

Program EVALPLOT
(Version 2015-2)

by

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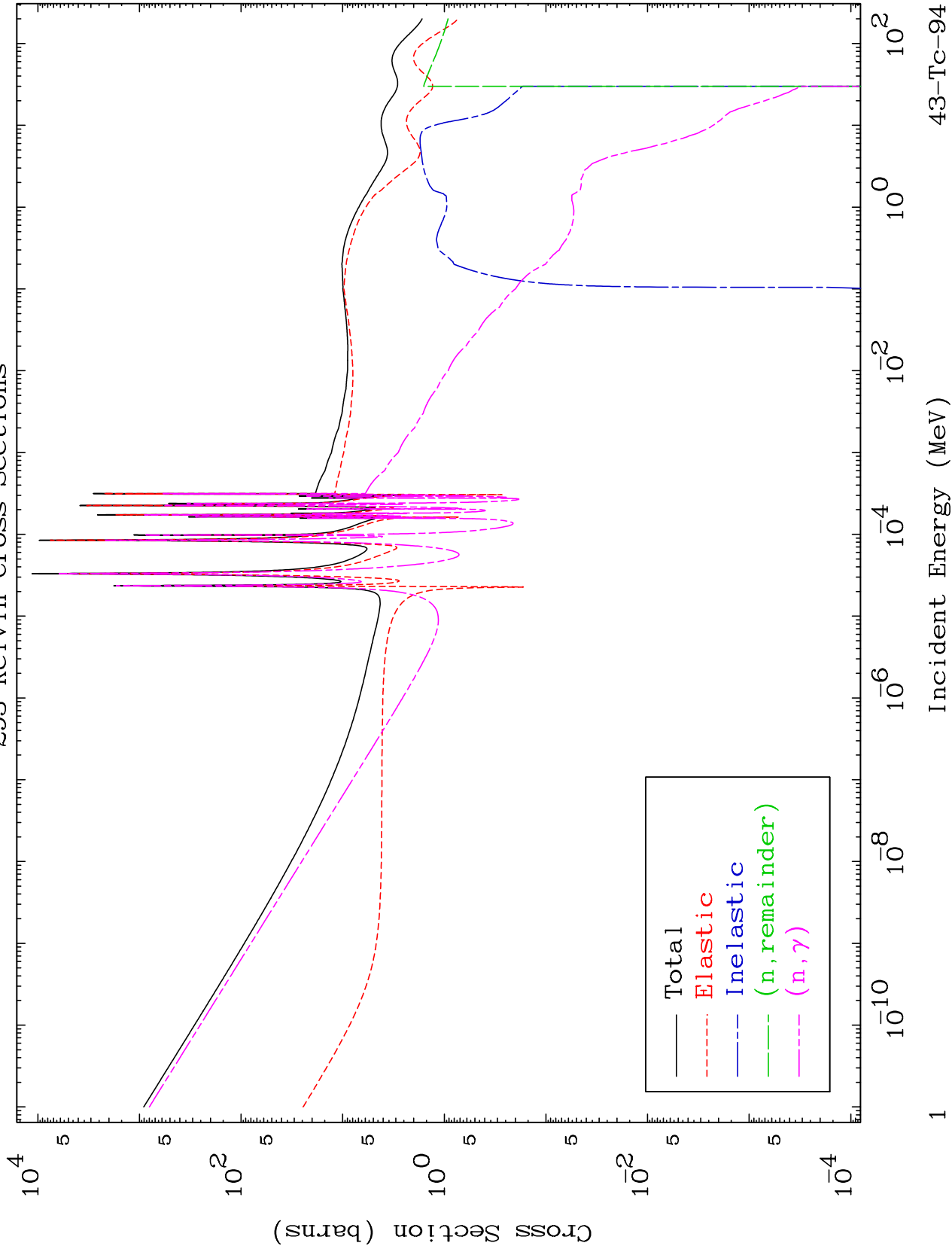
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4310

Major
293 Kelvin Cross Sections

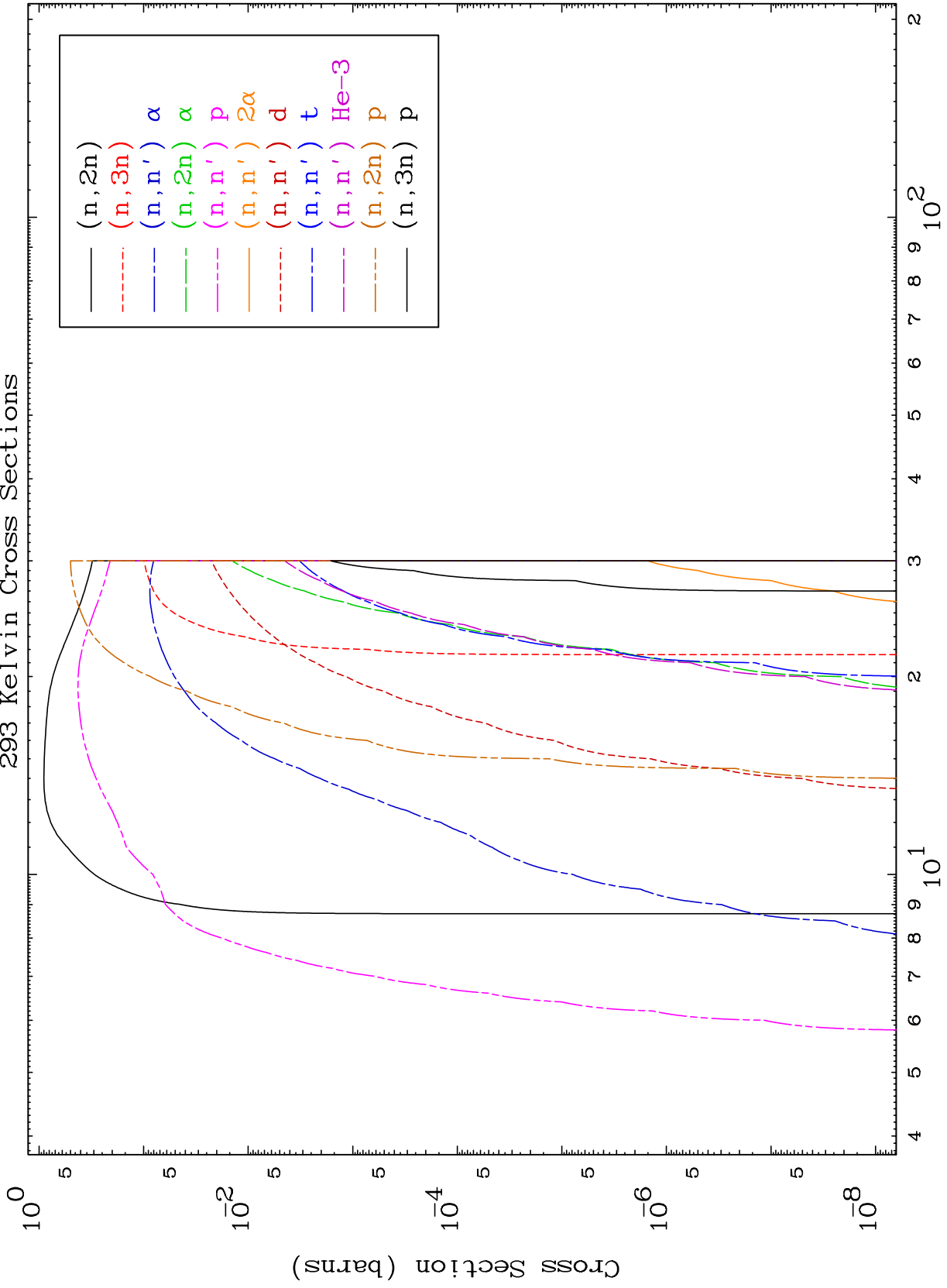
43-Tc-94



MAT 4310

Neutron Production
293 Kelvin Cross Sections

43-Tc-94



2

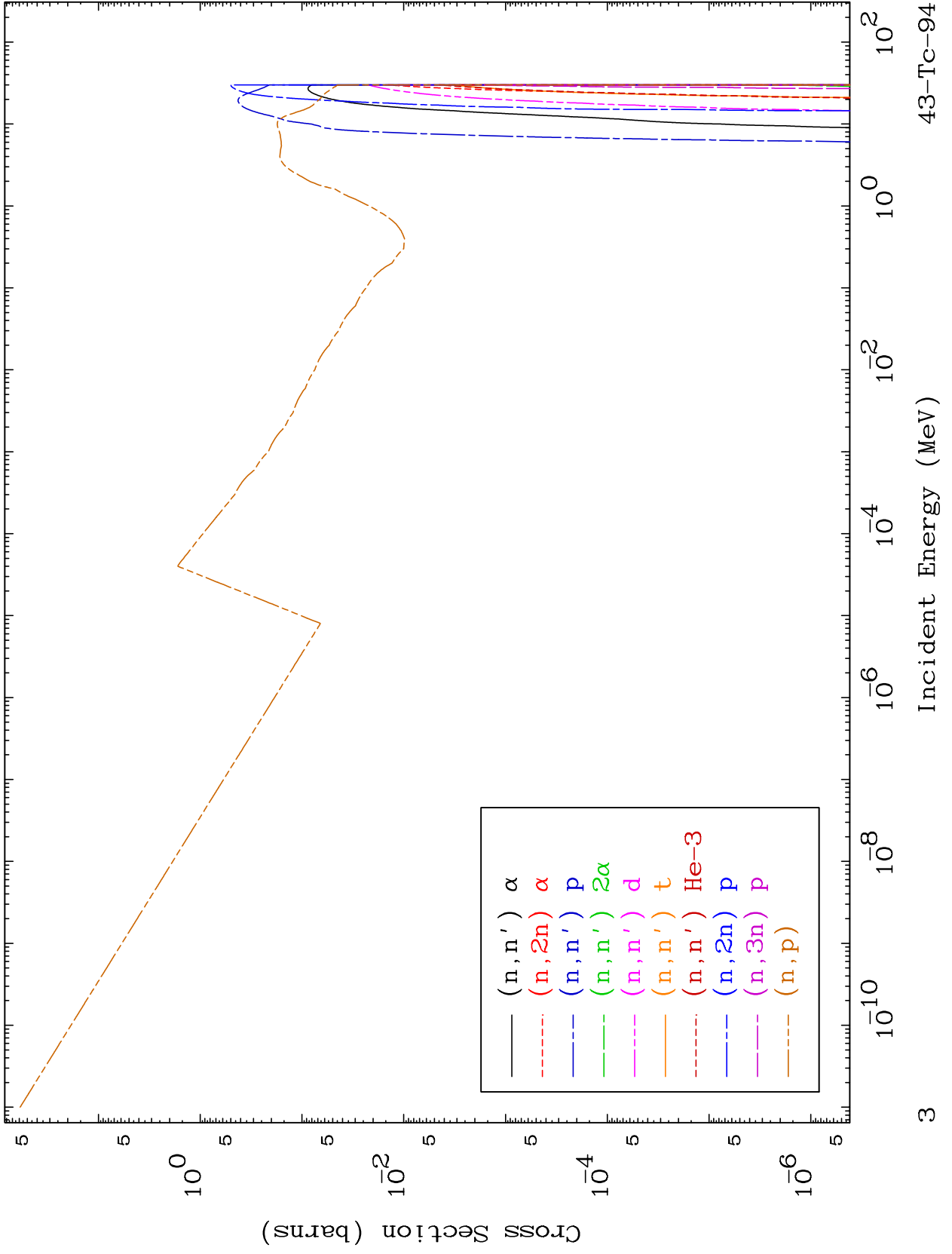
Incident Energy (MeV)

43-Tc-94

MAT 4310

Charged Particle
293 Kelvin Cross Sections

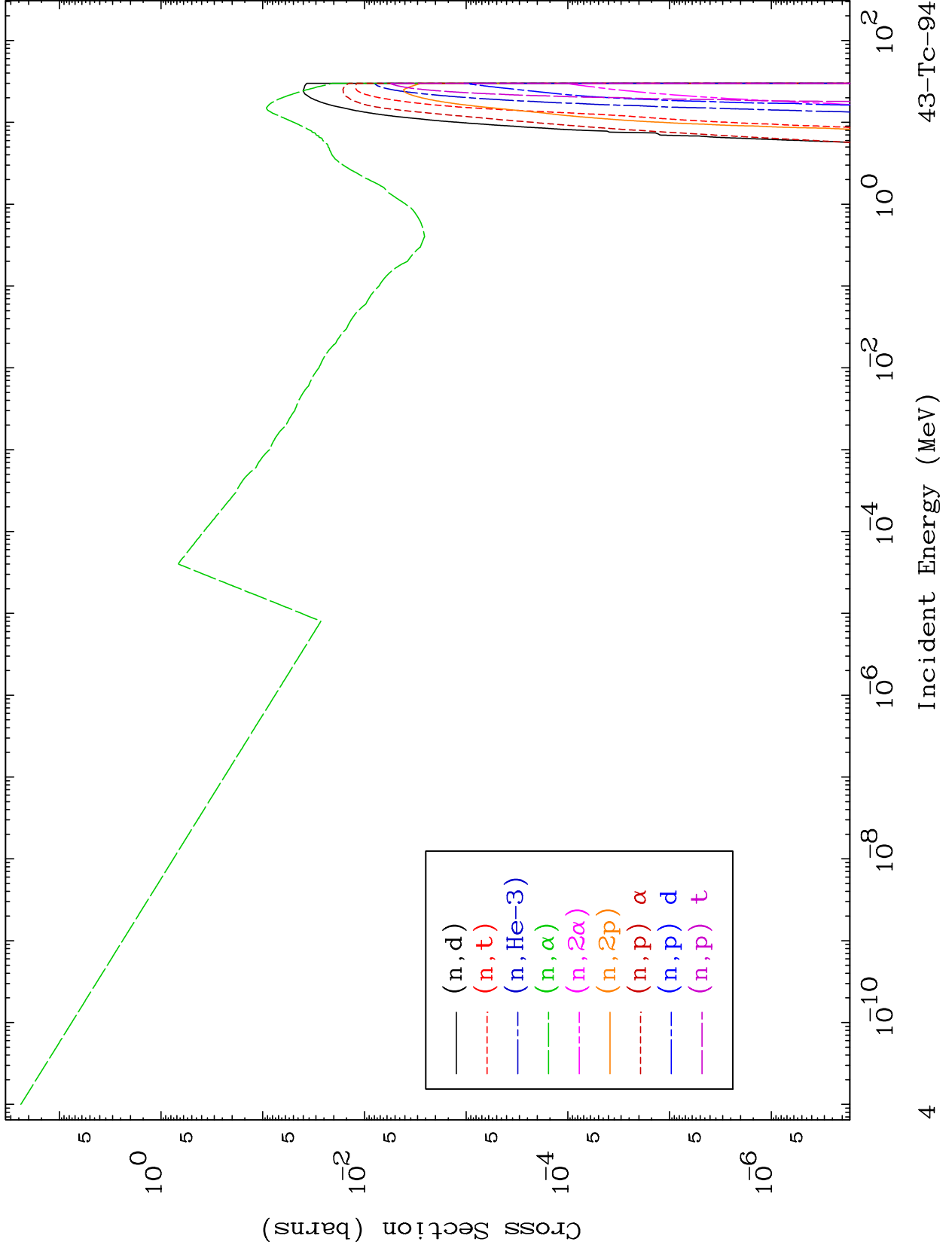
43-Tc-94



MAT 4310

Charged Particle
293 Kelvin Cross Sections

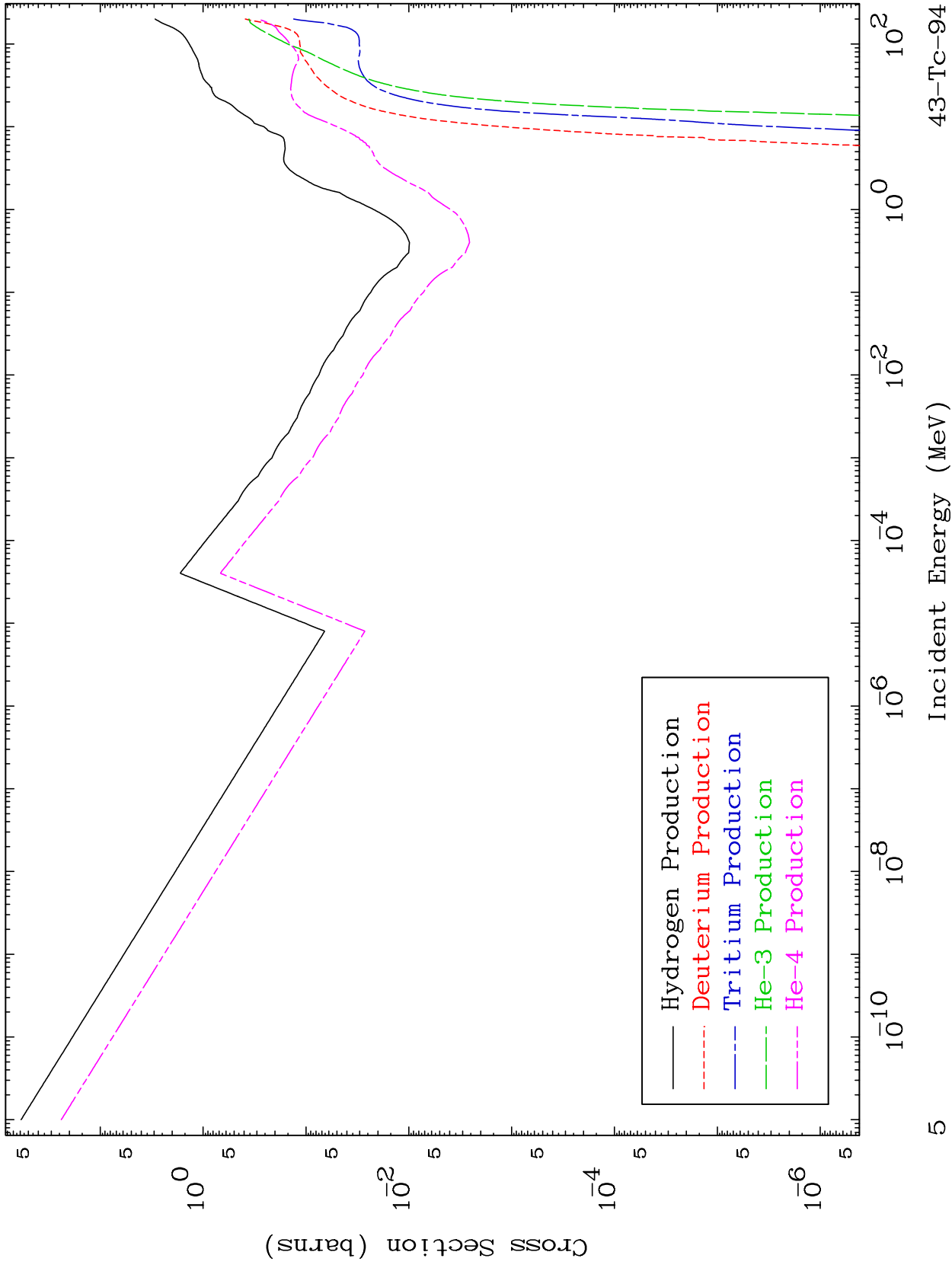
43-Tc-94



MAT 4310

Particle Production
293 Kelvin Cross Sections

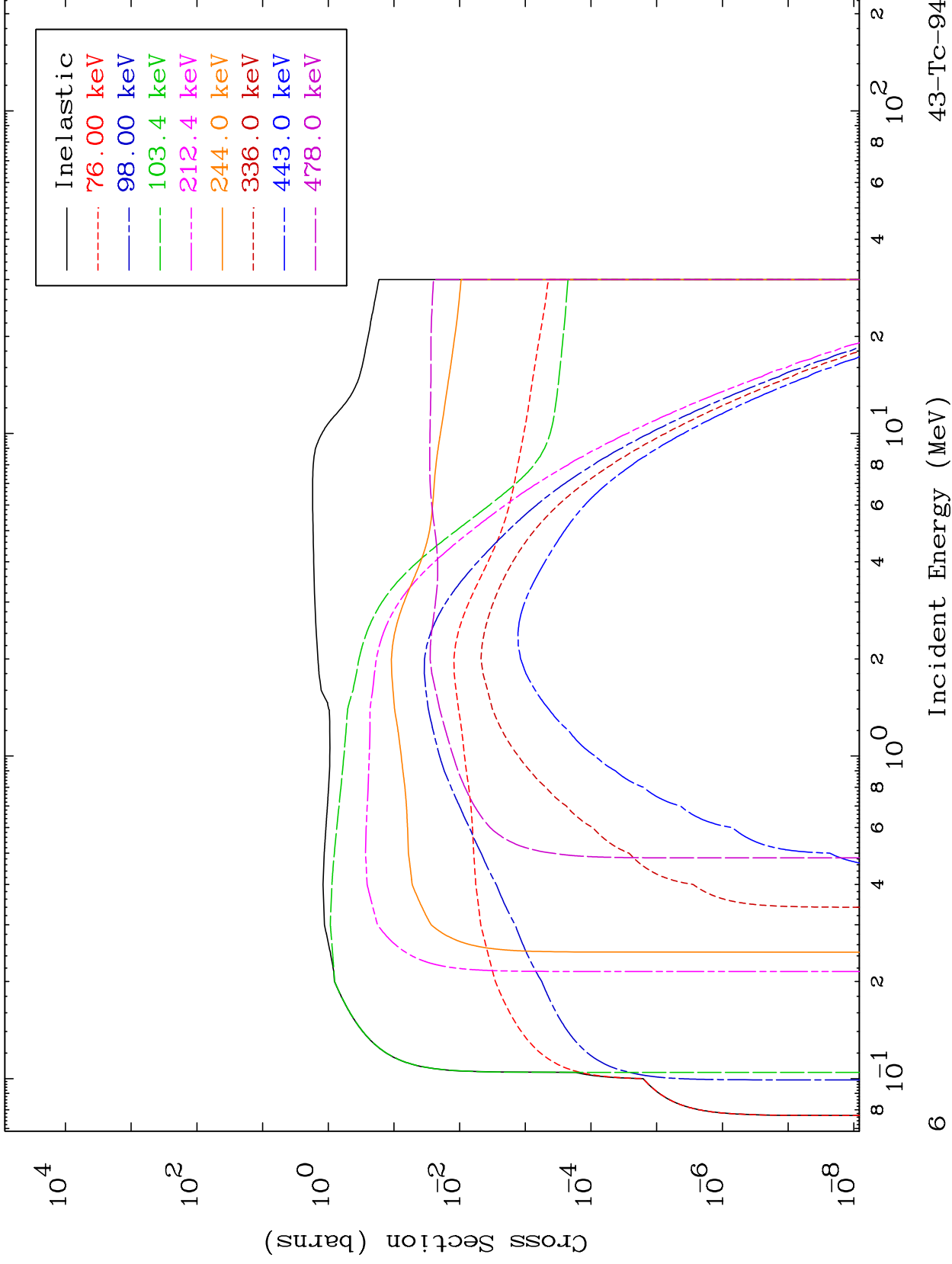
43-Tc-94



MAT 4310

(n,n') Level
293 Kelvin Cross Sections

43-Tc-94



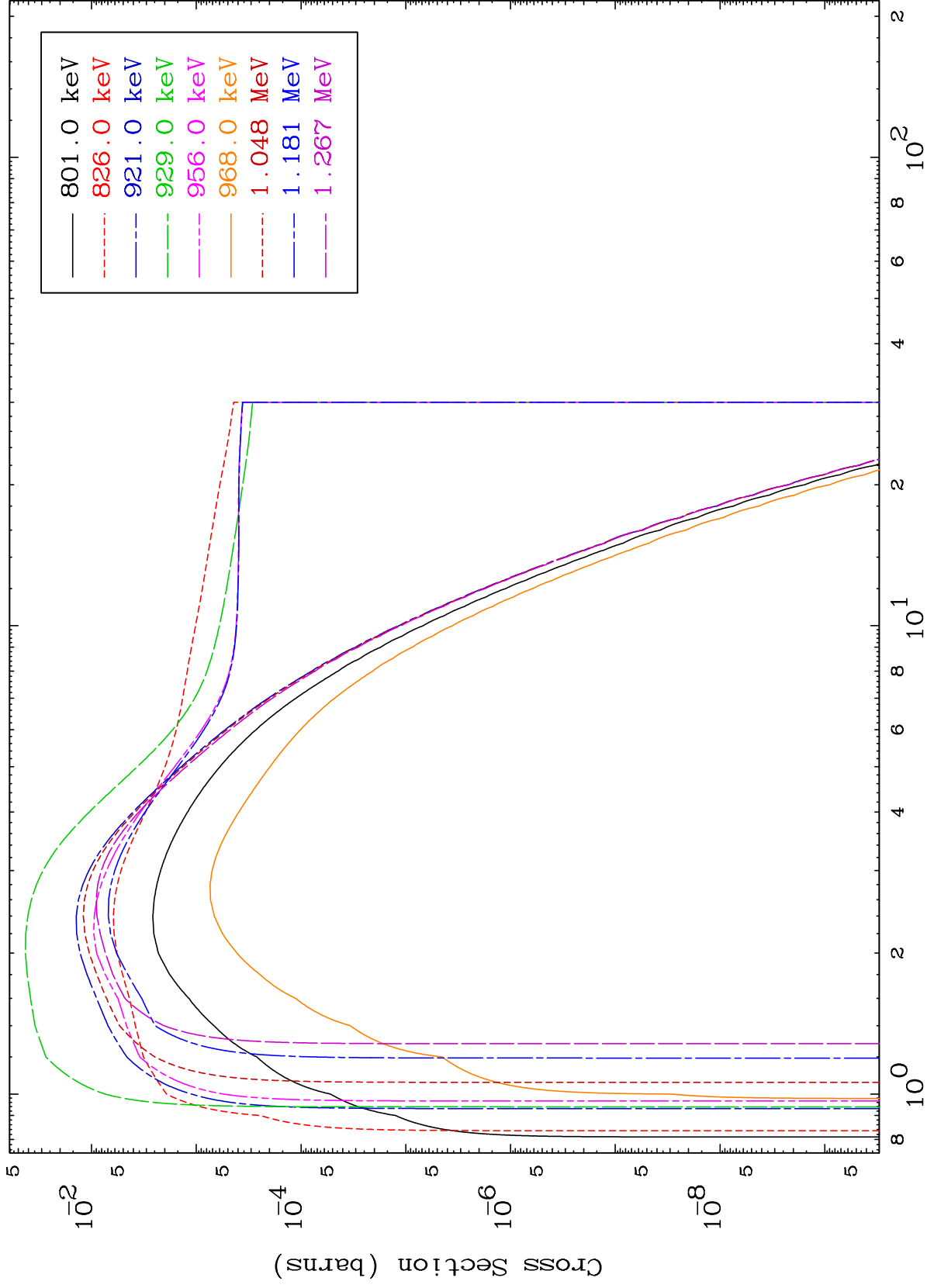
6

43-Tc-94

MAT 4310

(n,n') Level
293 Kelvin Cross Sections

43-Tc-94



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Incident Energy (MeV)

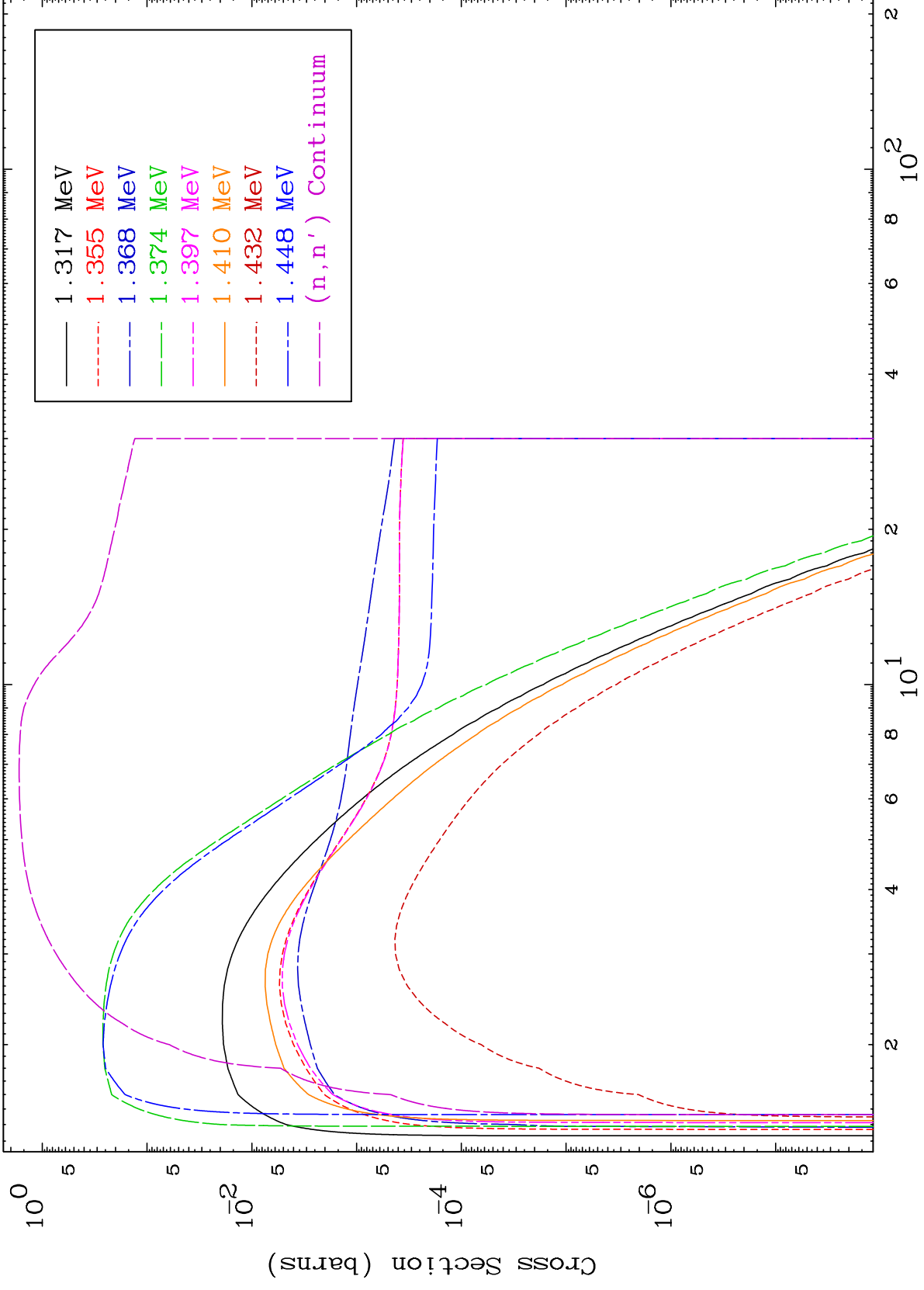
43-Tc-94

MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



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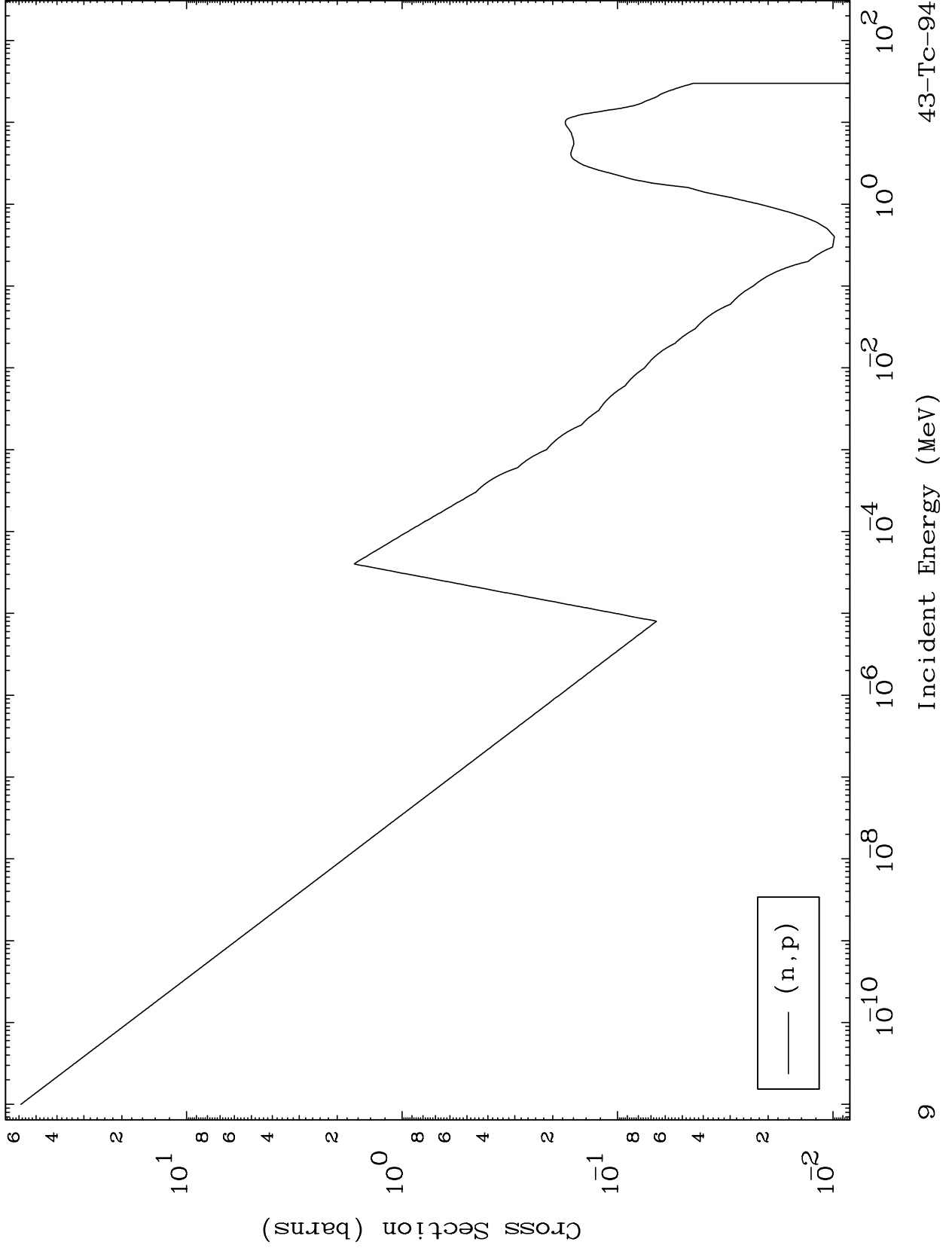
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,p) Levels
293 Kelvin Cross Sections

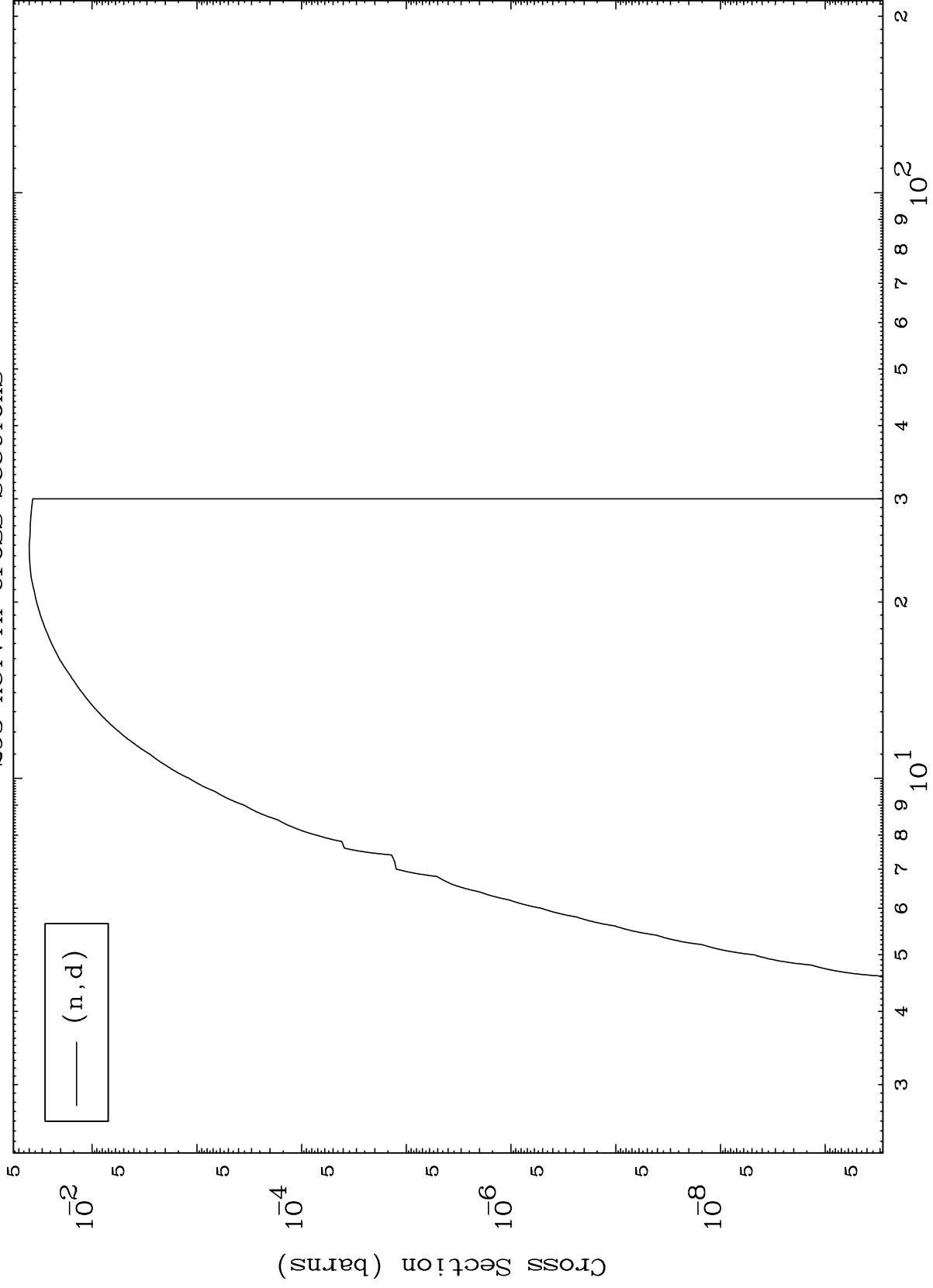
43-Tc-94



MAT 4310

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94



10

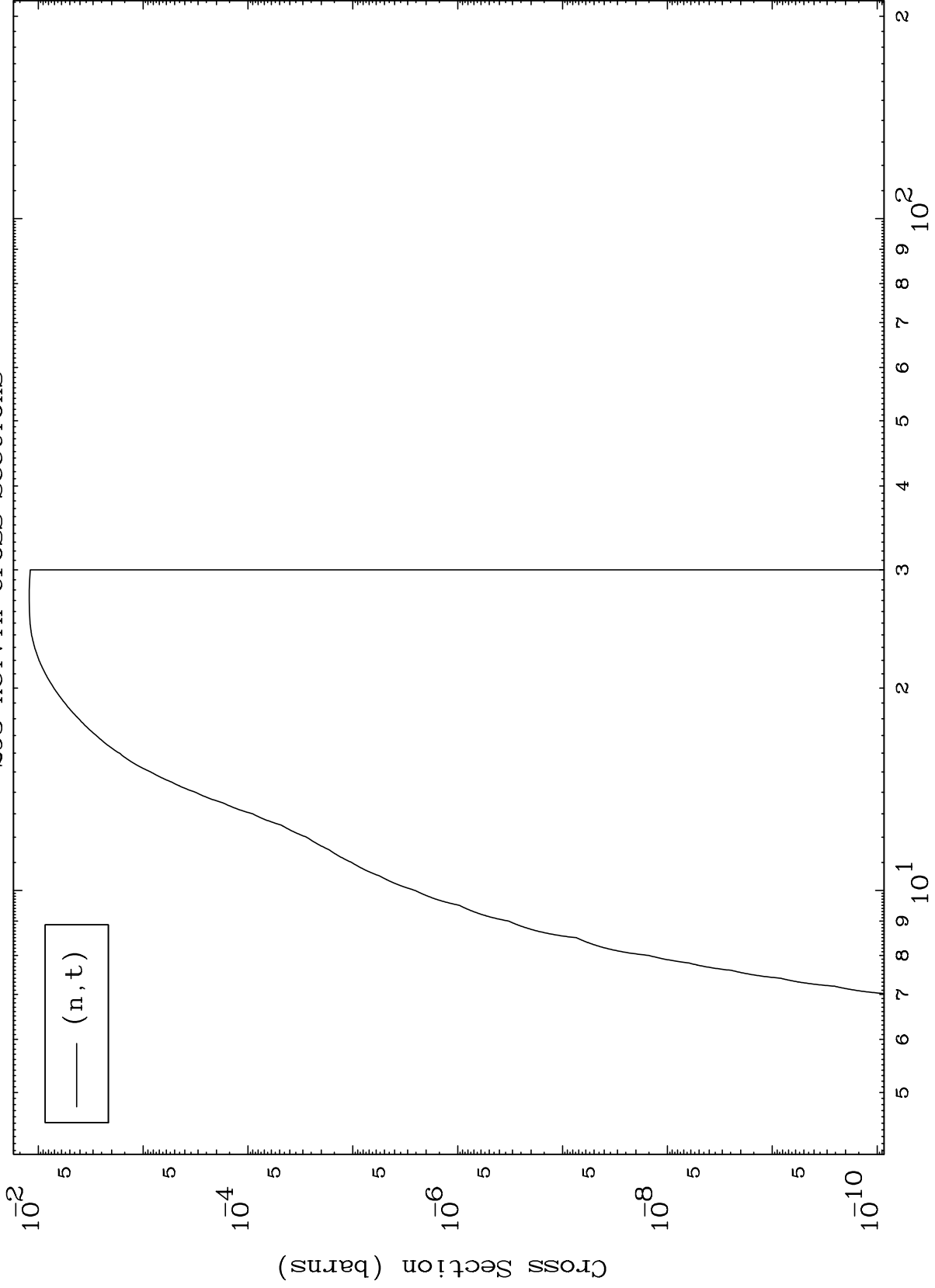
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,t) Levels
293 Kelvin Cross Sections

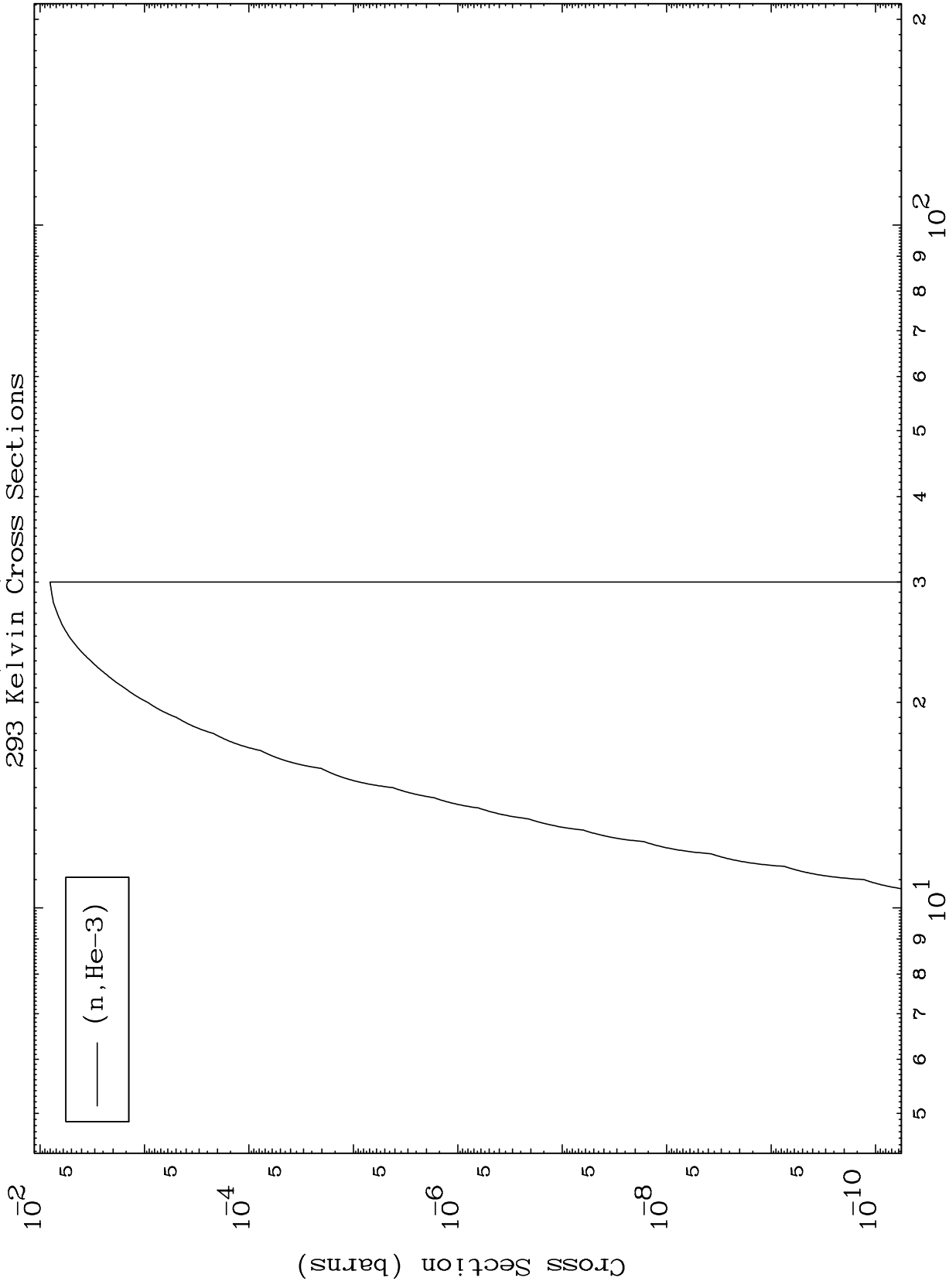
43-Tc-94



MAT 4310

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94



12

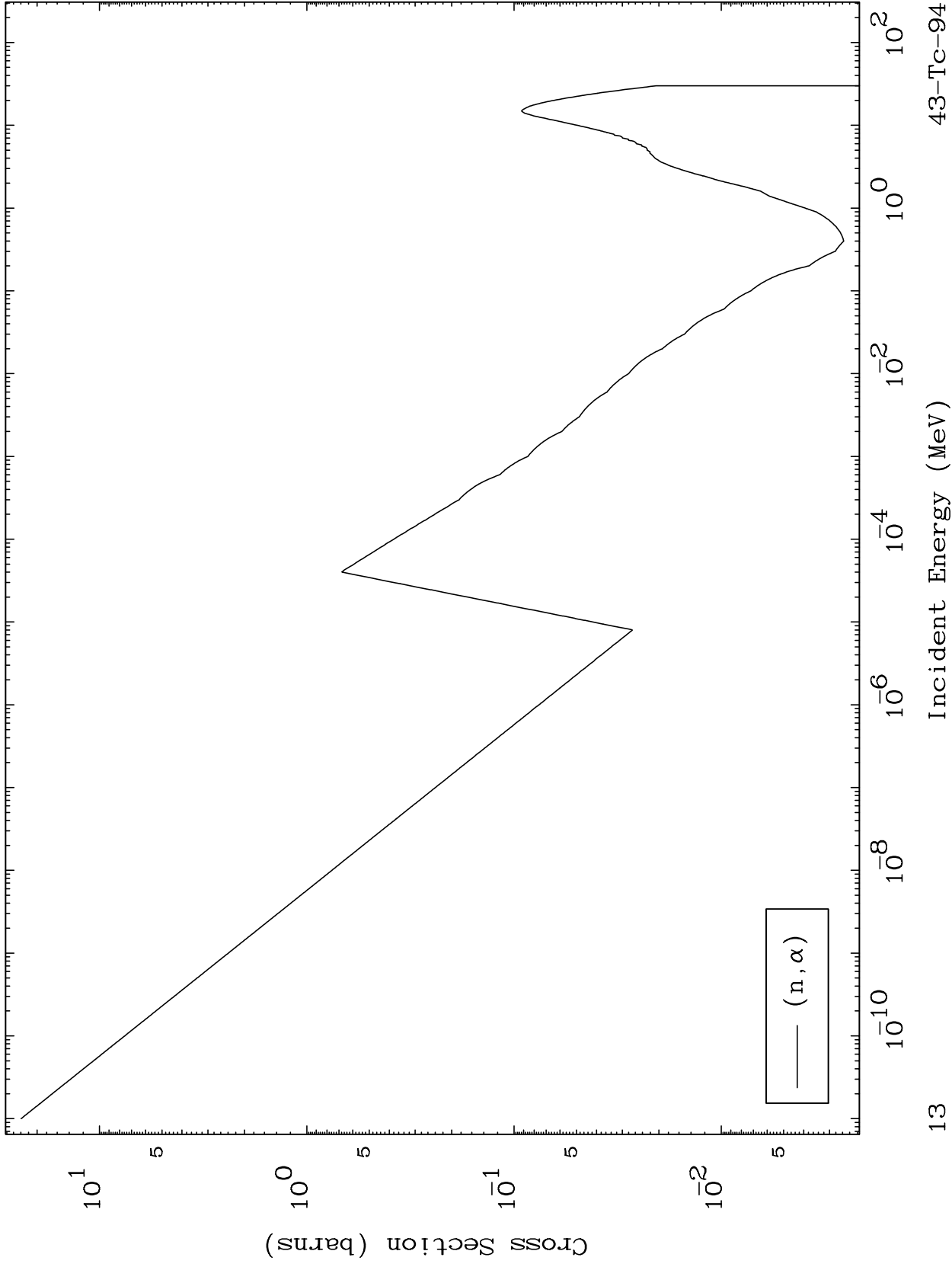
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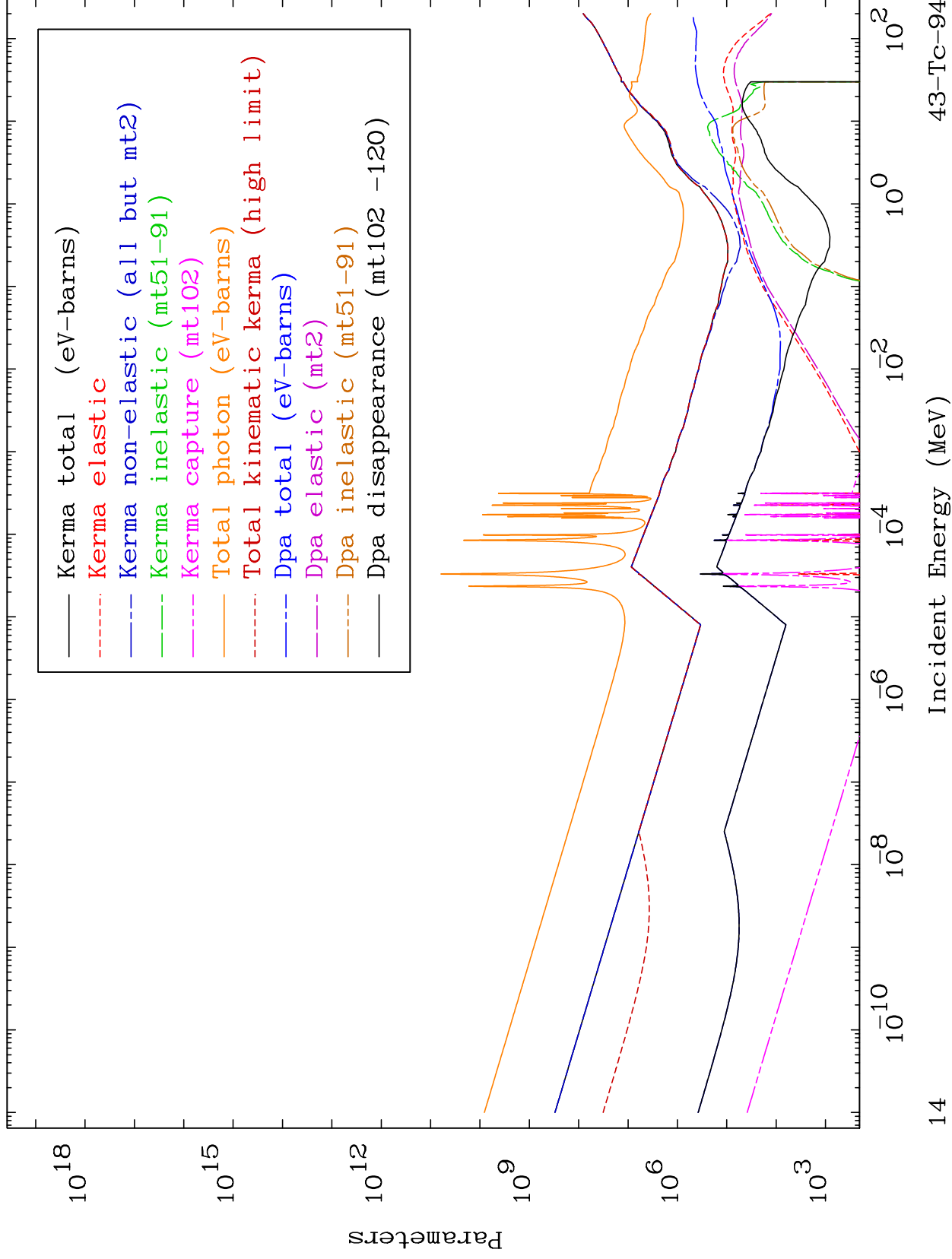
43-Tc-94

