

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

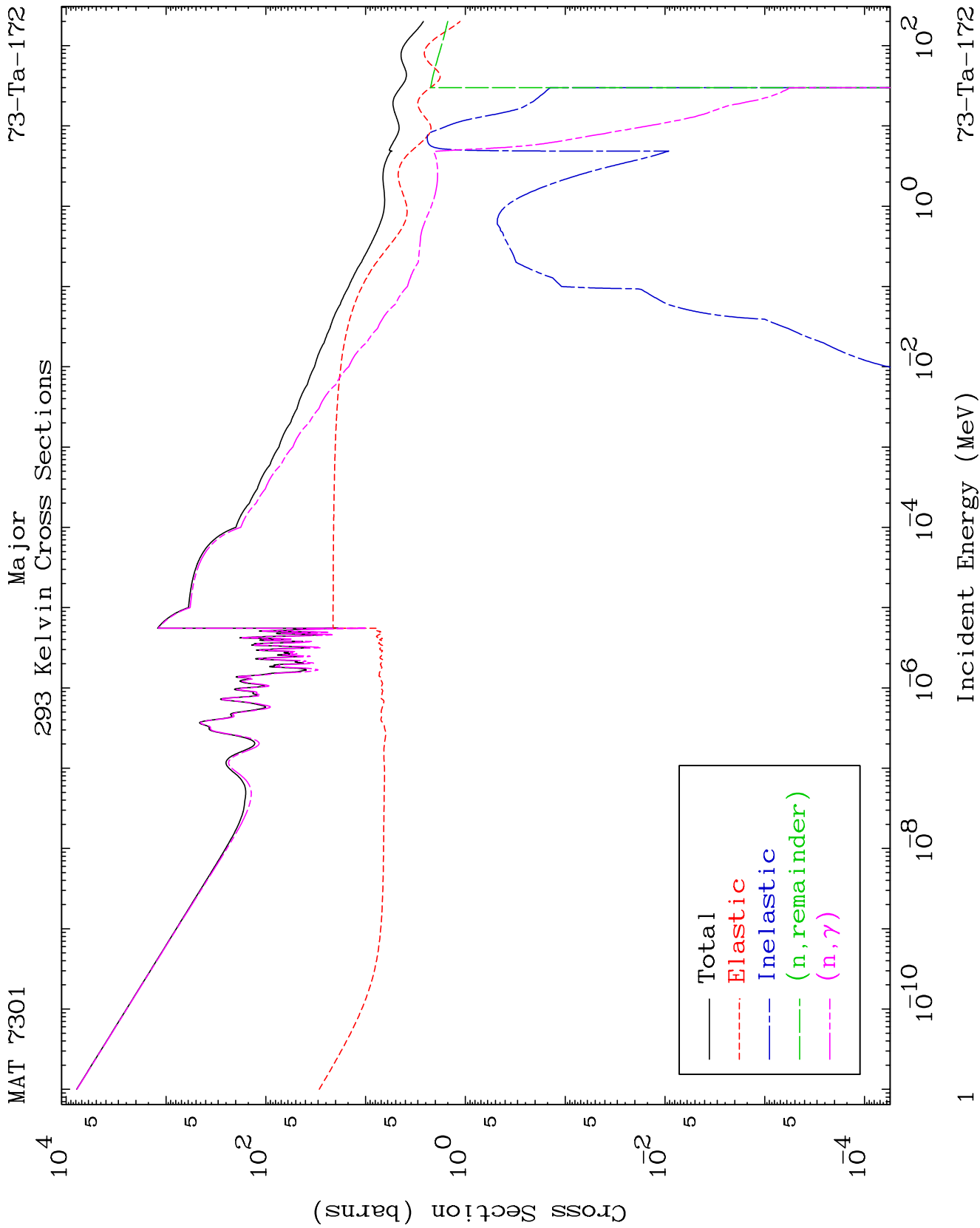
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Web:redcullen1.net/HOMEPAGE.NEW

