

Program EVALPLOT
(Version 2017-1)

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

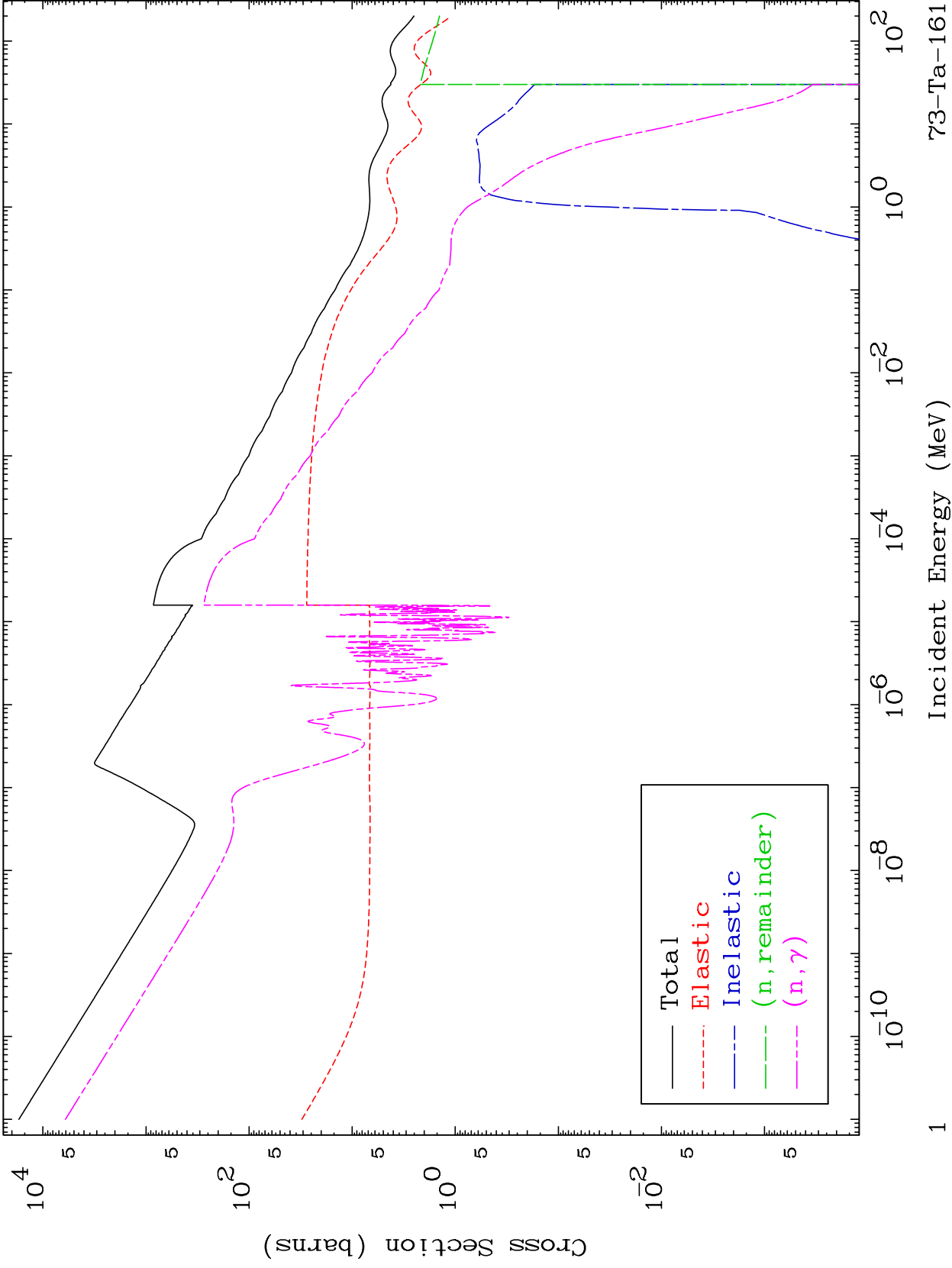
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7268

Major
293 Kelvin Cross Sections

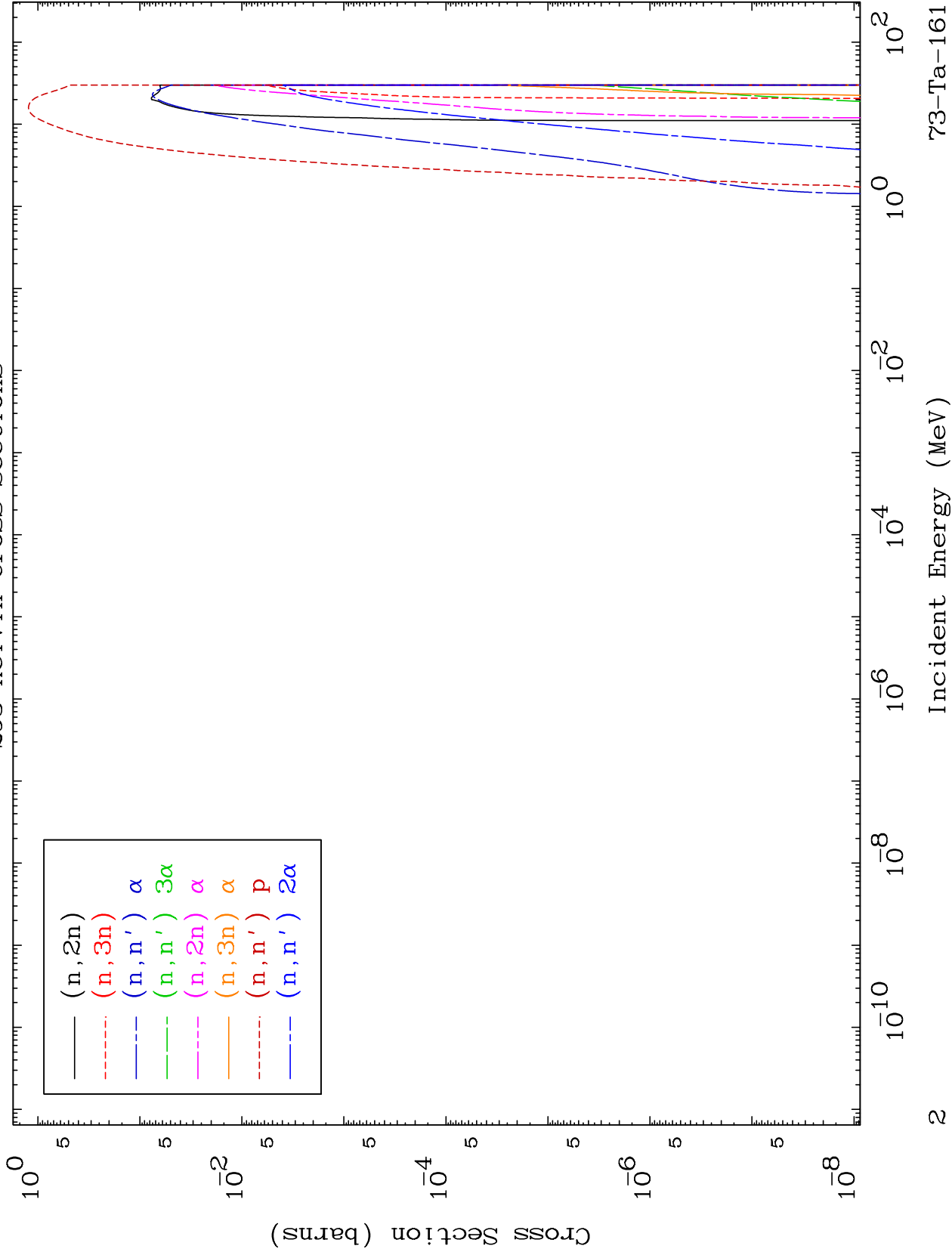
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

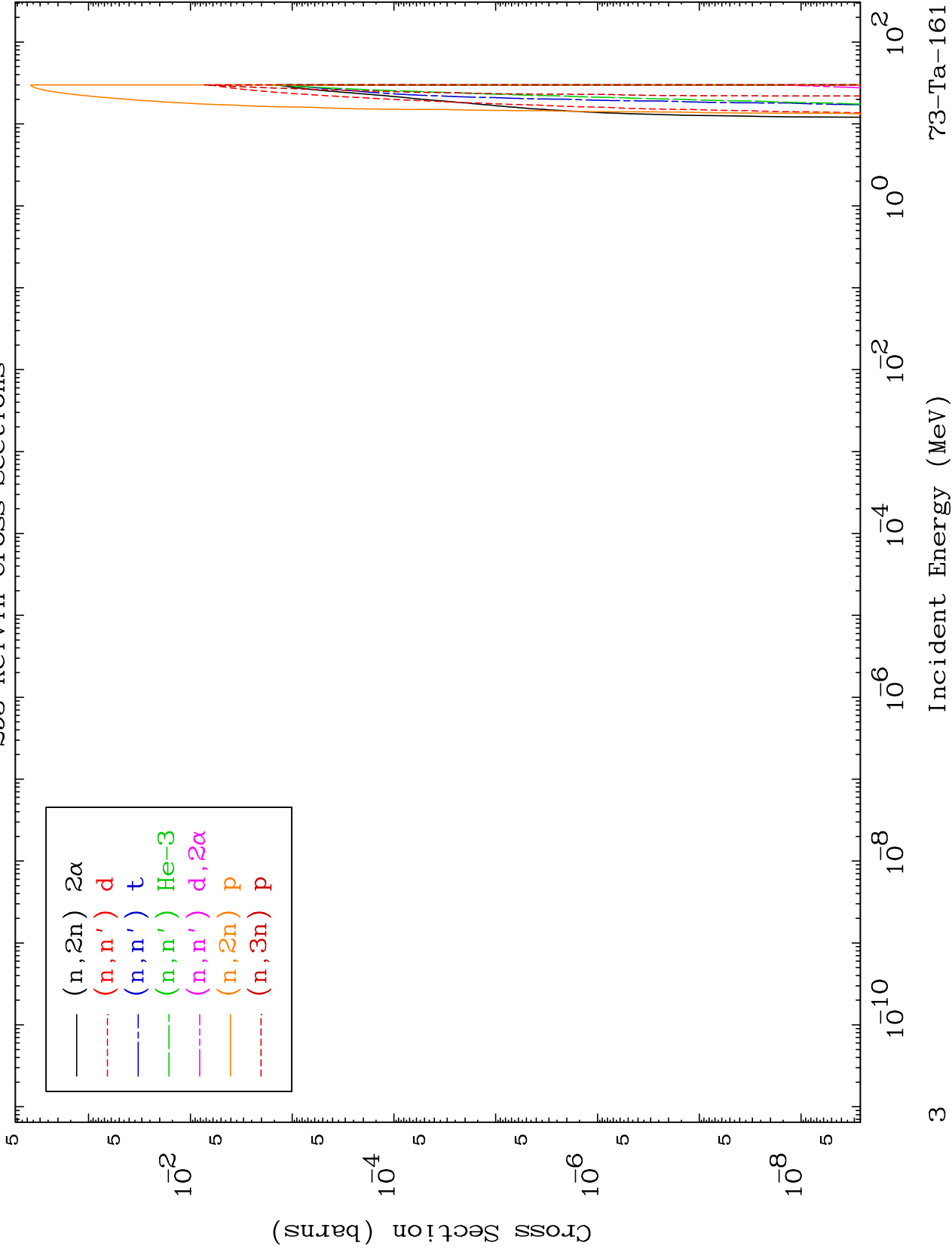
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

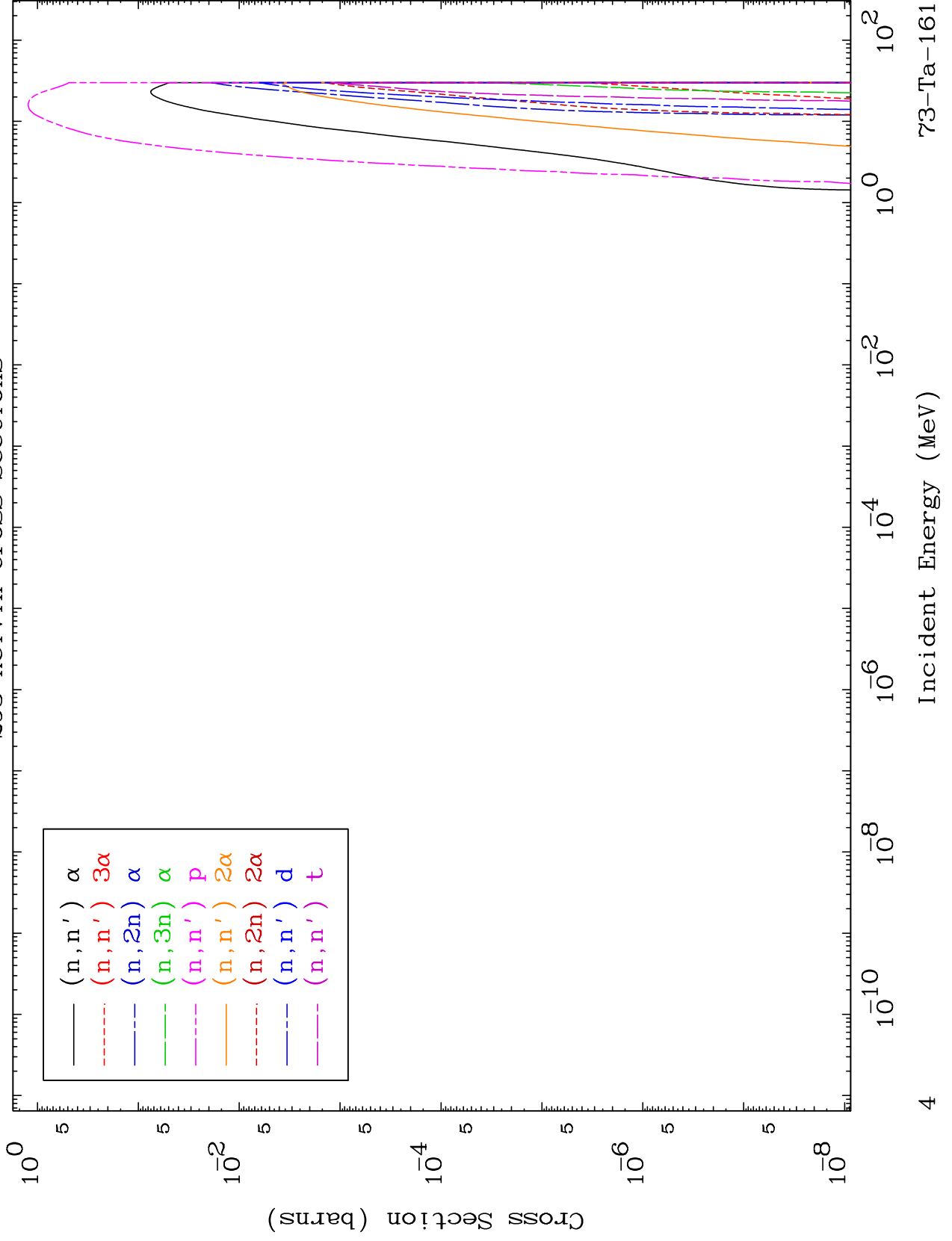
73-Ta-161



MAT 7268

Charged Particle
293 Kelvin Cross Sections

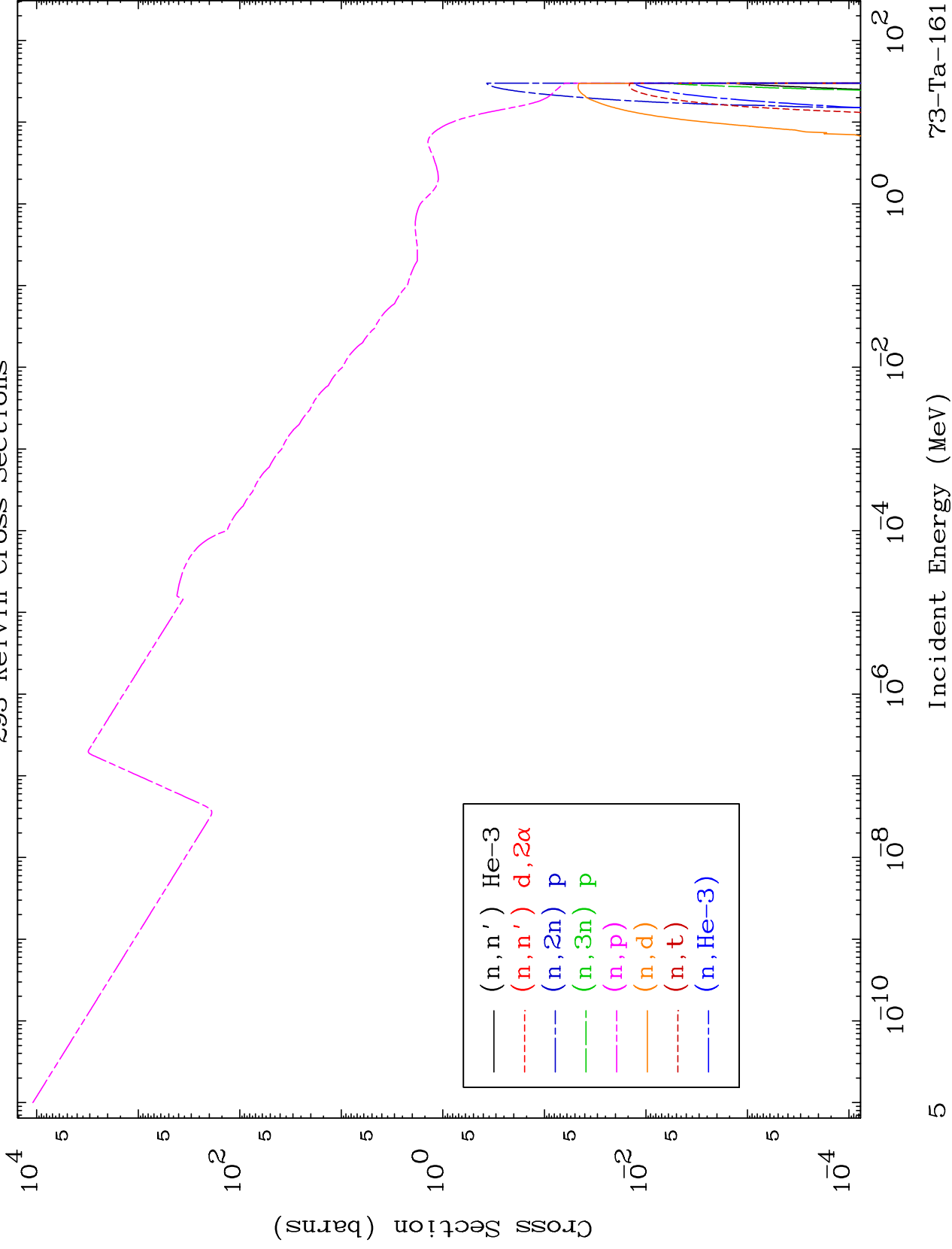
73-Ta-161

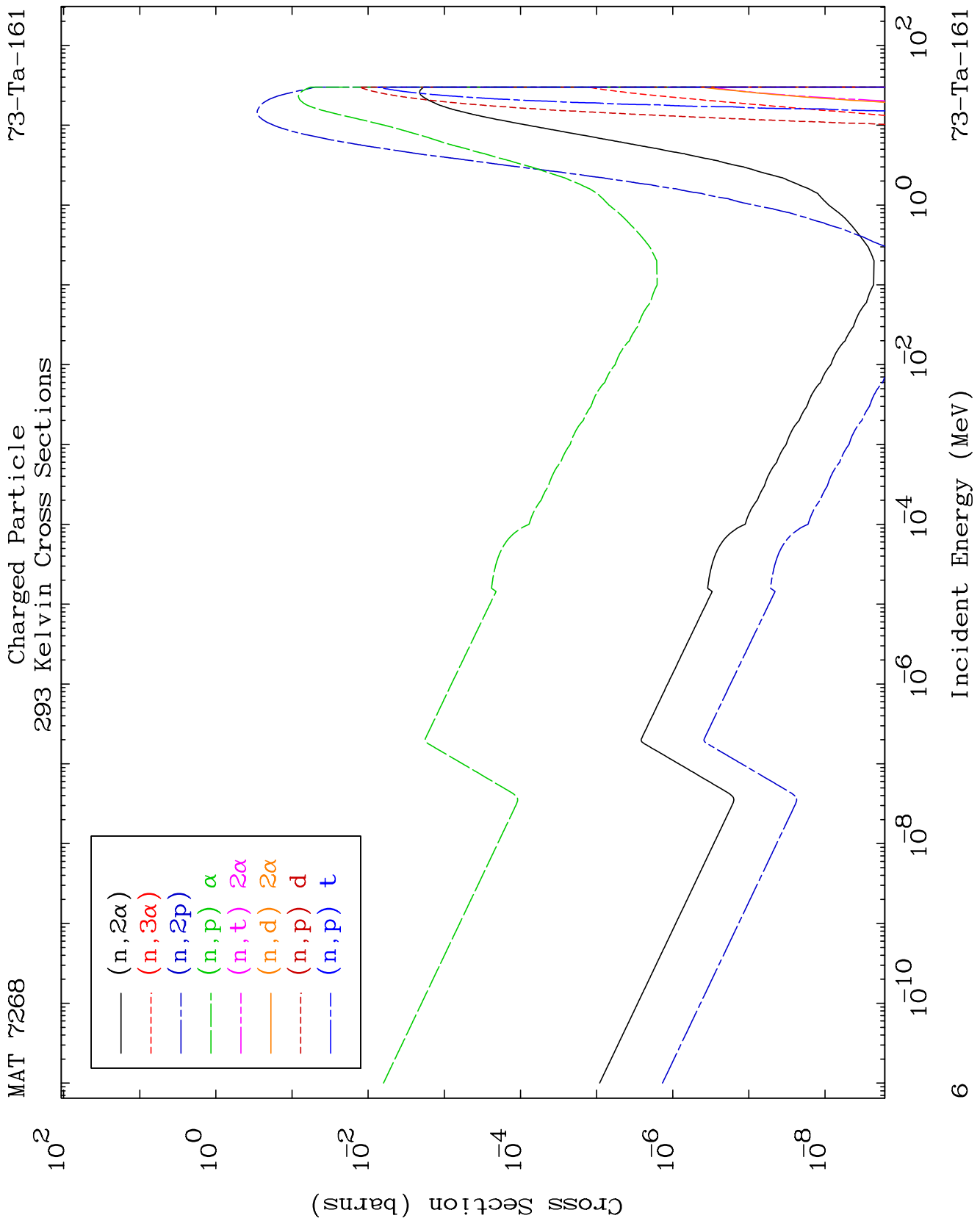


MAT 7268

Charged Particle
293 Kelvin Cross Sections

73-Ta-161

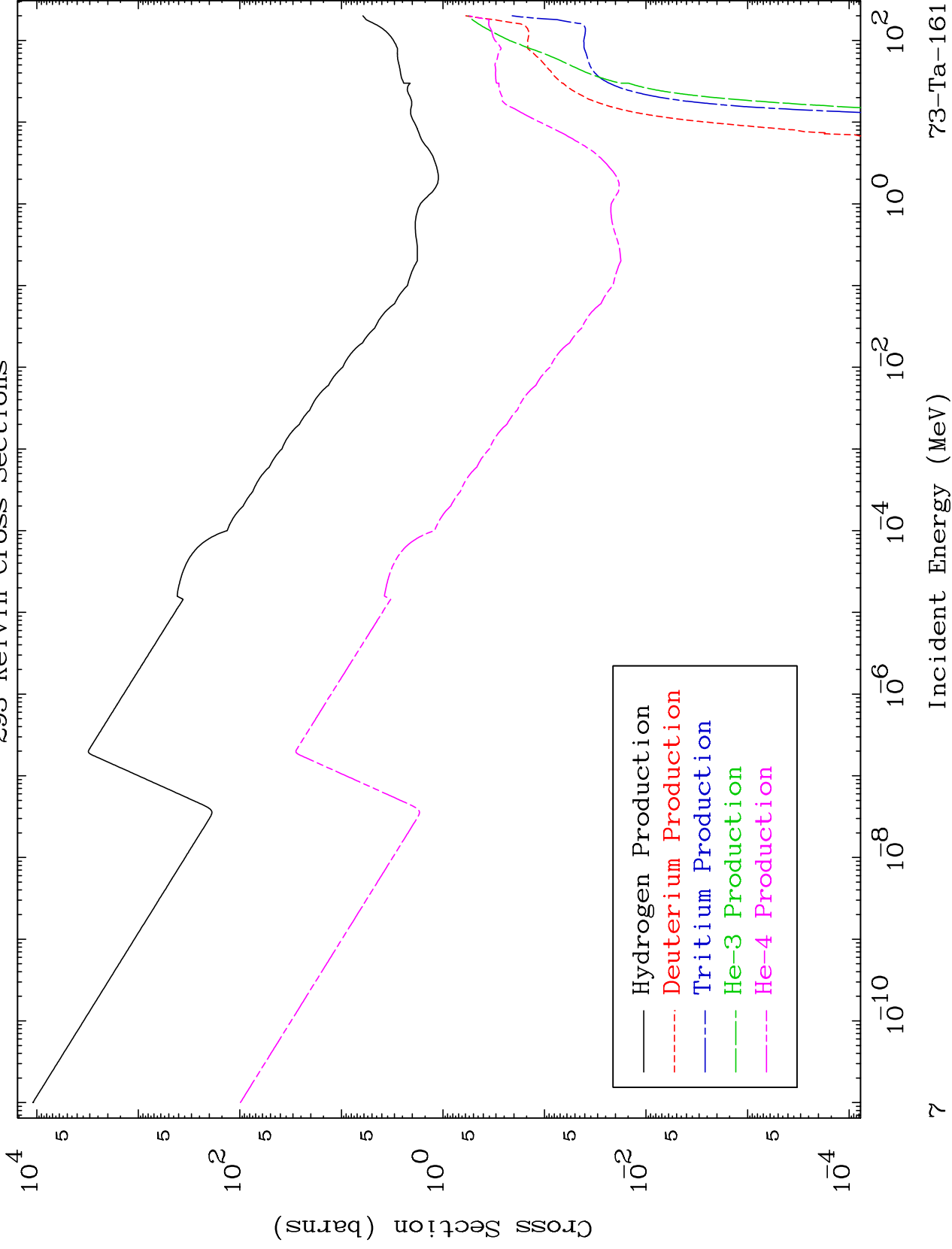




MAT 7268

Particle Production
293 Kelvin Cross Sections

73-Ta-161

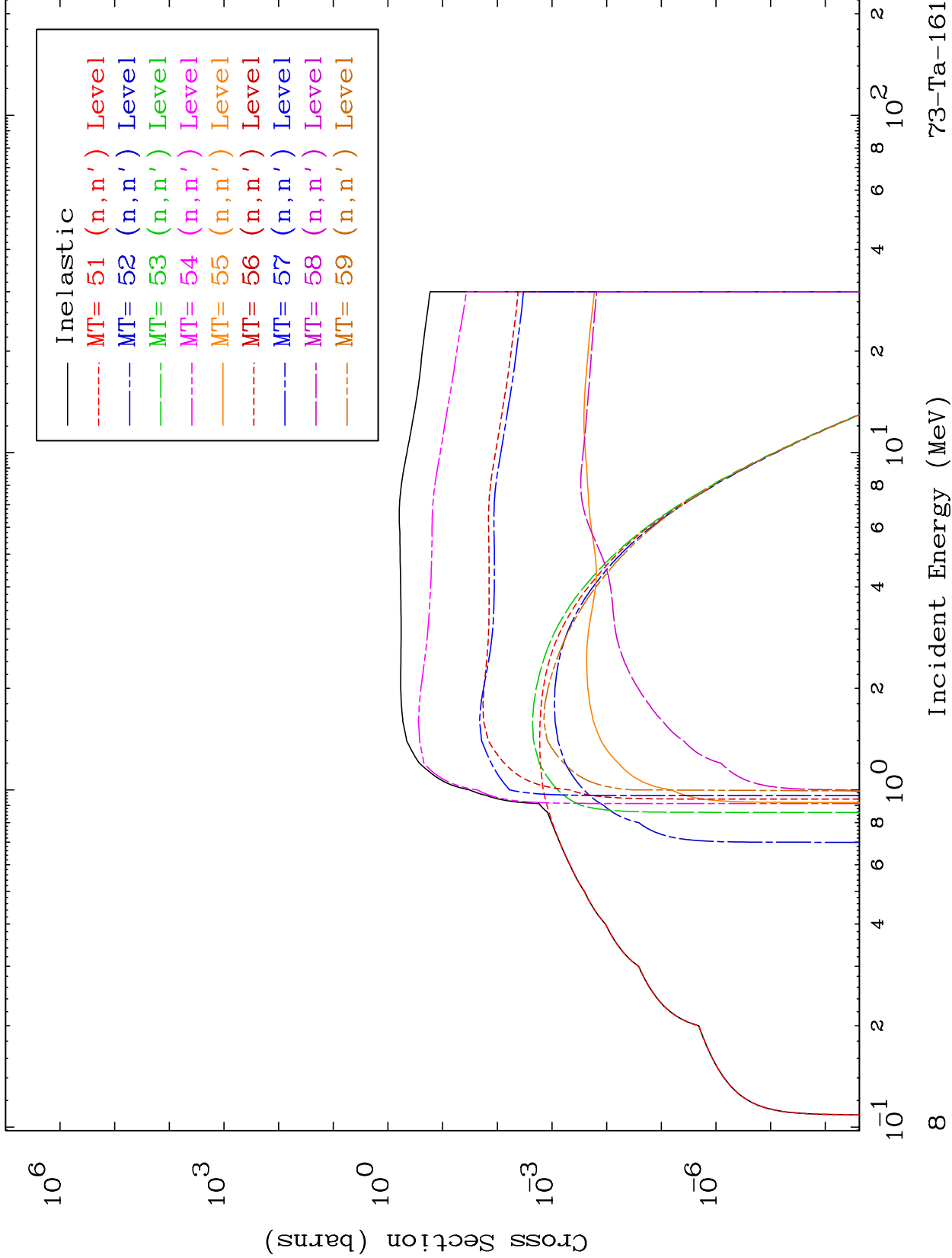


MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



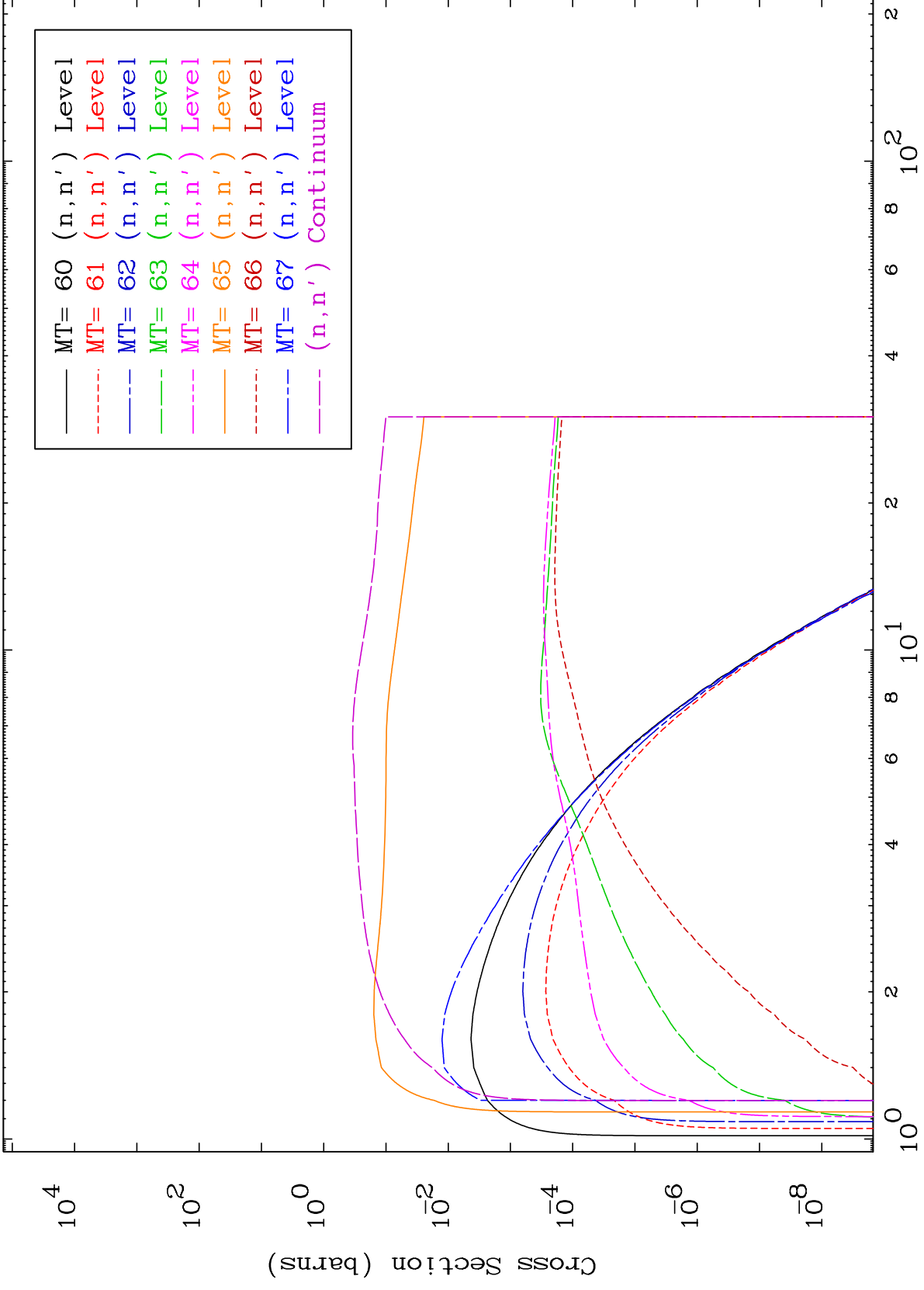
8

MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



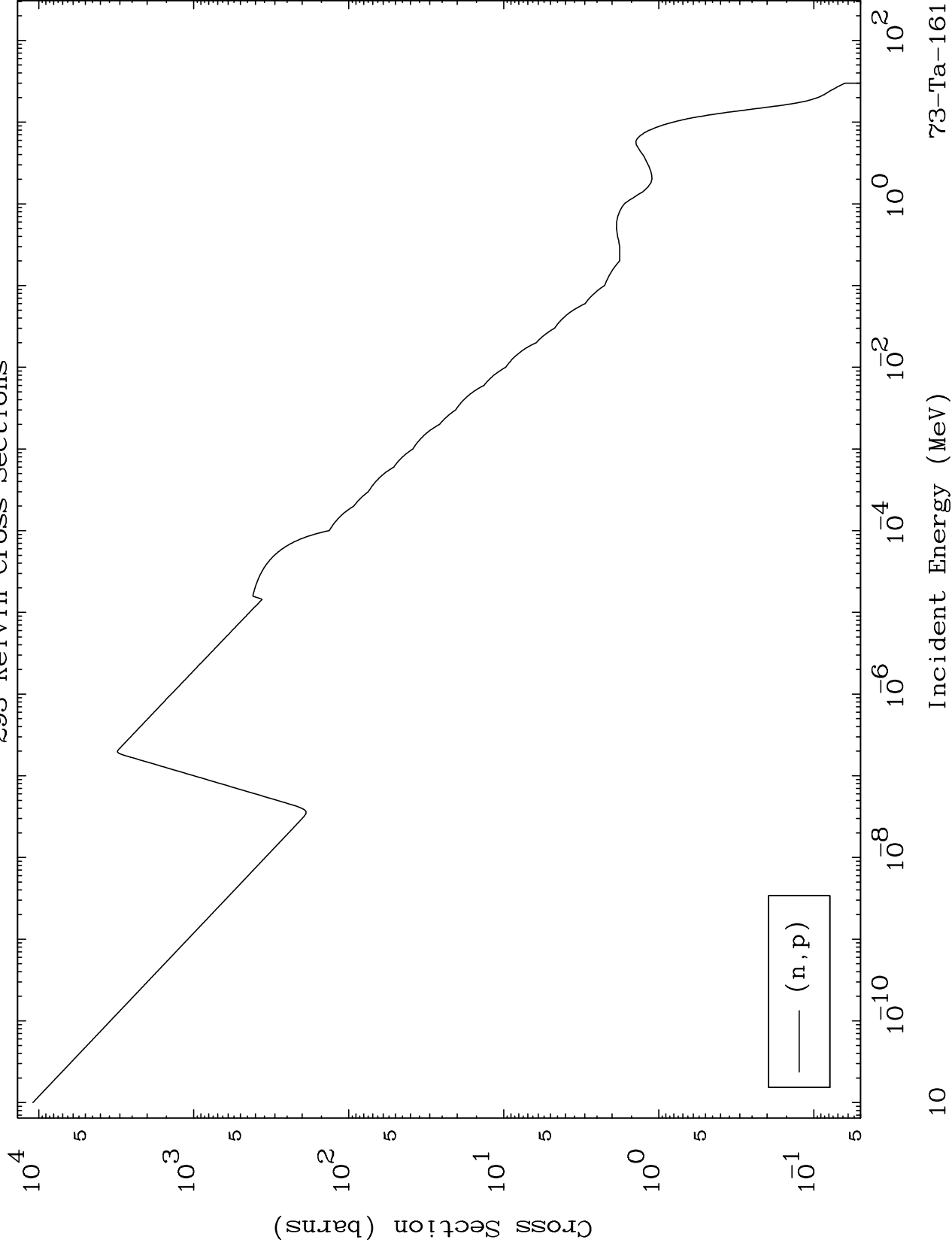
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-161



10

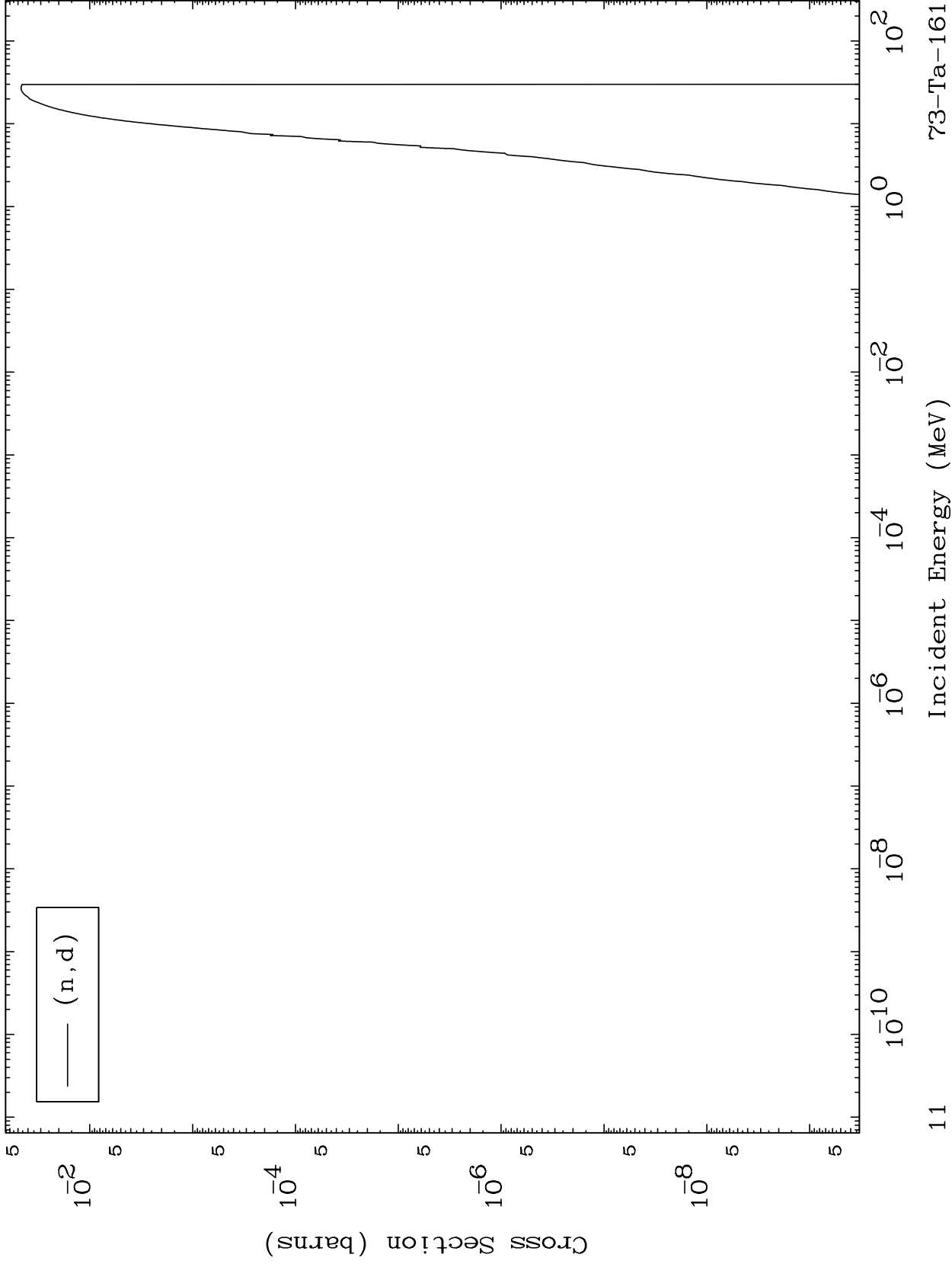
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,d) Levels
293 Kelvin Cross Sections

