

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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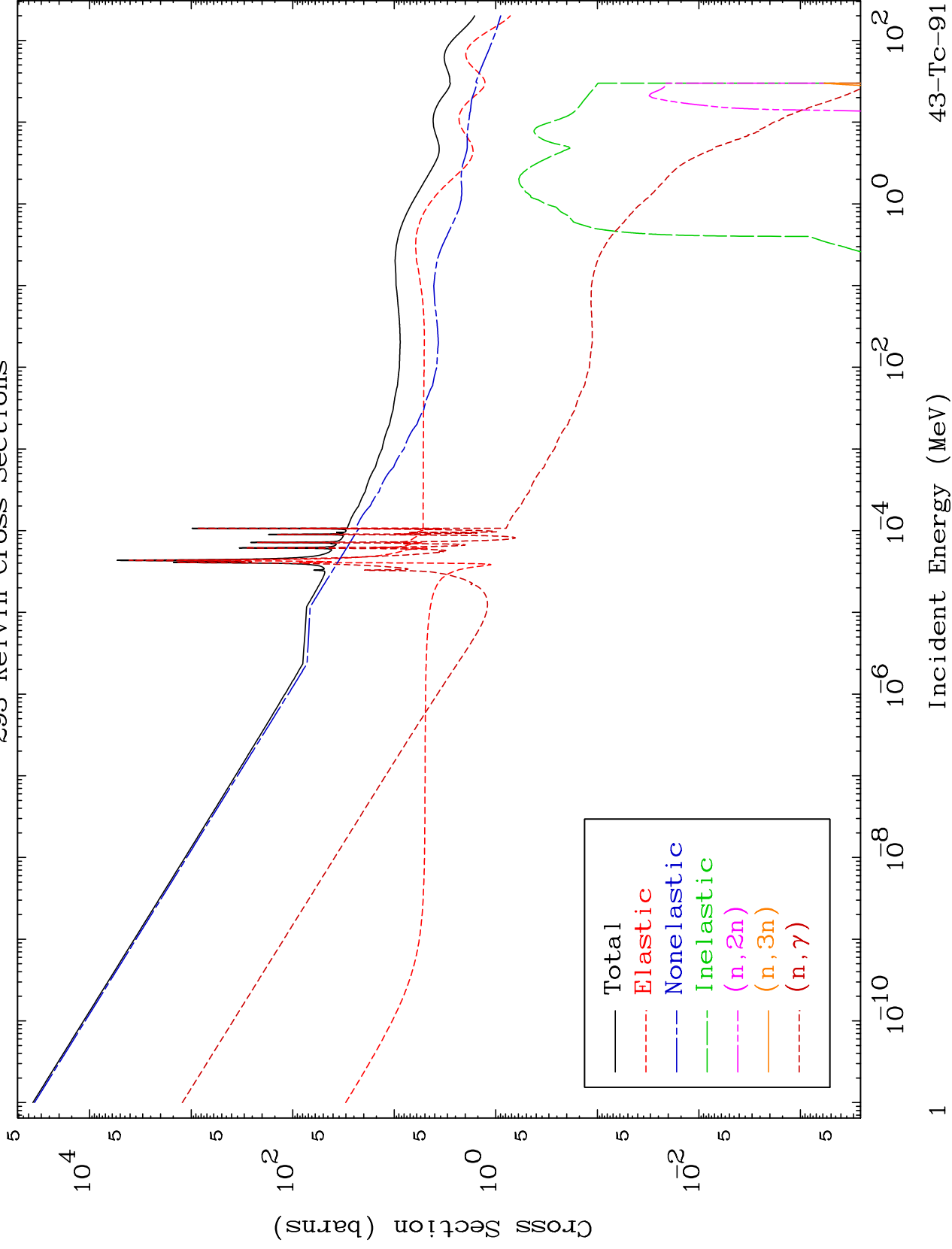
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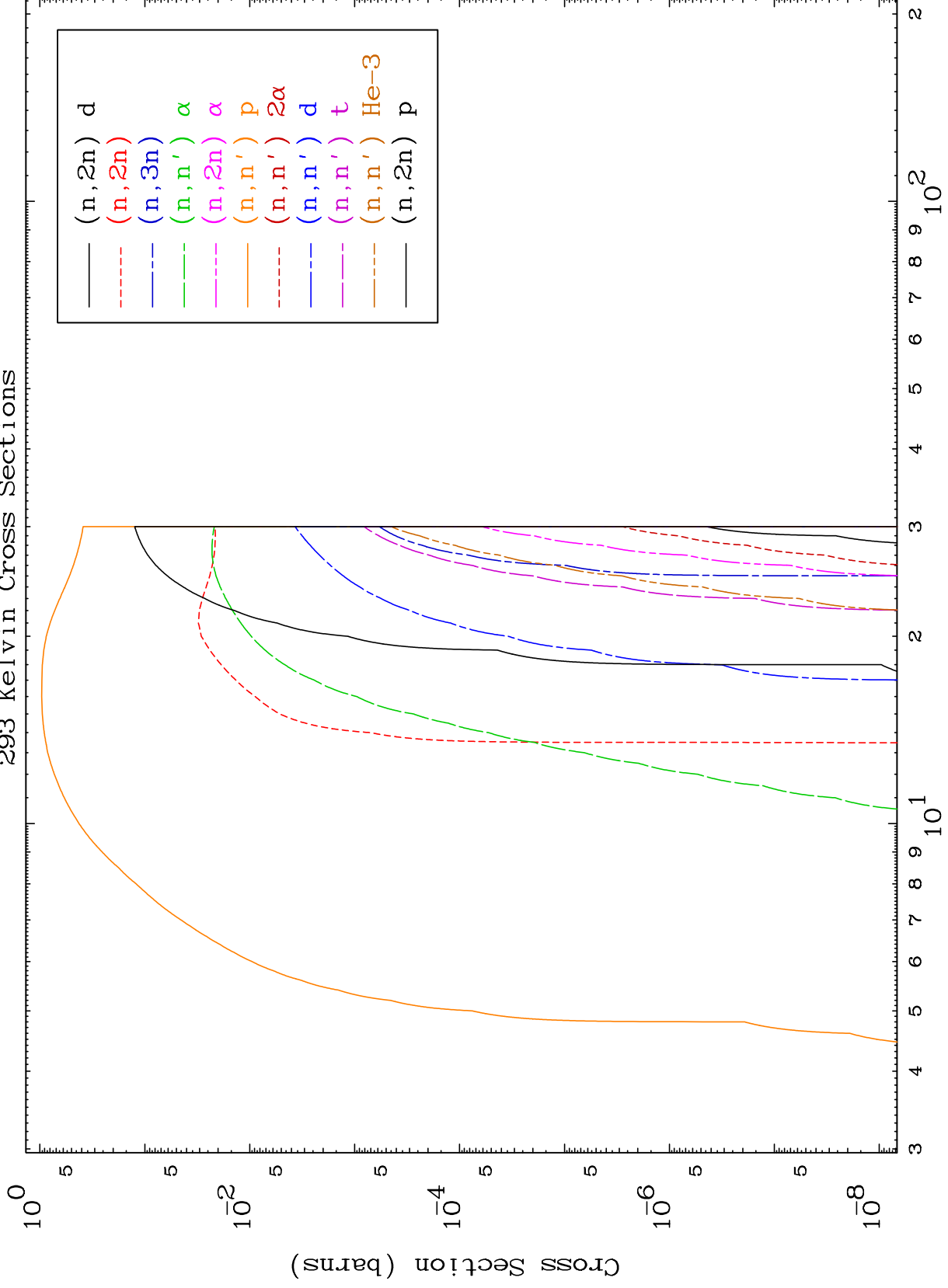
Press Mouse Button to Start

MAT 4301

Neutron Major  
293 Kelvin Cross Sections

43-Tc-91

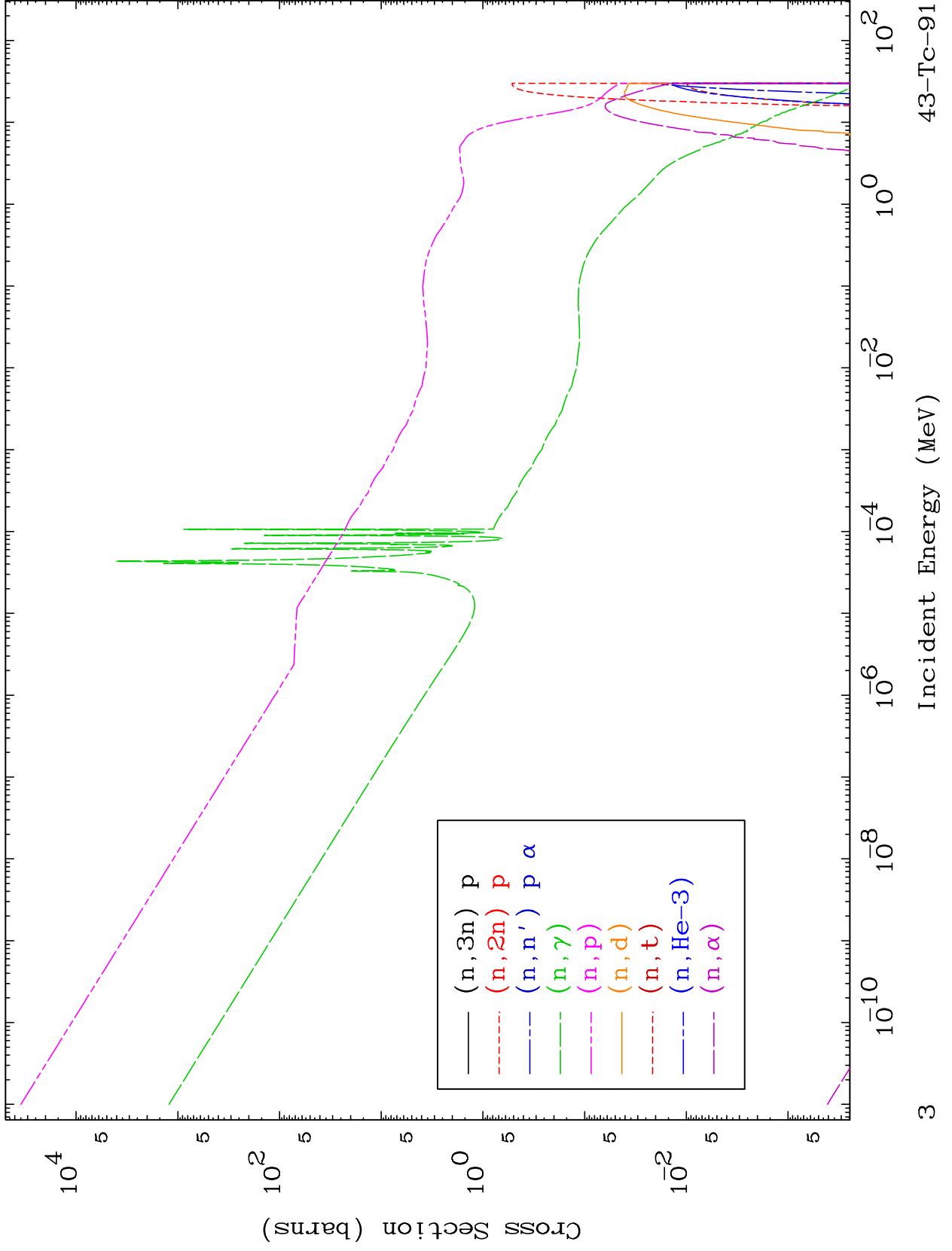




MAT 4301

Neutron Absorption  
293 Kelvin Cross Sections

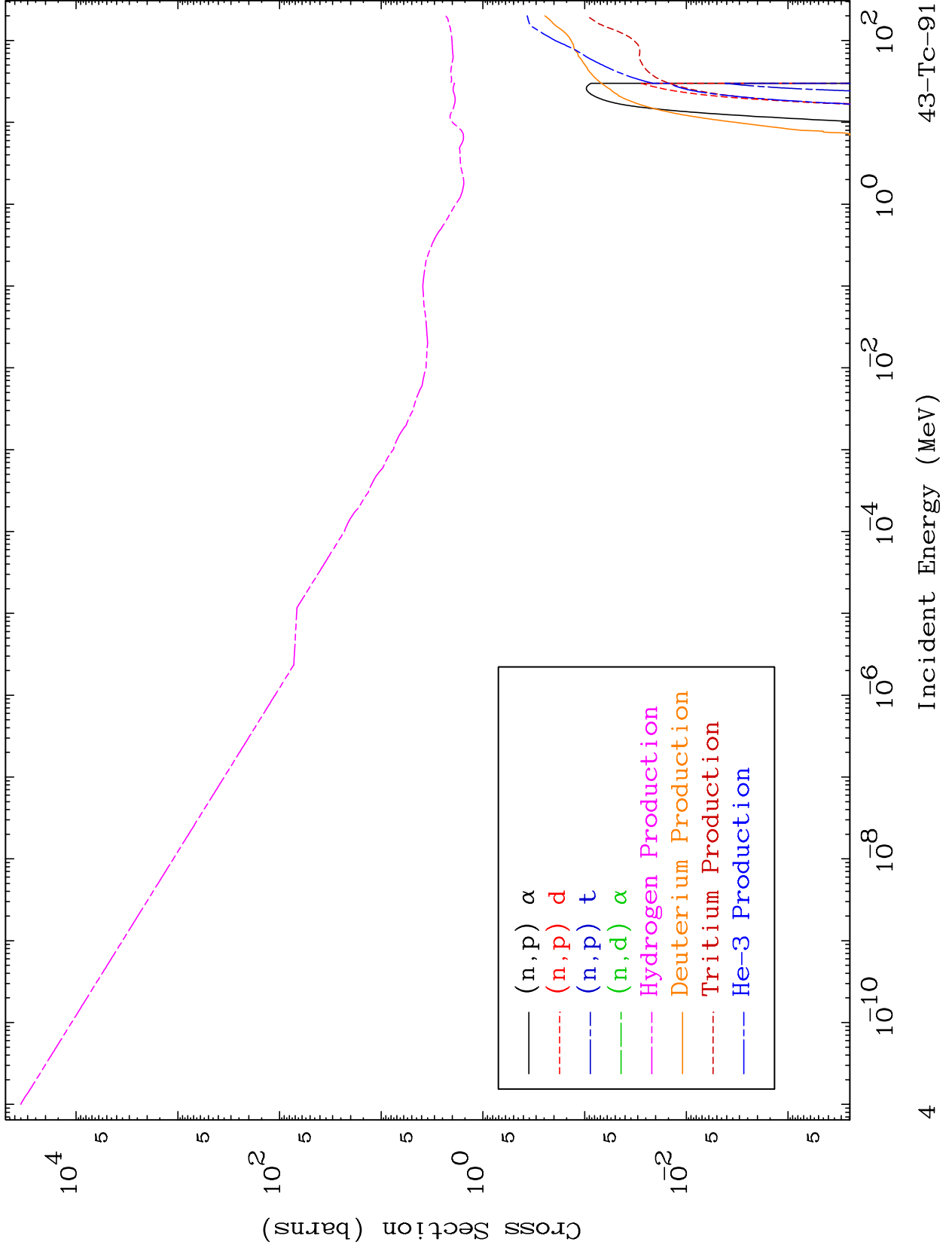
43-Tc-91



MAT 4301

Neutron Absorption  
293 Kelvin Cross Sections

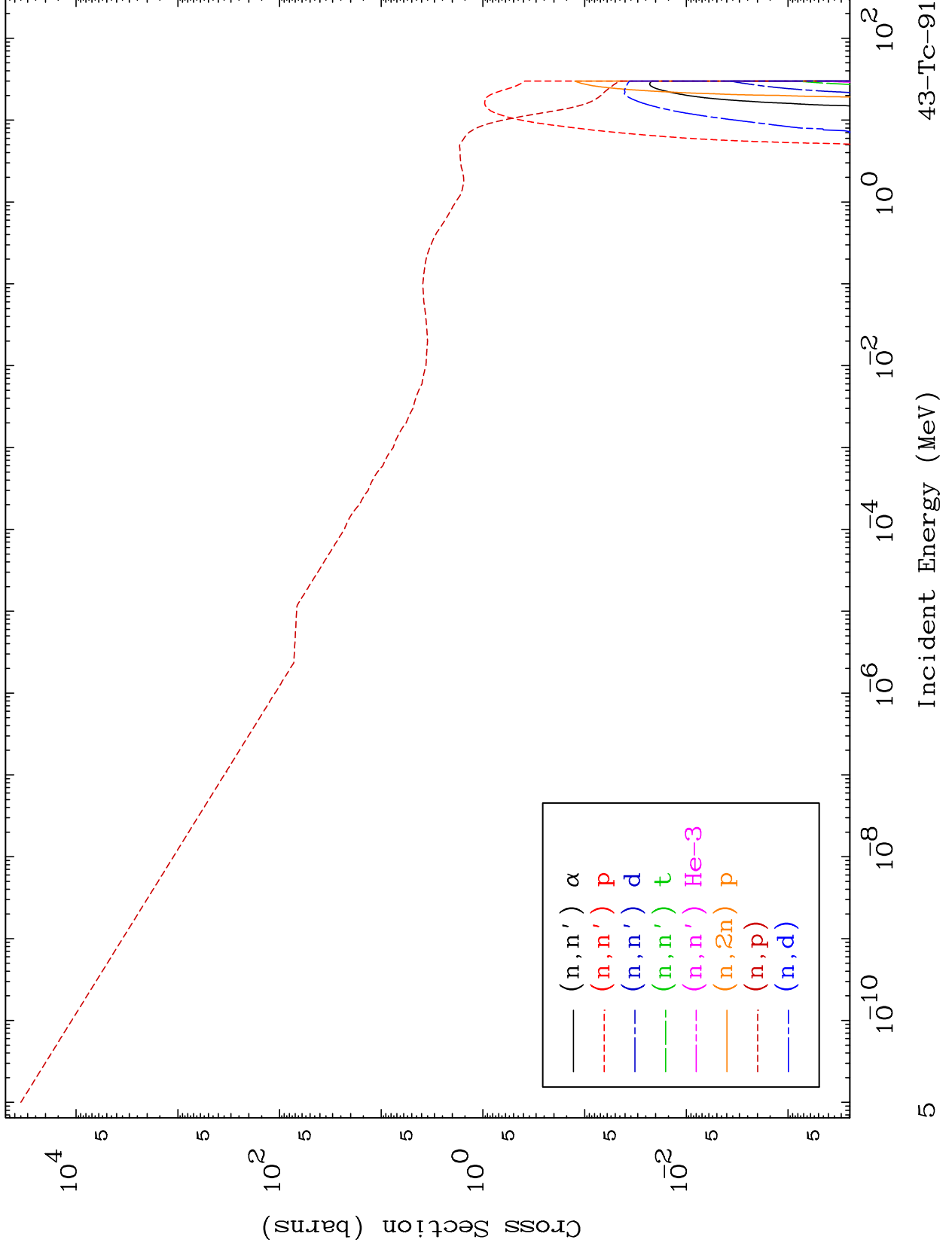
43-Tc-91



MAT 4301

Charged Particle  
293 Kelvin Cross Sections

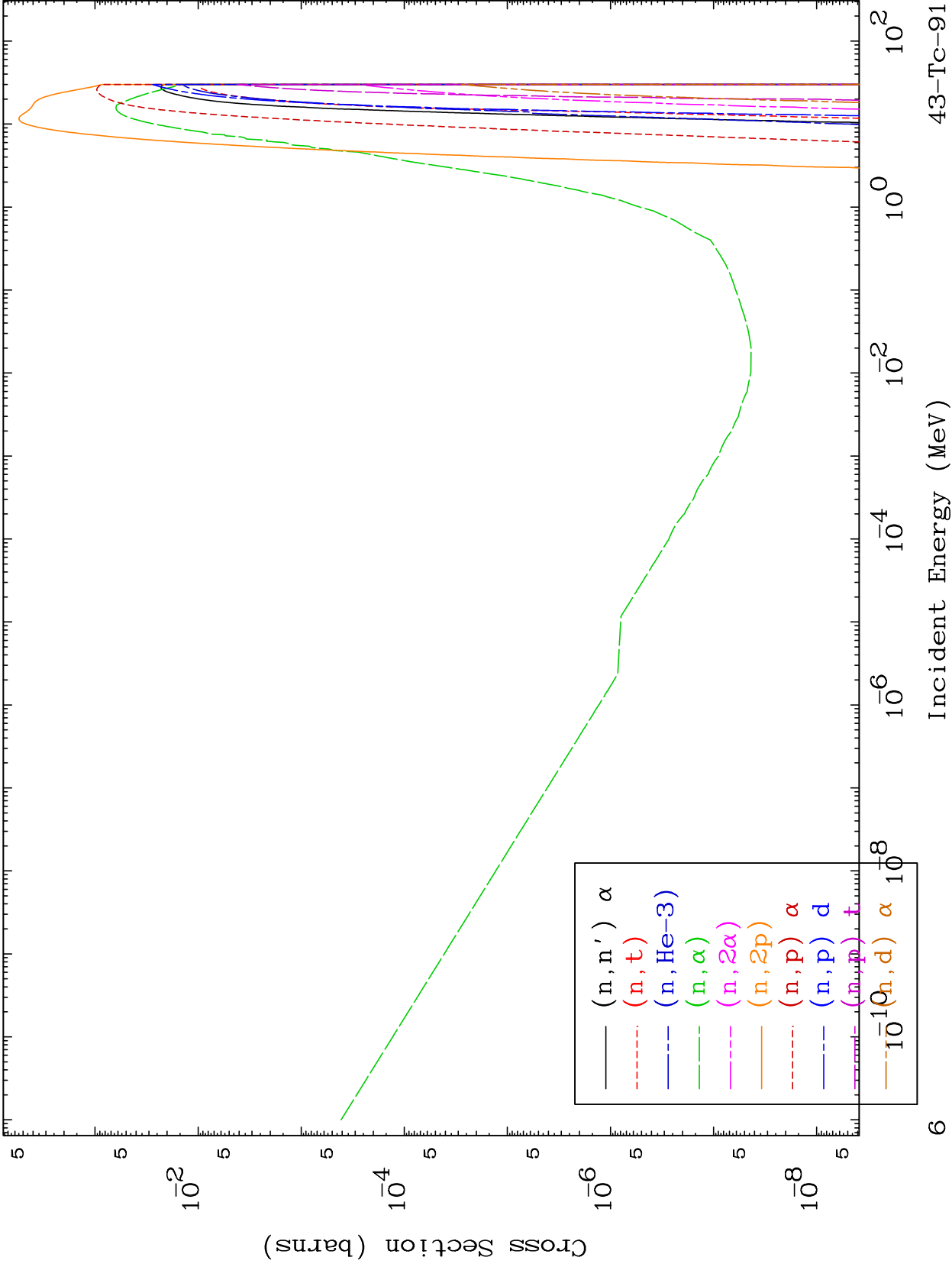
43-Tc-91



MAT 4301

Charged Particle  
293 Kelvin Cross Sections

43-Tc-91

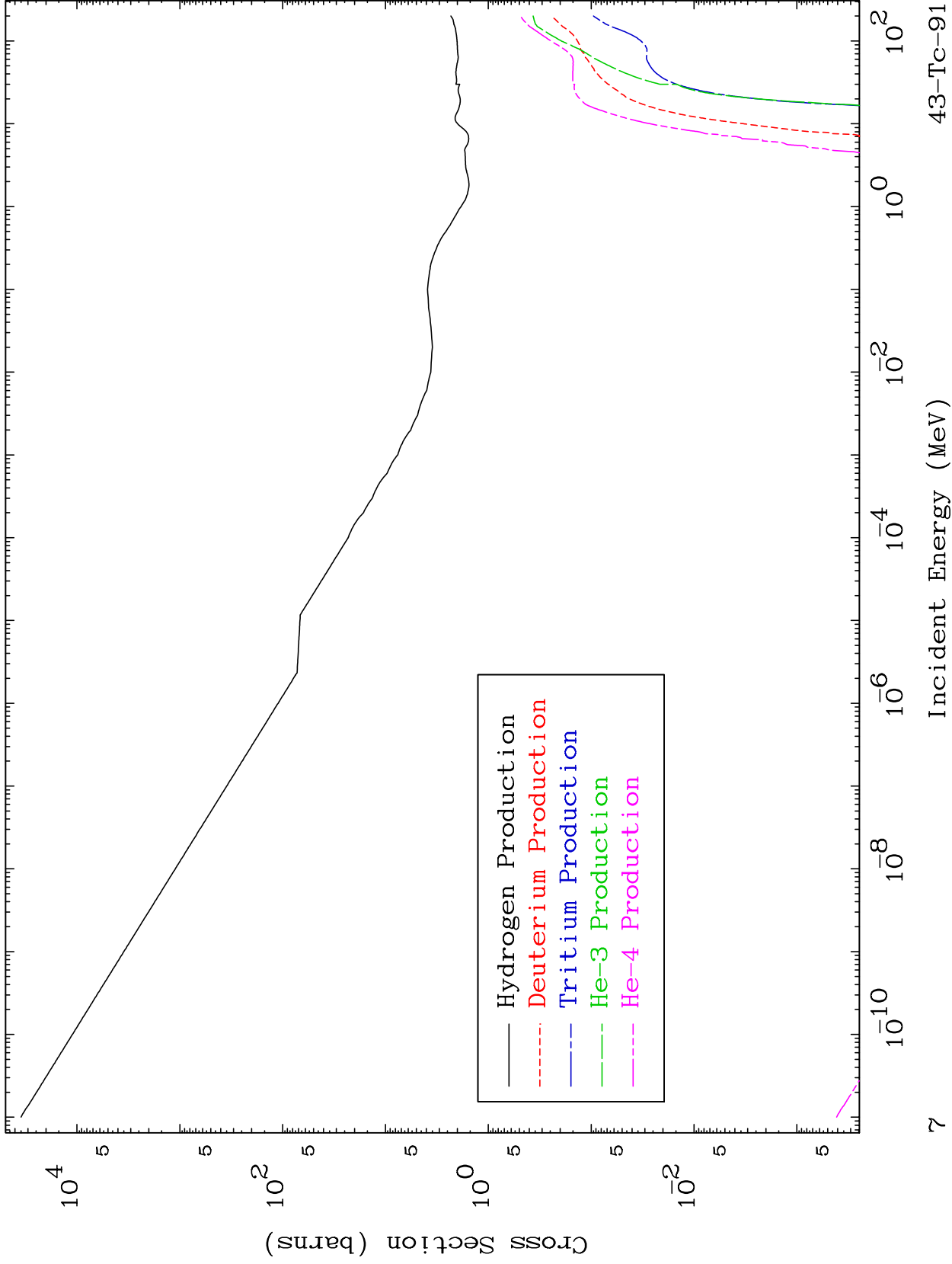


6

MAT 4301

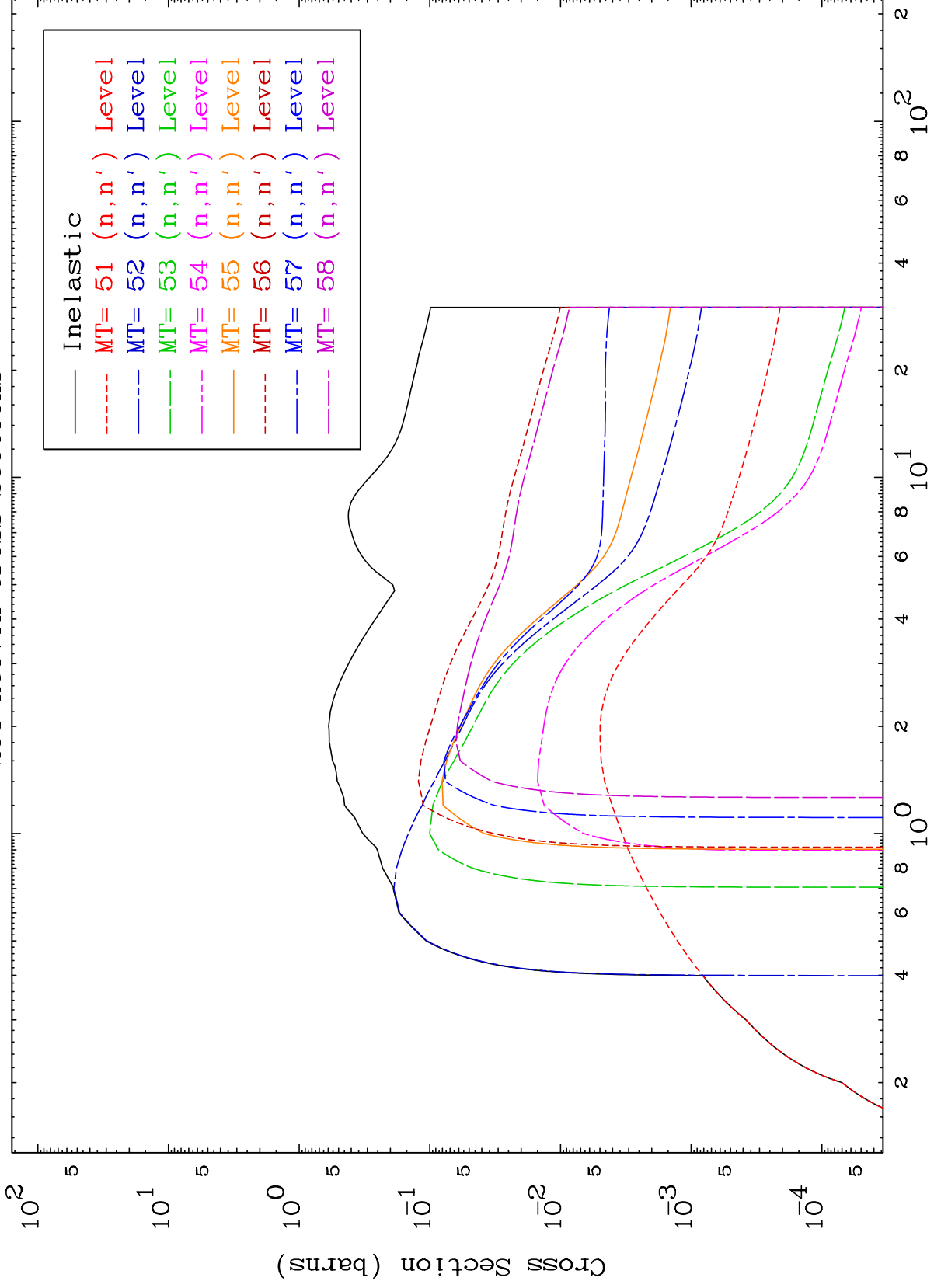
Particle Production  
293 Kelvin Cross Sections

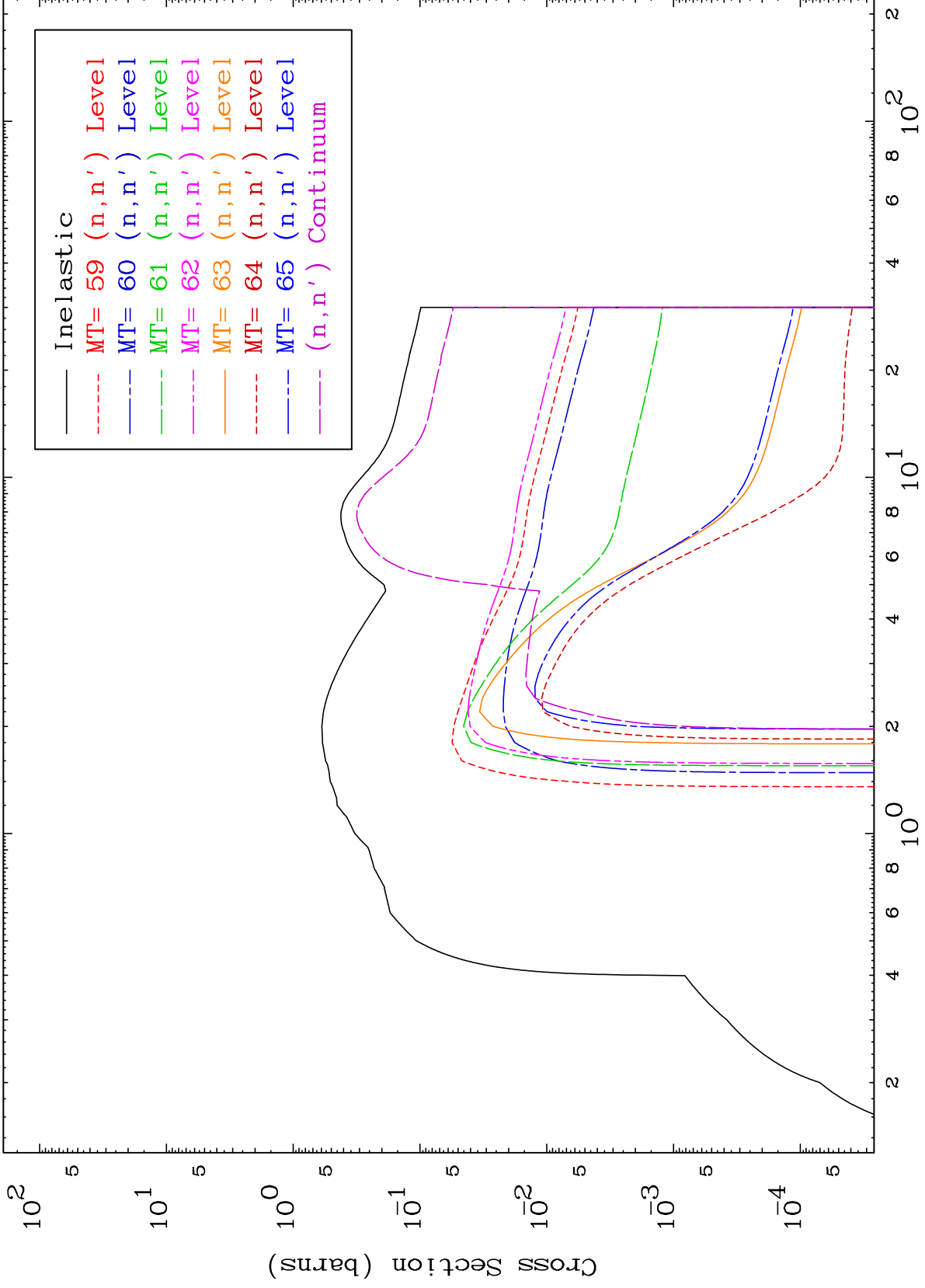
43-Tc-91





293 Kelvin Cross Sections

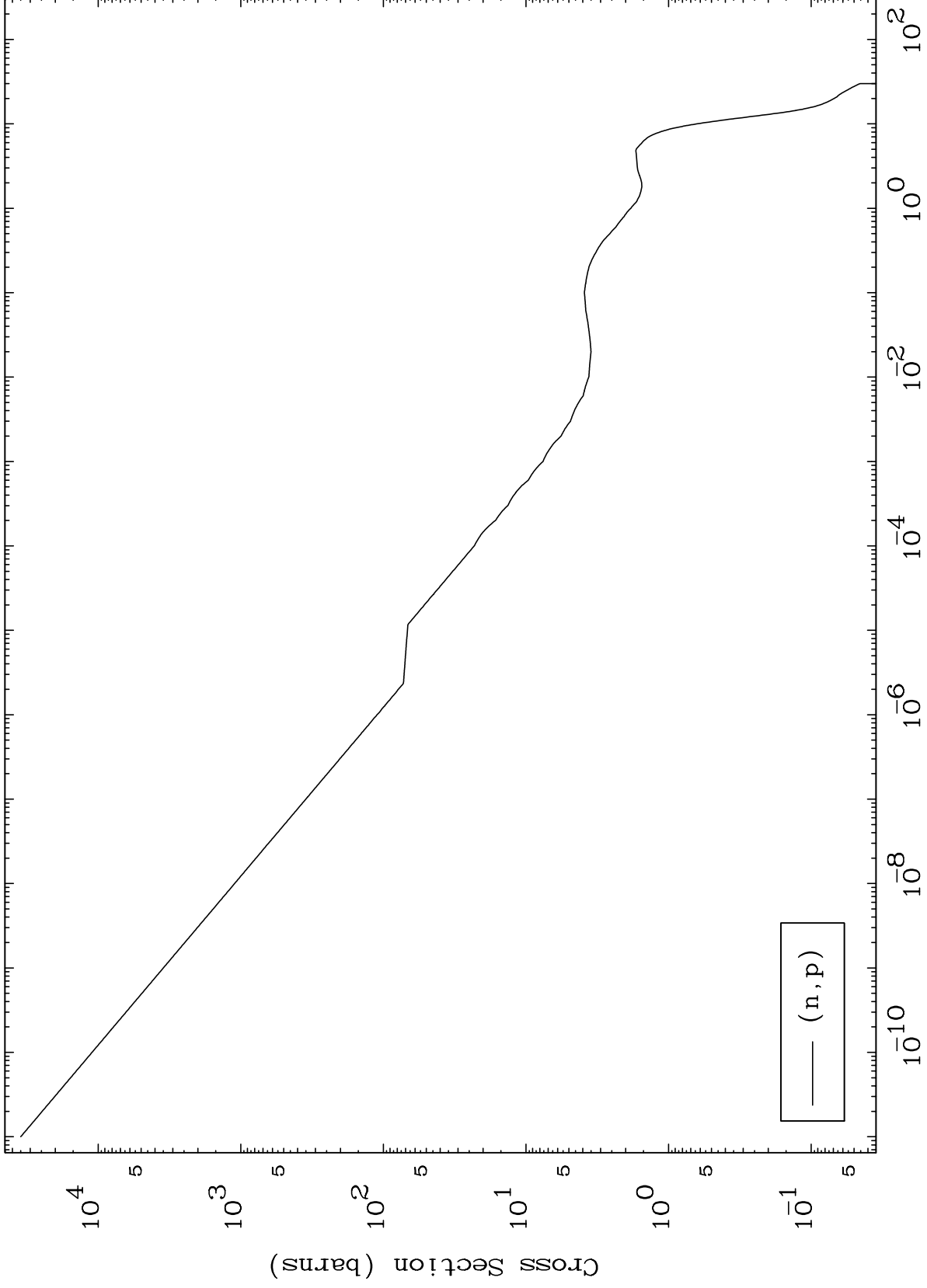




MAT 4301

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-91



10

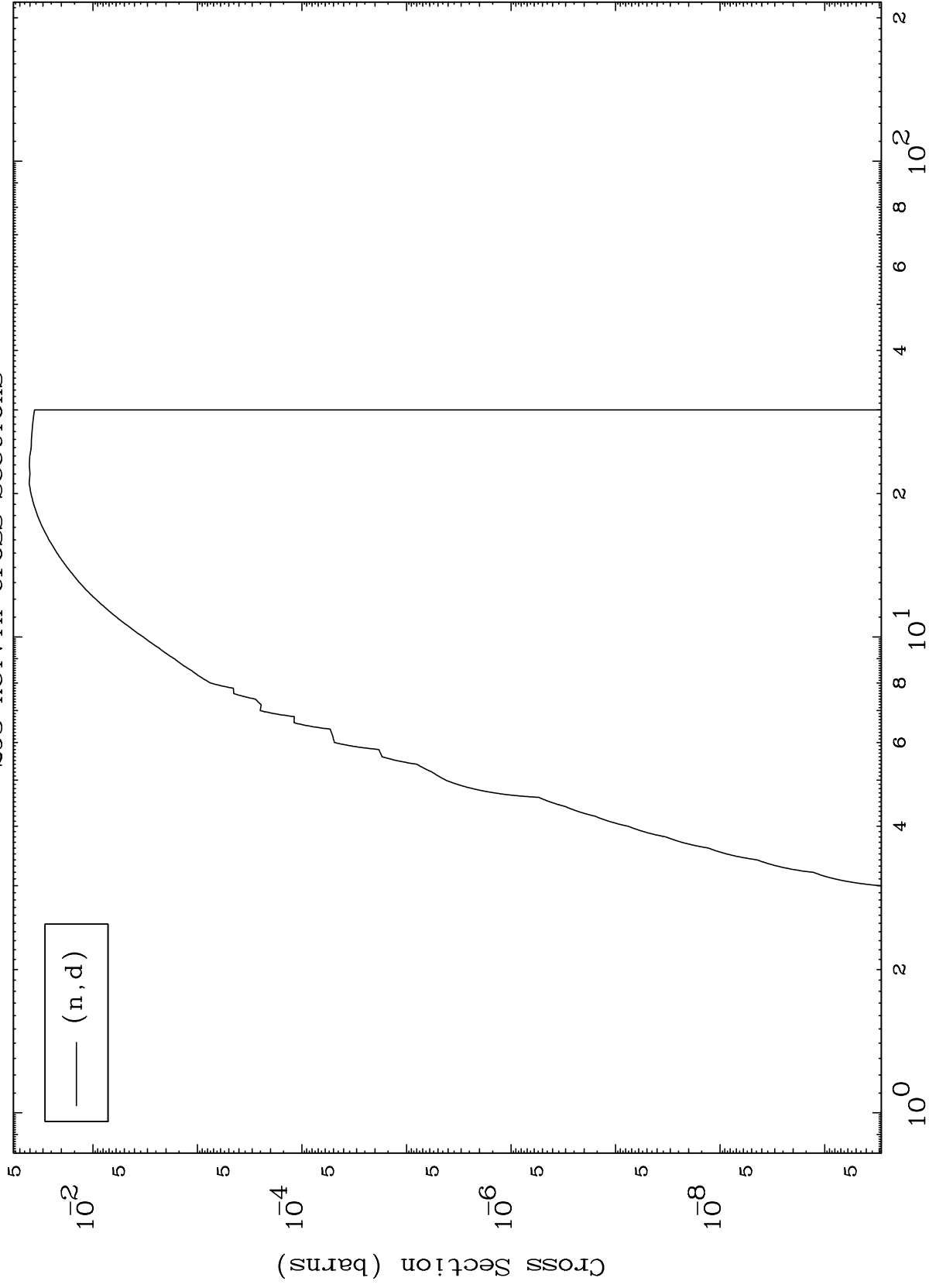
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-91



11

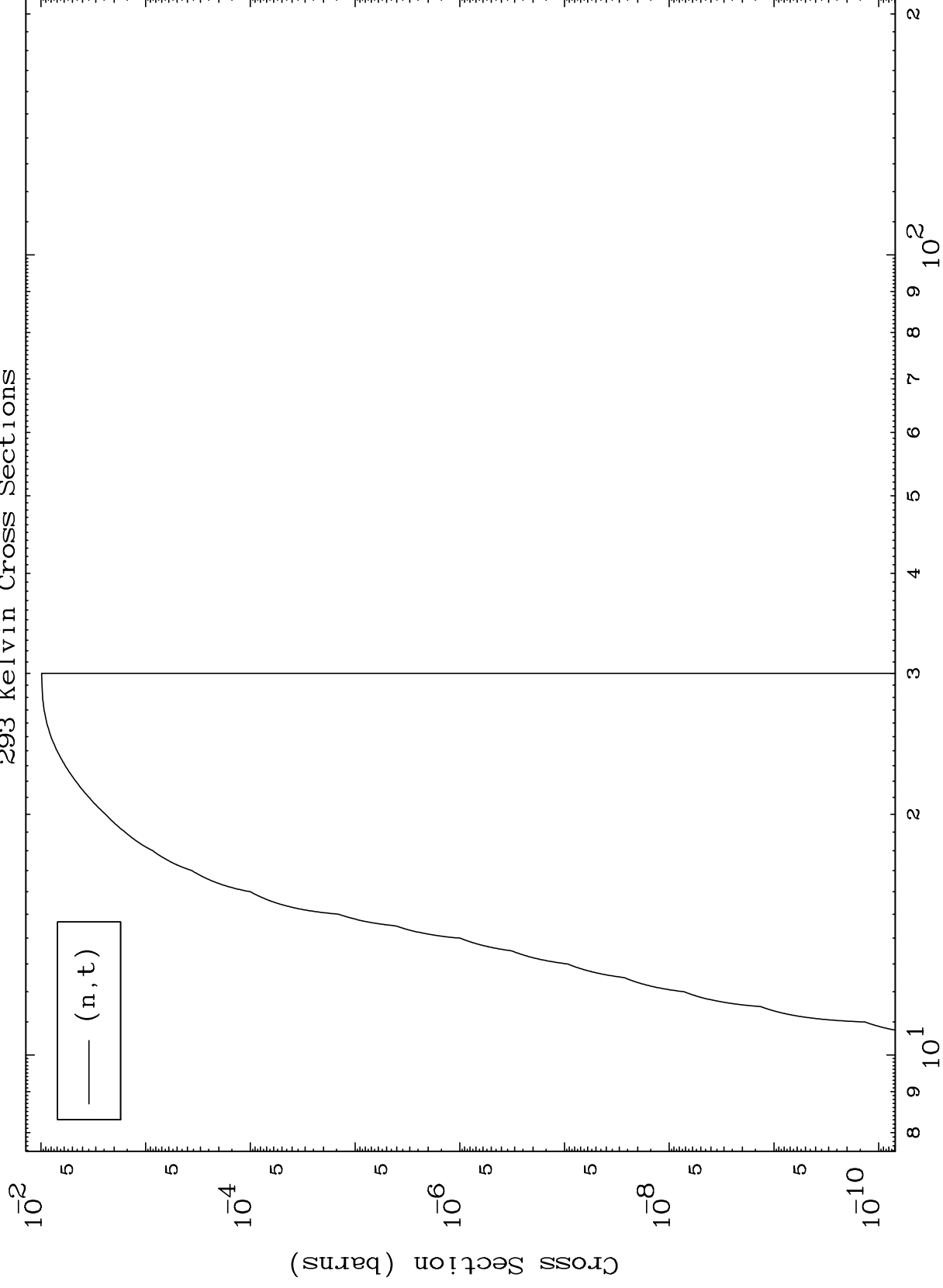
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-91



