

Program EVALPLOT
(Version 2018-1)

by

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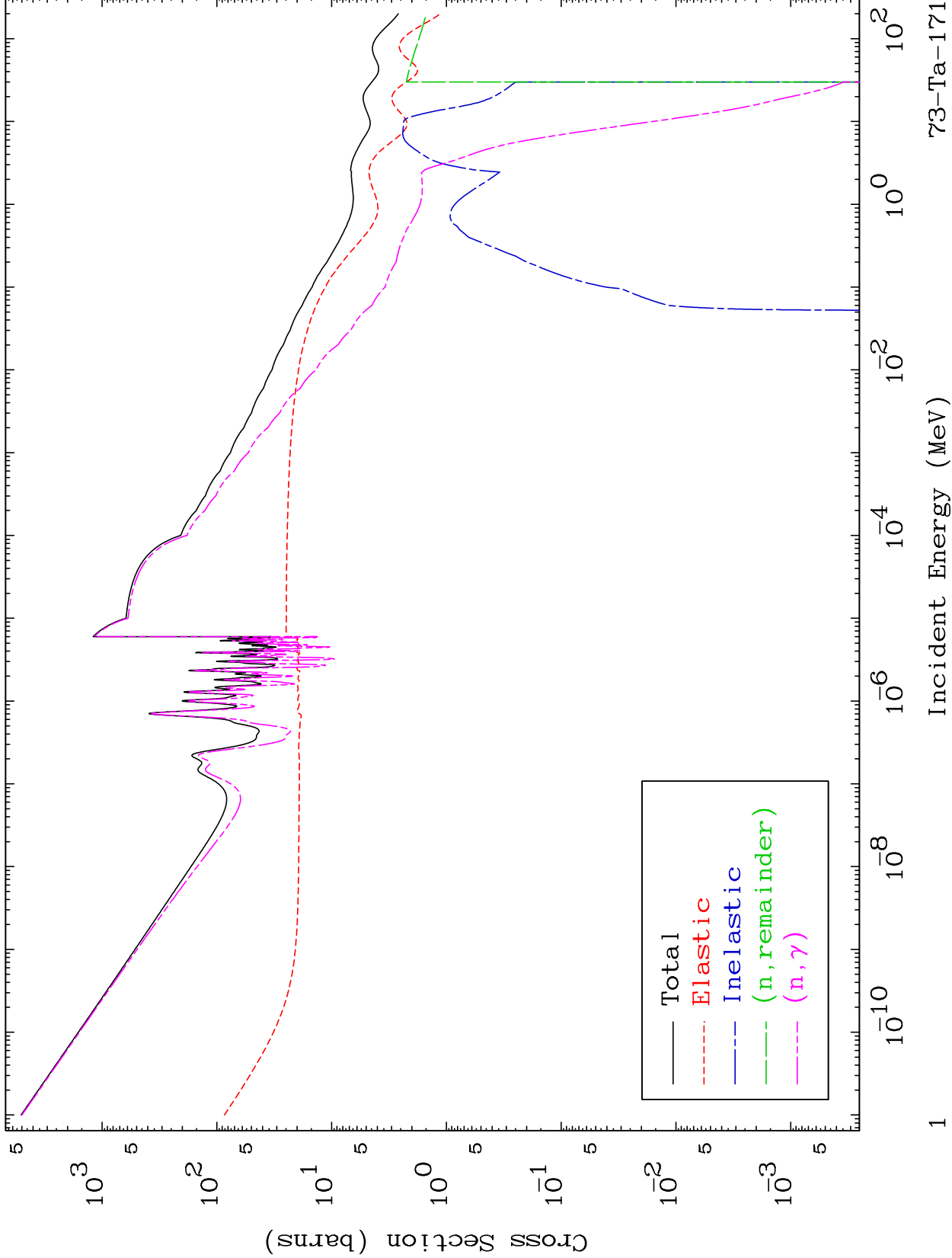
Press Mouse Button to Start