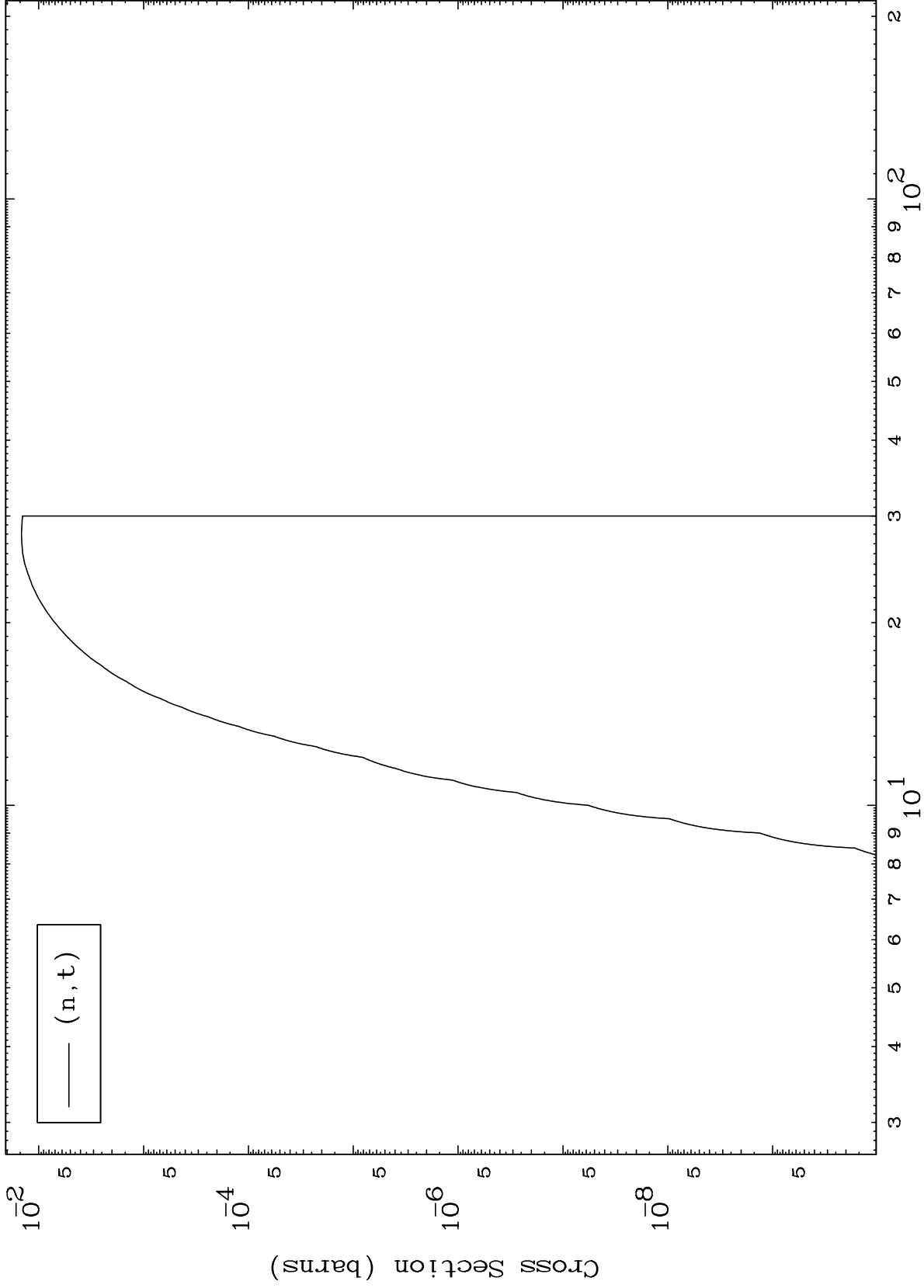
73-Ta-161



MAT 7268

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-161



12

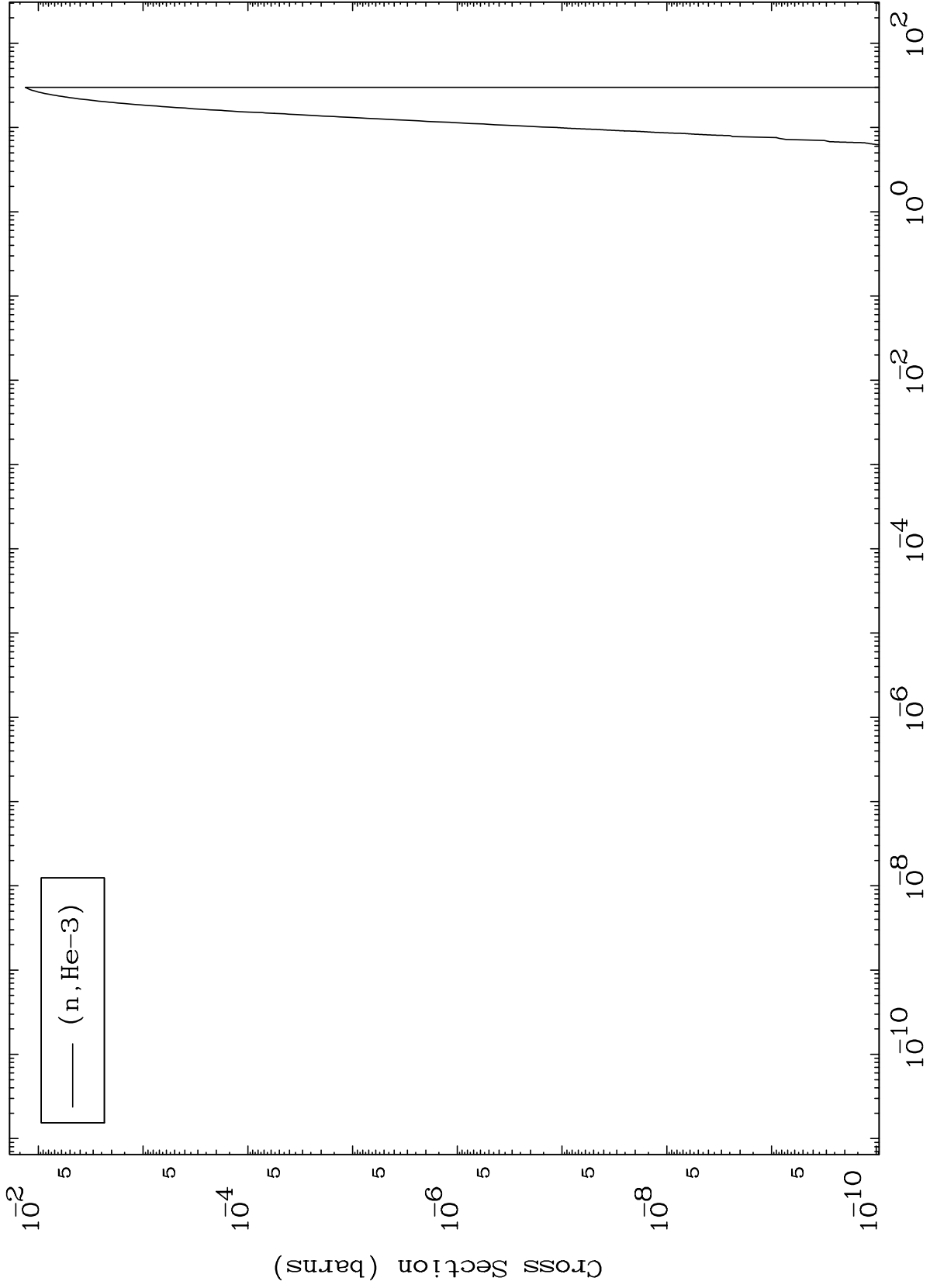
Incident Energy (MeV)

73-Ta-161

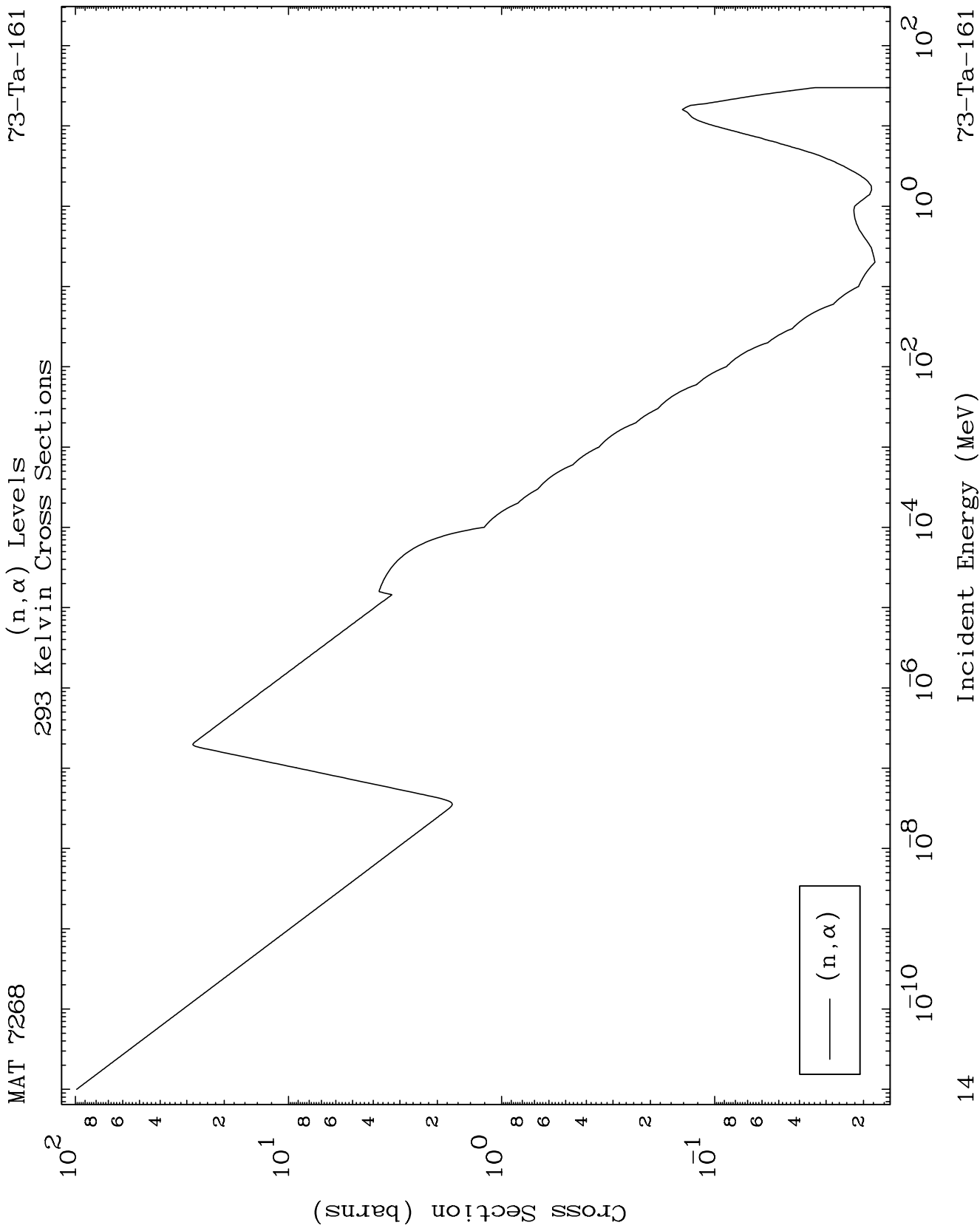
MAT 7268

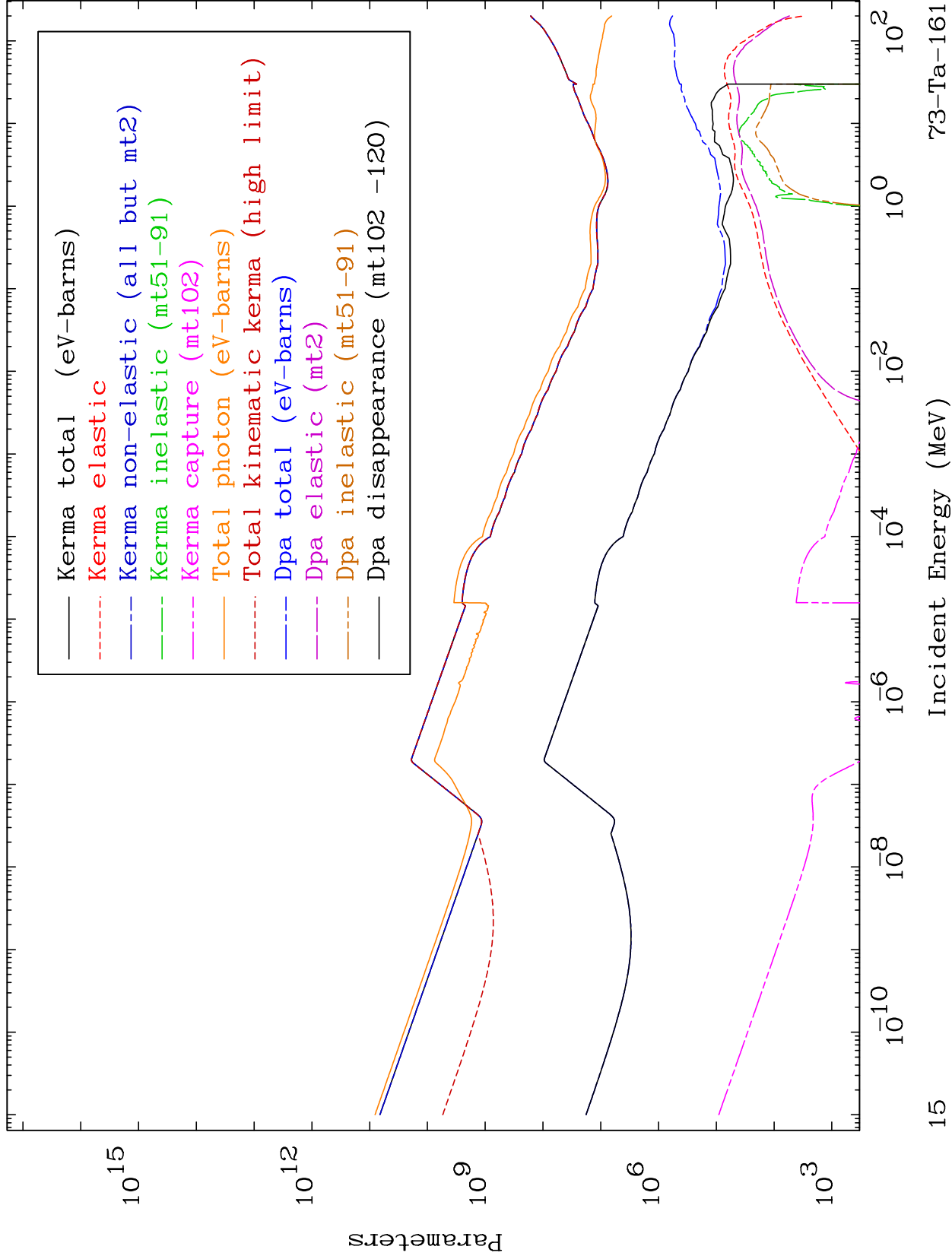
(n,He3) Levels
293 Kelvin Cross Sections

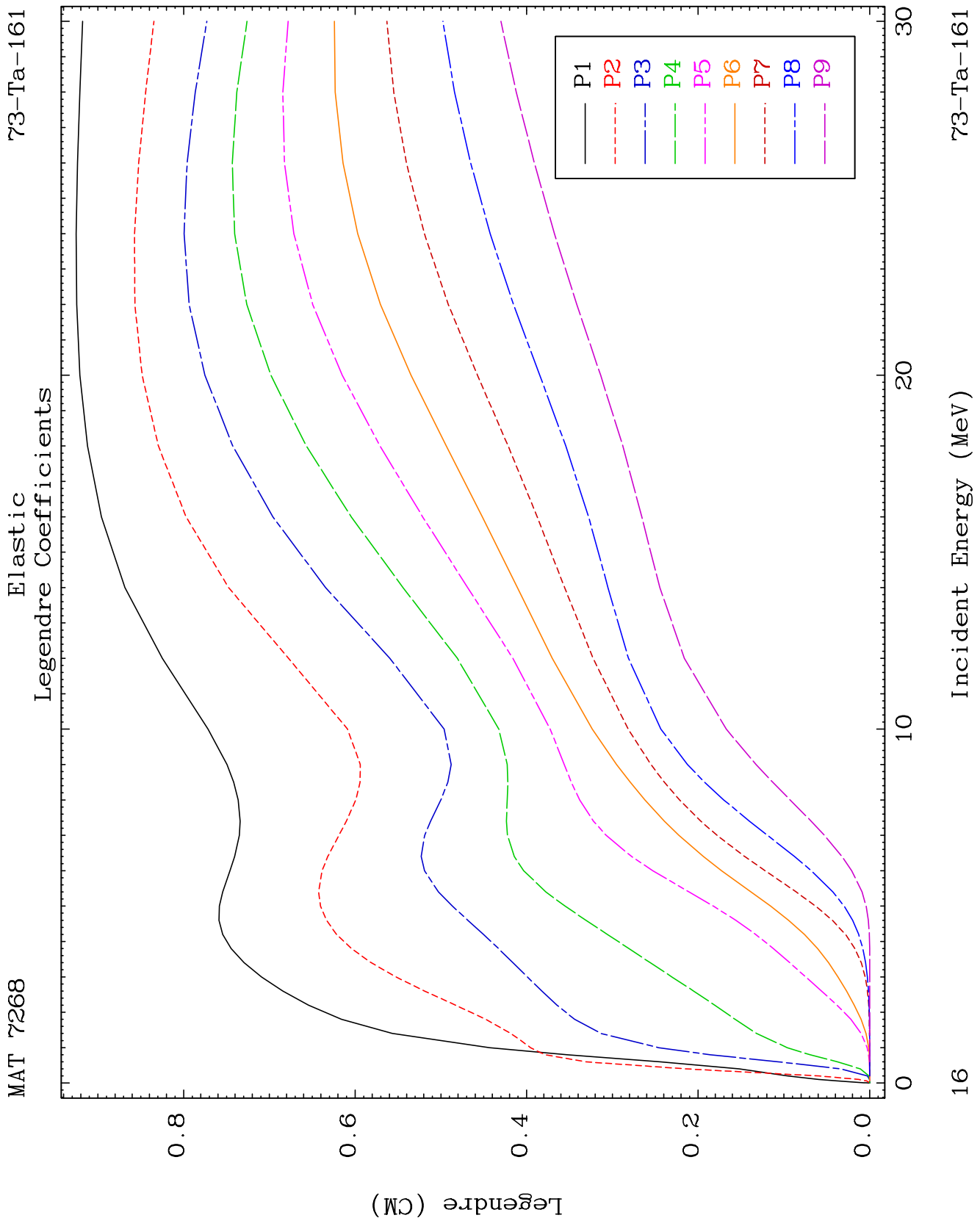
73-Ta-161

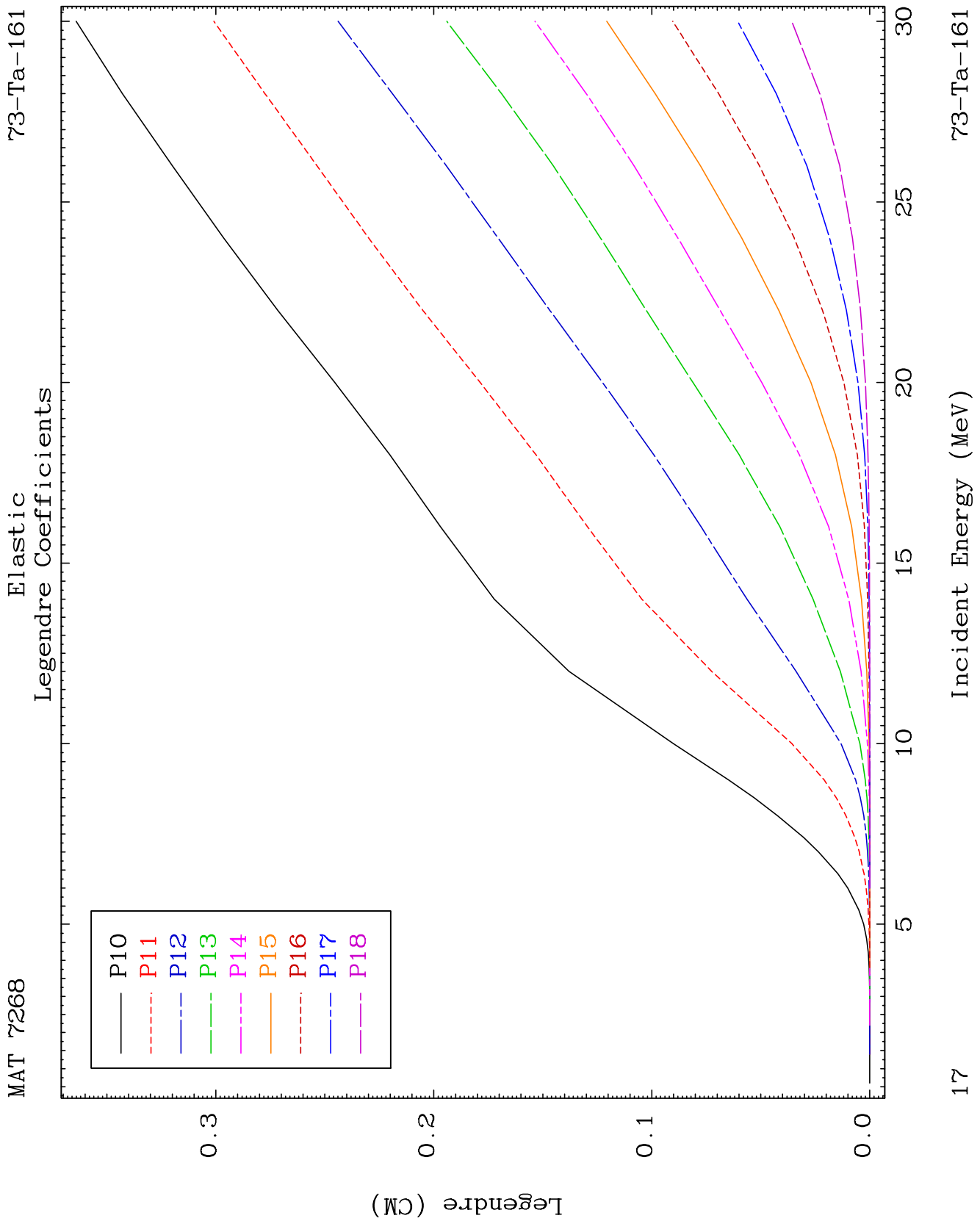


(n, He-3)





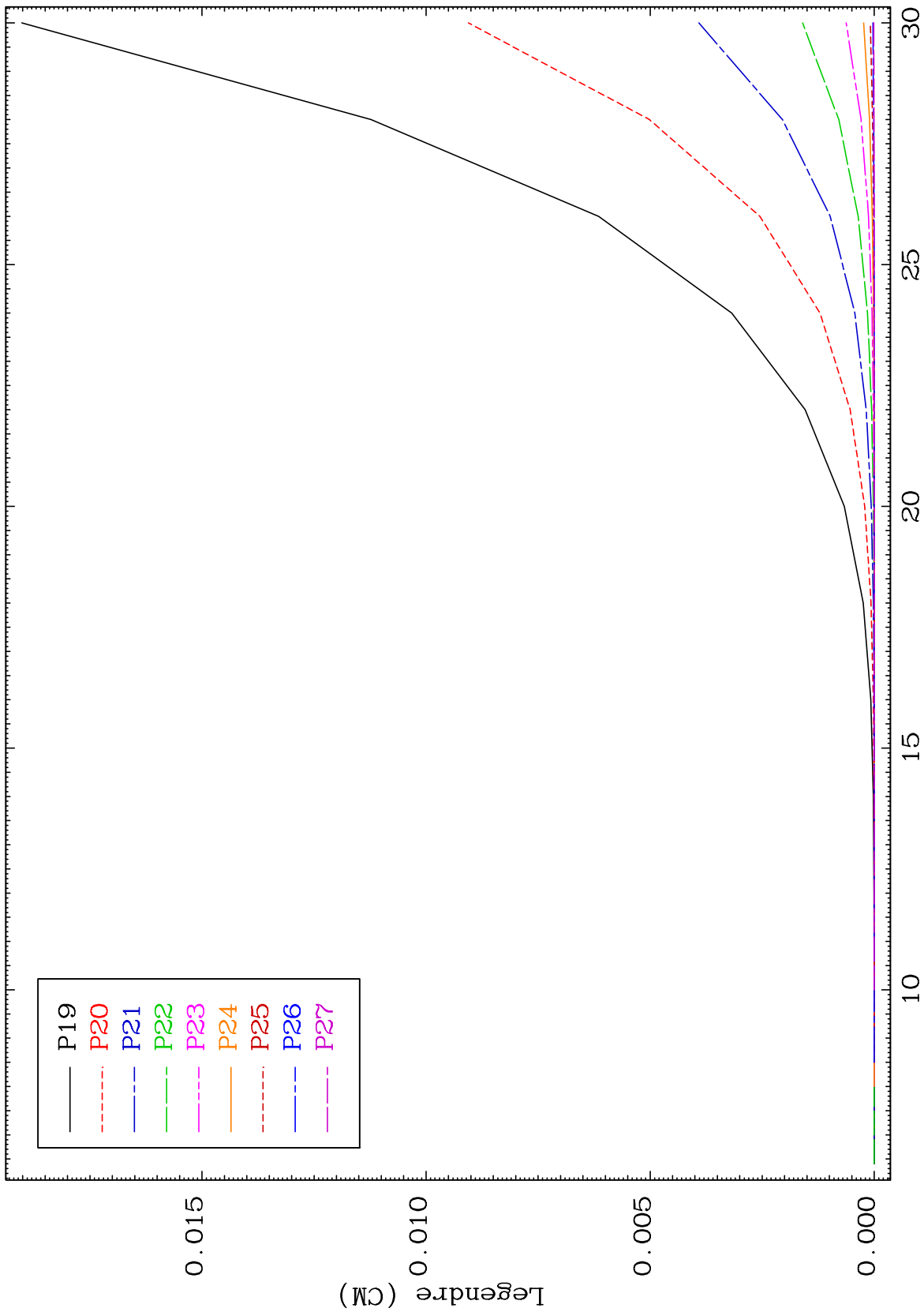




MAT 7268

Elastic Legendre Coefficients

73-Ta-161



18

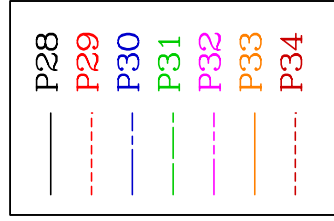
Incident Energy (MeV)

73-Ta-161

MAT 7268

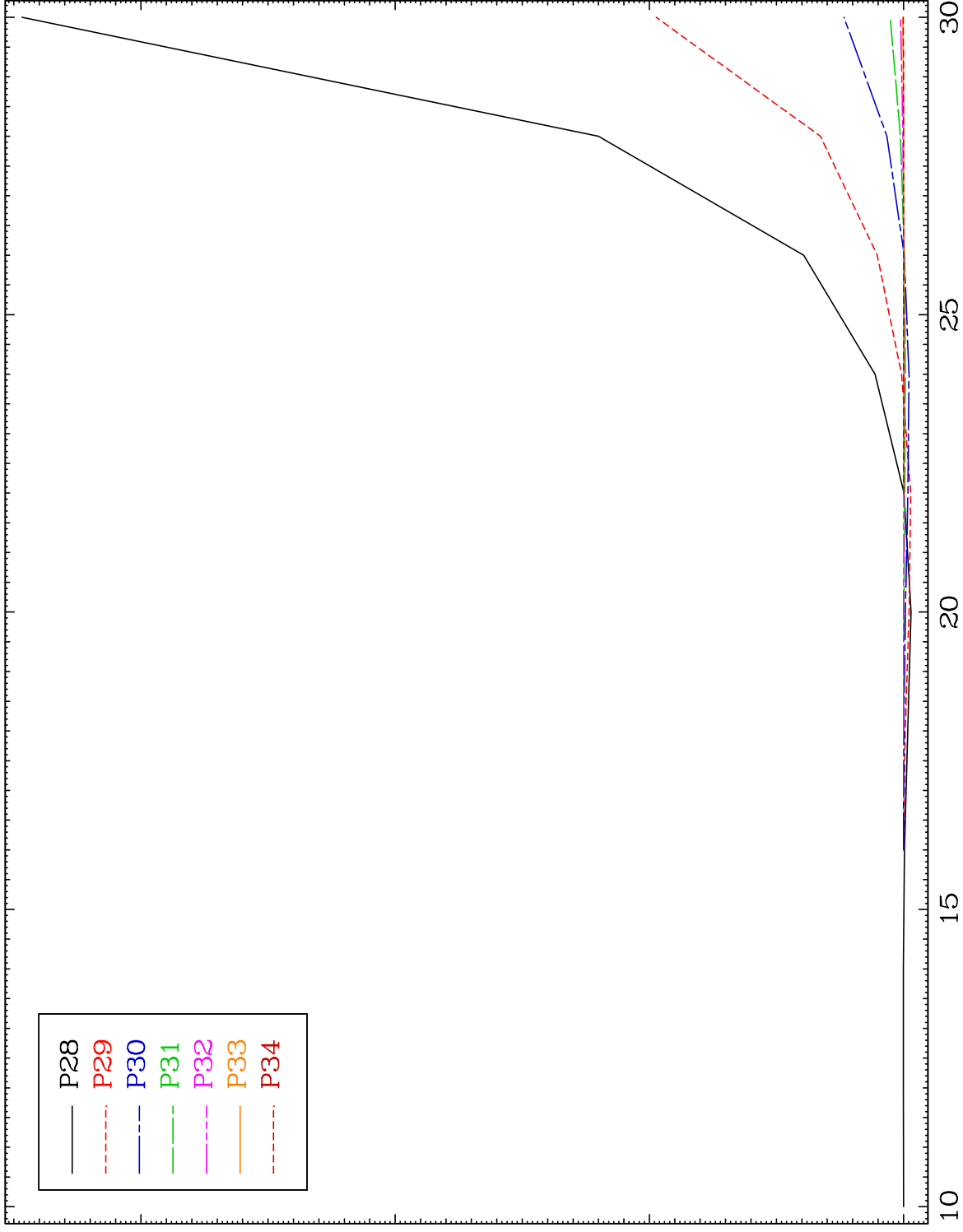
Elastic
Legendre Coefficients

⁷³Ta-161



$\times 10^{-6}$

Legendre (CM)



10

15

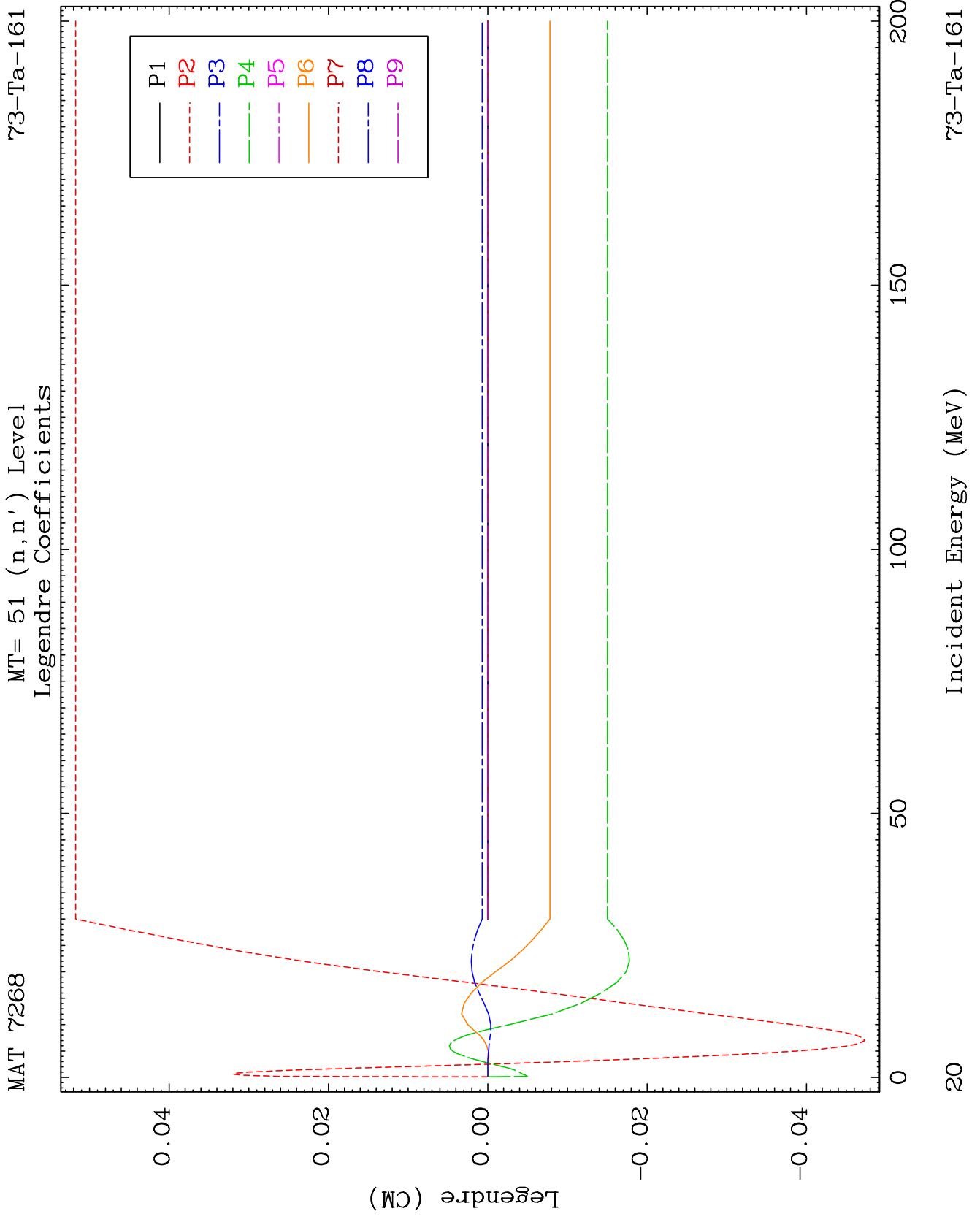
20

25

30

Incident Energy (MeV)

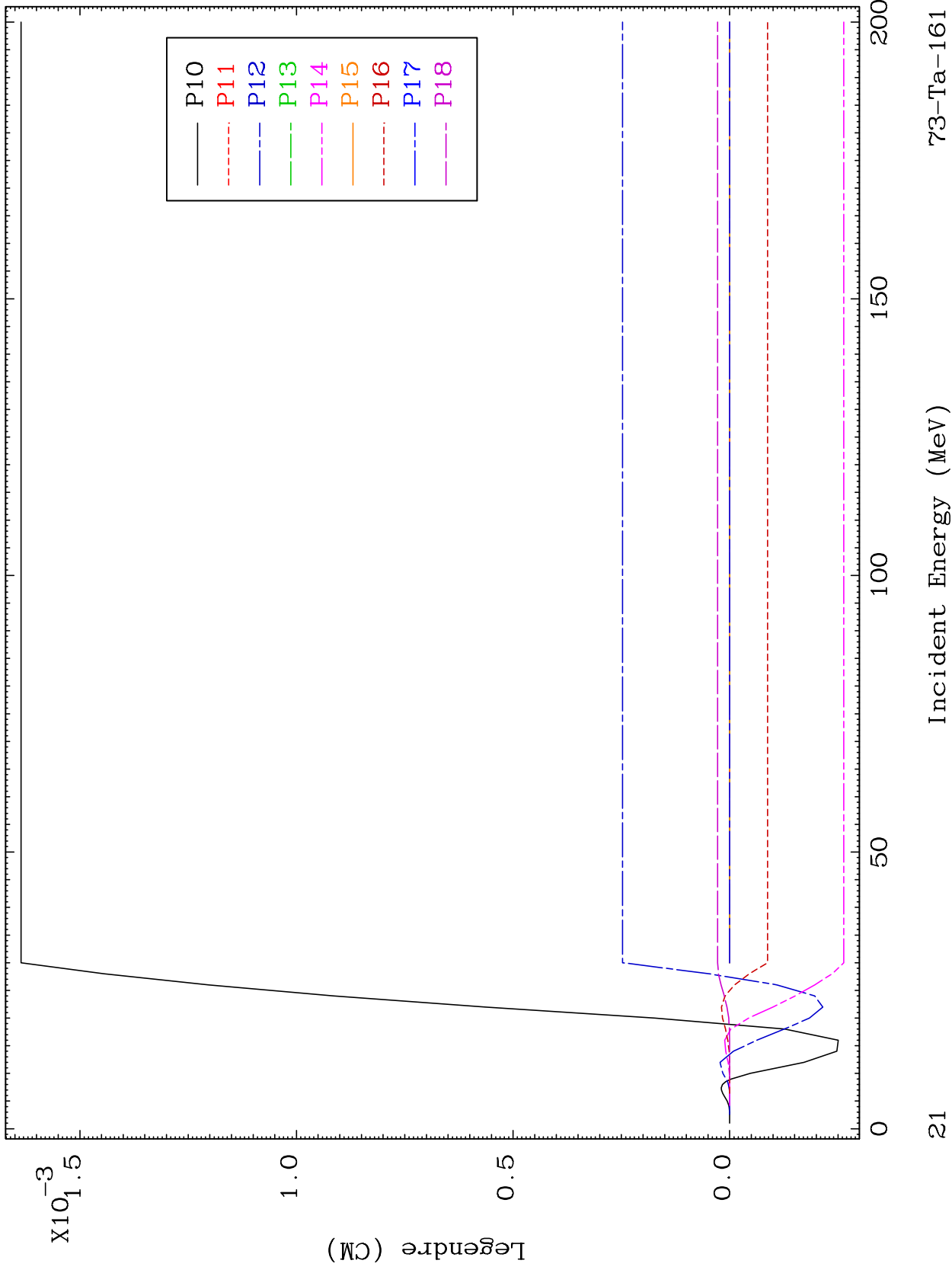
⁷³Ta-161



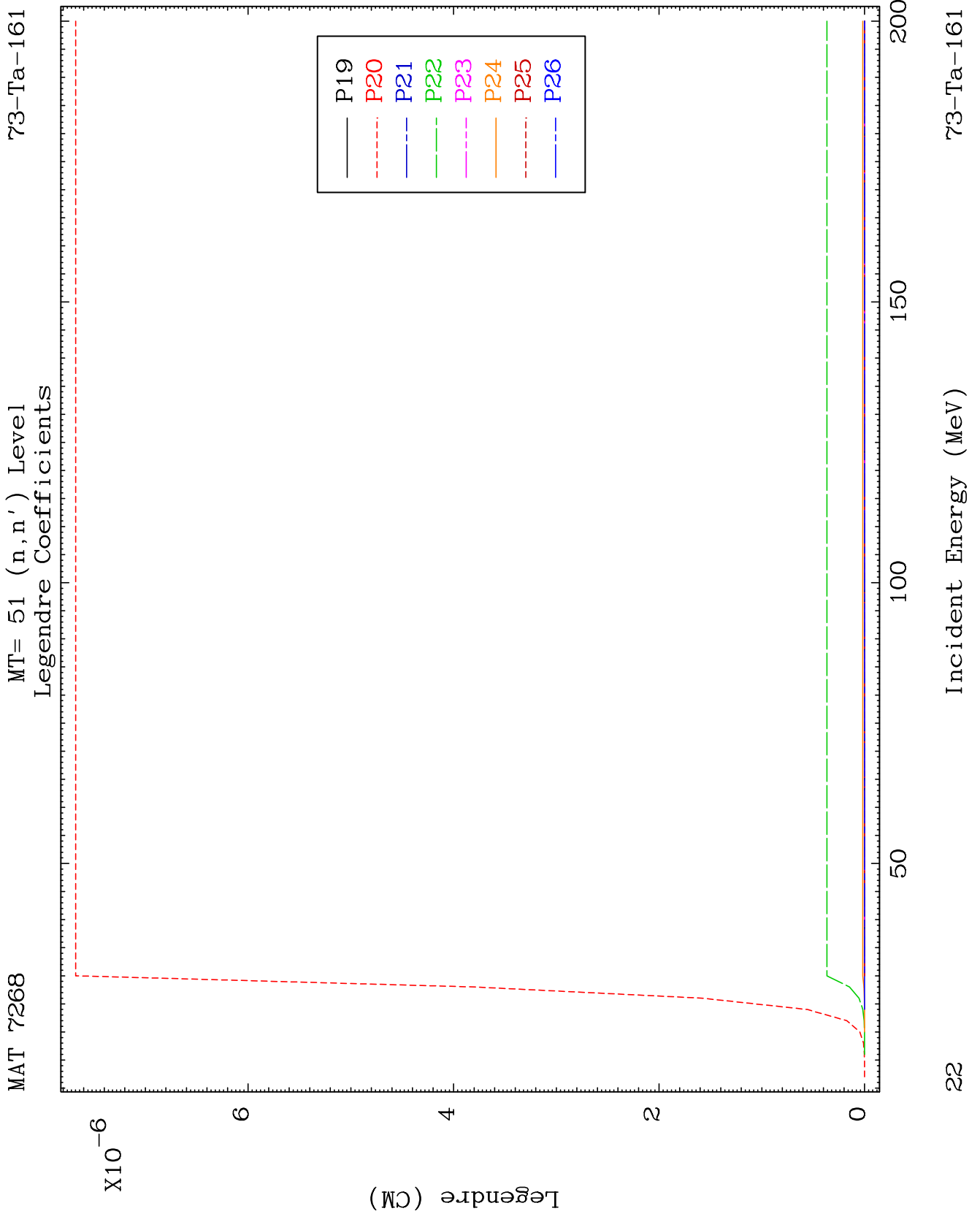
MAT 7268

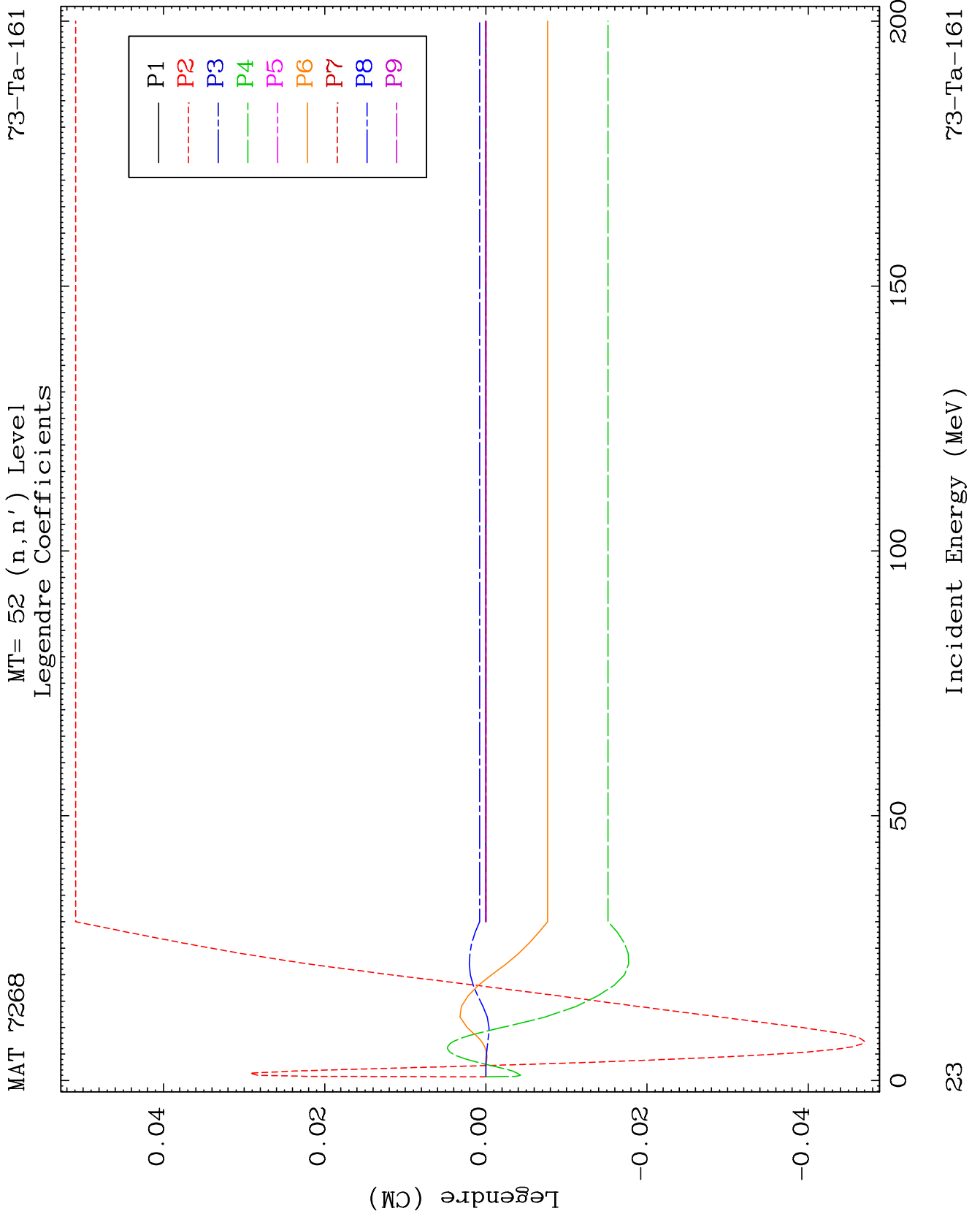
MT= 51 (n,n') Level
Legendre Coefficients

