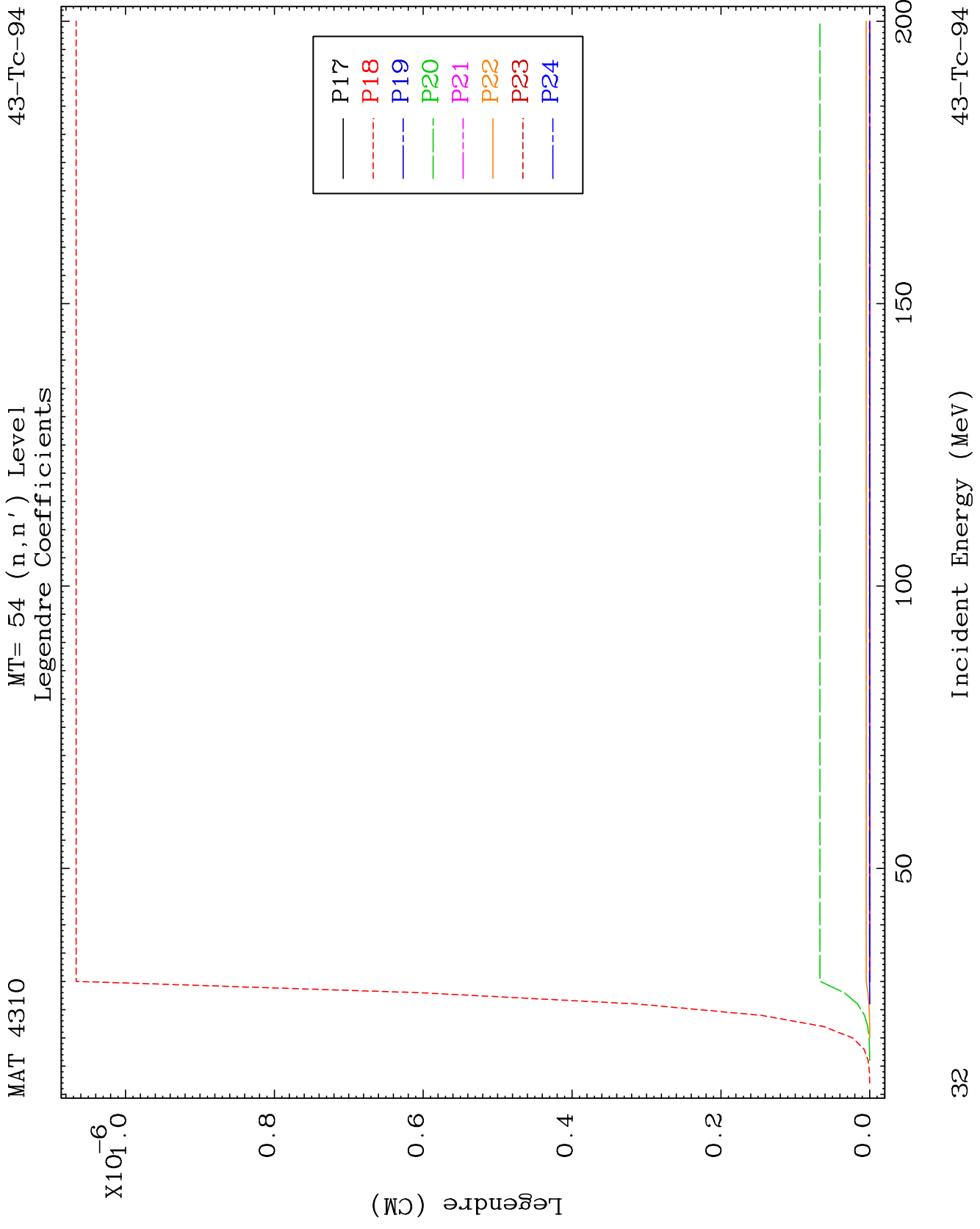


43-Tc-94

Incident Energy (MeV)

30

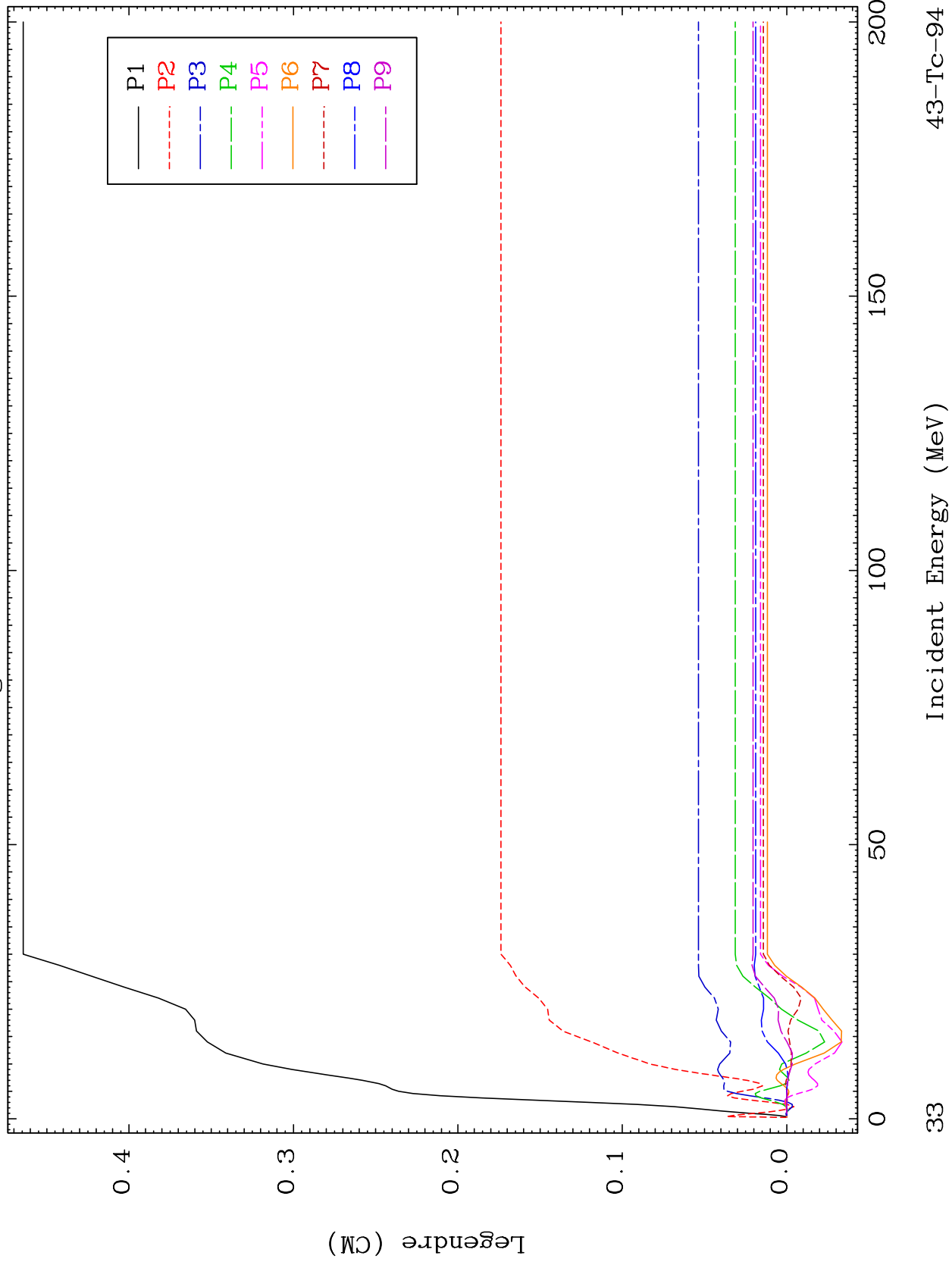




MAT 4310

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

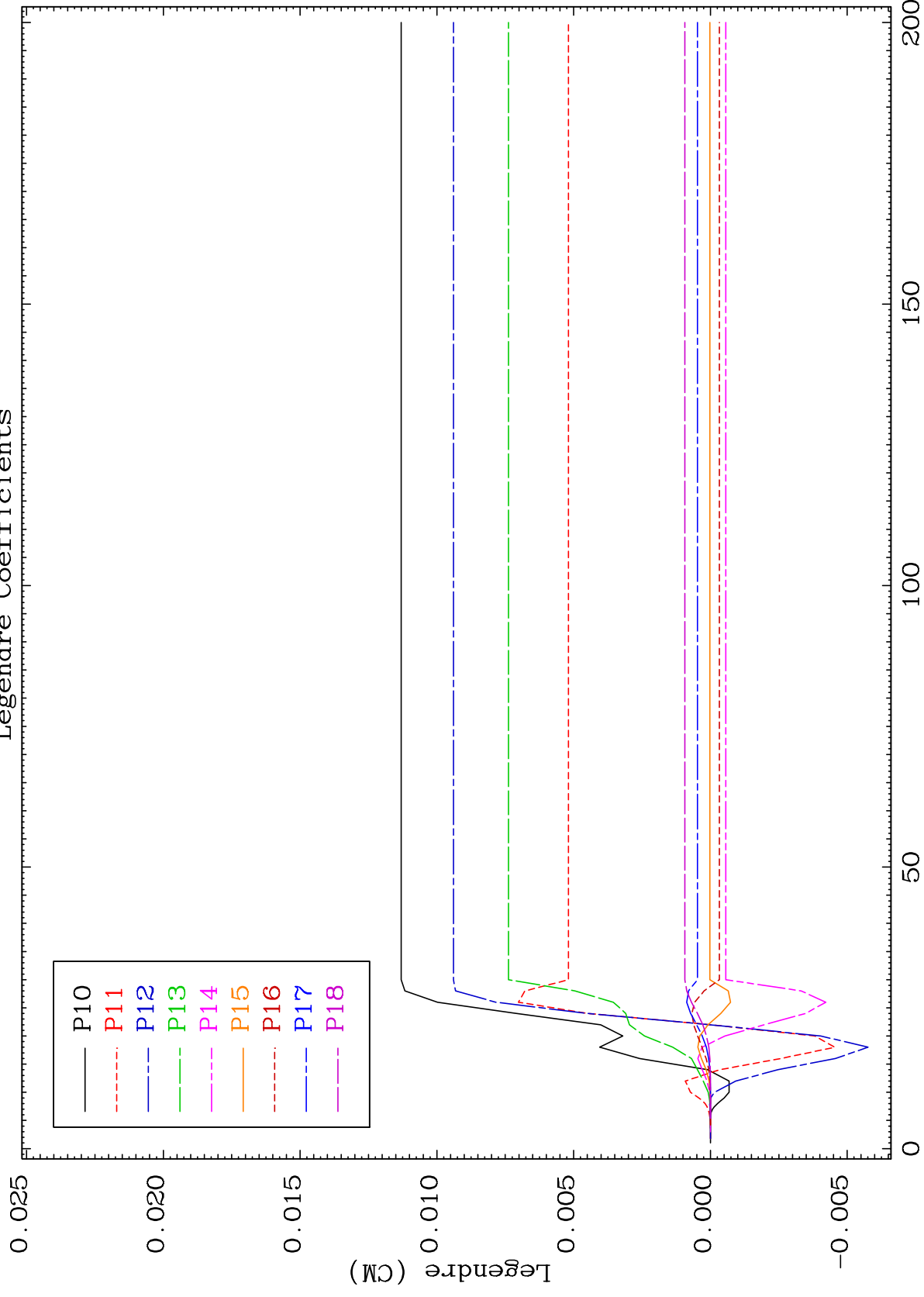
43-Tc-94



MAT 4310

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

43-Tc-94



34

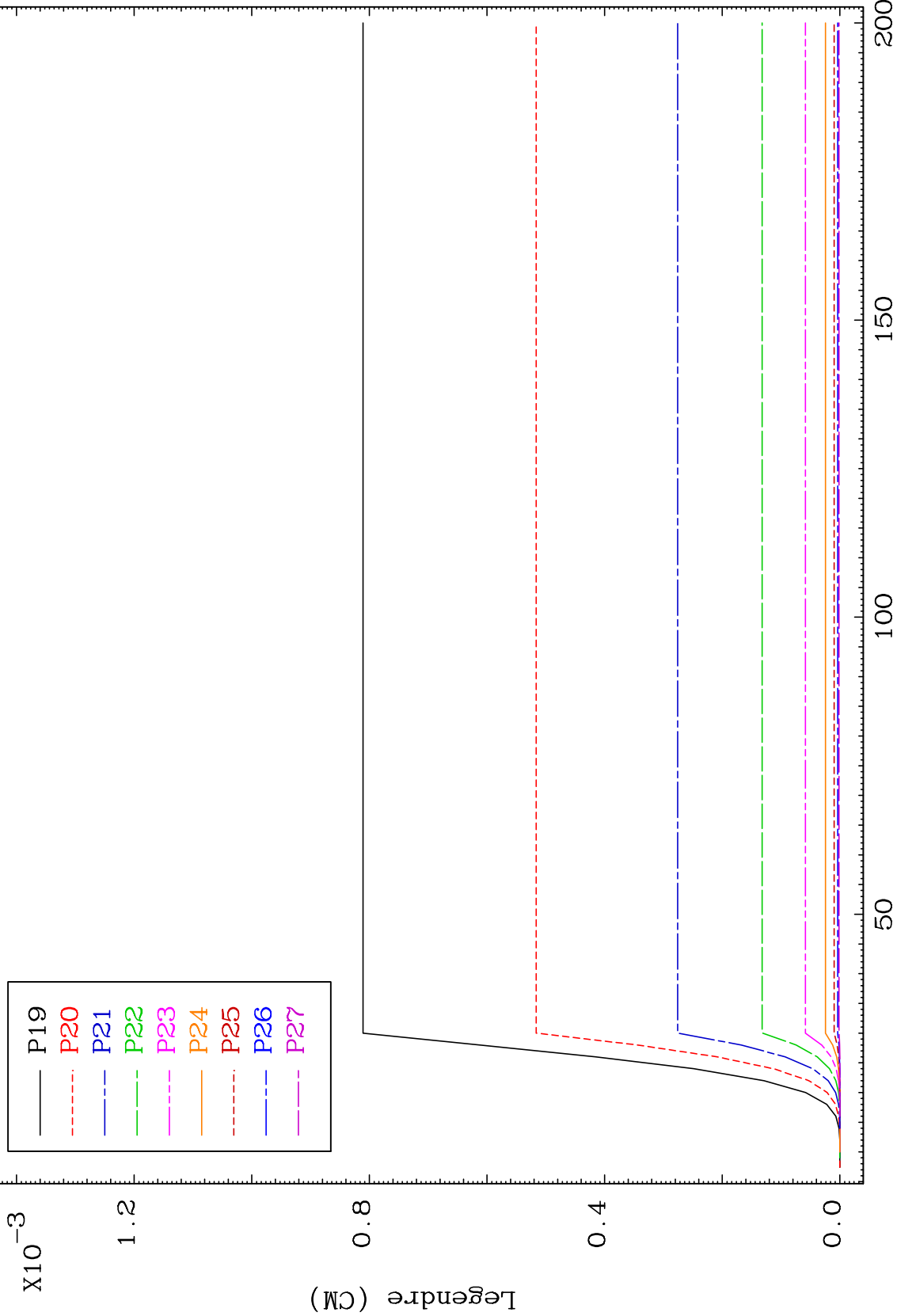
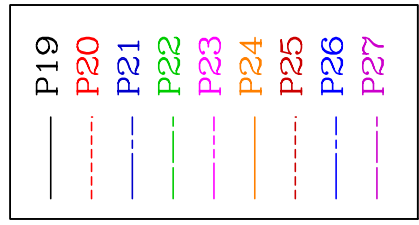
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



35

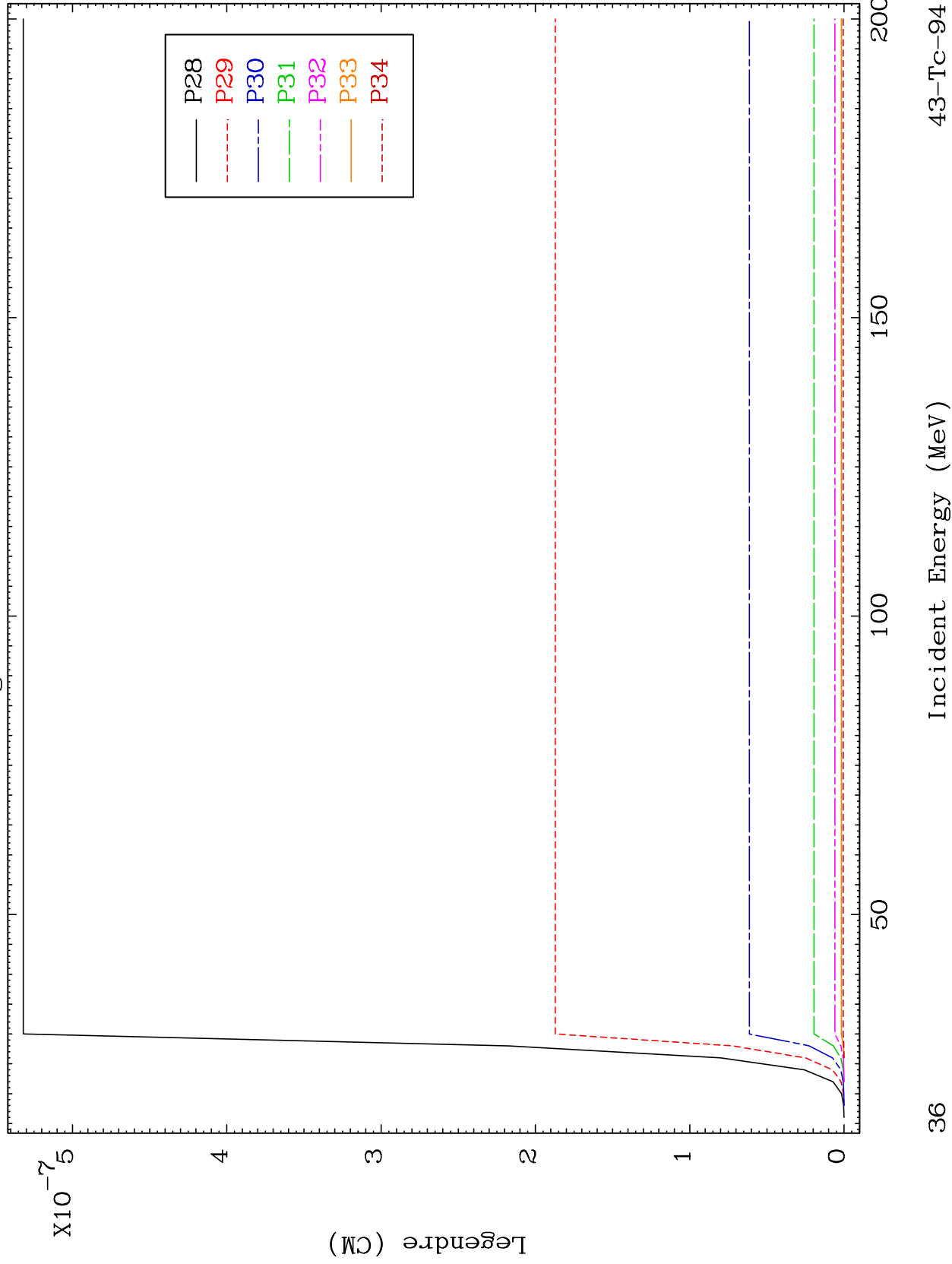
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

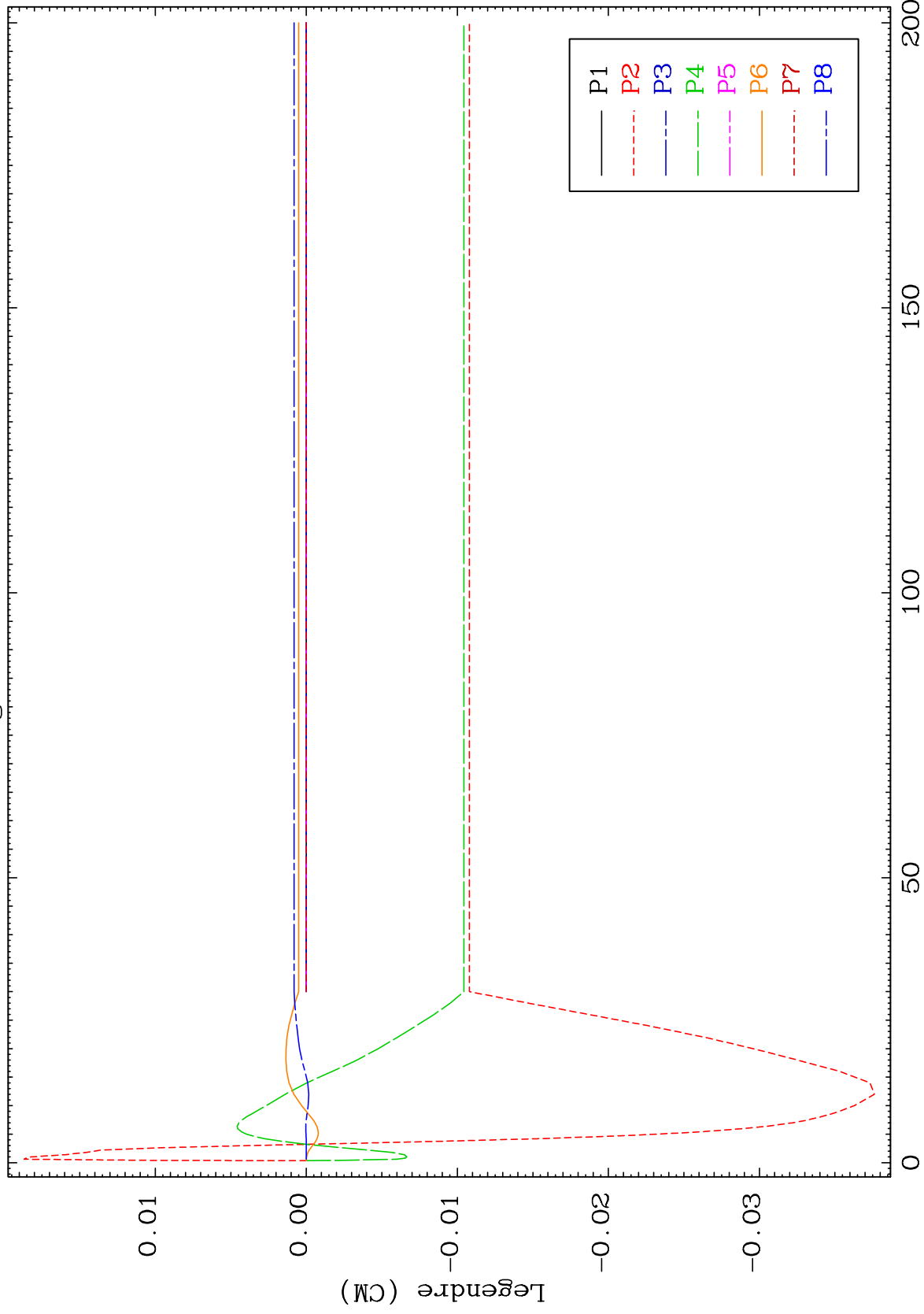
43-Tc-94



MAT 4310

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

43-Tc-94



37

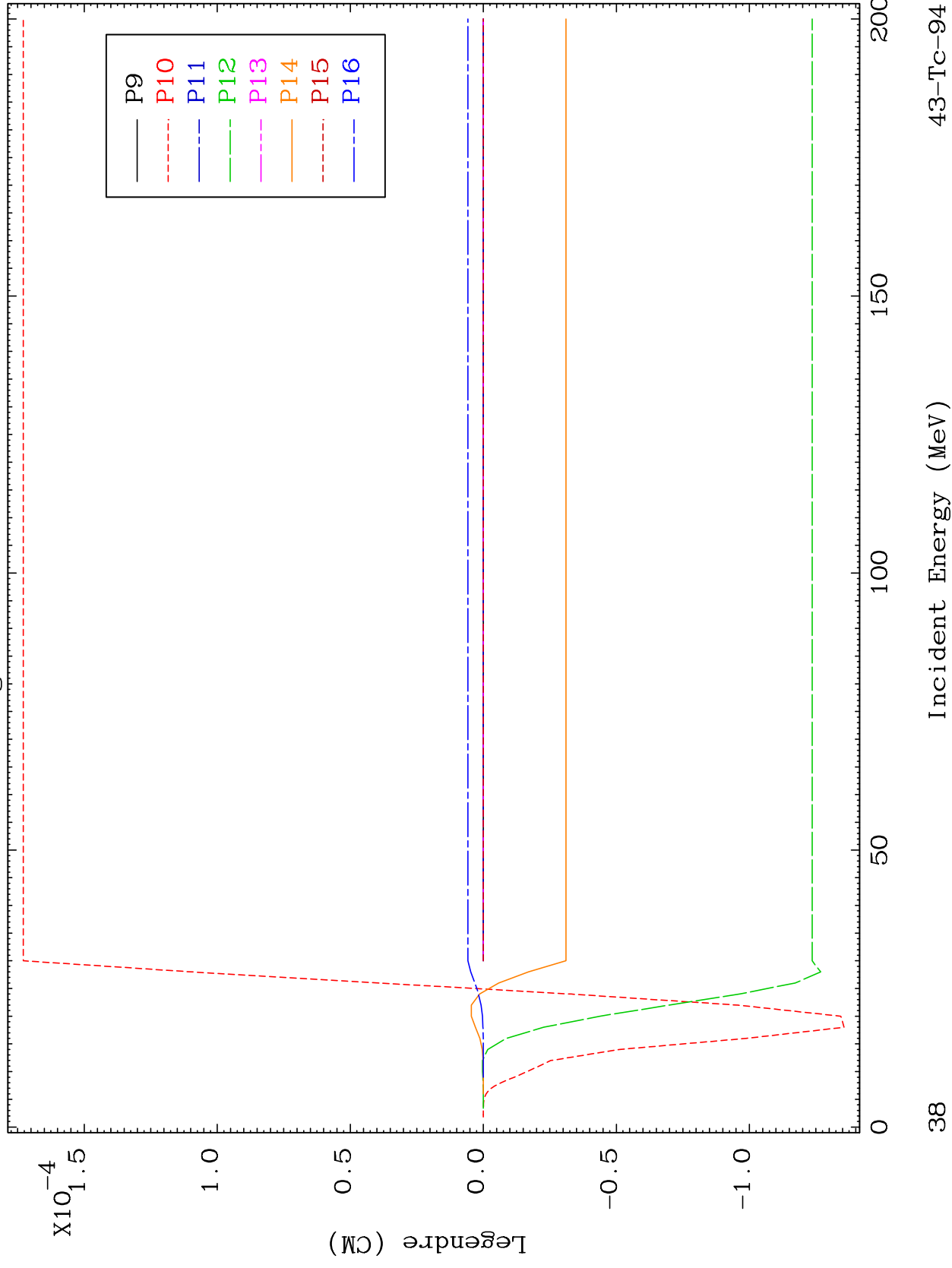
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

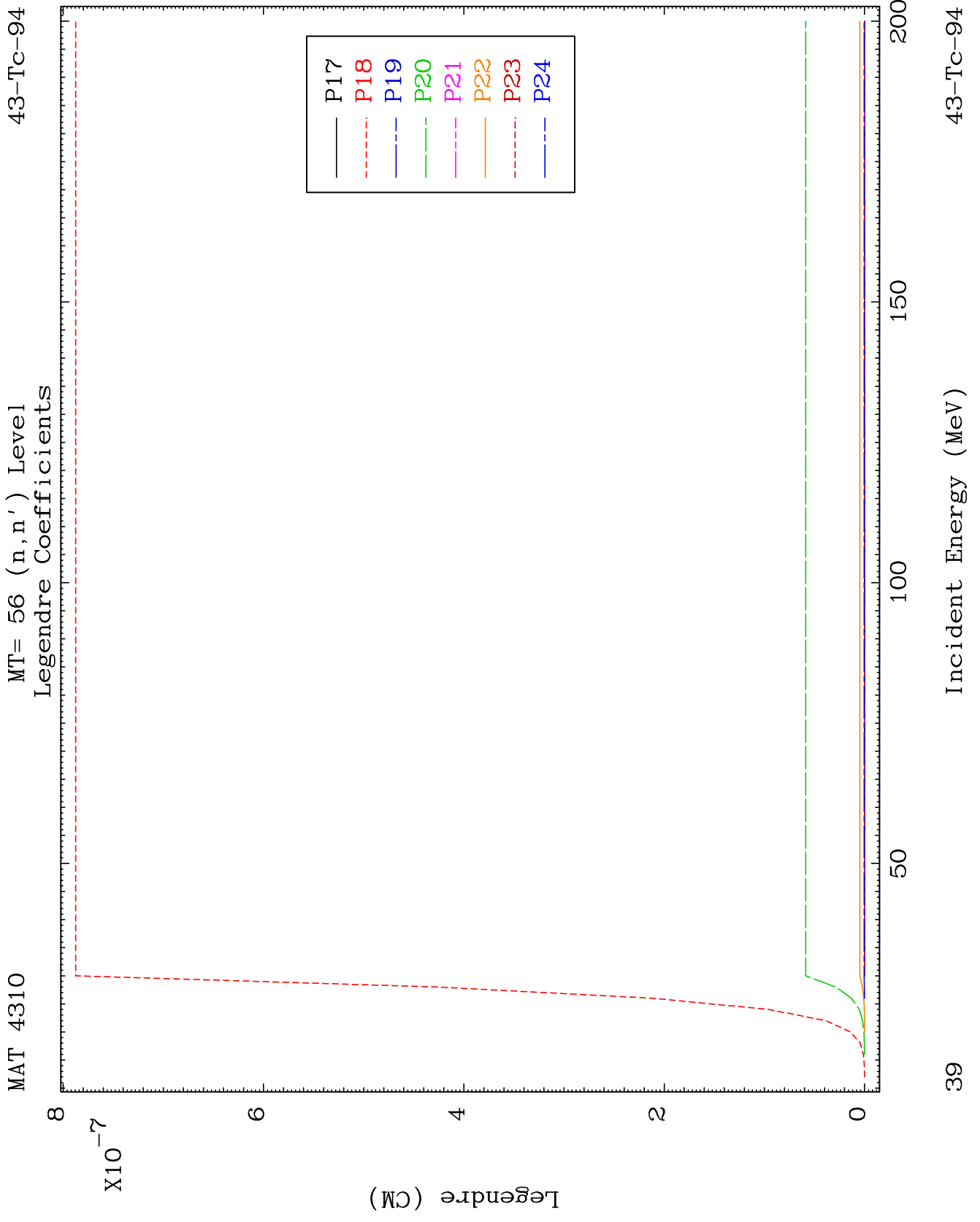
43-Tc-94



38

Incident Energy (MeV)

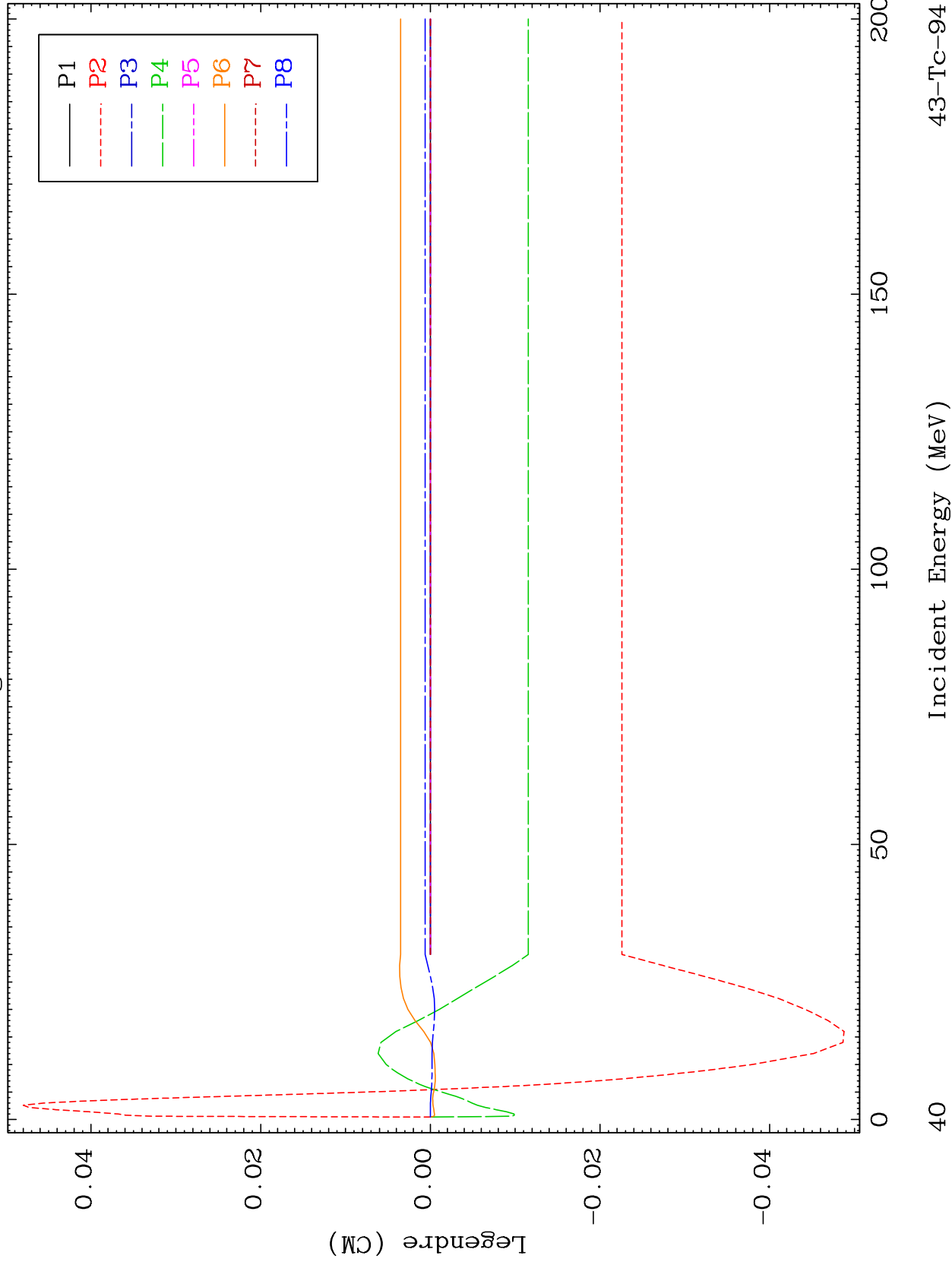
43-Tc-94



MAT 4310

MT= 57 (n,n') Level
Legendre Coefficients

43-Tc-94

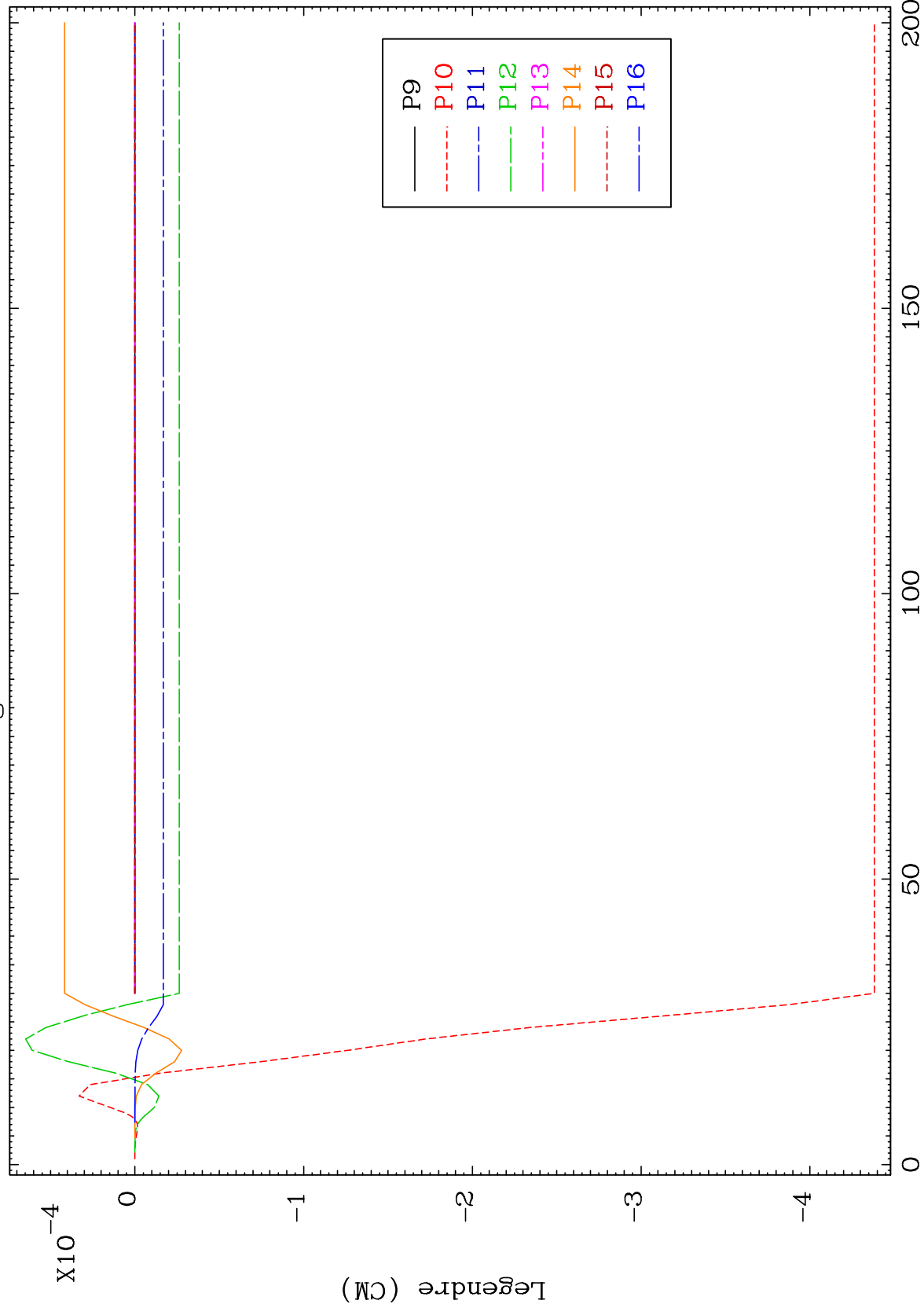


43-Tc-94

MAT 4310

MT= 57 (n,n') Level
Legendre Coefficients

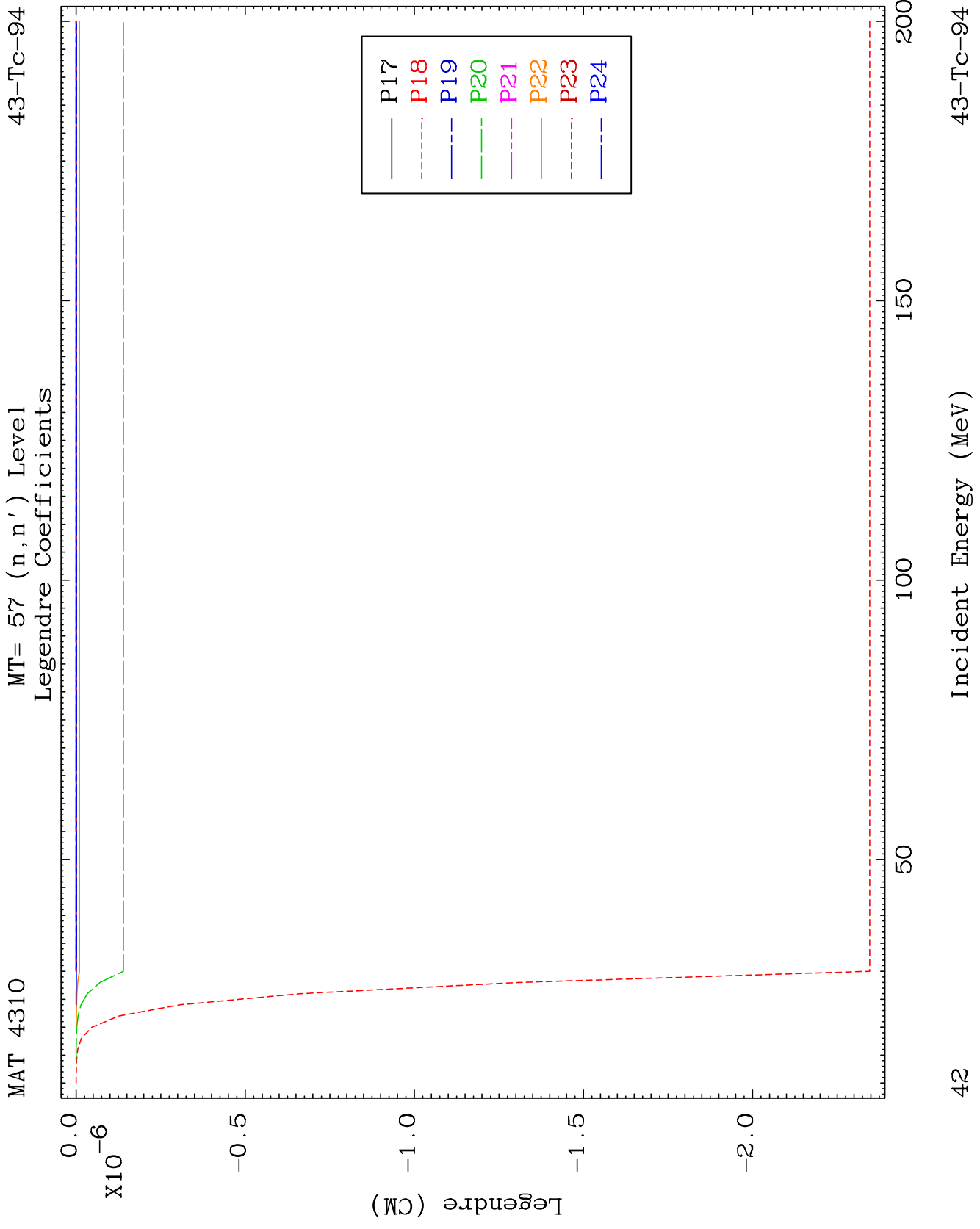
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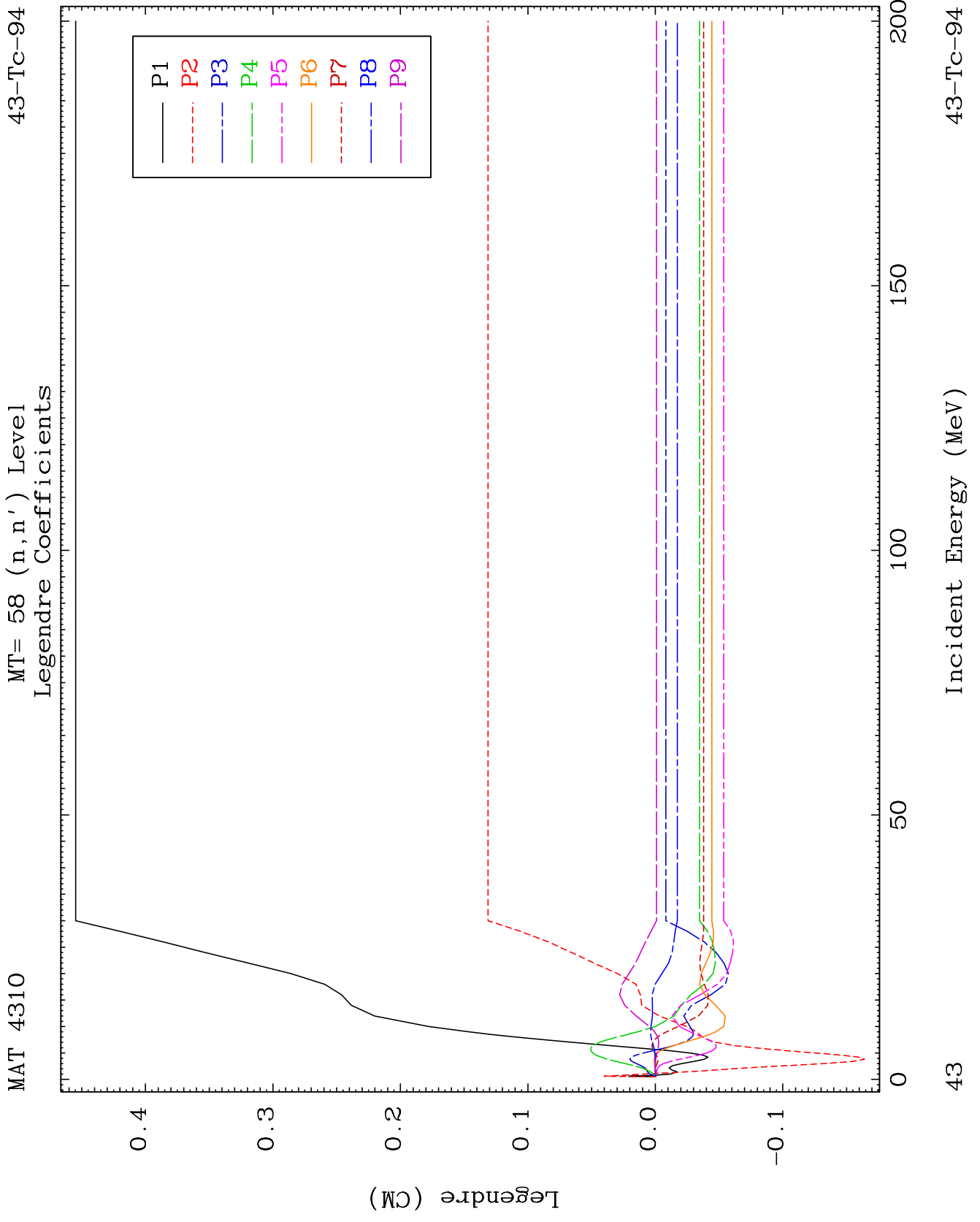