MAT 4310

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-94

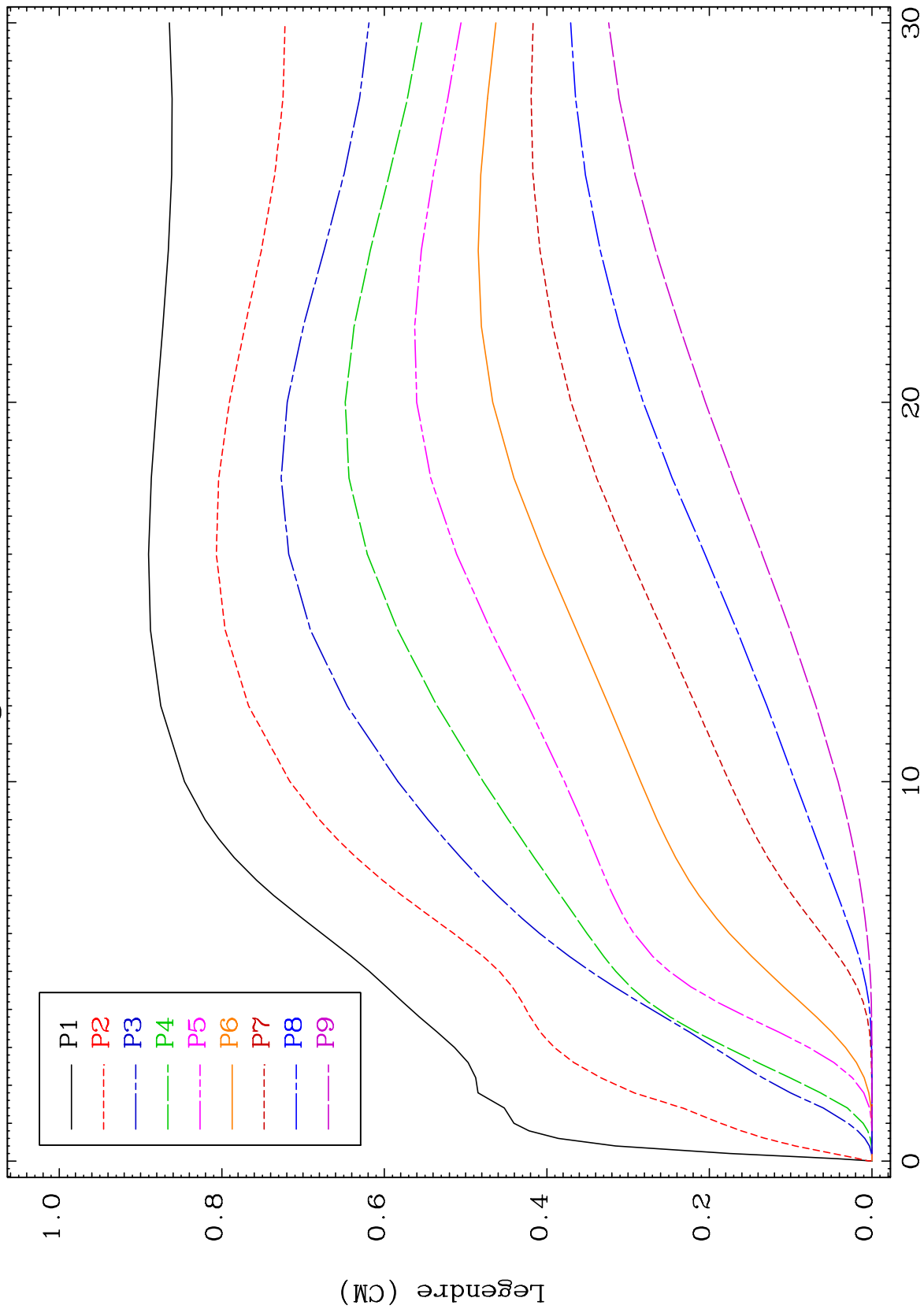




MAT 4310

Elastic Legendre Coefficients

43-Tc-94

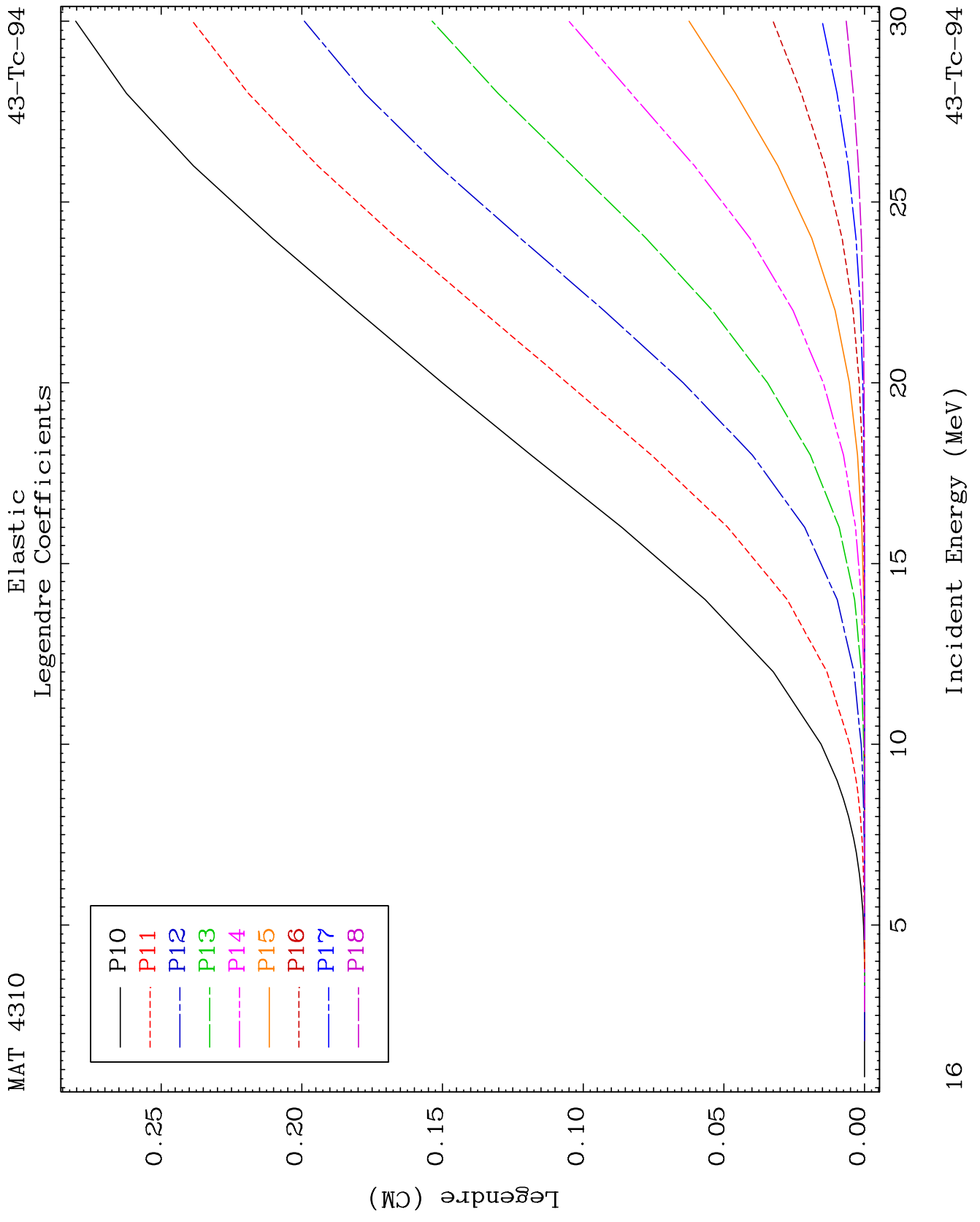


15

Incident Energy (MeV)

43-Tc-94

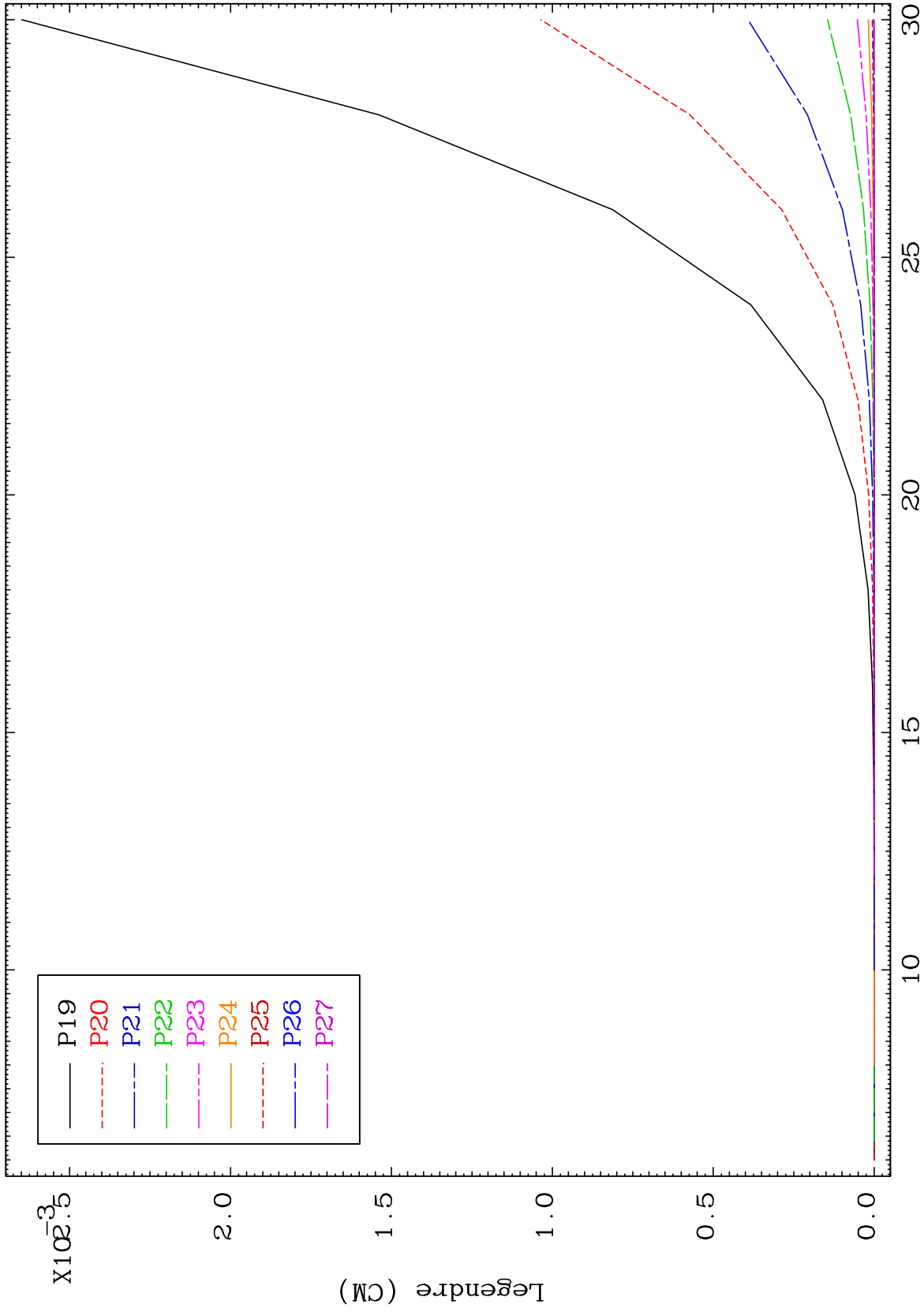
30



MAT 4310

Elastic
Legendre Coefficients

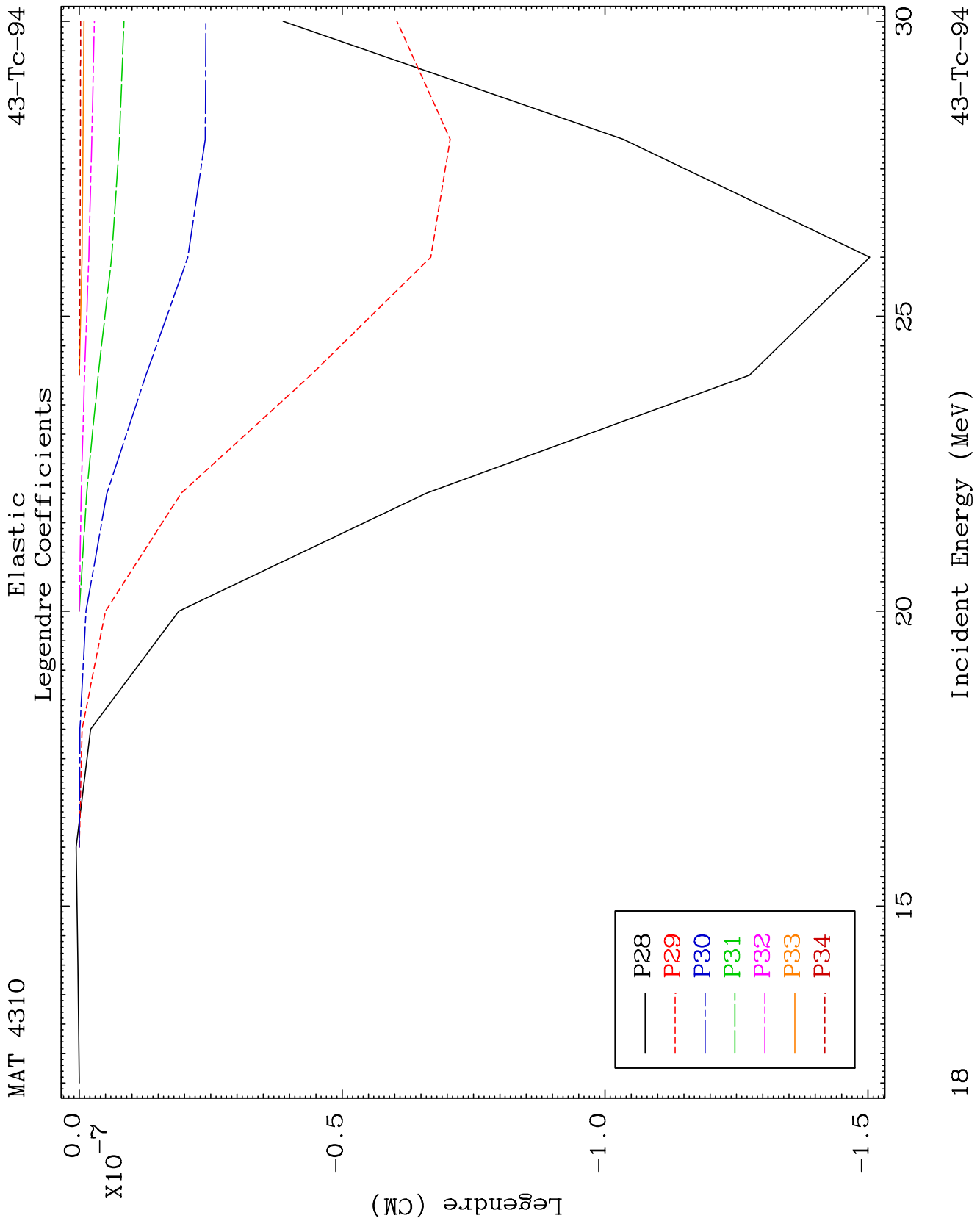
43-Tc-94



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Incident Energy (MeV)

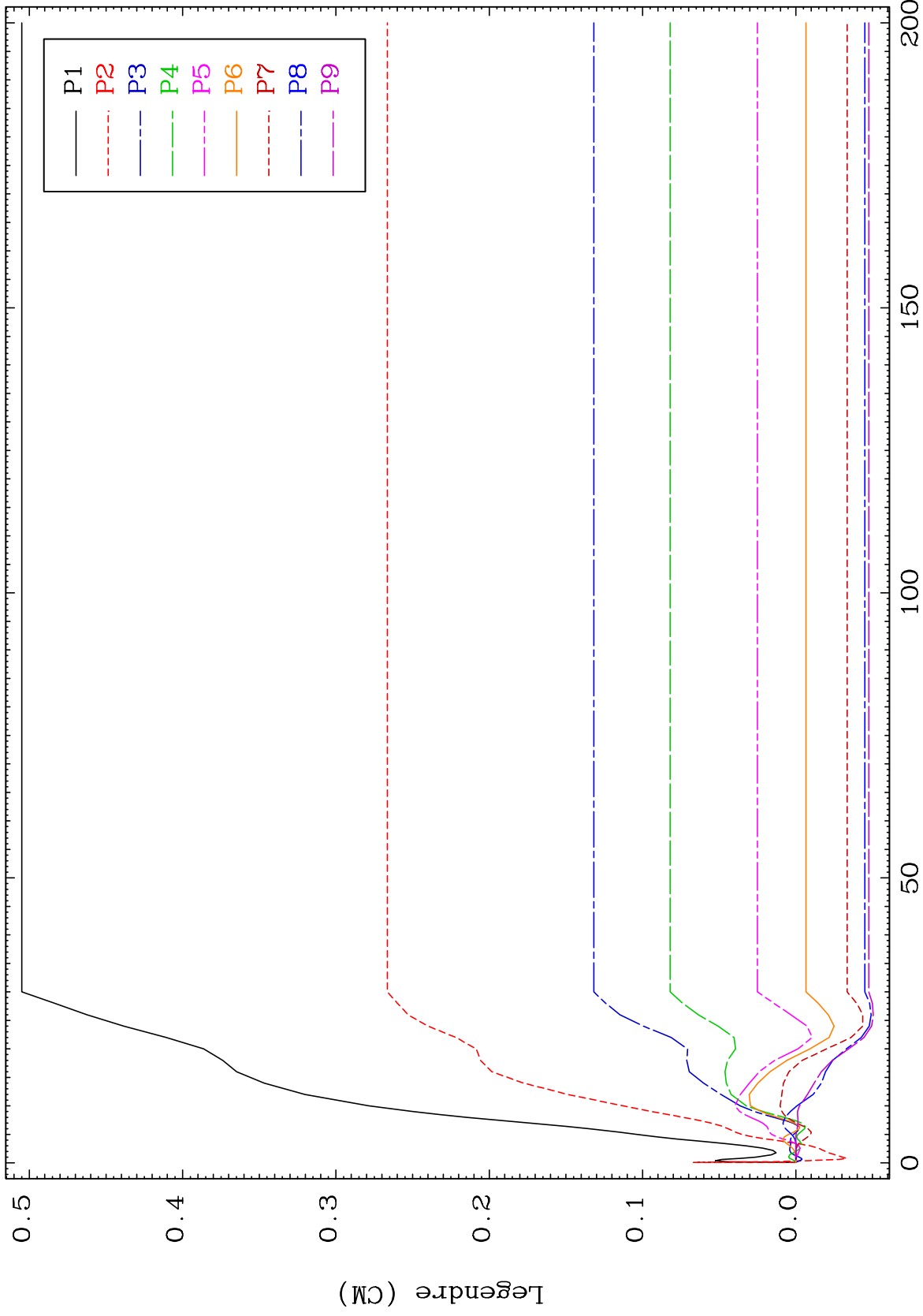
43-Tc-94



MAT 4310

76.00 keV (n,n') Level
Legendre Coefficients

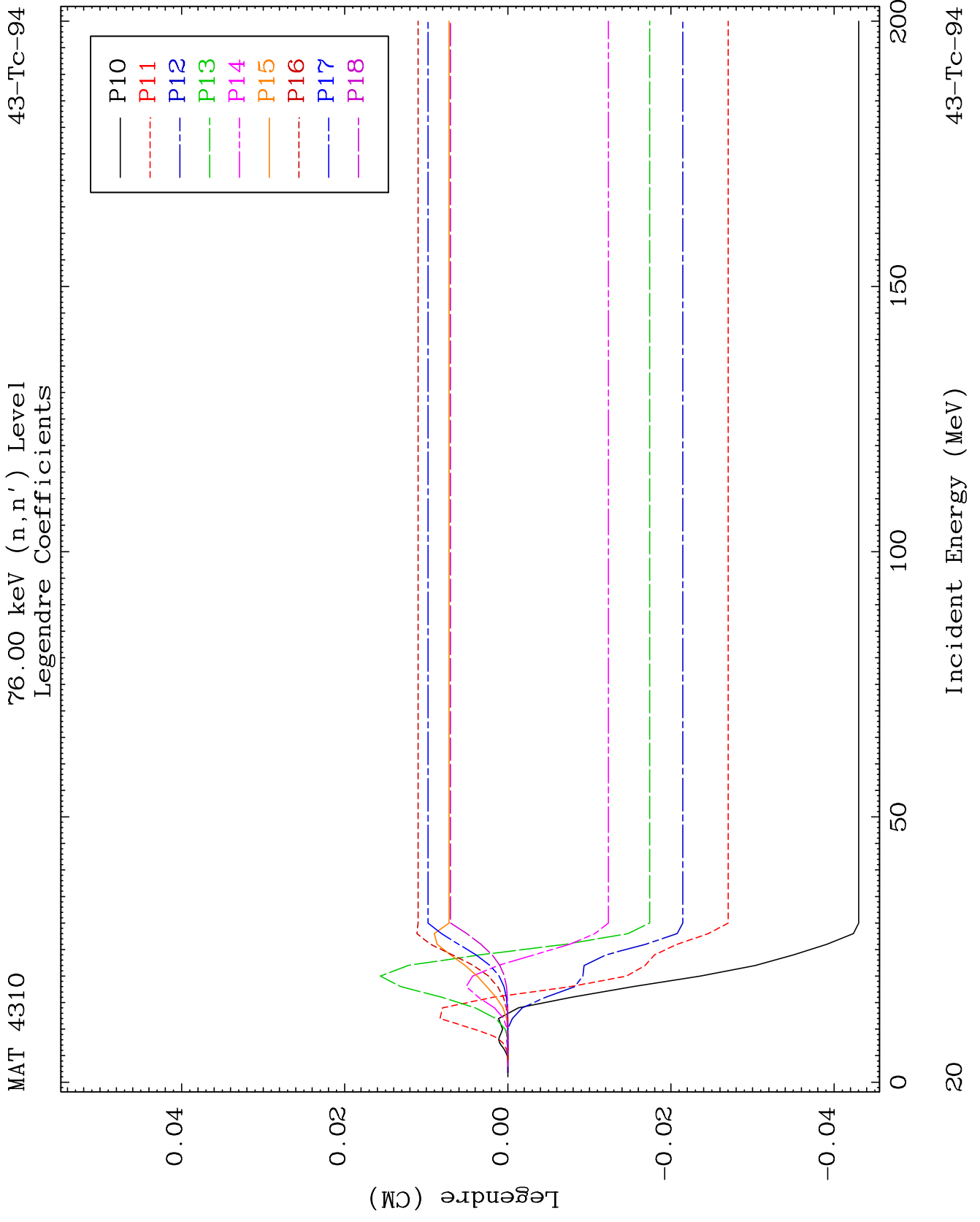
43-Tc-94

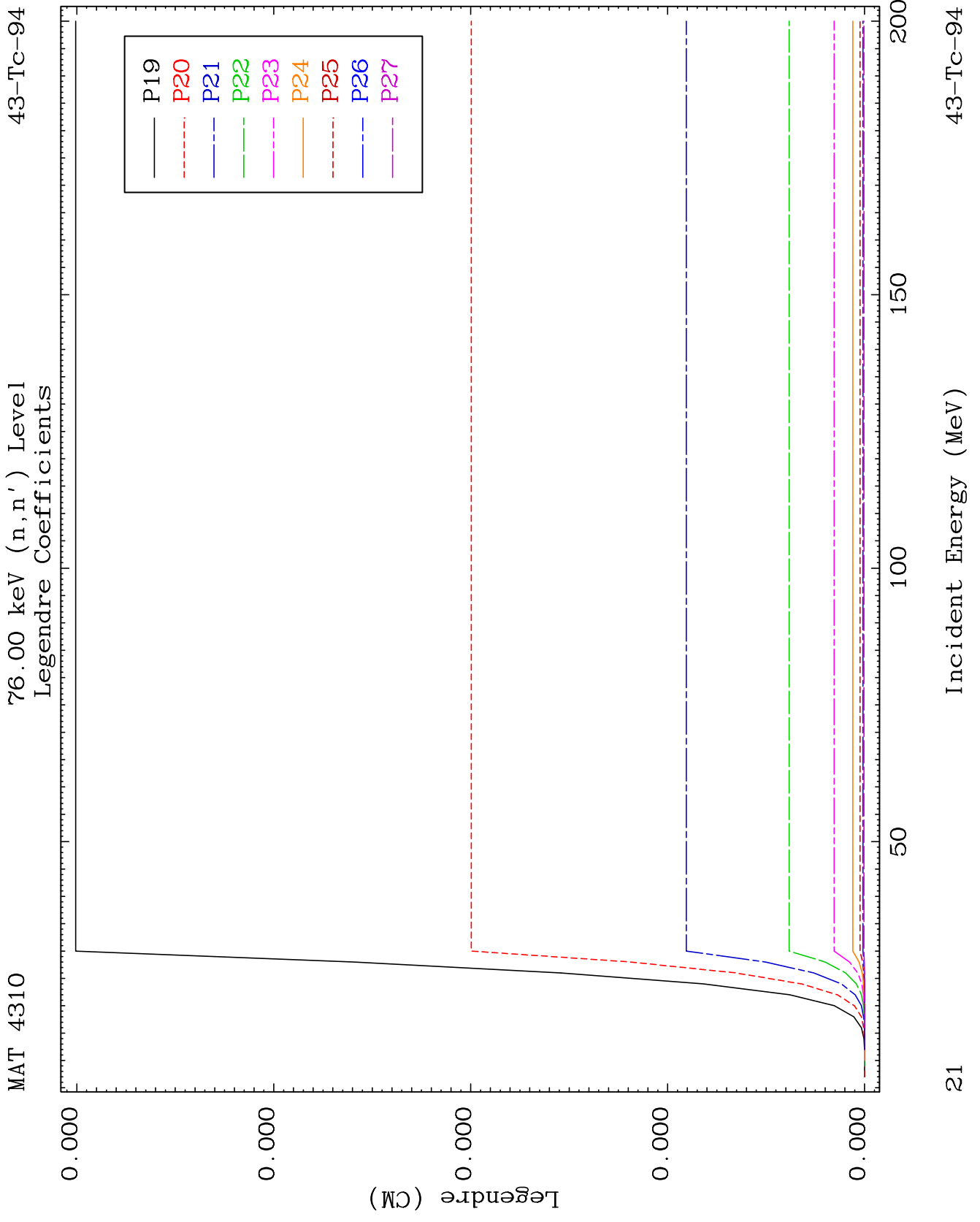


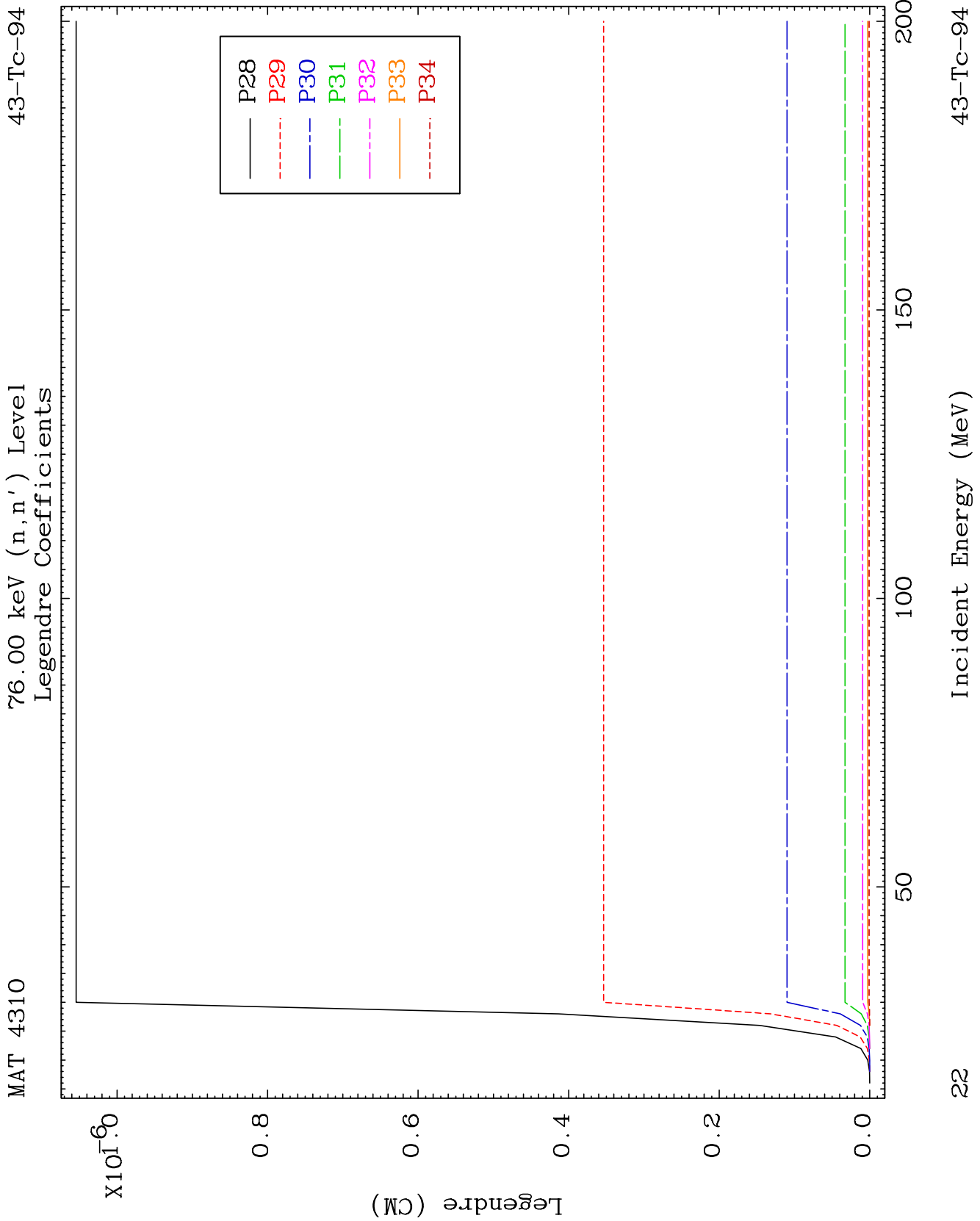
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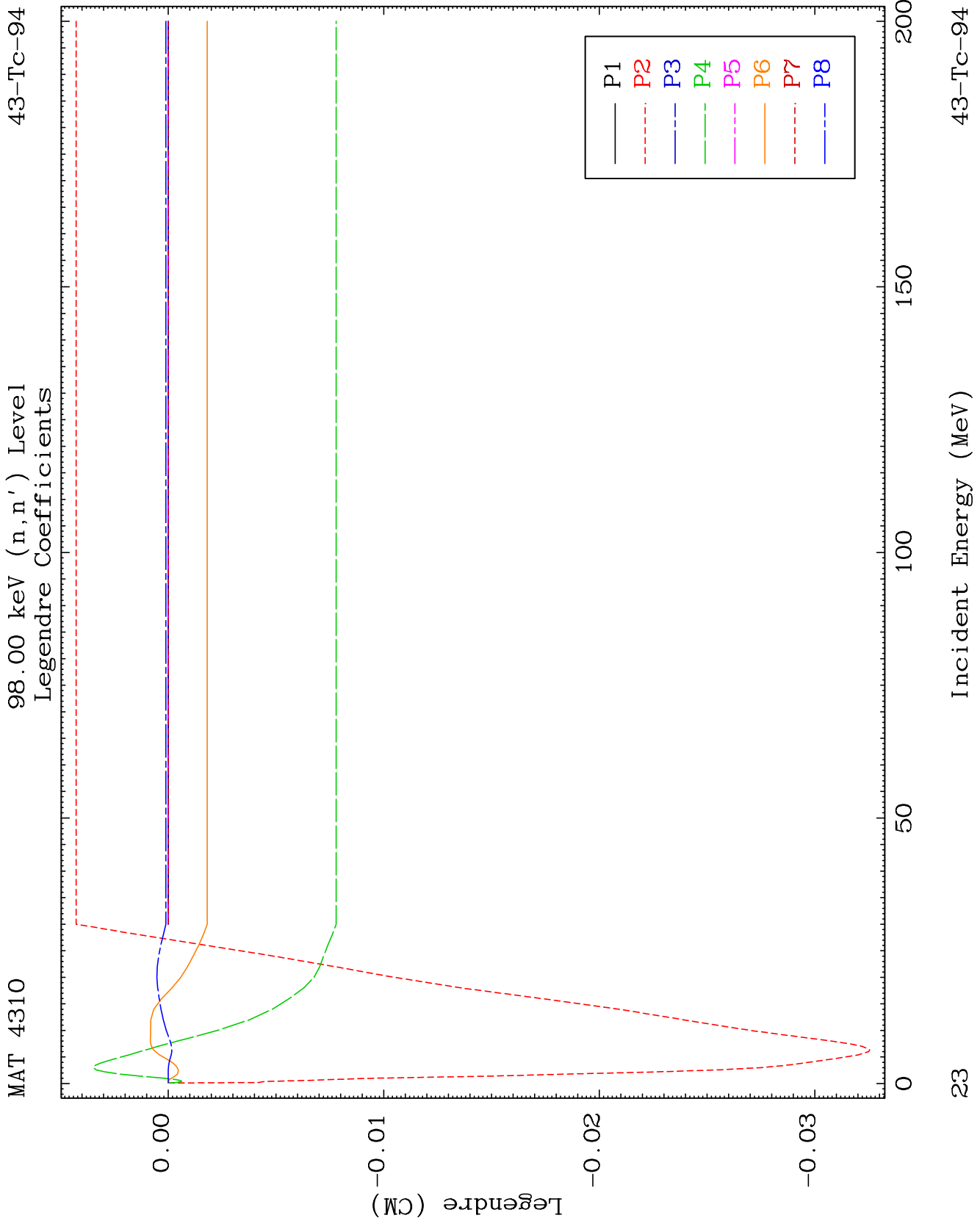
Incident Energy (MeV)

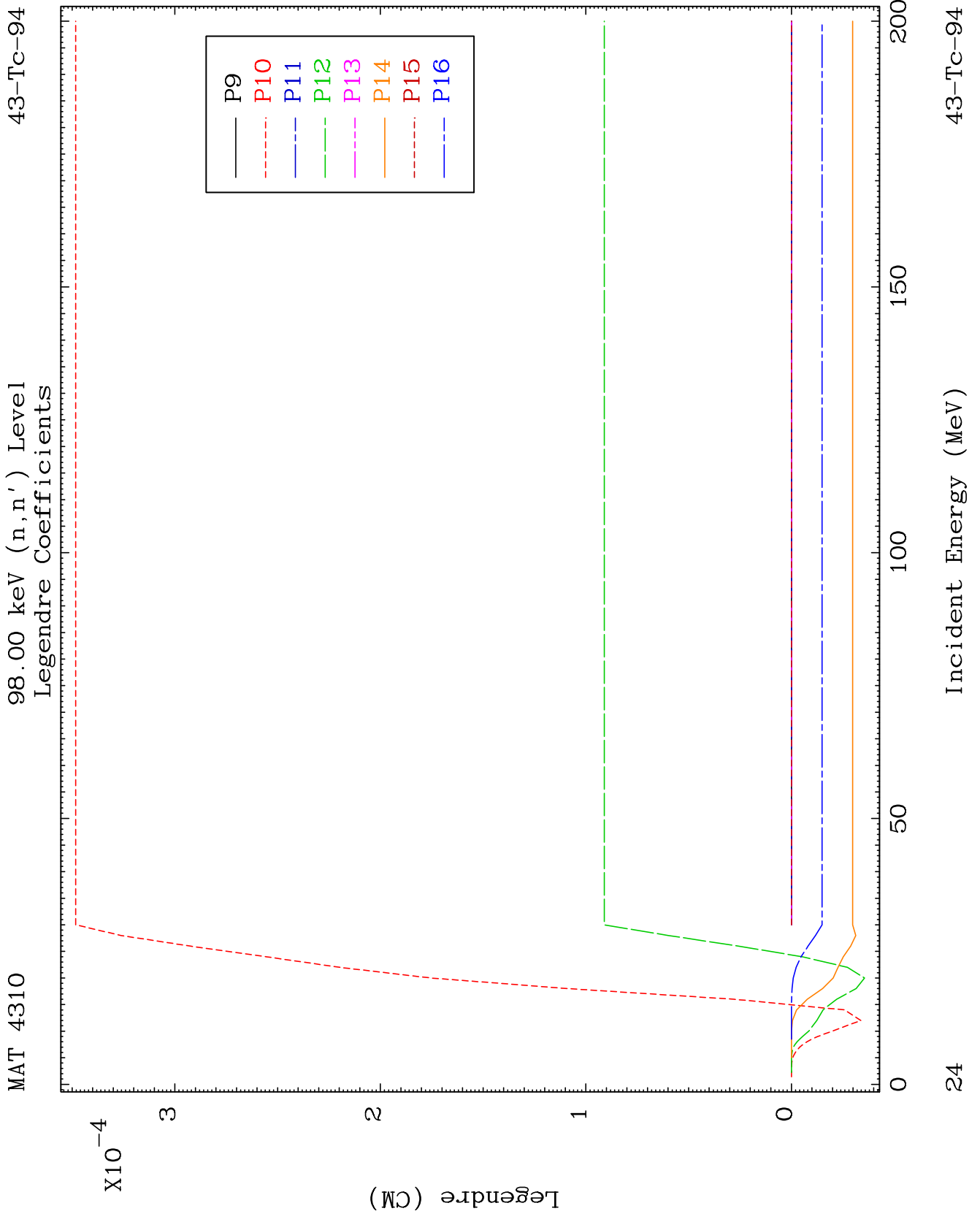
43-Tc-94

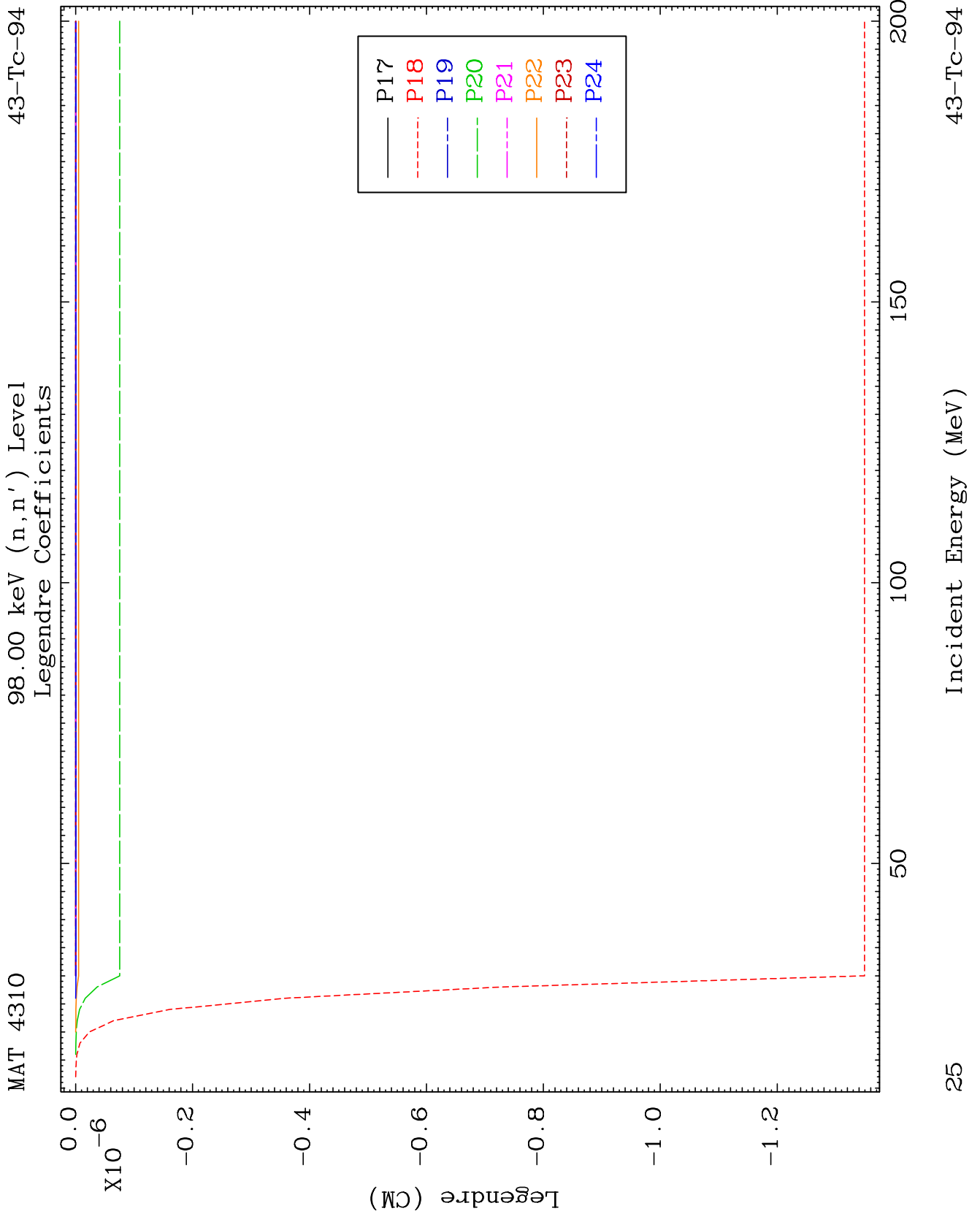








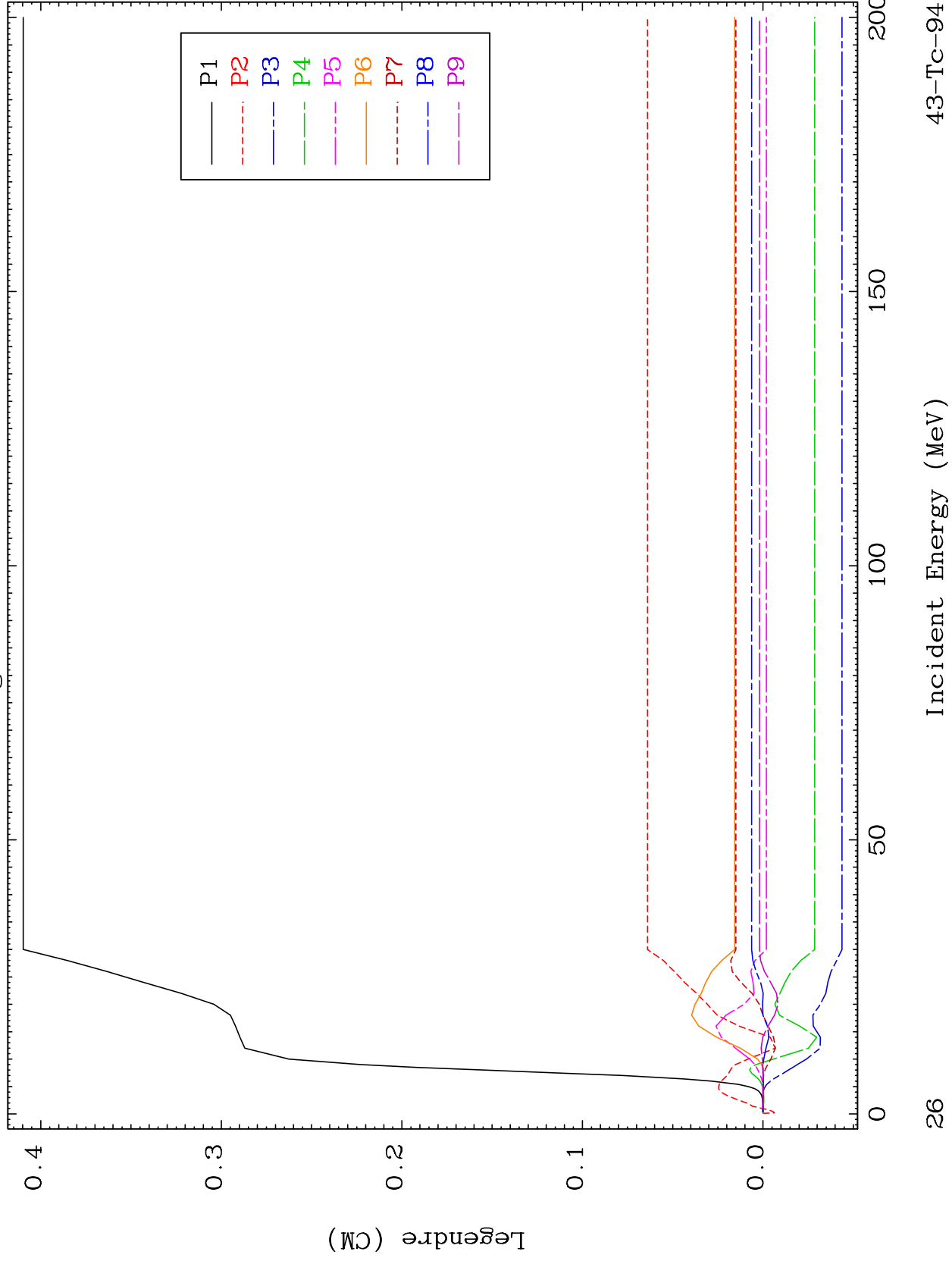




MAT 4310

103.4 keV (n,n') Level
Legendre Coefficients

43-Tc-94

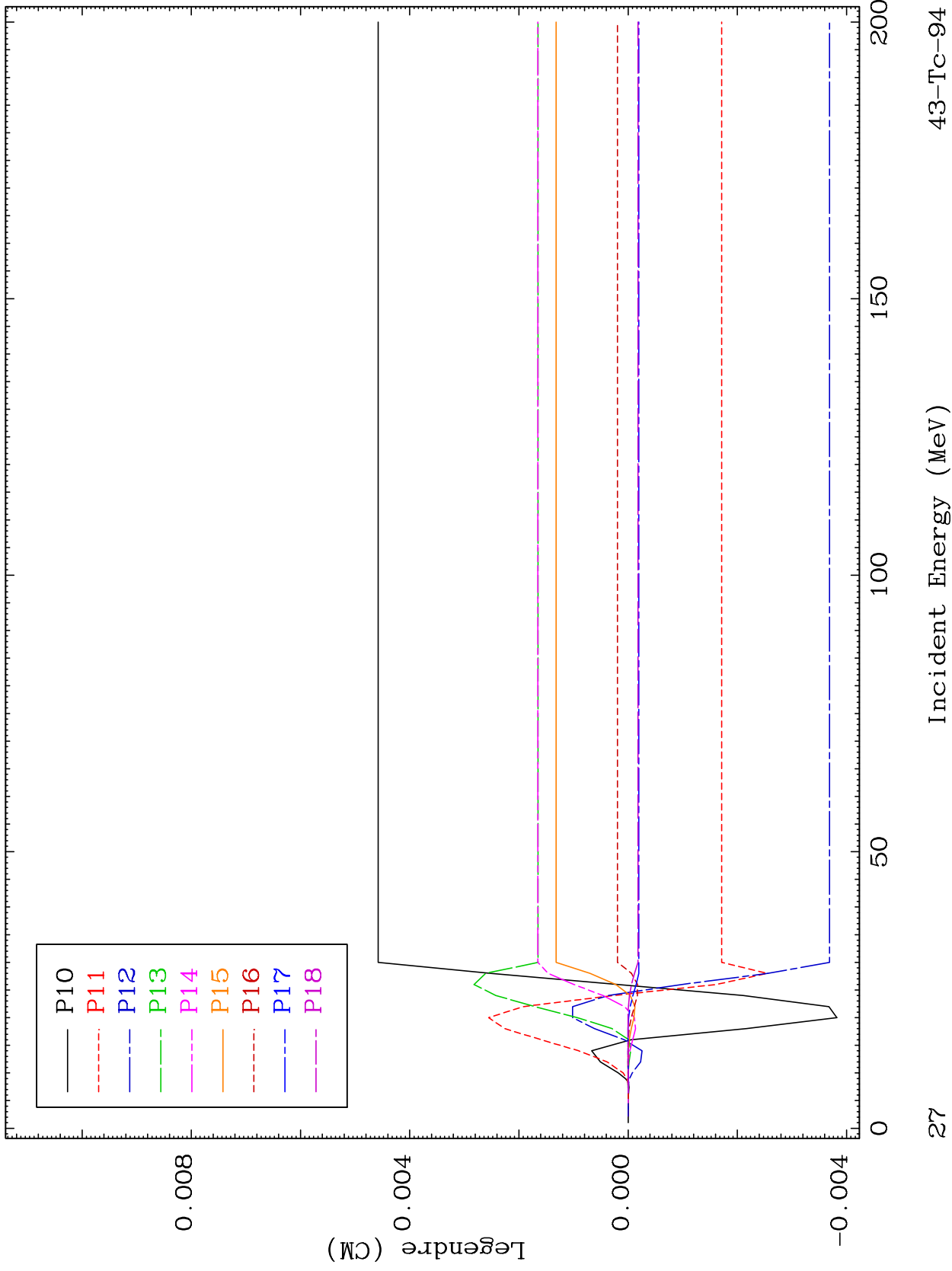


26

MAT 4310

103.4 keV (n,n') Level
Legendre Coefficients

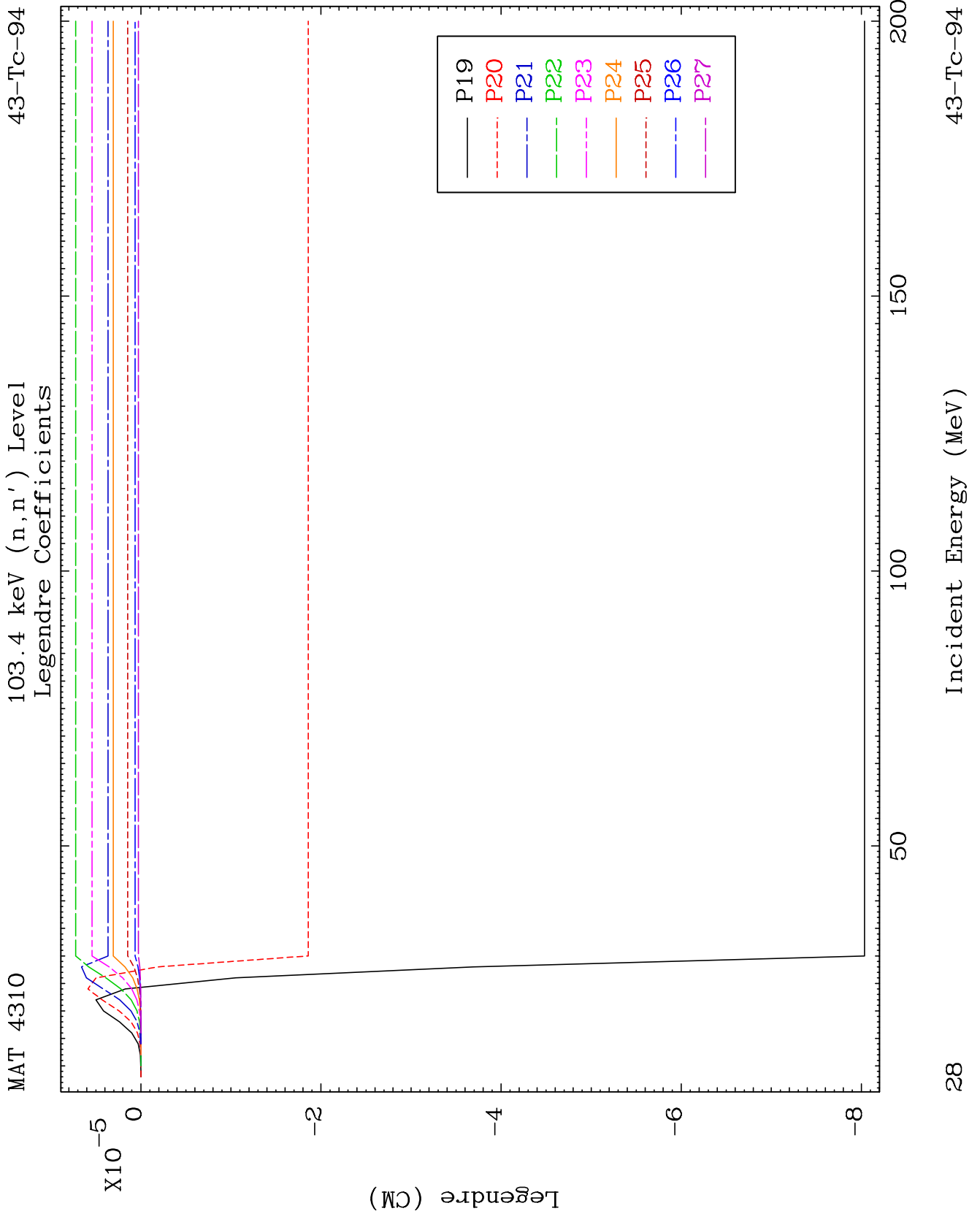
43-Tc-94

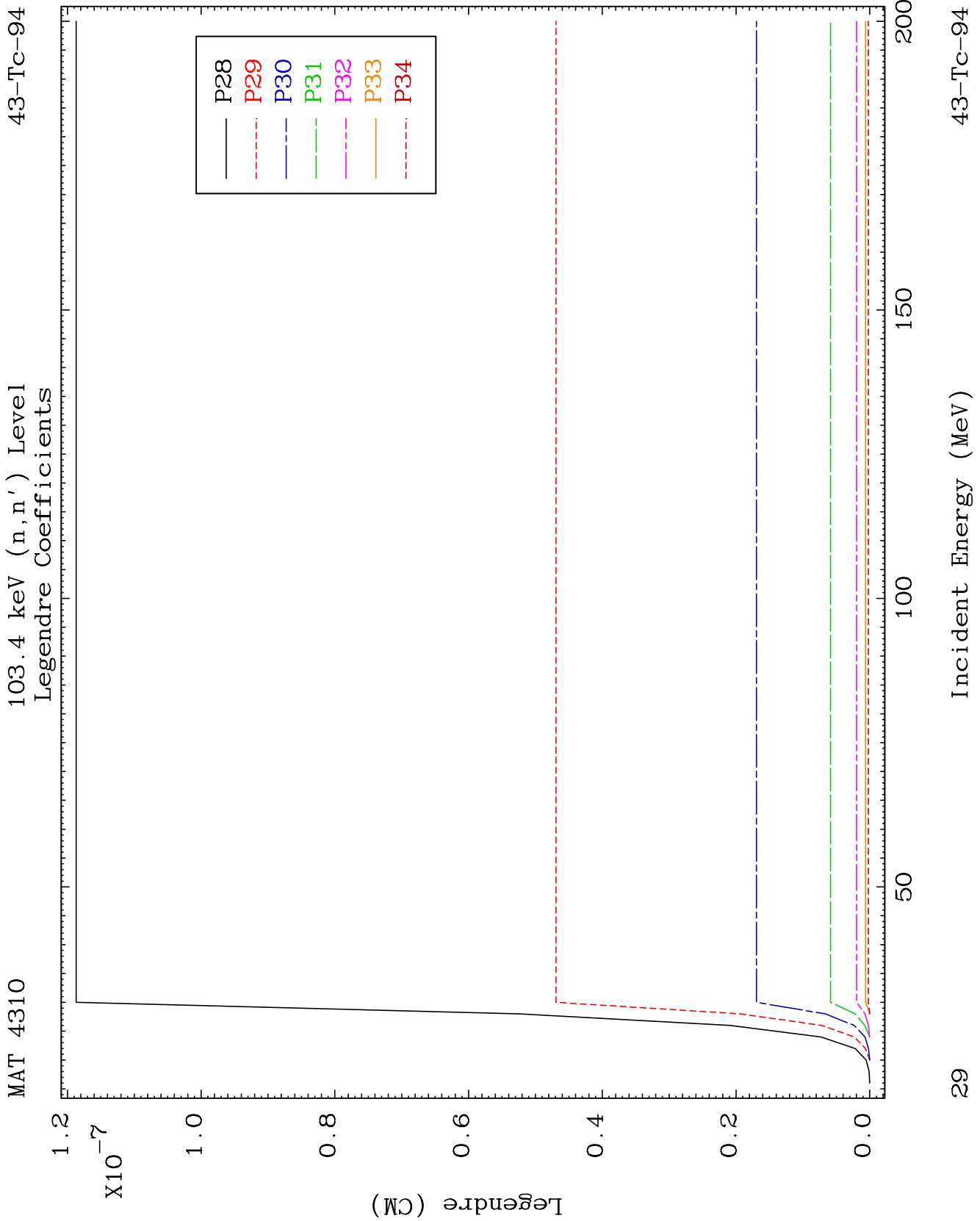


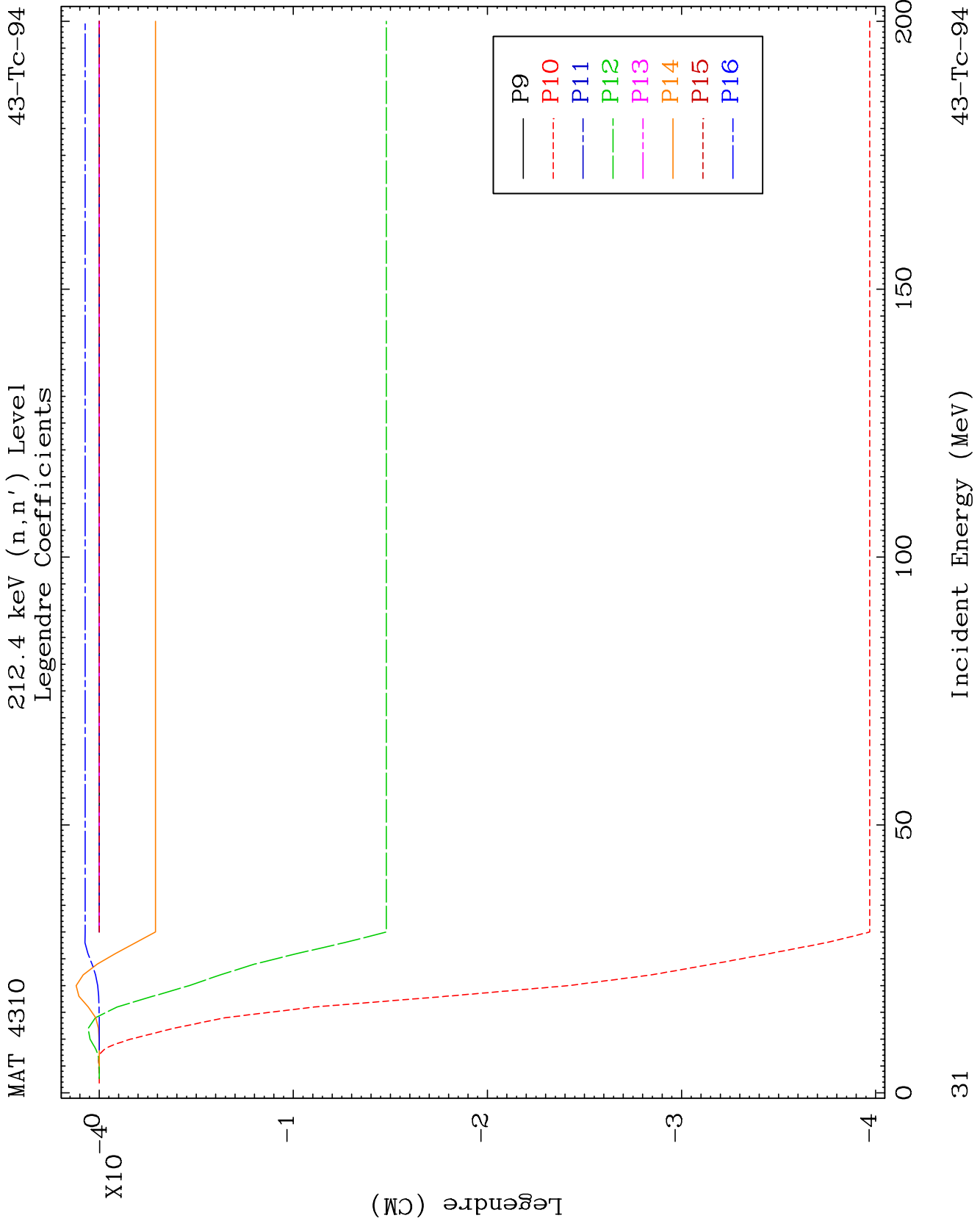
27

Incident Energy (MeV)