73-Ta-161



21

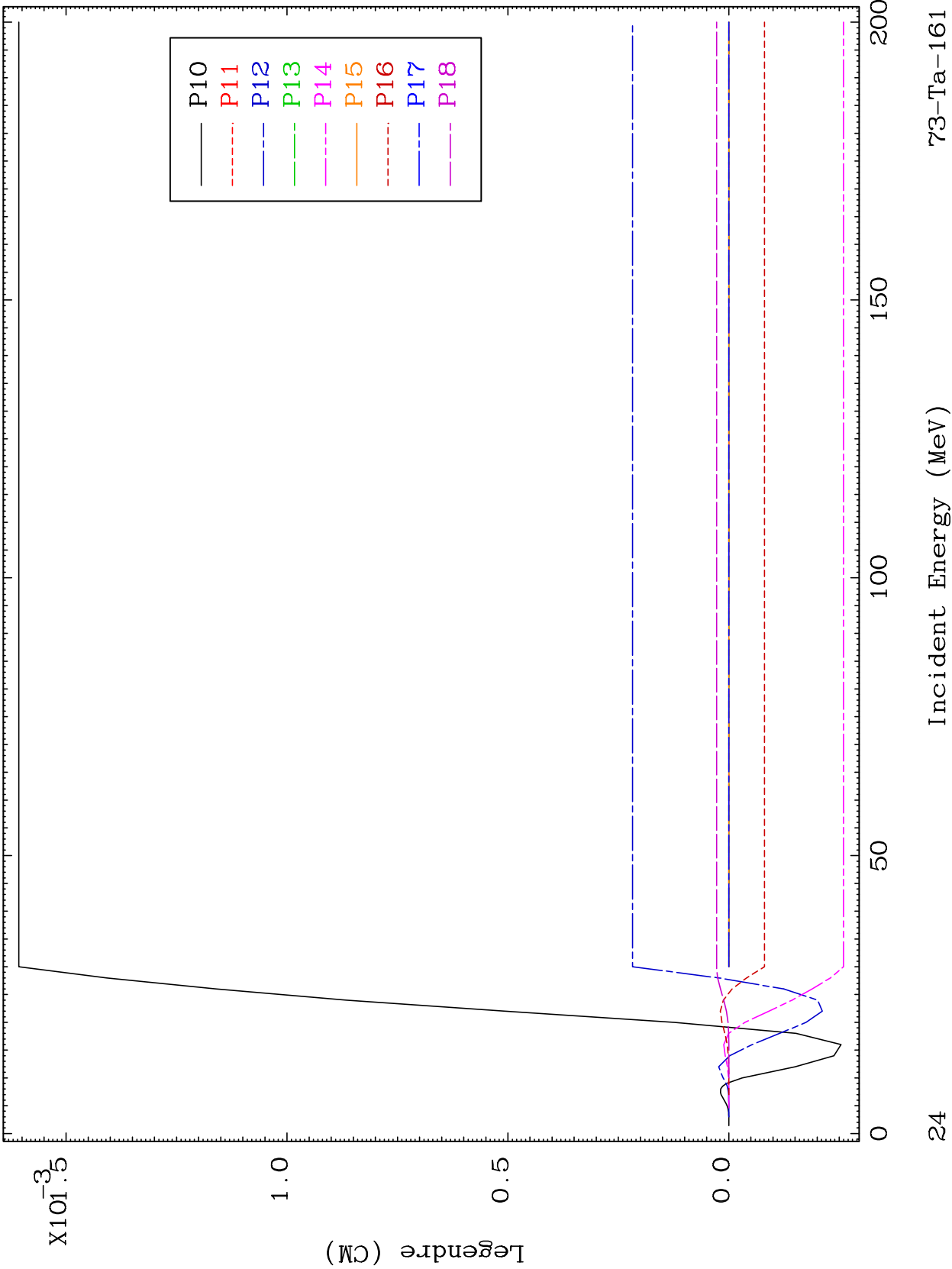




MAT 7268

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

73-Ta-161



24

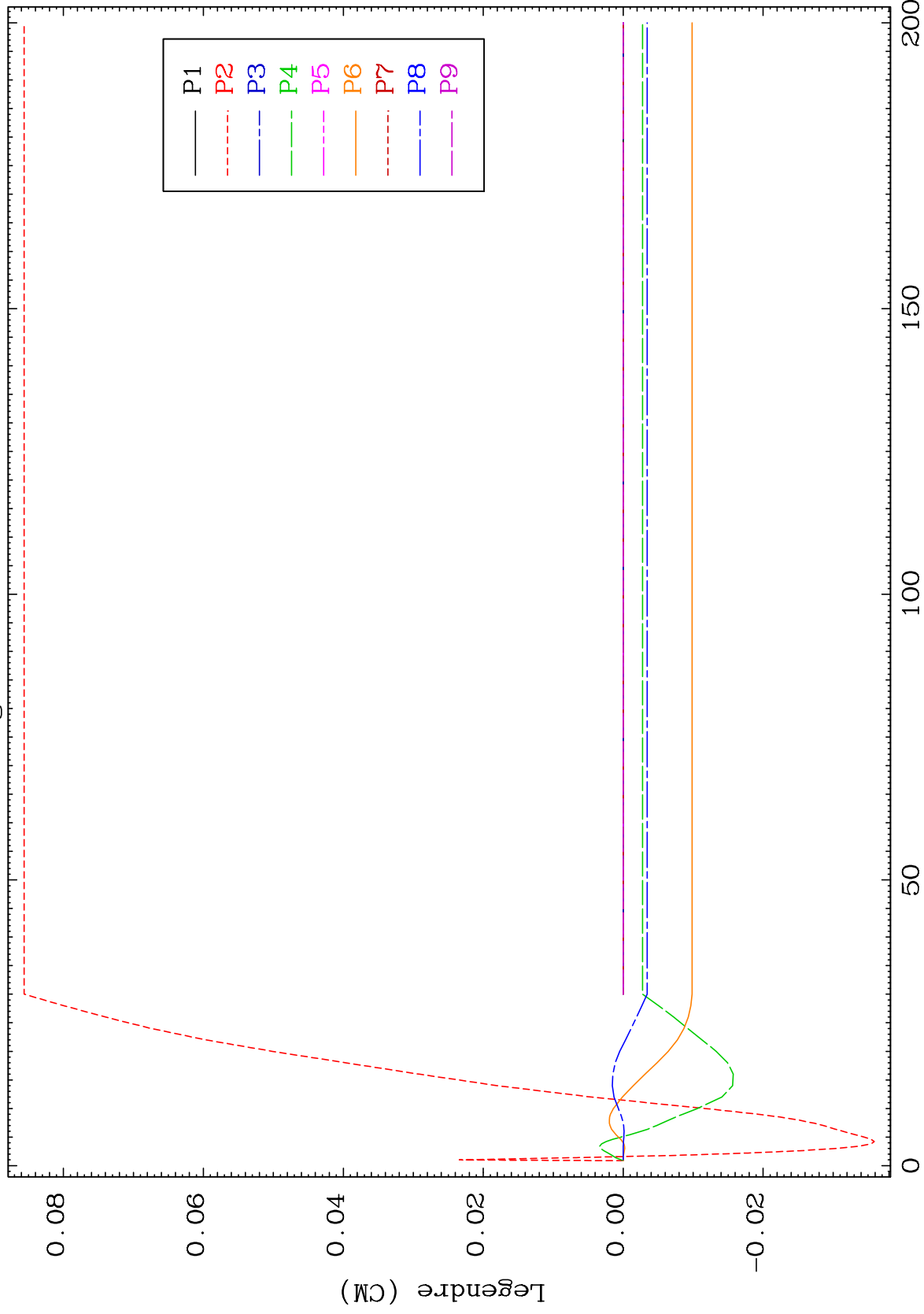
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



26

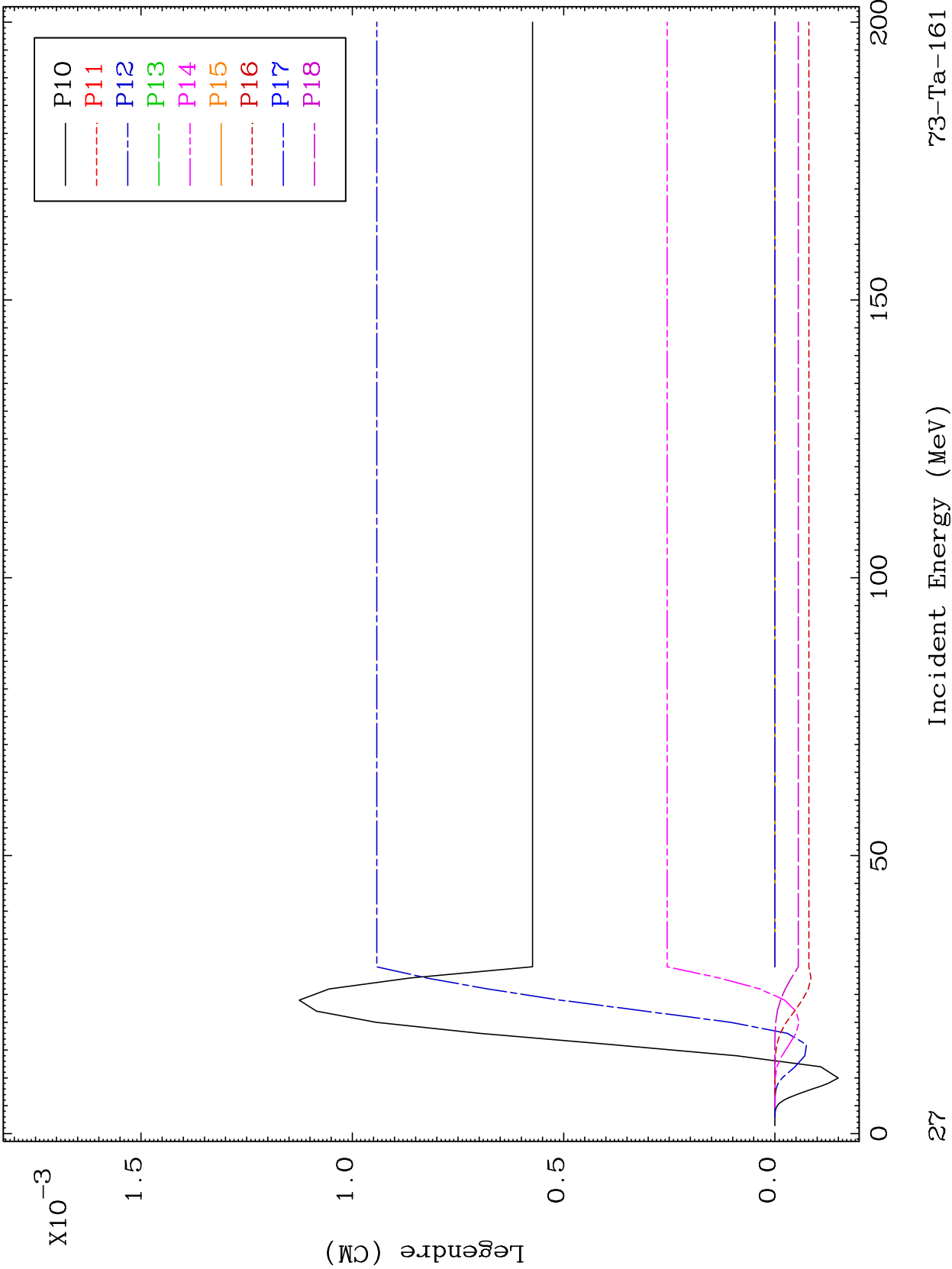
Incident Energy (MeV)

73-Ta-161

MAT 7268

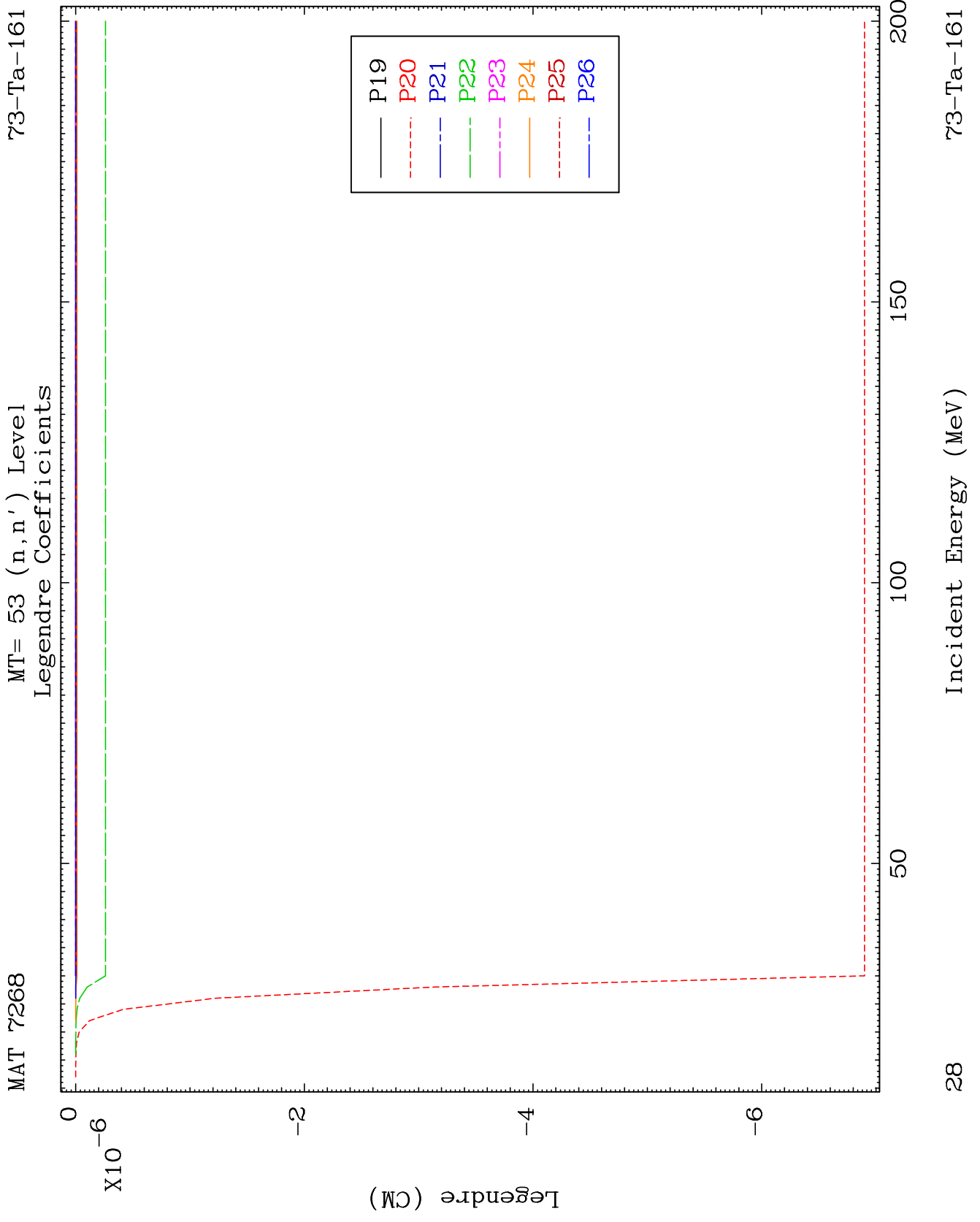
MT= 53 (n,n') Level
Legendre Coefficients

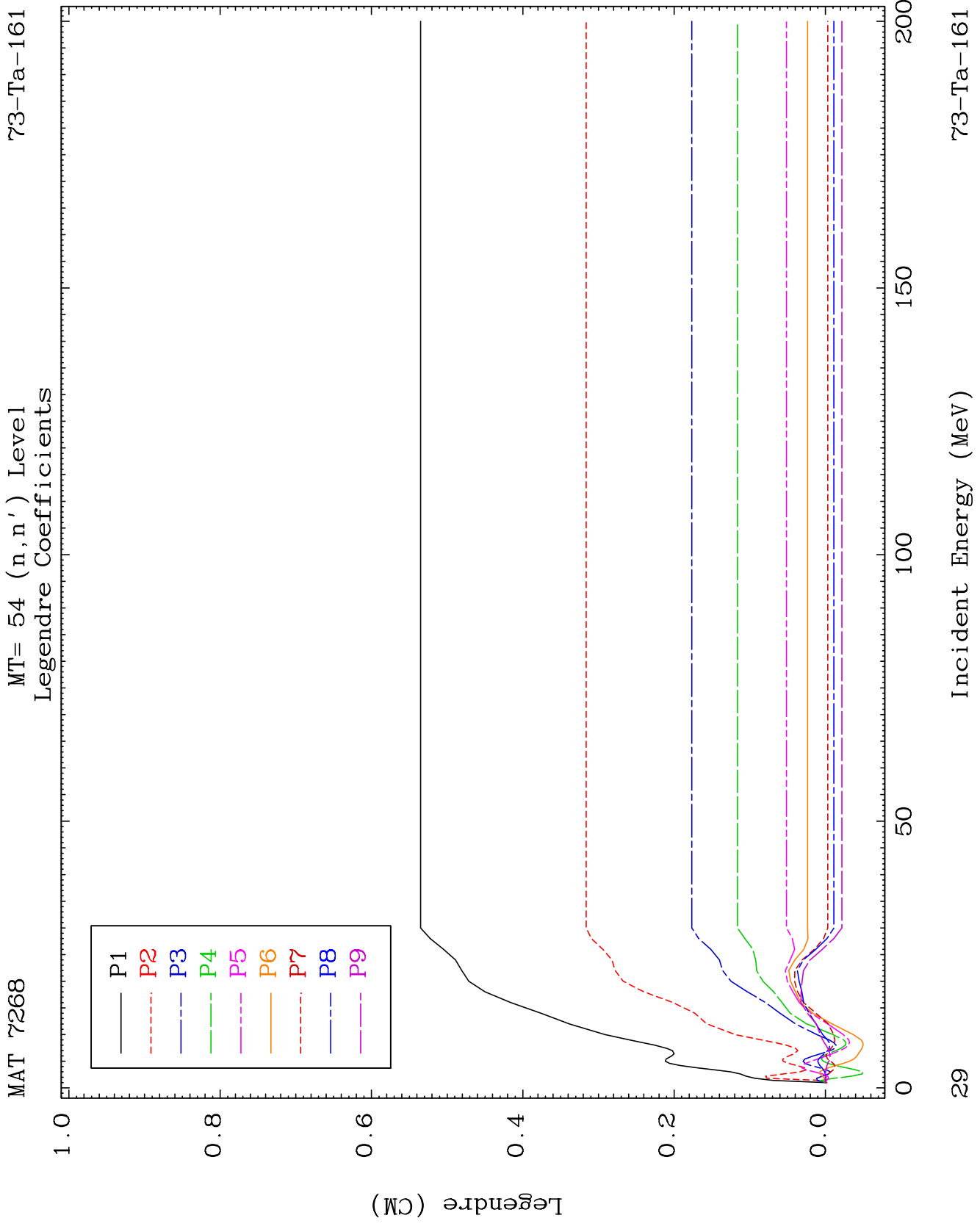
73-Ta-161



27

73-Ta-161

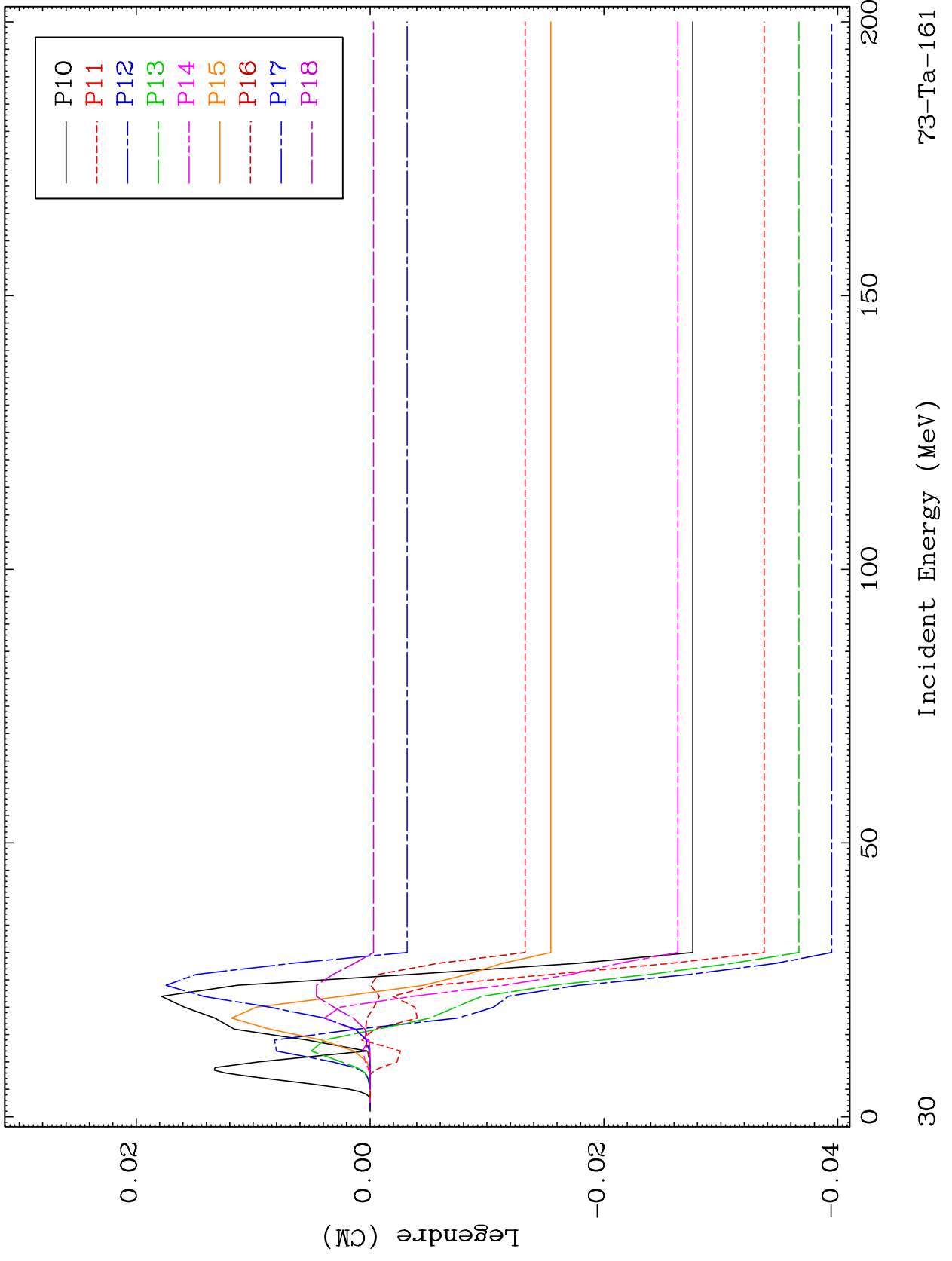




MAT 7268

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

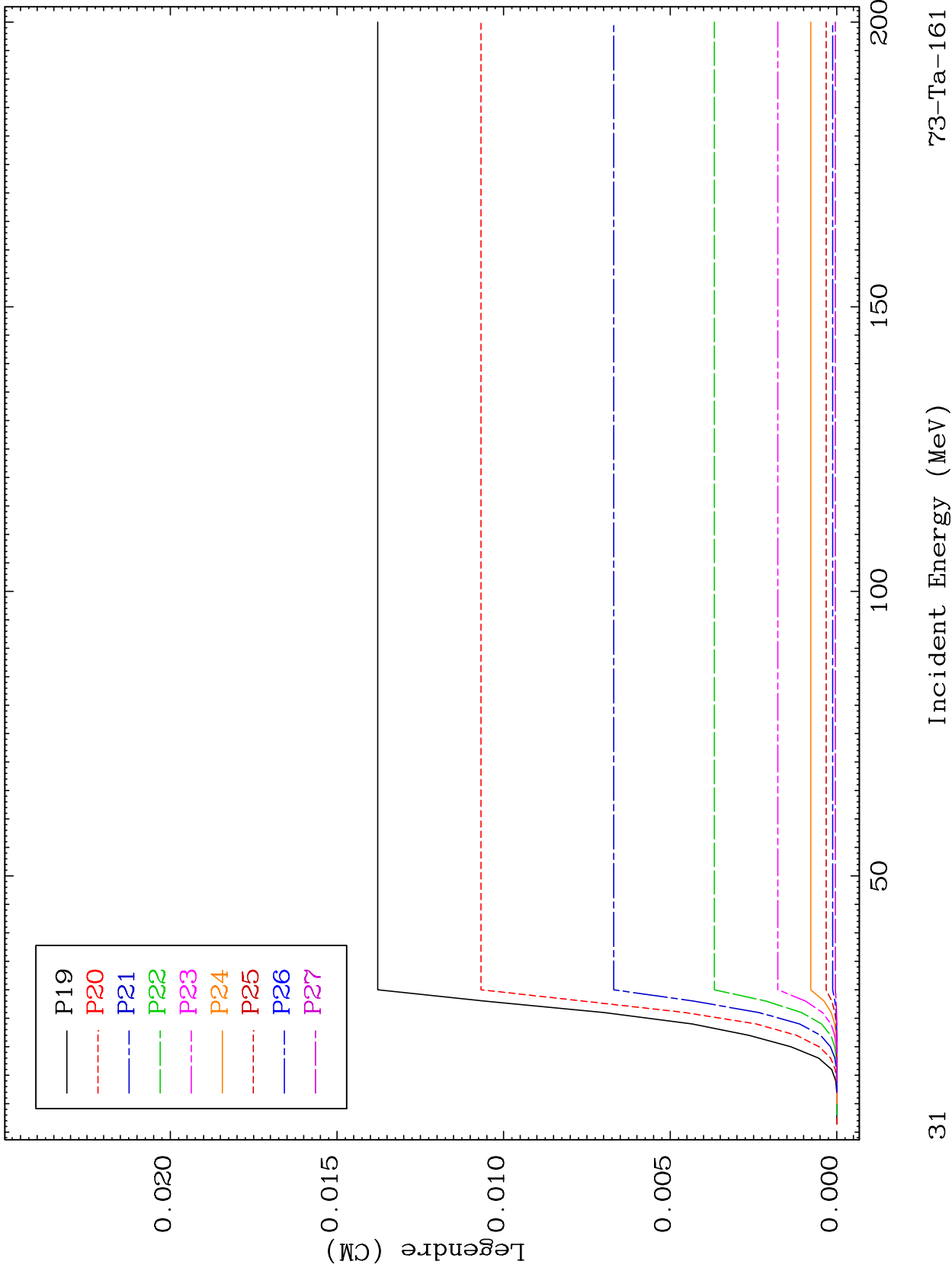
73-Ta-161



73-Ta-161

Incident Energy (MeV)

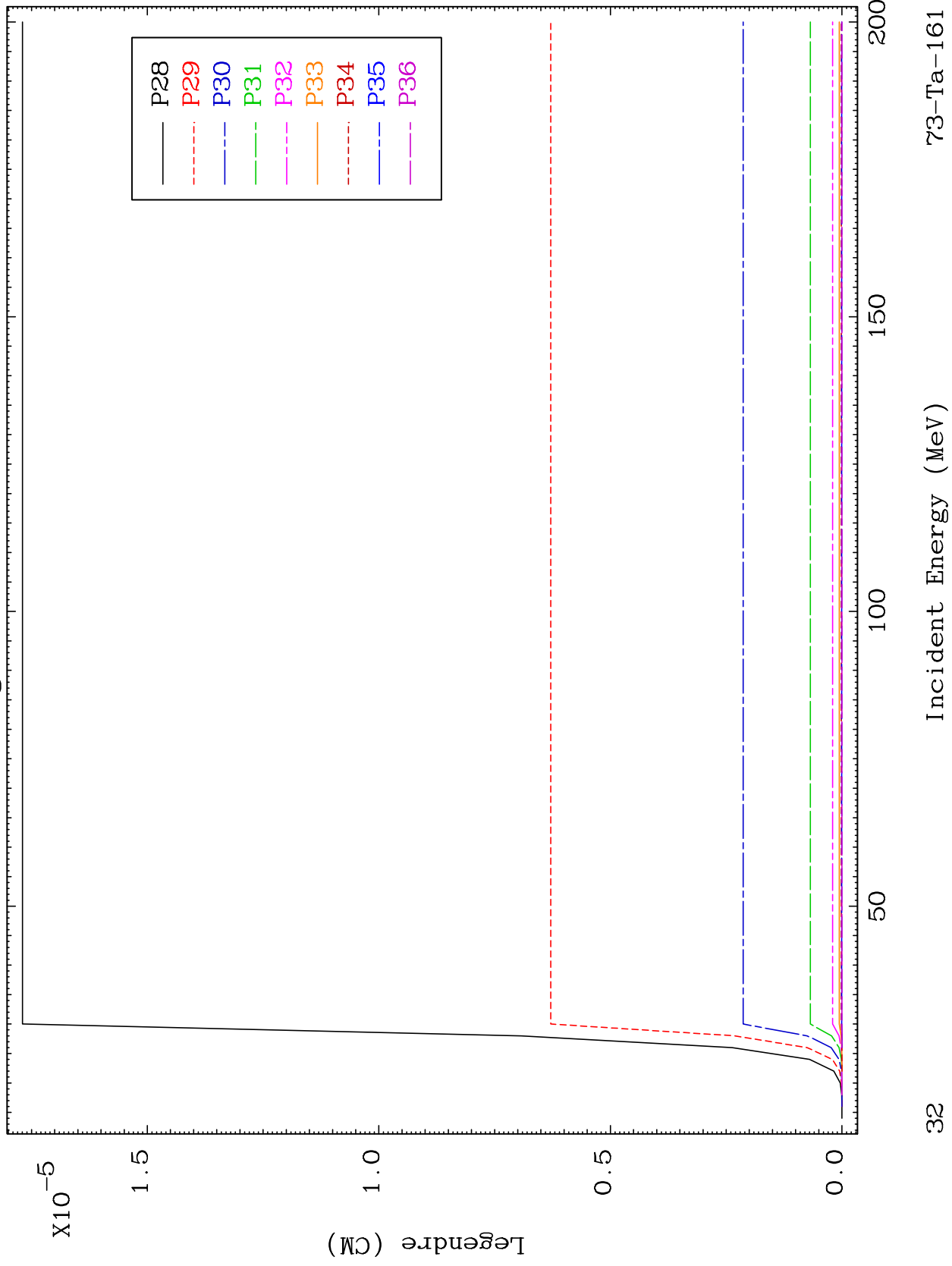
30



MAT 7268

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

73-Ta-161

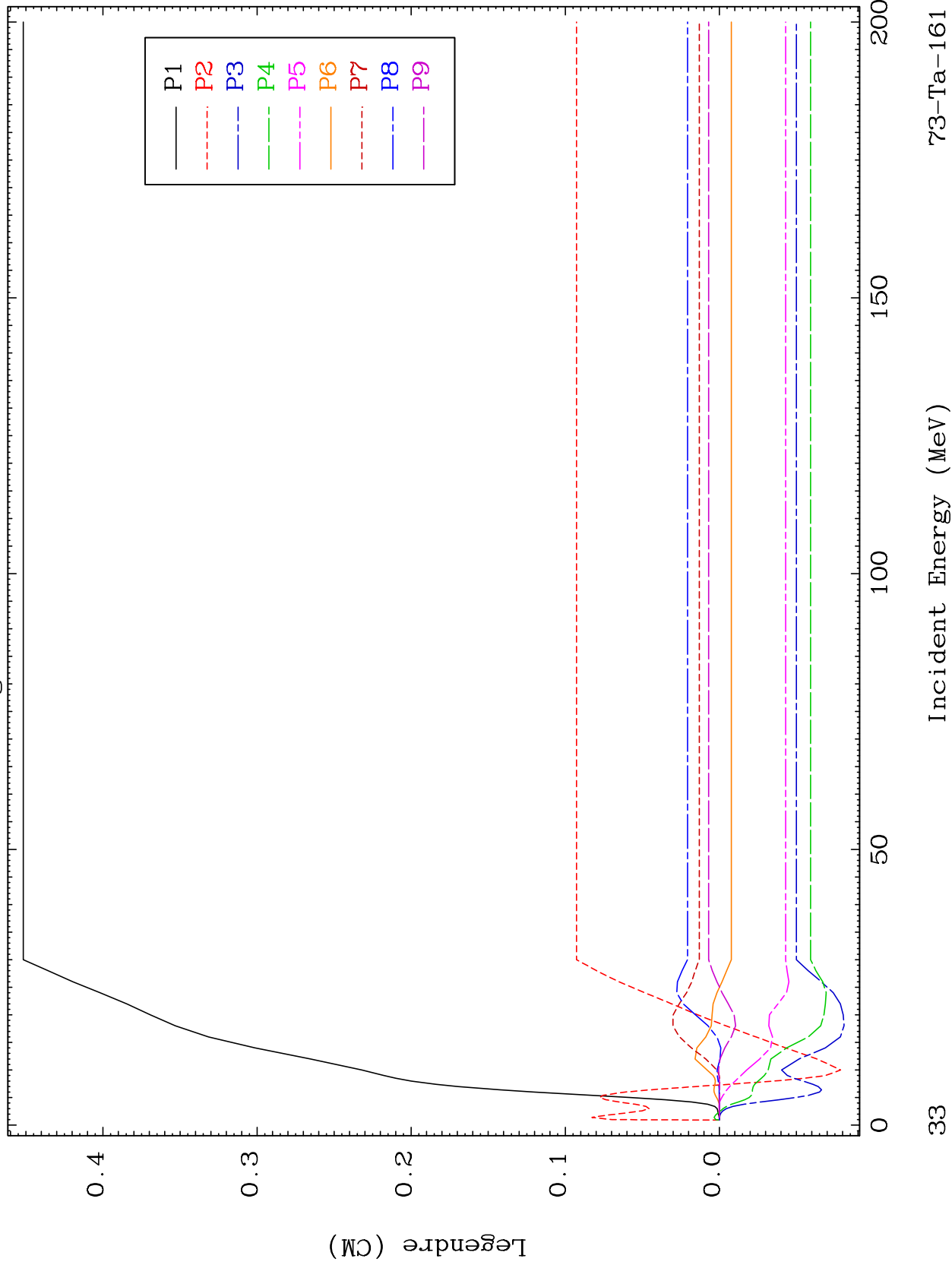


32

MAT 7268

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

73-Ta-161

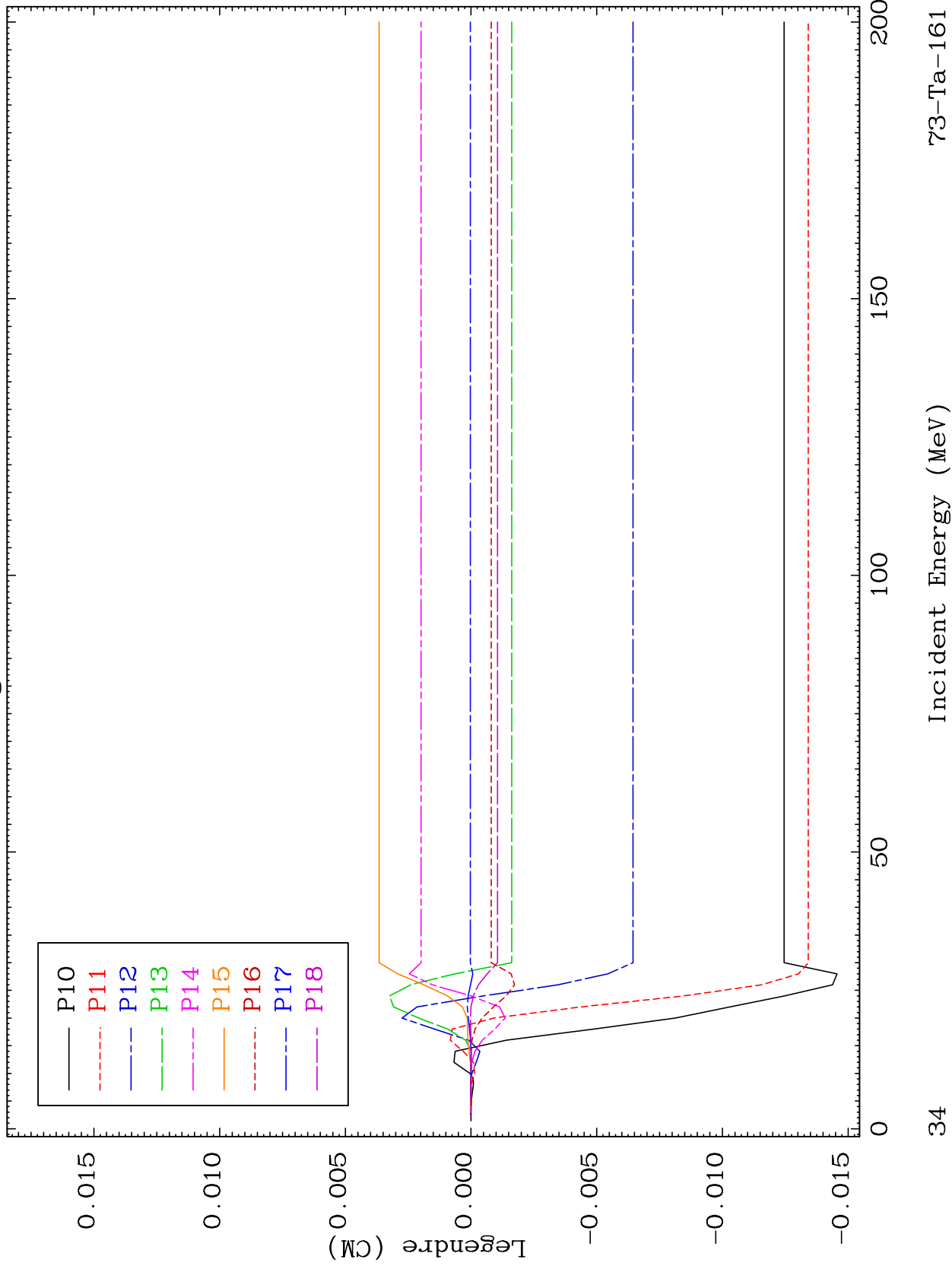


33

MAT 7268

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

73-Ta-161



34

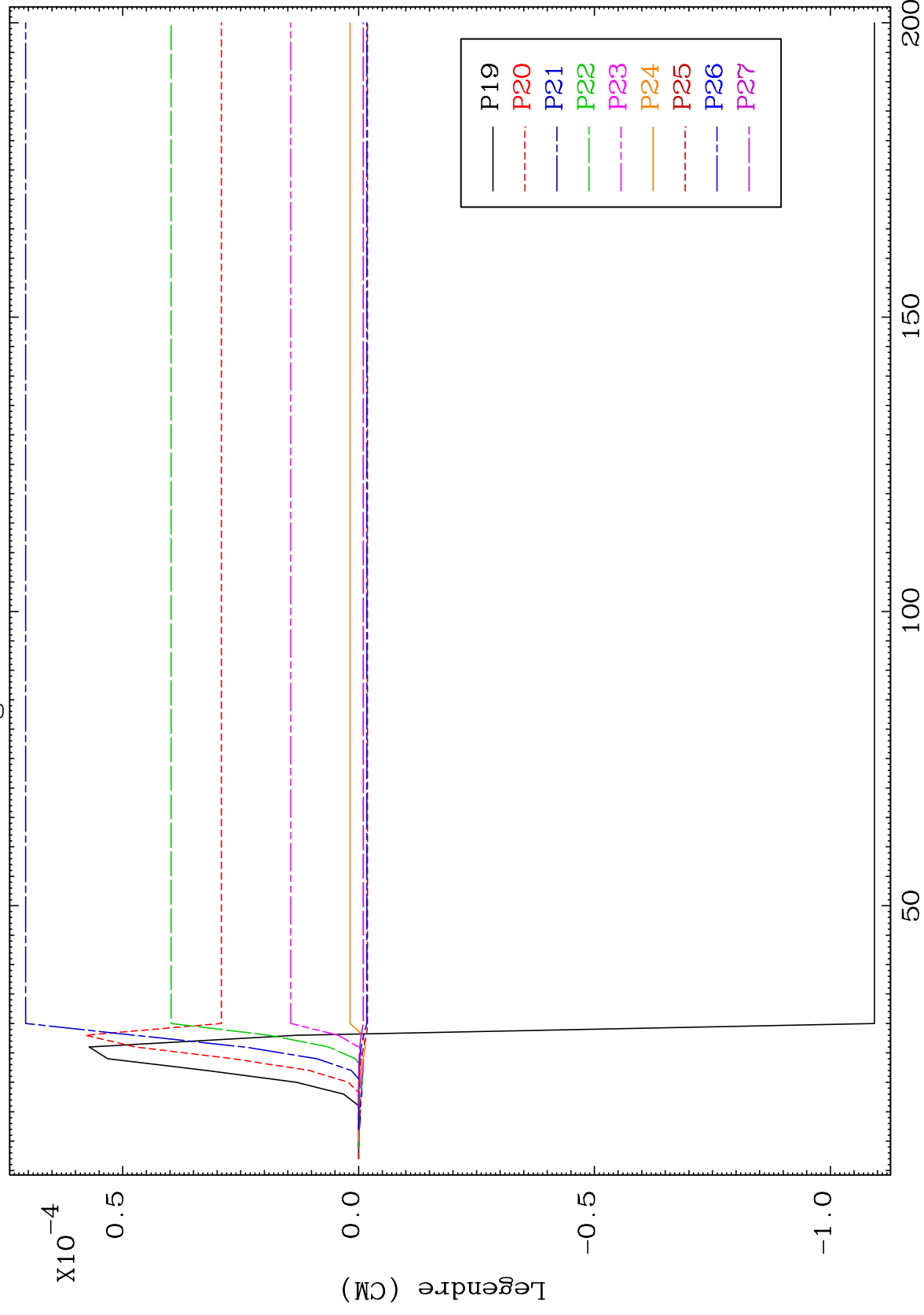
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



