

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

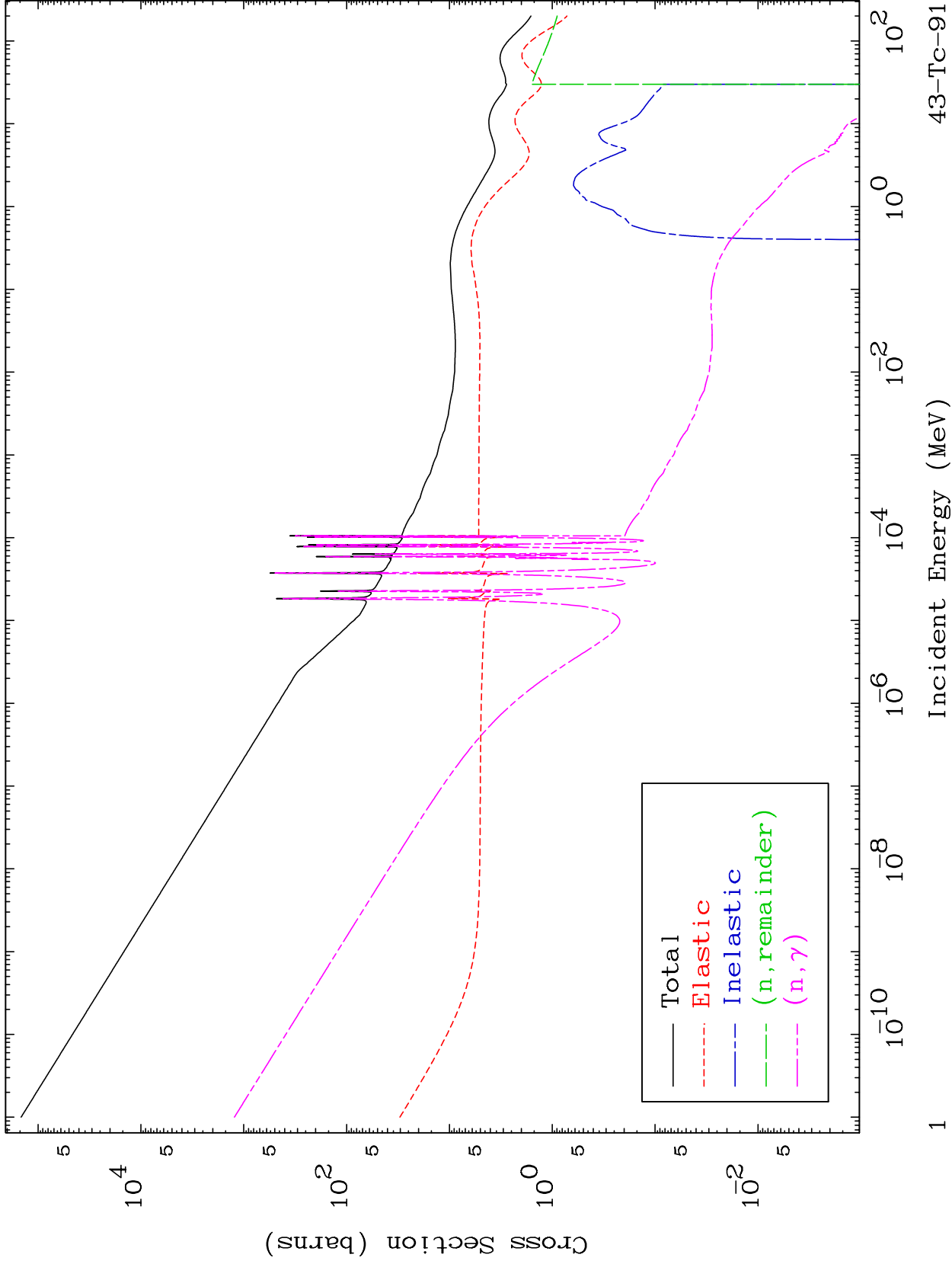
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4301

Major  
293 Kelvin Cross Sections

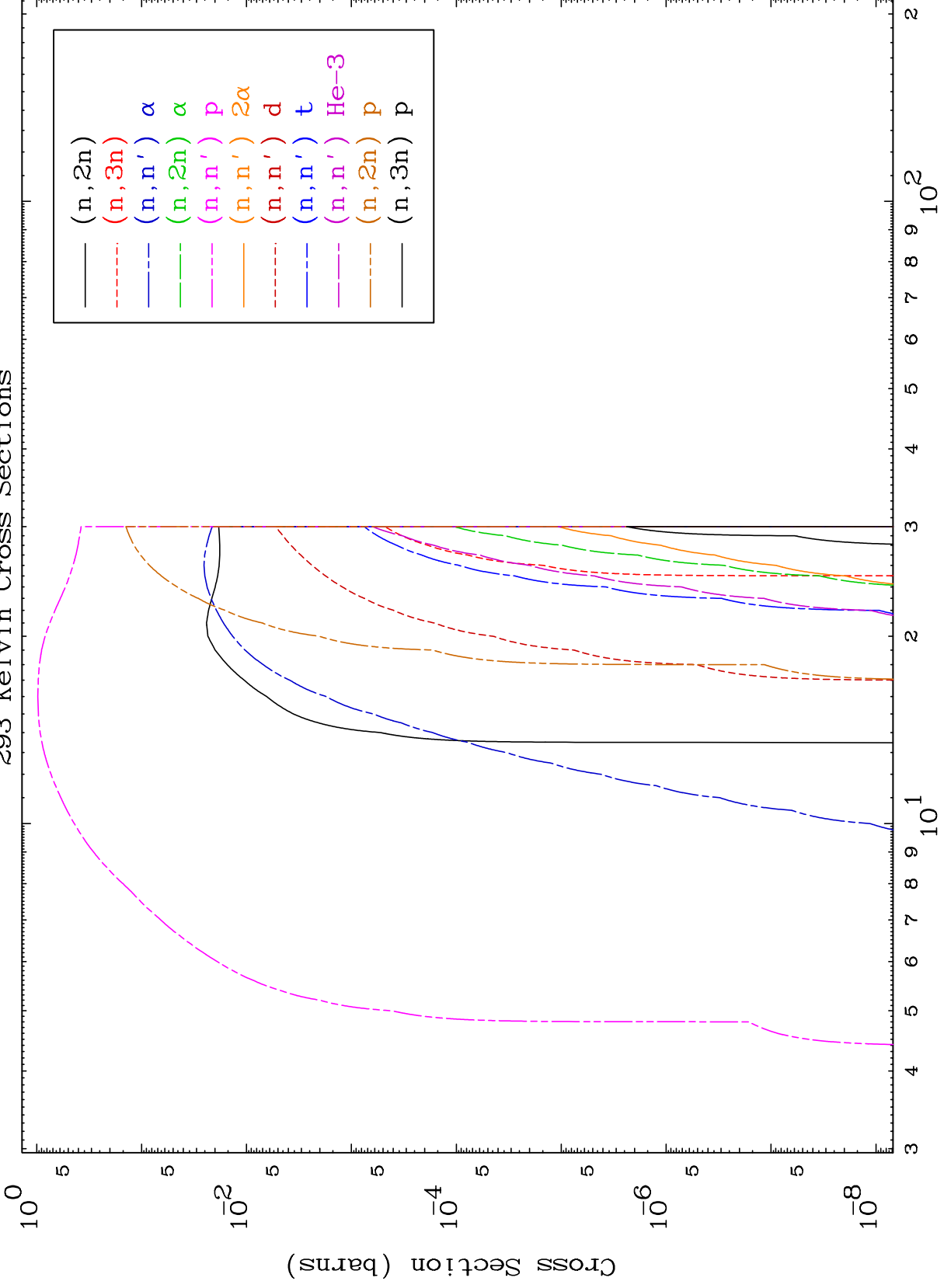
43-Tc-91



MAT 4301

Neutron Production  
293 Kelvin Cross Sections

43-Tc-91



2

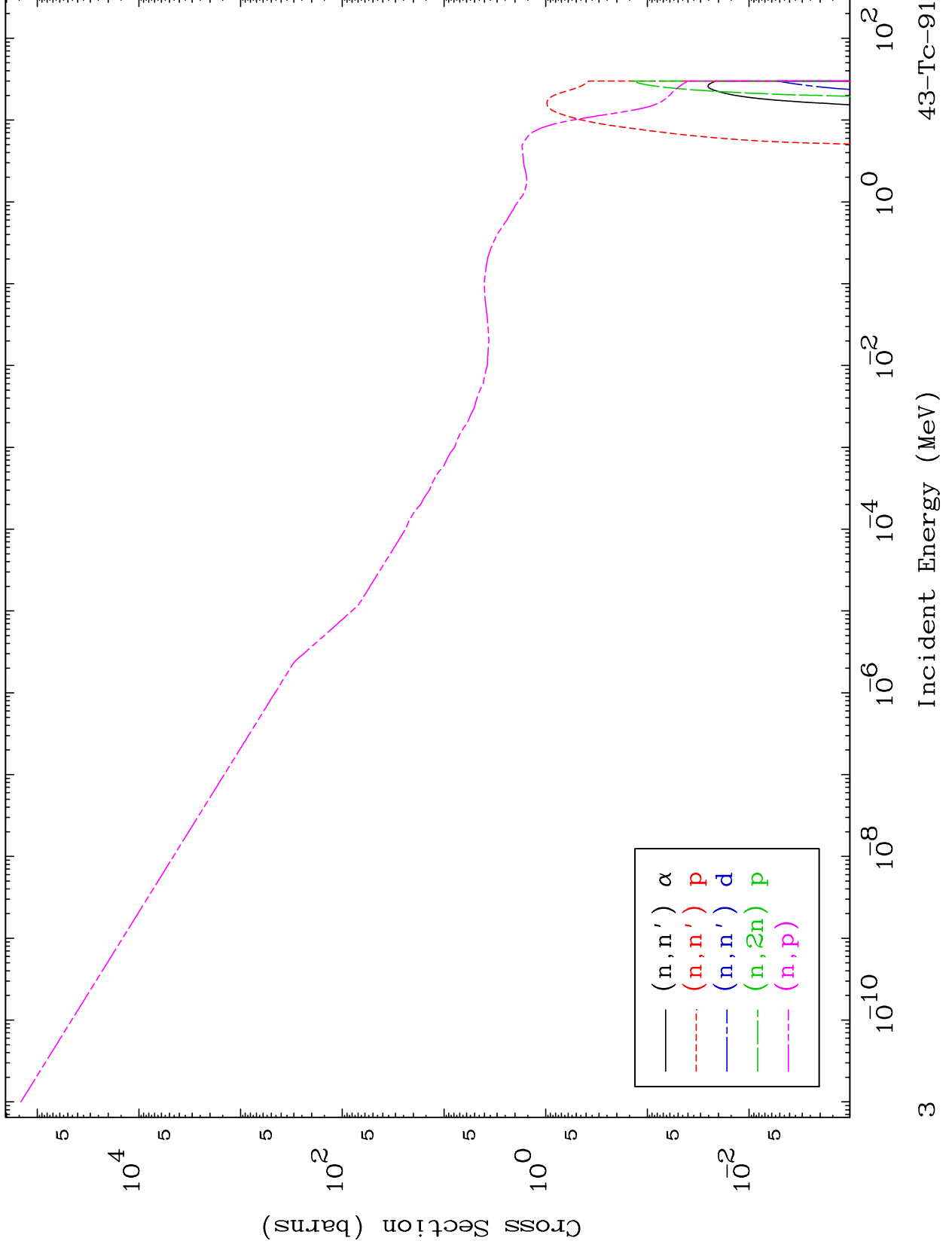
Incident Energy (MeV)

43-Tc-91

MAT 4301

Charged Particle  
293 Kelvin Cross Sections

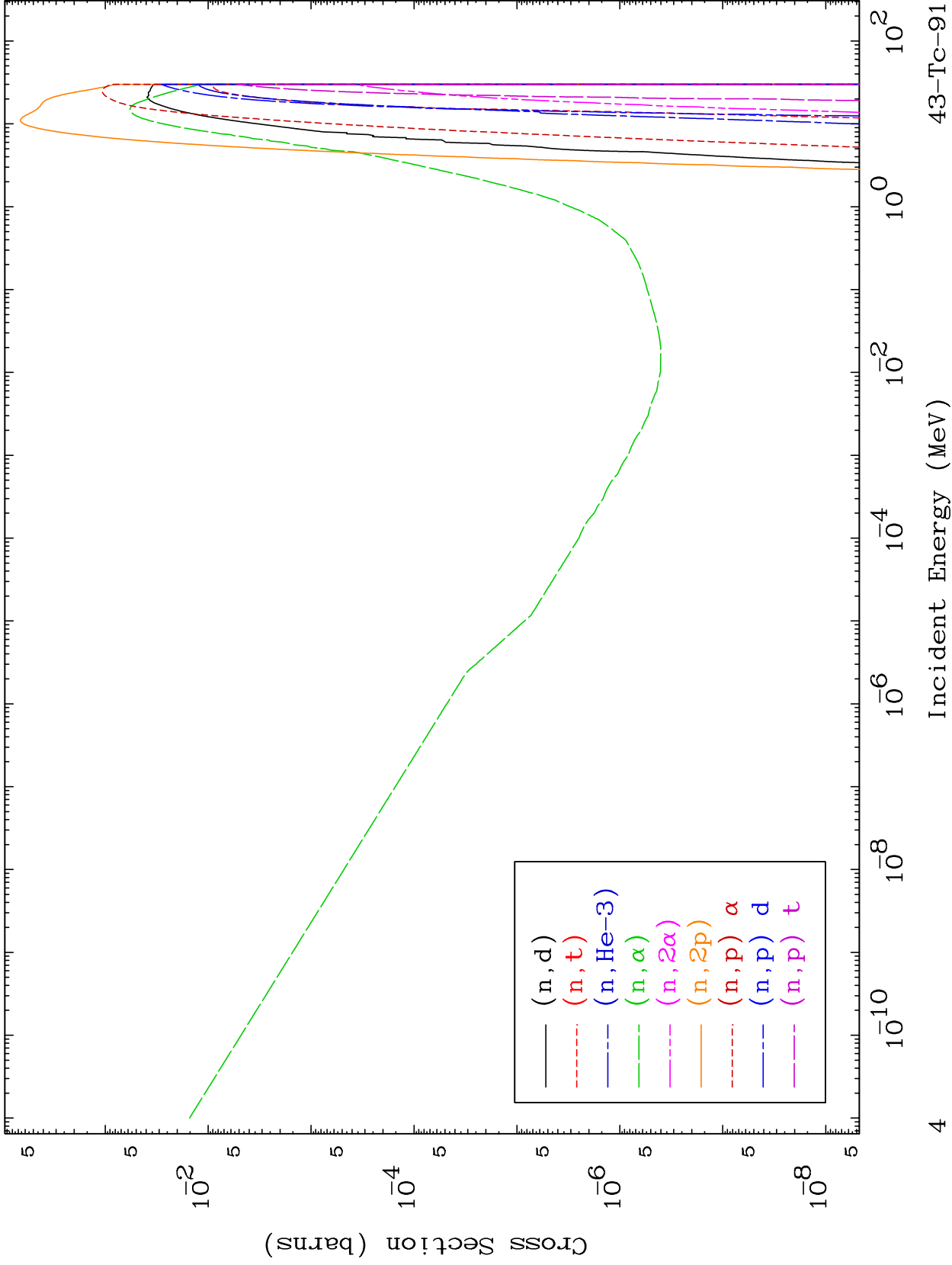
43-Tc-91



MAT 4301

Charged Particle  
293 Kelvin Cross Sections

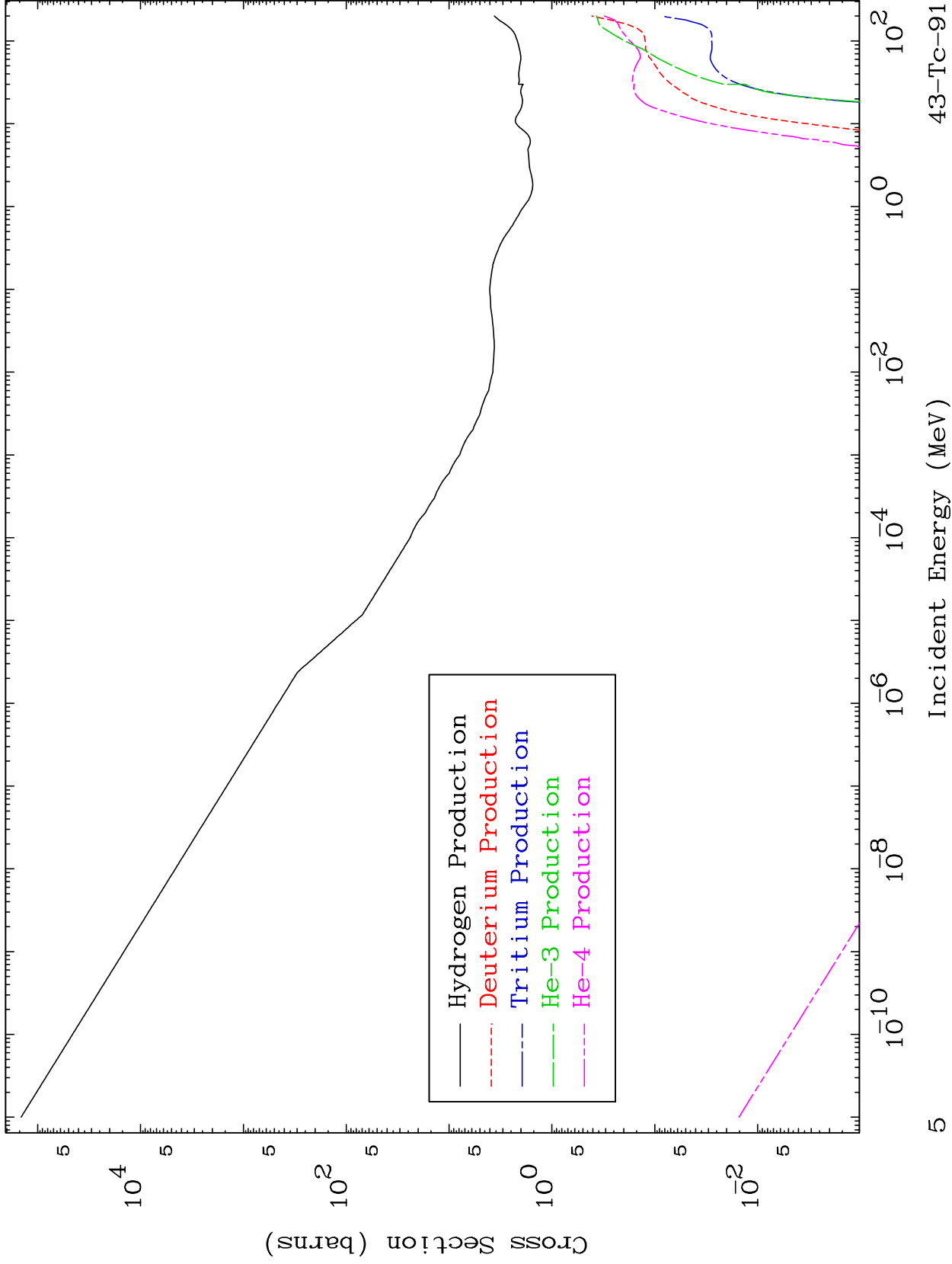
43-Tc-91



MAT 4301

Particle Production  
293 Kelvin Cross Sections

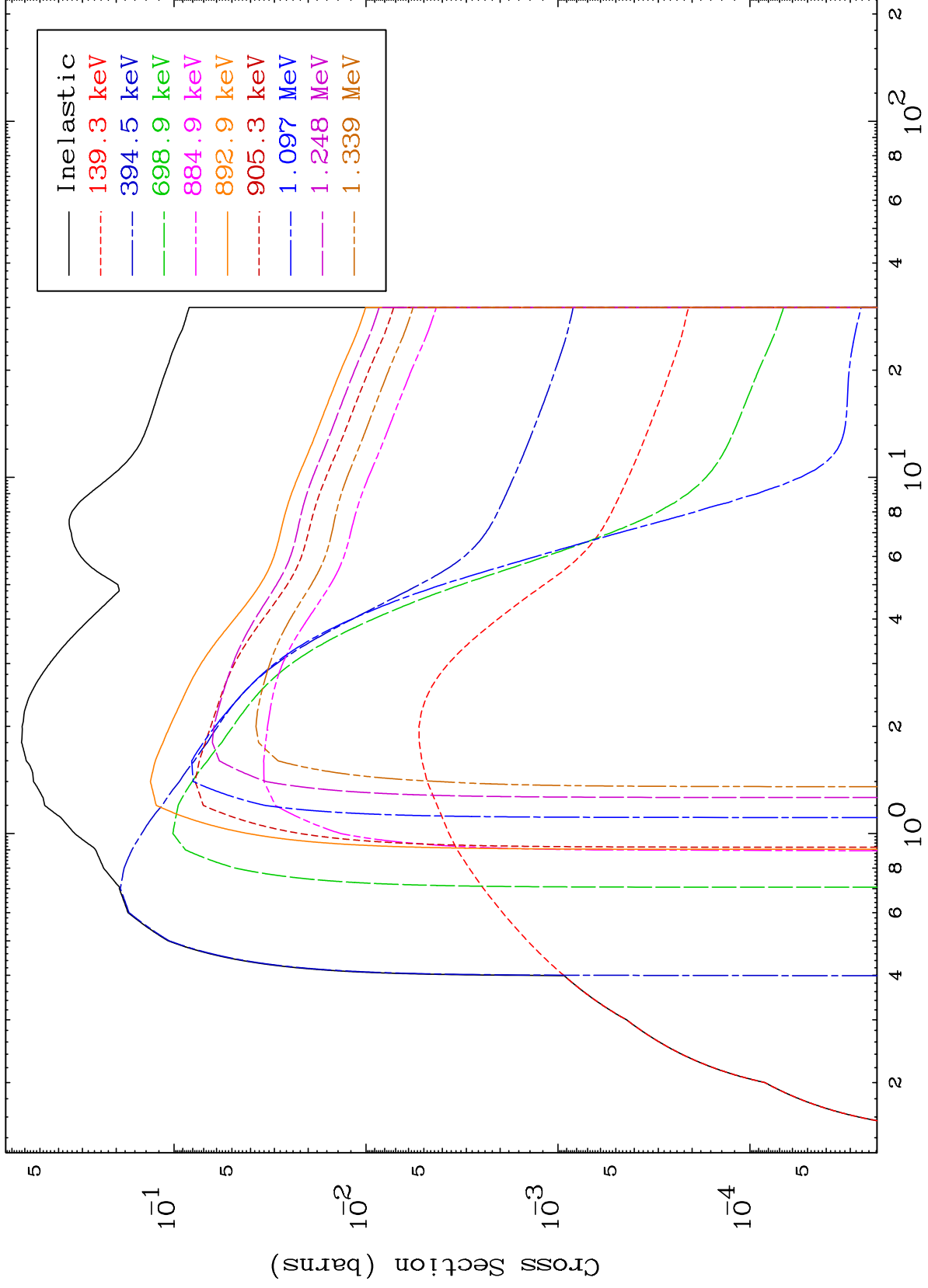
43-Tc-91



MAT 4301

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-91

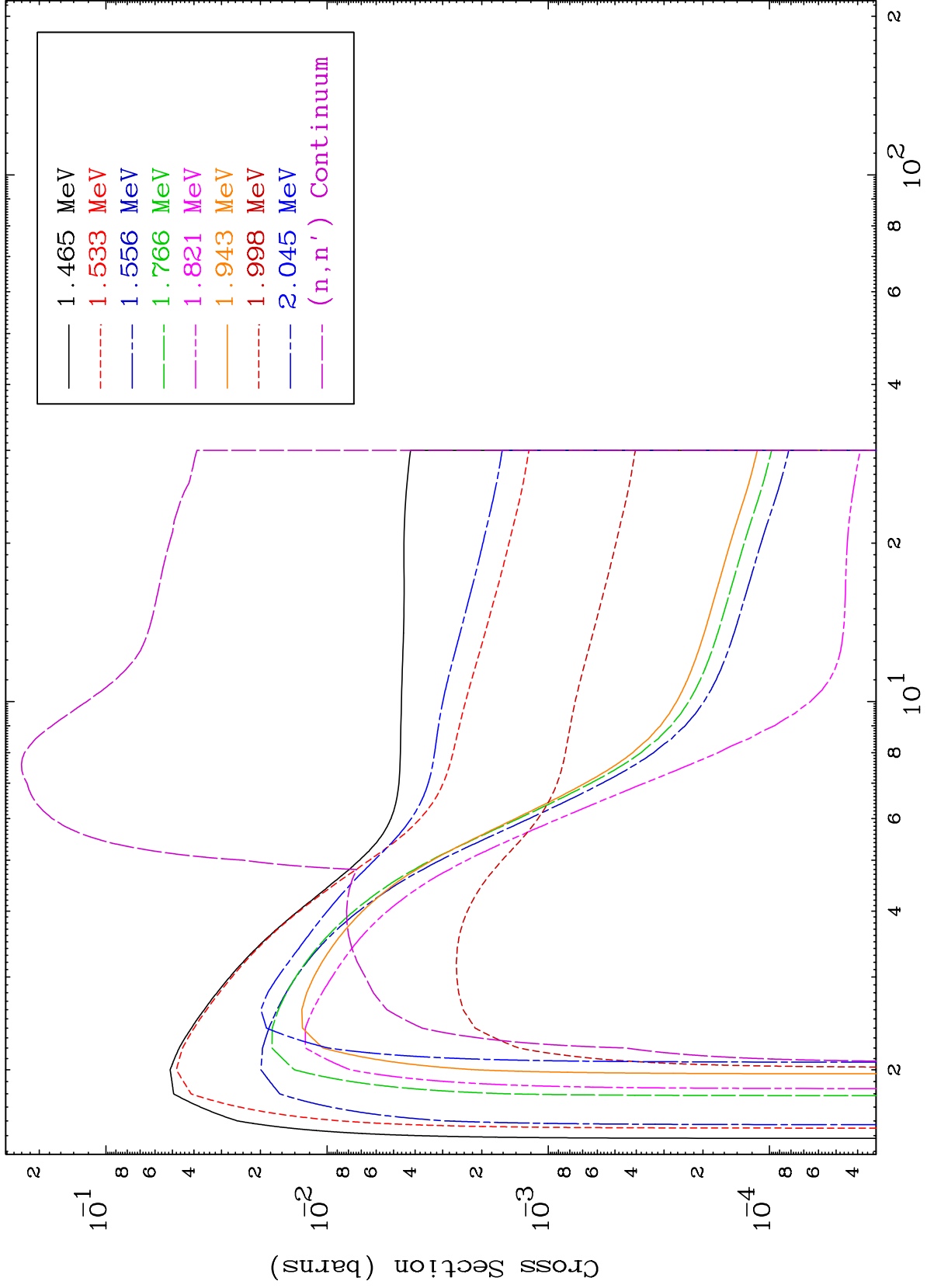


6

Incident Energy (MeV)

43-Tc-91

293 Kelvin Cross Sections

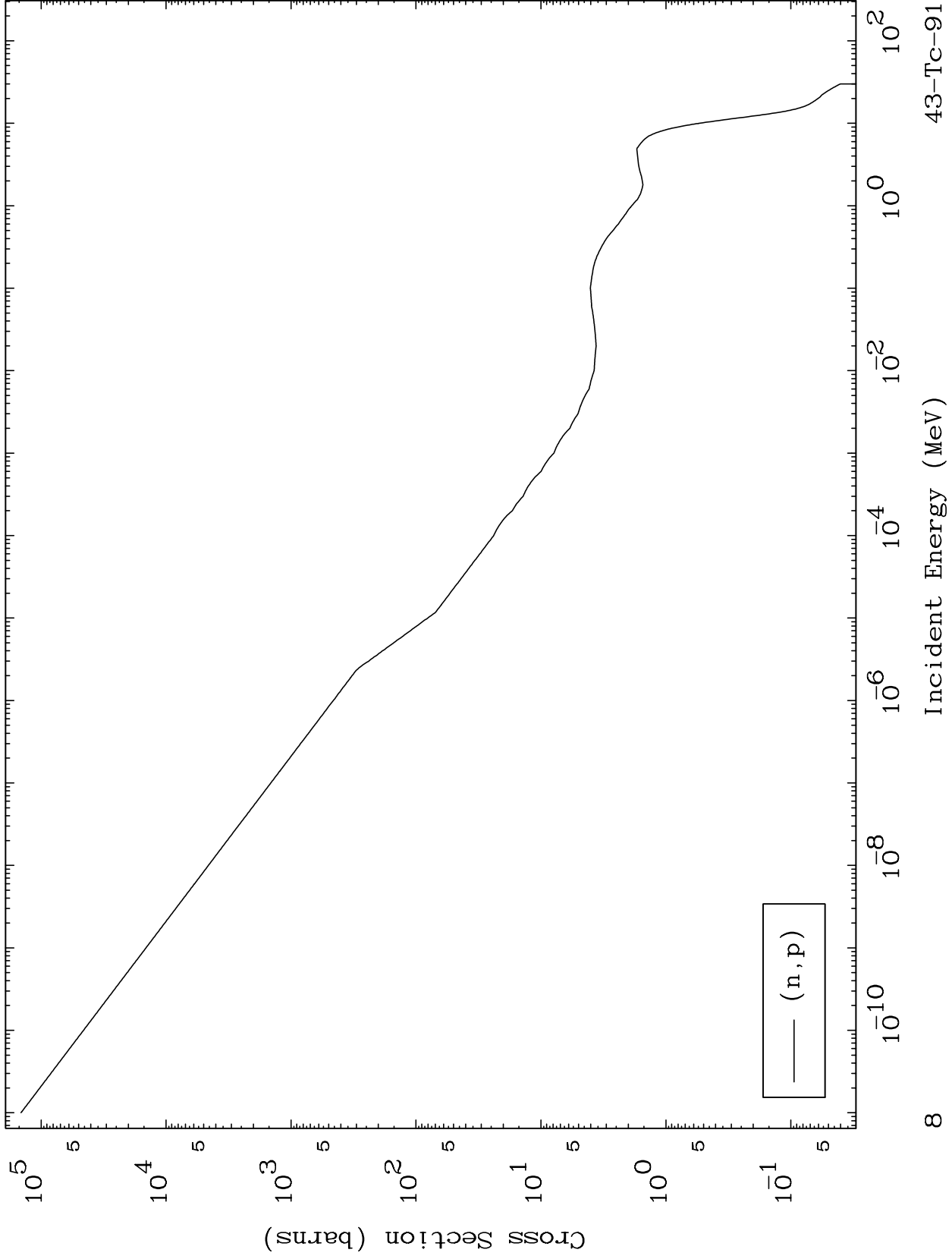




MAT 4301

(n,p) Levels  
293 Kelvin Cross Sections

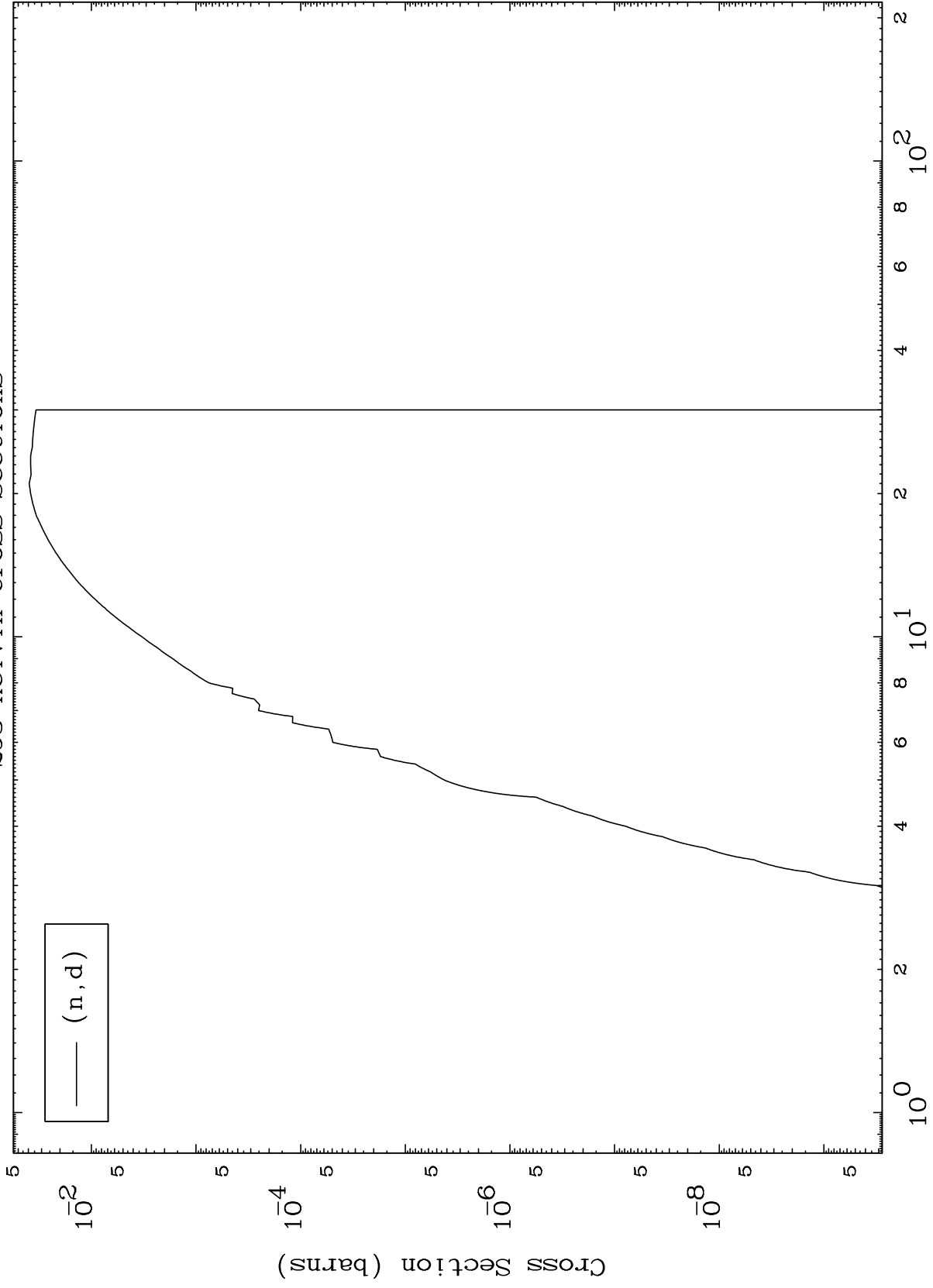
43-Tc-91



MAT 4301

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-91



9

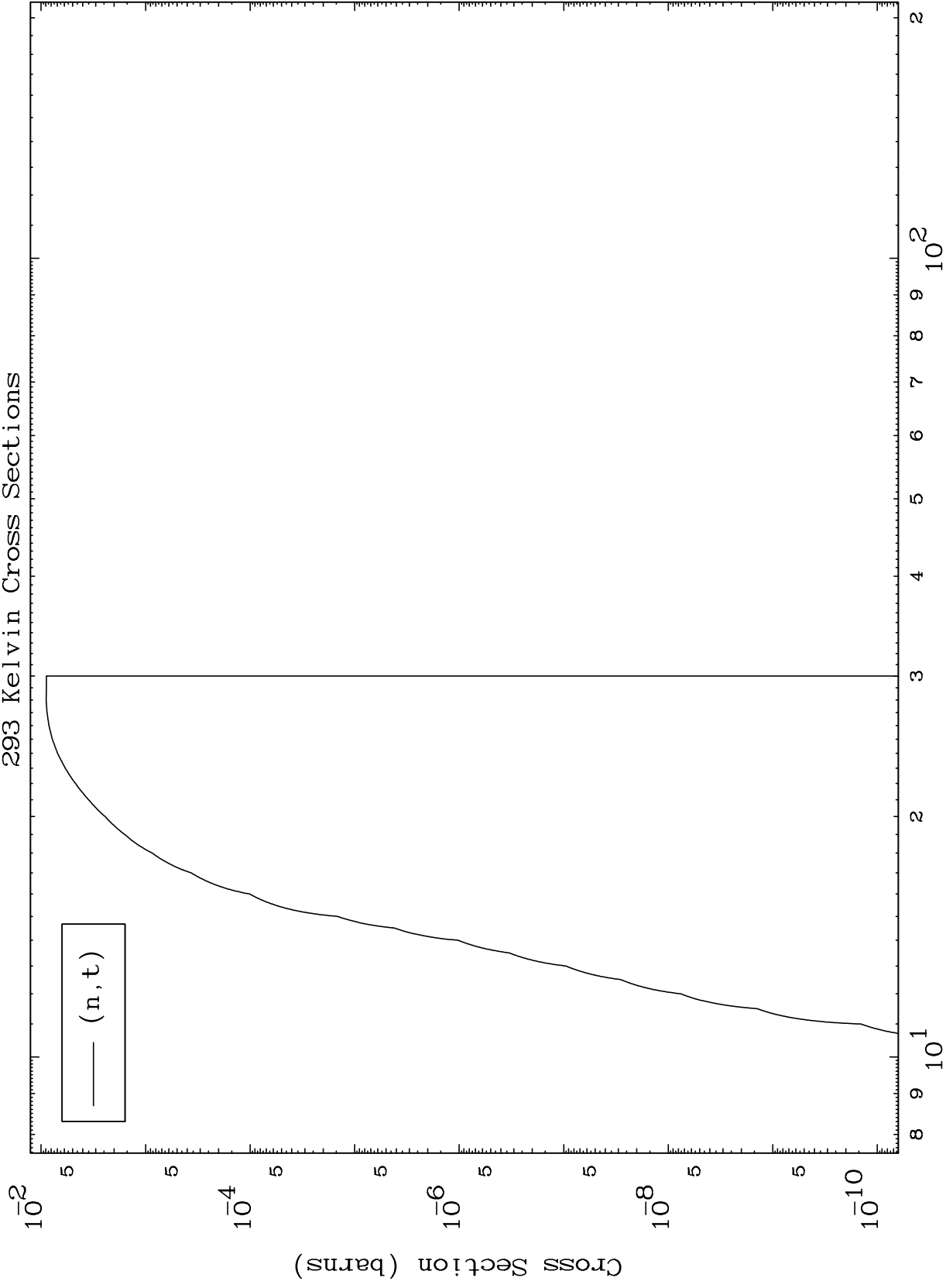
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-91



10

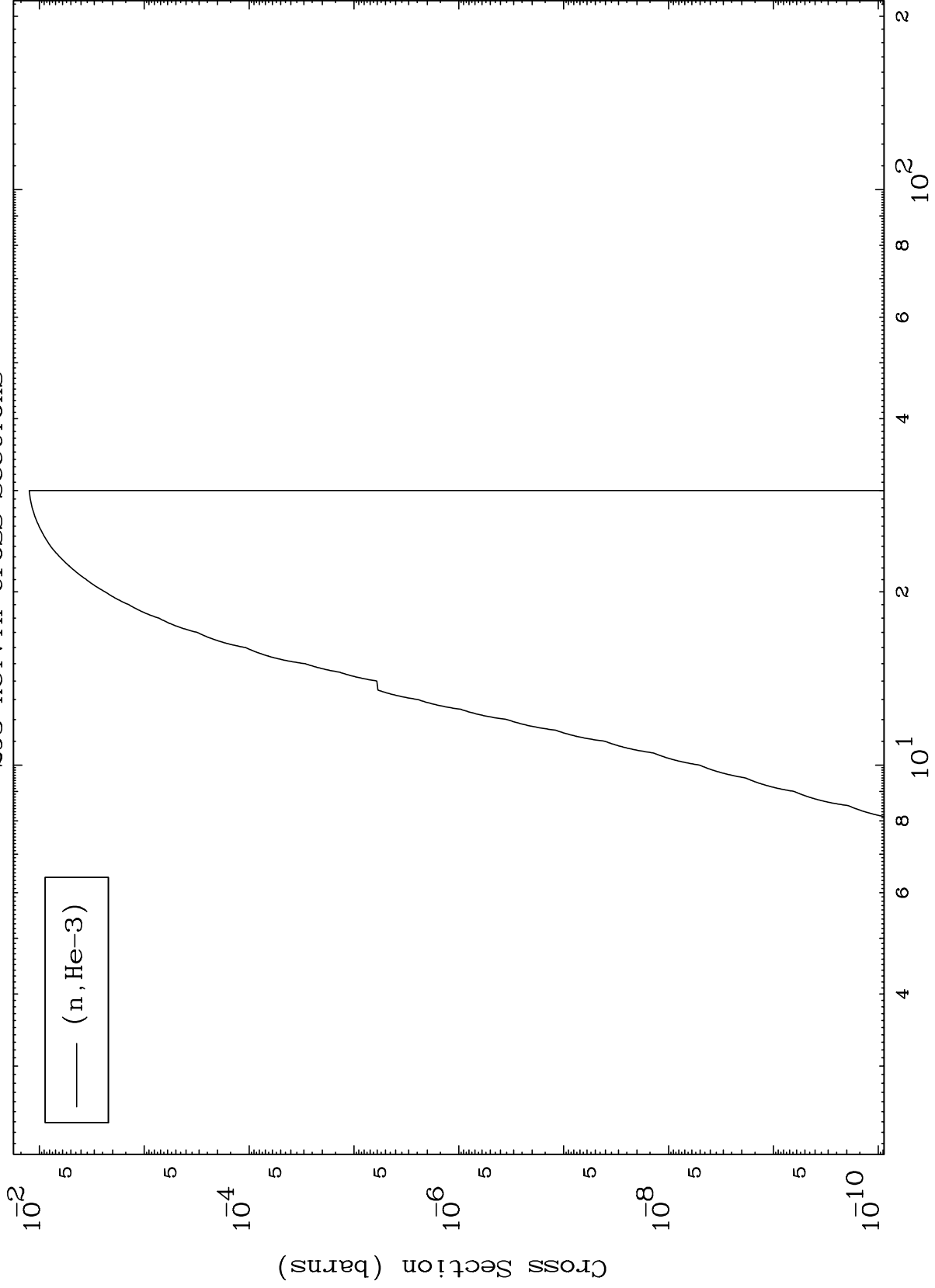
Incident Energy (MeV)

43-Tc-91

MAT 4301

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-91



11

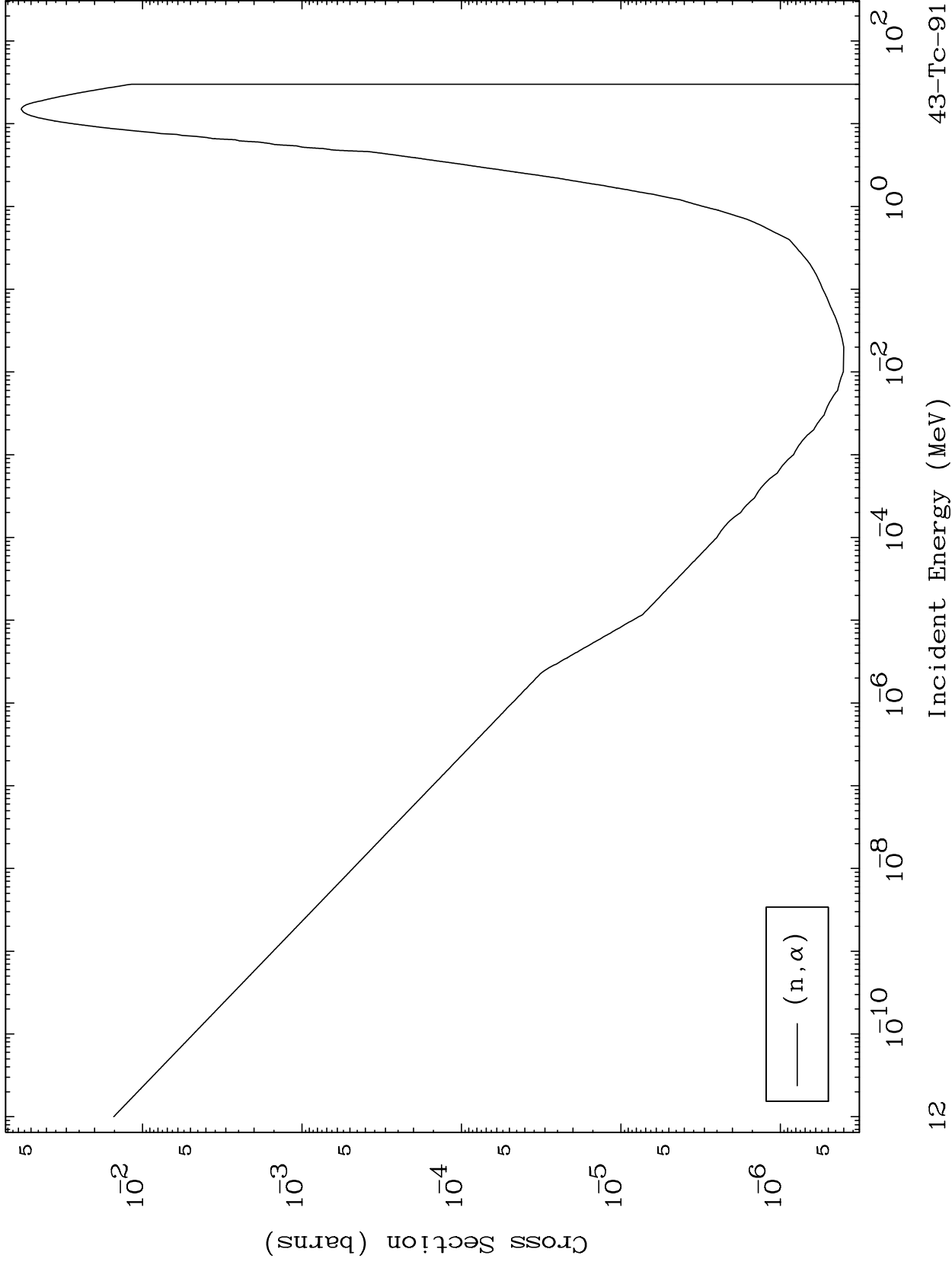
Incident Energy (MeV)