12

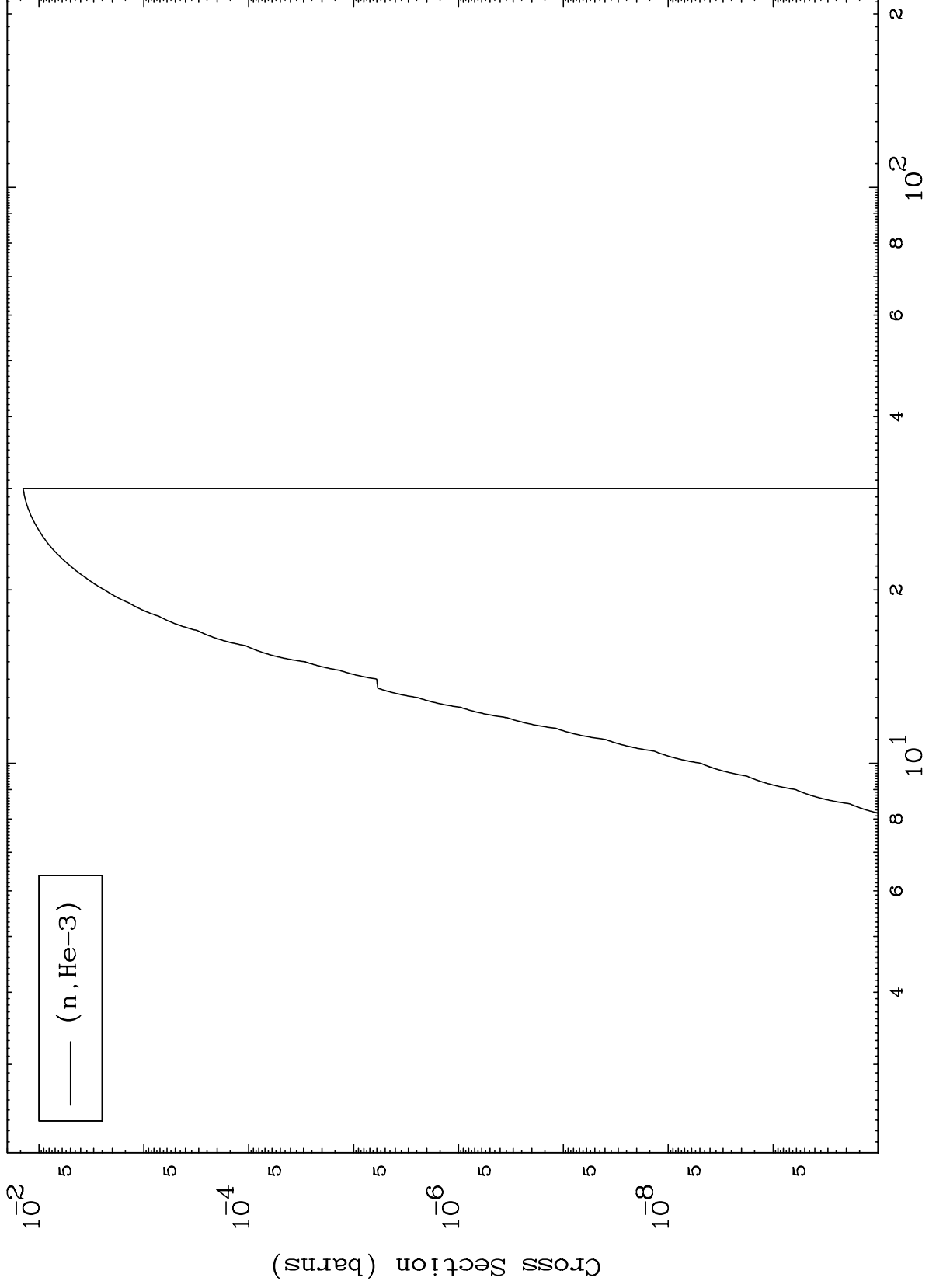
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-91



13

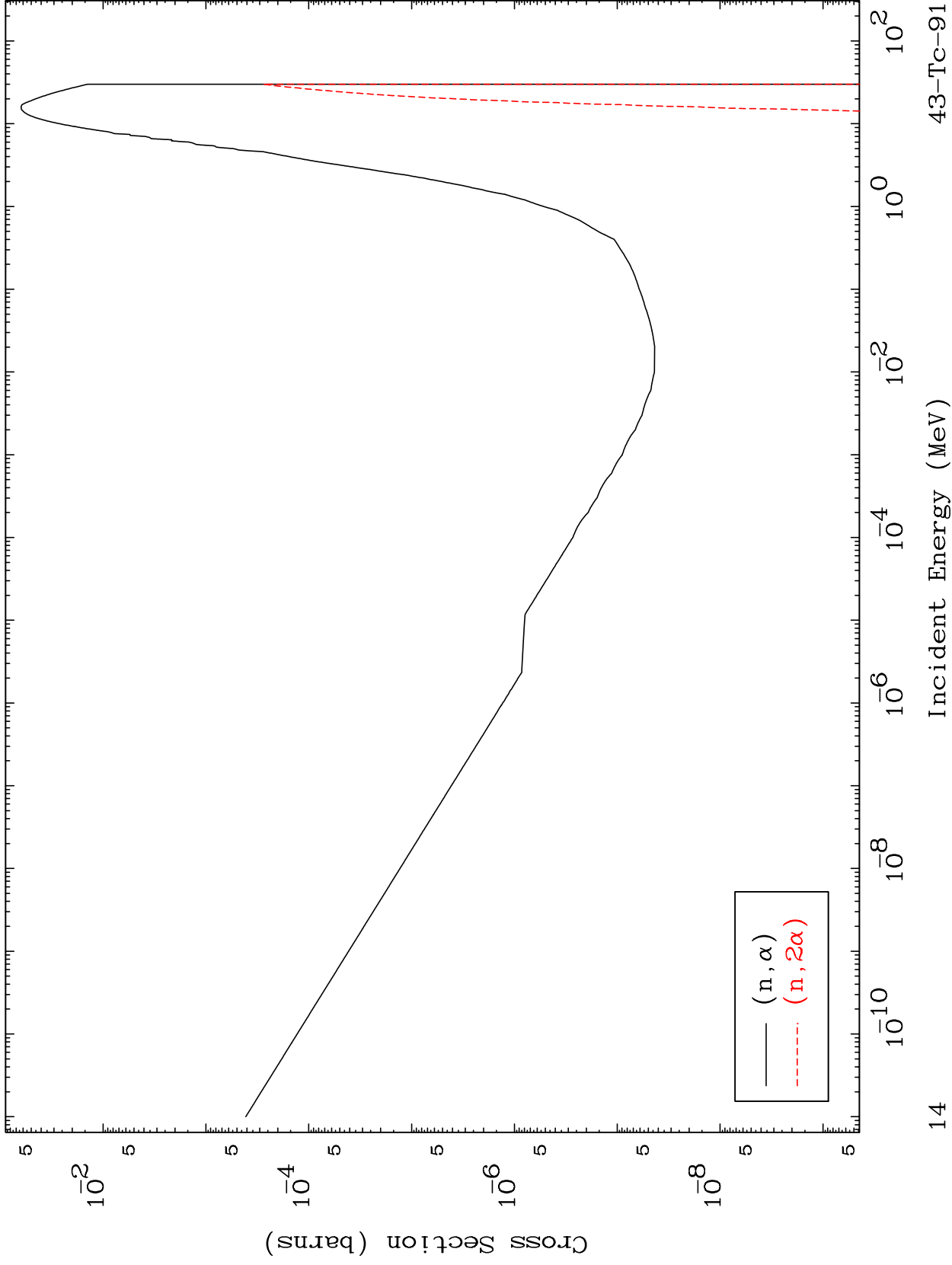
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,α) Levels  
293 Kelvin Cross Sections

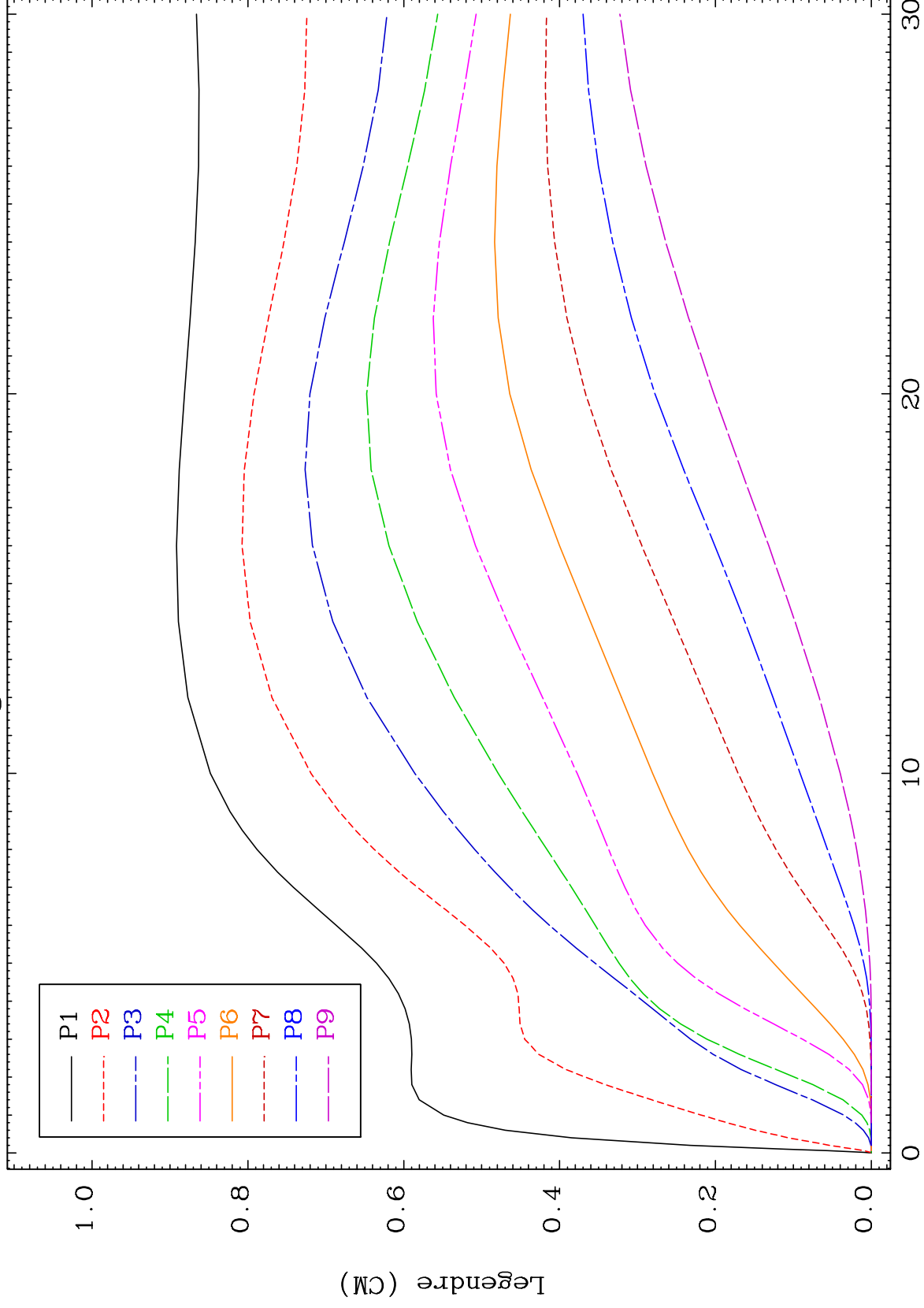
43-Tc-91



MAT 4301

Elastic Legendre Coefficients

43-Tc-91



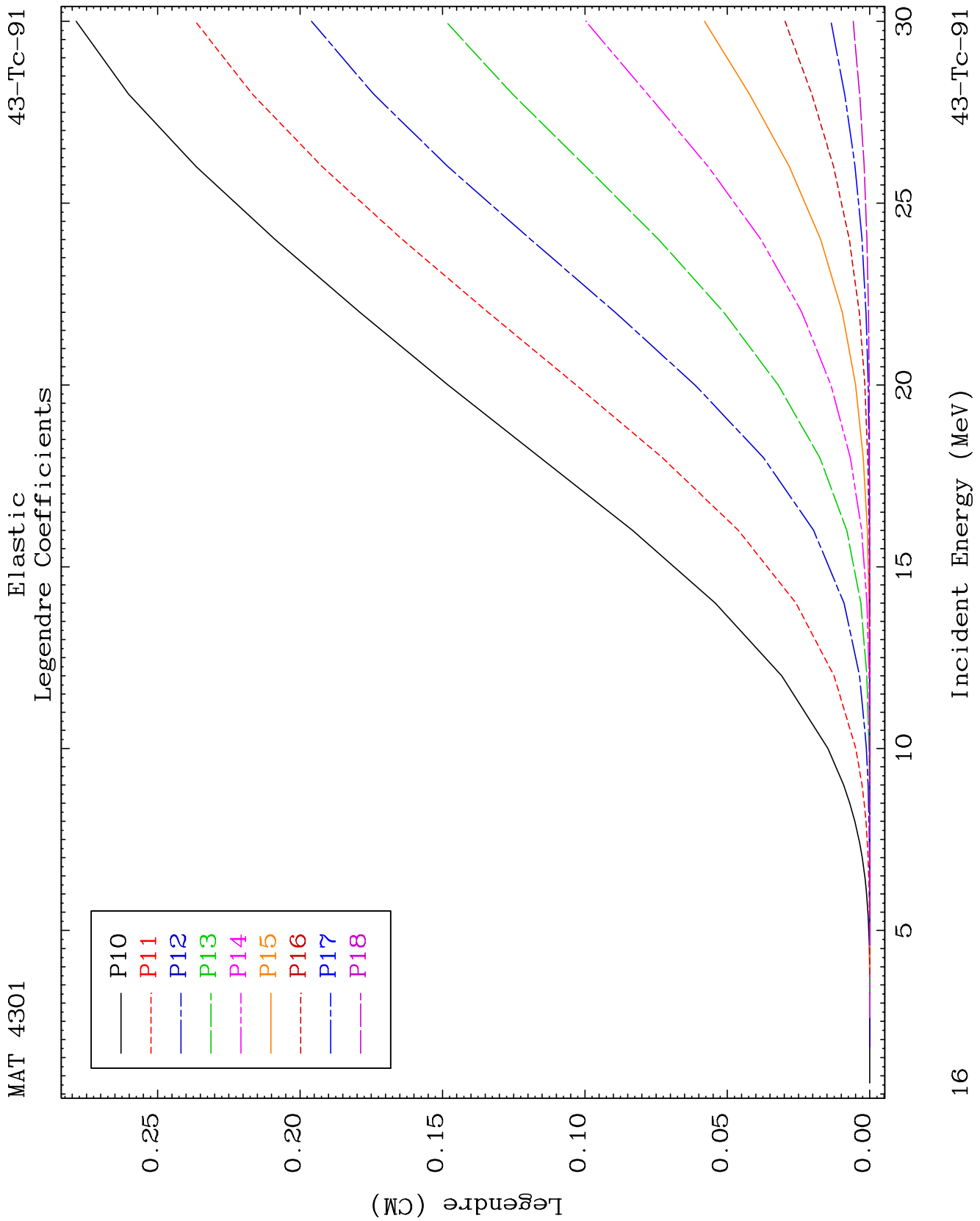
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Incident Energy (MeV)

43-Tc-91

30

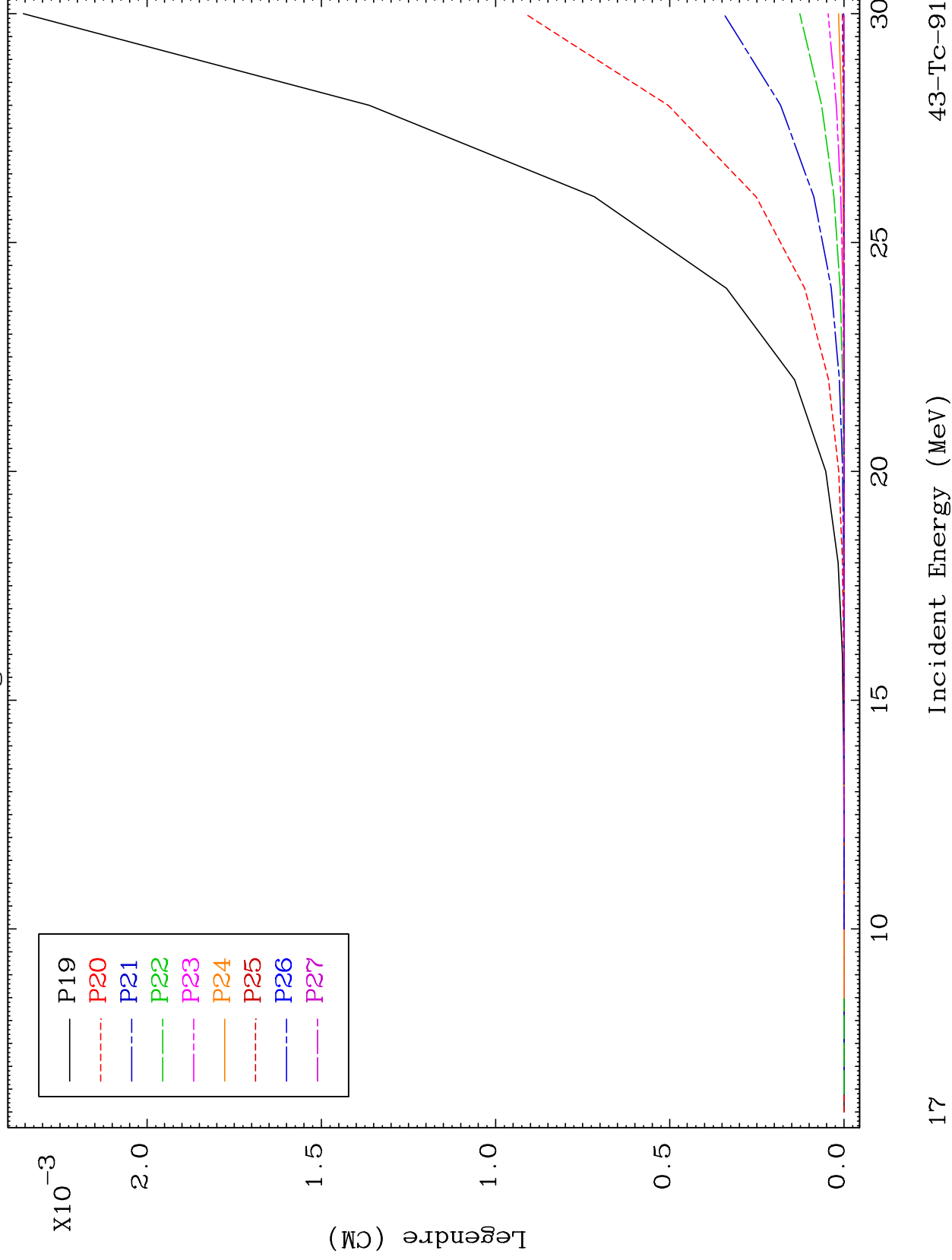




MAT 4301

Elastic  
Legendre Coefficients

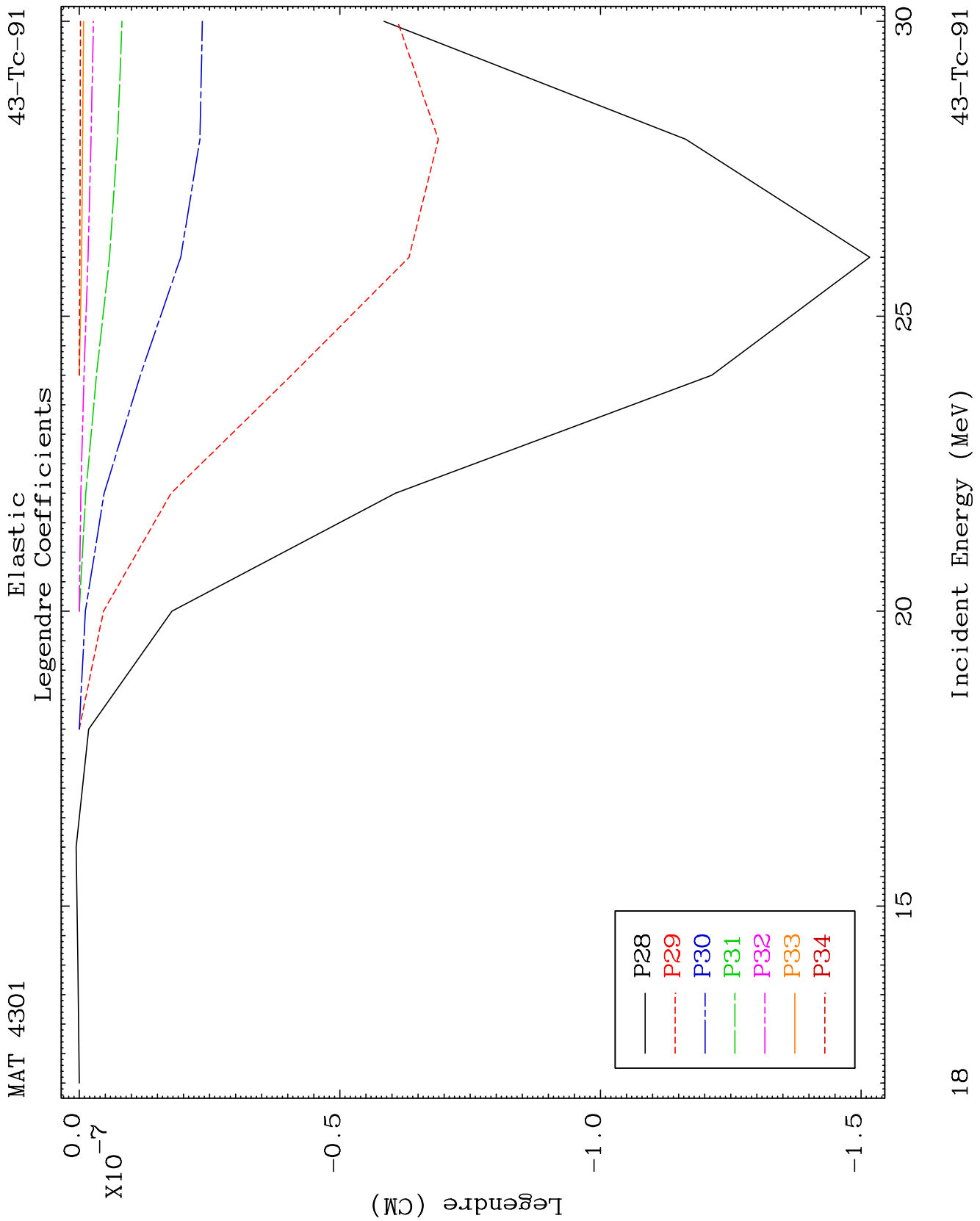
43-Tc-91



17

Incident Energy (MeV)

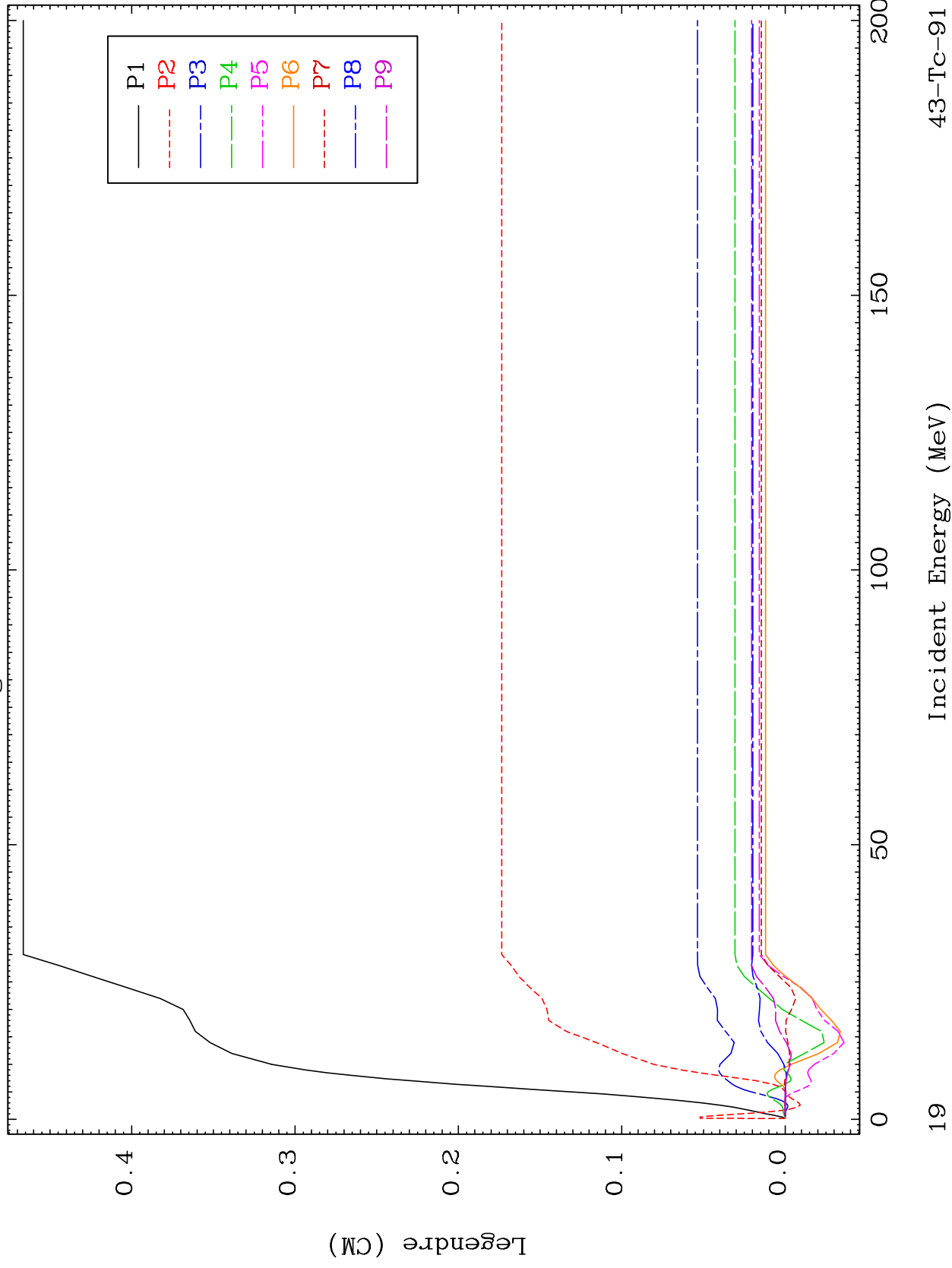
43-Tc-91



MAT 4301

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

43-Tc-91



43-Tc-91

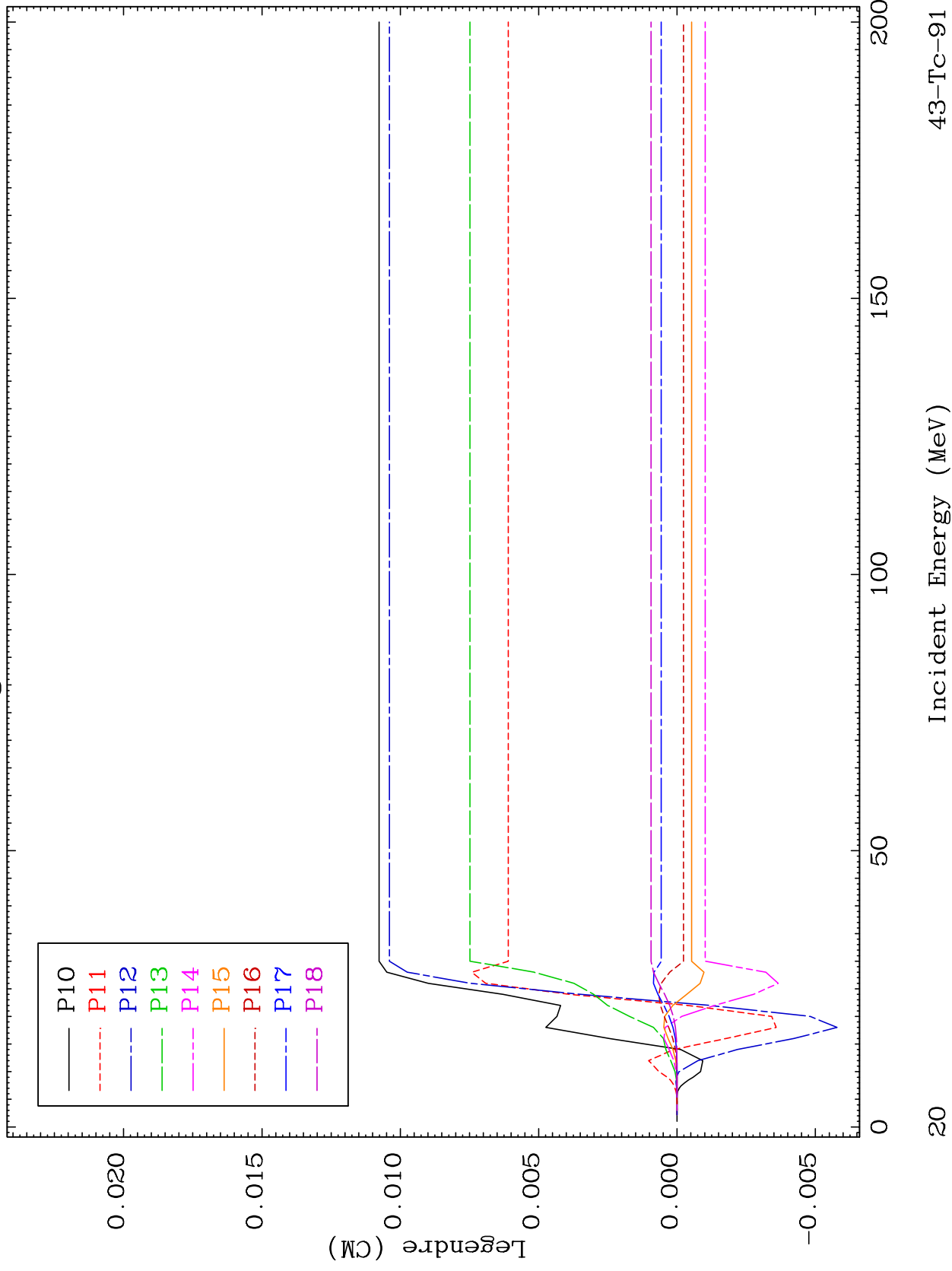
Incident Energy (MeV)

19

MAT 4301

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

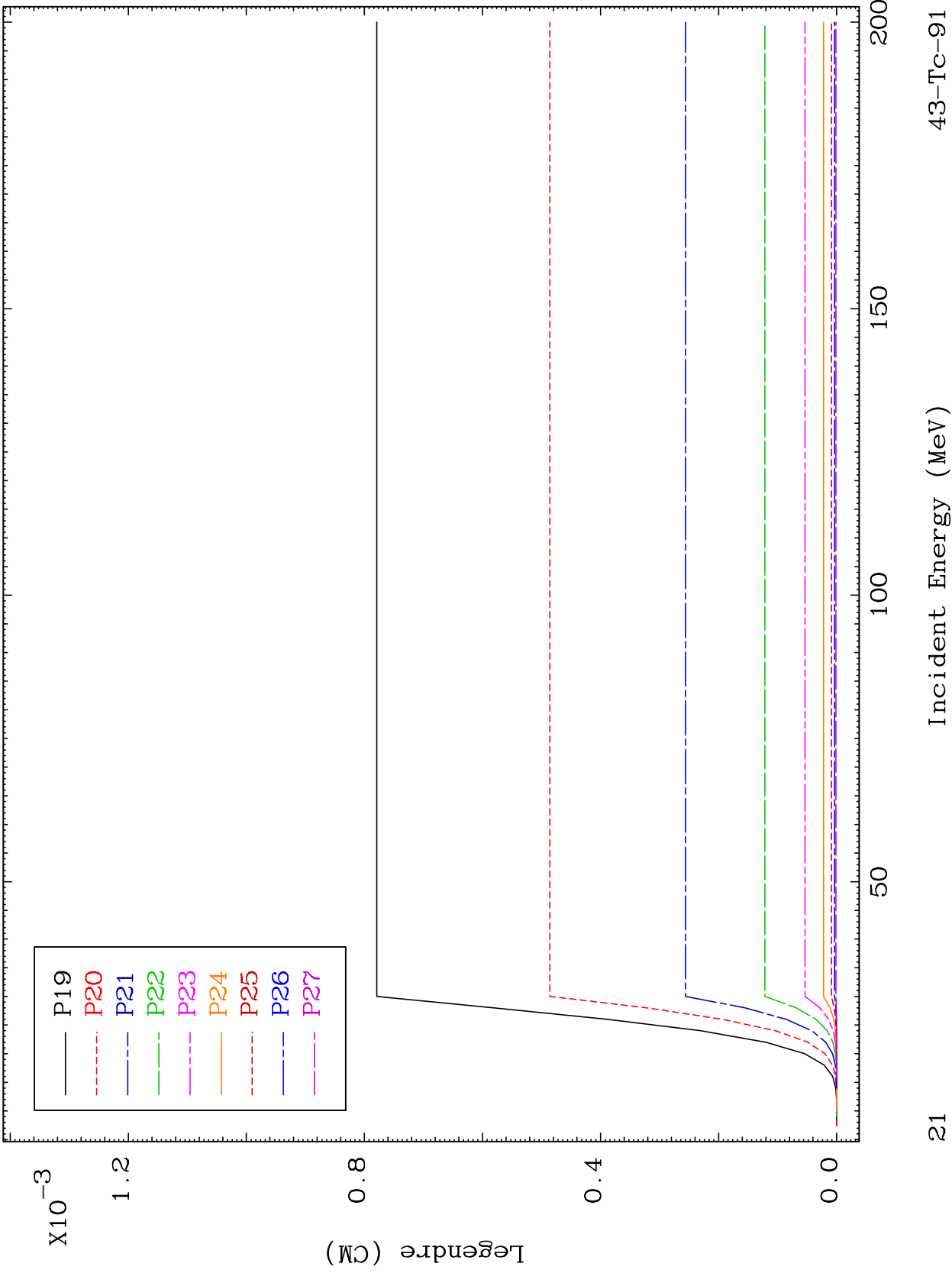
43-Tc-91



43-Tc-91

Incident Energy (MeV)

20



MAT 4301

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

43-Tc-91

$\times 10^{-7}$

4

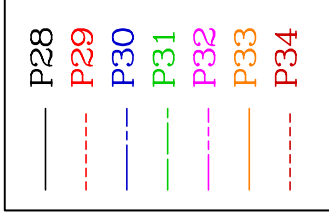
3

2

1

0

Legendre (CM)



50

100

150

200

22

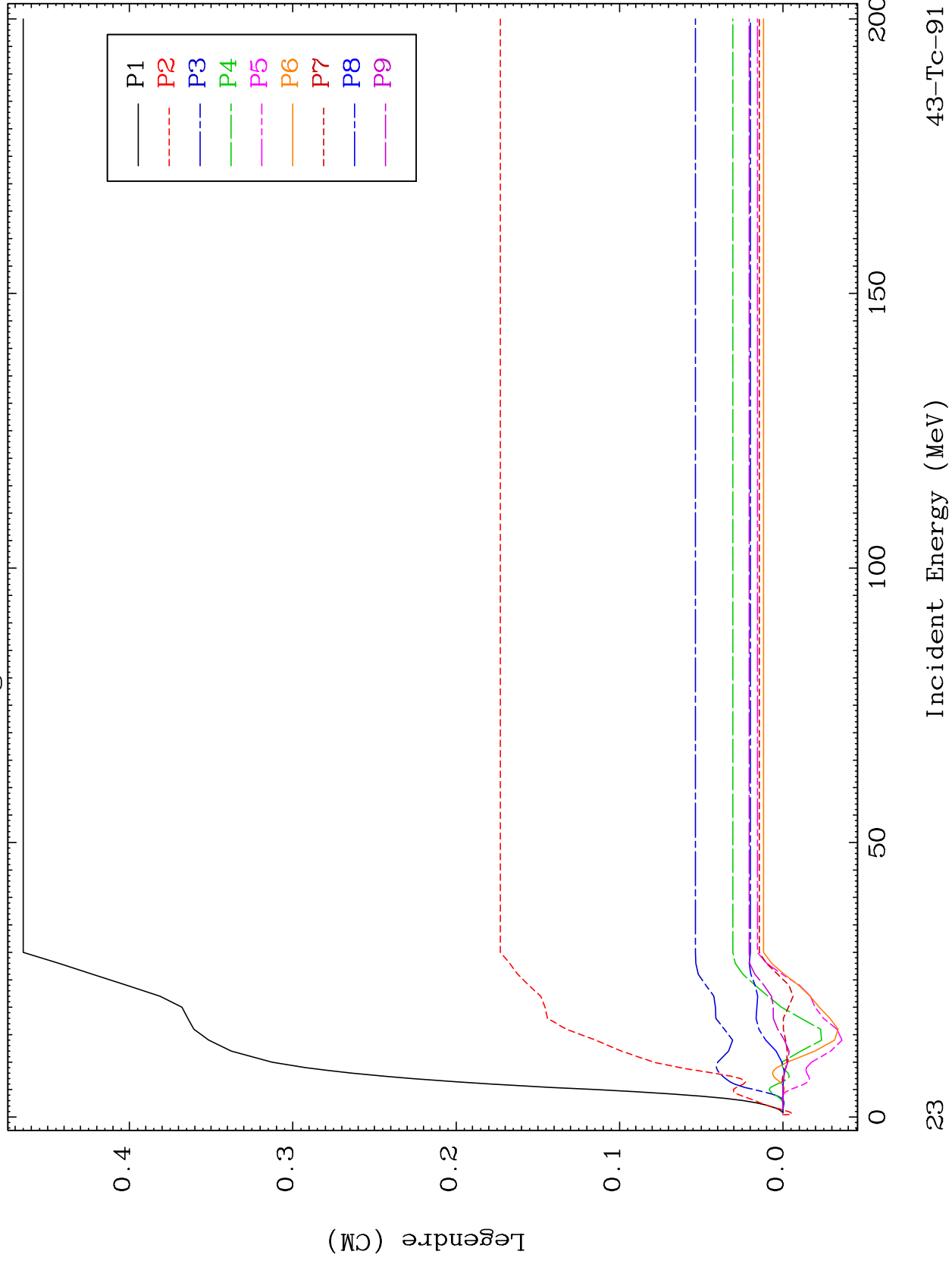
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

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



23

Incident Energy (MeV)

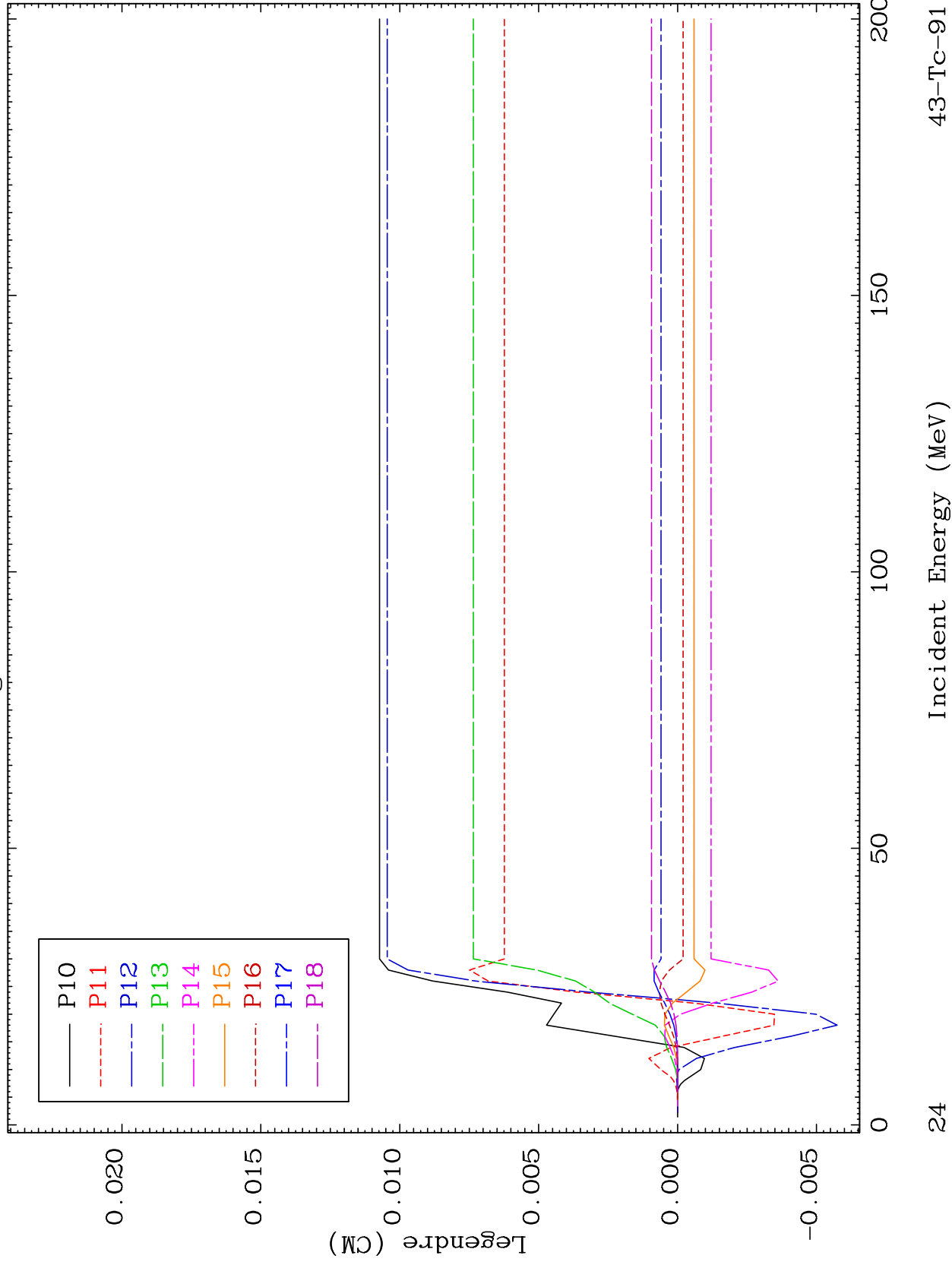
43-Tc-91



MAT 4301

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

43-Tc-91



43-Tc-91

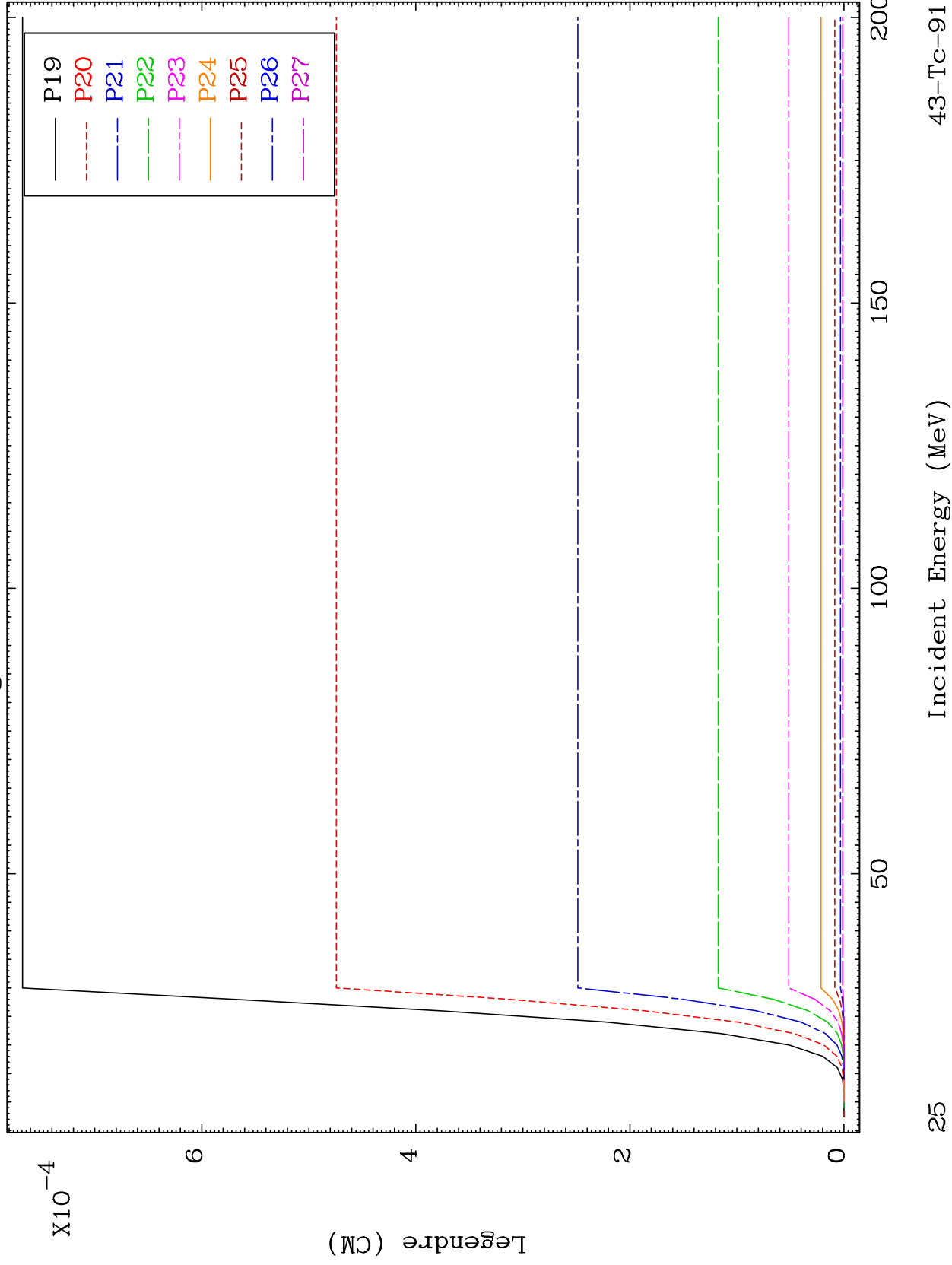
Incident Energy (MeV)

