

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

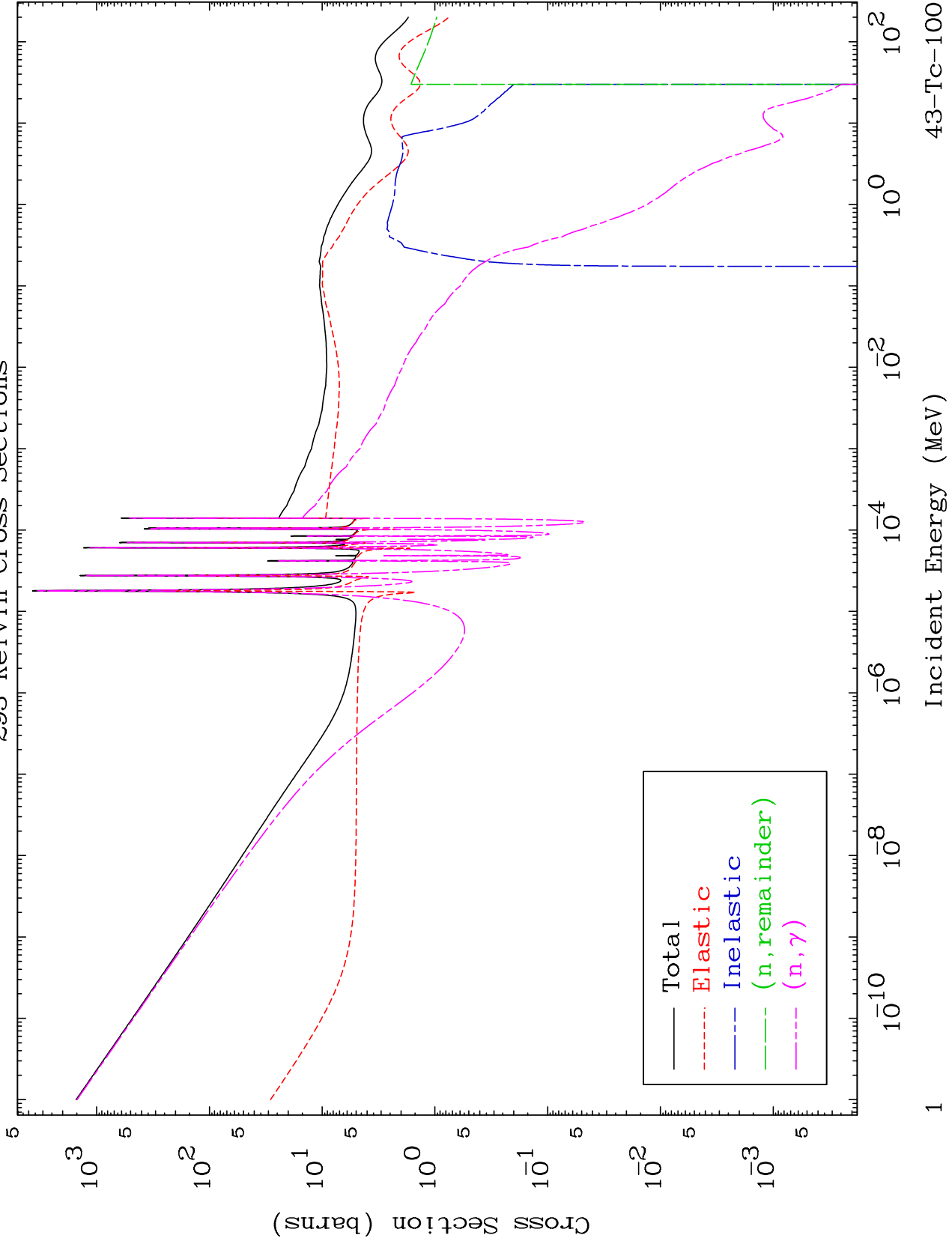
Press Mouse Button to Start

MAT 4328

Major

293 Kelvin Cross Sections

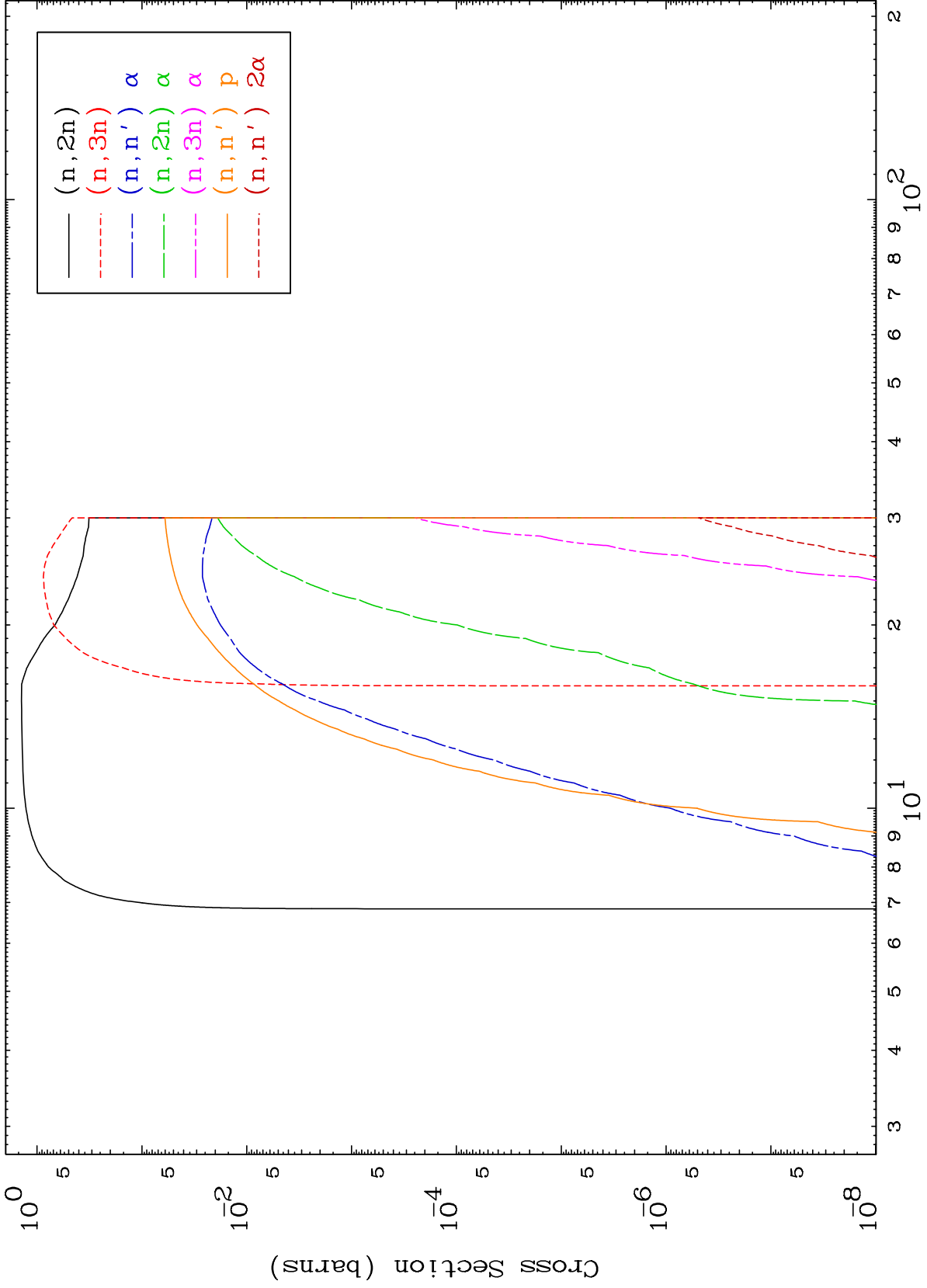
43-Tc-100



MAT 4328

Neutron Production  
293 Kelvin Cross Sections

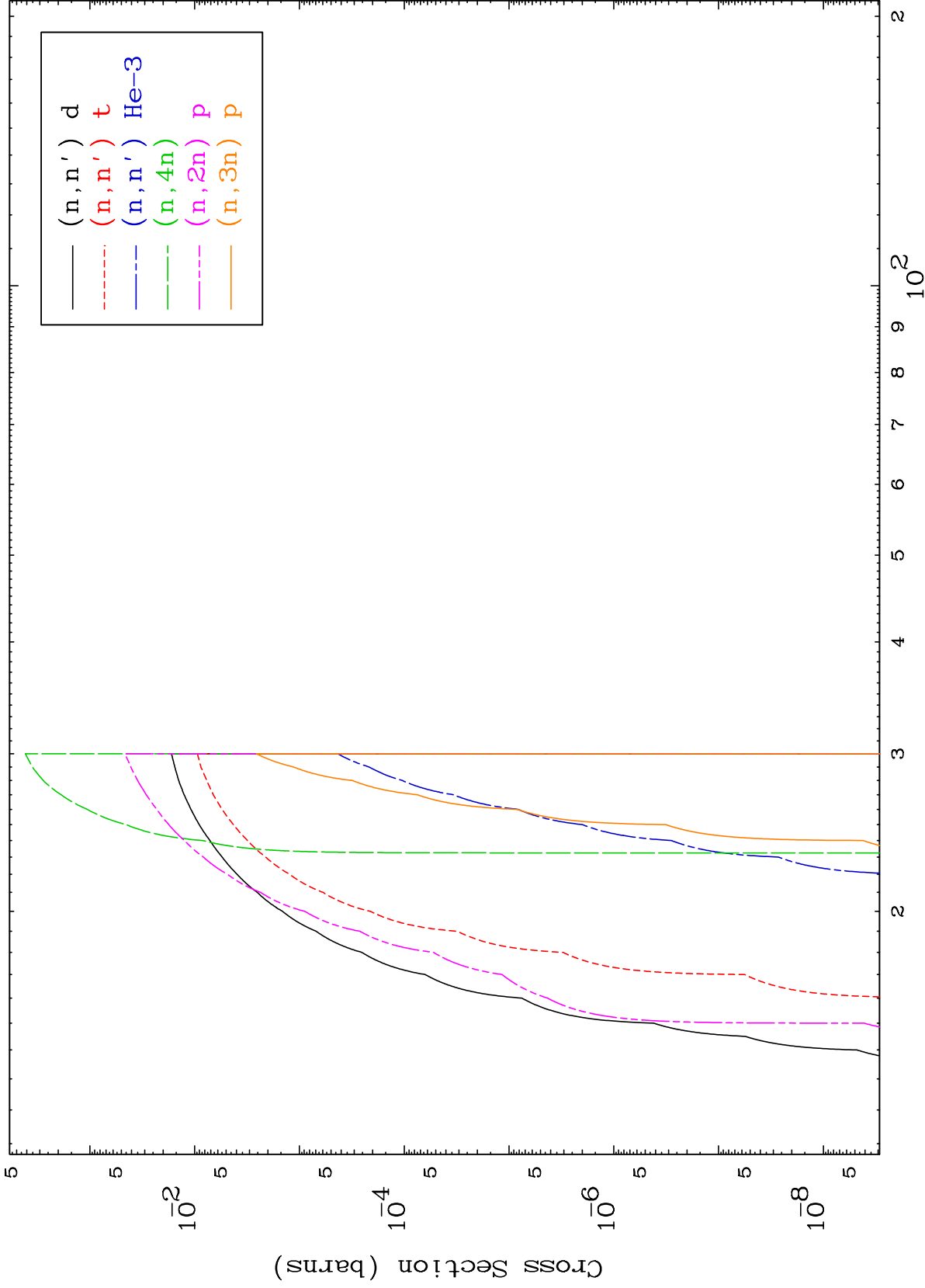
43-Tc-100

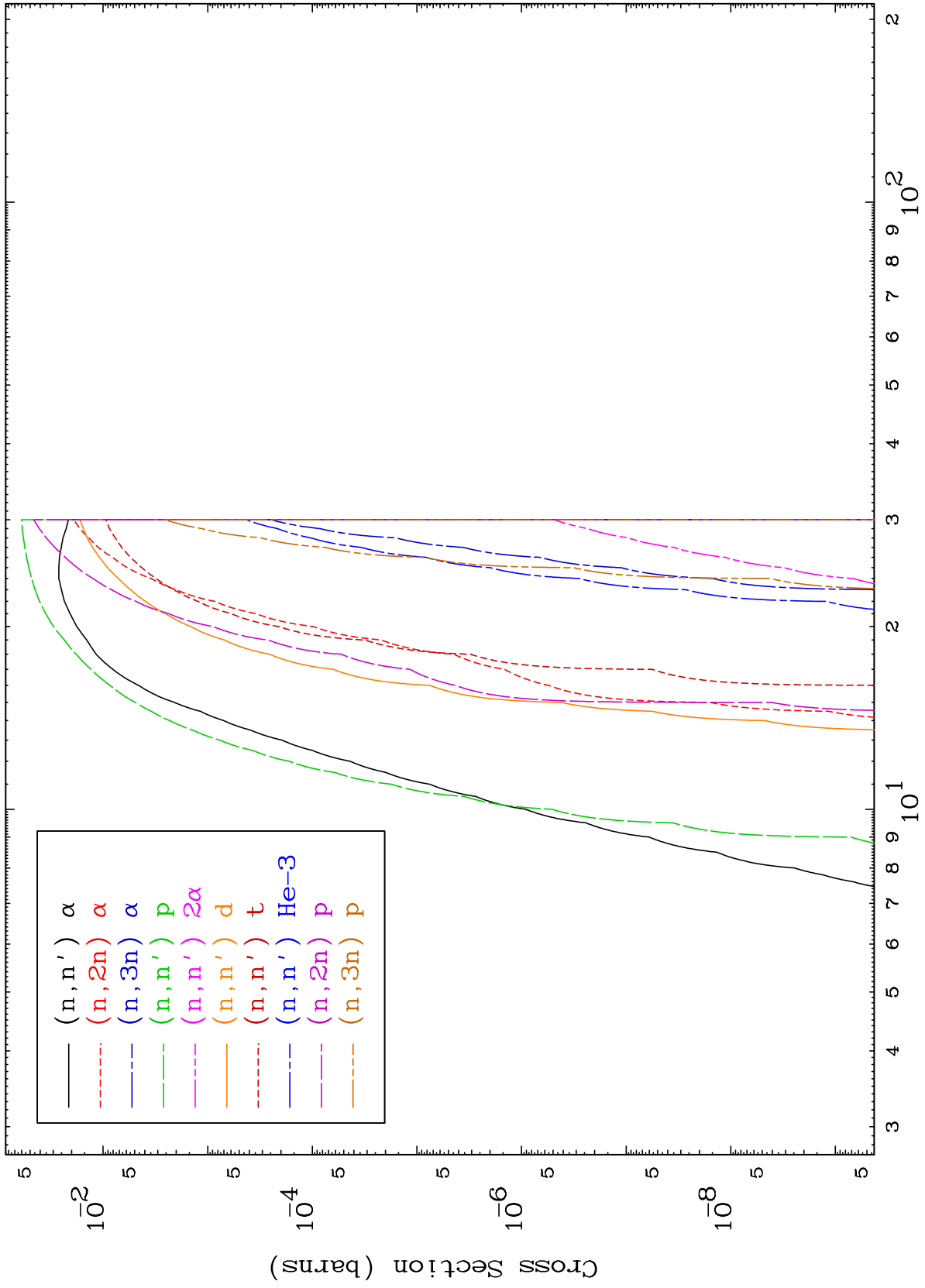


2

Incident Energy (MeV)

43-Tc-100

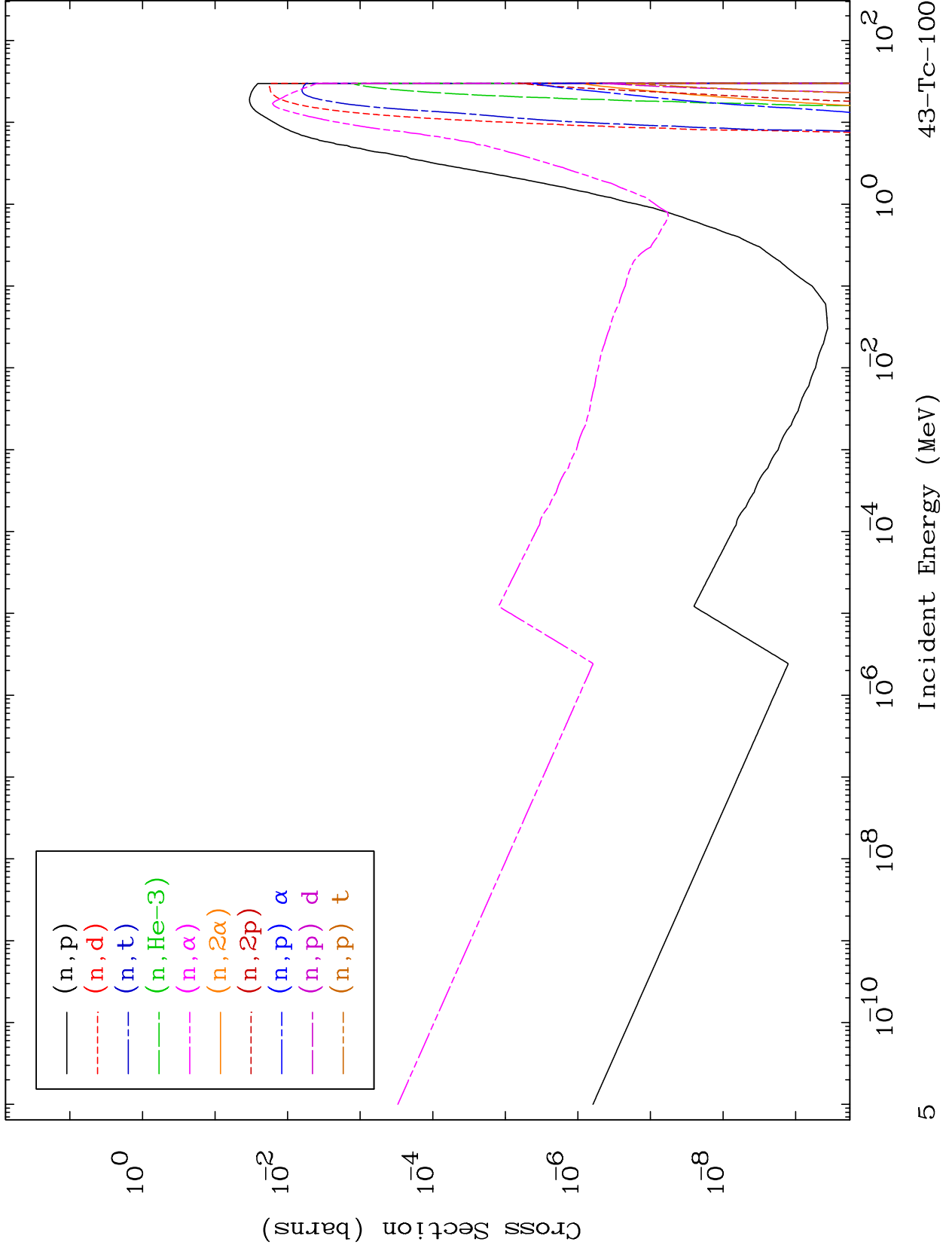




MAT 4328

Charged Particle  
293 Kelvin Cross Sections

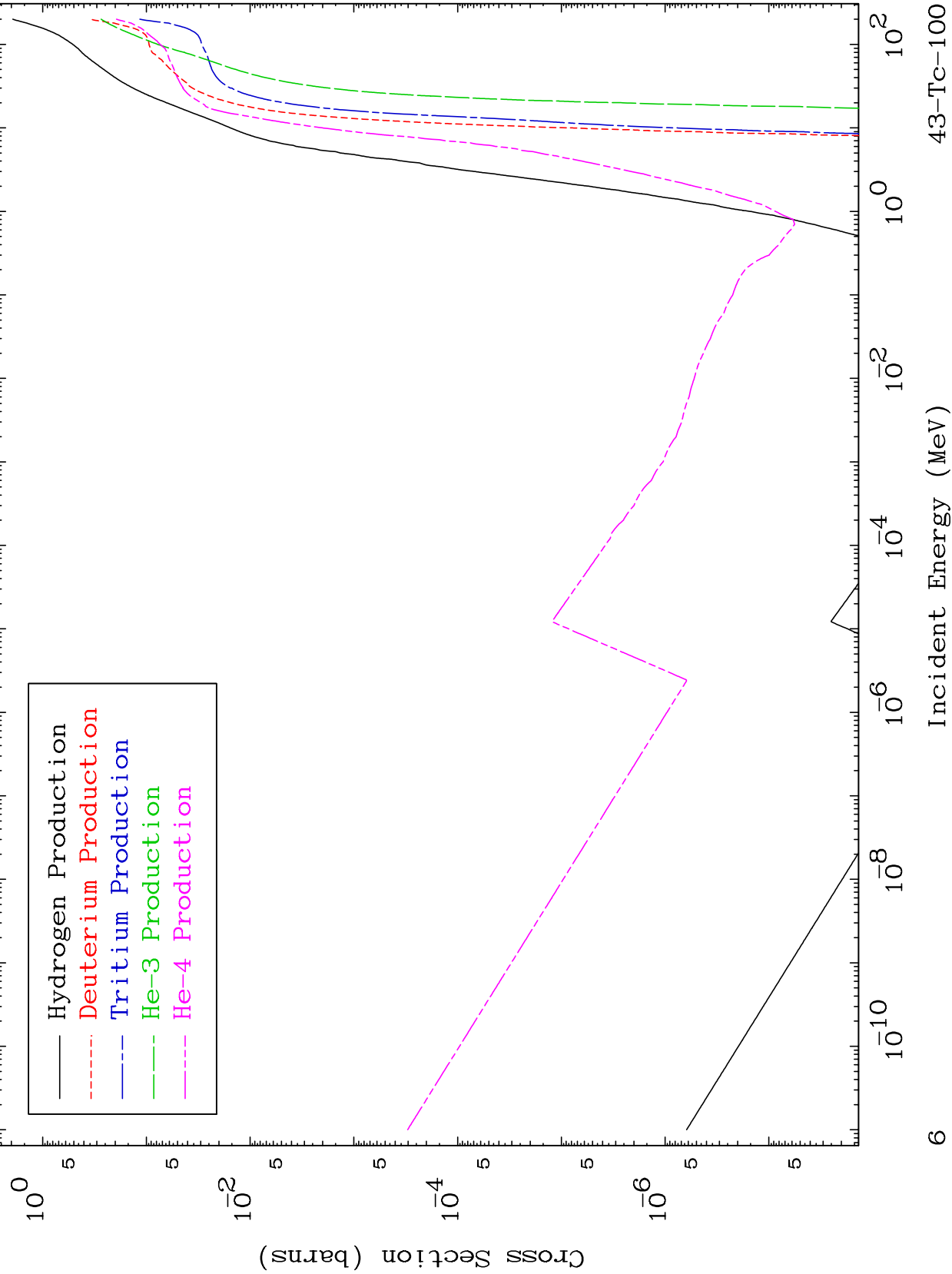
43-Tc-100



MAT 4328

Particle Production  
293 Kelvin Cross Sections

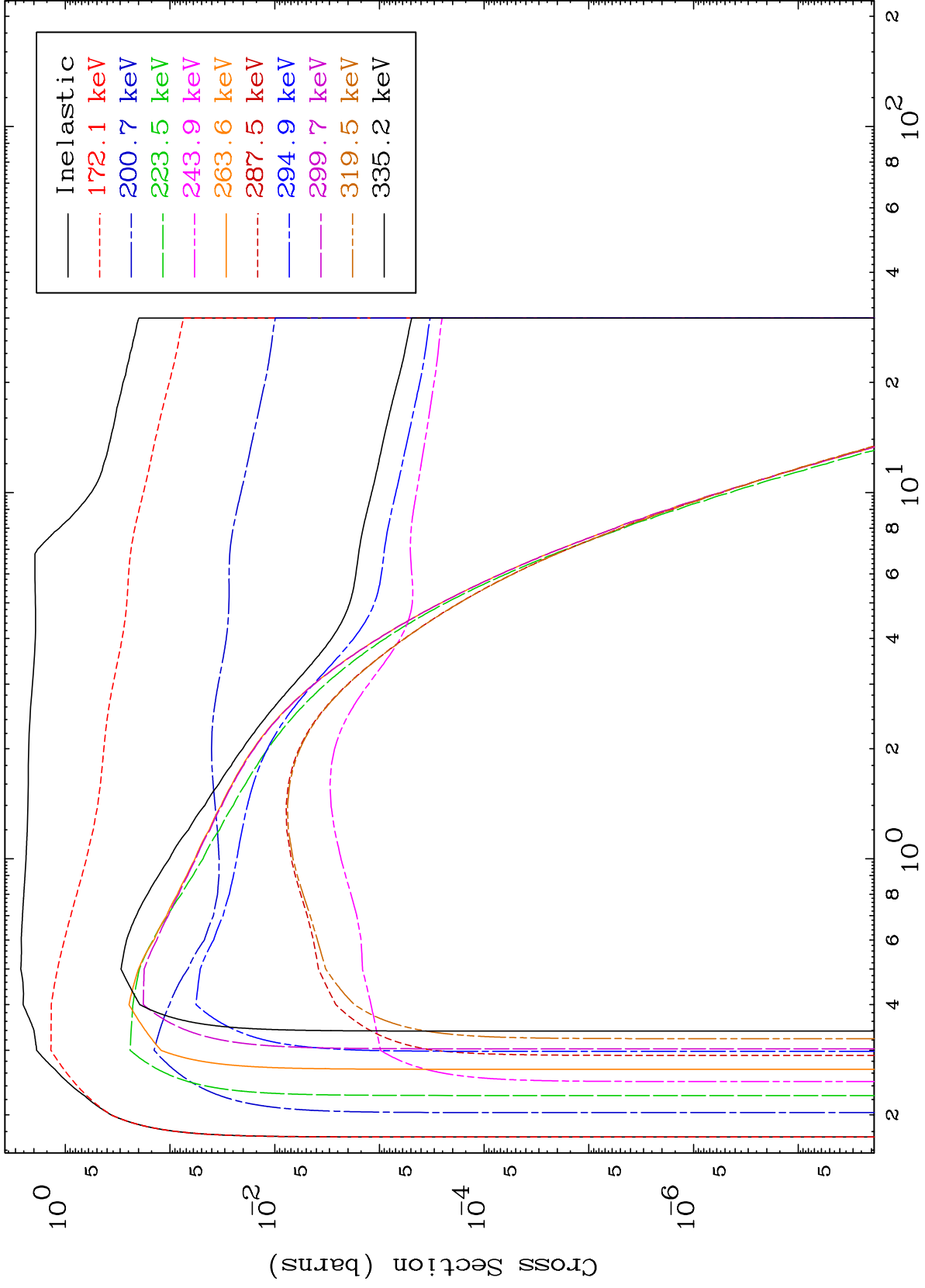
43-Tc-100



MAT 4328

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-100



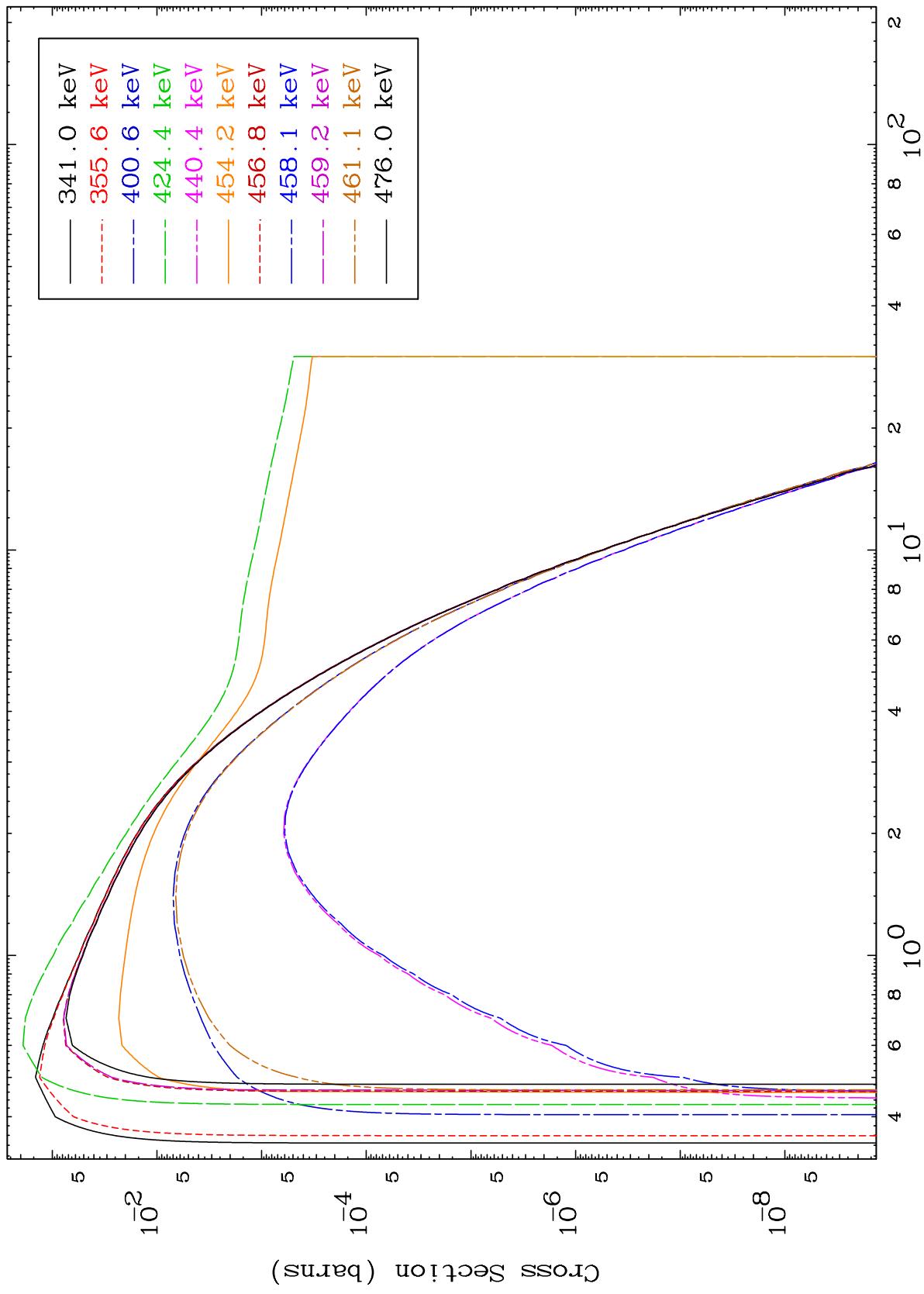


MAT 4328

(n,n') Level

43-Tc-100

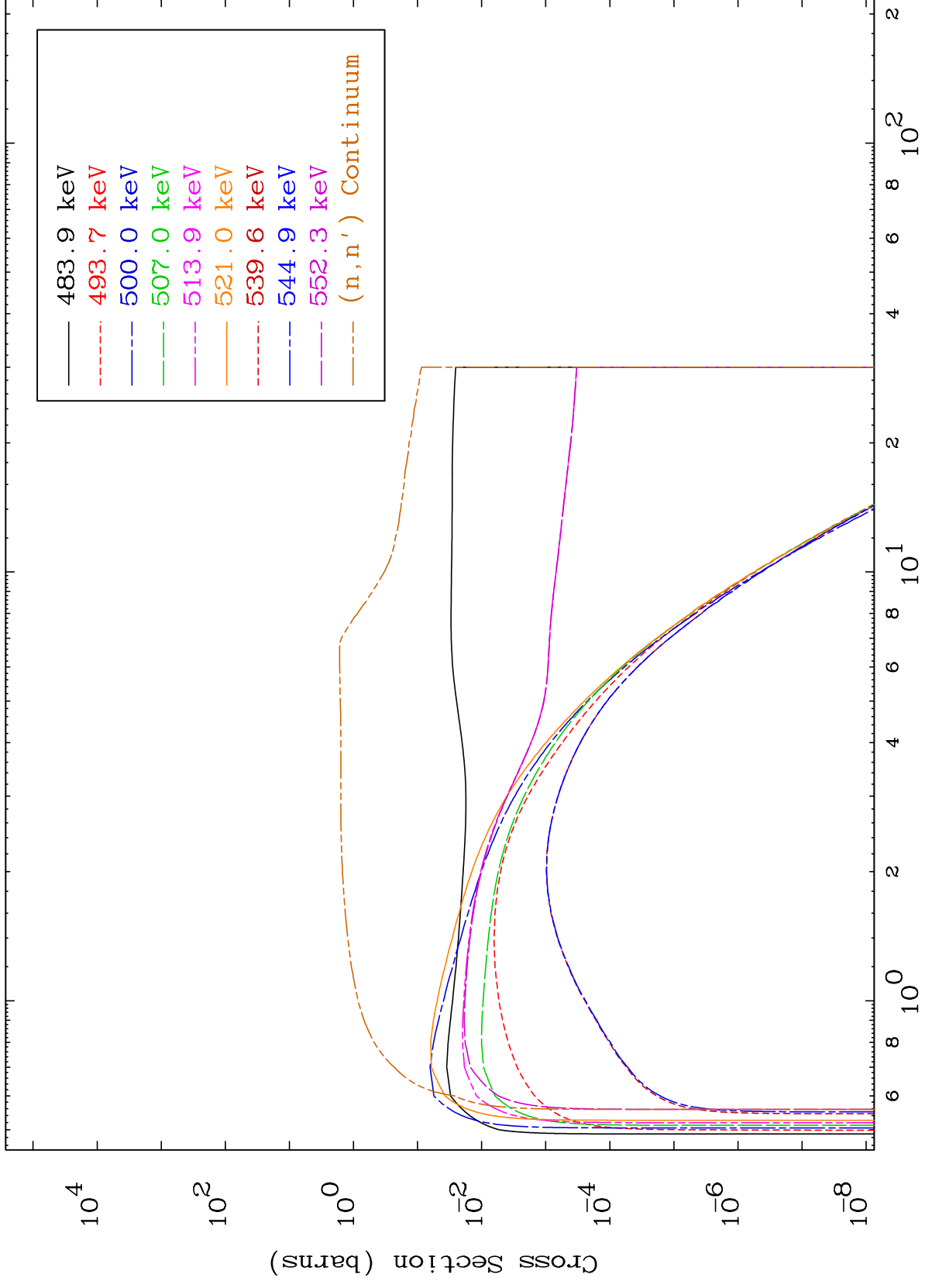
293 Kelvin Cross Sections



8

Incident Energy (MeV)

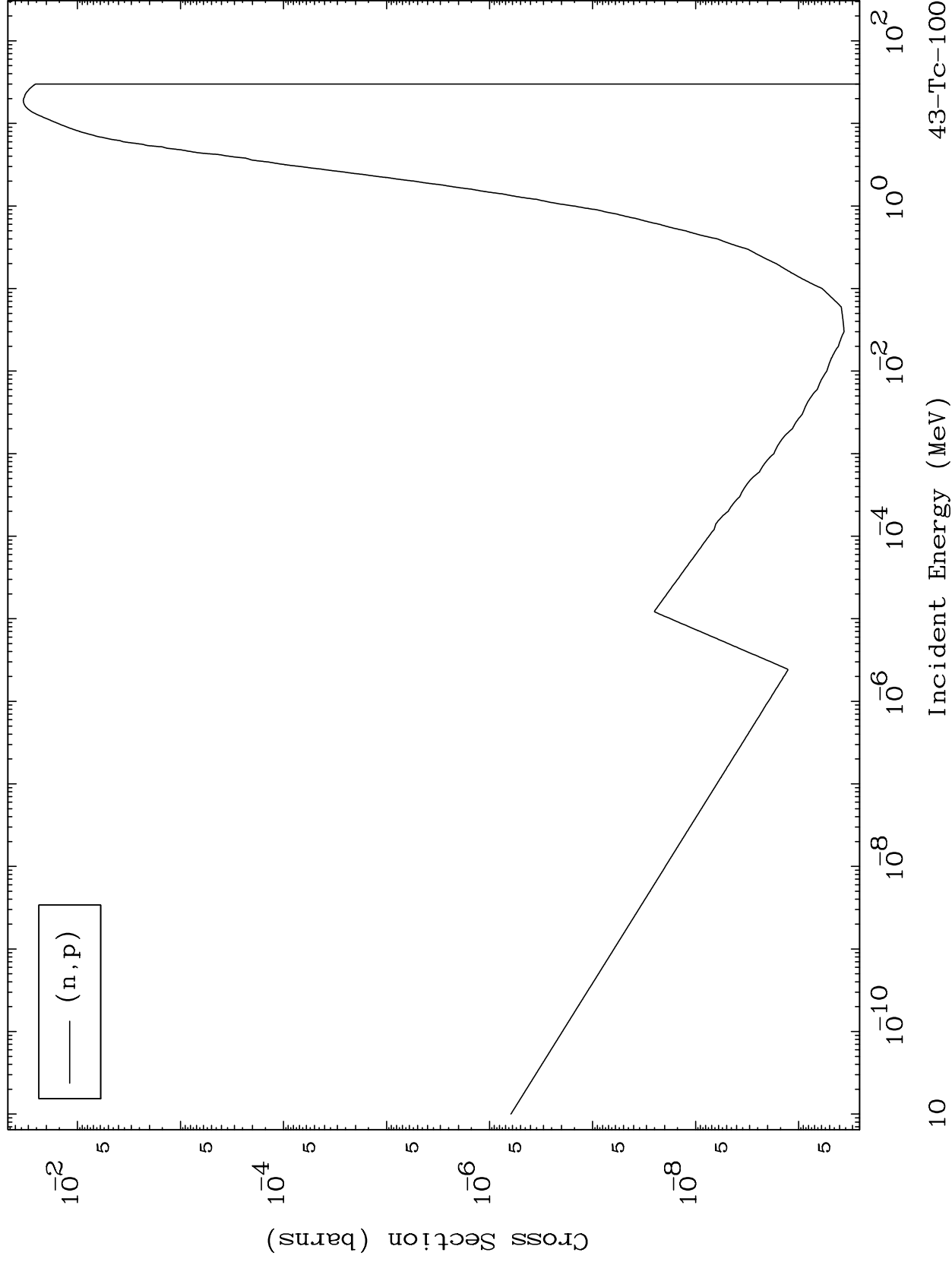
43-Tc-100



MAT 4328

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-100



10

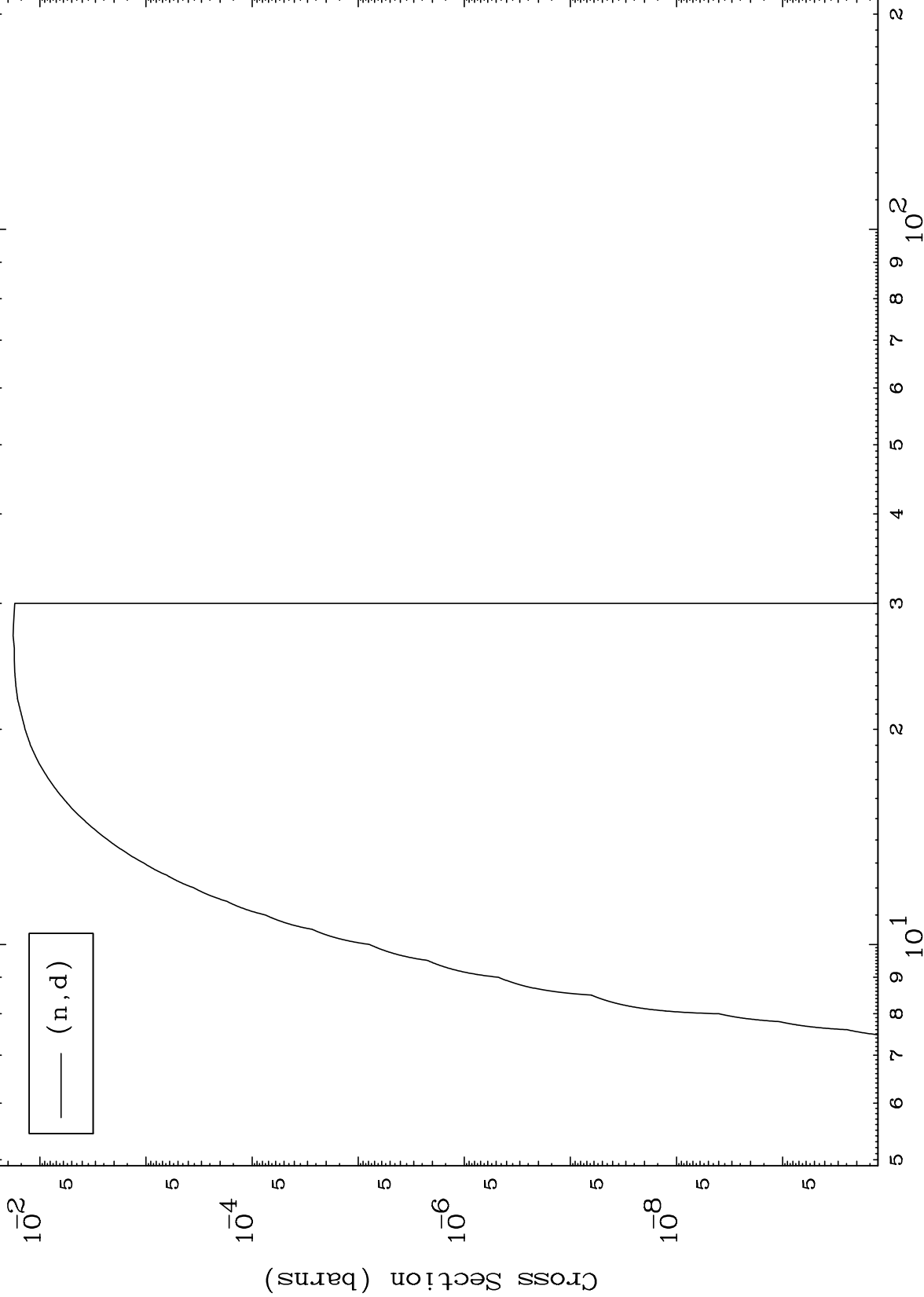
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-100



11

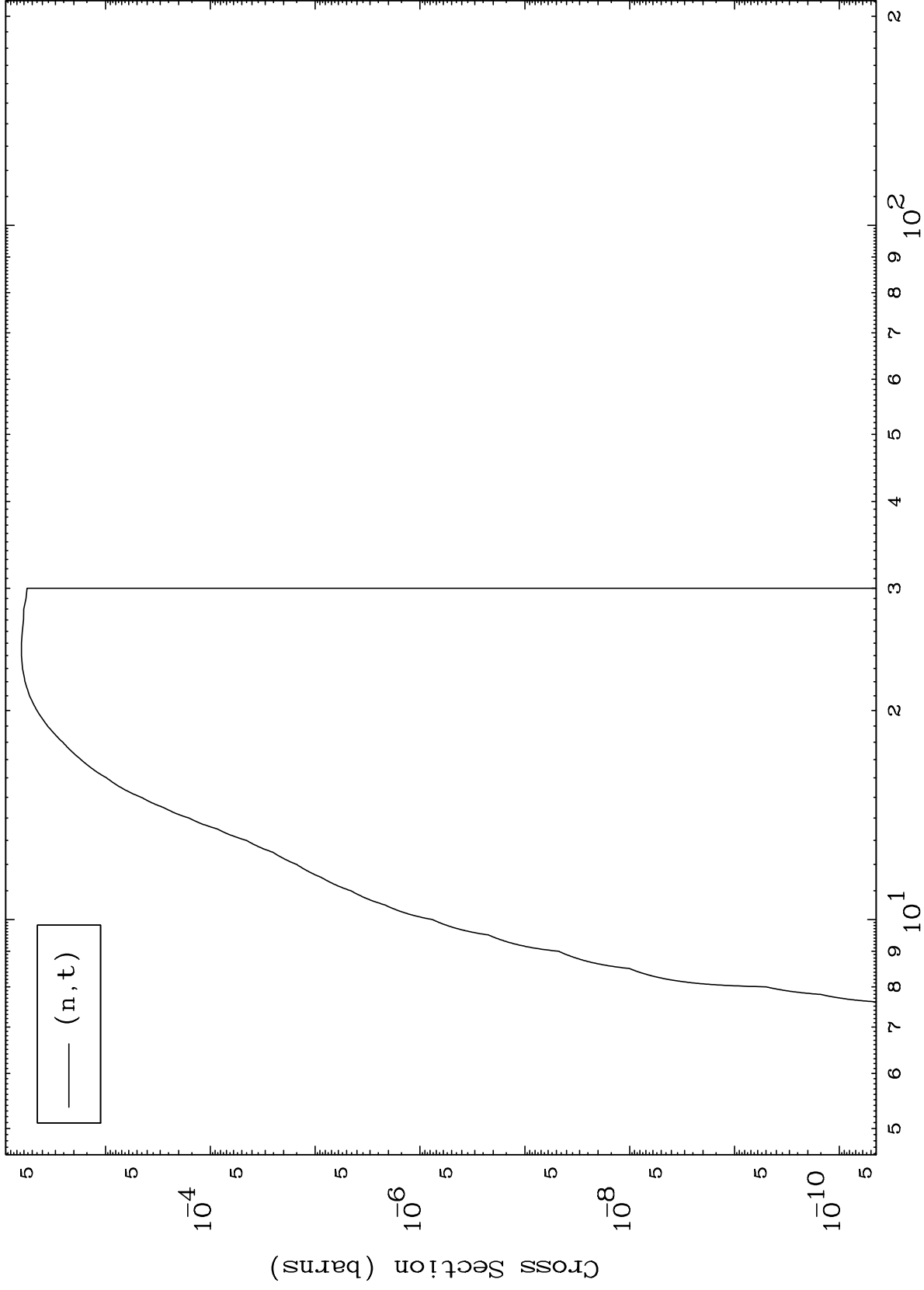
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-100



