

Program EVALPLOT
(Version 2017-1)

by

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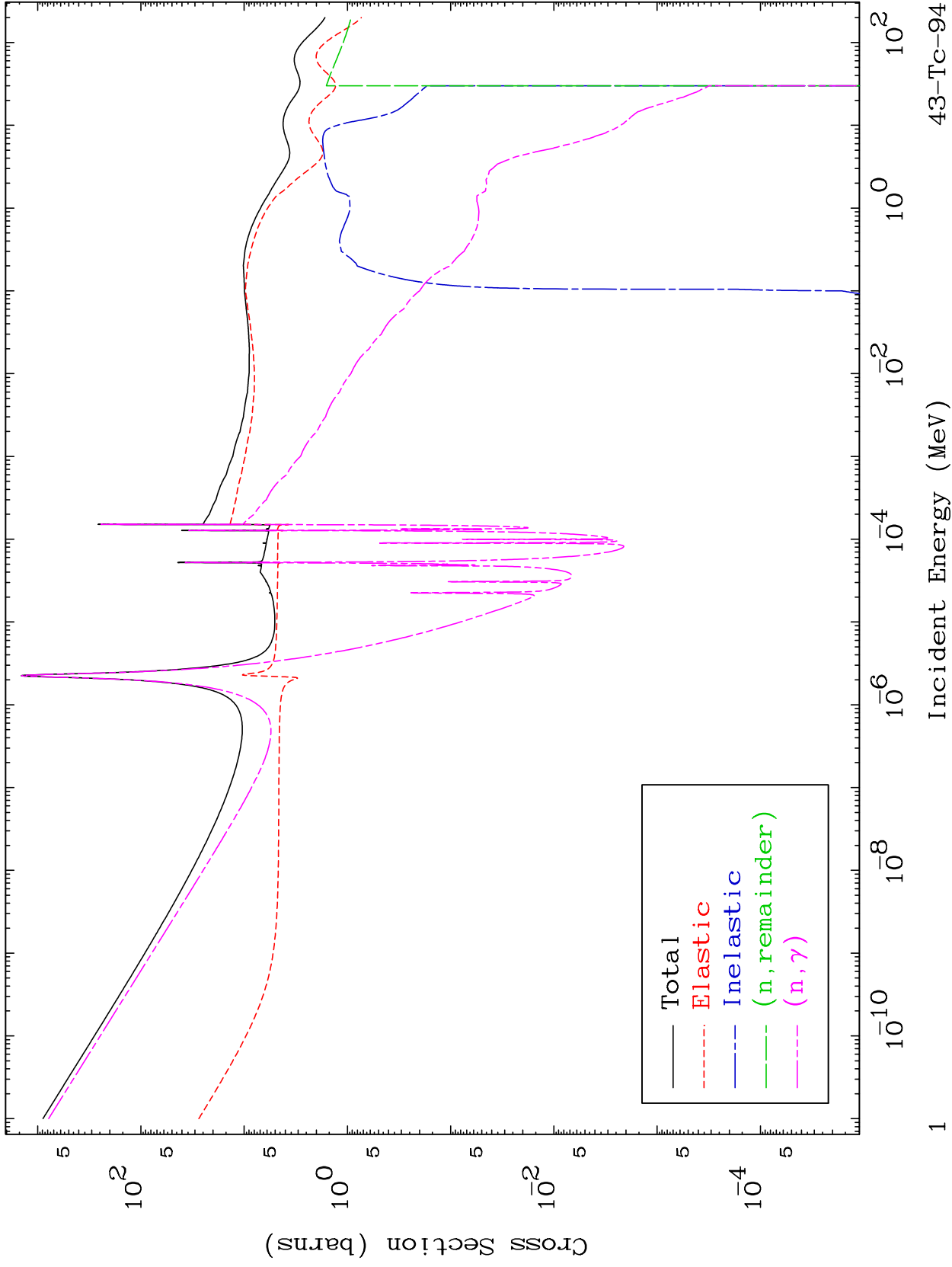
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Press Mouse Button to Start

MAT 4310

Major
293 Kelvin Cross Sections

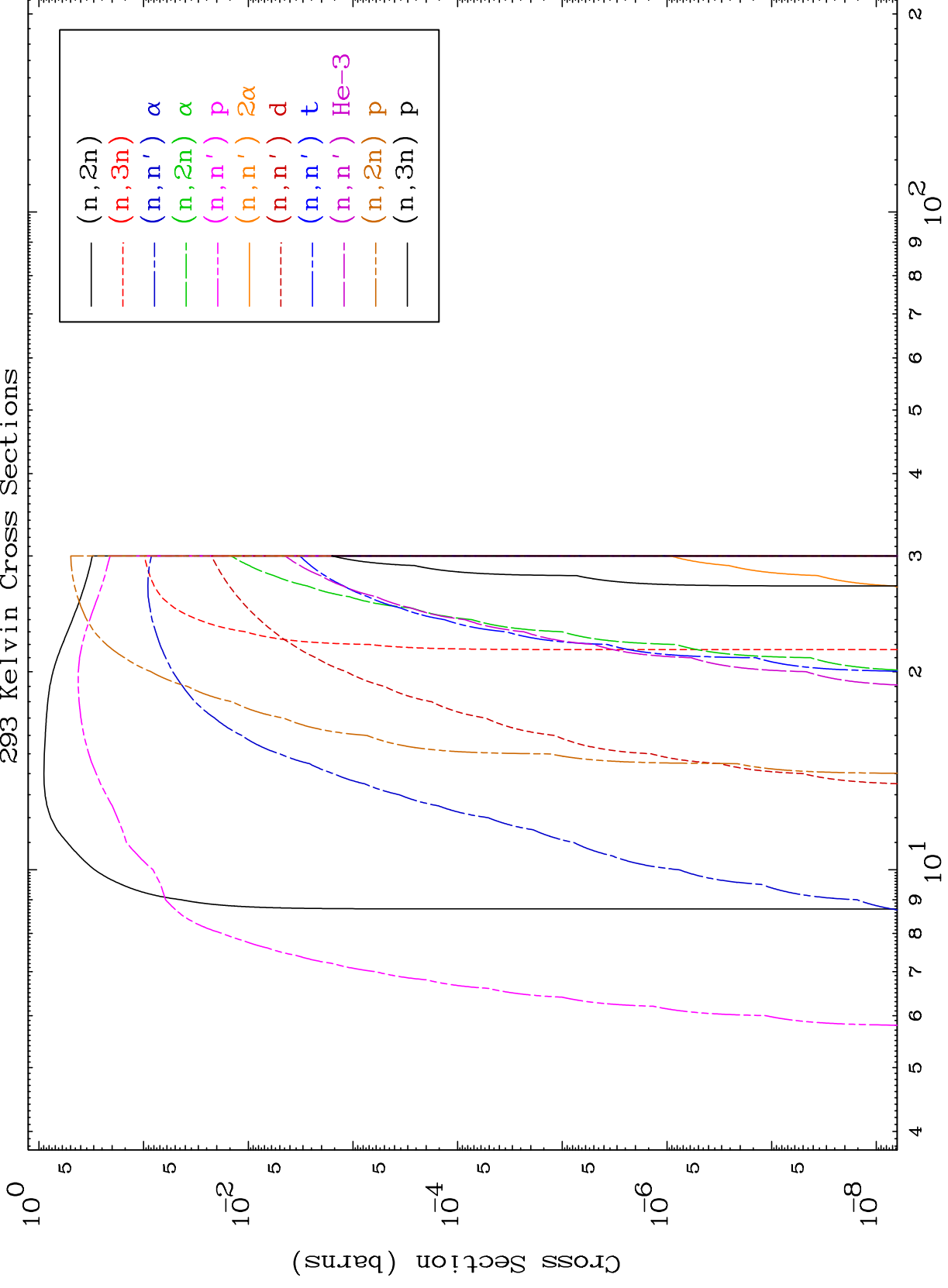
43-Tc-94



MAT 4310

Neutron Production
293 Kelvin Cross Sections

43-Tc-94



2

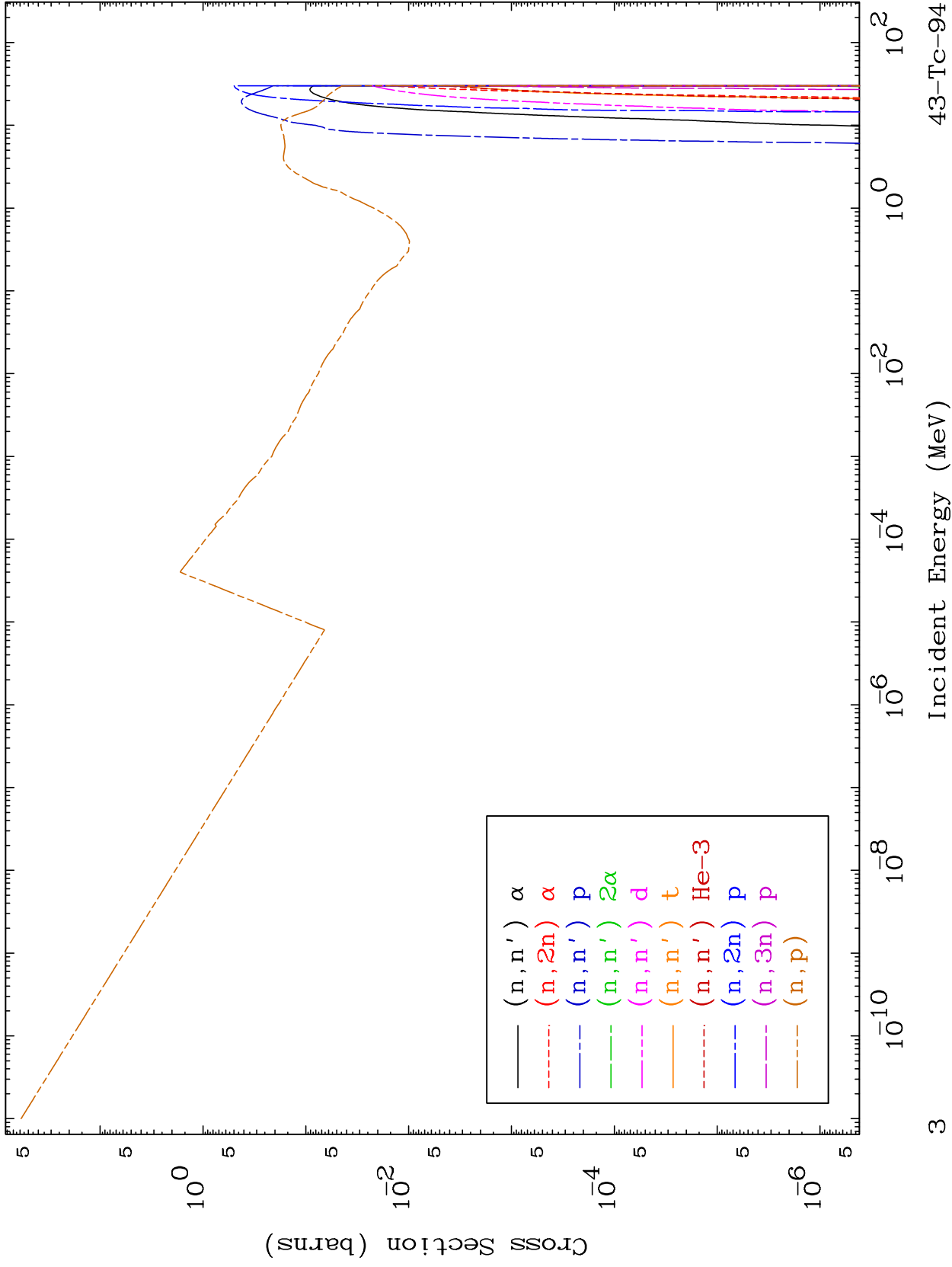
Incident Energy (MeV)

43-Tc-94

MAT 4310

Charged Particle
293 Kelvin Cross Sections

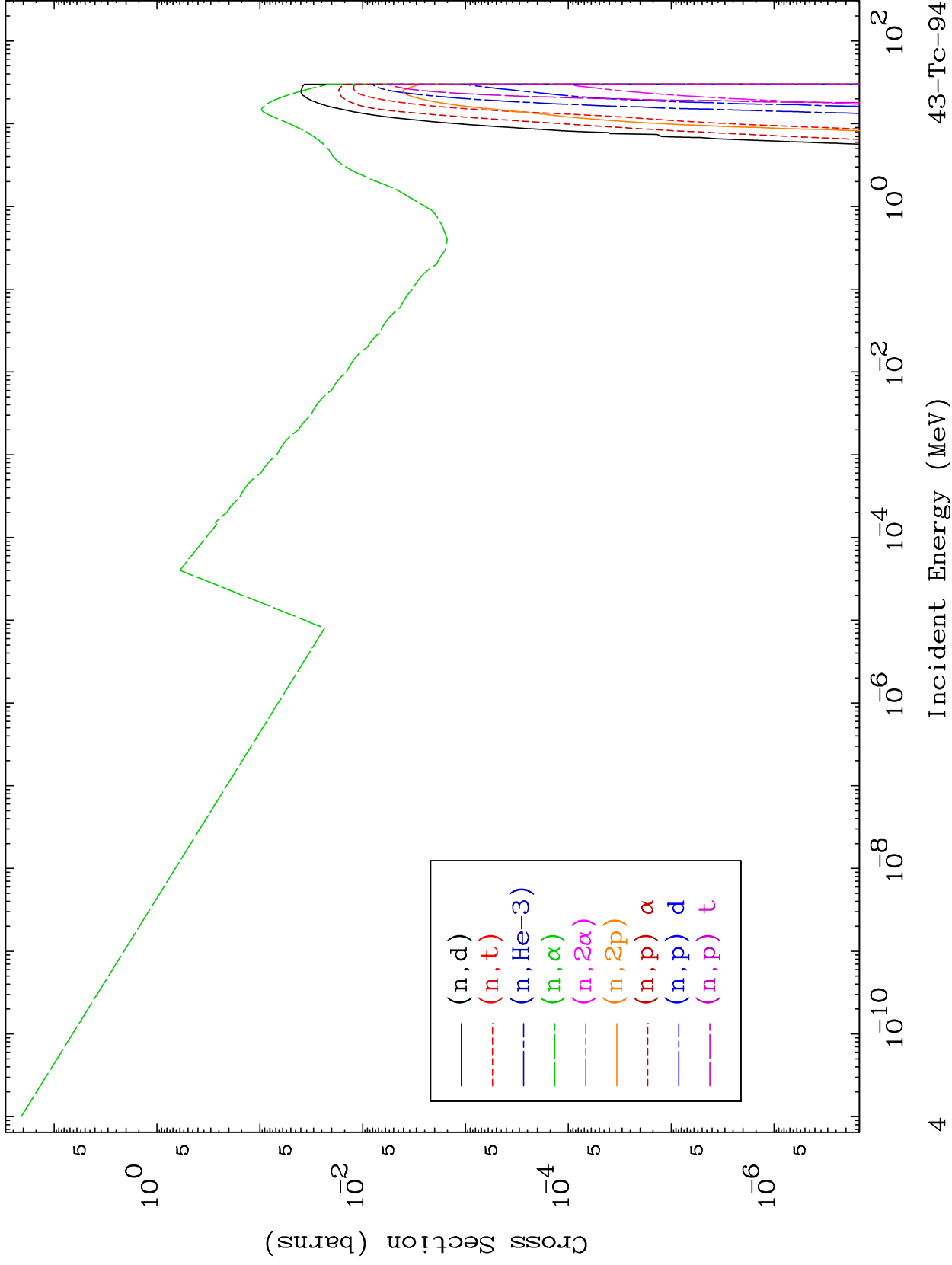
43-Tc-94



MAT 4310

Charged Particle
293 Kelvin Cross Sections

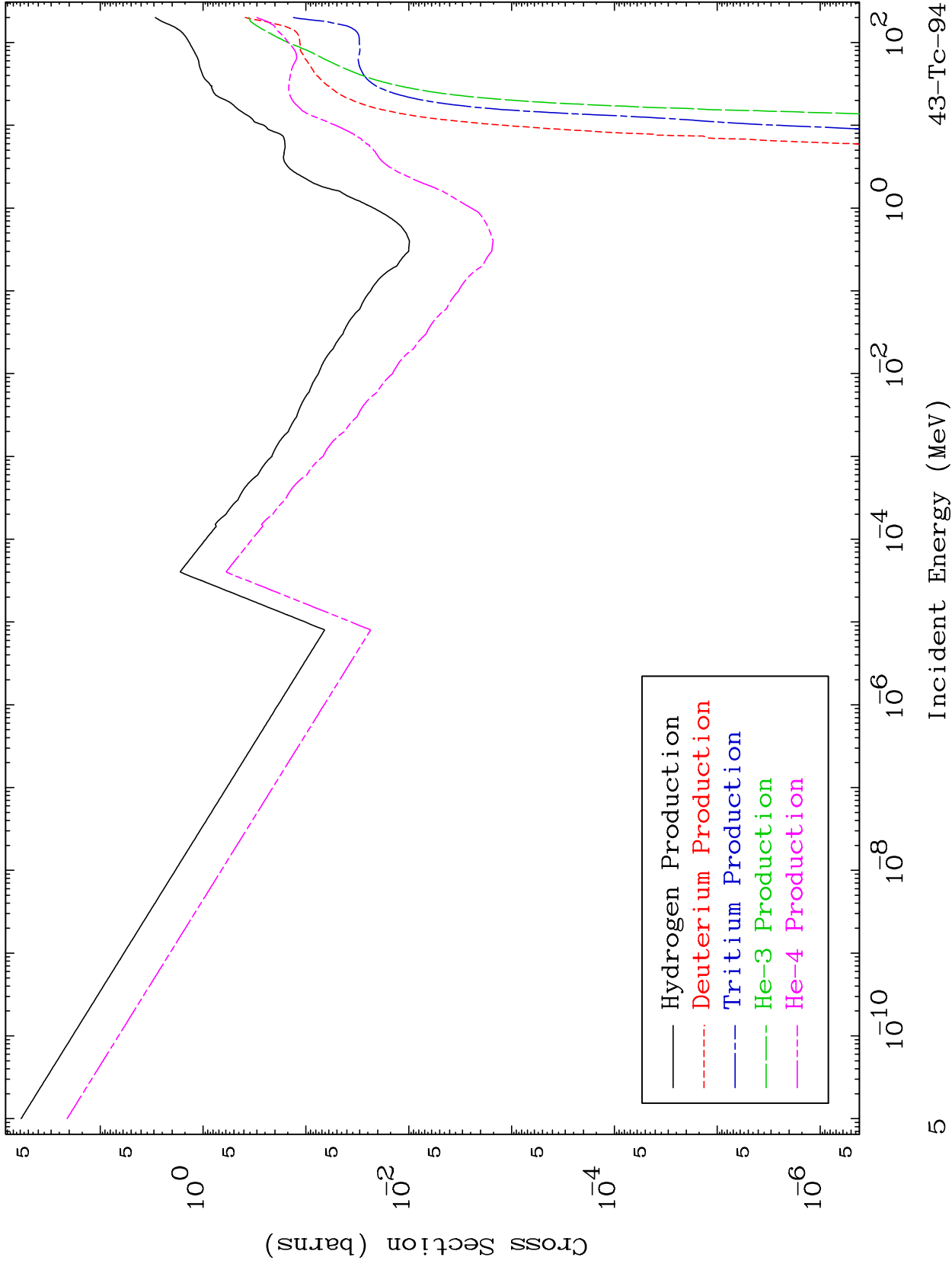
43-Tc-94



MAT 4310

Particle Production
293 Kelvin Cross Sections

43-Tc-94

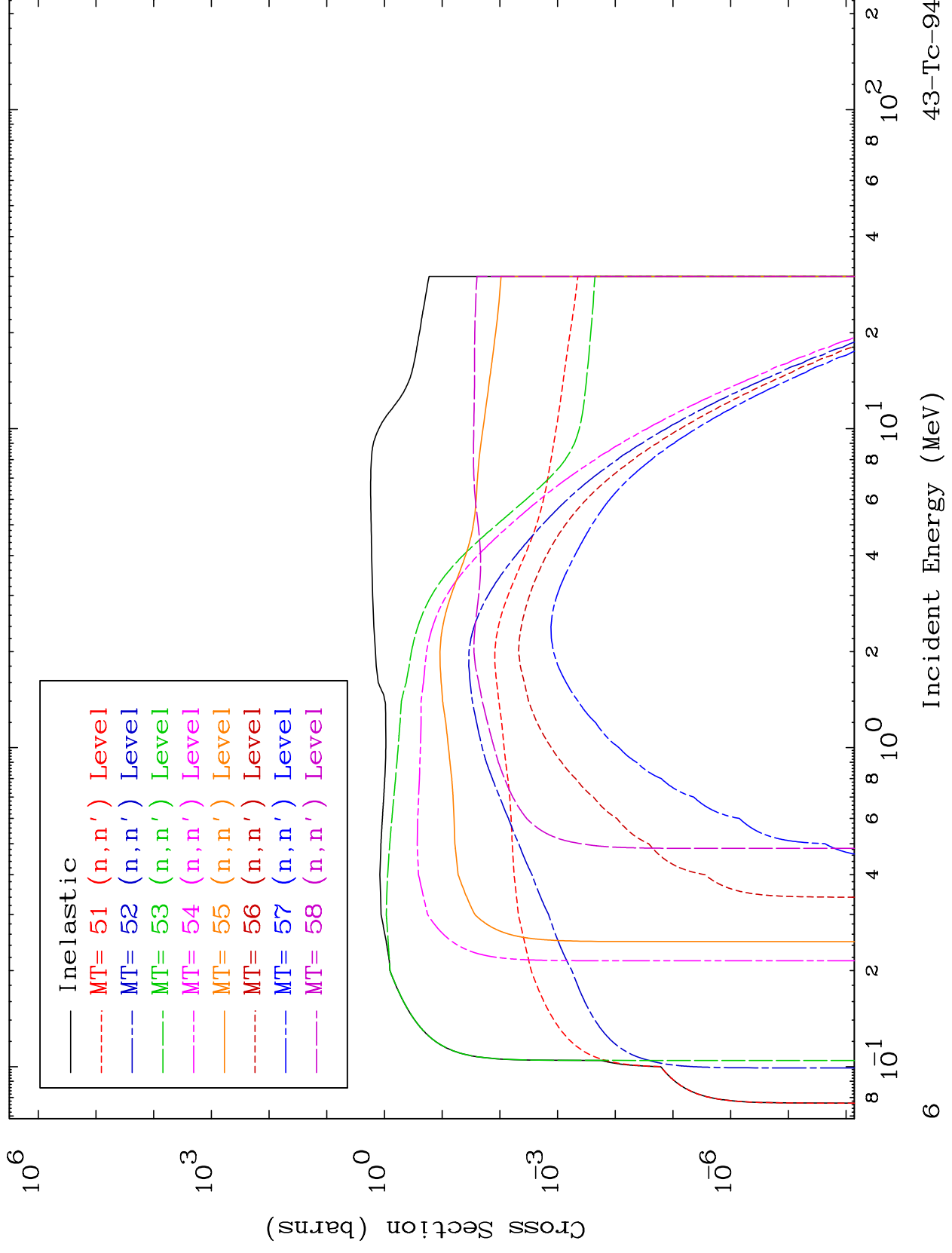


MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections

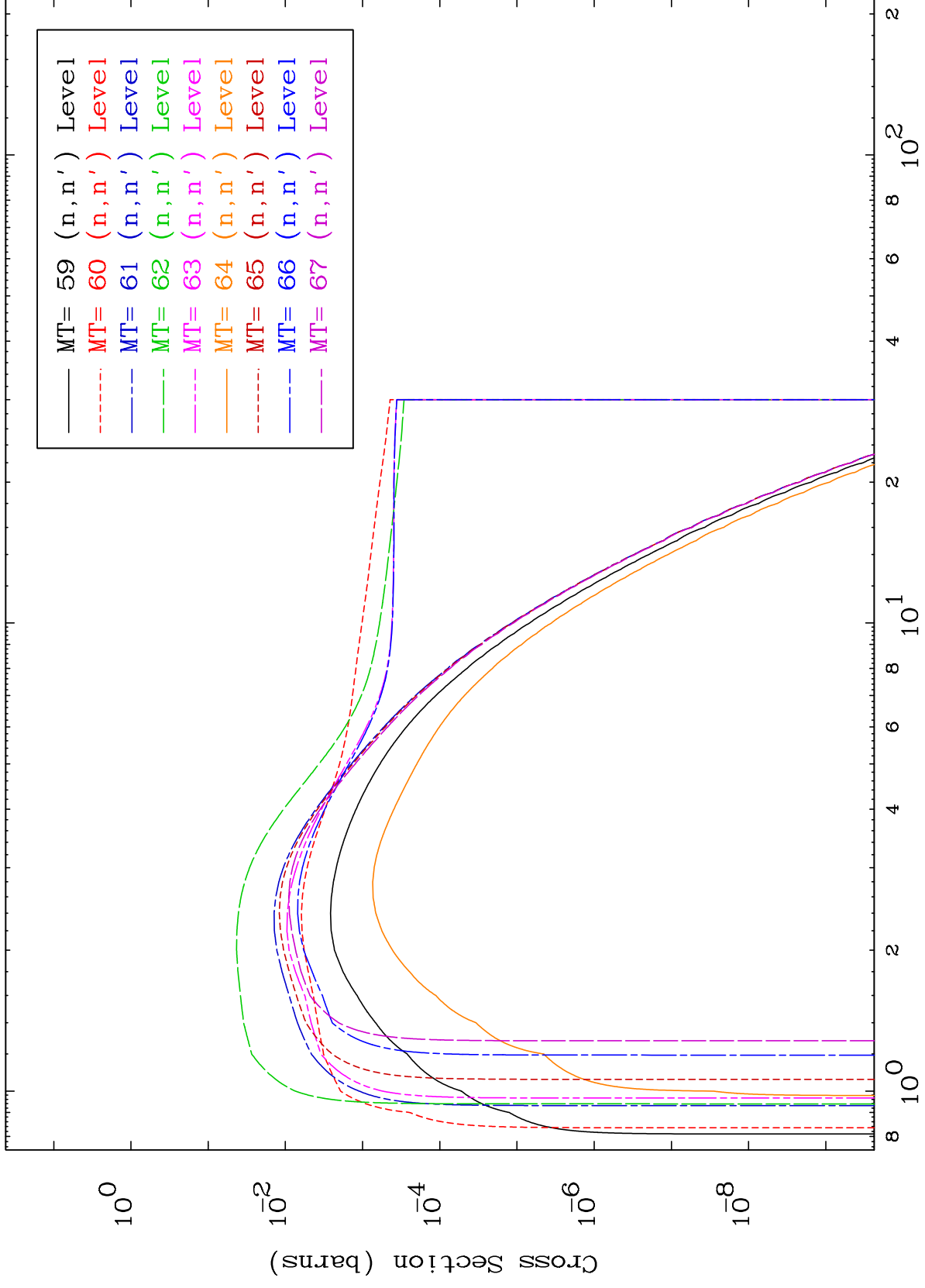


MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



Incident Energy (MeV)

43-Tc-94

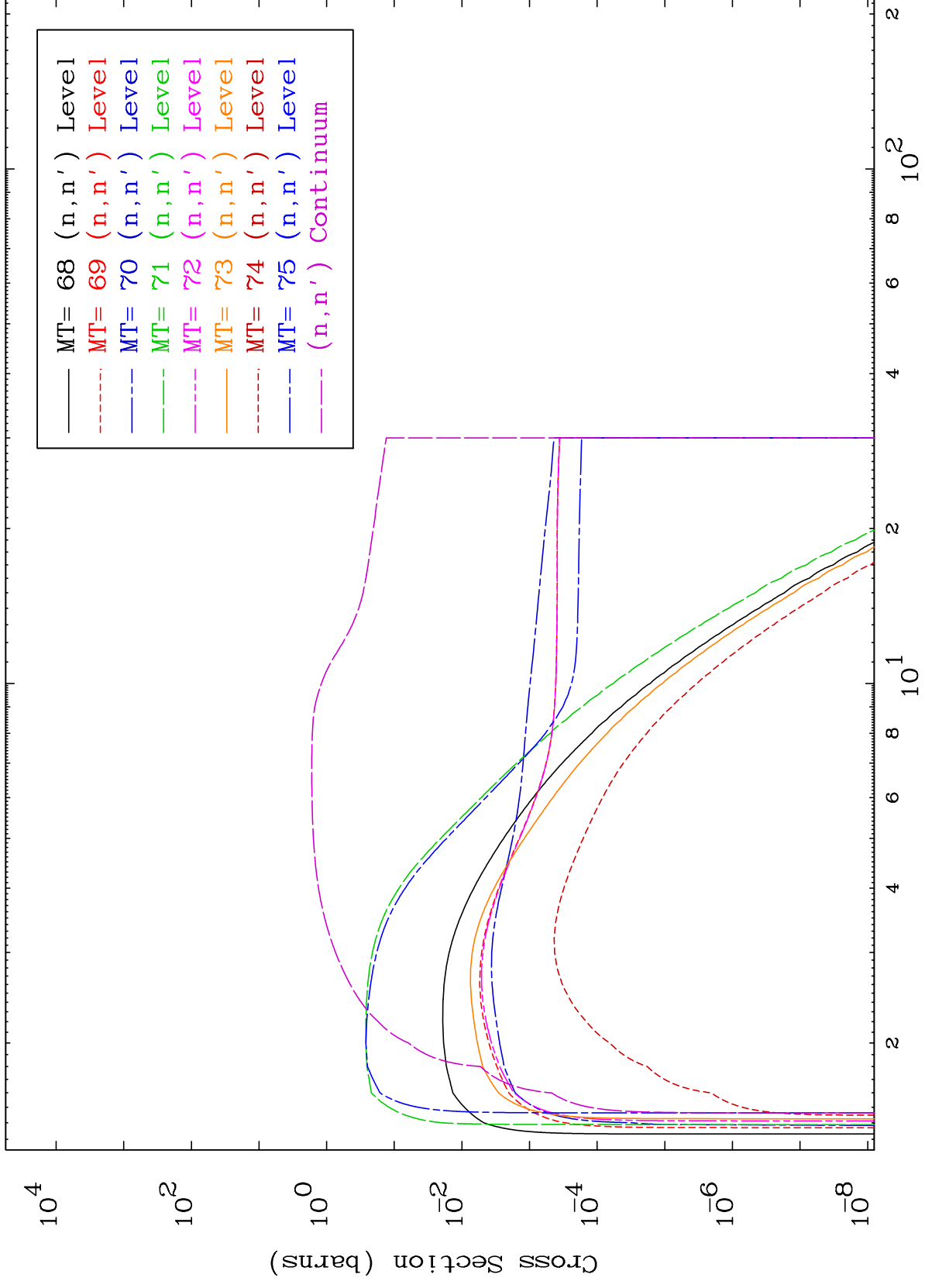
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MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



8

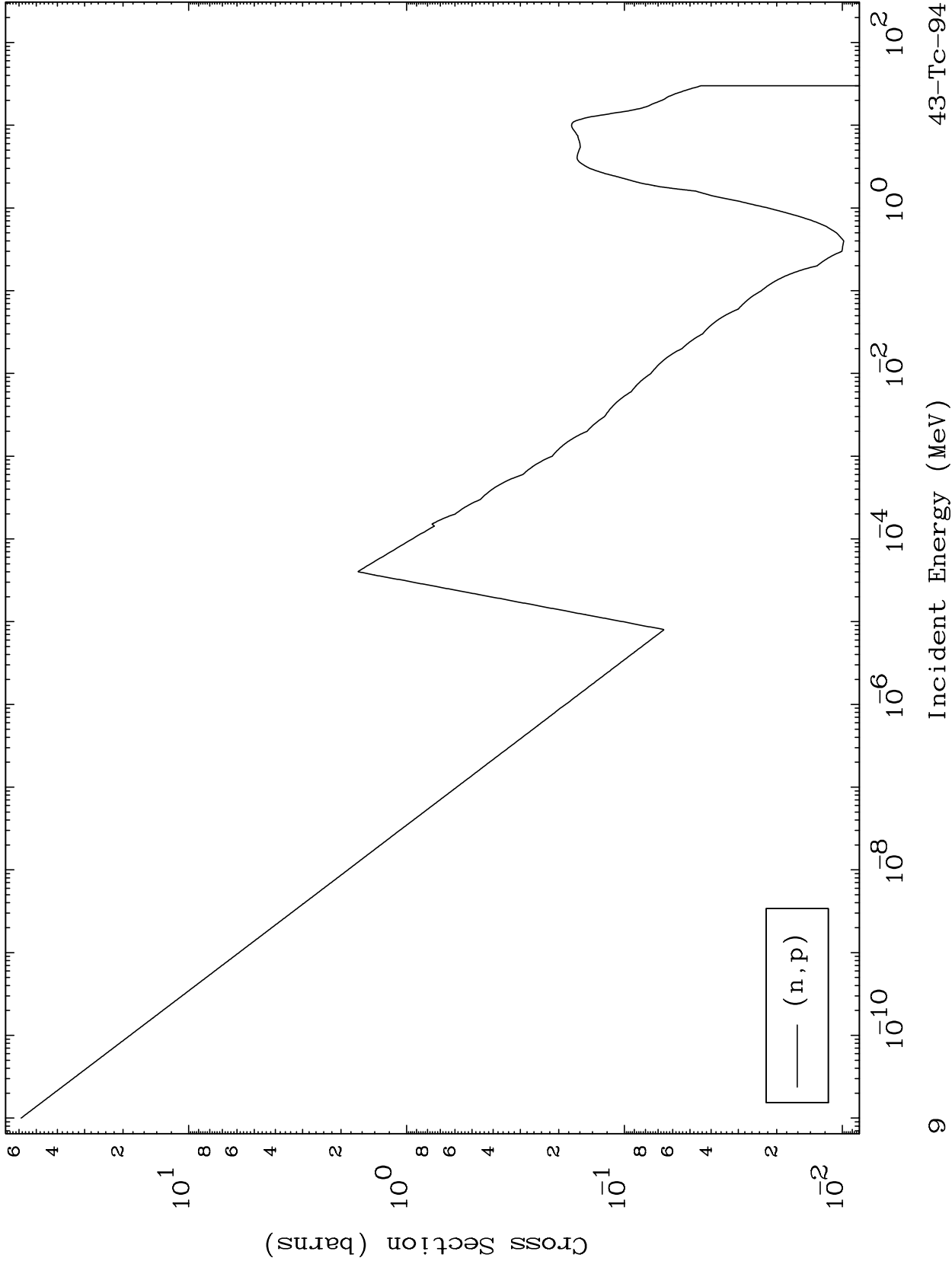
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,p) Levels
293 Kelvin Cross Sections

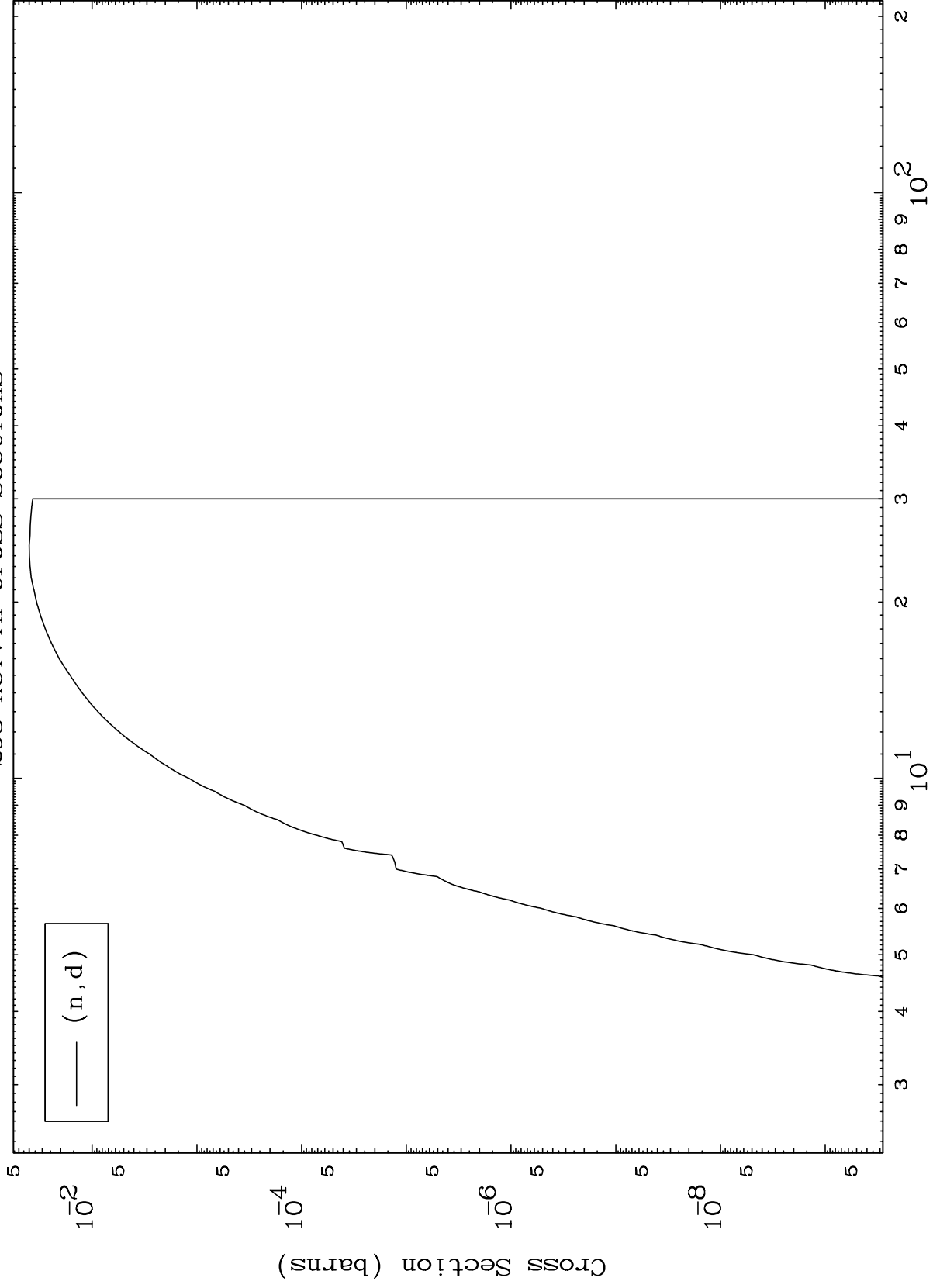
43-Tc-94



MAT 4310

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94



10

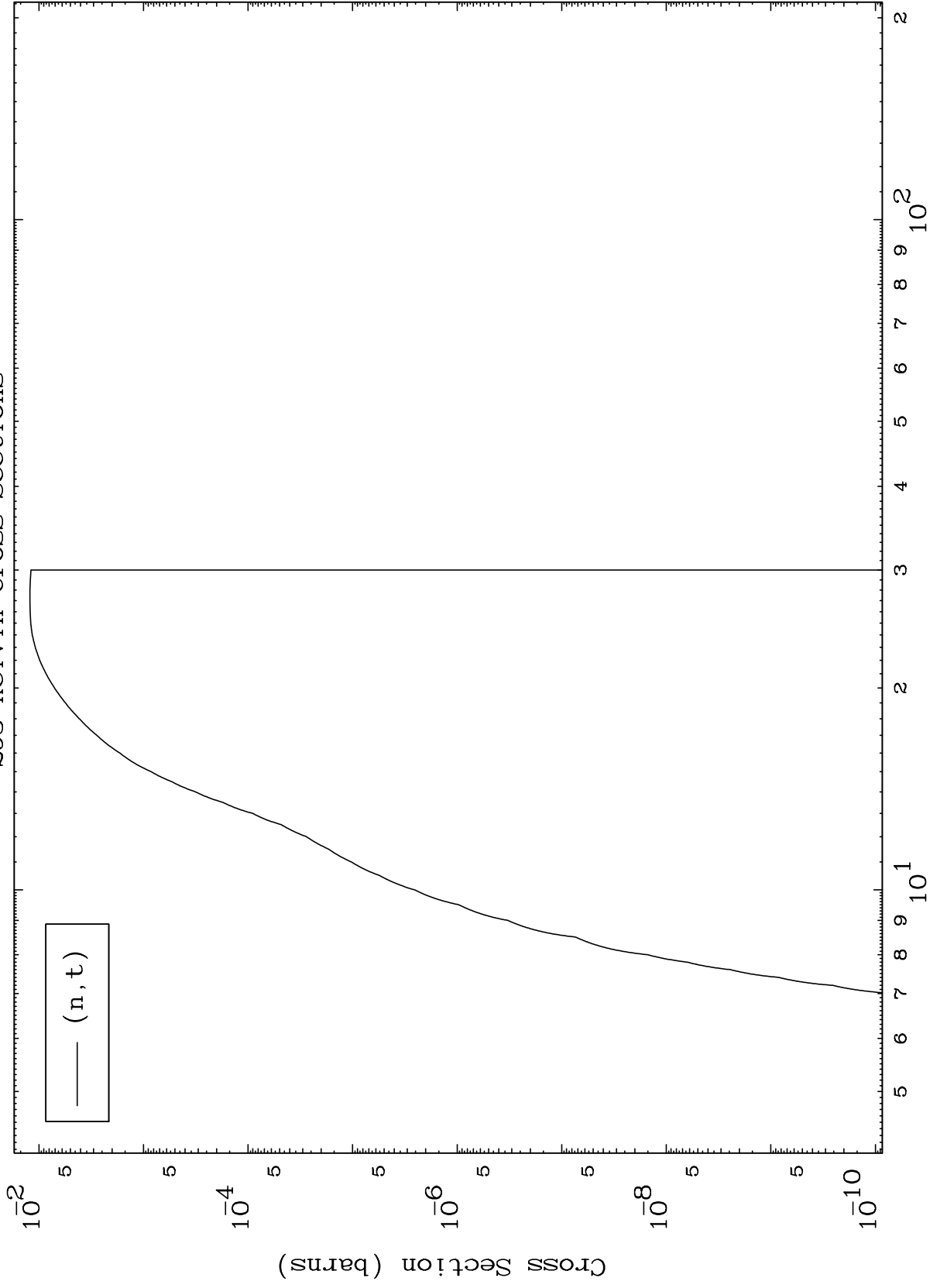
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-94



11

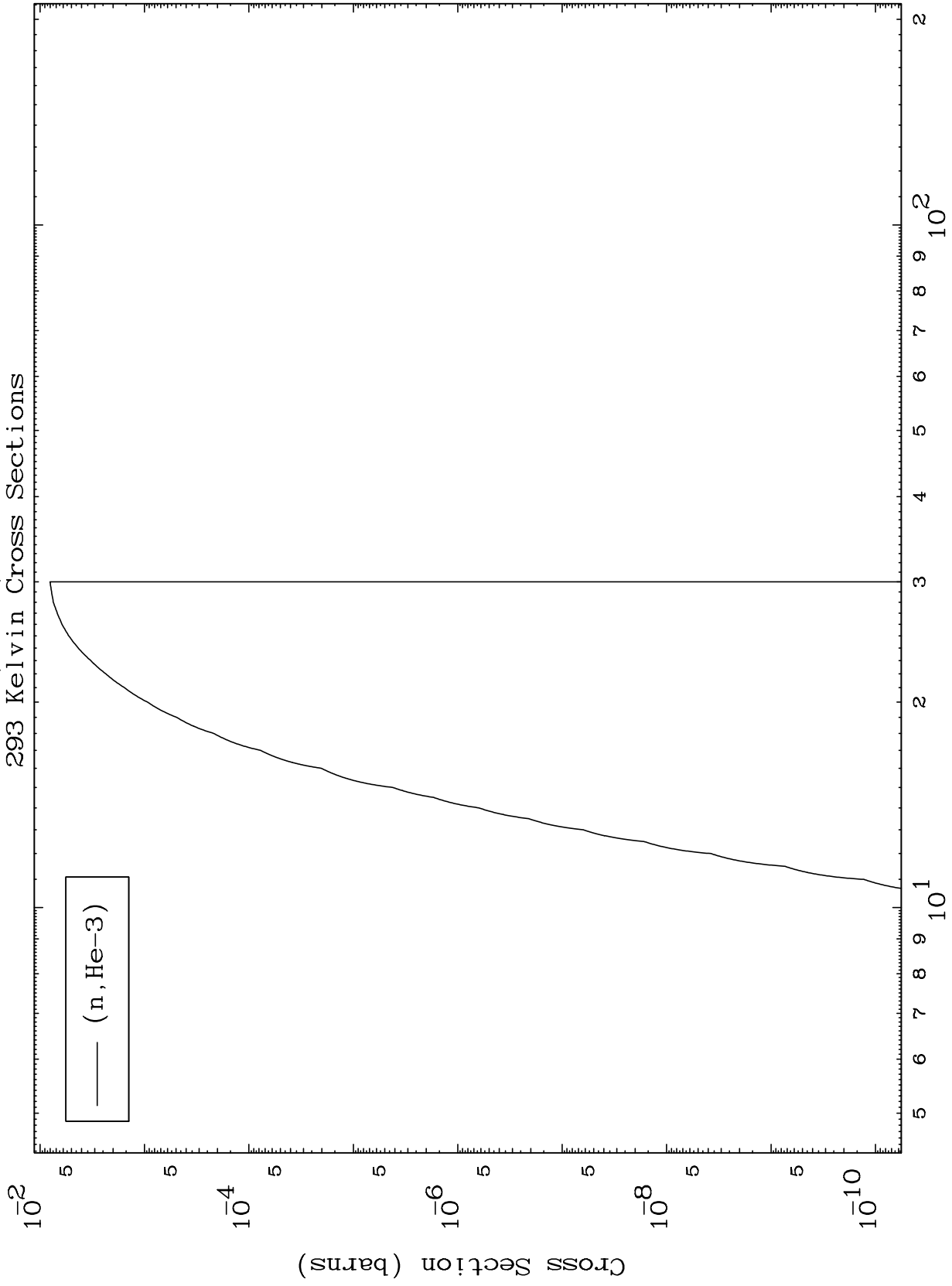
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94



12

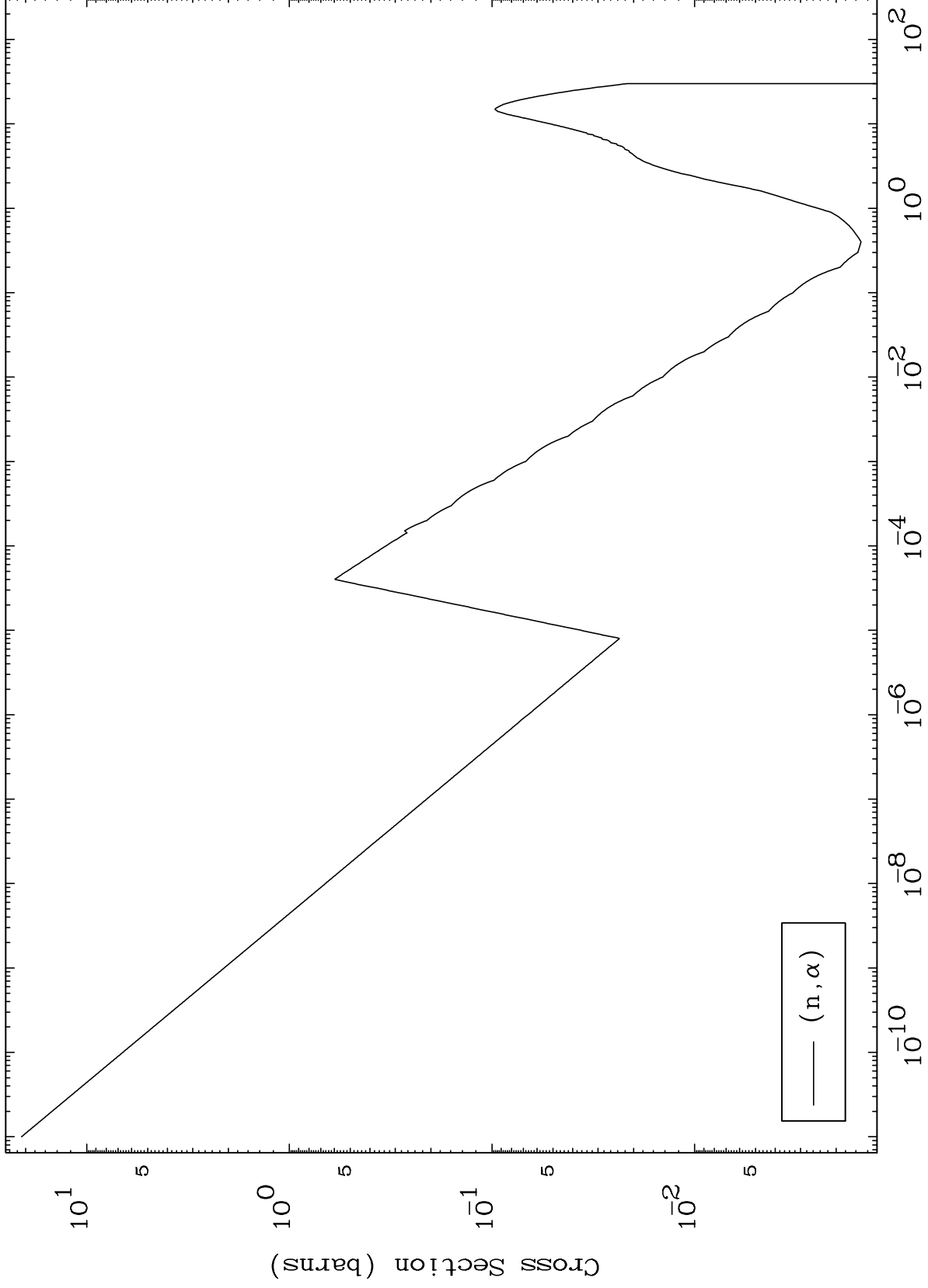
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n, α) Levels
293 Kelvin Cross Sections

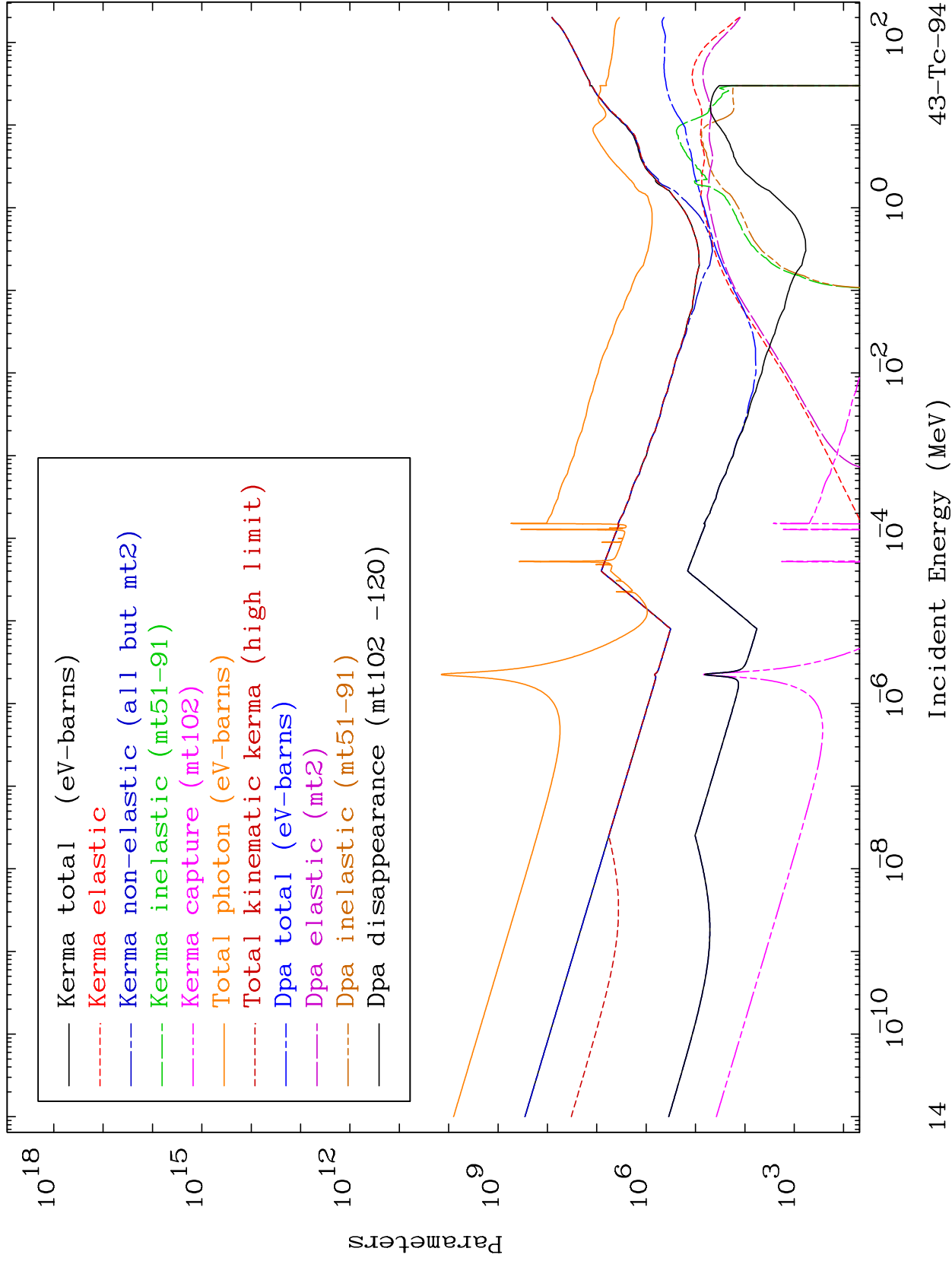
43-Tc-94



13

Incident Energy (MeV)