24

MAT 4301

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

43-Tc-91



25

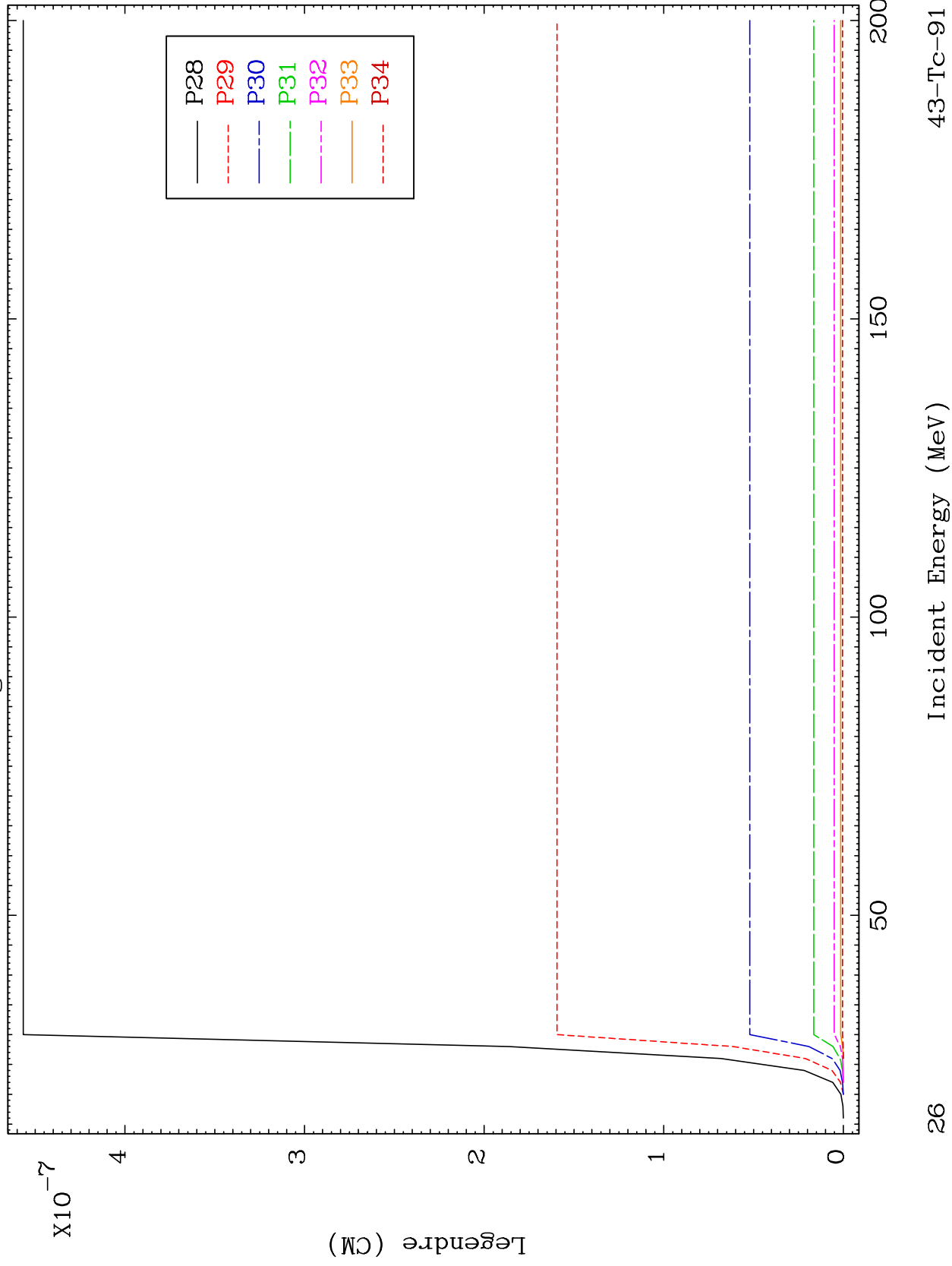
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



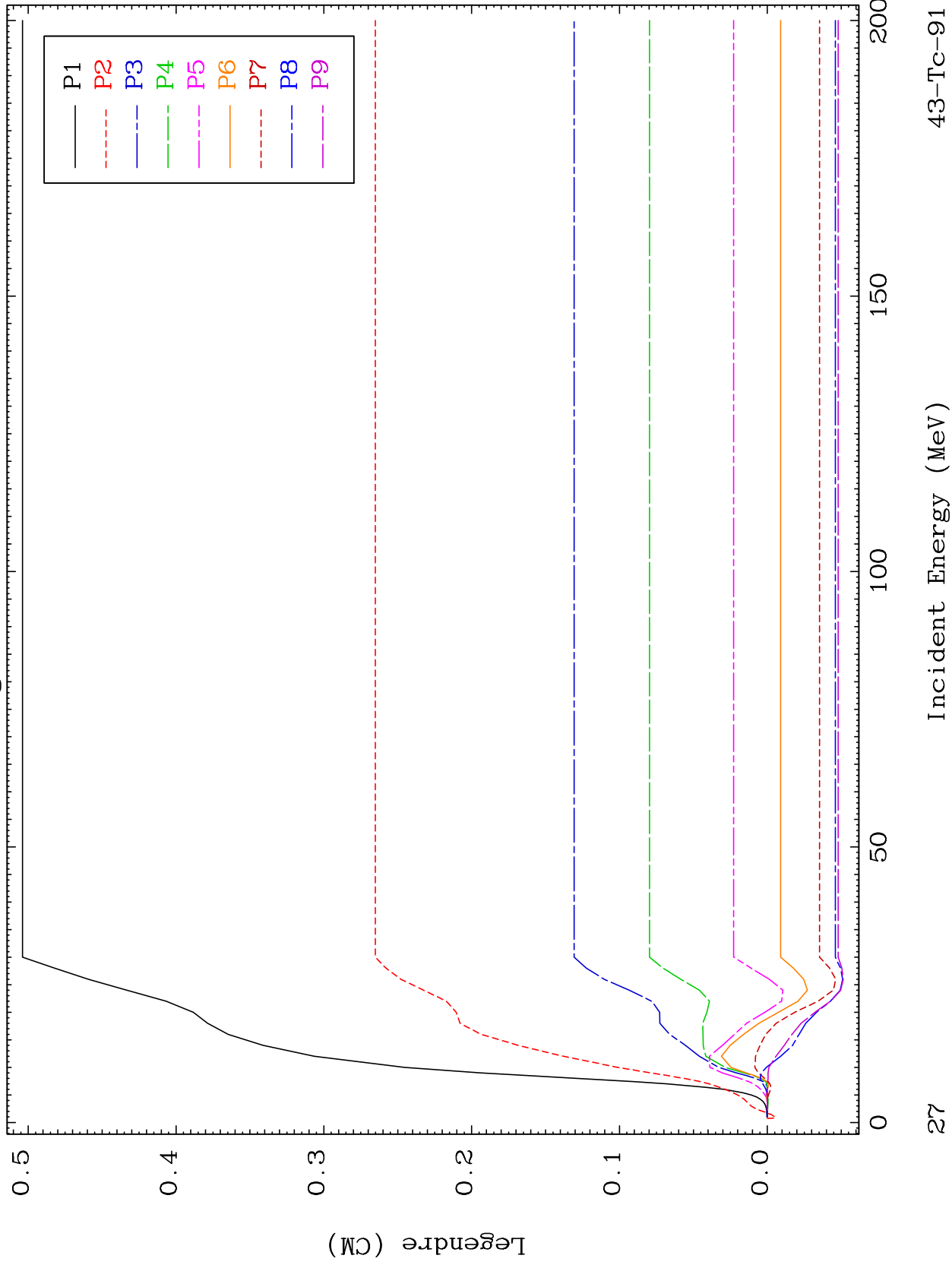
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43-Tc-91

MAT 4301

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

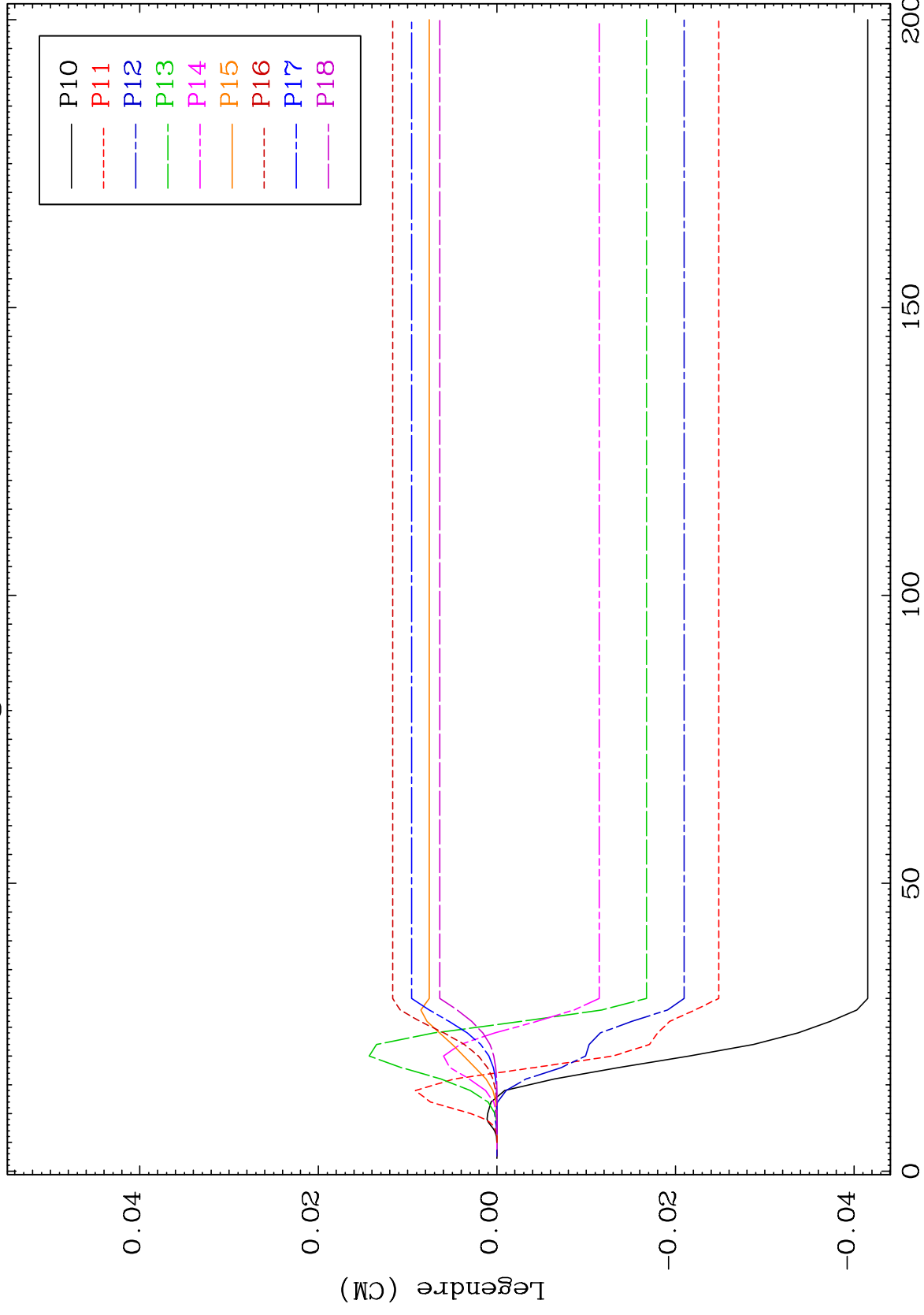
43-Tc-91



MAT 4301

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

43-Tc-91



28

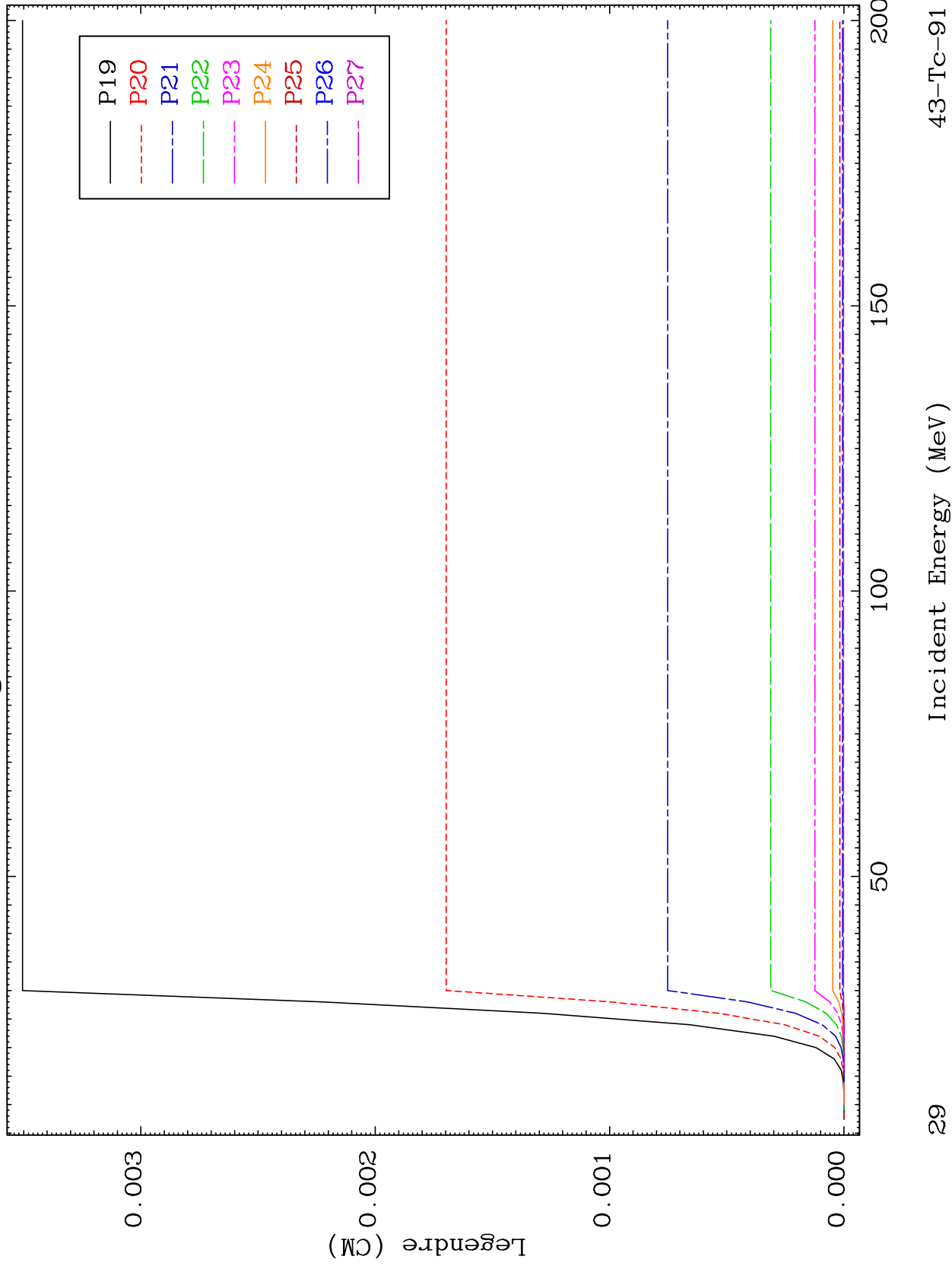
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



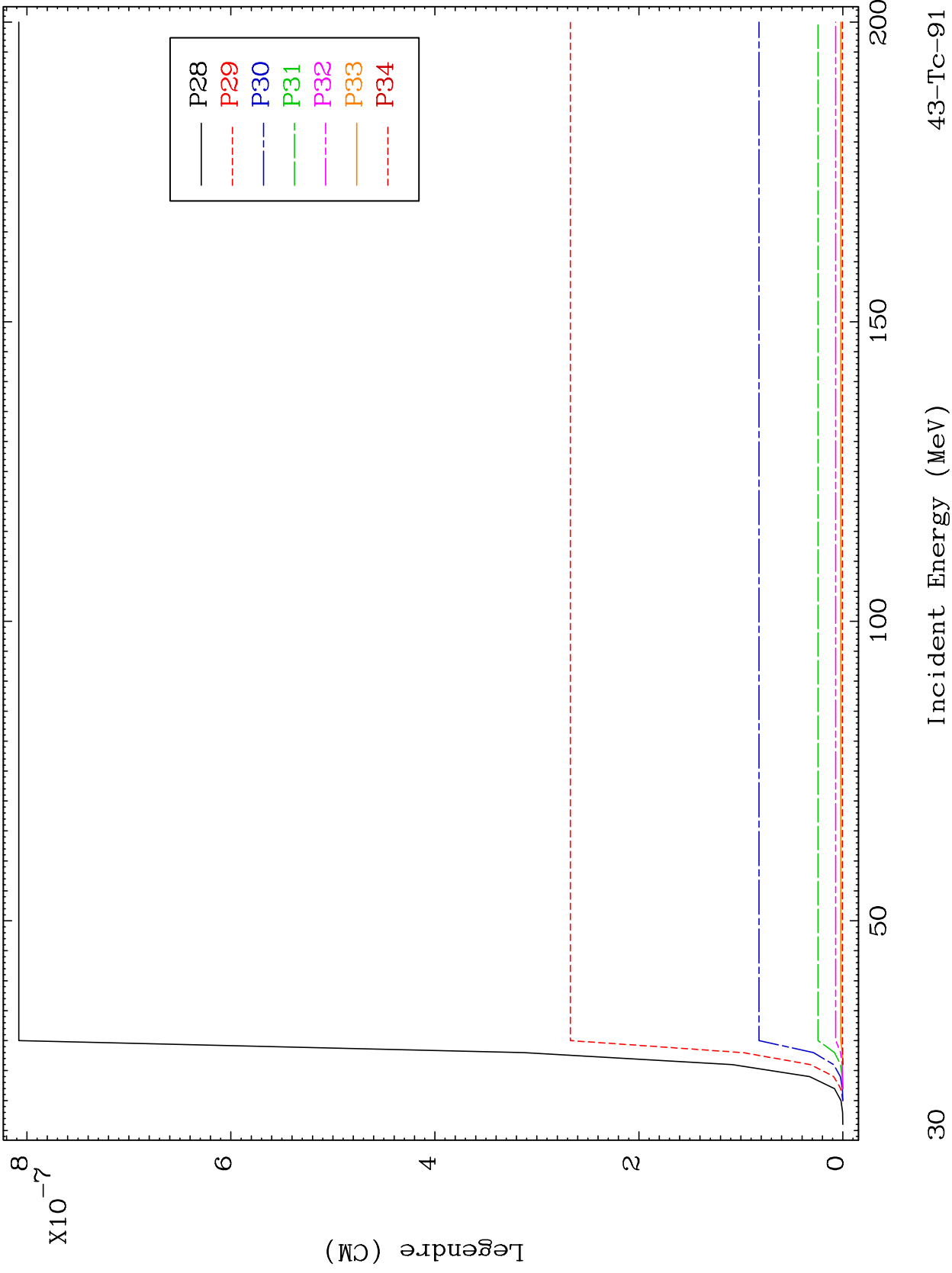
29

43-Tc-91

MAT 4301

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

43-Tc-91



30

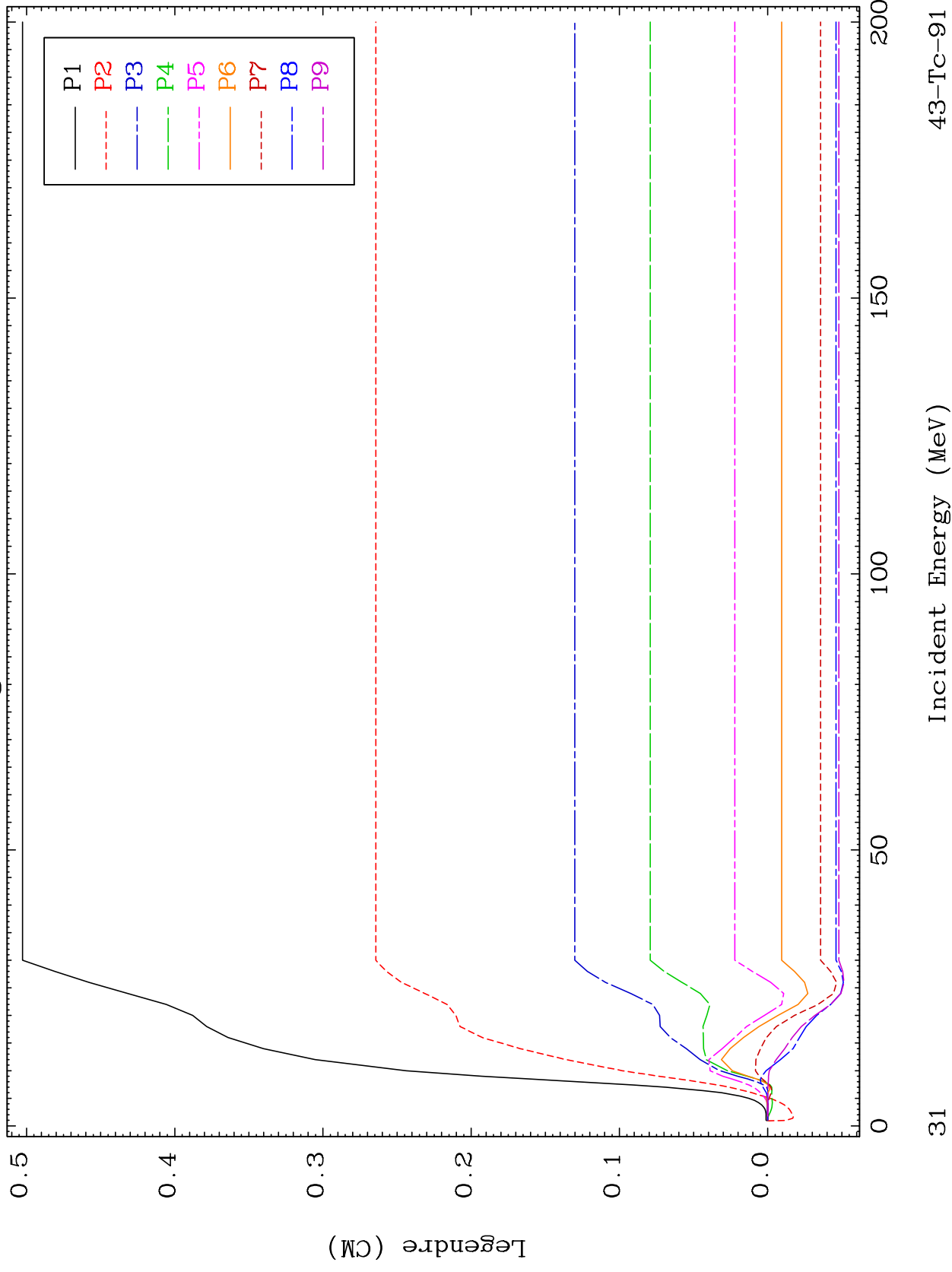
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



31

Incident Energy (MeV)

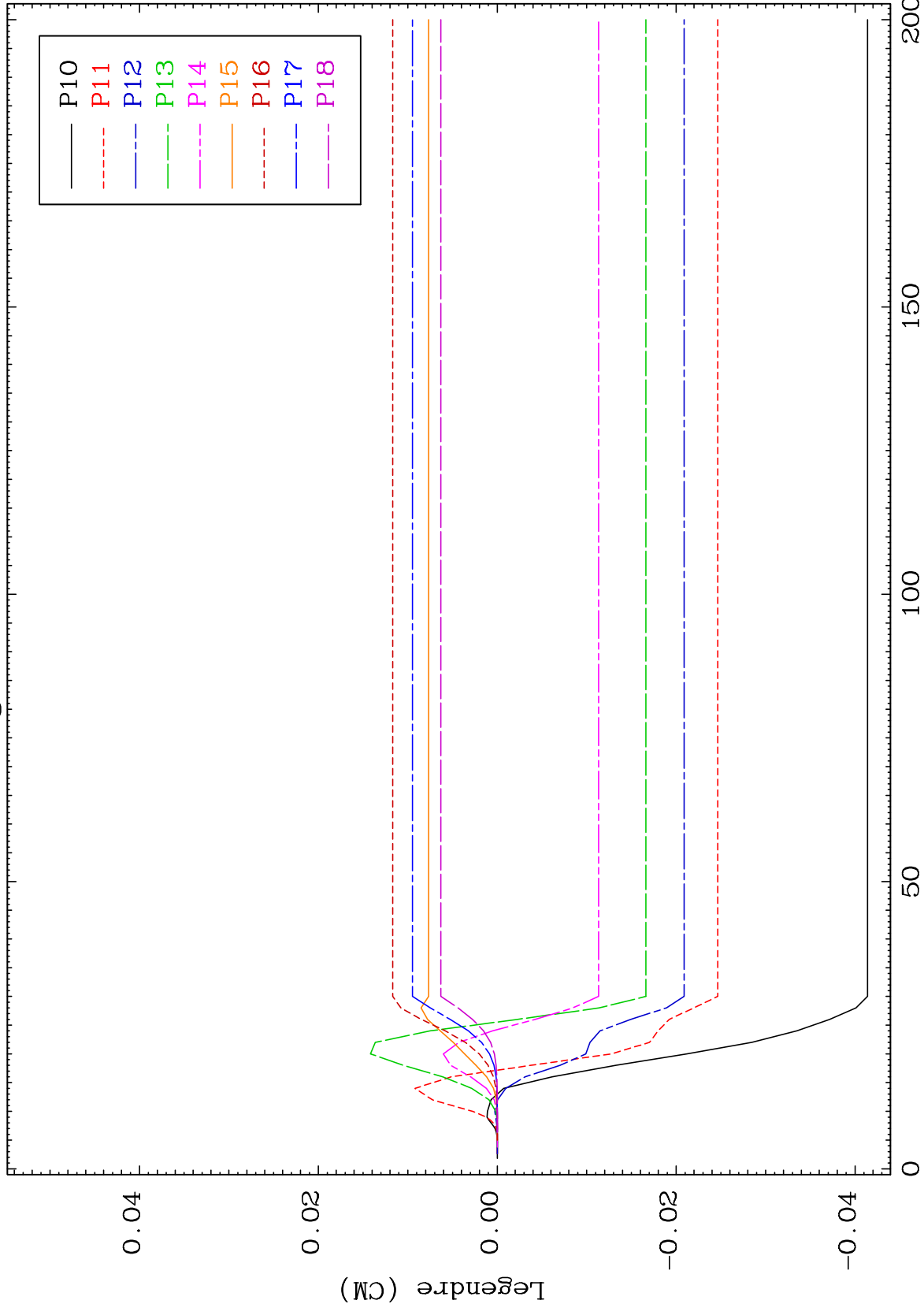
43-Tc-91



MAT 4301

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

43-Tc-91



32

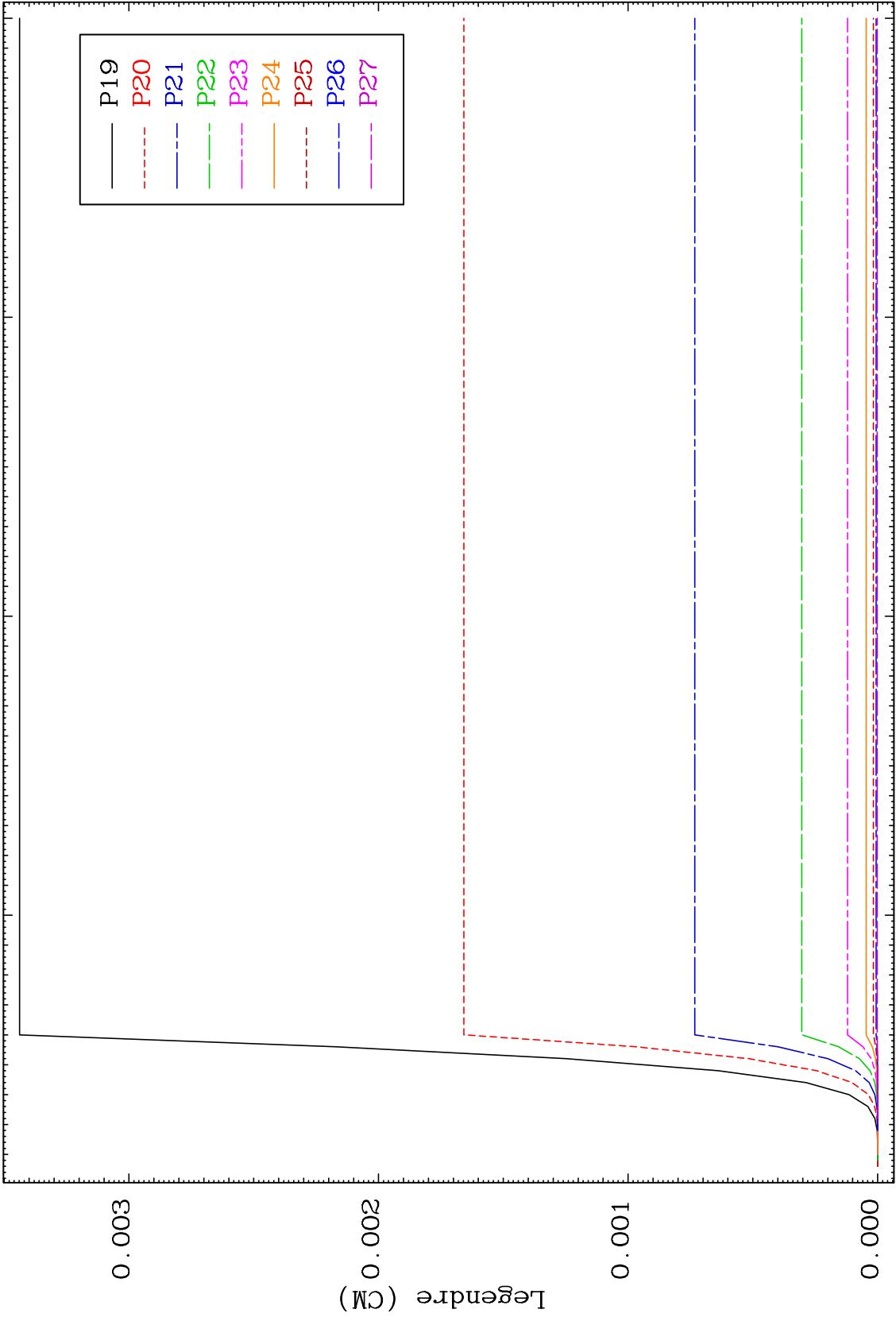
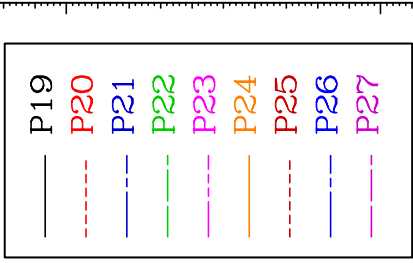
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



33

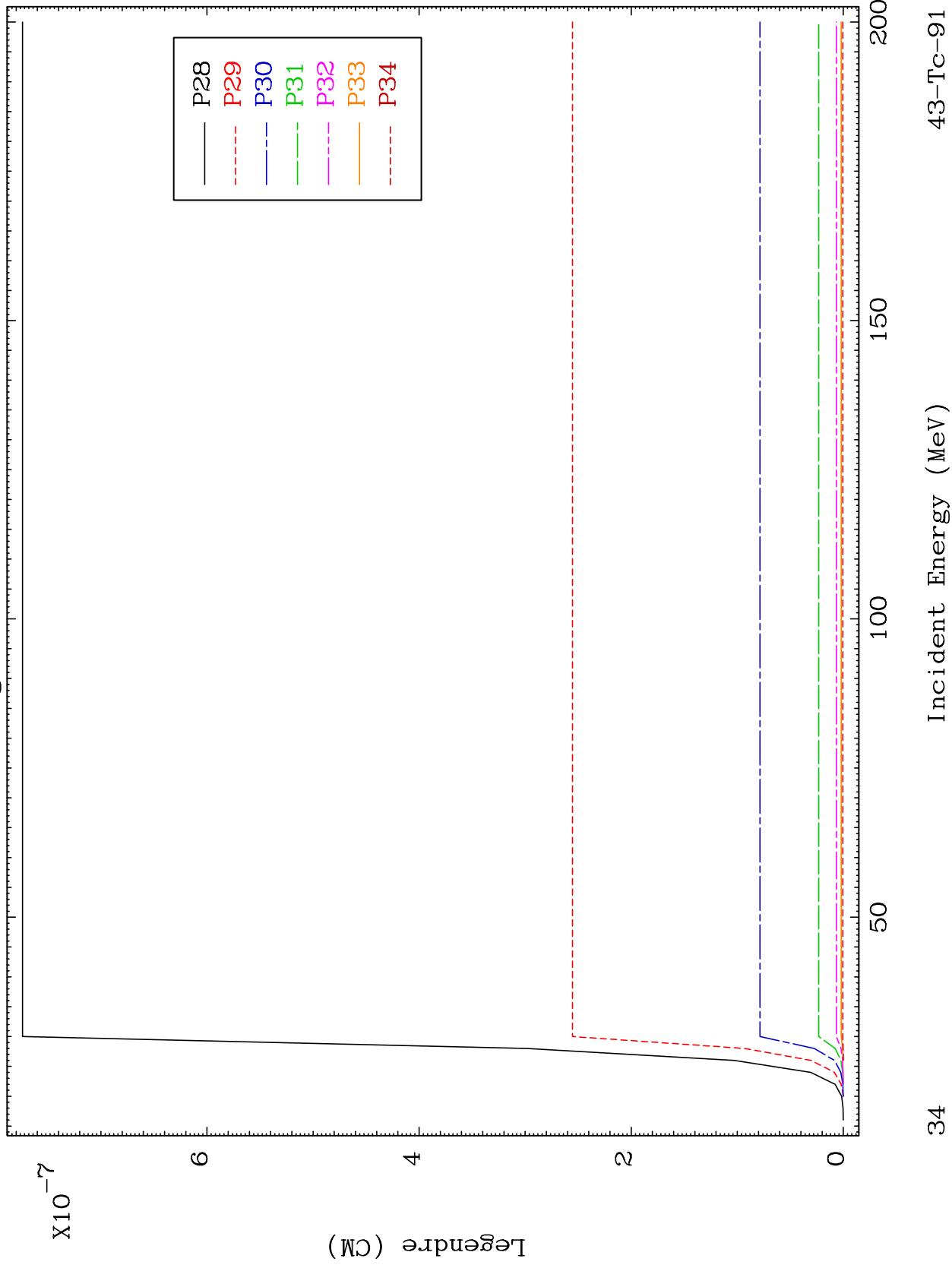
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

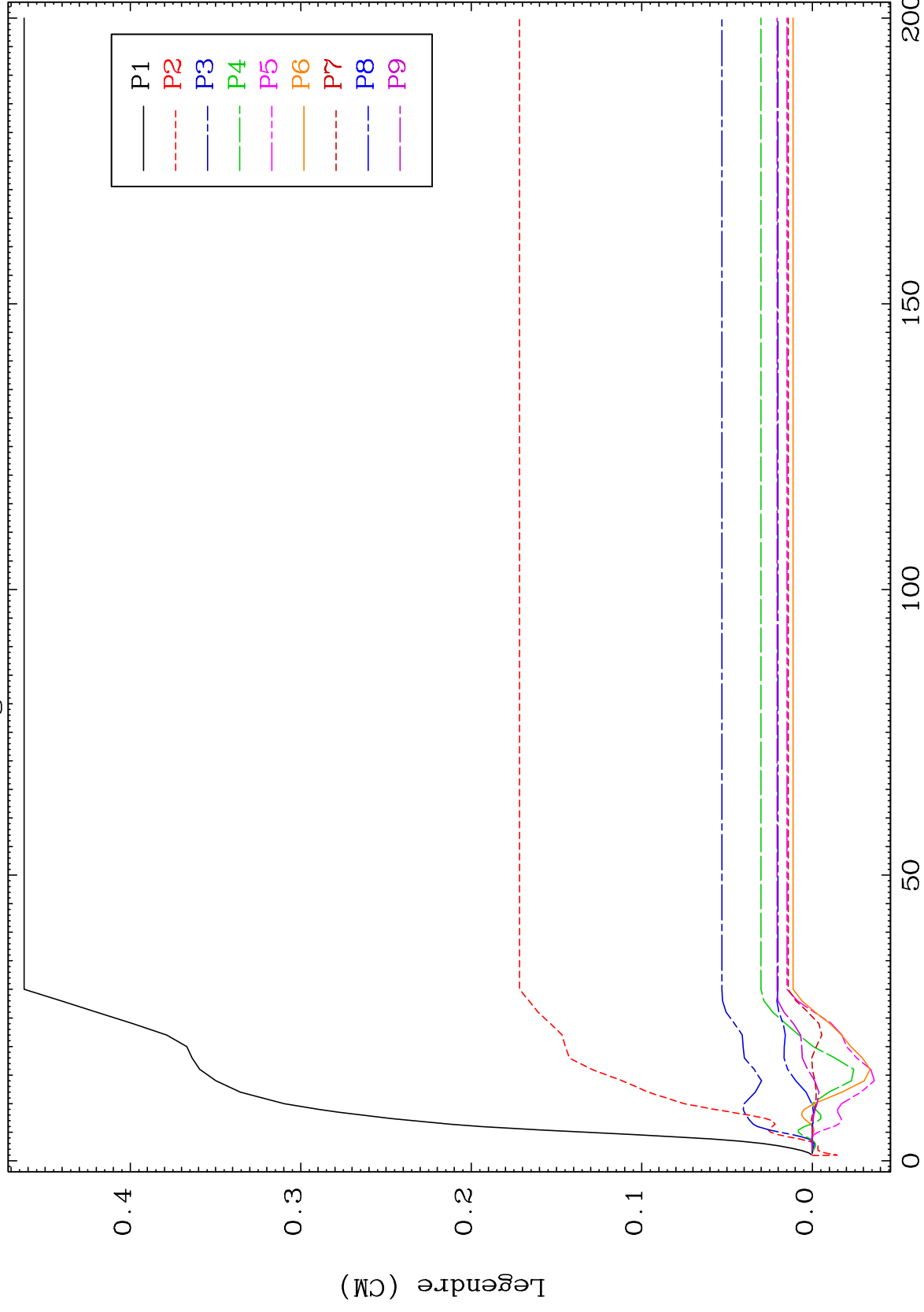
43-Tc-91



MAT 4301

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

43-Tc-91



35

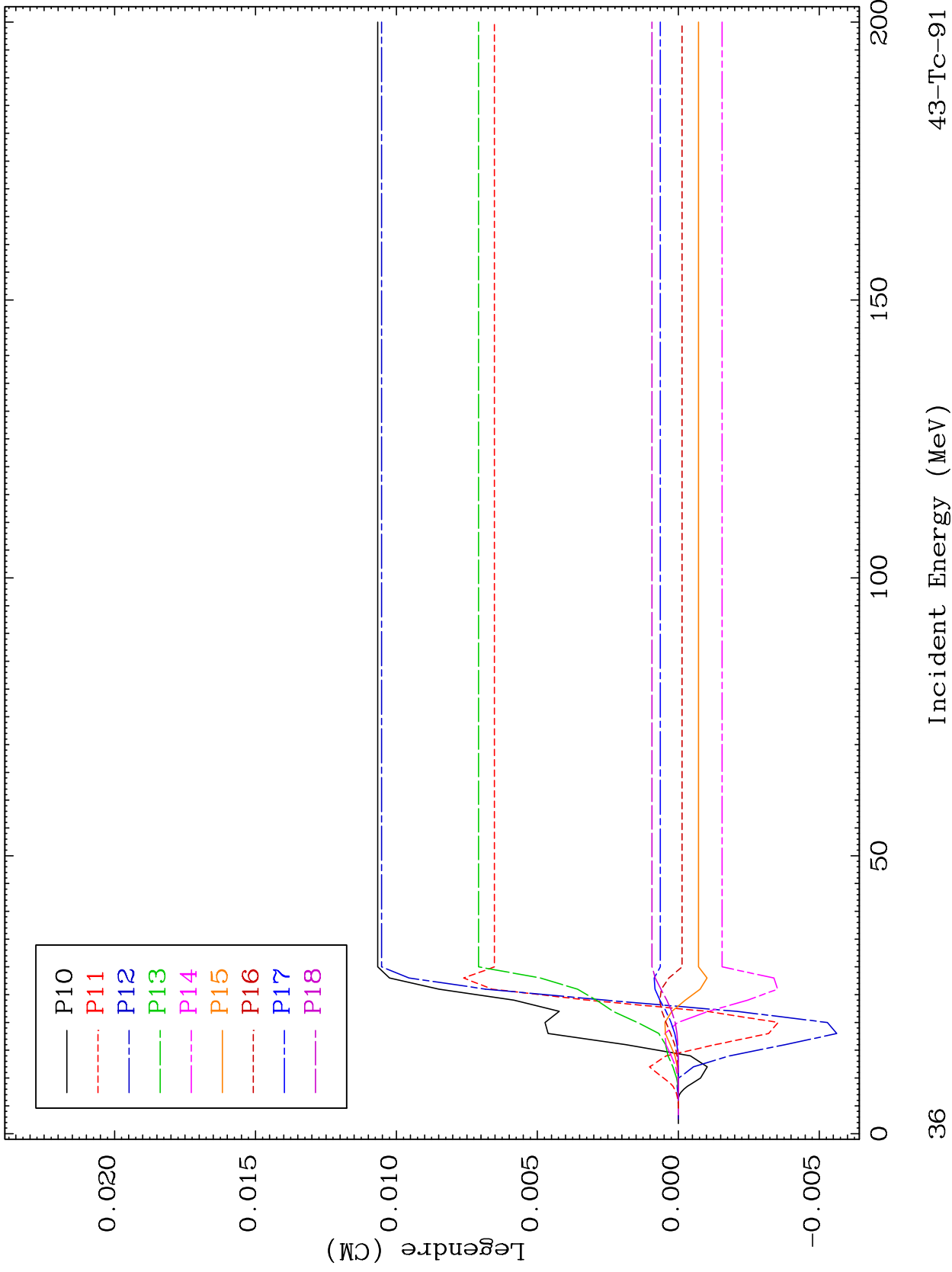
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