12

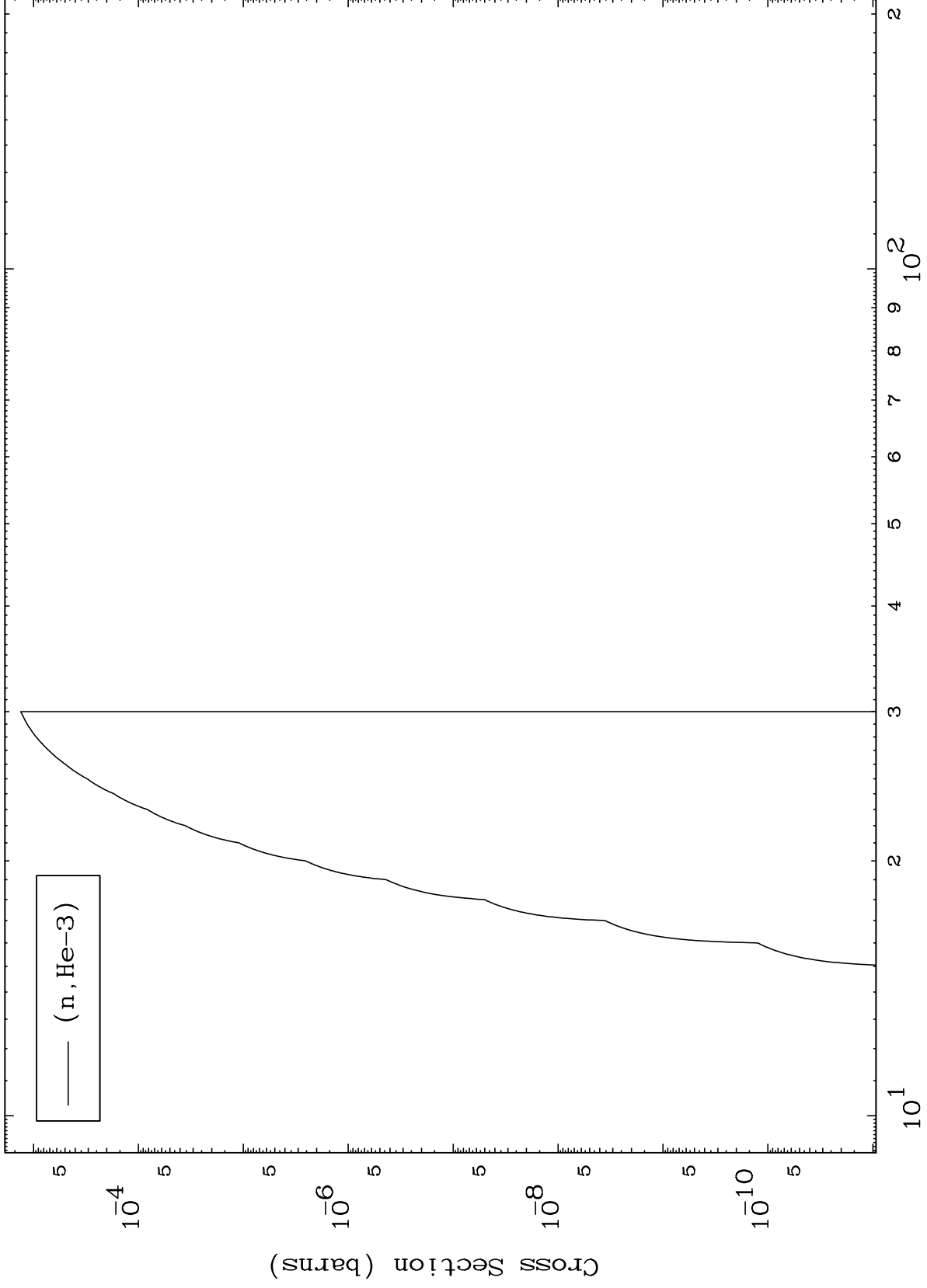
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-100



13

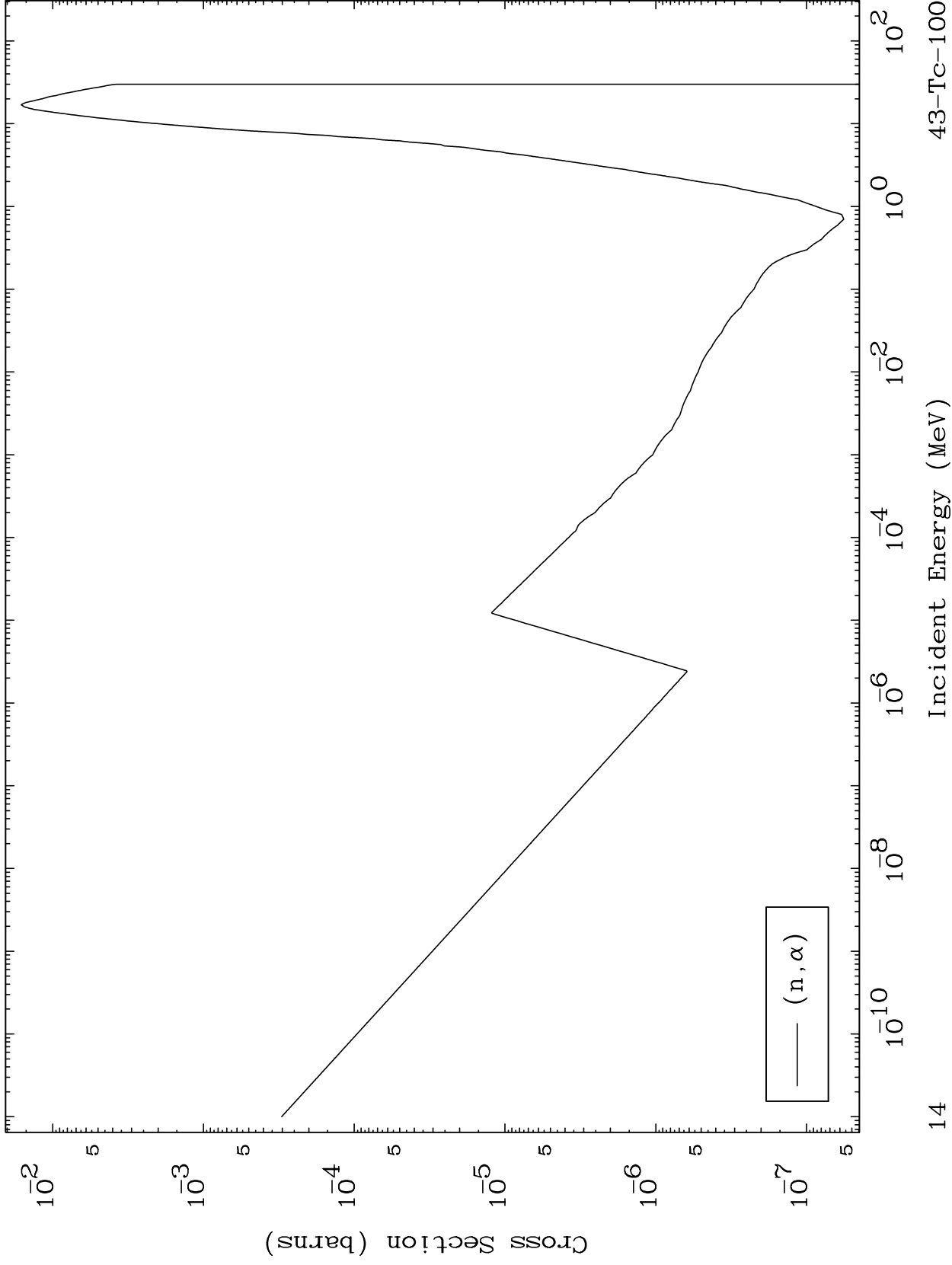
Incident Energy (MeV)

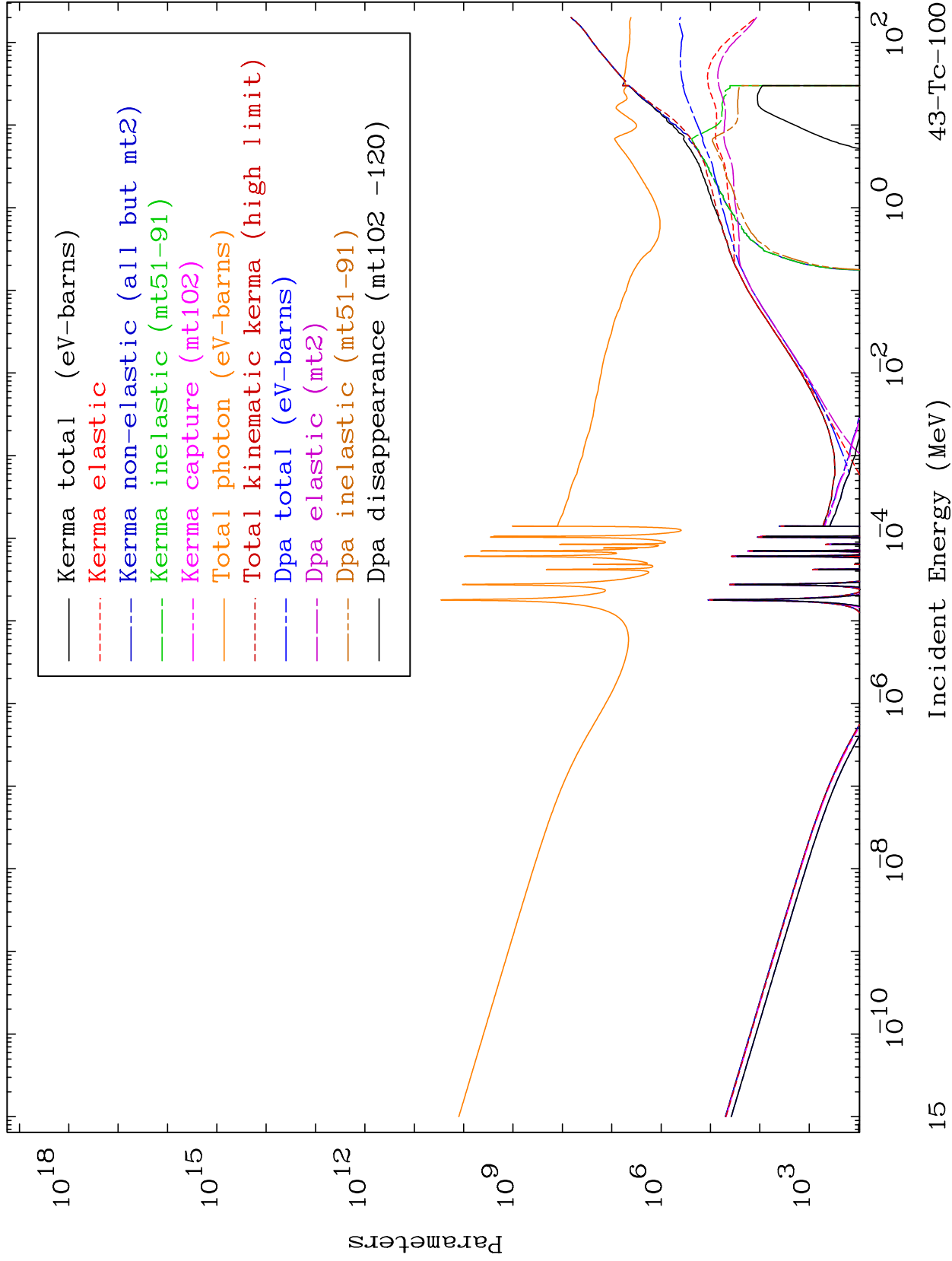
43-Tc-100

MAT 4328

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

43-Tc-100



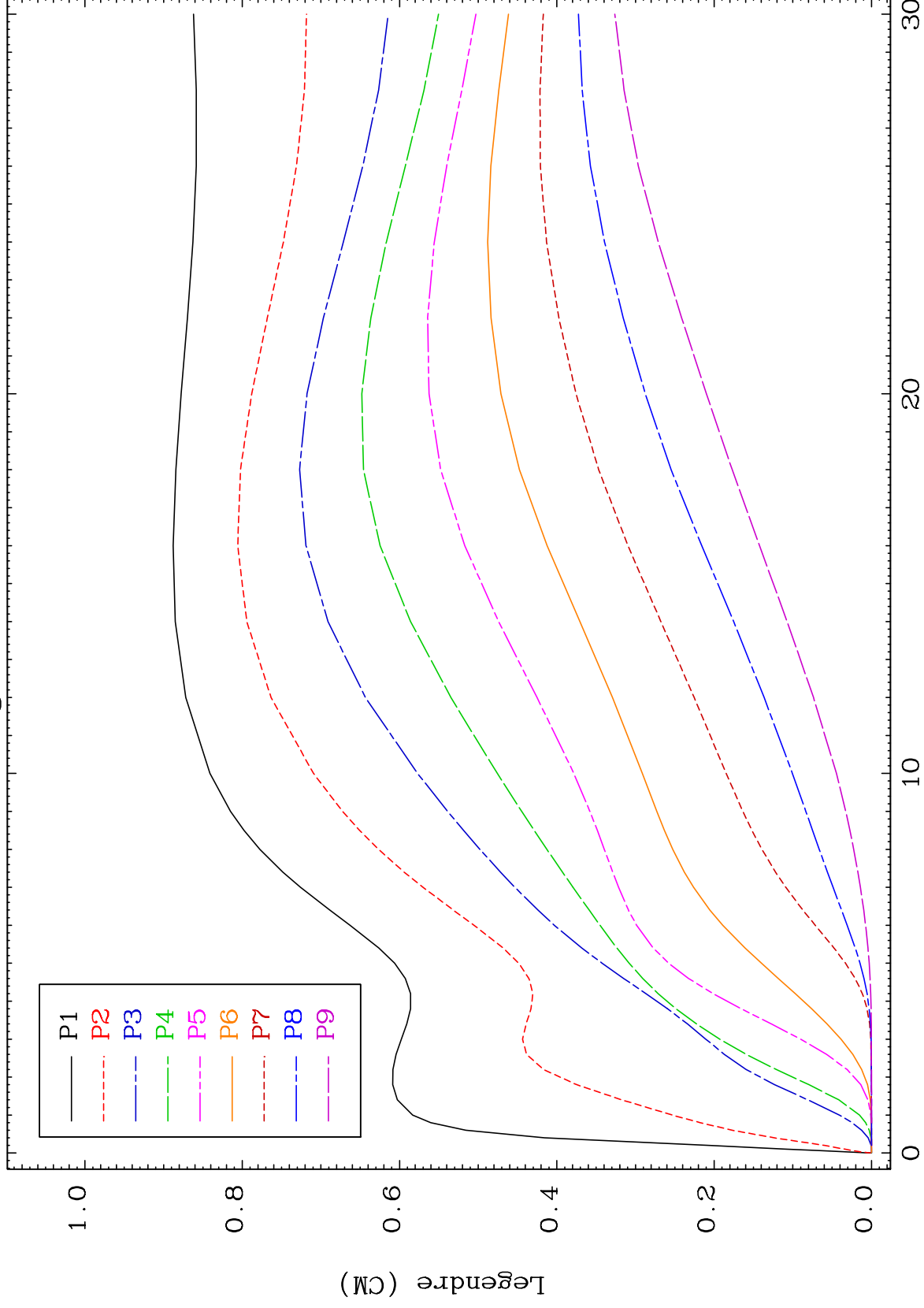




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Elastic Legendre Coefficients

43-Tc-100



16

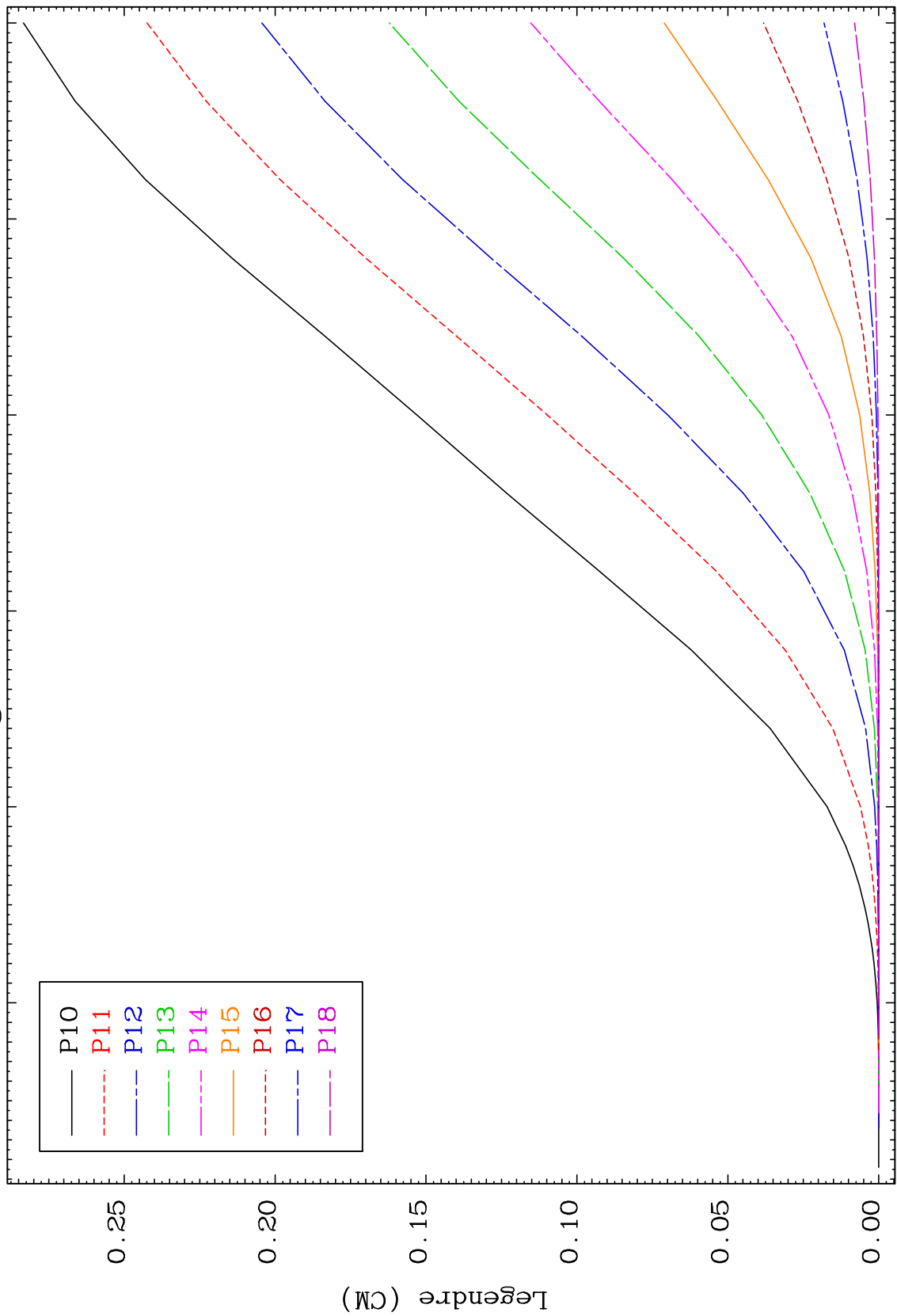
Incident Energy (MeV)

43-Tc-100

MAT 4328

Elastic Legendre Coefficients

43-Tc-100



17

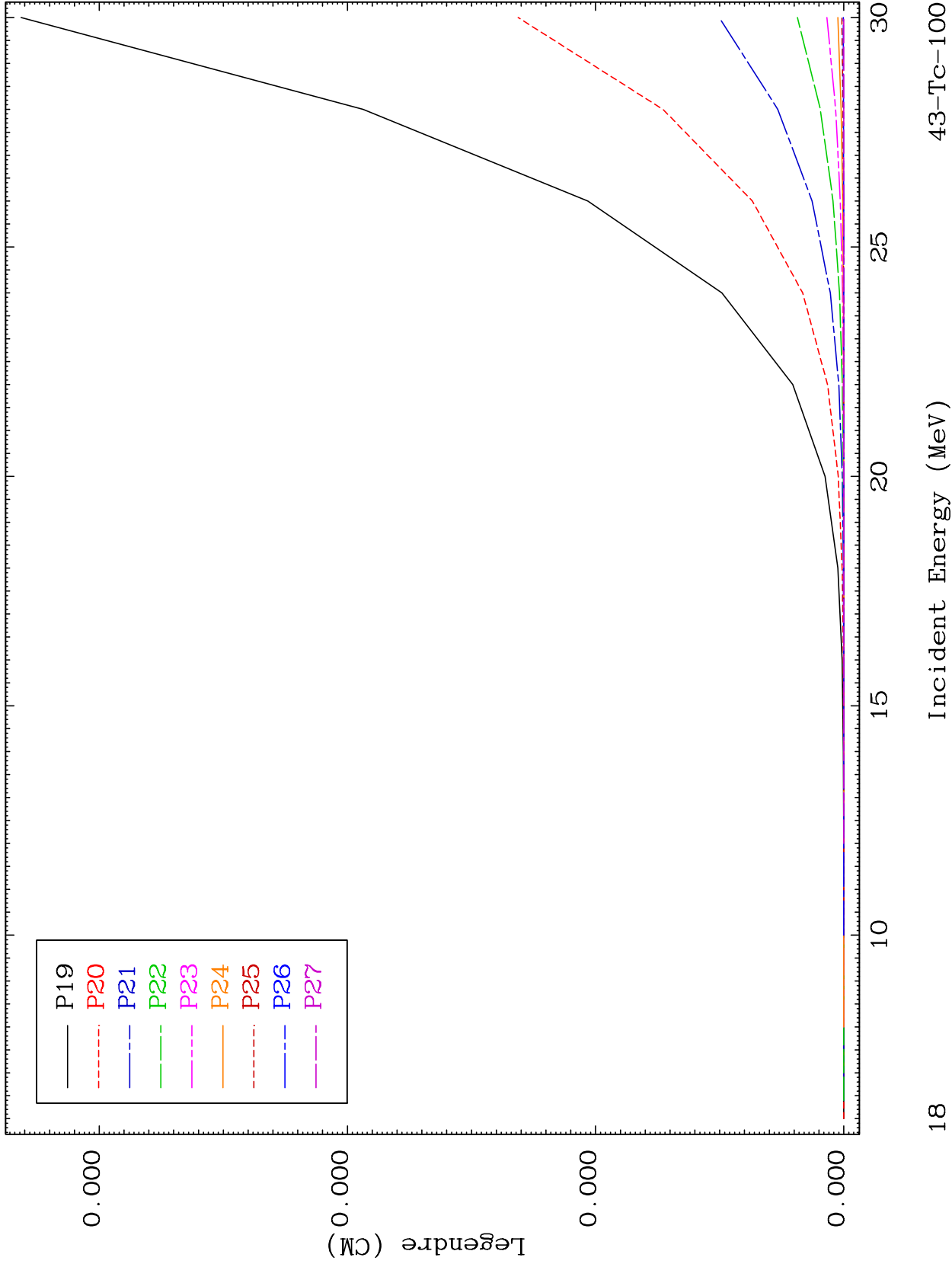
43-Tc-100

Incident Energy (MeV)

MAT 4328

### Elastic Legendre Coefficients

43-Tc-100



18

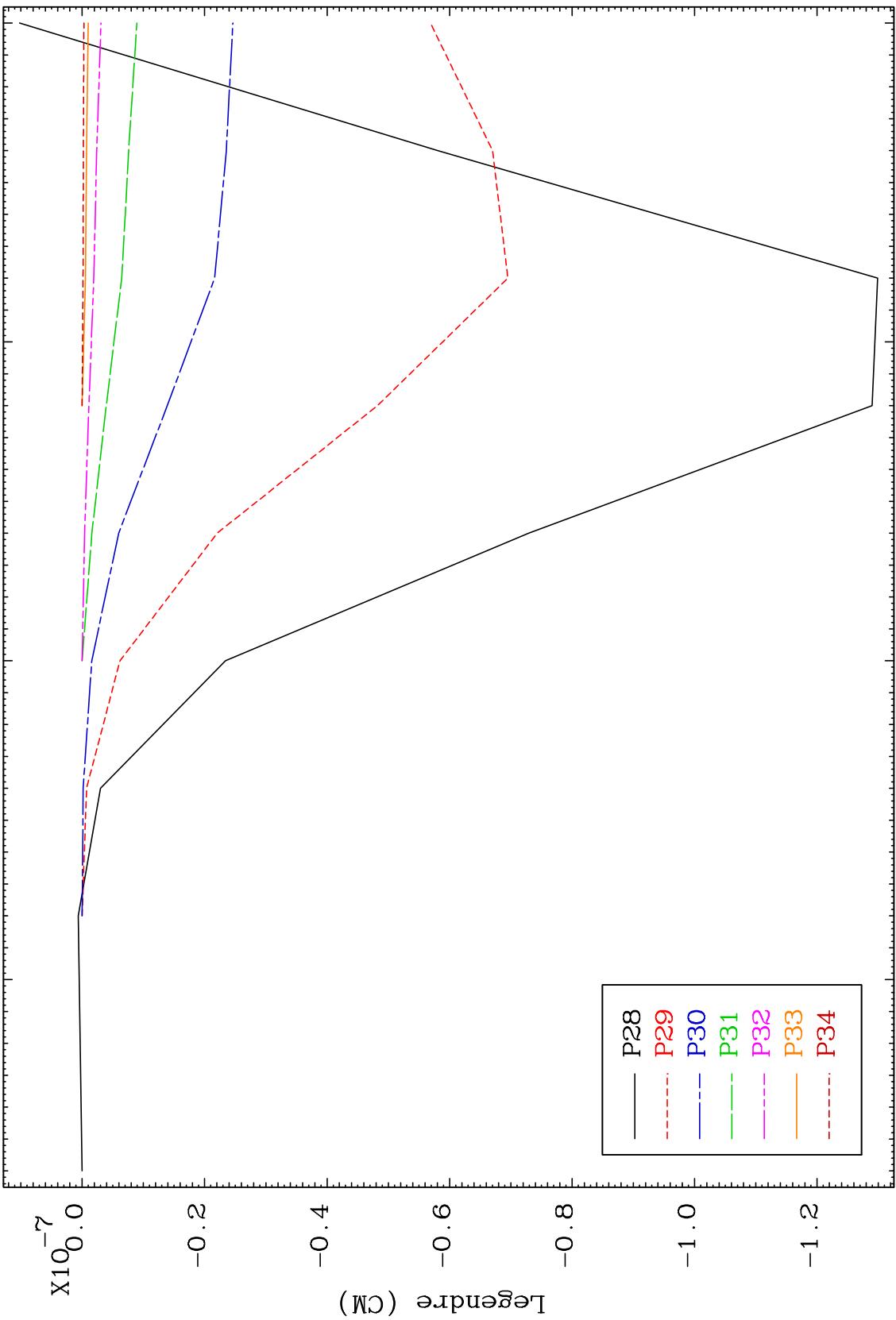
Incident Energy (MeV)

43-Tc-100

MAT 4328

43-Tc-100

Elastic Legendre Coefficients



30

25

20

15

19

Incident Energy (MeV)

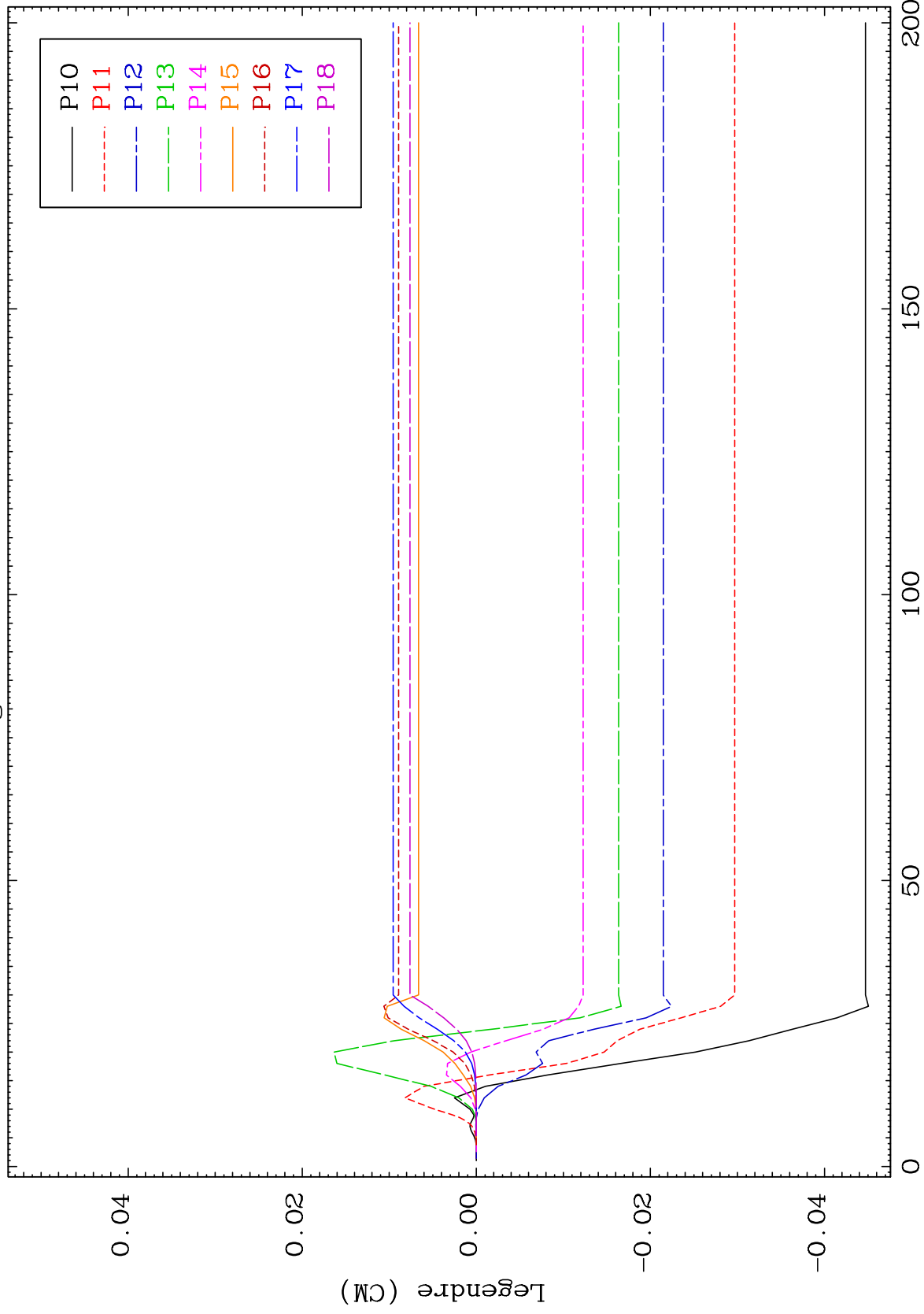
43-Tc-100



MAT 4328

172.1 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



21

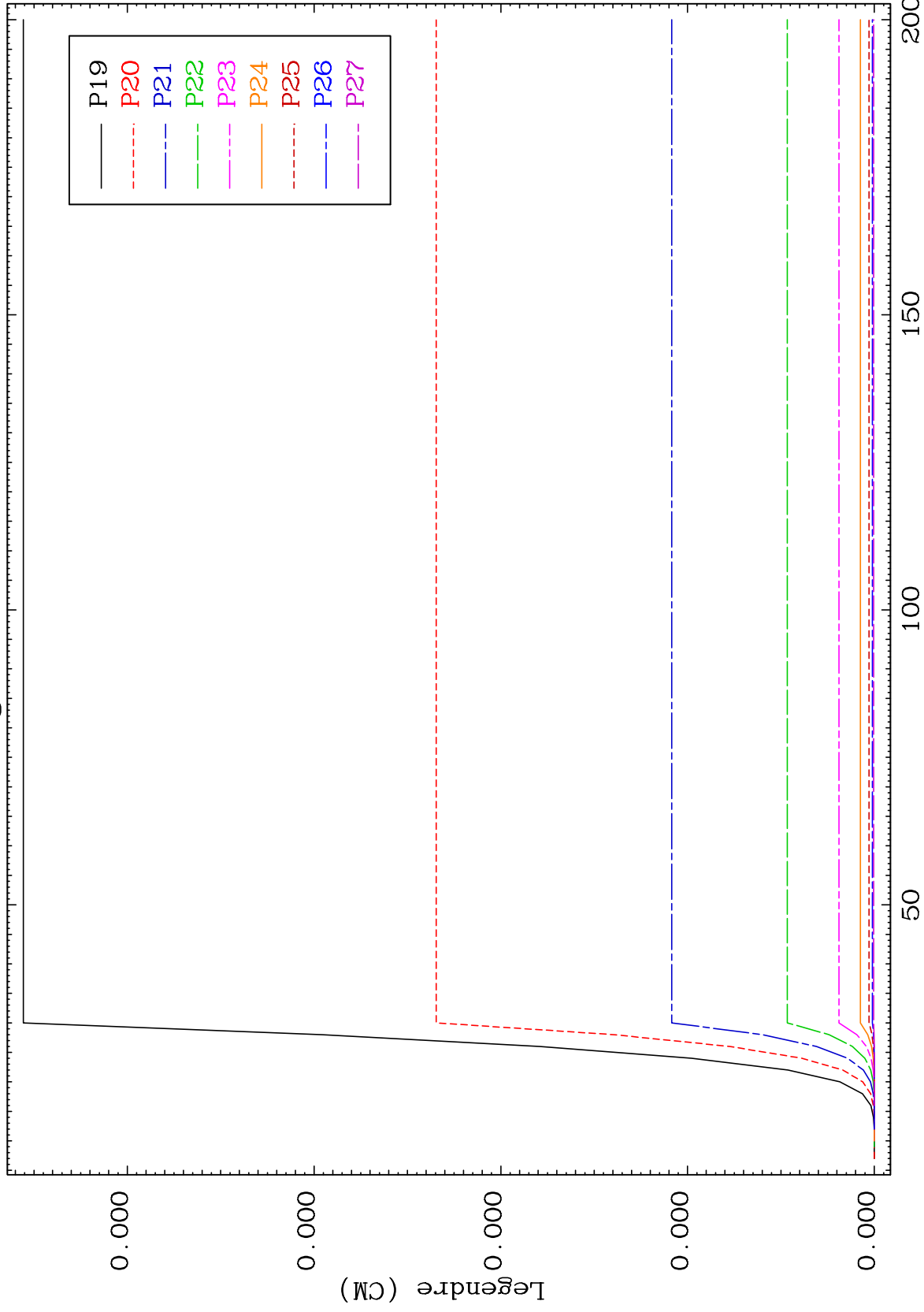
Incident Energy (MeV)

43-Tc-100

MAT 4328

172.1 keV (n,n') Level  
Legendre Coefficients

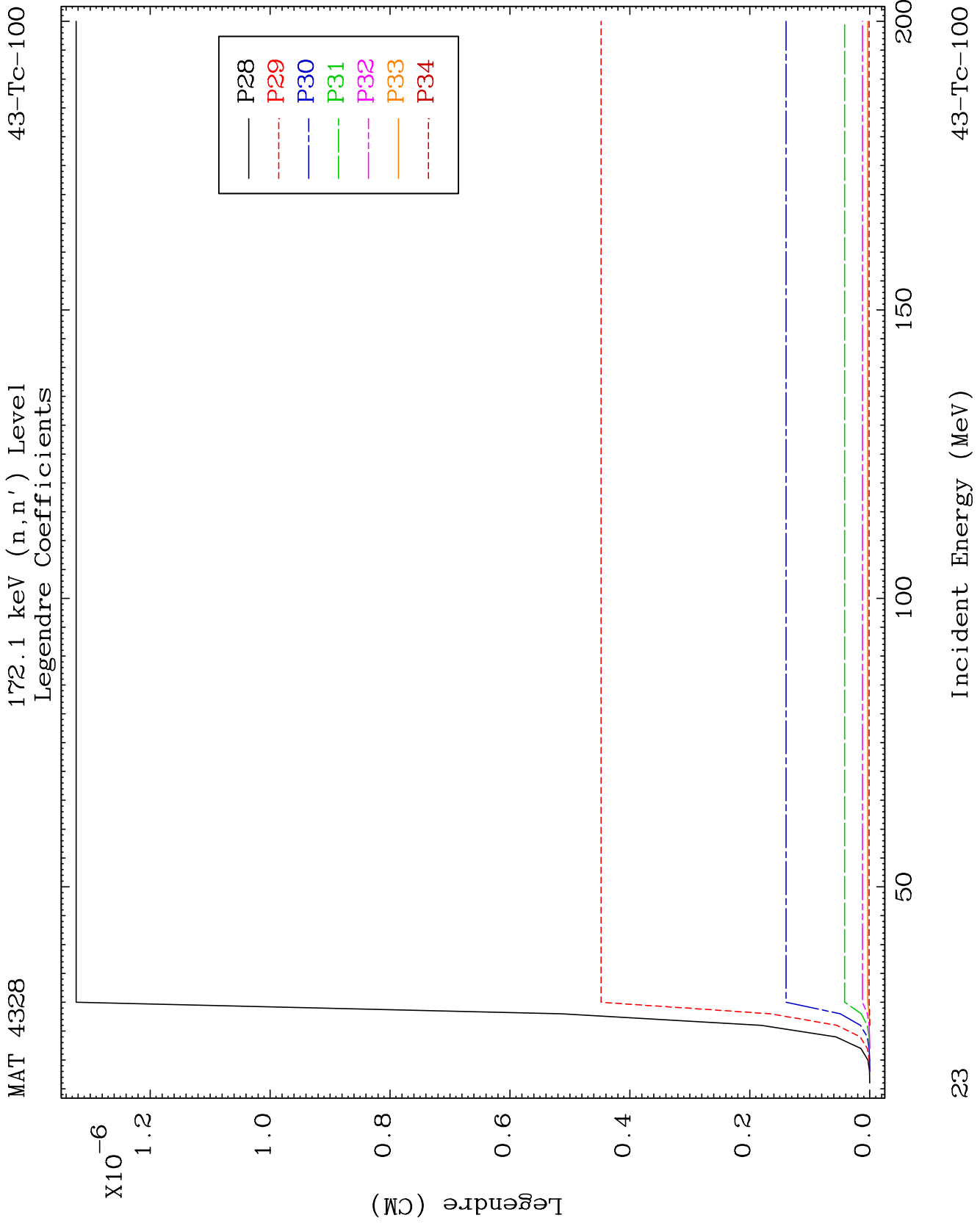
43-Tc-100



22

Incident Energy (MeV)

43-Tc-100

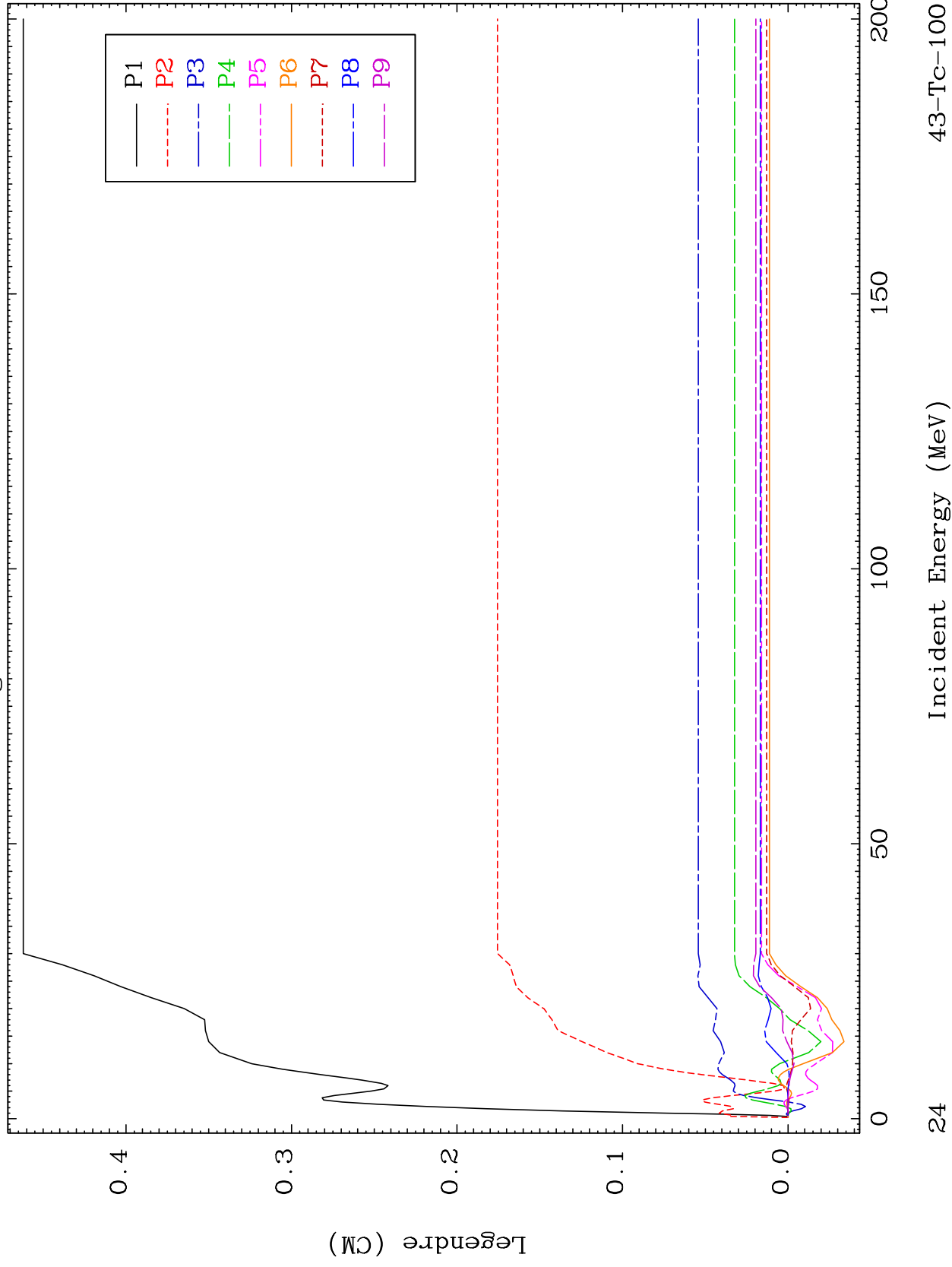




MAT 4328

200.7 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



24

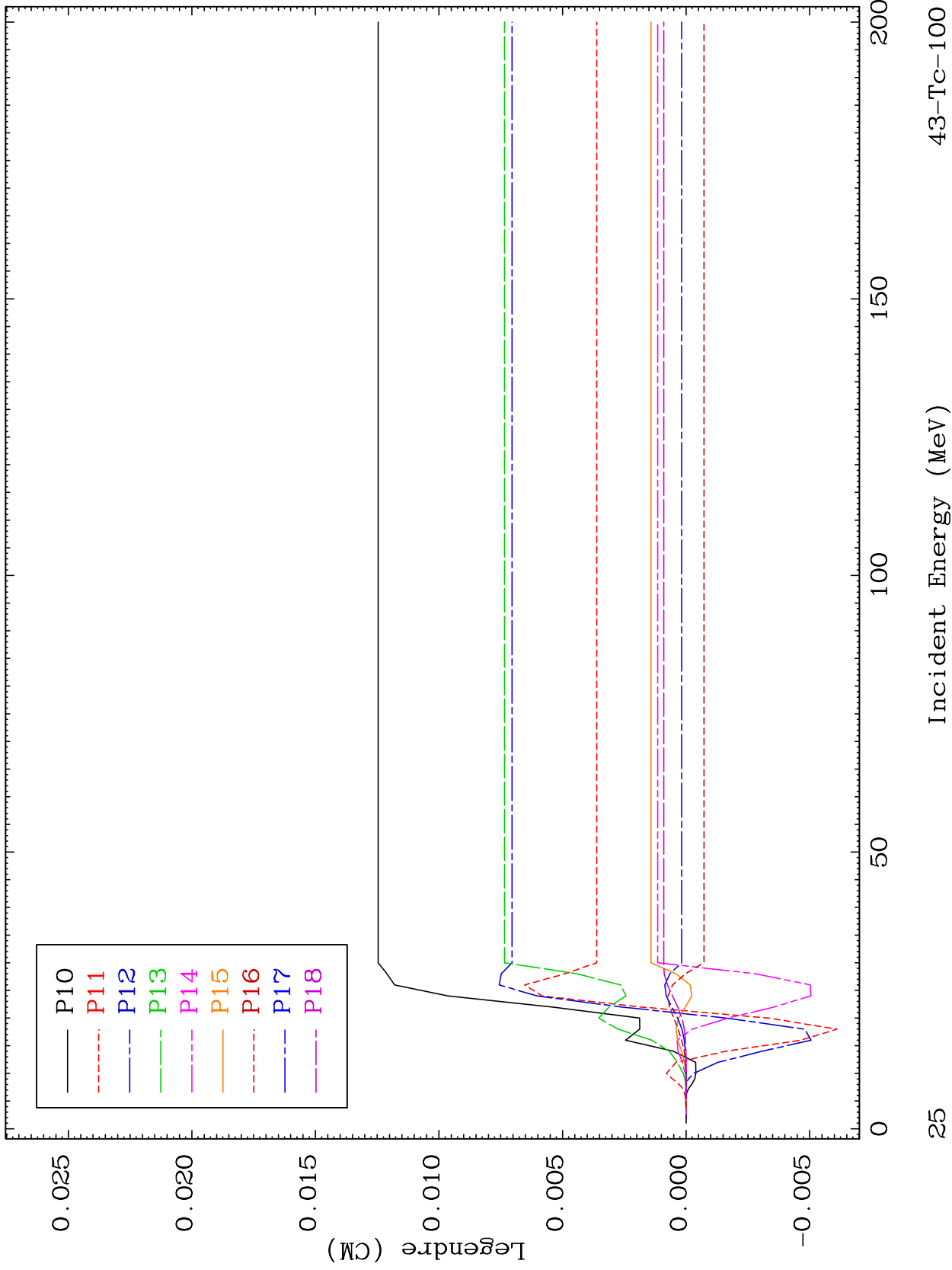
Incident Energy (MeV)