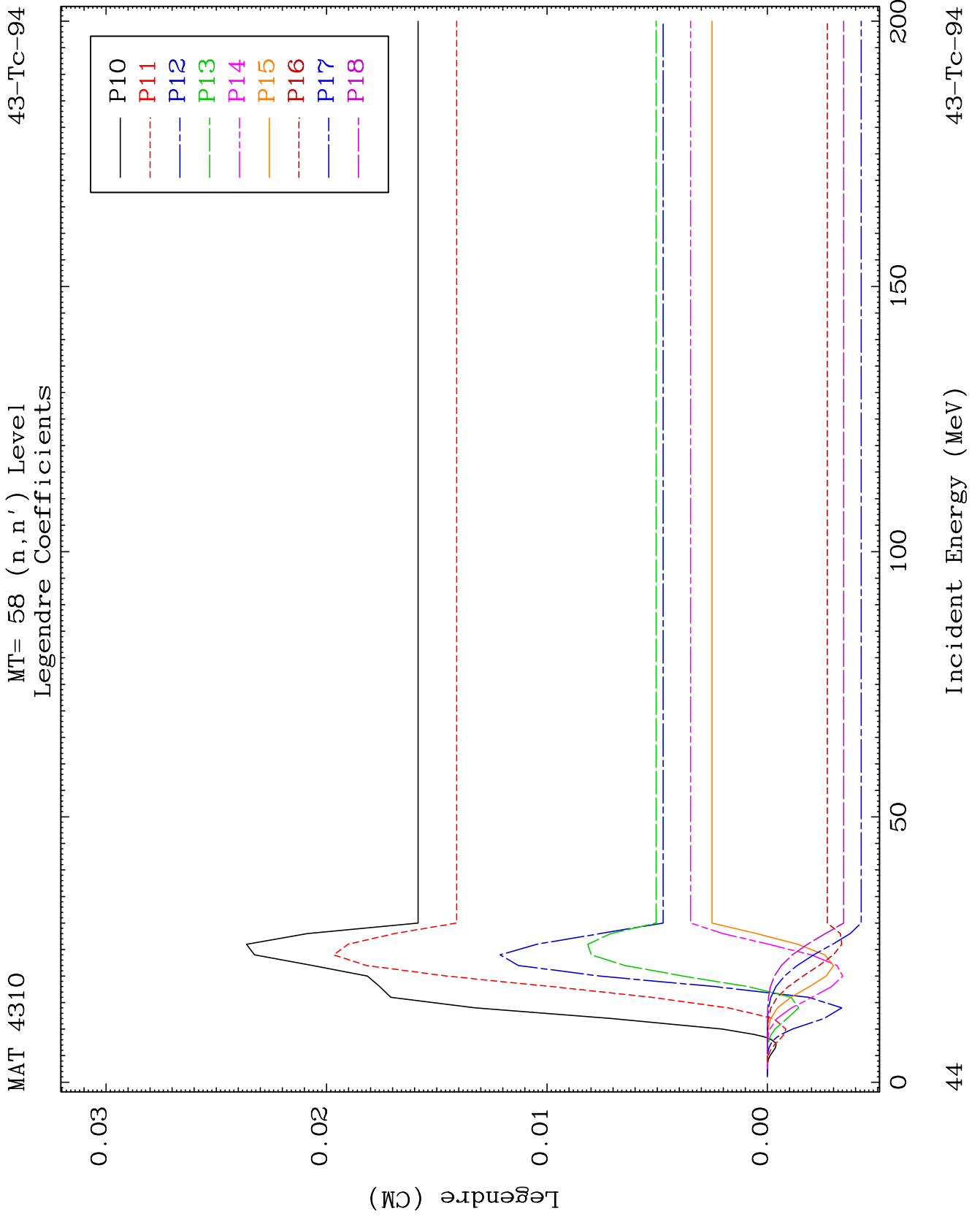
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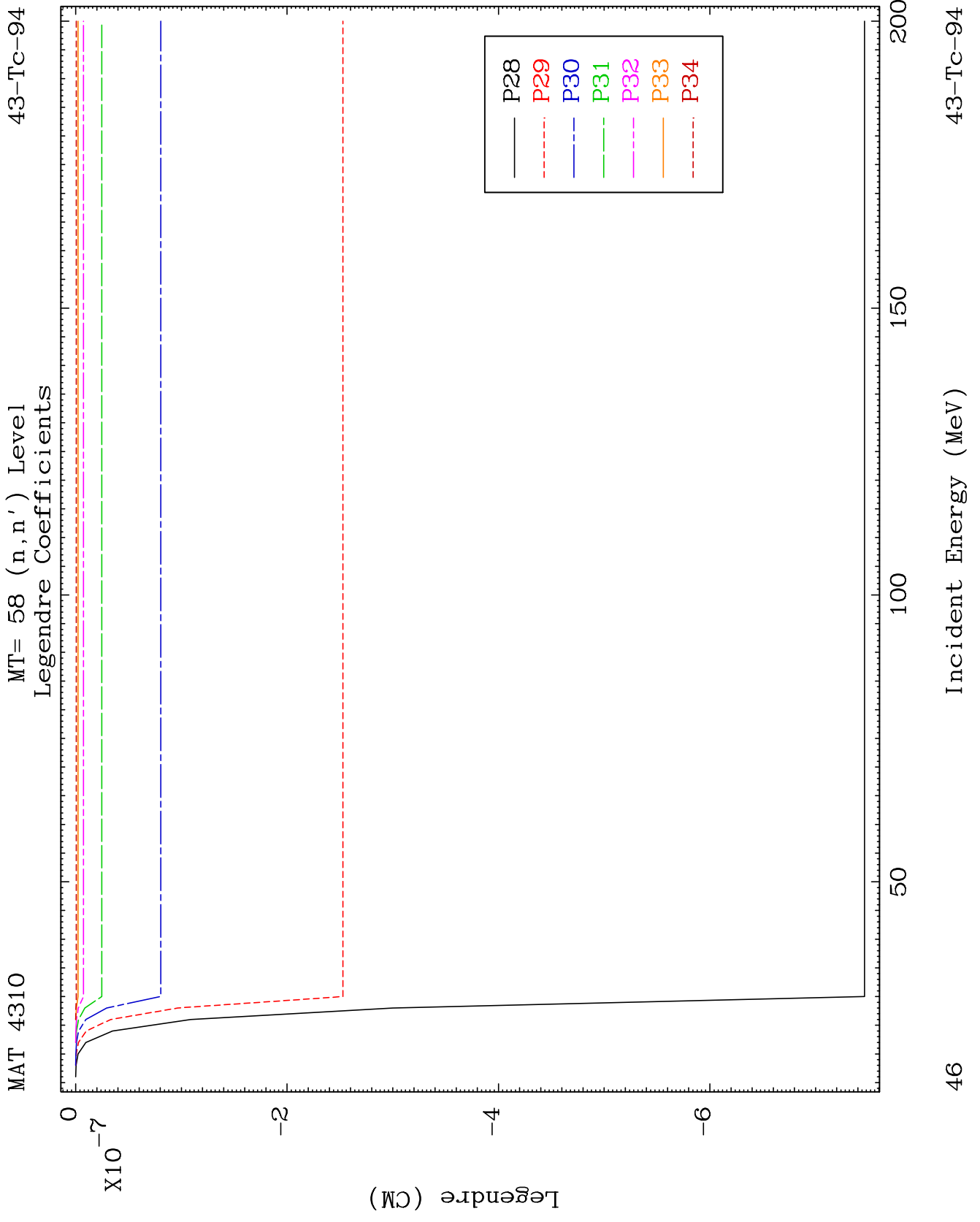
Incident Energy (MeV)

43-Tc-94





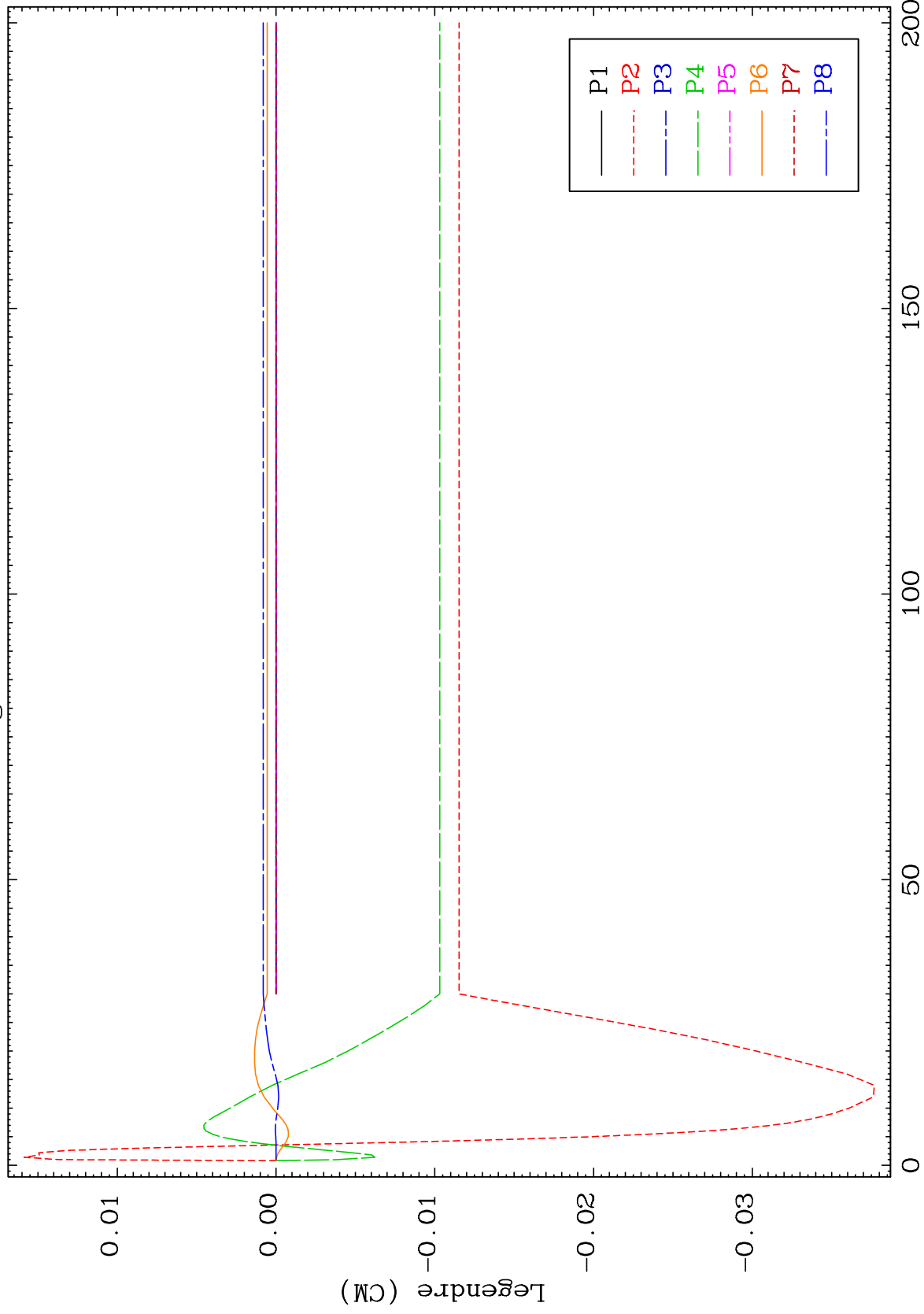




MAT 4310

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

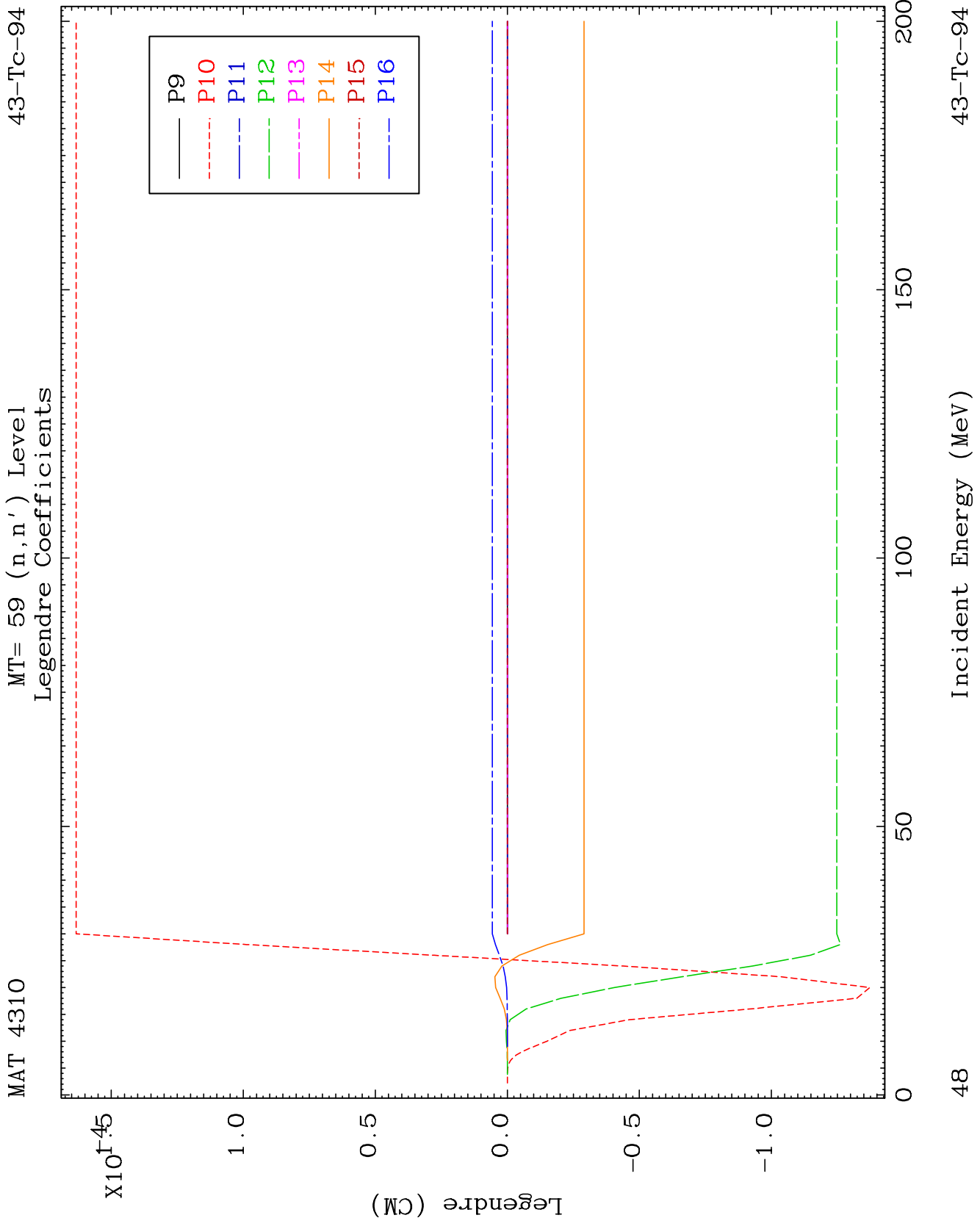
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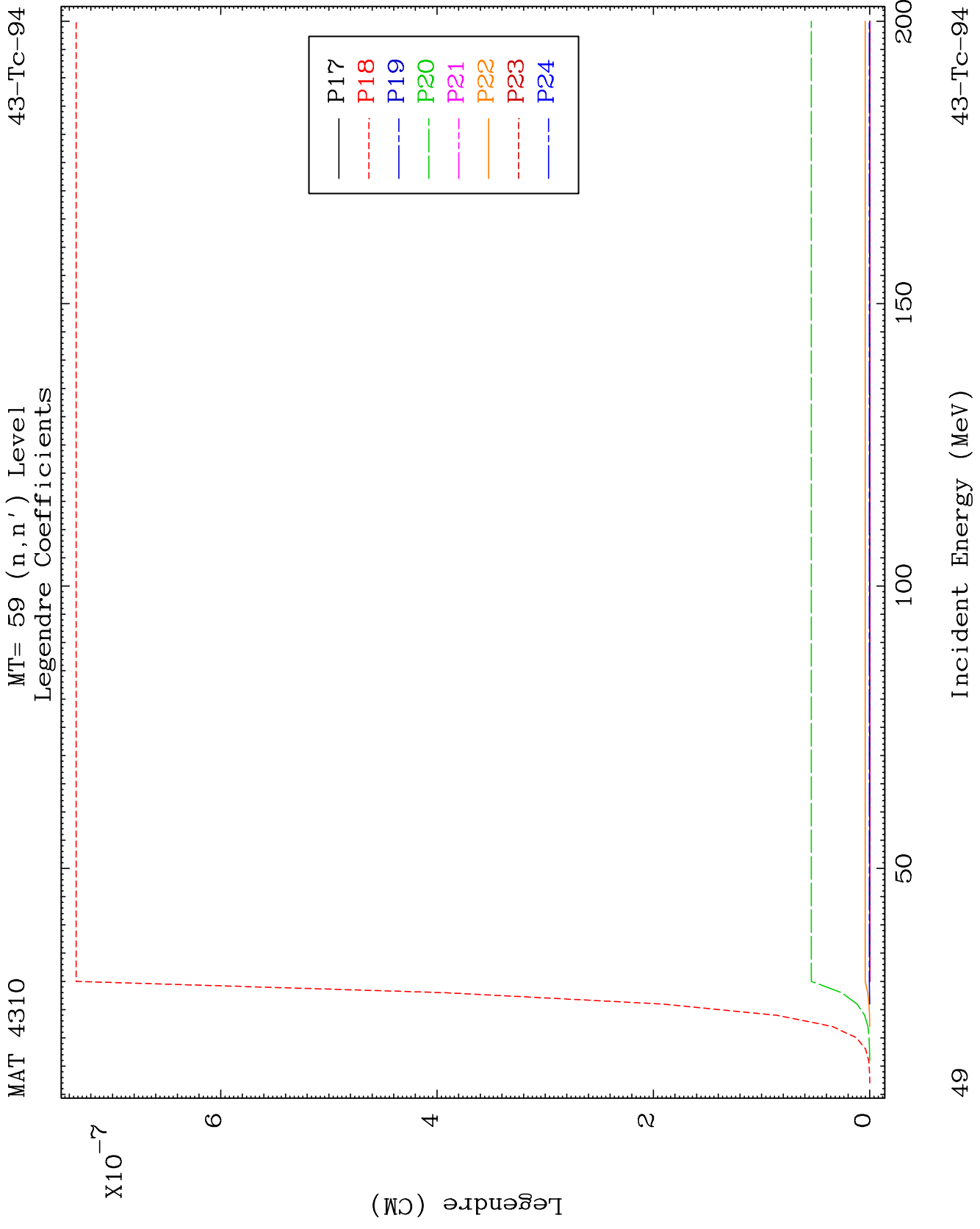


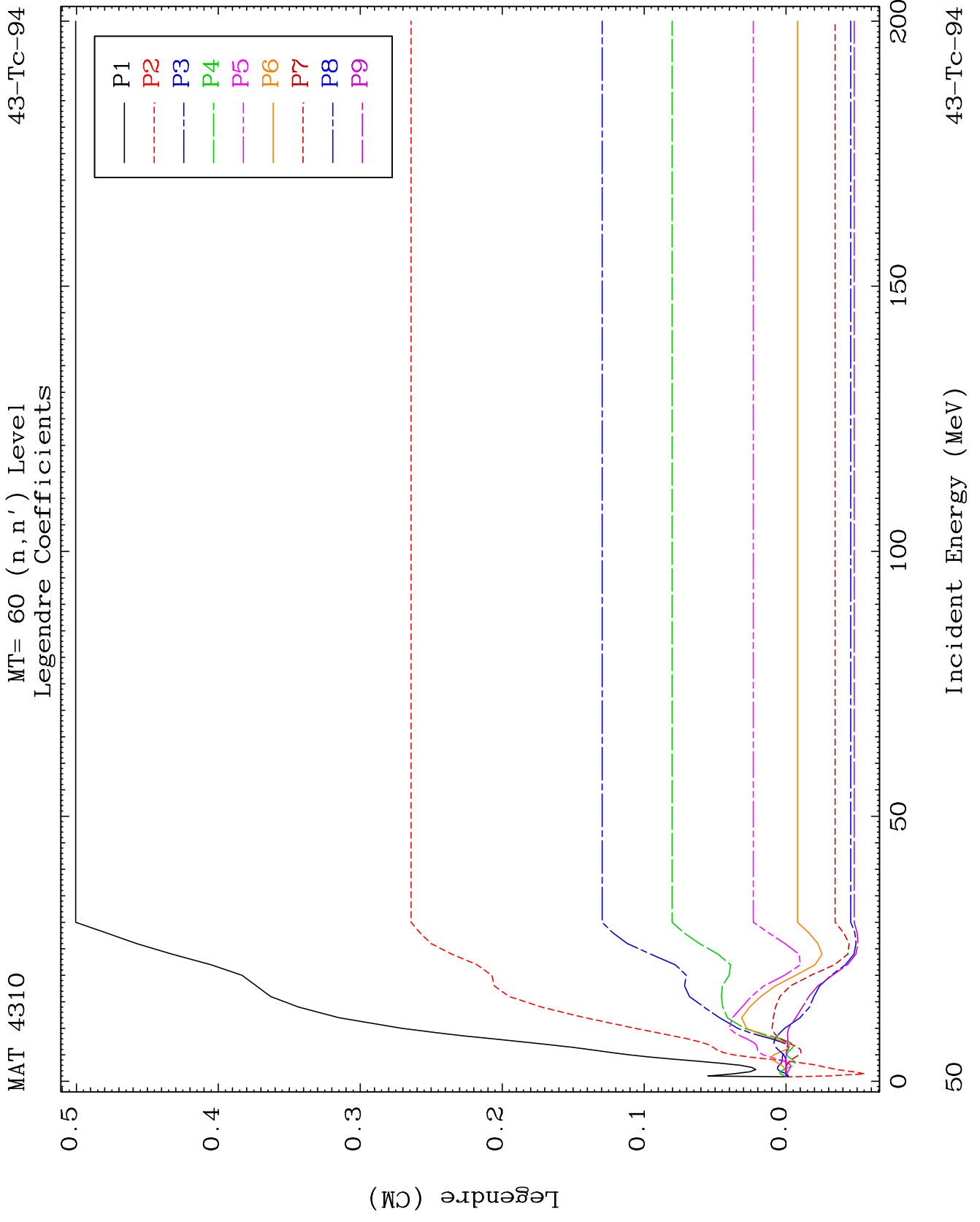
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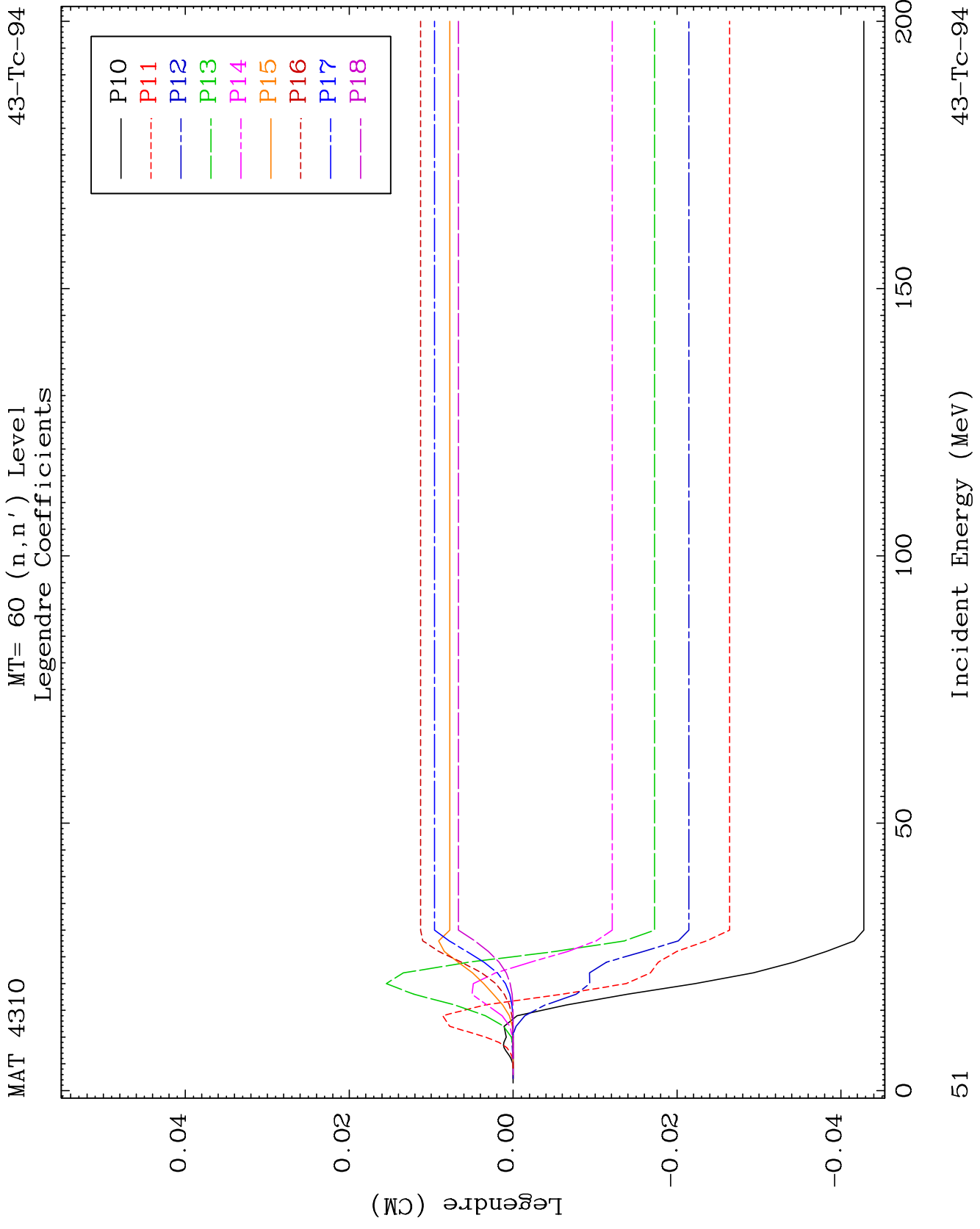
Incident Energy (MeV)

43-Tc-94





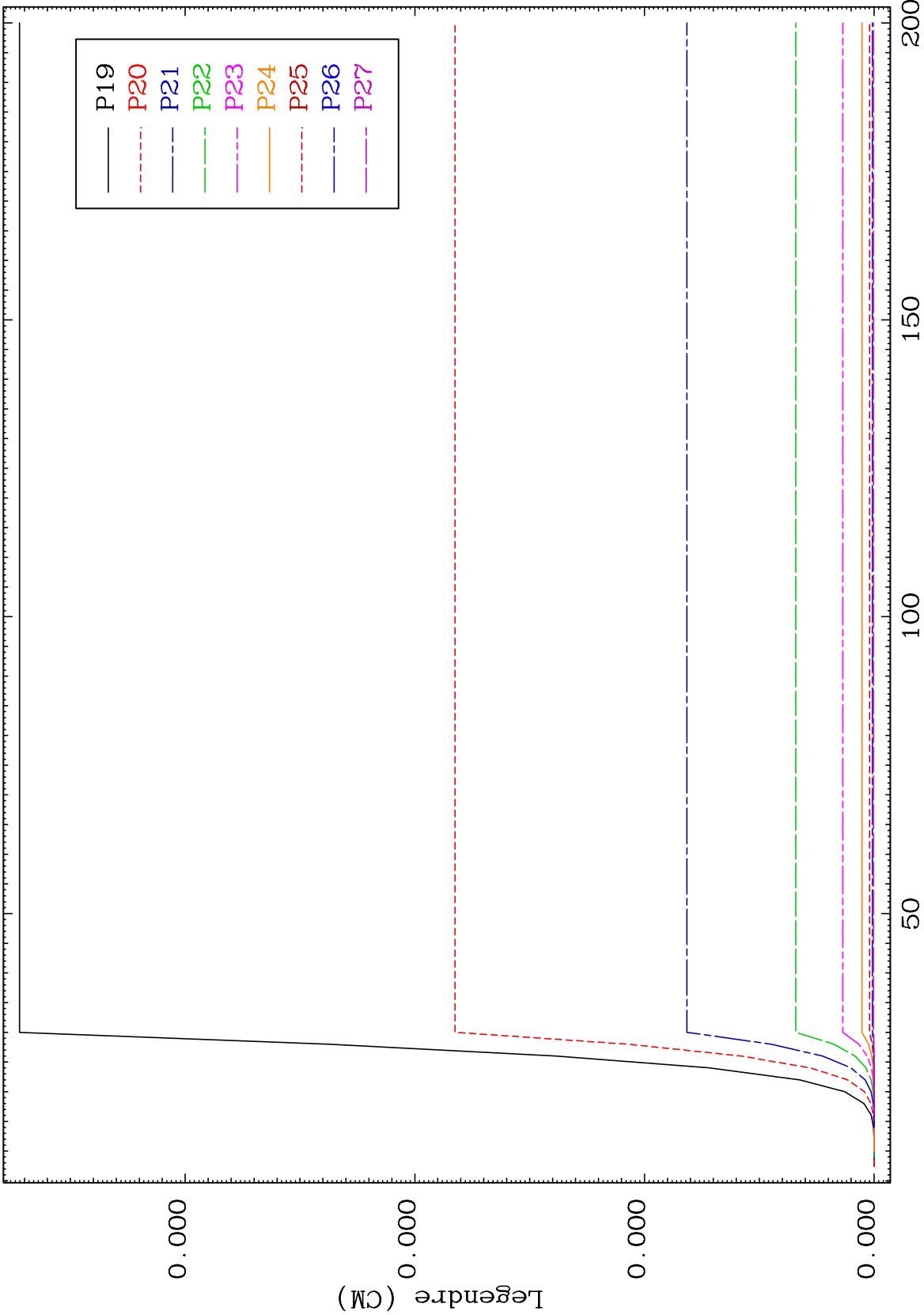




MAT 4310

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

43-Tc-94



52

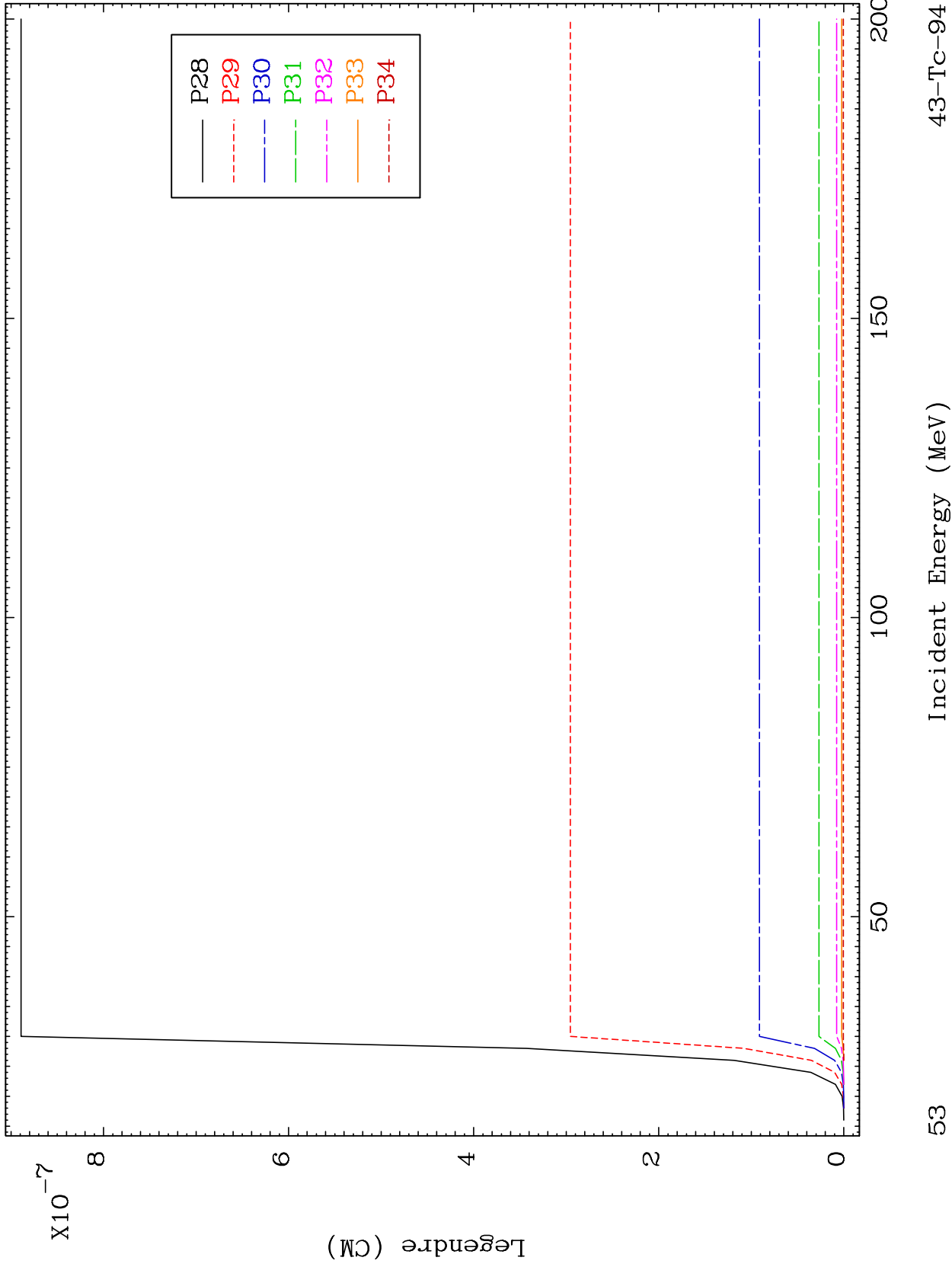
Incident Energy (MeV)