MAT 7298

Major

293 Kelvin Cross Sections

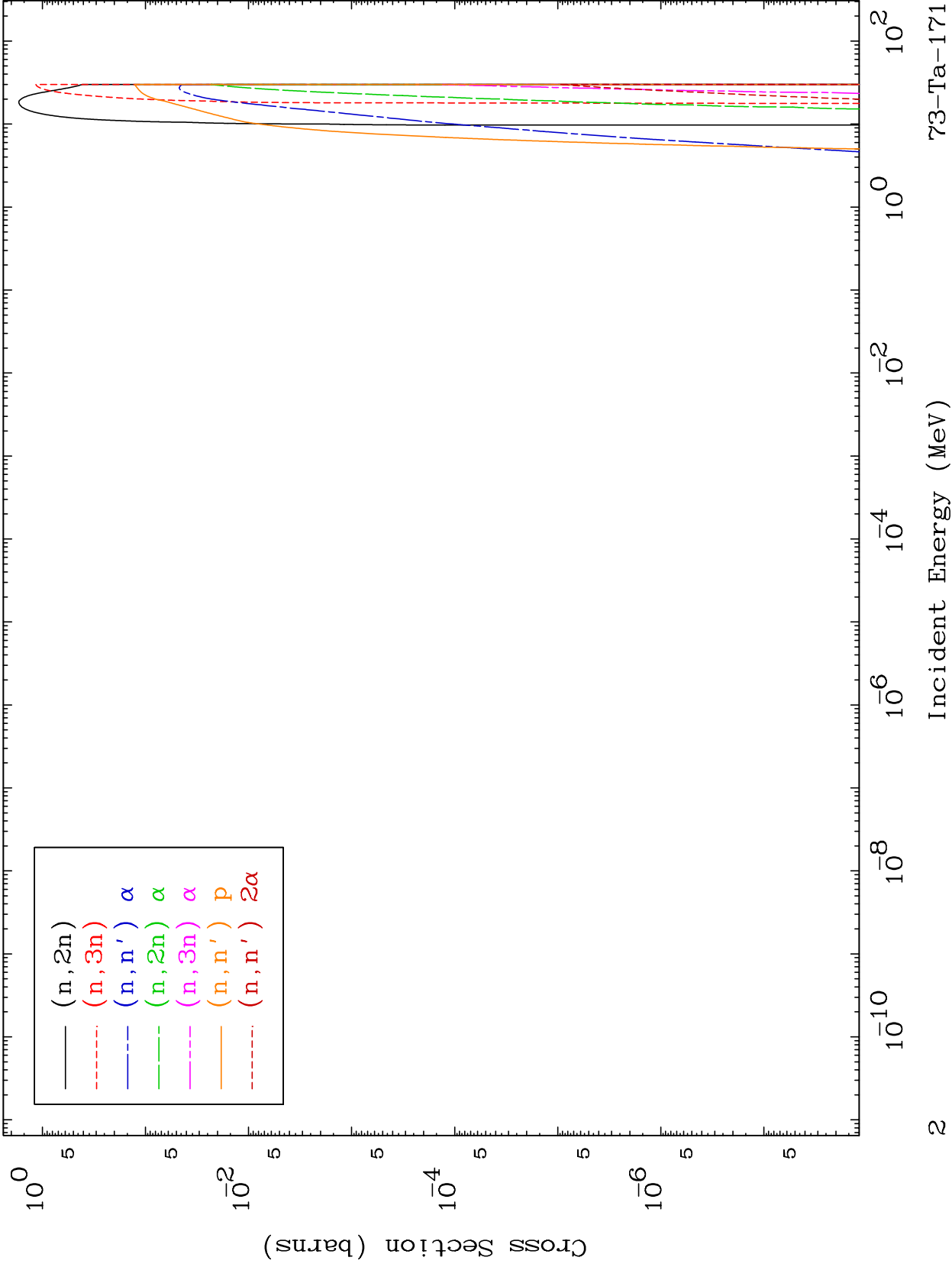
73-Ta-171

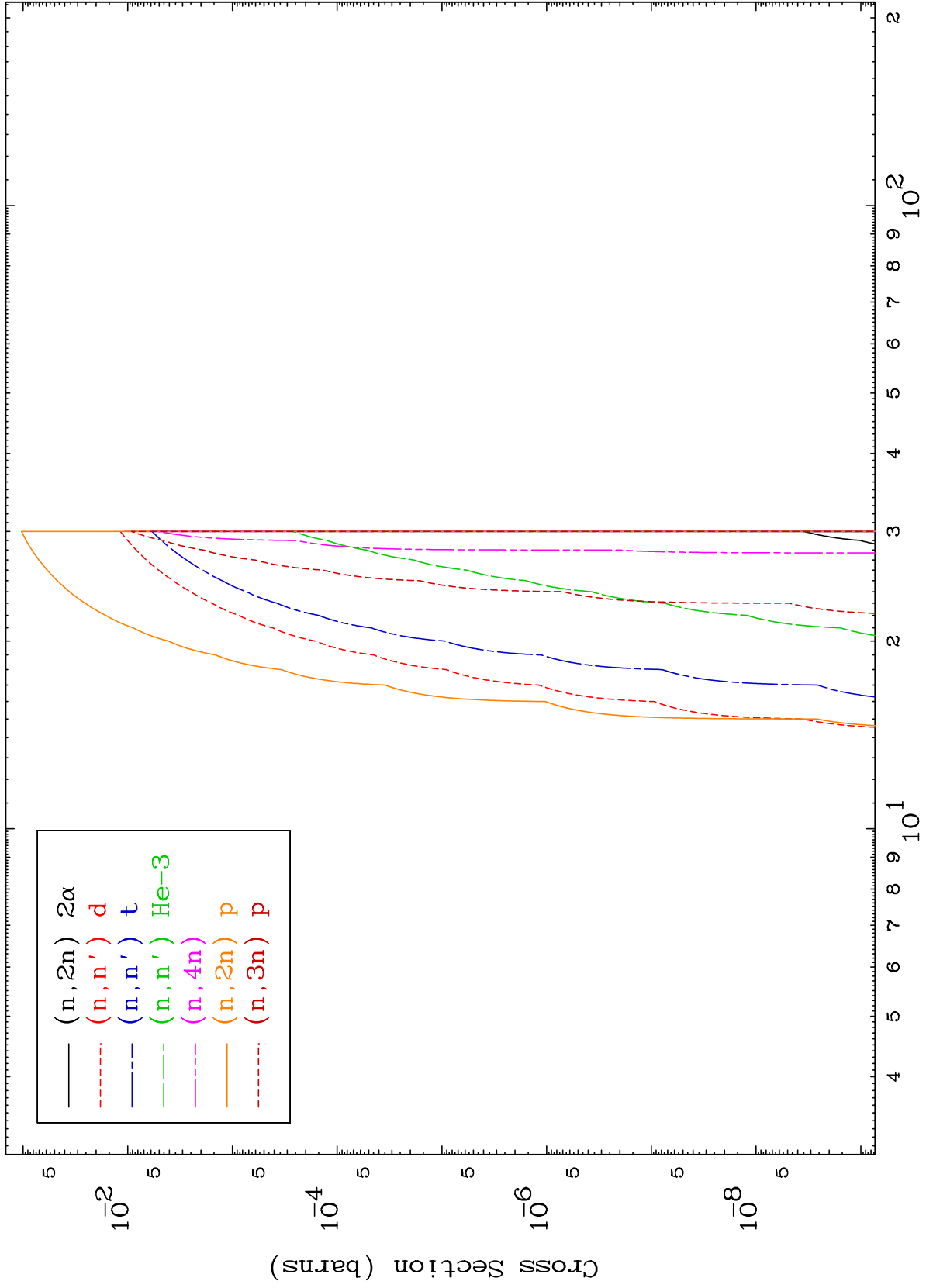


MAT 7298

Neutron Production
293 Kelvin Cross Sections

73-Ta-171

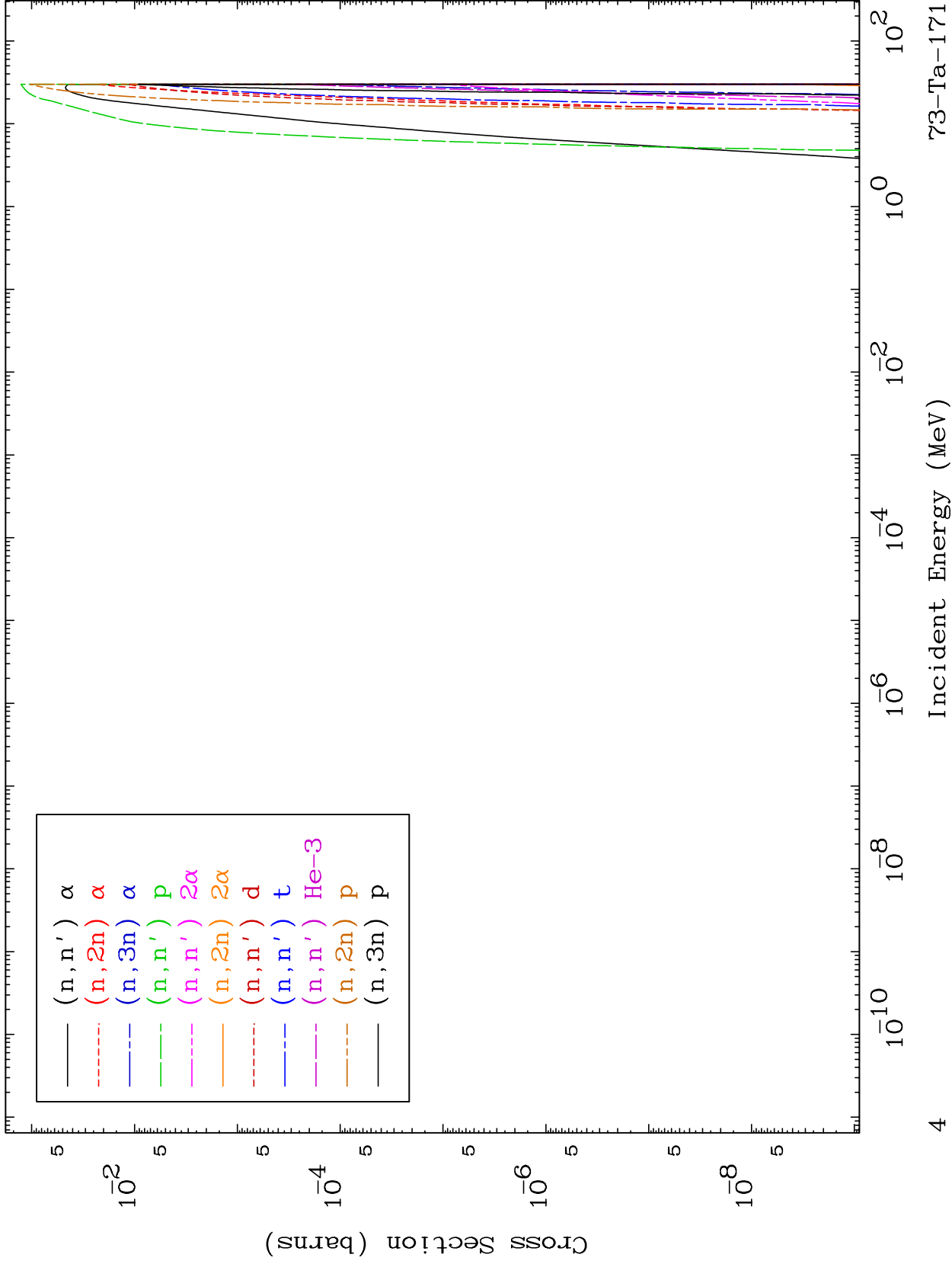




MAT 7298

Charged Particle
293 Kelvin Cross Sections

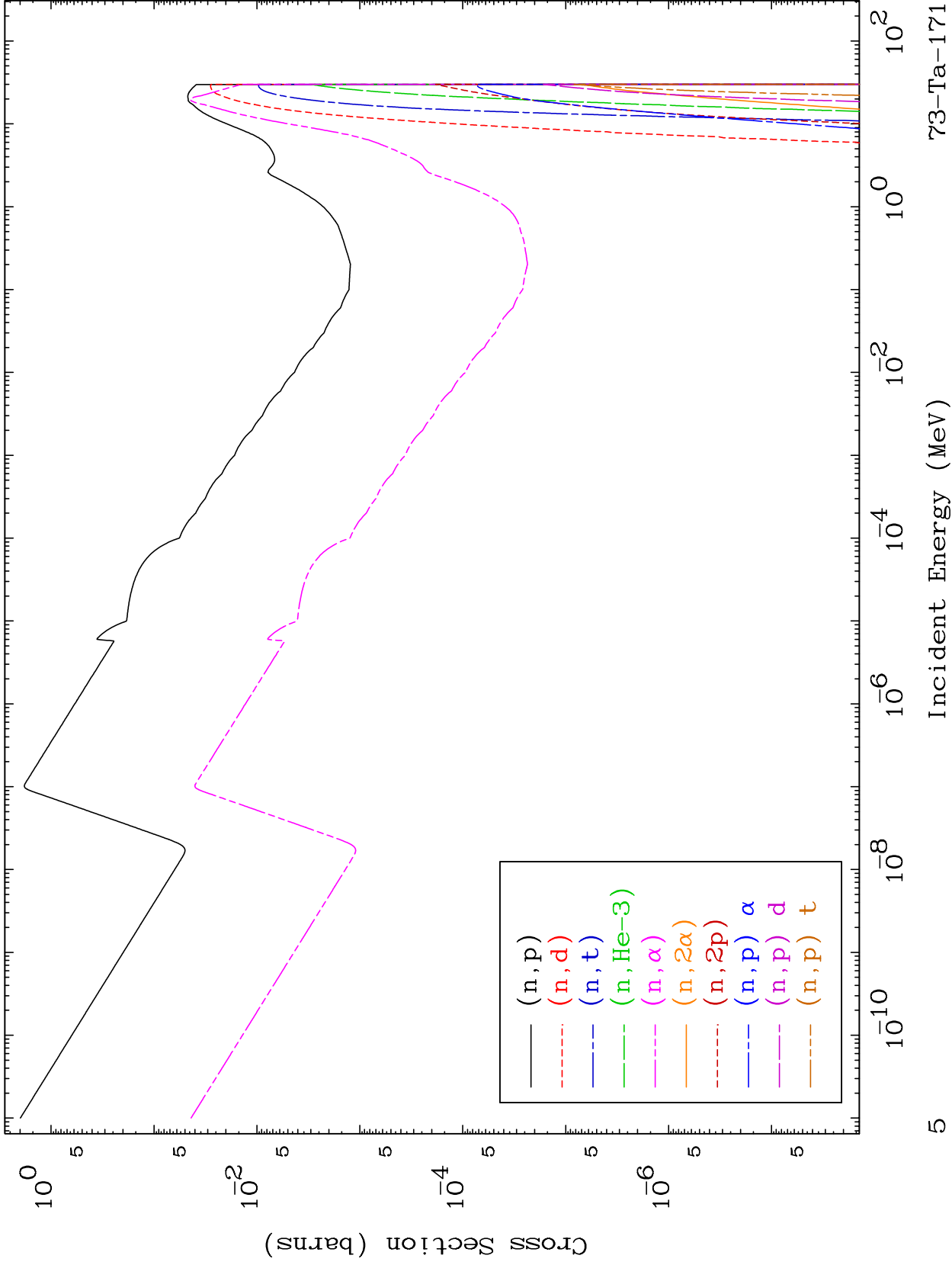
73-Ta-171



MAT 7298

Charged Particle
293 Kelvin Cross Sections

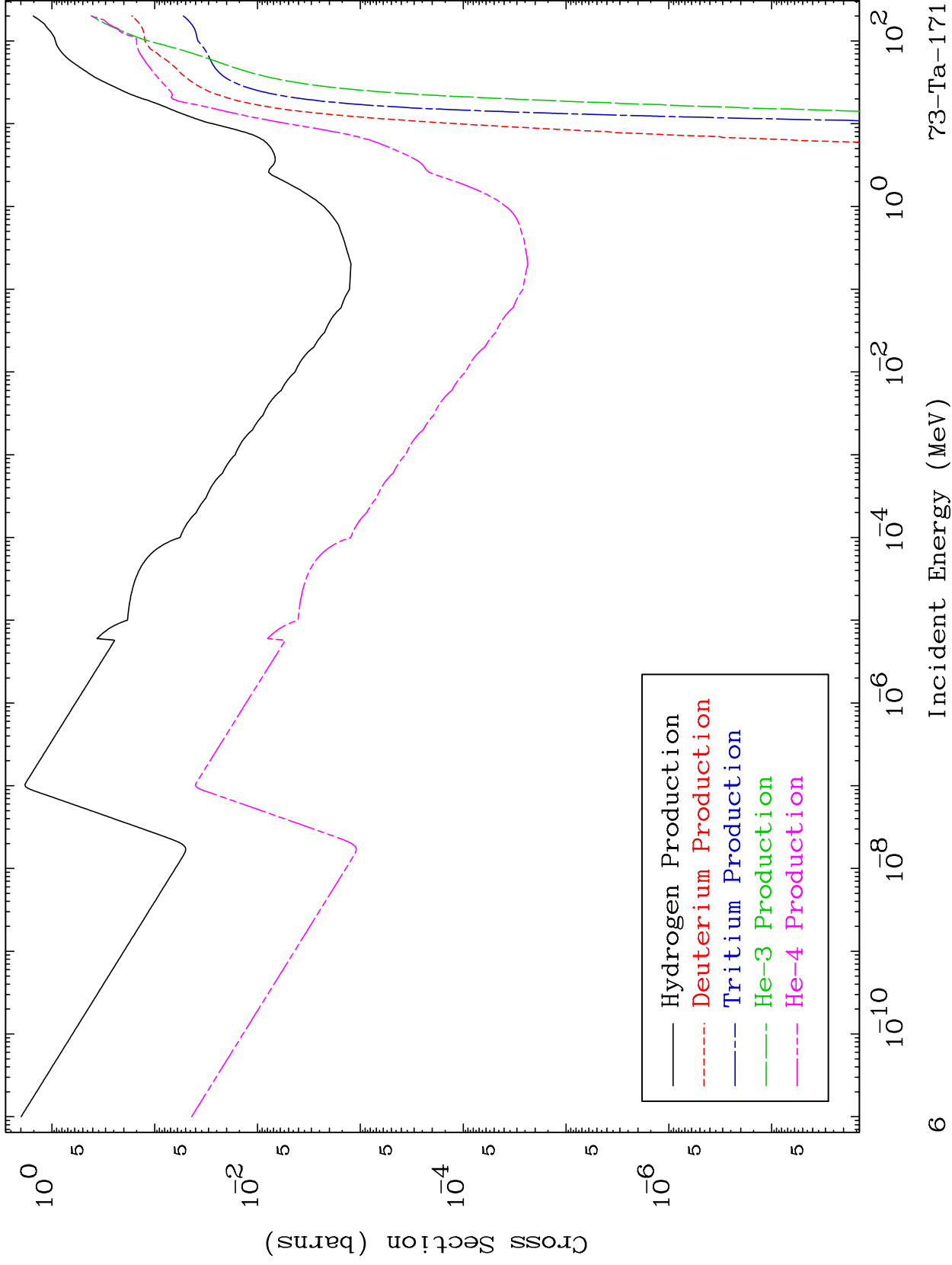
73-Ta-171



MAT 7298

Particle Production
293 Kelvin Cross Sections

73-Ta-171

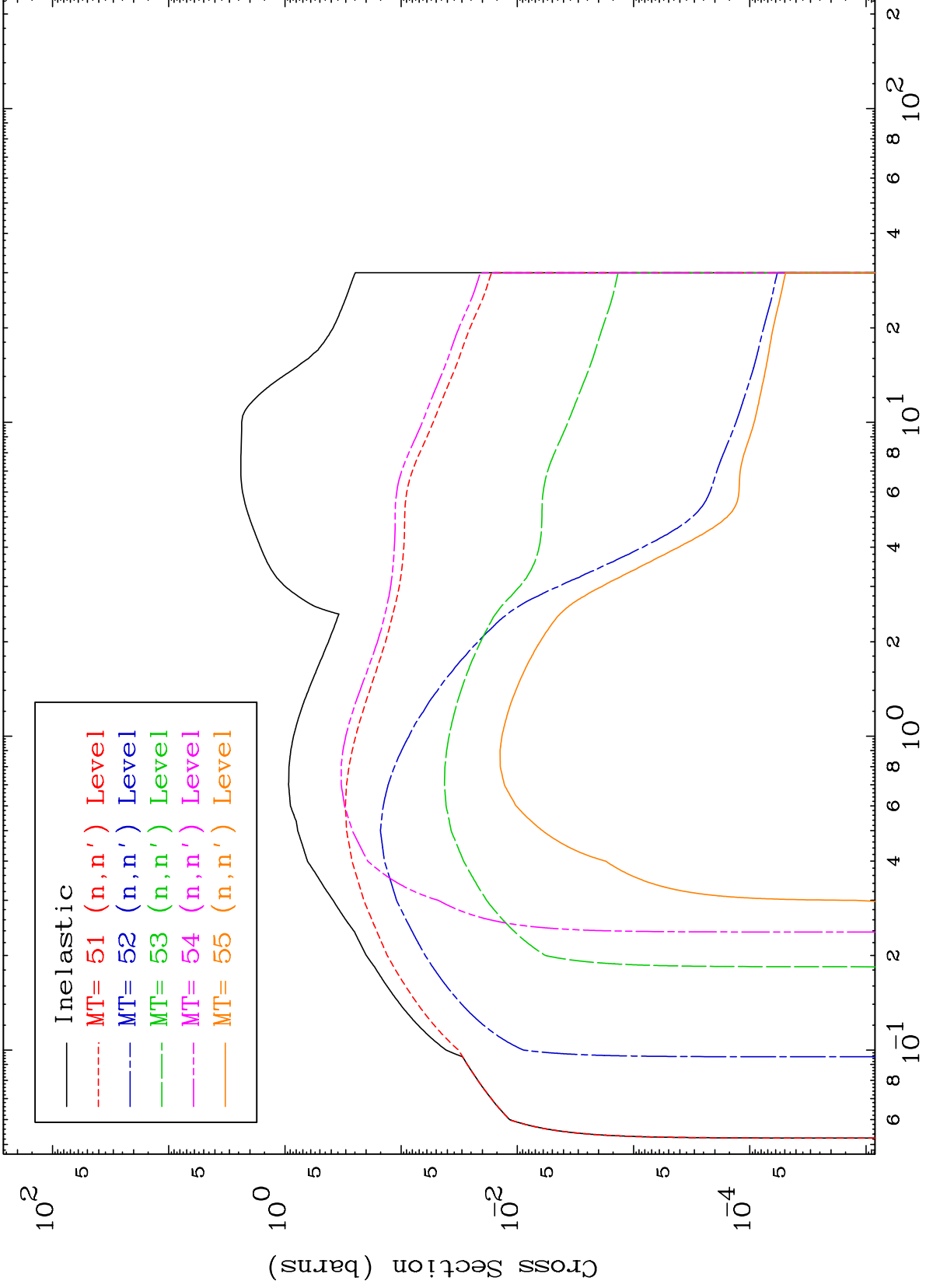


MAT 7298

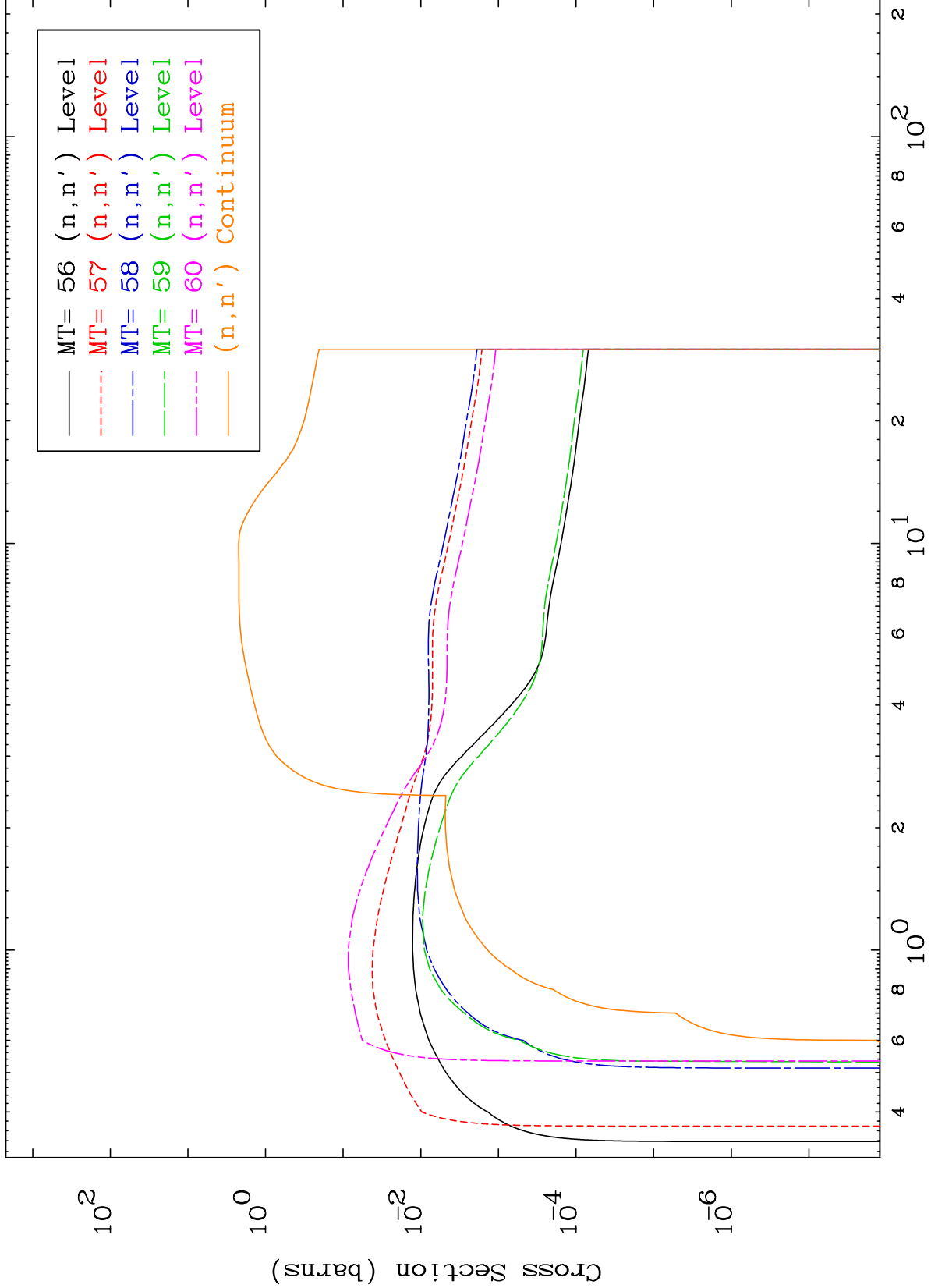
(n,n') Level

73-Ta-171

293 Kelvin Cross Sections



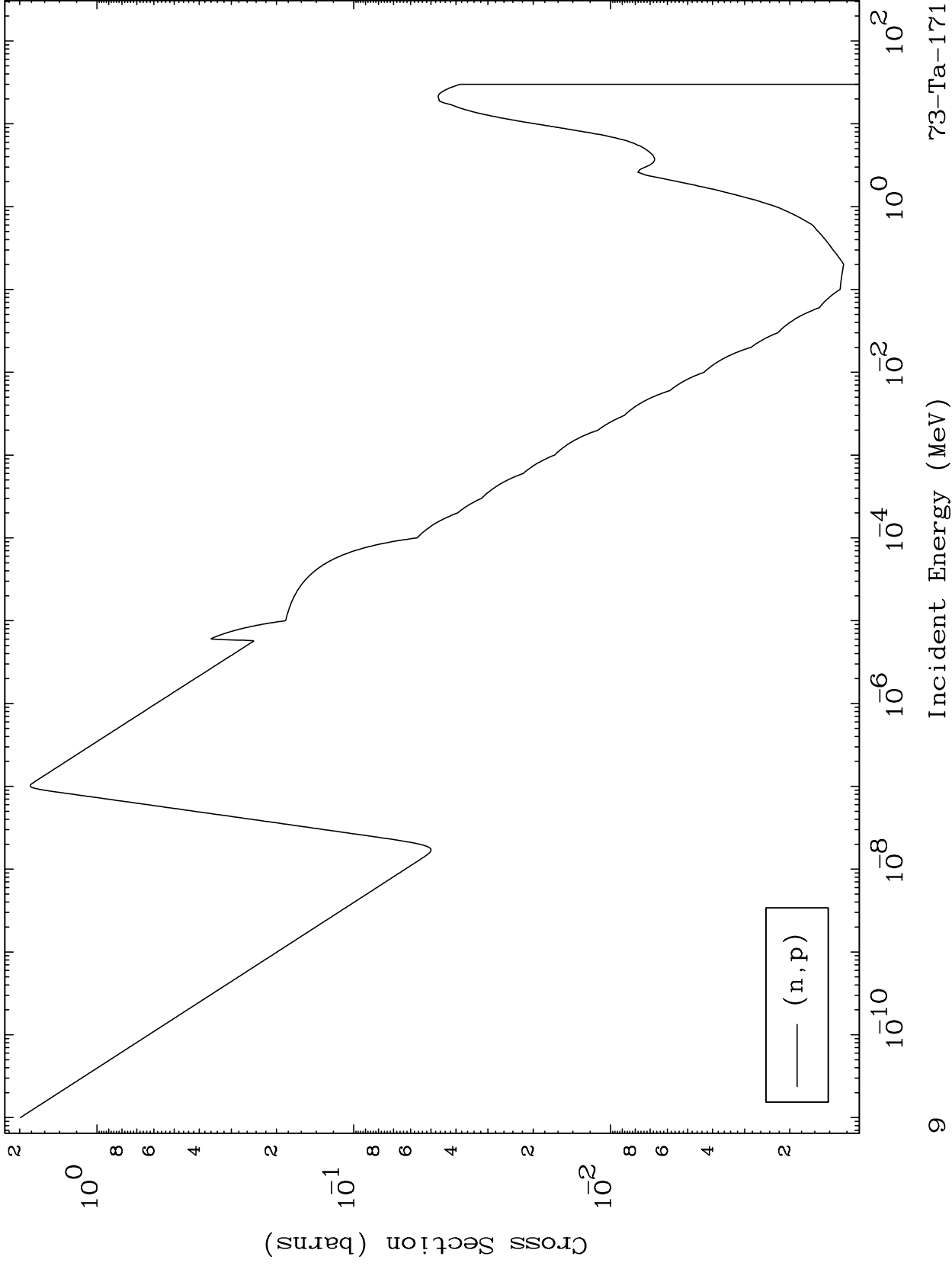
293 Kelvin Cross Sections



MAT 7298

(n,p) Levels
293 Kelvin Cross Sections

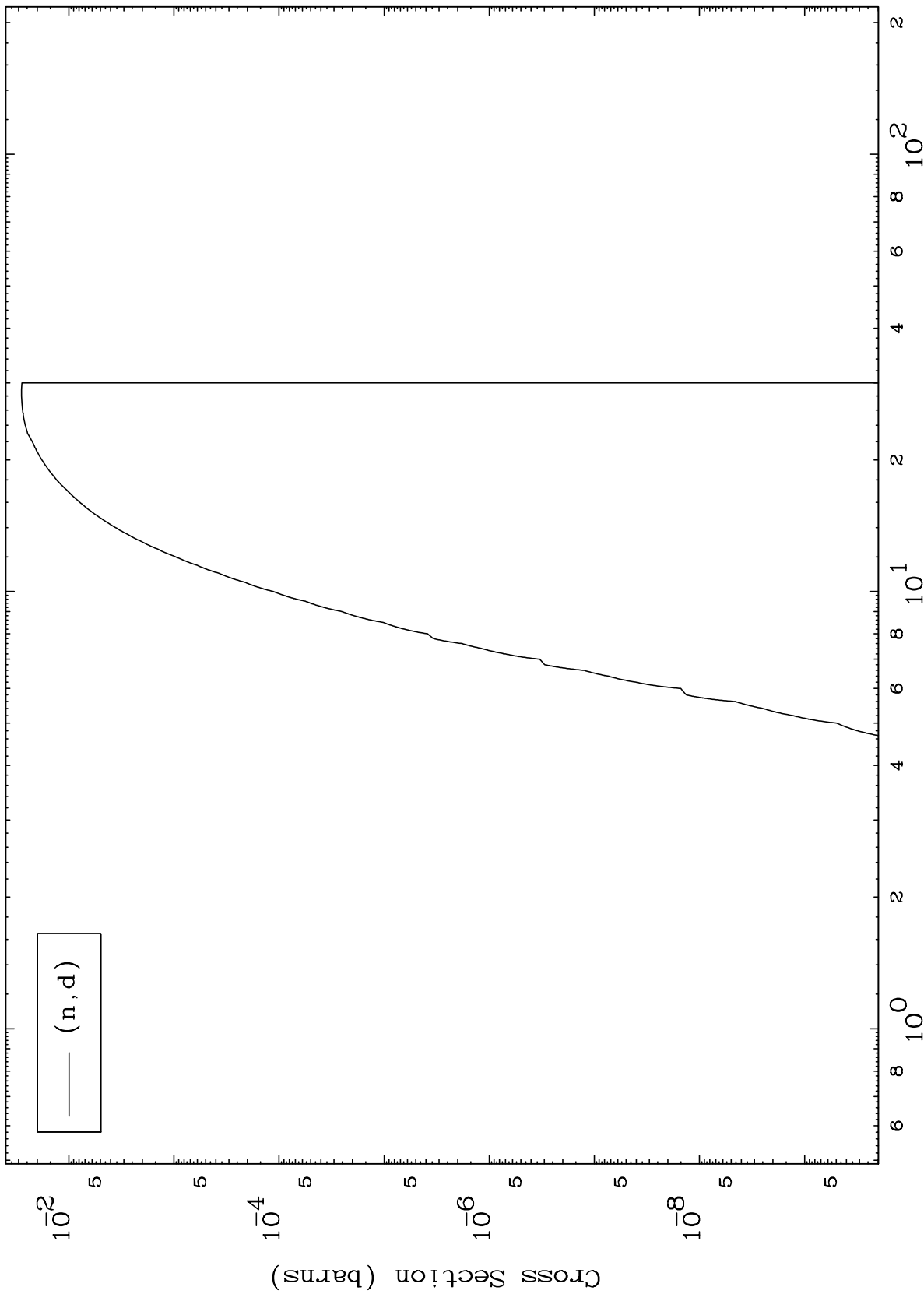
73-Ta-171



MAT 7298

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-171



10

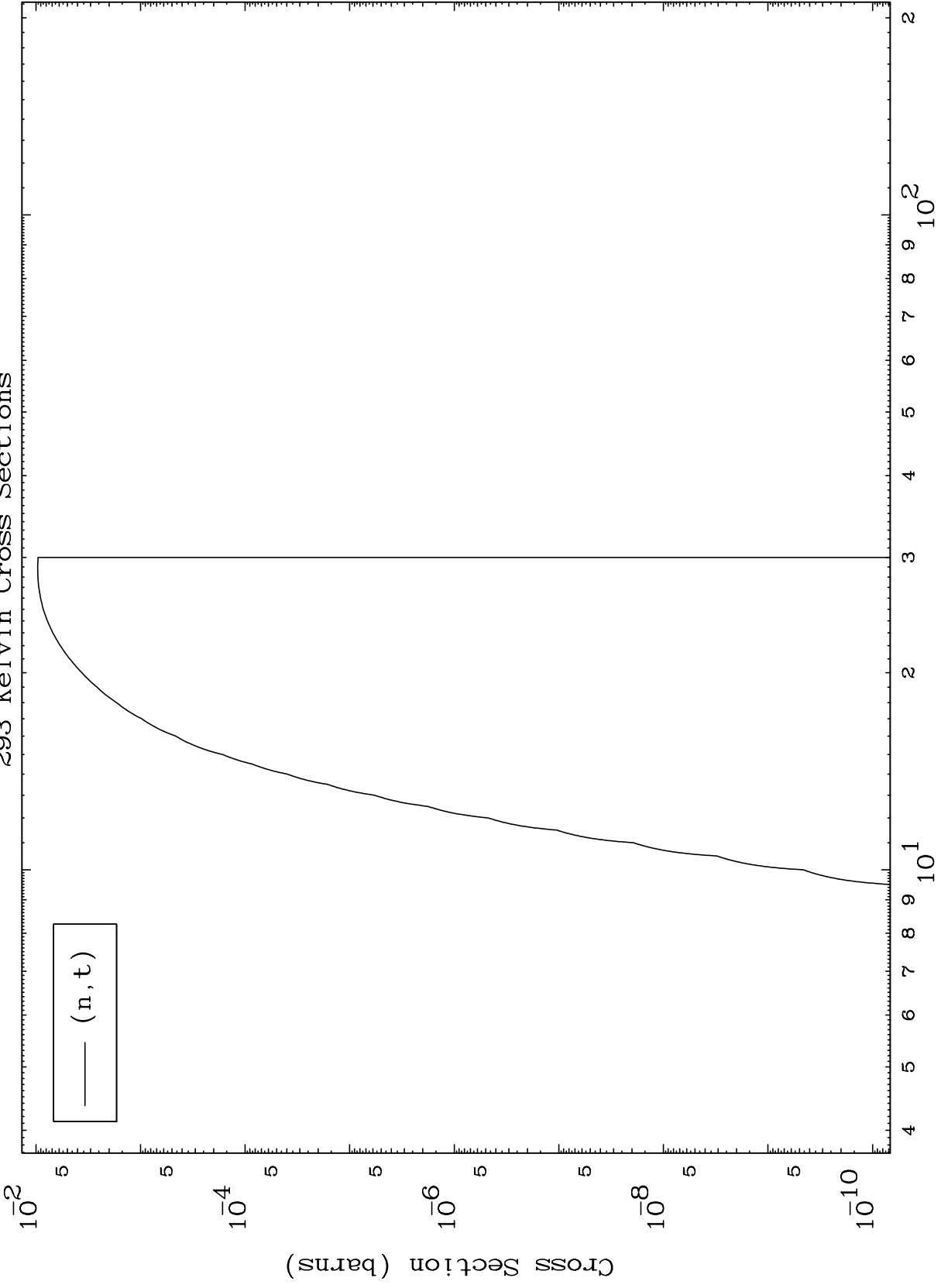
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-171

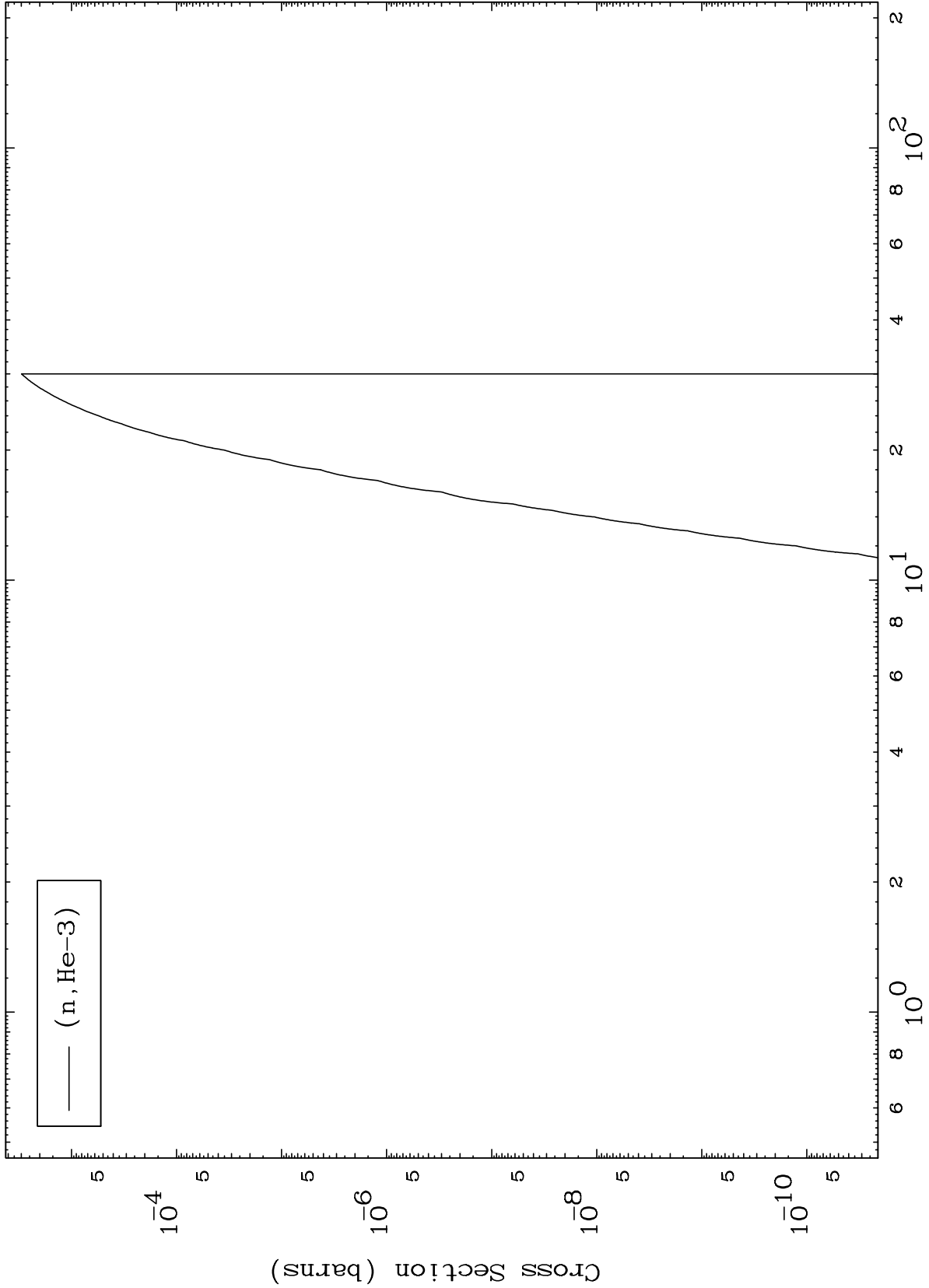


MAT 7298

(n,He3) Levels

73-Ta-171

293 Kelvin Cross Sections



12

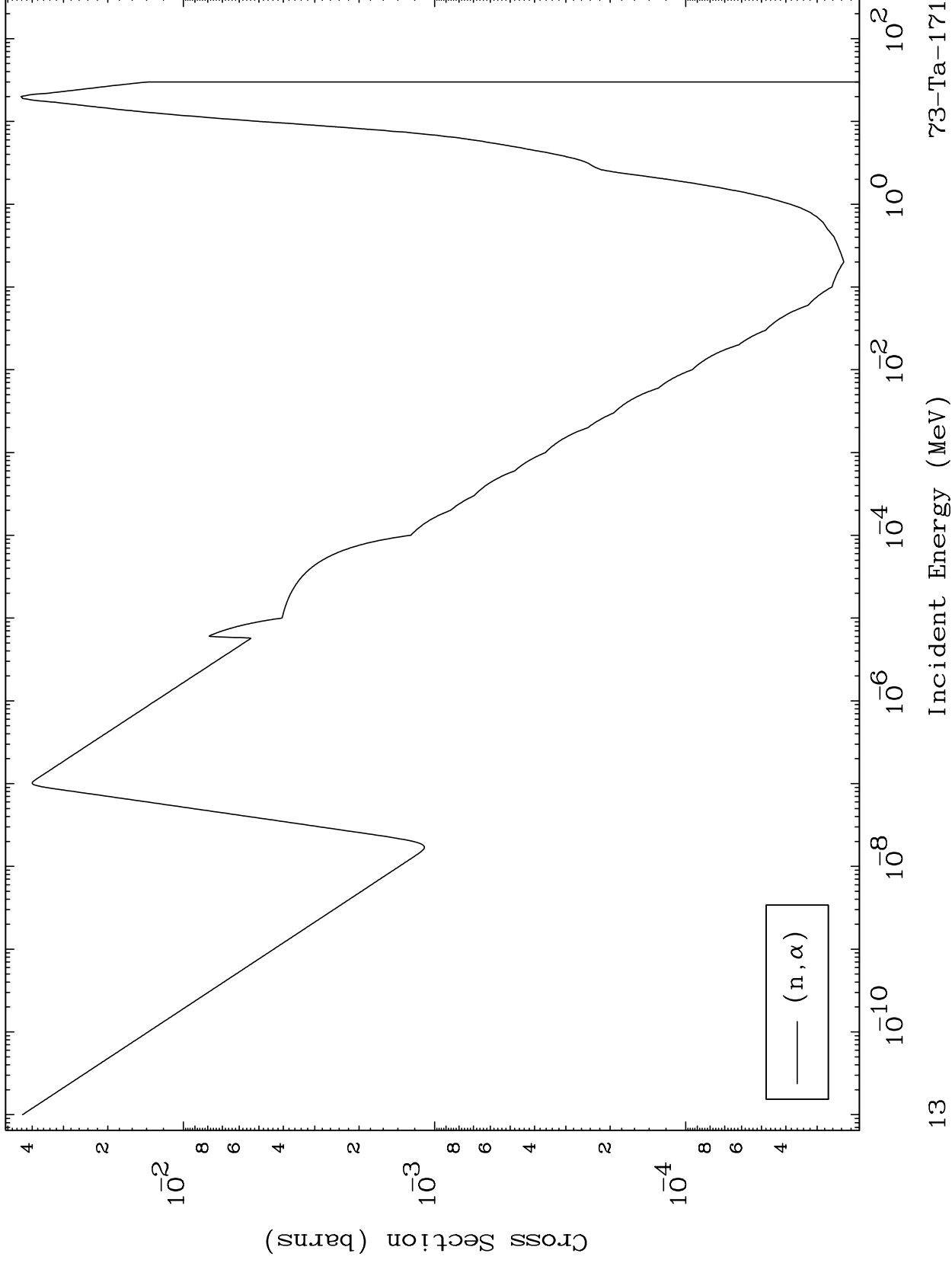
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,α) Levels
293 Kelvin Cross Sections

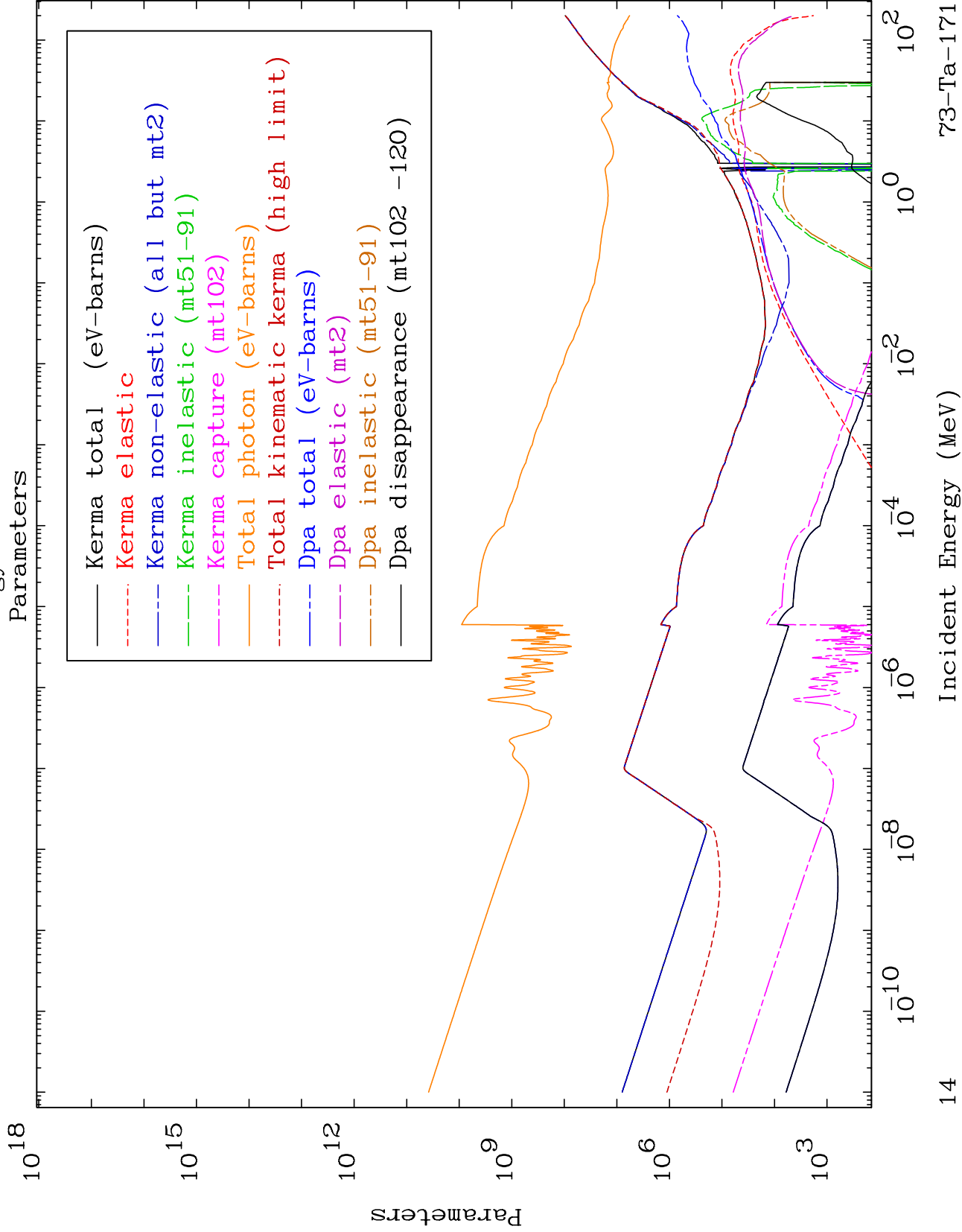
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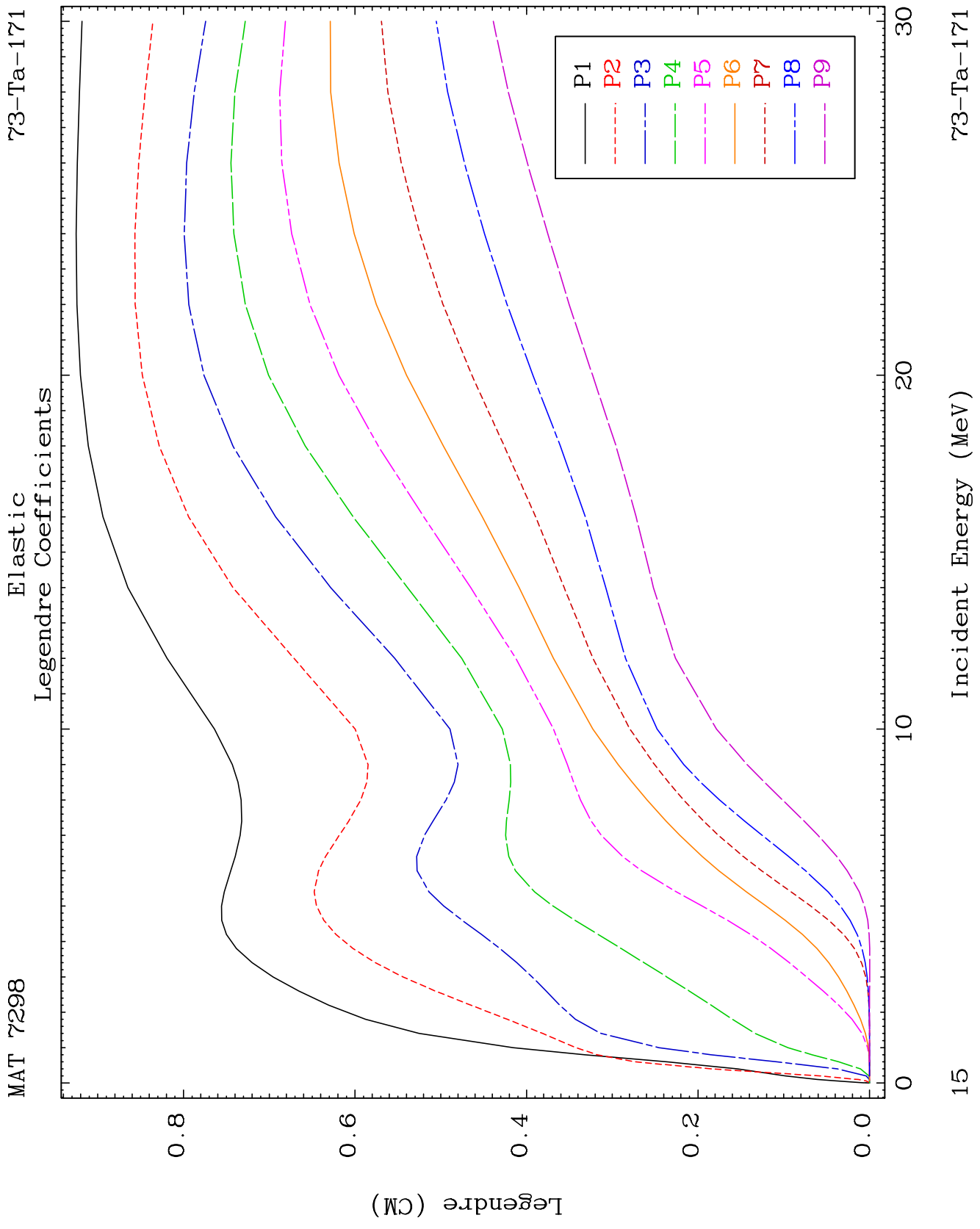


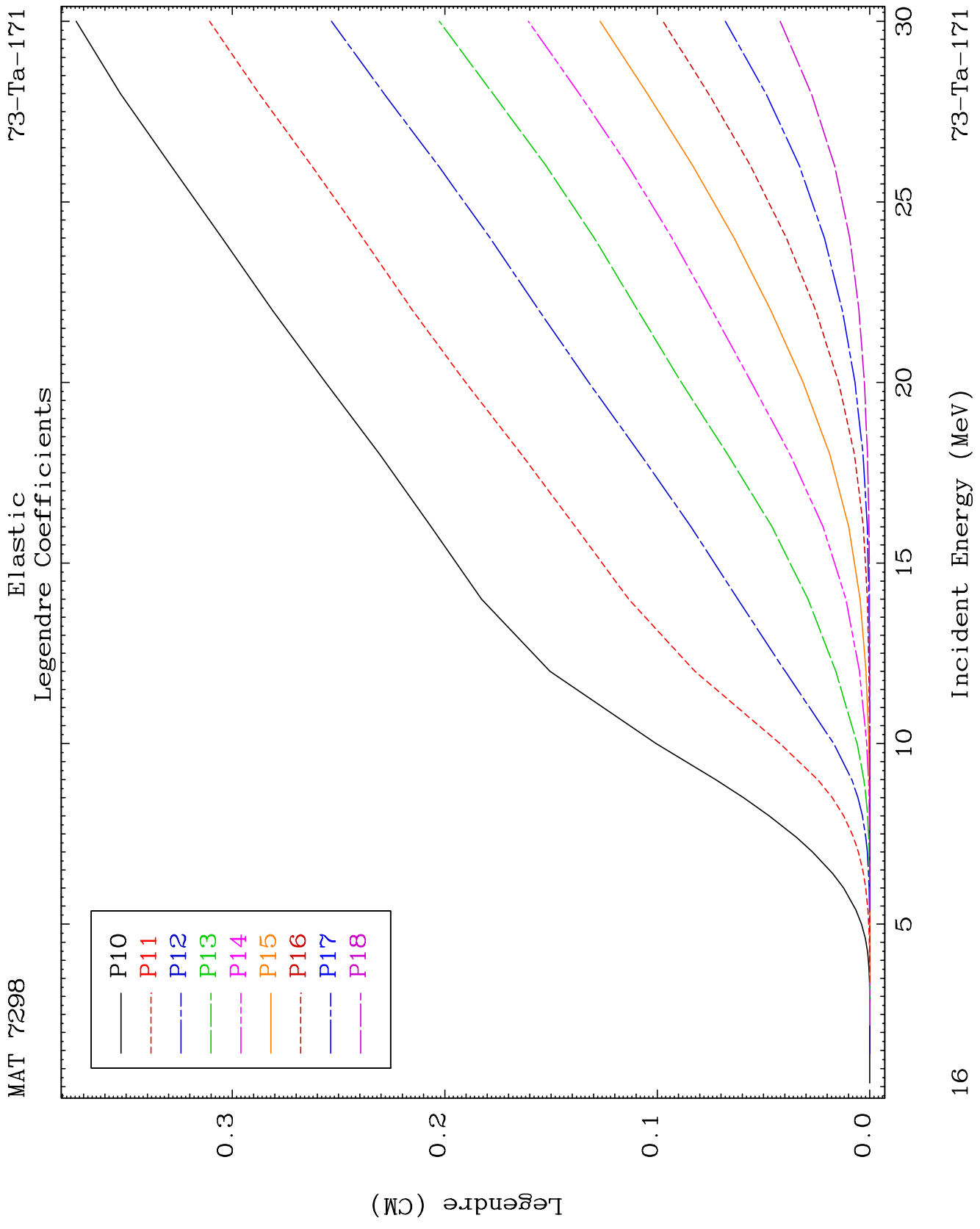
13

Incident Energy (MeV)

73-Ta-171



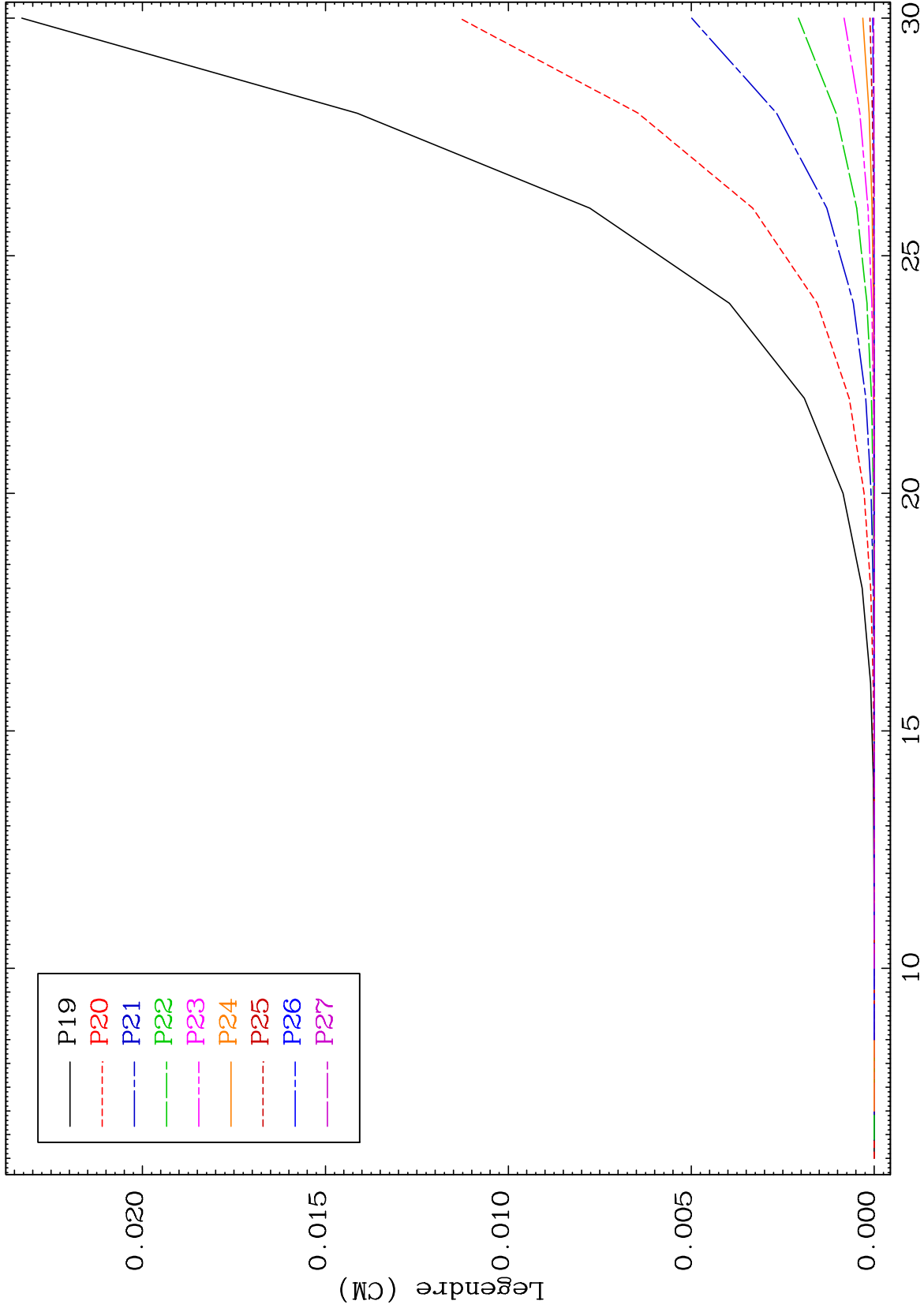




MAT 7298

Elastic
Legendre Coefficients

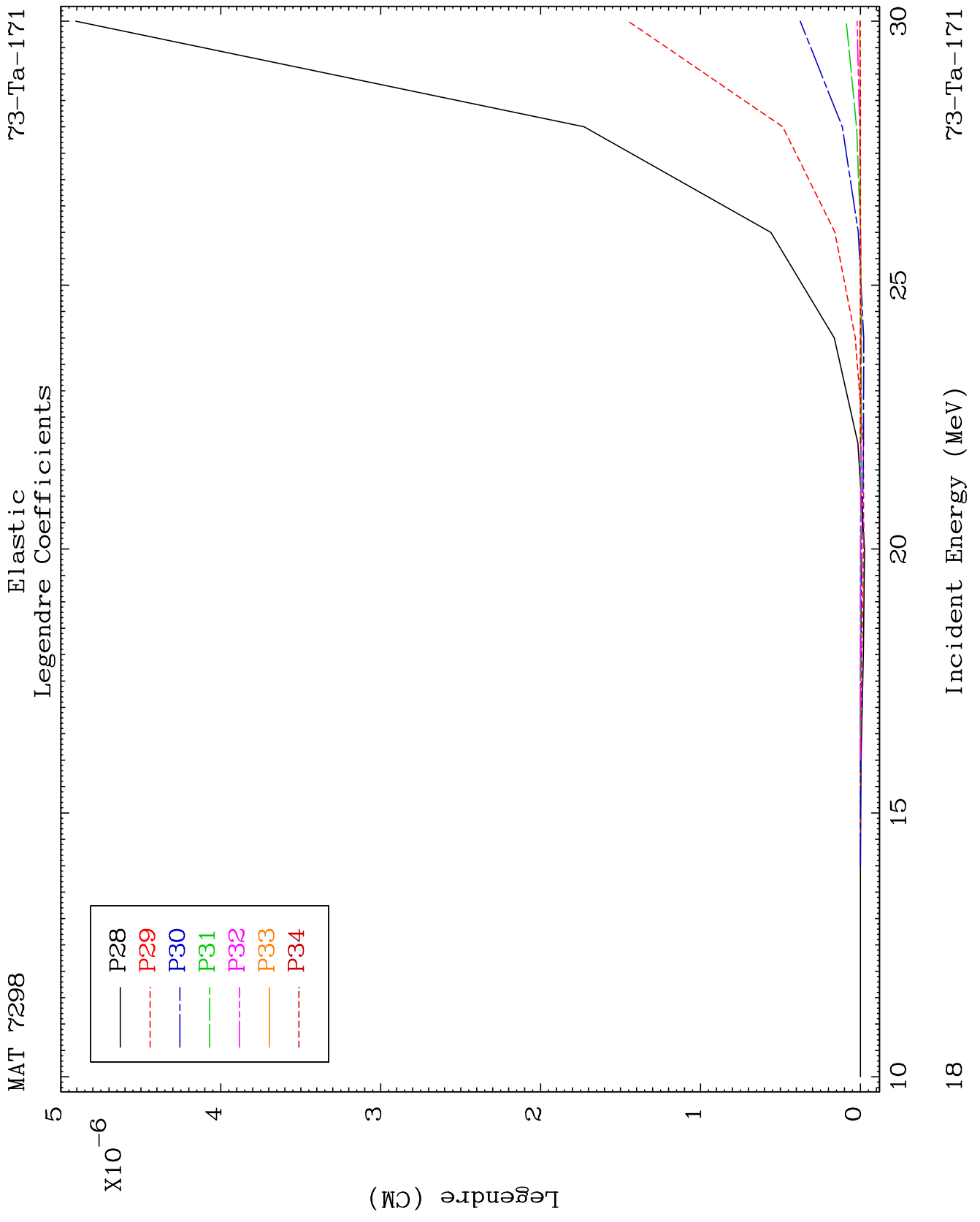
73-Ta-171



17

Incident Energy (MeV)