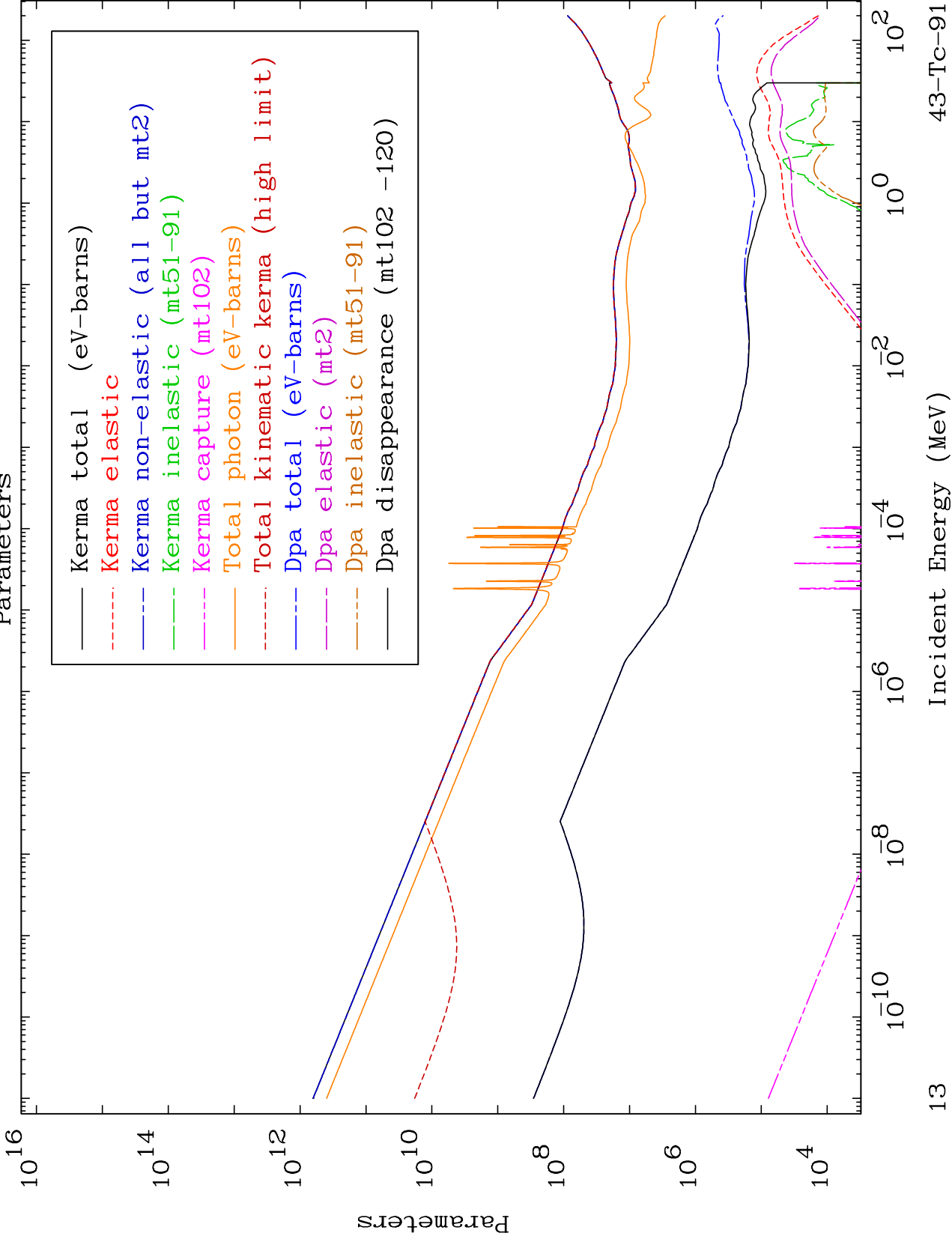
43-Tc-91

MAT 4301

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

43-Tc-91

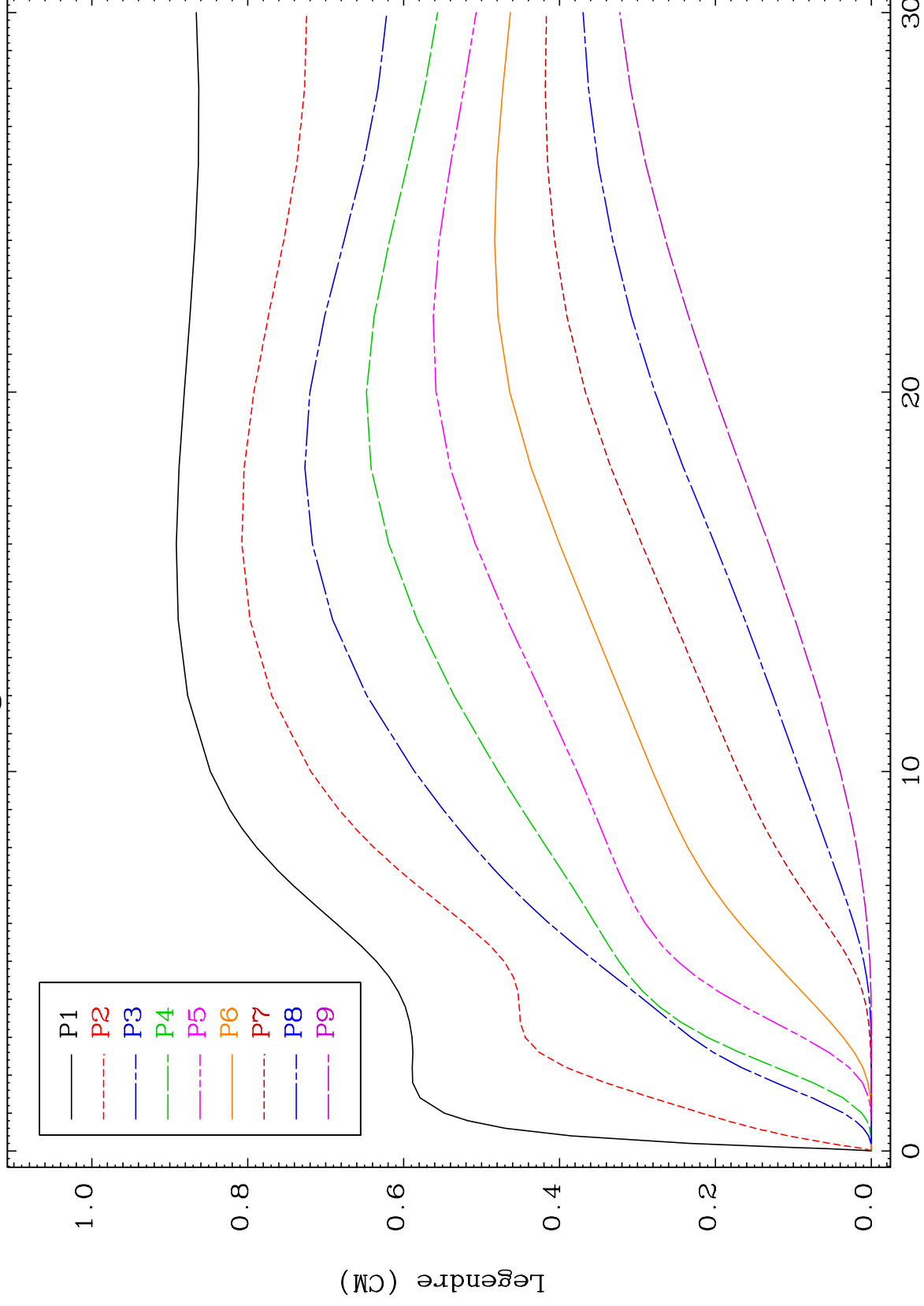




MAT 4301

Elastic Legendre Coefficients

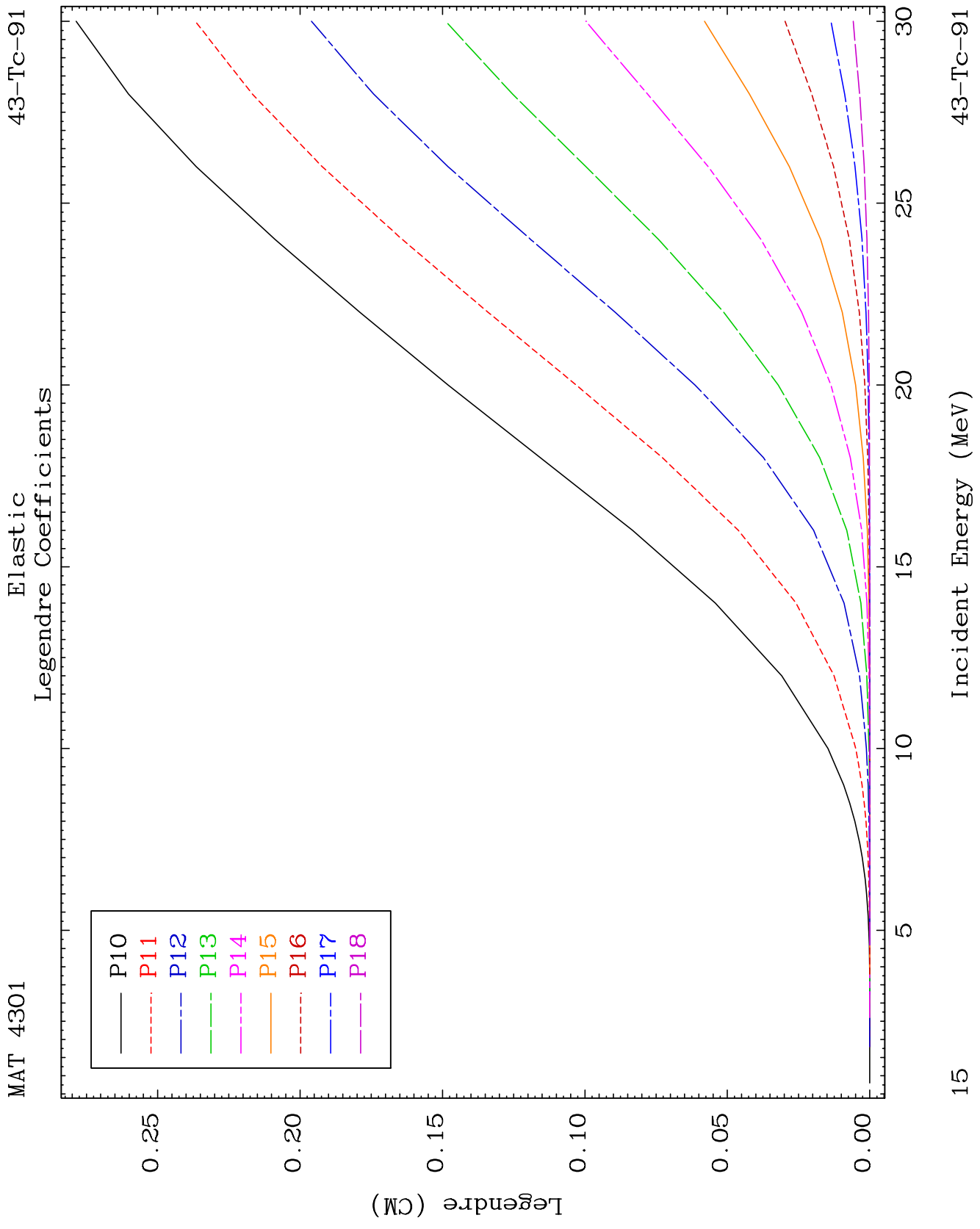
43-Tc-91



14

Incident Energy (MeV)

43-Tc-91

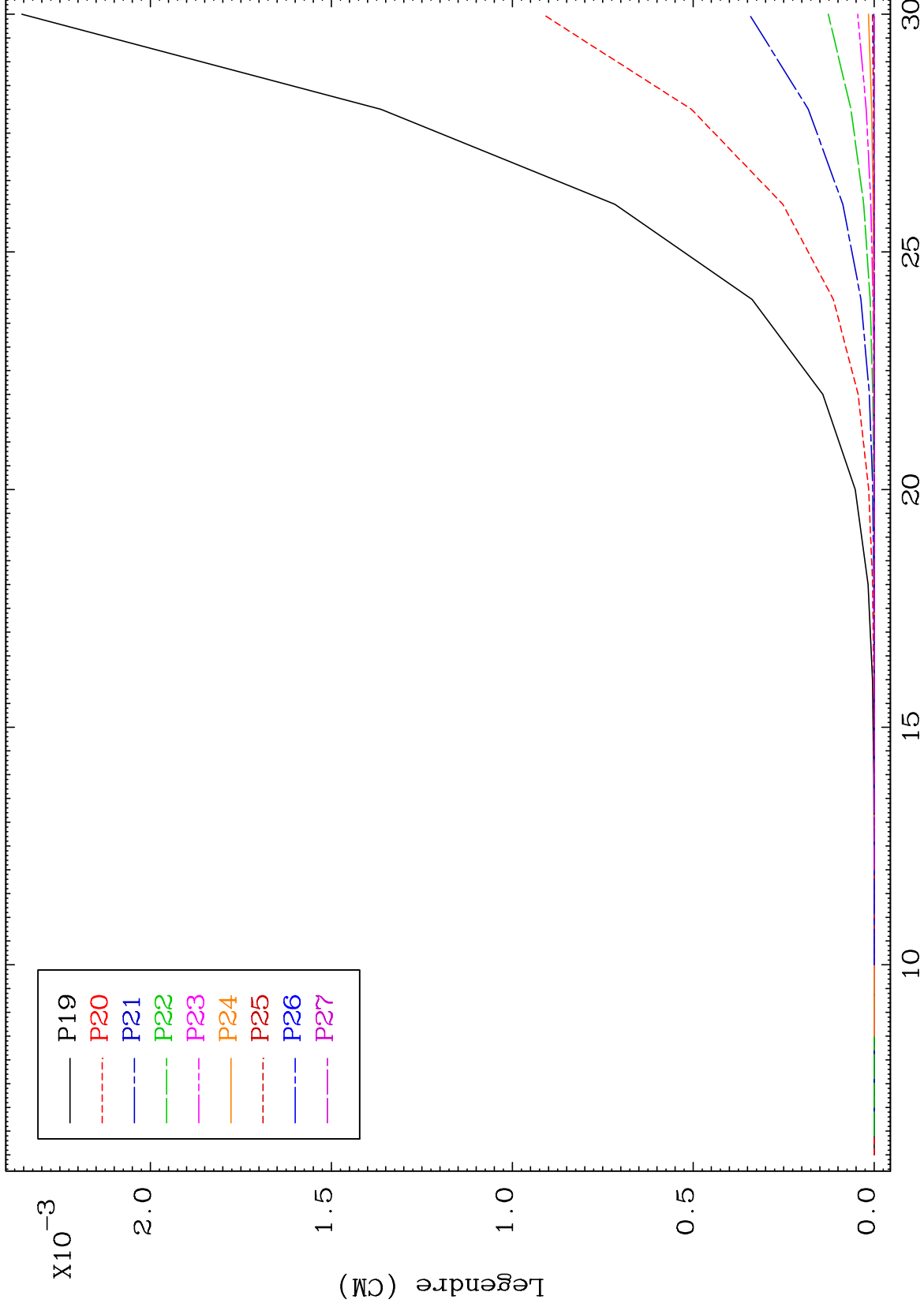




MAT 4301

Elastic  
Legendre Coefficients

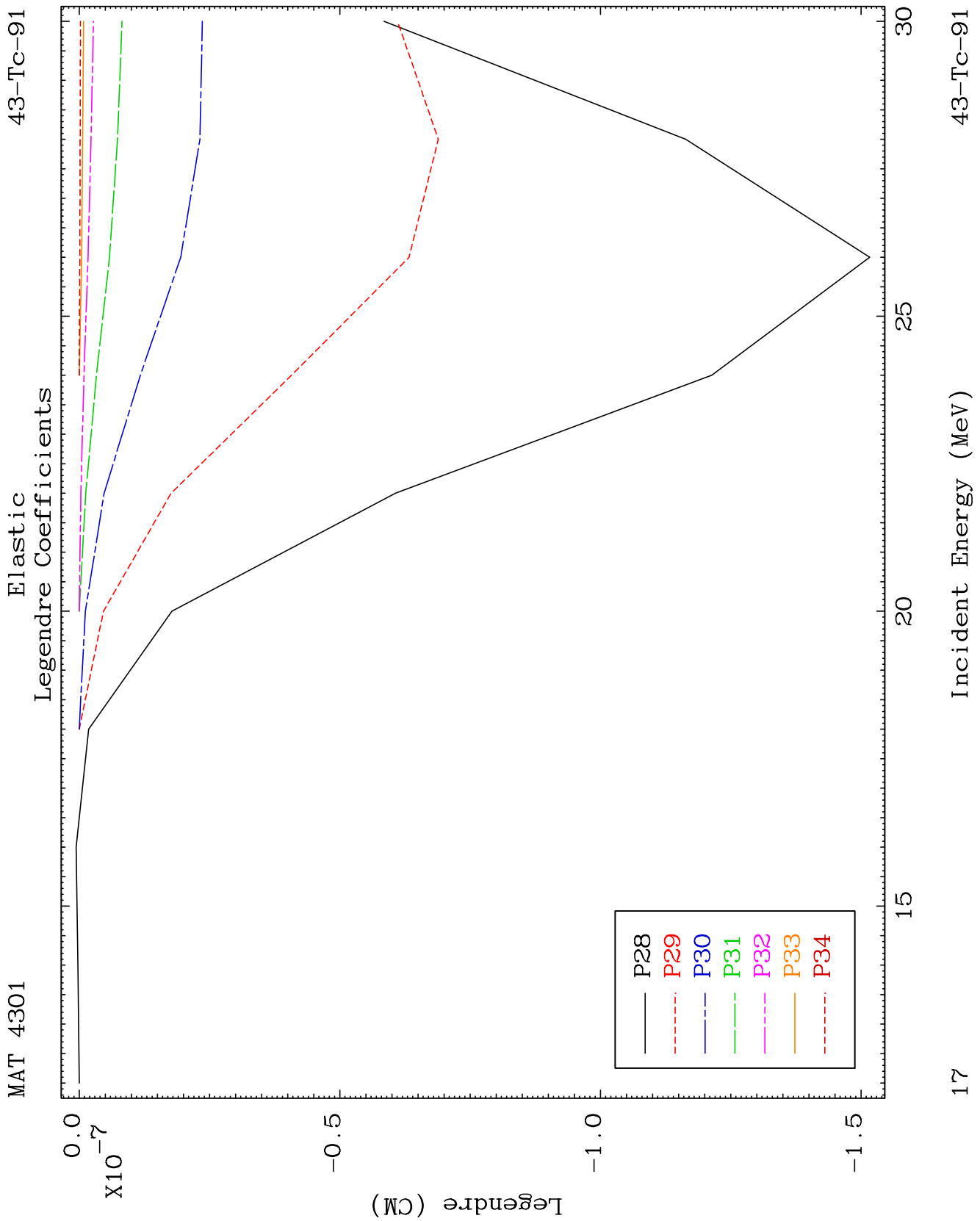
43-Tc-91



16

Incident Energy (MeV)

43-Tc-91

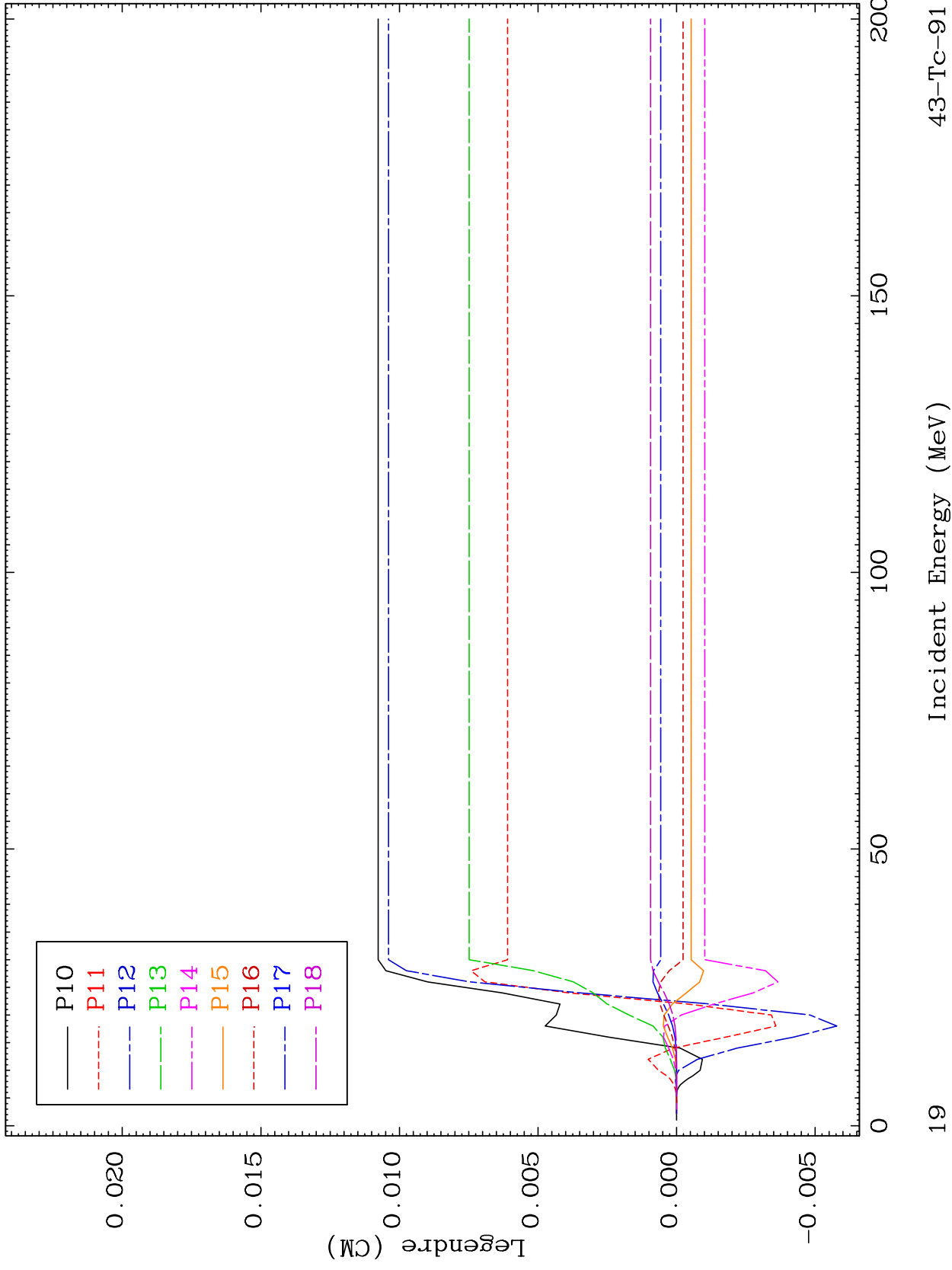




MAT 4301

139.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



19

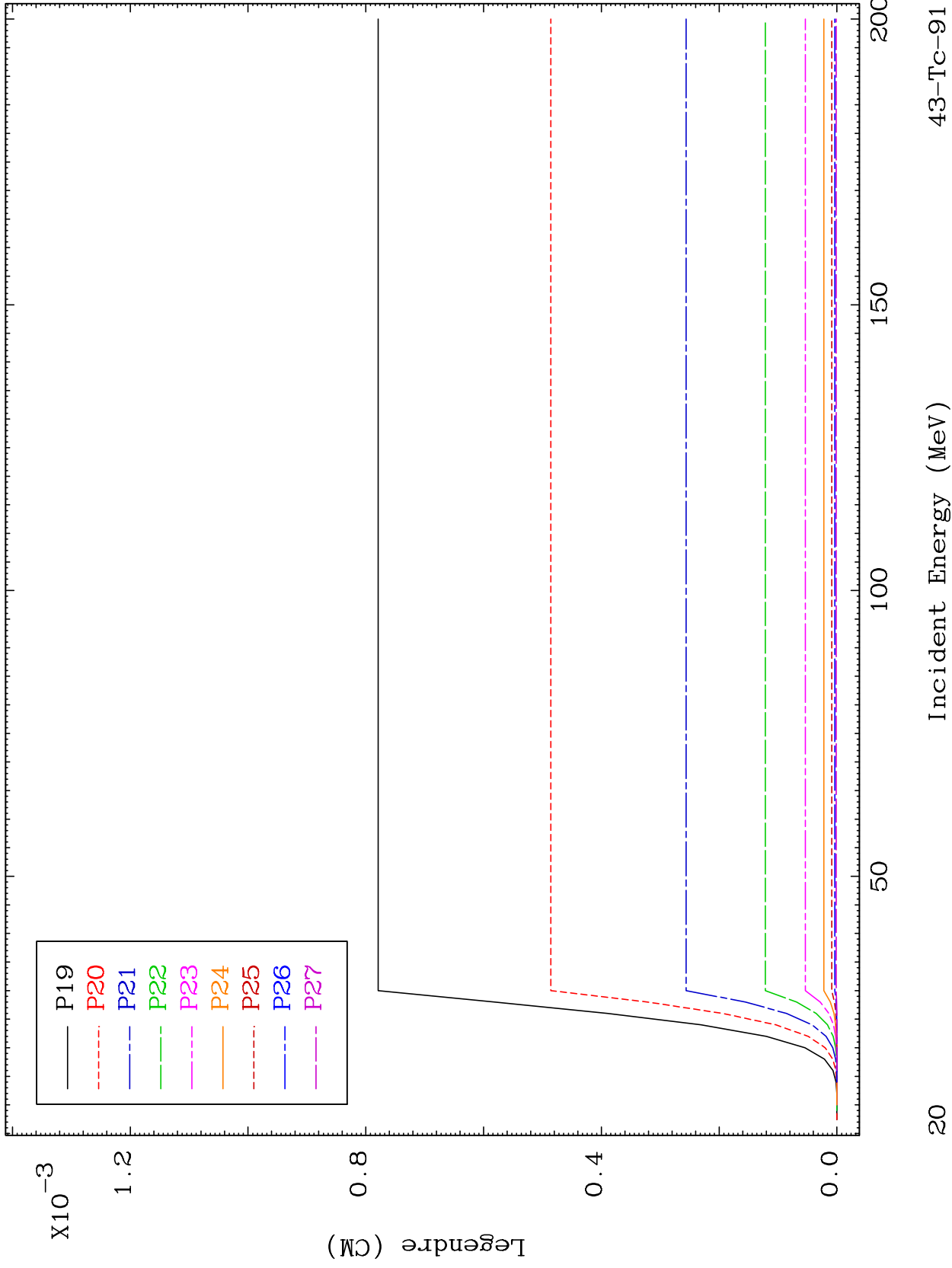
Incident Energy (MeV)

43-Tc-91

MAT 4301

139.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



20

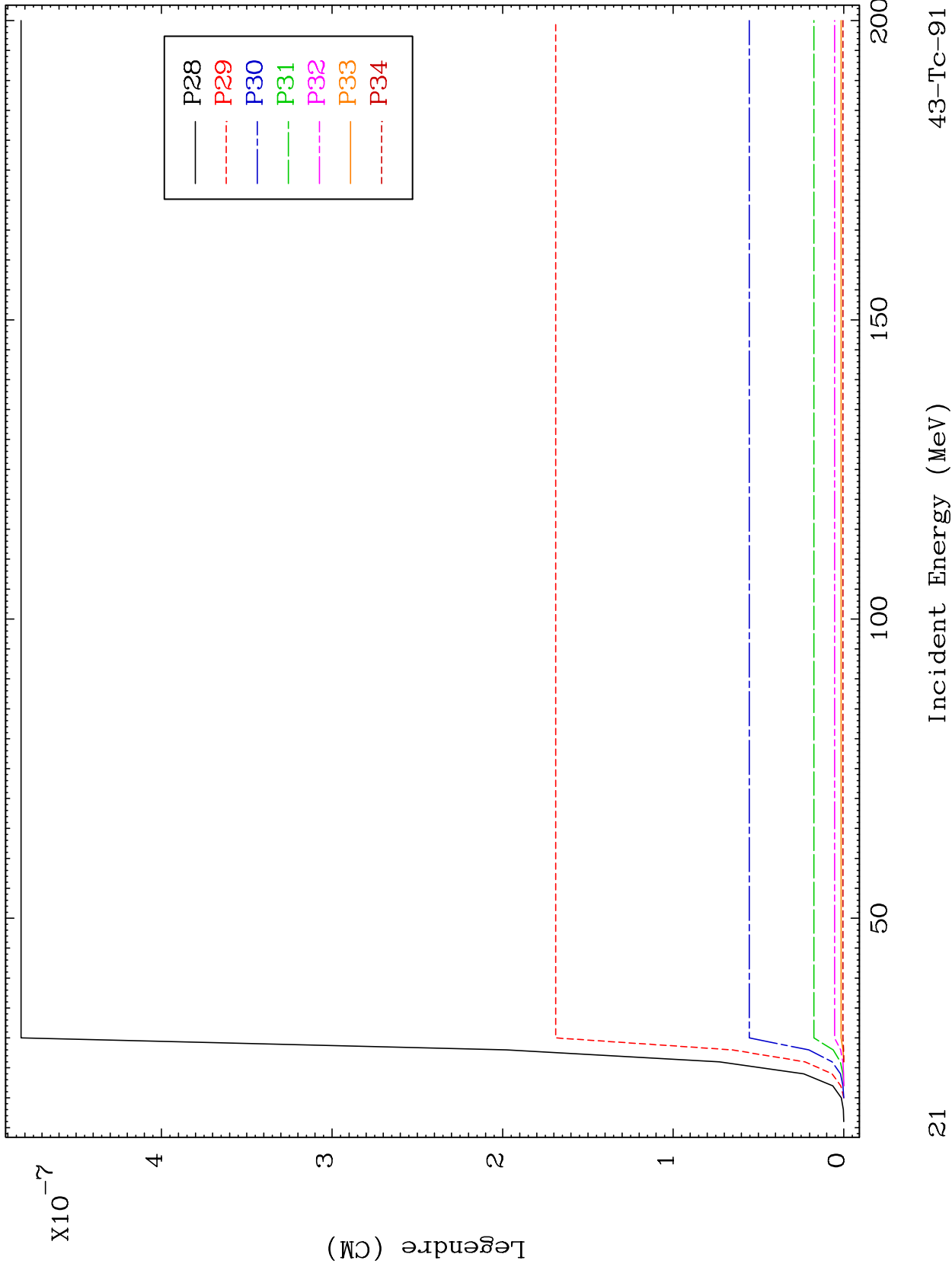
Incident Energy (MeV)

43-Tc-91

MAT 4301

139.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-91

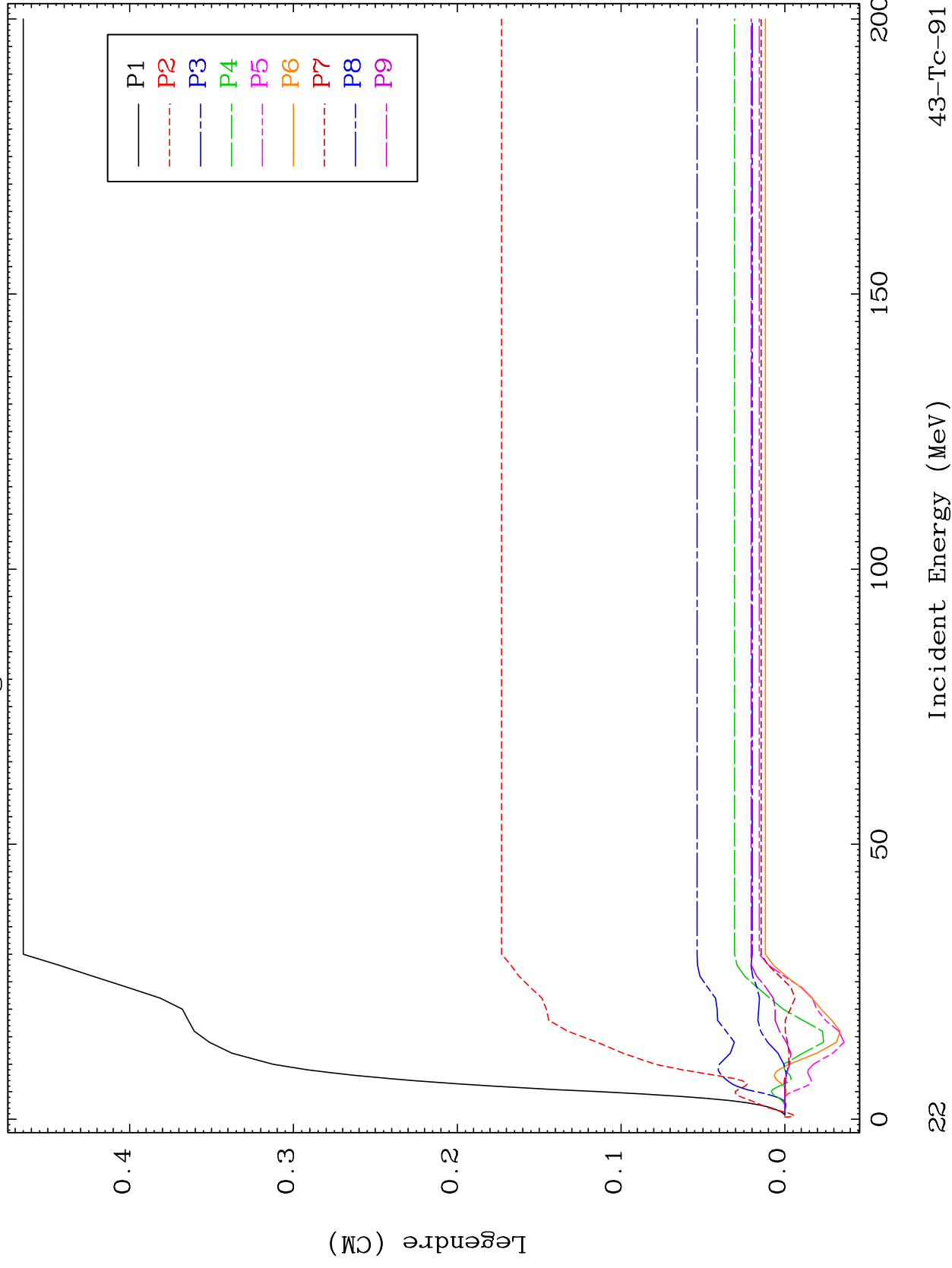


21

MAT 4301

394.5 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



22

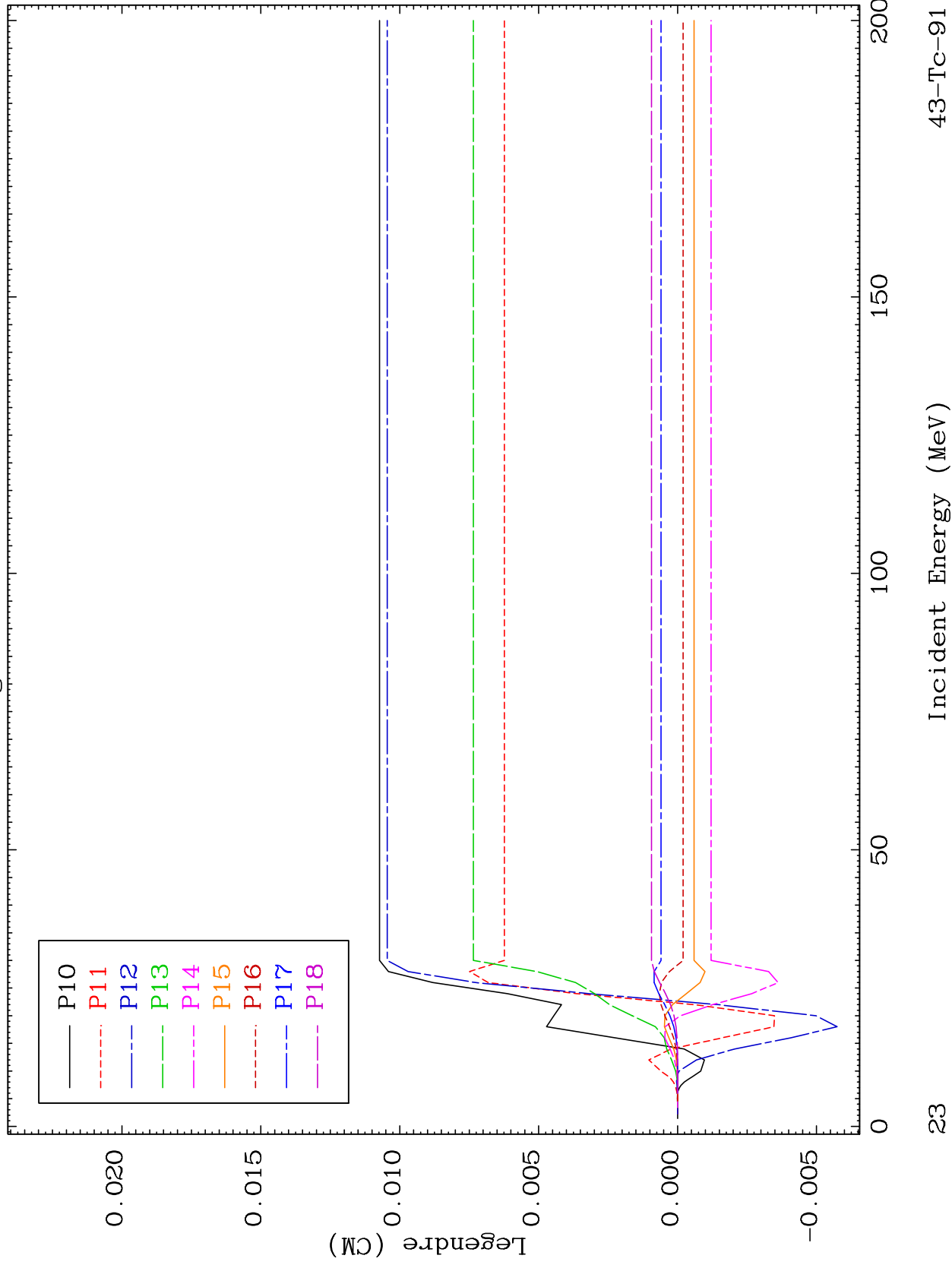
Incident Energy (MeV)

43-Tc-91

MAT 4301

394.5 keV (n,n') Level  
Legendre Coefficients

43-Tc-91

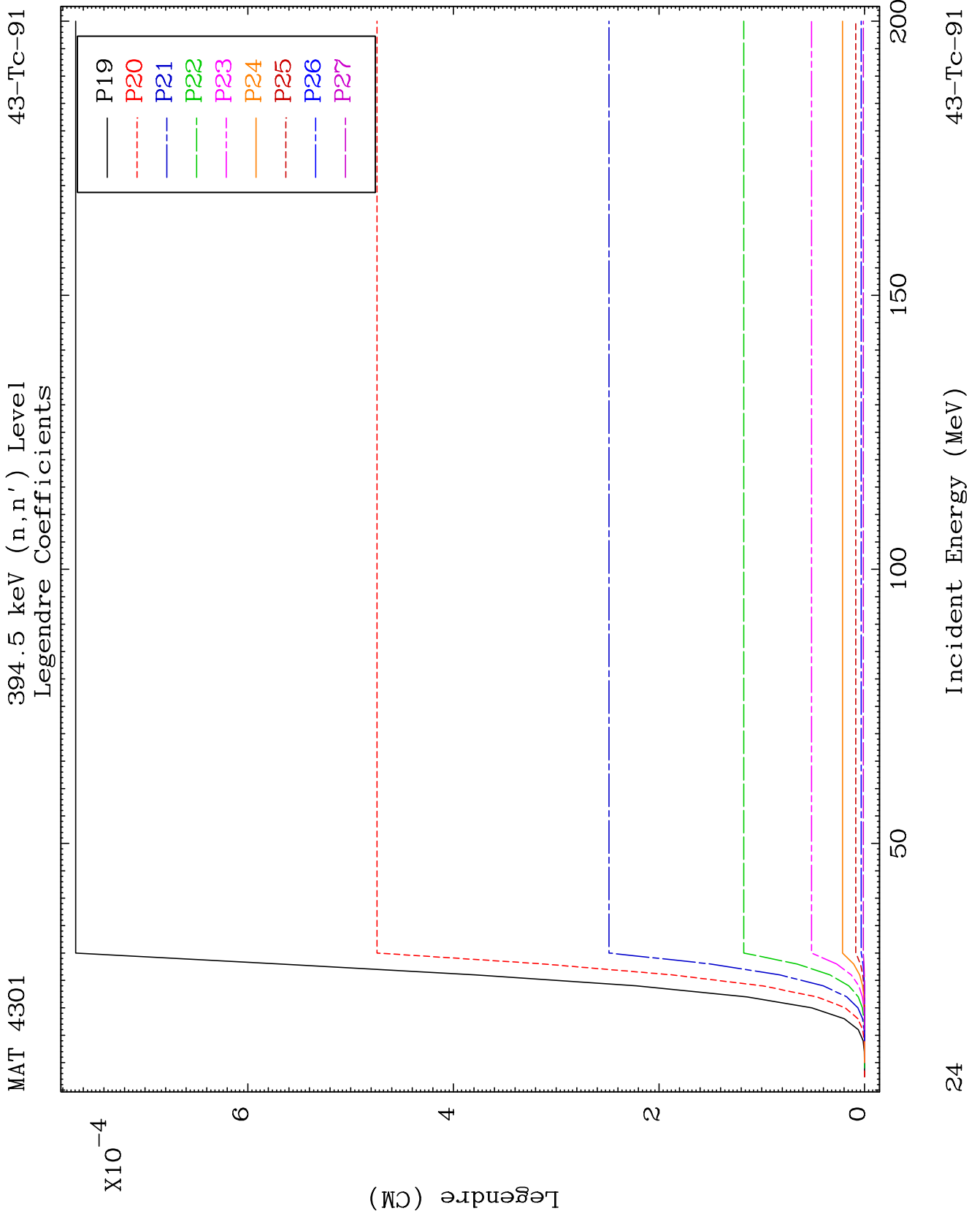


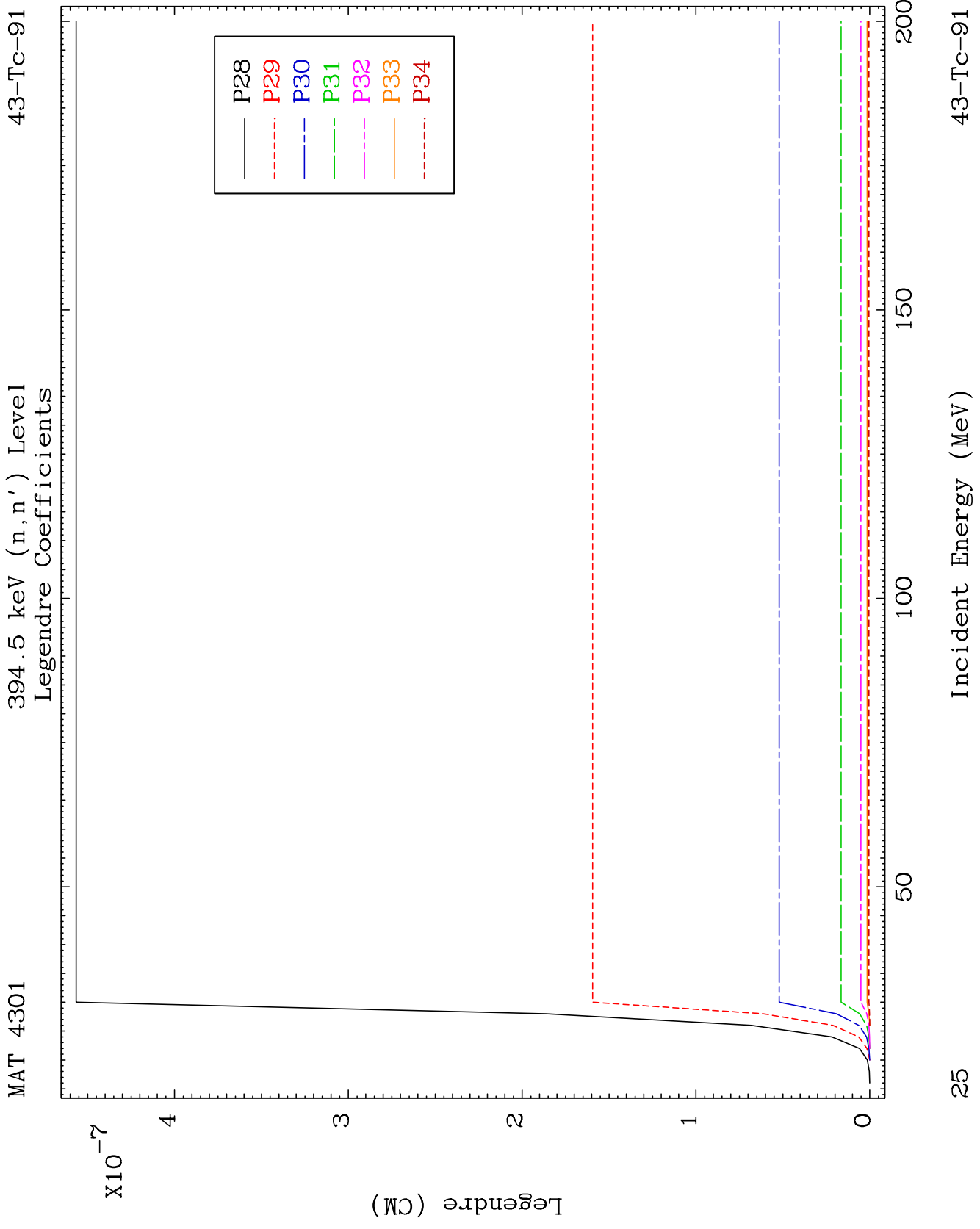
23

Incident Energy (MeV)

