

Program EVALPLOT
(Version 2021-1)

by

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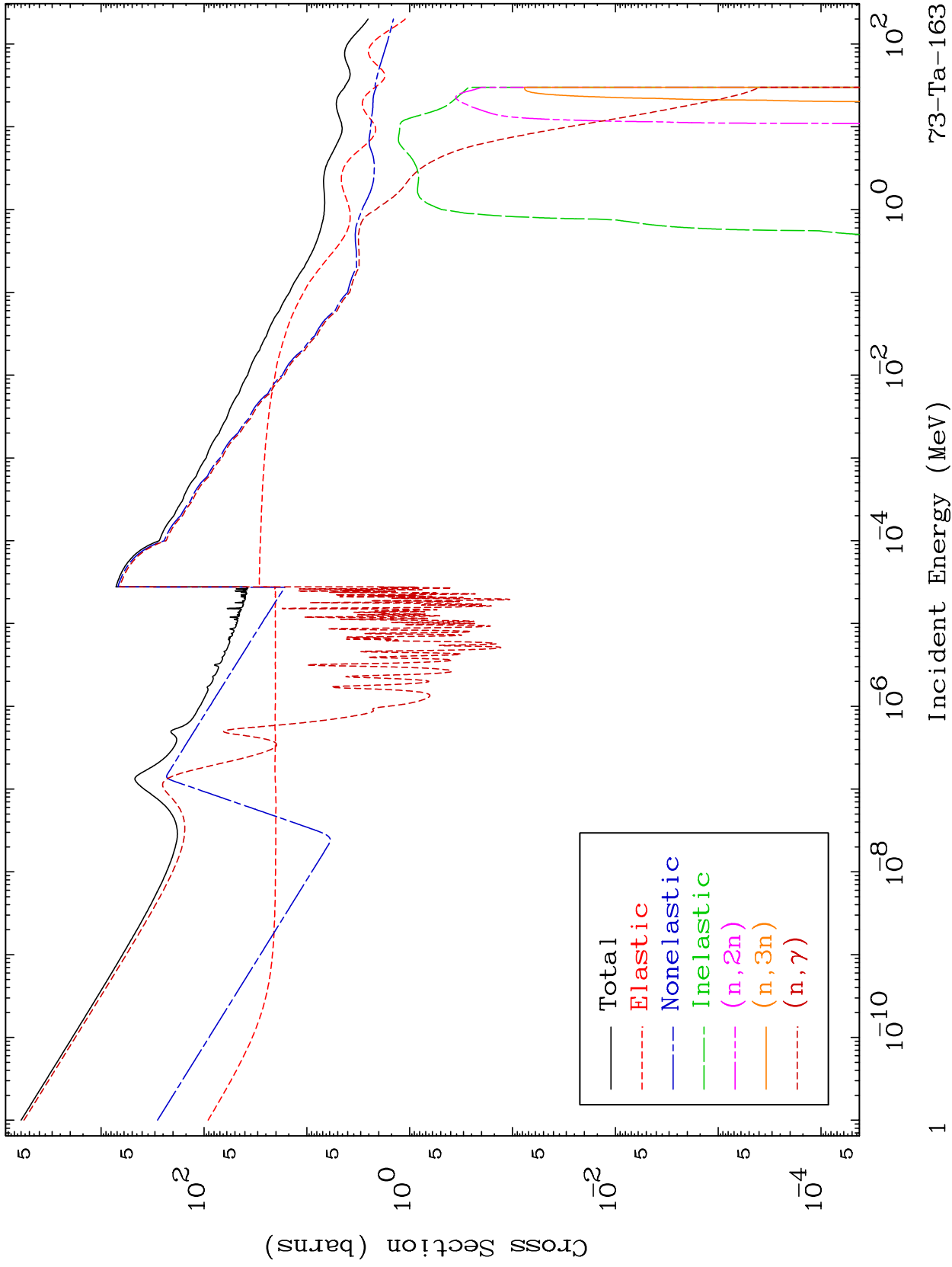
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7274