36

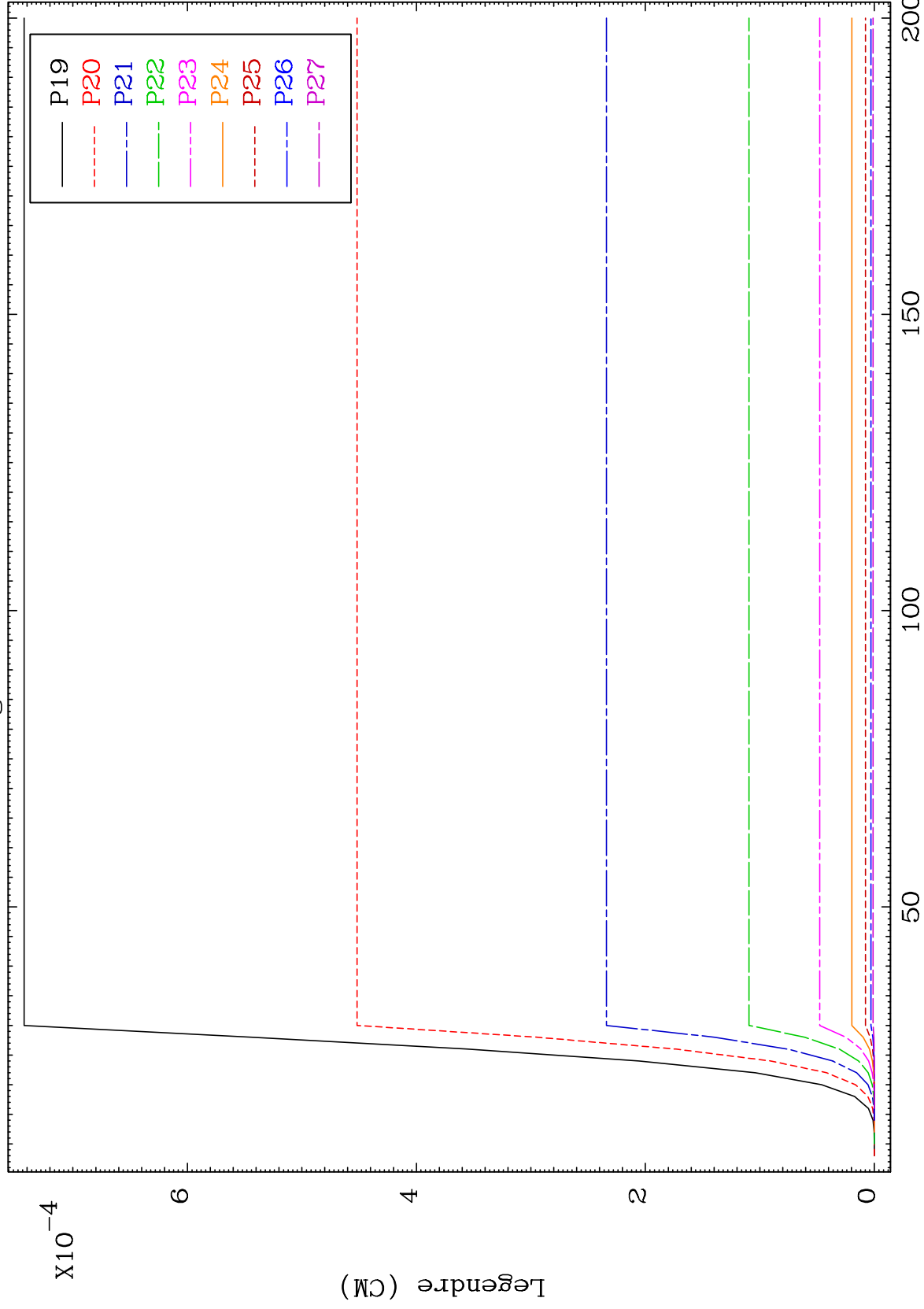
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



37

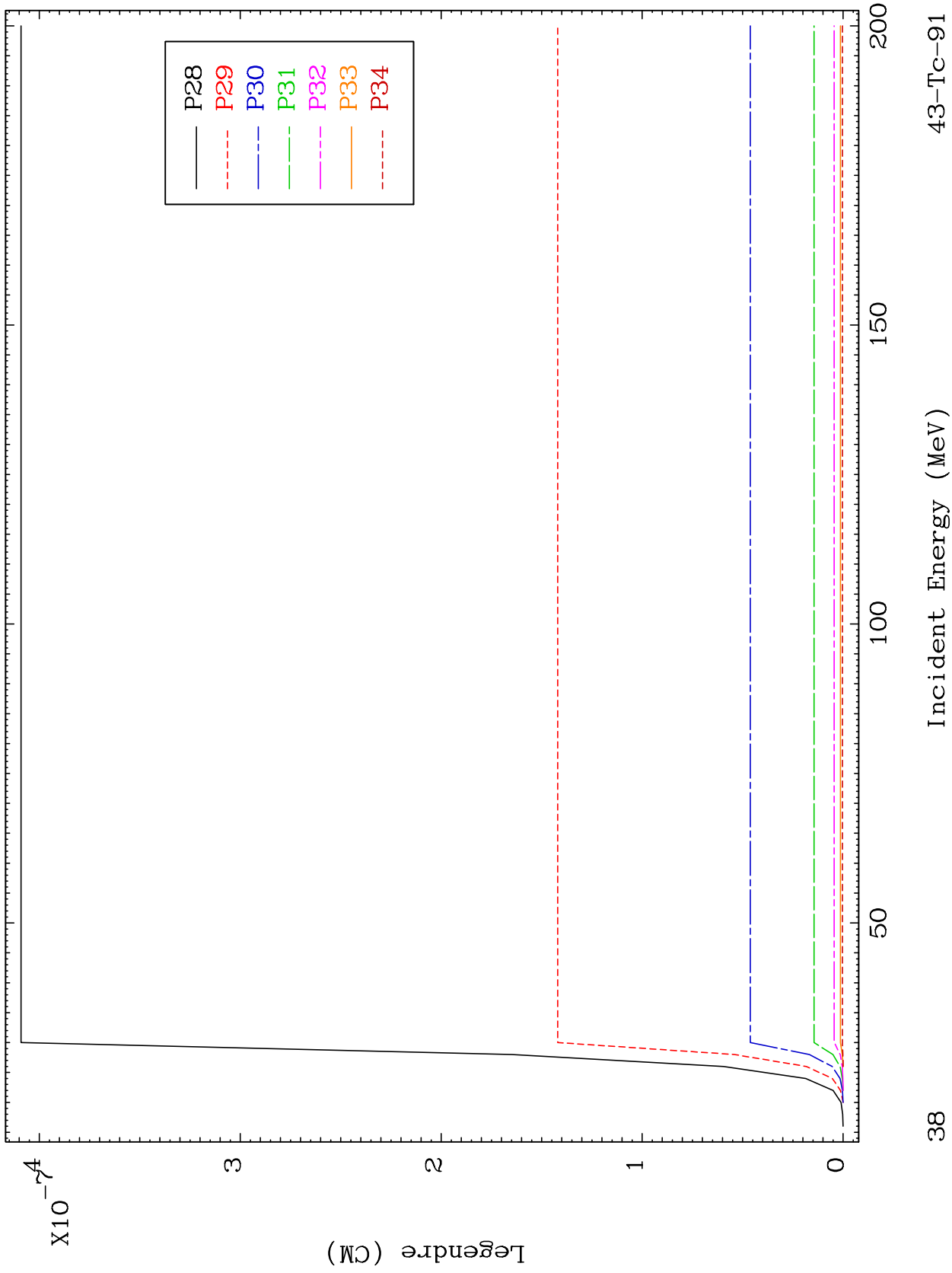
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

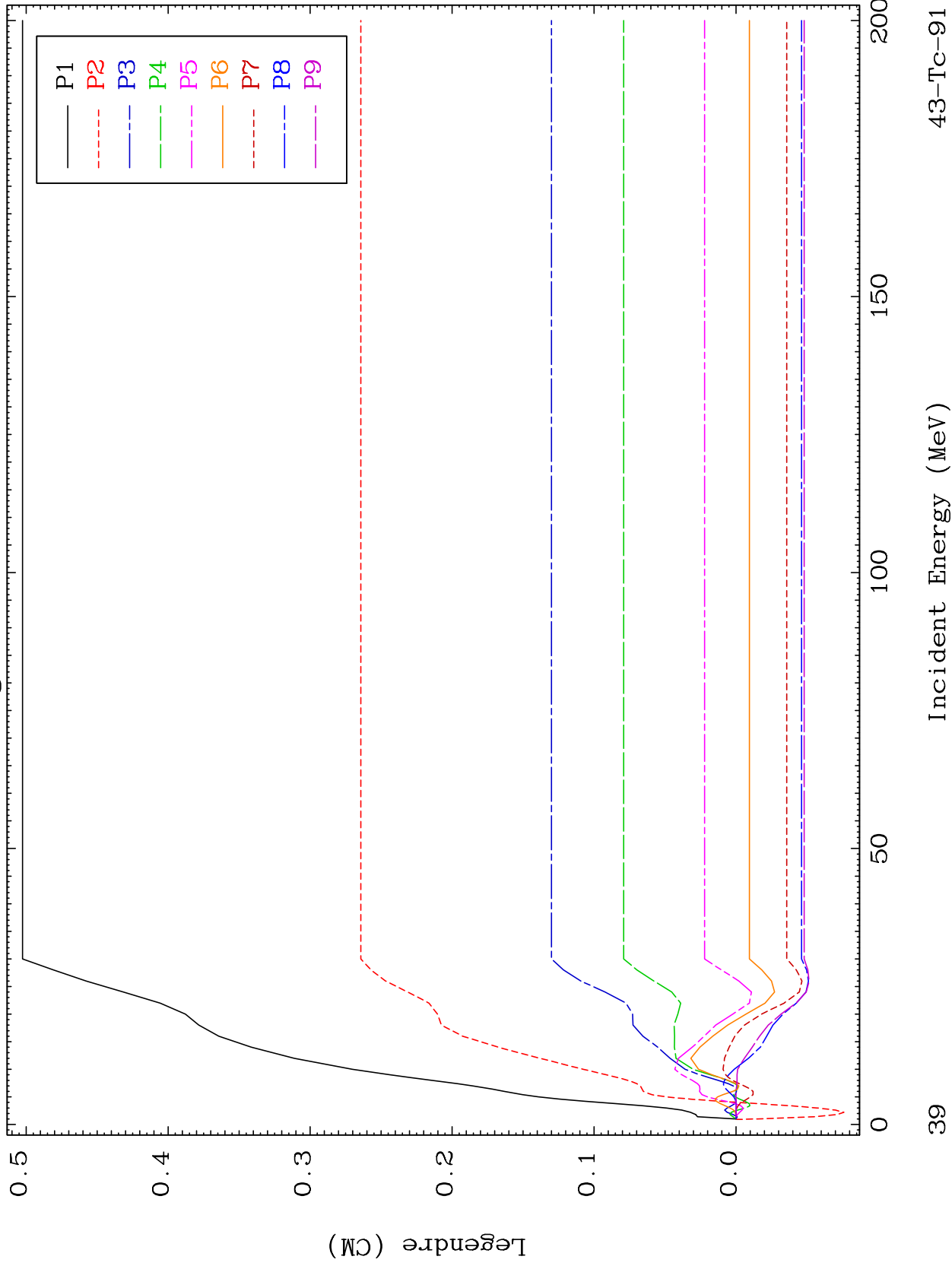
43-Tc-91



MAT 4301

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

43-Tc-91



39

Incident Energy (MeV)

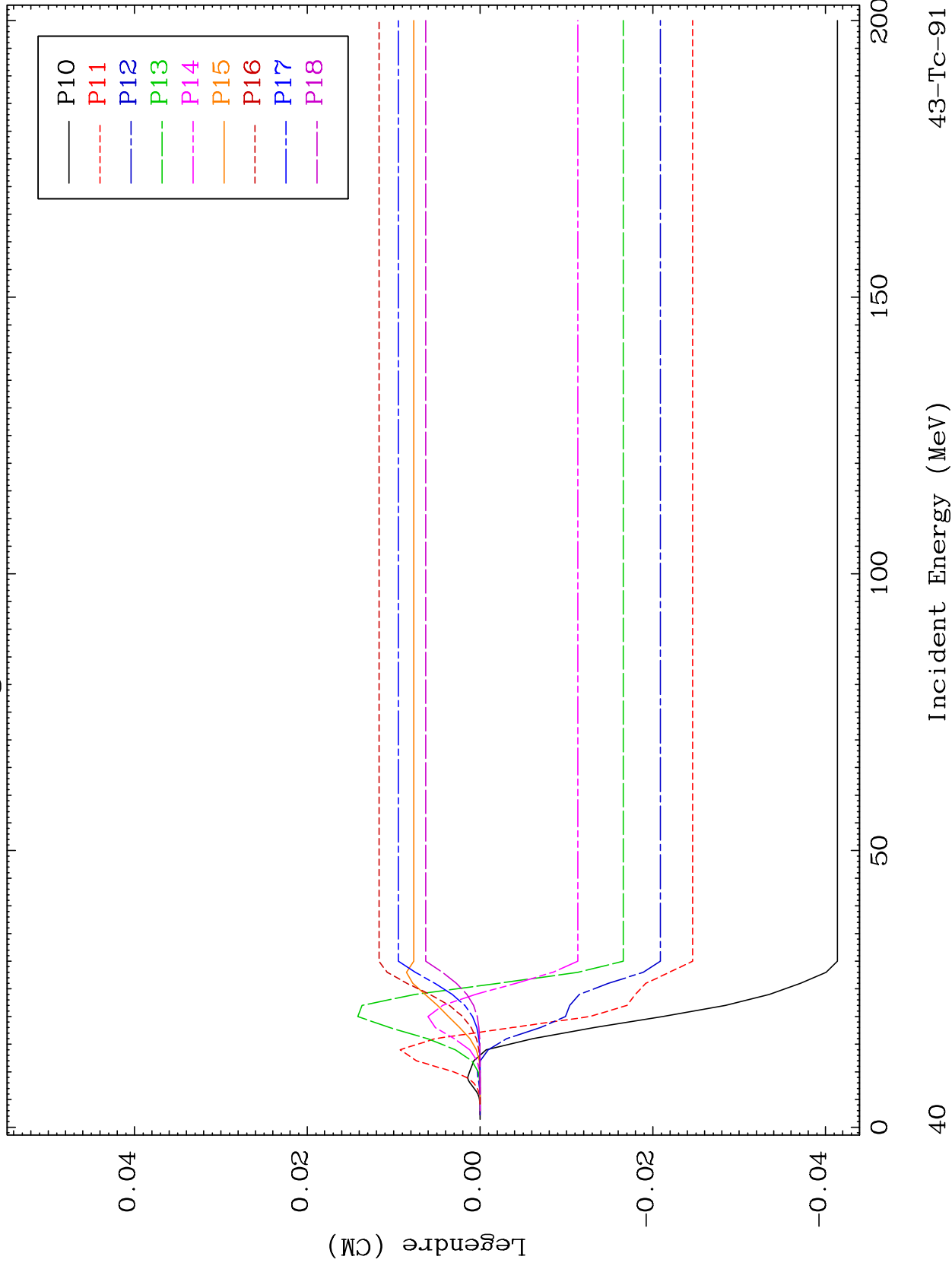
43-Tc-91



MAT 4301

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

43-Tc-91



43-Tc-91

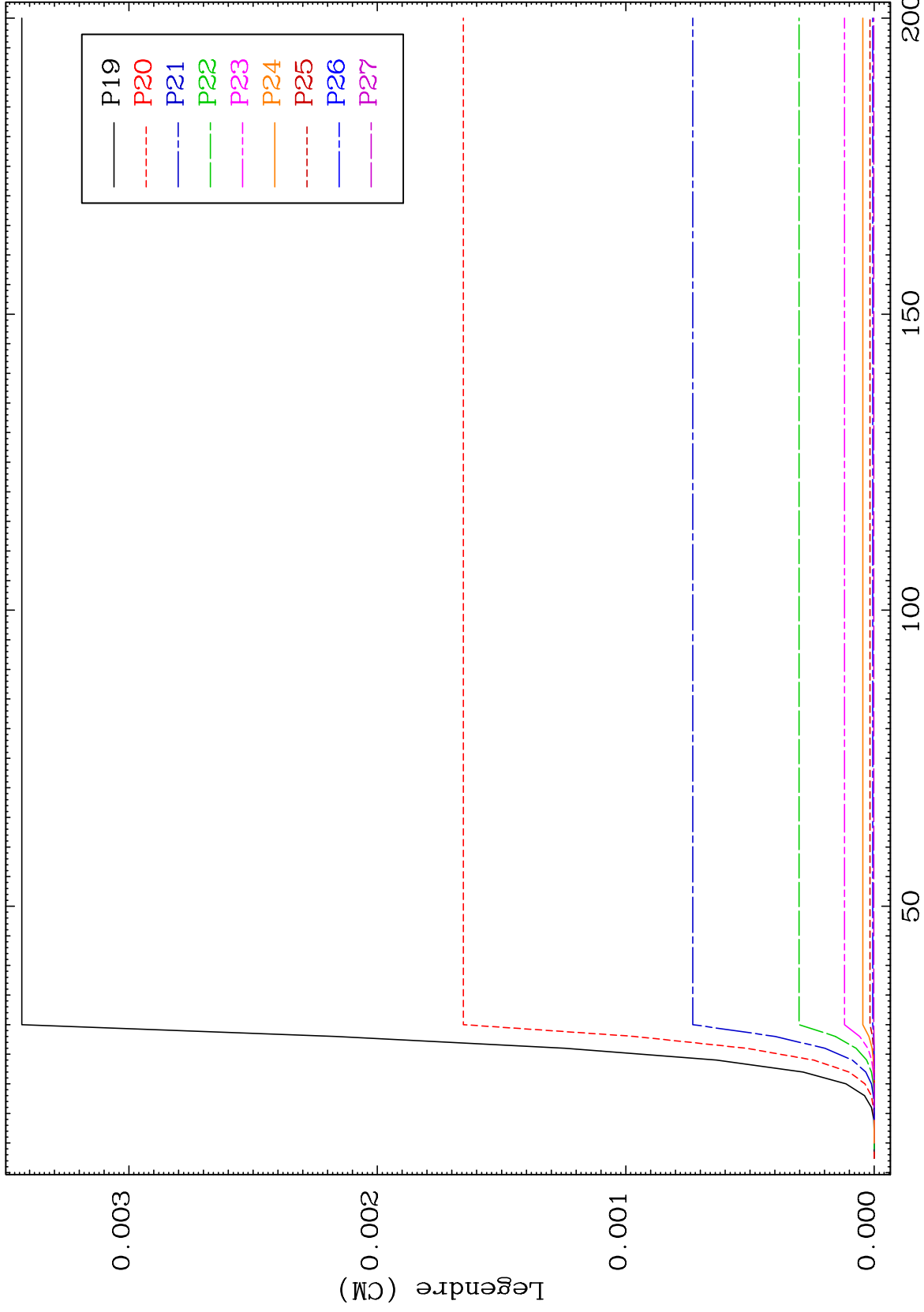
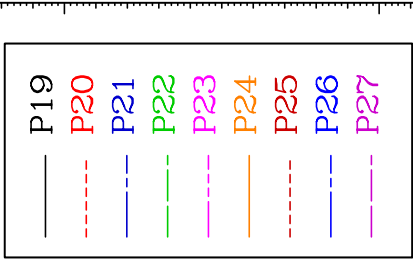
Incident Energy (MeV)

40

MAT 4301

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

43-Tc-91



41

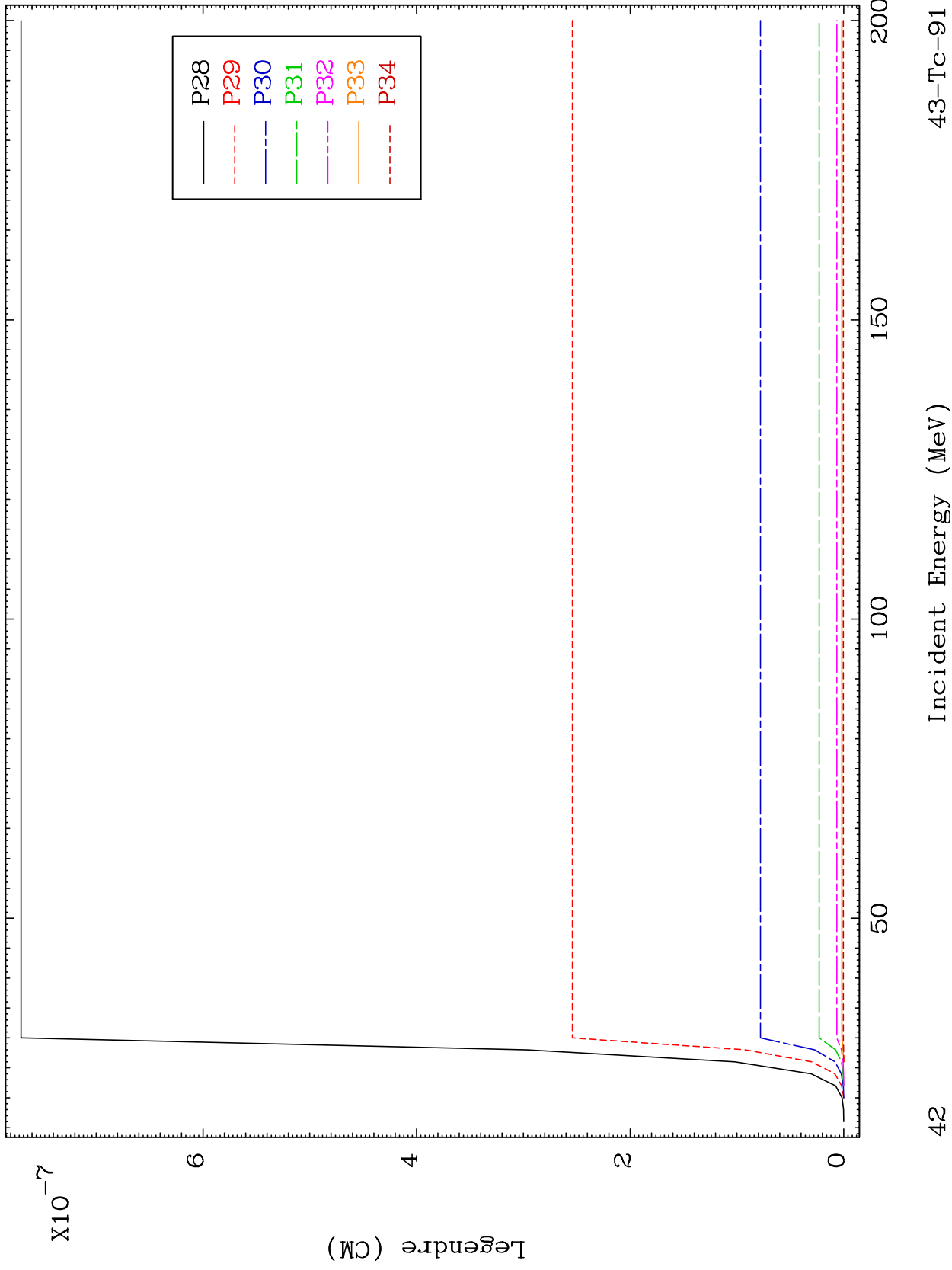
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



42

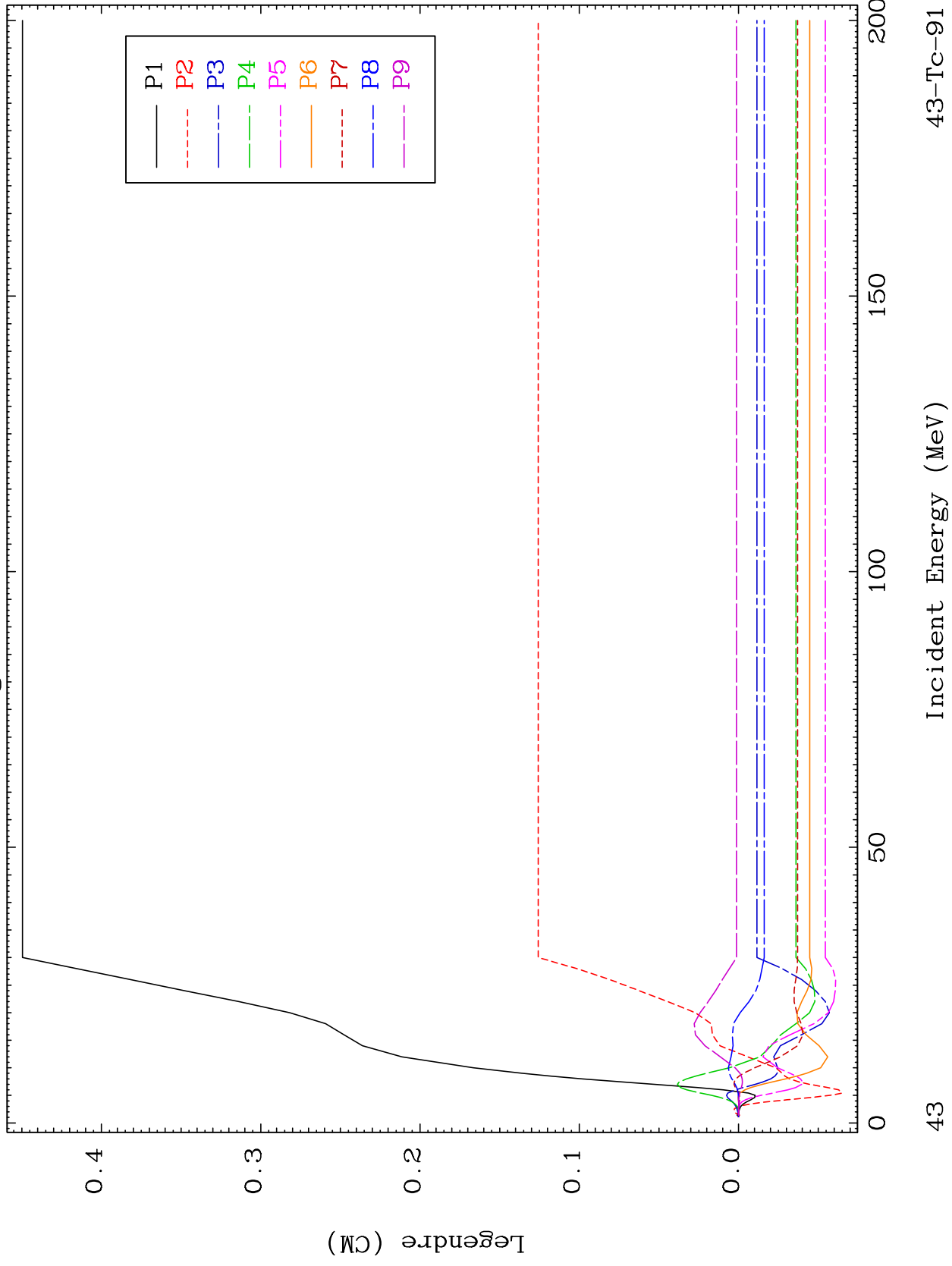
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



43

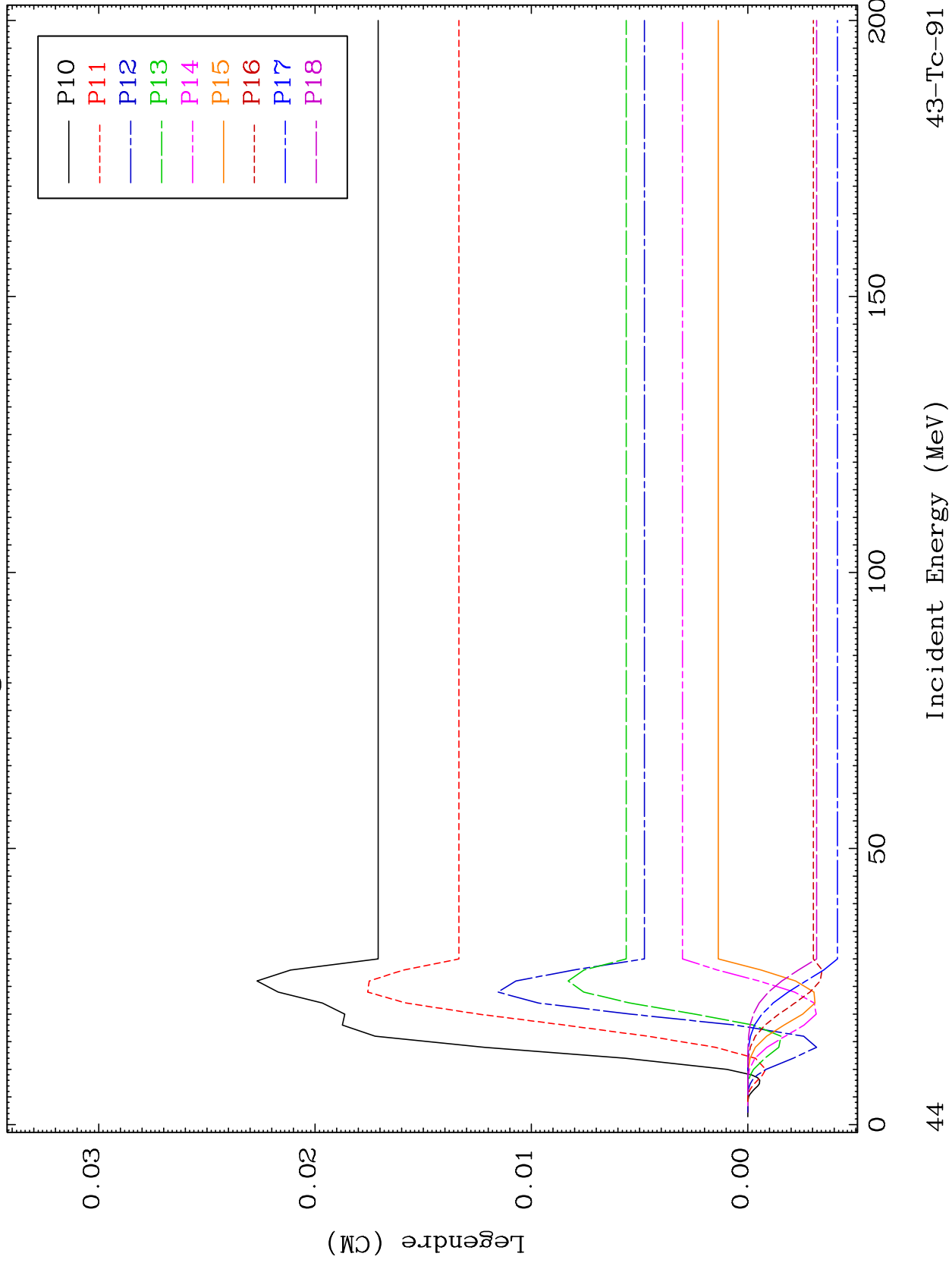
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

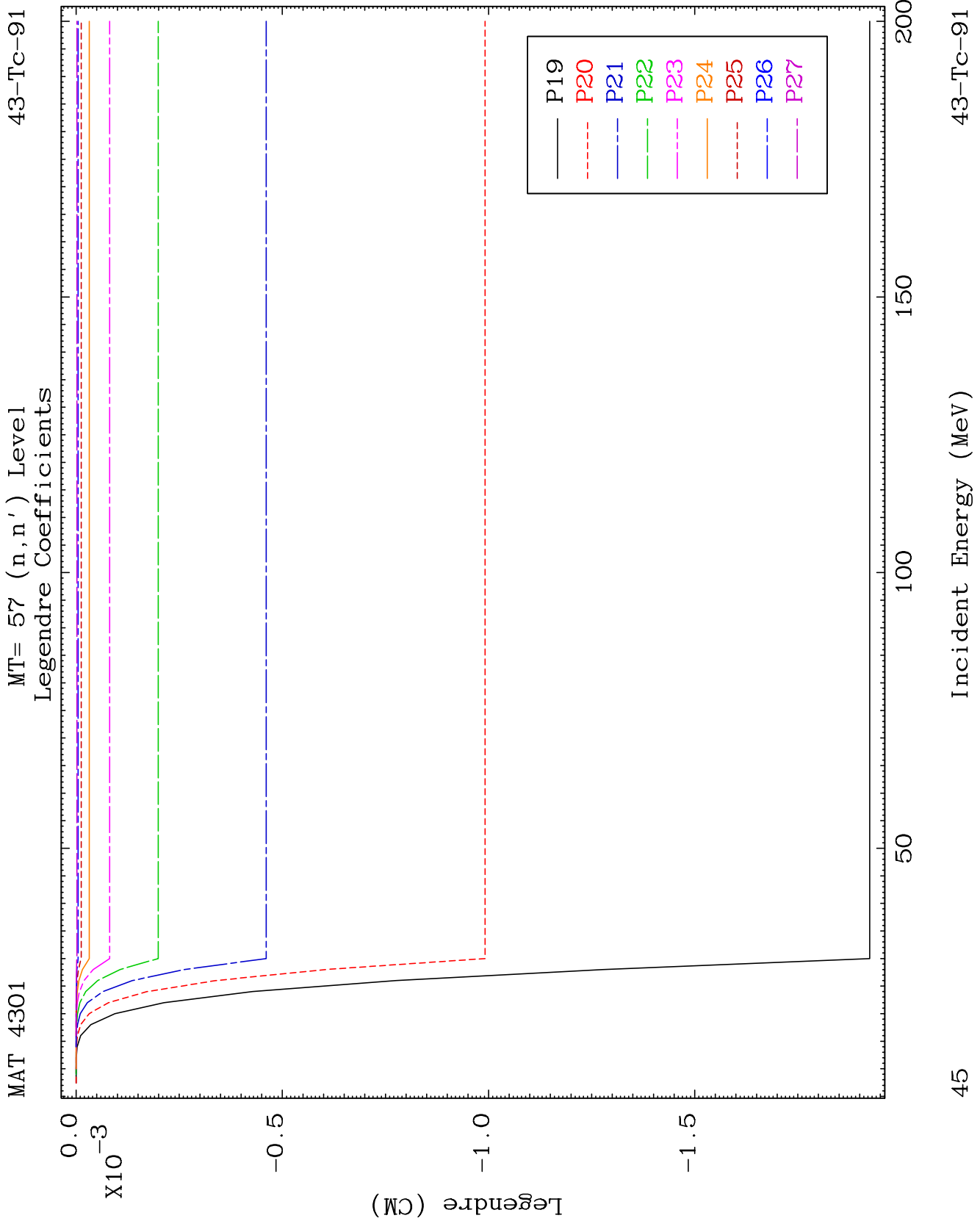
43-Tc-91

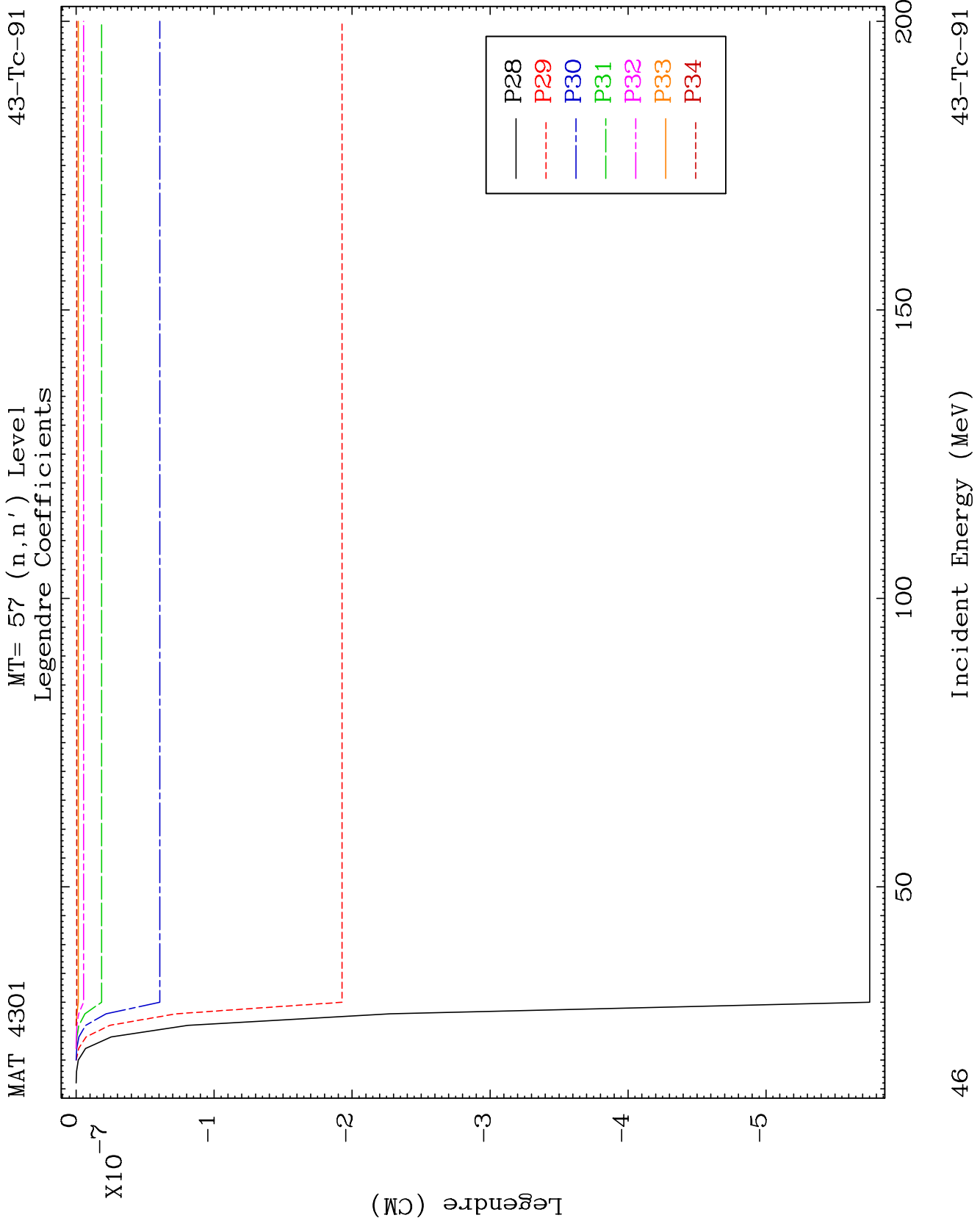


44

Incident Energy (MeV)

43-Tc-91

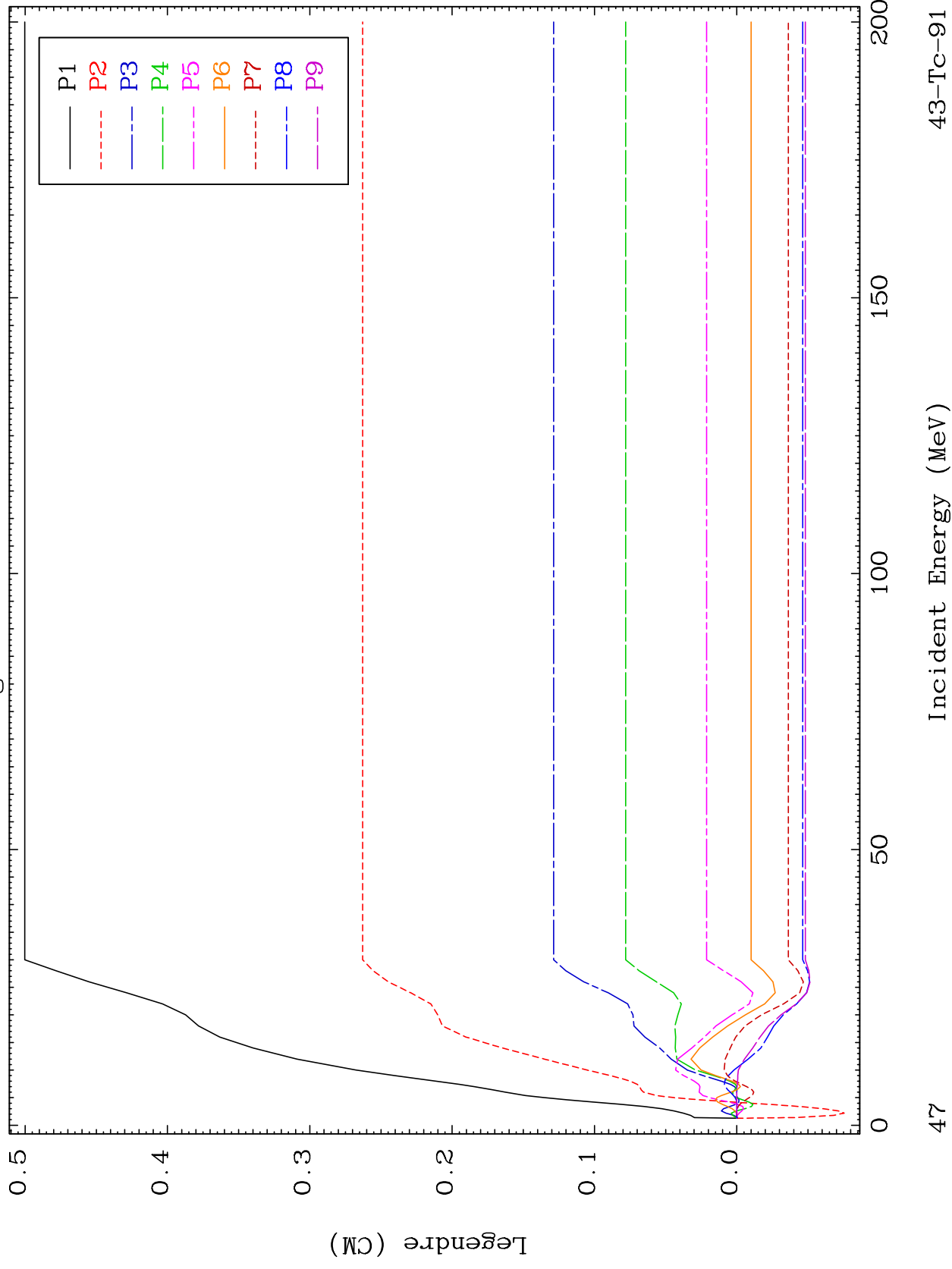




MAT 4301

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

43-Tc-91



47

Incident Energy (MeV)