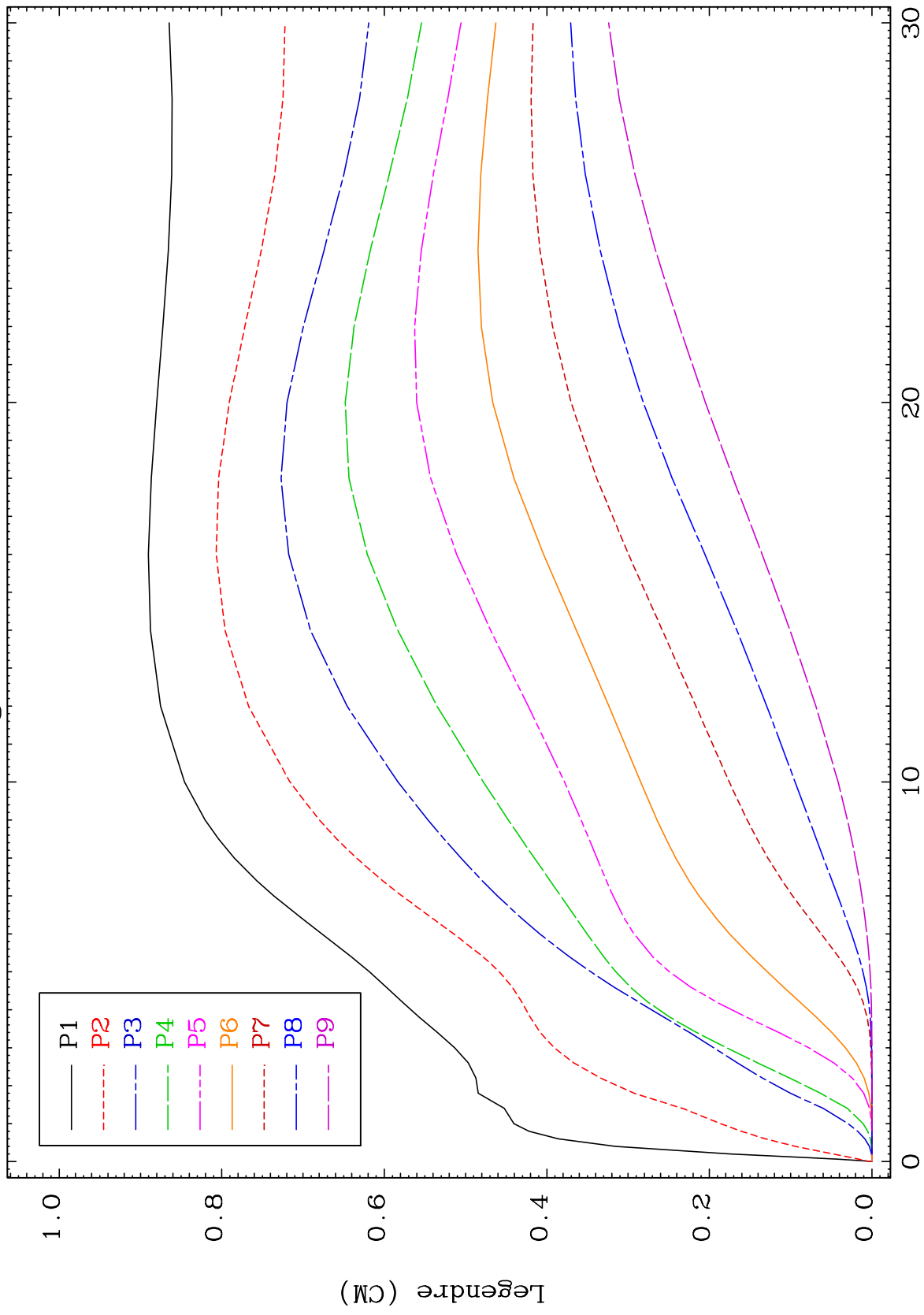
43-Tc-94



MAT 4310

Elastic Legendre Coefficients

43-Tc-94

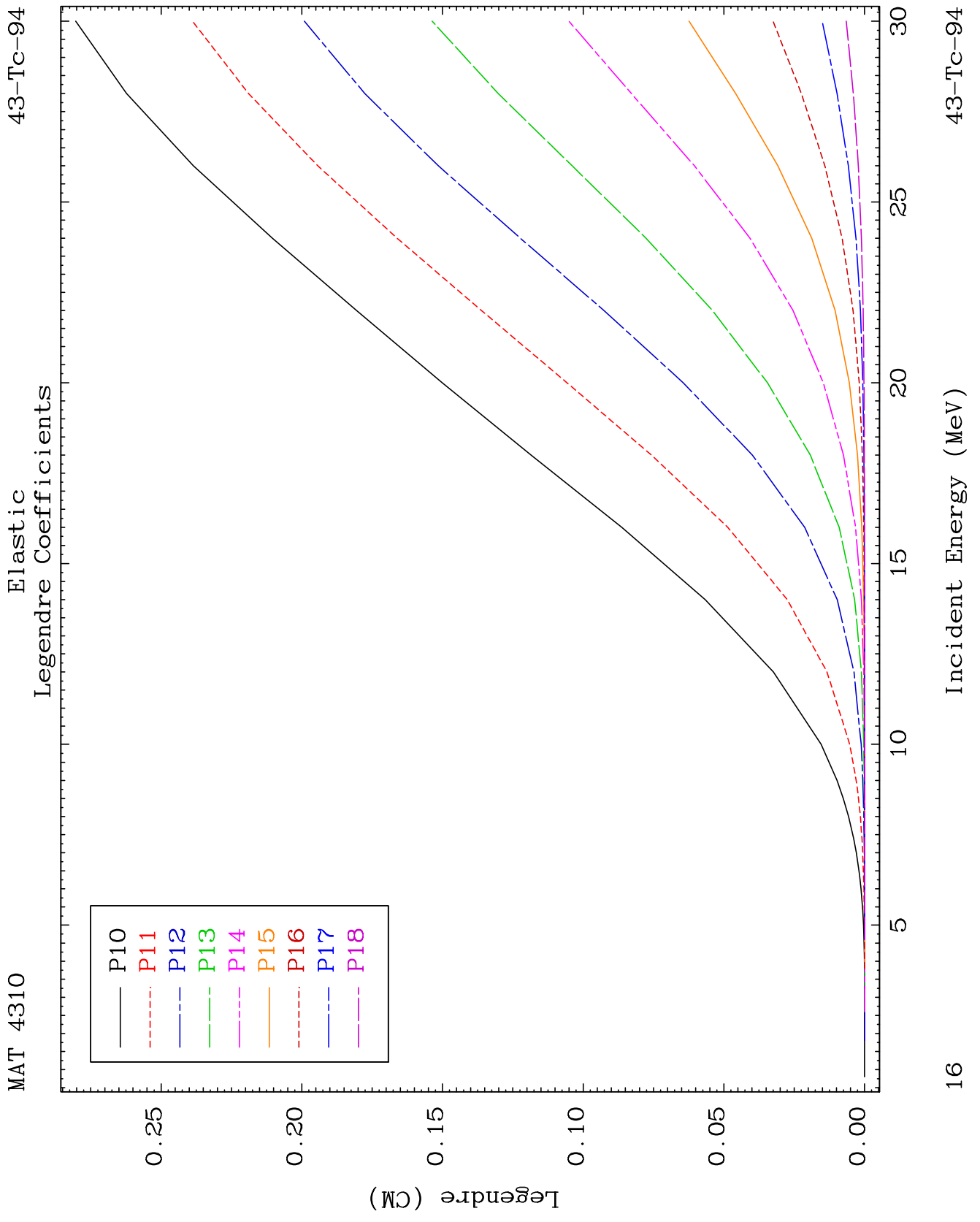


15

Incident Energy (MeV)

43-Tc-94

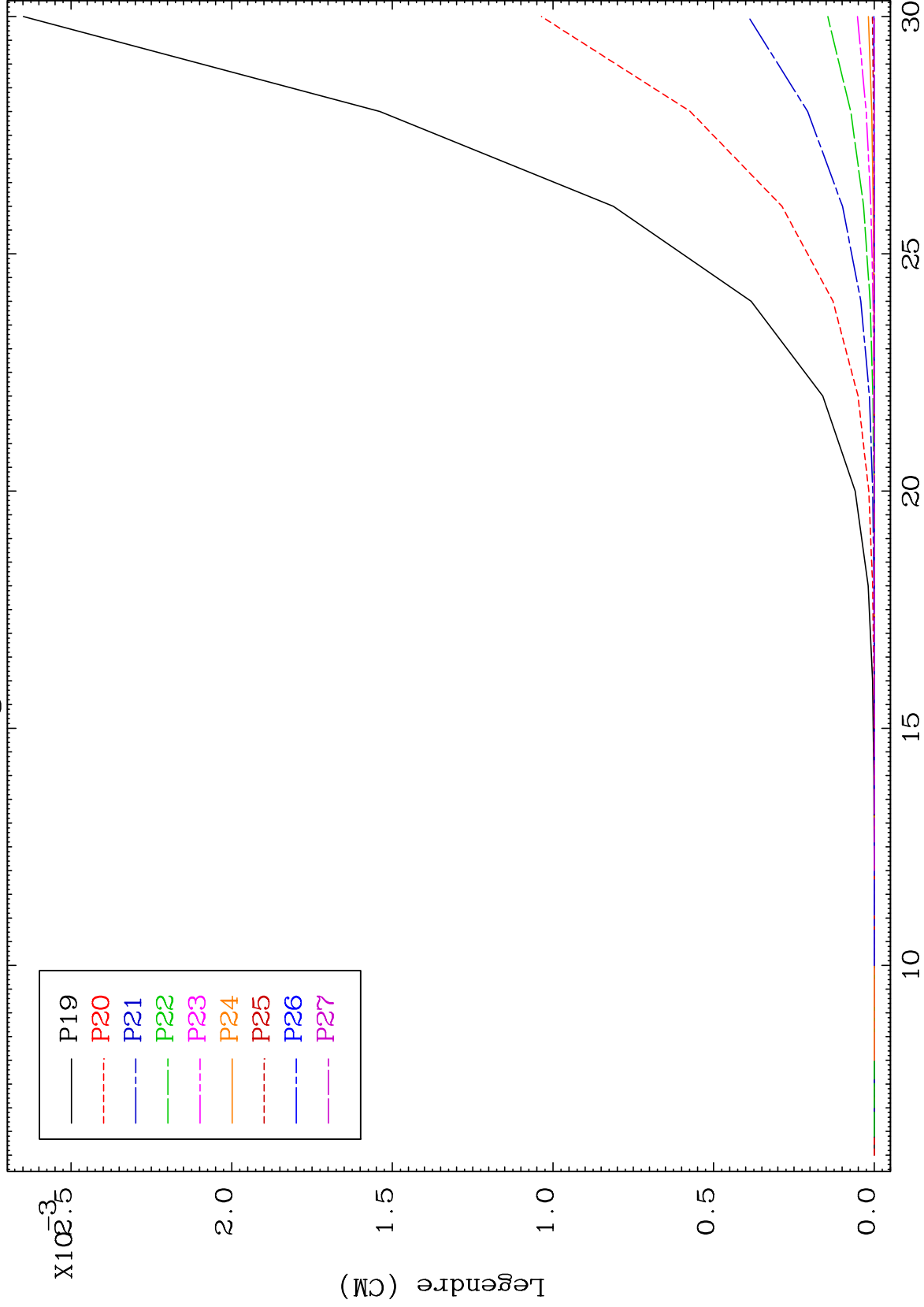
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MAT 4310

Elastic Legendre Coefficients

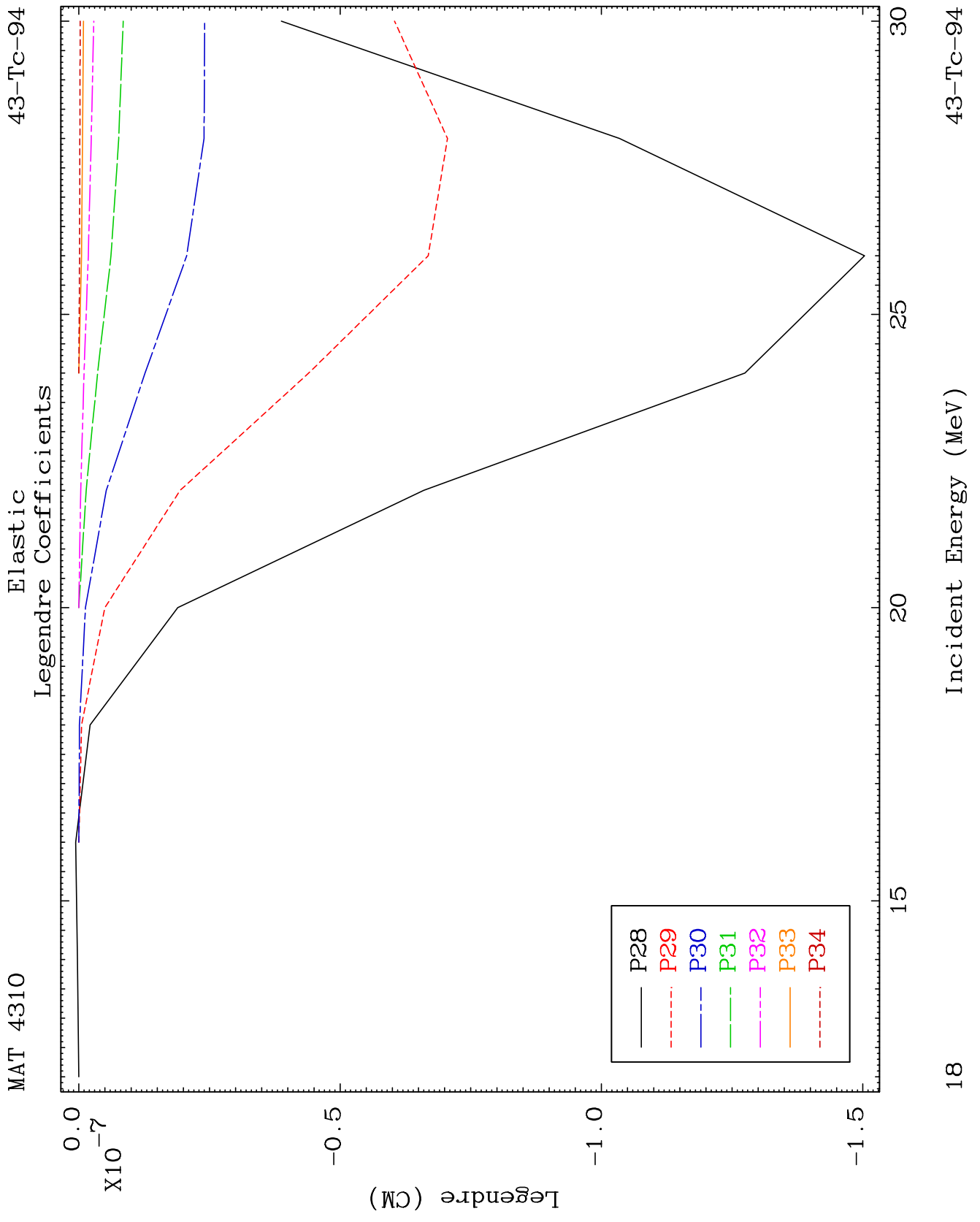
43-Tc-94



17

Incident Energy (MeV)

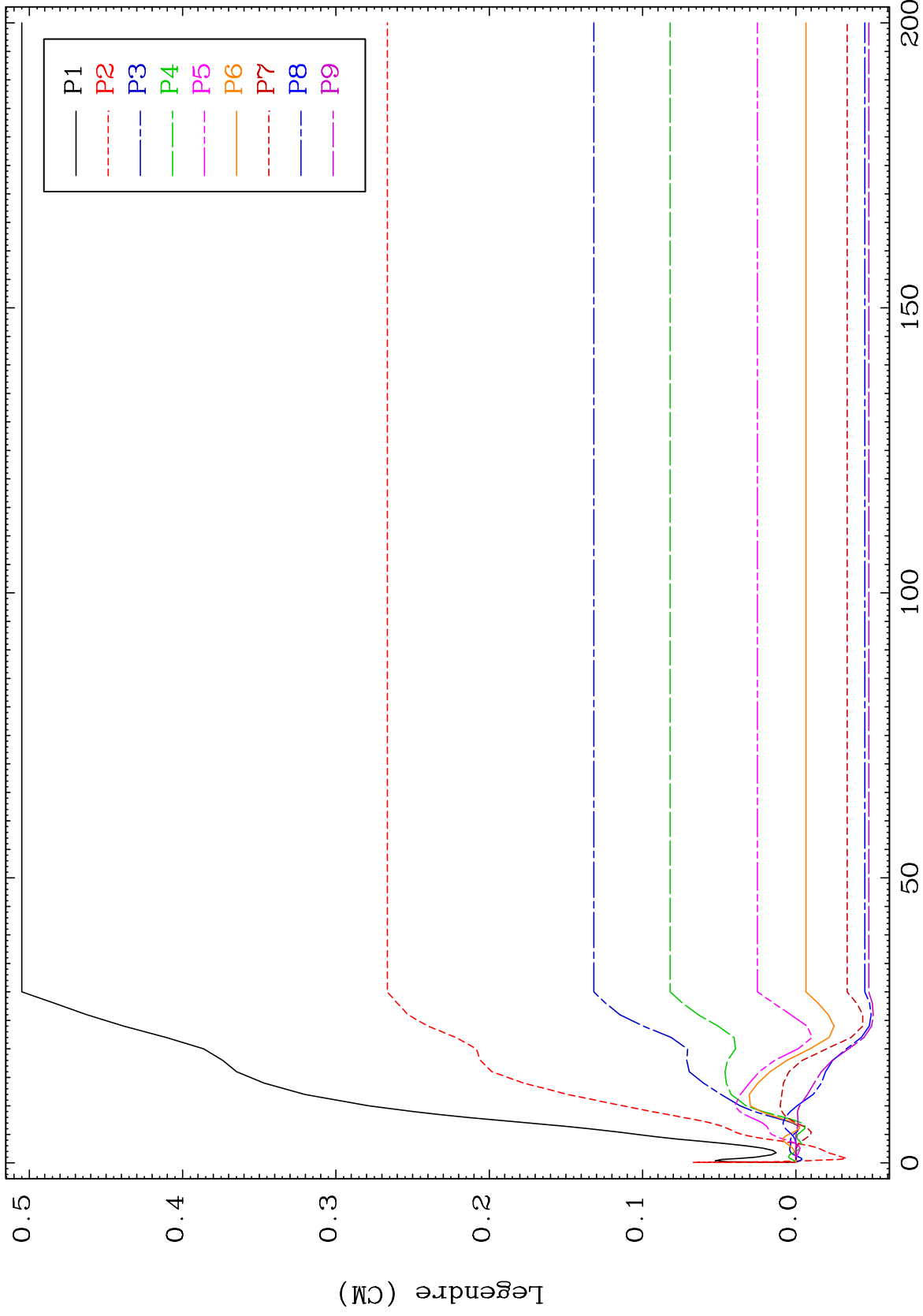
43-Tc-94



MAT 4310

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

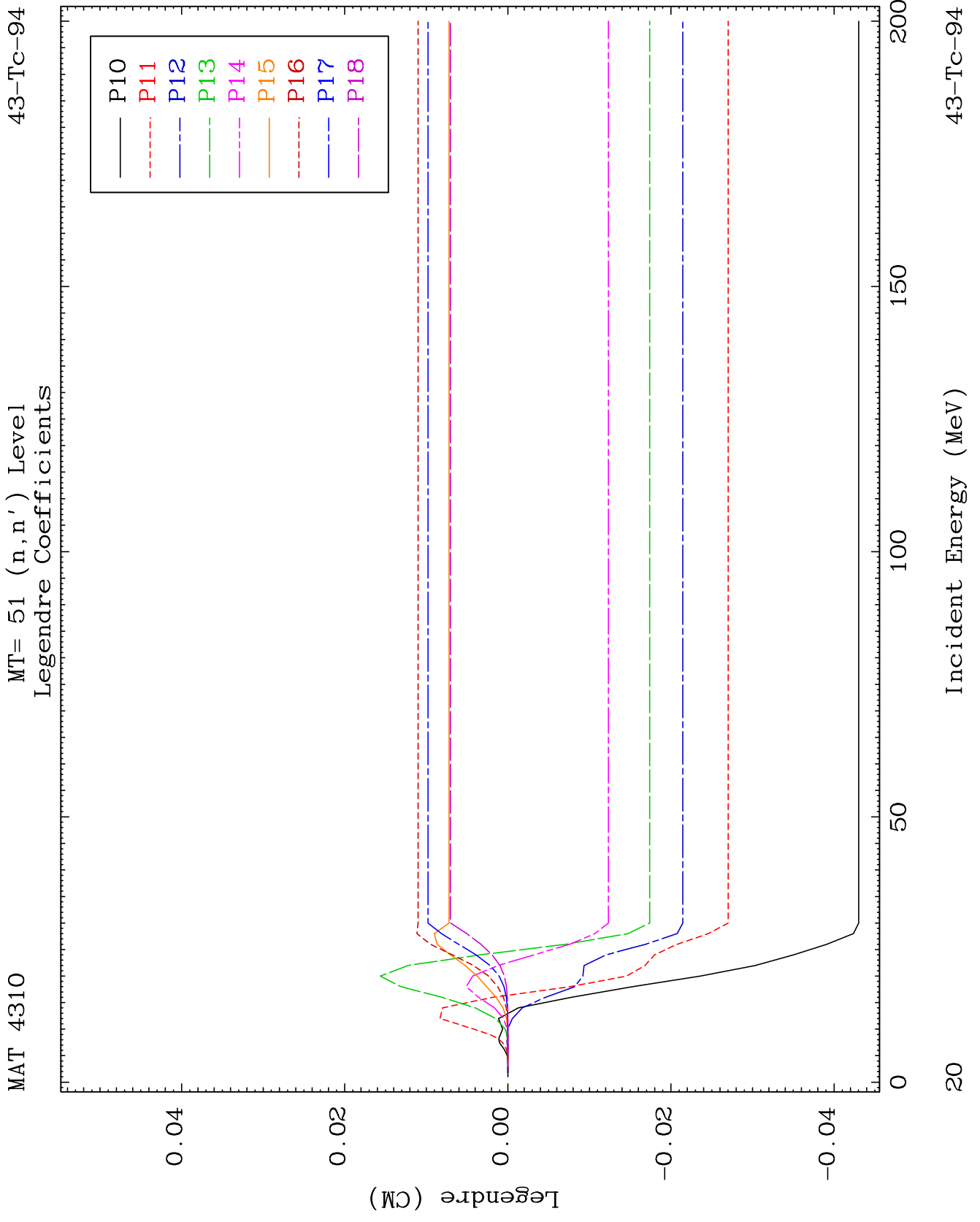
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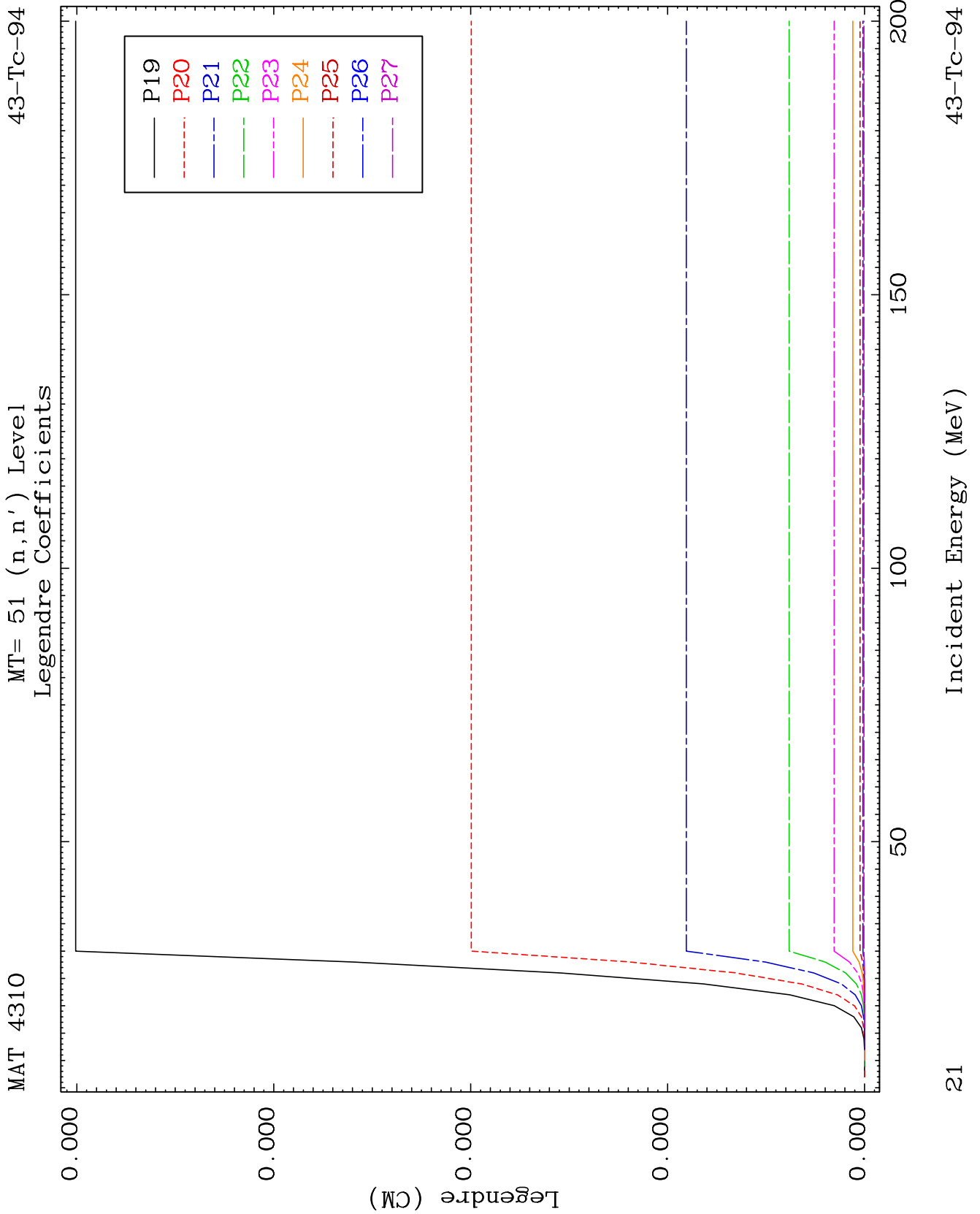


19

Incident Energy (MeV)

43-Tc-94

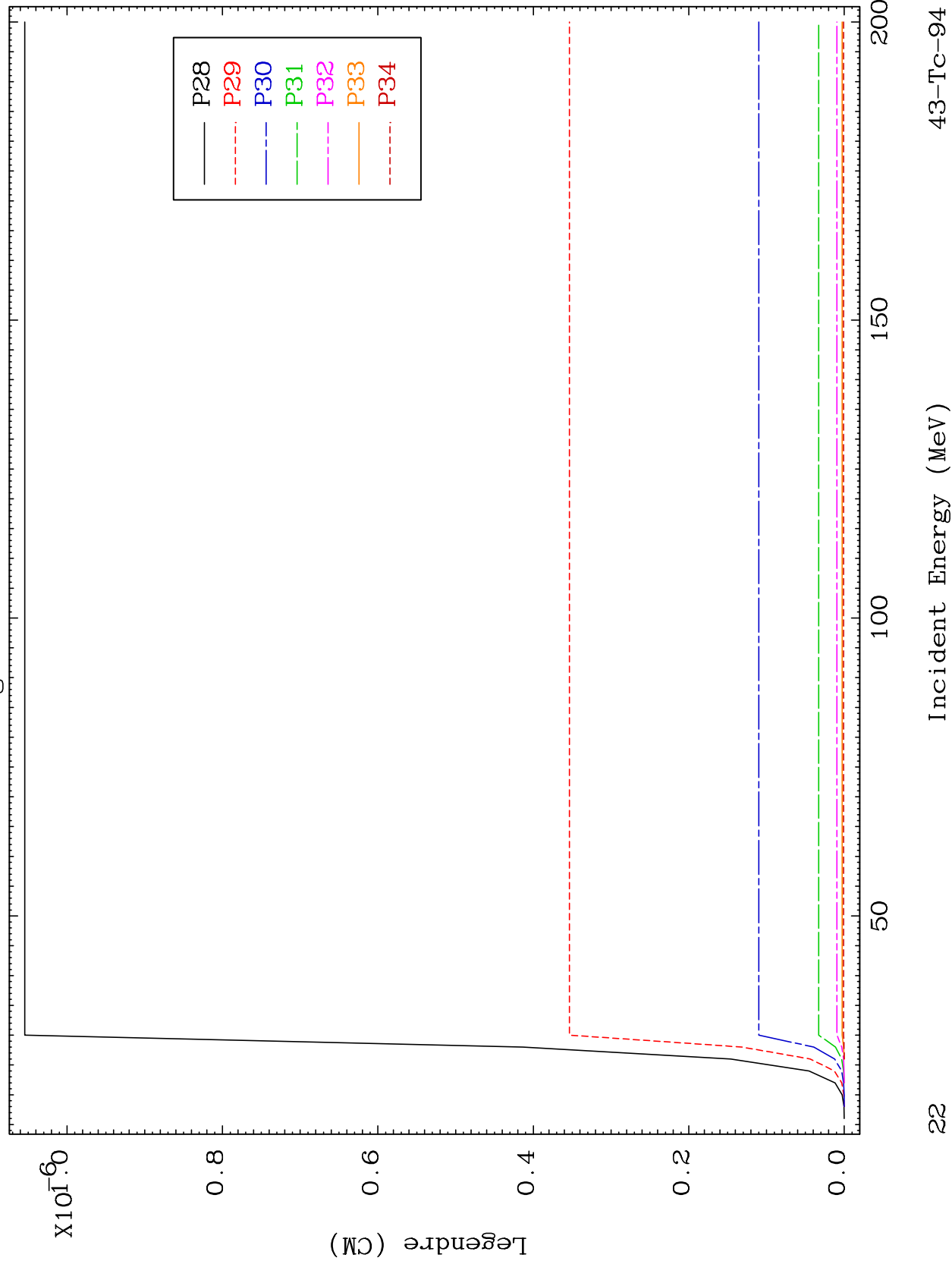




MAT 4310

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

43-Tc-94



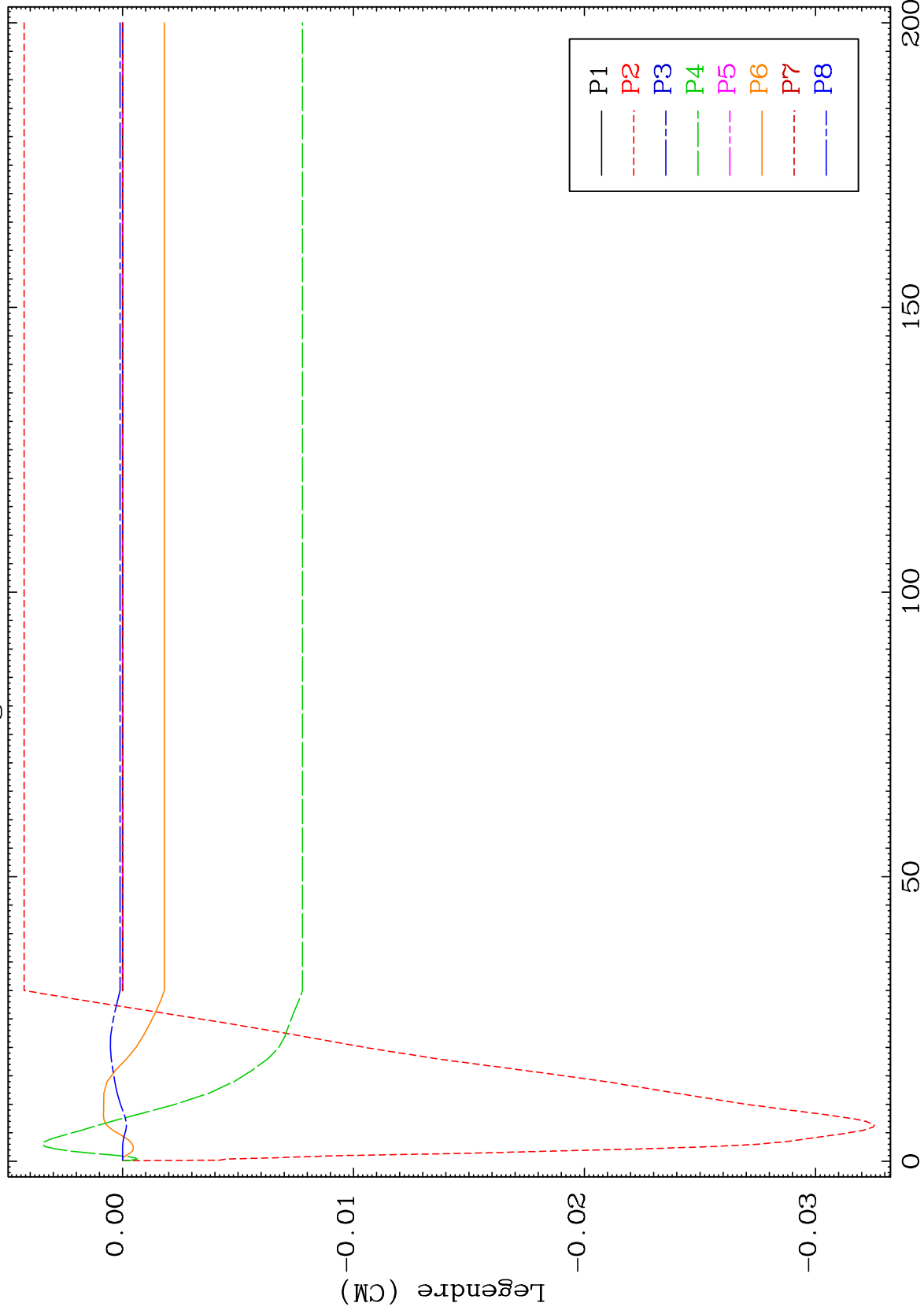
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43-Tc-94

MAT 4310

43-Tc-94

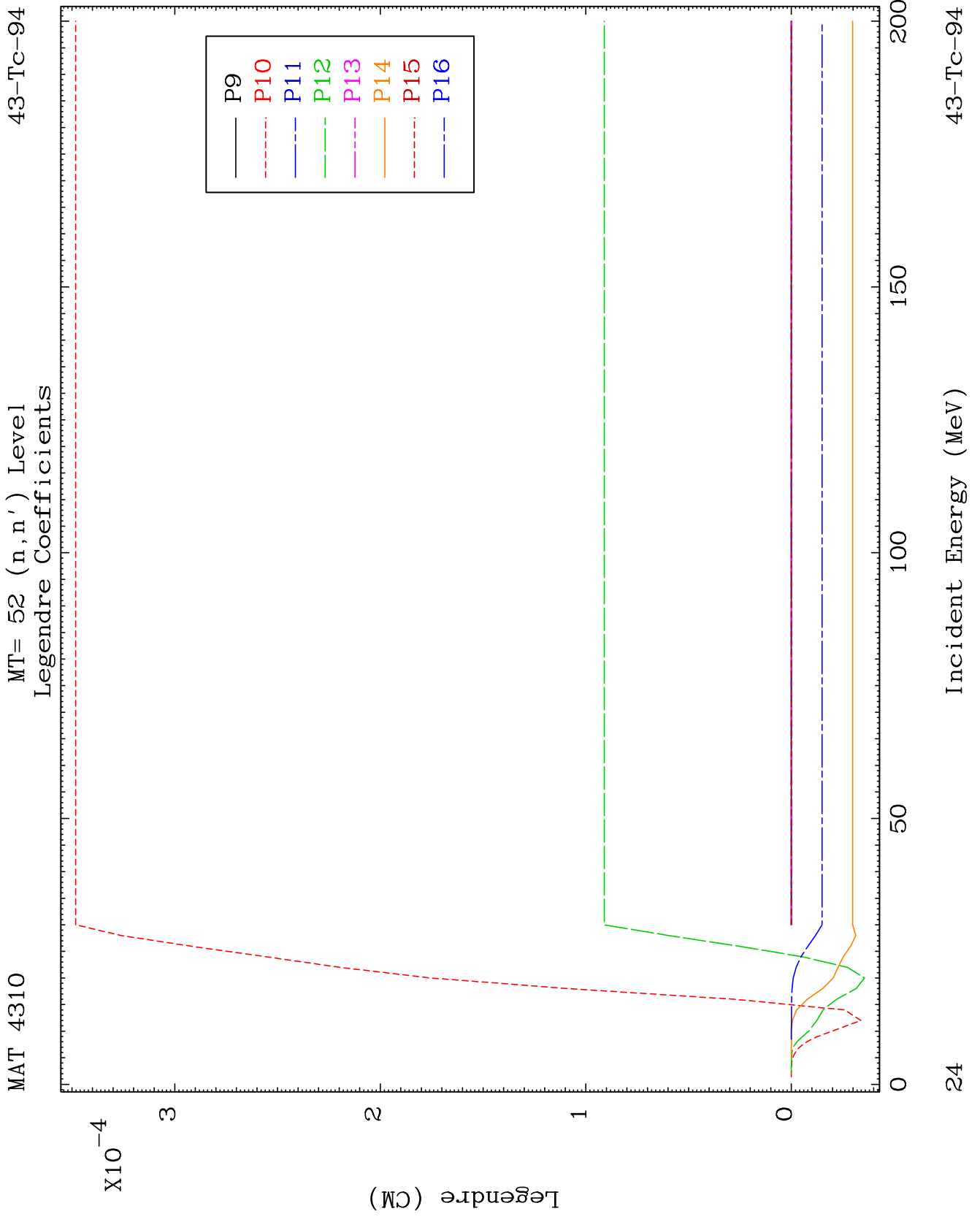
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Legendre Coefficients

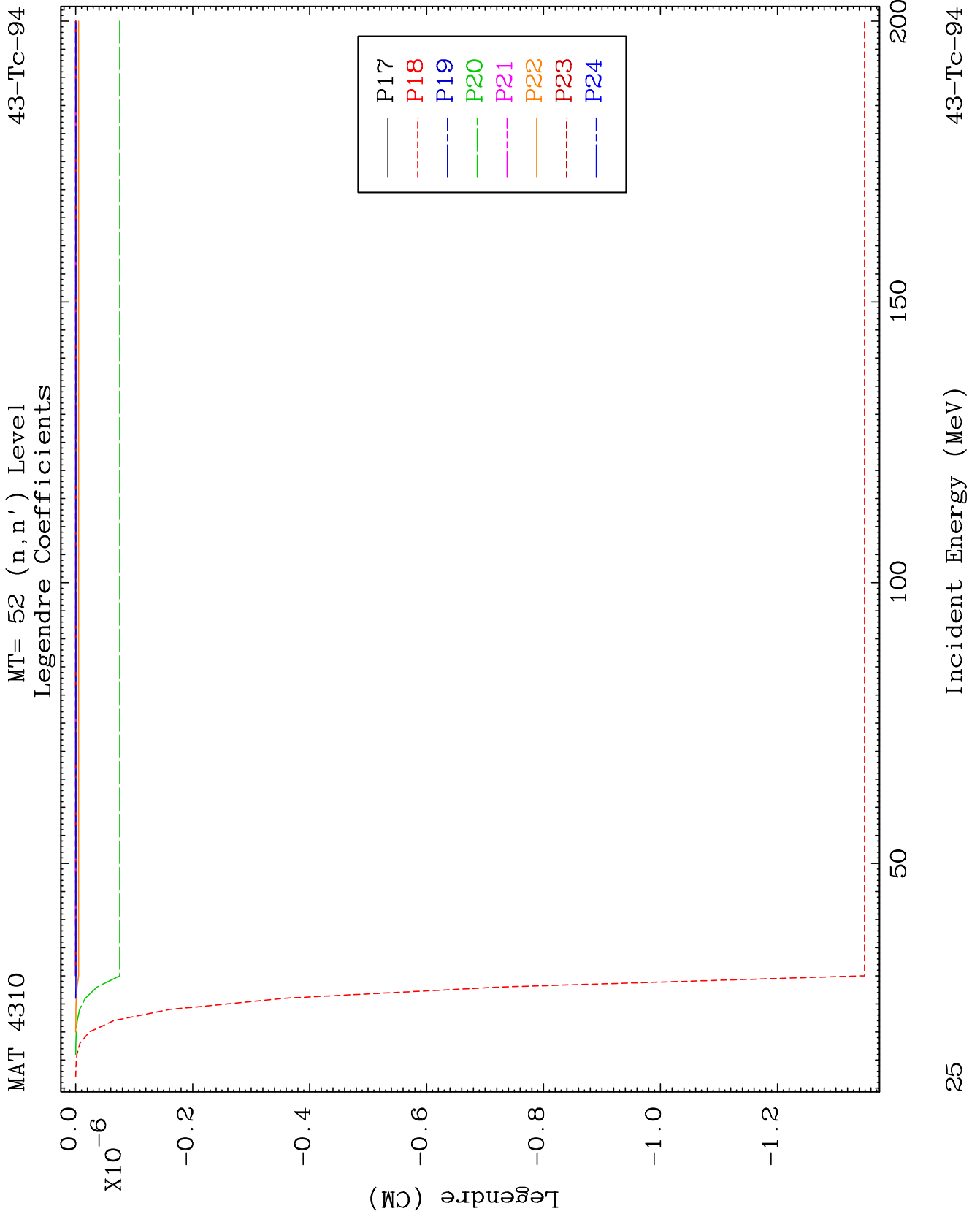


43-Tc-94

Incident Energy (MeV)

23

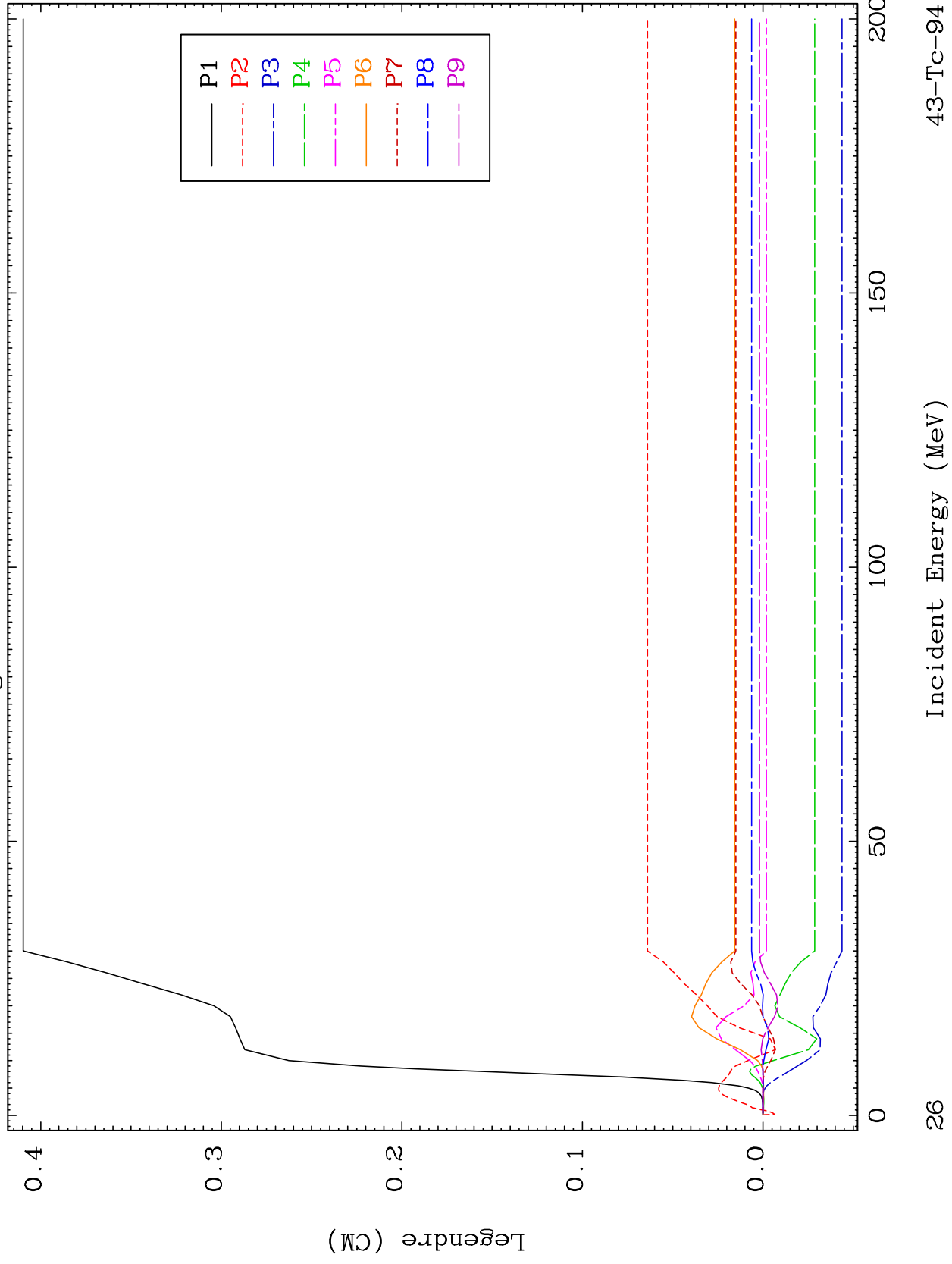




MAT 4310

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

43-Tc-94



26

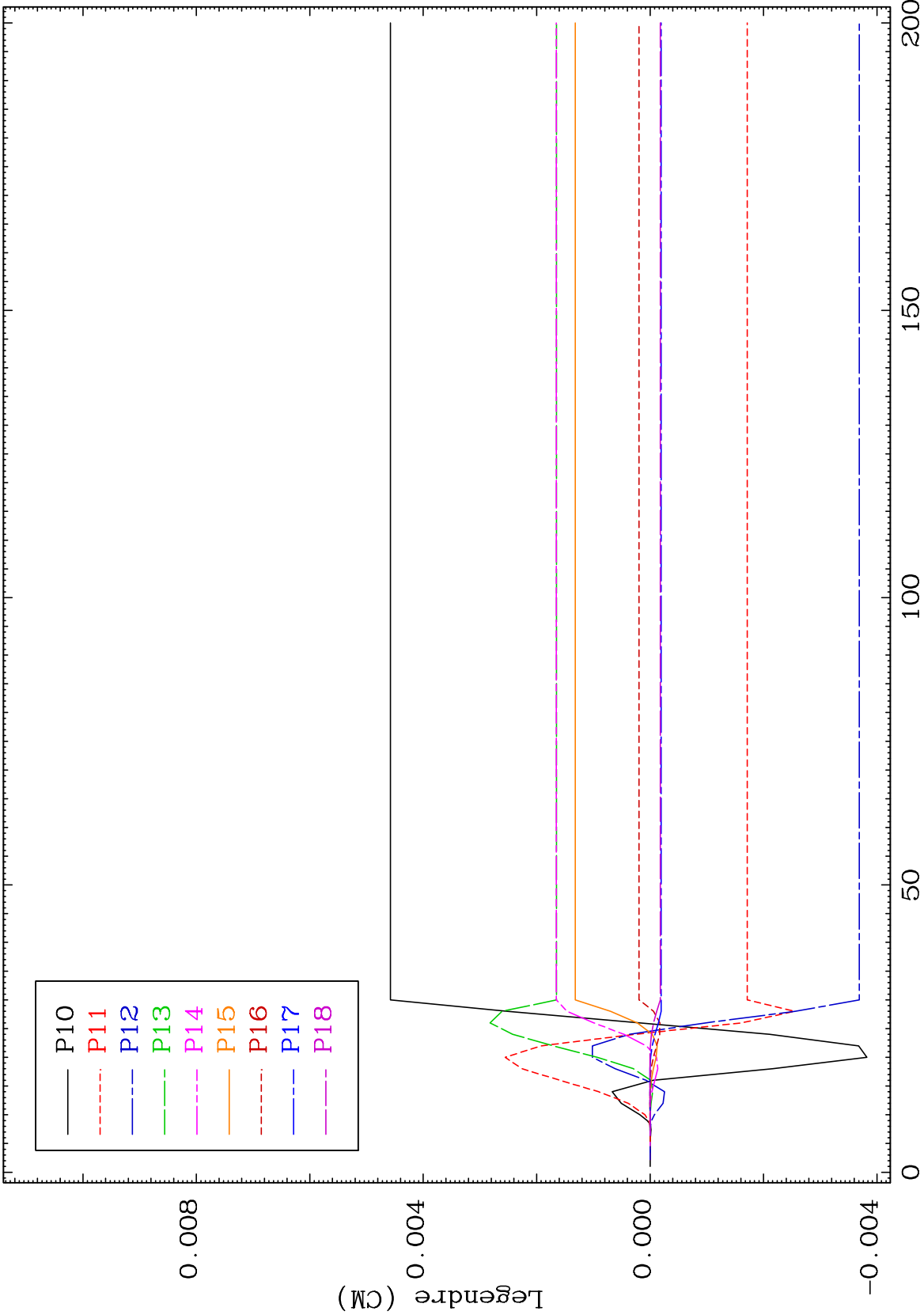
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



27

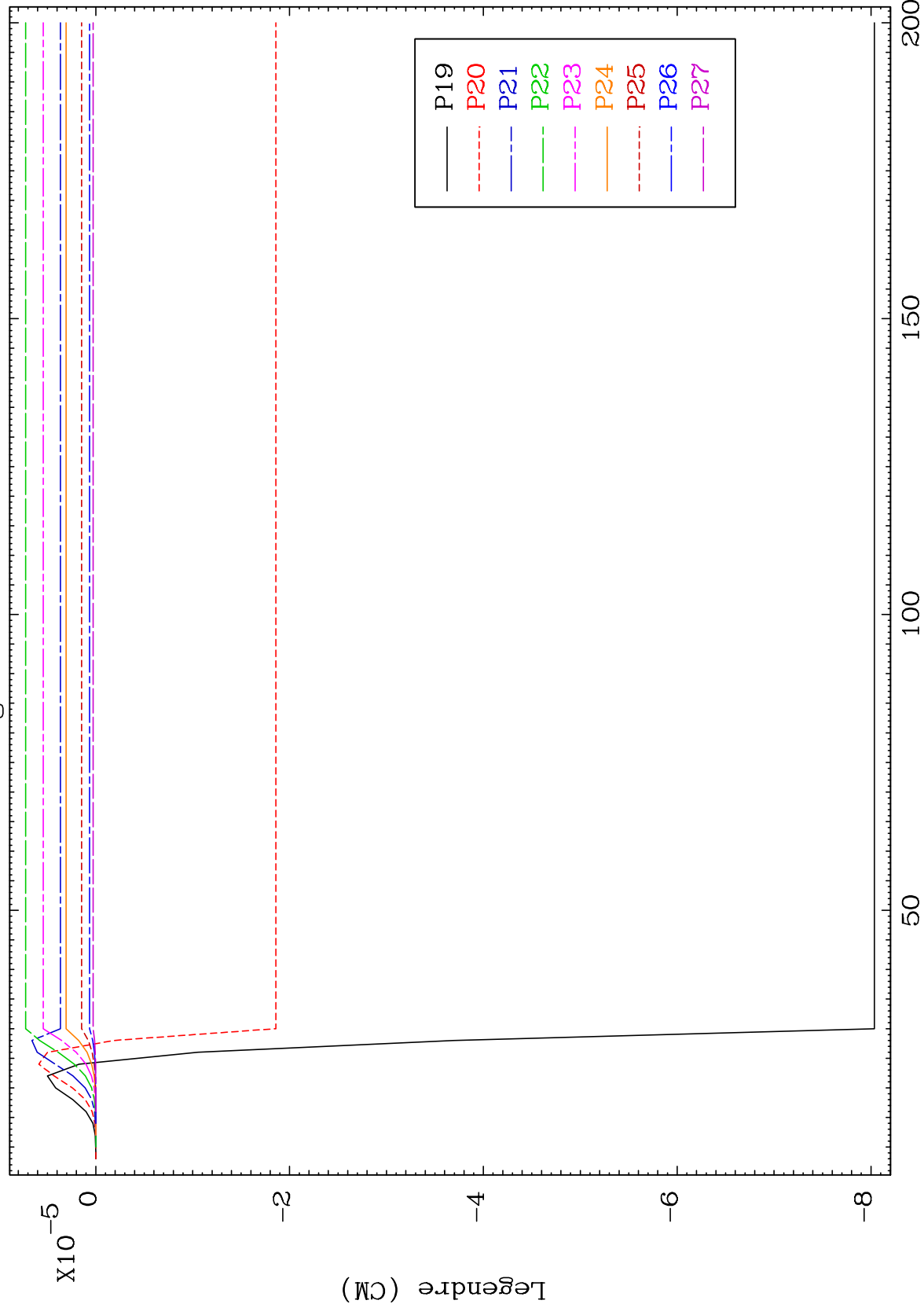
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

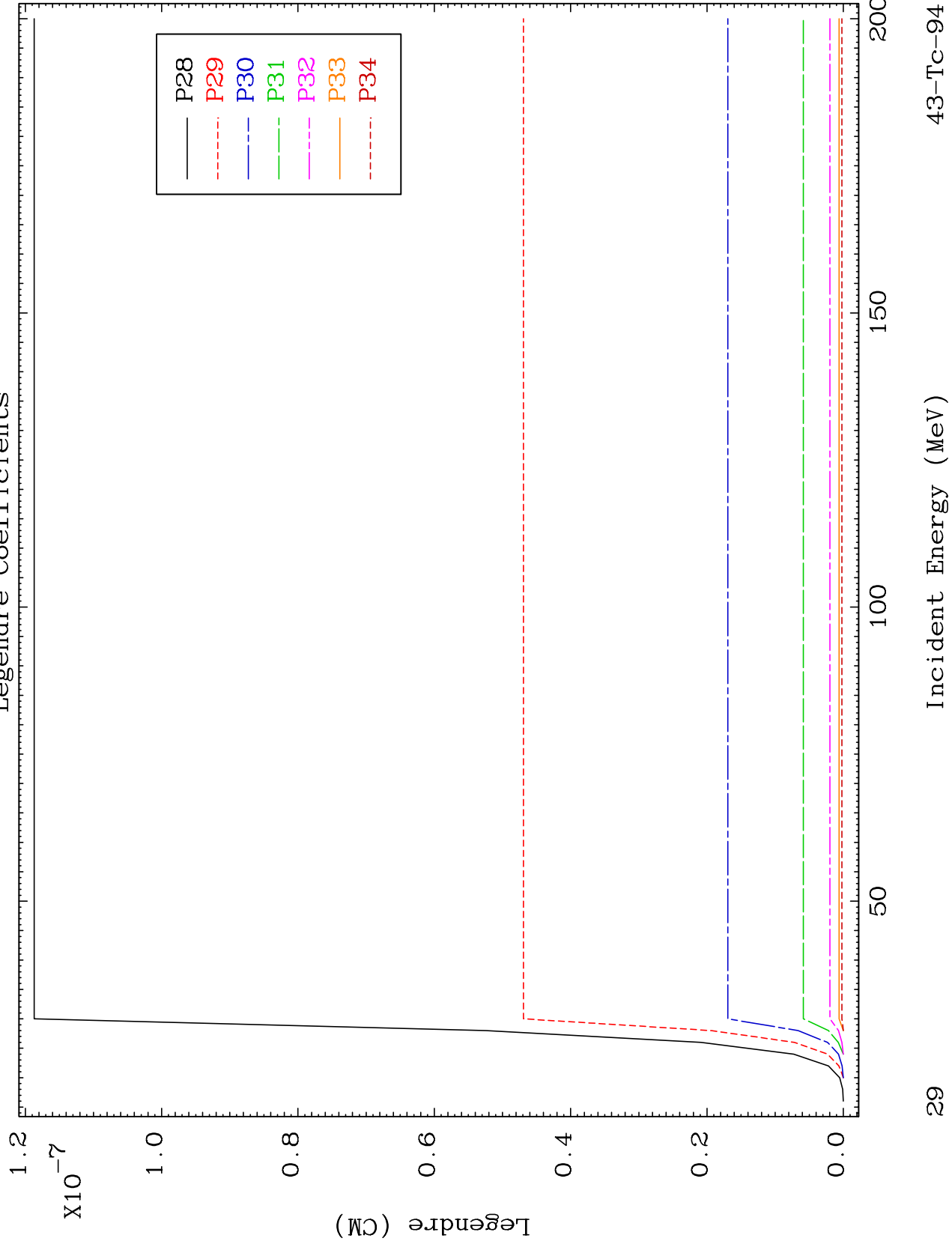
43-Tc-94



MAT 4310

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

43-Tc-94



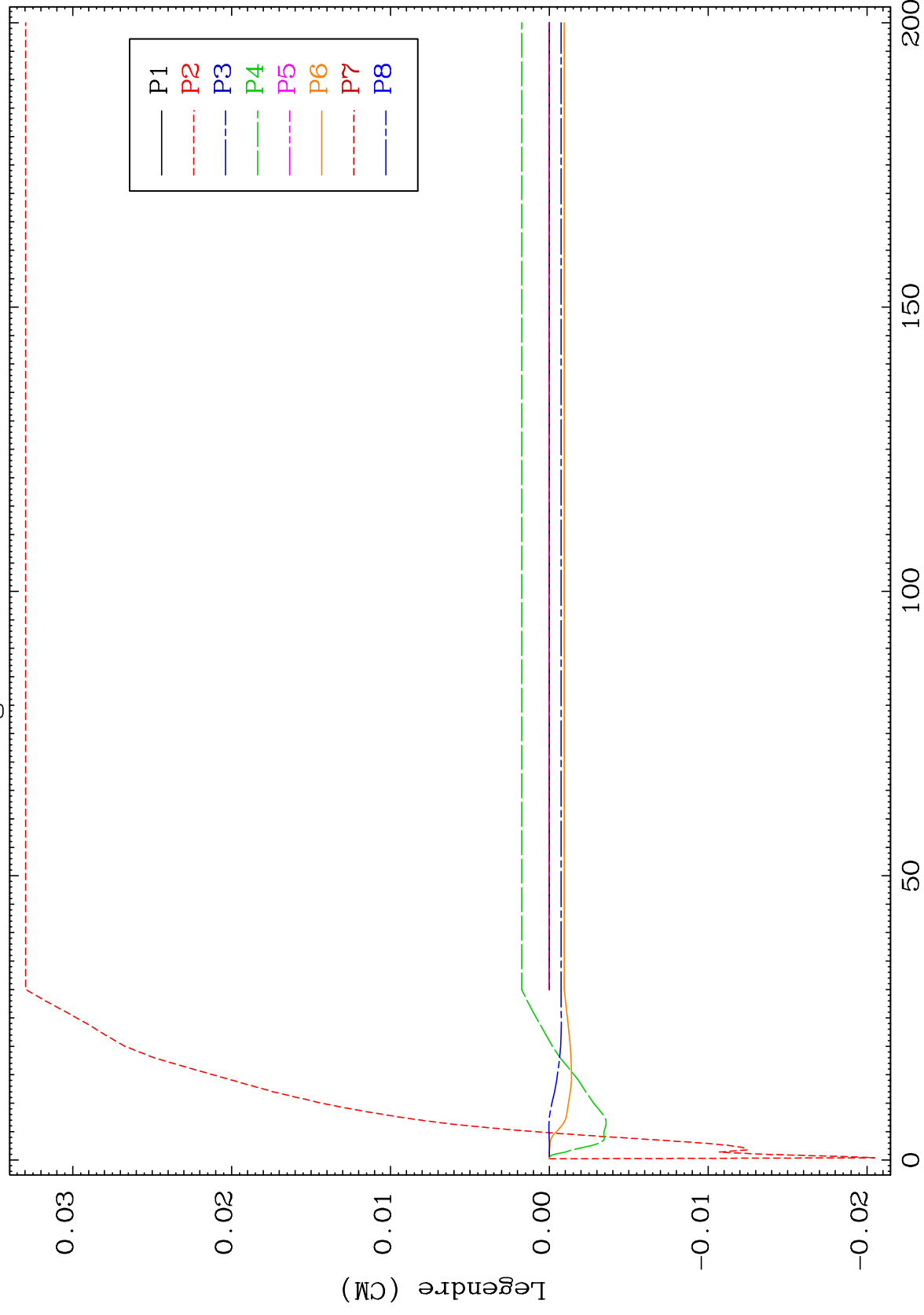
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43-Tc-94

