

Program EVALPLOT
(Version 2021-1)

by

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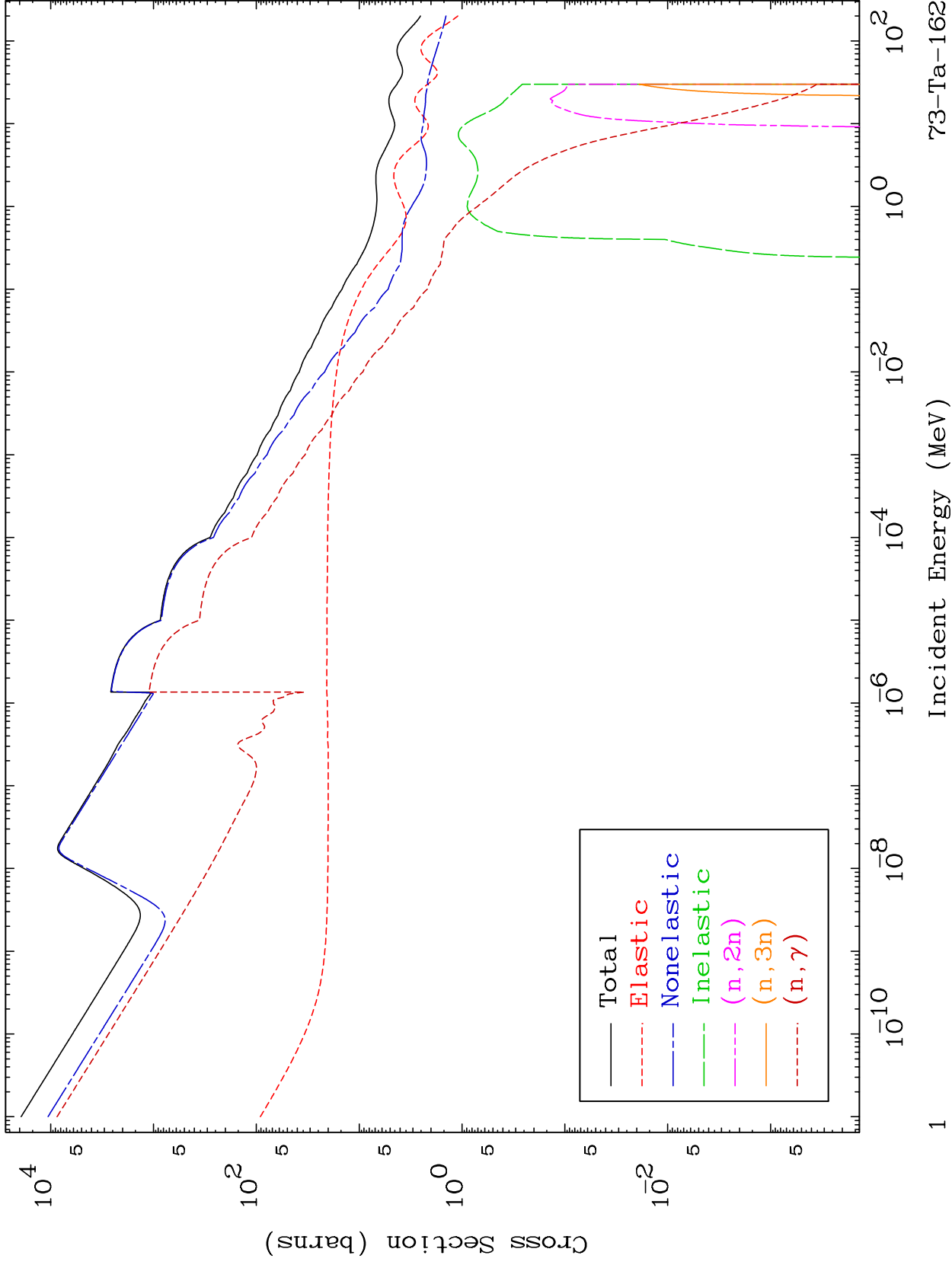
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Press Mouse Button to Start

MAT 7271

Neutron Major
293 Kelvin Cross Sections

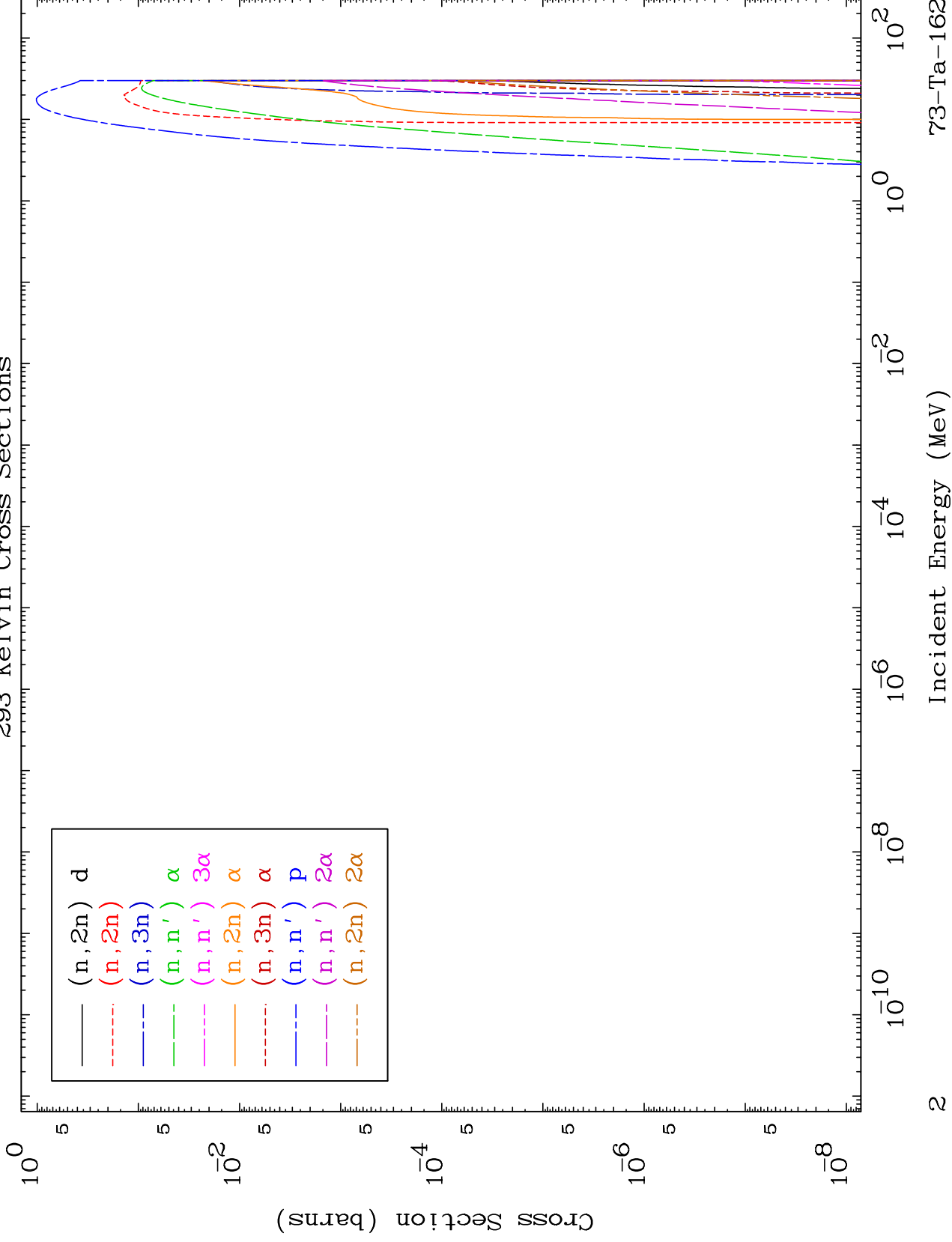
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

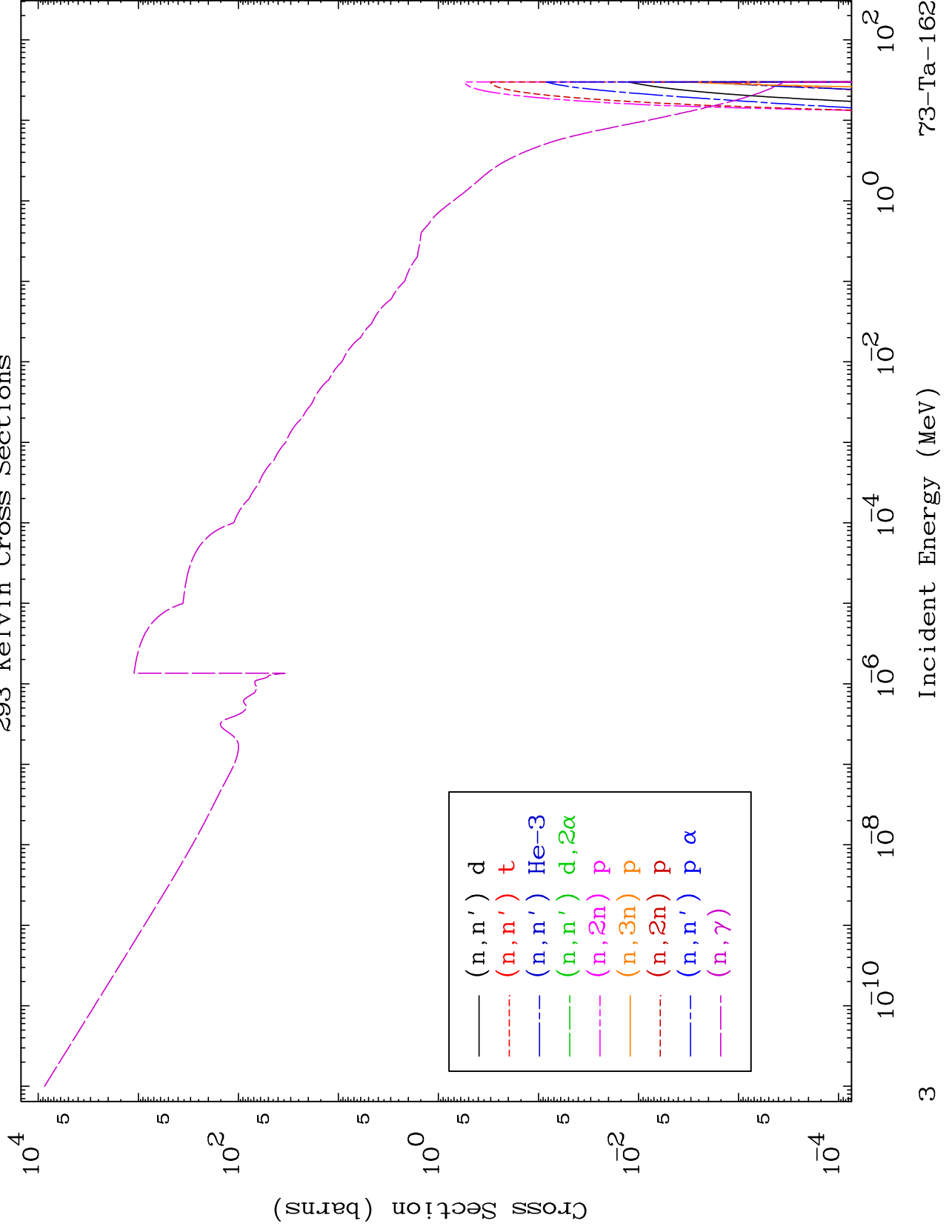
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

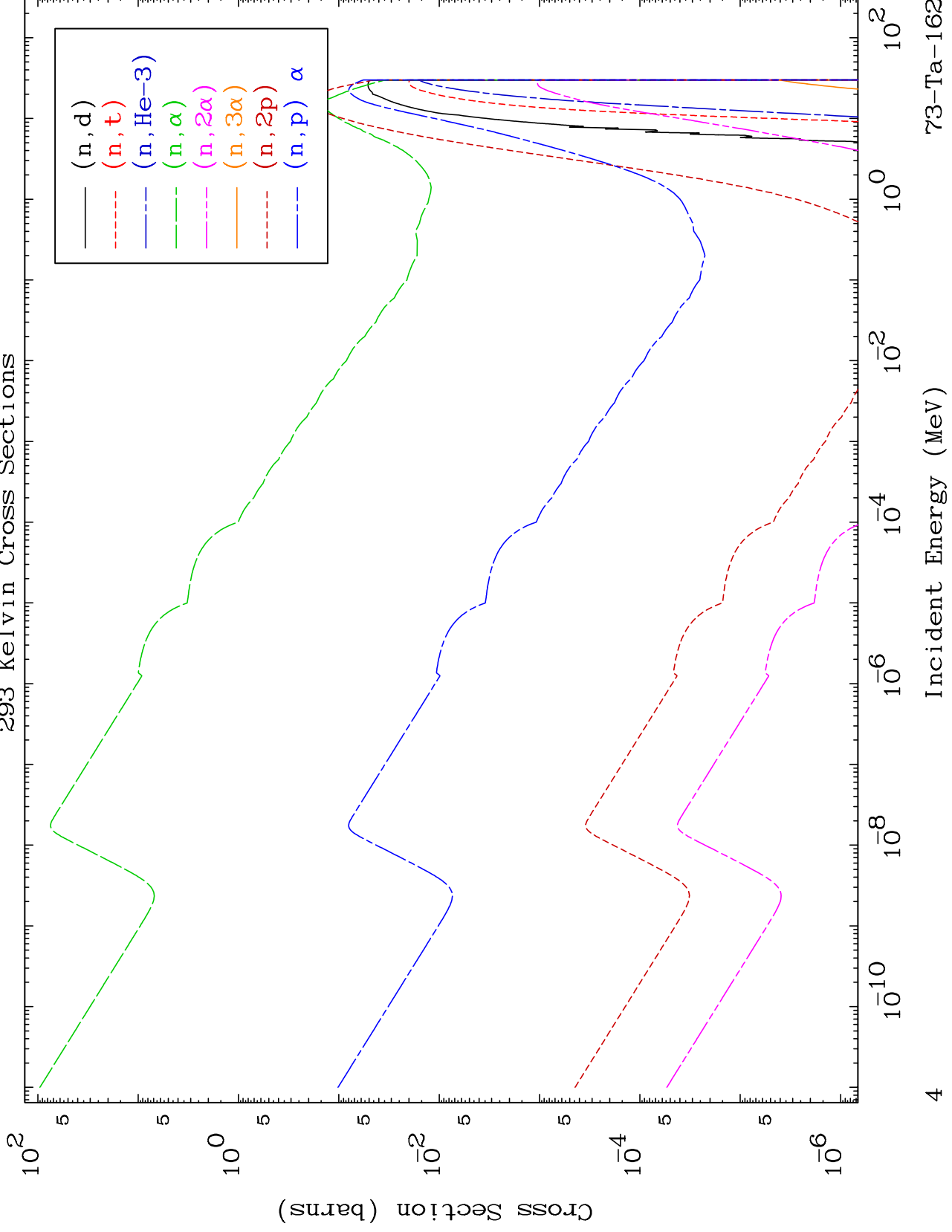
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

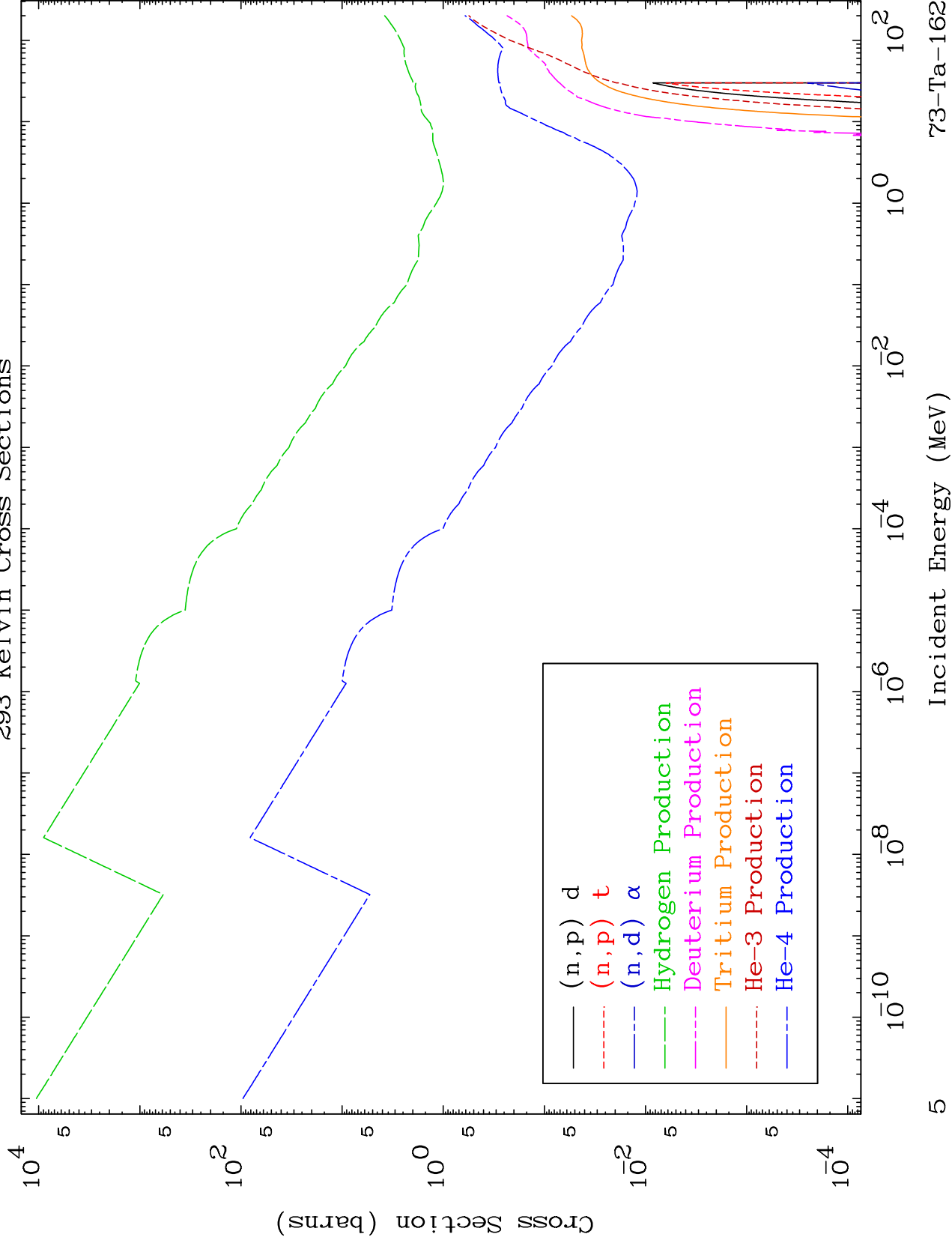
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

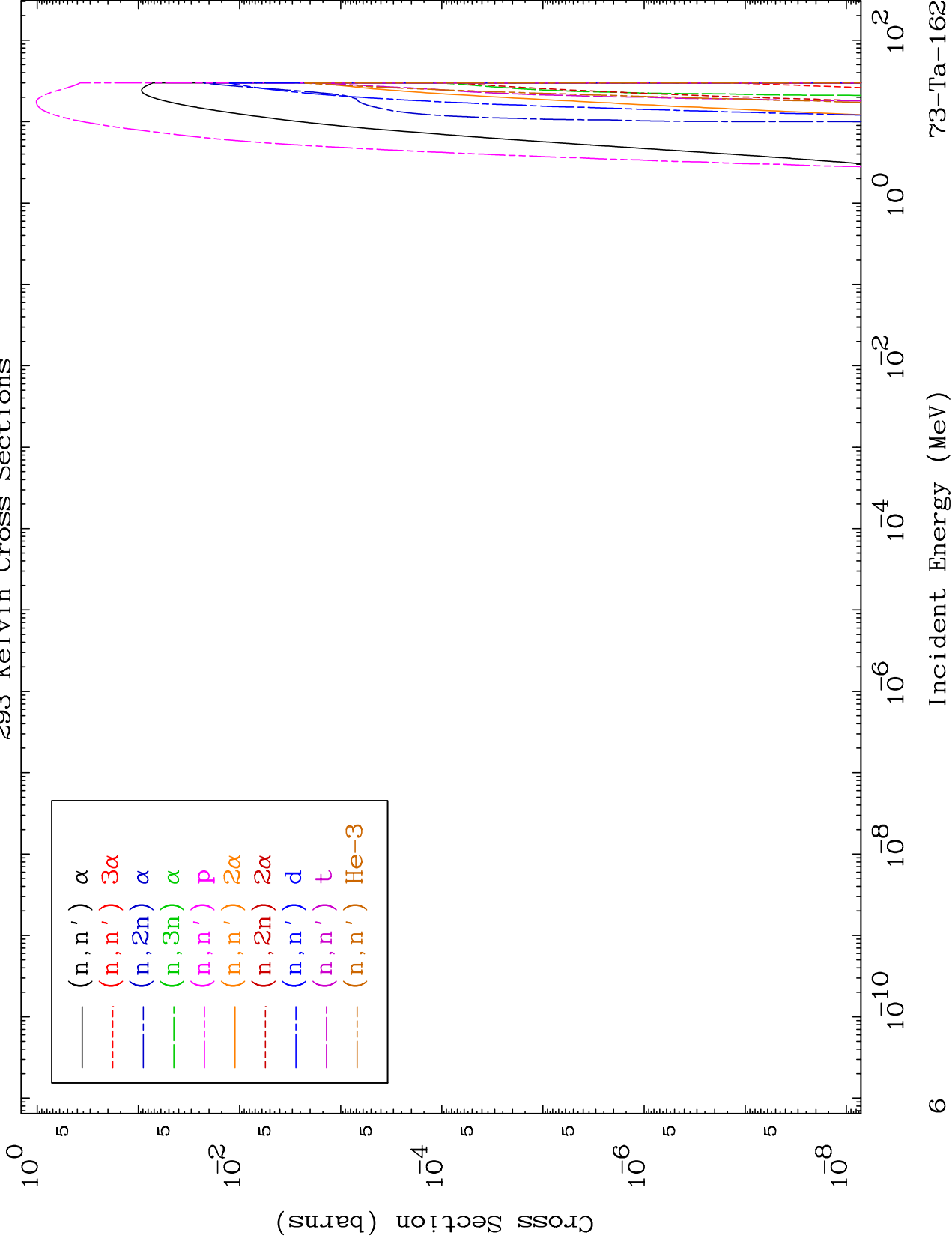
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

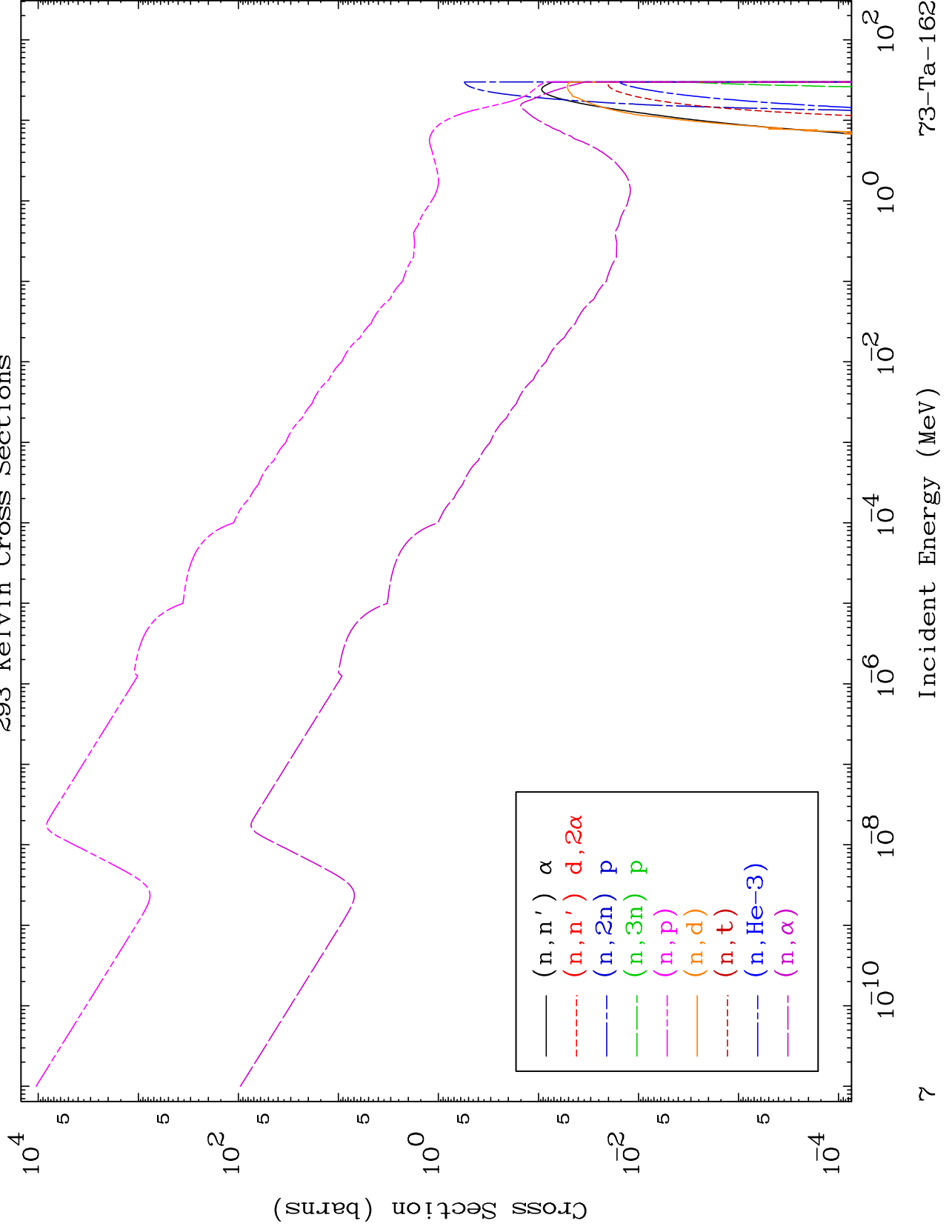
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

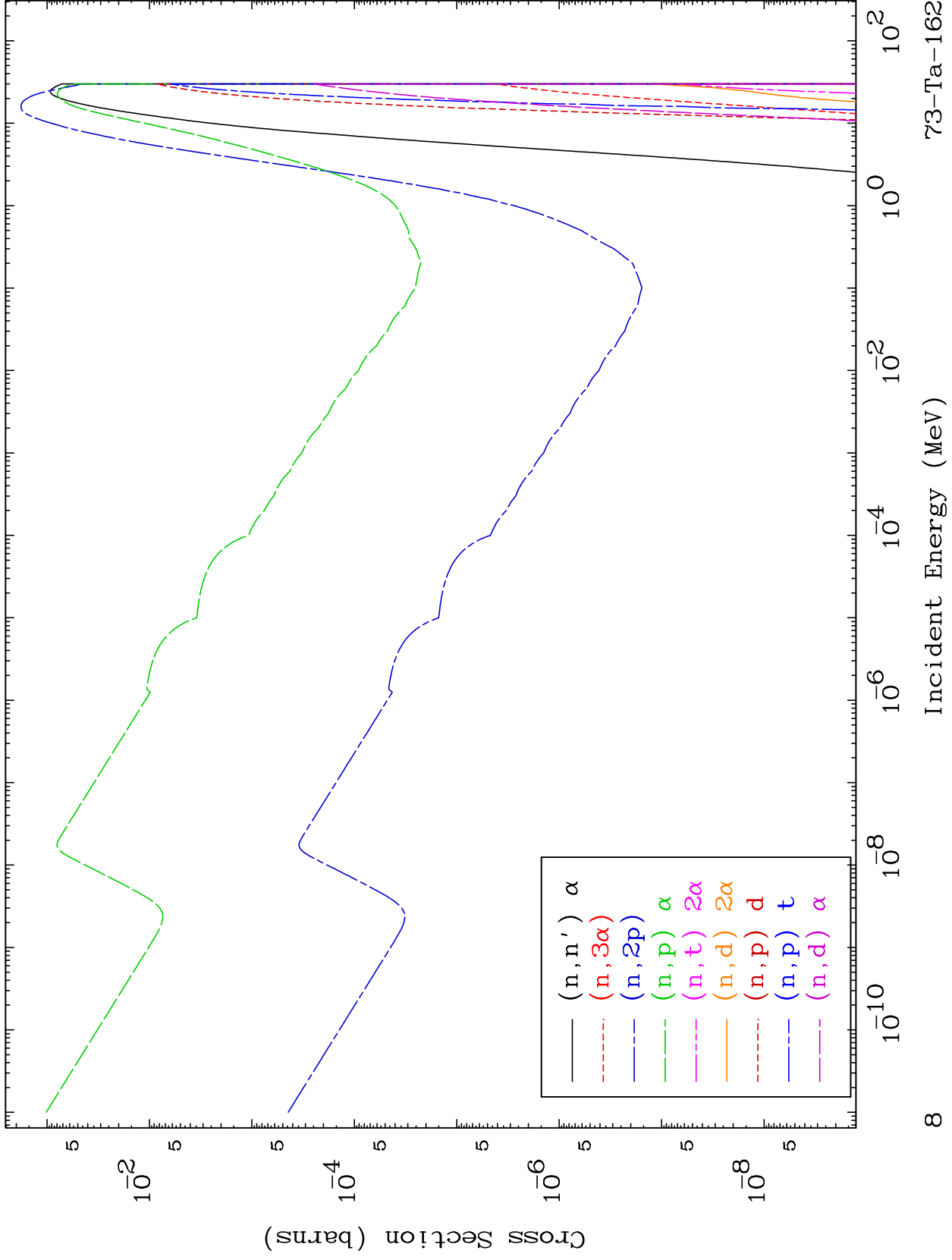
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

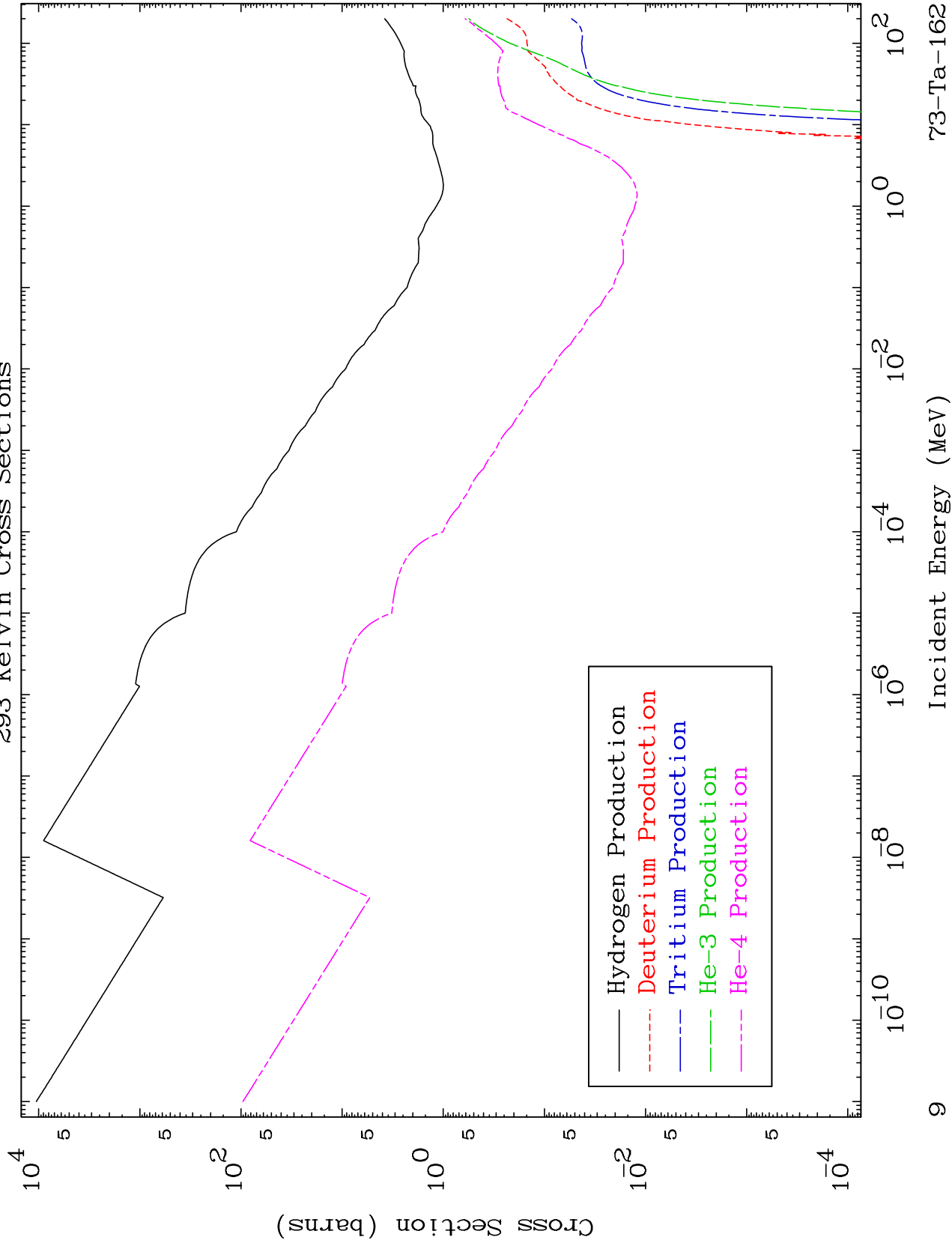
73-Ta-162



MAT 7271

Particle Production
293 Kelvin Cross Sections

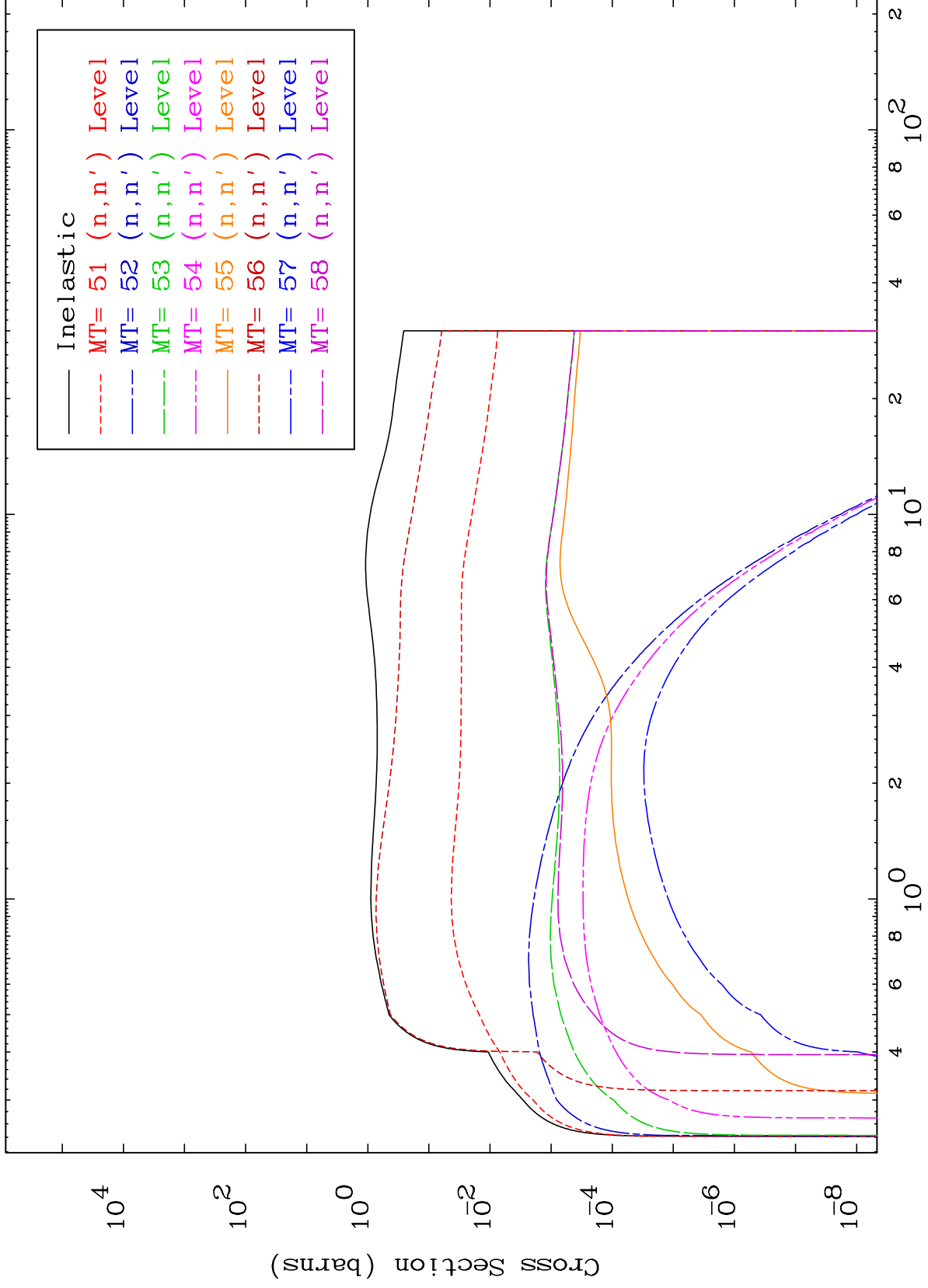
73-Ta-162



MAT 7271

(n,n') Levels
293 Kelvin Cross Sections

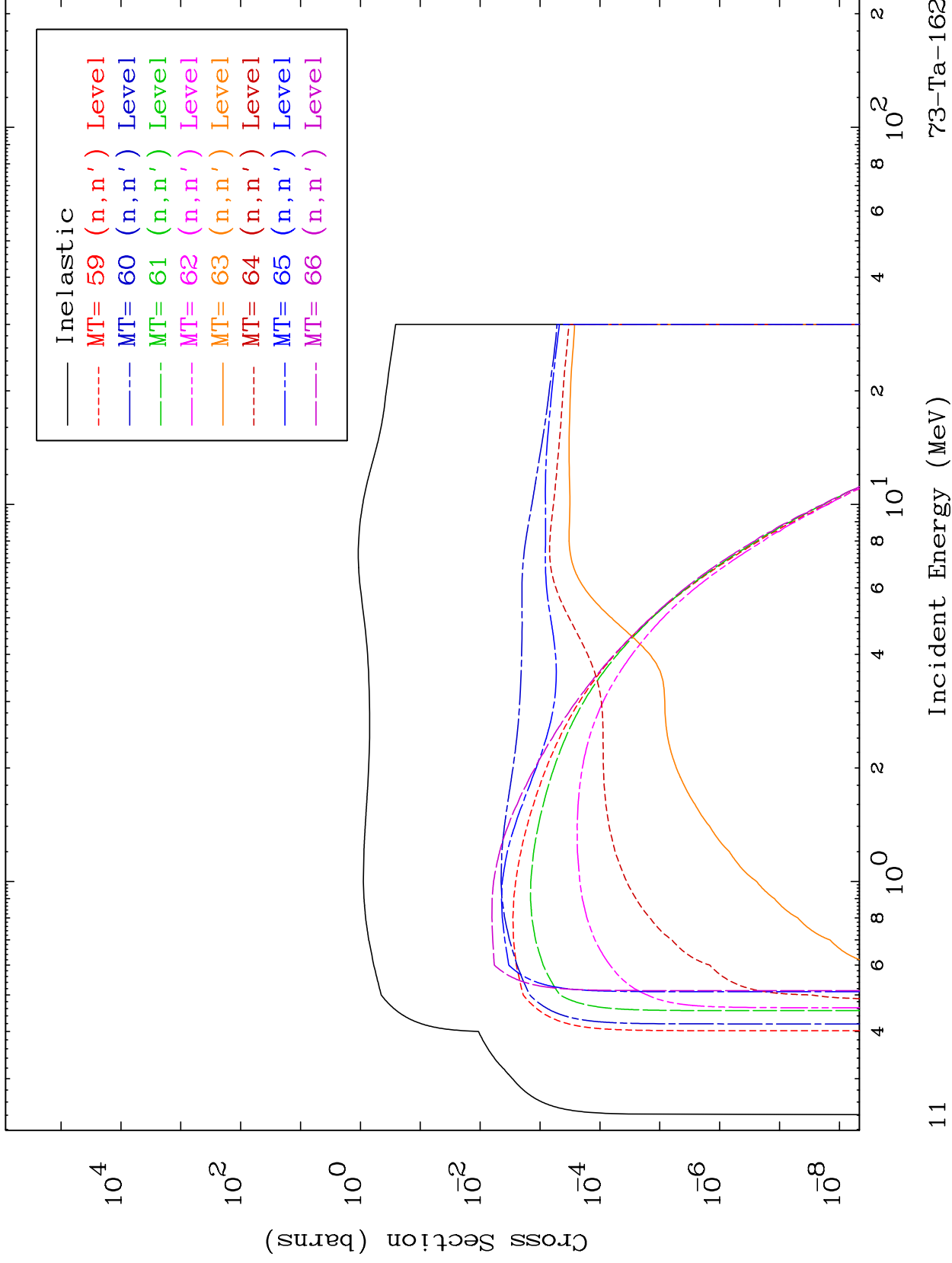
73-Ta-162

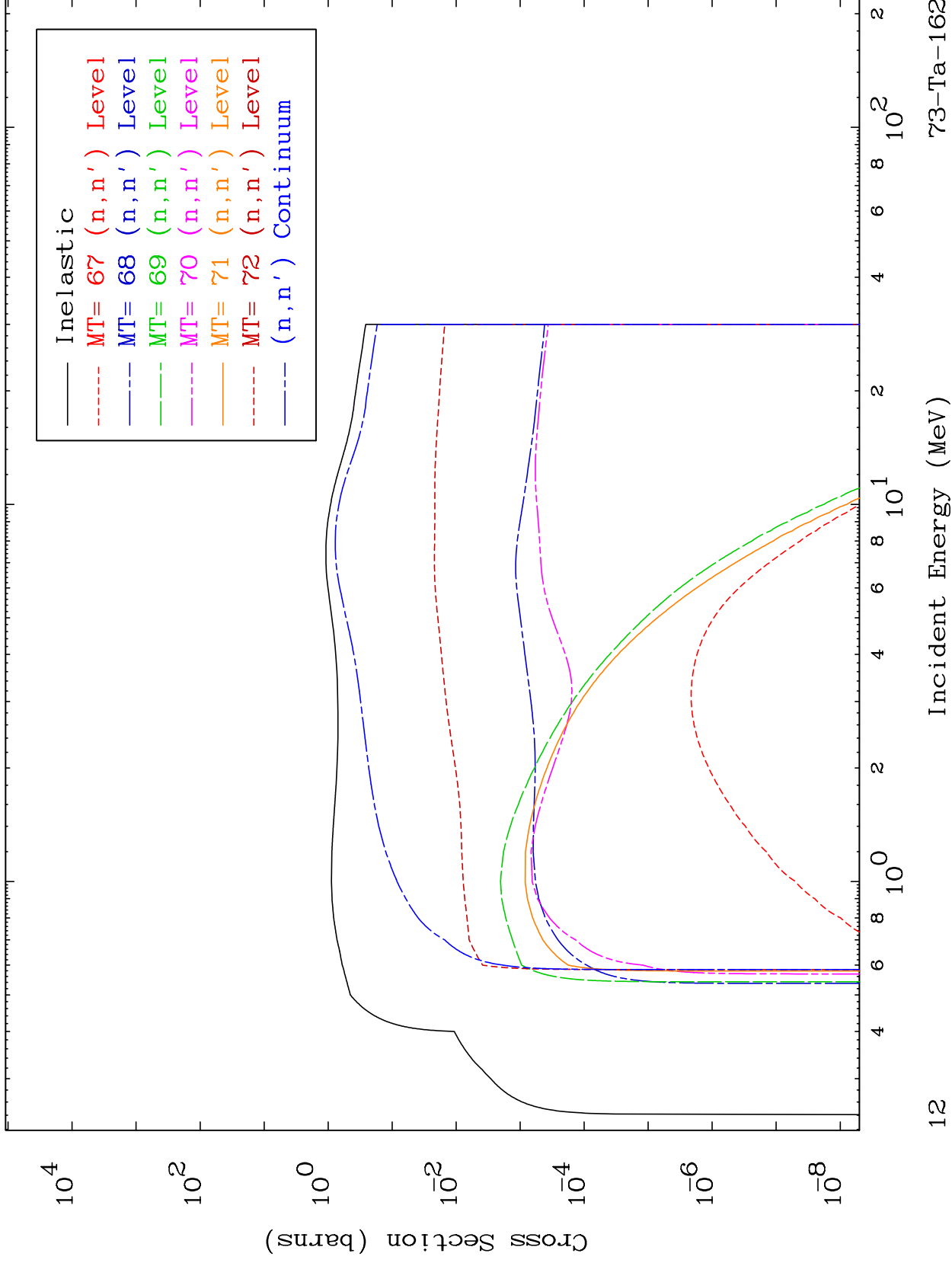


10

Incident Energy (MeV)