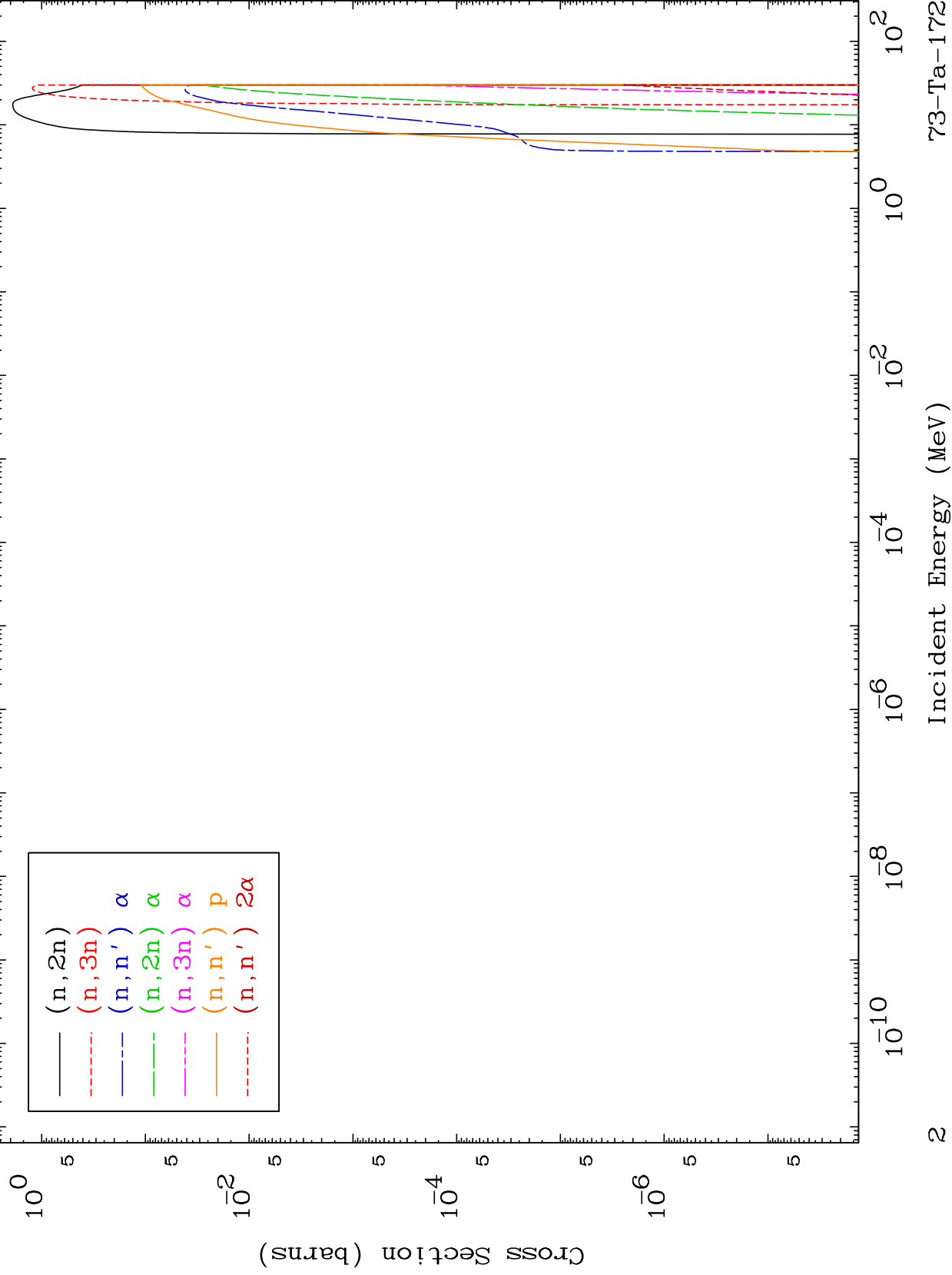
Press Mouse Button to Start



MAT 7301

Neutron Production
293 Kelvin Cross Sections

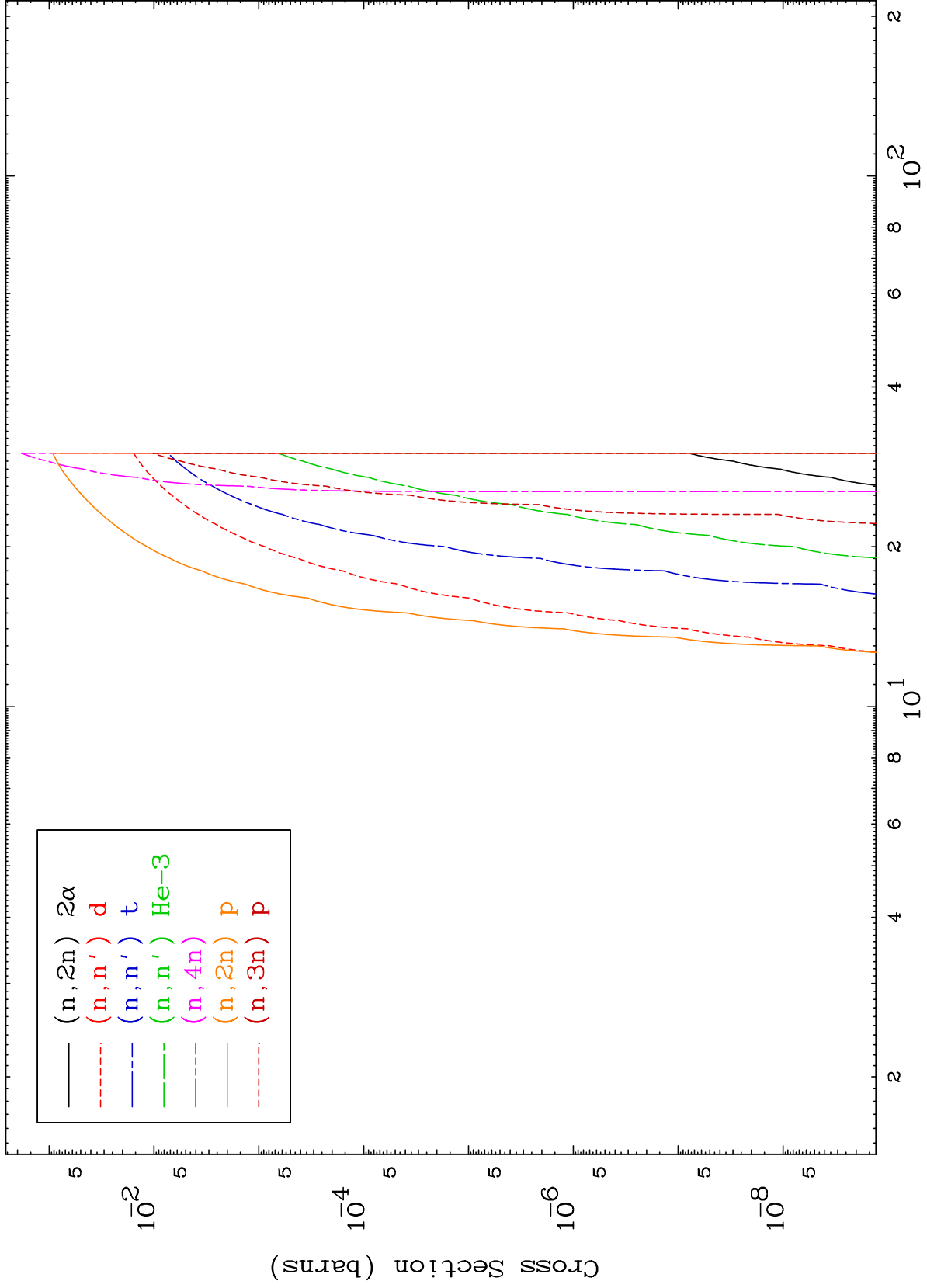
73-Ta-172



MAT 7301

Neutron Production
293 Kelvin Cross Sections

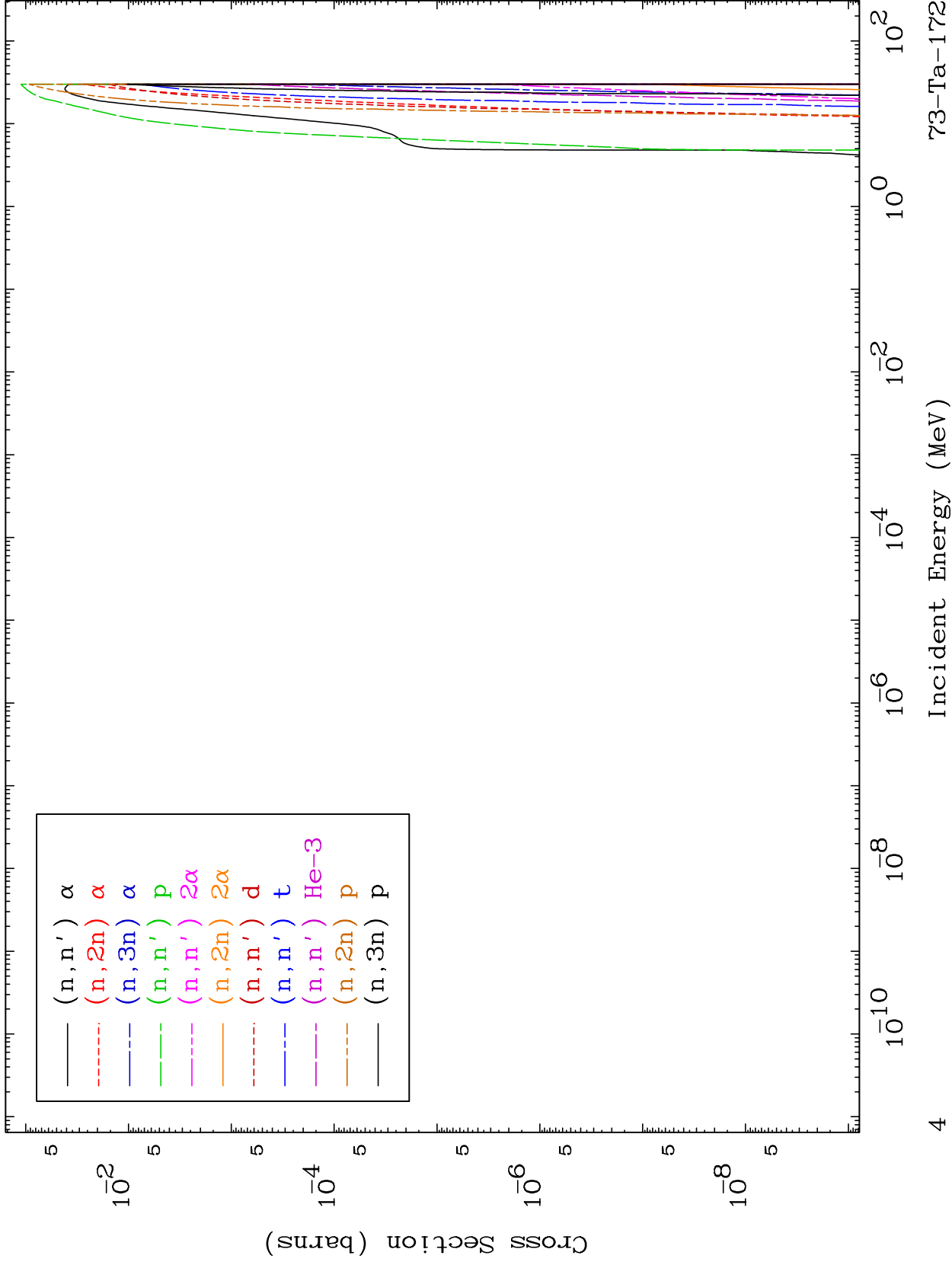
⁷³Ta-172



MAT 7301

Charged Particle
293 Kelvin Cross Sections

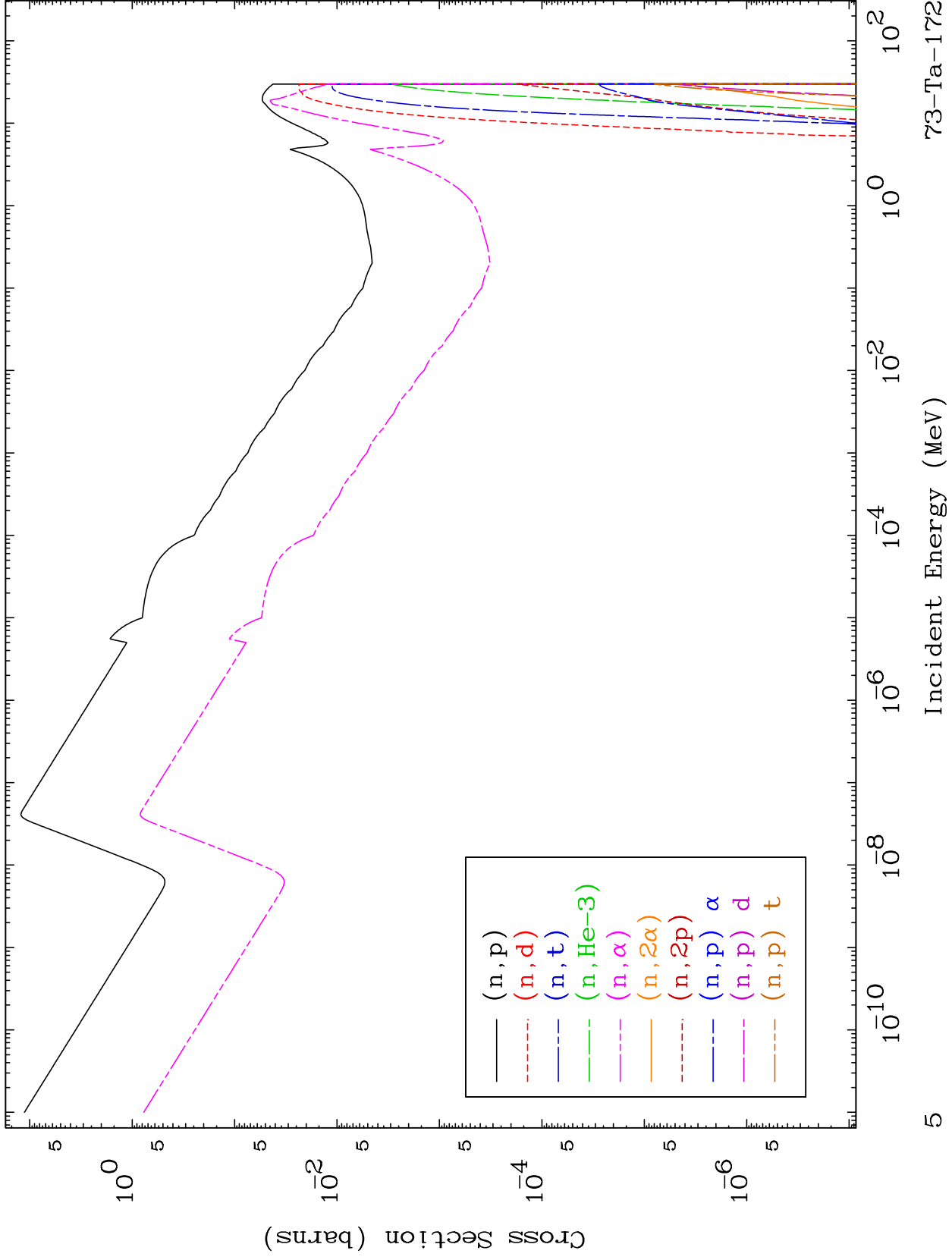
73-Ta-172



MAT 7301

Charged Particle
293 Kelvin Cross Sections

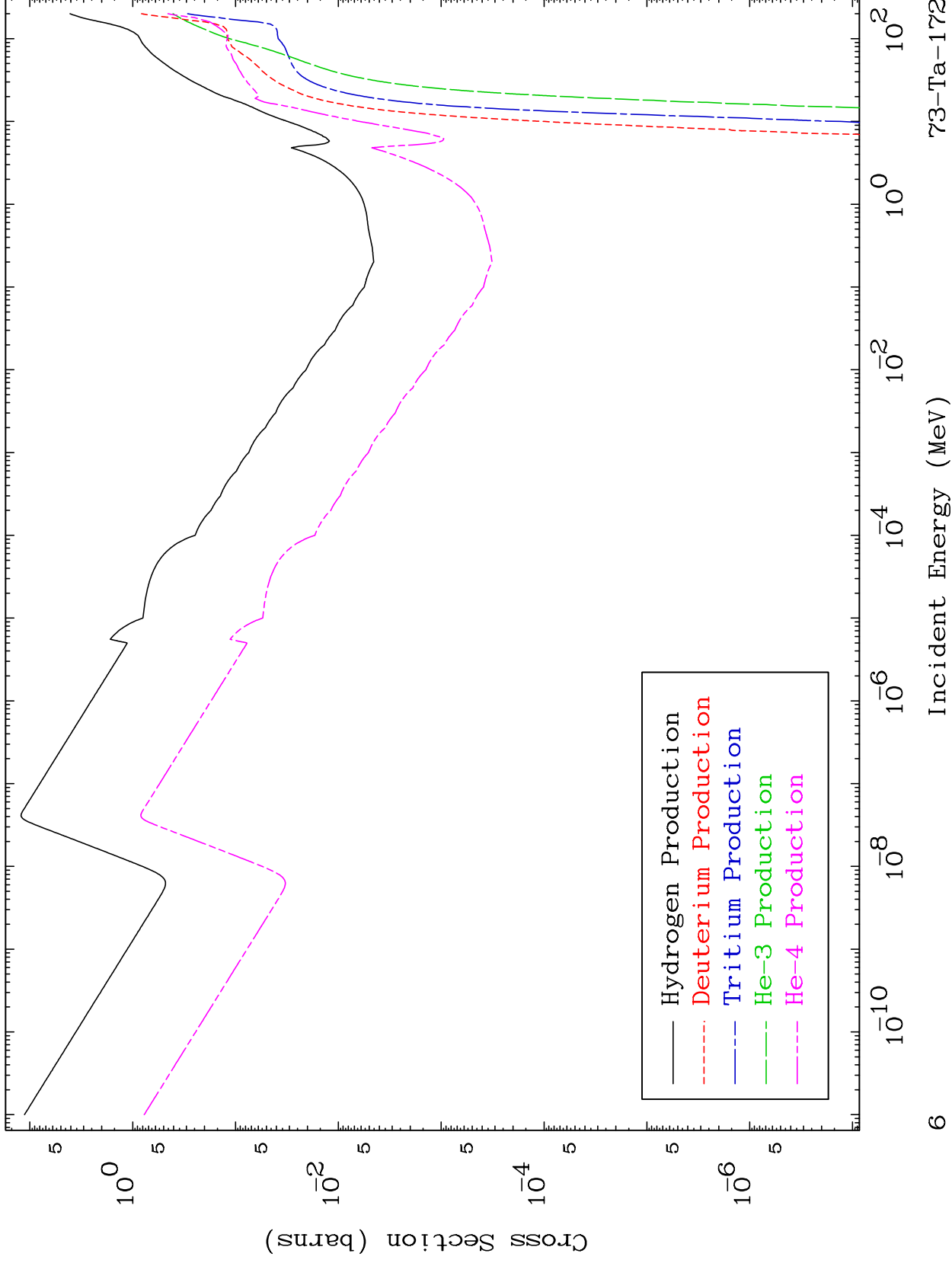
73-Ta-172



MAT 7301

Particle Production
293 Kelvin Cross Sections

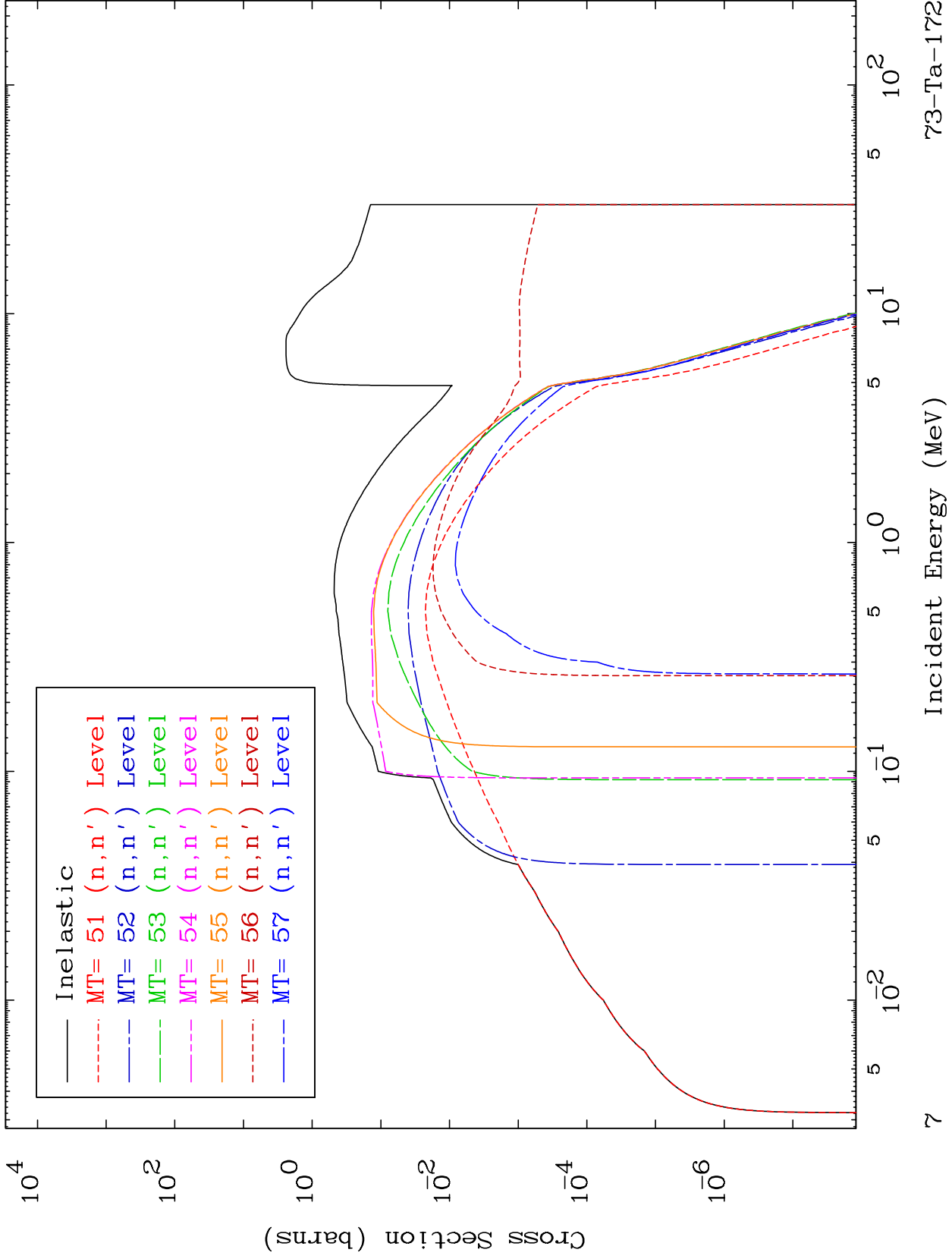
73-Ta-172



MAT 7301

(n,n') Level
293 Kelvin Cross Sections

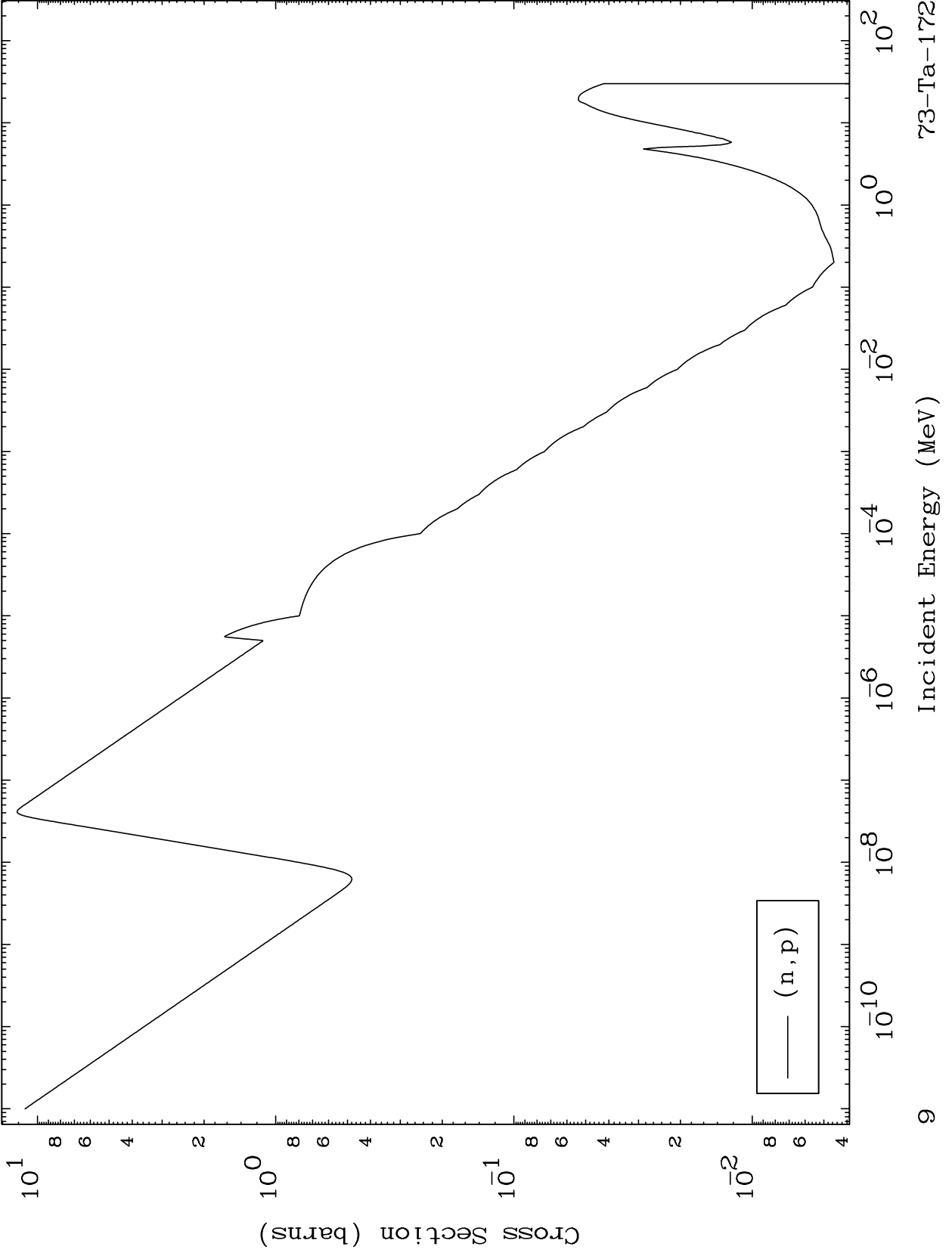
73-Ta-172



MAT 7301

(n,p) Levels
293 Kelvin Cross Sections

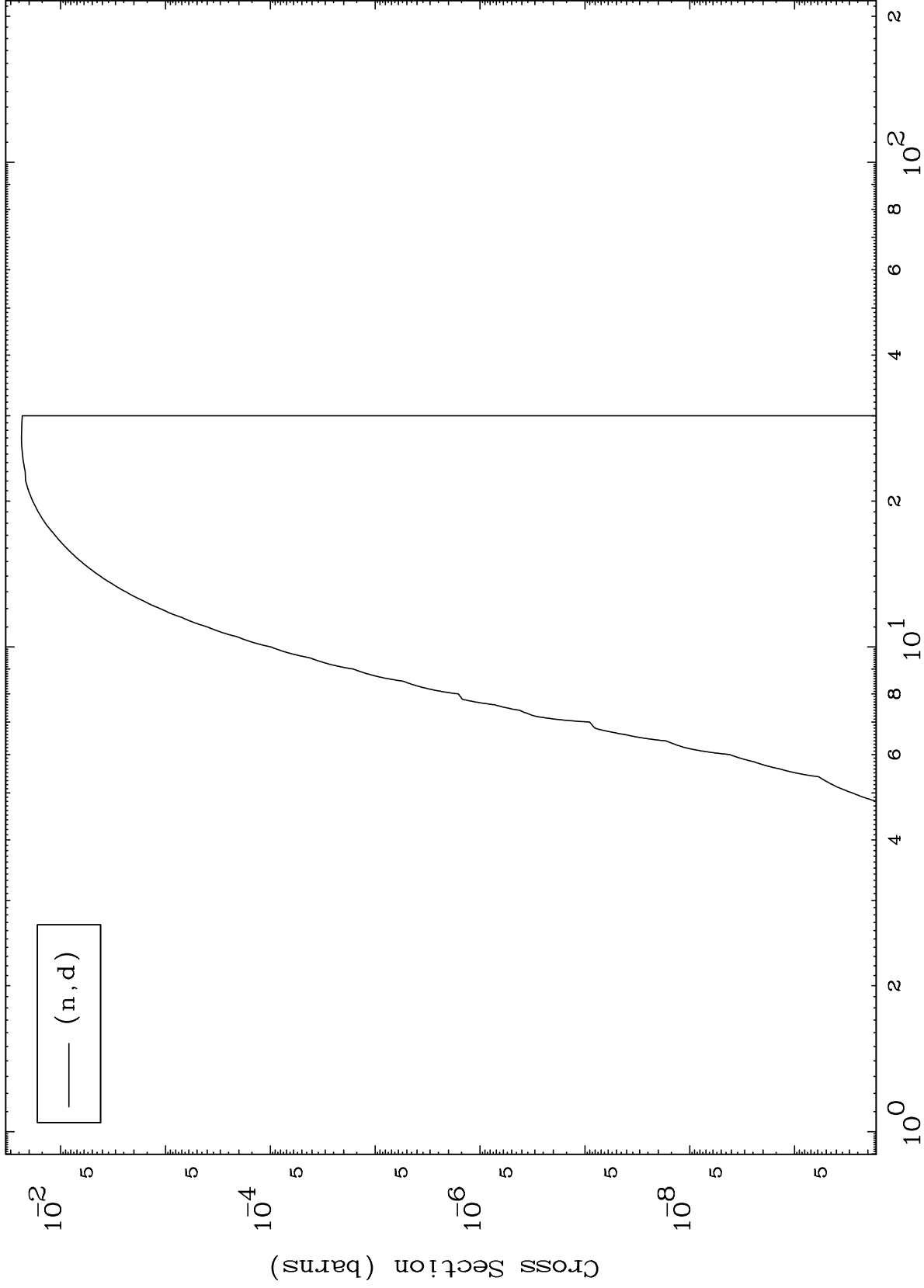
73-Ta-172



MAT 7301

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-172



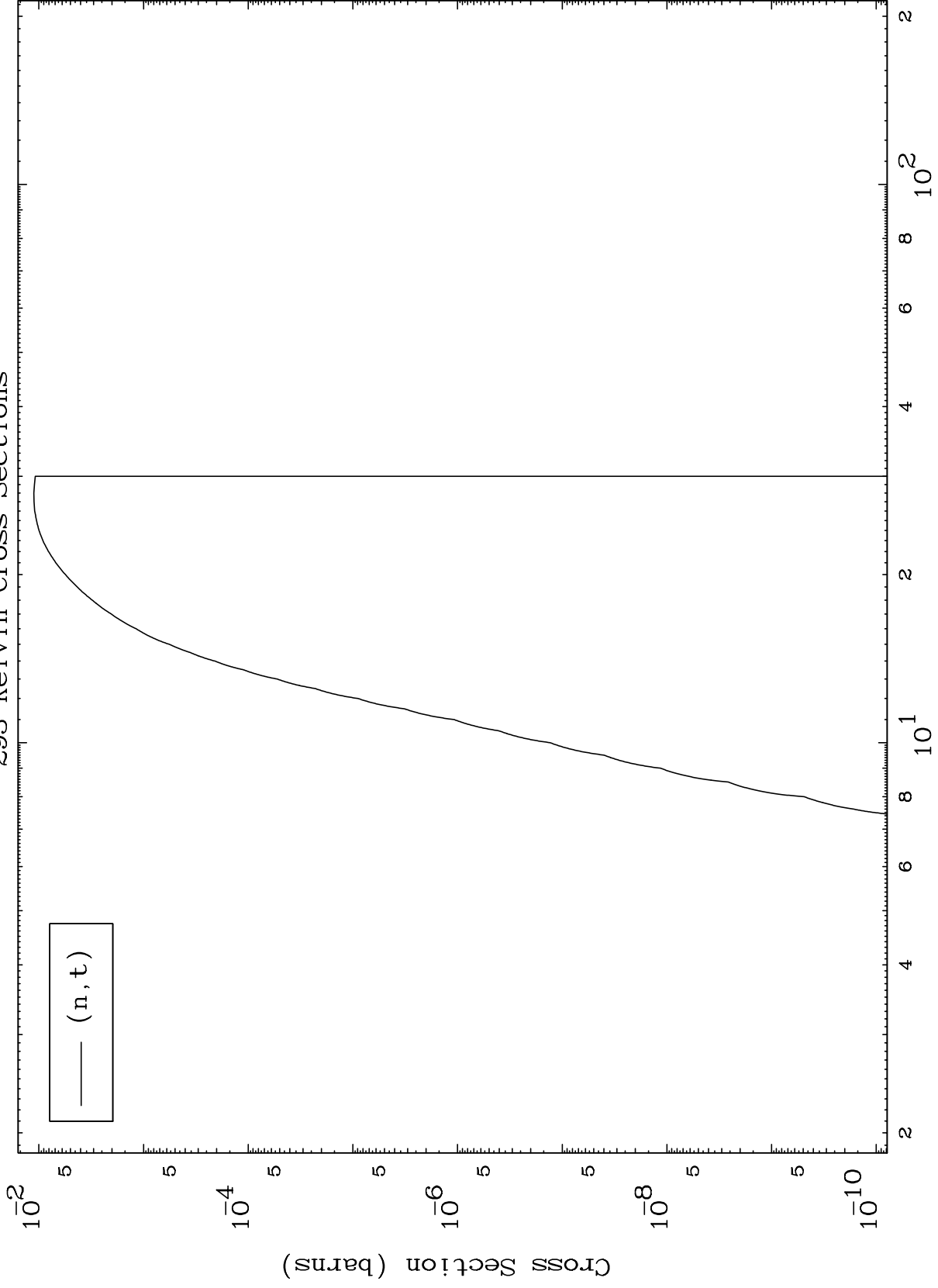
Incident Energy (MeV)

73-Ta-172

MAT 7301

(n,t) Levels
293 Kelvin Cross Sections

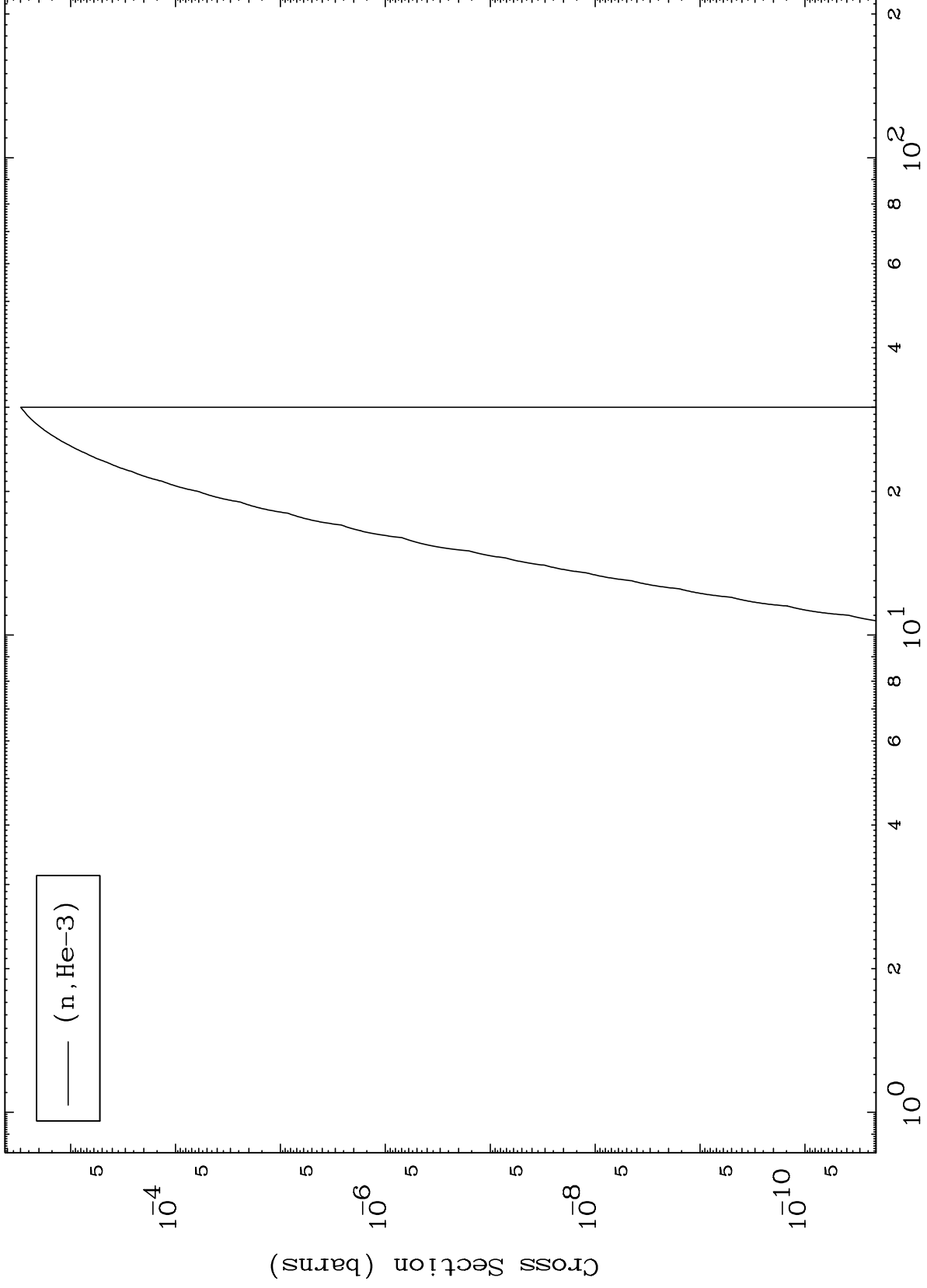
73-Ta-172



MAT 7301

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-172



12

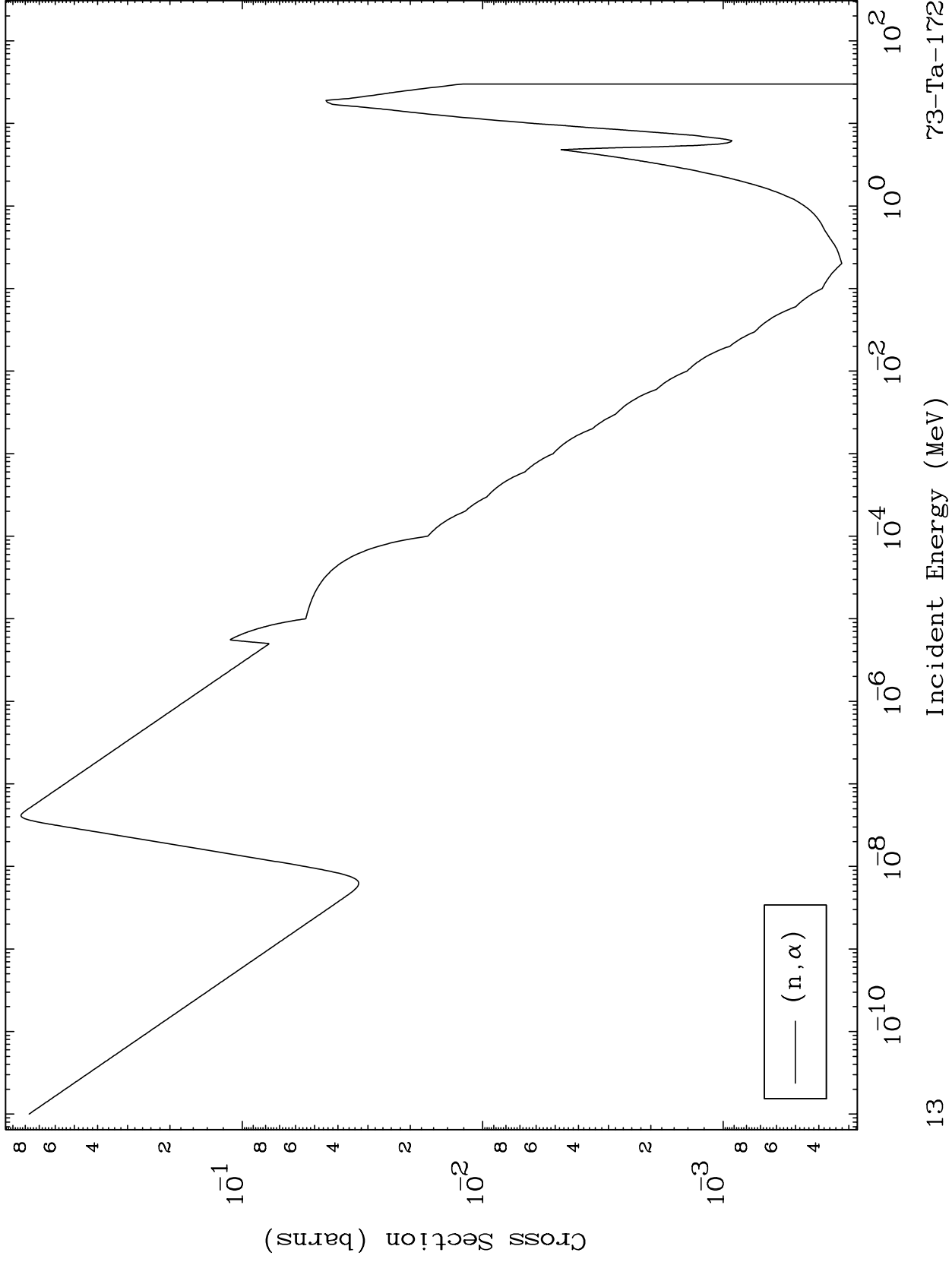
Incident Energy (MeV)