43-Tc-94



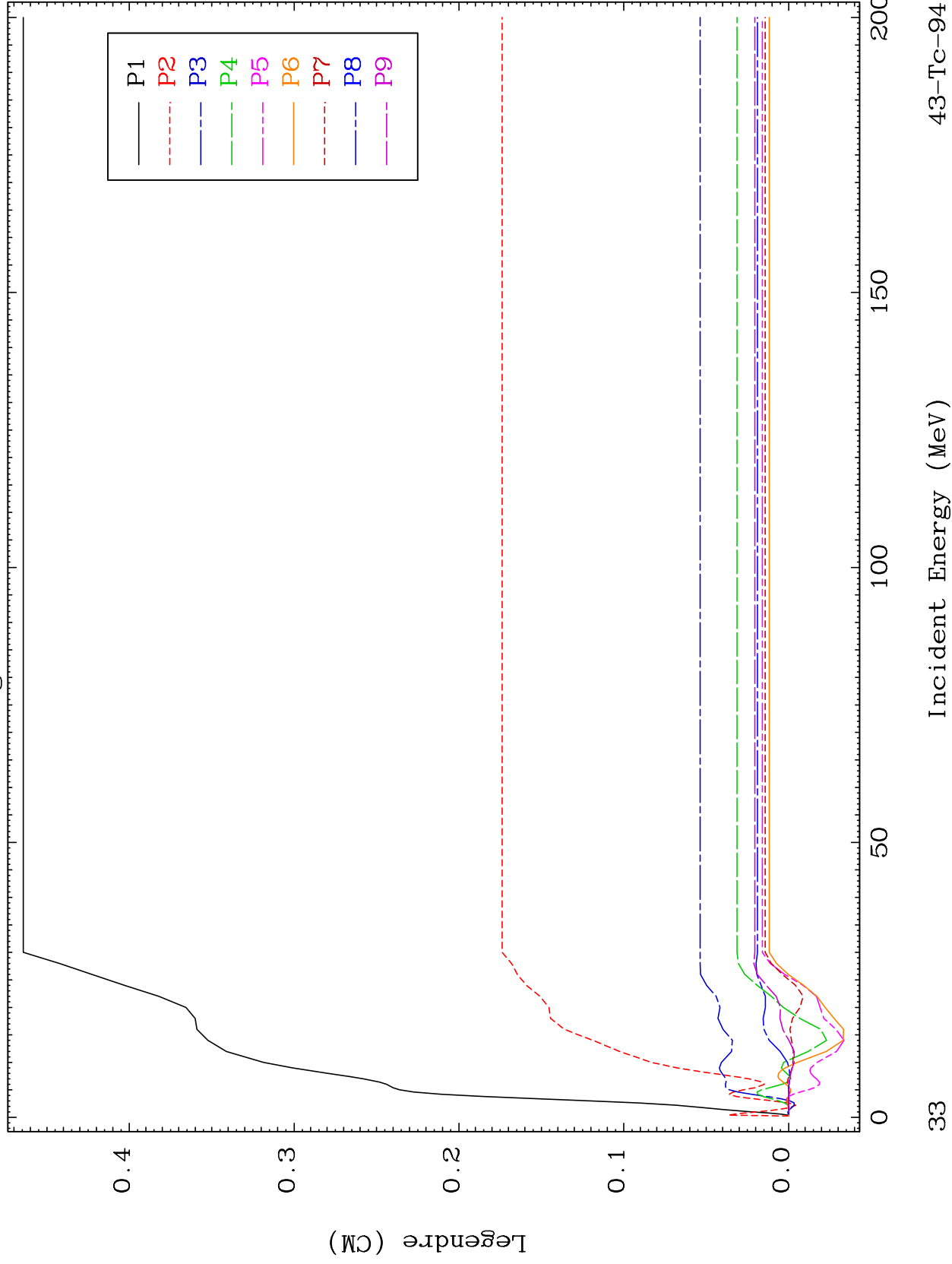




MAT 4310

244.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



33

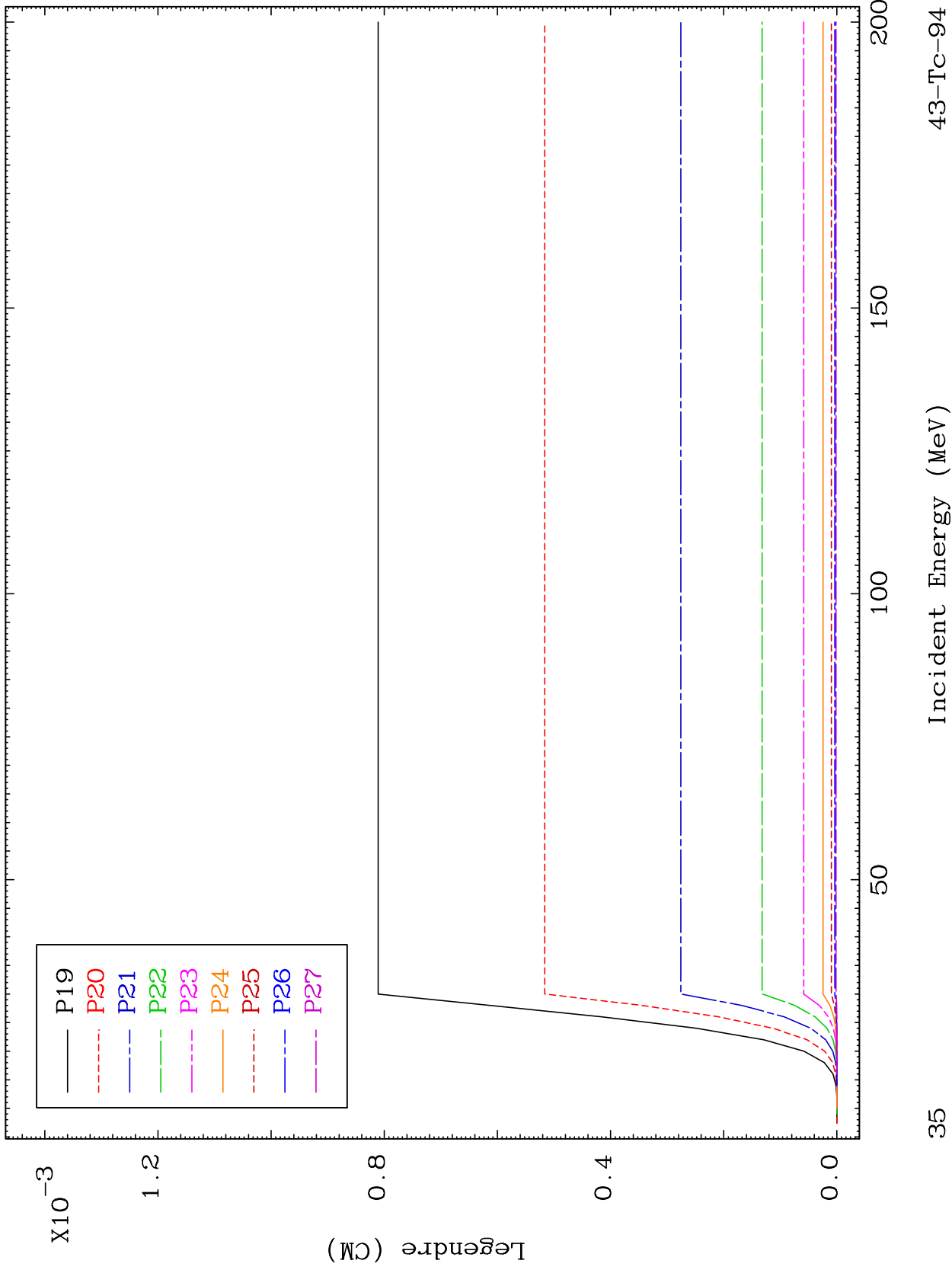
Incident Energy (MeV)

43-Tc-94

MAT 4310

244.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



35

Incident Energy (MeV)

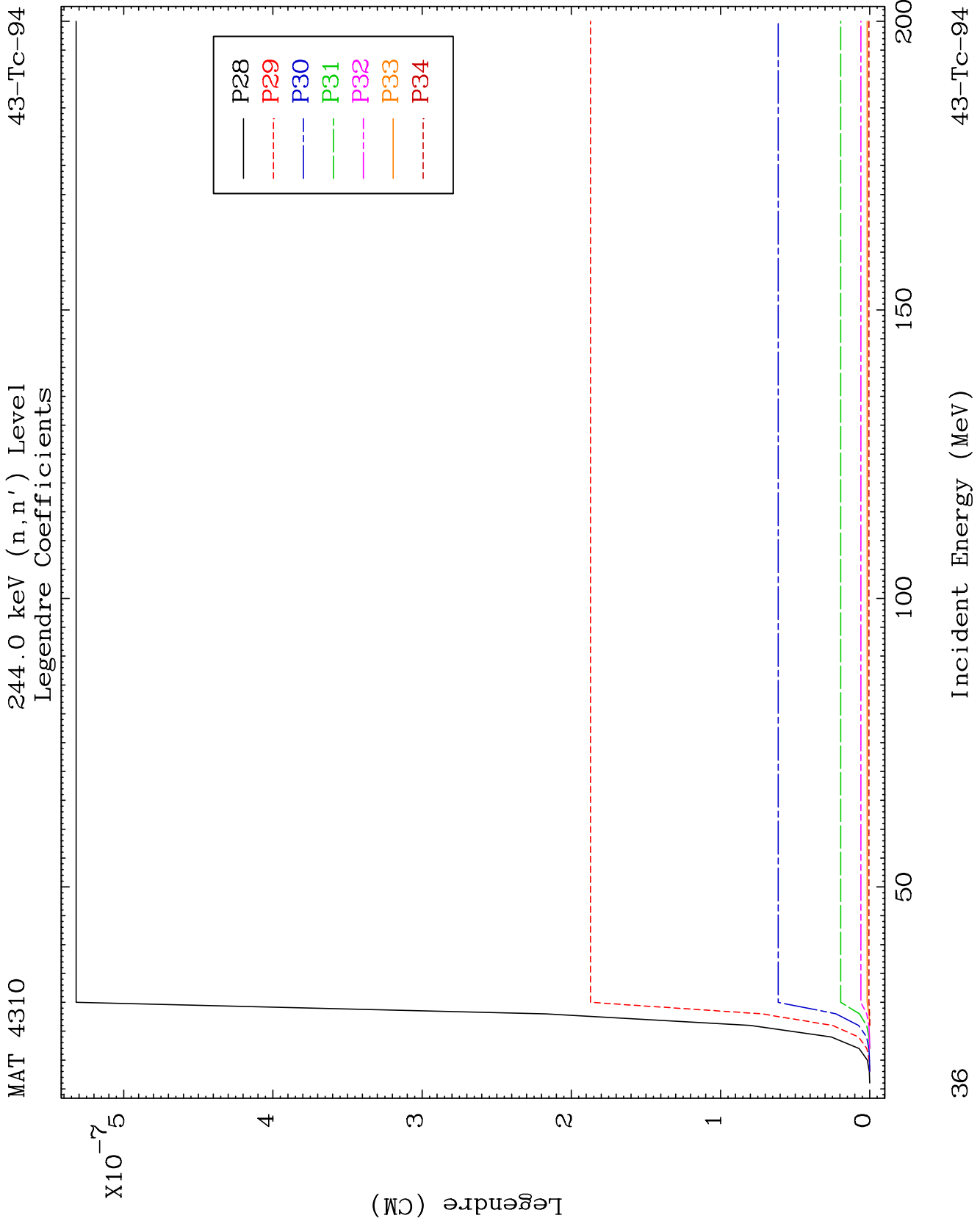
50

100

150

200

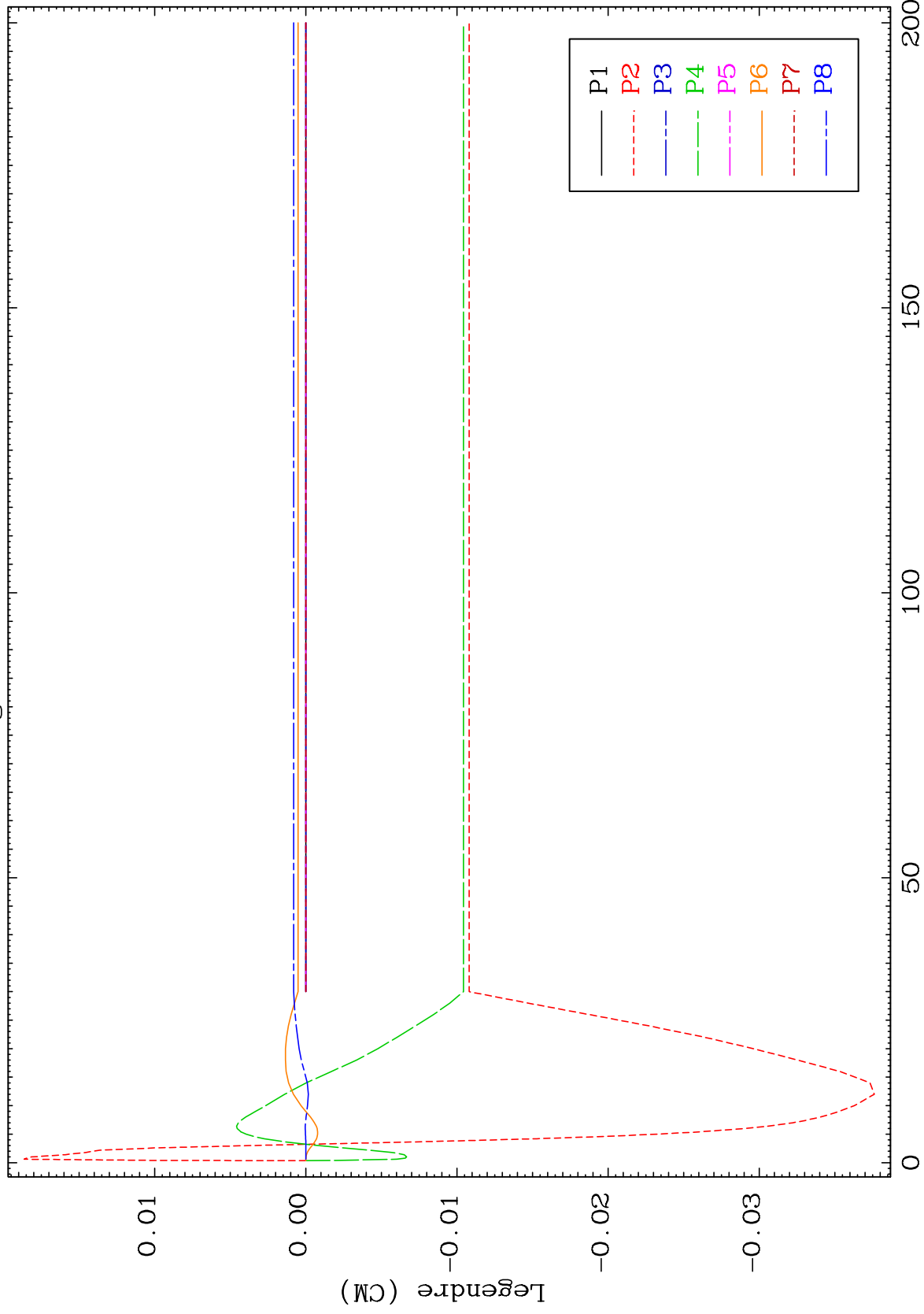
43-Tc-94



MAT 4310

336.0 keV (n,n') Level
Legendre Coefficients

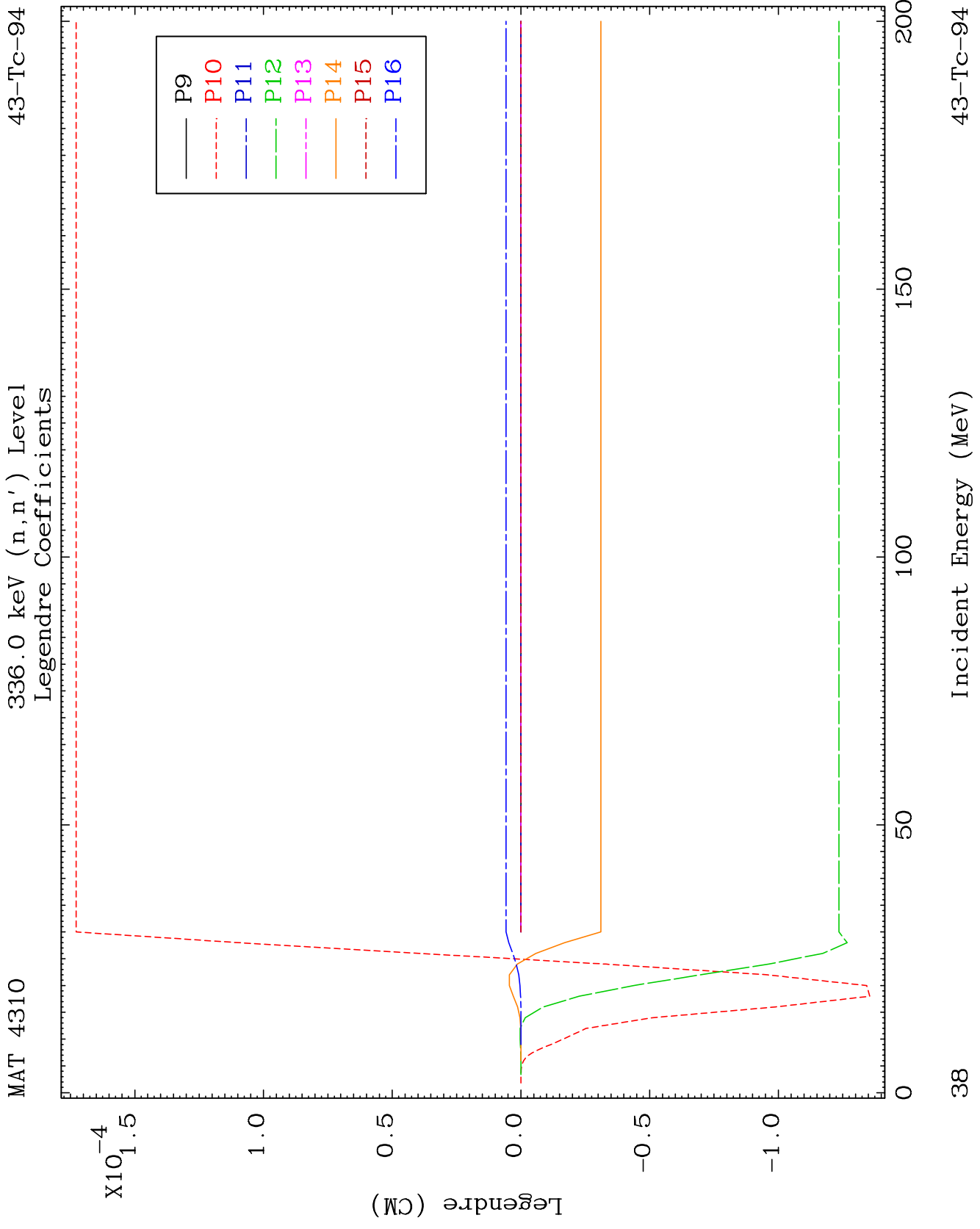
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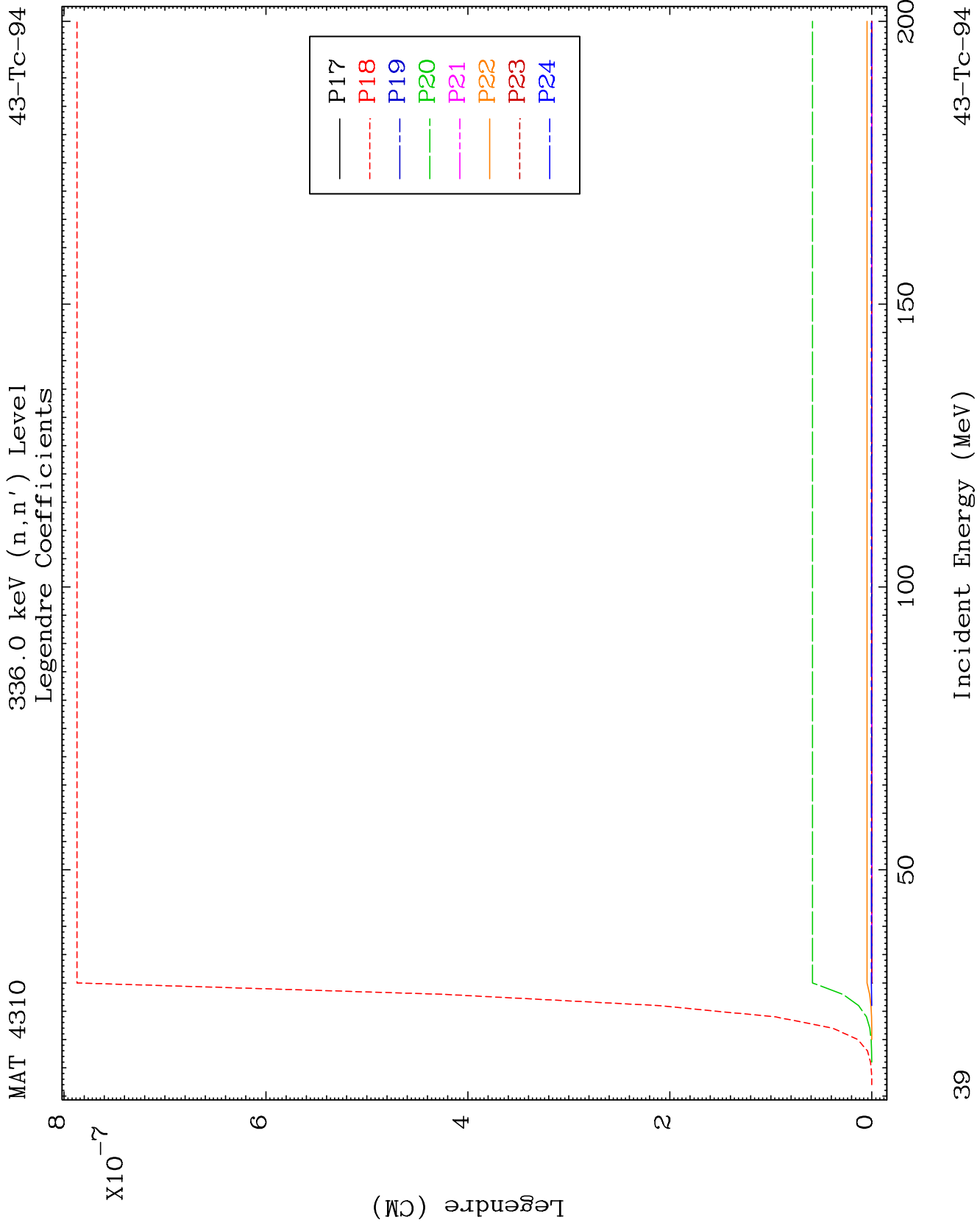


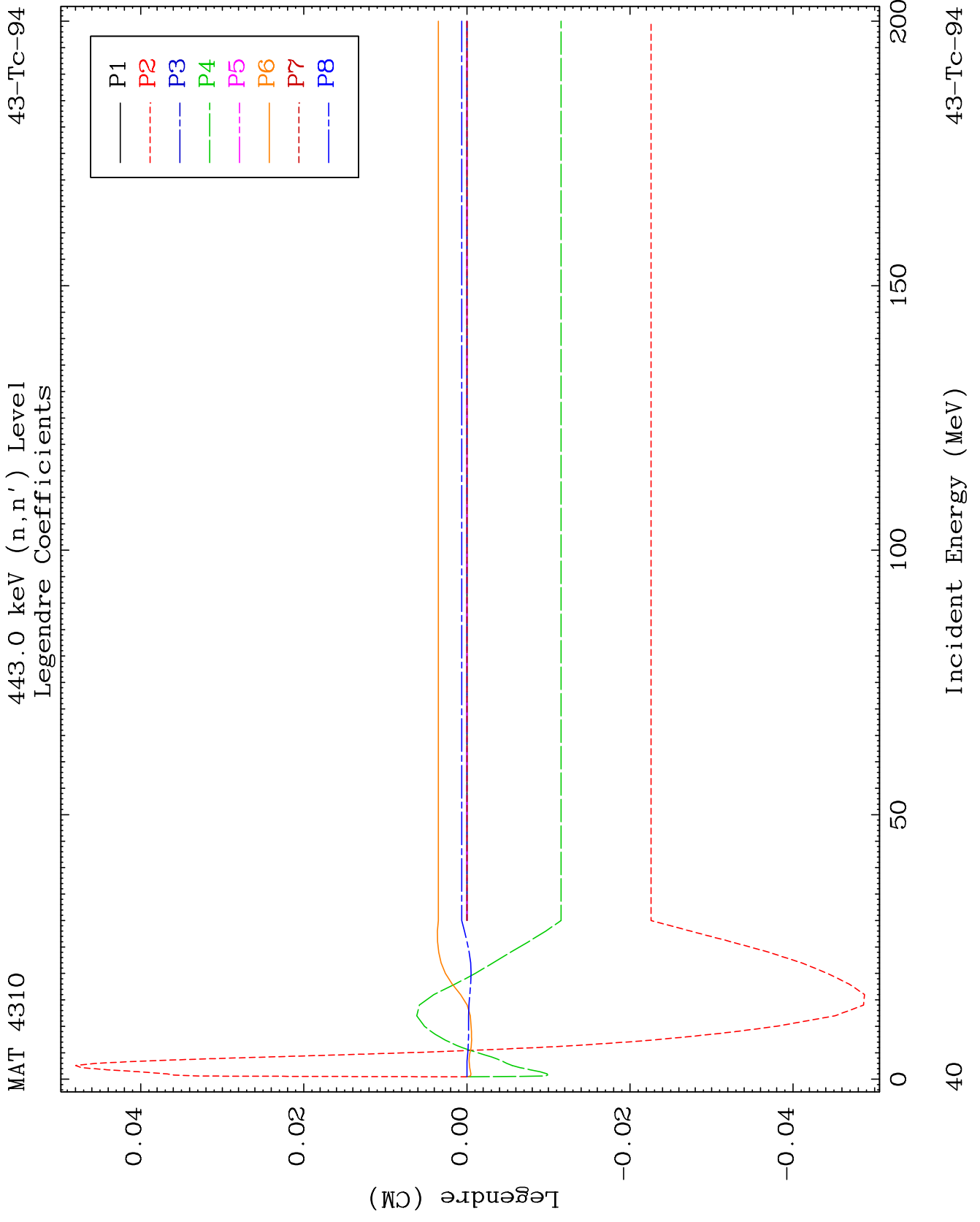
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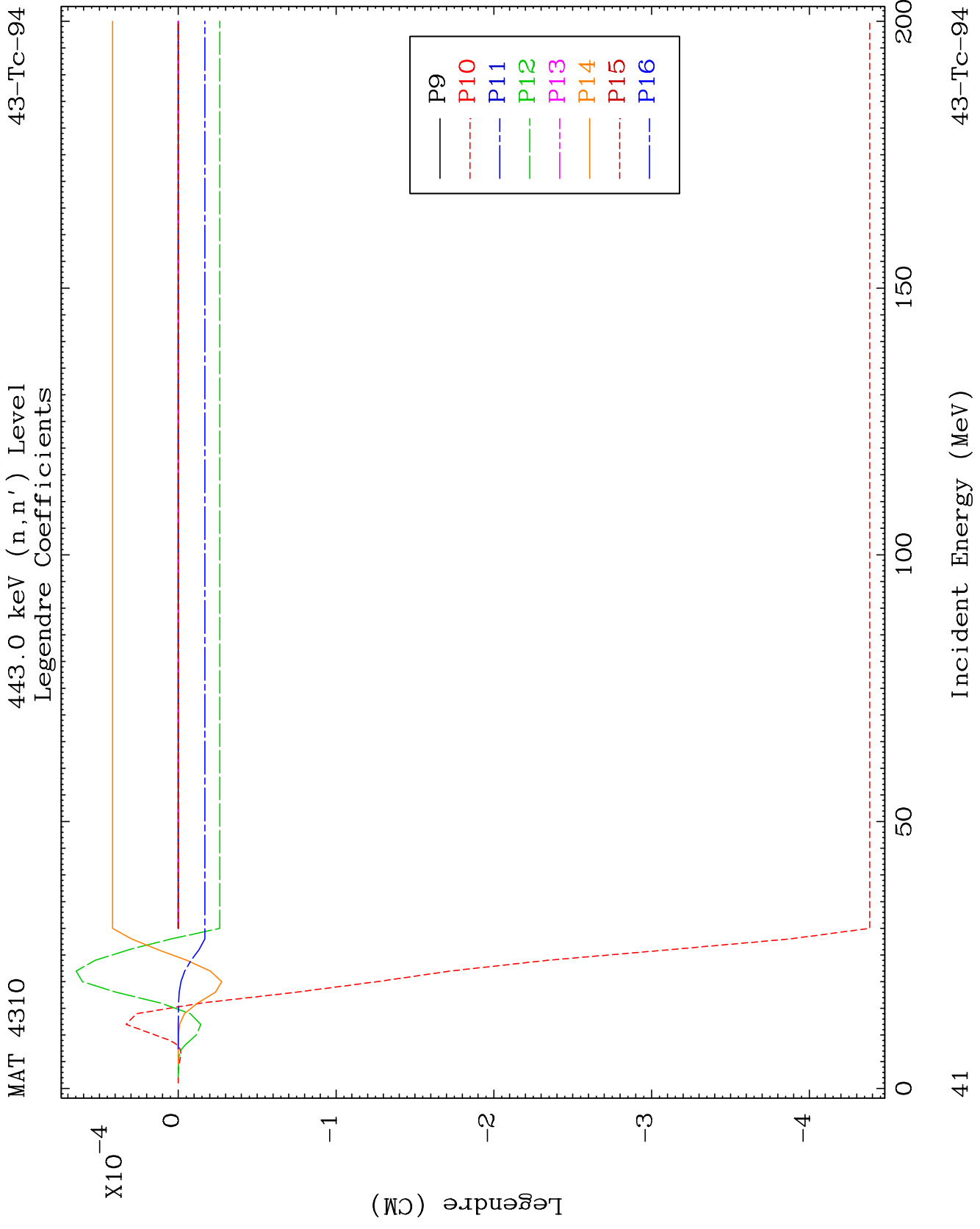
Incident Energy (MeV)

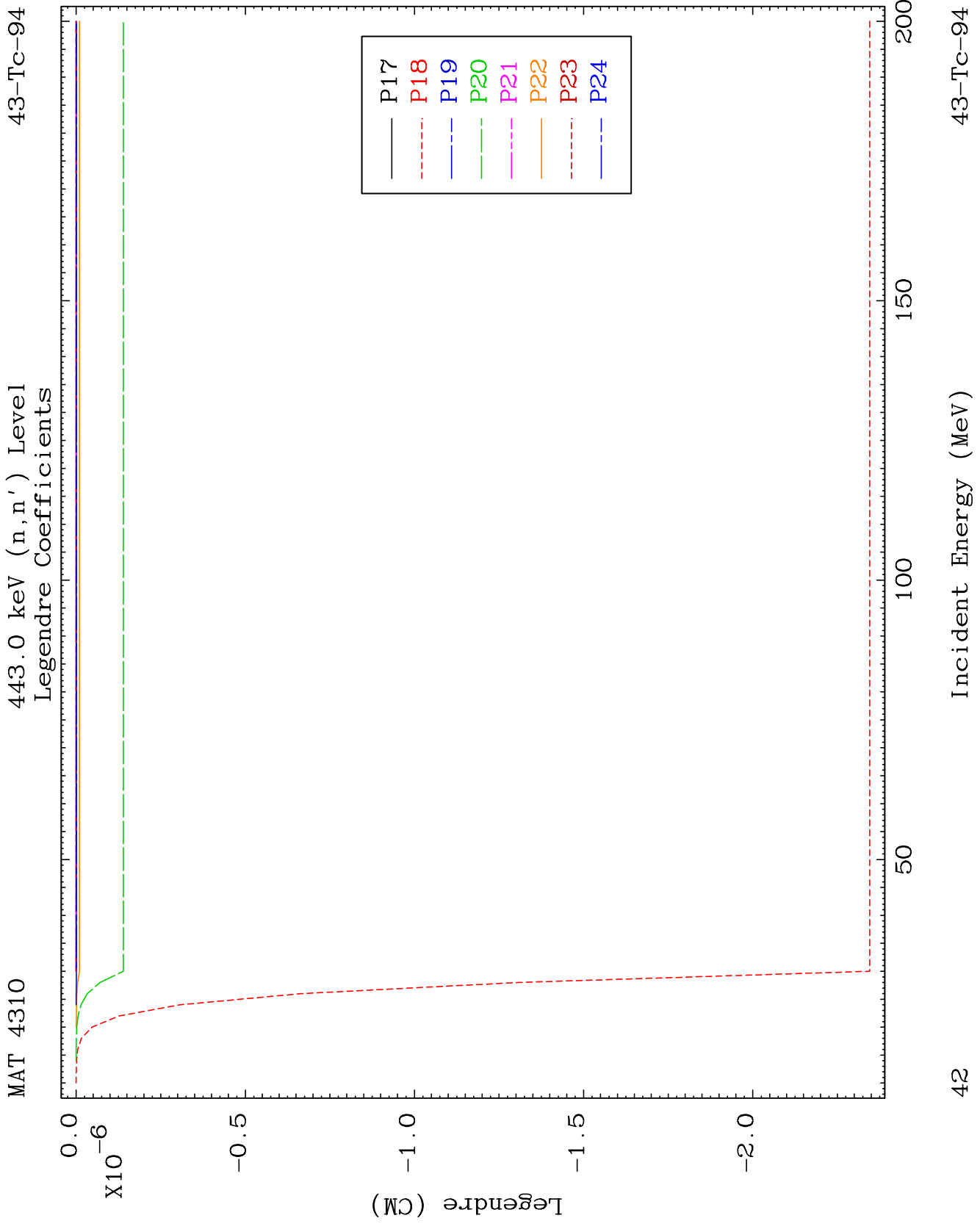
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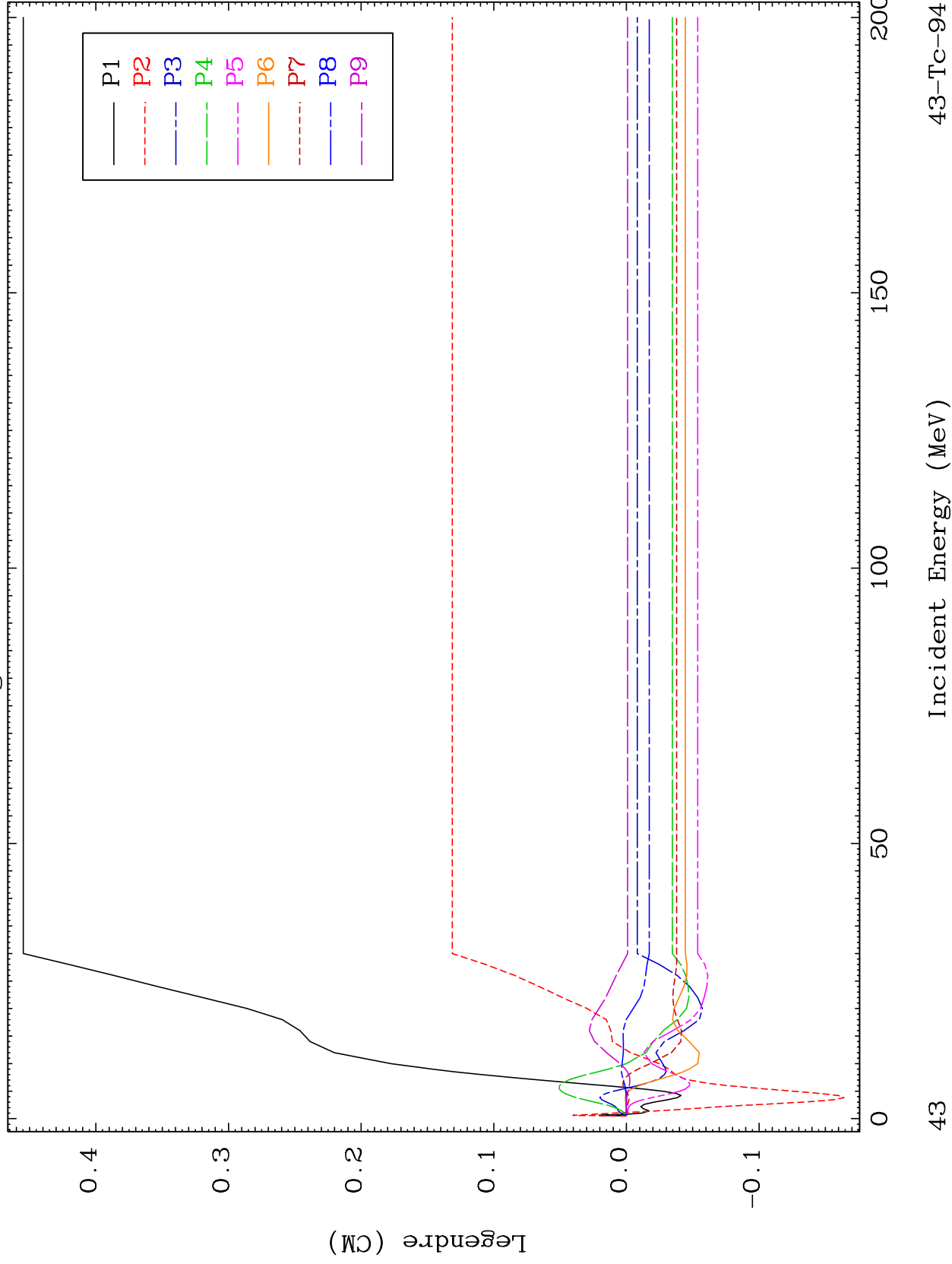




MAT 4310

478.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



43

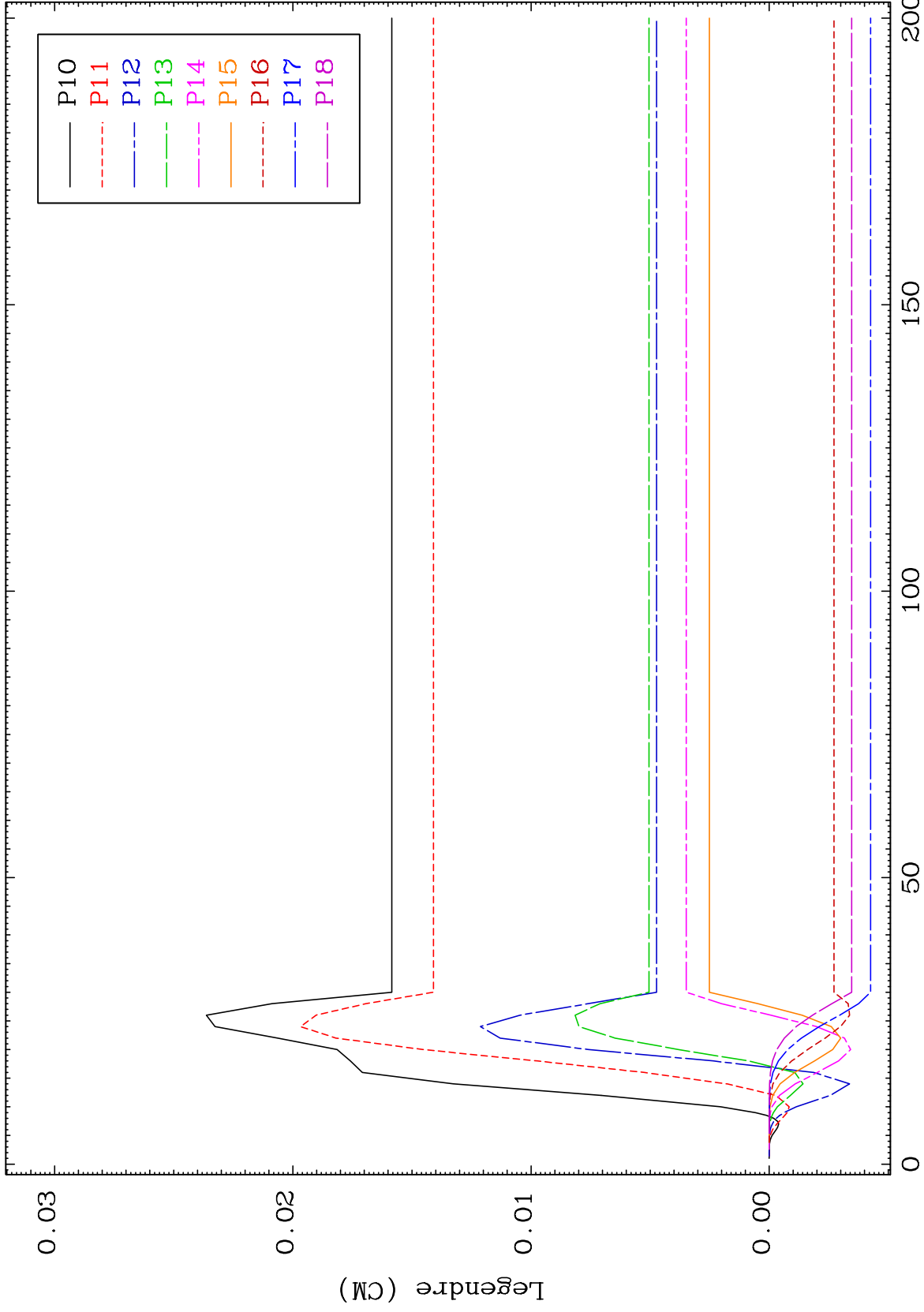
Incident Energy (MeV)

43-Tc-94

MAT 4310

478.0 keV (n,n') Level
Legendre Coefficients

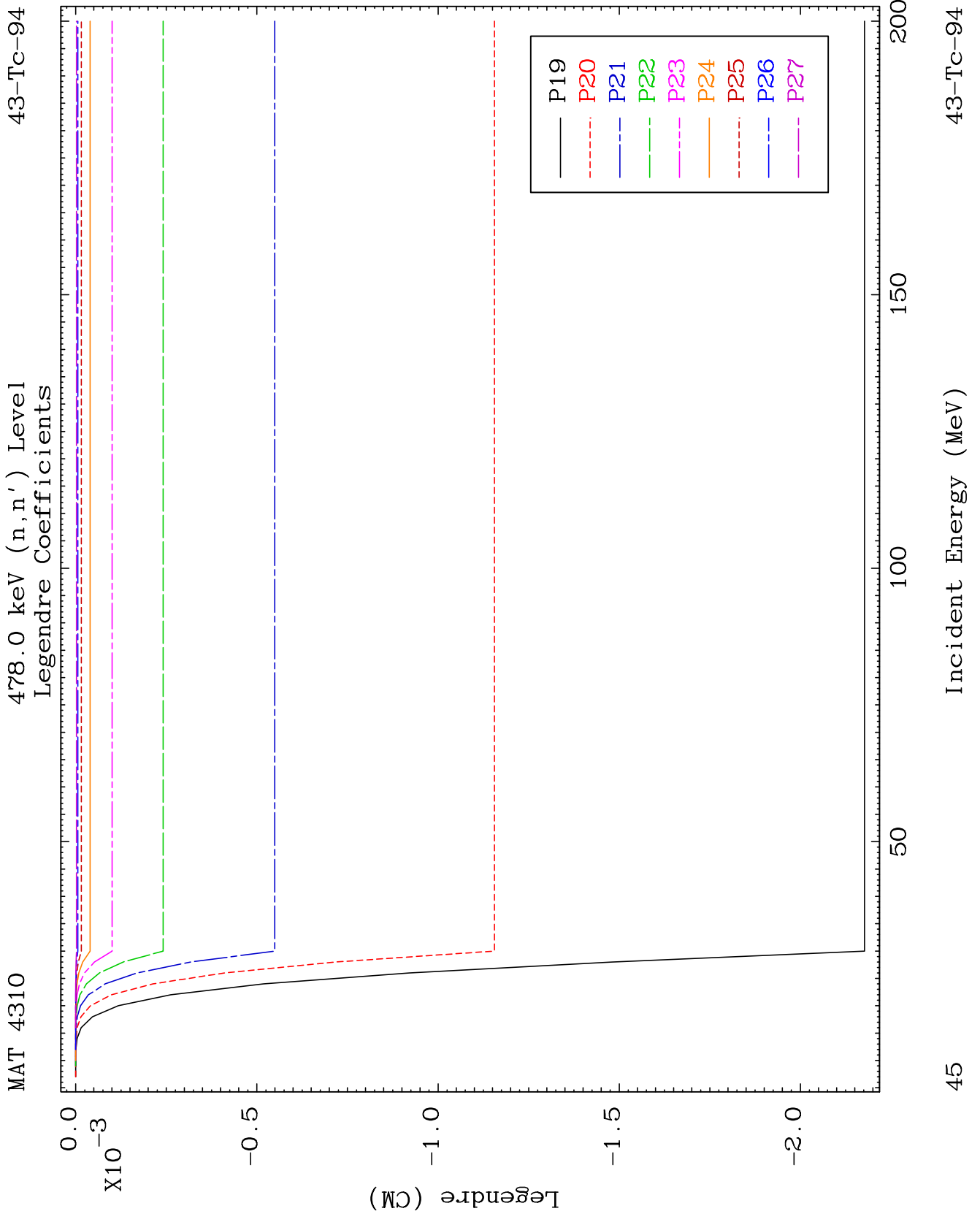
43-Tc-94

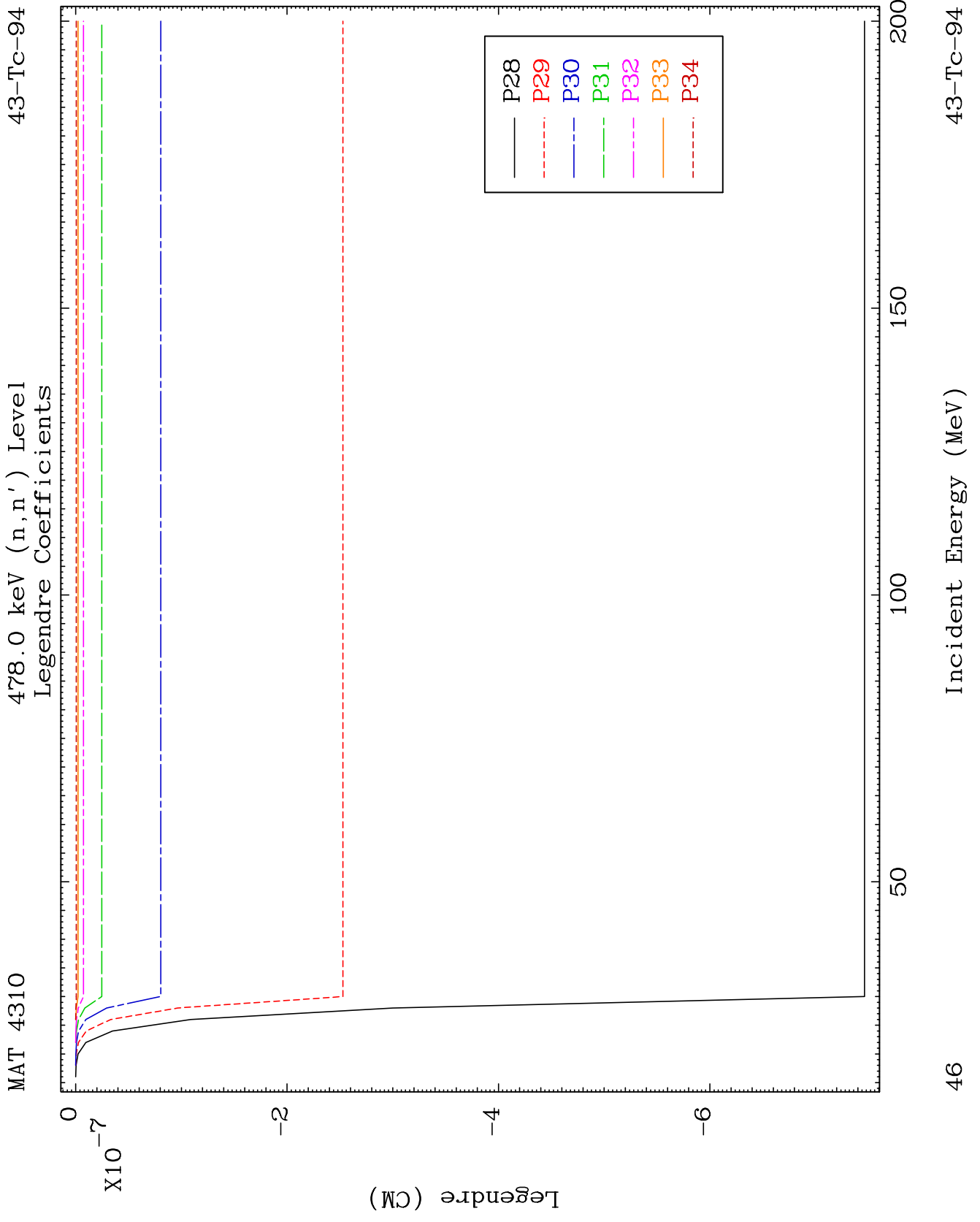


44

Incident Energy (MeV)