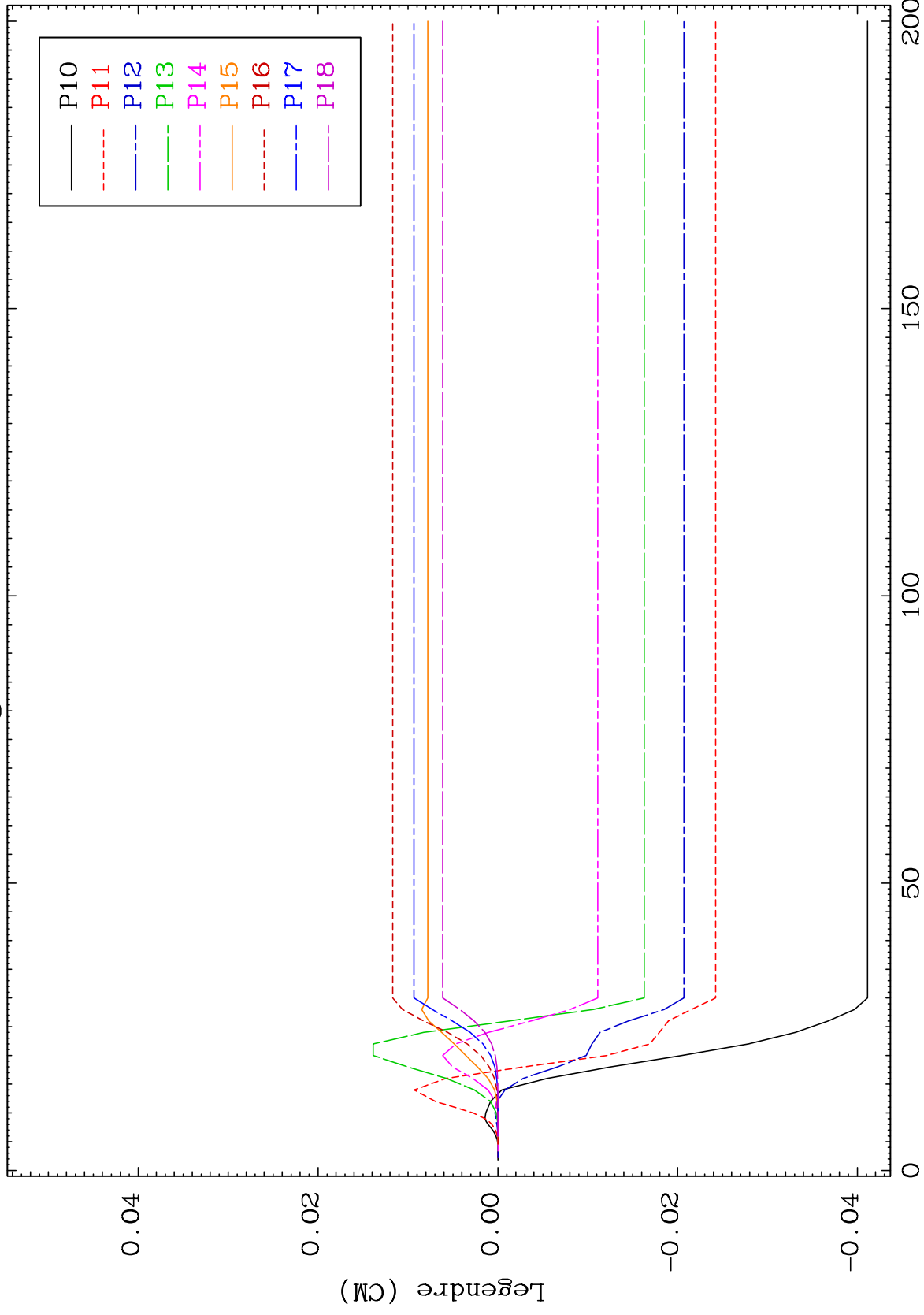
43-Tc-91



MAT 4301

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

43-Tc-91



48

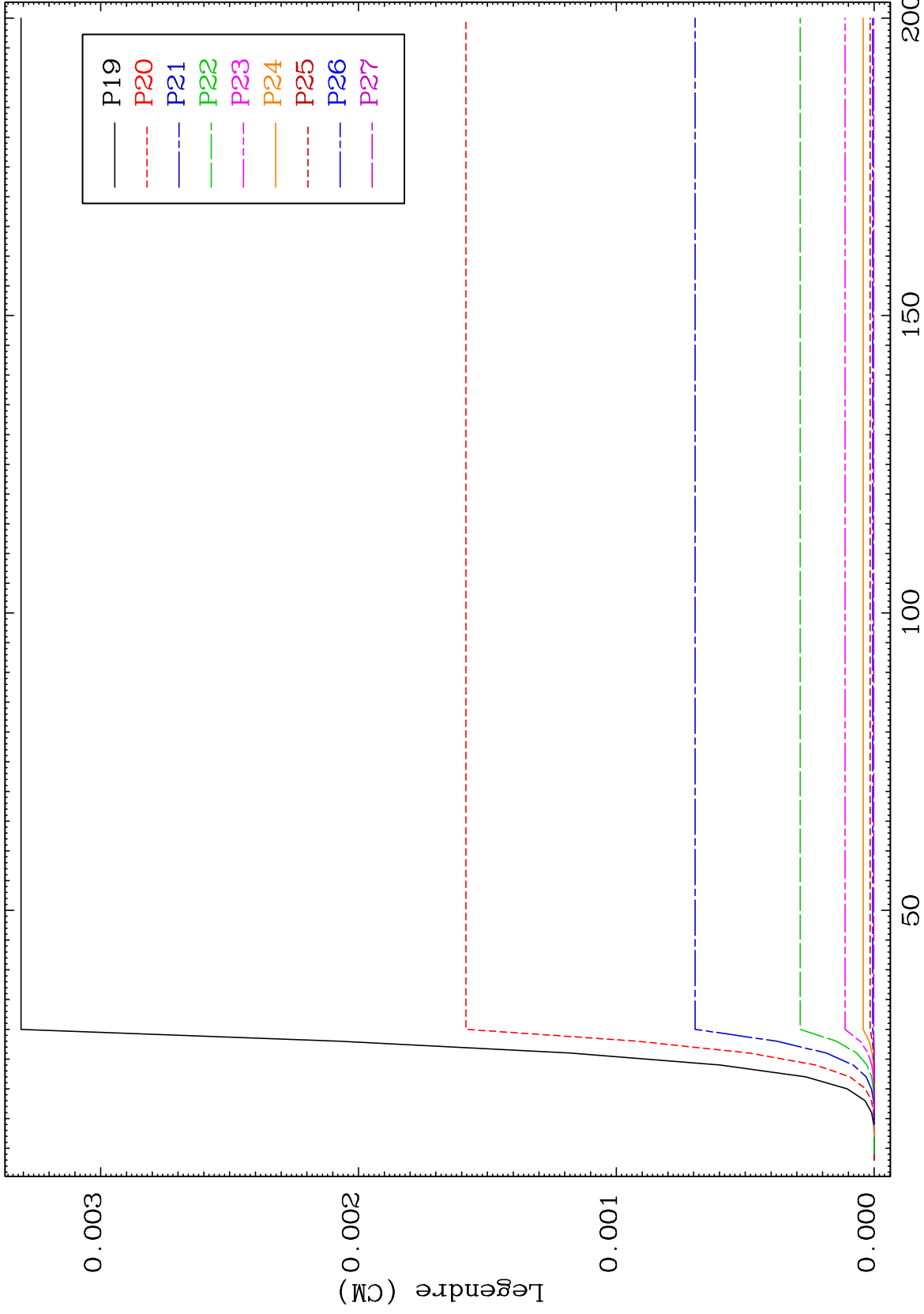
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



49

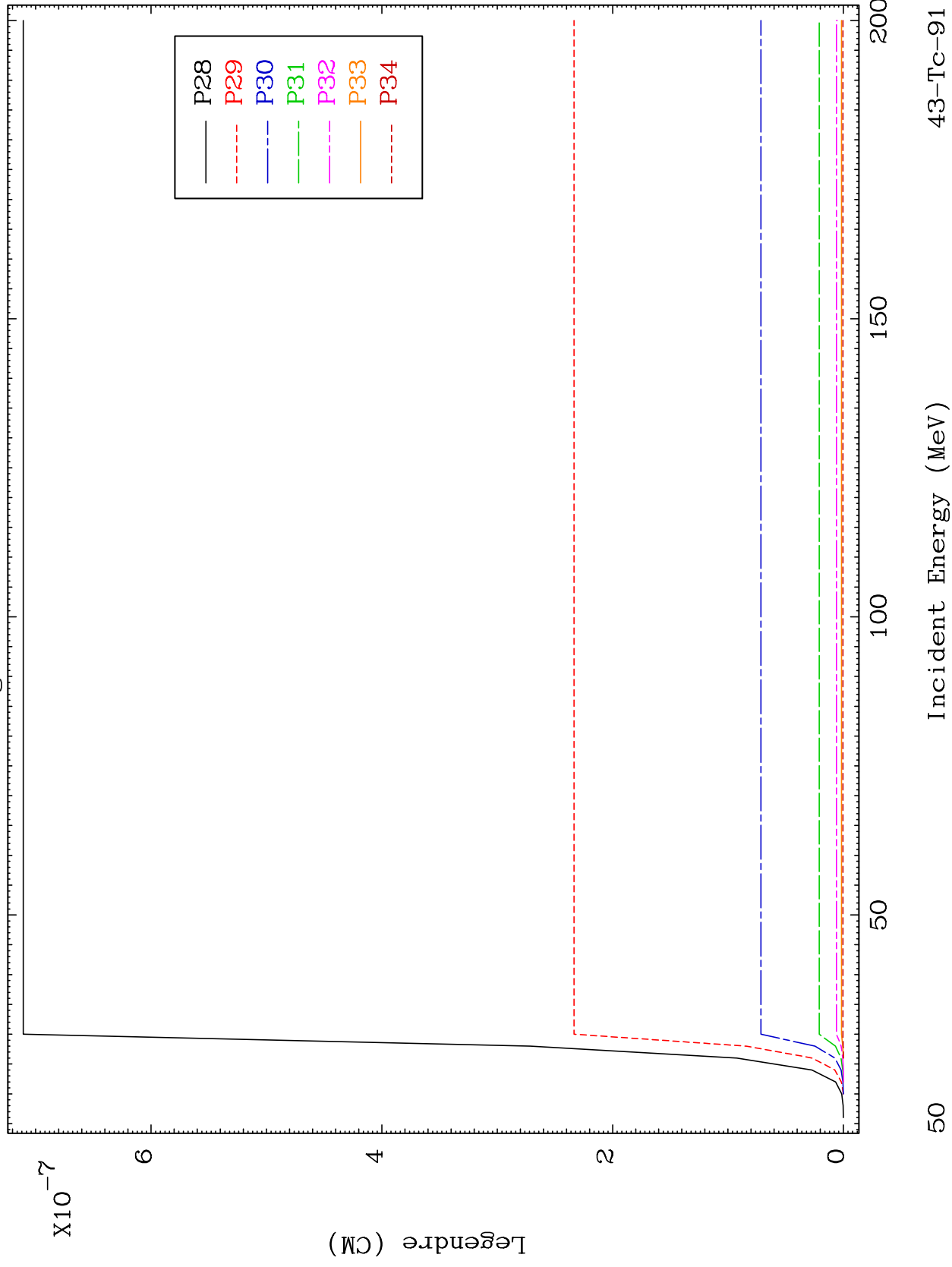
Incident Energy (MeV)

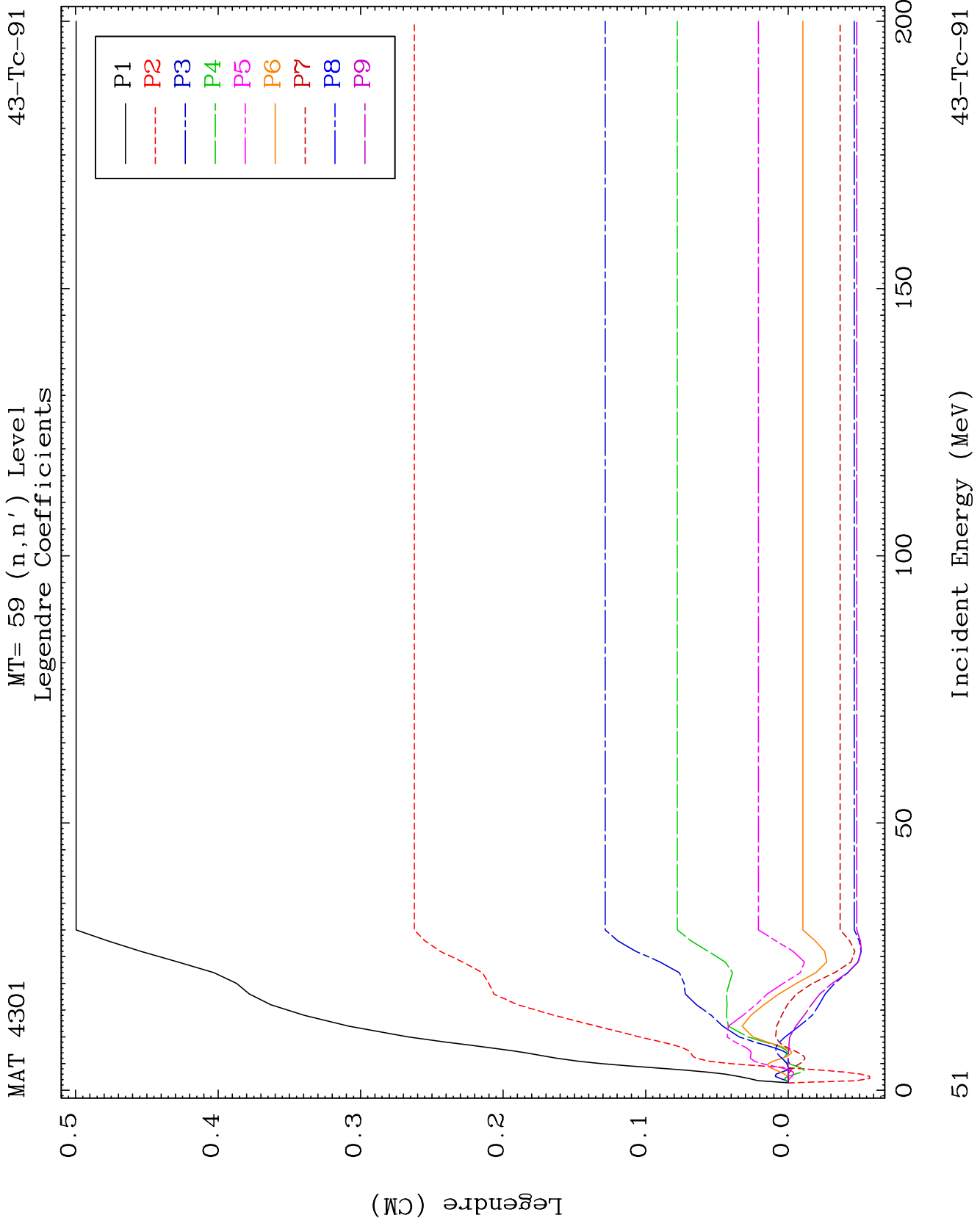
43-Tc-91

MAT 4301

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

43-Tc-91

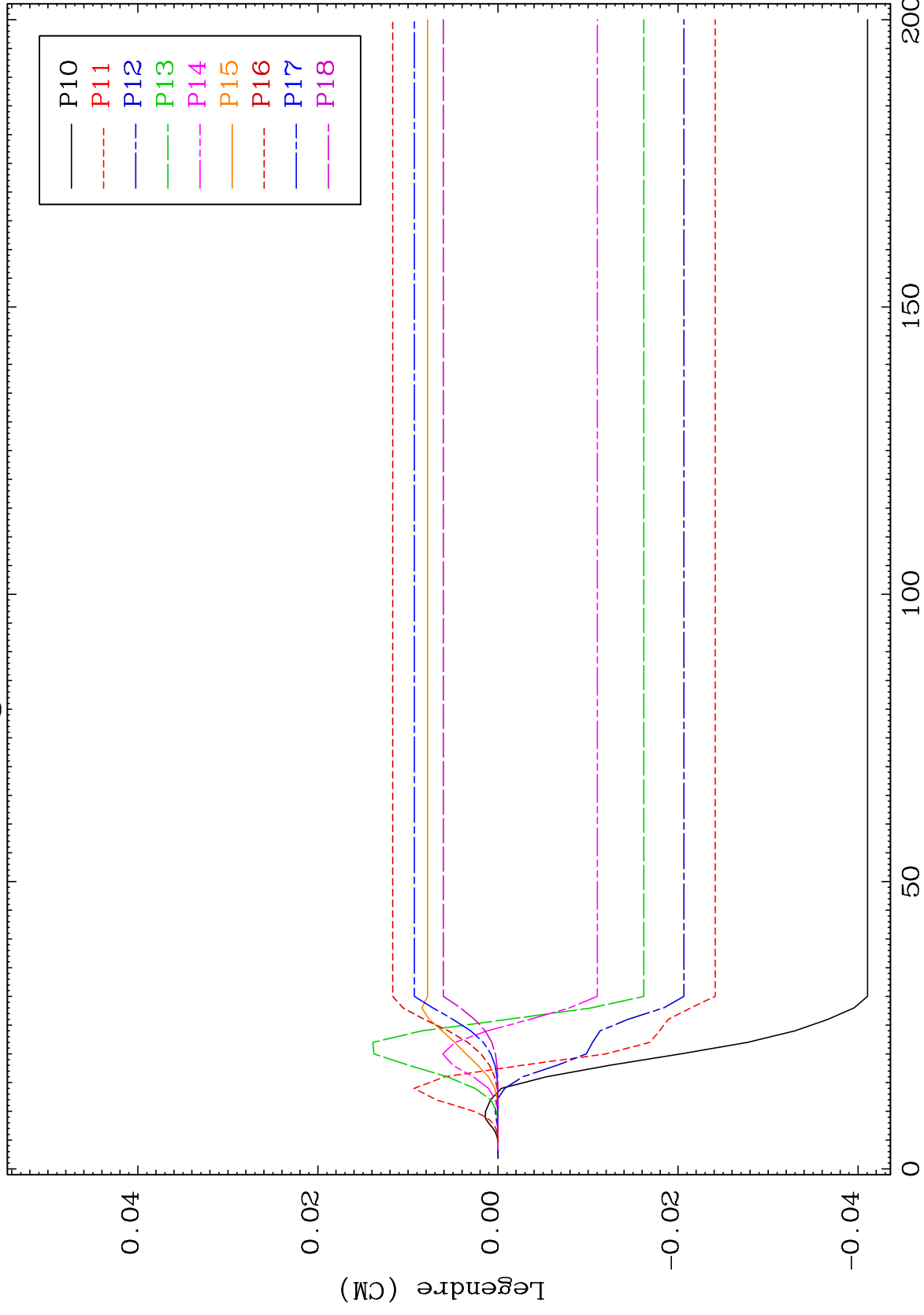




MAT 4301

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

43-Tc-91



52

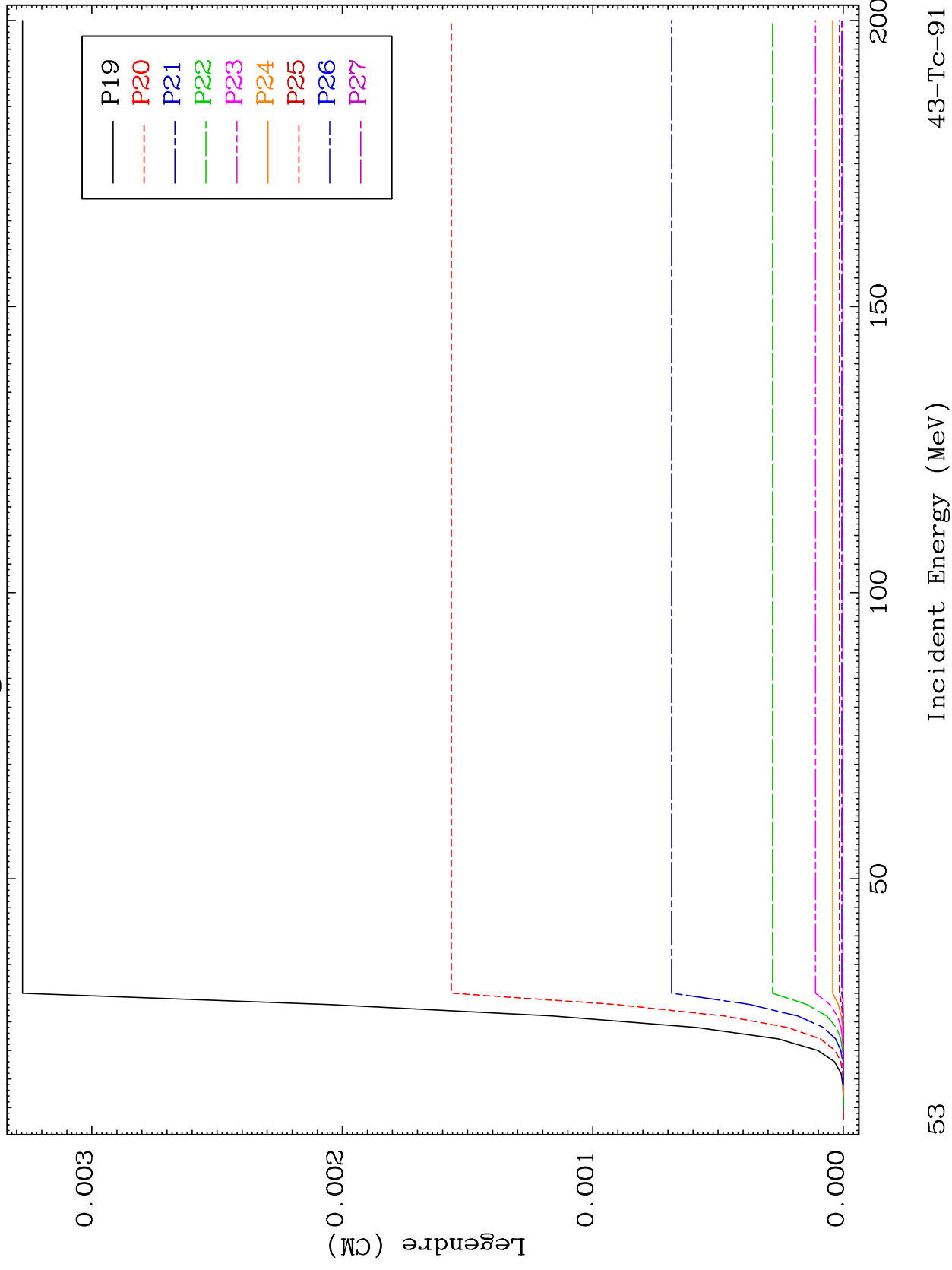
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



53

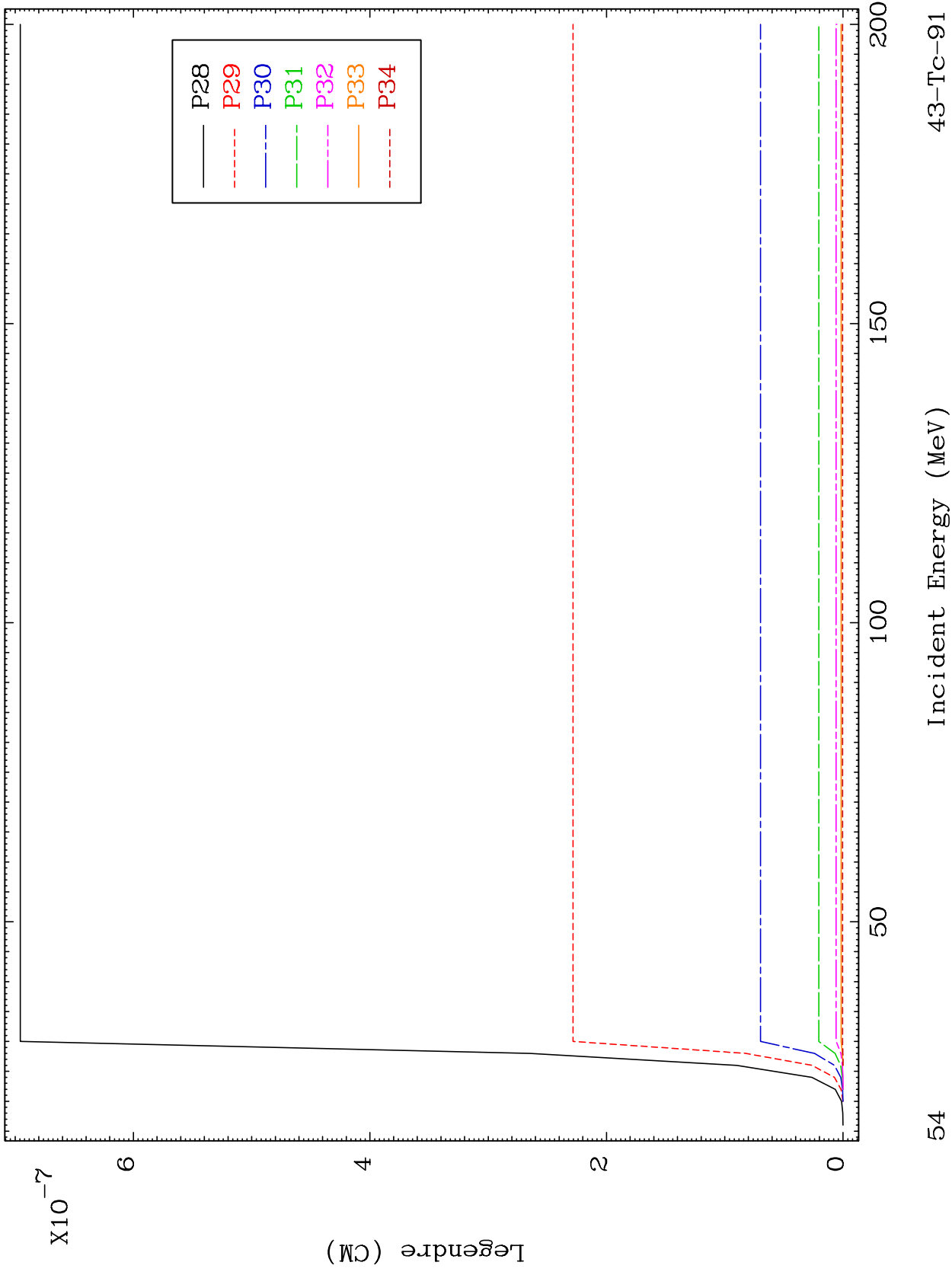
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



54

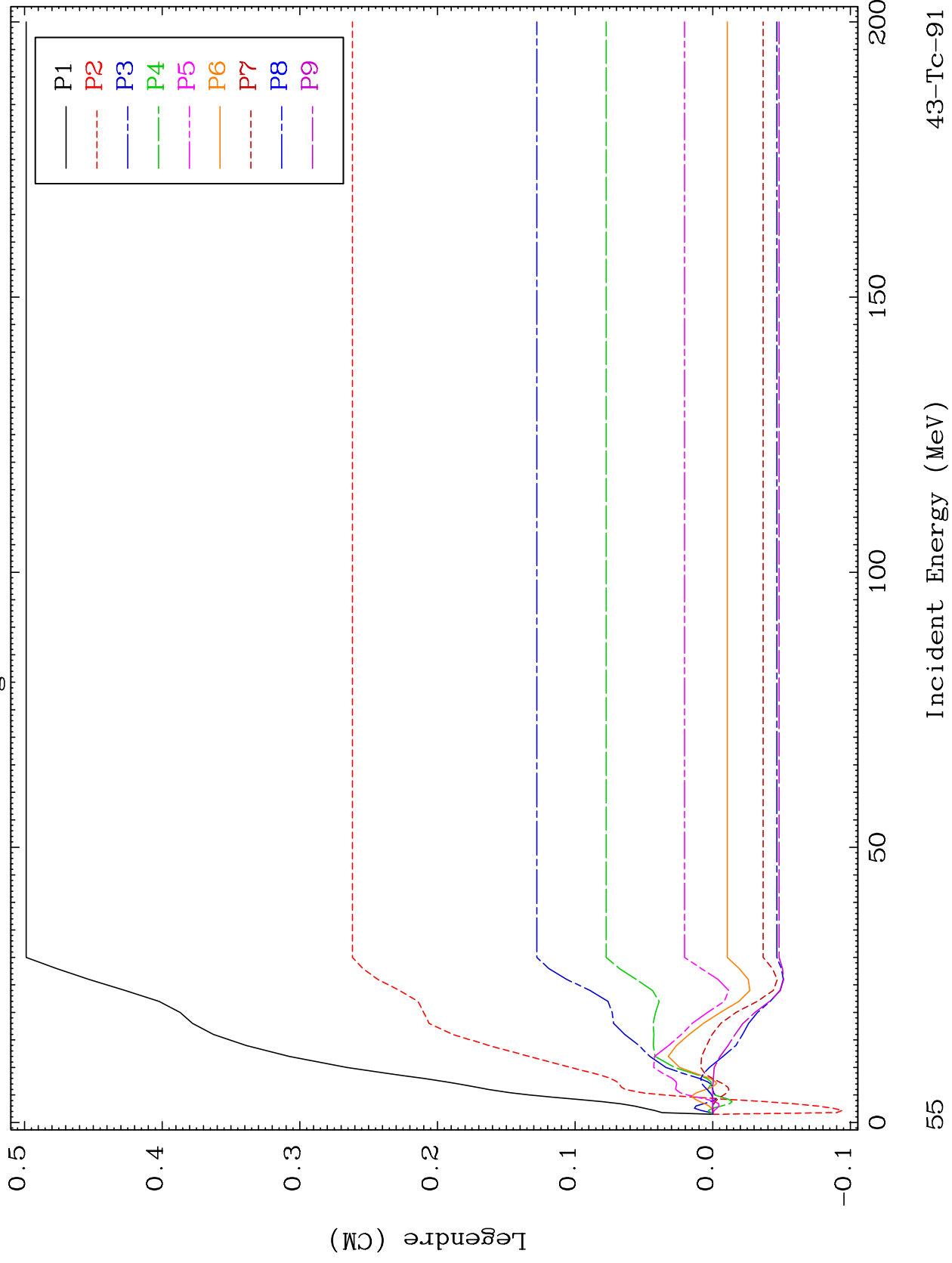
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



43-Tc-91

Incident Energy (MeV)

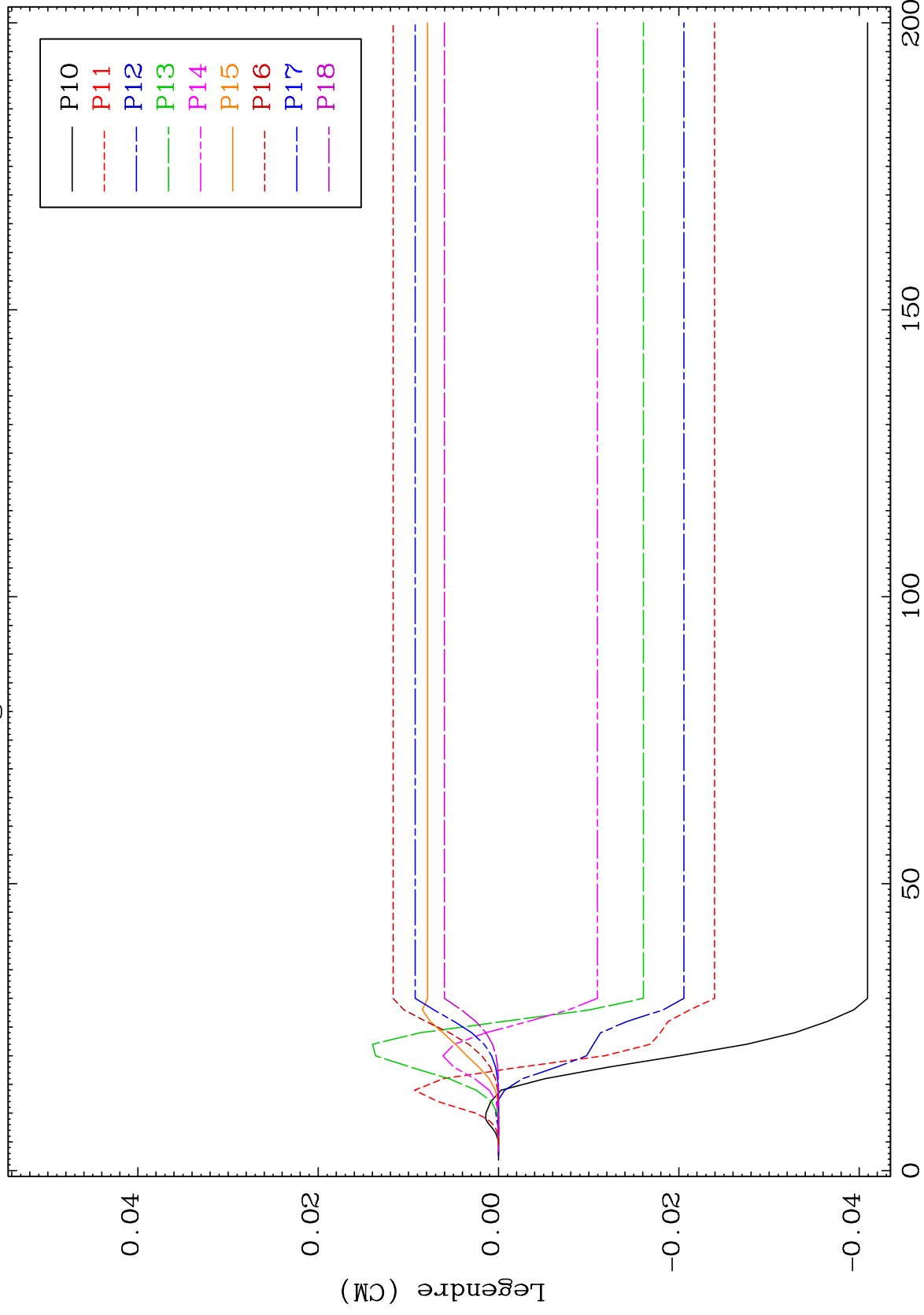
55



MAT 4301

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

43-Tc-91



56

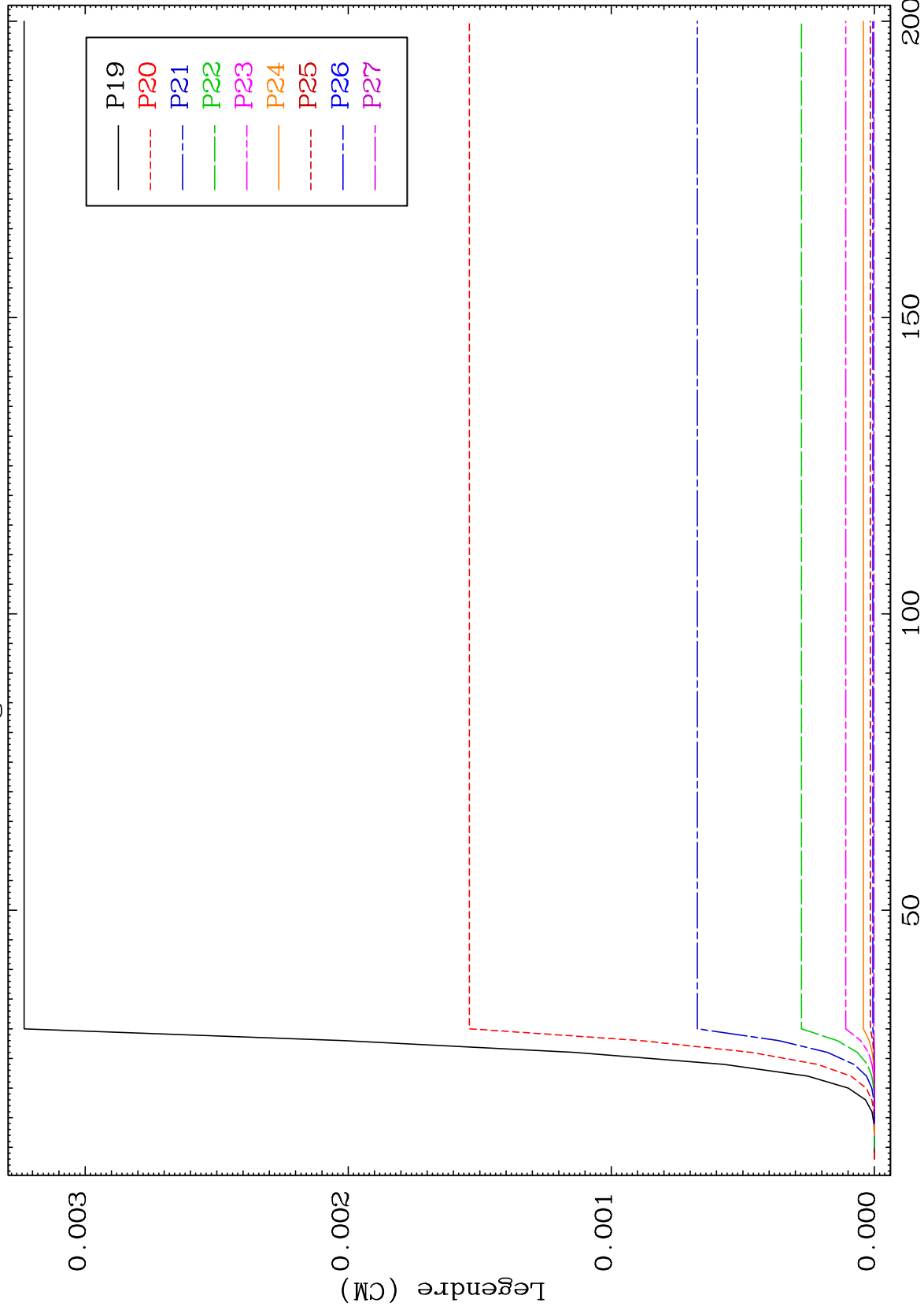
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



57

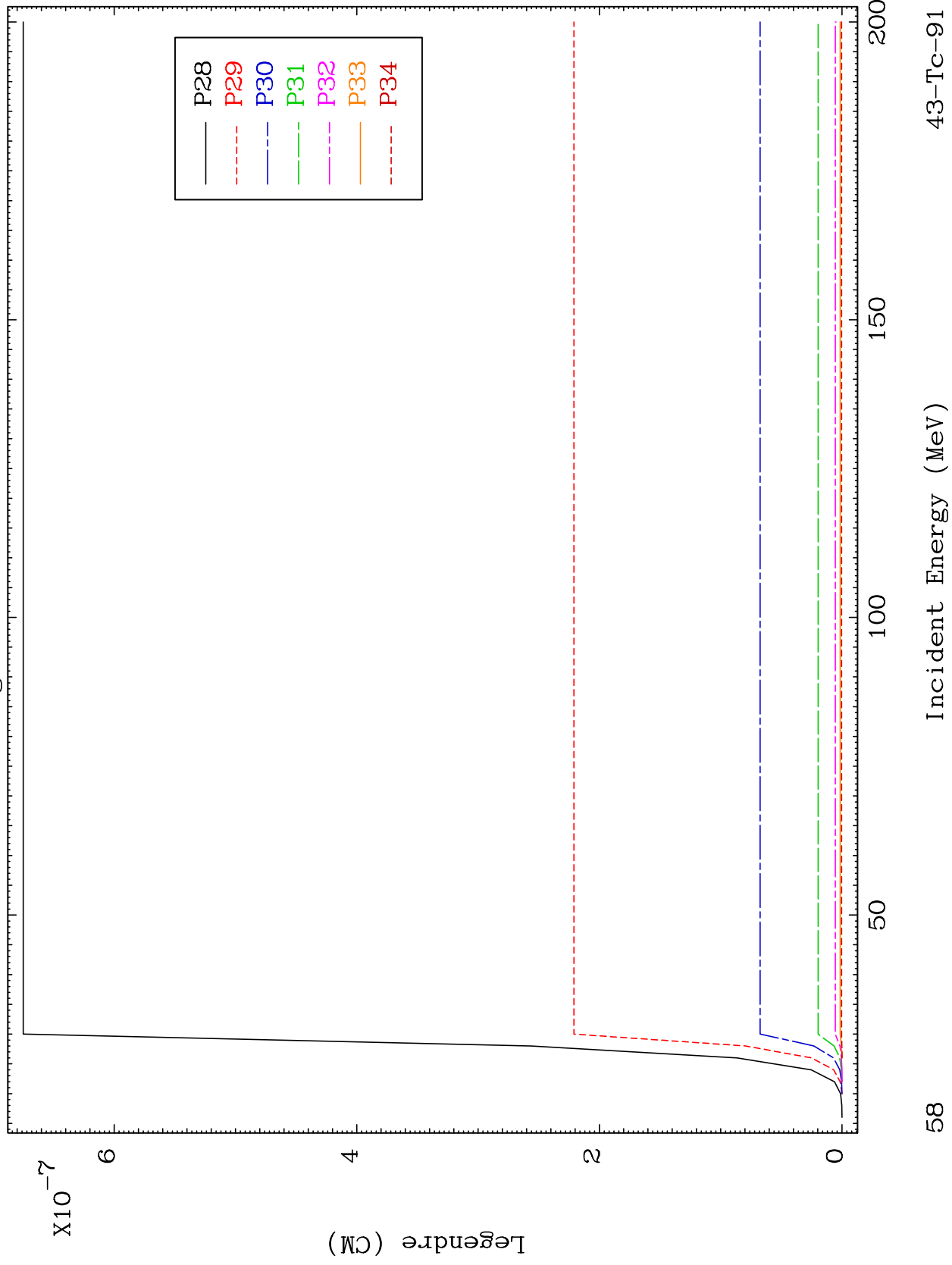
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



58

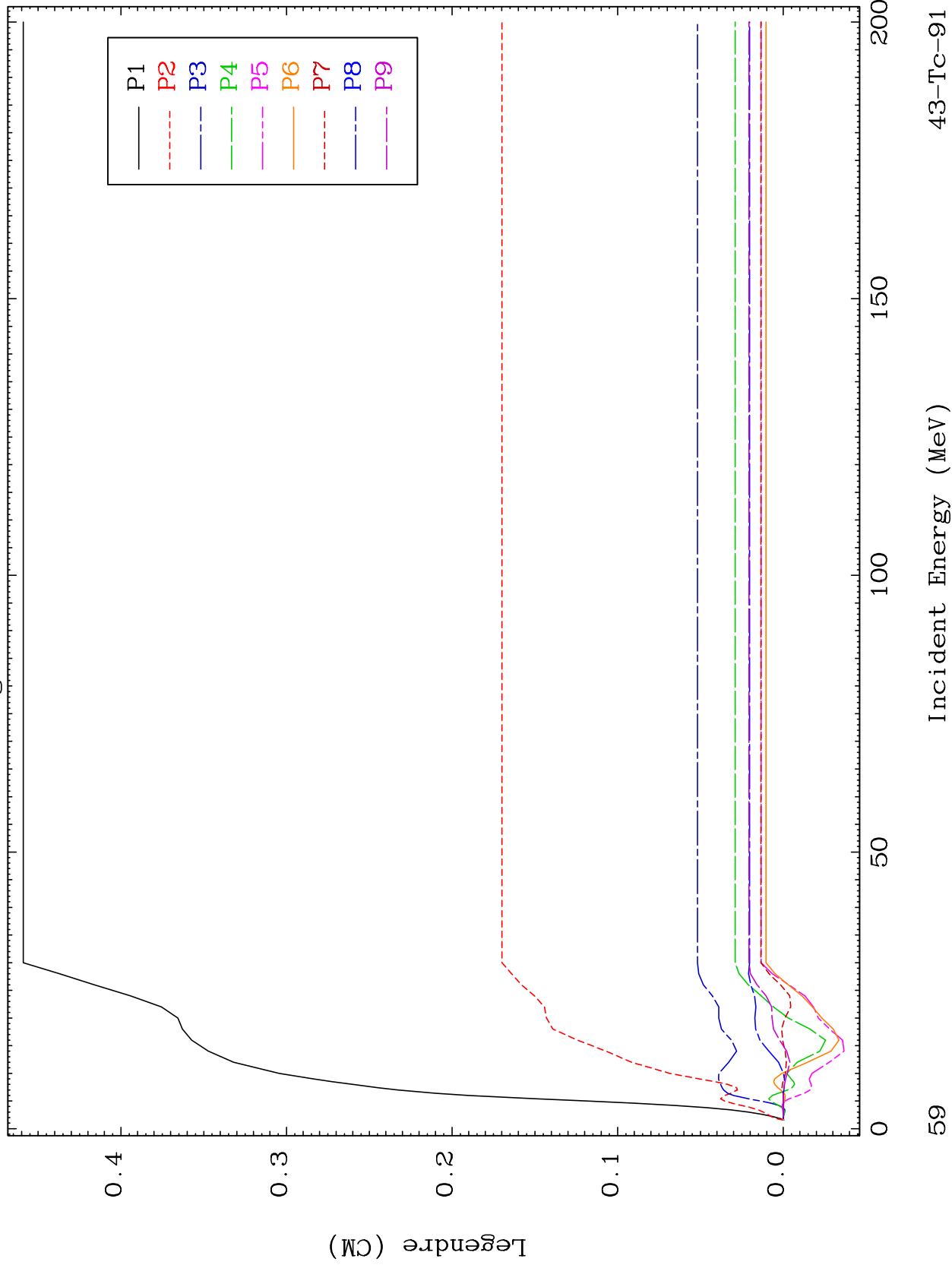
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