MAT 4310

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

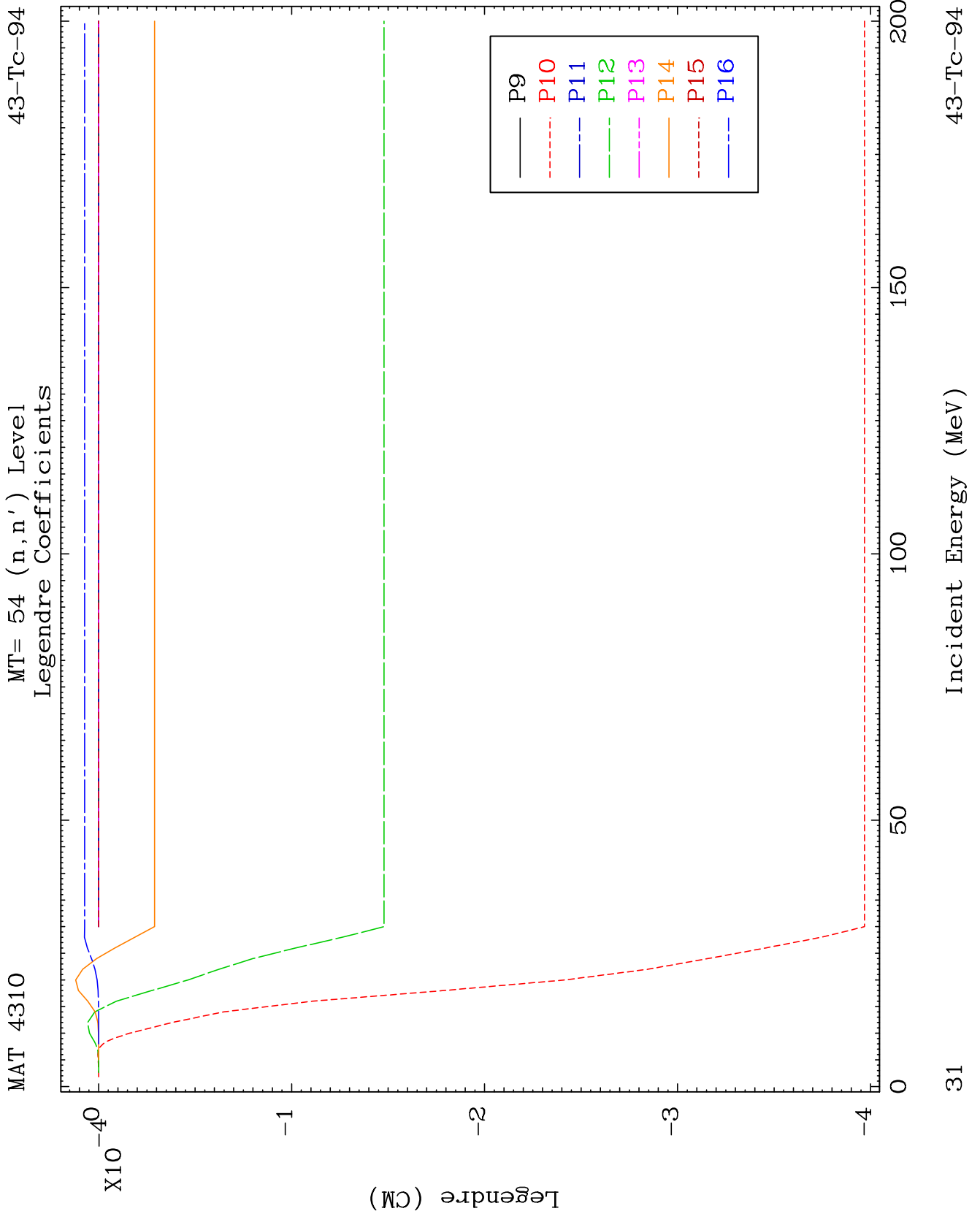
43-Tc-94

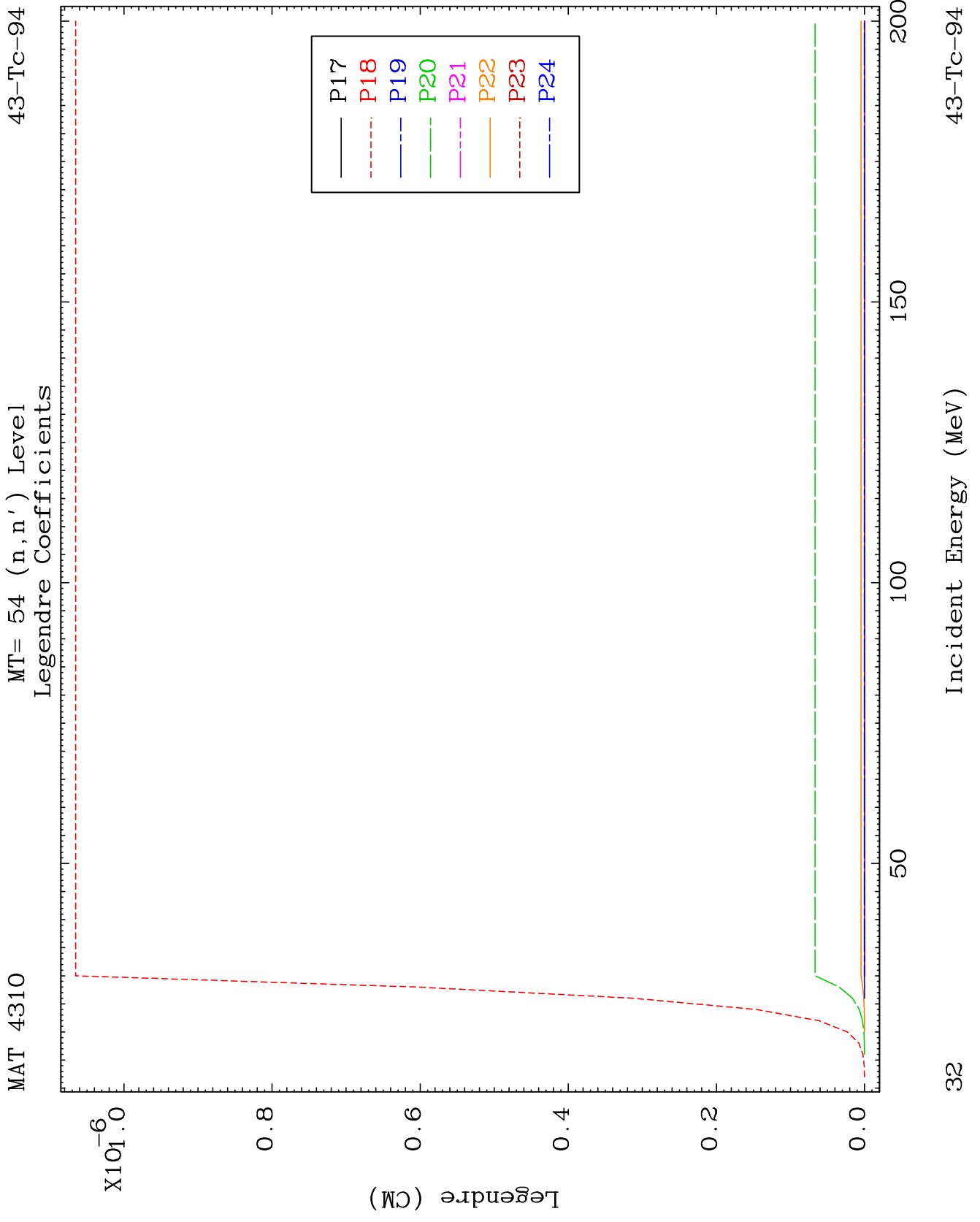


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Incident Energy (MeV)

43-Tc-94

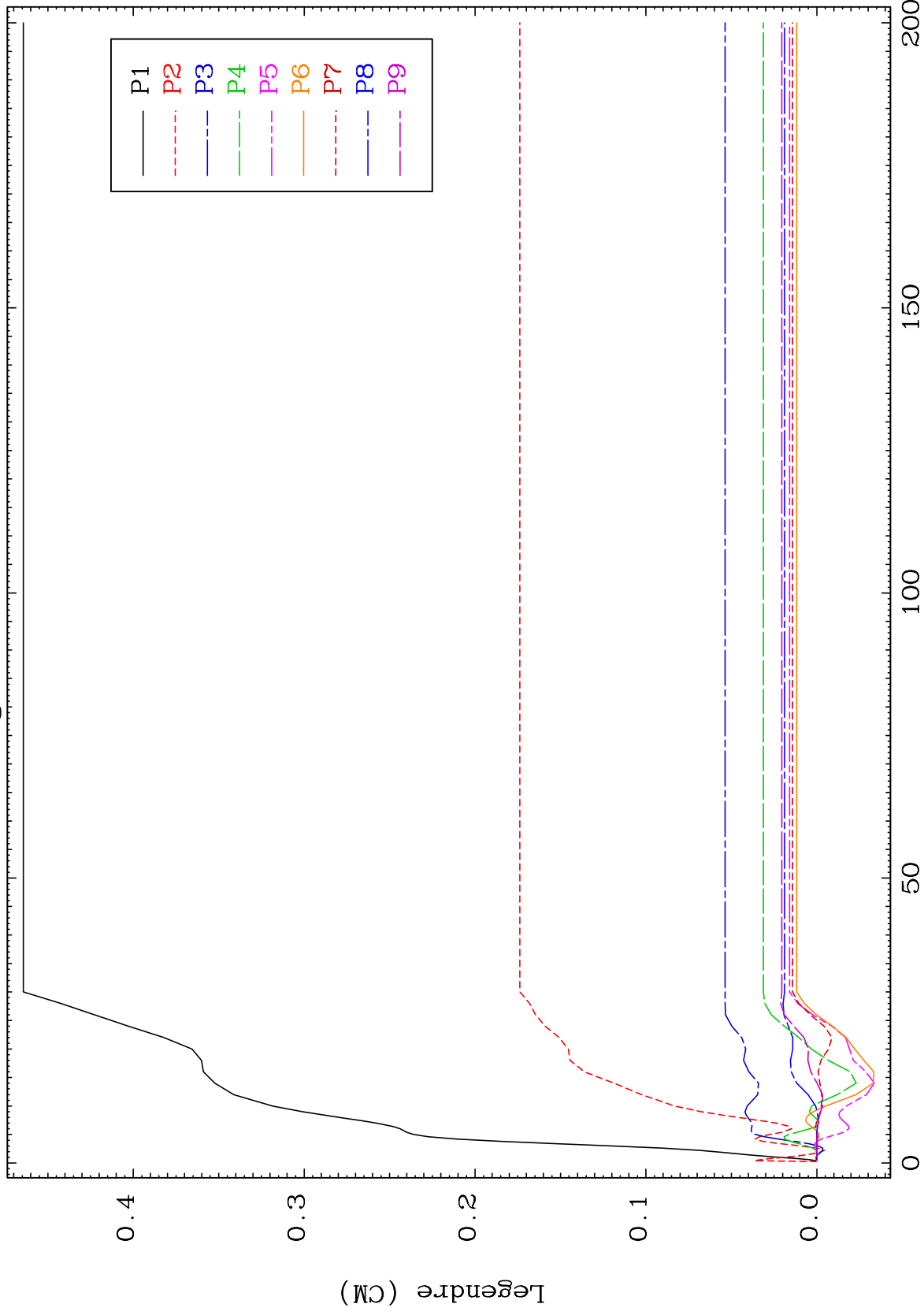




MAT 4310

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

43-Tc-94



33

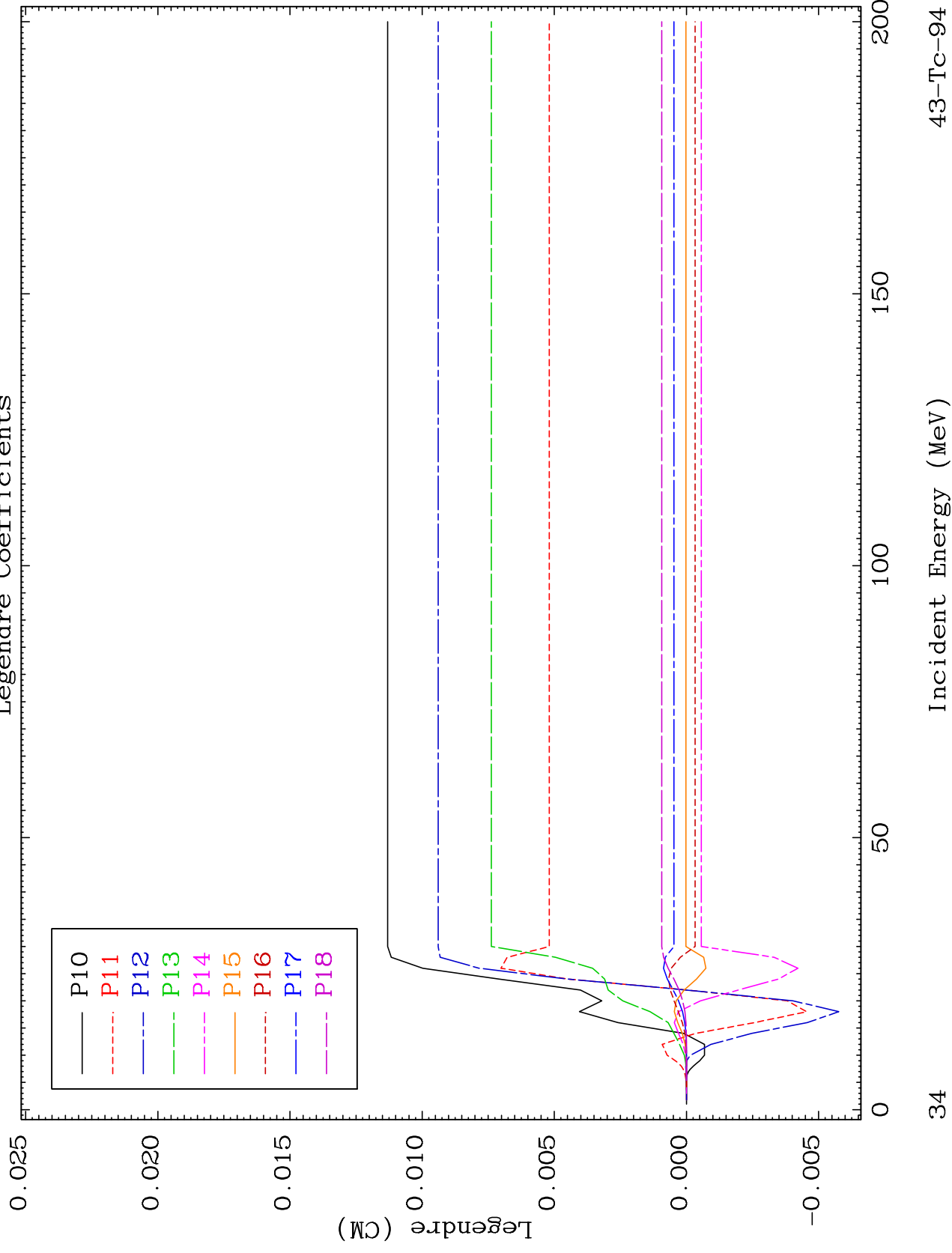
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



34

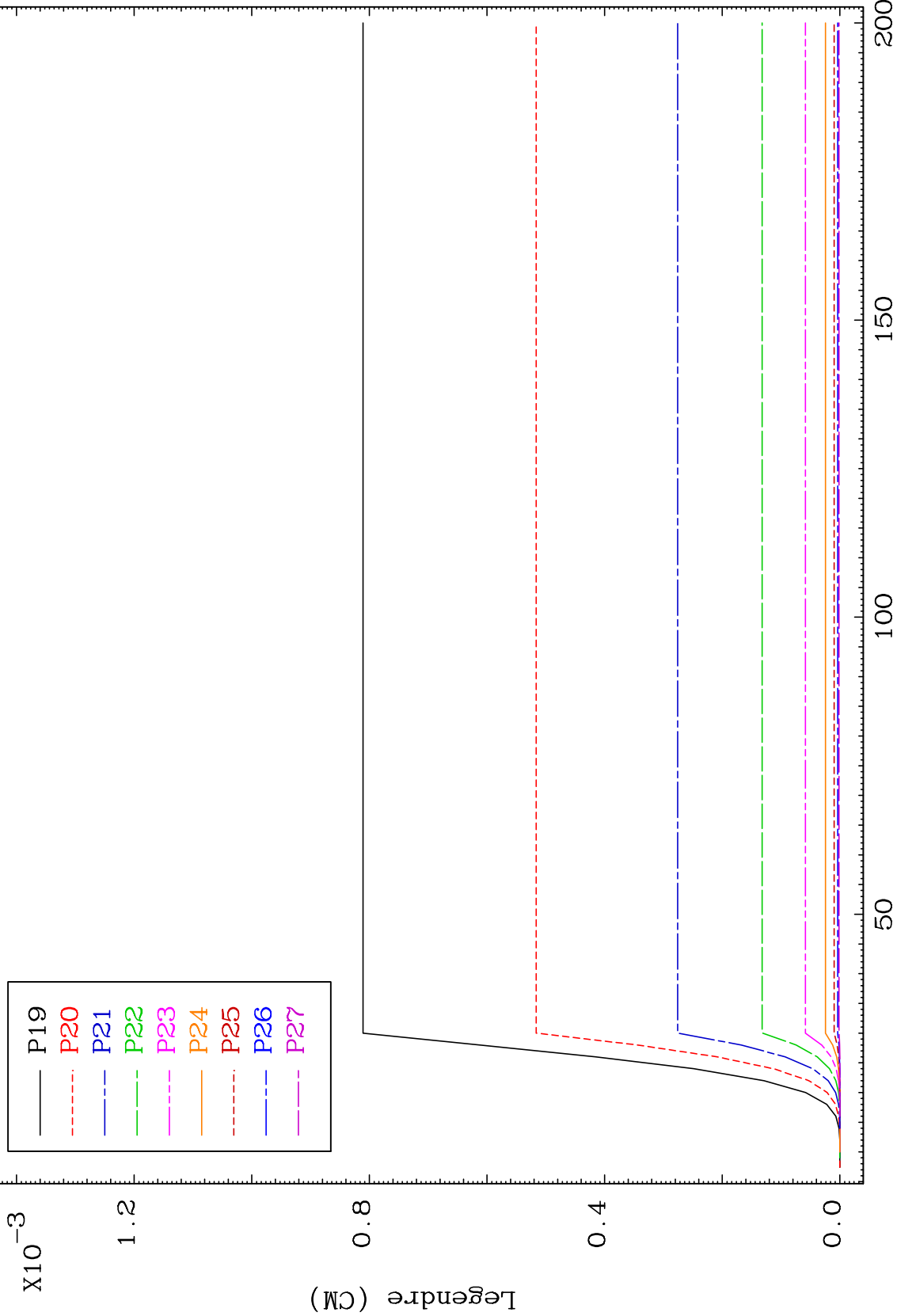
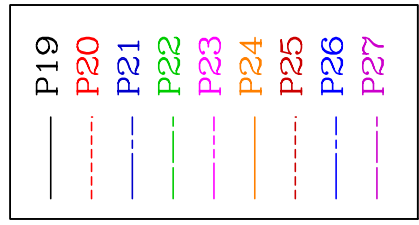
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



35

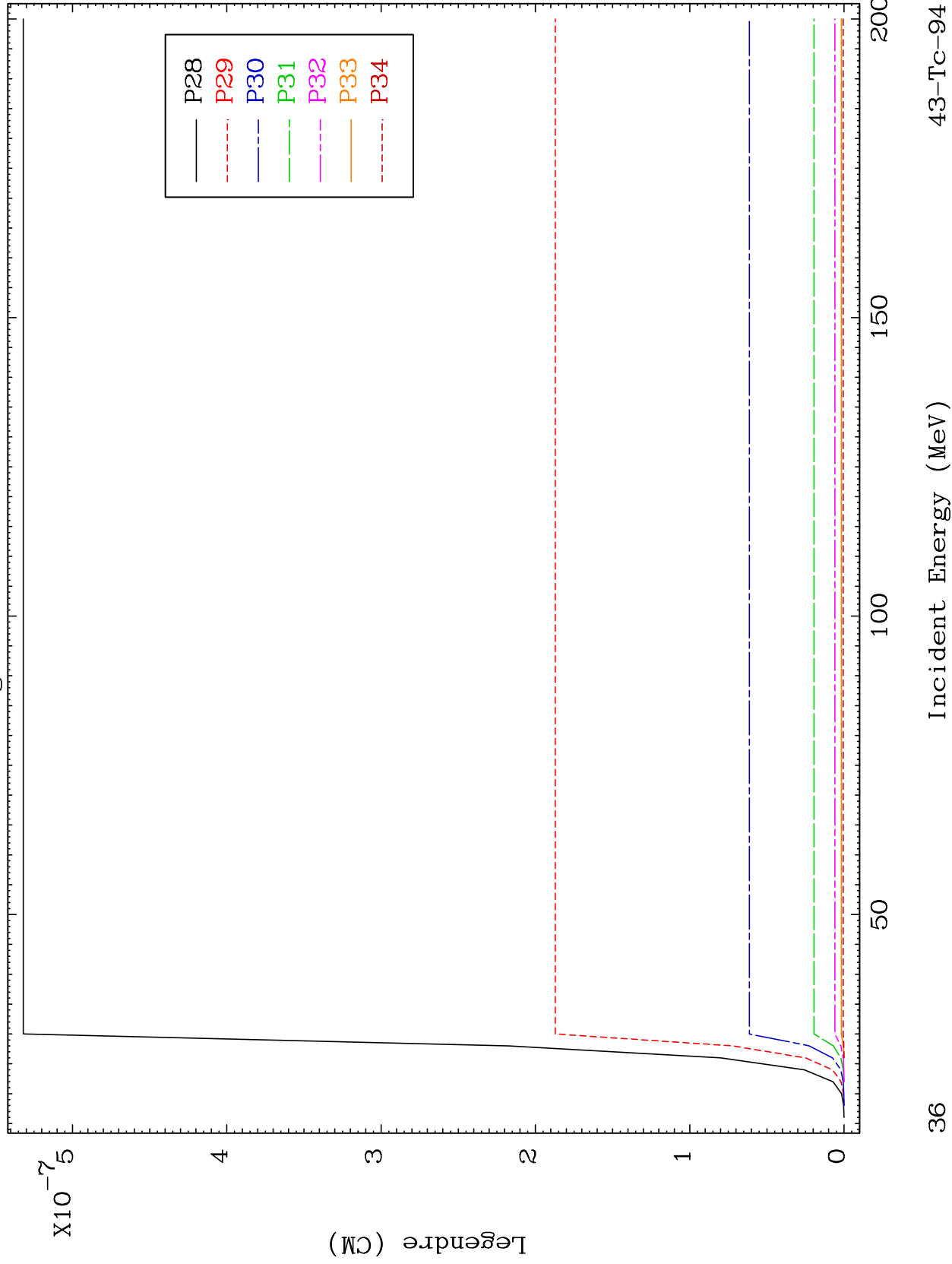
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

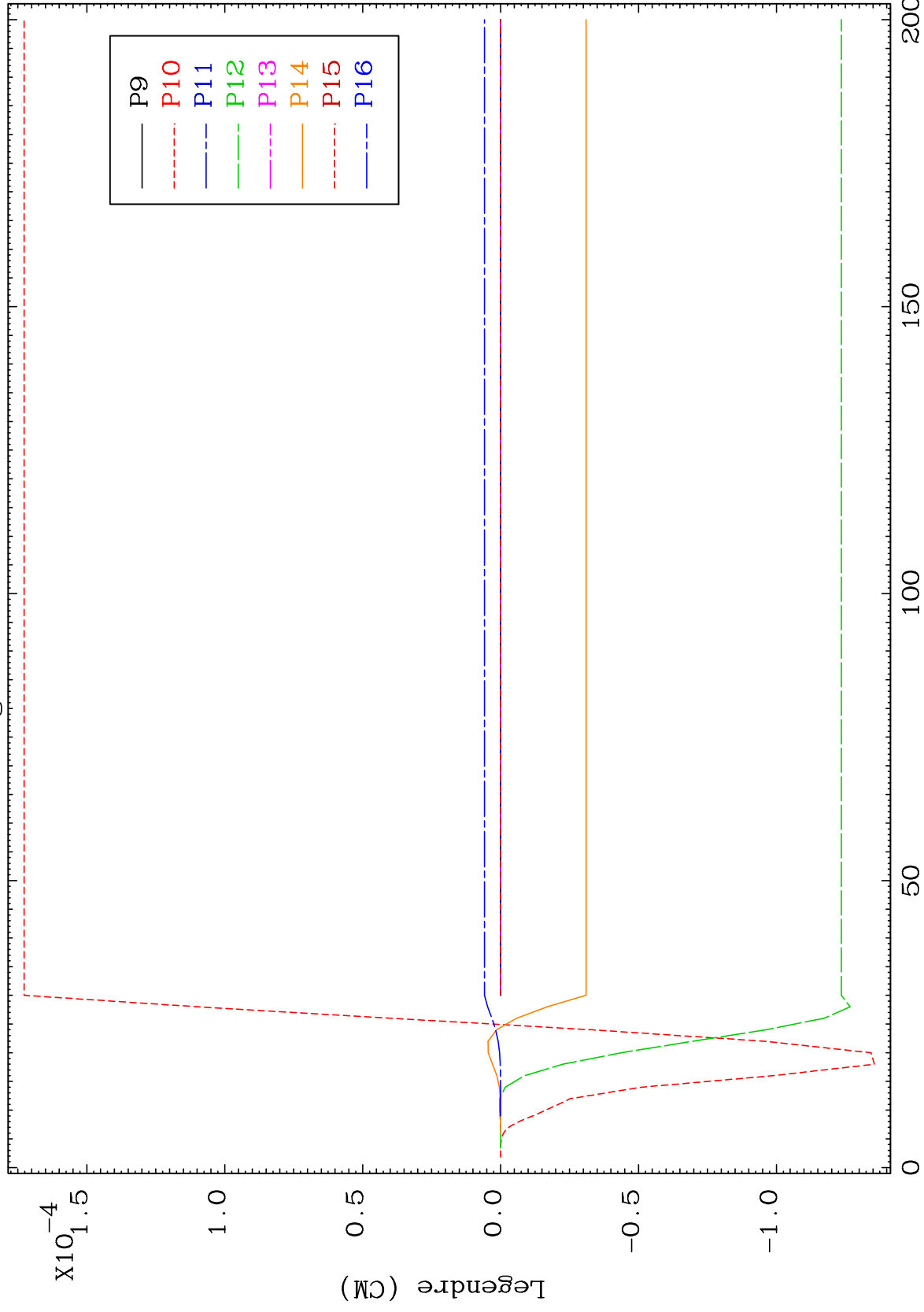
43-Tc-94



MAT 4310

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

43-Tc-94



38

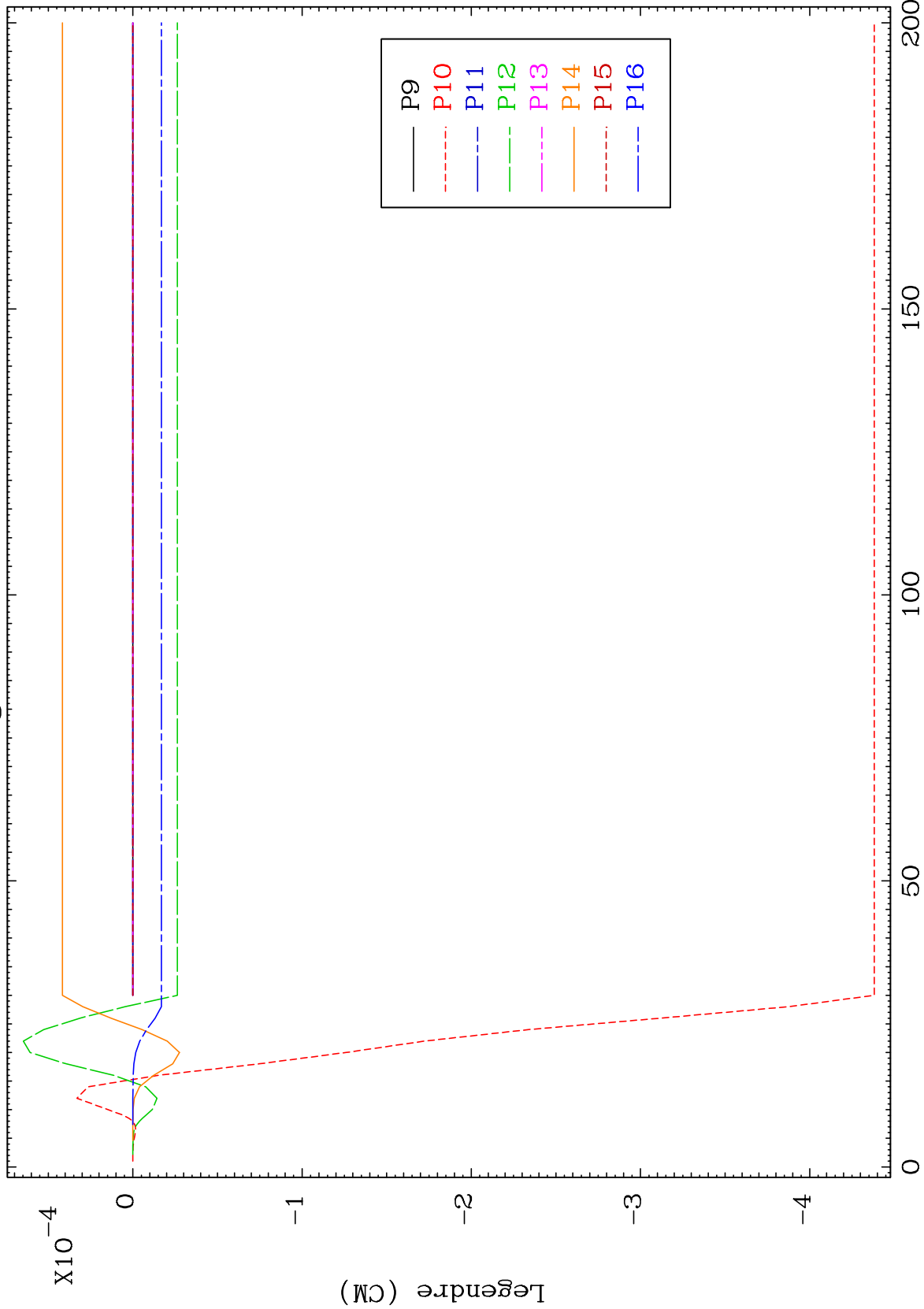
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

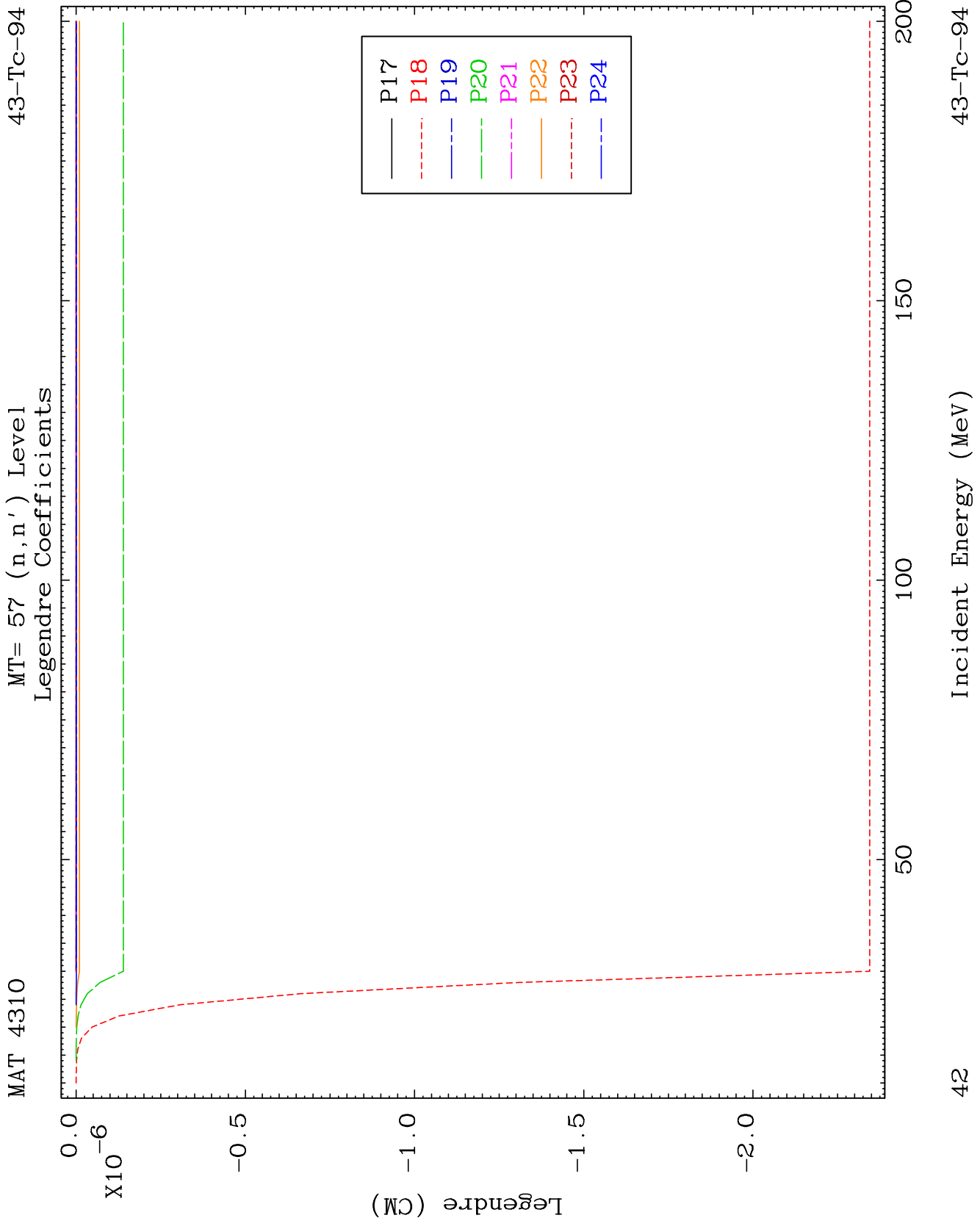
43-Tc-94



41

Incident Energy (MeV)

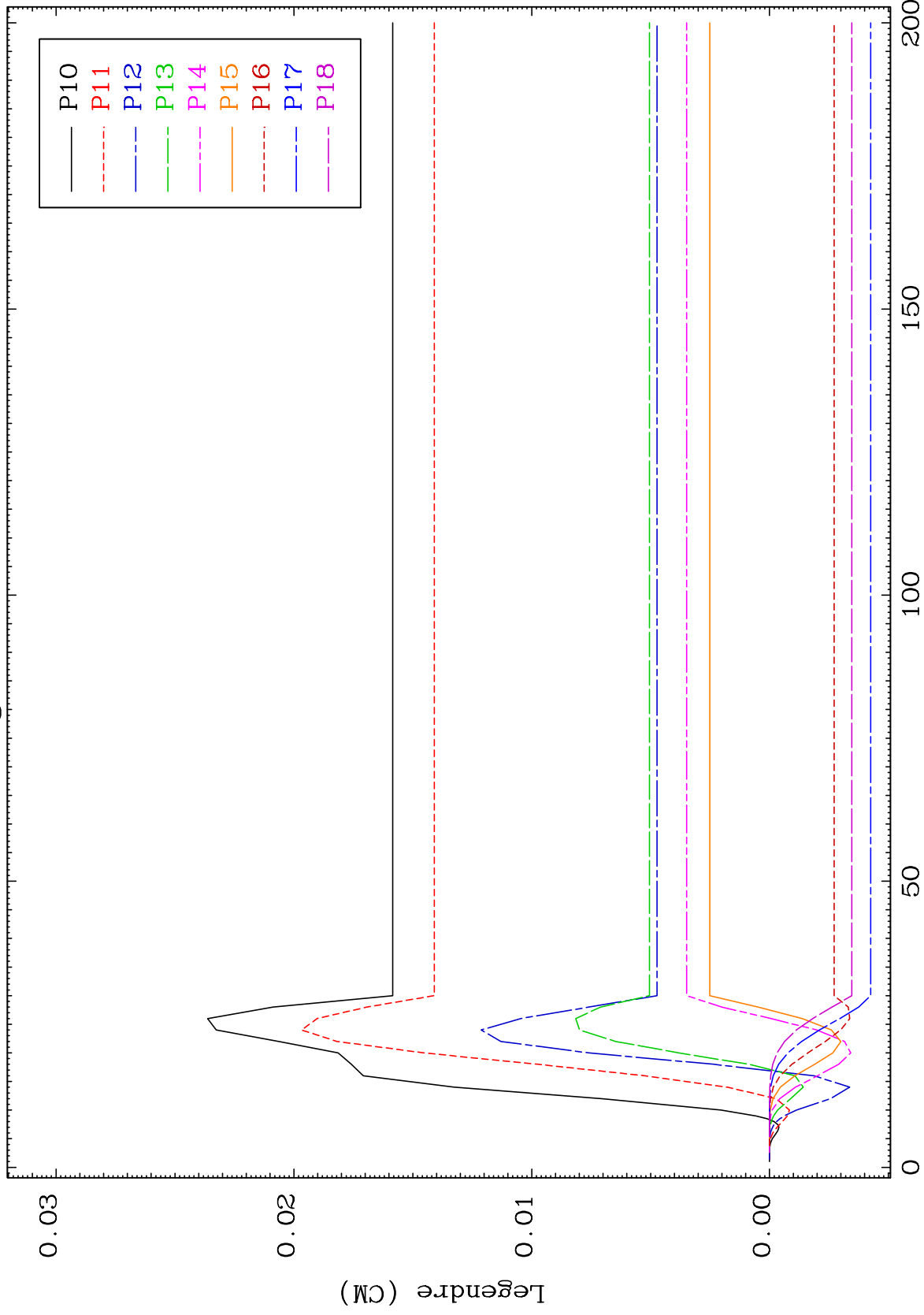
43-Tc-94



MAT 4310

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

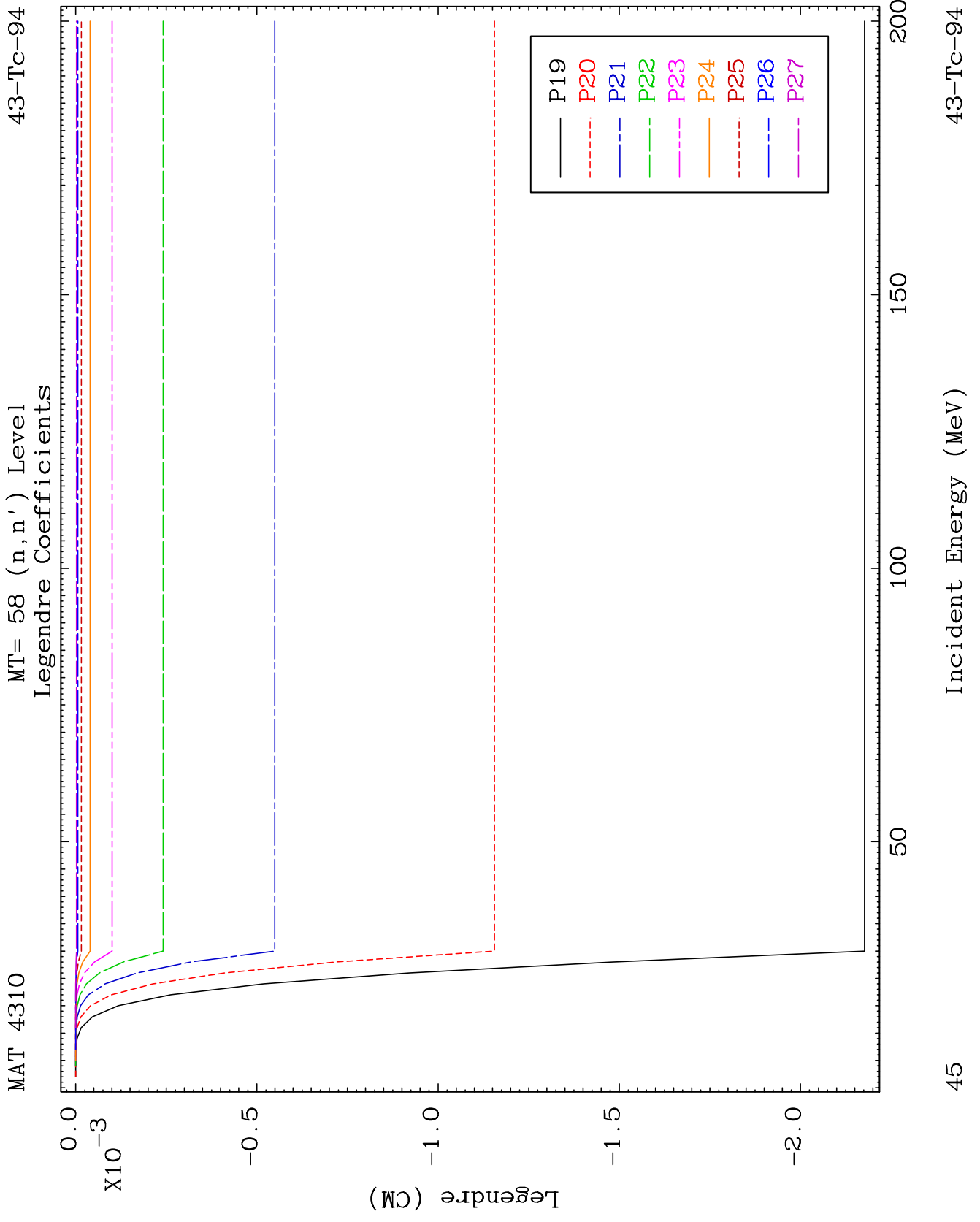
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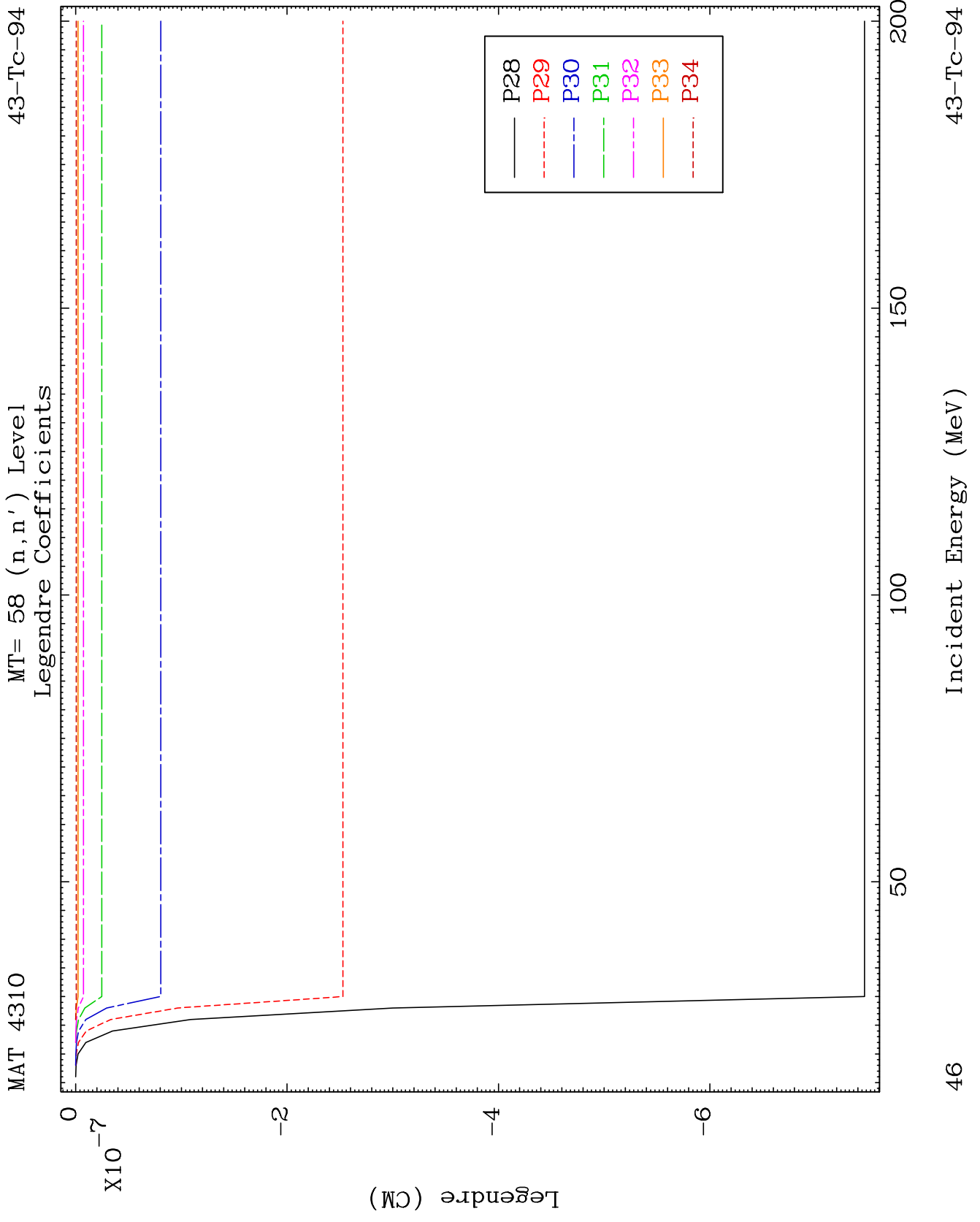


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Incident Energy (MeV)

43-Tc-94

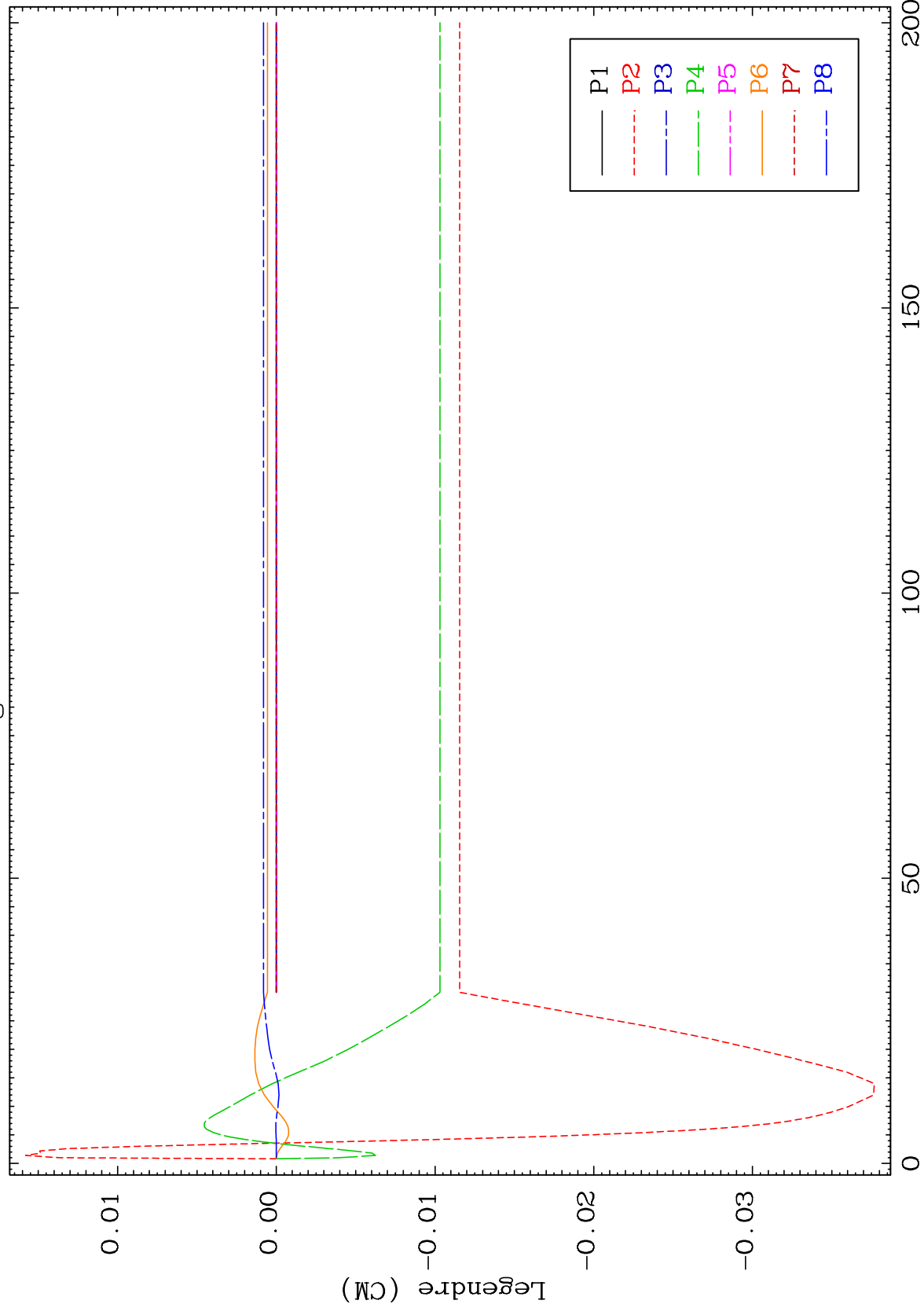




MAT 4310

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

43-Tc-94



47

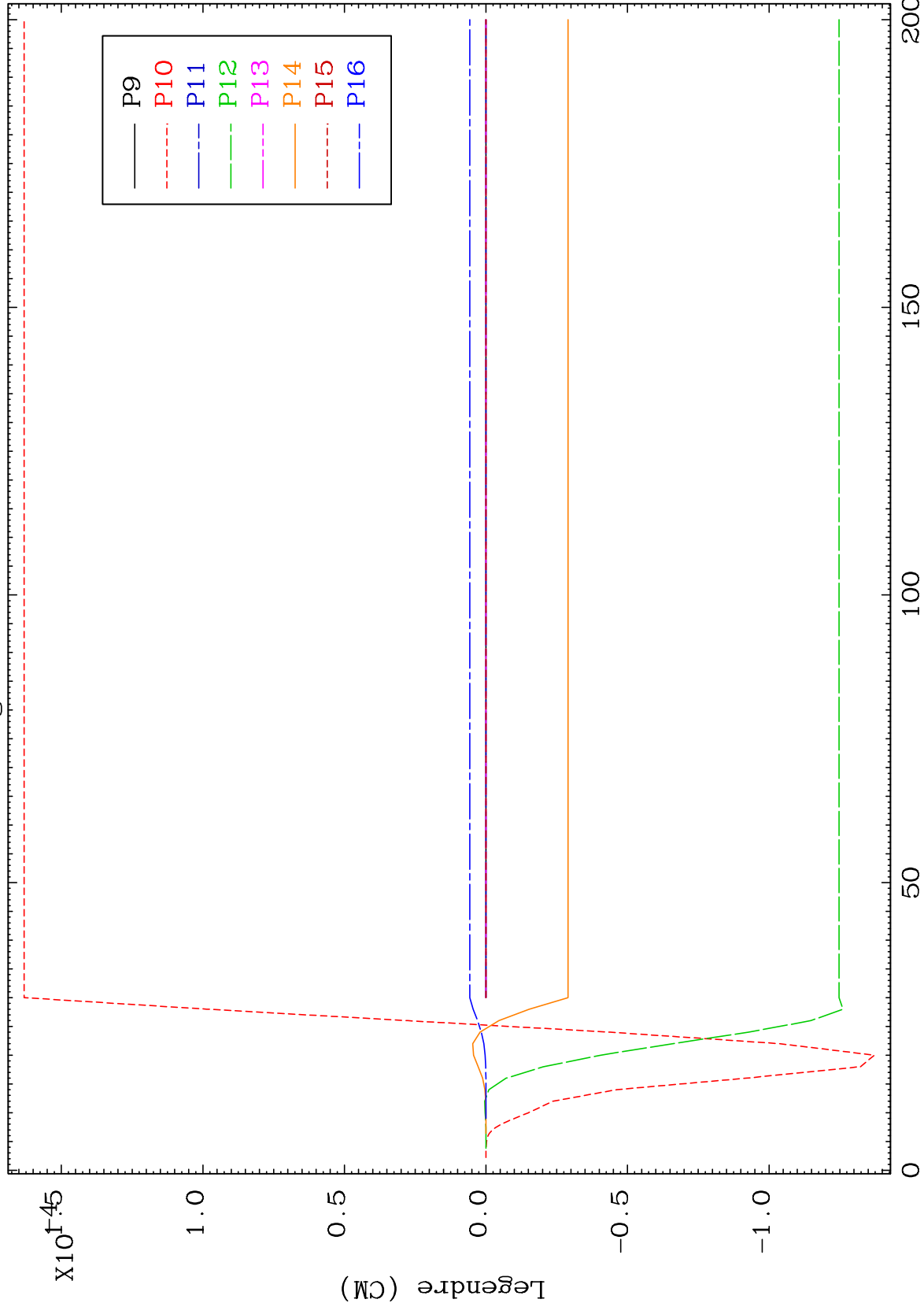
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