43-Tc-94

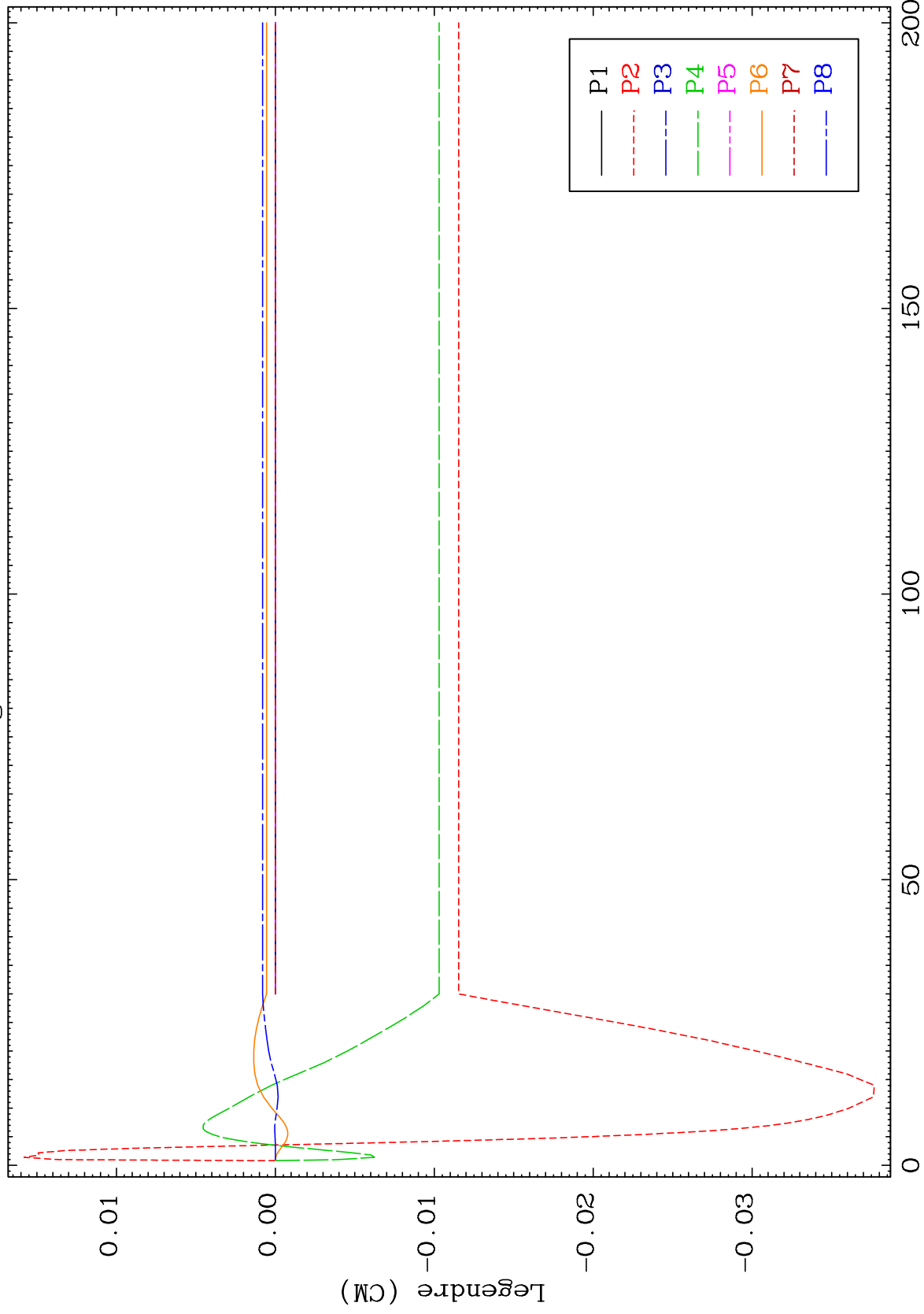




MAT 4310

801.0 keV (n,n') Level
Legendre Coefficients

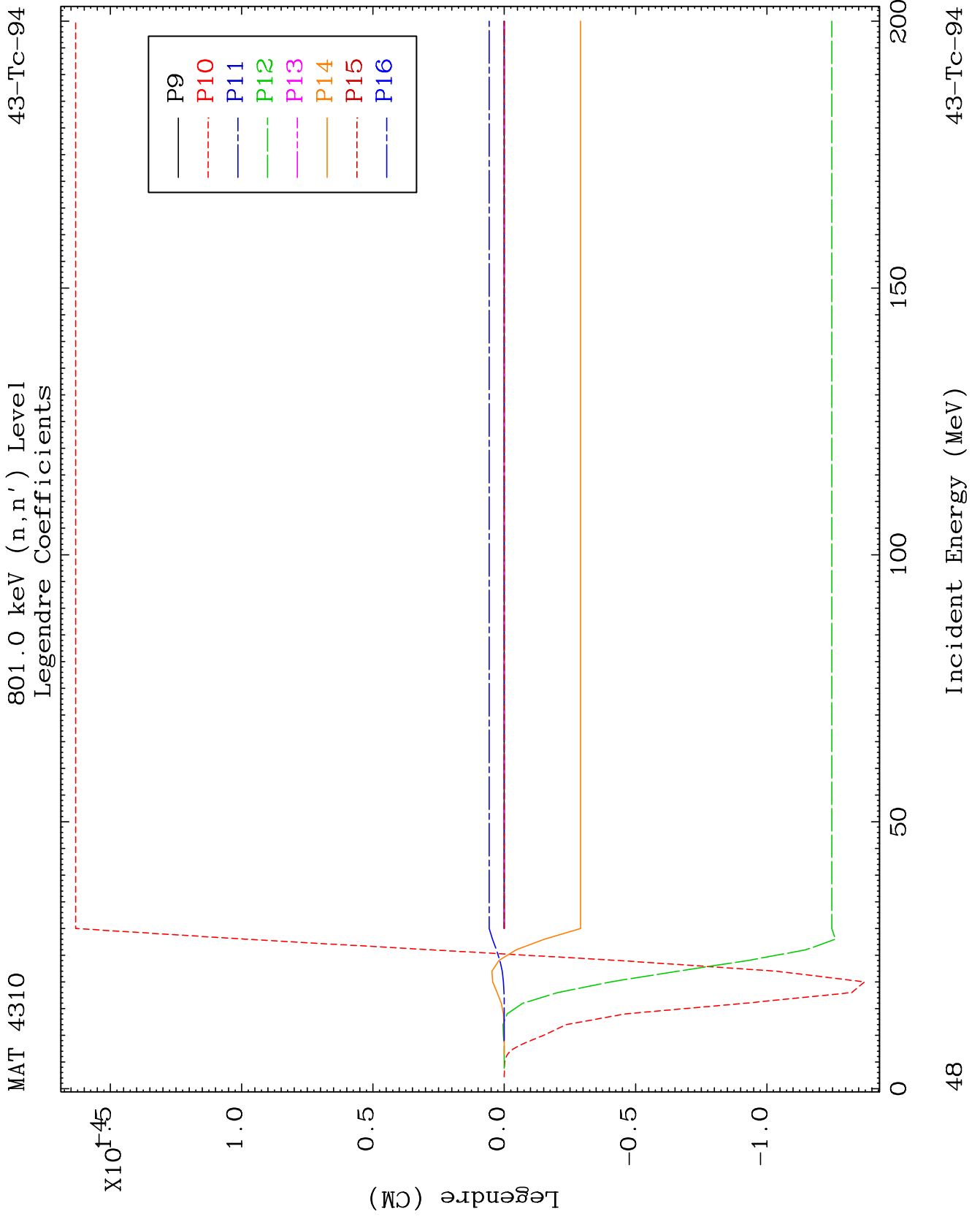
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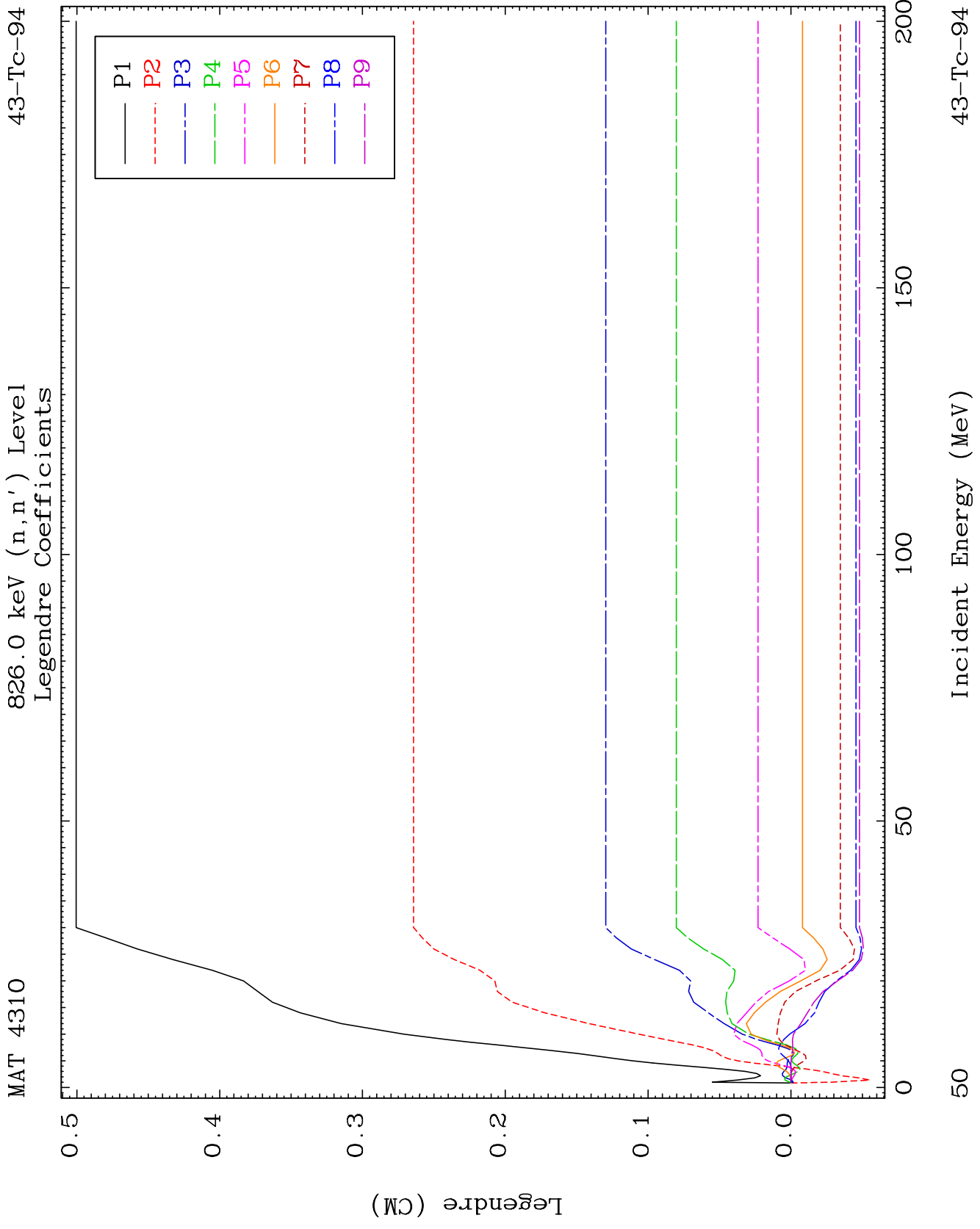


47

Incident Energy (MeV)

43-Tc-94

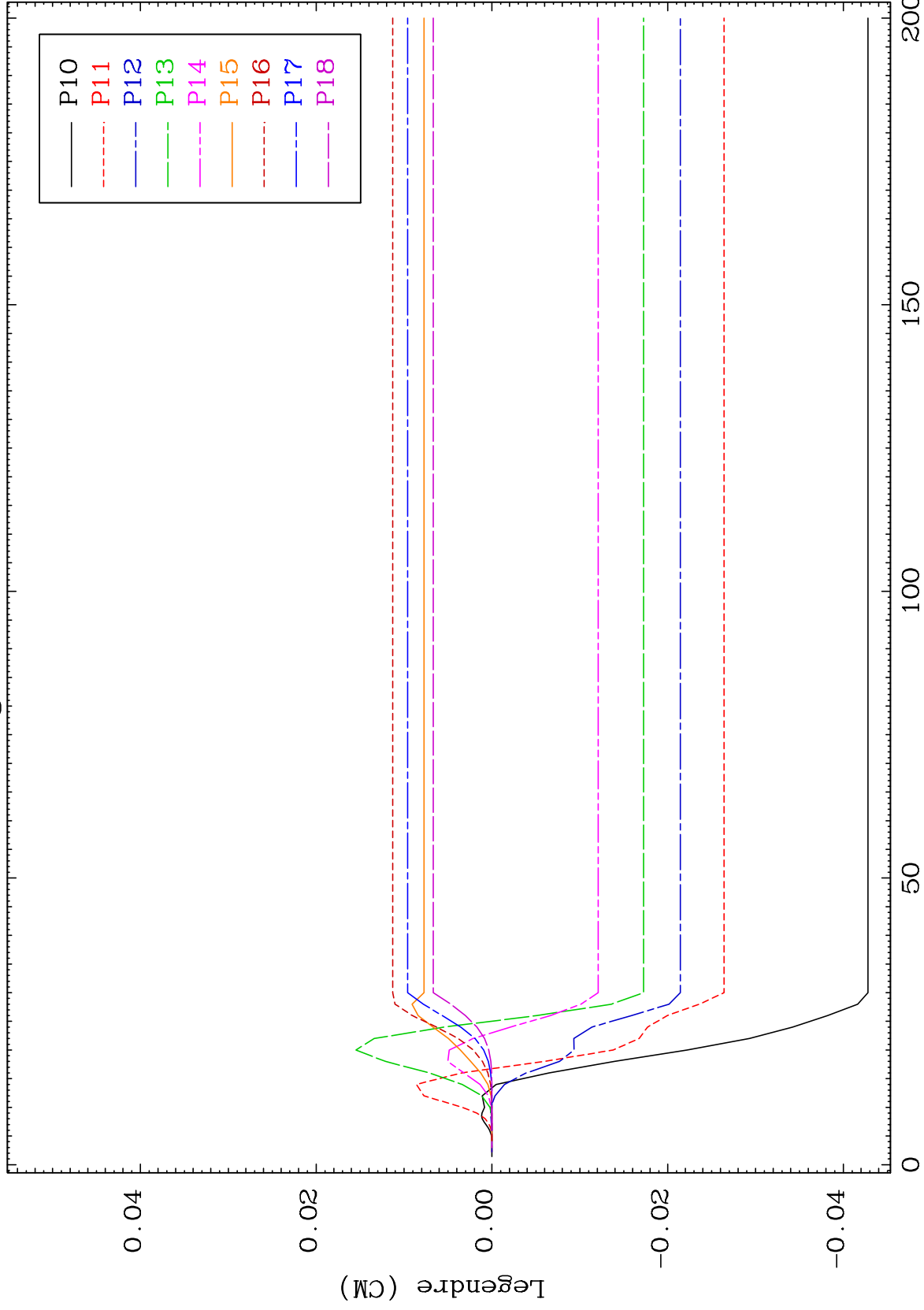




MAT 4310

826.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



51

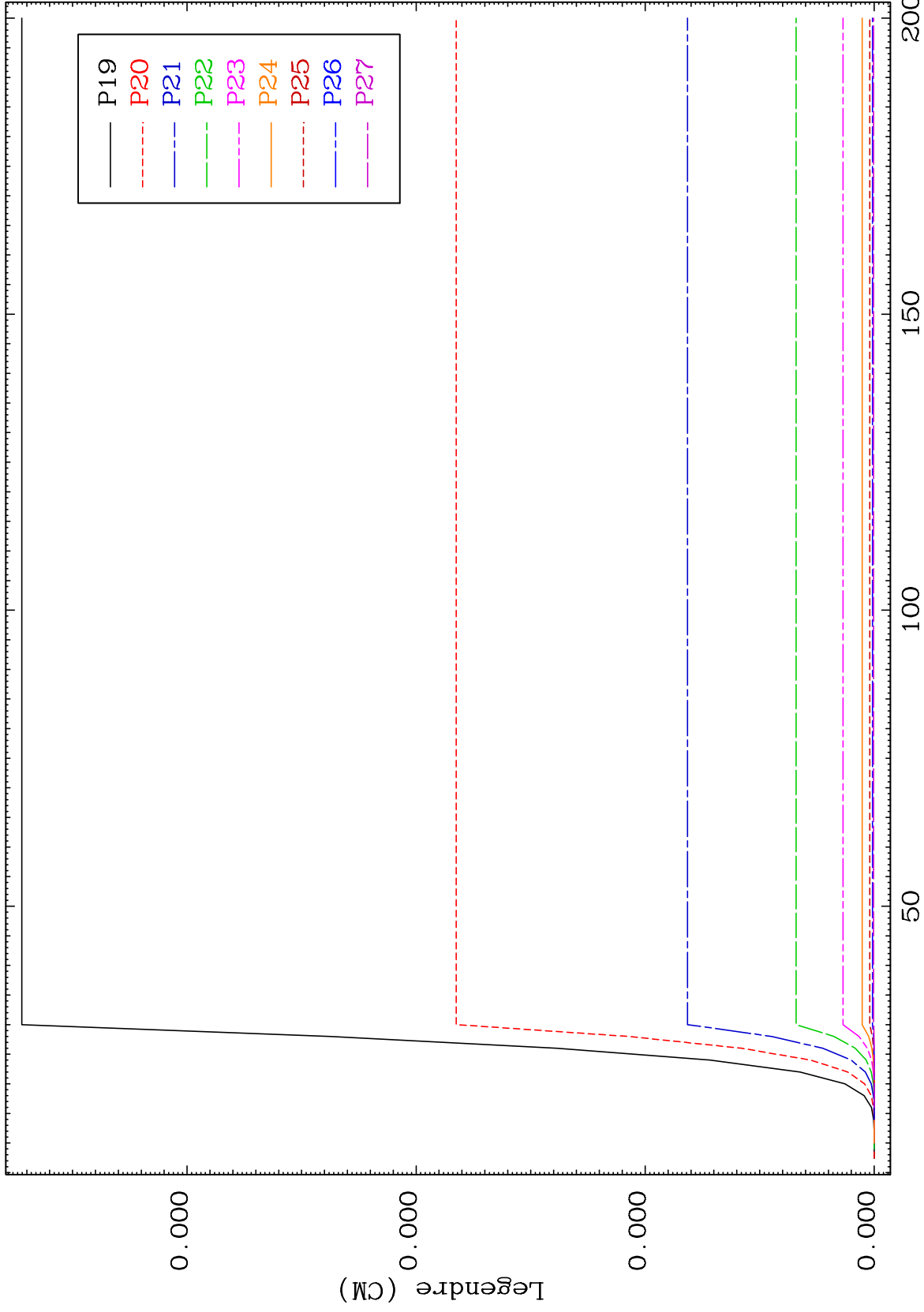
Incident Energy (MeV)

43-Tc-94

MAT 4310

826.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



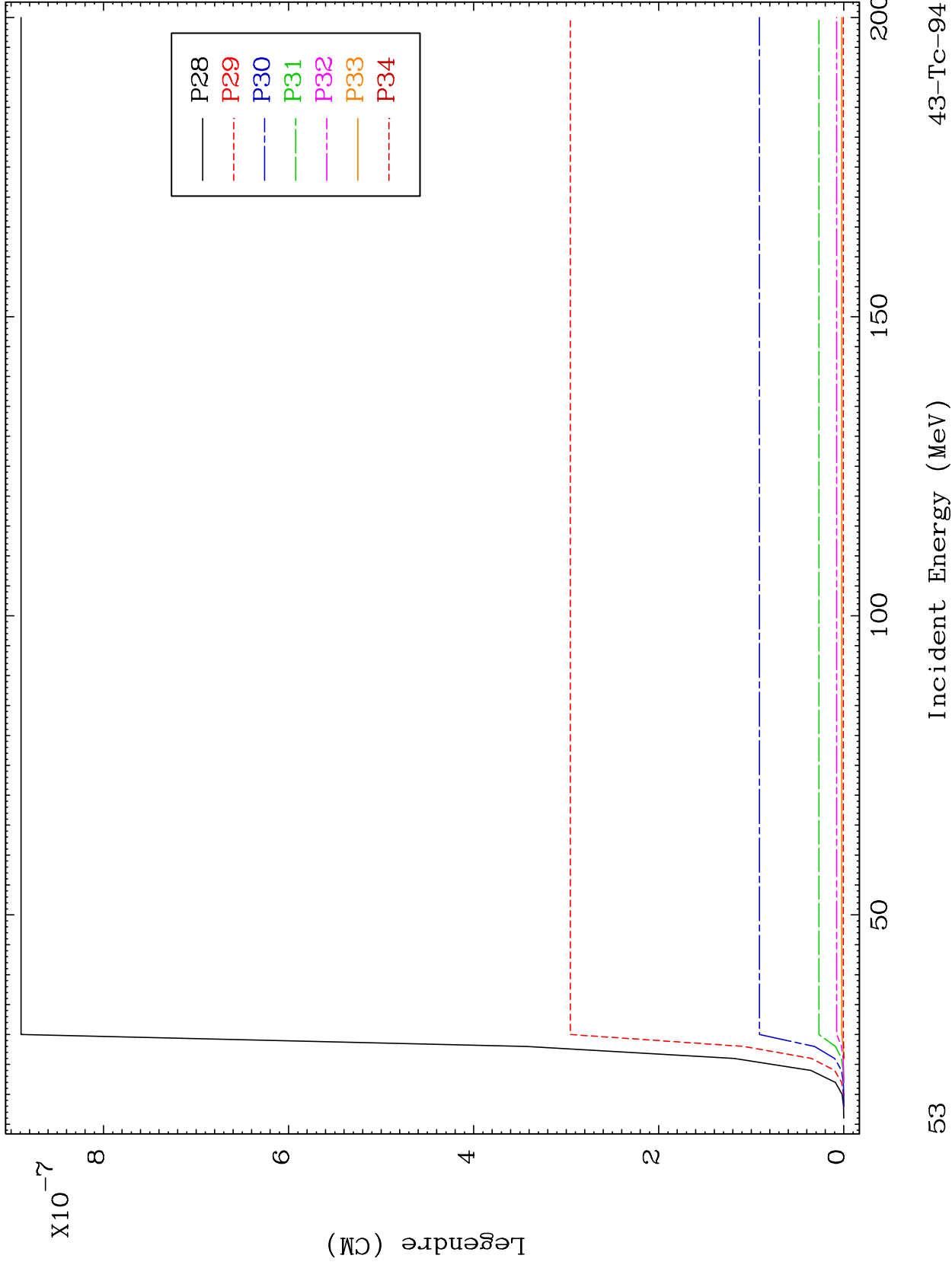
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43-Tc-94

MAT 4310

826.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



53

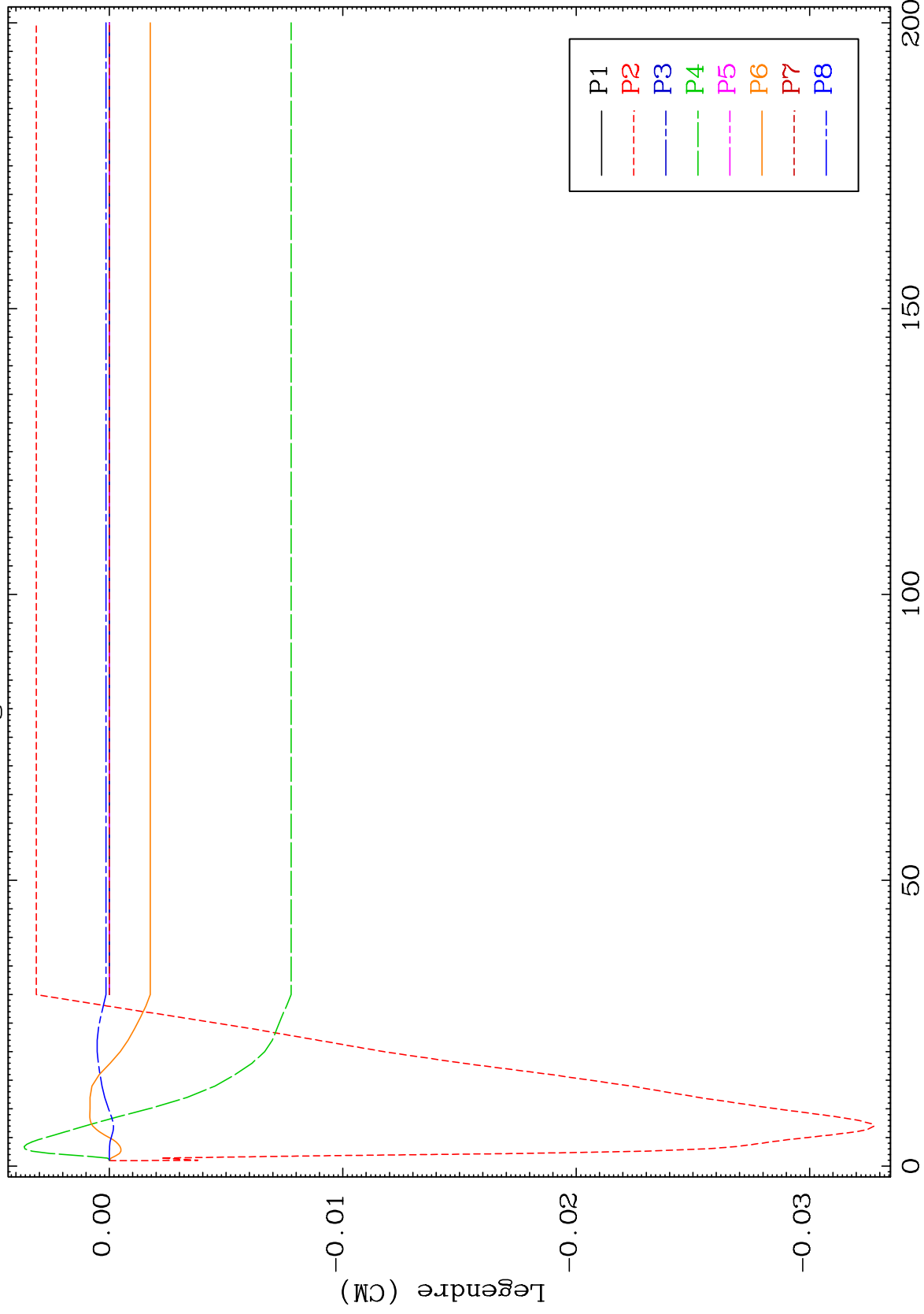
Incident Energy (MeV)

43-Tc-94

MAT 4310

921.0 keV (n,n') Level
Legendre Coefficients

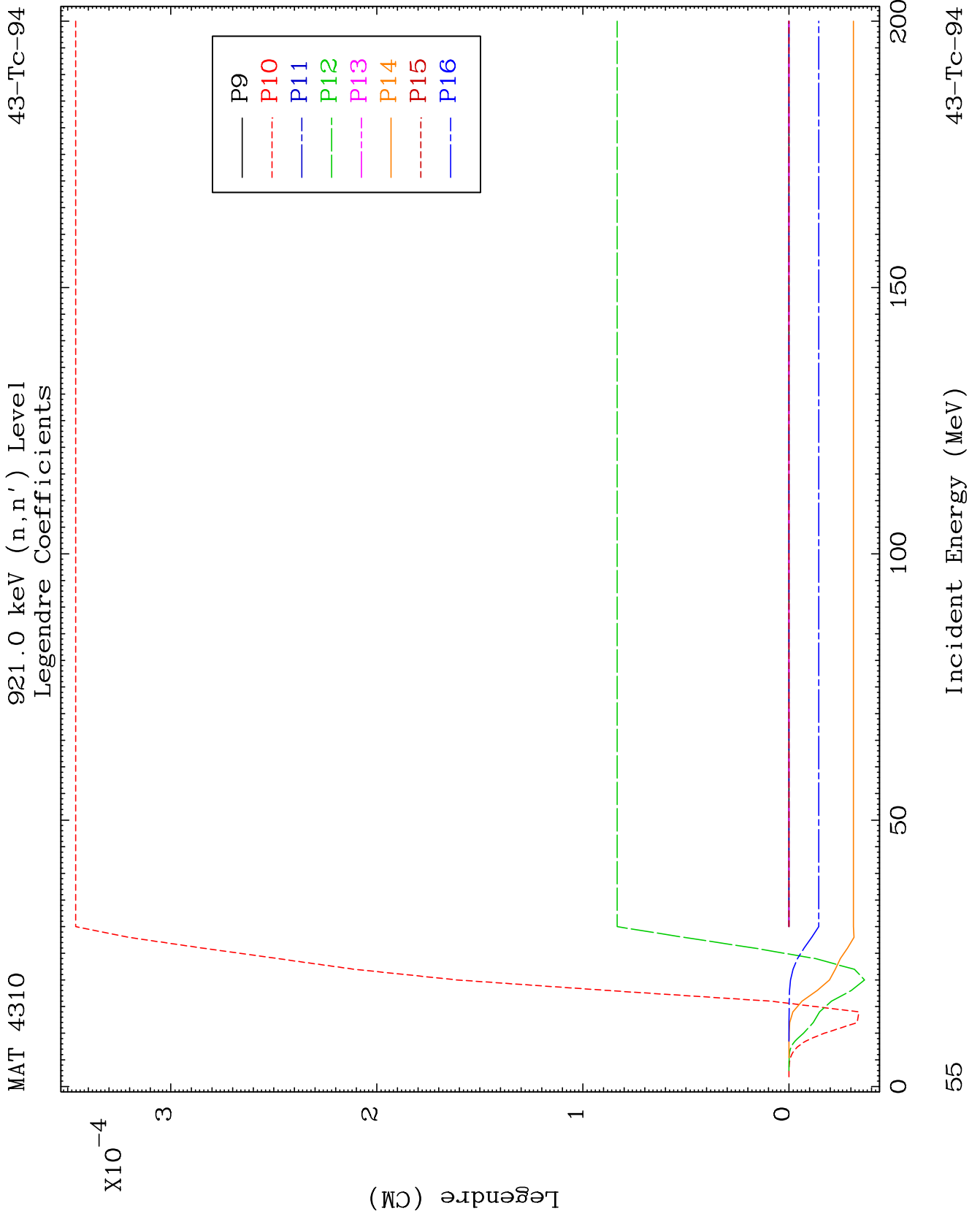
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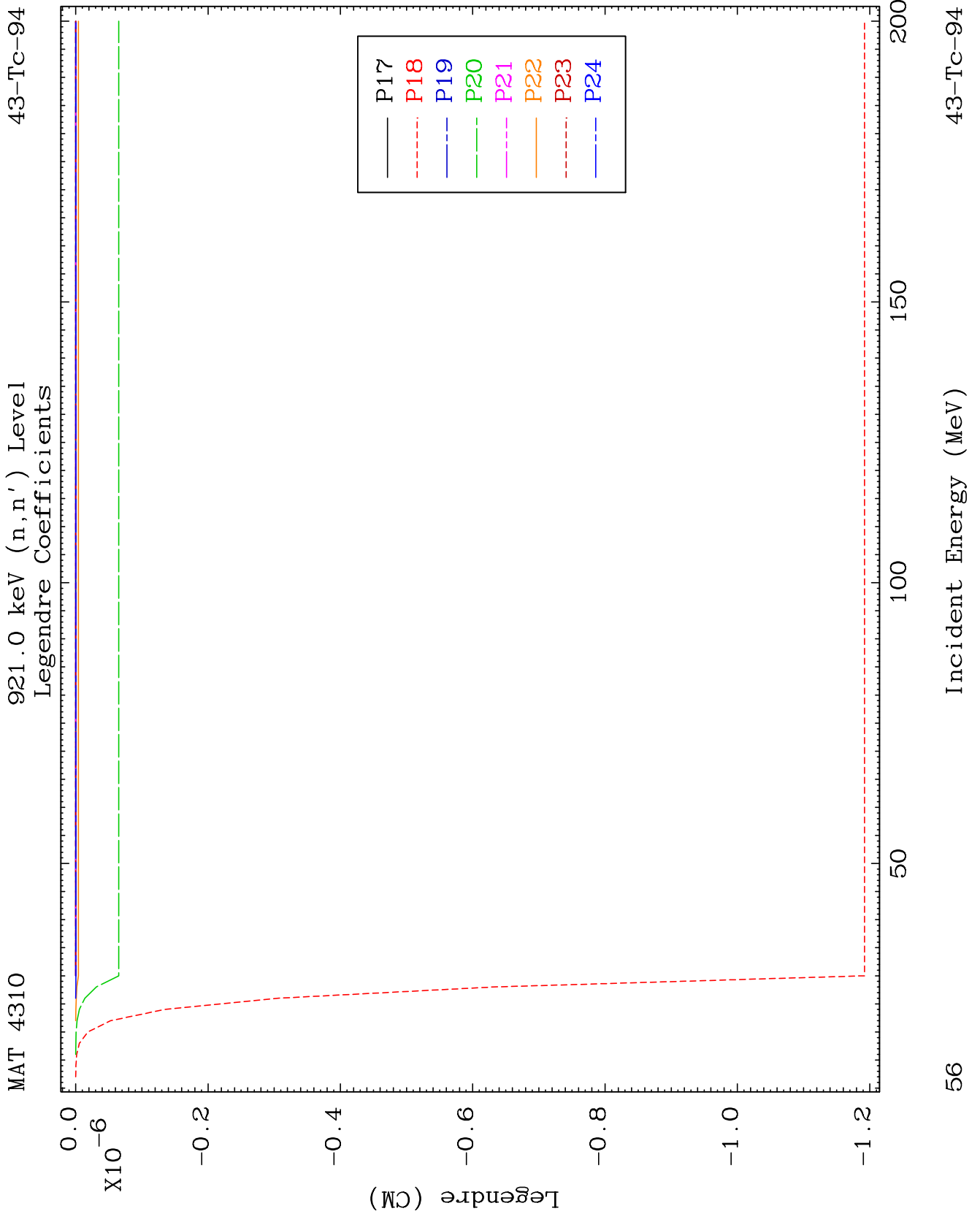


54

Incident Energy (MeV)

43-Tc-94

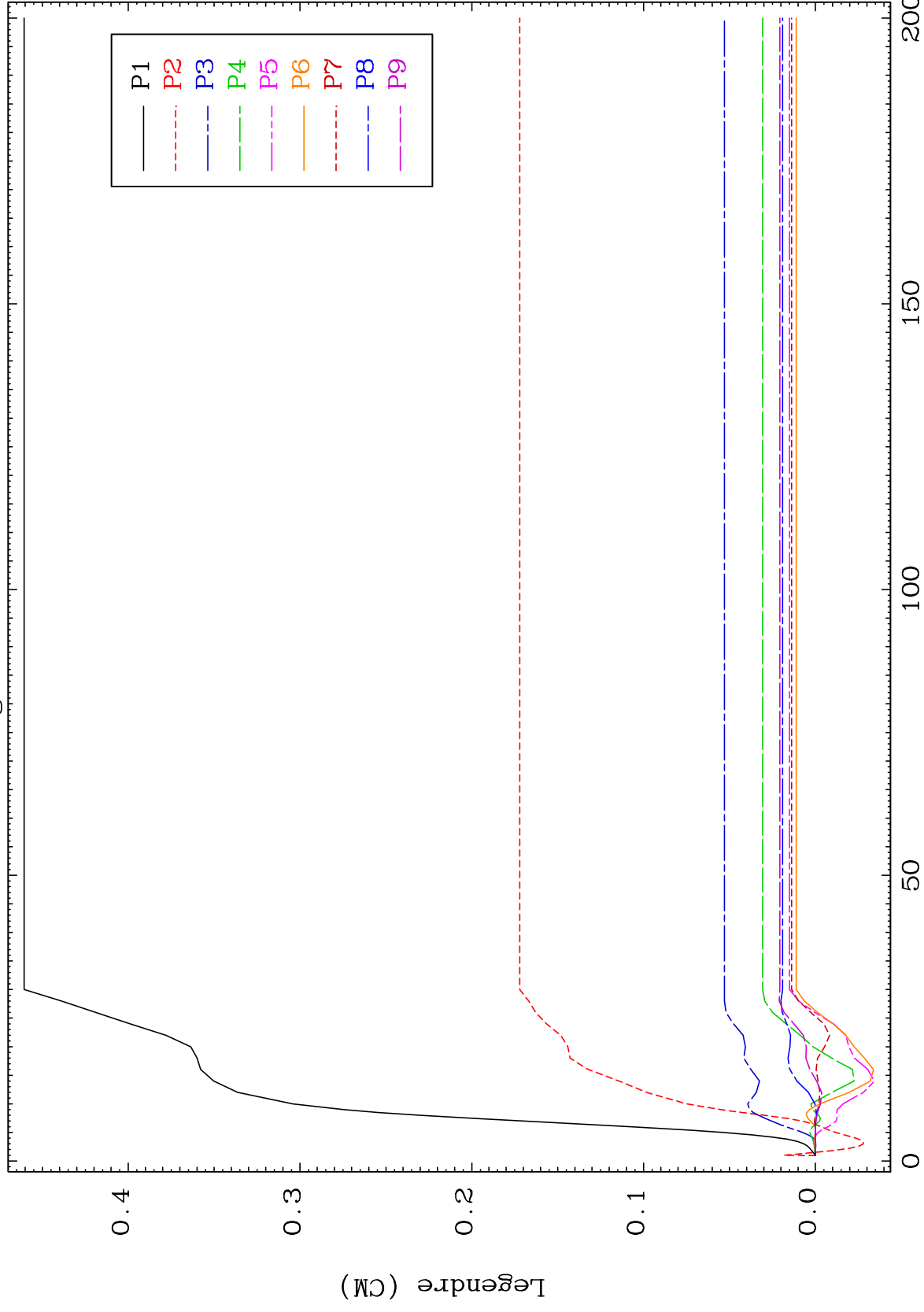




MAT 4310

929.0 keV (n,n') Level
Legendre Coefficients

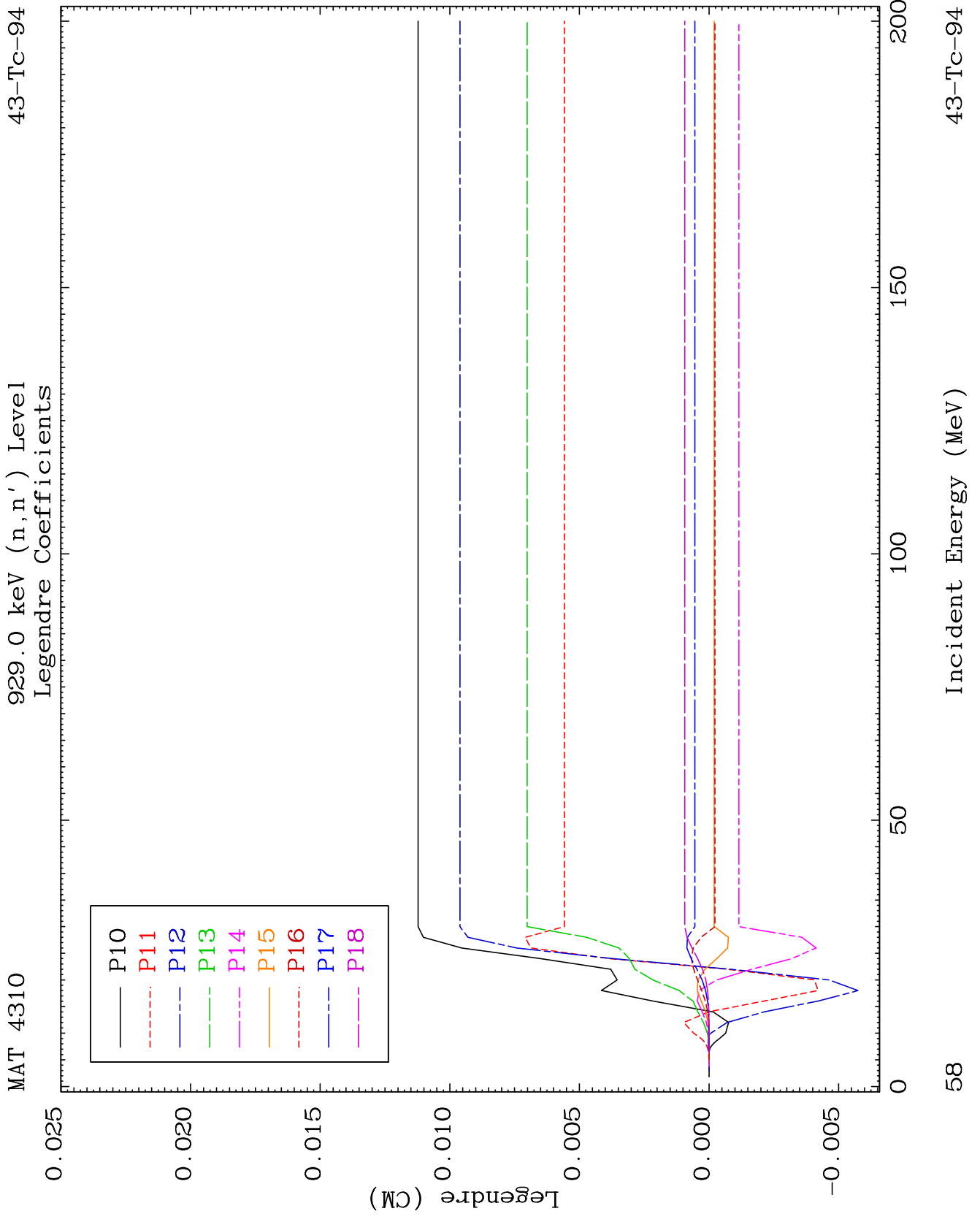
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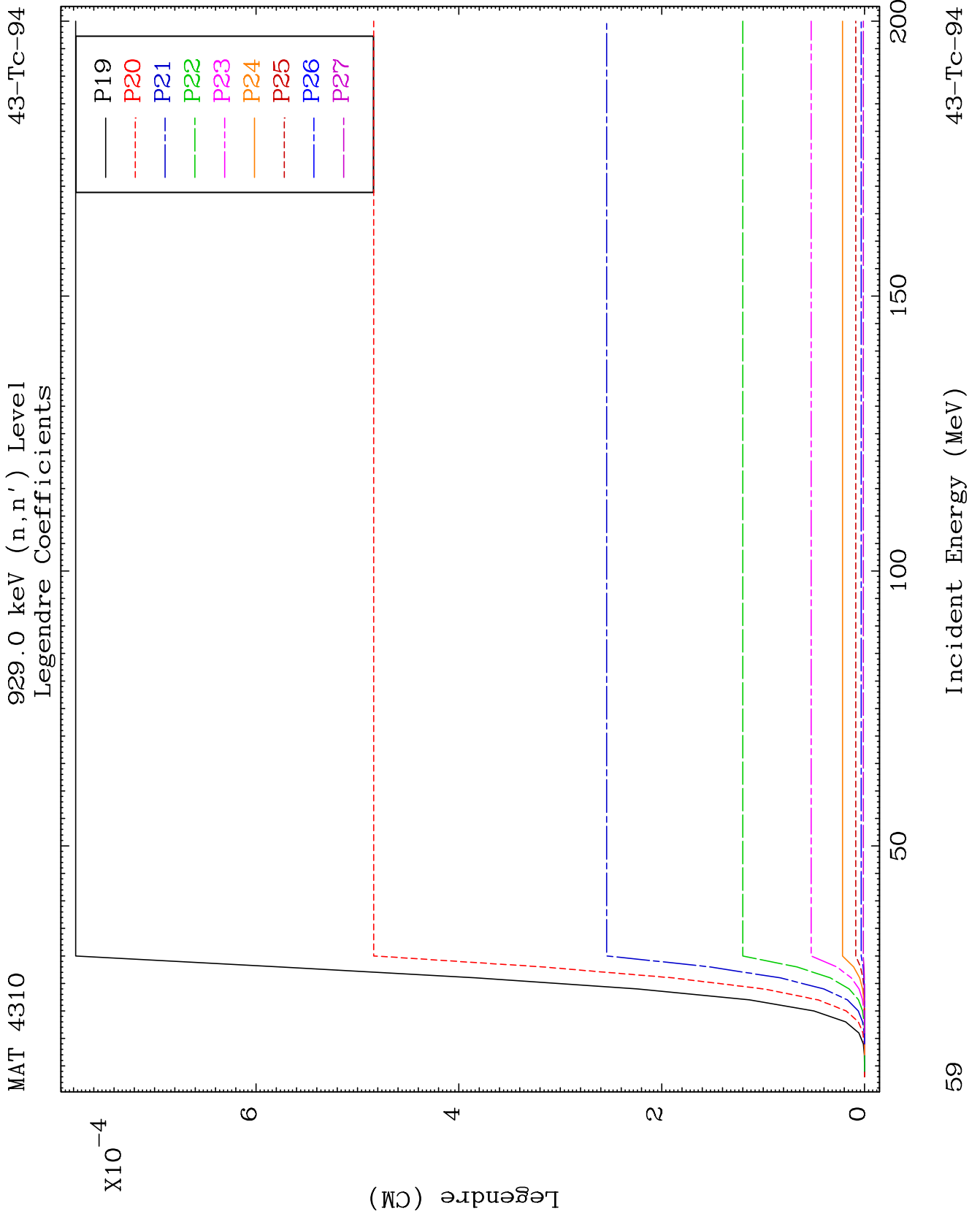


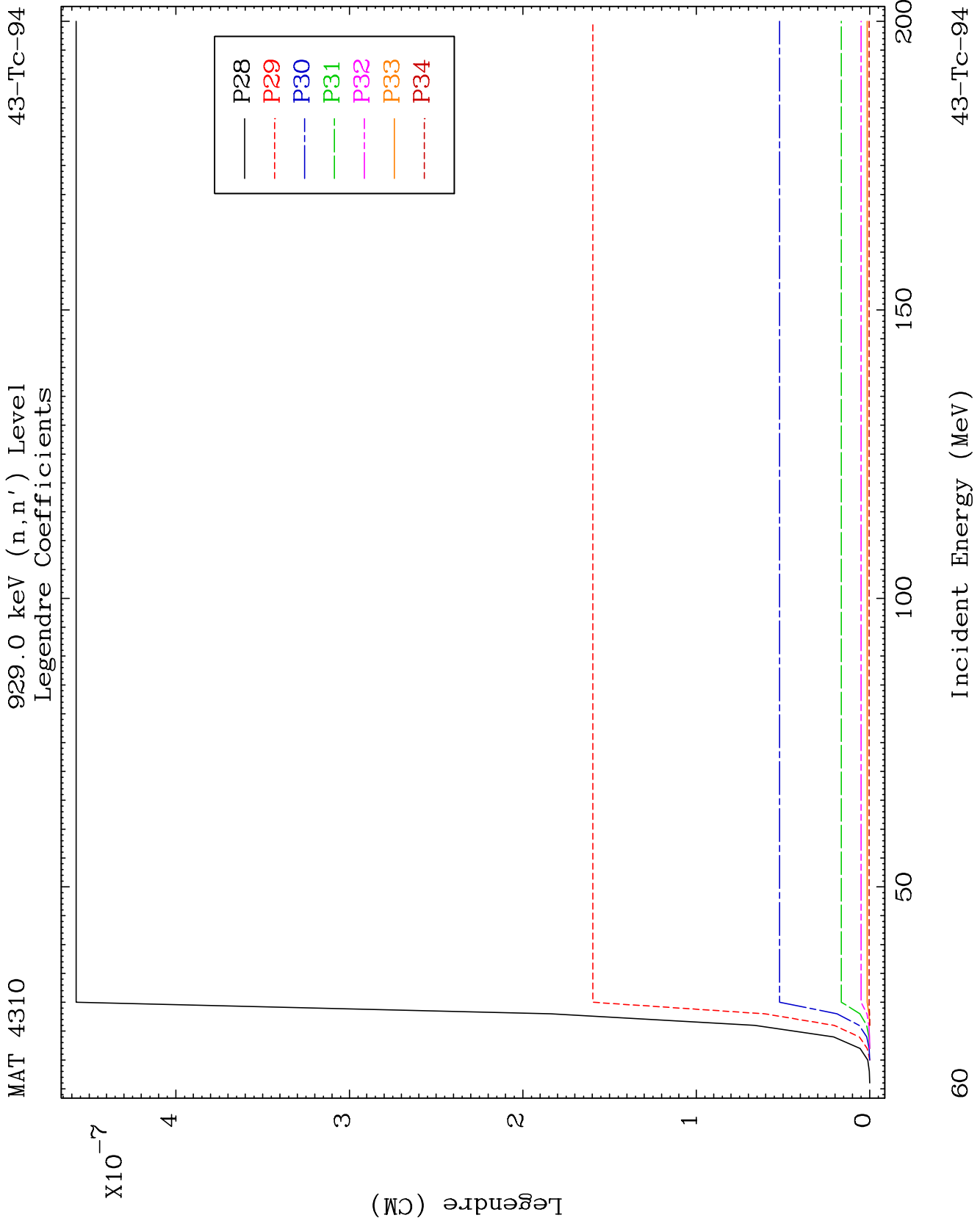
57

Incident Energy (MeV)

43-Tc-94



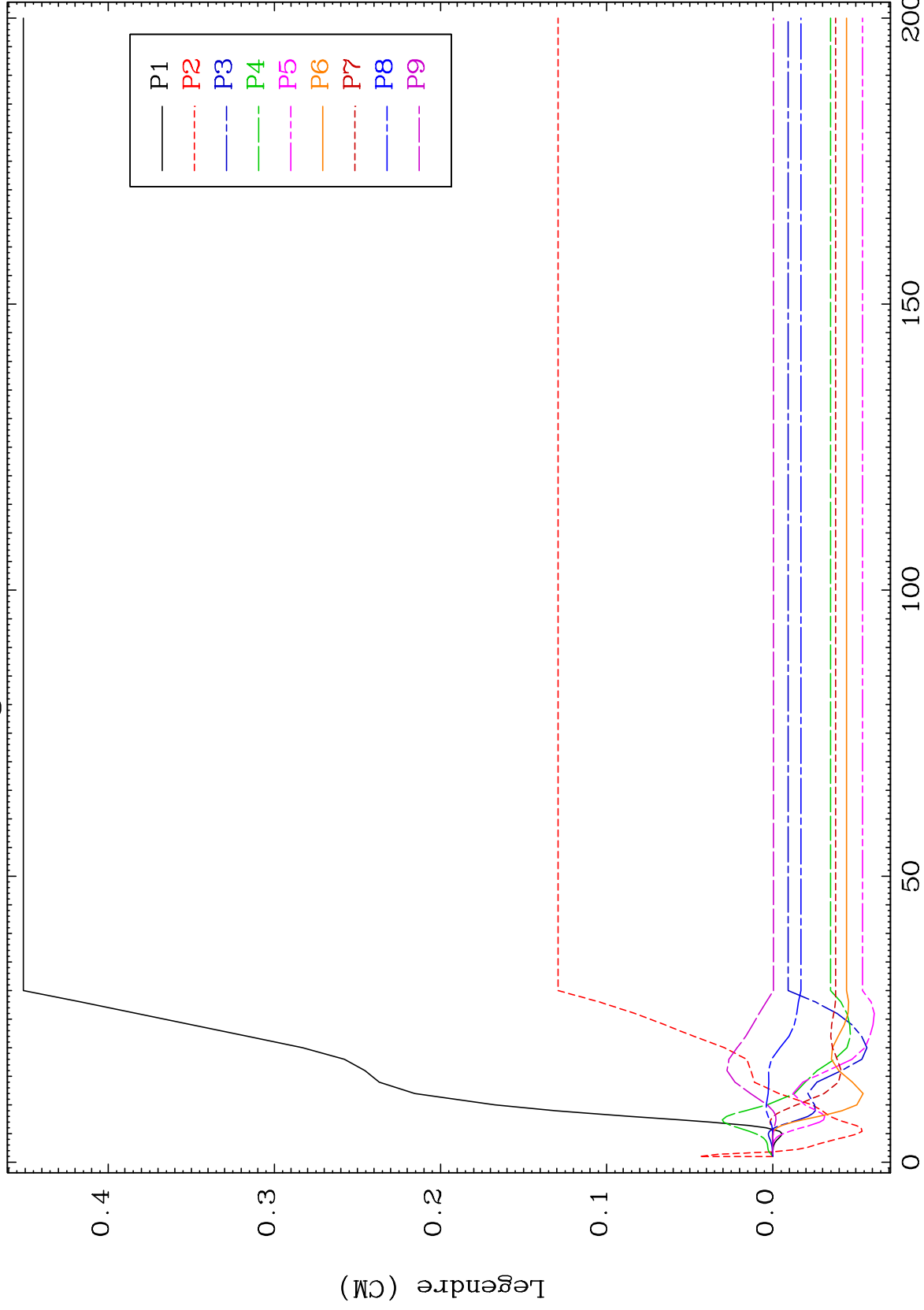




MAT 4310

956.0 keV (n,n') Level
Legendre Coefficients

43-Tc-94



61

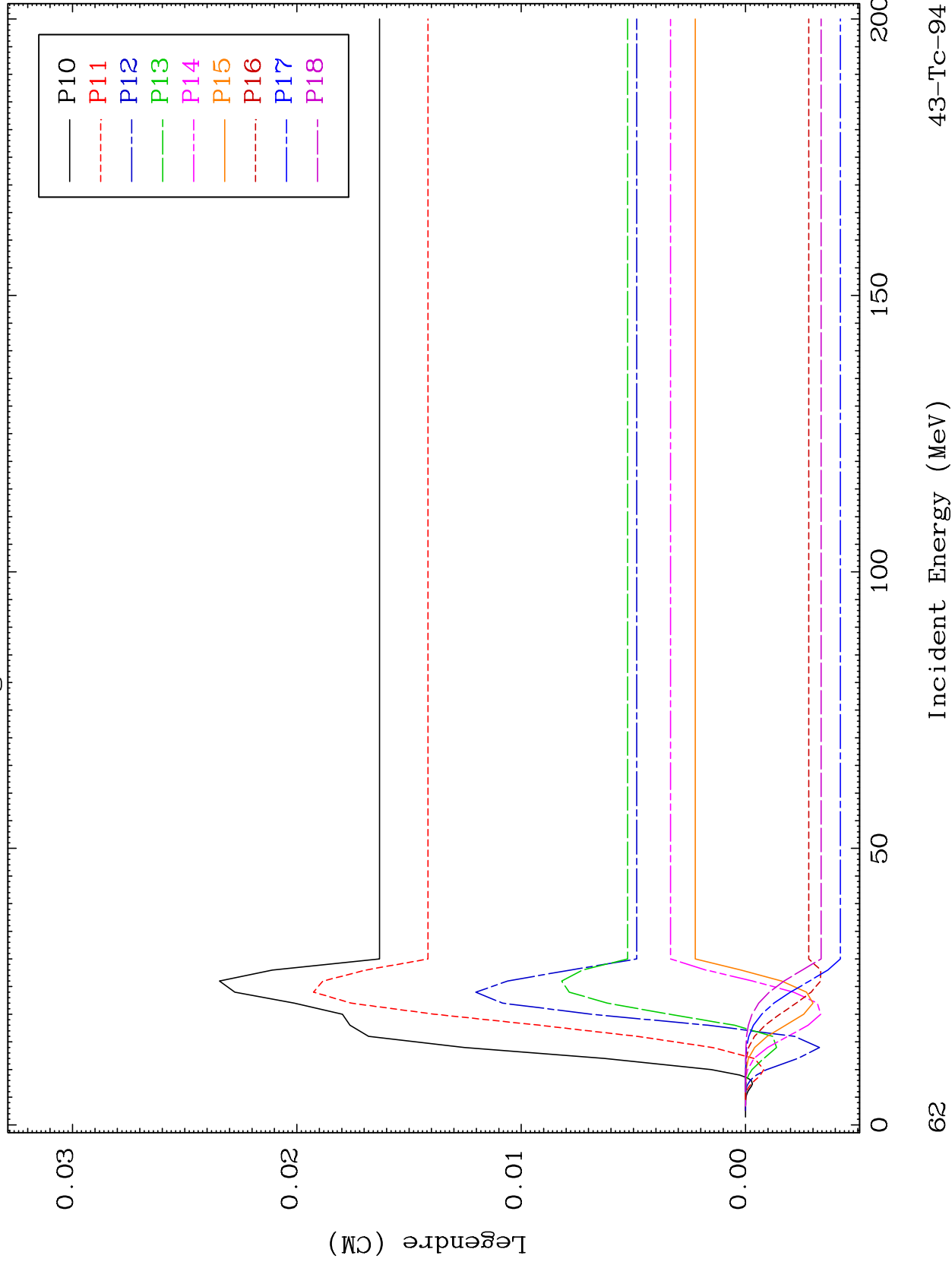
Incident Energy (MeV)