35

Incident Energy (MeV)

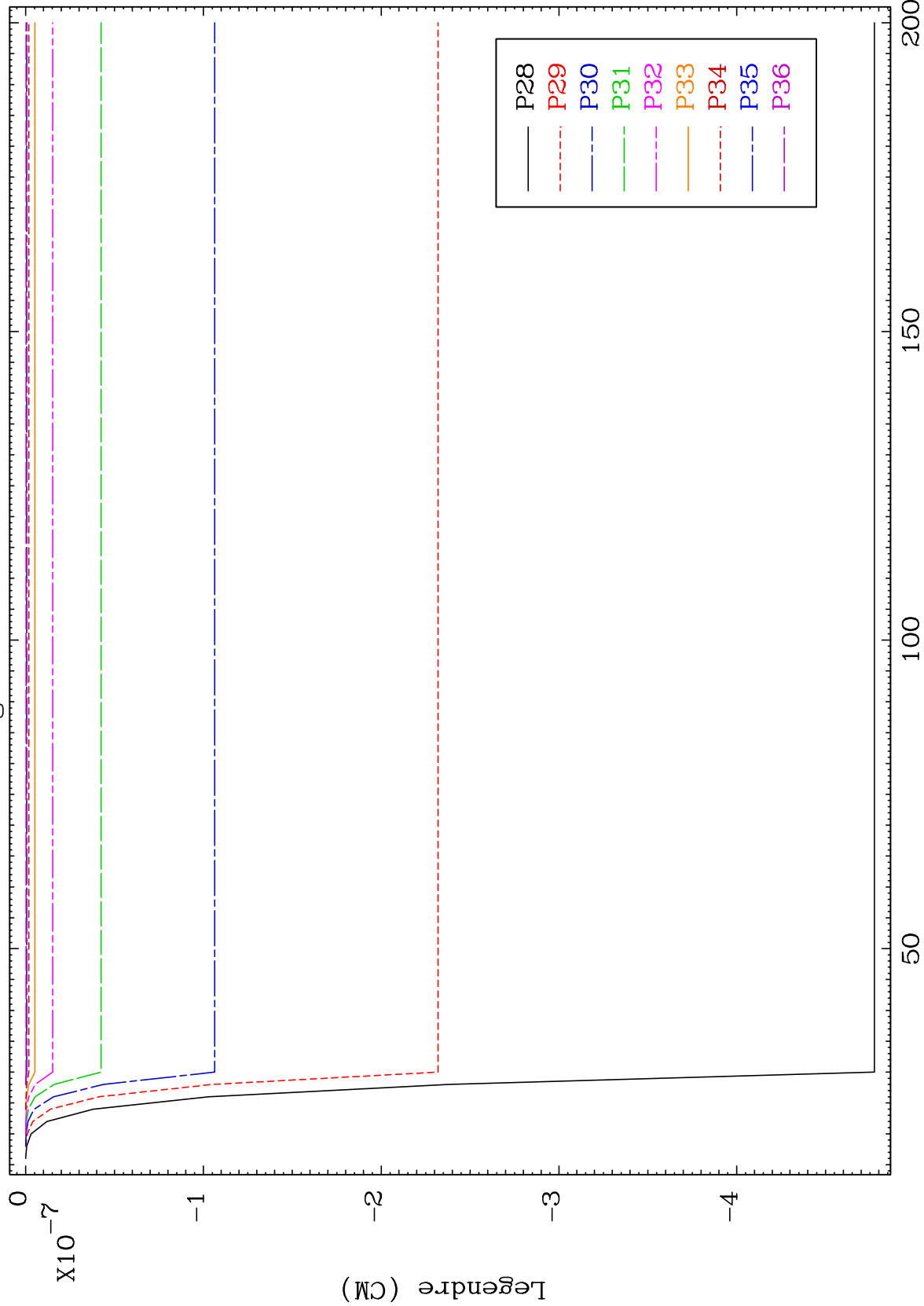
73-Ta-161

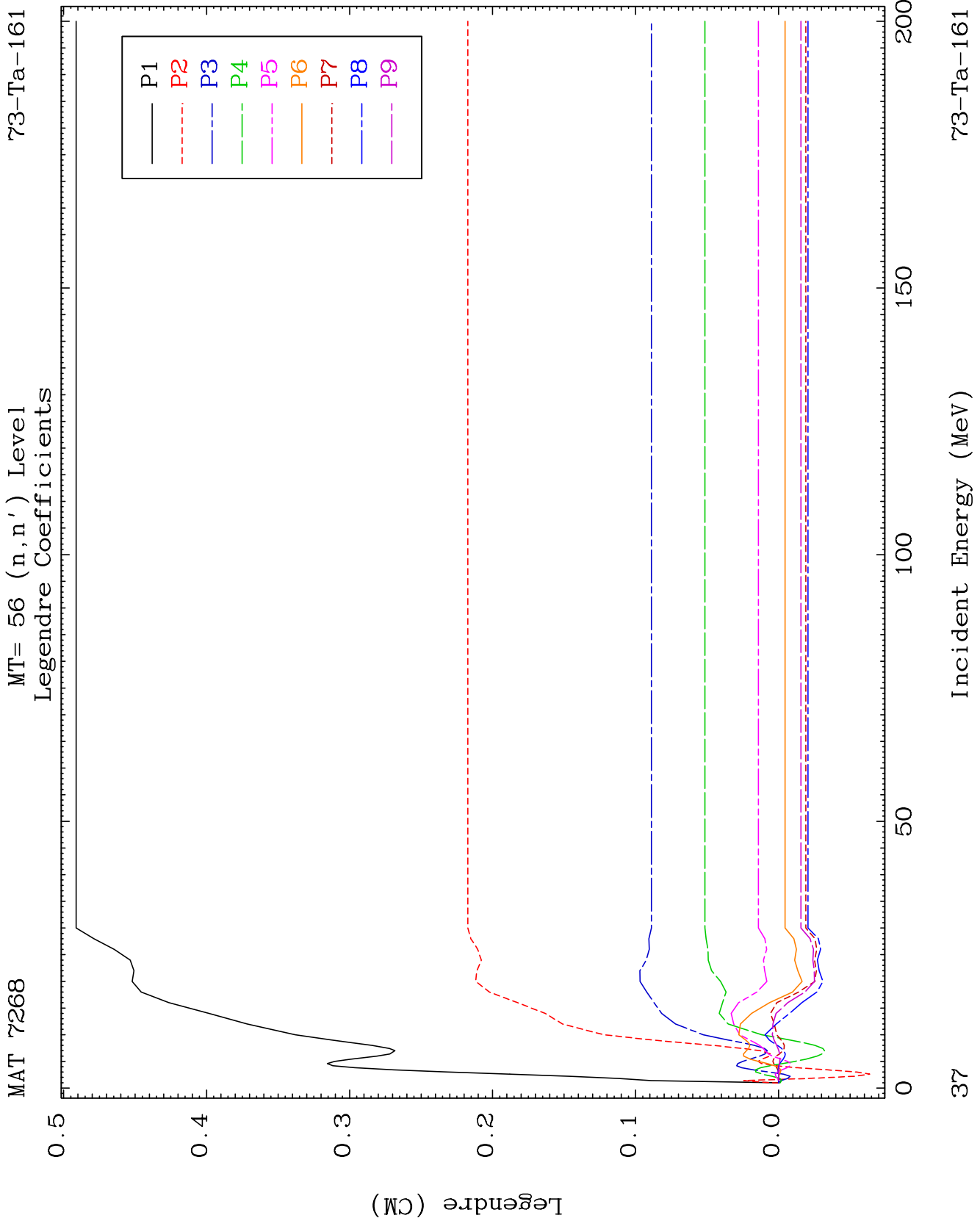
MAT 7268

MT= 55 (n,n') Level

73-Ta-161

Legendre Coefficients

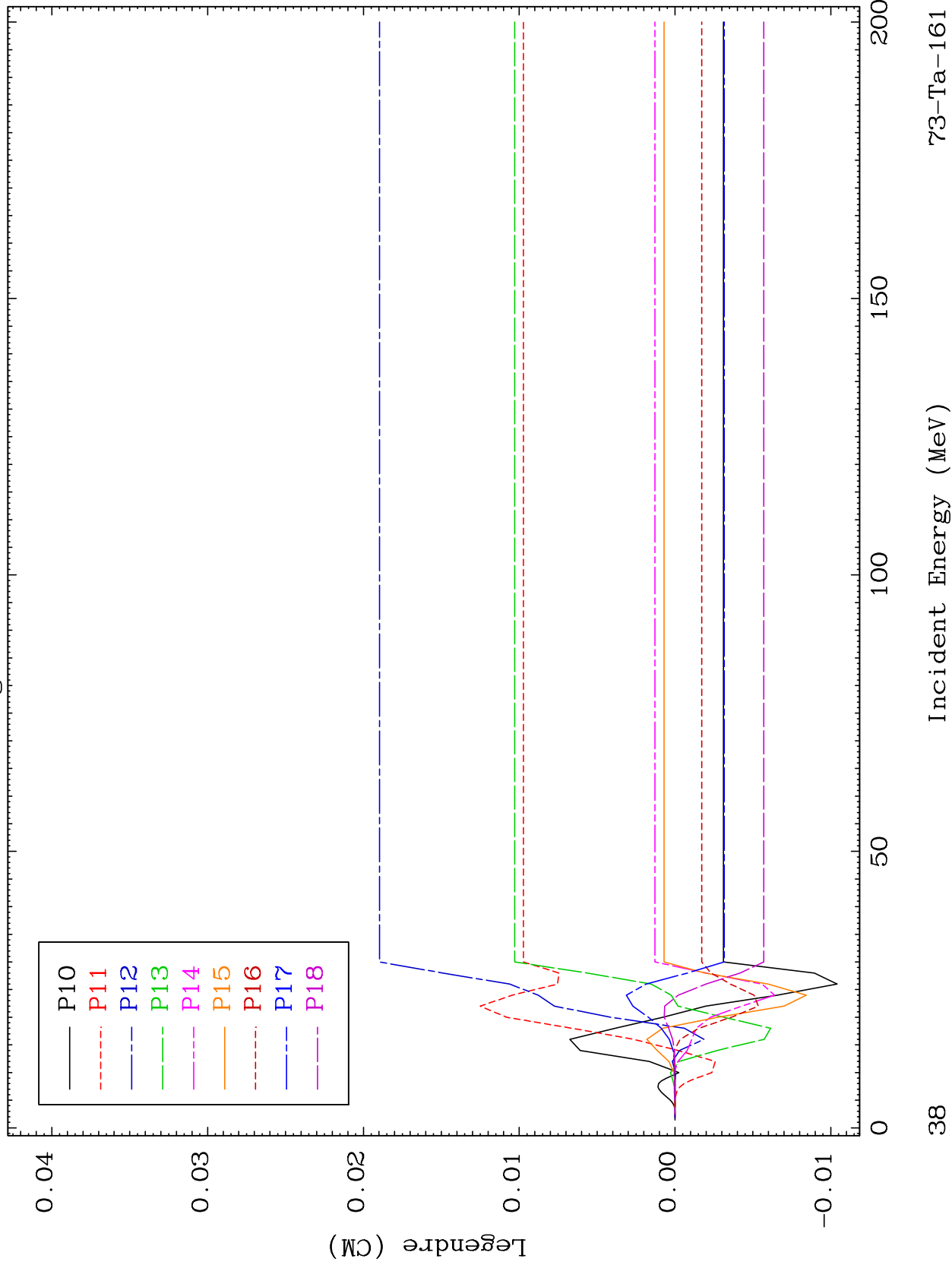




MAT 7268

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

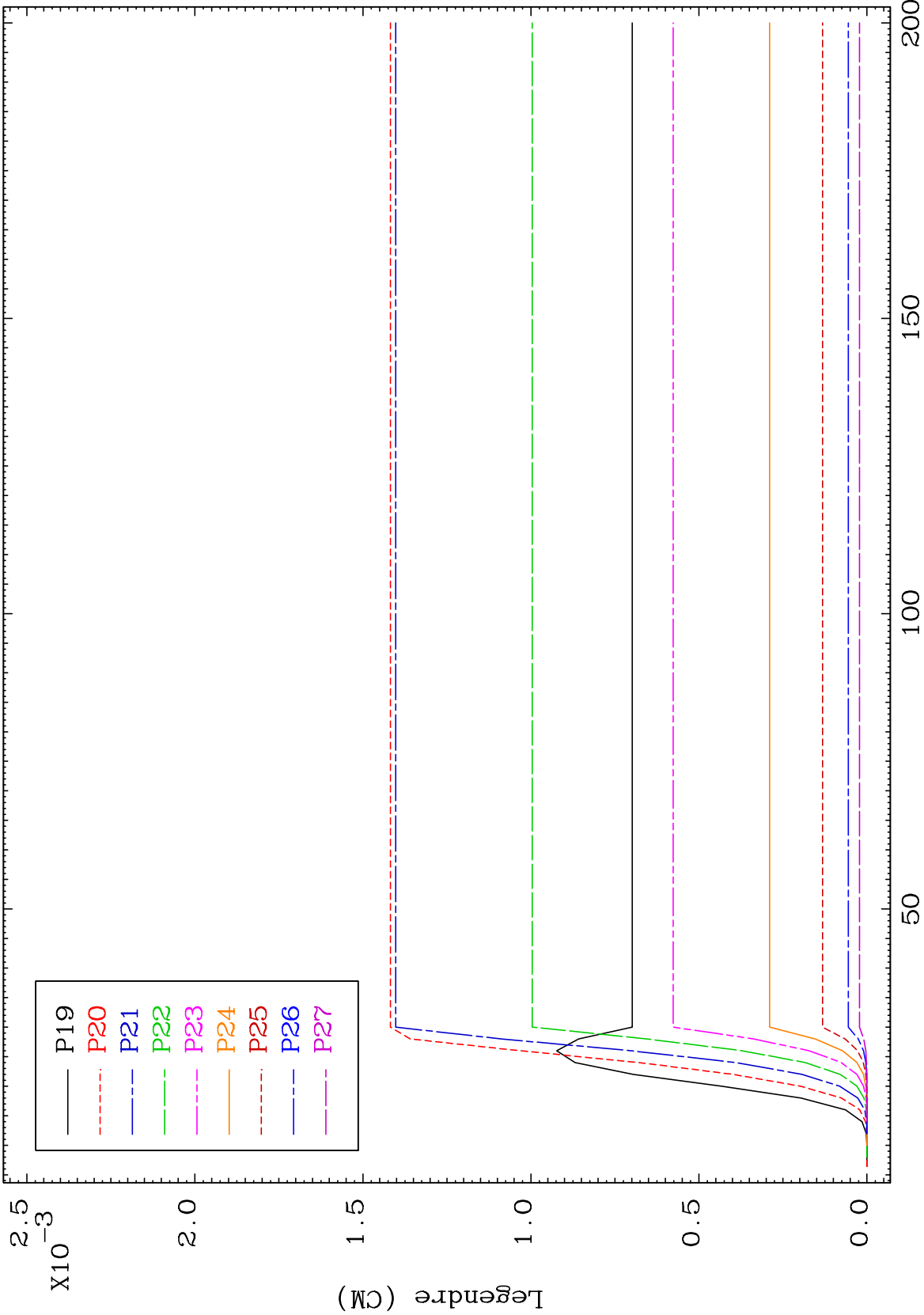
73-Ta-161



38

Incident Energy (MeV)

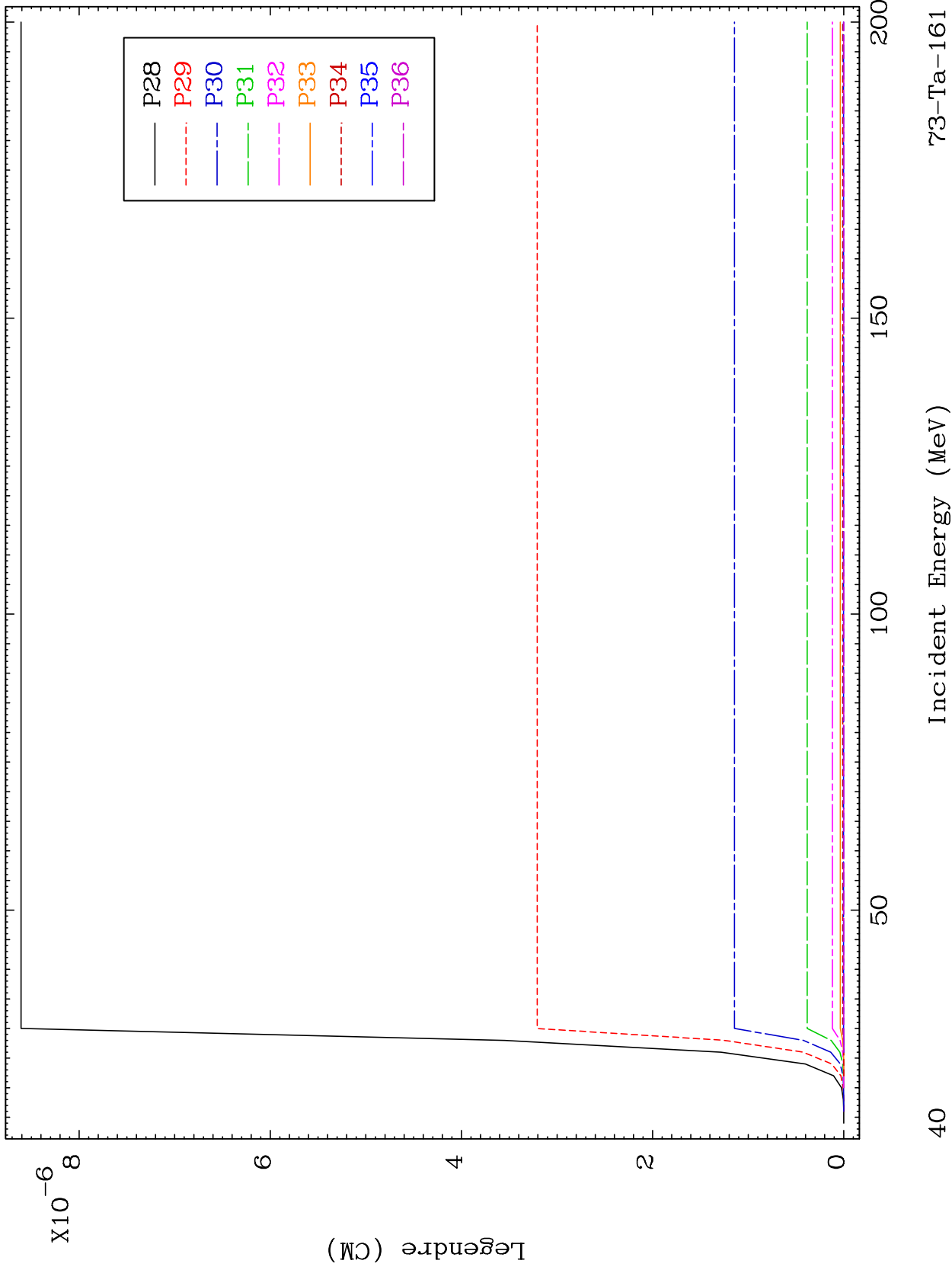
73-Ta-161

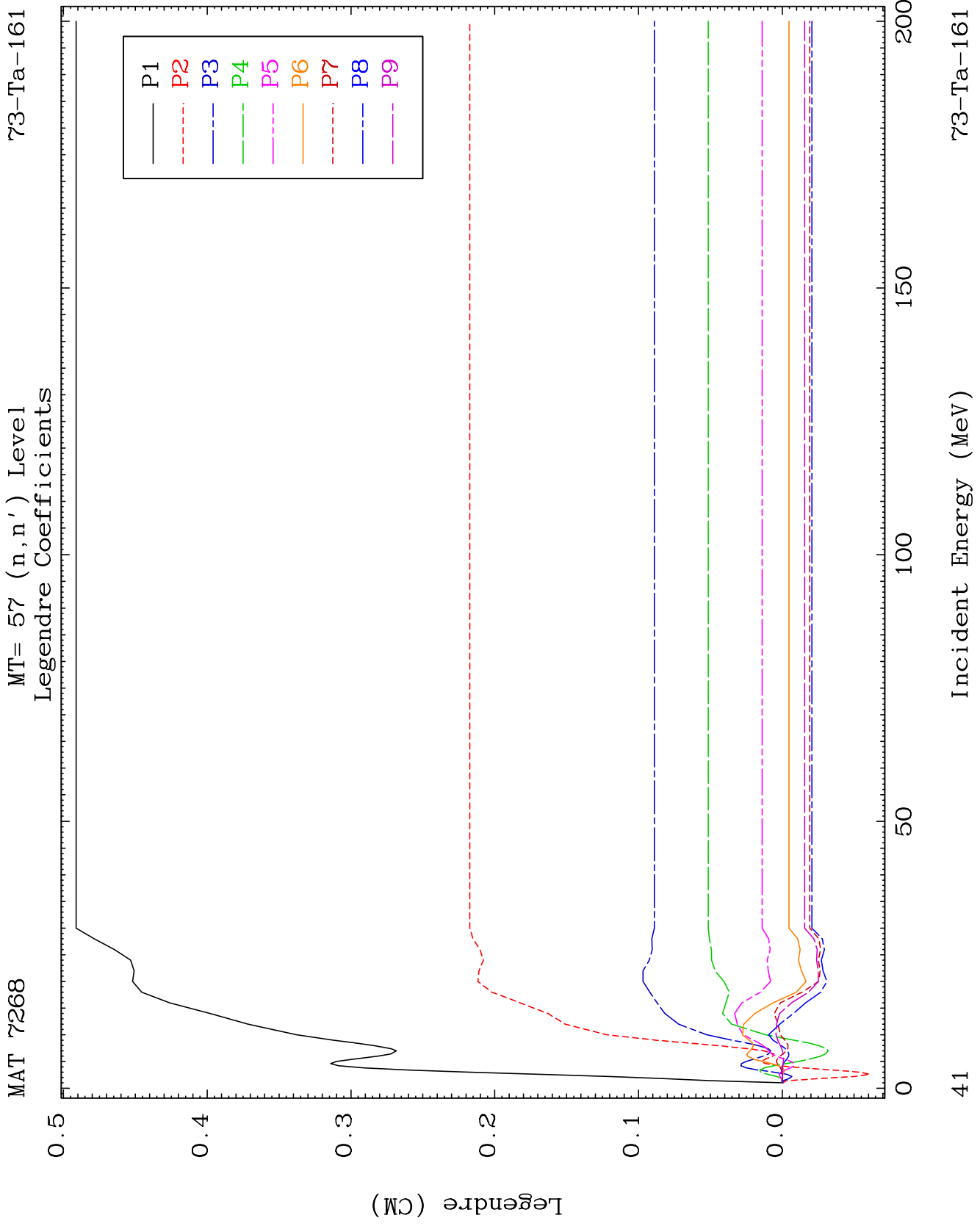


MAT 7268

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

73-Ta-161

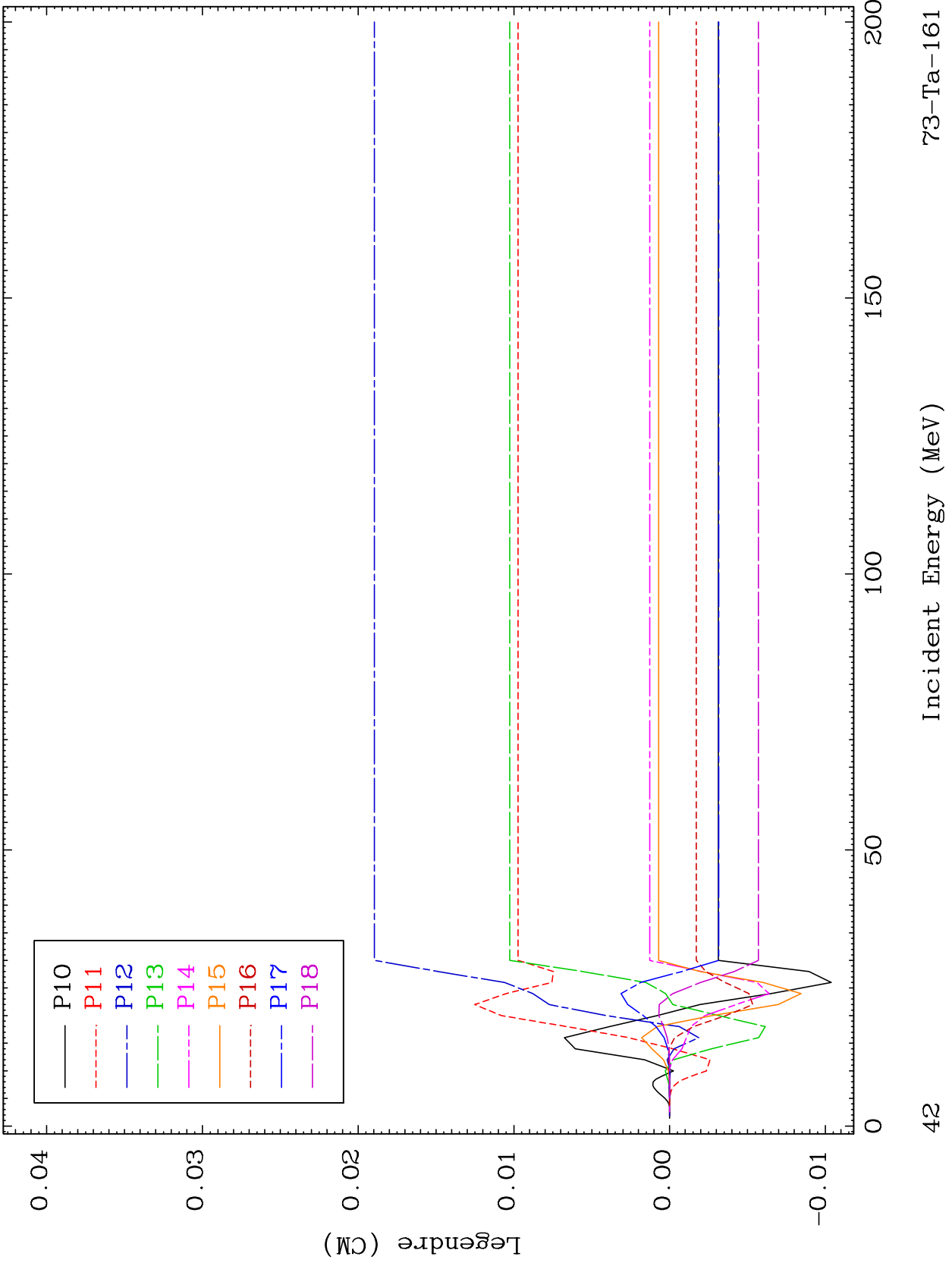




MAT 7268

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

73-Ta-161



42

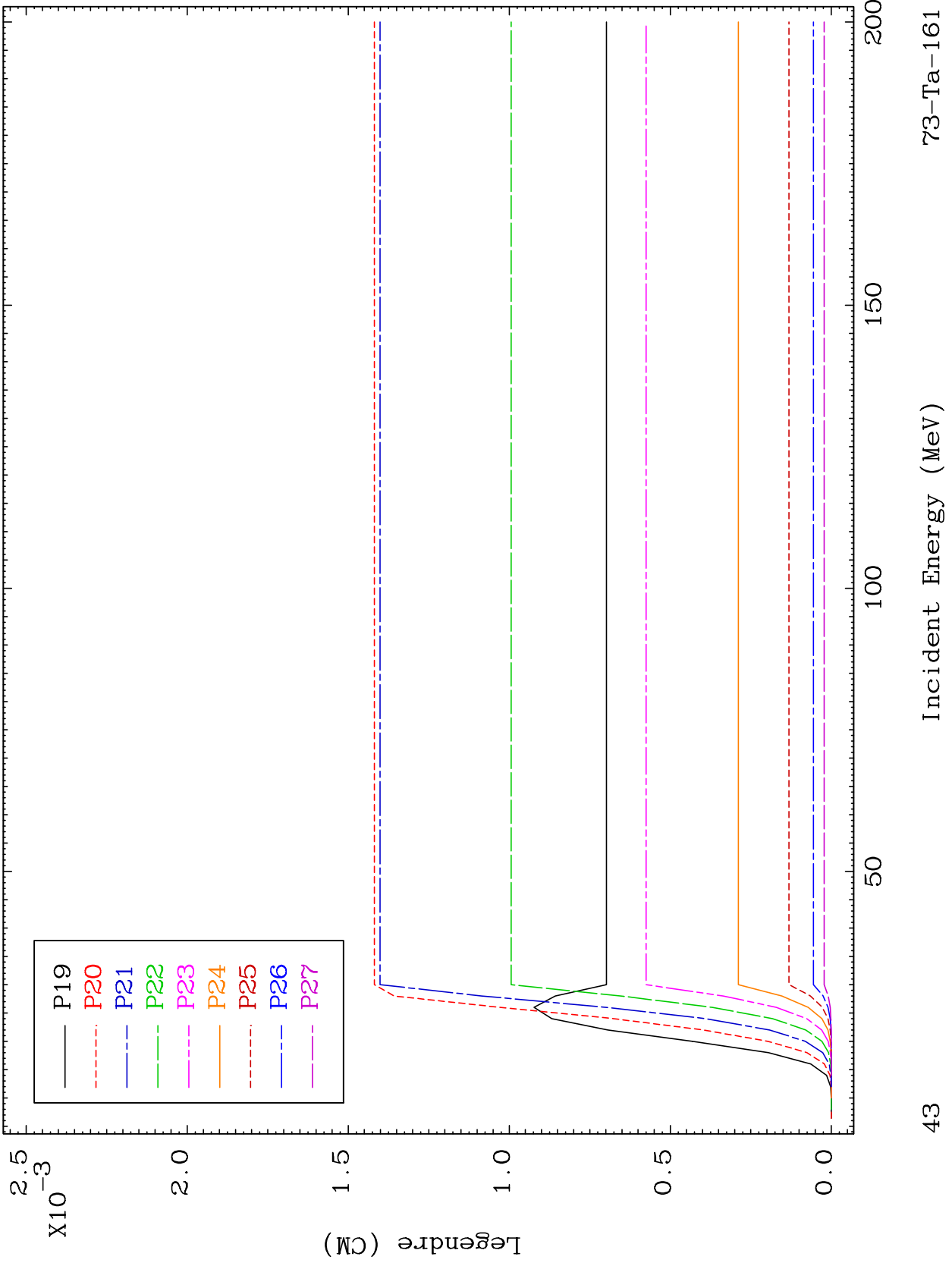
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

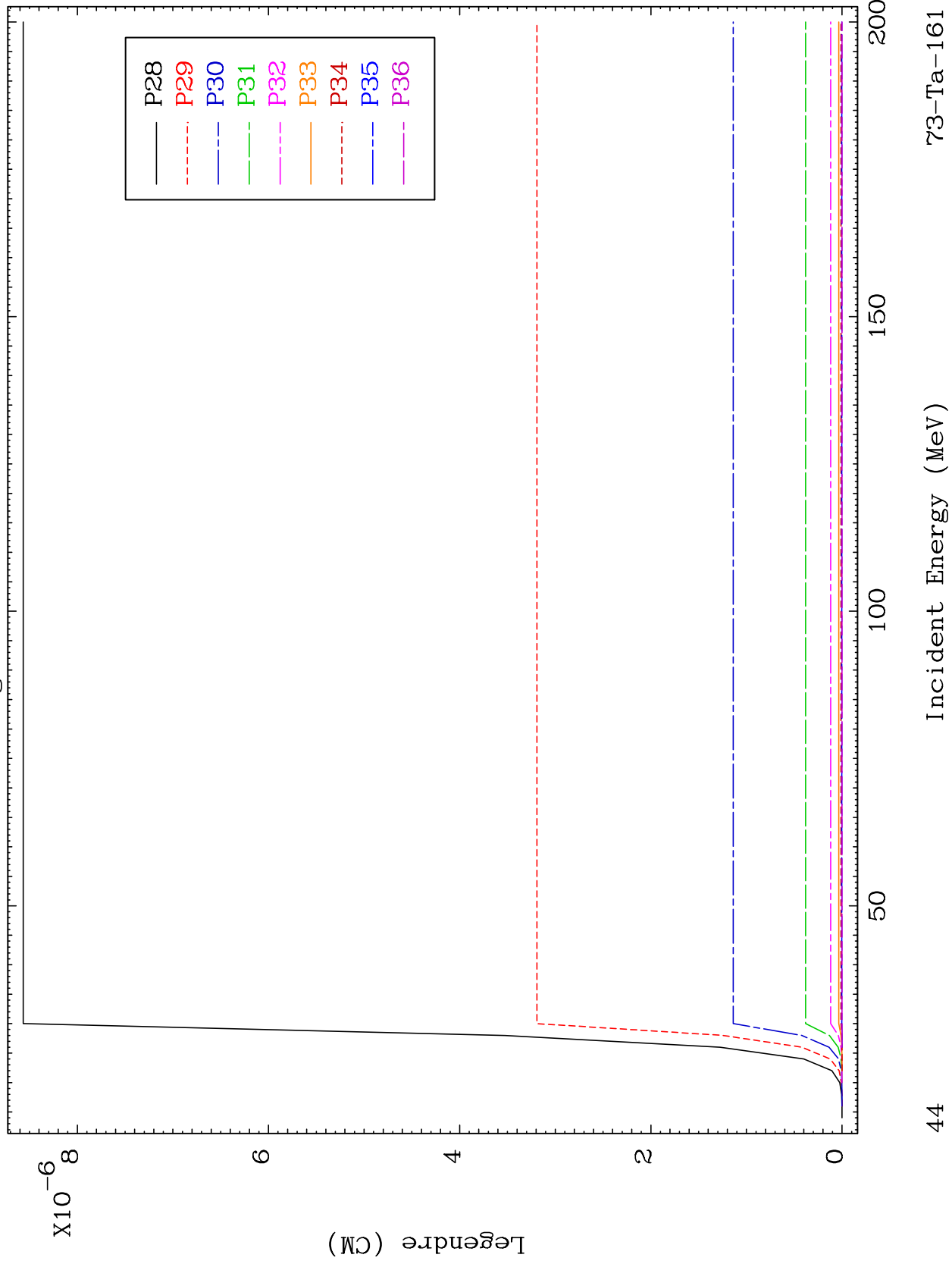
73-Ta-161



MAT 7268

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

73-Ta-161



44

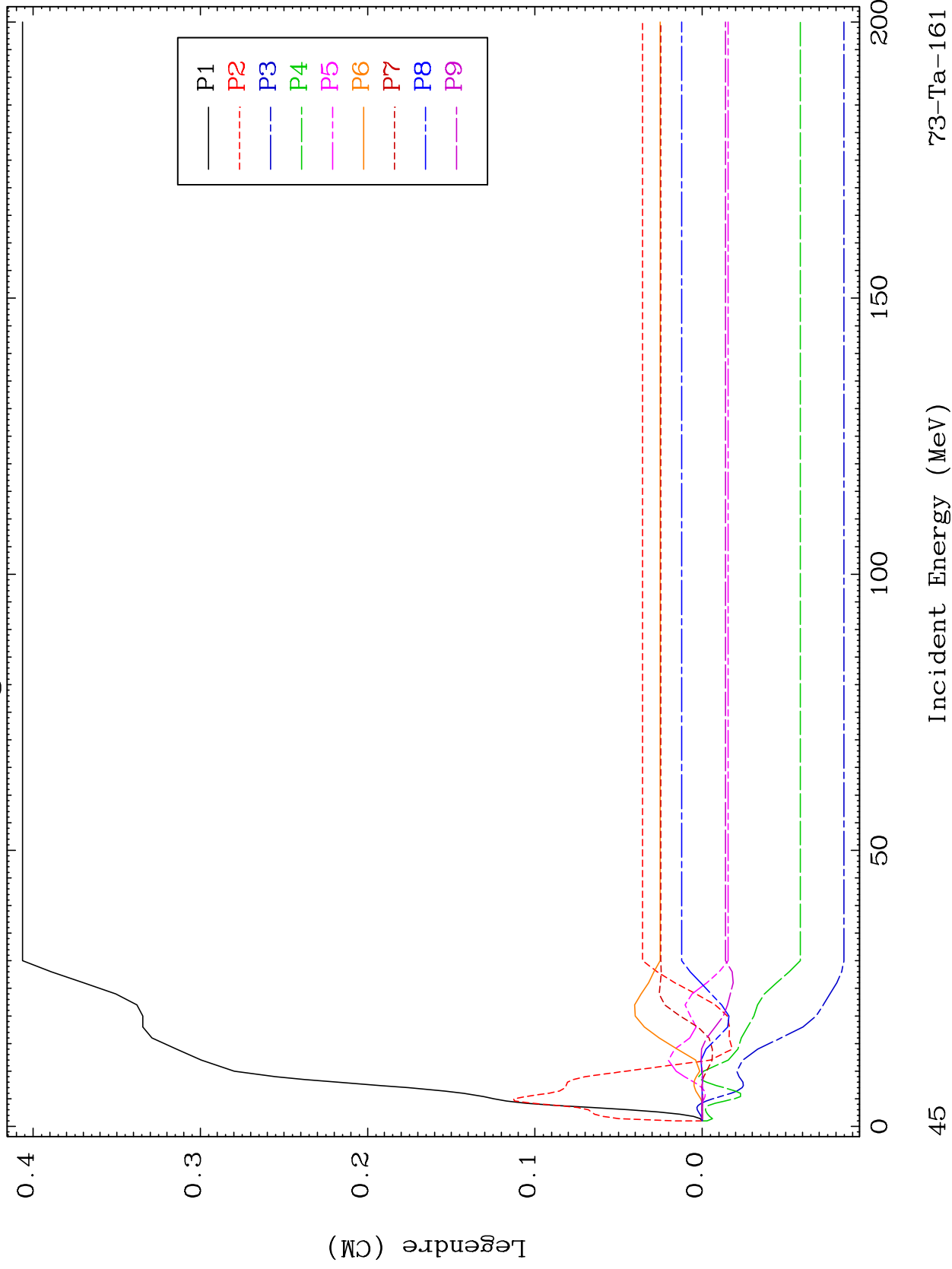
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