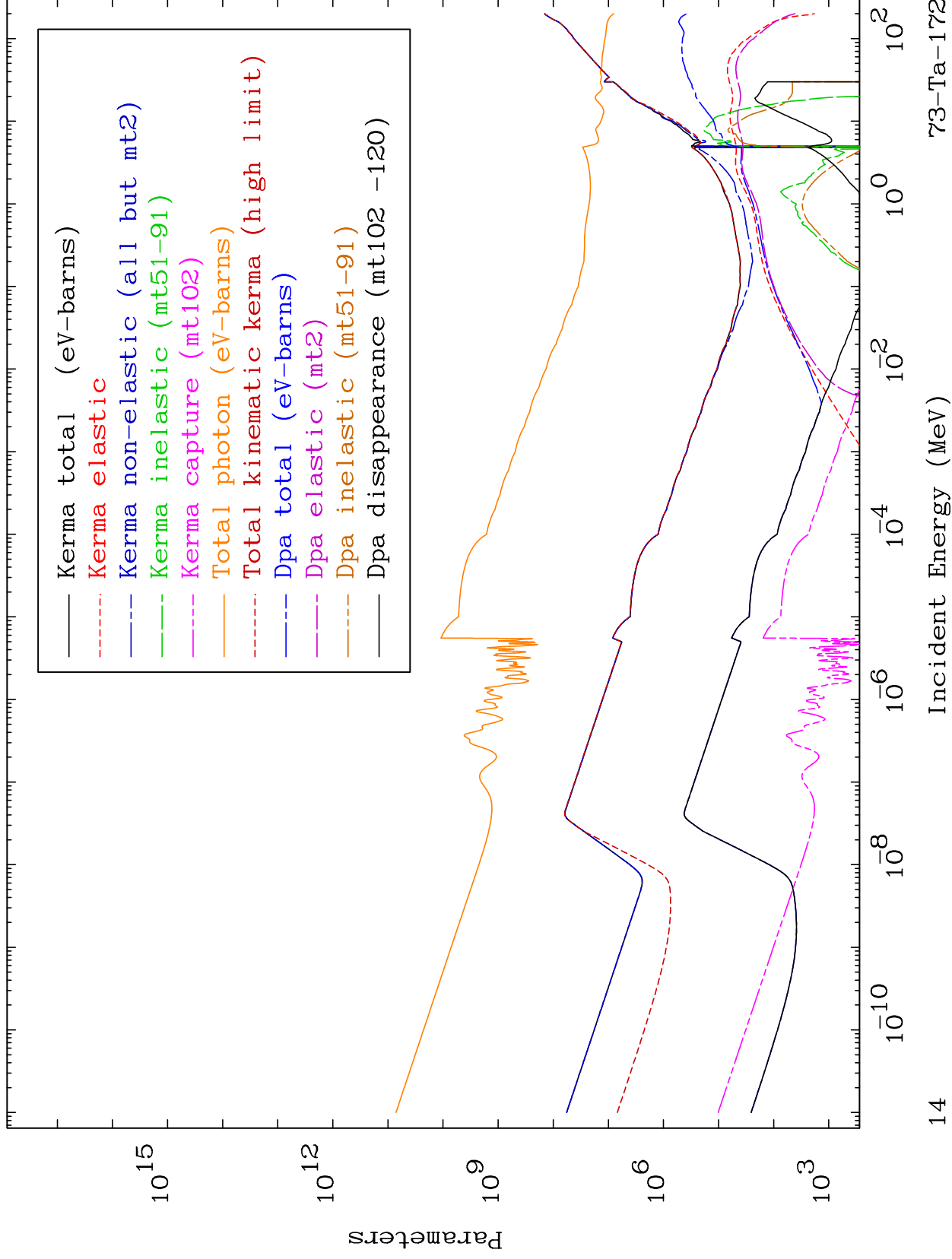
73-Ta-172

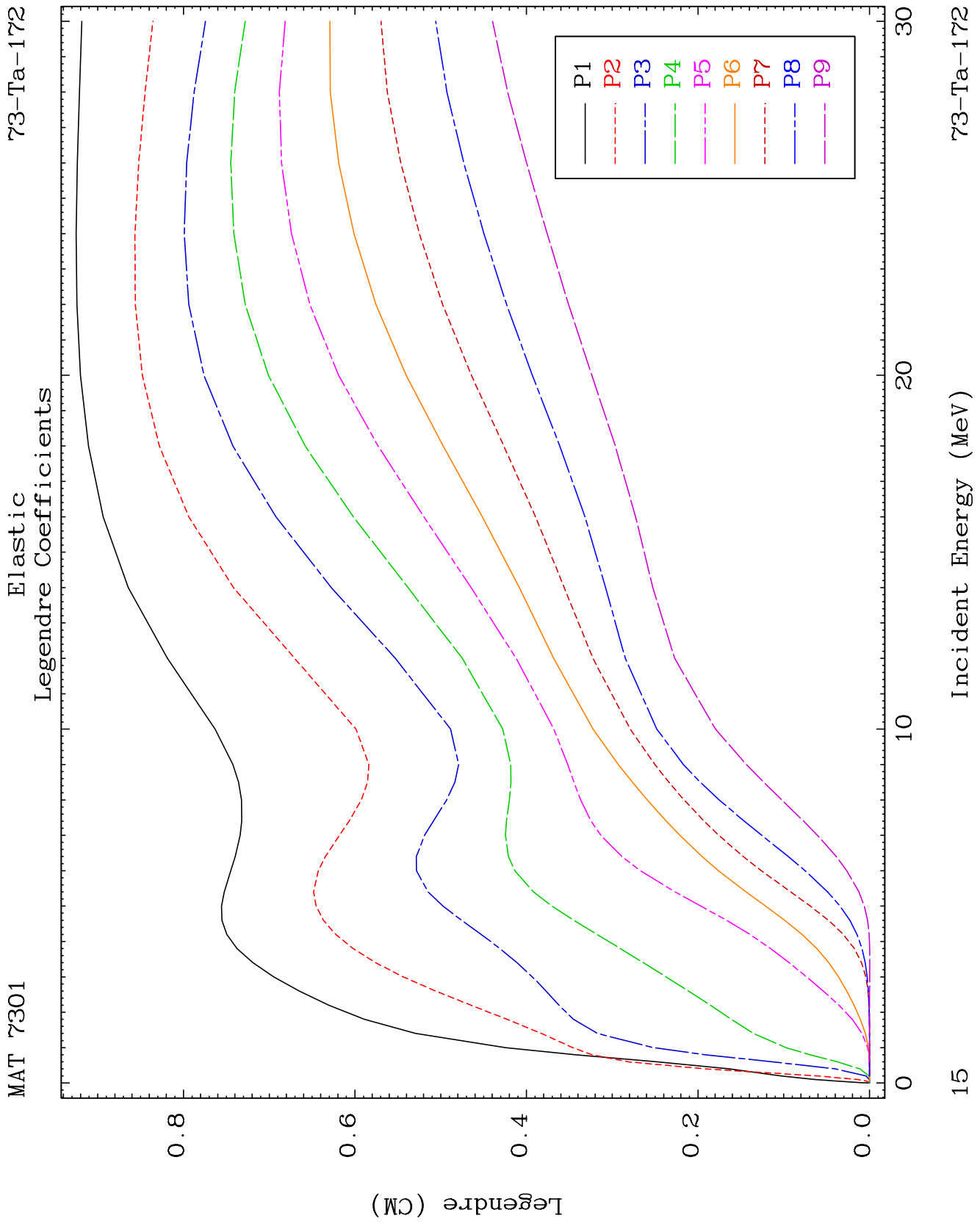
MAT 7301

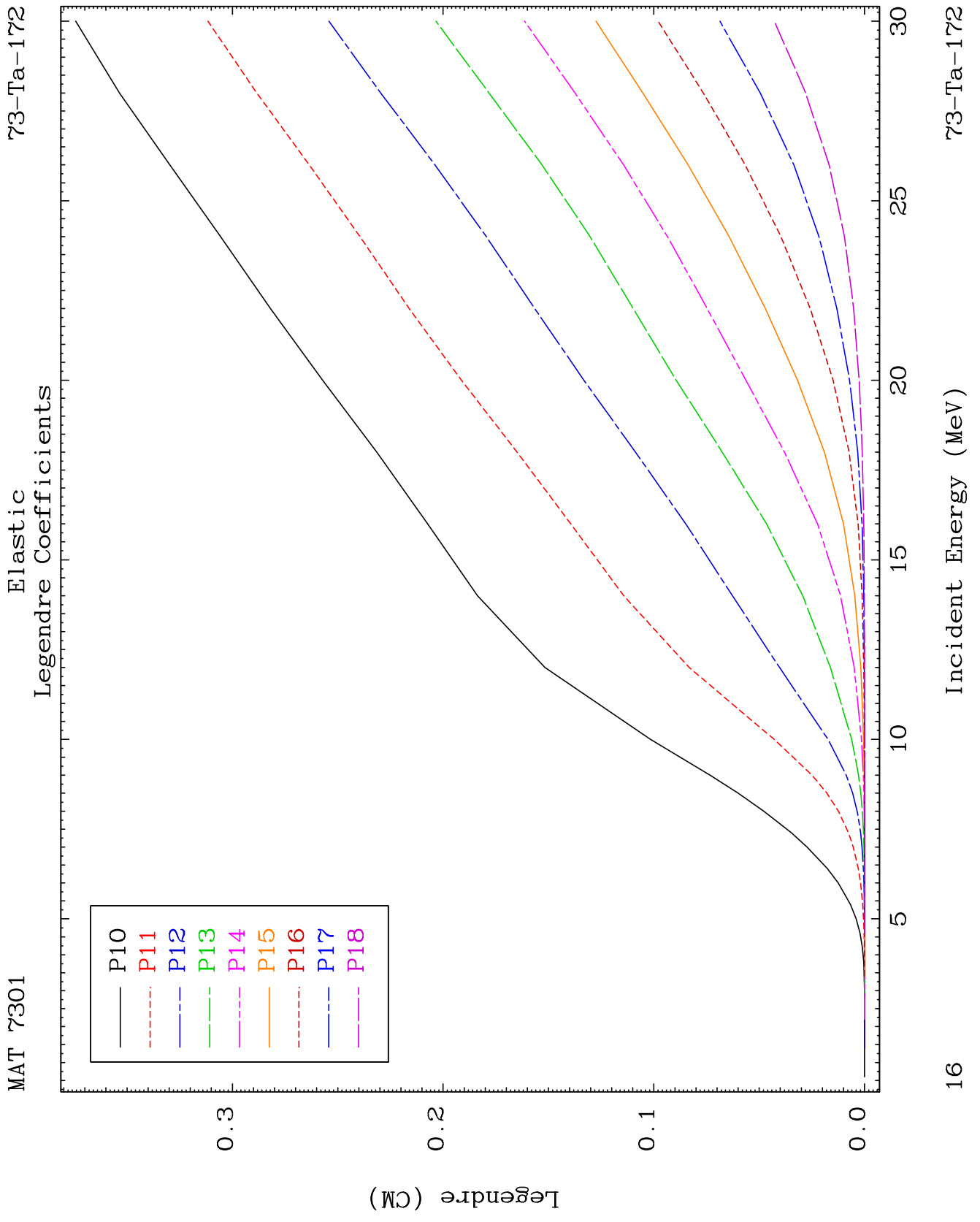
(n, α) Levels
293 Kelvin Cross Sections

73-Ta-172





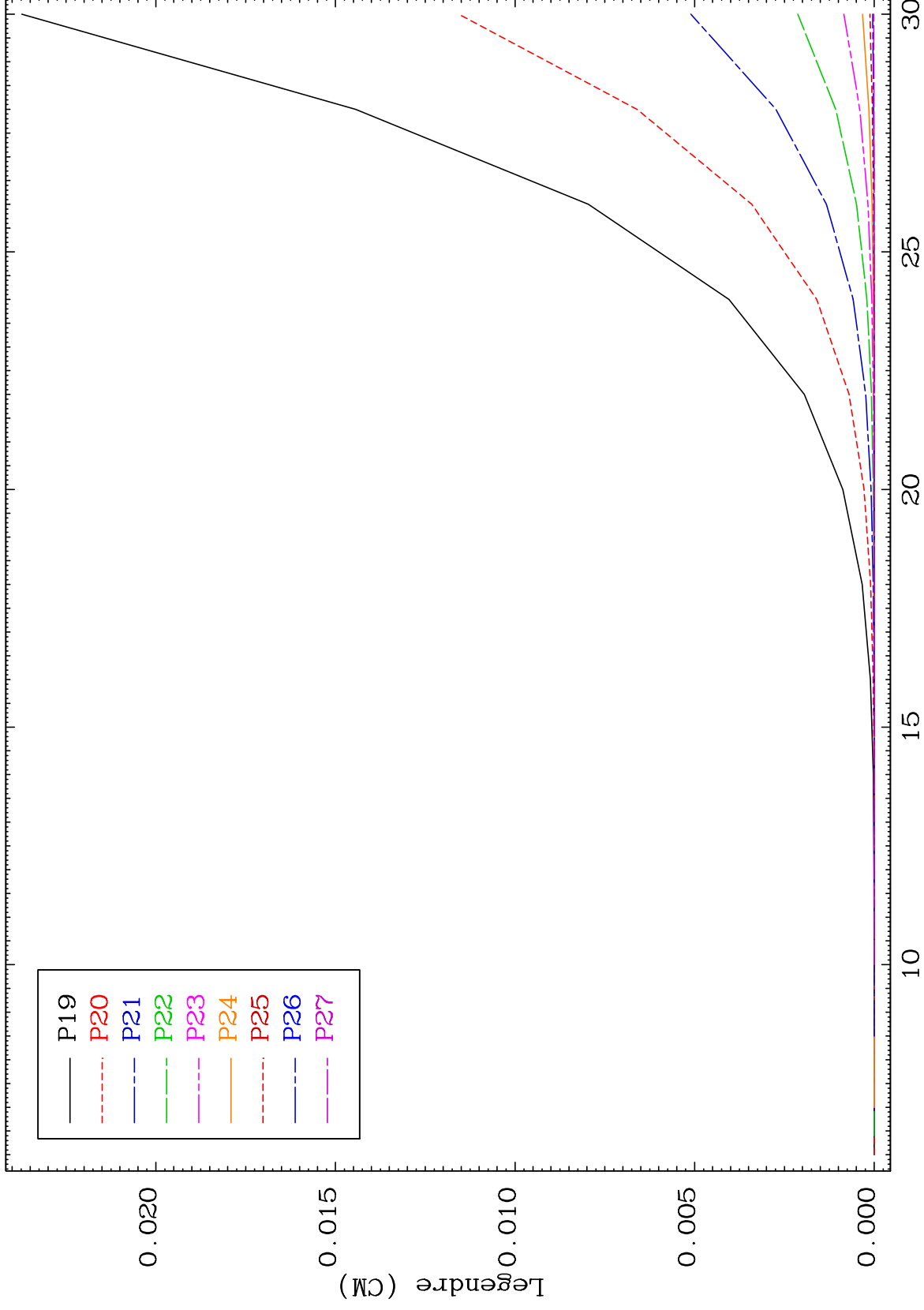




MAT 7301

Elastic
Legendre Coefficients

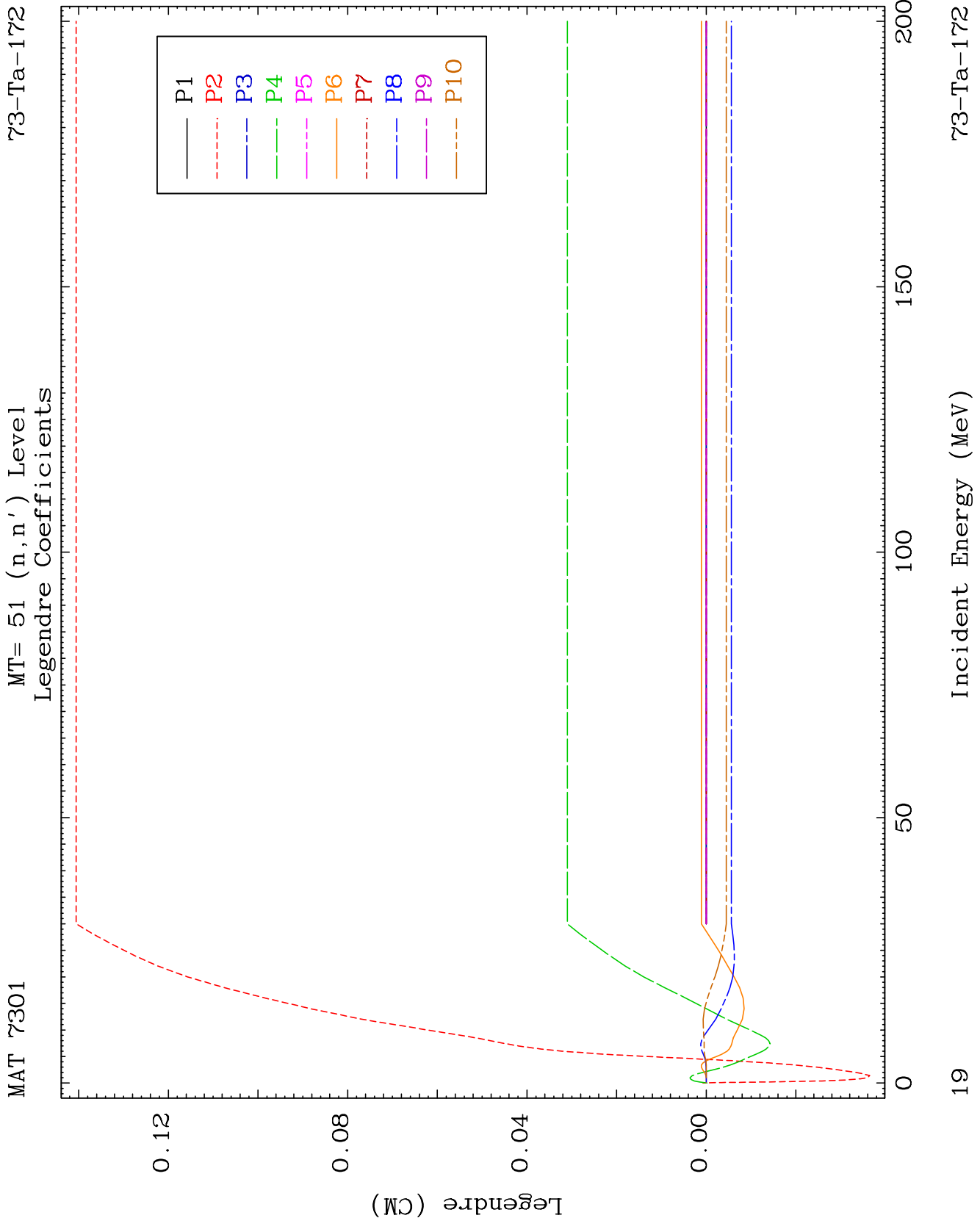
73-Ta-172

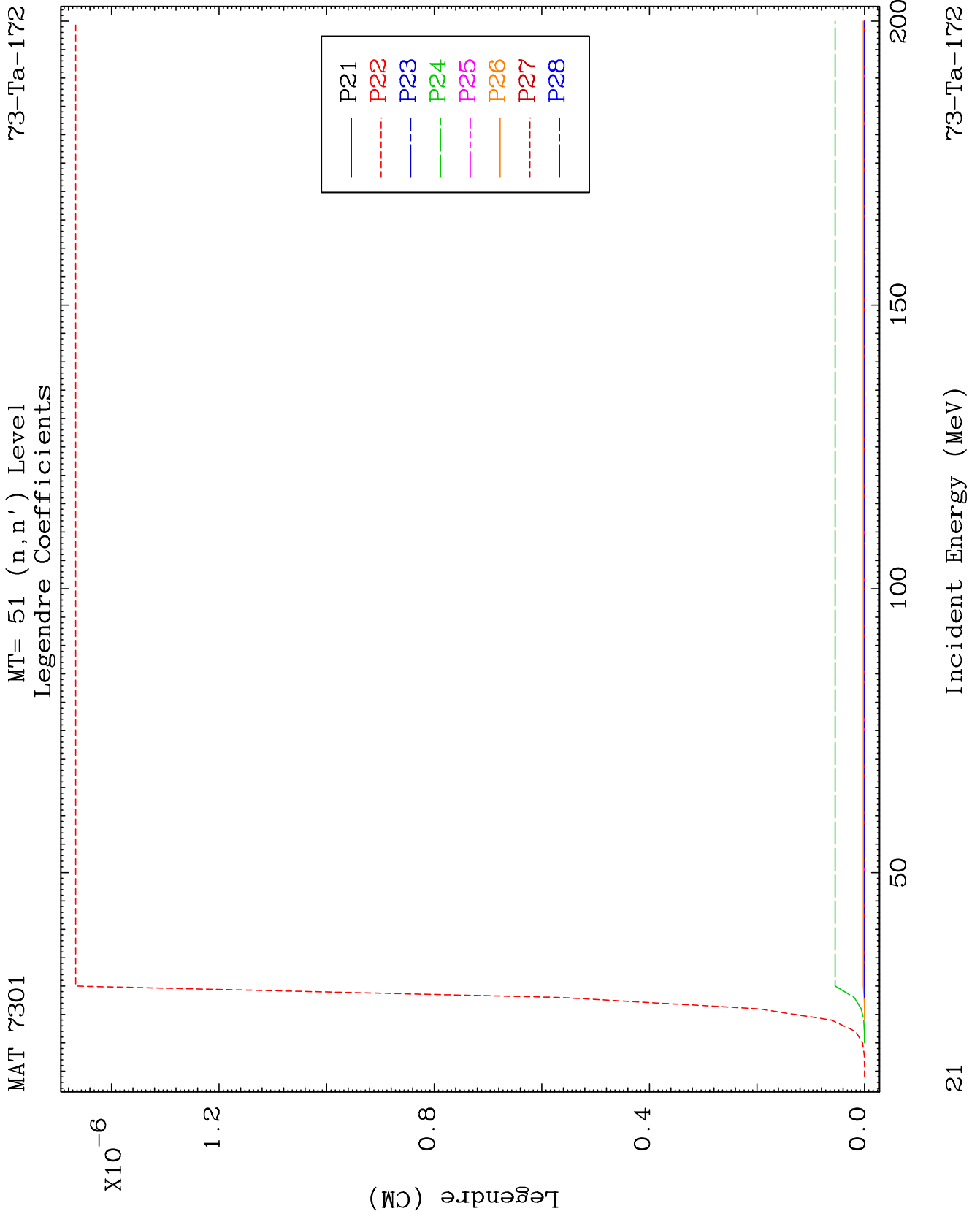


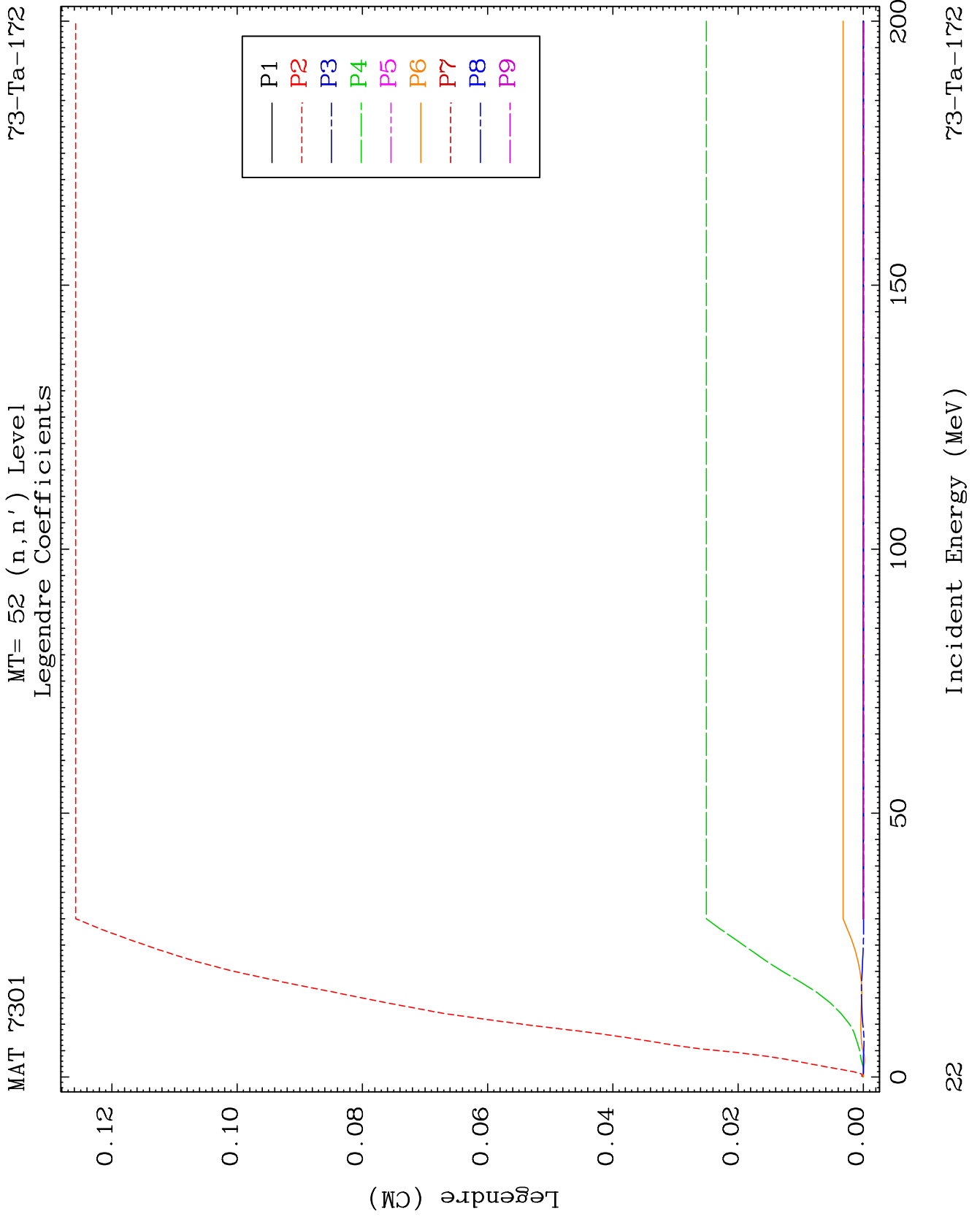
17

Incident Energy (MeV)