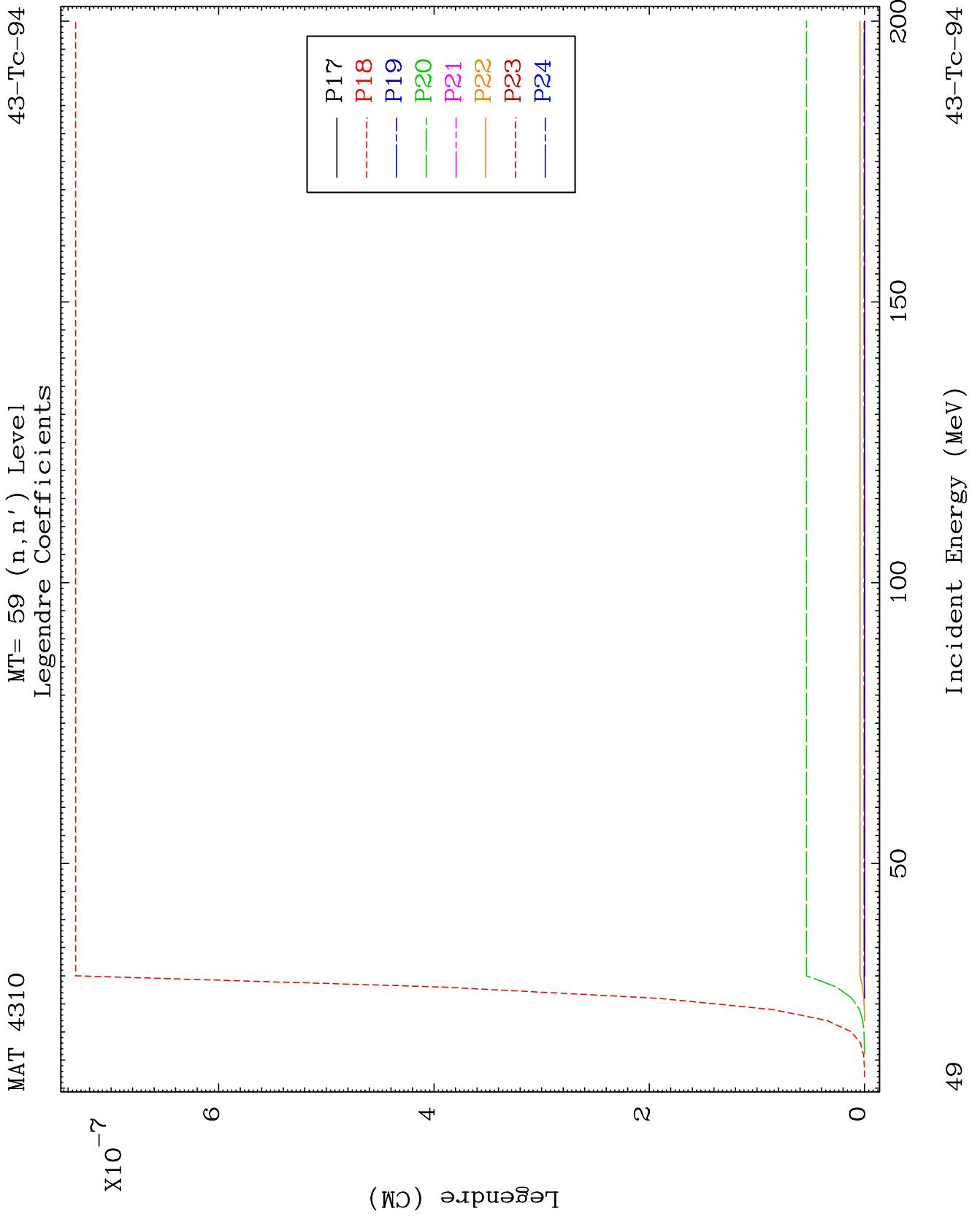
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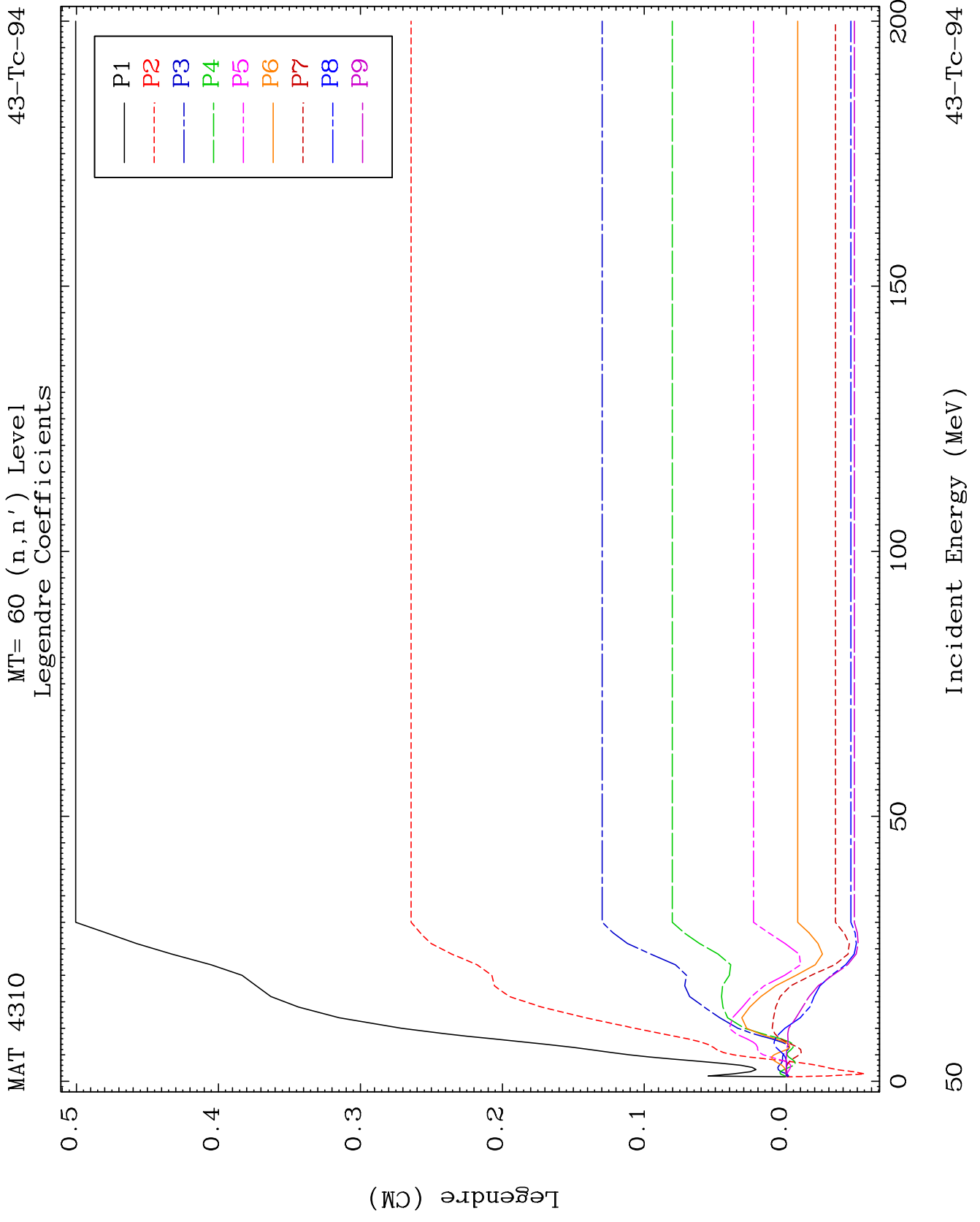


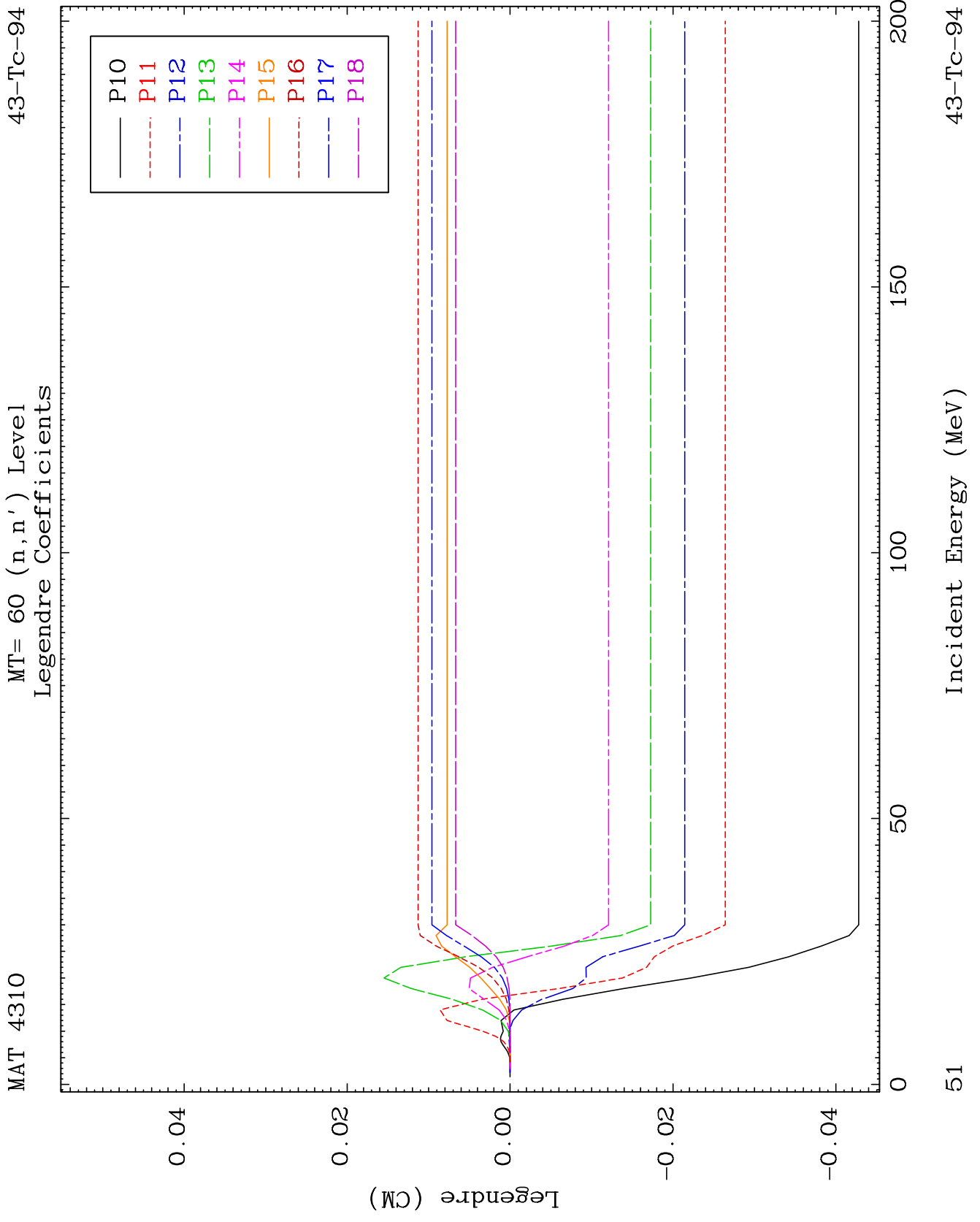
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Incident Energy (MeV)

43-Tc-94



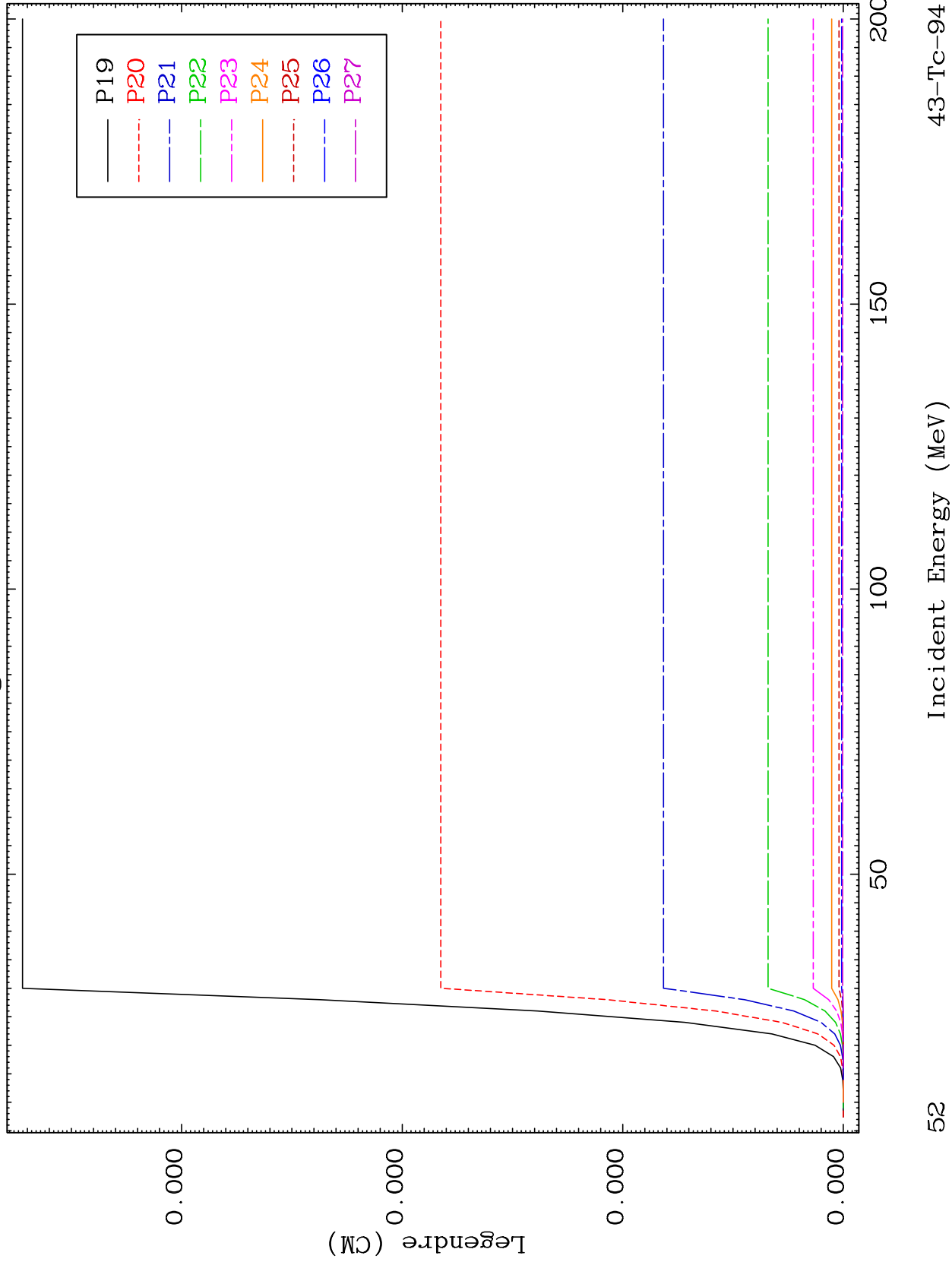




MAT 4310

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

43-Tc-94

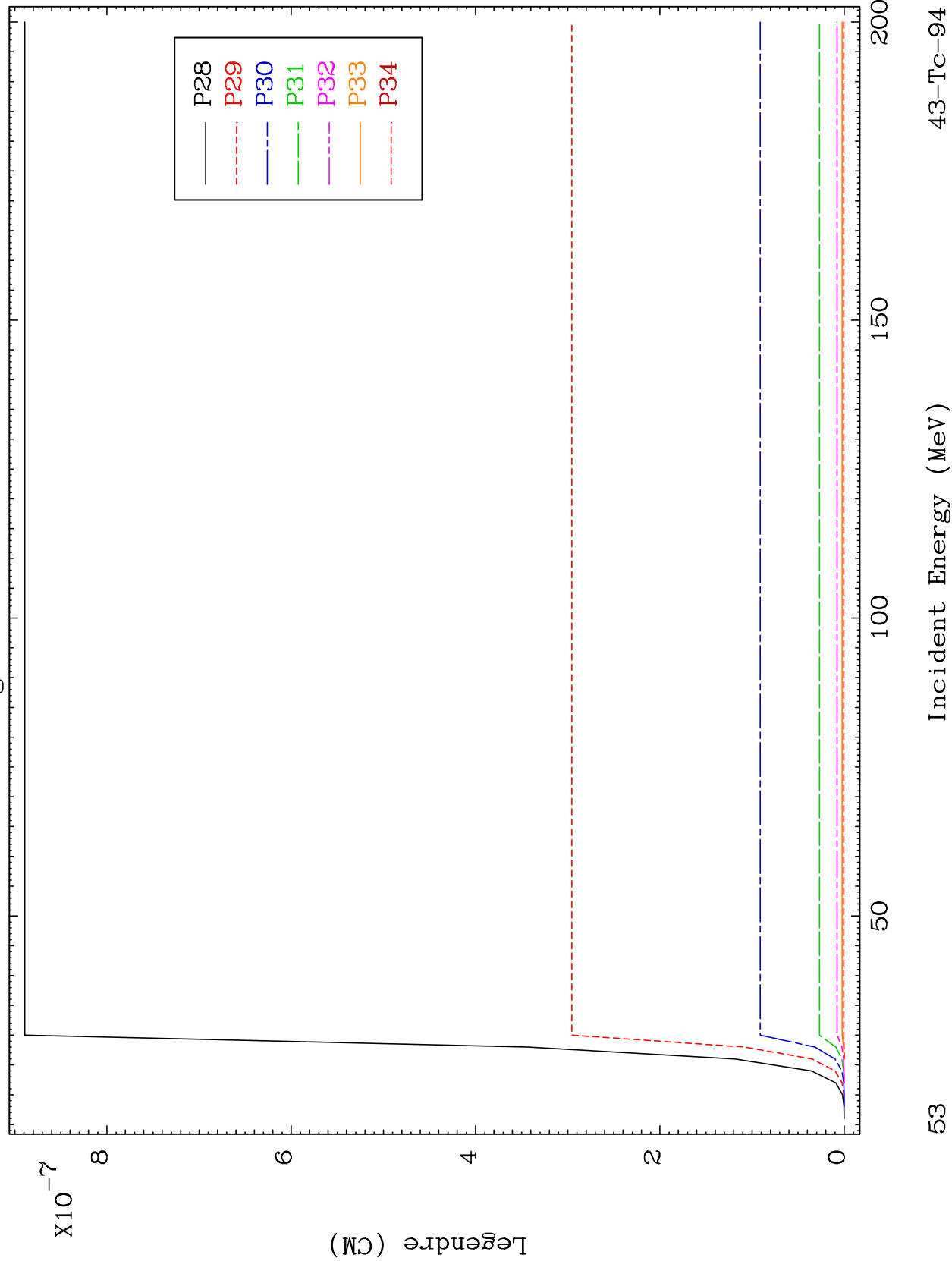


52

MAT 4310

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

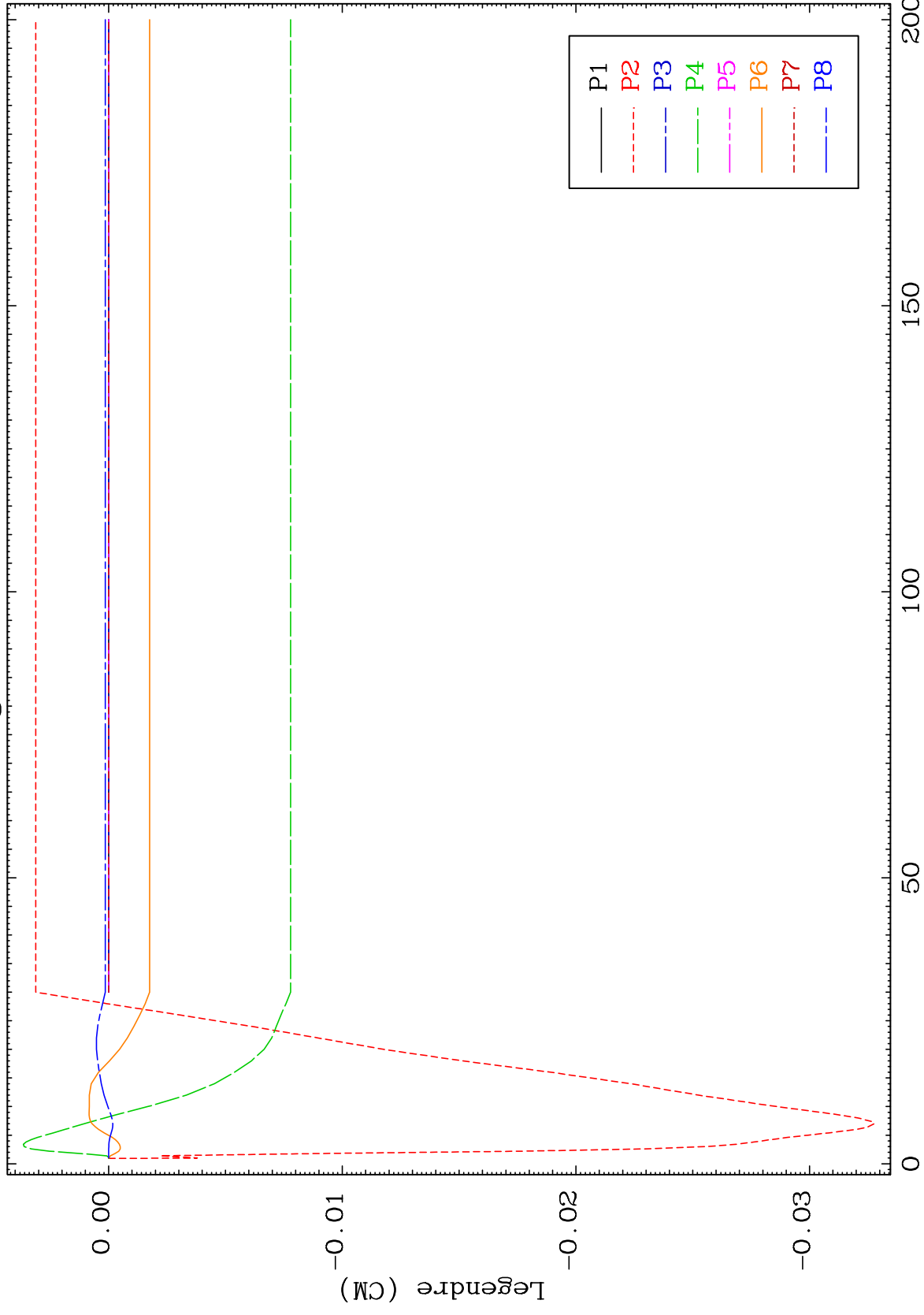
43-Tc-94



MAT 4310

MT= 61 (n,n') Level
Legendre Coefficients

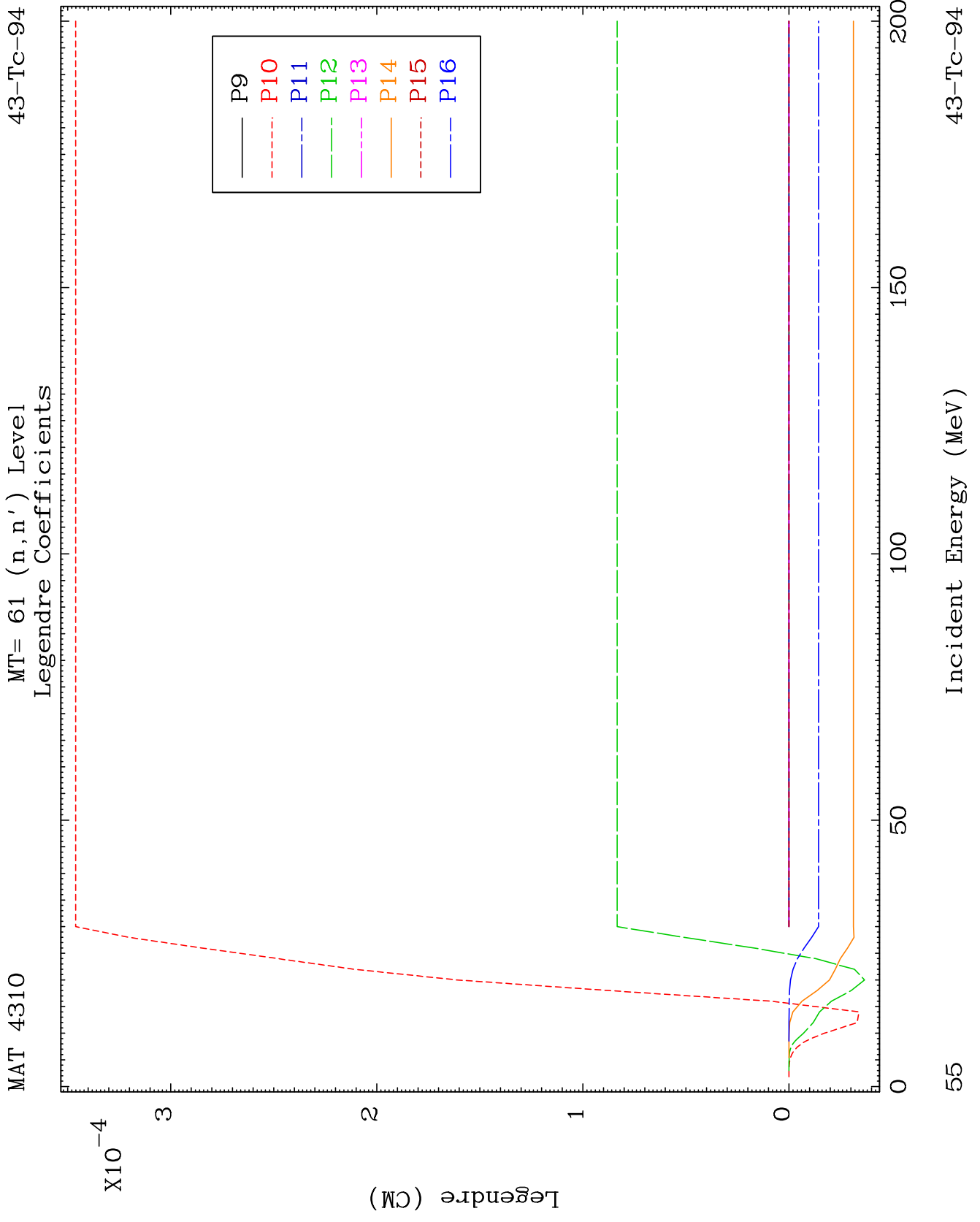
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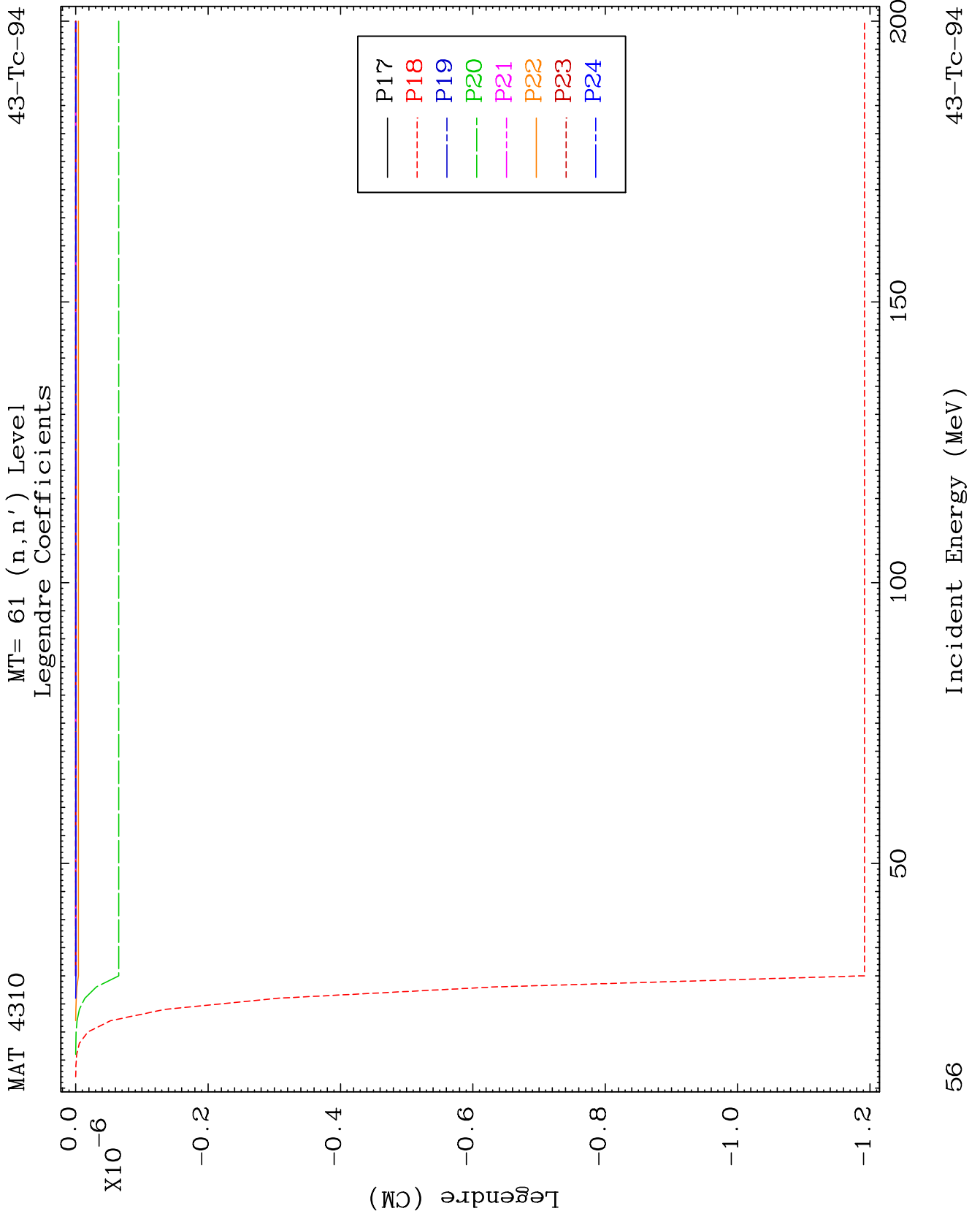


54

Incident Energy (MeV)

43-Tc-94

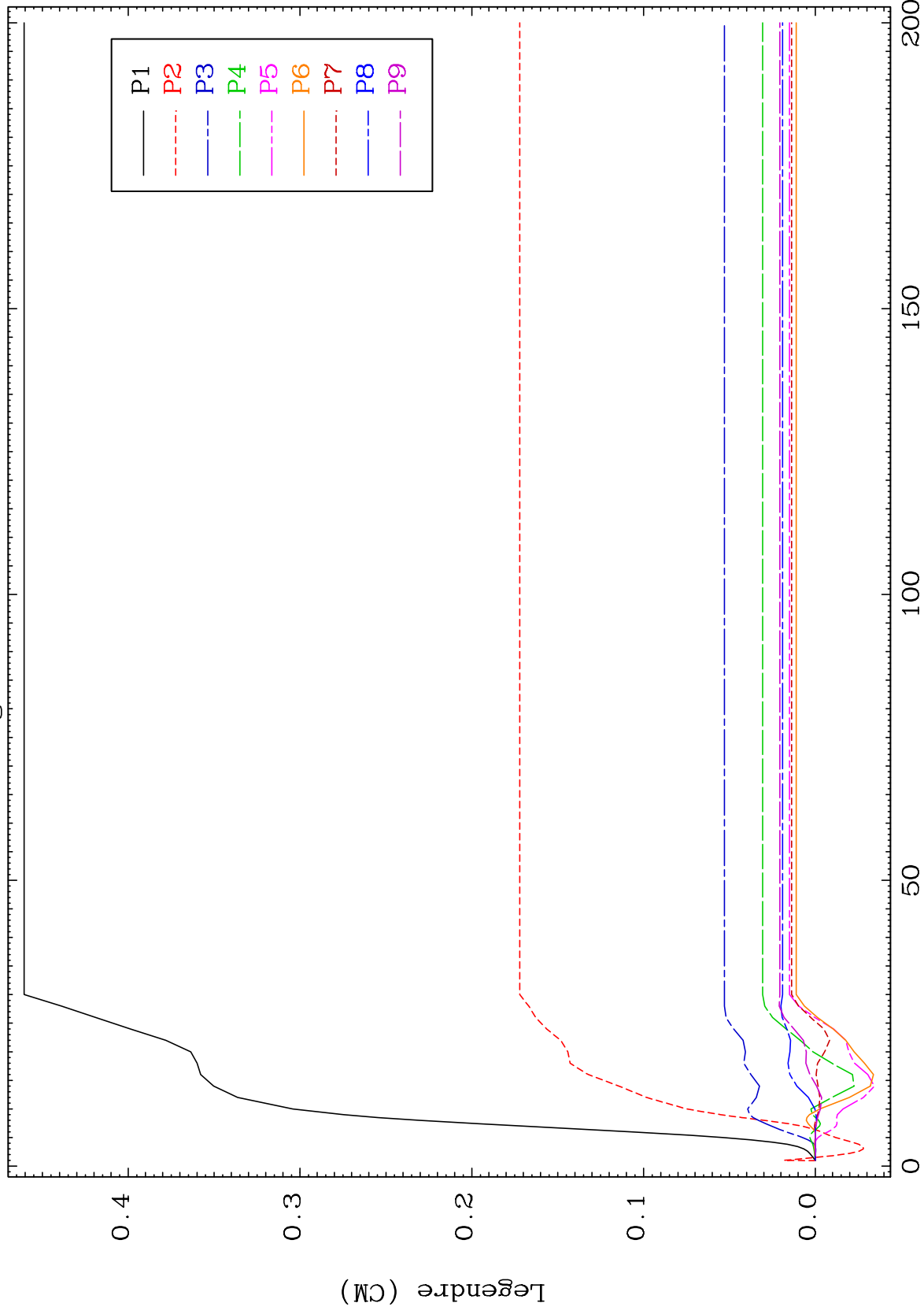




MAT 4310

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

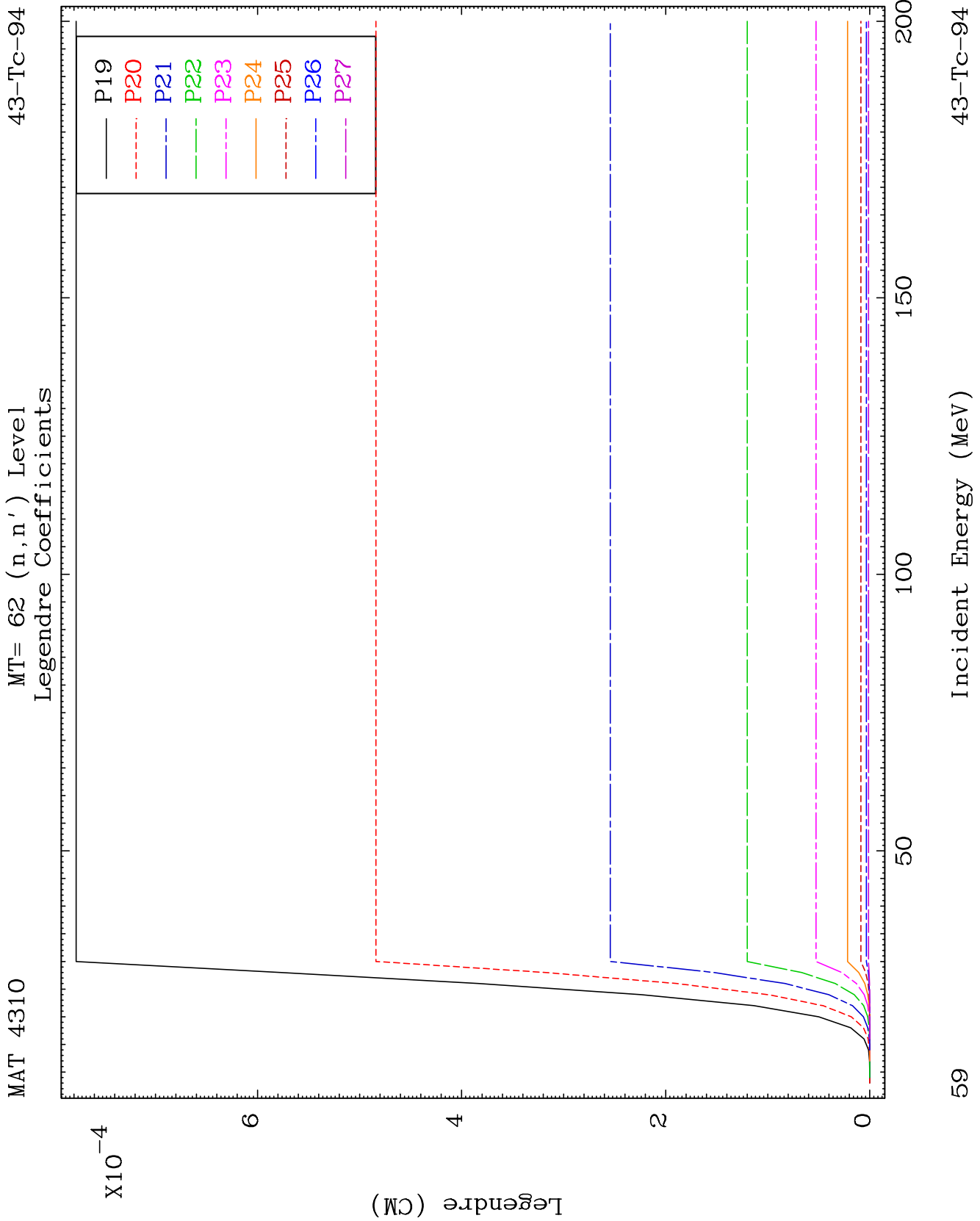
43-Tc-94



57

Incident Energy (MeV)

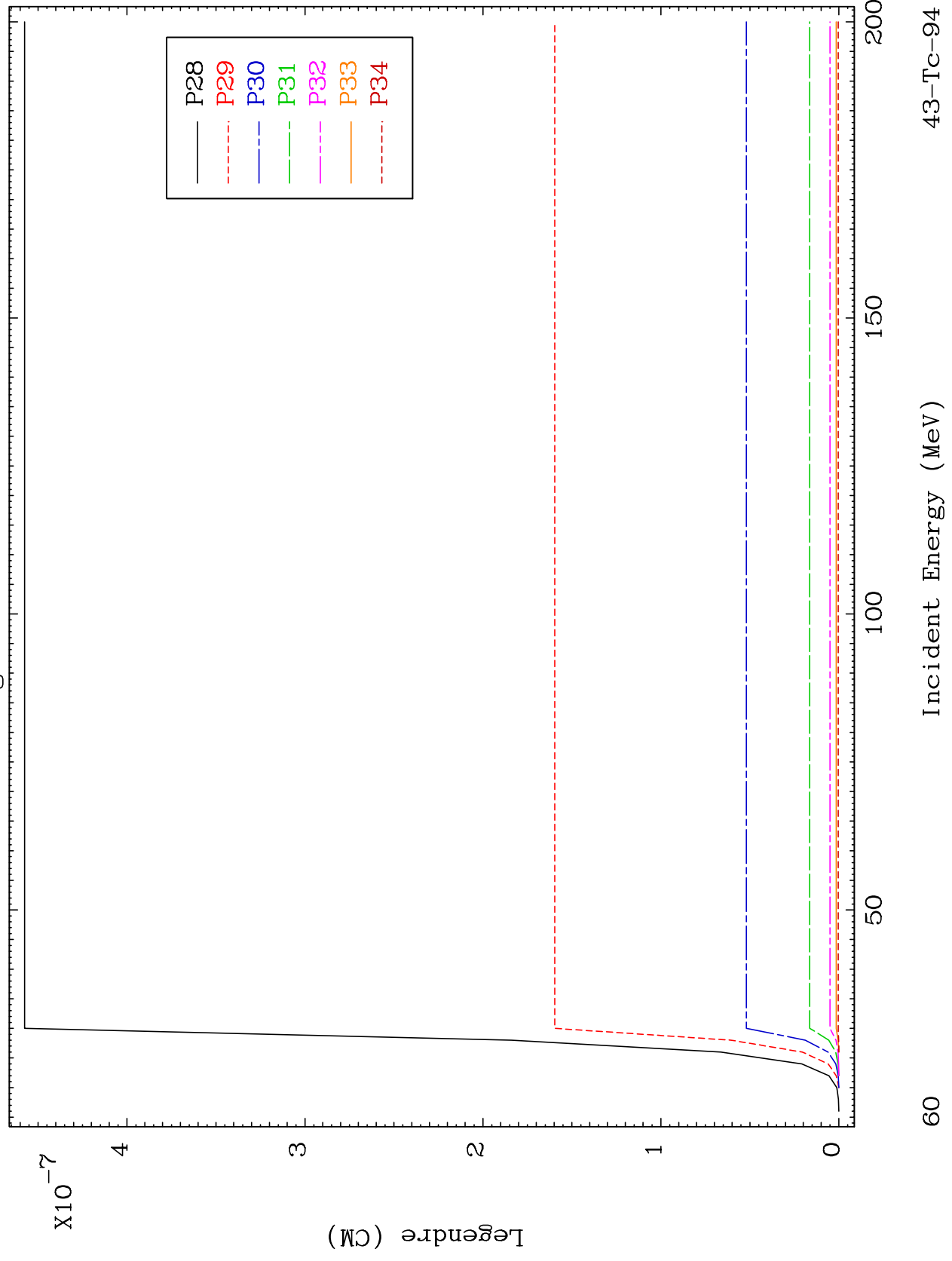
43-Tc-94



MAT 4310

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

43-Tc-94



60

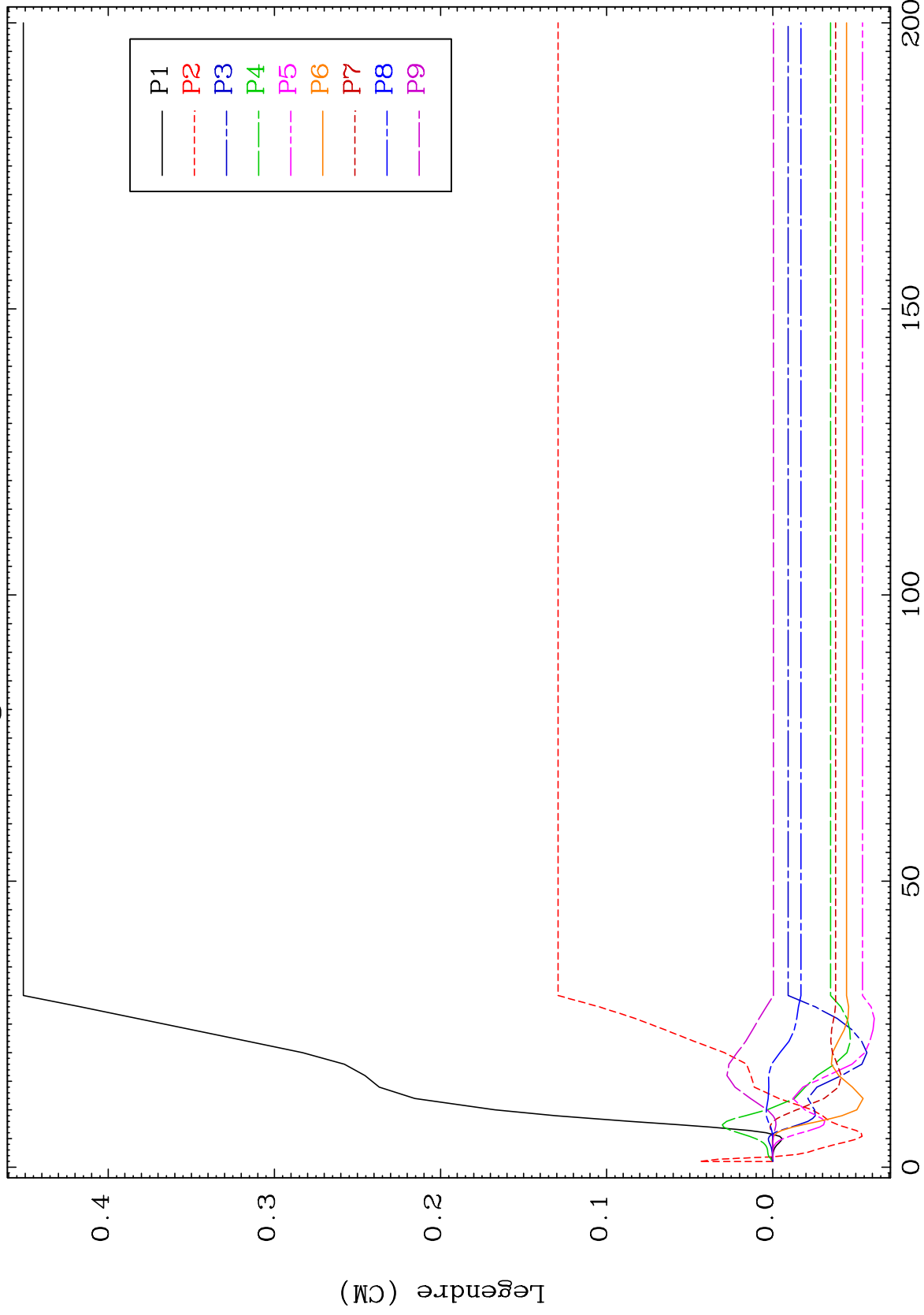
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



61

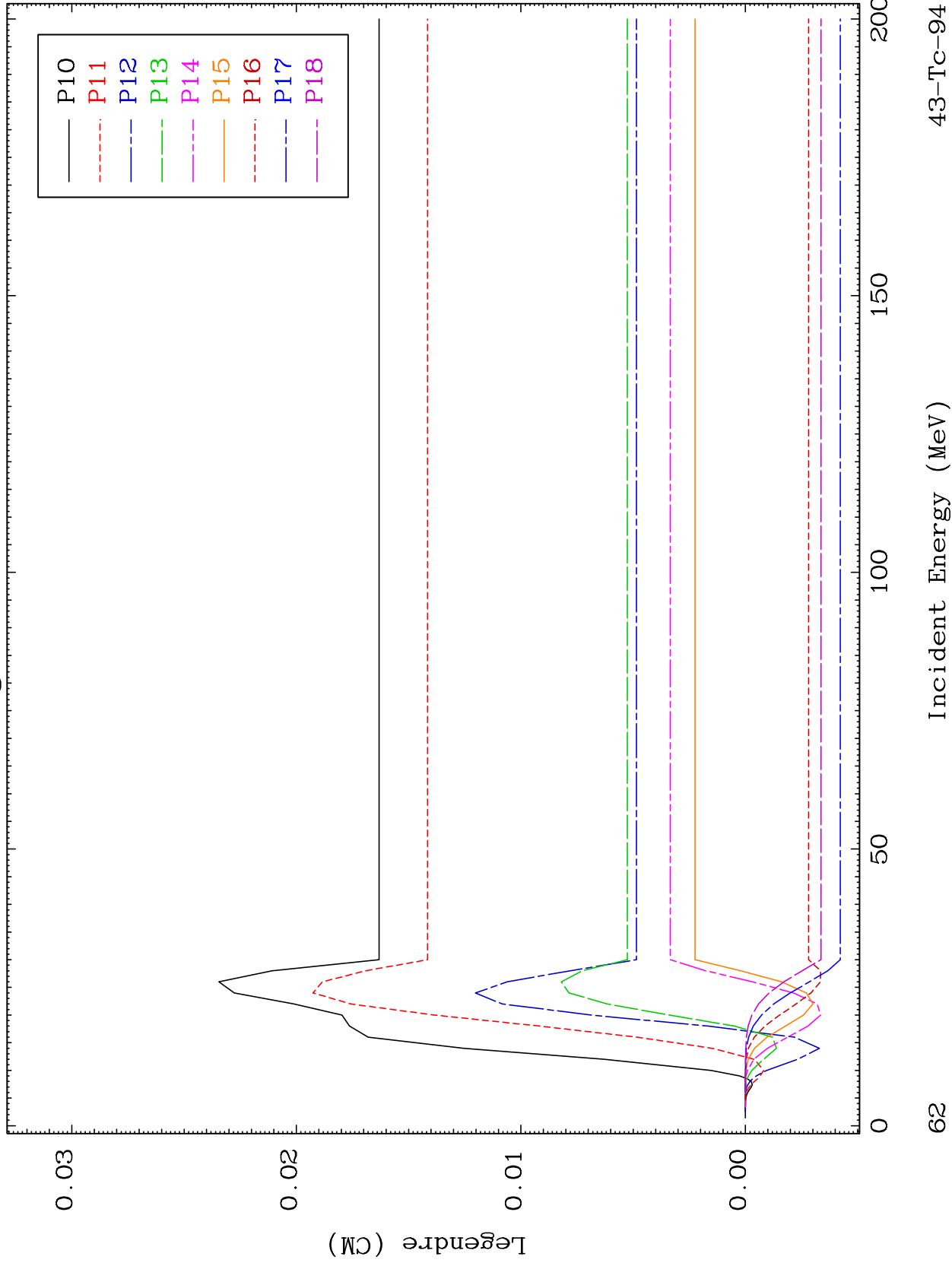
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

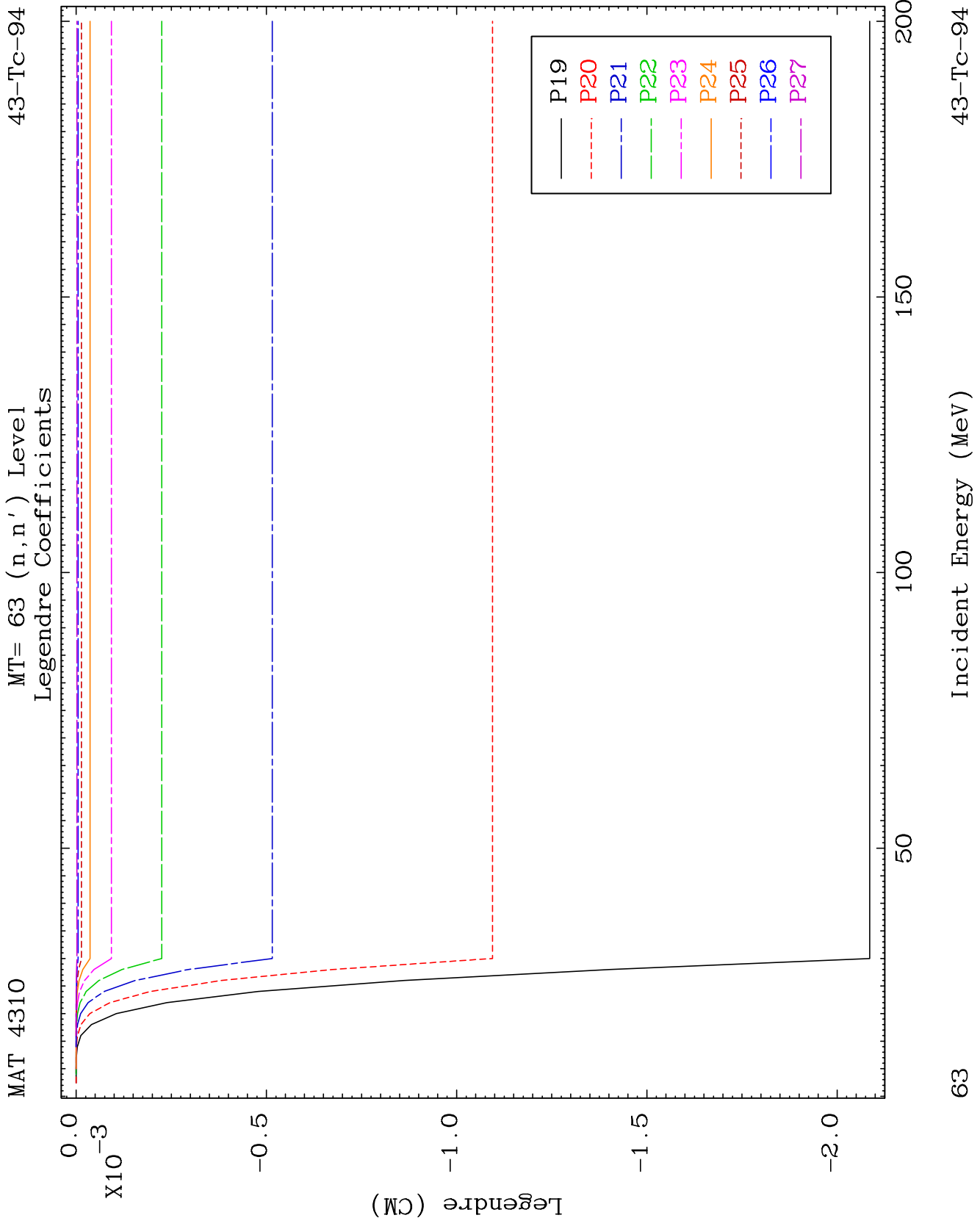
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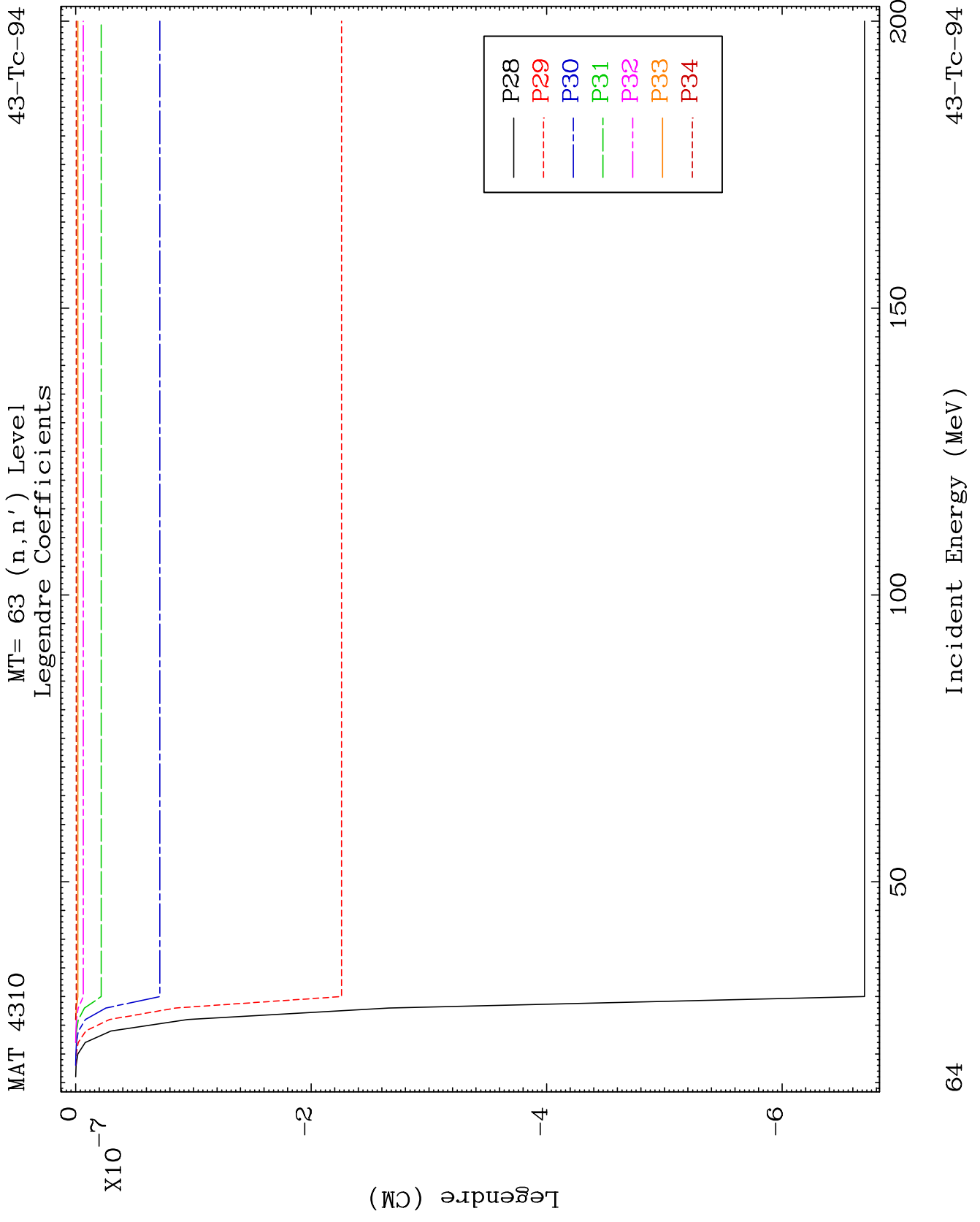