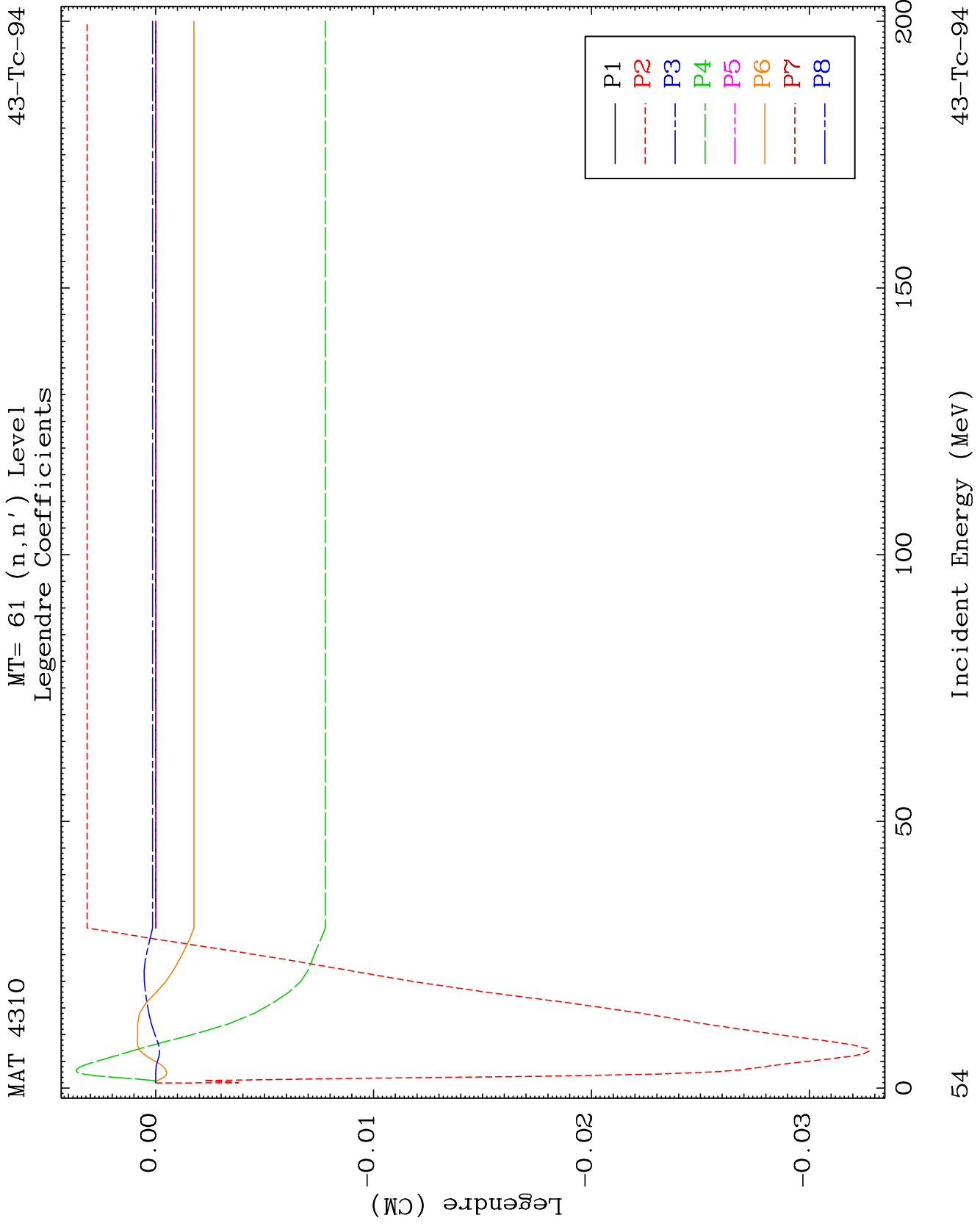
43-Tc-94

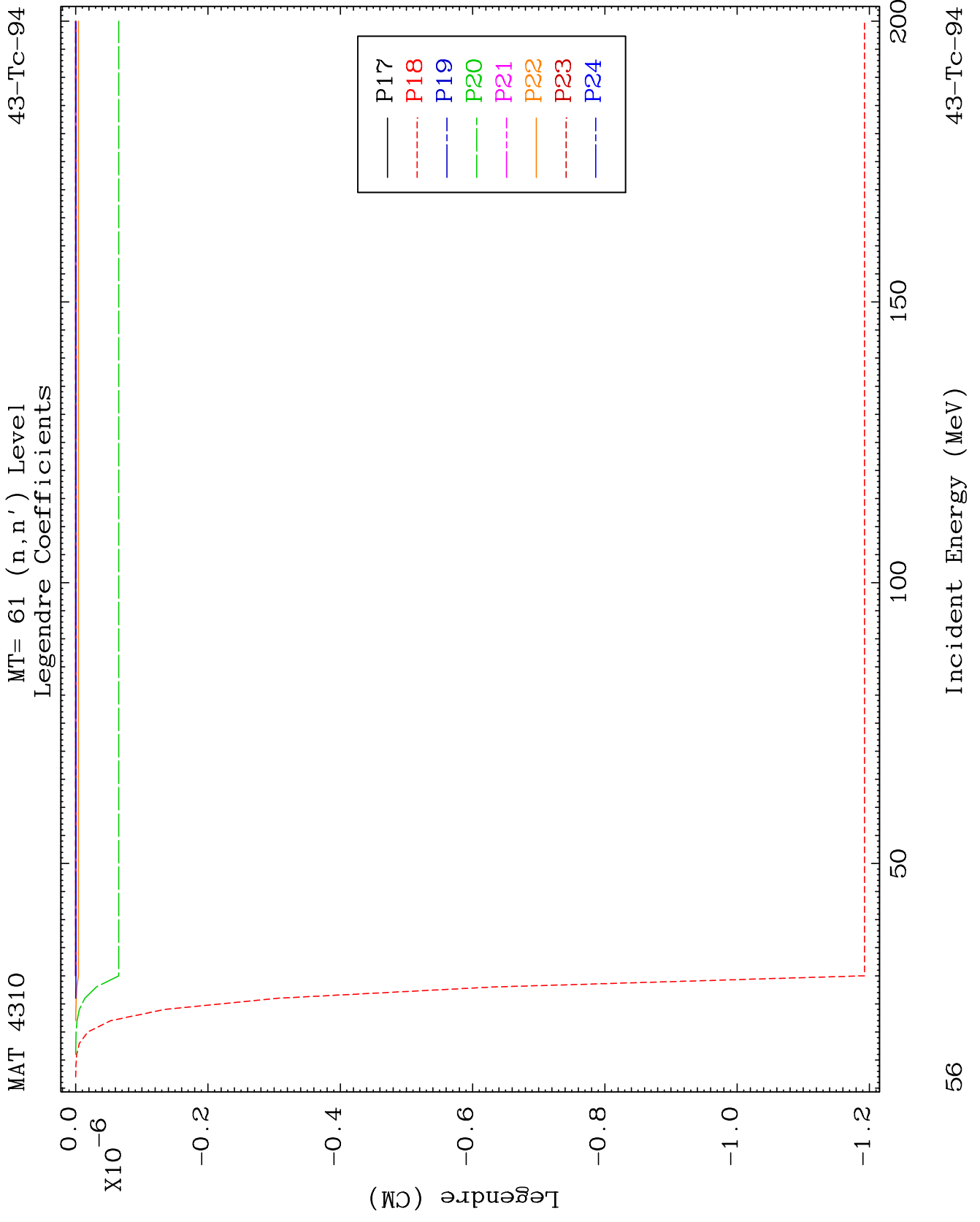
MAT 4310

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

43-Tc-94



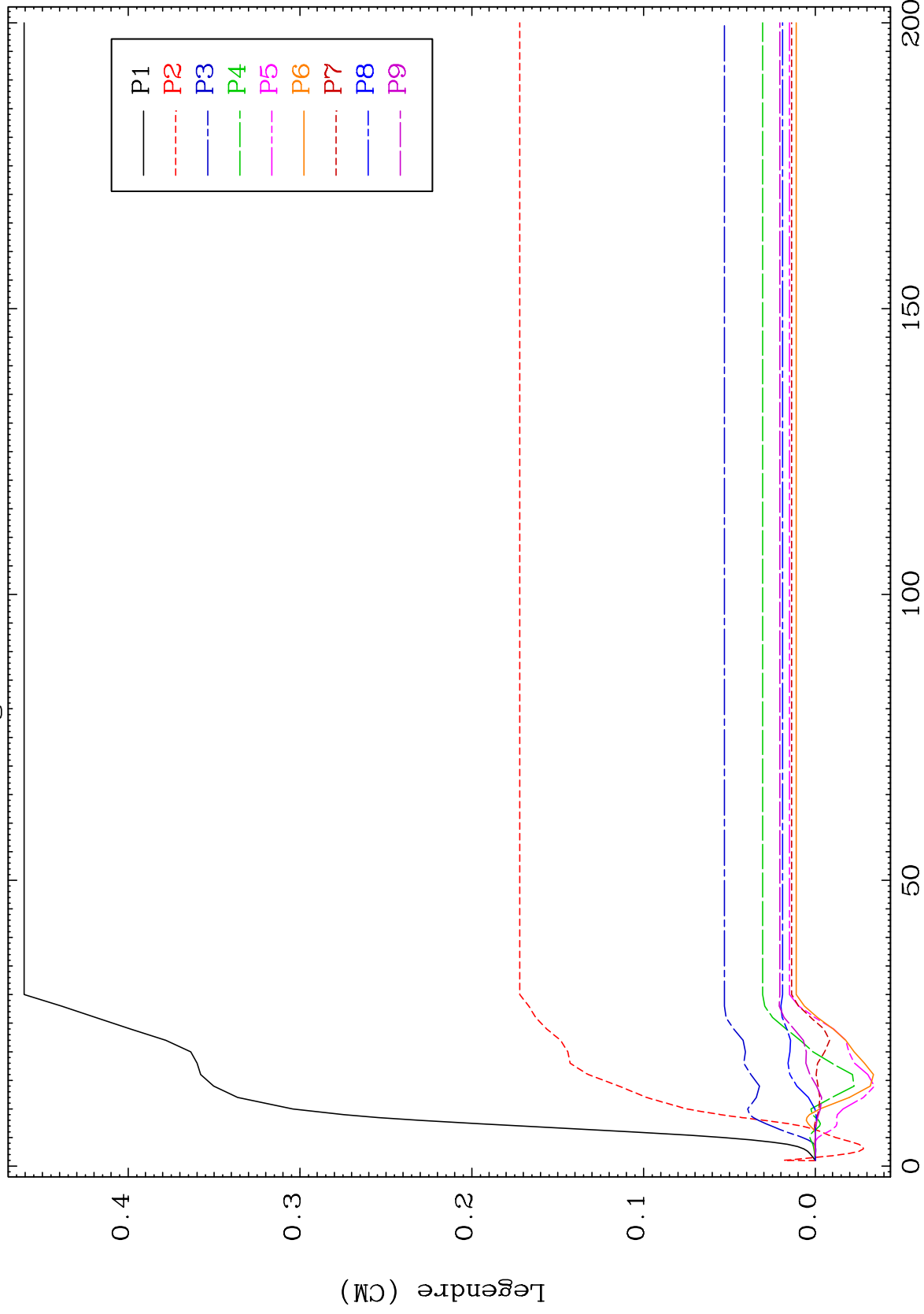




MAT 4310

MT= 62 (n,n') Level
Legendre Coefficients

43-Tc-94



57

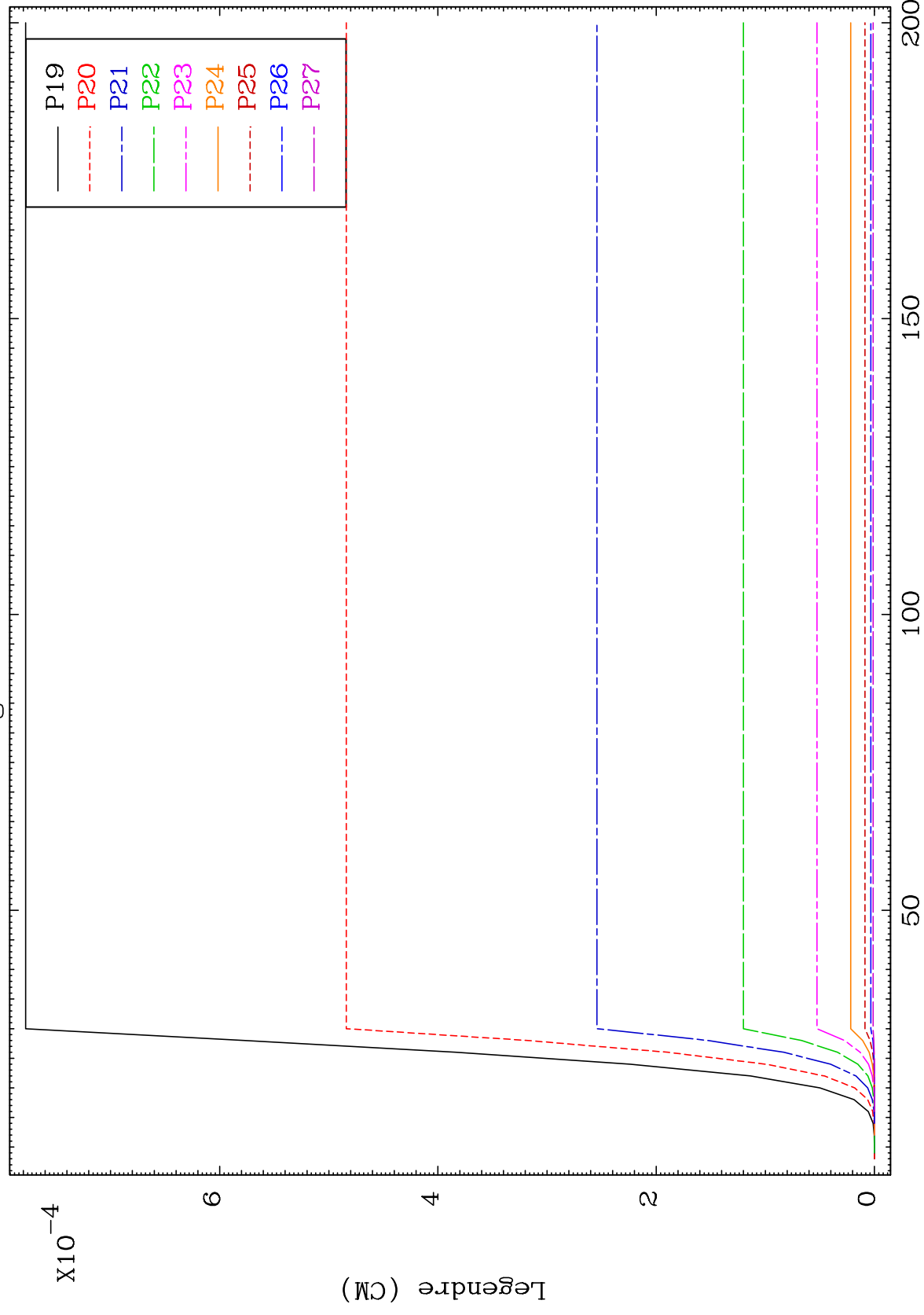
Incident Energy (MeV)

43-Tc-94

MAT 4310

MT= 62 (n,n') Level
Legendre Coefficients

43-Tc-94



59

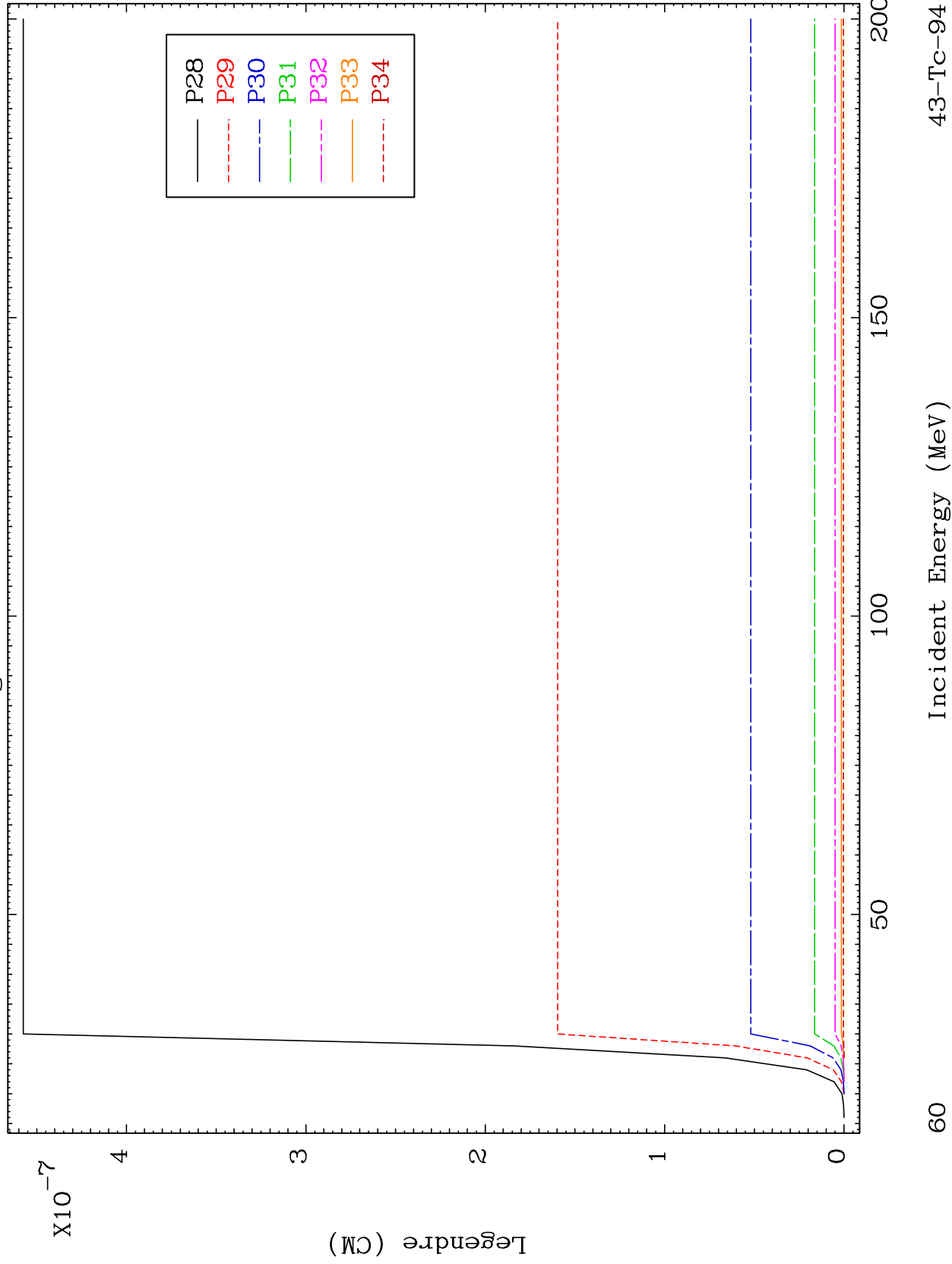
Incident Energy (MeV)

43-Tc-94

MAT 4310

MT= 62 (n,n') Level
Legendre Coefficients

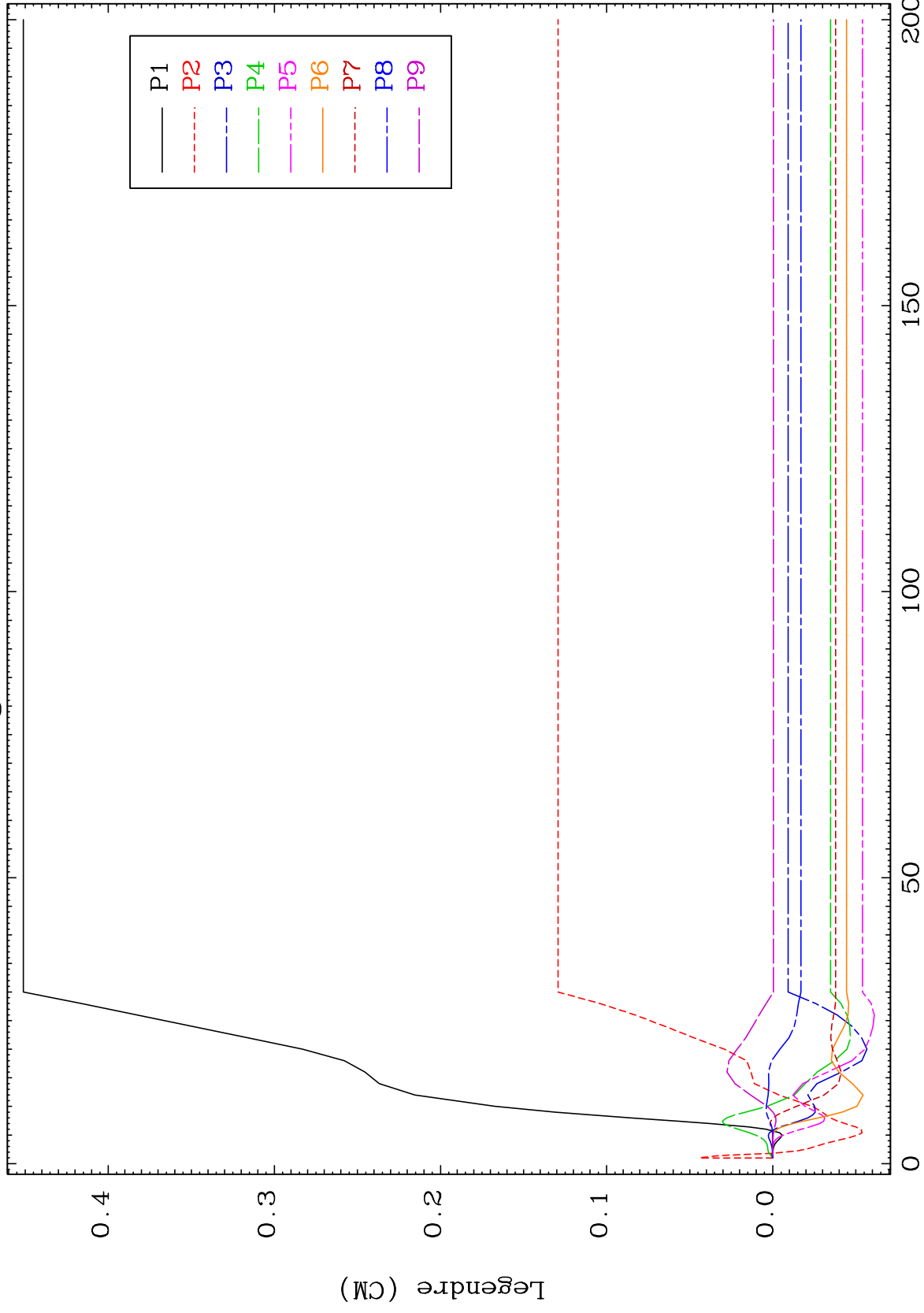
43-Tc-94



MAT 4310

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

43-Tc-94



61

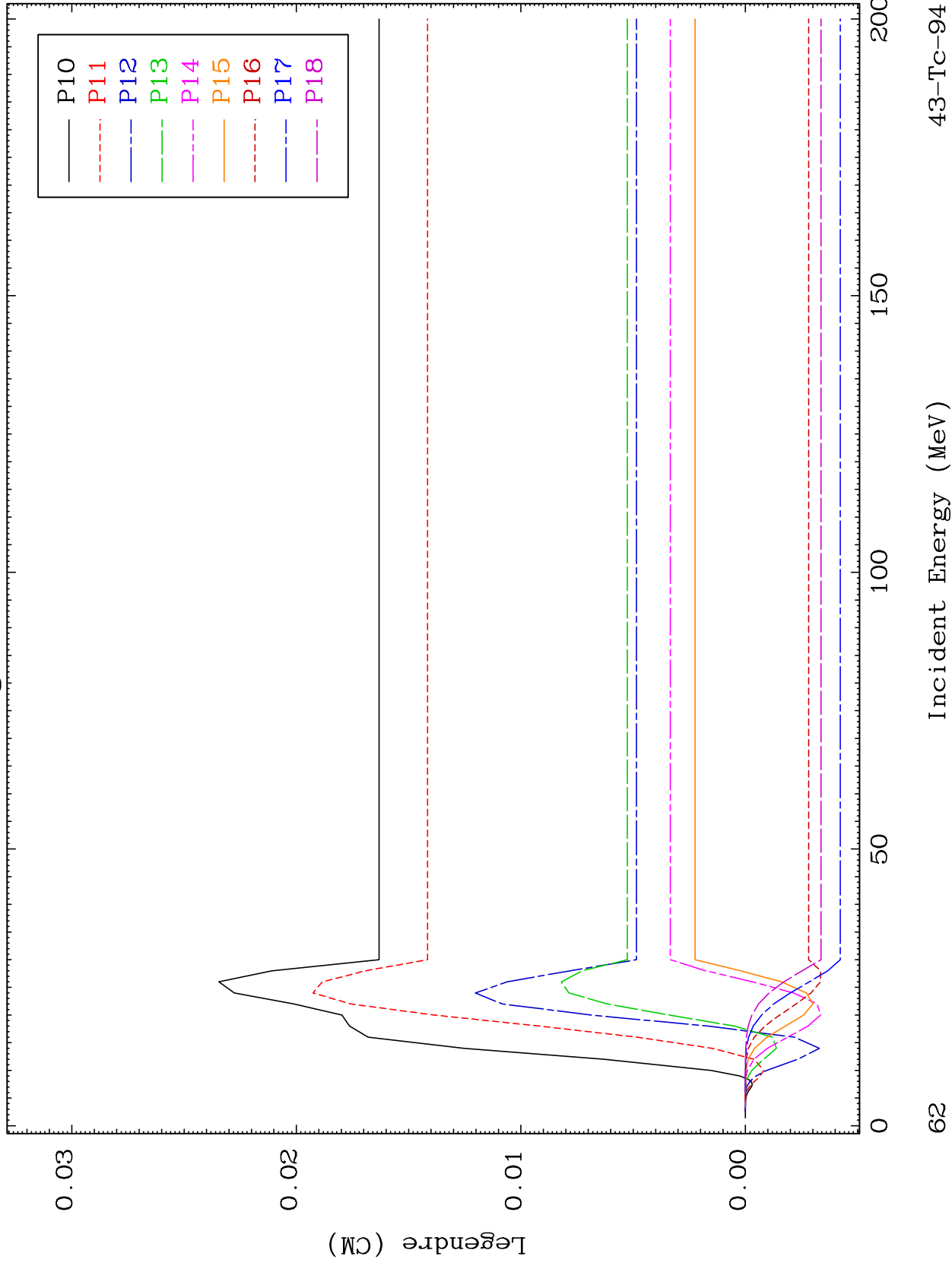
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

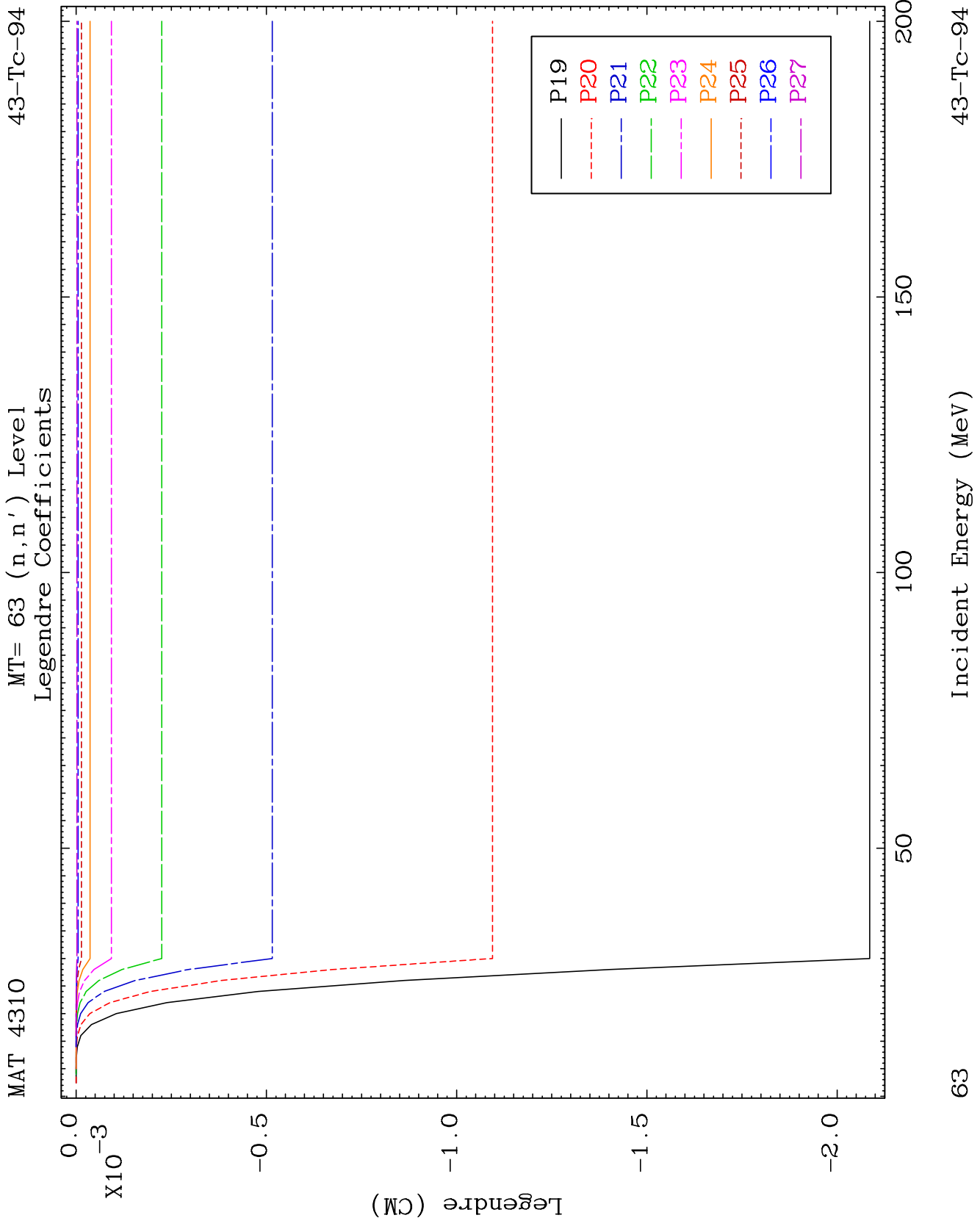
43-Tc-94

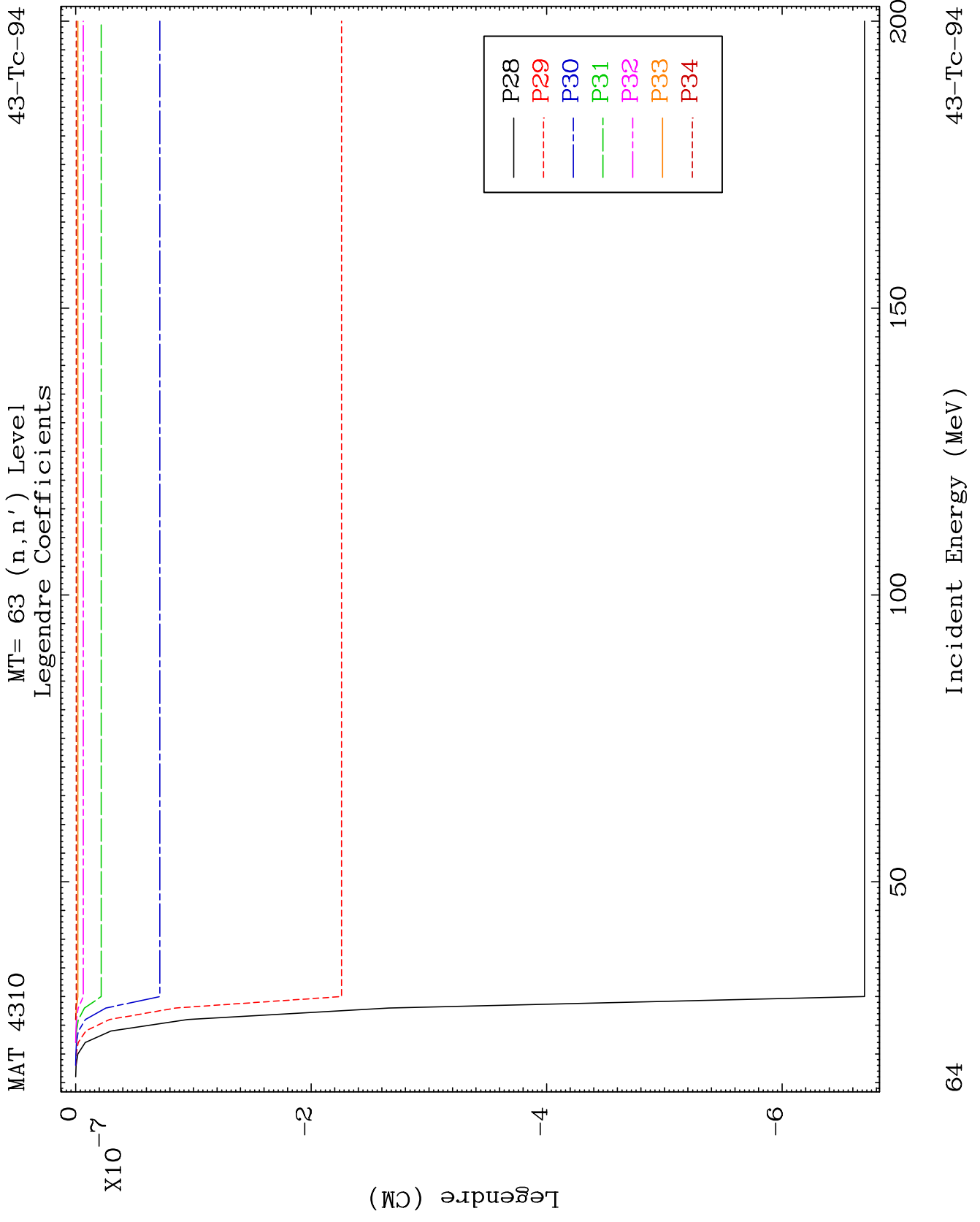


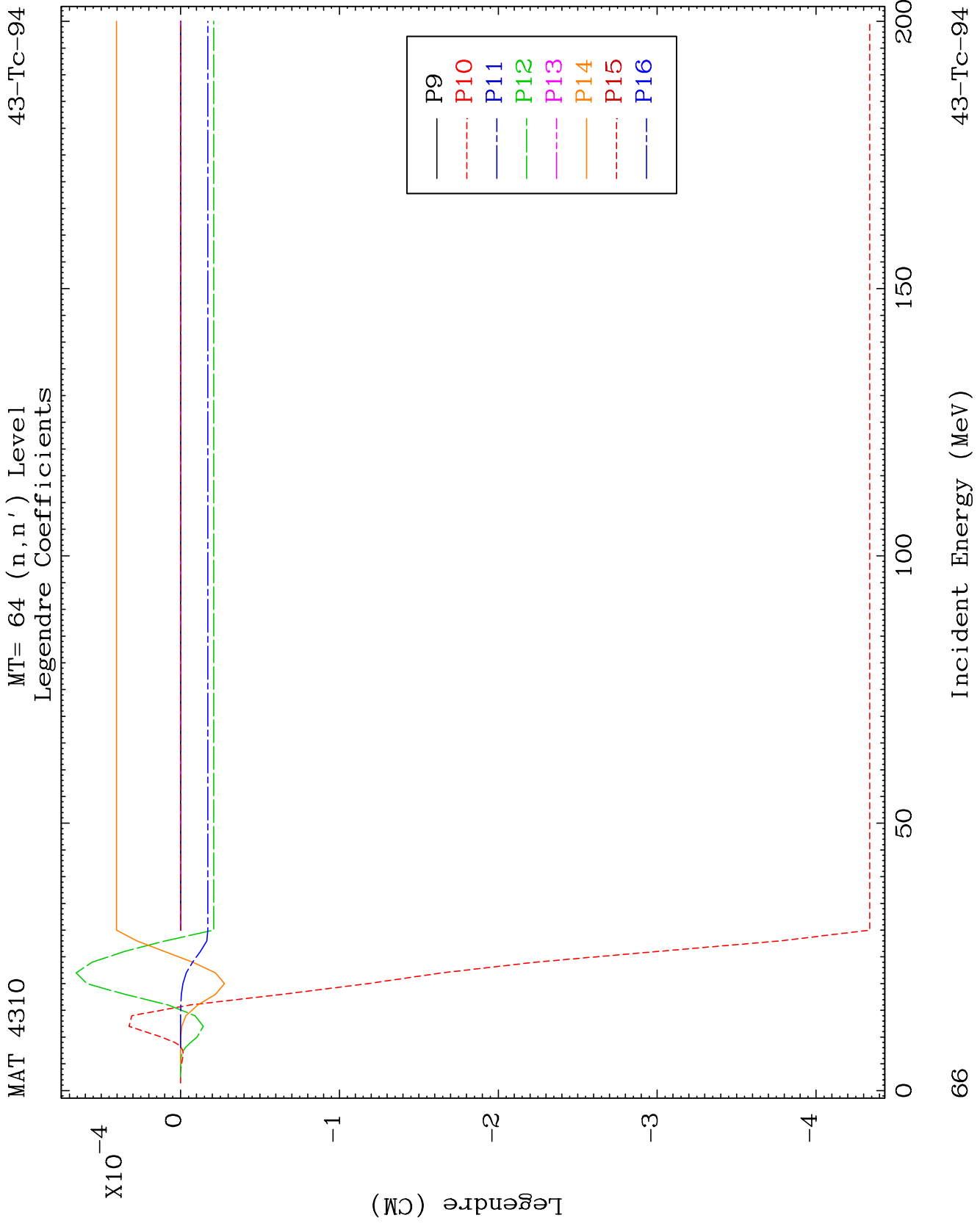
43-Tc-94

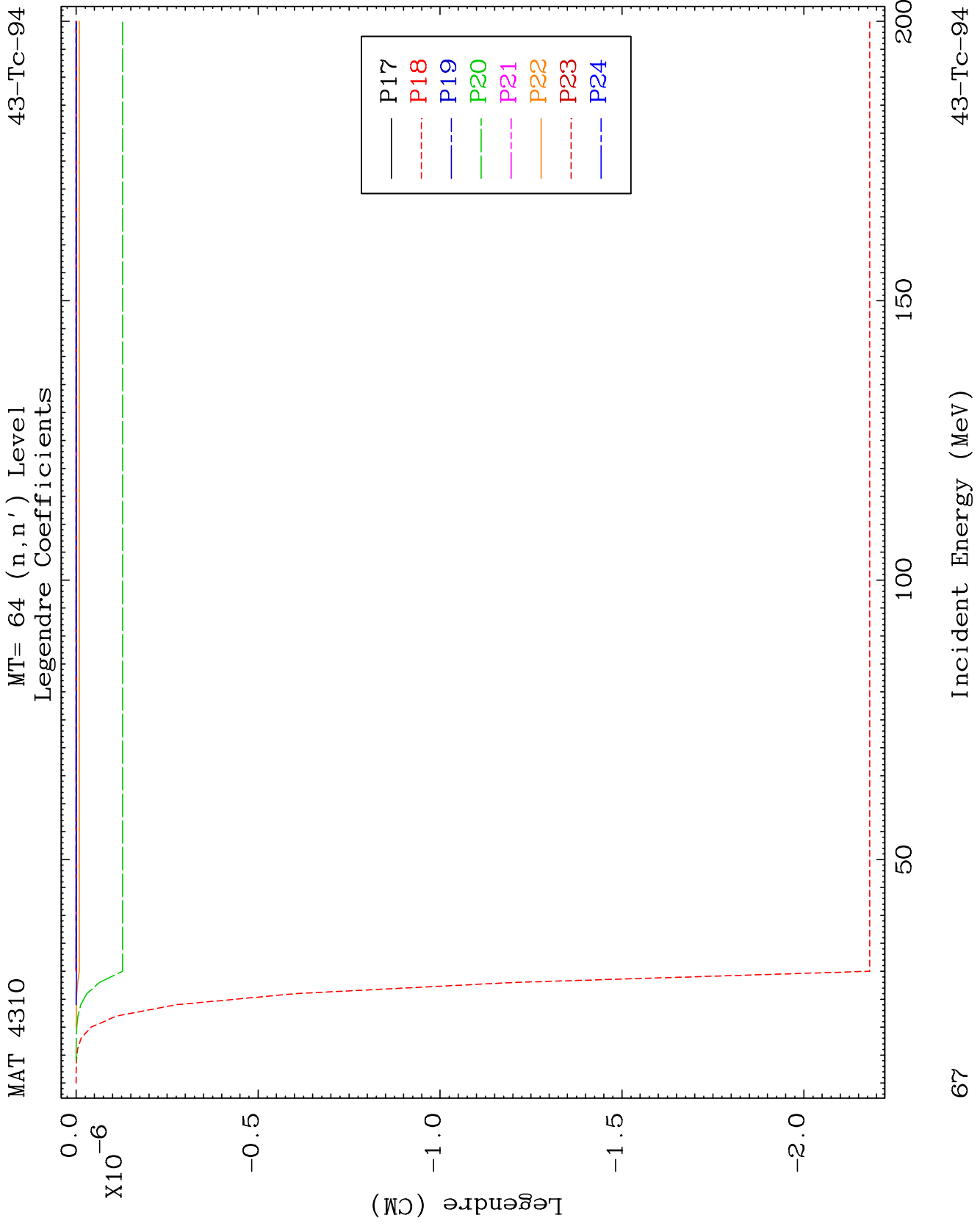
Incident Energy (MeV)

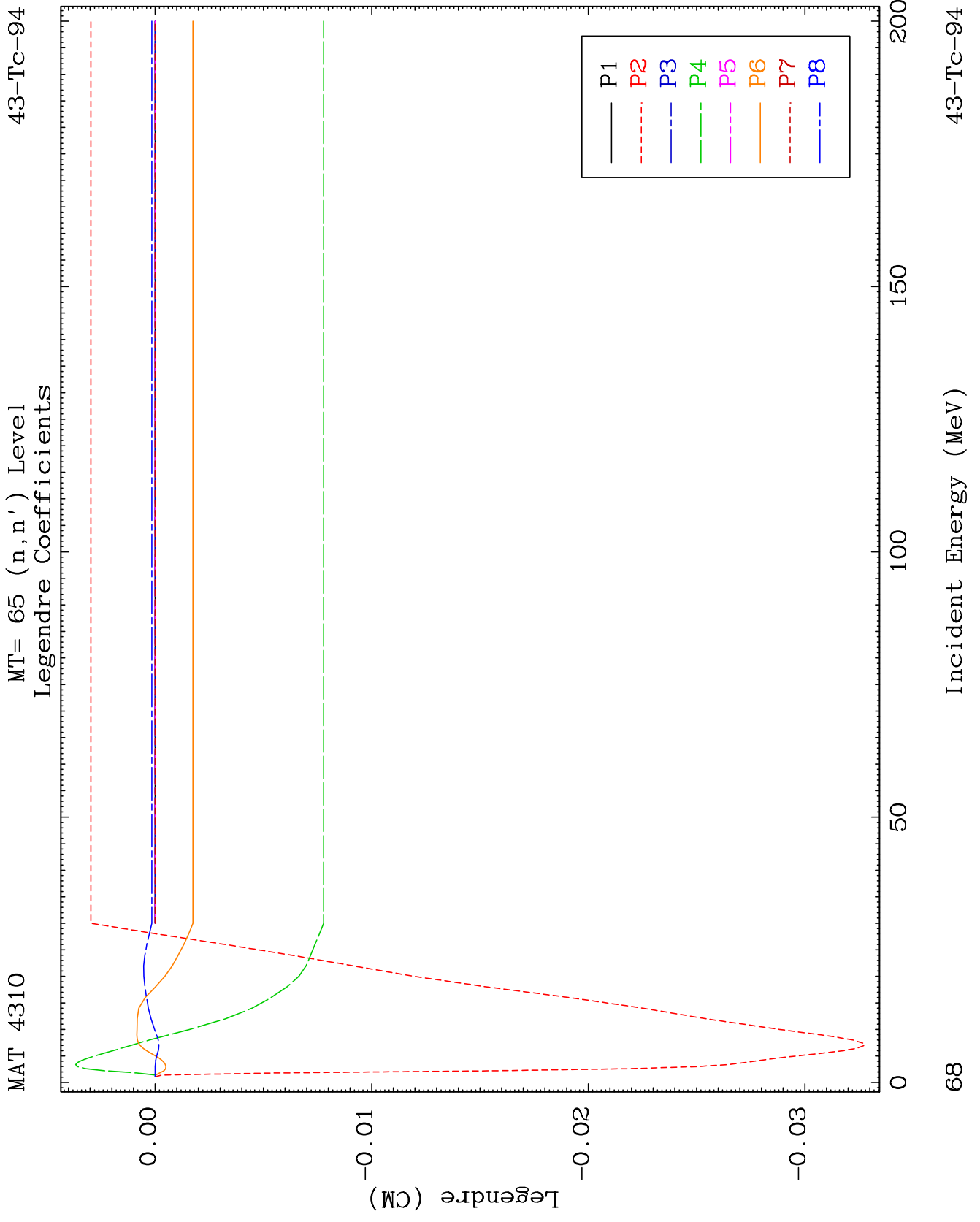
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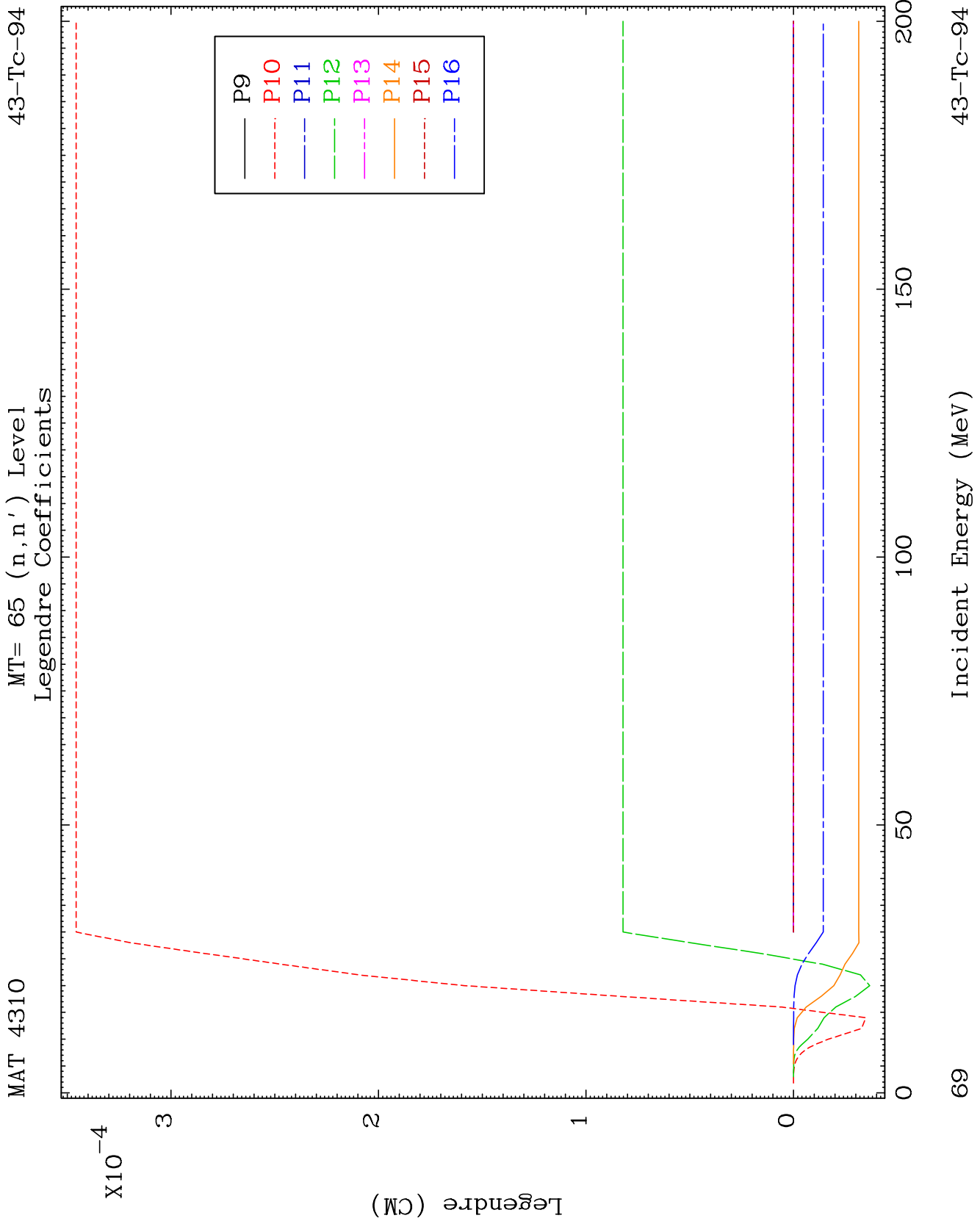