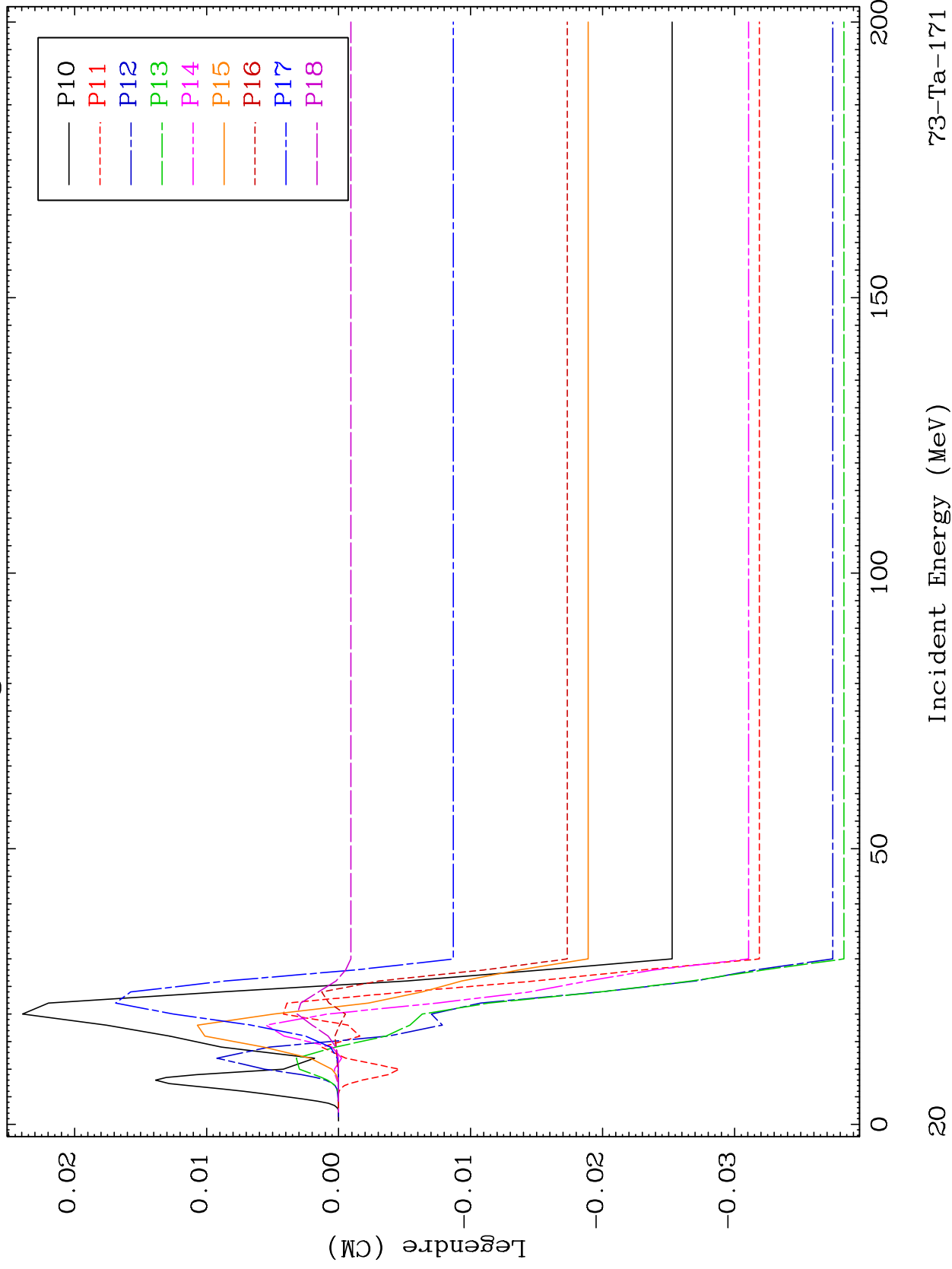
73-Ta-171



MAT 7298

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

73-Ta-171



73-Ta-171

Incident Energy (MeV)

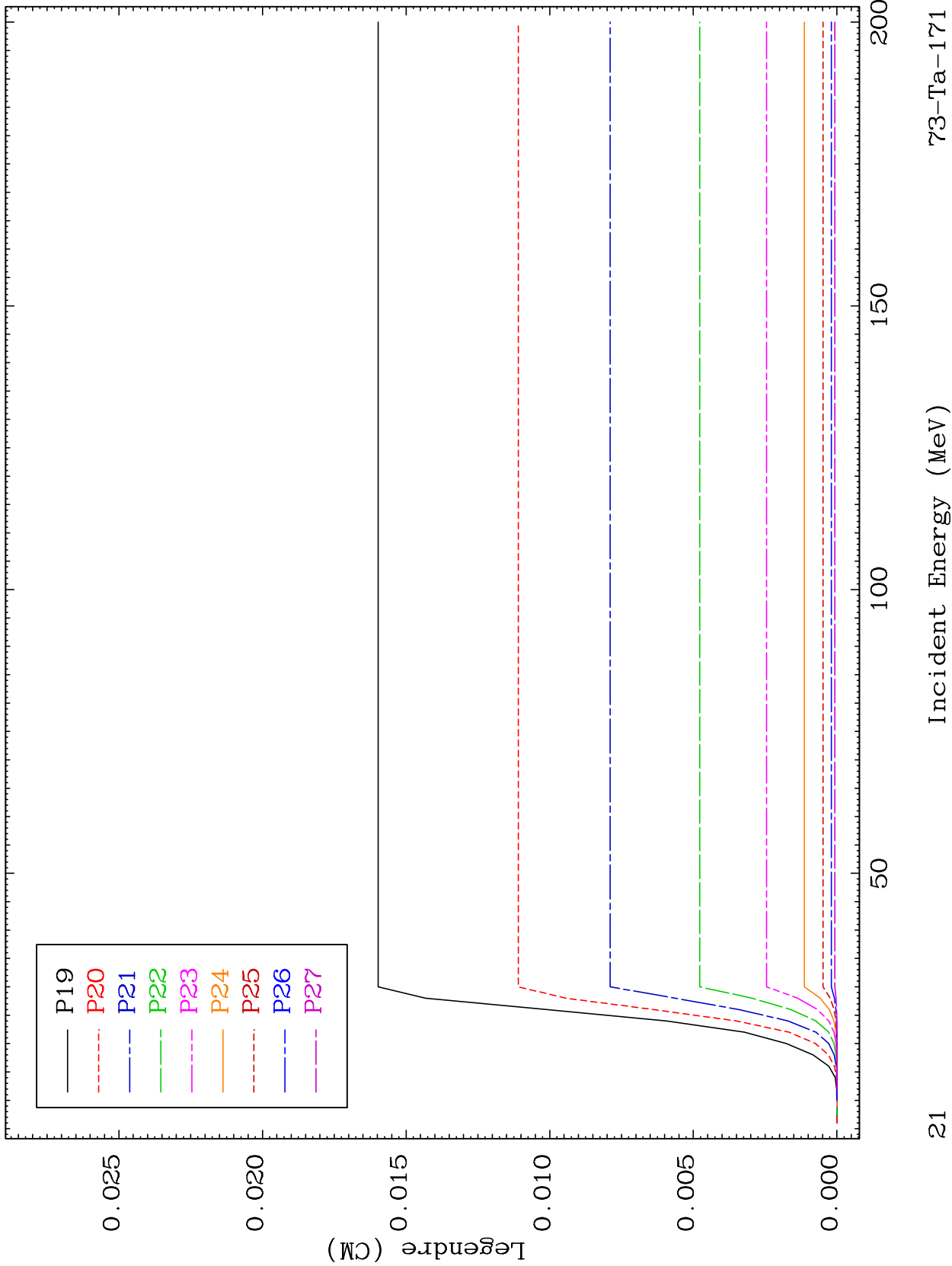
0

50

100

150

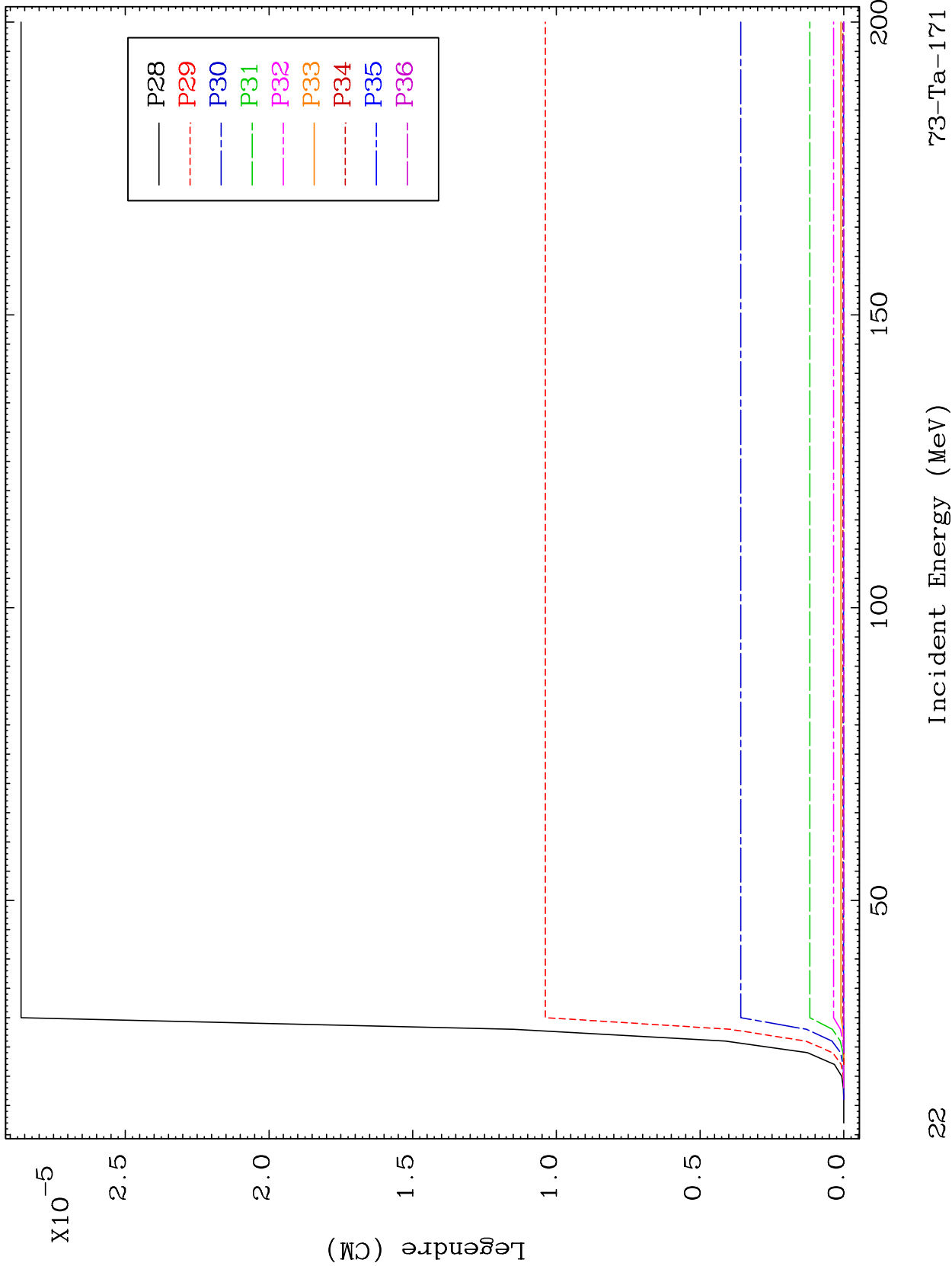
200



MAT 7298

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

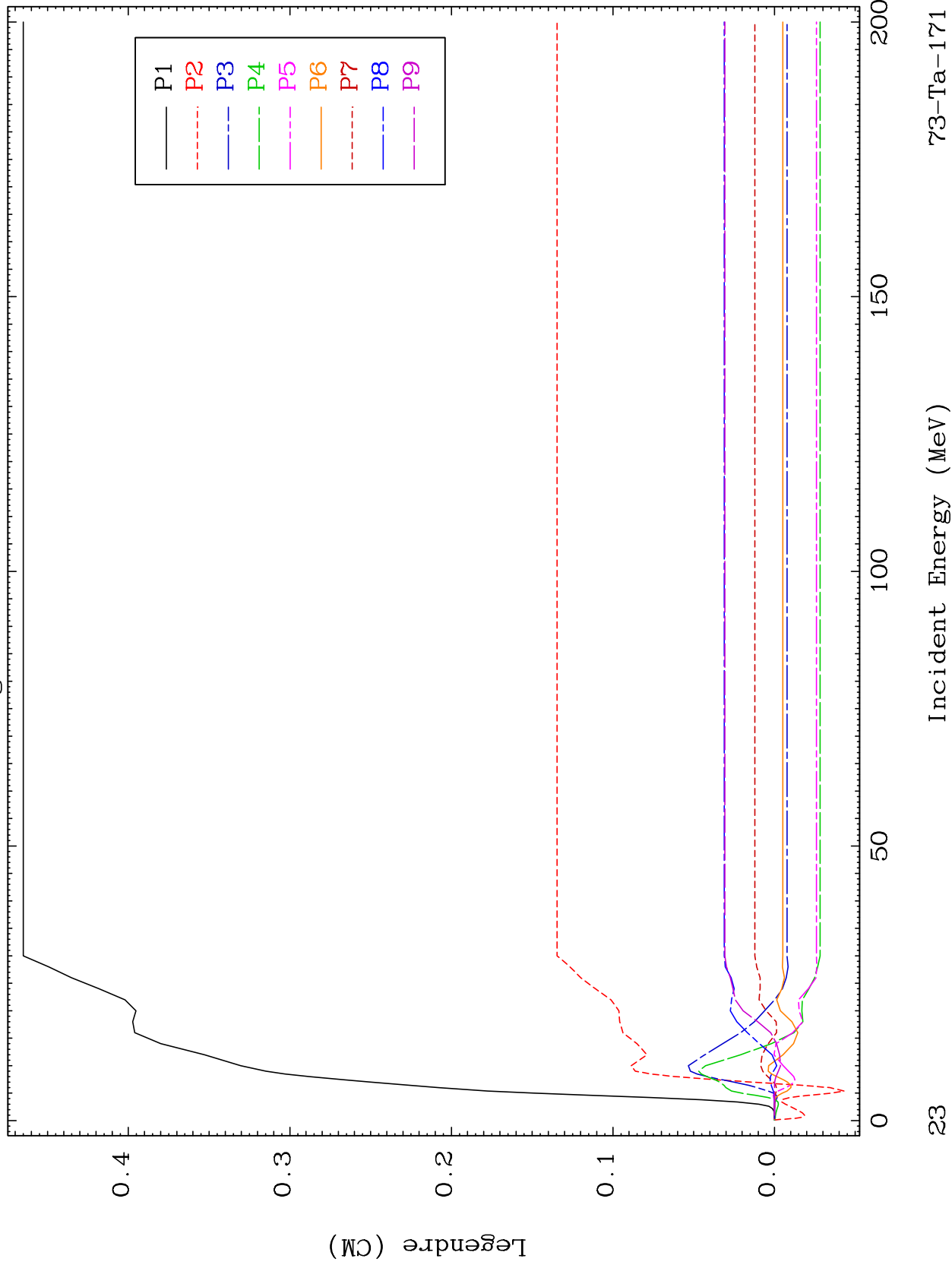
73-Ta-171



MAT 7298

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

73-Ta-171



73-Ta-171

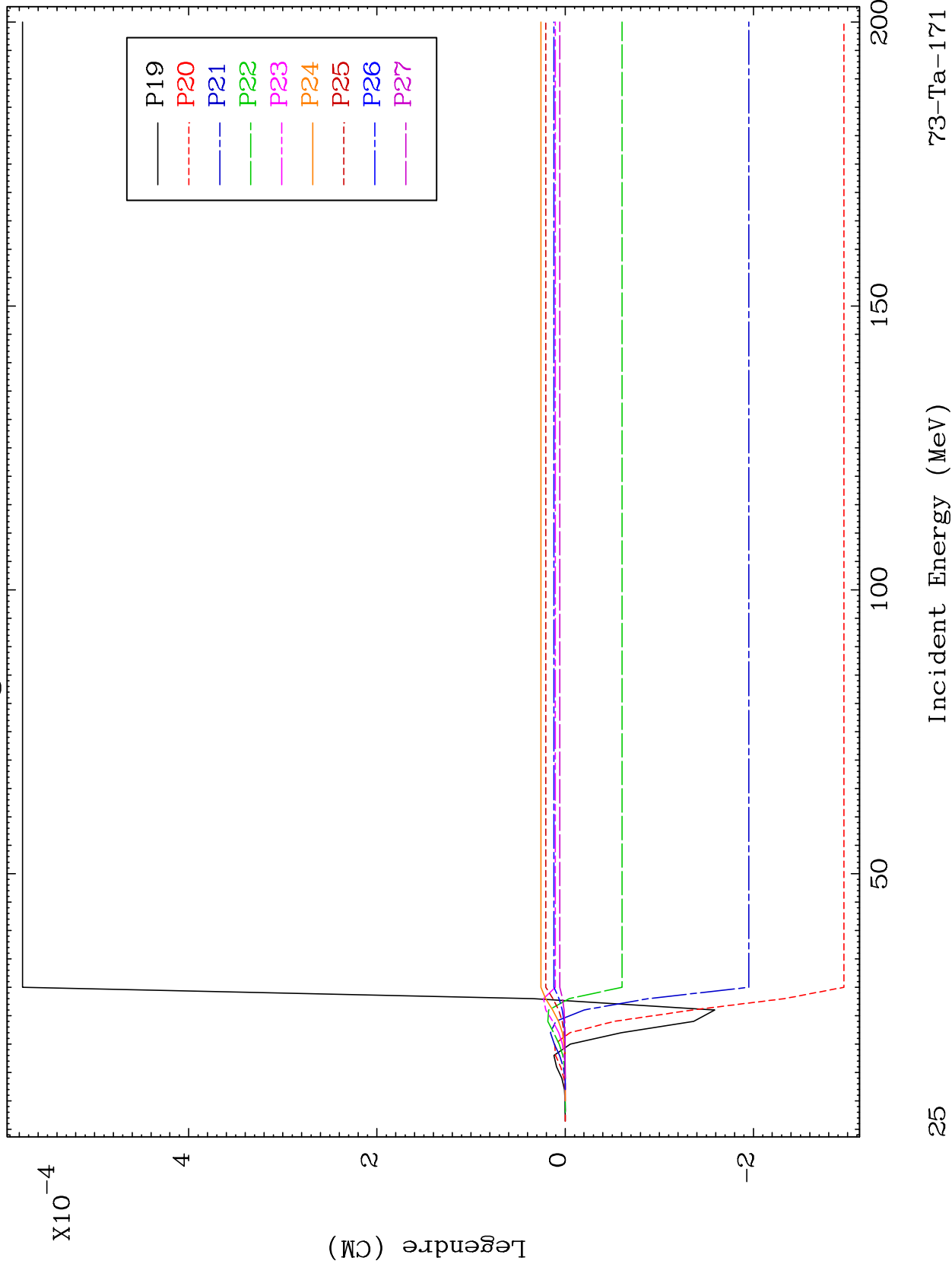
Incident Energy (MeV)

23

MAT 7298

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

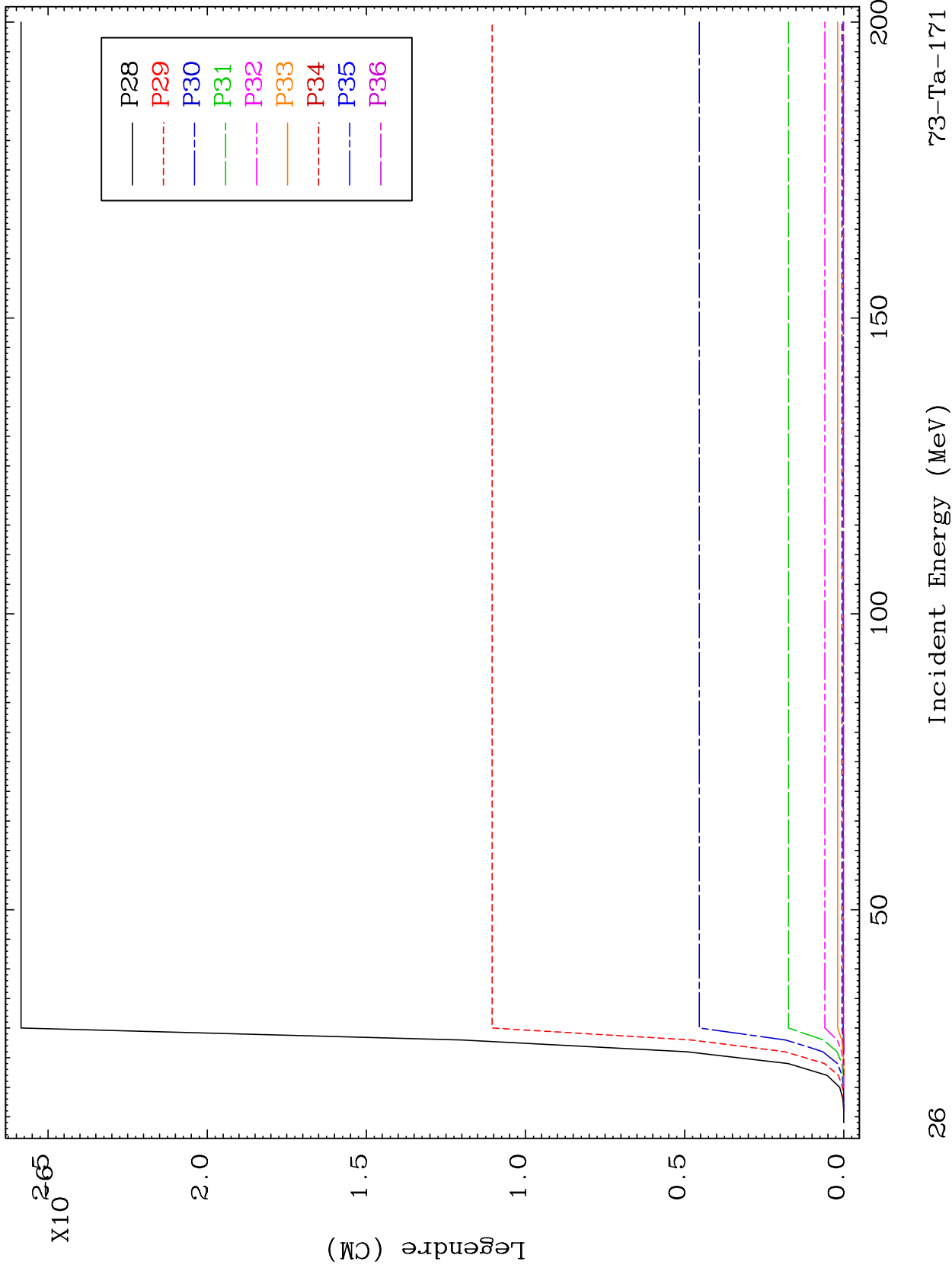
73-Ta-171



MAT 7298

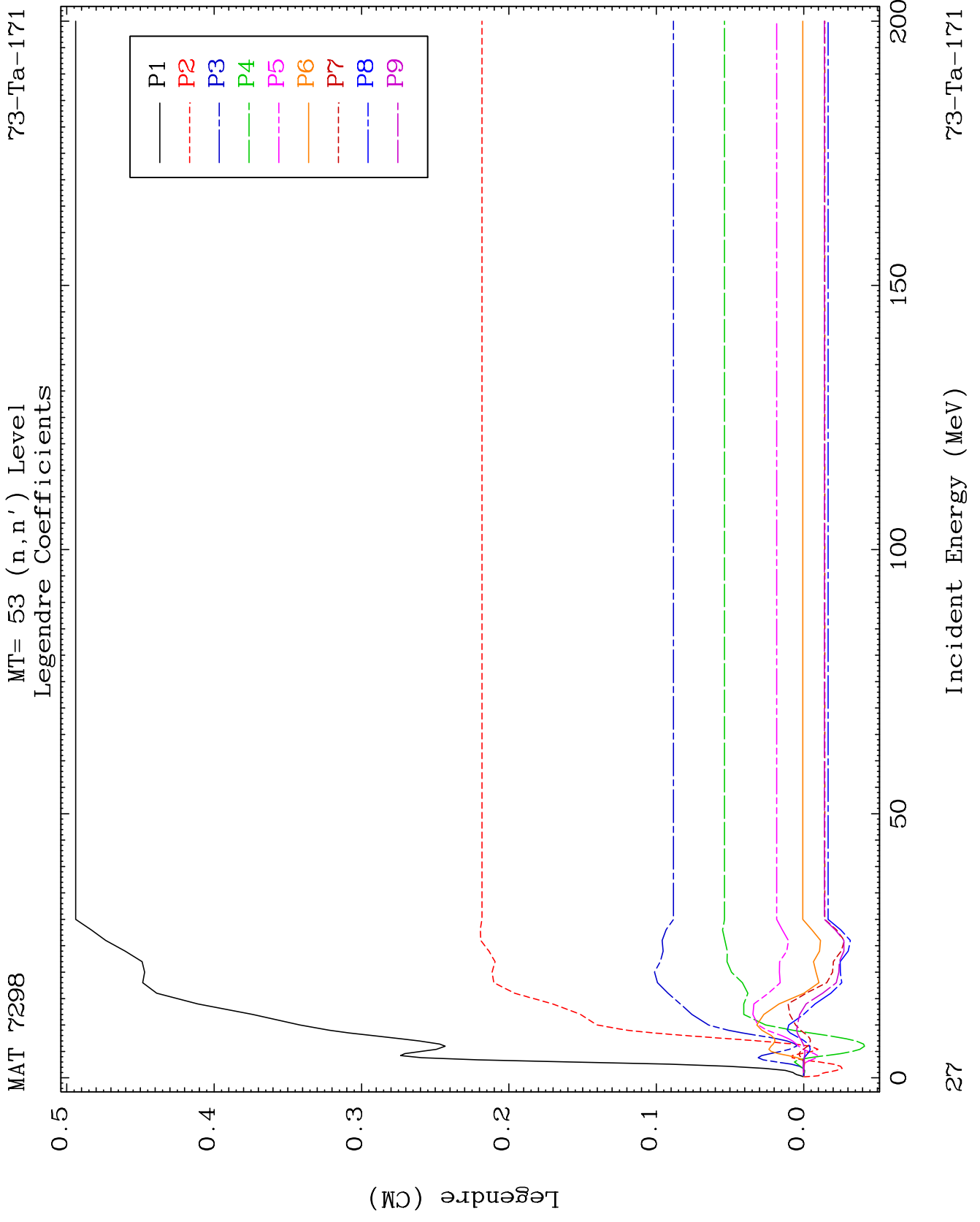
MT= 52 (n,n') Level
Legendre Coefficients