43-Tc-94

MAT 4310

956.0 keV (n,n') Level
Legendre Coefficients

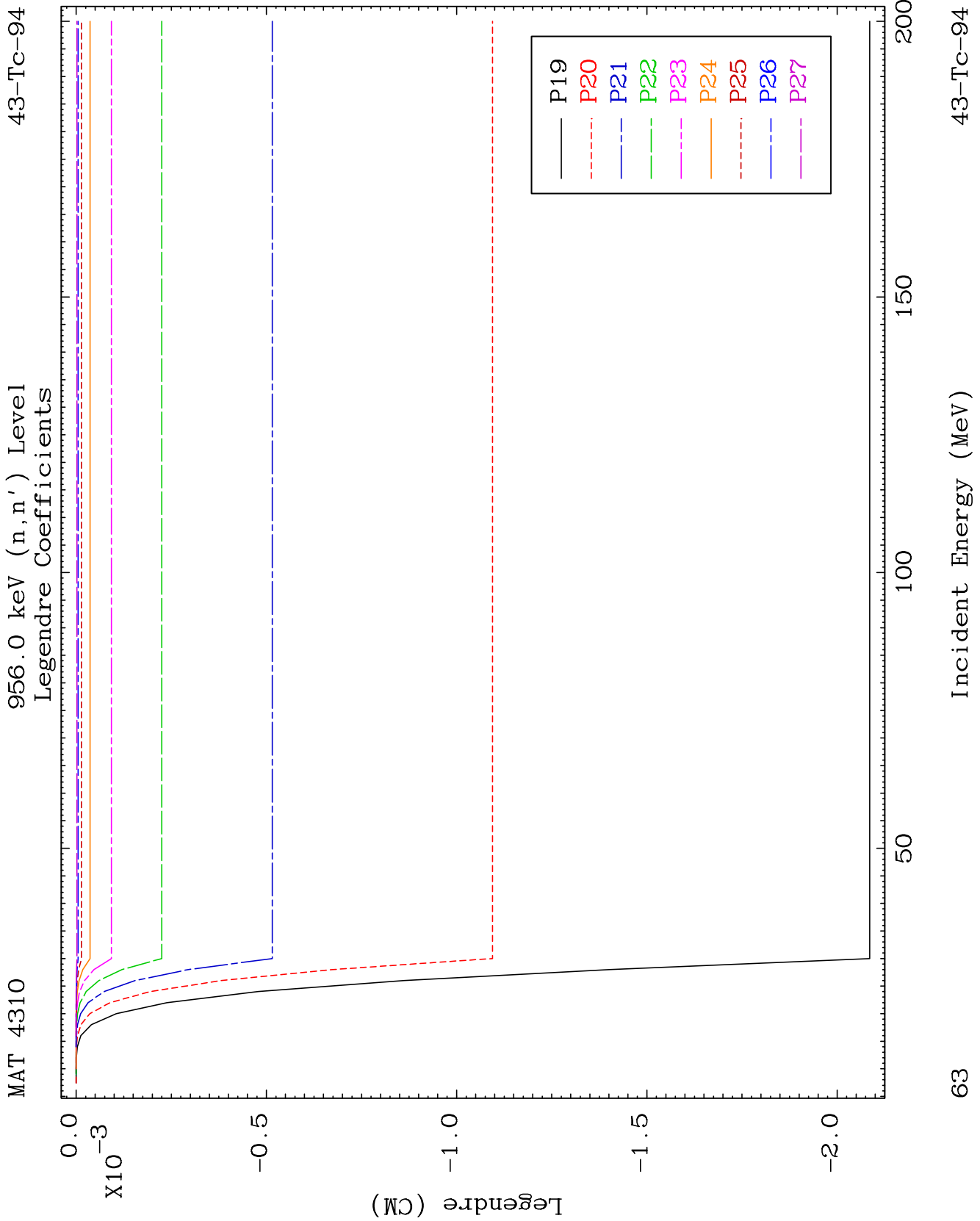
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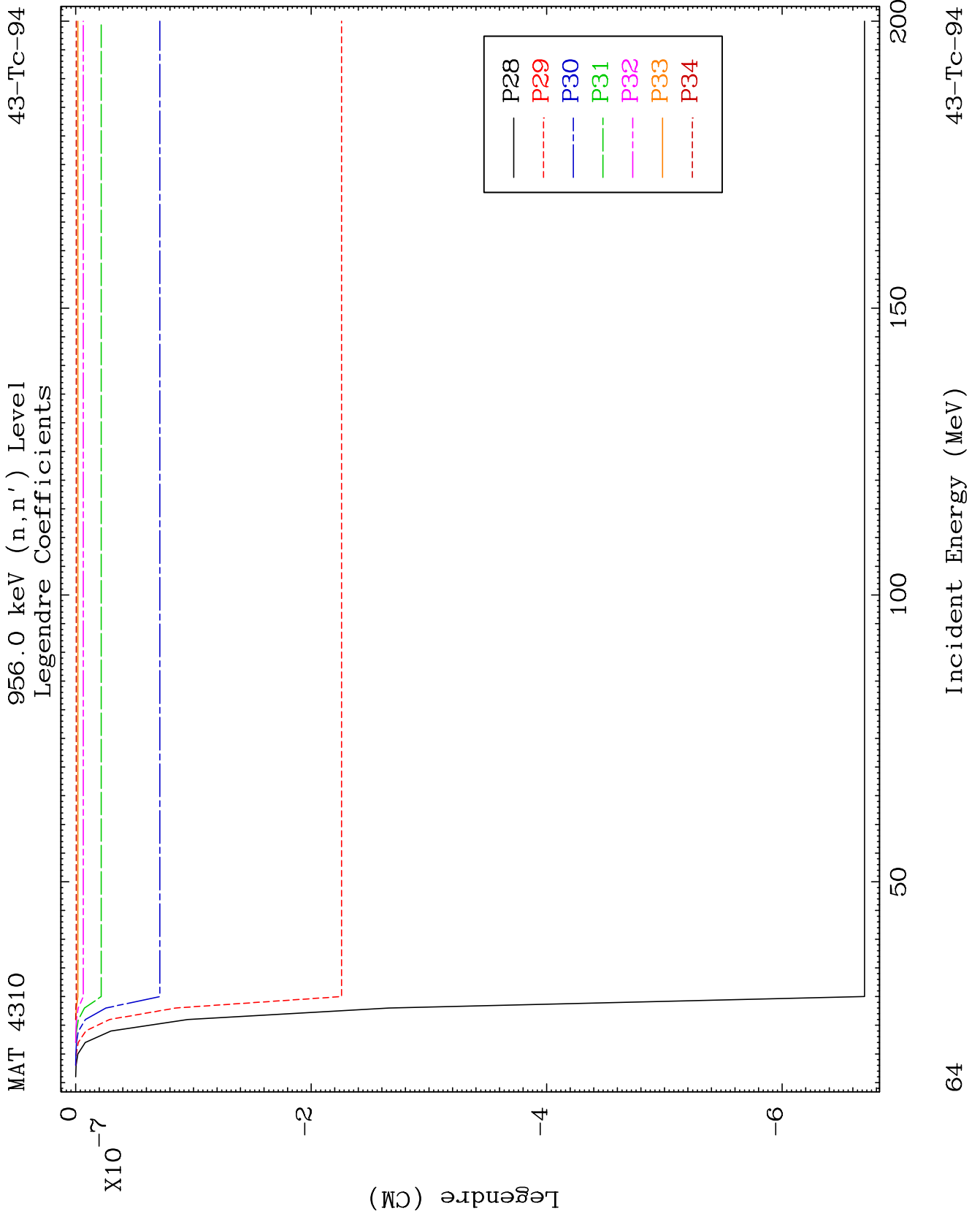


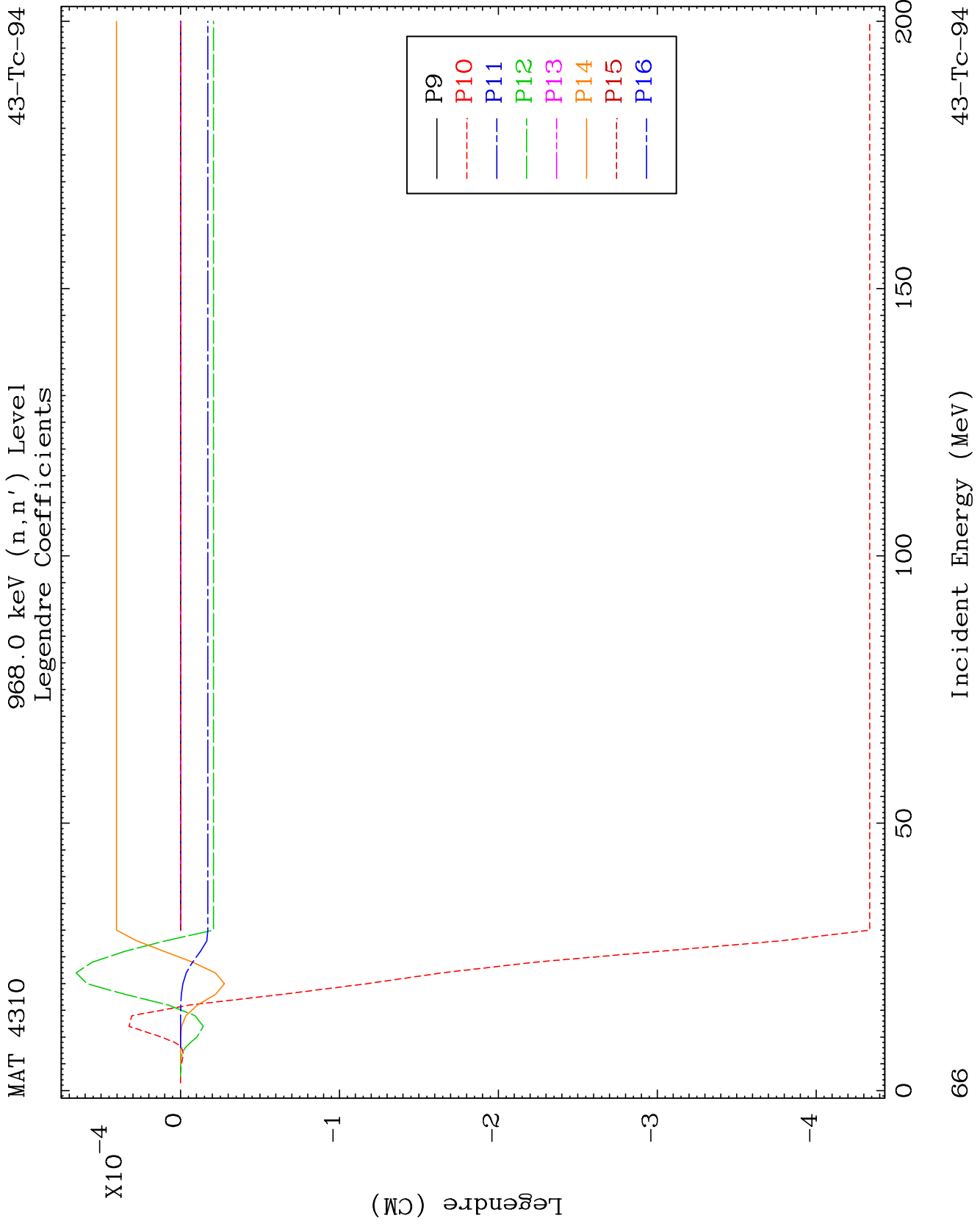
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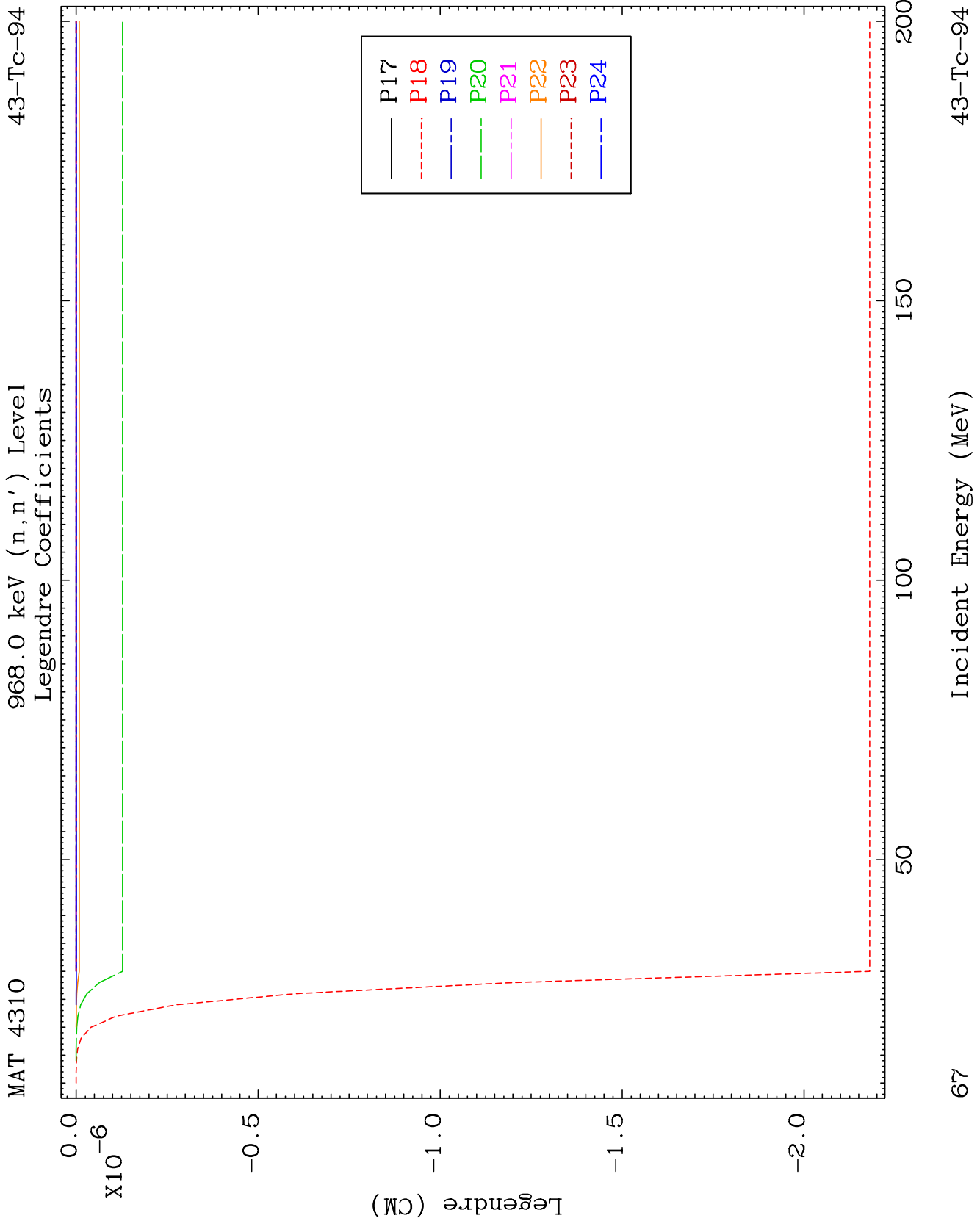
Incident Energy (MeV)

62





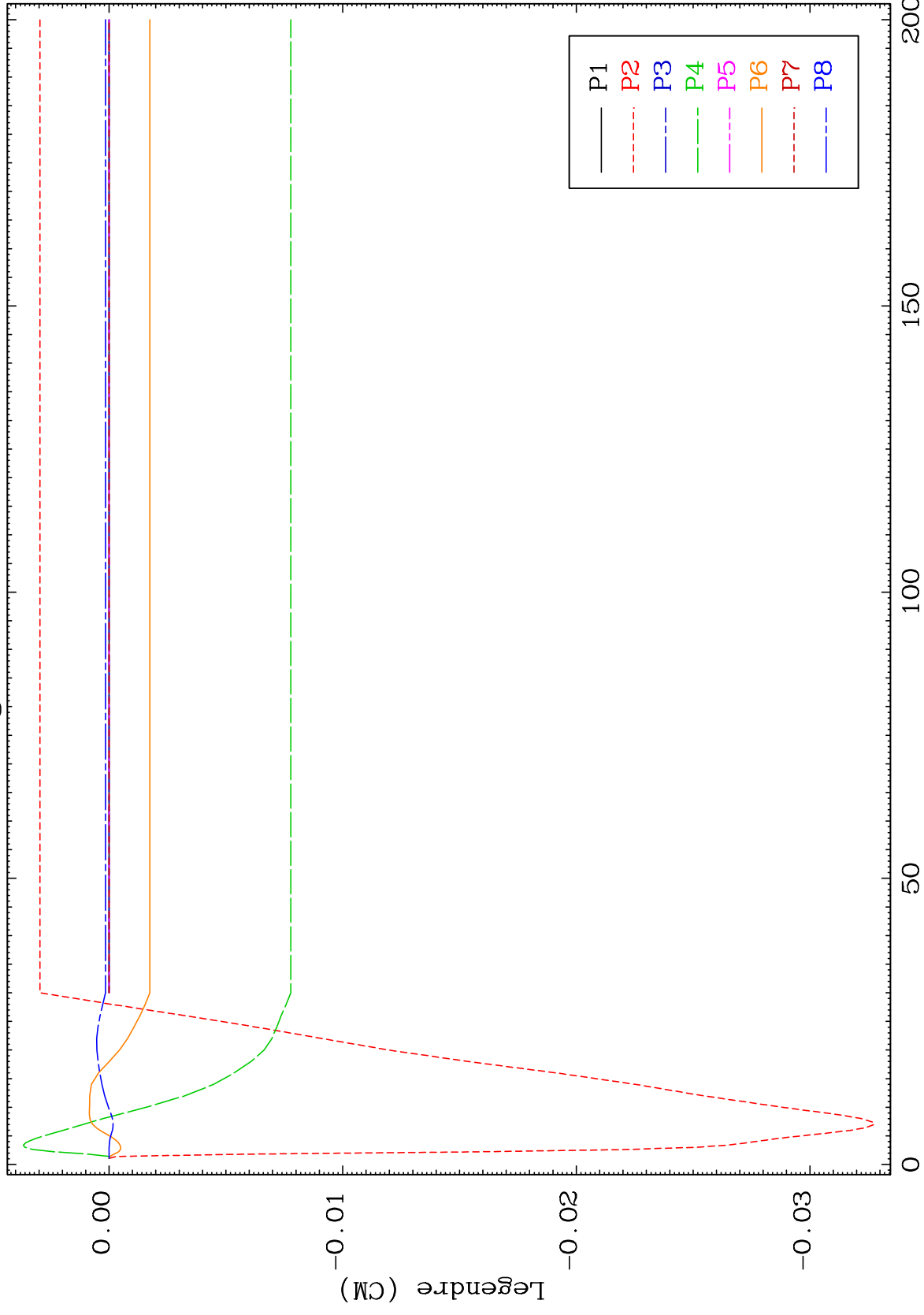




MAT 4310

1.048 MeV (n,n') Level
Legendre Coefficients

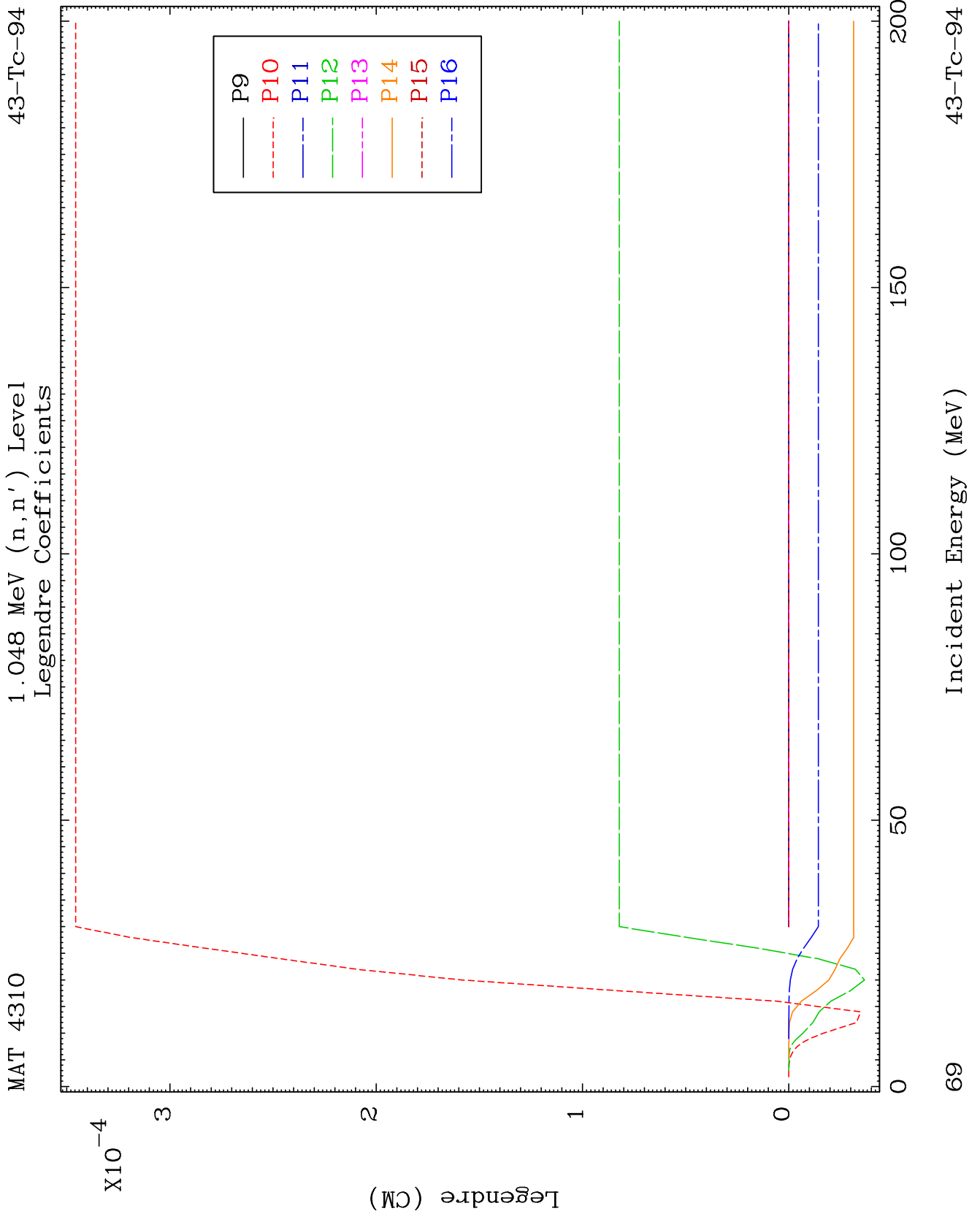
43-Tc-94



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Incident Energy (MeV)

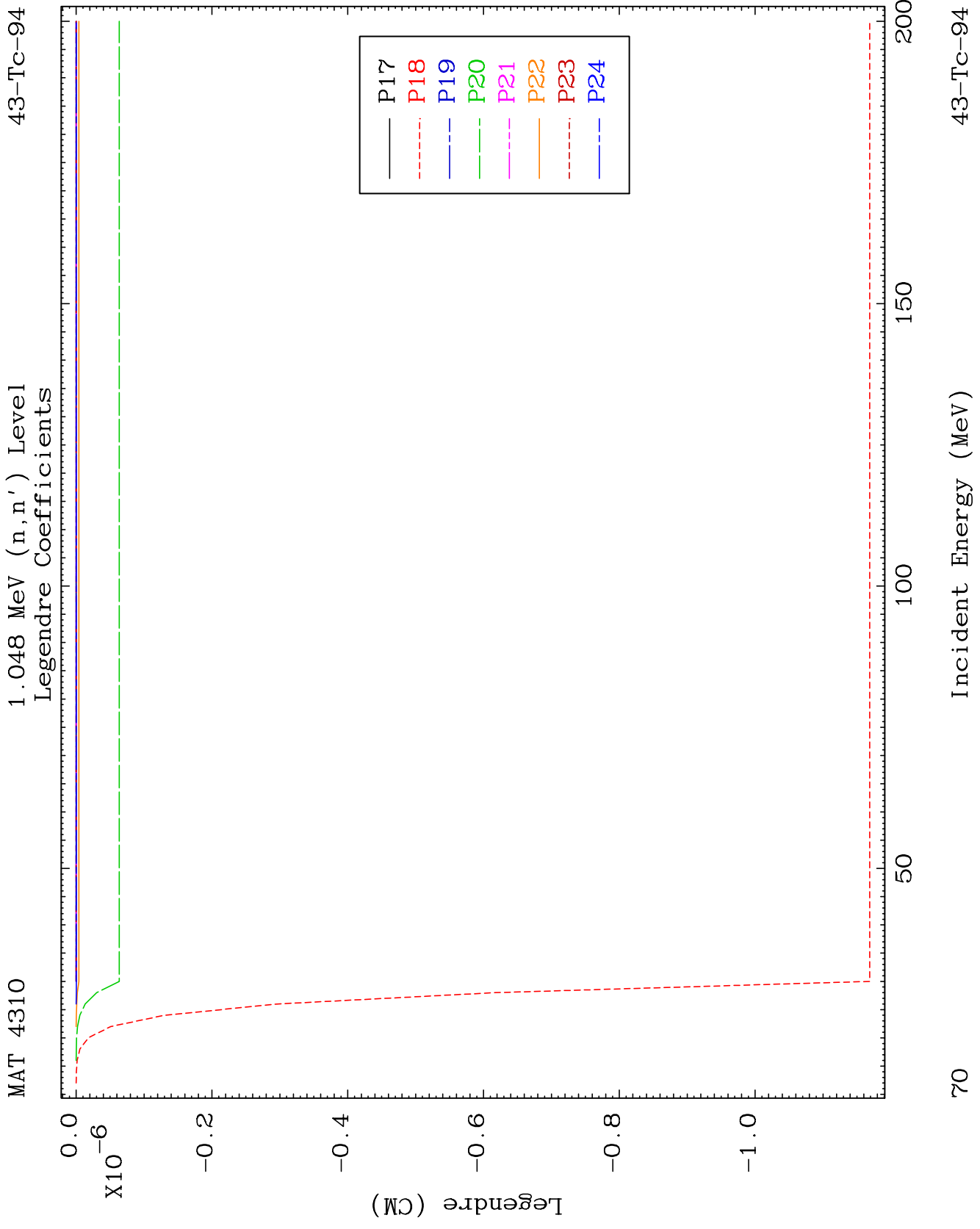
43-Tc-94



43-Tc-94

Incident Energy (MeV)

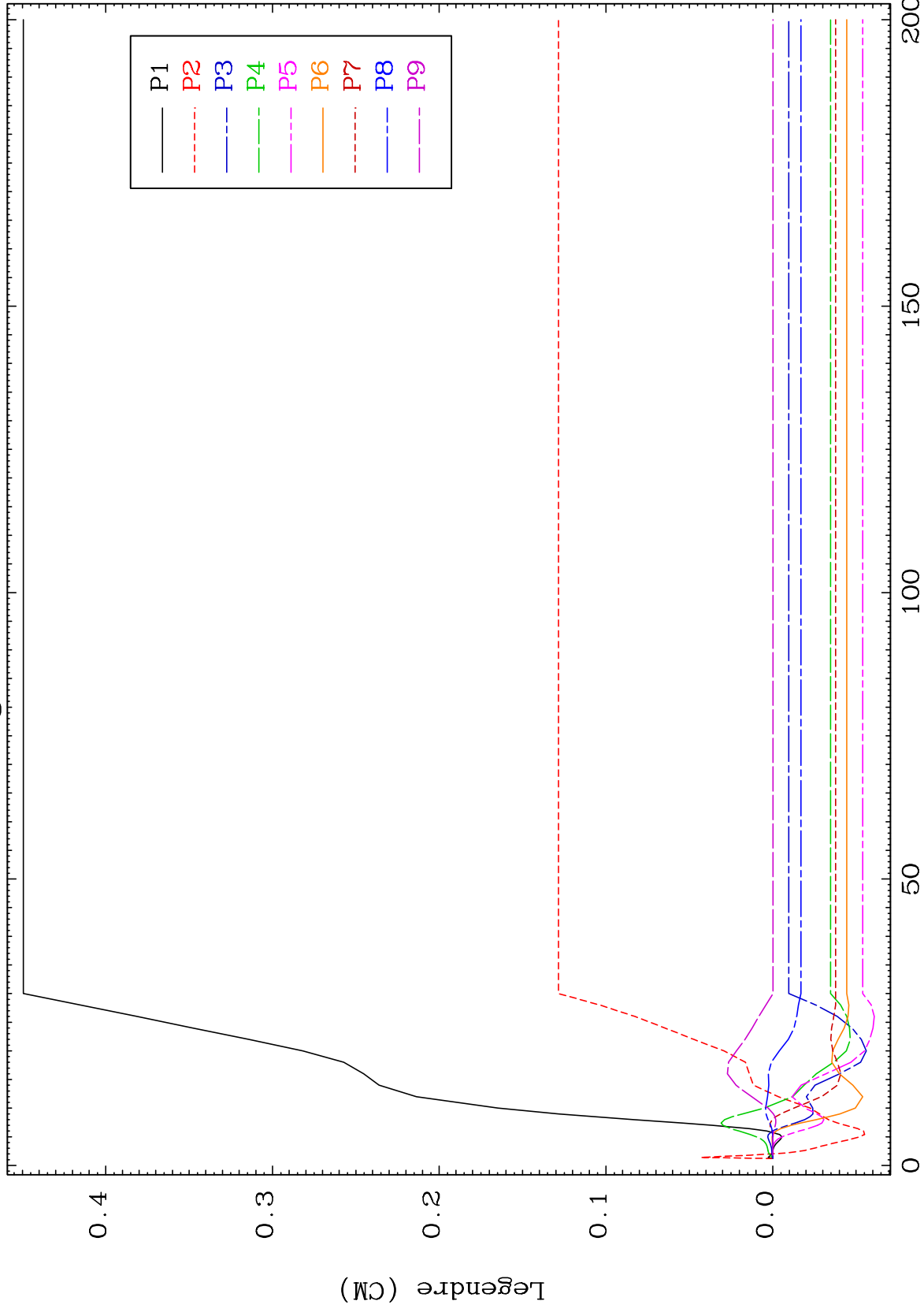
69



MAT 4310

1.181 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



71

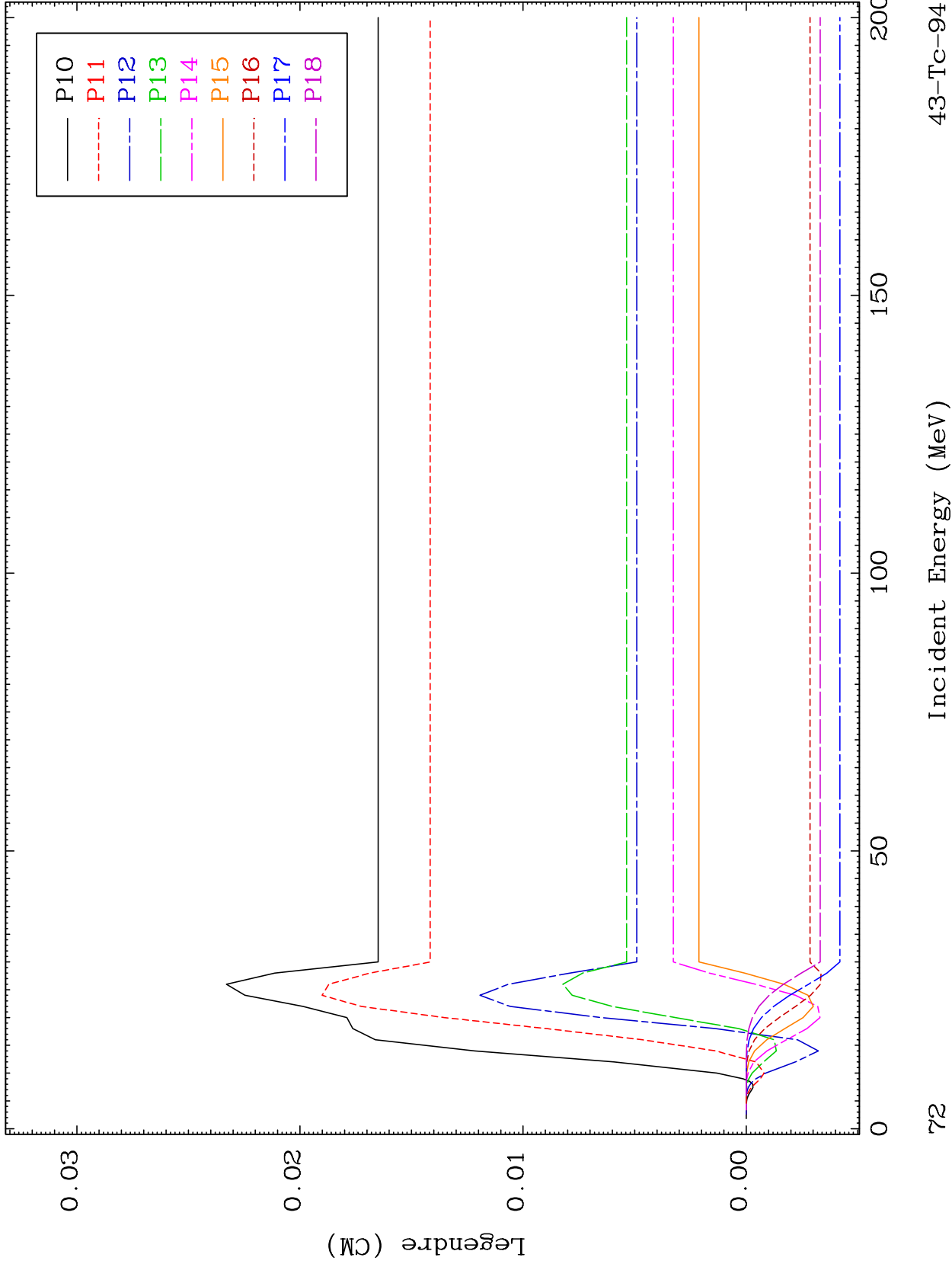
Incident Energy (MeV)

43-Tc-94

MAT 4310

1.181 MeV (n,n') Level
Legendre Coefficients

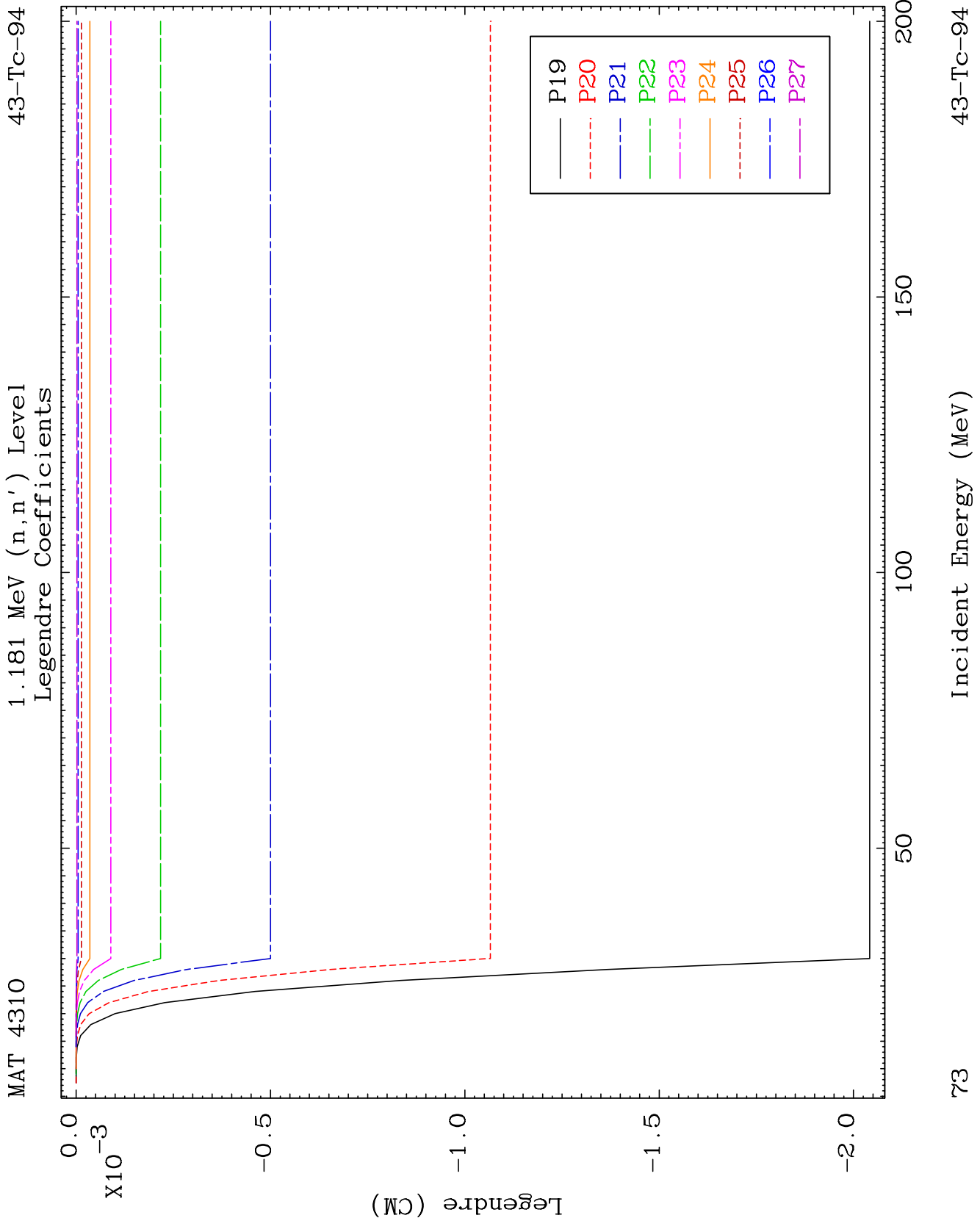
43-Tc-94

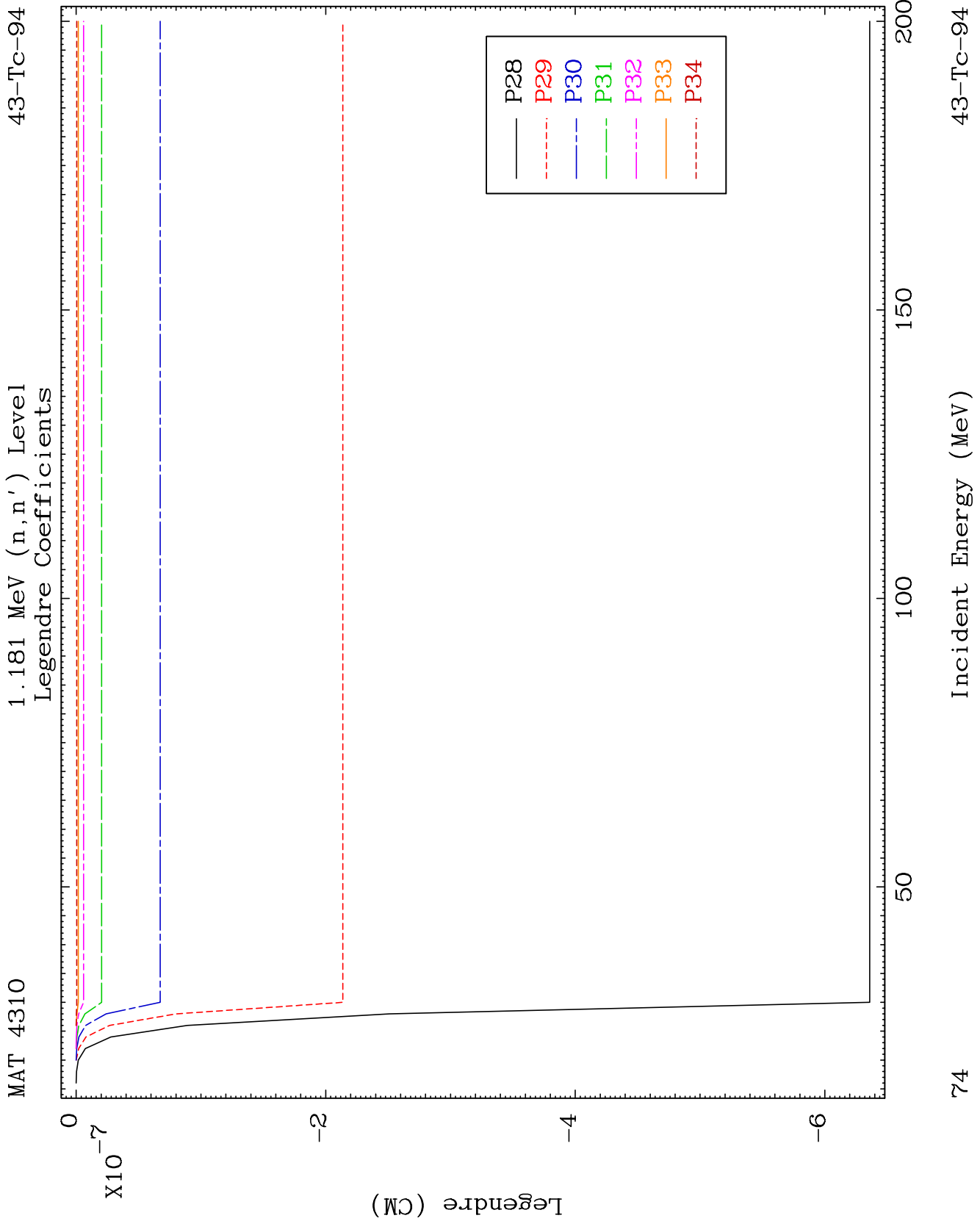


72

Incident Energy (MeV)

43-Tc-94

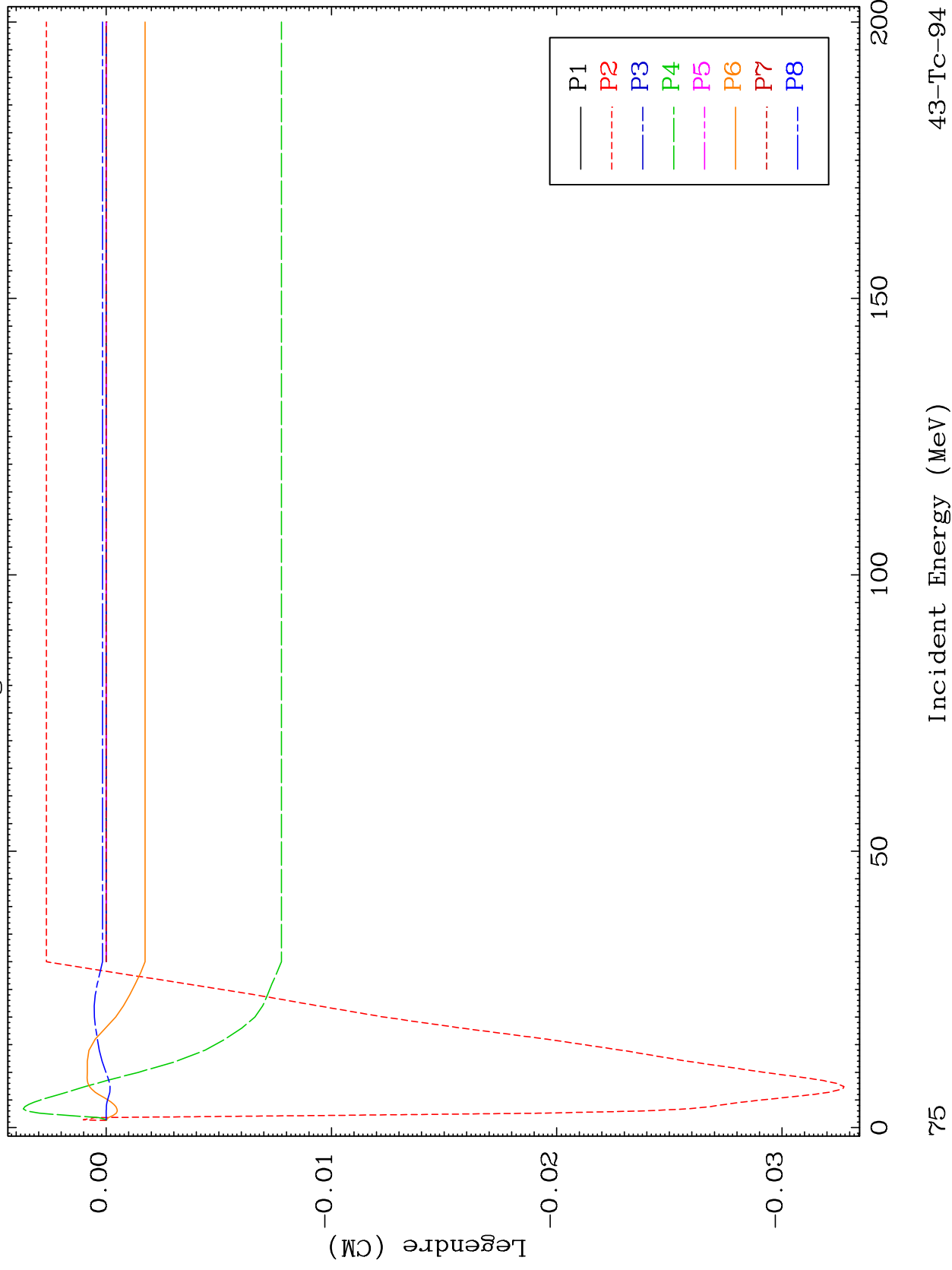




MAT 4310

1.267 MeV (n,n') Level
Legendre Coefficients

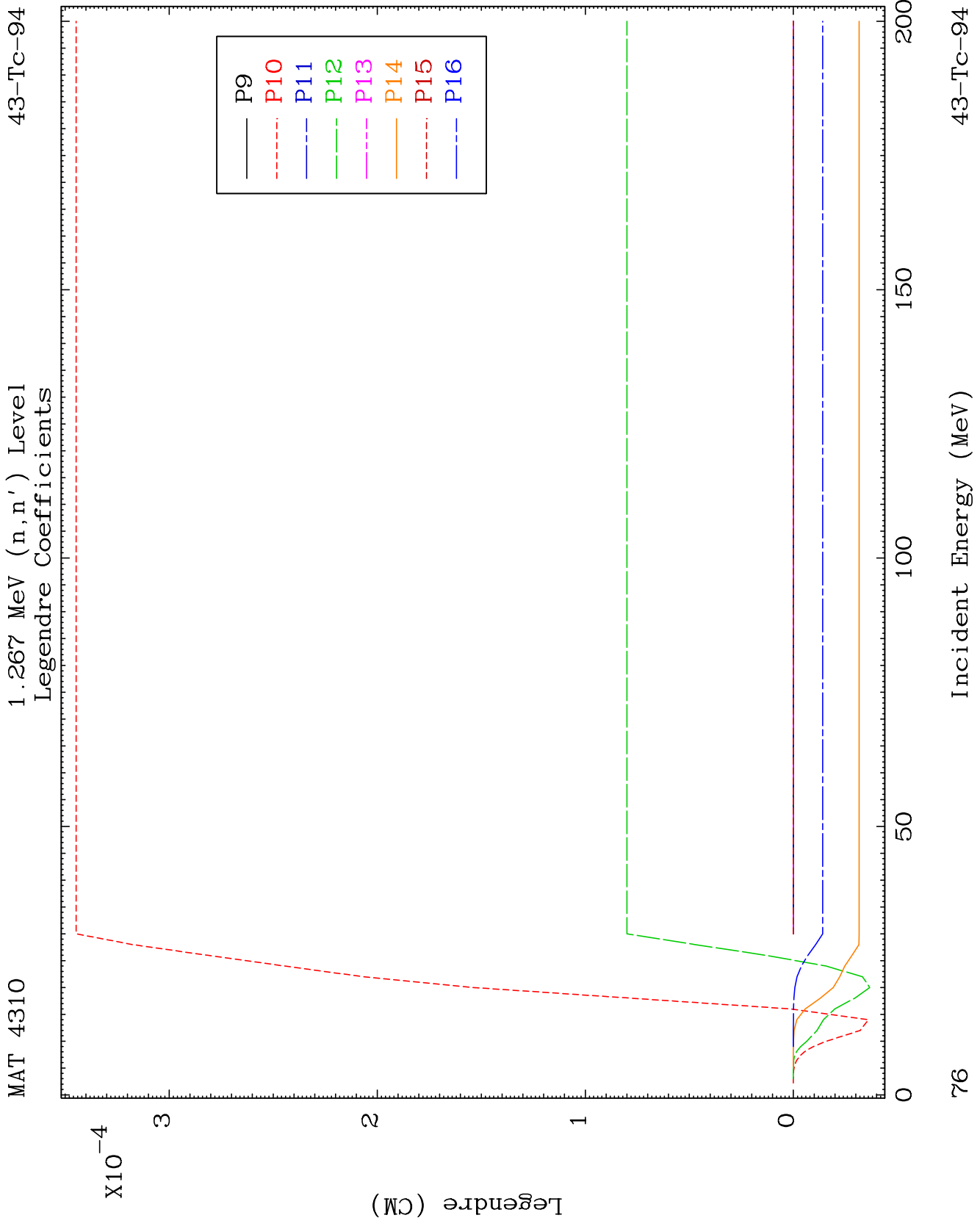
43-Tc-94

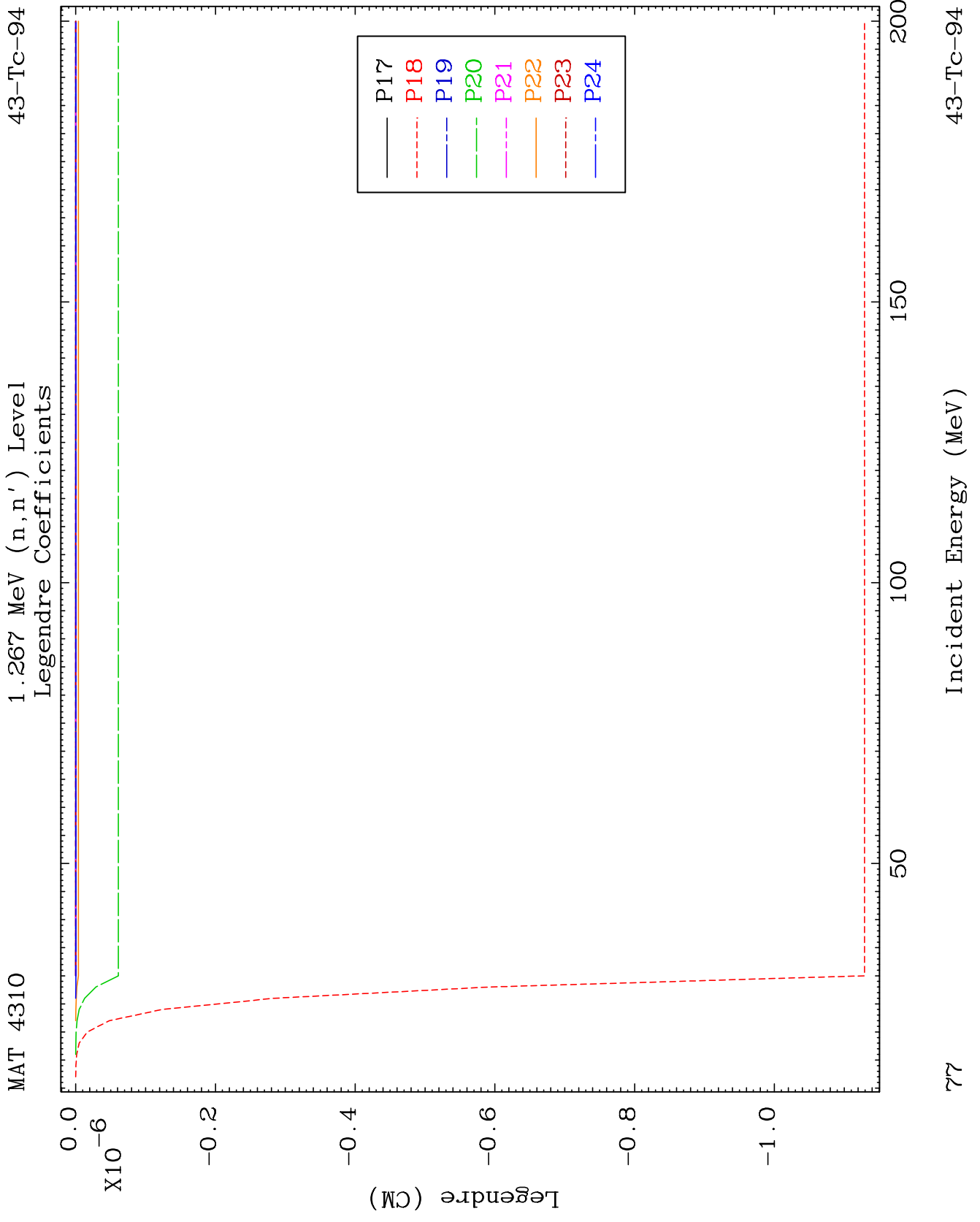


43-Tc-94

Incident Energy (MeV)