43-Tc-91

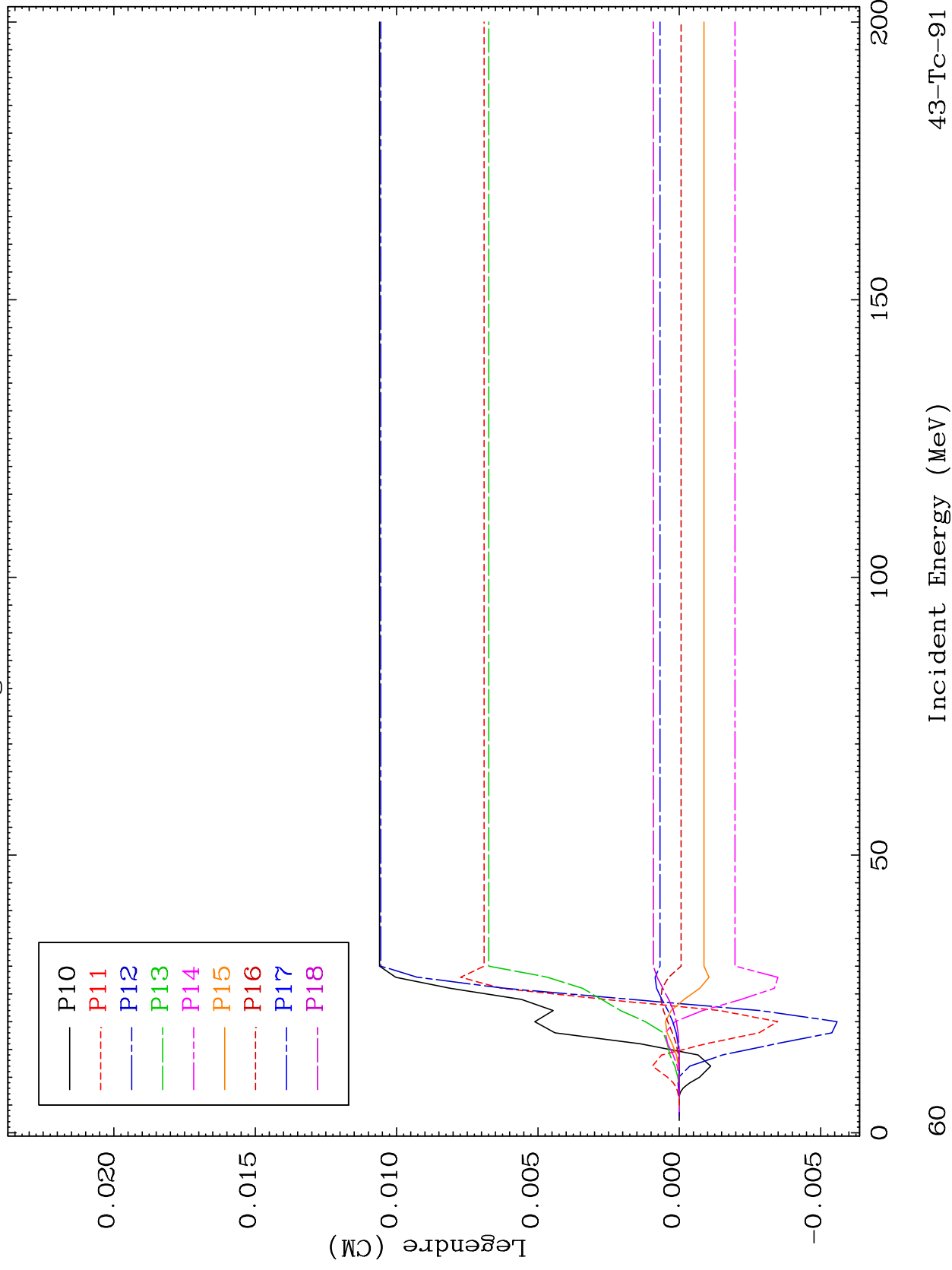
Incident Energy (MeV)

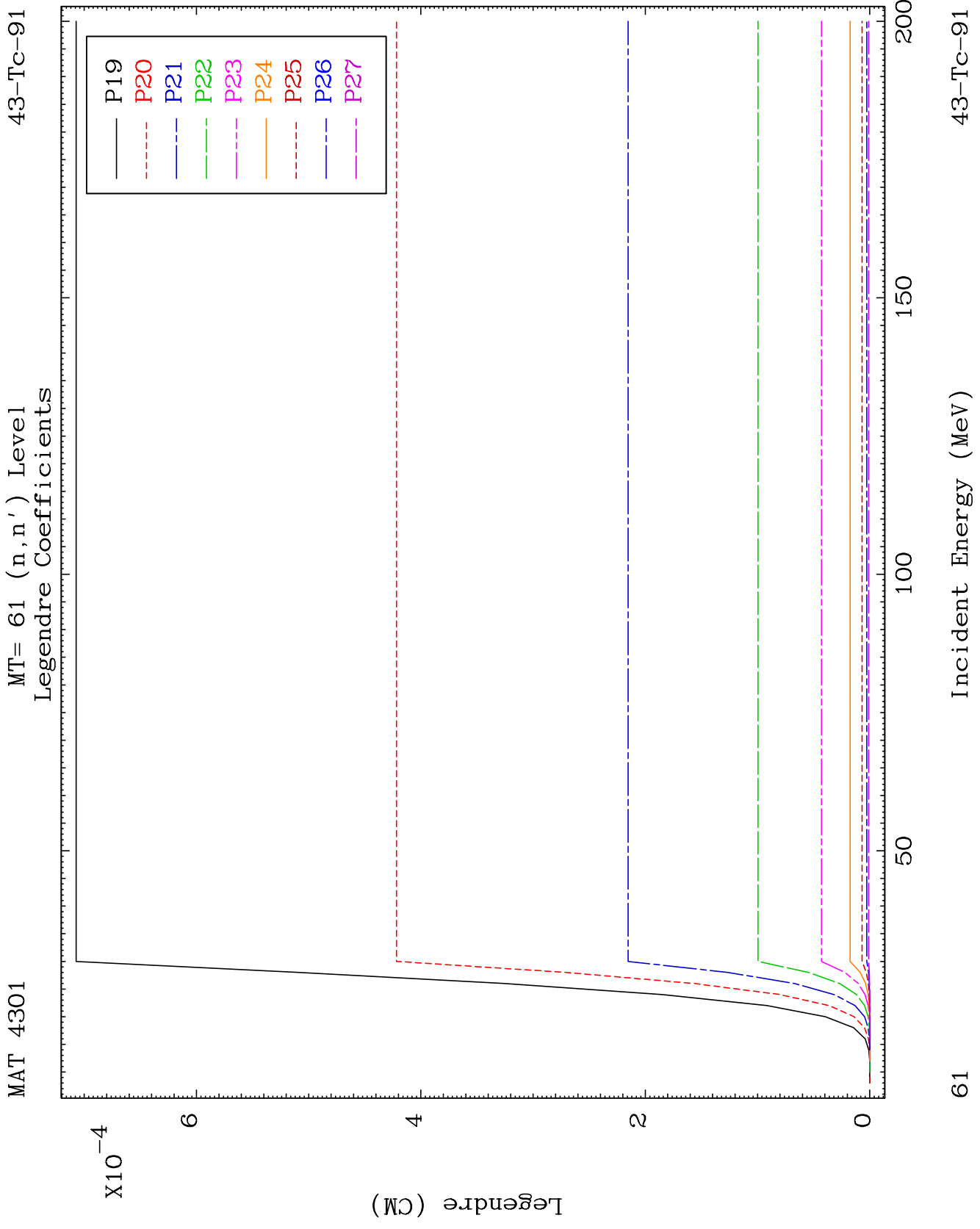
59

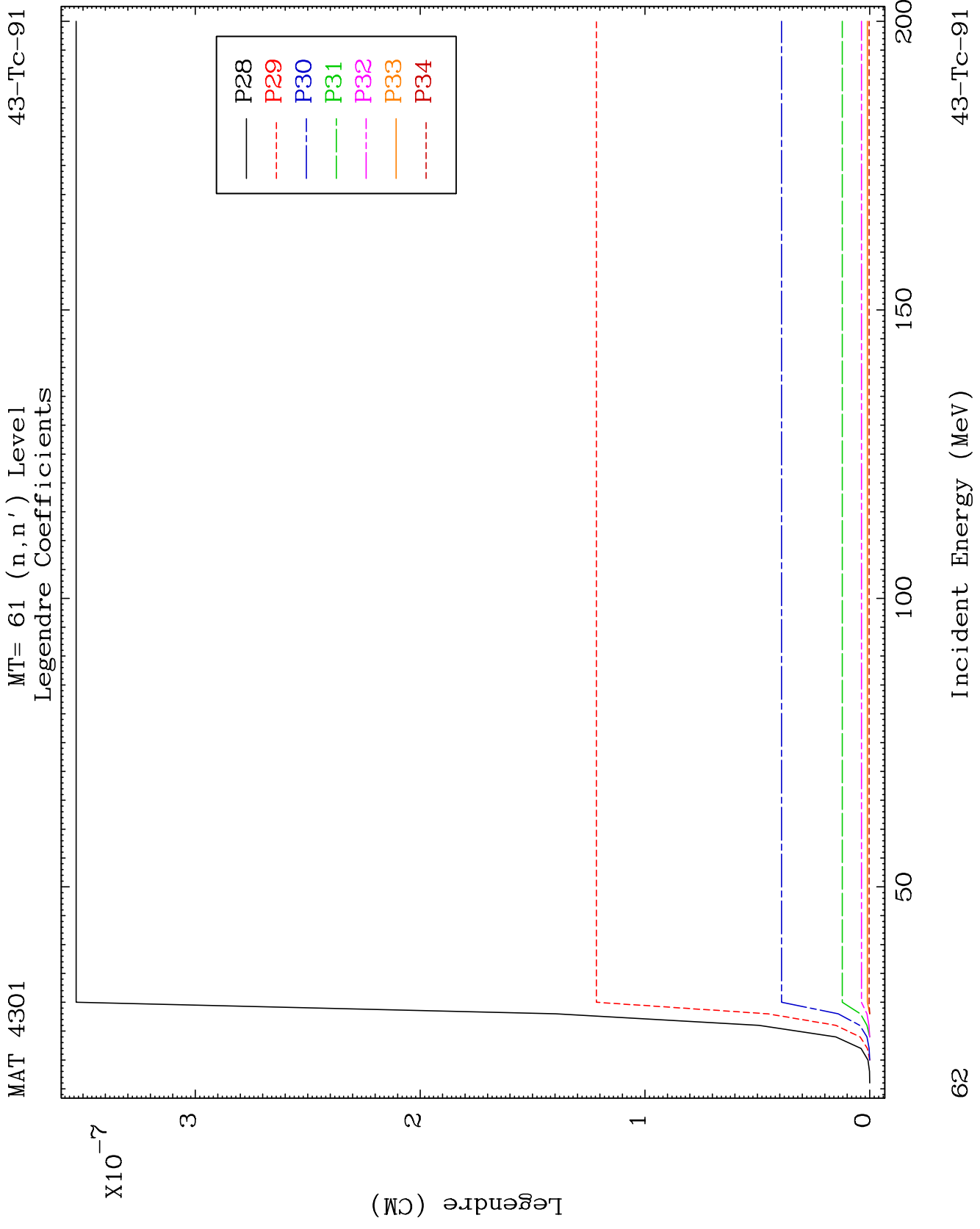
MAT 4301

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

43-Tc-91







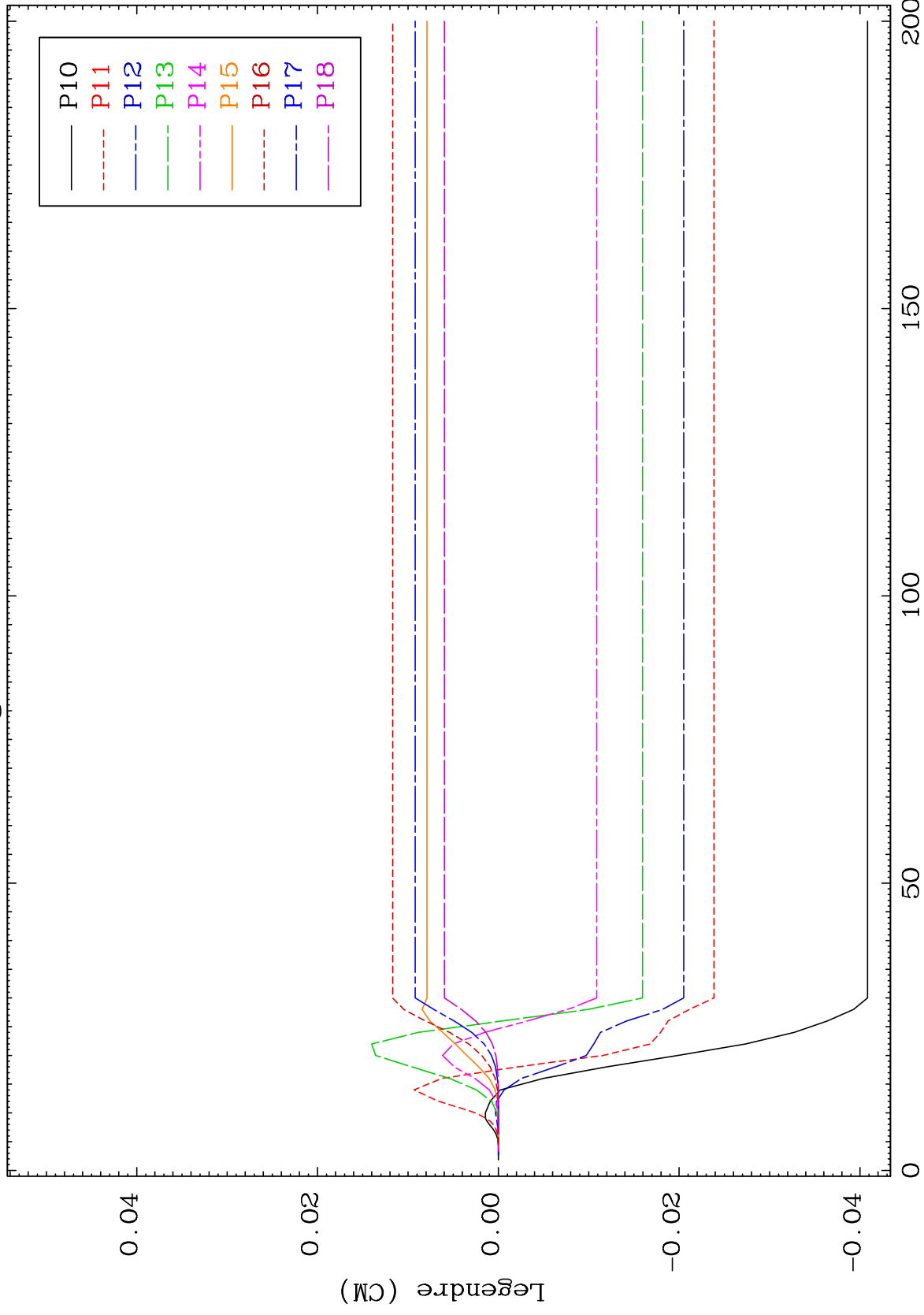




MAT 4301

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

43-Tc-91



64

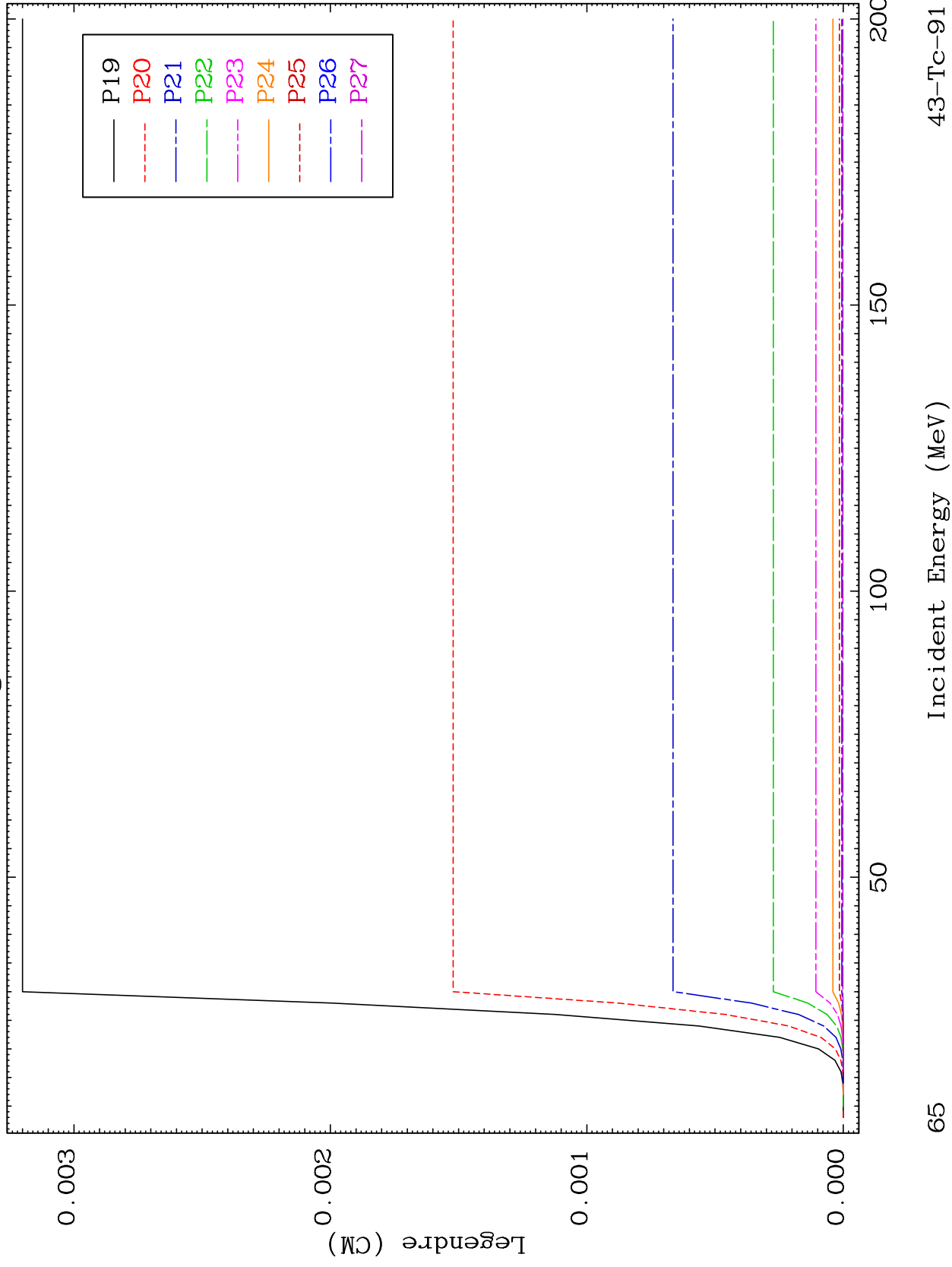
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



65

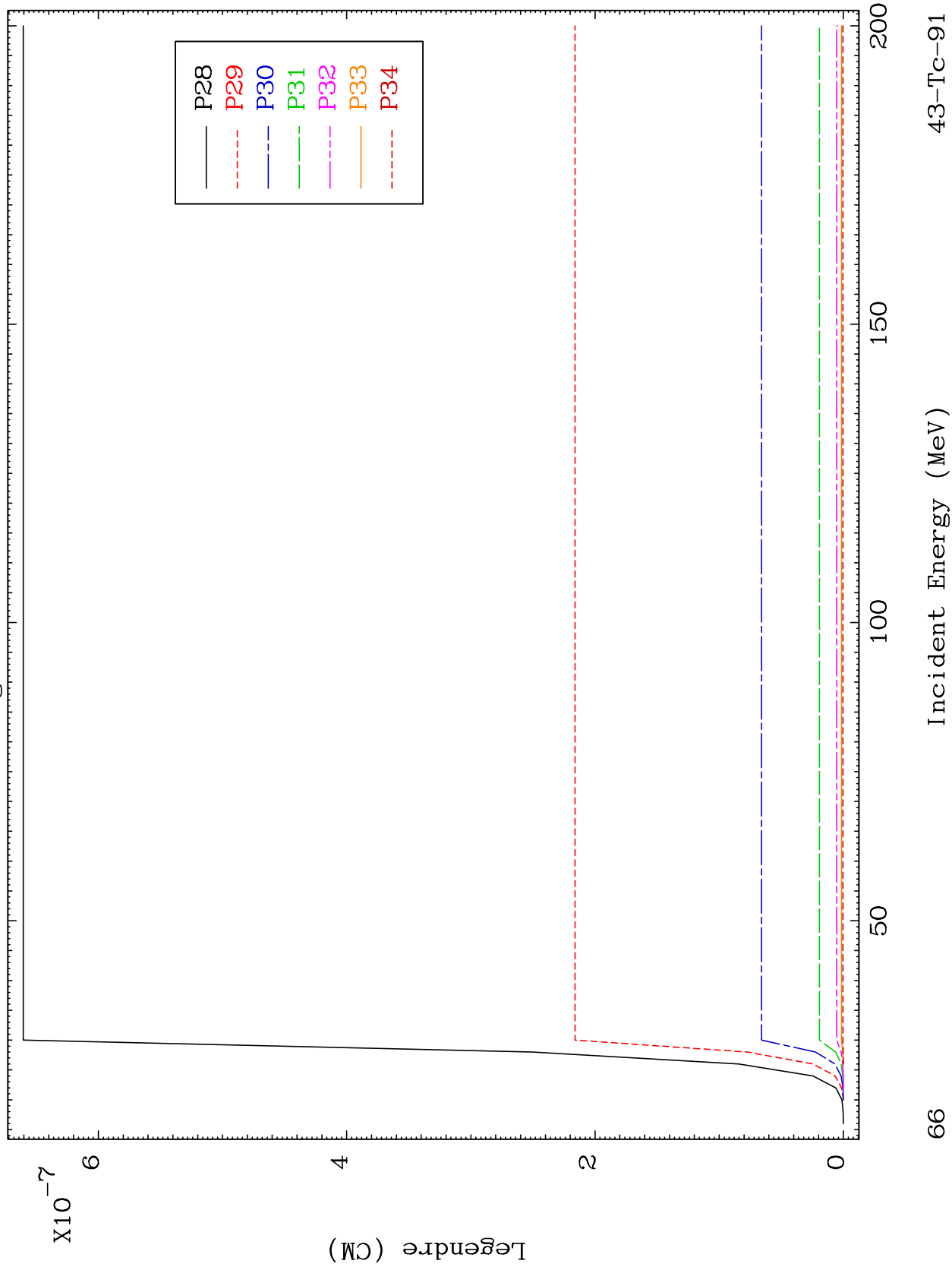
Incident Energy (MeV)

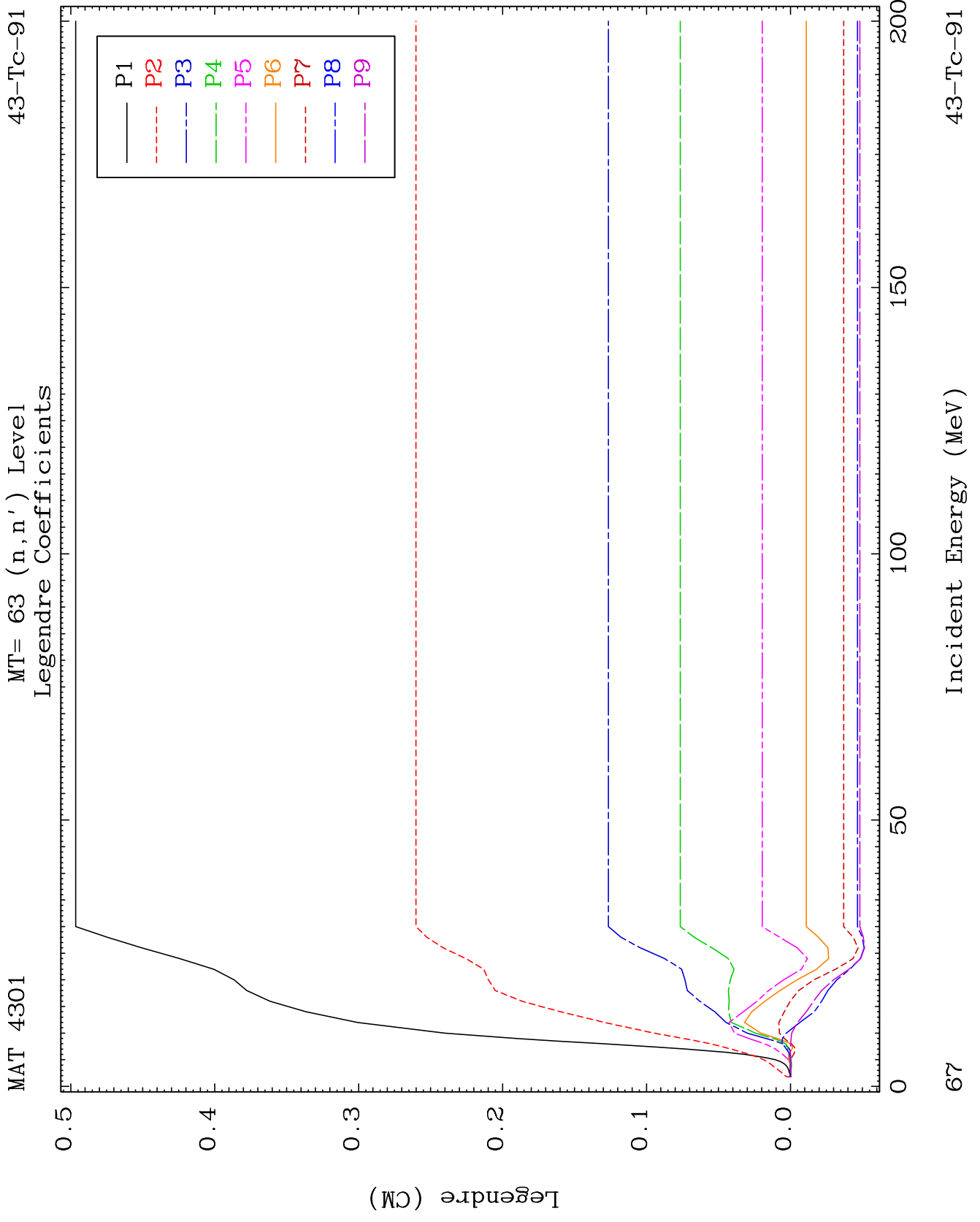
43-Tc-91

MAT 4301

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

43-Tc-91

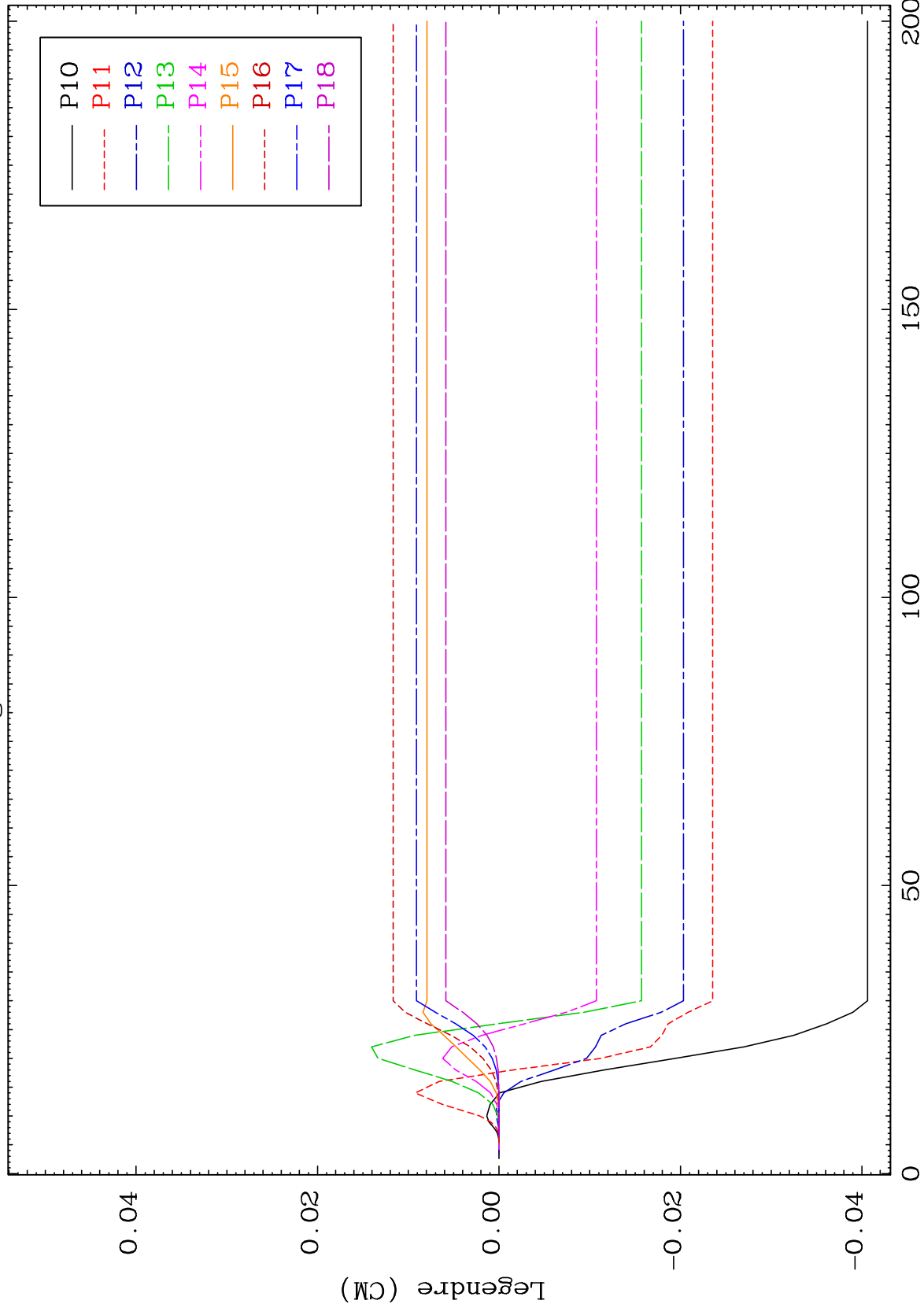




MAT 4301

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

43-Tc-91



68

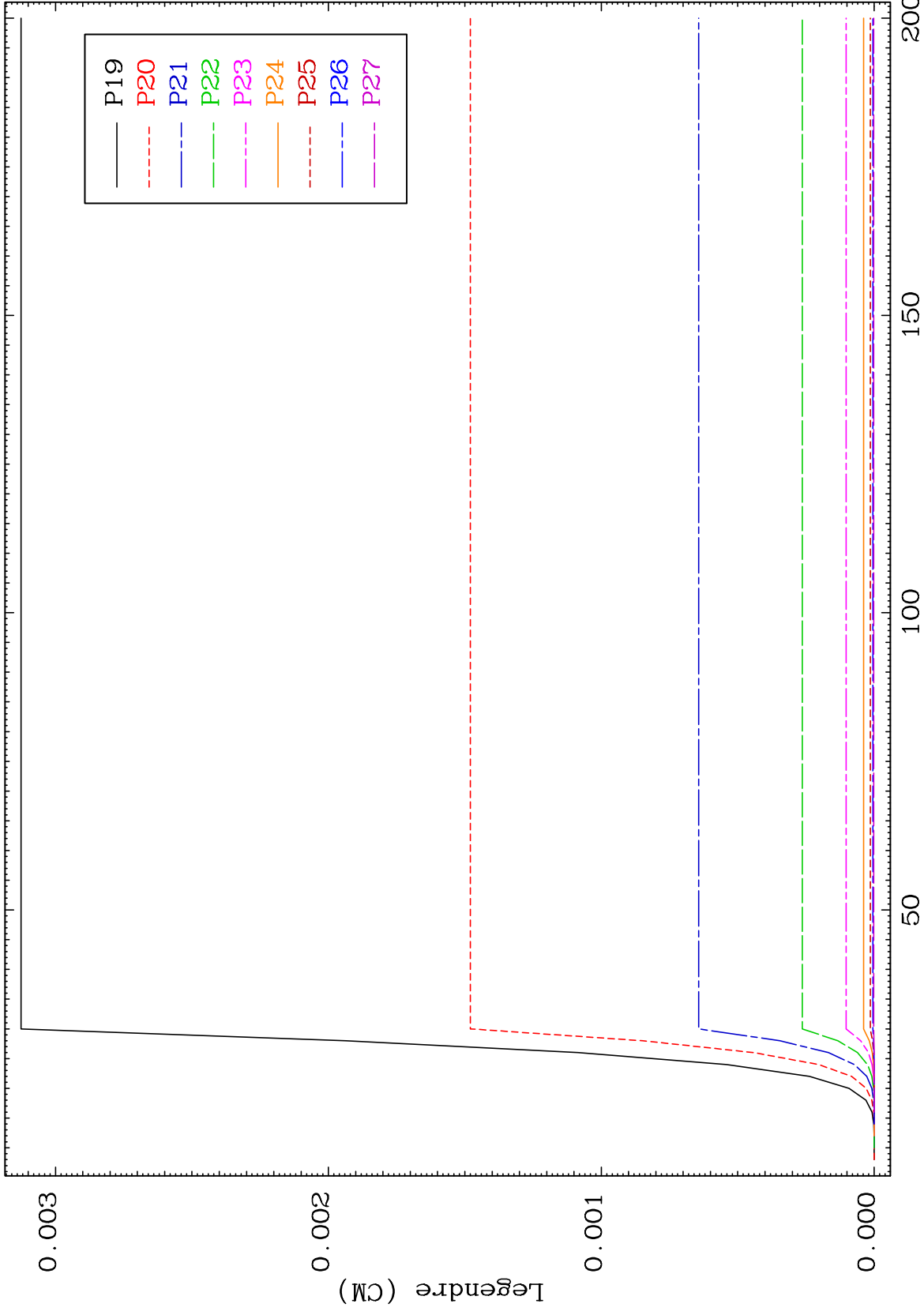
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



69

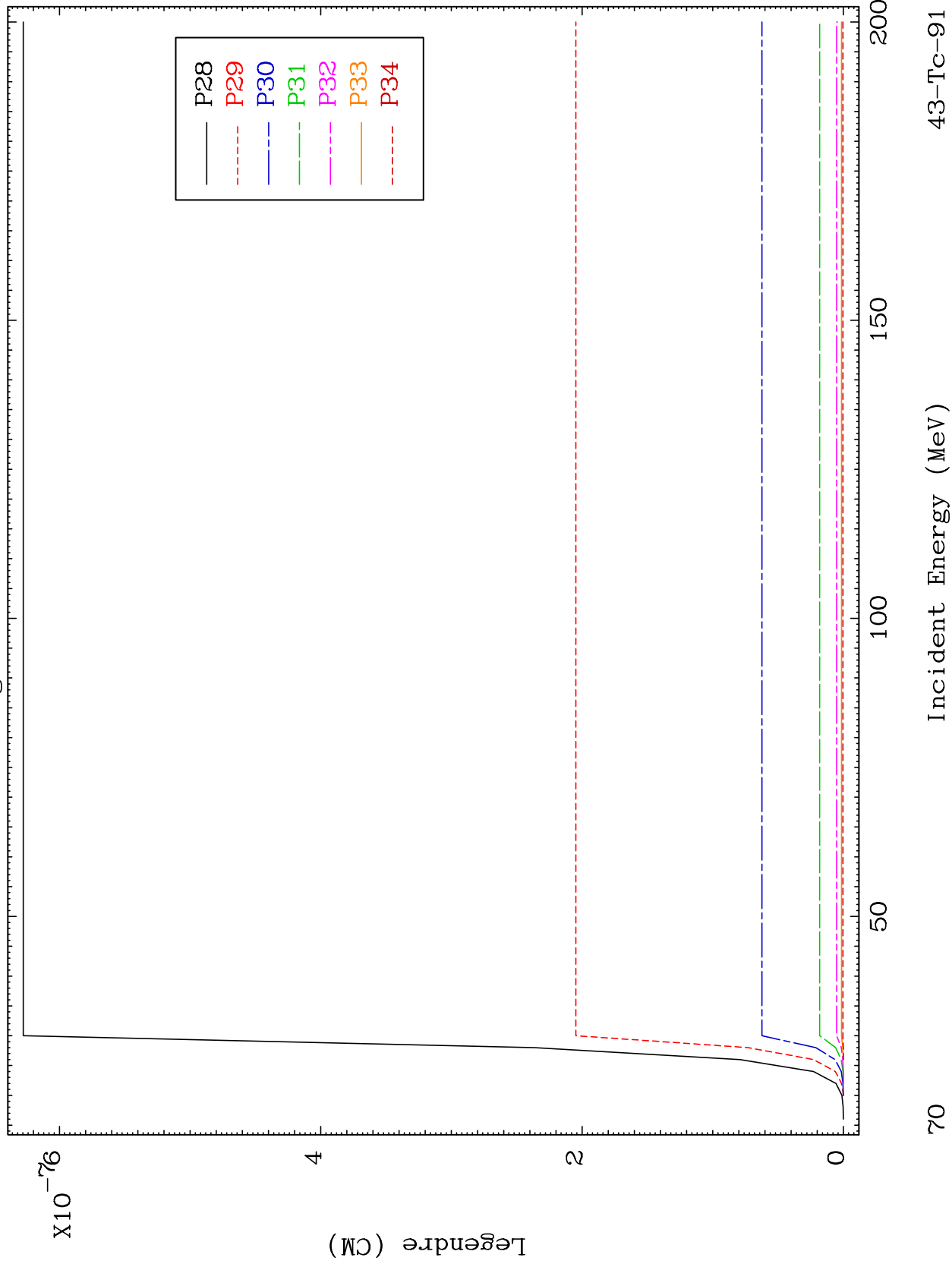
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

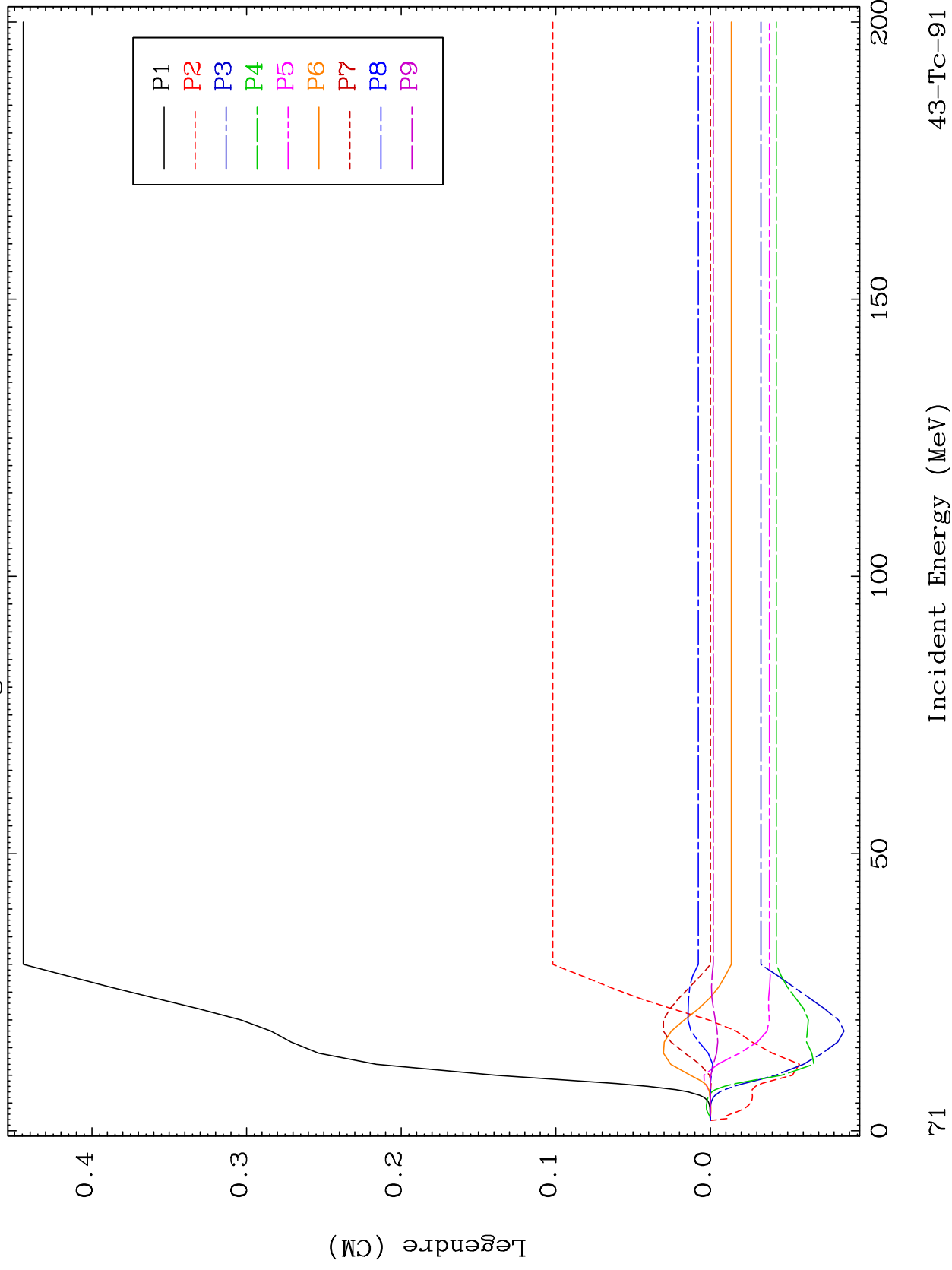
43-Tc-91



MAT 4301

MT= 64 (n,n') Level  
Legendre Coefficients

43-Tc-91

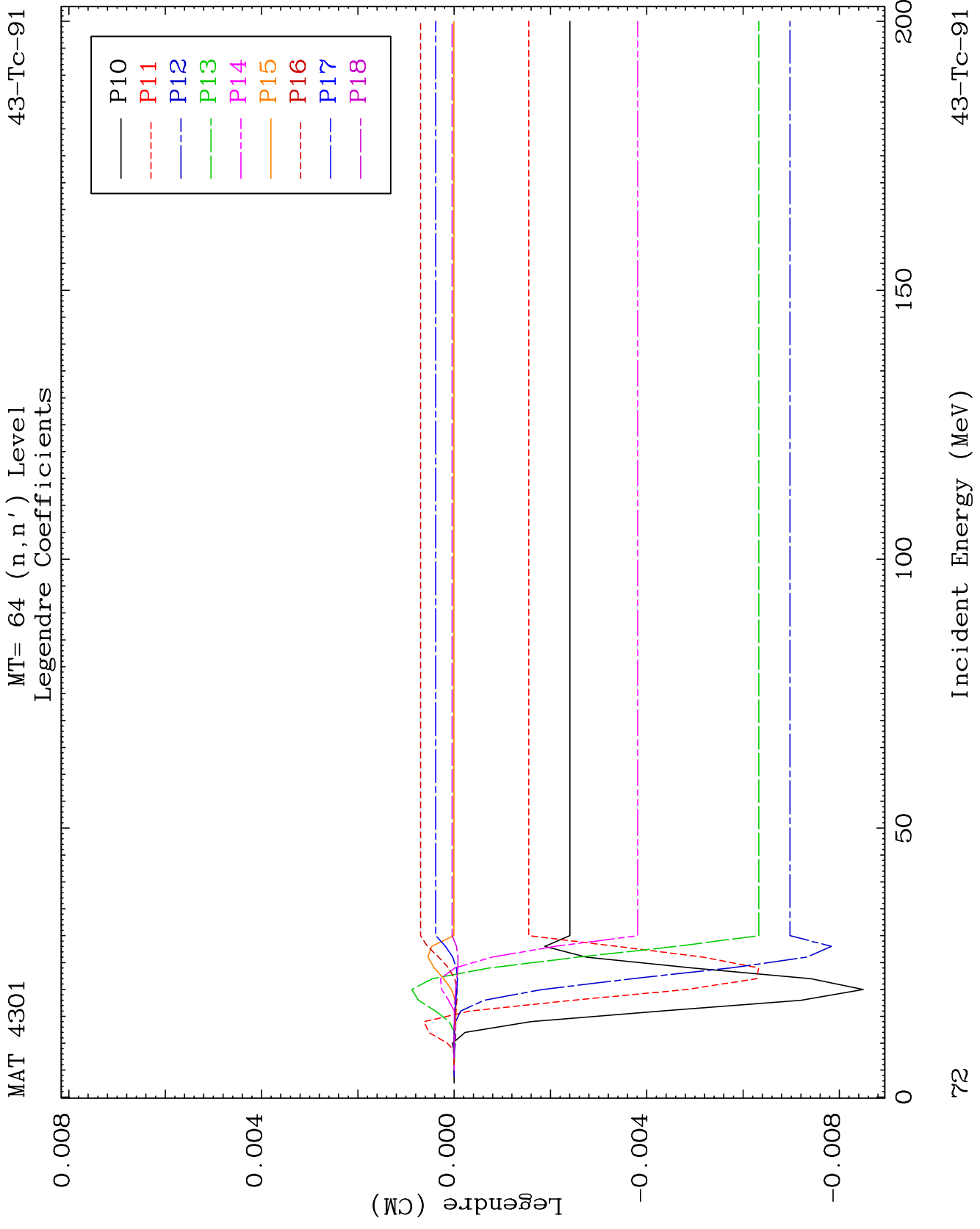


71

Incident Energy (MeV)