73-Ta-162

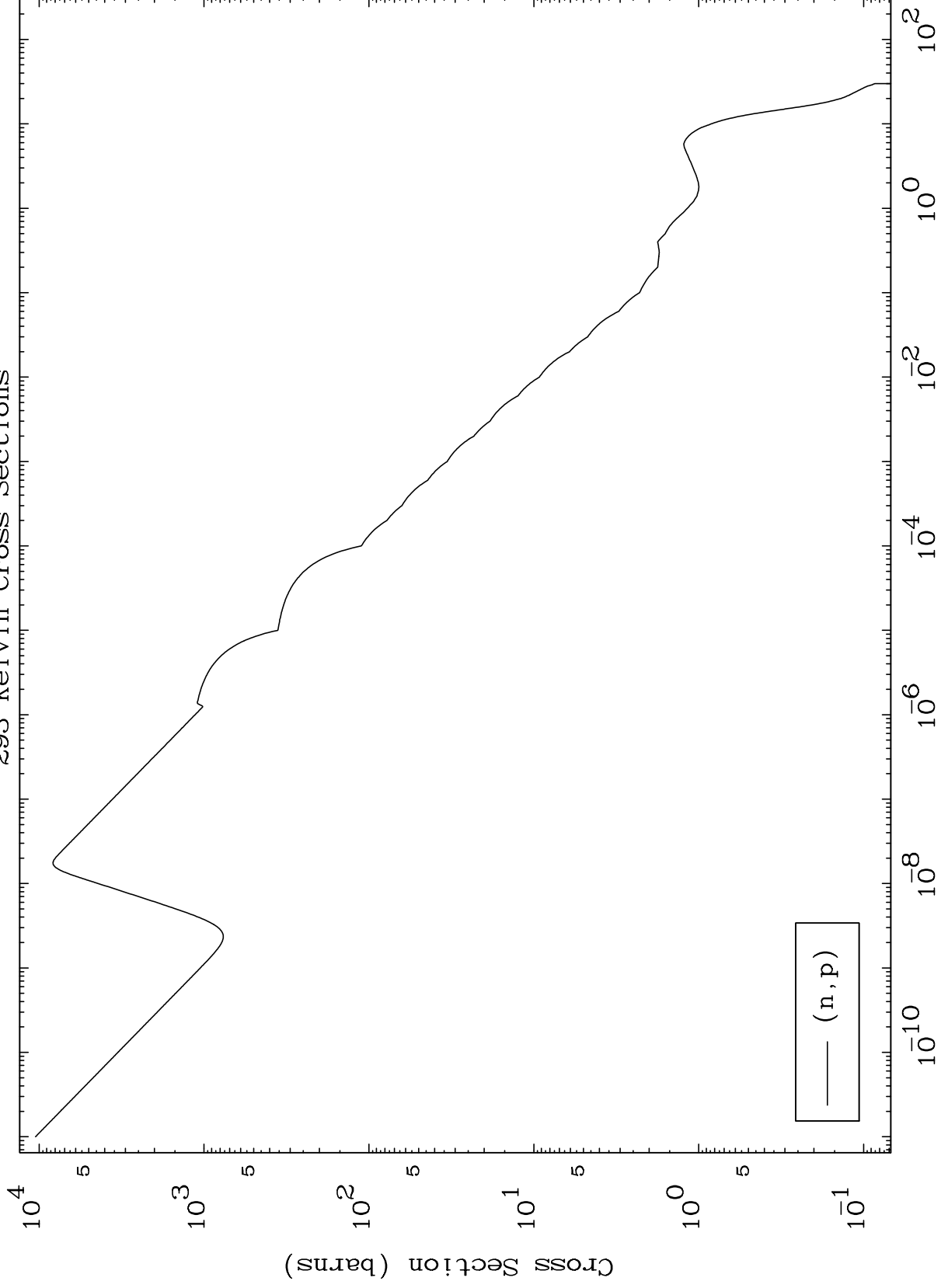




MAT 7271

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-162



13

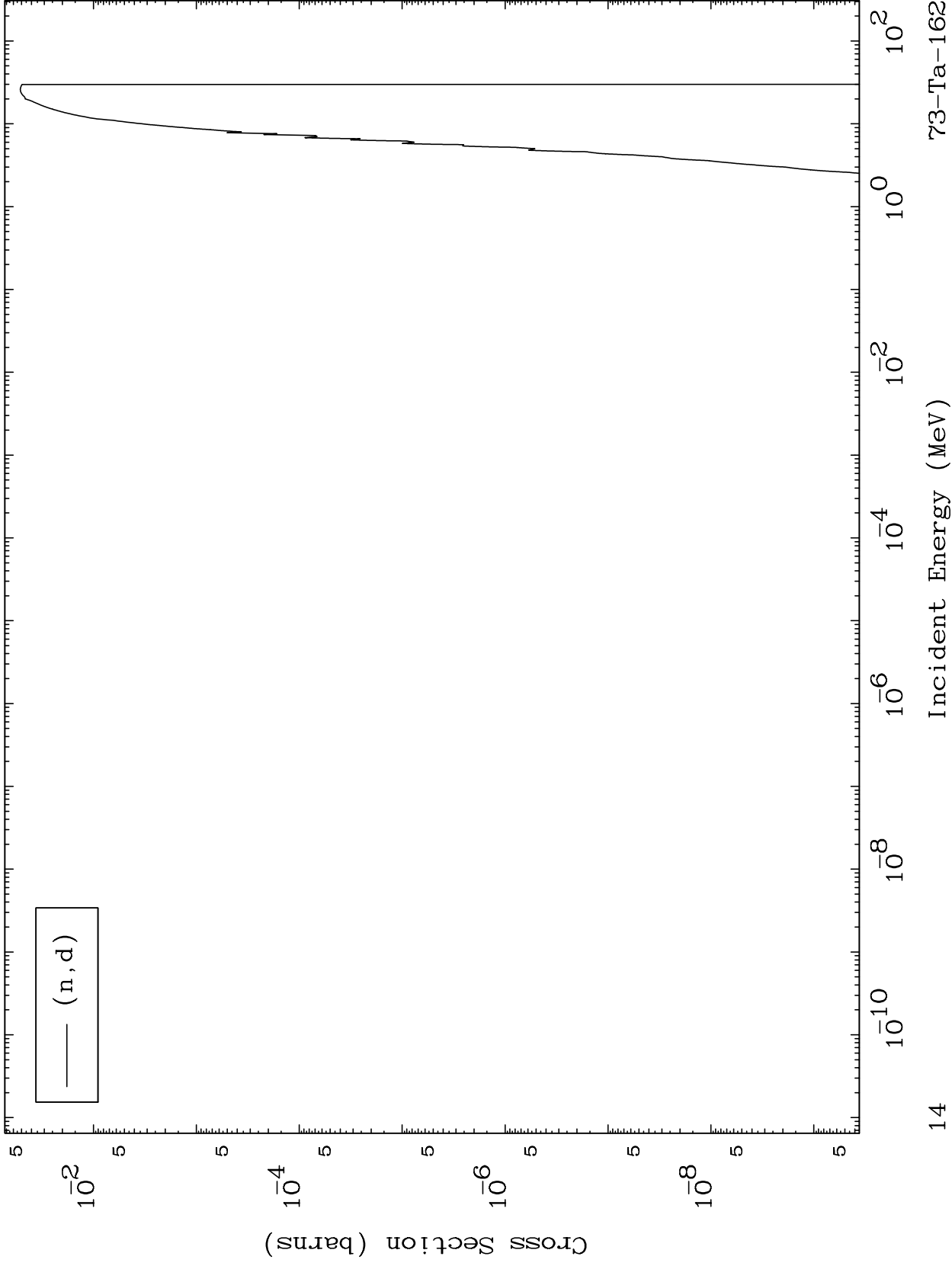
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,d) Levels
293 Kelvin Cross Sections

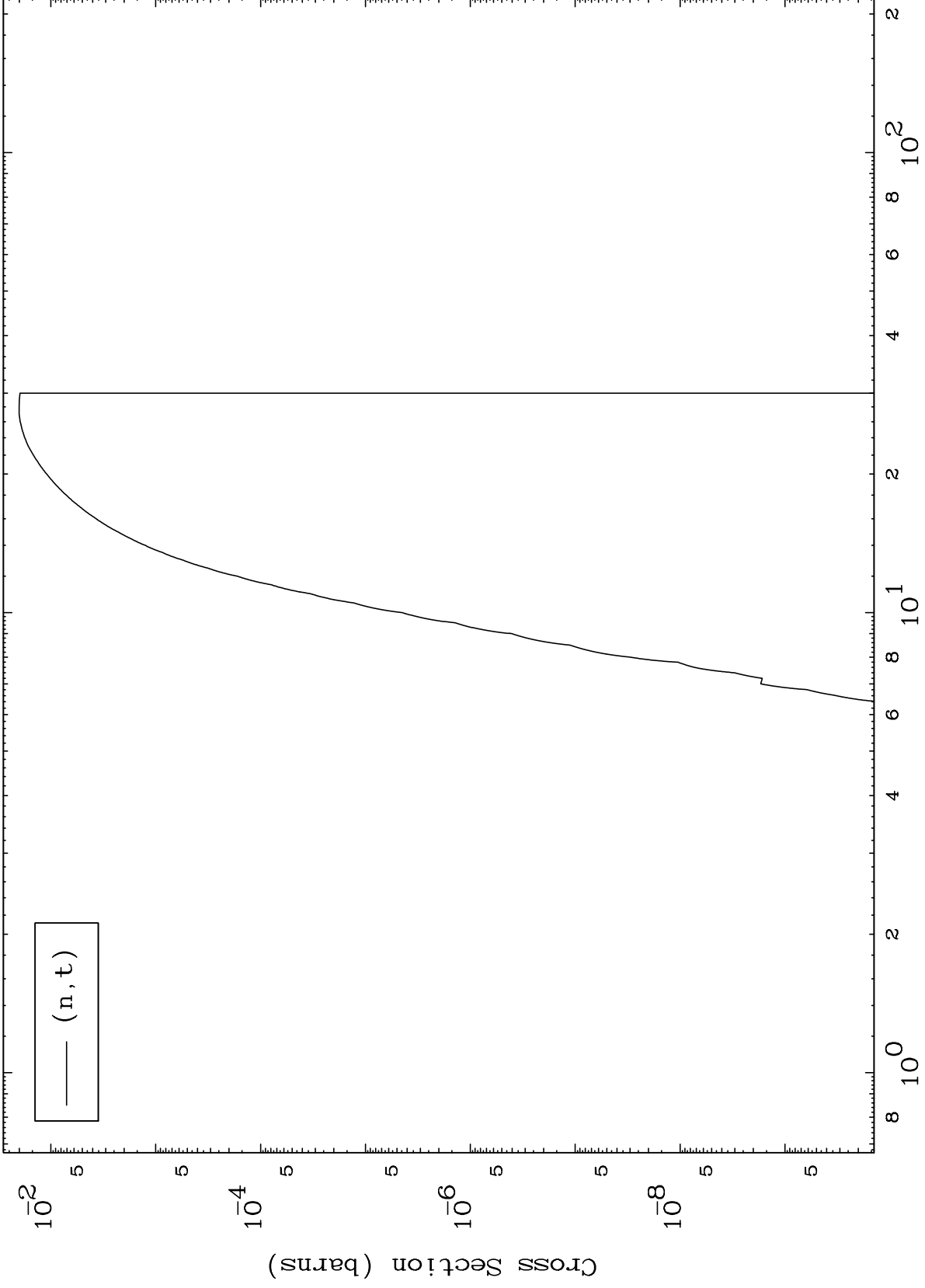
73-Ta-162



MAT 7271

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-162



(n,t)

15

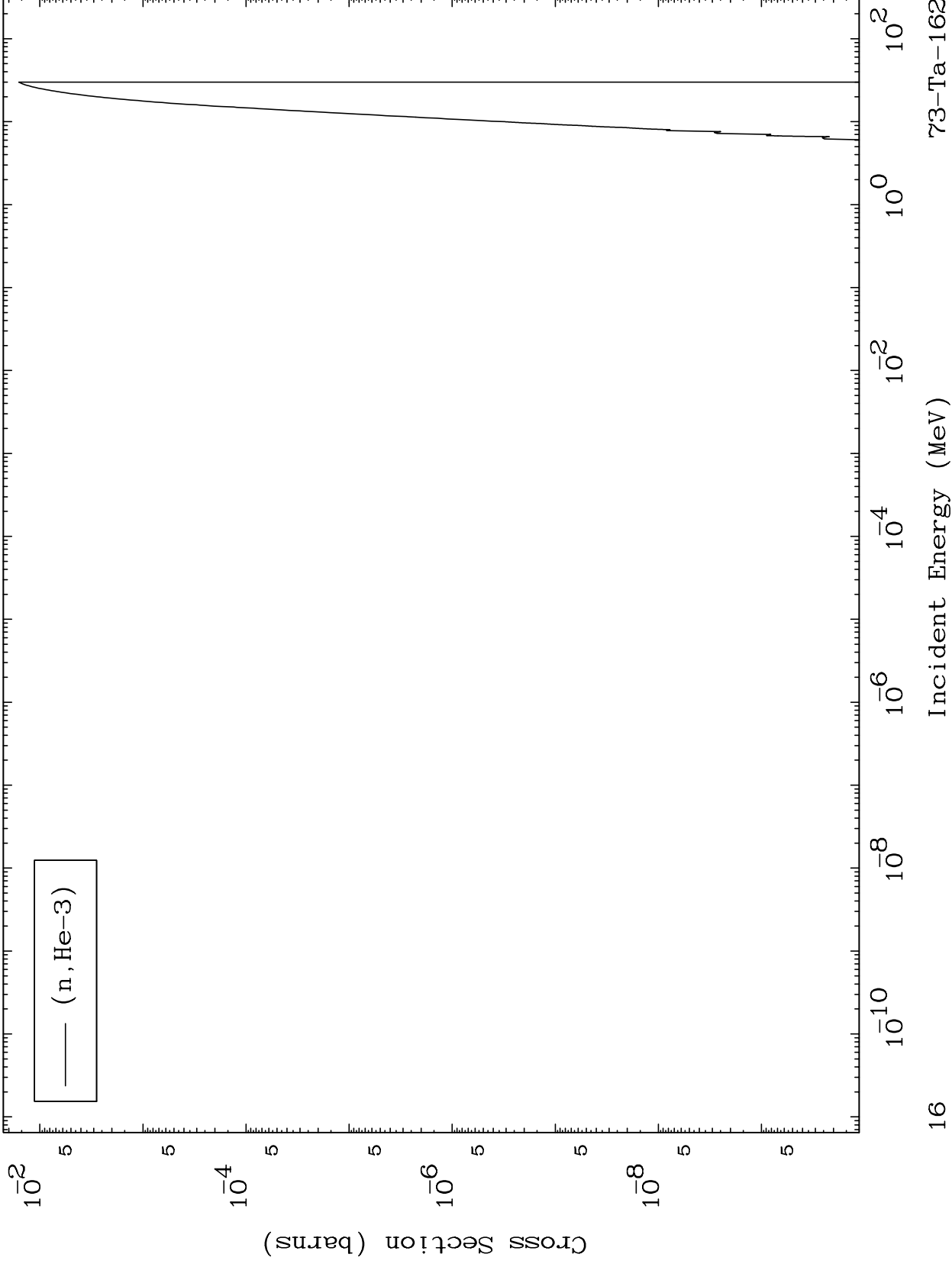
Incident Energy (MeV)

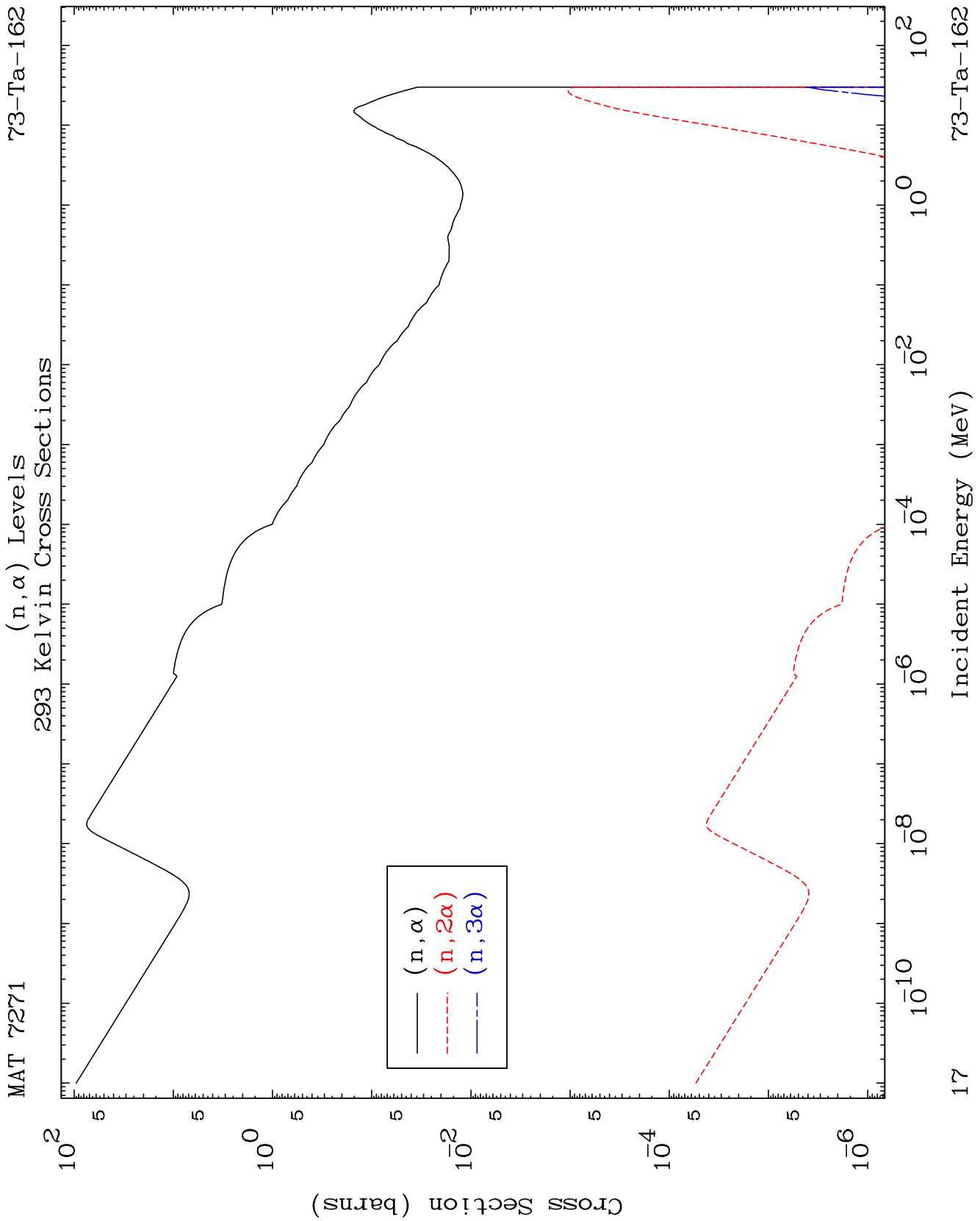
73-Ta-162

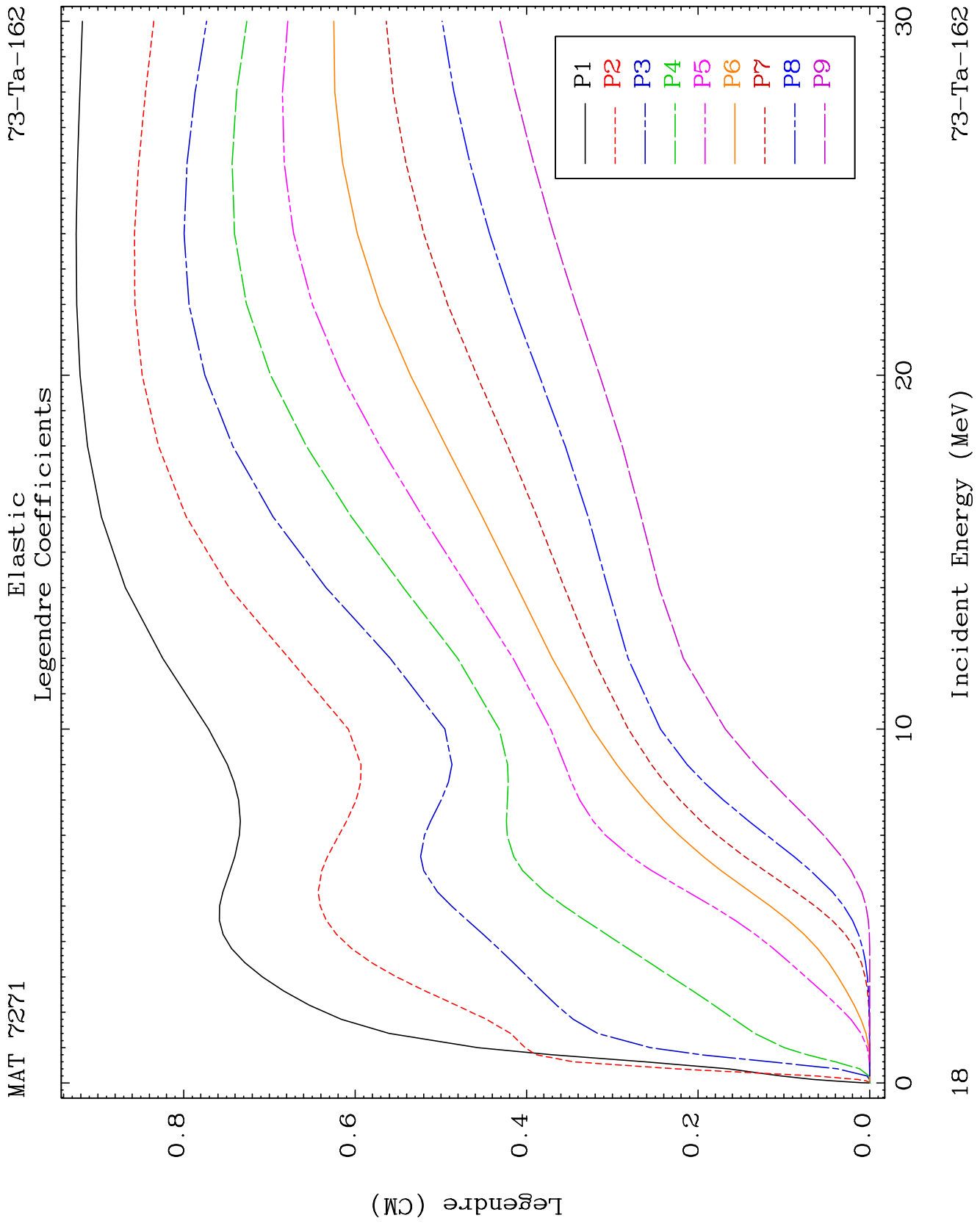
MAT 7271

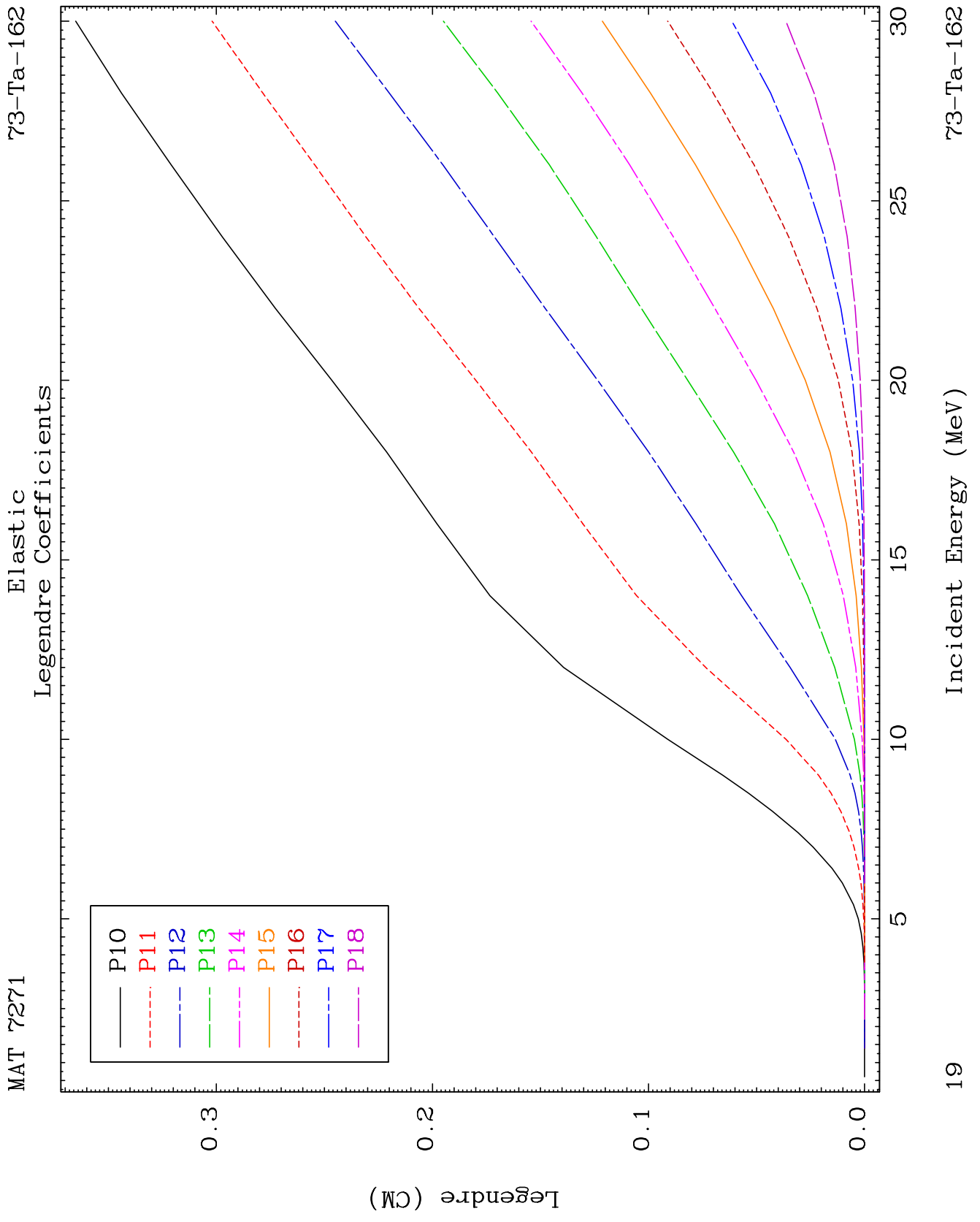
(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-162





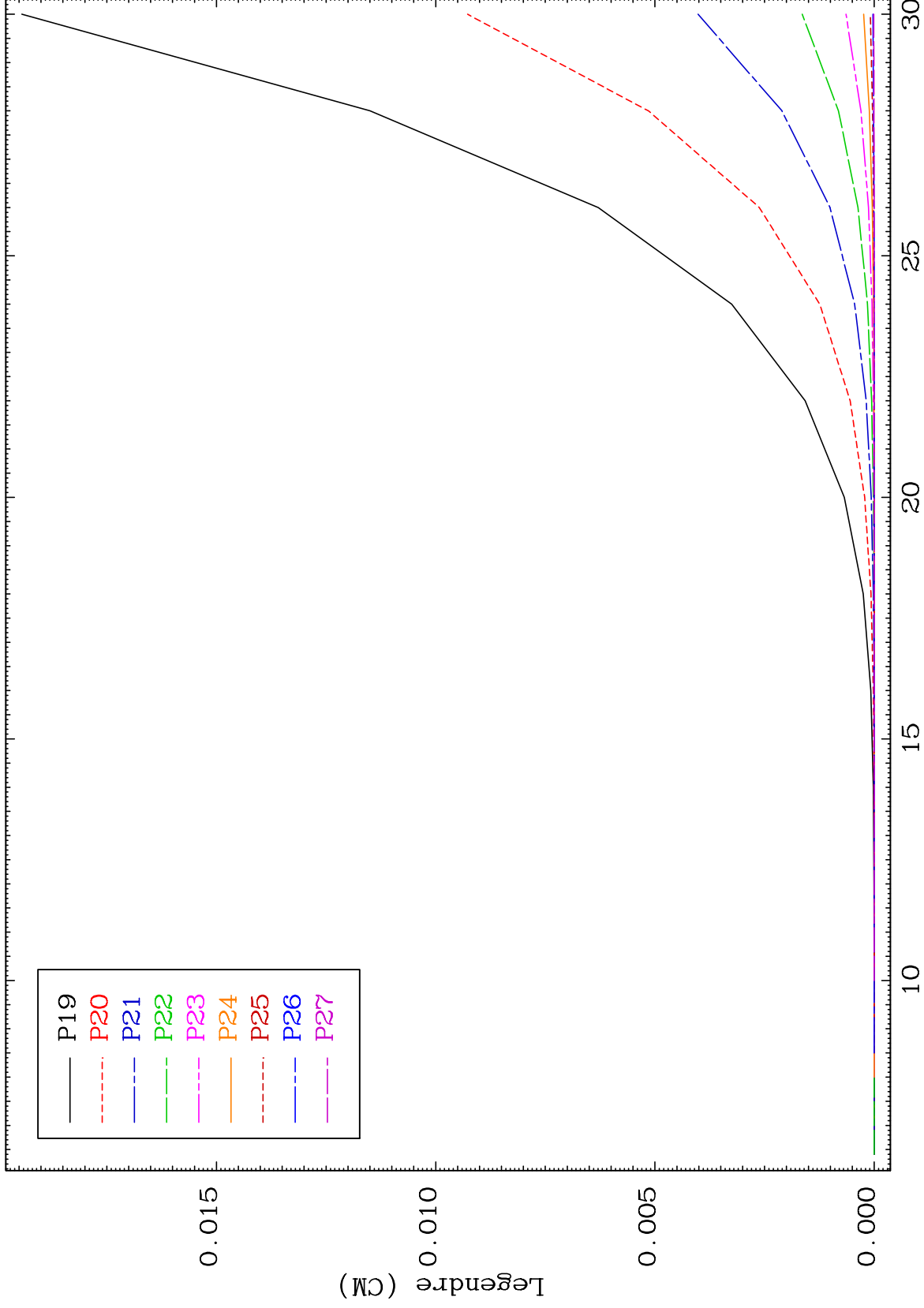




MAT 7271

Elastic
Legendre Coefficients

73-Ta-162



20

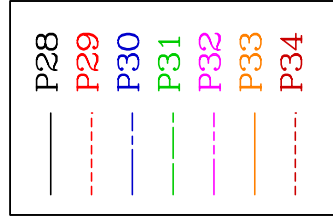
Incident Energy (MeV)

73-Ta-162

MAT 7271

Elastic
Legendre Coefficients

⁷³Ta-162



$\times 10^{-6}$

Legendre (CM)

10

15

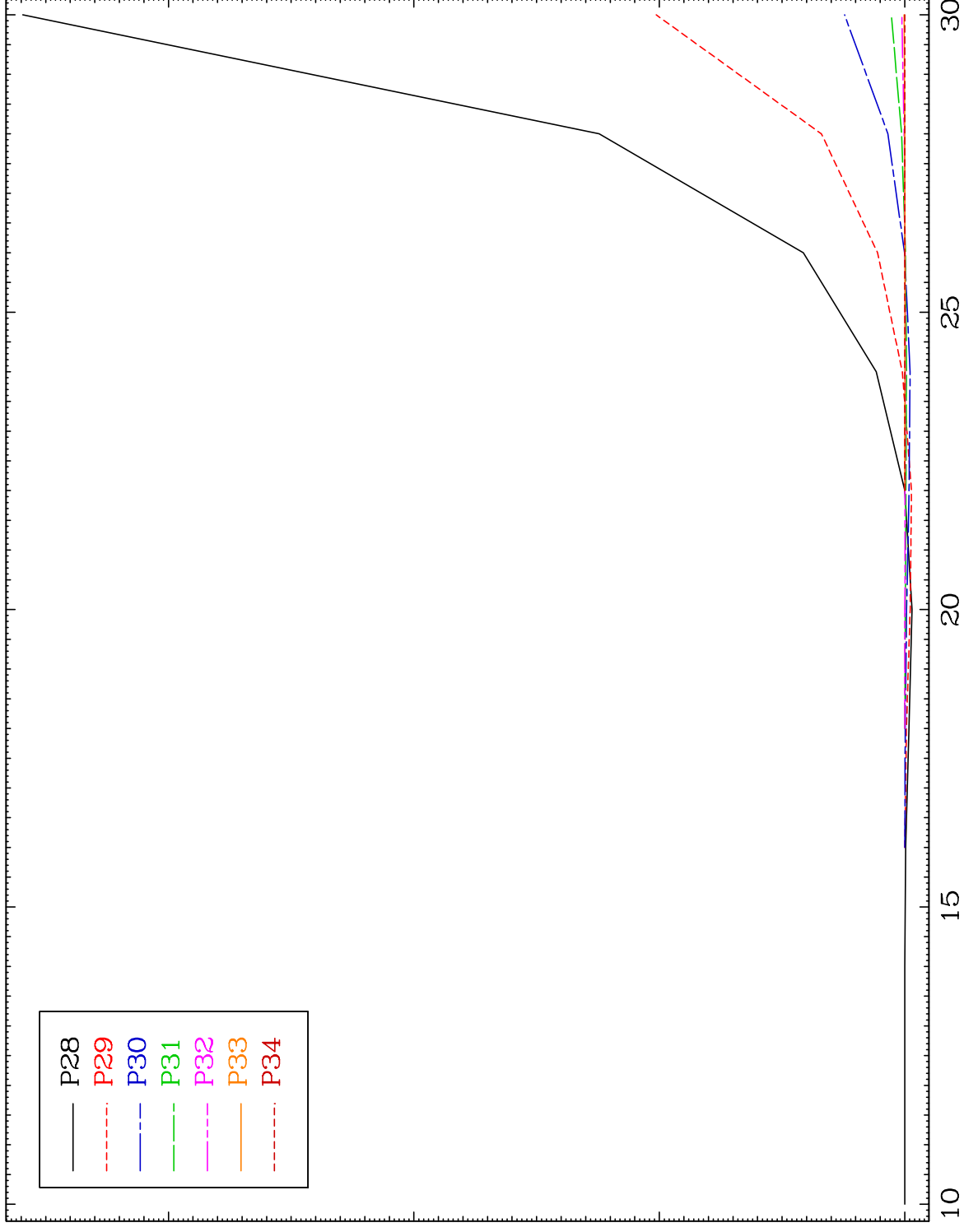
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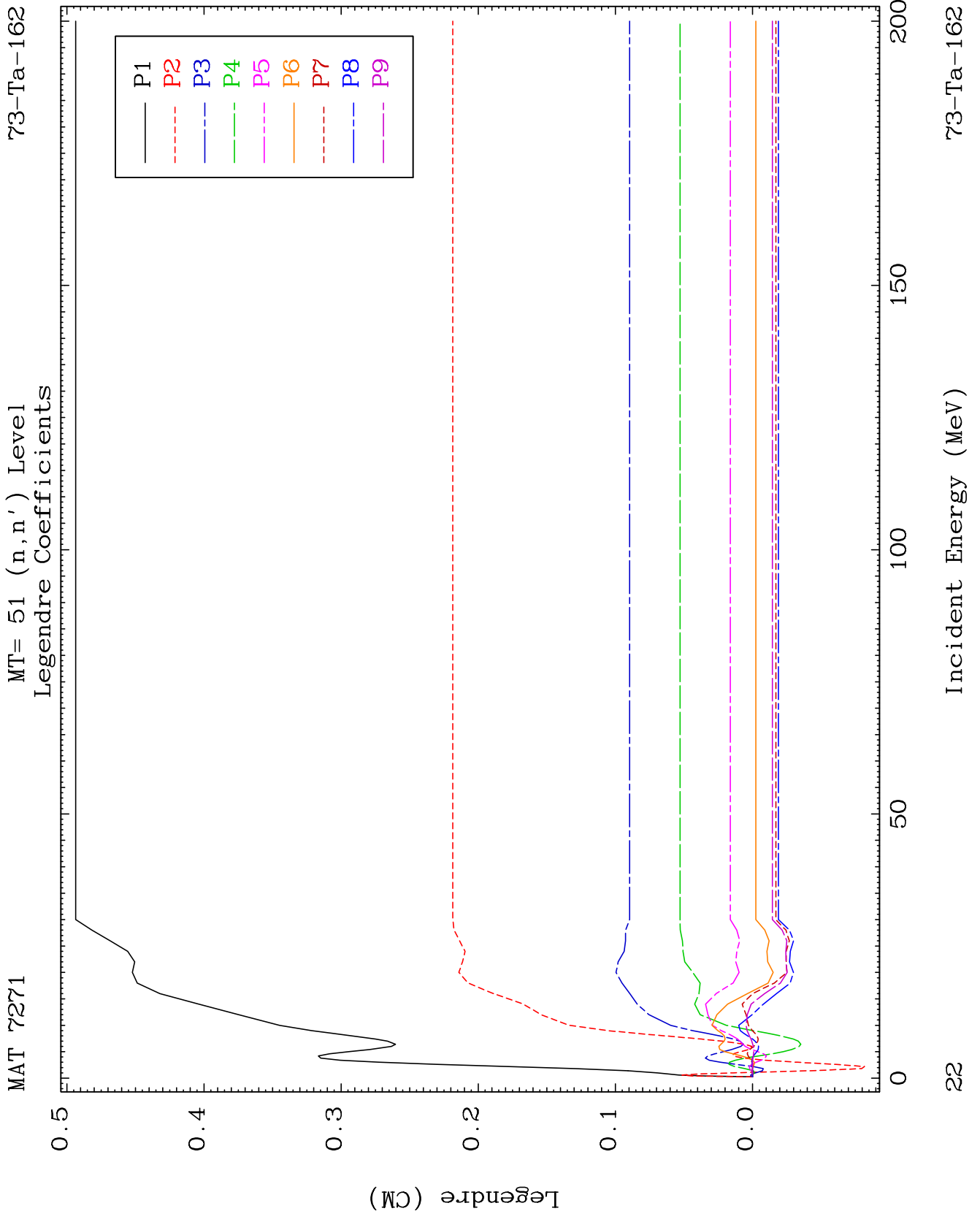
25

30

Incident Energy (MeV)

⁷³Ta-162

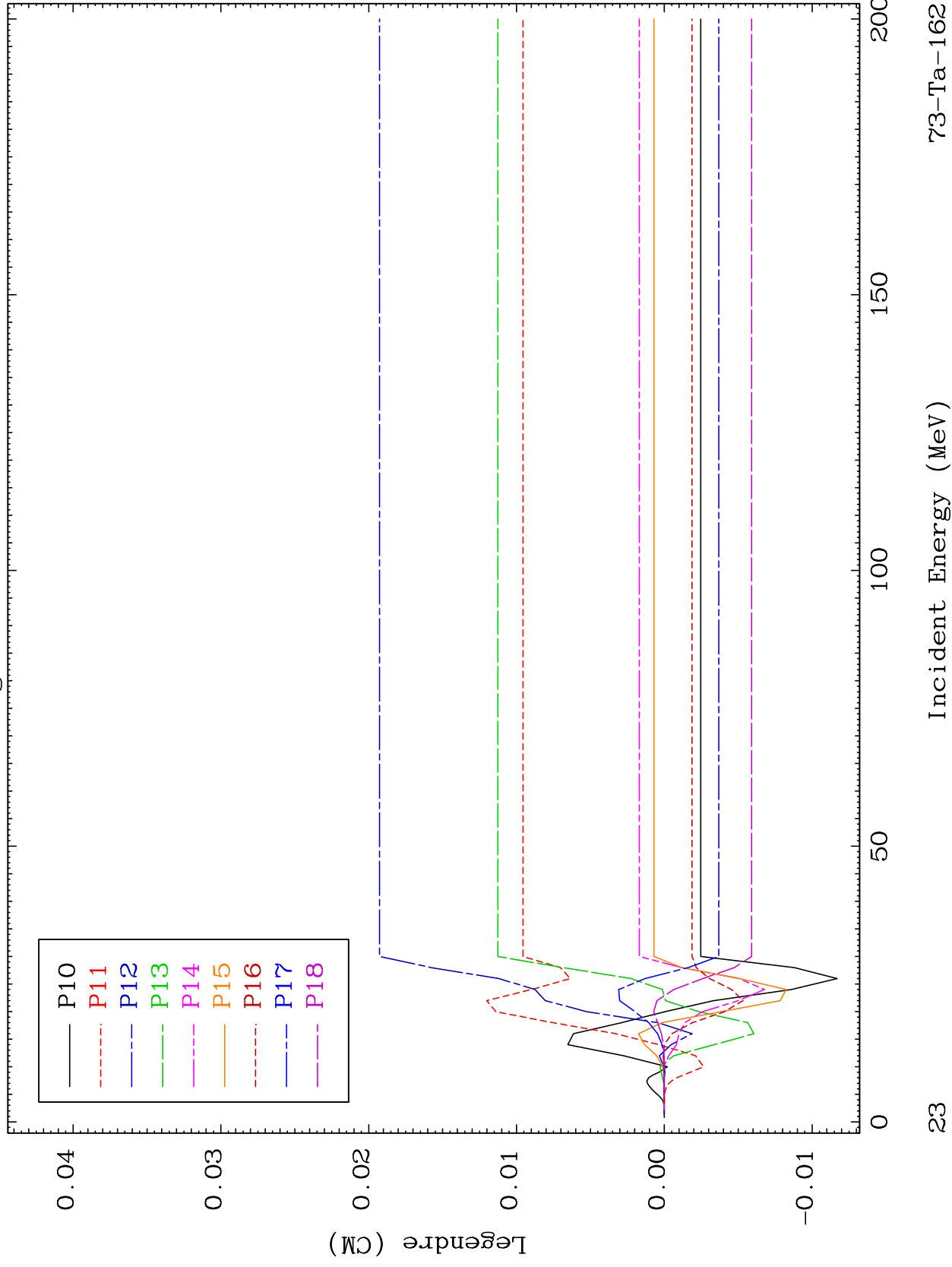




MAT 7271

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

73-Ta-162



23

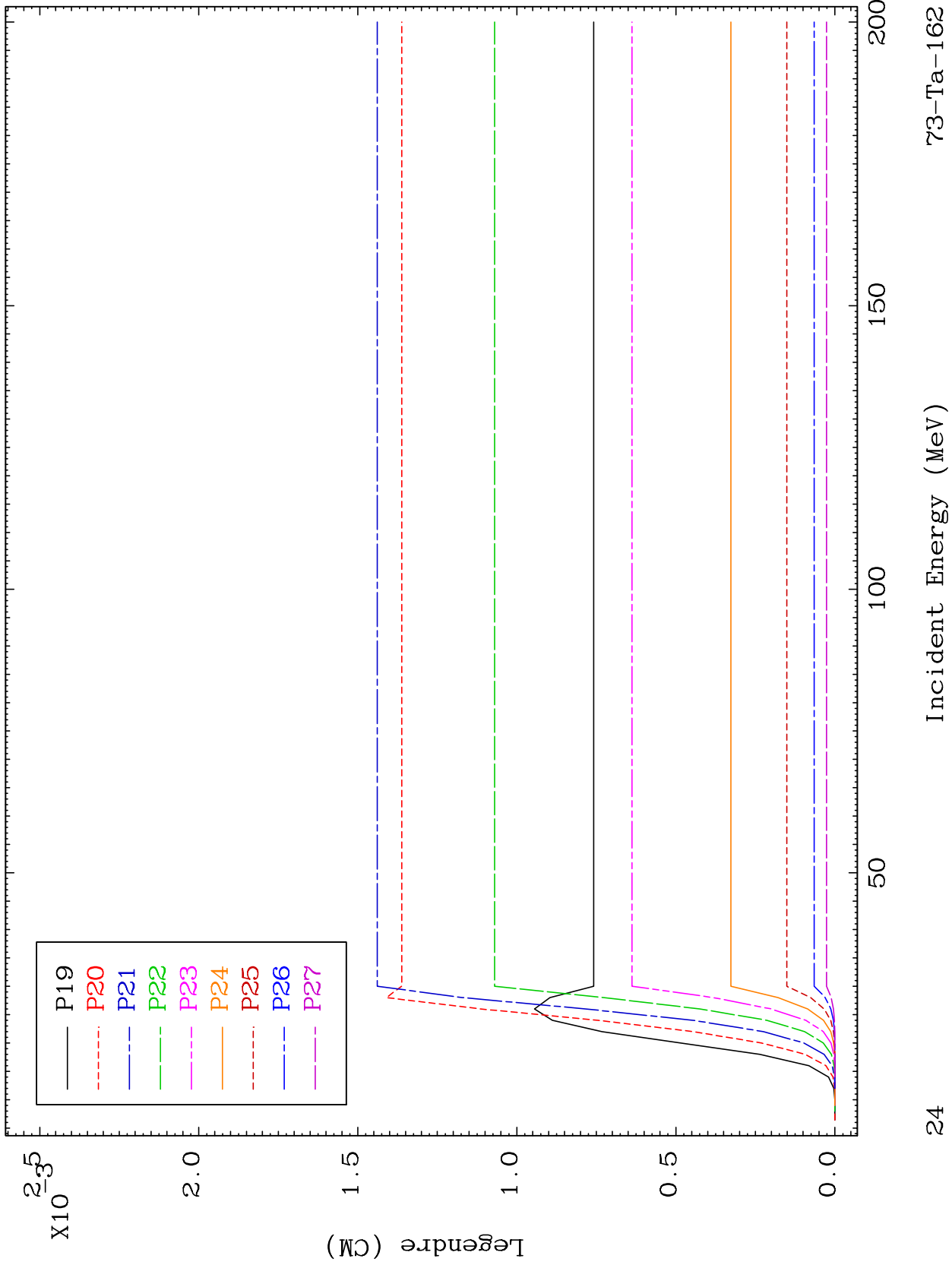
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

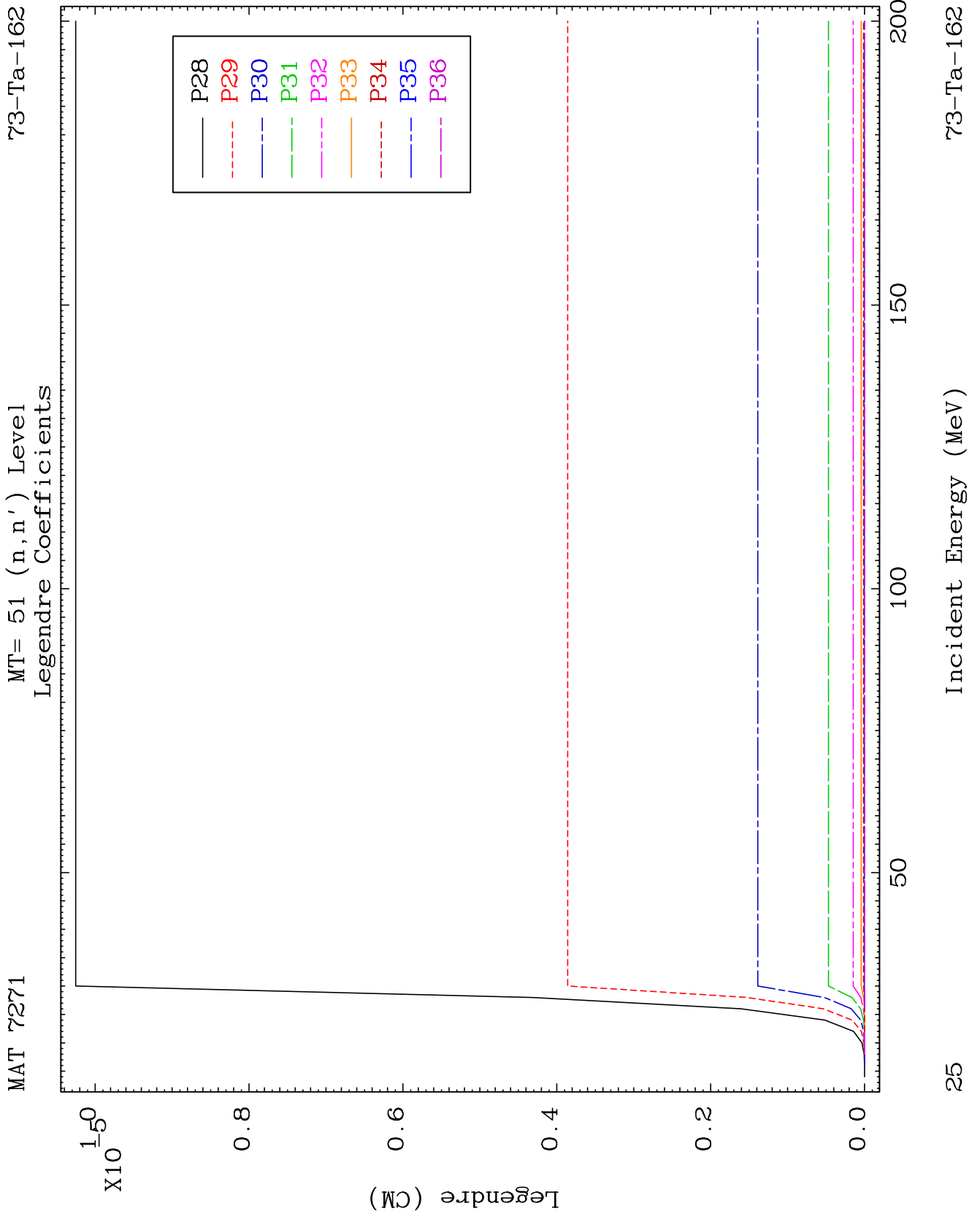
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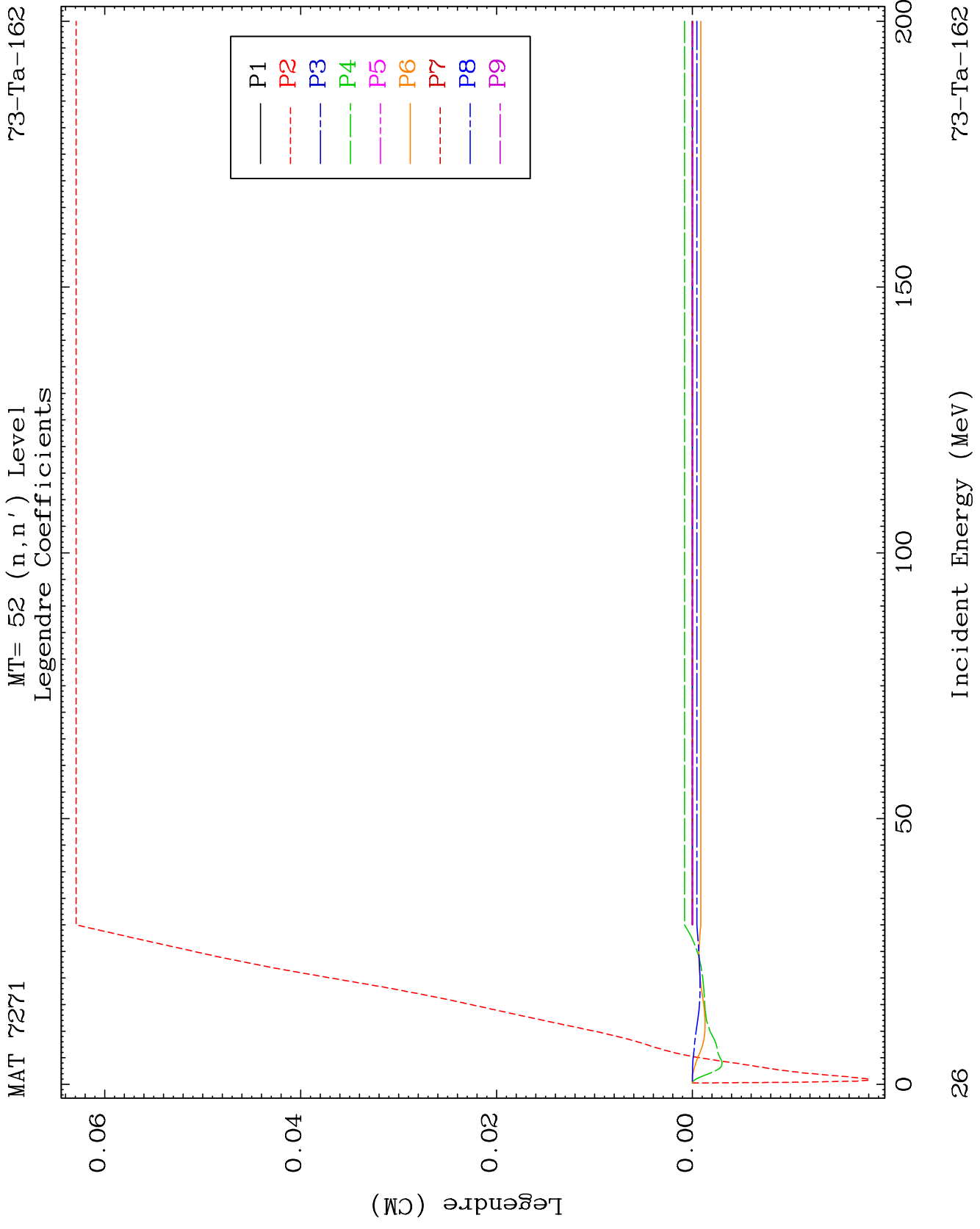