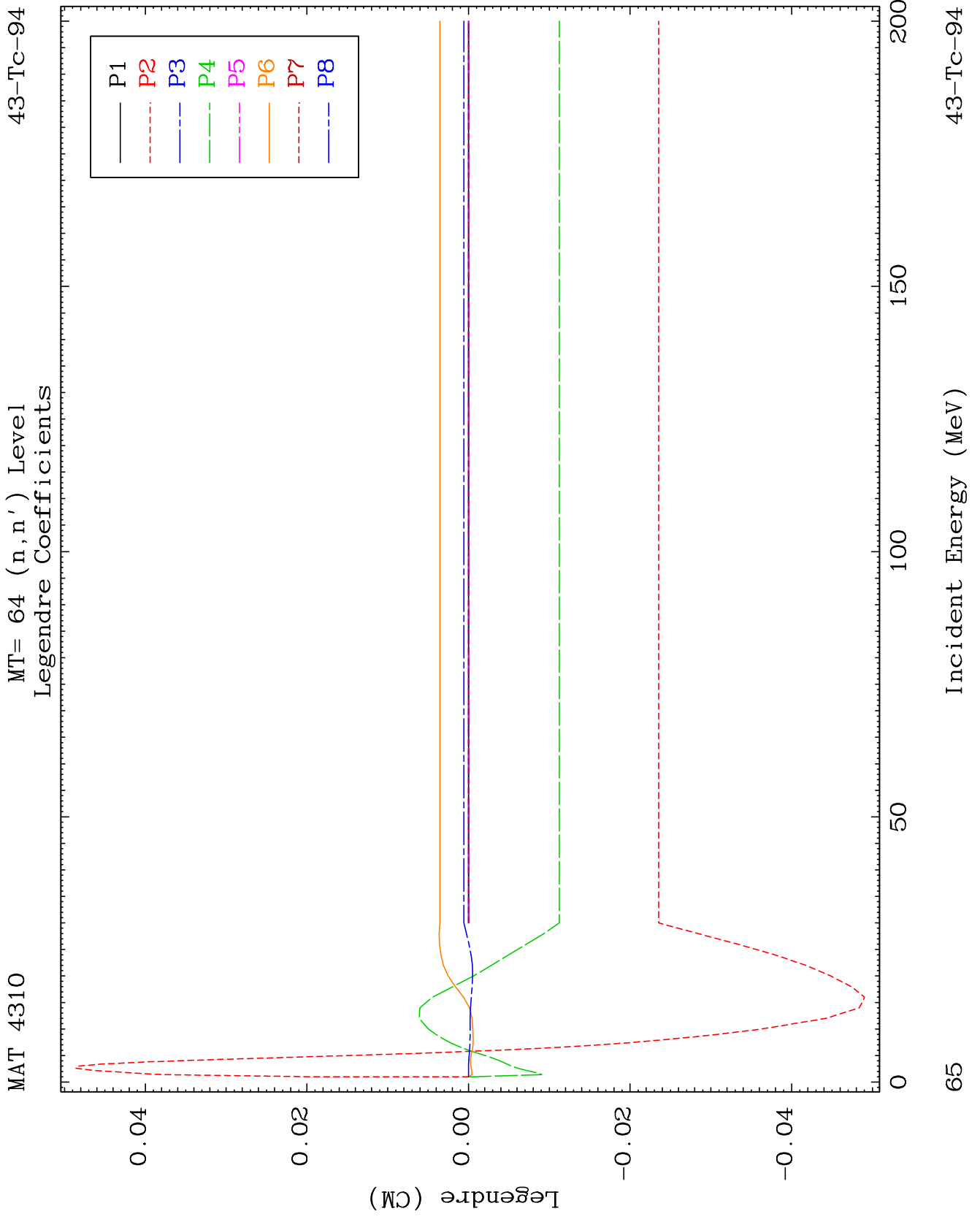
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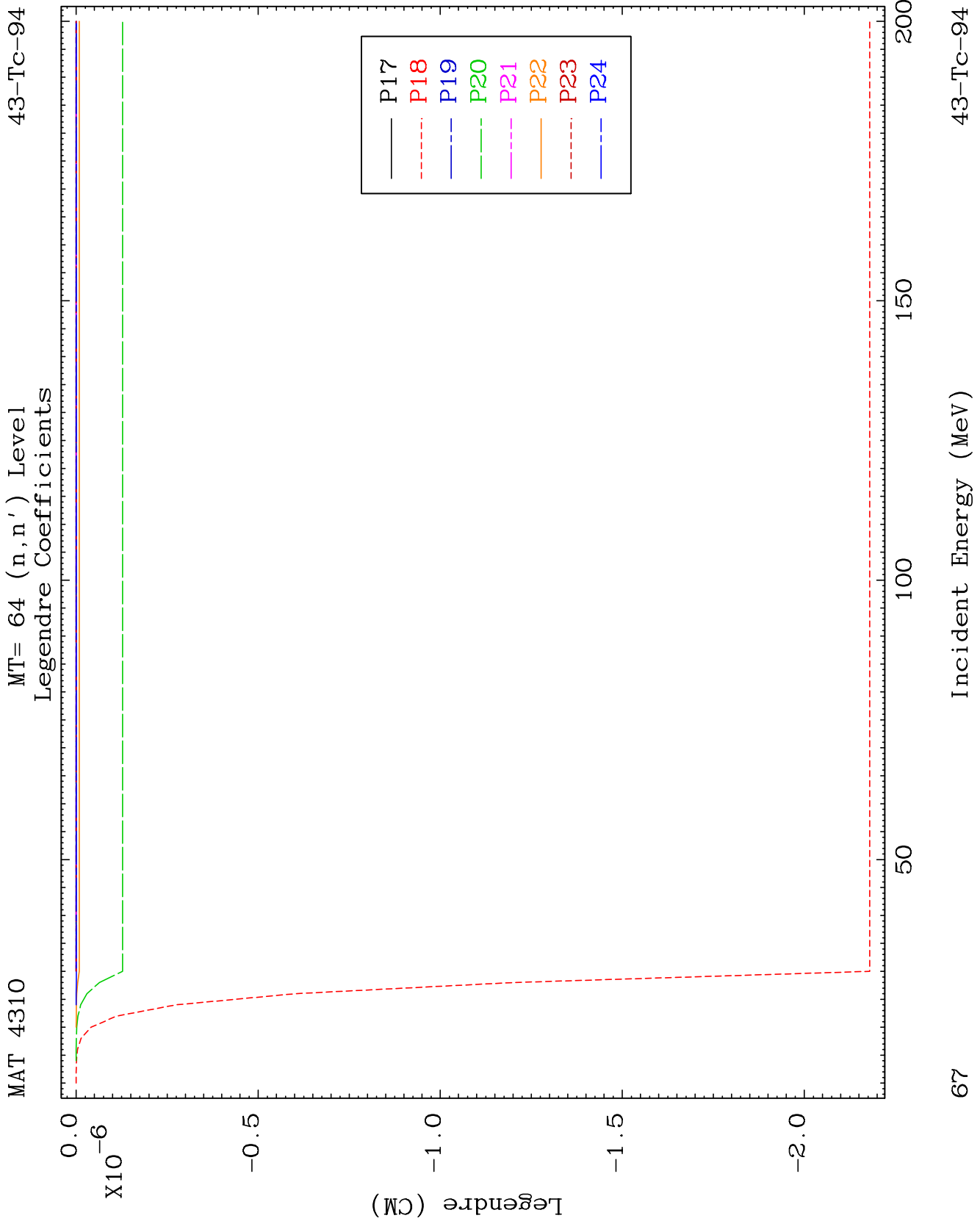
Incident Energy (MeV)

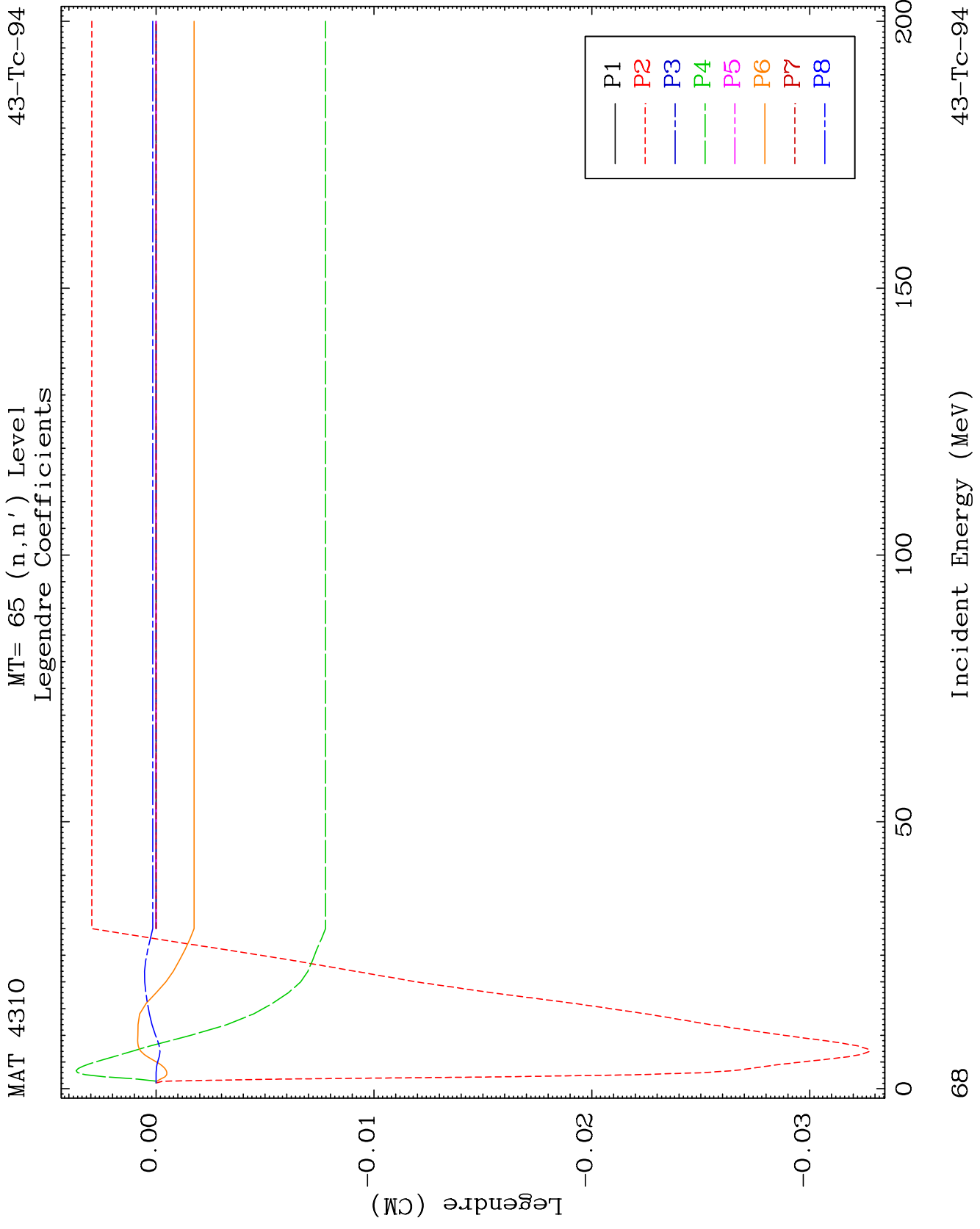
62







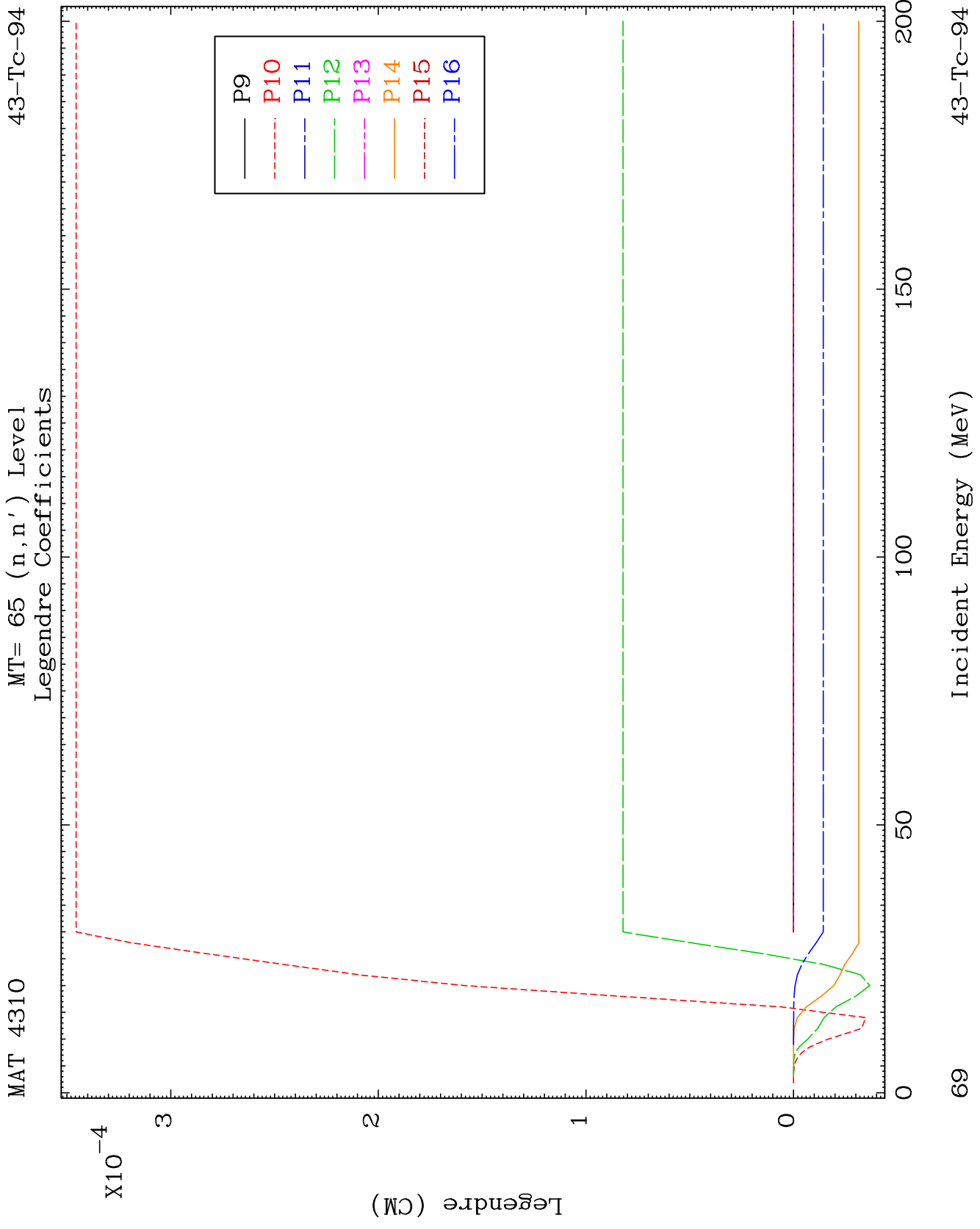


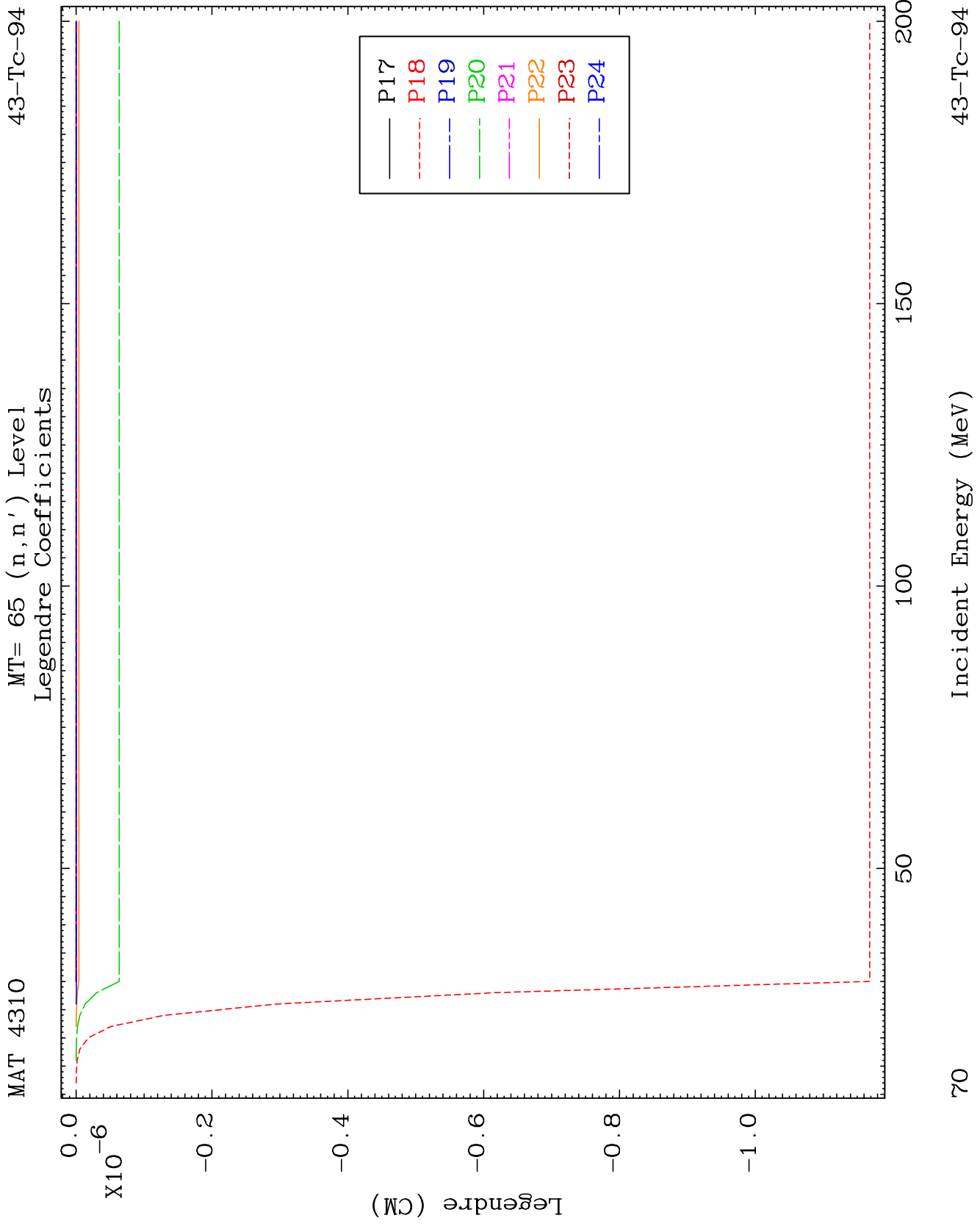


43-Tc-94

Incident Energy (MeV)

68

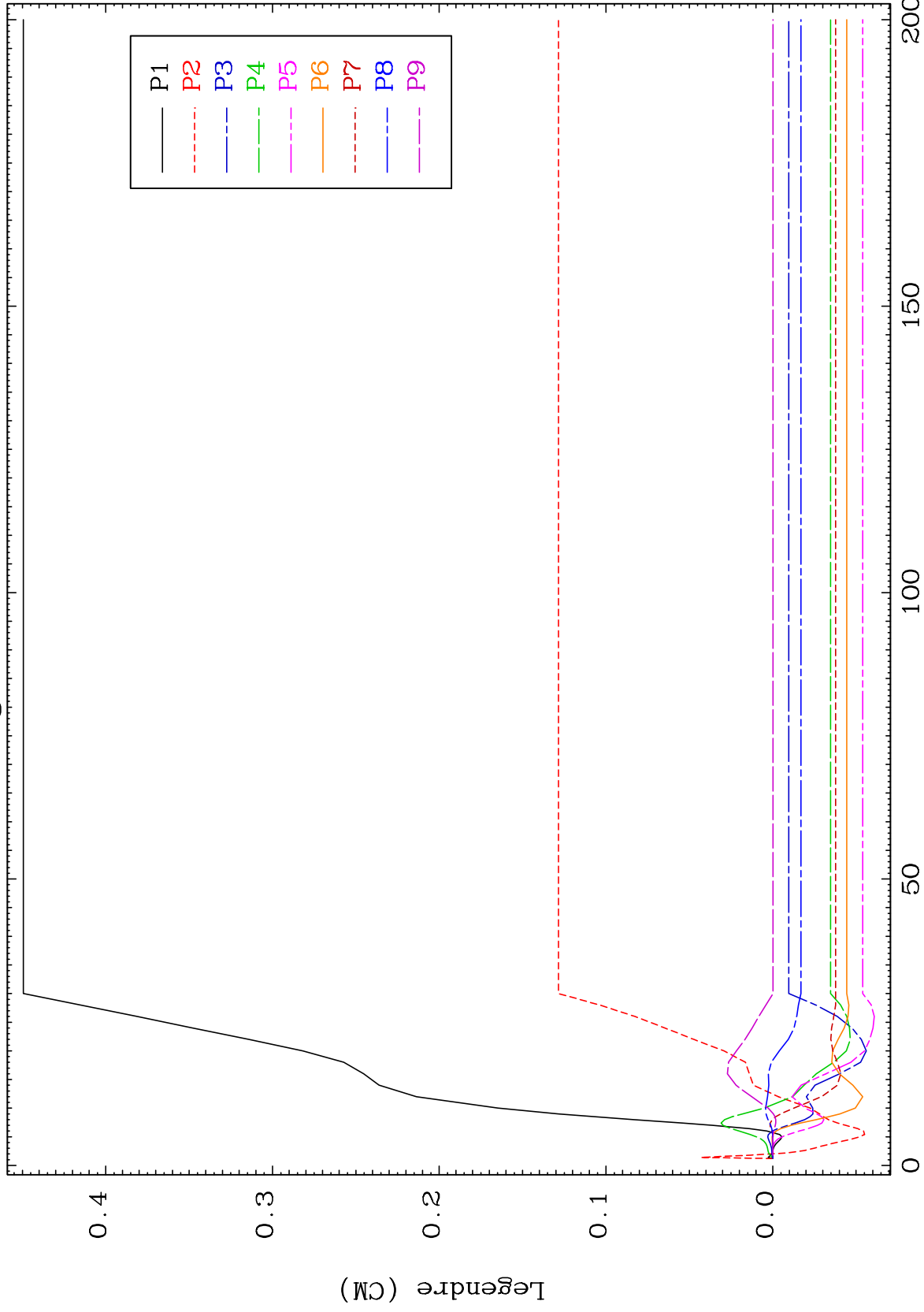




MAT 4310

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

43-Tc-94



71

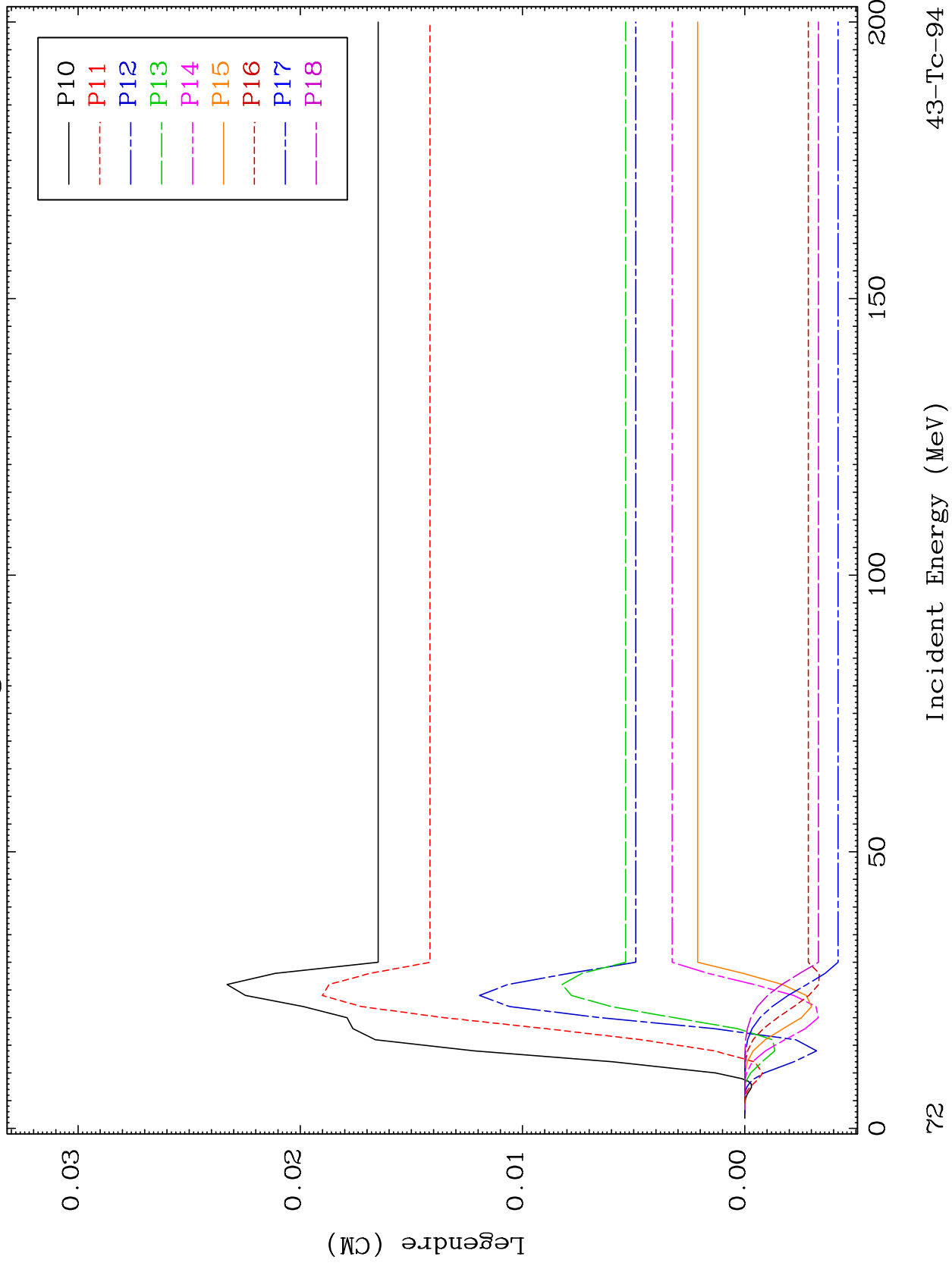
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

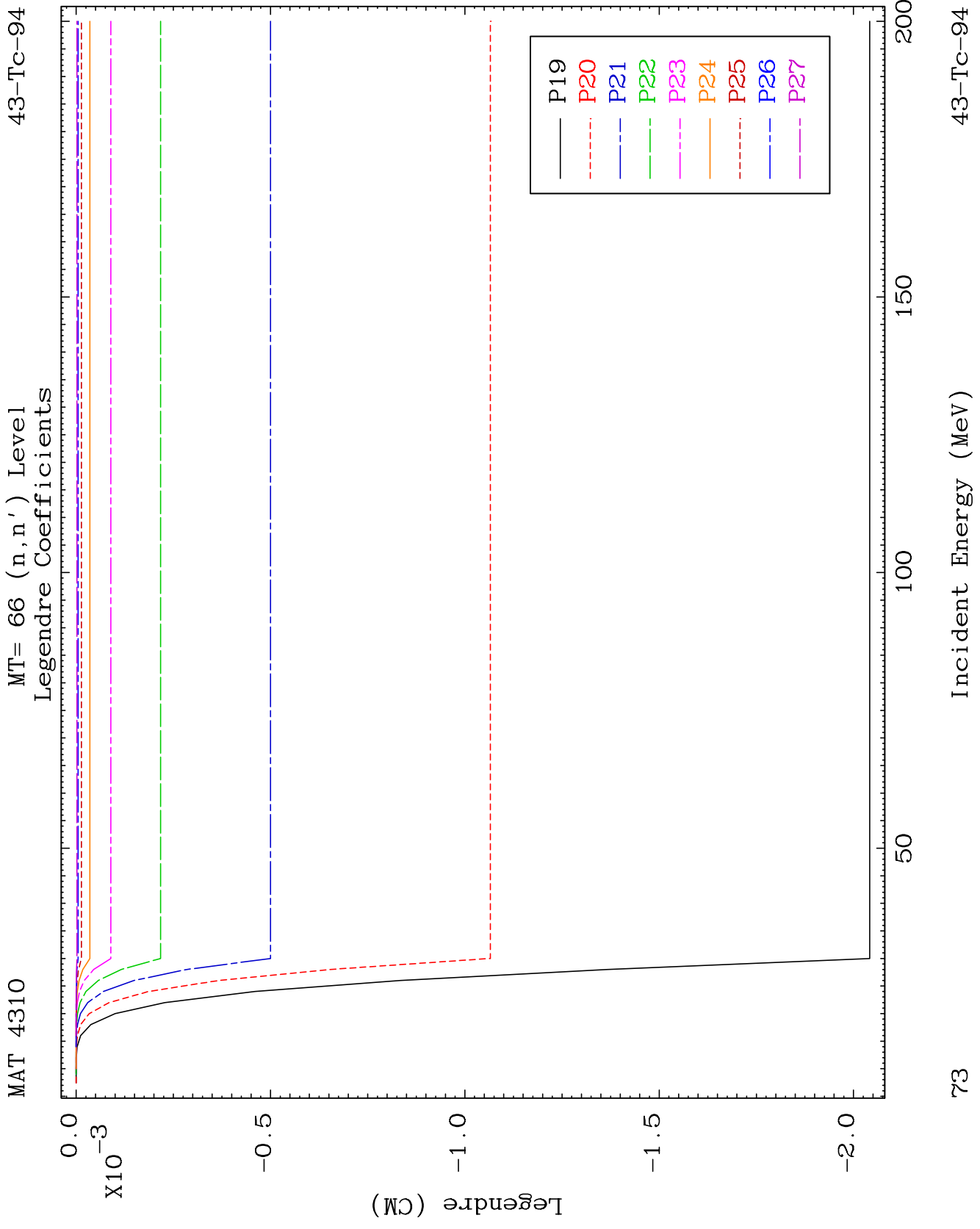
43-Tc-94

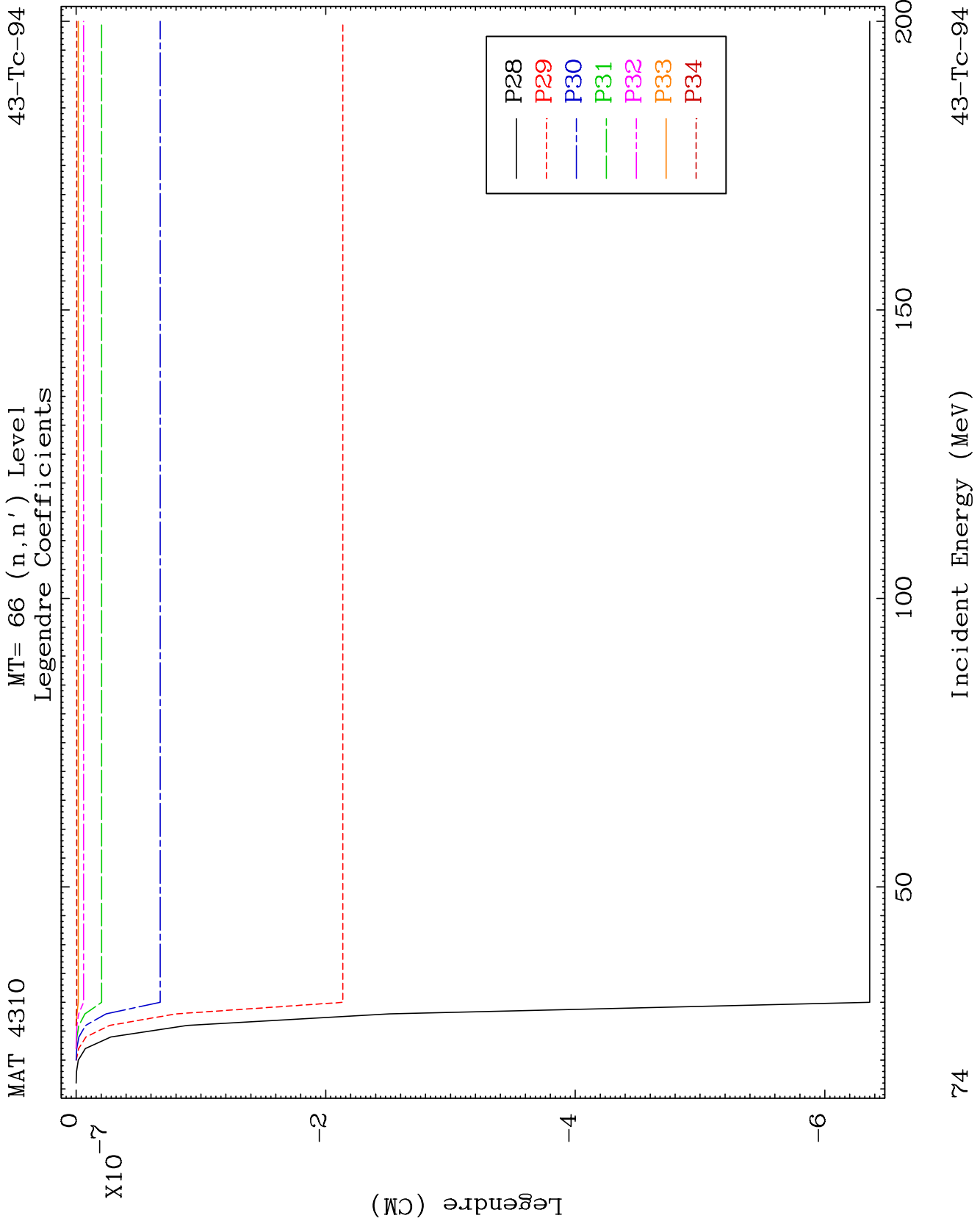


72

Incident Energy (MeV)

43-Tc-94

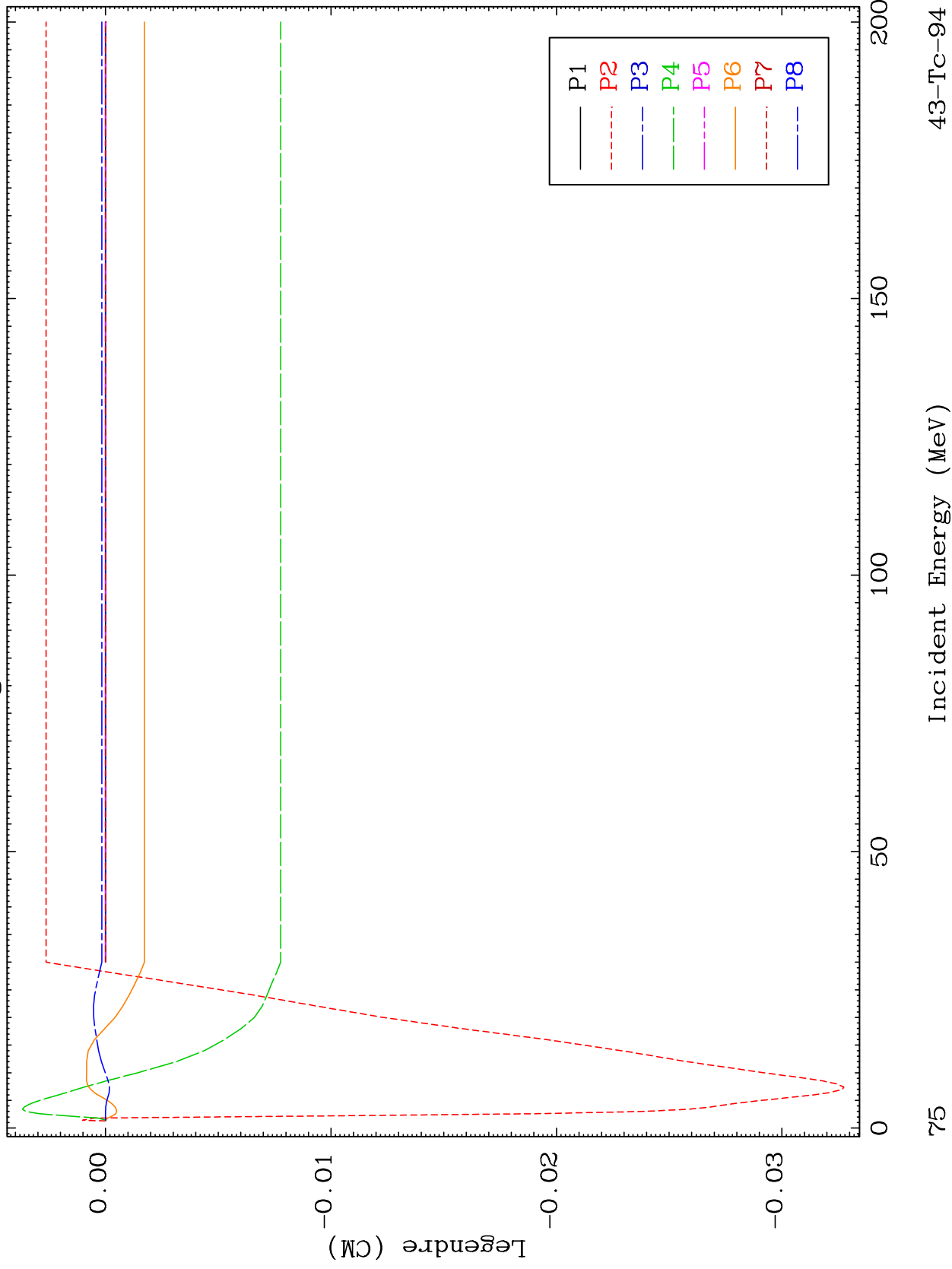




MAT 4310

43-Tc-94

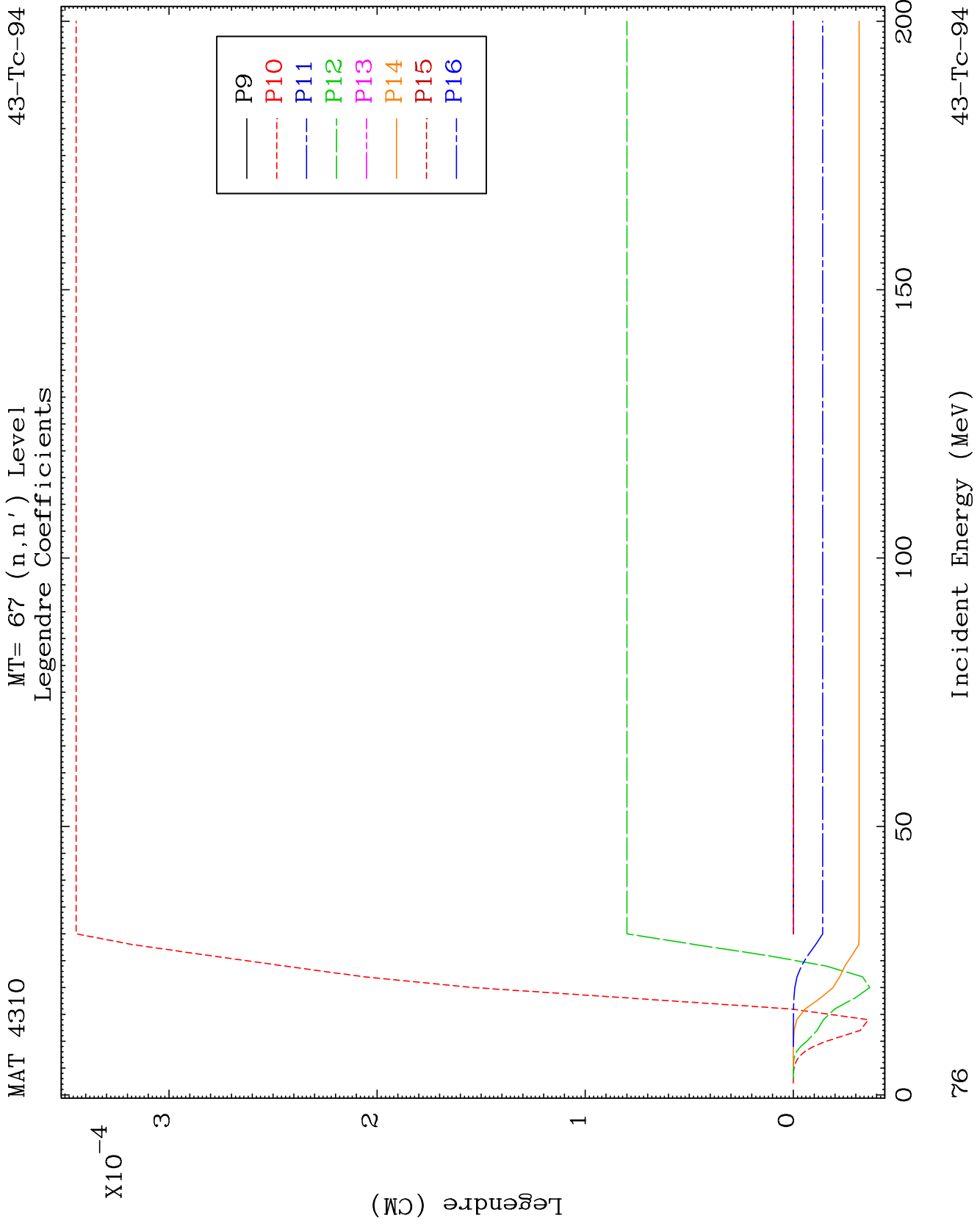
MT= 67 (n,n') Level
Legendre Coefficients

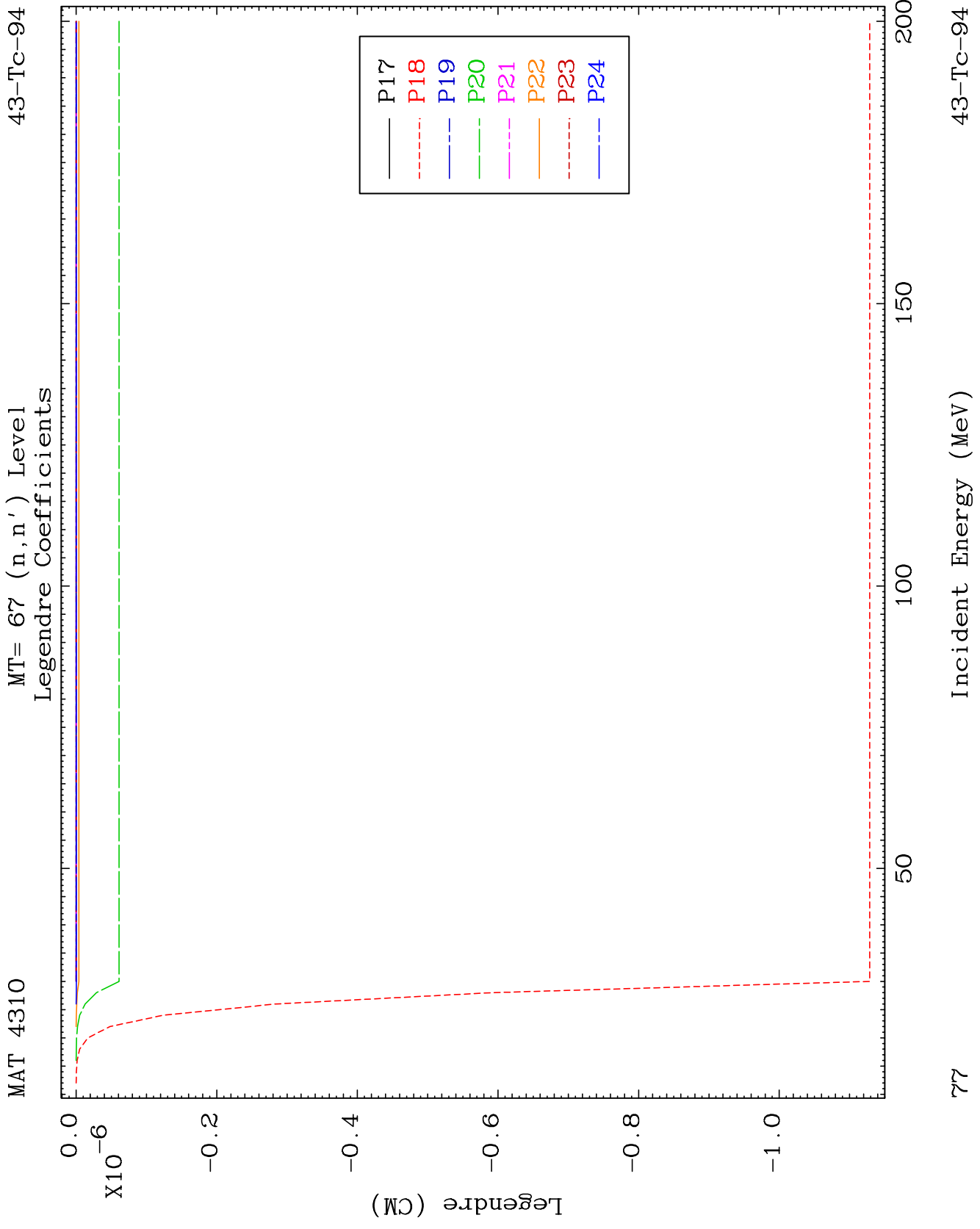


43-Tc-94

Incident Energy (MeV)

75

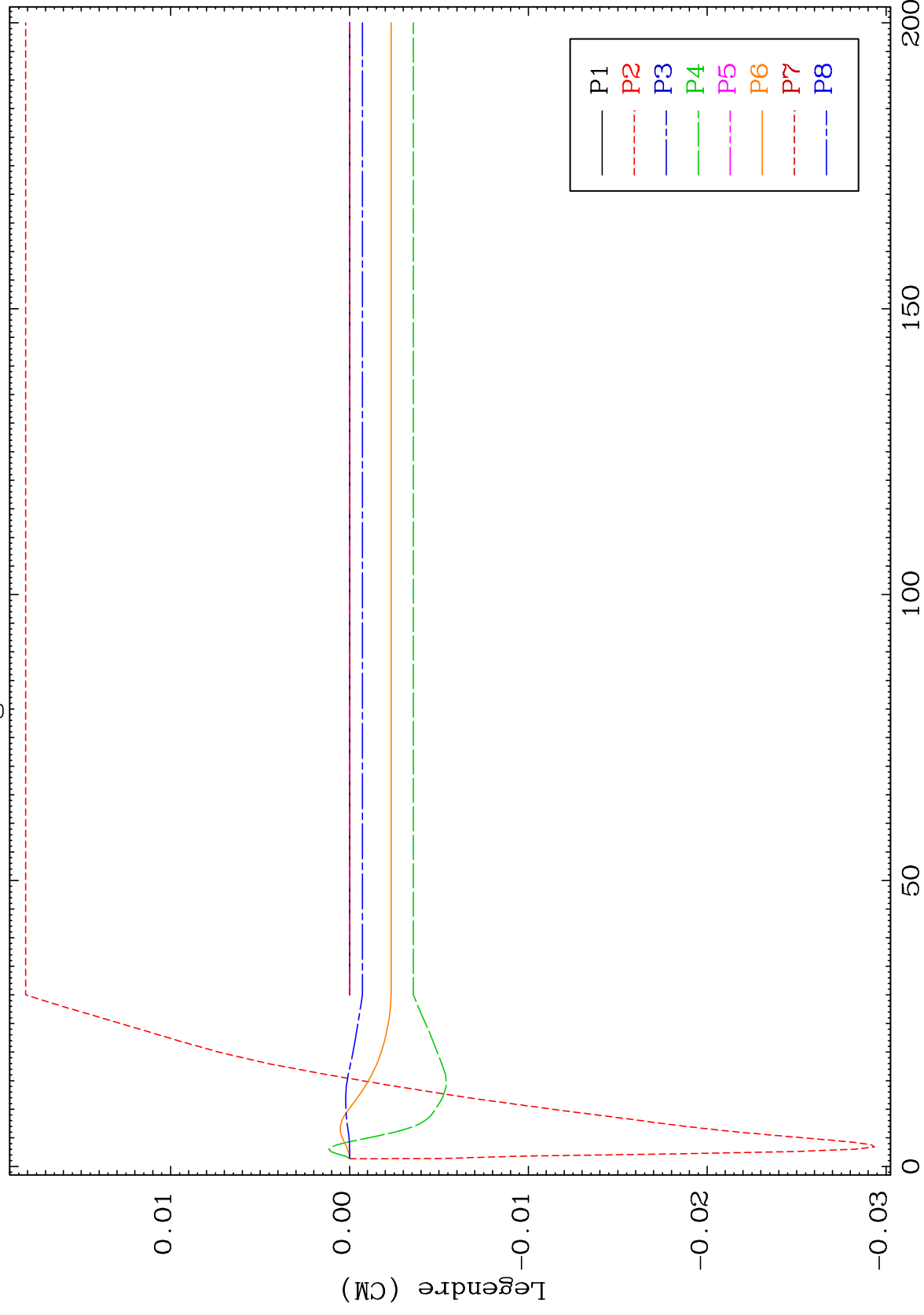




MAT 4310

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

43-Tc-94



78

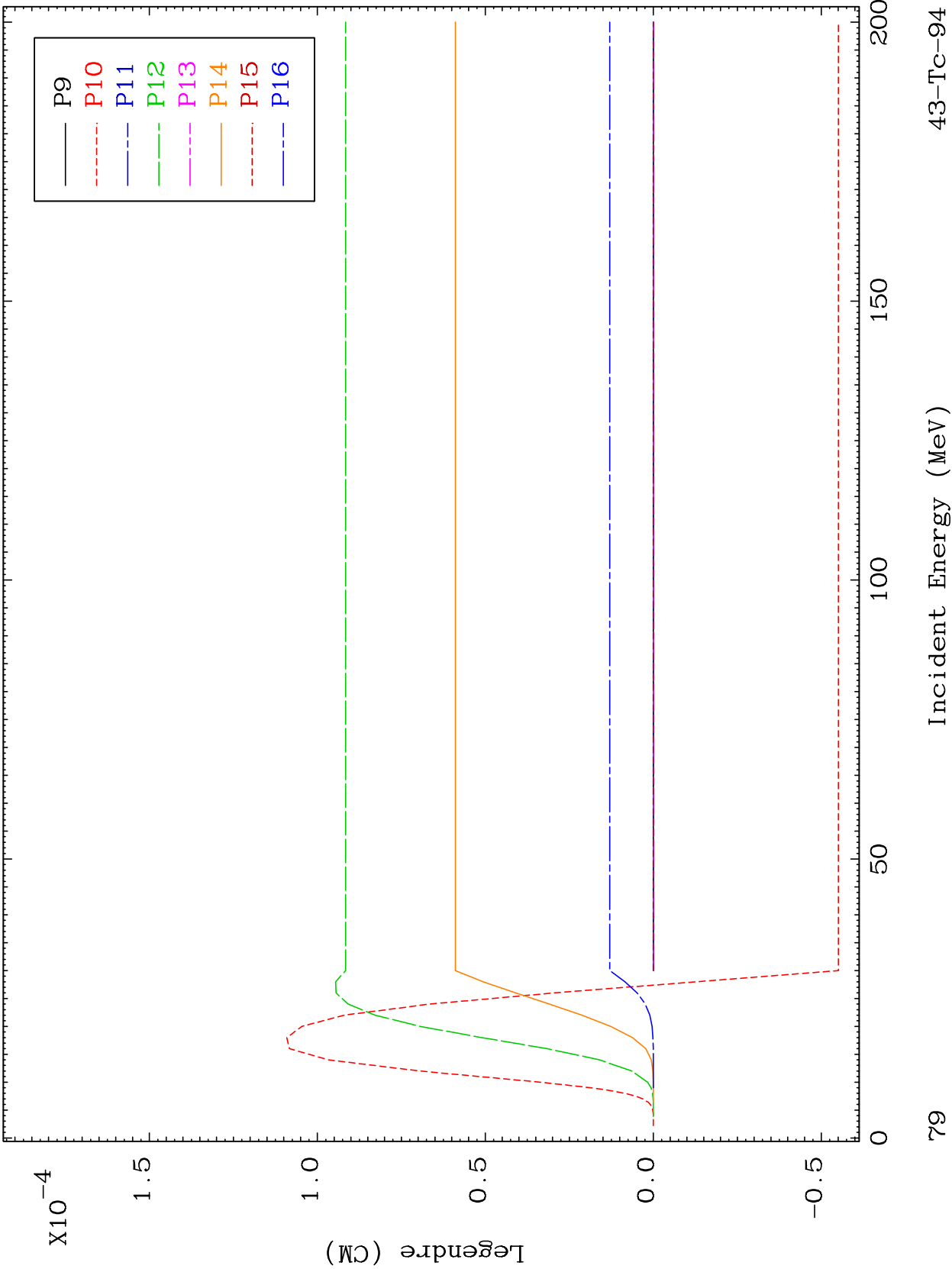
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

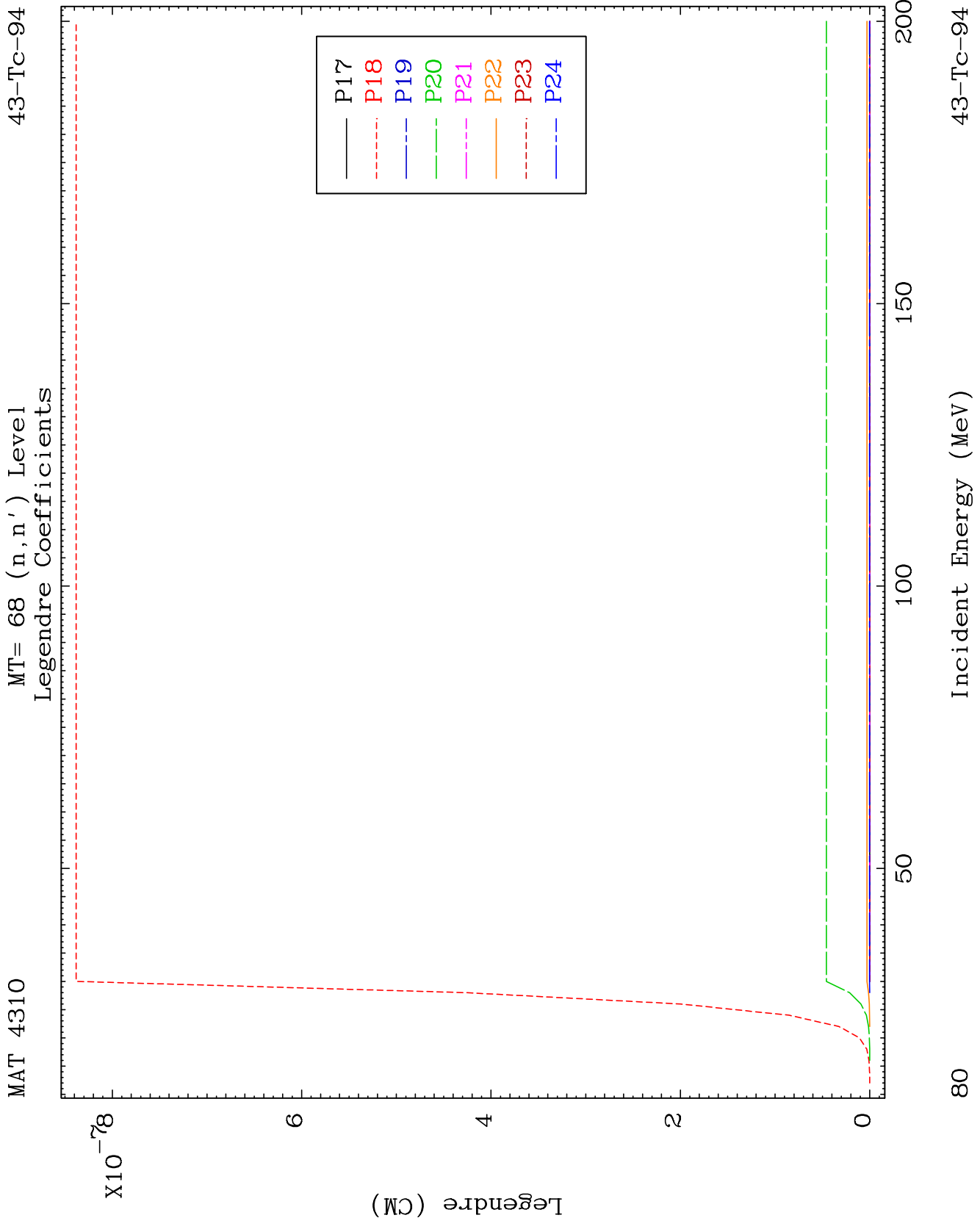
43-Tc-94



79

Incident Energy (MeV)