43-Tc-91





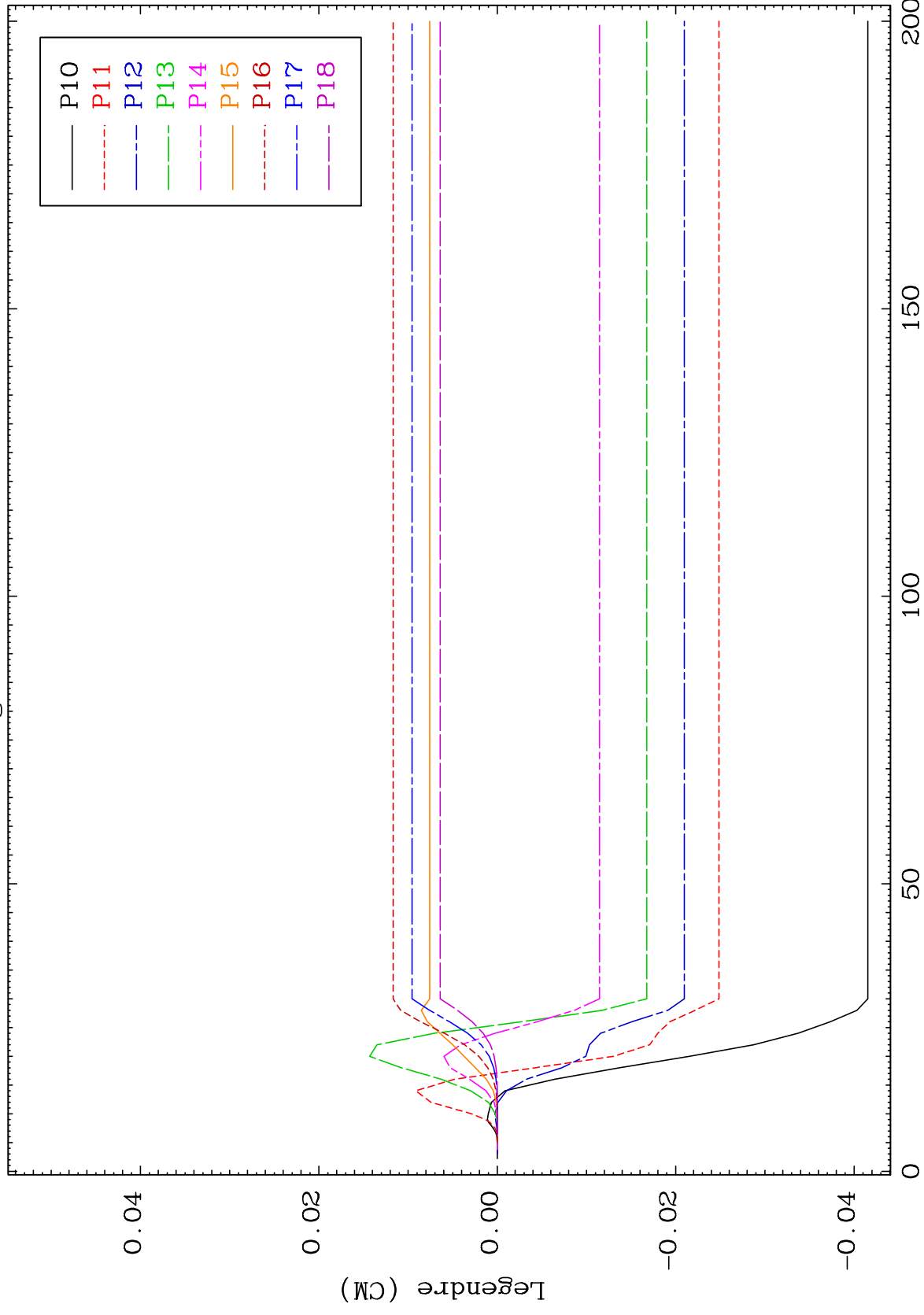




MAT 4301

698.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



27

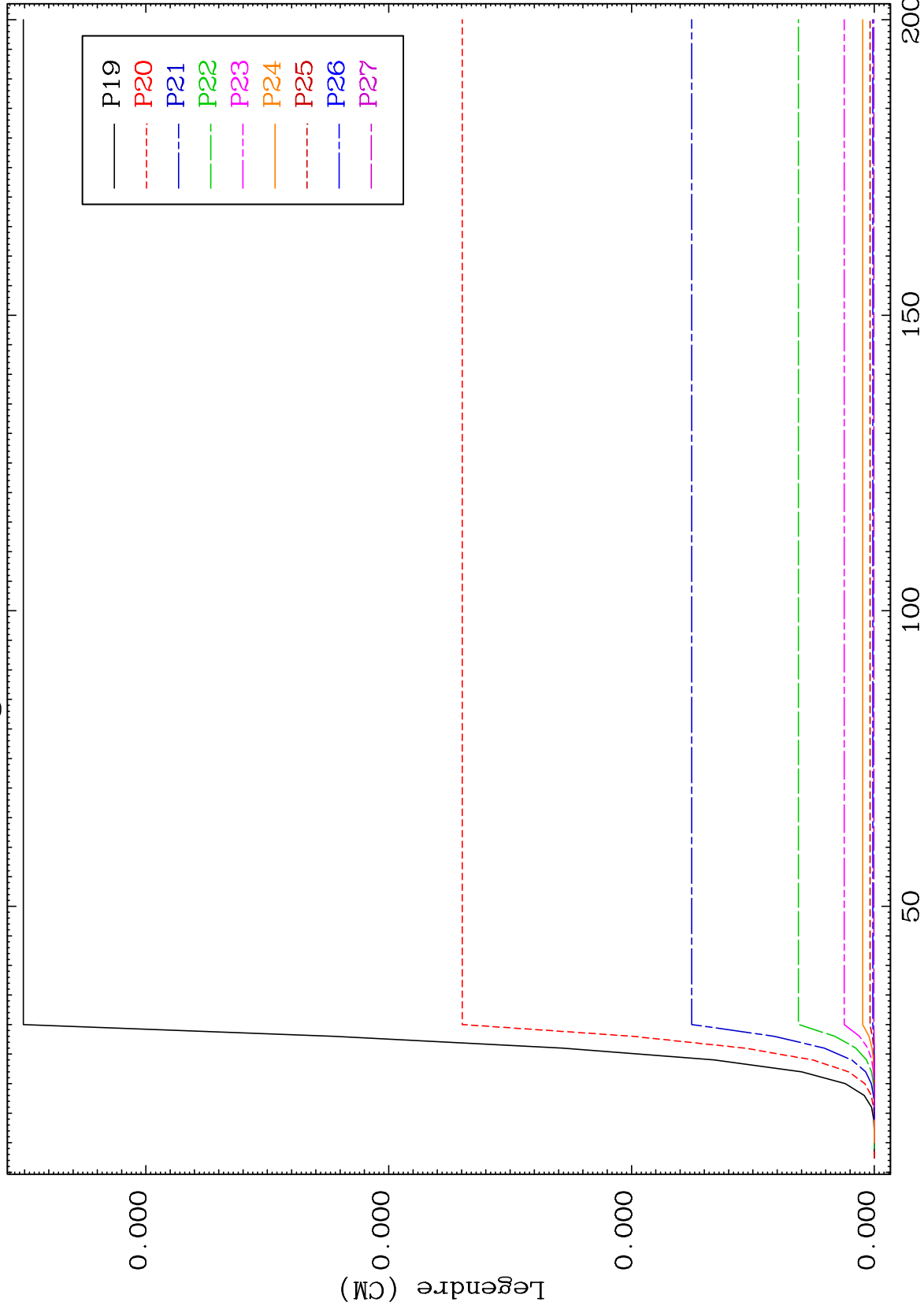
Incident Energy (MeV)

43-Tc-91

MAT 4301

698.9 keV (n,n') Level  
Legendre Coefficients

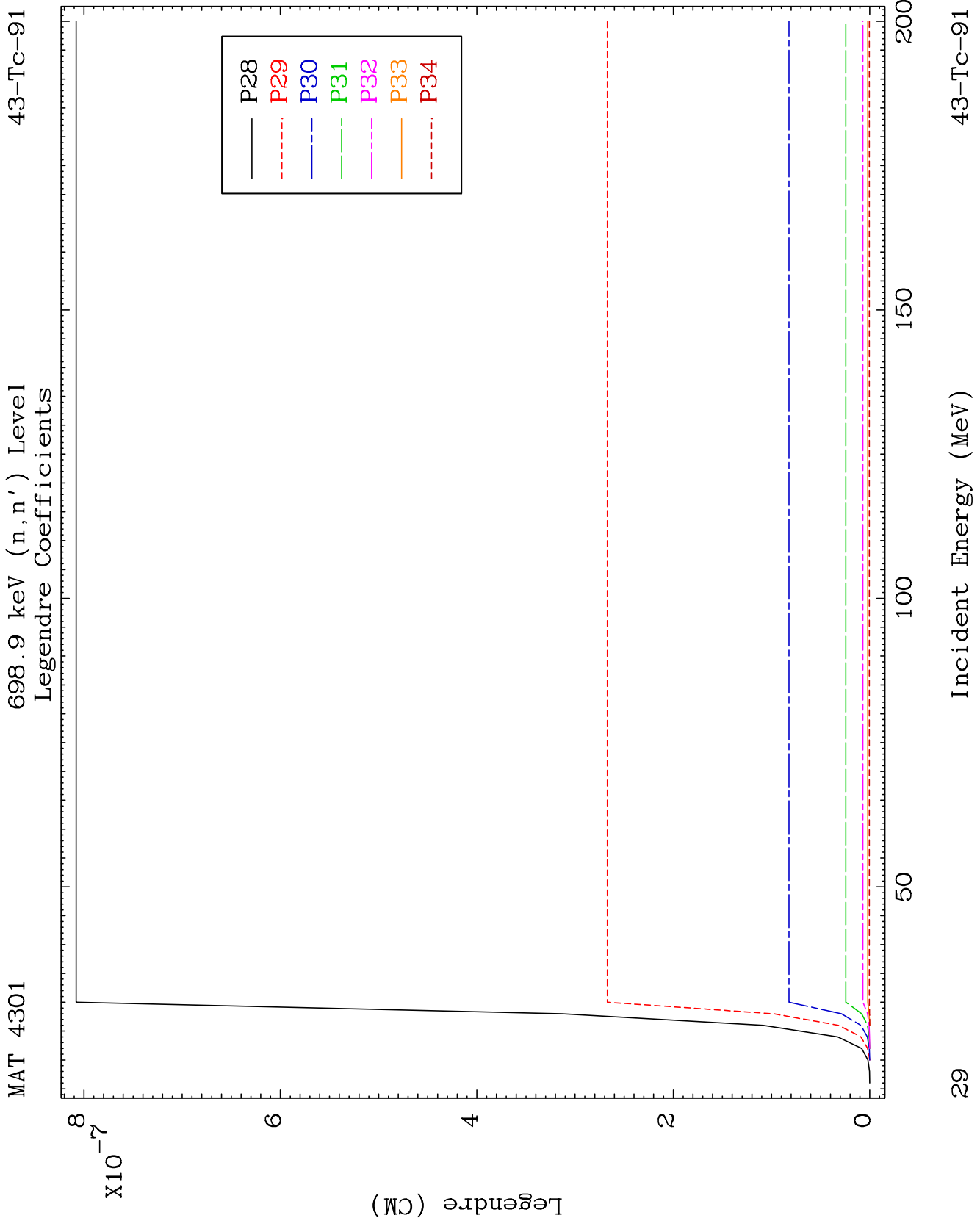
43-Tc-91



28

Incident Energy (MeV)

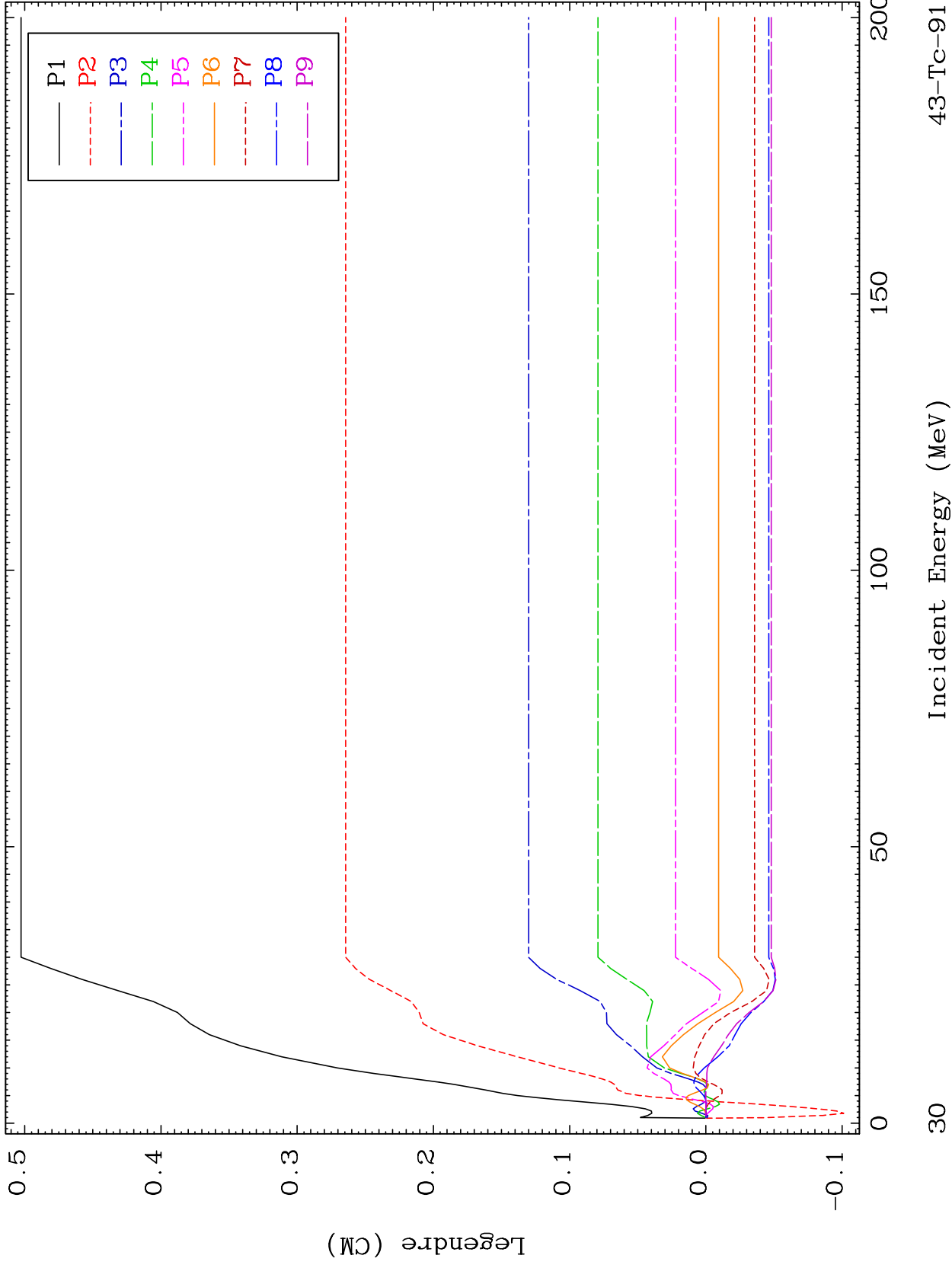
43-Tc-91



MAT 4301

884.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91

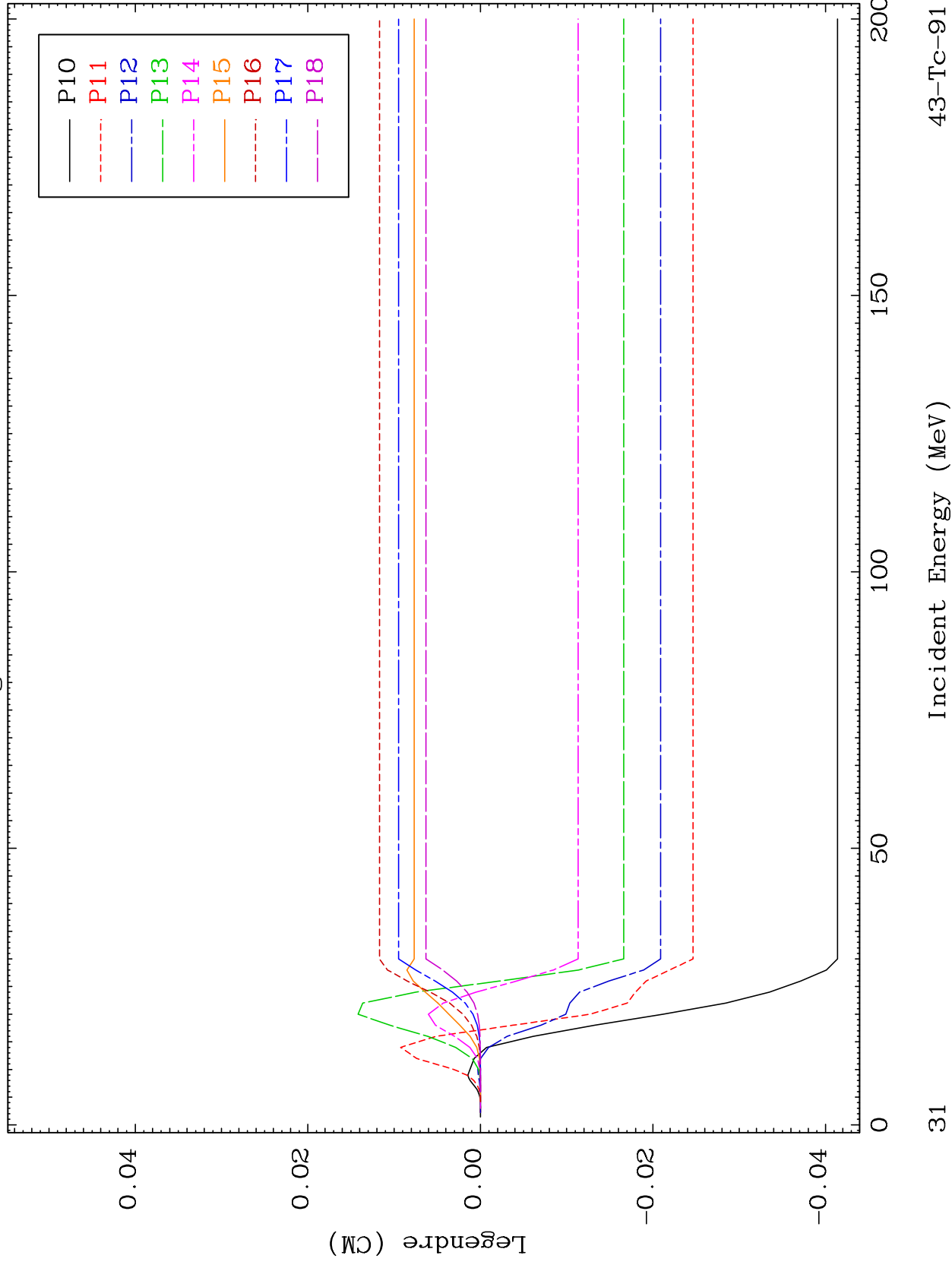


43-Tc-91

MAT 4301

884.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91

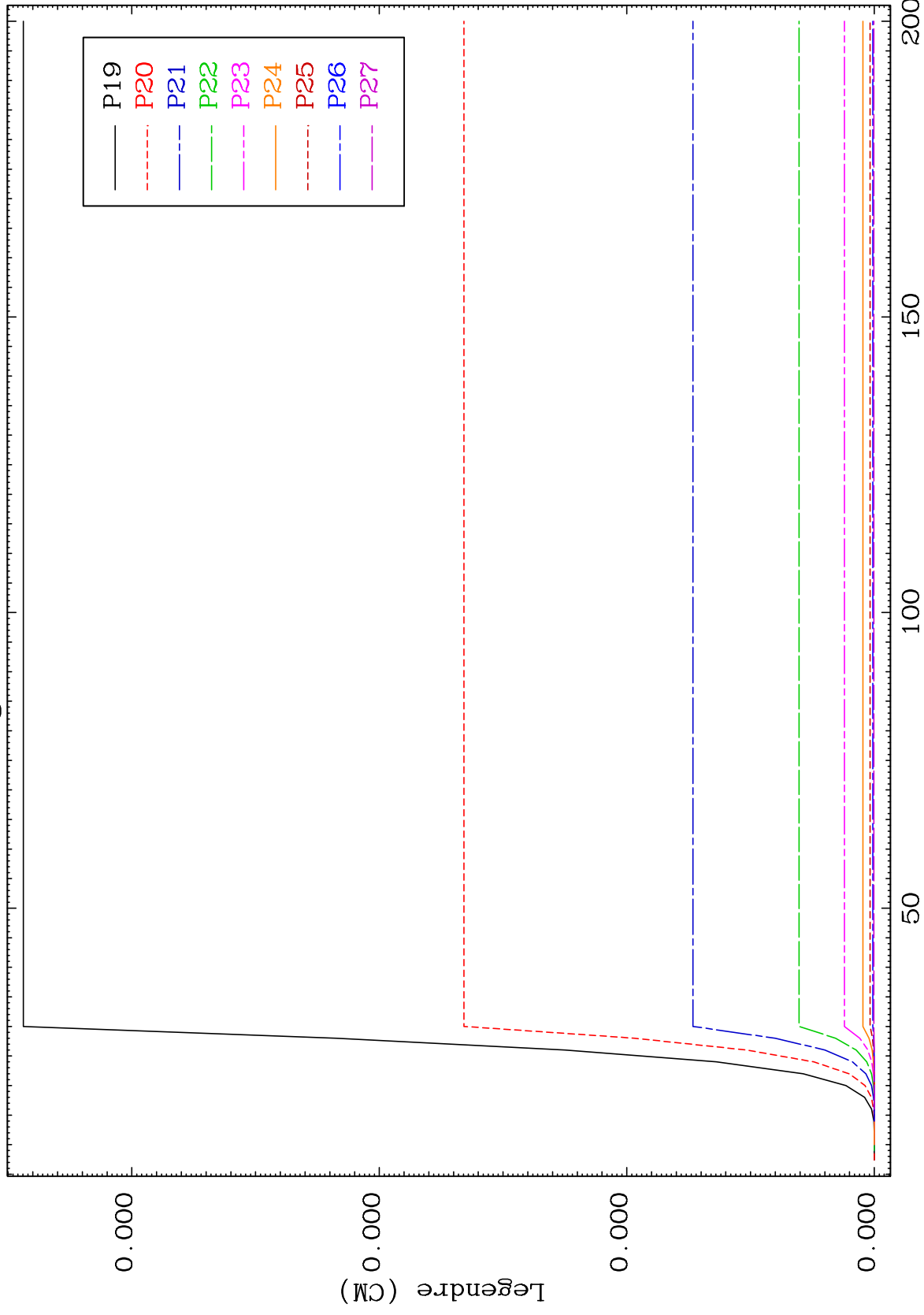




MAT 4301

884.9 keV (n, n') Level  
Legendre Coefficients

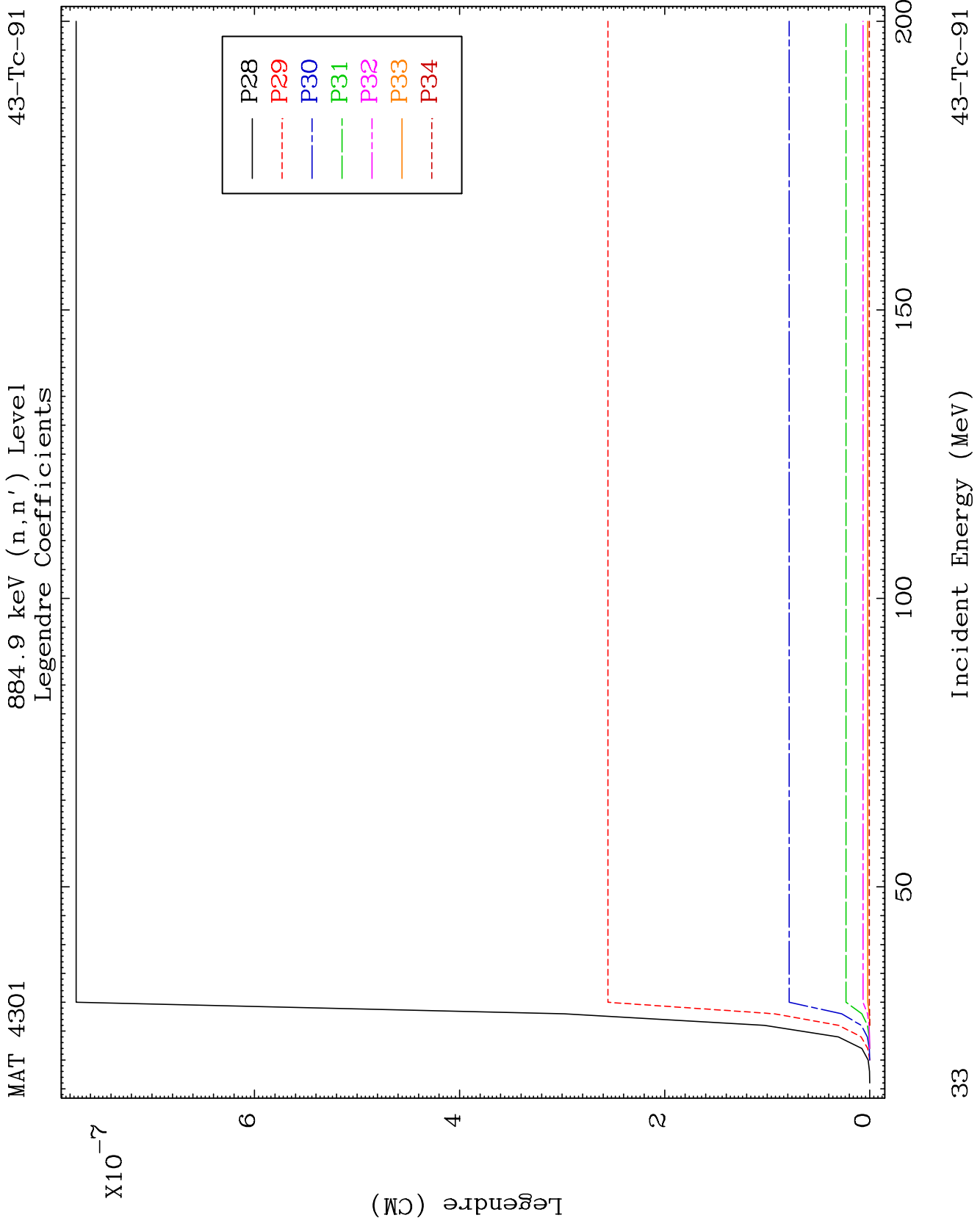
43-Tc-91



32

Incident Energy (MeV)

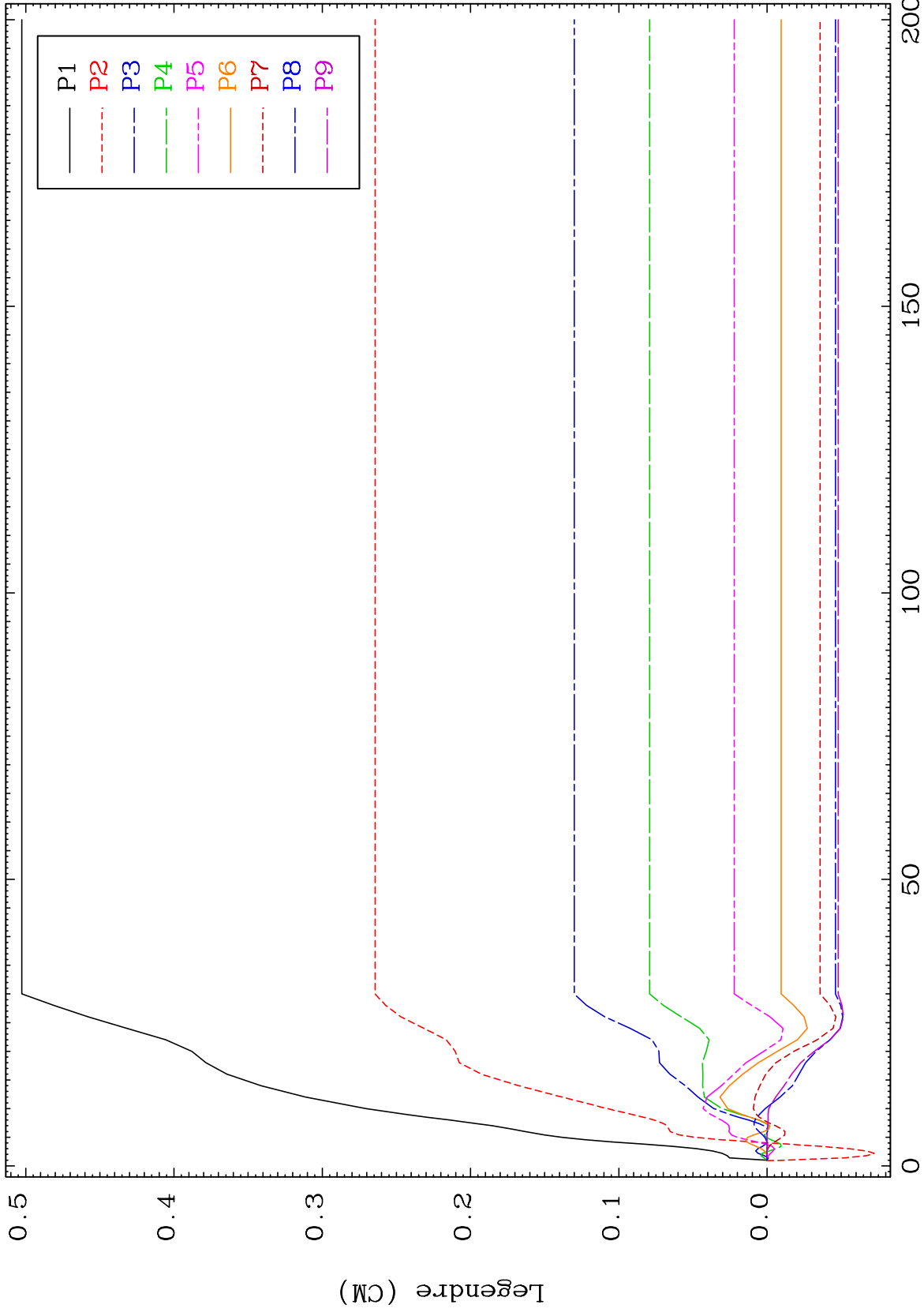
43-Tc-91



MAT 4301

892.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



34

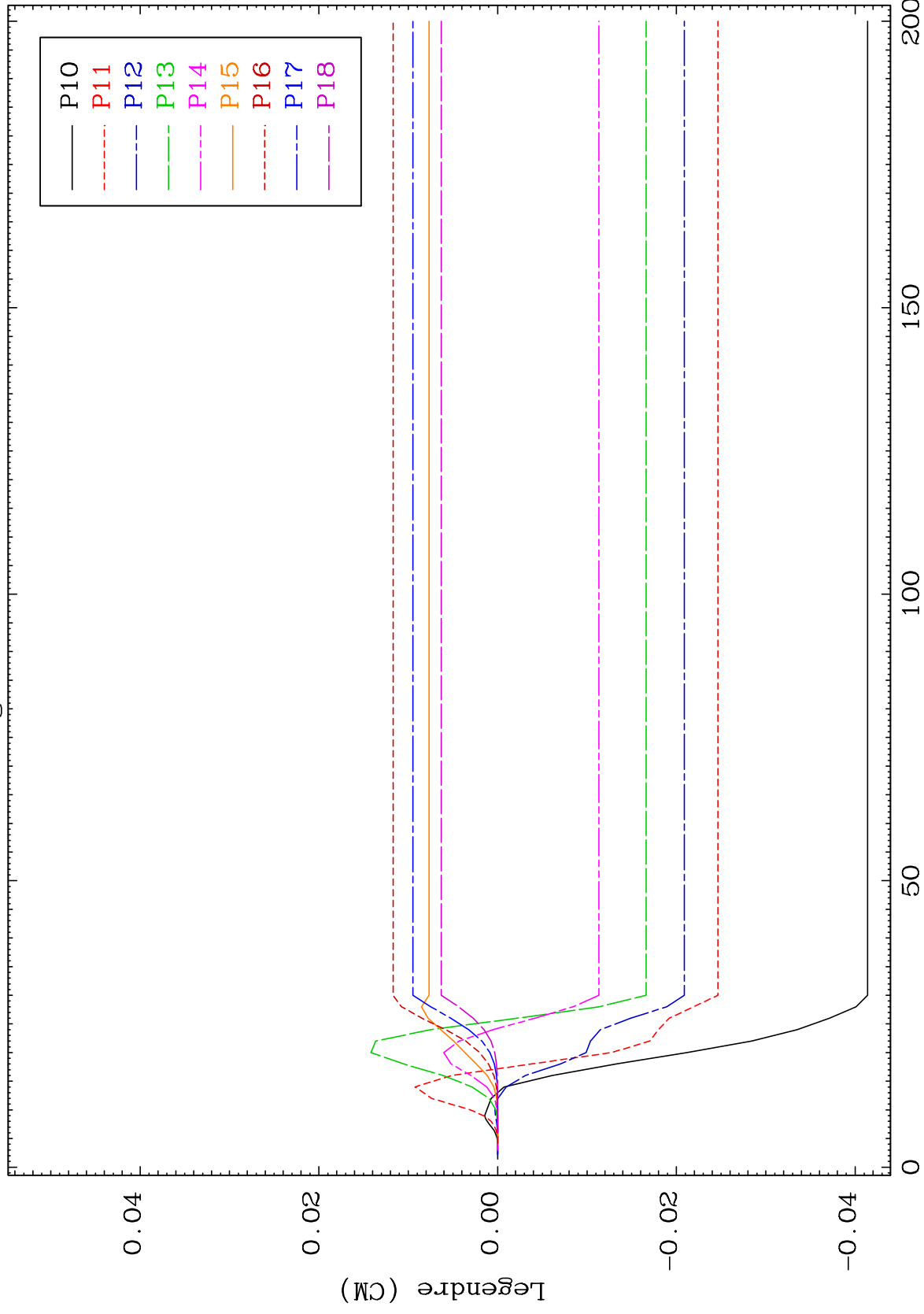
Incident Energy (MeV)

43-Tc-91

MAT 4301

892.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



35

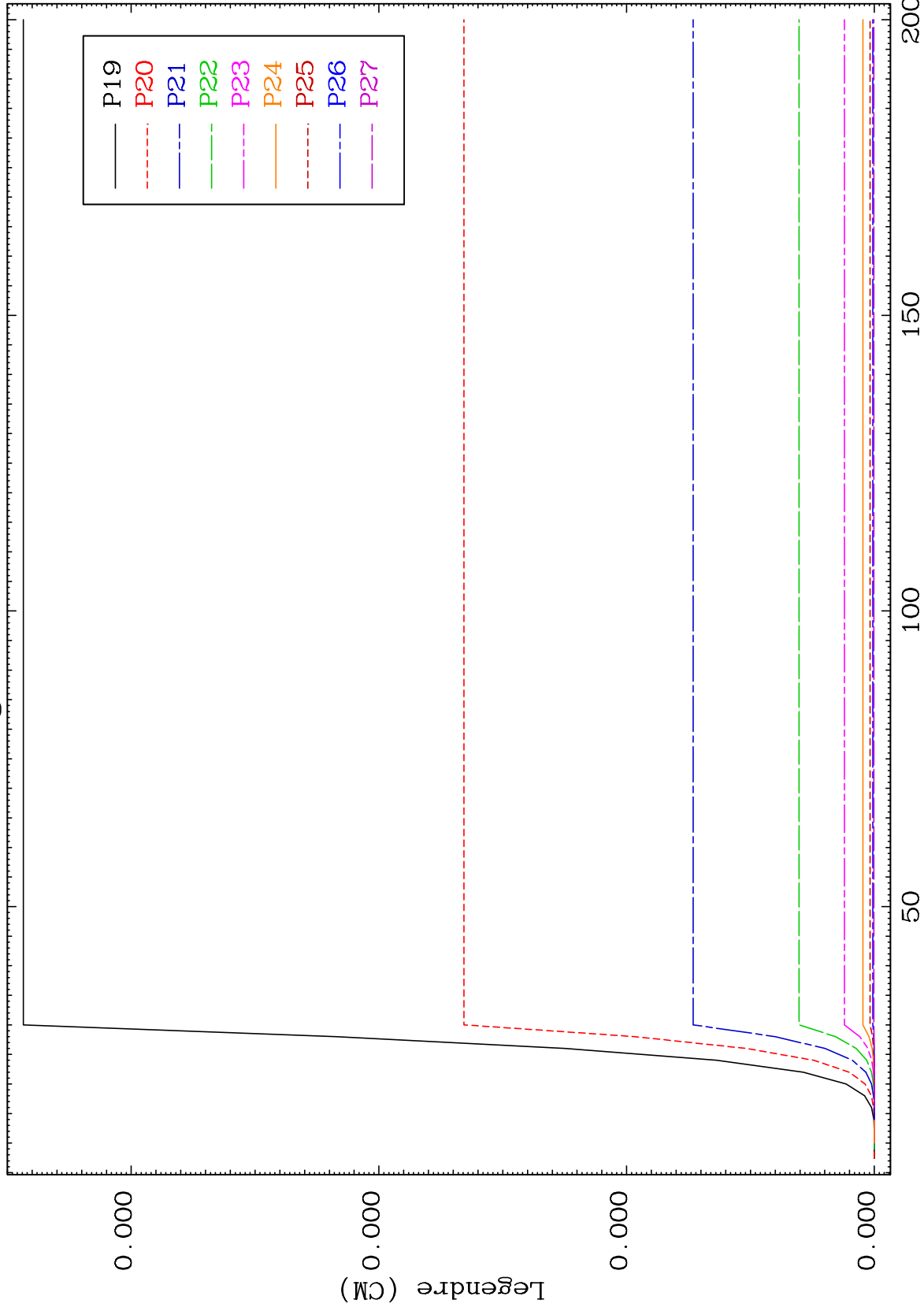
Incident Energy (MeV)

43-Tc-91

MAT 4301

892.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



36

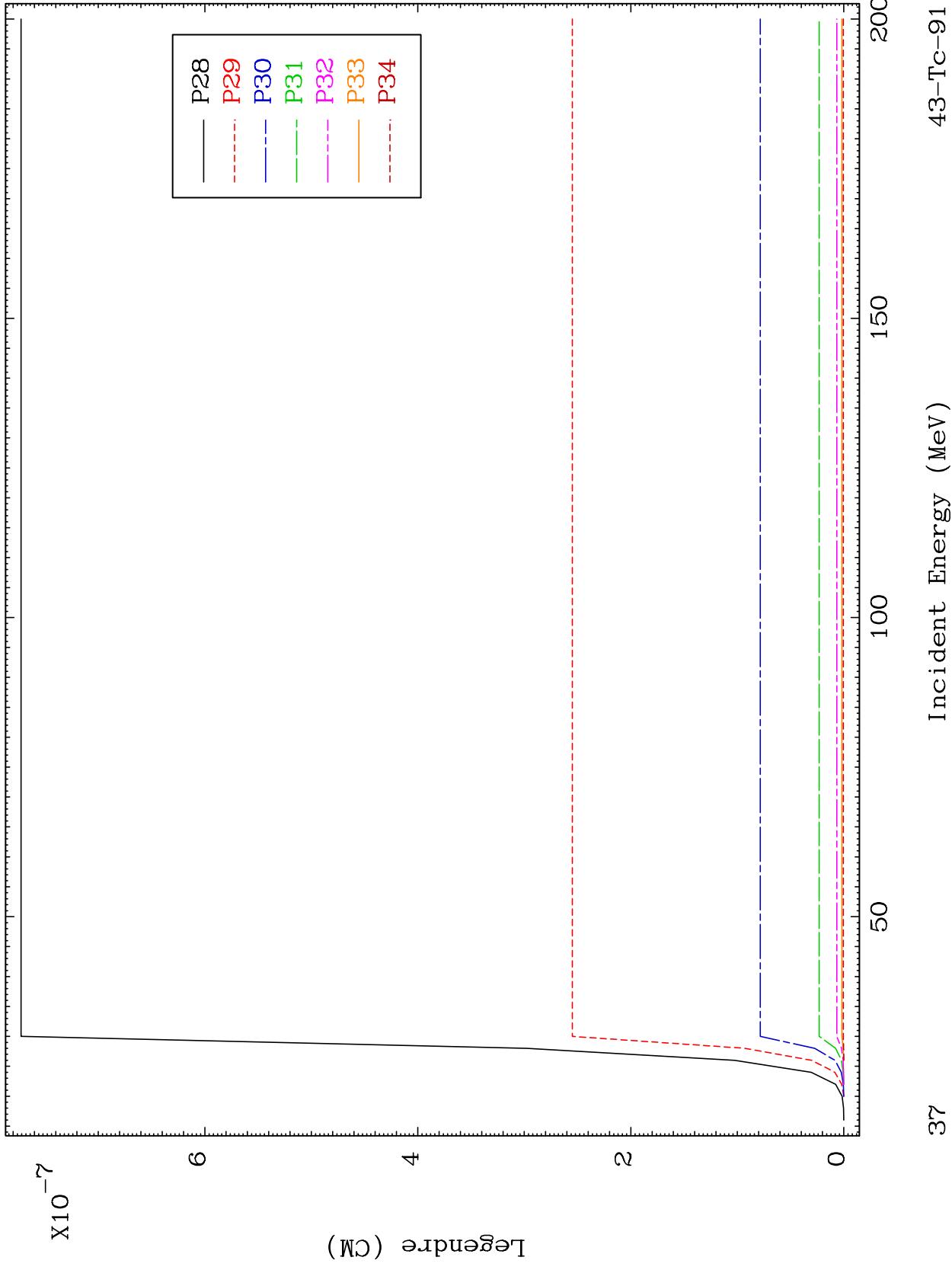
Incident Energy (MeV)