73-Ta-161

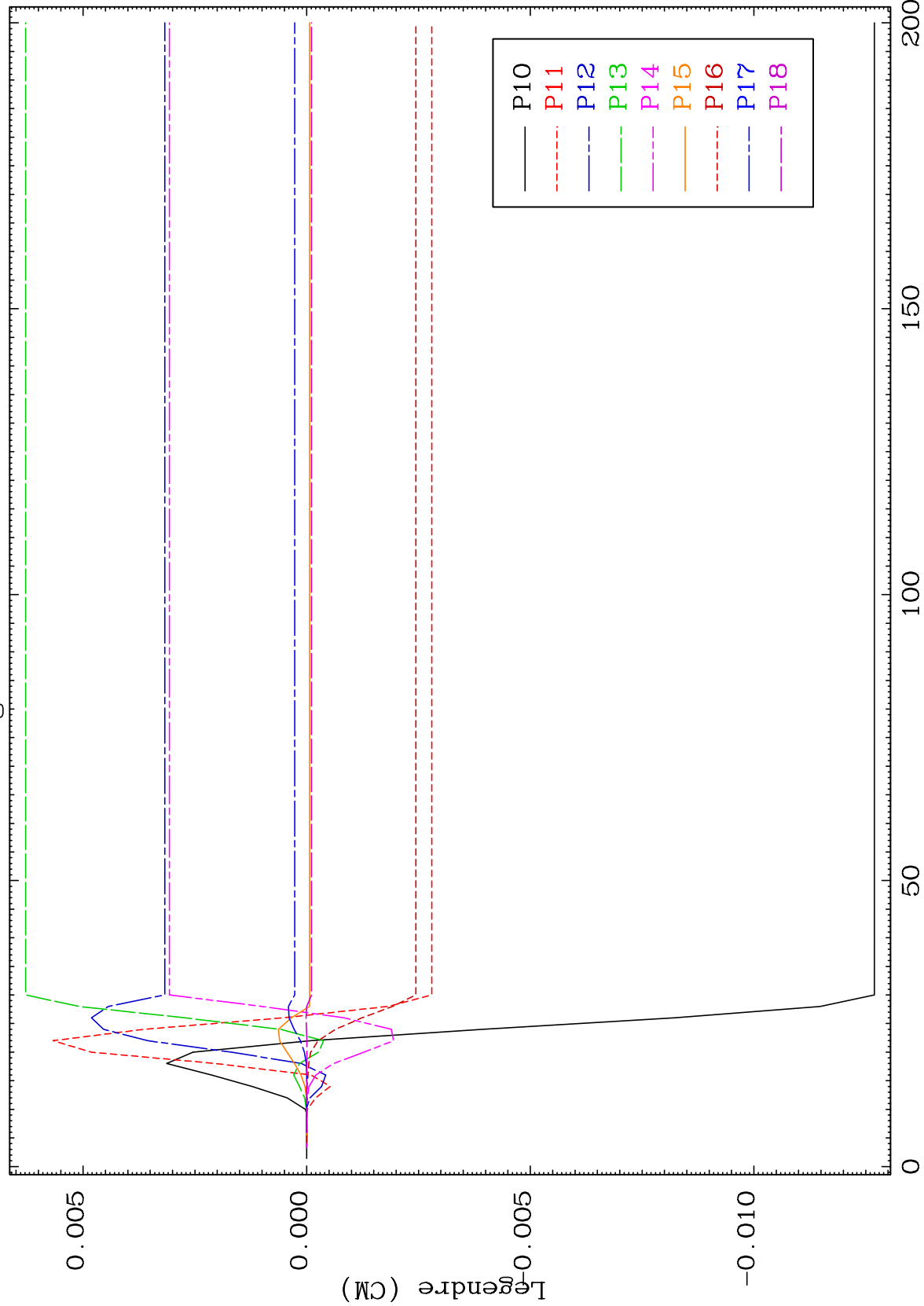
Incident Energy (MeV)

45

MAT 7268

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

73-Ta-161



46

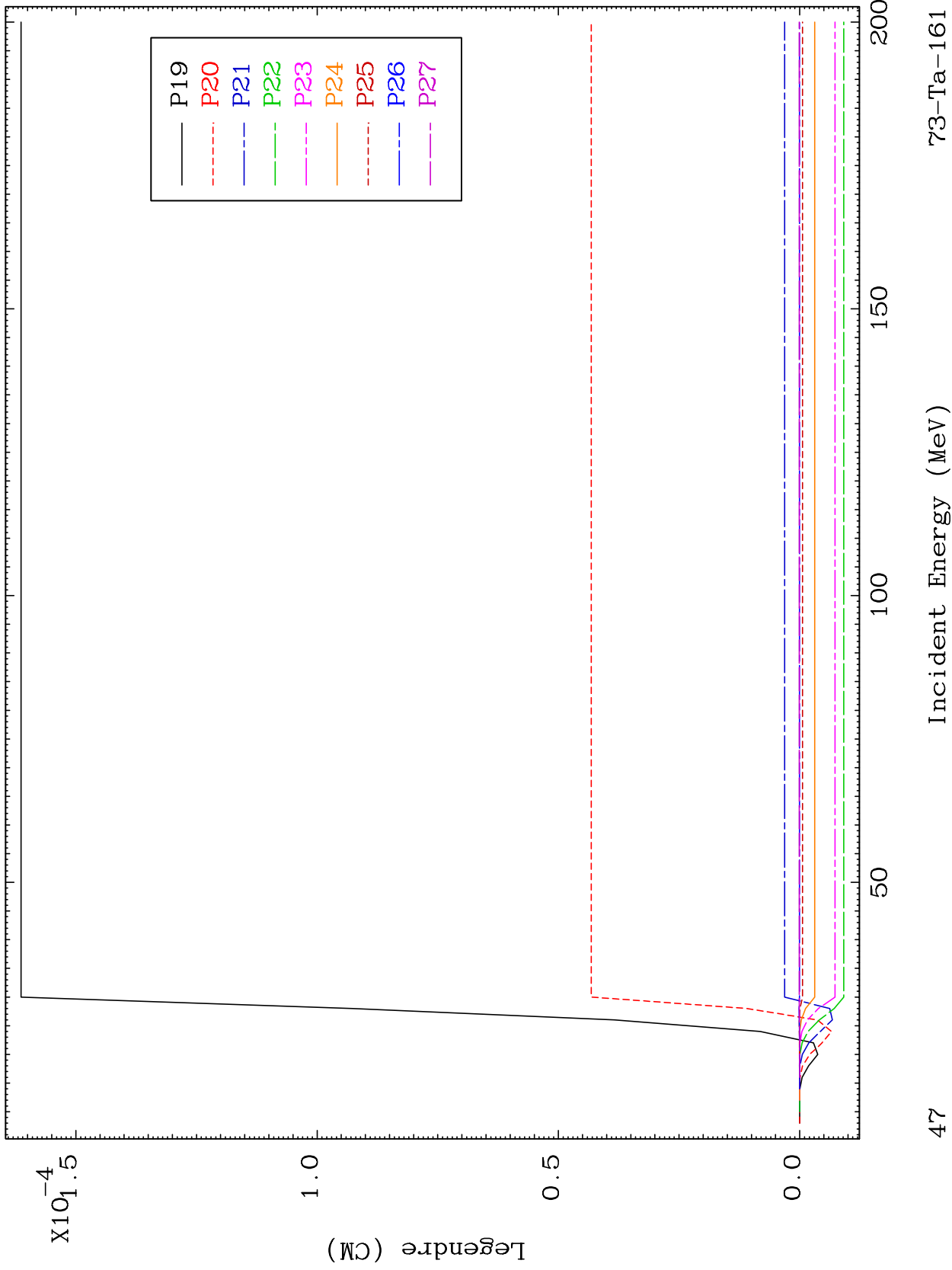
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



47

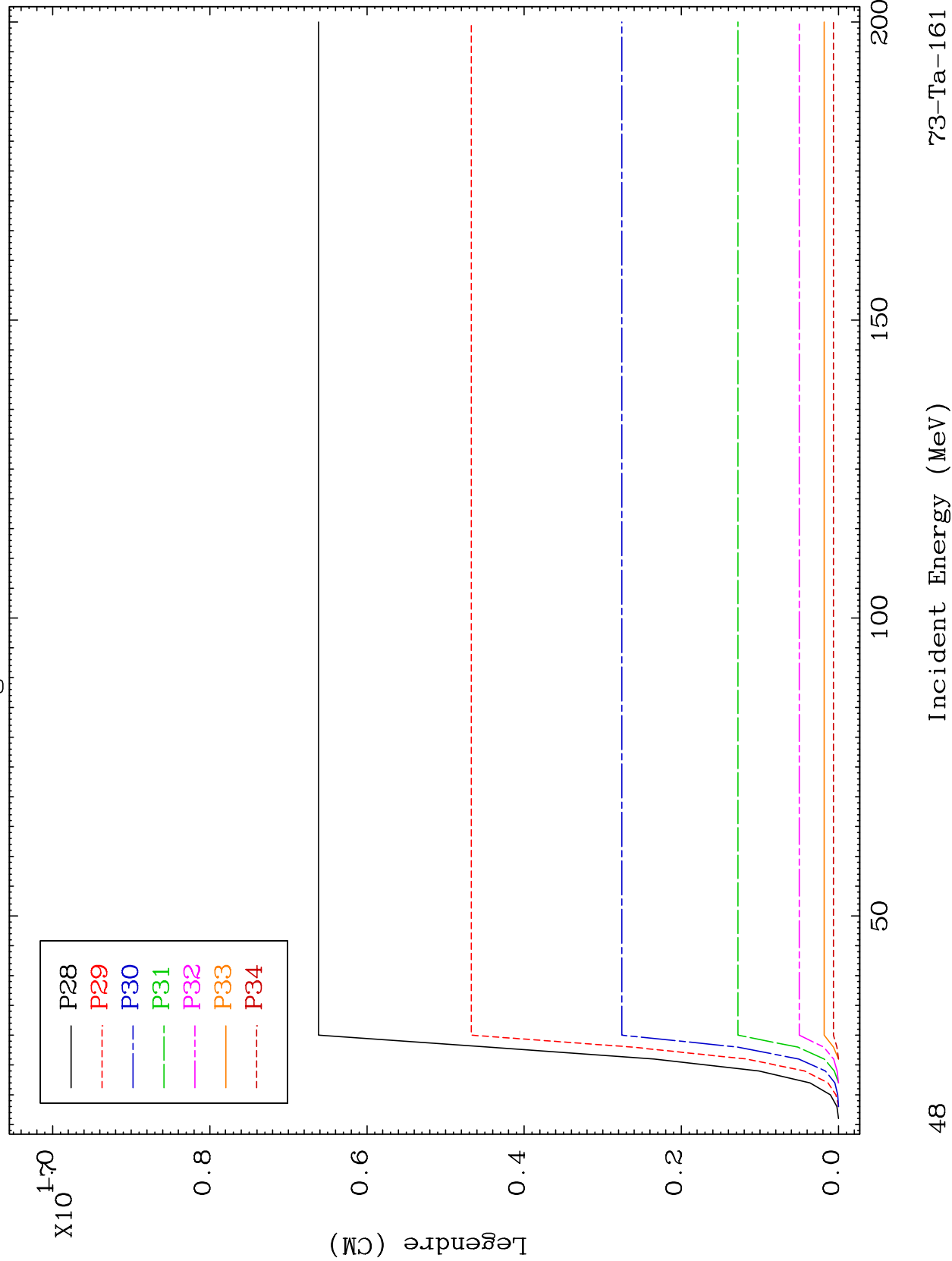
Incident Energy (MeV)

73-Ta-161

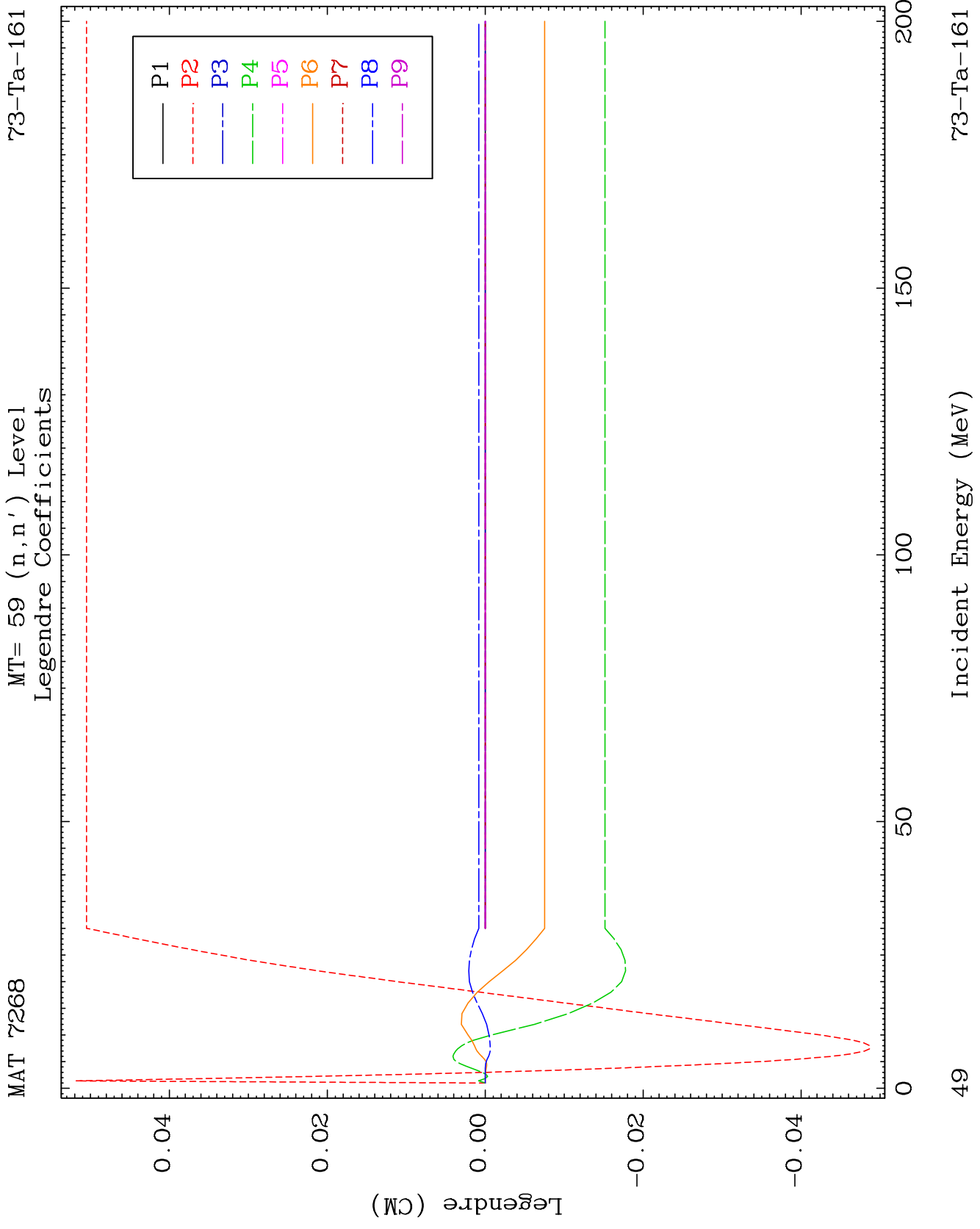
MAT 7268

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

73-Ta-161



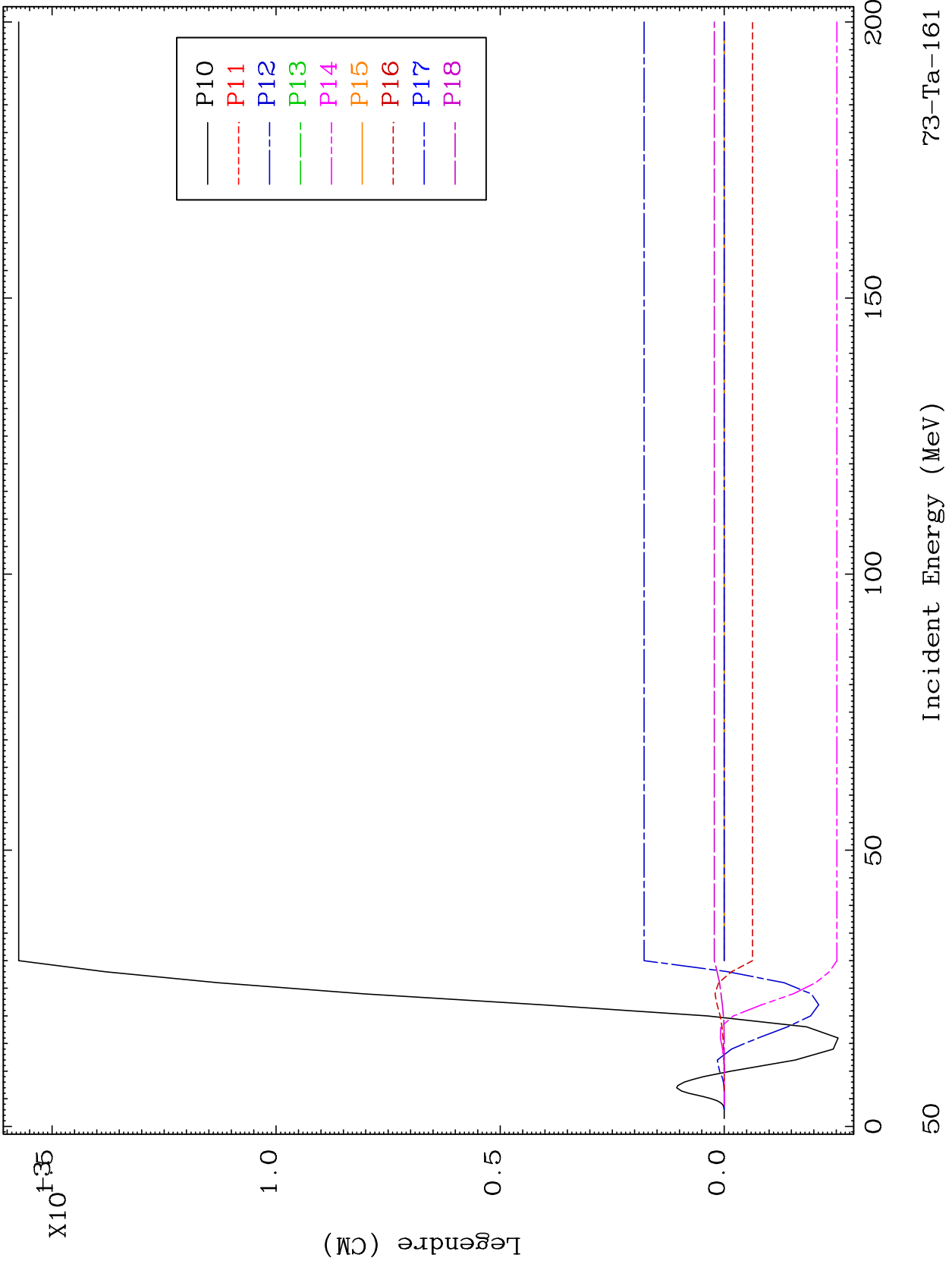
48



MAT 7268

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

73-Ta-161

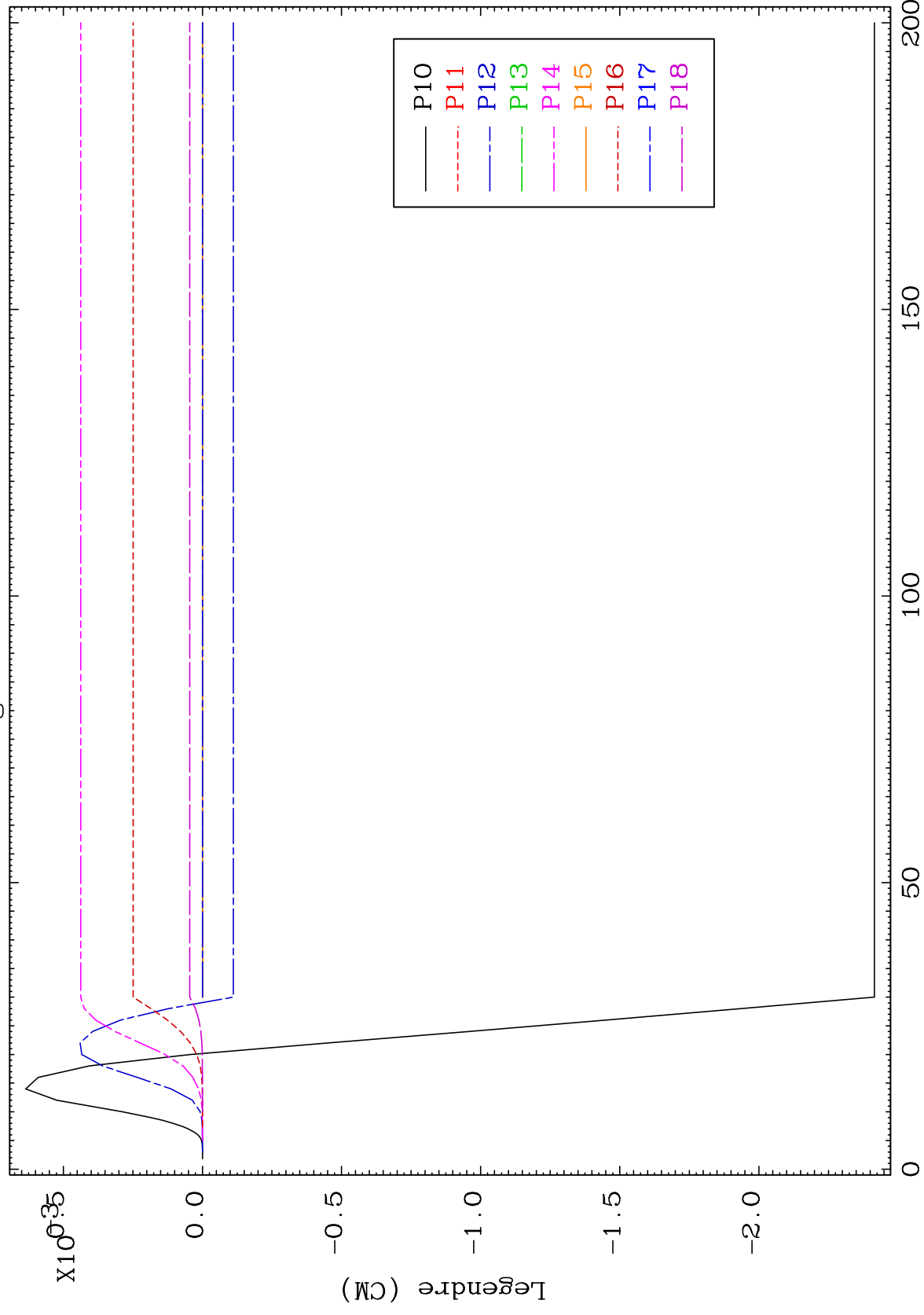


73-Ta-161

MAT 7268

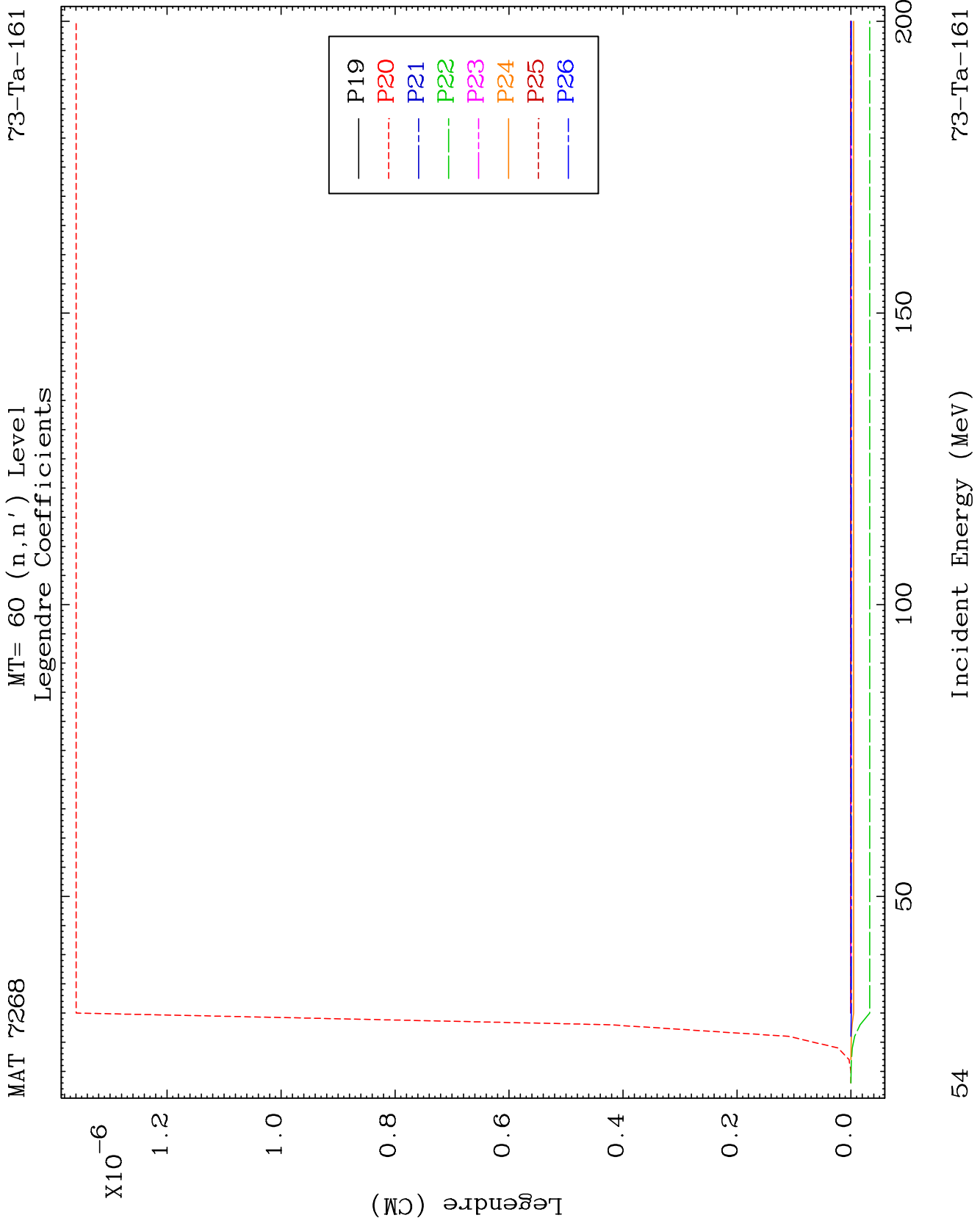
MT= 60 (n,n') Level
Legendre Coefficients

73-Ta-161



53

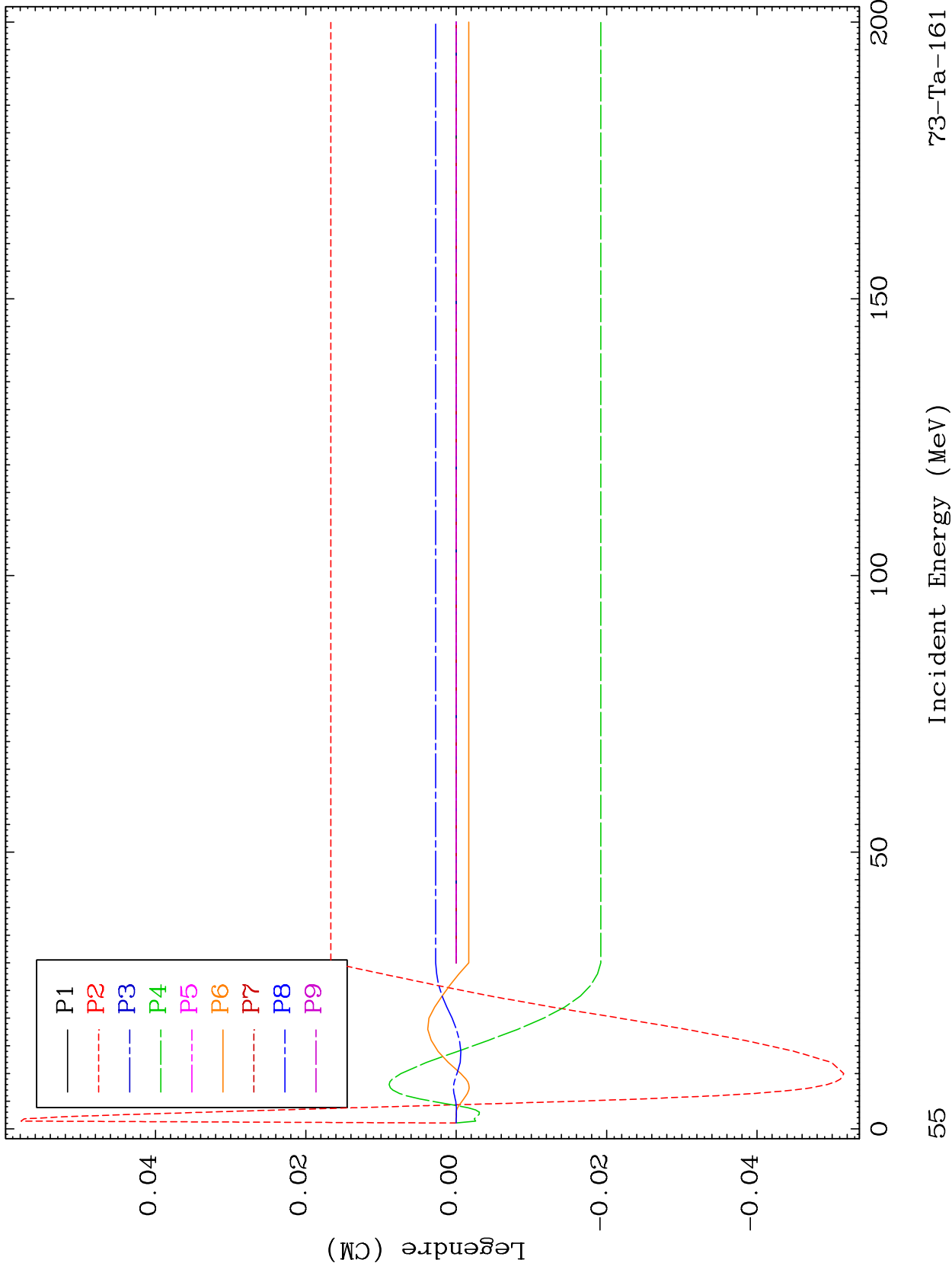
73-Ta-161



MAT 7268

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

73-Ta-161



73-Ta-161

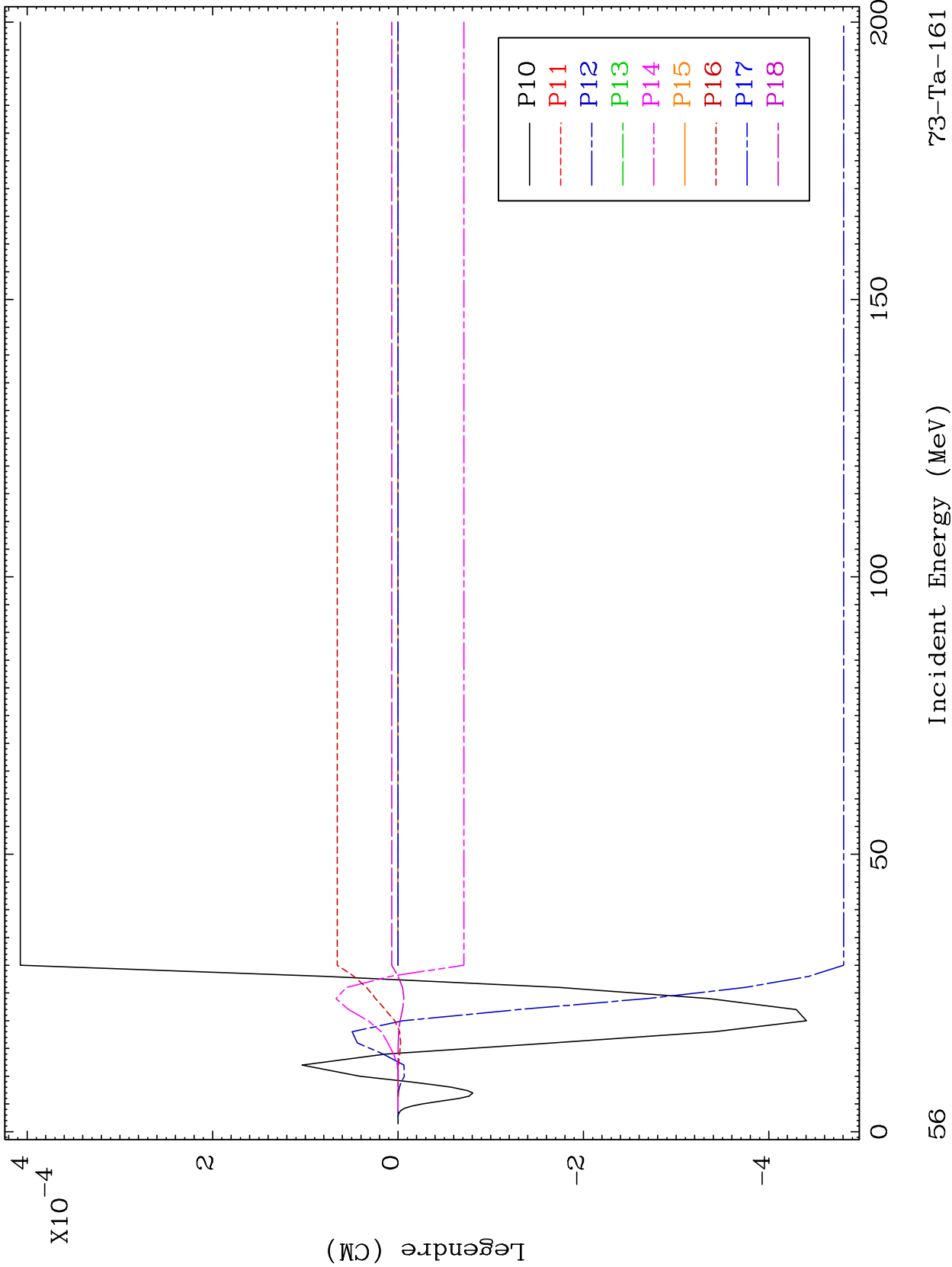
Incident Energy (MeV)