73-Ta-172



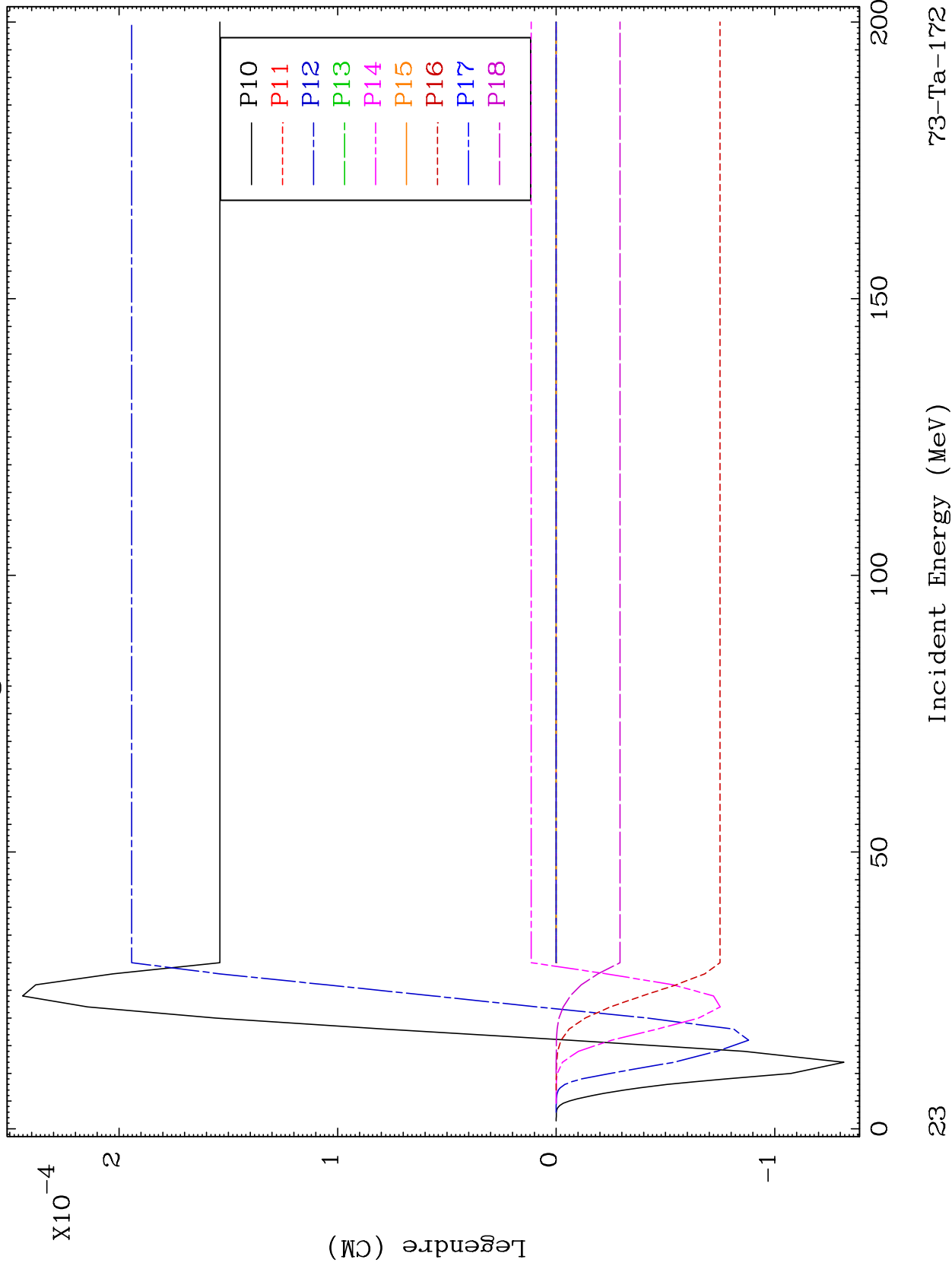




MAT 7301

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

73-Ta-172

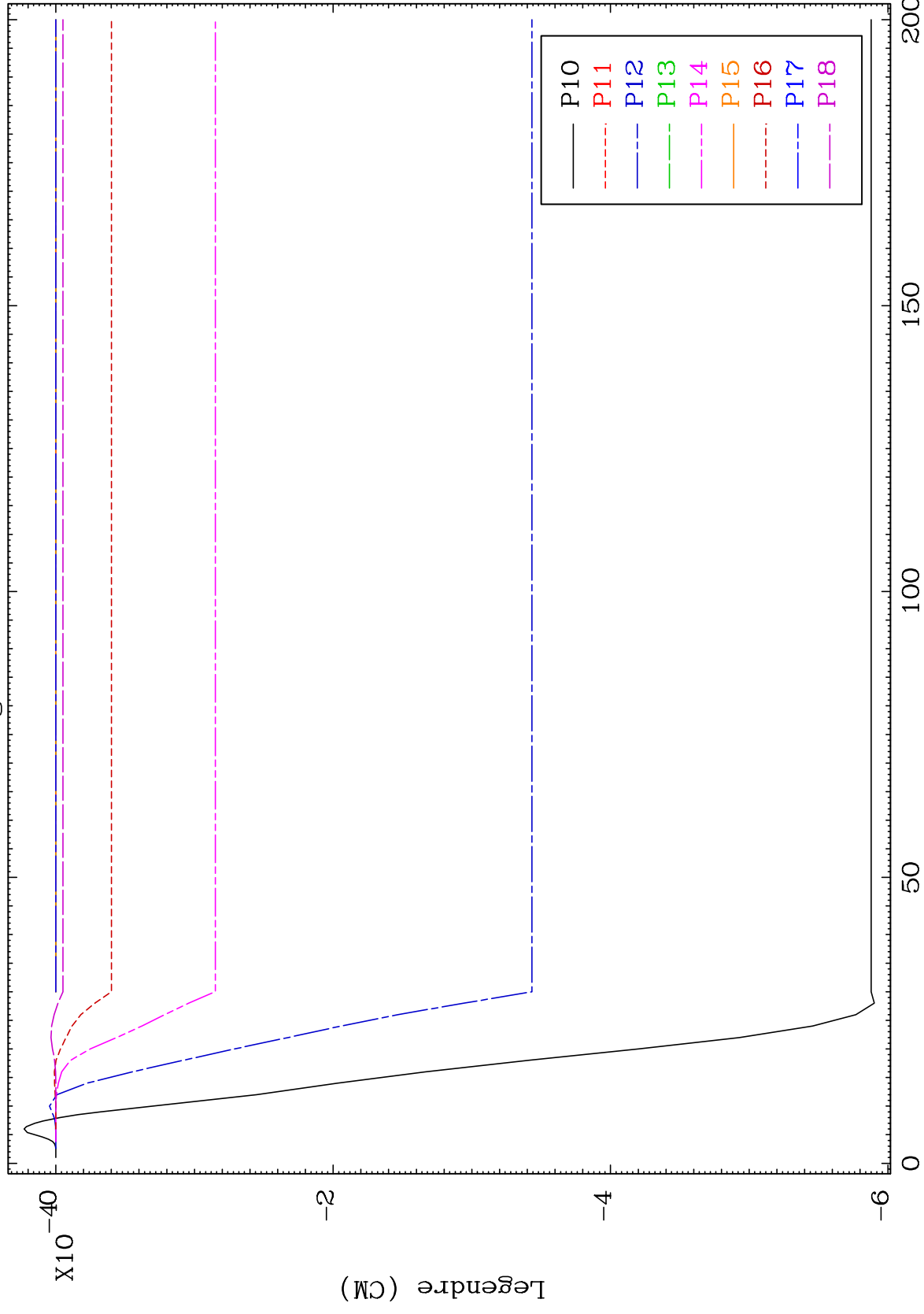


MAT 7301

MT= 53 (n,n') Level

73-Ta-172

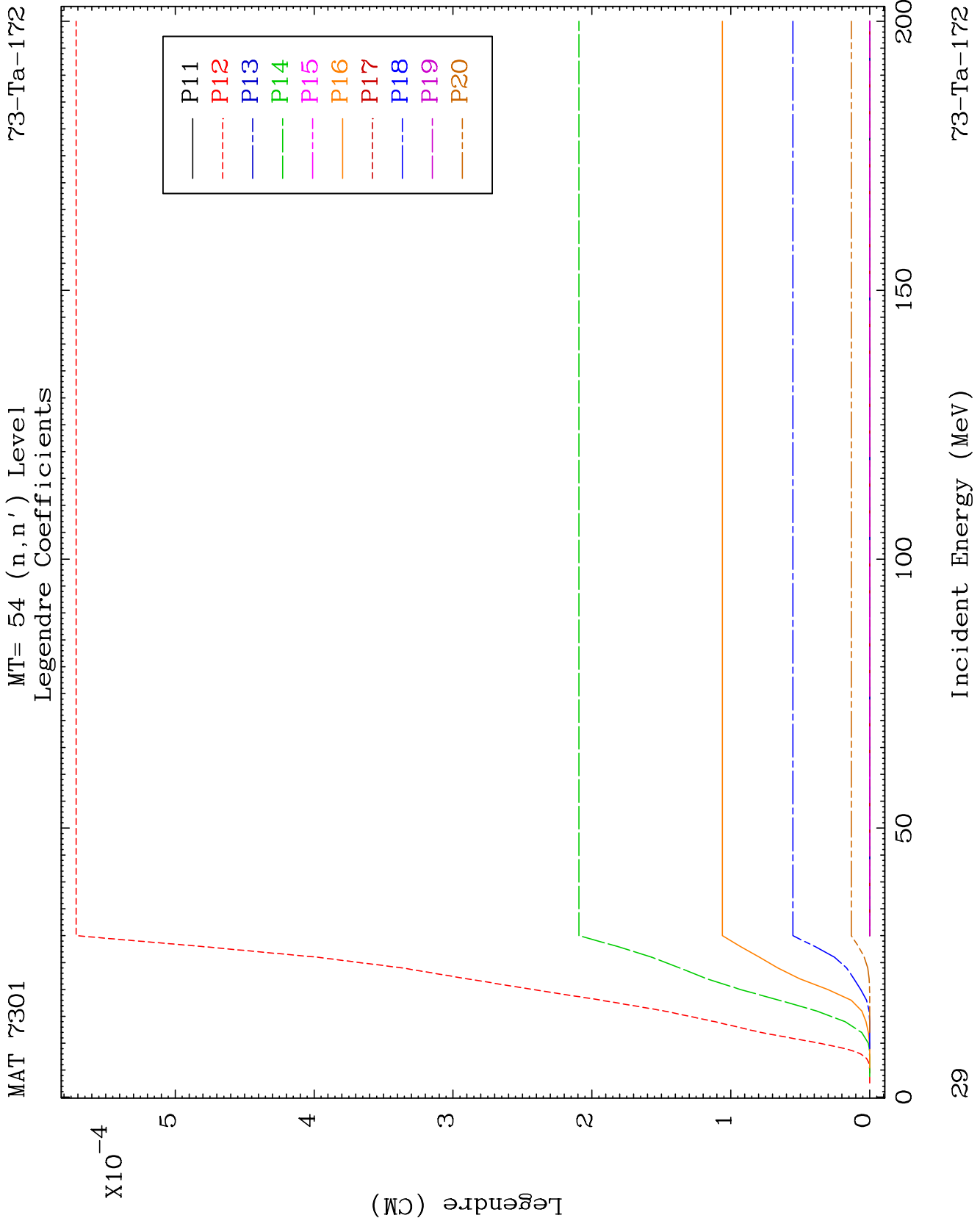
Legendre Coefficients

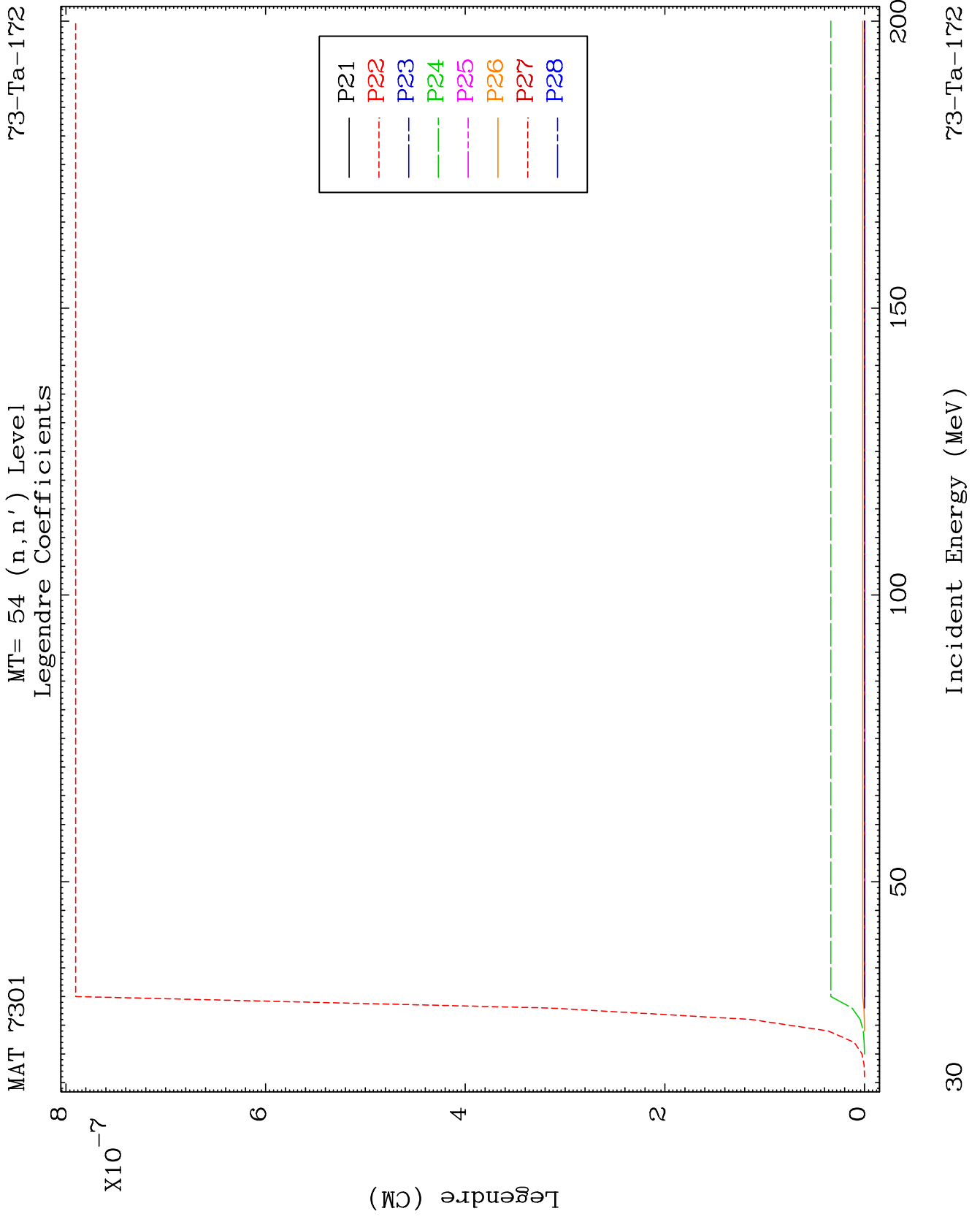


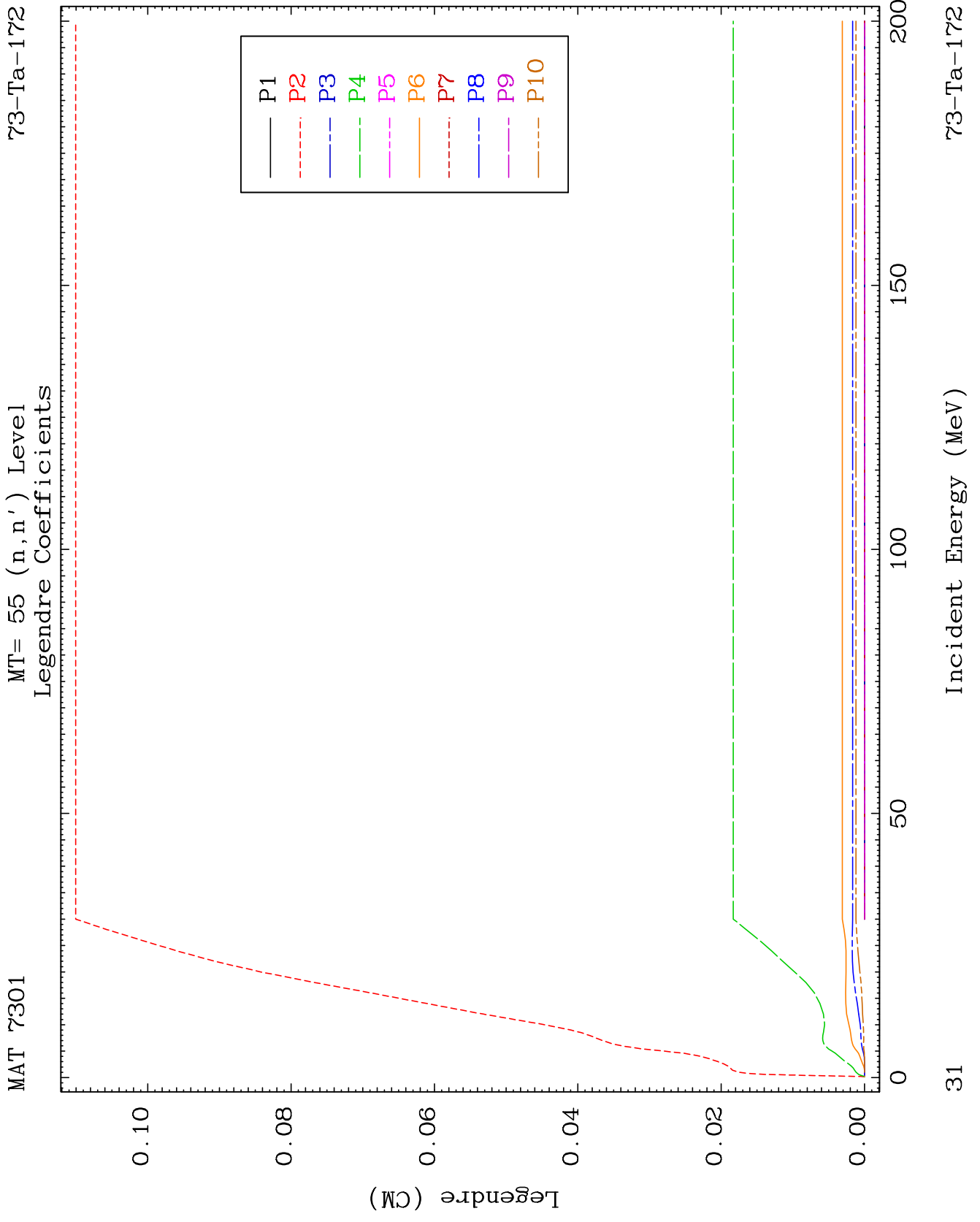
26

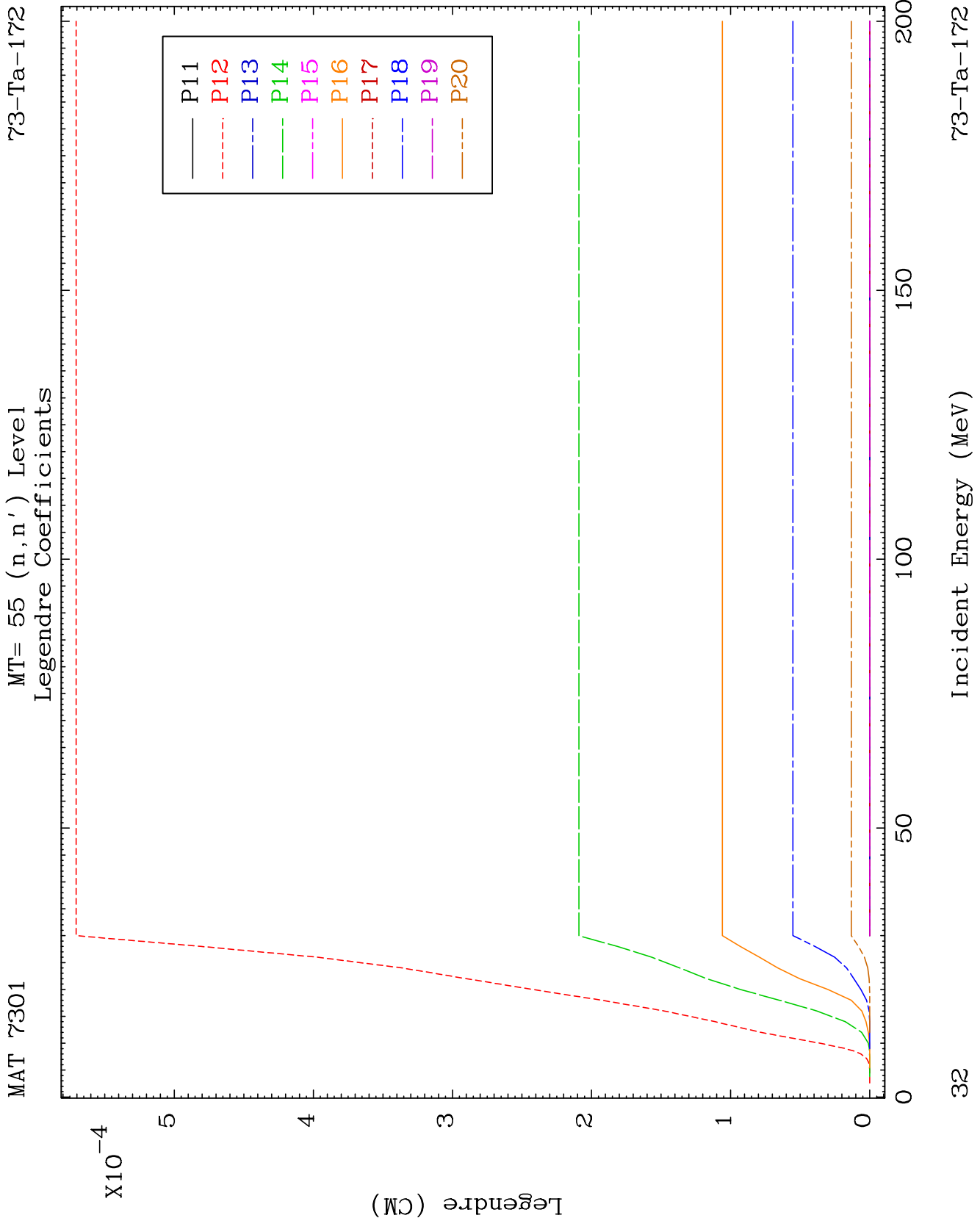
Incident Energy (MeV)

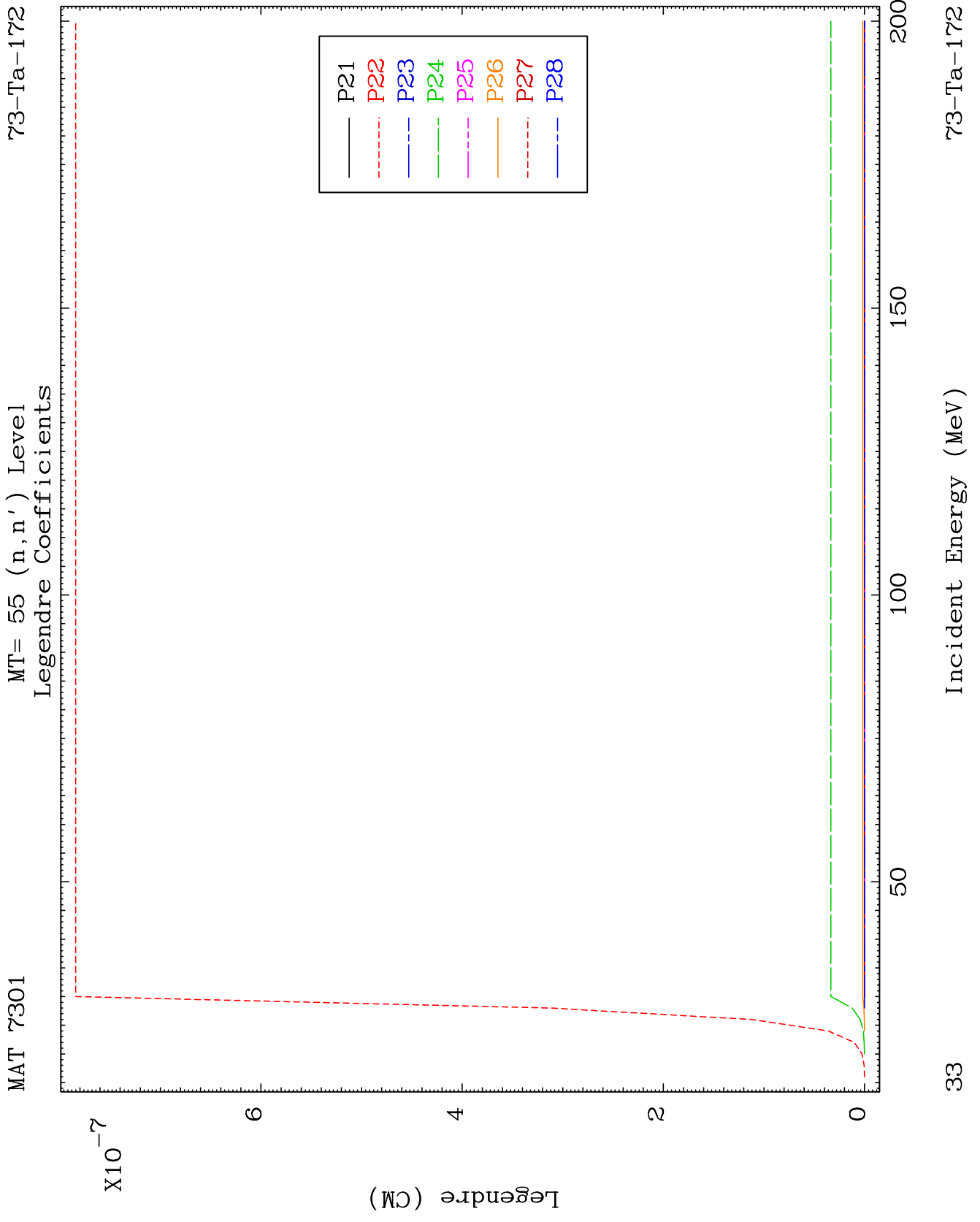
73-Ta-172

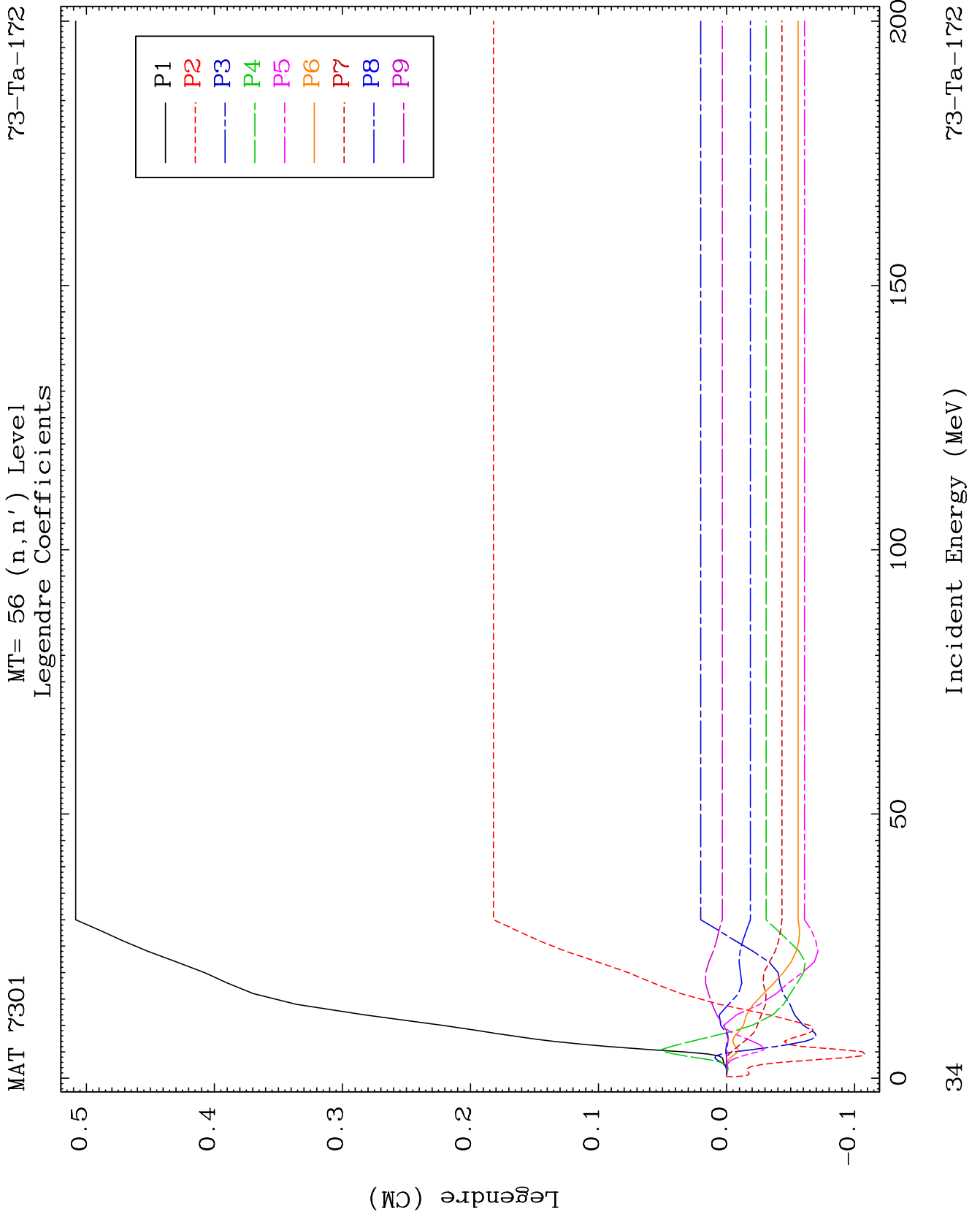


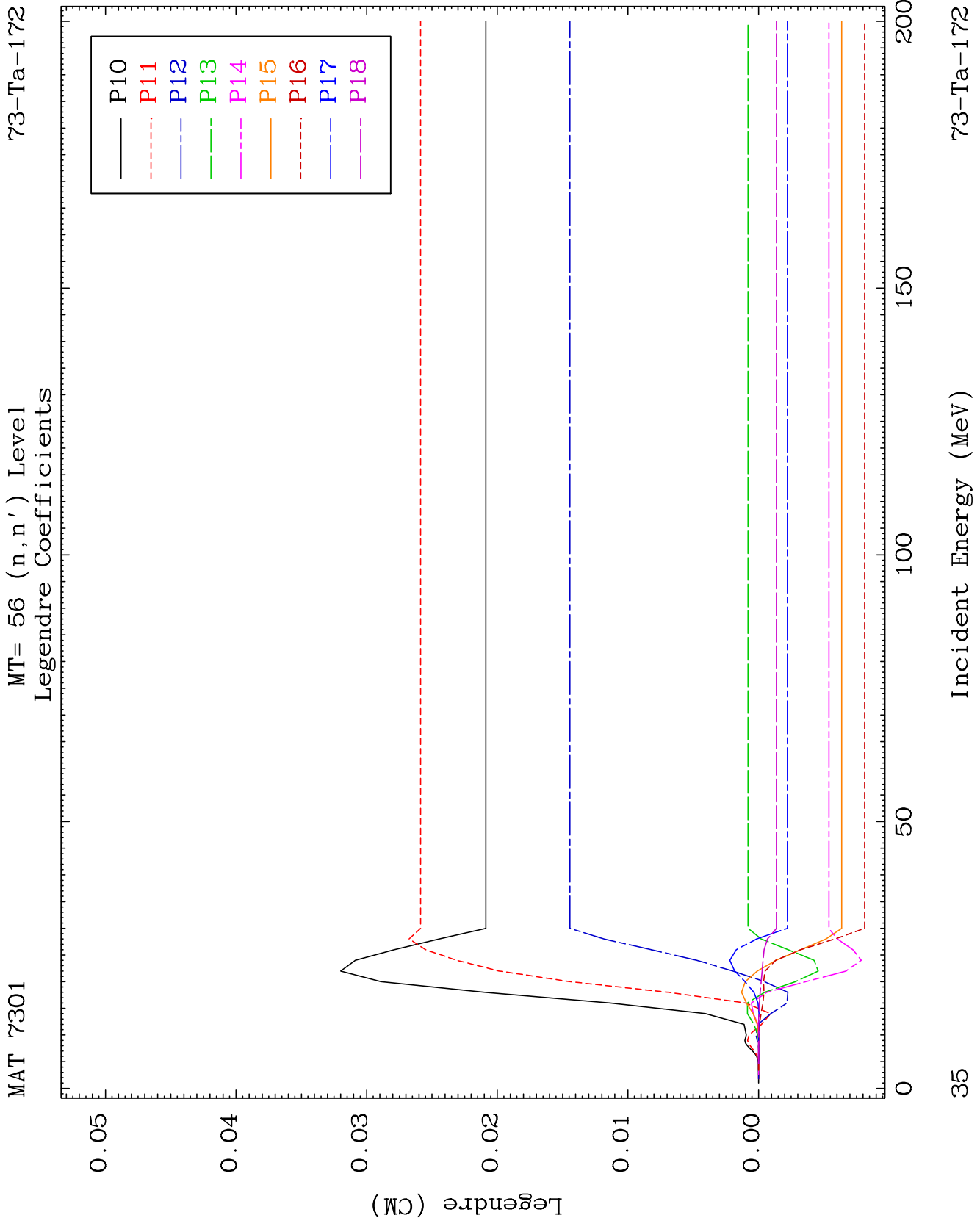








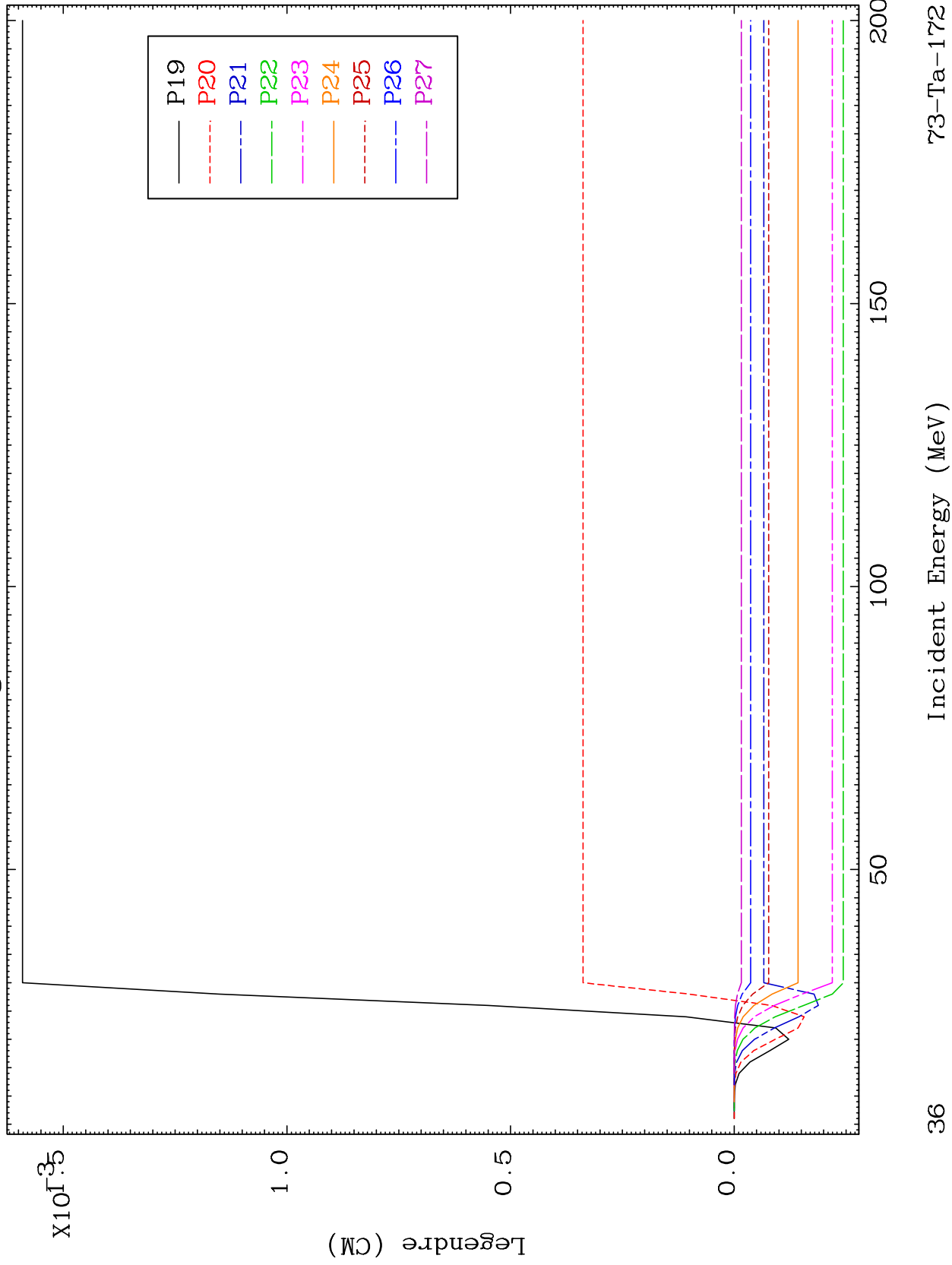




MAT 7301

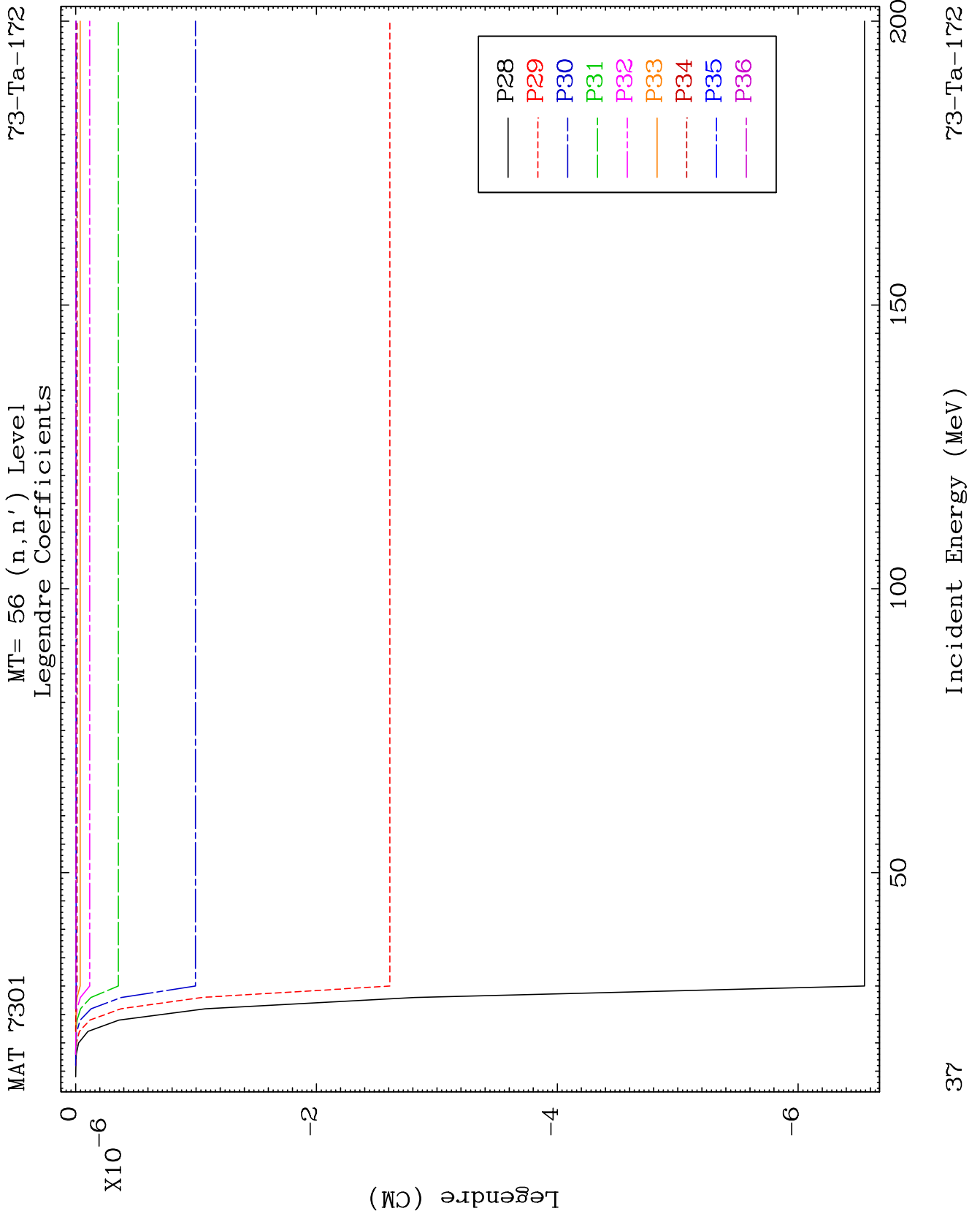
MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-172