43-Tc-91

MAT 4301

892.9 keV (n,n') Level  
Legendre Coefficients

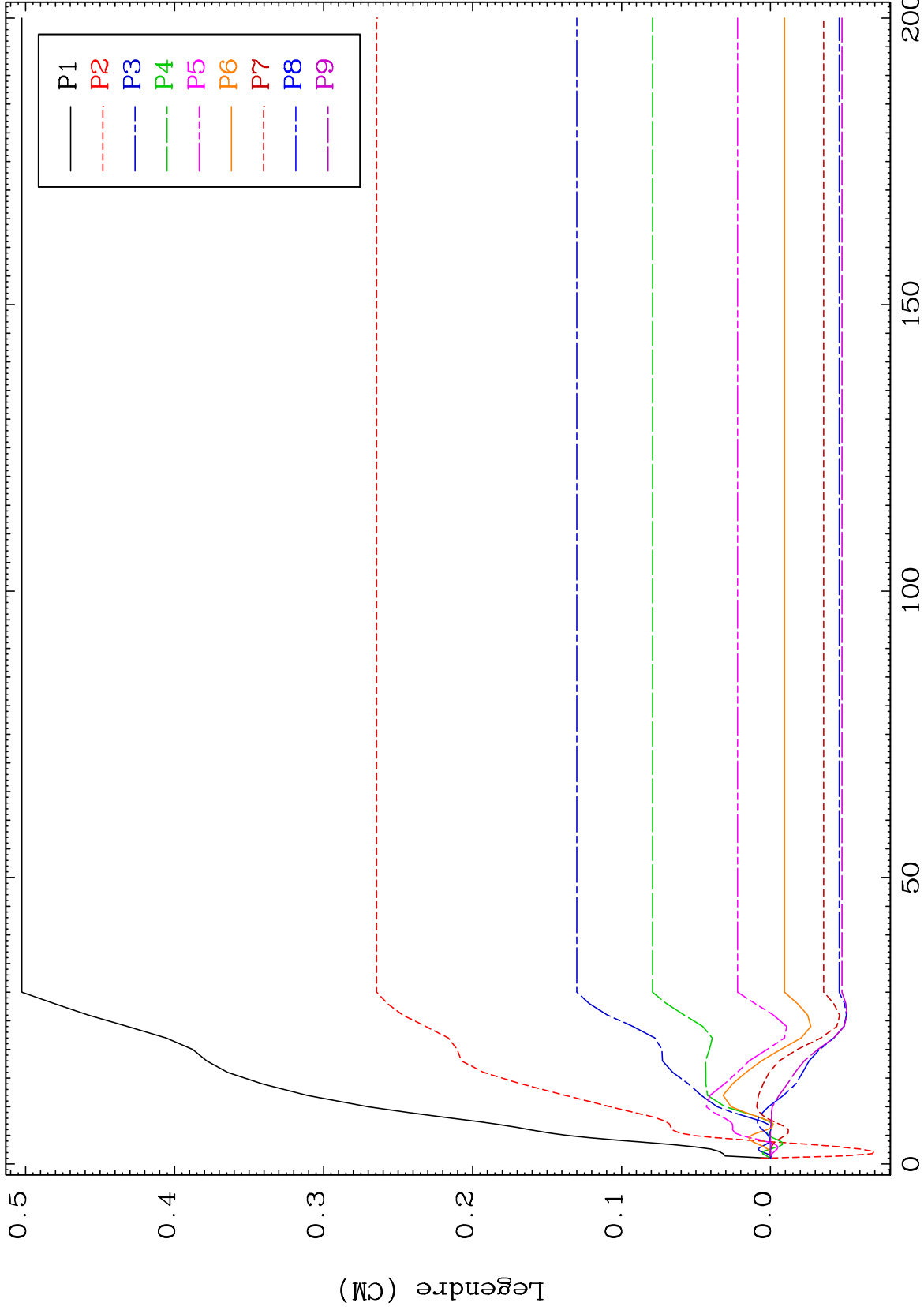
43-Tc-91



MAT 4301

905.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-91



38

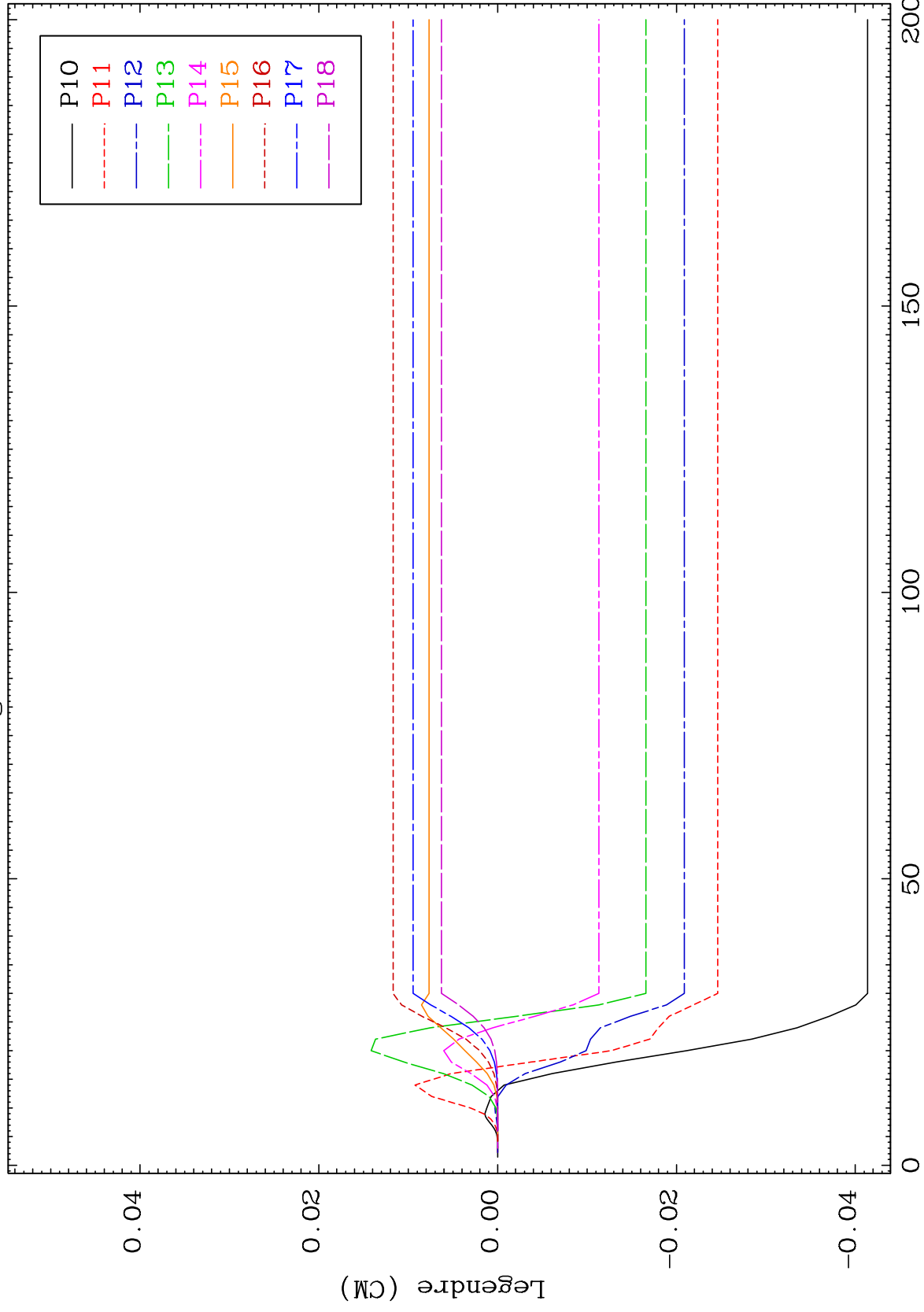
Incident Energy (MeV)

43-Tc-91

MAT 4301

905.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-91

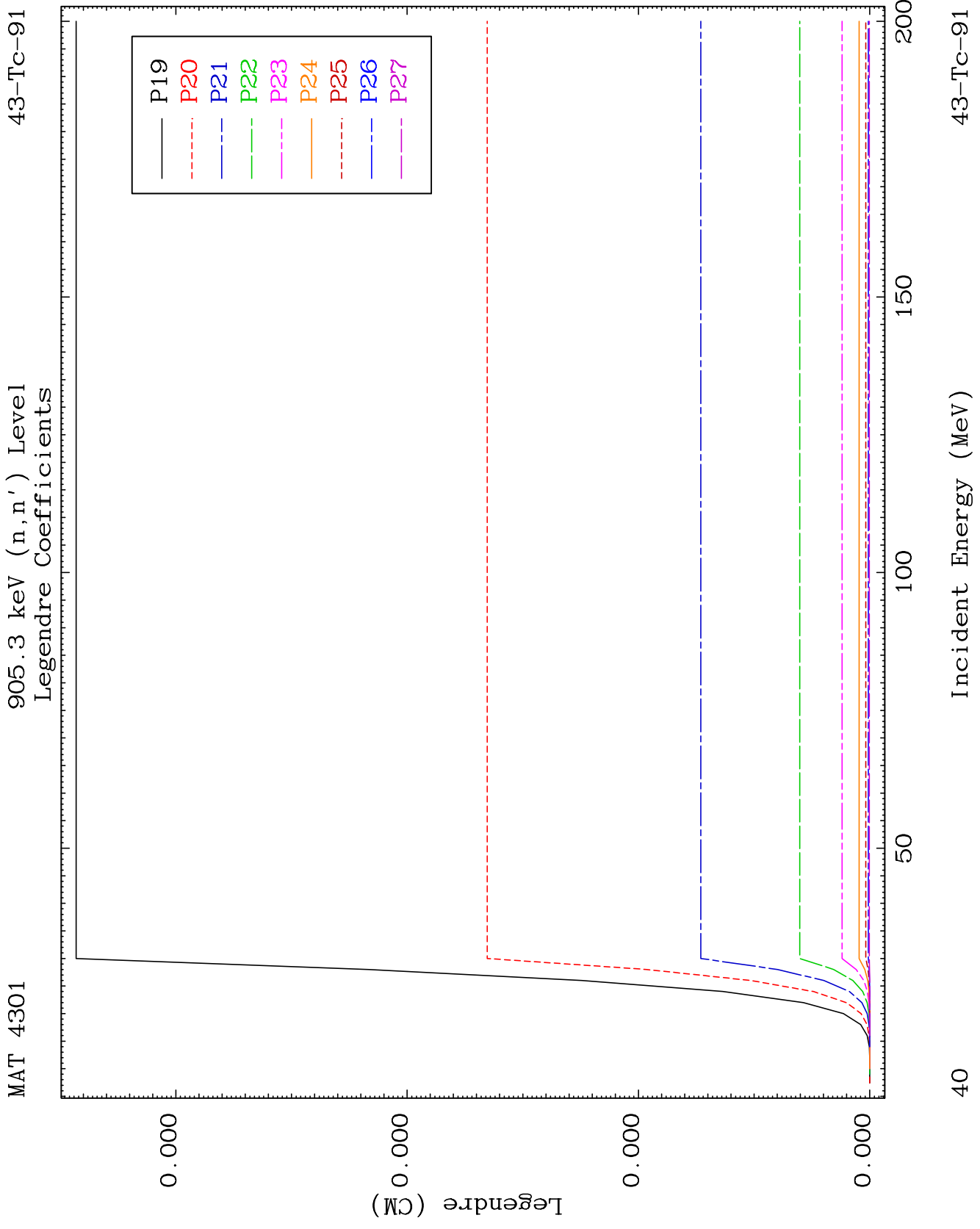


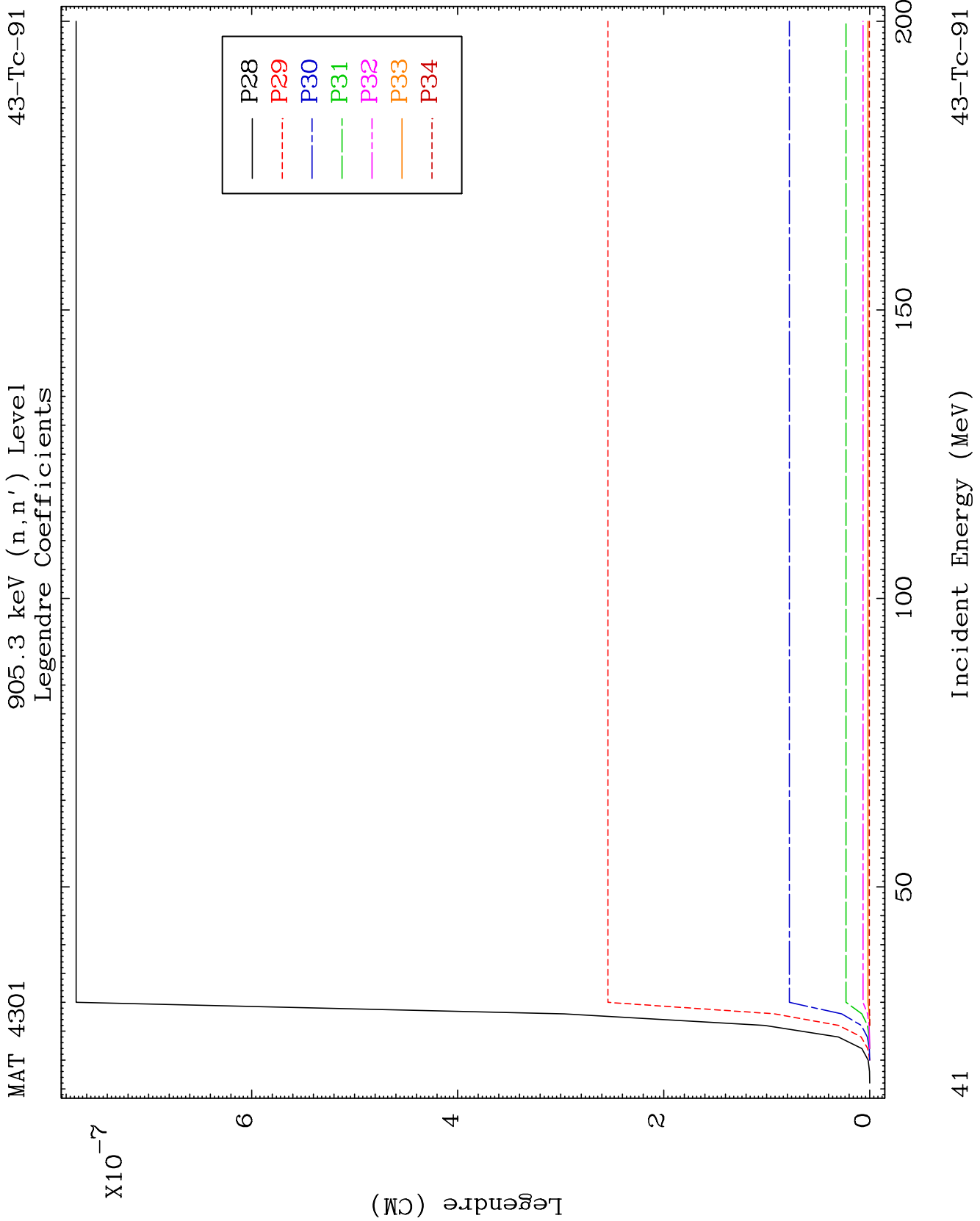
39

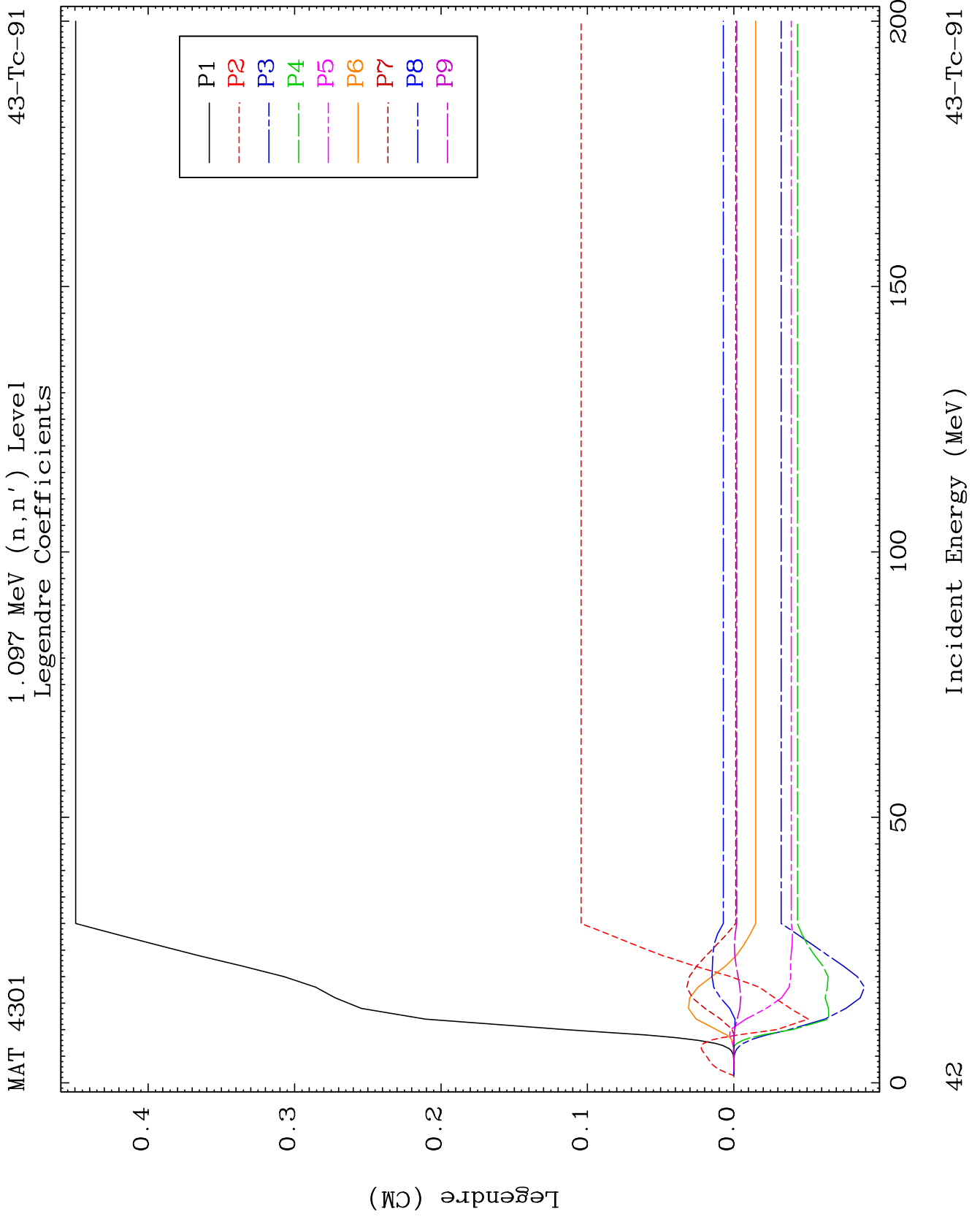
Incident Energy (MeV)

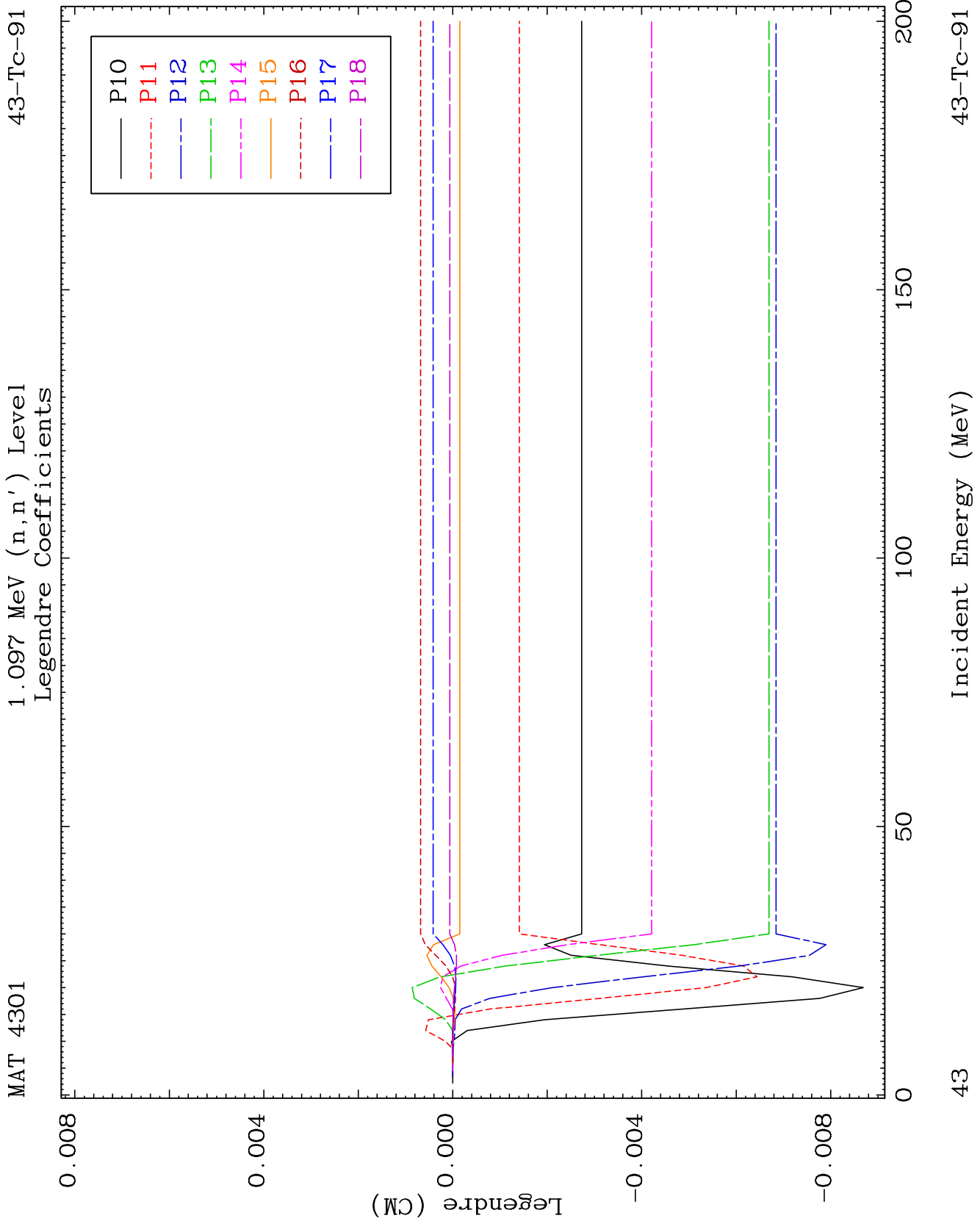
43-Tc-91

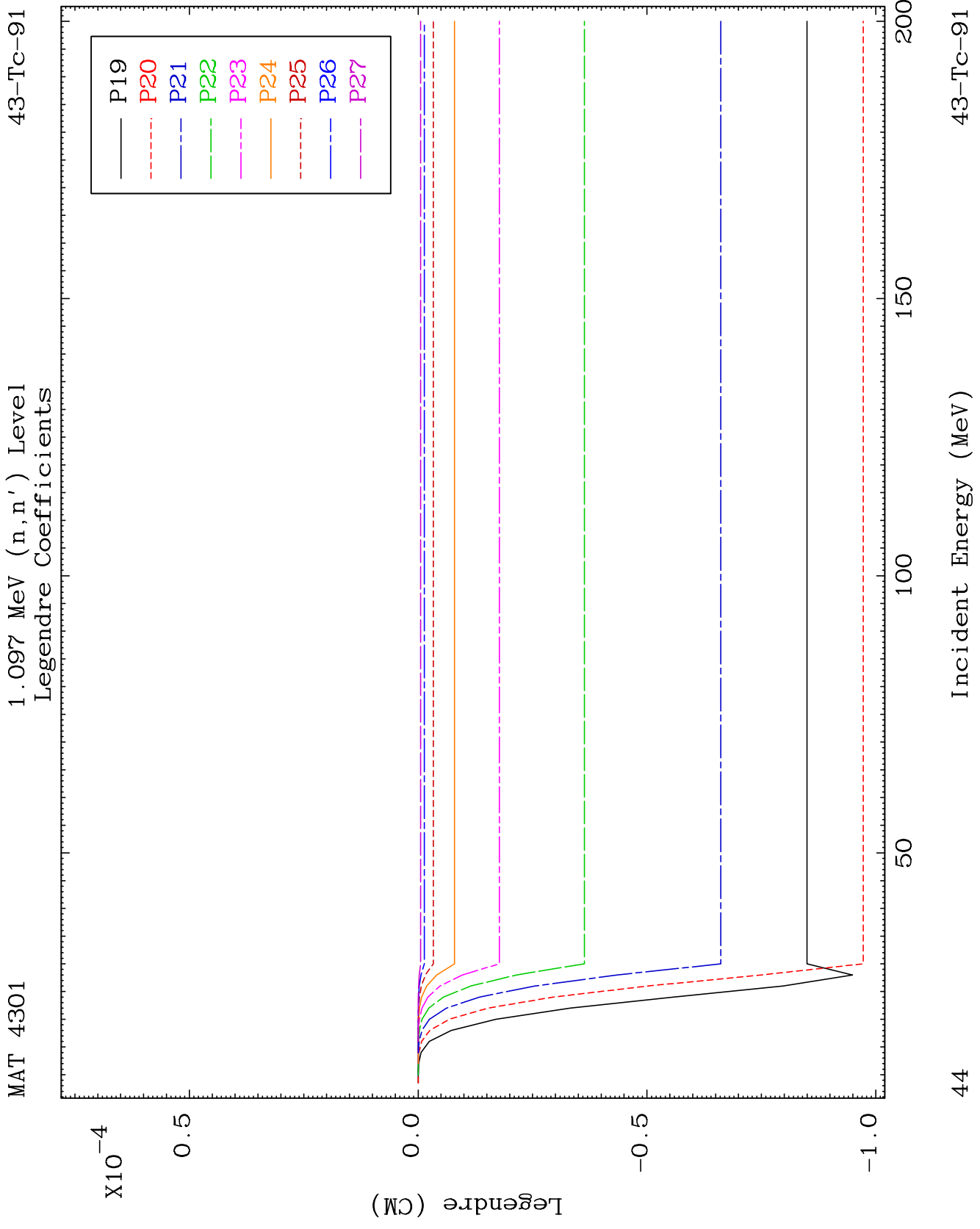












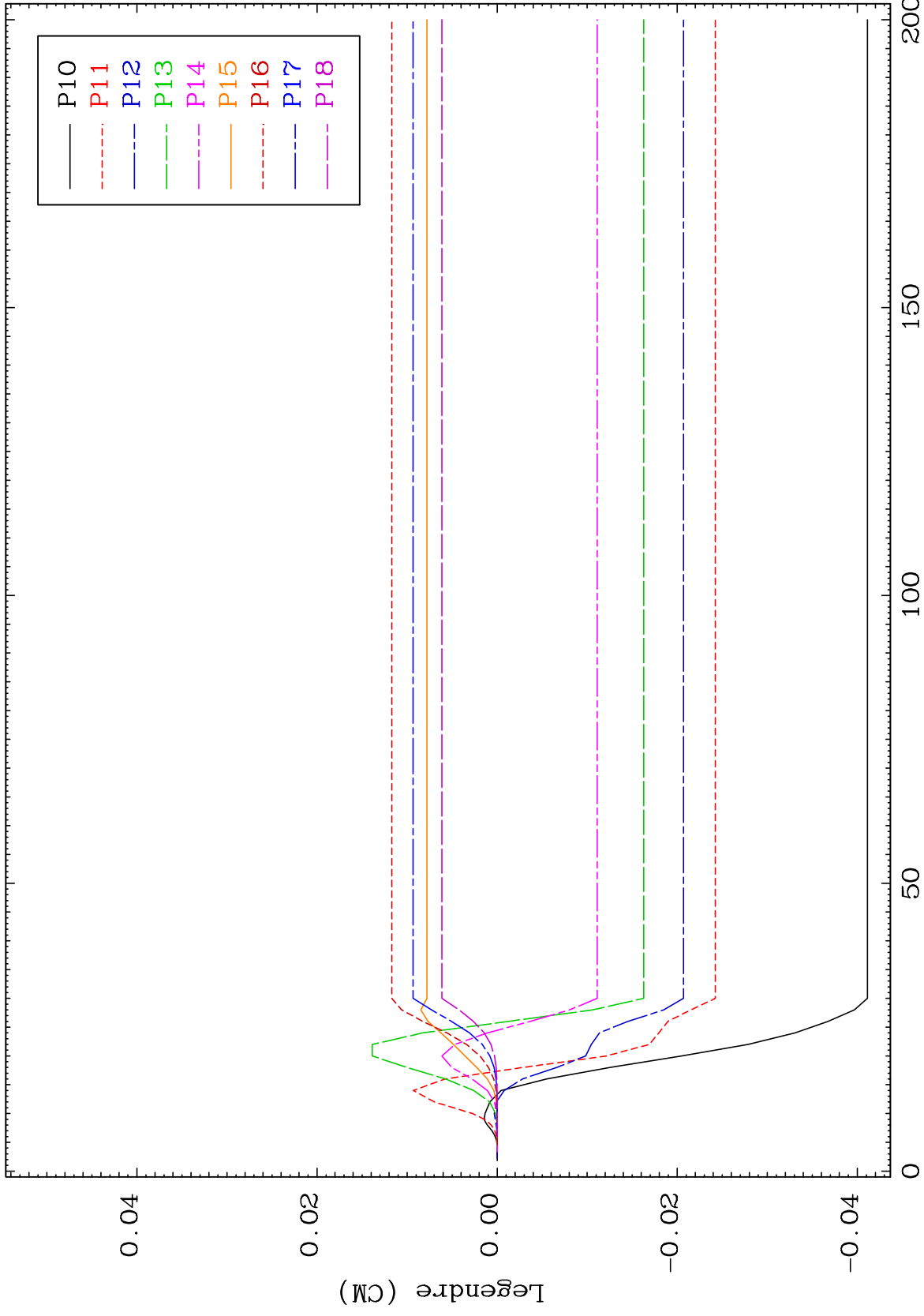




MAT 4301

1.248 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



47

Incident Energy (MeV)

43-Tc-91

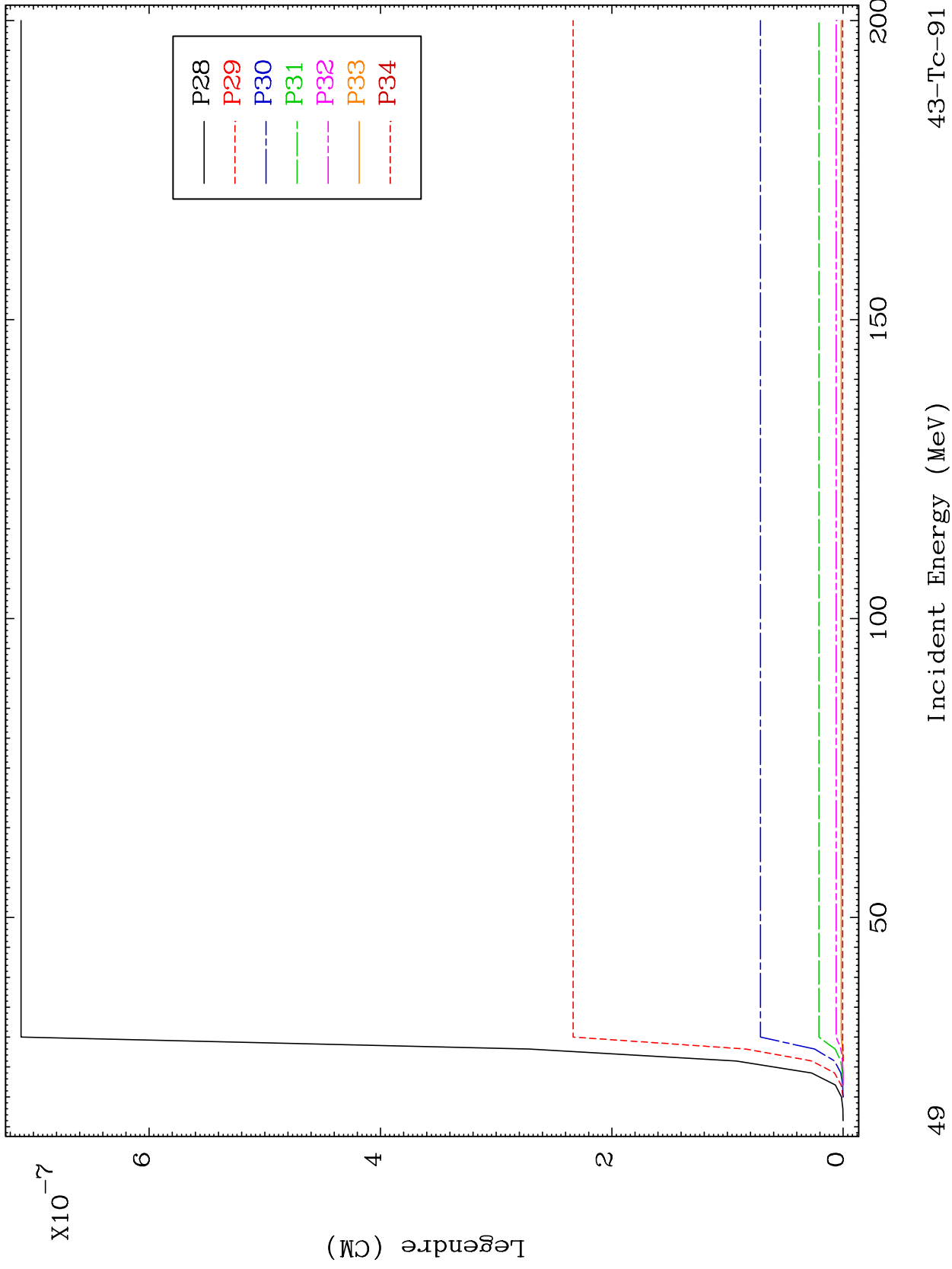


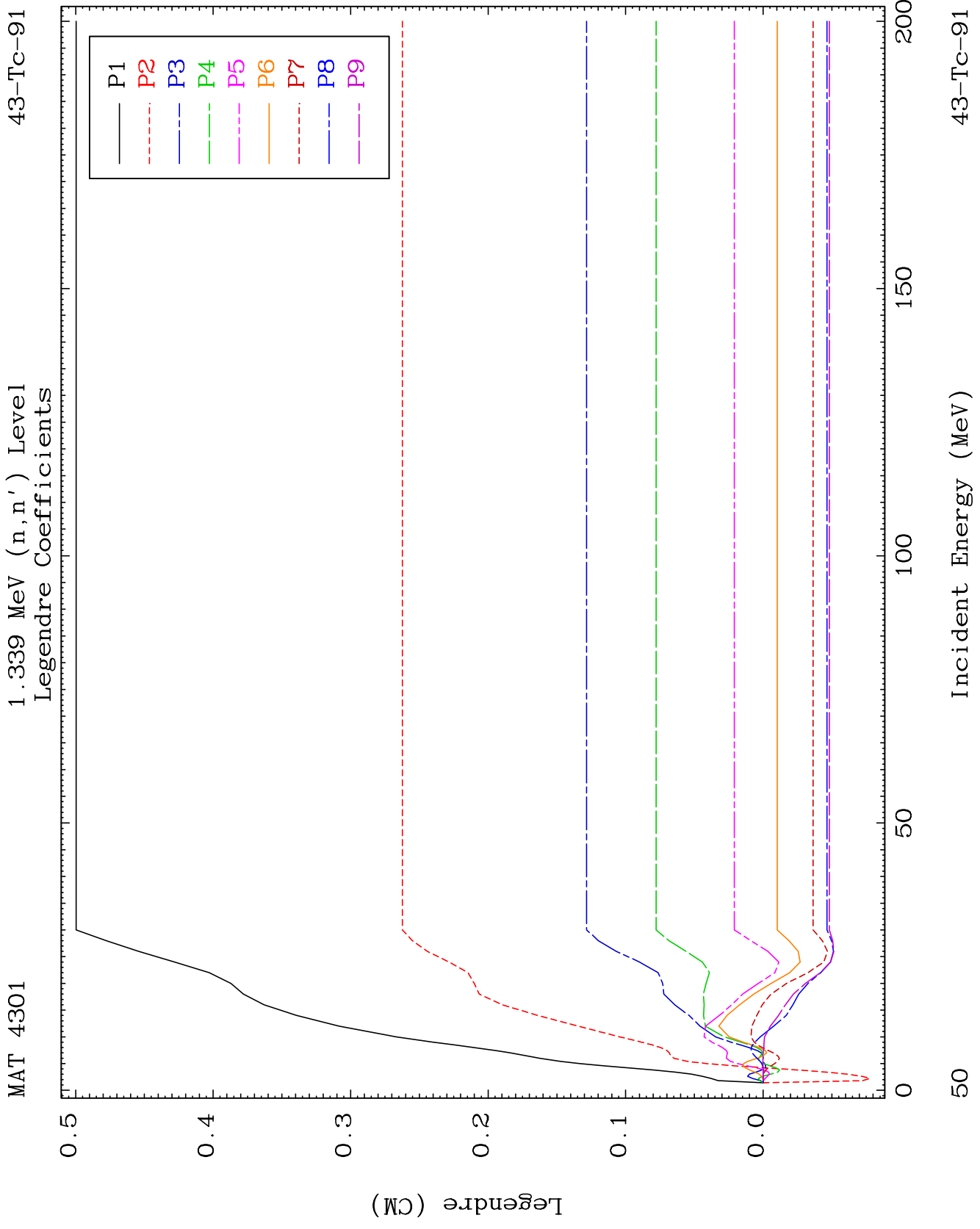


MAT 4301

1.248 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91

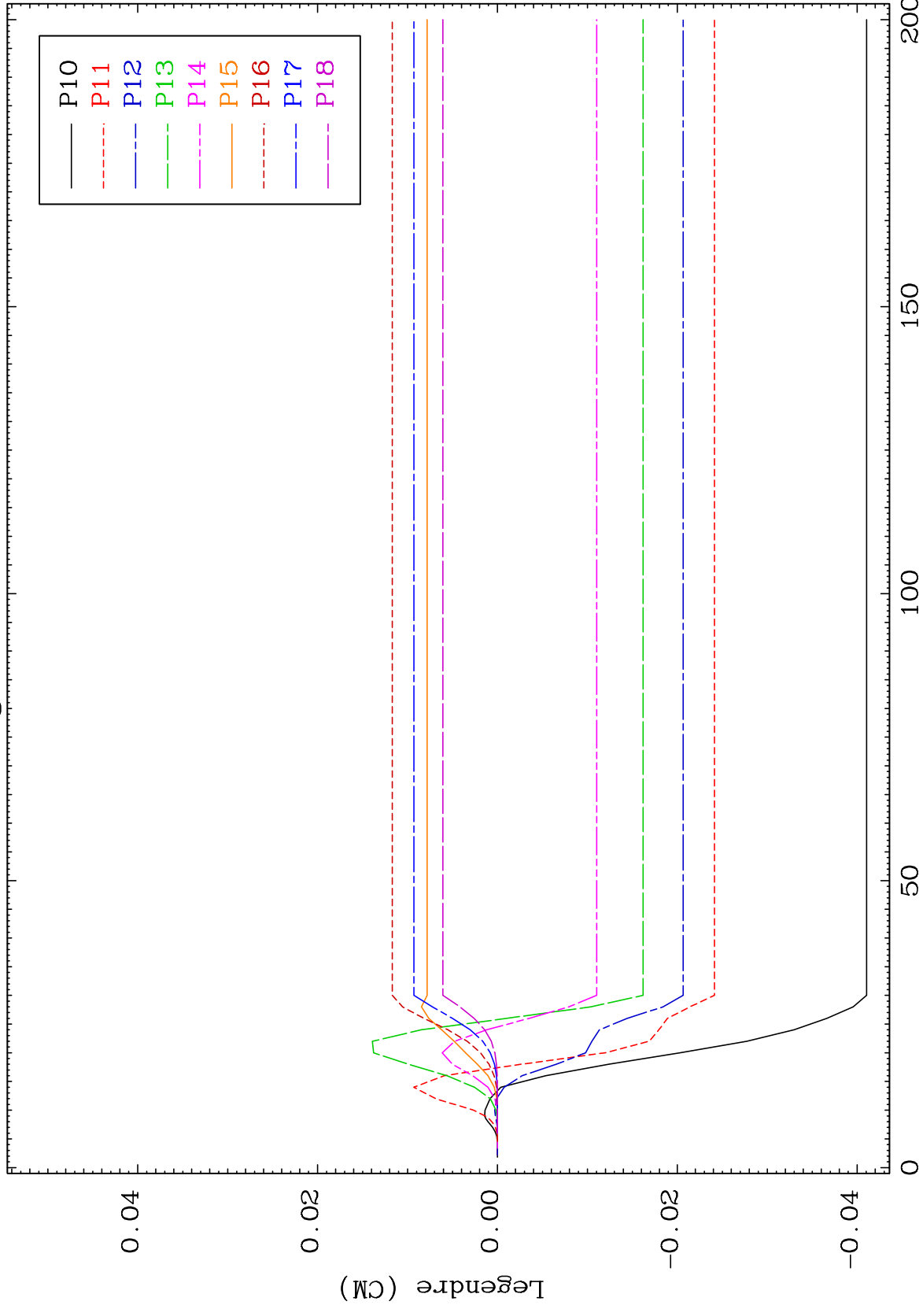




MAT 4301

1.339 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



51

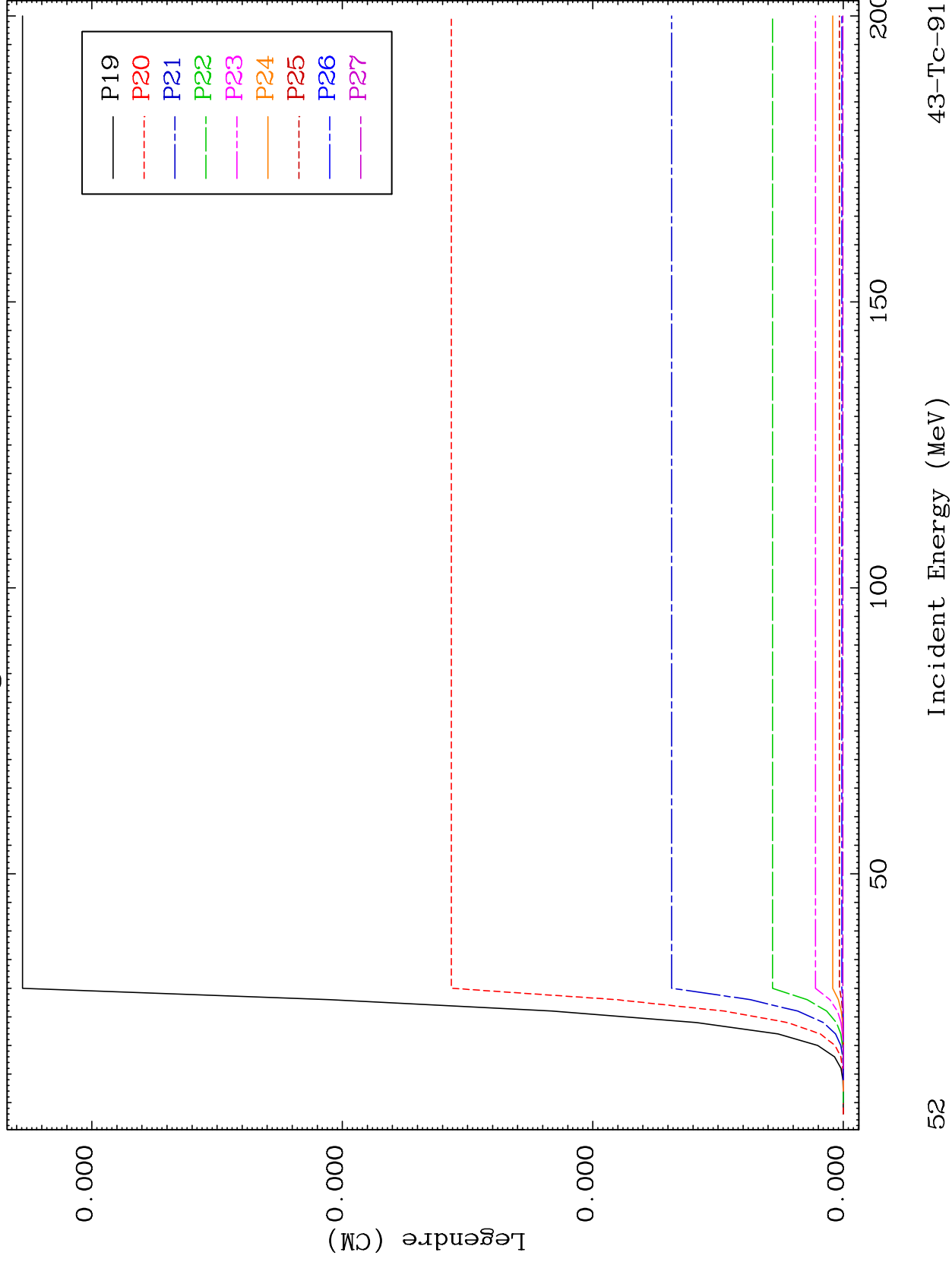
Incident Energy (MeV)

43-Tc-91

MAT 4301

1.339 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



52

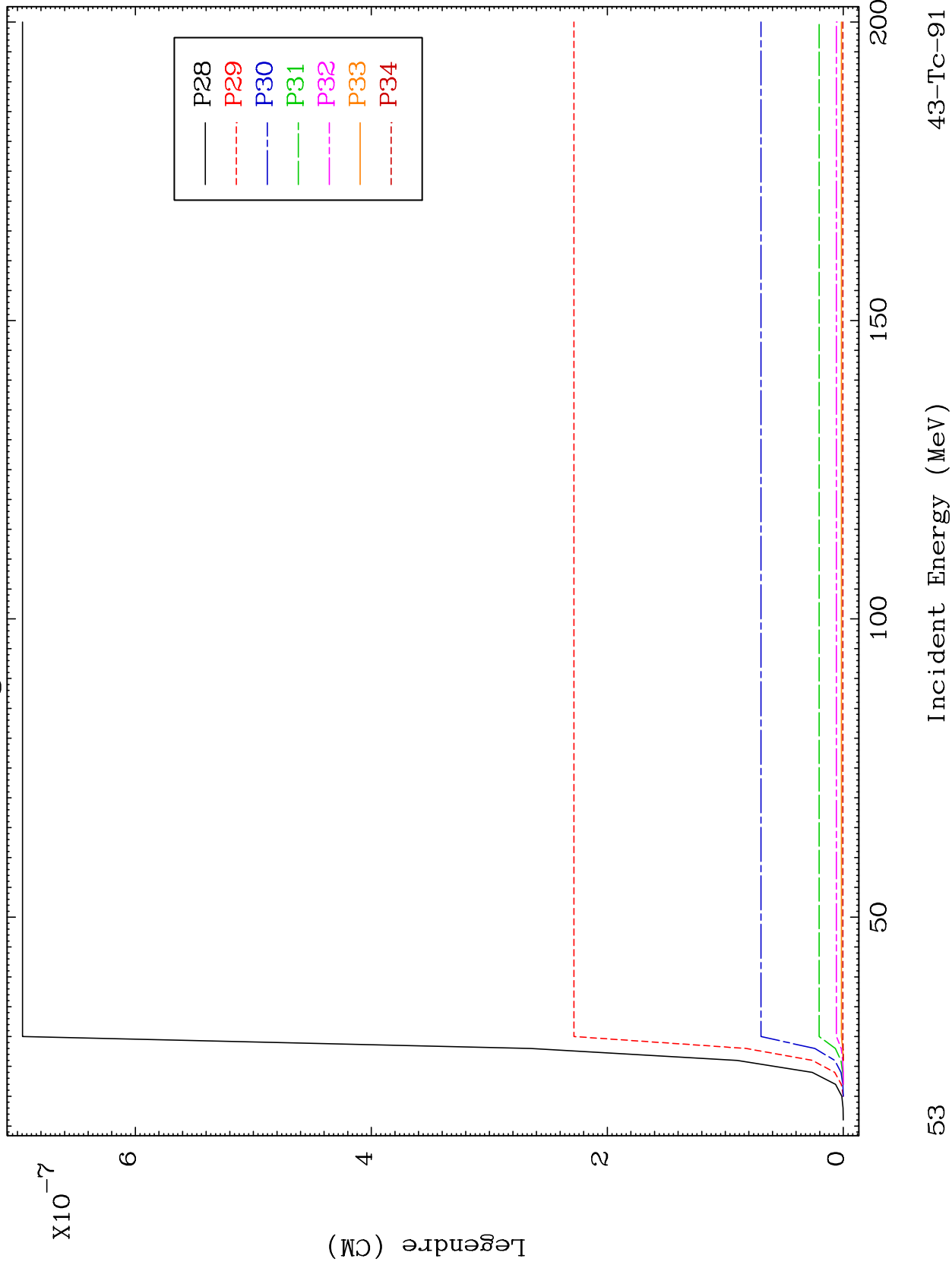
Incident Energy (MeV)