43-Tc-91

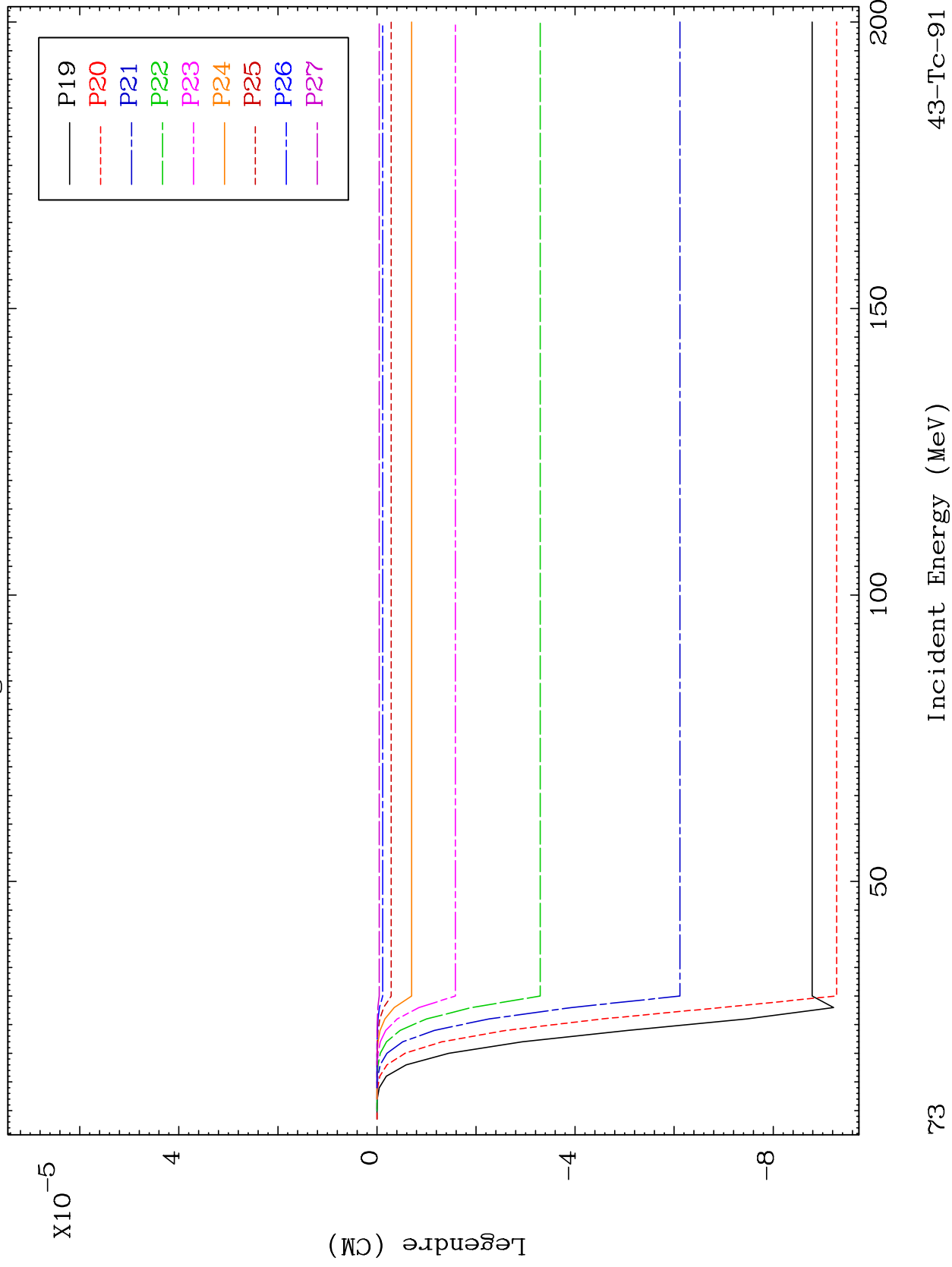


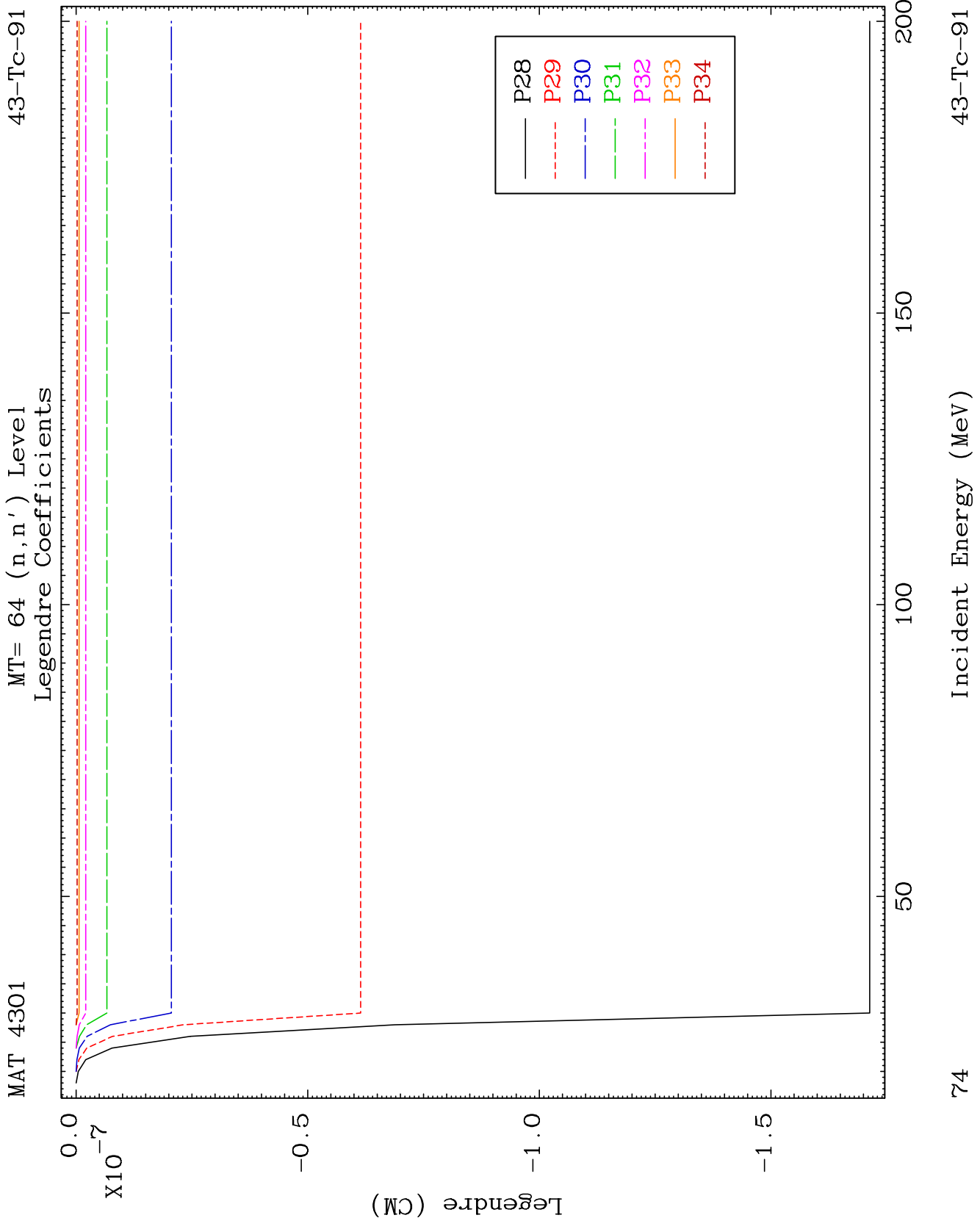


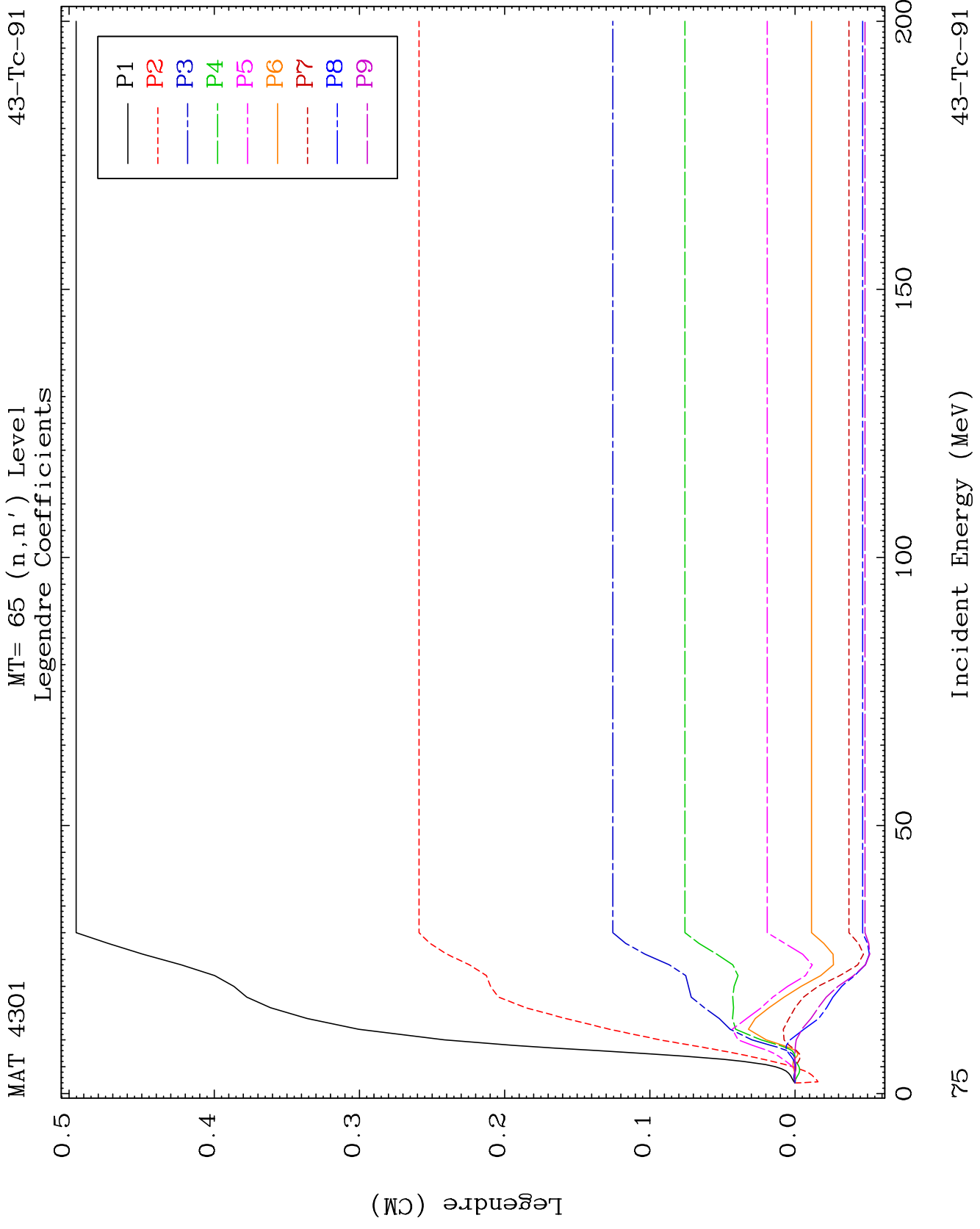
MAT 4301

MT= 64 (n,n') Level  
Legendre Coefficients

43-Tc-91



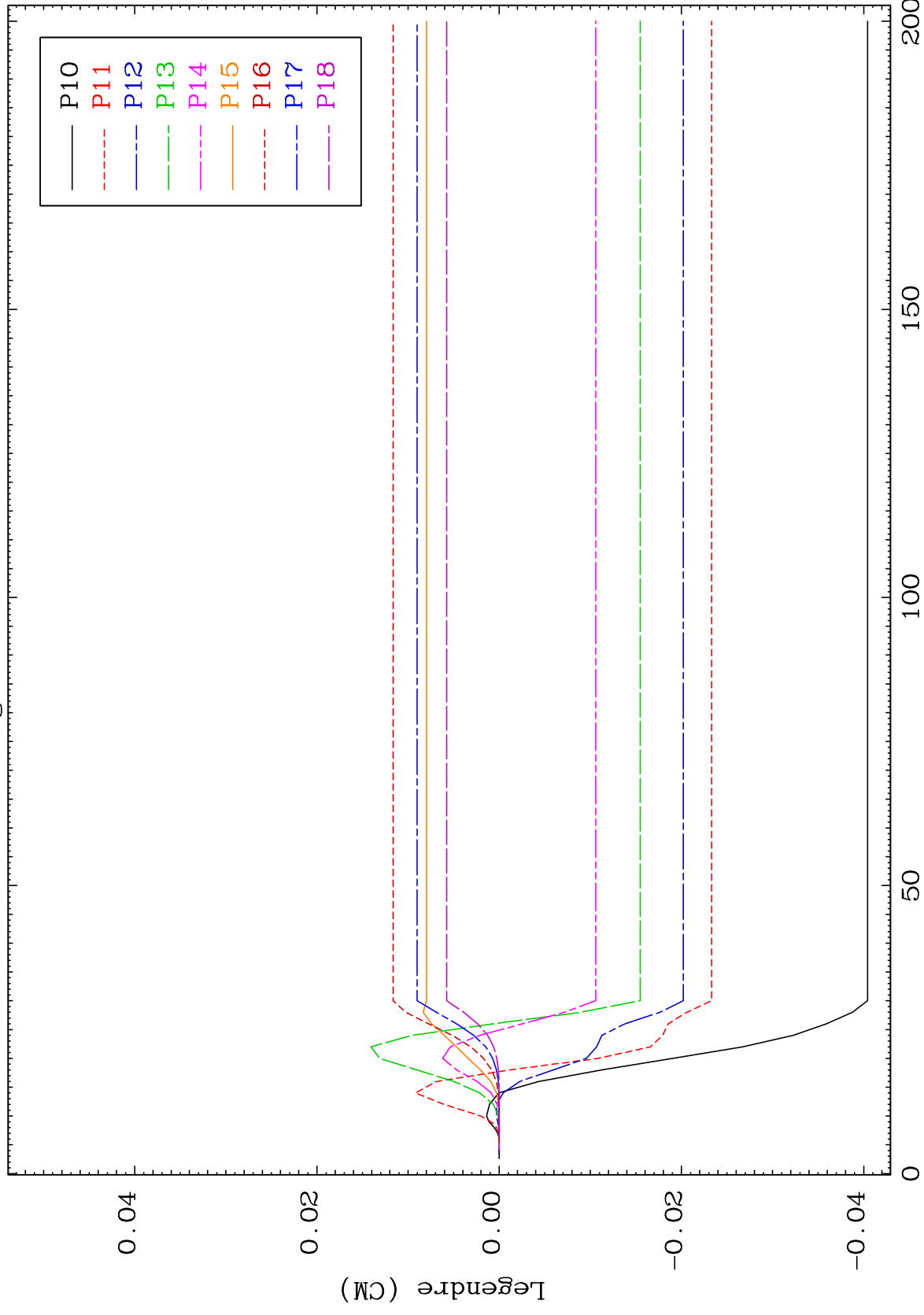




MAT 4301

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

43-Tc-91



76

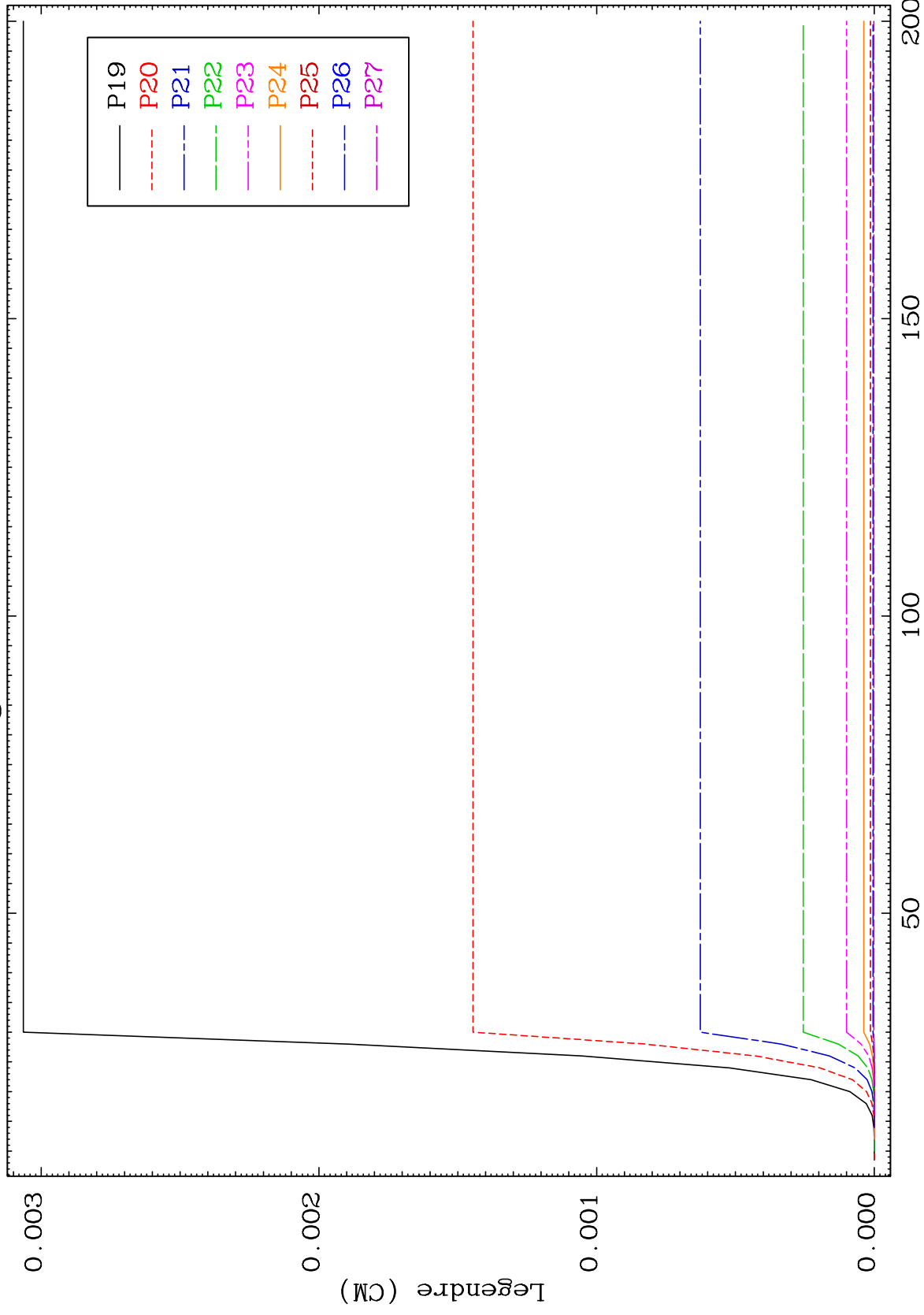
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



77

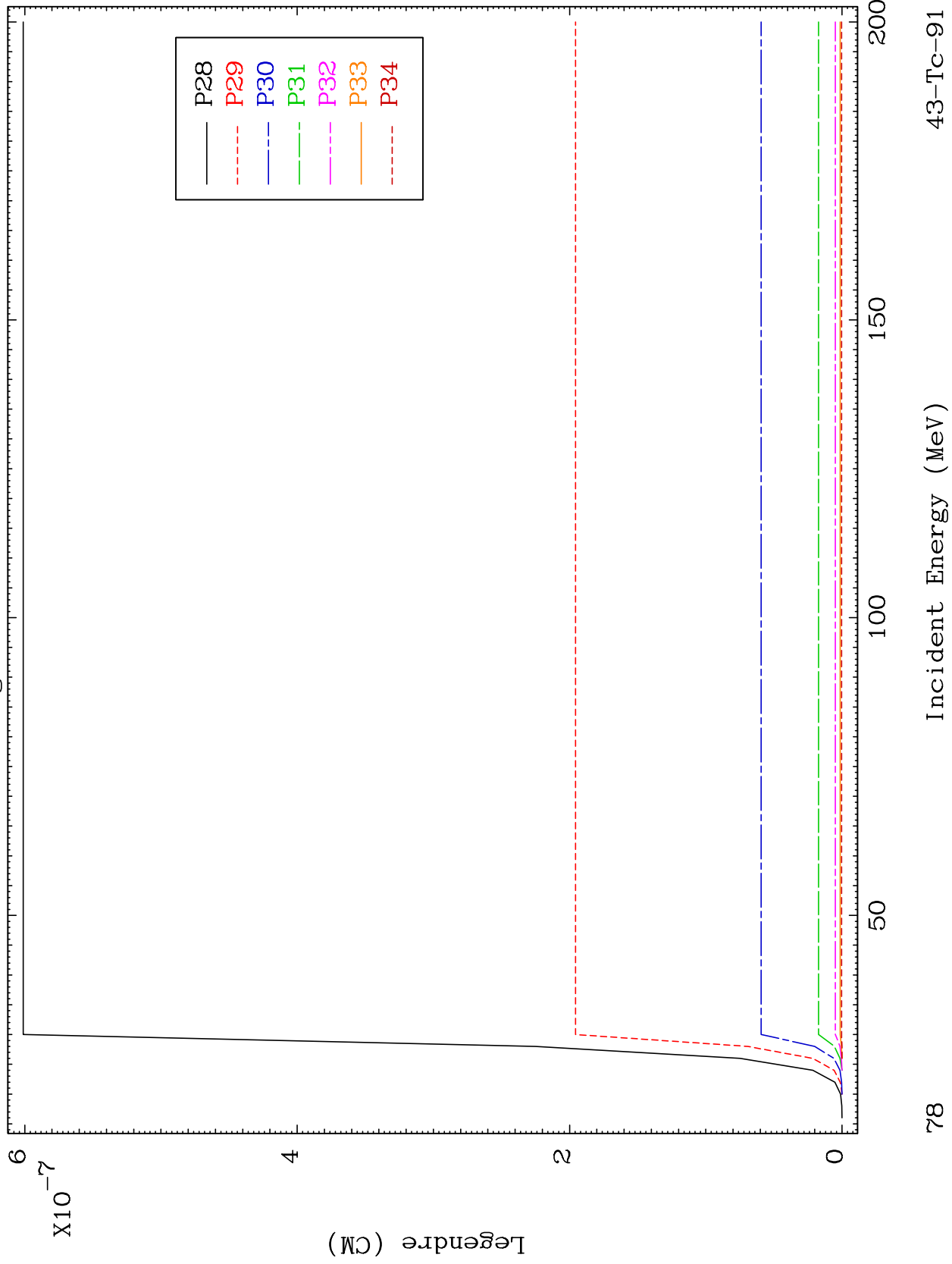
Incident Energy (MeV)

43-Tc-91

MAT 4301

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

43-Tc-91



78

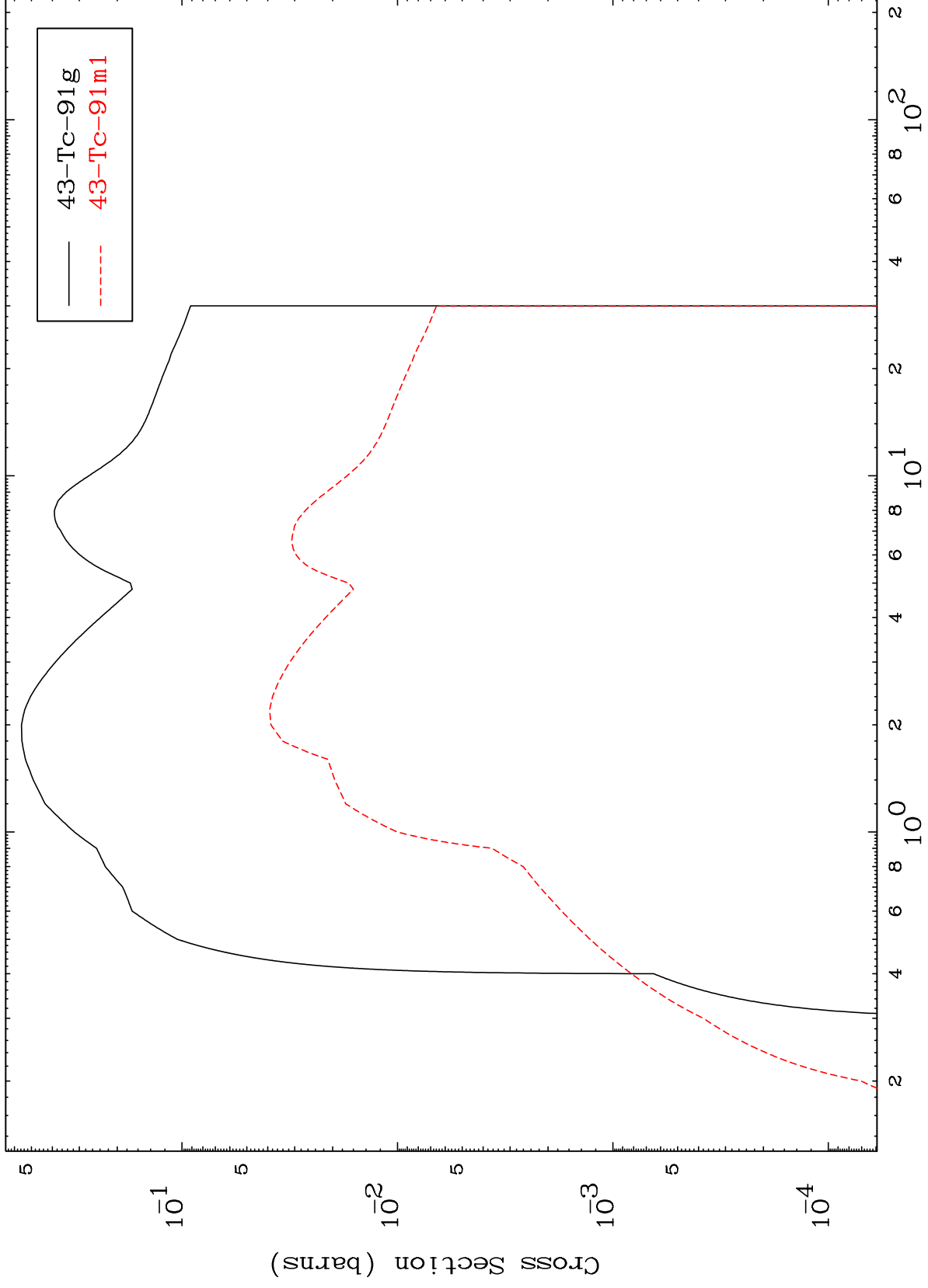
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

Inelastic  
Radionuclide Production Cross Section



79

Incident Energy (MeV)

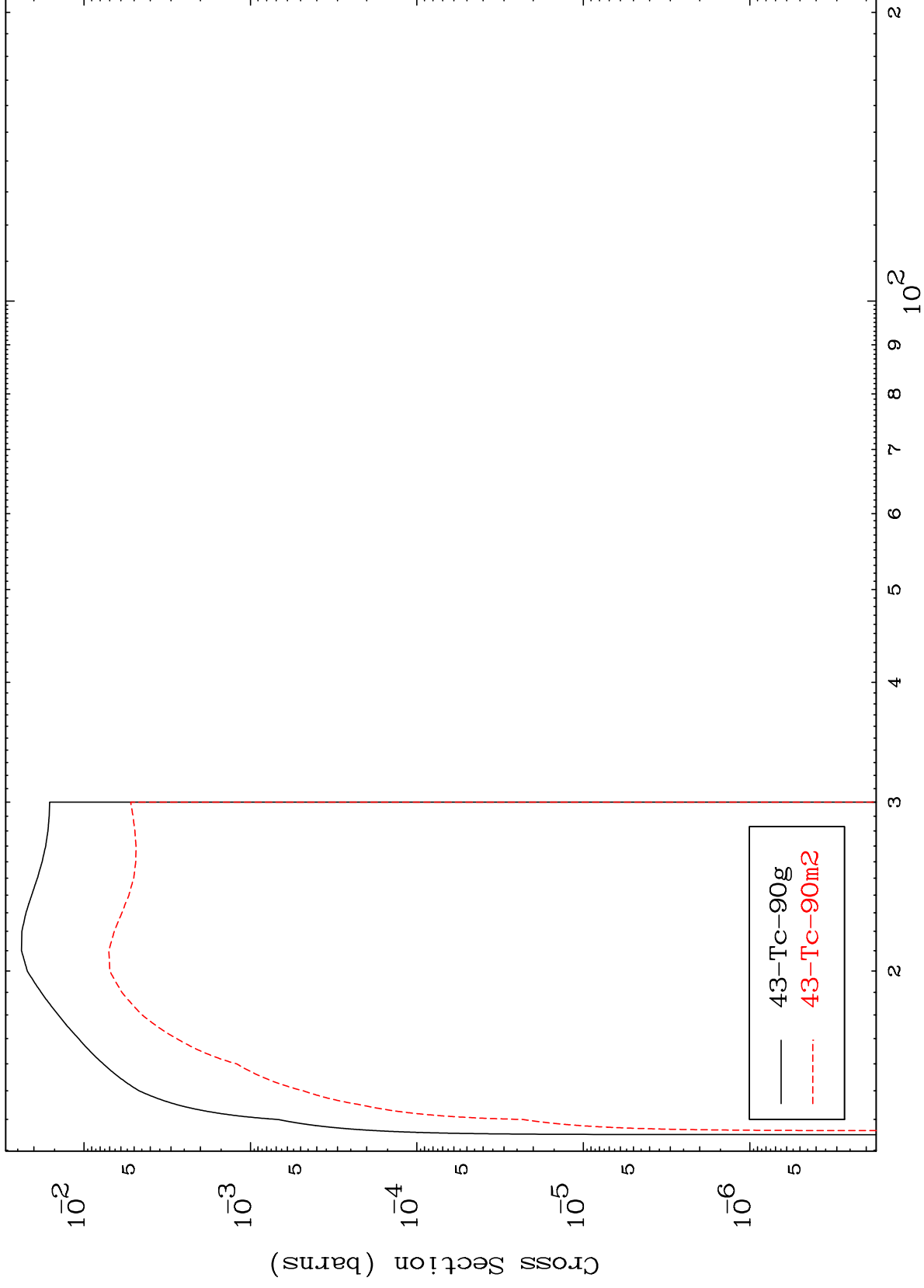
43-Tc-91



MAT 4301

43-Tc-91

Radionuclide Production Cross Section  
(n,2n)

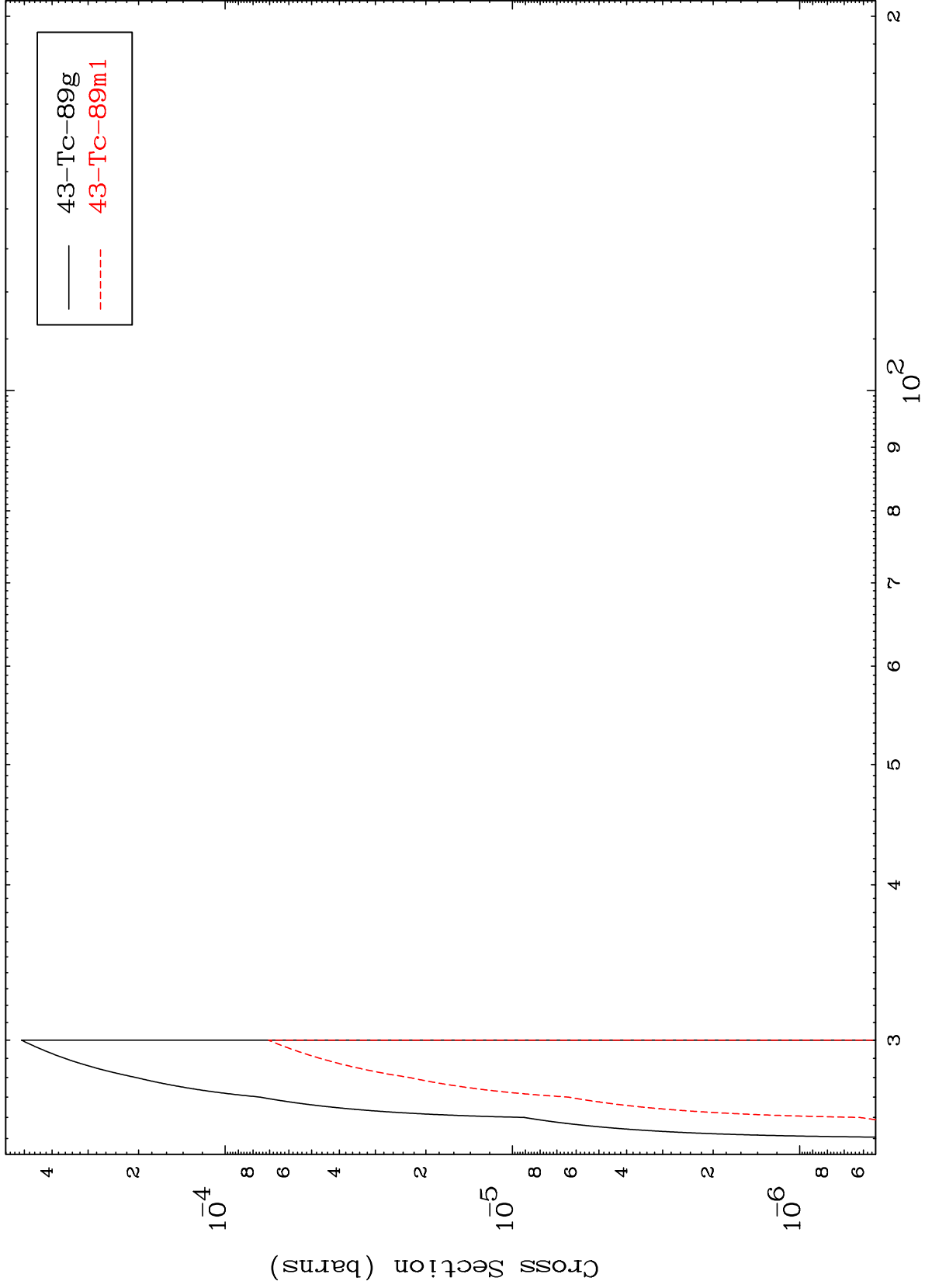


80

Incident Energy (MeV)

43-Tc-91

(n,3n)  
Radionuclide Production Cross Section

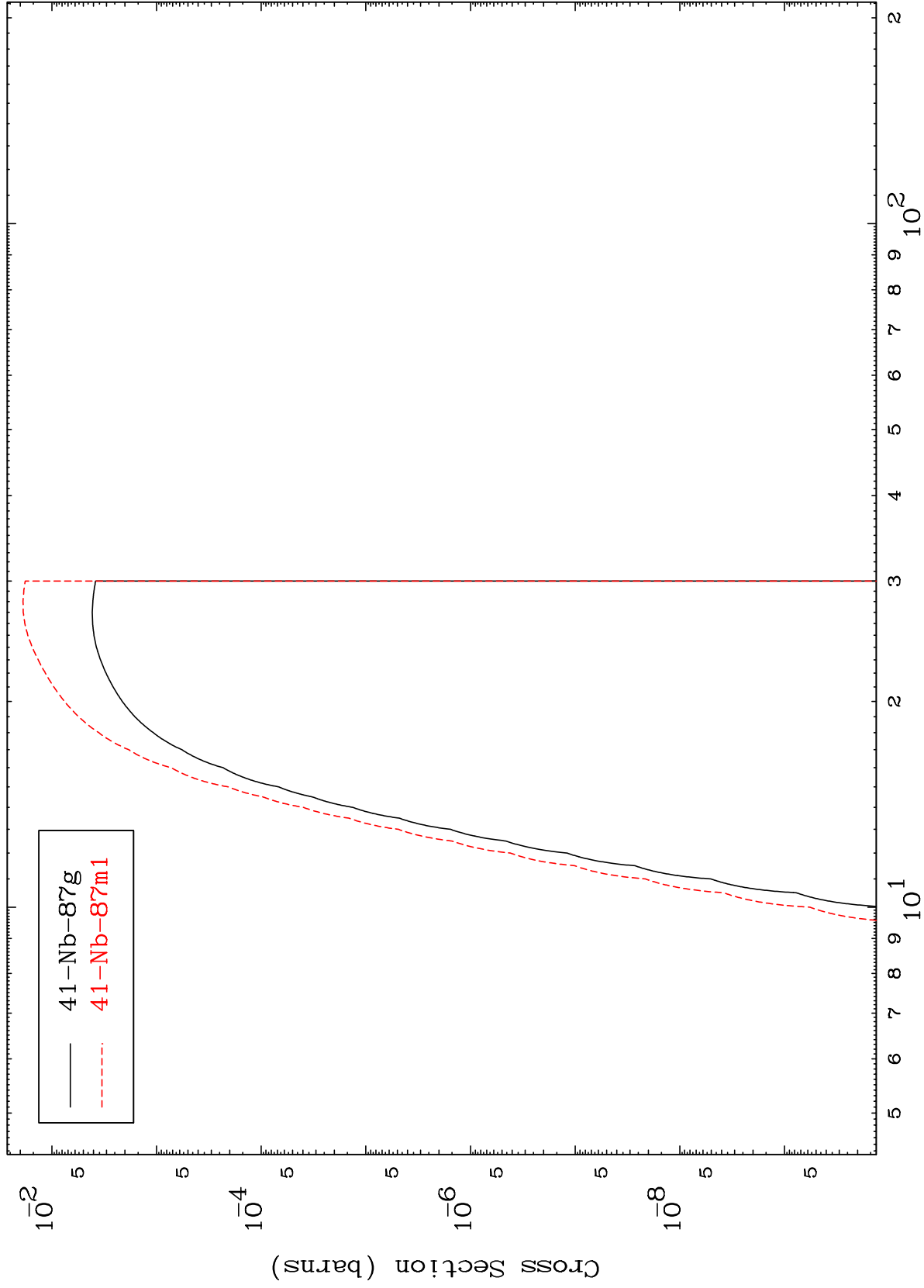


MAT 4301

$(n, n')$   $\alpha$

43-Tc-91

Radionuclide Production Cross Section



82

Incident Energy (MeV)