36

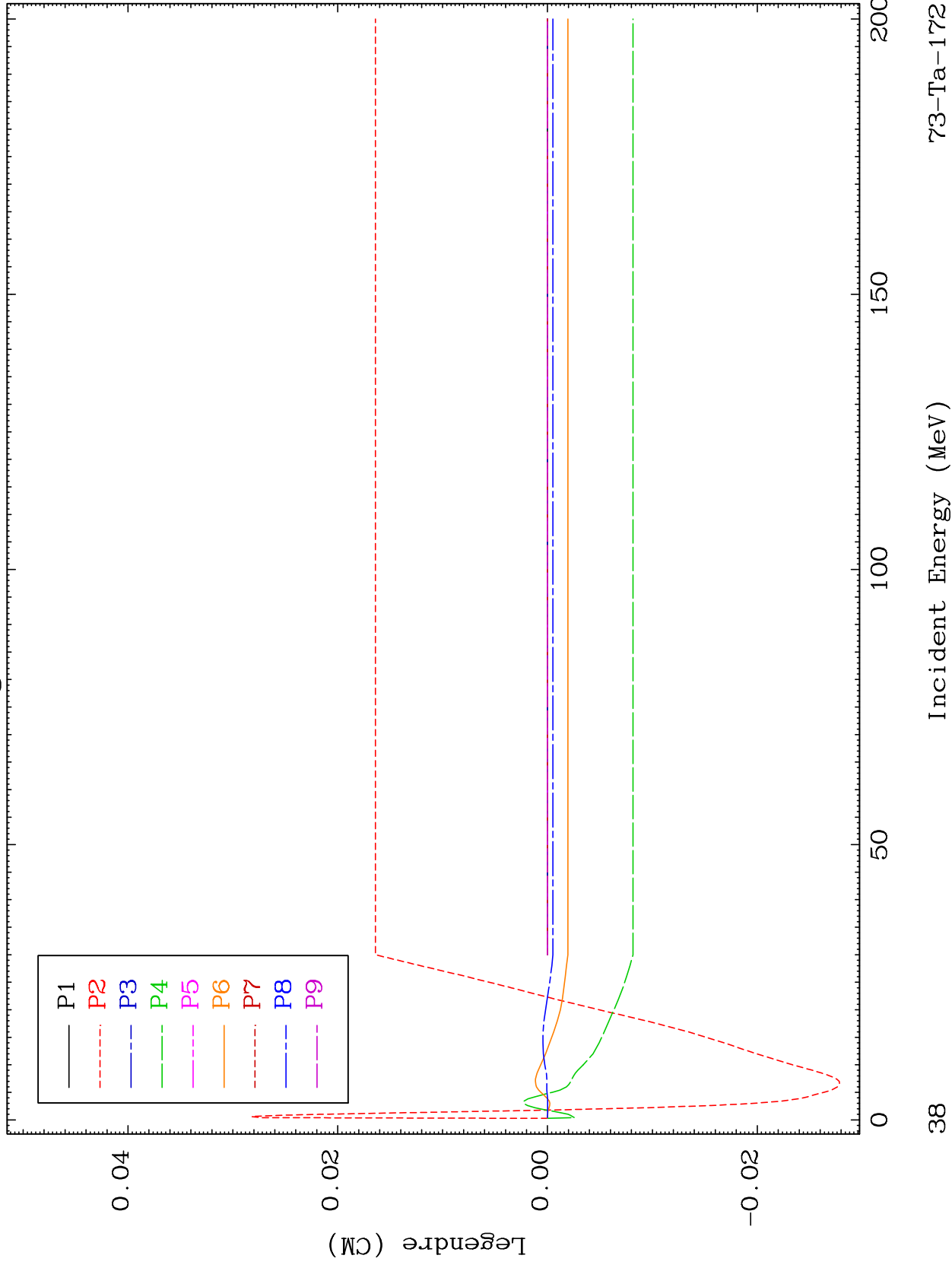
73-Ta-172



MAT 7301

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

73-Ta-172



73-Ta-172

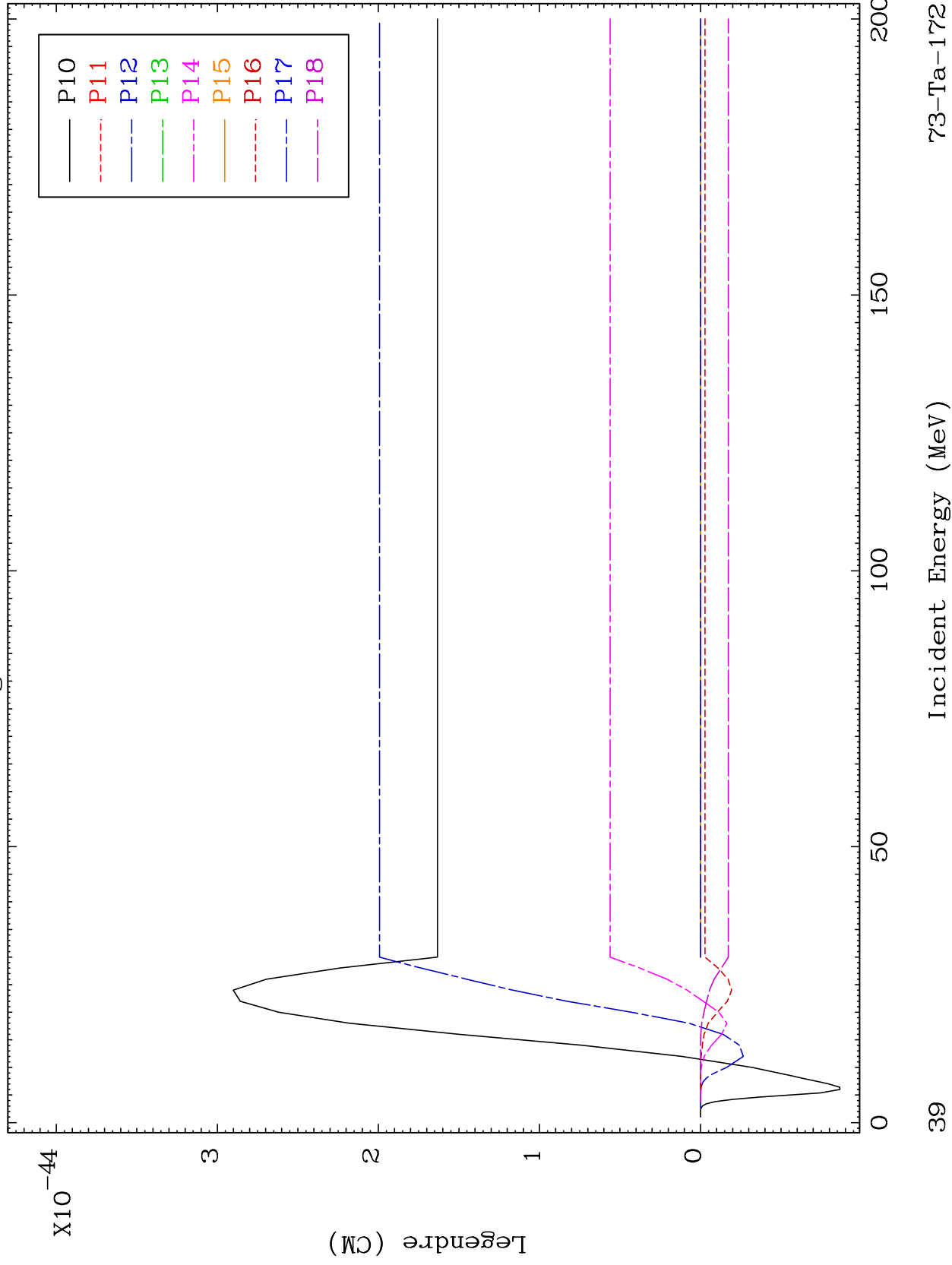
Incident Energy (MeV)

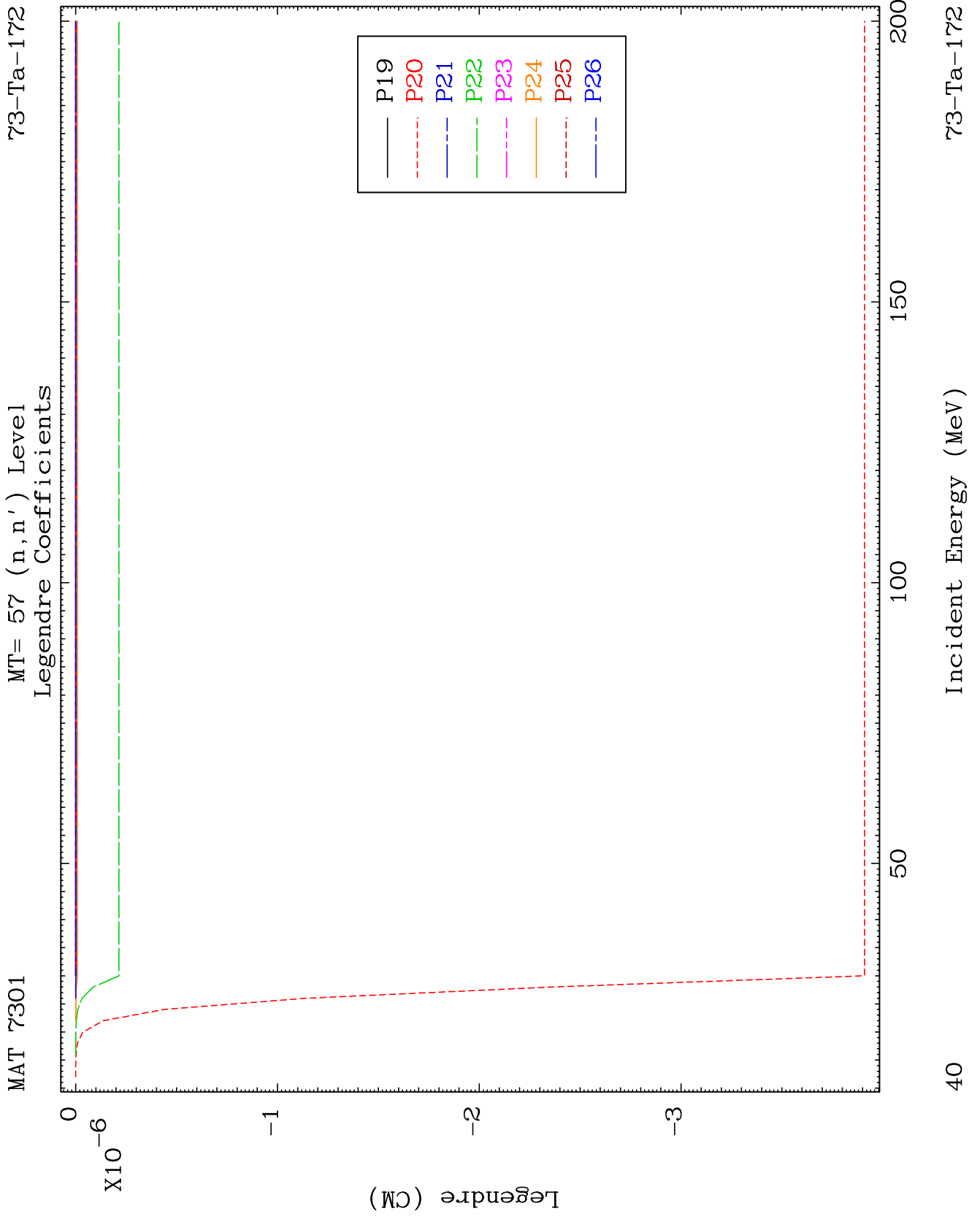
38

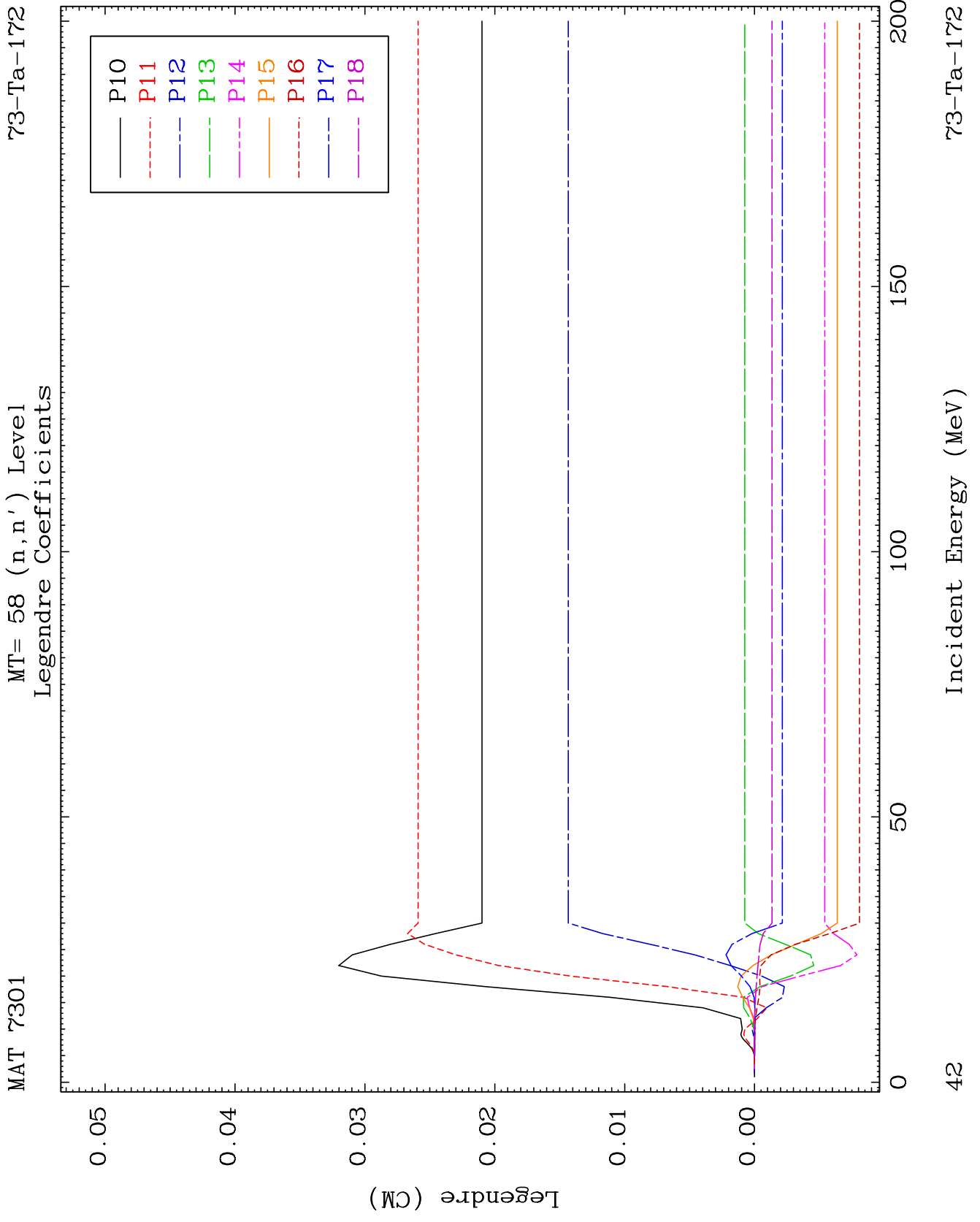
MAT 7301

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

73-Ta-172



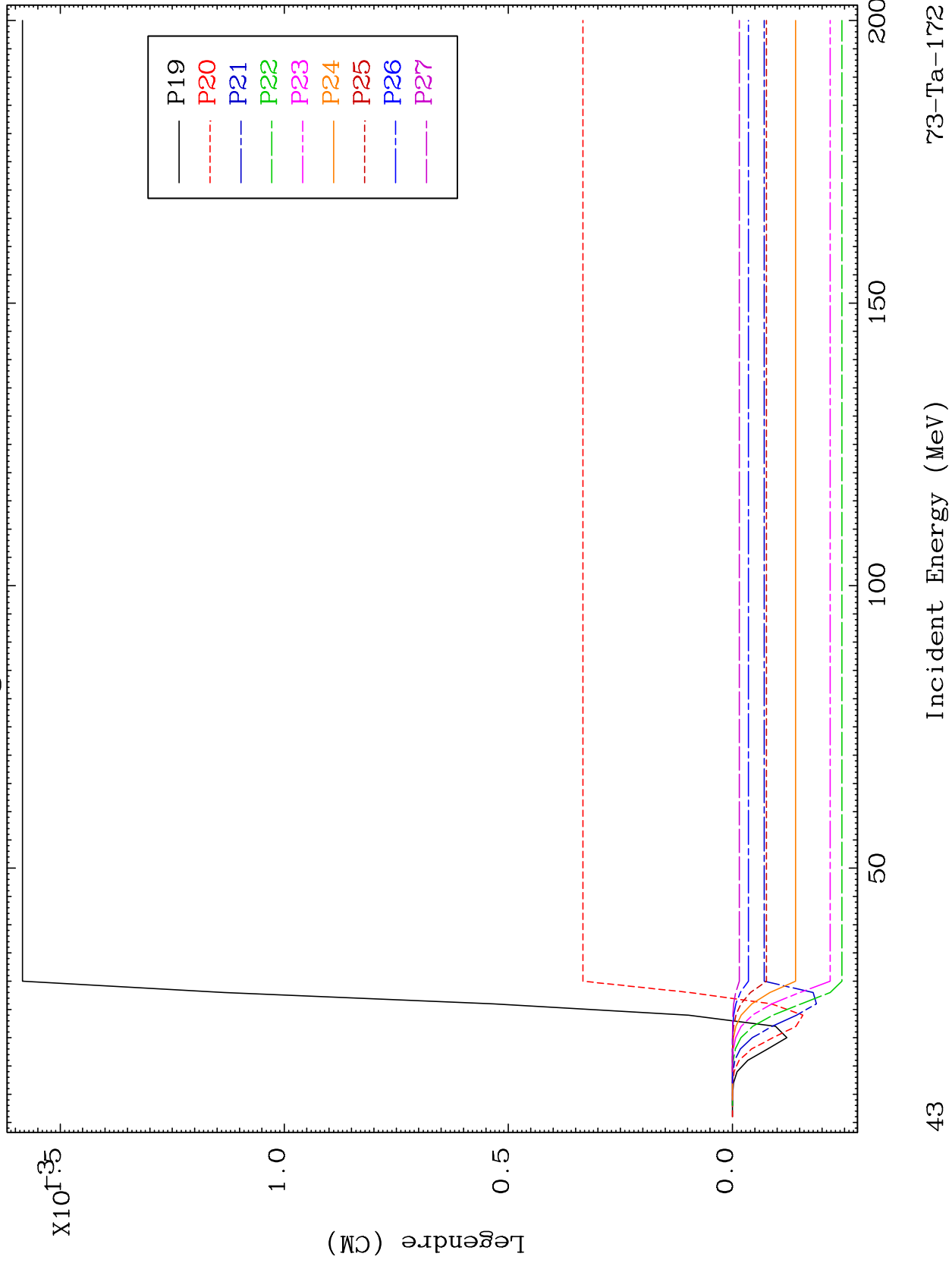




MAT 7301

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

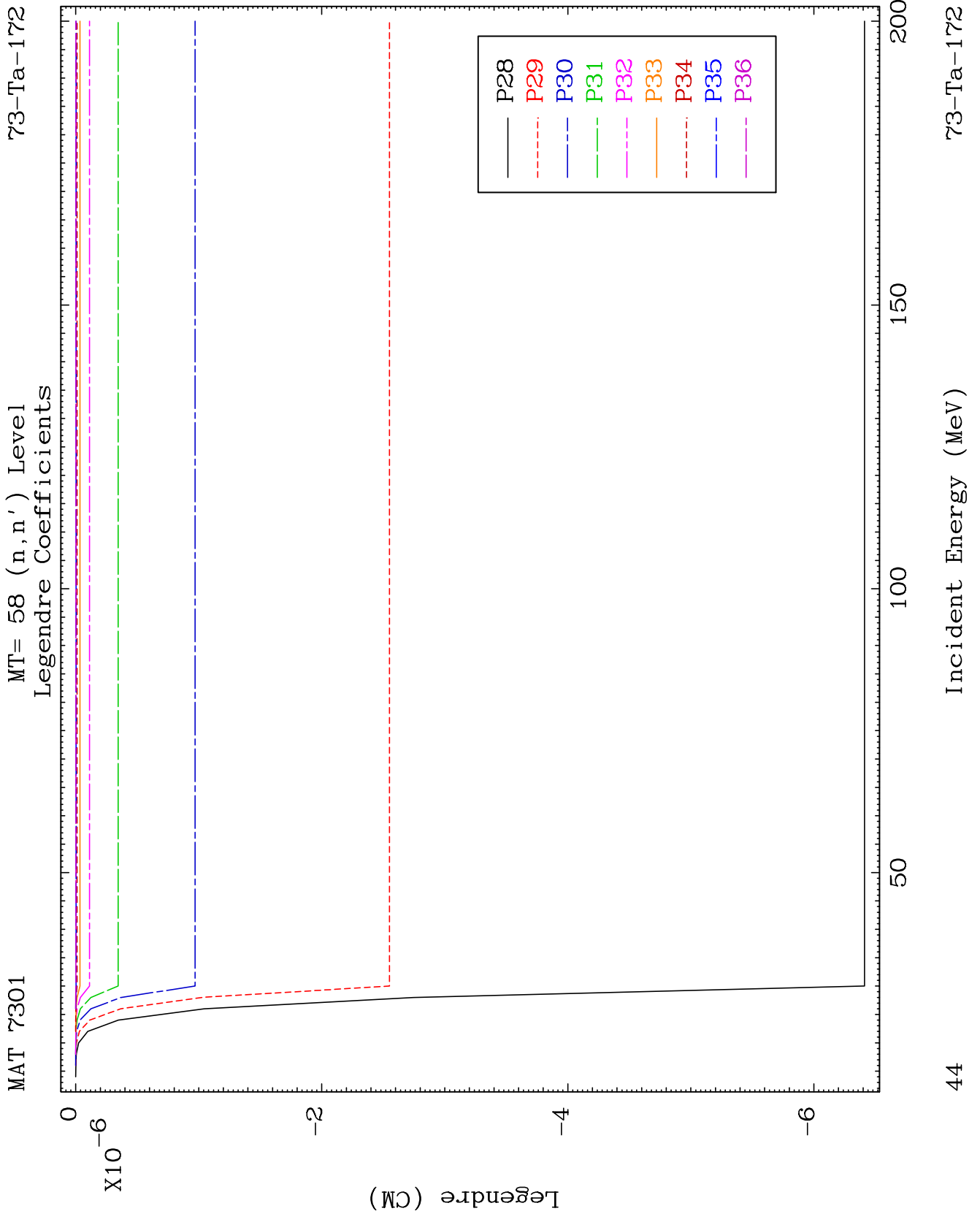
73-Ta-172



43

Incident Energy (MeV)

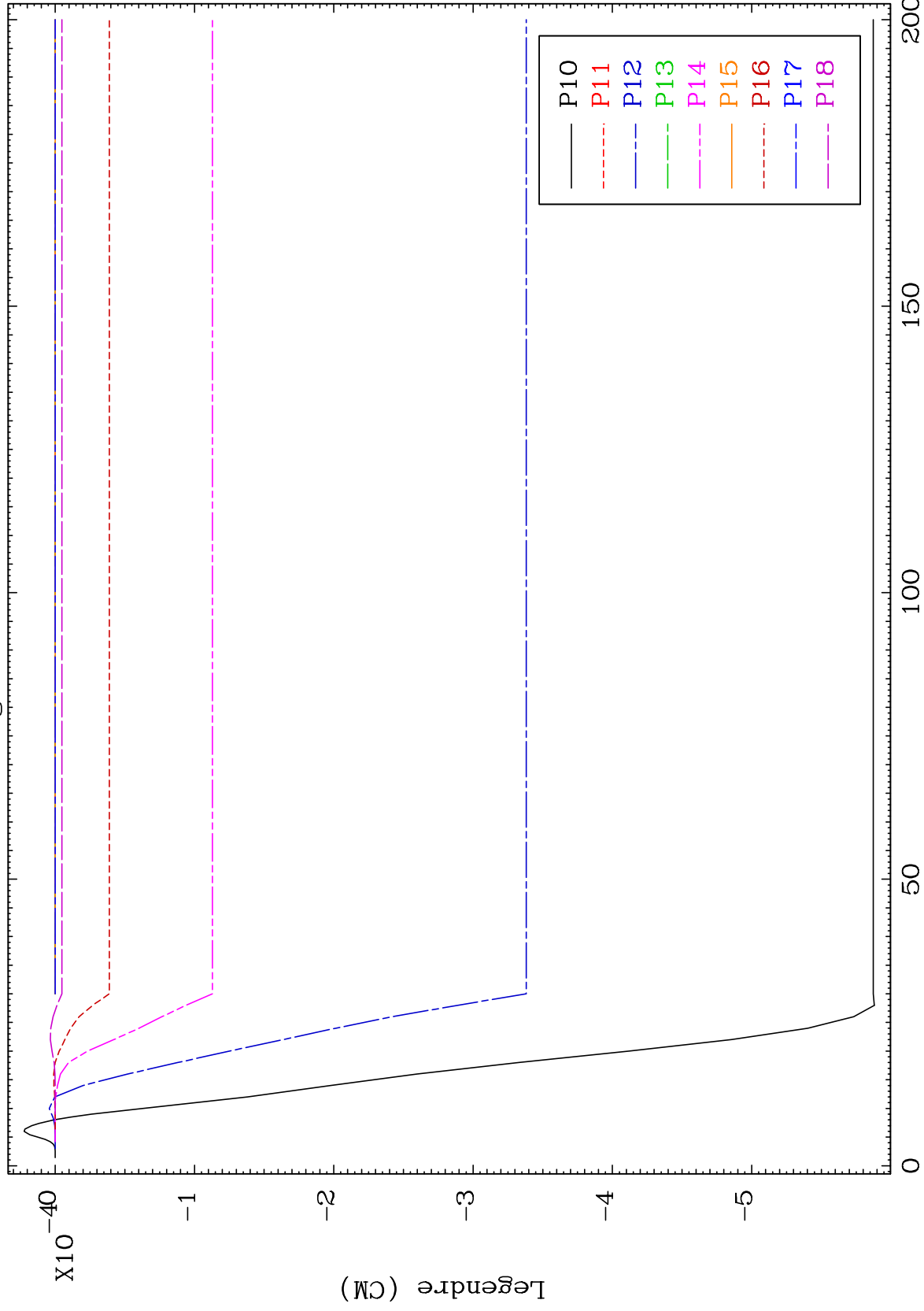
73-Ta-172



MAT 7301

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

73-Ta-172



46

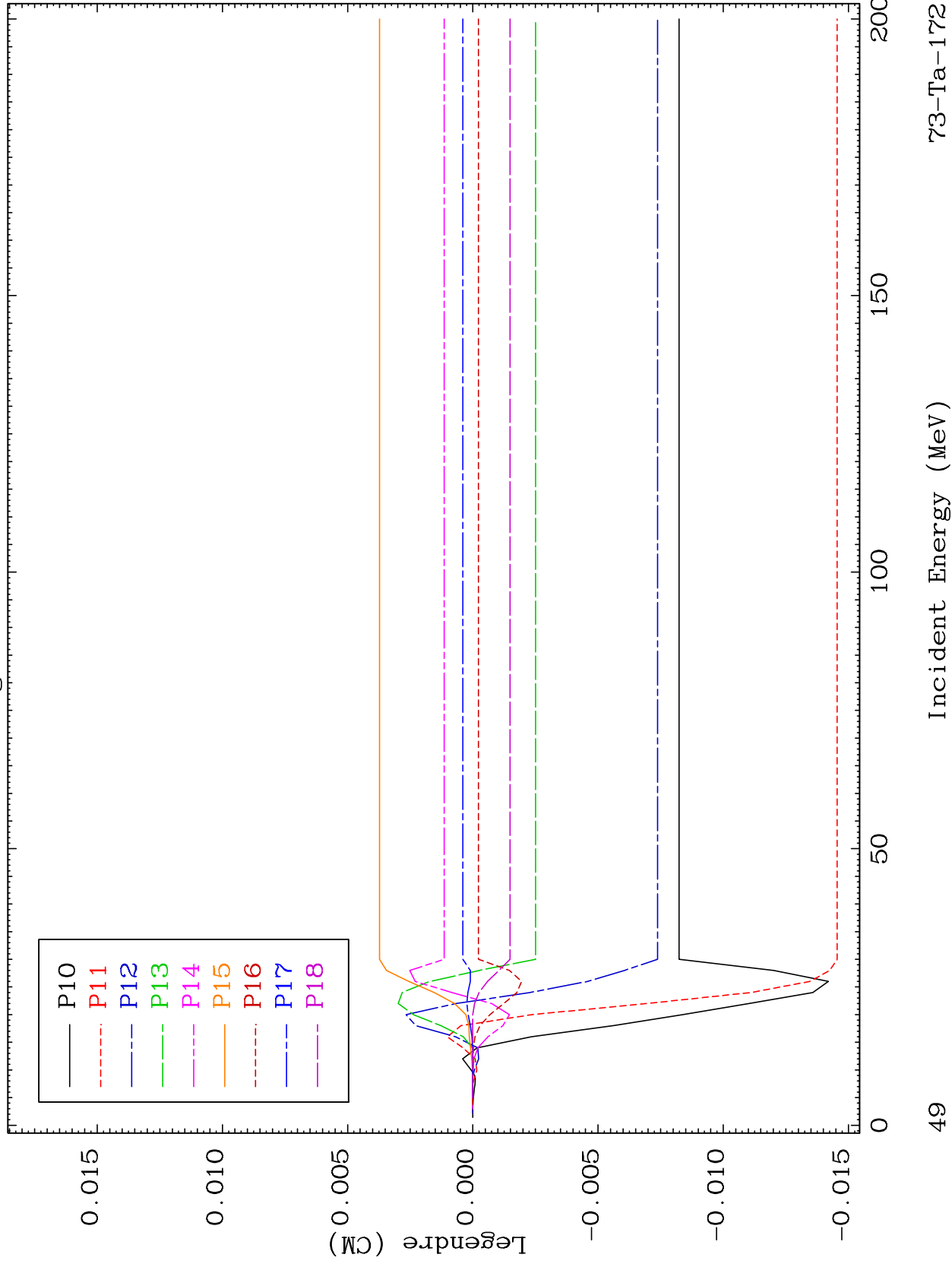
Incident Energy (MeV)