43-Tc-100

MAT 4328

200.7 keV (n,n') Level  
Legendre Coefficients

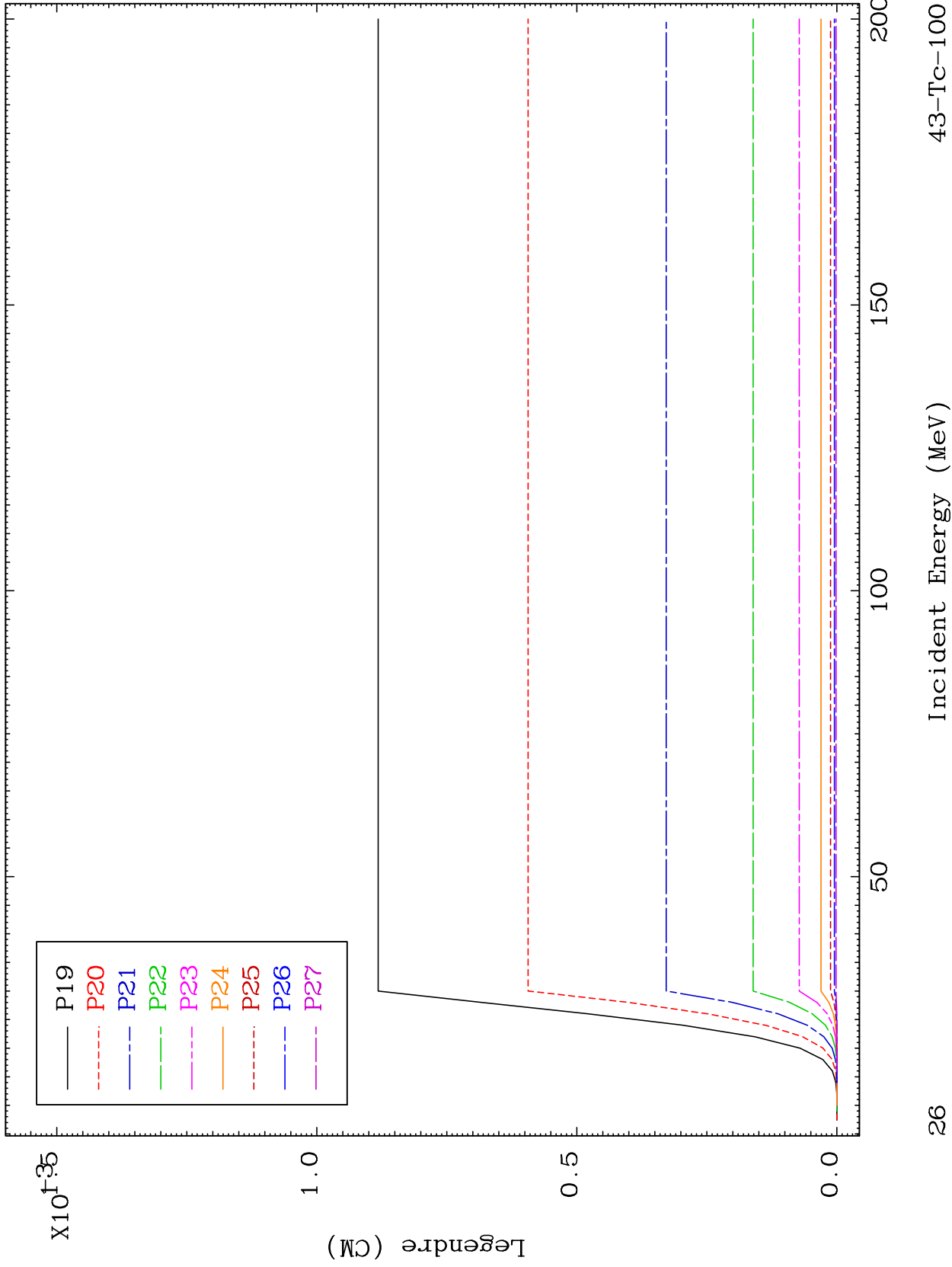
43-Tc-100

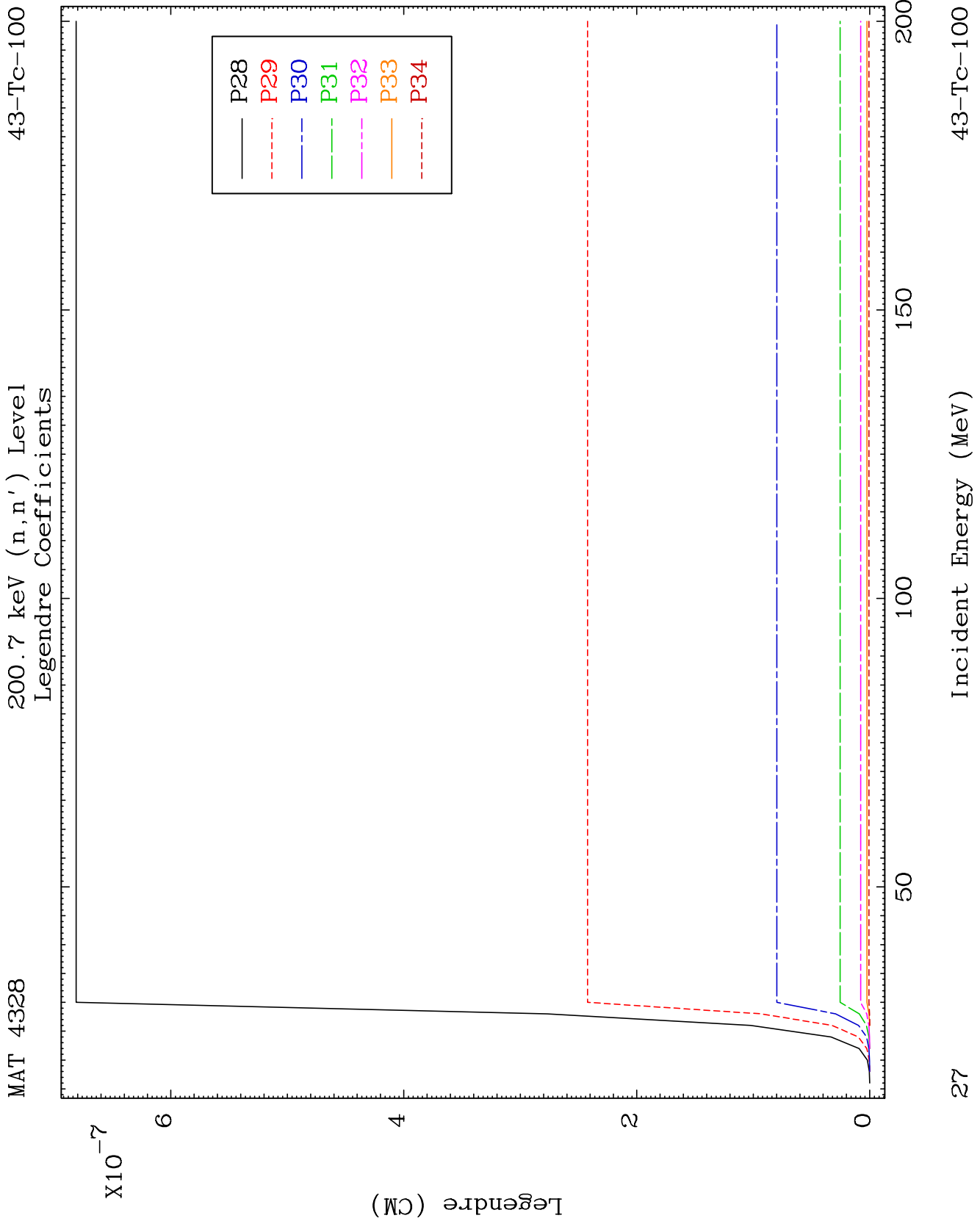


43-Tc-100

Incident Energy (MeV)

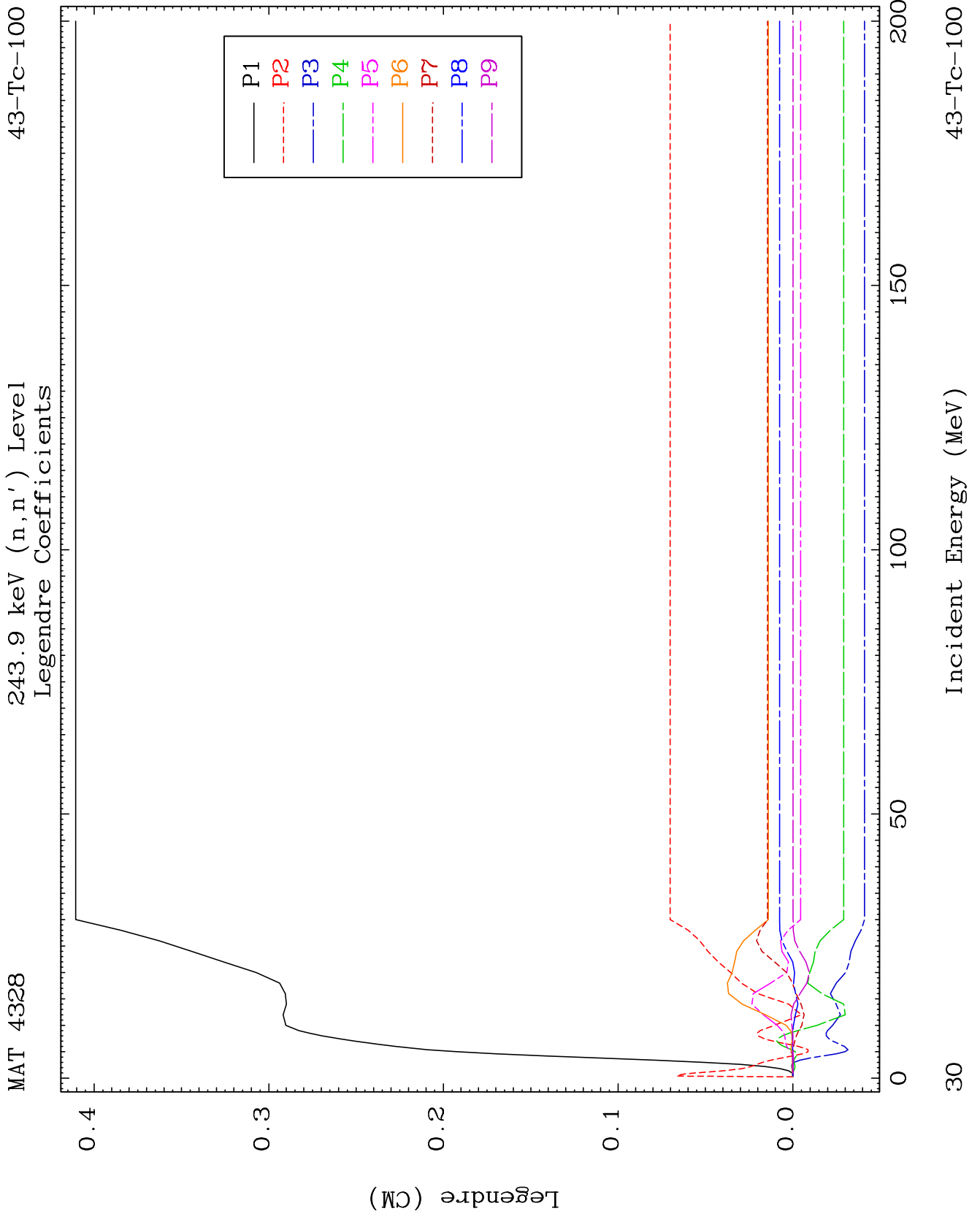
25







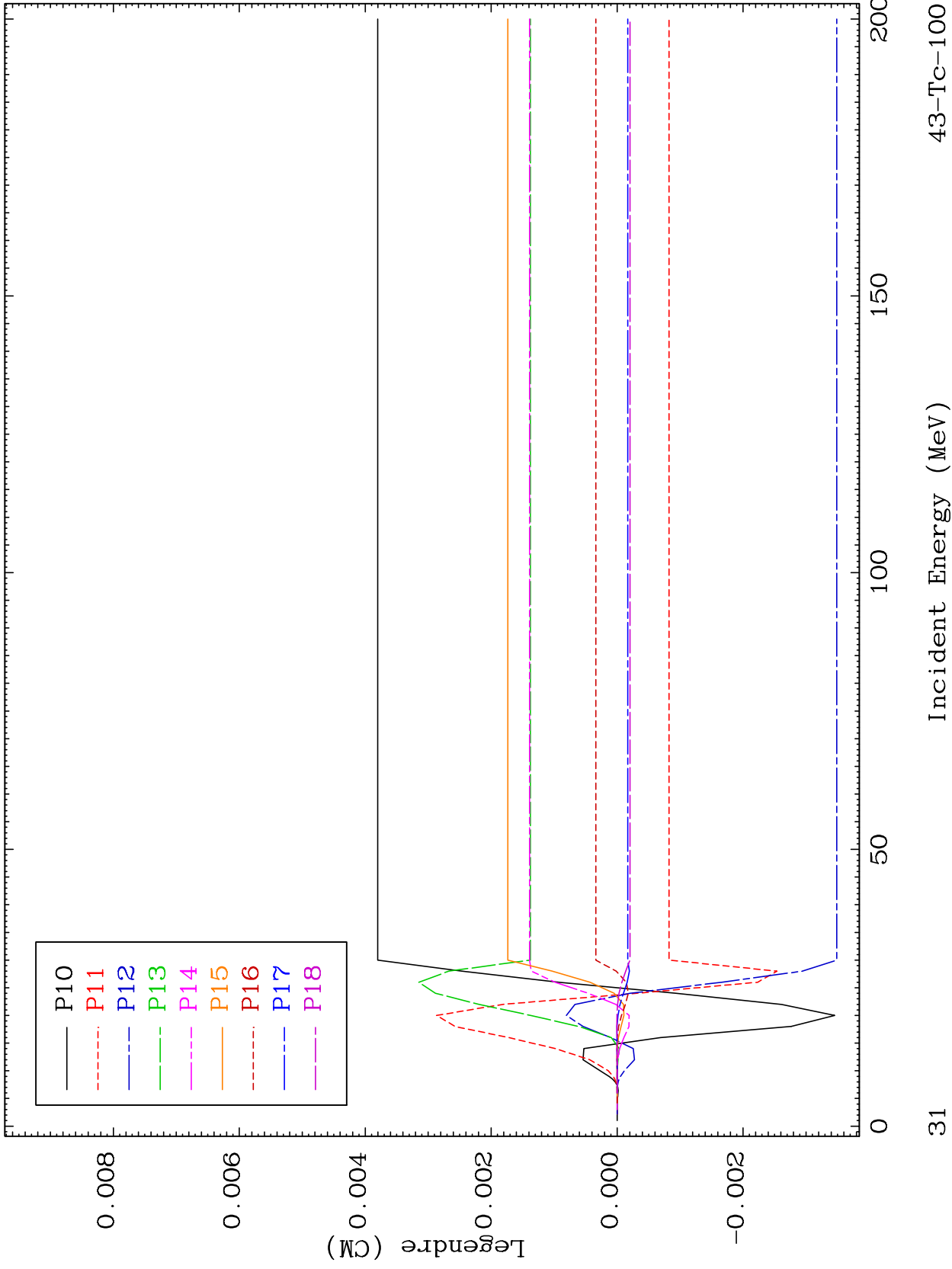




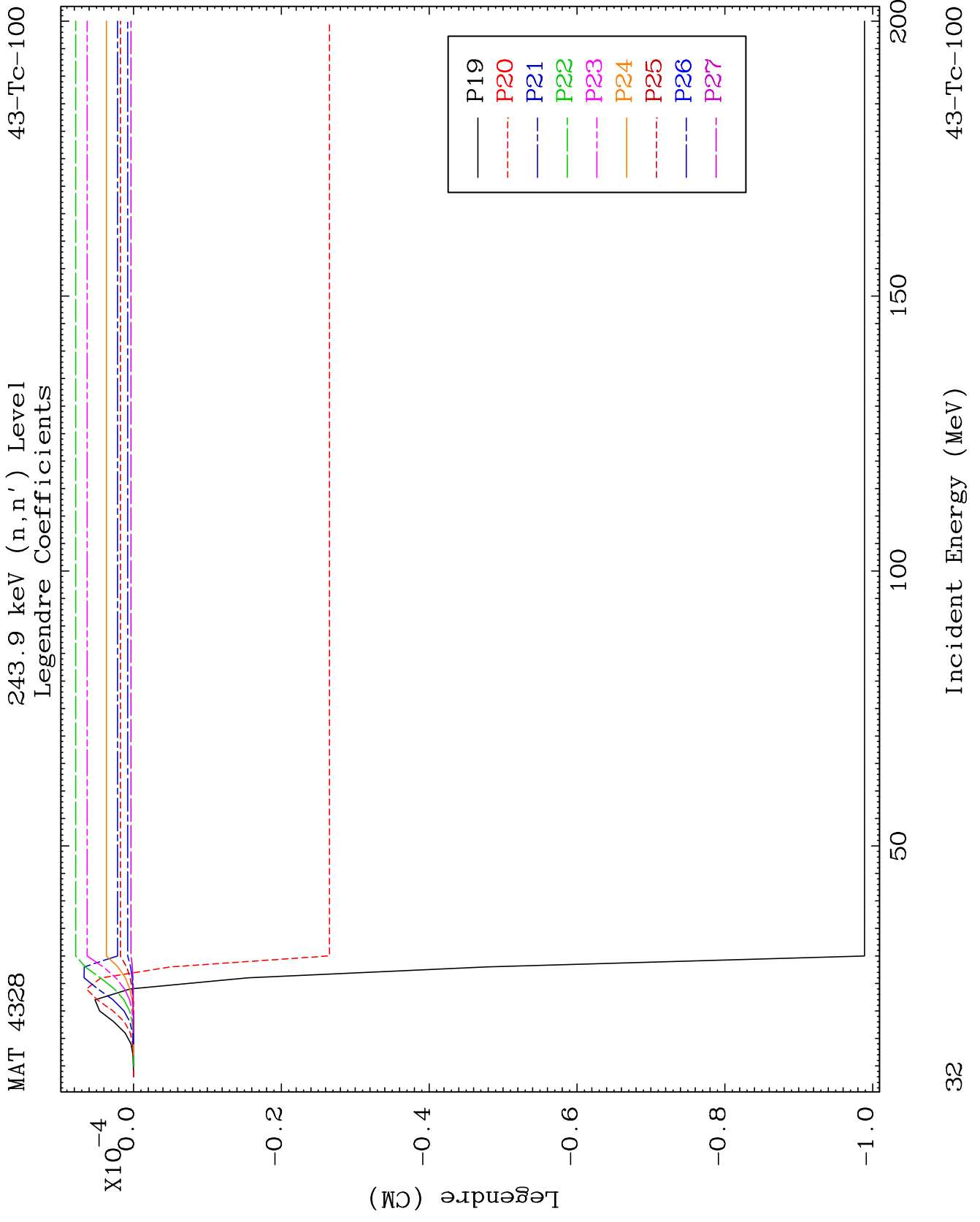
MAT 4328

243.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



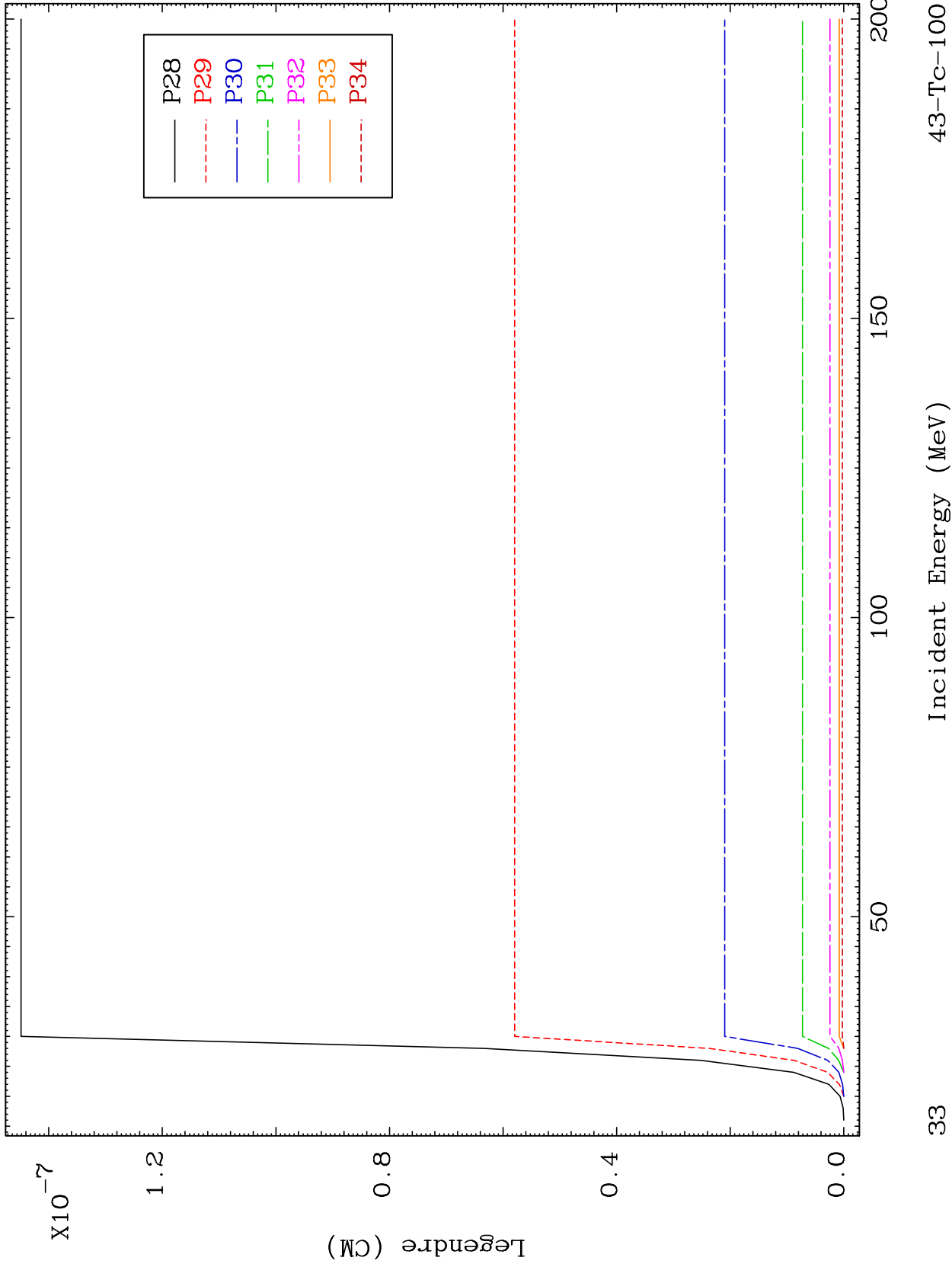




MAT 4328

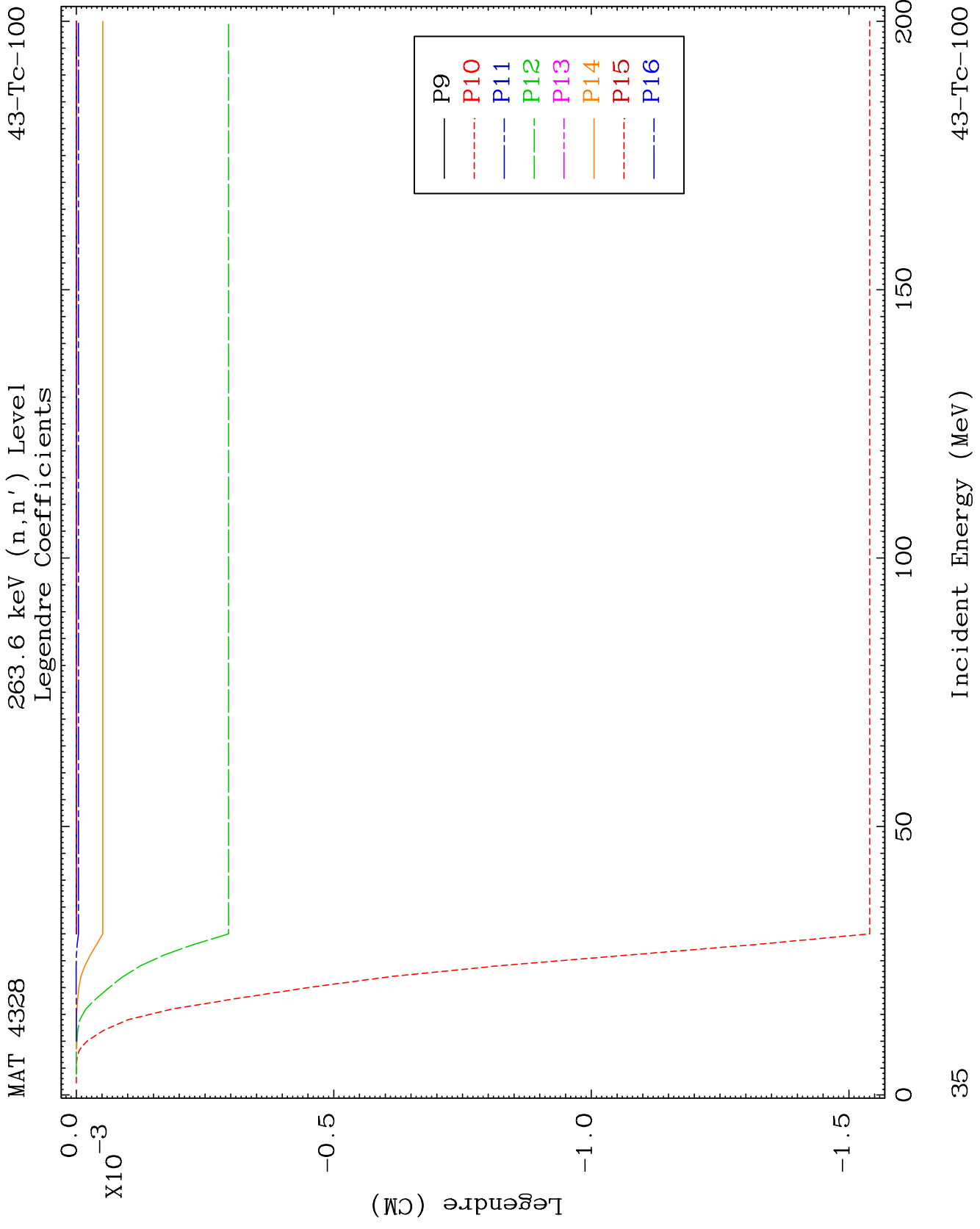
243.9 keV (n,n') Level  
Legendre Coefficients

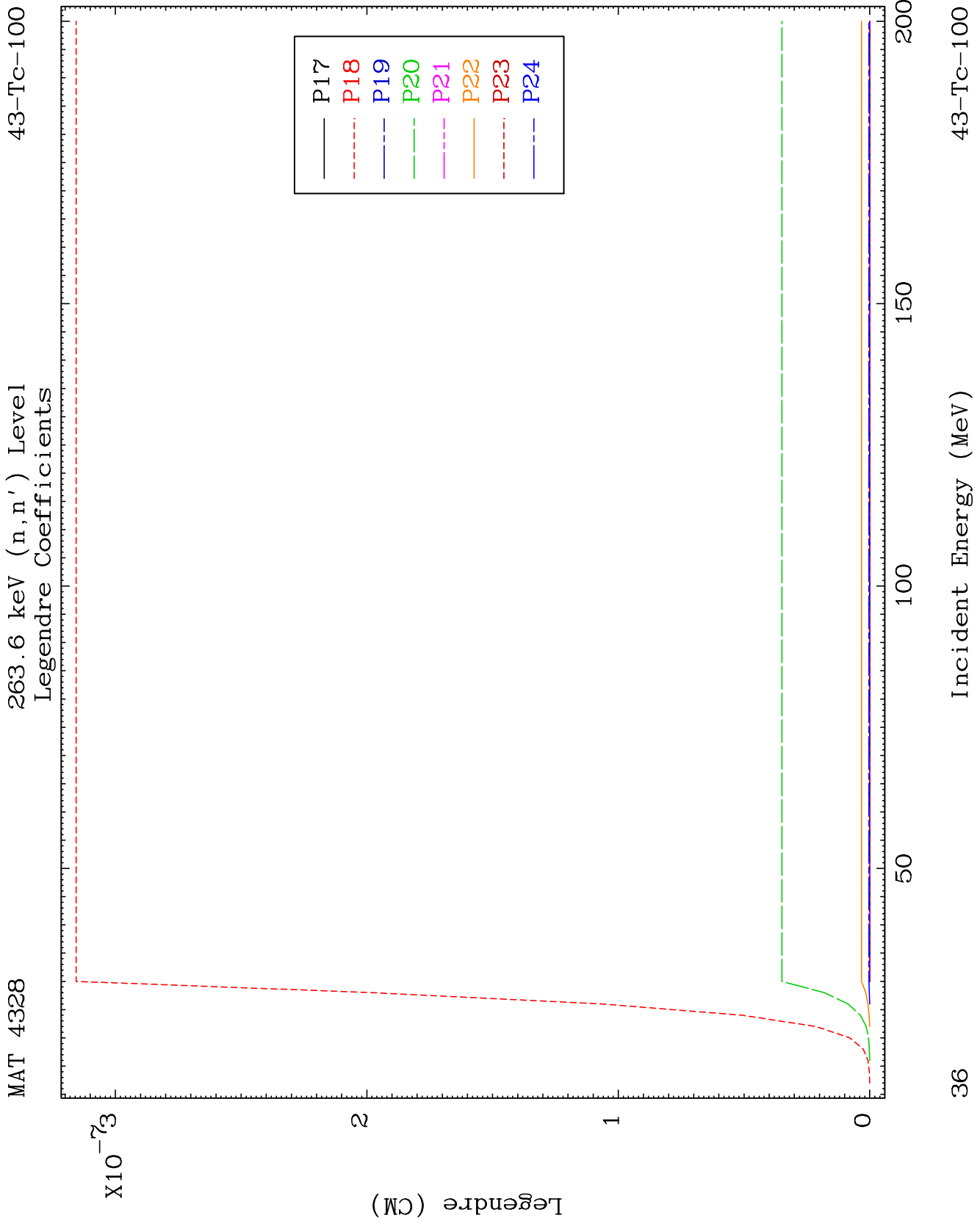
43-Tc-100

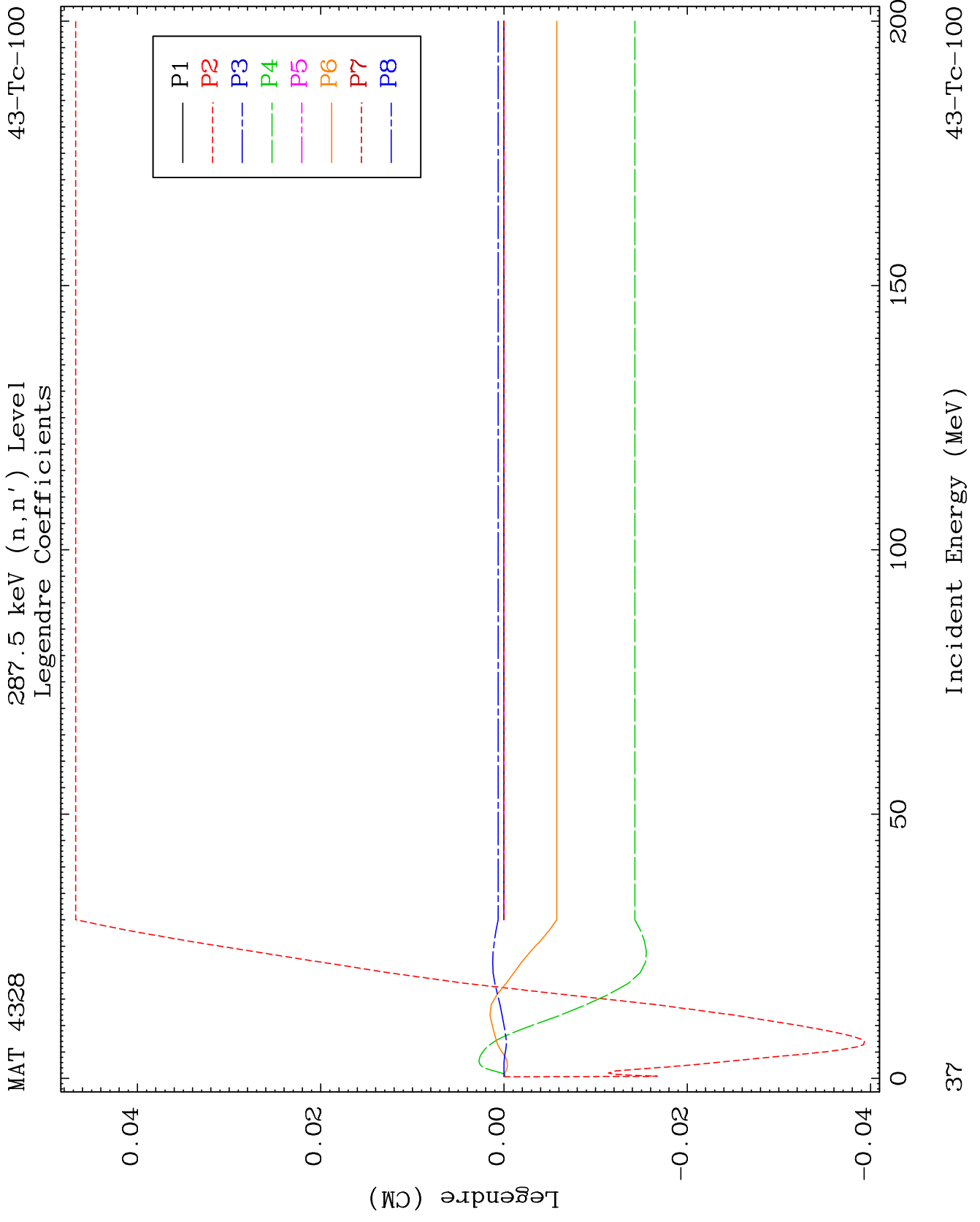


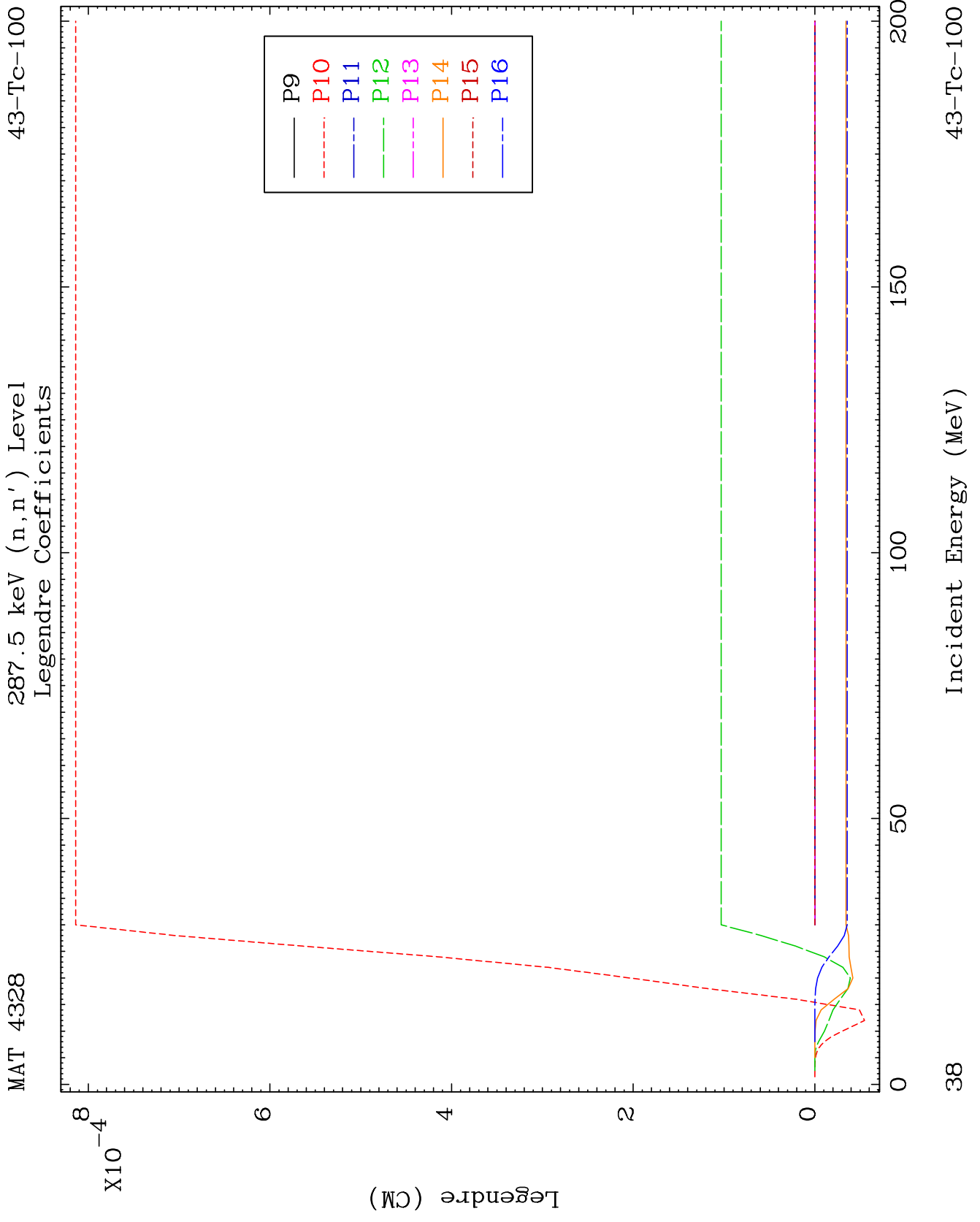
33

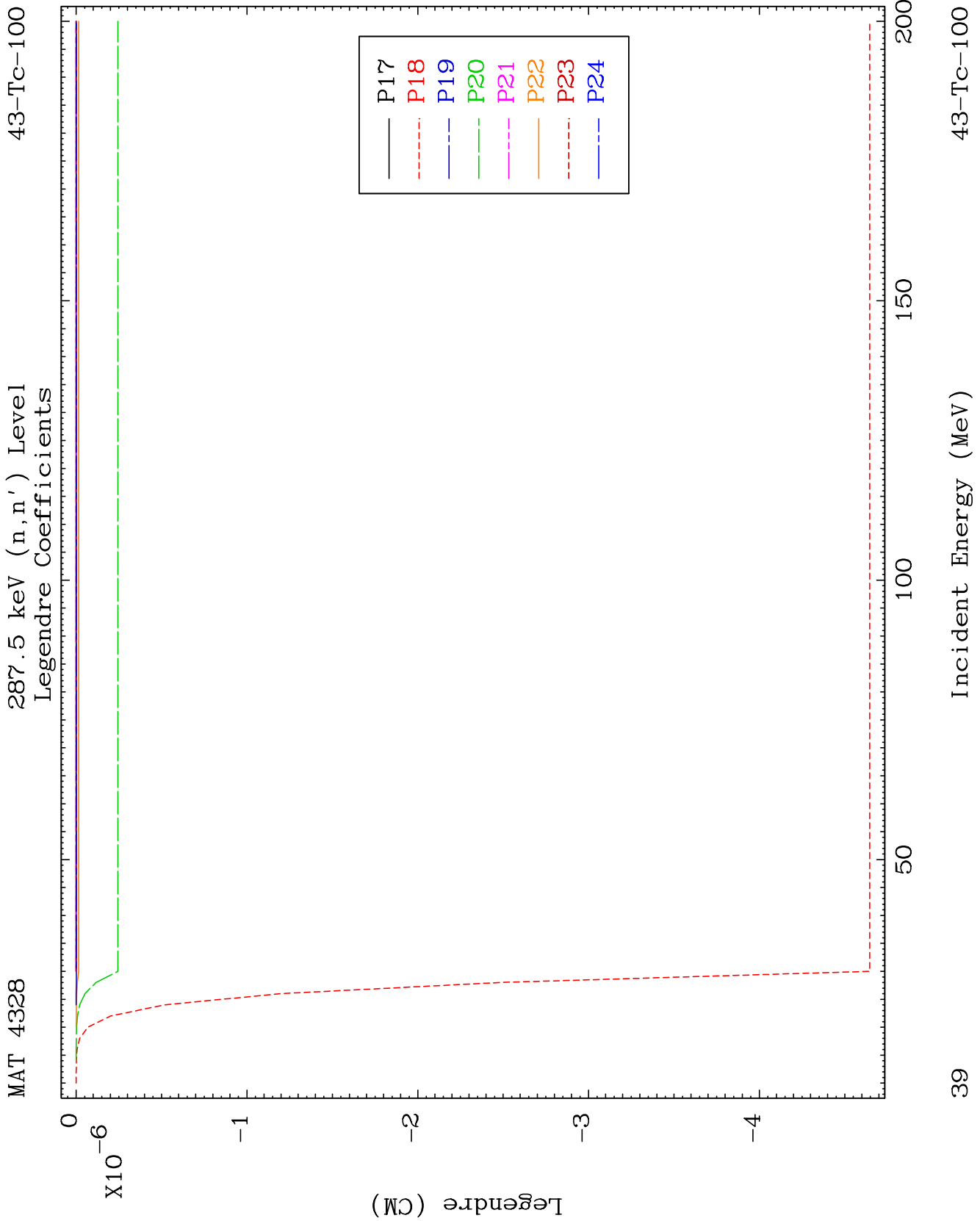












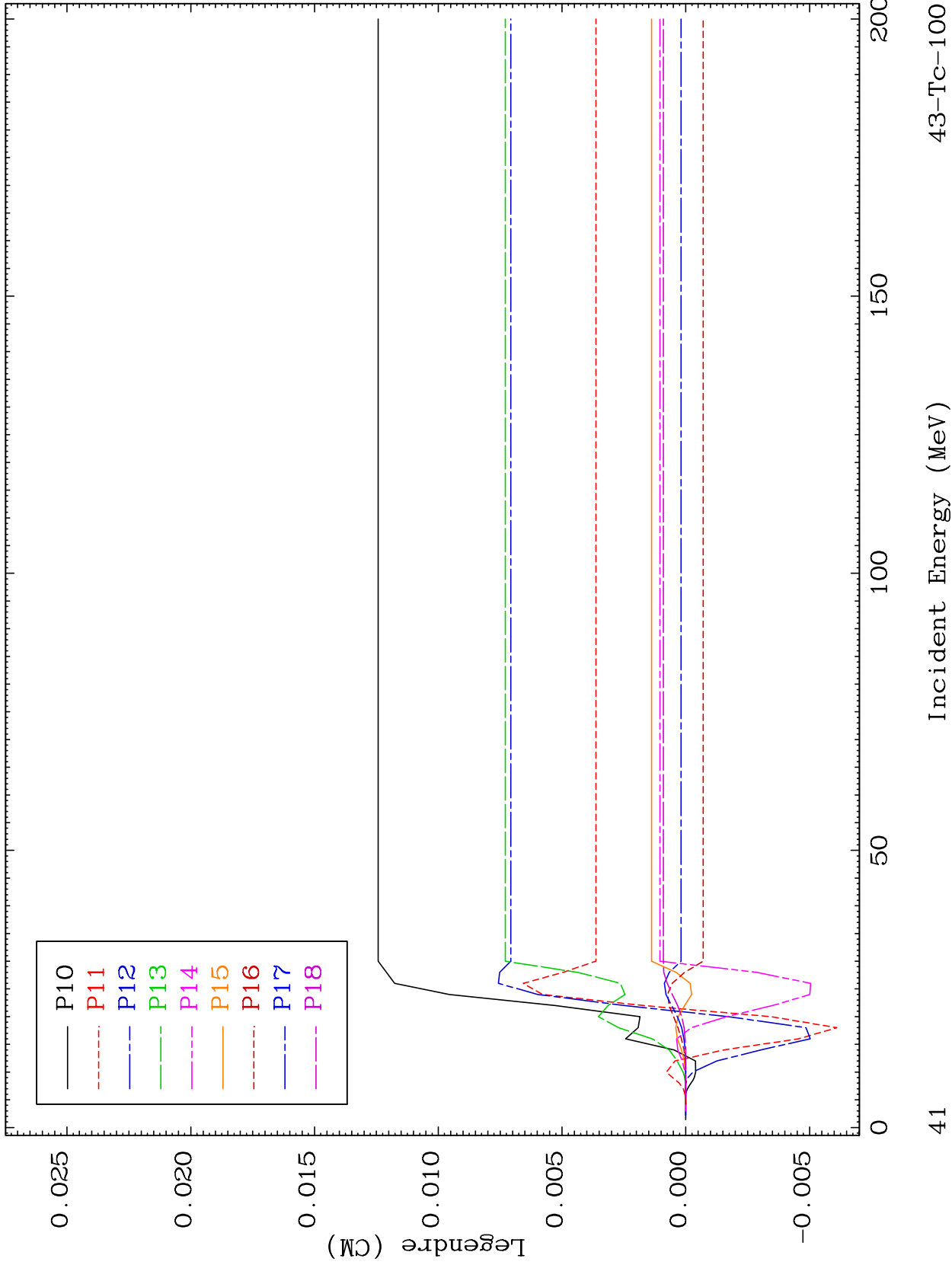




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294.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



41

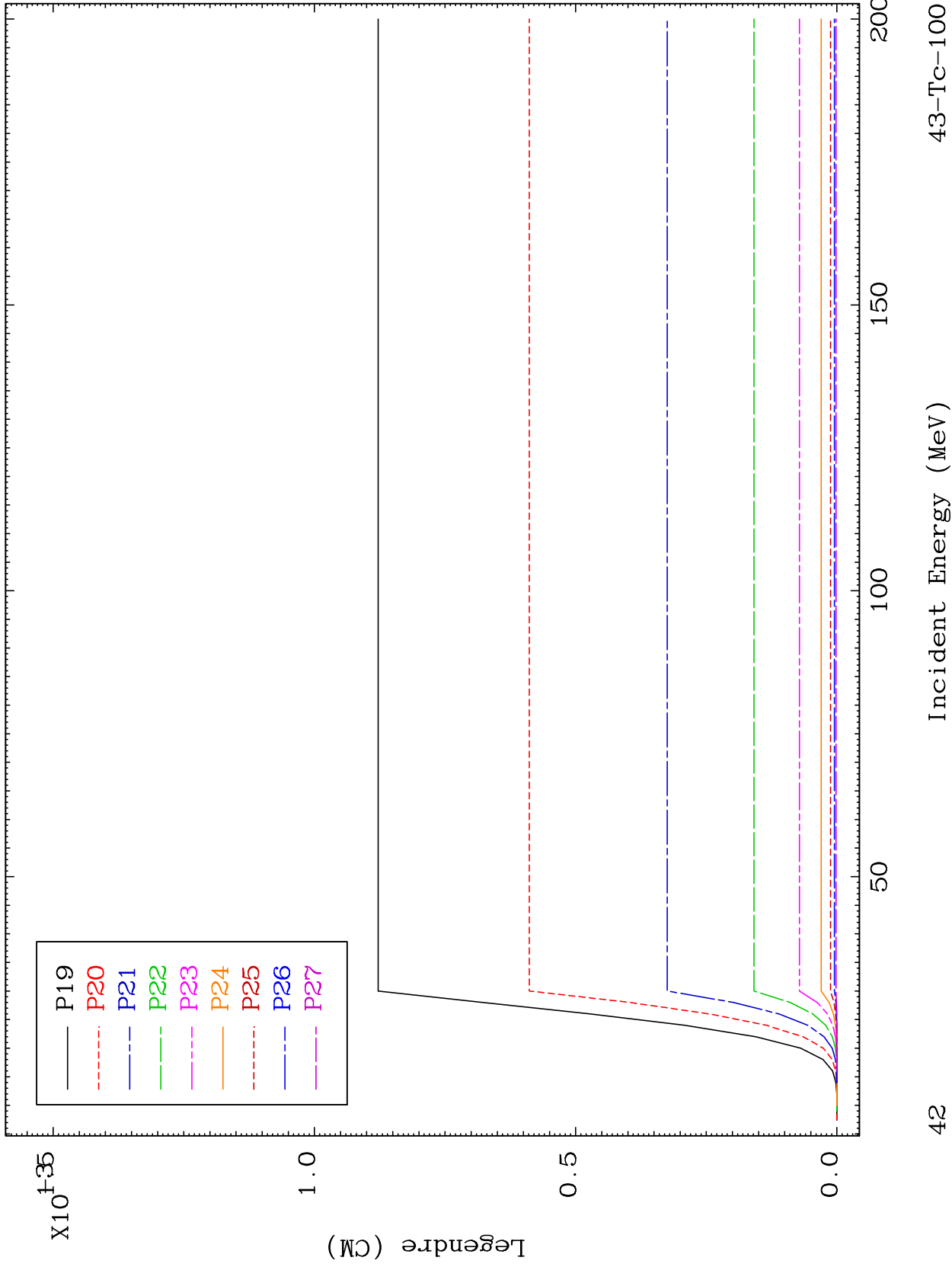
Incident Energy (MeV)