Neutron Major
293 Kelvin Cross Sections

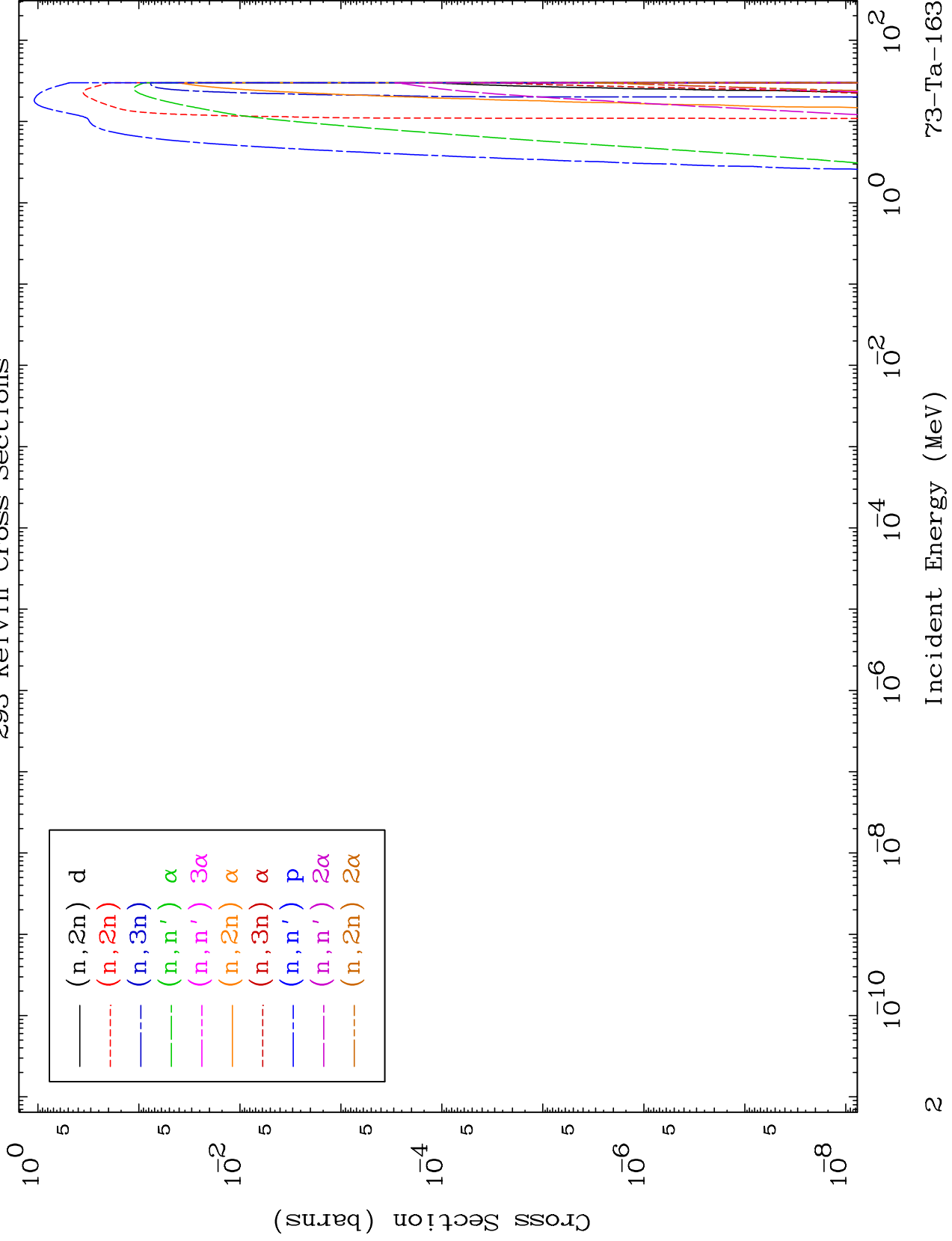
73-Ta-163



MAT 7274

Neutron Absorption
293 Kelvin Cross Sections

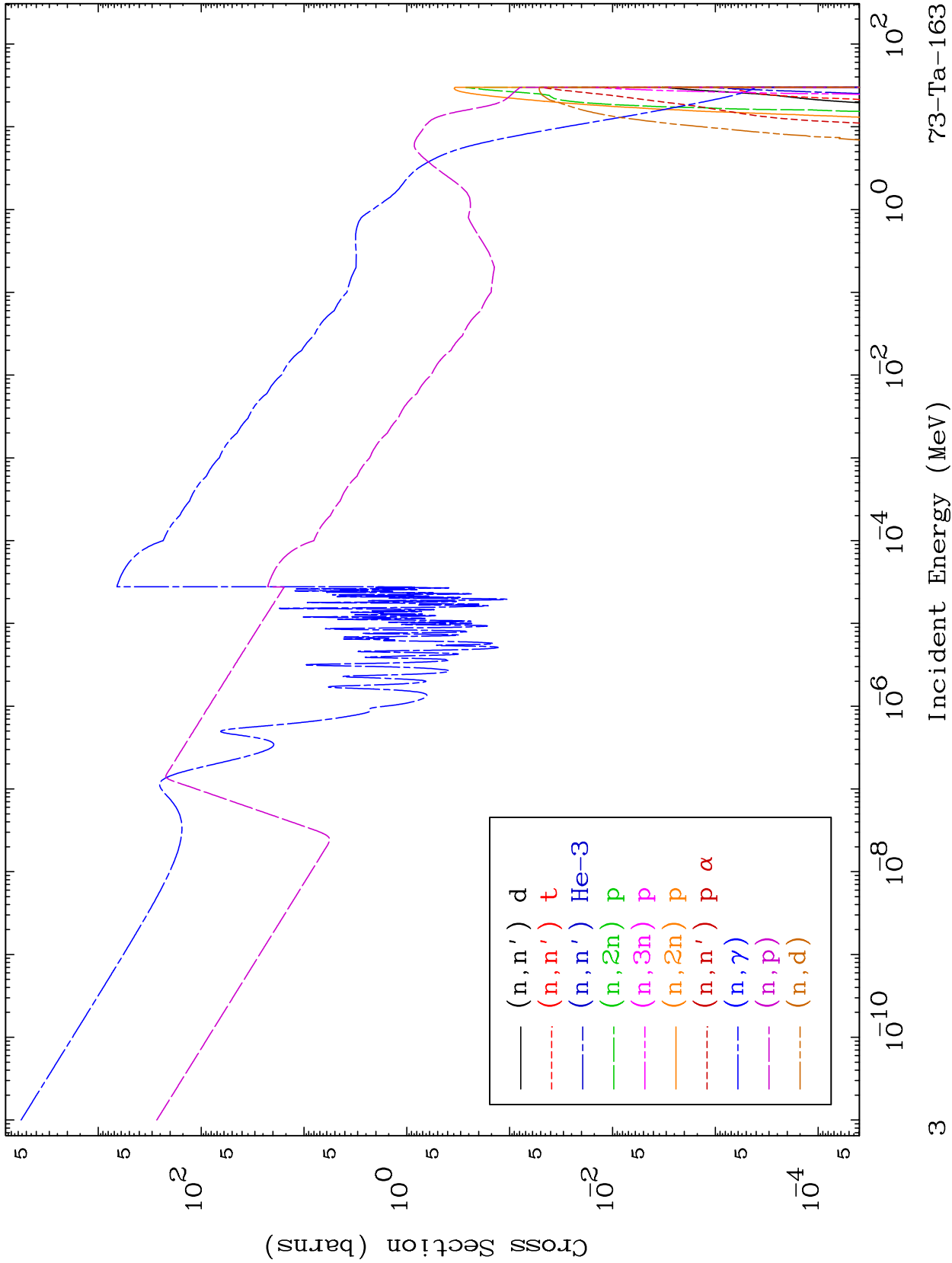
73-Ta-163