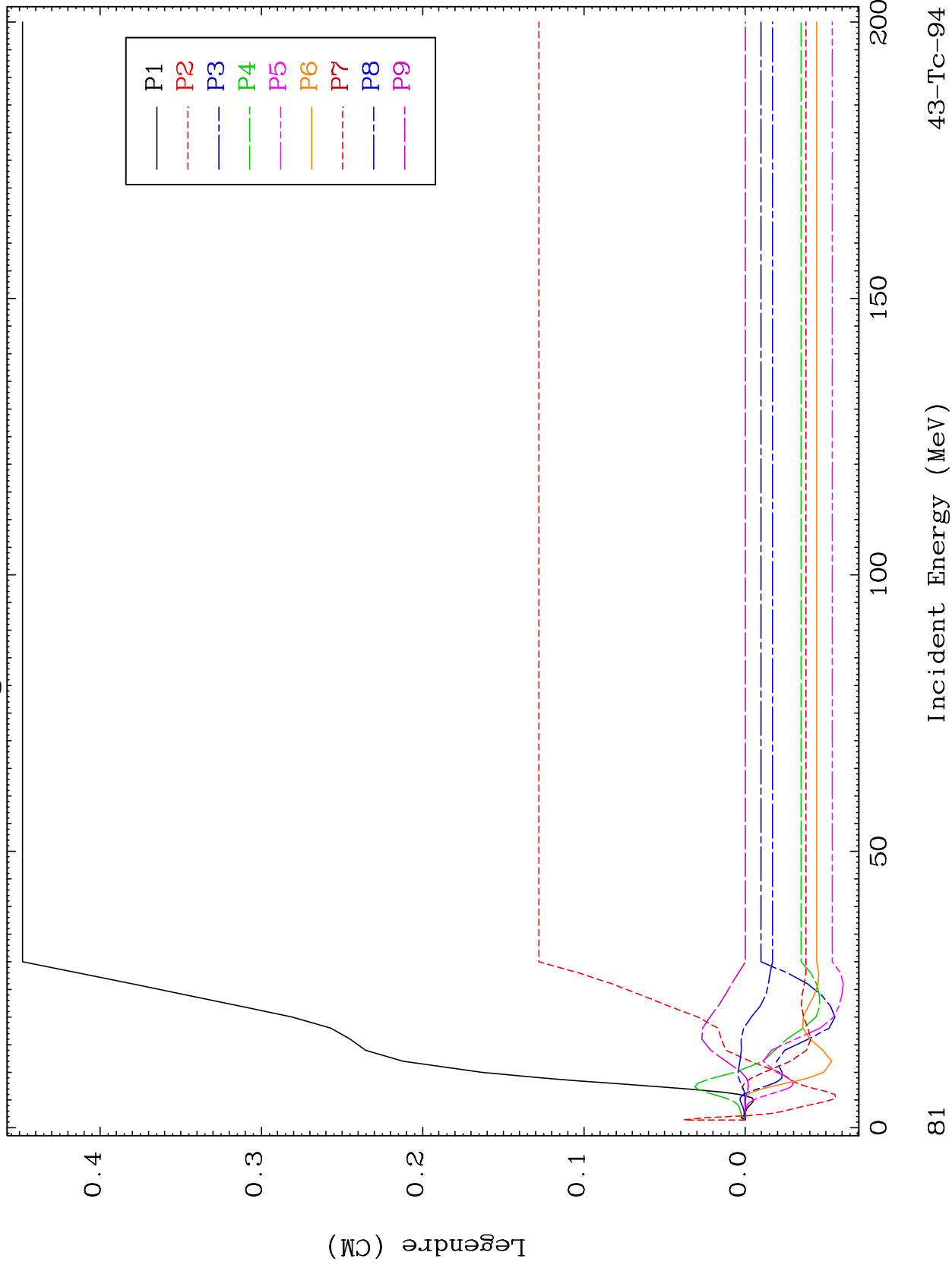
43-Tc-94



MAT 4310

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

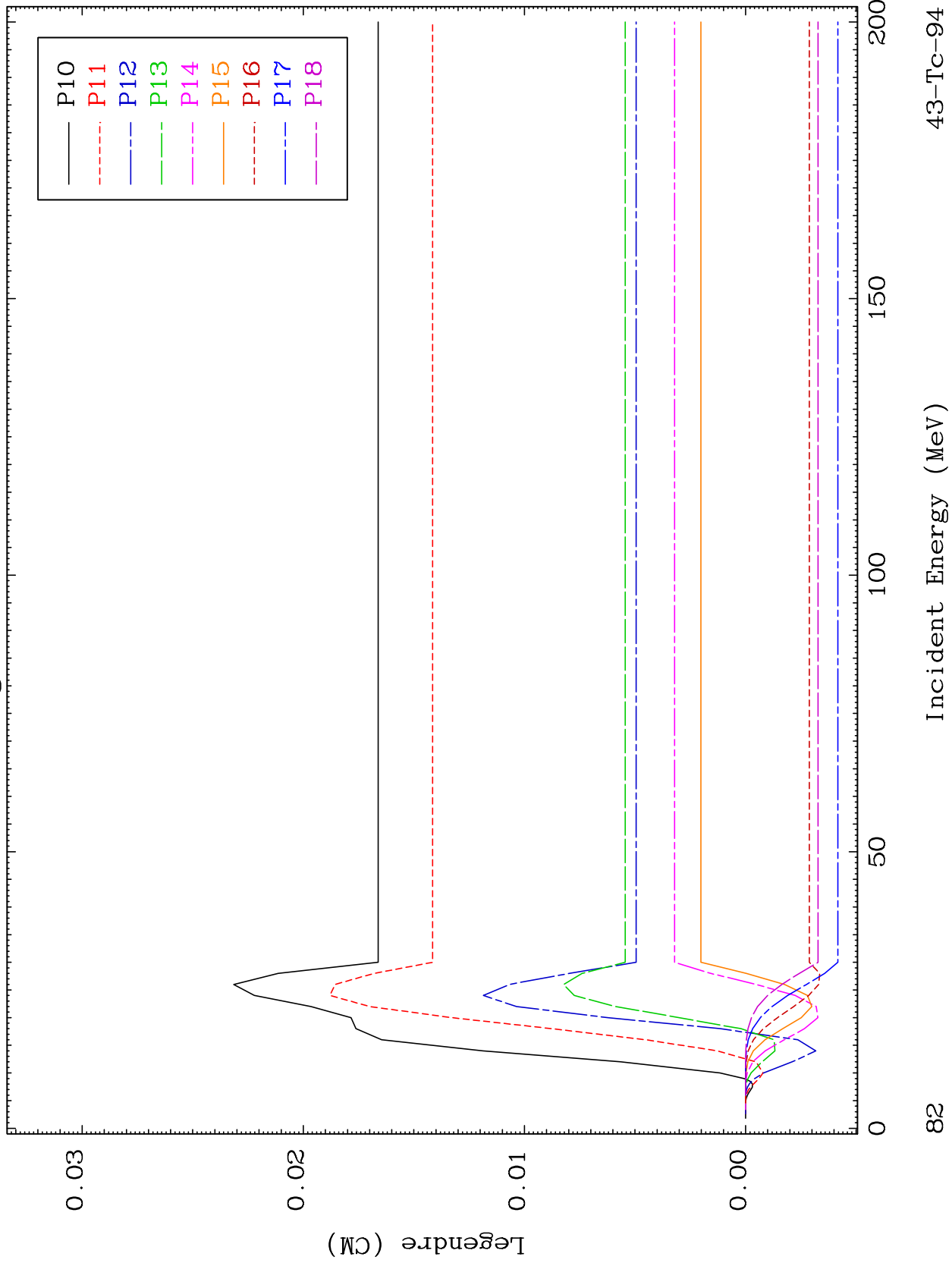
43-Tc-94

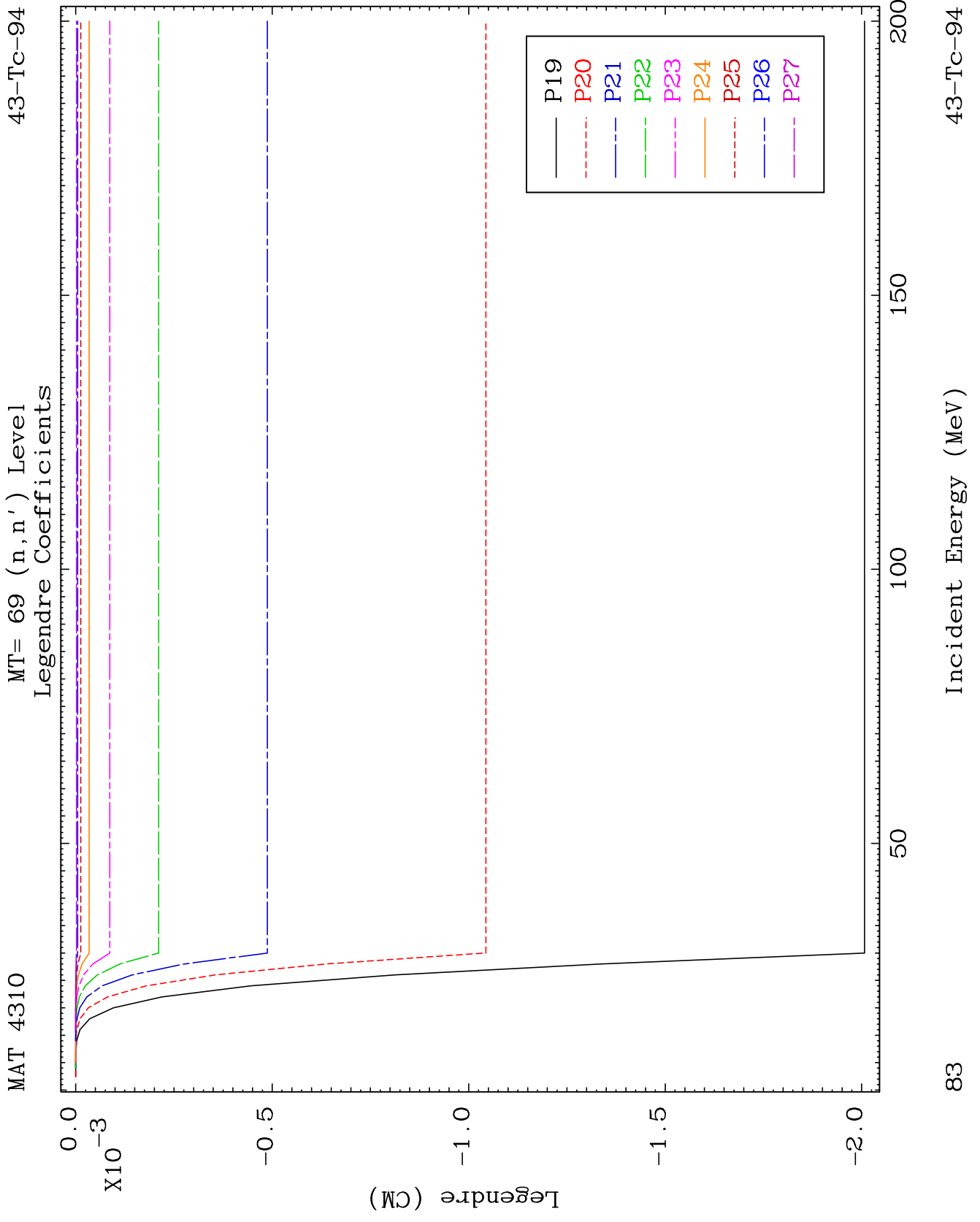


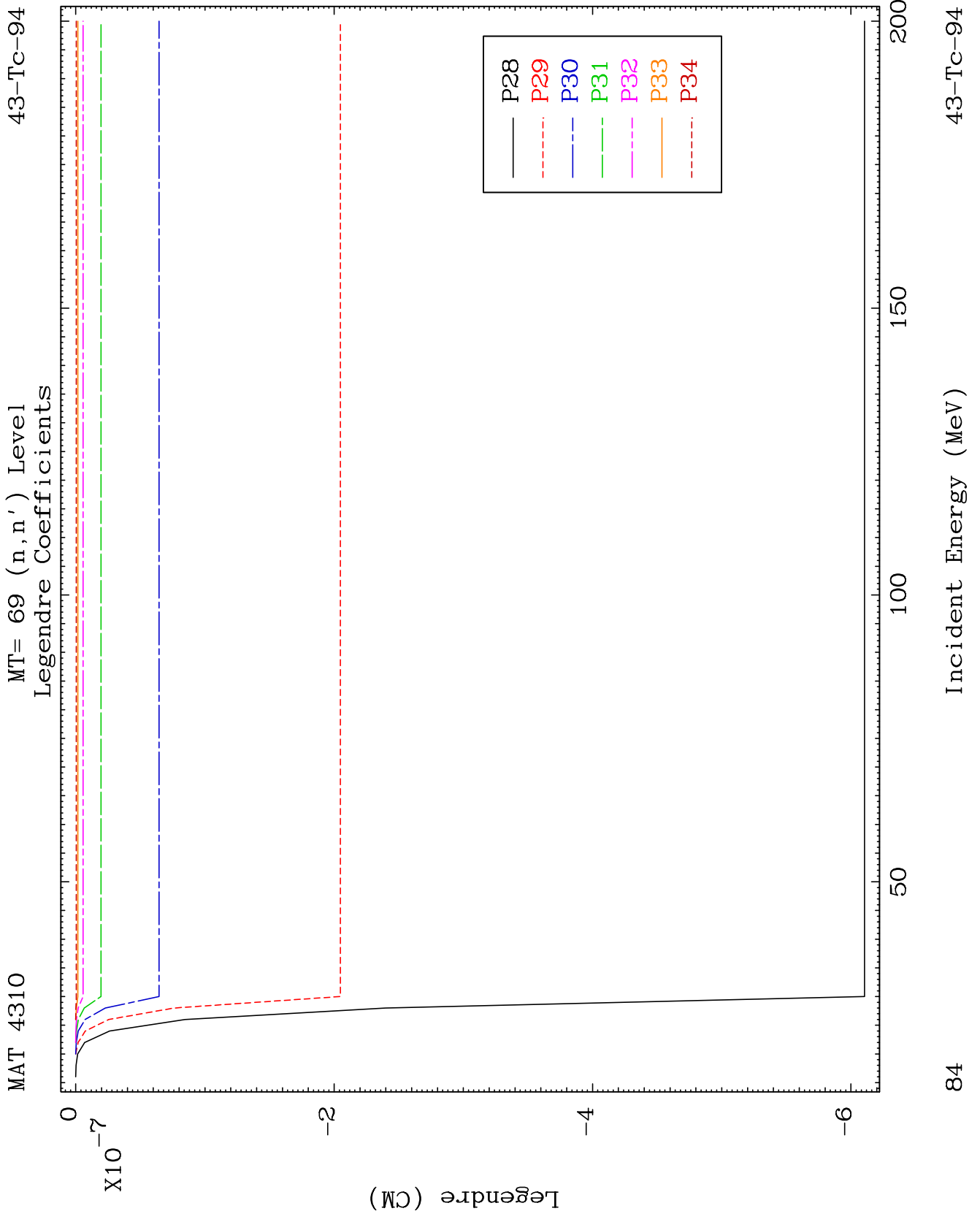
MAT 4310

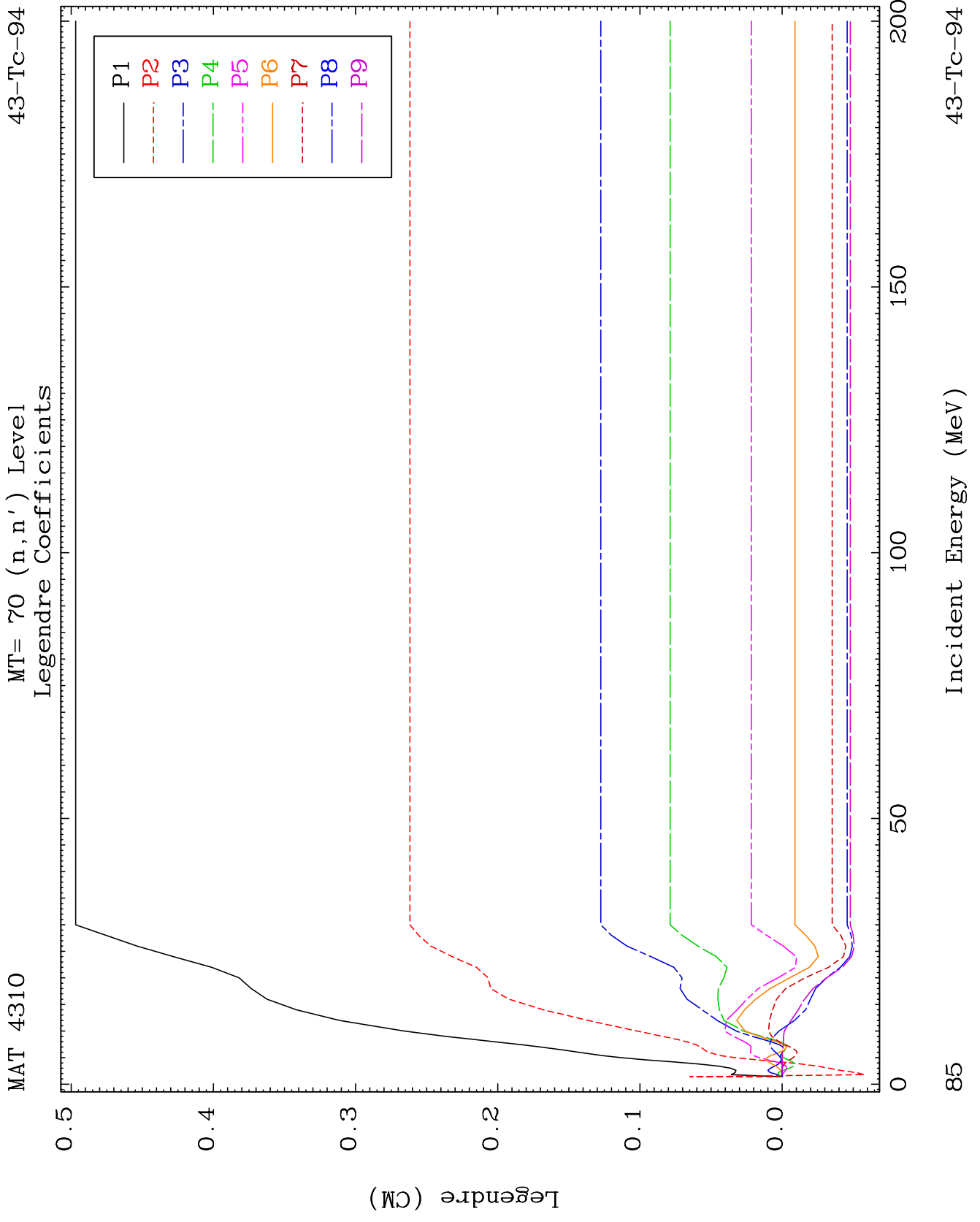
MT= 69 (n,n') Level
Legendre Coefficients

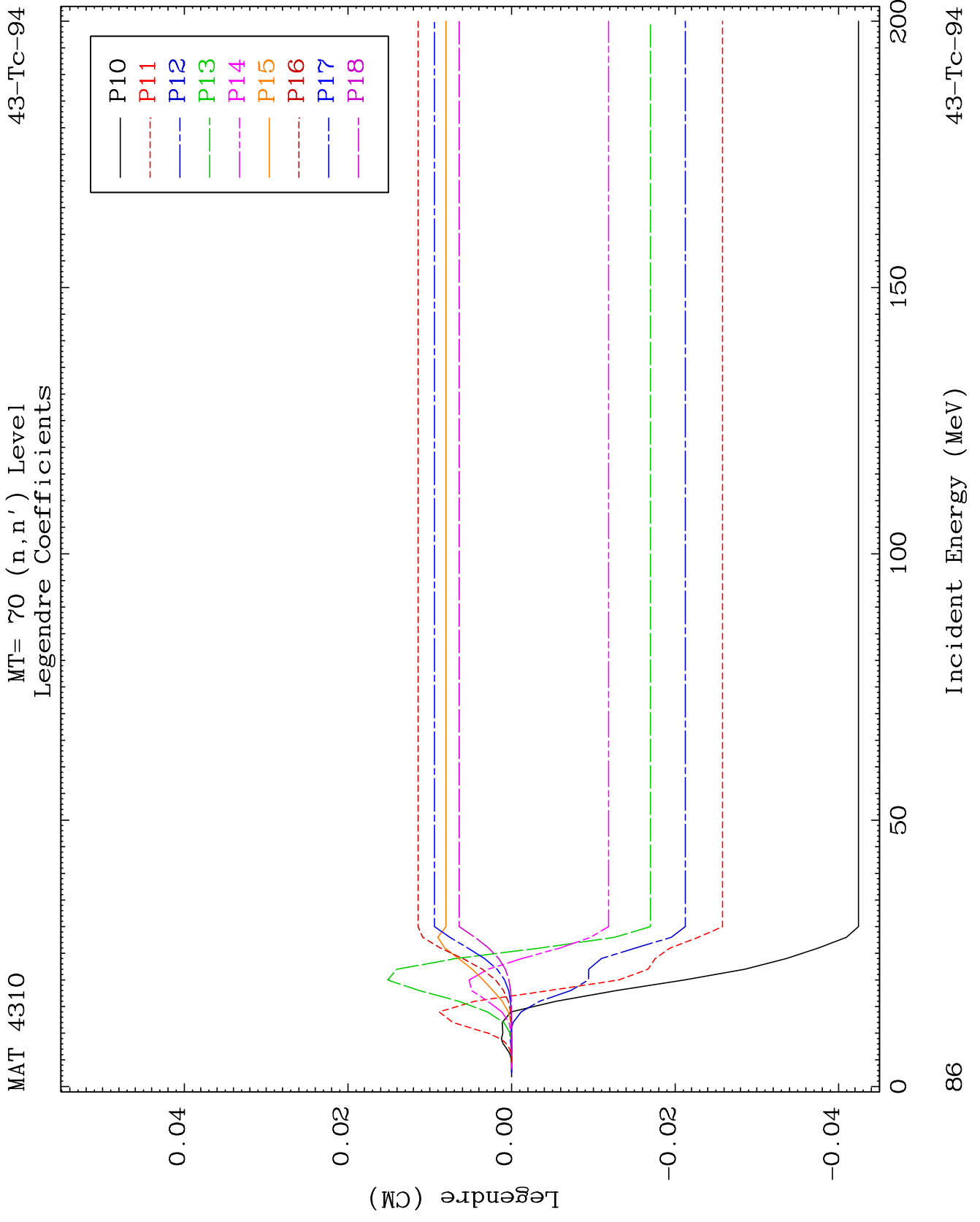
43-Tc-94







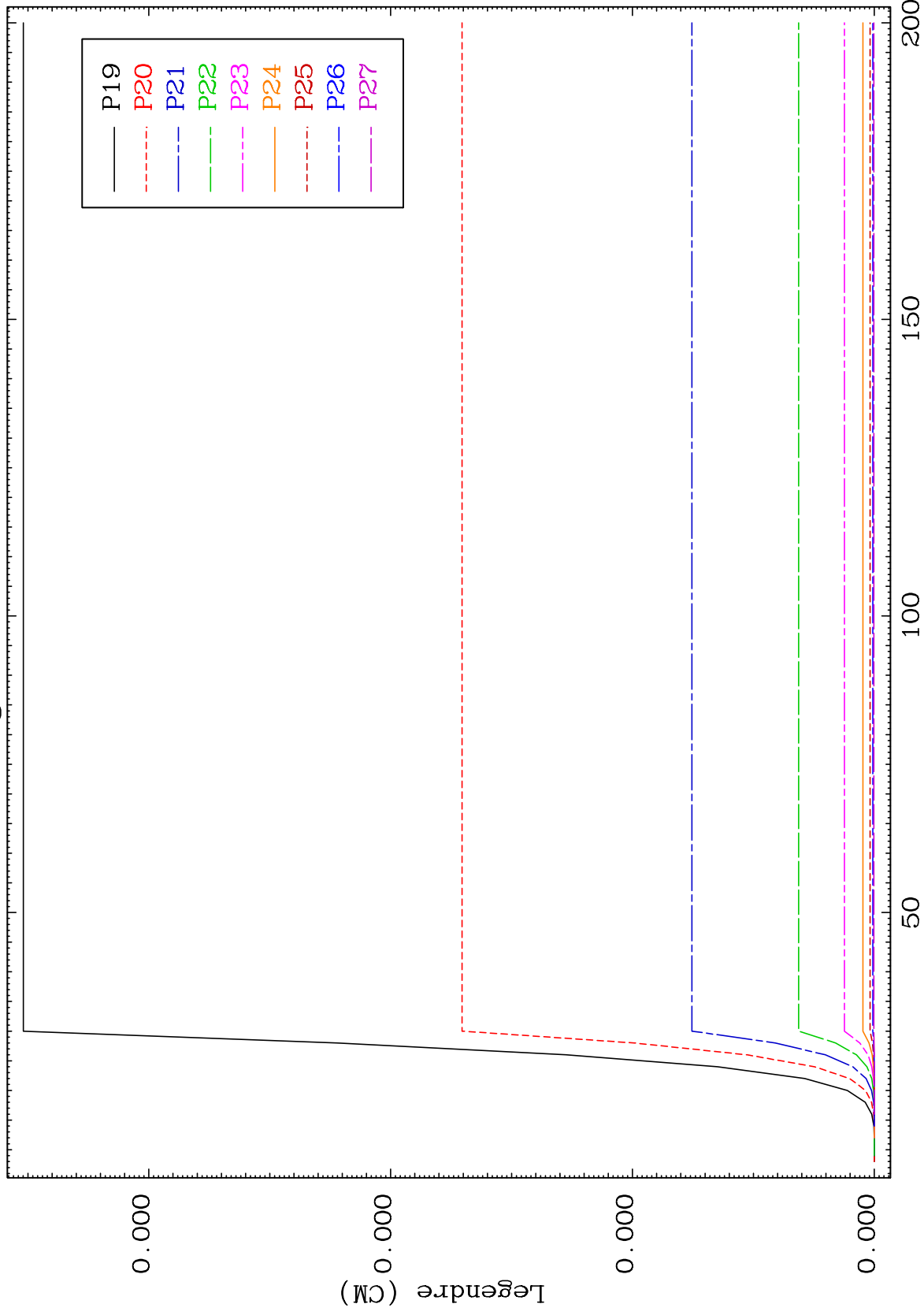




MAT 4310

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

43-Tc-94



87

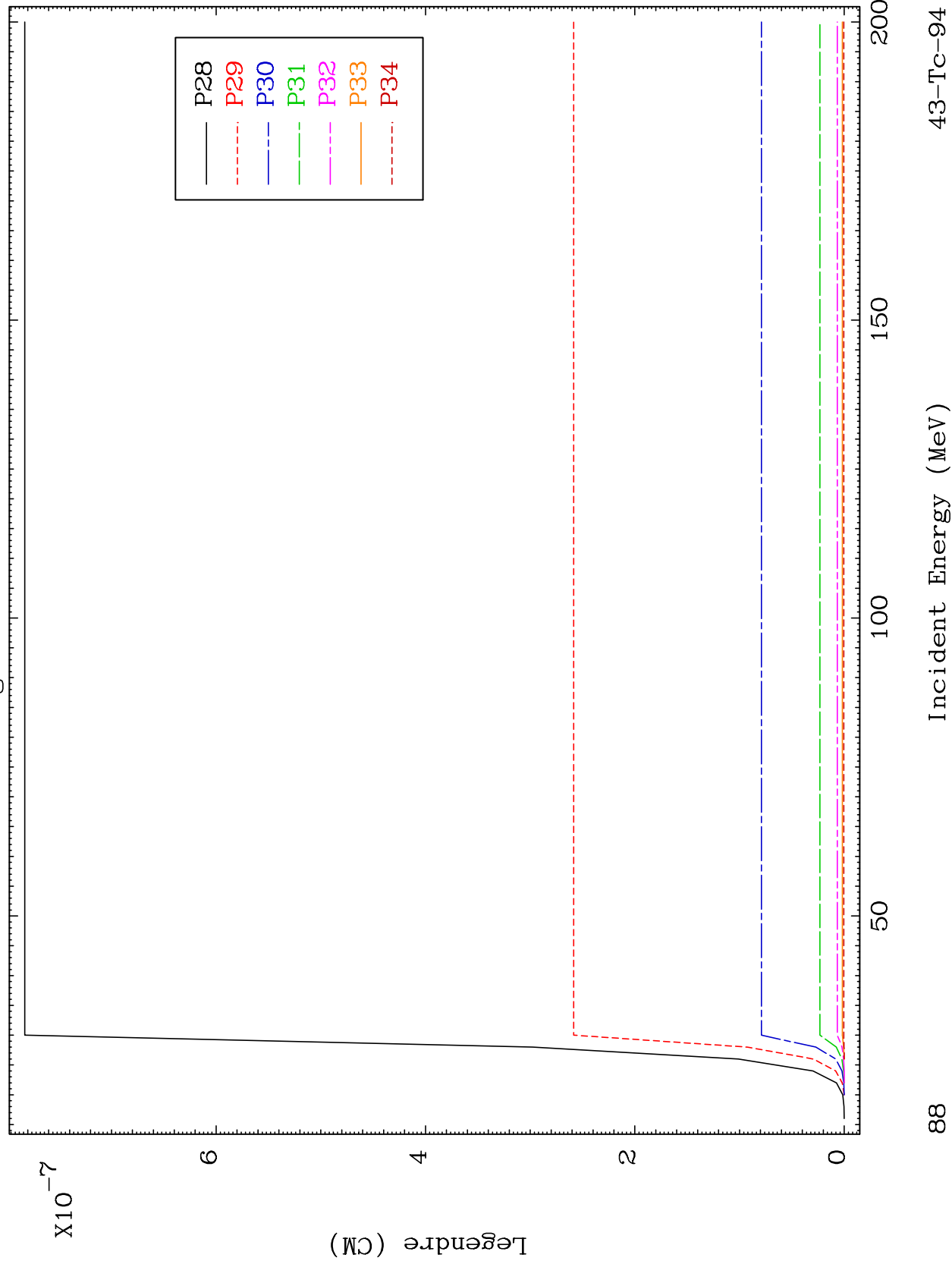
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

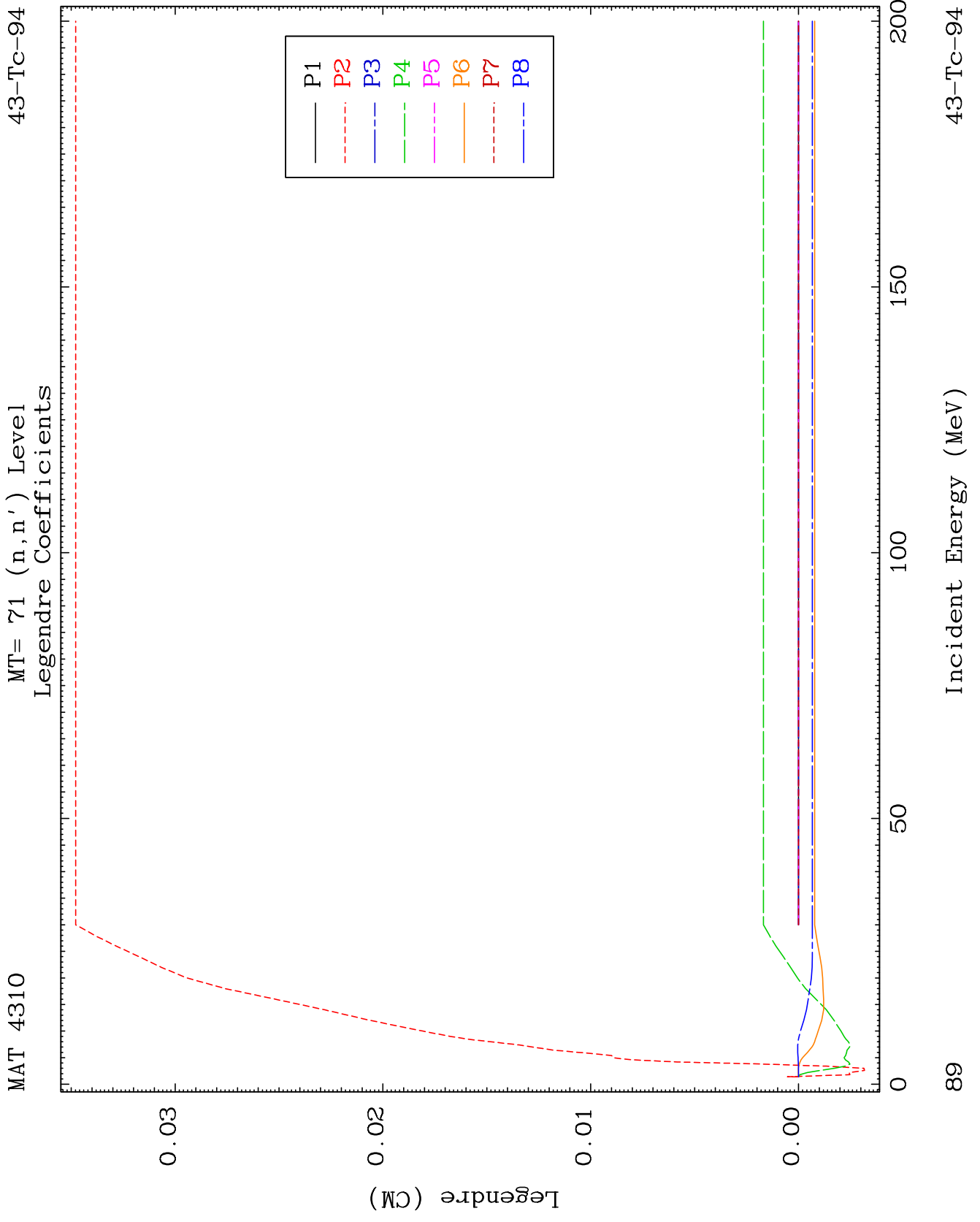
43-Tc-94



88

Incident Energy (MeV)

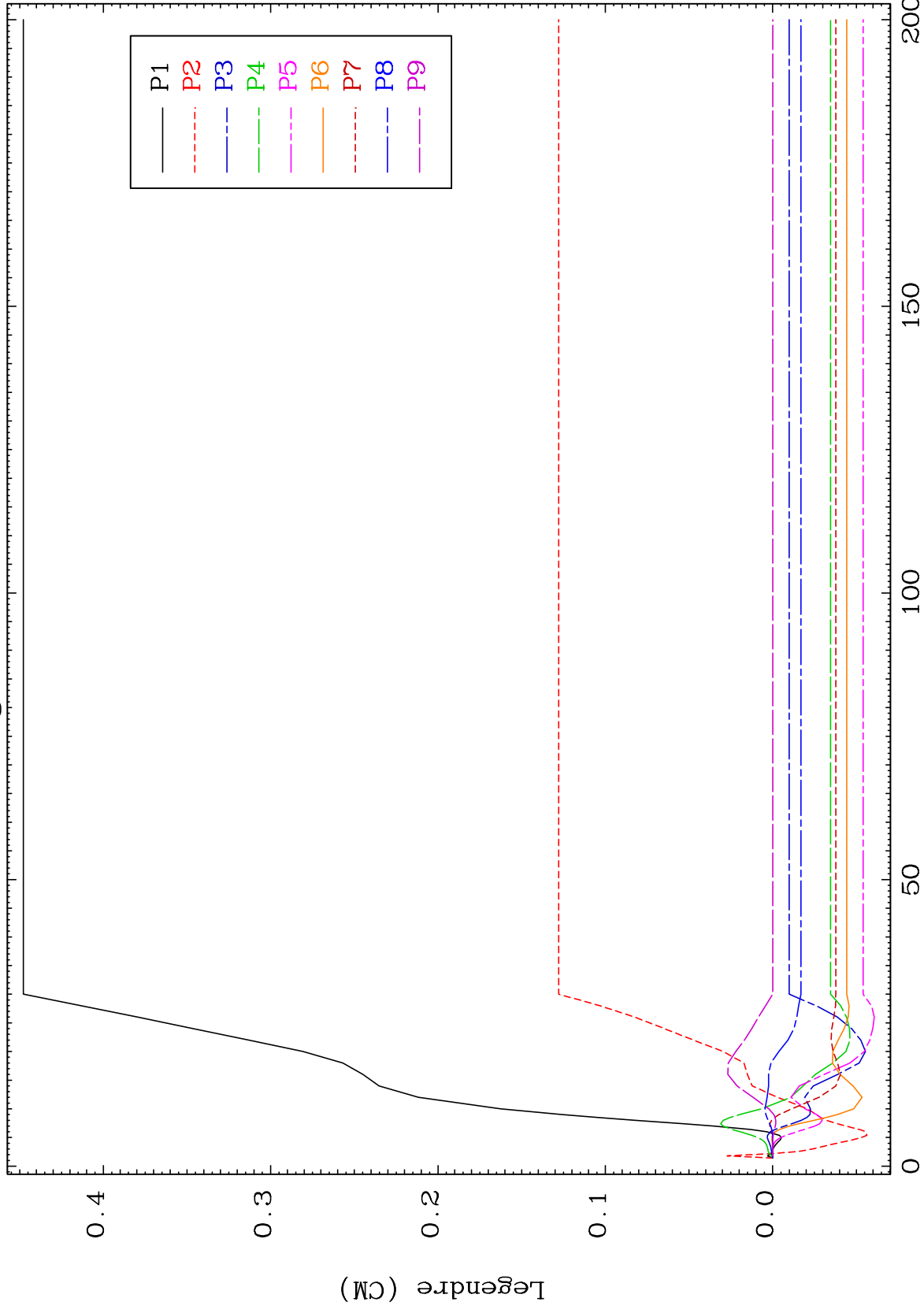
43-Tc-94



MAT 4310

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

43-Tc-94



92

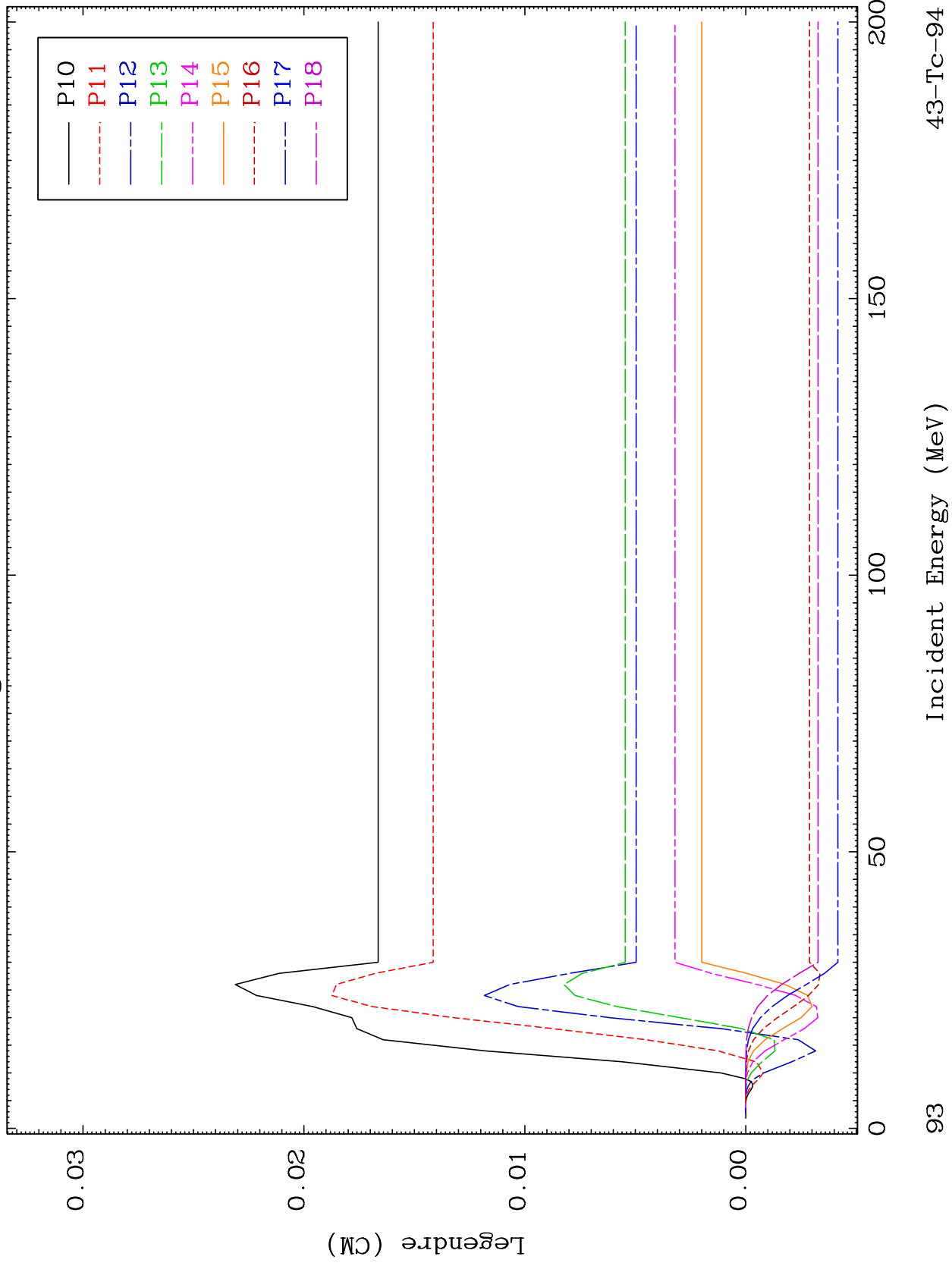
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

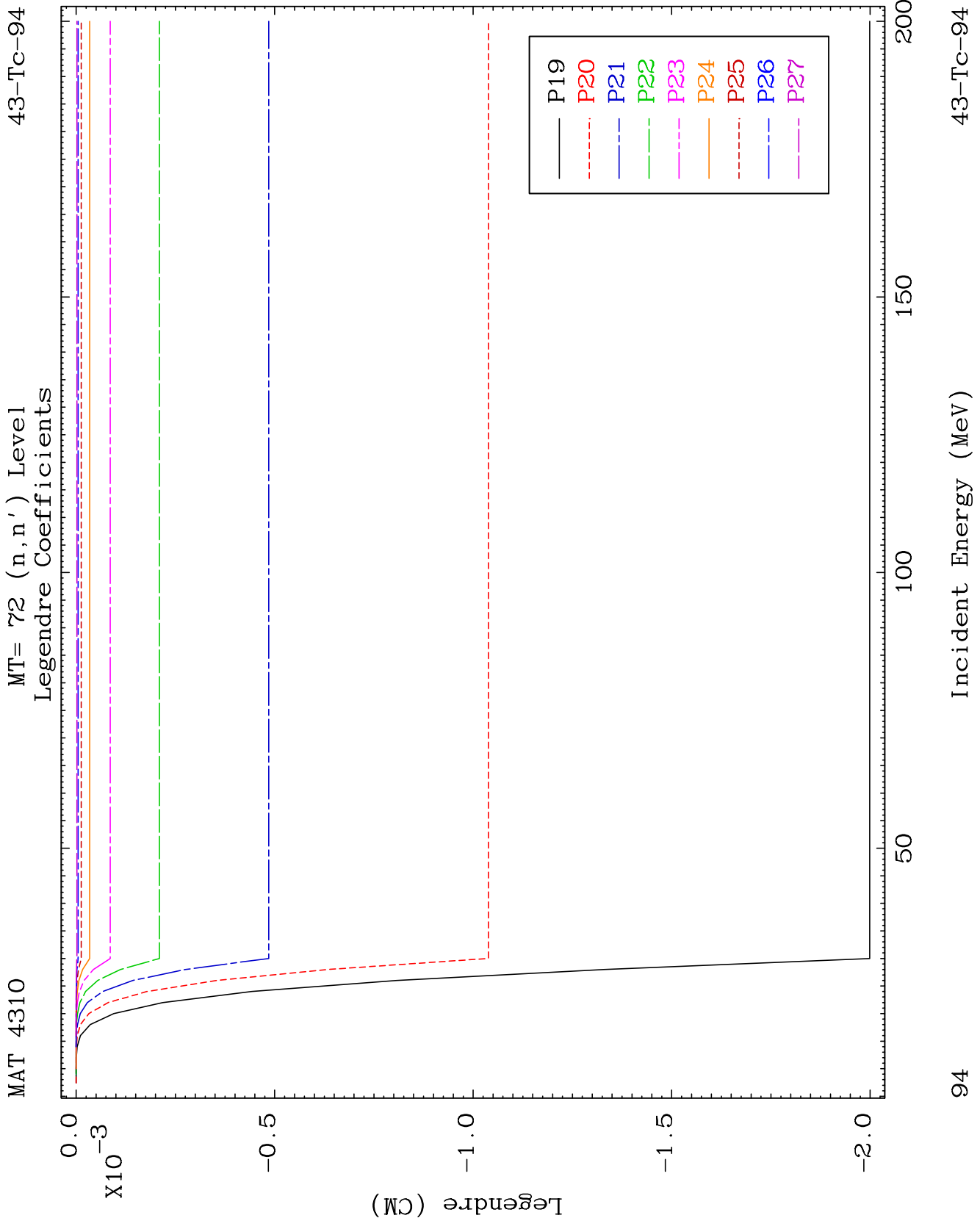
43-Tc-94

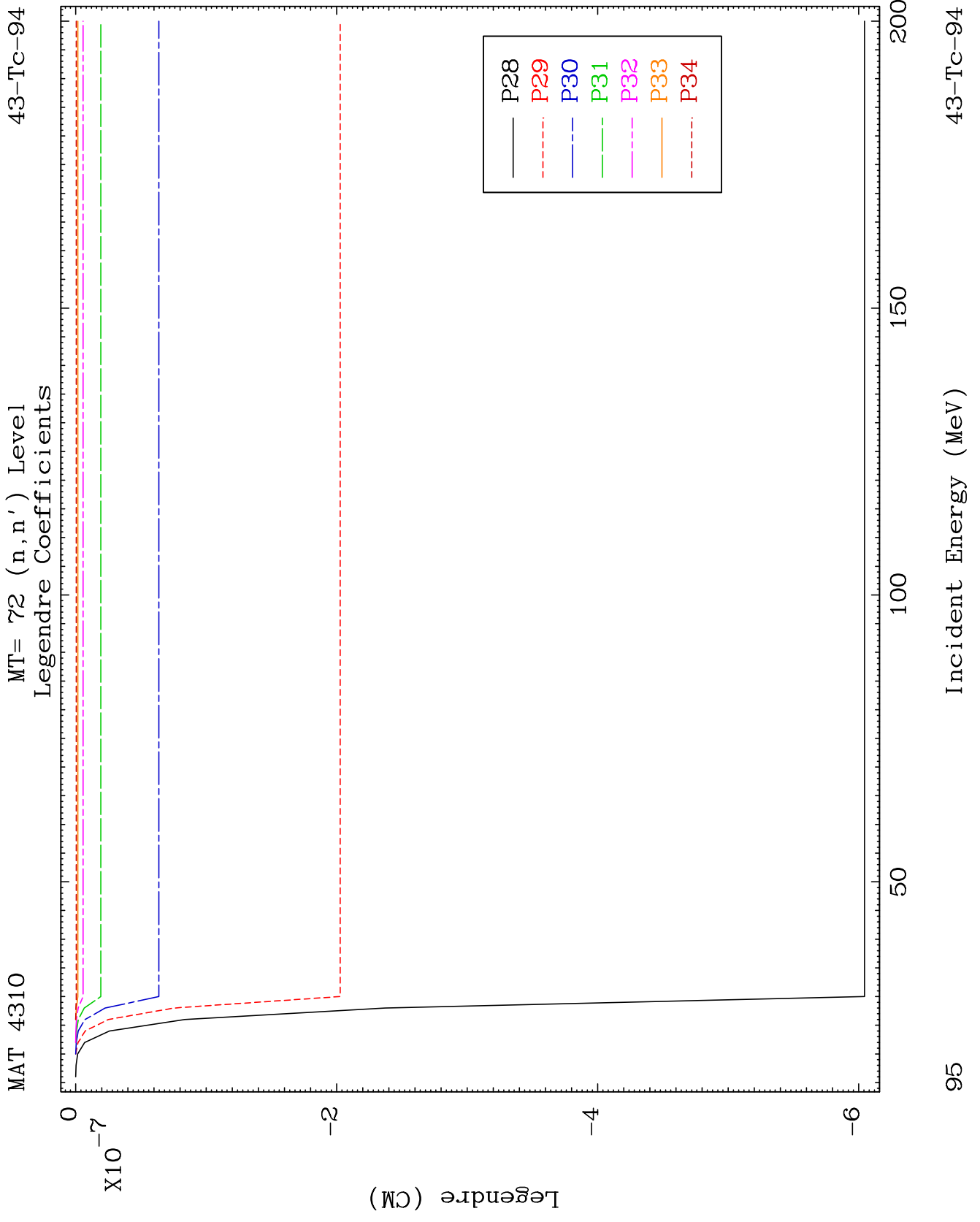


93

Incident Energy (MeV)