43-Tc-100

MAT 4328

294.9 keV (n,n') Level  
Legendre Coefficients

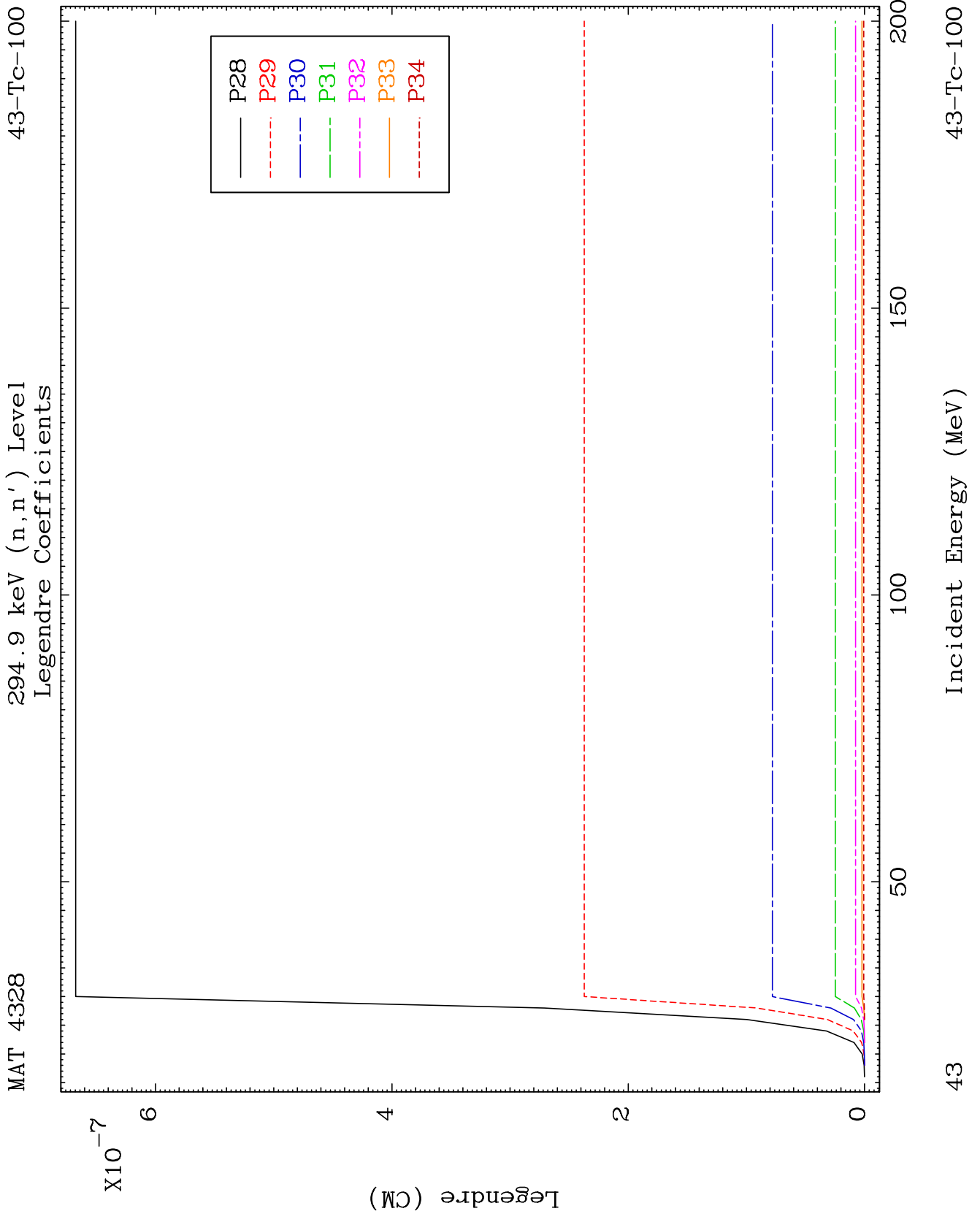
43-Tc-100



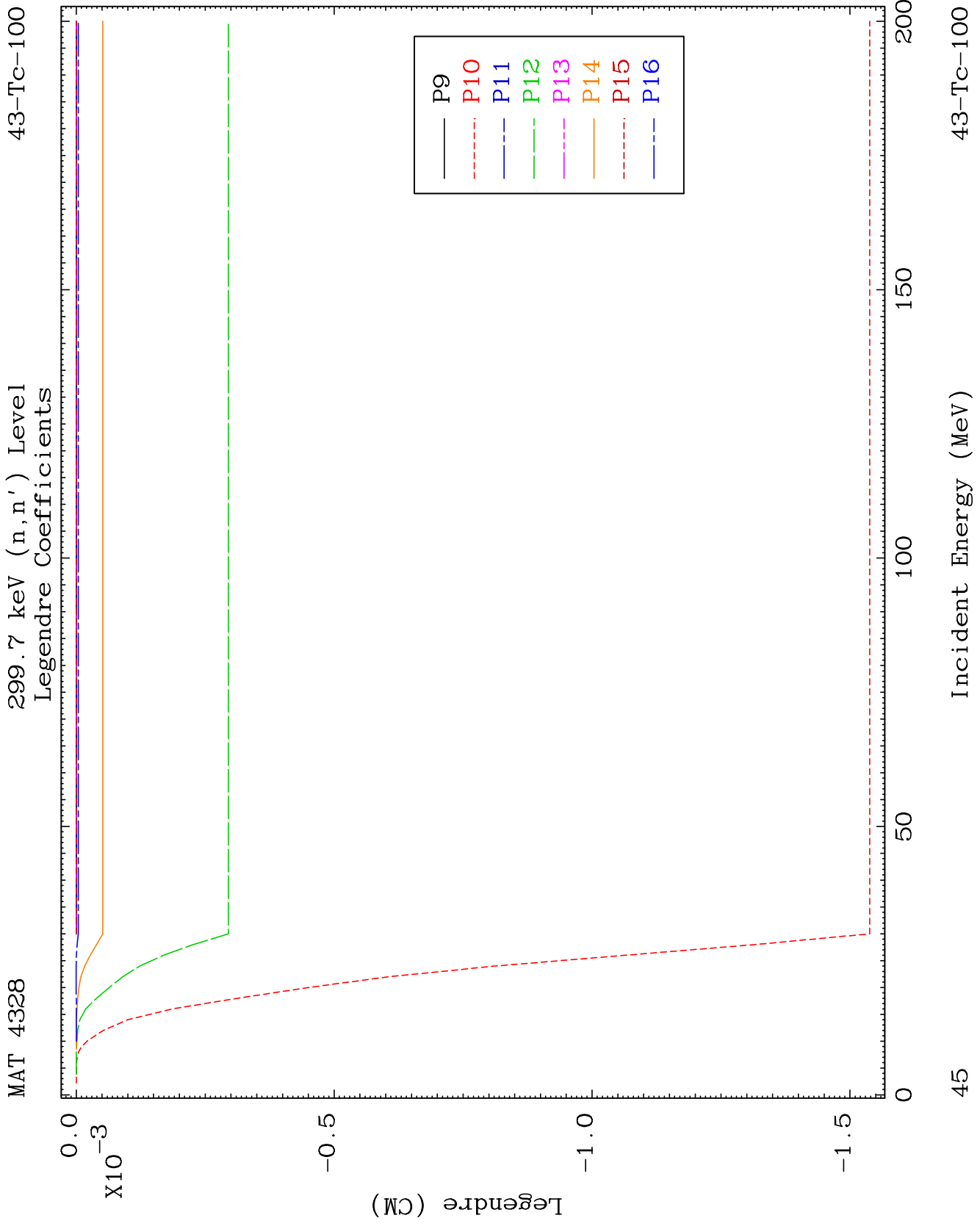
42

Incident Energy (MeV)

43-Tc-100



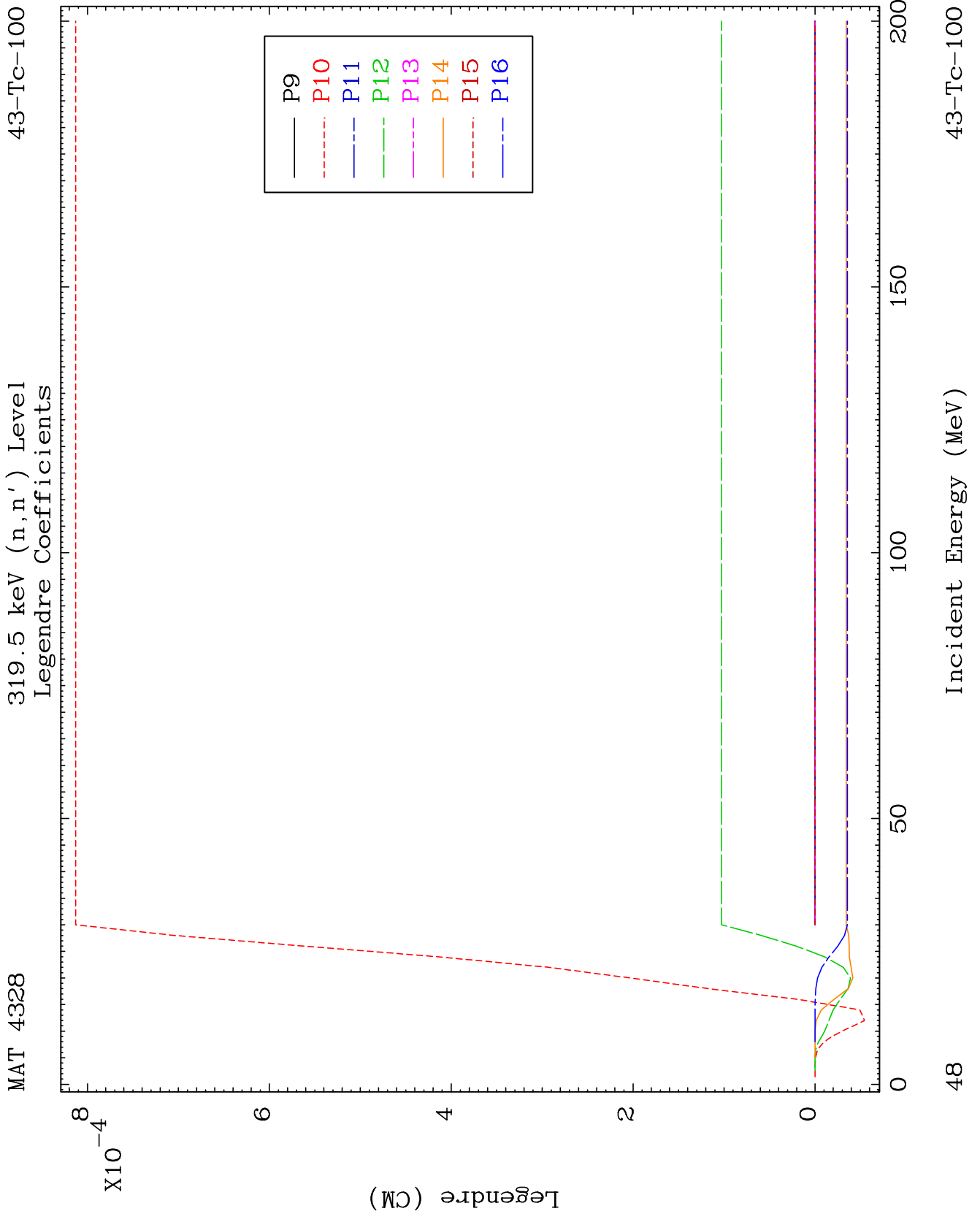


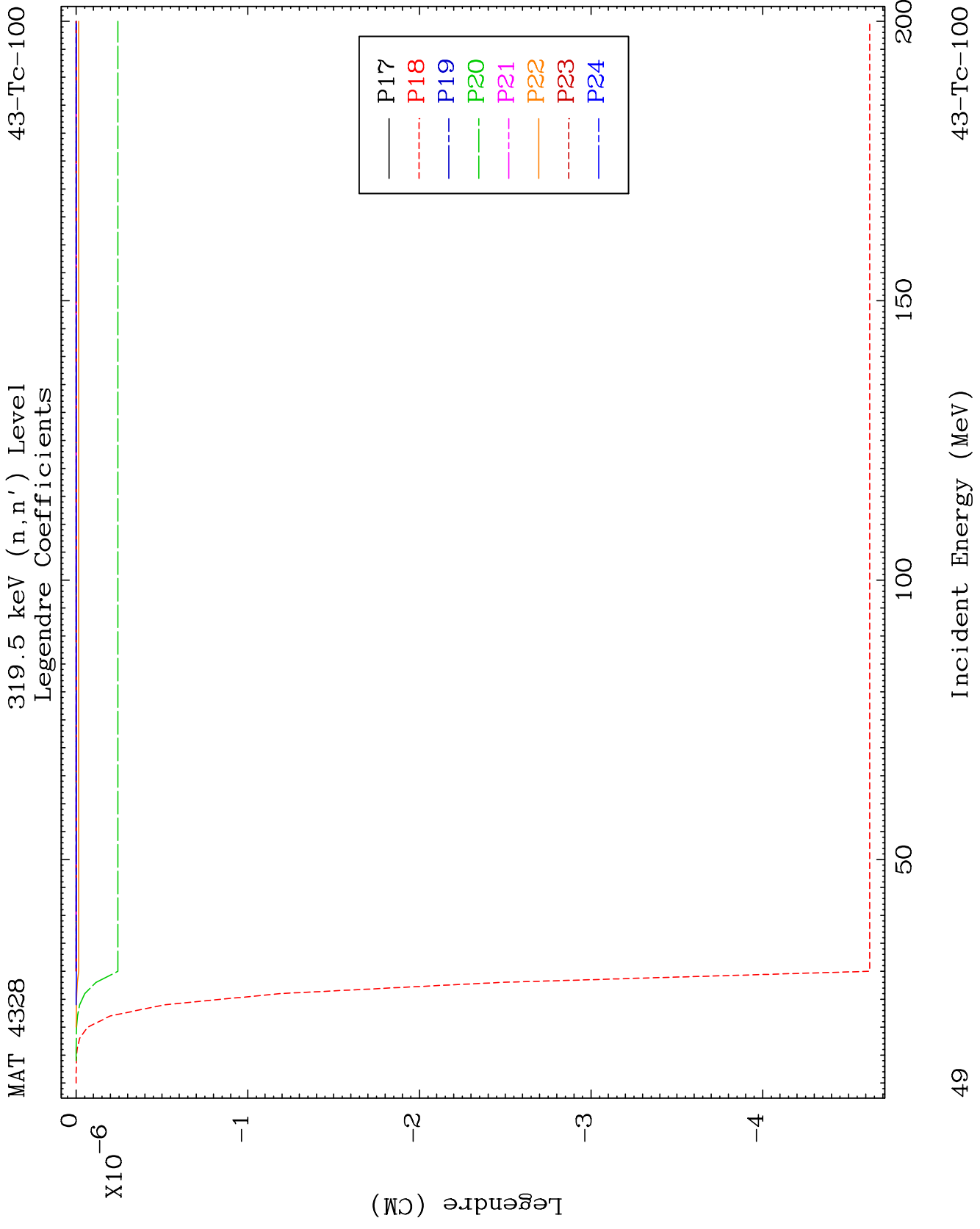










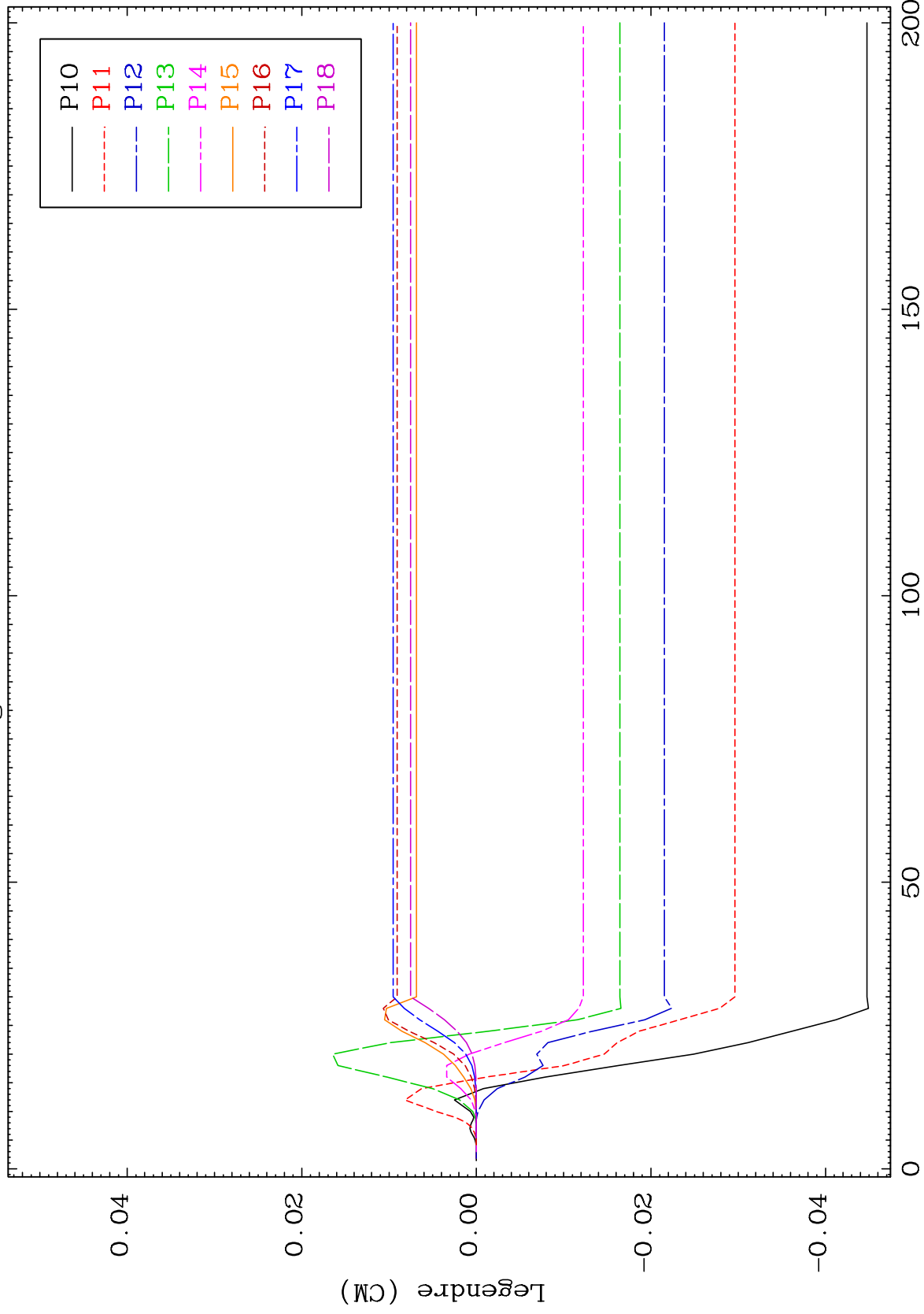




MAT 4328

335.2 keV (n,n') Level  
Legendre Coefficients

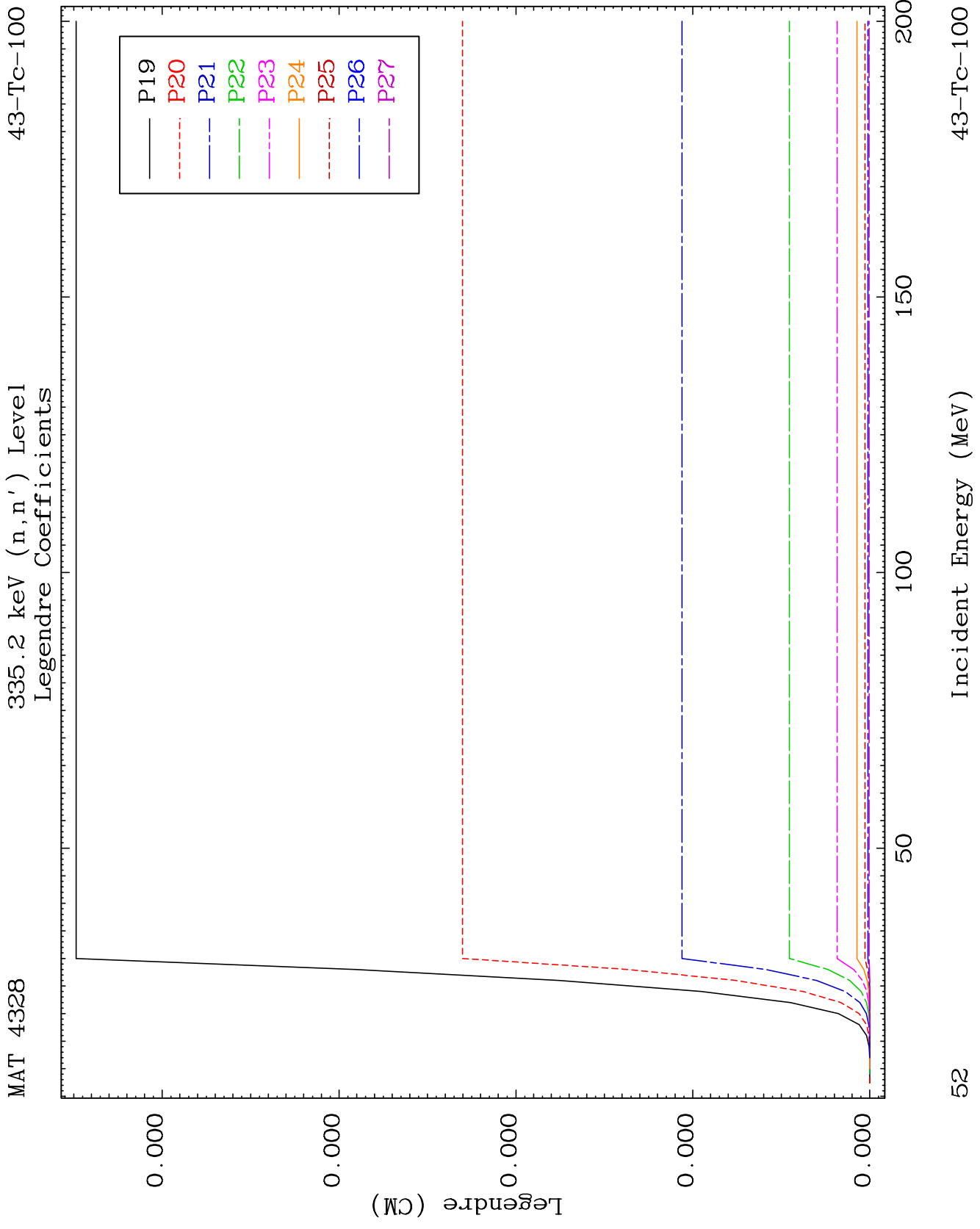
43-Tc-100

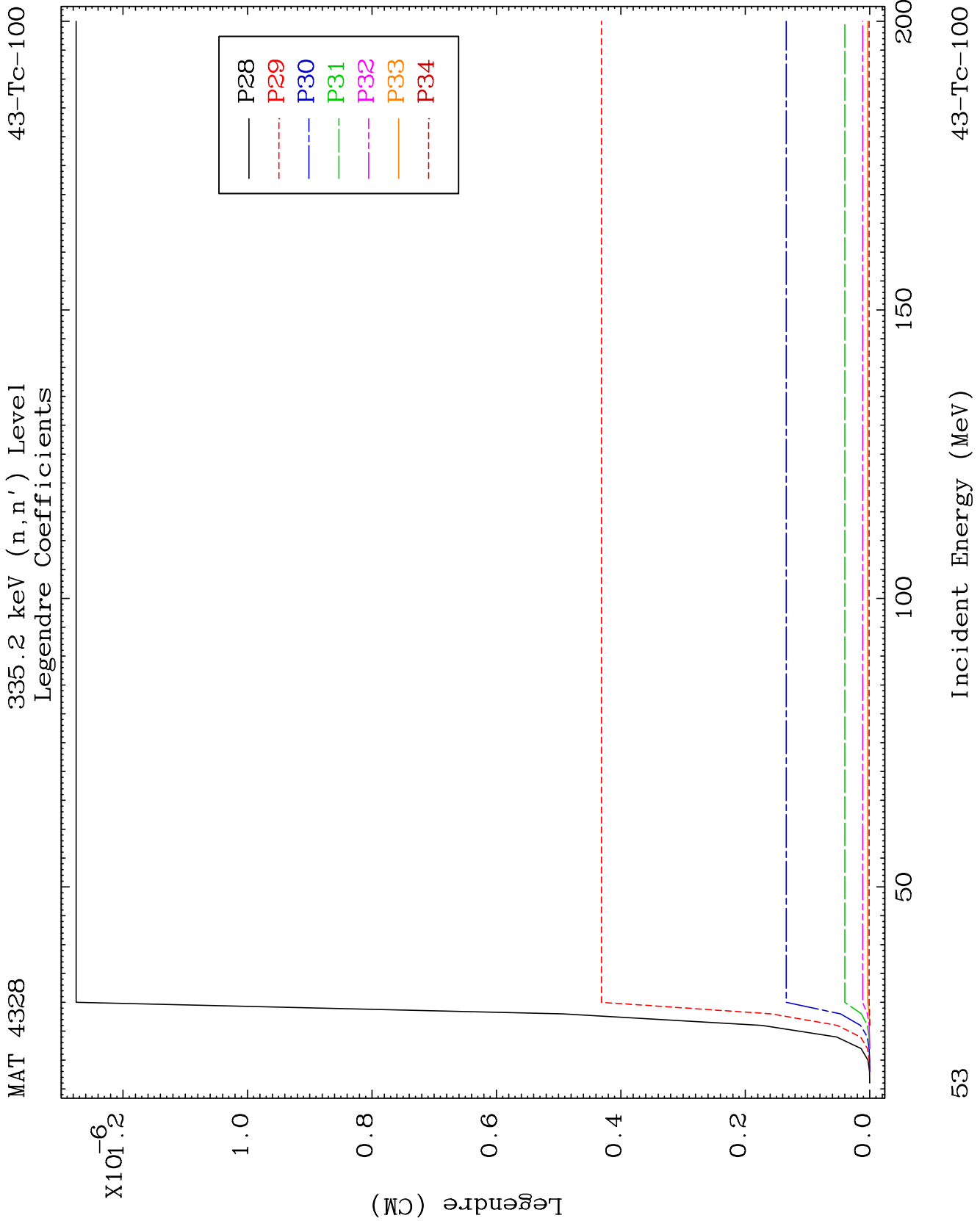


51

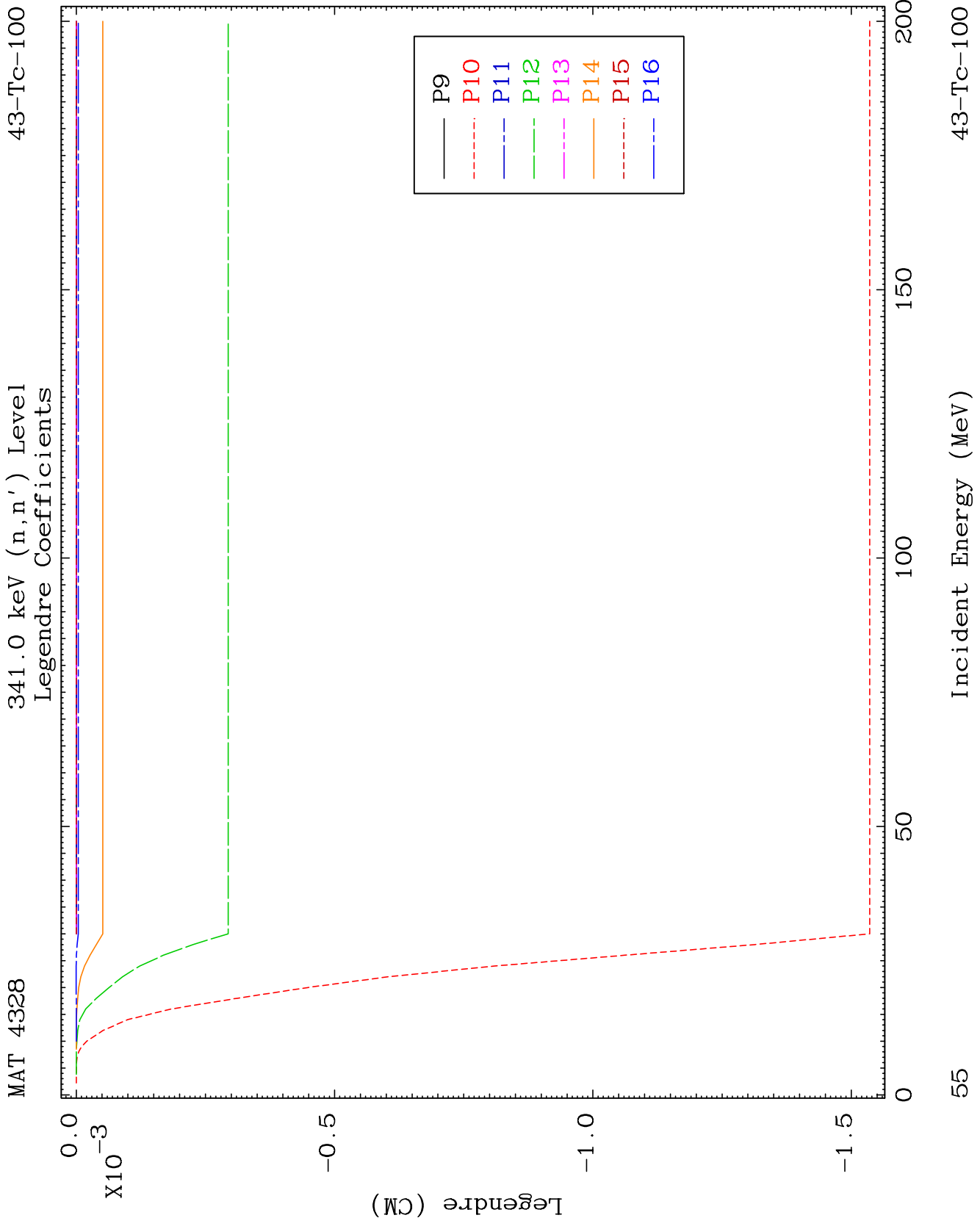
Incident Energy (MeV)

43-Tc-100

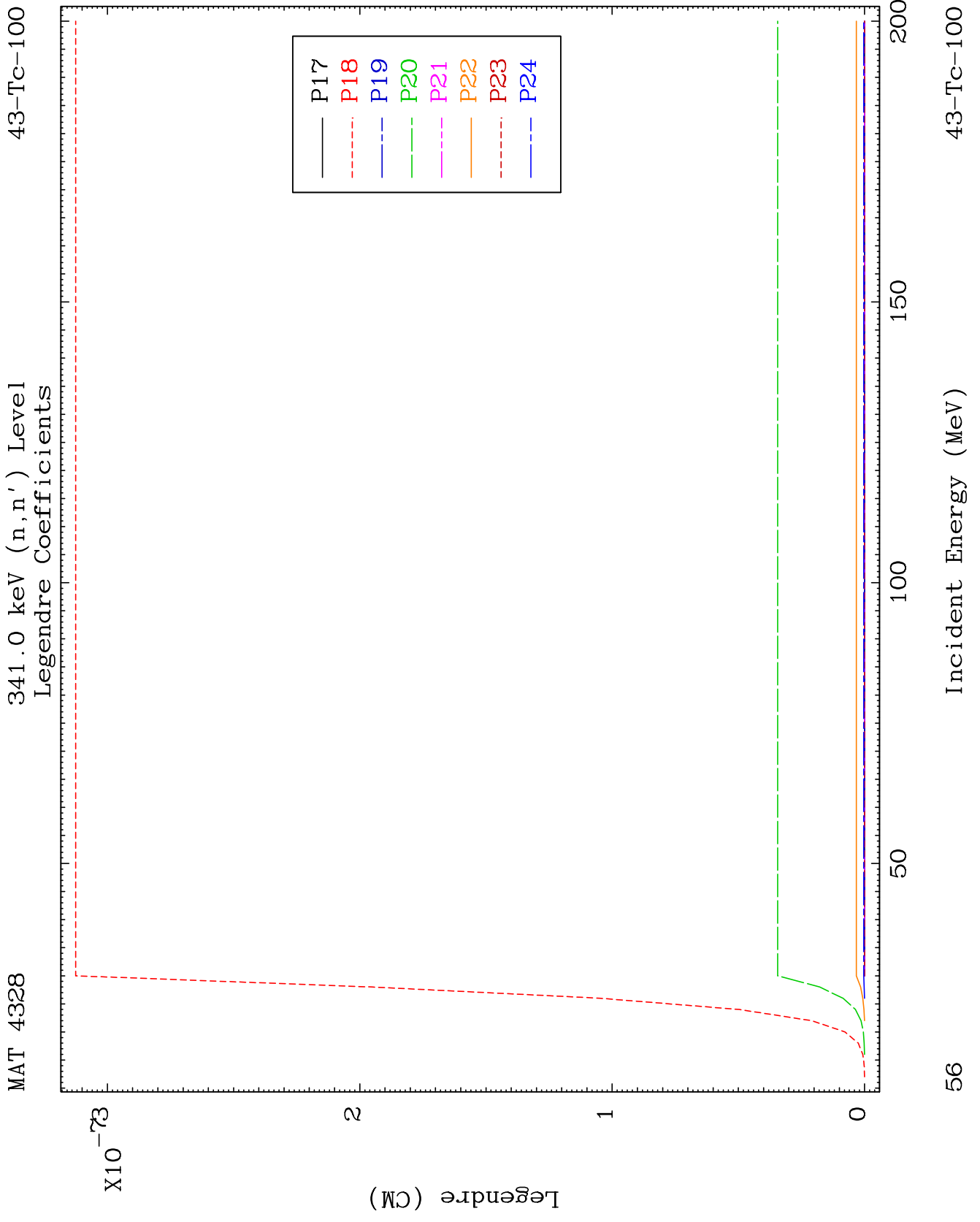




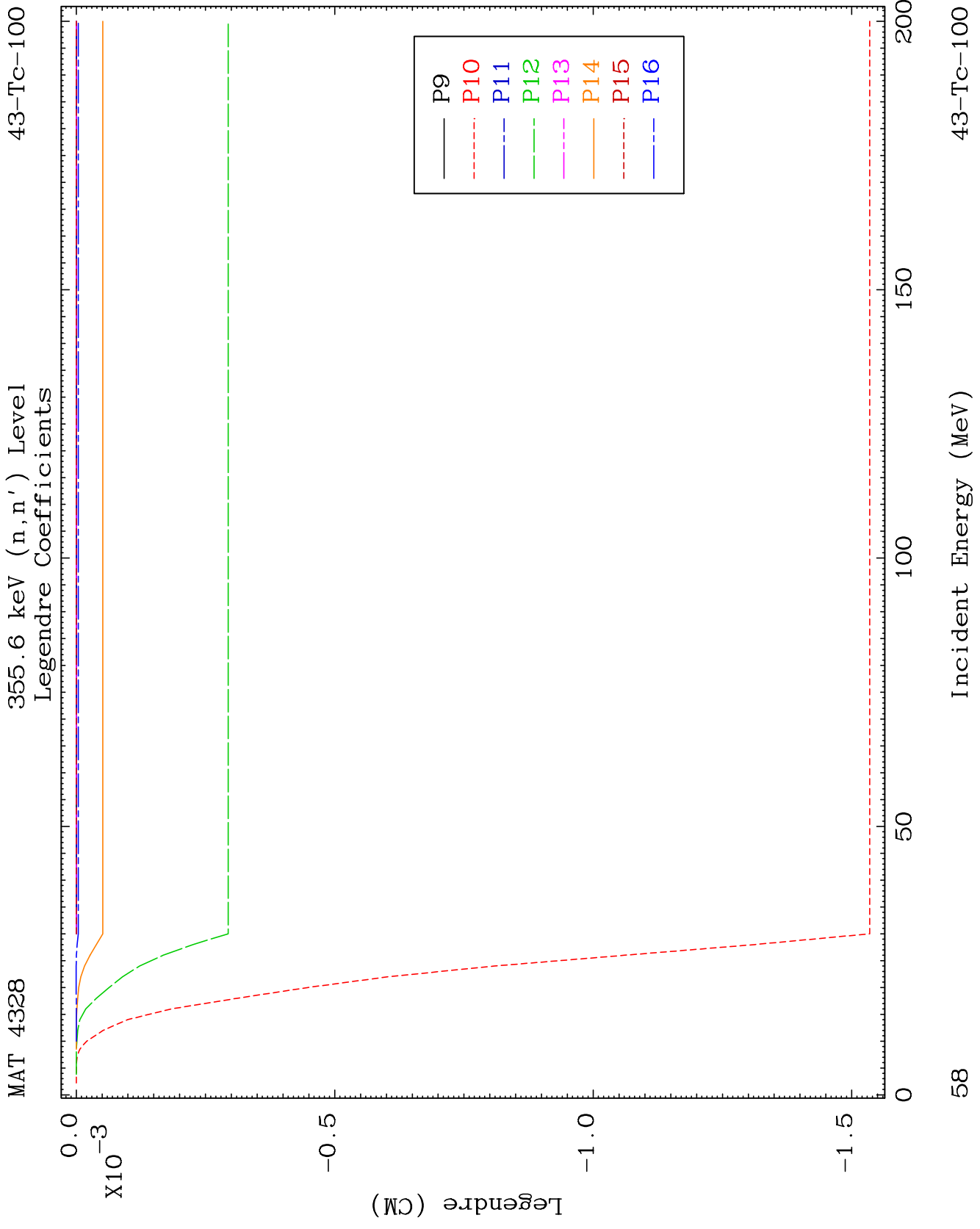






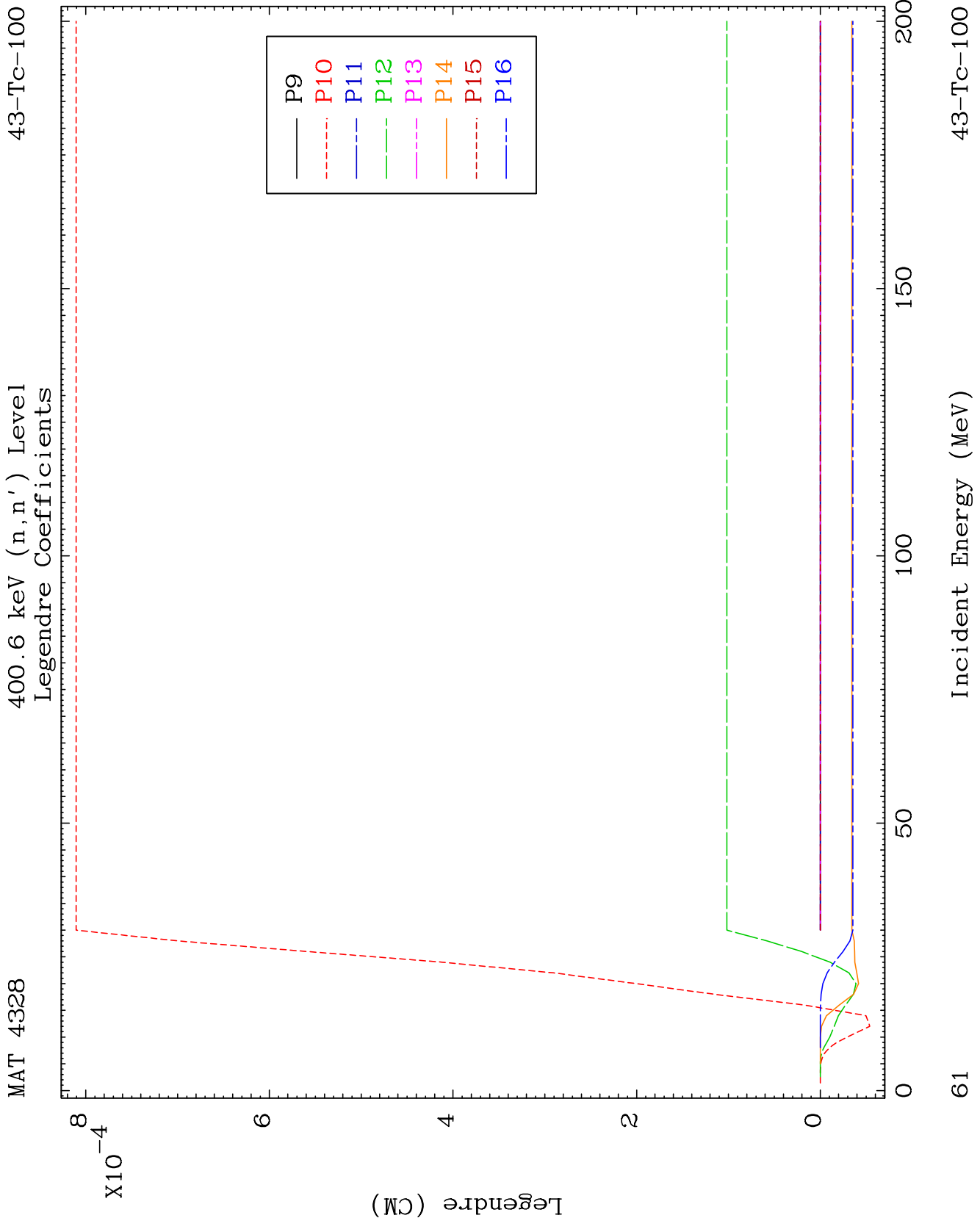


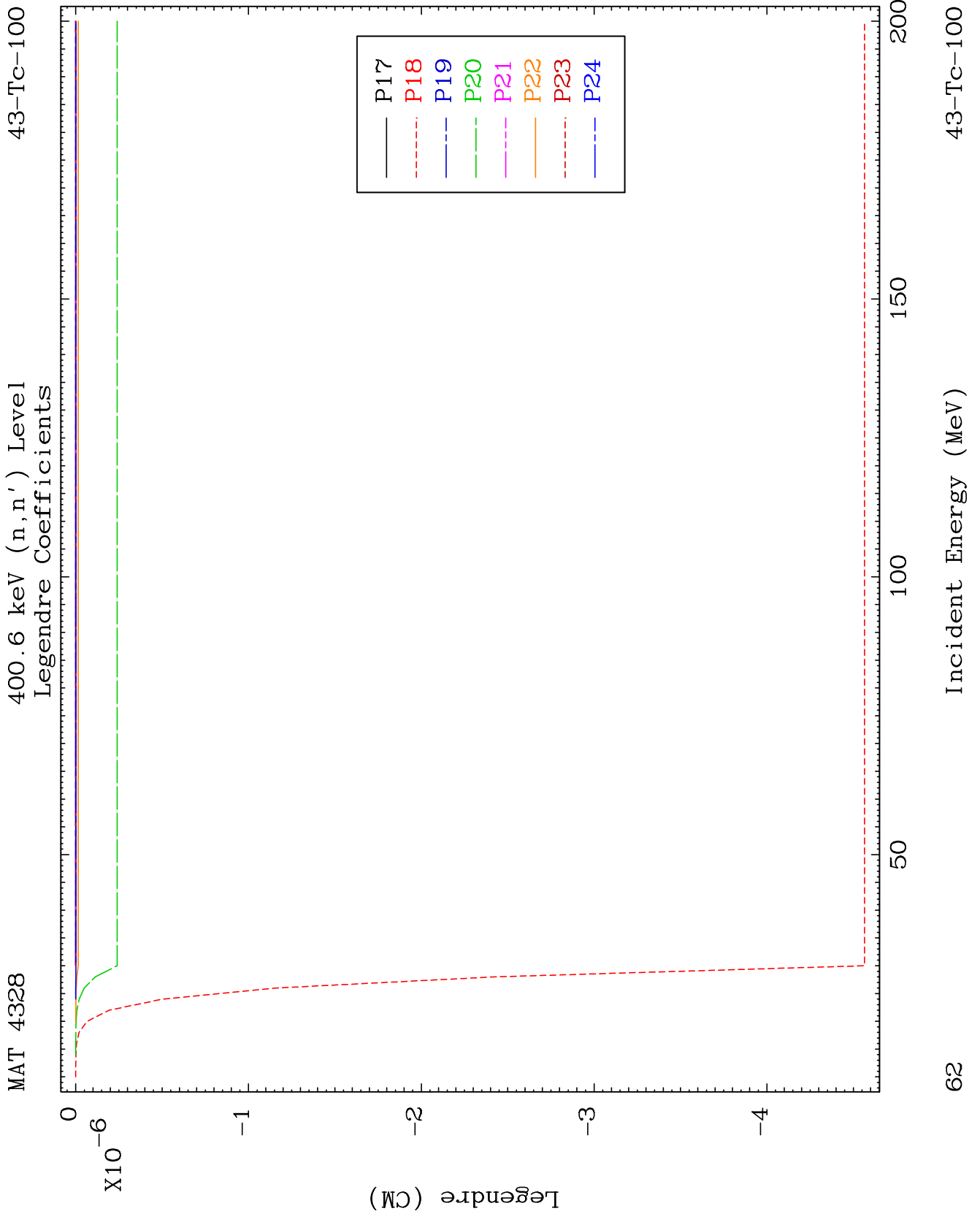












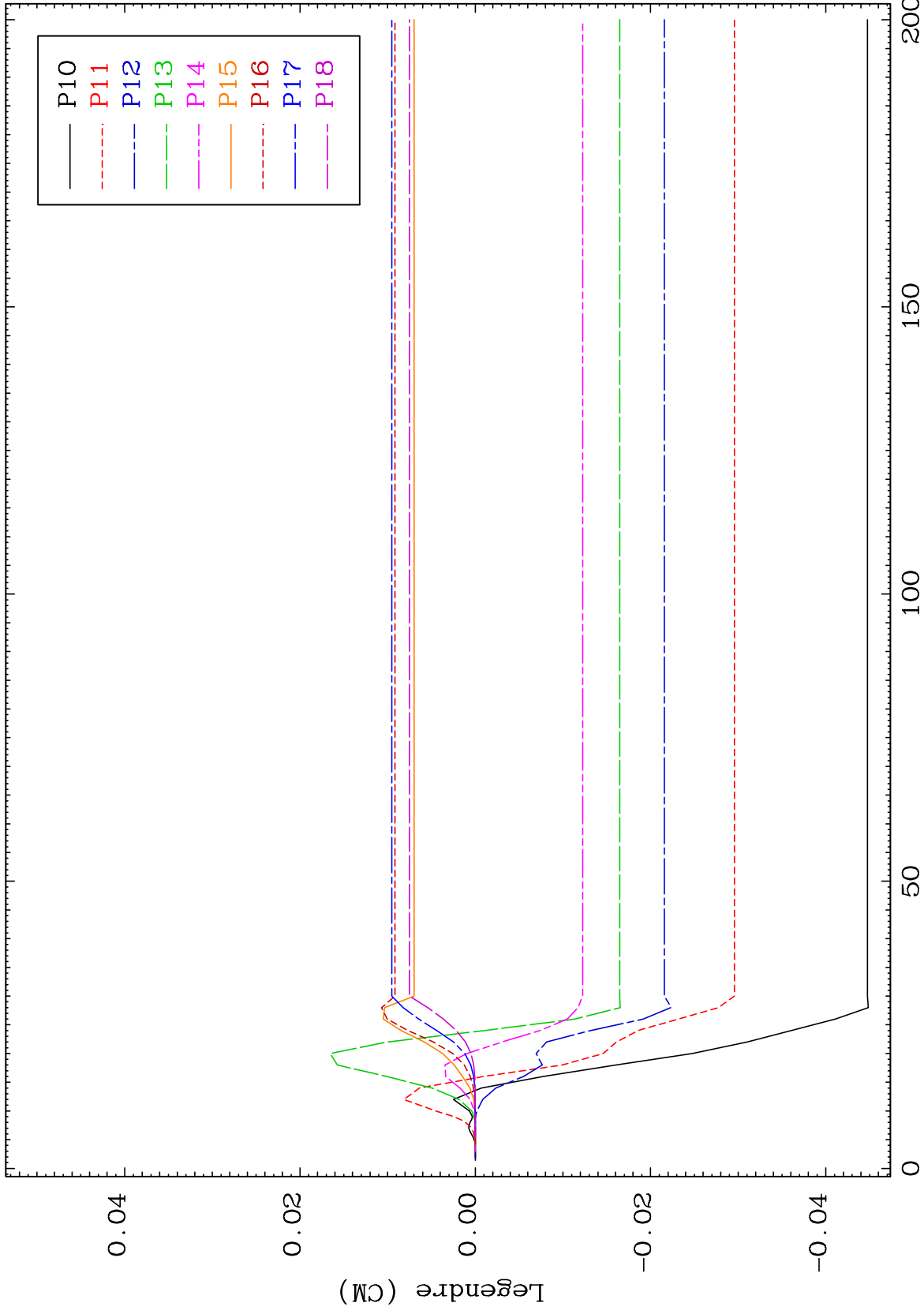




MAT 4328

424.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



64

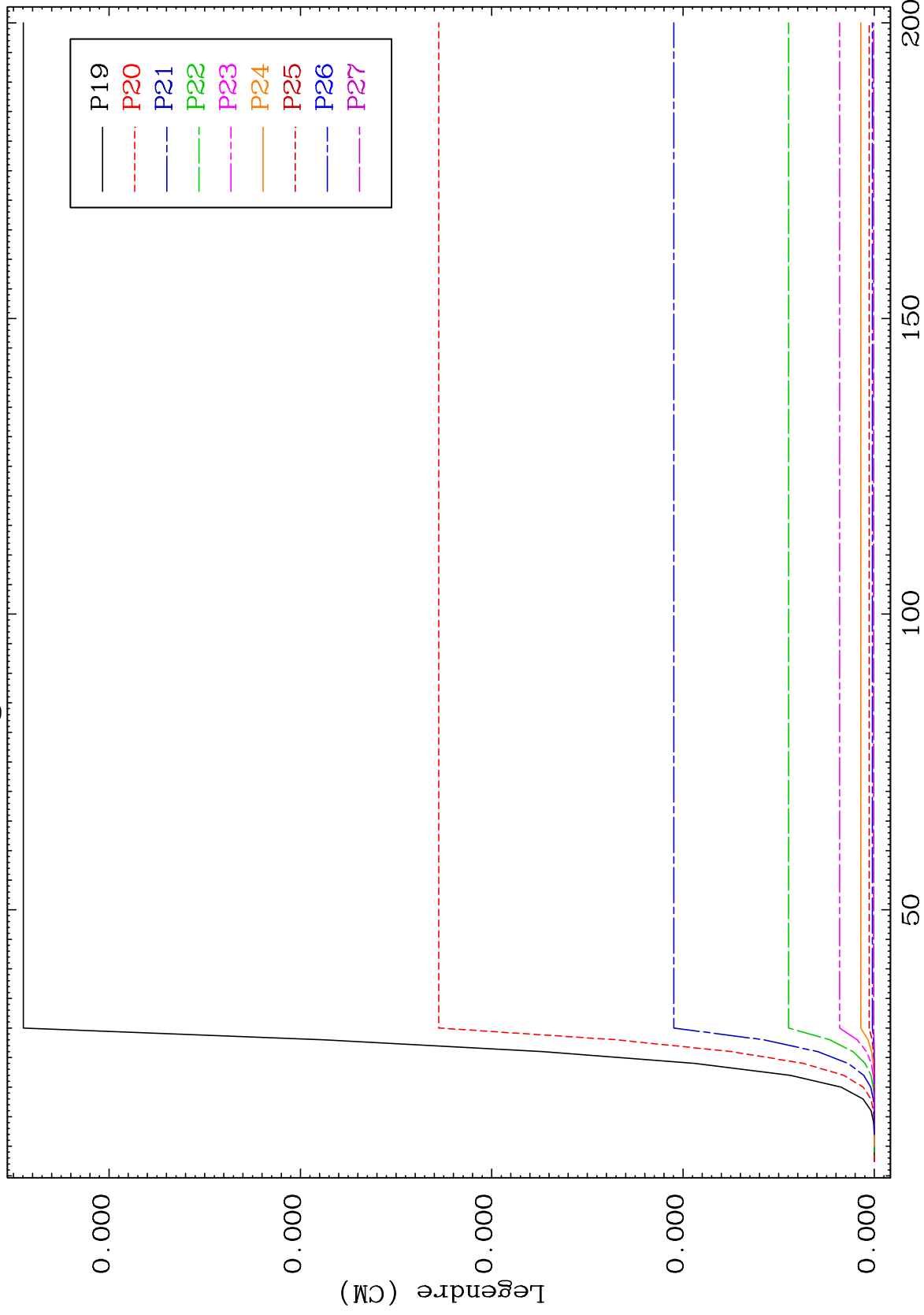
Incident Energy (MeV)