MAT 7274

Neutron Absorption
293 Kelvin Cross Sections

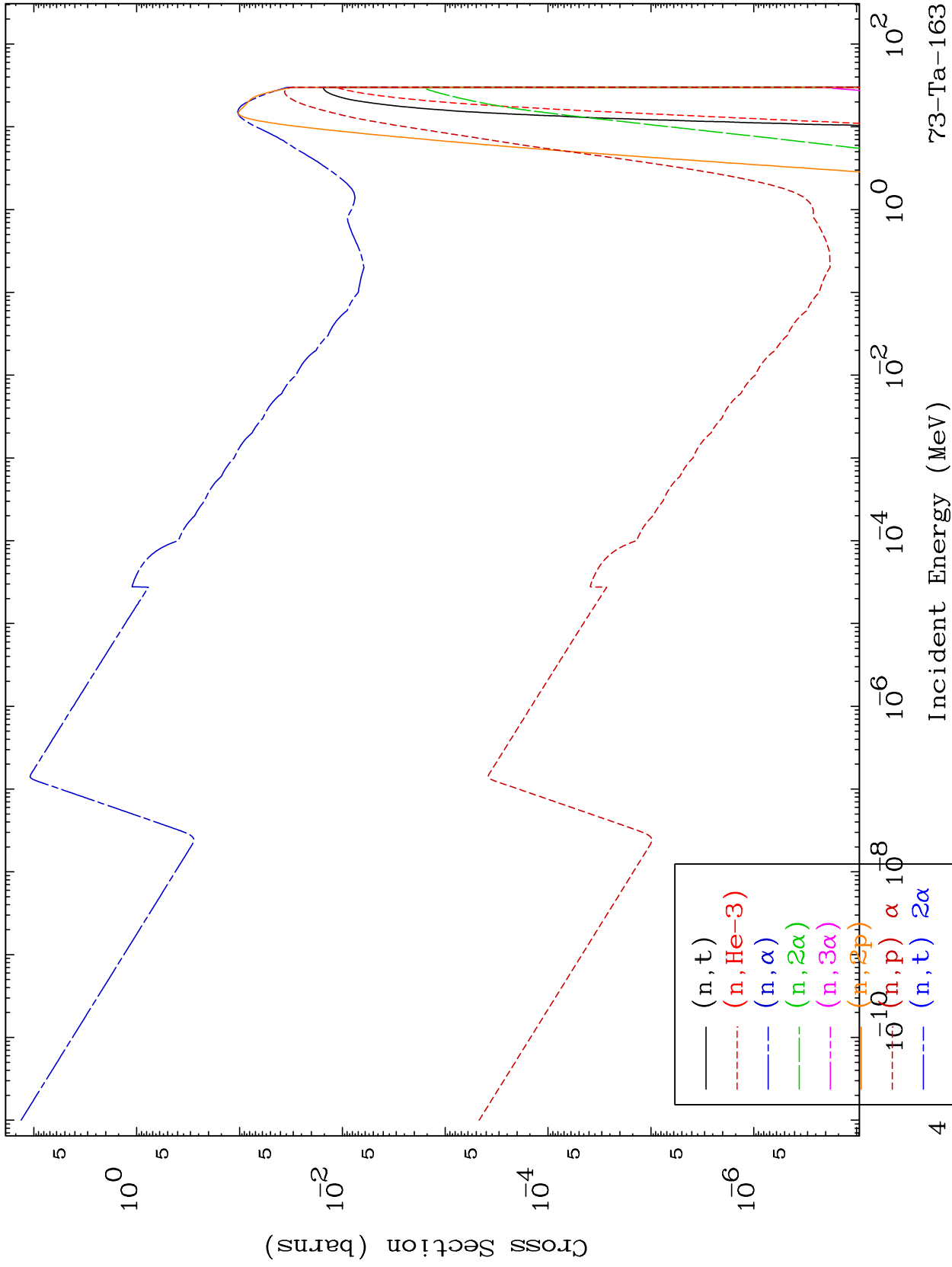
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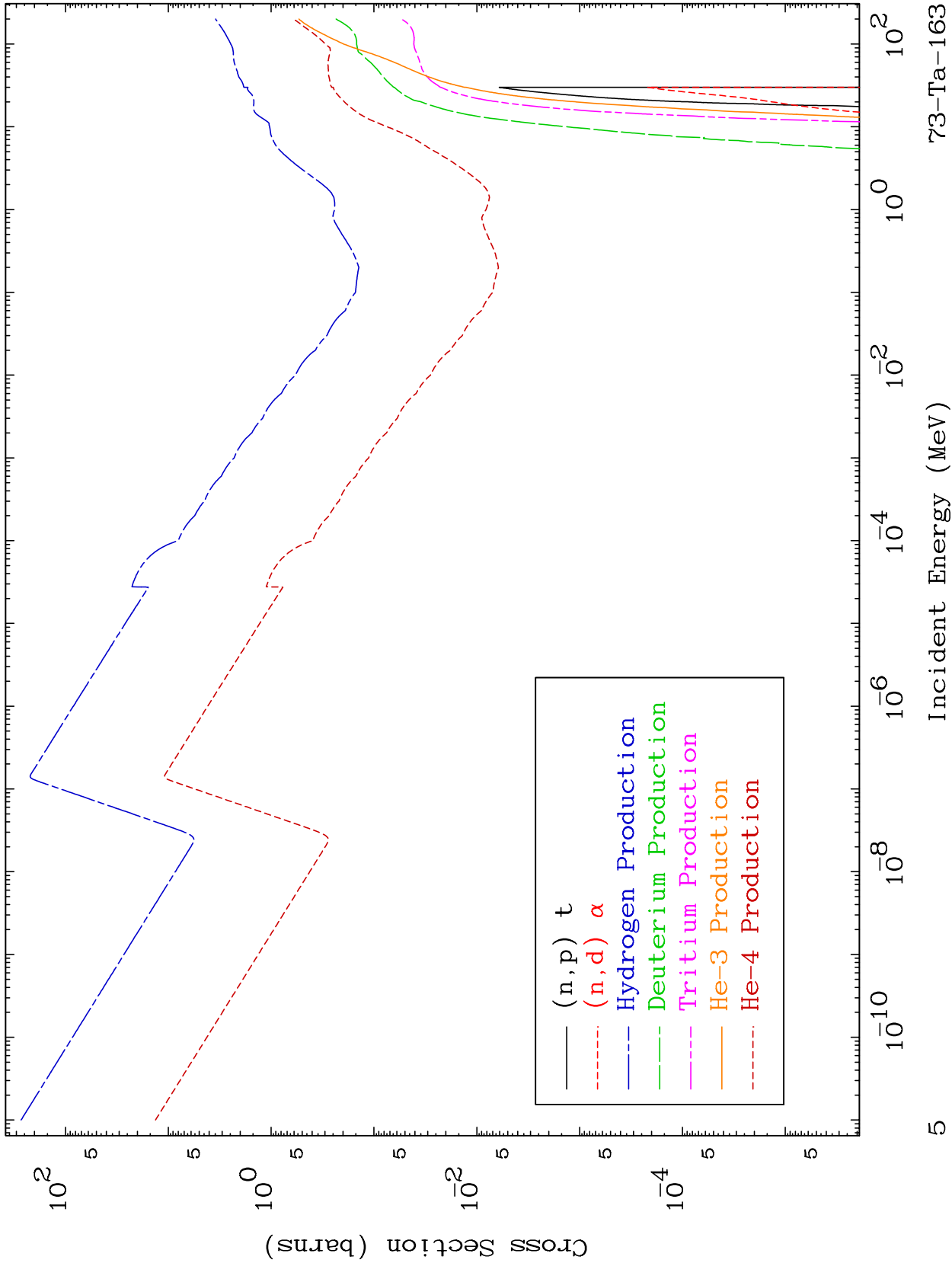