73-Ta-171



26

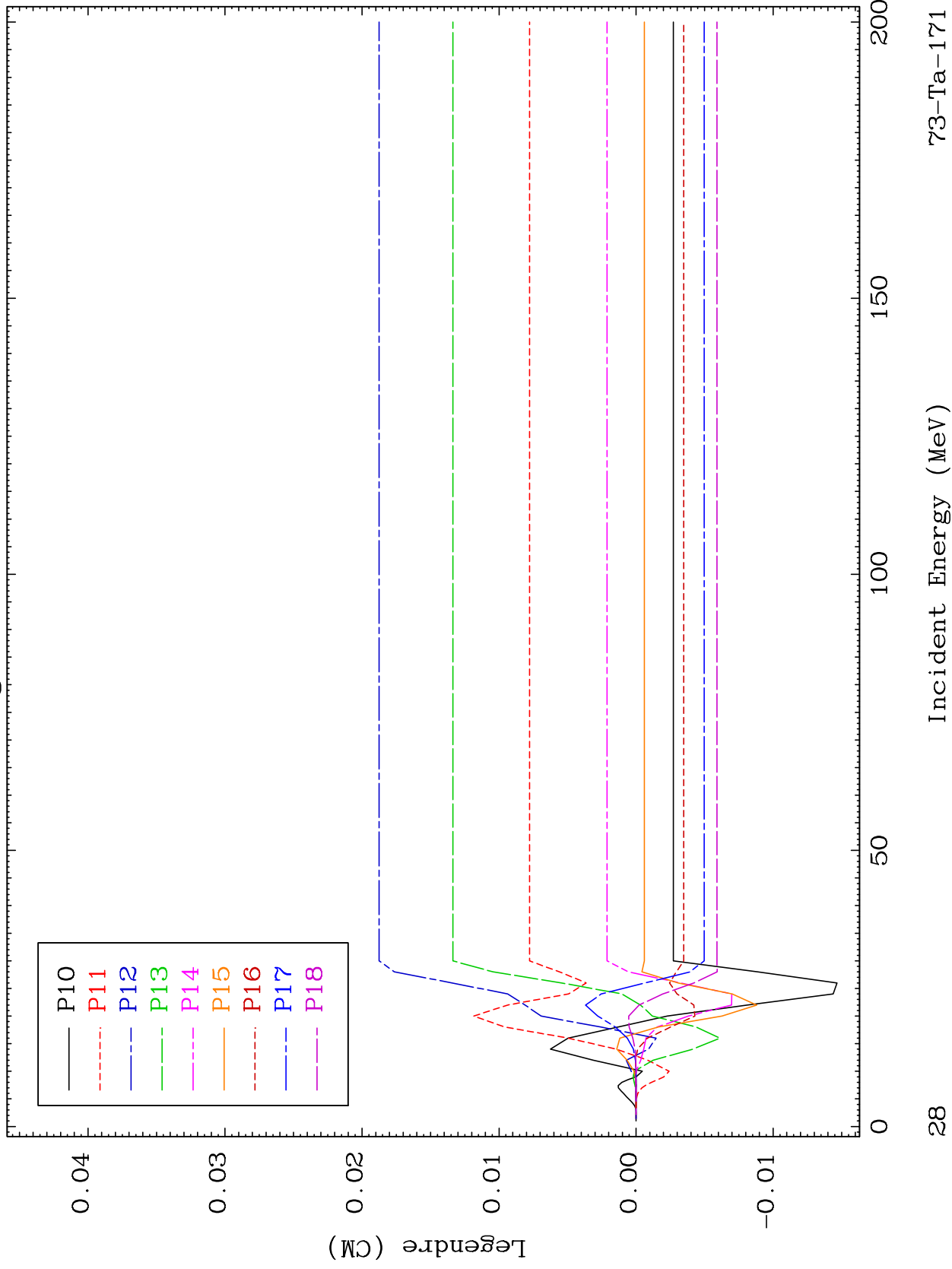
73-Ta-171



MAT 7298

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

73-Ta-171



28

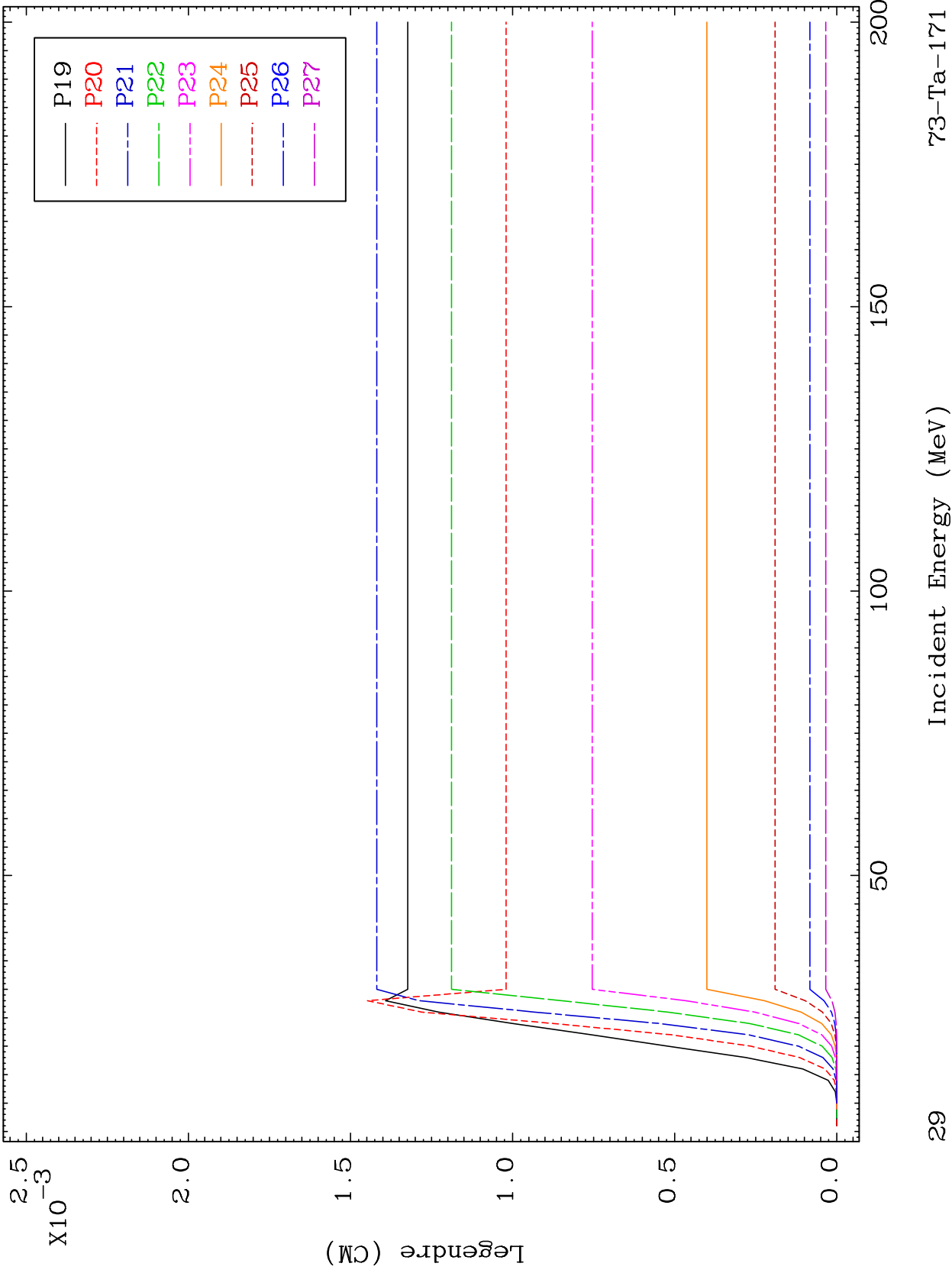
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



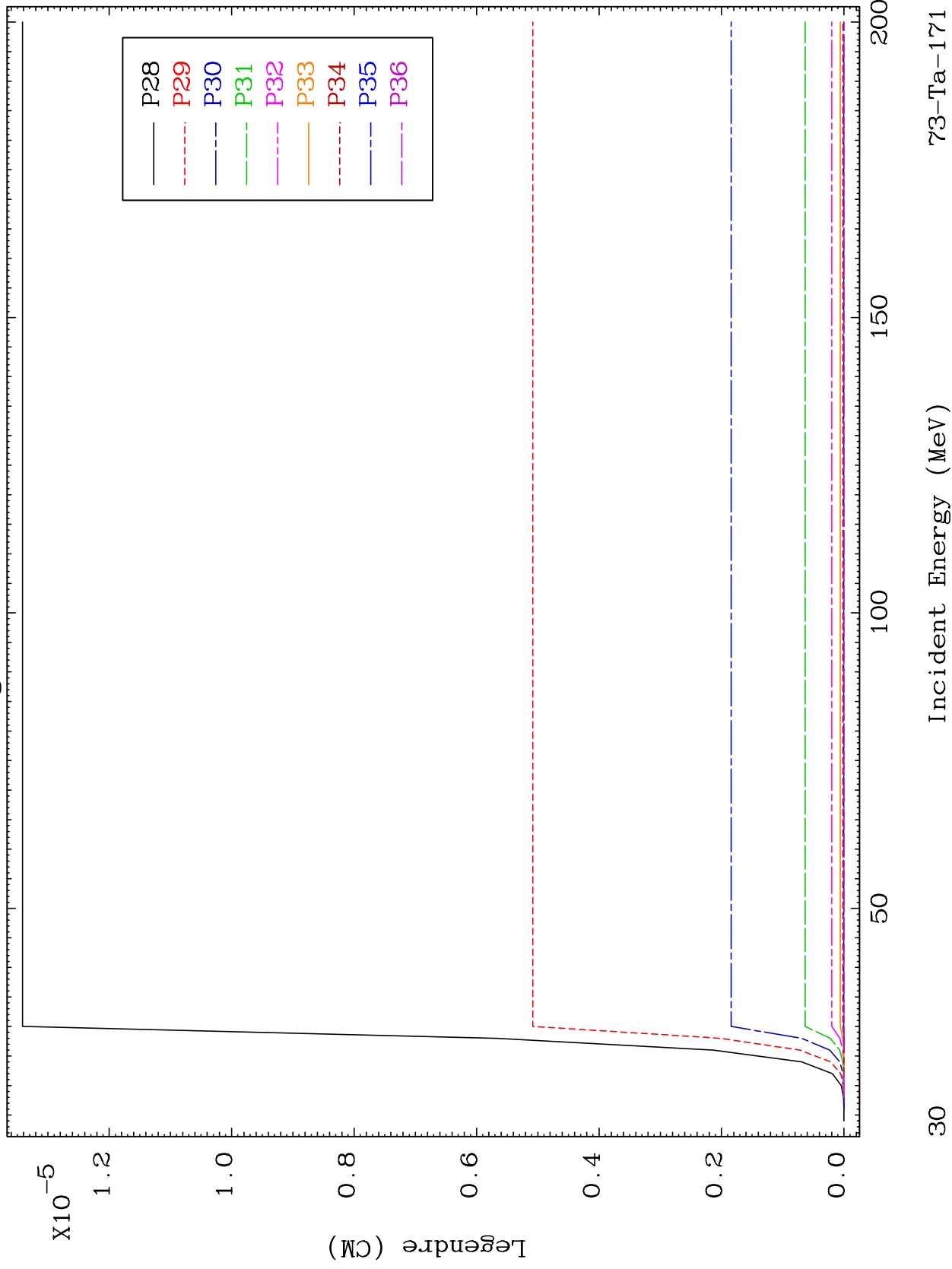
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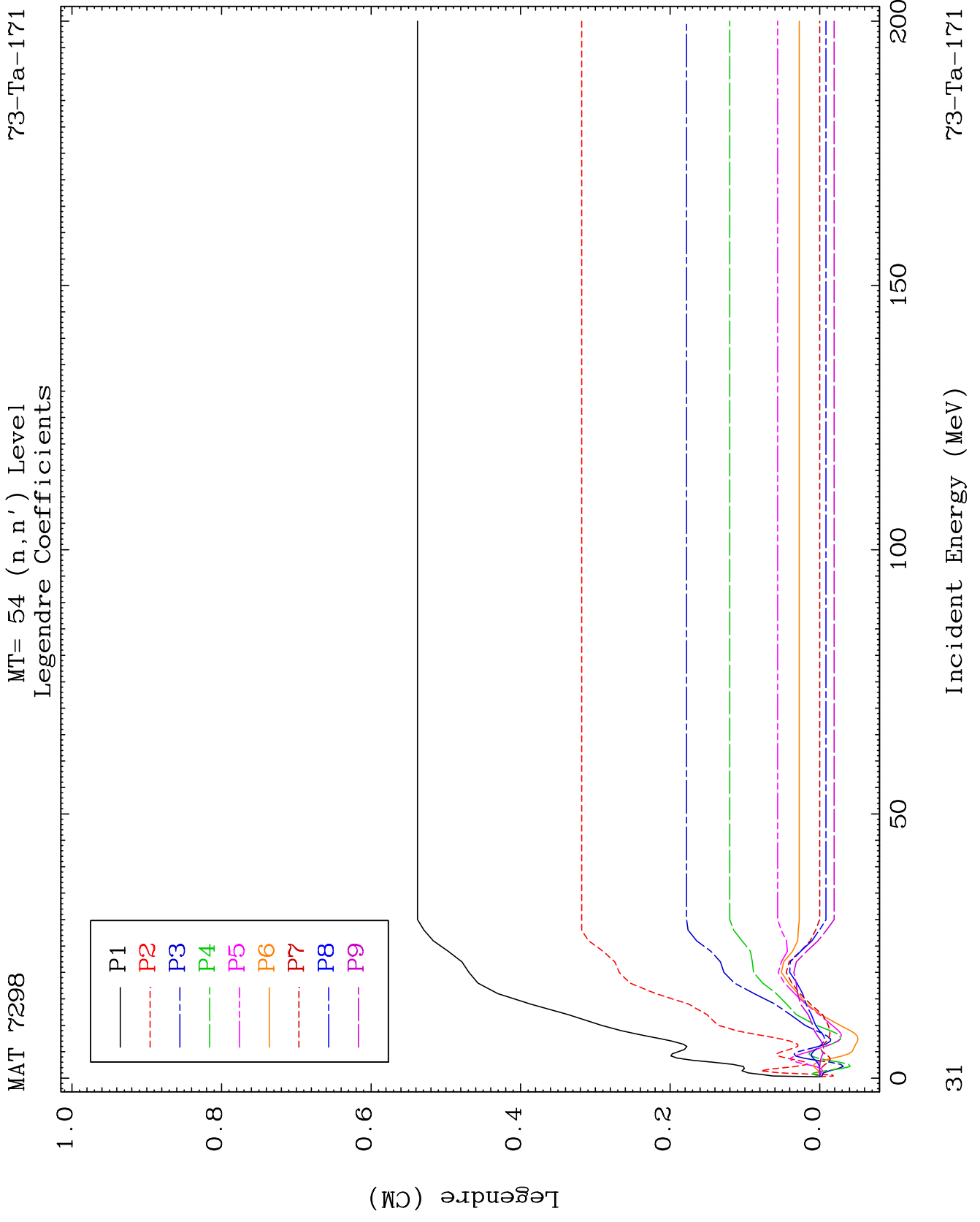
73-Ta-171

MAT 7298

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

73-Ta-171

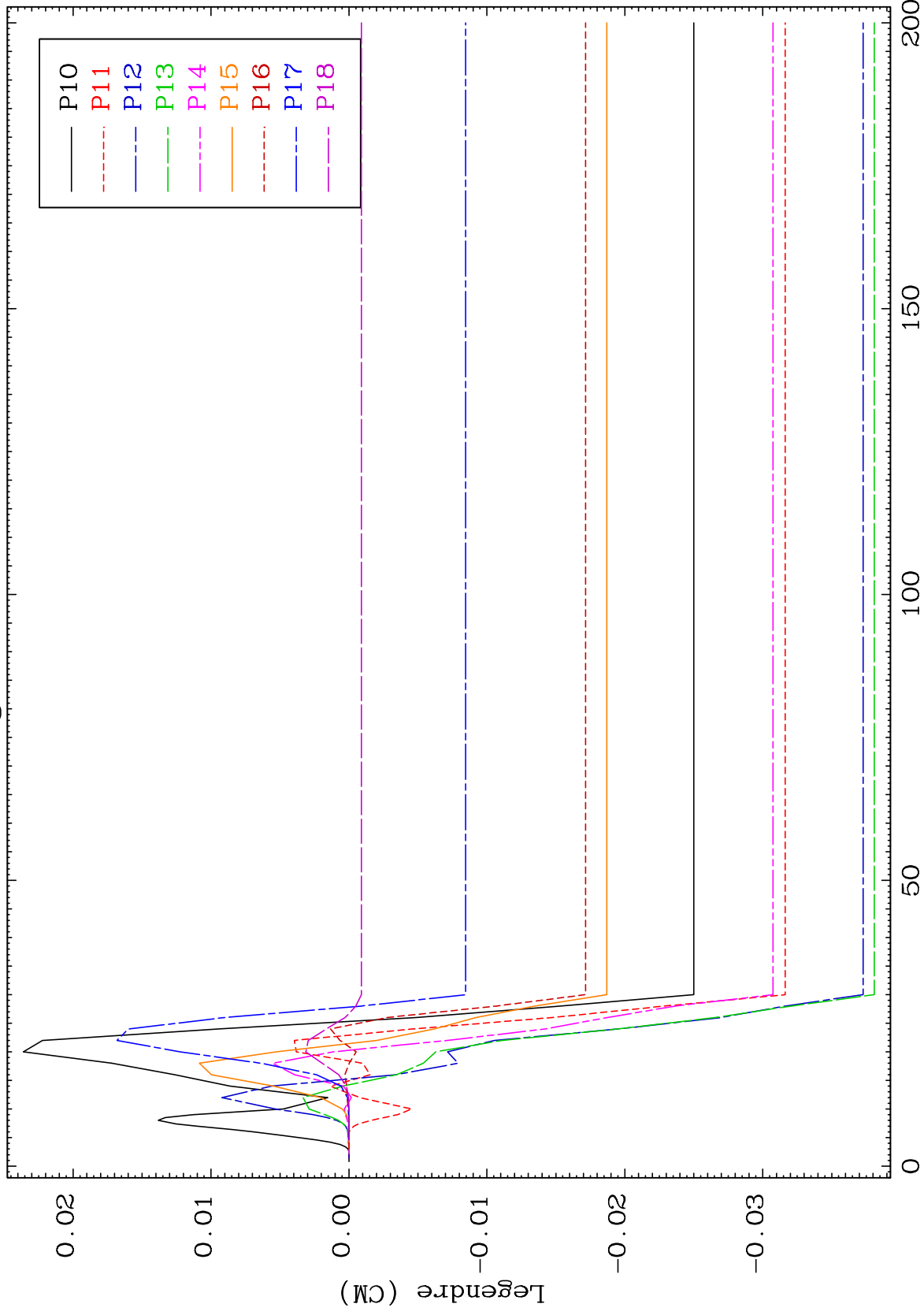




MAT 7298

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

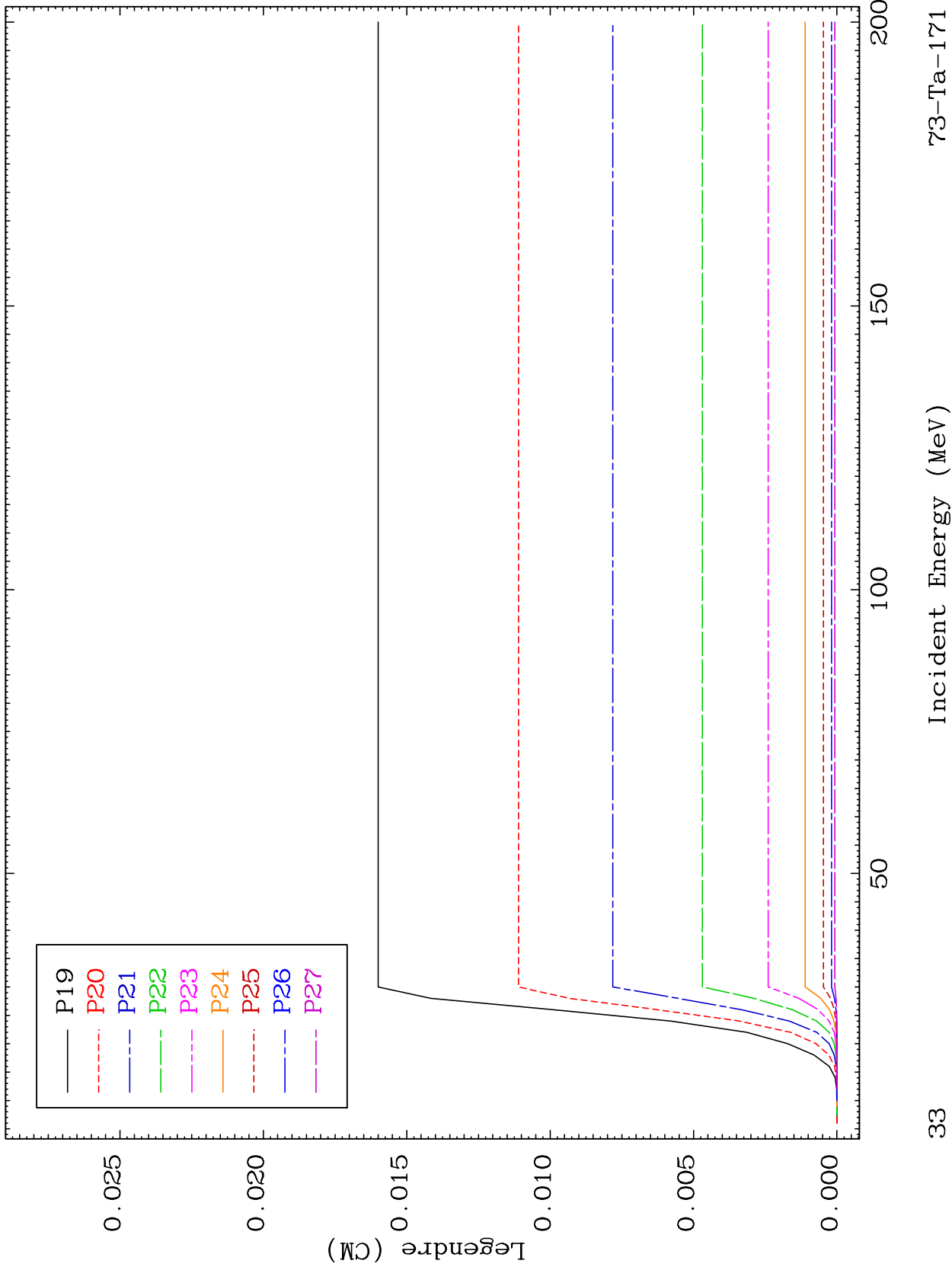
73-Ta-171



32

Incident Energy (MeV)

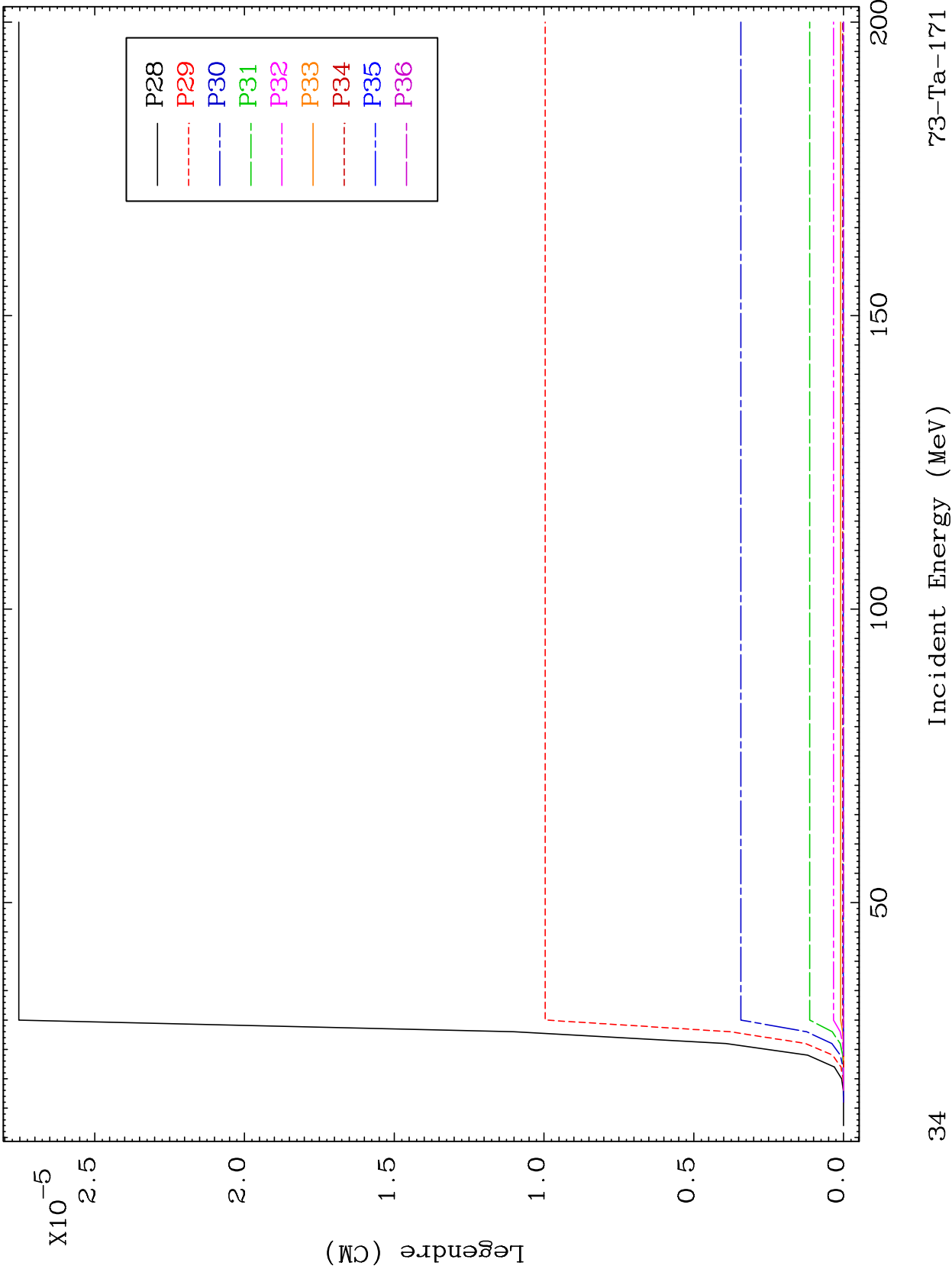
73-Ta-171



MAT 7298

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

73-Ta-171

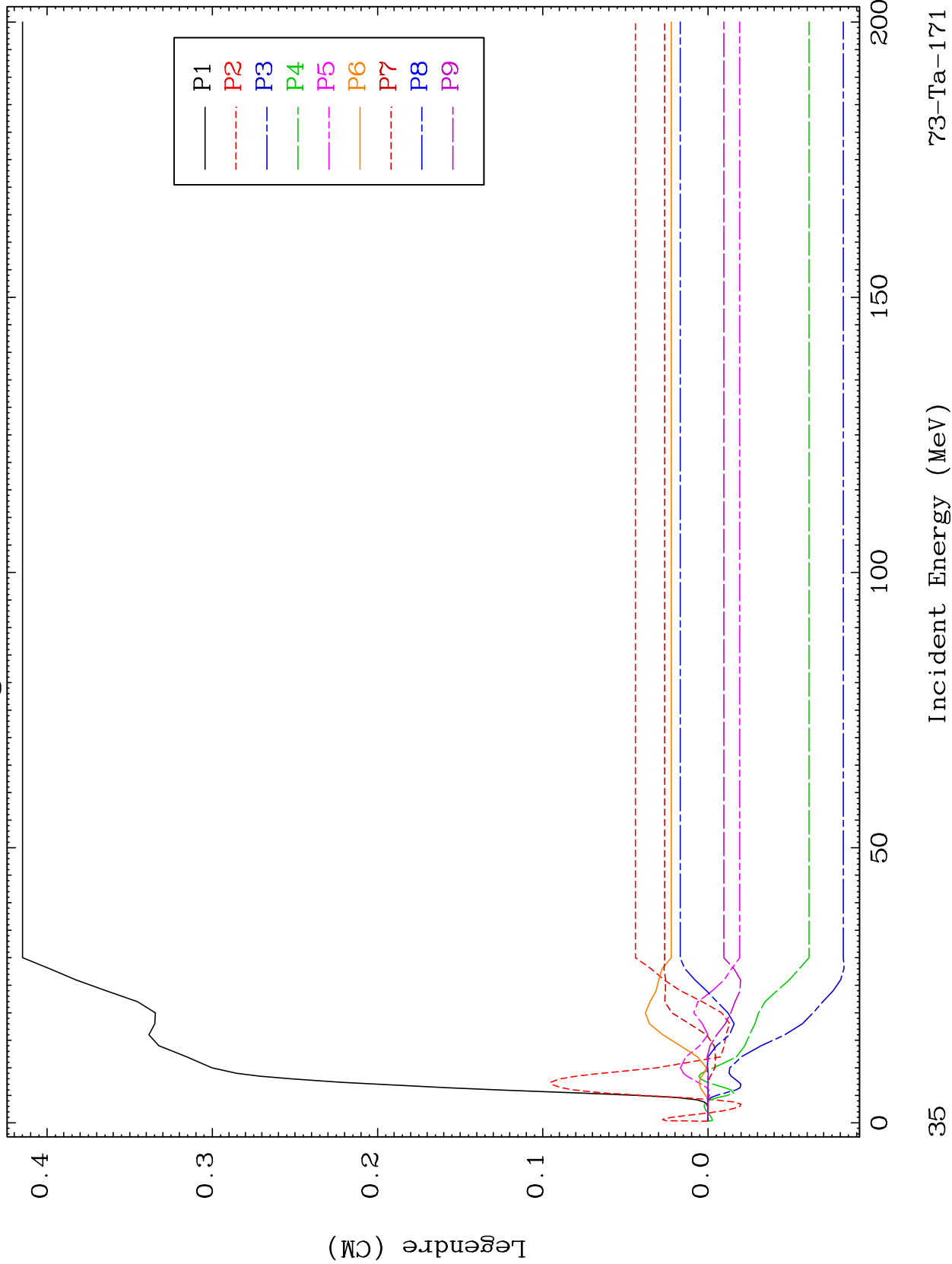


34

MAT 7298

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

73-Ta-171



73-Ta-171

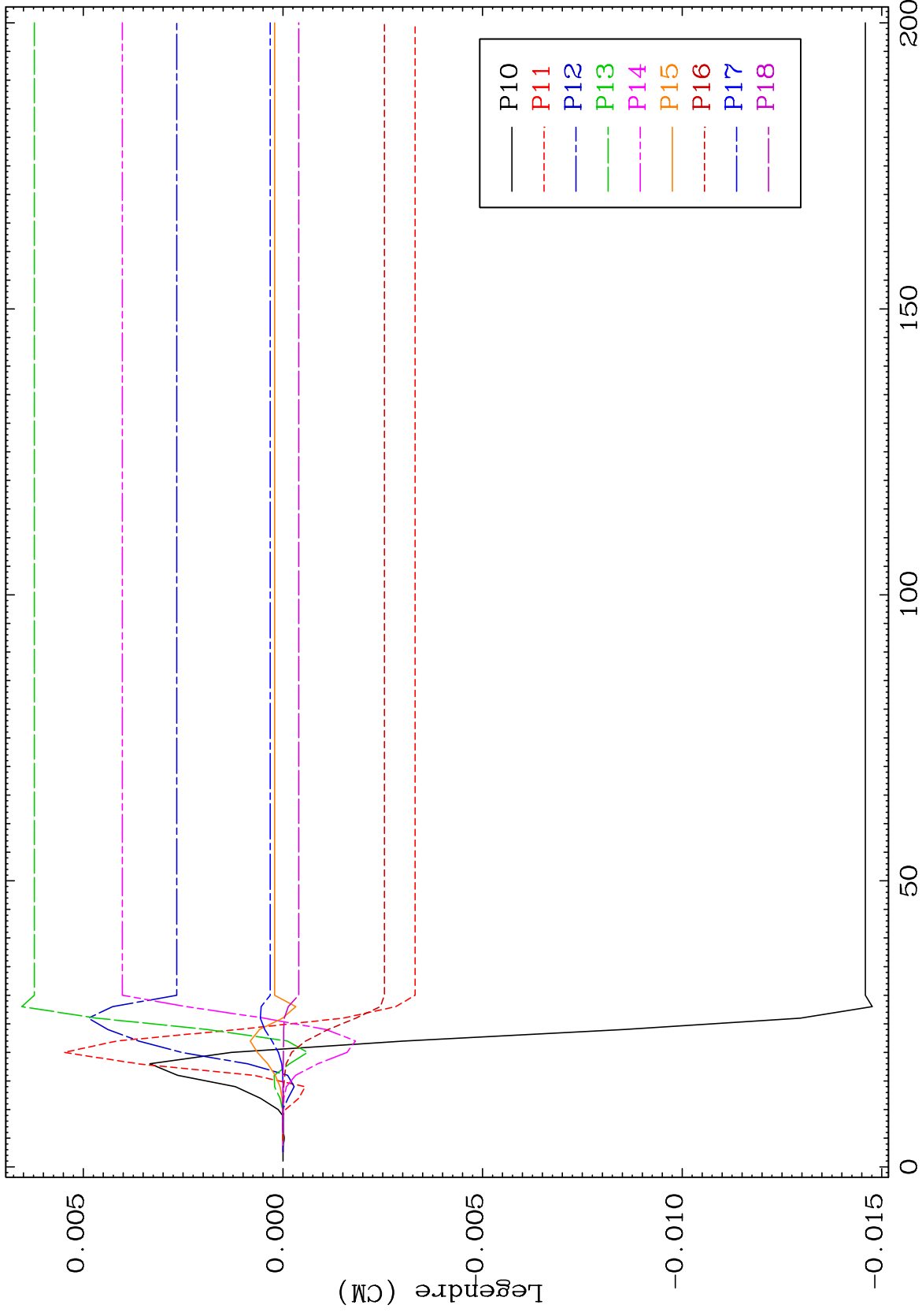
Incident Energy (MeV)