24

Incident Energy (MeV)

73-Ta-162

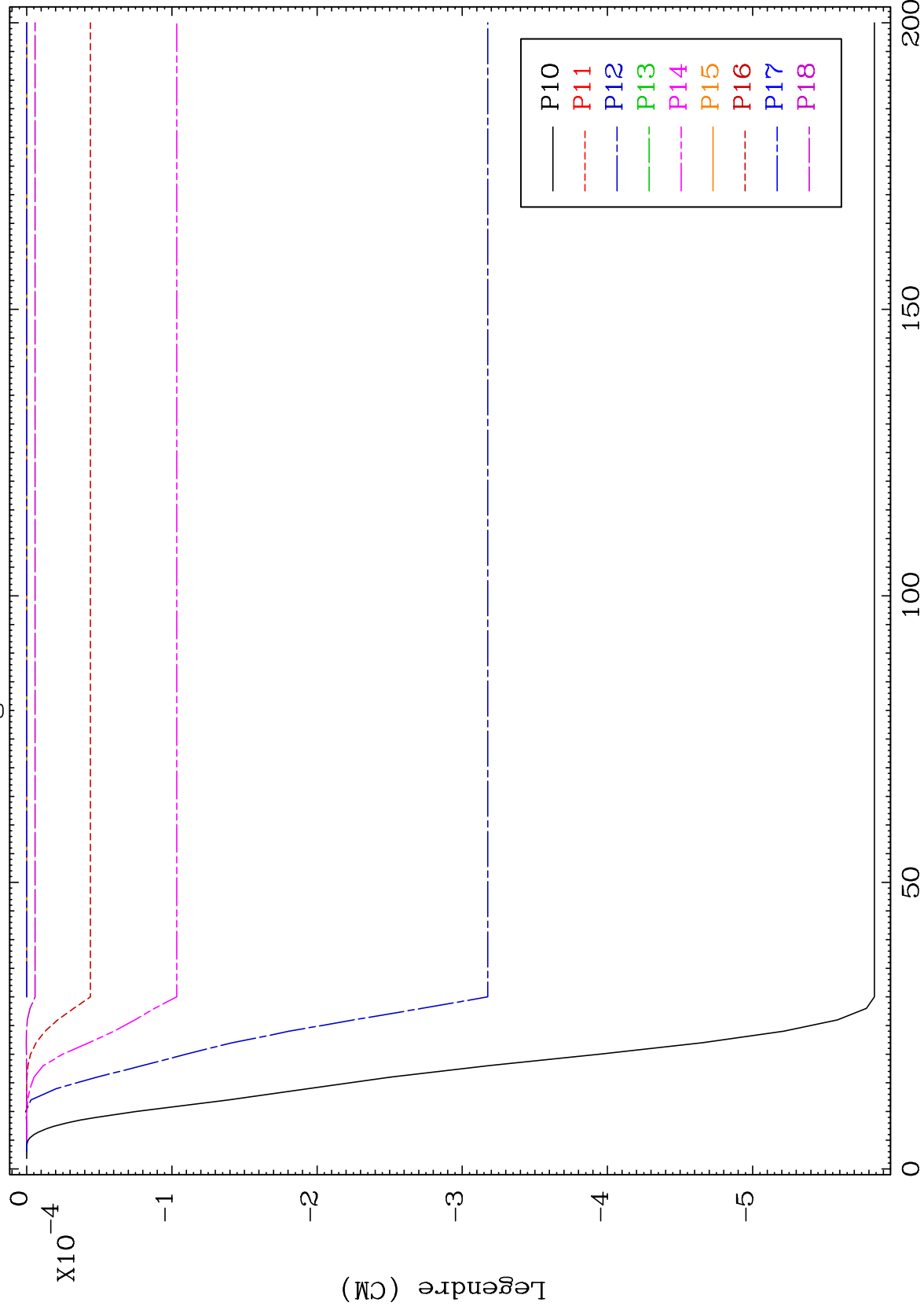




MAT 7271

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

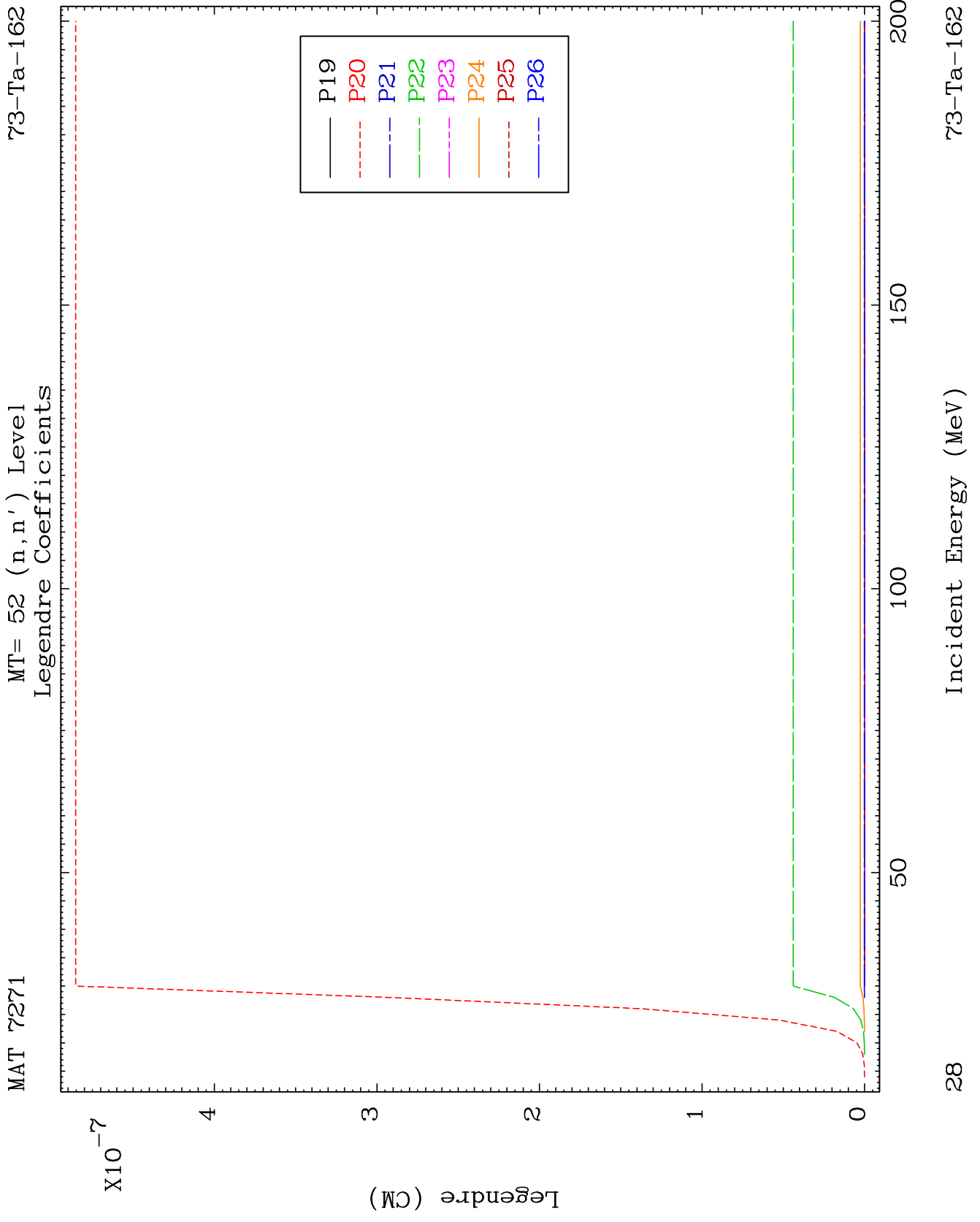
73-Ta-162



73-Ta-162

Incident Energy (MeV)

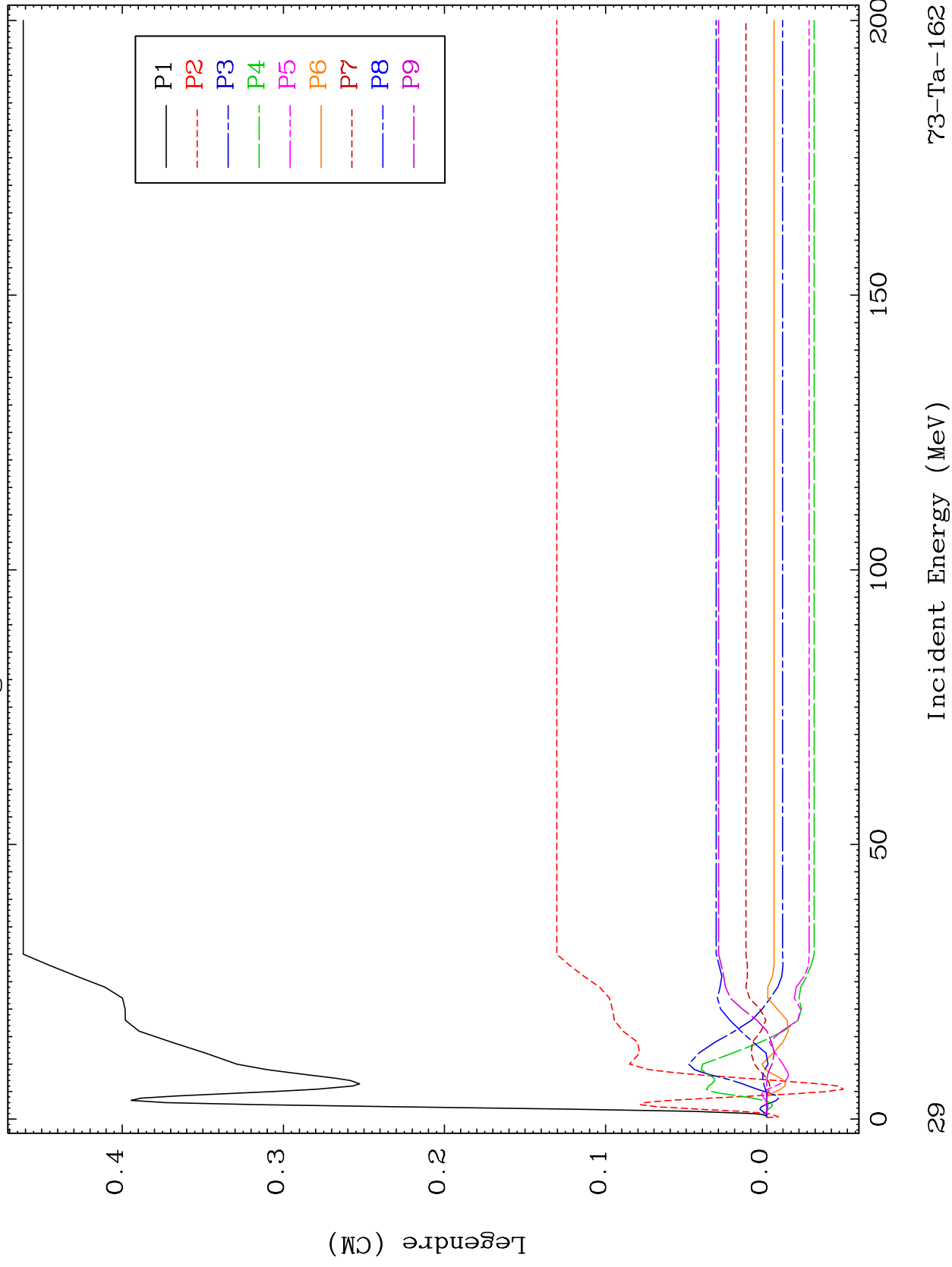
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MAT 7271

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

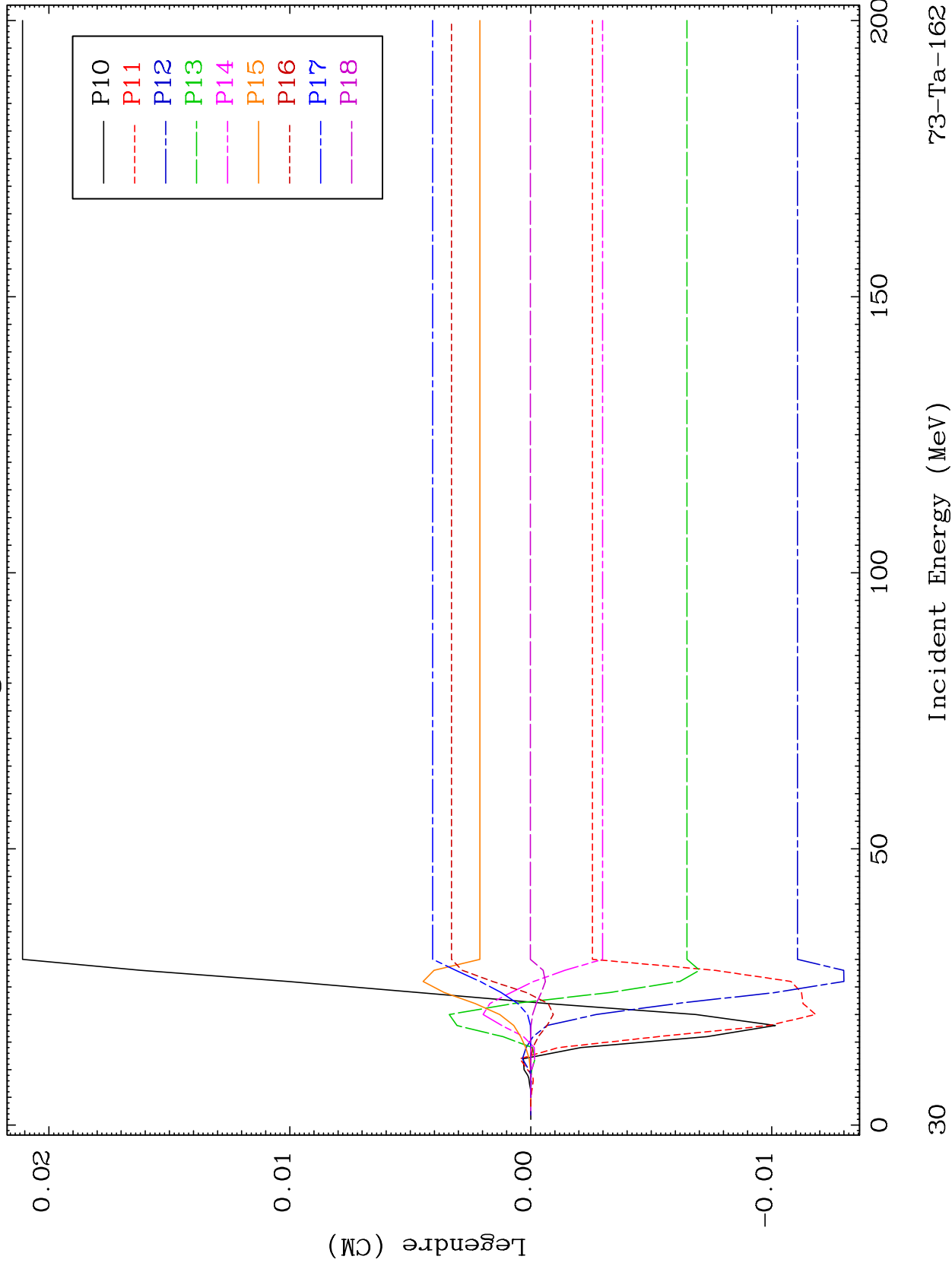
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

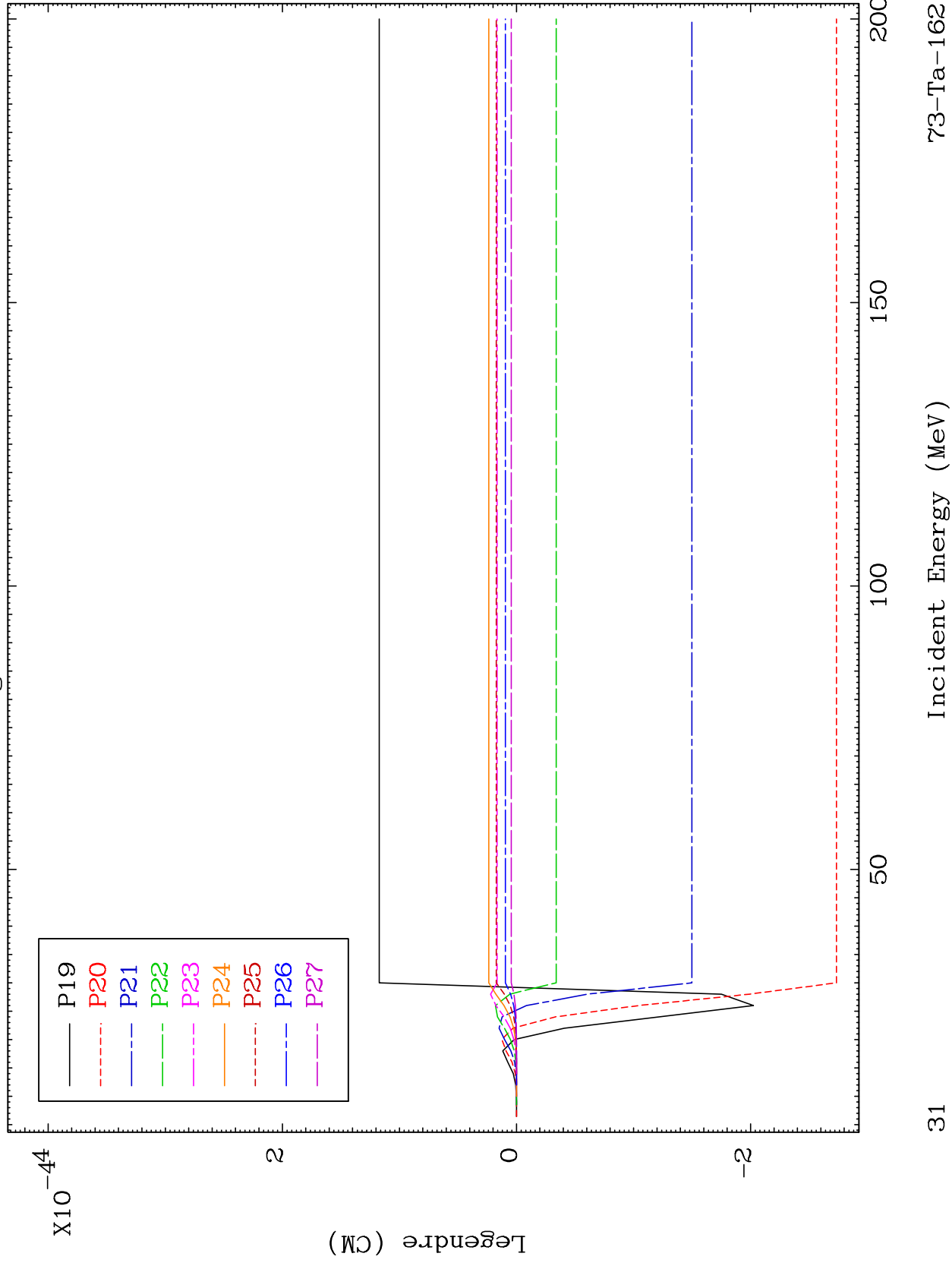
Incident Energy (MeV)

30

MAT 7271

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

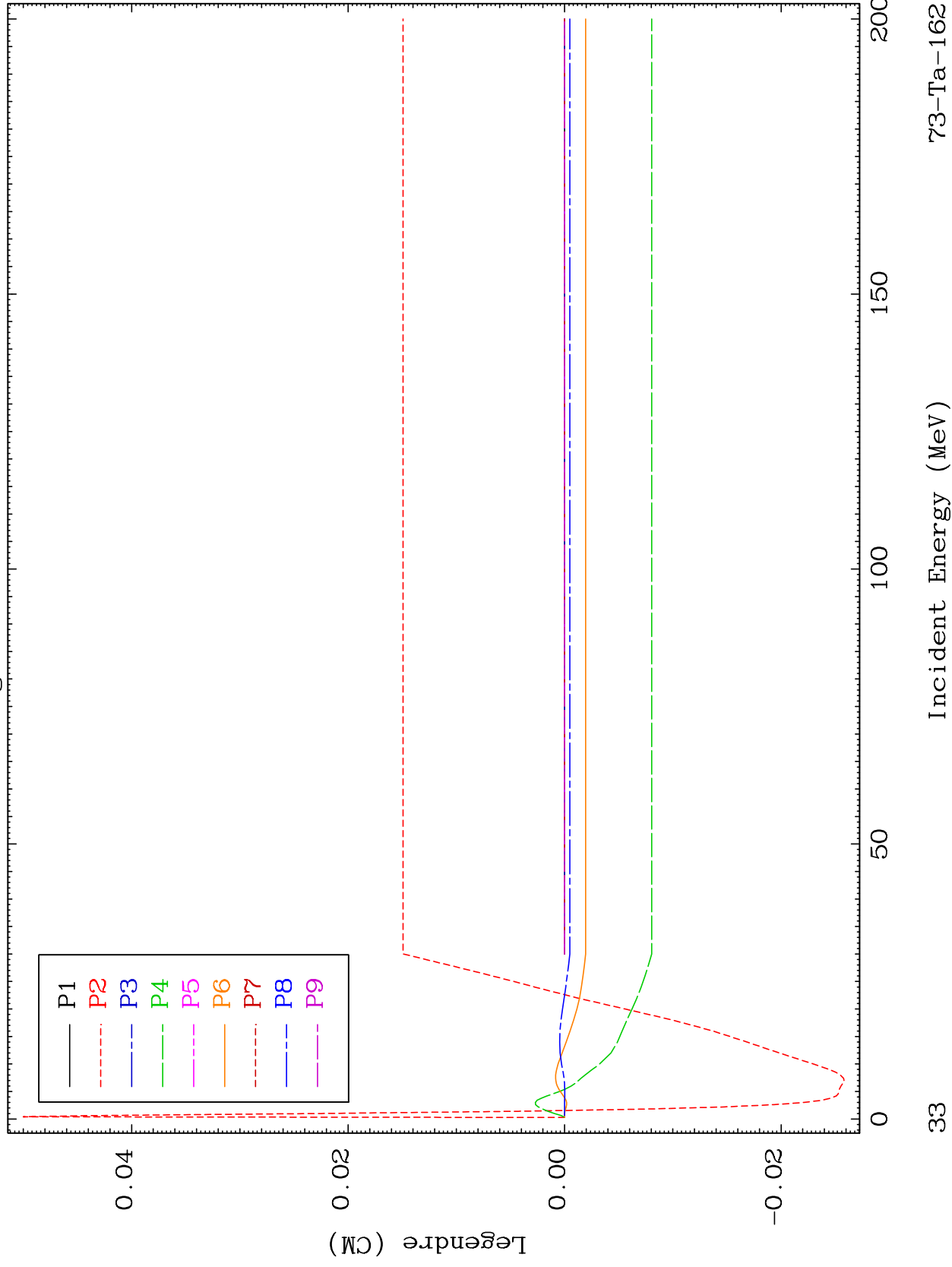
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

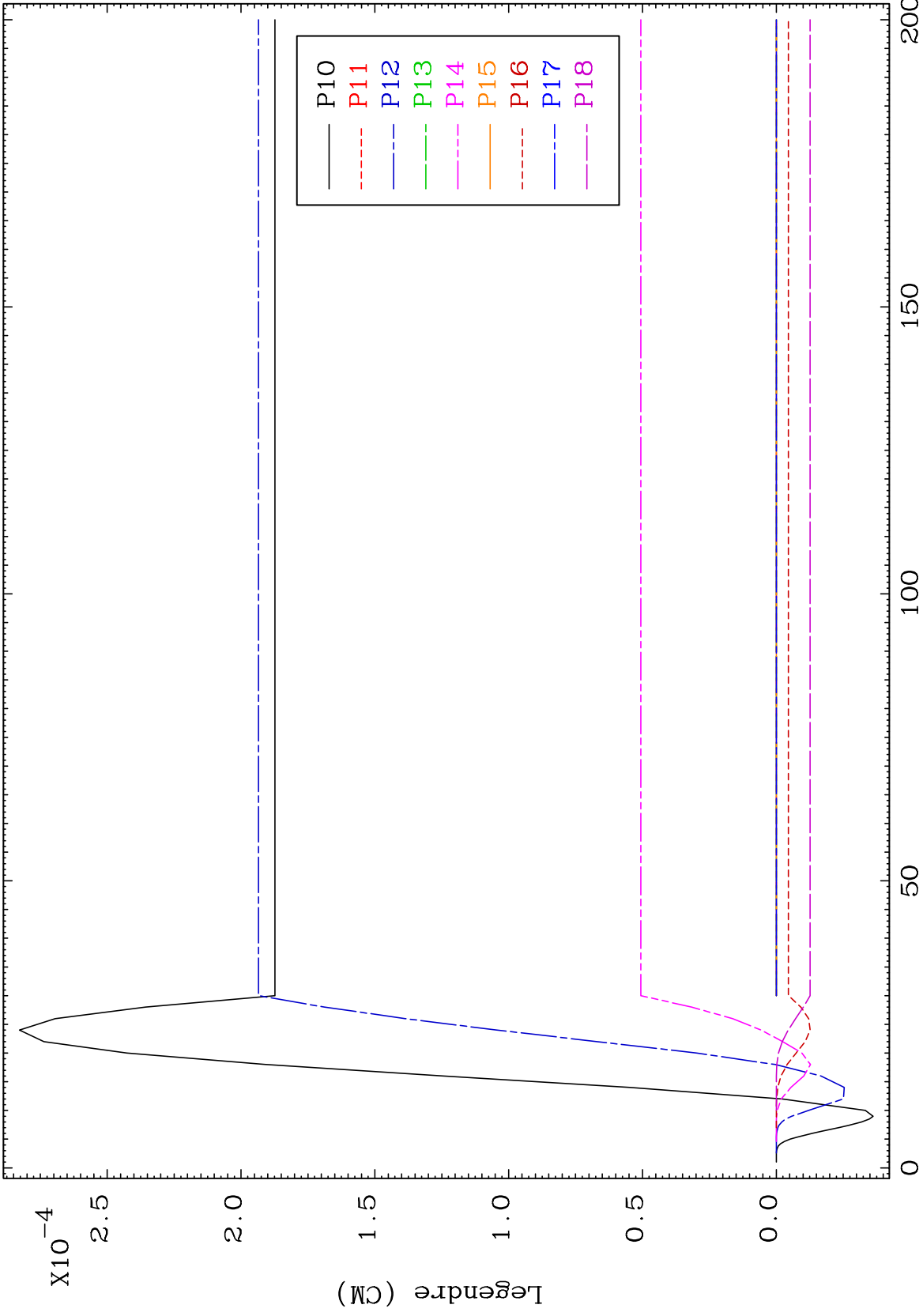
Incident Energy (MeV)

33

MAT 7271

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

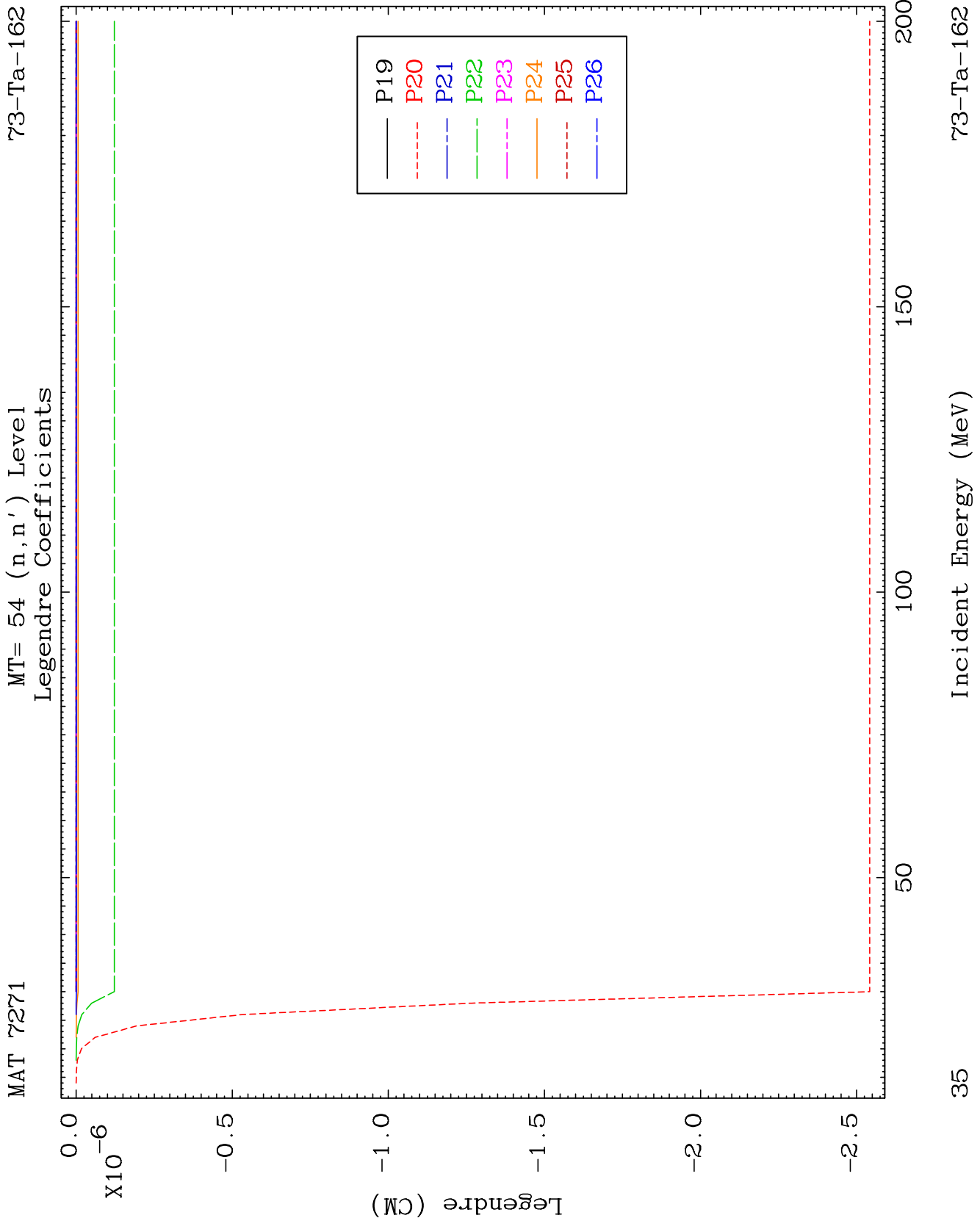
73-Ta-162



34

Incident Energy (MeV)

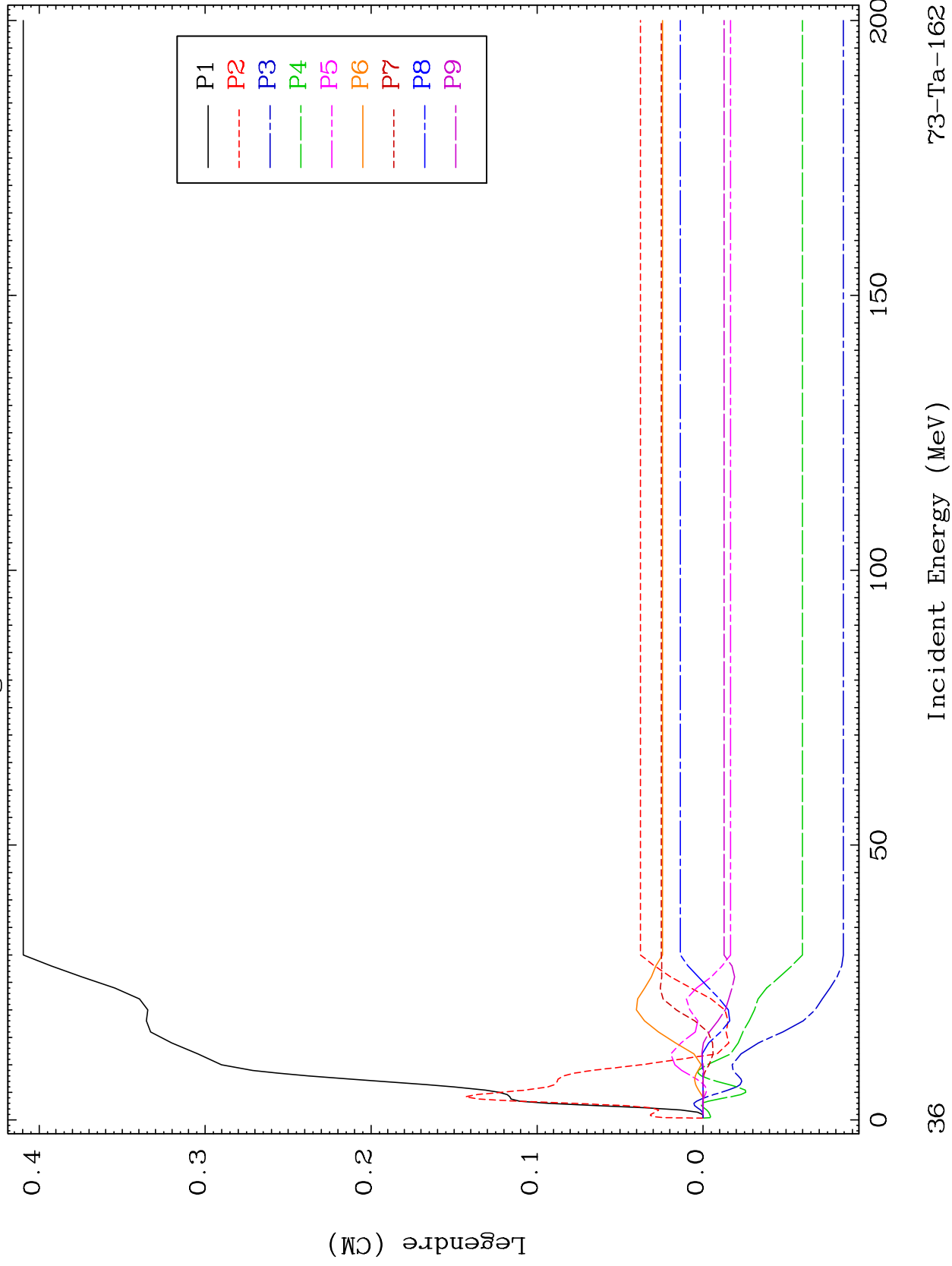
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

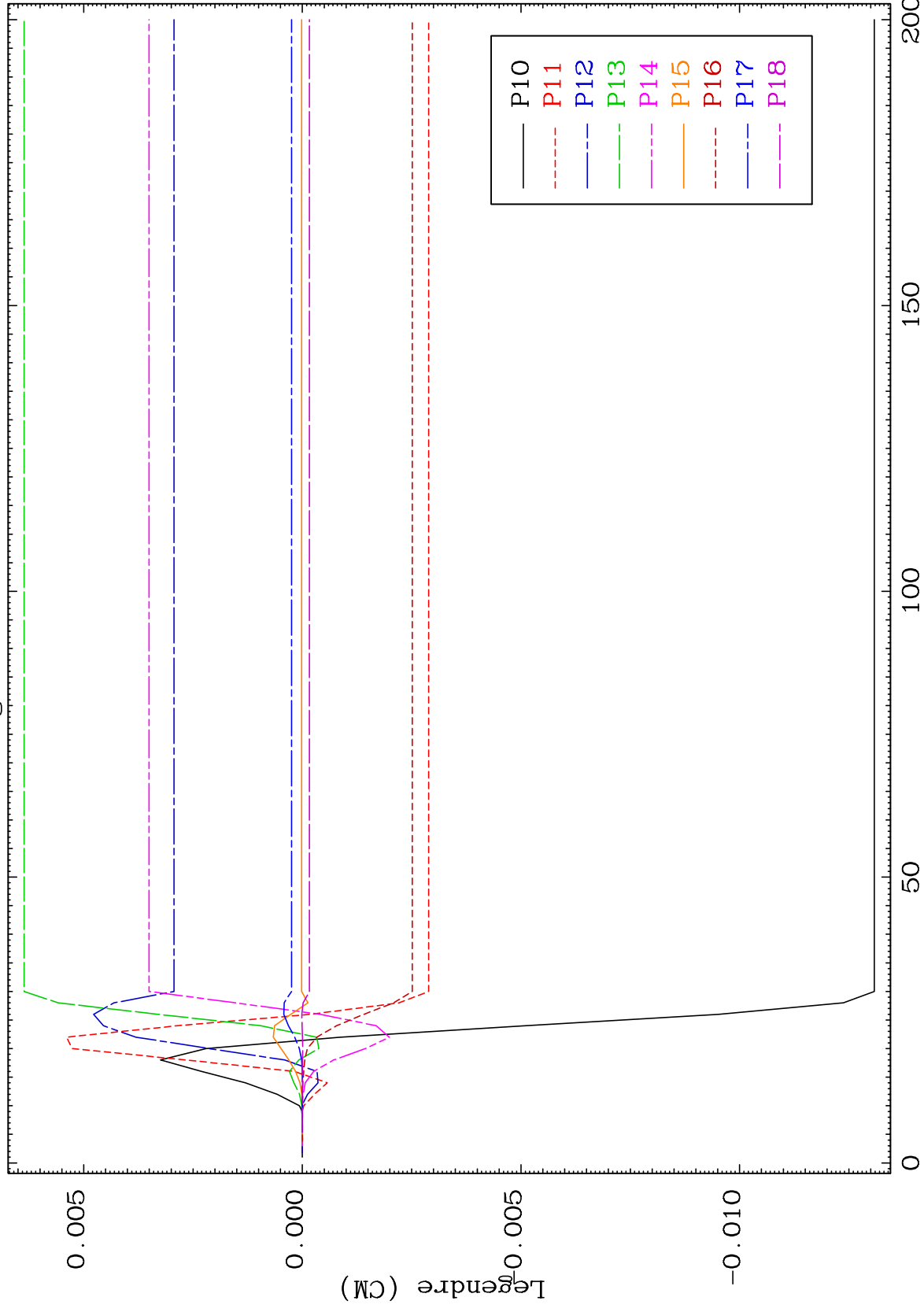
Incident Energy (MeV)

36

MAT 7271

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

73-Ta-162



37

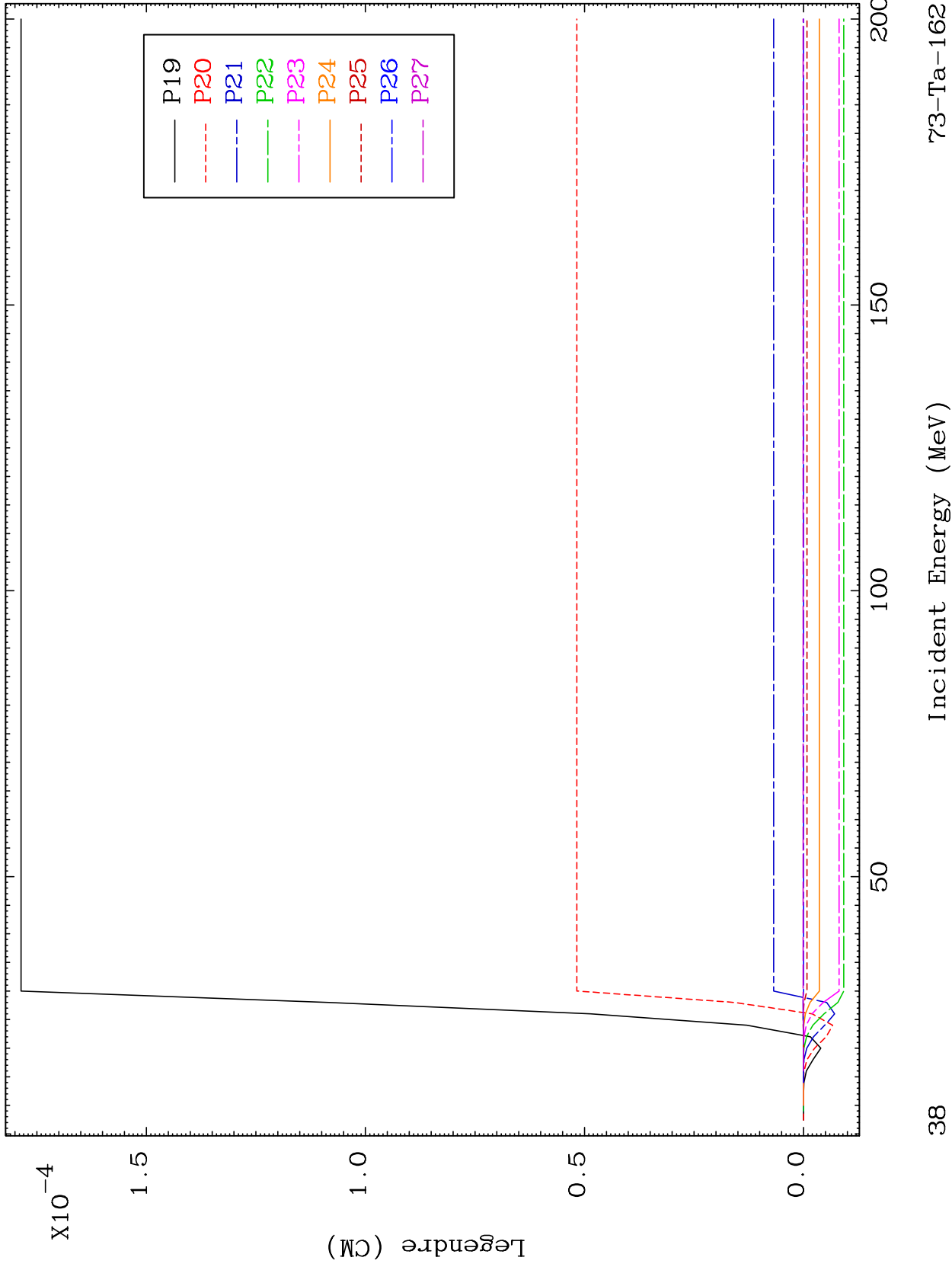
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162

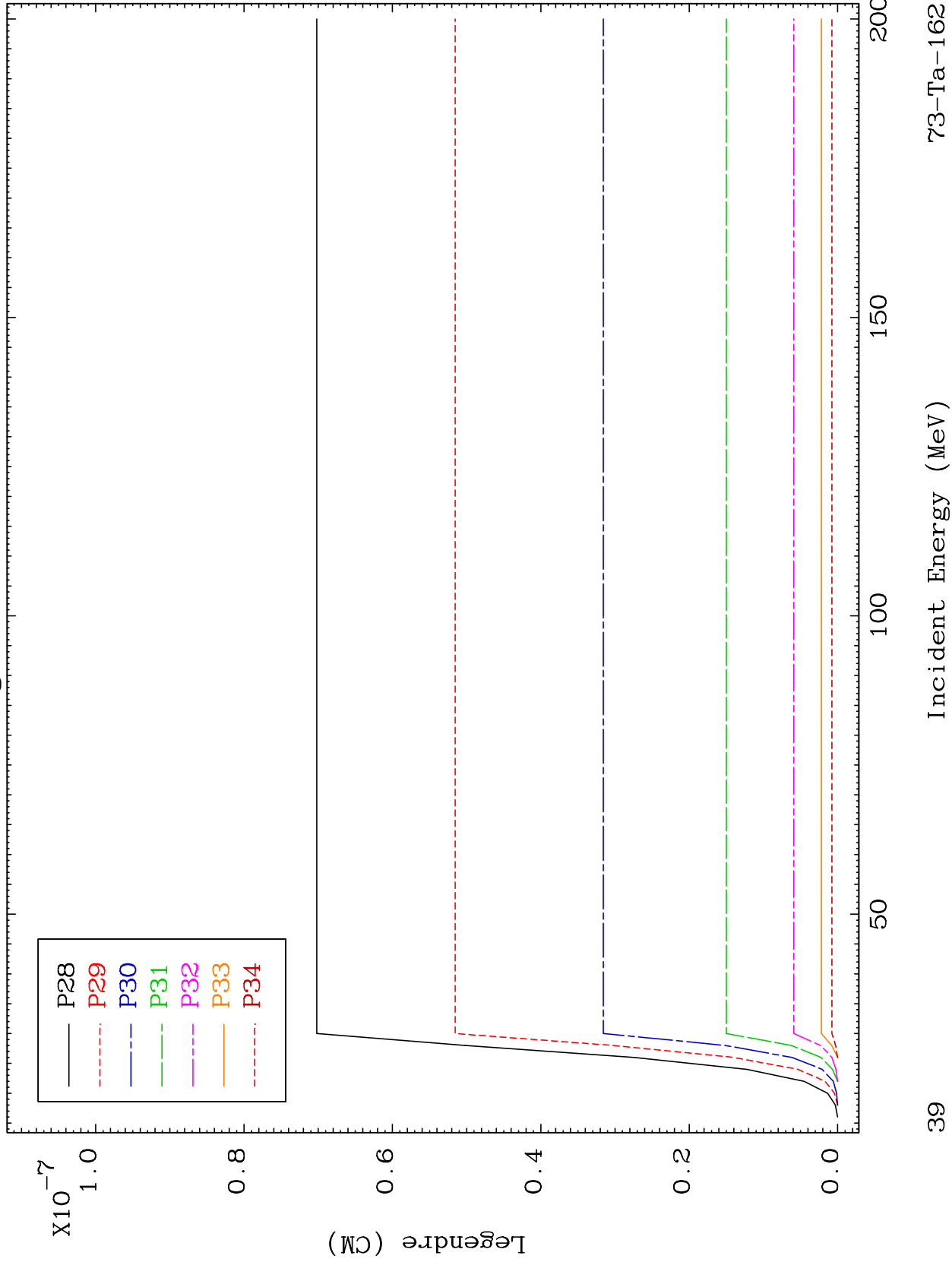


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MAT 7271

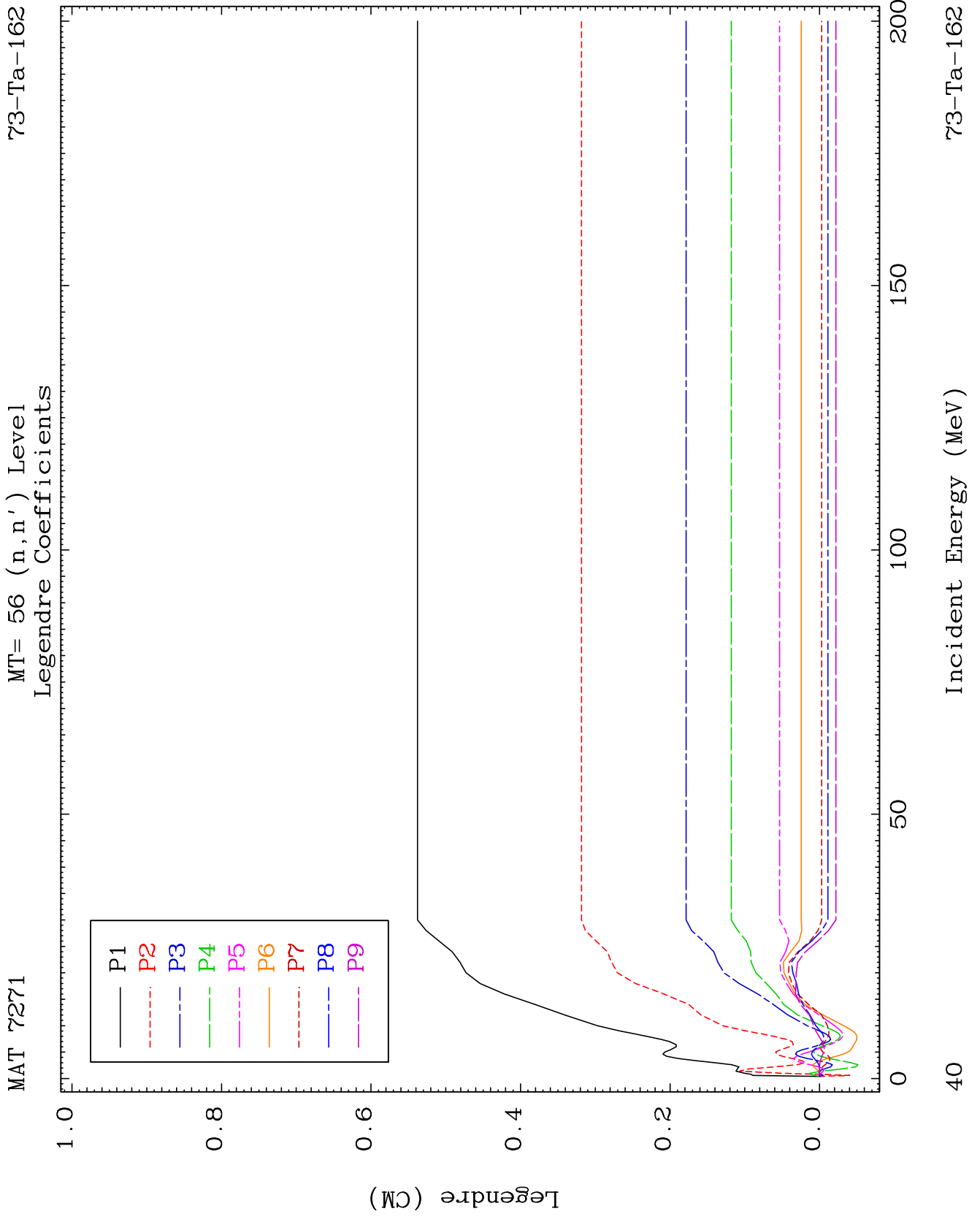
MT= 55 (n,n') Level
Legendre Coefficients