75

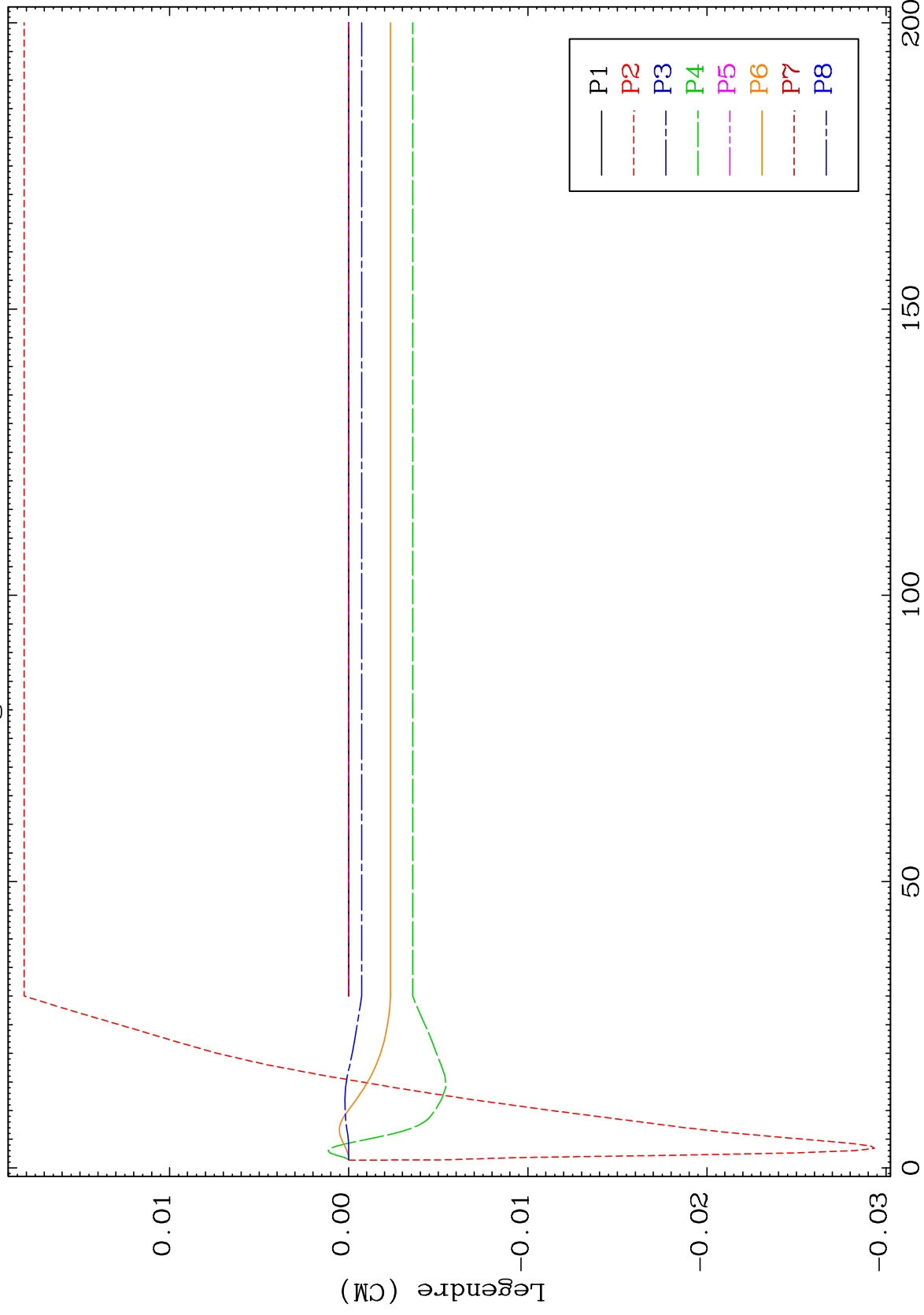




MAT 4310

1.317 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



78

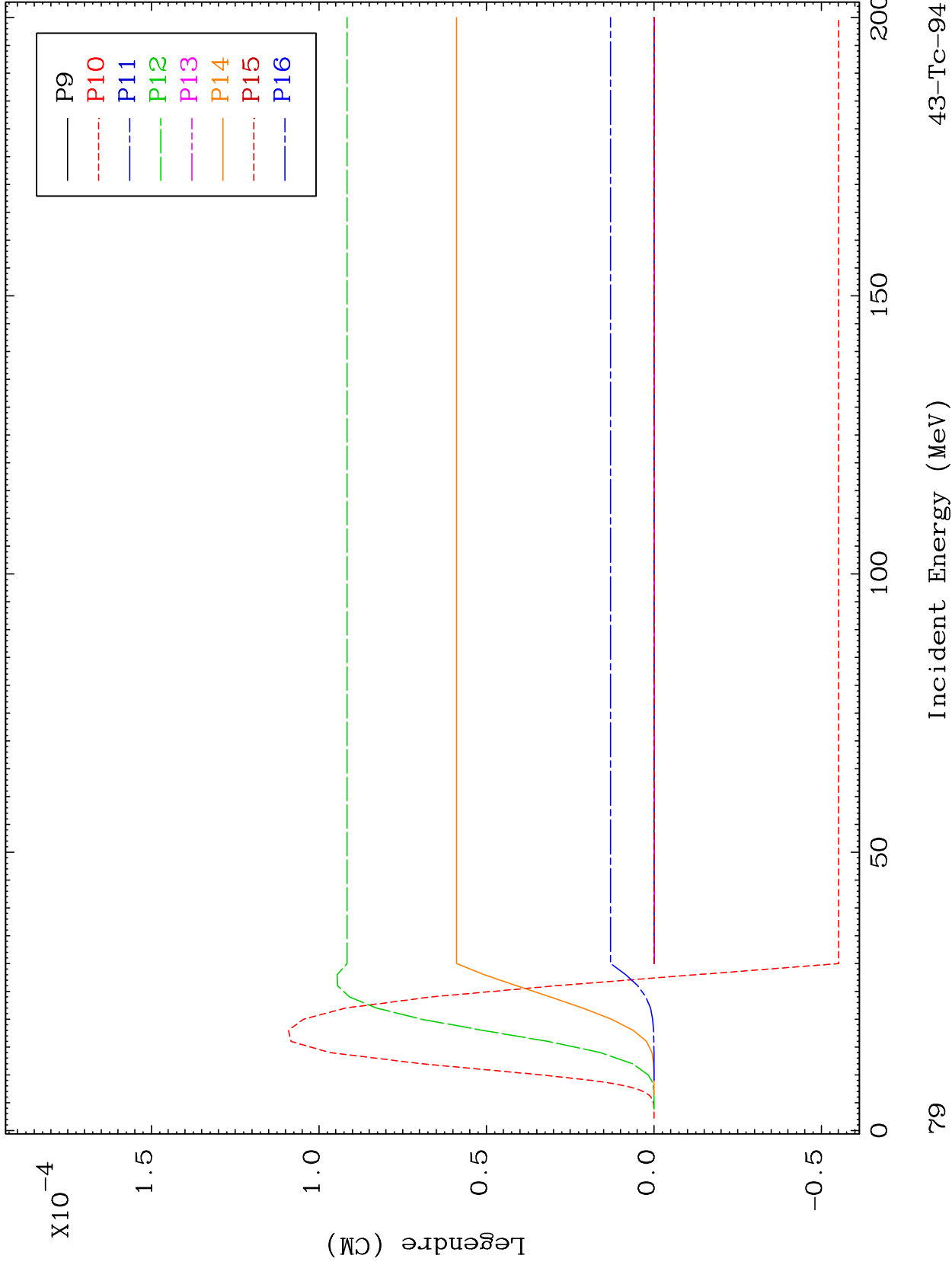
Incident Energy (MeV)

43-Tc-94

MAT 4310

1.317 MeV (n,n') Level
Legendre Coefficients

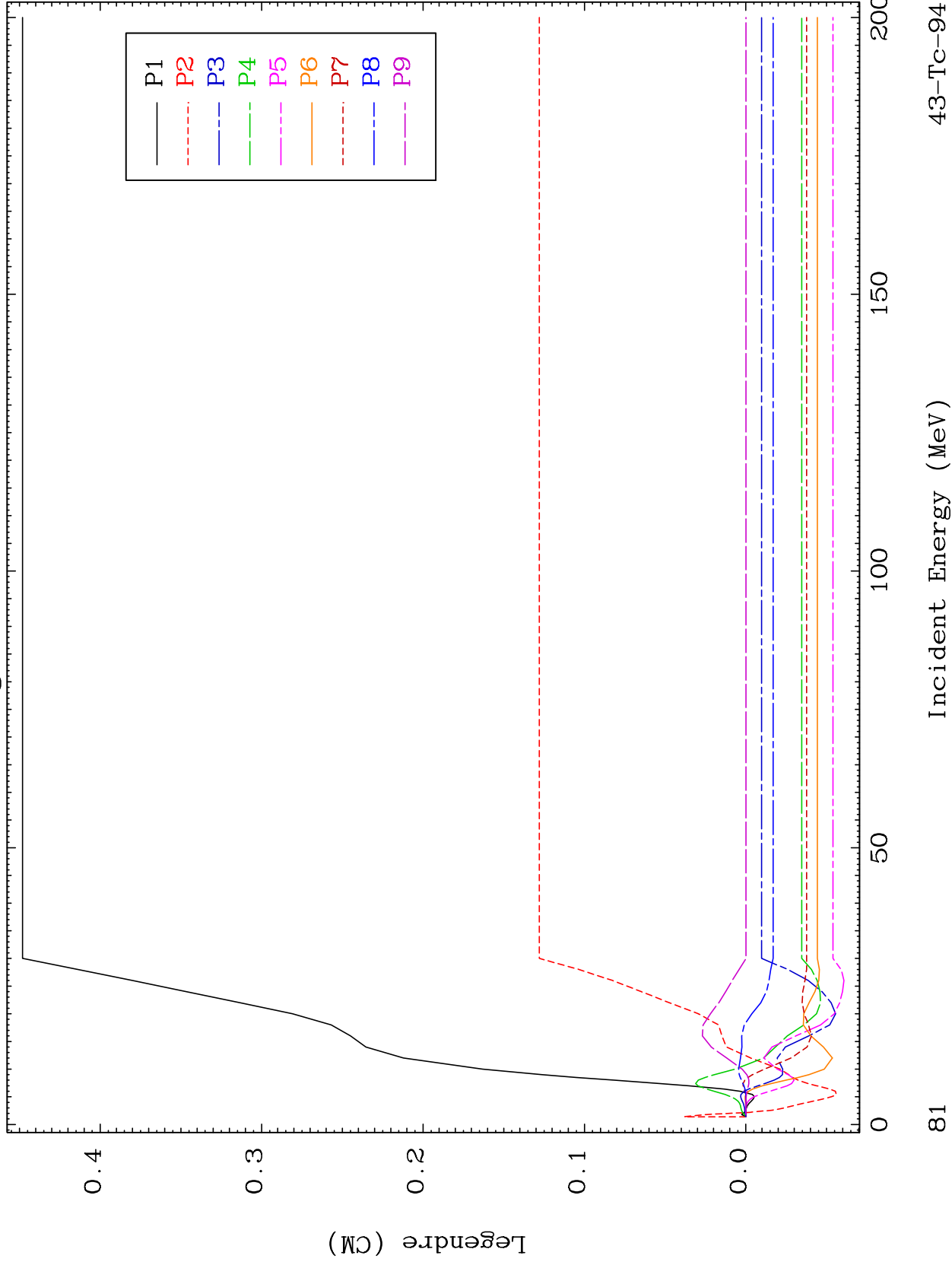
43-Tc-94



MAT 4310

1.355 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



81

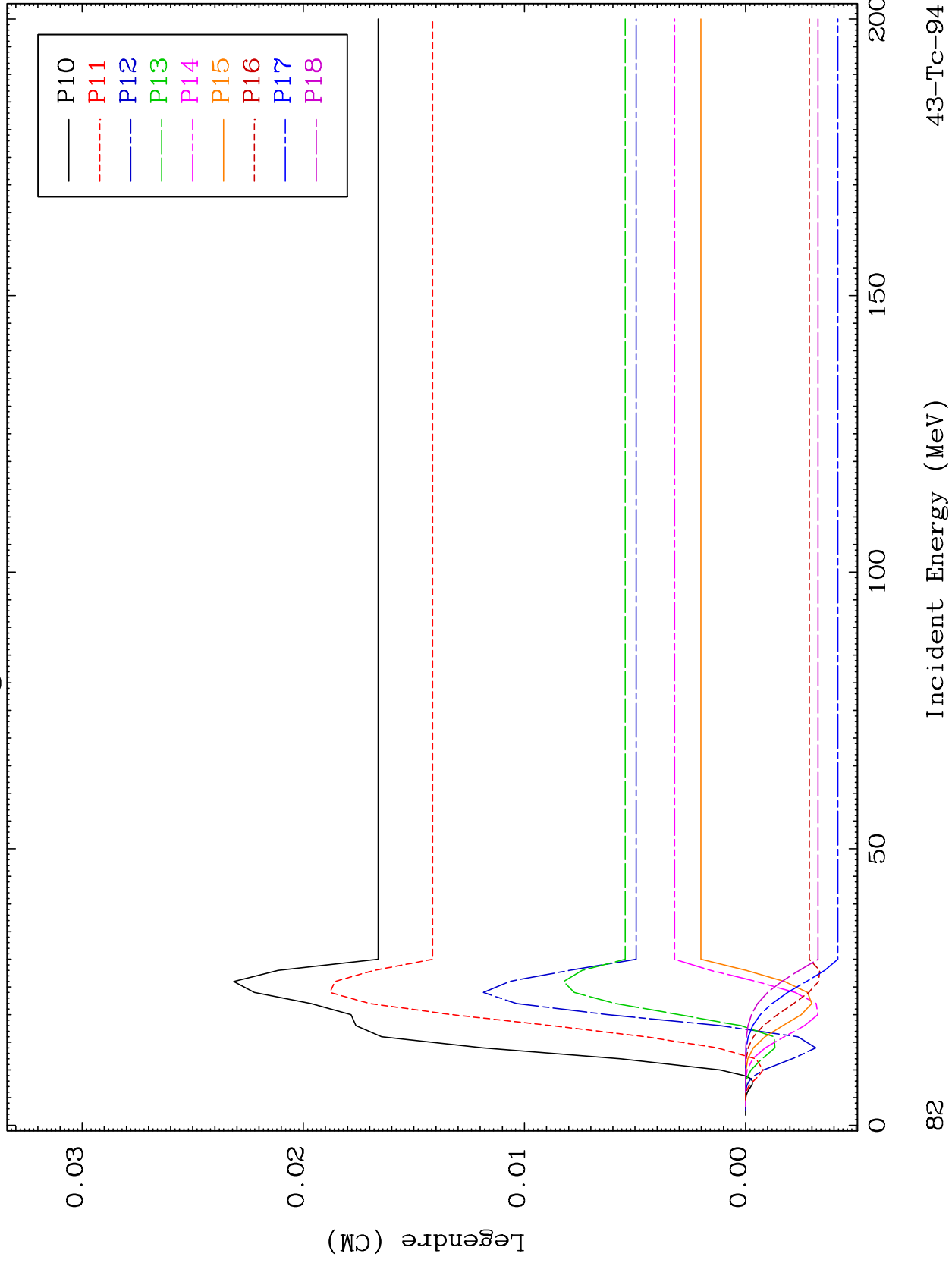
Incident Energy (MeV)

43-Tc-94

MAT 4310

1.355 MeV (n,n') Level
Legendre Coefficients

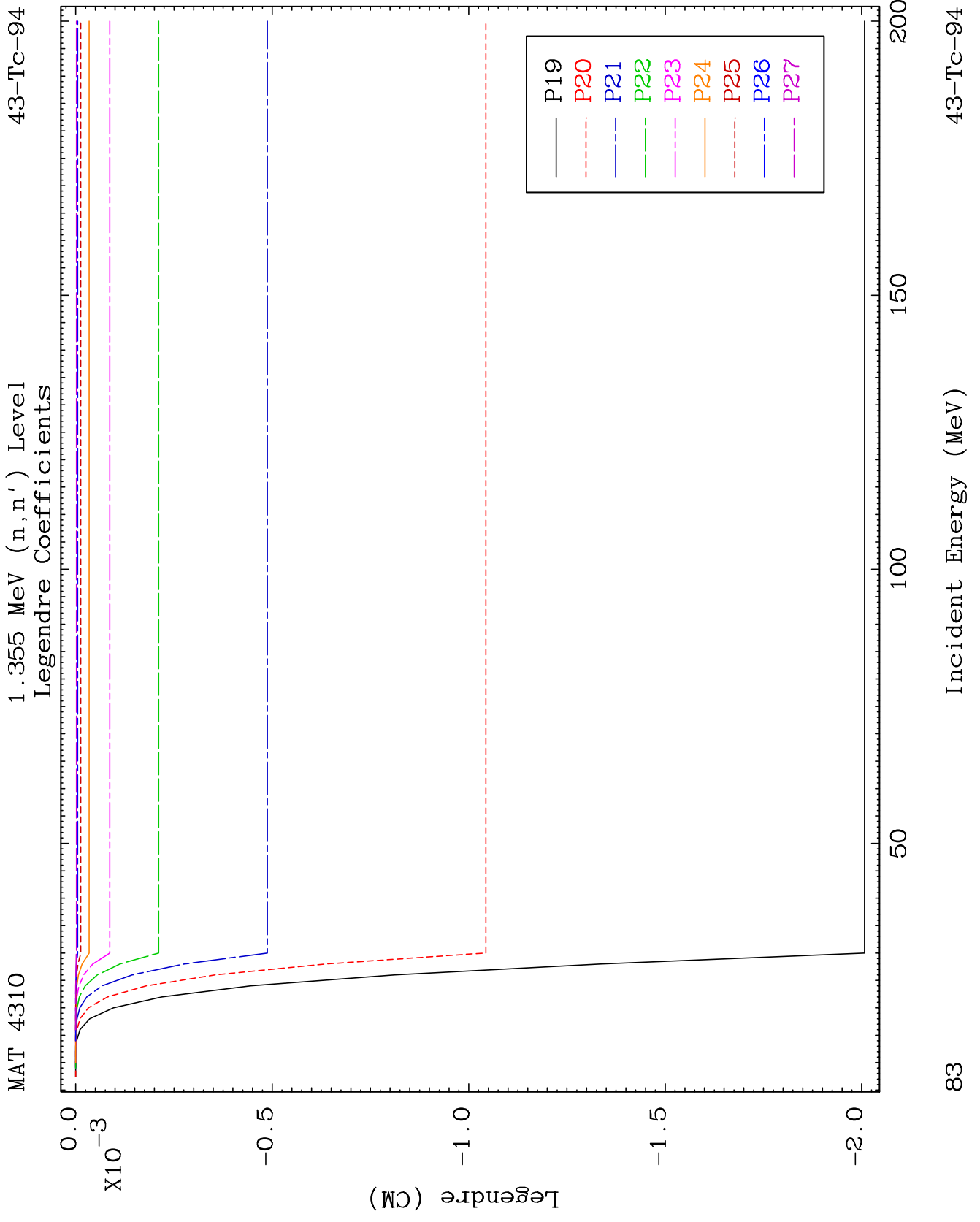
43-Tc-94

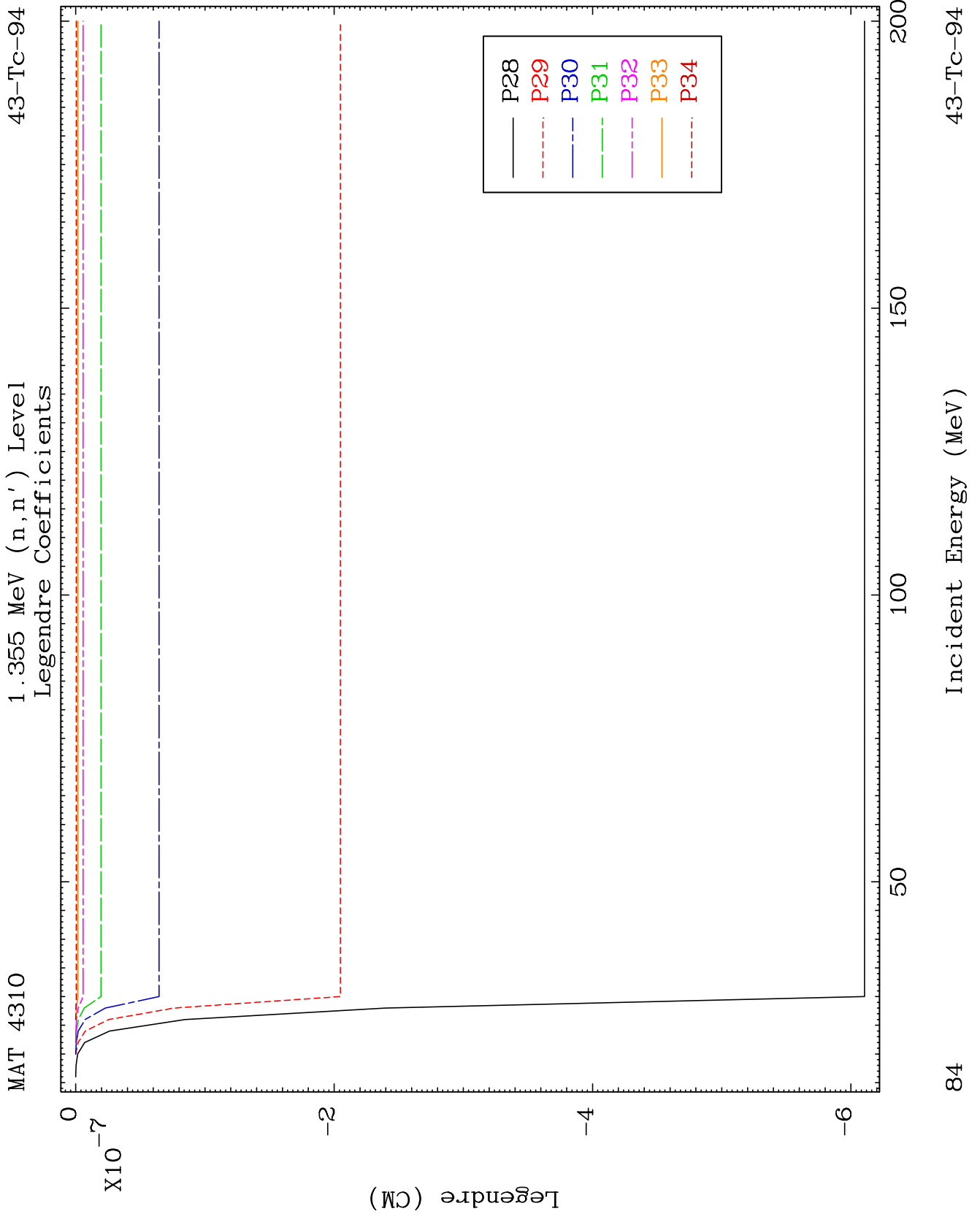


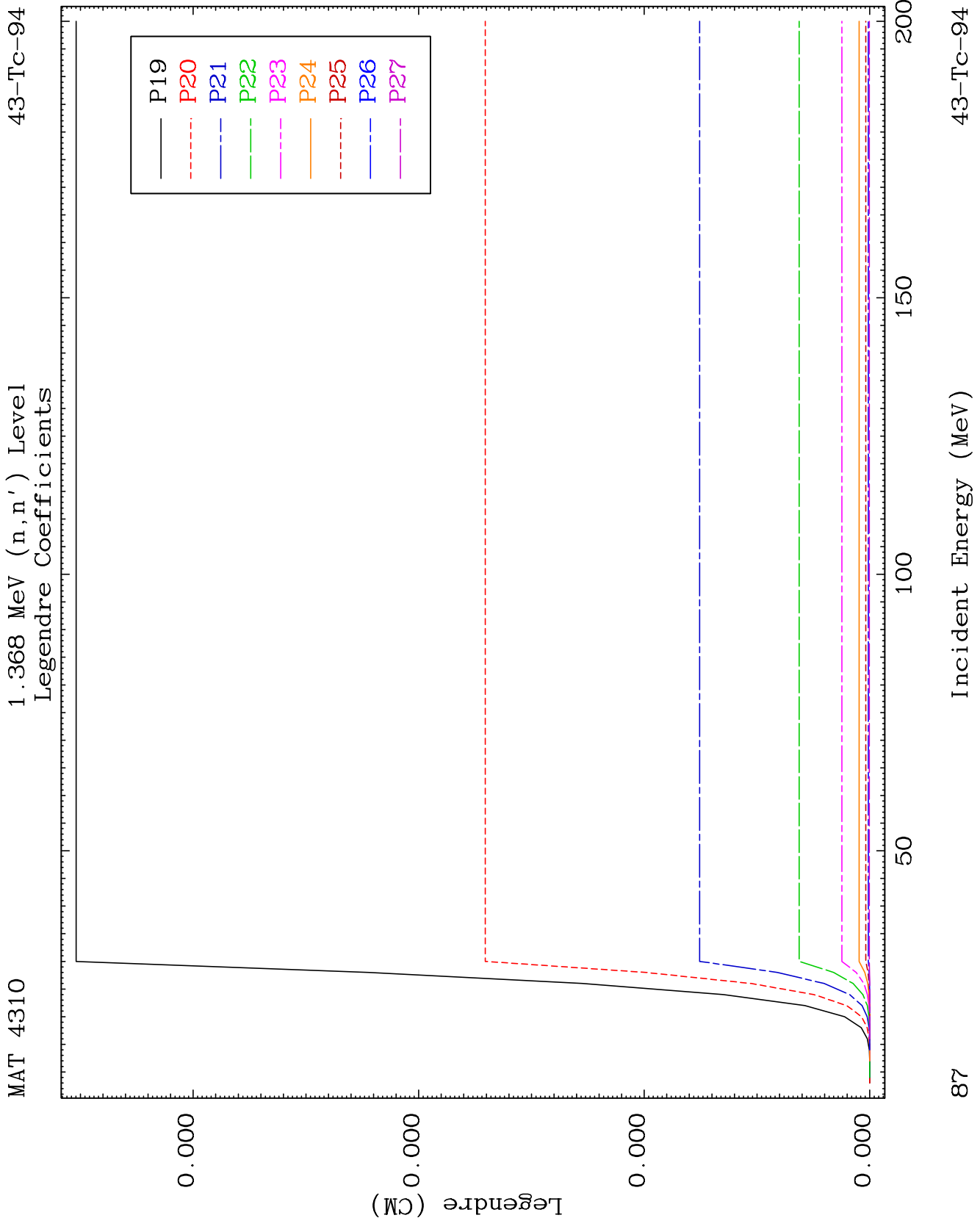
82

Incident Energy (MeV)

43-Tc-94



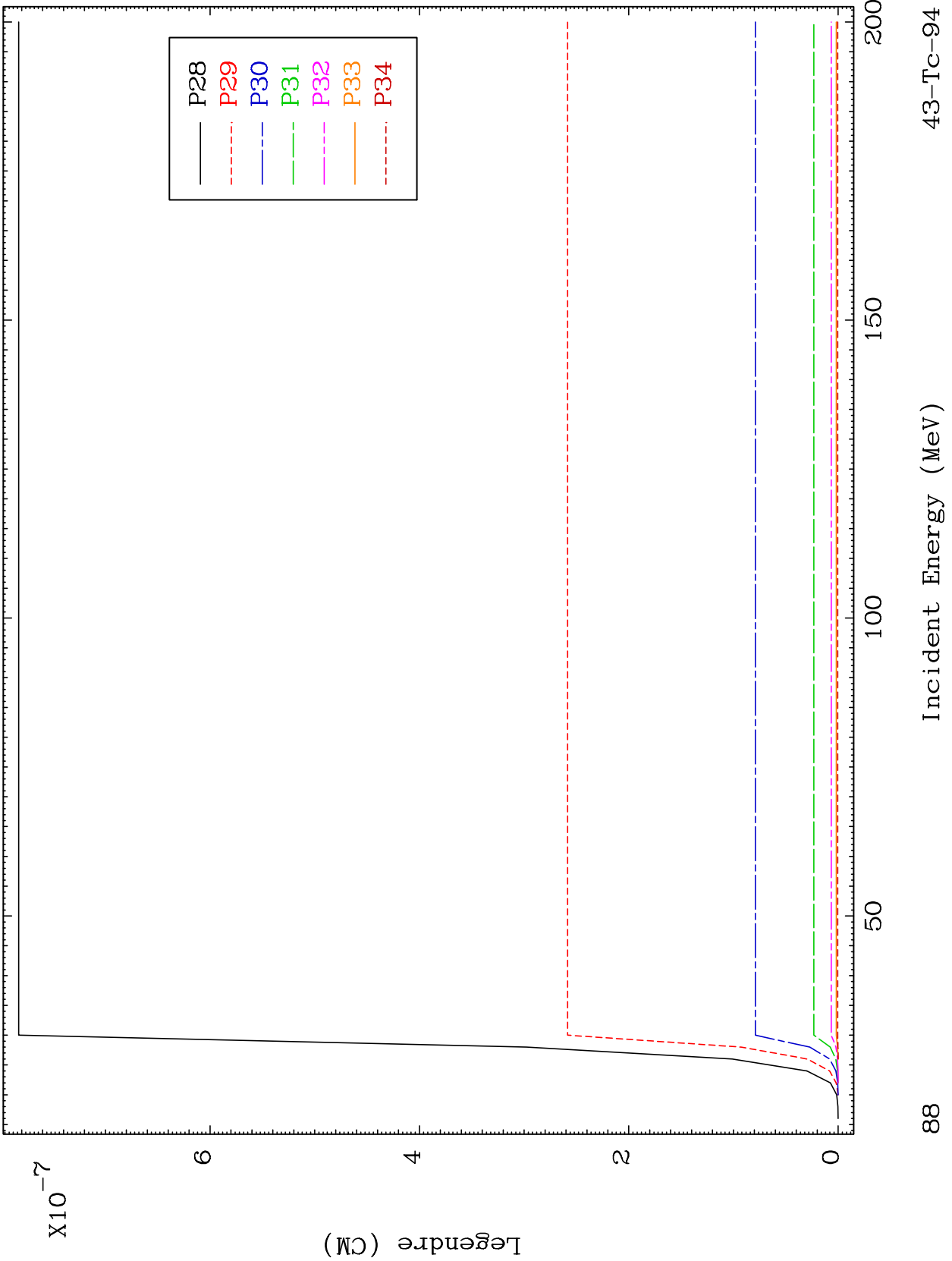


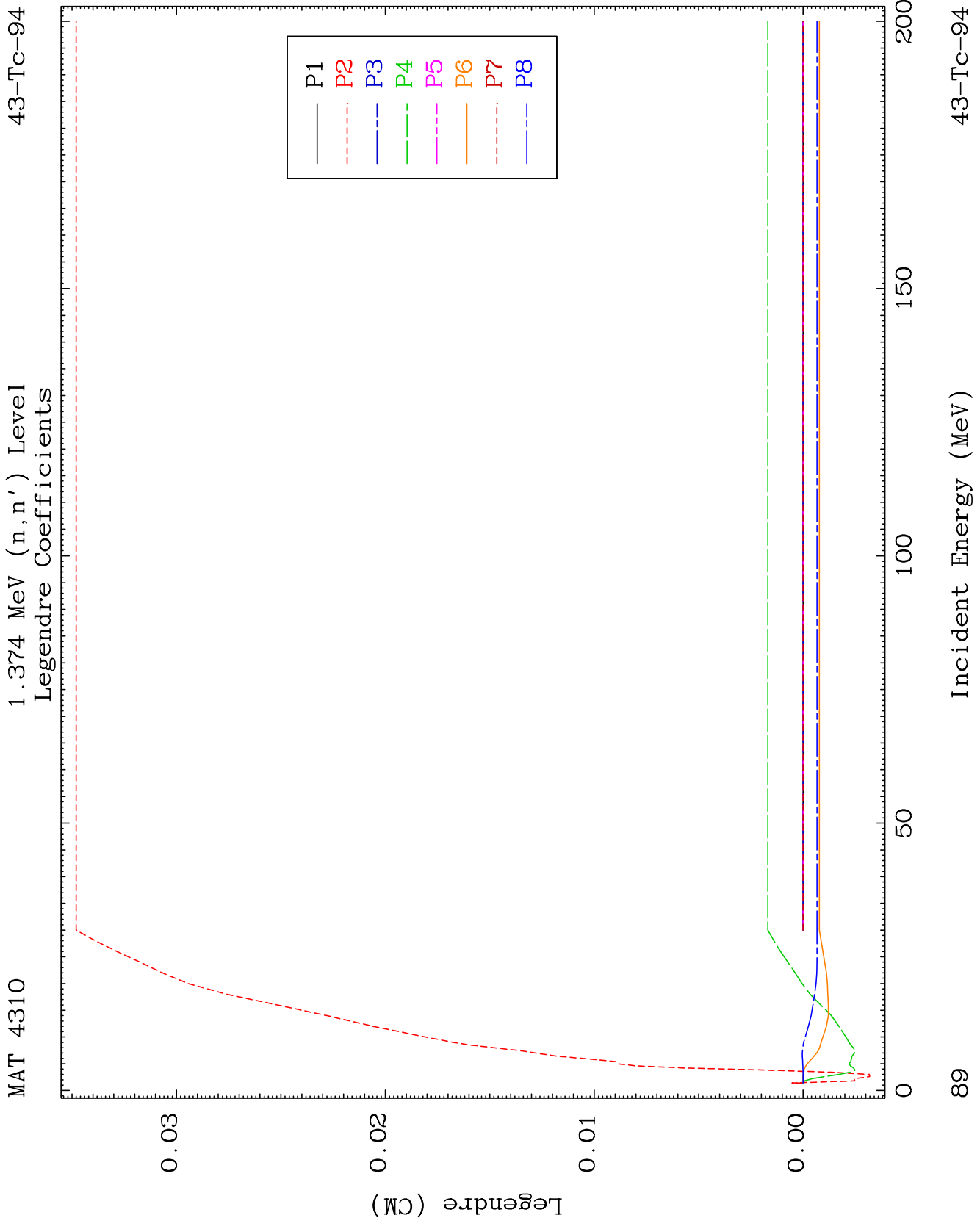


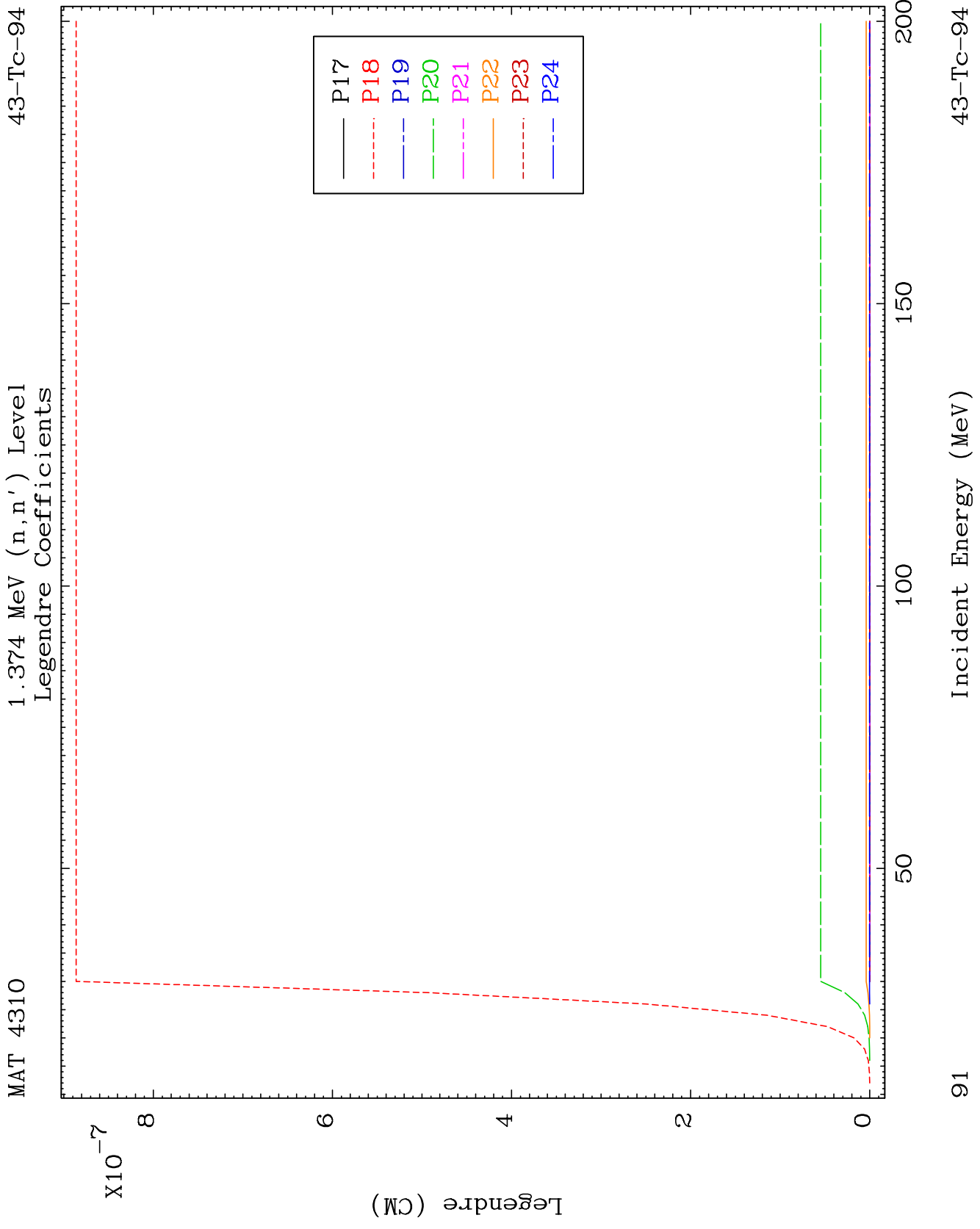
MAT 4310

1.368 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



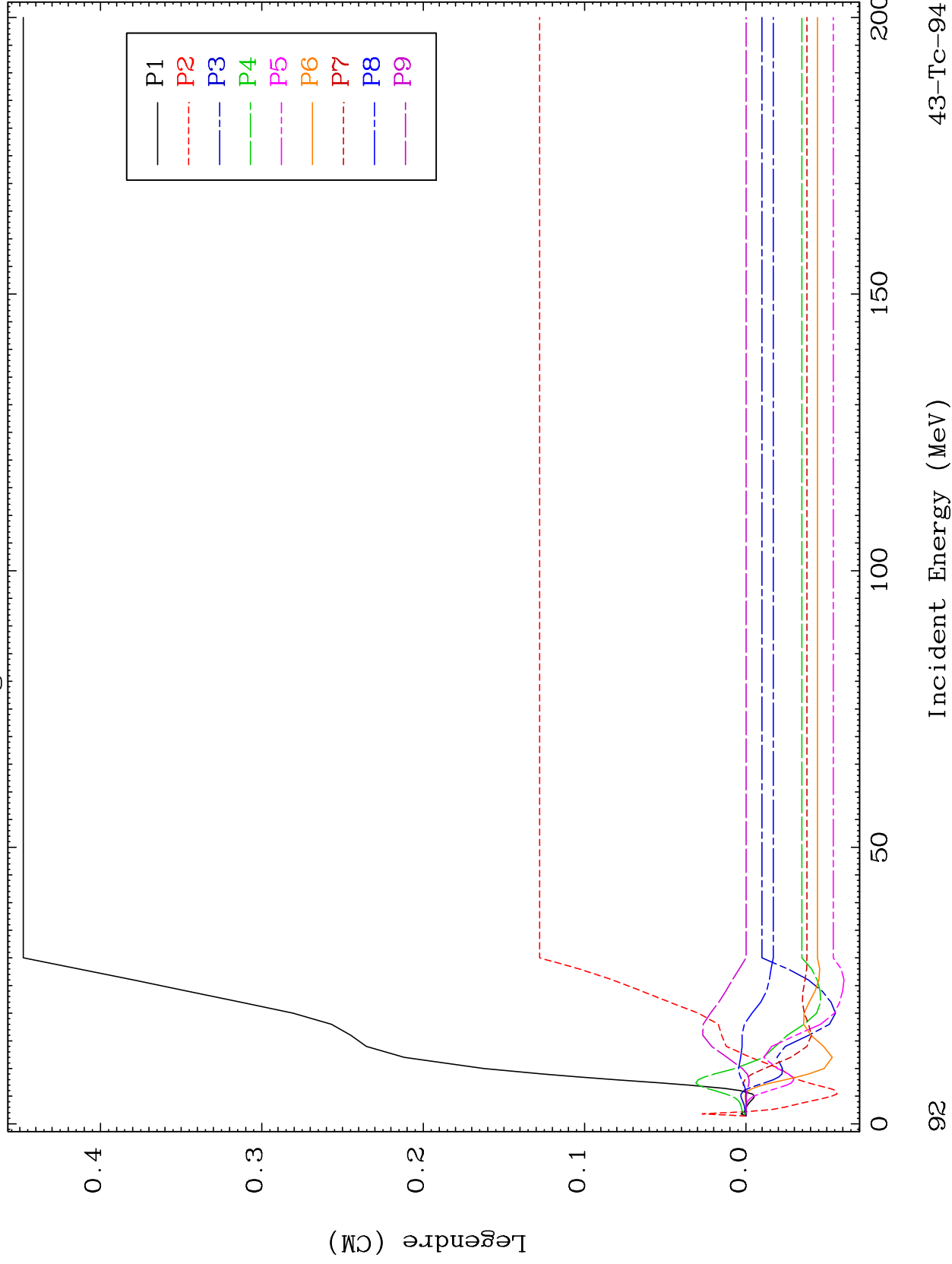




MAT 4310

1.397 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



43-Tc-94

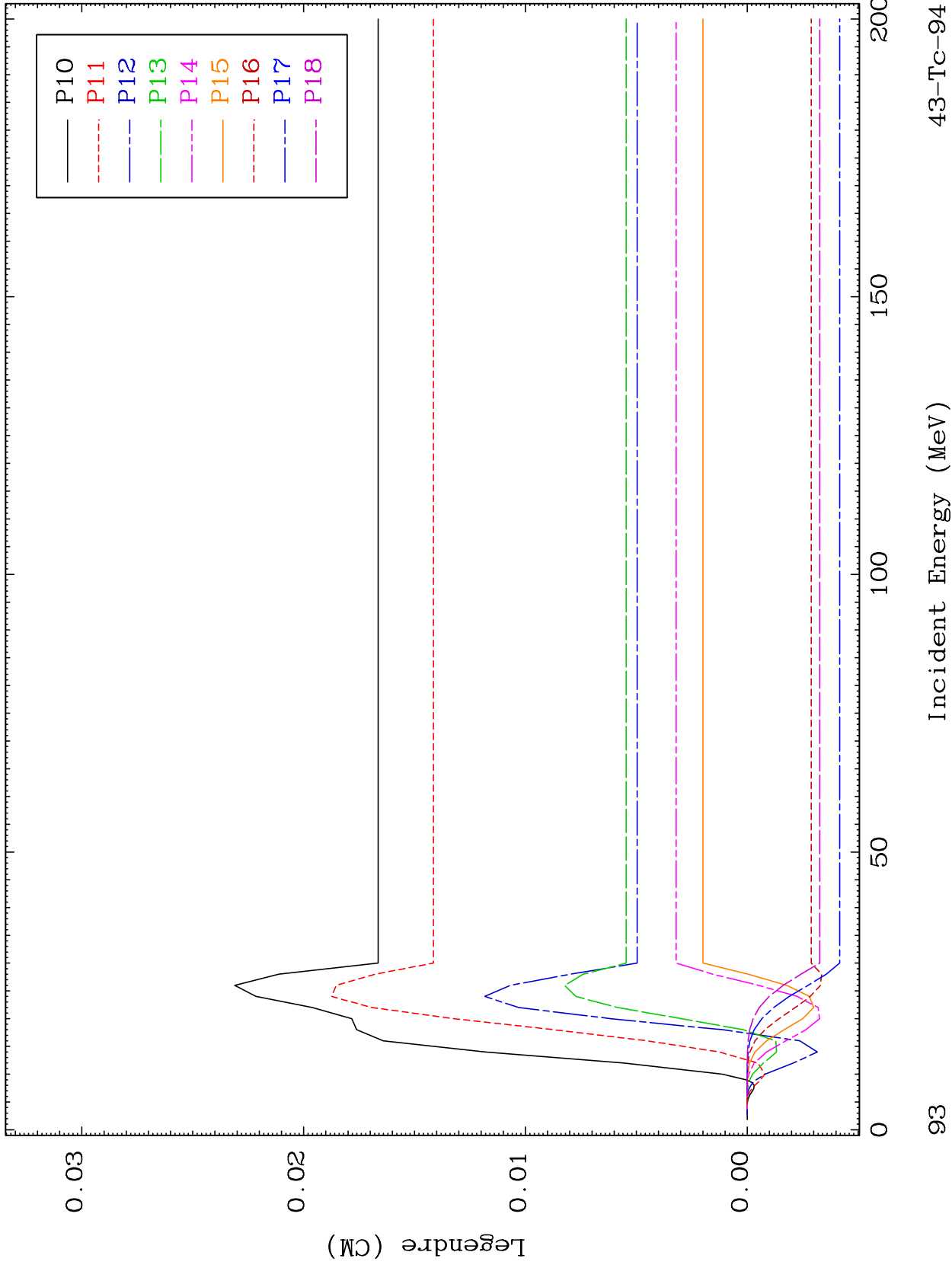
Incident Energy (MeV)

92

MAT 4310

1.397 MeV (n,n') Level
Legendre Coefficients

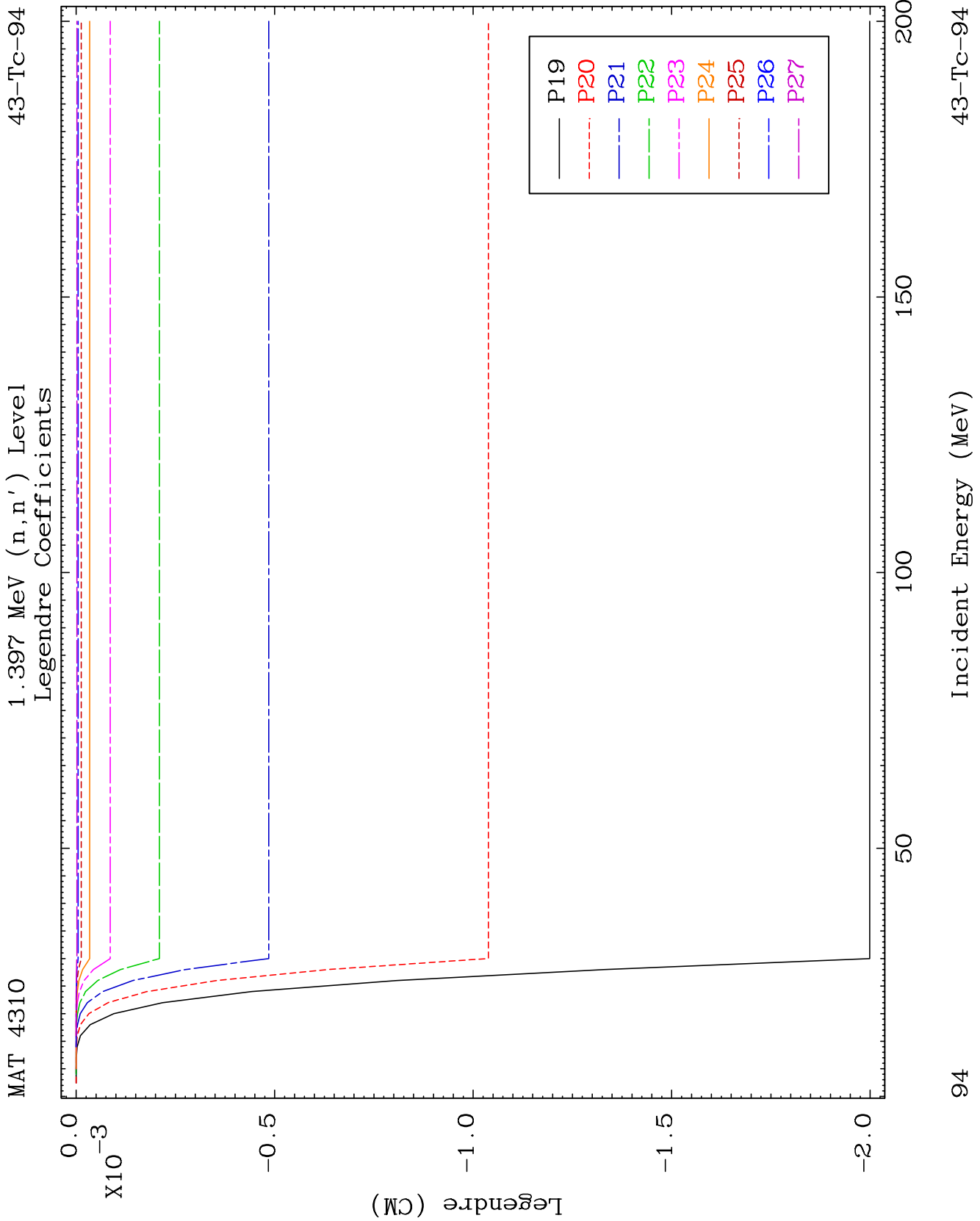
43-Tc-94

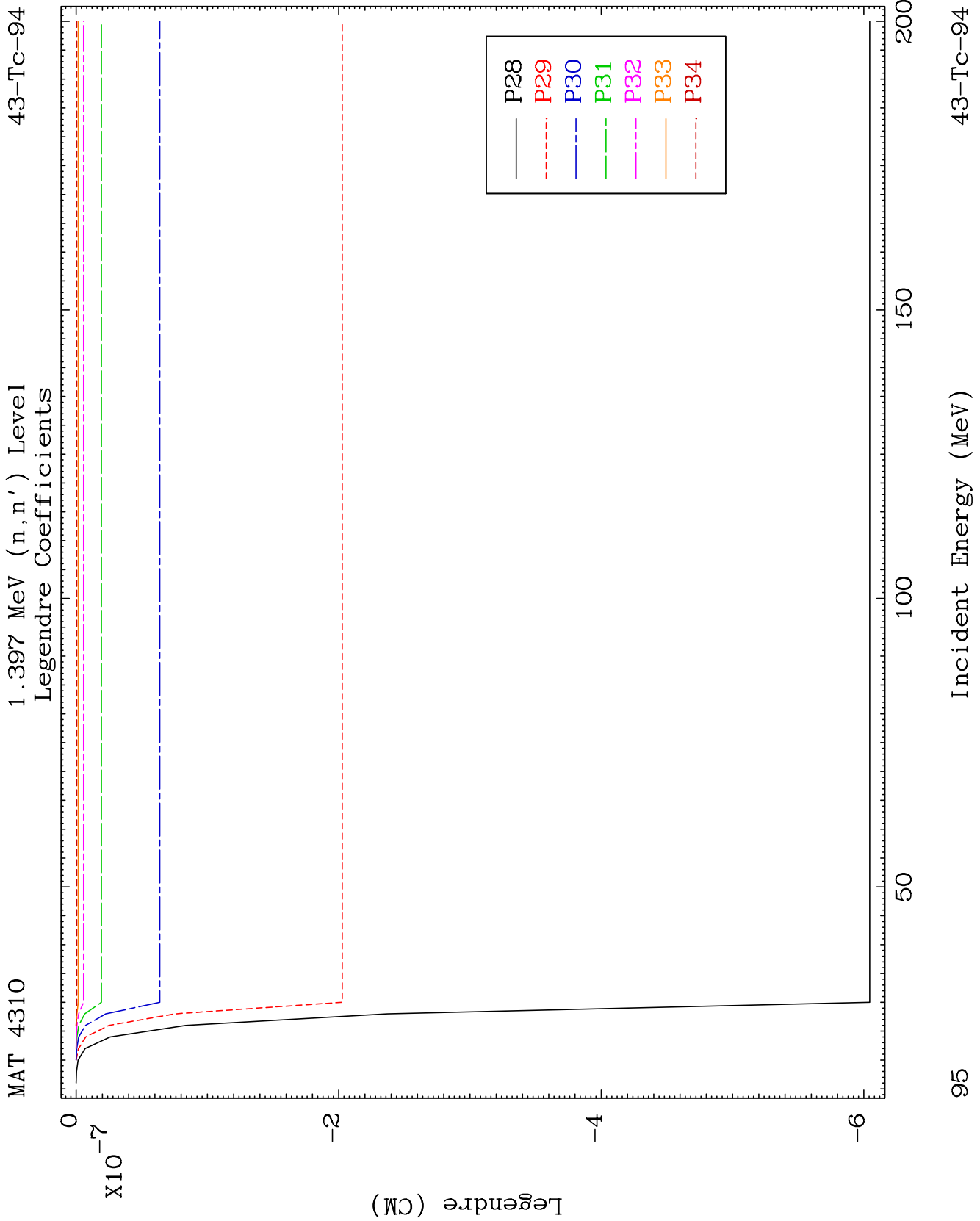


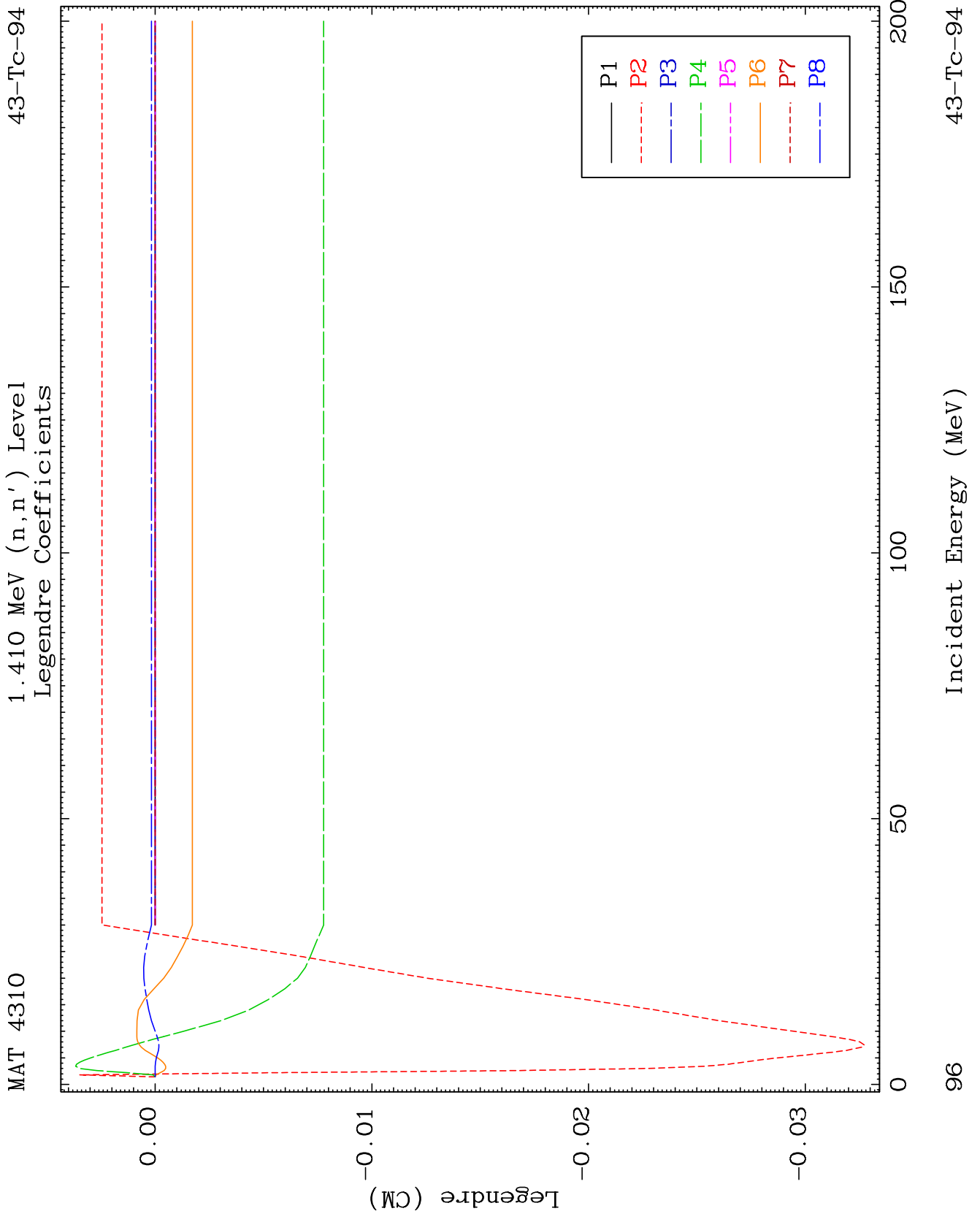
93

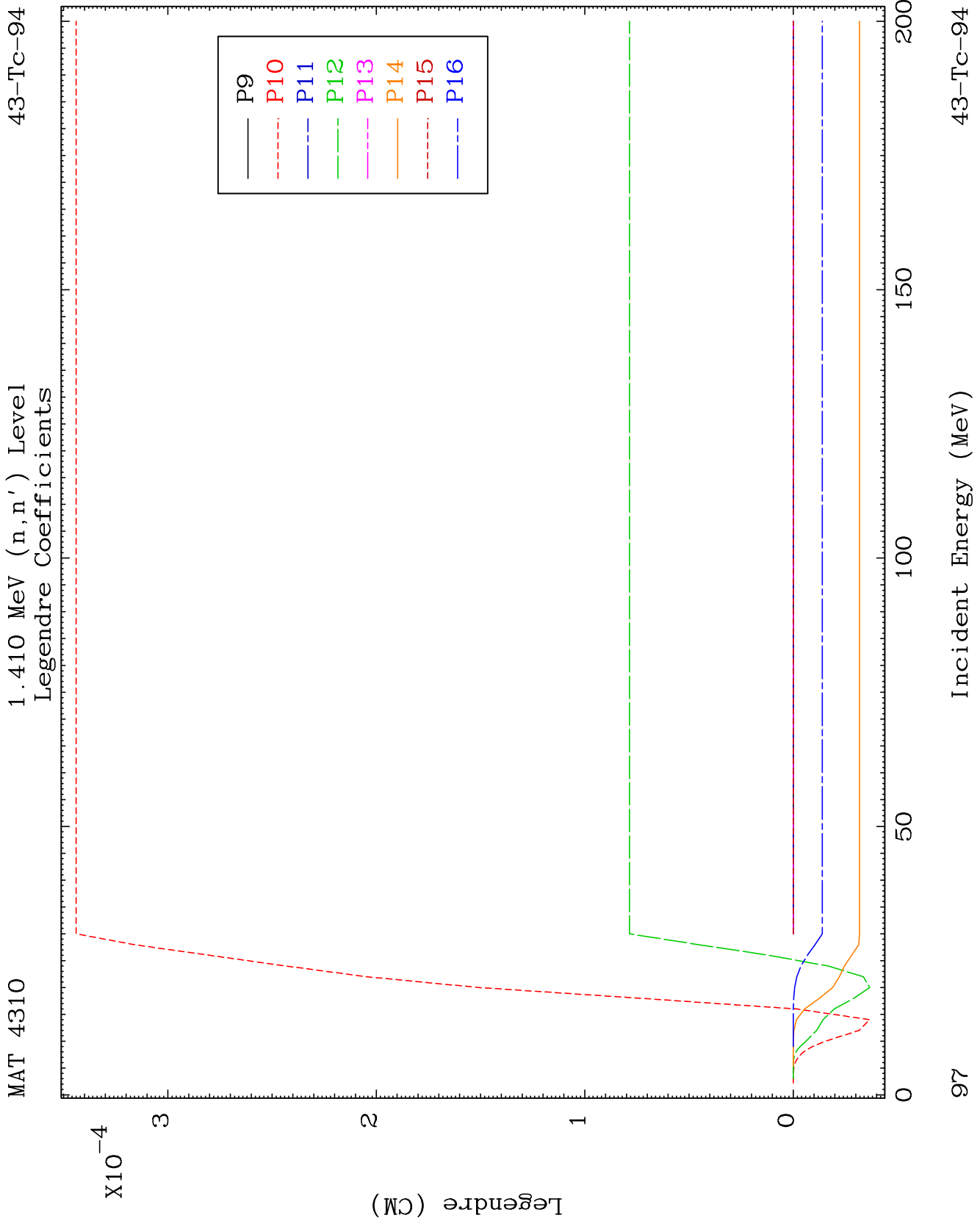
Incident Energy (MeV)