MAT 7274

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-163

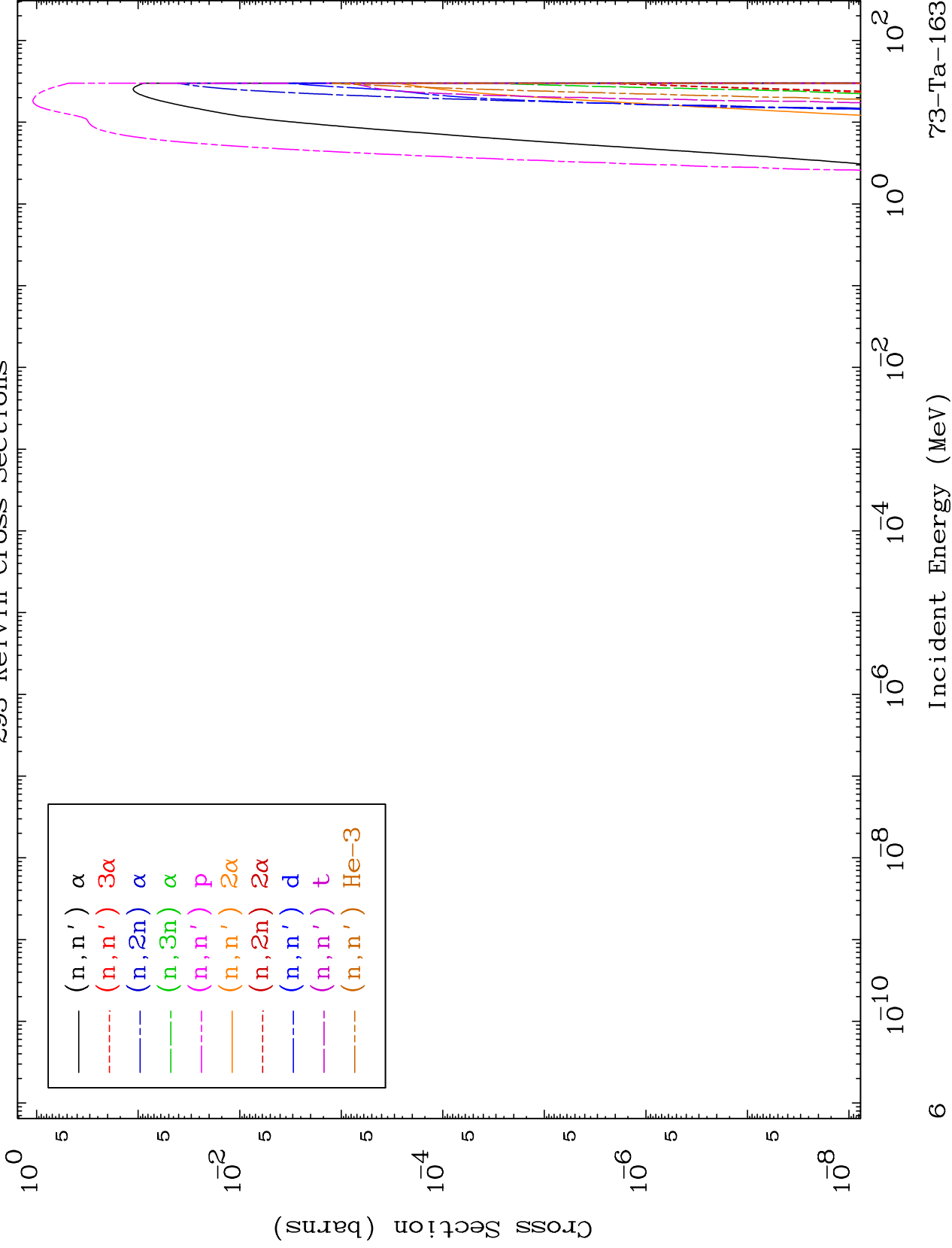




MAT 7274

Charged Particle
293 Kelvin Cross Sections

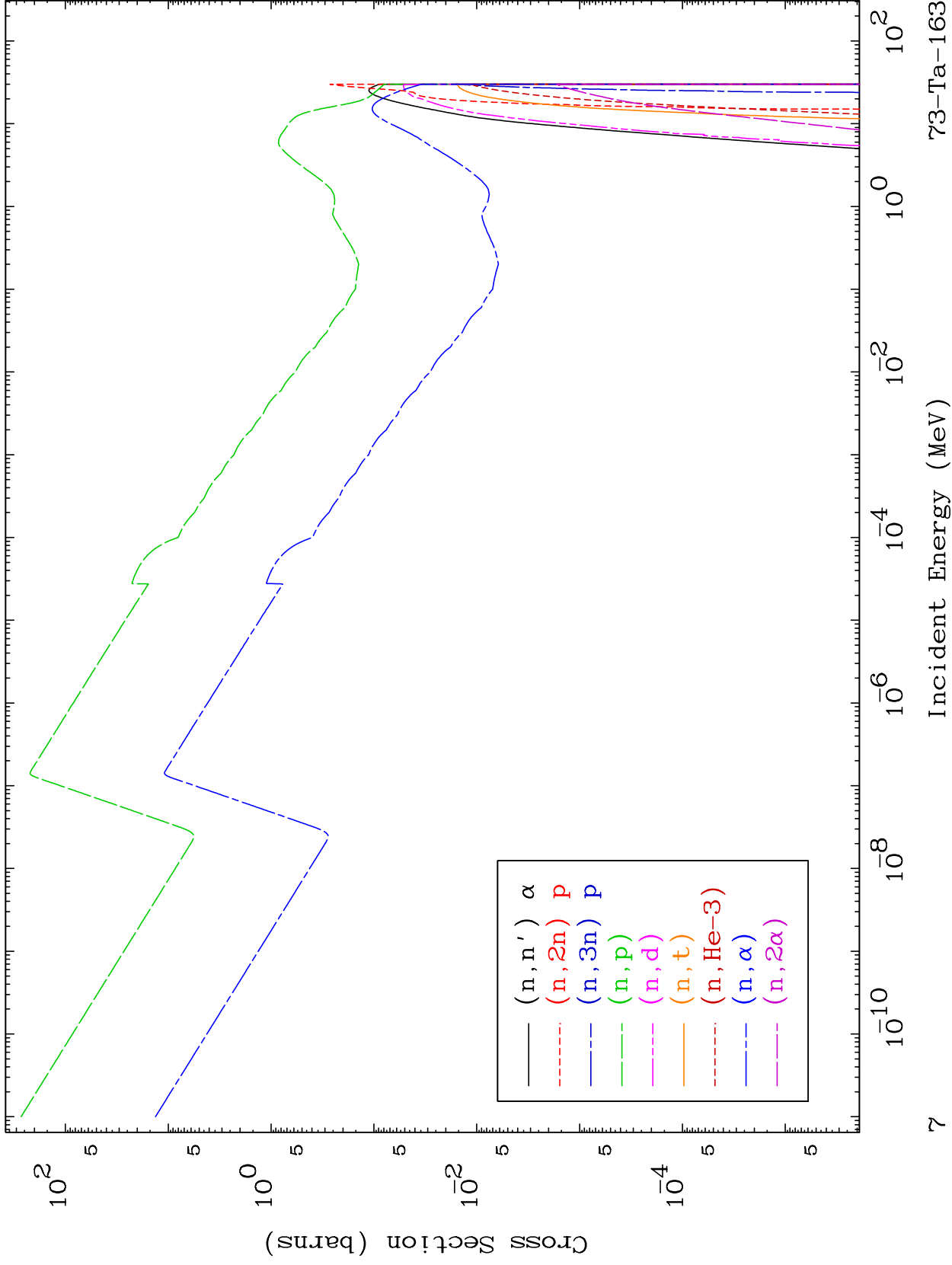
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

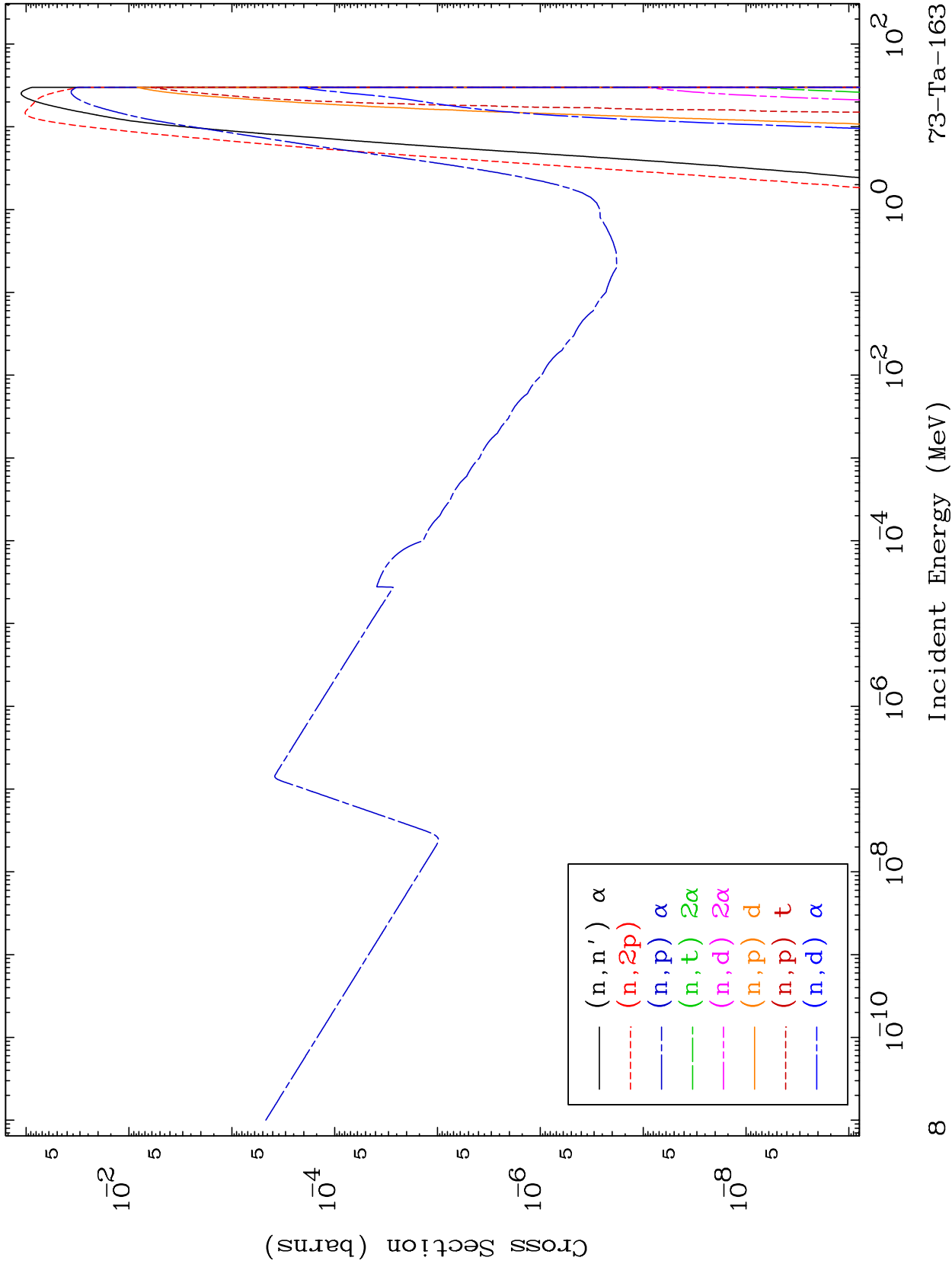
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