35

MAT 7298

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

73-Ta-171



36

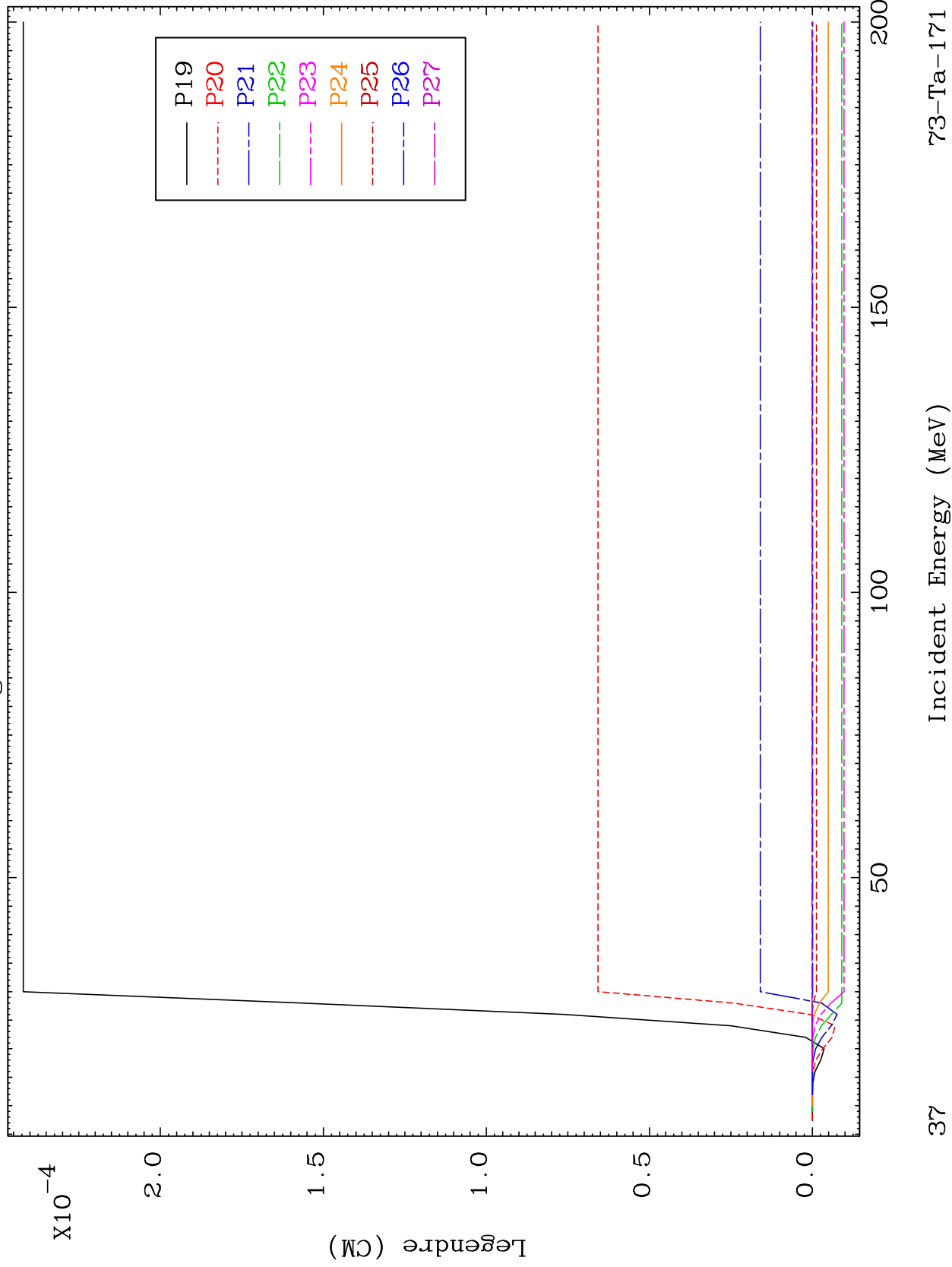
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



37

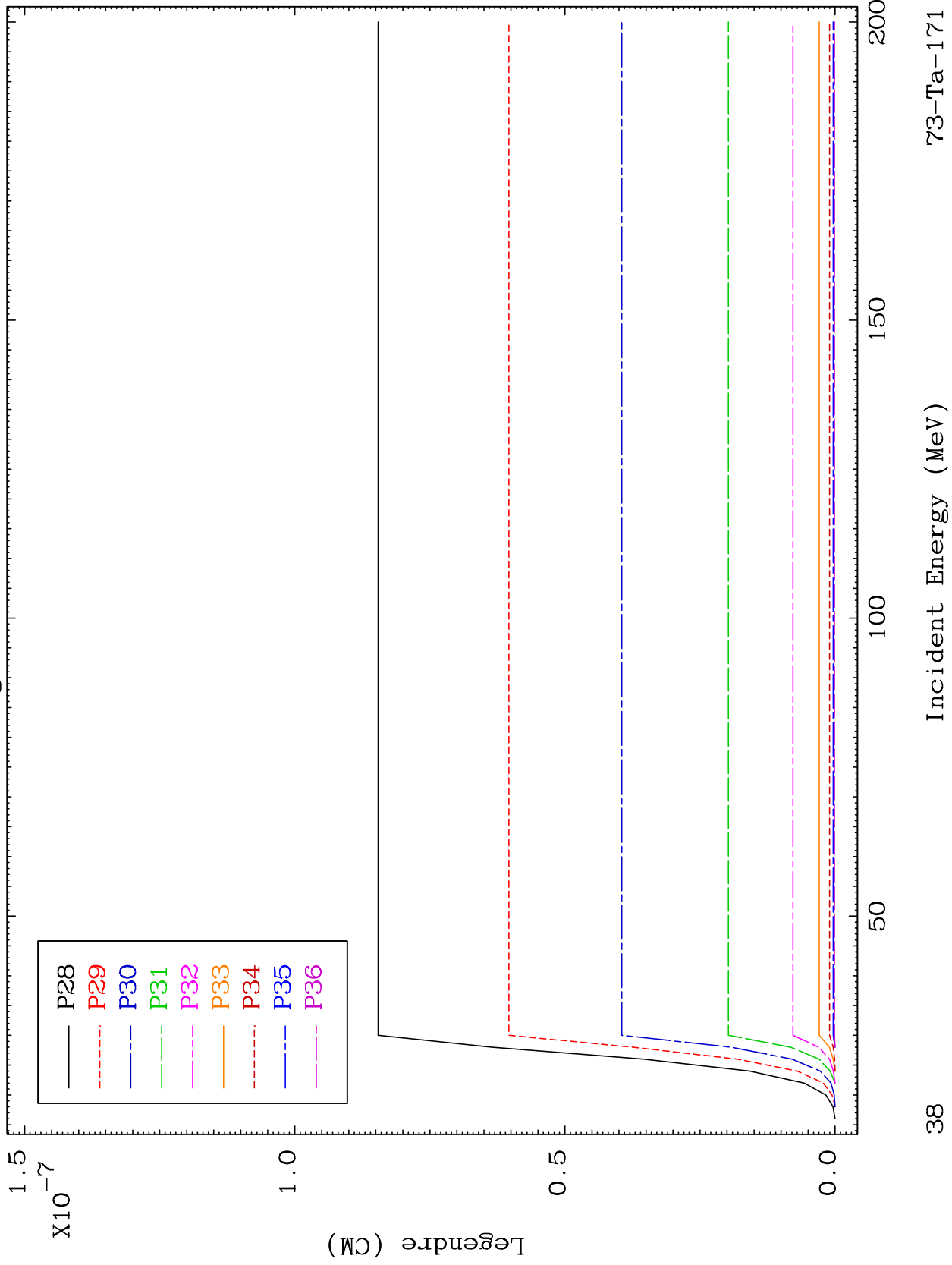
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

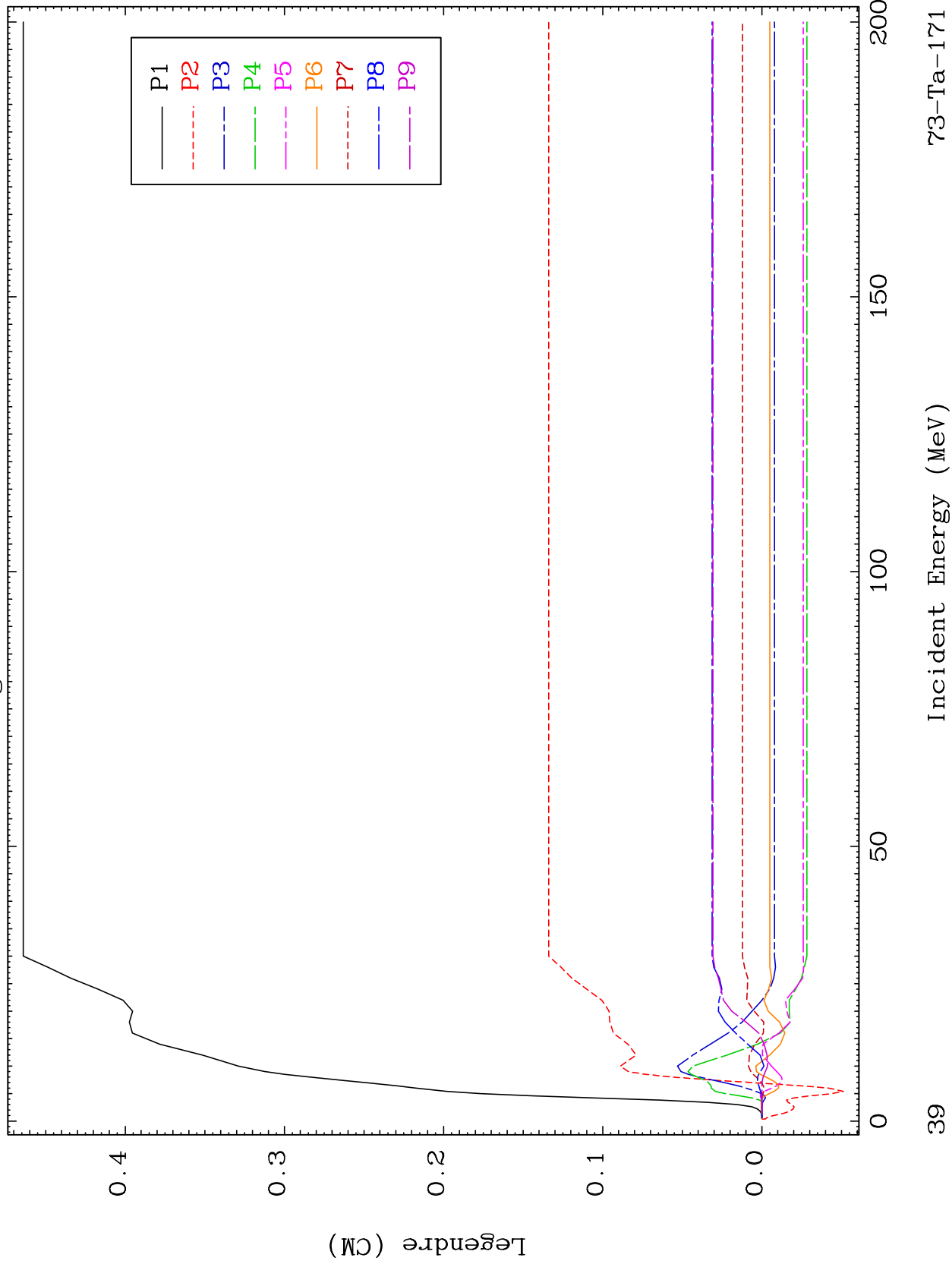
73-Ta-171



MAT 7298

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

73-Ta-171

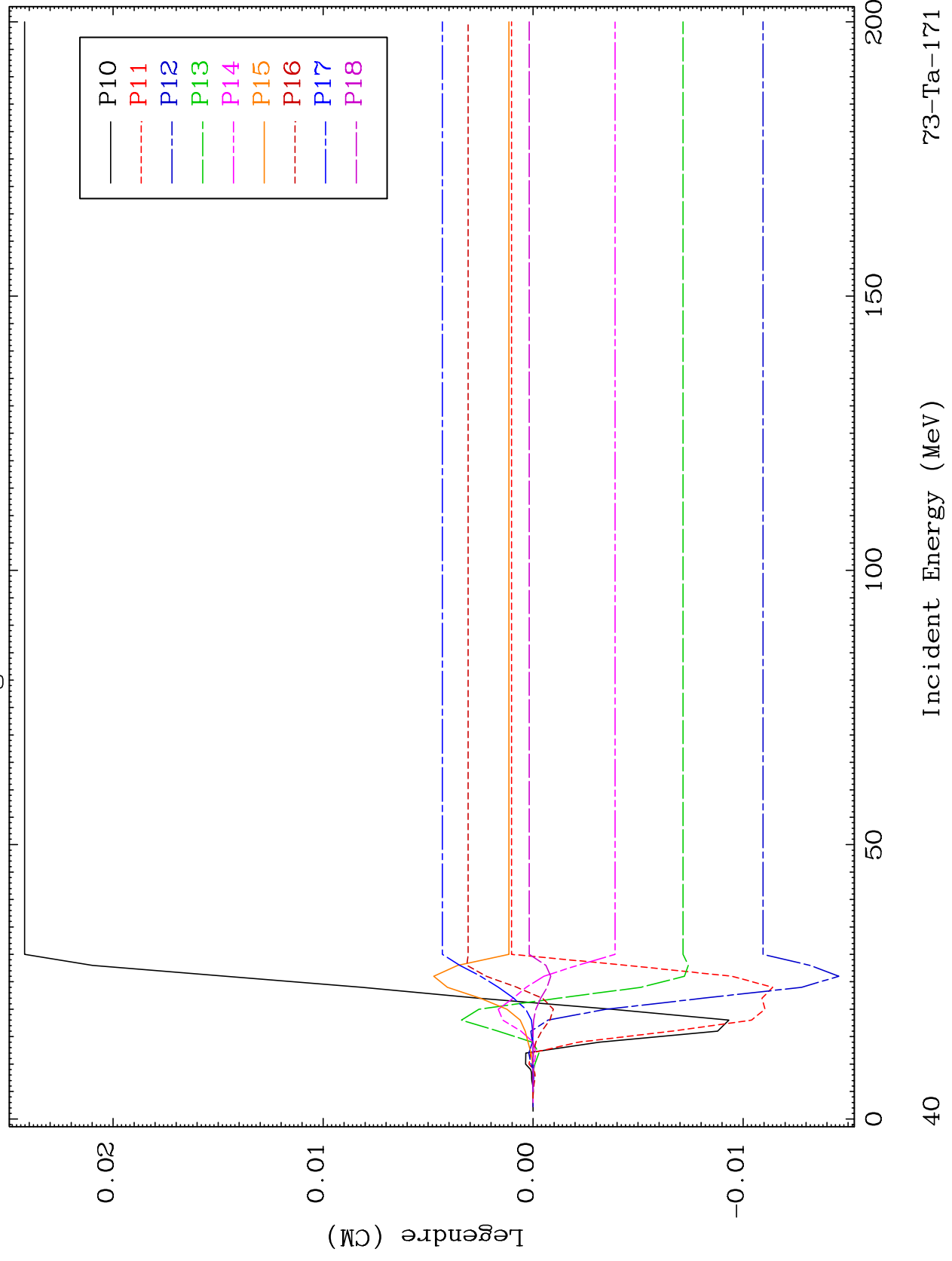


39

MAT 7298

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

73-Ta-171



73-Ta-171

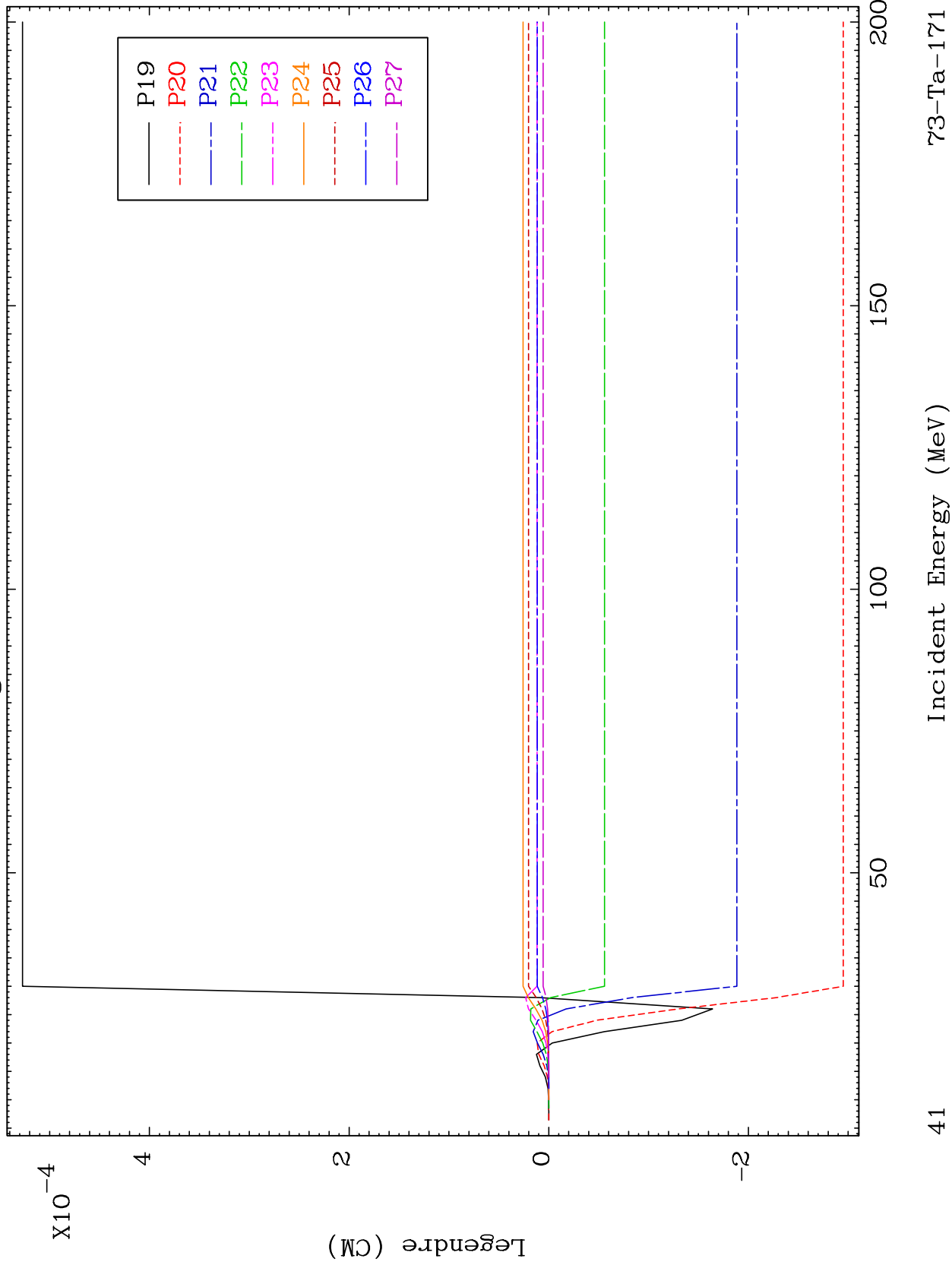
Incident Energy (MeV)

40

MAT 7298

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

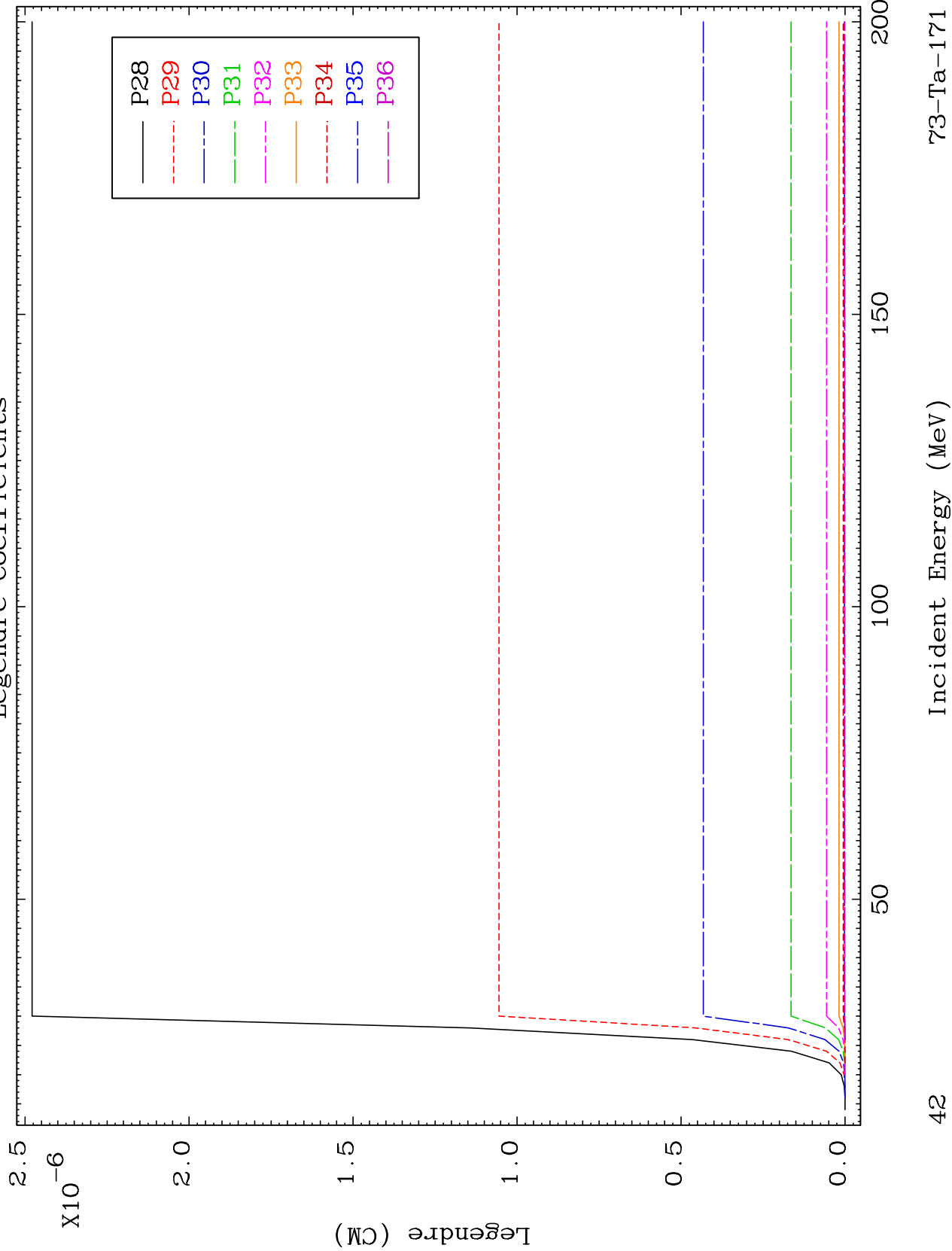
73-Ta-171



MAT 7298

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

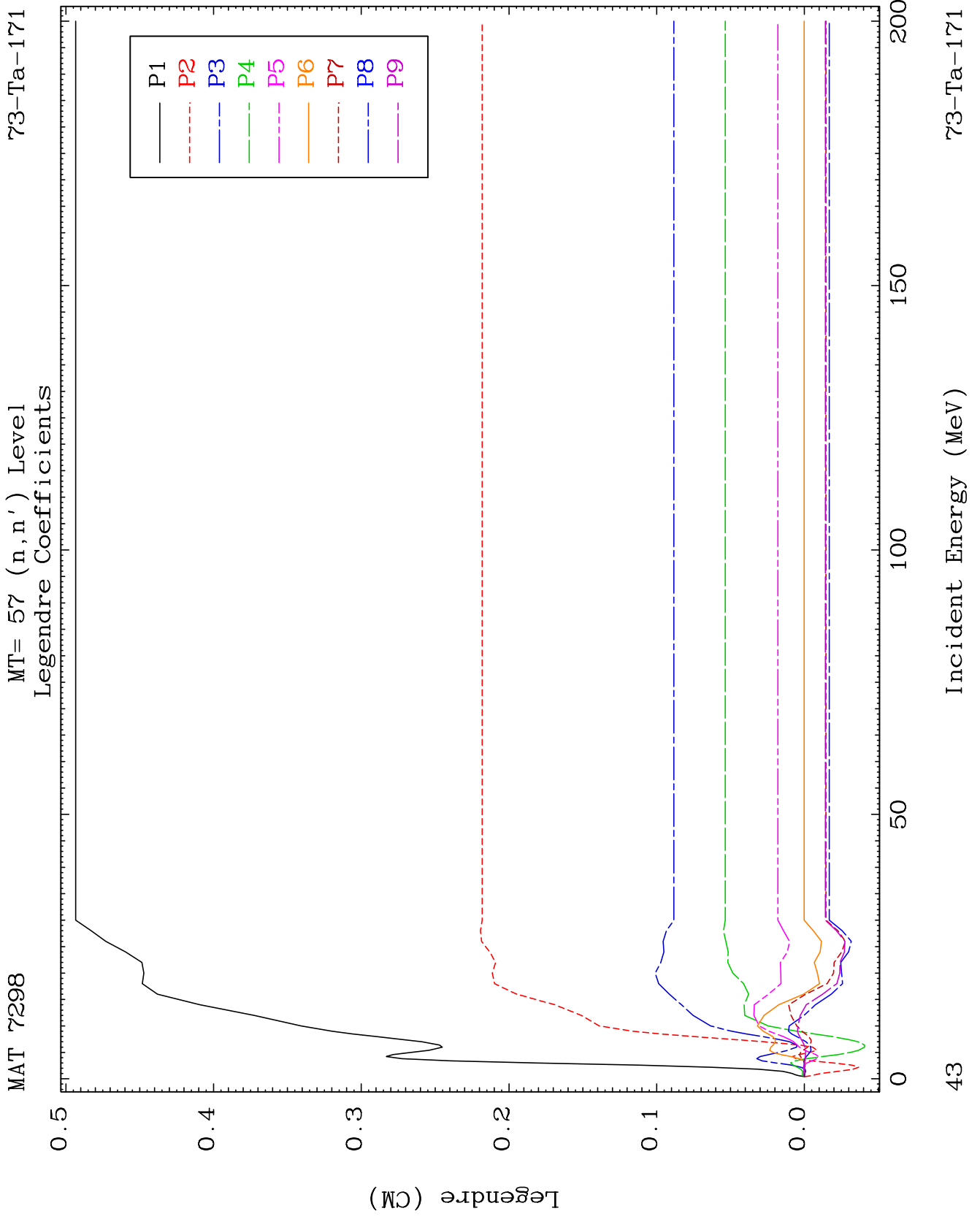
73-Ta-171



42

Incident Energy (MeV)

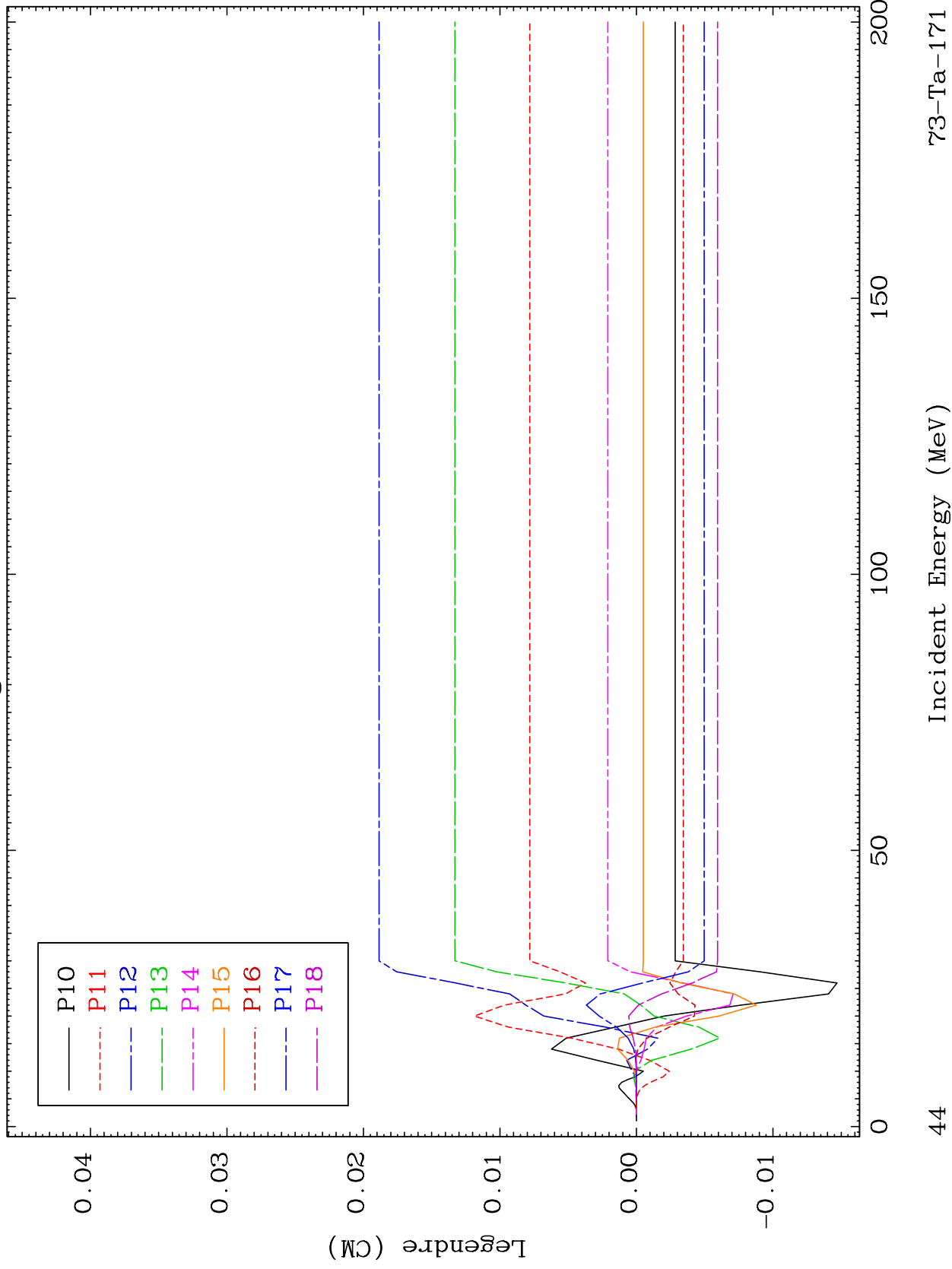
73-Ta-171



MAT 7298

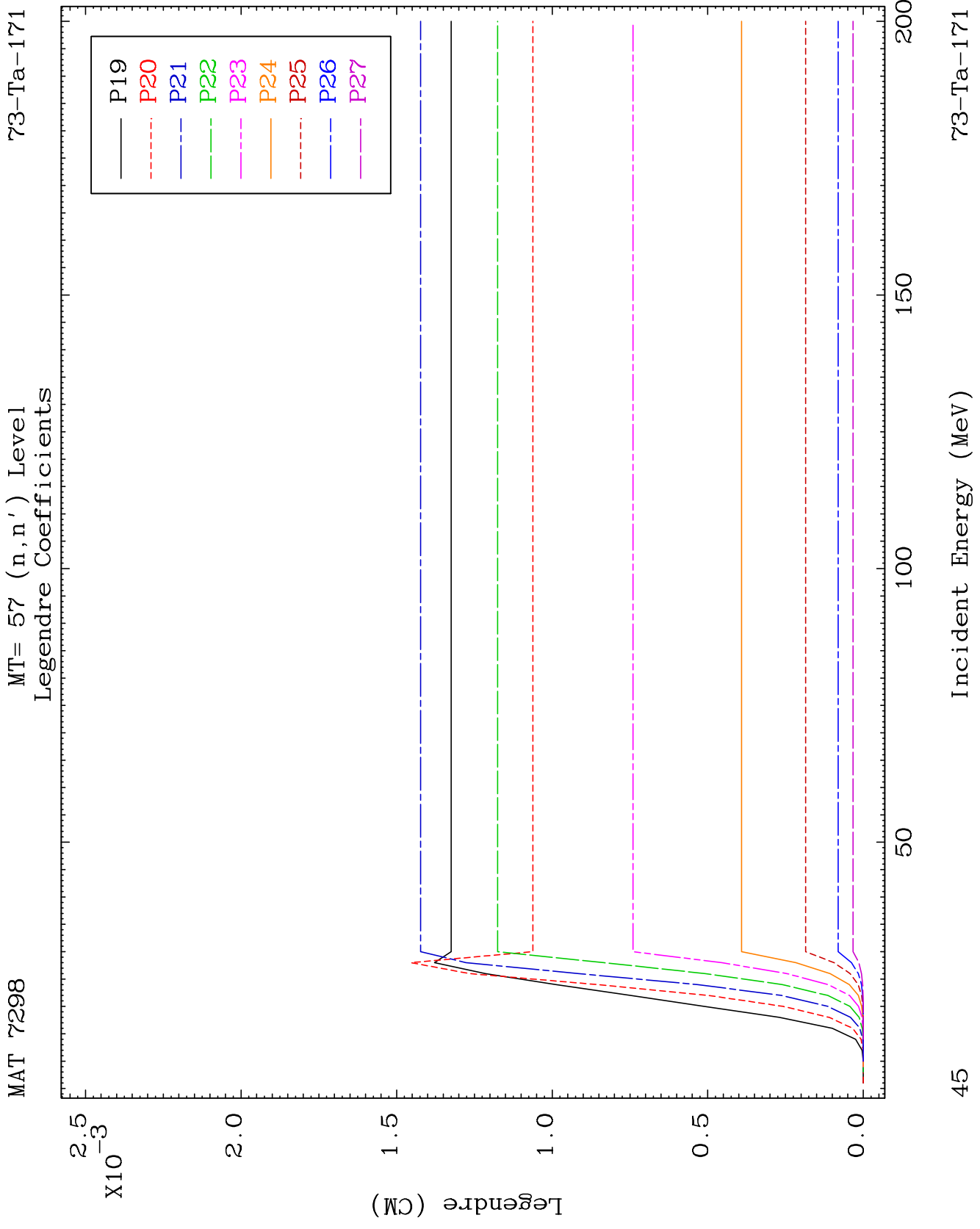
MT= 57 (n,n') Level
Legendre Coefficients