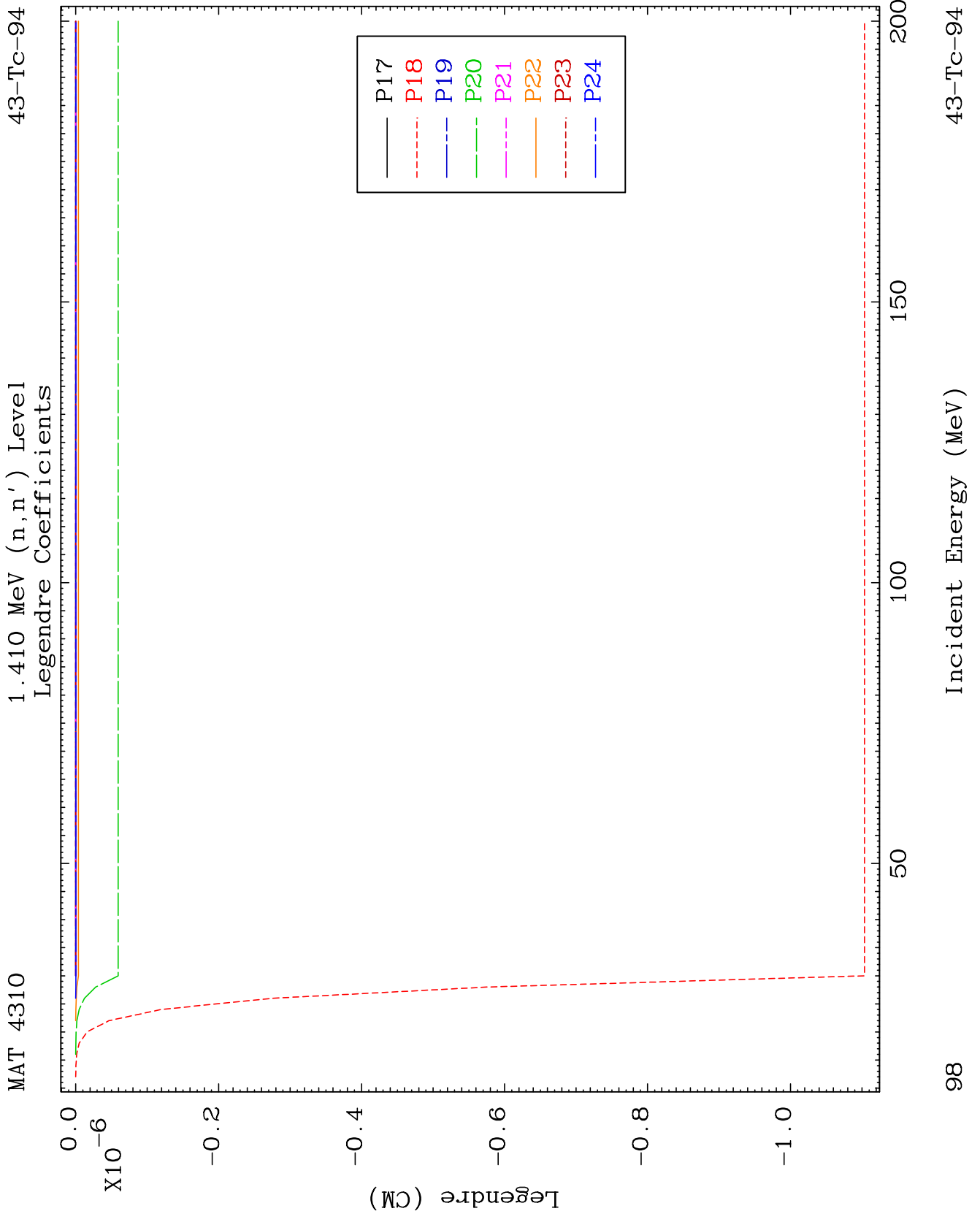
43-Tc-94

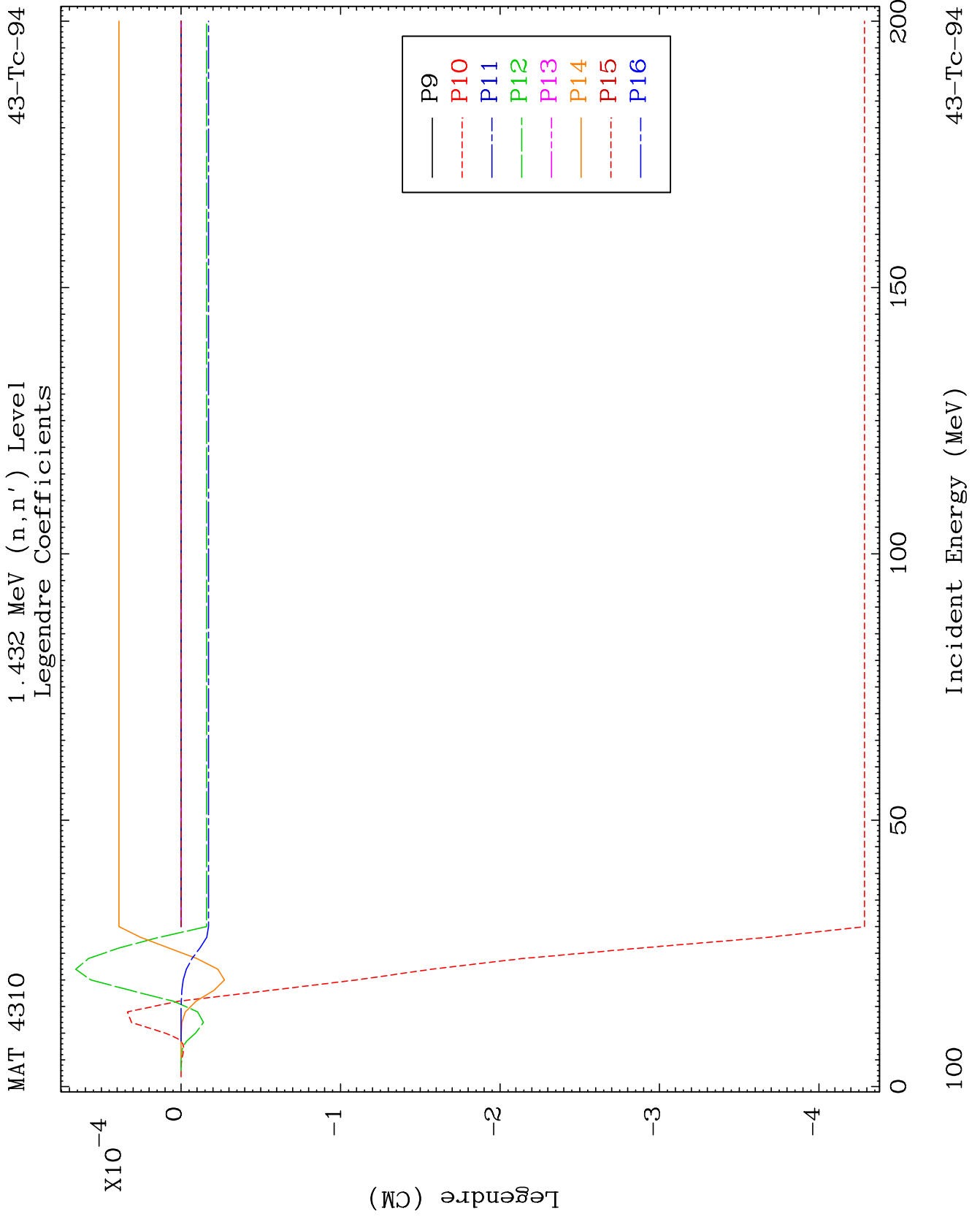


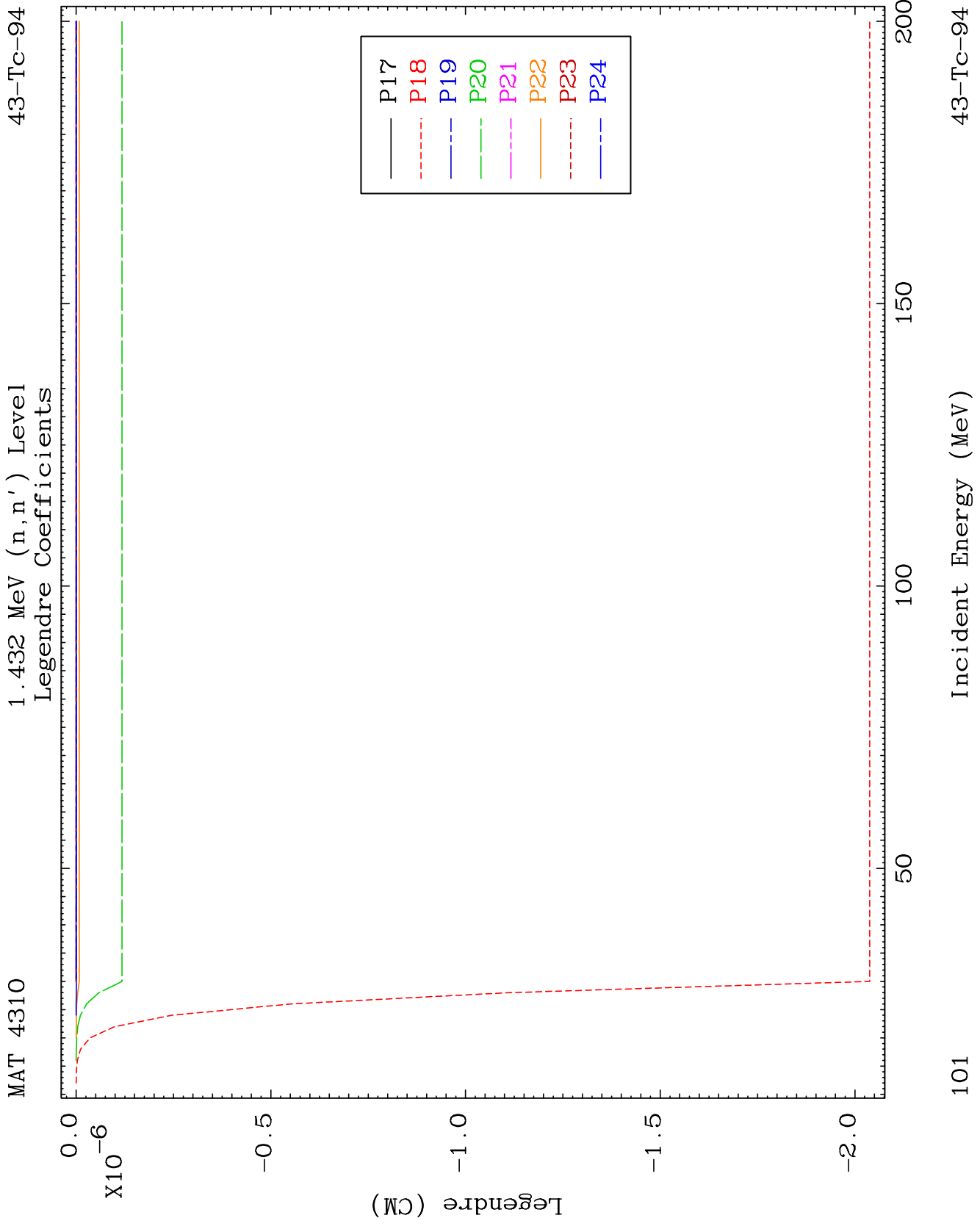








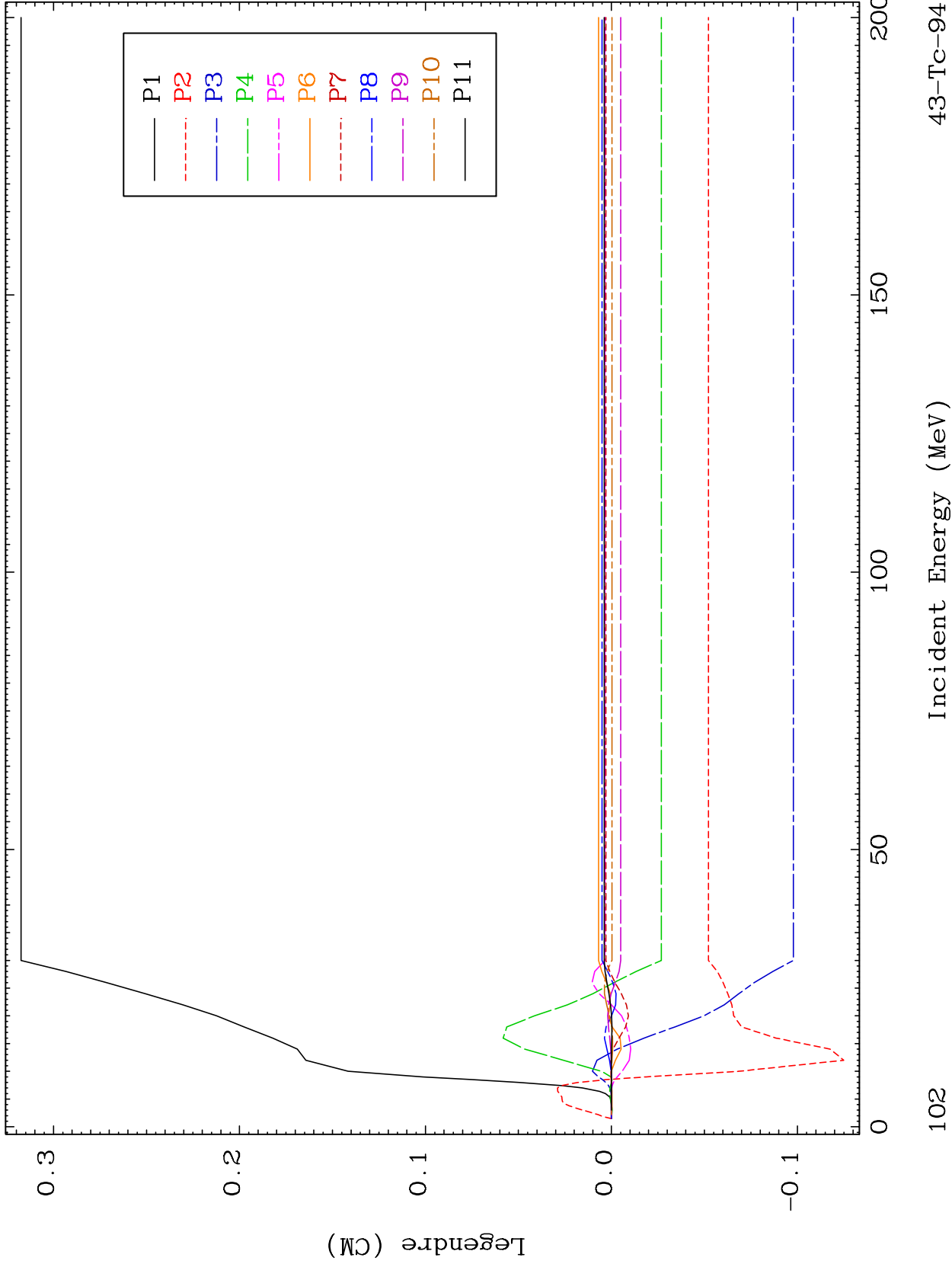




MAT 4310

1.448 MeV (n,n') Level
Legendre Coefficients

43-Tc-94



102

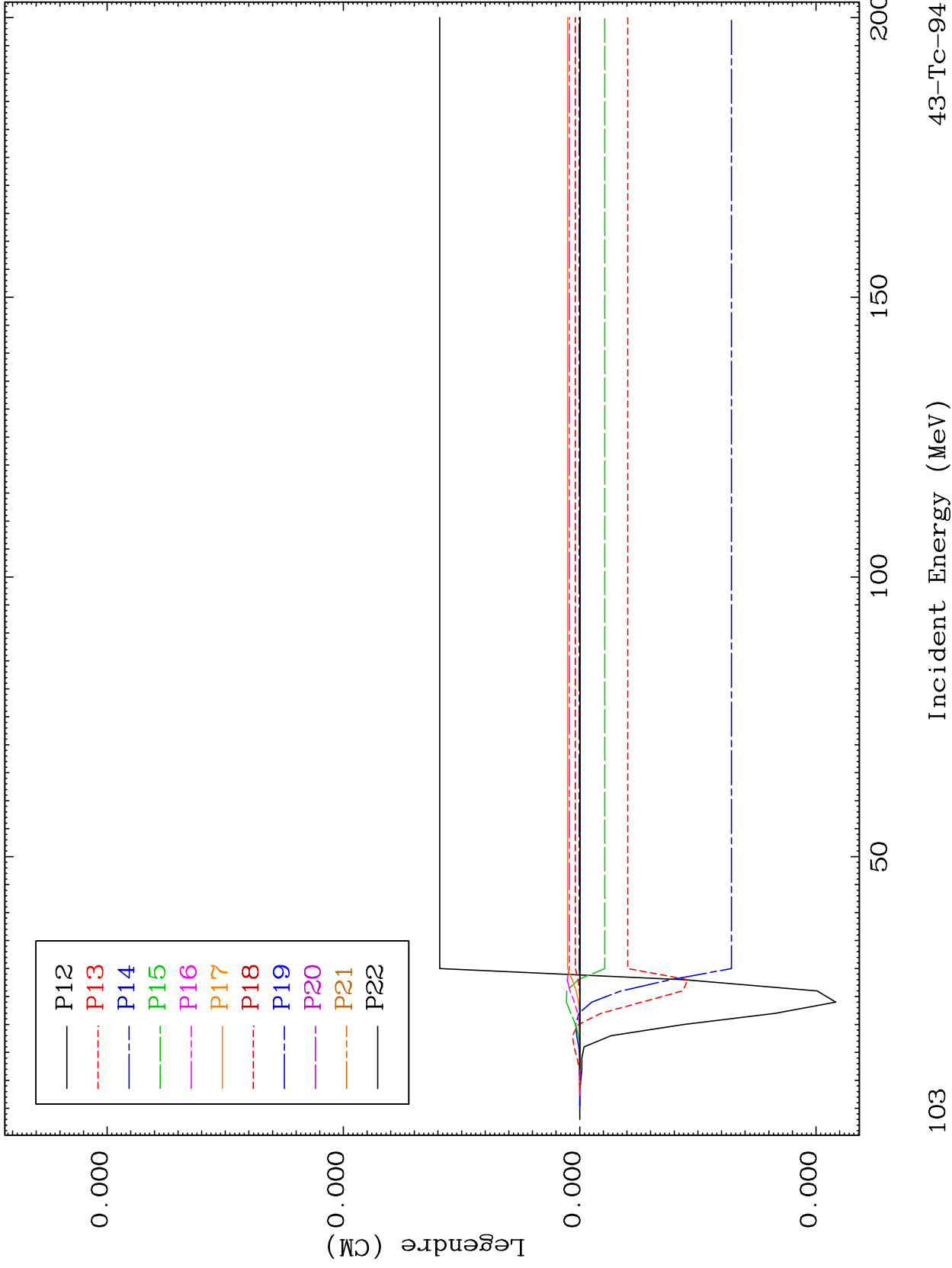
Incident Energy (MeV)

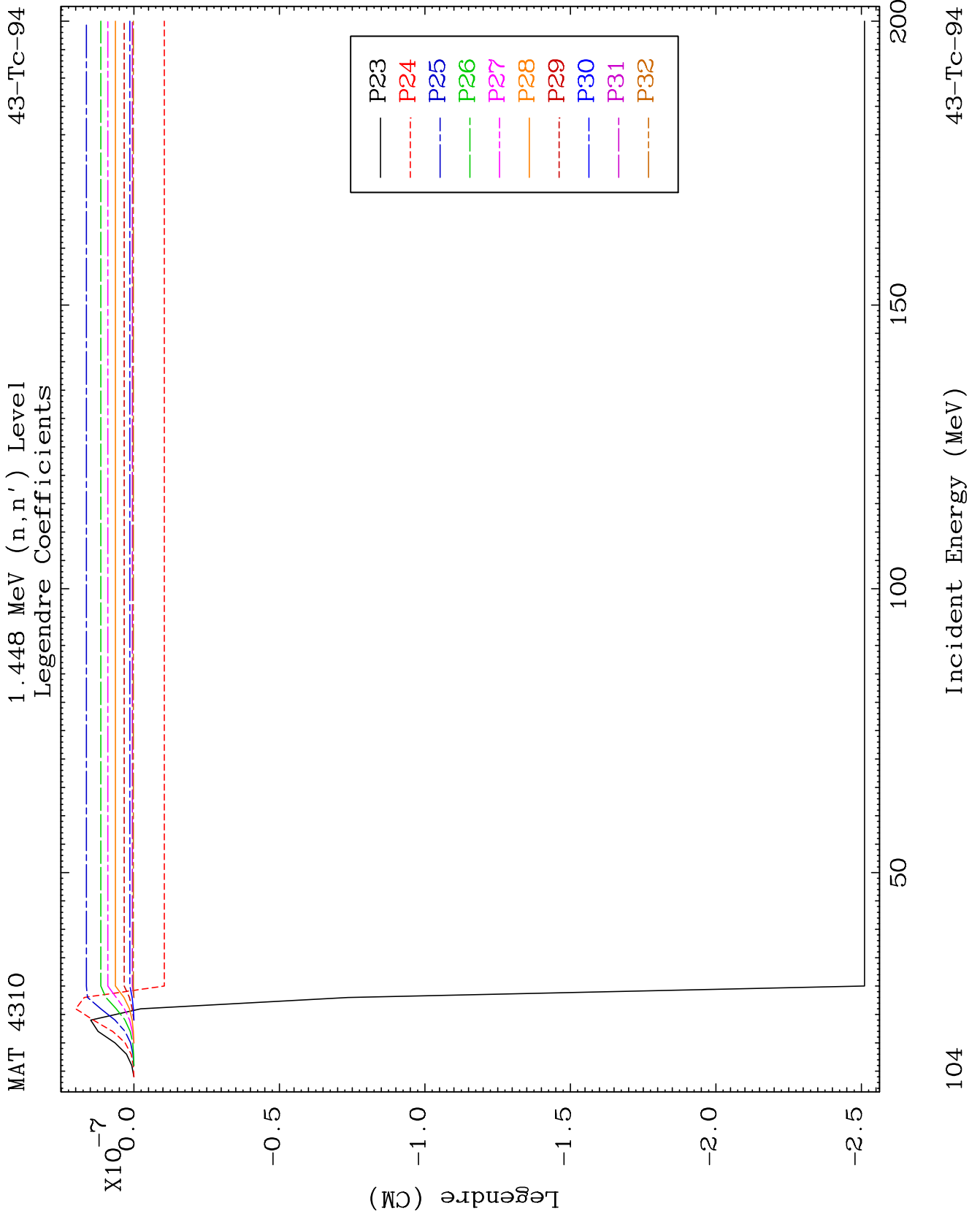
43-Tc-94

MAT 4310

1.448 MeV (n, n') Level
Legendre Coefficients

43-Tc-94

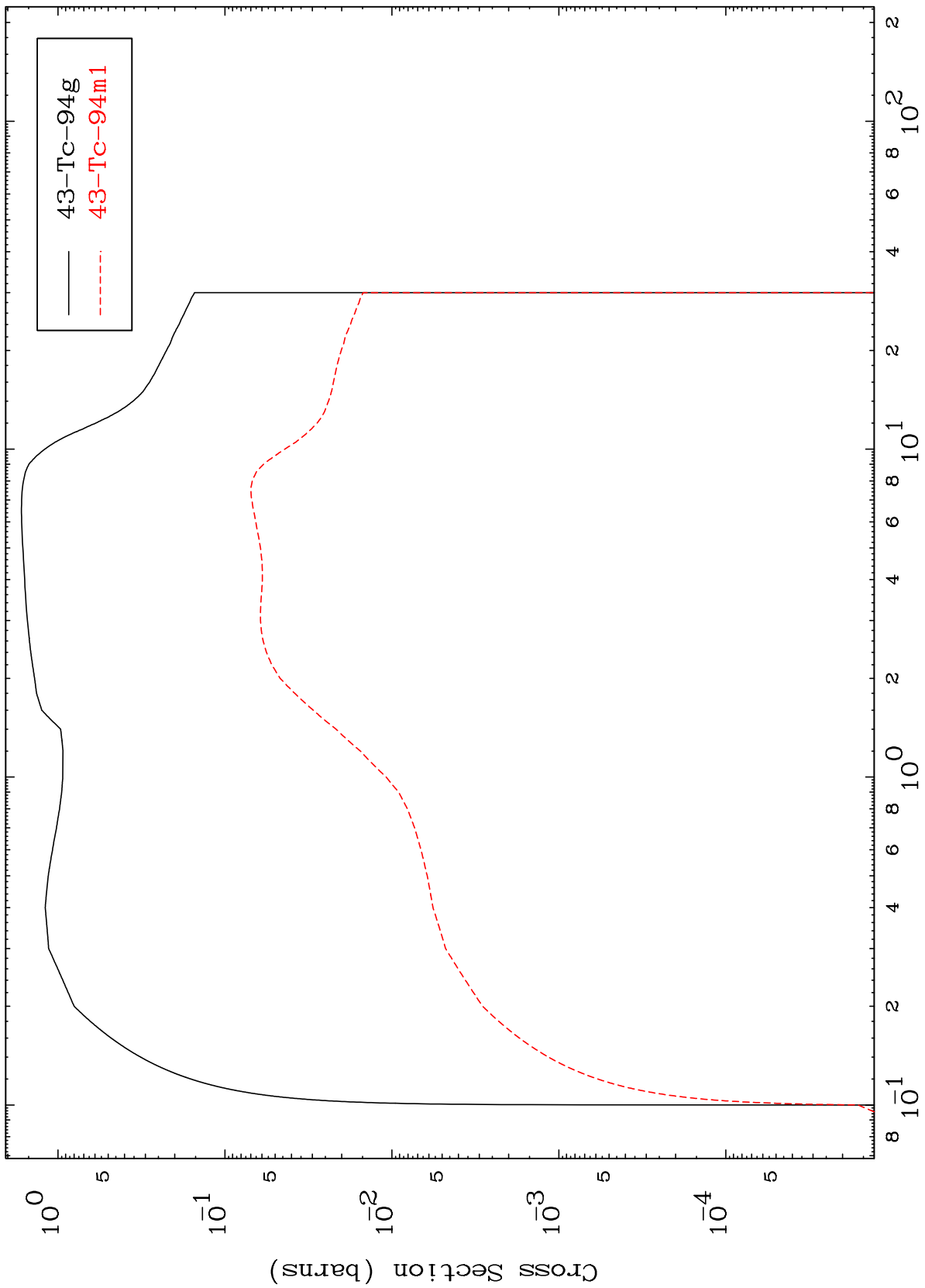




MAT 4310

43-Tc-94

Inelastic
Radionuclide Production Cross Section

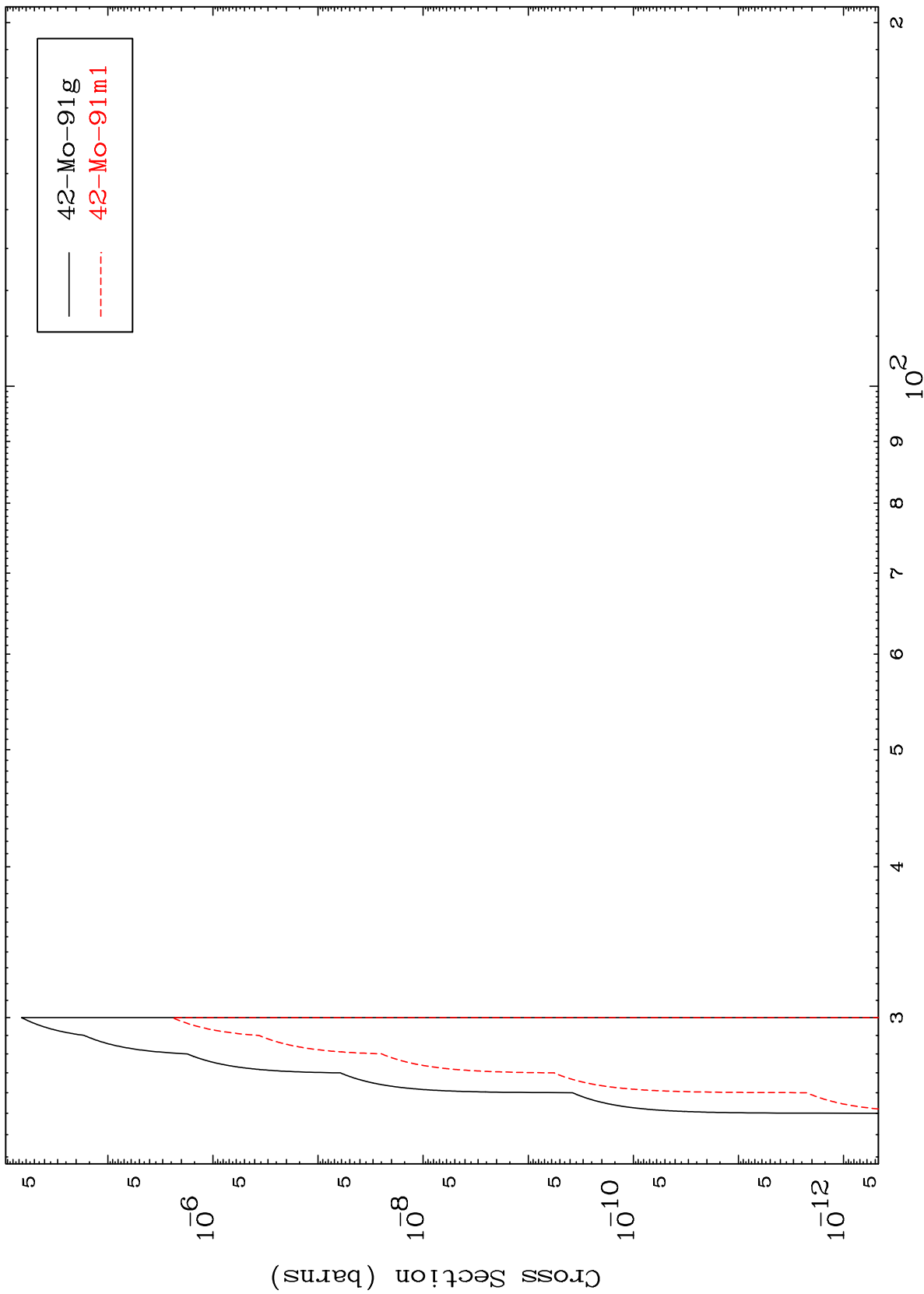


43-Tc-94

Incident Energy (MeV)

105

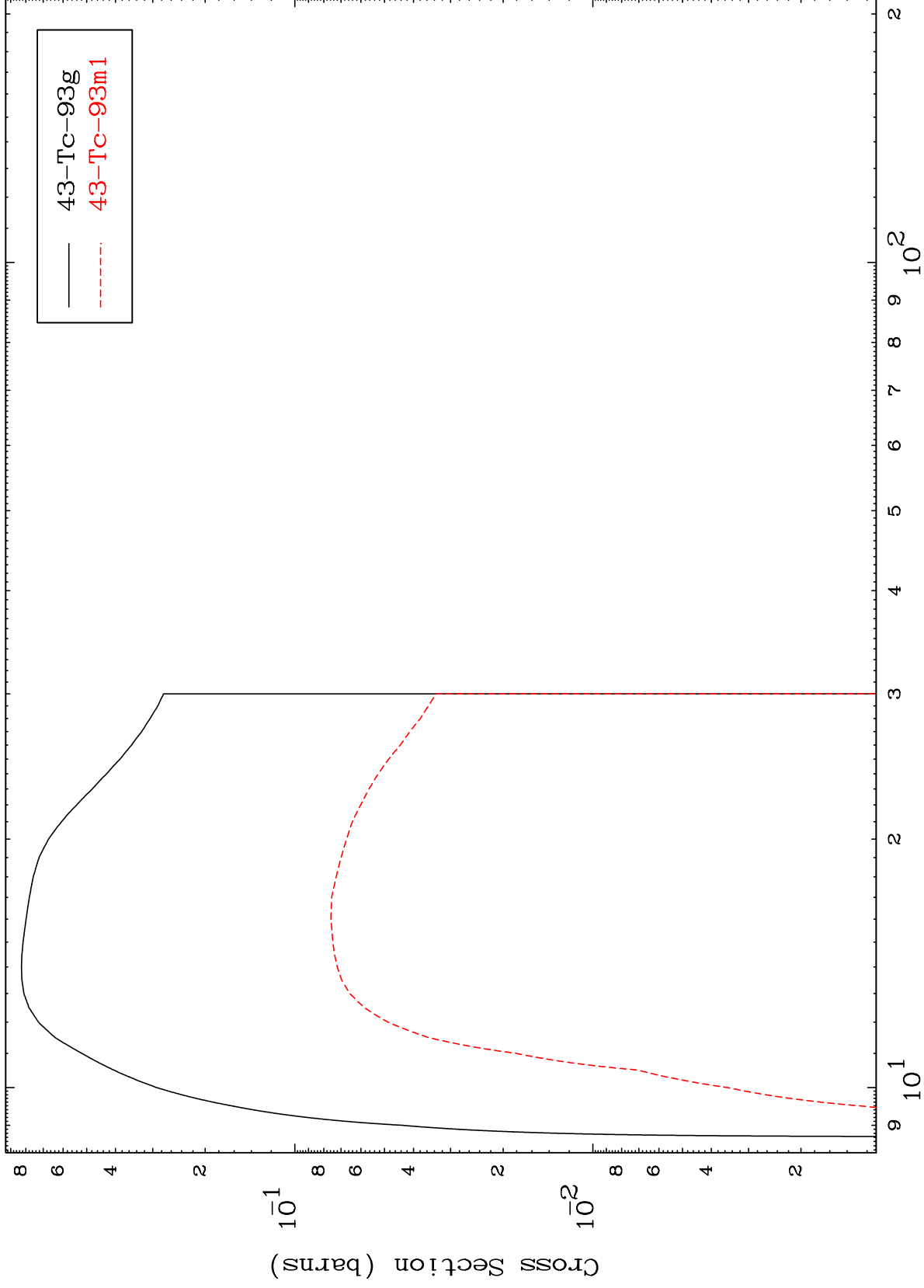
Radionuclide Production Cross Section



MAT 4310

43-Tc-94

(n,2n)
Radionuclide Production Cross Section



107

Incident Energy (MeV)

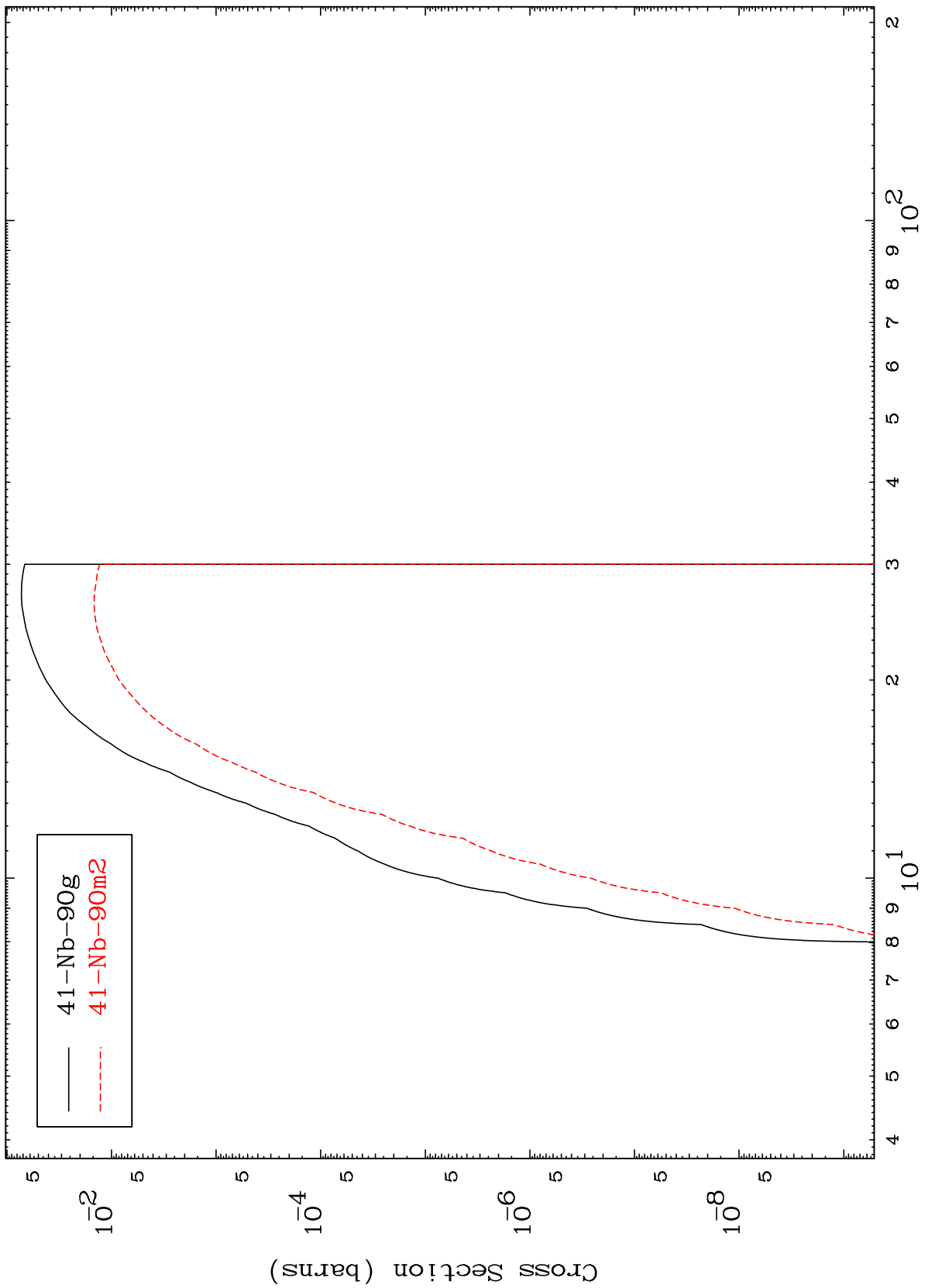
43-Tc-94

MAT 4310

$(n, n') \alpha$

43-Tc-94

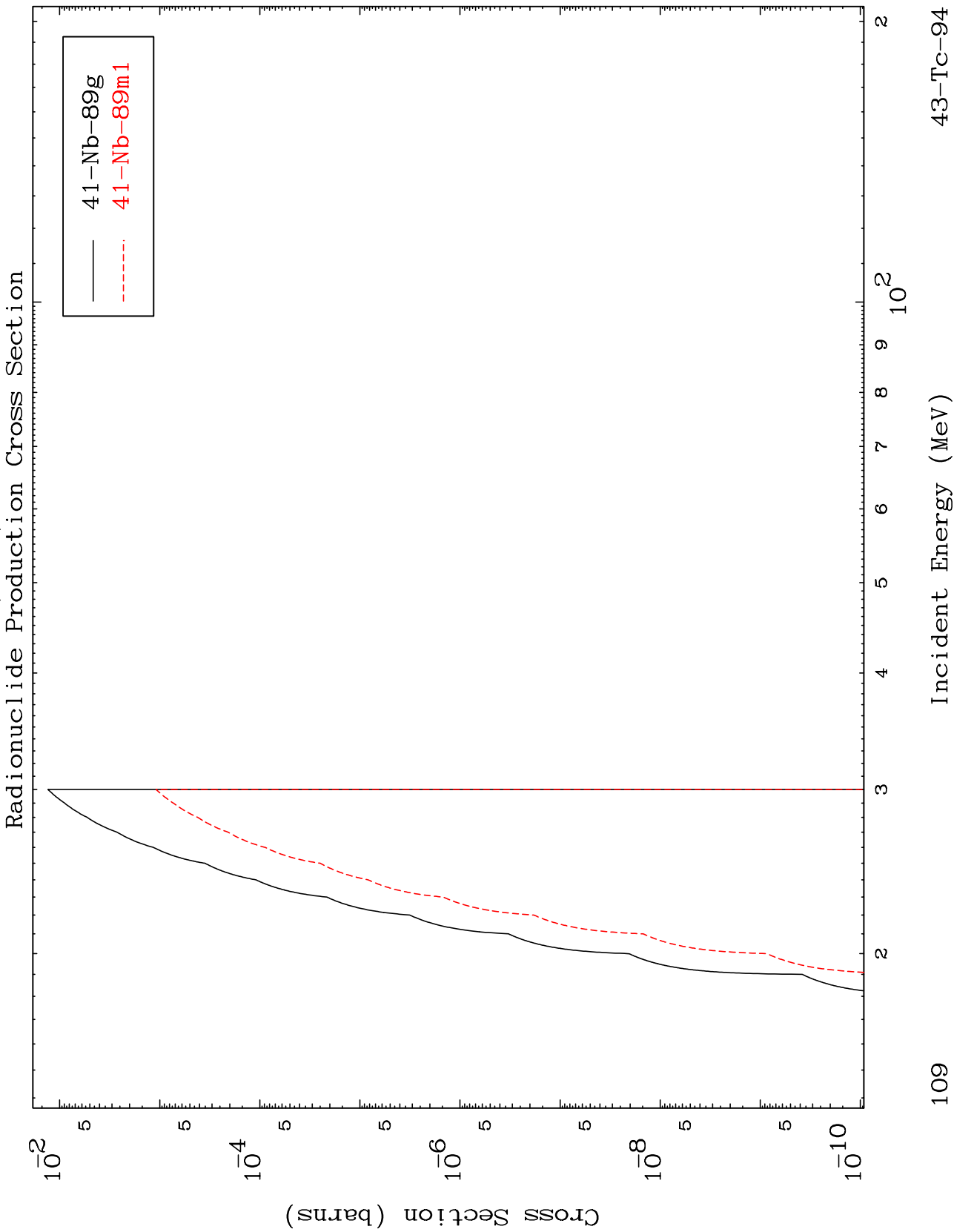
Radionuclide Production Cross Section



MAT 4310

(n,2n) α

43-Tc-94



109

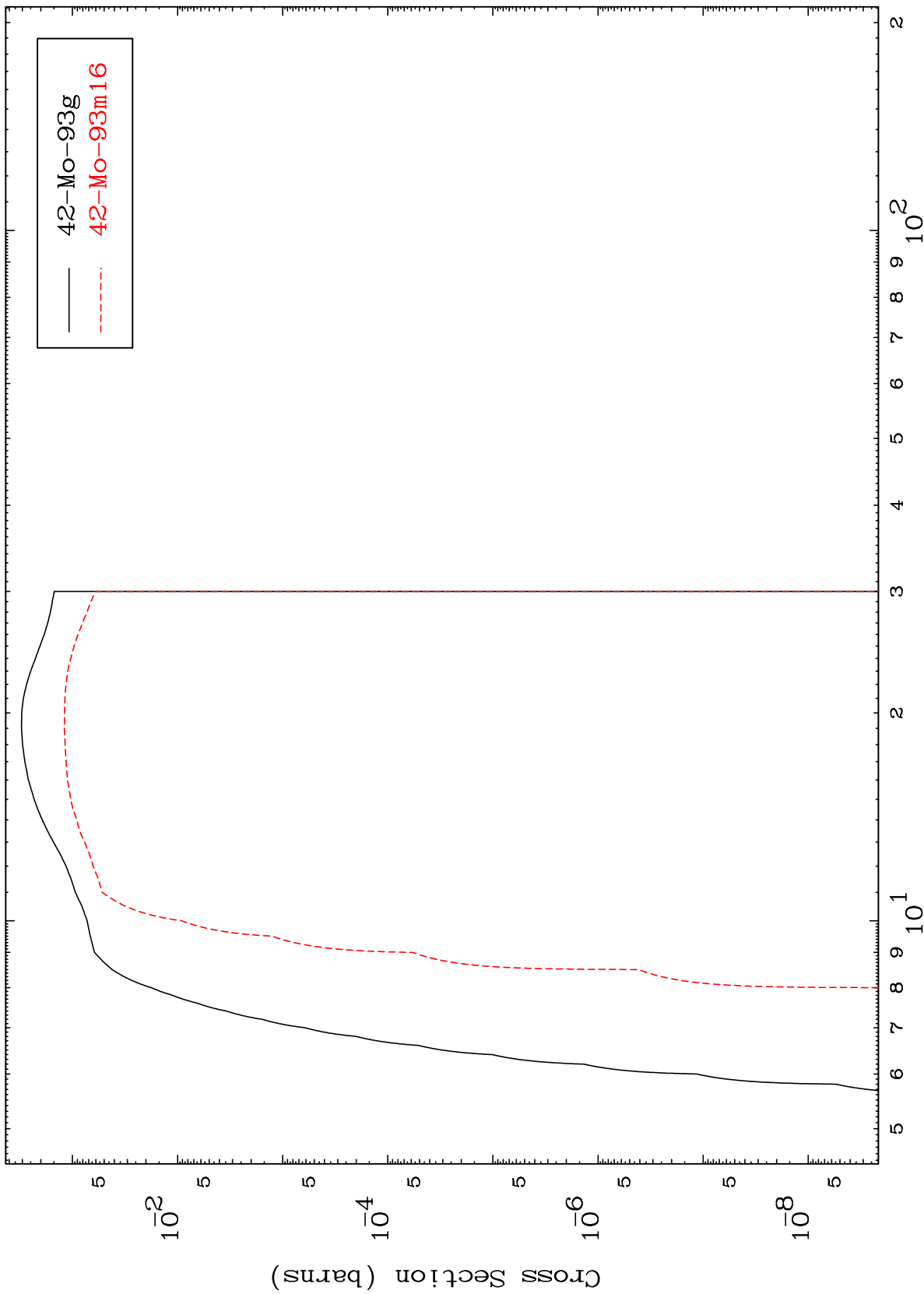
43-Tc-94

MAT 4310

(n,n') p

43-Tc-94

Radionuclide Production Cross Section



110

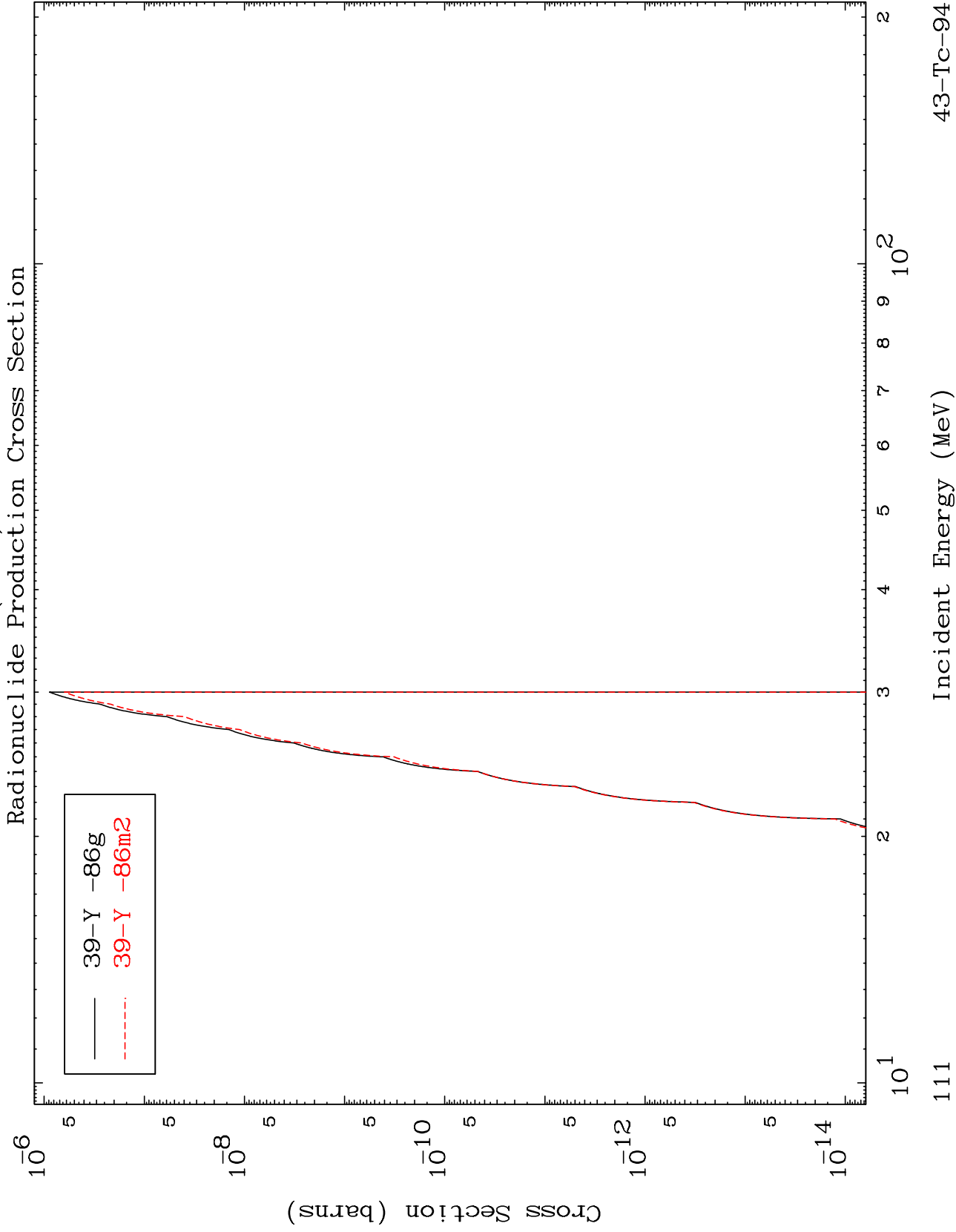
Incident Energy (MeV)