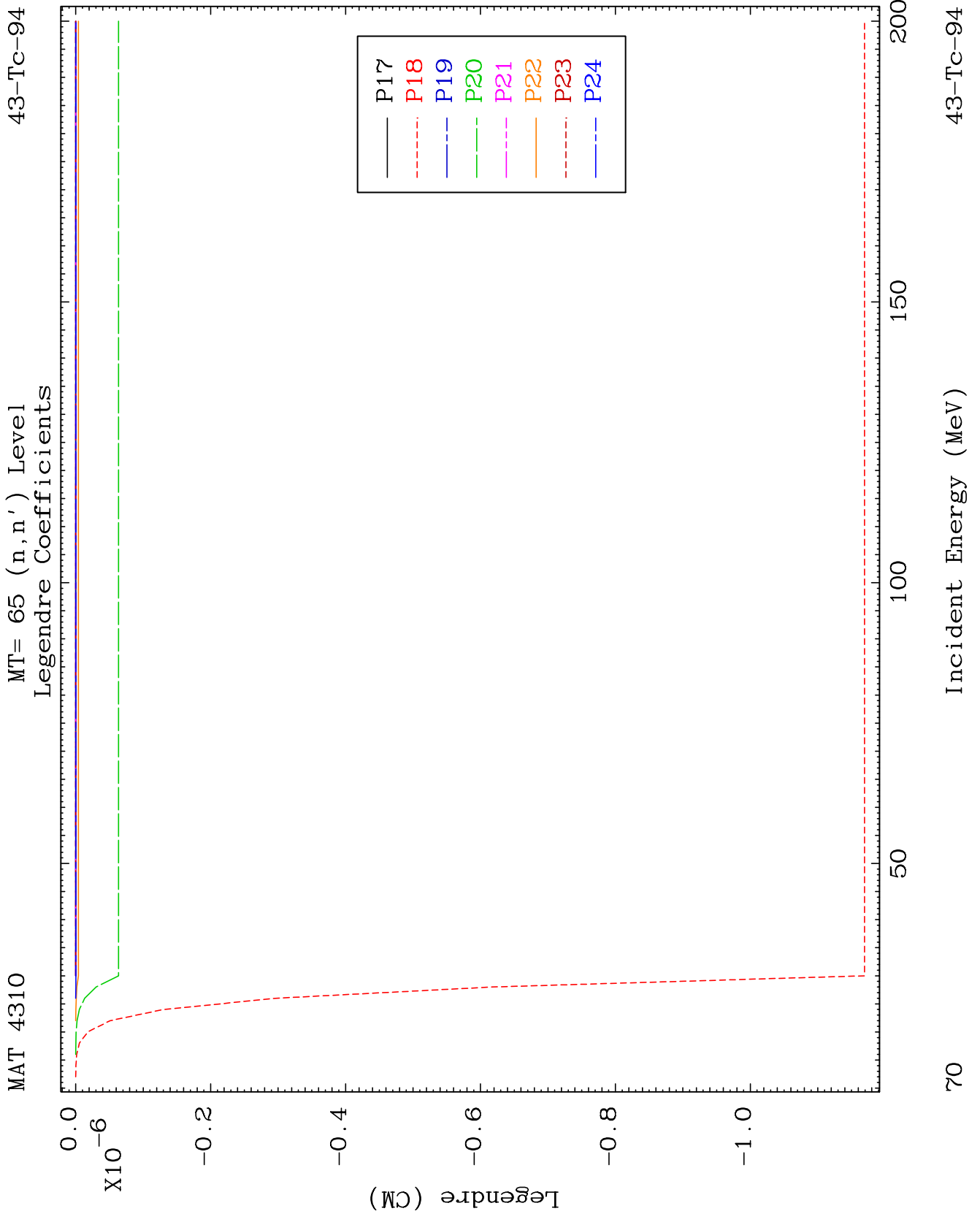








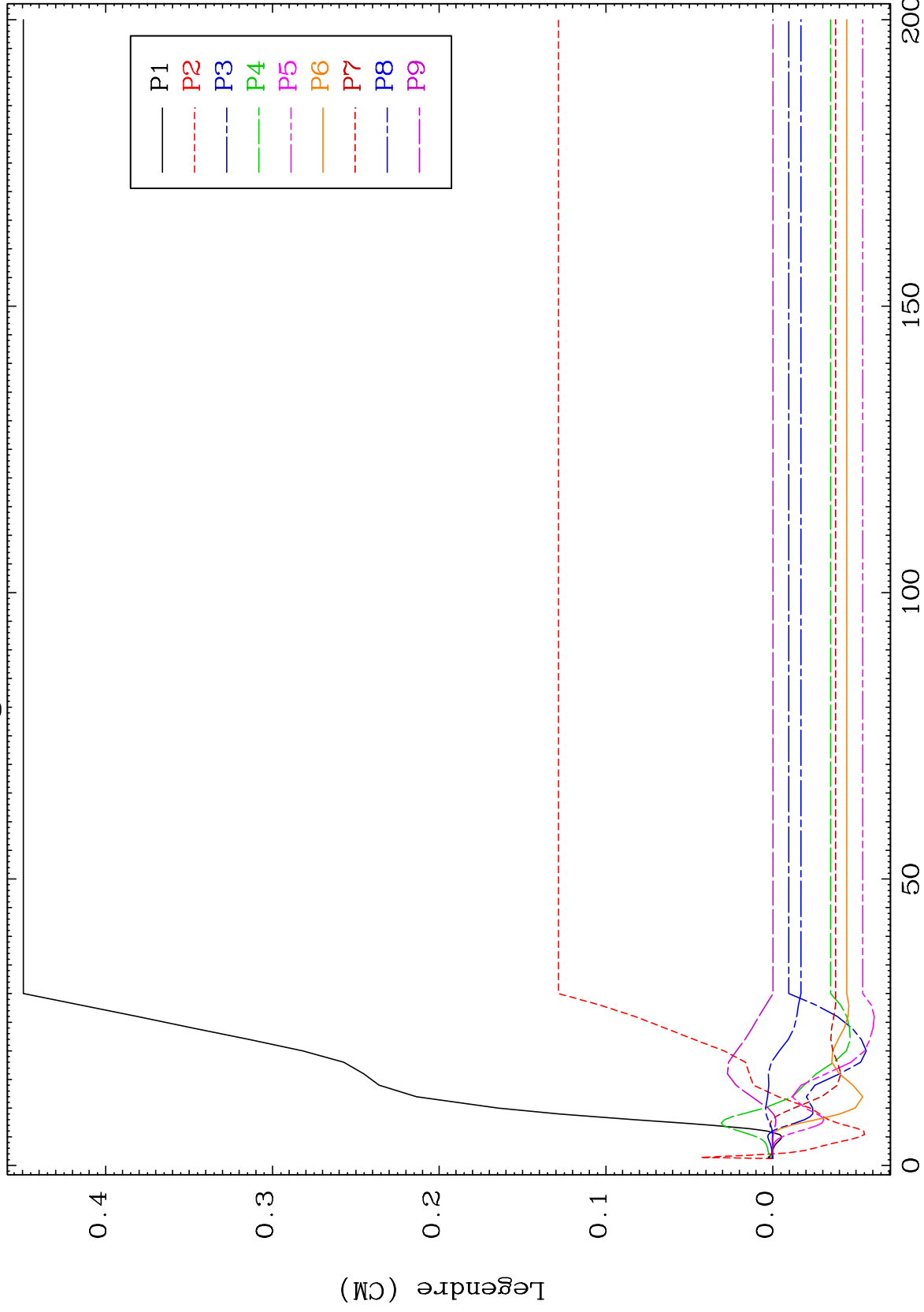




MAT 4310

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

43-Tc-94



71

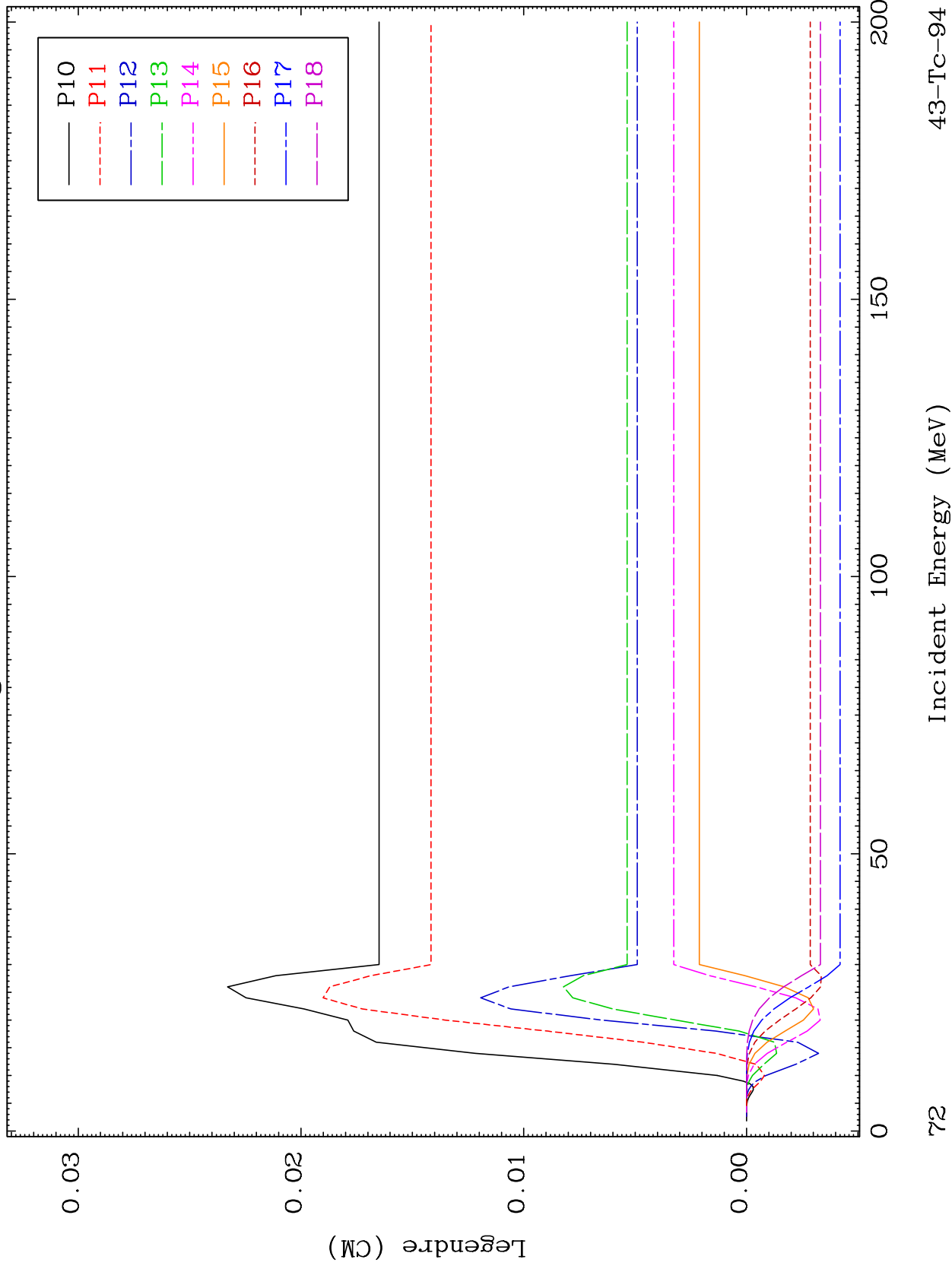
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

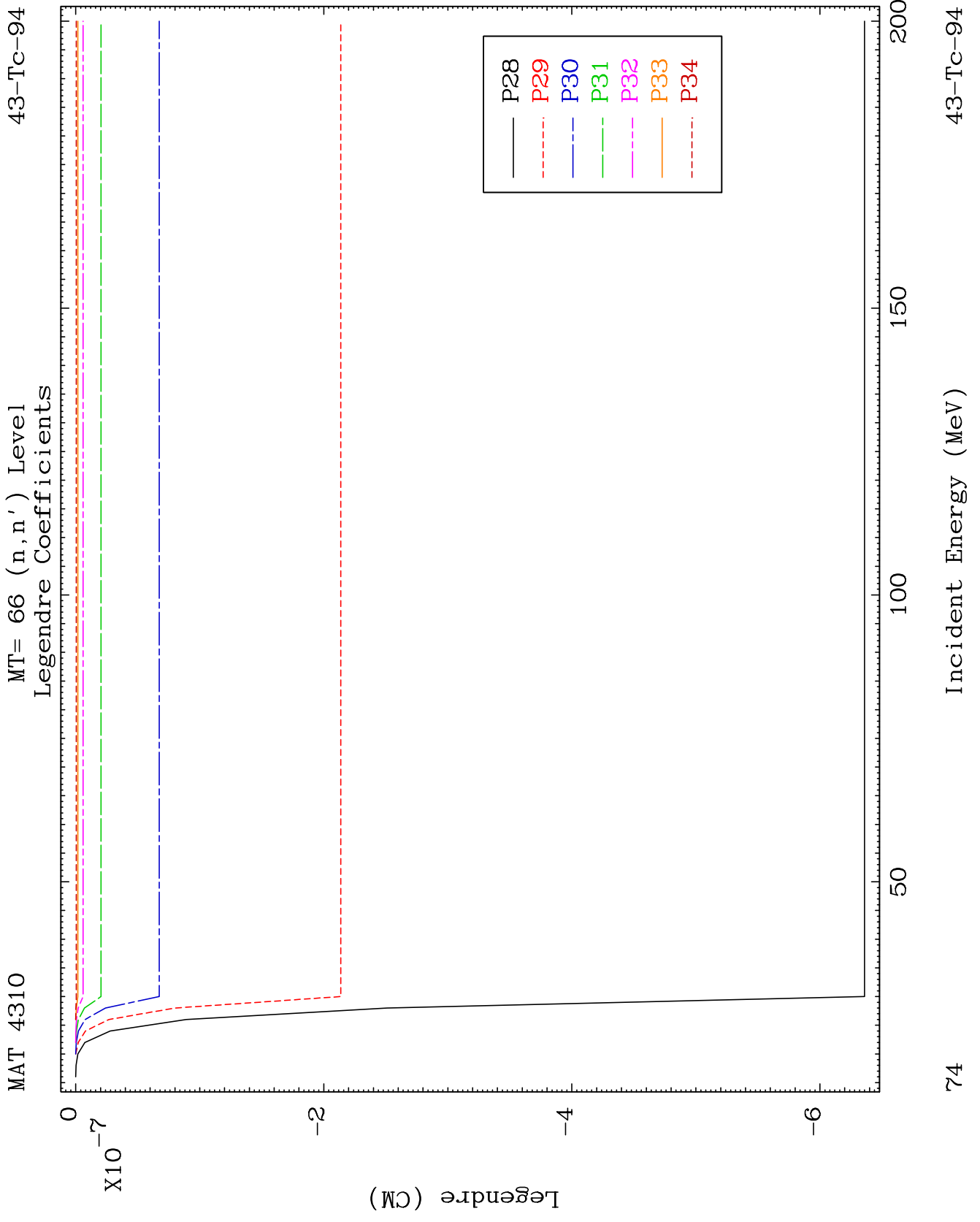
43-Tc-94



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Incident Energy (MeV)

43-Tc-94

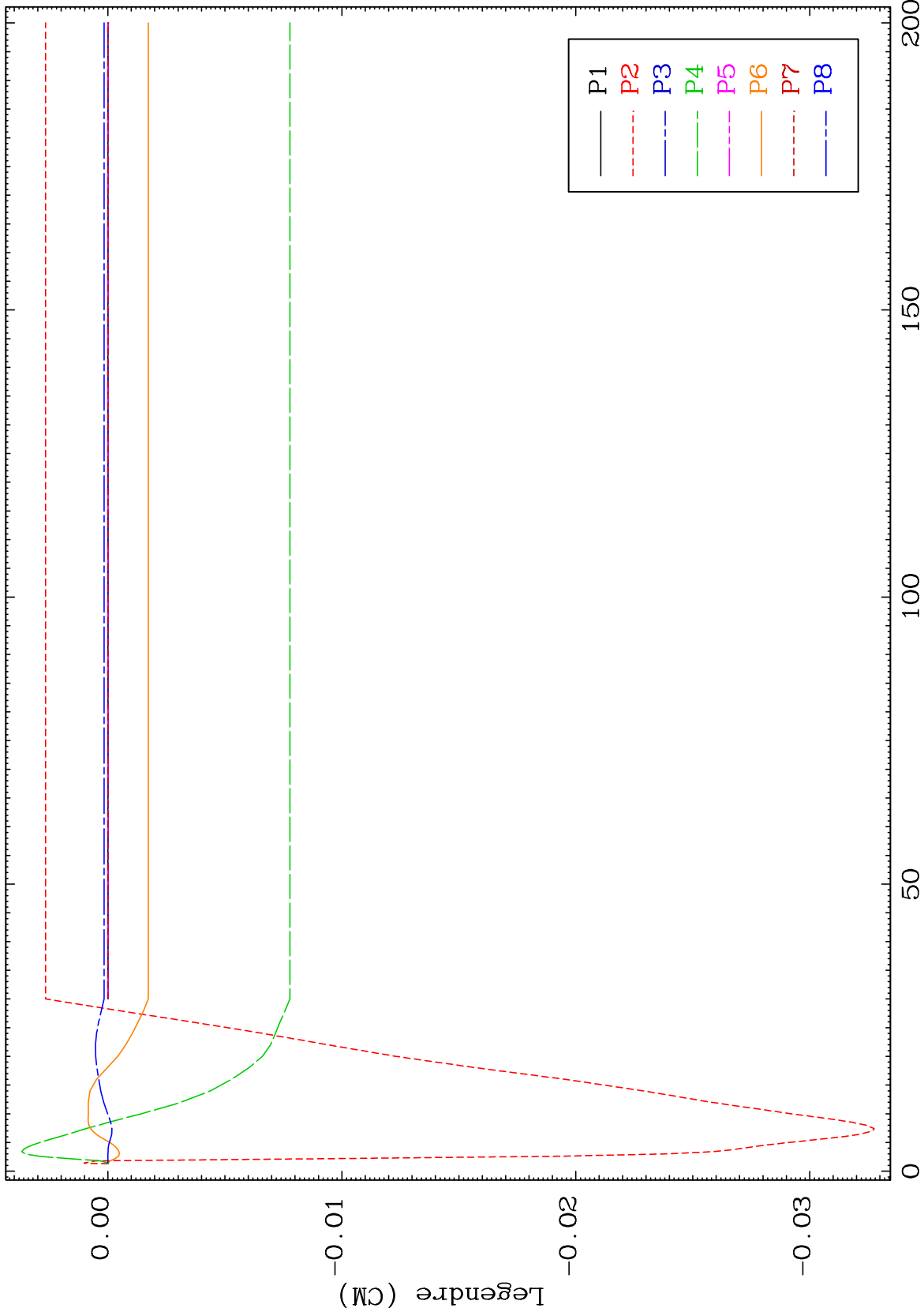


MAT 4310

MT= 67 (n,n') Level

43-Tc-94

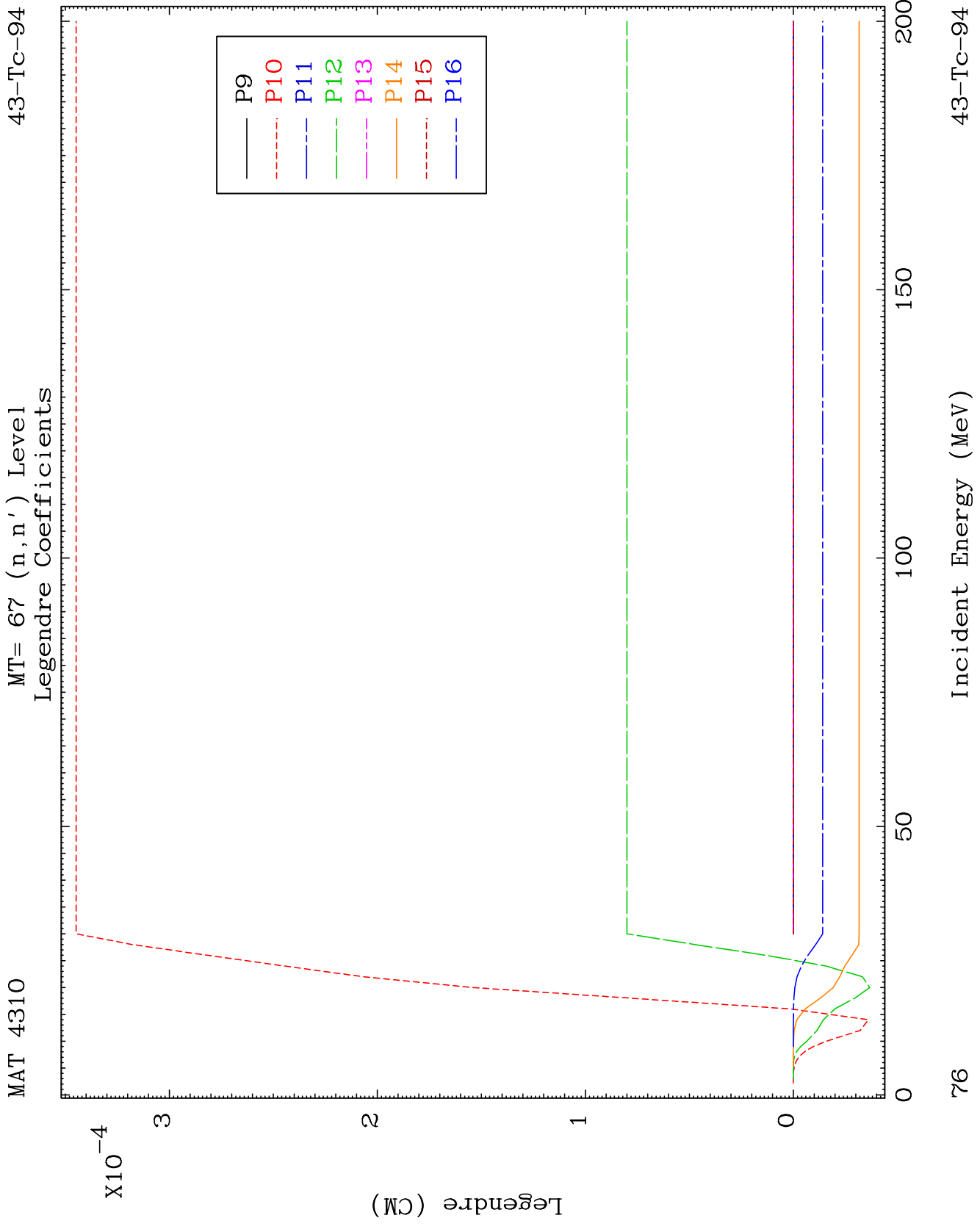
Legendre Coefficients

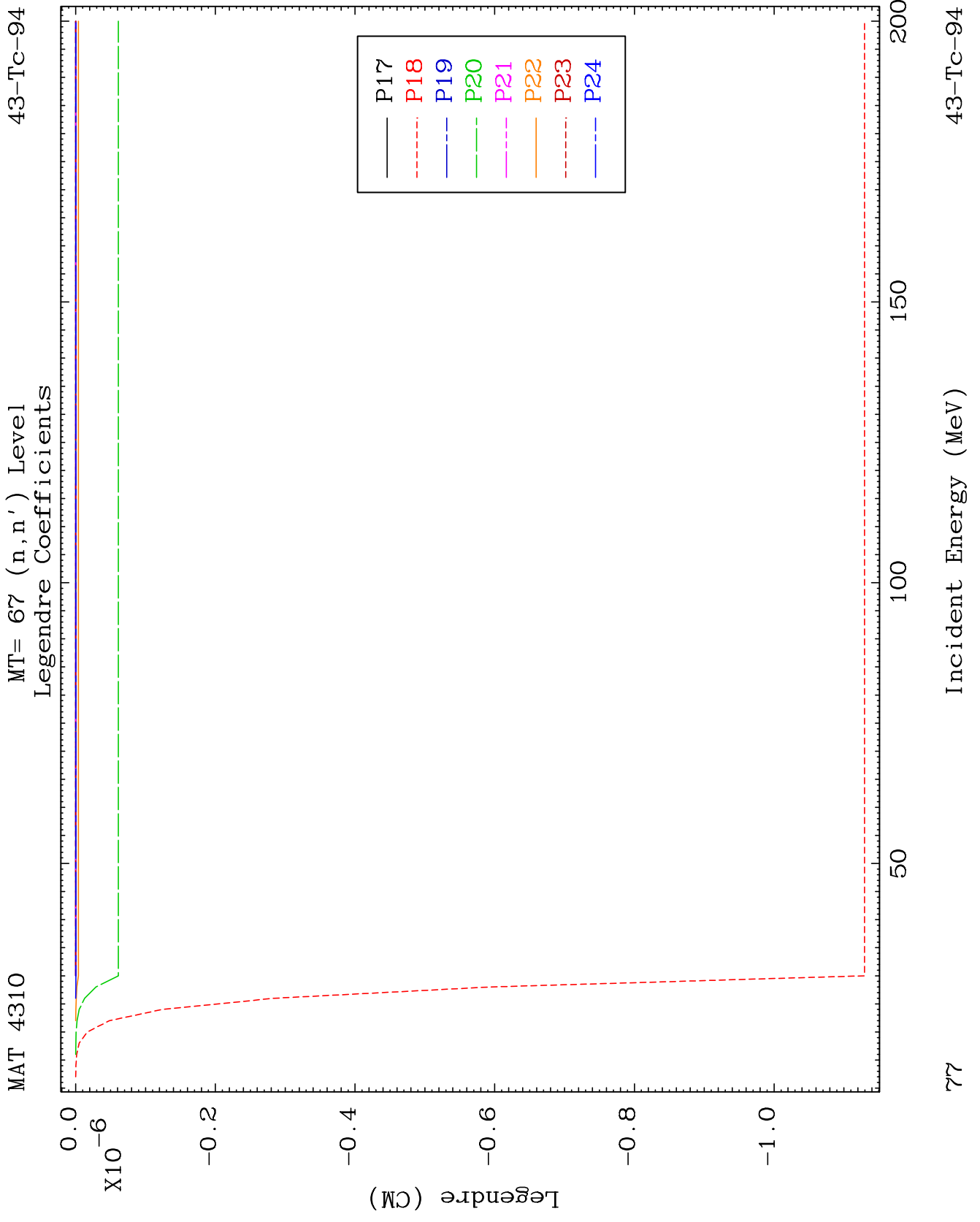


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Incident Energy (MeV)

43-Tc-94

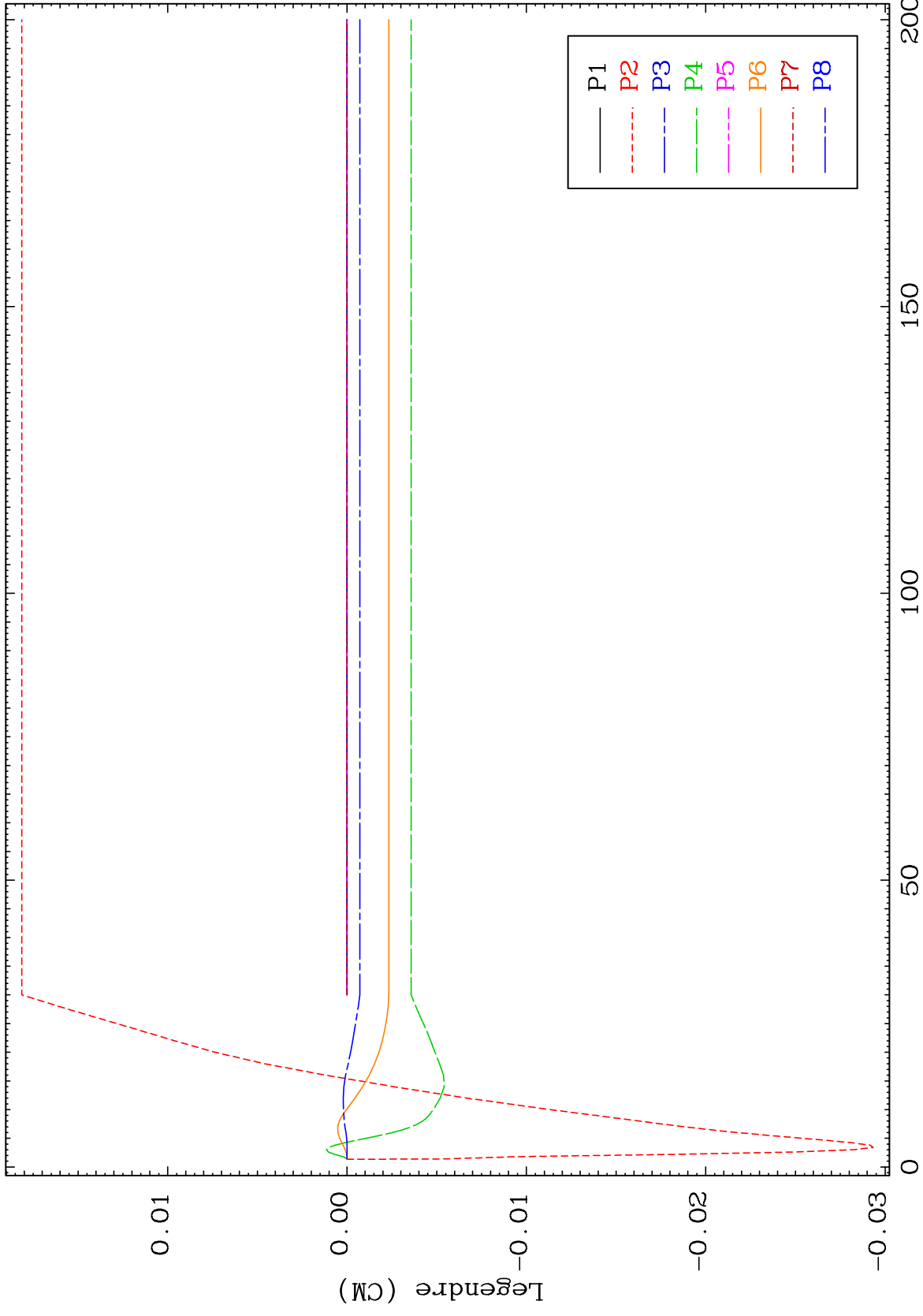




MAT 4310

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

43-Tc-94



78

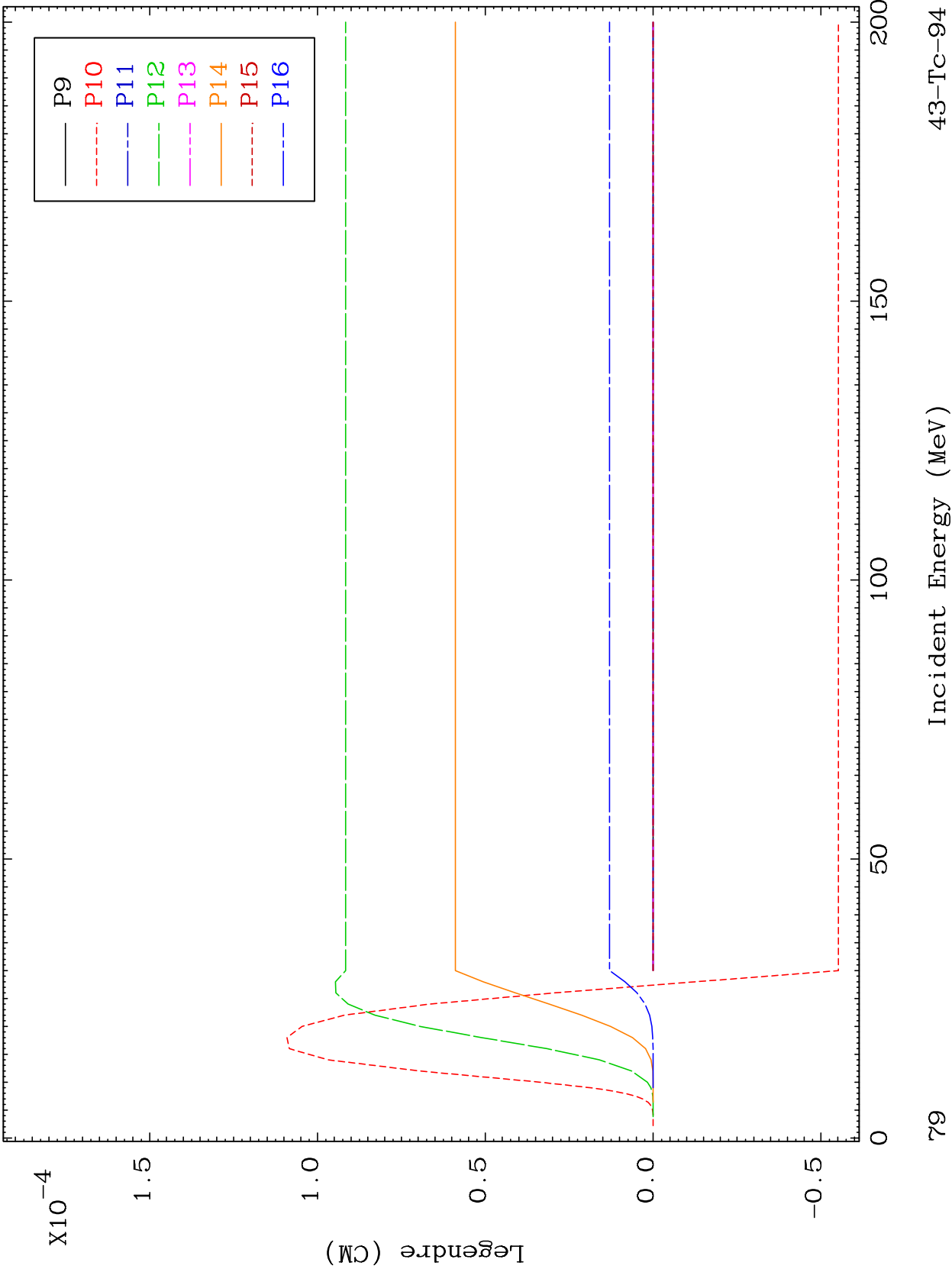
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

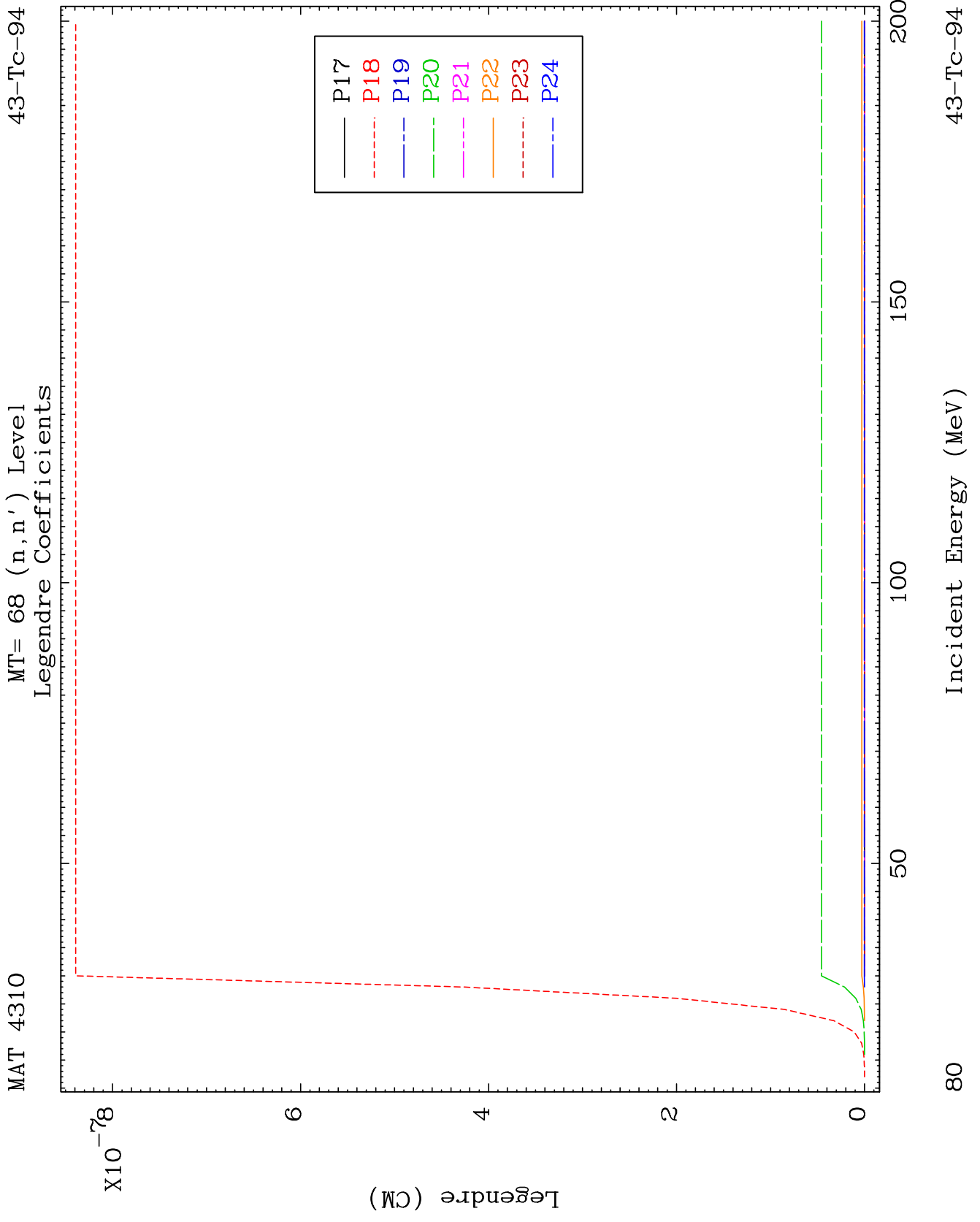
43-Tc-94



79

Incident Energy (MeV)