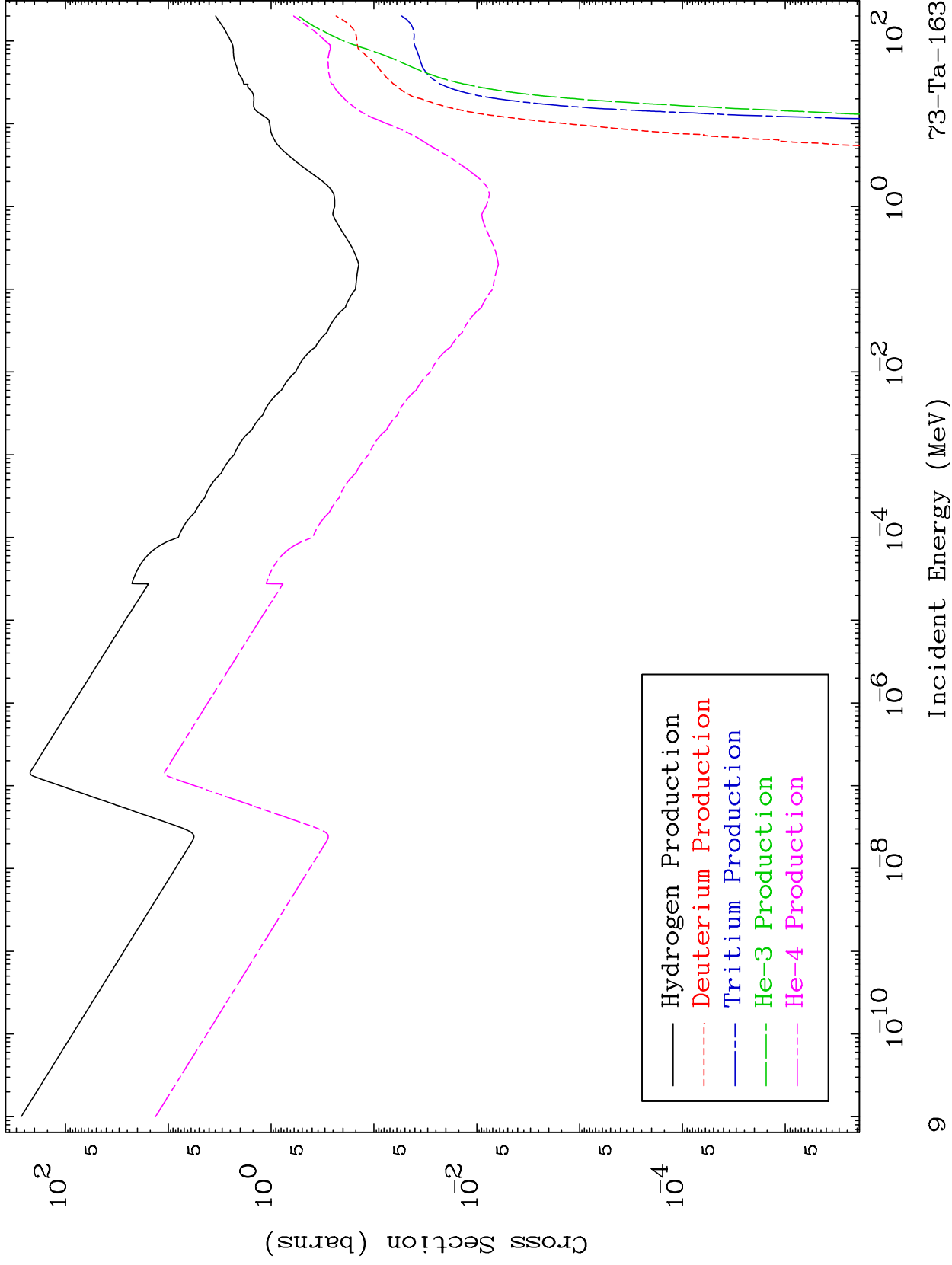
73-Ta-163



MAT 7274

Particle Production
293 Kelvin Cross Sections

73-Ta-163

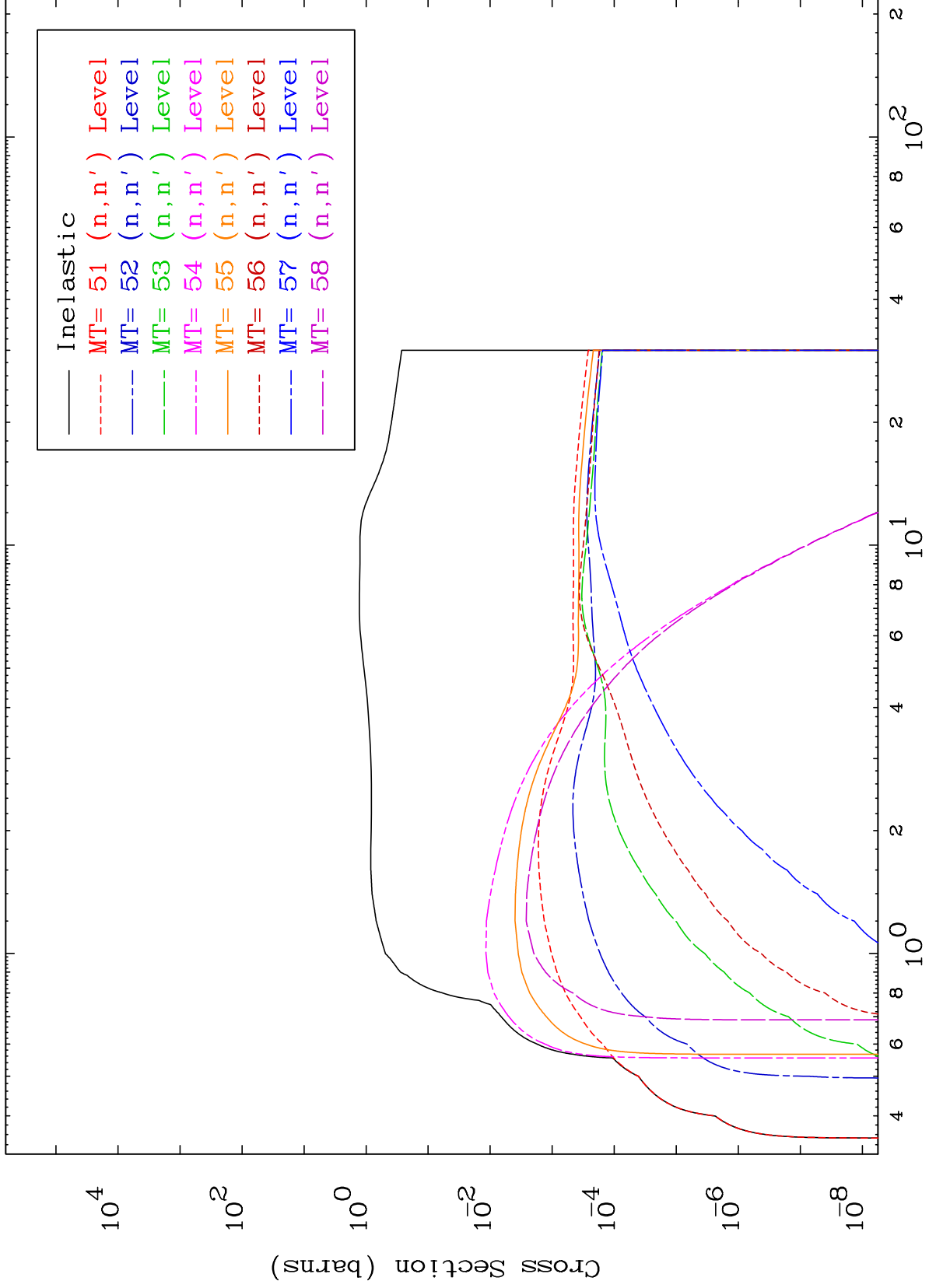


MAT 7274