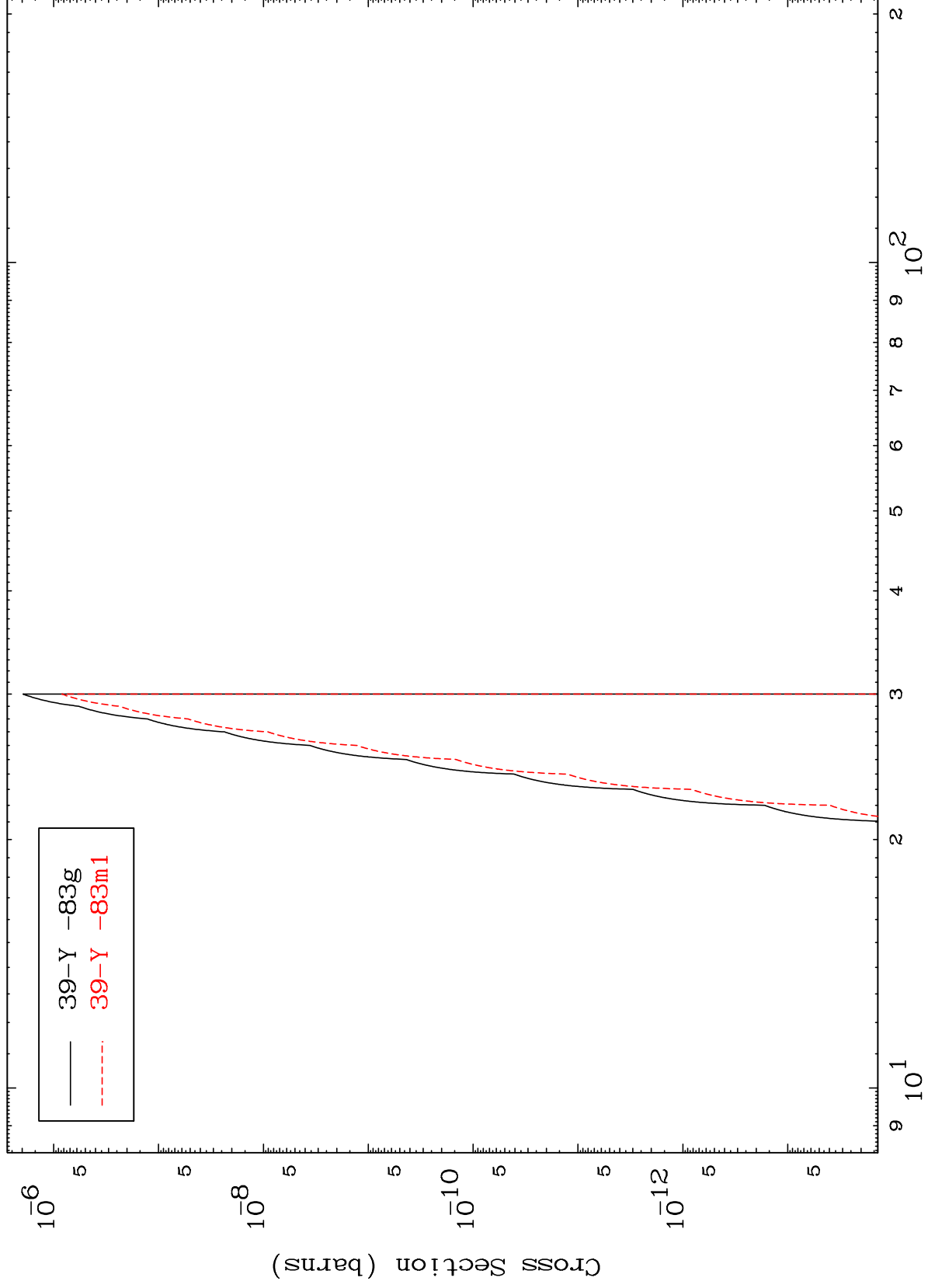
43-Tc-91

MAT 4301

(n,n') 2α

43-Tc-91

Radionuclide Production Cross Section

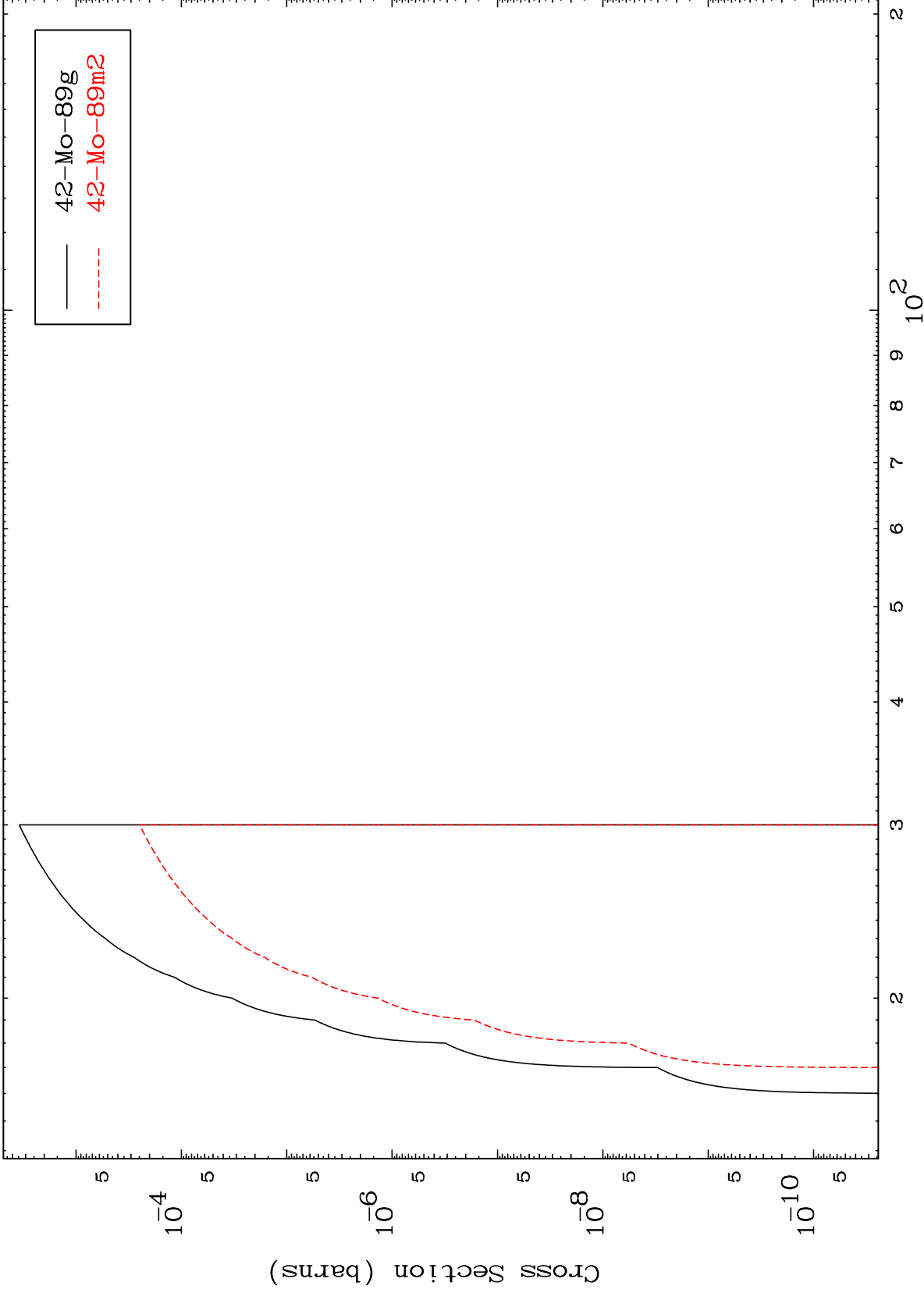


83

Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section

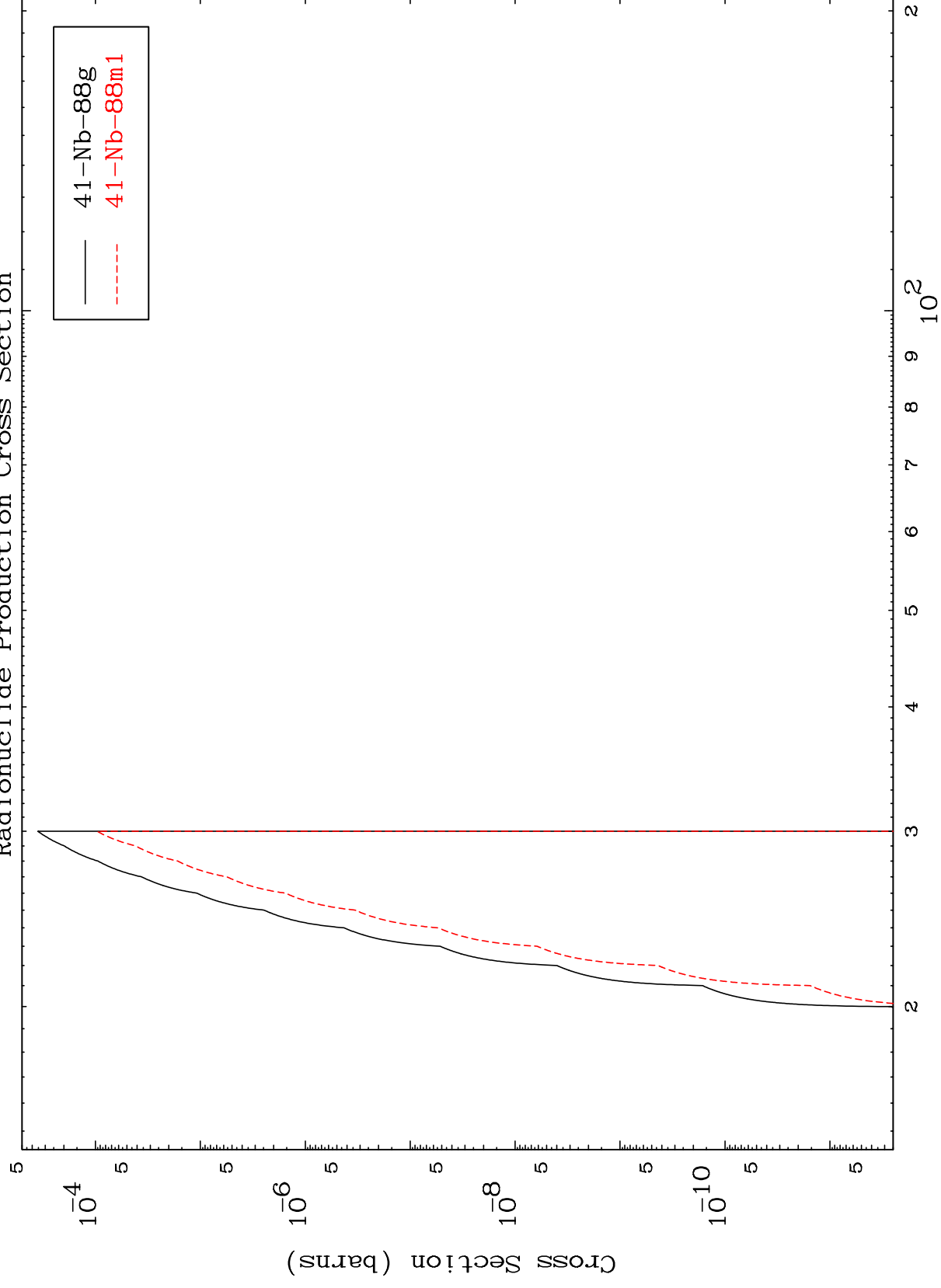


MAT 4301

(n,n') He-3

43-Tc-91

Radionuclide Production Cross Section

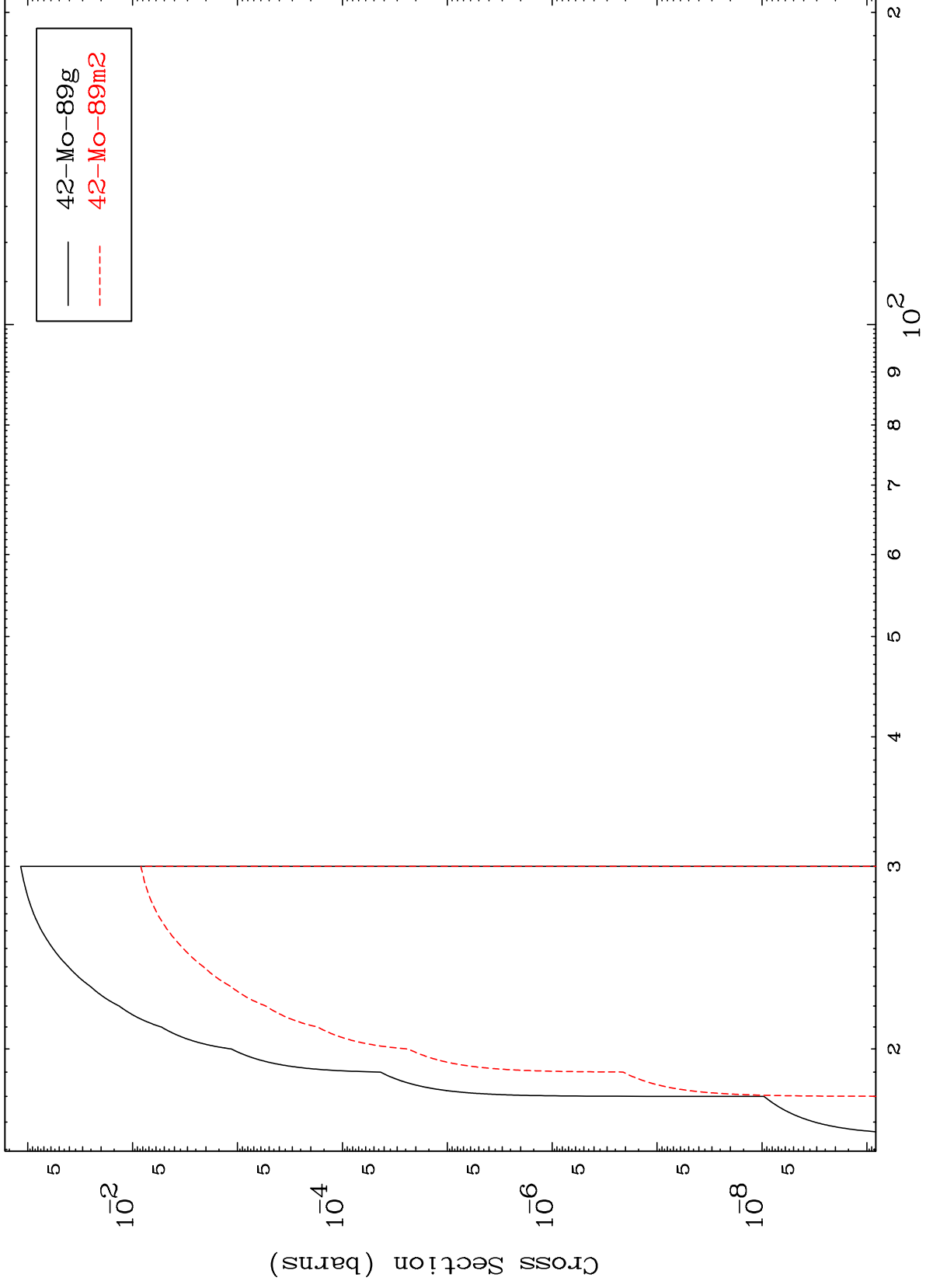


85

Incident Energy (MeV)

43-Tc-91

(n,2n) p  
Radionuclide Production Cross Section

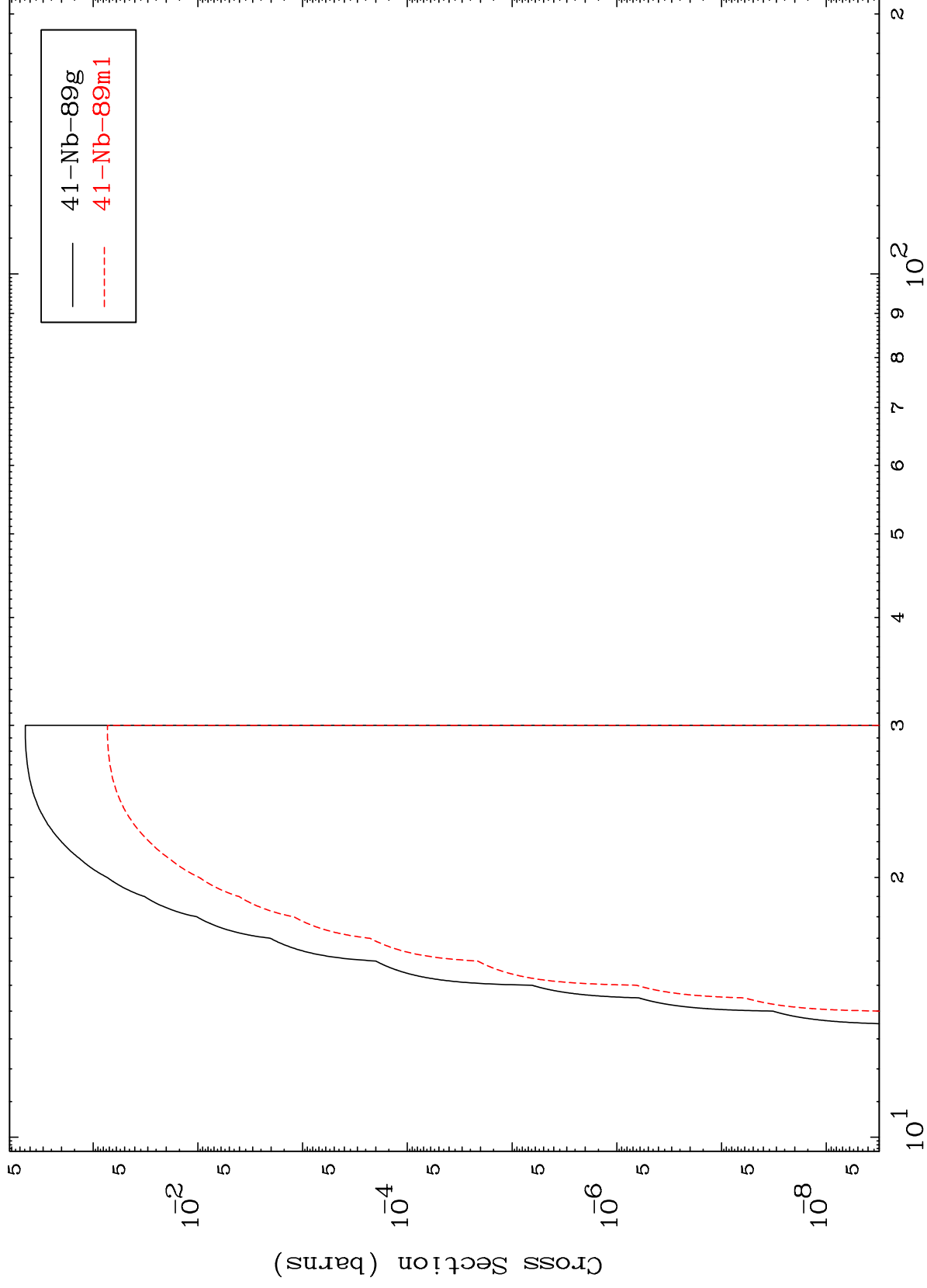


MAT 4301

(n,2n) p

43-Tc-91

Radionuclide Production Cross Section



87

Incident Energy (MeV)

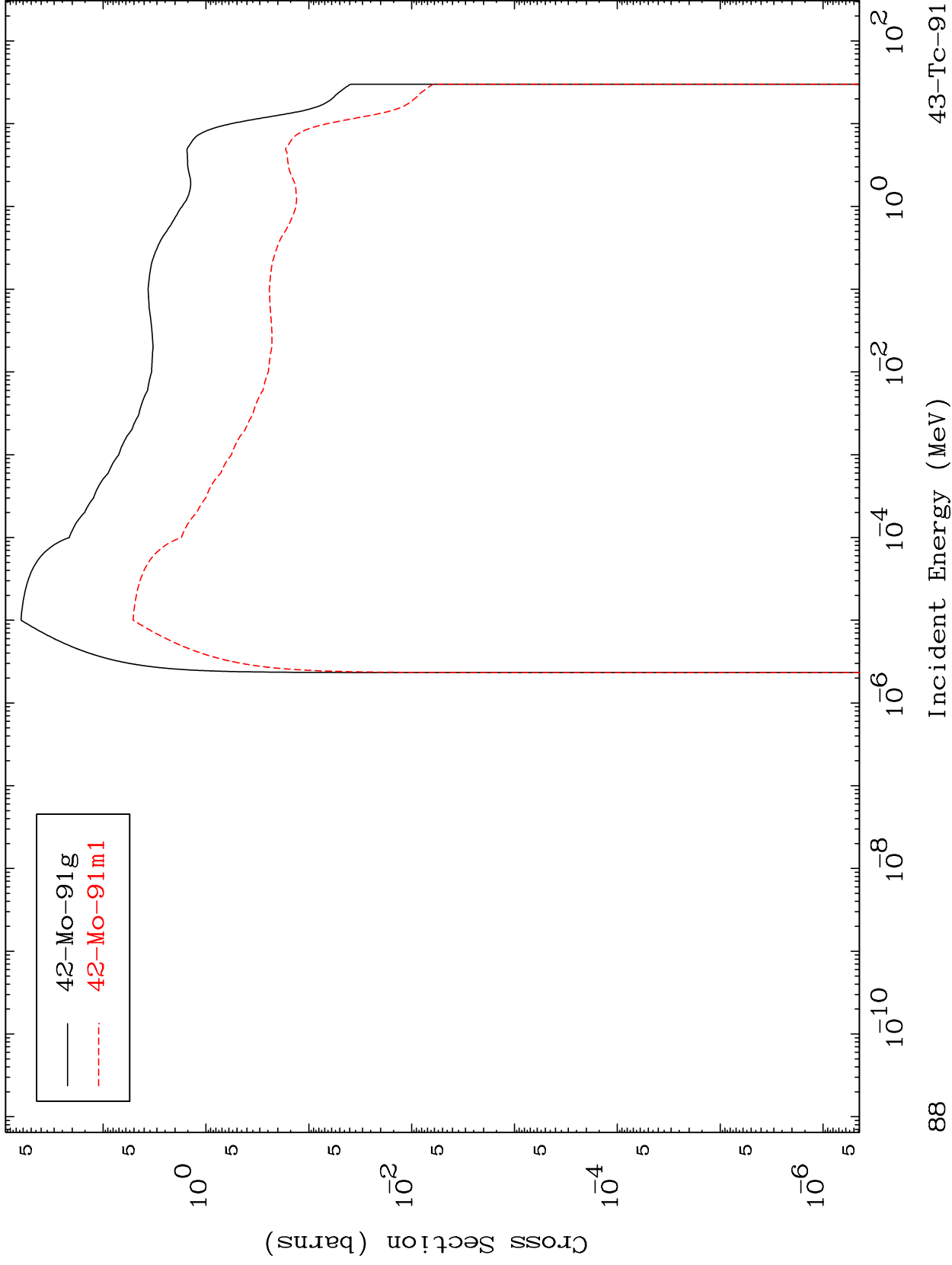
43-Tc-91



MAT 4301

43-Tc-91

(n,p)  
Radionuclide Production Cross Section

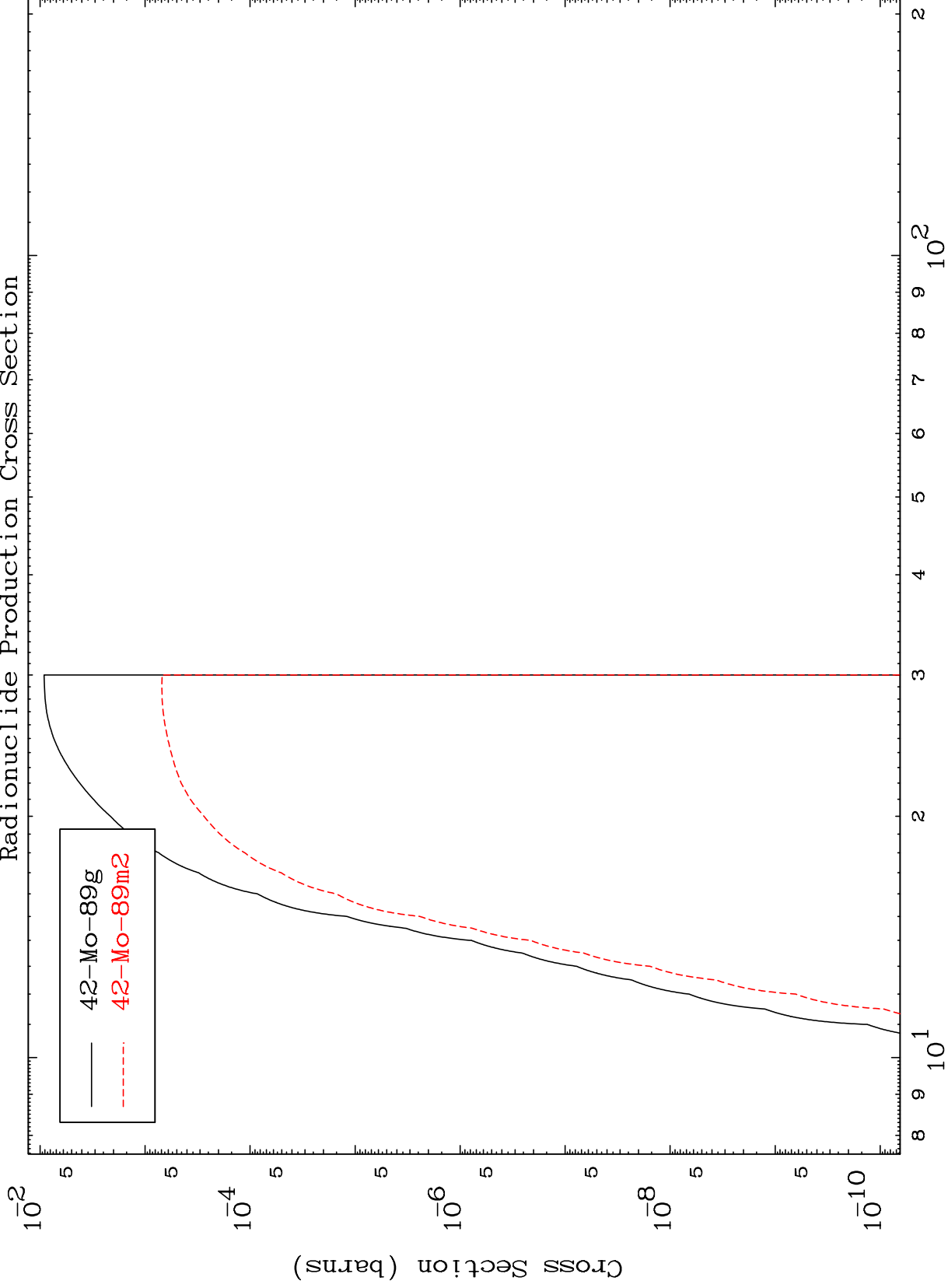


MAT 4301

(n, t)

43-Tc-91

Radionuclide Production Cross Section



89

Incident Energy (MeV)

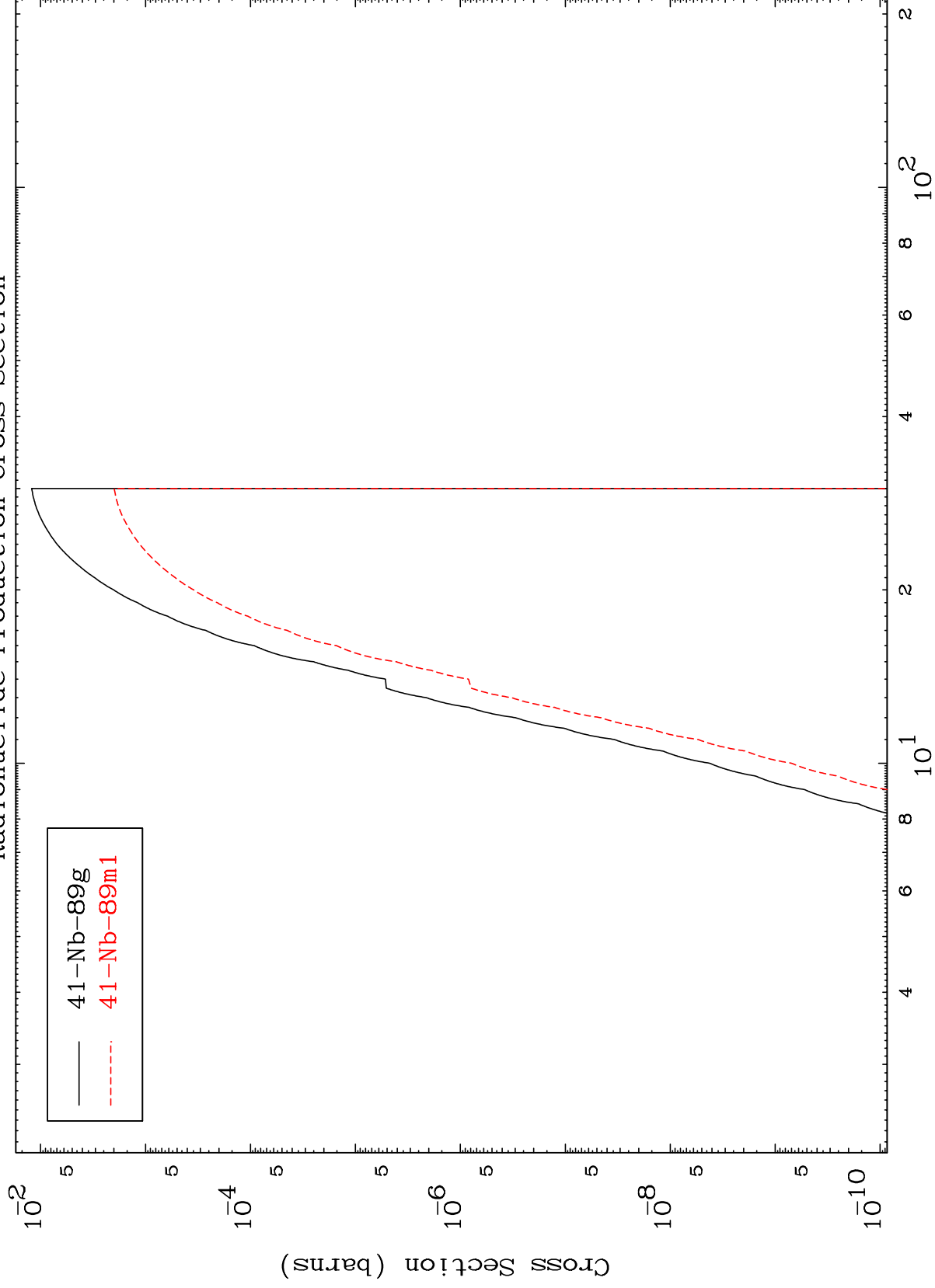
43-Tc-91

MAT 4301

(n,He-3)

43-Tc-91

Radionuclide Production Cross Section



90

Incident Energy (MeV)

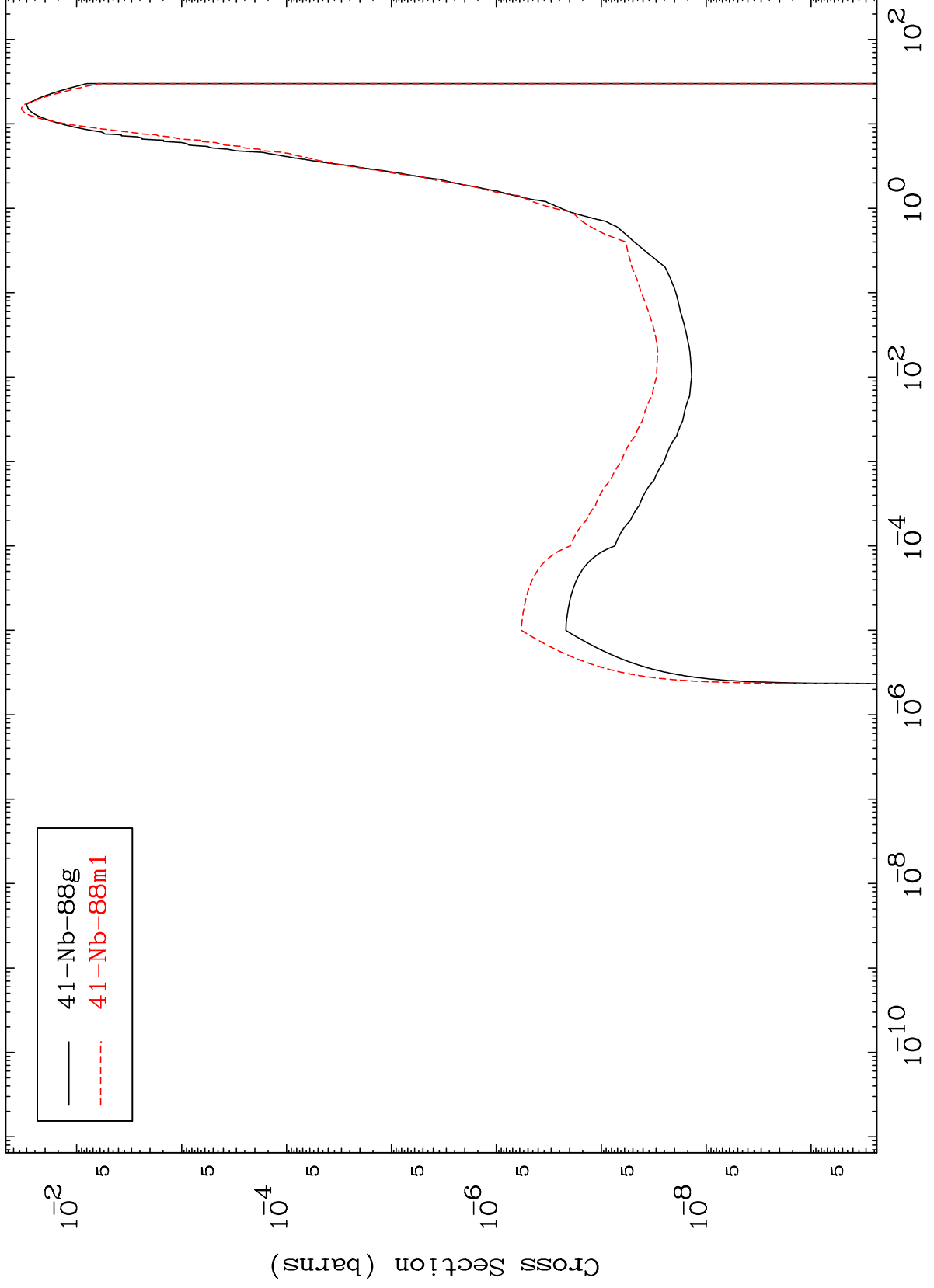
43-Tc-91

MAT 4301

(n,  $\alpha$ )

43-Tc-91

Radionuclide Production Cross Section



91

Incident Energy (MeV)

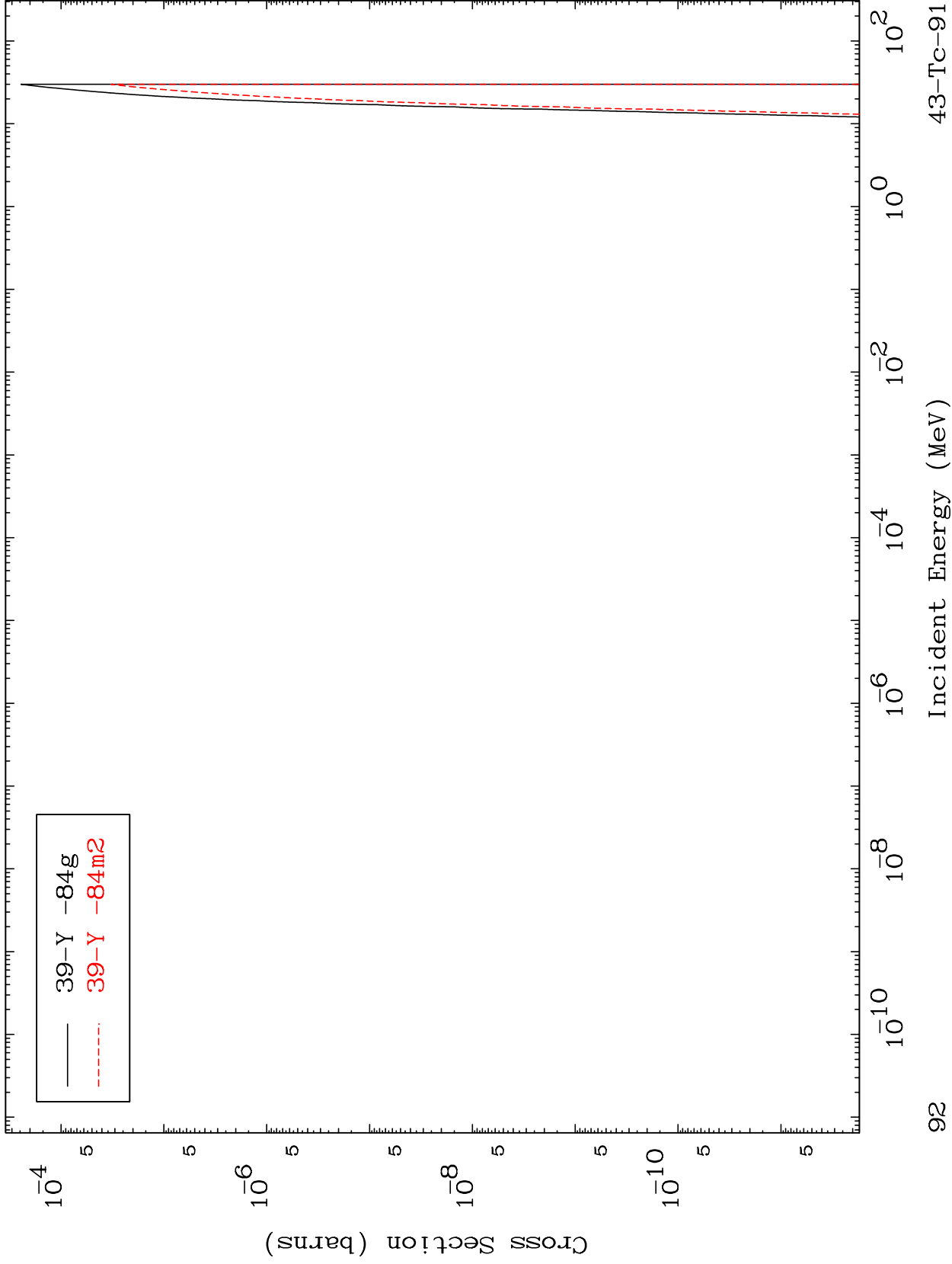
43-Tc-91

MAT 4301

(n,2α)

43-Tc-91

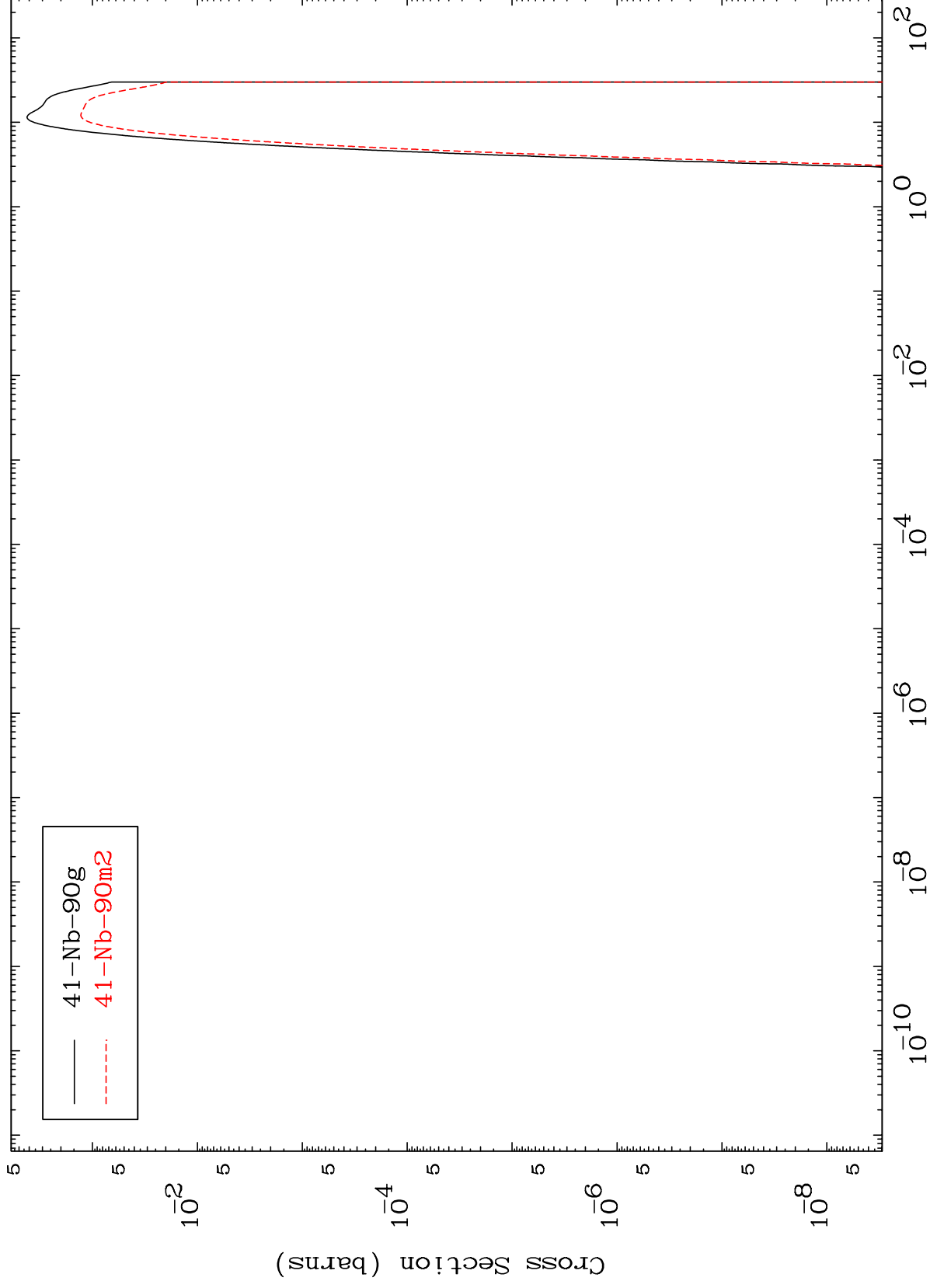
Radionuclide Production Cross Section



MAT 4301

43-Tc-91

(n,2p)  
Radionuclide Production Cross Section



93

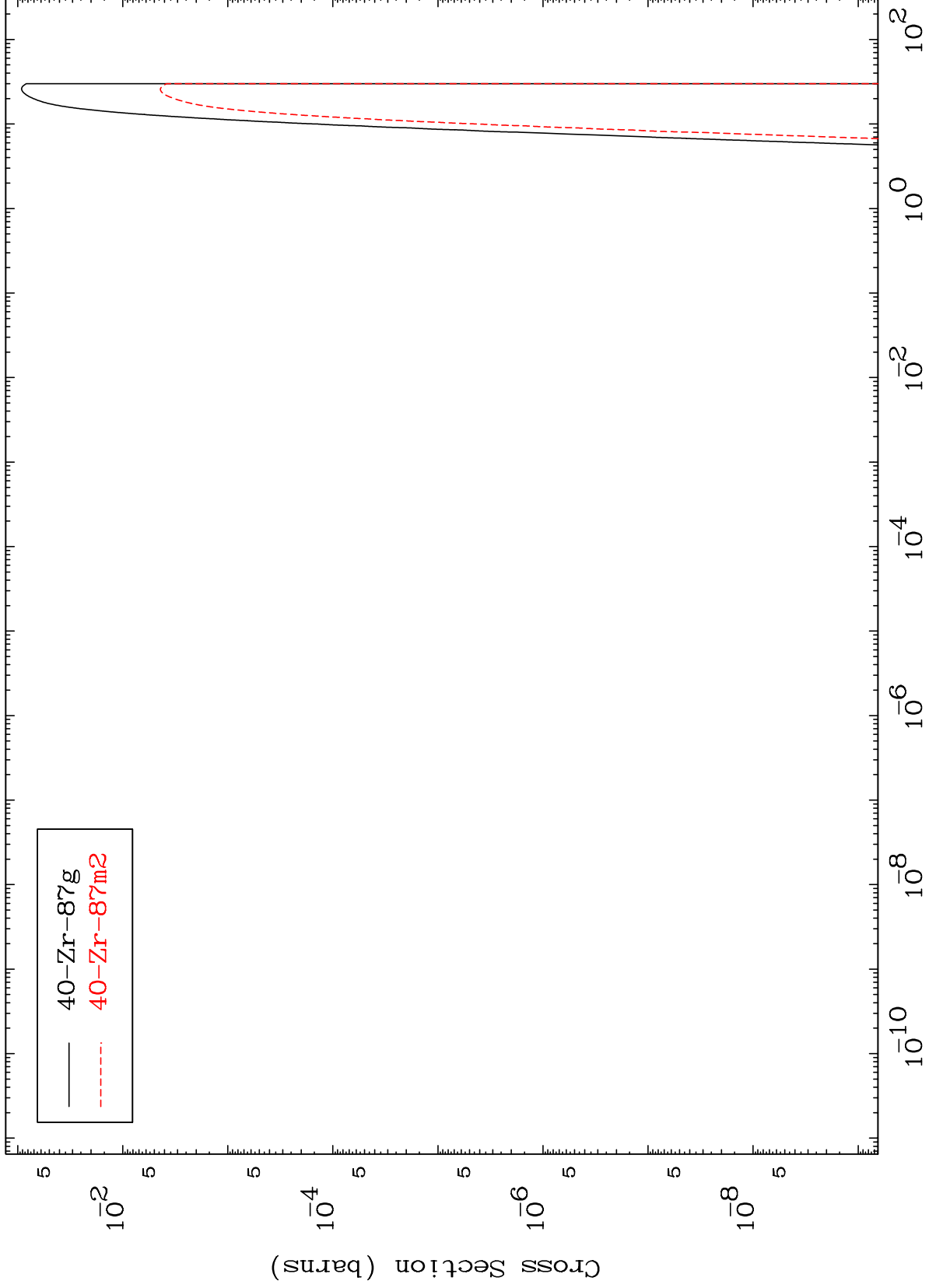
43-Tc-91

MAT 4301

(n,p)  $\alpha$

43-Tc-91

Radionuclide Production Cross Section



94

Incident Energy (MeV)

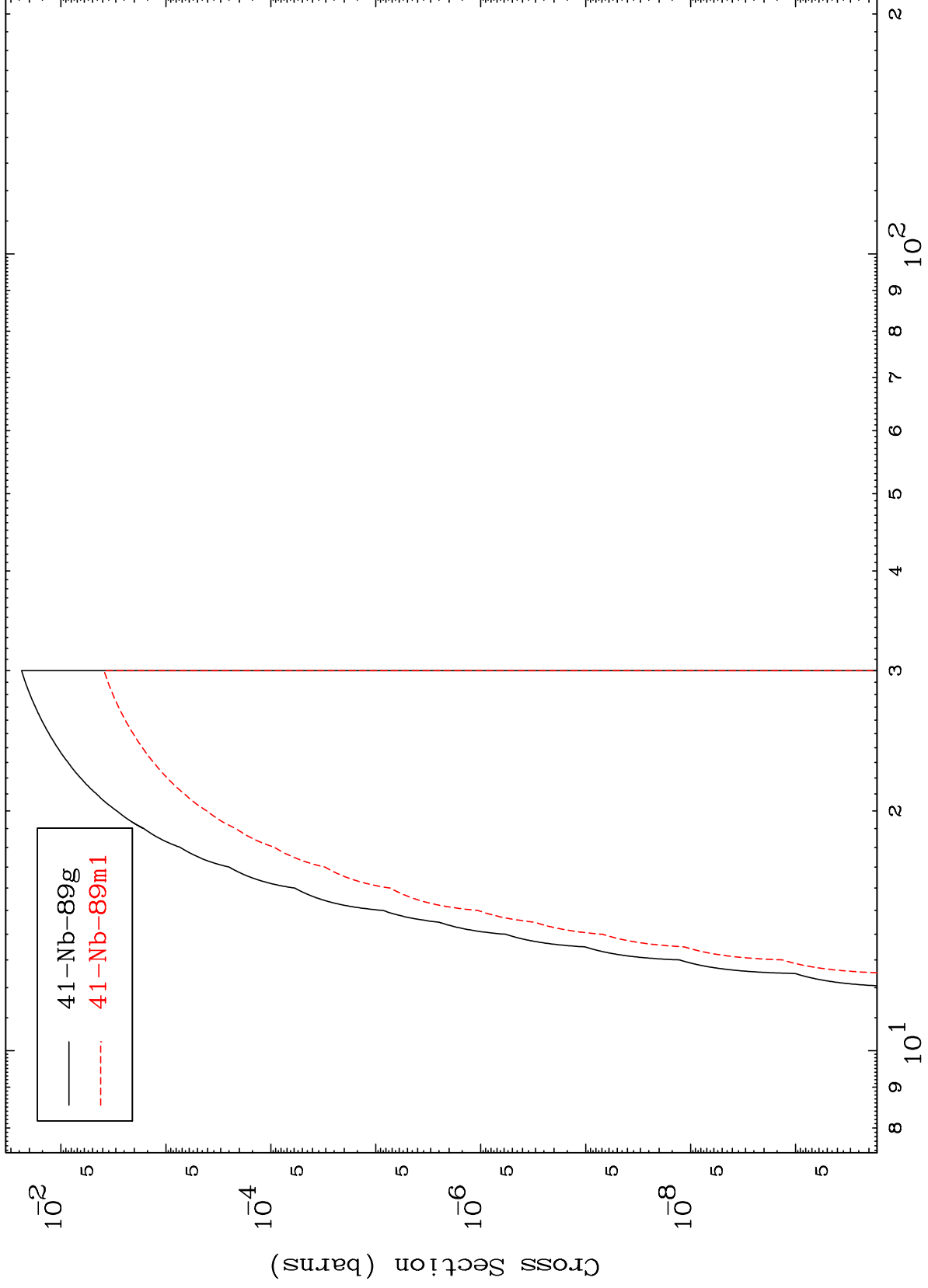
43-Tc-91

MAT 4301

(n,p) d

43-Tc-91

Radionuclide Production Cross Section



95

Incident Energy (MeV)

43-Tc-91