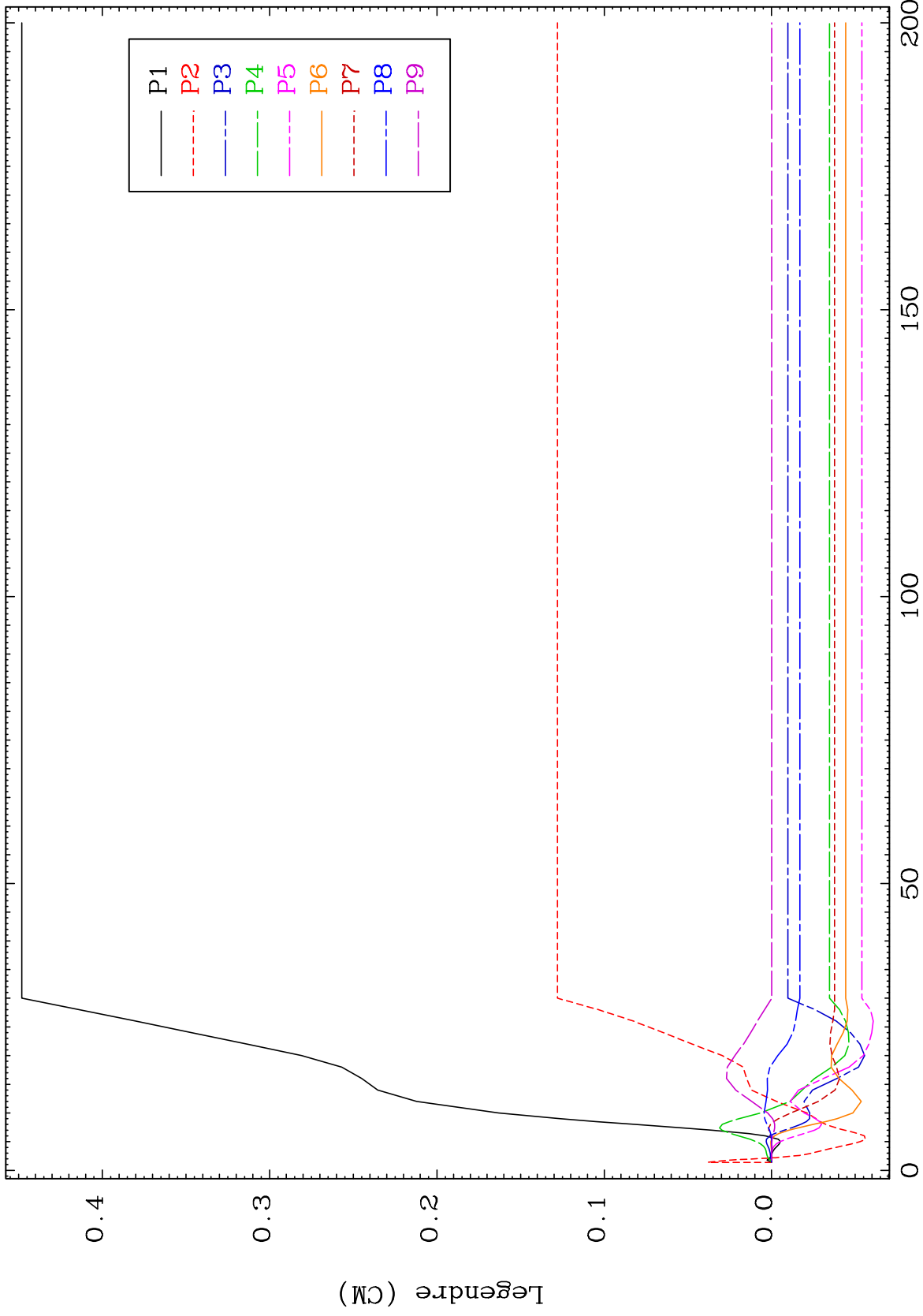
43-Tc-94



MAT 4310

MT= 69 (n,n') Level
Legendre Coefficients

43-Tc-94



81

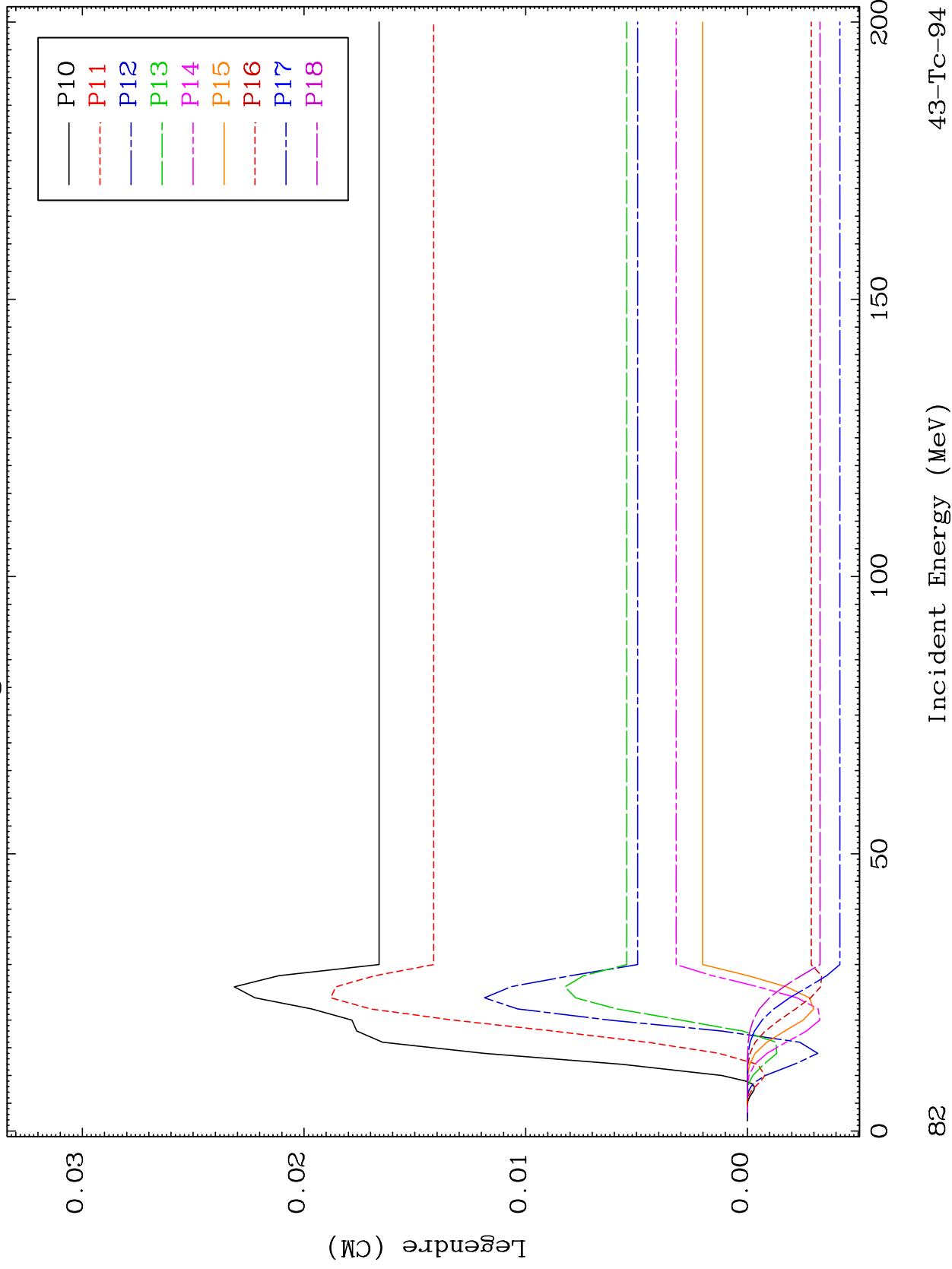
Incident Energy (MeV)

43-Tc-94

MAT 4310

MT= 69 (n,n') Level
Legendre Coefficients

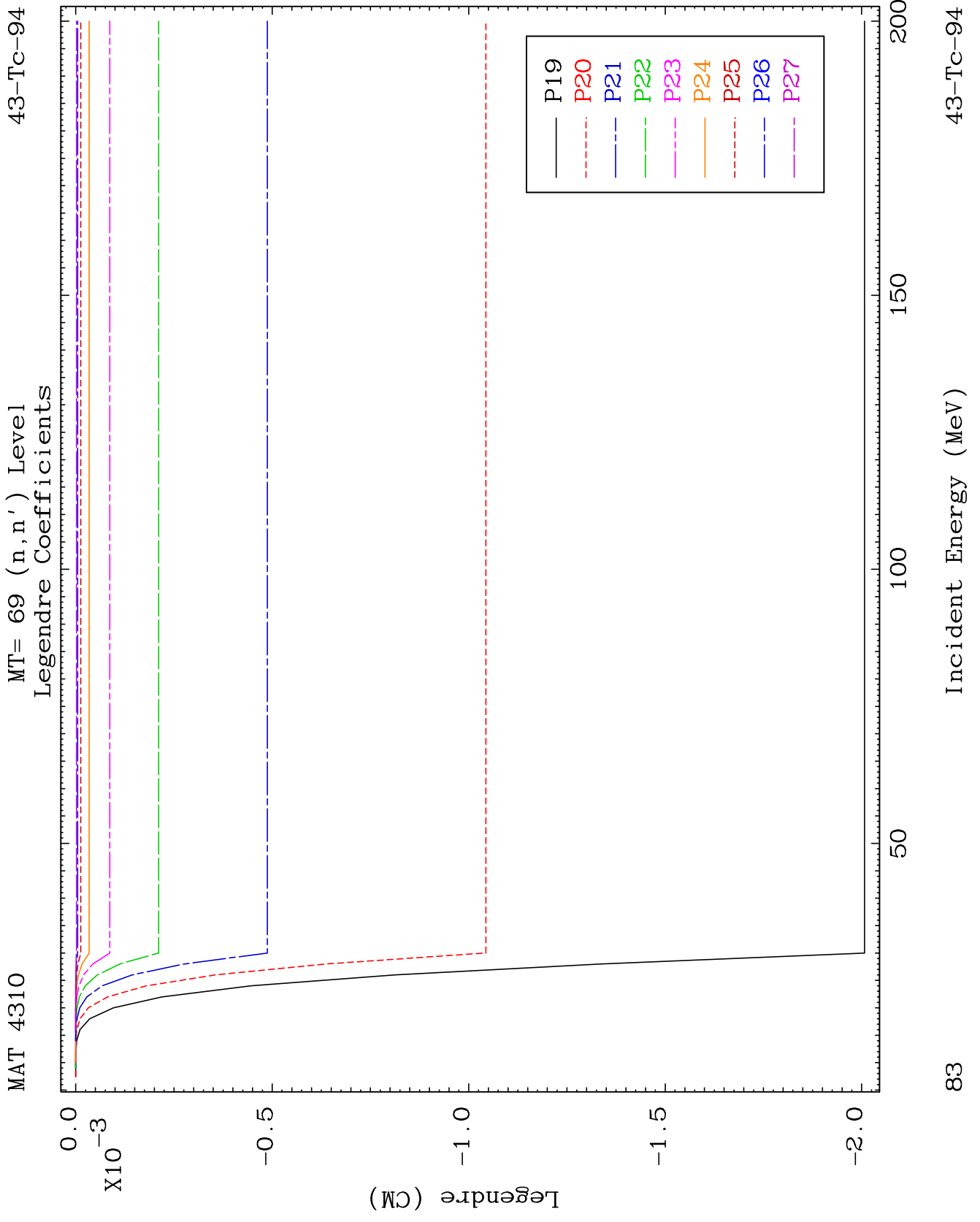
43-Tc-94

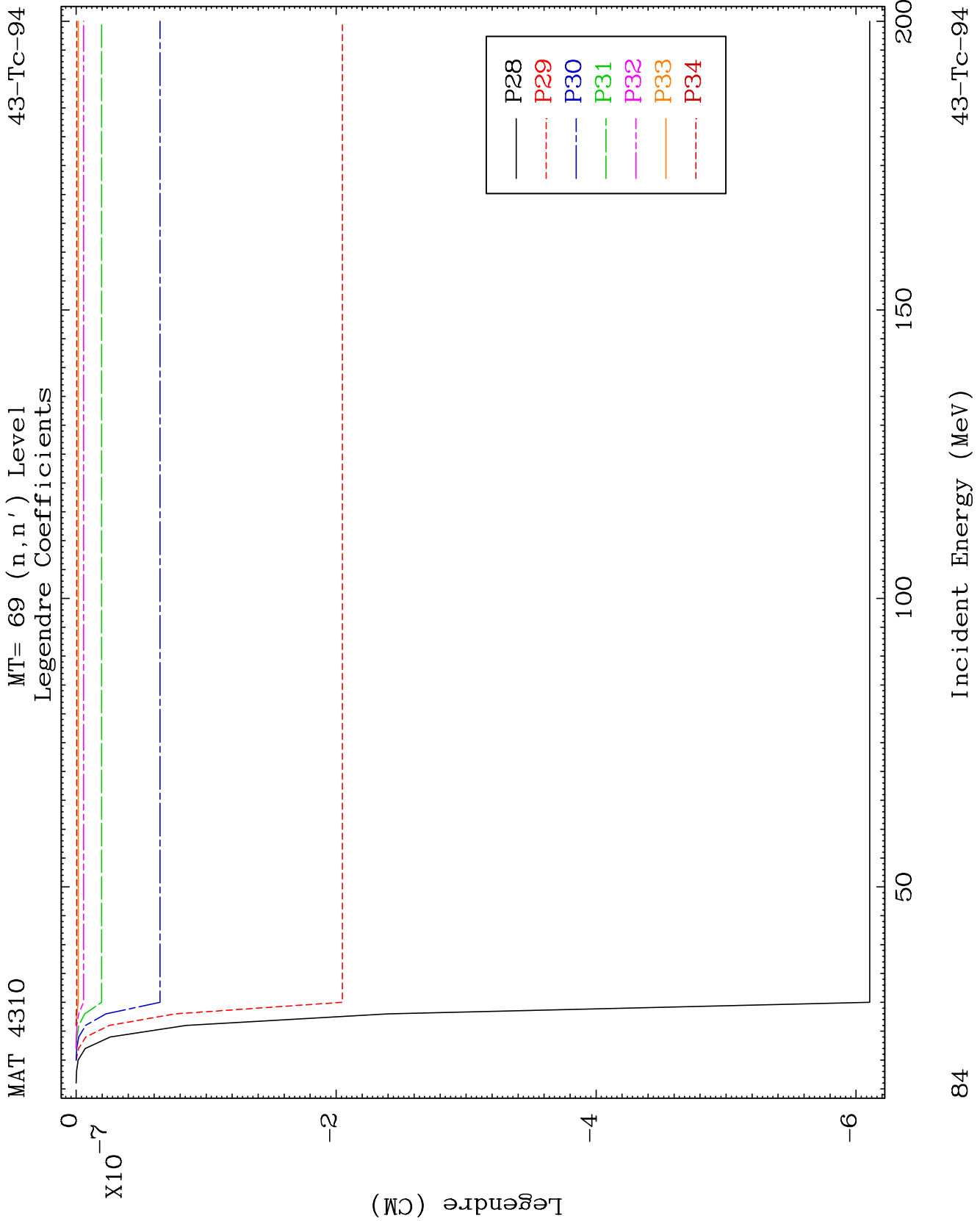


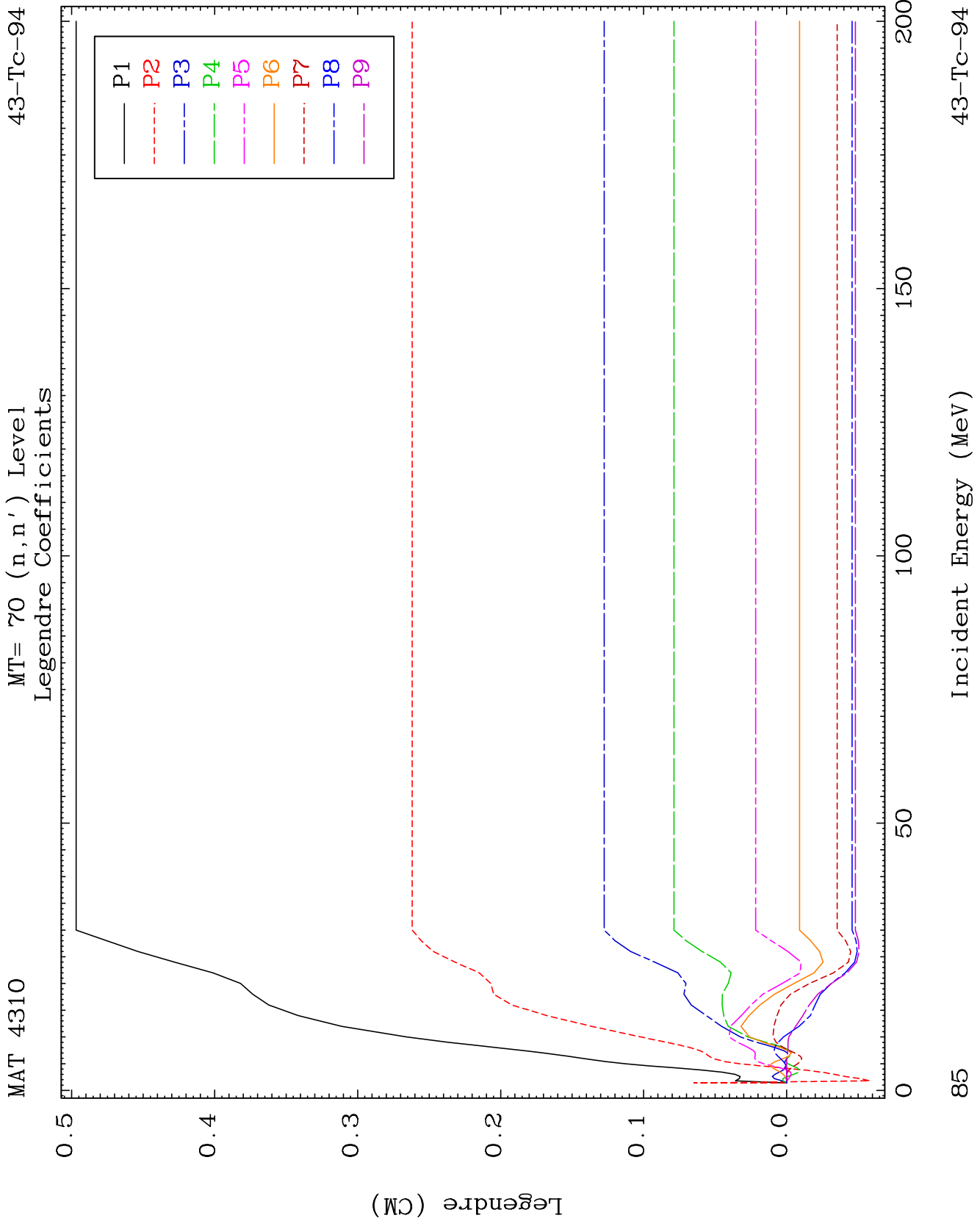
82

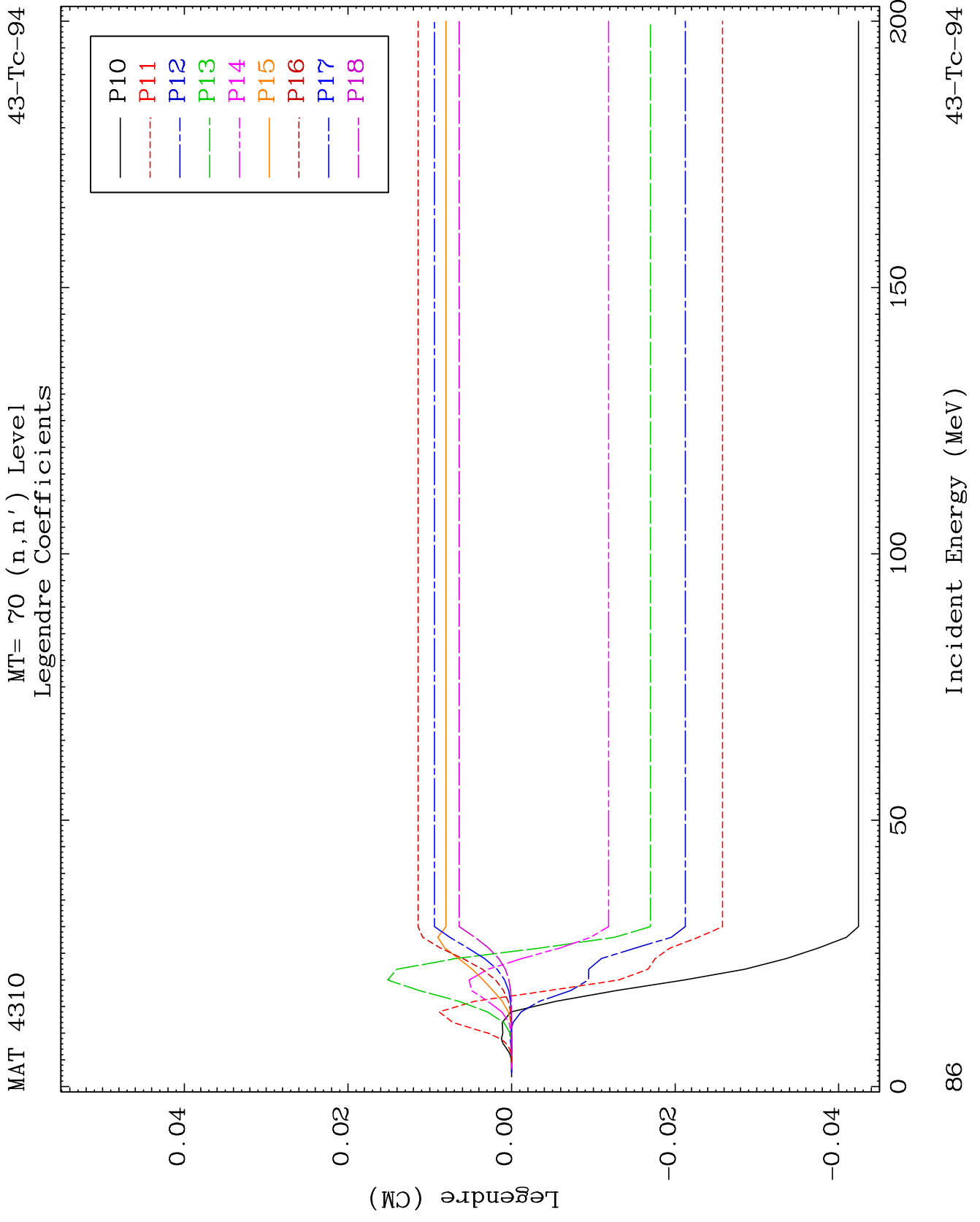
Incident Energy (MeV)

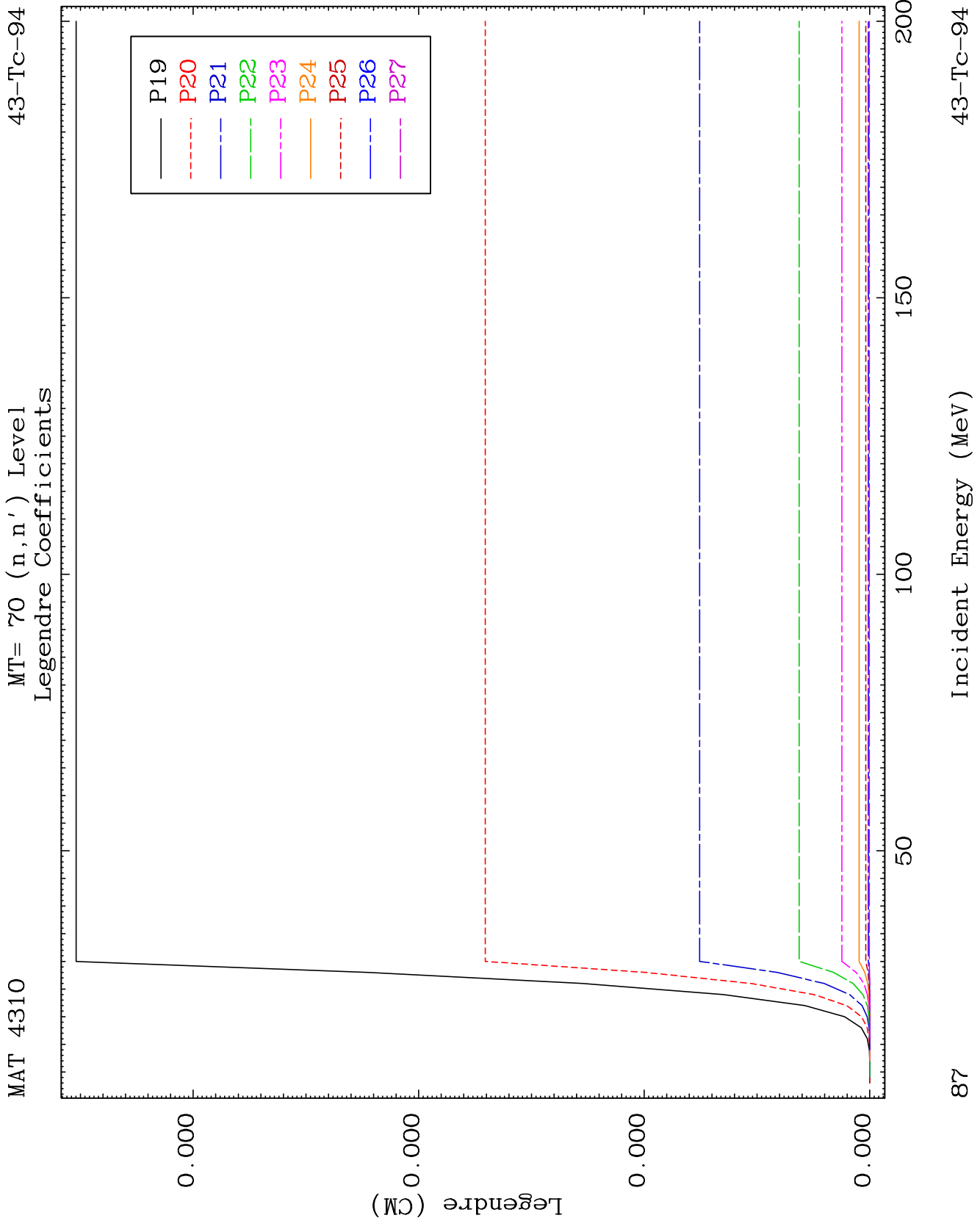
43-Tc-94







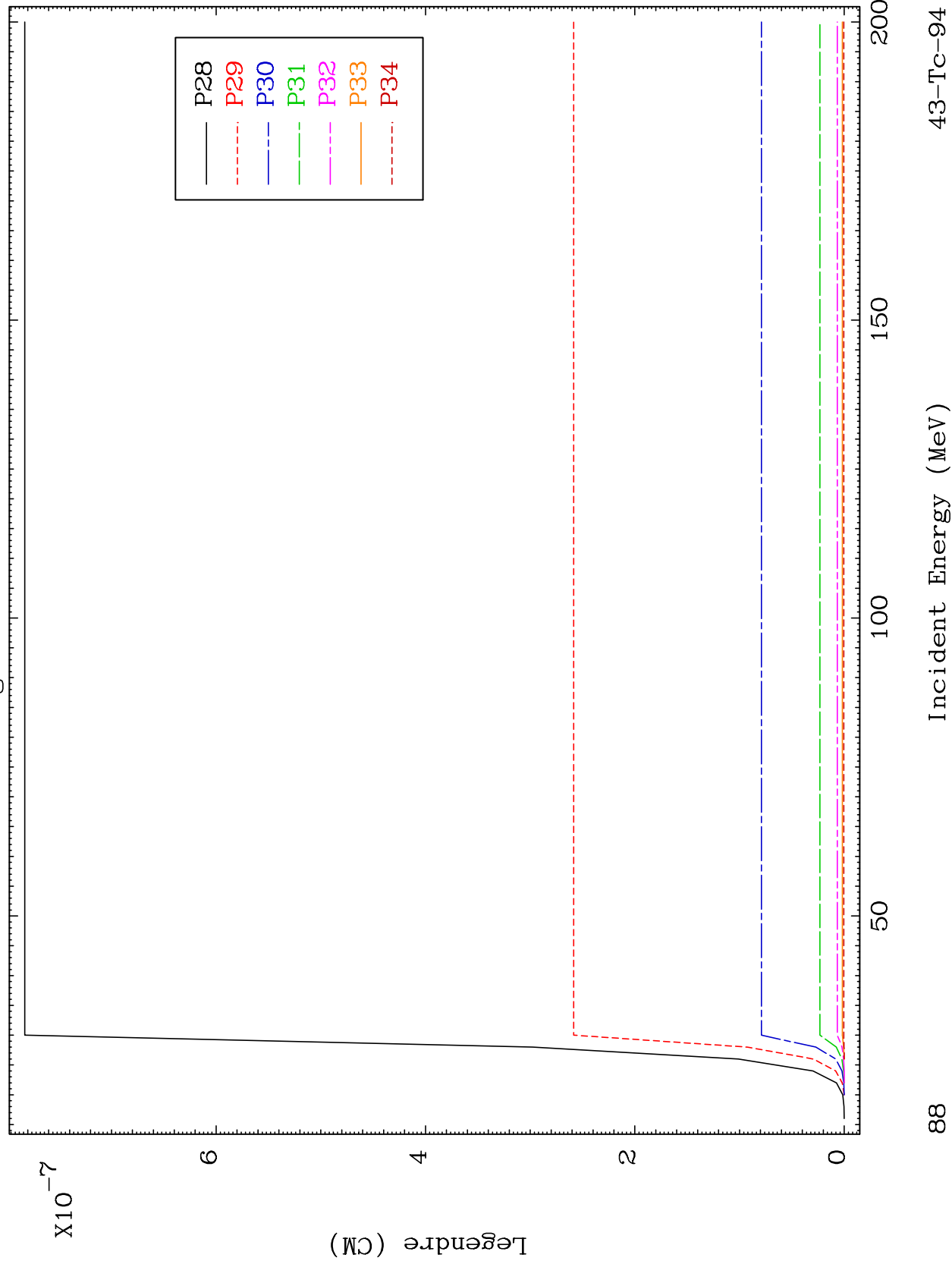




MAT 4310

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

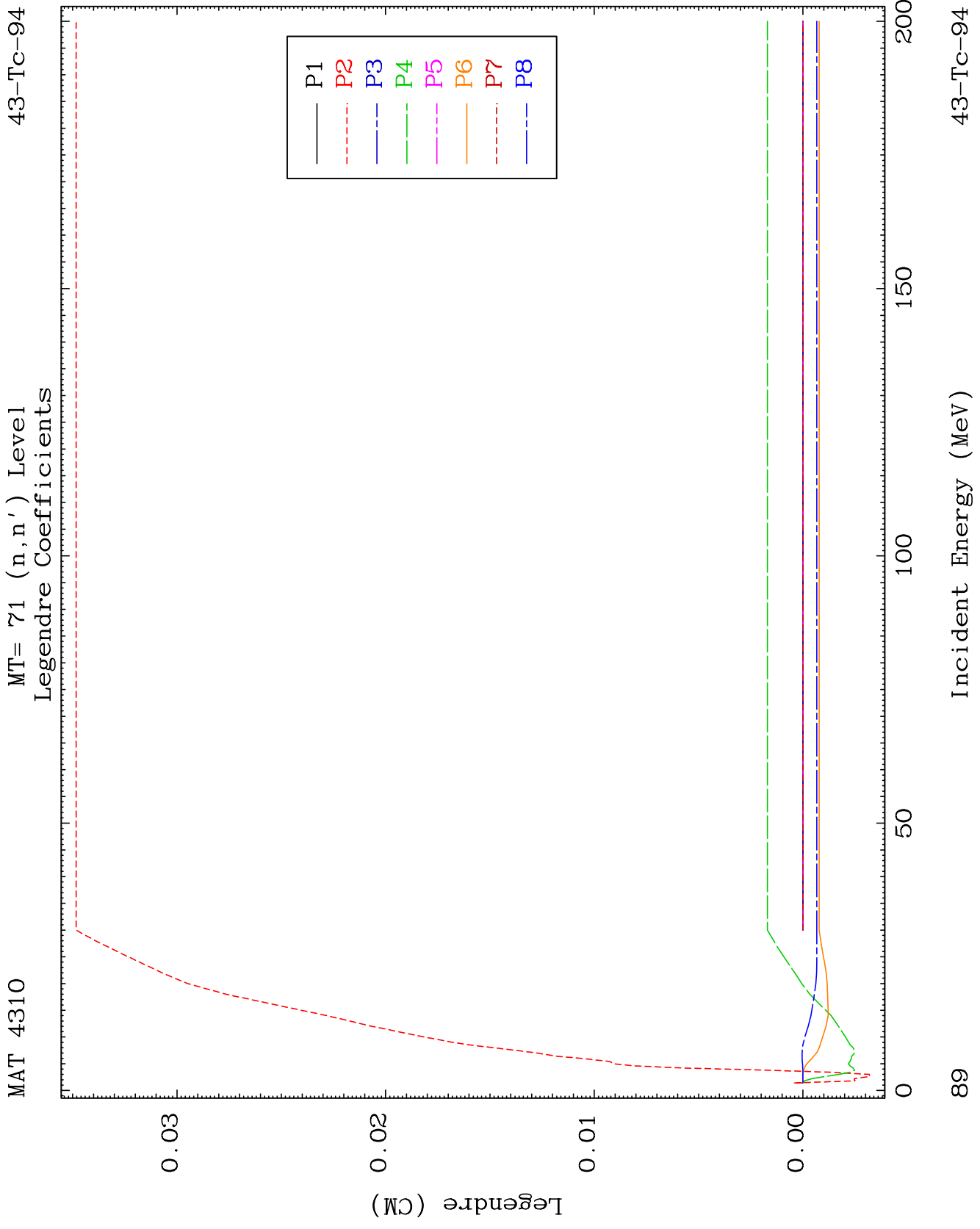
43-Tc-94

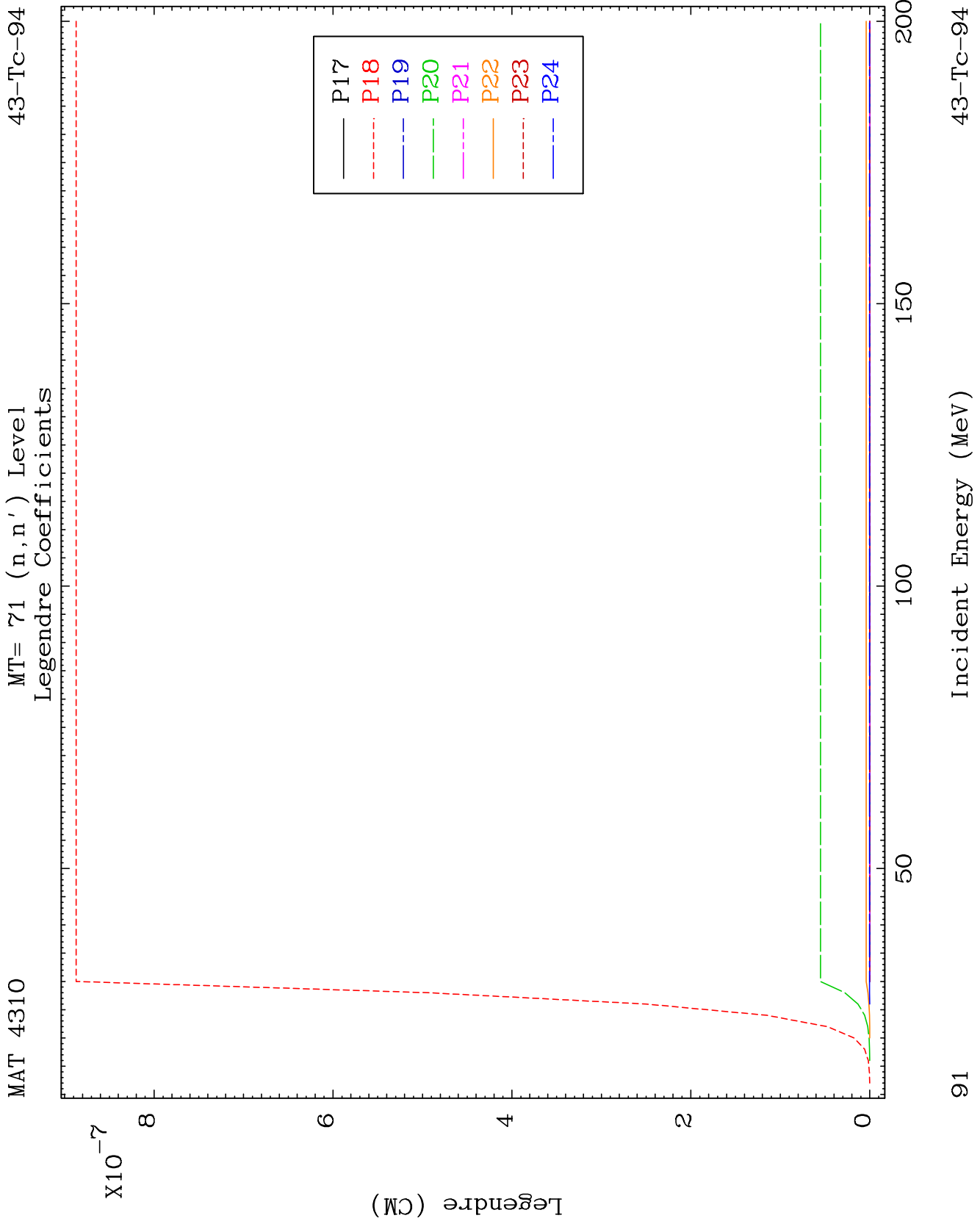


88

Incident Energy (MeV)

43-Tc-94

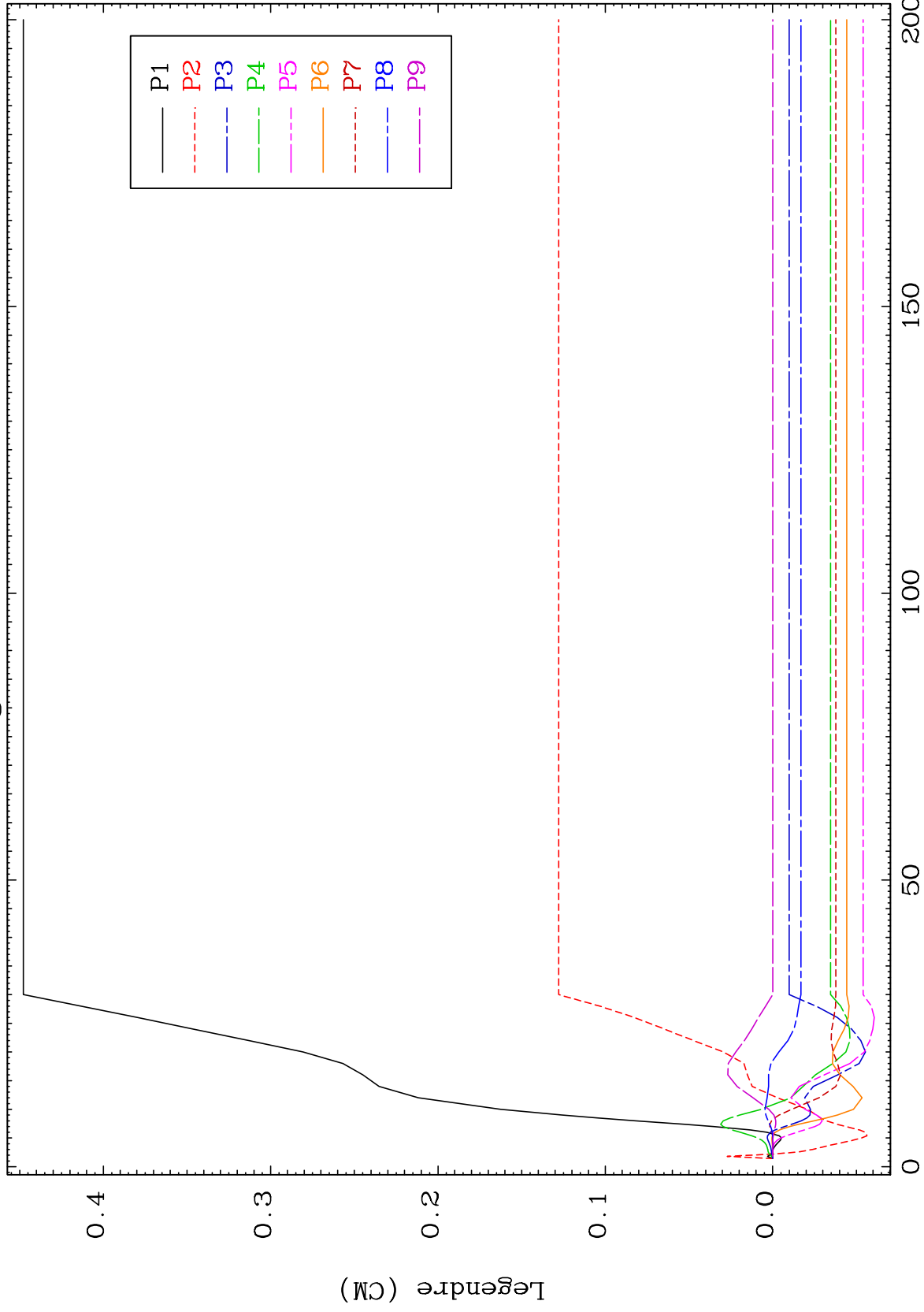




MAT 4310

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

43-Tc-94



92

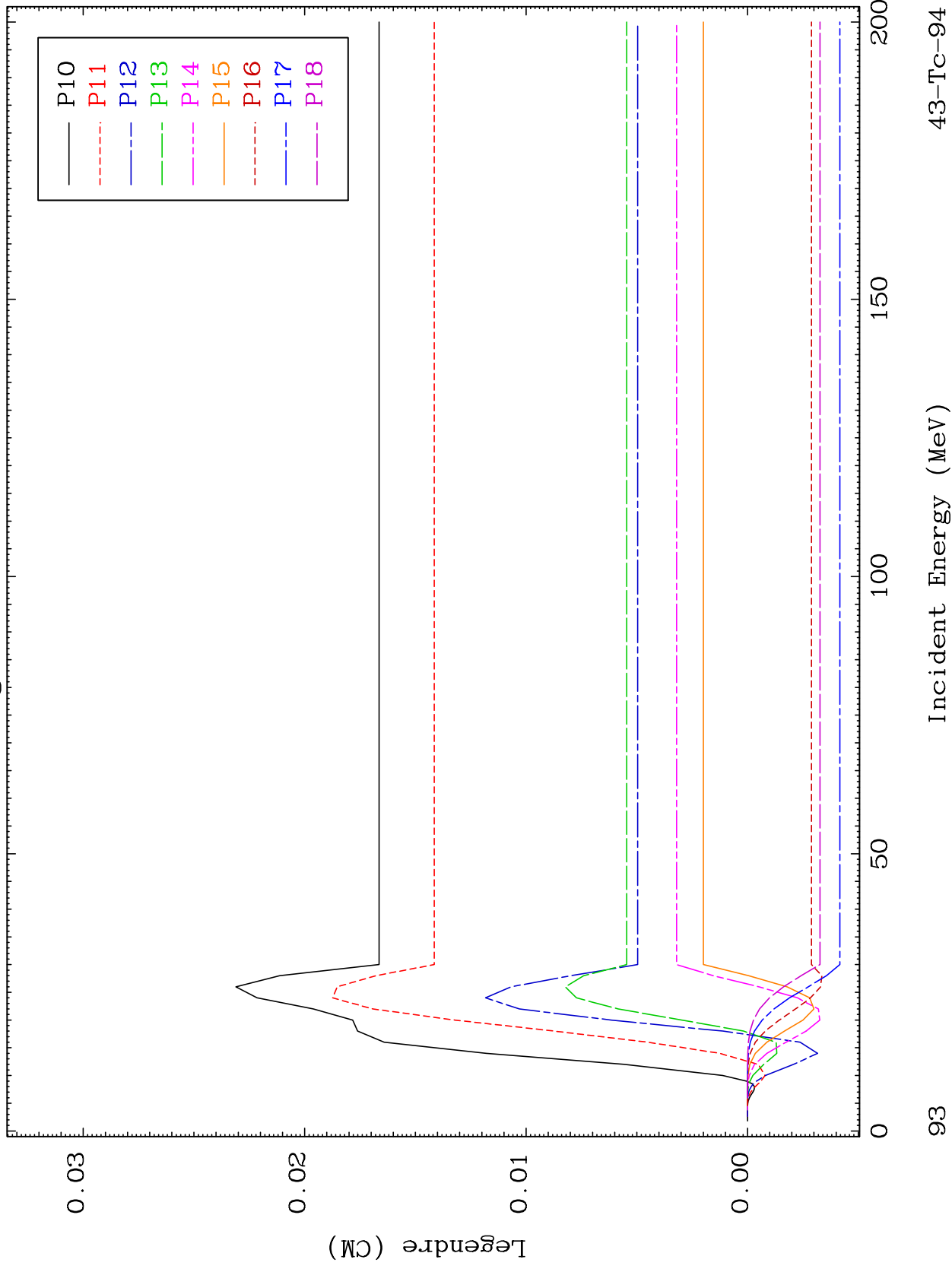
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