⁷³Ta-162



39

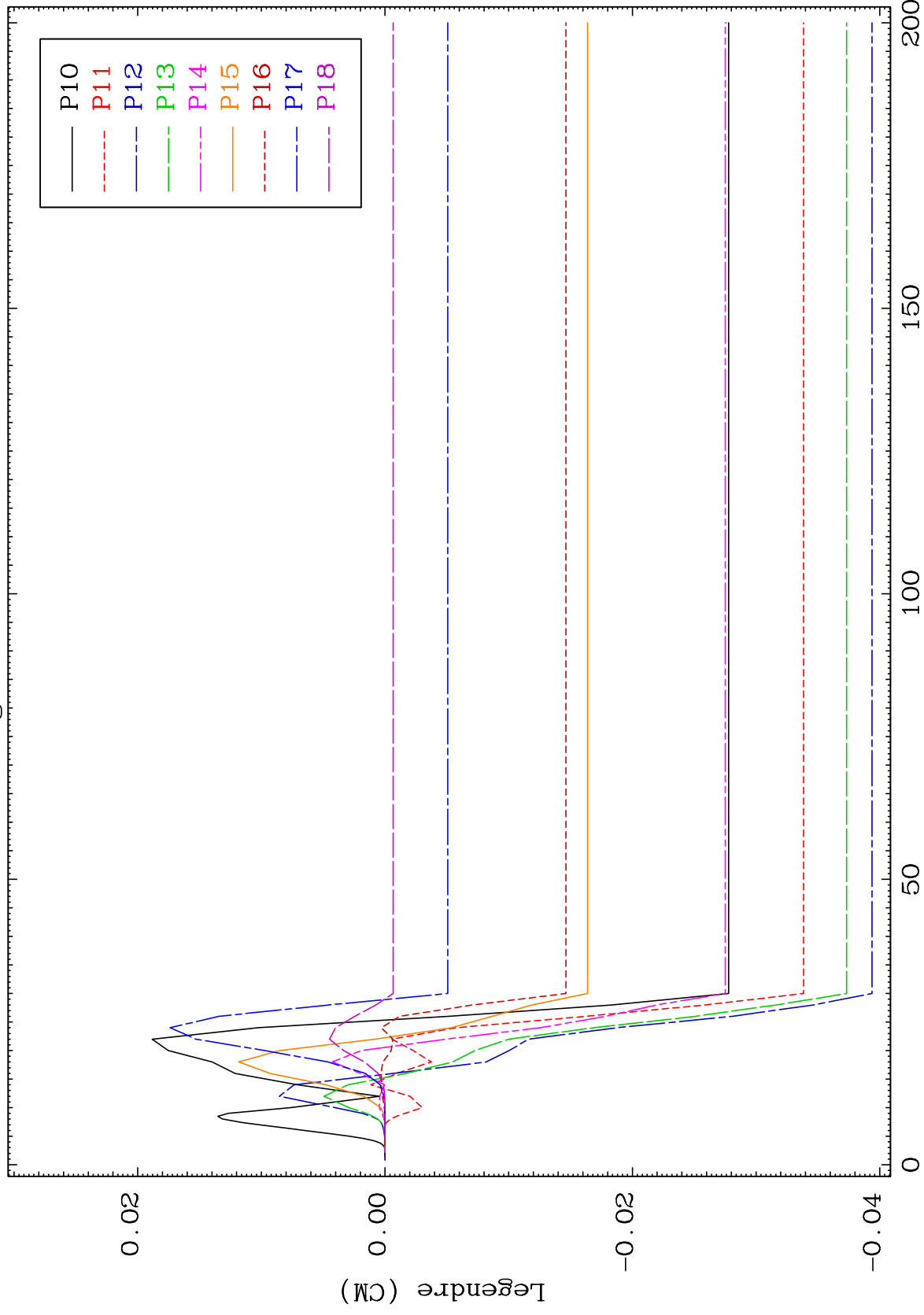
200



MAT 7271

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

73-Ta-162



41

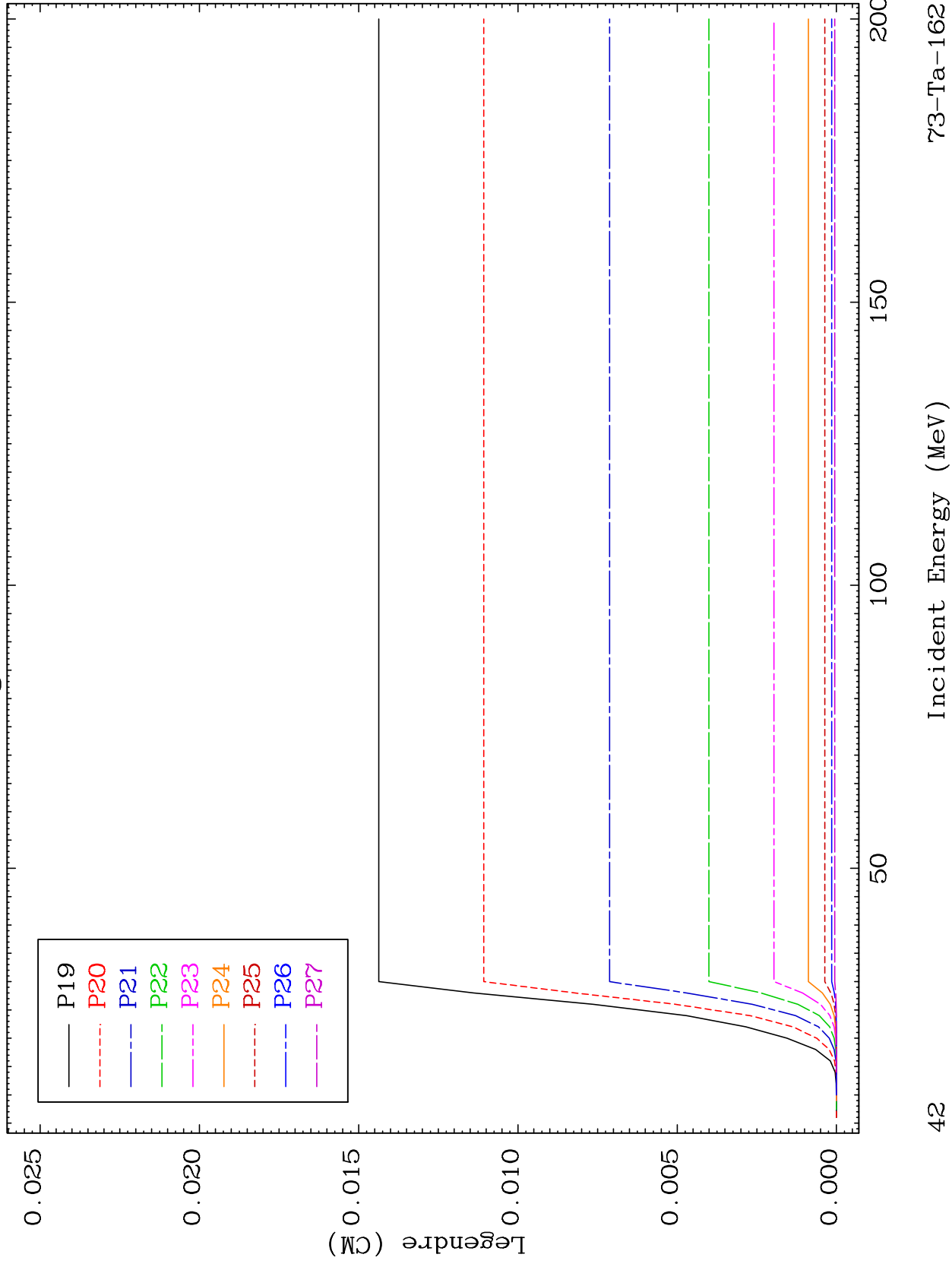
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



42

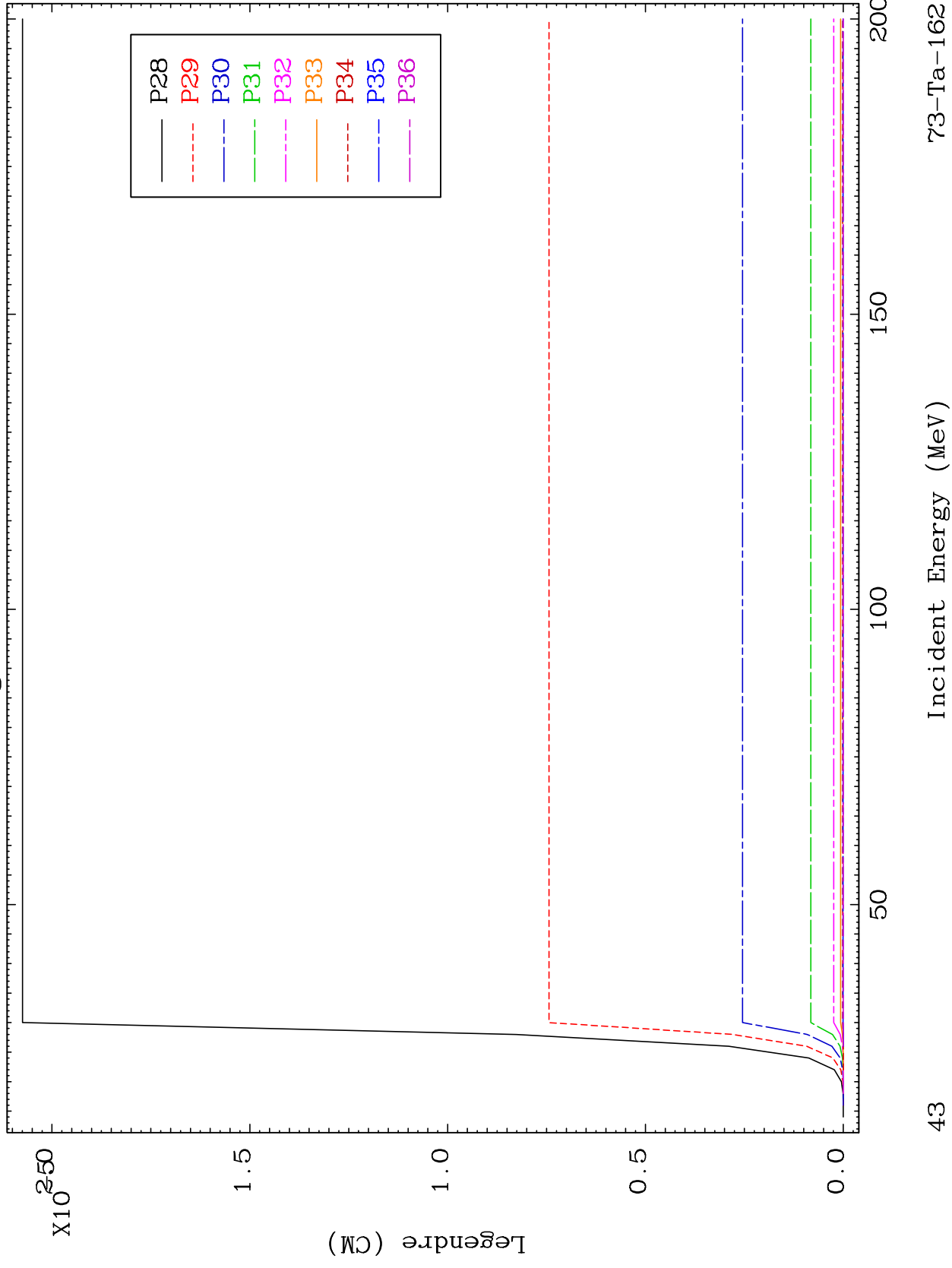
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



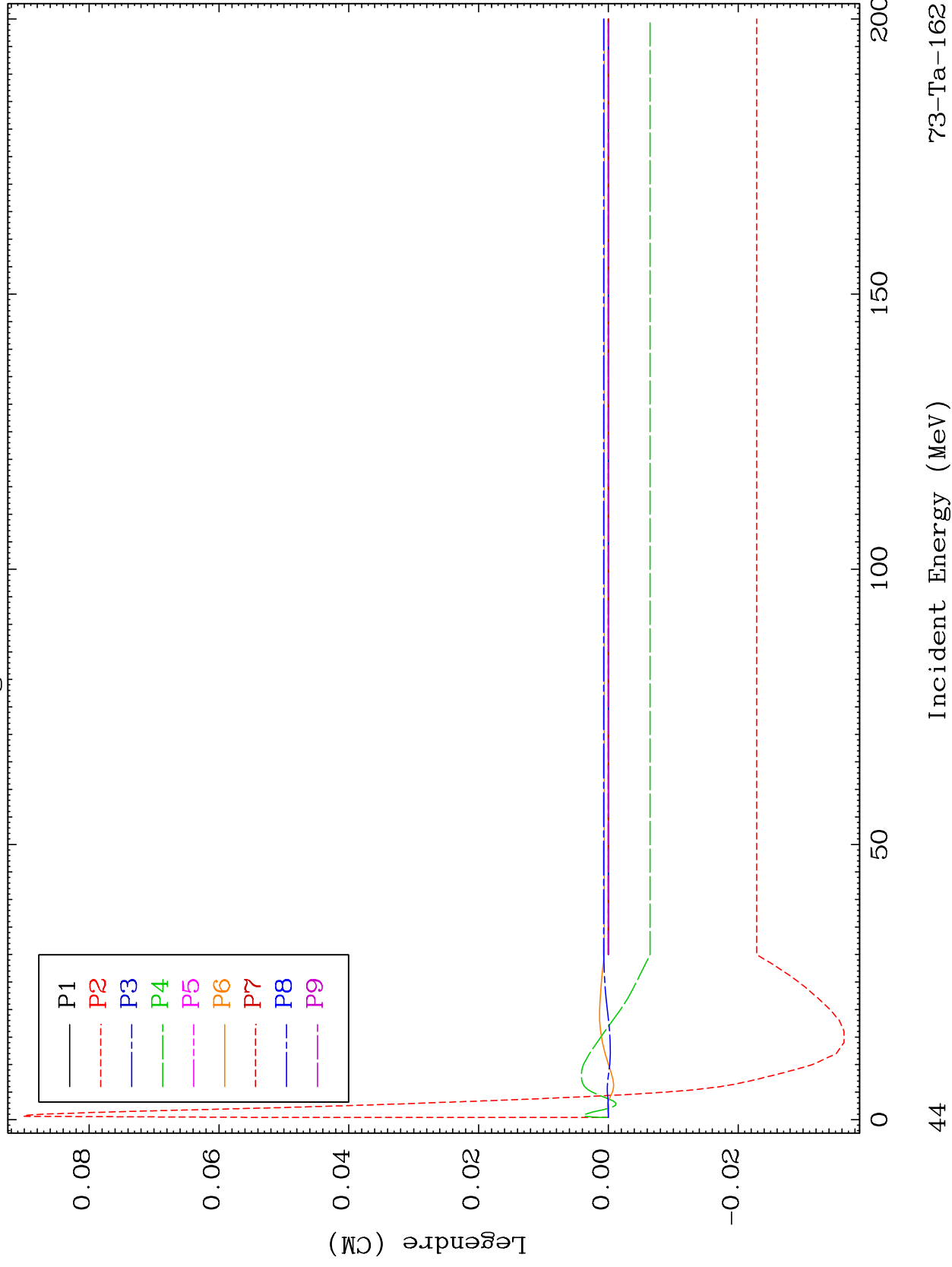
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73-Ta-162

MAT 7271

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

73-Ta-162

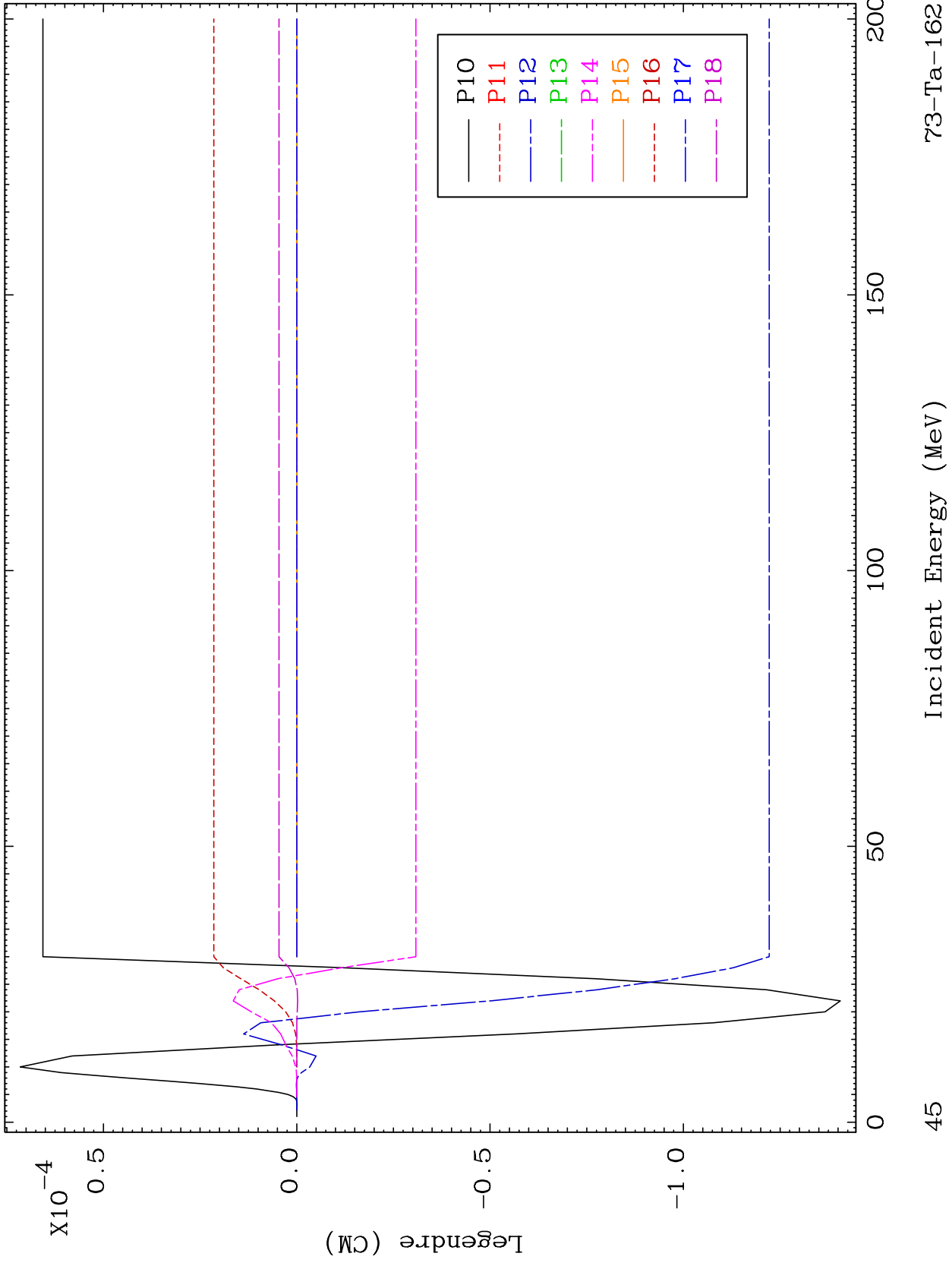


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MAT 7271

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

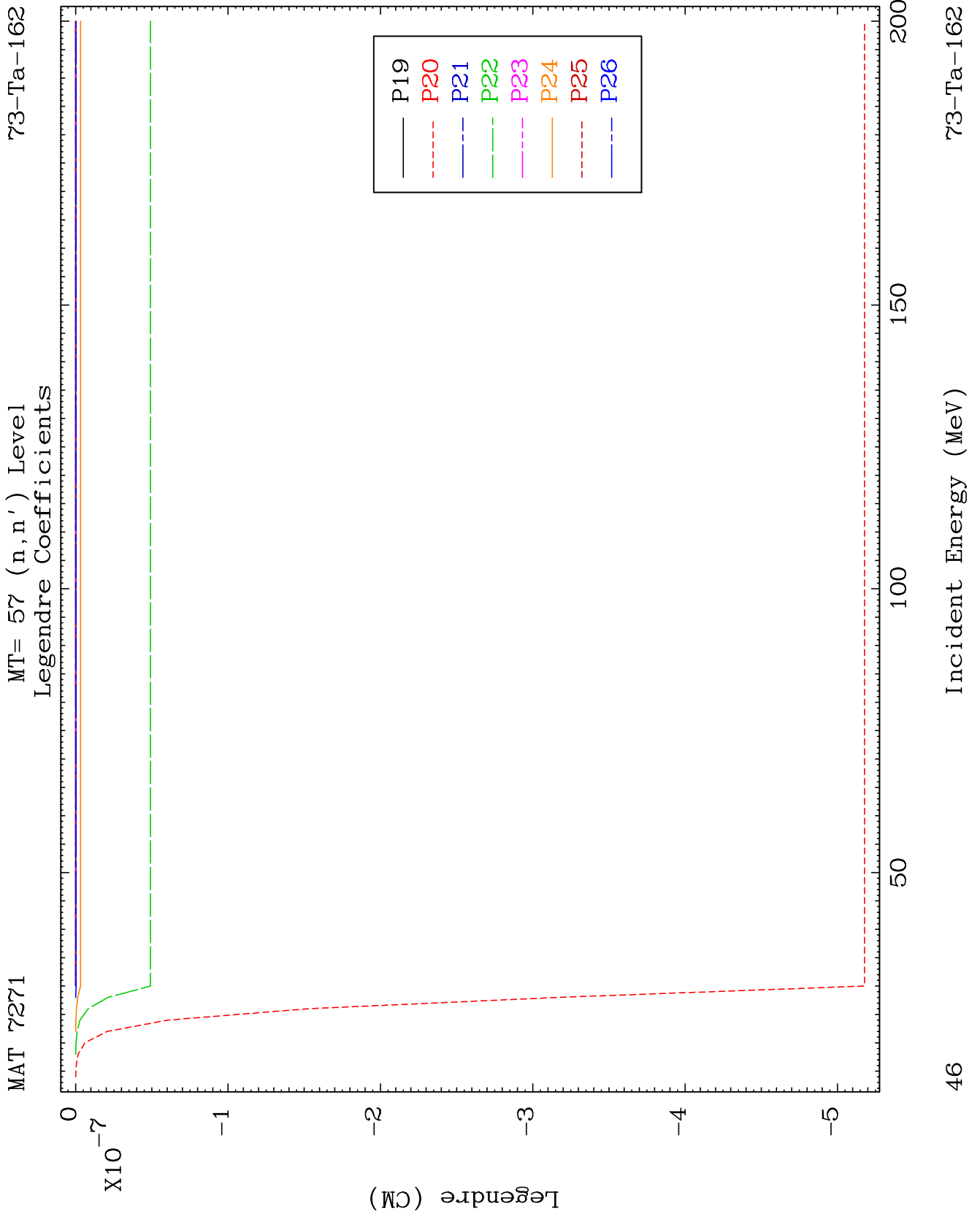
73-Ta-162



73-Ta-162

Incident Energy (MeV)

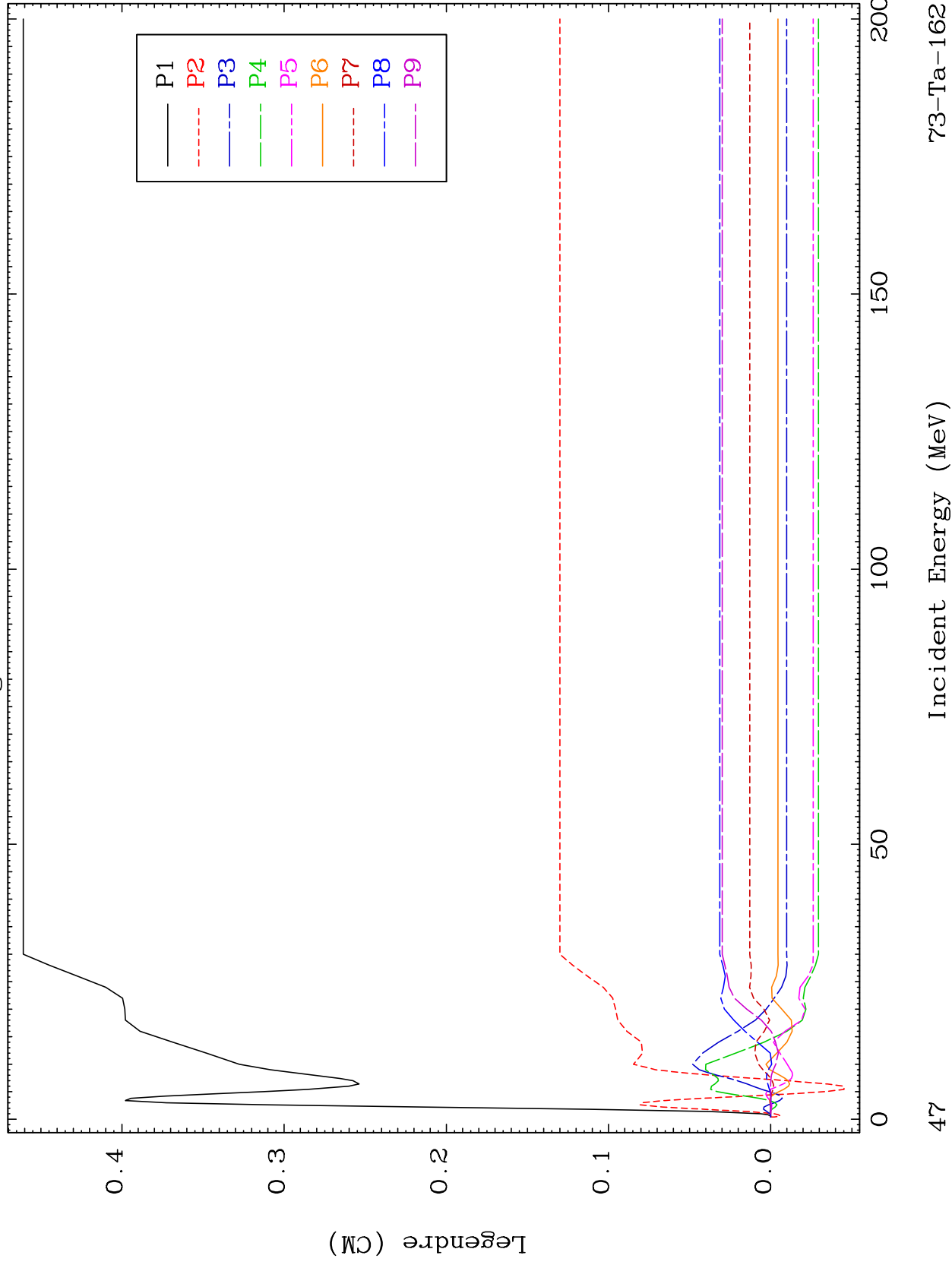
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MAT 7271

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

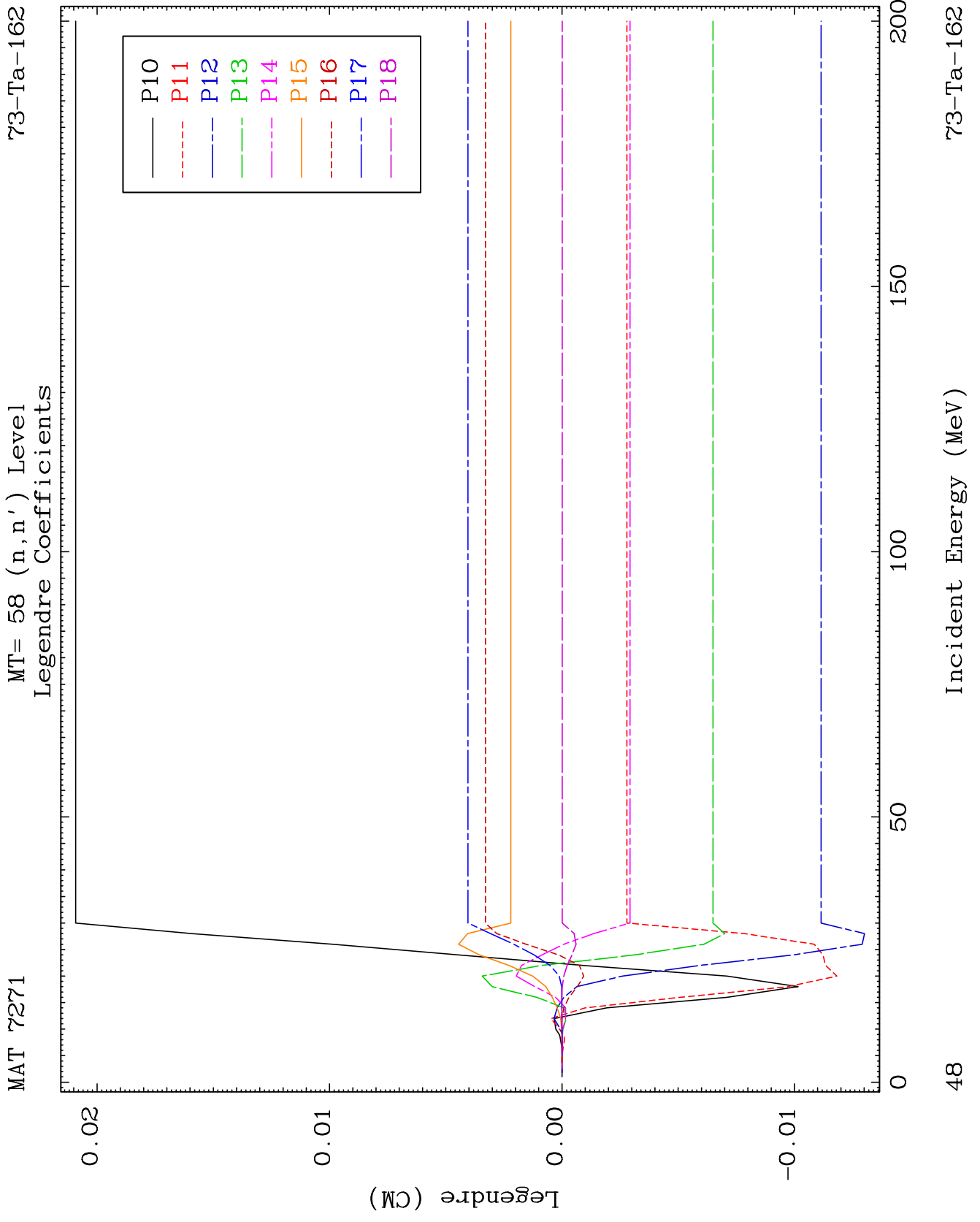
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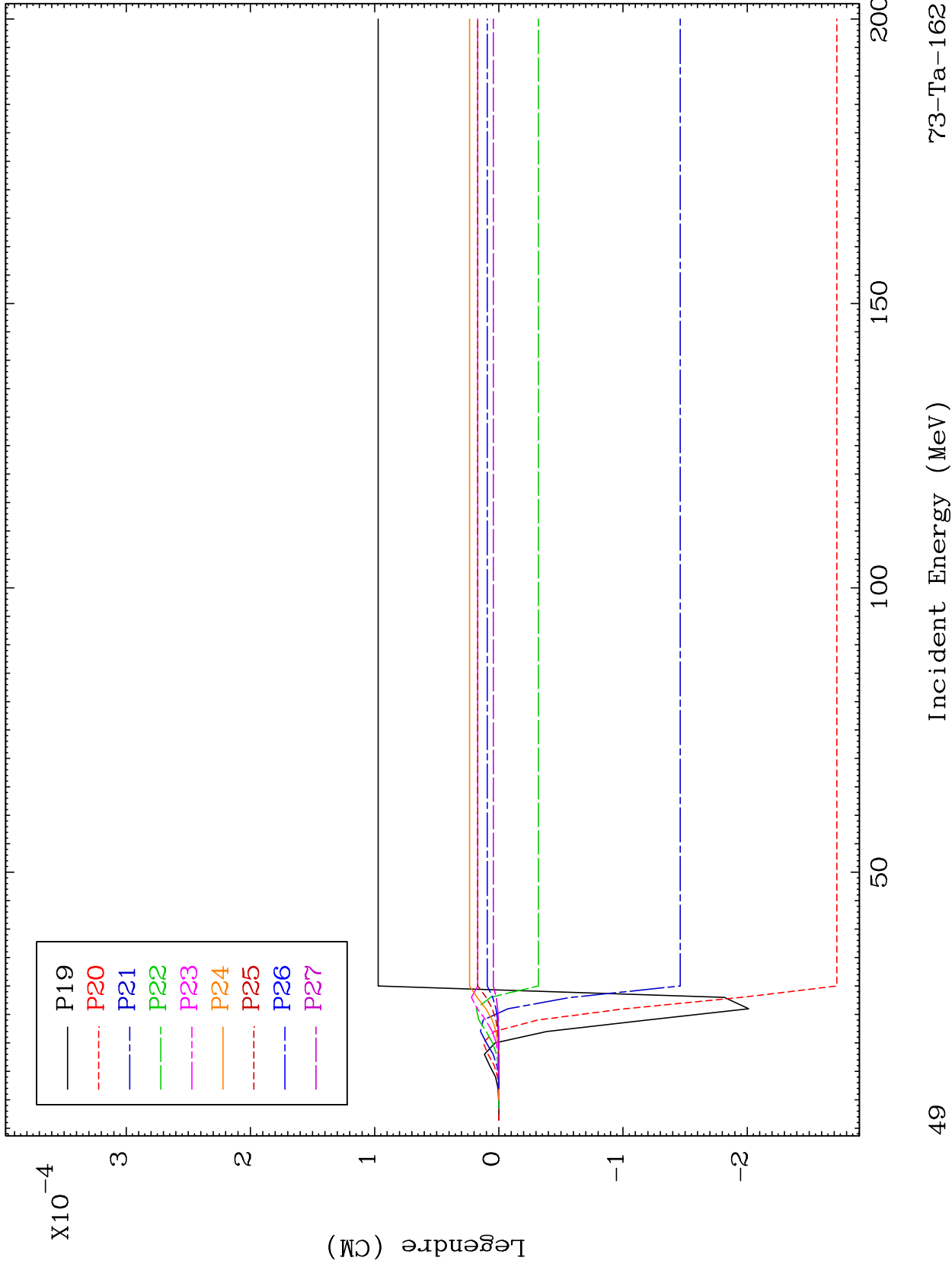


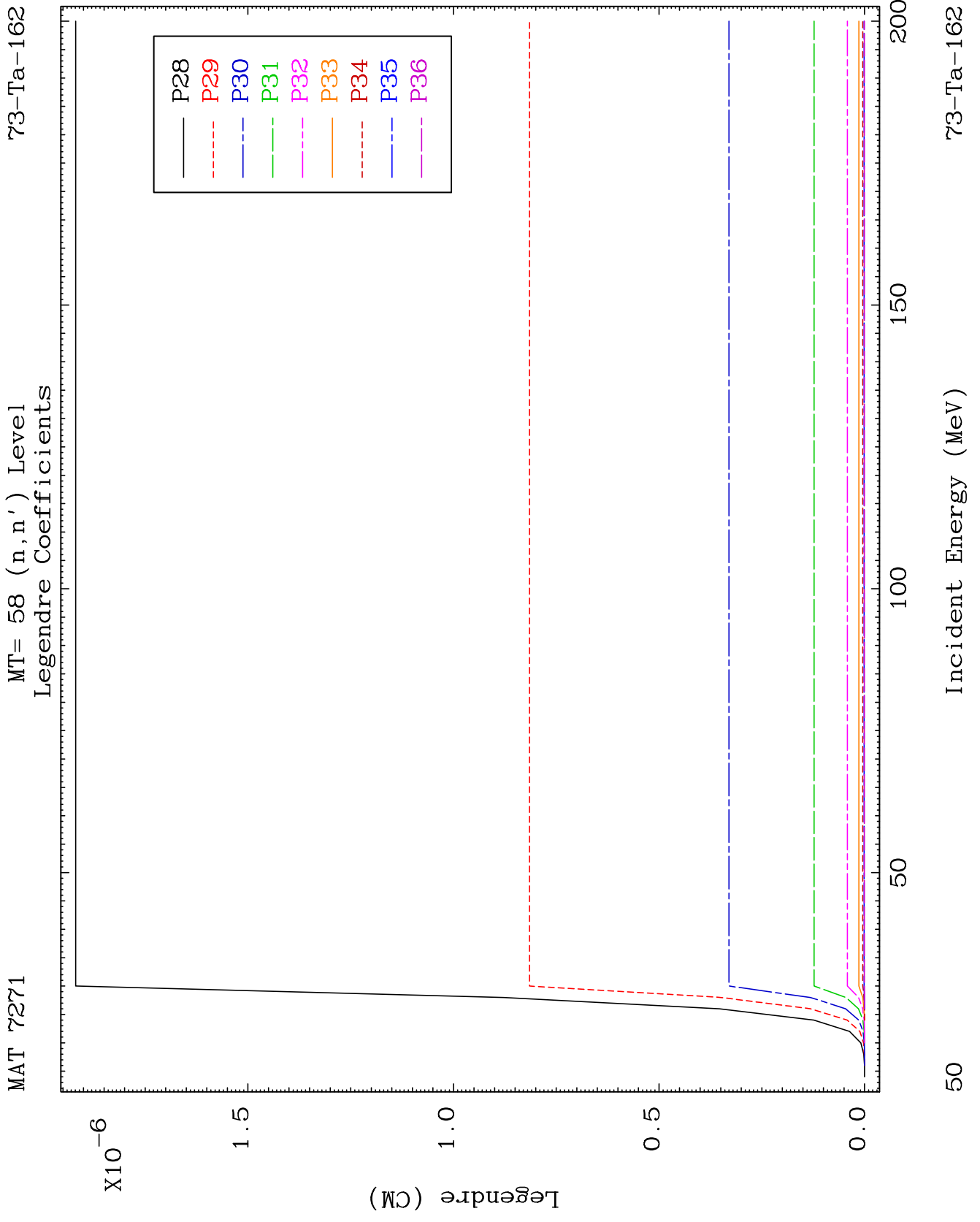
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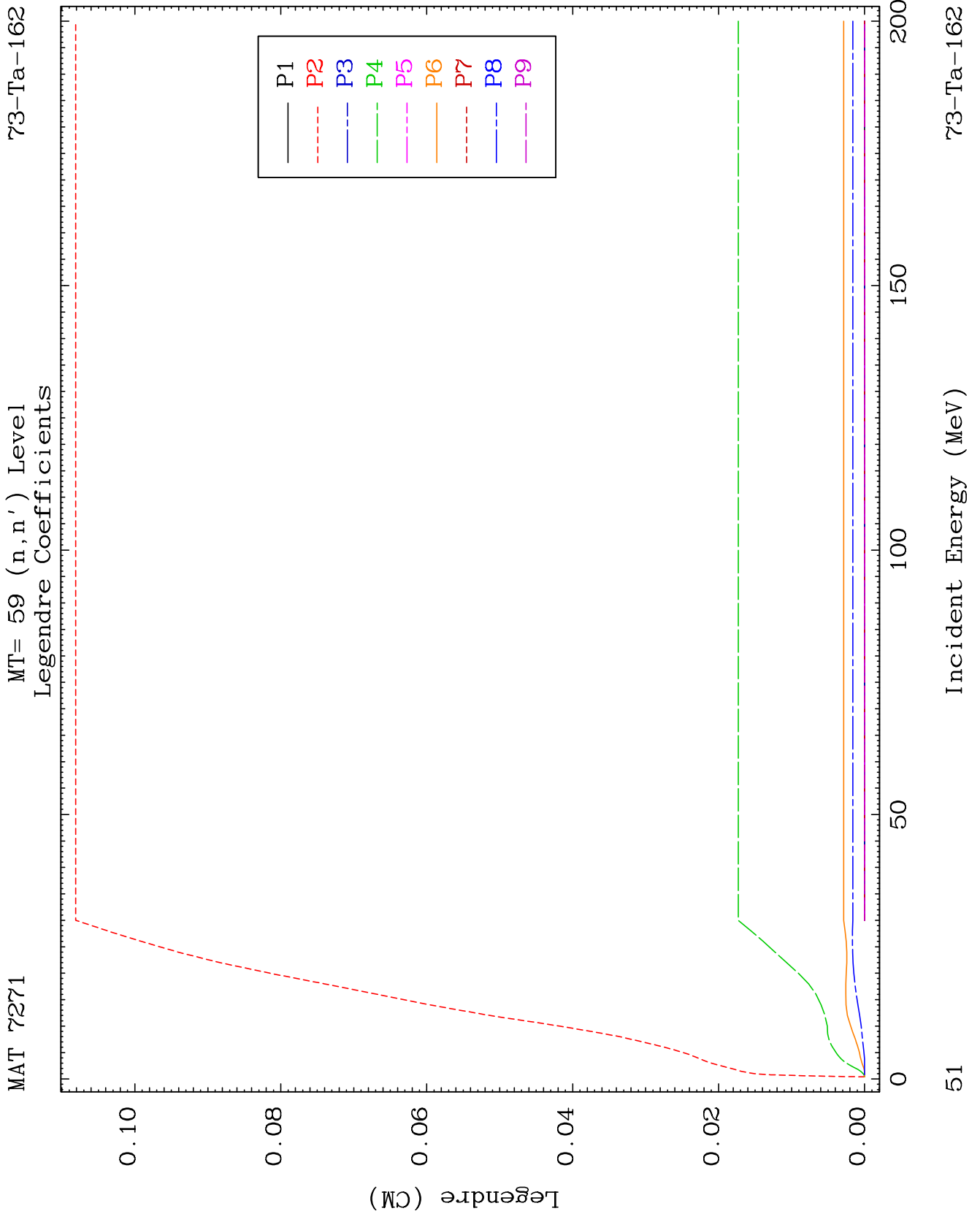
Incident Energy (MeV)