43-Tc-100

MAT 4328

424.4 keV (n, n') Level  
Legendre Coefficients

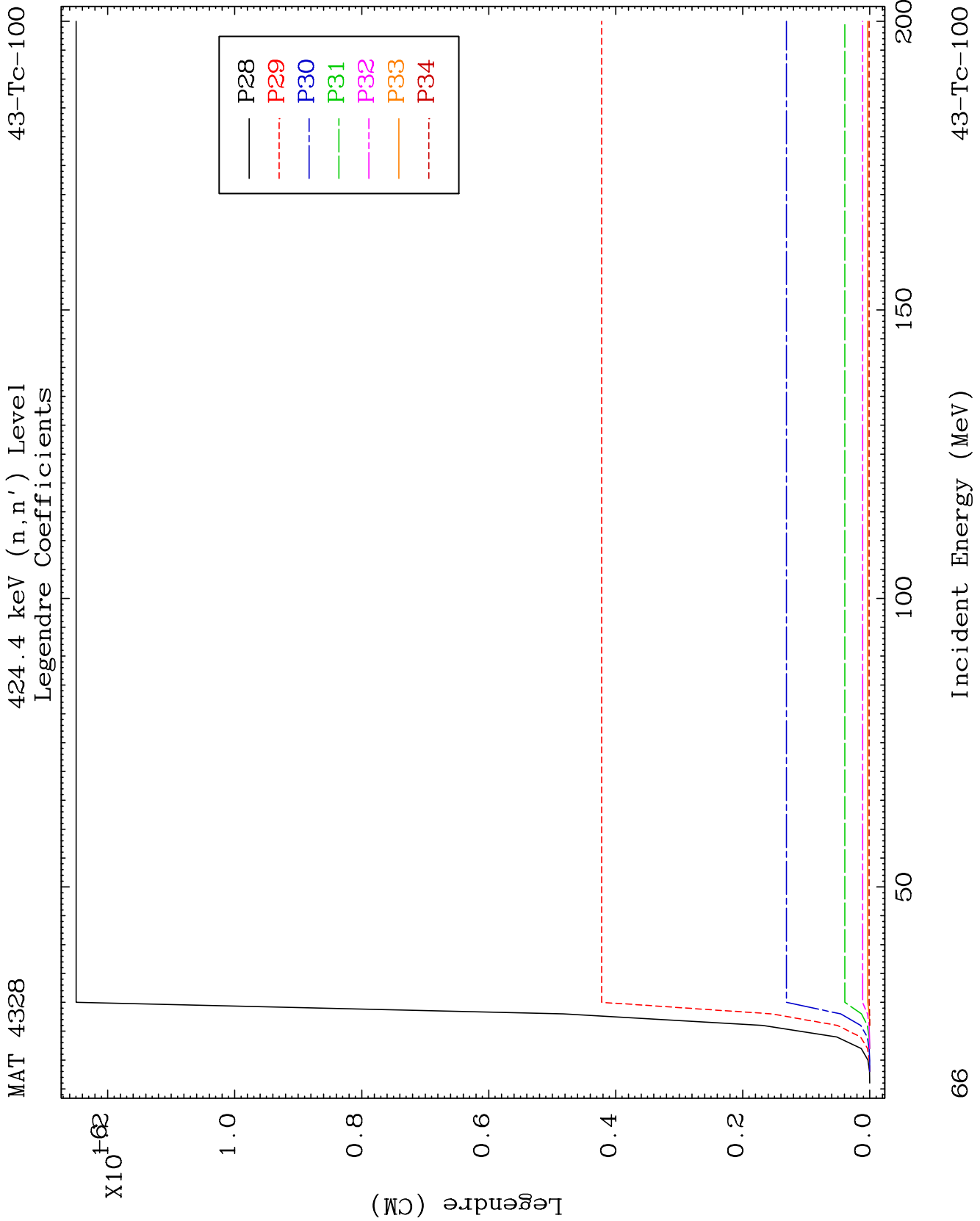
43-Tc-100



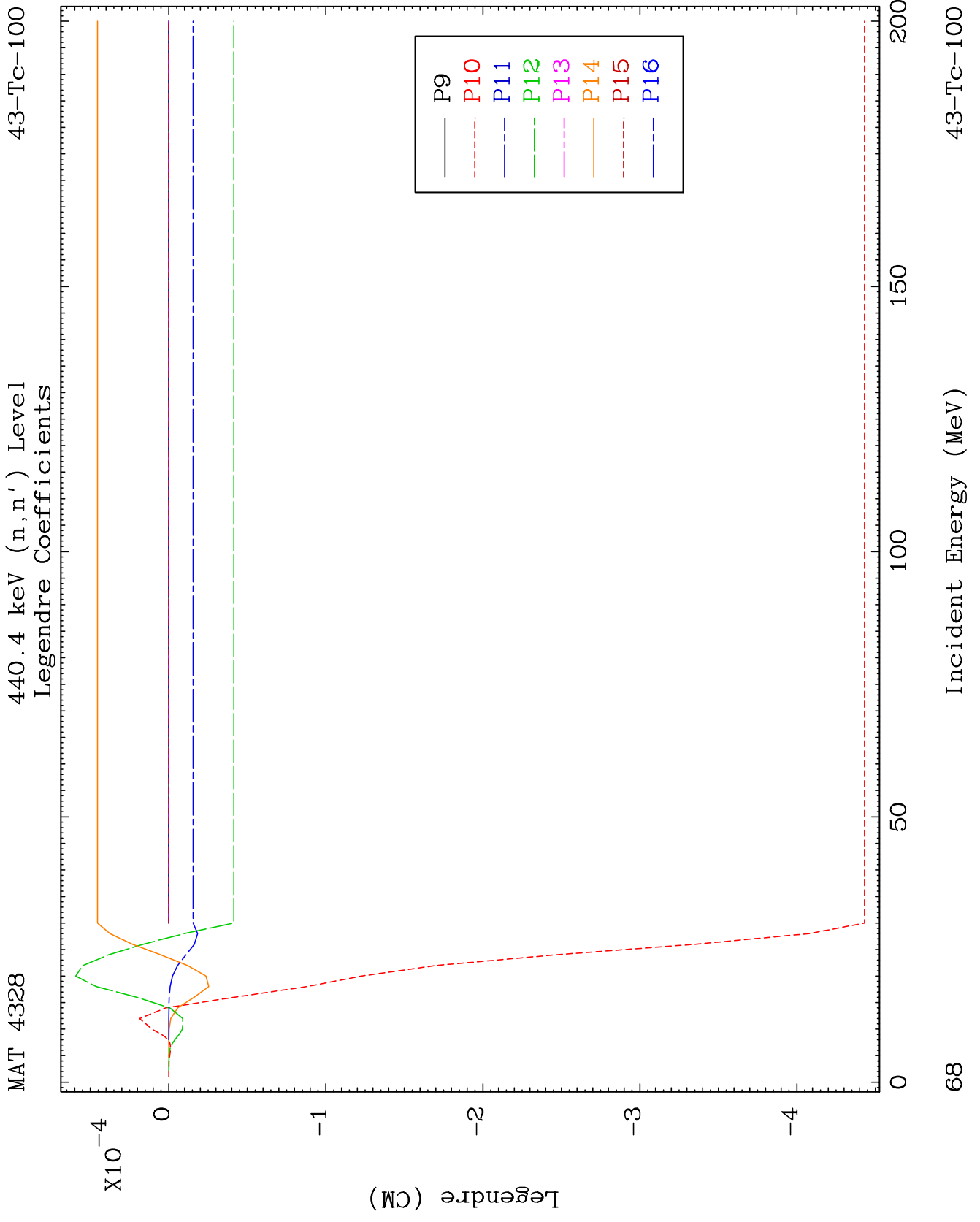
65

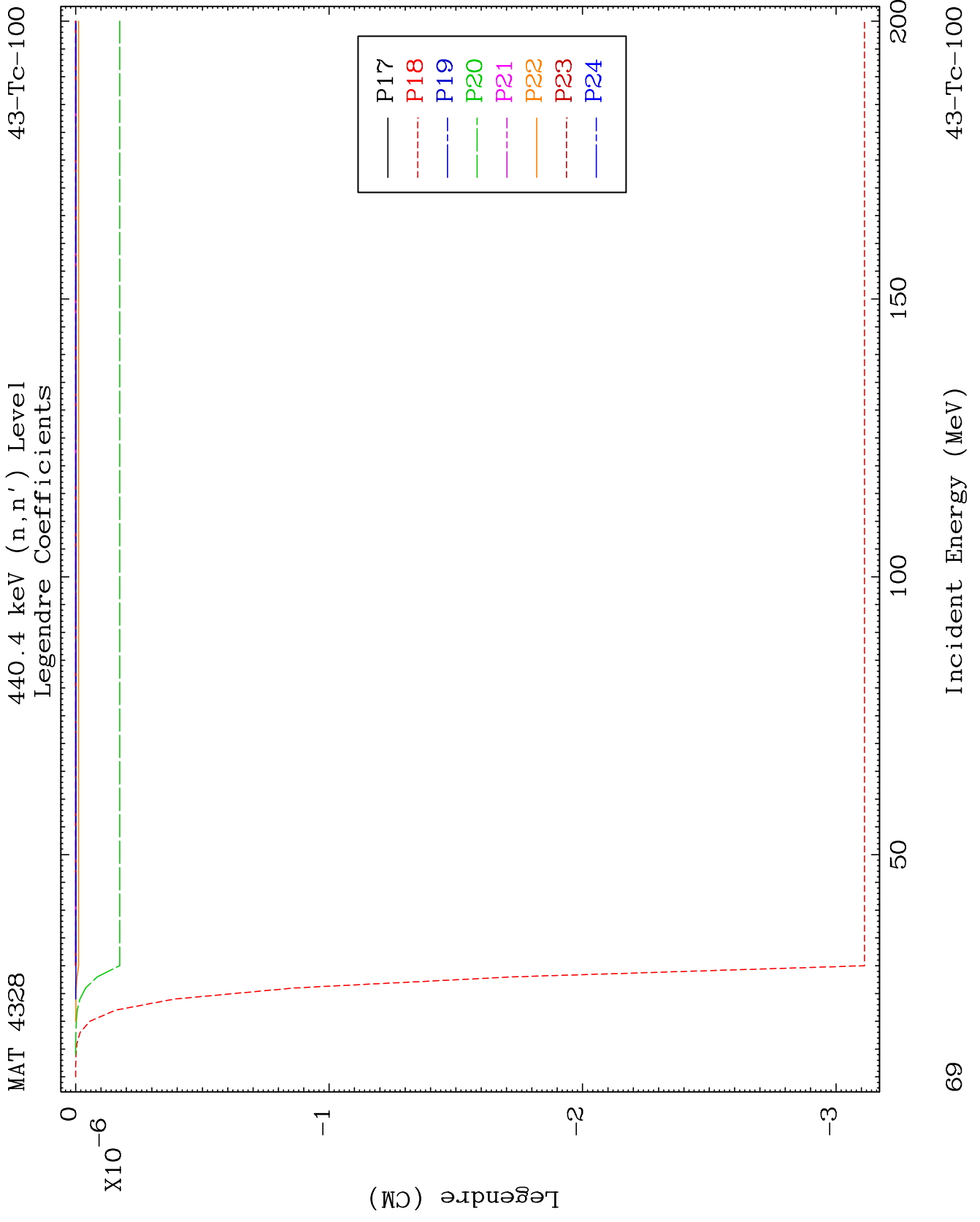
Incident Energy (MeV)

43-Tc-100





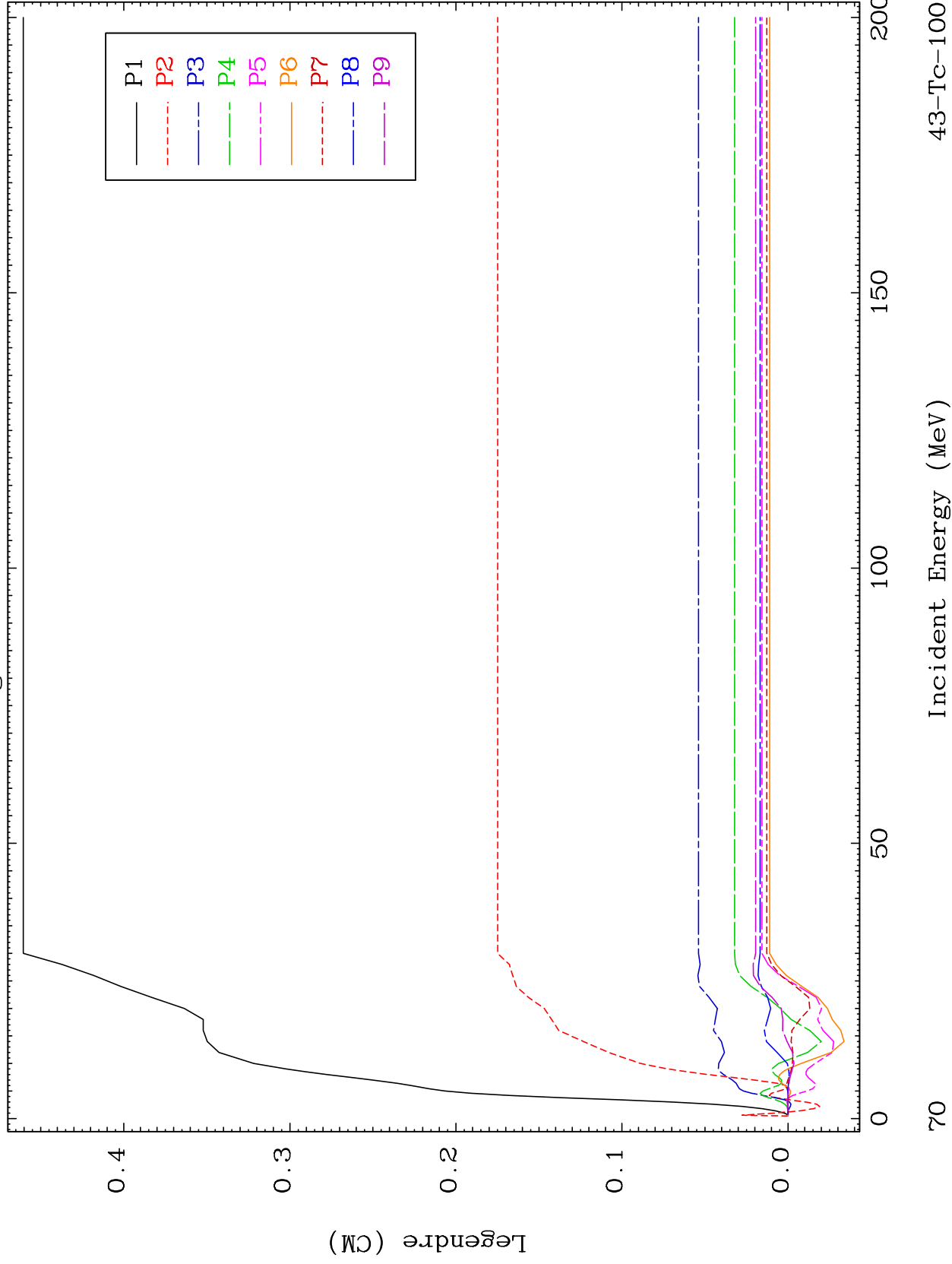




MAT 4328

454.2 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



43-Tc-100

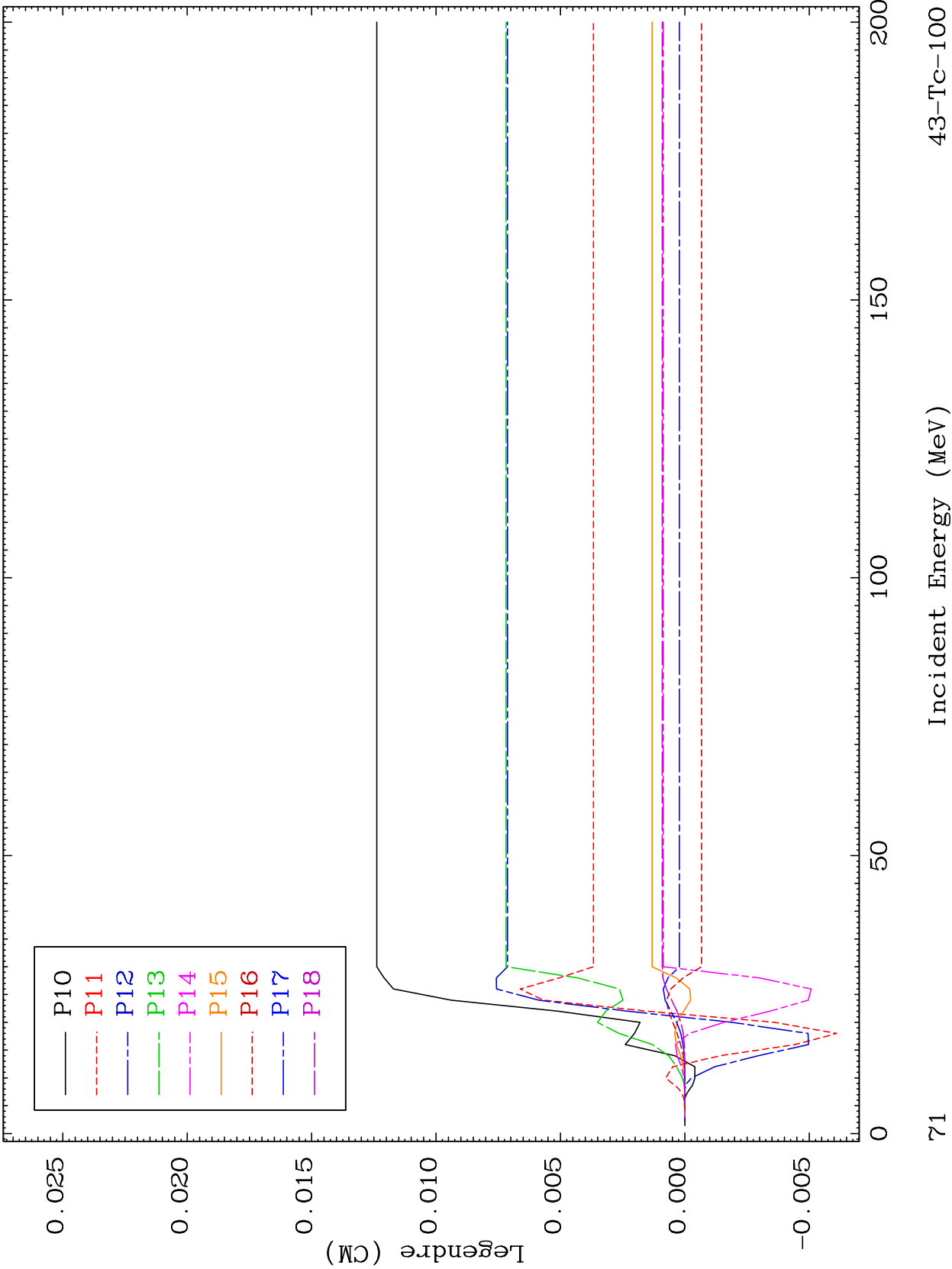
Incident Energy (MeV)

70

MAT 4328

454.2 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



71

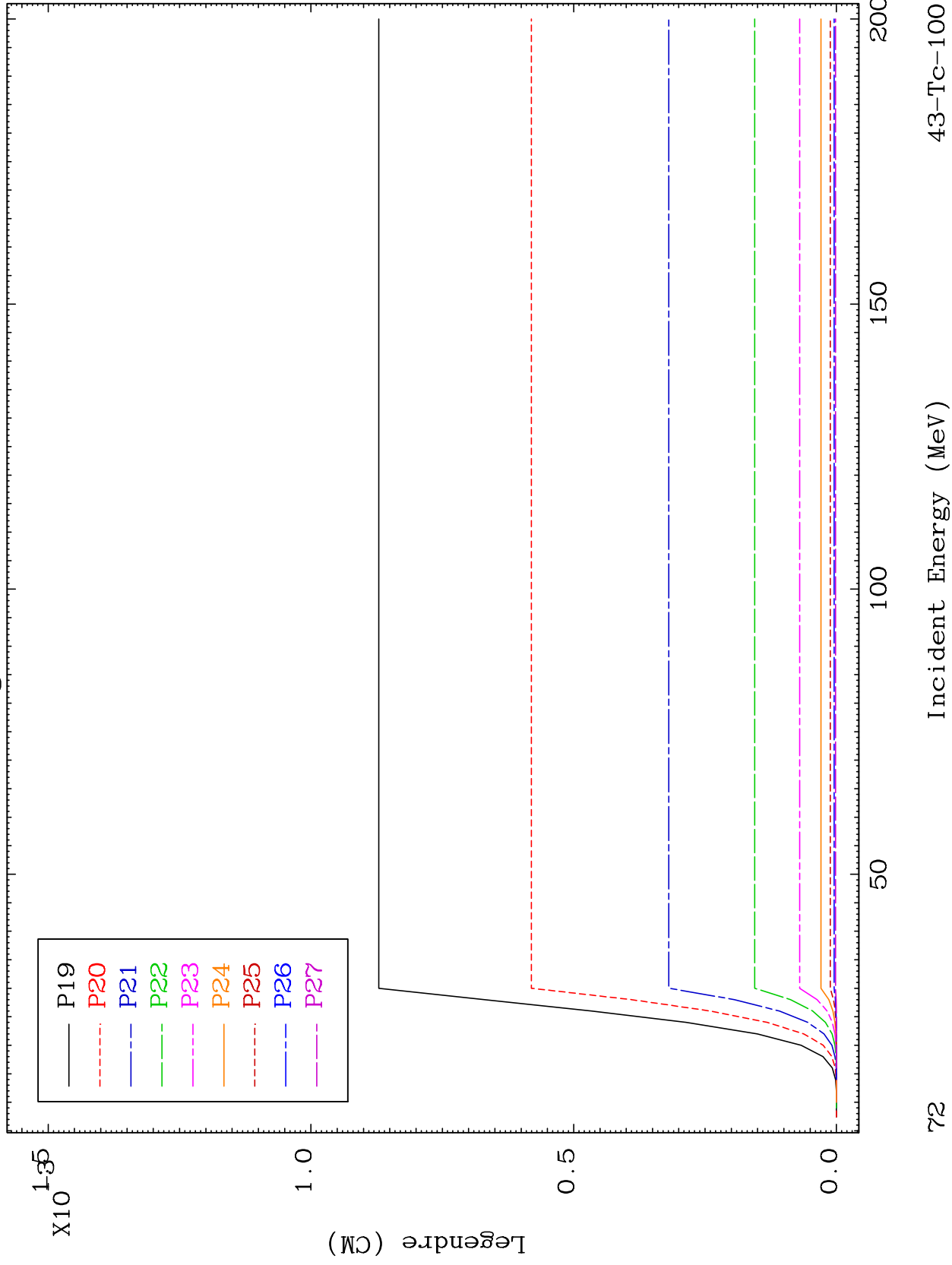
43-Tc-100

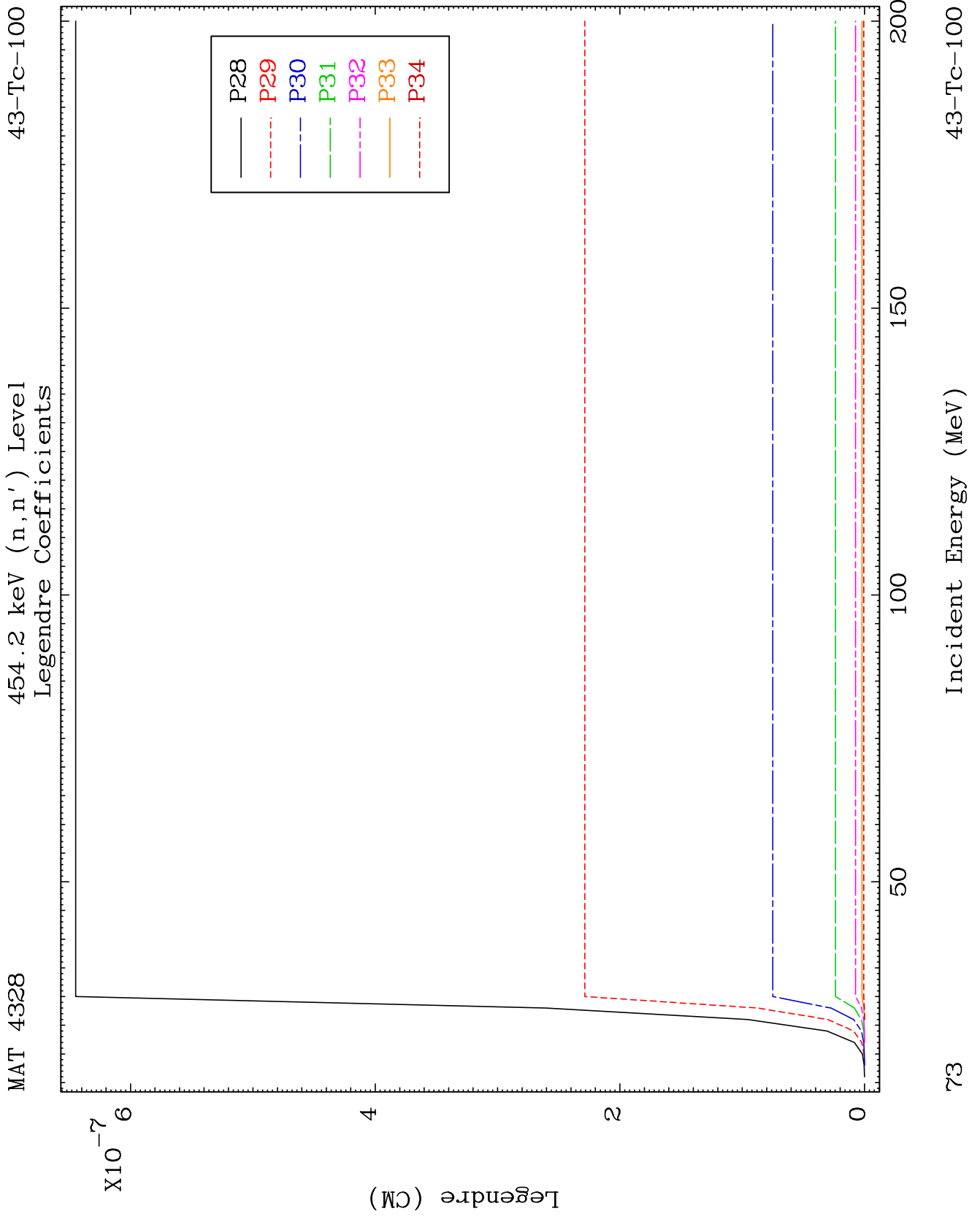


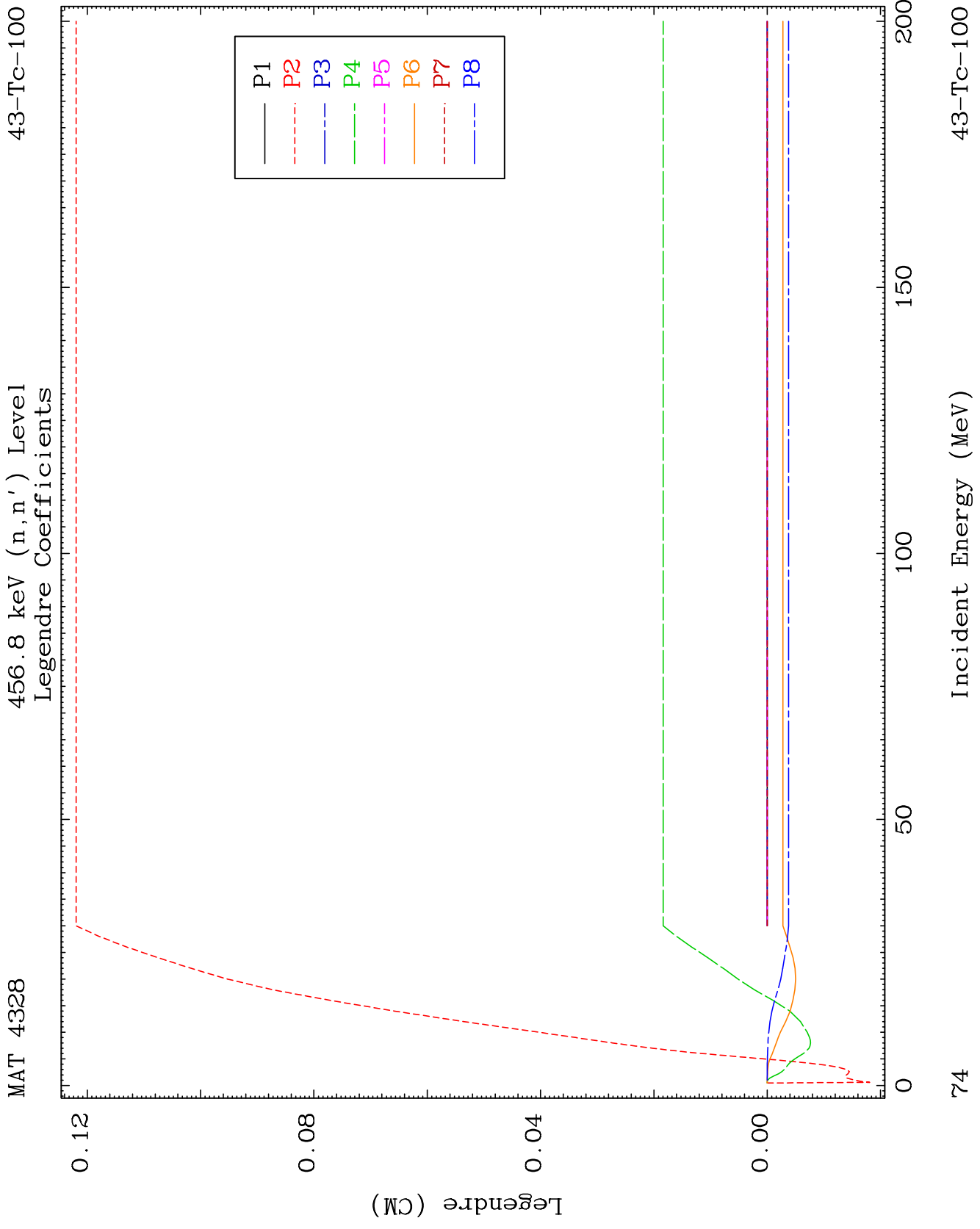
MAT 4328

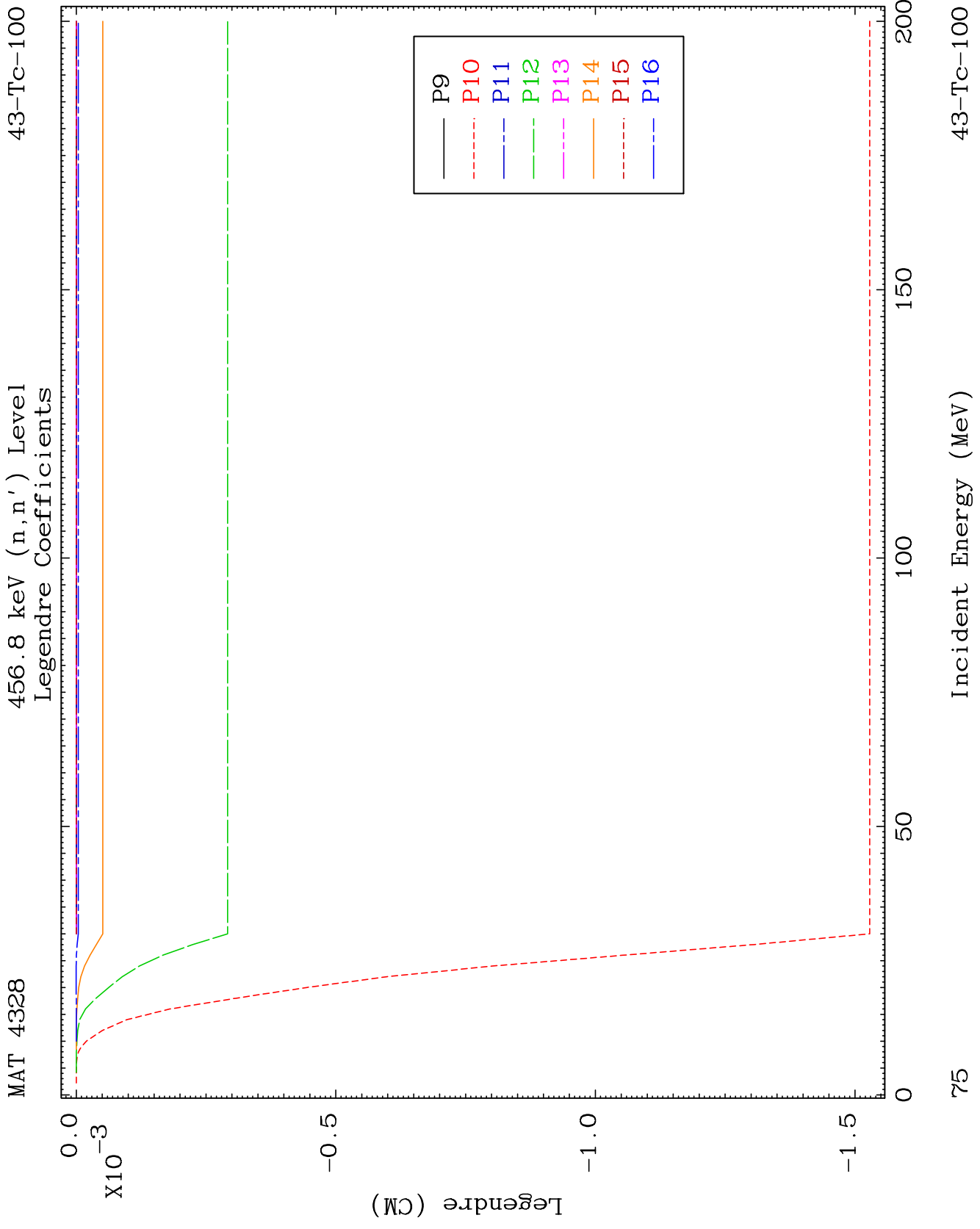
454.2 keV (n,n') Level  
Legendre Coefficients