43-Tc-91

MAT 4301

1.339 MeV (n,n') Level  
Legendre Coefficients

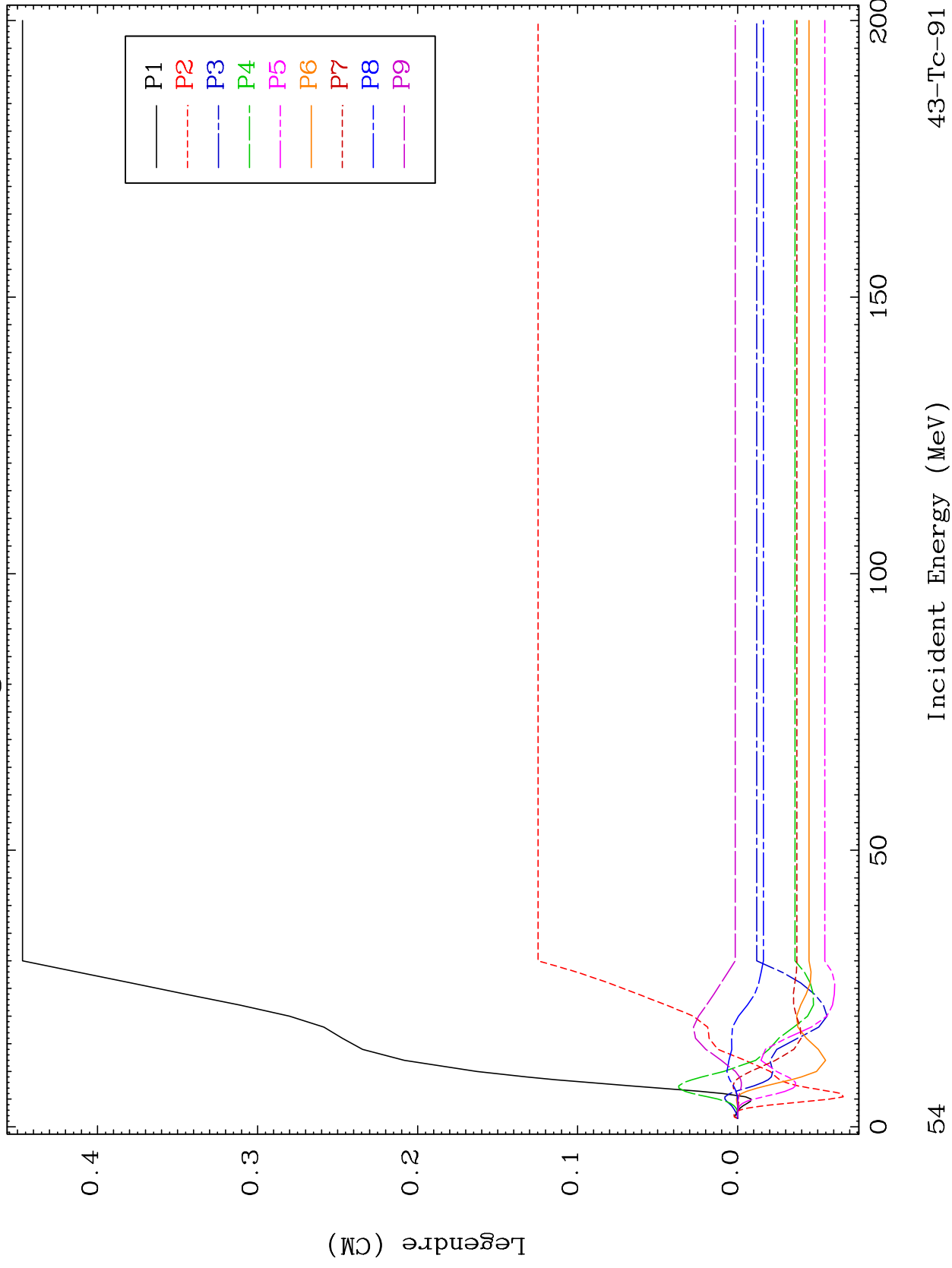
43-Tc-91



MAT 4301

1.465 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



43-Tc-91

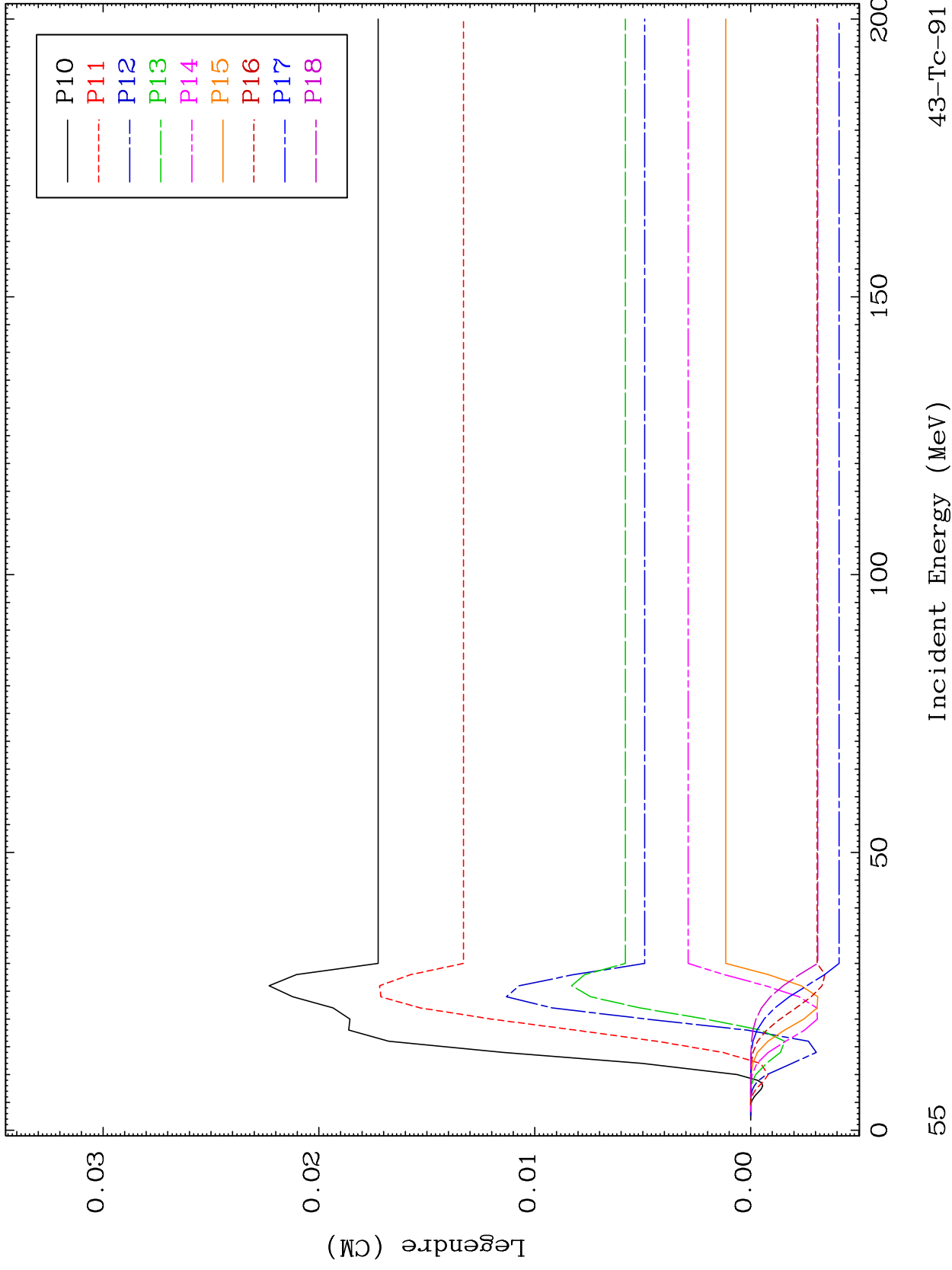
Incident Energy (MeV)

54

MAT 4301

1.465 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91

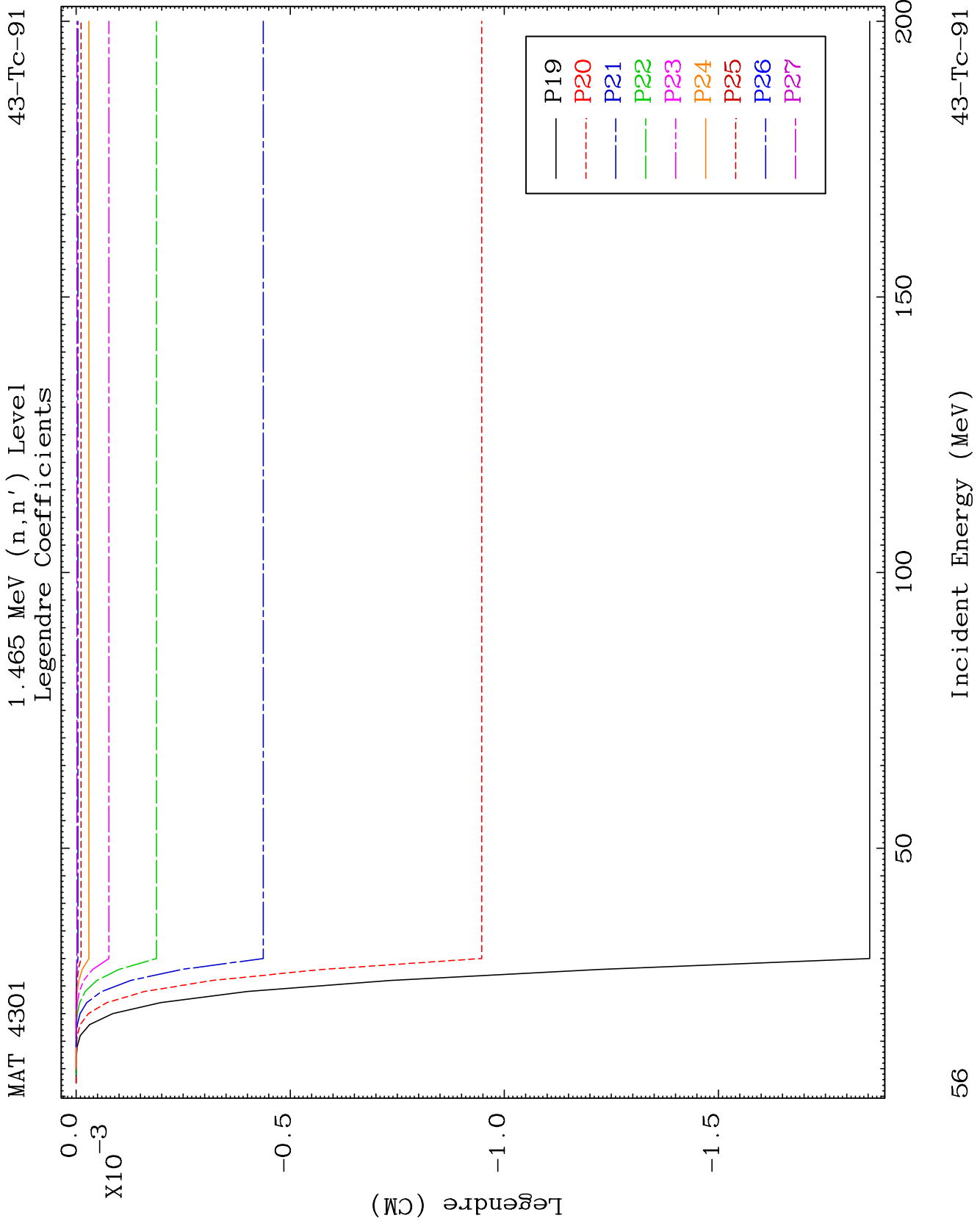


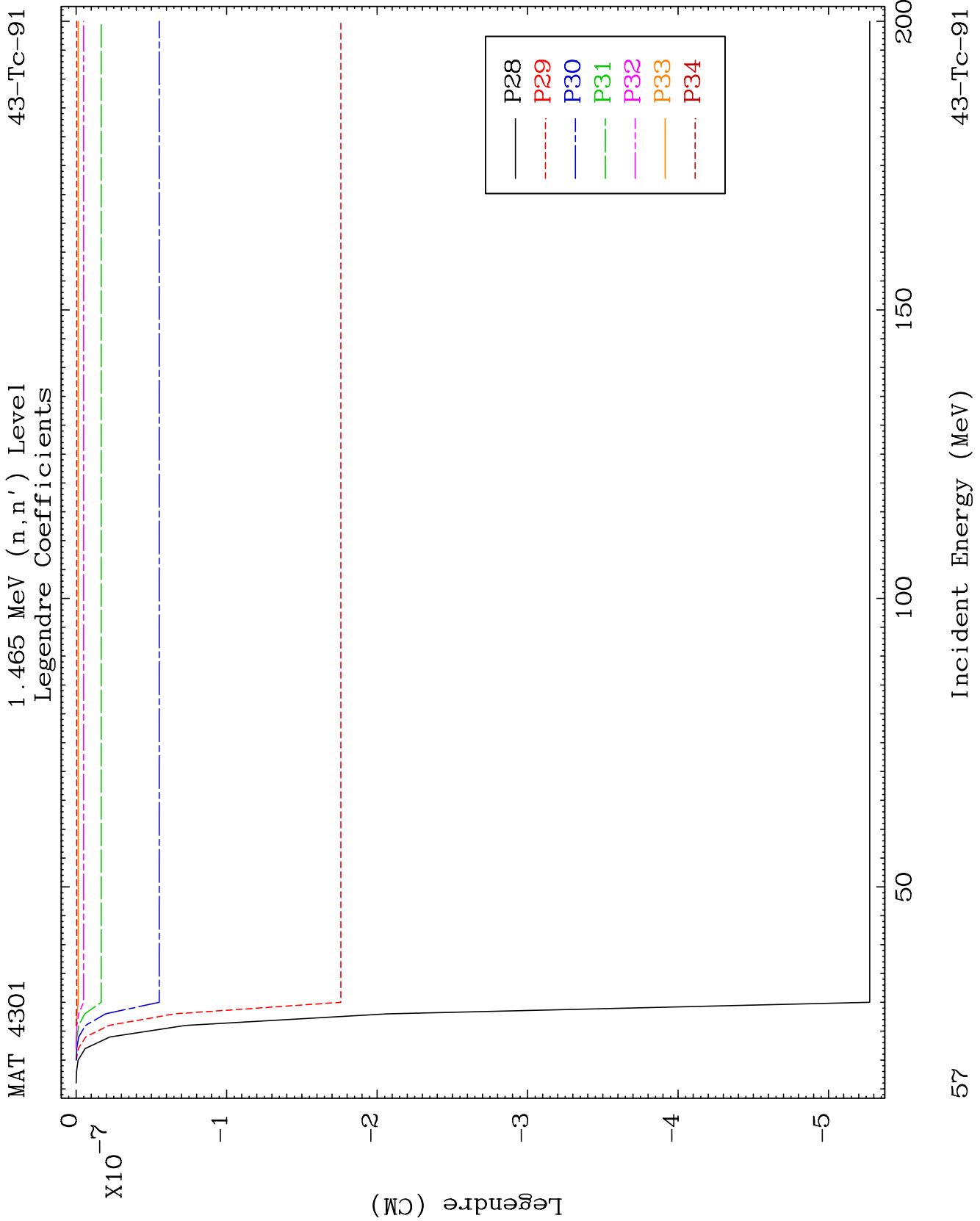
43-Tc-91

Incident Energy (MeV)

55



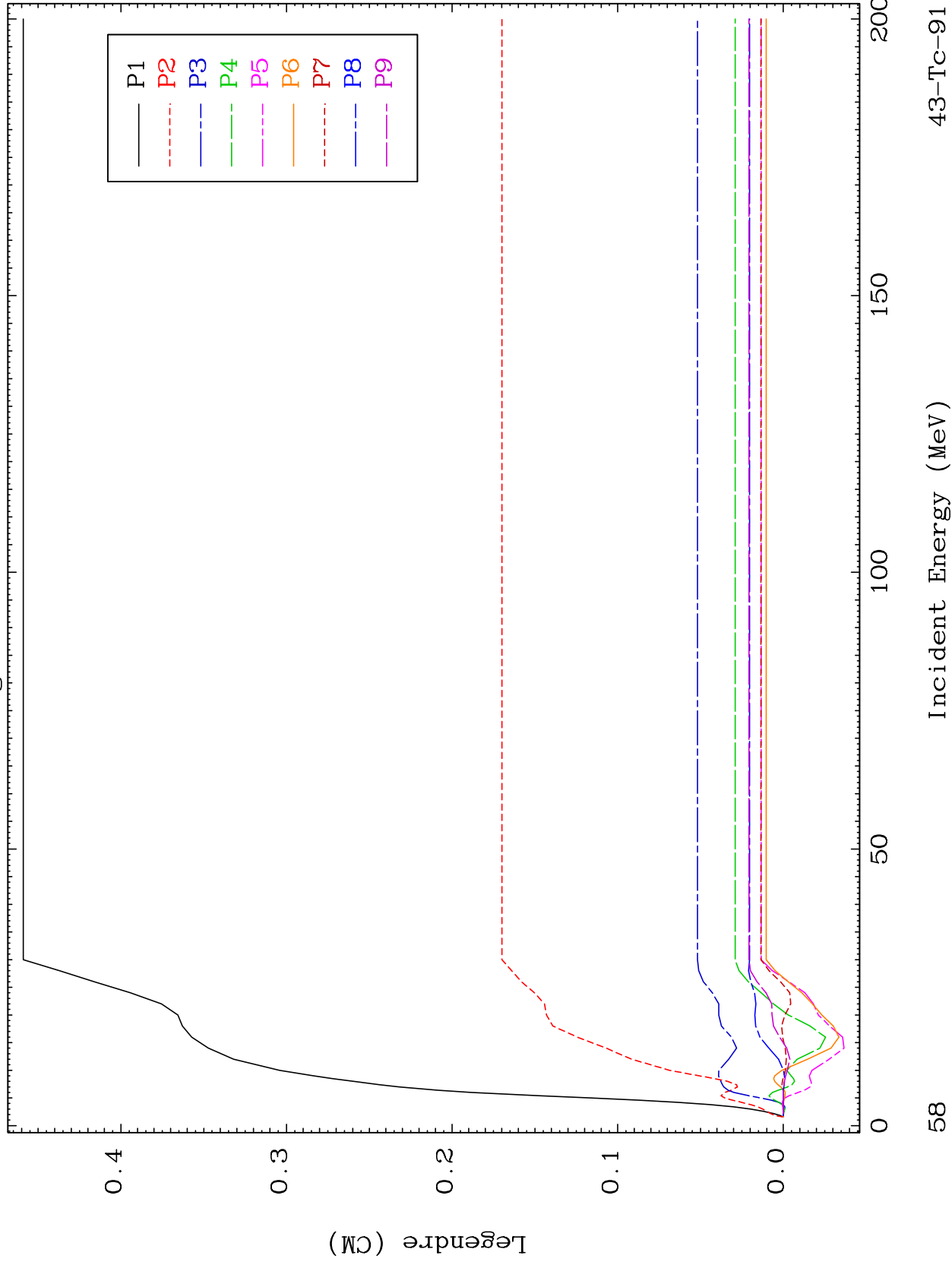




MAT 4301

1.533 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



43-Tc-91

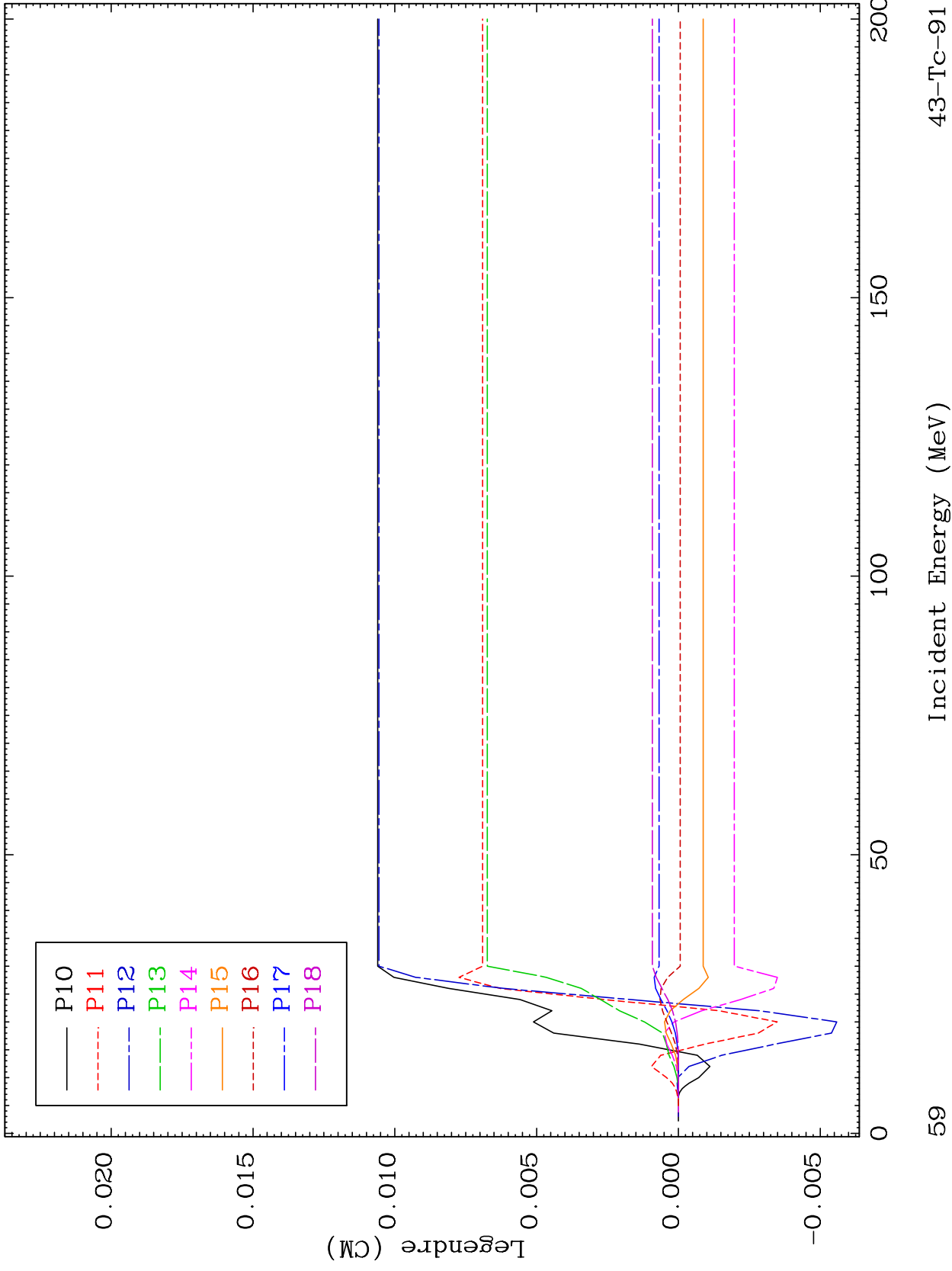
Incident Energy (MeV)

58

MAT 4301

1.533 MeV (n,n') Level  
Legendre Coefficients

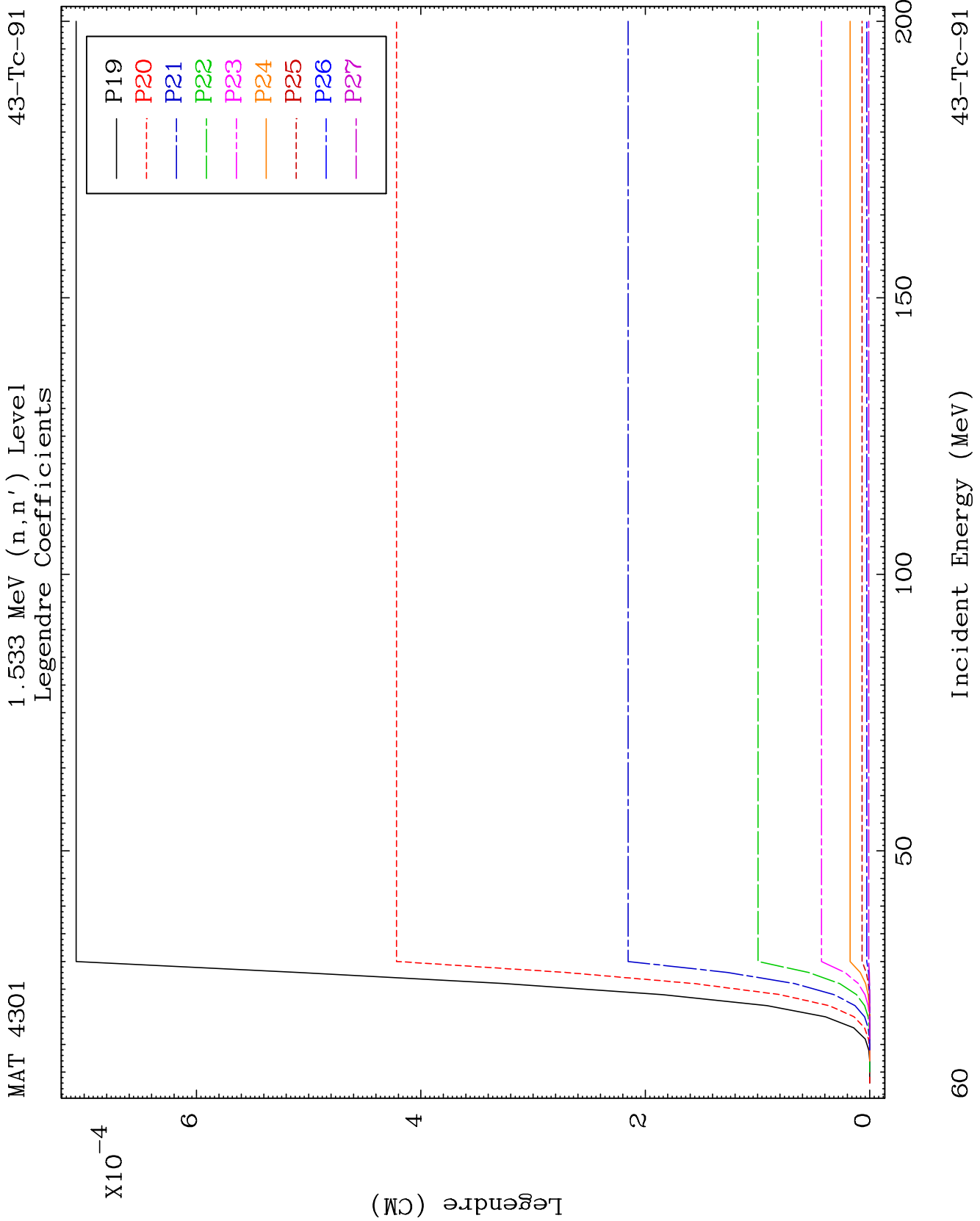
43-Tc-91

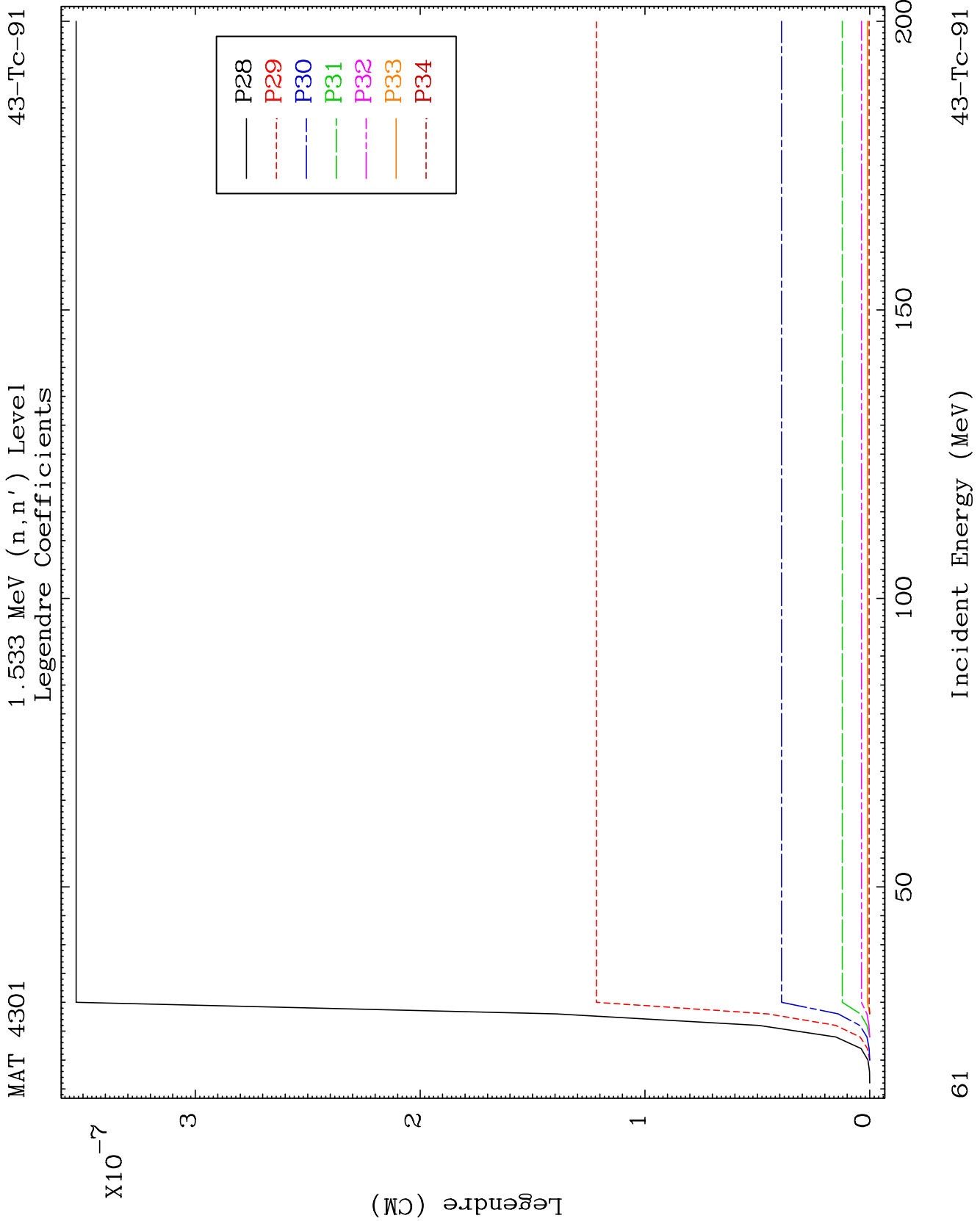


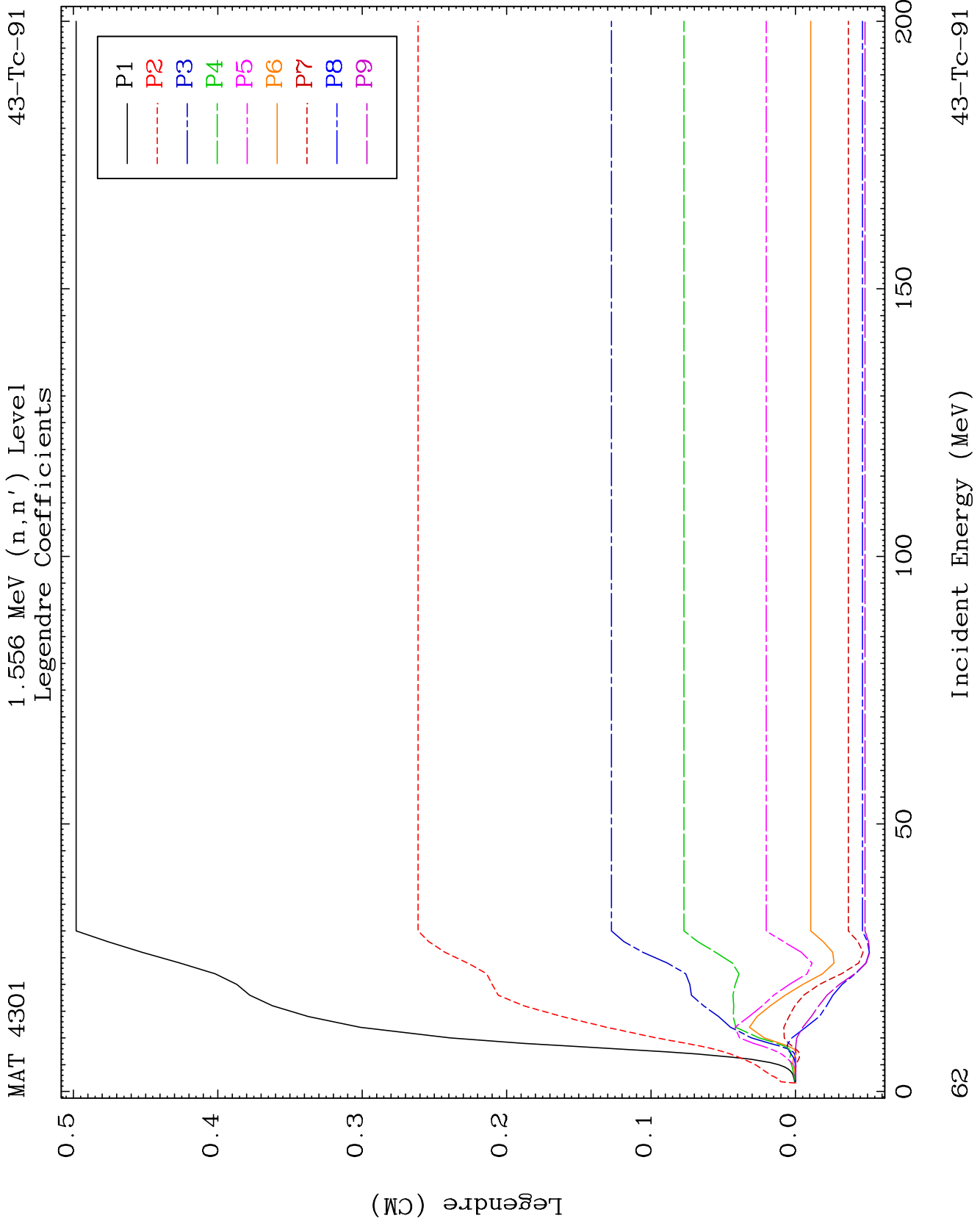
59

Incident Energy (MeV)

43-Tc-91



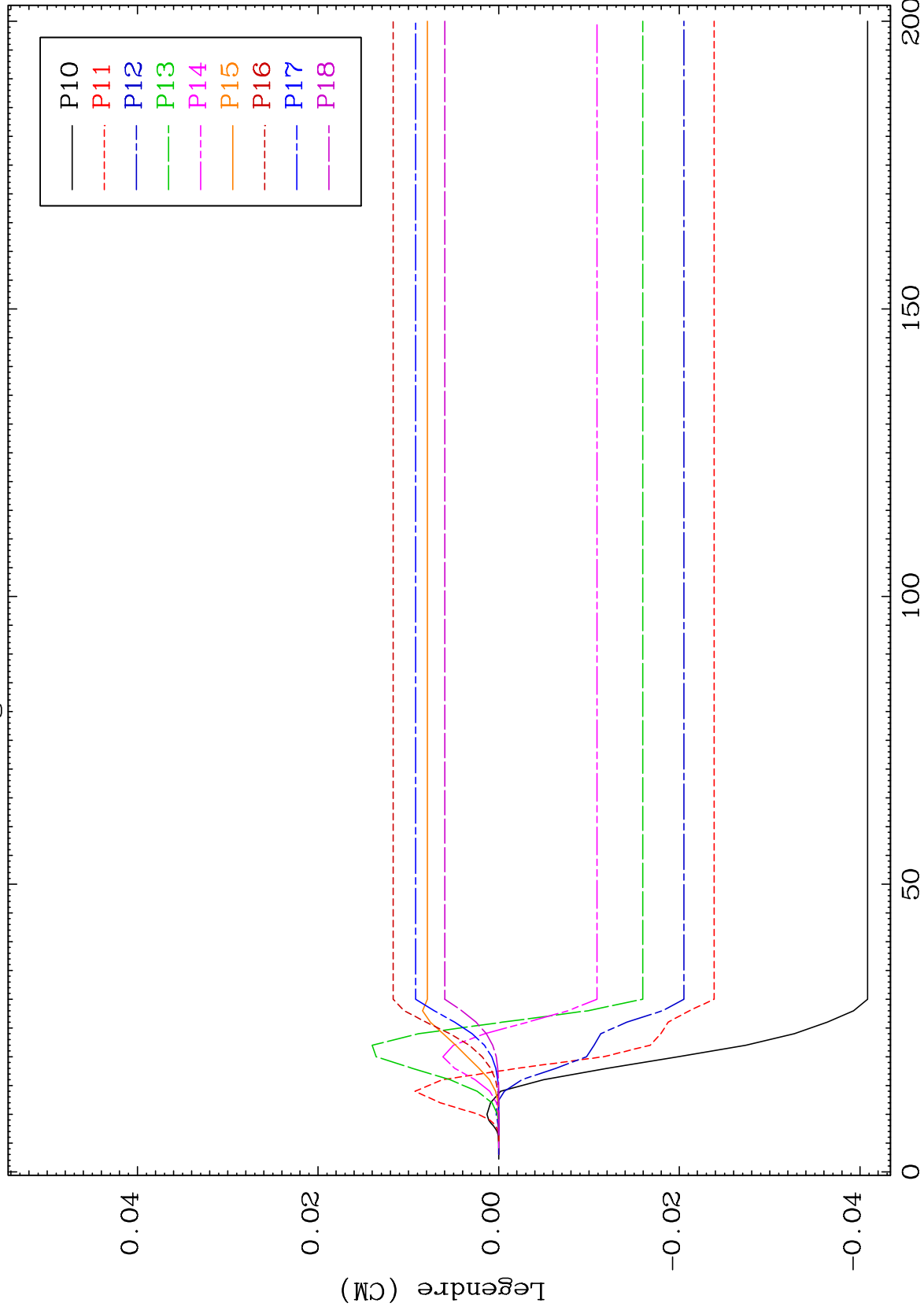




MAT 4301

1.556 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



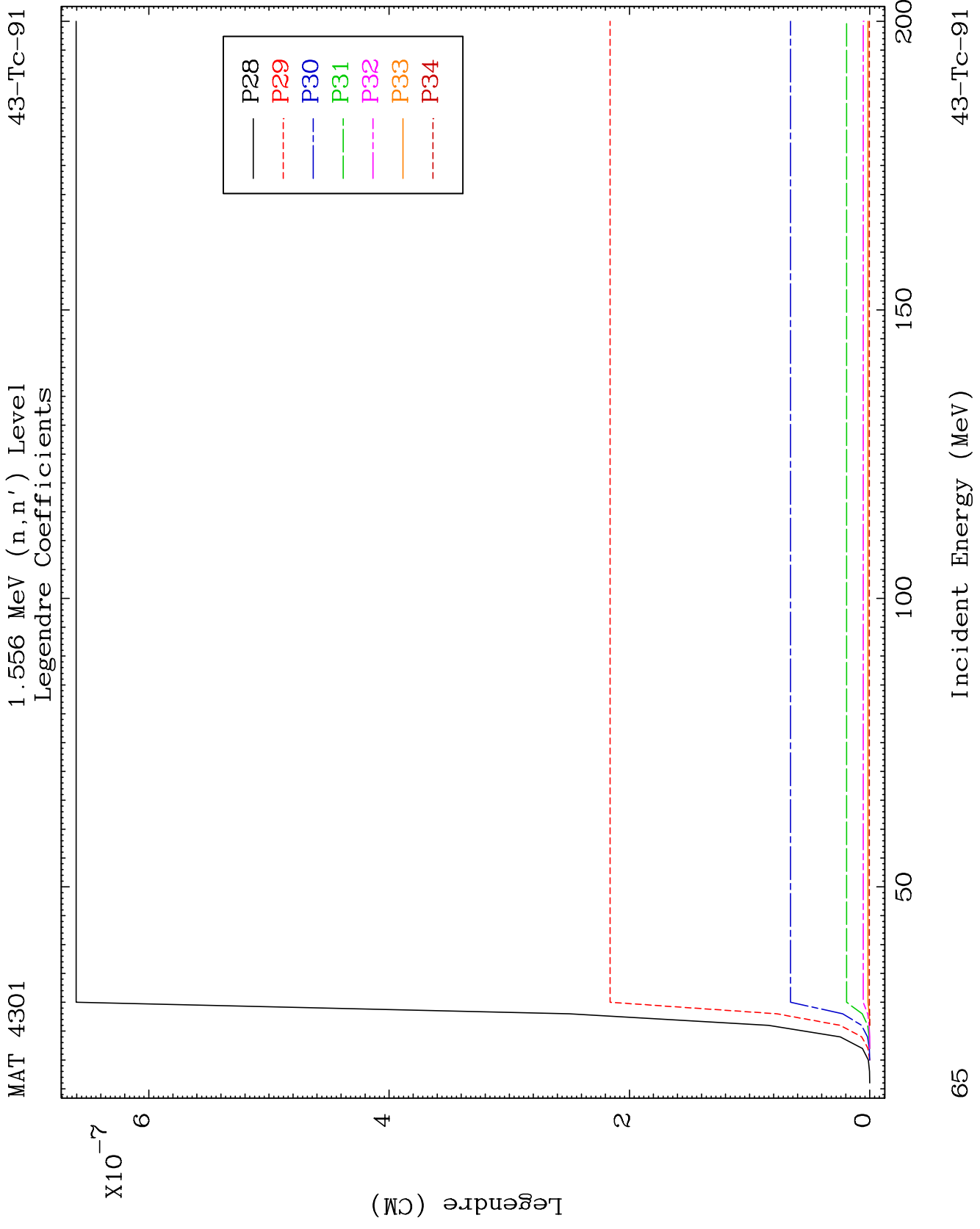
63

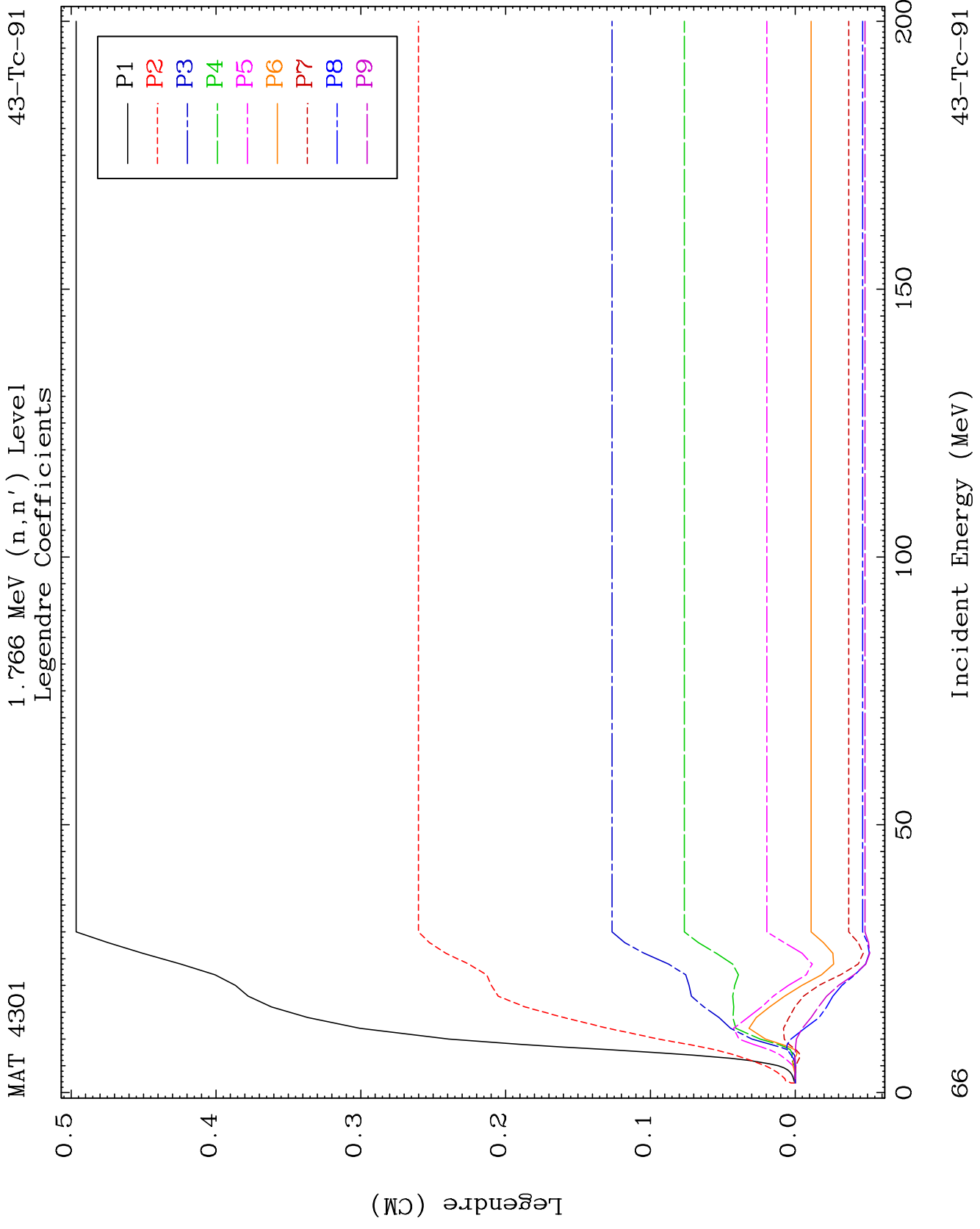
Incident Energy (MeV)