55

MAT 7268

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

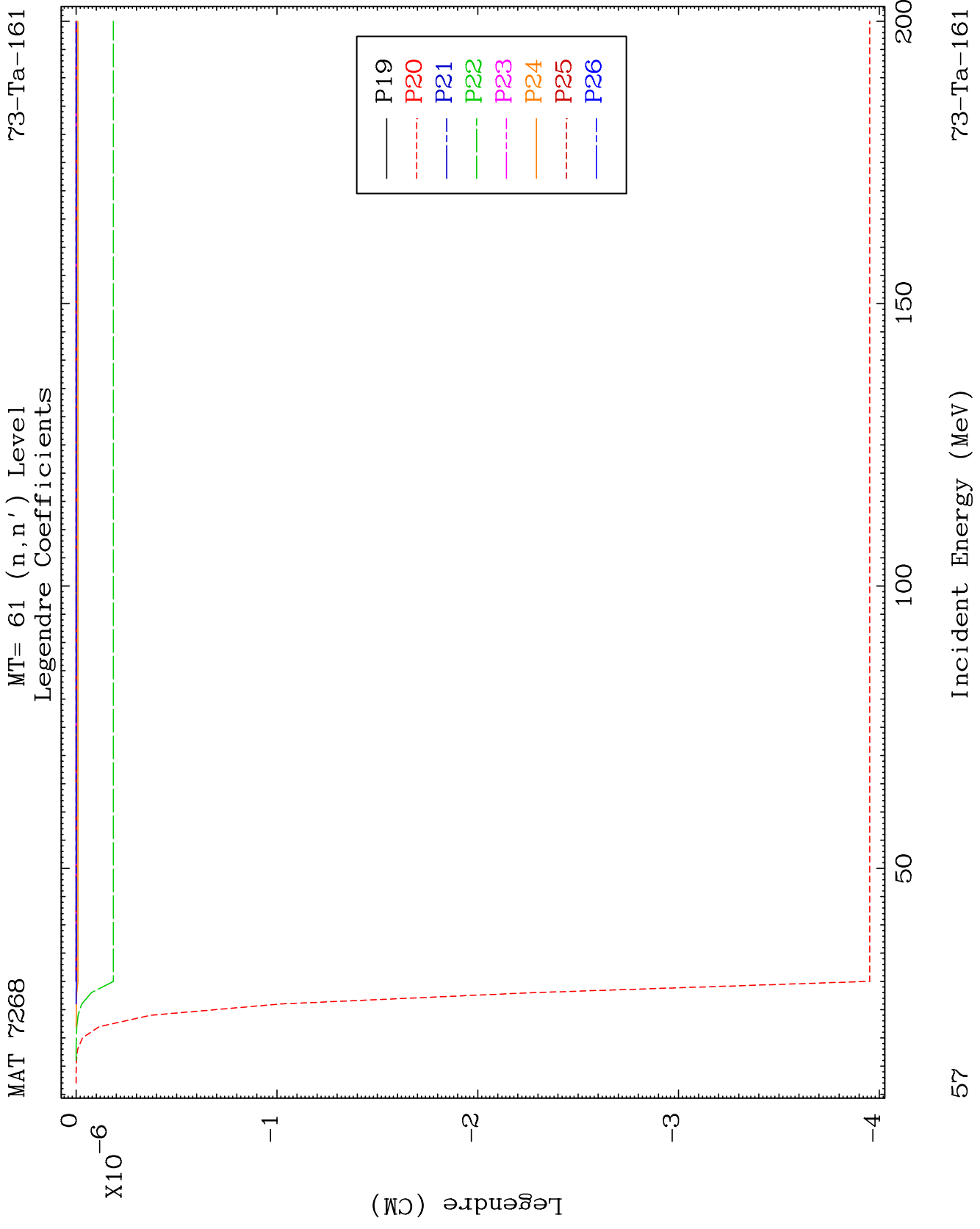
73-Ta-161

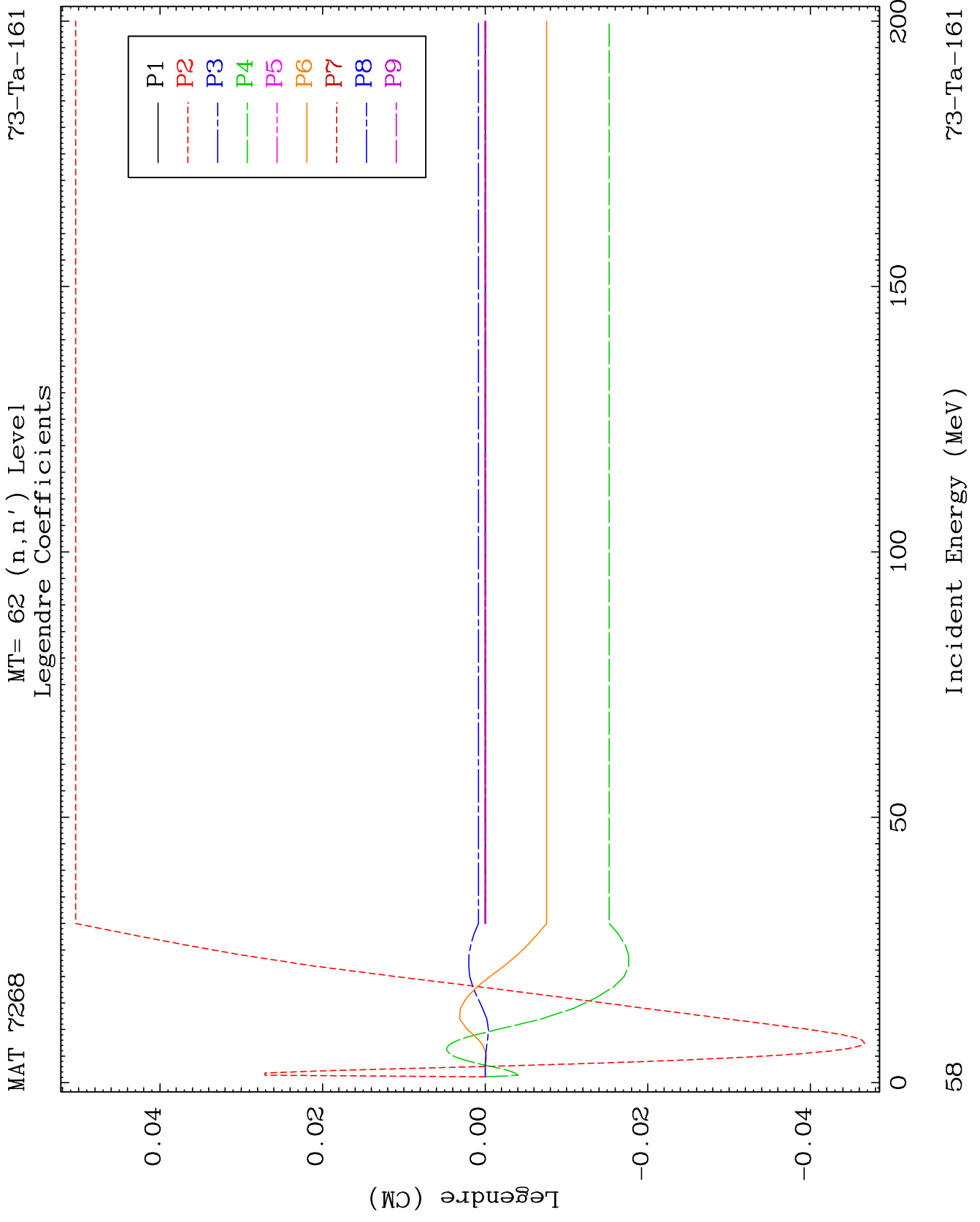


73-Ta-161

Incident Energy (MeV)

56

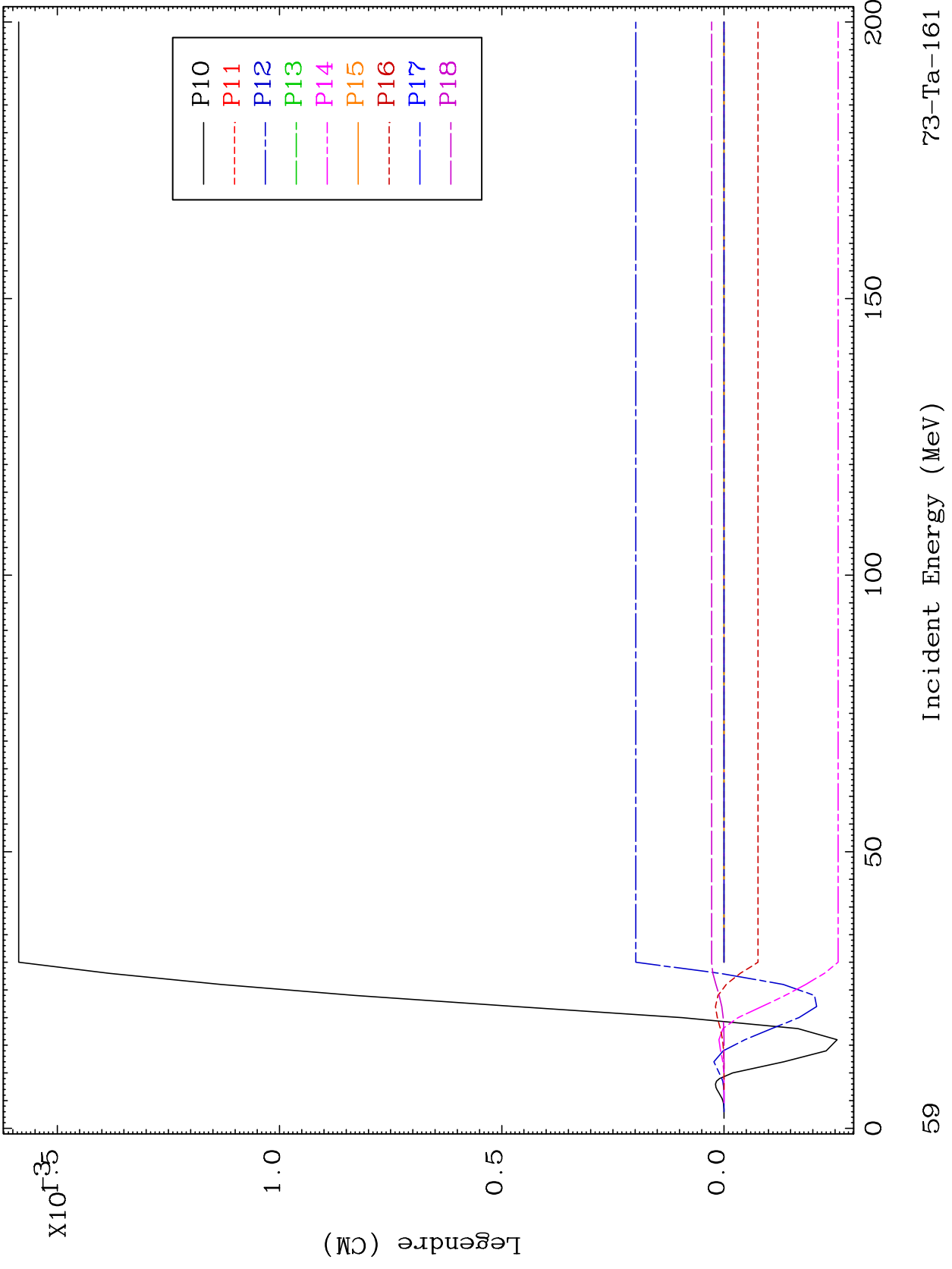




MAT 7268

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

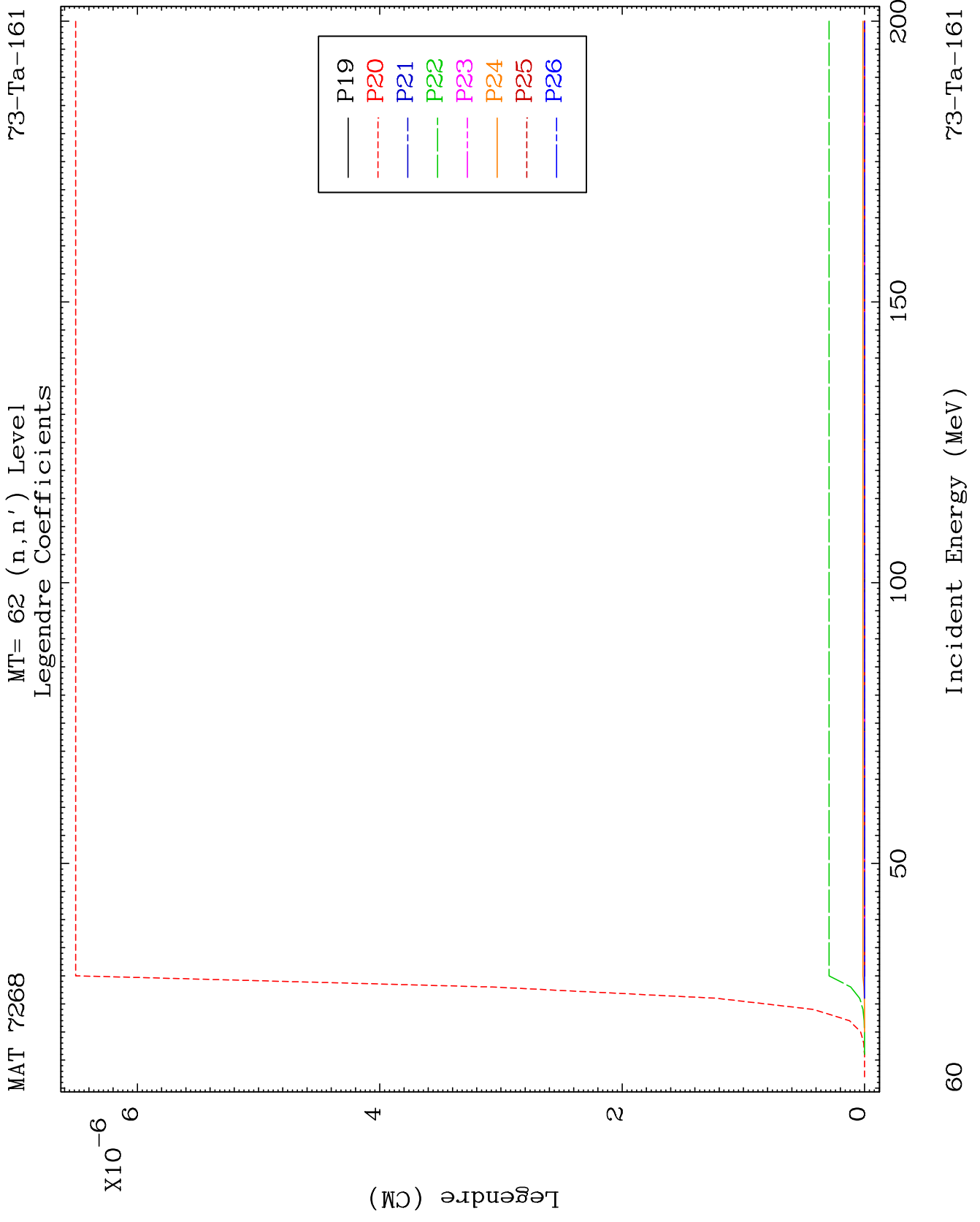
73-Ta-161



59

Incident Energy (MeV)

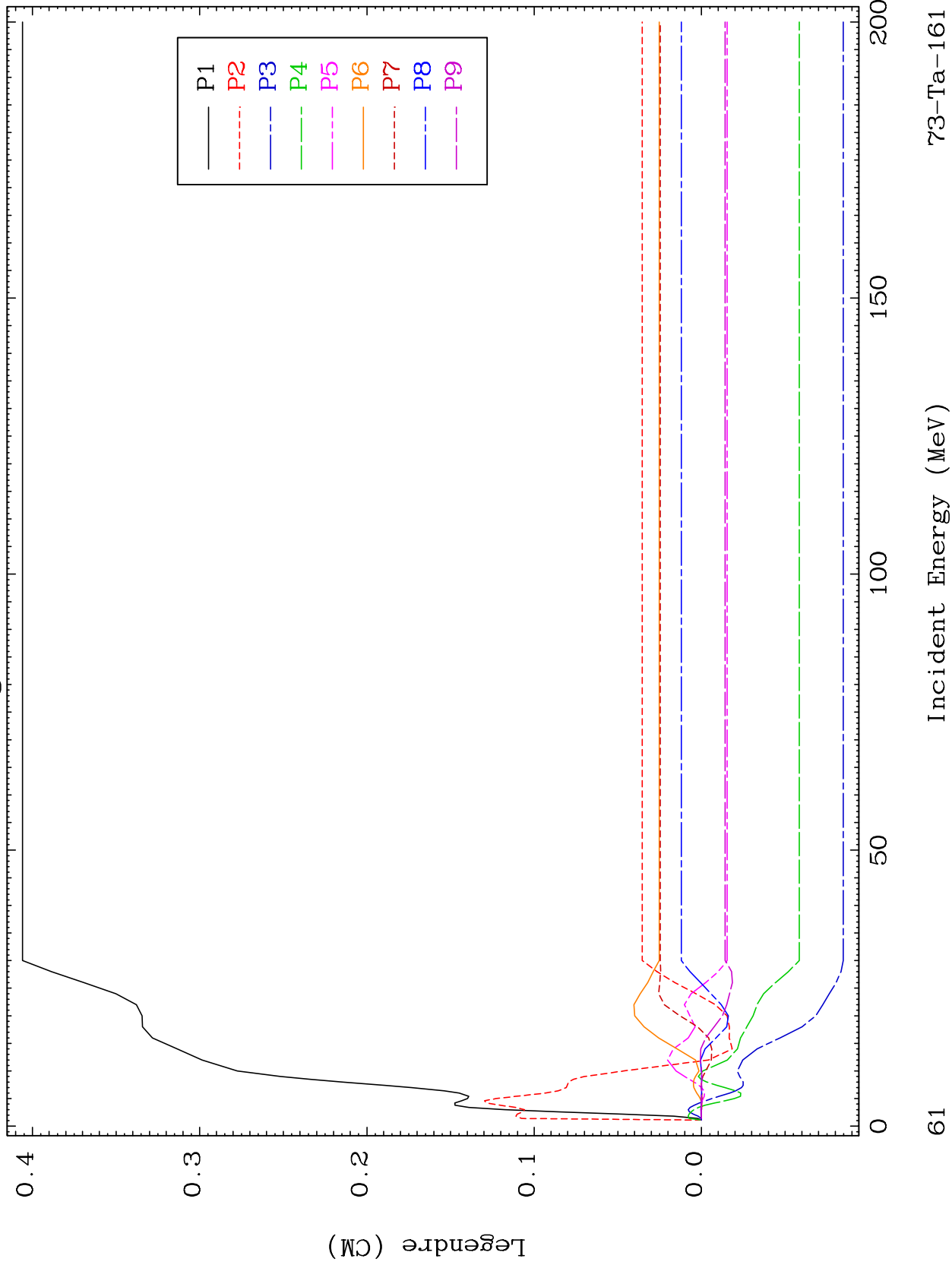
73-Ta-161



MAT 7268

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

73-Ta-161



61

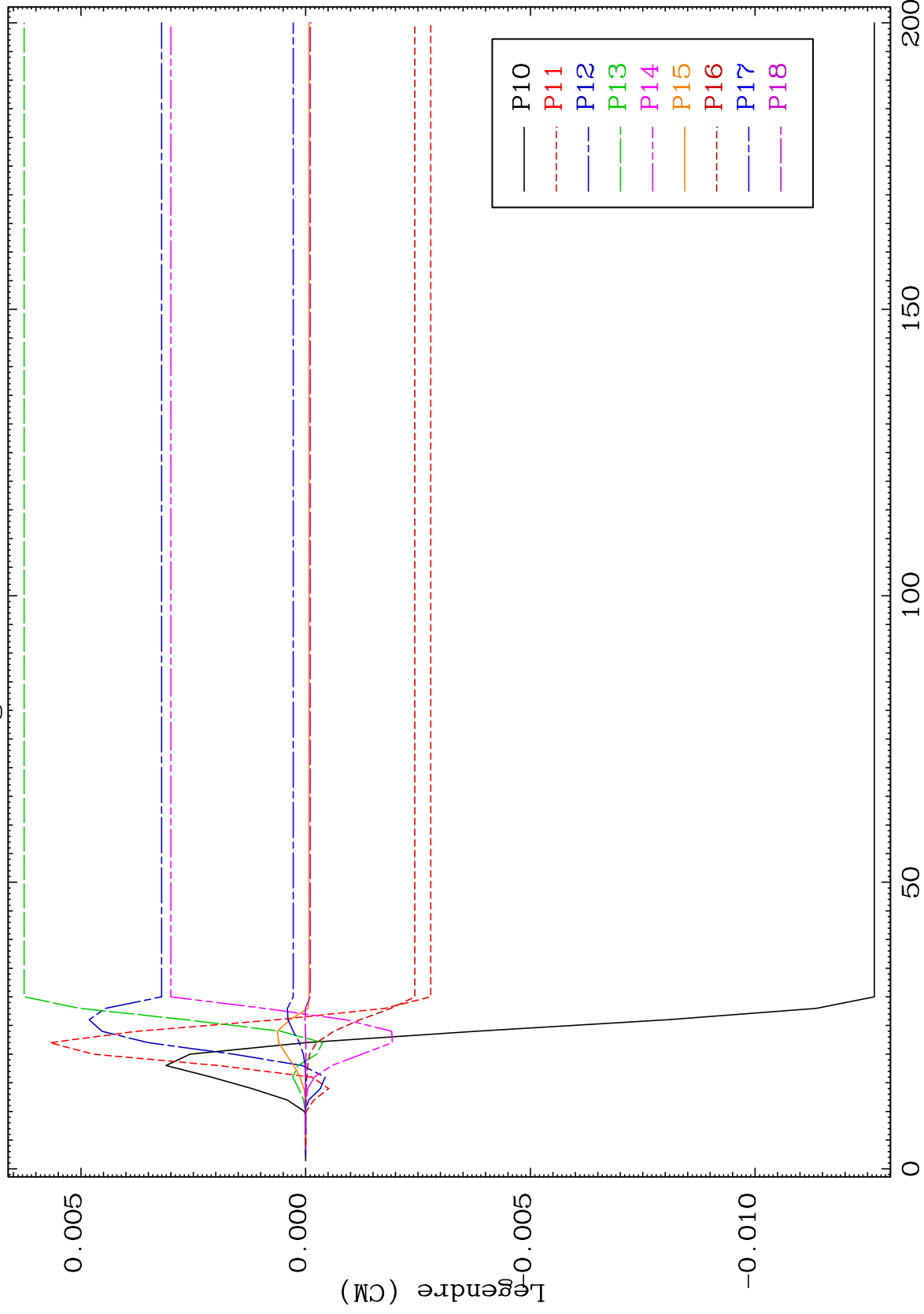
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



62

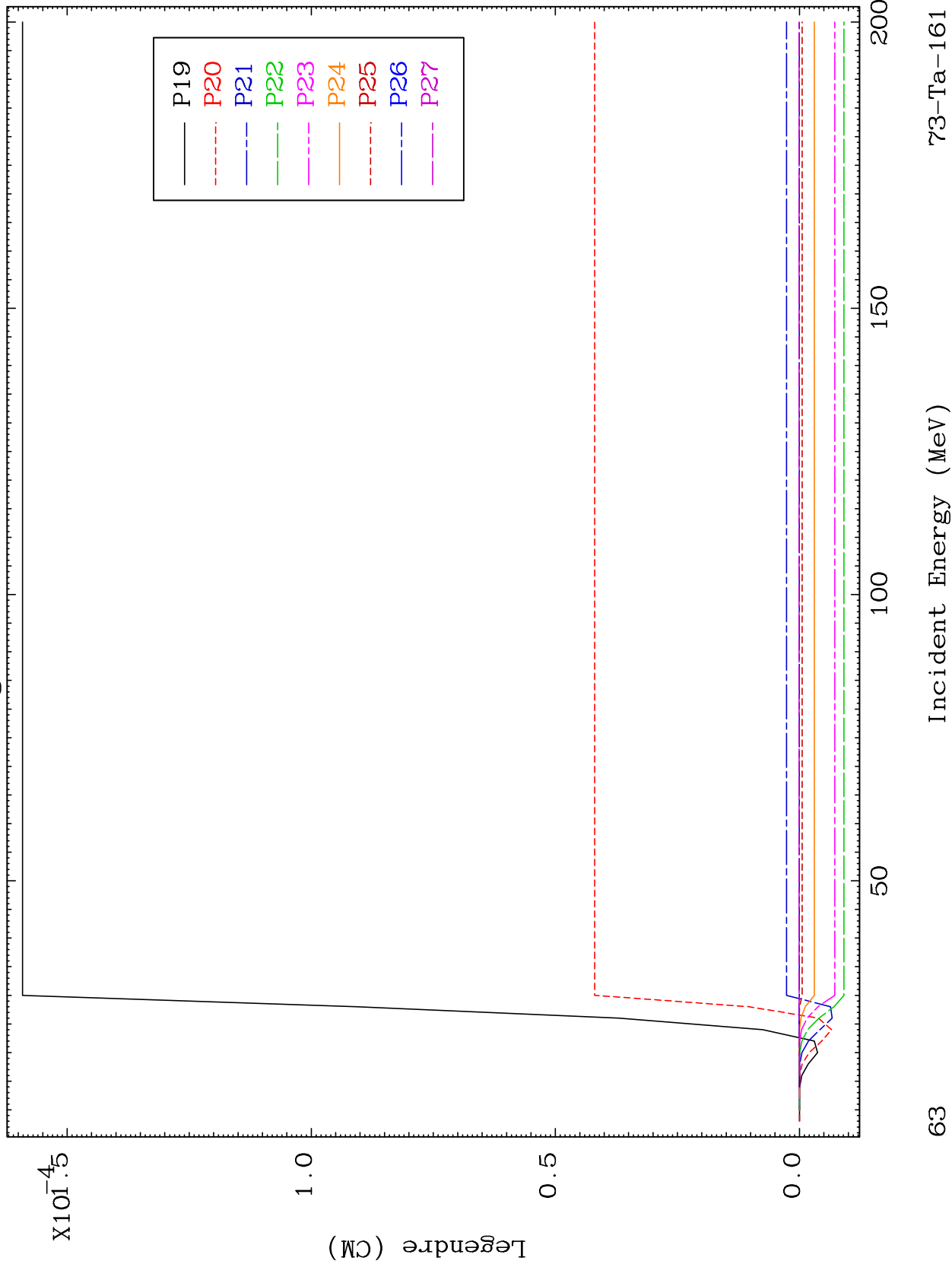
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161

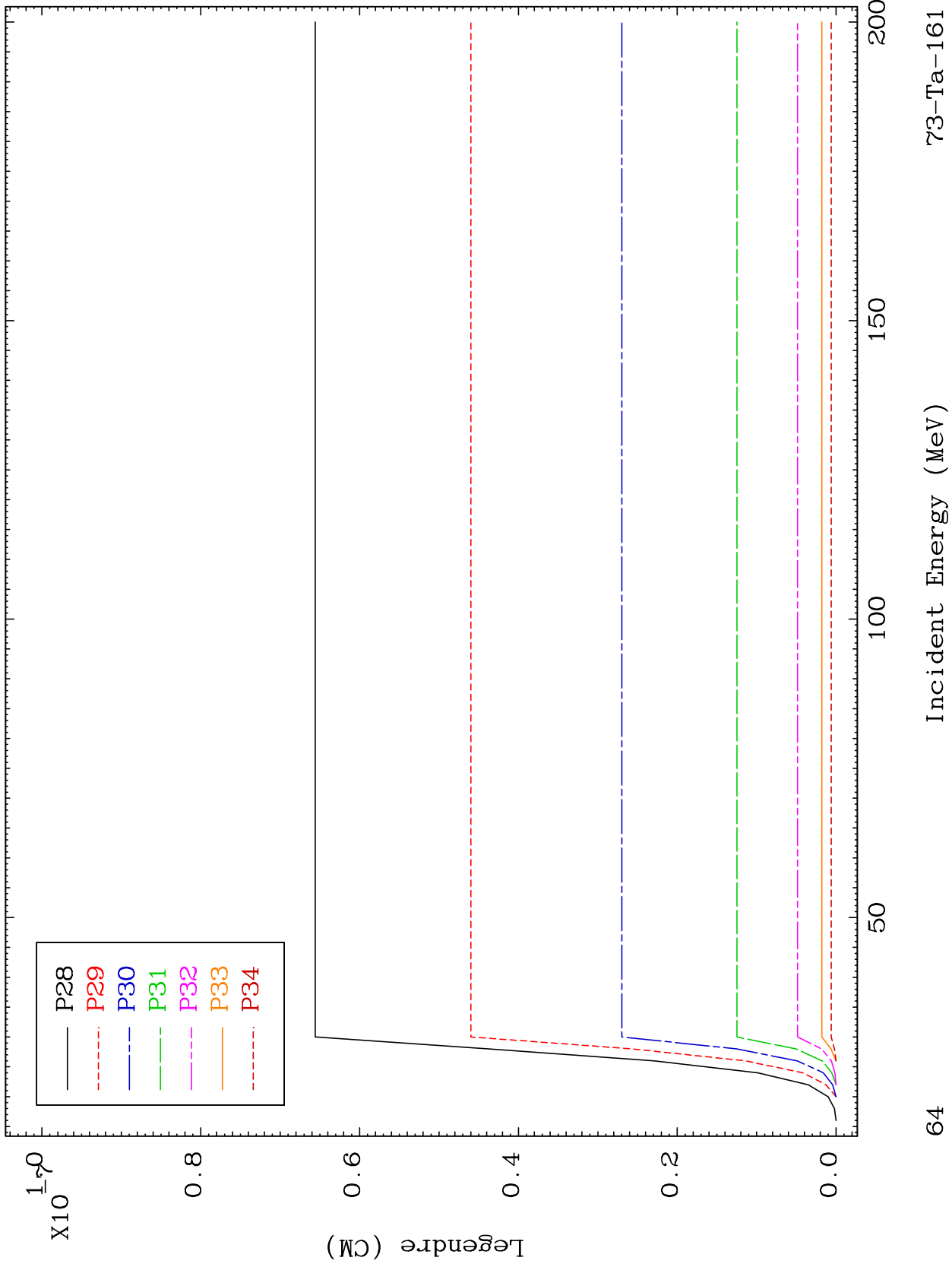


63

MAT 7268

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

73-Ta-161



64

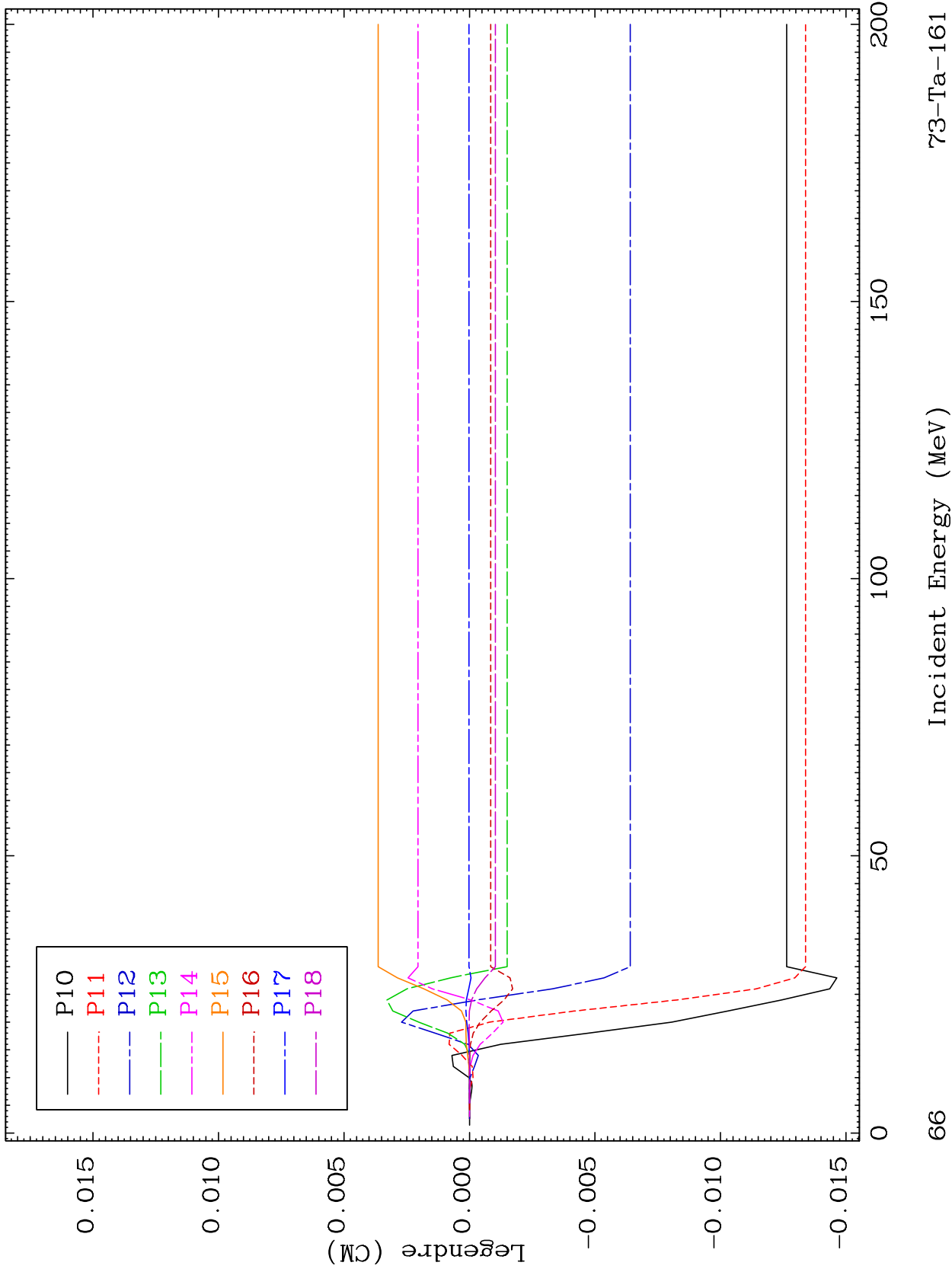
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



66

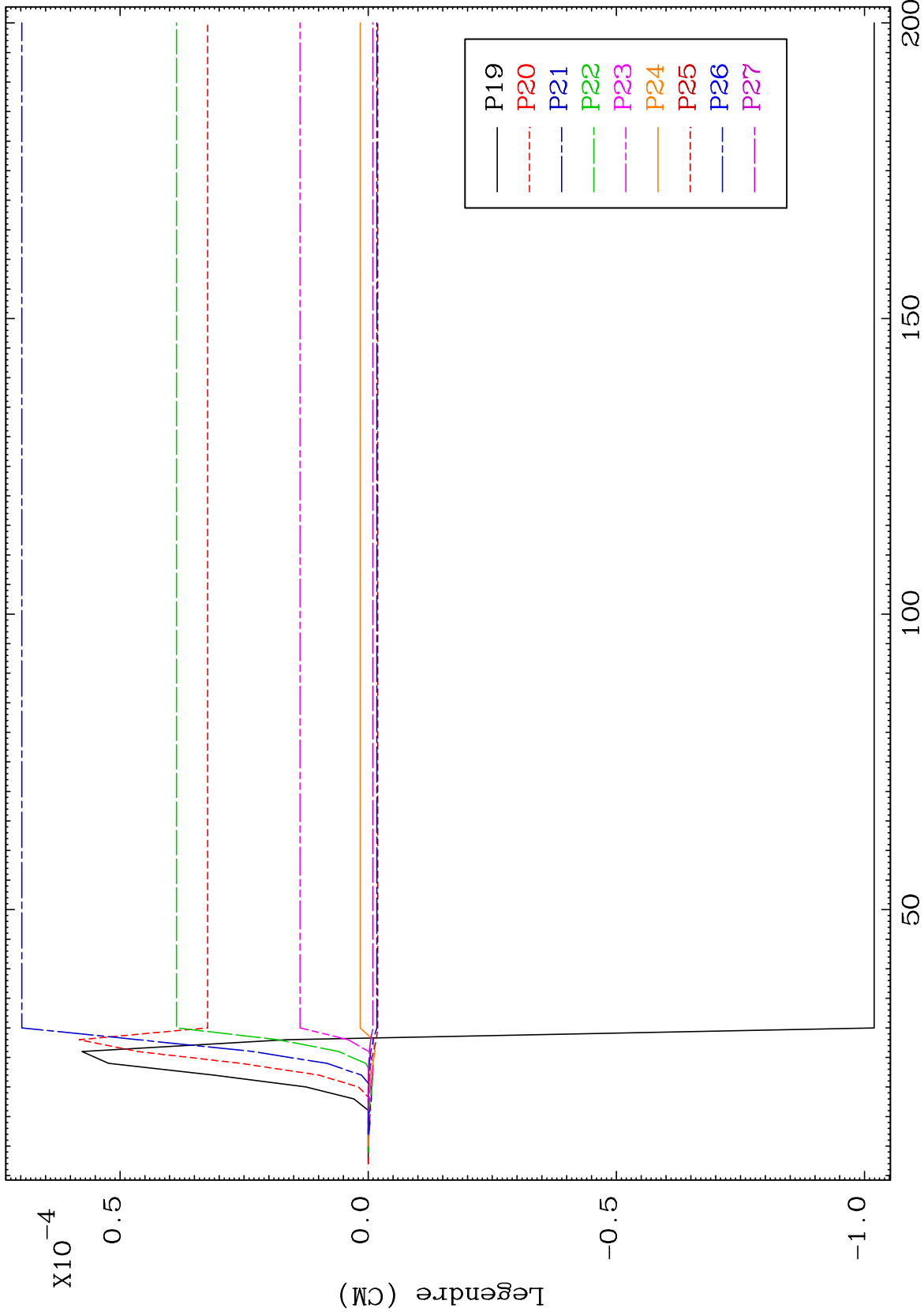
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

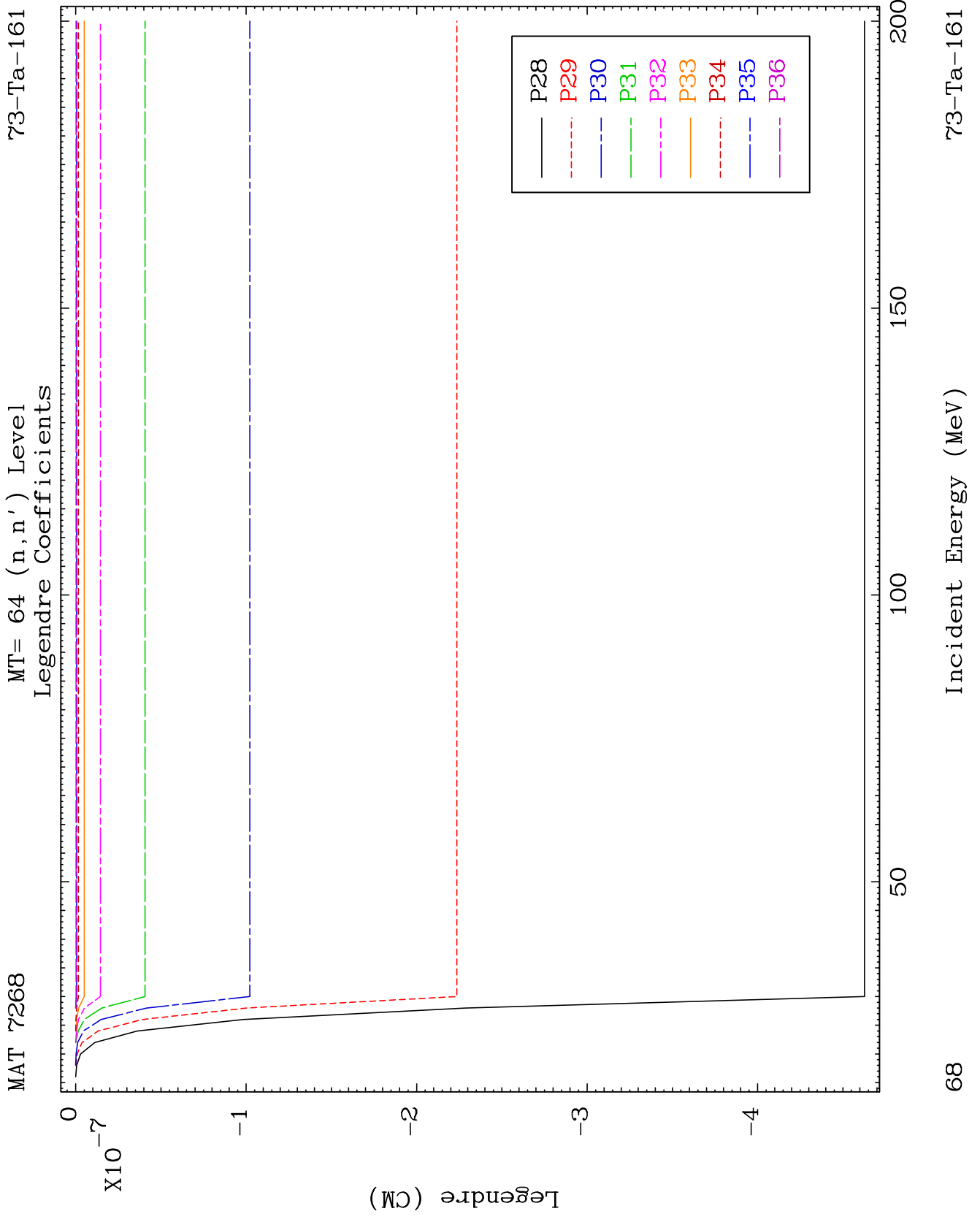
73-Ta-161



67

Incident Energy (MeV)