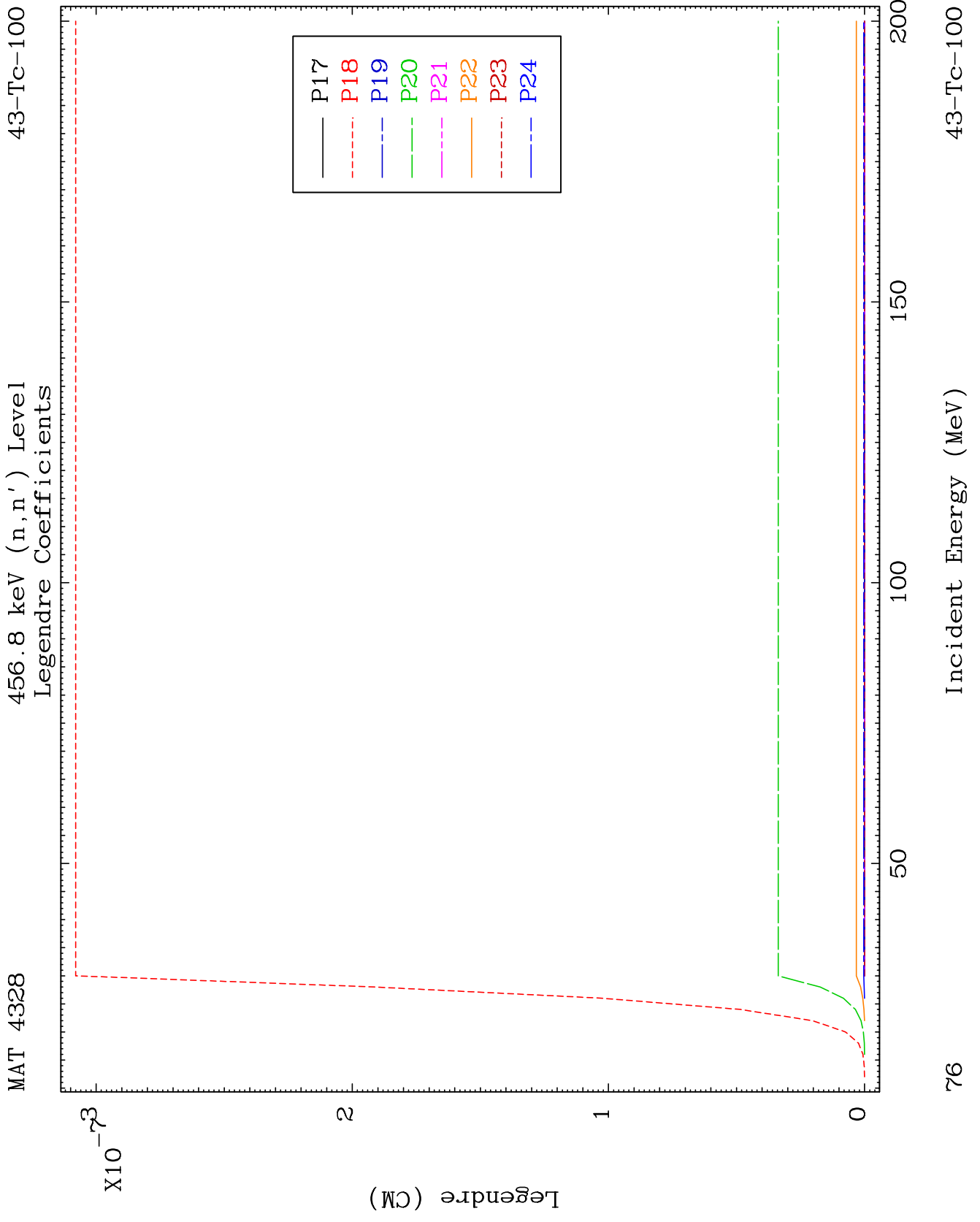
43-Tc-100



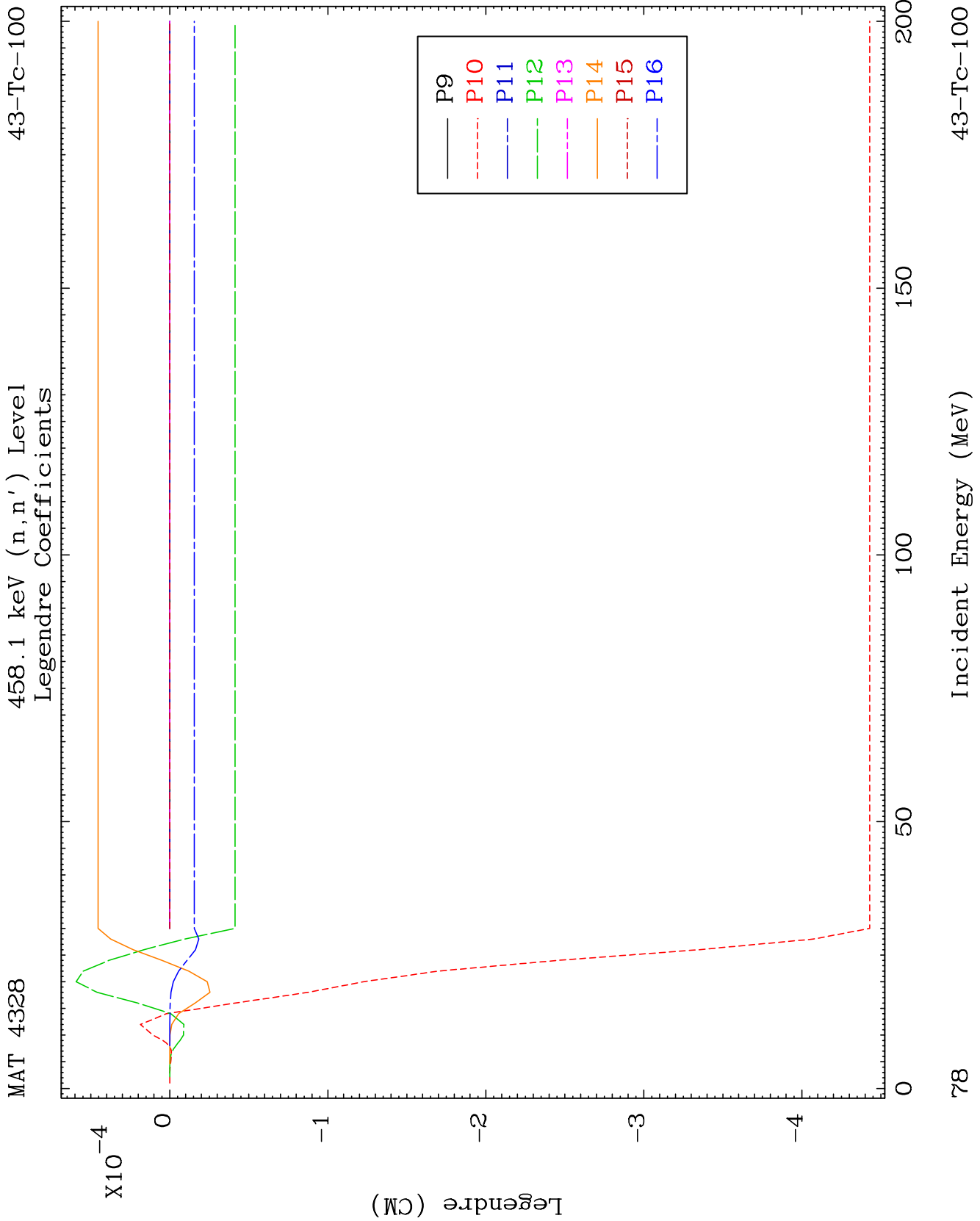


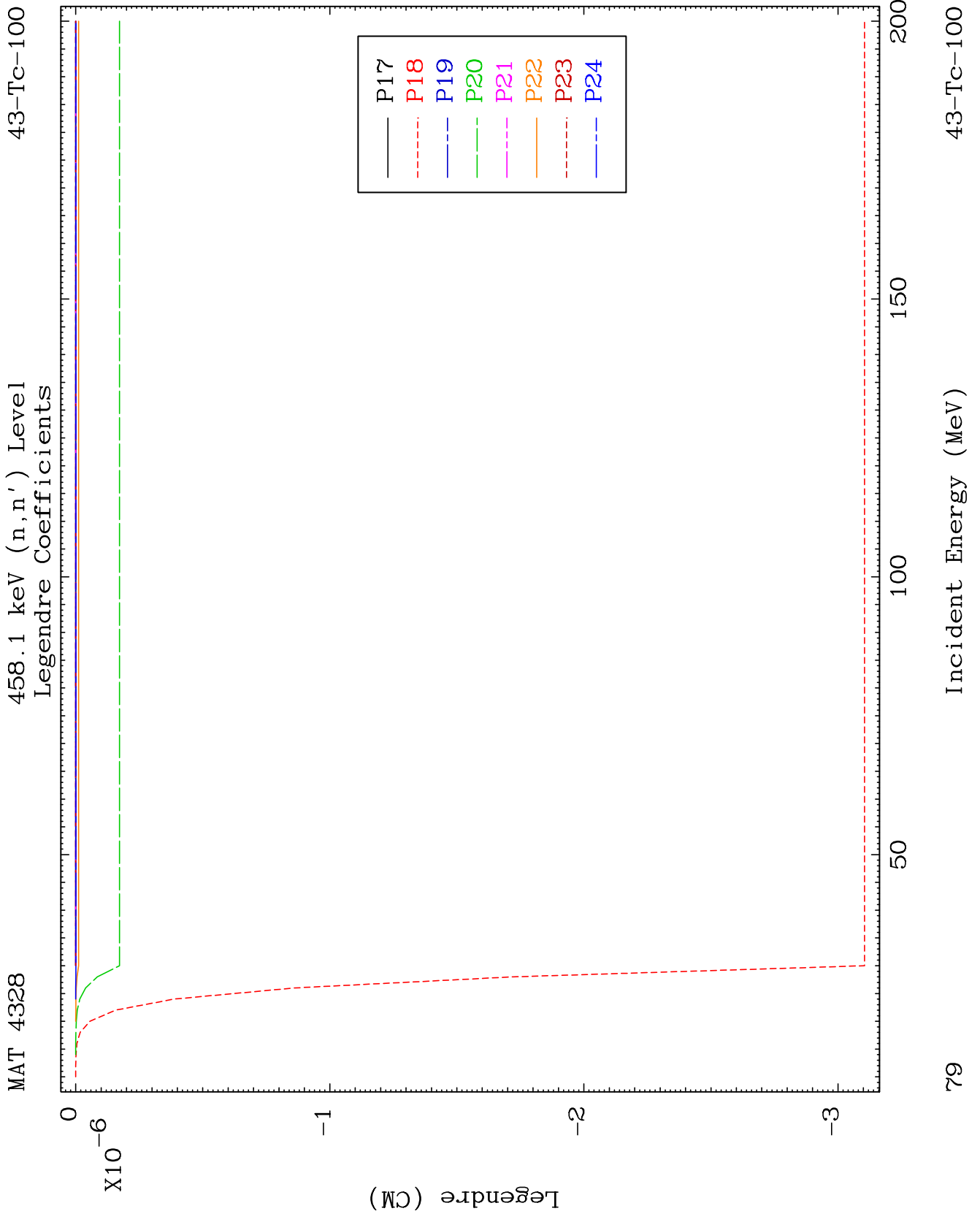




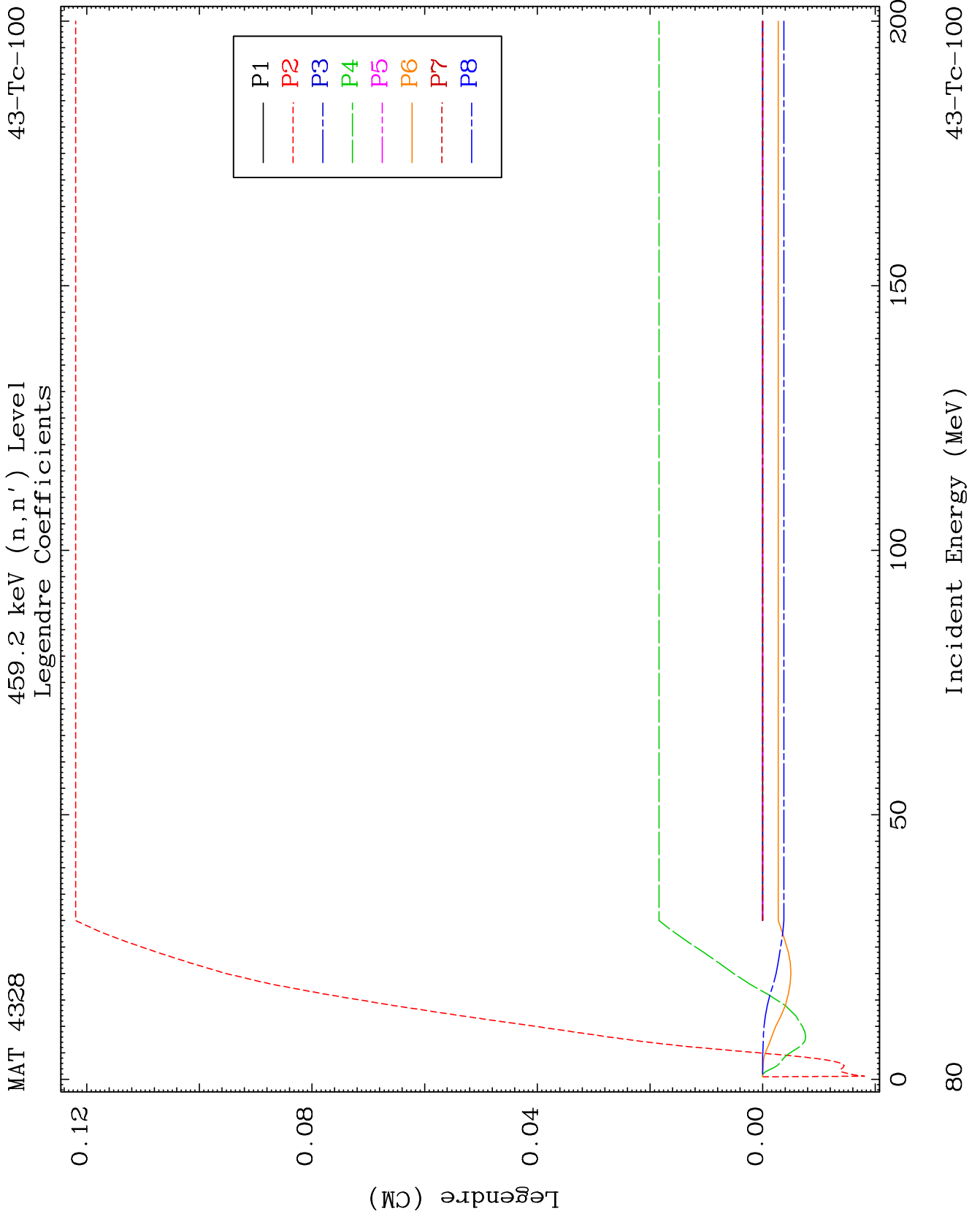


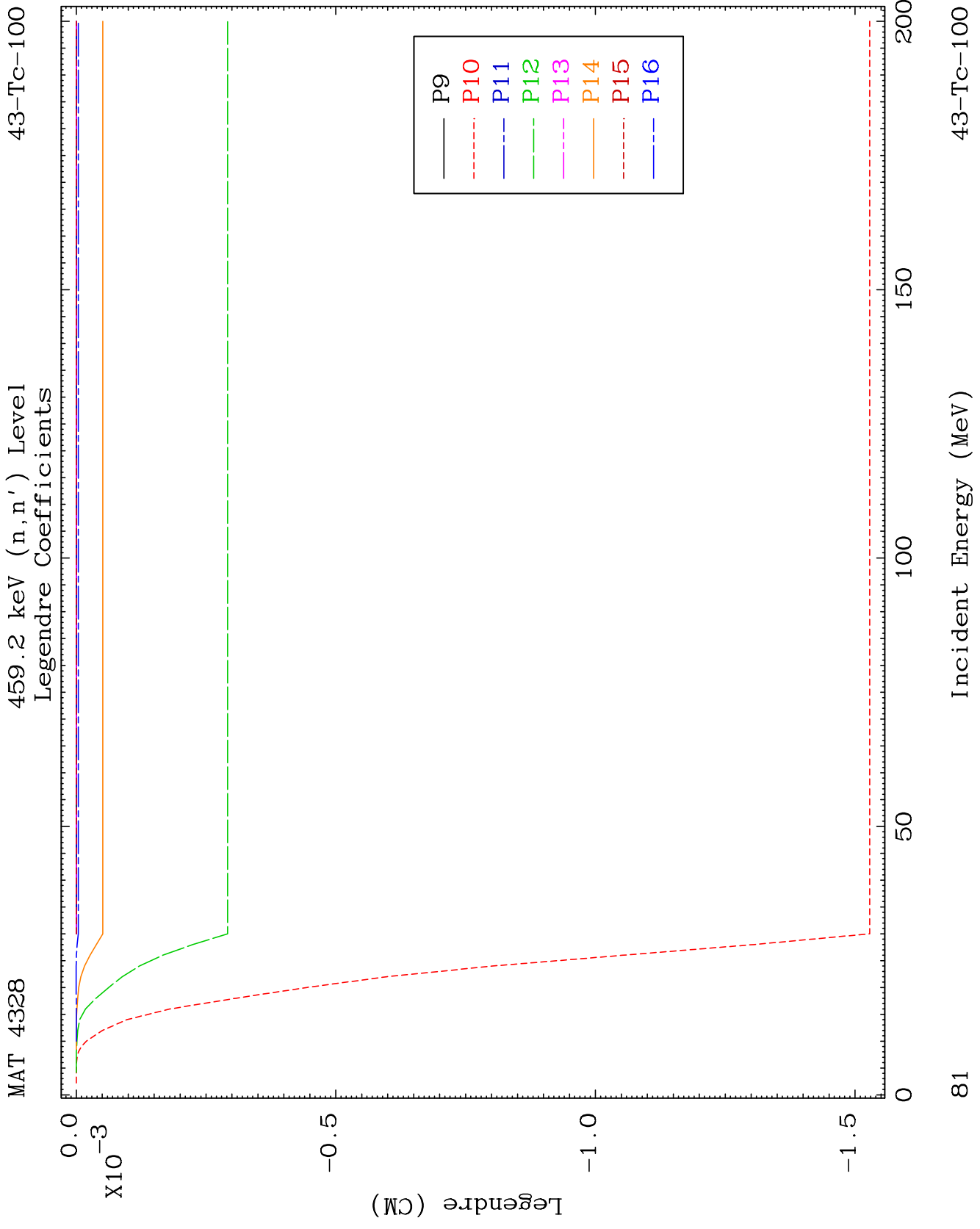


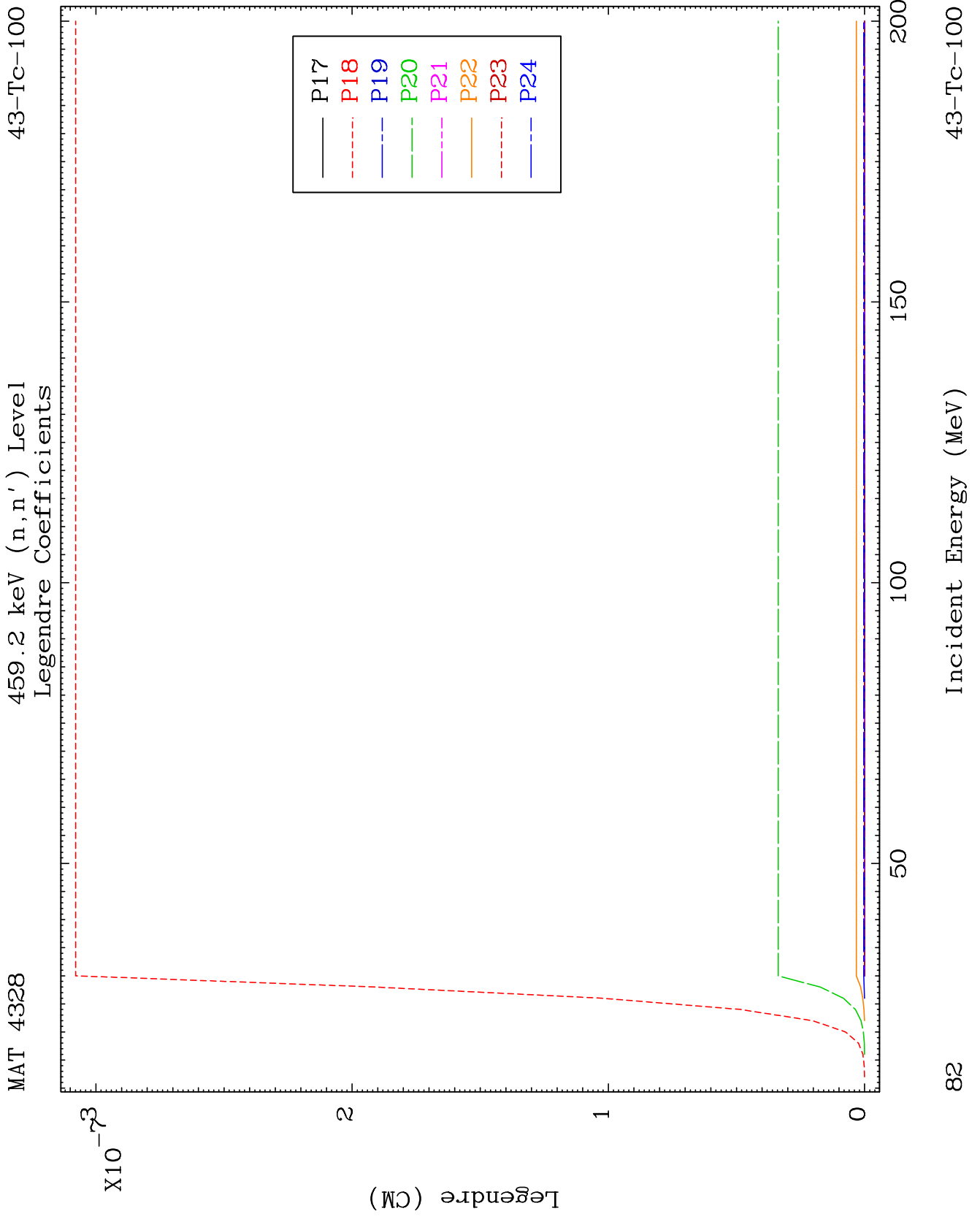


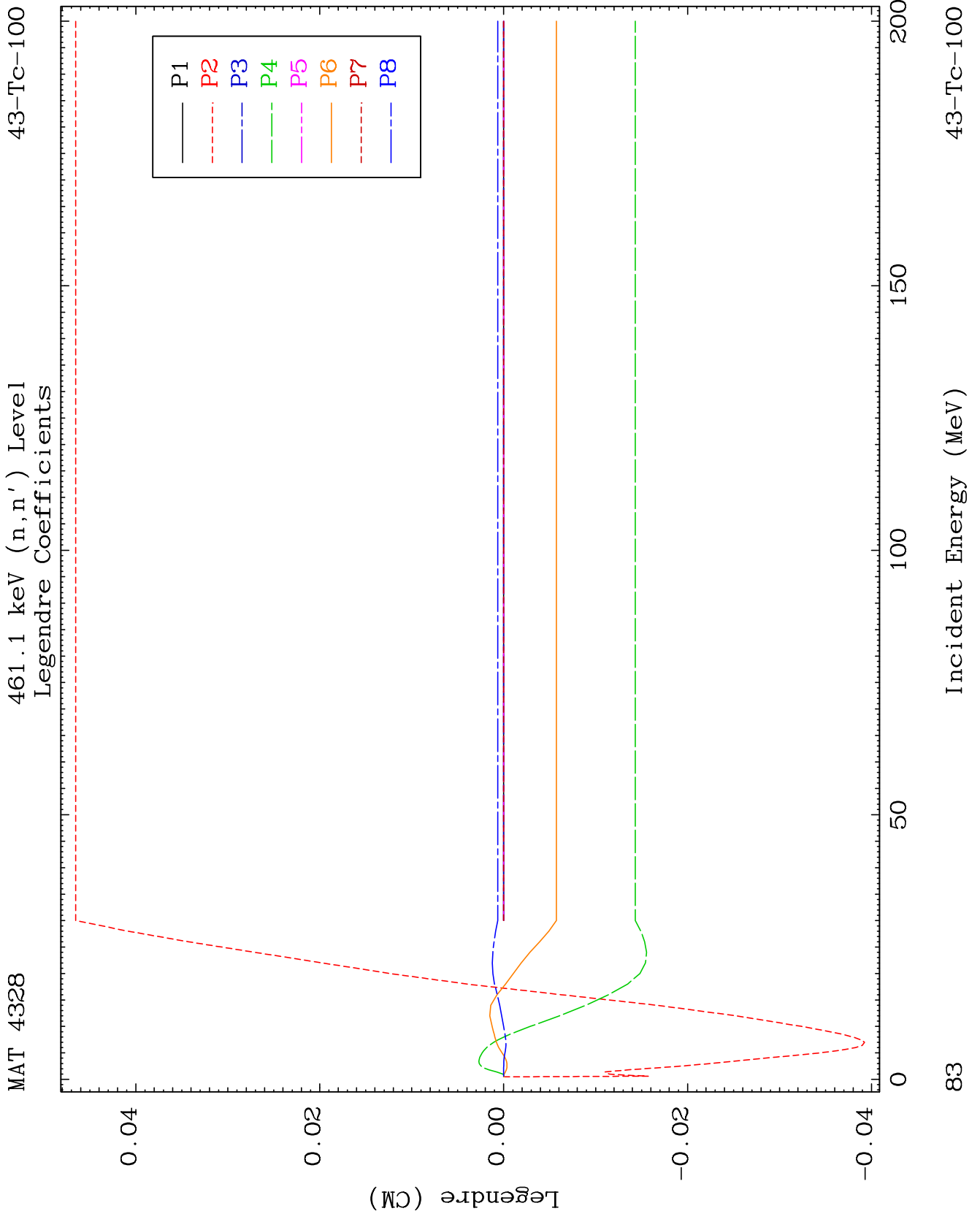




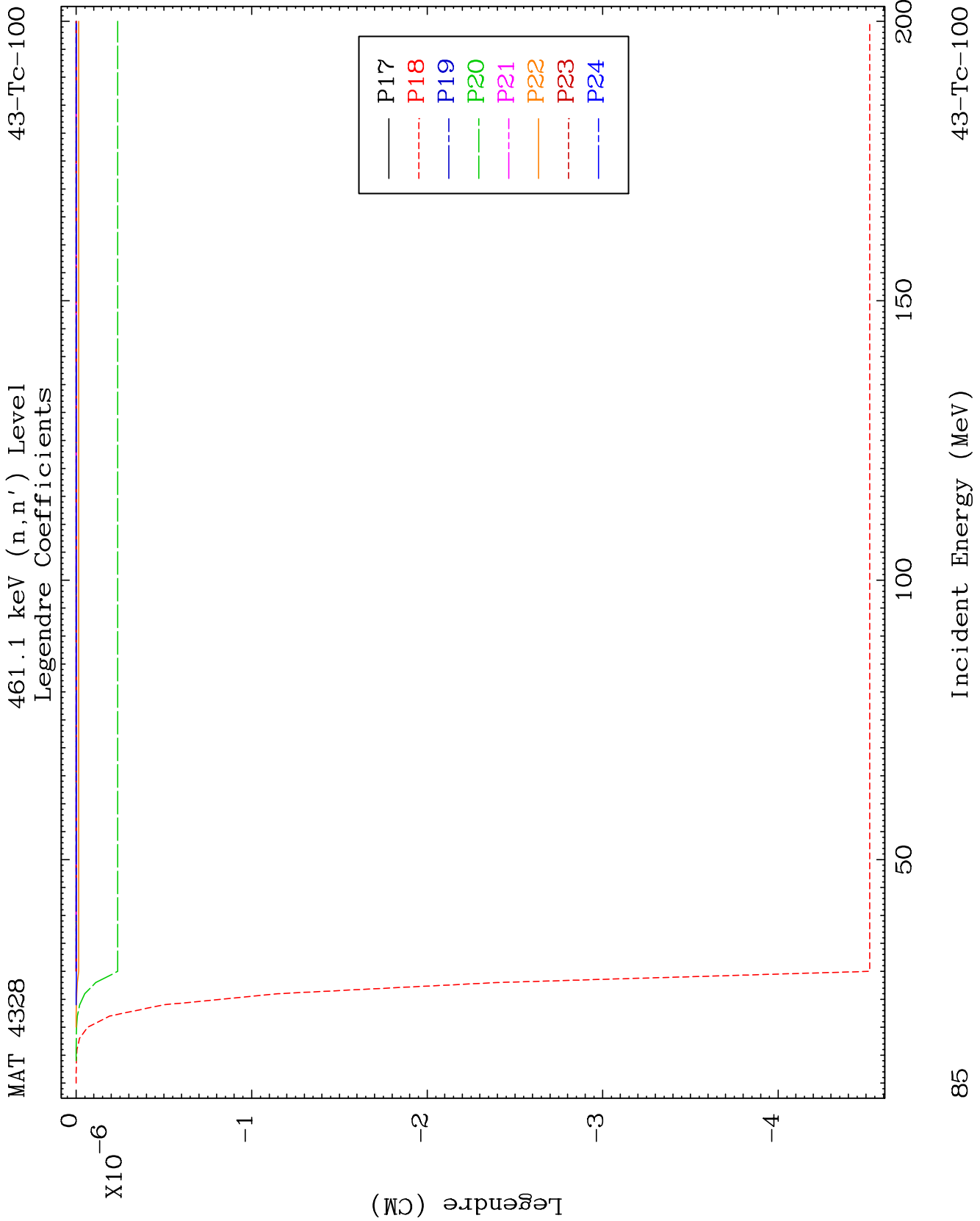


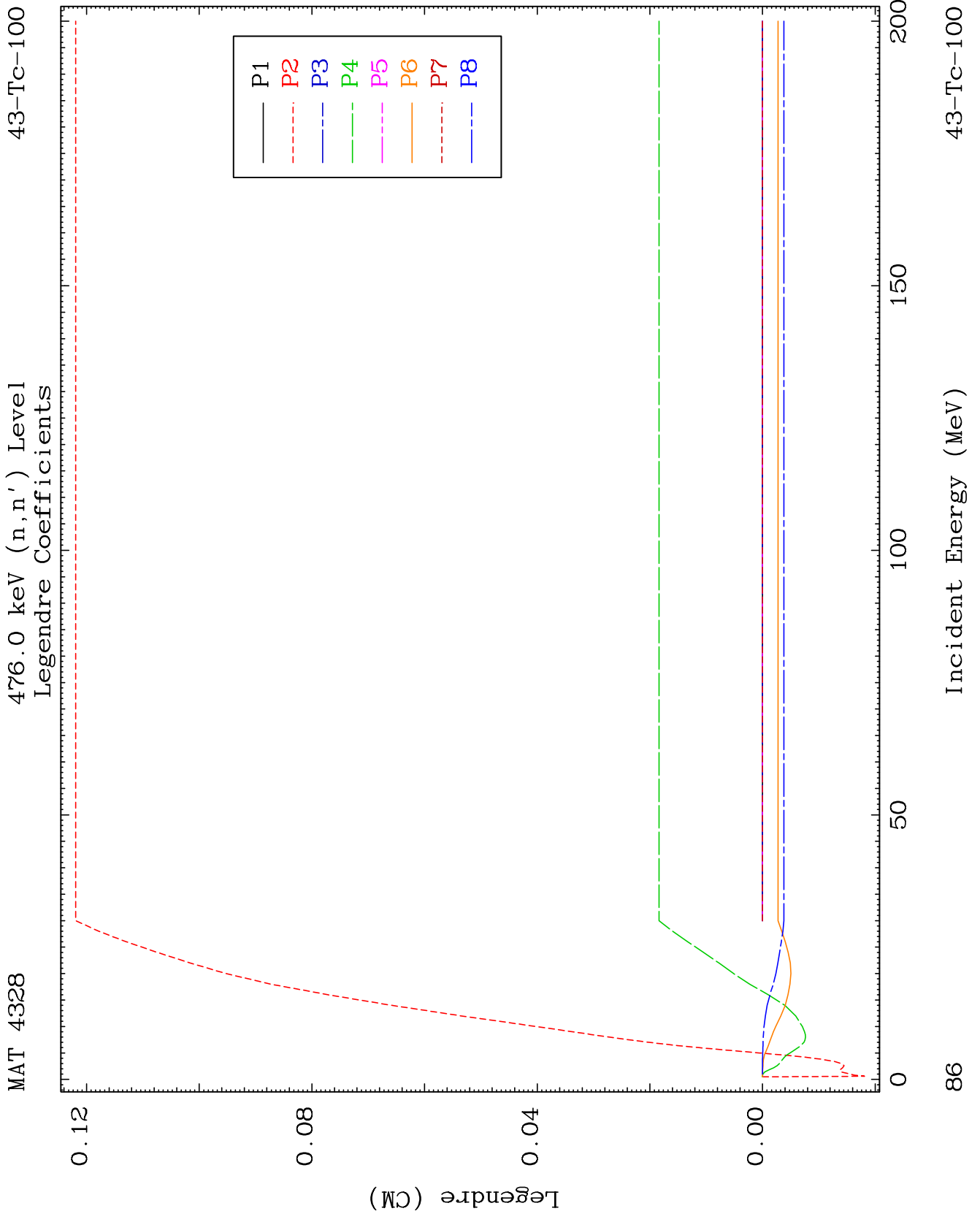


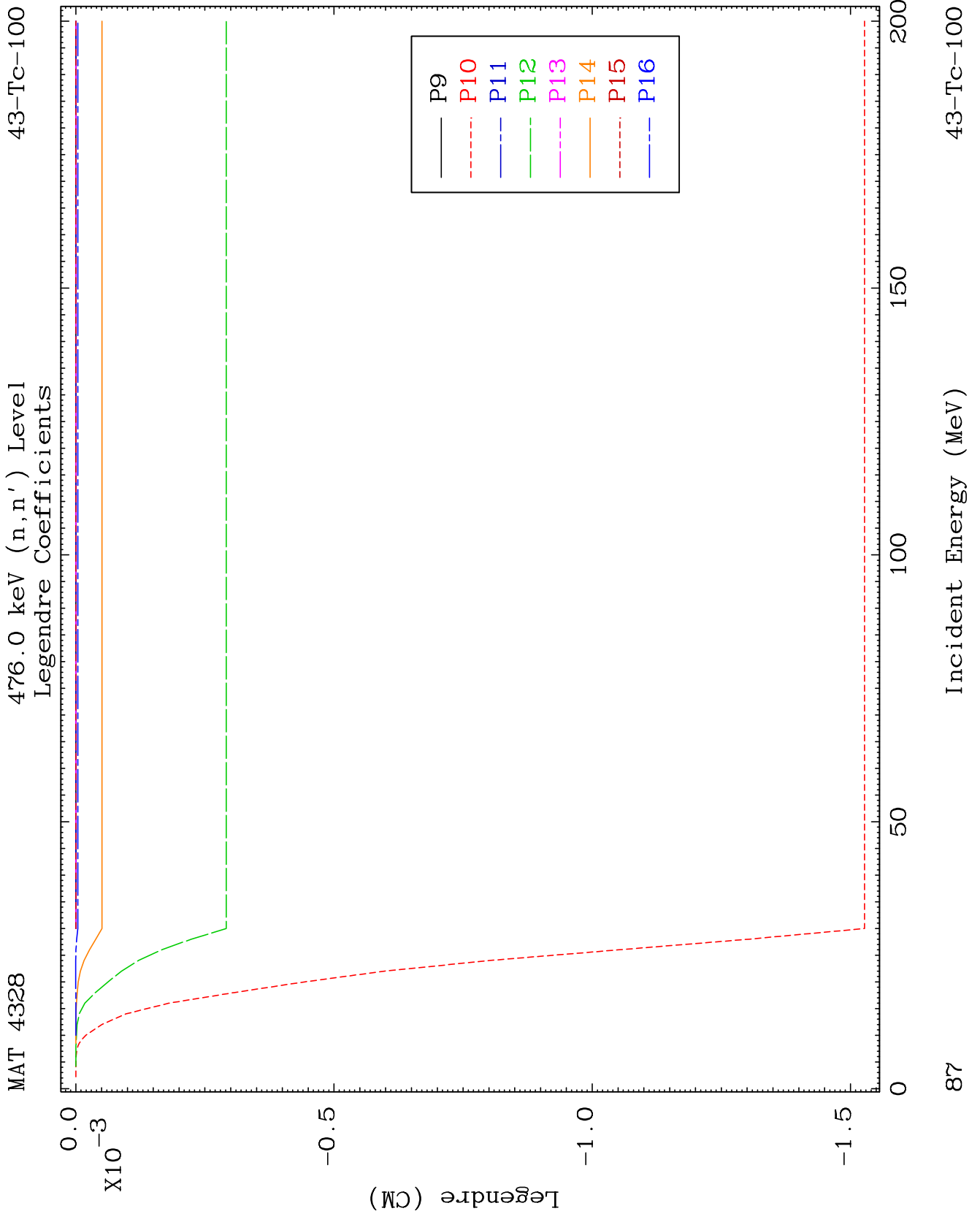












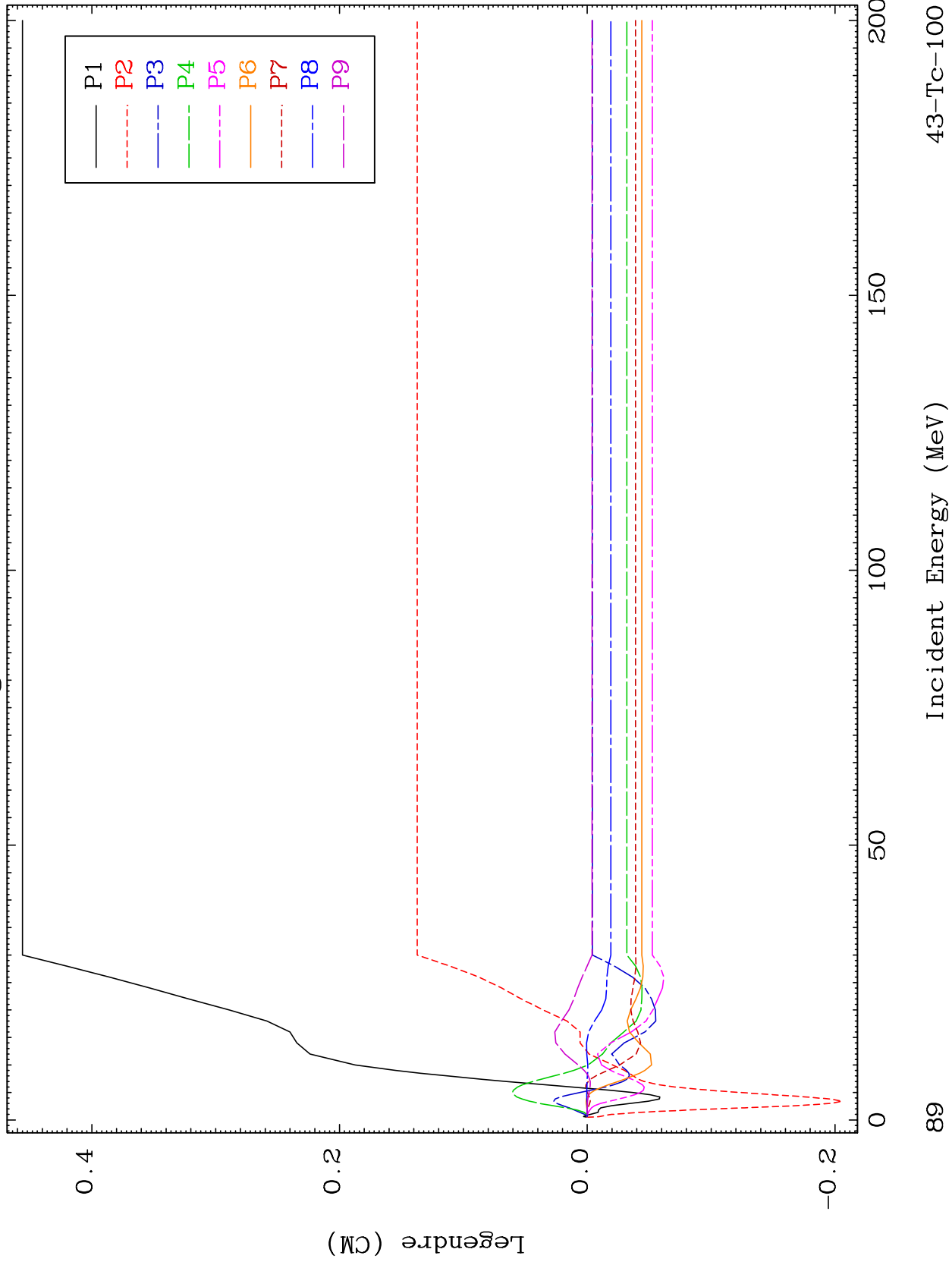




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483.9 keV (n,n') Level  
Legendre Coefficients

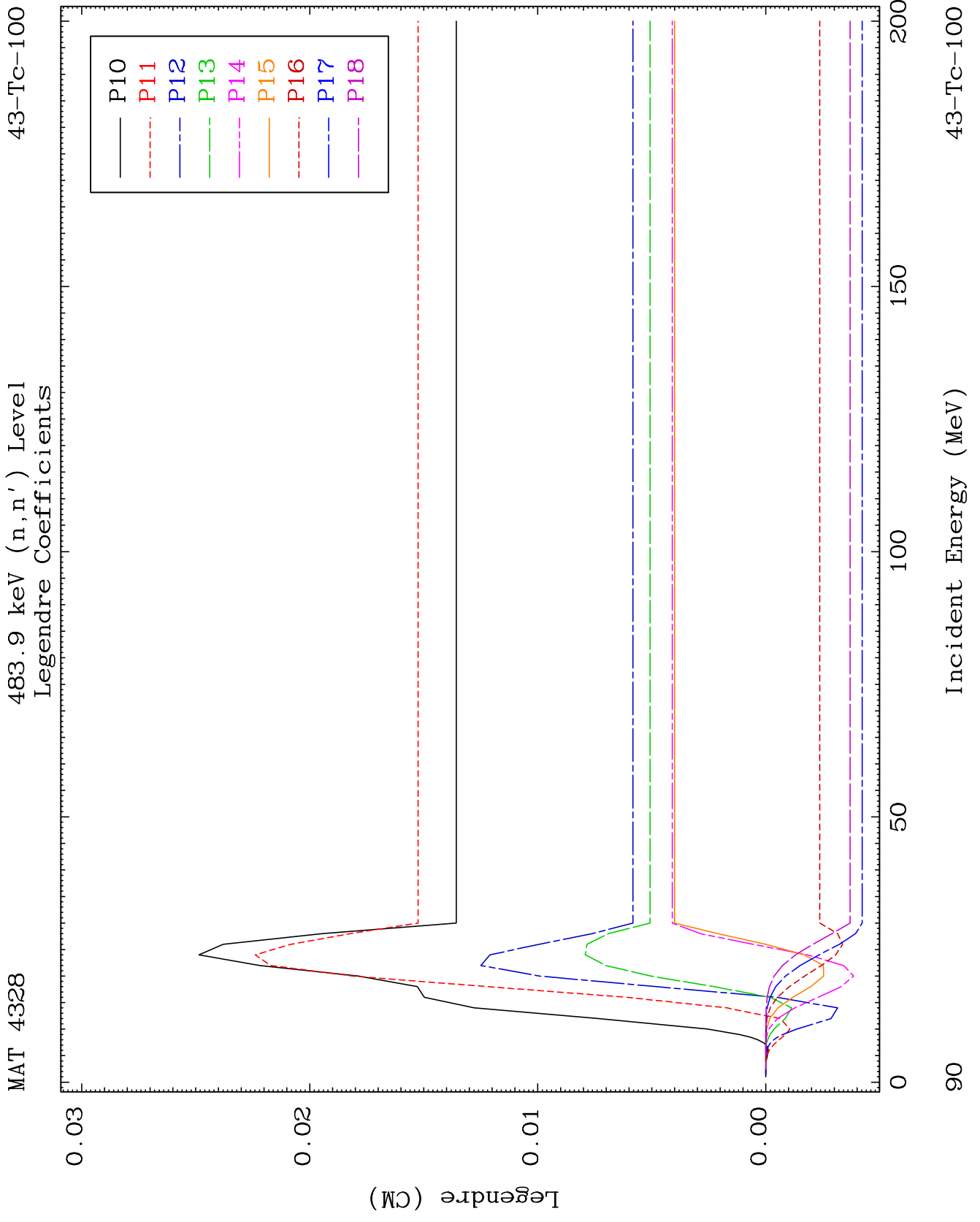
43-Tc-100

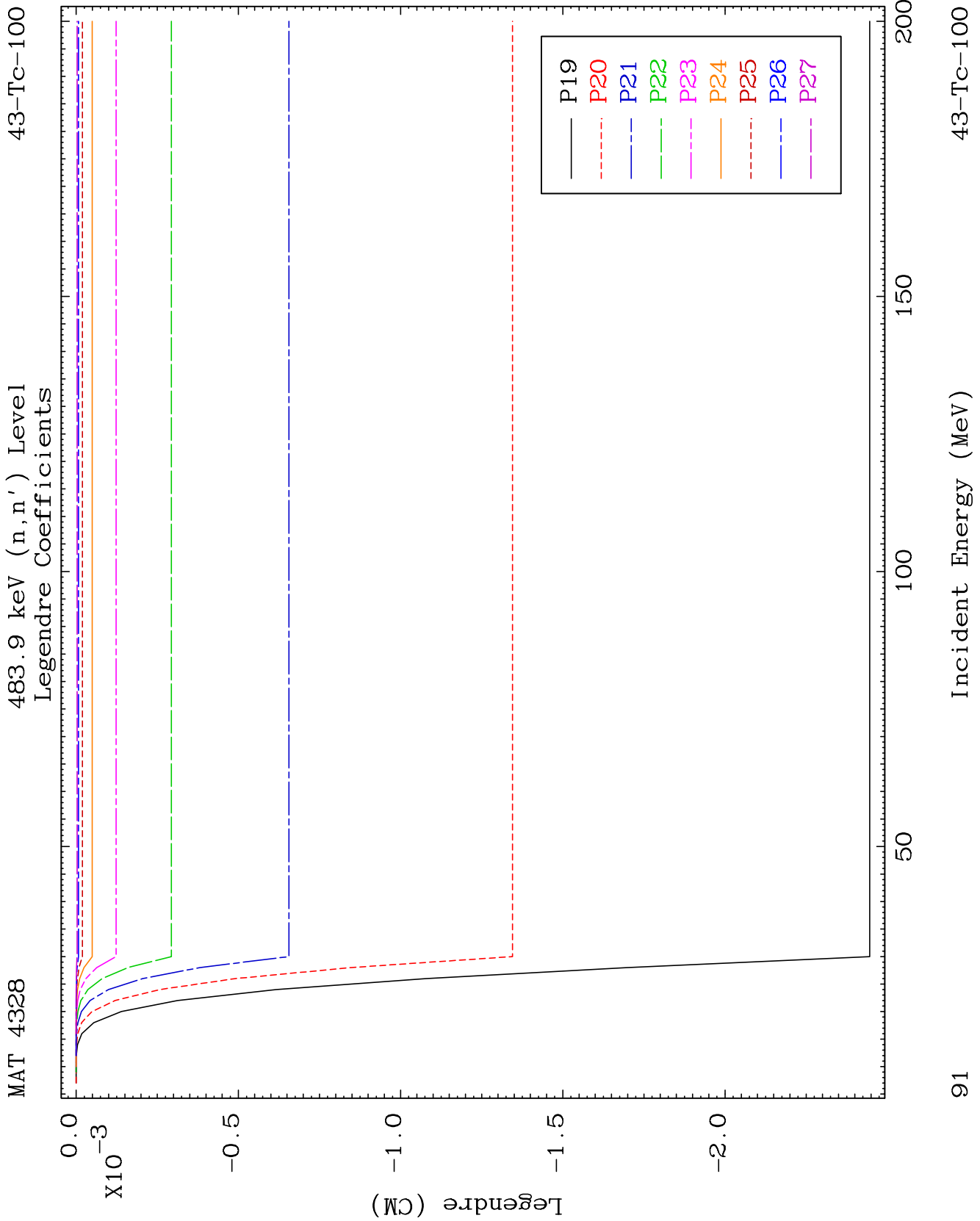


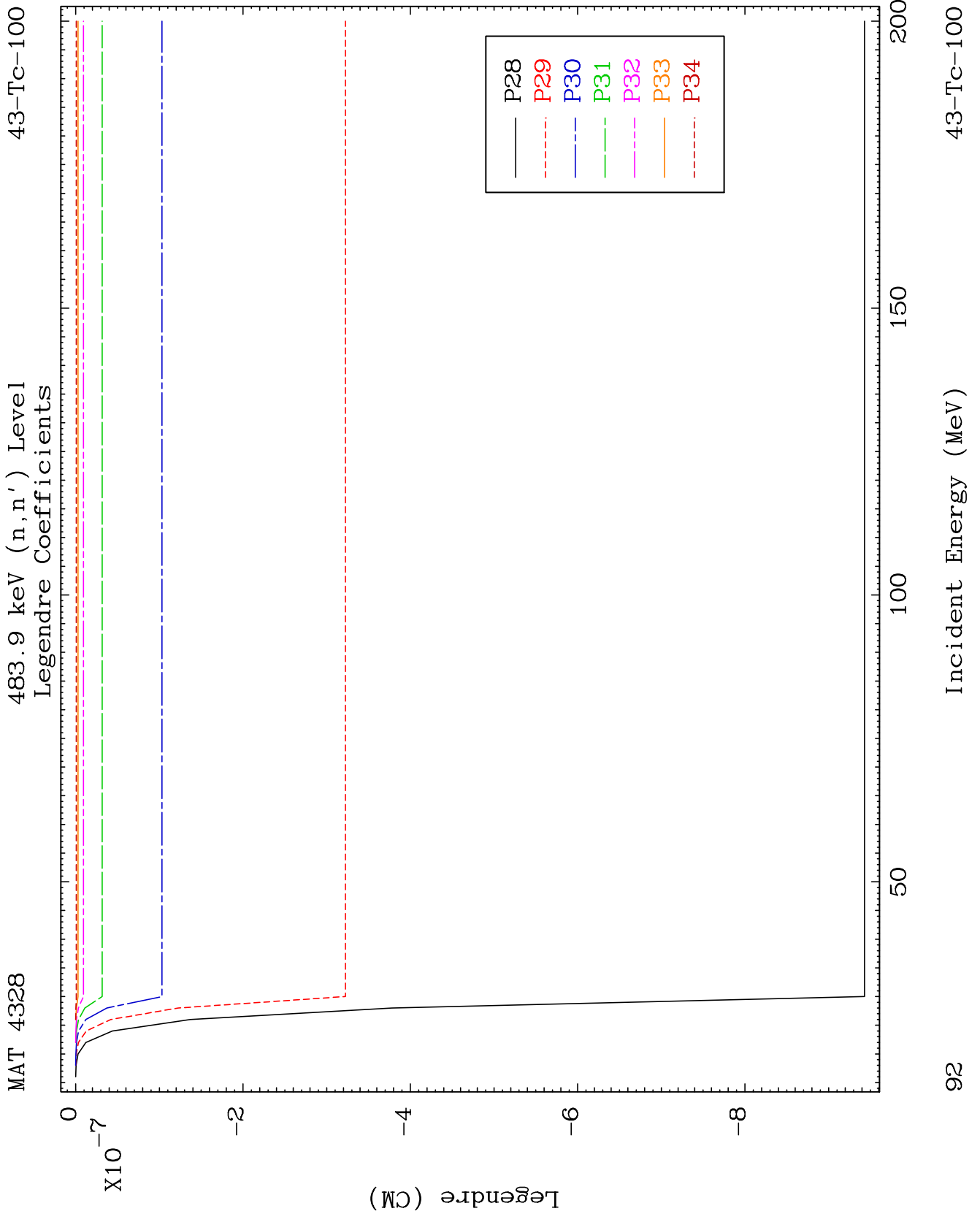
89

Incident Energy (MeV)