47





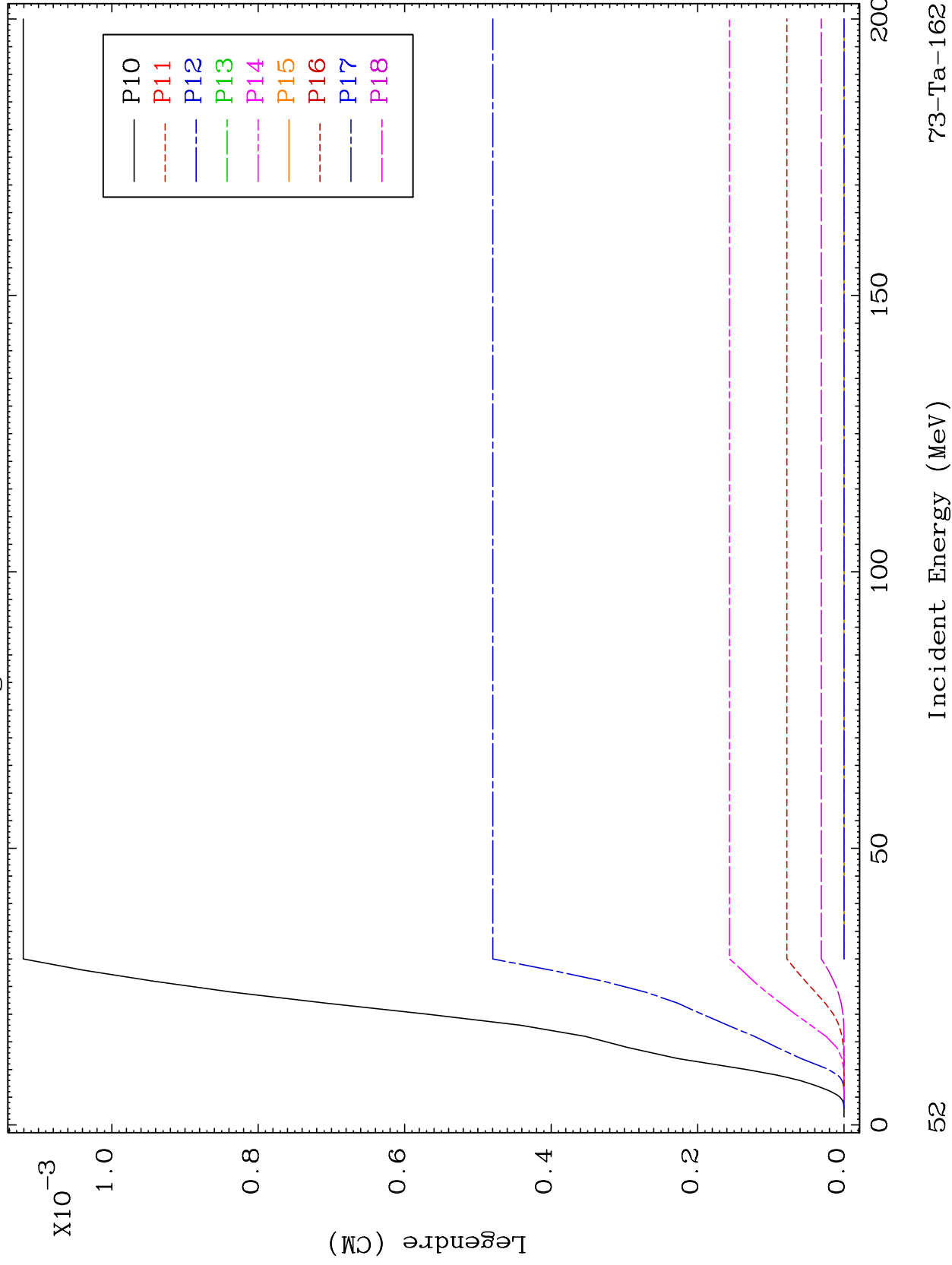


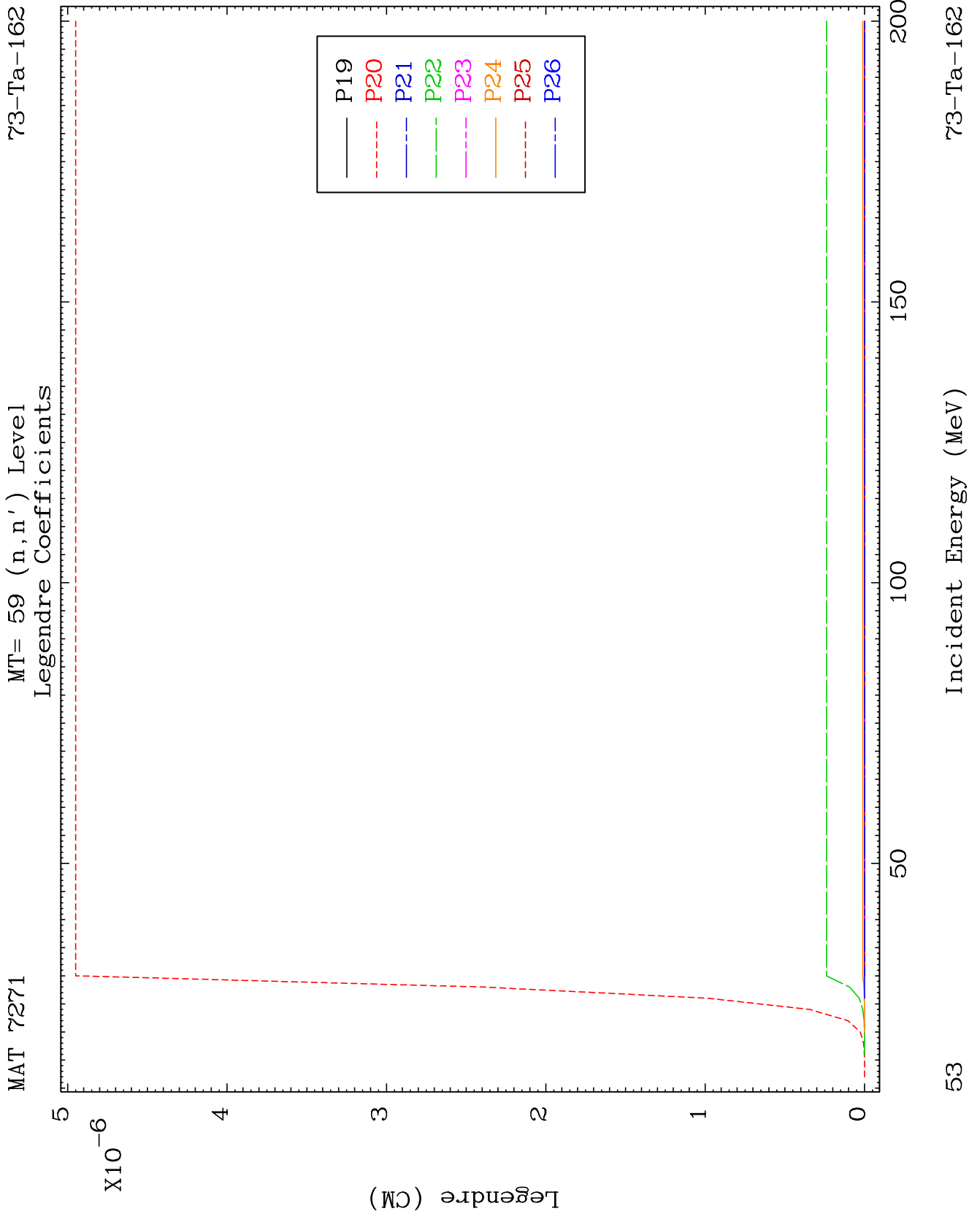


MAT 7271

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

73-Ta-162

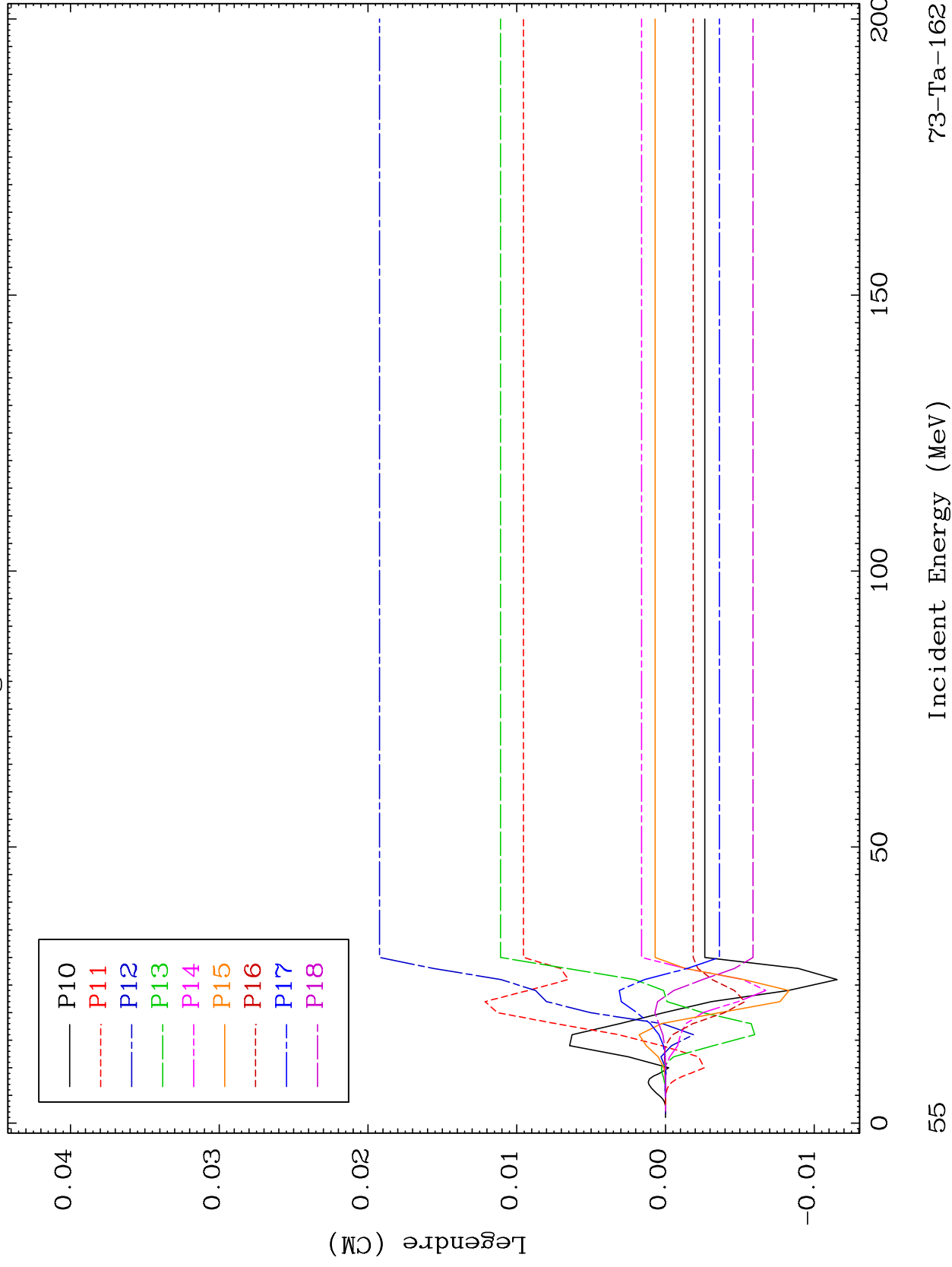




MAT 7271

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

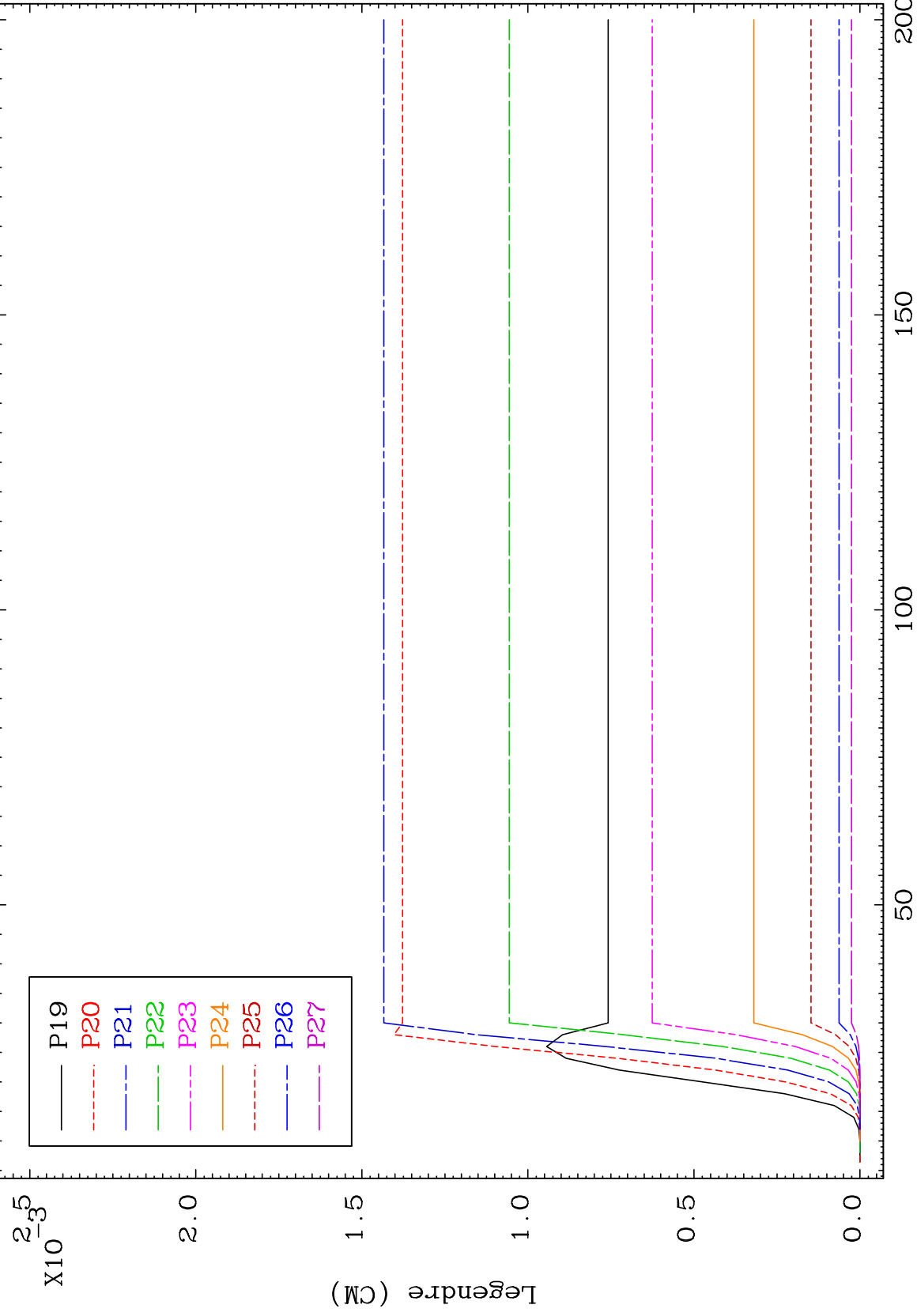
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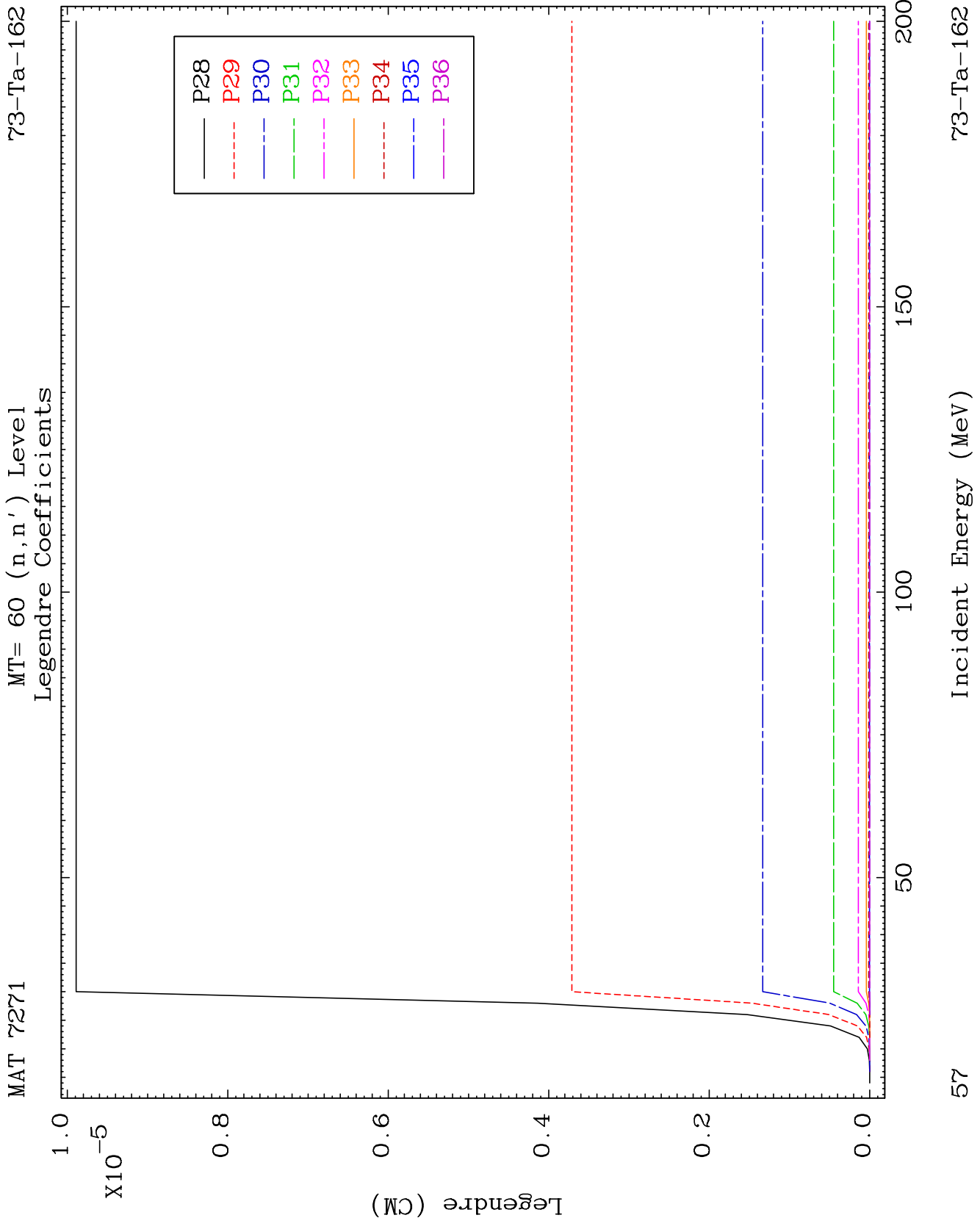


73-Ta-162

Incident Energy (MeV)

55

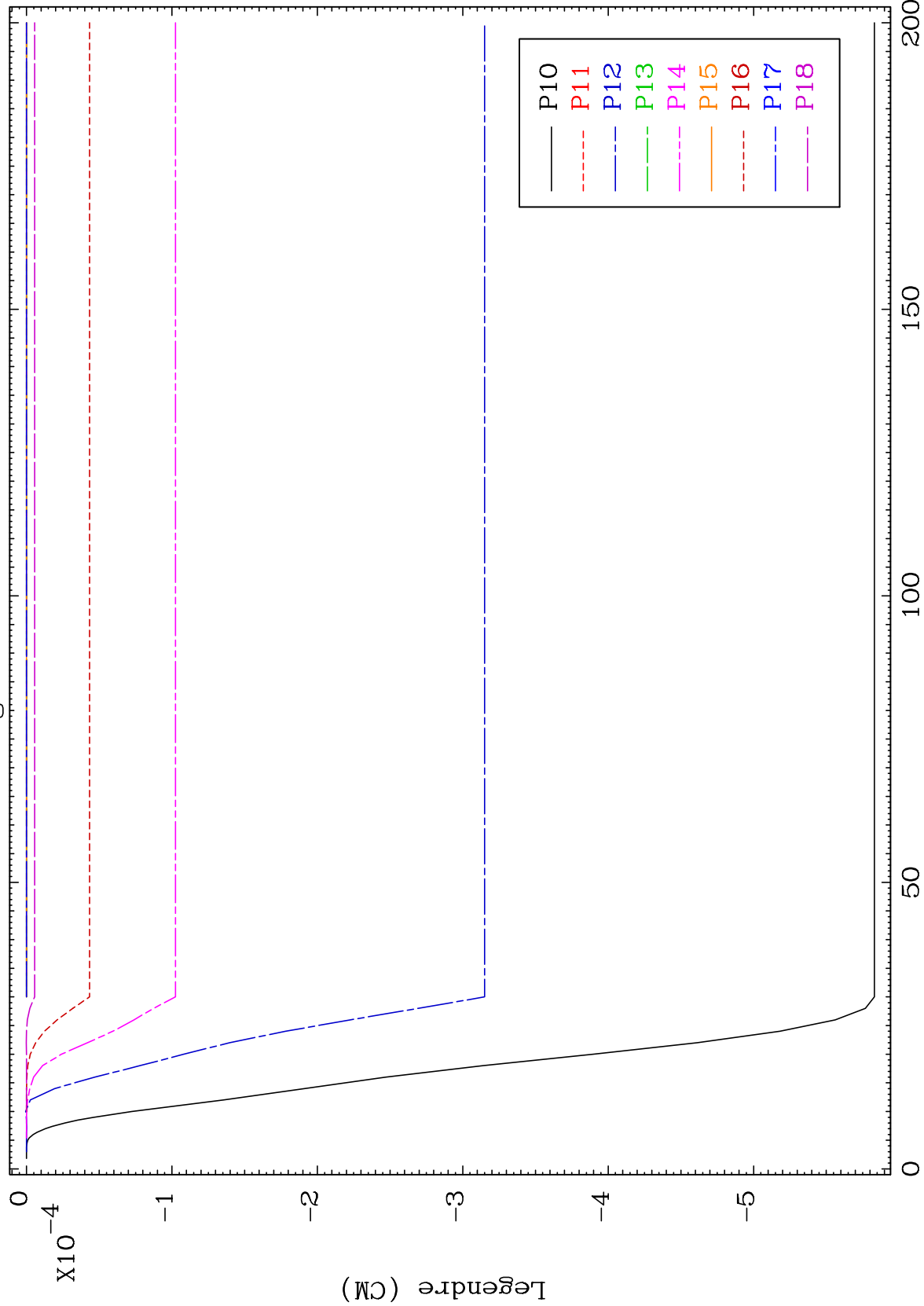




MAT 7271

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

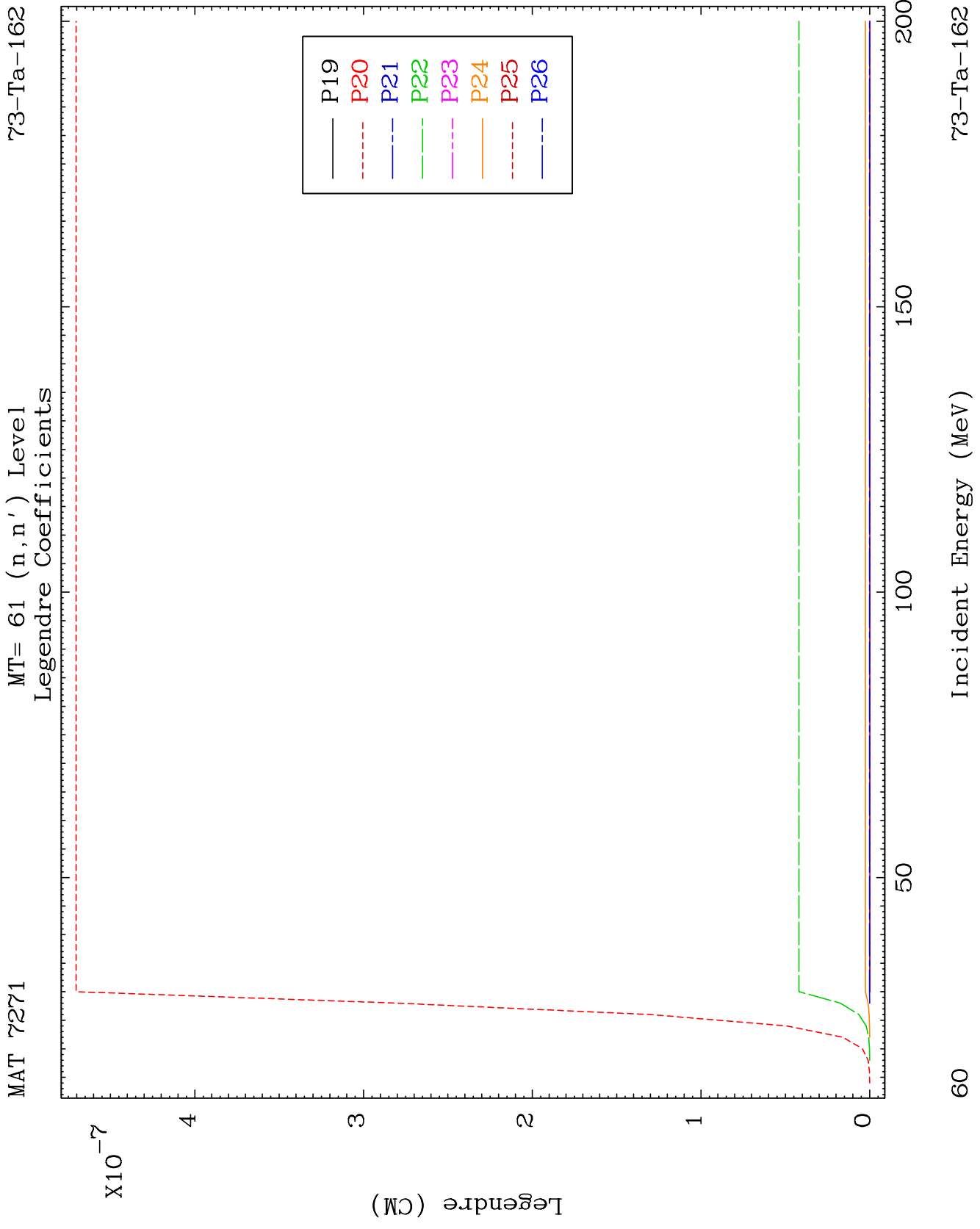
73-Ta-162



73-Ta-162

Incident Energy (MeV)

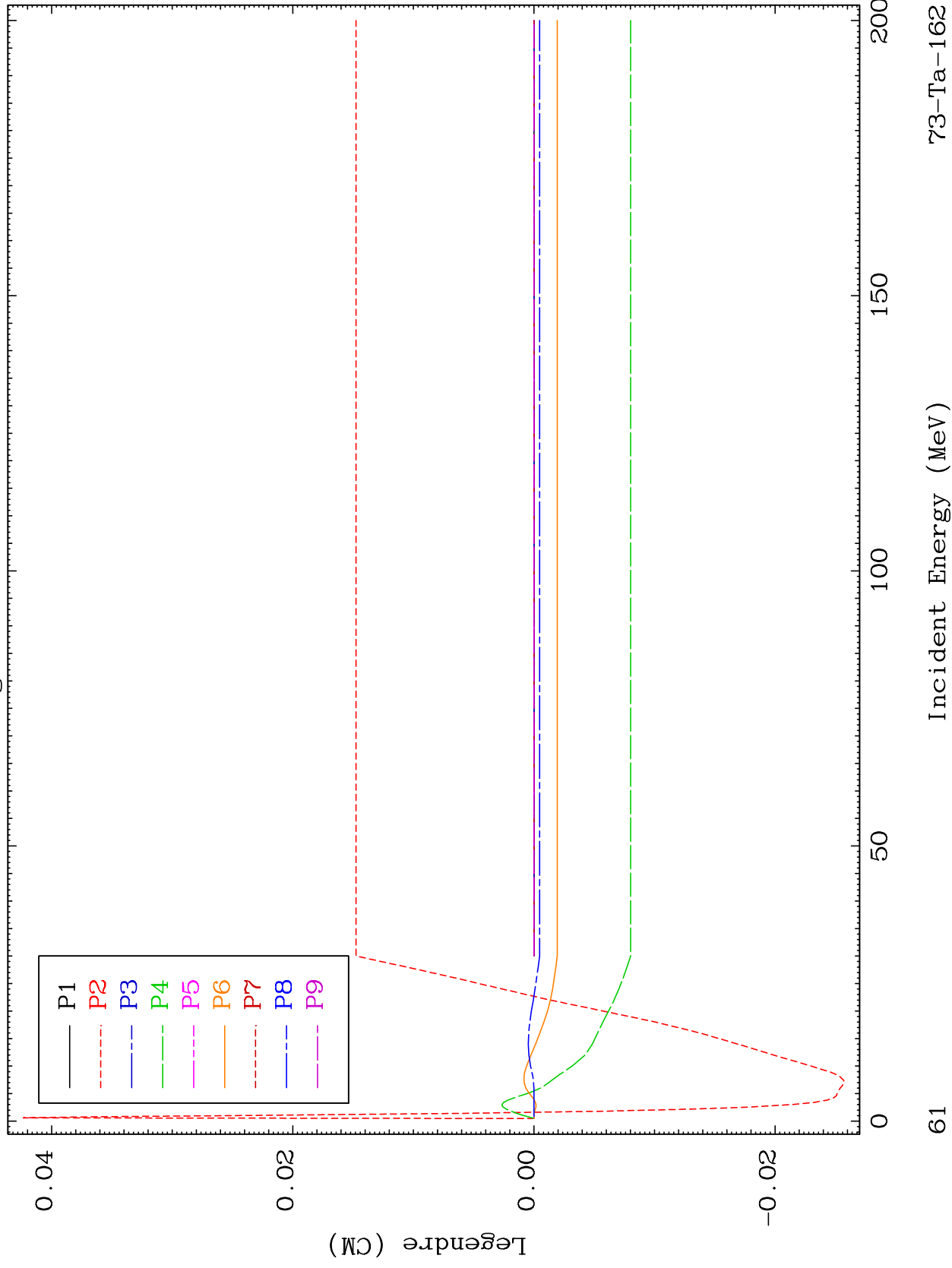
59



MAT 7271

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

73-Ta-162



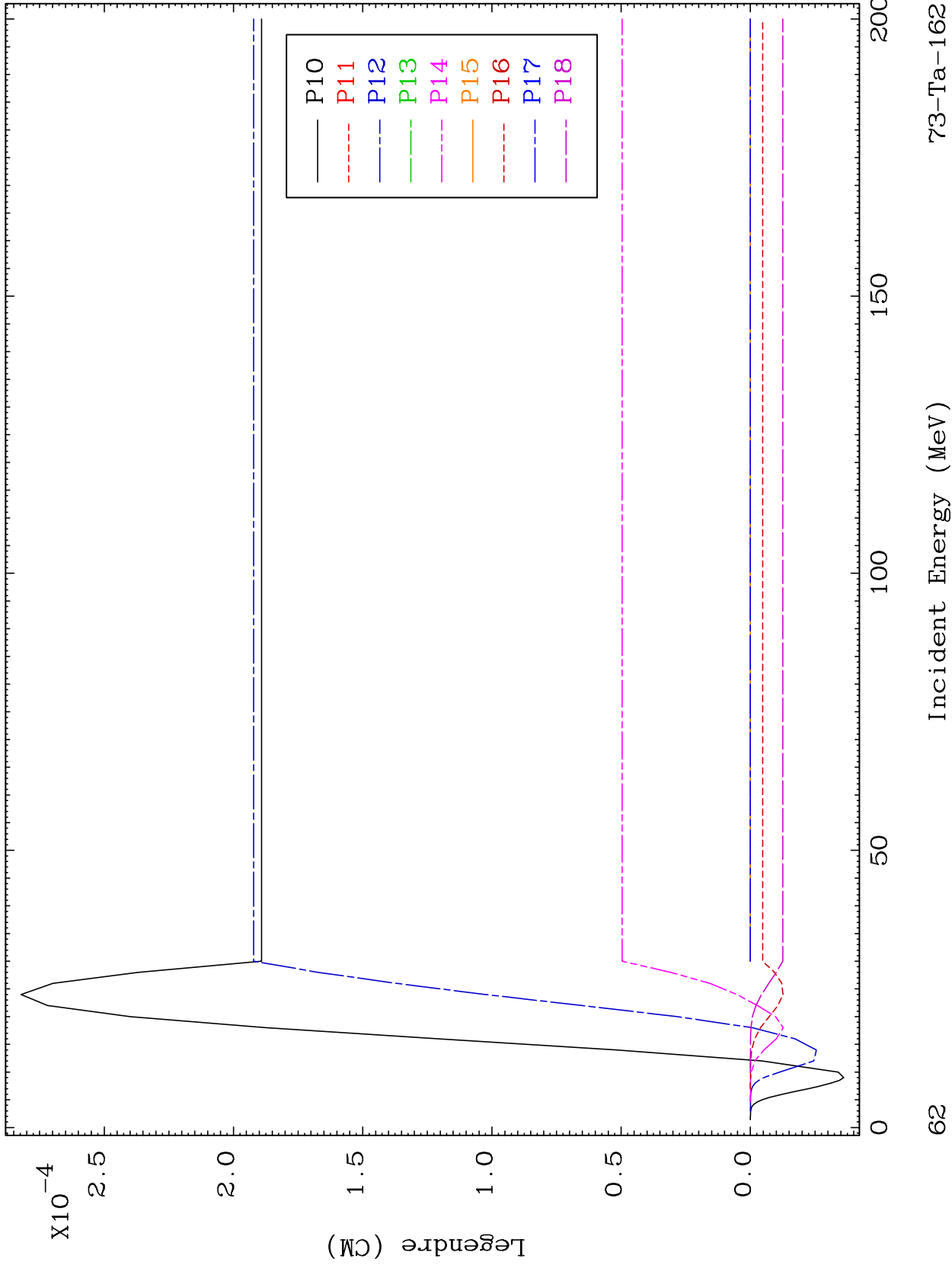
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73-Ta-162

MAT 7271

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

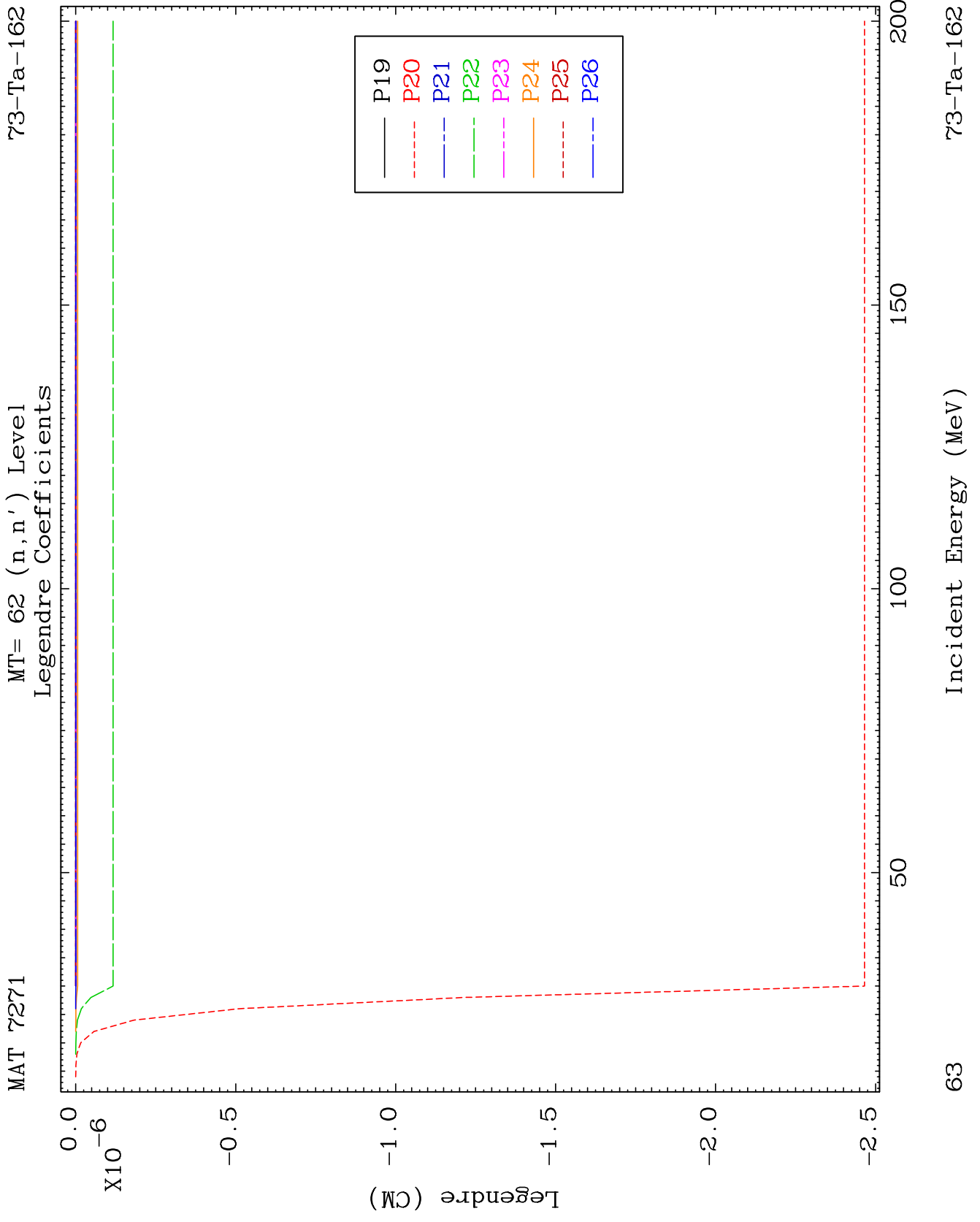
73-Ta-162



62

Incident Energy (MeV)

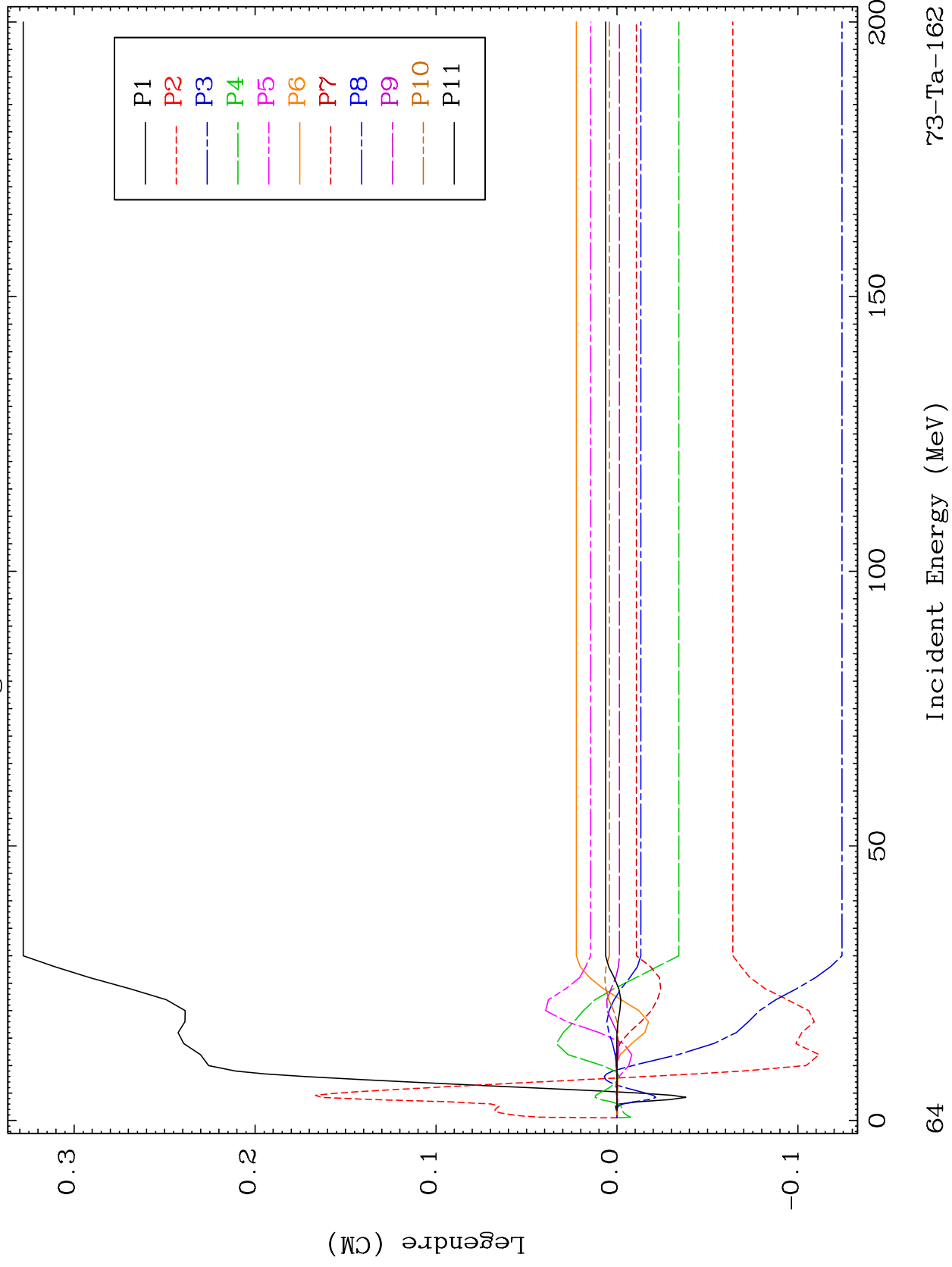
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

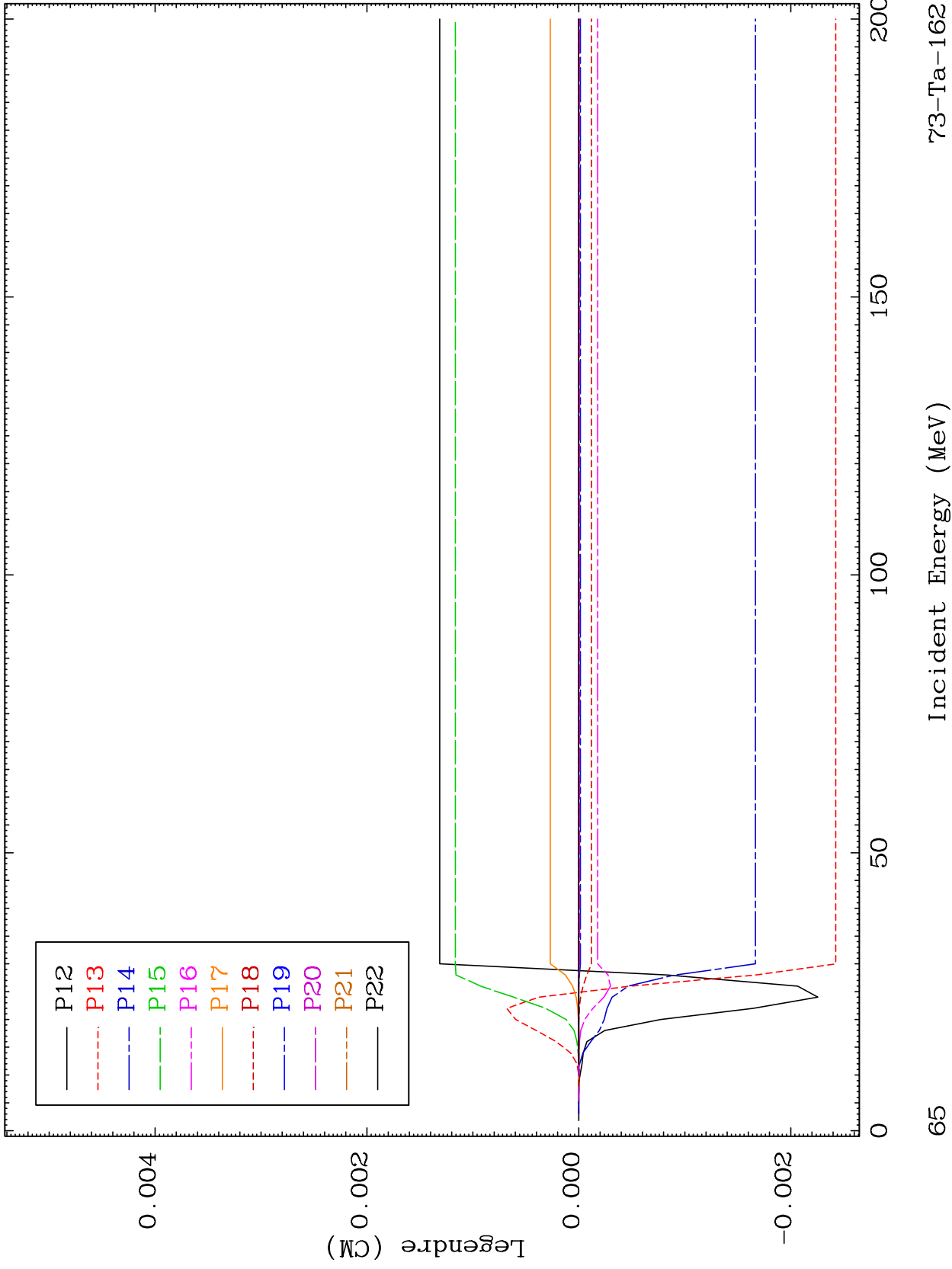
Incident Energy (MeV)

64

MAT 7271

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

73-Ta-162



65

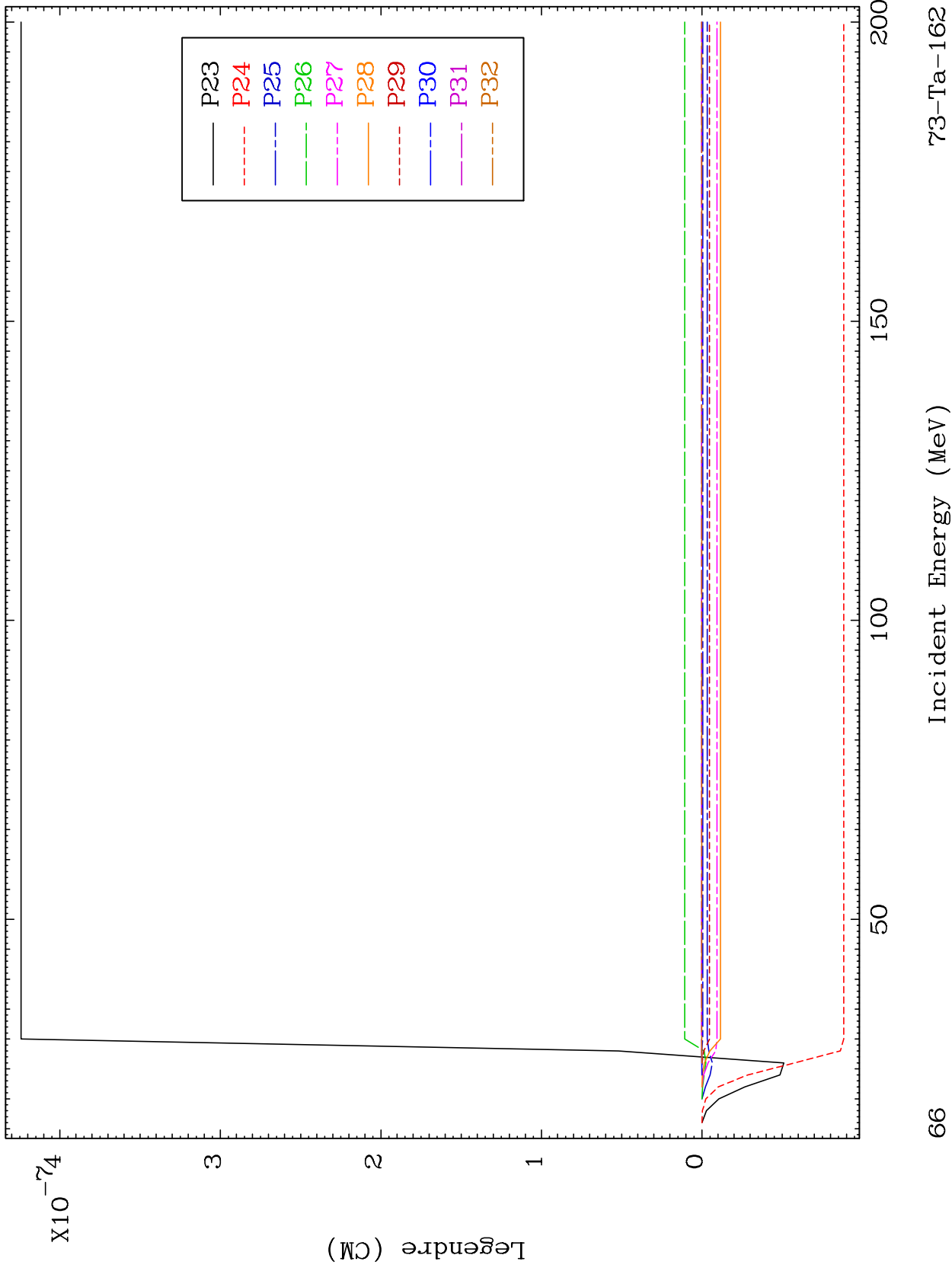
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

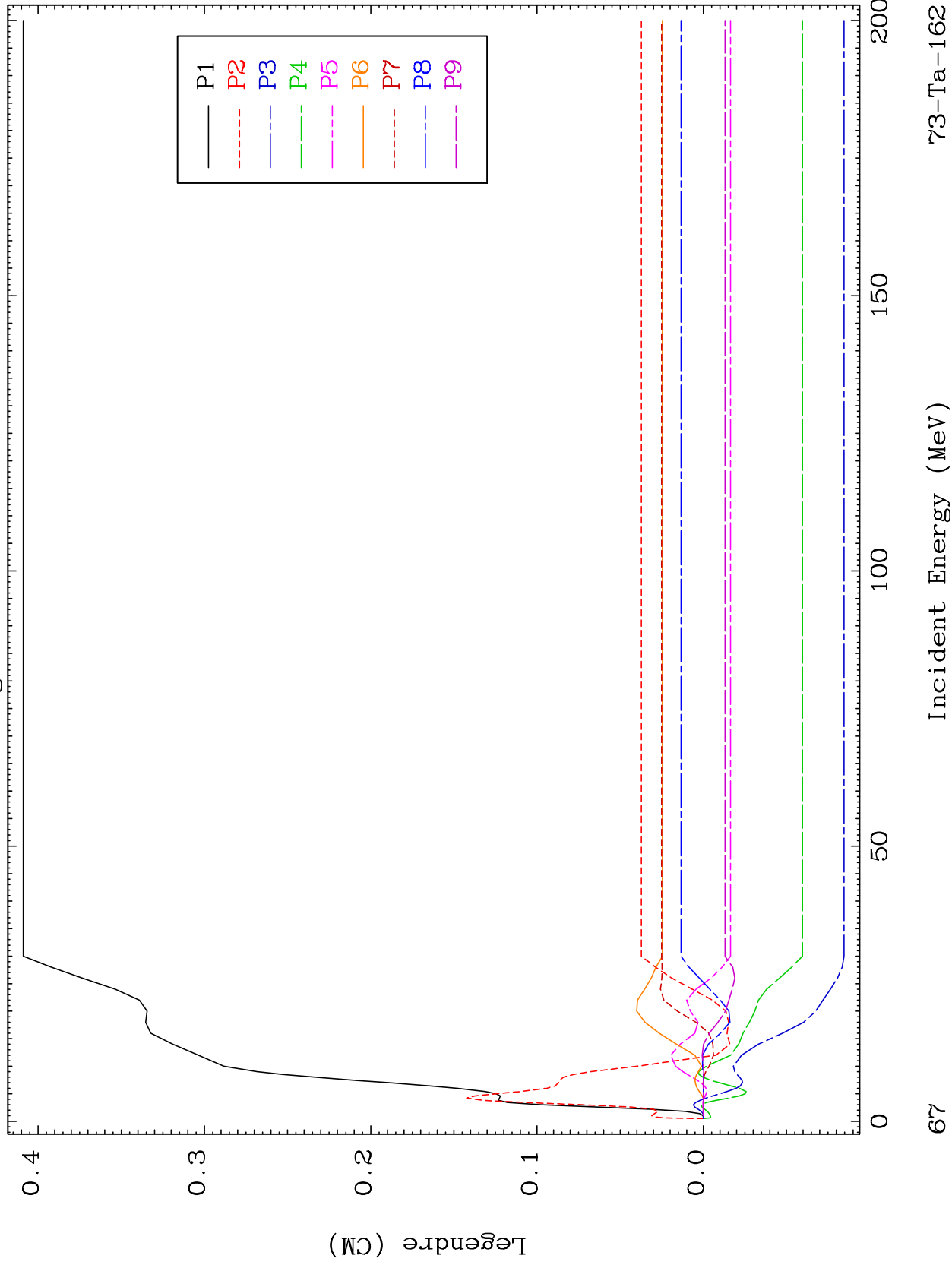
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