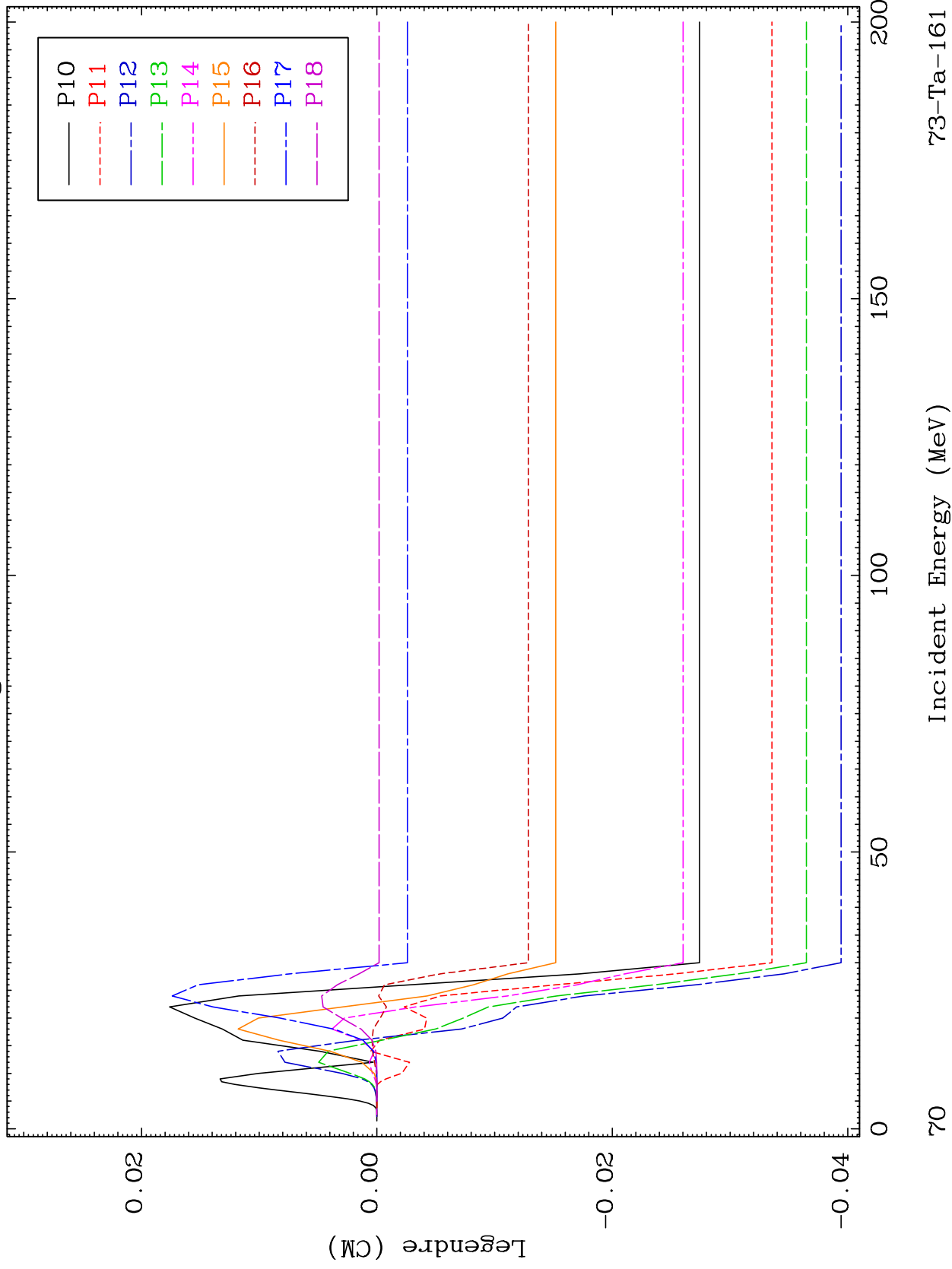
73-Ta-161



MAT 7268

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

73-Ta-161



73-Ta-161

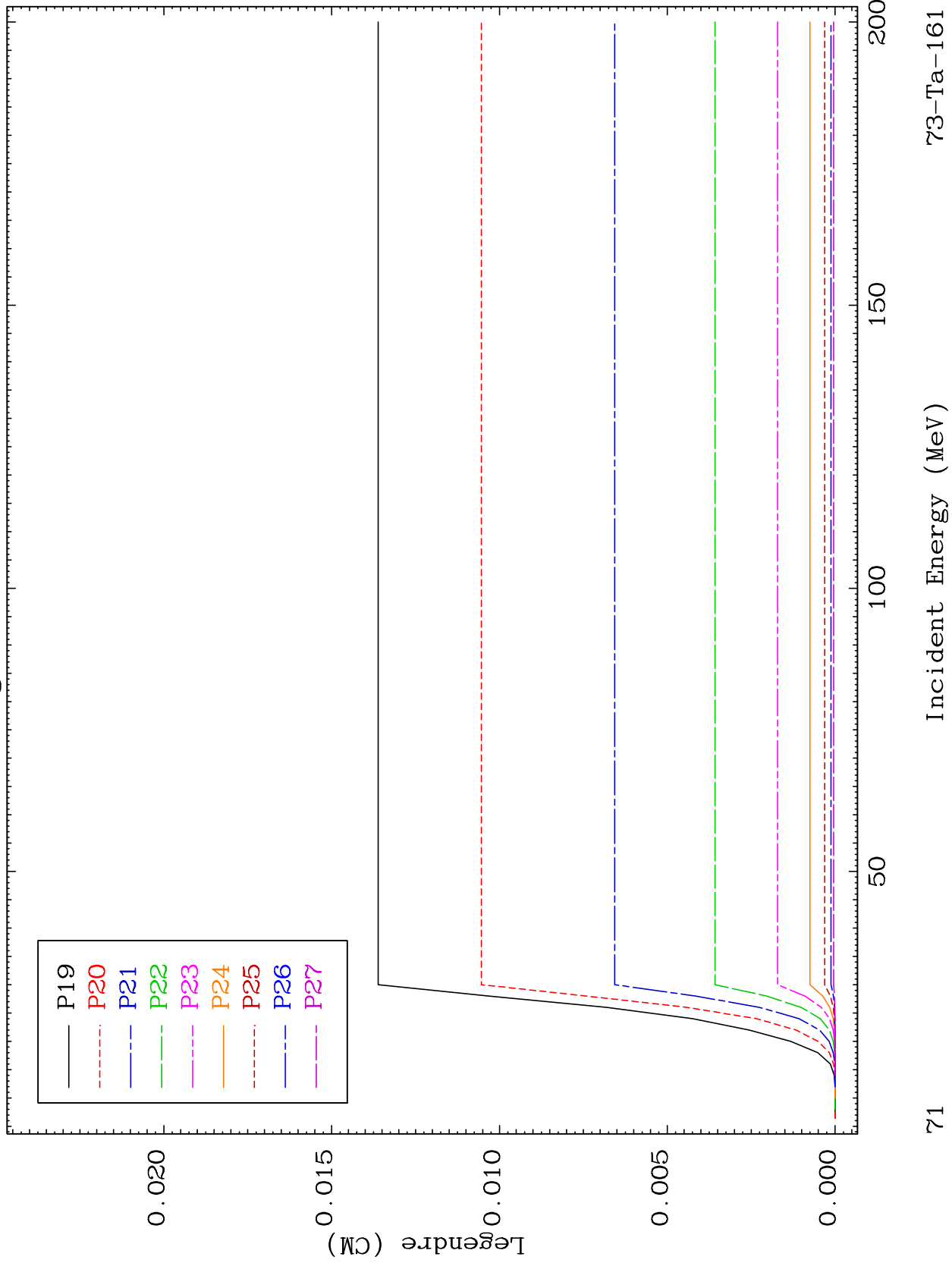
Incident Energy (MeV)

70

MAT 7268

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

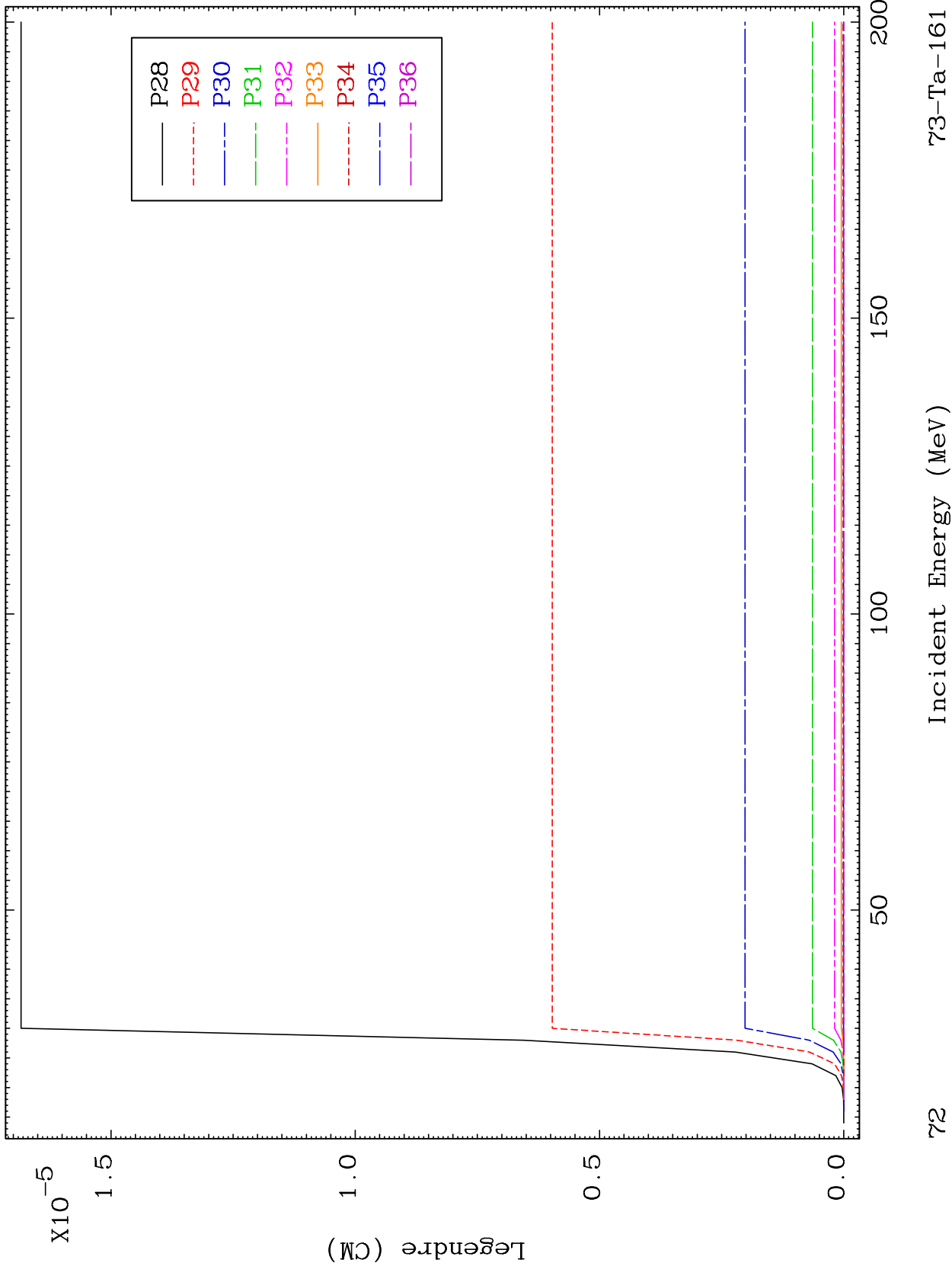
73-Ta-161



MAT 7268

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

73-Ta-161

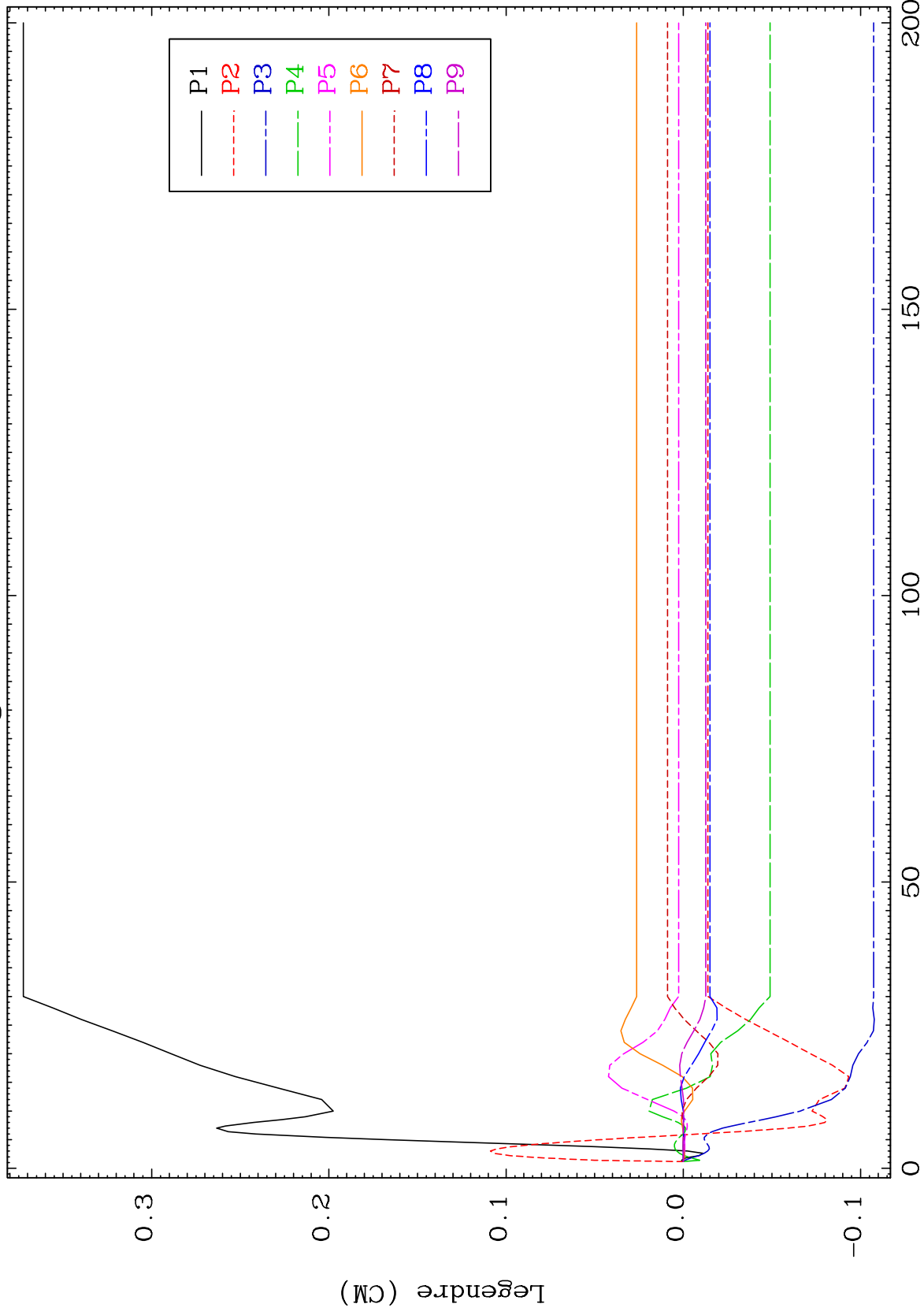


72

MAT 7268

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

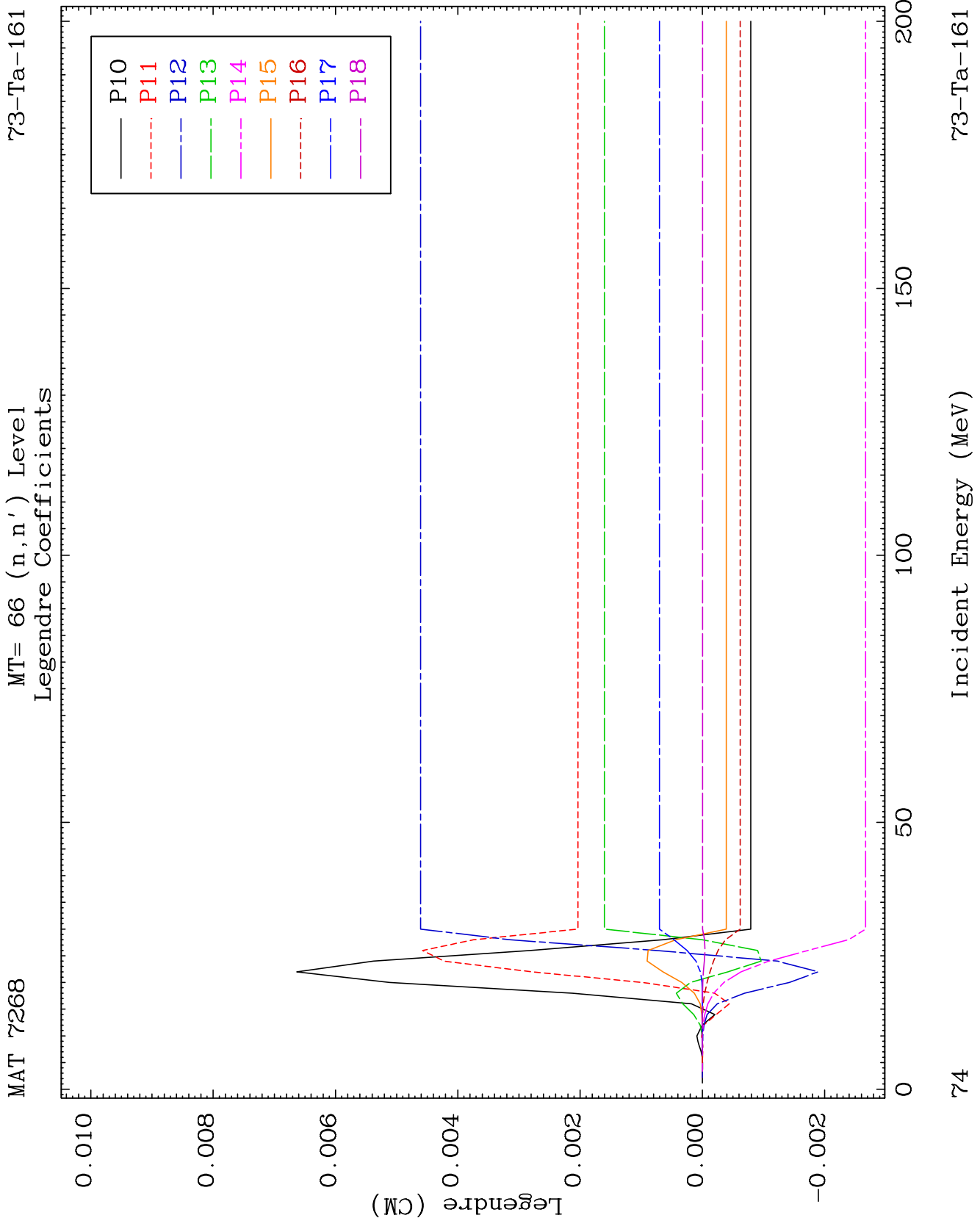
73-Ta-161

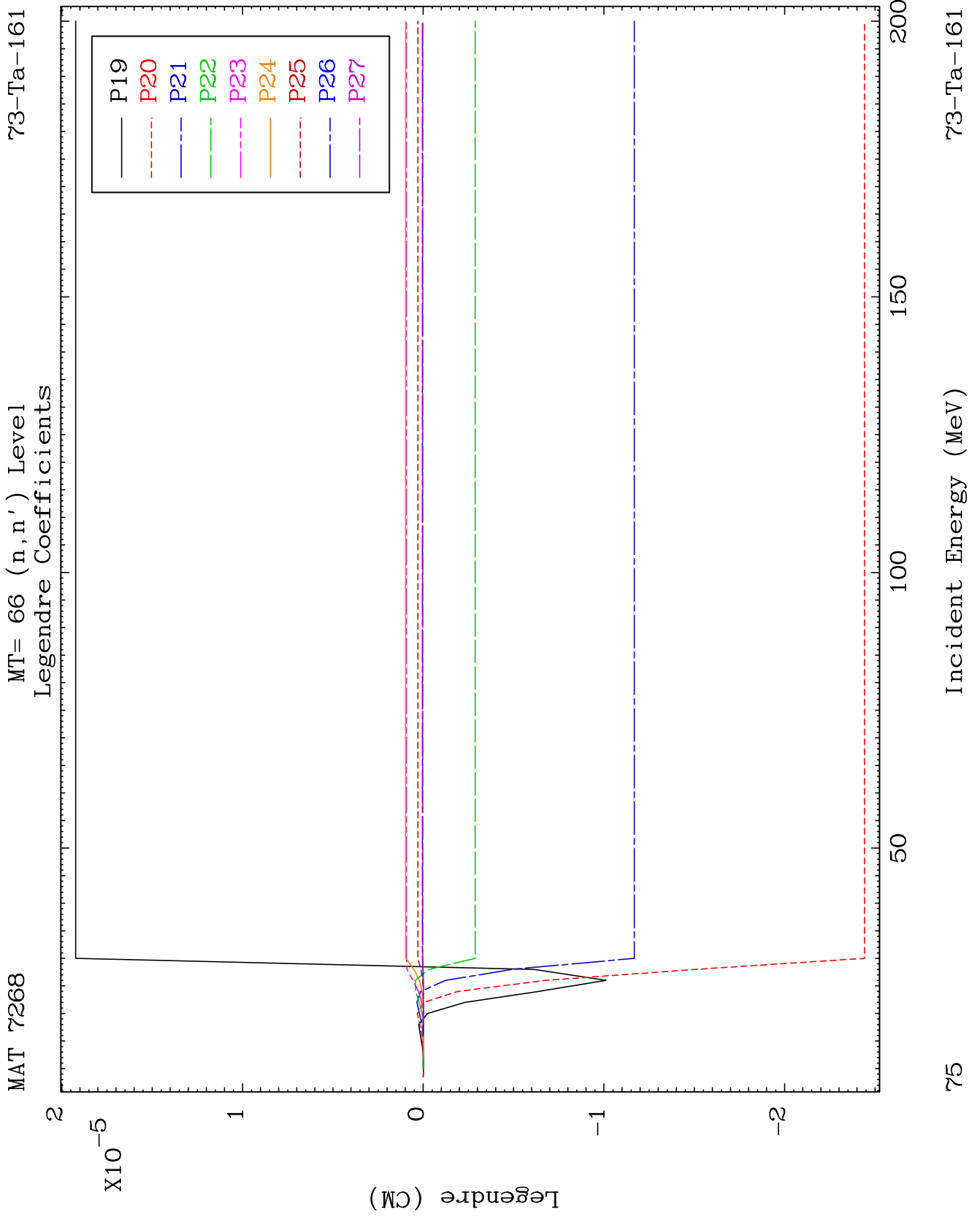


73

Incident Energy (MeV)

73-Ta-161

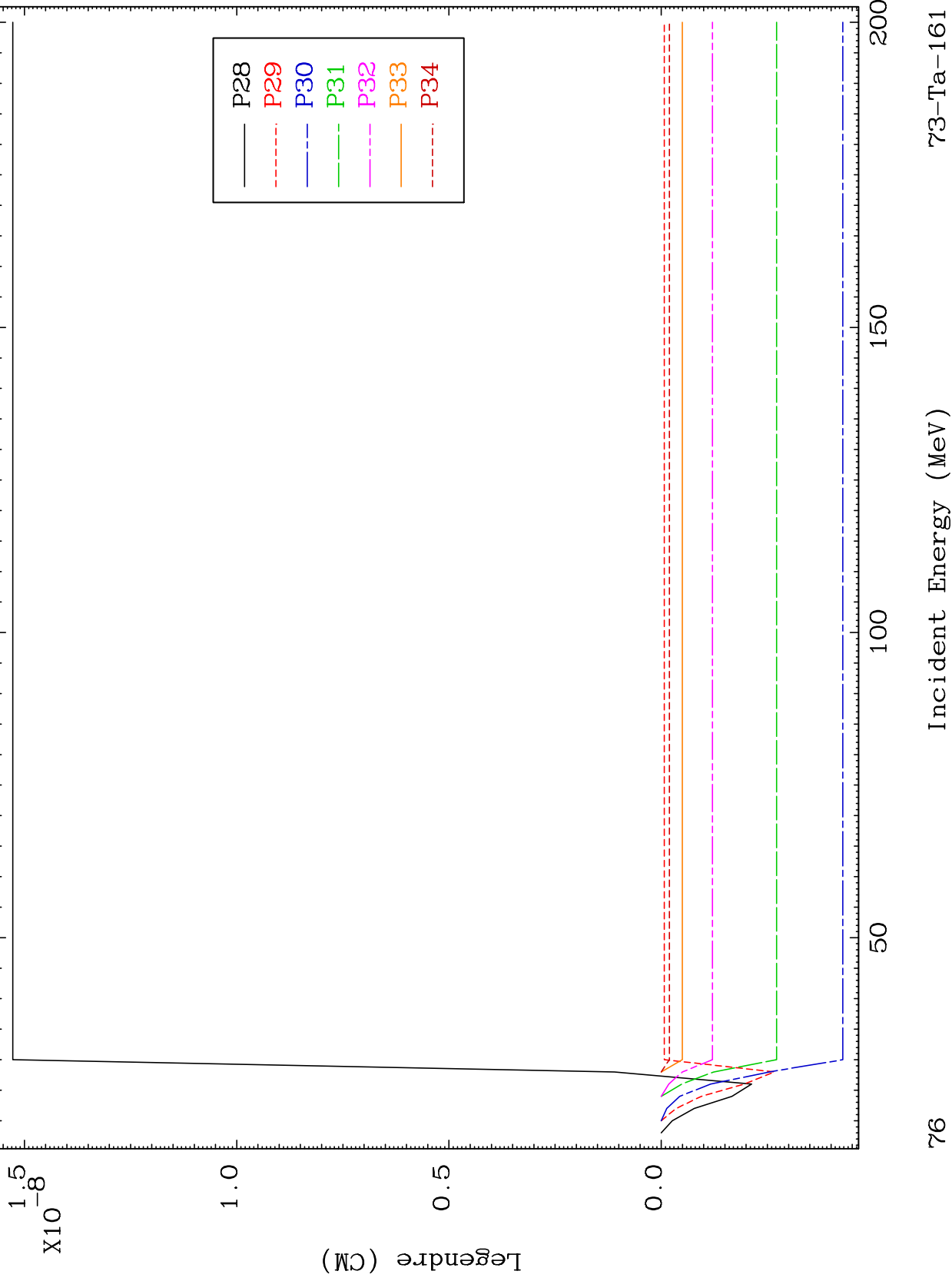




MAT 7268

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

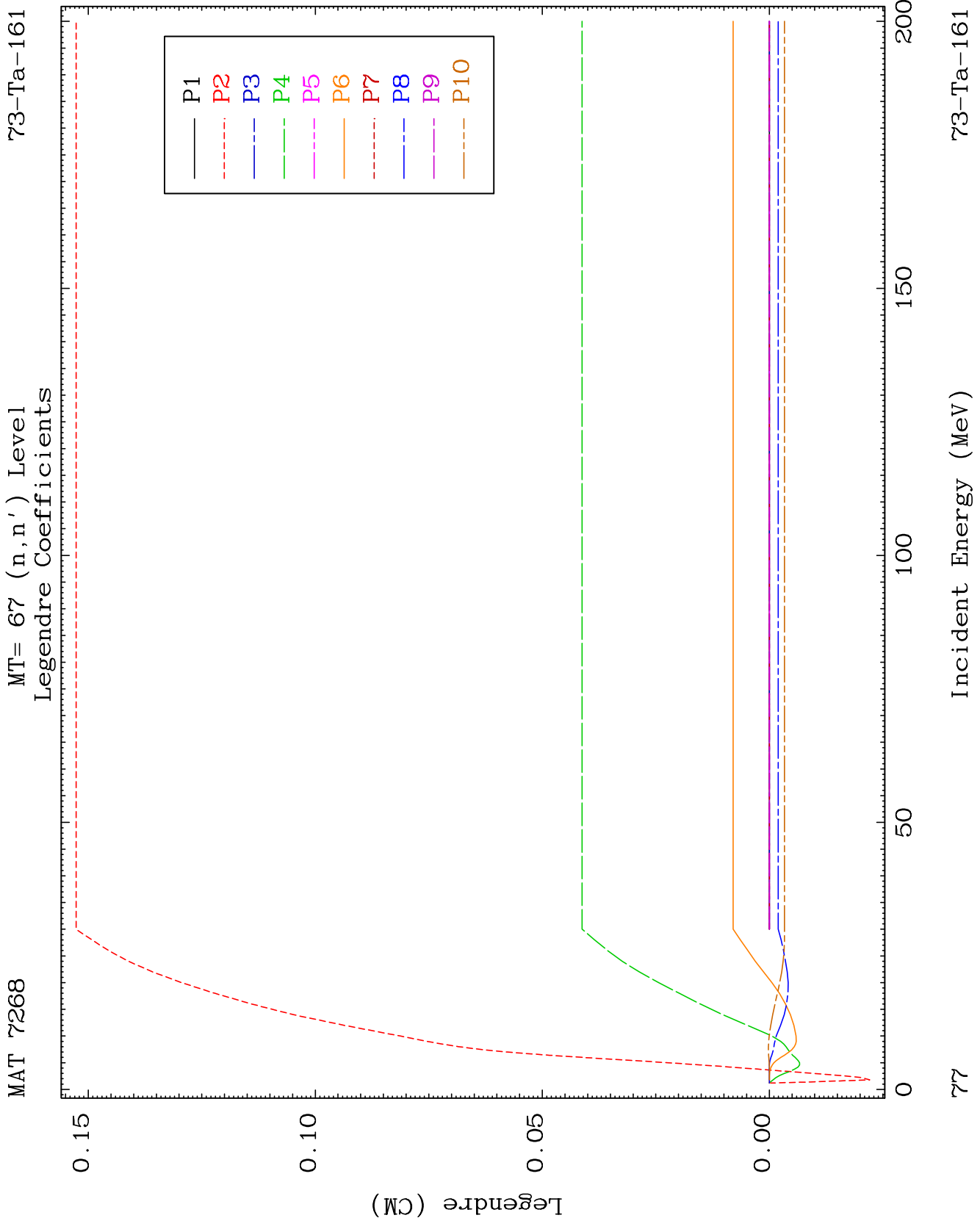
73-Ta-161

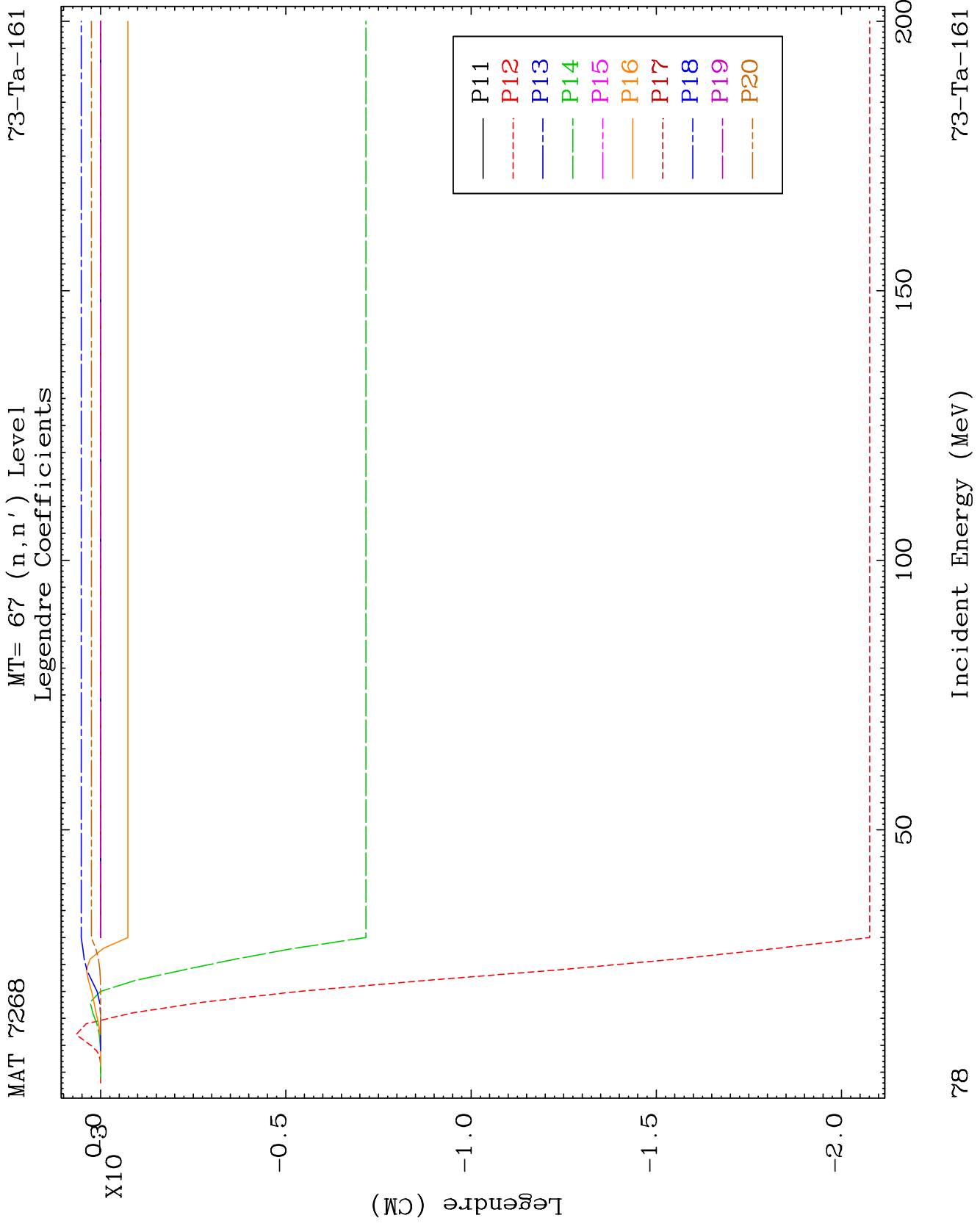


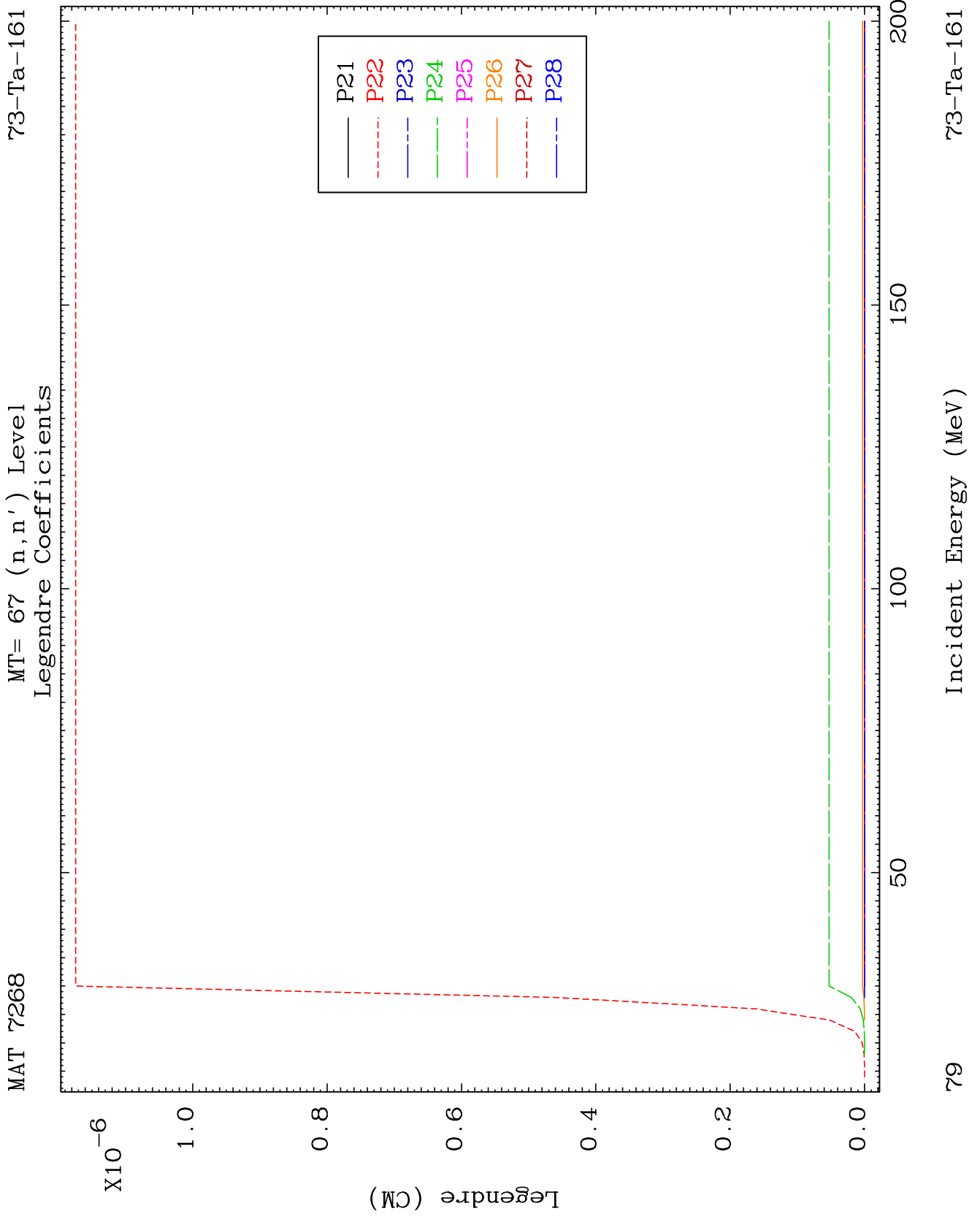
76

Incident Energy (MeV)

73-Ta-161



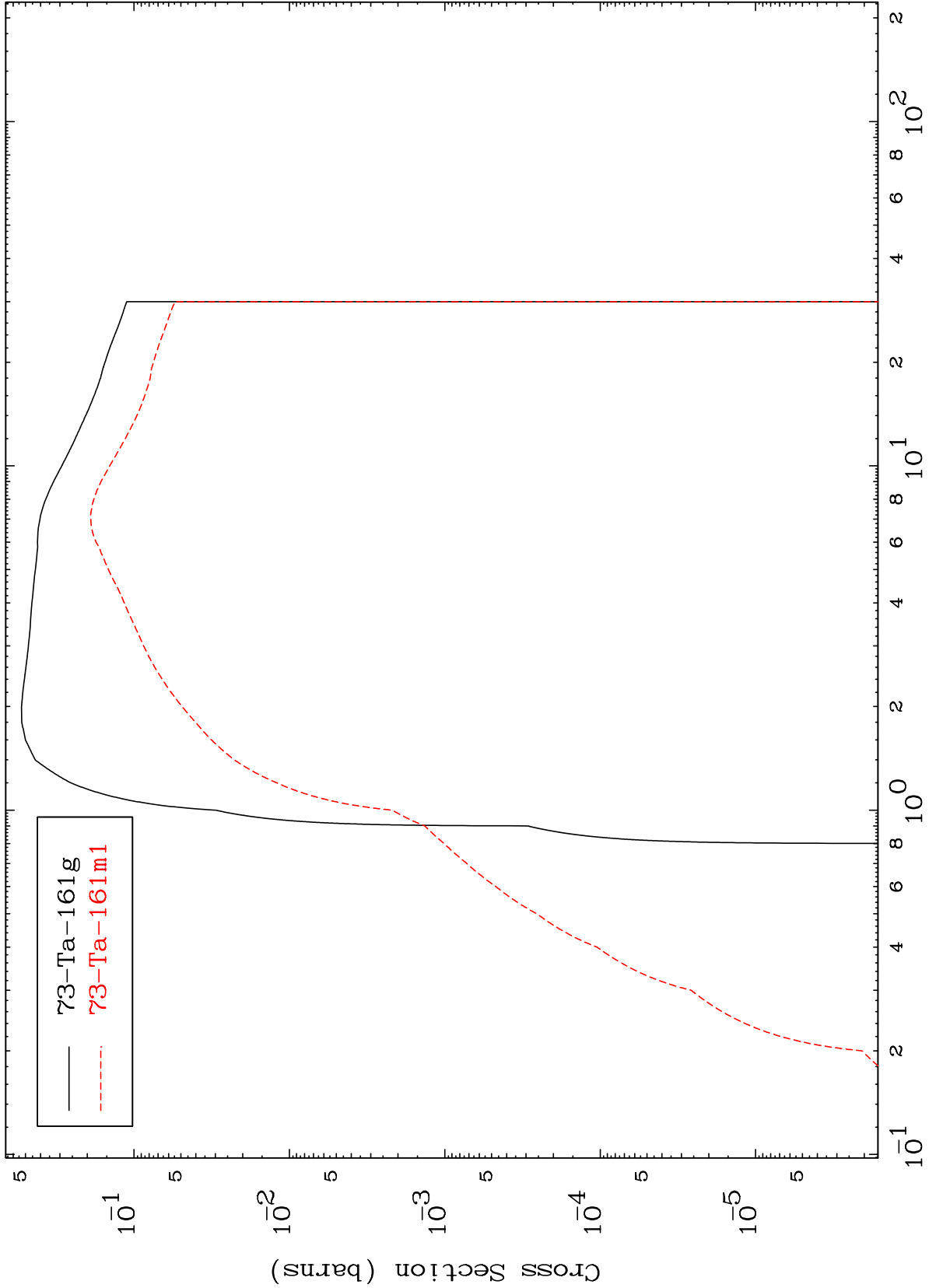




MAT 7268

⁷³Ta-161

Inelastic
Radionuclide Production Cross Section



— ⁷³Ta-161g
- - - ⁷³Ta-161m1

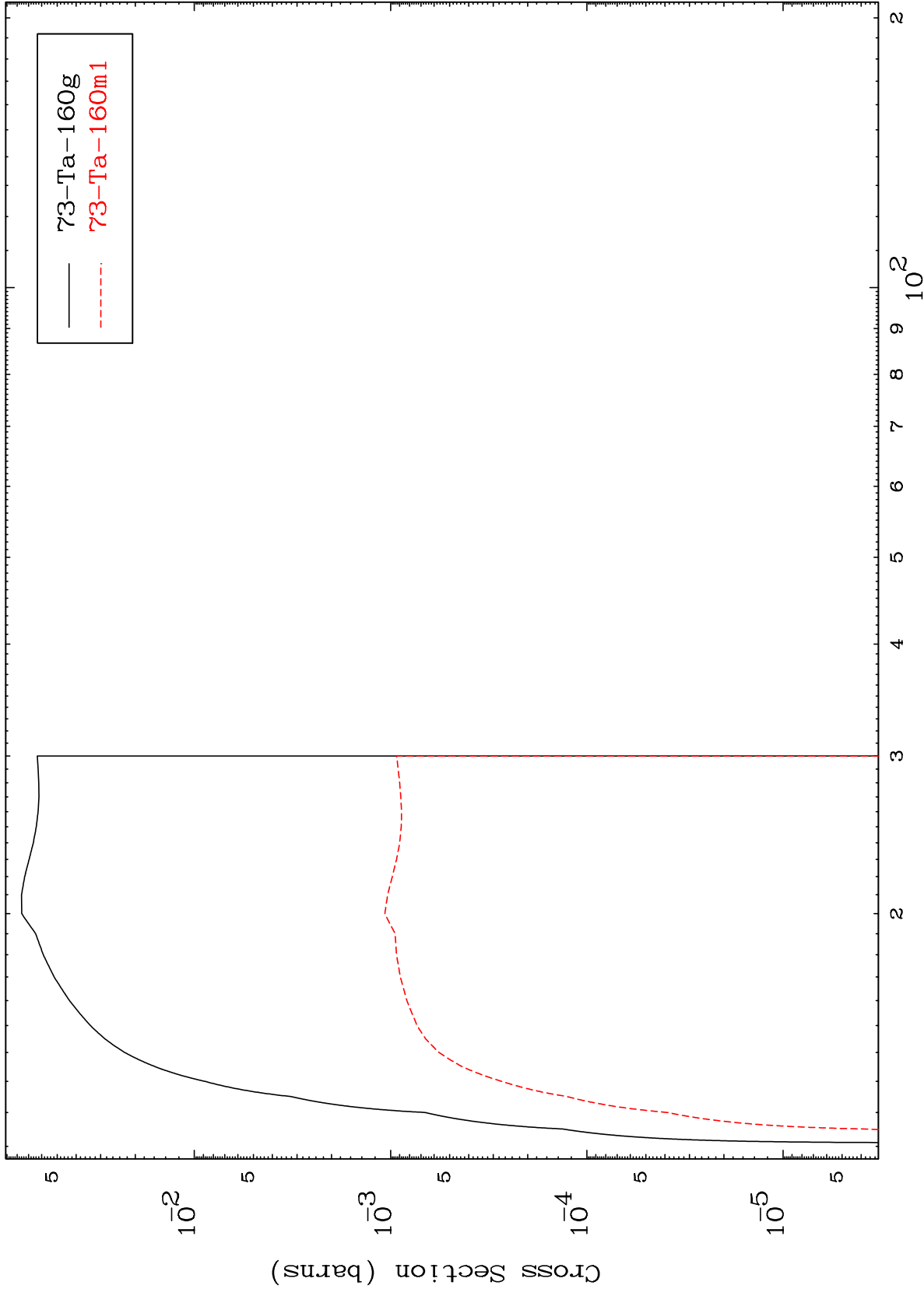
⁷³Ta-161

Incident Energy (MeV)