43-Tc-100

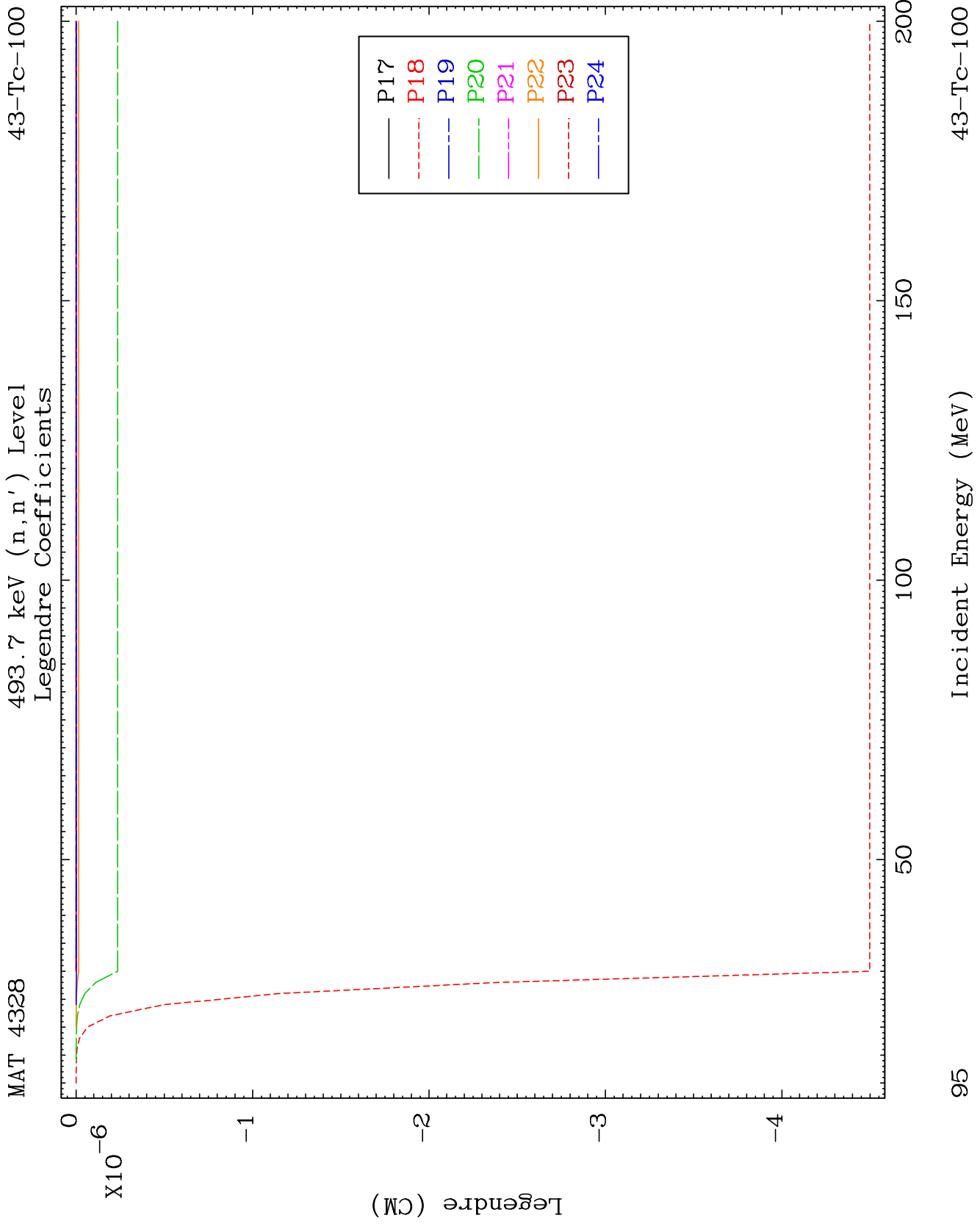




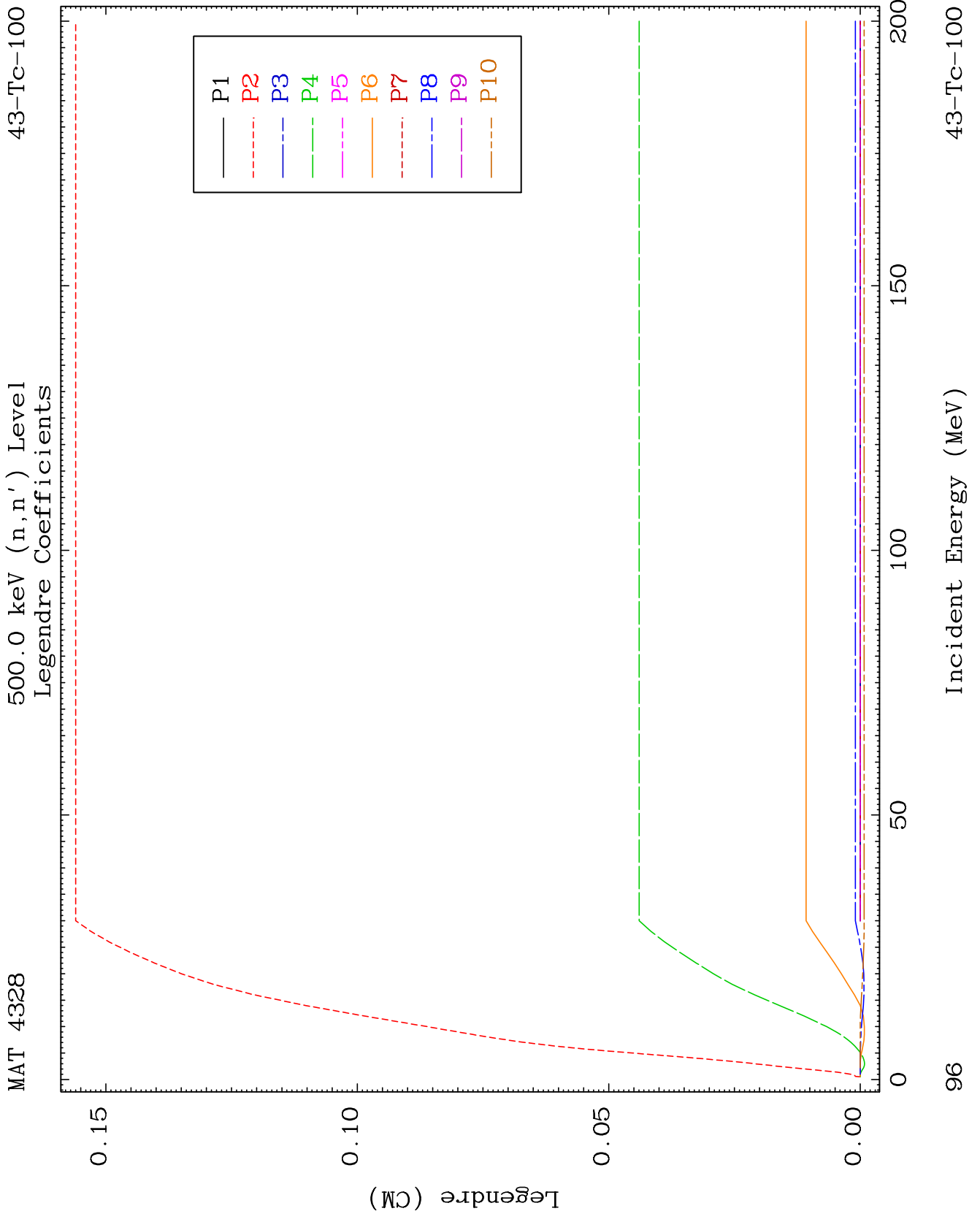






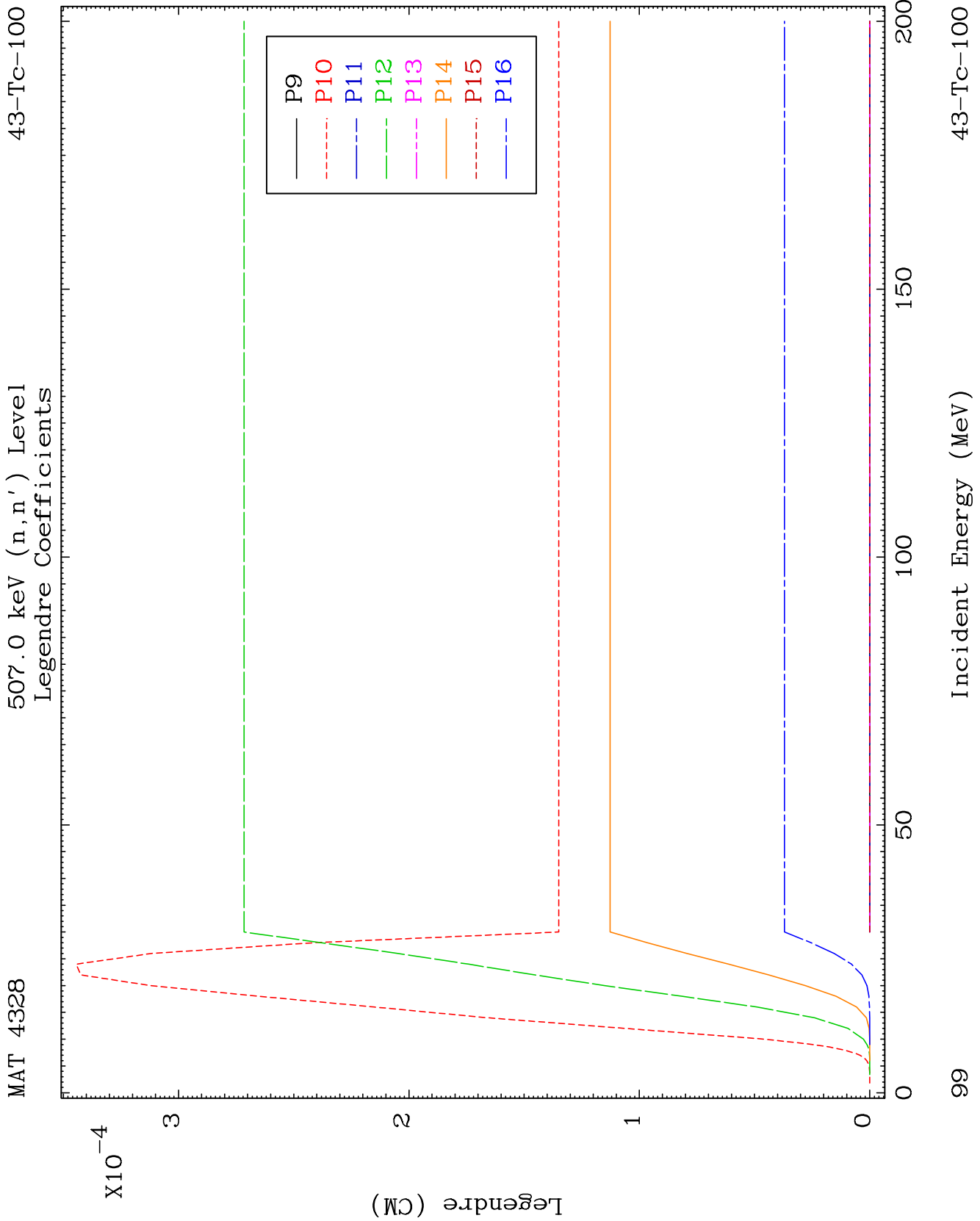


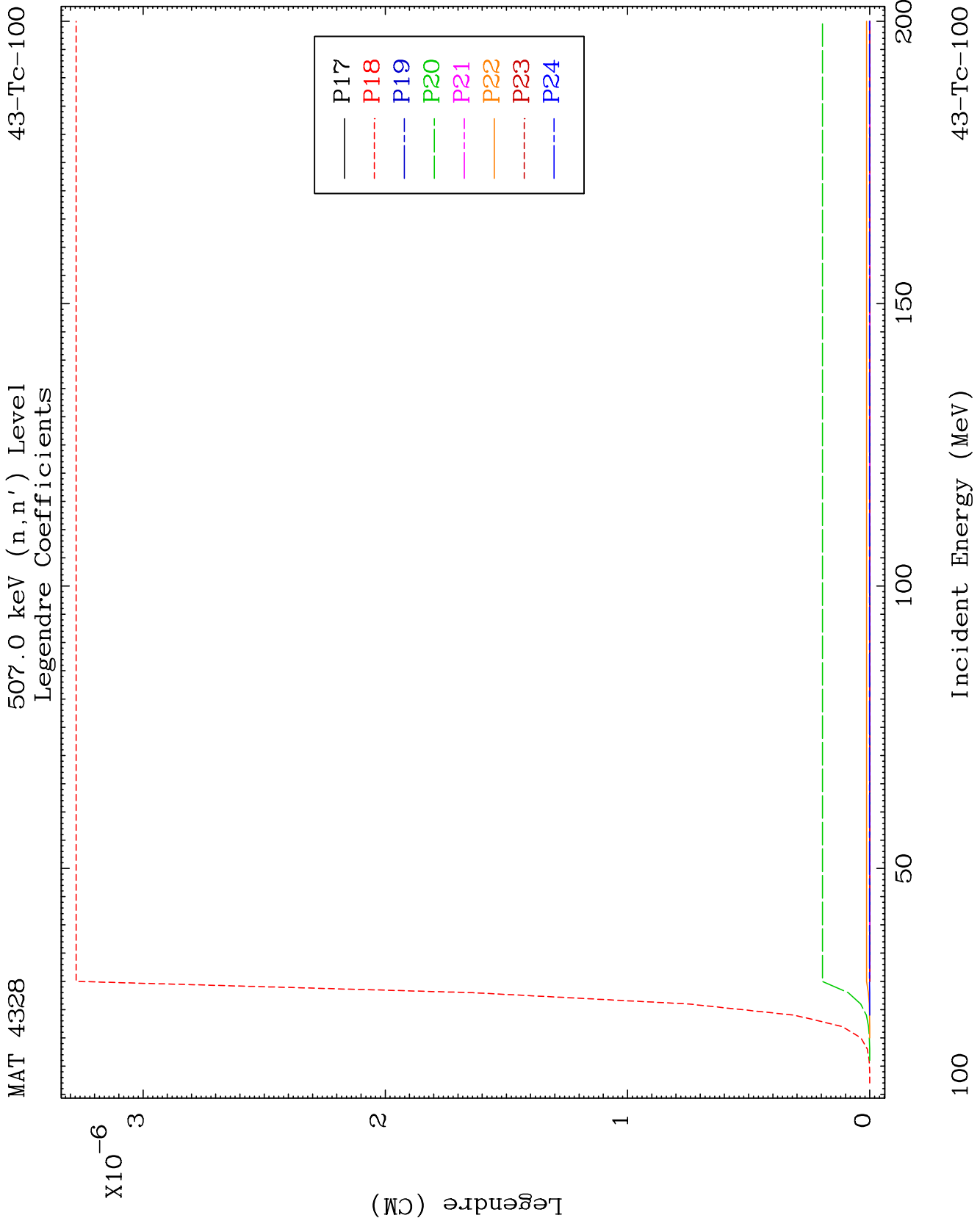


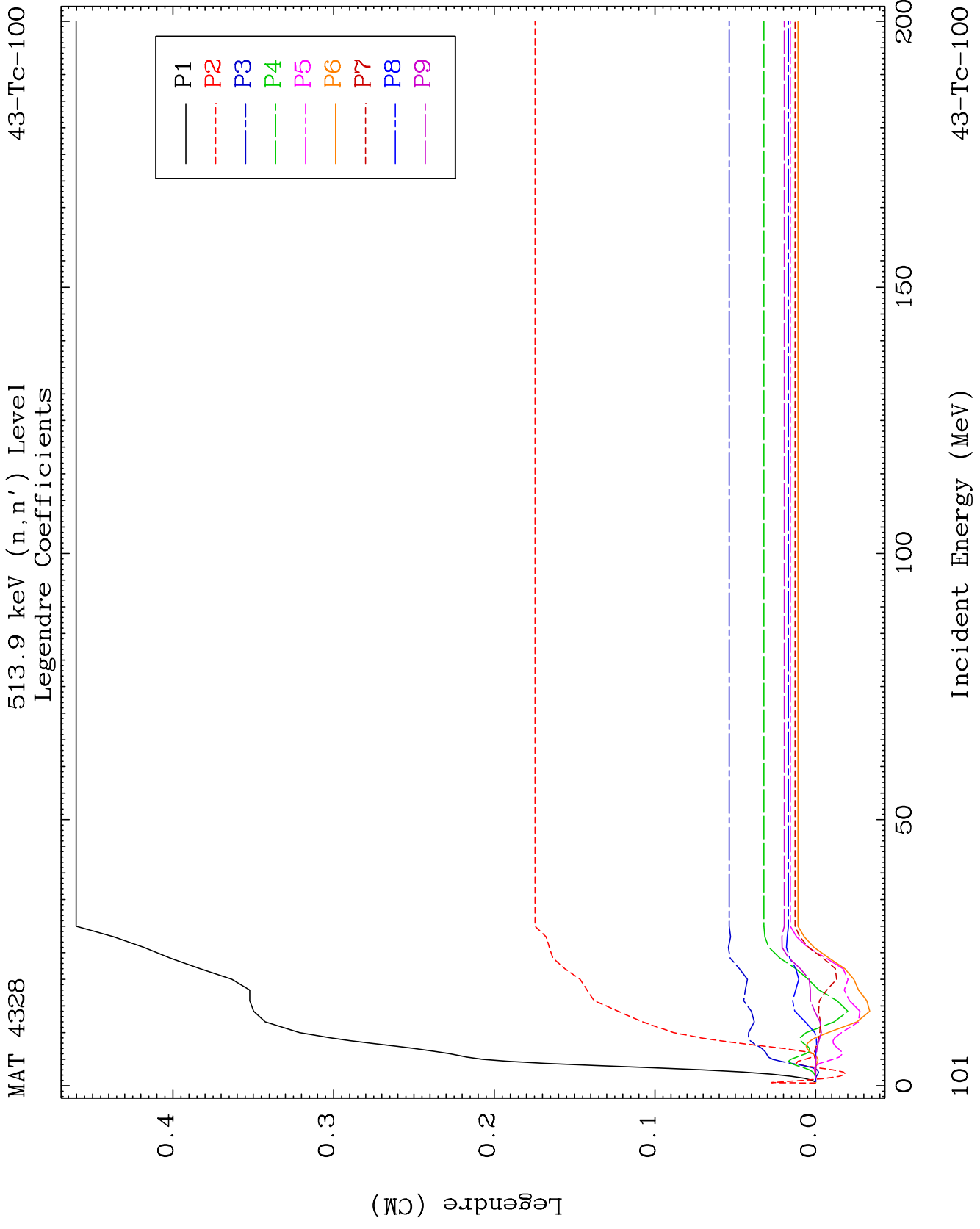








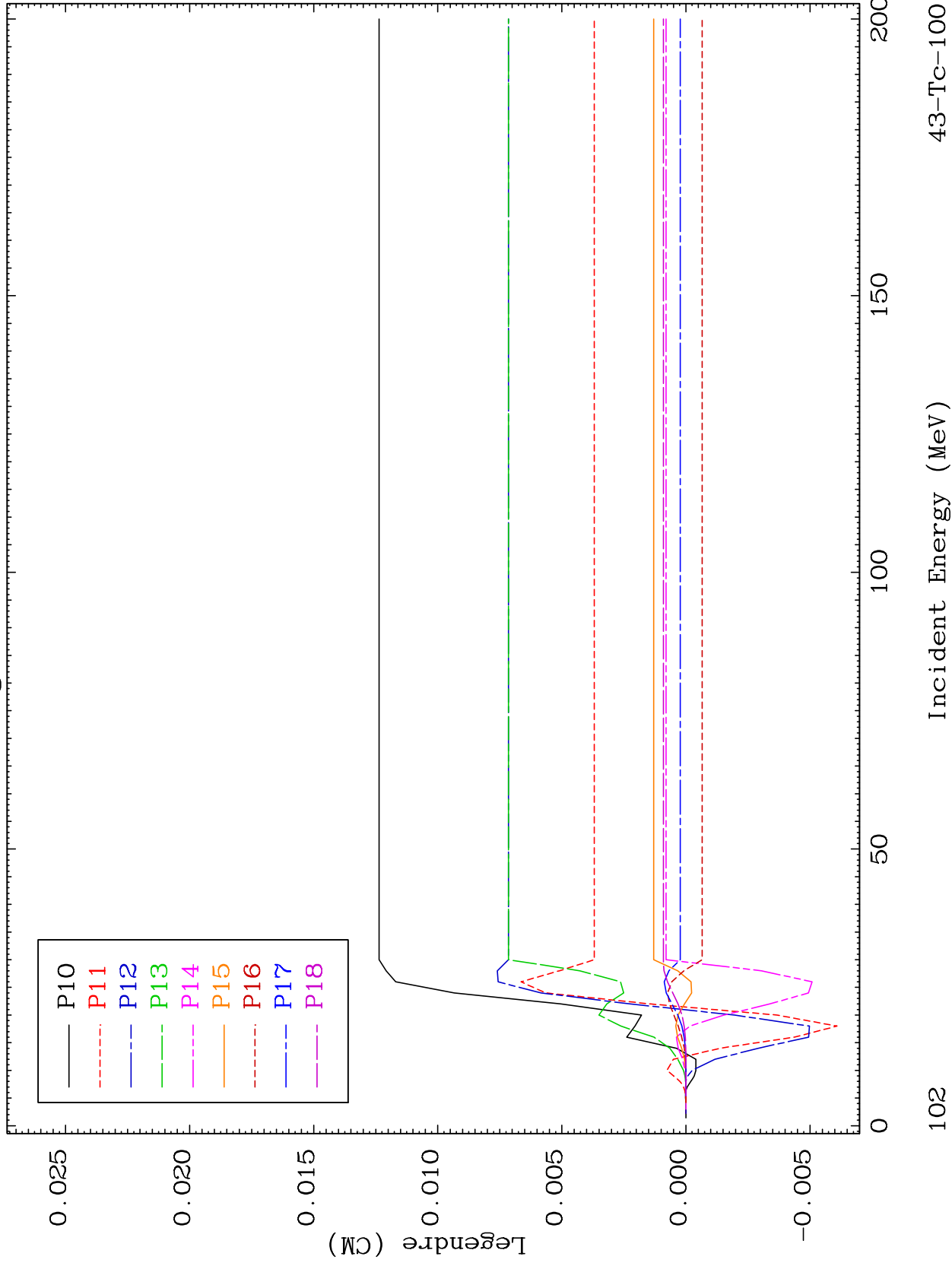




MAT 4328

513.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



102

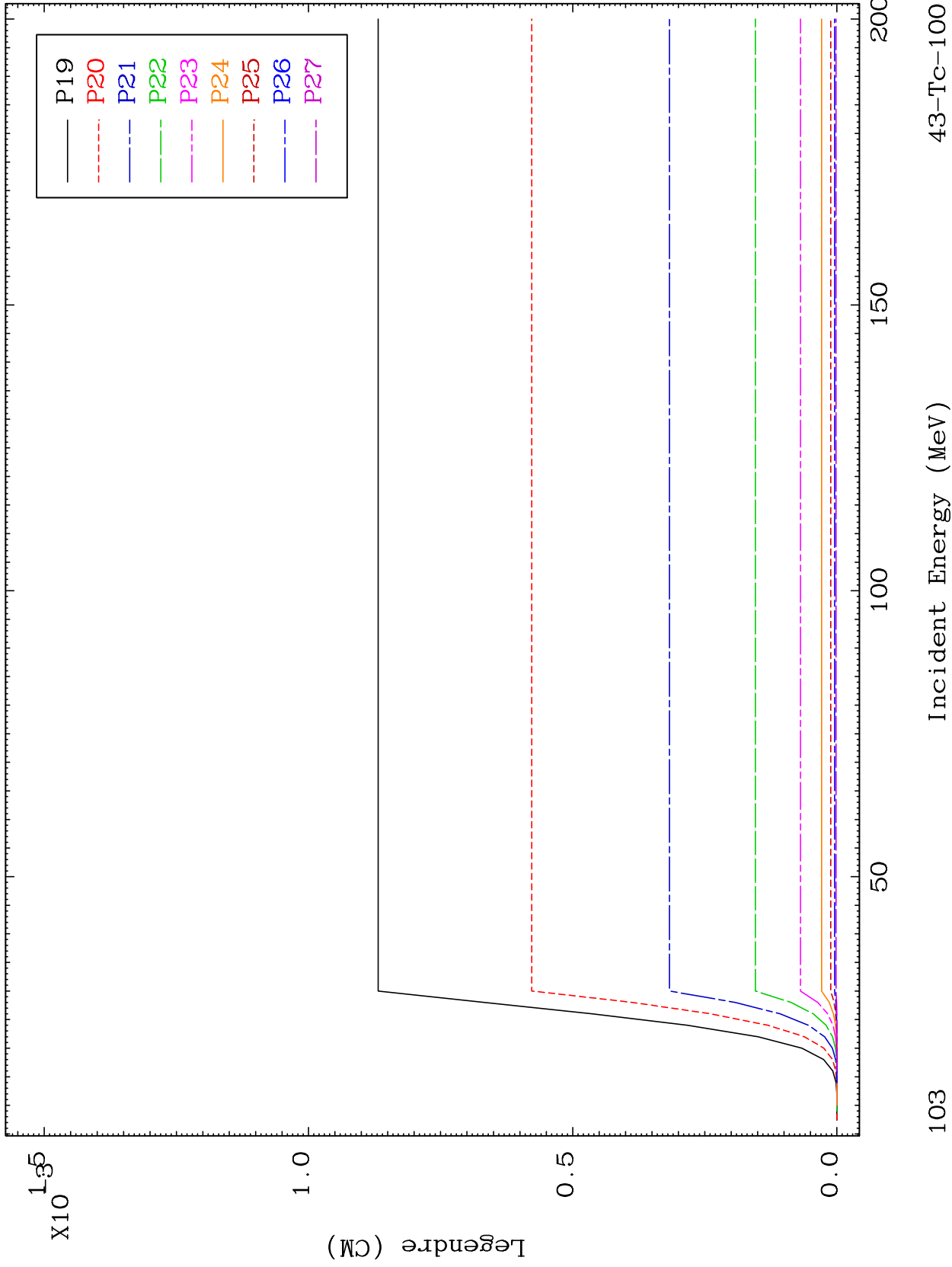
Incident Energy (MeV)

43-Tc-100

MAT 4328

513.9 keV (n,n') Level  
Legendre Coefficients

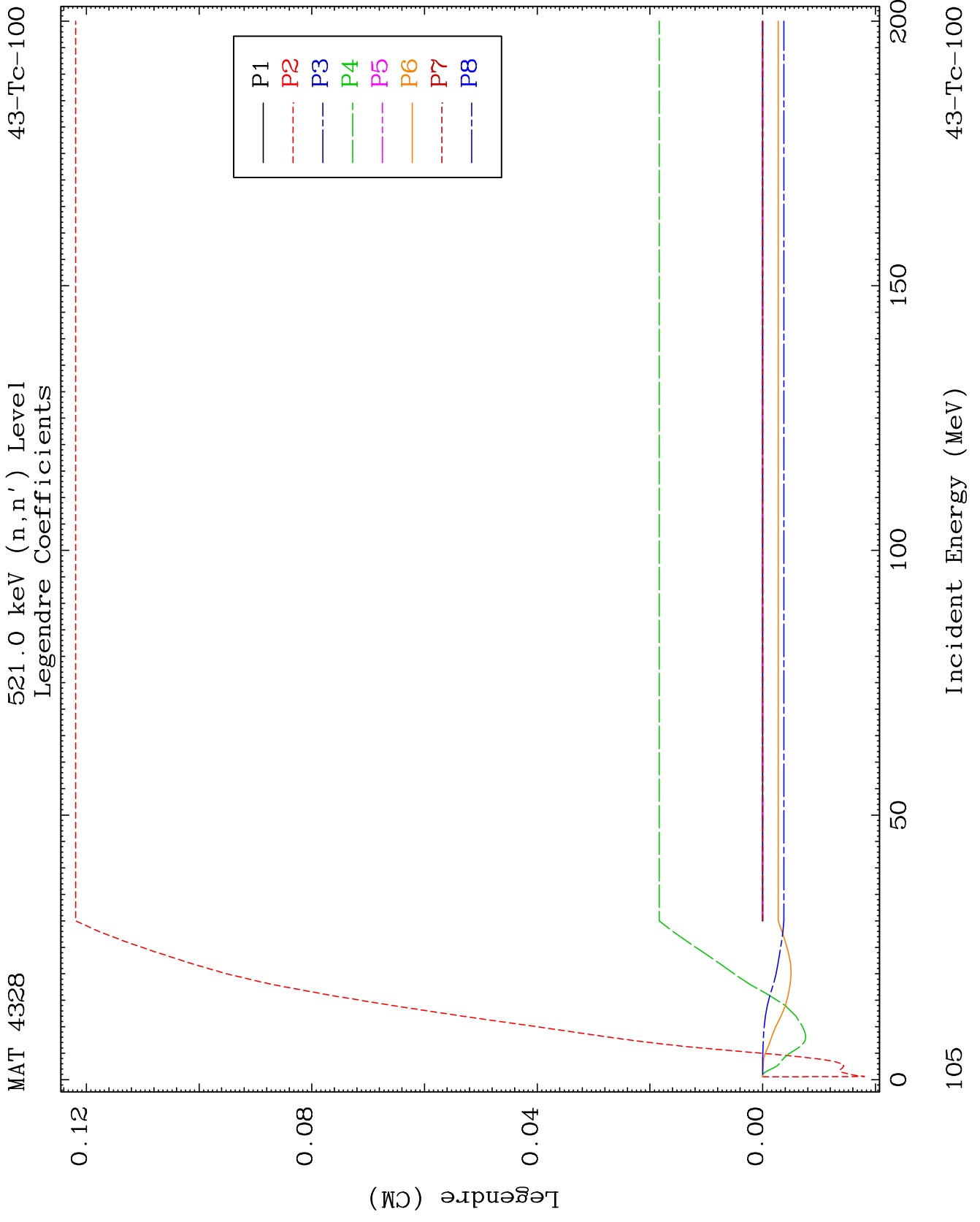
43-Tc-100

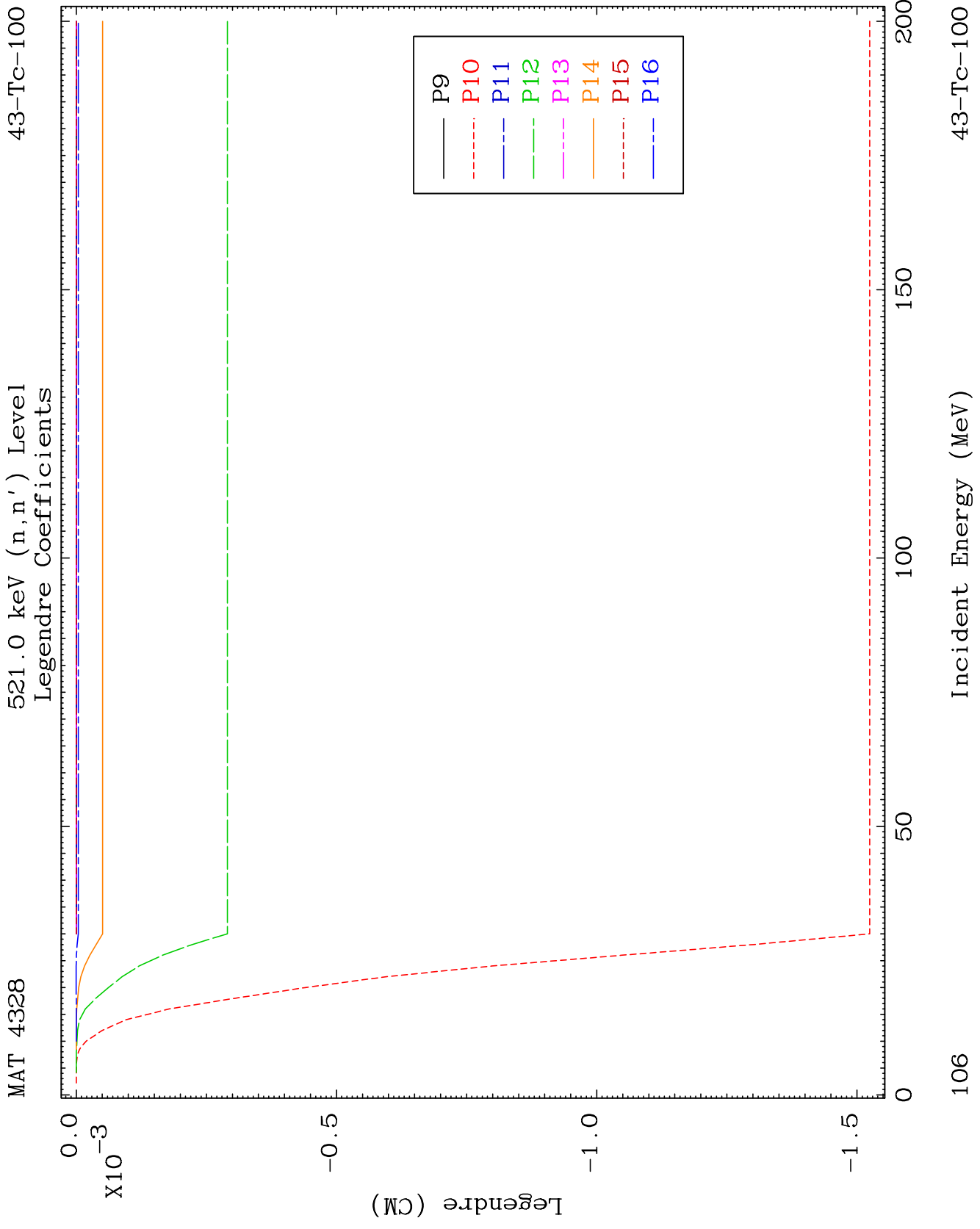


103











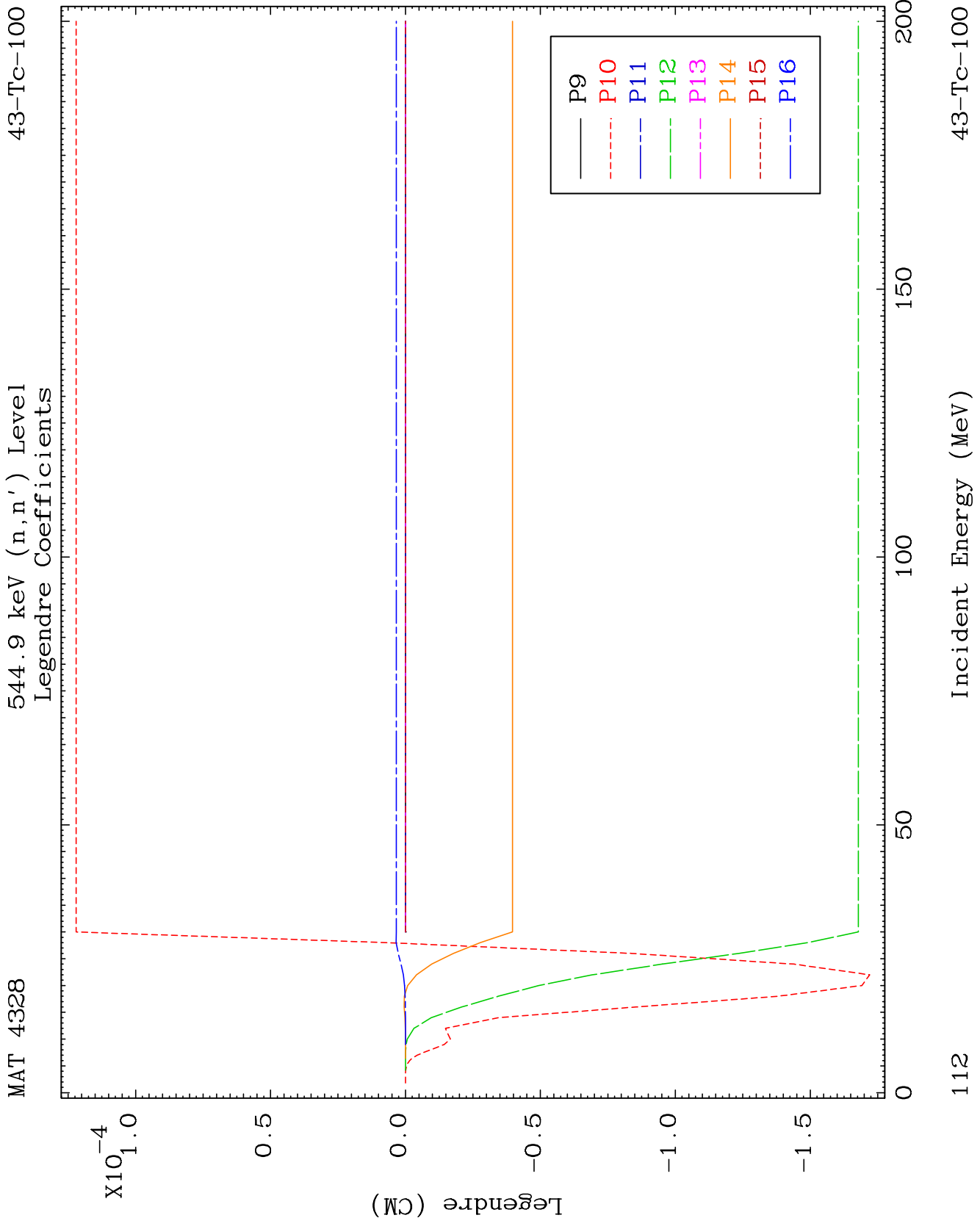


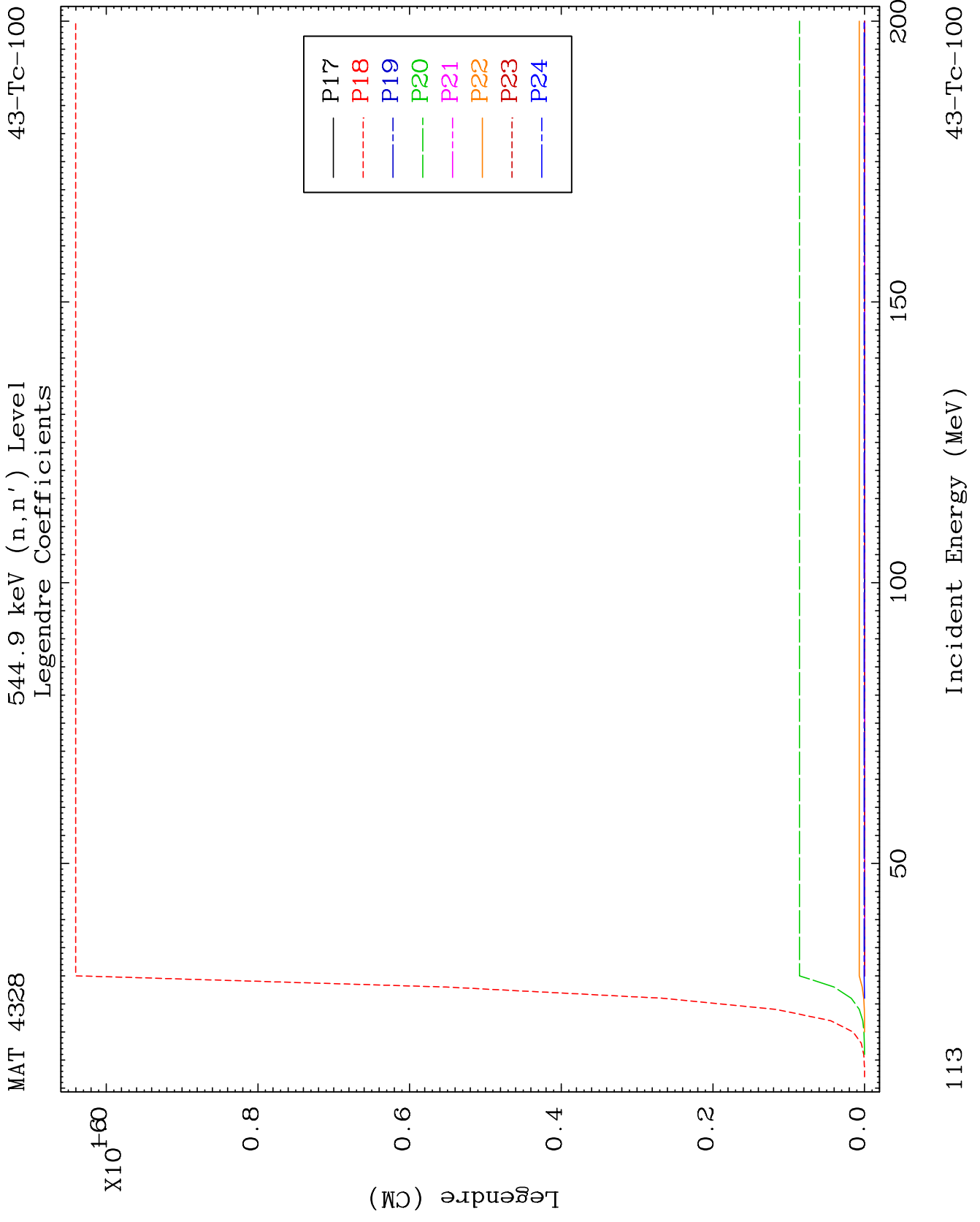








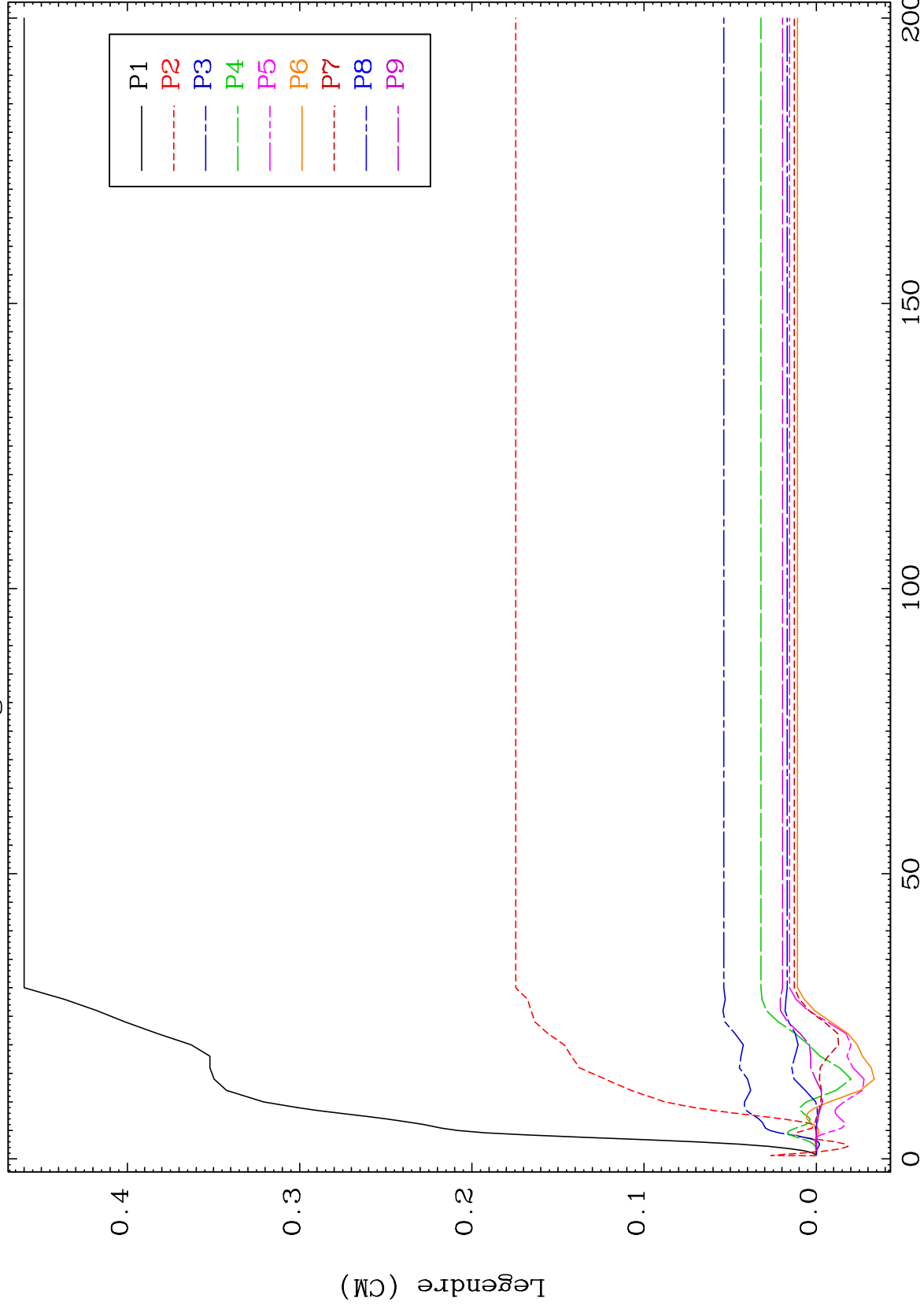




MAT 4328

552.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-100



114

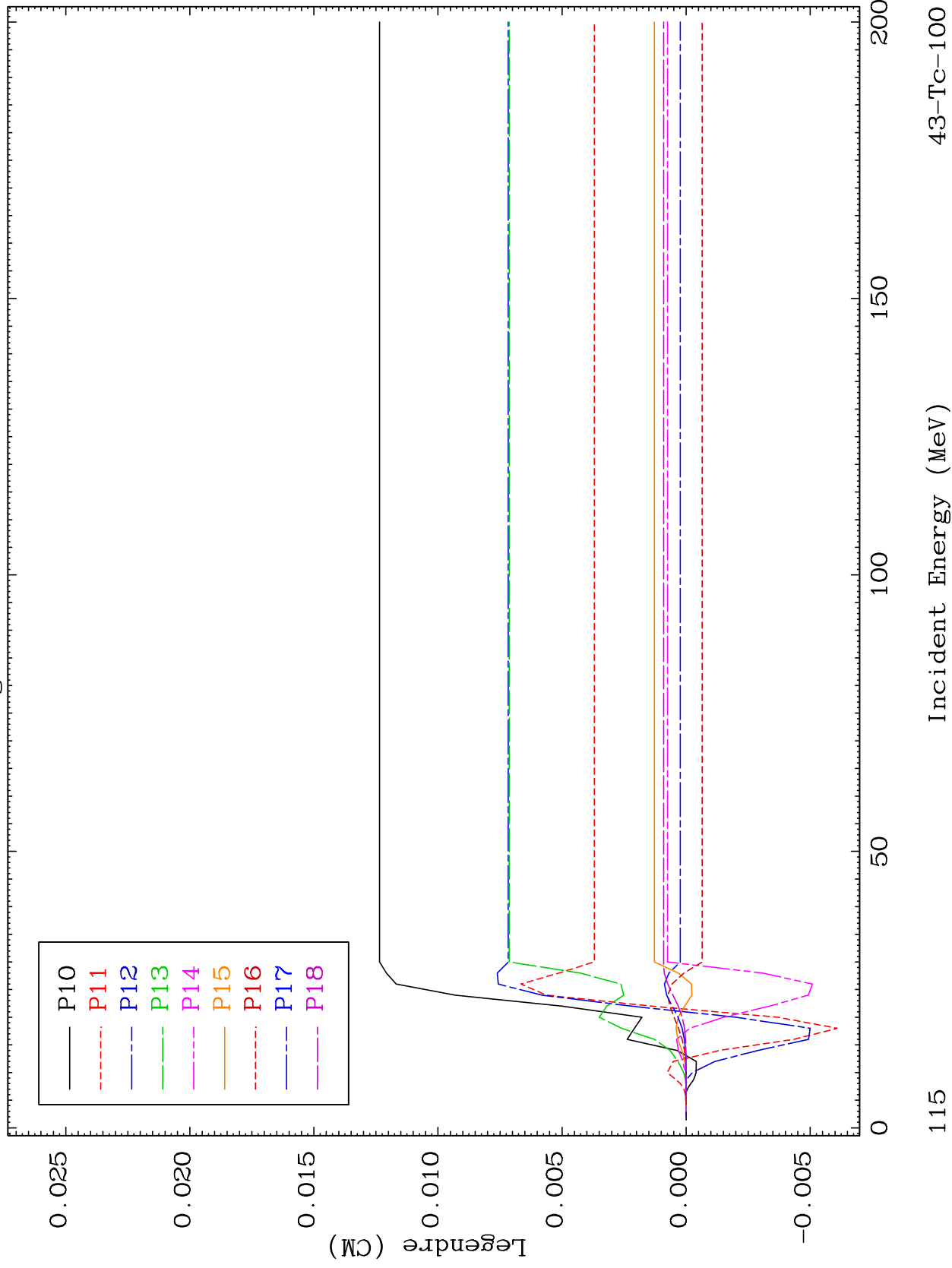
Incident Energy (MeV)