43-Tc-91





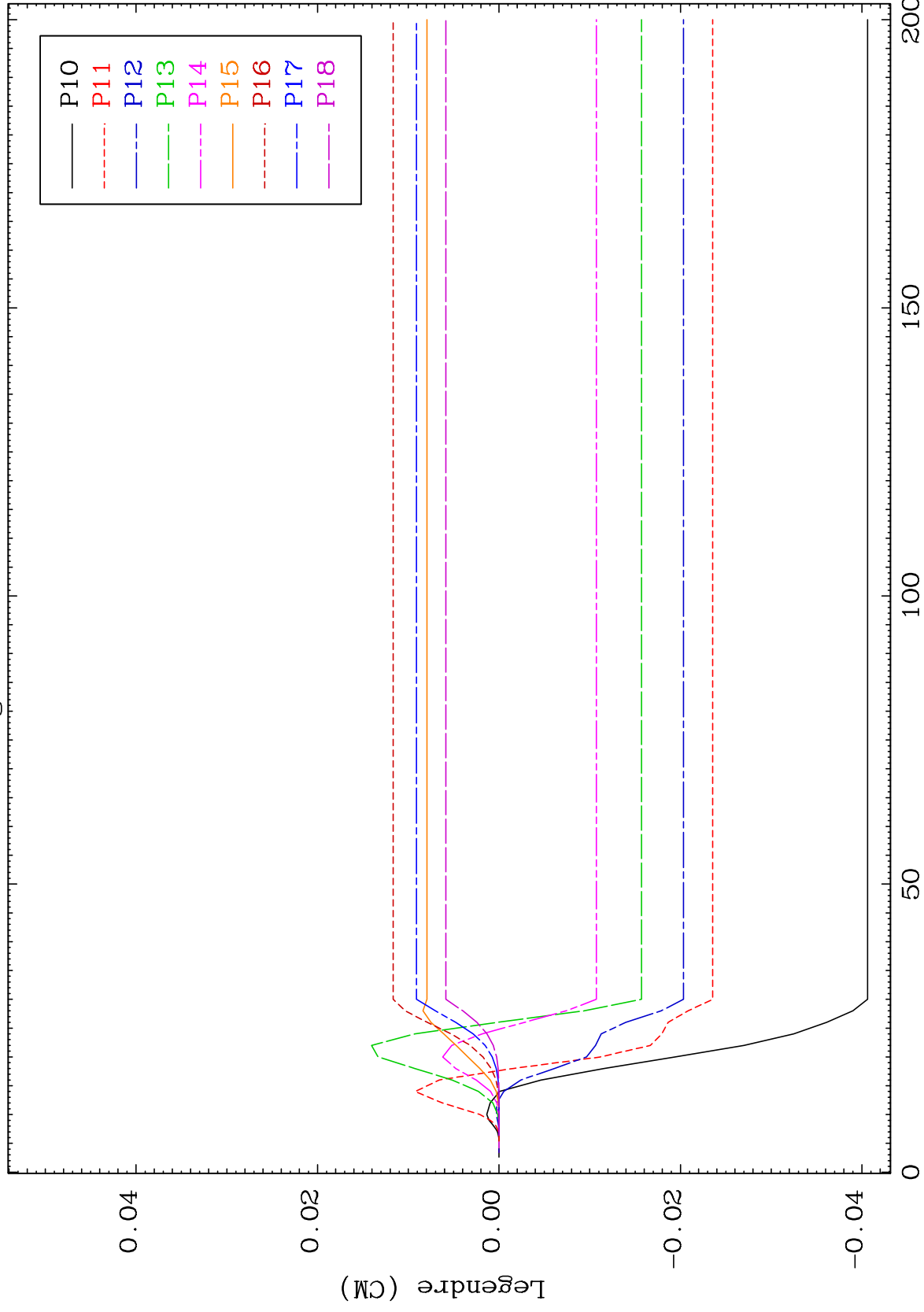




MAT 4301

1.766 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



67

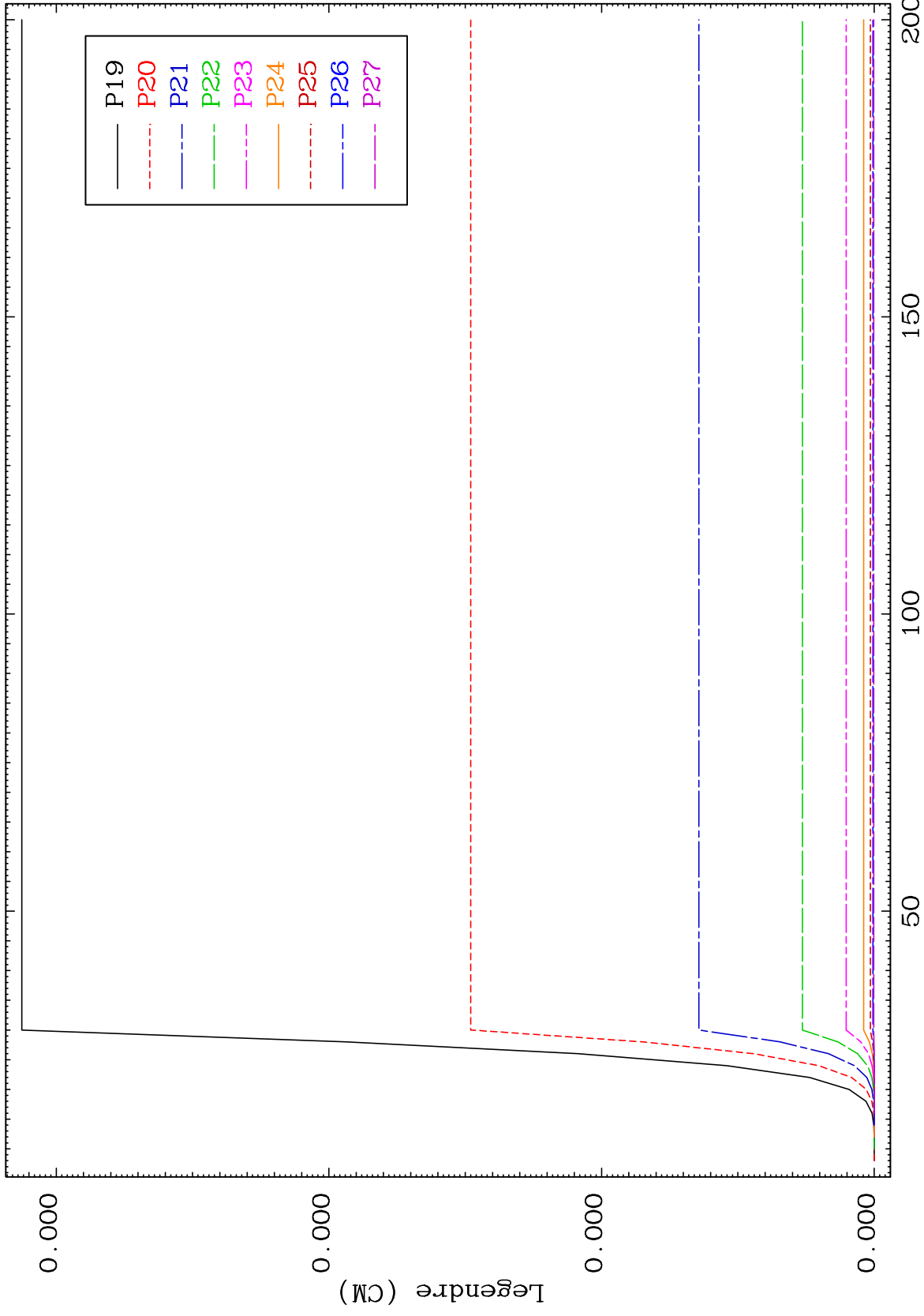
Incident Energy (MeV)

43-Tc-91

MAT 4301

1.766 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



68

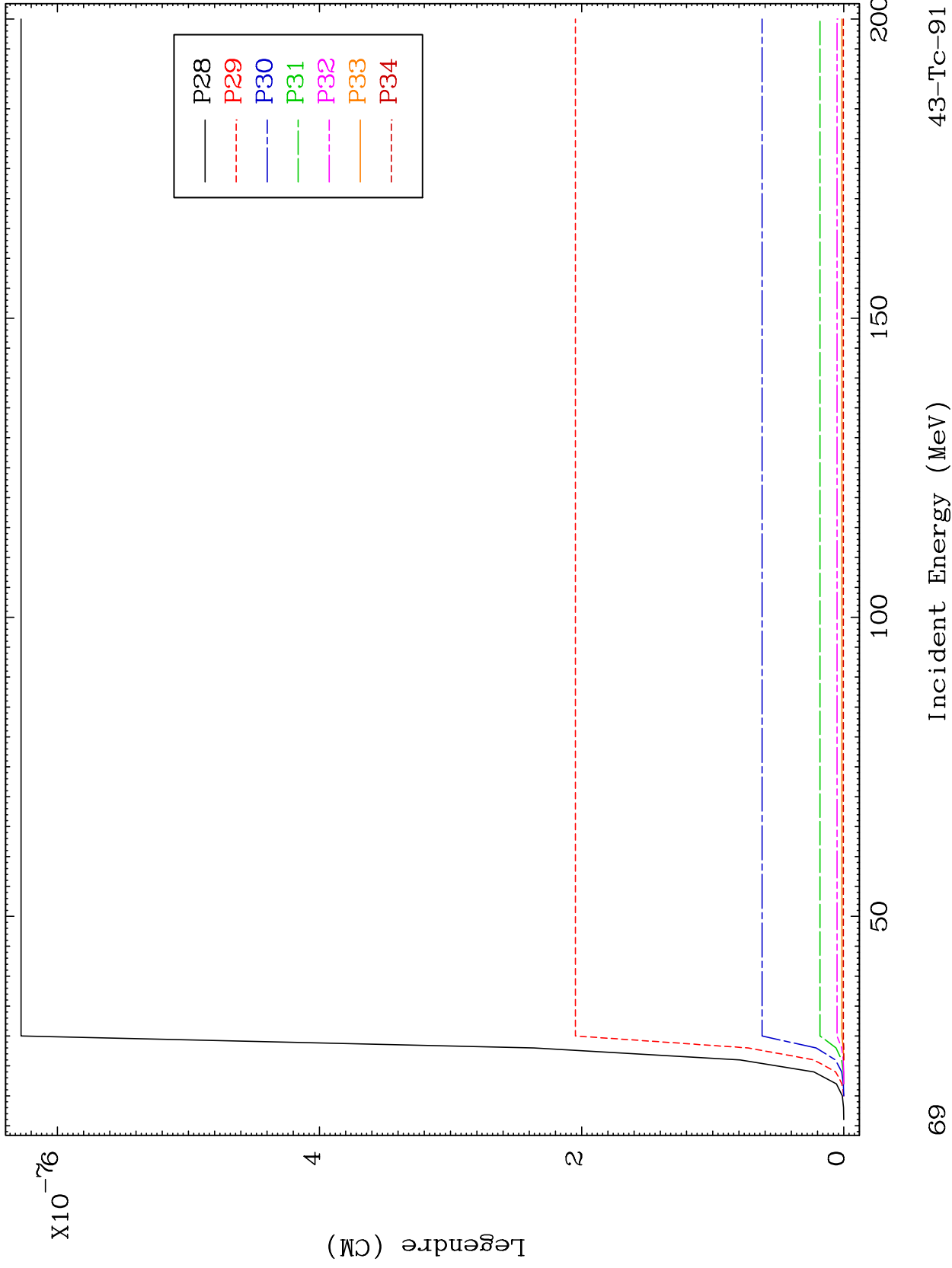
Incident Energy (MeV)

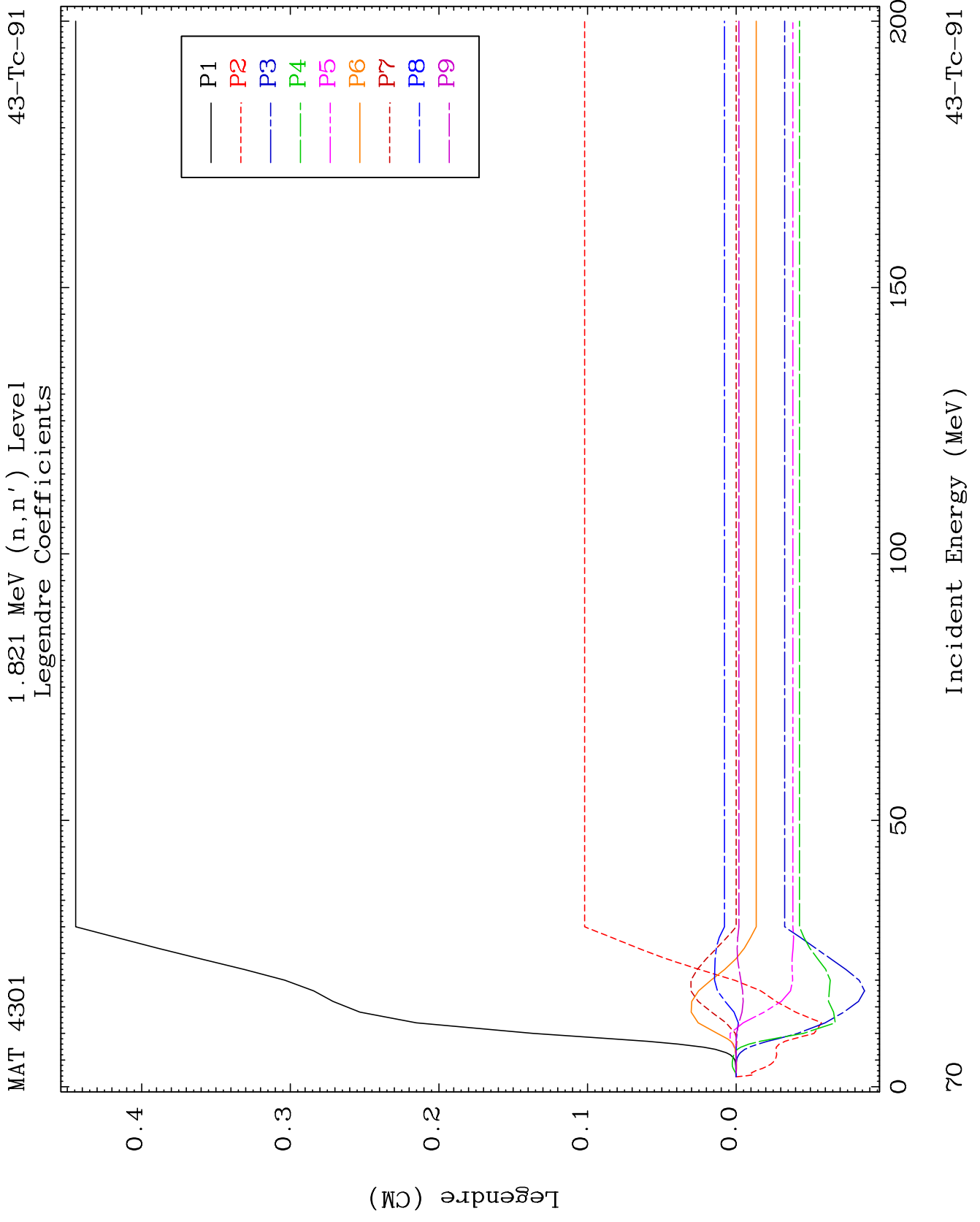
43-Tc-91

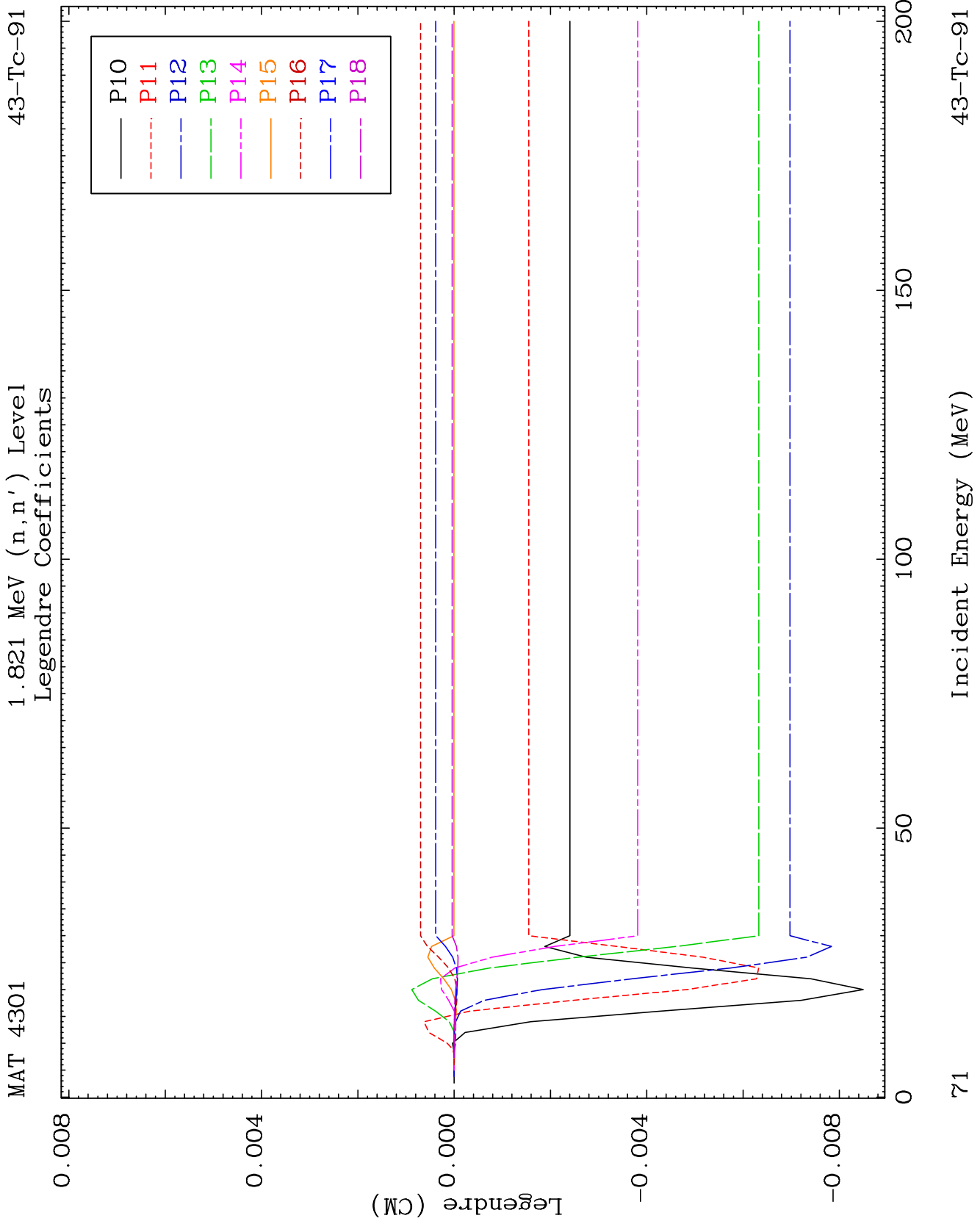
MAT 4301

1.766 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91





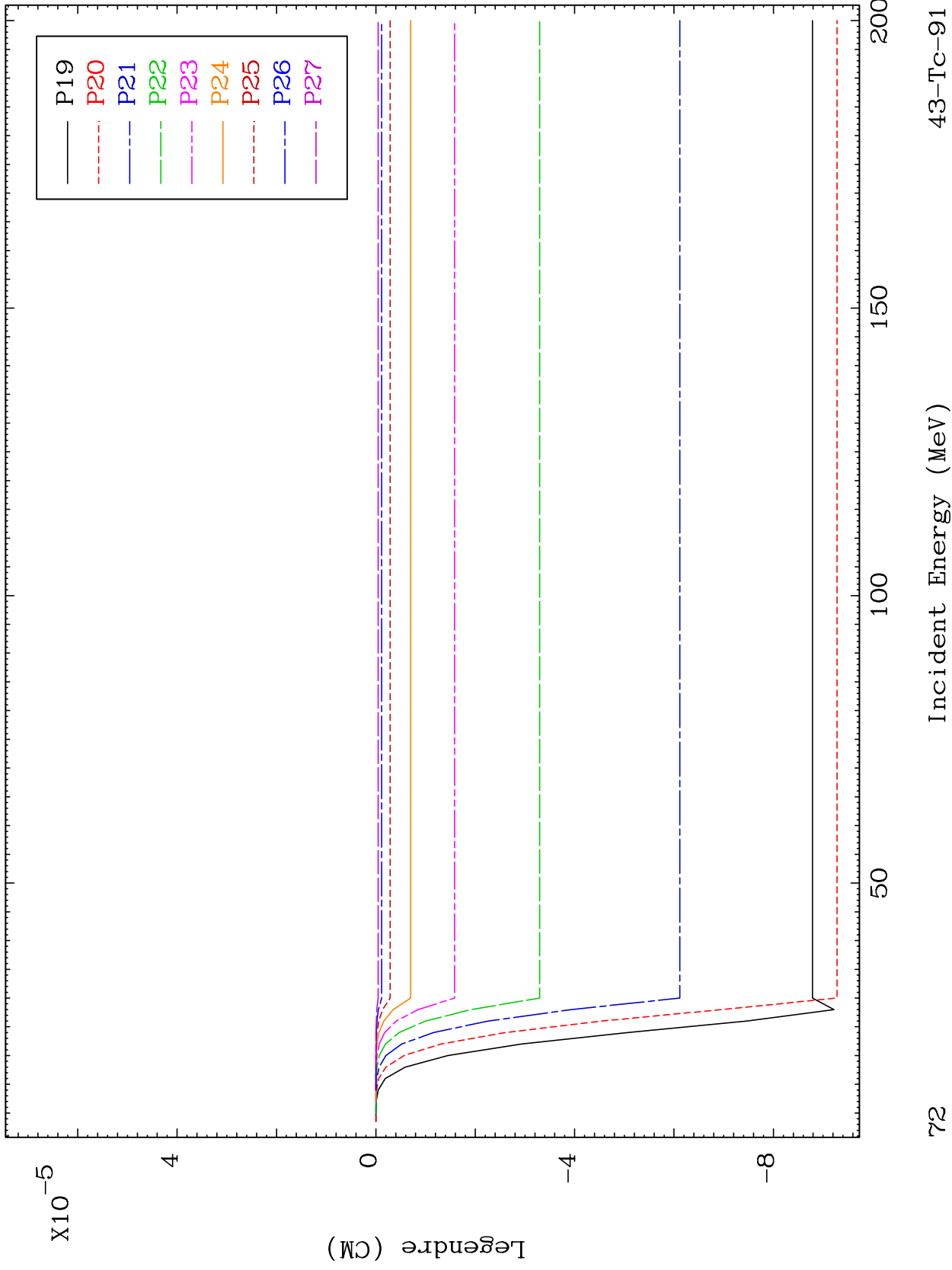


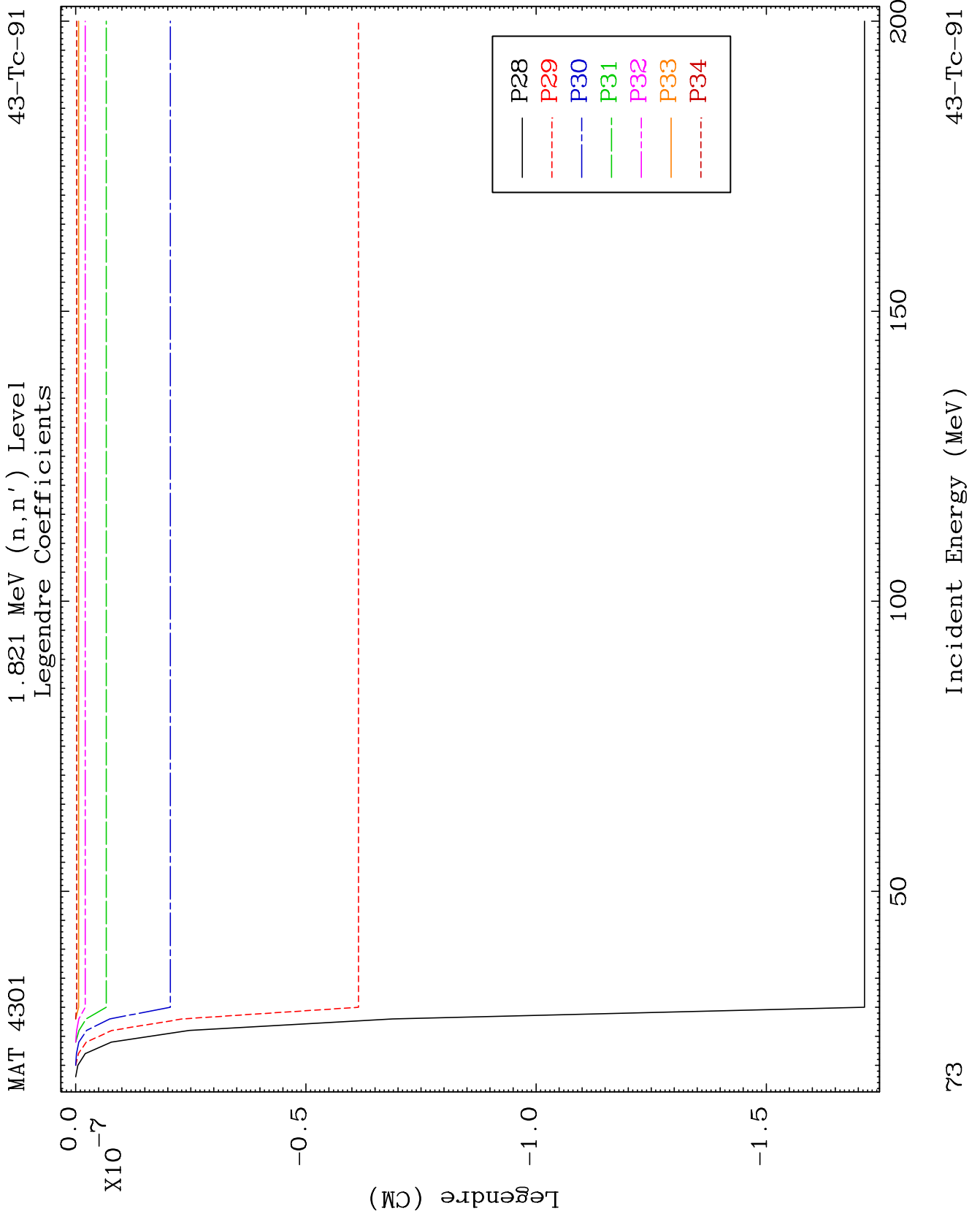


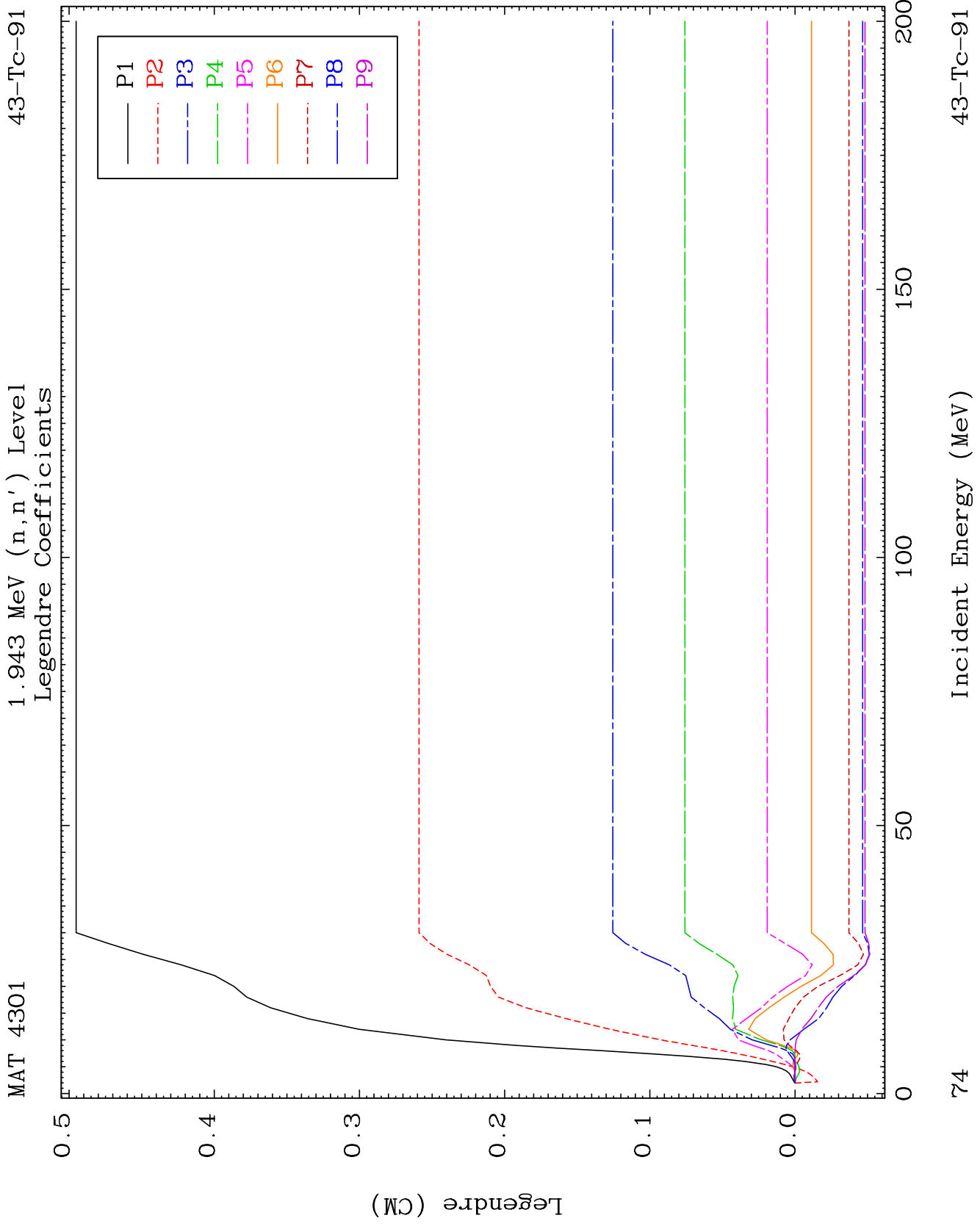
MAT 4301

1.821 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



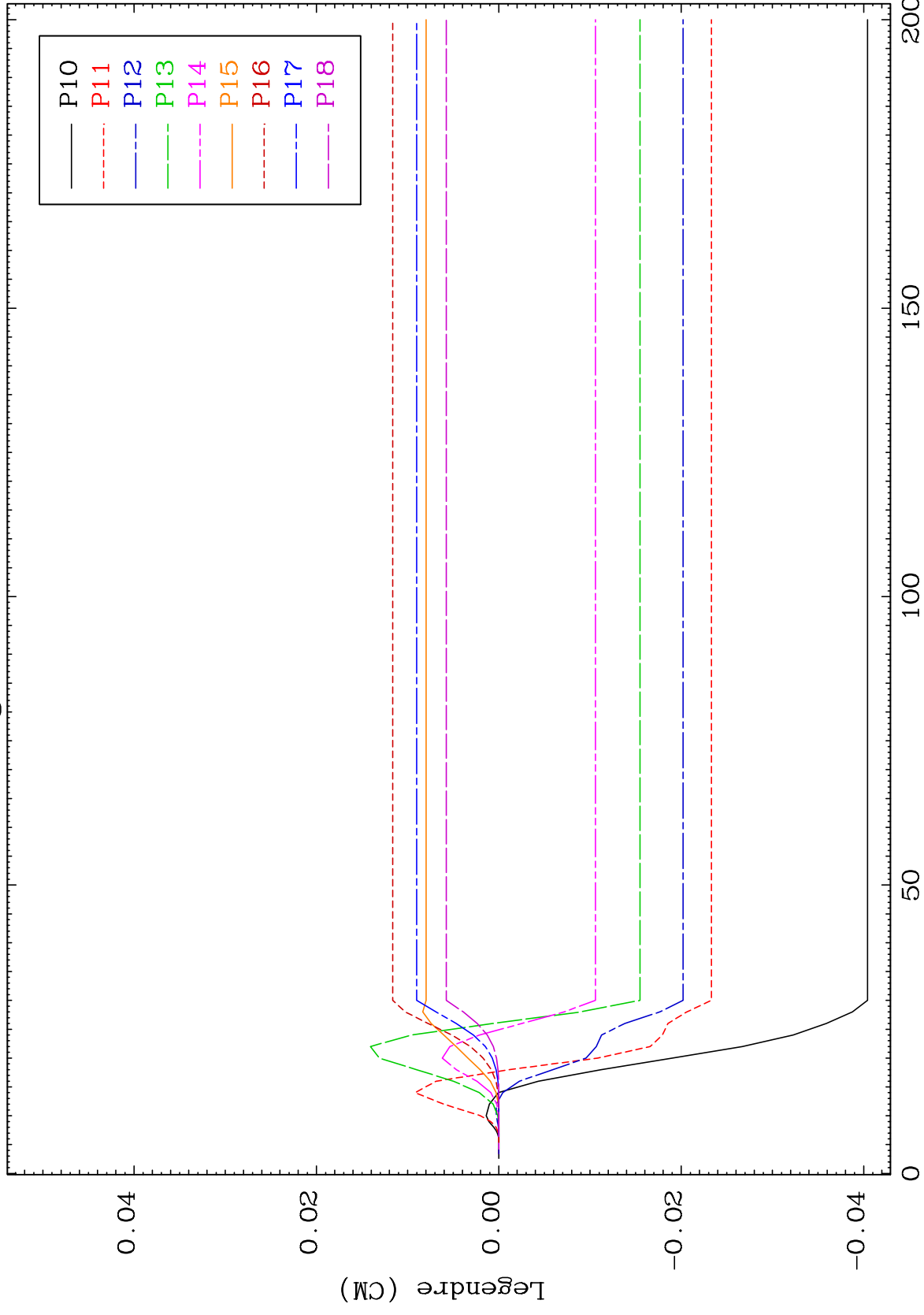




MAT 4301

1.943 MeV (n,n') Level  
Legendre Coefficients

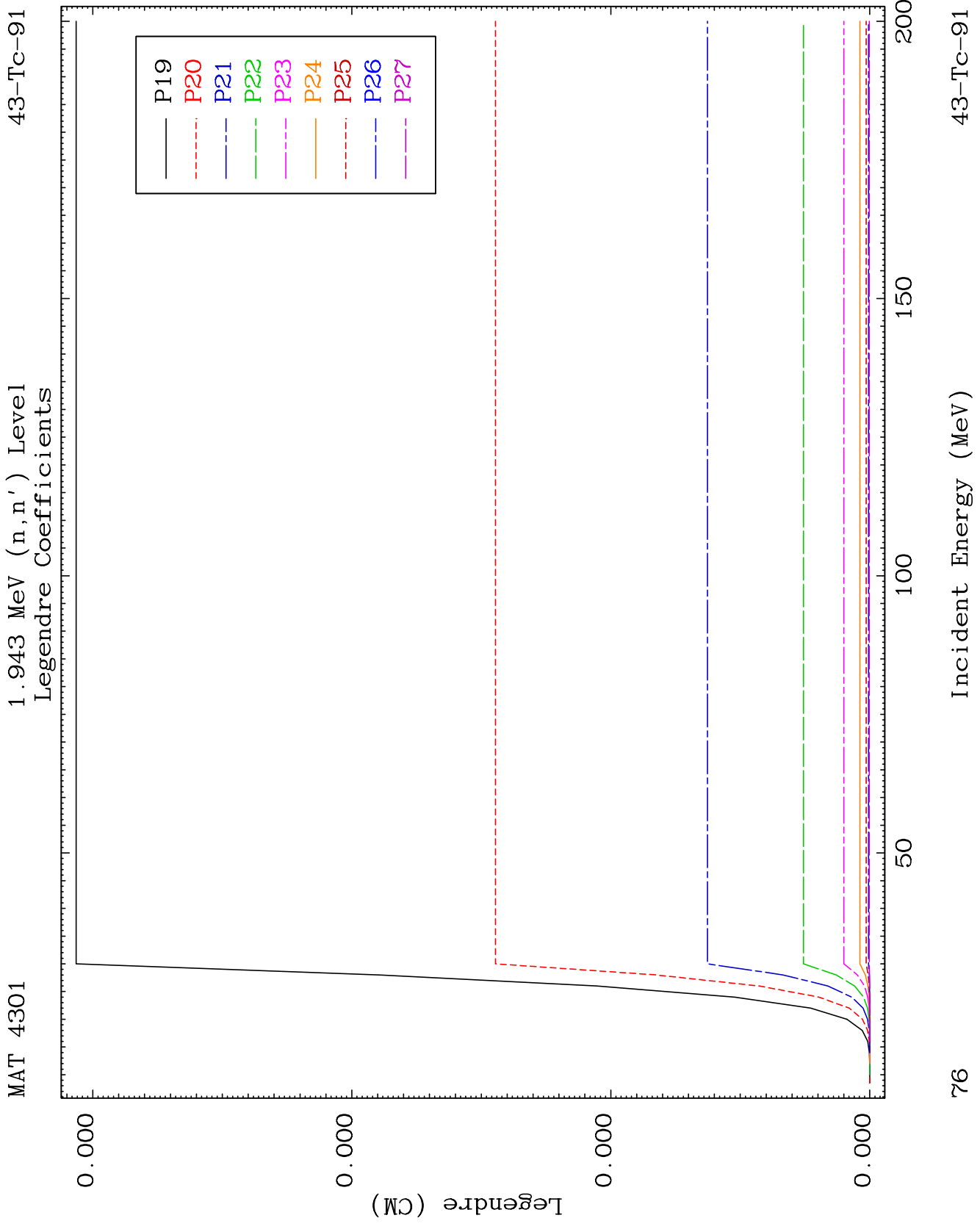
43-Tc-91



75

Incident Energy (MeV)

43-Tc-91



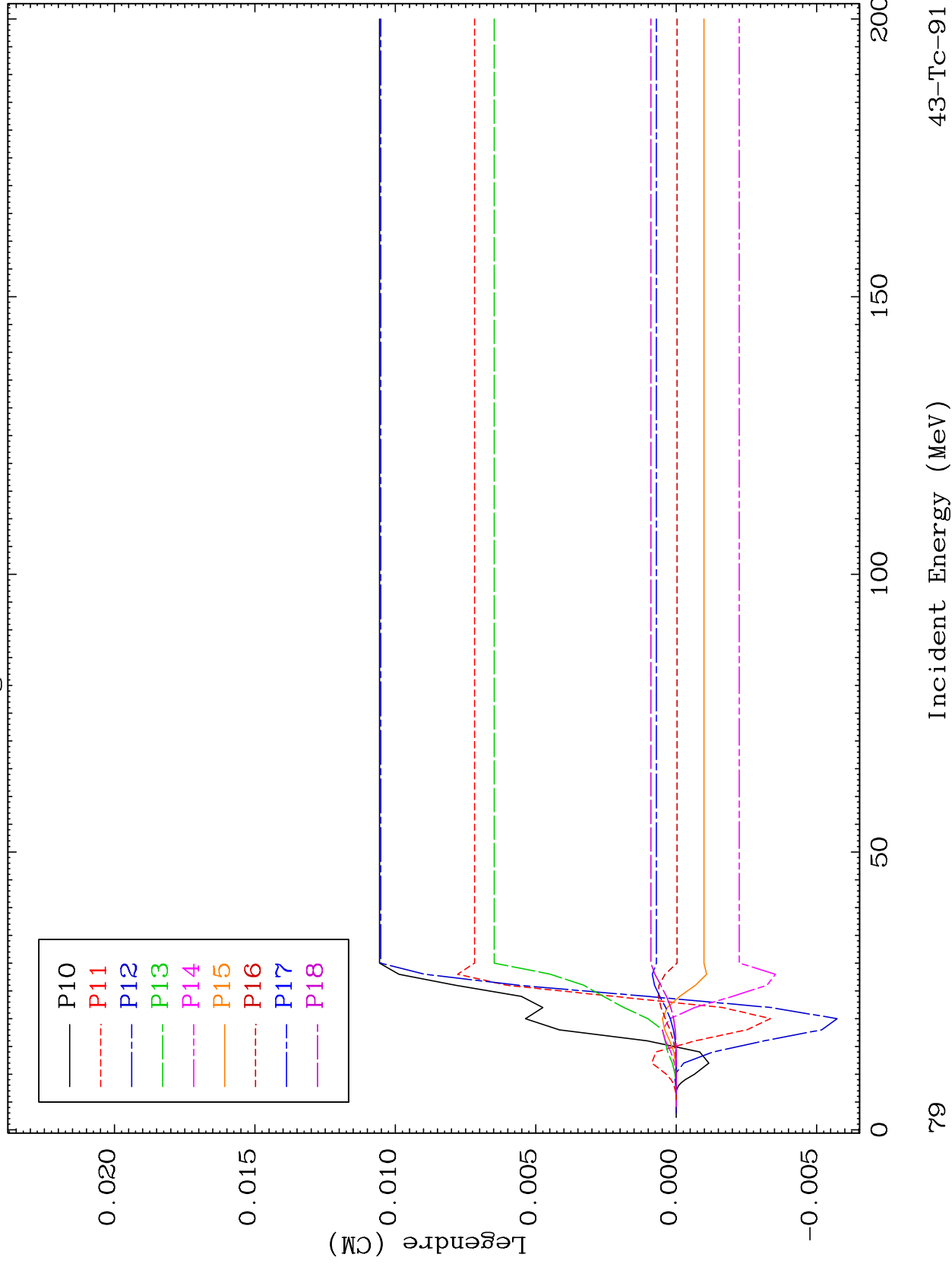




MAT 4301

1.998 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91

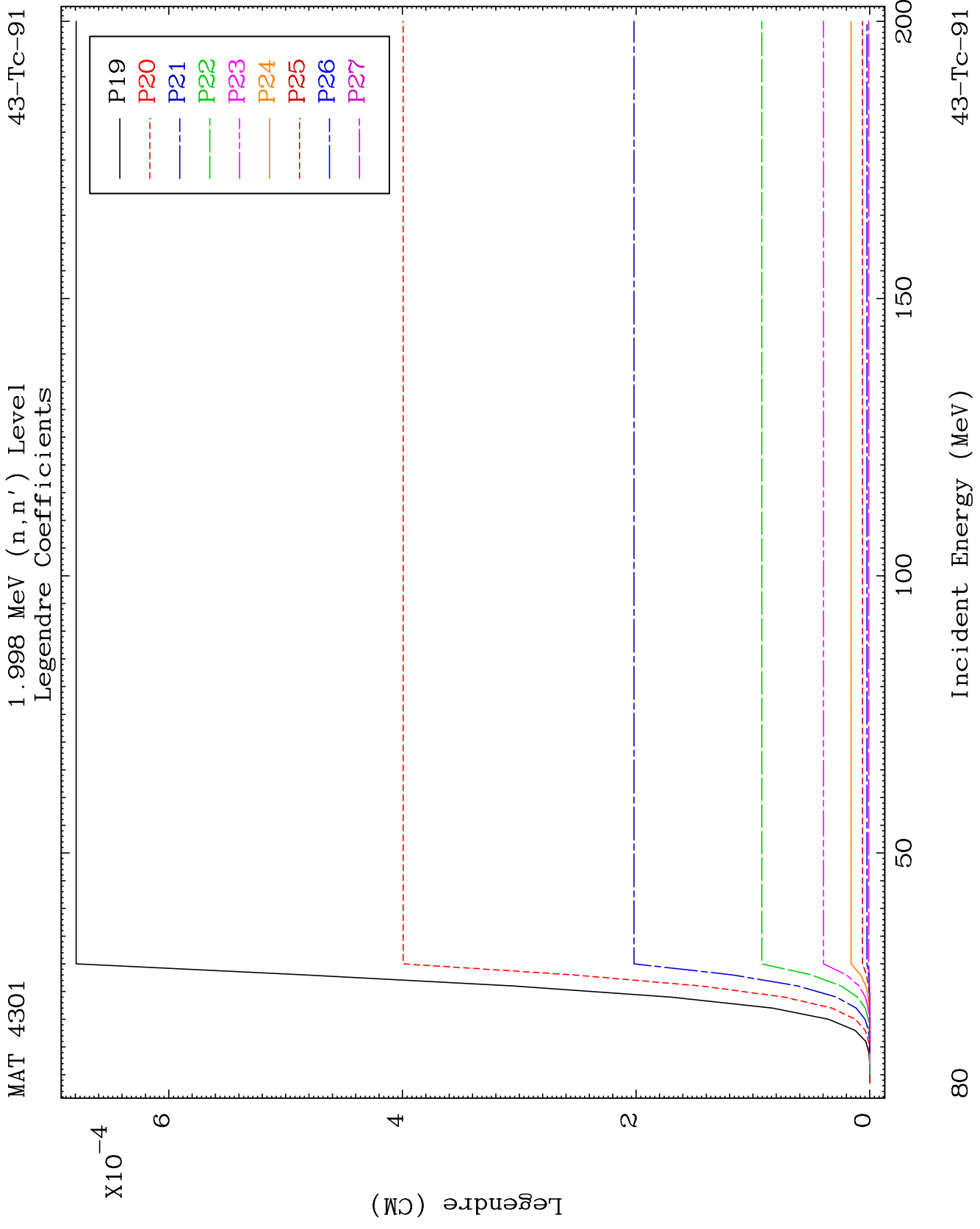


79

Incident Energy (MeV)