80

(n,2n)

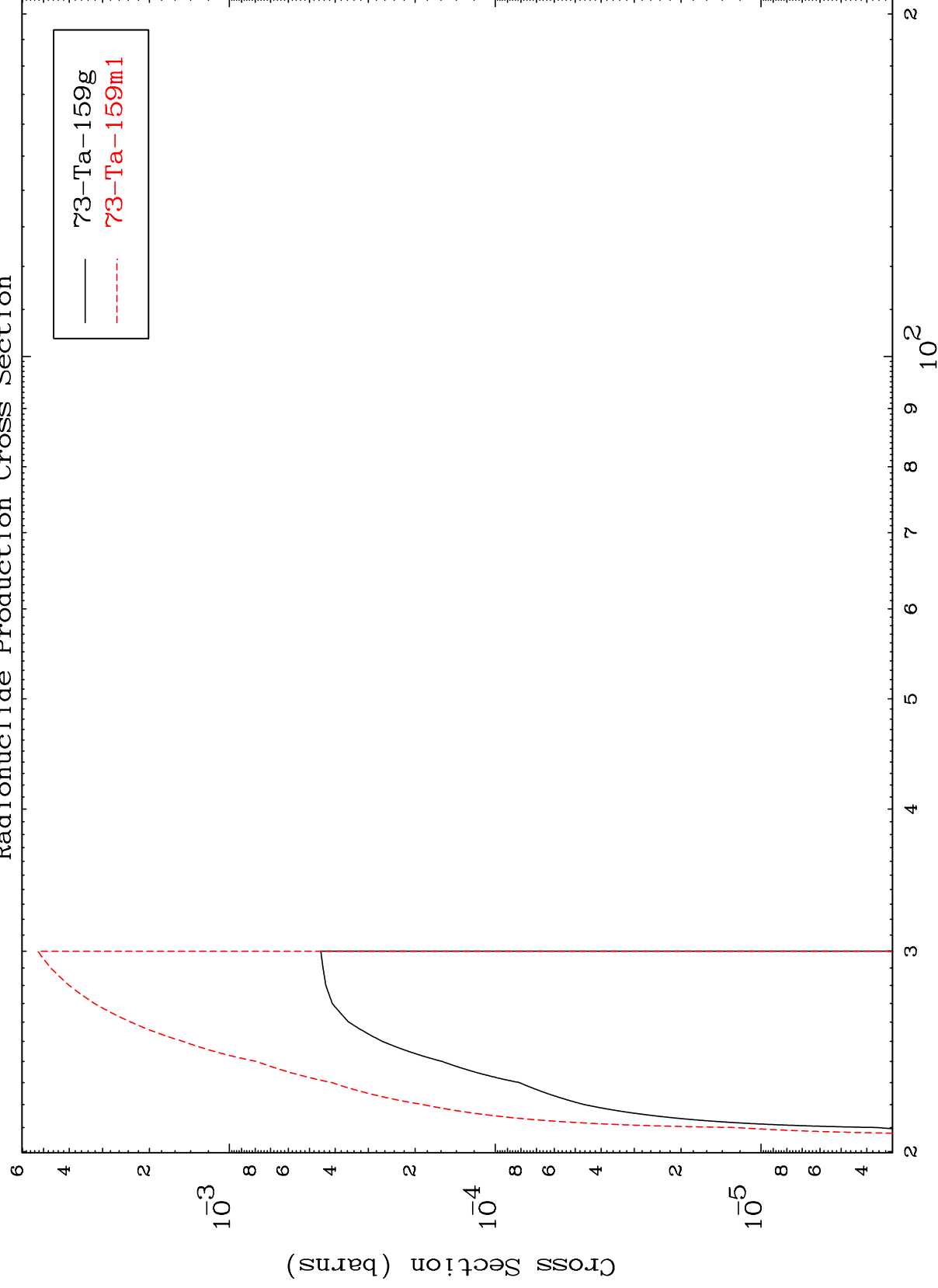
Radionuclide Production Cross Section



MAT 7268

⁷³Ta-161

(n,3n)
Radionuclide Production Cross Section



— ⁷³Ta-159g
- - - ⁷³Ta-159m1

82

⁷³Ta-161

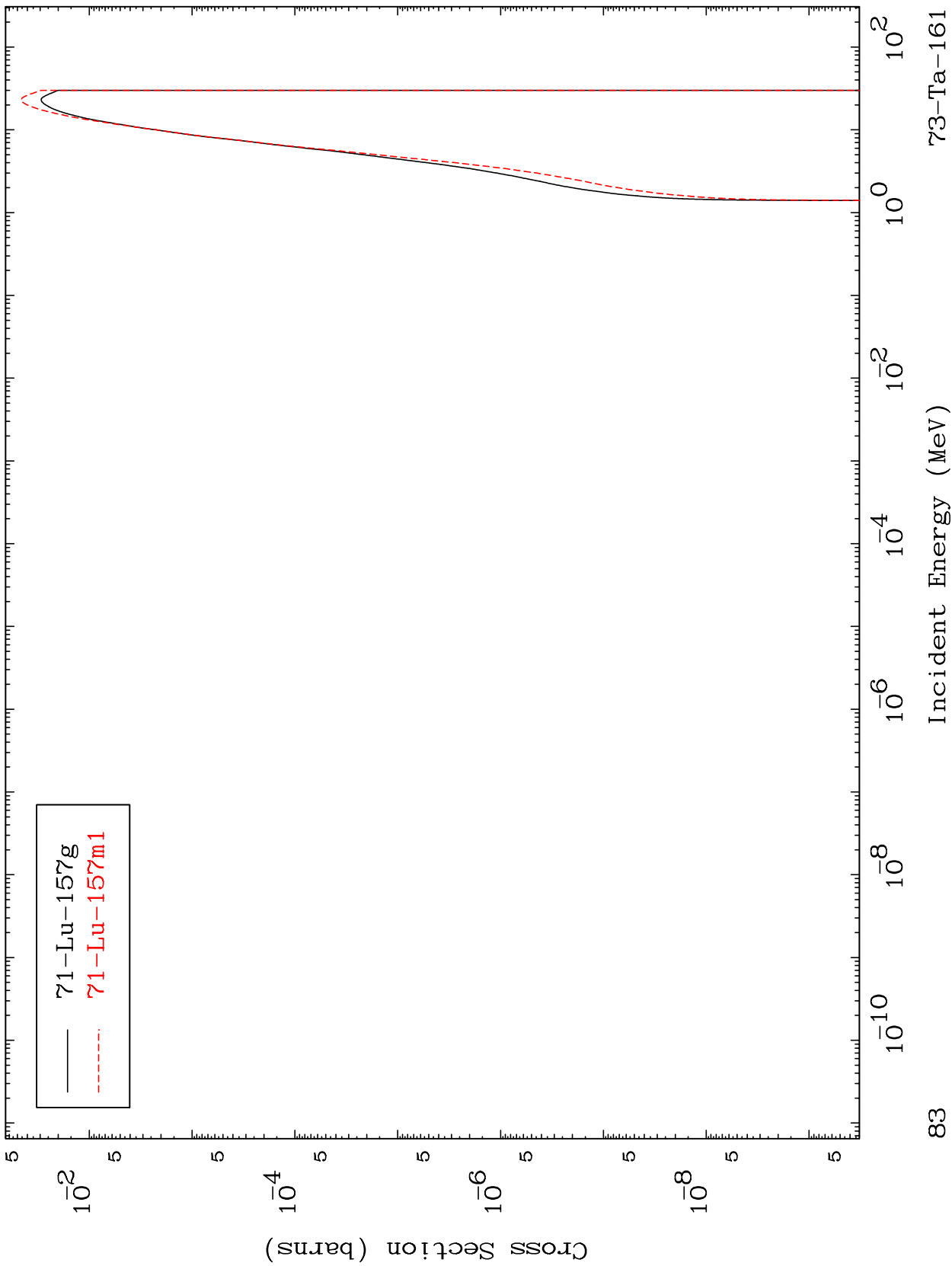
Incident Energy (MeV)

MAT 7268

$(n, n') \alpha$

$^{73}\text{Ta-161}$

Radionuclide Production Cross Section



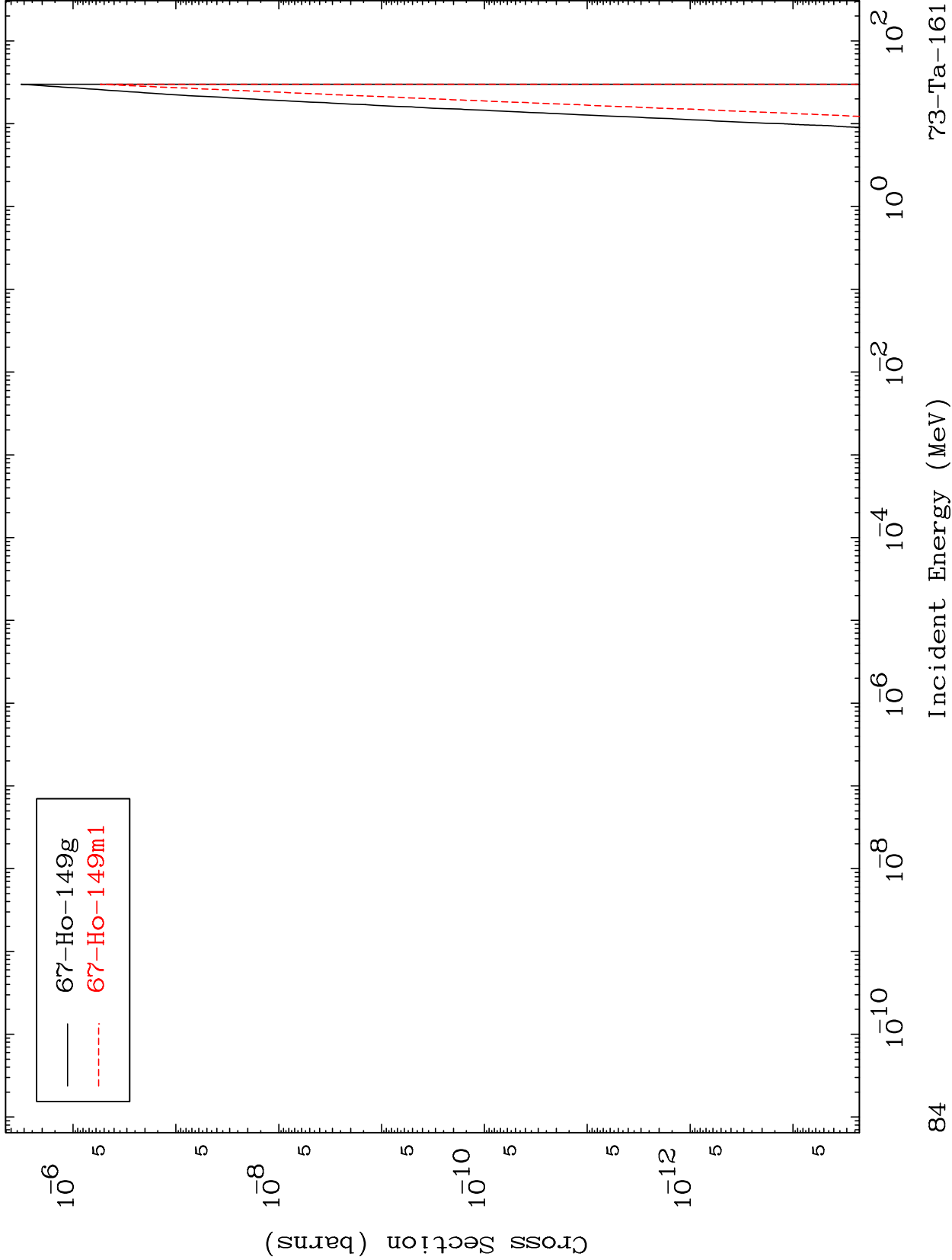
71-Lu-157g
71-Lu-157m1

MAT 7268

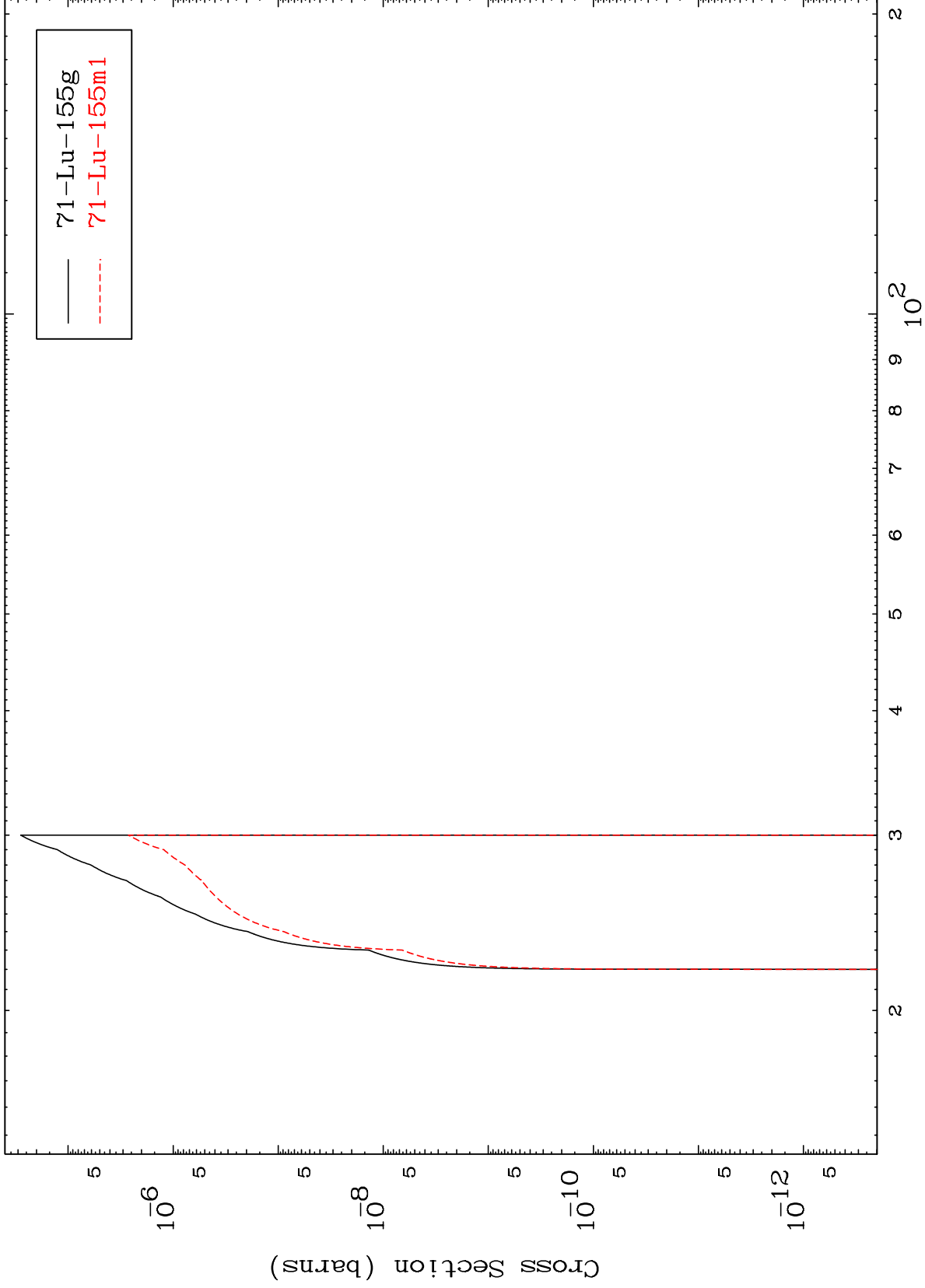
(n,n') 3 α

⁷³Ta-161

Radionuclide Production Cross Section



Radionuclide Production Cross Section

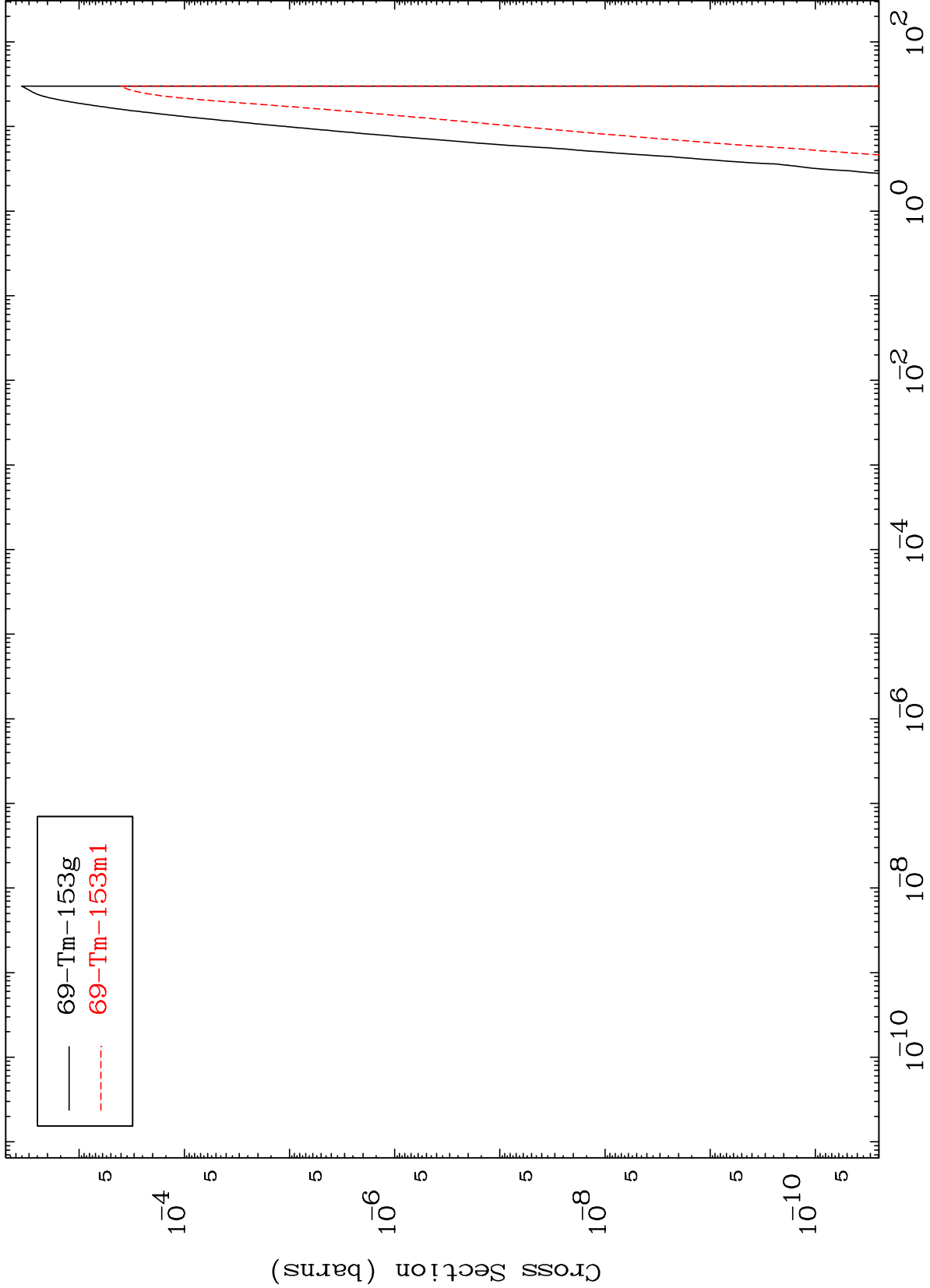


MAT 7268

(n,n') 2 α

73-Ta-161

Radionuclide Production Cross Section



86

Incident Energy (MeV)

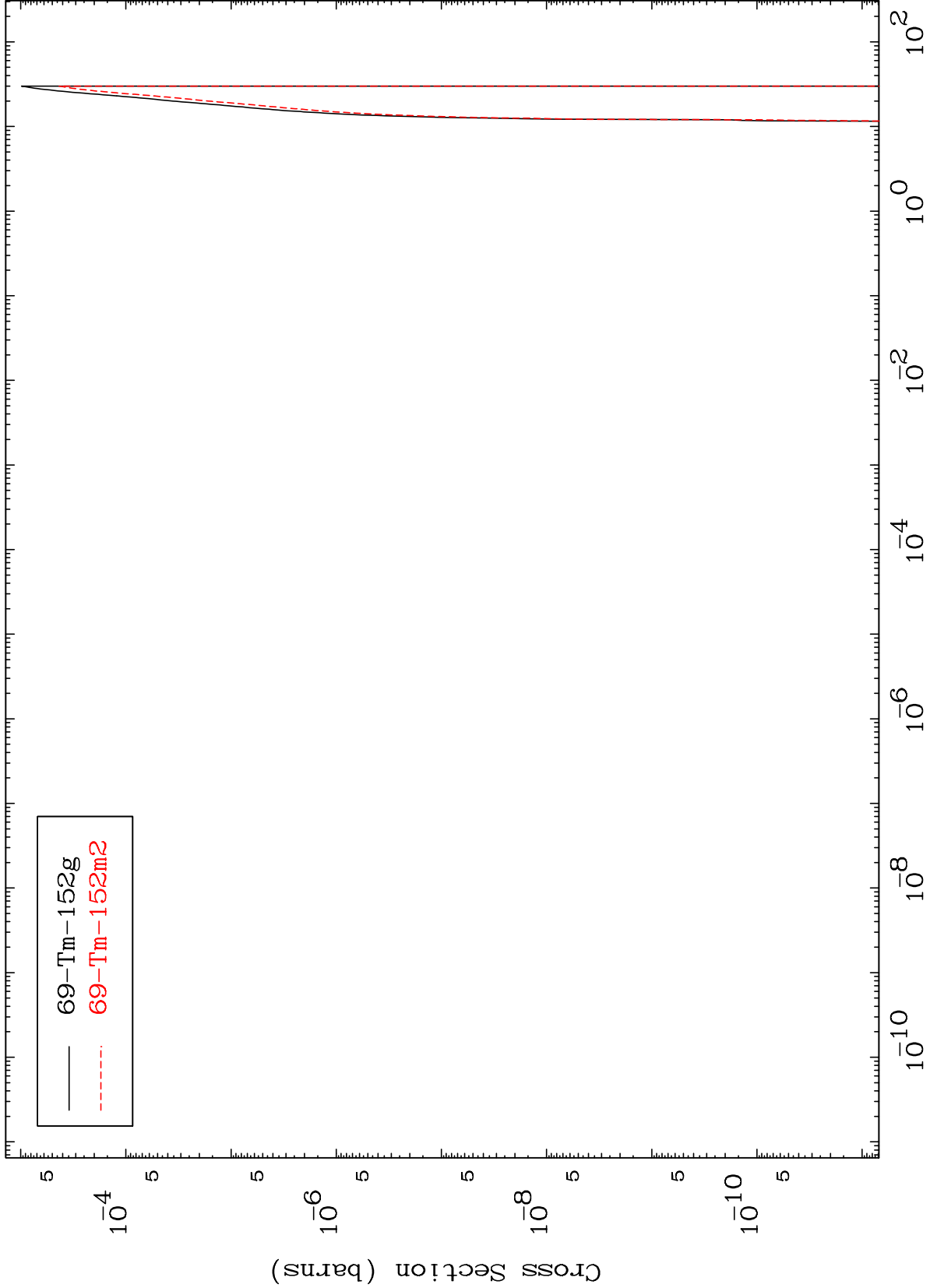
73-Ta-161

MAT 7268

(n,2n) 2α

73-Ta-161

Radionuclide Production Cross Section



87

Incident Energy (MeV)

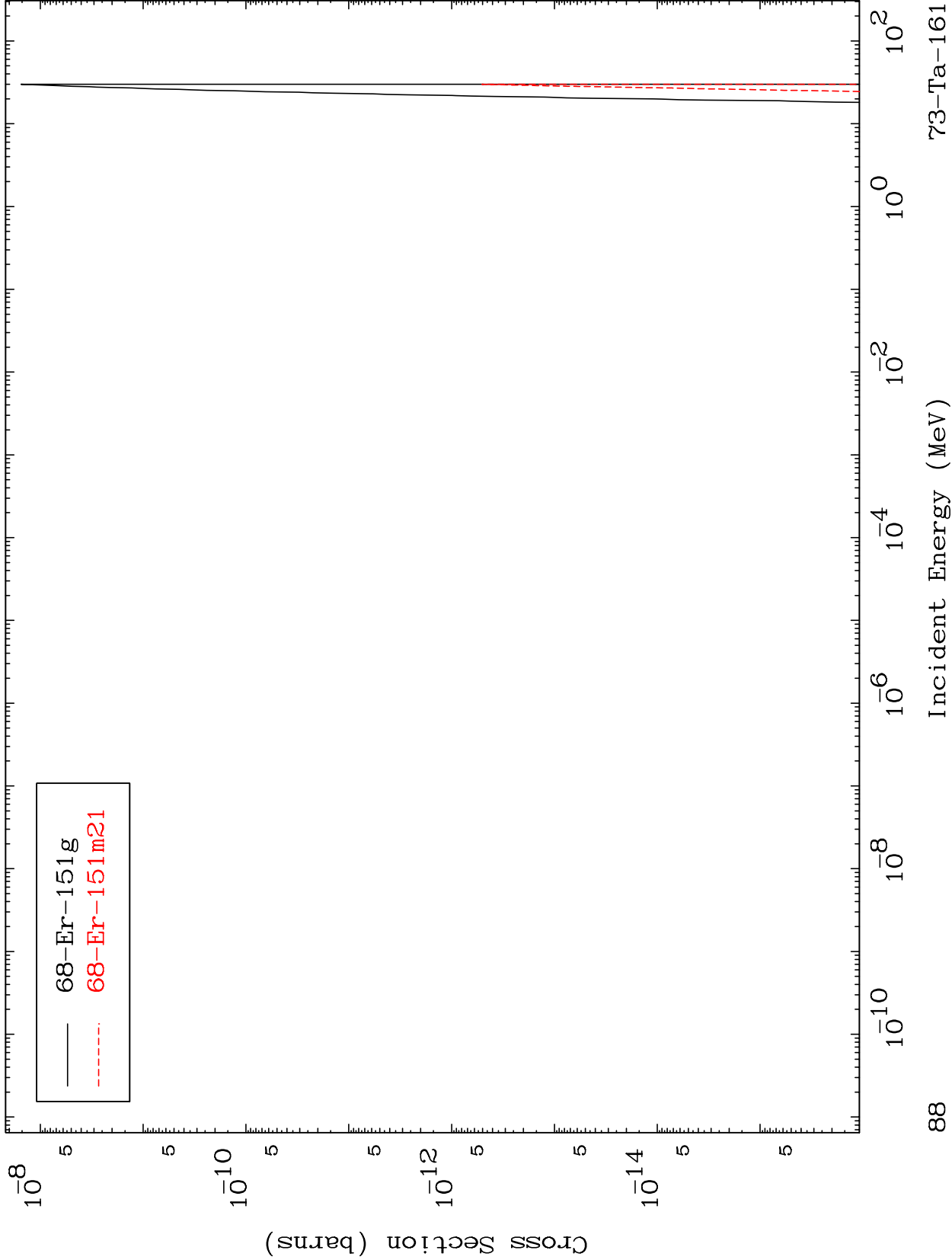
73-Ta-161

MAT 7268

(n,n') d,2 α

⁷³Ta-161

Radionuclide Production Cross Section

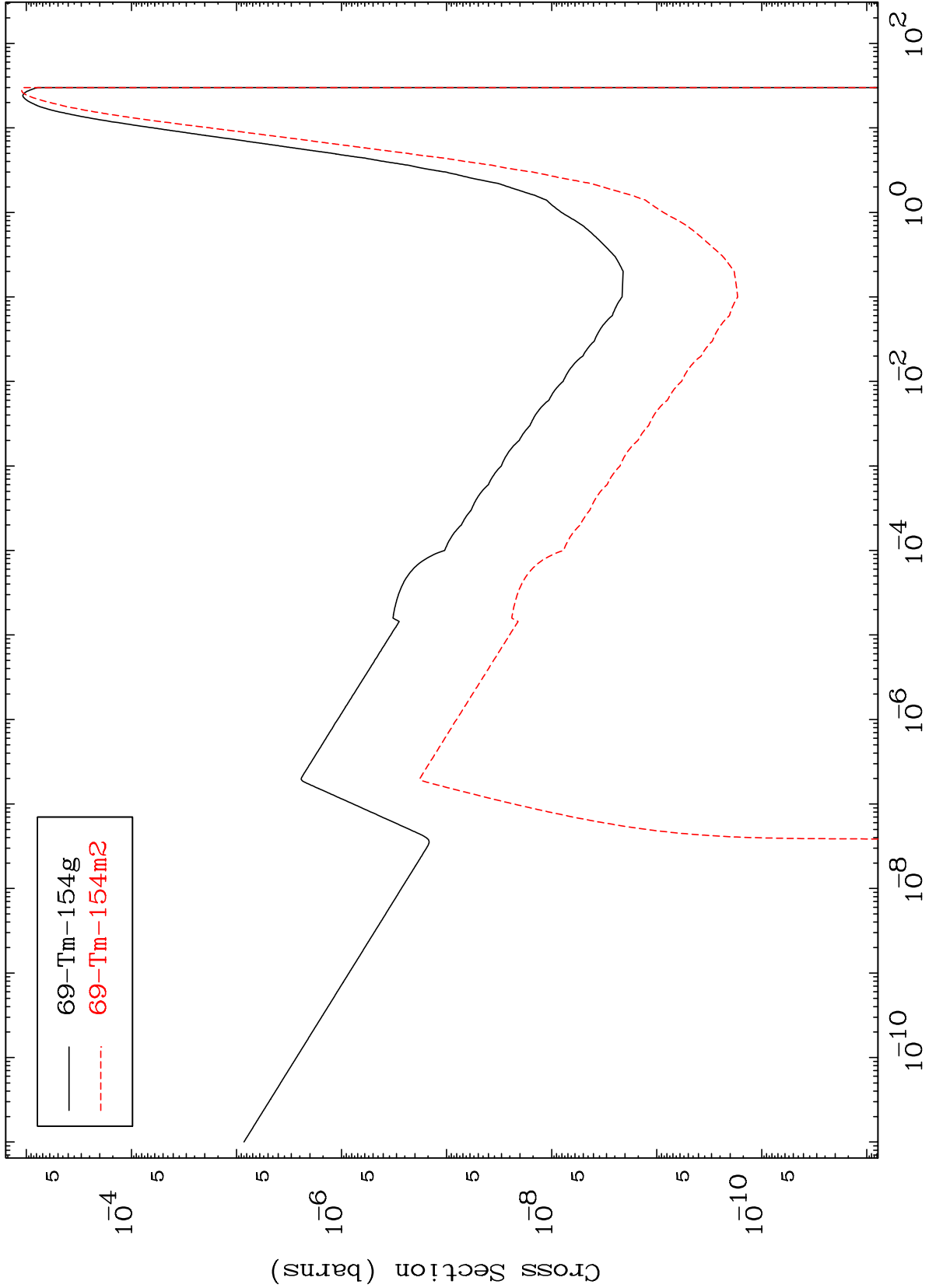


MAT 7268

(n,2α)

73-Ta-161

Radionuclide Production Cross Section



— 69-Tm-154g
- - - 69-Tm-154m2

89

Incident Energy (MeV)

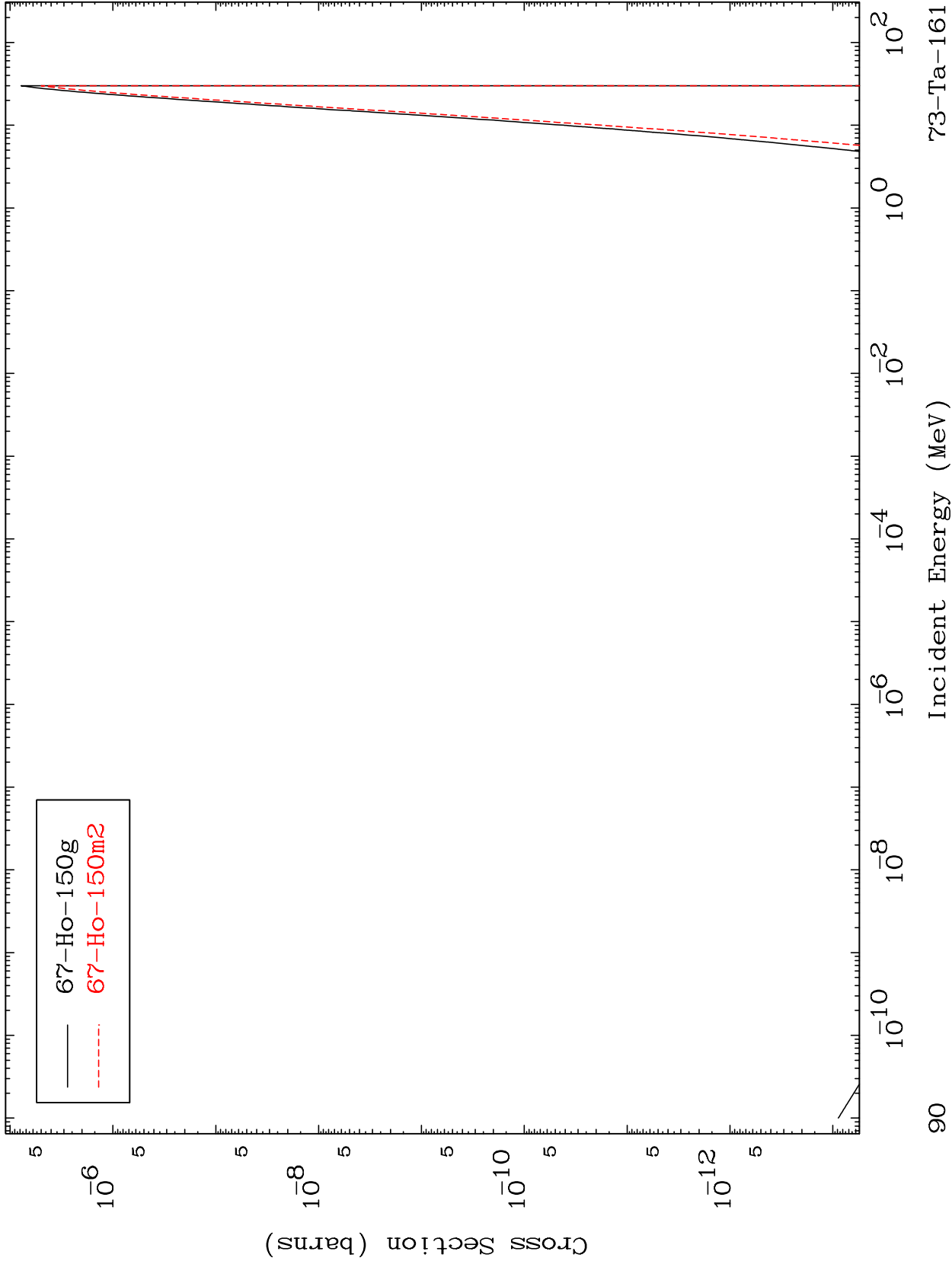
73-Ta-161

MAT 7268

(n, 3α)

⁷³Ta-161

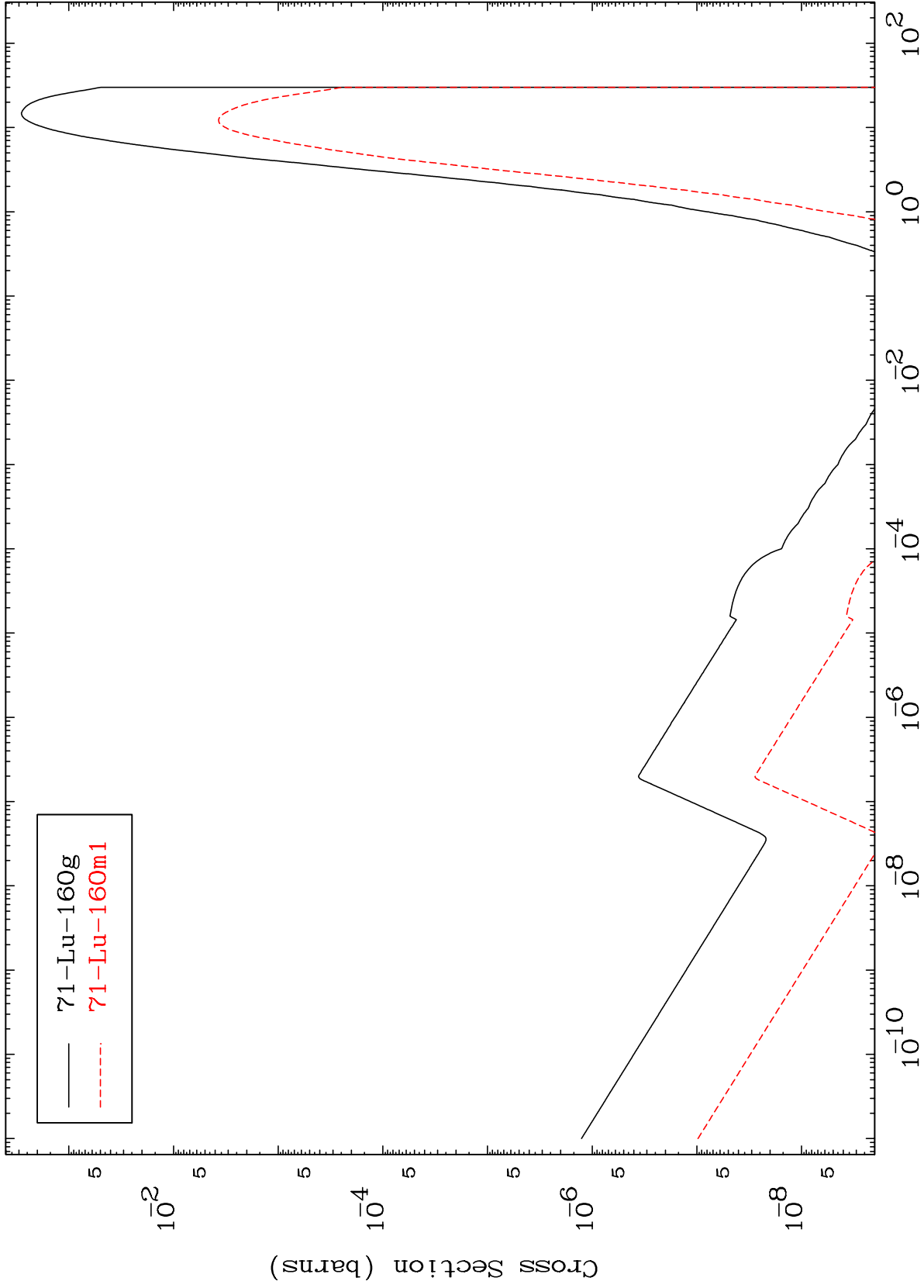
Radionuclide Production Cross Section



MAT 7268

73-Ta-161

(n,2p)
Radionuclide Production Cross Section



91

73-Ta-161

MAT 7268

(n,t) 2 α

⁷³Ta-161

Radionuclide Production Cross Section