(n,n') Levels

73-Ta-163

293 Kelvin Cross Sections



10

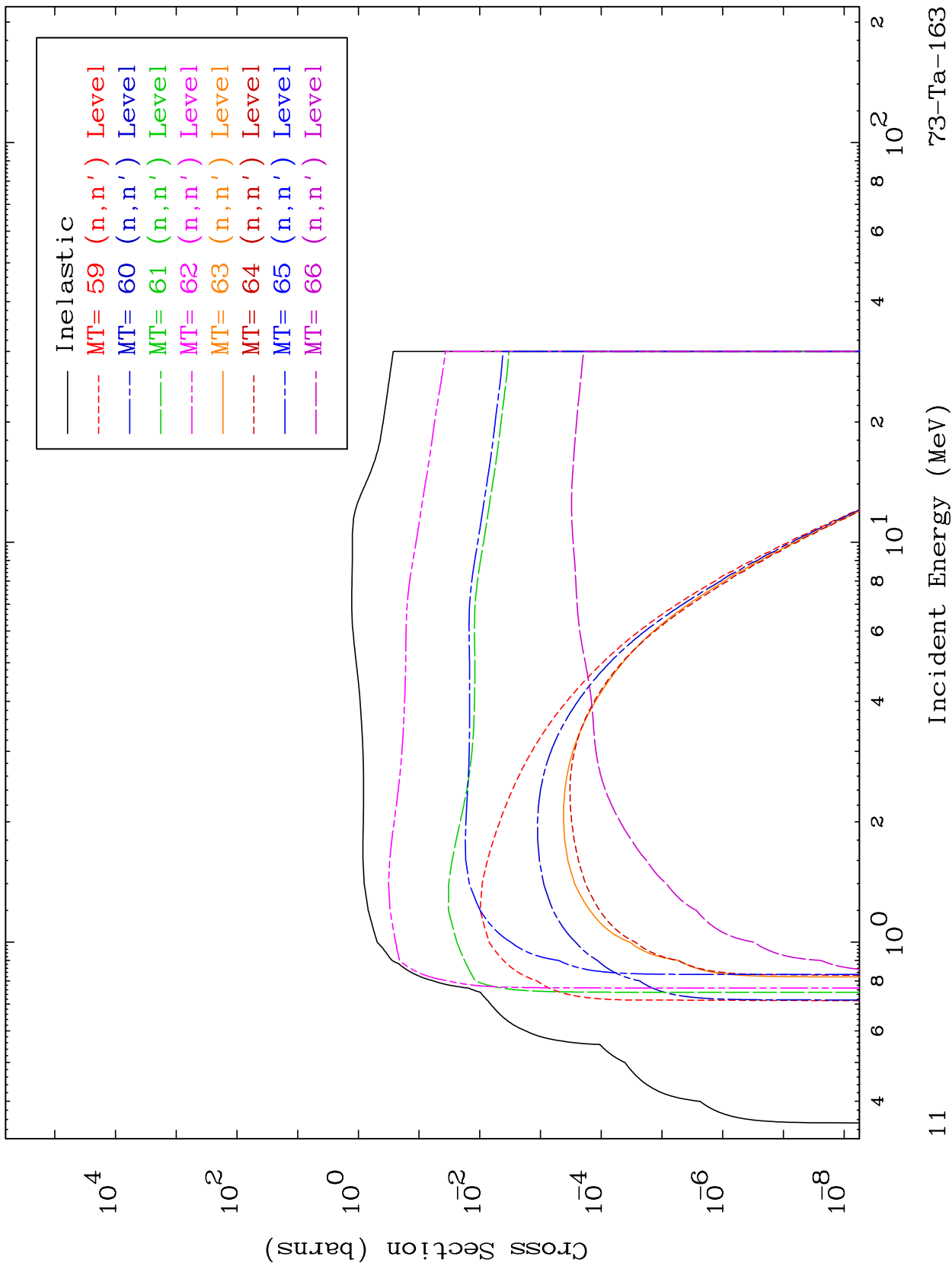
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-163



11

Incident Energy (MeV)