43-Tc-91

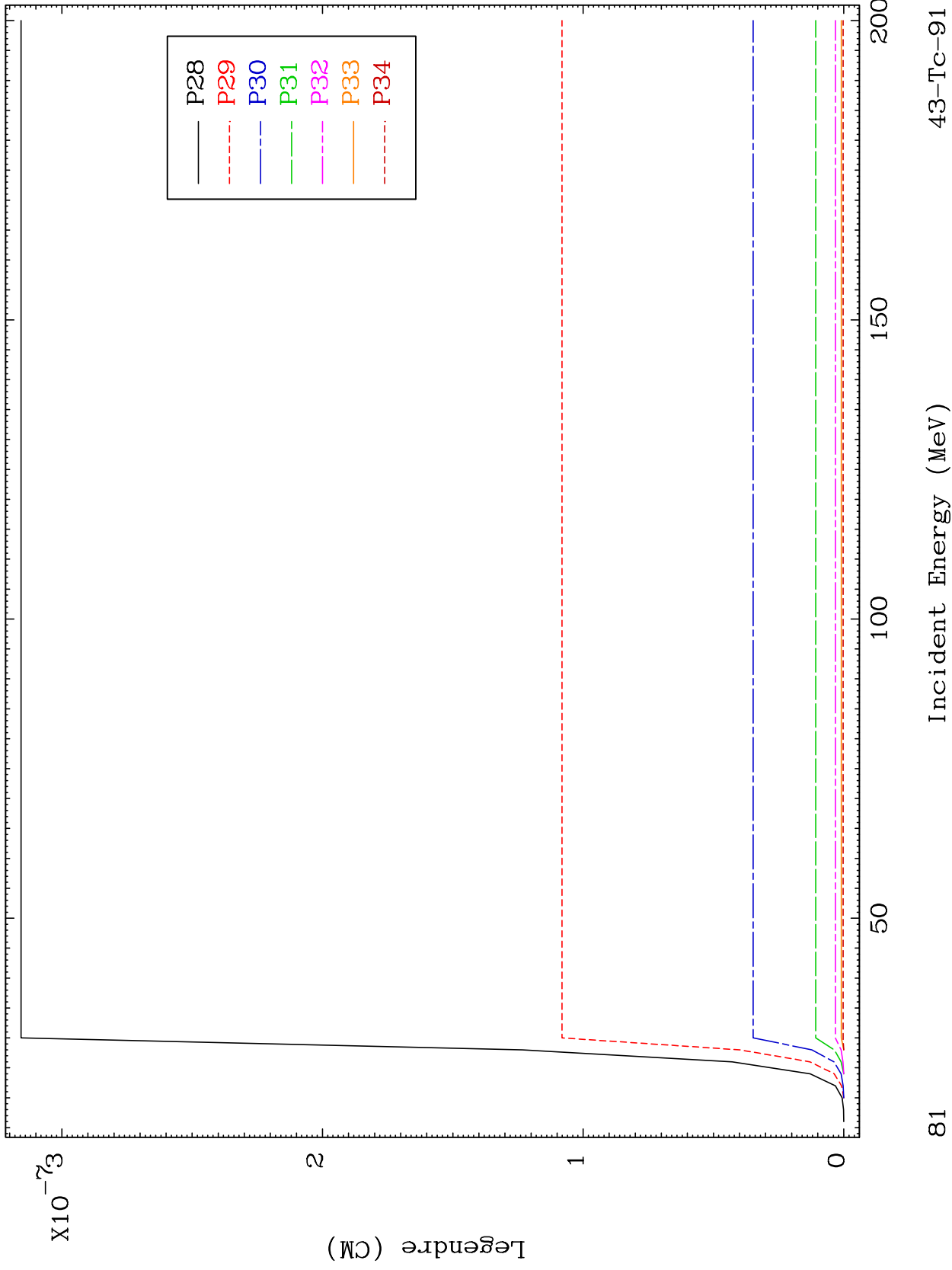


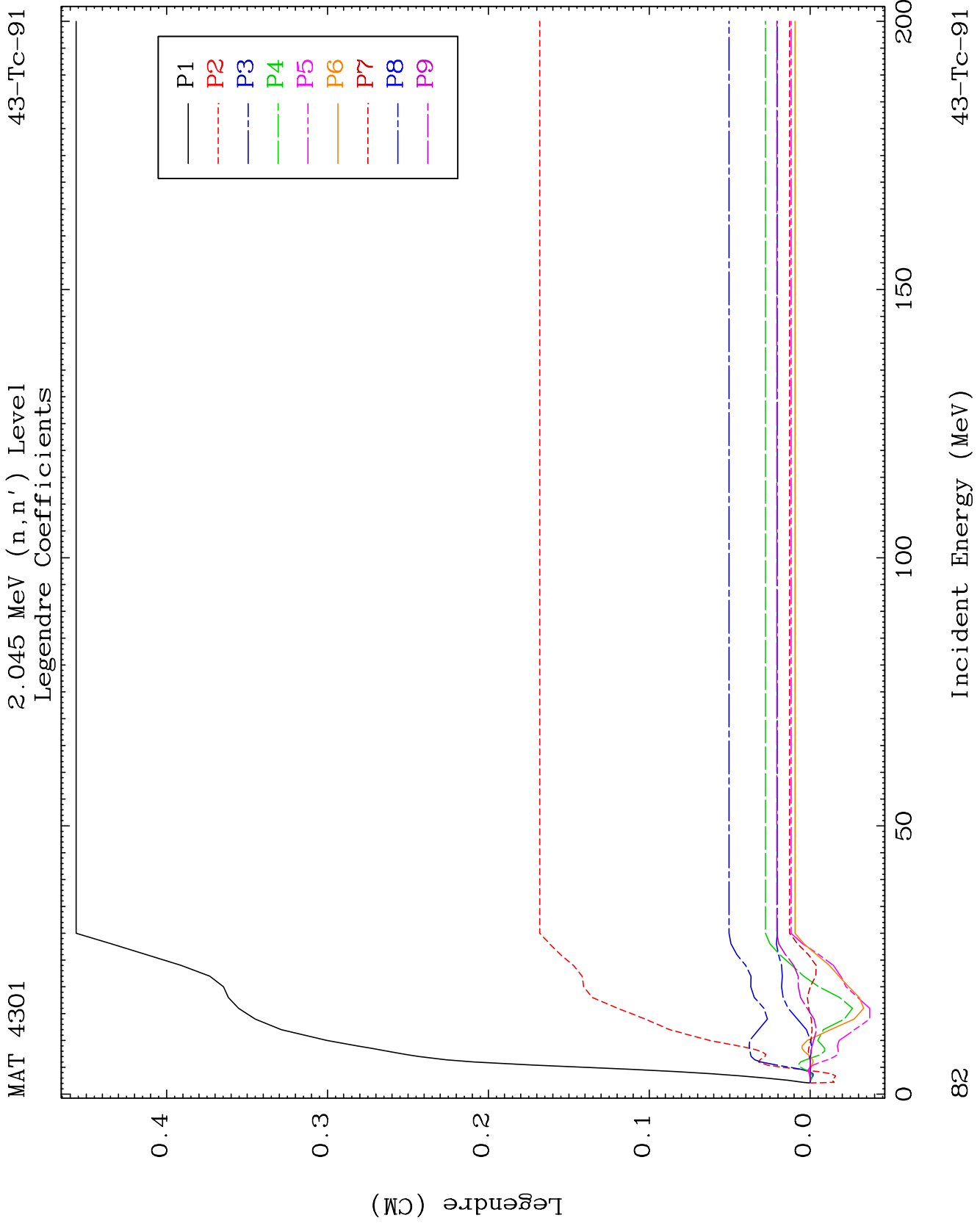


MAT 4301

1.998 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91

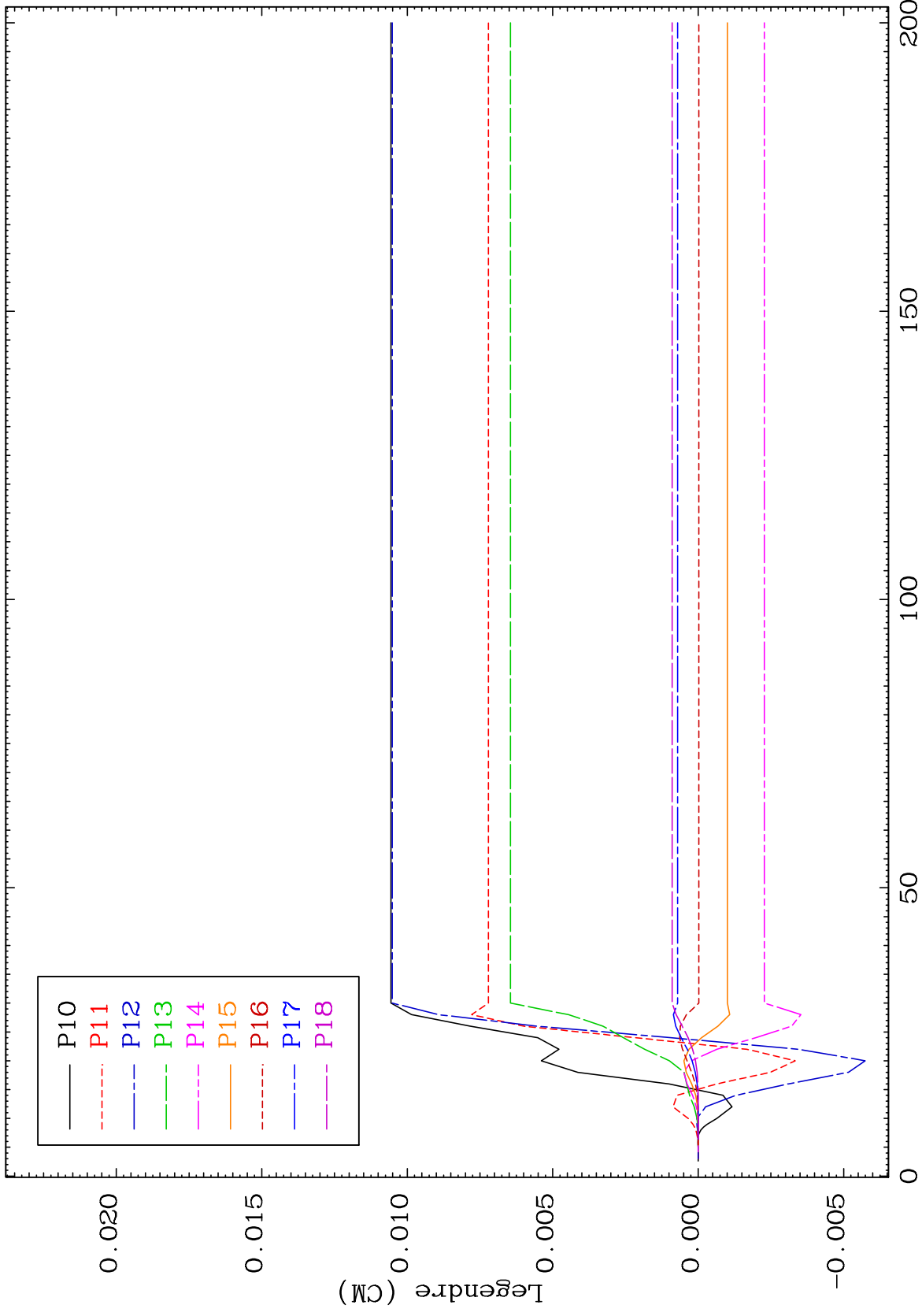




MAT 4301

2.045 MeV (n,n') Level  
Legendre Coefficients

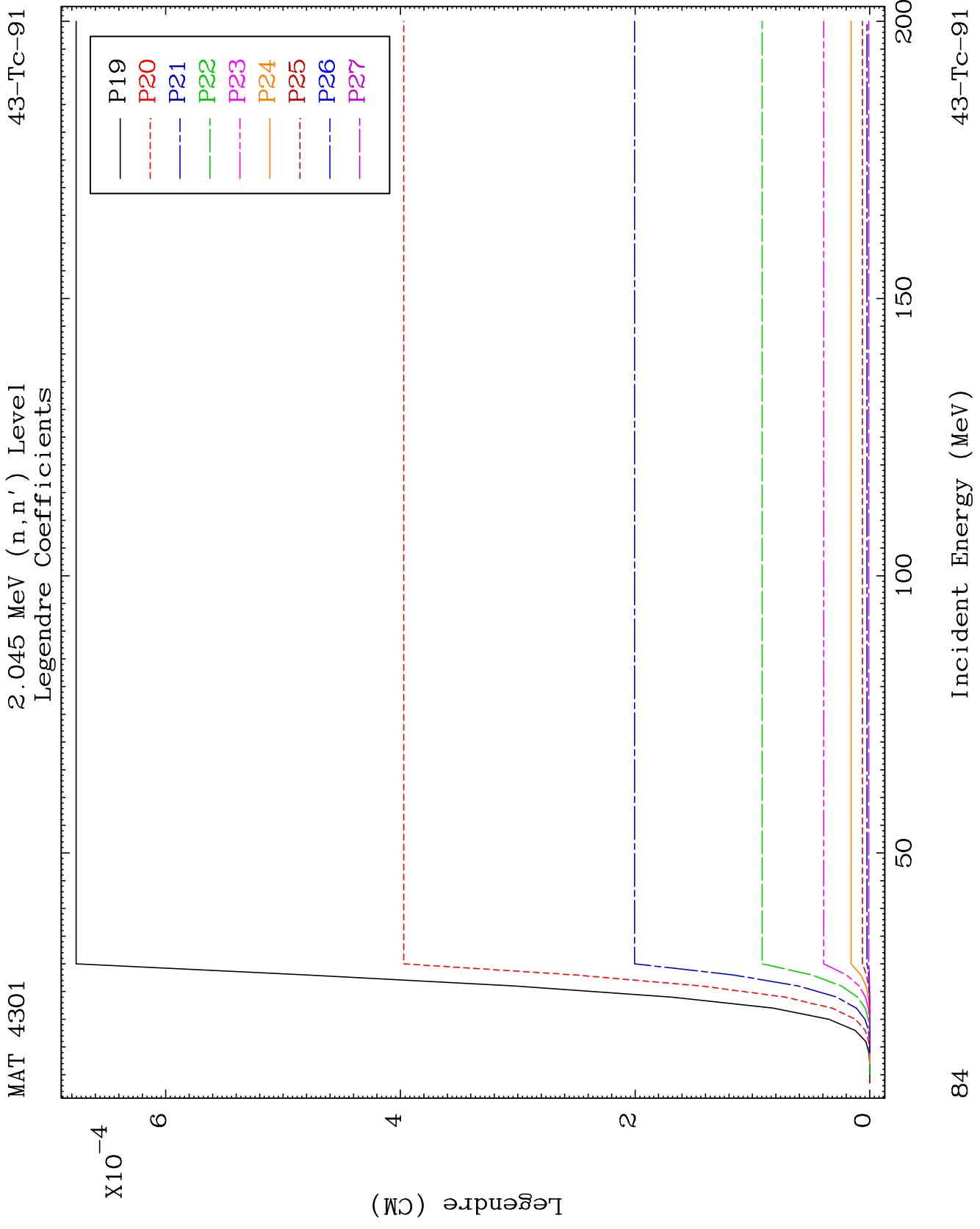
43-Tc-91



83

Incident Energy (MeV)

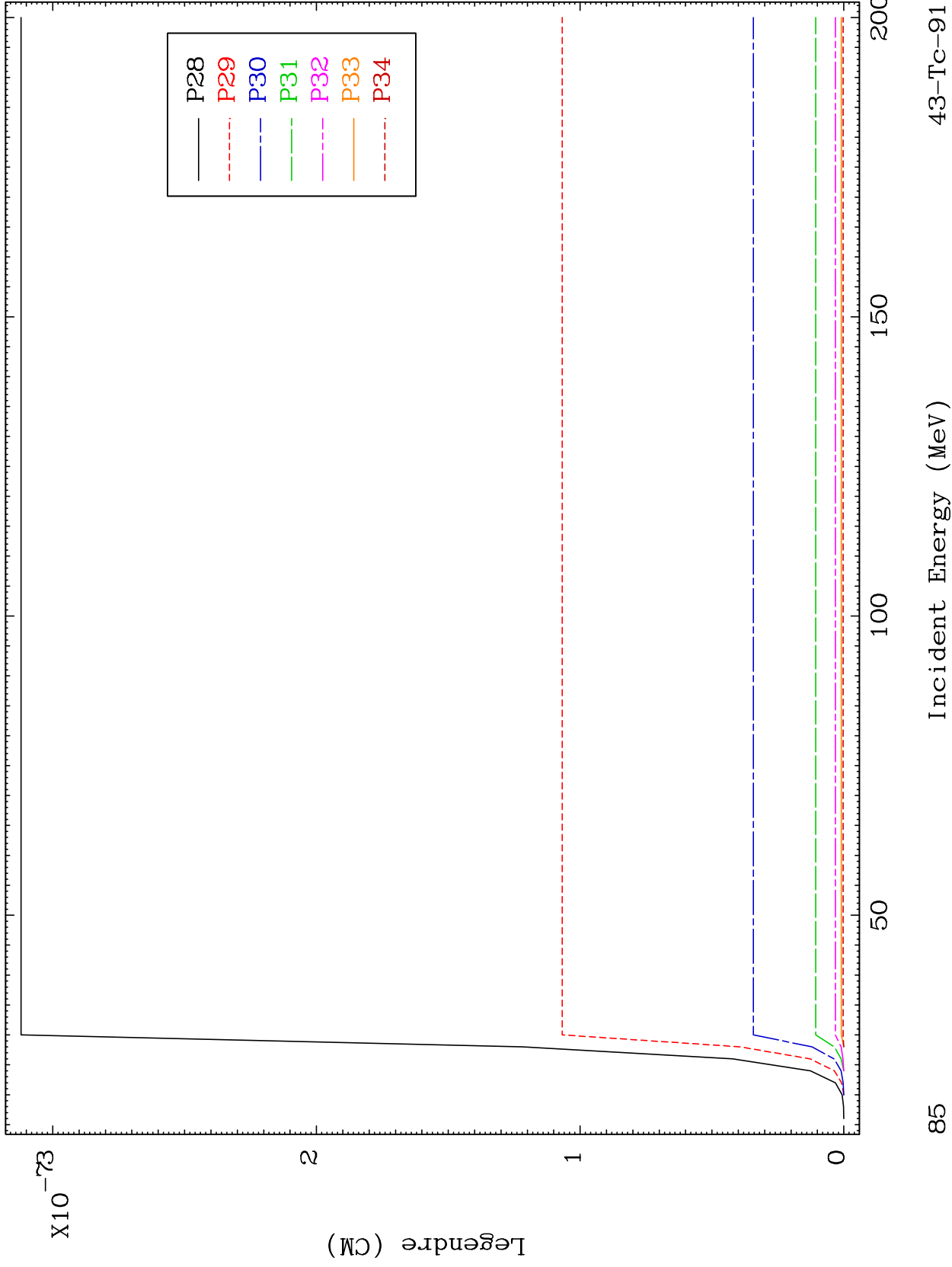
43-Tc-91



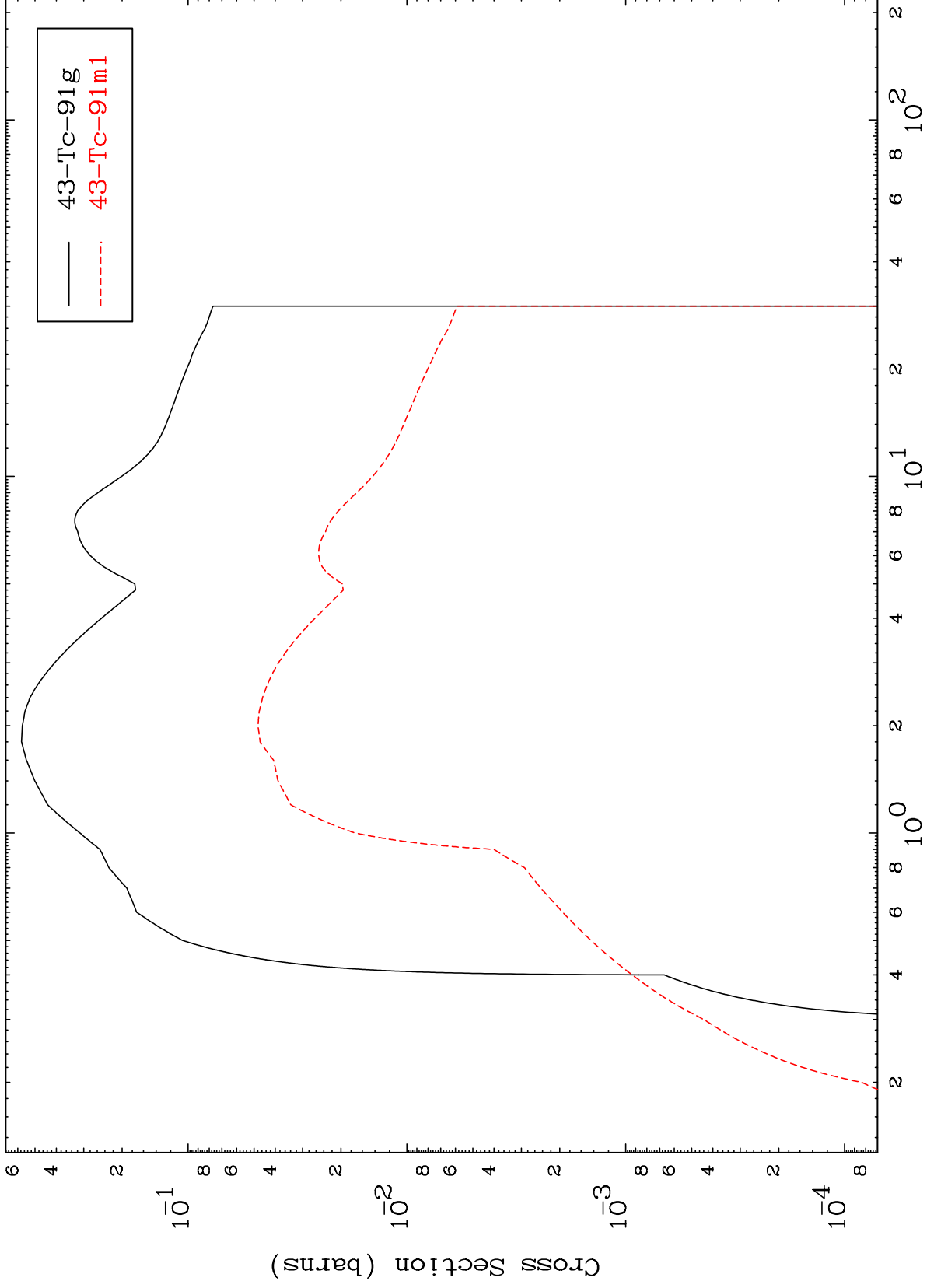
MAT 4301

2.045 MeV (n,n') Level  
Legendre Coefficients

43-Tc-91



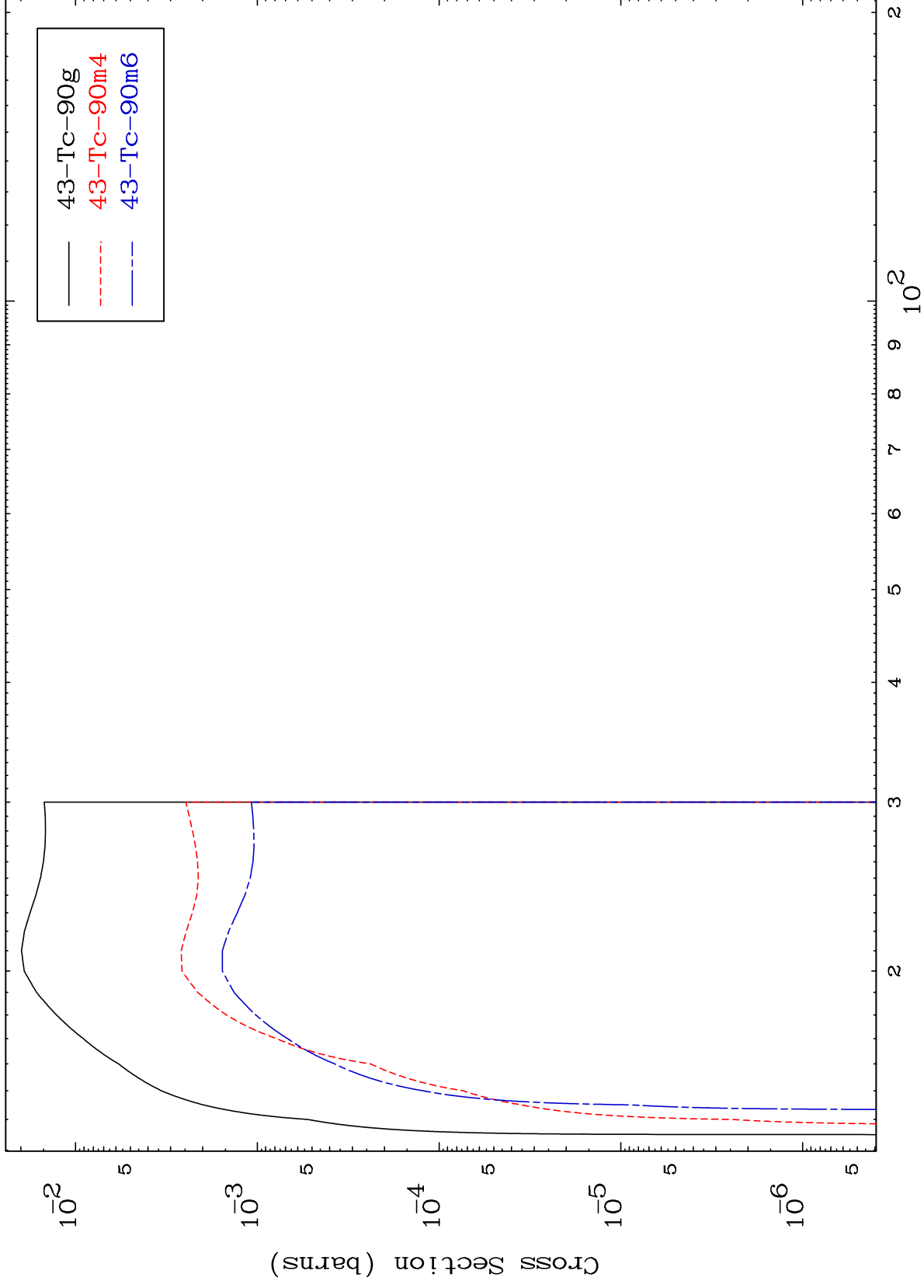
Inelastic  
Radionuclide Production Cross Section



MAT 4301

43-Tc-91

(n,2n)  
Radionuclide Production Cross Section



87

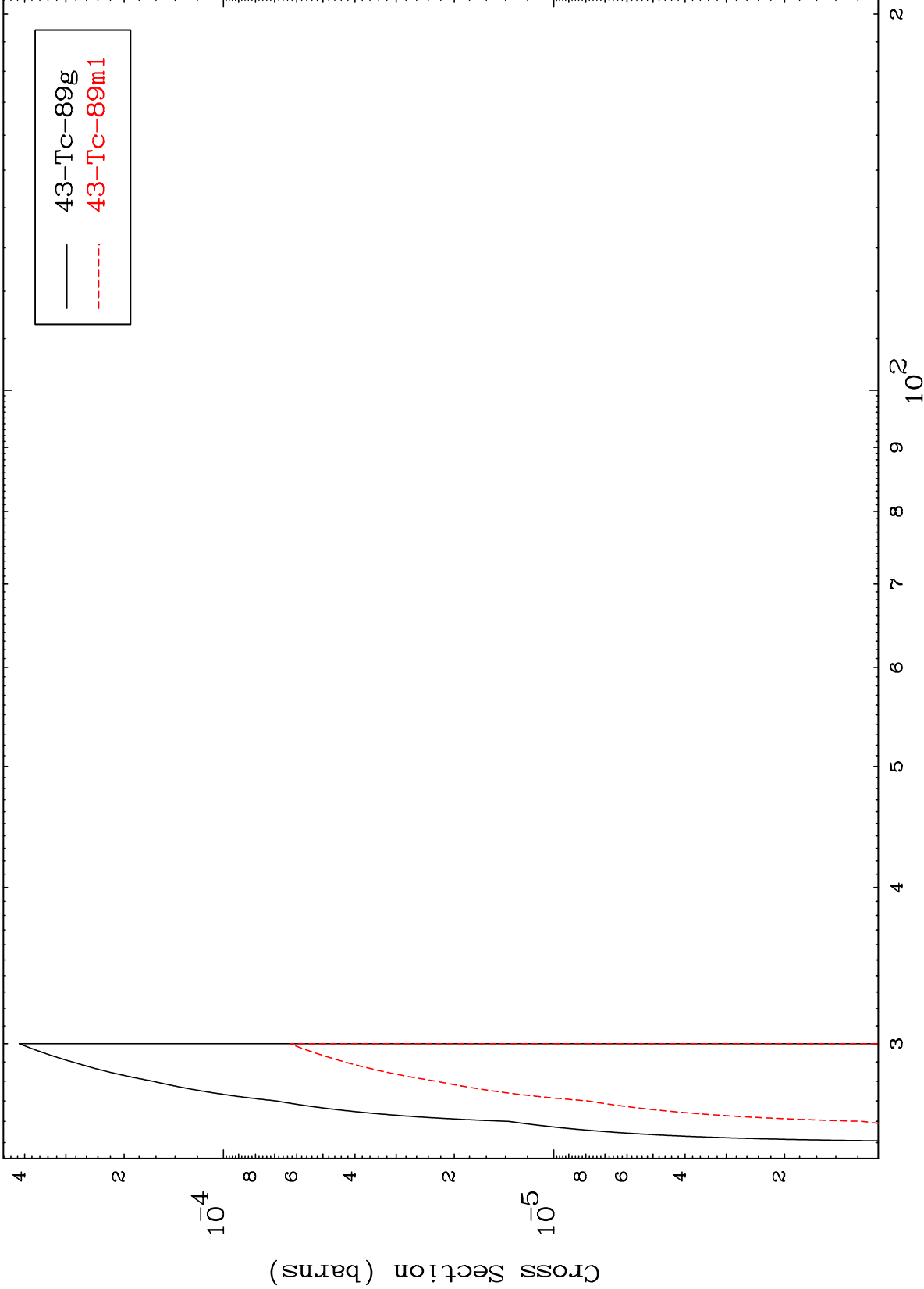
Incident Energy (MeV)

43-Tc-91



(n,3n)

Radionuclide Production Cross Section

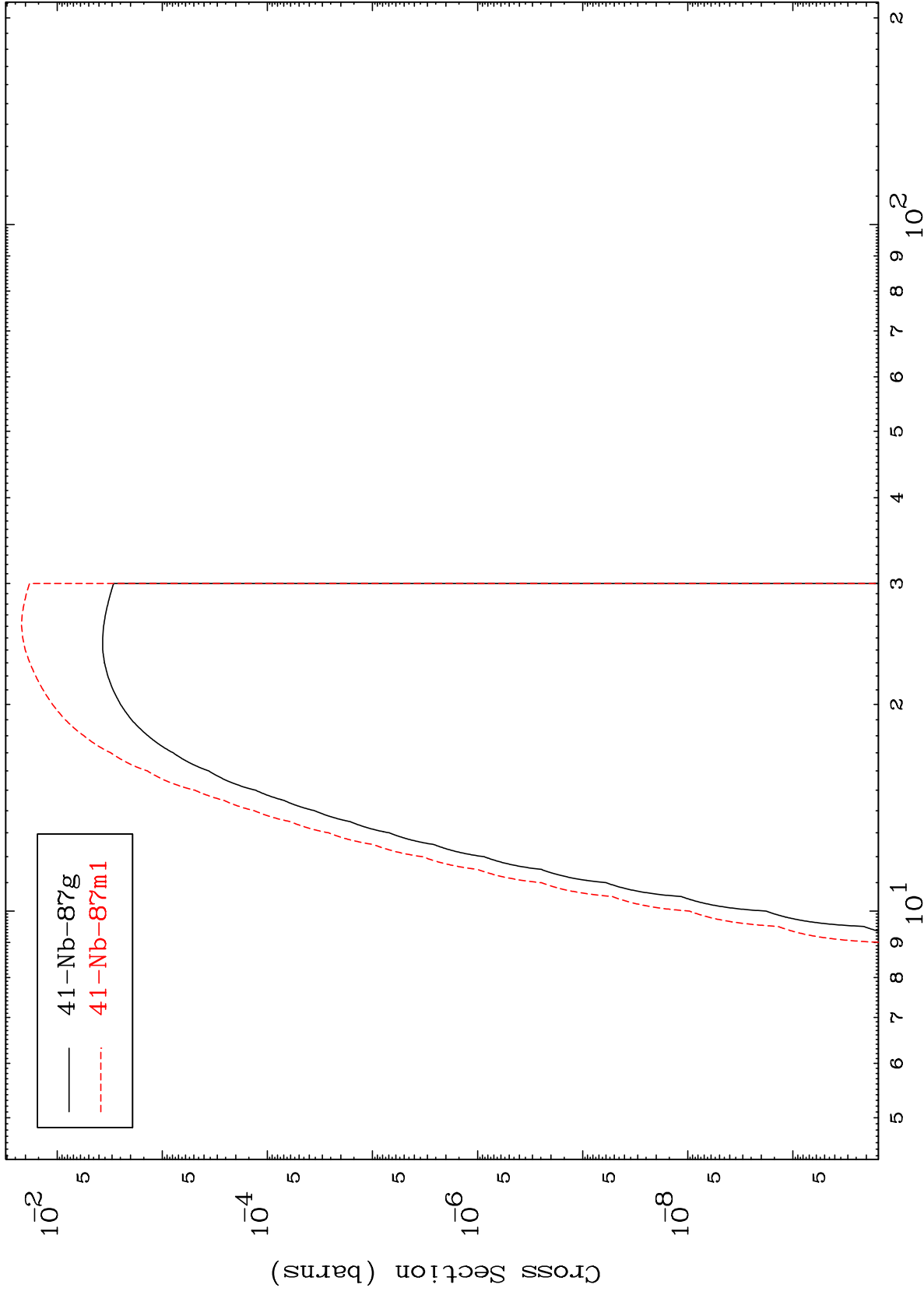


MAT 4301

(n,n')  $\alpha$

43-Tc-91

Radionuclide Production Cross Section



89

Incident Energy (MeV)

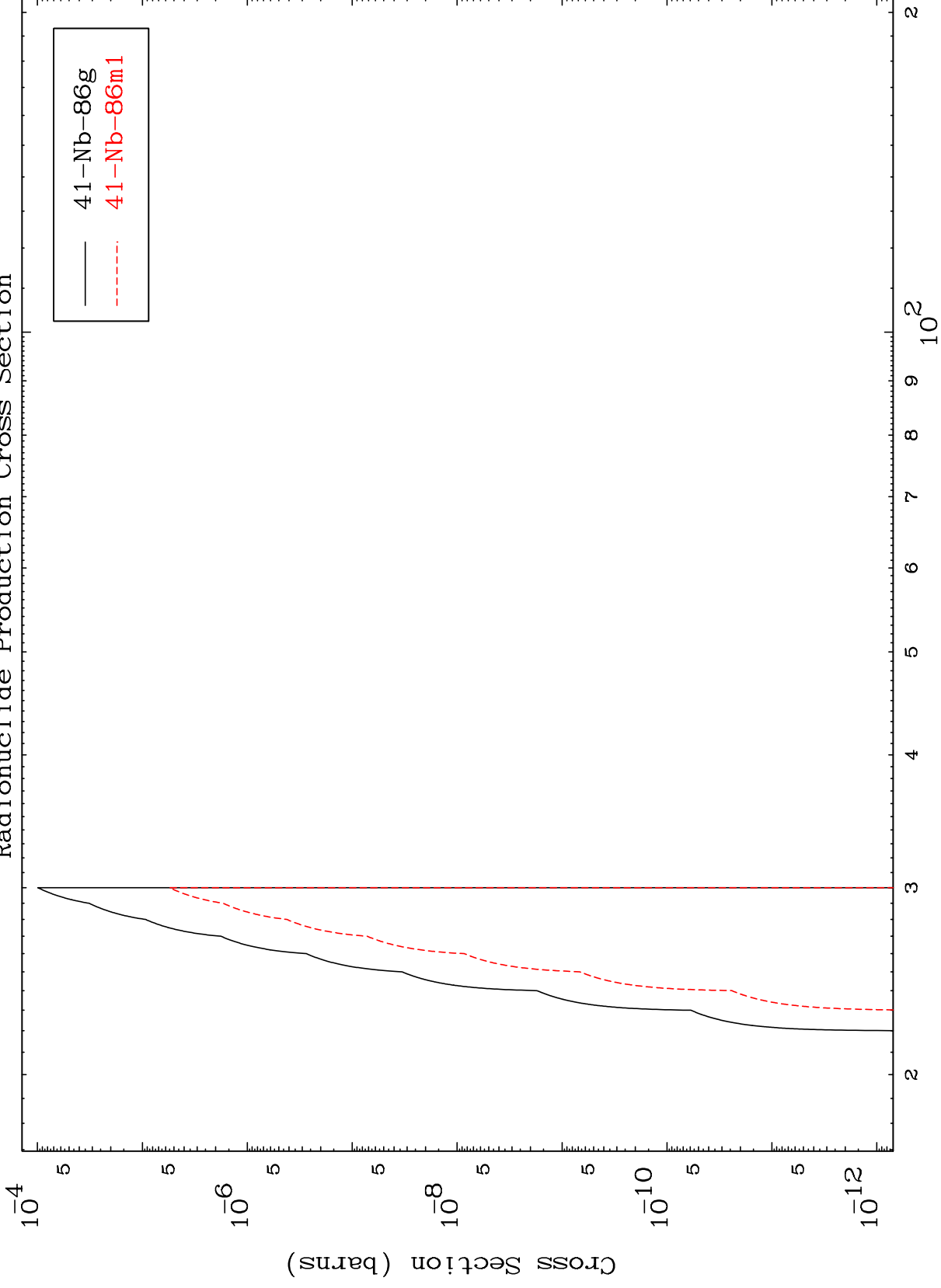
43-Tc-91

MAT 4301

(n,2n)  $\alpha$

43-Tc-91

Radionuclide Production Cross Section



90

Incident Energy (MeV)