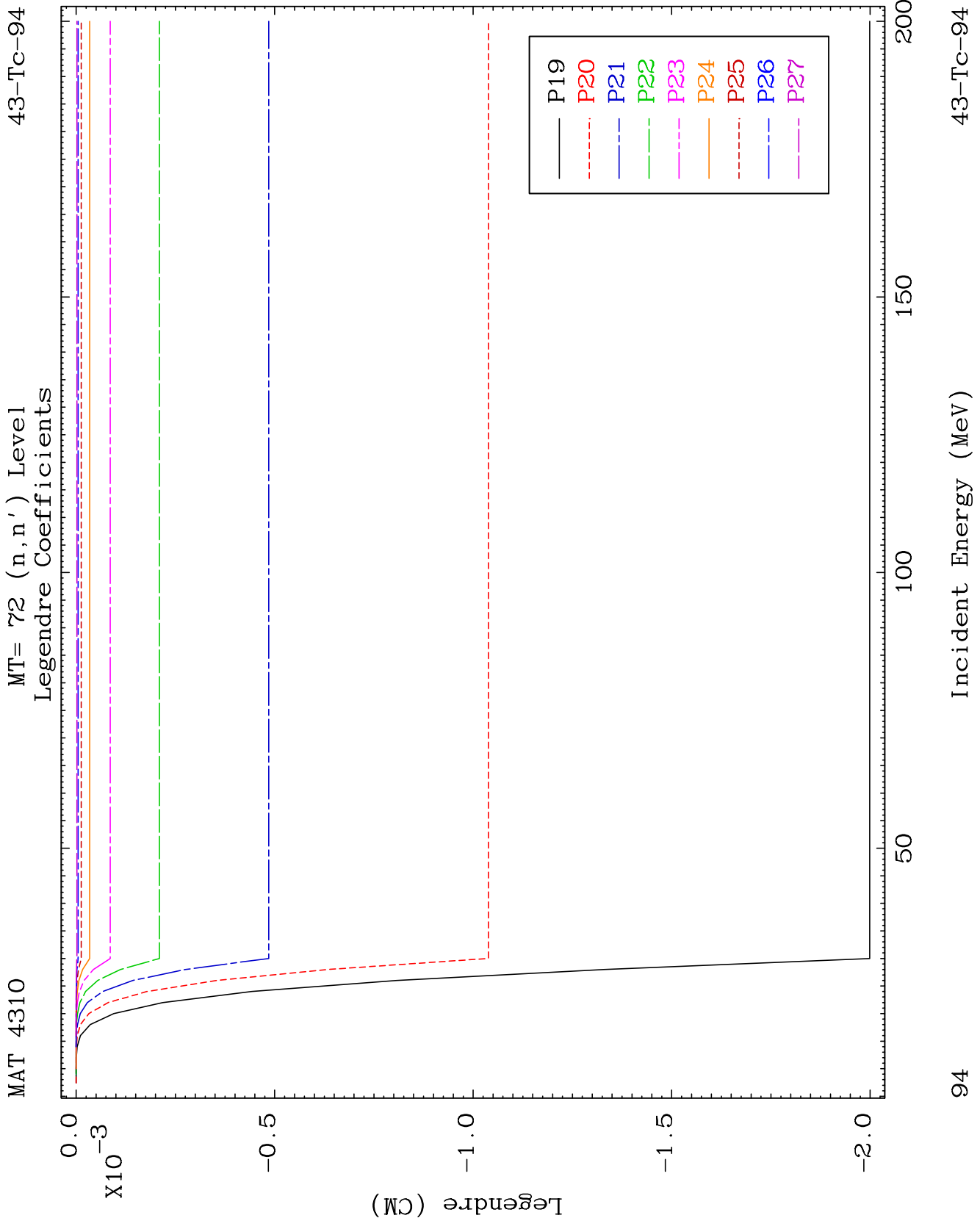
43-Tc-94

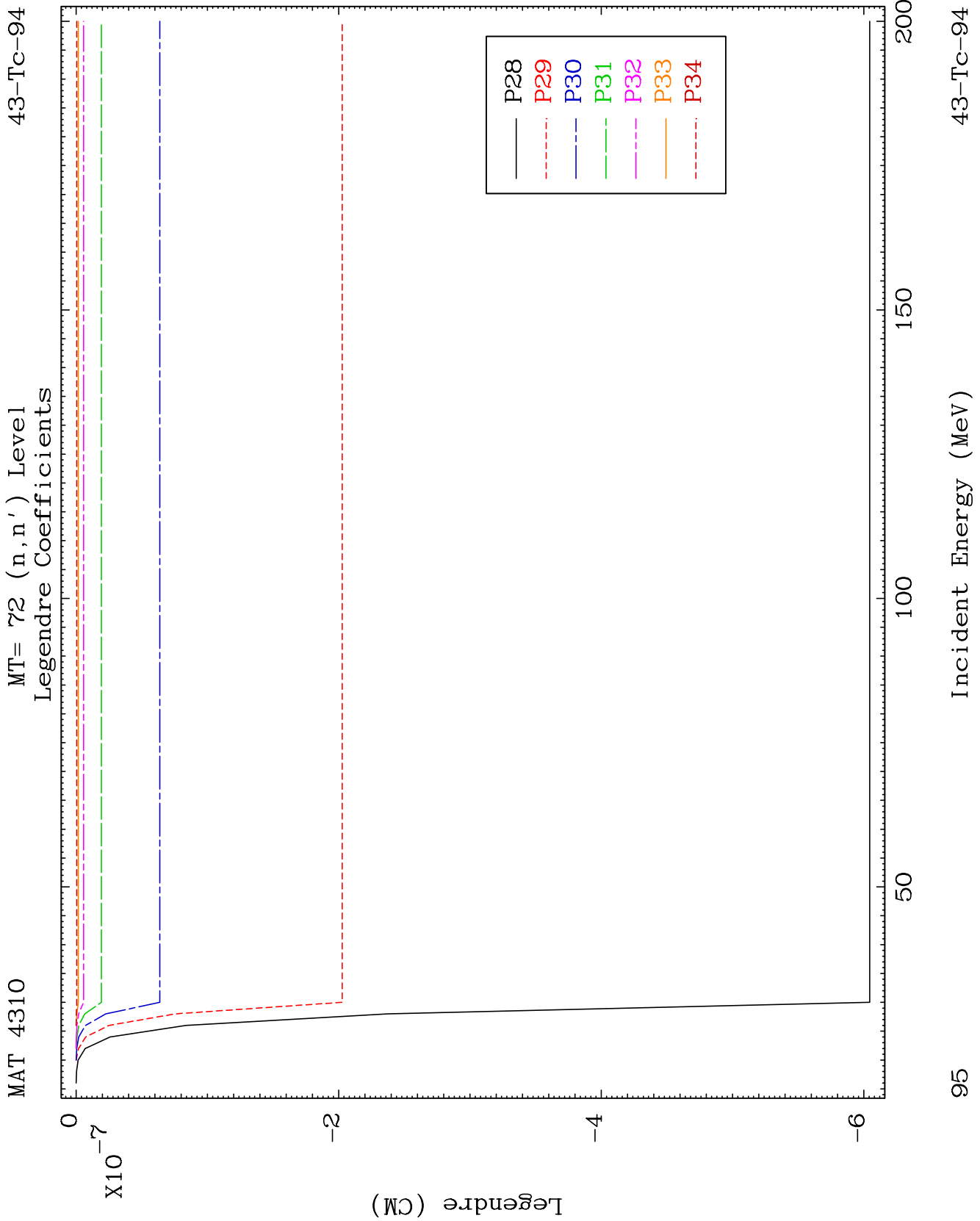


93

Incident Energy (MeV)

43-Tc-94



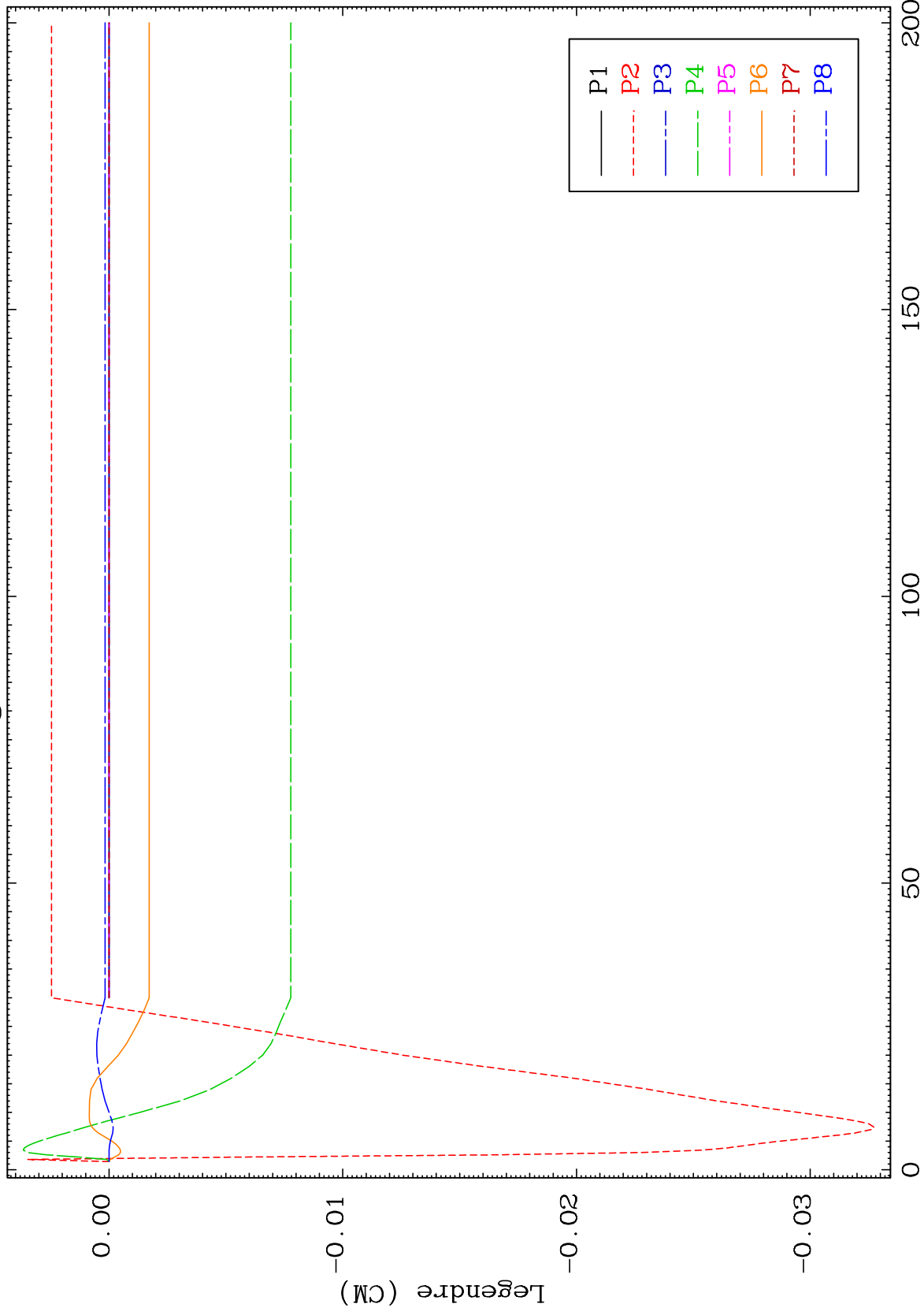


MAT 4310

MT= 73 (n,n') Level

43-Tc-94

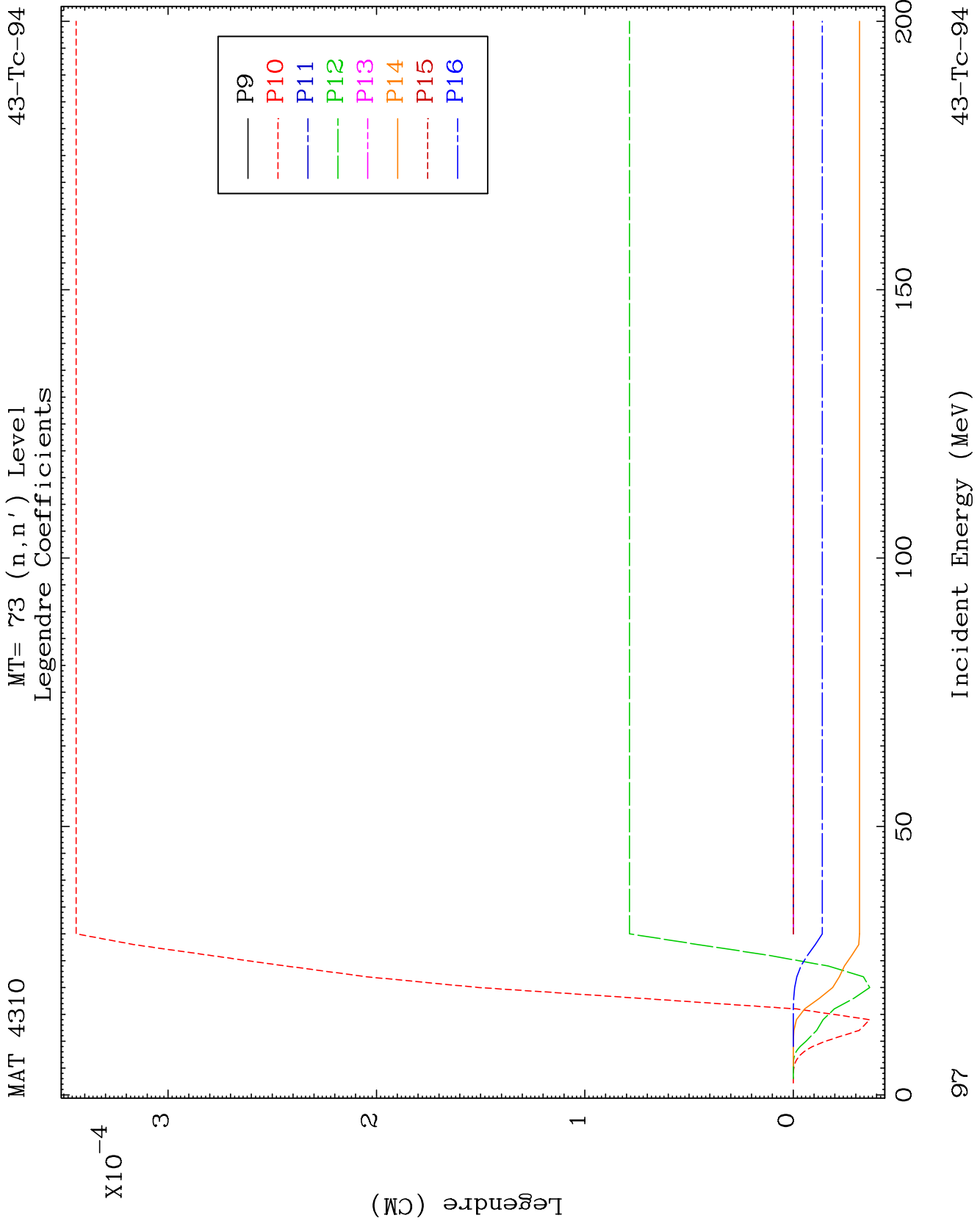
Legendre Coefficients

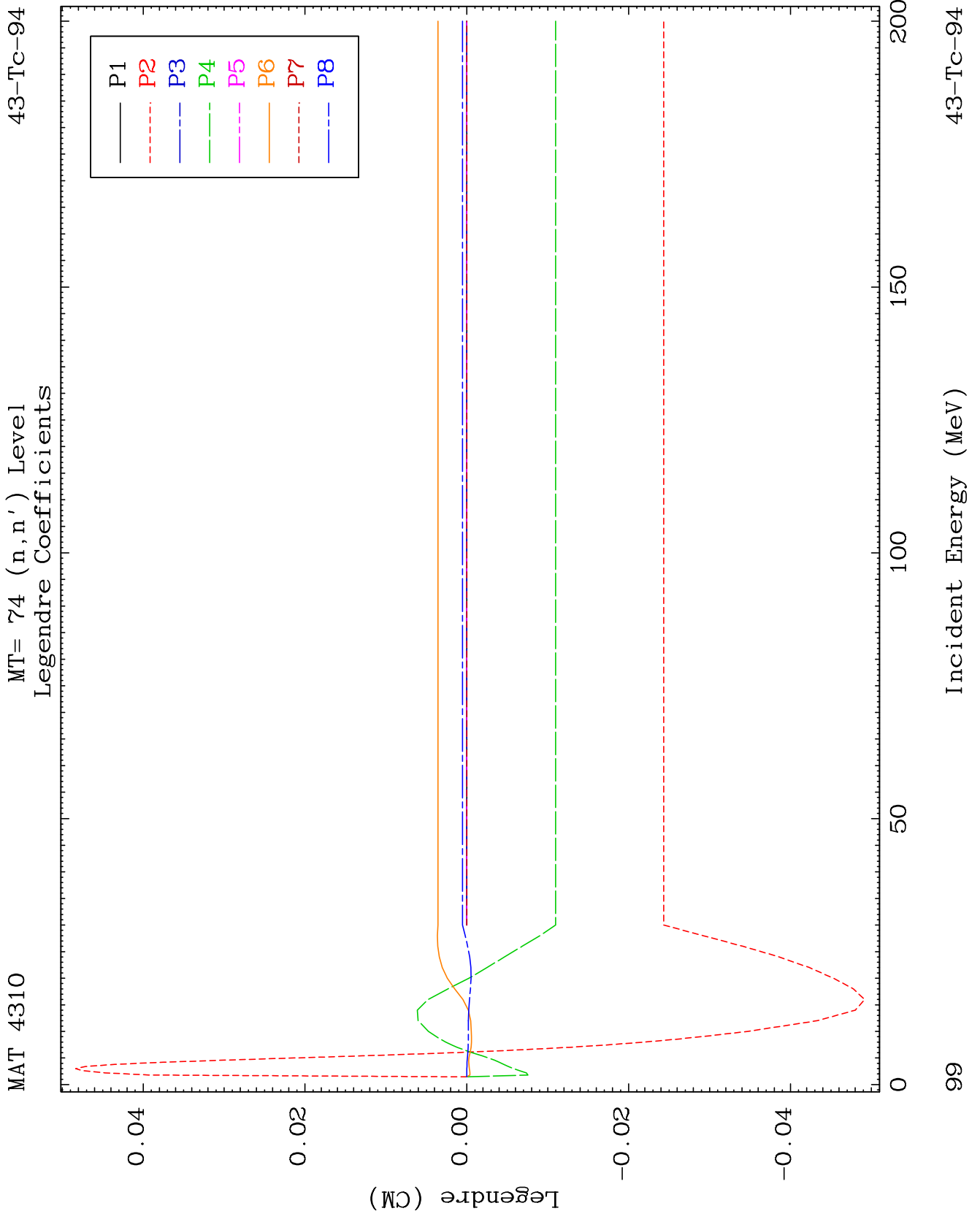


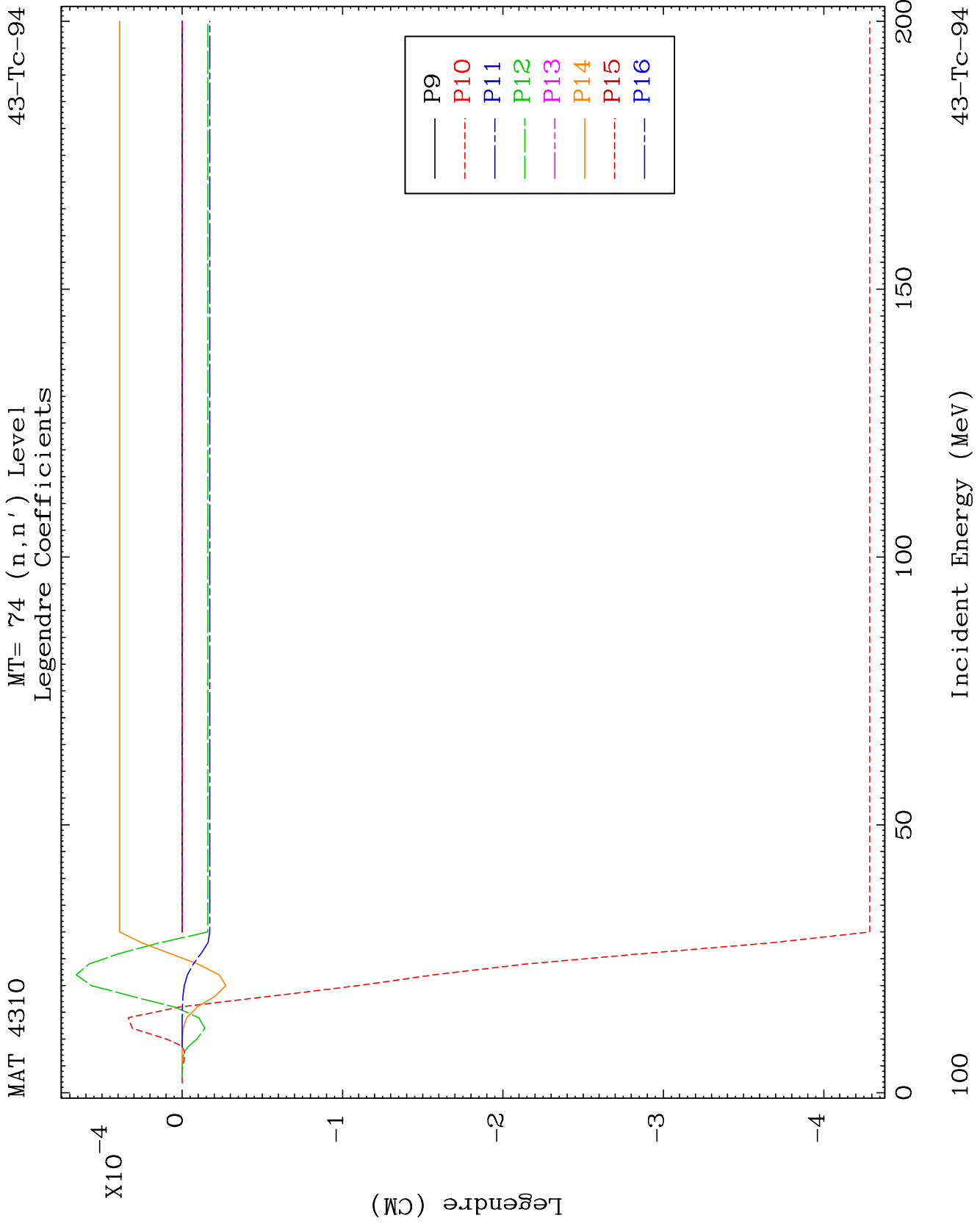
96

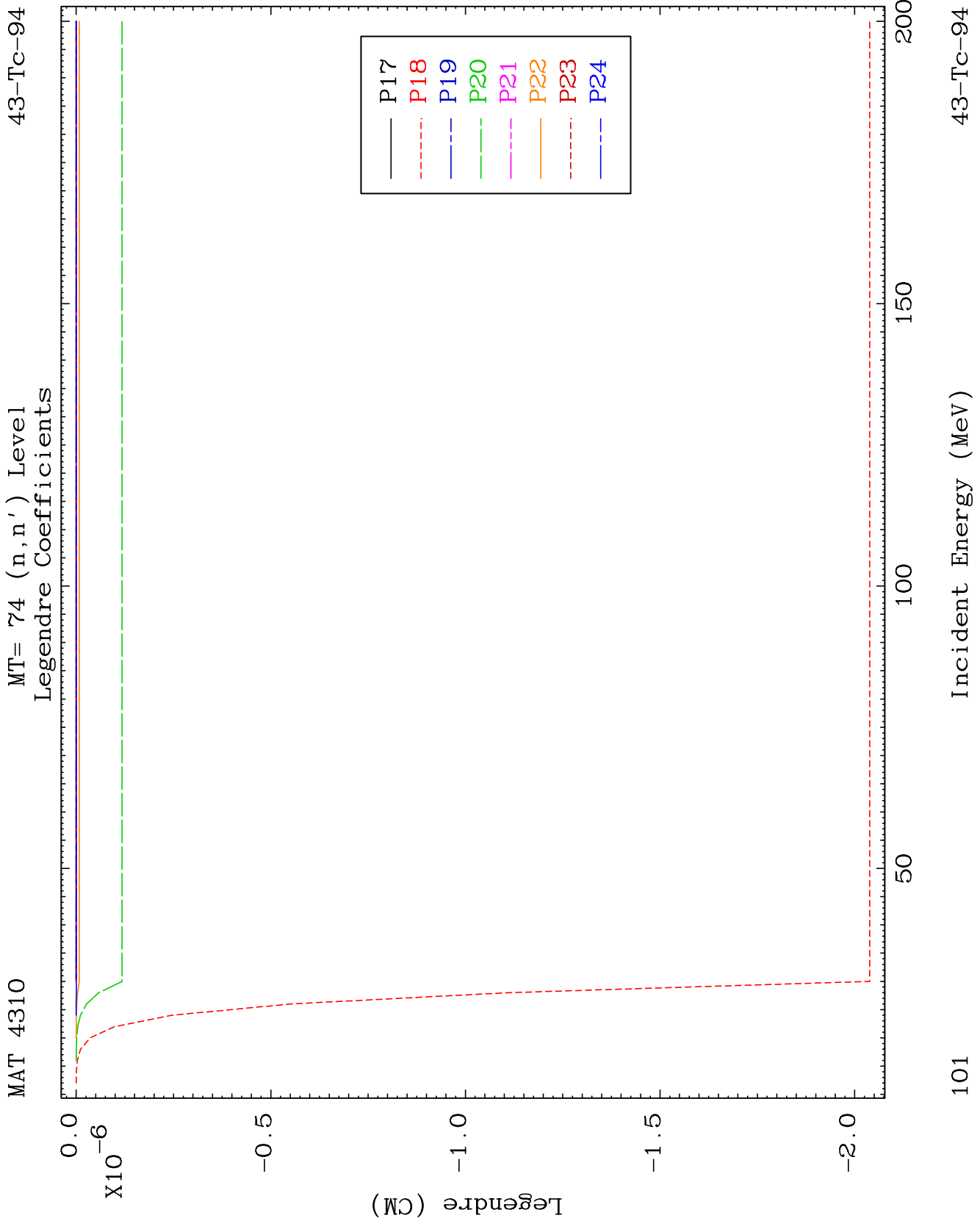
Incident Energy (MeV)

43-Tc-94





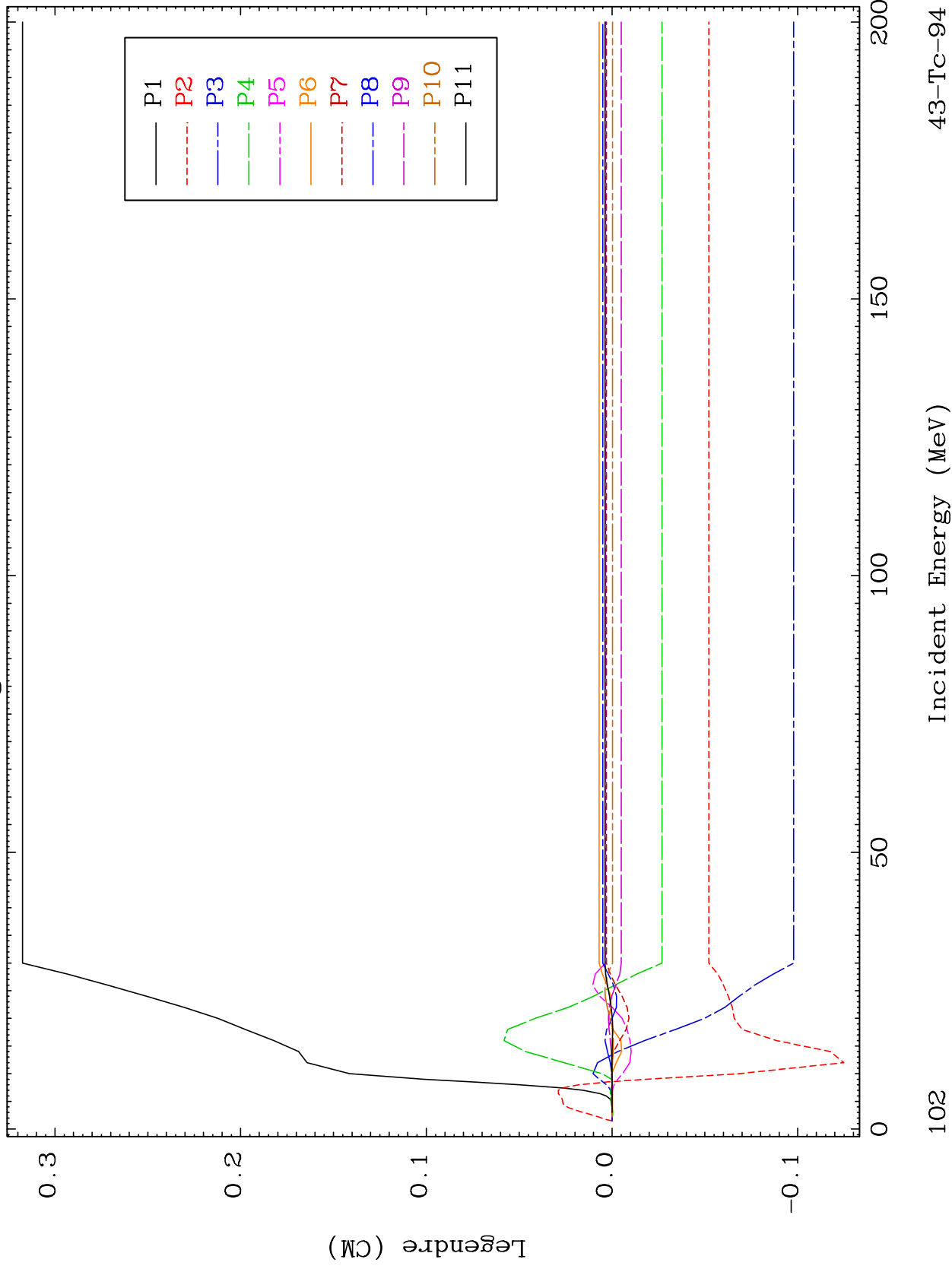




MAT 4310

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

43-Tc-94



43-Tc-94

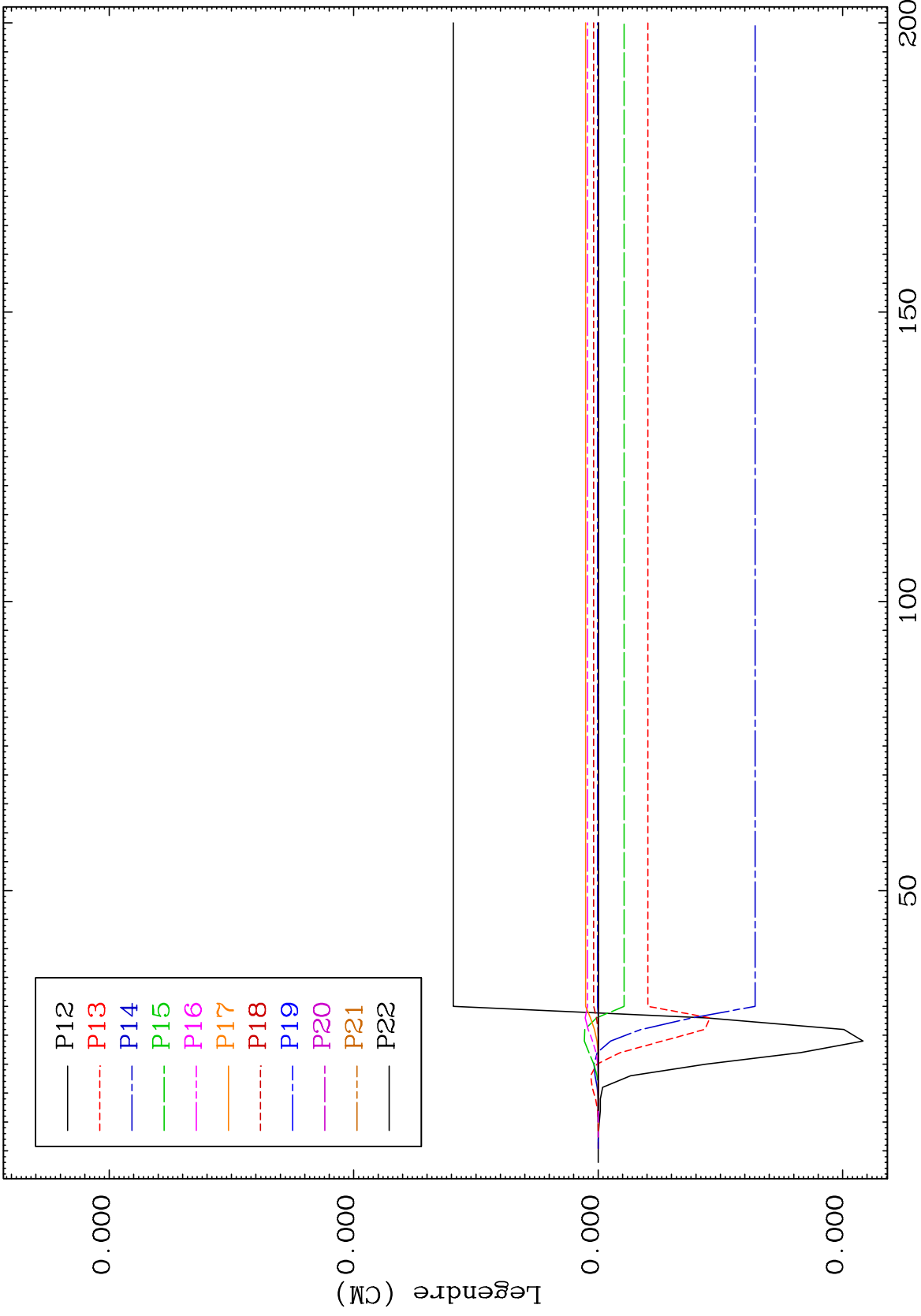
Incident Energy (MeV)

102

MAT 4310

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

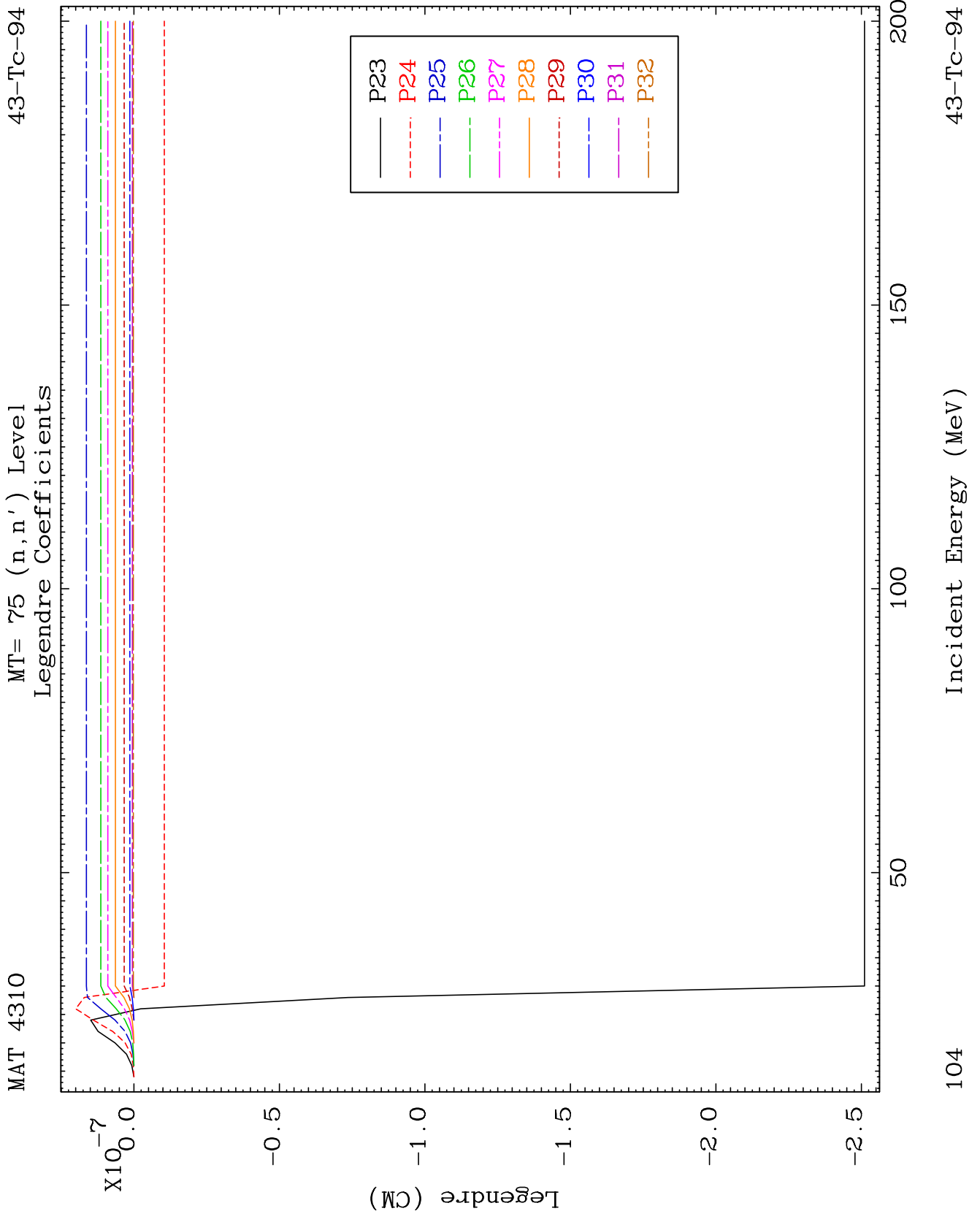
43-Tc-94



103

Incident Energy (MeV)