43-Tc-94



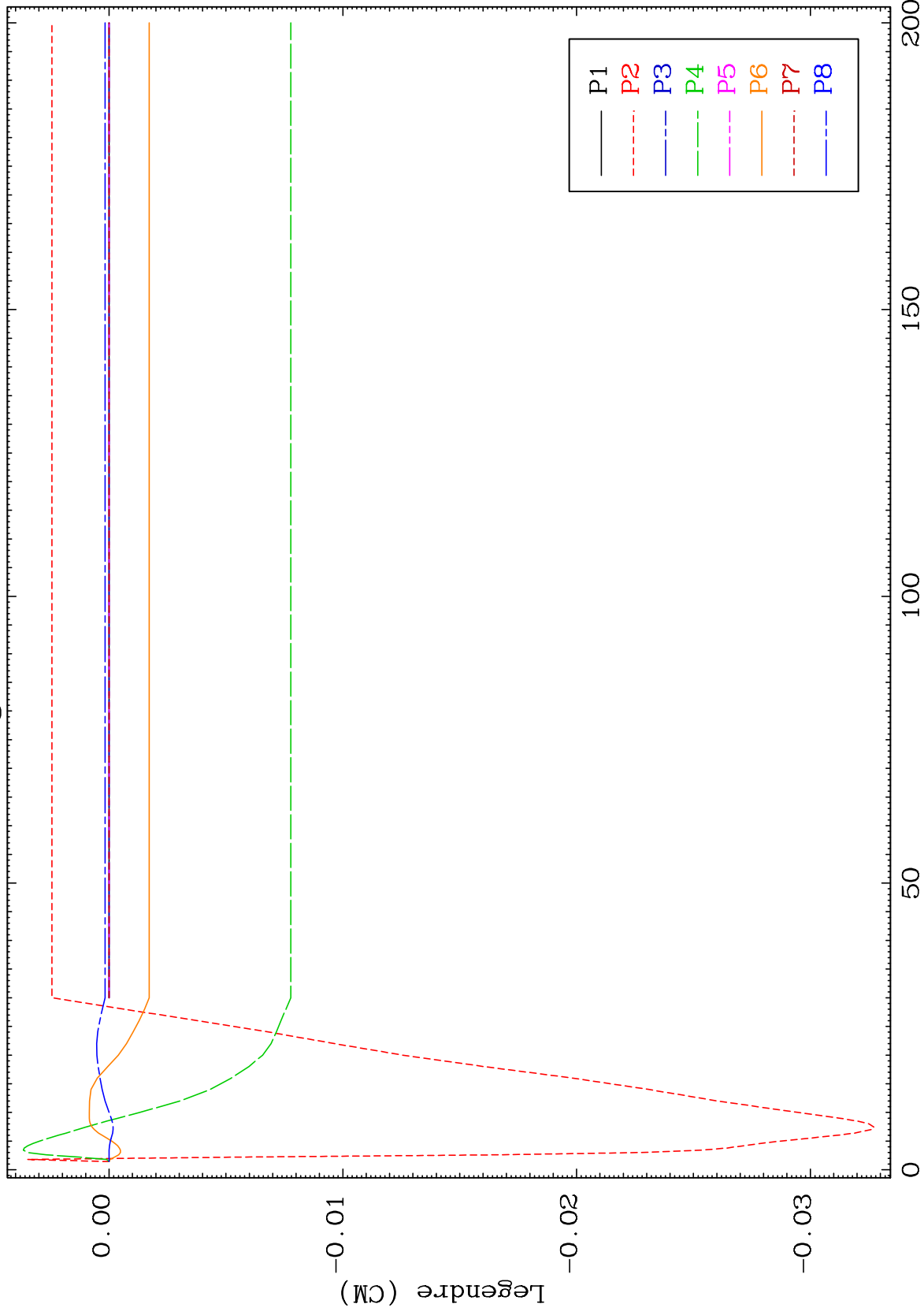


MAT 4310

MT= 73 (n,n') Level

43-Tc-94

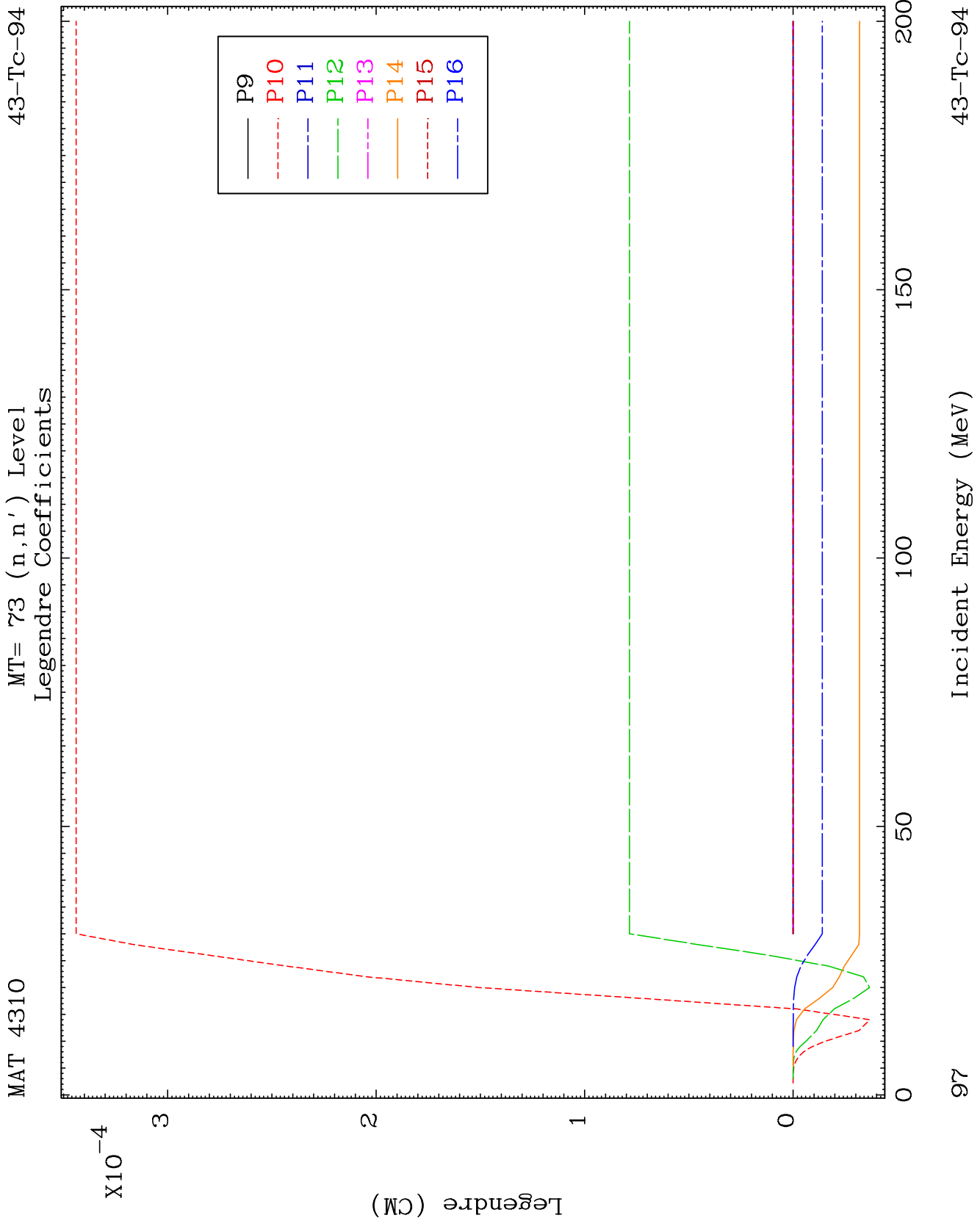
Legendre Coefficients

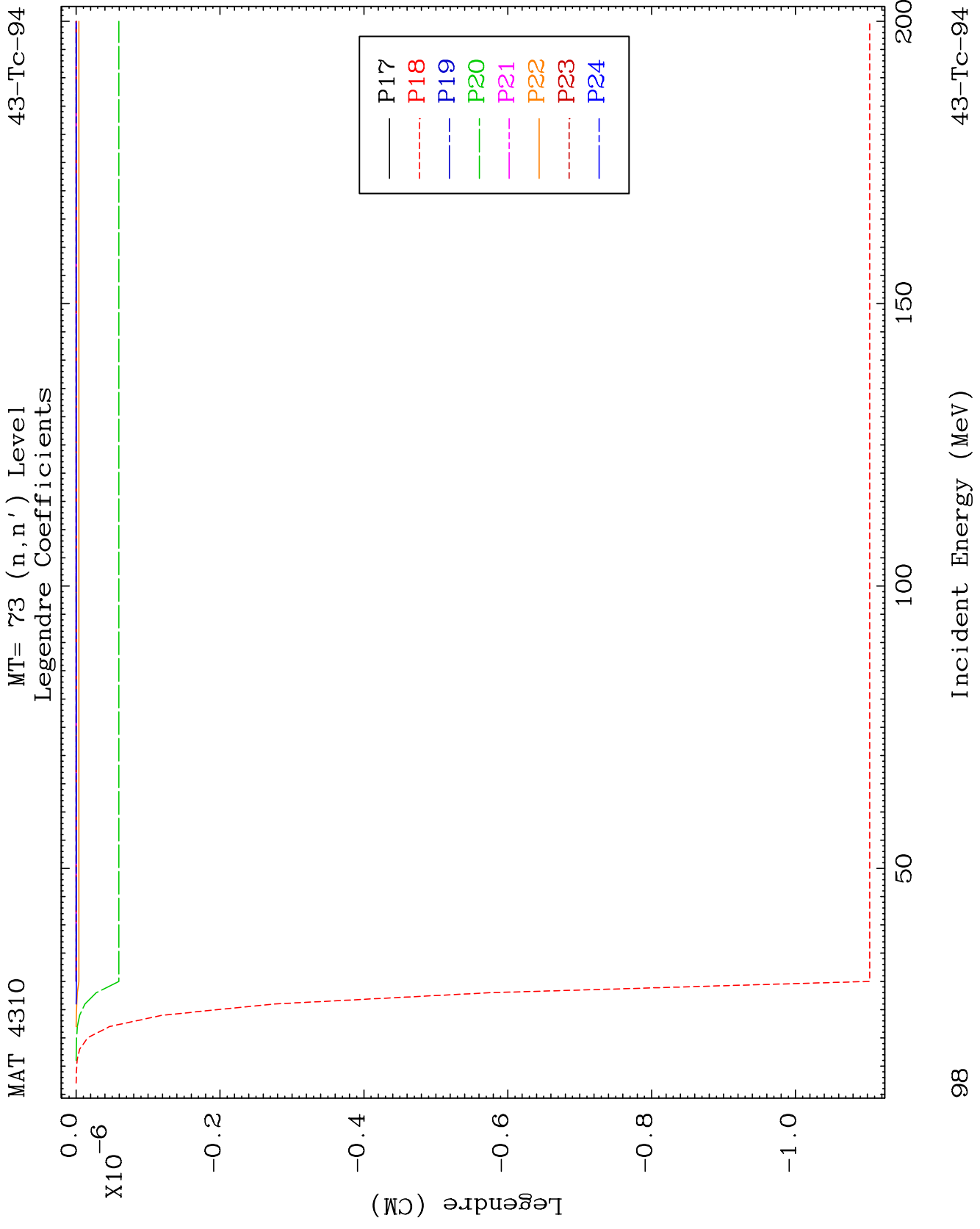


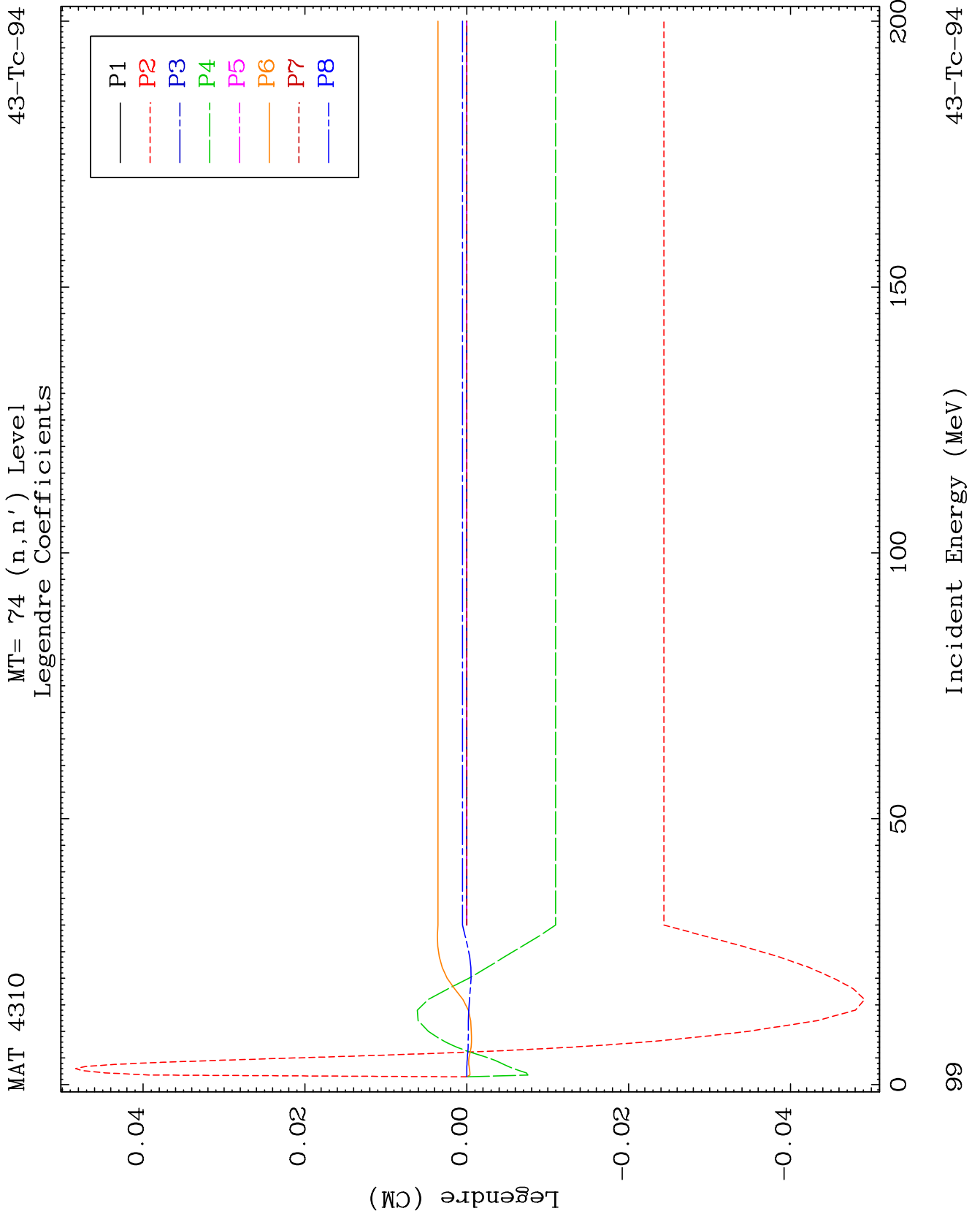
96

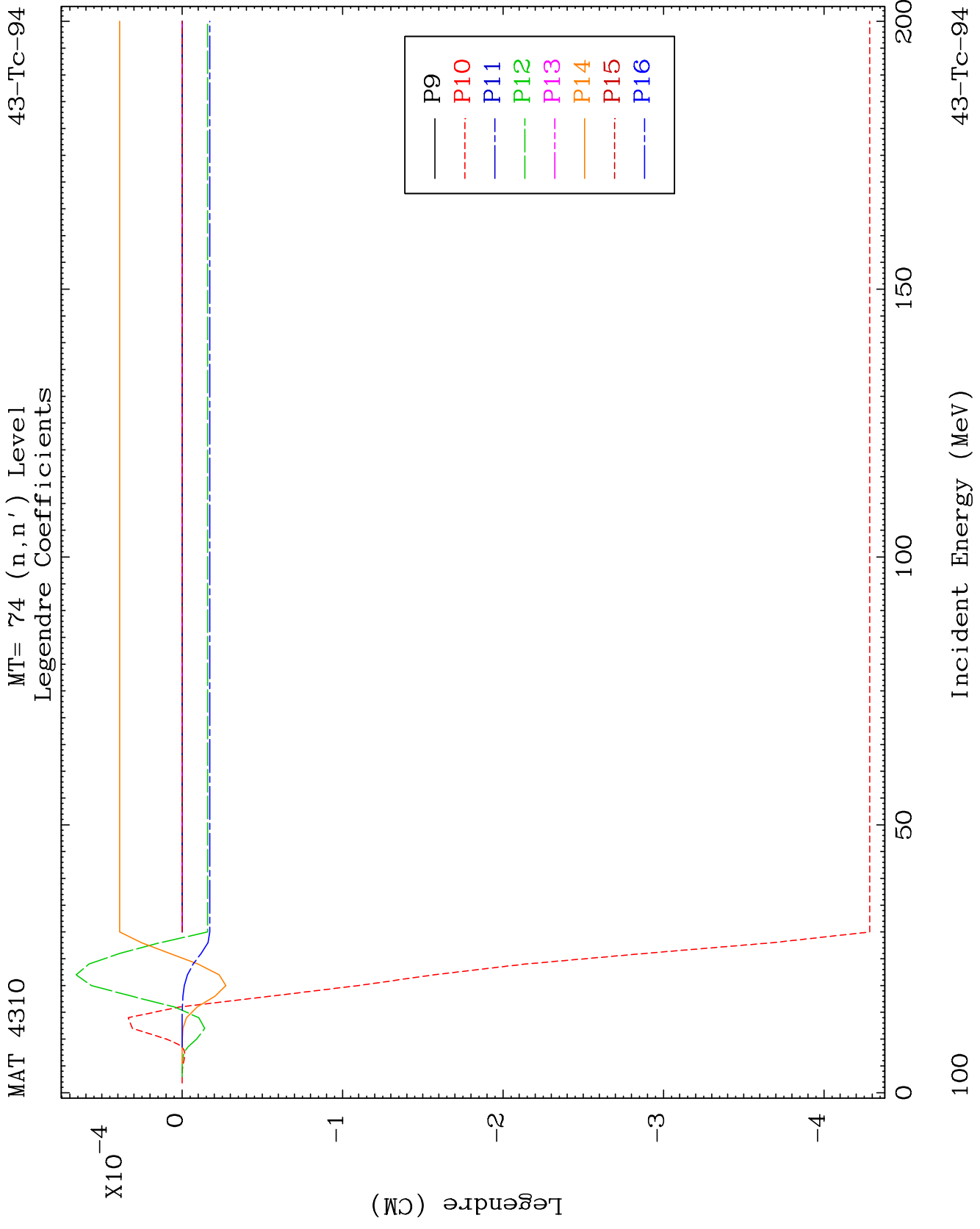
Incident Energy (MeV)

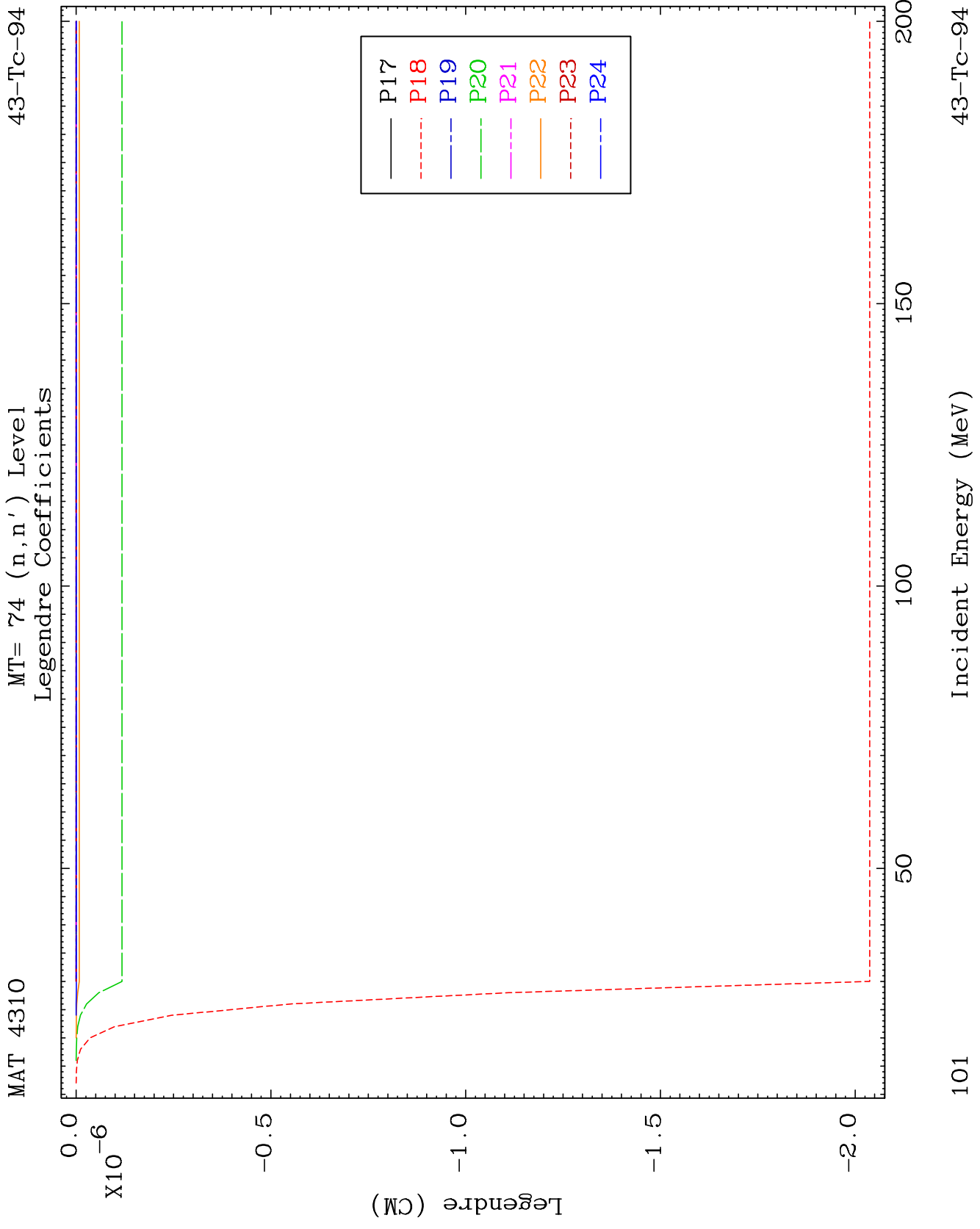
43-Tc-94







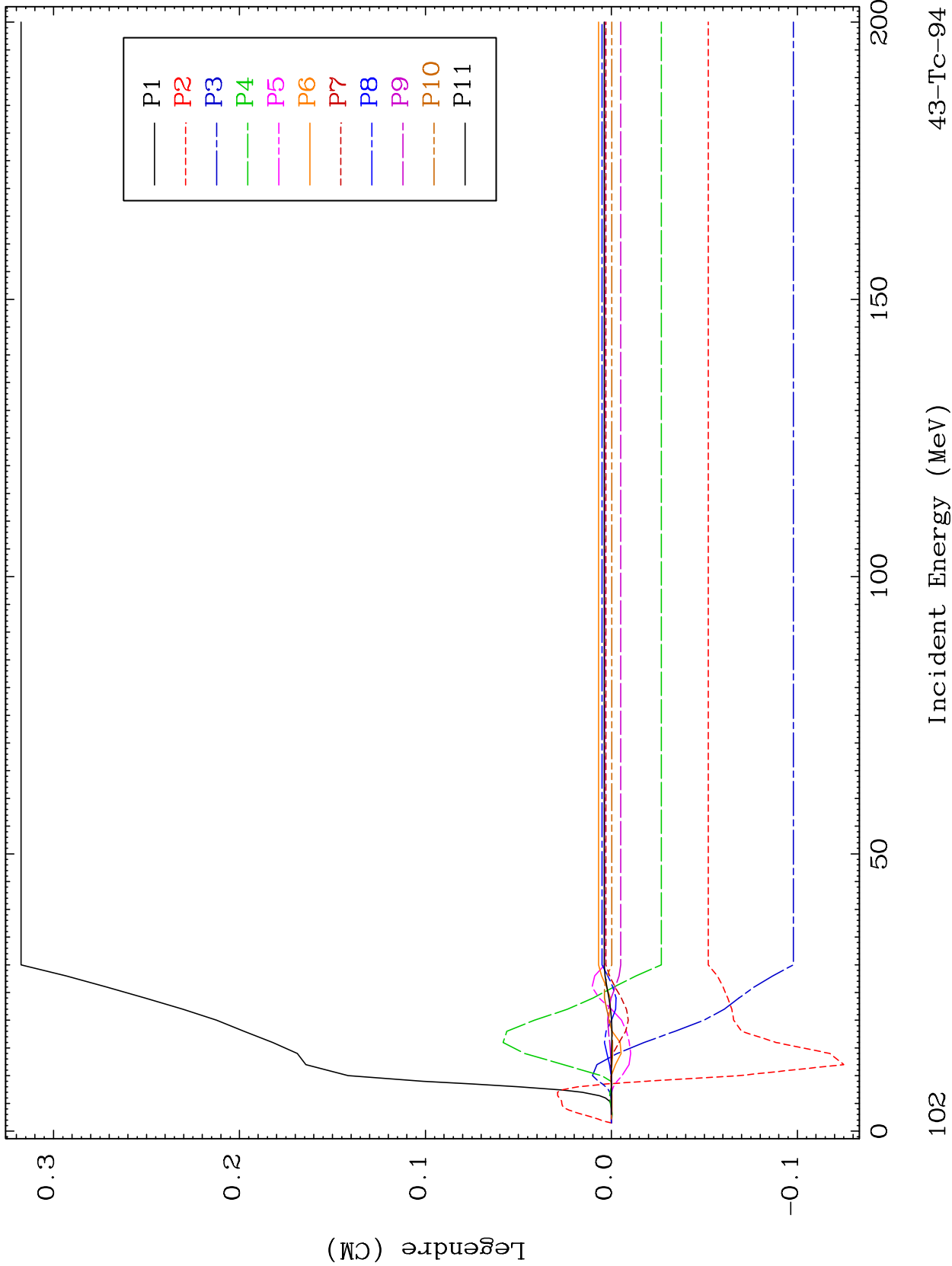




MAT 4310

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

43-Tc-94



43-Tc-94

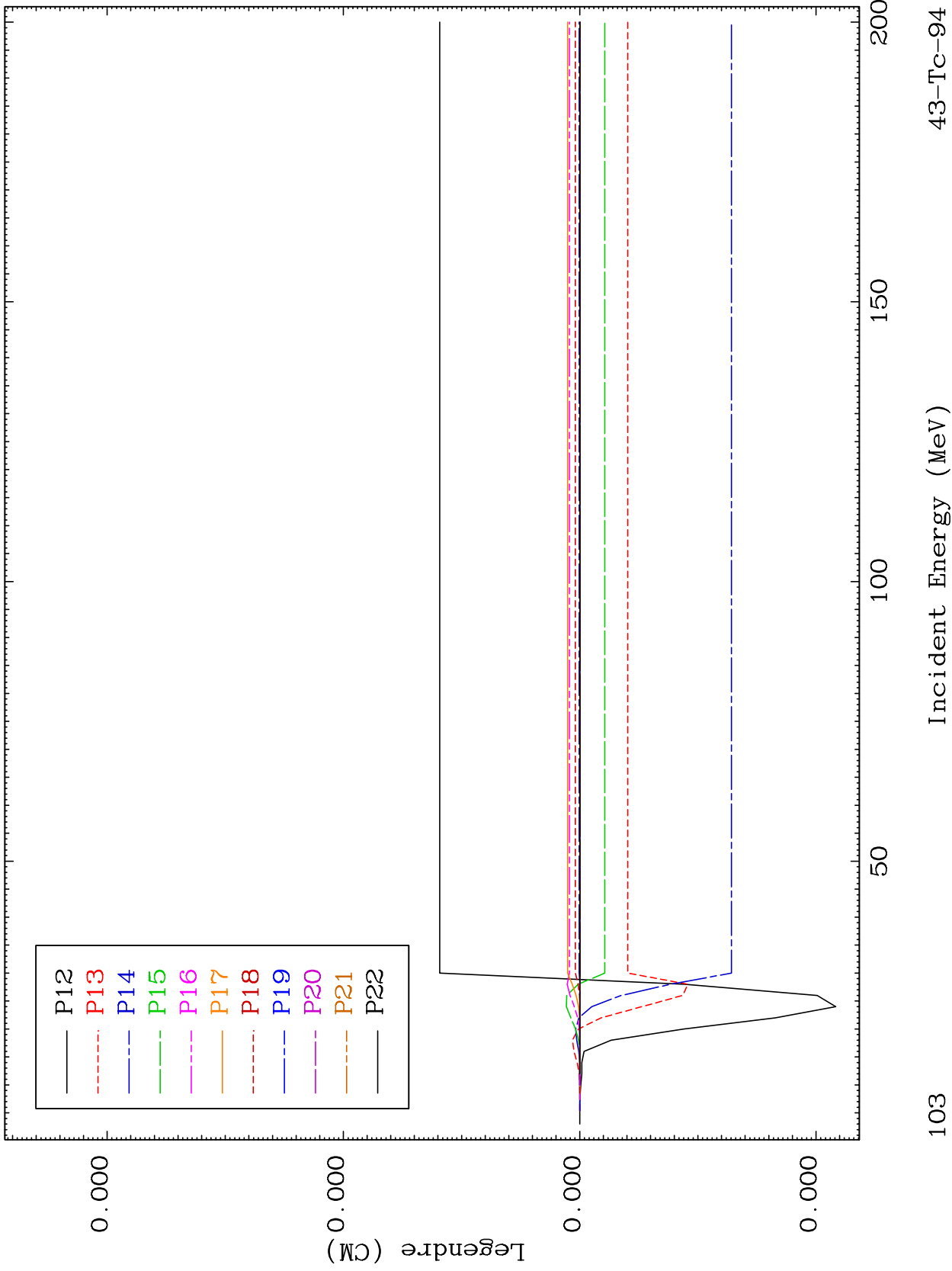
Incident Energy (MeV)

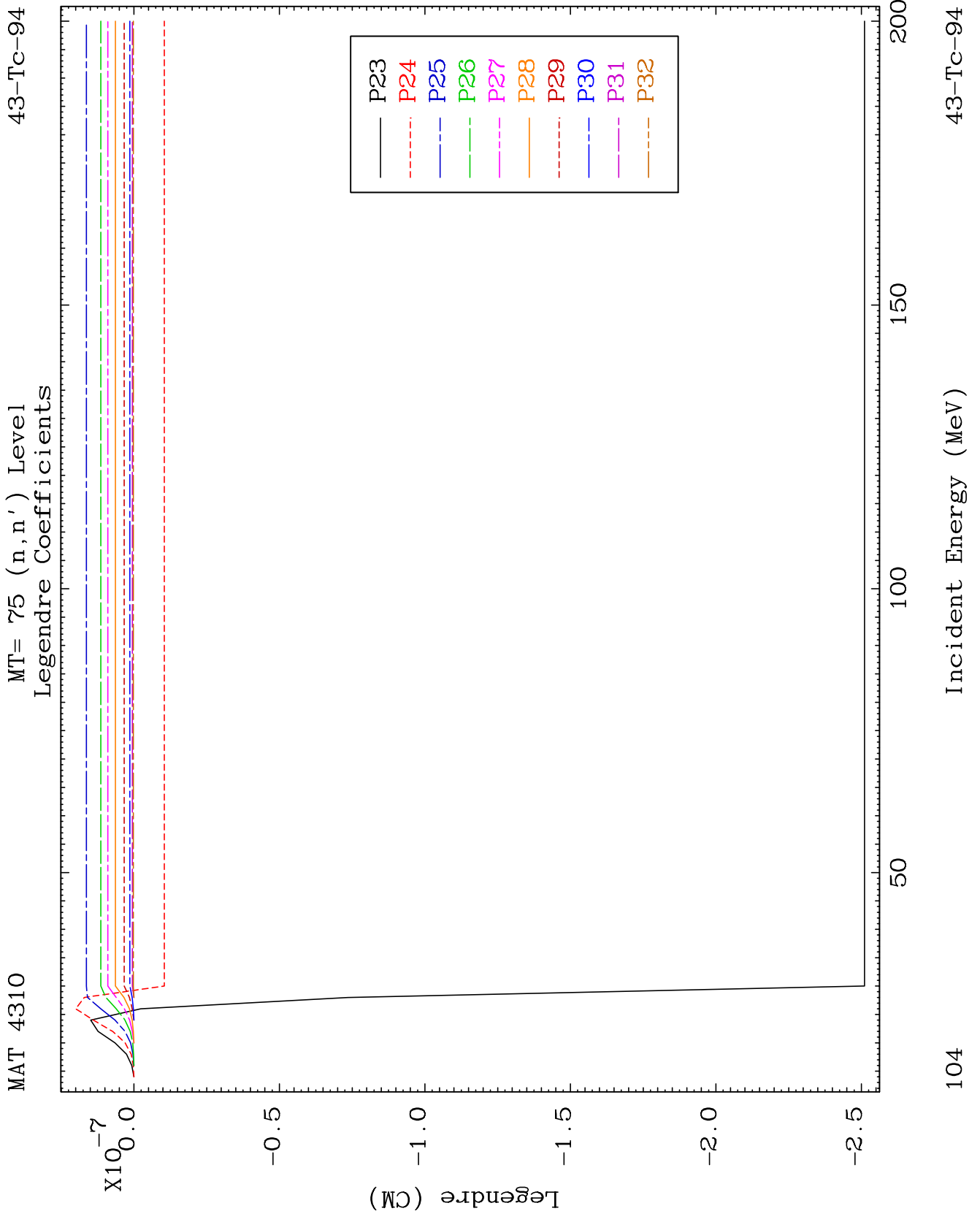
102

MAT 4310

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

43-Tc-94

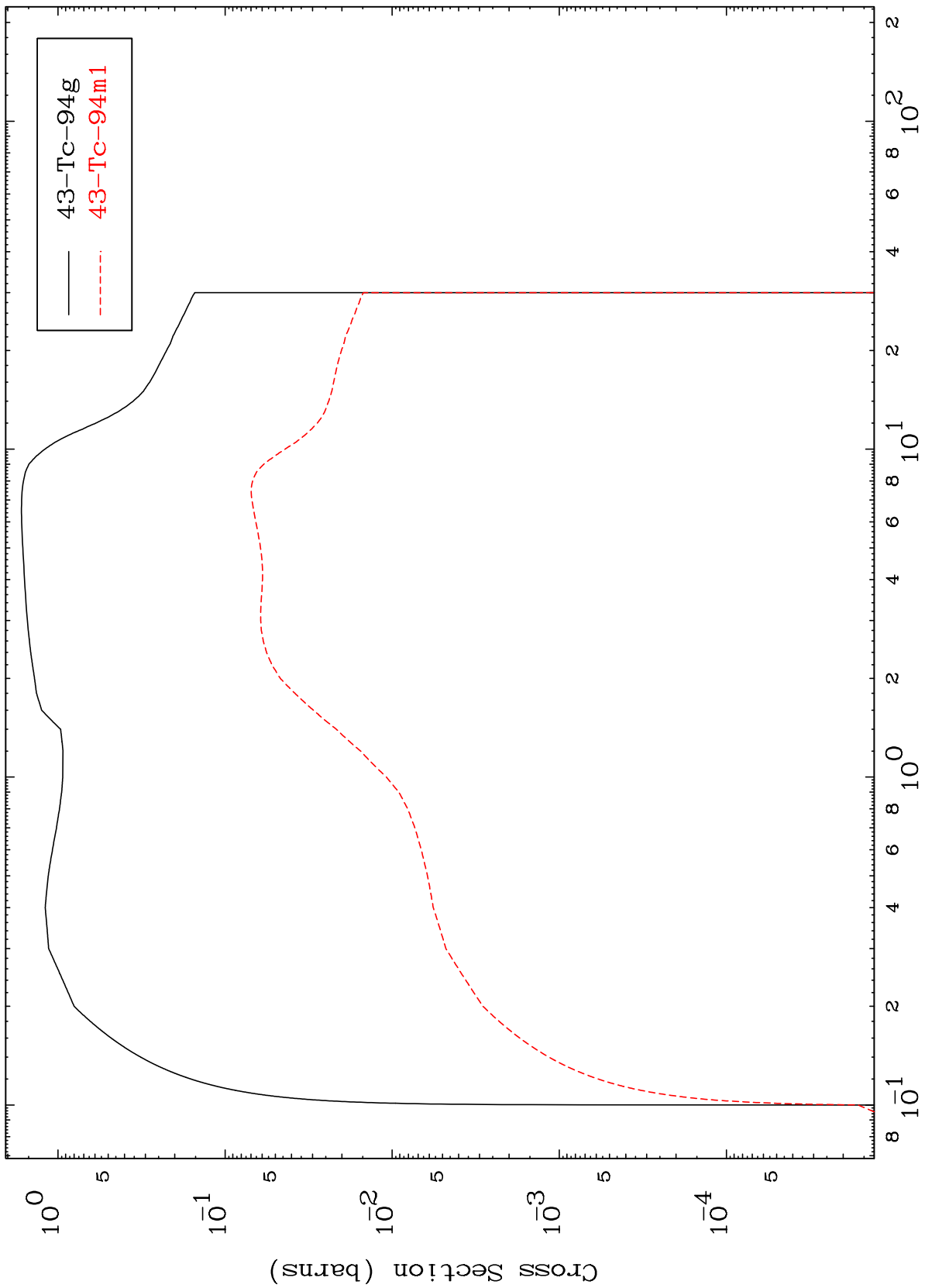




MAT 4310

43-Tc-94

Inelastic Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

43-Tc-94

Incident Energy (MeV)

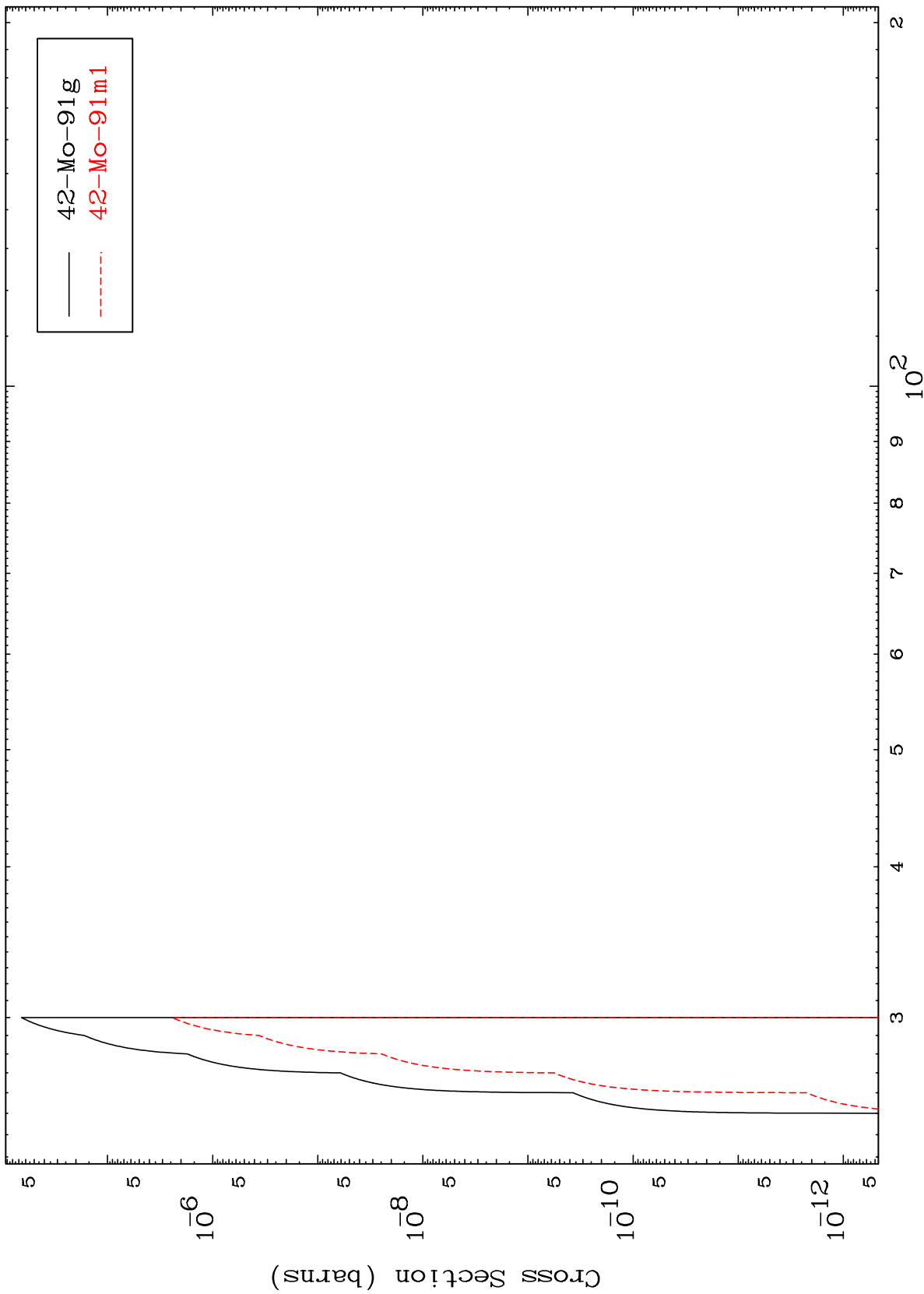
105

MAT 4310

(n,2n) d

43-Tc-94

Radionuclide Production Cross Section



106

Incident Energy (MeV)

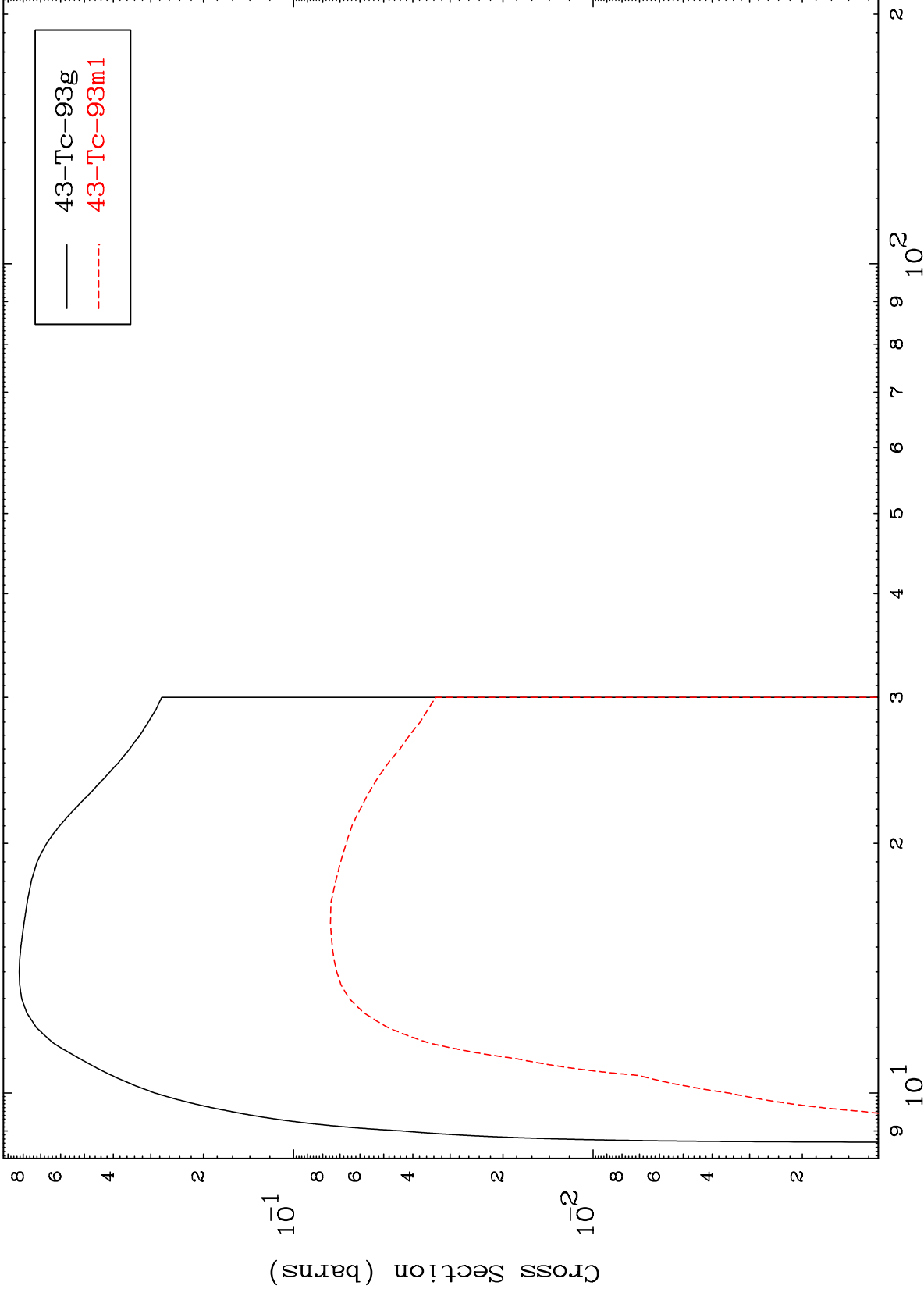
43-Tc-94

MAT 4310

(n,2n)

43-Tc-94

Radionuclide Production Cross Section



107

Incident Energy (MeV)

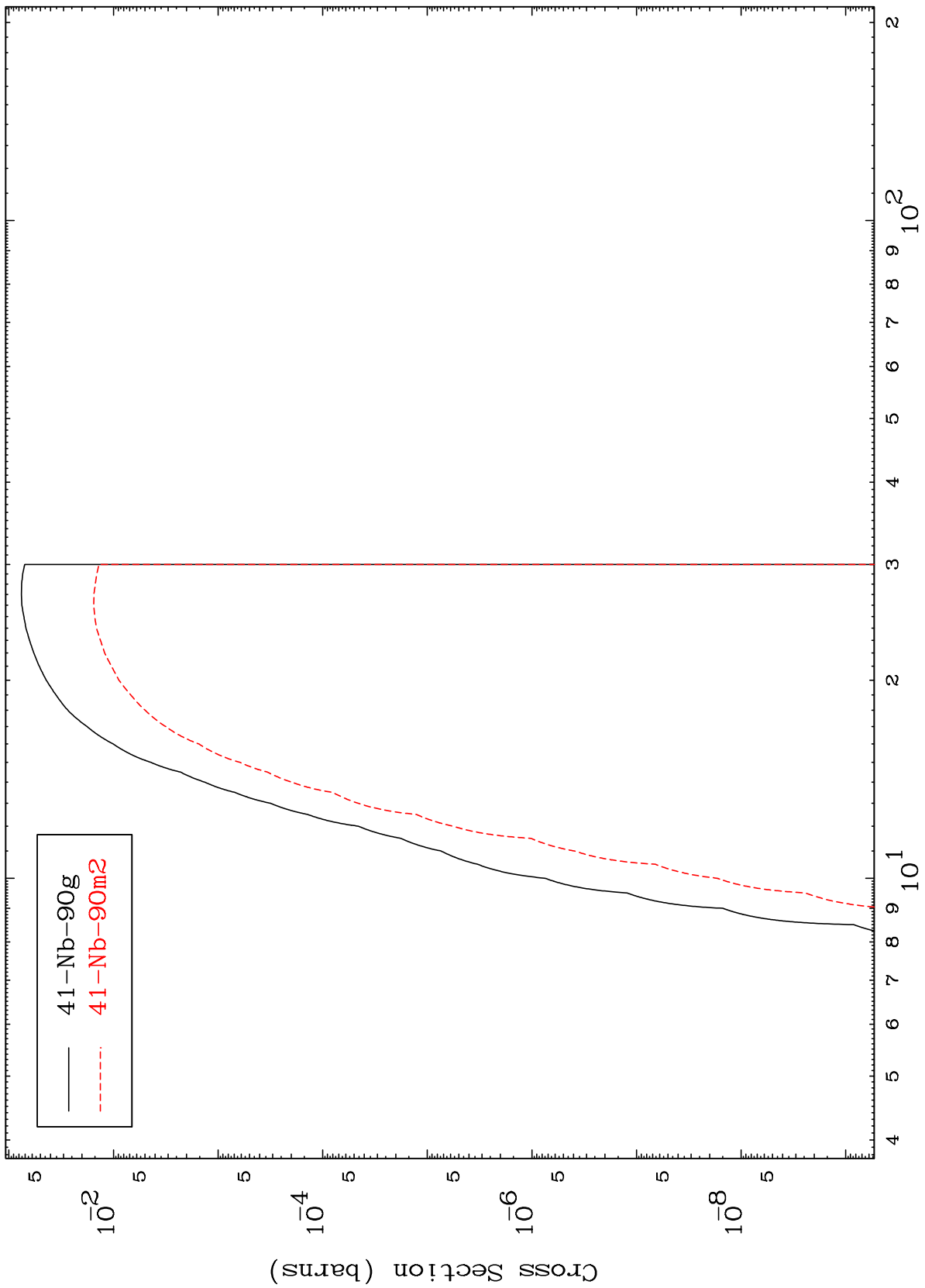
43-Tc-94

MAT 4310

(n,n') α

43-Tc-94

Radionuclide Production Cross Section



108

Incident Energy (MeV)

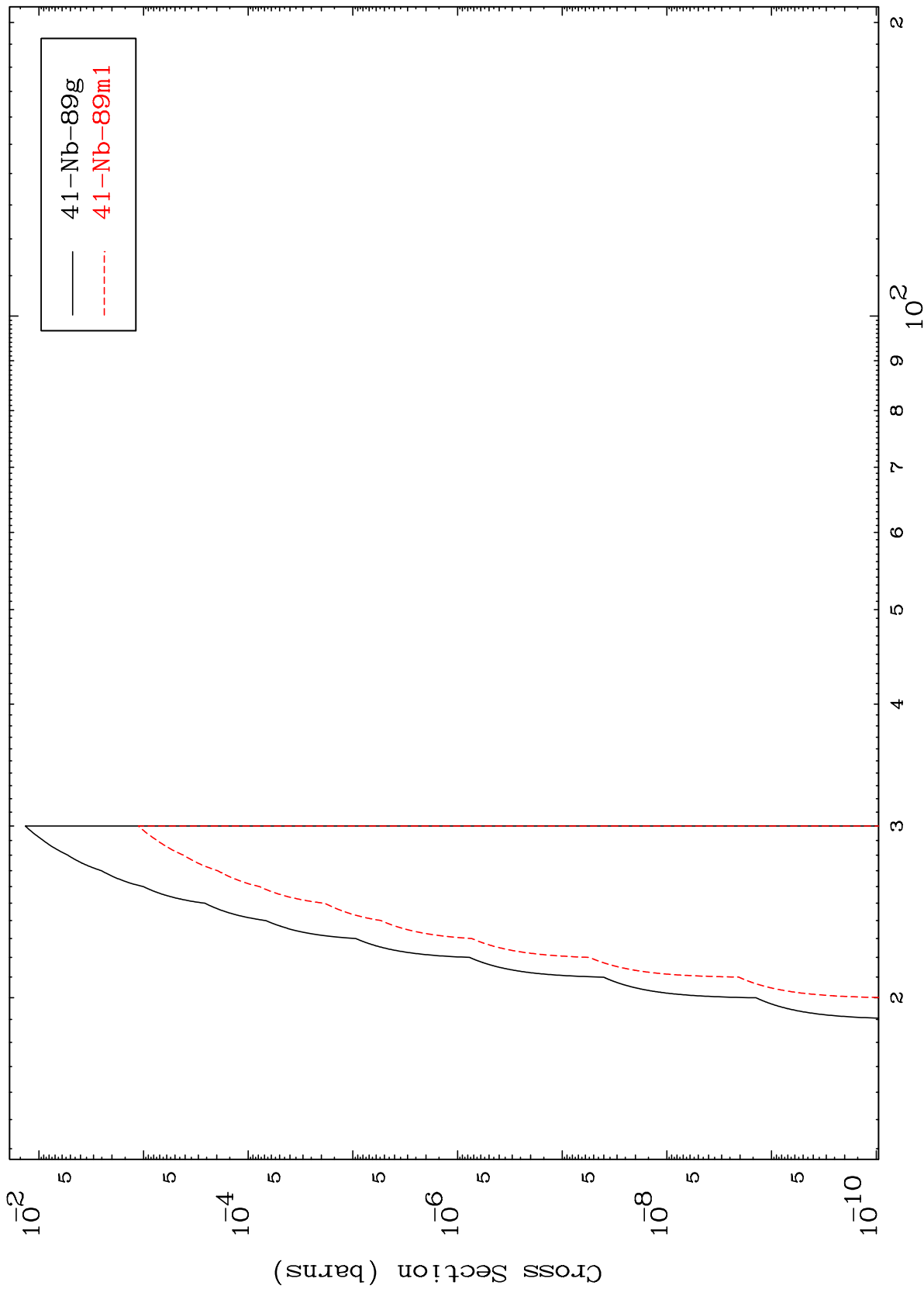
43-Tc-94

MAT 4310

(n,2n) α

43-Tc-94

Radionuclide Production Cross Section



109

Incident Energy (MeV)

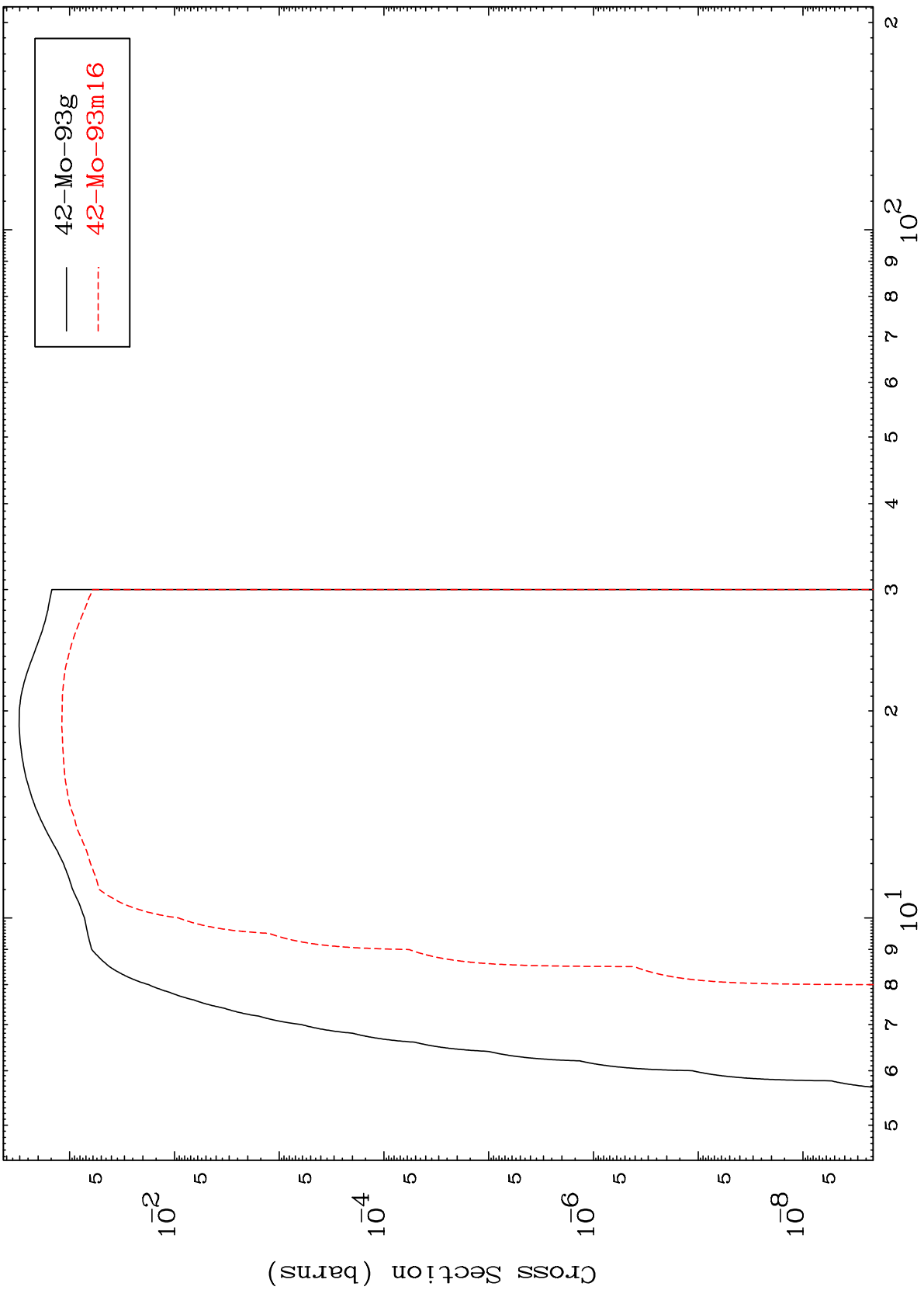
43-Tc-94

MAT 4310

(n,n') p

43-Tc-94

Radionuclide Production Cross Section



110

Incident Energy (MeV)