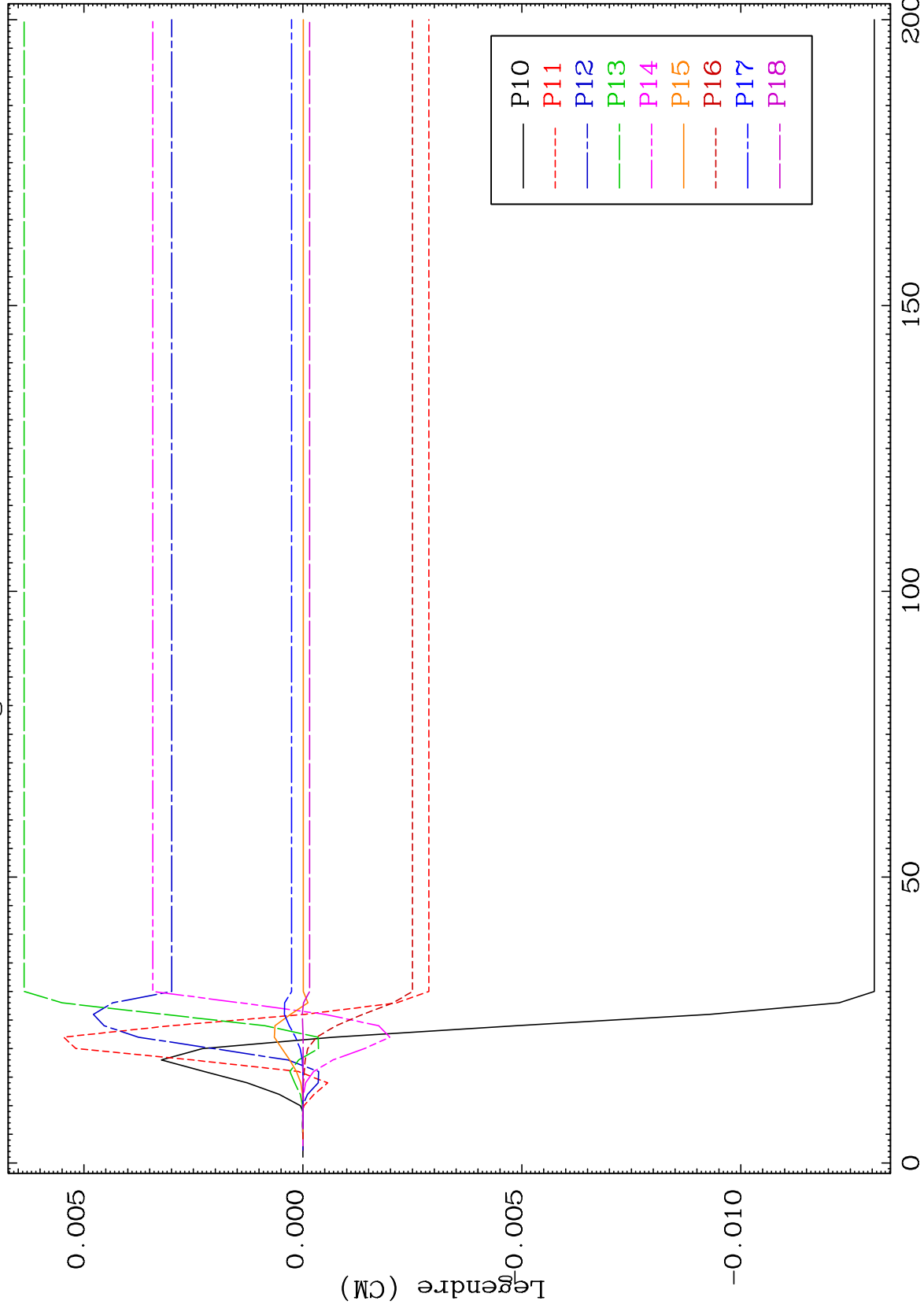
Incident Energy (MeV)

67

MAT 7271

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

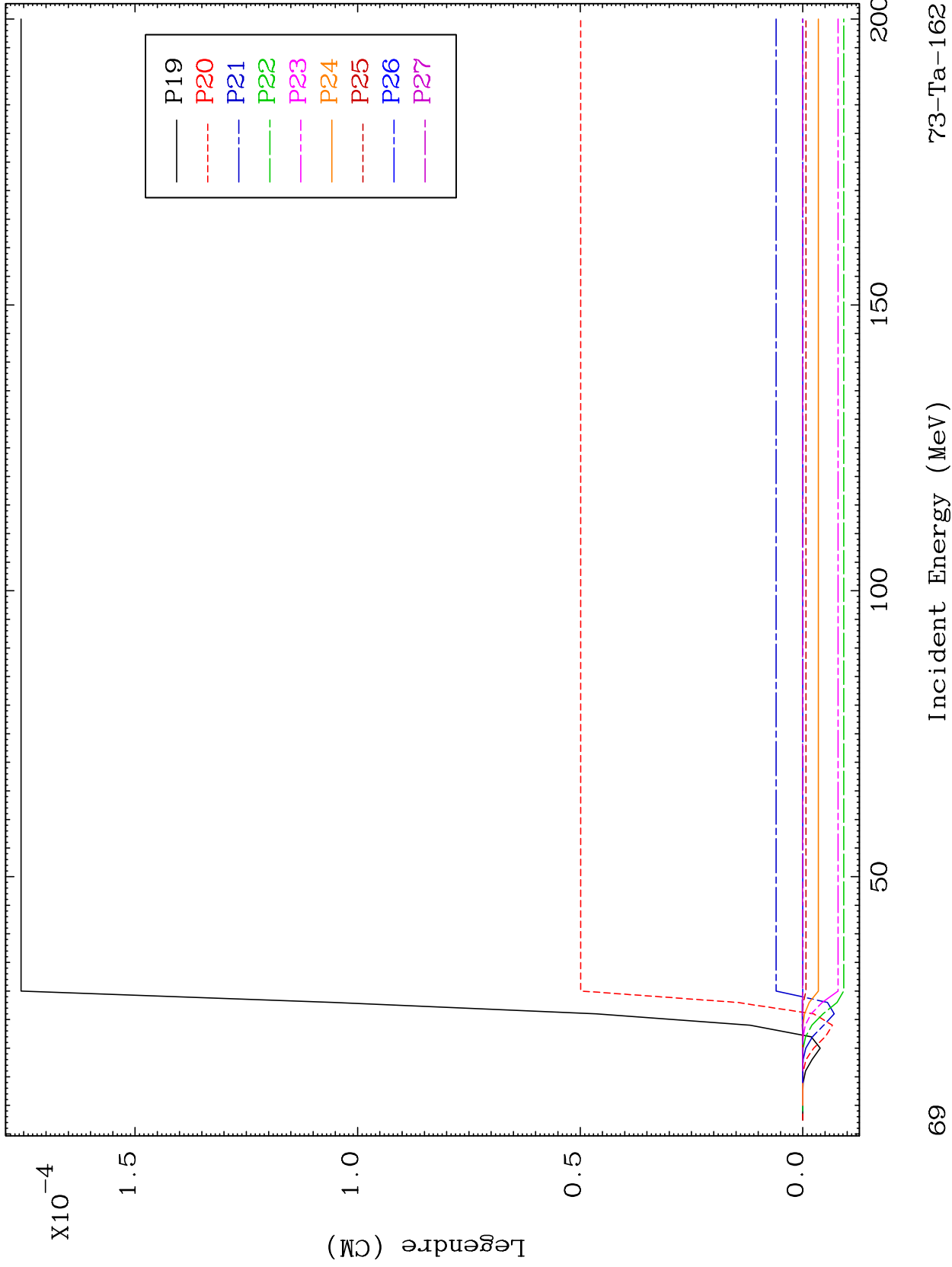
73-Ta-162



68

Incident Energy (MeV)

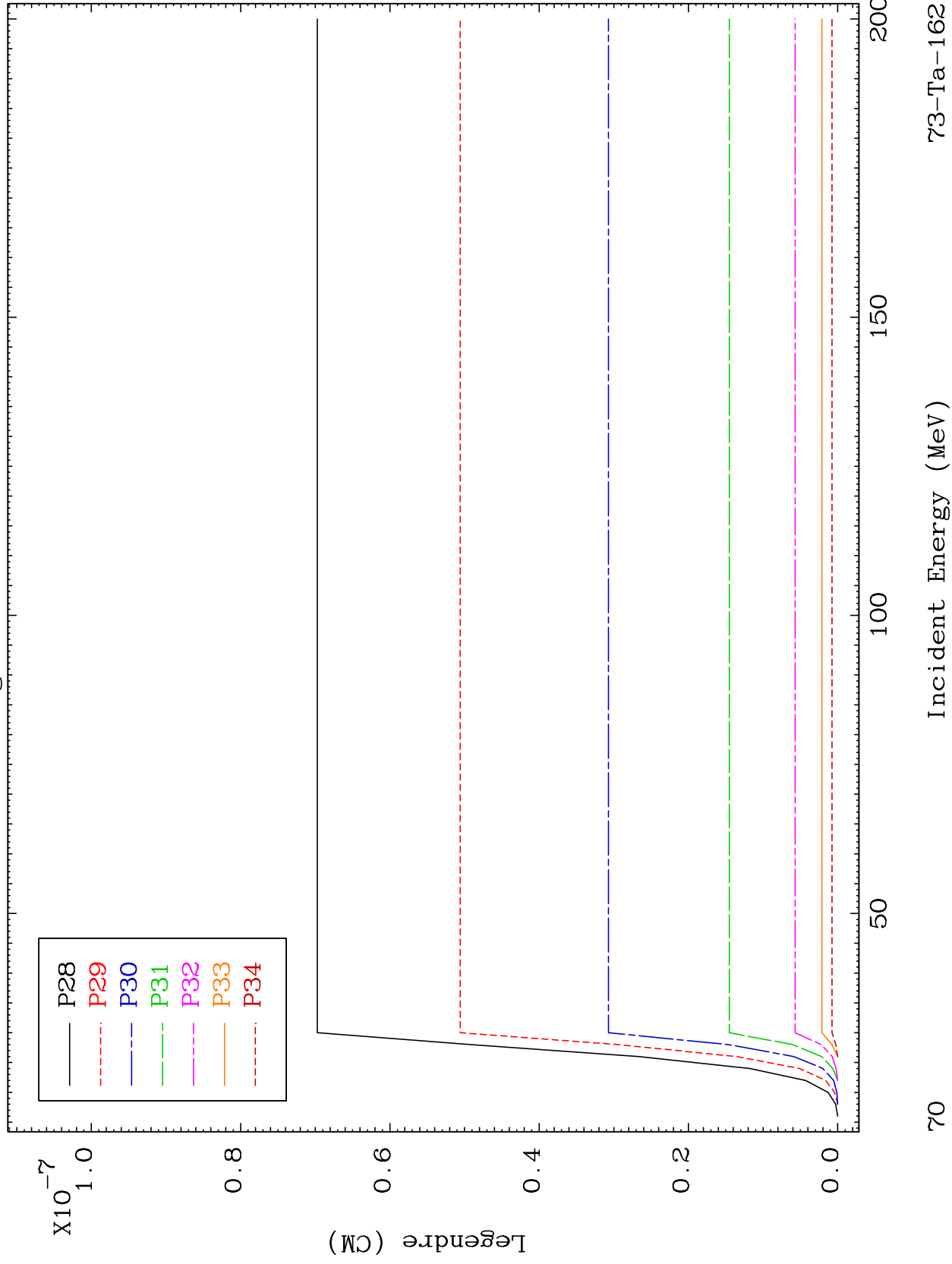
73-Ta-162



MAT 7271

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

⁷³Ta-162



70

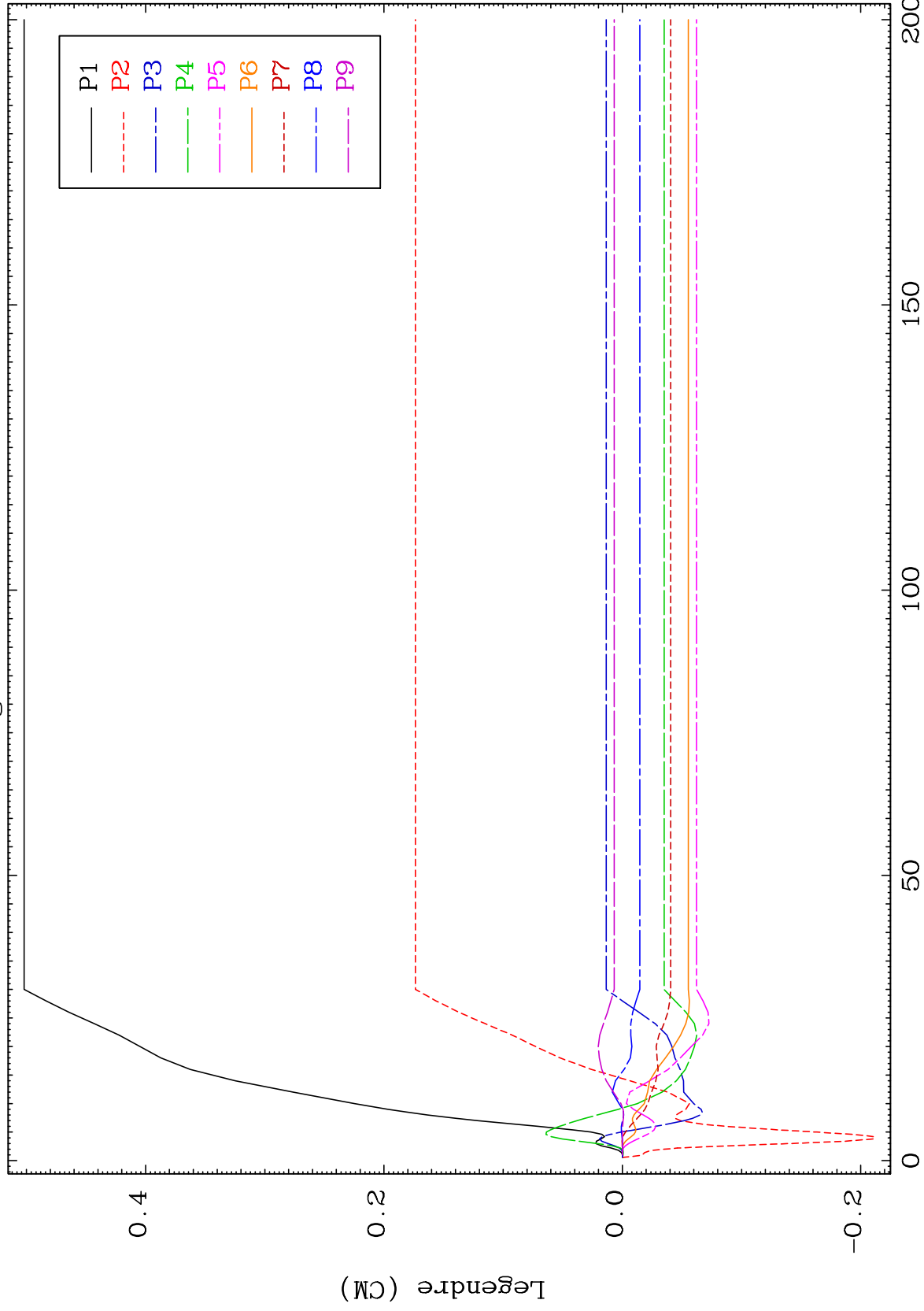
Incident Energy (MeV)

⁷³Ta-162

MAT 7271

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

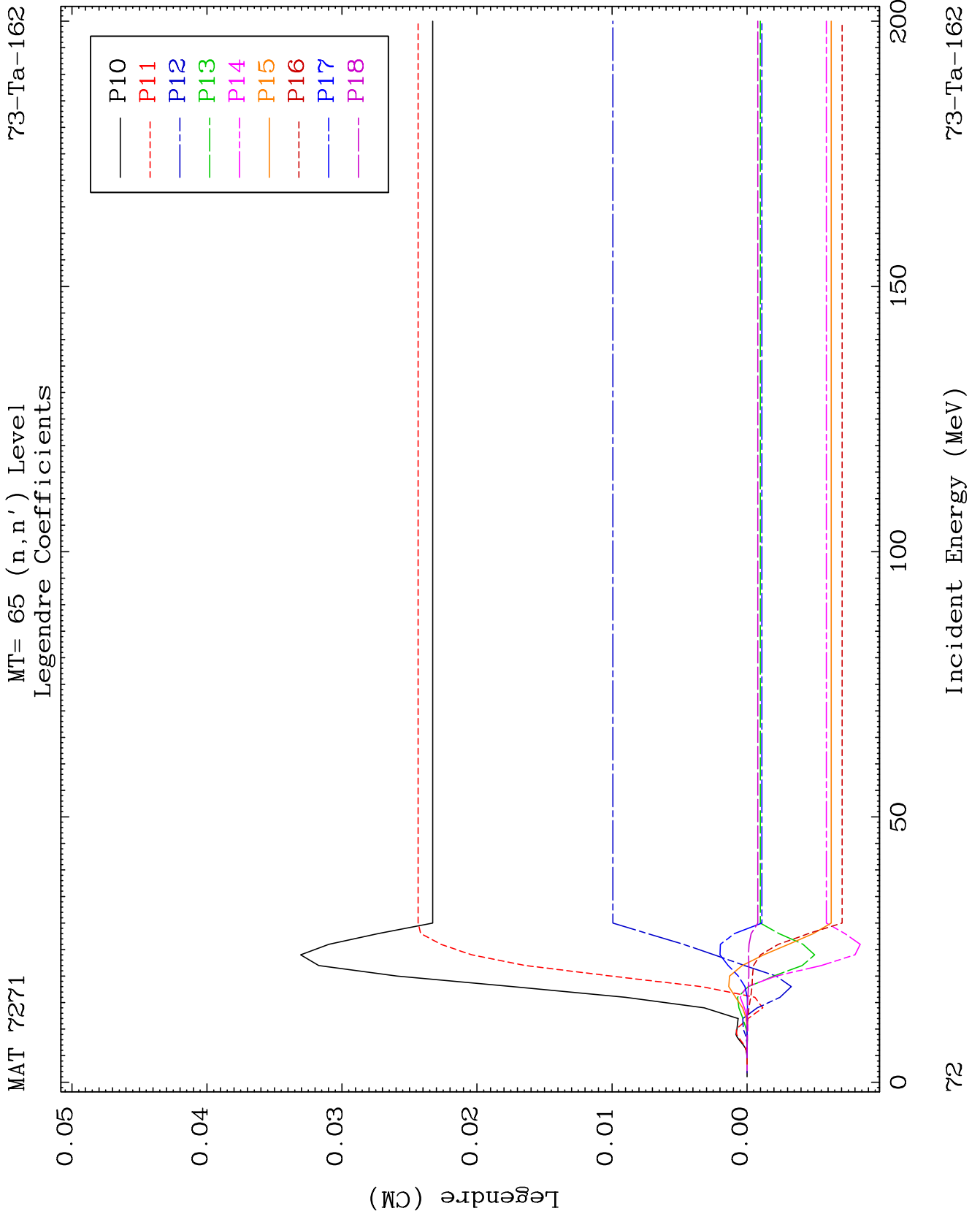
73-Ta-162

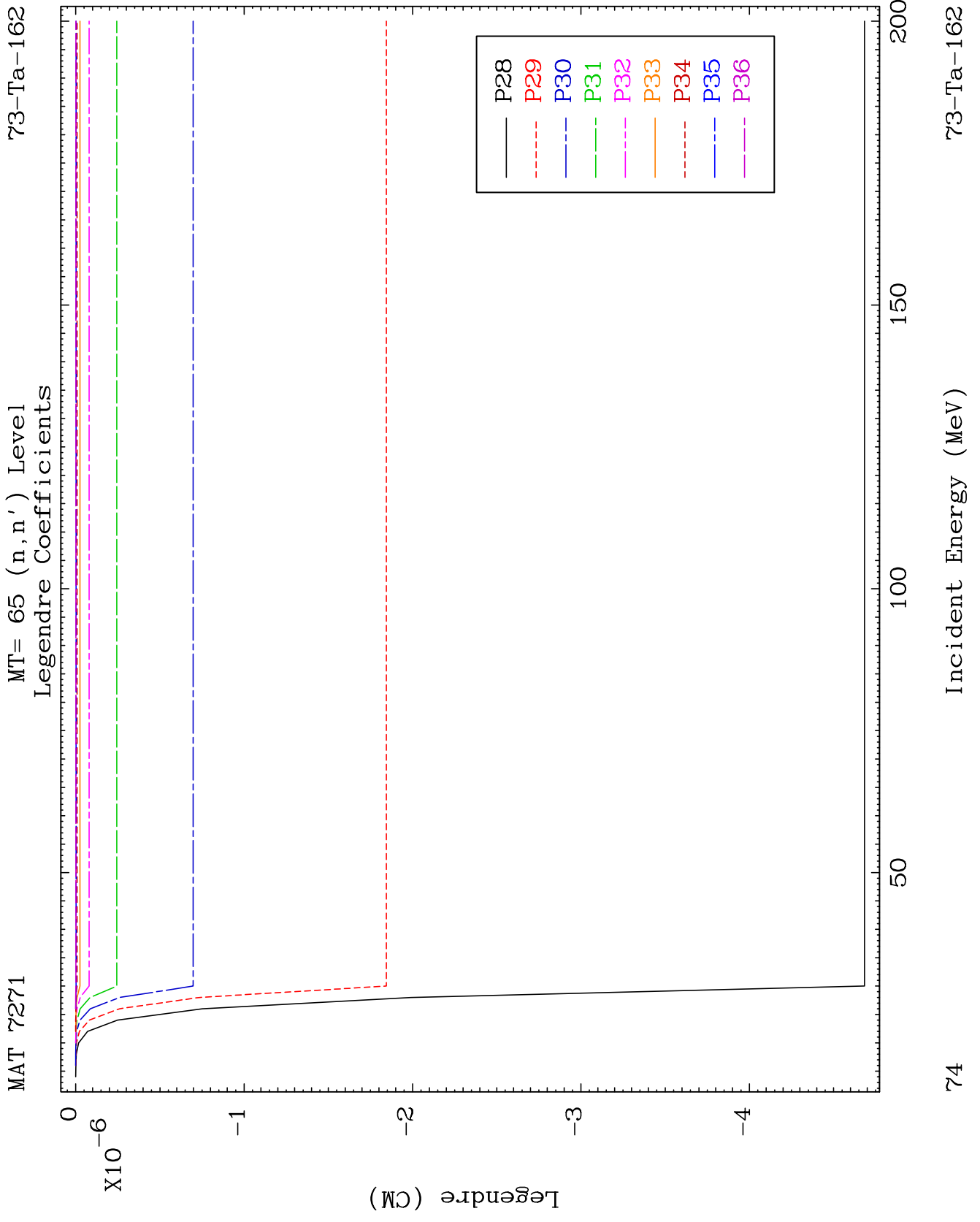


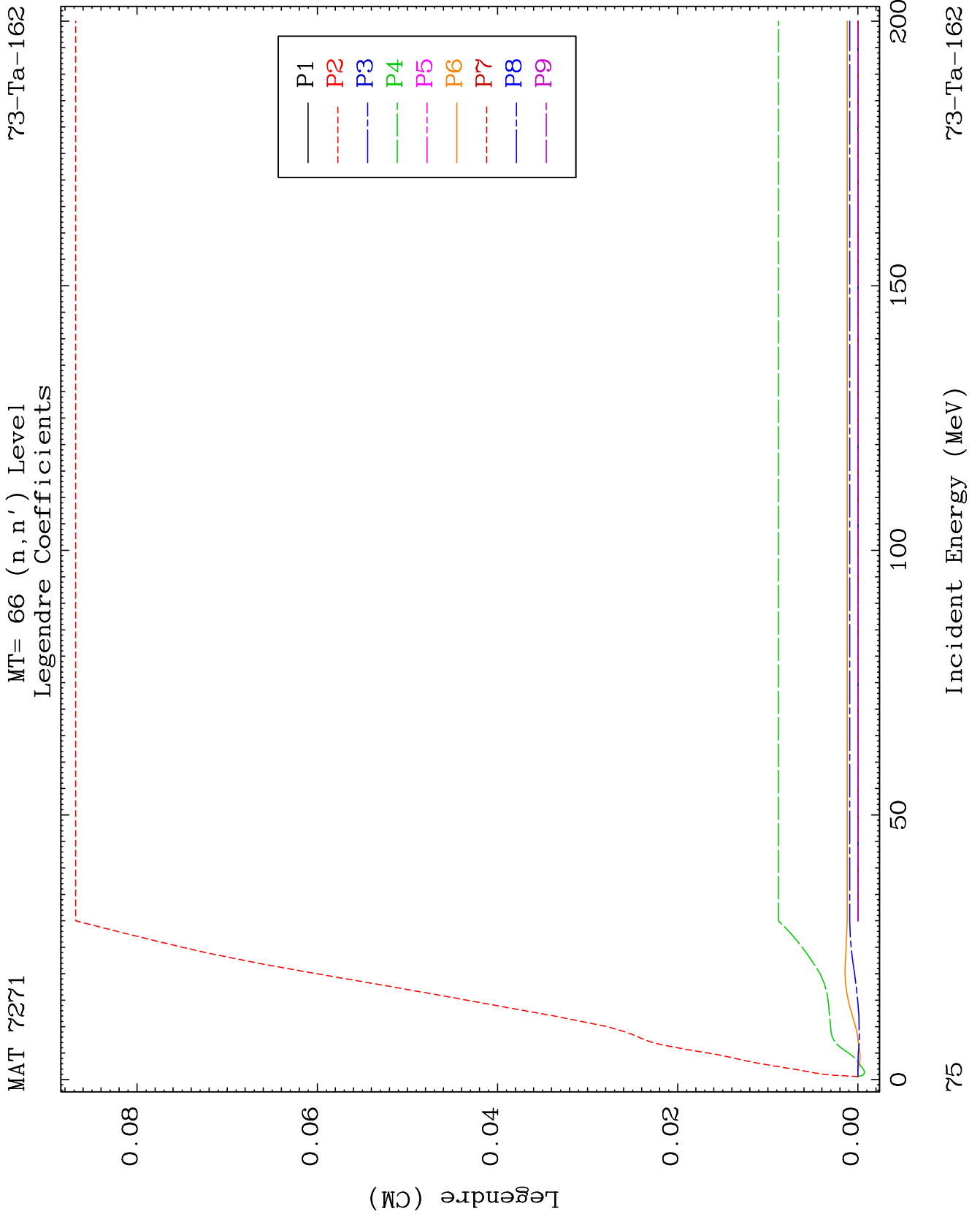
71

Incident Energy (MeV)

73-Ta-162



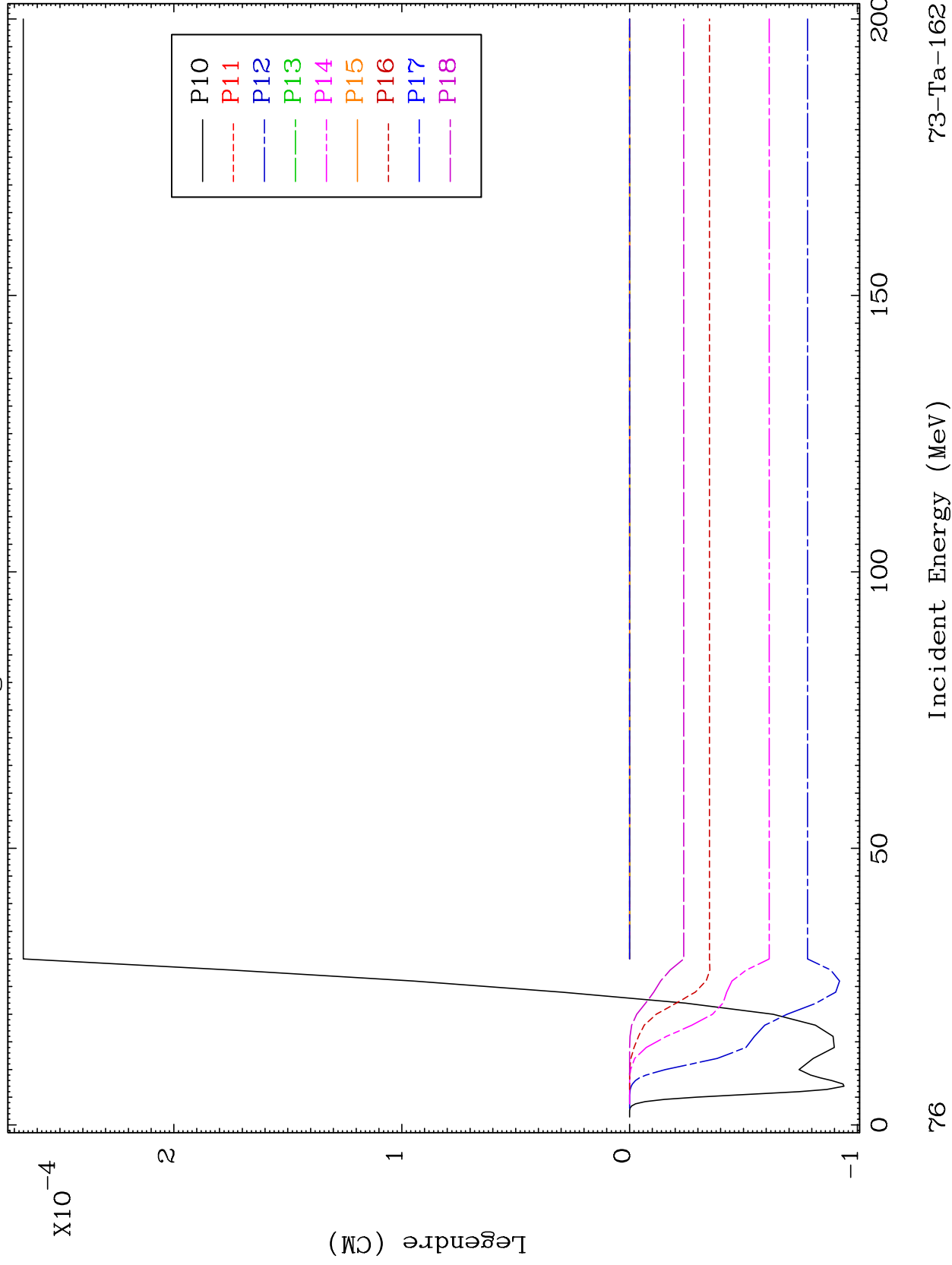


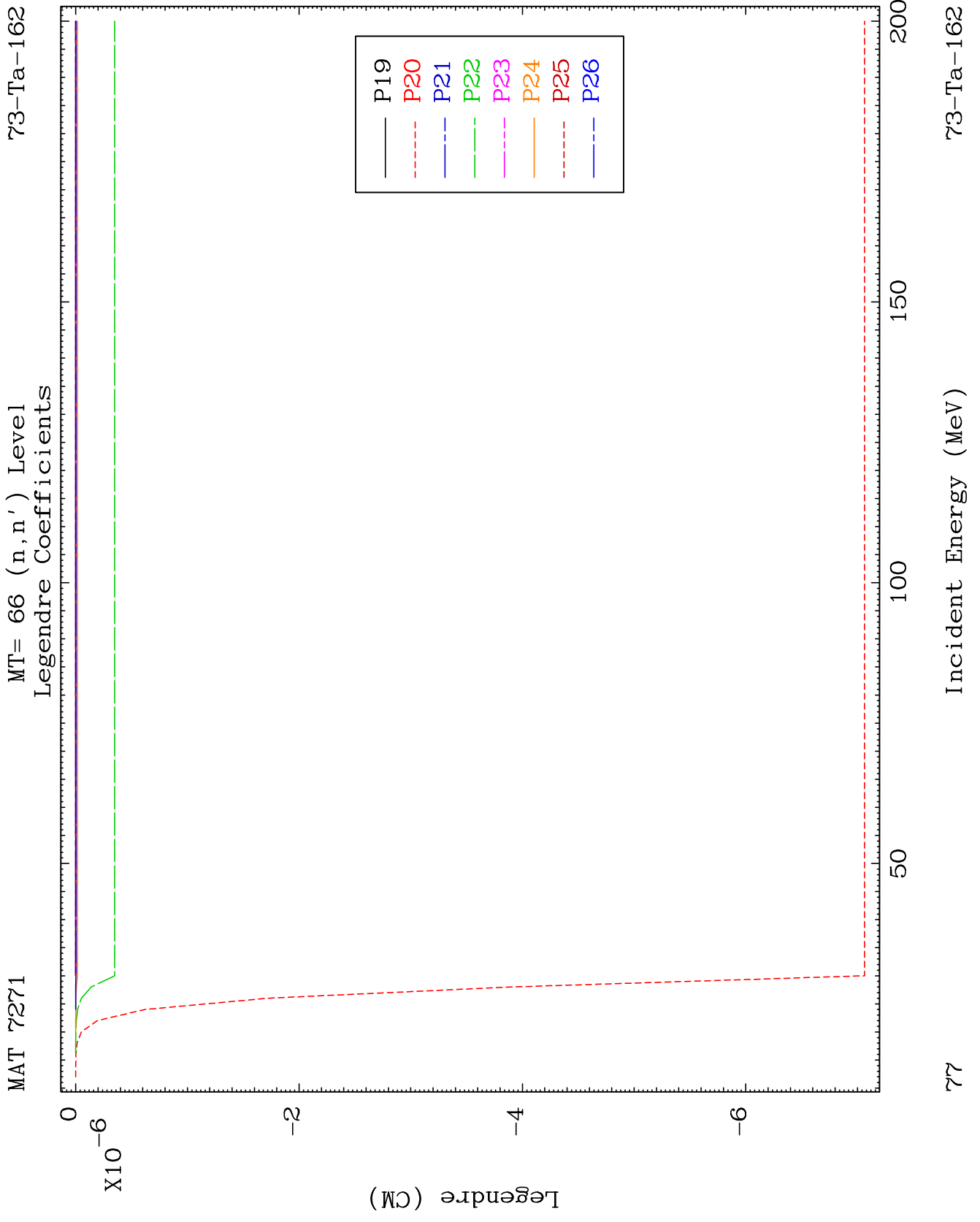


MAT 7271

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

73-Ta-162

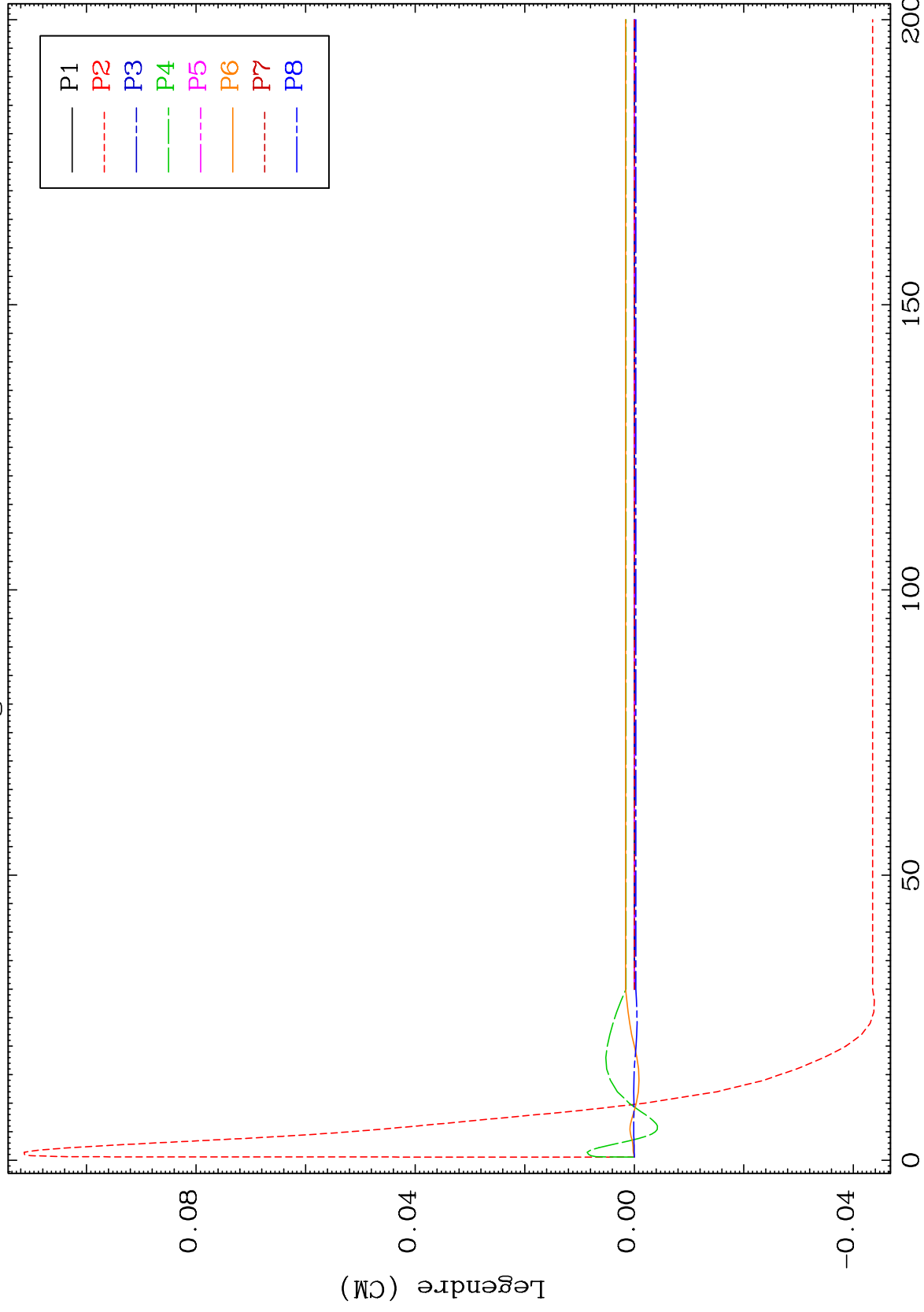




MAT 7271

MT= 67 (n,n') Level
Legendre Coefficients

73-Ta-162



78

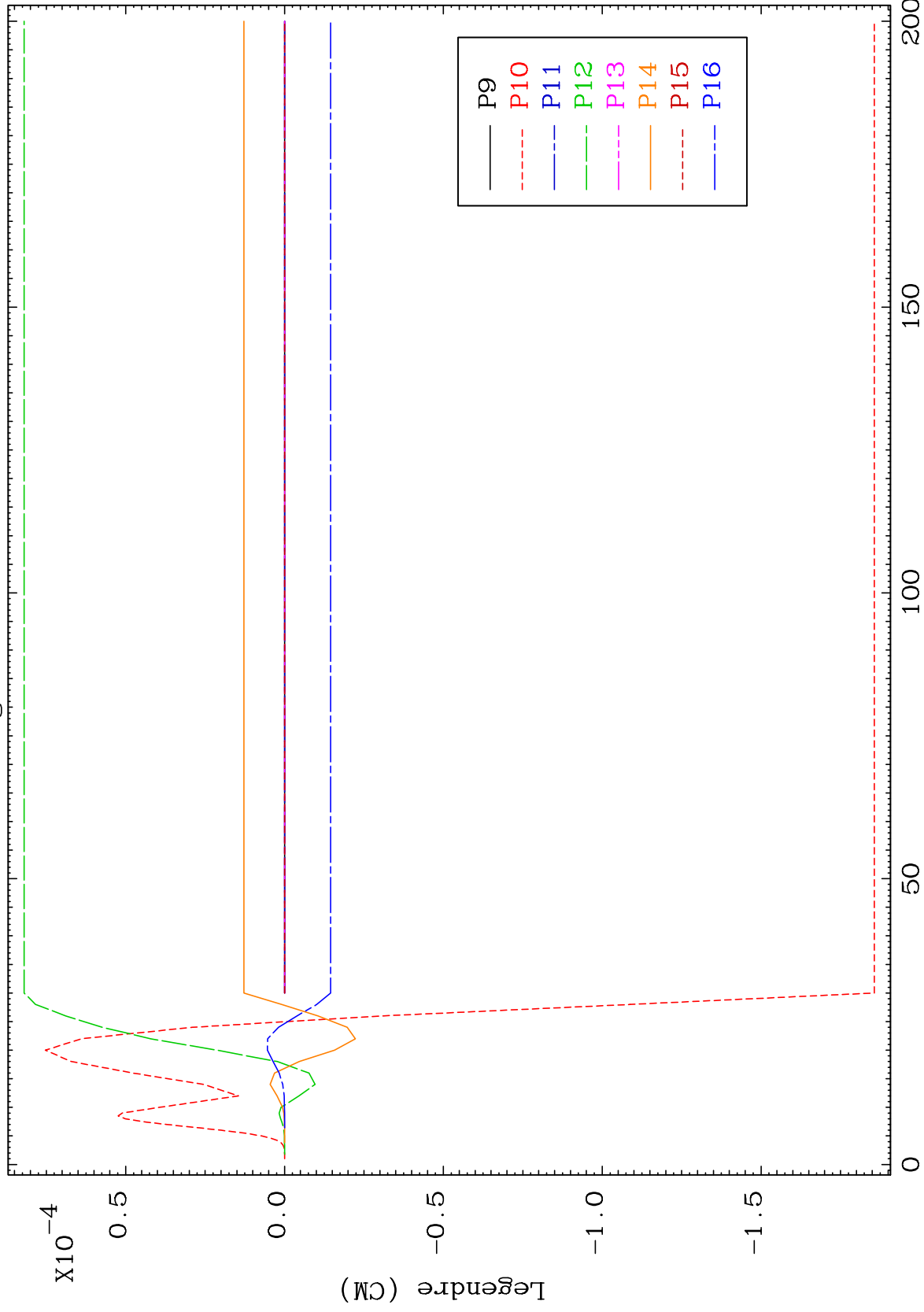
Incident Energy (MeV)

73-Ta-162

MAT 7271

MT= 67 (n,n') Level
Legendre Coefficients

73-Ta-162



79

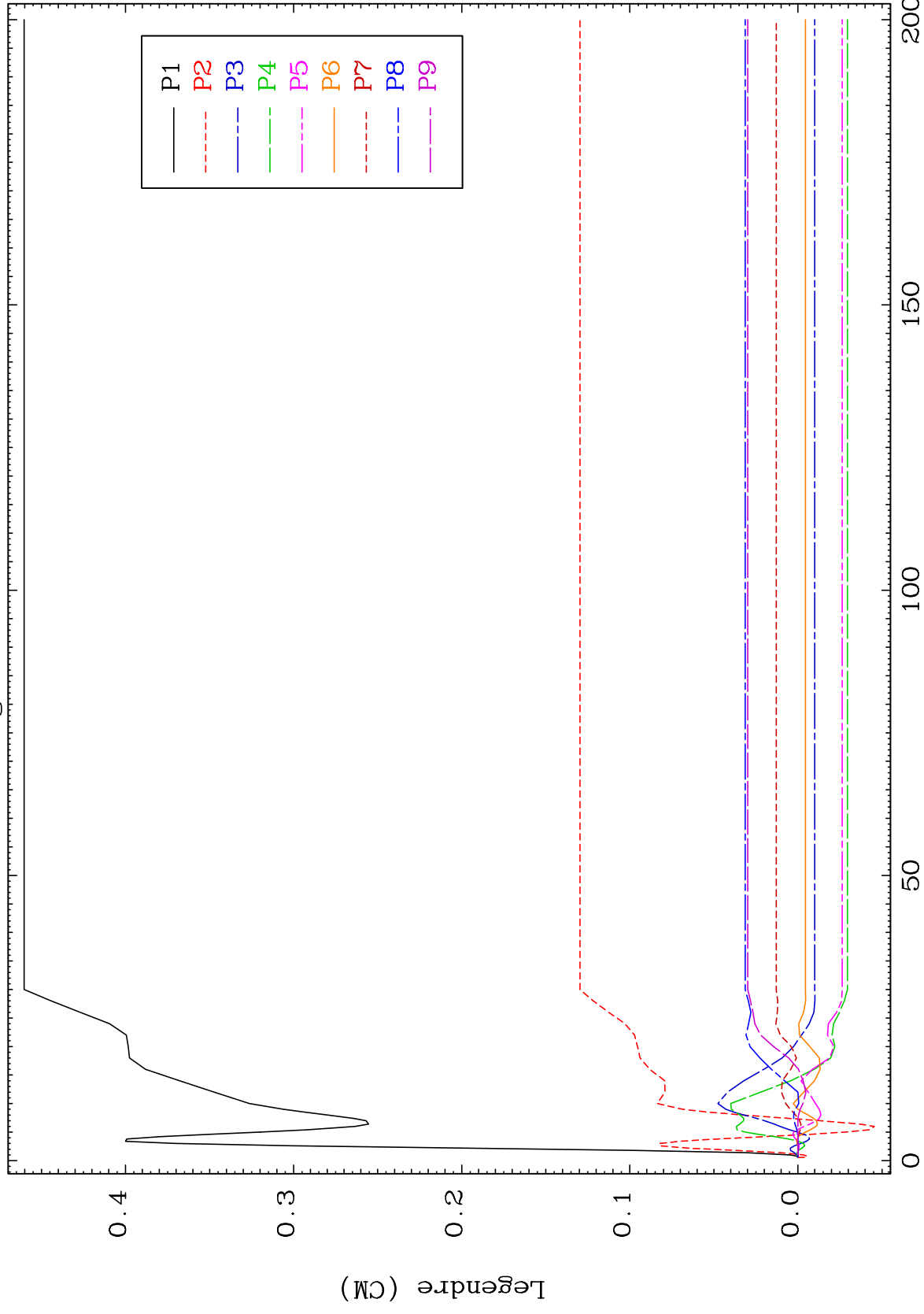
Incident Energy (MeV)

73-Ta-162

MAT 7271

MT= 68 (n,n') Level
Legendre Coefficients

73-Ta-162



81

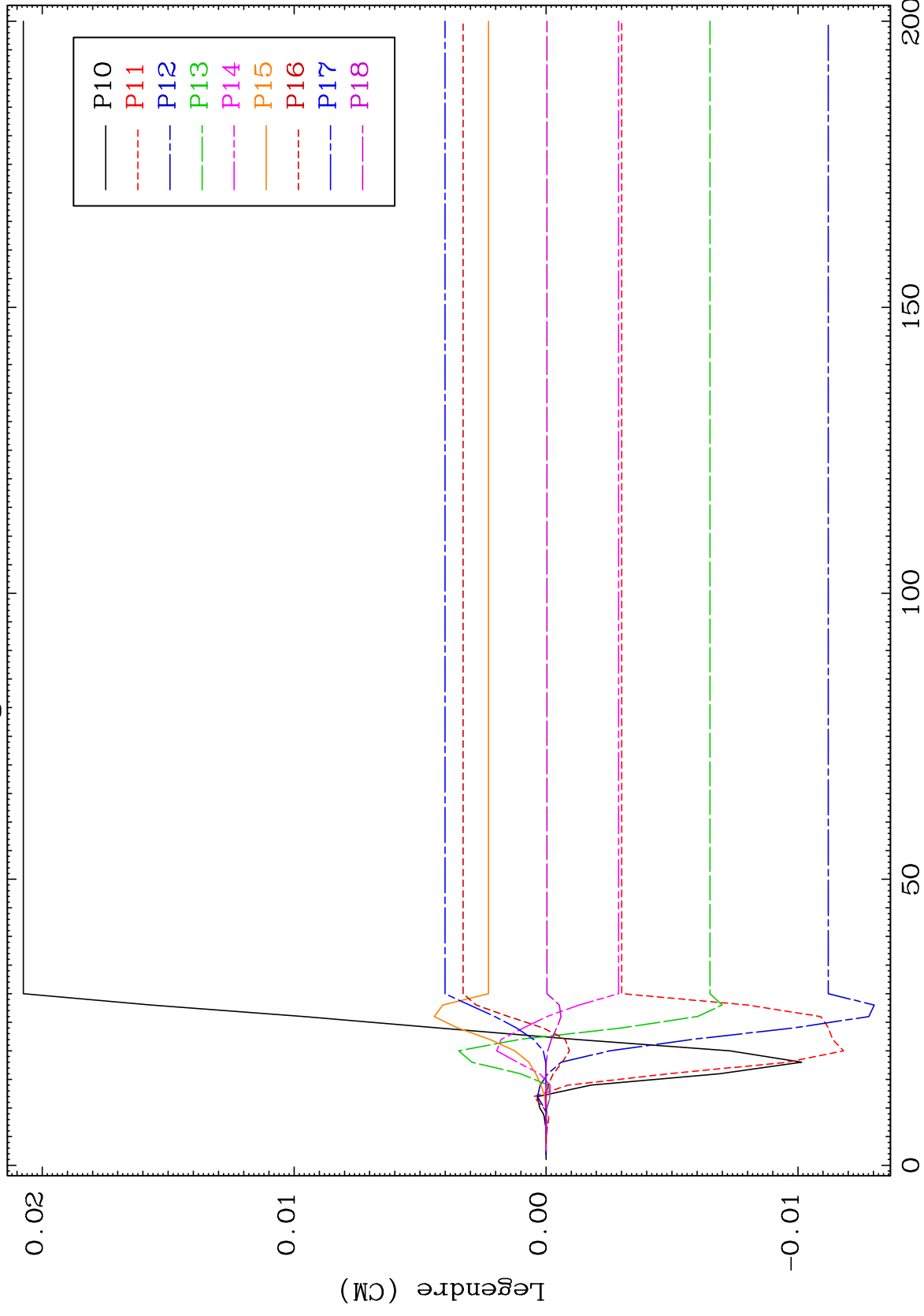
Incident Energy (MeV)