73-Ta-171



44

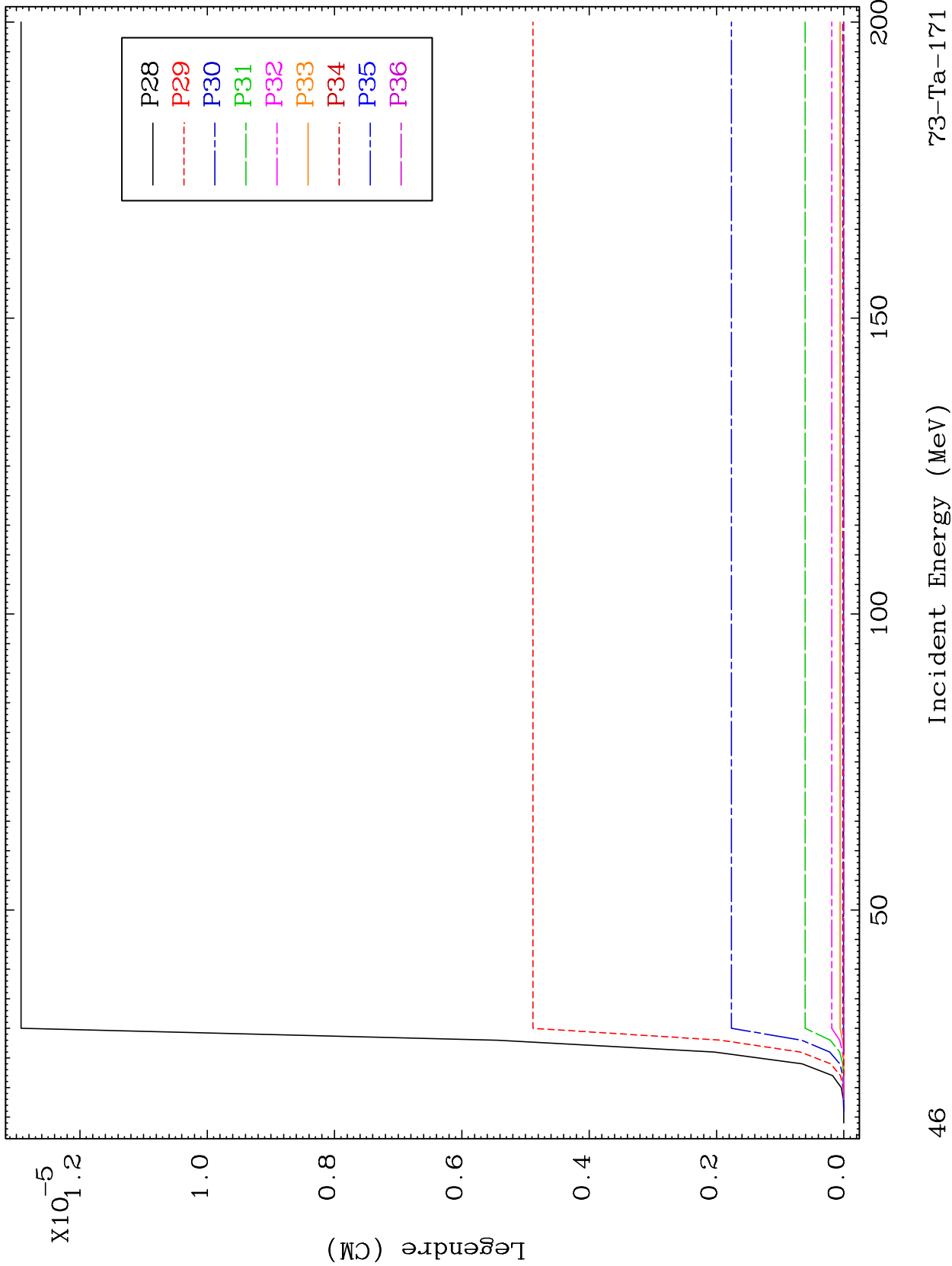
73-Ta-171



MAT 7298

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

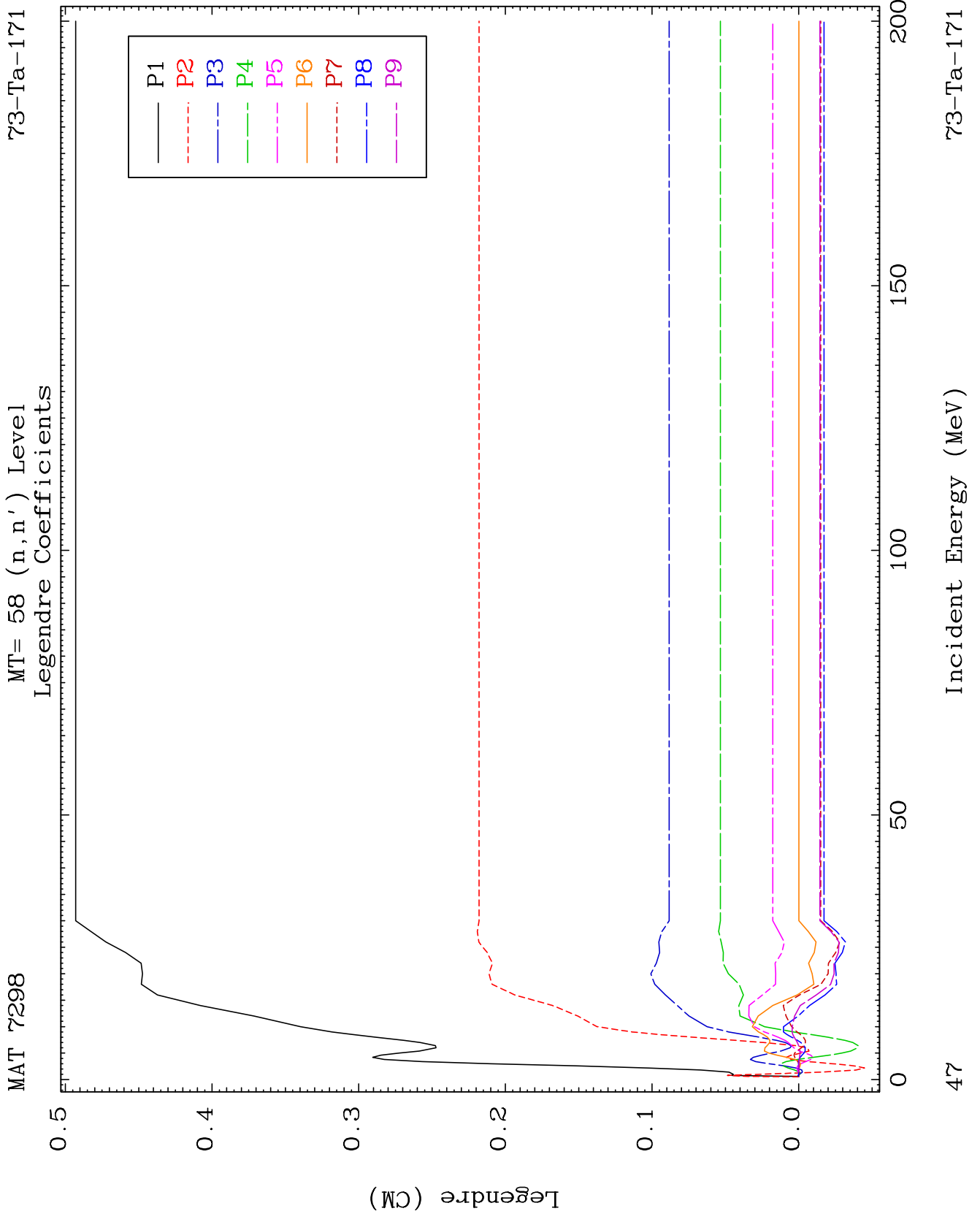
73-Ta-171



46

Incident Energy (MeV)

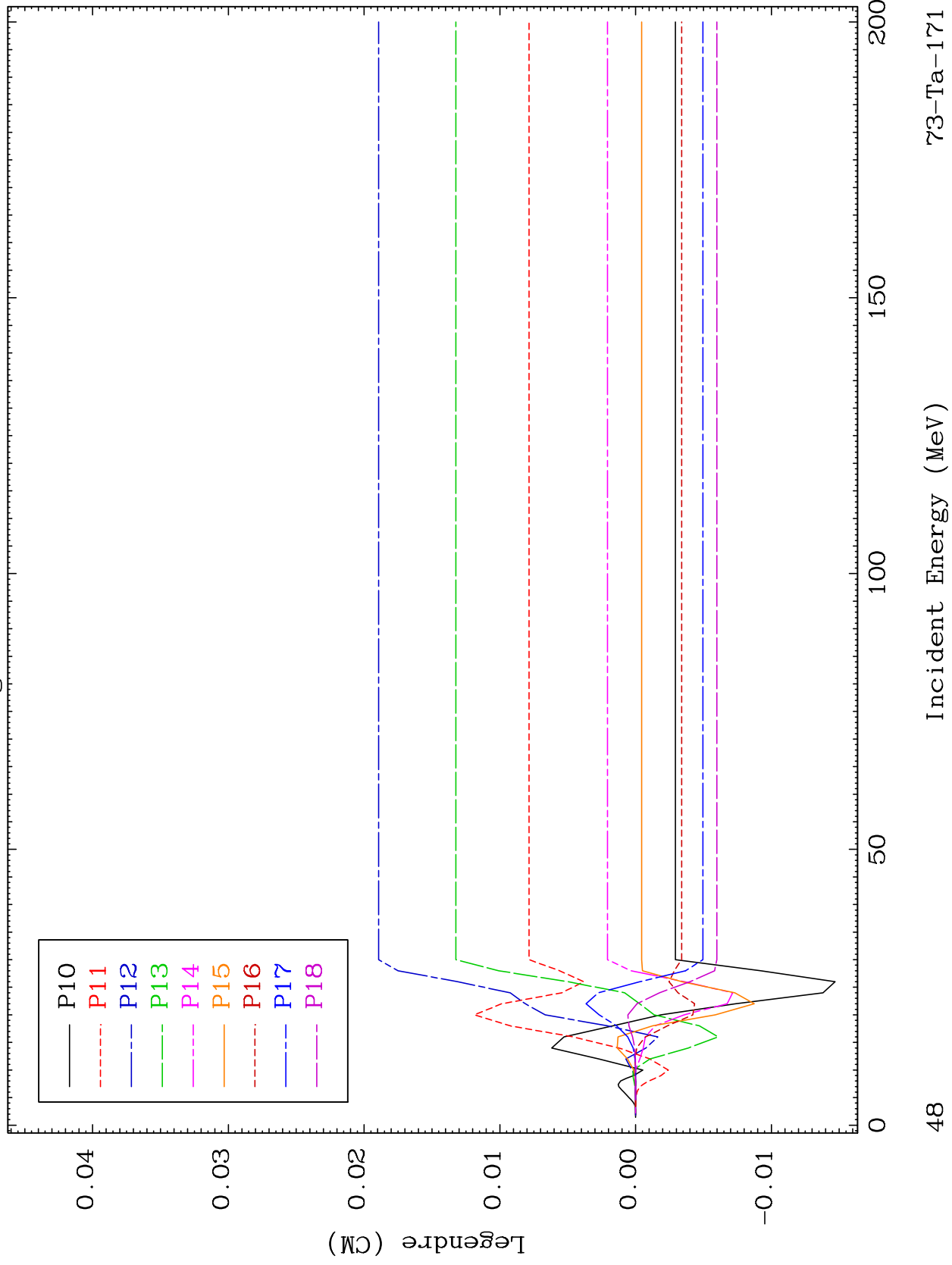
73-Ta-171



MAT 7298

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

73-Ta-171



73-Ta-171

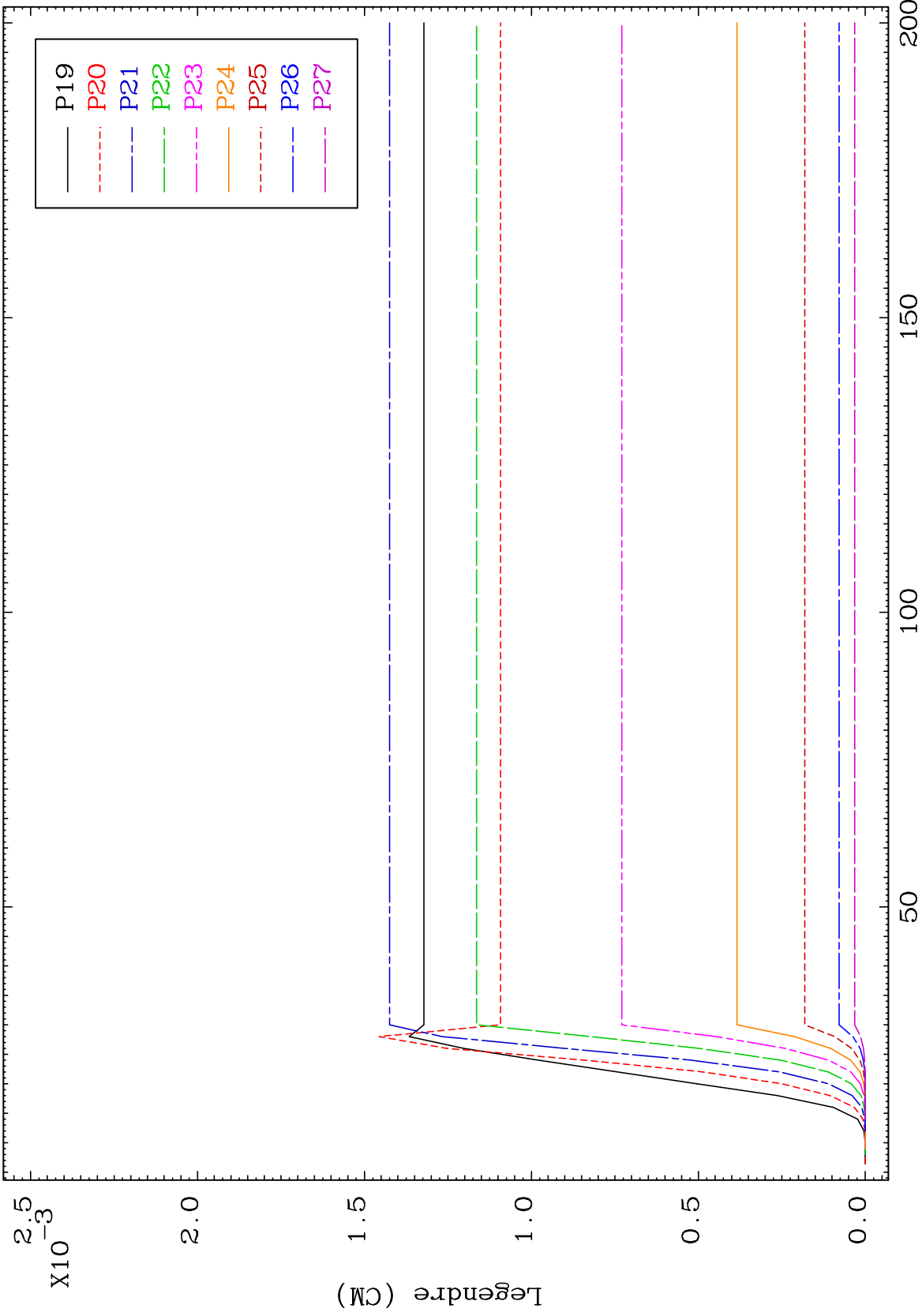
Incident Energy (MeV)

48

MAT 7298

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

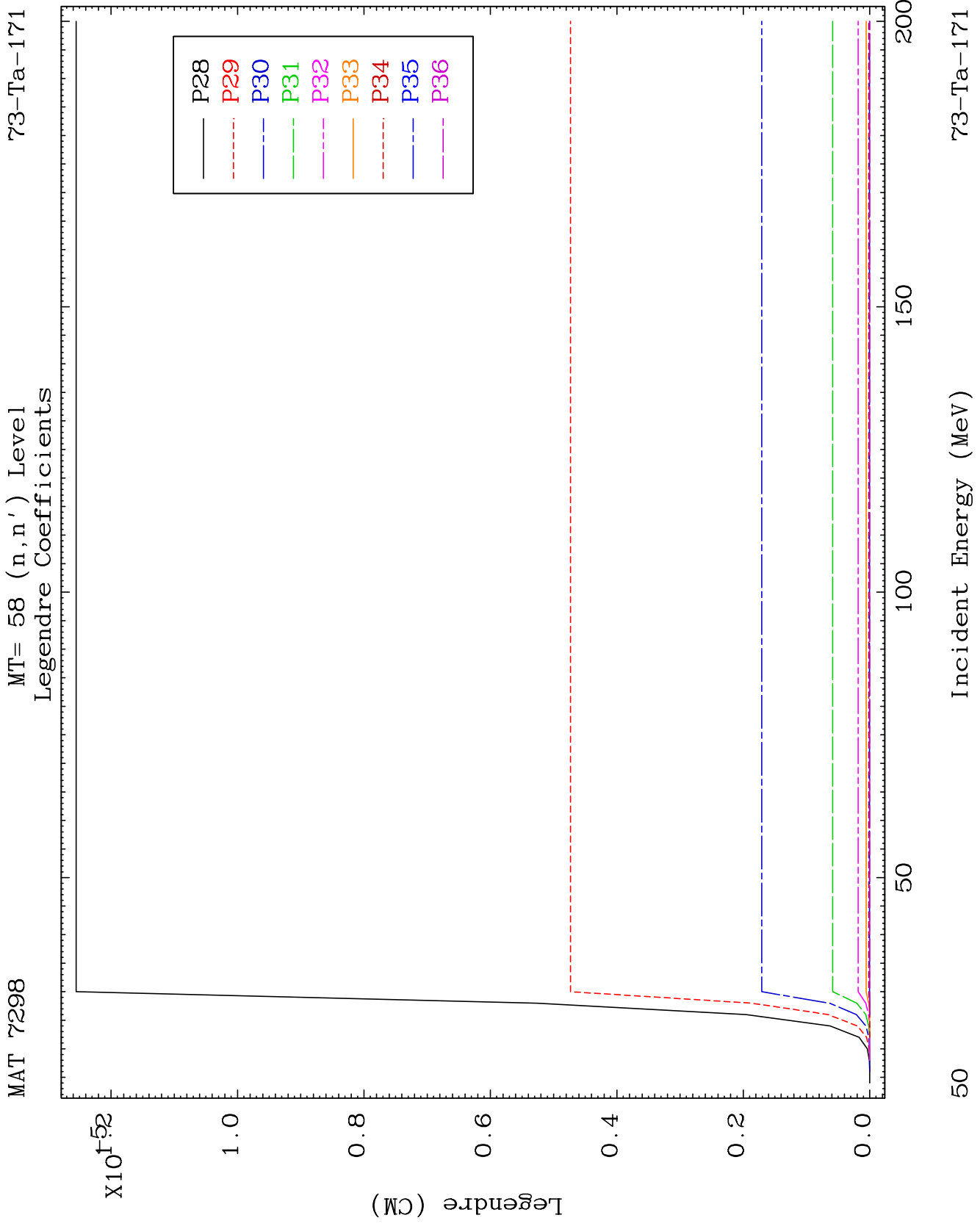
73-Ta-171



49

Incident Energy (MeV)

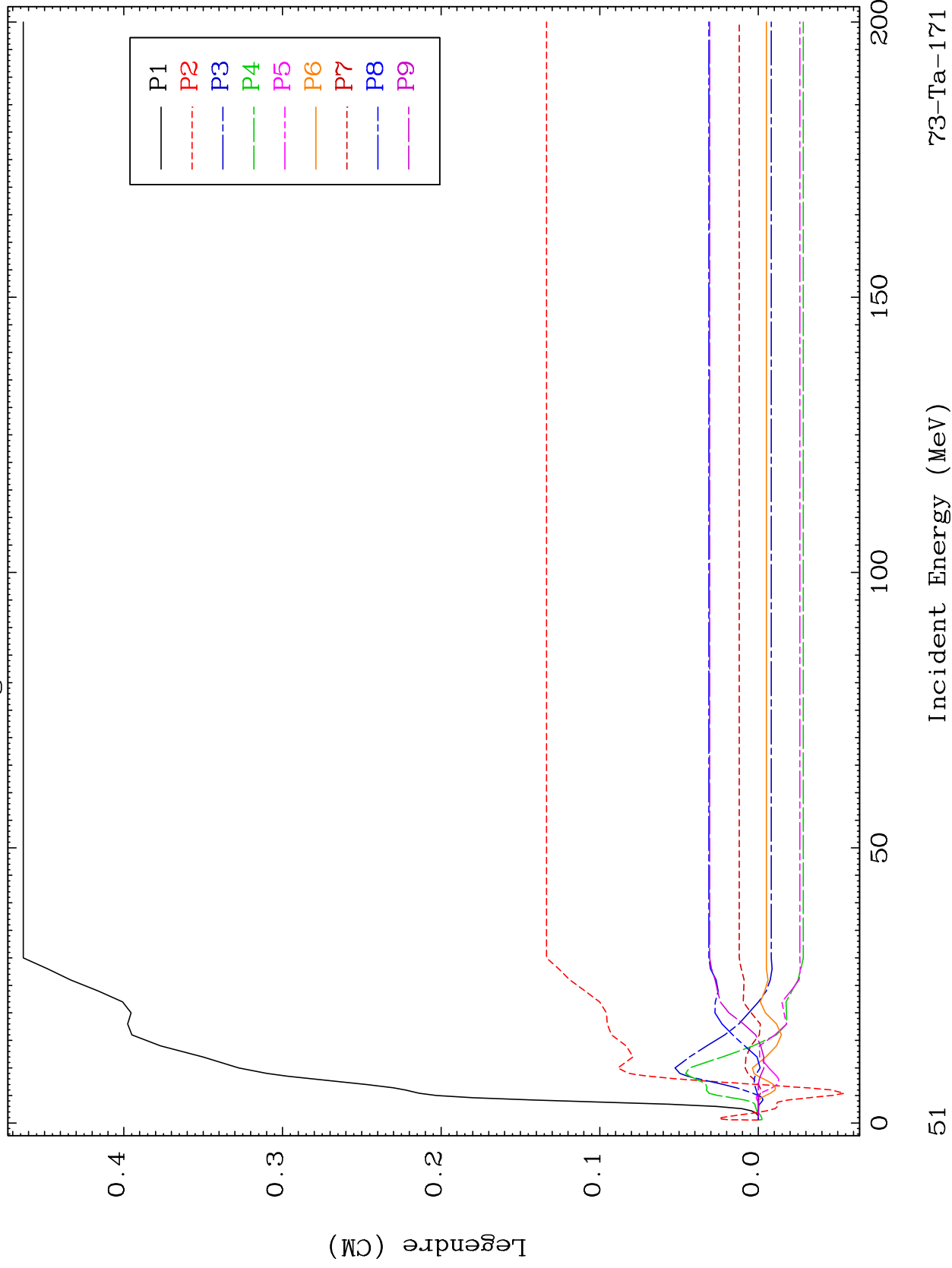
73-Ta-171



MAT 7298

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

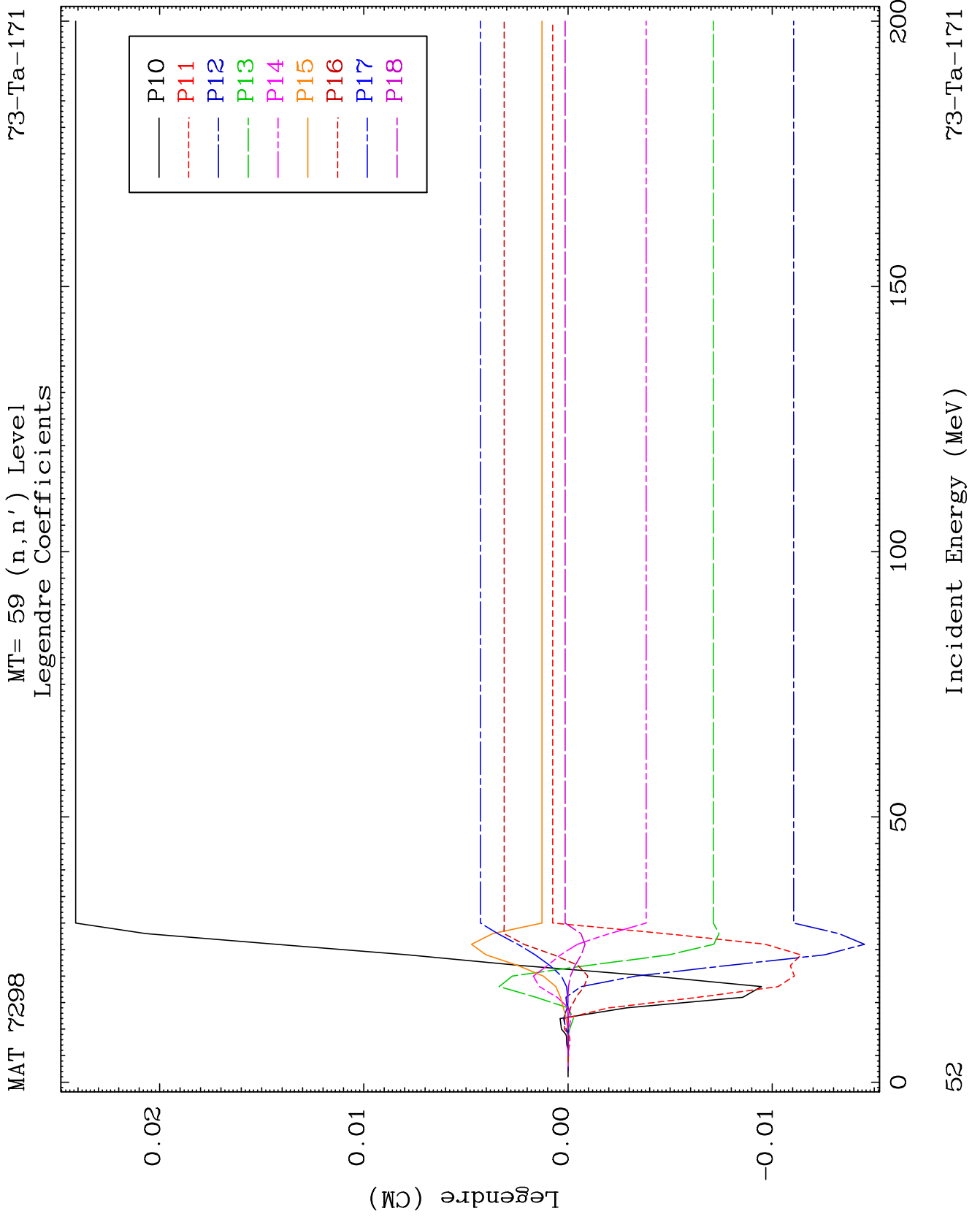
73-Ta-171



73-Ta-171

Incident Energy (MeV)

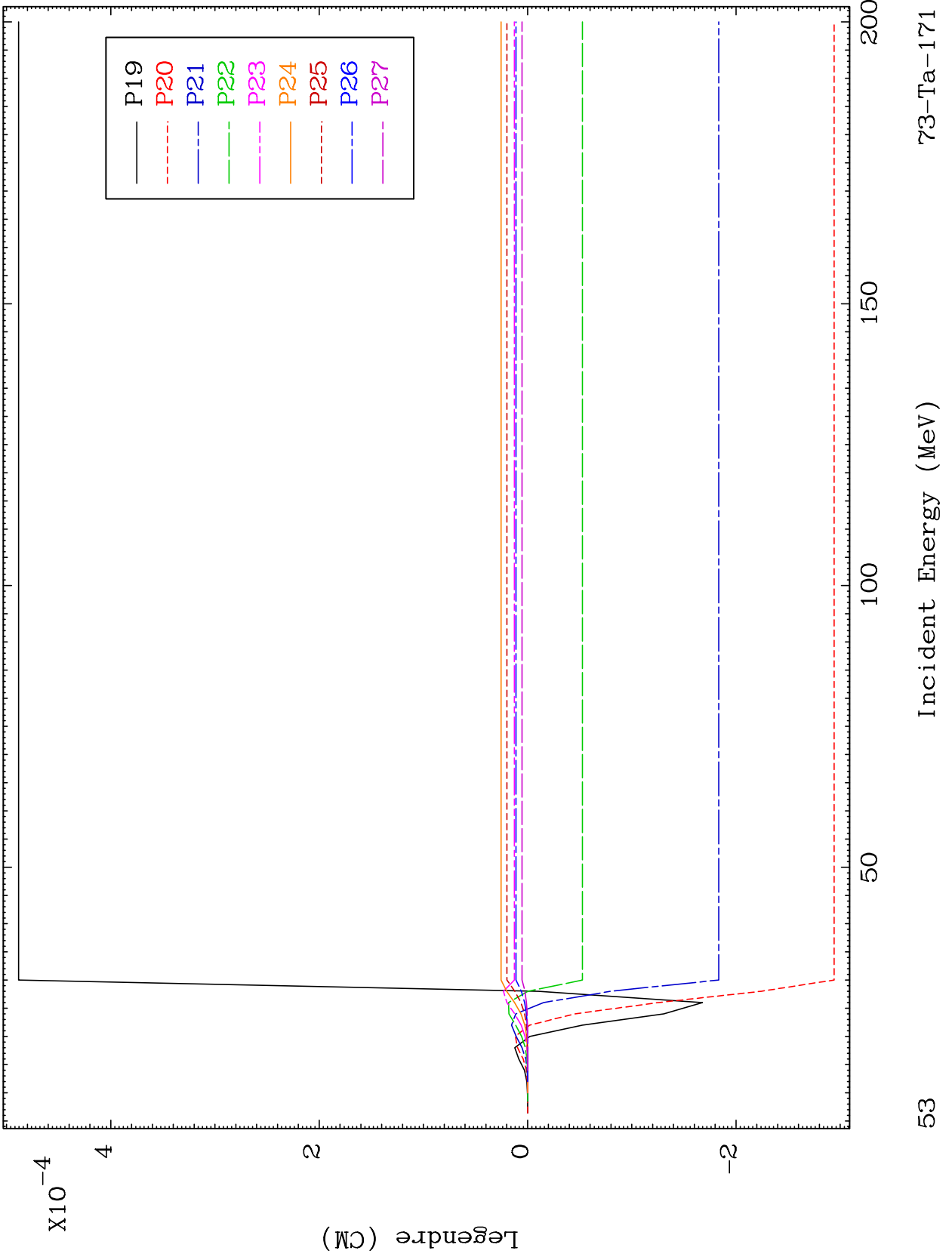
51



MAT 7298

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

73-Ta-171



53

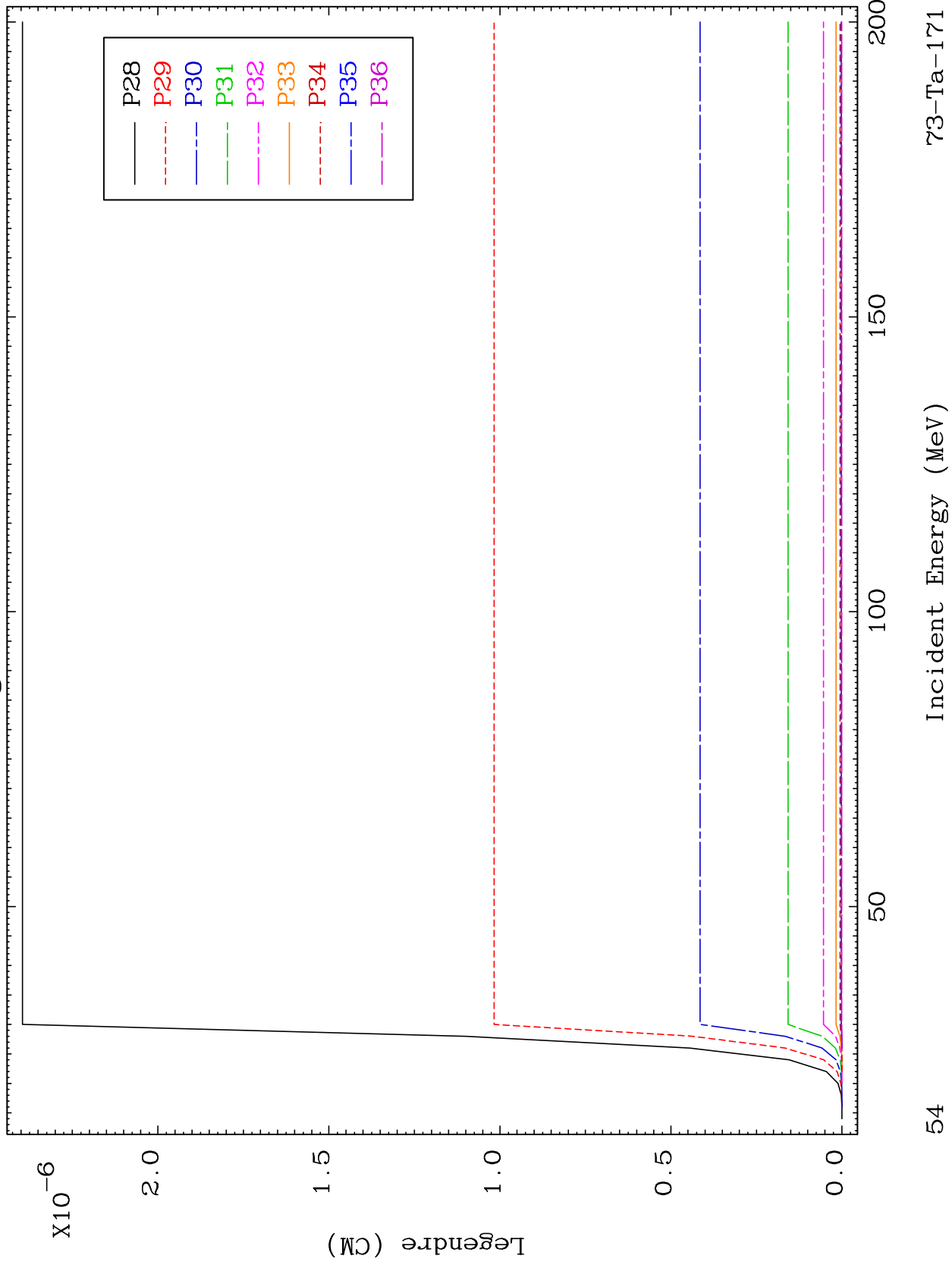
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