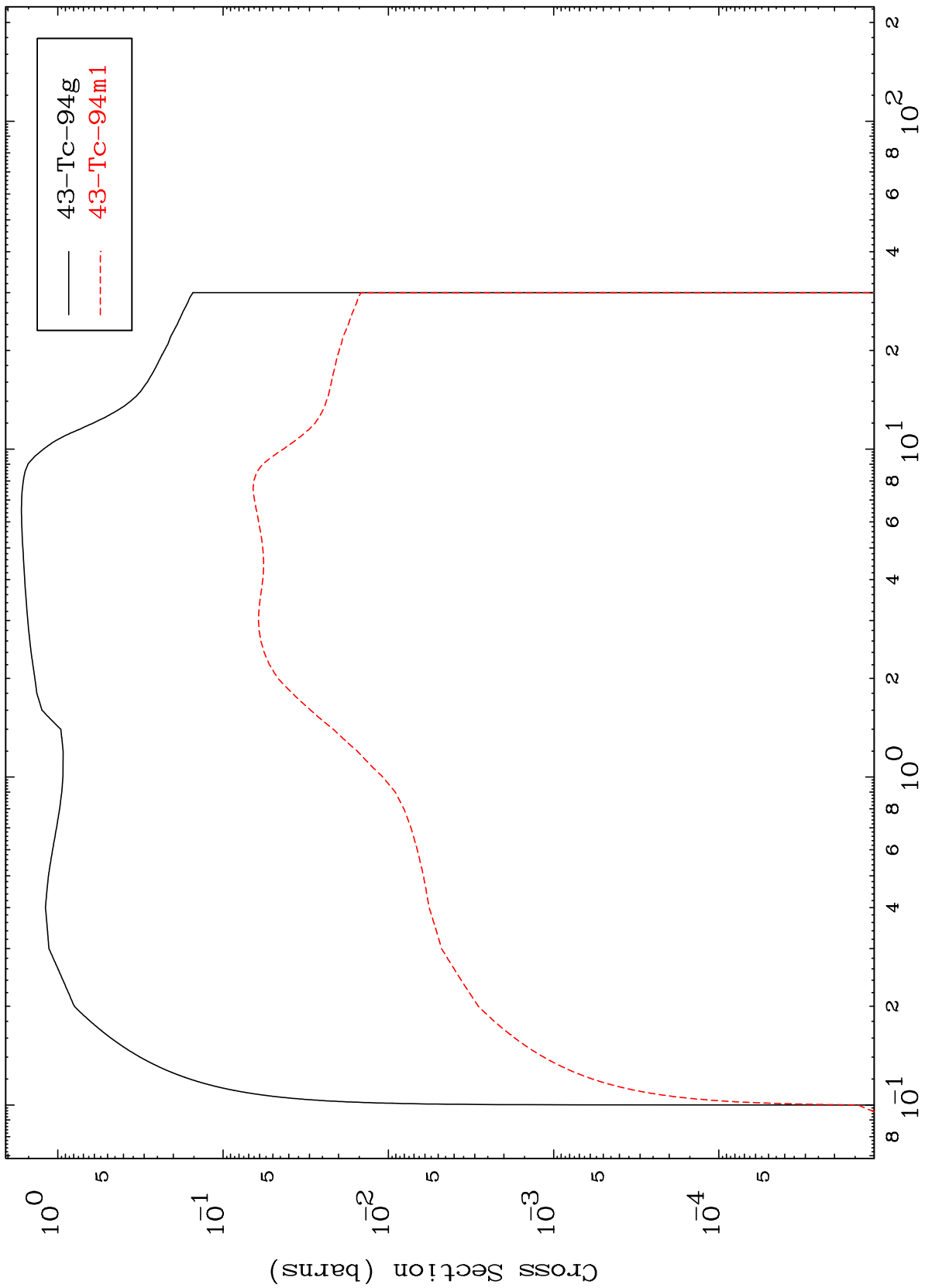
43-Tc-94



MAT 4310

43-Tc-94

Inelastic
Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

105

Incident Energy (MeV)

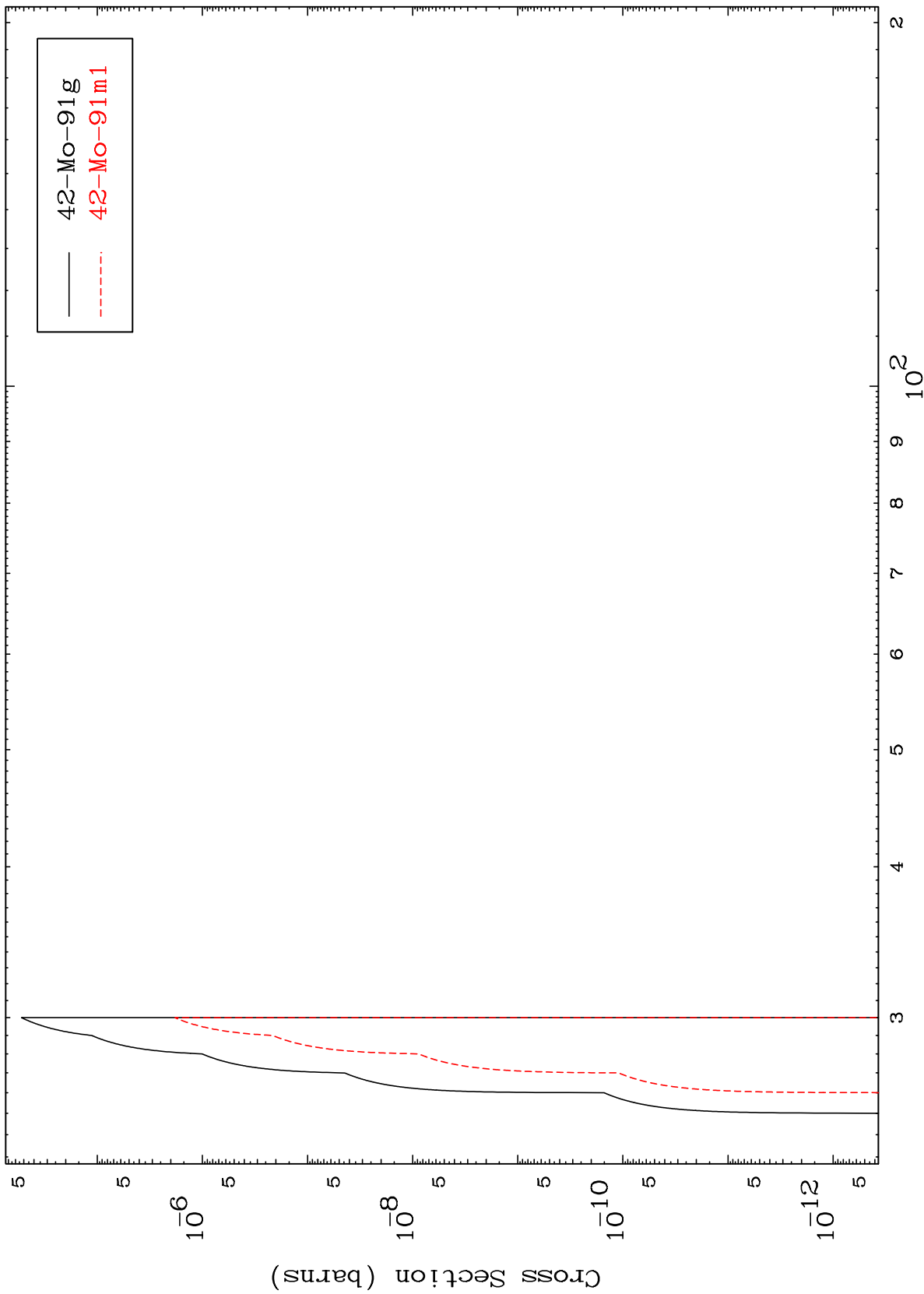
43-Tc-94

MAT 4310

(n,2n) d

43-Tc-94

Radionuclide Production Cross Section



106

Incident Energy (MeV)

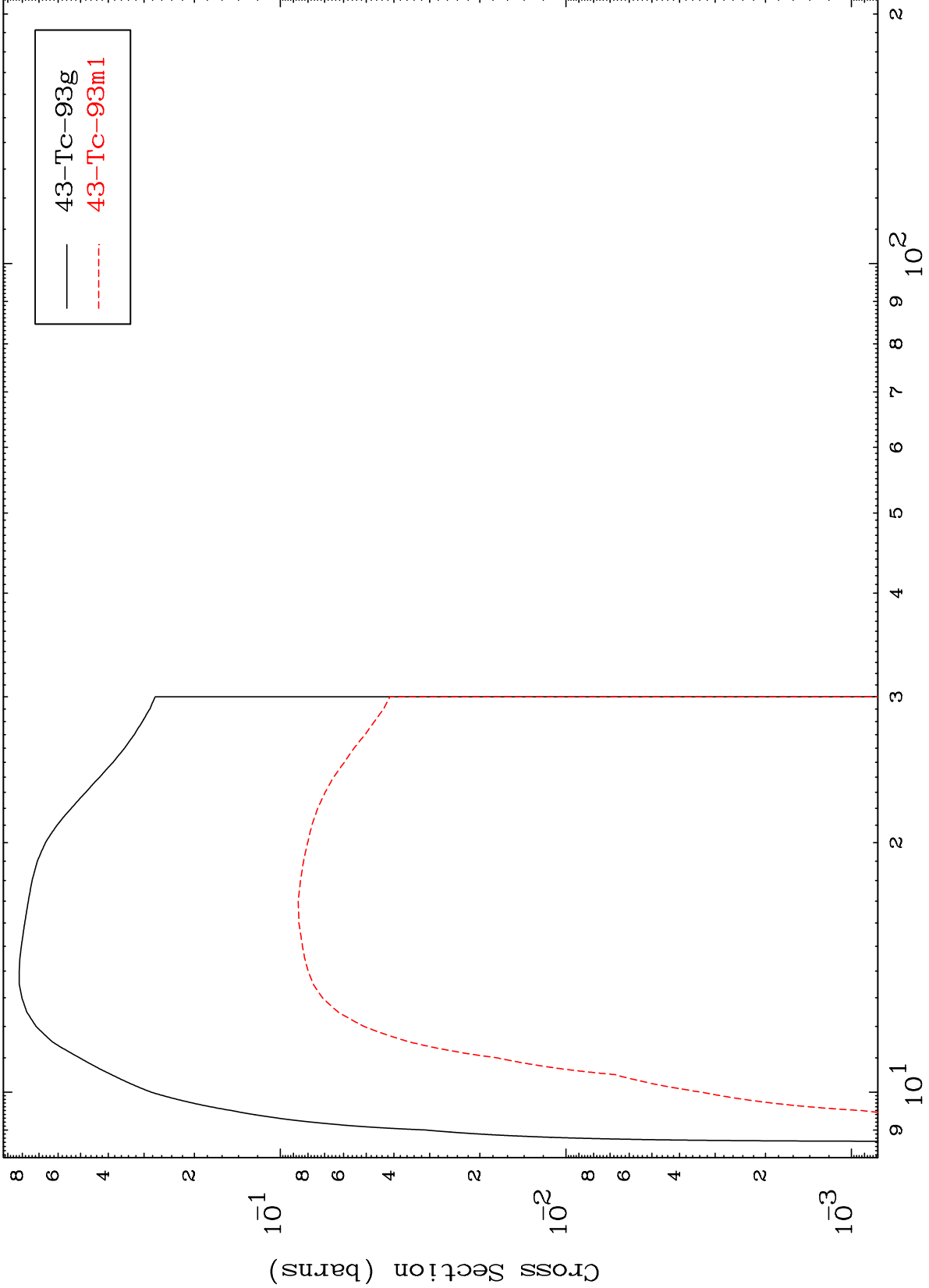
43-Tc-94

MAT 4310

(n,2n)

43-Tc-94

Radionuclide Production Cross Section



107

Incident Energy (MeV)

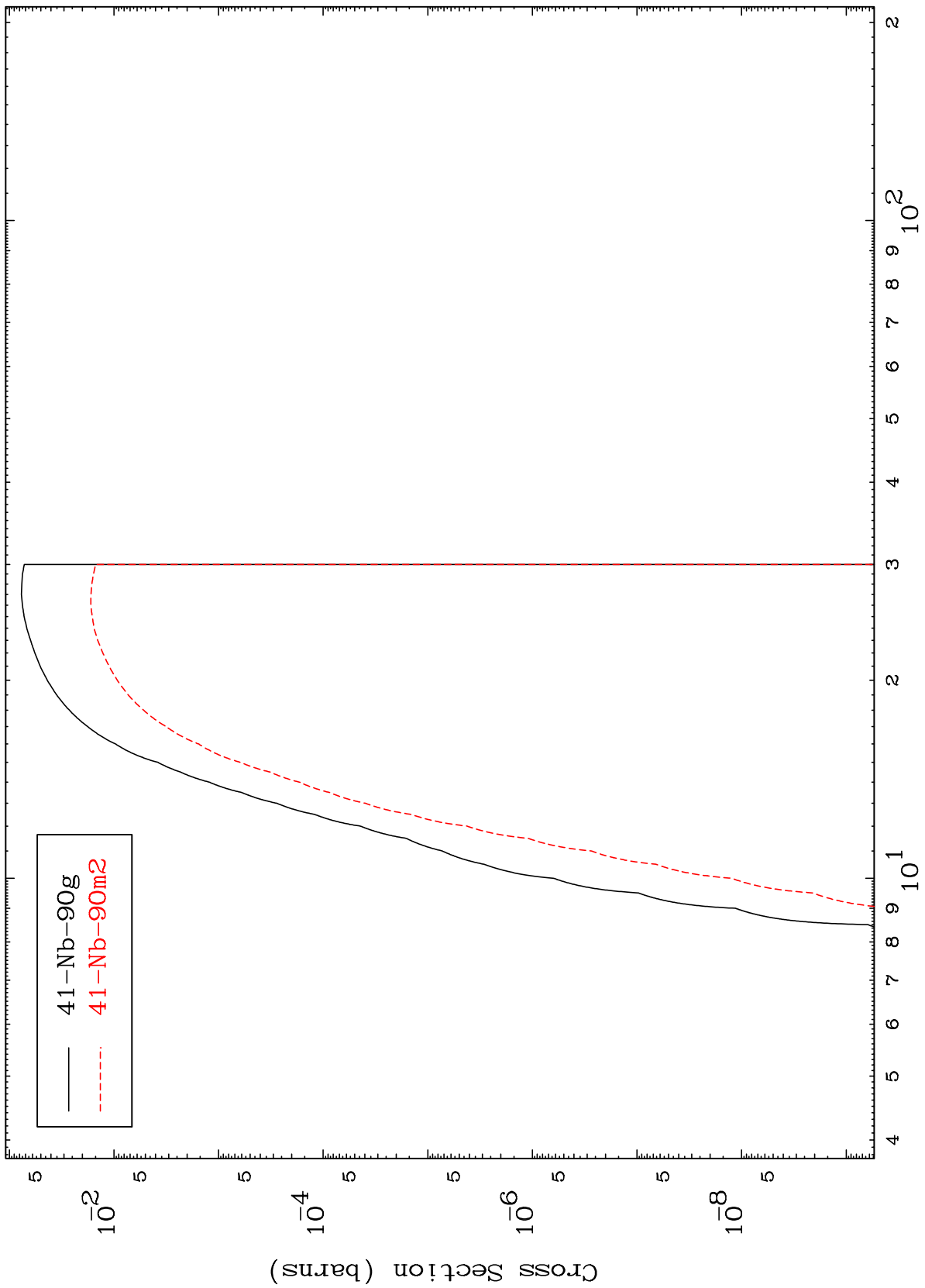
43-Tc-94

MAT 4310

(n,n') α

43-Tc-94

Radionuclide Production Cross Section



— 41-Nb-90g
- - - 41-Nb-90m2

108

Incident Energy (MeV)

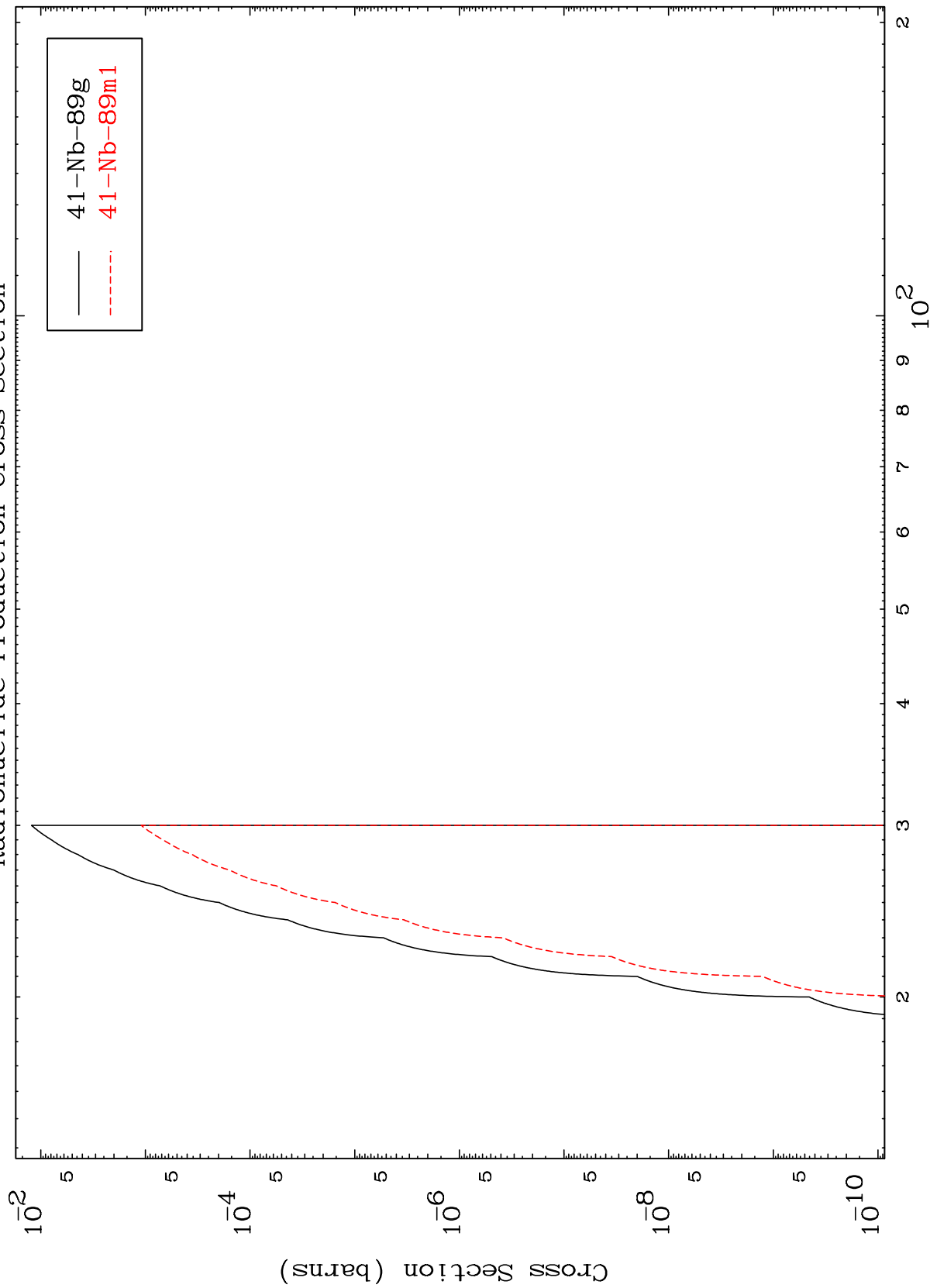
43-Tc-94

MAT 4310

(n,2n) α

43-Tc-94

Radionuclide Production Cross Section



109

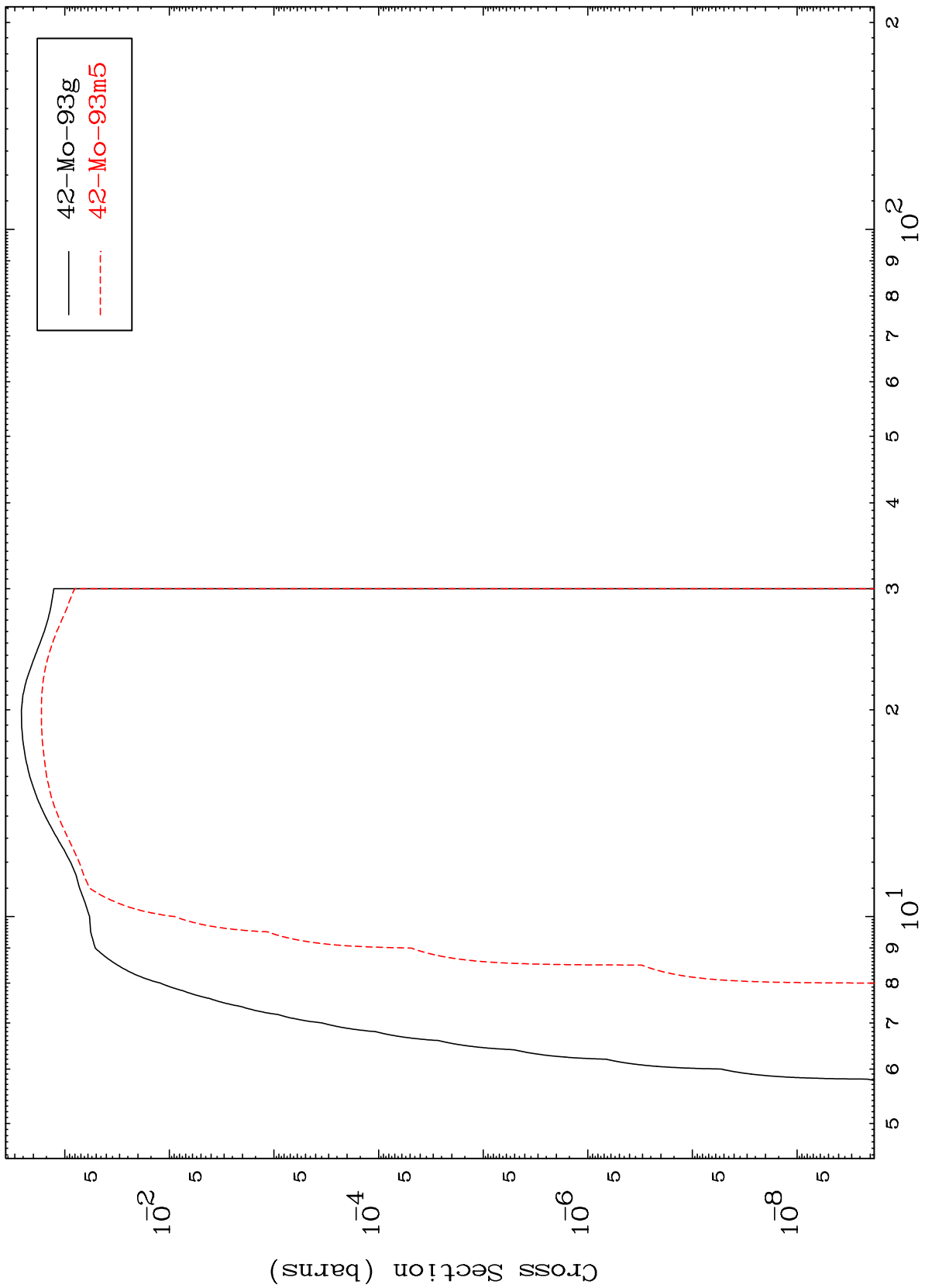
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

(n,n') p
Radionuclide Production Cross Section



110

Incident Energy (MeV)

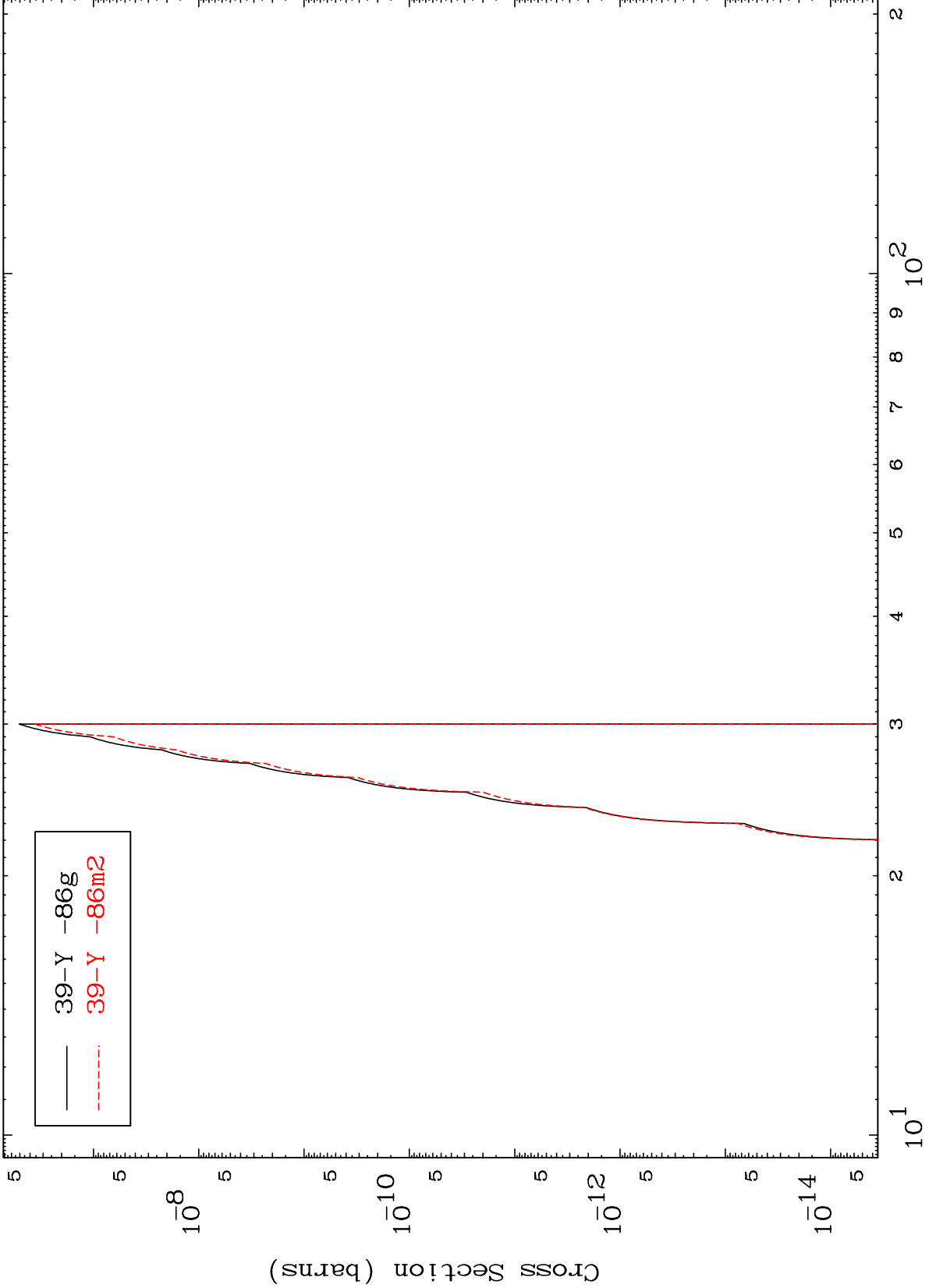
43-Tc-94

MAT 4310

(n,n') 2α

43-Tc-94

Radionuclide Production Cross Section



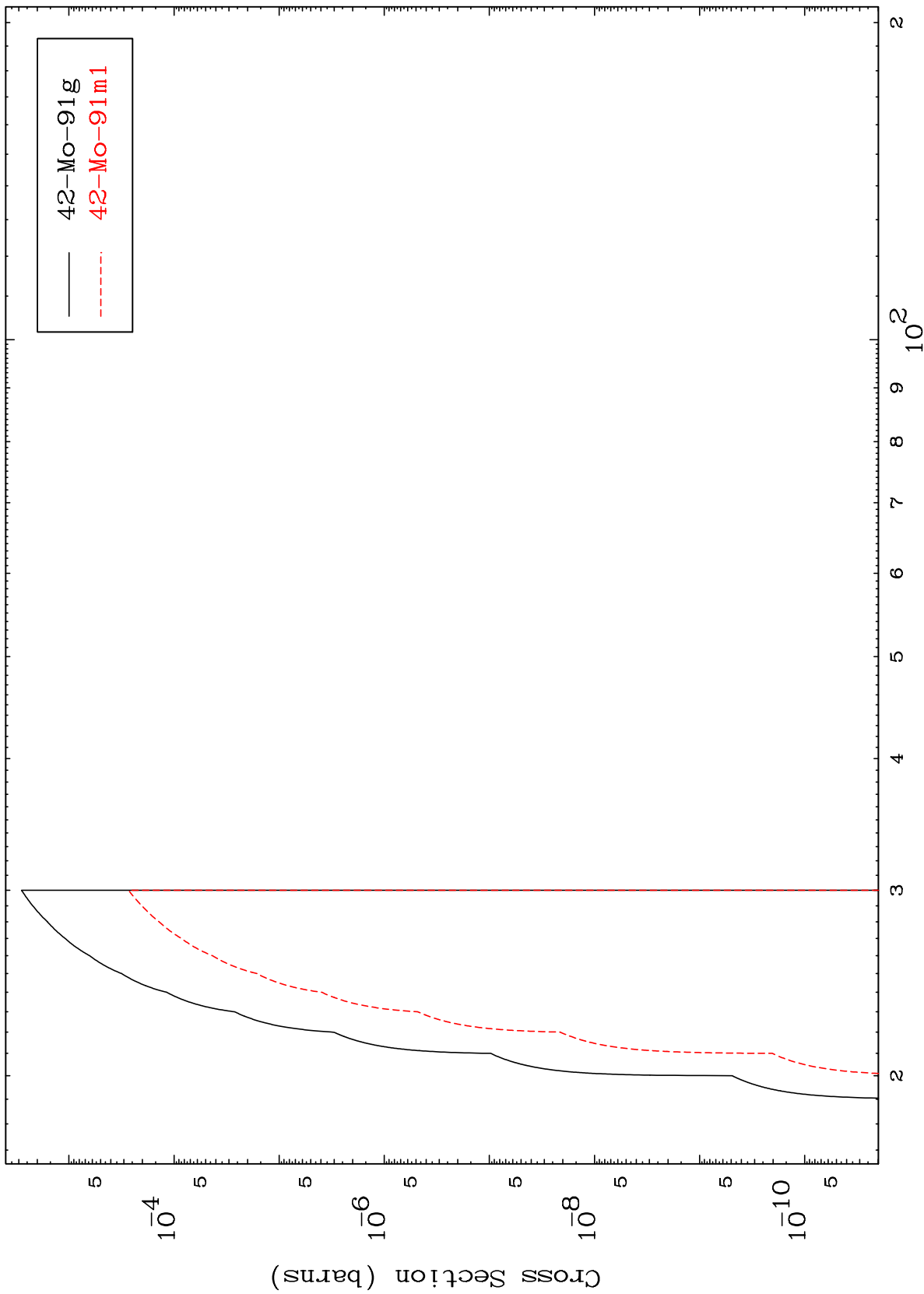
39-Y -86g
39-Y -86m2

111

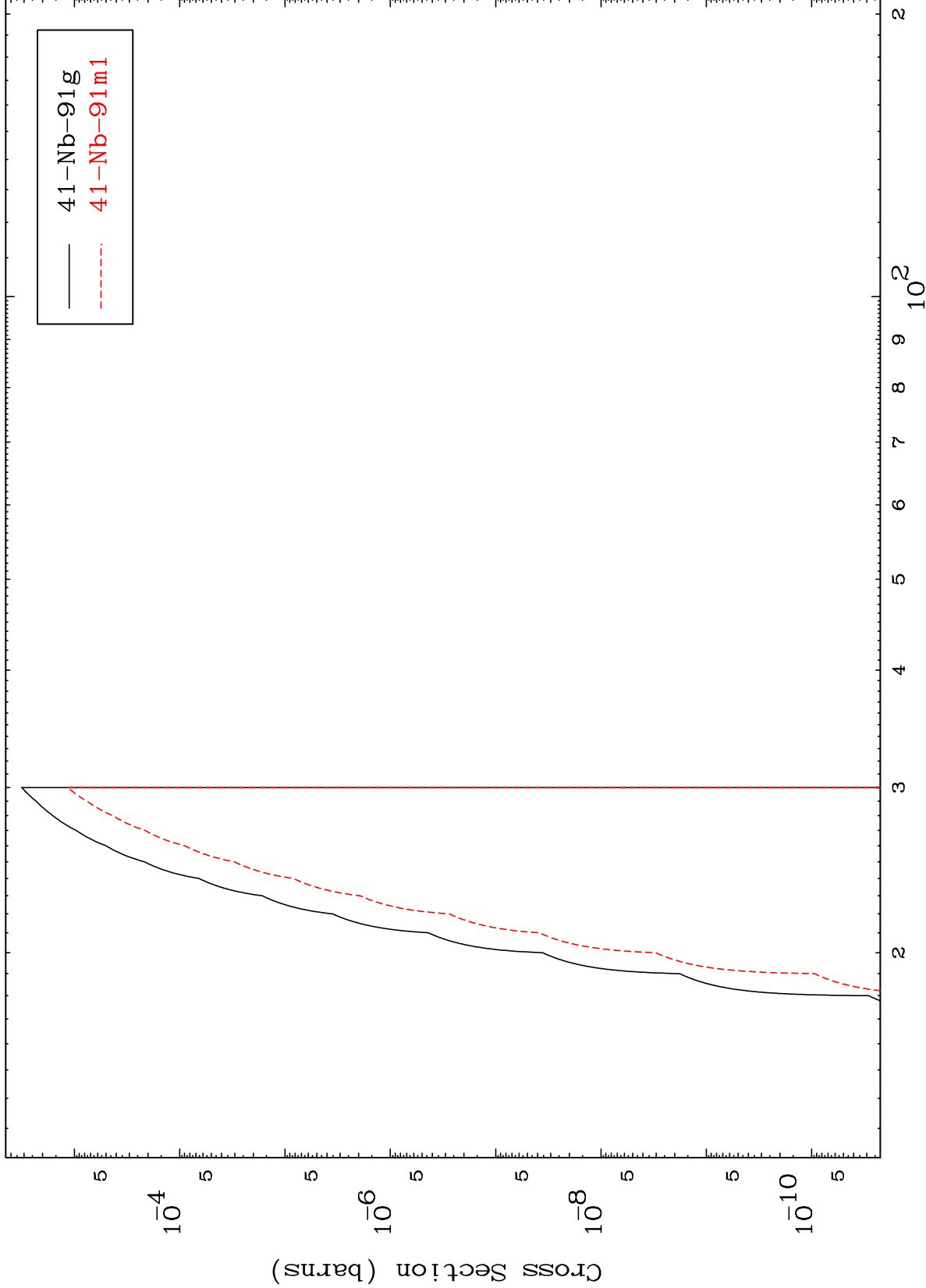
Incident Energy (MeV)

43-Tc-94

Radionuclide Production Cross Section



Radionuclide Production Cross Section



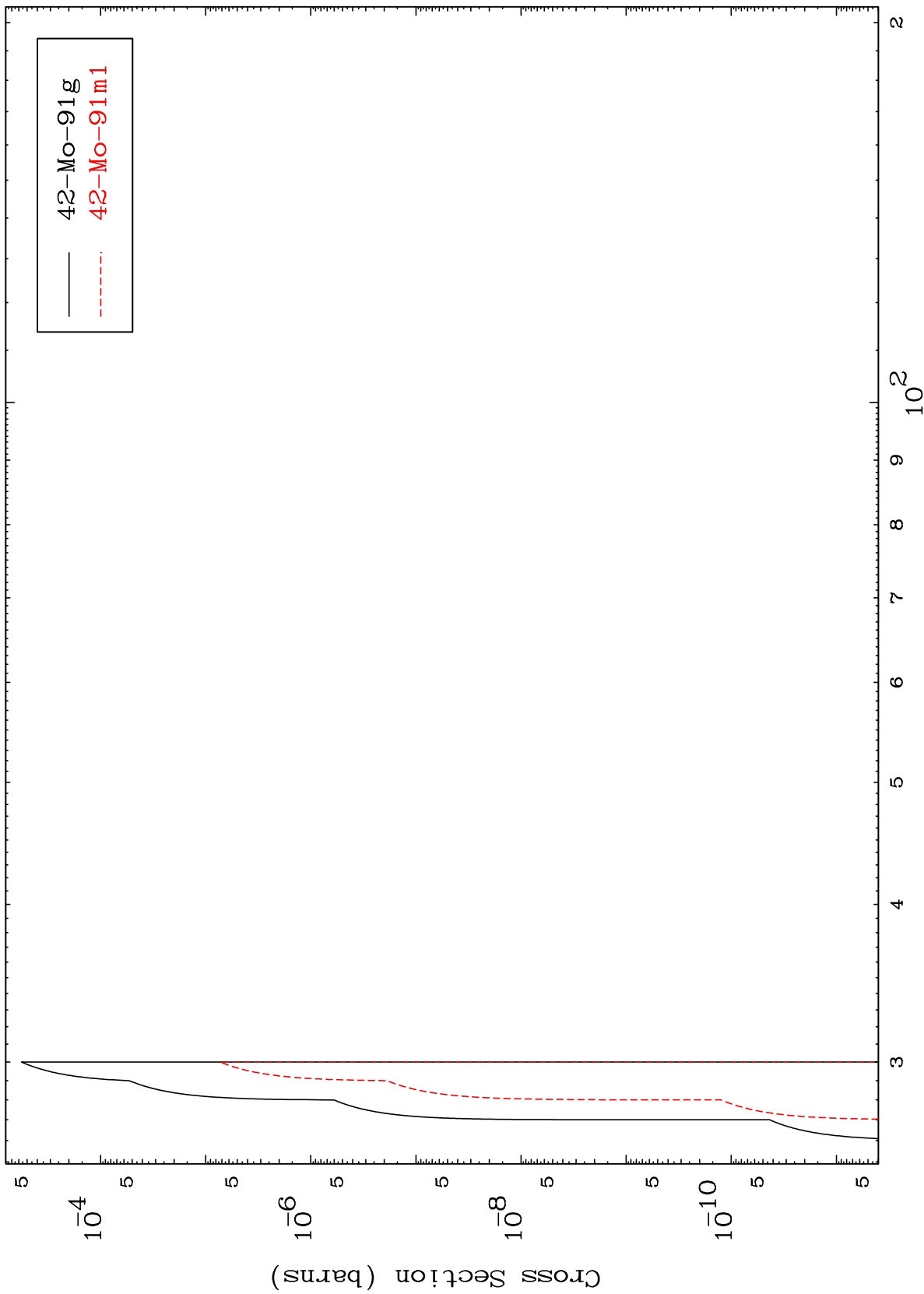
41-Nb-91g
41-Nb-91m1

MAT 4310

(n,3n) p

43-Tc-94

Radionuclide Production Cross Section

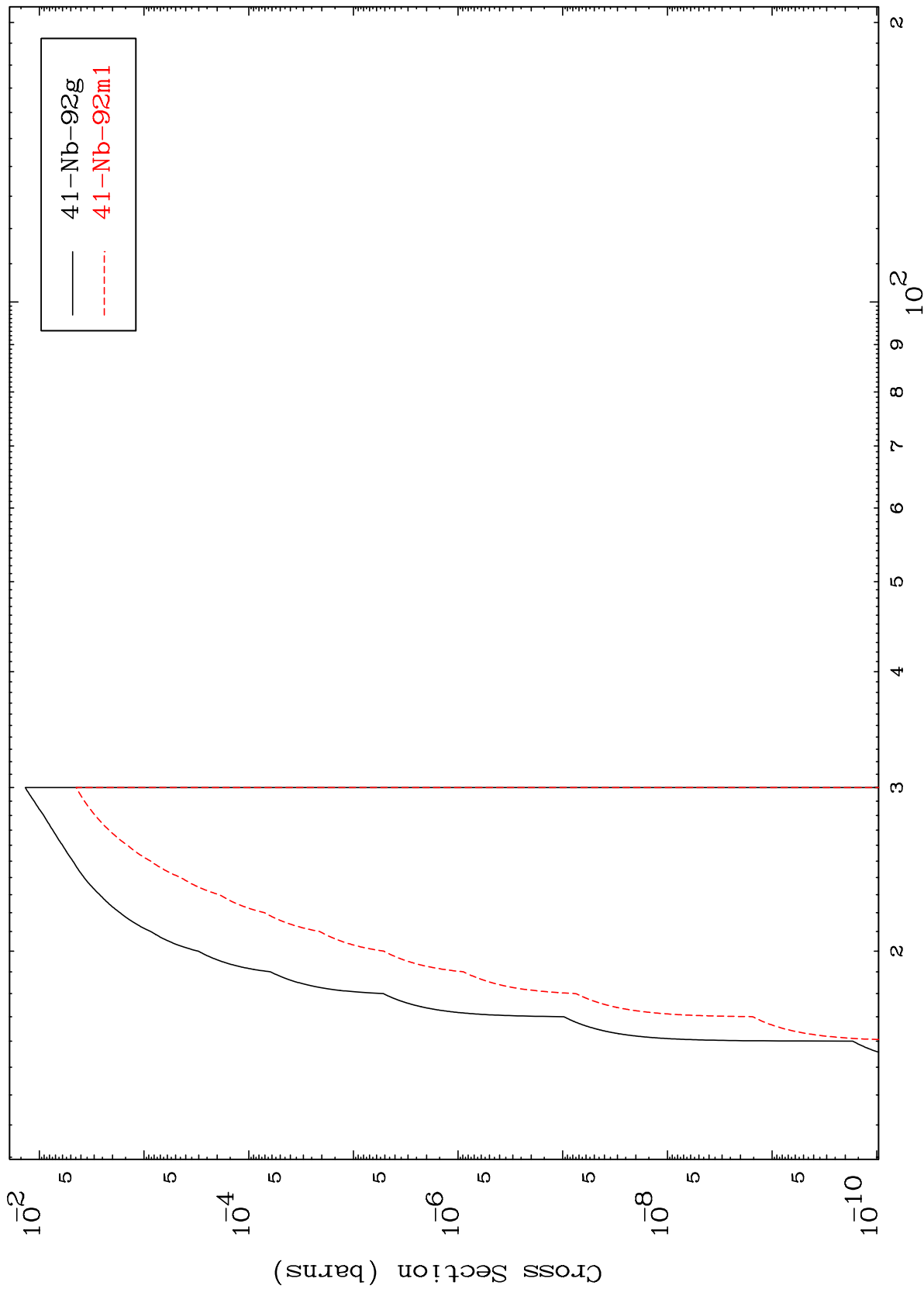


MAT 4310

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



115

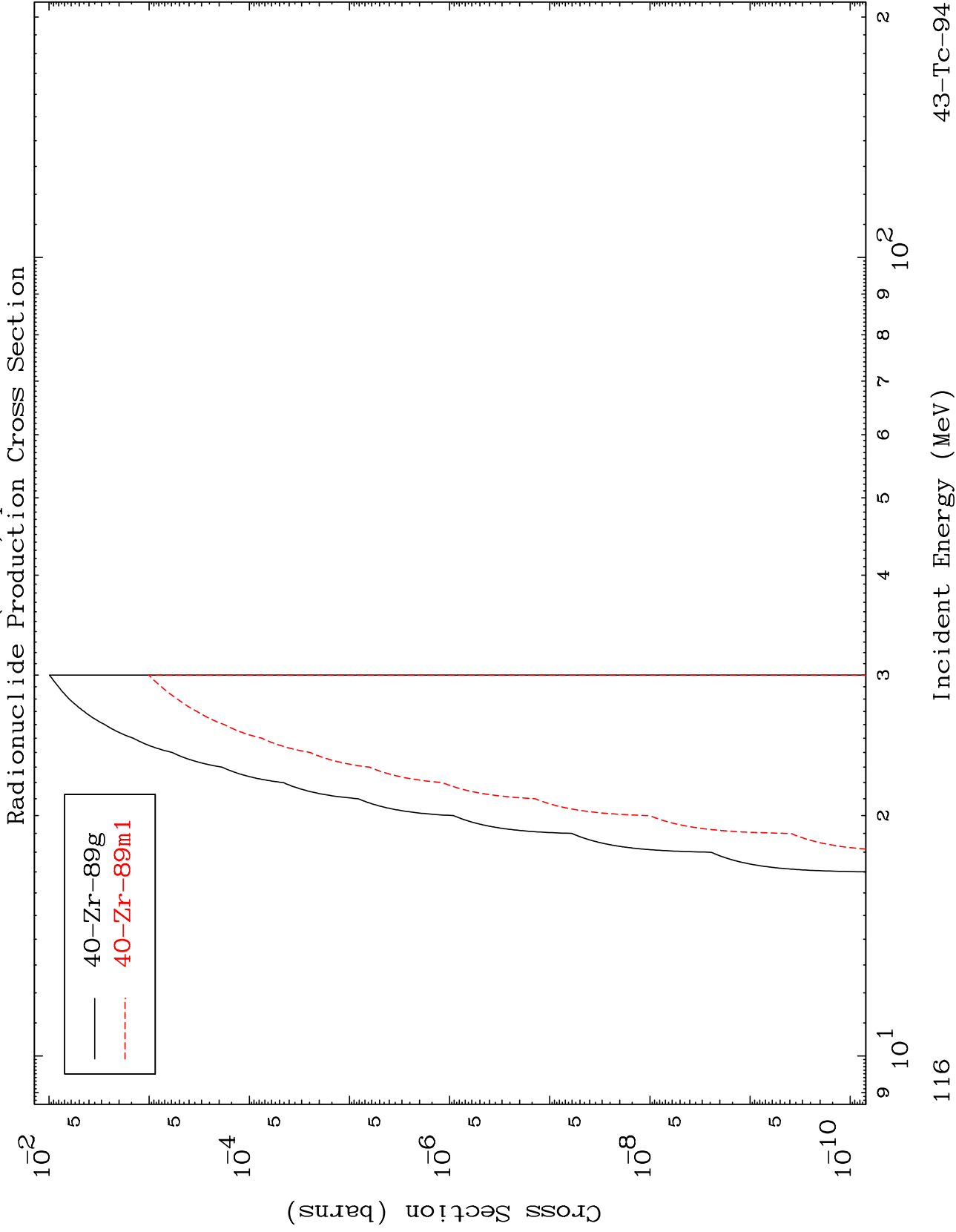
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,n') p α