73-Ta-162

MAT 7271

MT= 68 (n,n') Level
Legendre Coefficients

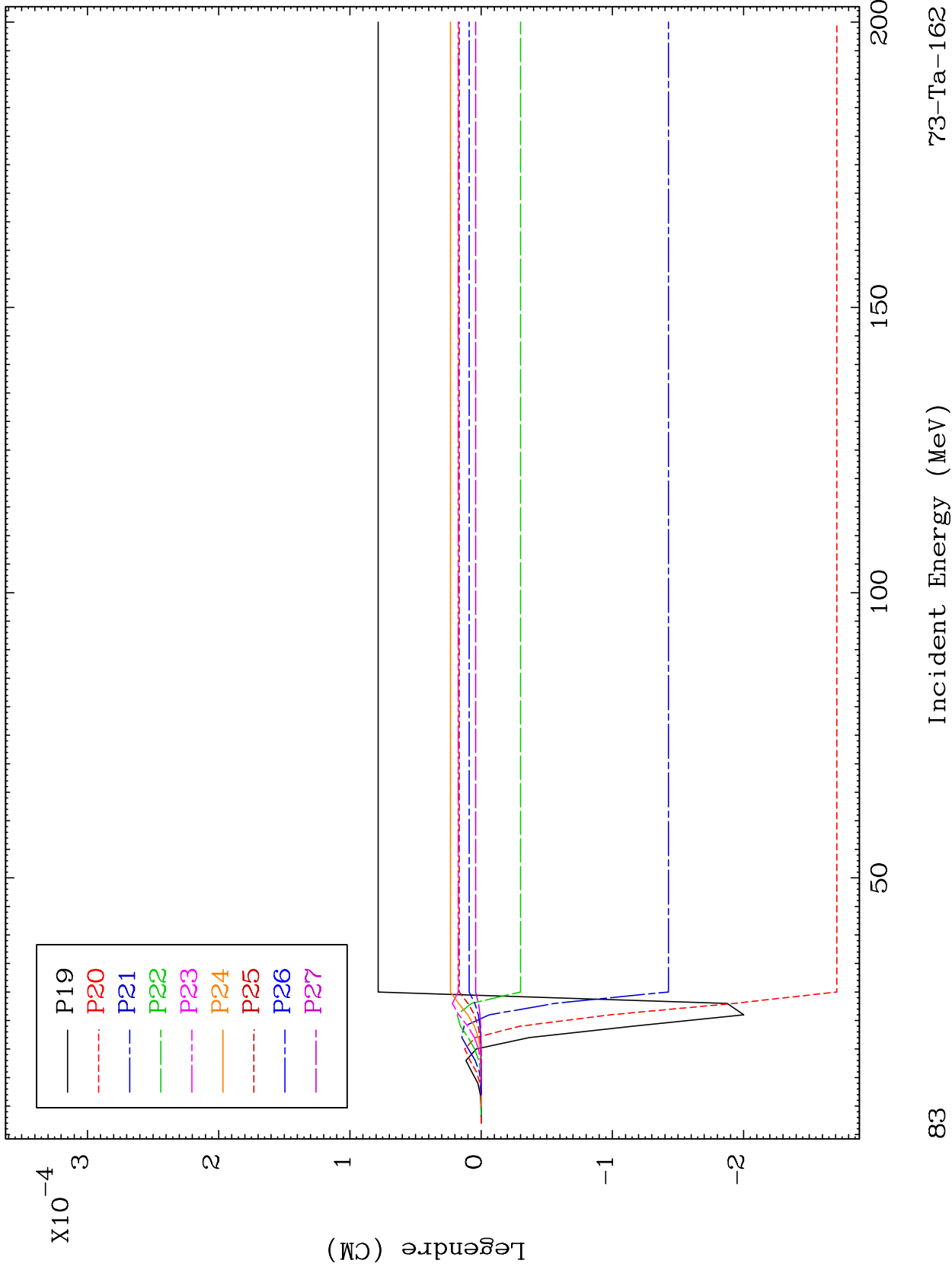
73-Ta-162



82

Incident Energy (MeV)

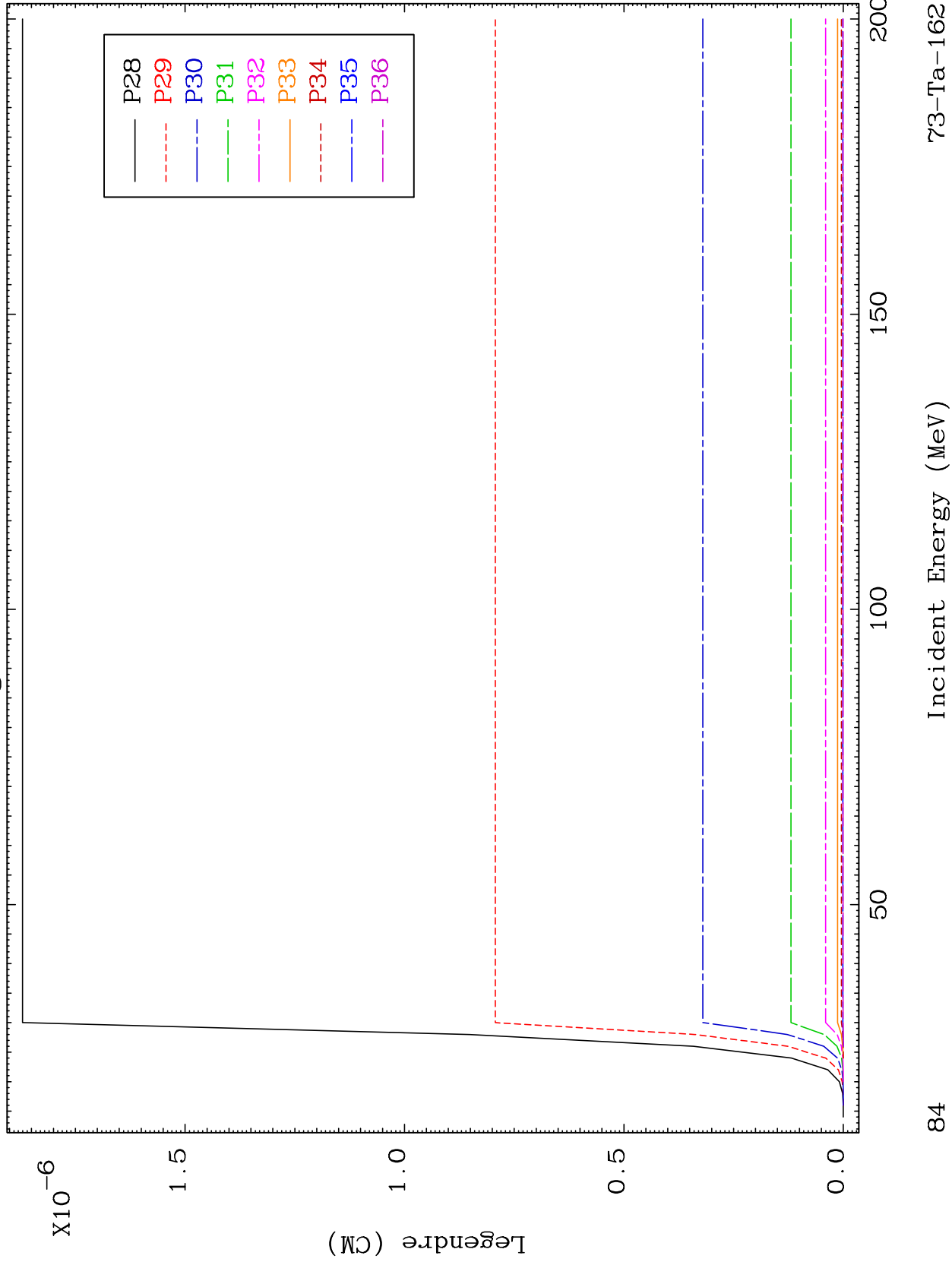
73-Ta-162



MAT 7271

MT= 68 (n,n') Level
Legendre Coefficients

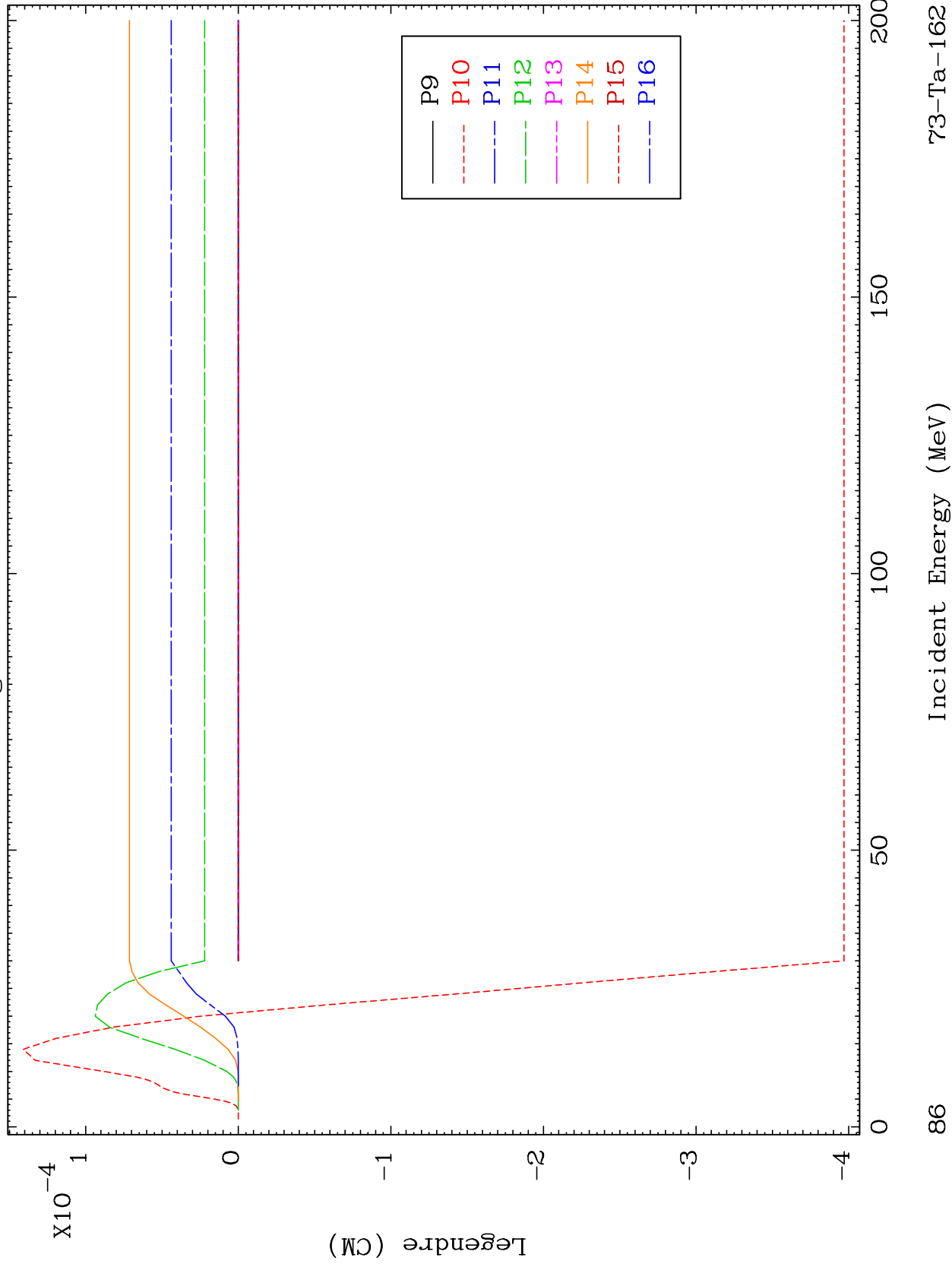
73-Ta-162

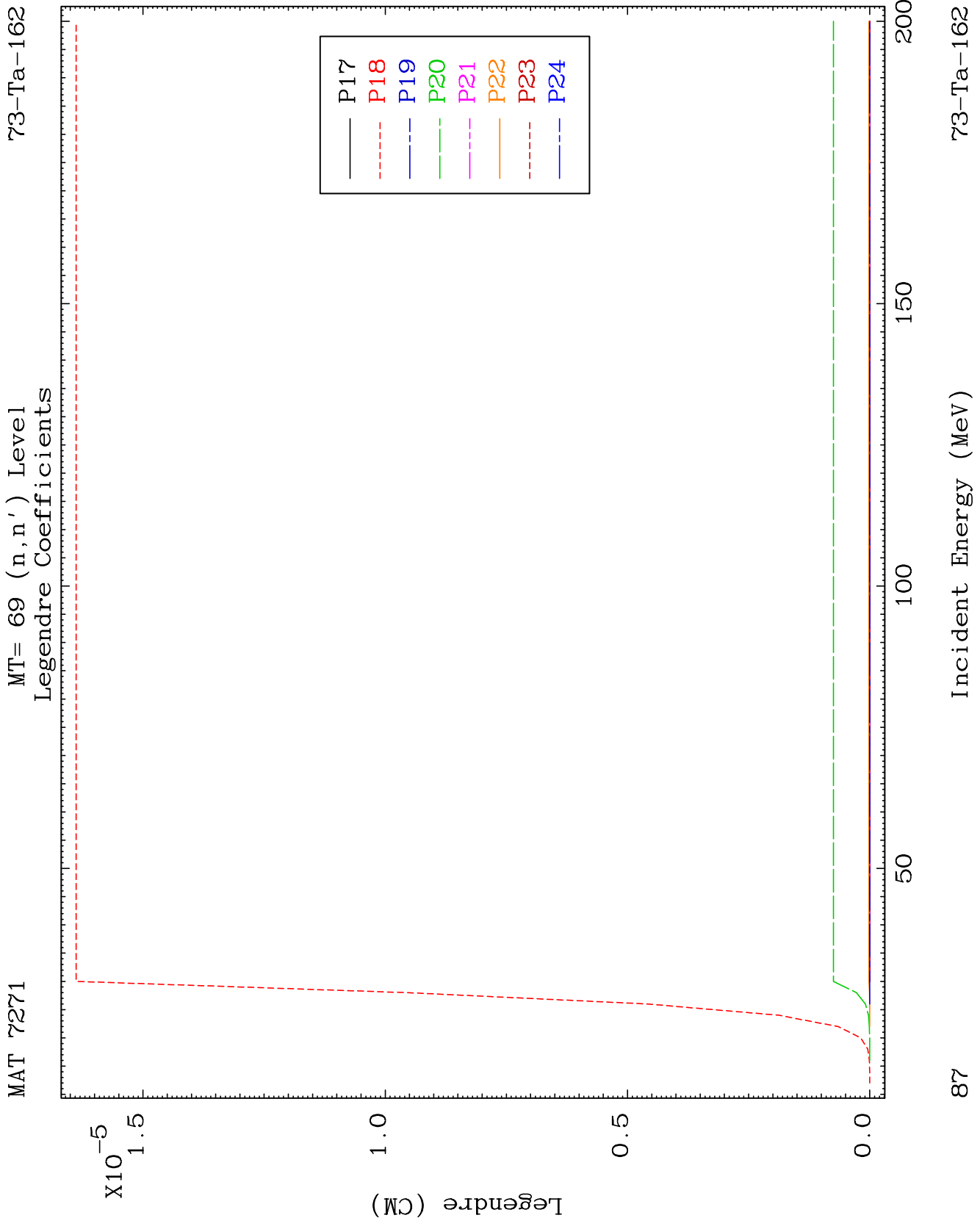


MAT 7271

MT= 69 (n,n') Level
Legendre Coefficients

73-Ta-162

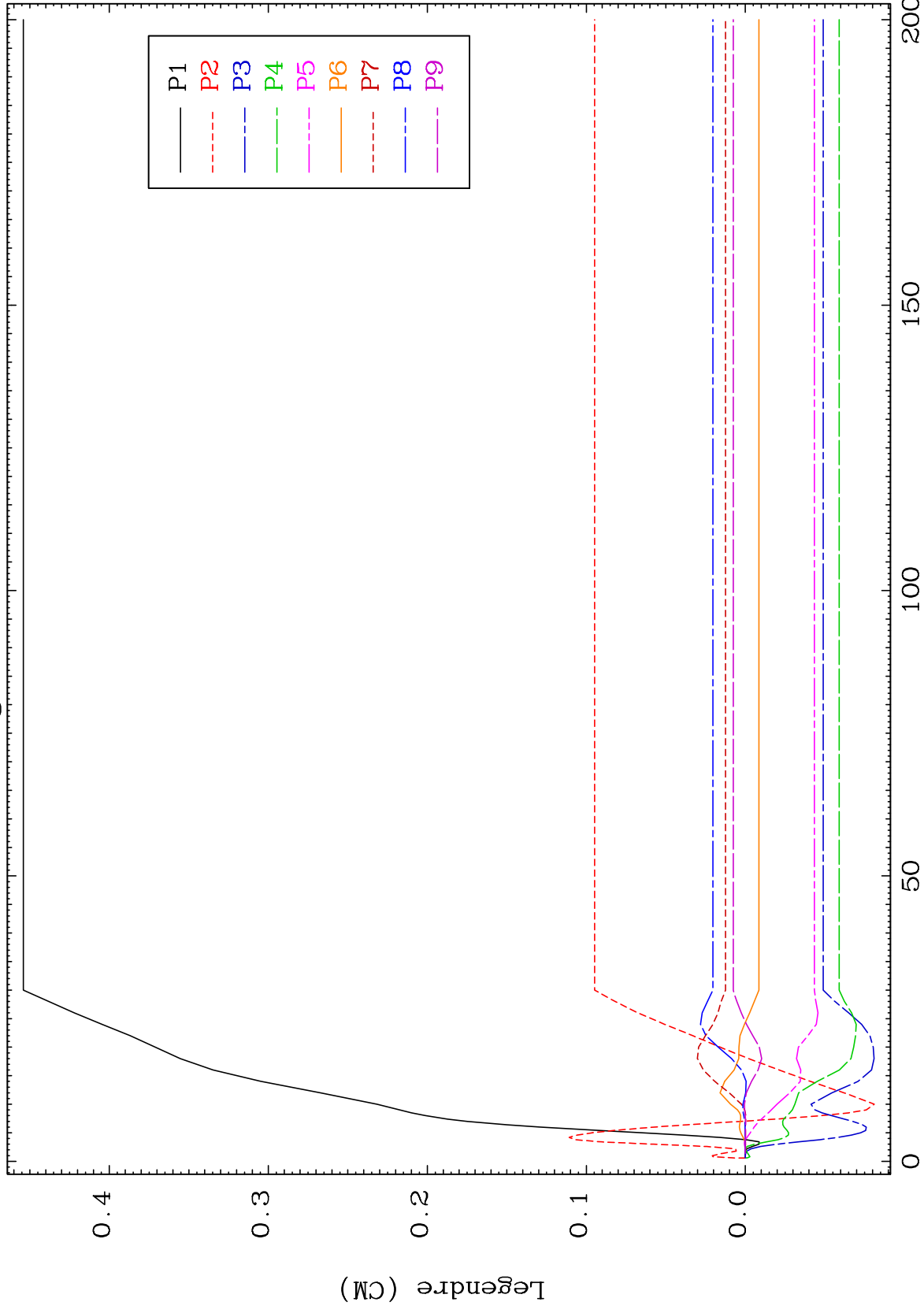




MAT 7271

MT= 70 (n,n') Level
Legendre Coefficients

73-Ta-162



88

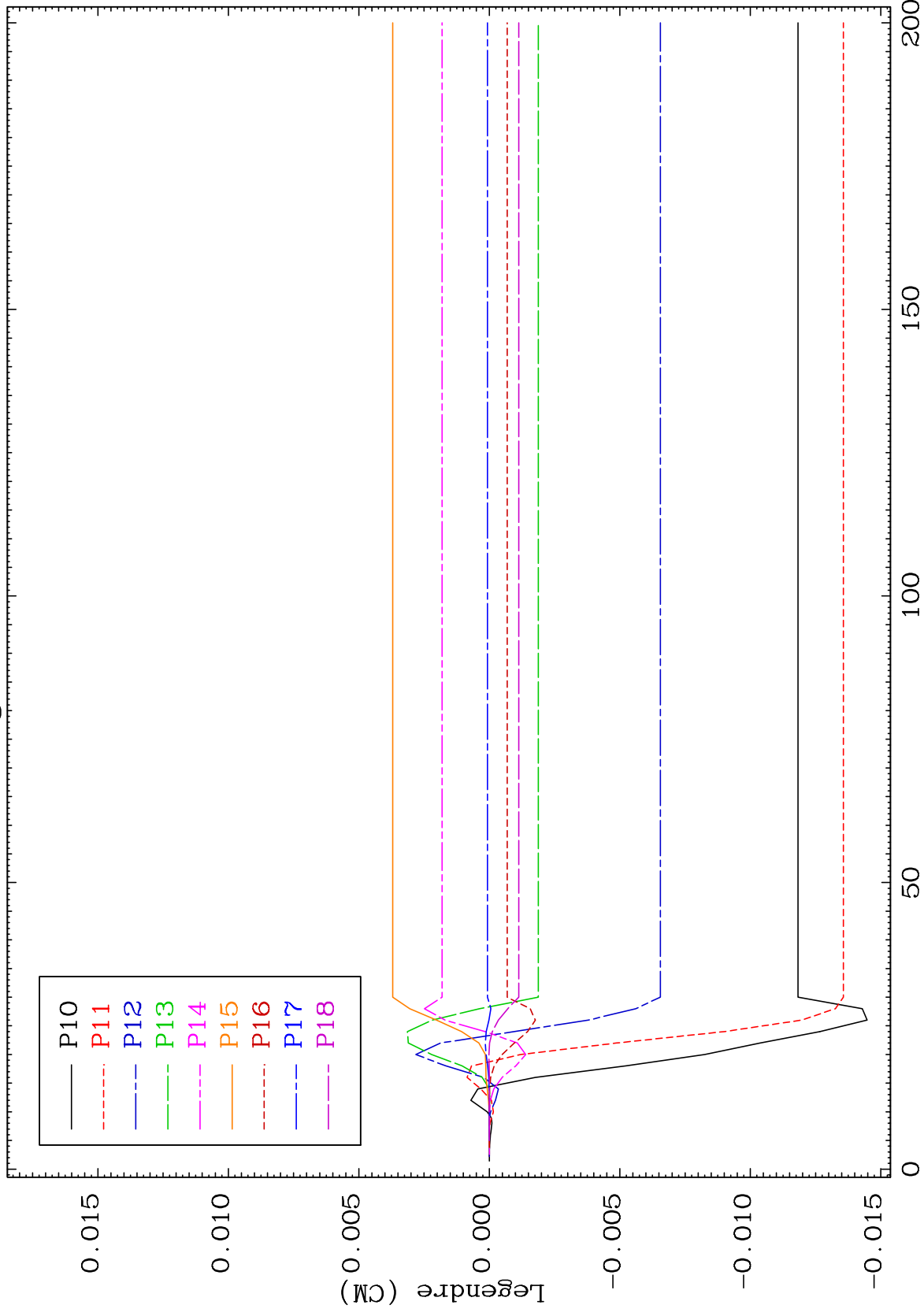
Incident Energy (MeV)

73-Ta-162

MAT 7271

MT= 70 (n,n') Level
Legendre Coefficients

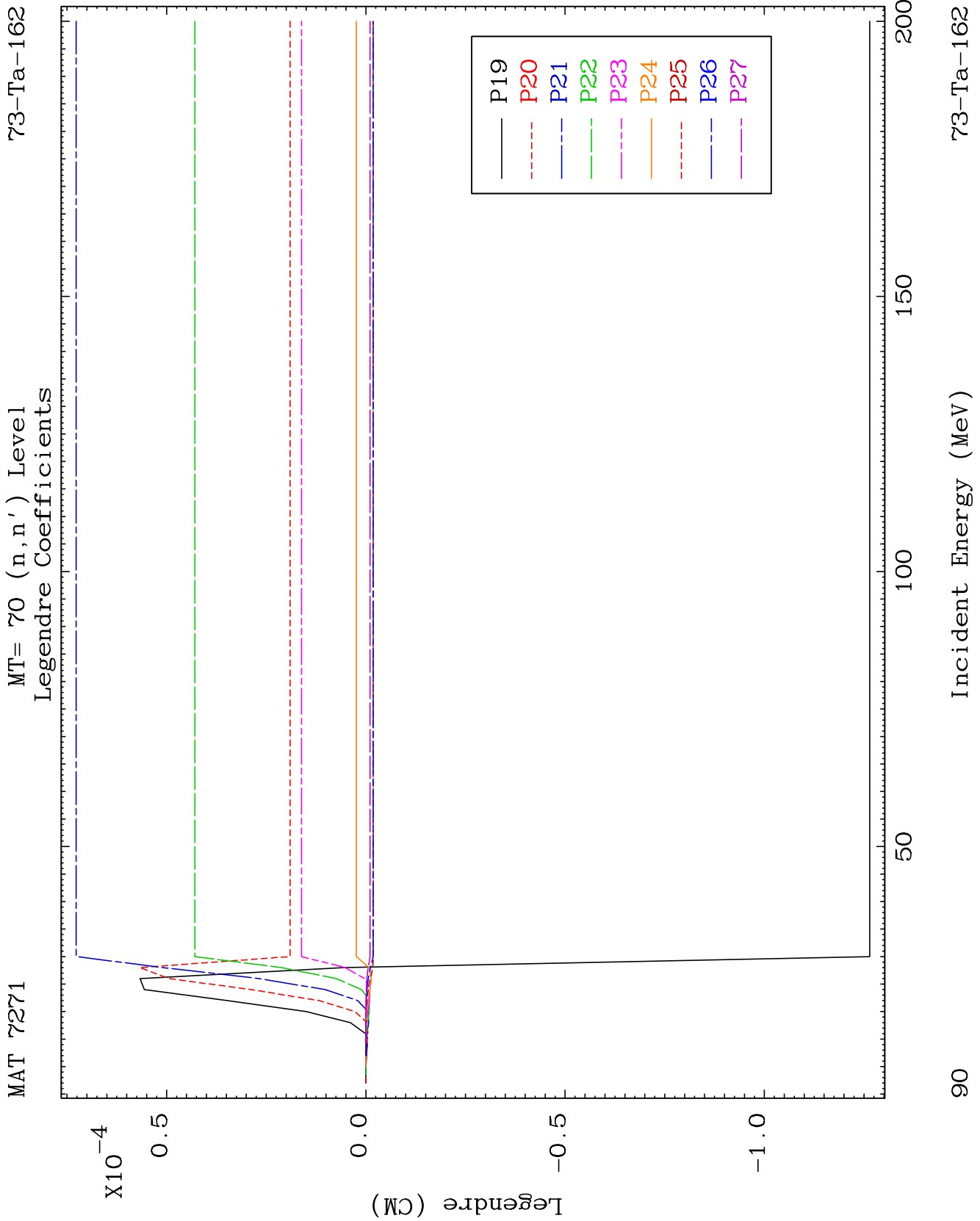
73-Ta-162

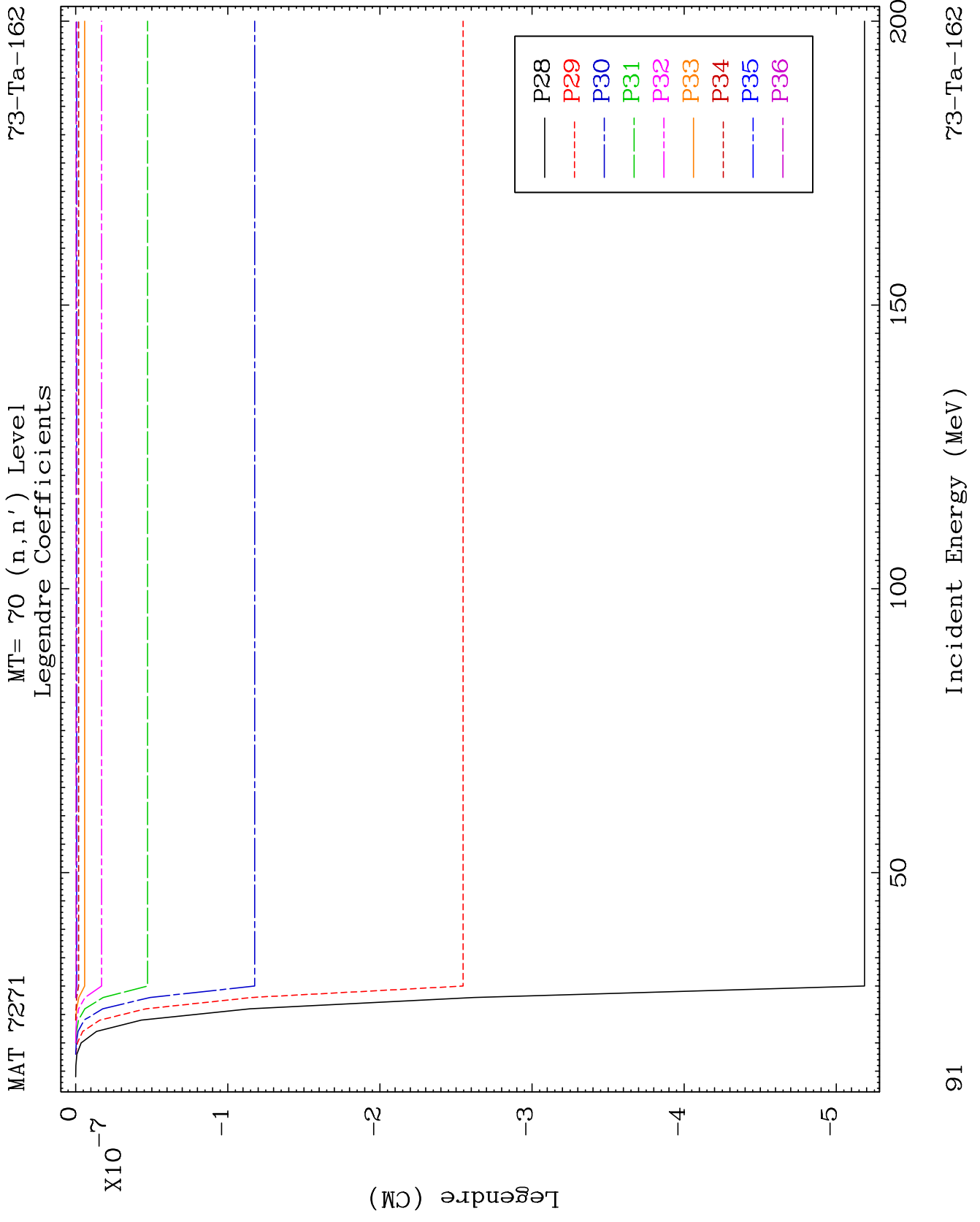


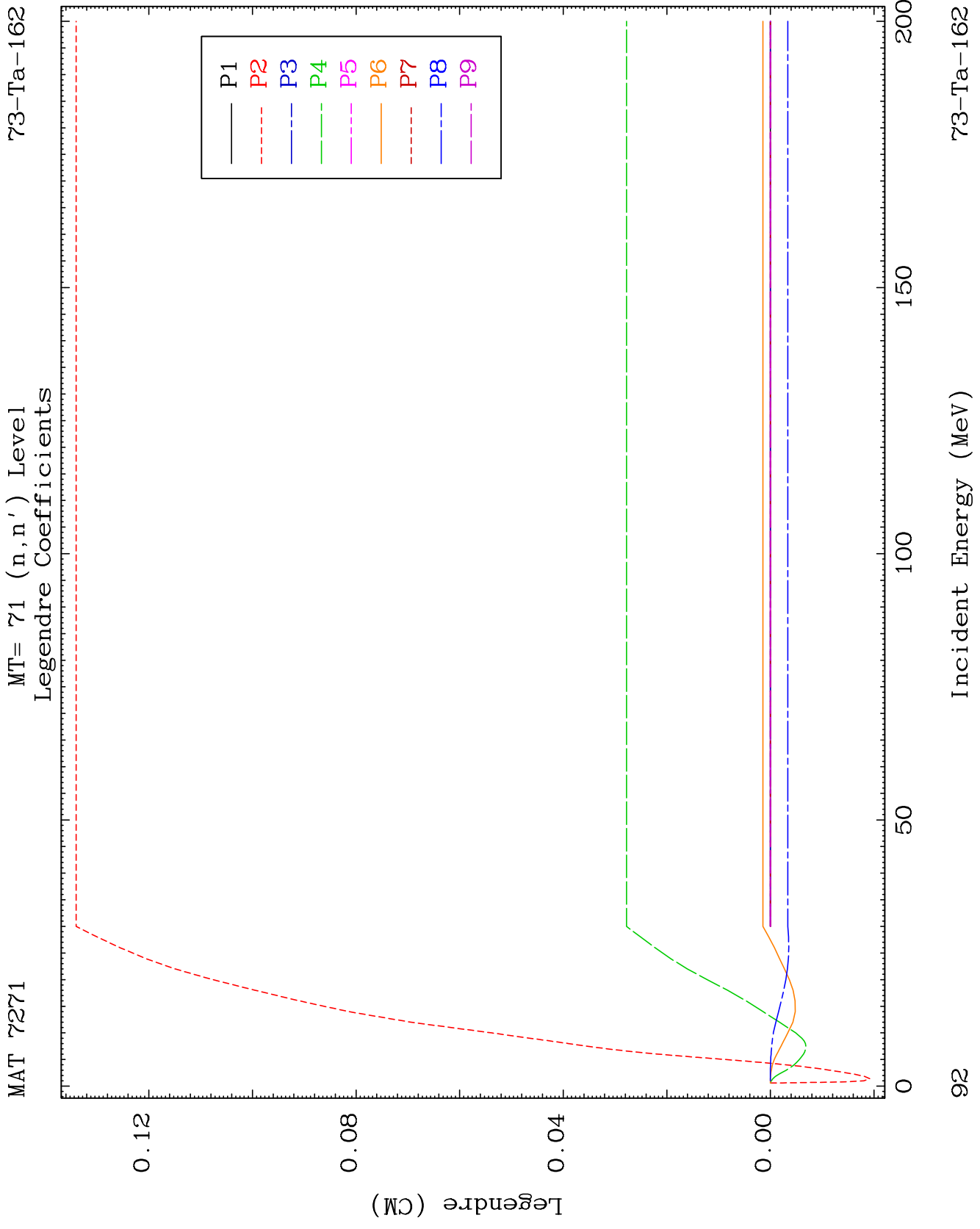
89

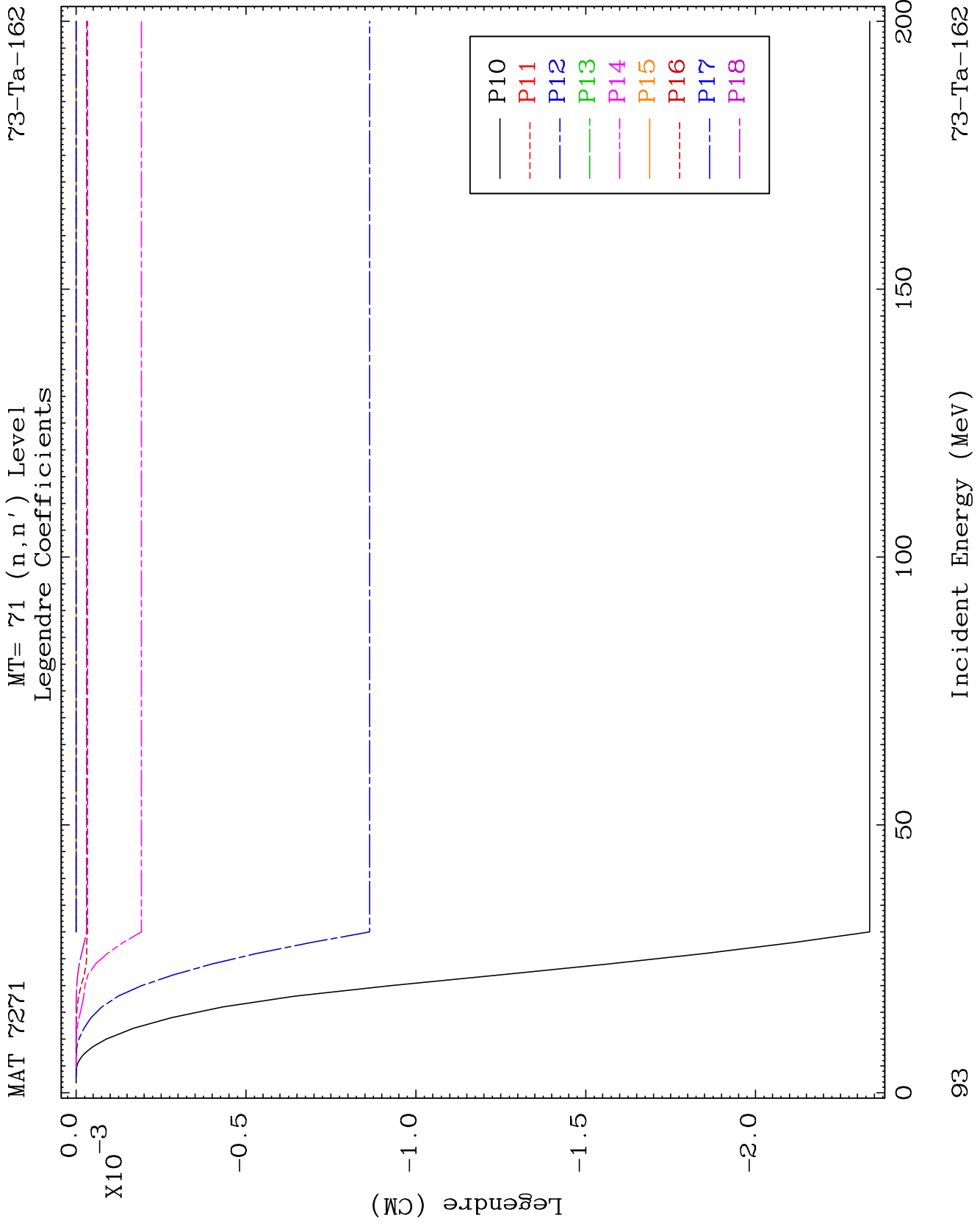
Incident Energy (MeV)