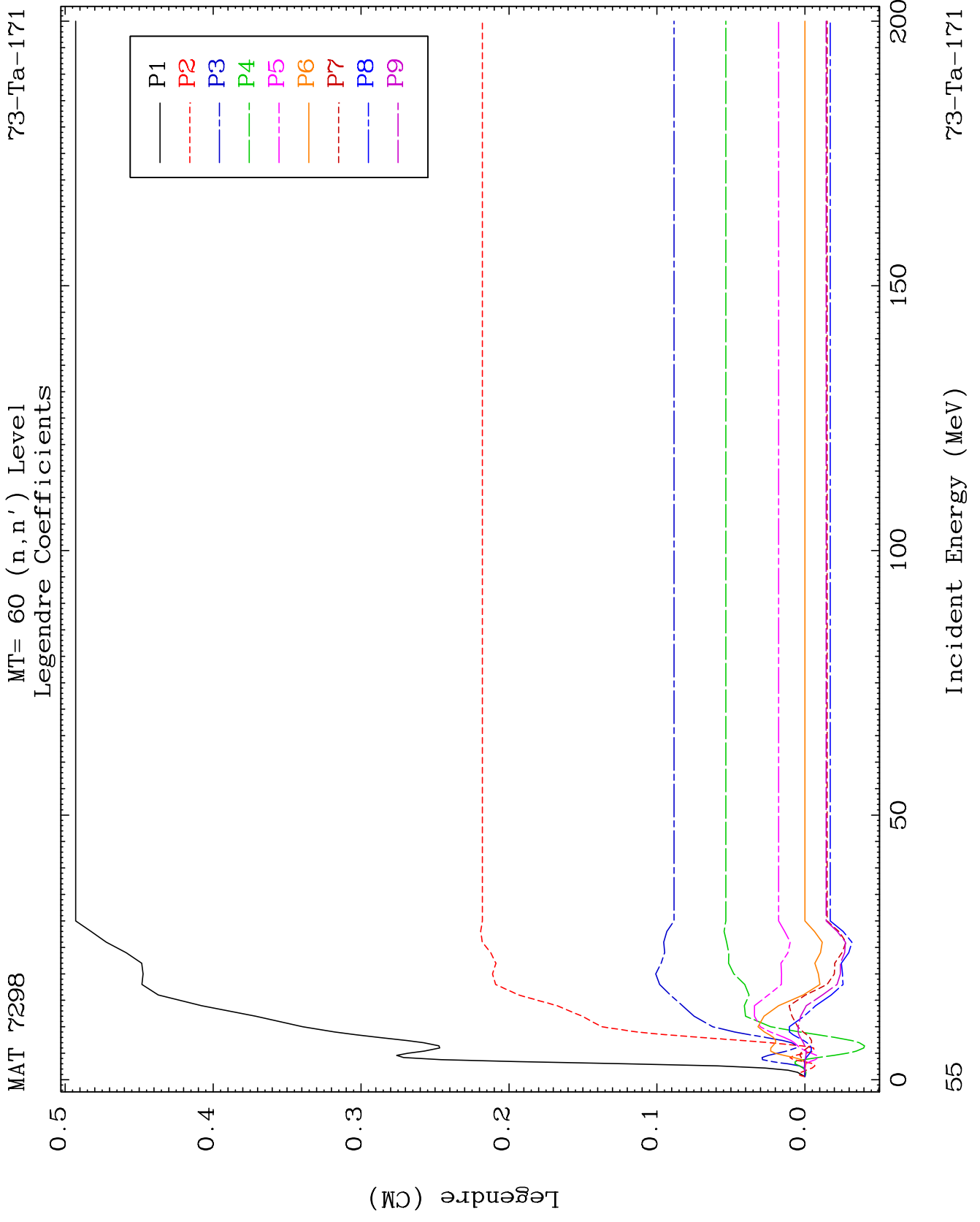
73-Ta-171



54

Incident Energy (MeV)

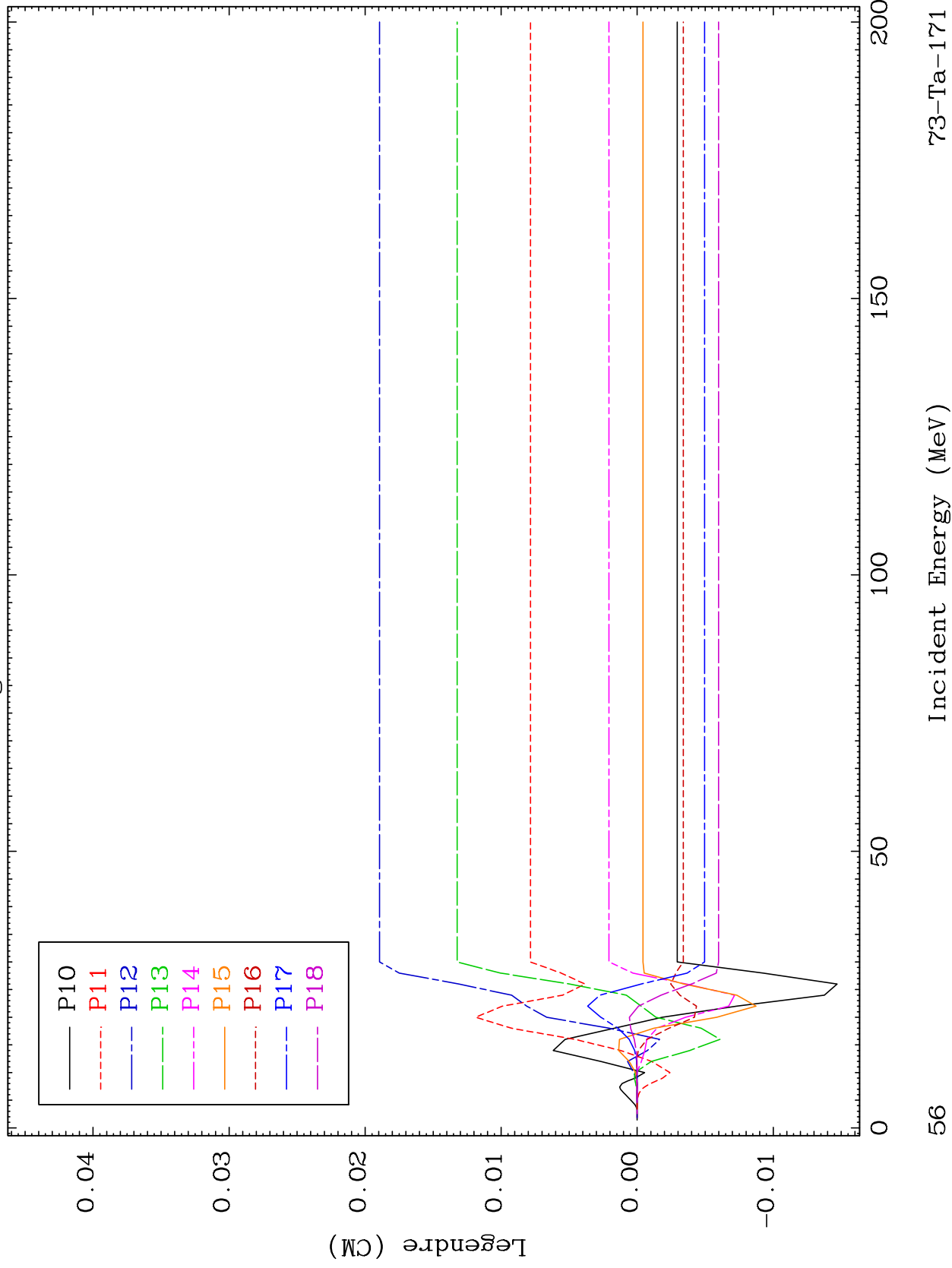
73-Ta-171



MAT 7298

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

73-Ta-171



73-Ta-171

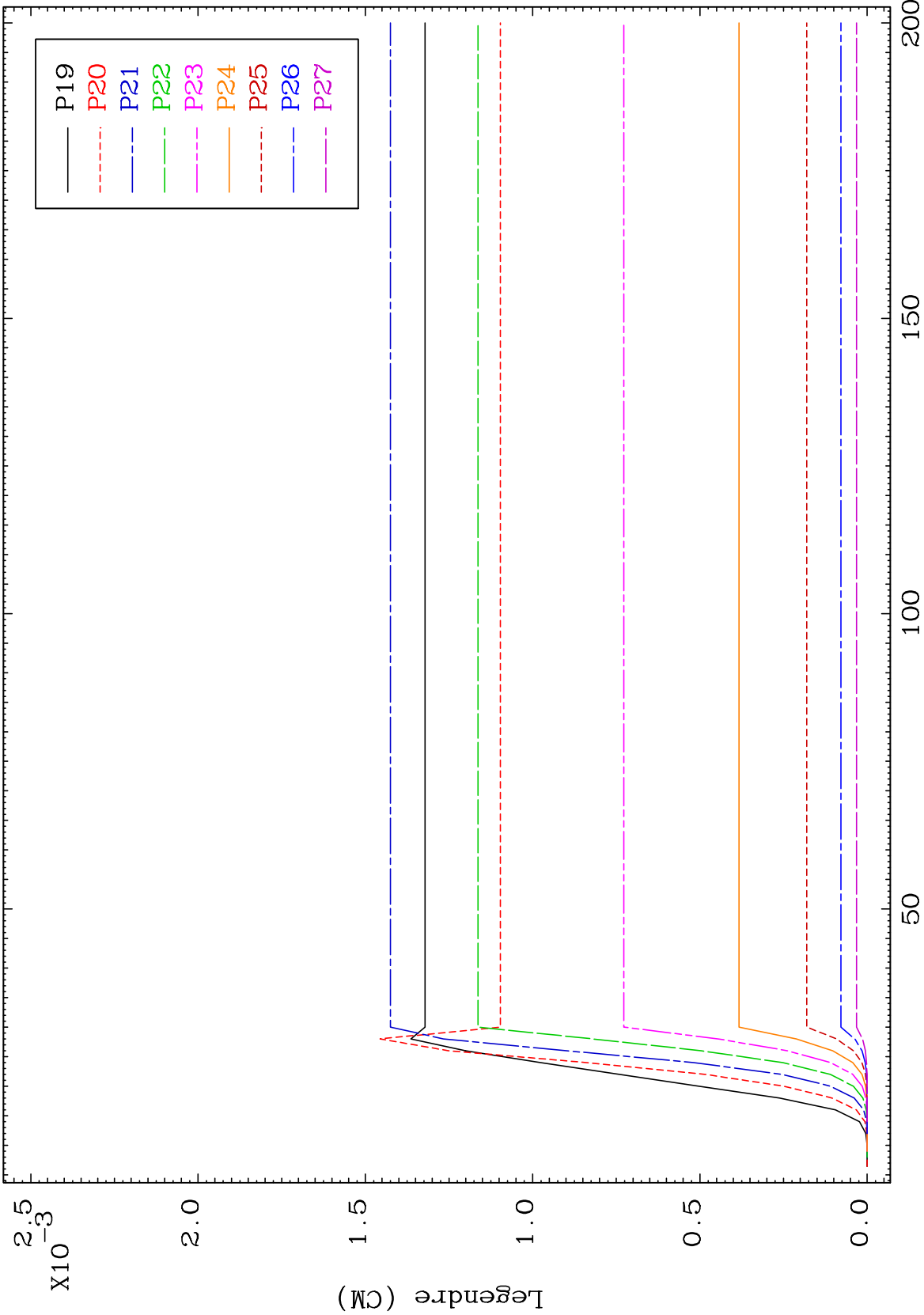
Incident Energy (MeV)

56

MAT 7298

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

73-Ta-171



57

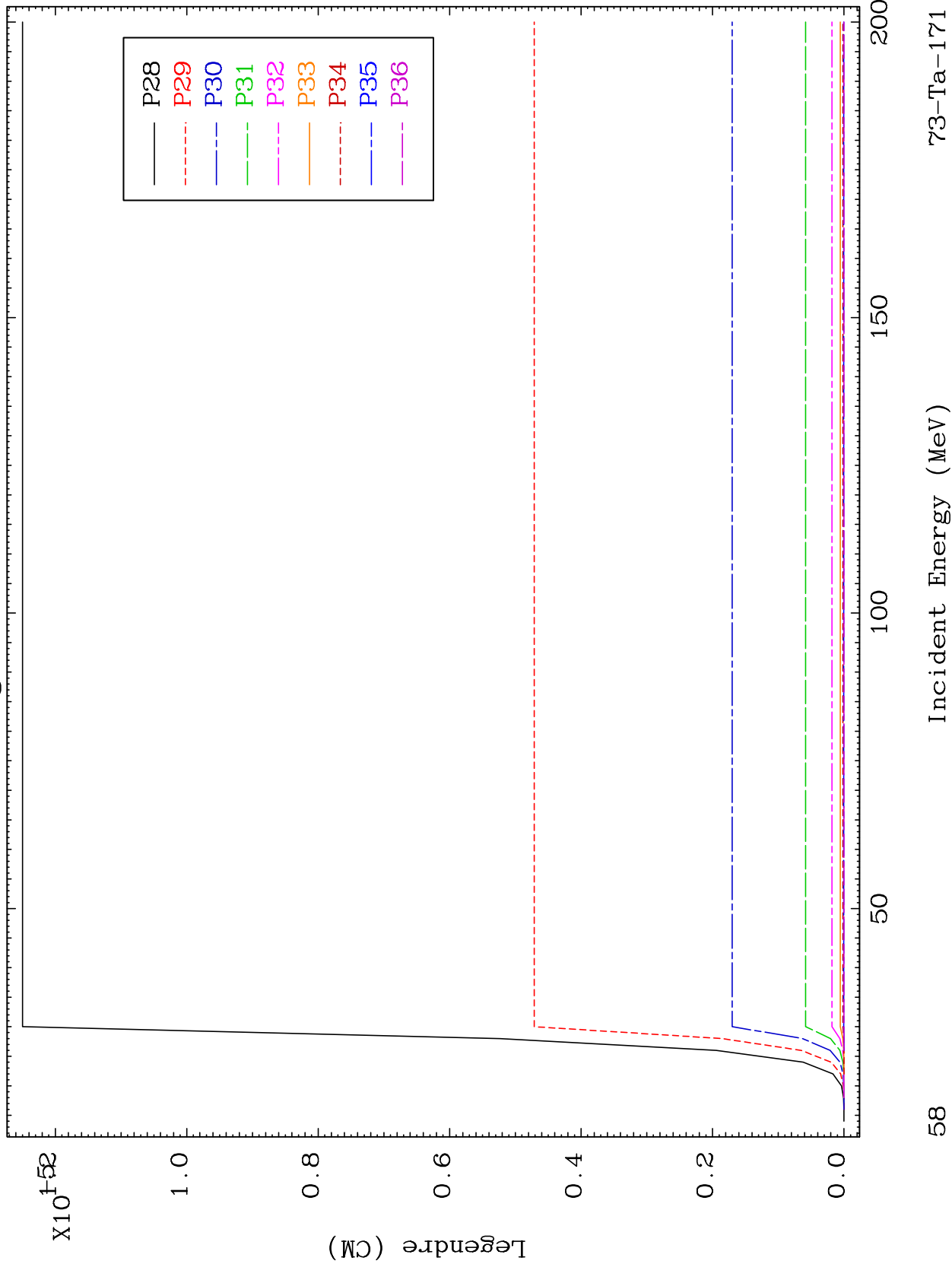
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



58

Incident Energy (MeV)

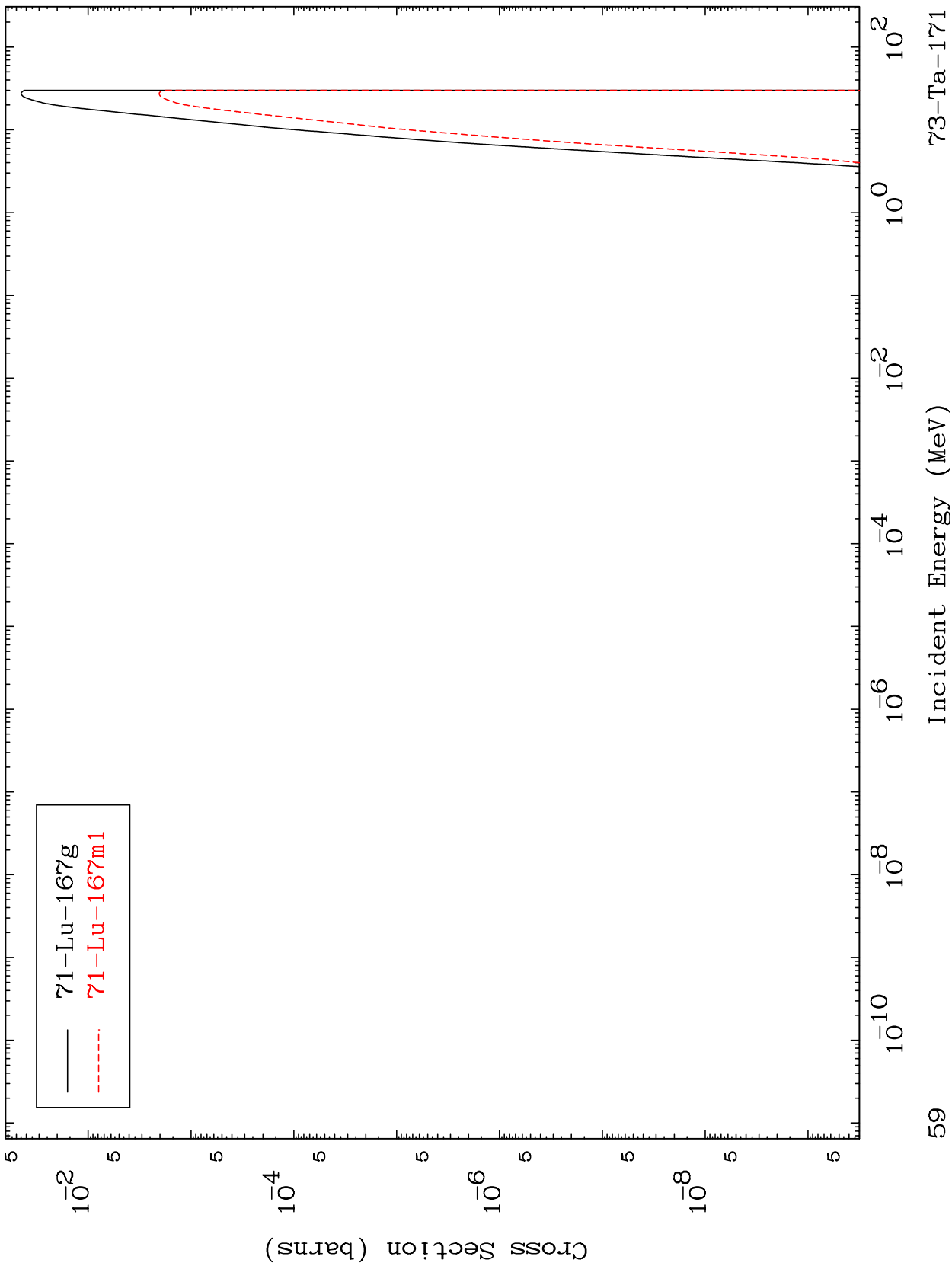
73-Ta-171

MAT 7298

$(n, n') \alpha$

$^{73}\text{Ta-171}$

Radionuclide Production Cross Section



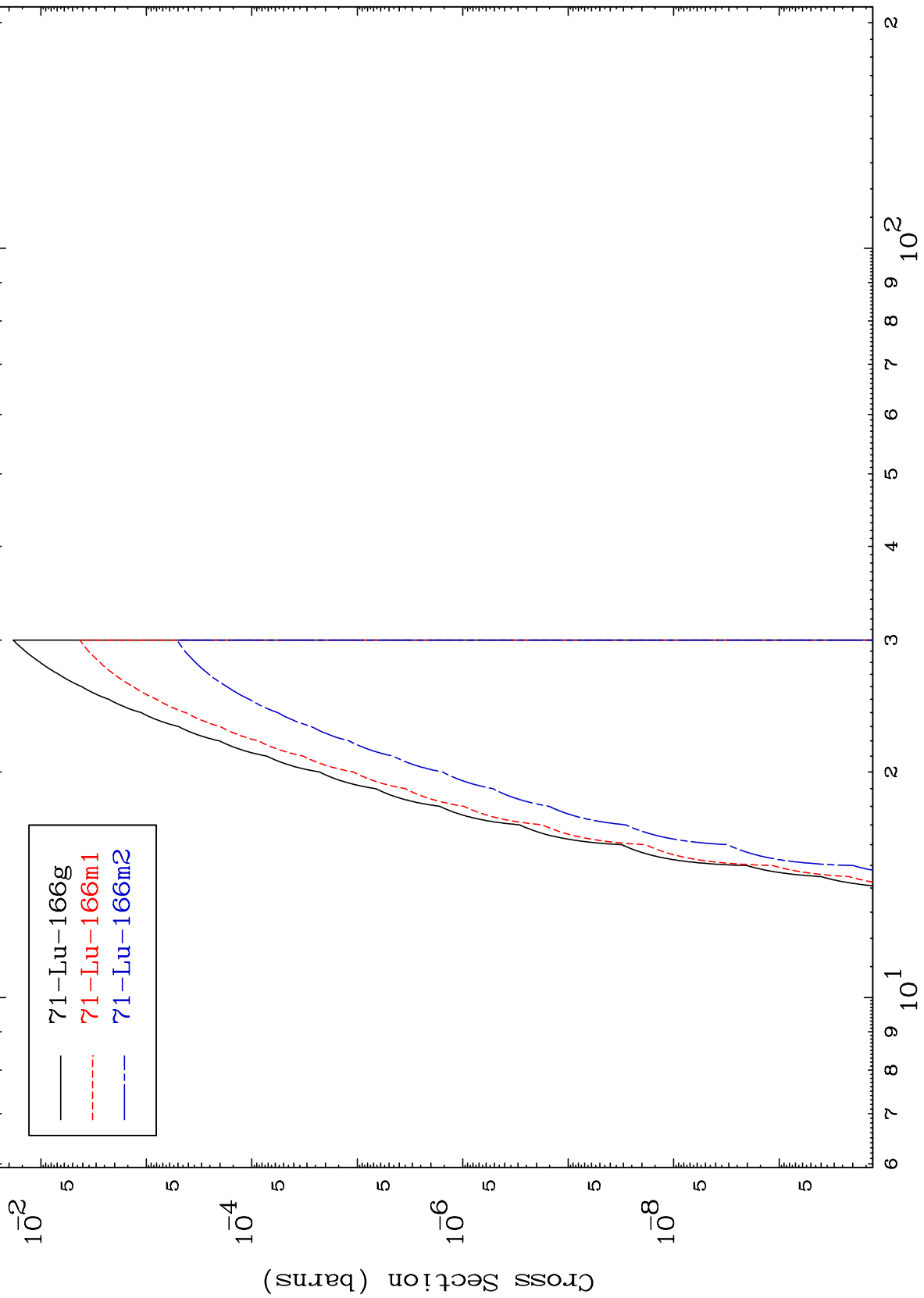
71-Lu-167g
71-Lu-167m1

MAT 7298

$(n,2n) \alpha$

$^{73}\text{Ta-171}$

Radionuclide Production Cross Section



60

Incident Energy (MeV)

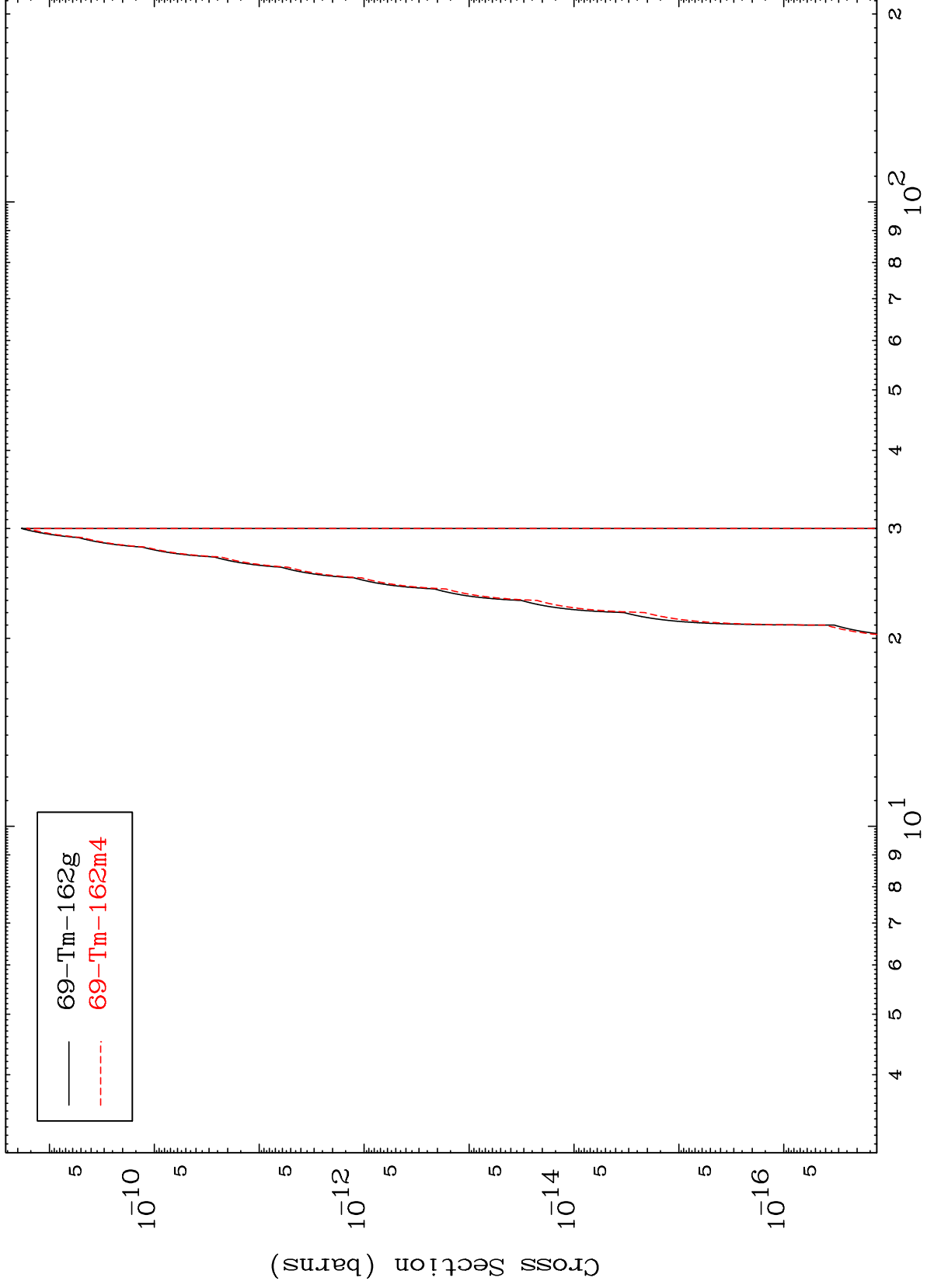
$^{73}\text{Ta-171}$

MAT 7298

^{73}Ta -171

^{73}Ta -171

Radionuclide Production Cross Section



61

Incident Energy (MeV)

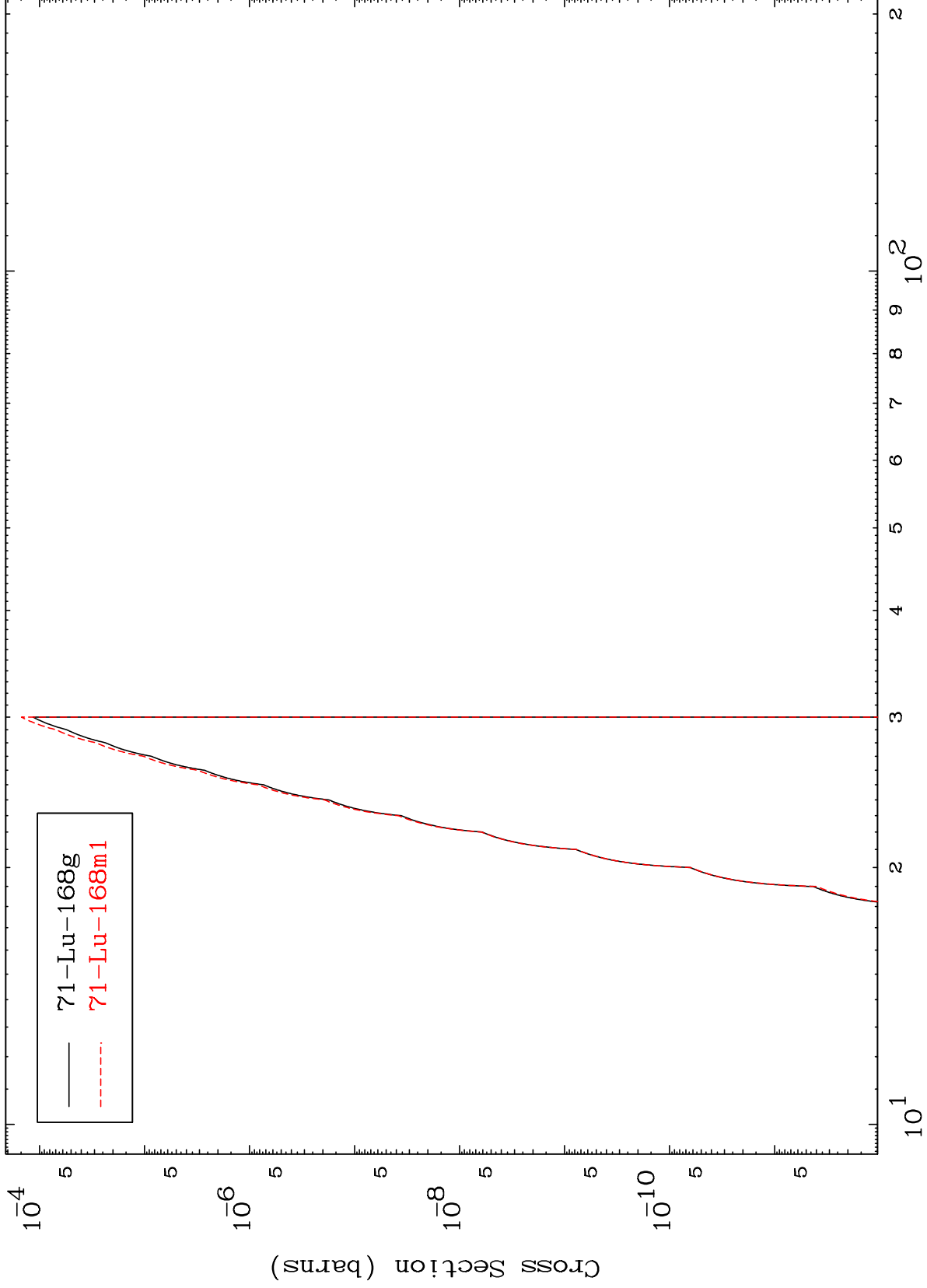
^{73}Ta -171

MAT 7298

(n,n') He-3

73-Ta-171

Radionuclide Production Cross Section



62

Incident Energy (MeV)