73-Ta-172

MAT 7301

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

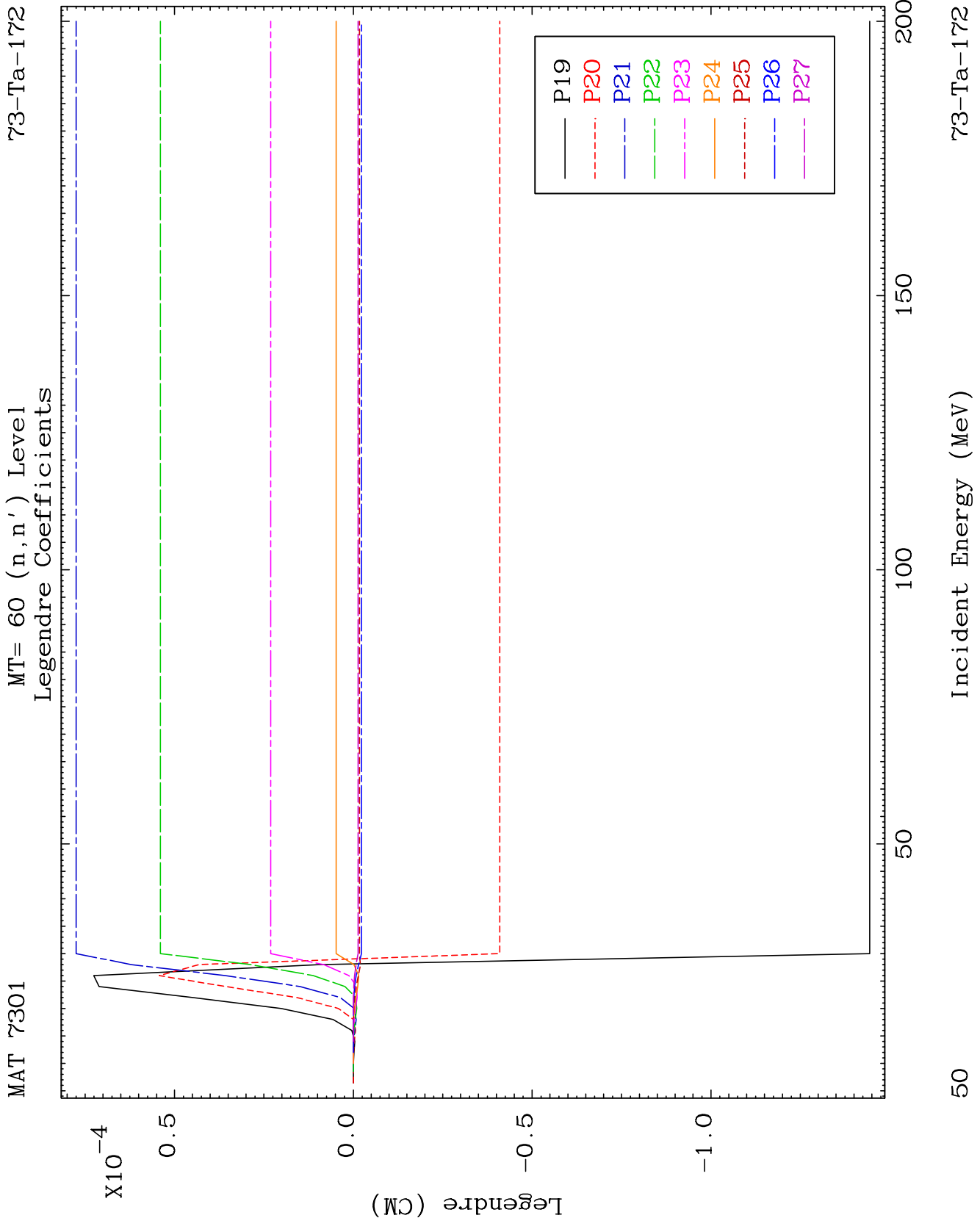
73-Ta-172

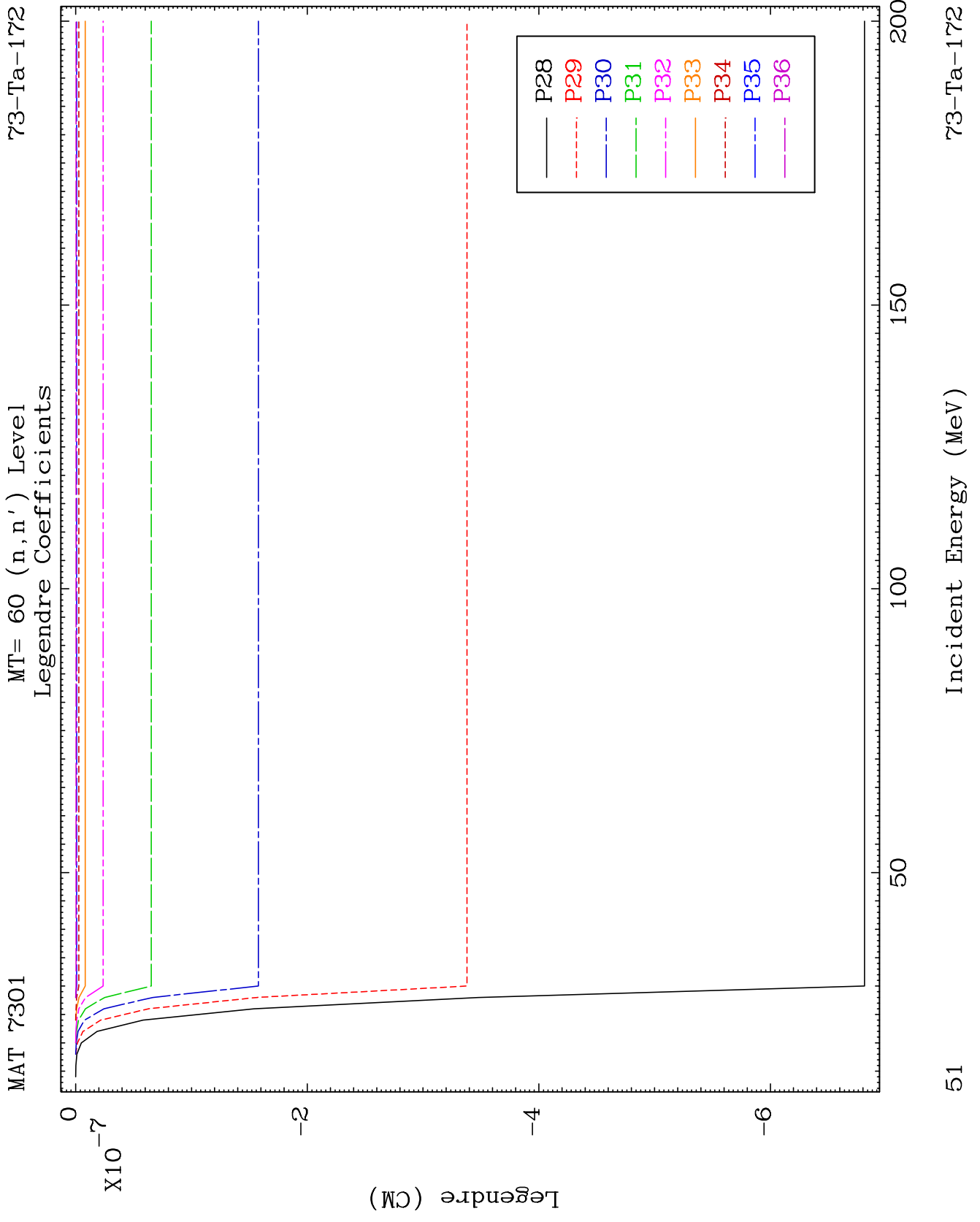


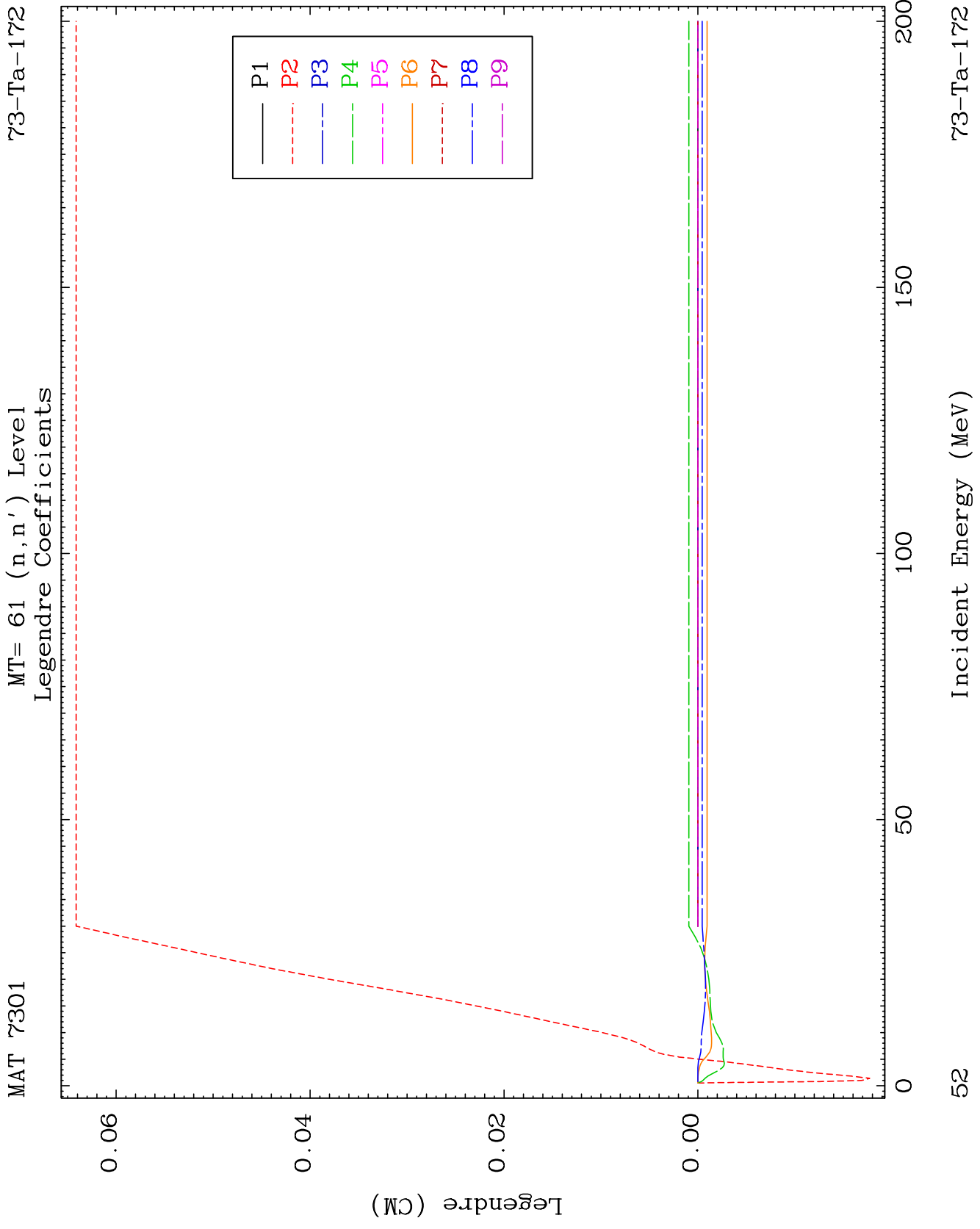
49

Incident Energy (MeV)

73-Ta-172



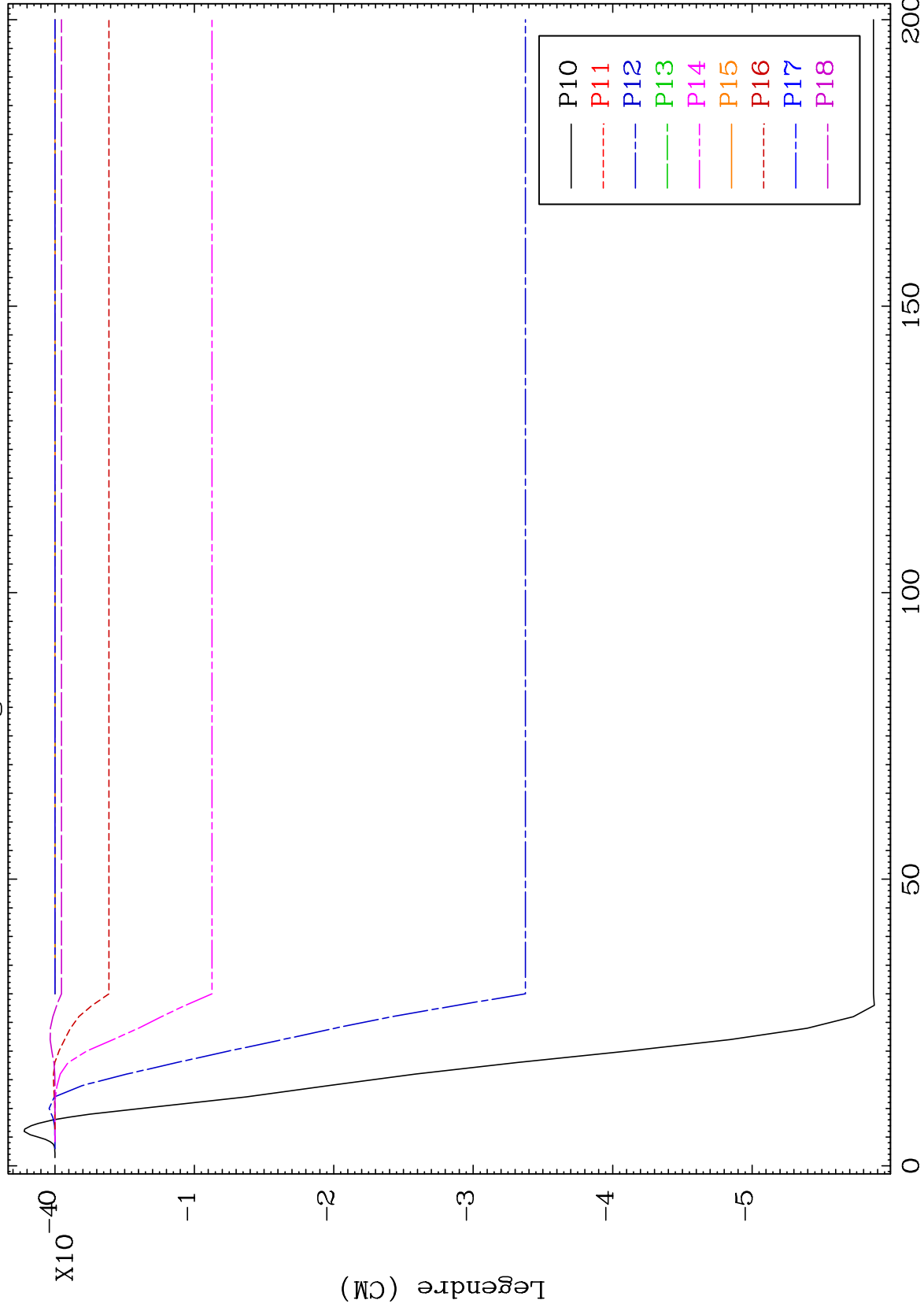




MAT 7301

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

73-Ta-172



53

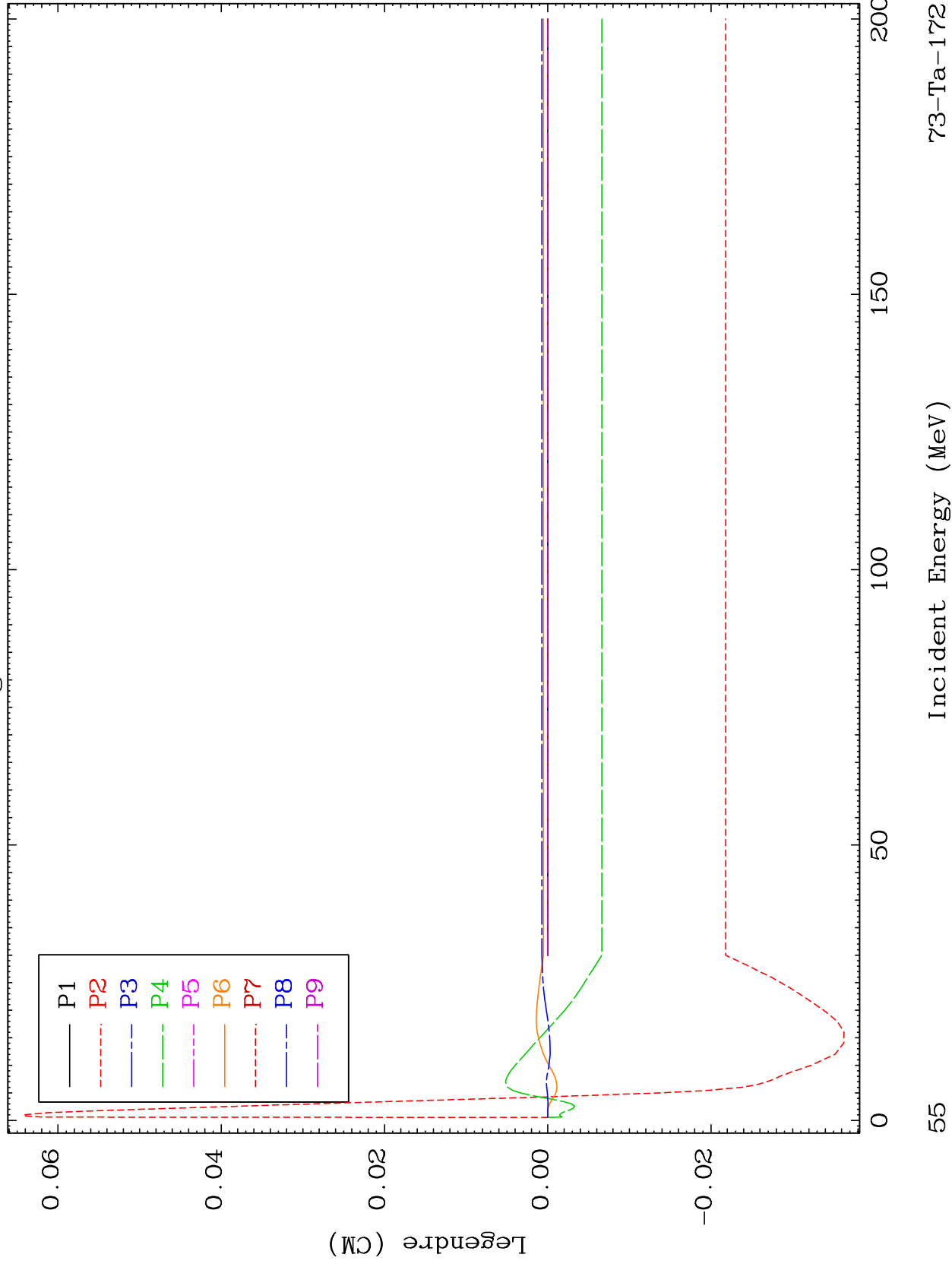
Incident Energy (MeV)

73-Ta-172

MAT 7301

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

73-Ta-172



73-Ta-172

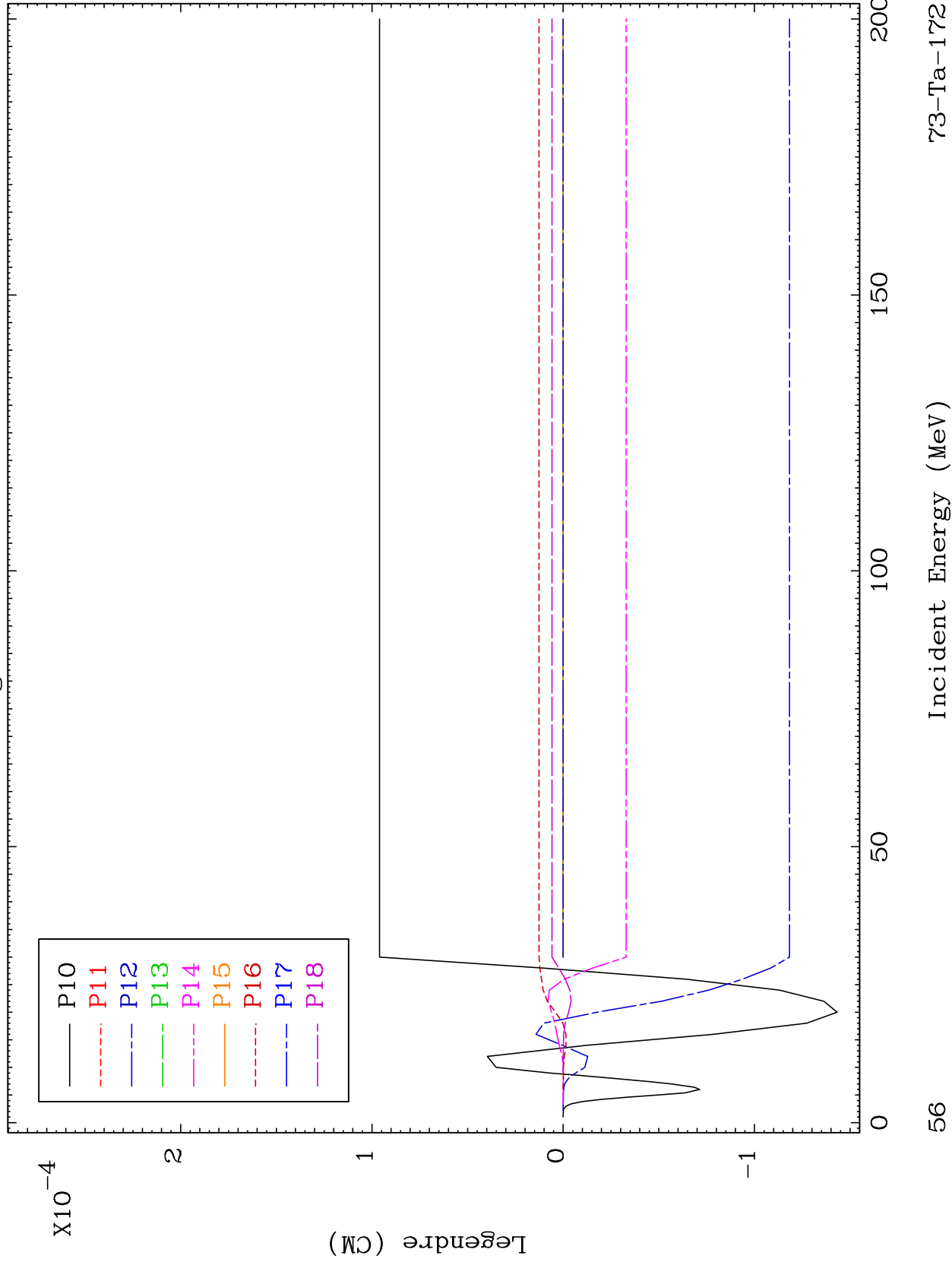
Incident Energy (MeV)

55

MAT 7301

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

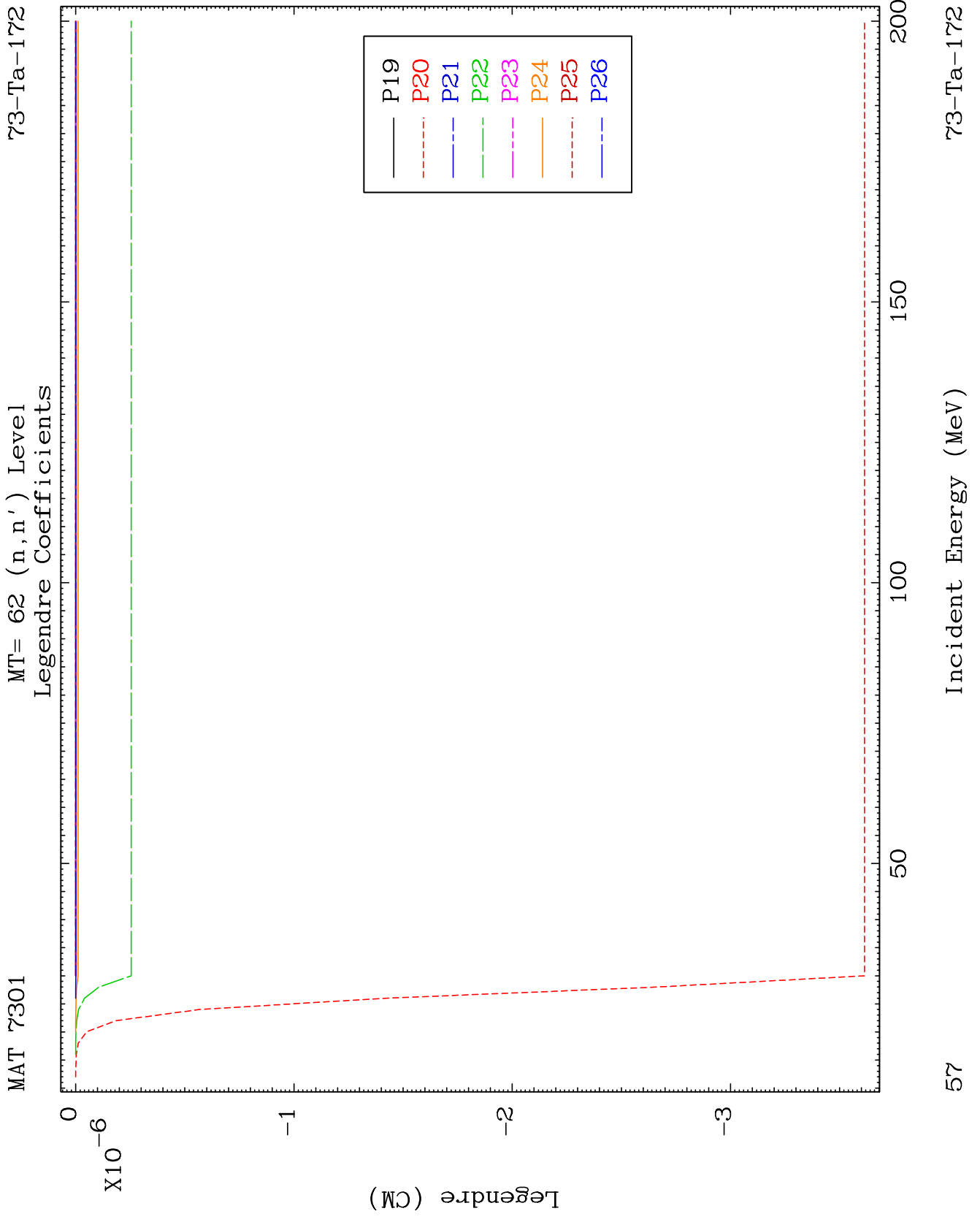
73-Ta-172

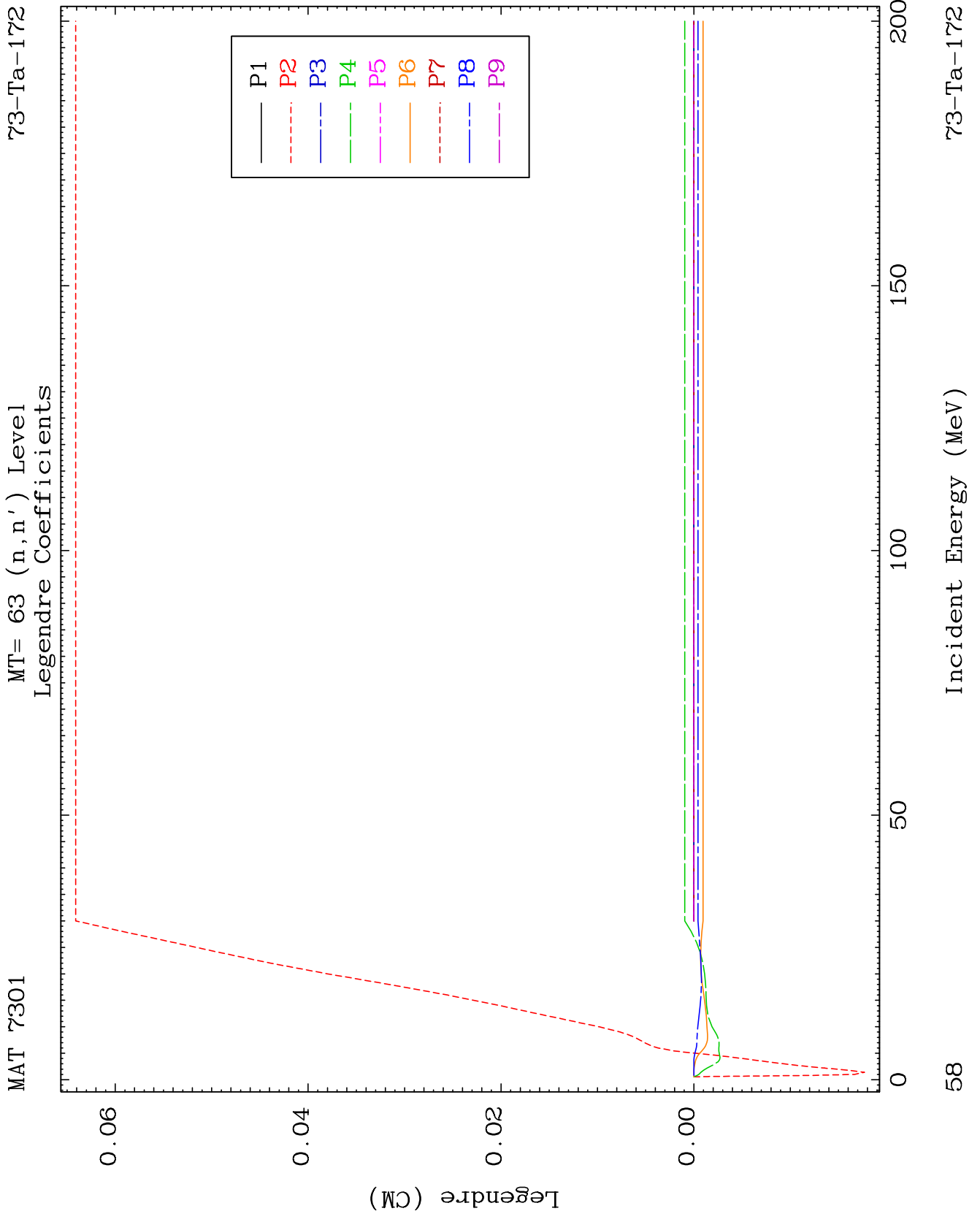


56

Incident Energy (MeV)