43-Tc-100

MAT 4328

552.3 keV (n,n') Level  
Legendre Coefficients

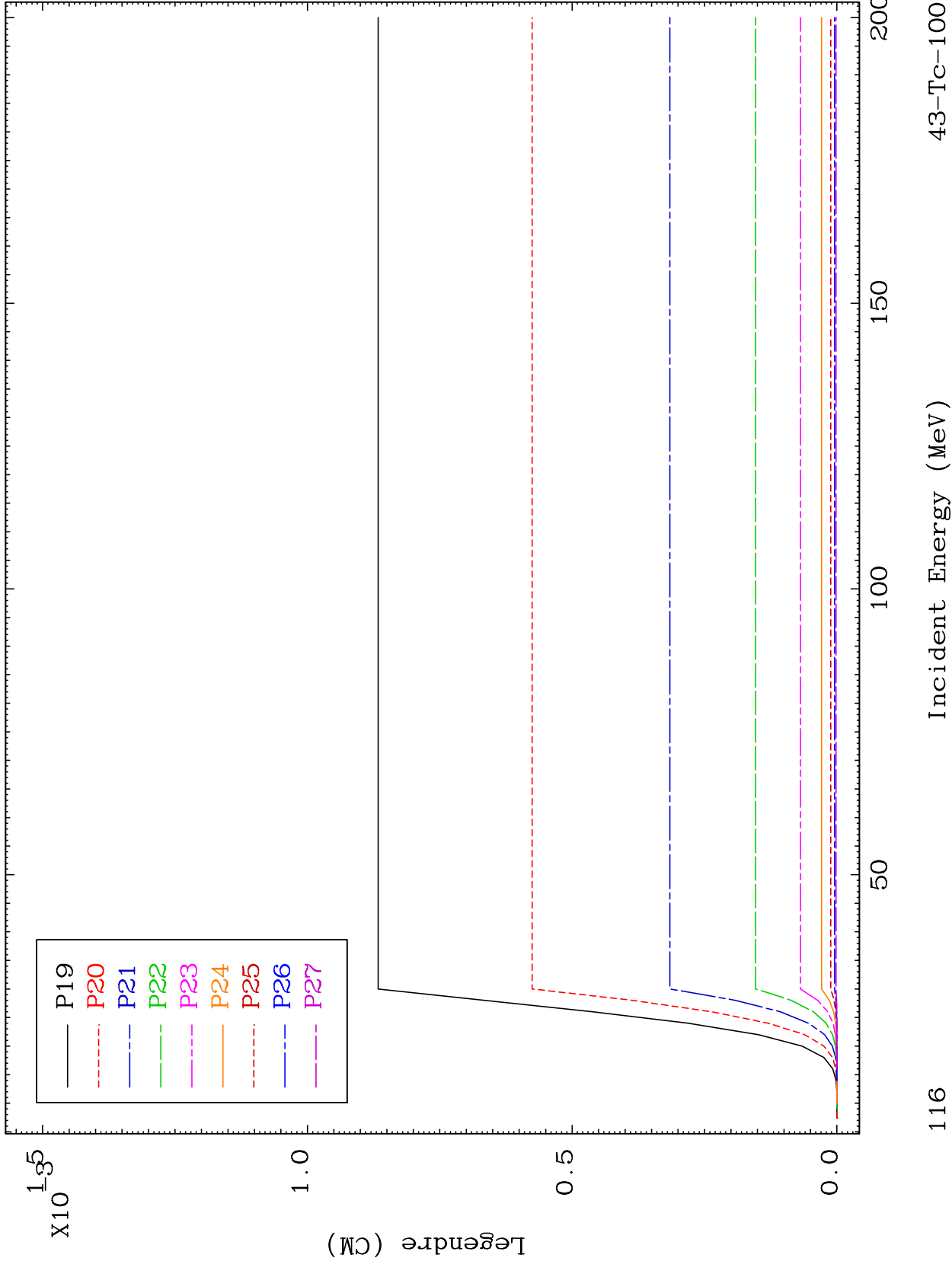
43-Tc-100

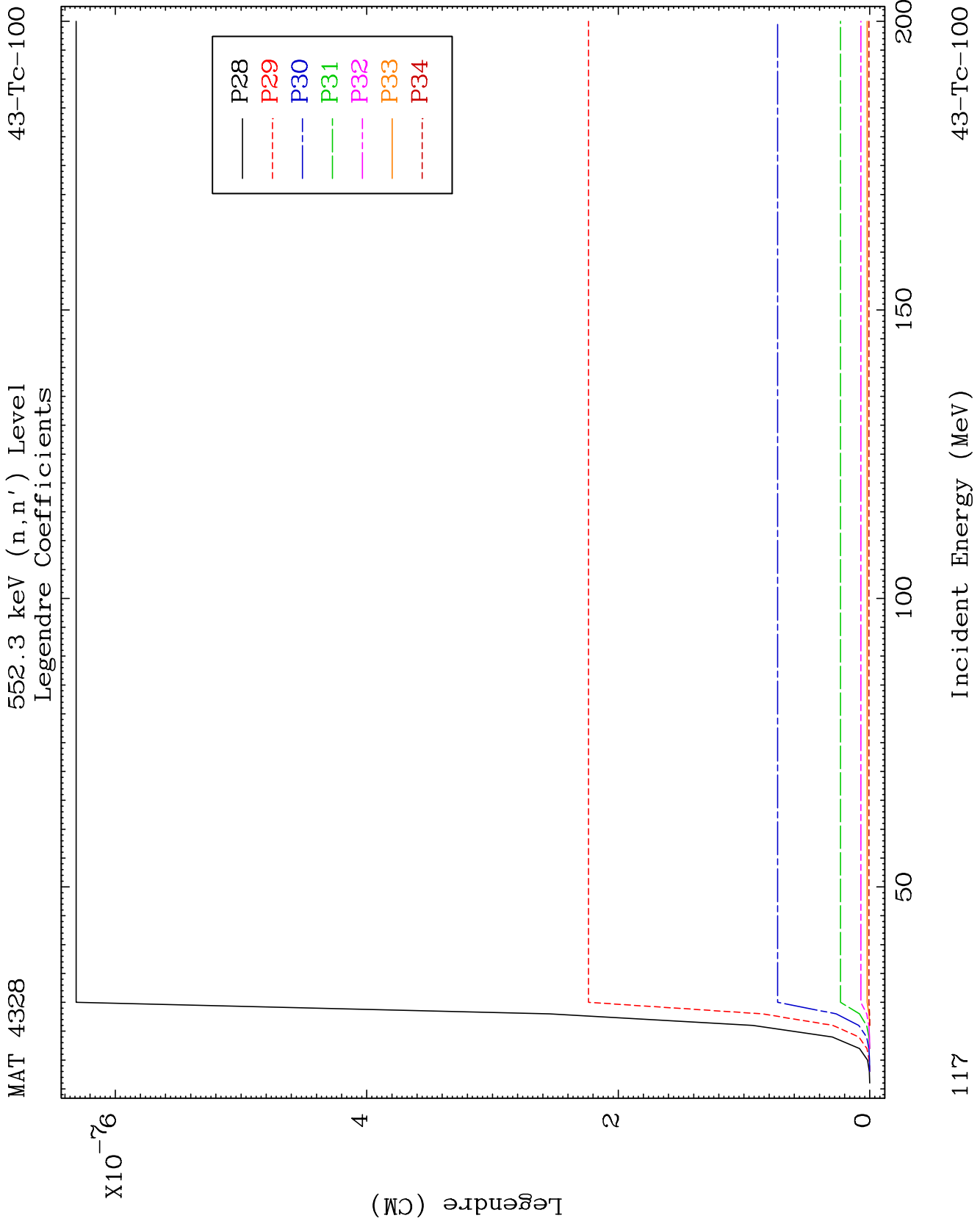


43-Tc-100

Incident Energy (MeV)

115

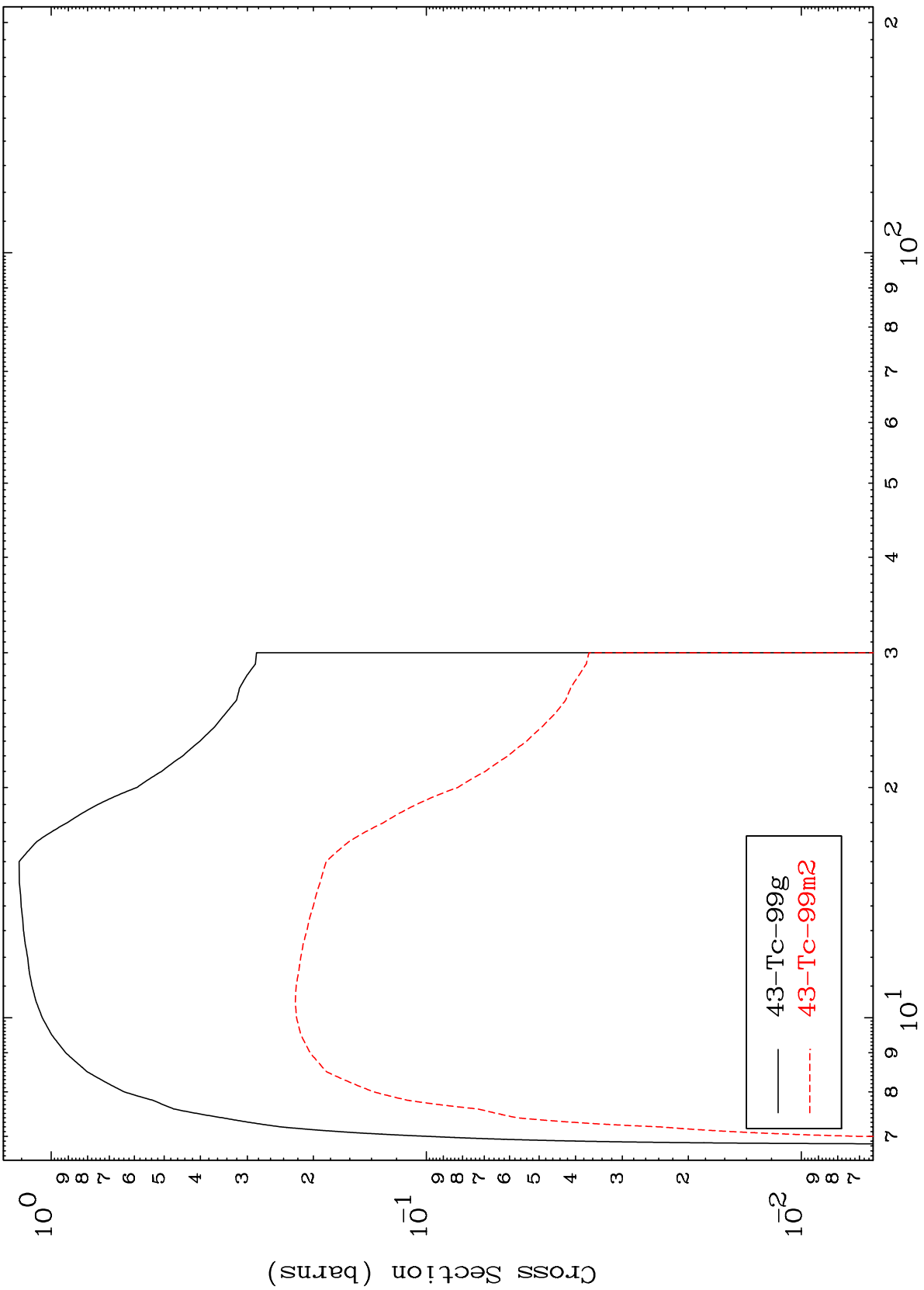




MAT 4328

43-Tc-100

(n,2n)  
Radionuclide Production Cross Section



118

43-Tc-100

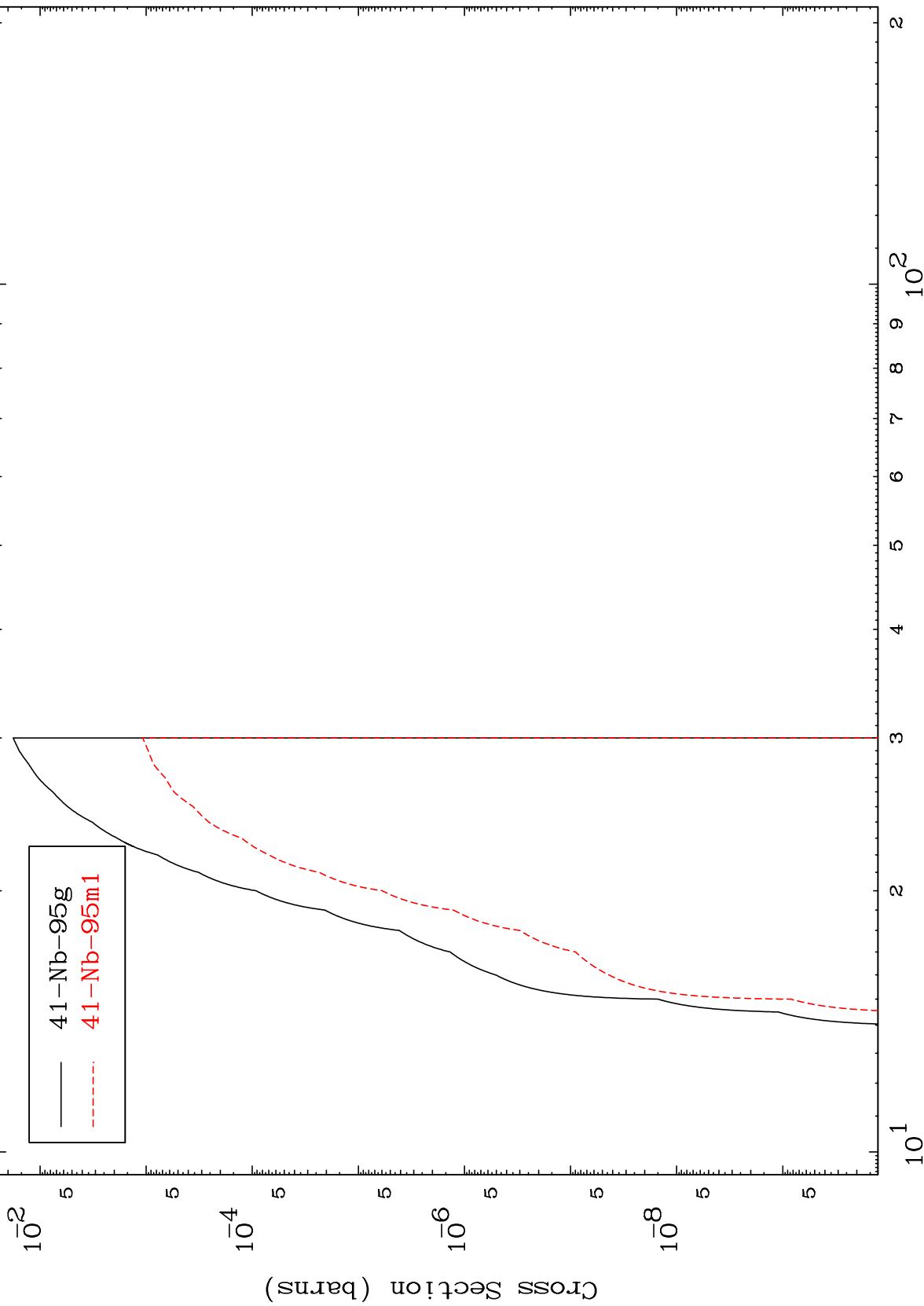
Incident Energy (MeV)

MAT 4328

(n,2n)  $\alpha$

43-Tc-100

Radionuclide Production Cross Section



119

Incident Energy (MeV)

43-Tc-100

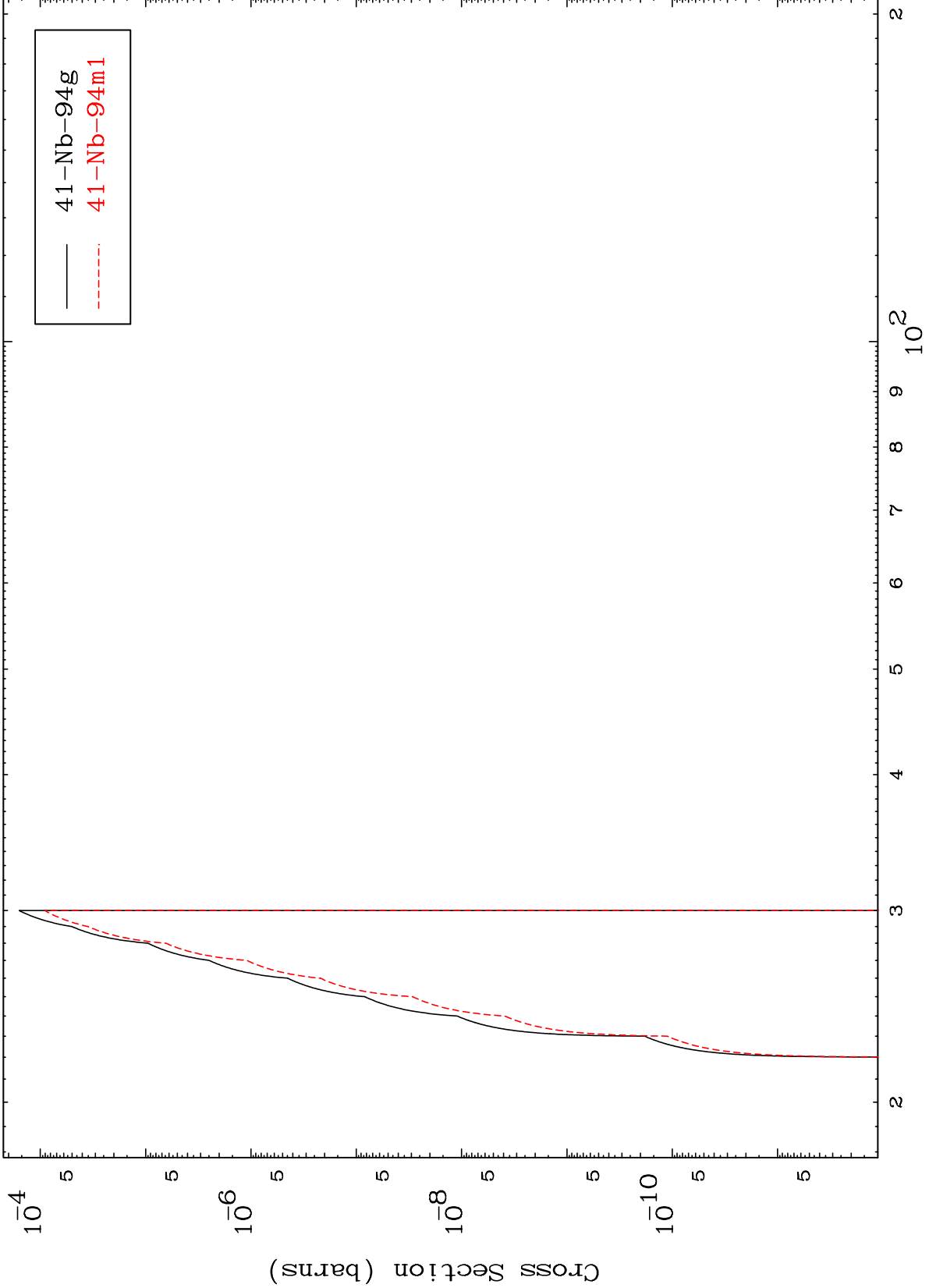


MAT 4328

(n,3n)  $\alpha$

43-Tc-100

Radionuclide Production Cross Section



41-Nb-94g  
41-Nb-94m1

120

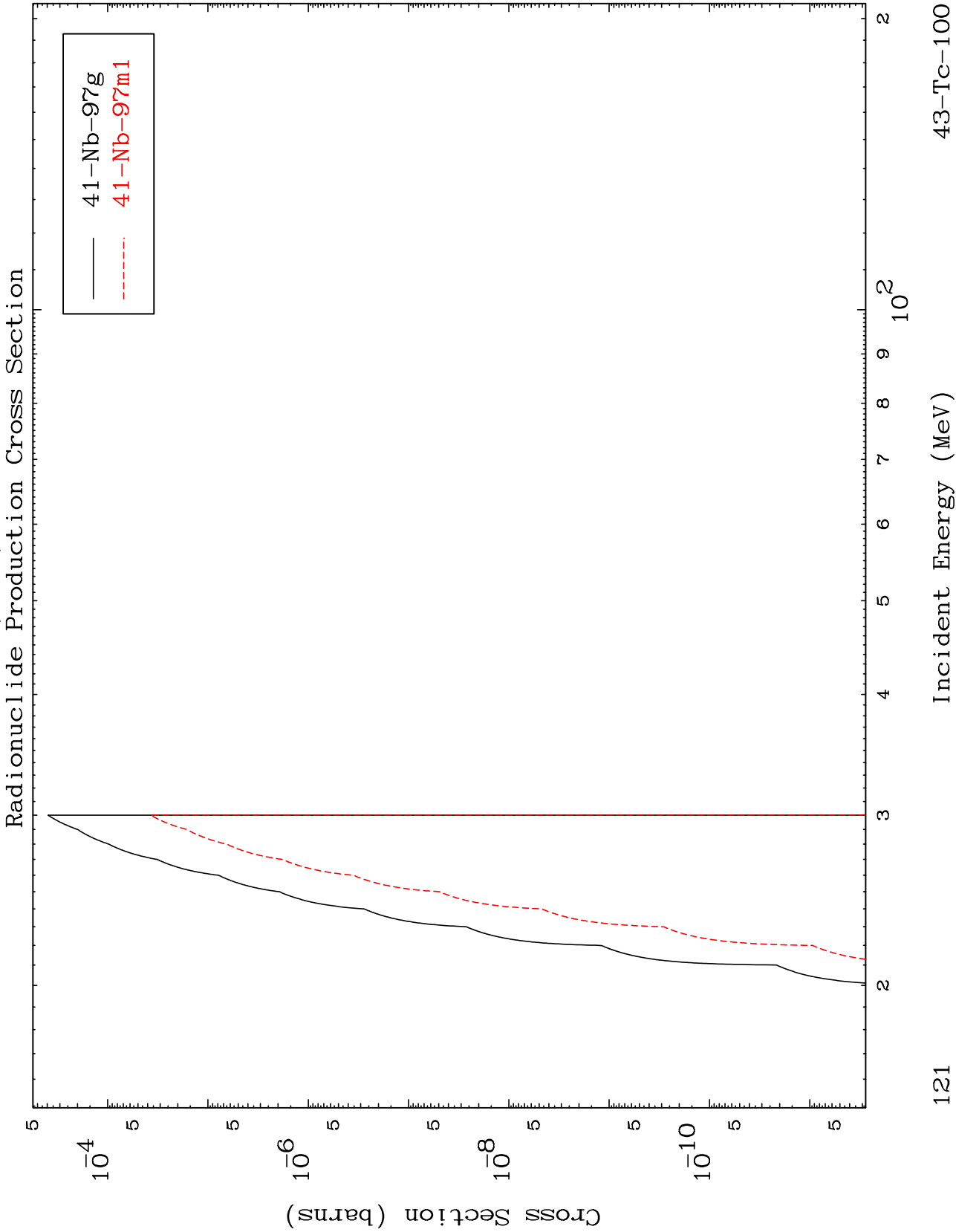
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,n') He-3

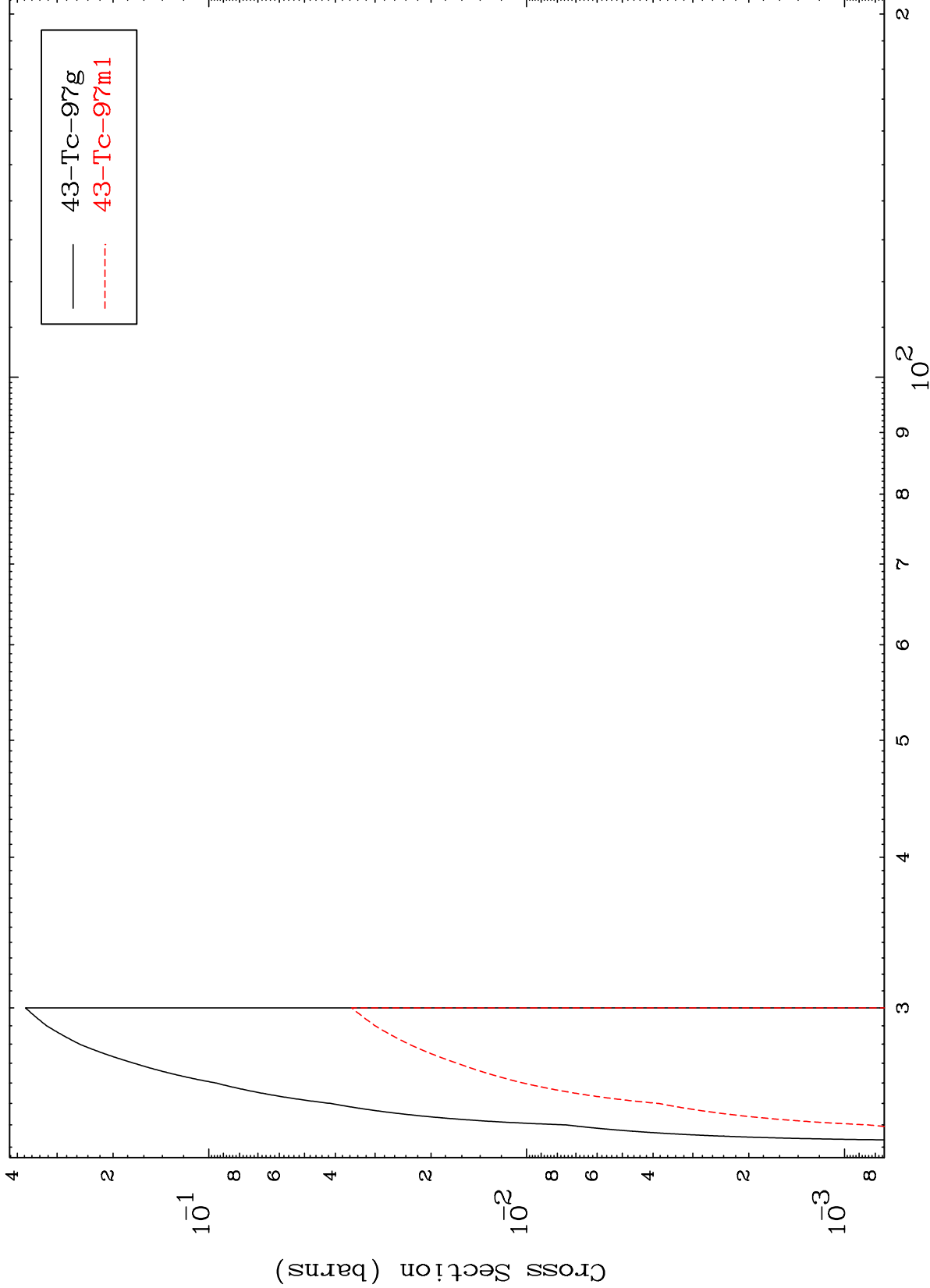
43-Tc-100



121

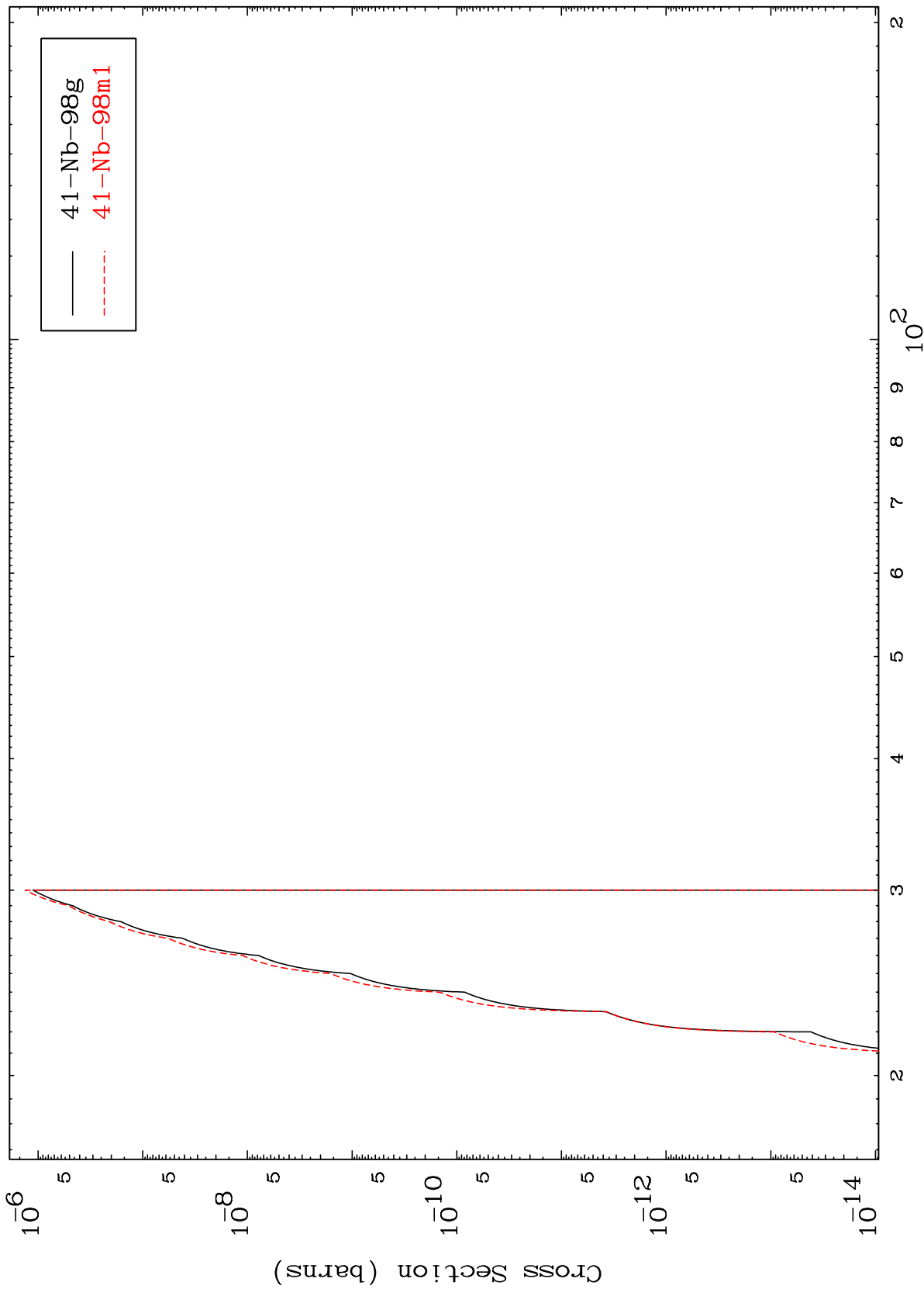
43-Tc-100

Radionuclide Production Cross Section



43-Tc-97g  
43-Tc-97m1

Radionuclide Production Cross Section

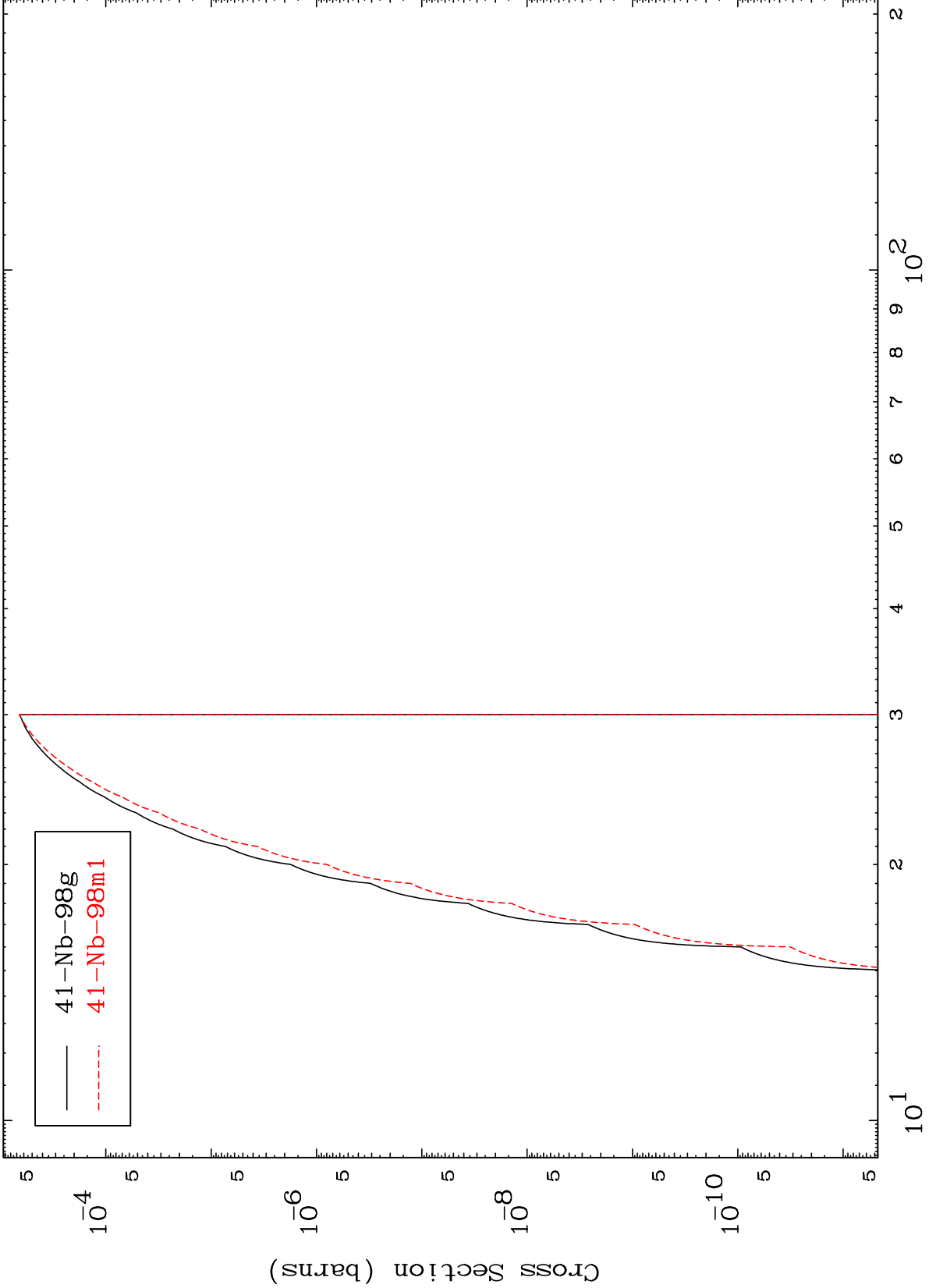


MAT 4328

(n,He-3)

43-Tc-100

Radionuclide Production Cross Section



124

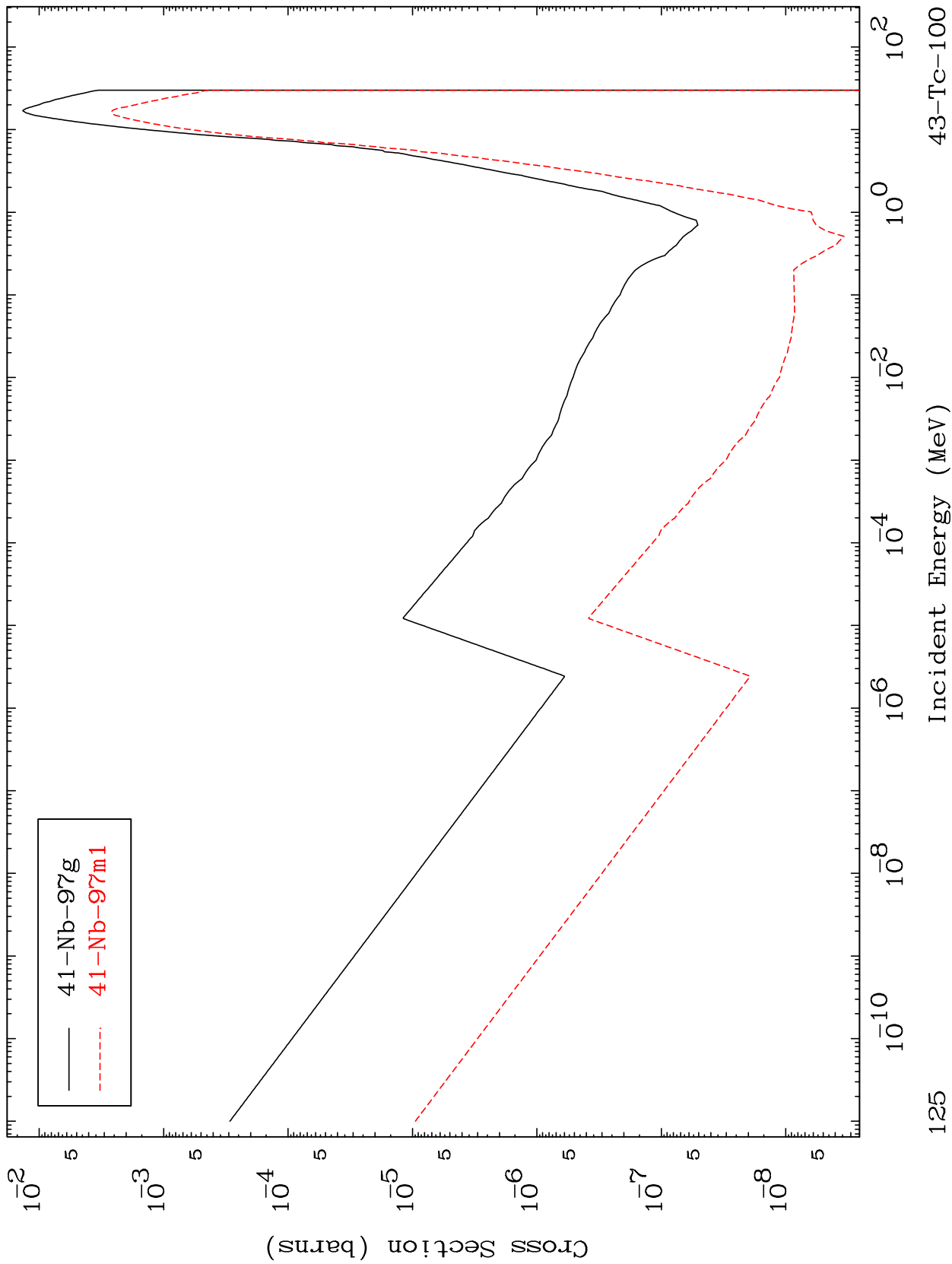
Incident Energy (MeV)

43-Tc-100

MAT 4328

43-Tc-100

Radionuclide Production Cross Section  
(n,  $\alpha$ )



125

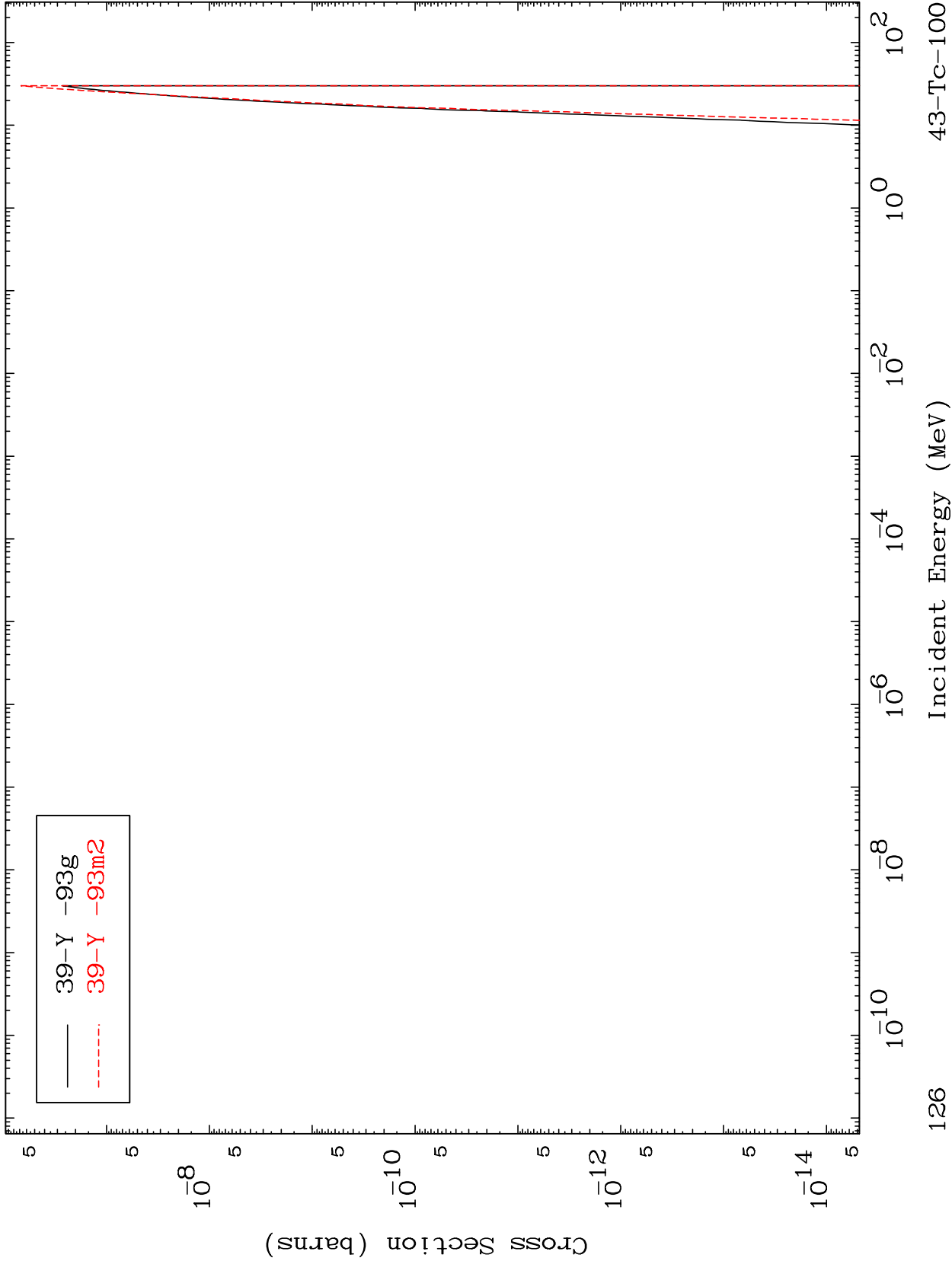
43-Tc-100

MAT 4328

(n,2α)

43-Tc-100

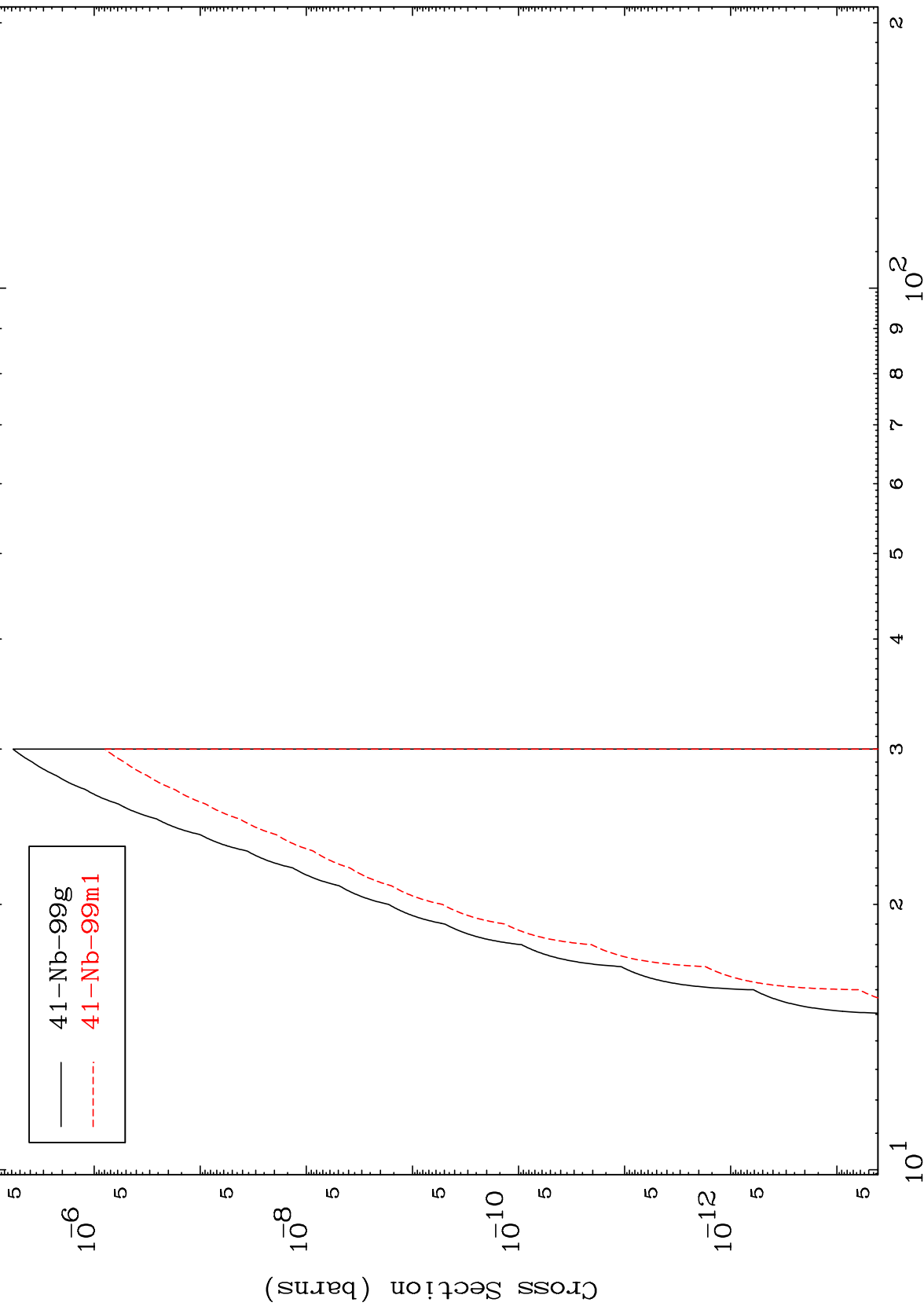
Radionuclide Production Cross Section



MAT 4328

43-Tc-100

(n,2p)  
Radionuclide Production Cross Section



43-Tc-100

Incident Energy (MeV)

127