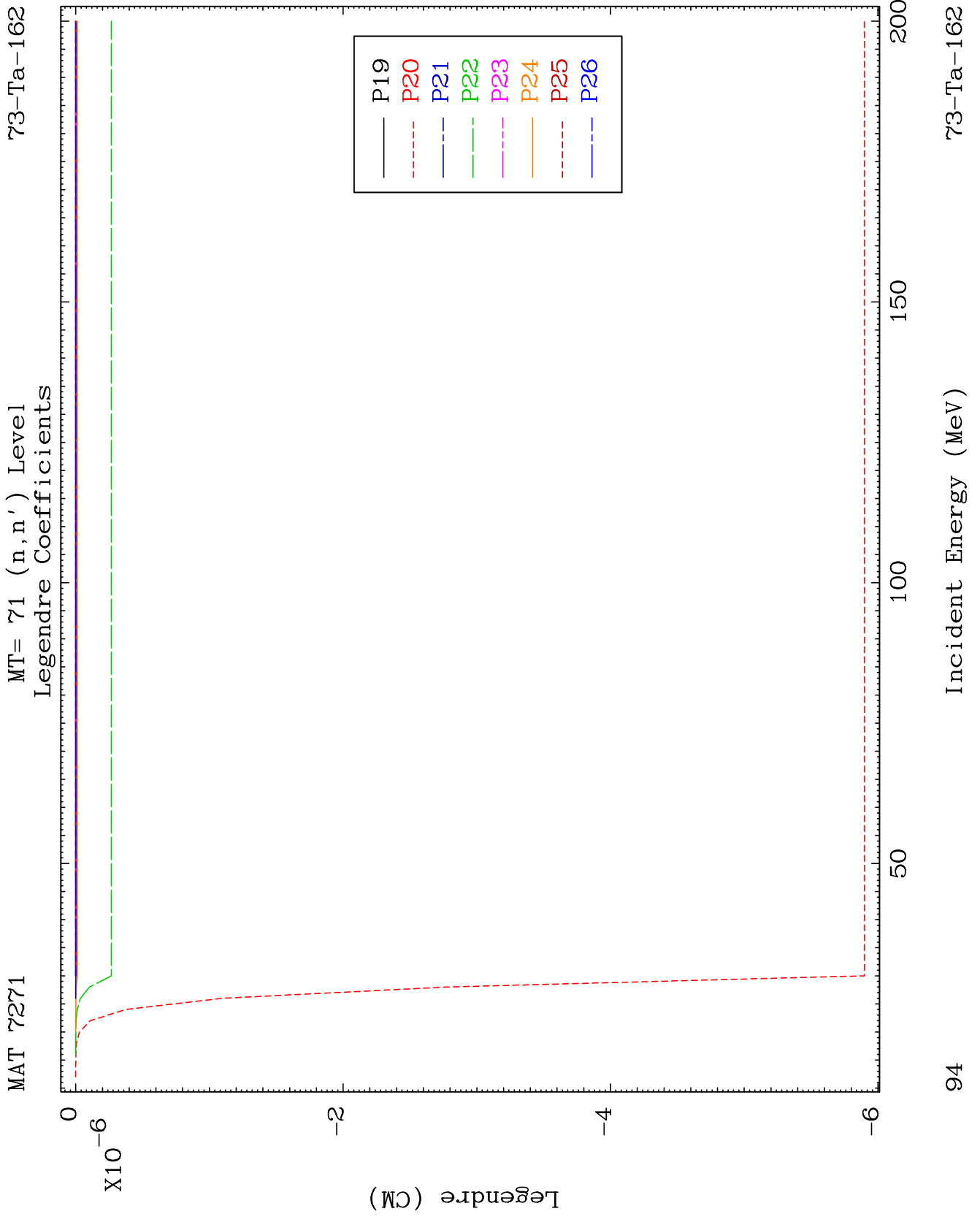
73-Ta-162

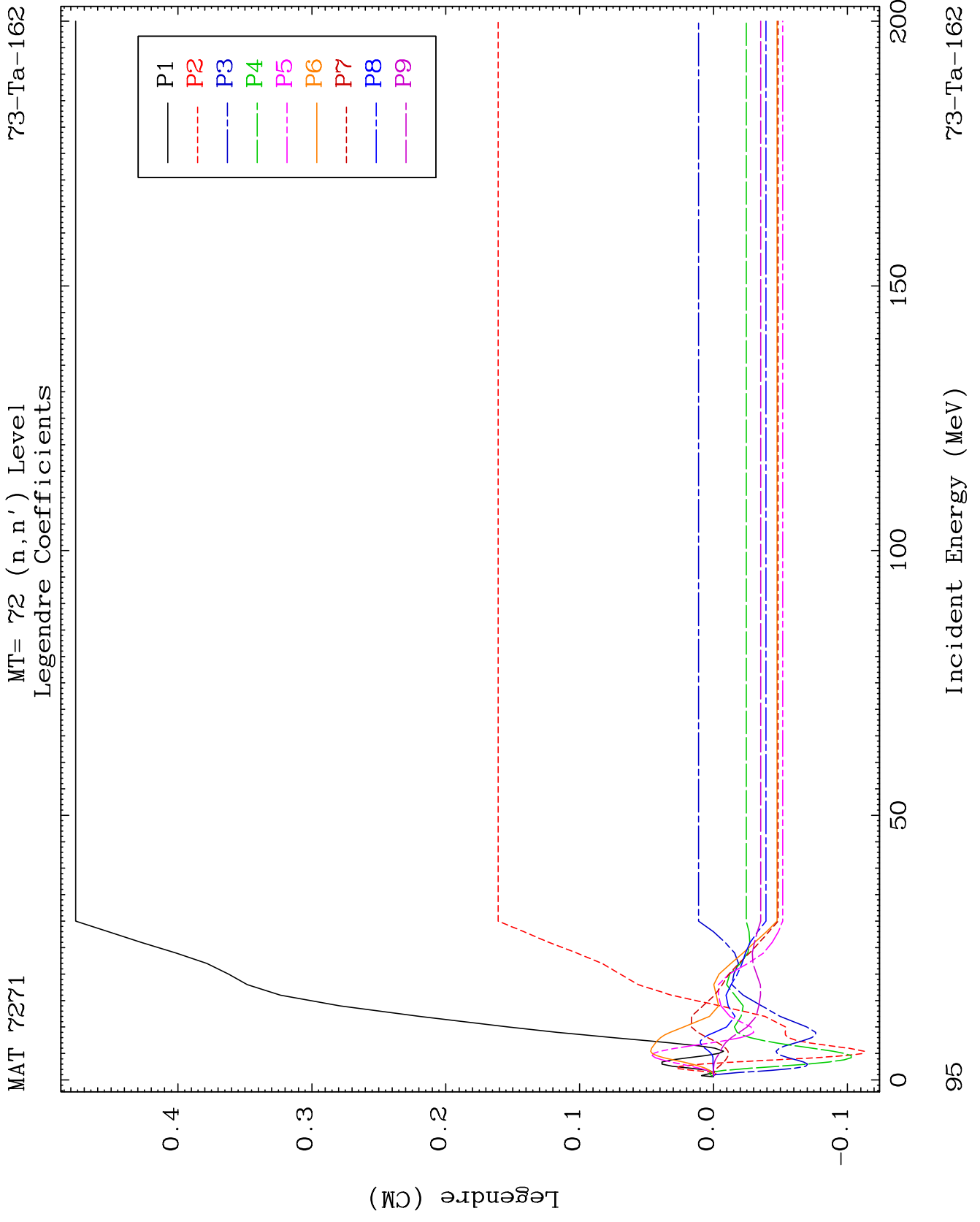


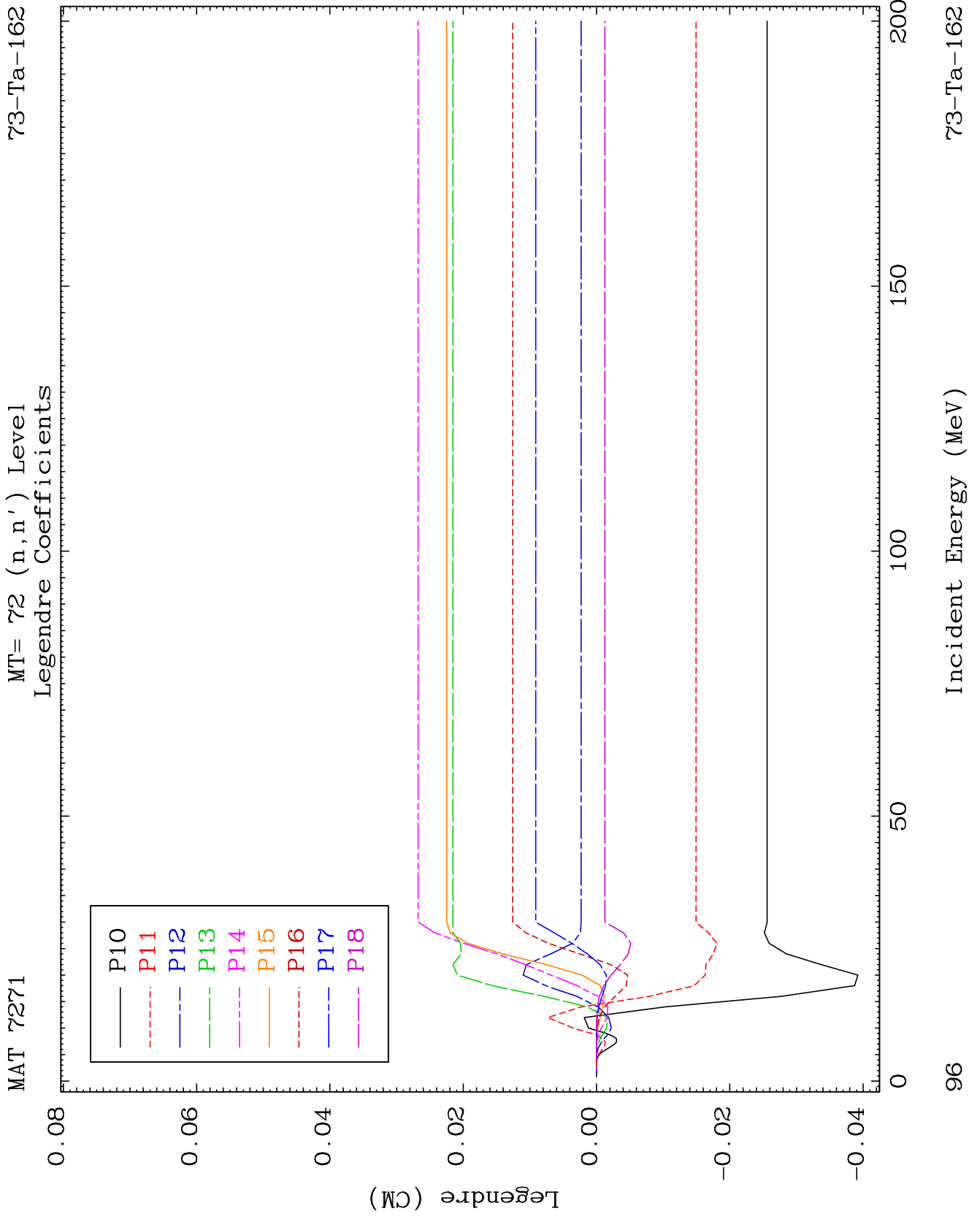








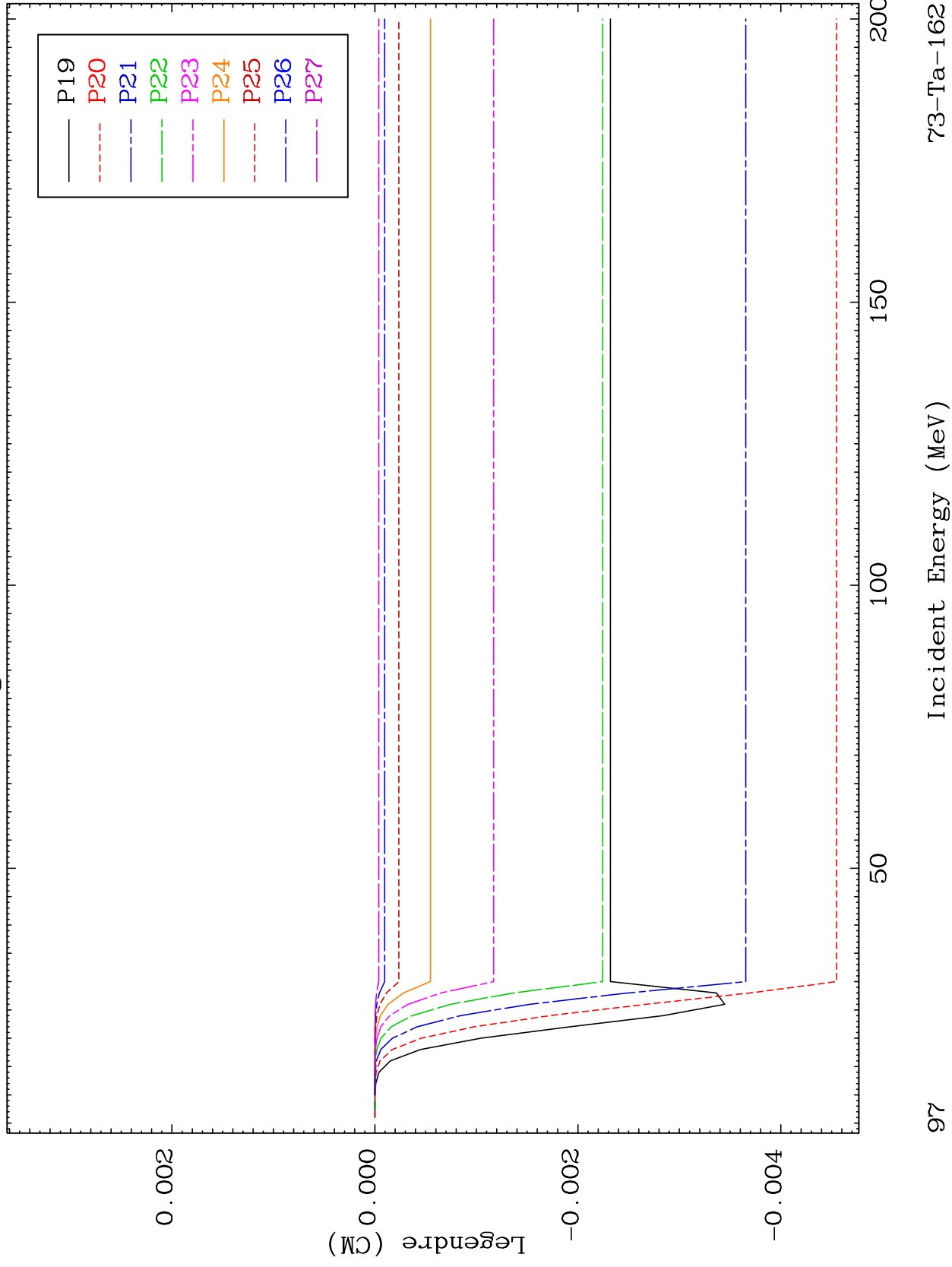


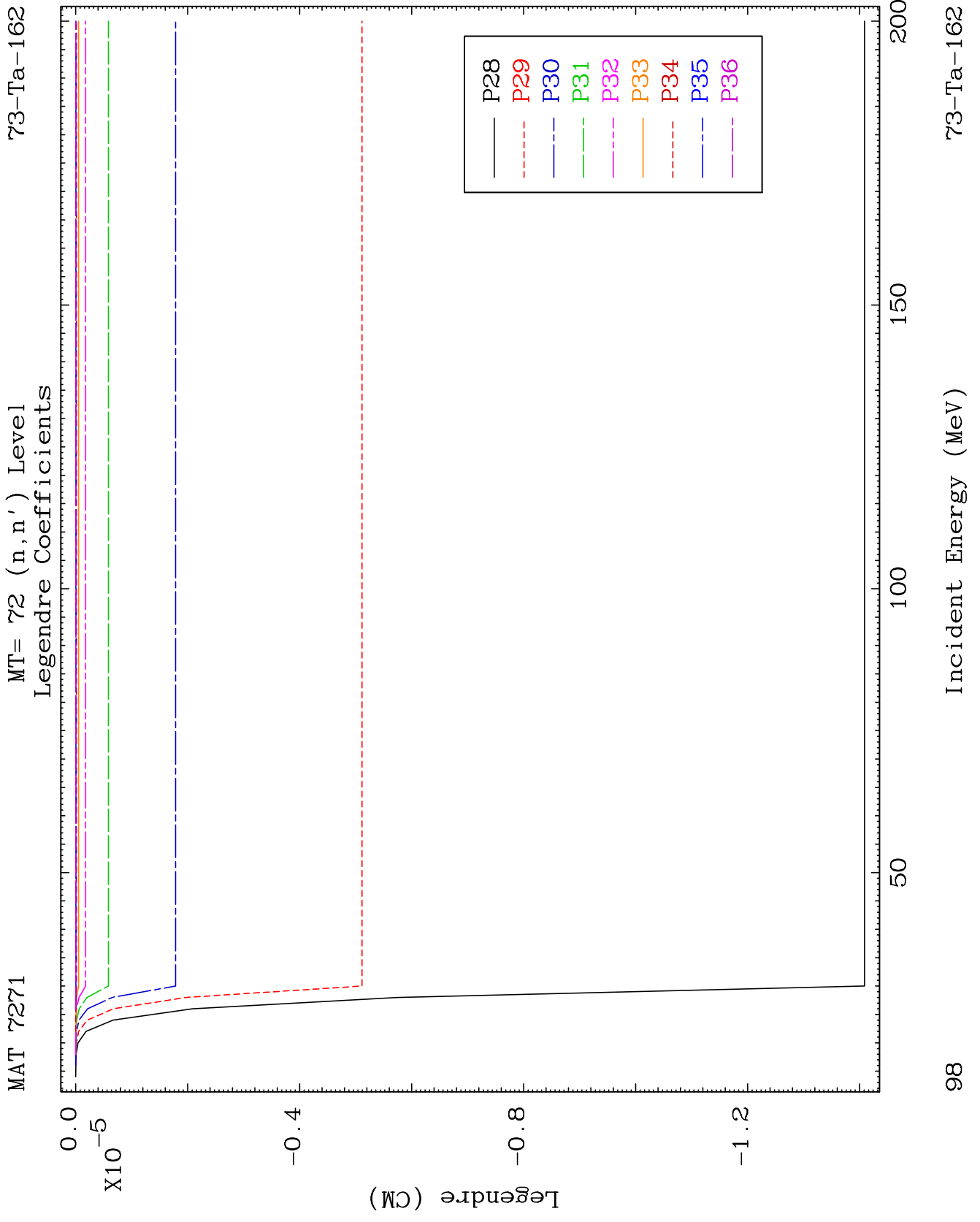


MAT 7271

MT= 72 (n,n') Level
Legendre Coefficients

73-Ta-162

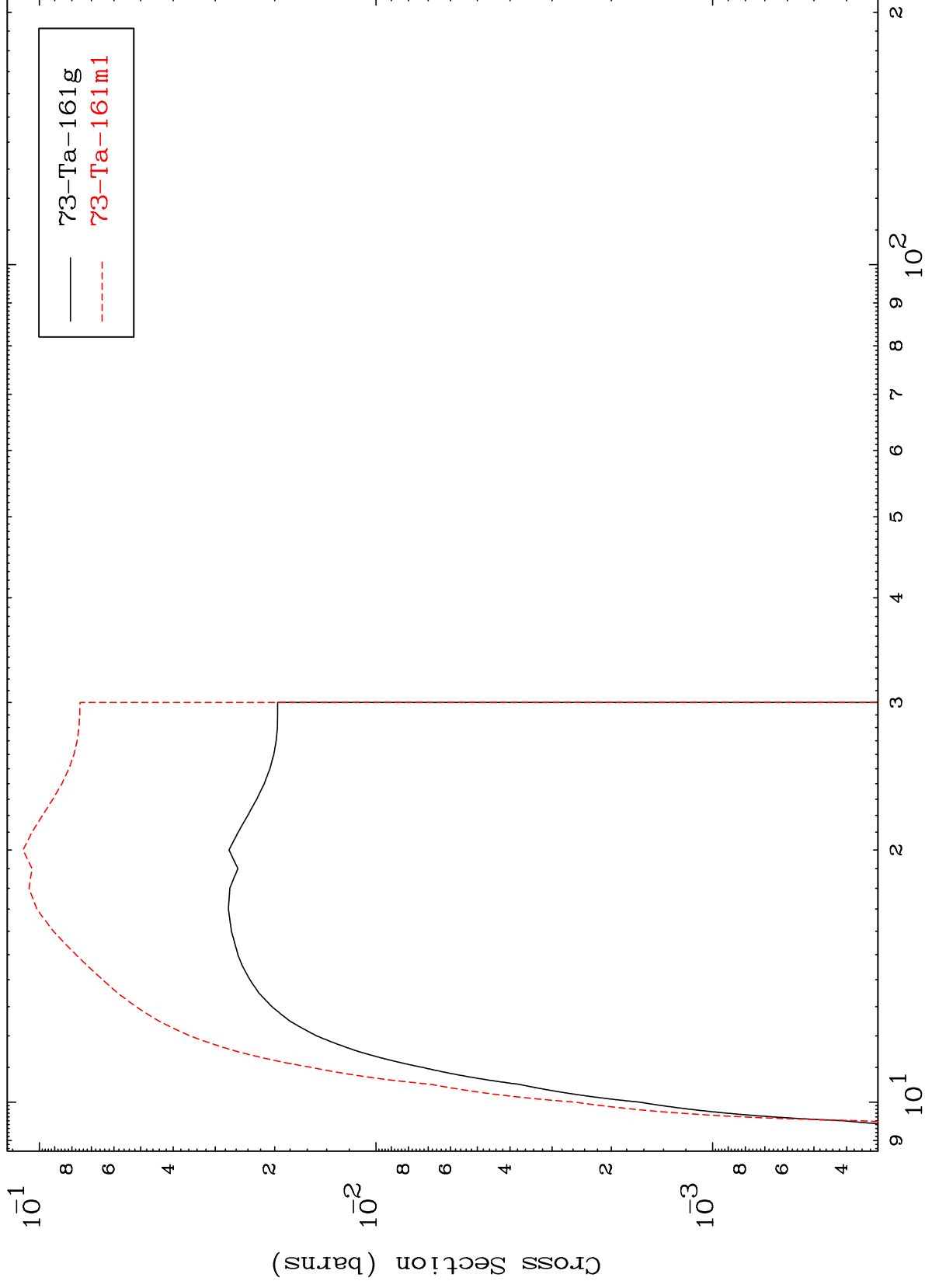




MAT 7271

⁷³Ta-162

(n,2n)
Radionuclide Production Cross Section



⁷³Ta-162

Incident Energy (MeV)

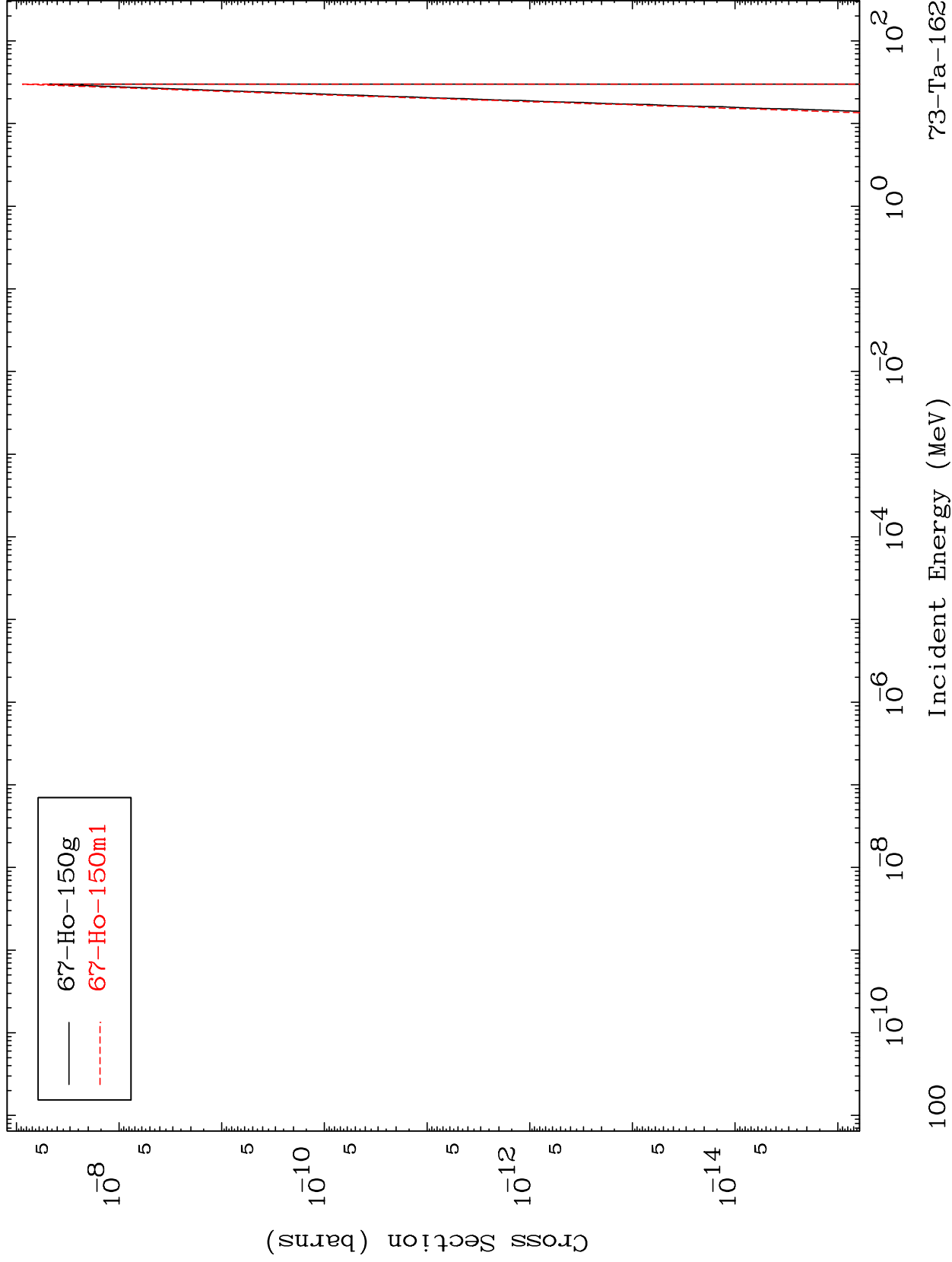
99

MAT 7271

(n,n') 3 α

73-Ta-162

Radionuclide Production Cross Section



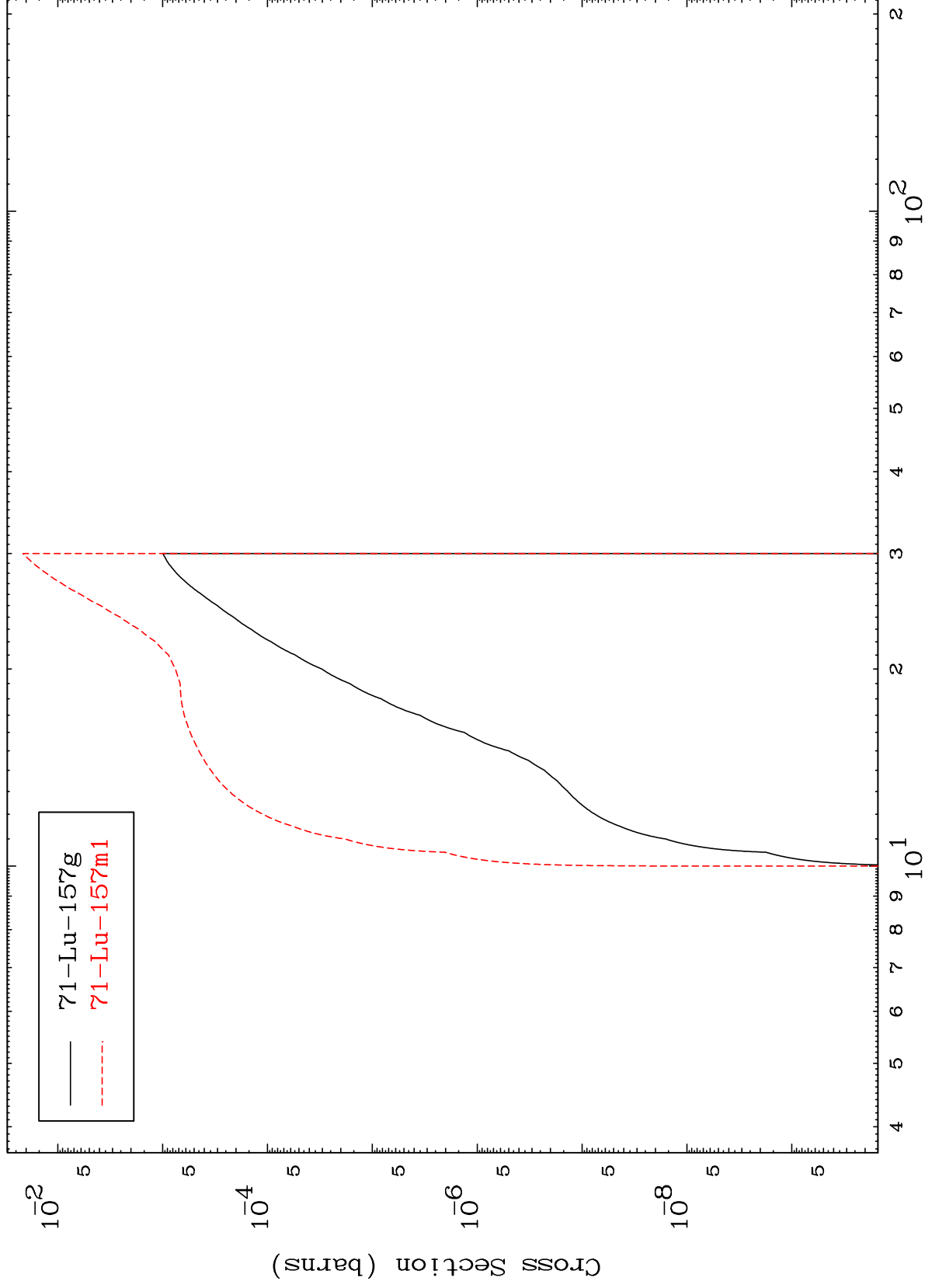
100

MAT 7271

73-Ta-162

(n,2n) α

Radionuclide Production Cross Section



101

Incident Energy (MeV)

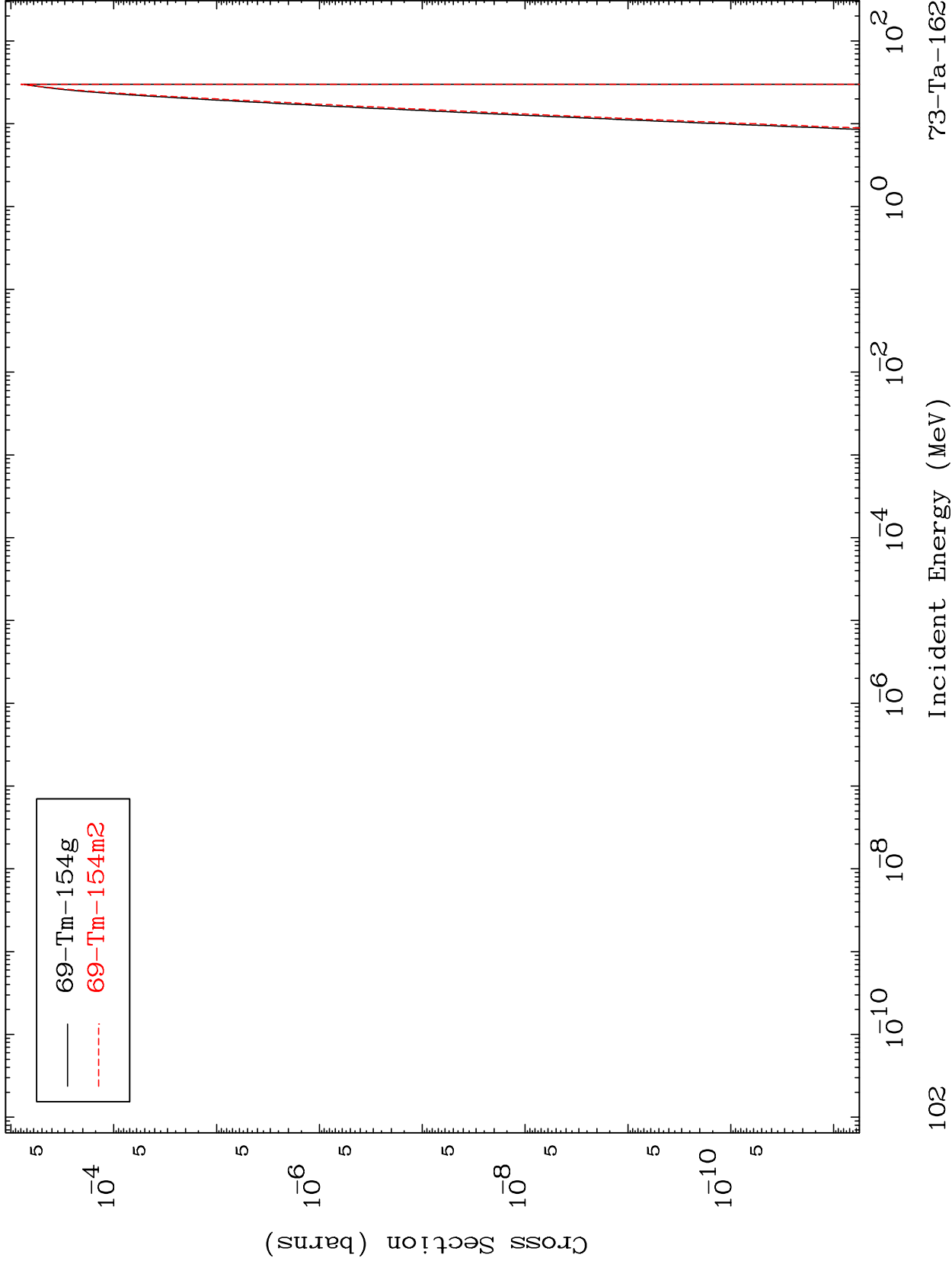
73-Ta-162

MAT 7271

(n,n') 2α

73-Ta-162

Radionuclide Production Cross Section

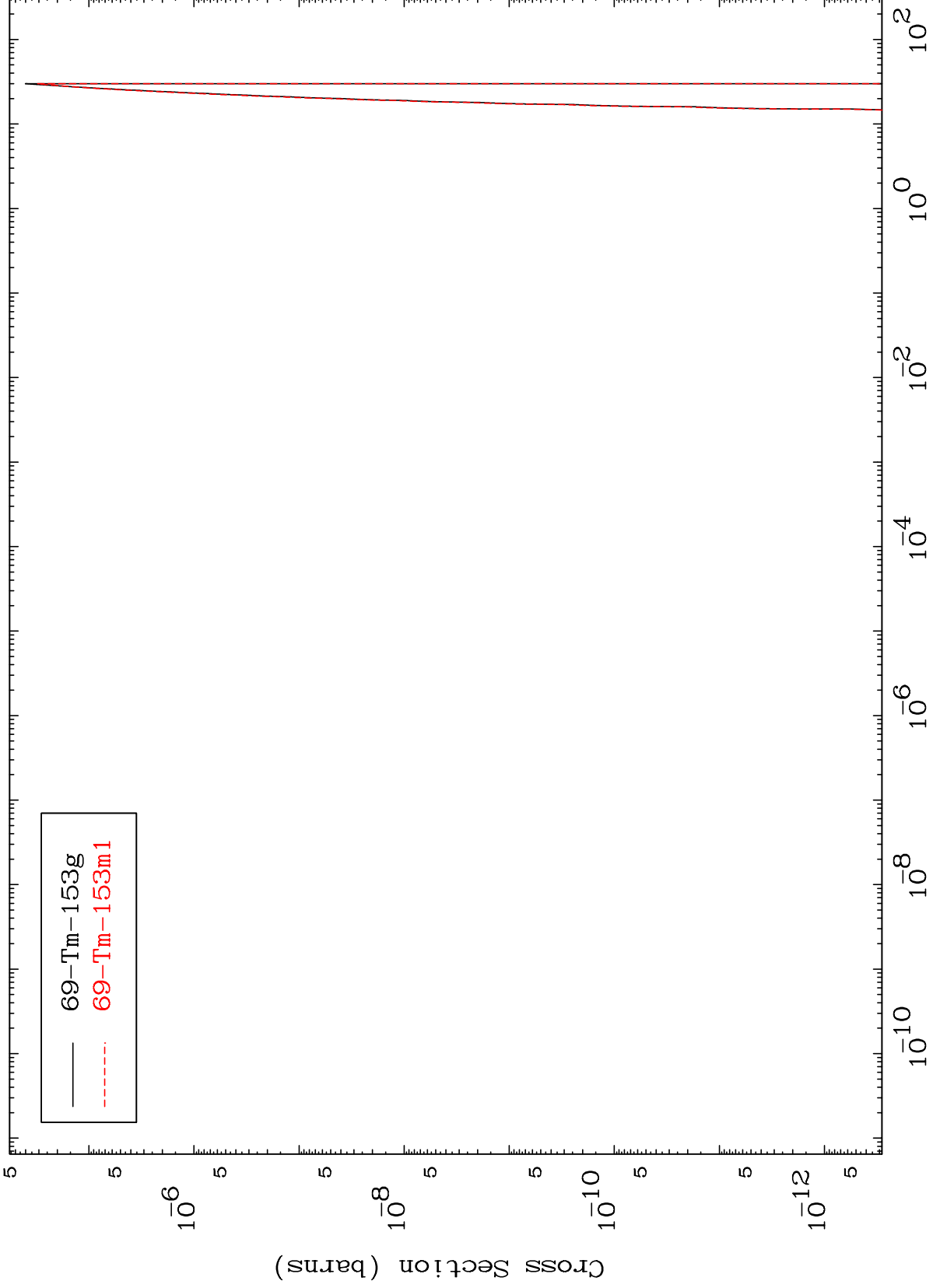


MAT 7271

(n,2n) 2α

73-Ta-162

Radionuclide Production Cross Section



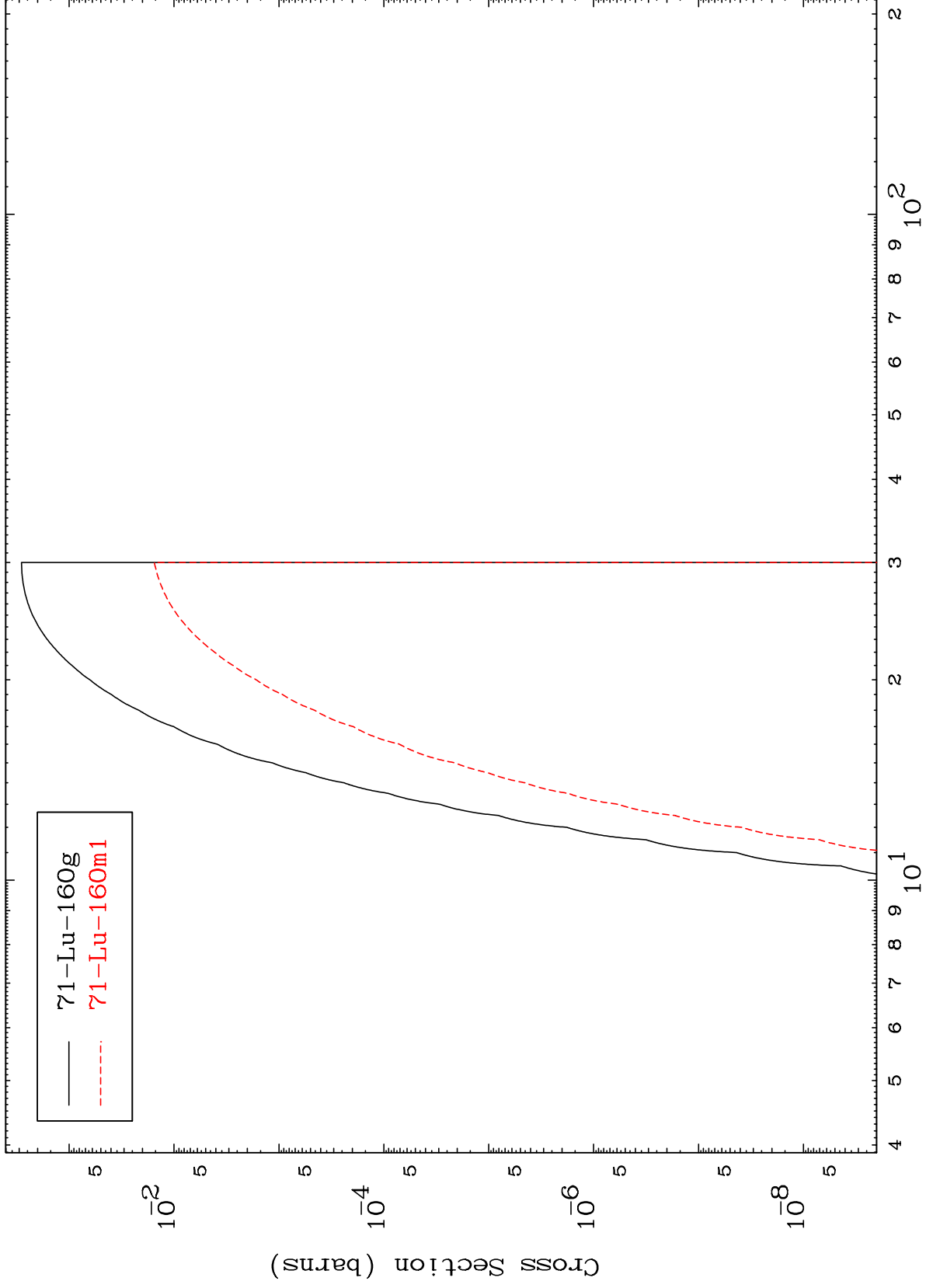
69-Tm-153g
69-Tm-153m1

MAT 7271

(n,2n) p

73-Ta-162

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

104

Incident Energy (MeV)

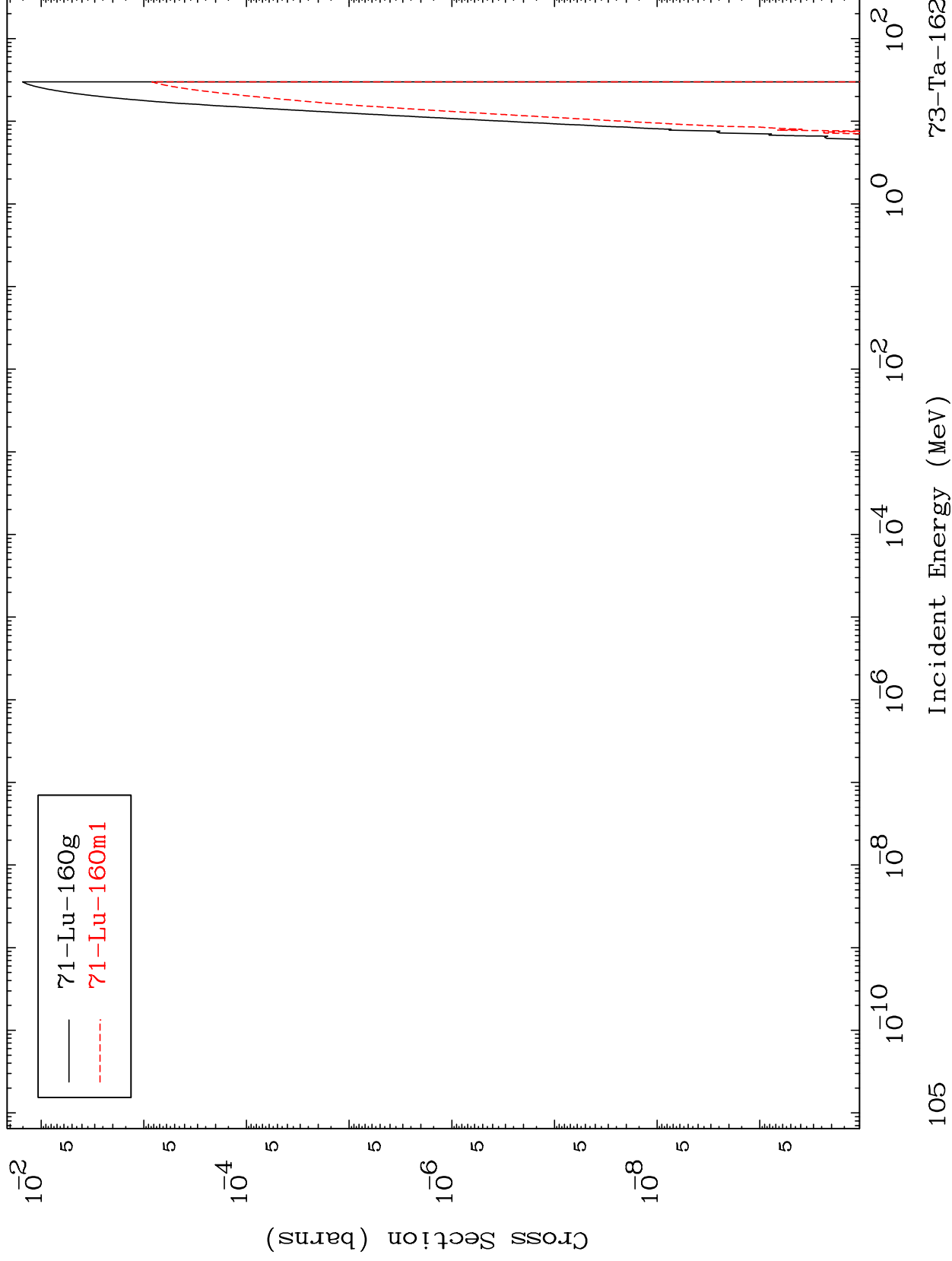
73-Ta-162

MAT 7271

(n,He-3)

⁷³Ta-162

Radionuclide Production Cross Section

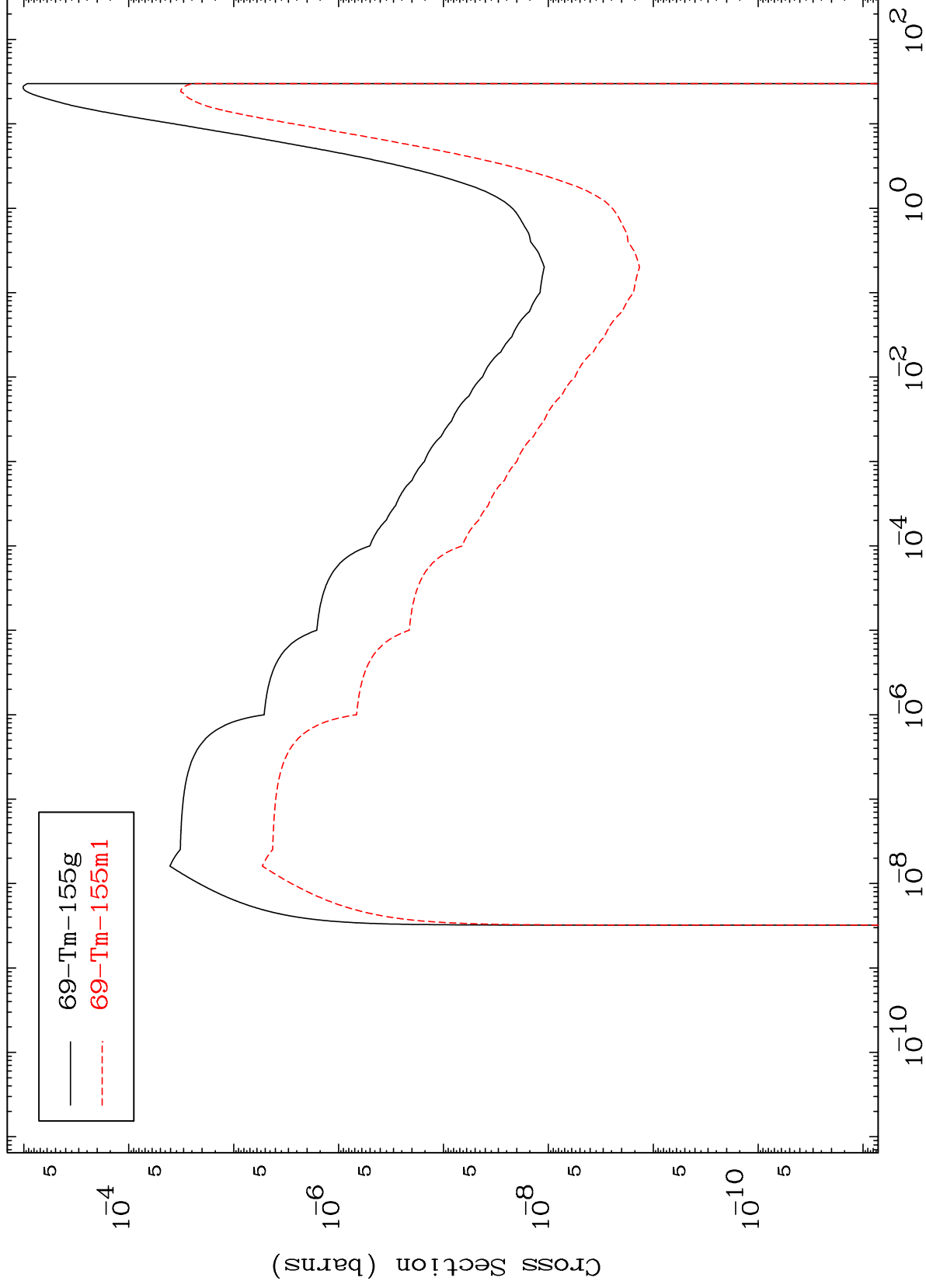


105

MAT 7271

73-Ta-162

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

106

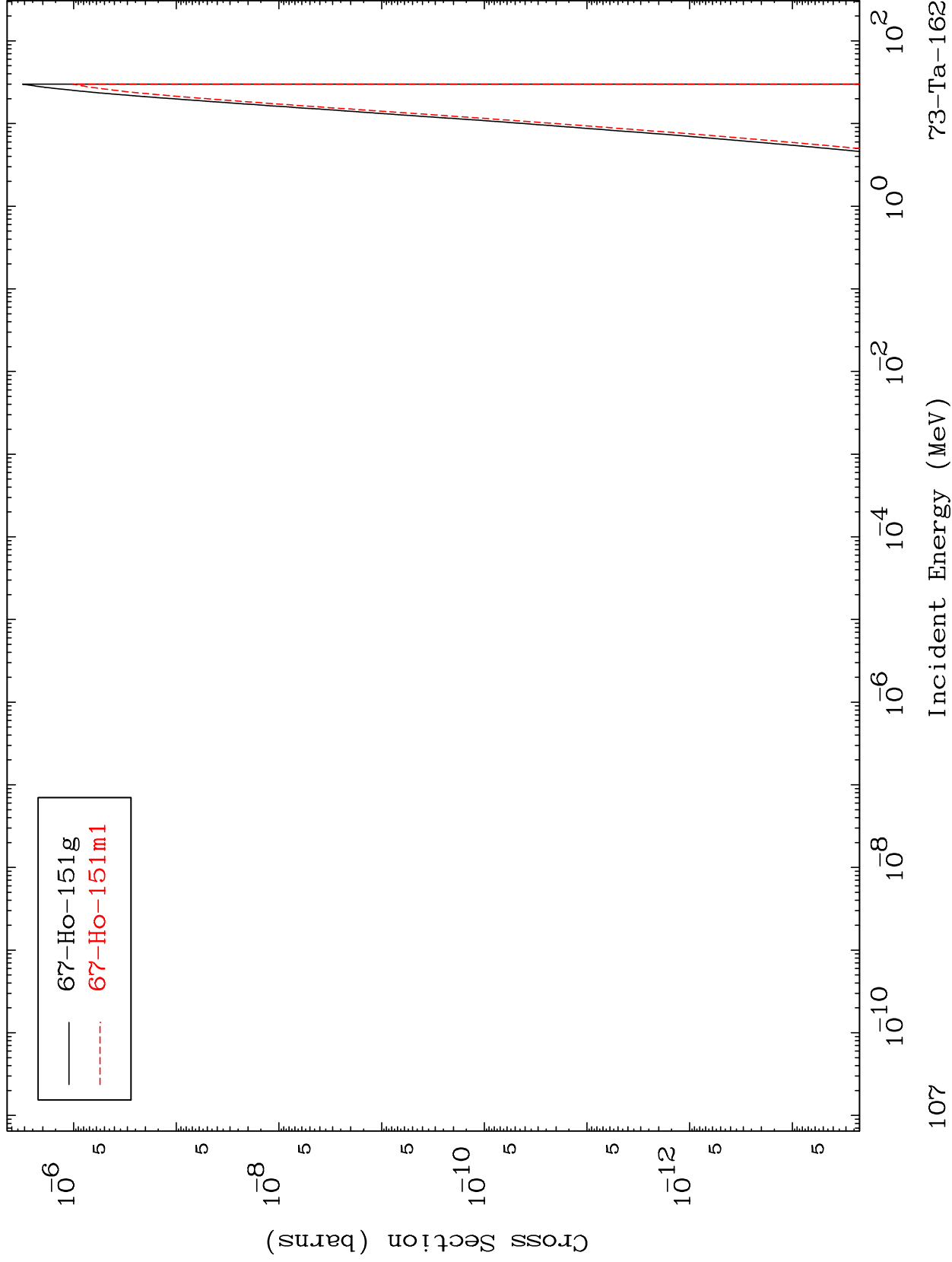
73-Ta-162

MAT 7271

(n,3 α)

⁷³Ta-162

Radionuclide Production Cross Section



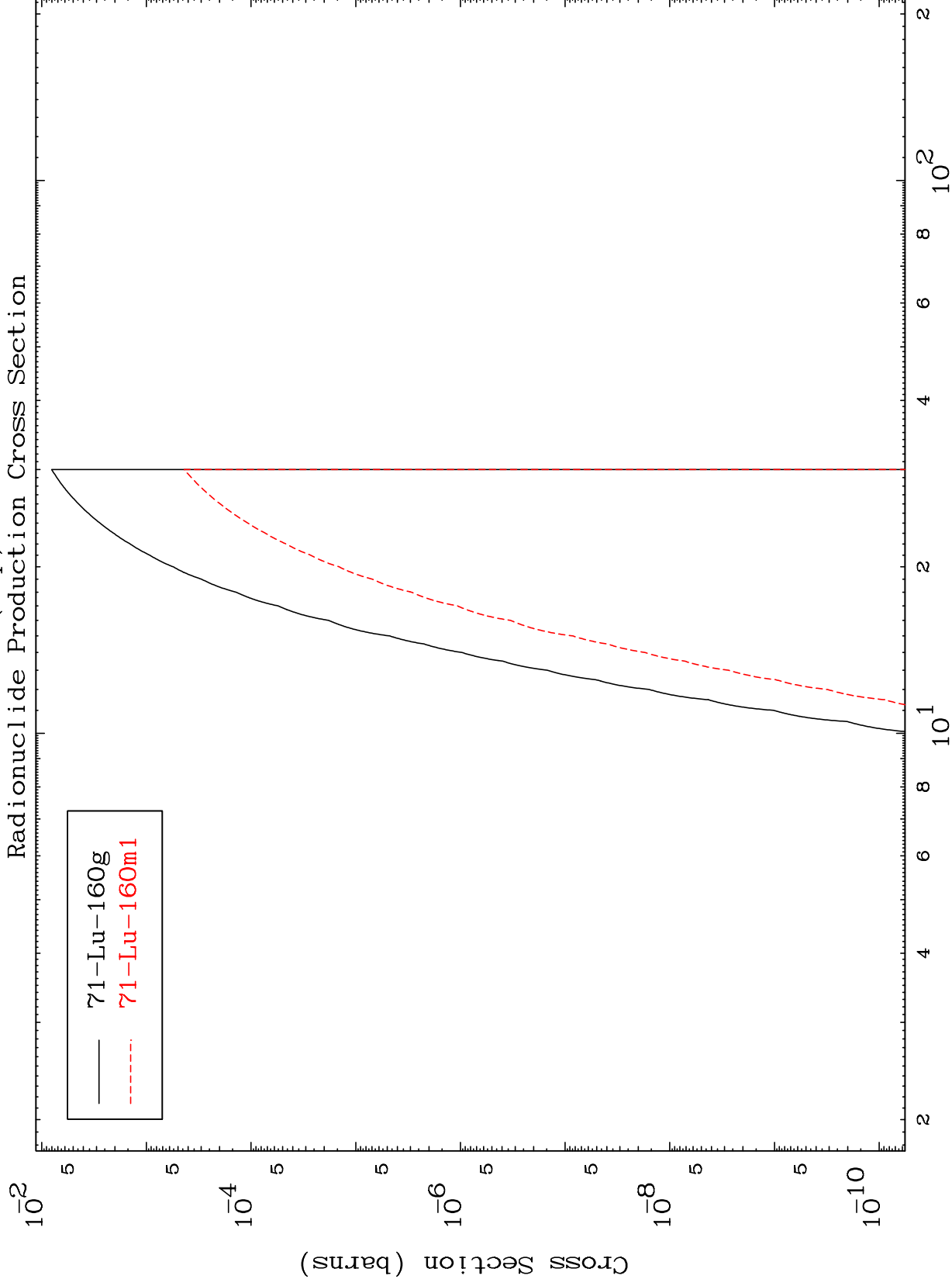
107

MAT 7271

(n,p) d

73-Ta-162

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

108

Incident Energy (MeV)

73-Ta-162