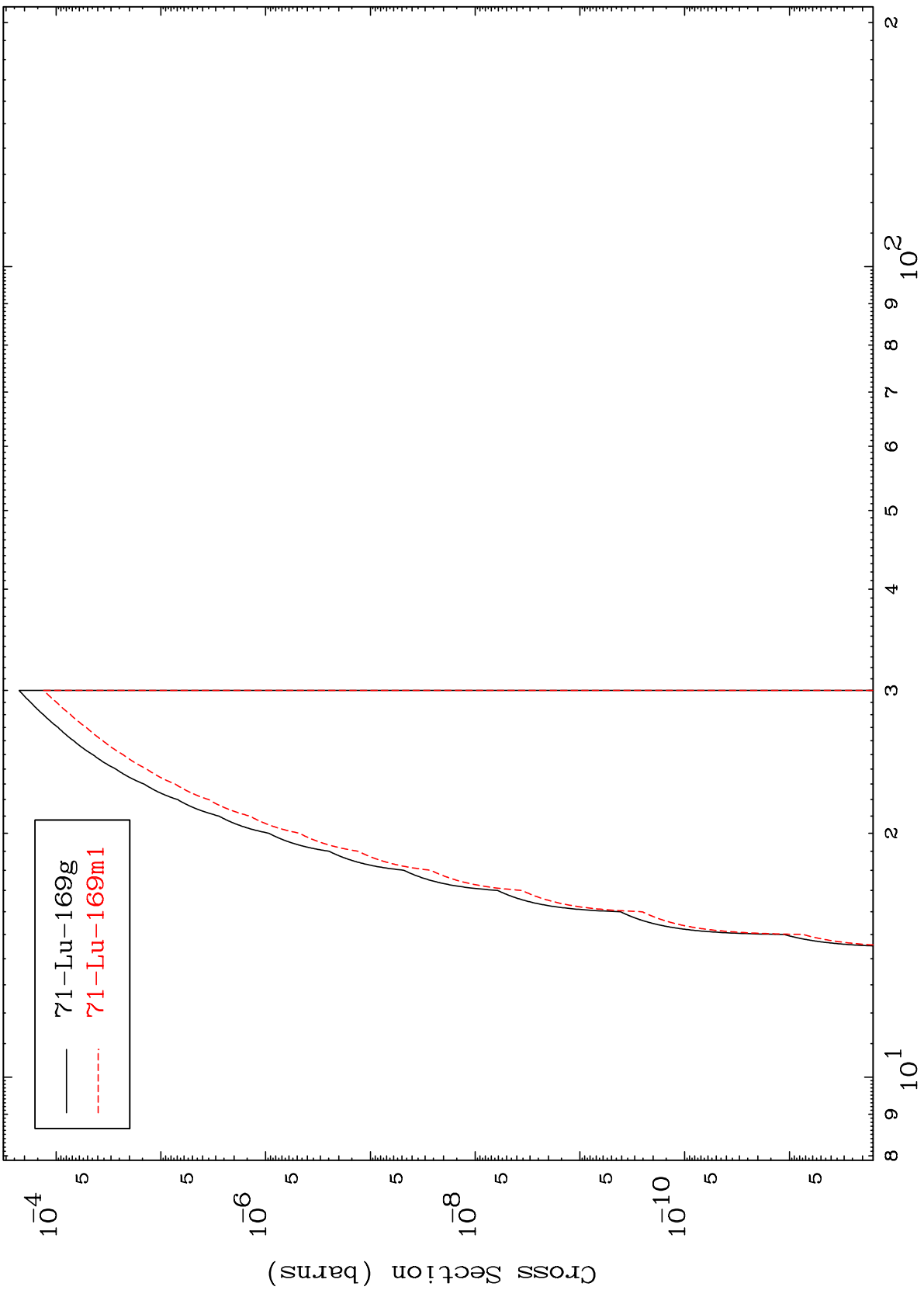
73-Ta-171

MAT 7298

(n,2n) p

73-Ta-171

Radionuclide Production Cross Section



63

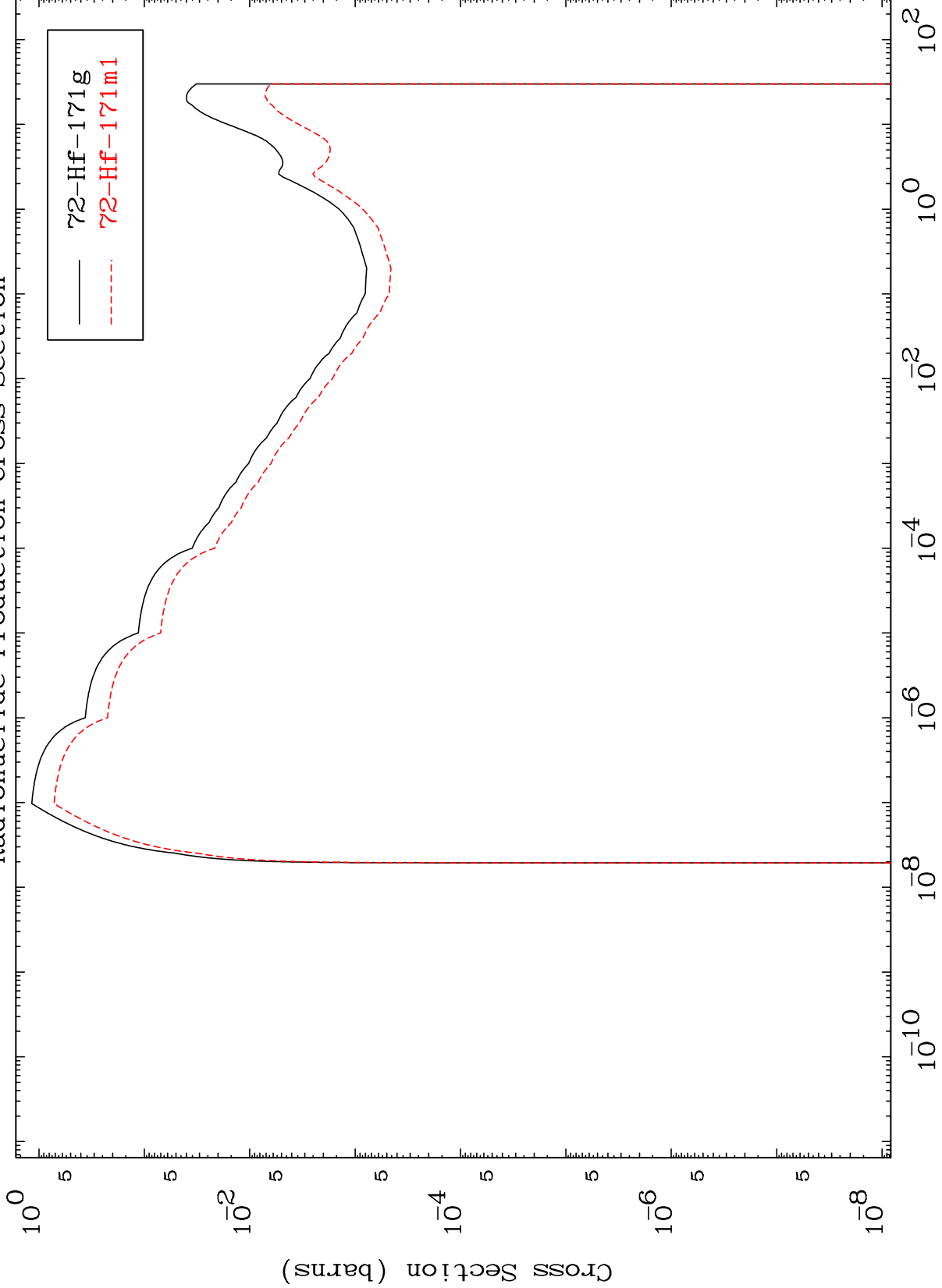
Incident Energy (MeV)

73-Ta-171

MAT 7298

73-Ta-171

(n,p)
Radionuclide Production Cross Section



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

64

73-Ta-171

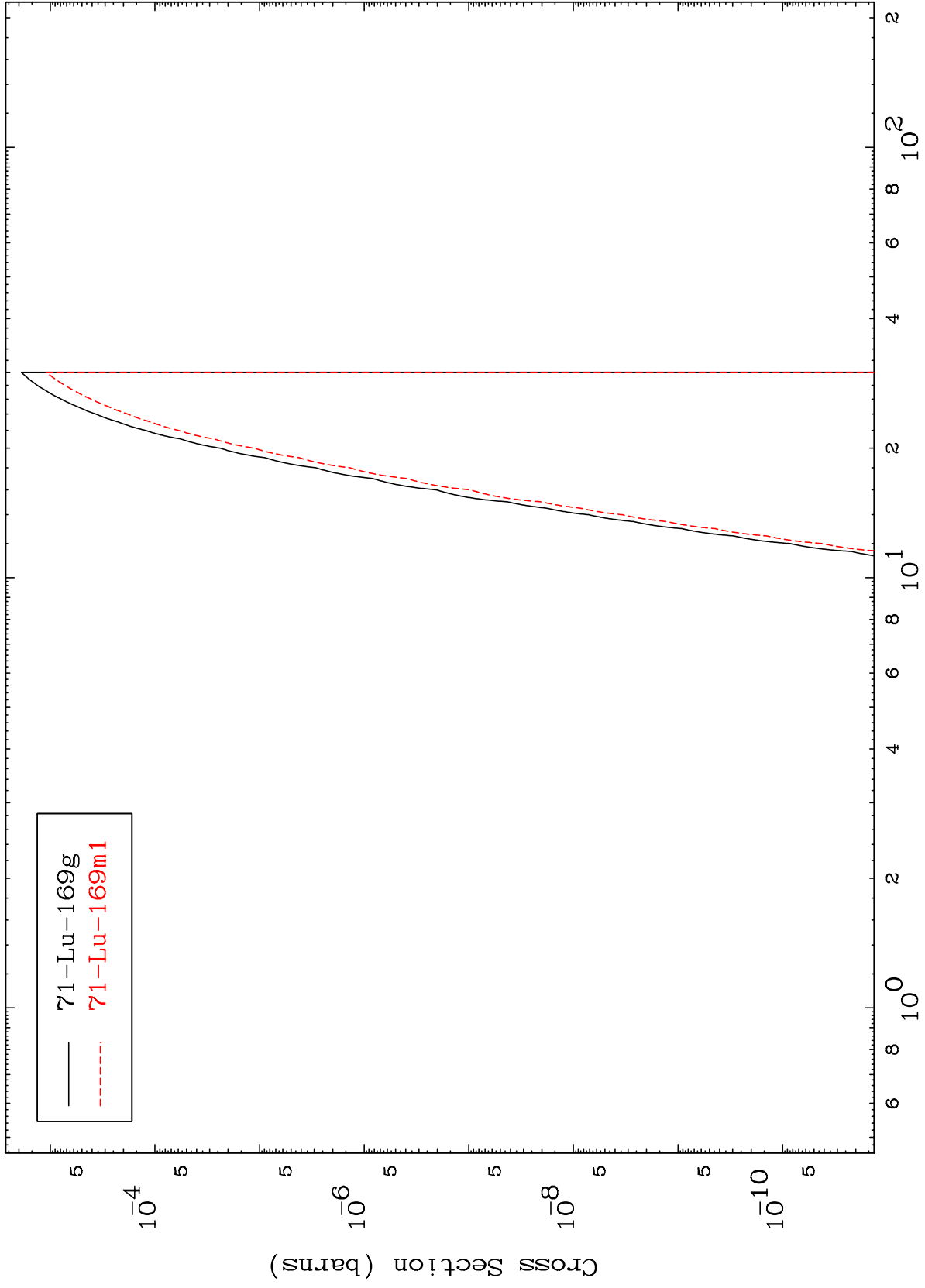
Incident Energy (MeV)

MAT 7298

(n,He-3)

73-Ta-171

Radionuclide Production Cross Section



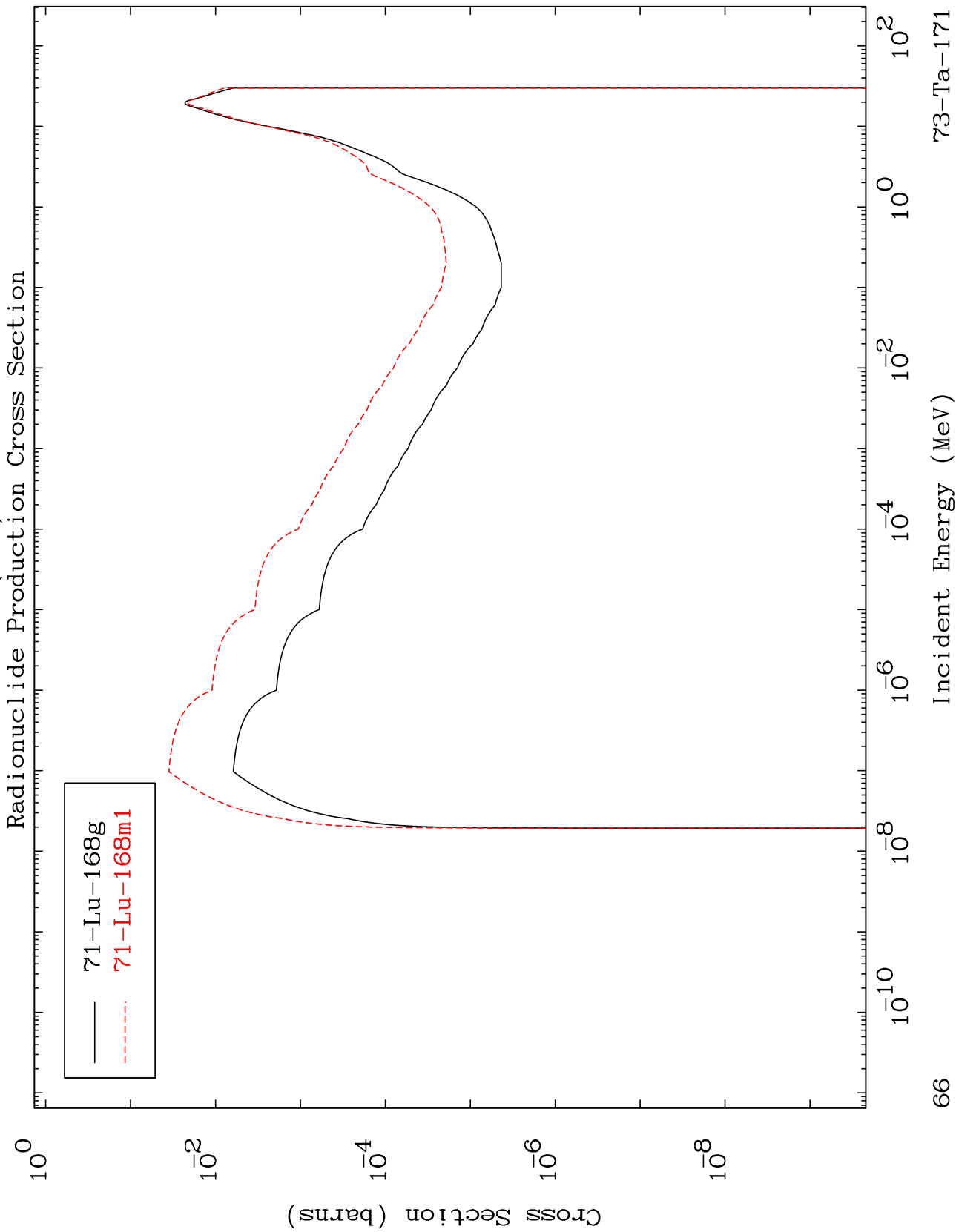
65

Incident Energy (MeV)

73-Ta-171

MAT 7298

73-Ta-171

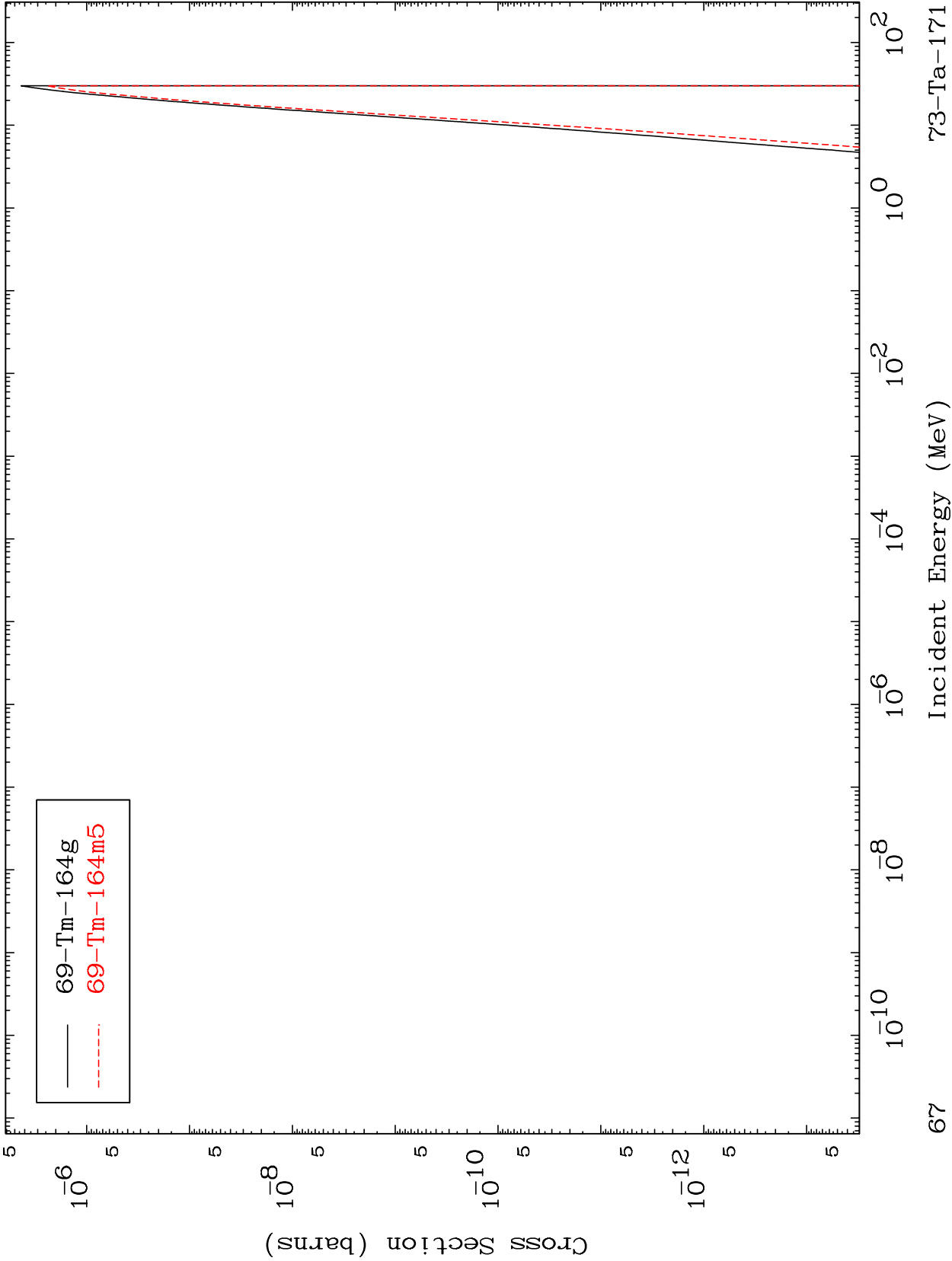


MAT 7298

(n,2α)

⁷³Ta-171

Radionuclide Production Cross Section



— 69-Tm-164g
- - - 69-Tm-164m5

67

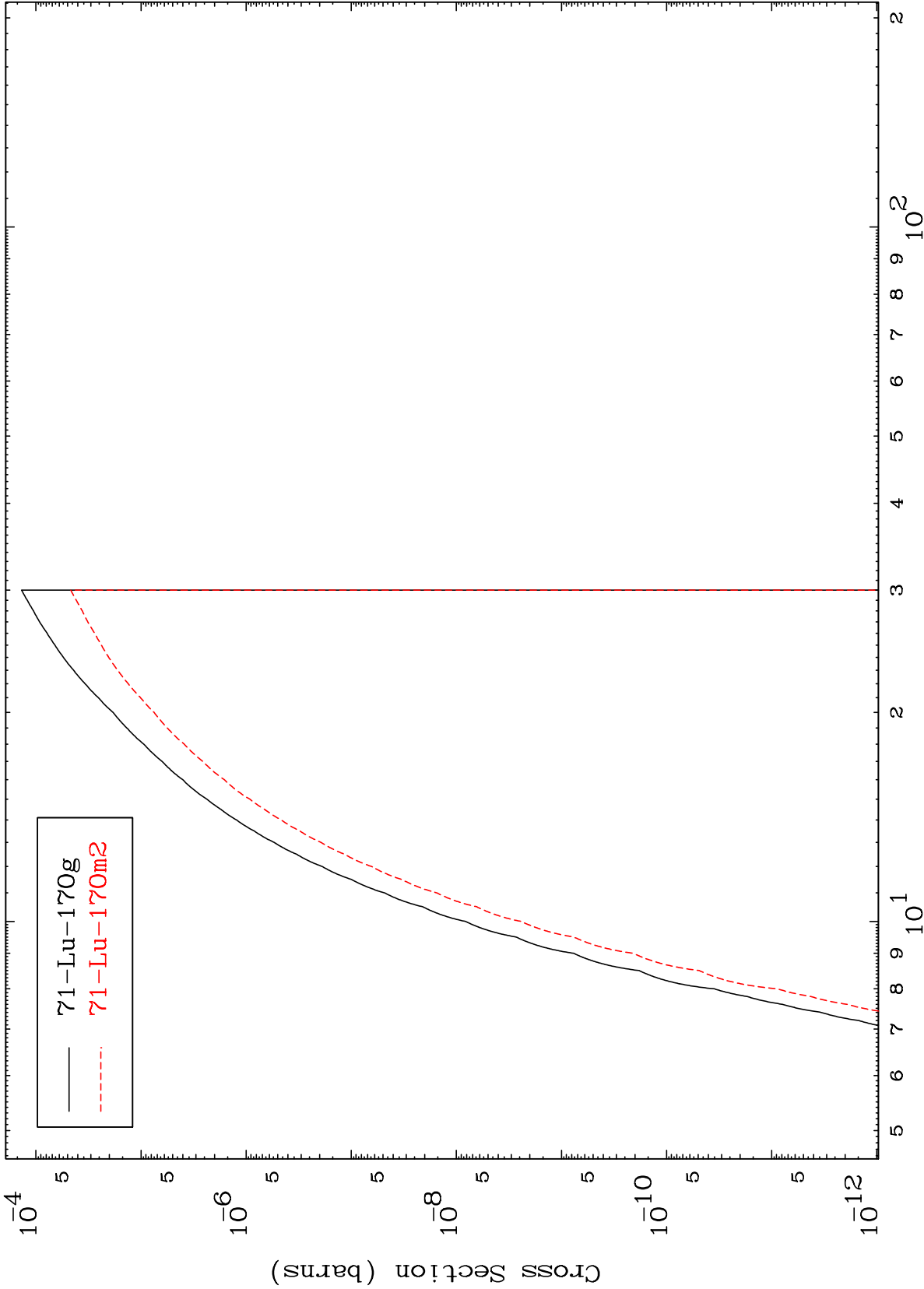
Incident Energy (MeV)

⁷³Ta-171

MAT 7298

⁷³Ta-171

(n,2p)
Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

Incident Energy (MeV)

⁷³Ta-171

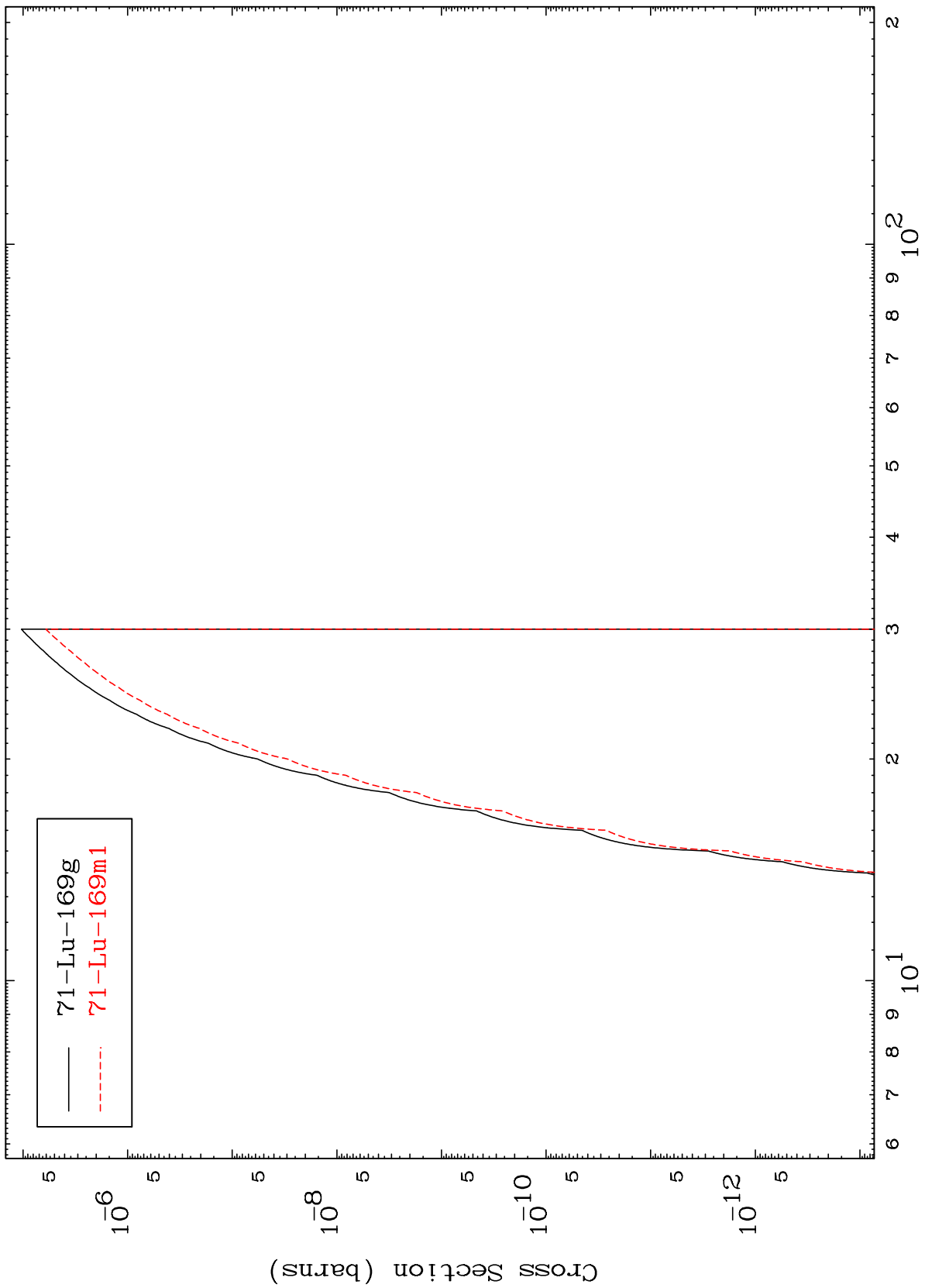
68

MAT 7298

(n,p) d

73-Ta-171

Radionuclide Production Cross Section



69

Incident Energy (MeV)

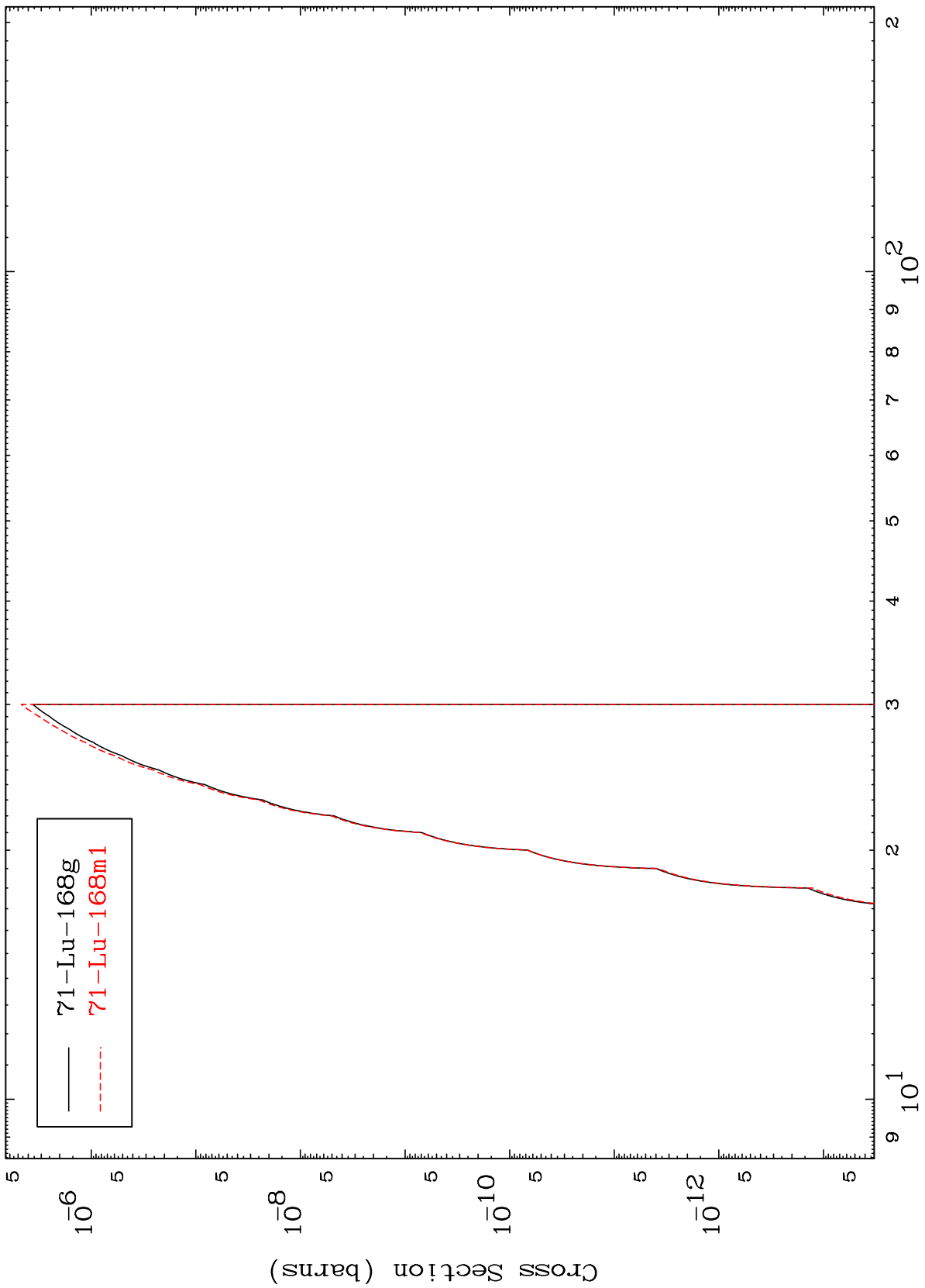
73-Ta-171

MAT 7298

(n,p) t

73-Ta-171

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

70

Incident Energy (MeV)

73-Ta-171