43-Tc-94

MAT 4310

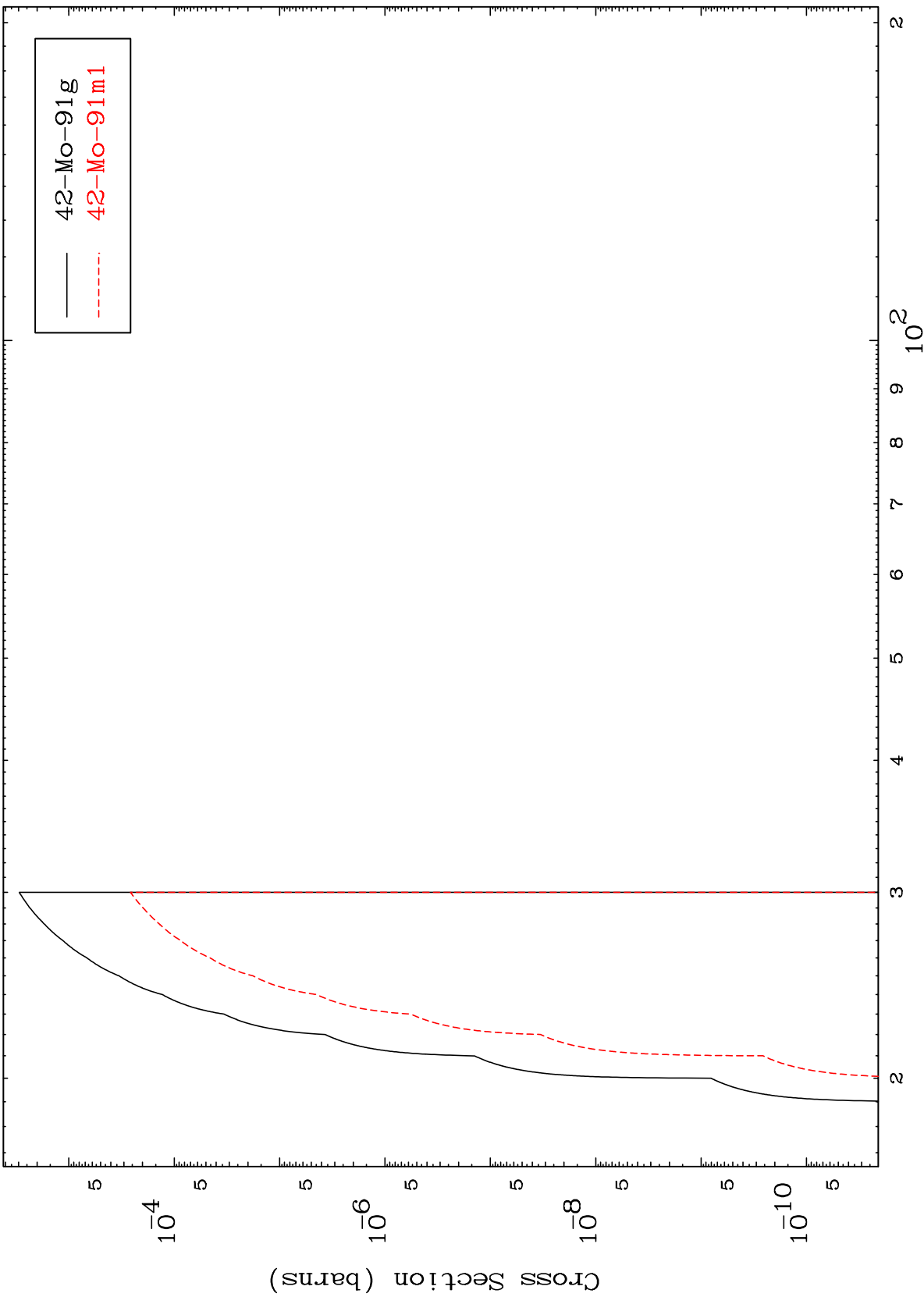
(n,n') 2α

43-Tc-94



111

Radionuclide Production Cross Section



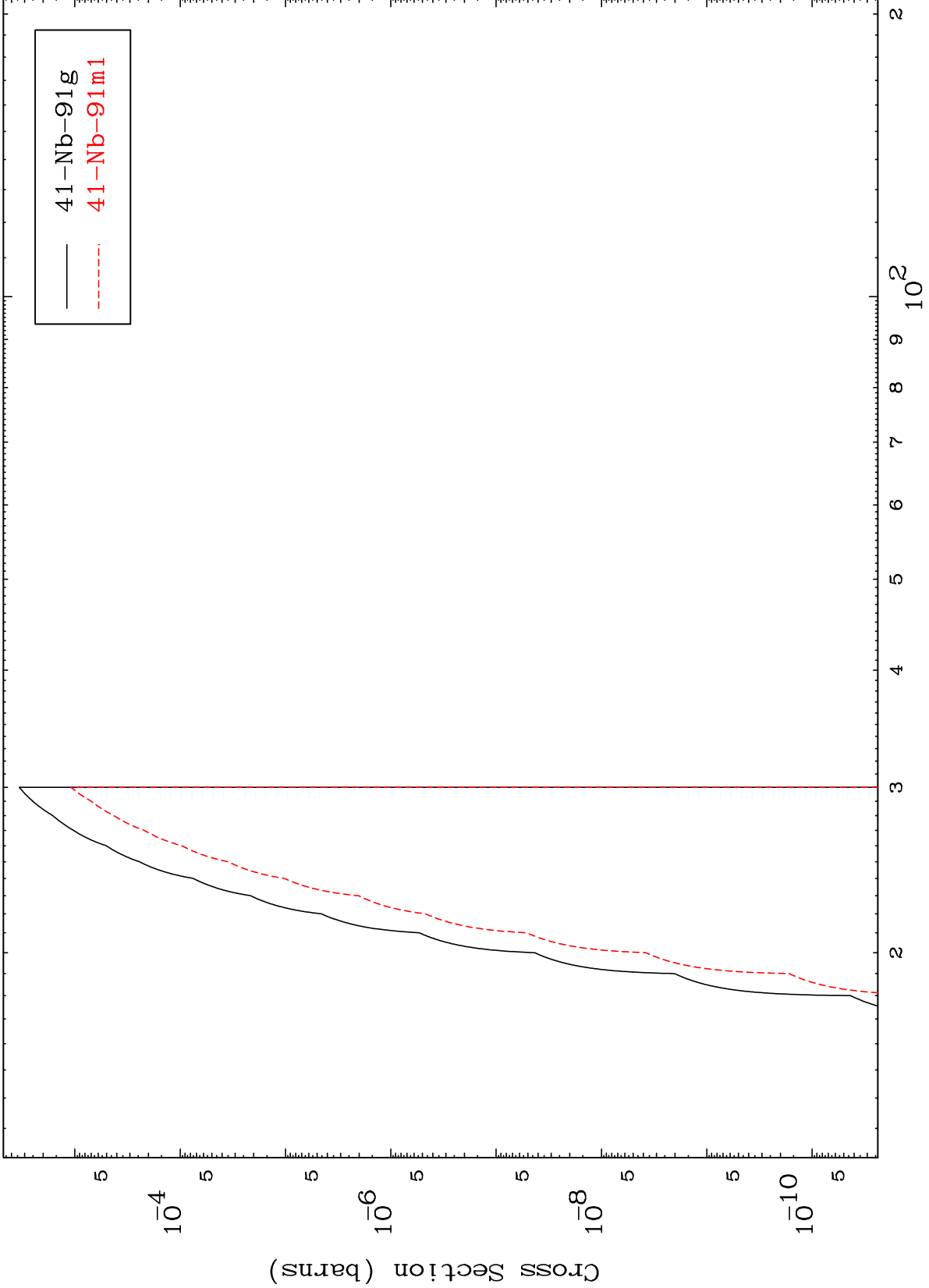
42-Mo-91g
42-Mo-91m1

MAT 4310

(n,n') He-3

43-Tc-94

Radionuclide Production Cross Section



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

113

Incident Energy (MeV)

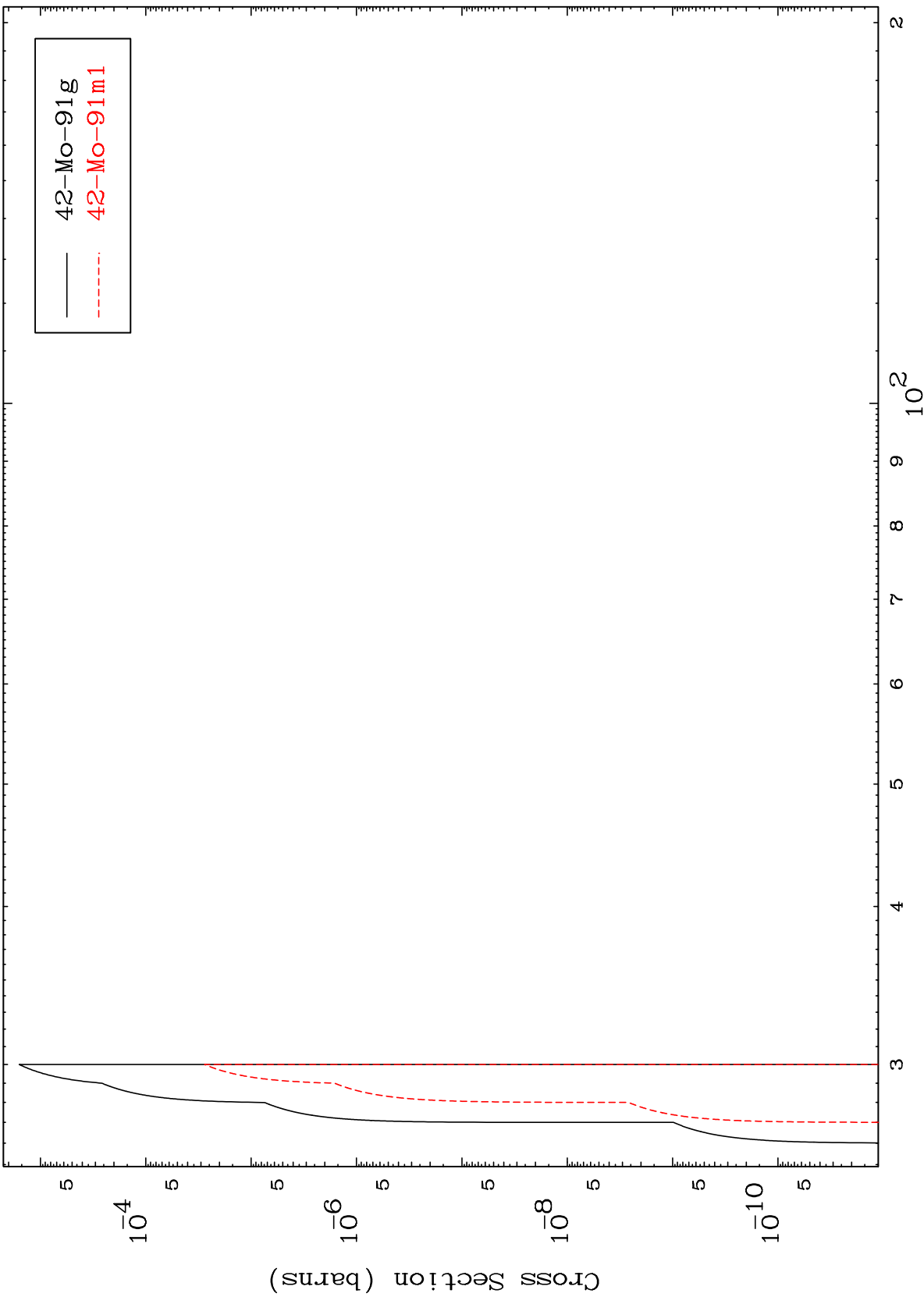
43-Tc-94

MAT 4310

(n,3n) p

43-Tc-94

Radionuclide Production Cross Section



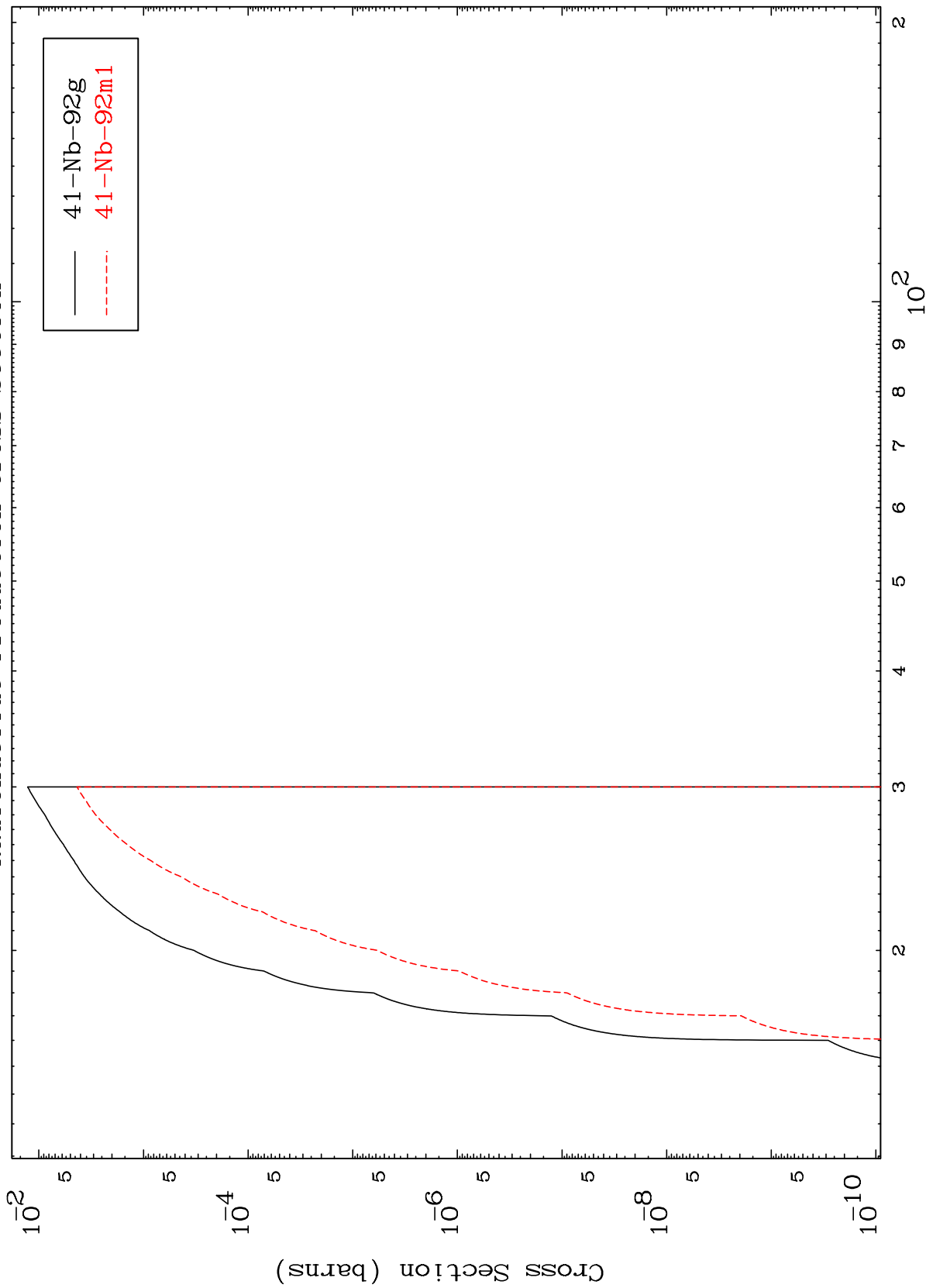
42-Mo-91g
42-Mo-91m1

MAT 4310

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



115

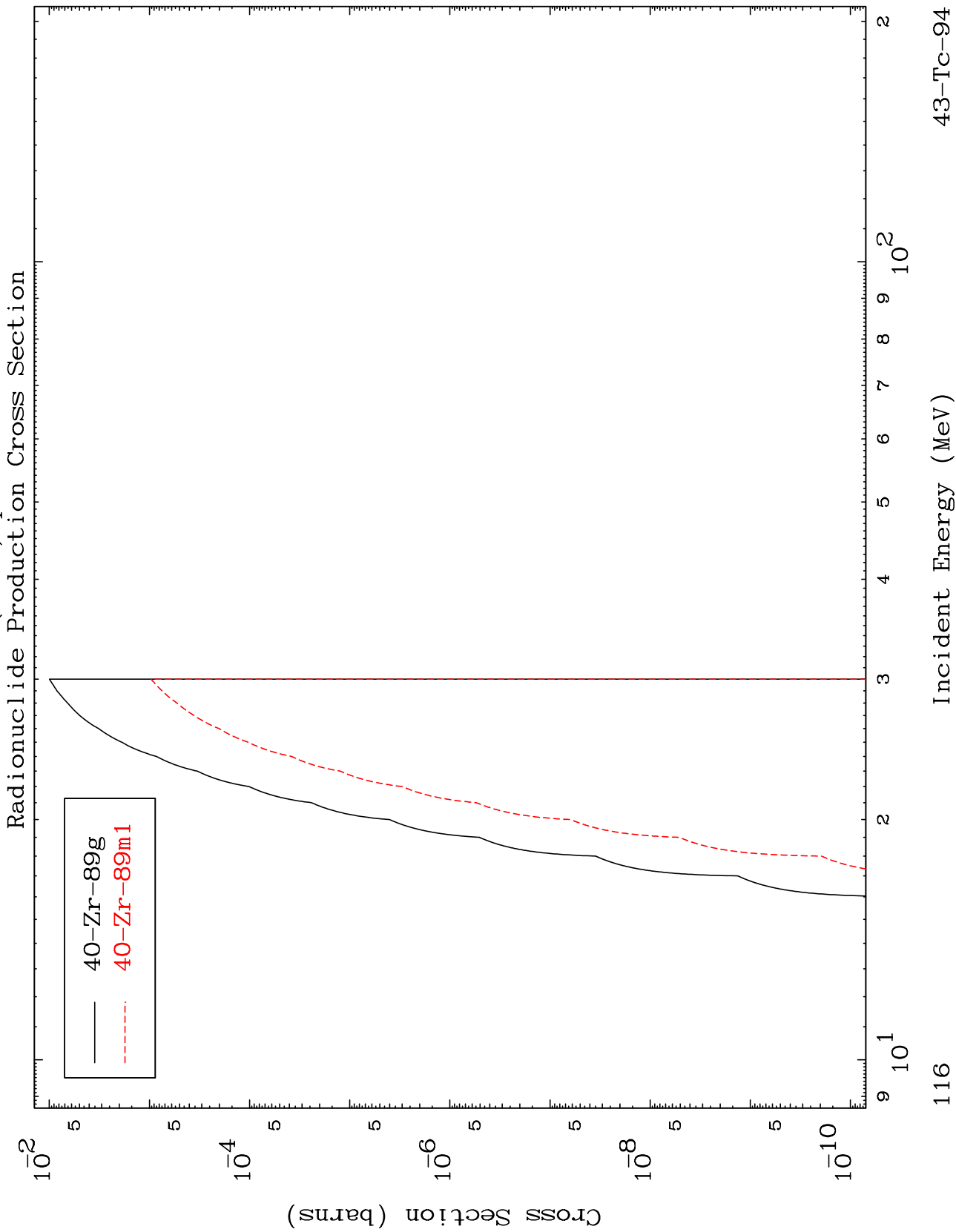
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,n') p α

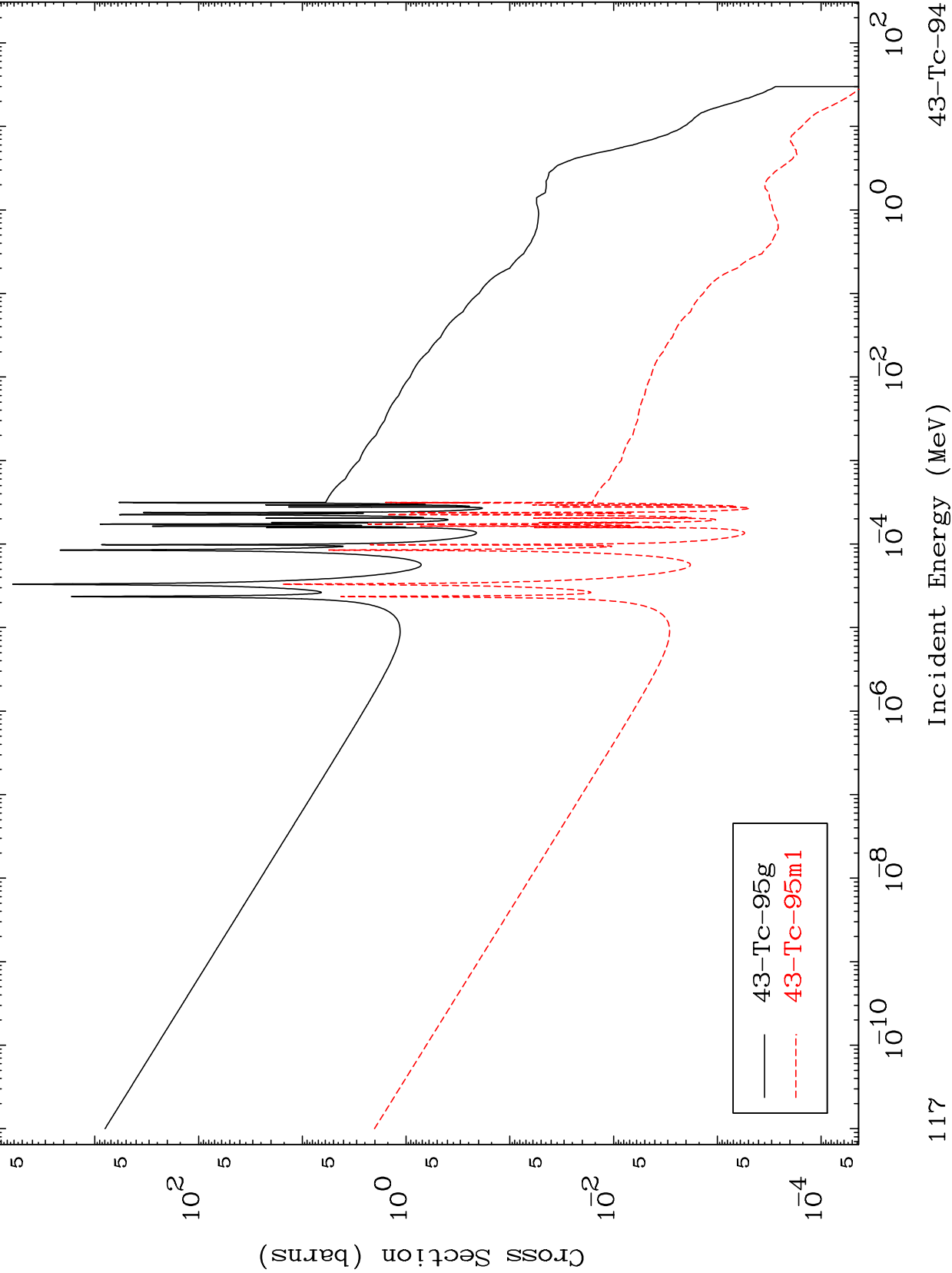
43-Tc-94



MAT 4310

43-Tc-94

(n, γ)
Radionuclide Production Cross Section



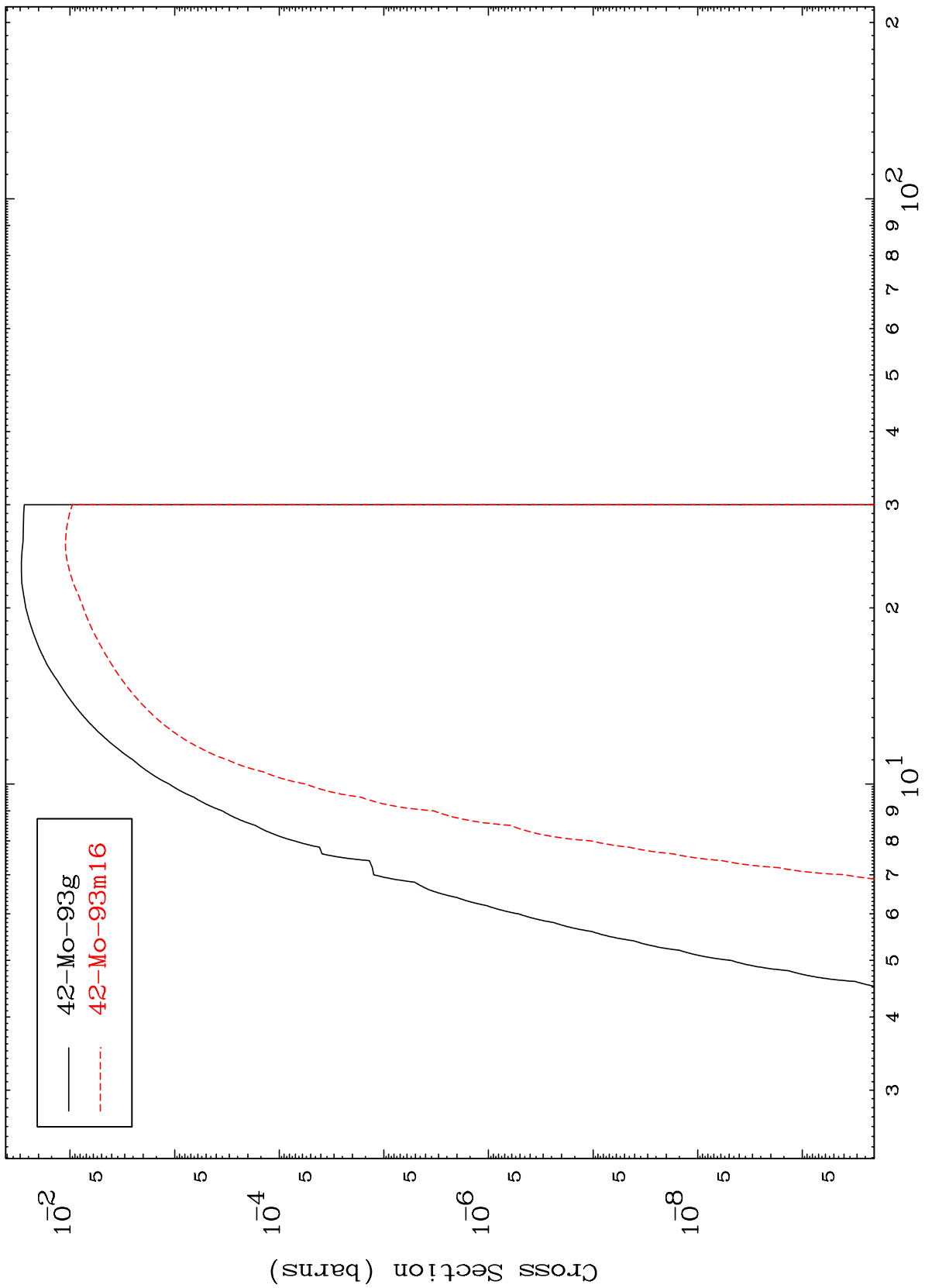
117

43-Tc-94

MAT 4310

43-Tc-94

(n,d)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

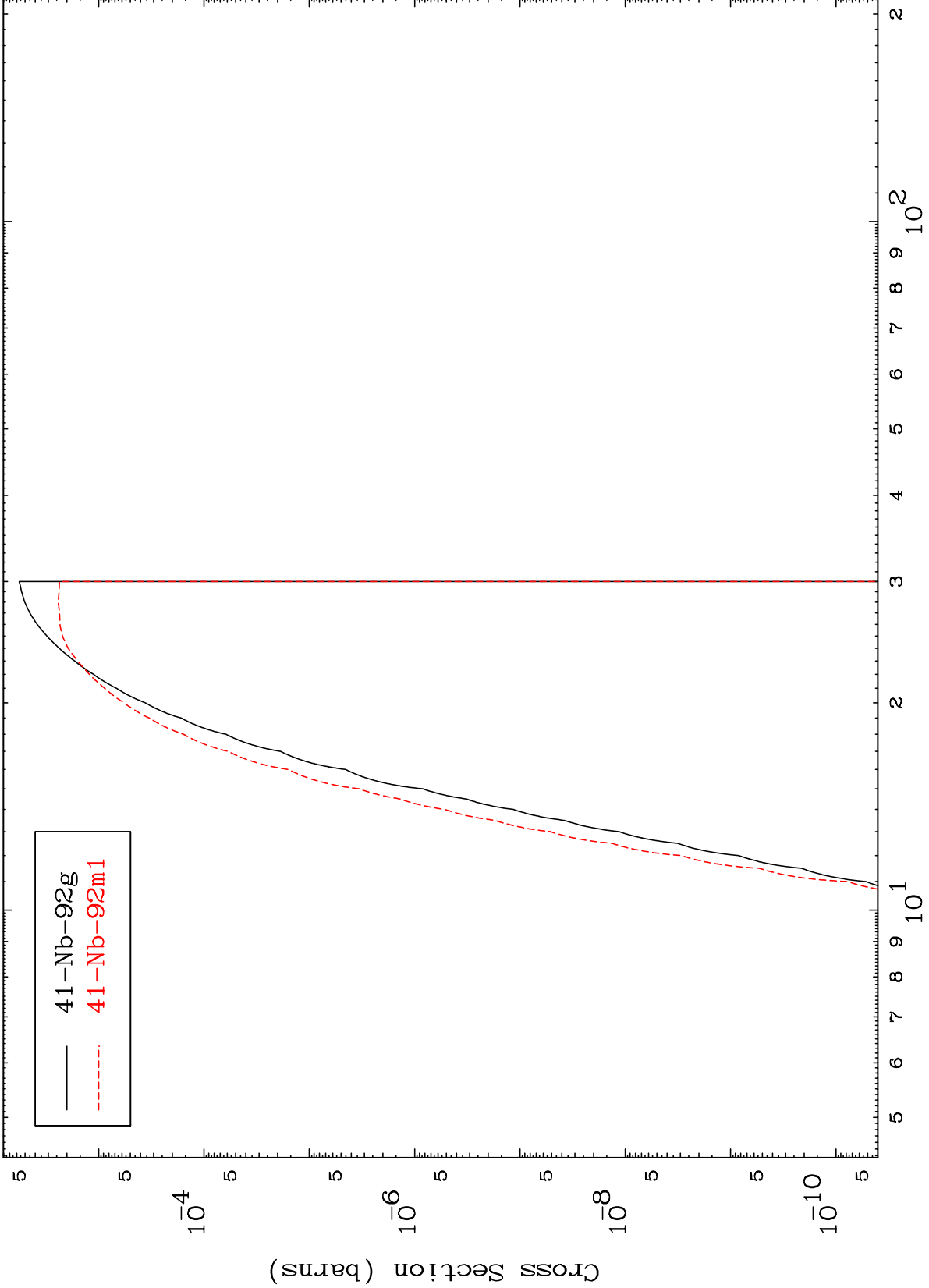
43-Tc-94

MAT 4310

(n,He-3)

43-Tc-94

Radionuclide Production Cross Section



Legend:
— 41-Nb-92g
- - - 41-Nb-92m1

119

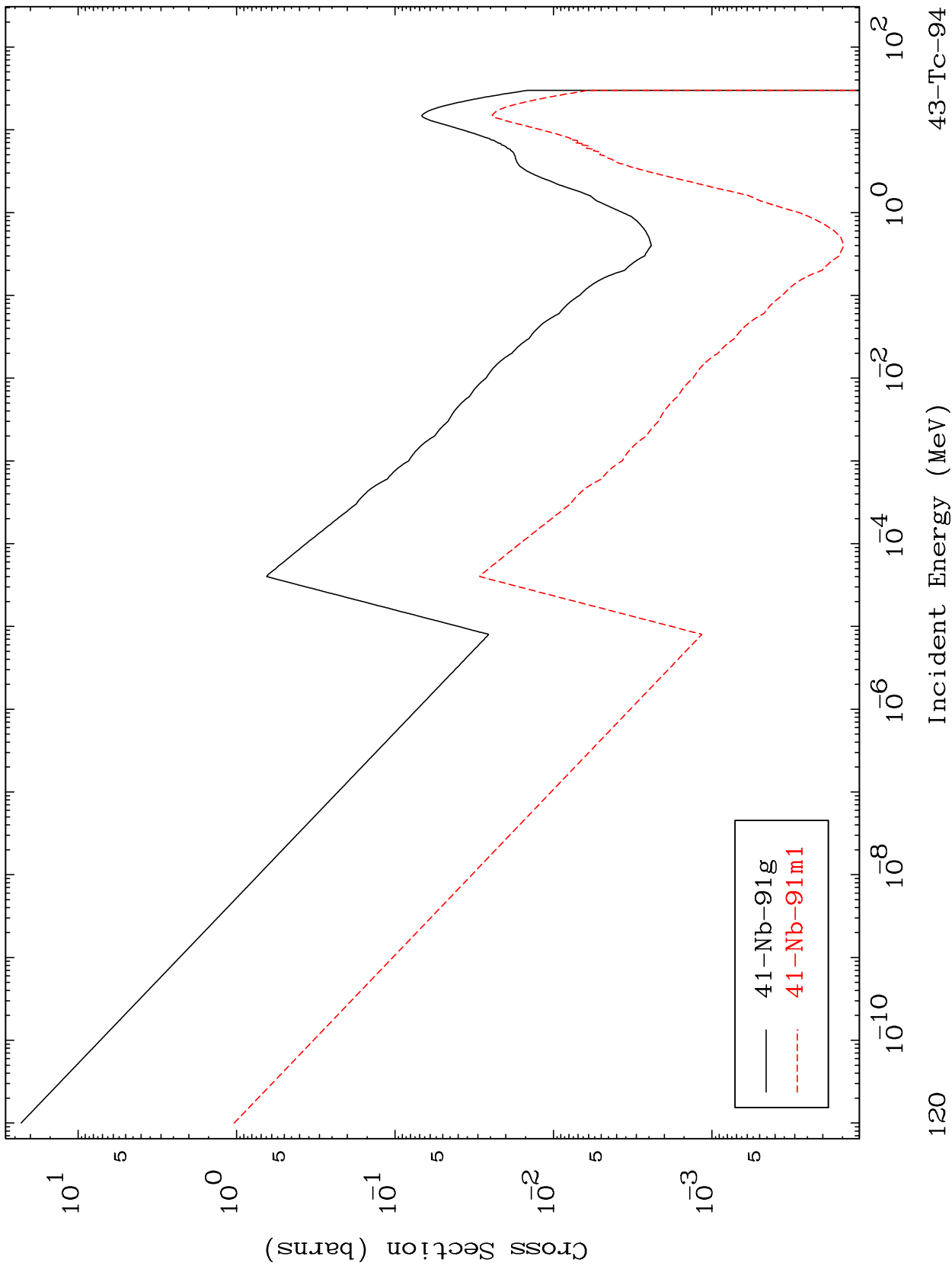
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

(n, α)
Radionuclide Production Cross Section

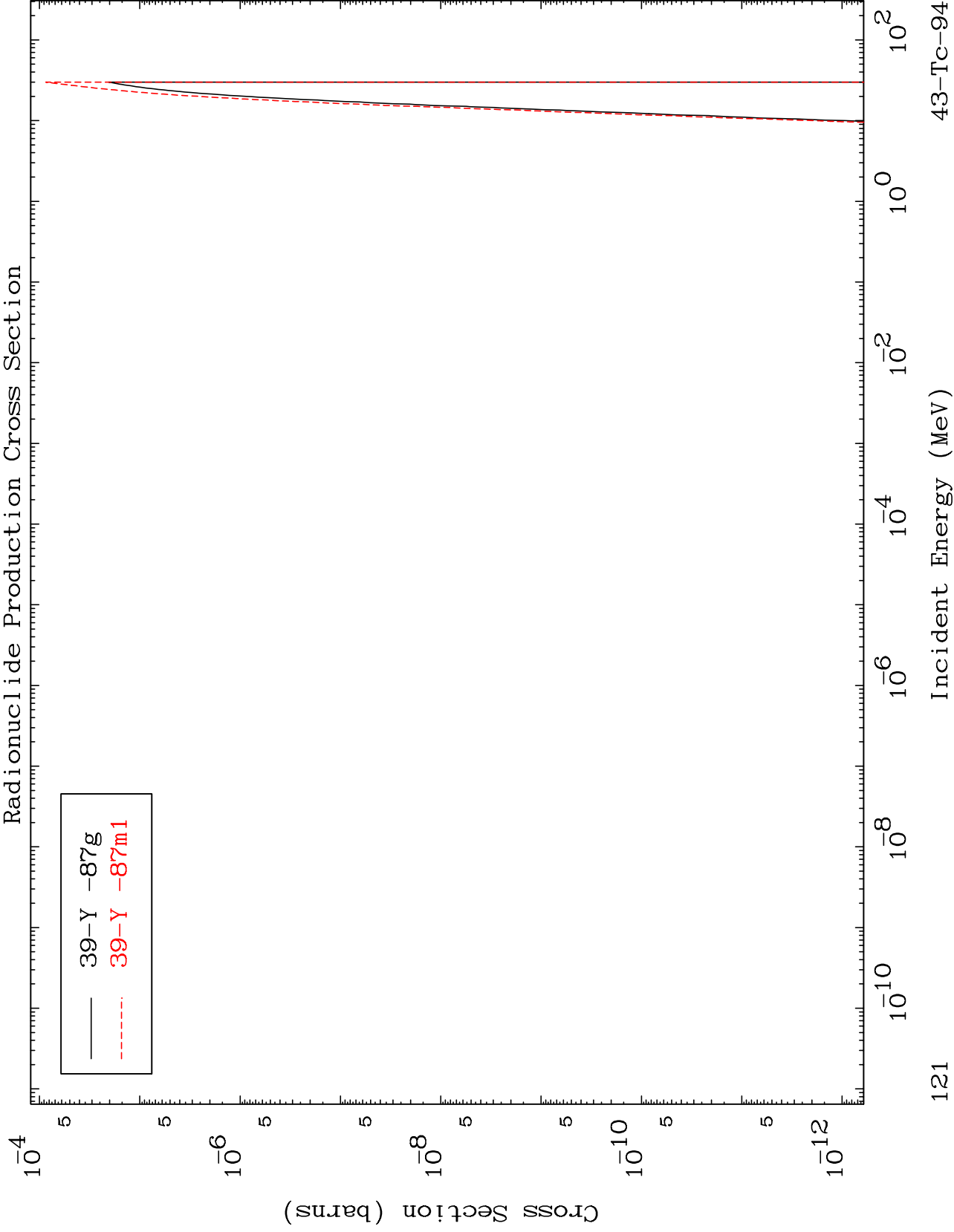


MAT 4310

(n,2α)

43-Tc-94

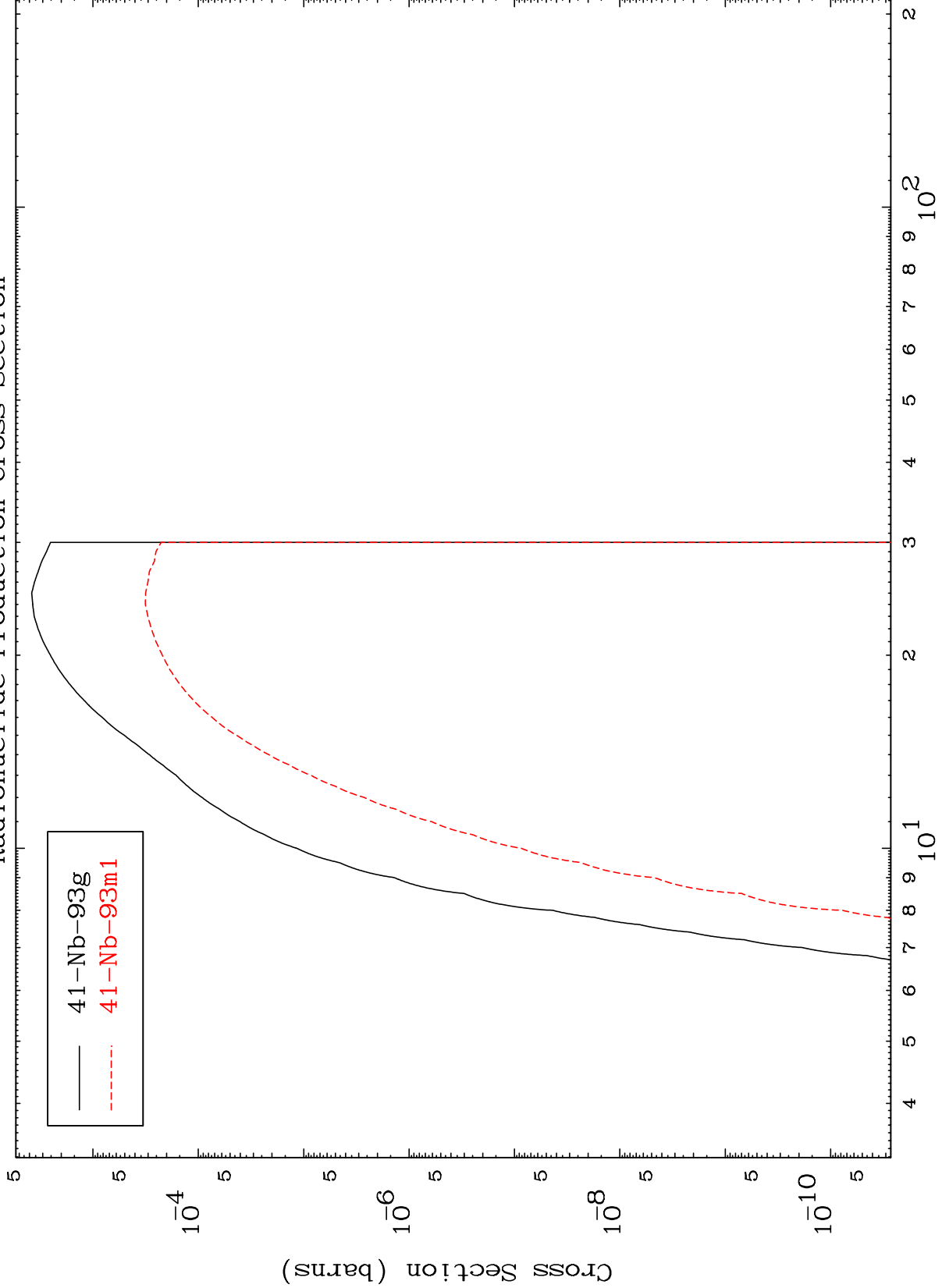
Radionuclide Production Cross Section



MAT 4310

43-Tc-94

(n,2p)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

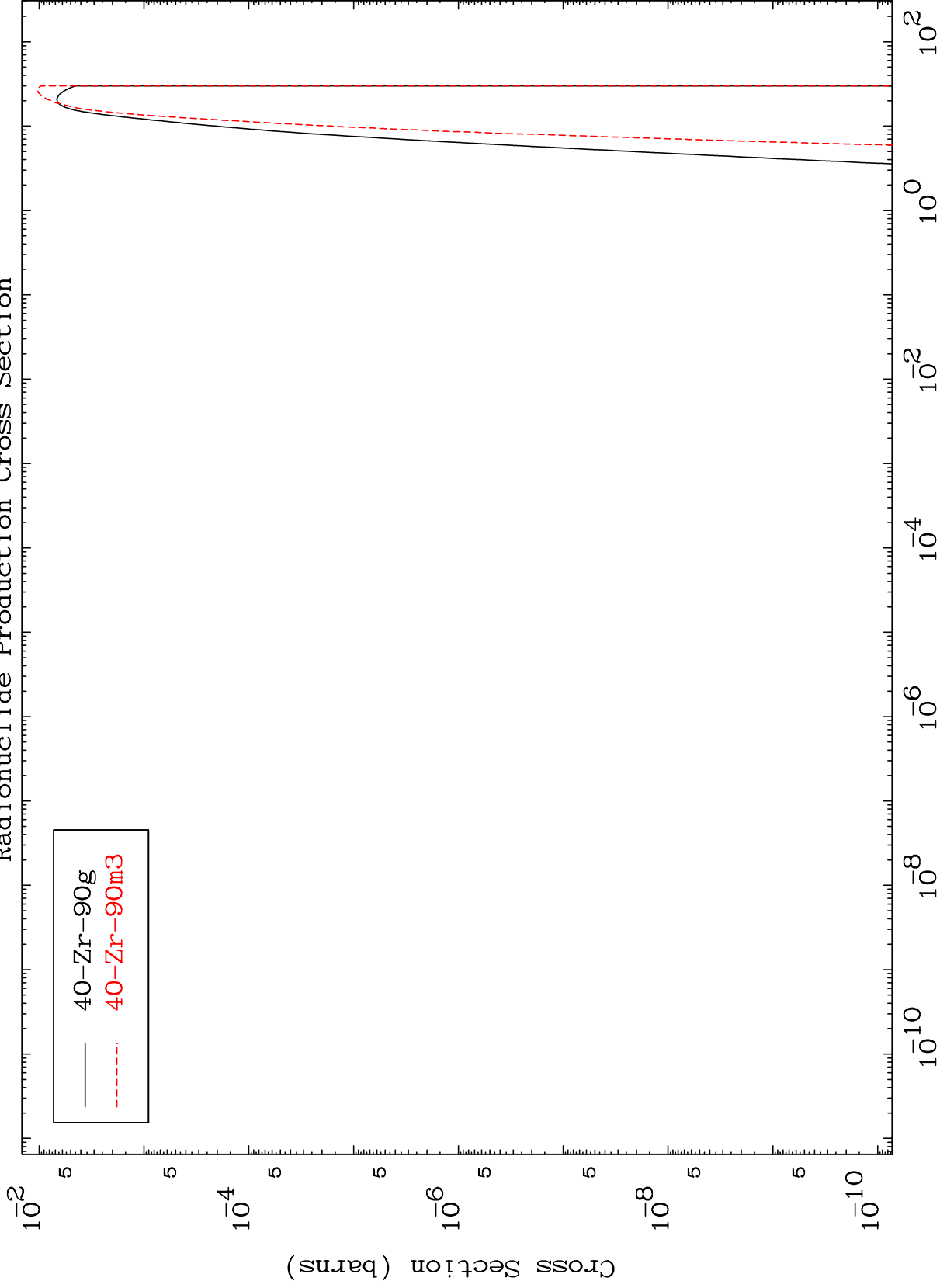
43-Tc-94

MAT 4310

(n,p) α

43-Tc-94

Radionuclide Production Cross Section



123

Incident Energy (MeV)

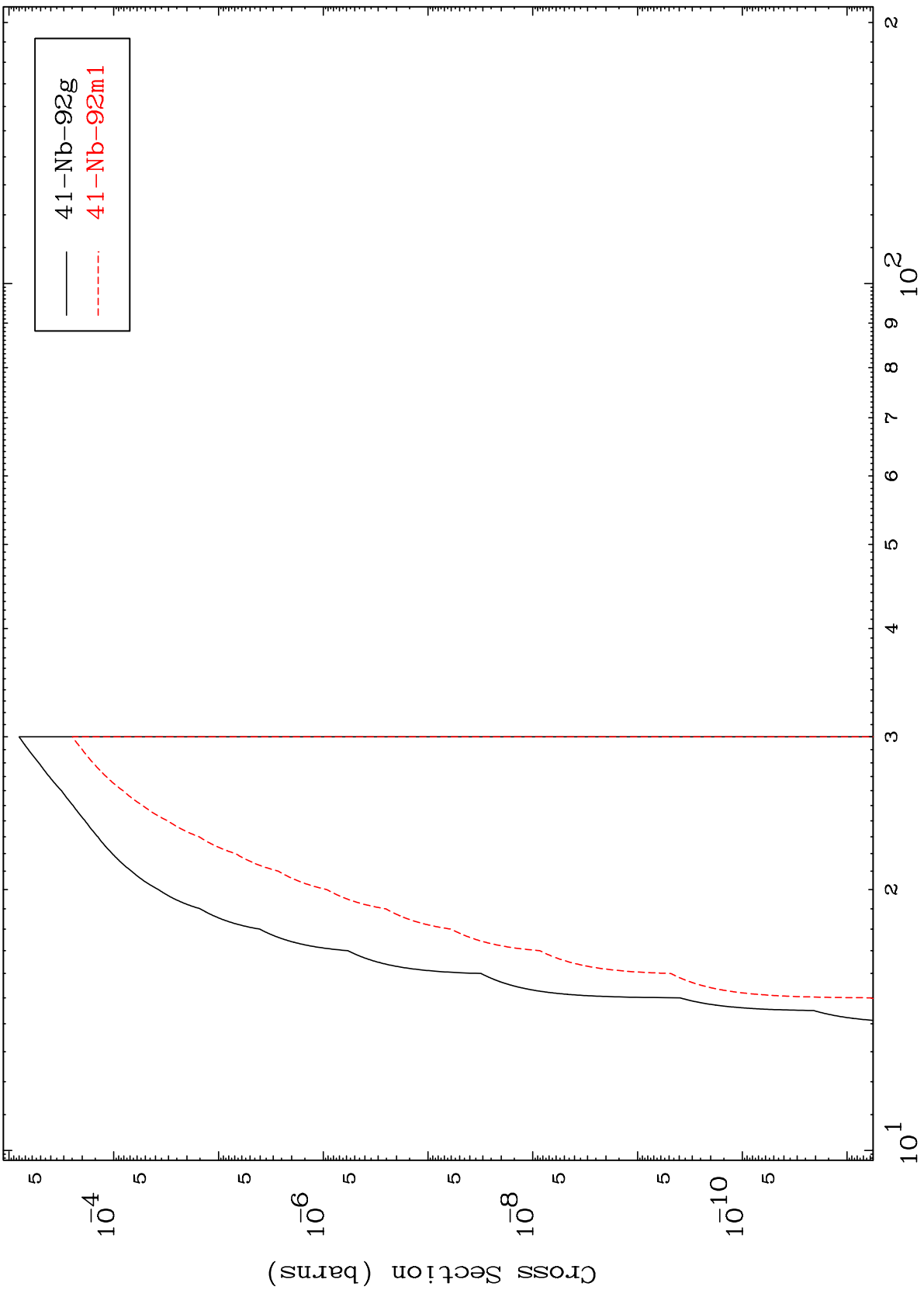
43-Tc-94

MAT 4310

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



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

124

Incident Energy (MeV)

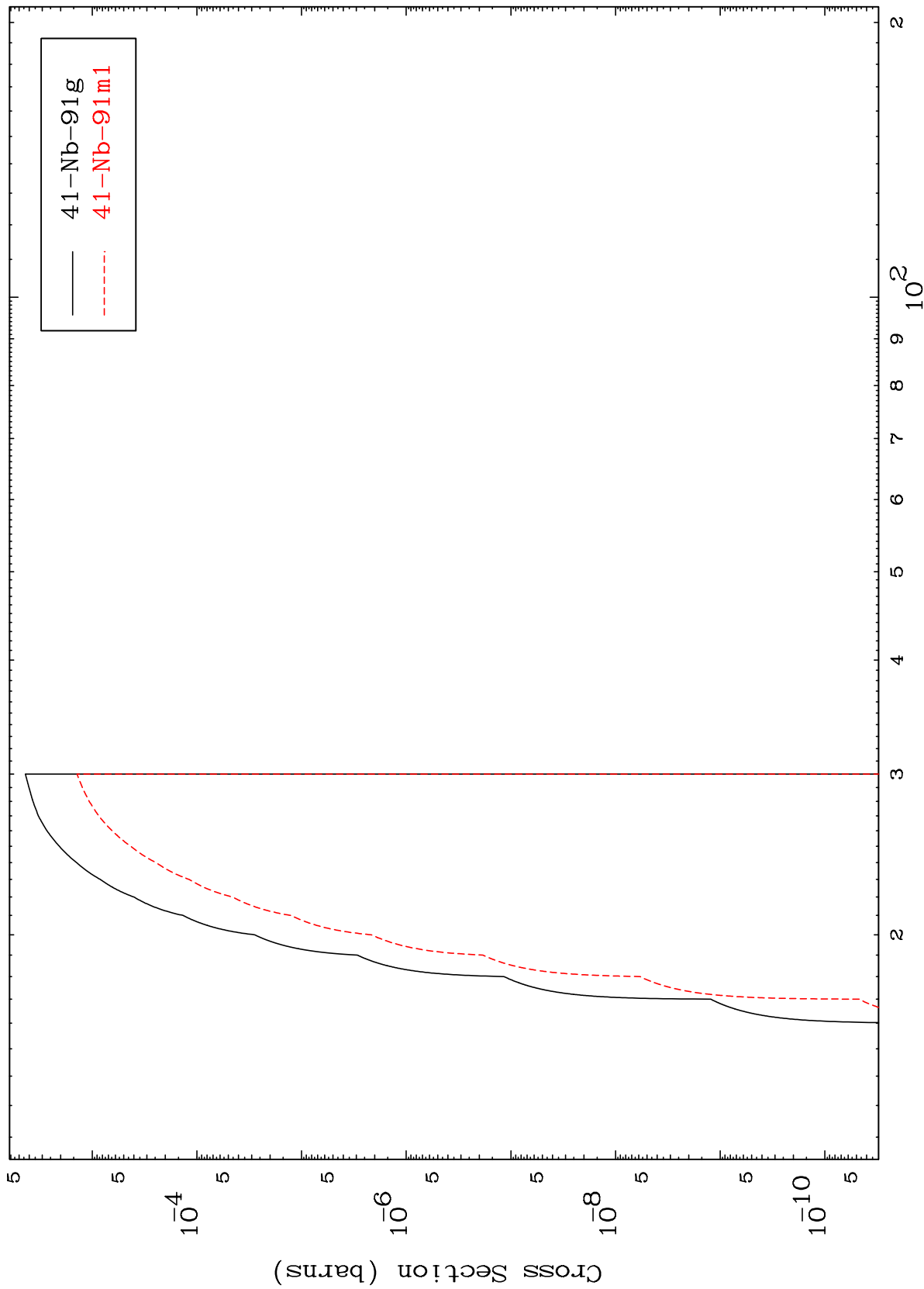
43-Tc-94

MAT 4310

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



125

Incident Energy (MeV)

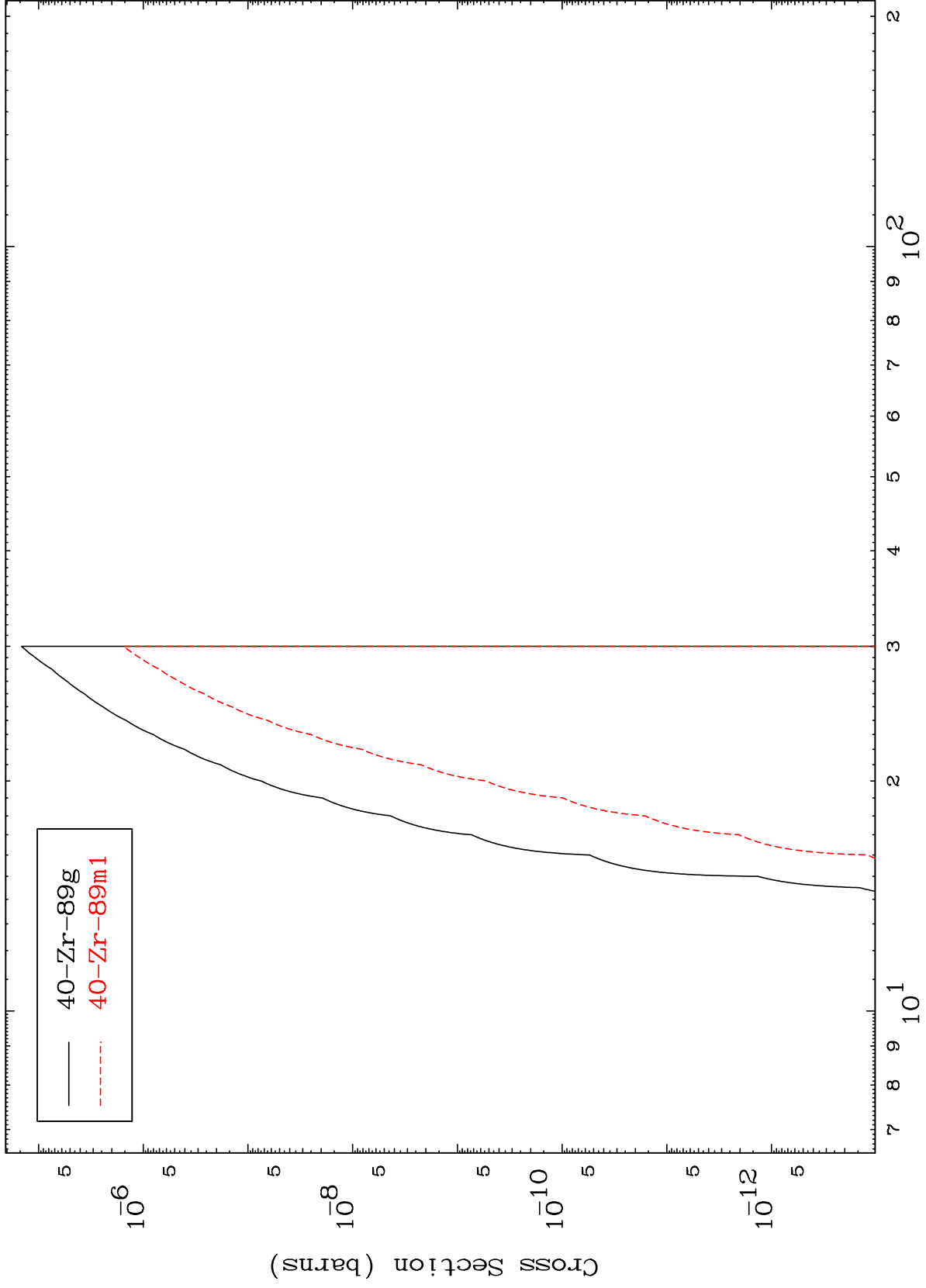
43-Tc-94

MAT 4310

(n,d) α

43-Tc-94

Radionuclide Production Cross Section



126

Incident Energy (MeV)

43-Tc-94