73-Ta-172

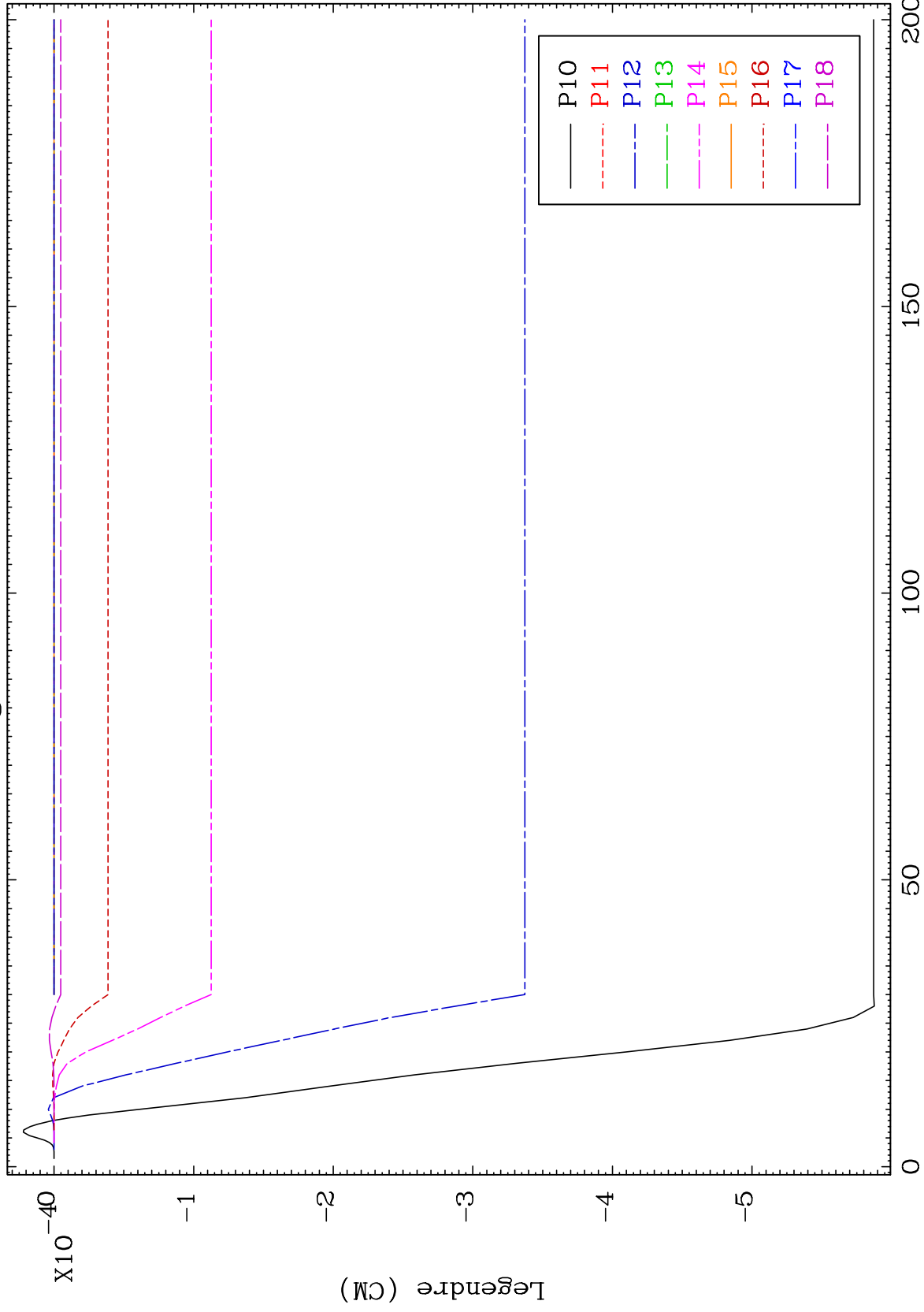




MAT 7301

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

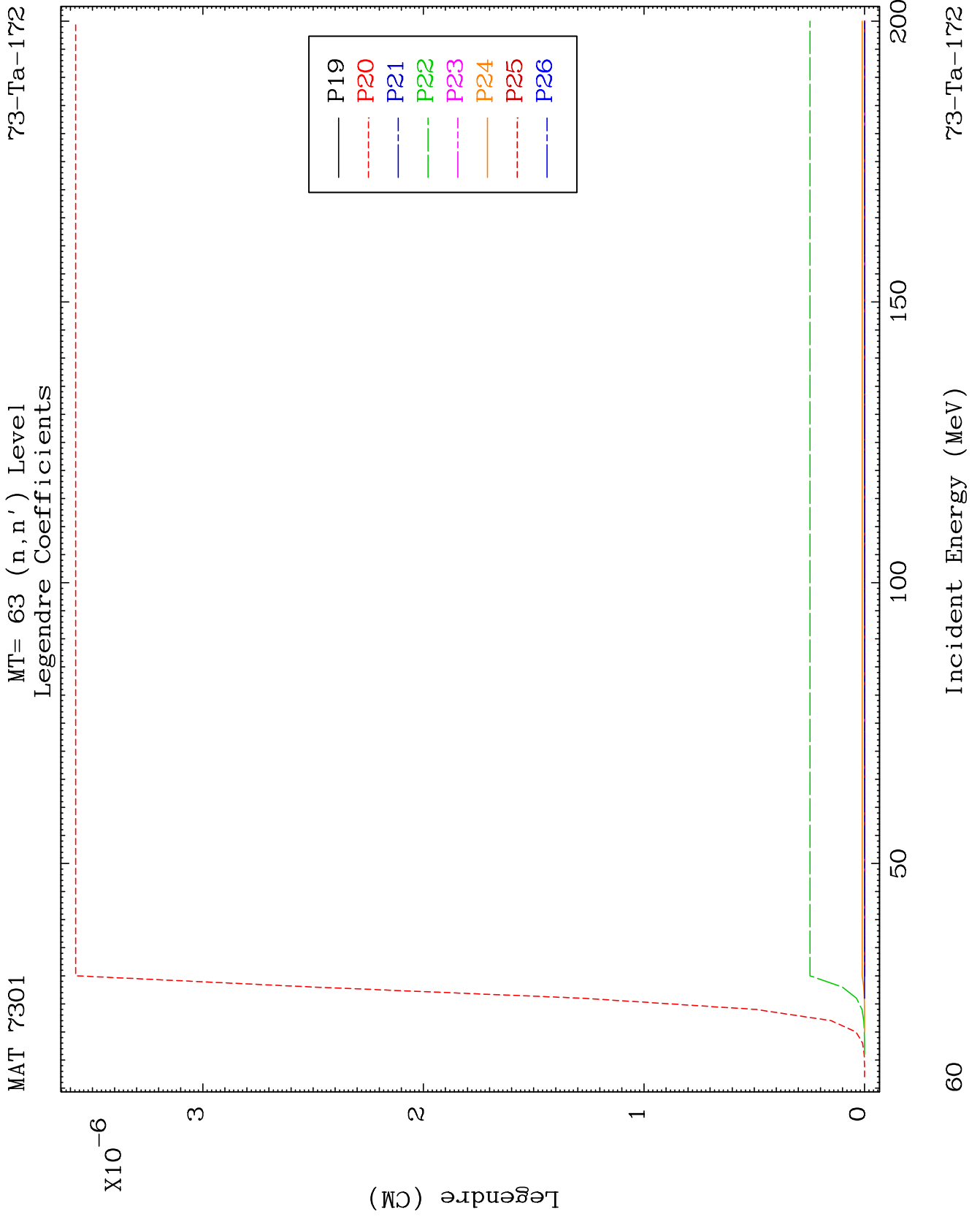
73-Ta-172



59

Incident Energy (MeV)

73-Ta-172

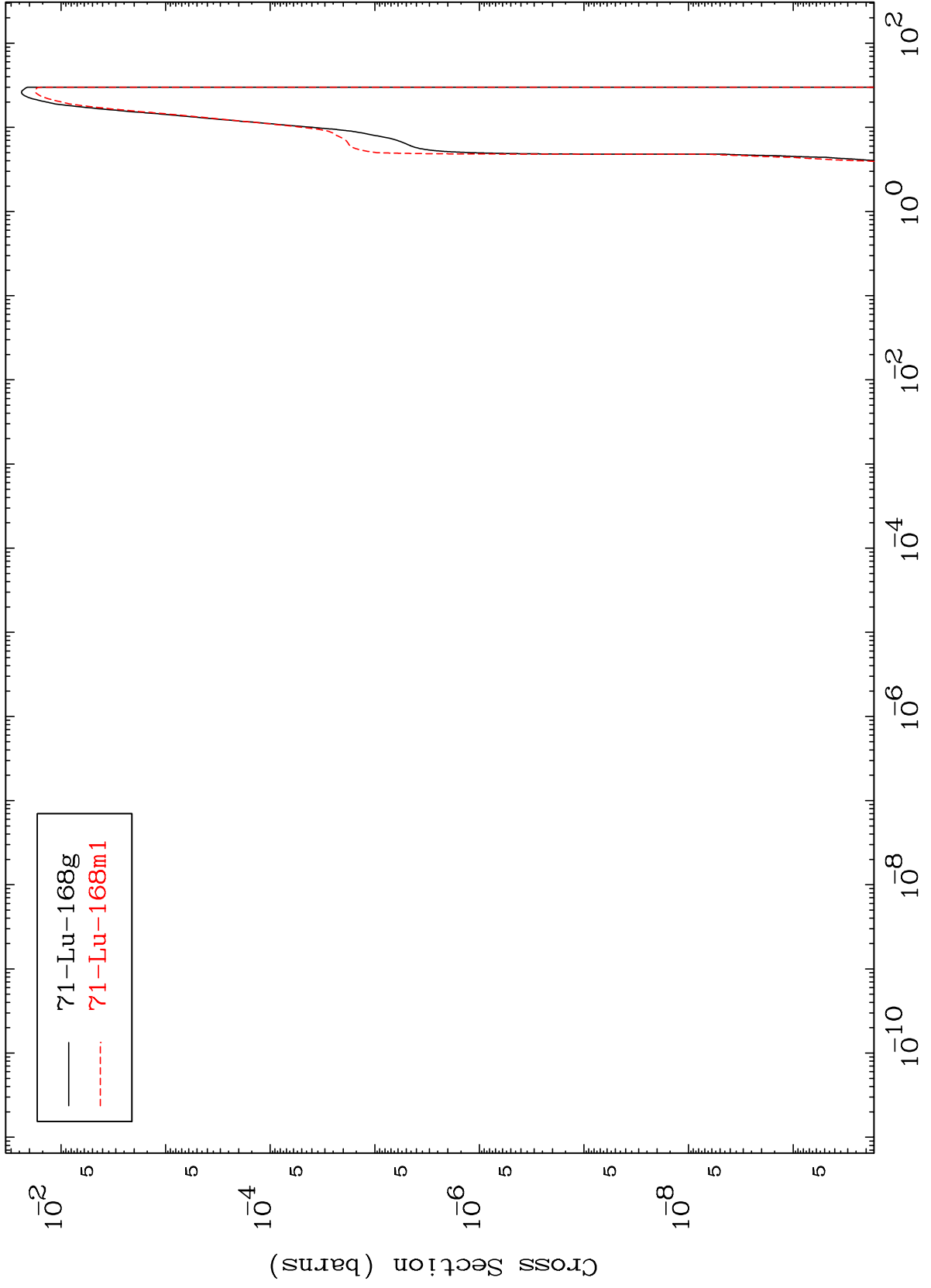


MAT 7301

$(n, n') \alpha$

73-Ta-172

Radionuclide Production Cross Section



61

Incident Energy (MeV)

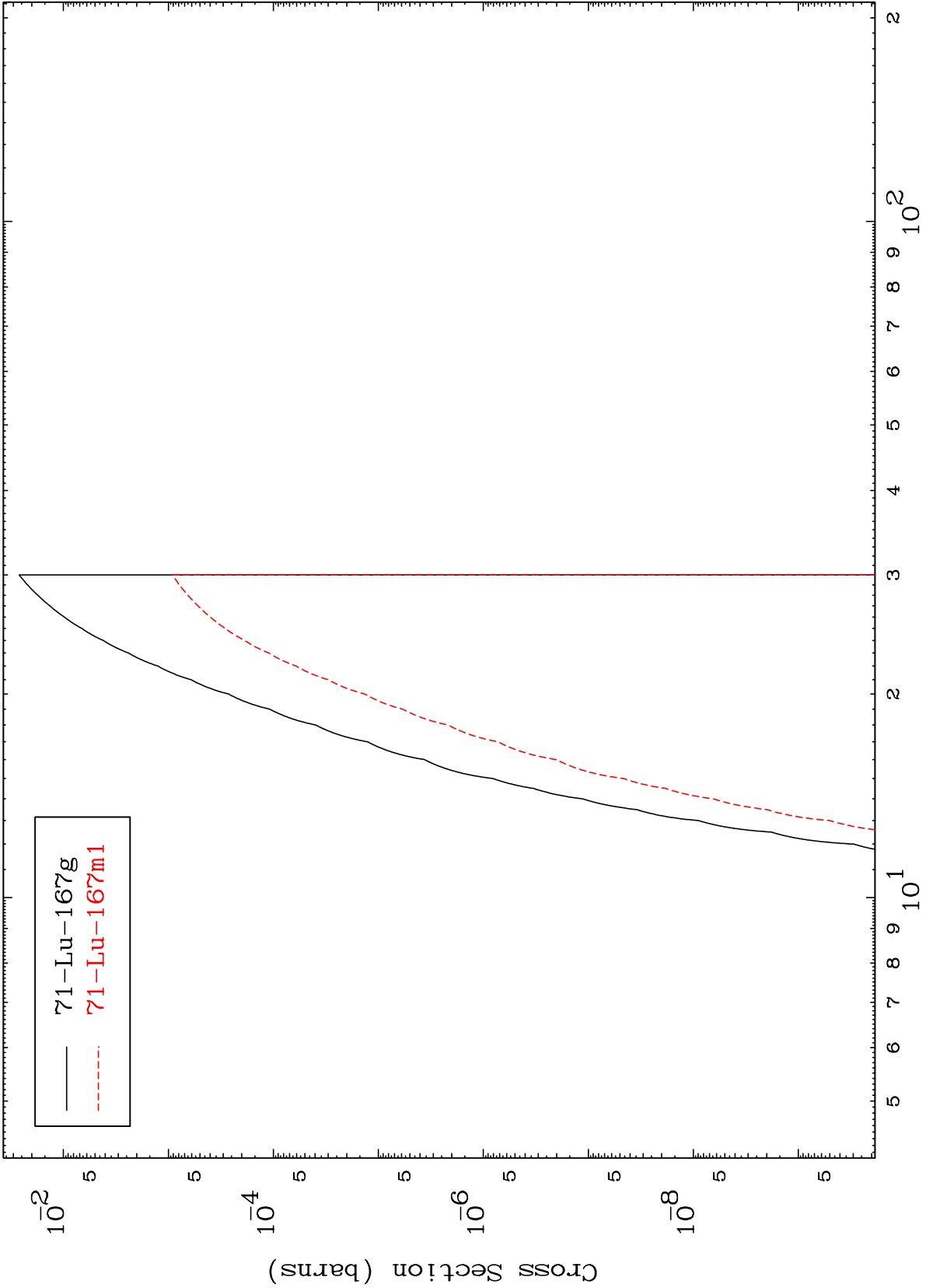
73-Ta-172

MAT 7301

(n,2n) α

73-Ta-172

Radionuclide Production Cross Section



62

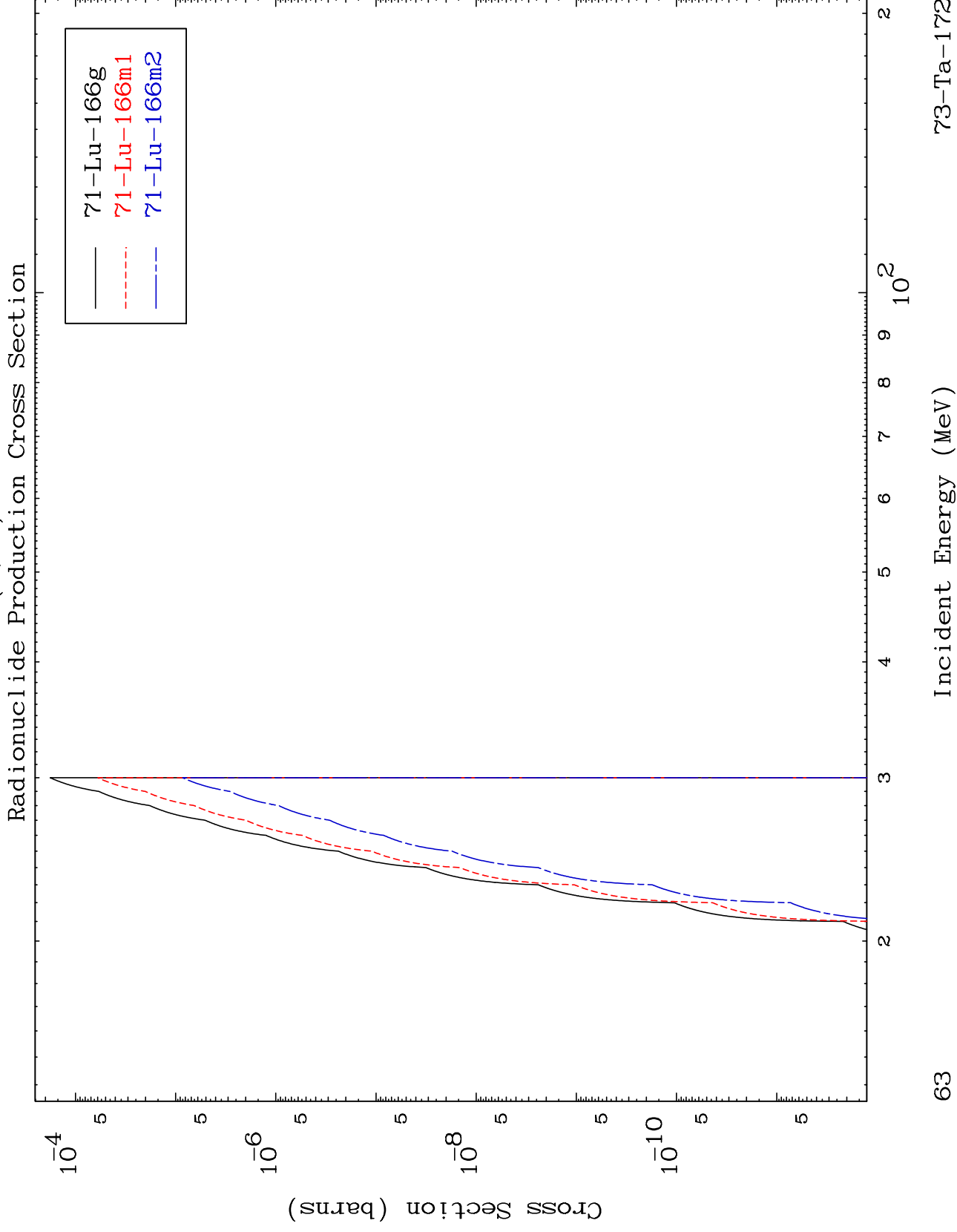
Incident Energy (MeV)

73-Ta-172

MAT 7301

(n,3n) α

73-Ta-172

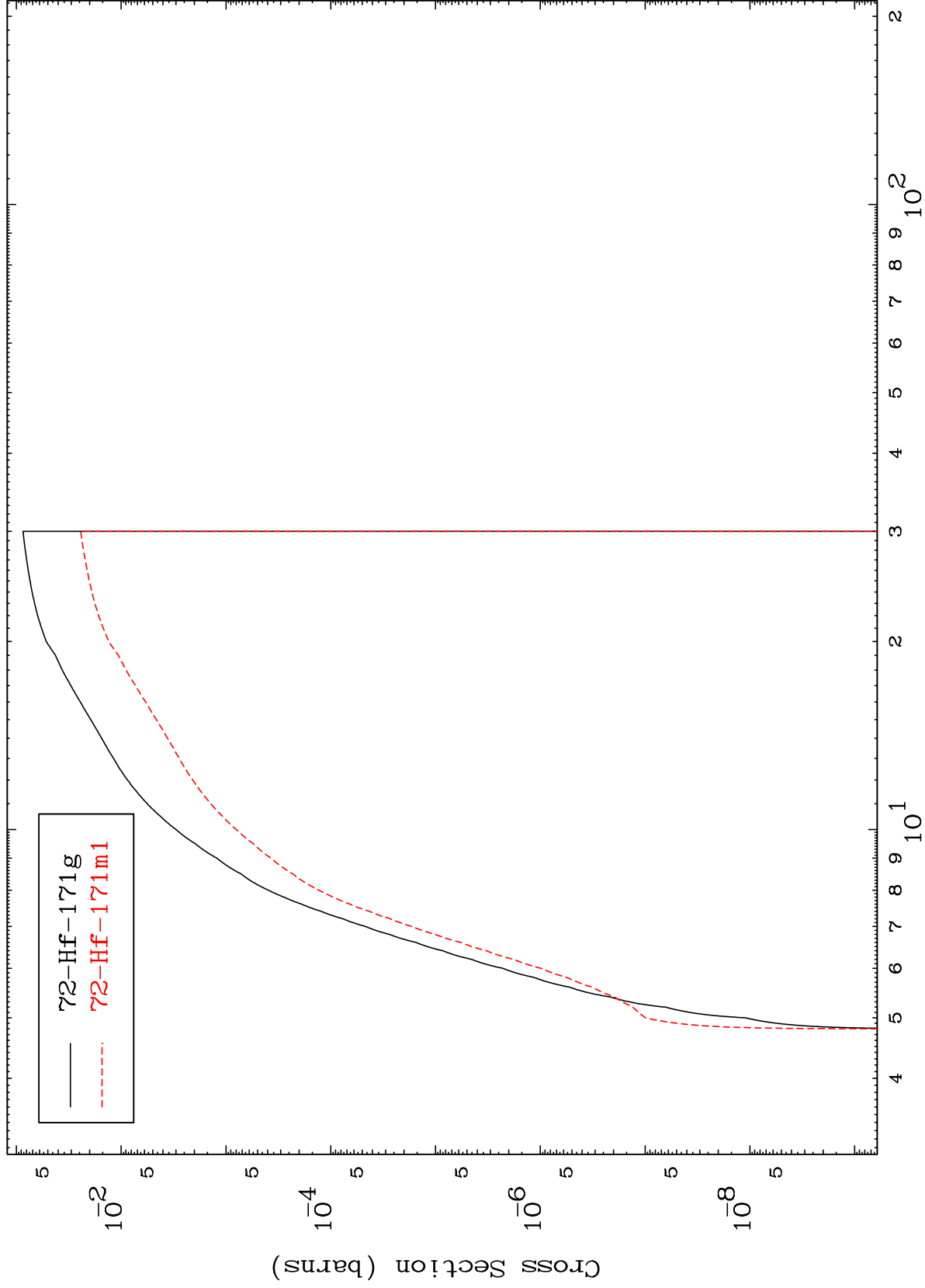


63

MAT 7301

73-Ta-172

(n,n') p
Radionuclide Production Cross Section



64

Incident Energy (MeV)

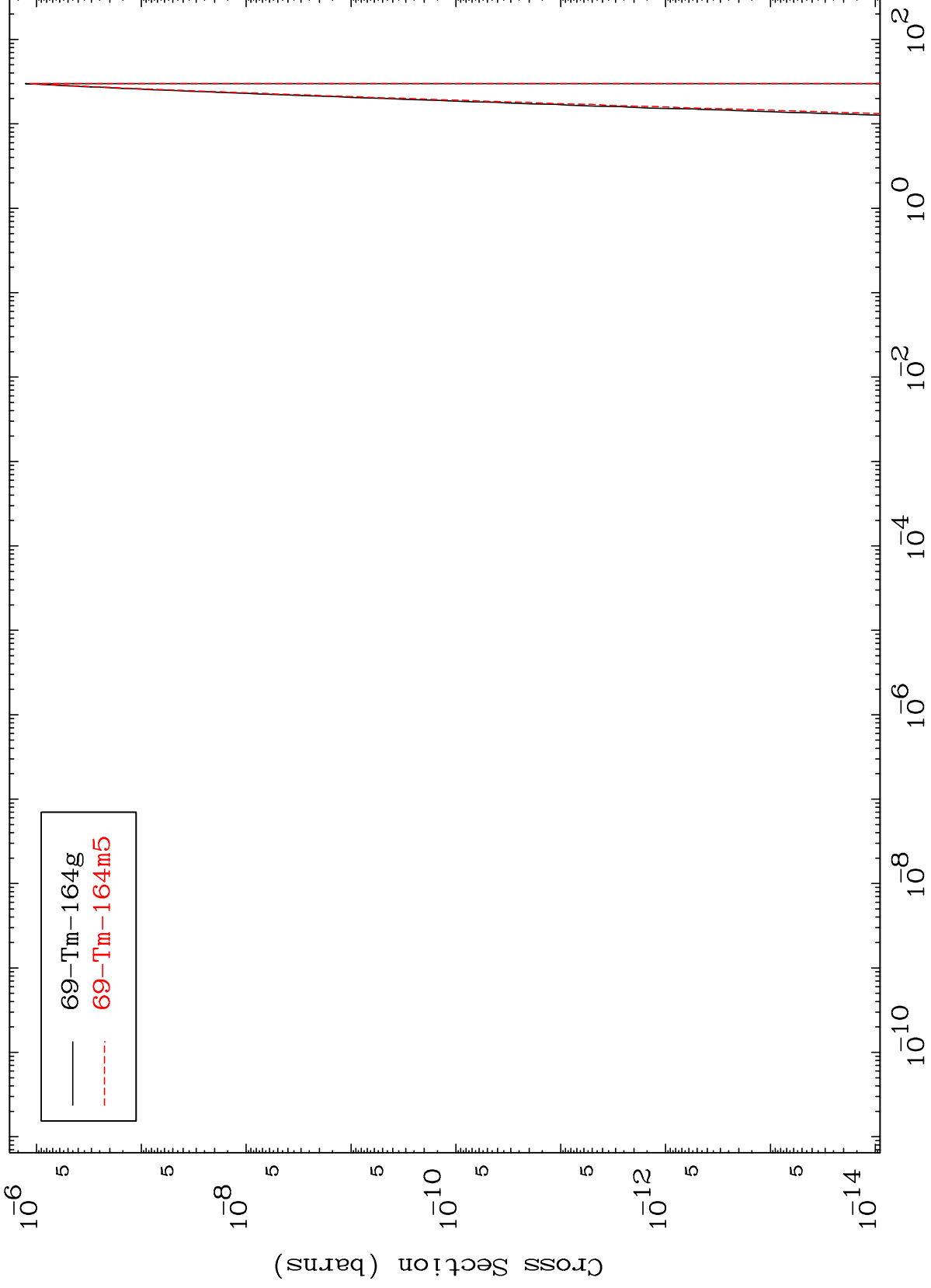
73-Ta-172

MAT 7301

(n,n') 2α

73-Ta-172

Radionuclide Production Cross Section



65

Incident Energy (MeV)