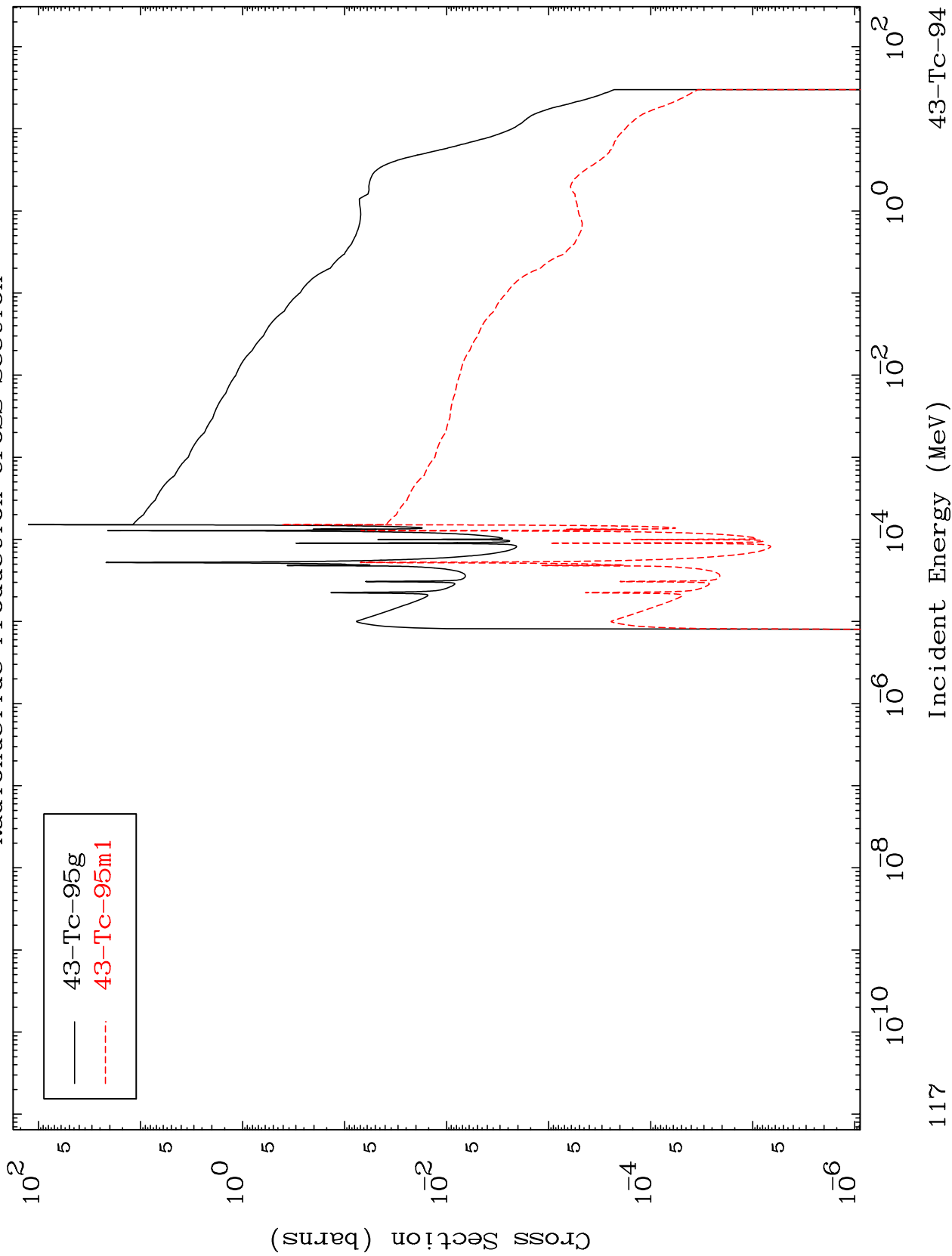
43-Tc-94



MAT 4310

43-Tc-94

Radionuclide Production Cross Section



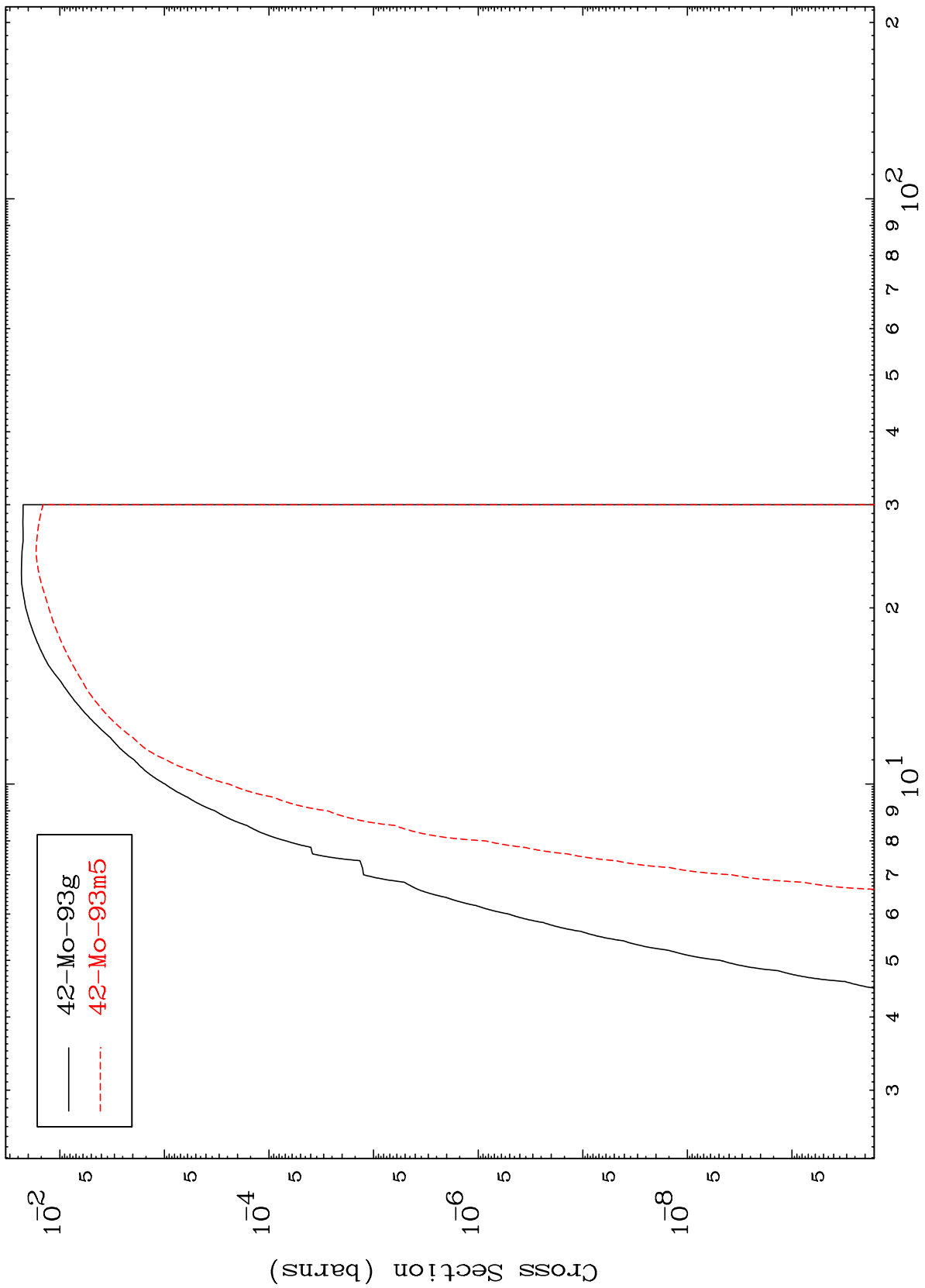
117

43-Tc-94

MAT 4310

43-Tc-94

(n,d)
Radionuclide Production Cross Section



118

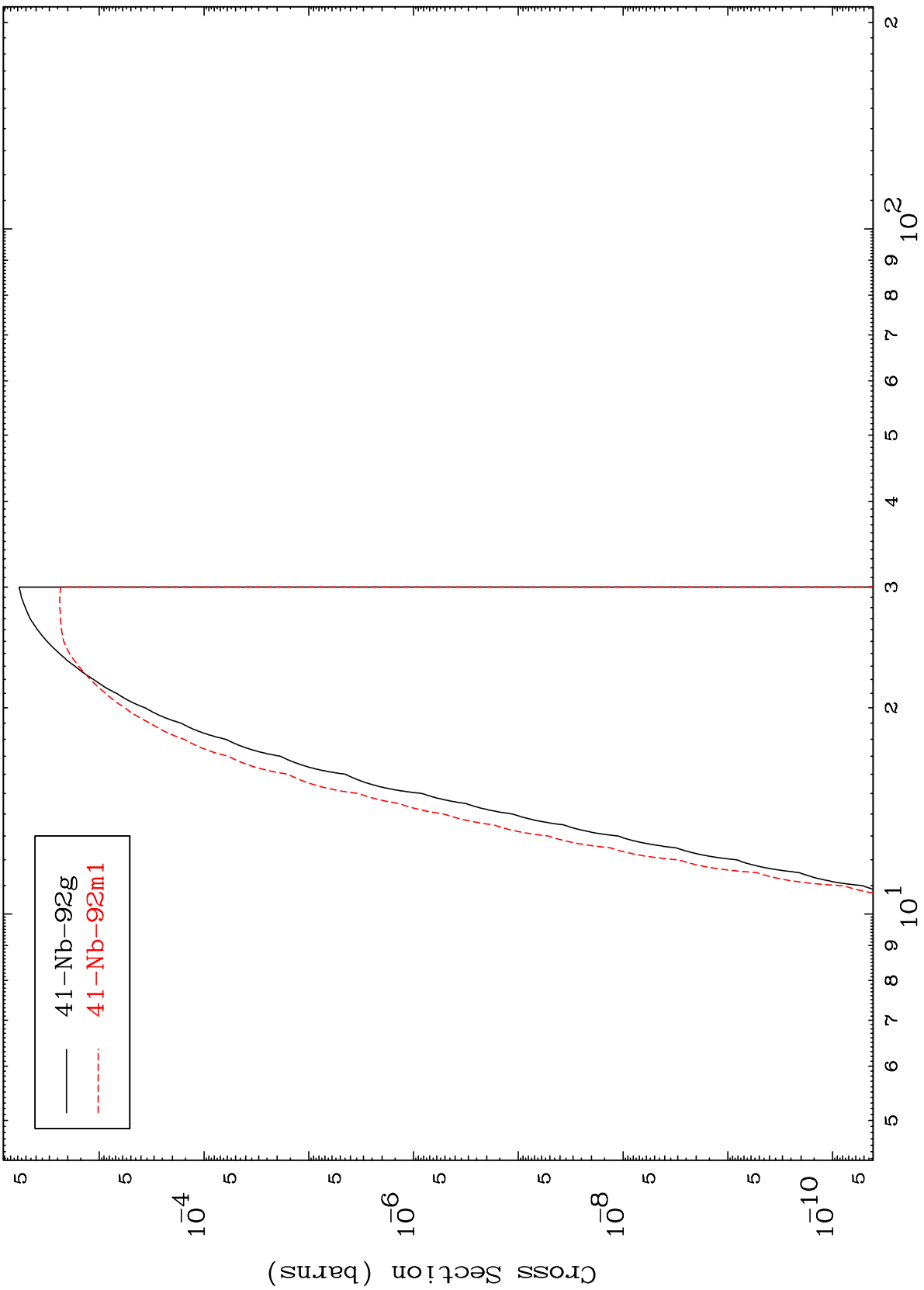
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

Radionuclide Production Cross Section
(n,He-3)



119

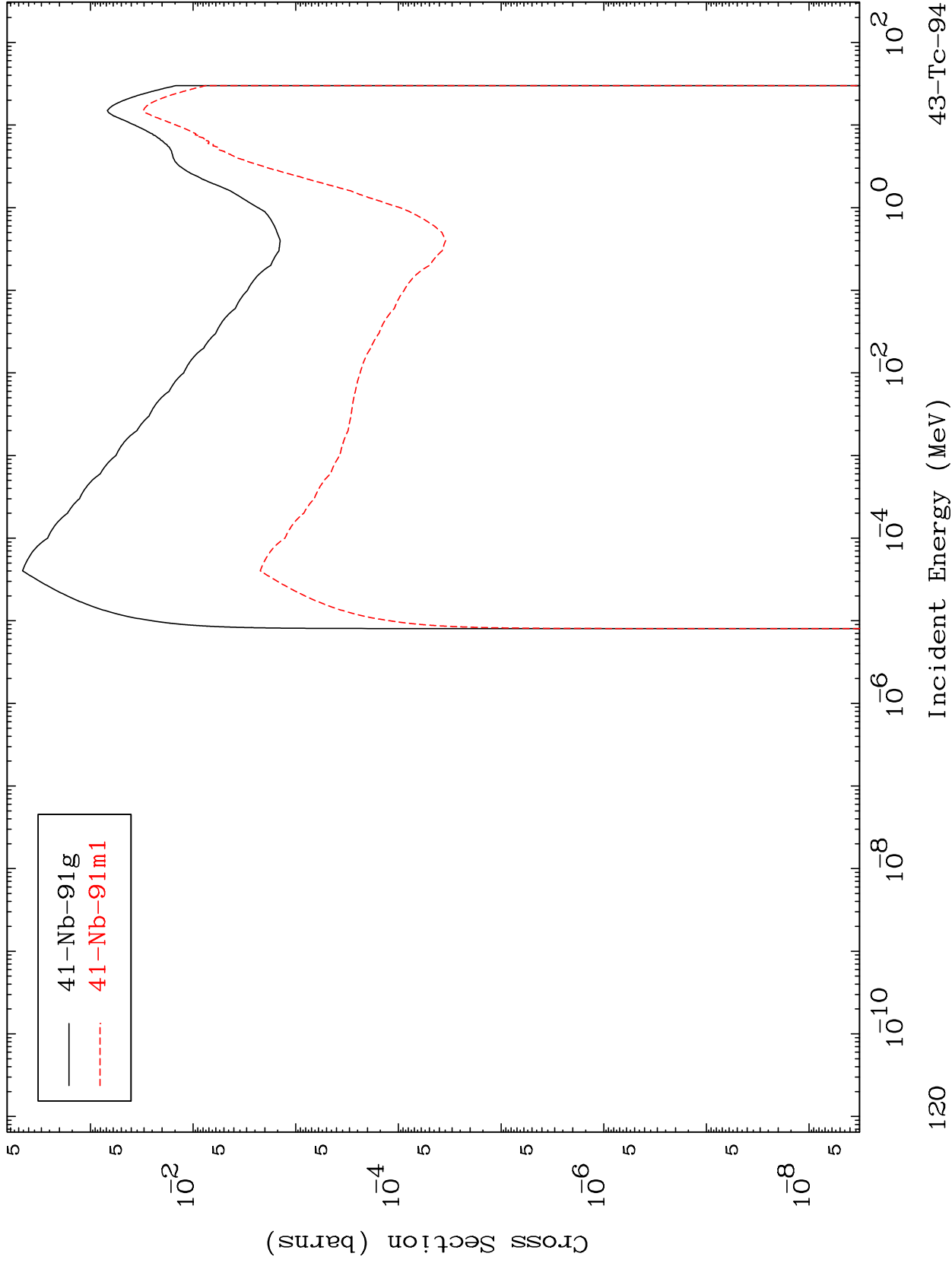
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

(n, α)
Radionuclide Production Cross Section

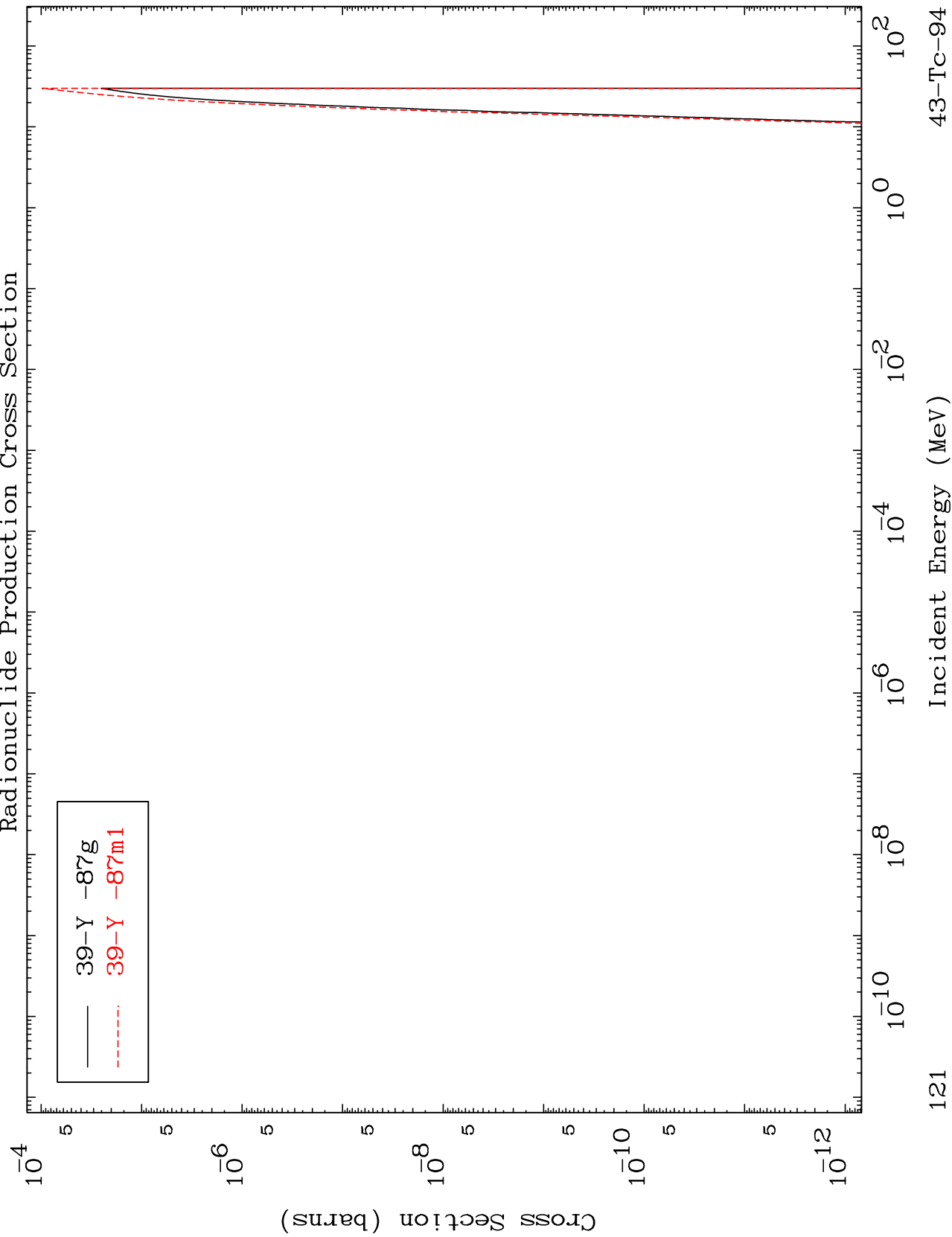


120

MAT 4310

43-Tc-94

(n,2α)
Radionuclide Production Cross Section

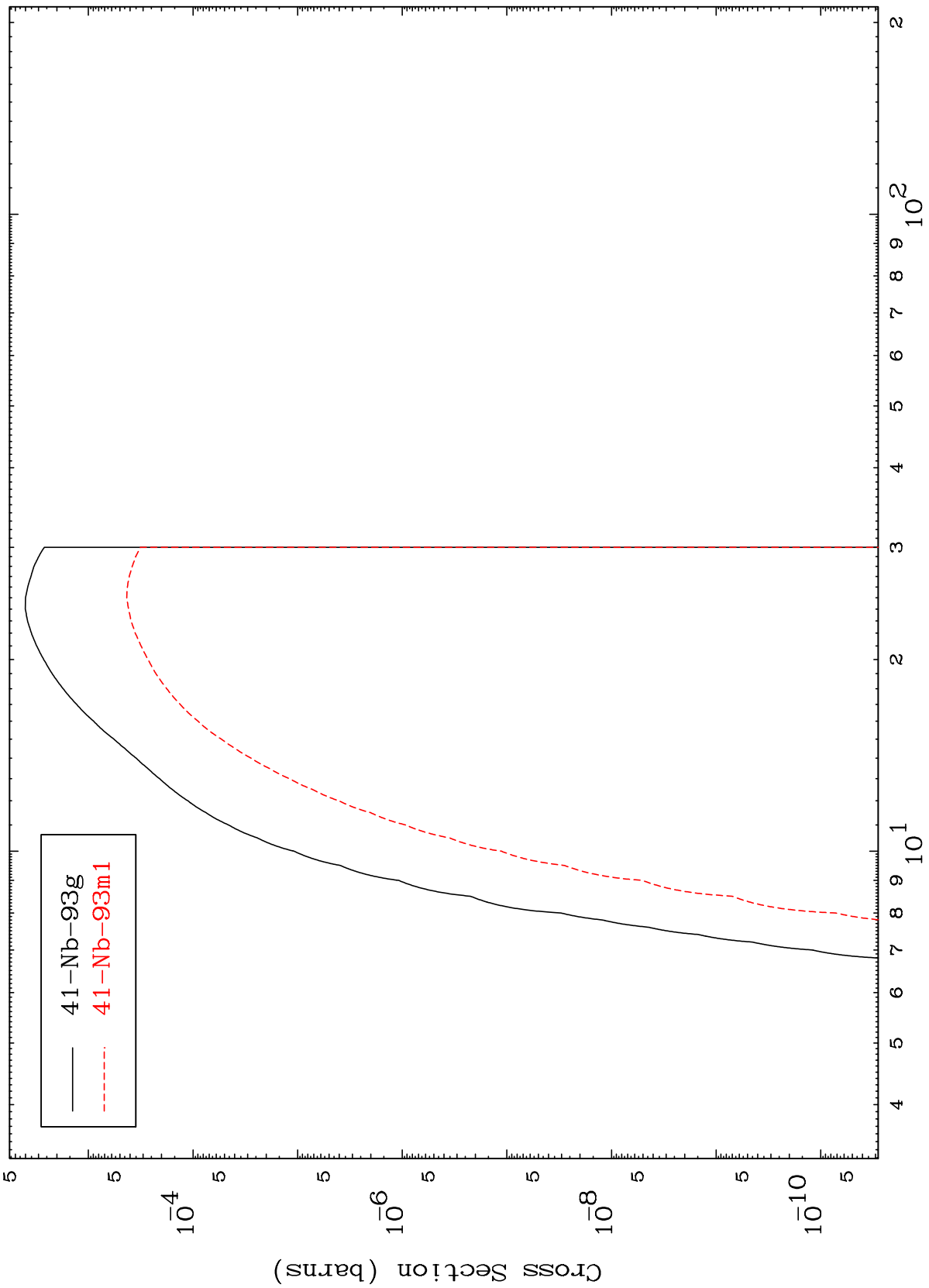


— 39-Y -87g
- - - 39-Y -87m1

MAT 4310

43-Tc-94

(n,2p)
Radionuclide Production Cross Section



43-Tc-94

Incident Energy (MeV)

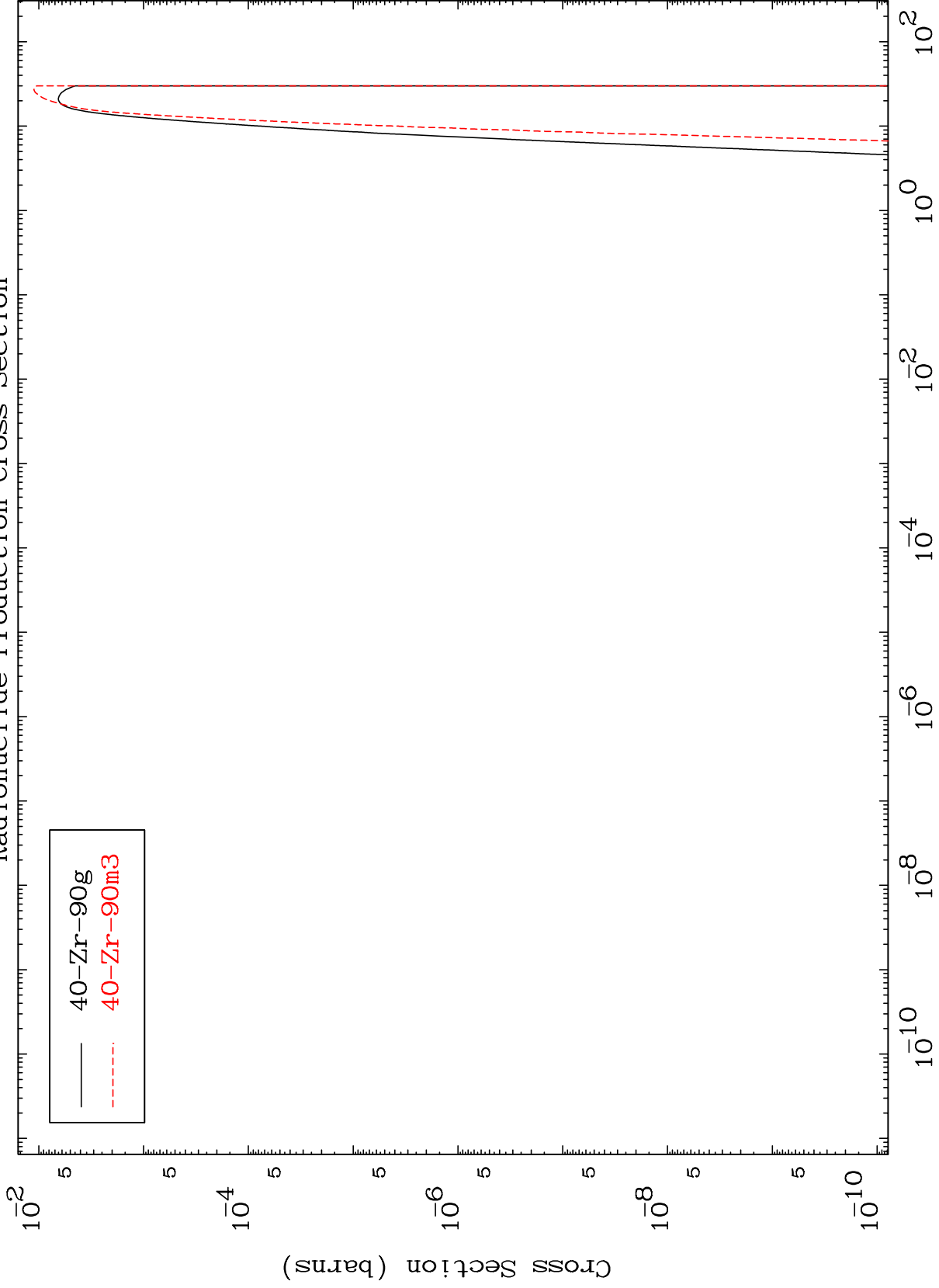
122

MAT 4310

(n,p) α

43-Tc-94

Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

Incident Energy (MeV)

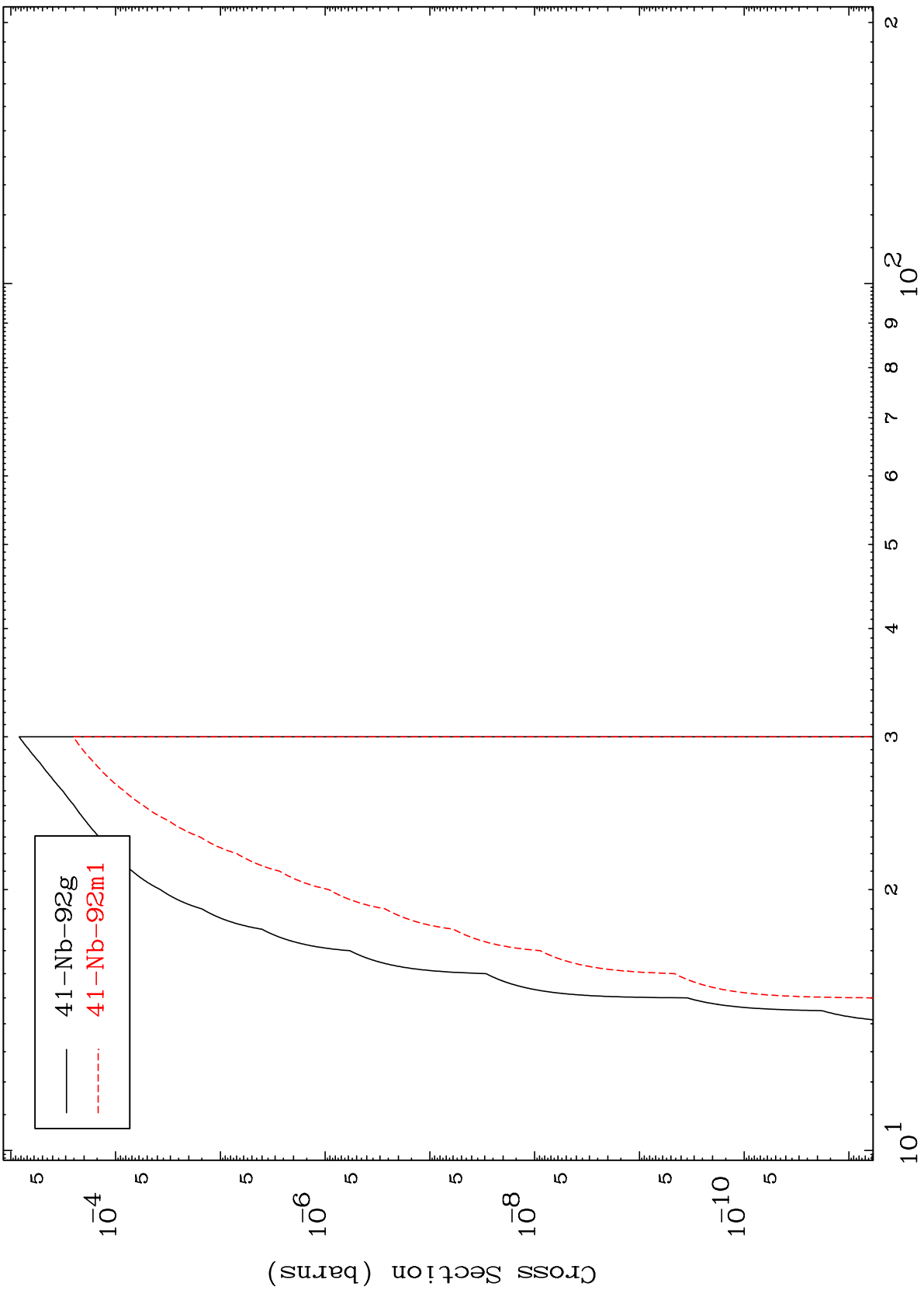
43-Tc-94

MAT 4310

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

Incident Energy (MeV)

43-Tc-94

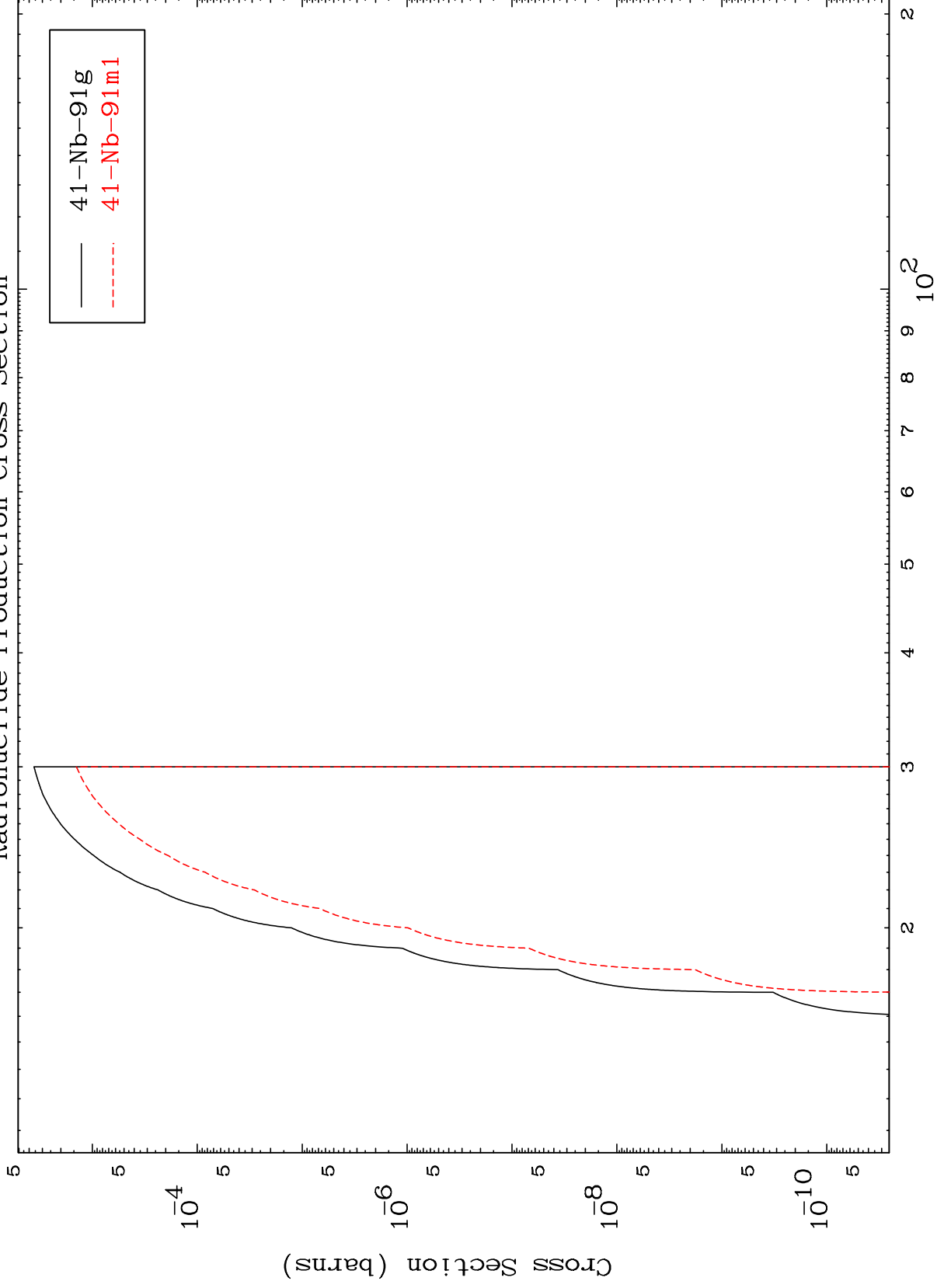
124

MAT 4310

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



125

Incident Energy (MeV)

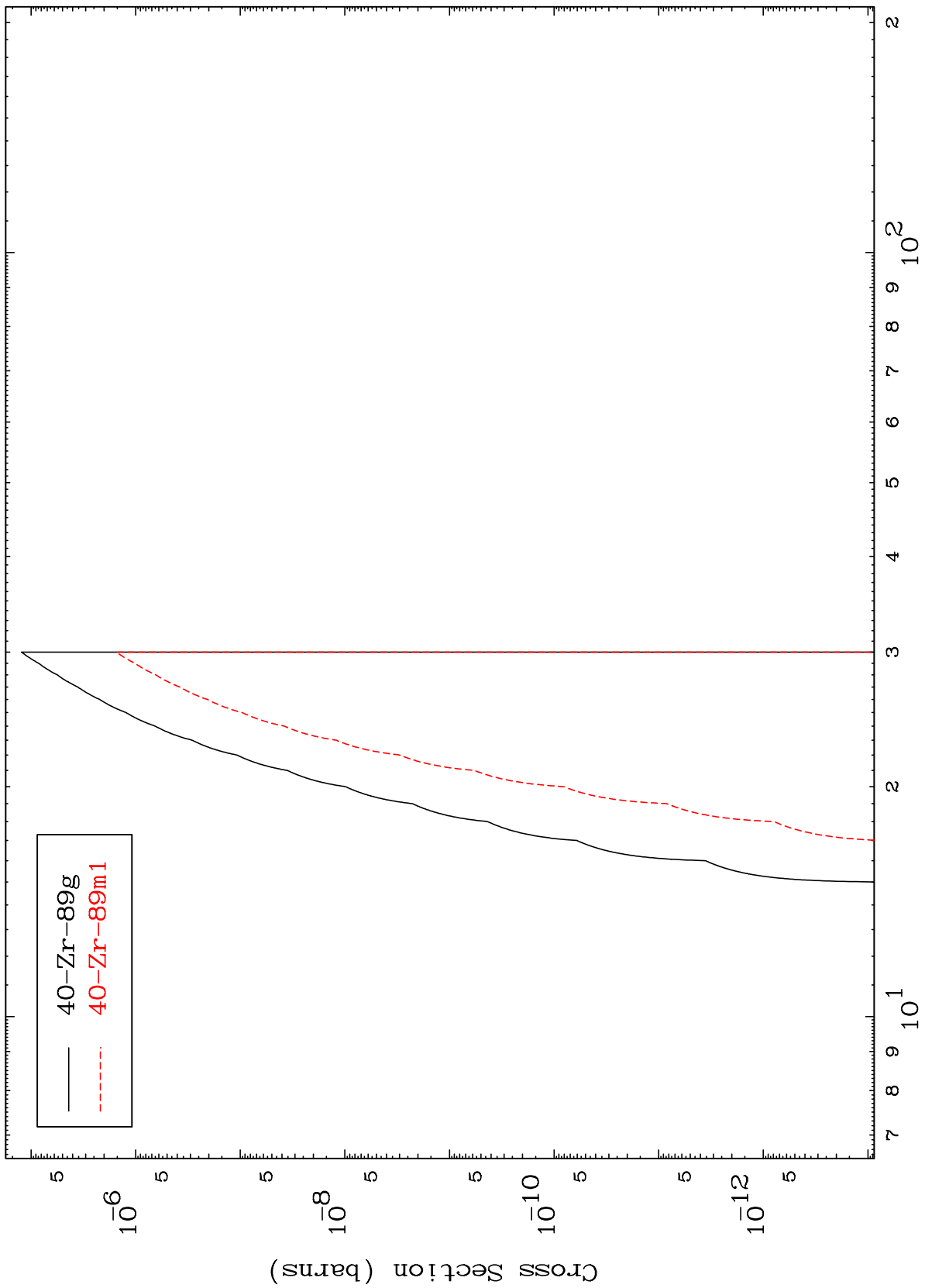
43-Tc-94

MAT 4310

(n,d) α

43-Tc-94

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

126

Incident Energy (MeV)

43-Tc-94