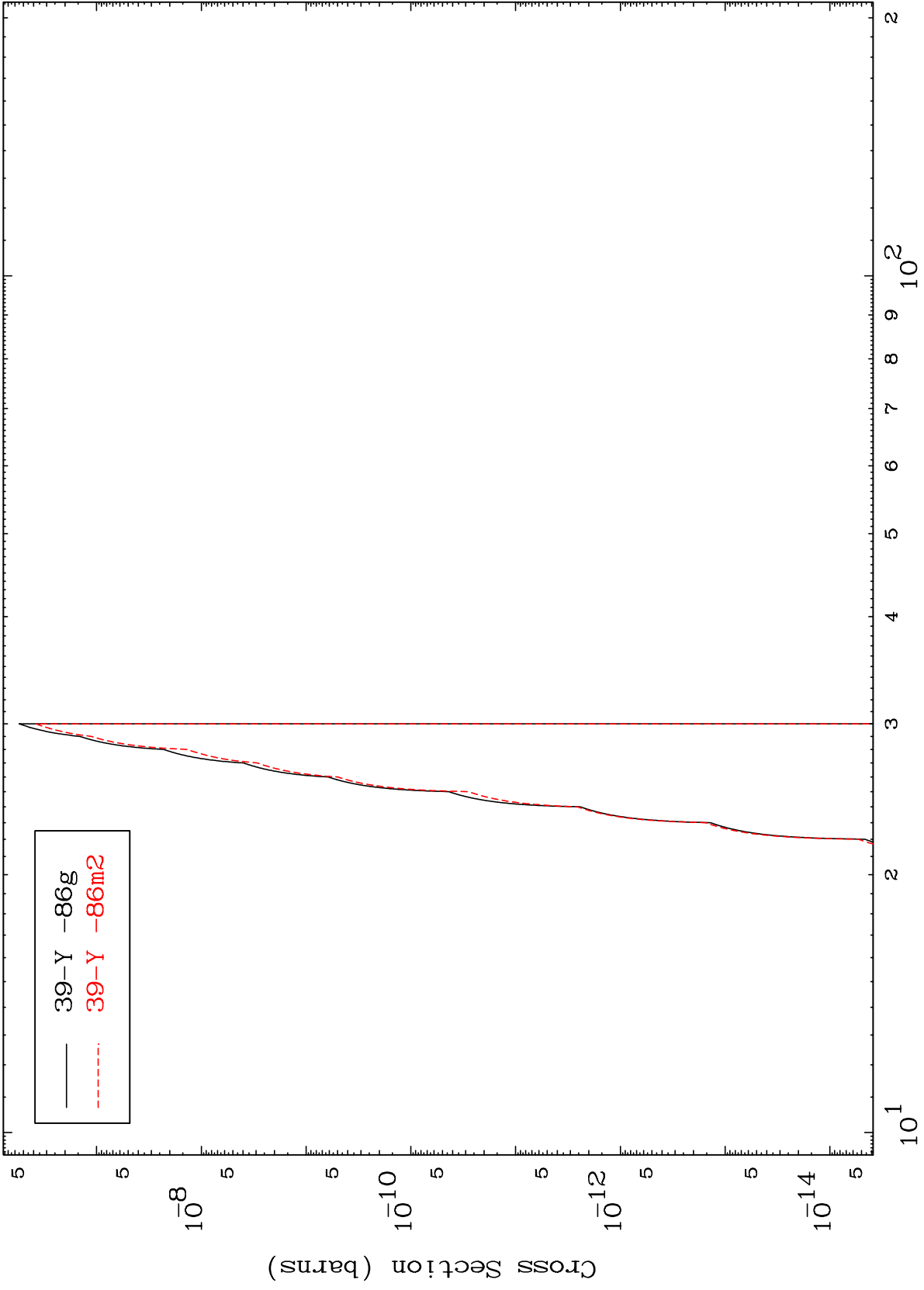
43-Tc-94

MAT 4310

(n,n') 2α

43-Tc-94

Radionuclide Production Cross Section



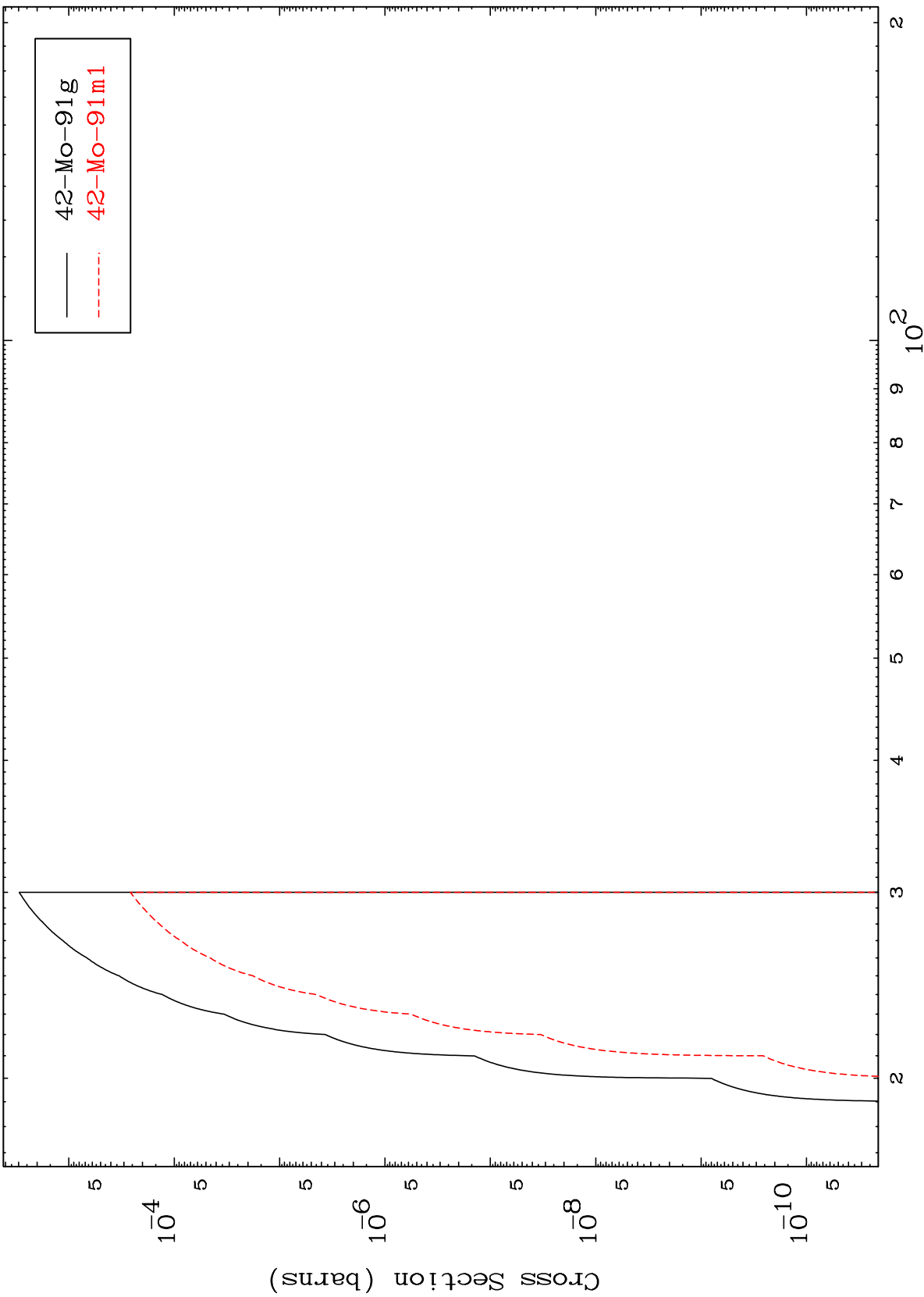
39-Y -86g
39-Y -86m2

111

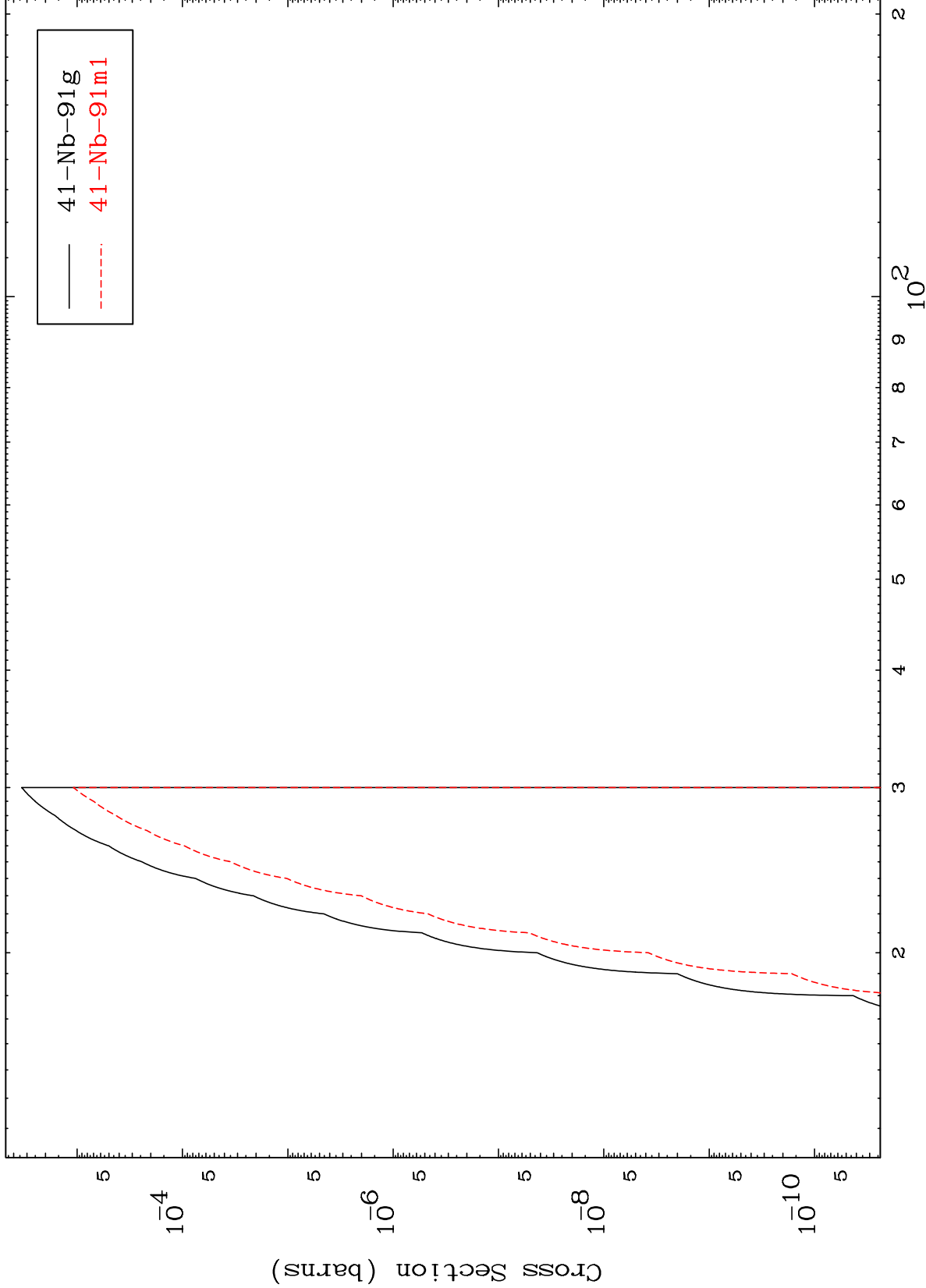
Incident Energy (MeV)

43-Tc-94

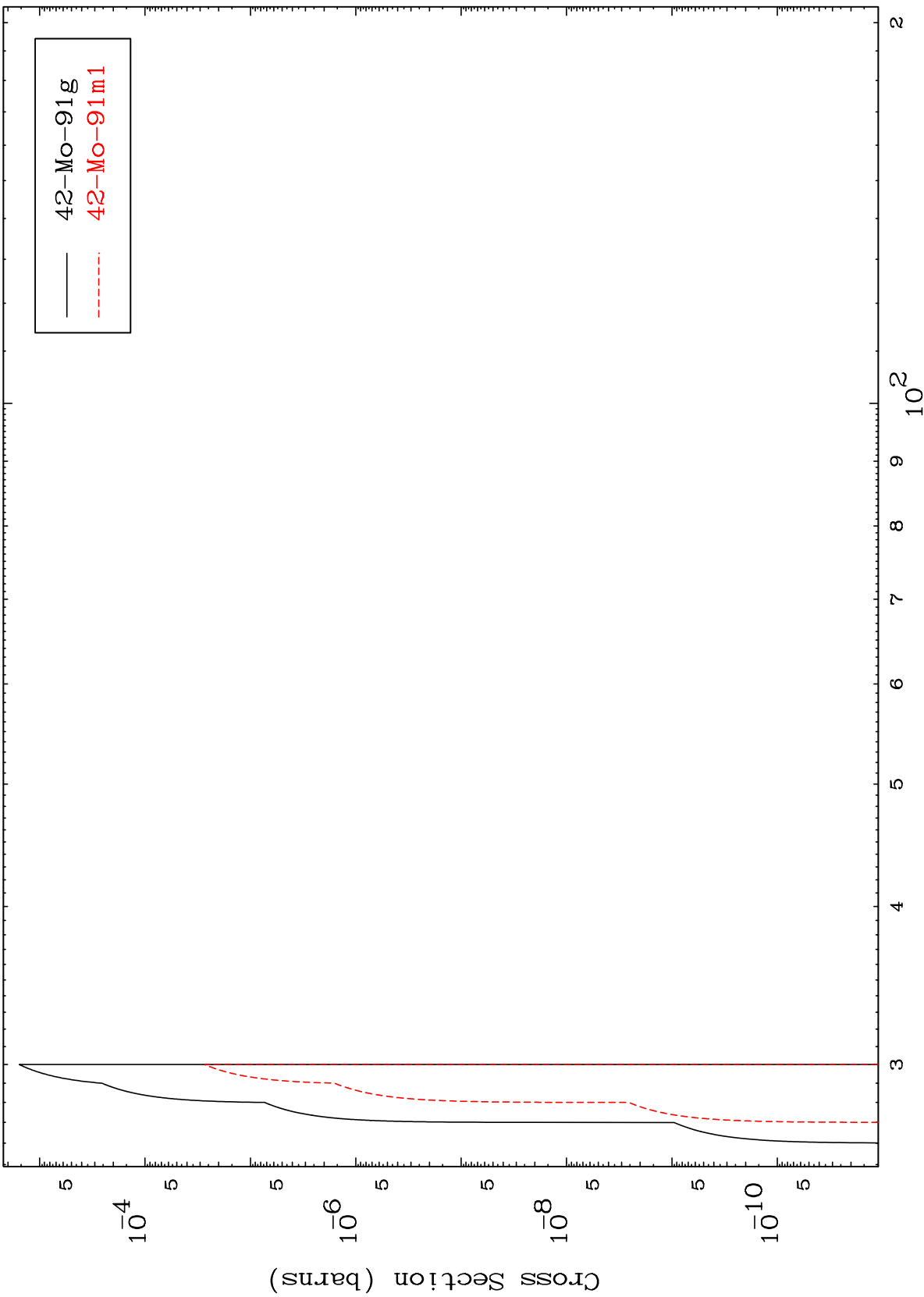
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

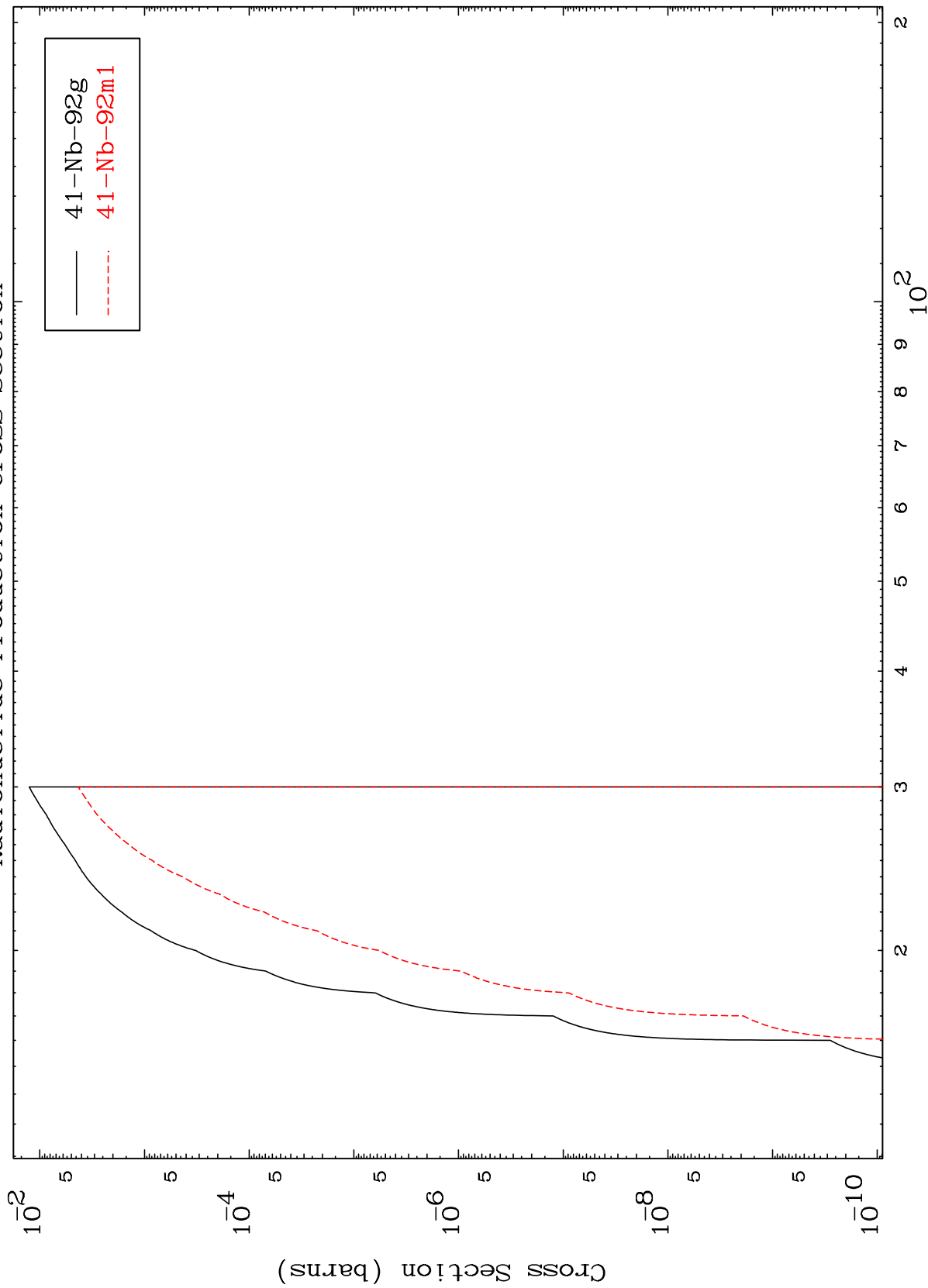


MAT 4310

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



115

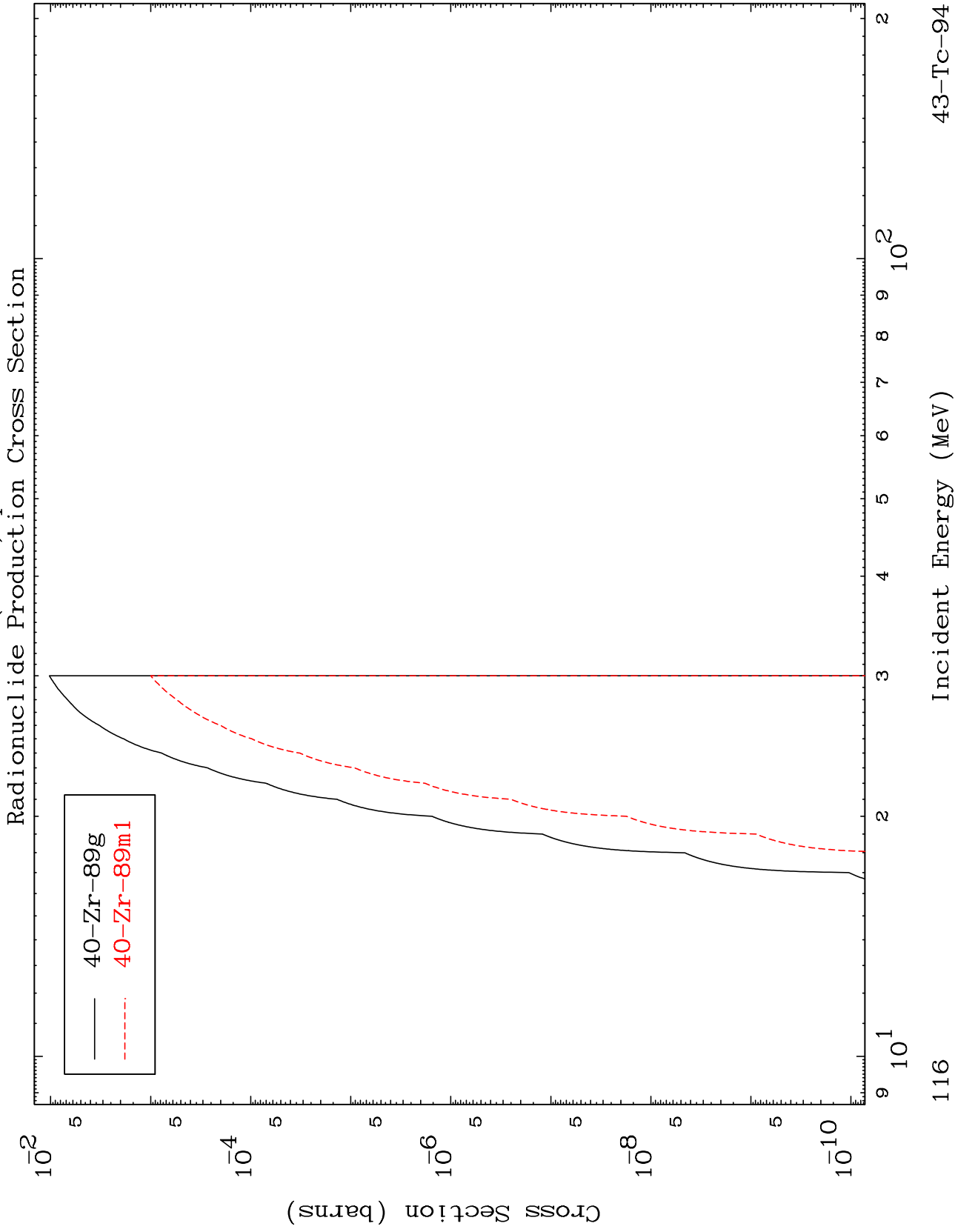
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,n') p α

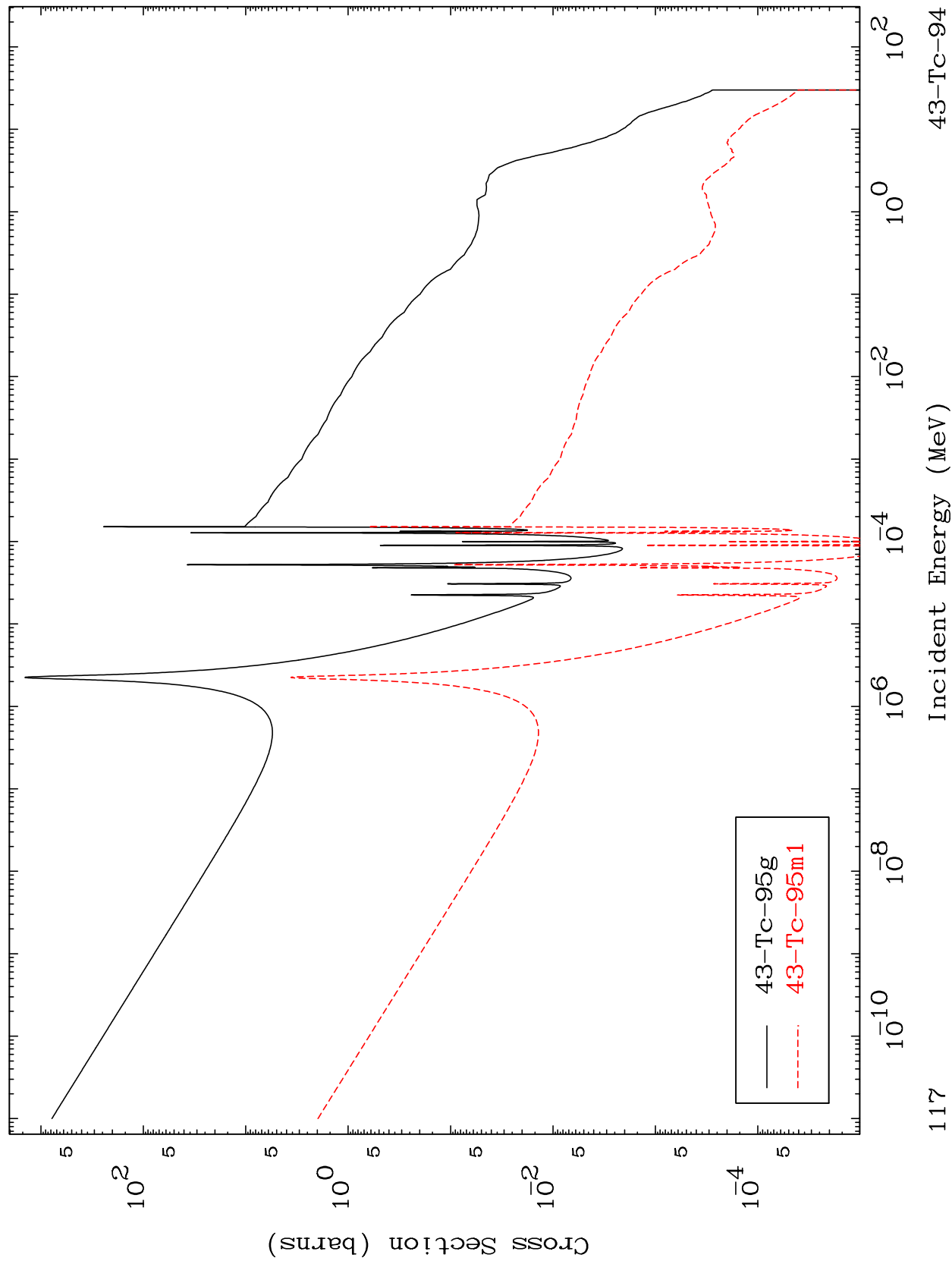
43-Tc-94



MAT 4310

43-Tc-94

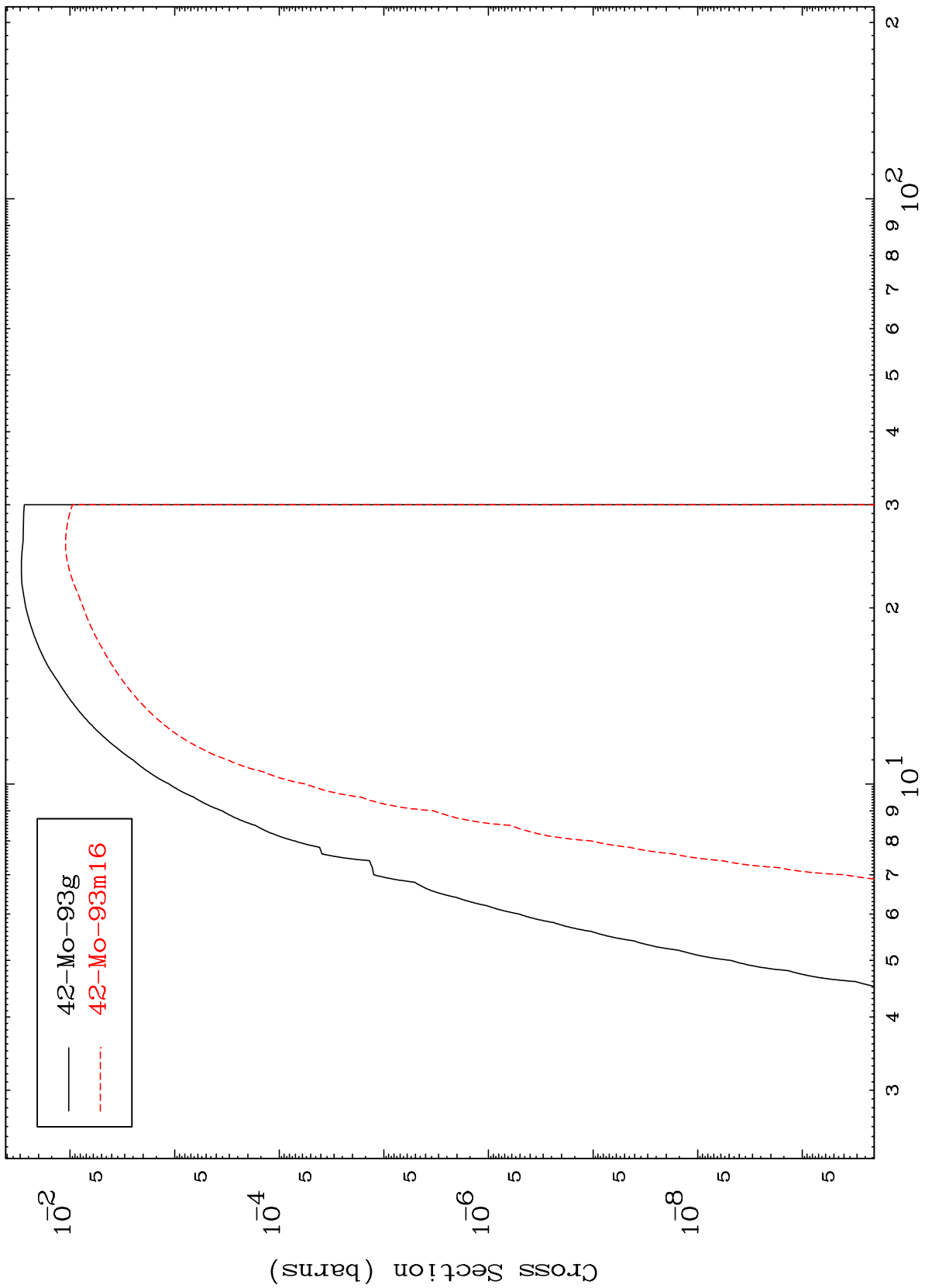
(n, γ)
Radionuclide Production Cross Section



MAT 4310

43-Tc-94

(n,d)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

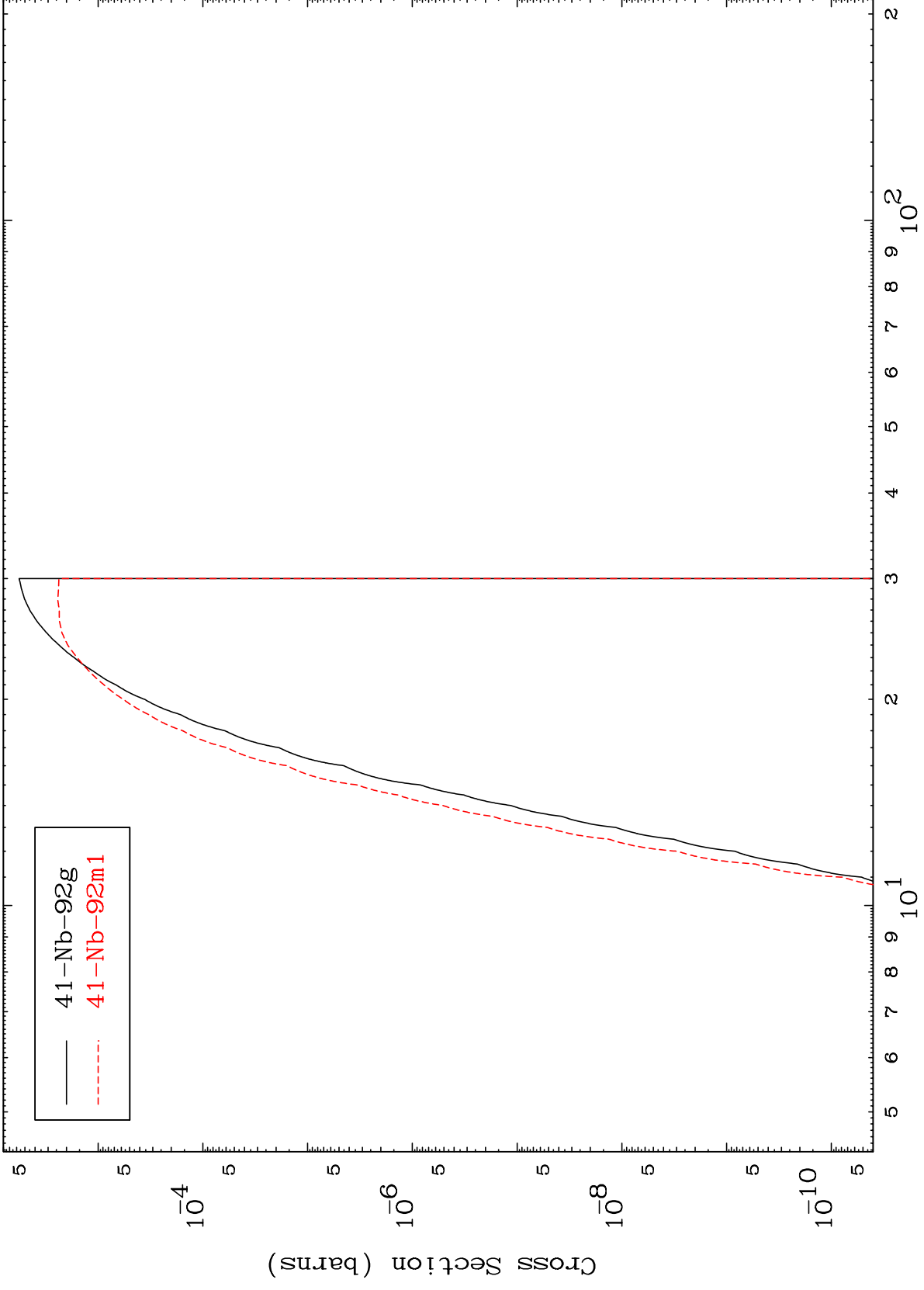
43-Tc-94

MAT 4310

(n,He-3)

43-Tc-94

Radionuclide Production Cross Section



— 41-Nb-92g
- - - 41-Nb-92m1

119

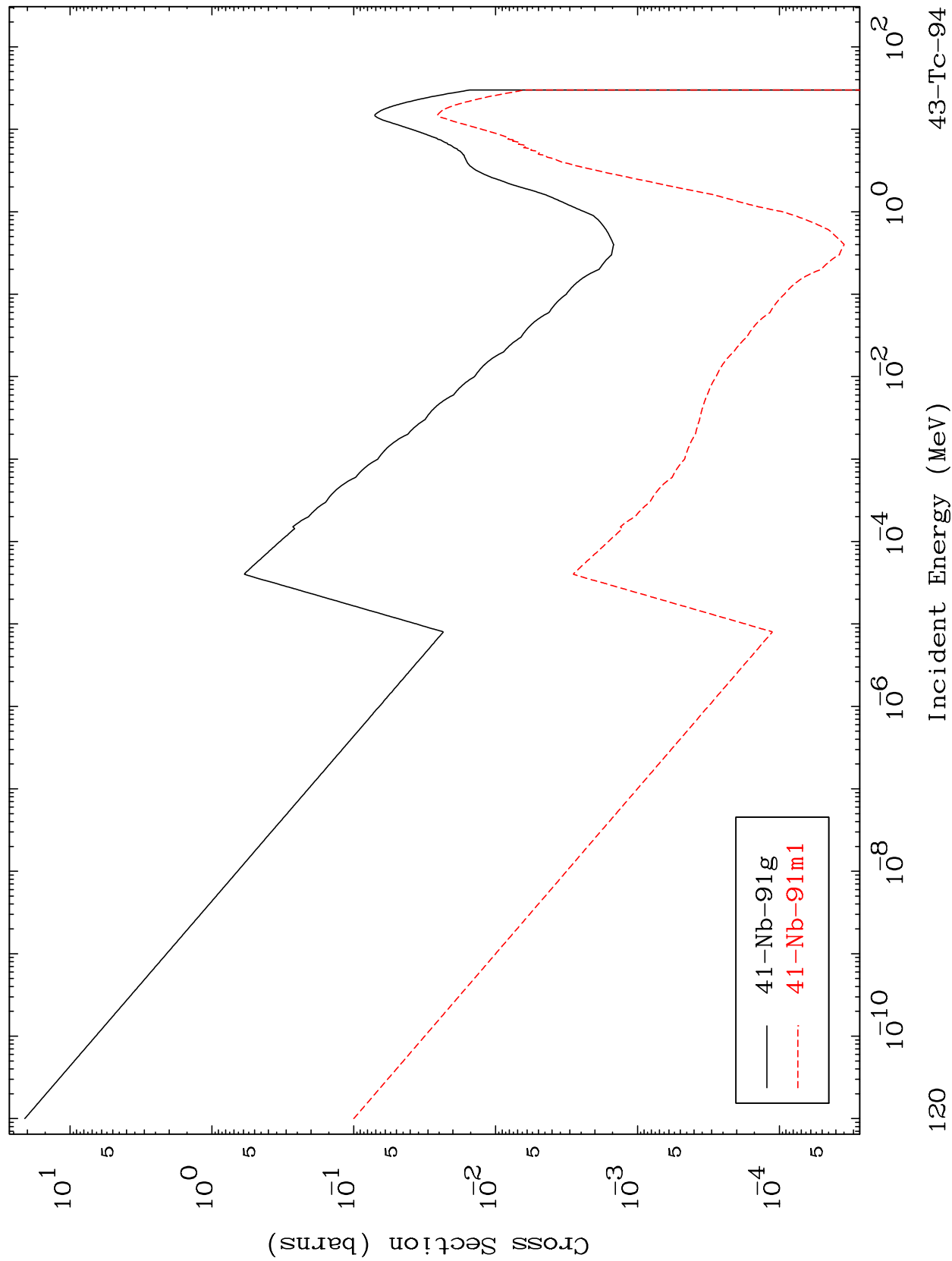
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

(n, α)
Radionuclide Production Cross Section

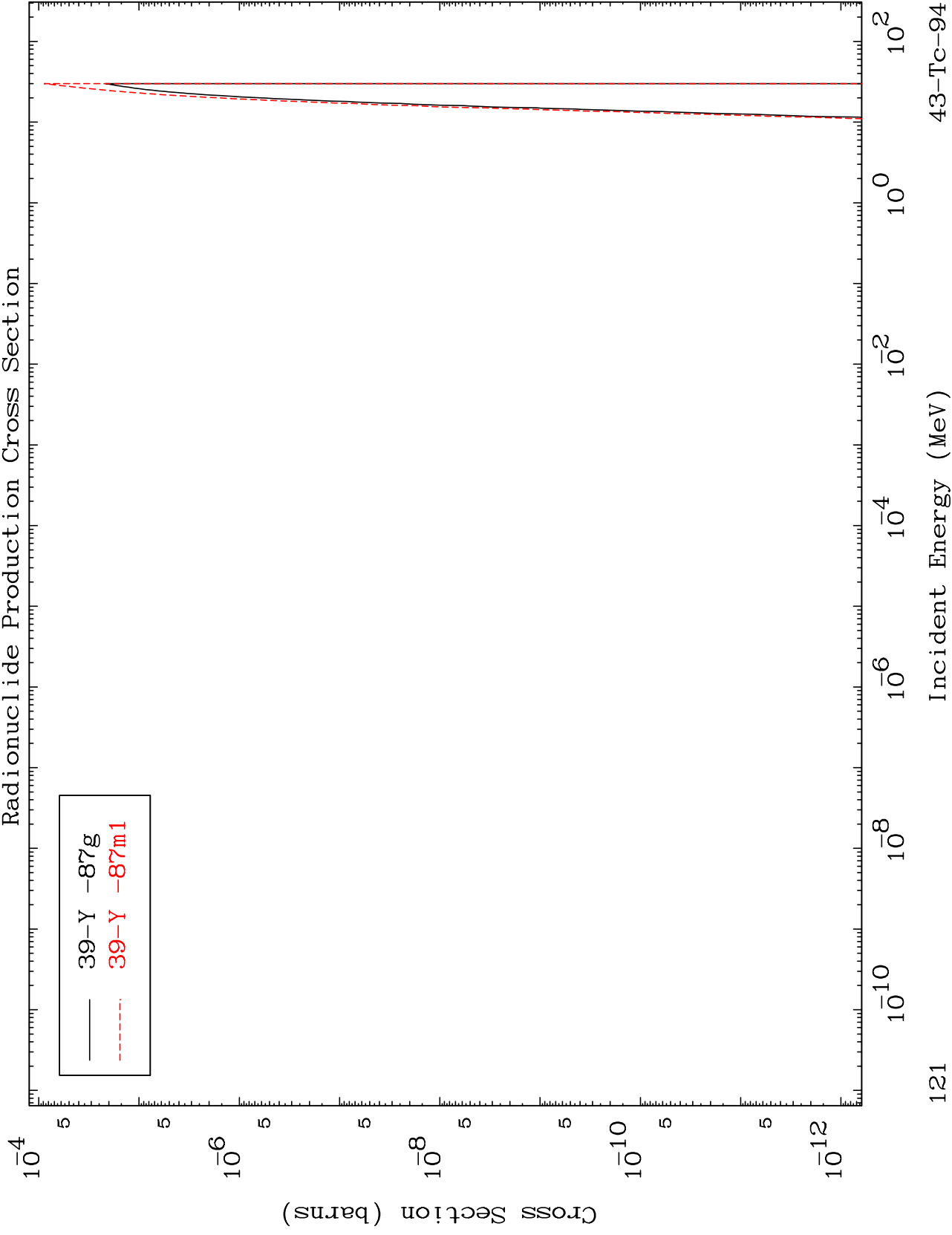


MAT 4310

(n,2α)

43-Tc-94

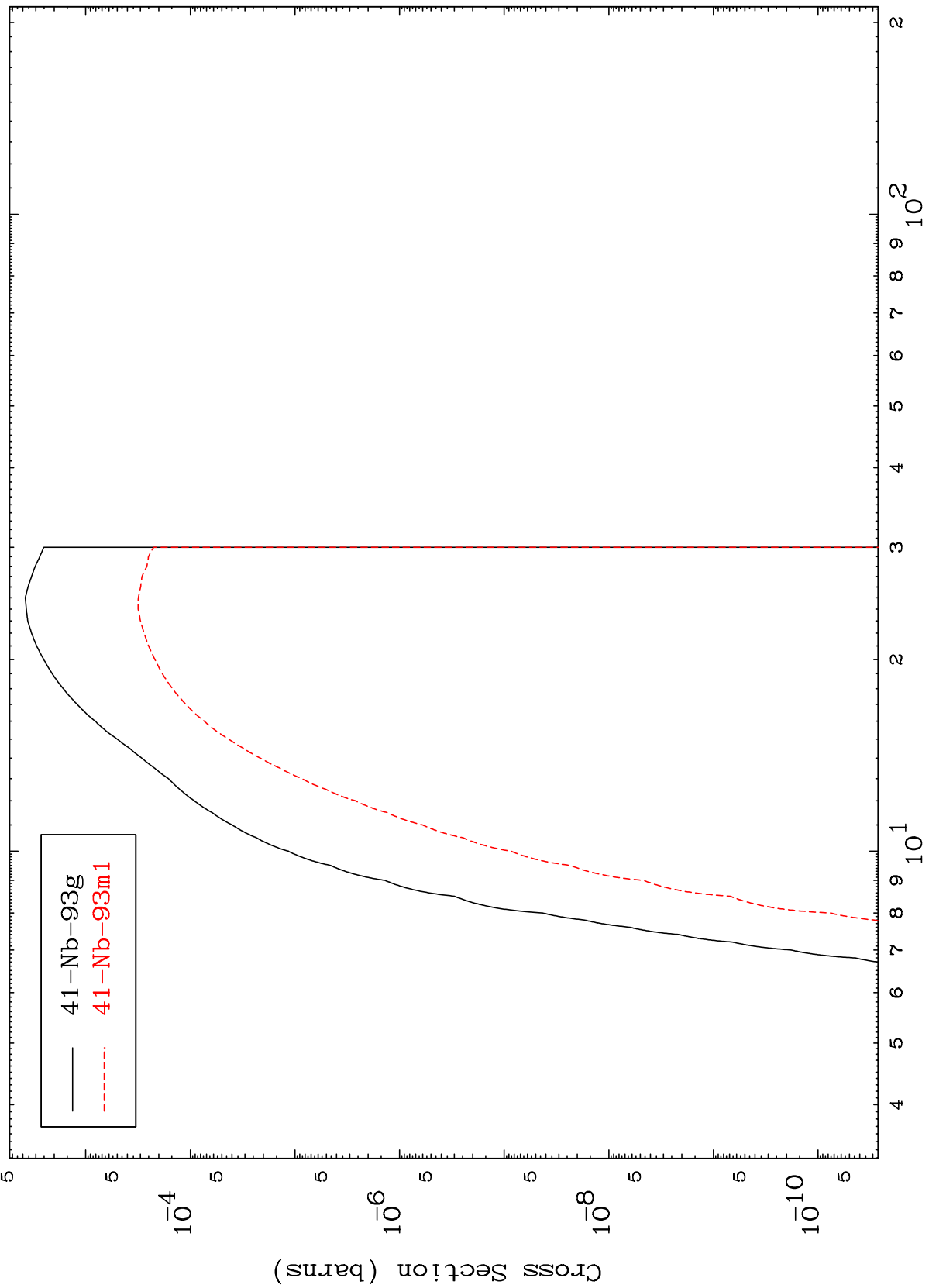
Radionuclide Production Cross Section



MAT 4310

43-Tc-94

(n,2p)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

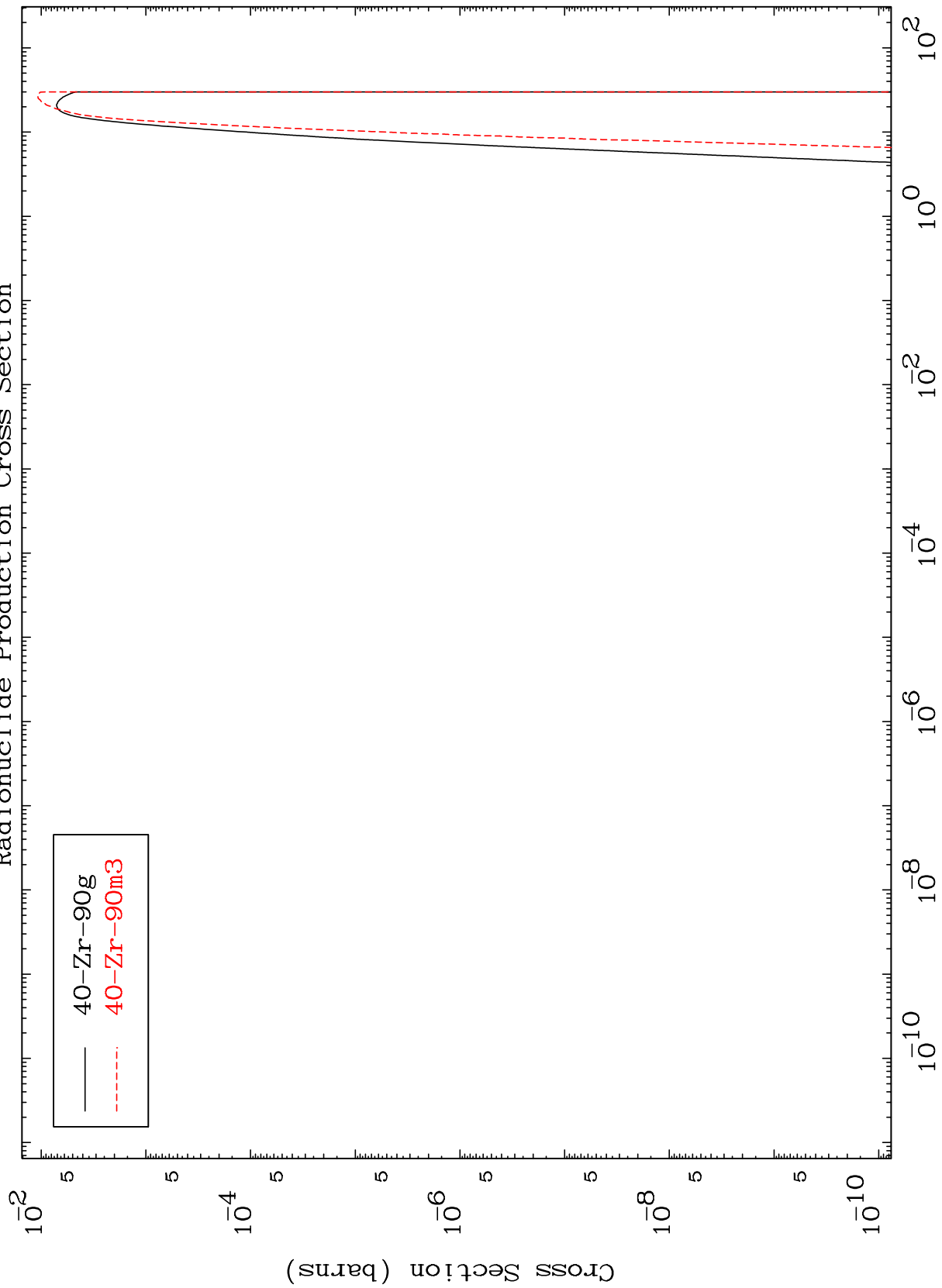
43-Tc-94

MAT 4310

(n,p) α

43-Tc-94

Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

Incident Energy (MeV)

43-Tc-94

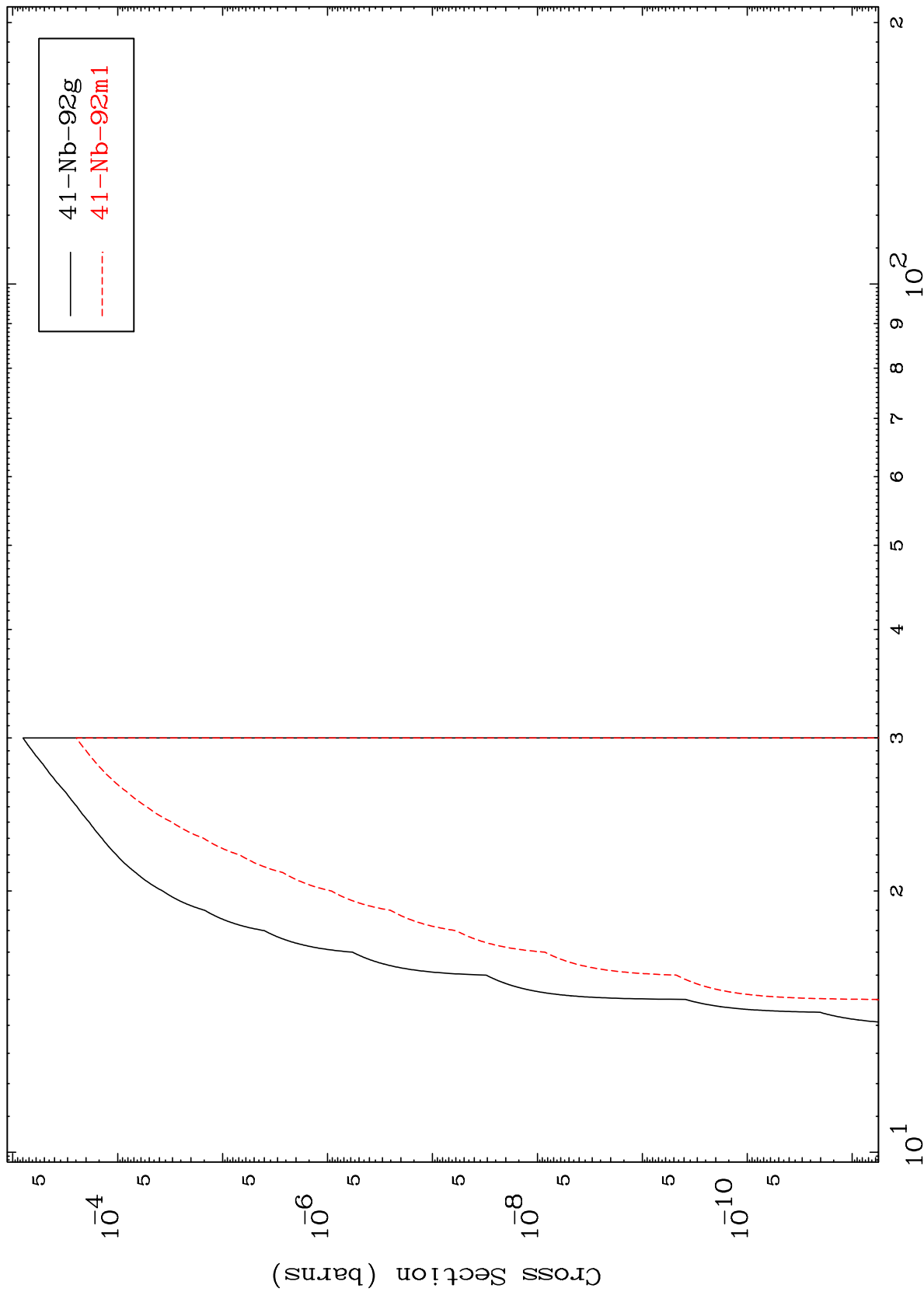
123

MAT 4310

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



124

Incident Energy (MeV)

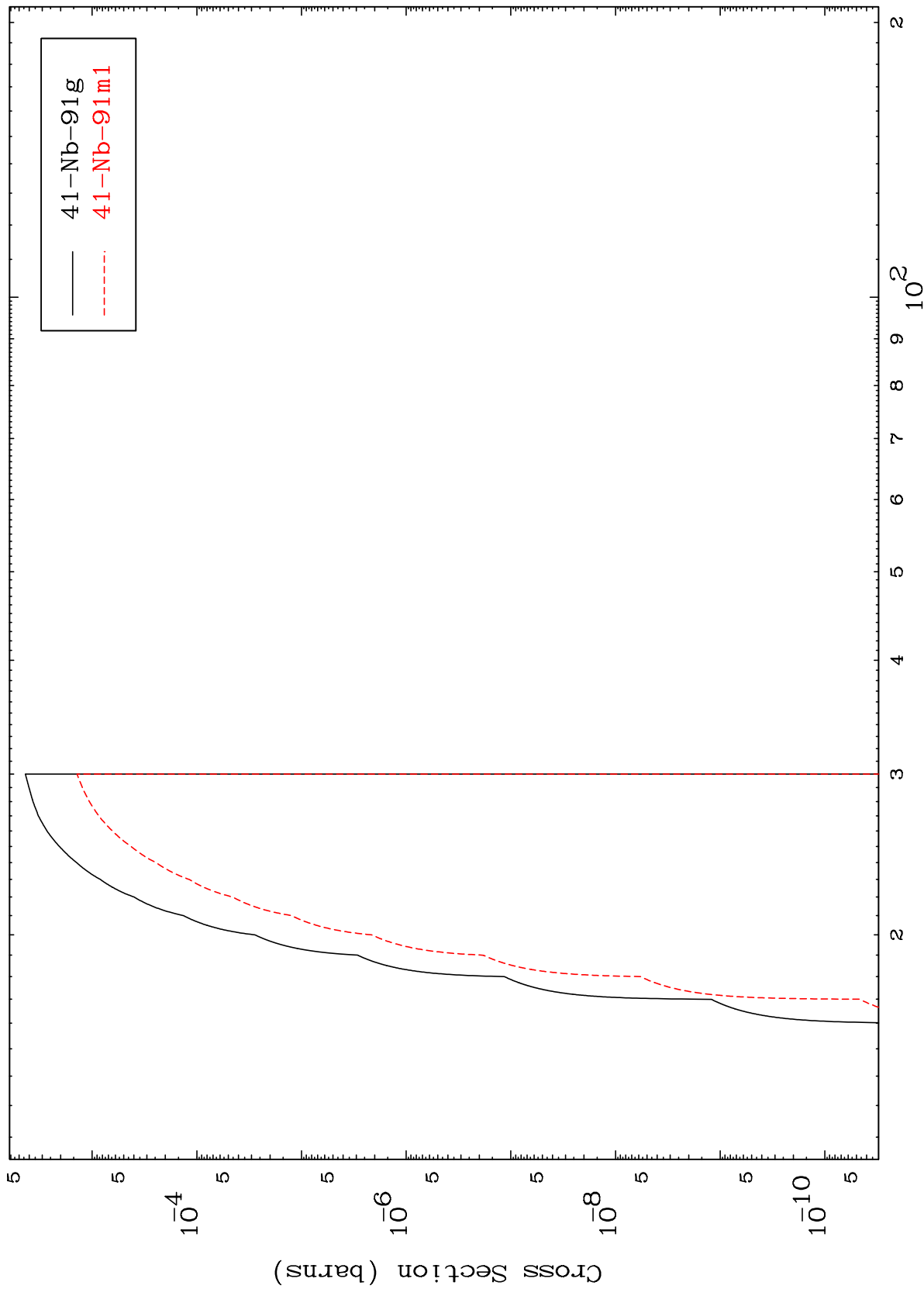
43-Tc-94

MAT 4310

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



125

Incident Energy (MeV)

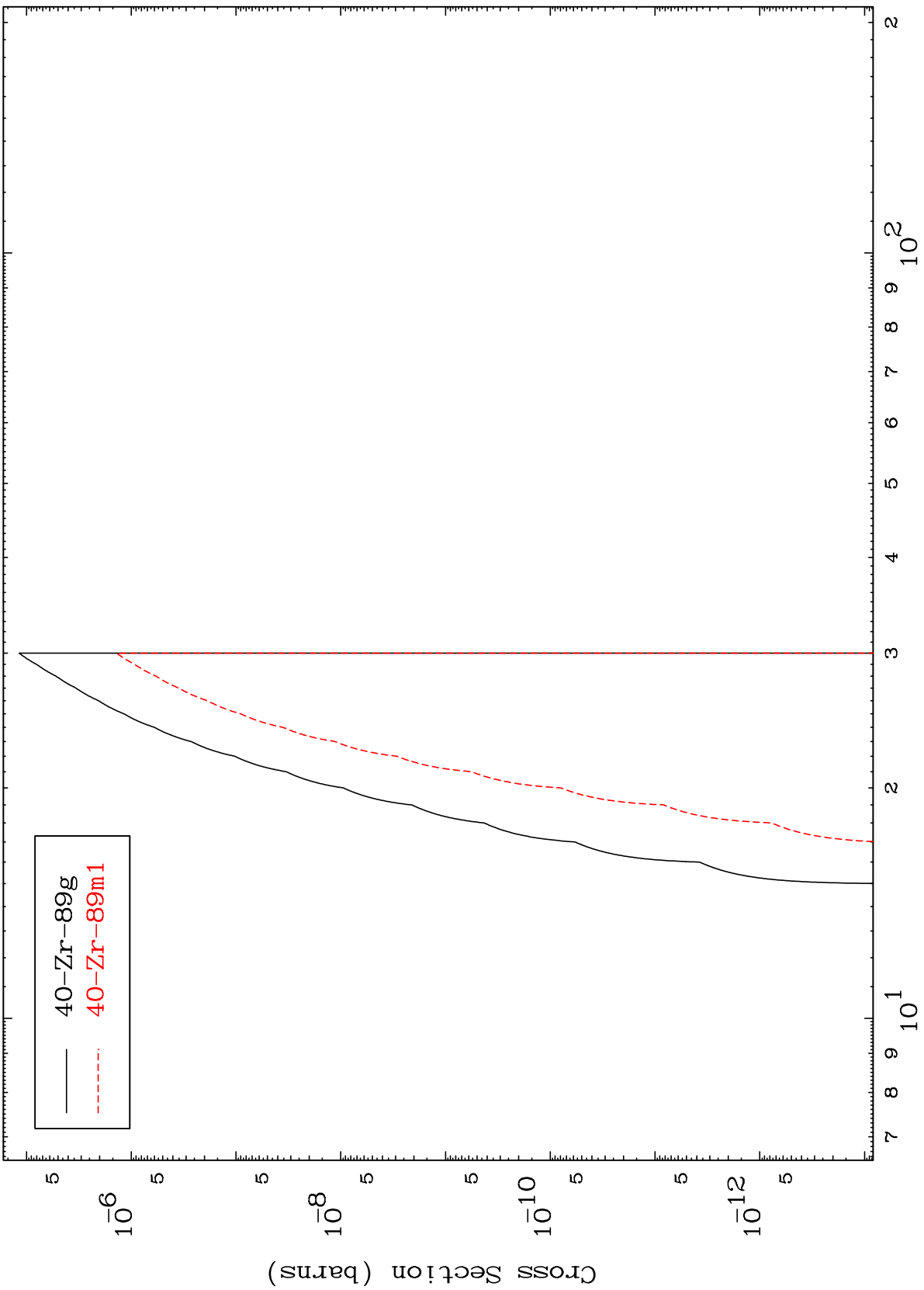
43-Tc-94

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