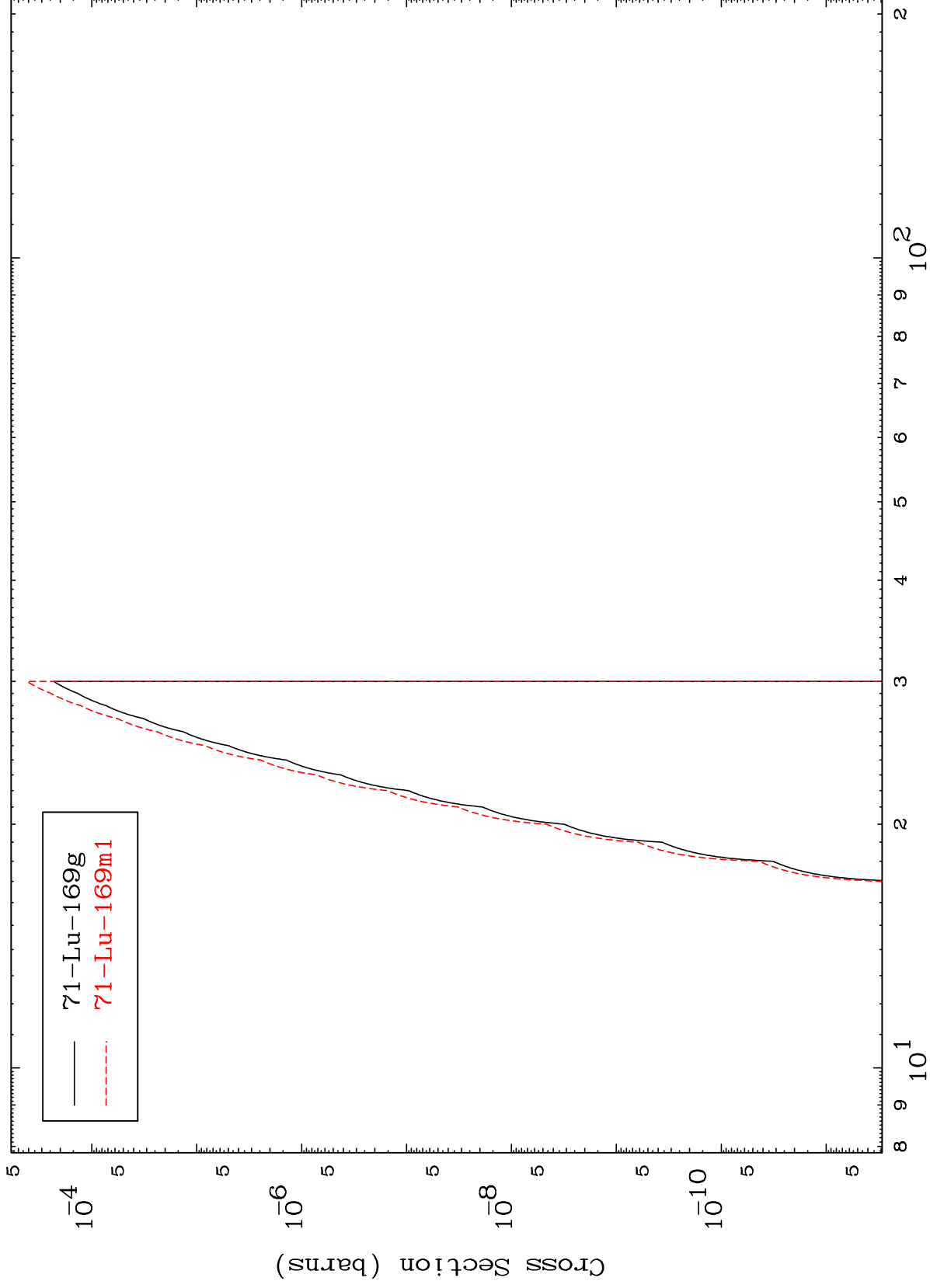
73-Ta-172

MAT 7301

(n,n') He-3

73-Ta-172

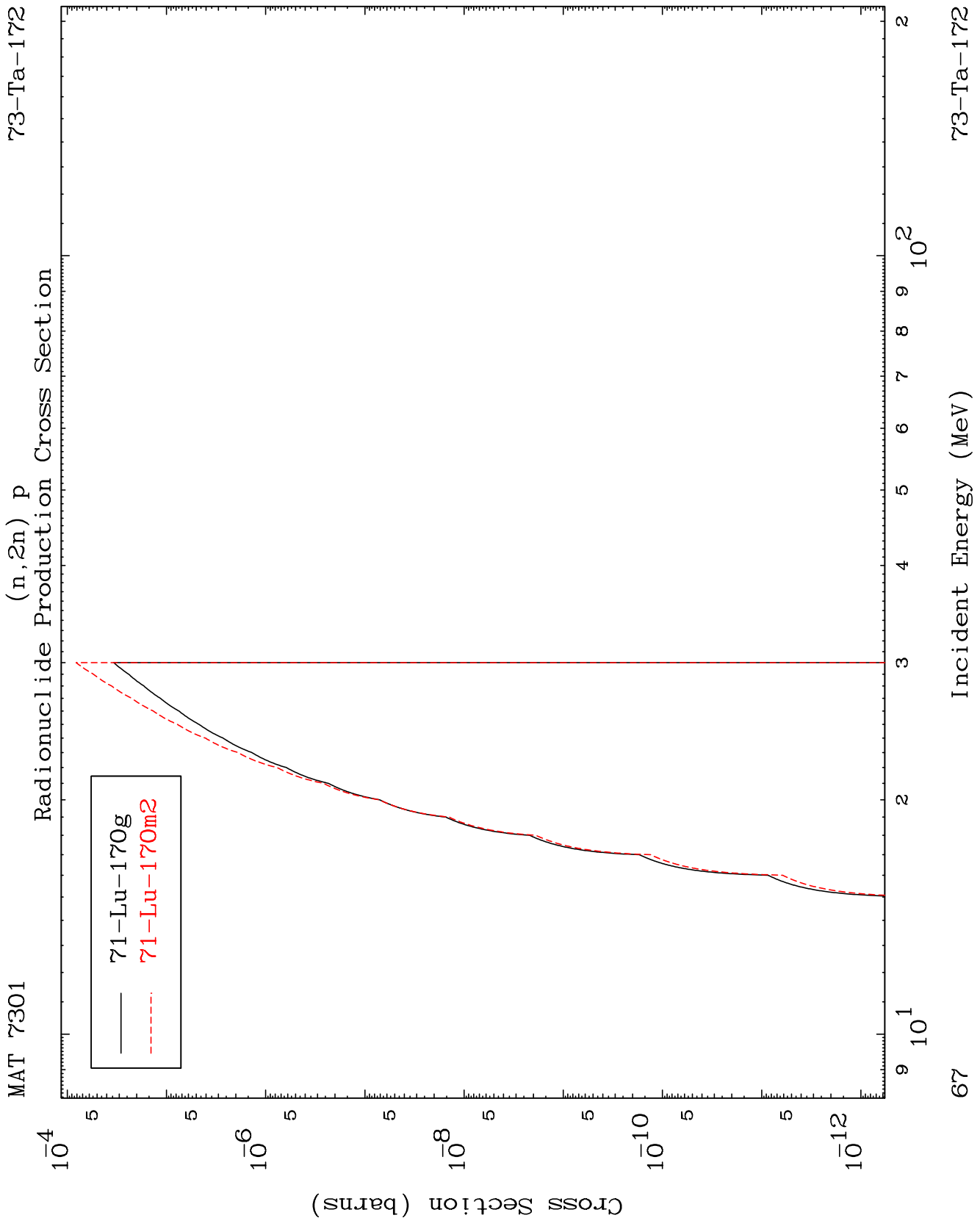
Radionuclide Production Cross Section



66

Incident Energy (MeV)

73-Ta-172

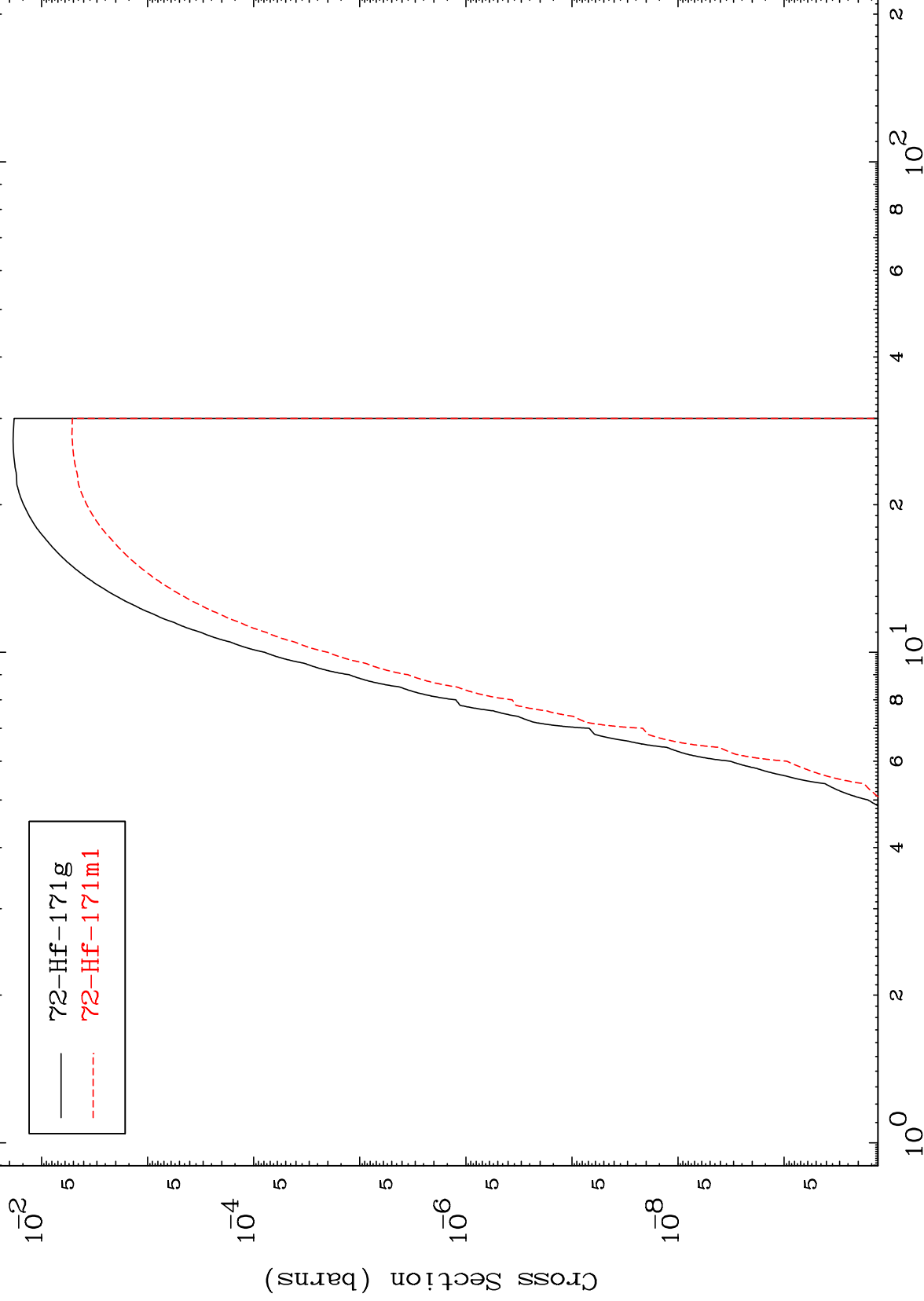


MAT 7301

(n,d)

73-Ta-172

Radionuclide Production Cross Section



72-Hf-171g
72-Hf-171m1

68

Incident Energy (MeV)

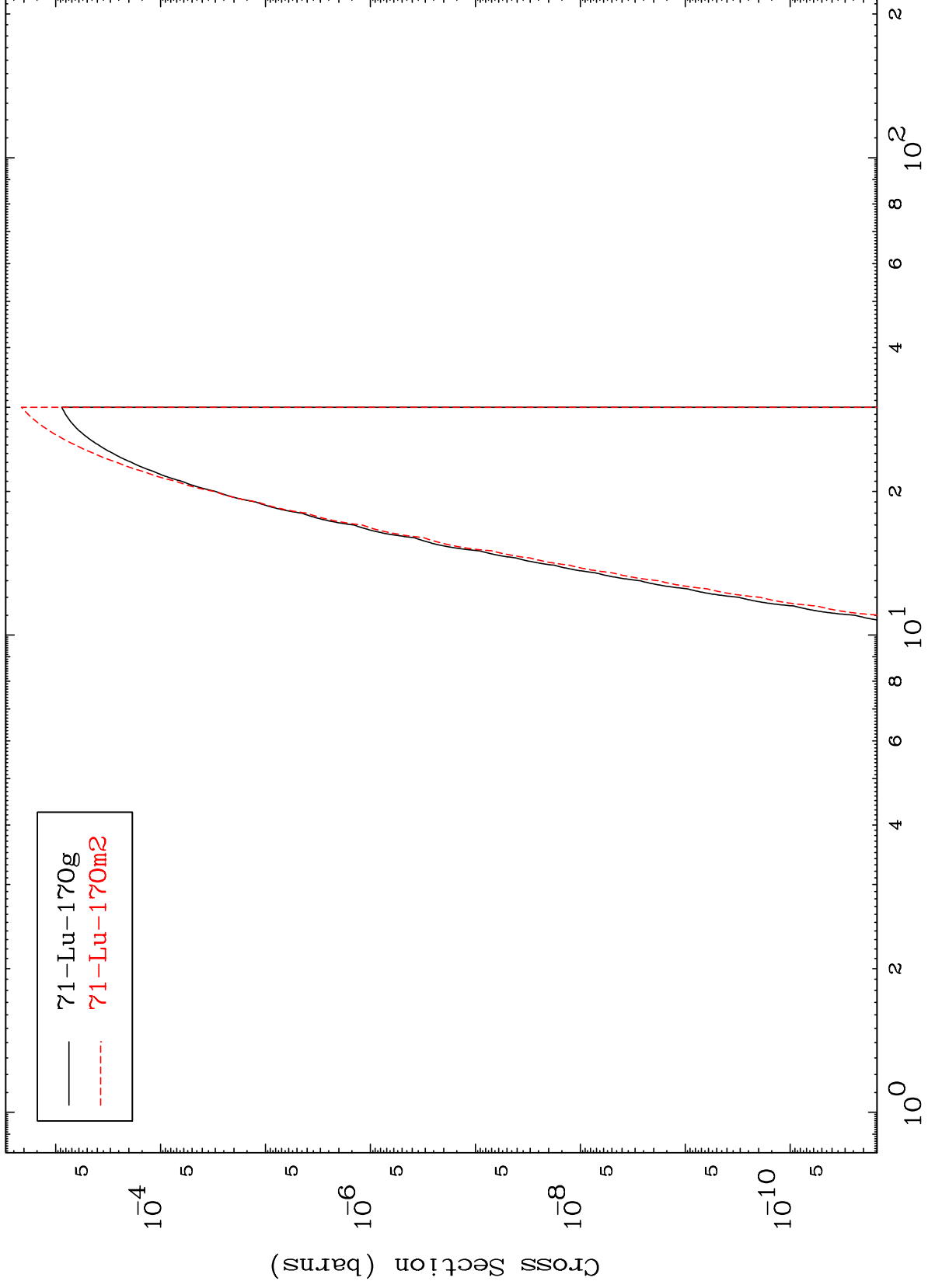
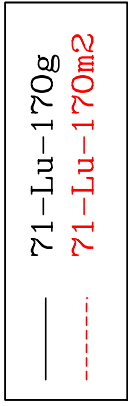
73-Ta-172

MAT 7301

(n,He-3)

73-Ta-172

Radionuclide Production Cross Section



69

Incident Energy (MeV)

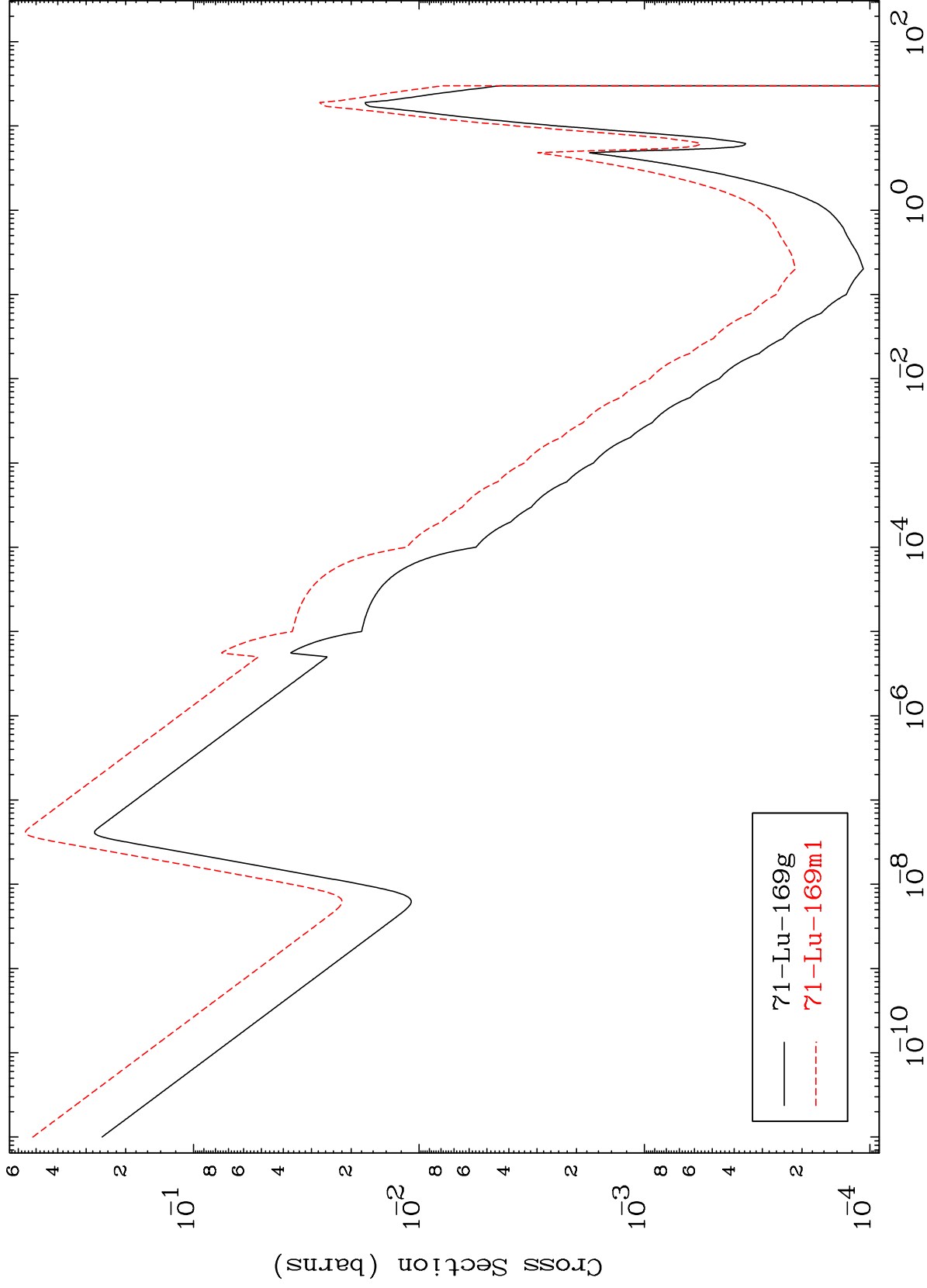
73-Ta-172

MAT 7301

73-Ta-172

Radionuclide Production Cross Section

(n, α)

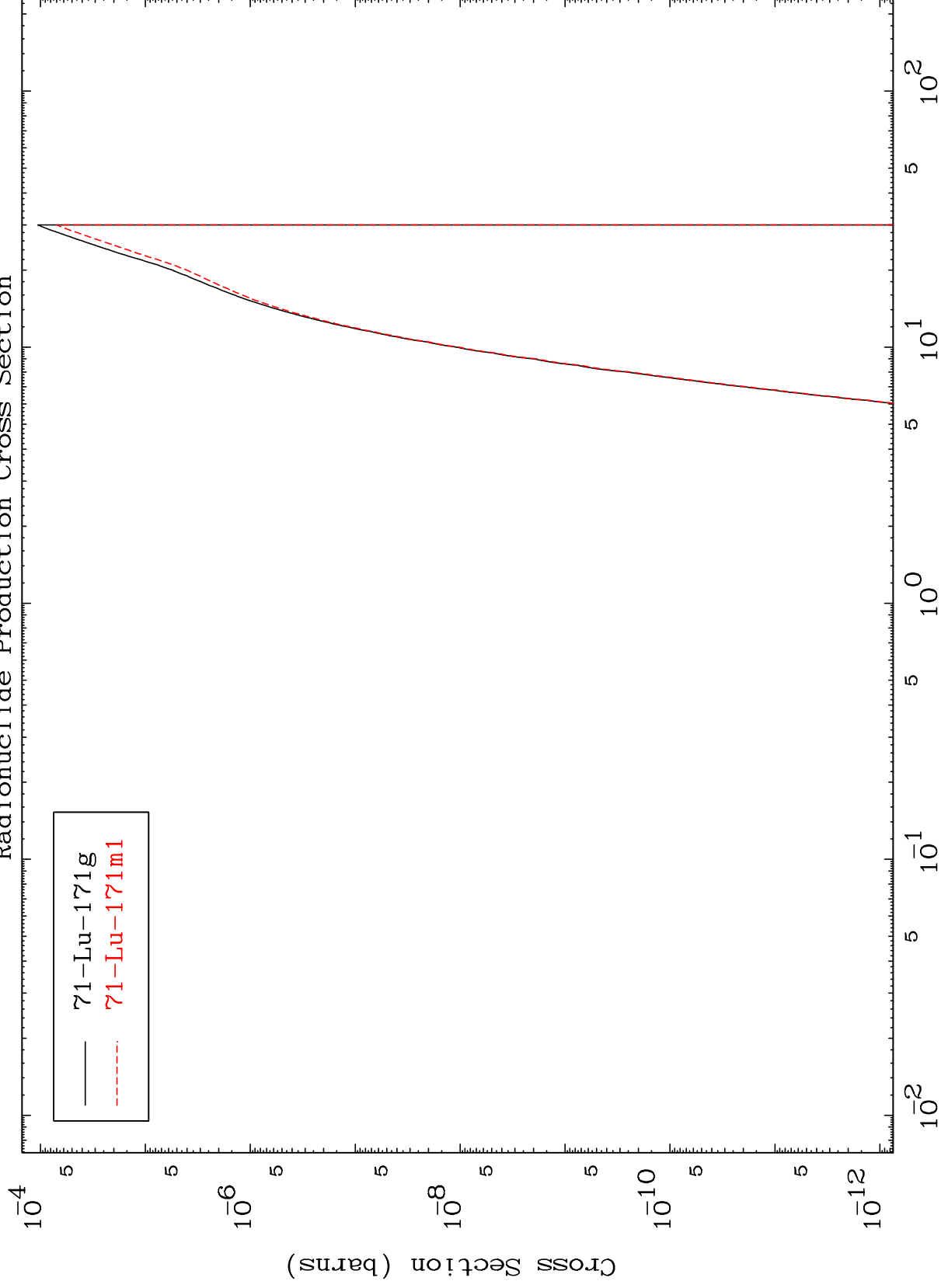


MAT 7301

(n,2p)

73-Ta-172

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-172

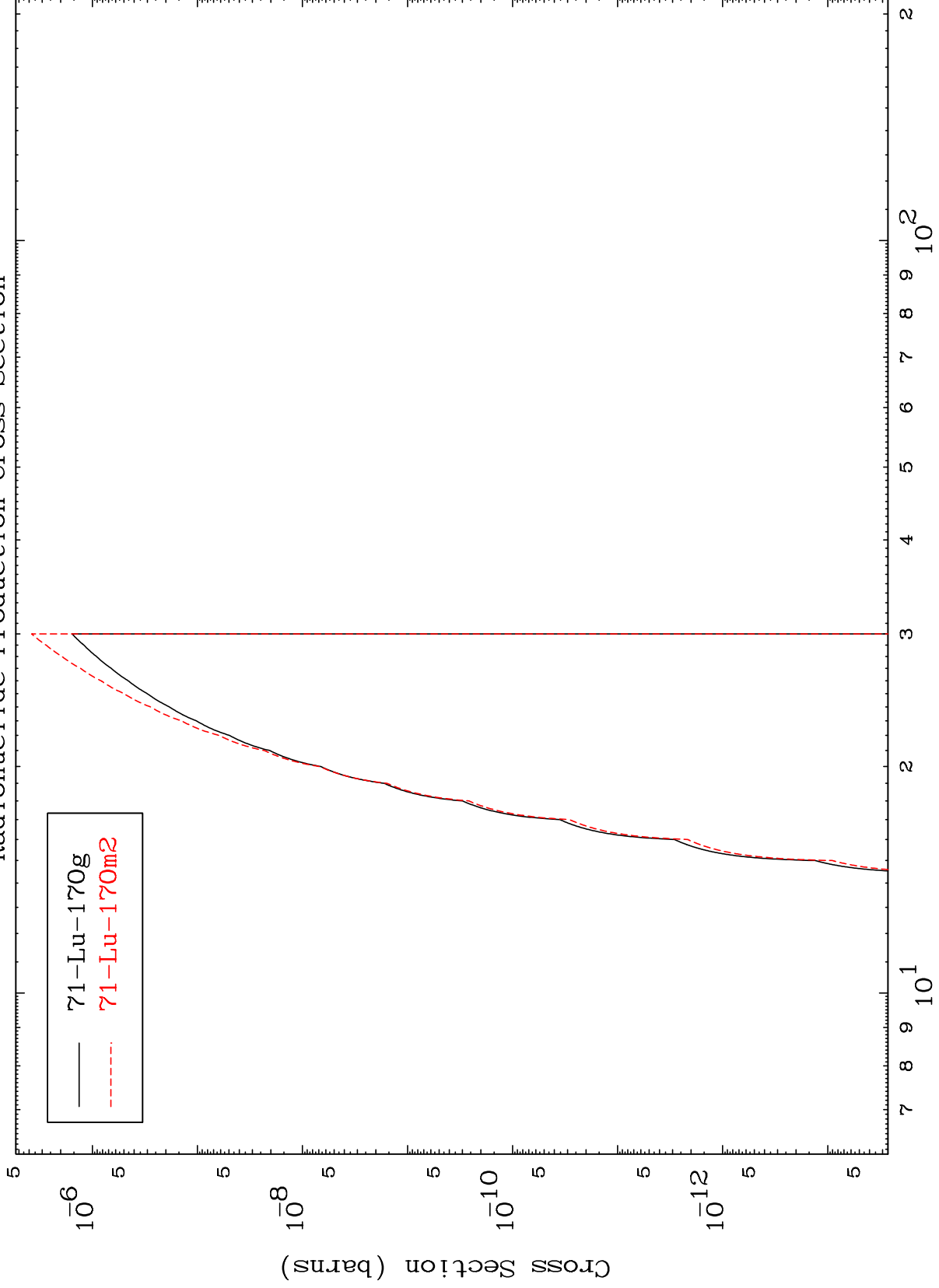
71

MAT 7301

(n,p) d

73-Ta-172

Radionuclide Production Cross Section



72

Incident Energy (MeV)

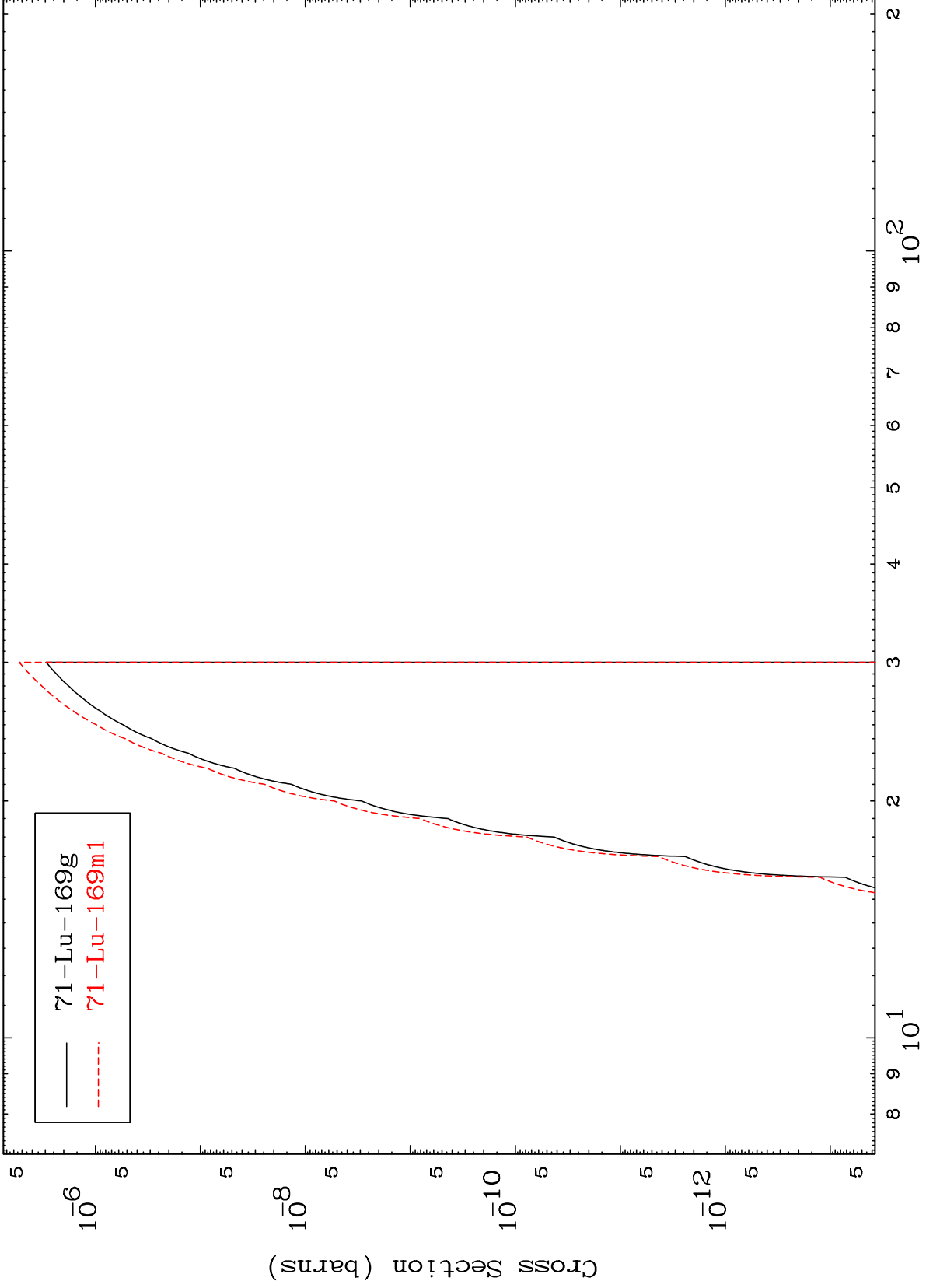
73-Ta-172

MAT 7301

(n,p) t

73-Ta-172

Radionuclide Production Cross Section



73

Incident Energy (MeV)

73-Ta-172