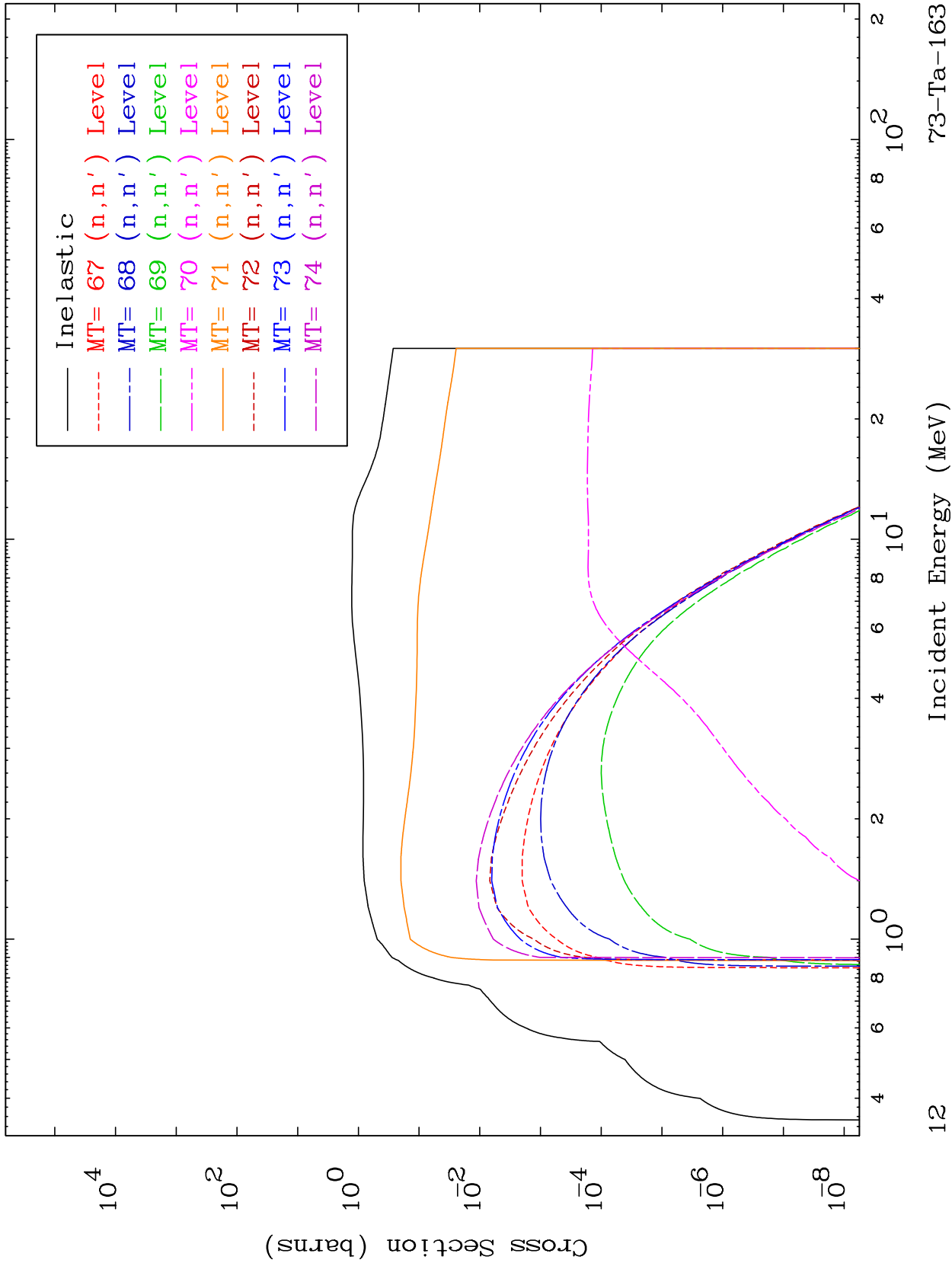
73-Ta-163

MAT 7274

(n,n') Levels

73-Ta-163

293 Kelvin Cross Sections



12

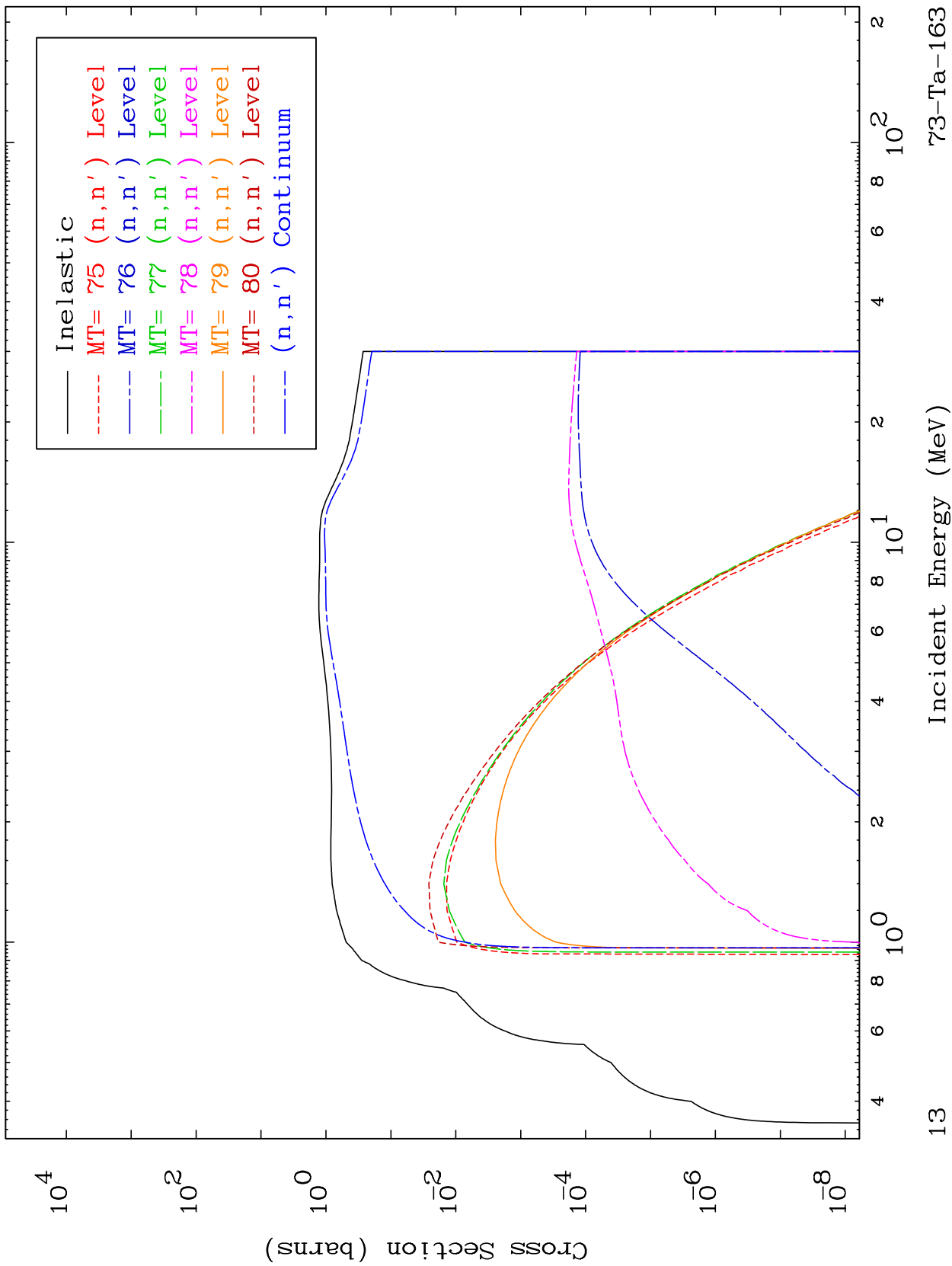
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-163