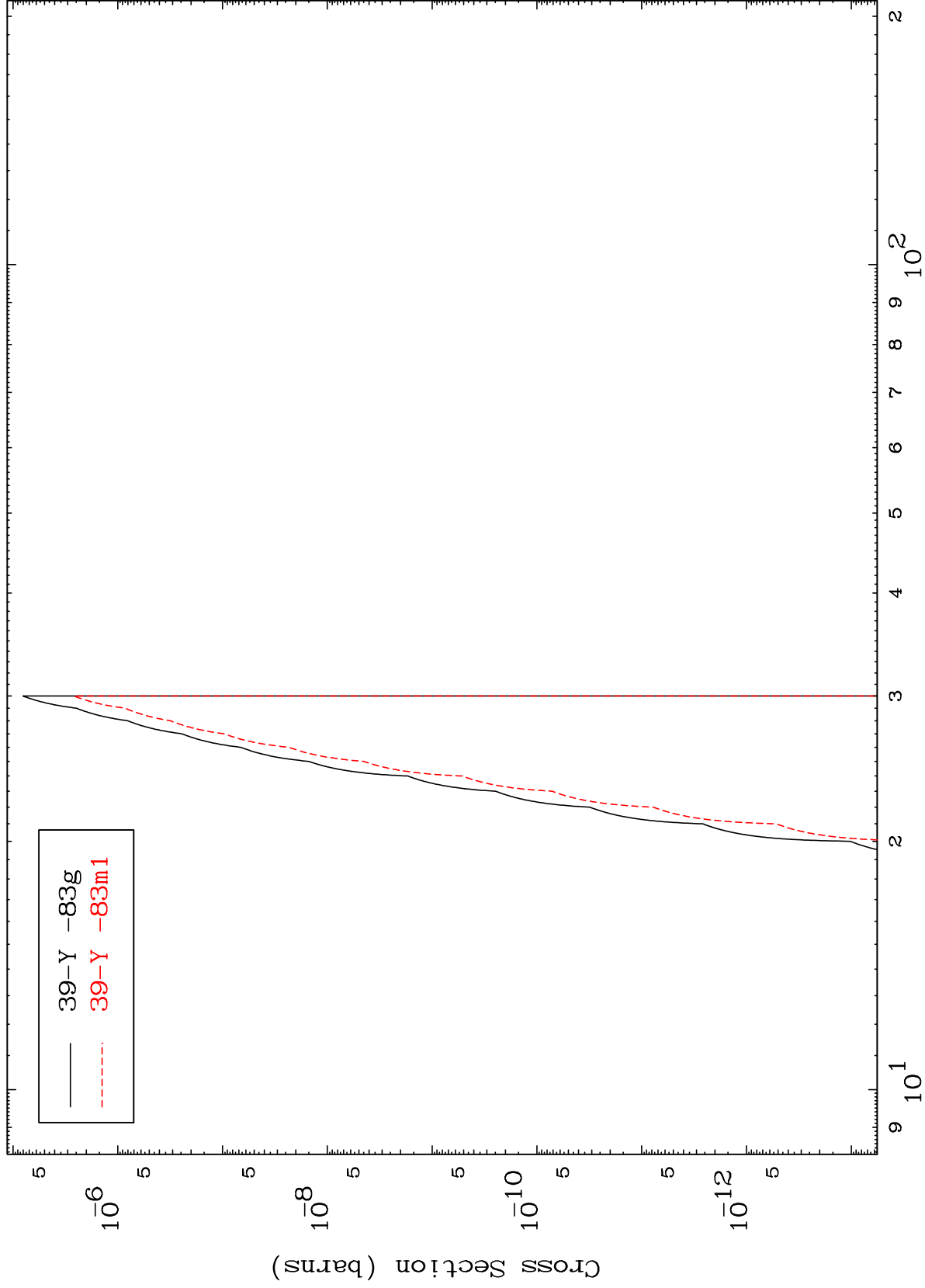
43-Tc-91

MAT 4301

(n,n') 2α

43-Tc-91

Radionuclide Production Cross Section

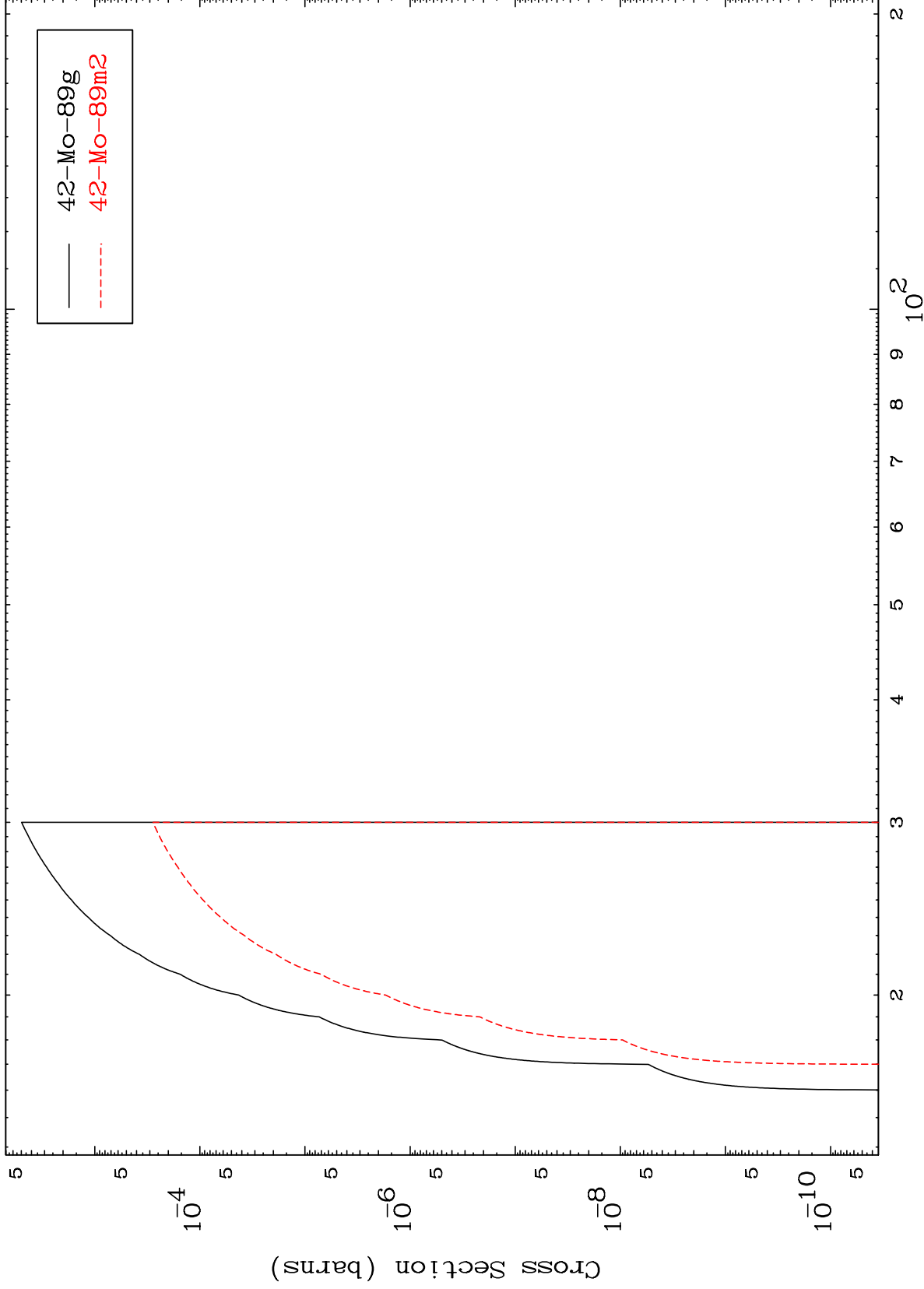


91

Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section



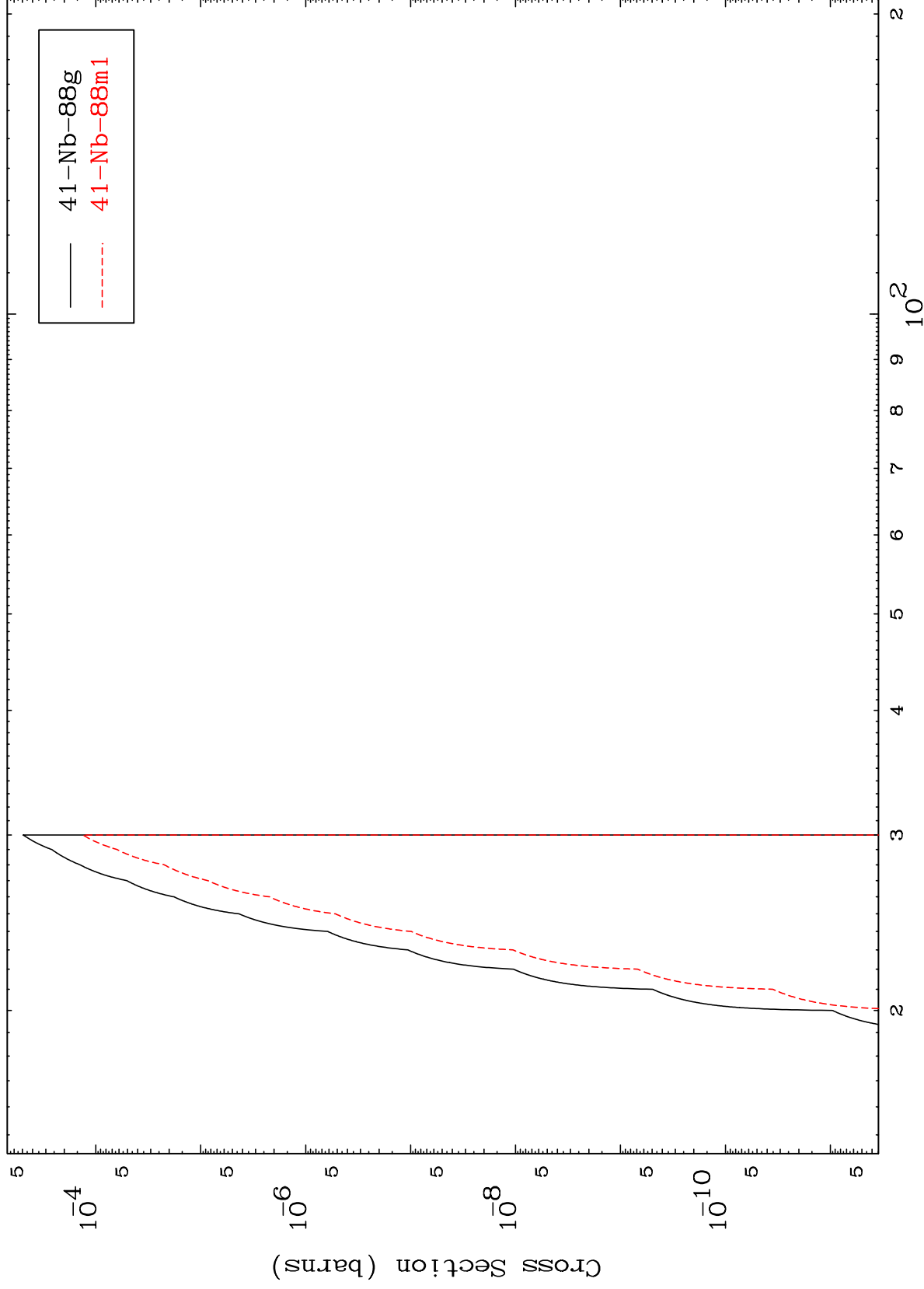
42-Mo-89g  
42-Mo-89m2

MAT 4301

(n,n') He-3

43-Tc-91

Radionuclide Production Cross Section

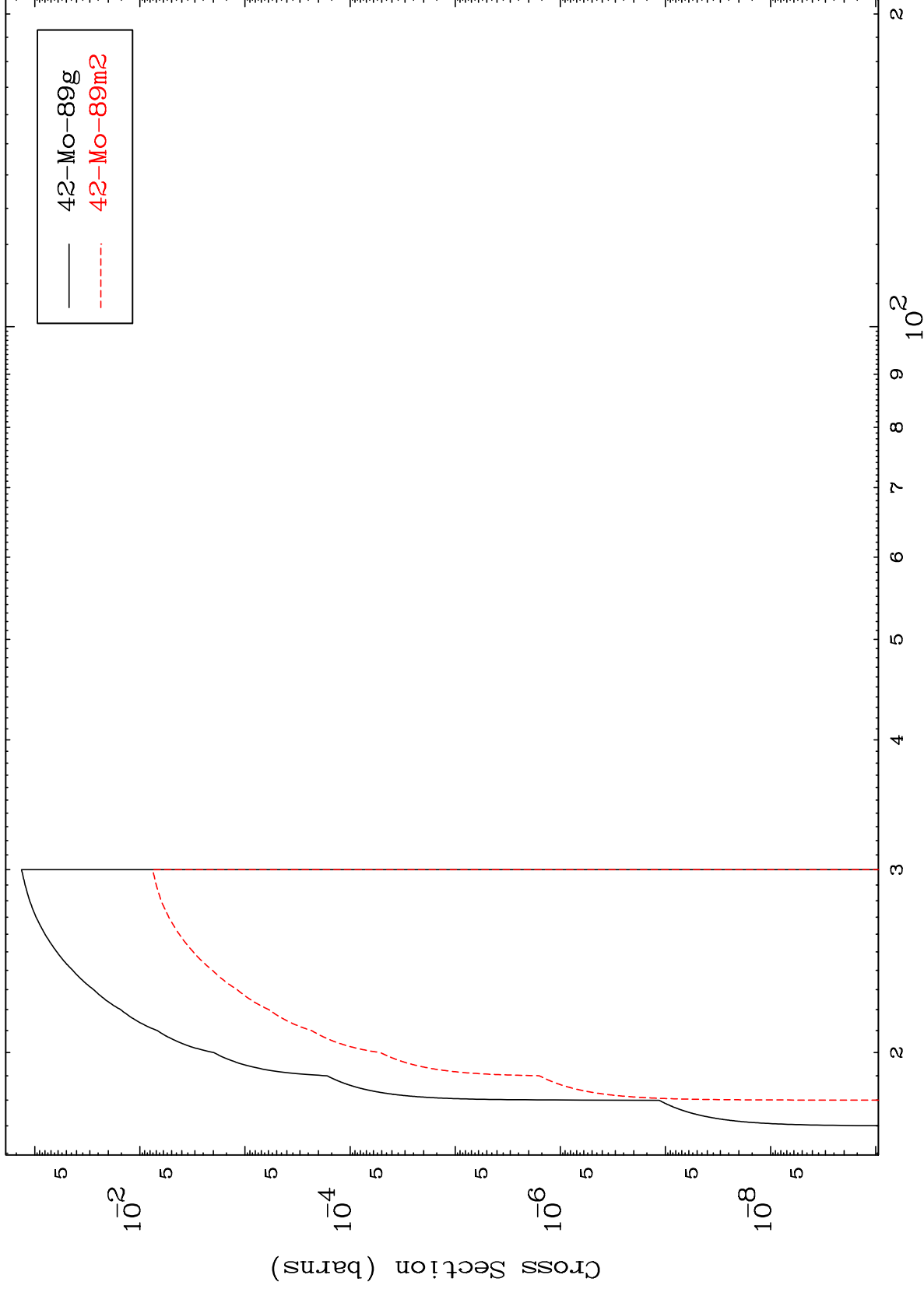


93

Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section

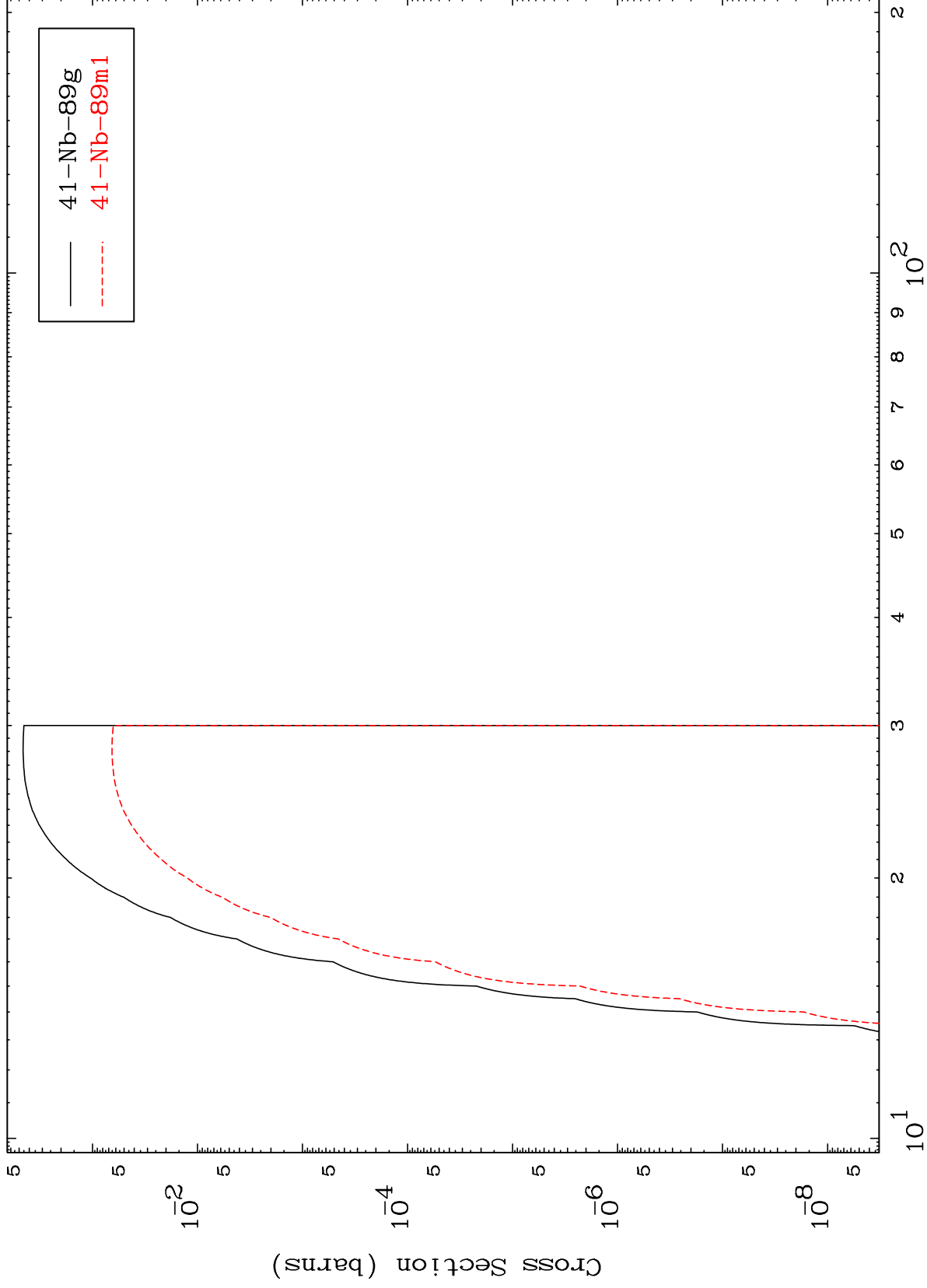


MAT 4301

(n,2n) p

43-Tc-91

Radionuclide Production Cross Section



95

Incident Energy (MeV)

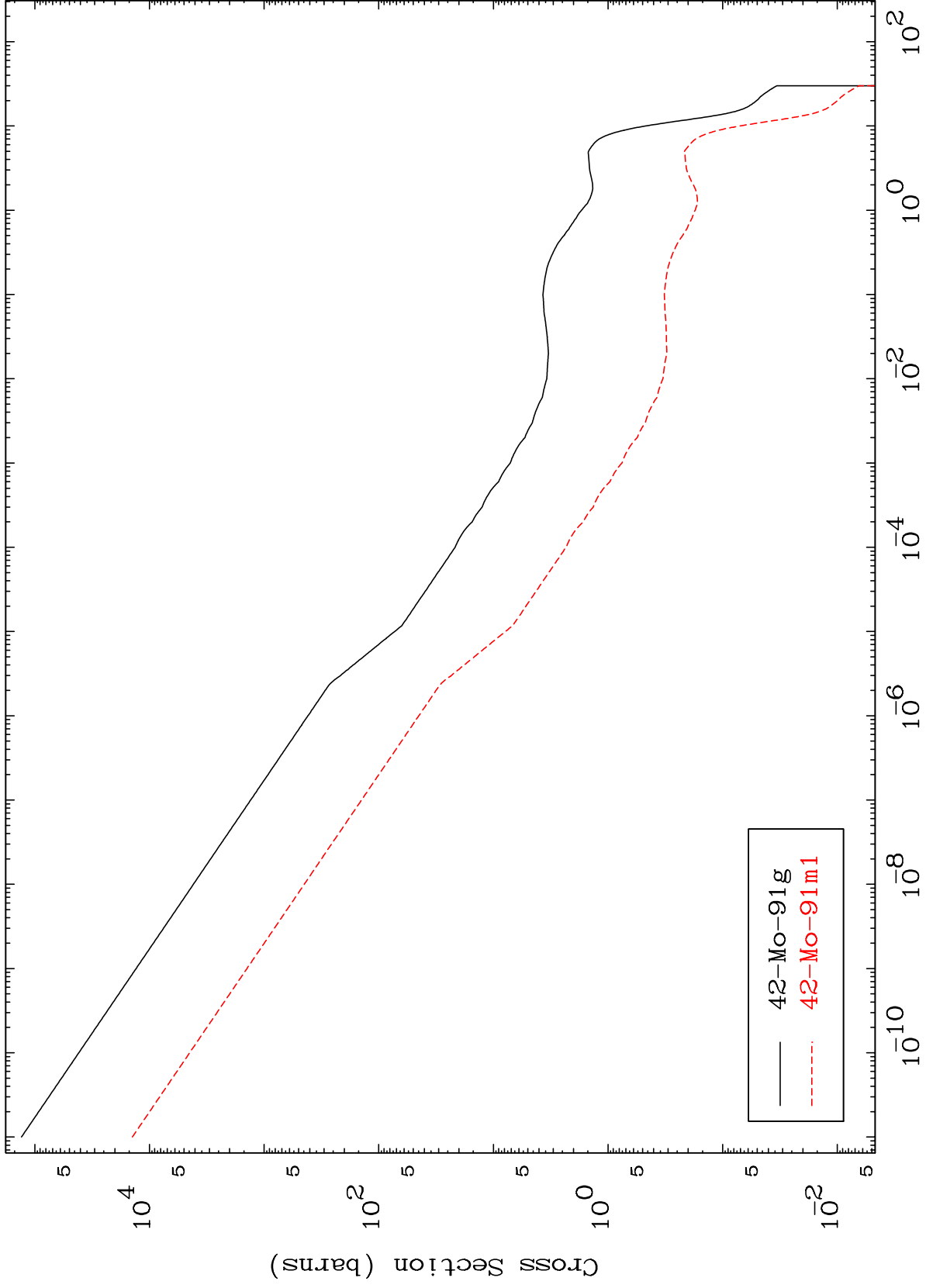
43-Tc-91



MAT 4301

43-Tc-91

(n,p)  
Radionuclide Production Cross Section



96

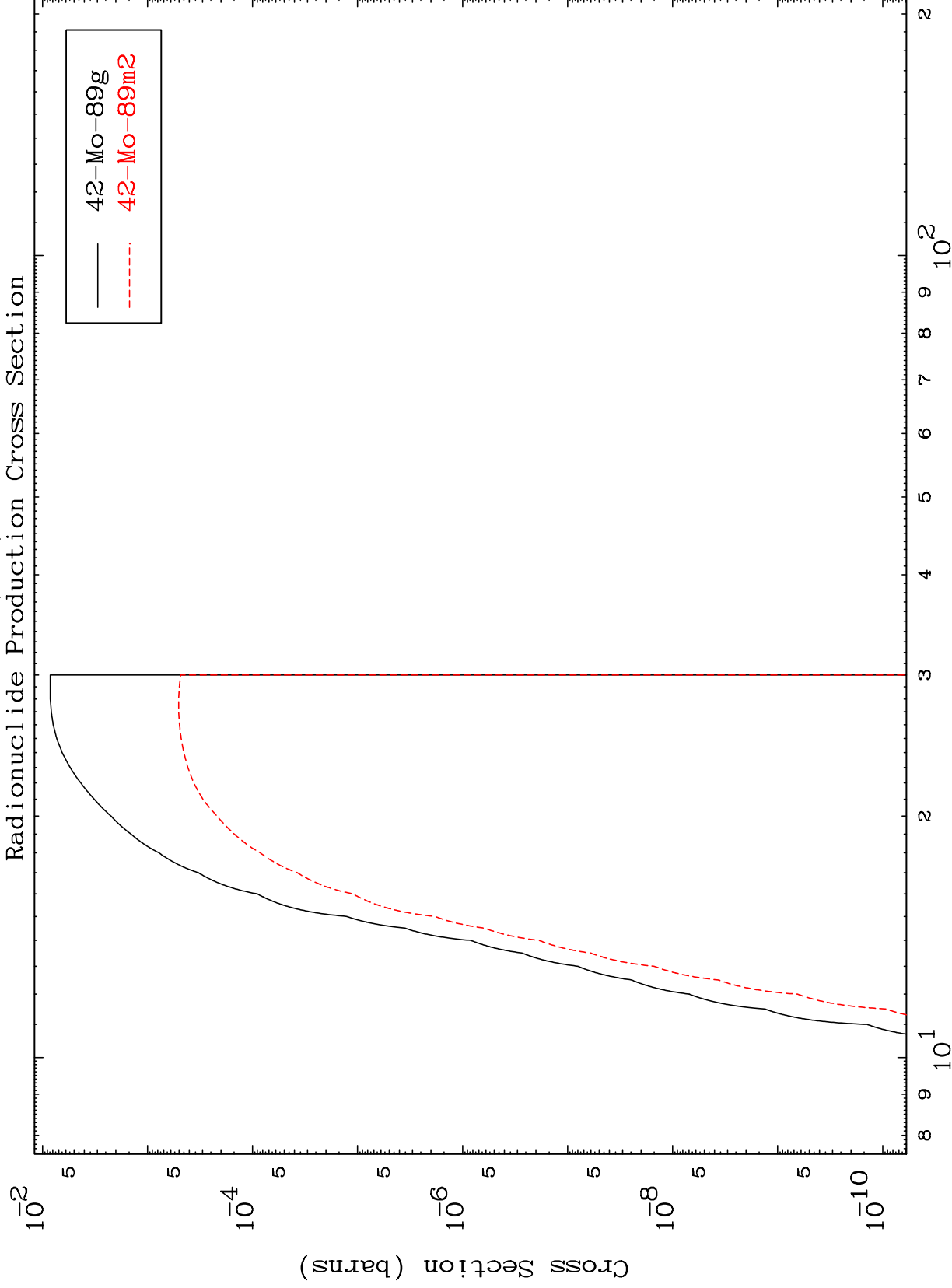
43-Tc-91

MAT 4301

(n, t)

43-Tc-91

Radionuclide Production Cross Section



97

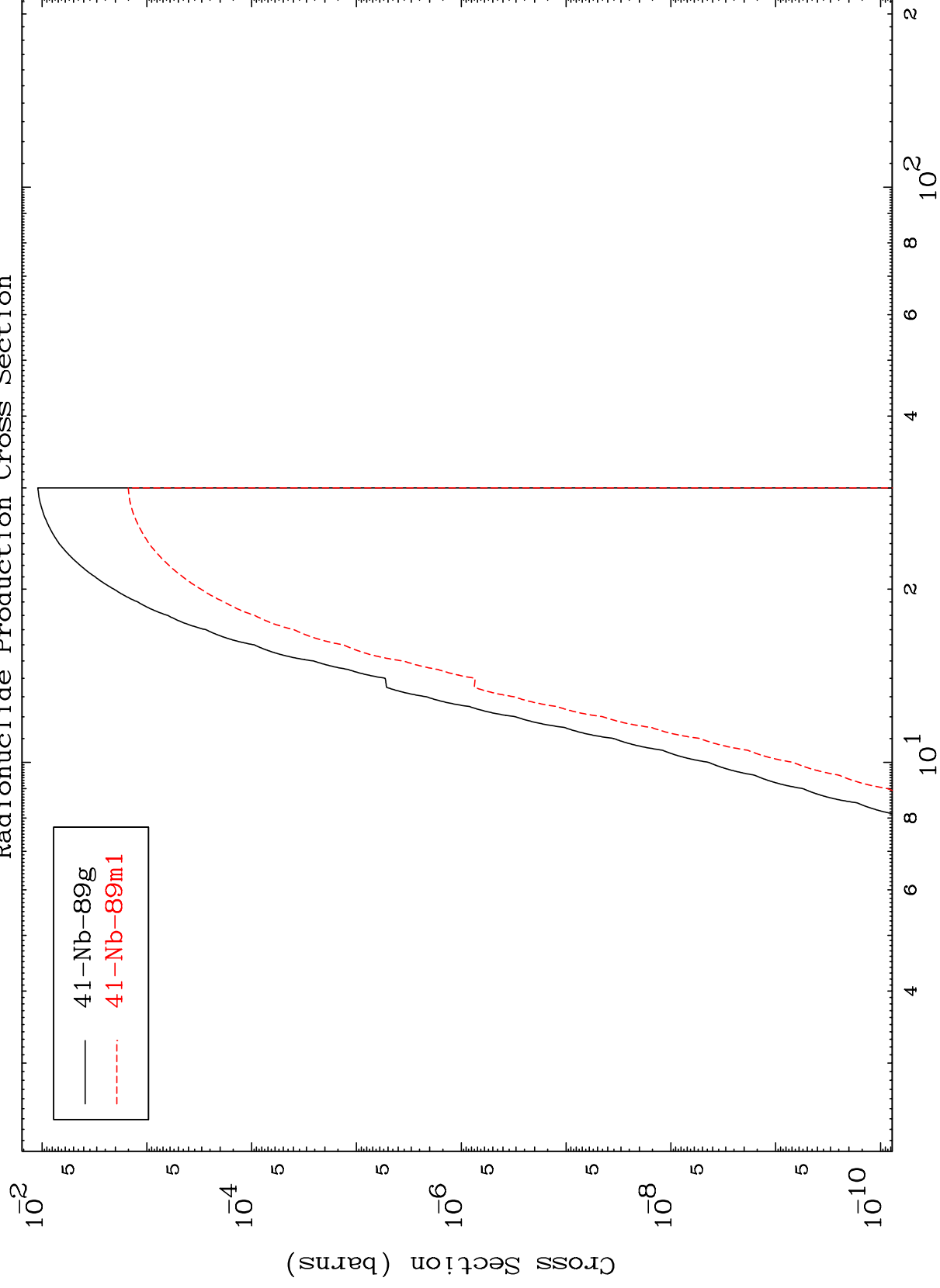
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

Radionuclide Production Cross Section



98

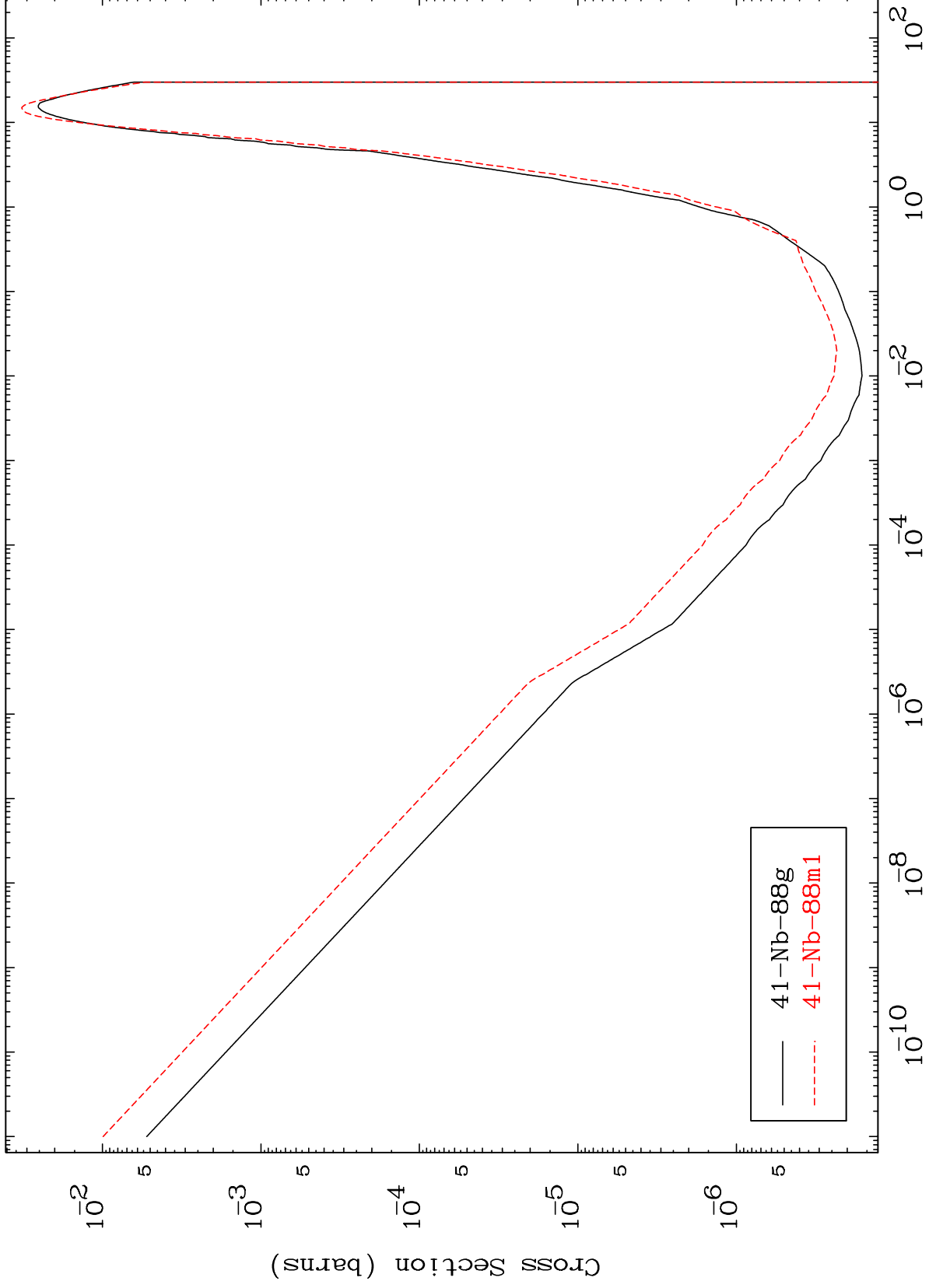
43-Tc-91

Incident Energy (MeV)

MAT 4301

43-Tc-91

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



99

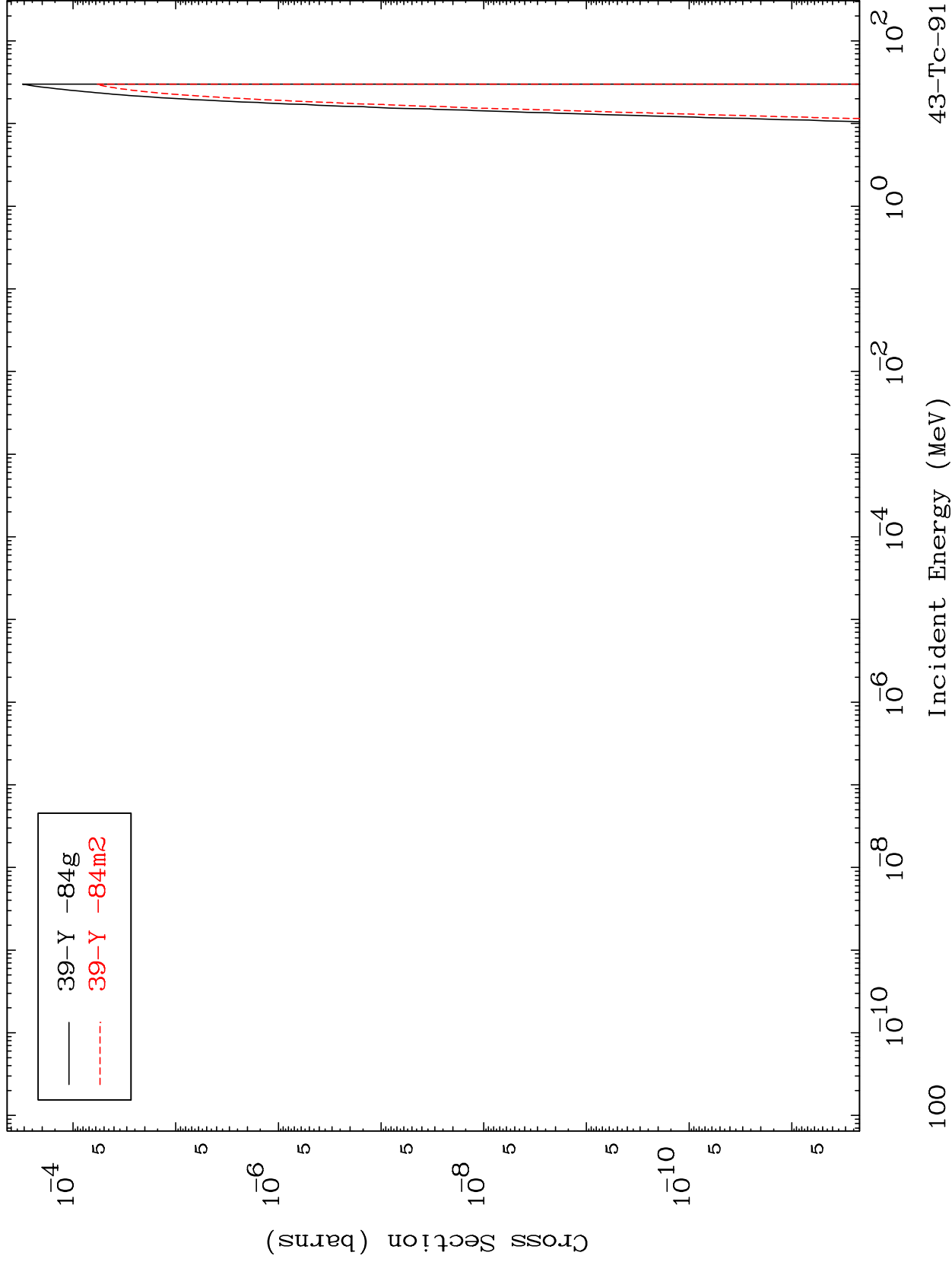
43-Tc-91

Incident Energy (MeV)

MAT 4301

43-Tc-91

(n,2α)  
Radionuclide Production Cross Section

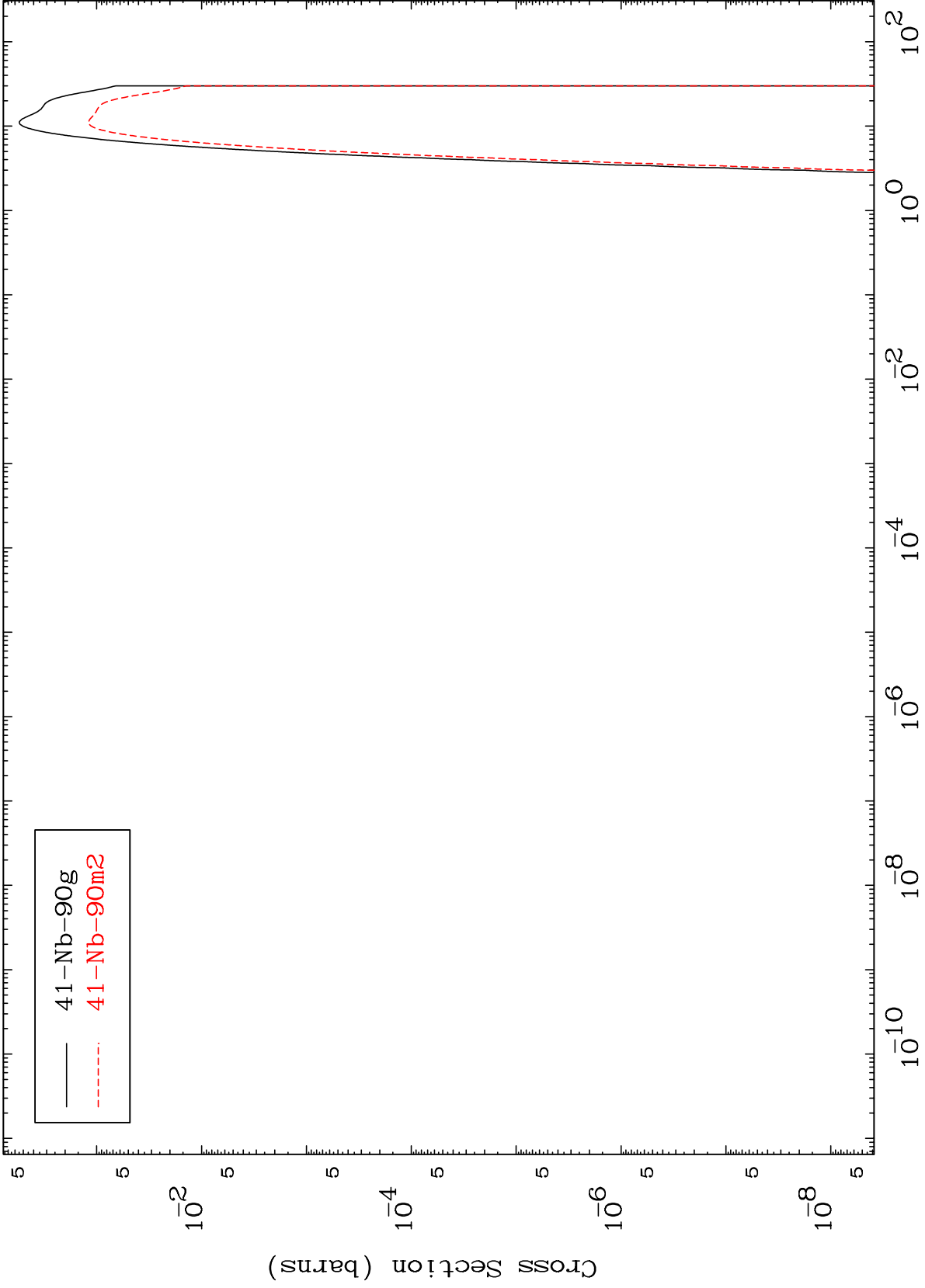


MAT 4301

(n,2p)

43-Tc-91

Radionuclide Production Cross Section



101

Incident Energy (MeV)

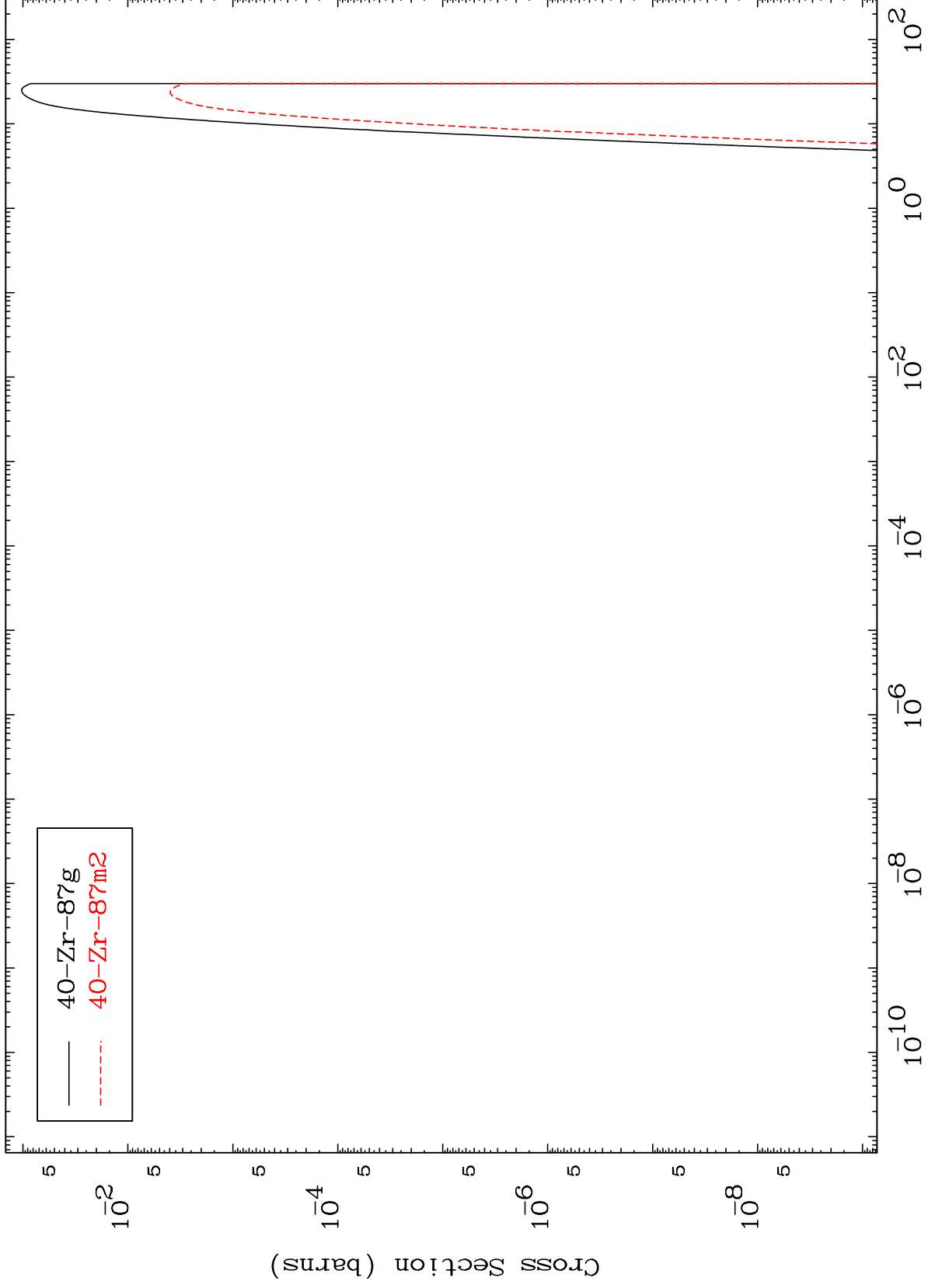
43-Tc-91

MAT 4301

(n,p)  $\alpha$

43-Tc-91

Radionuclide Production Cross Section

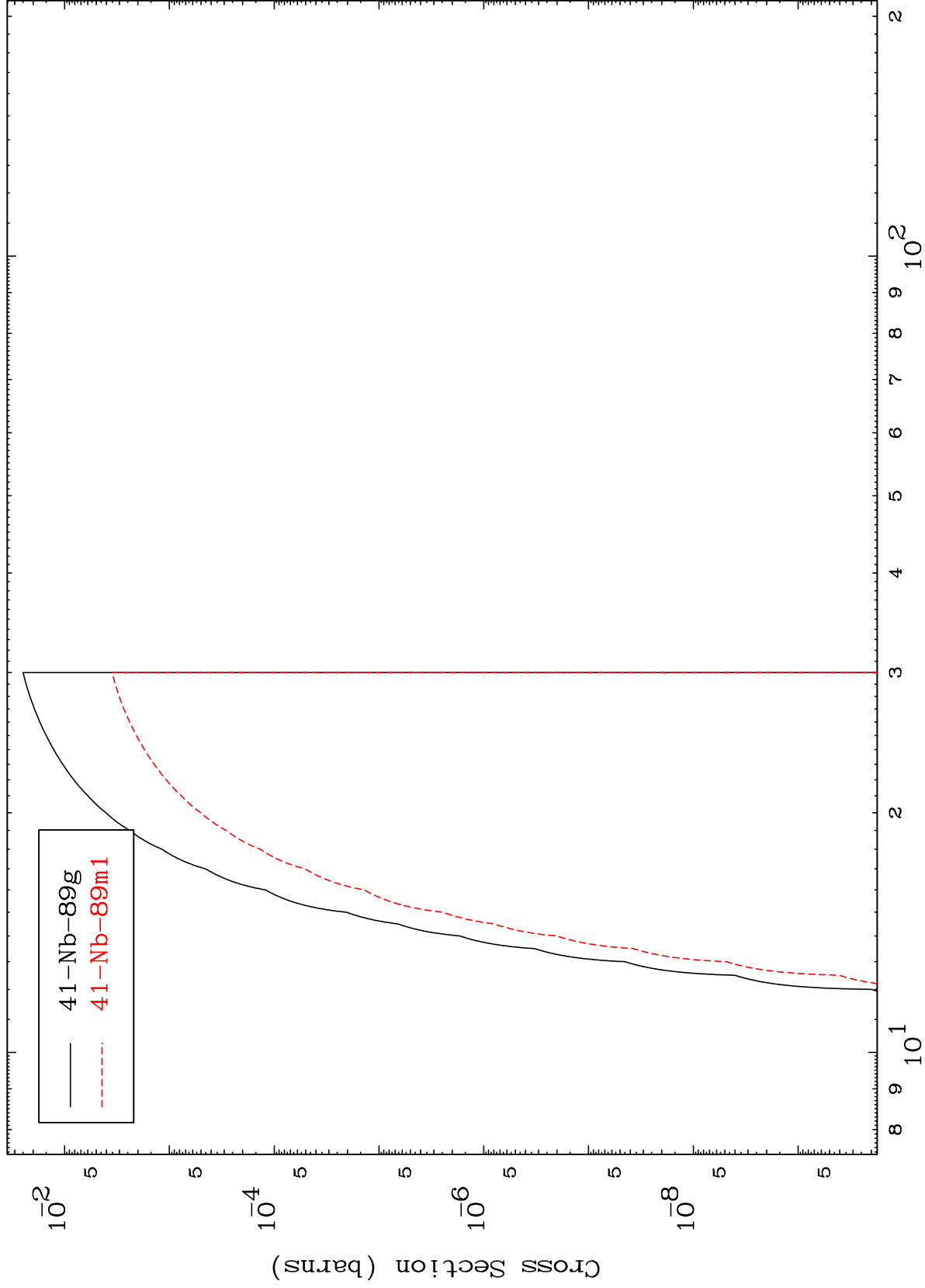


MAT 4301

(n,p) d

43-Tc-91

Radionuclide Production Cross Section



103

Incident Energy (MeV)

43-Tc-91

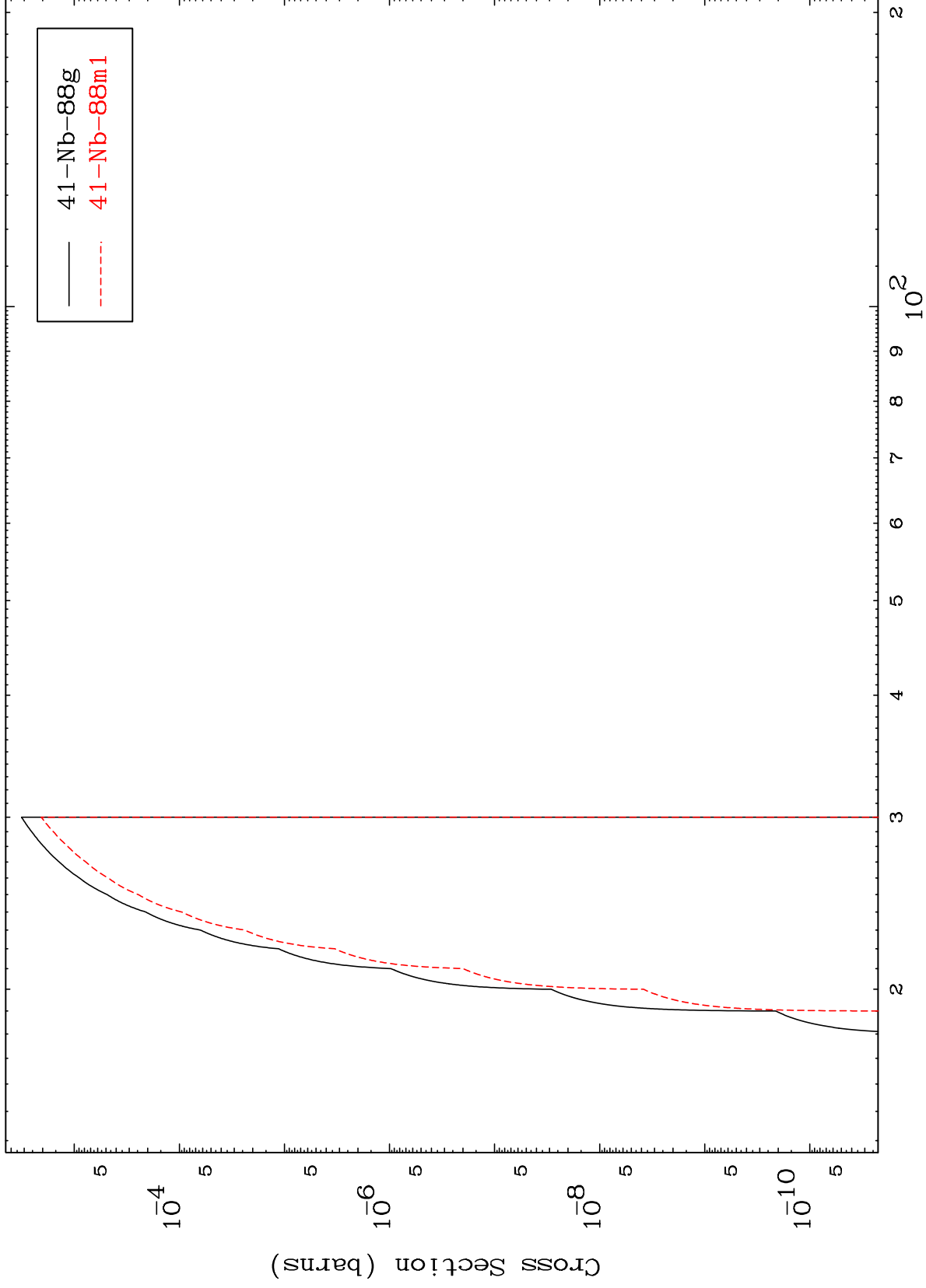


MAT 4301

(n,p) t

43-Tc-91

Radionuclide Production Cross Section



104

Incident Energy (MeV)

43-Tc-91