13

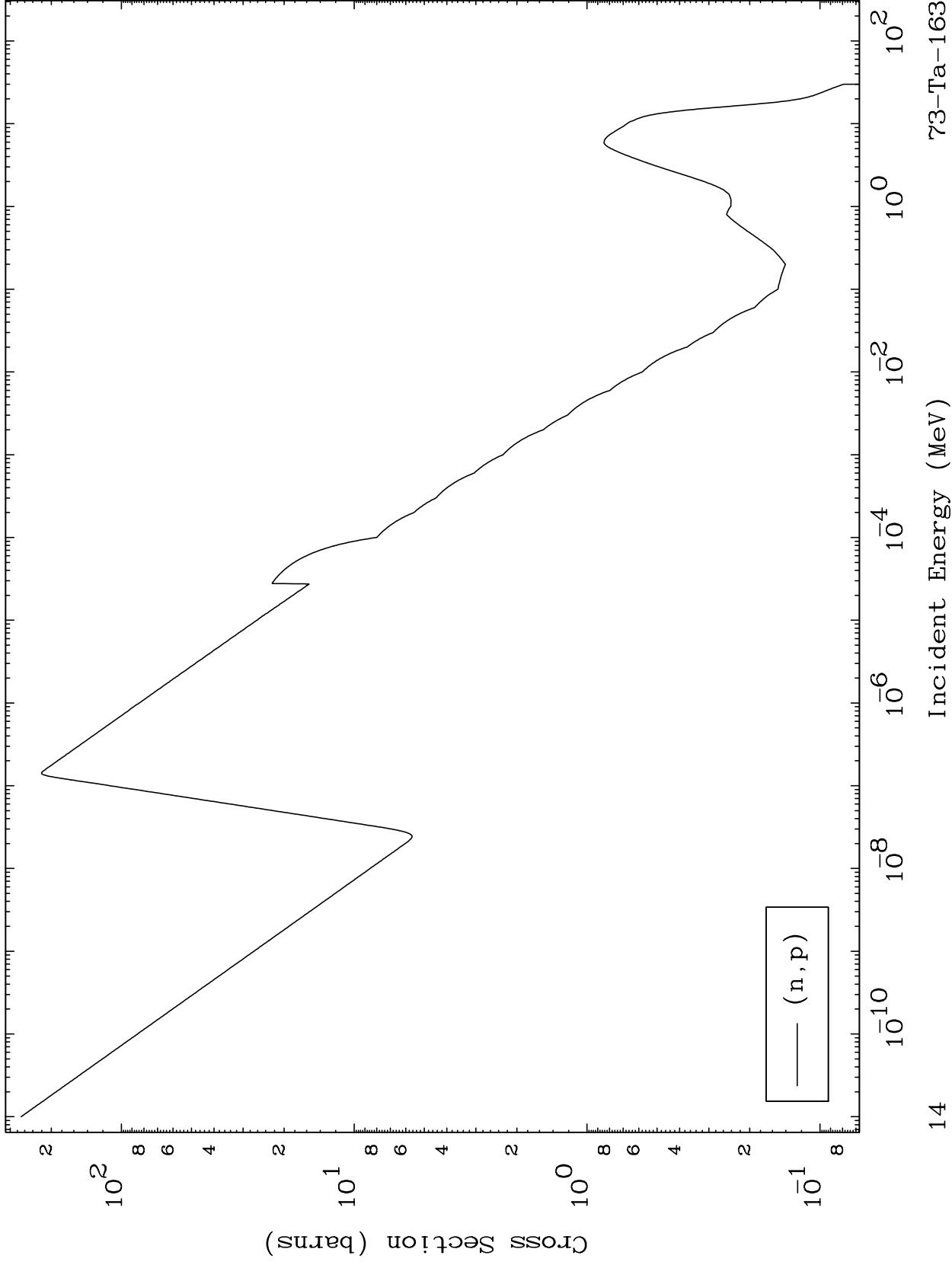
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-163



14

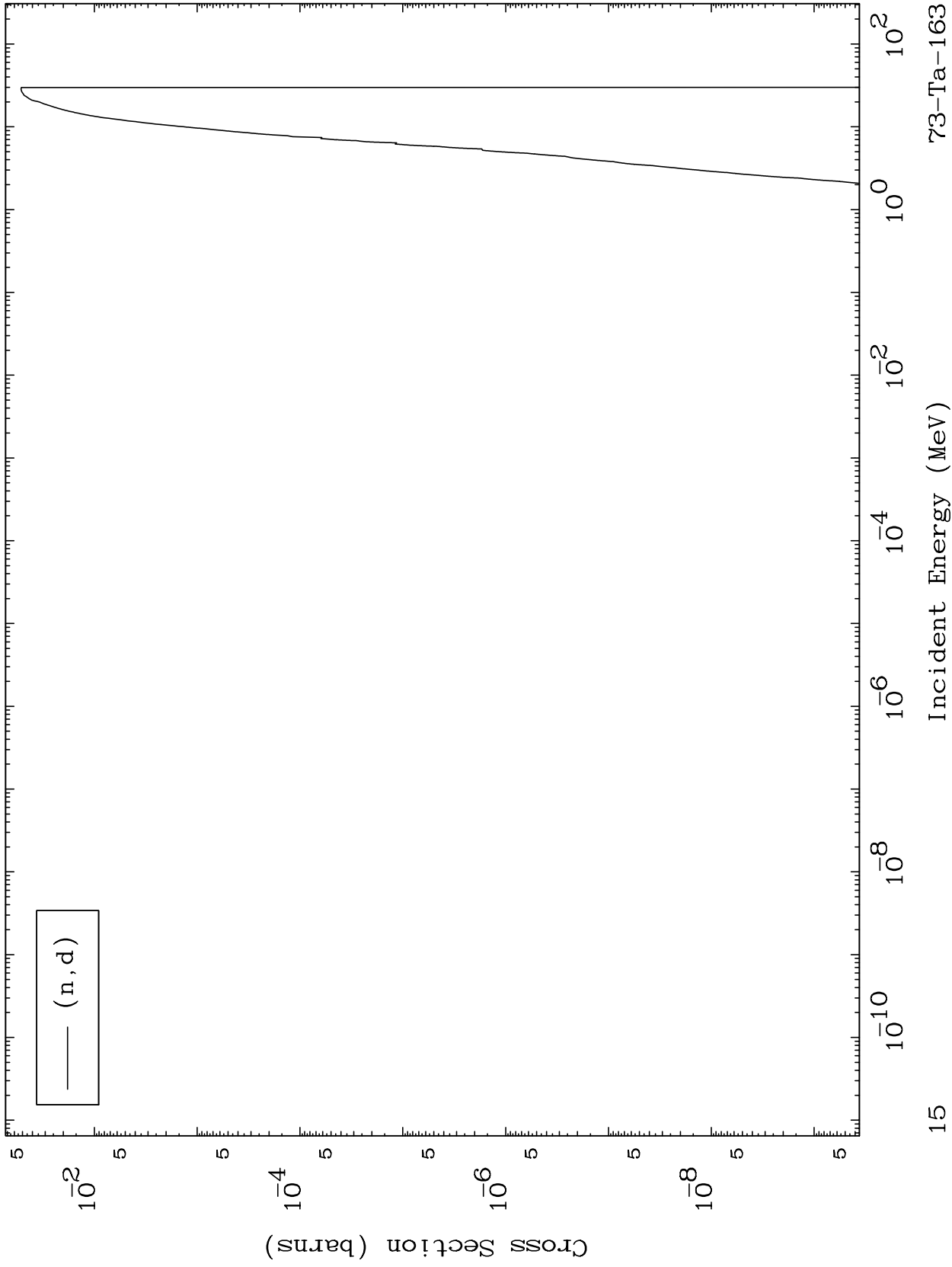
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,d) Levels
293 Kelvin Cross Sections

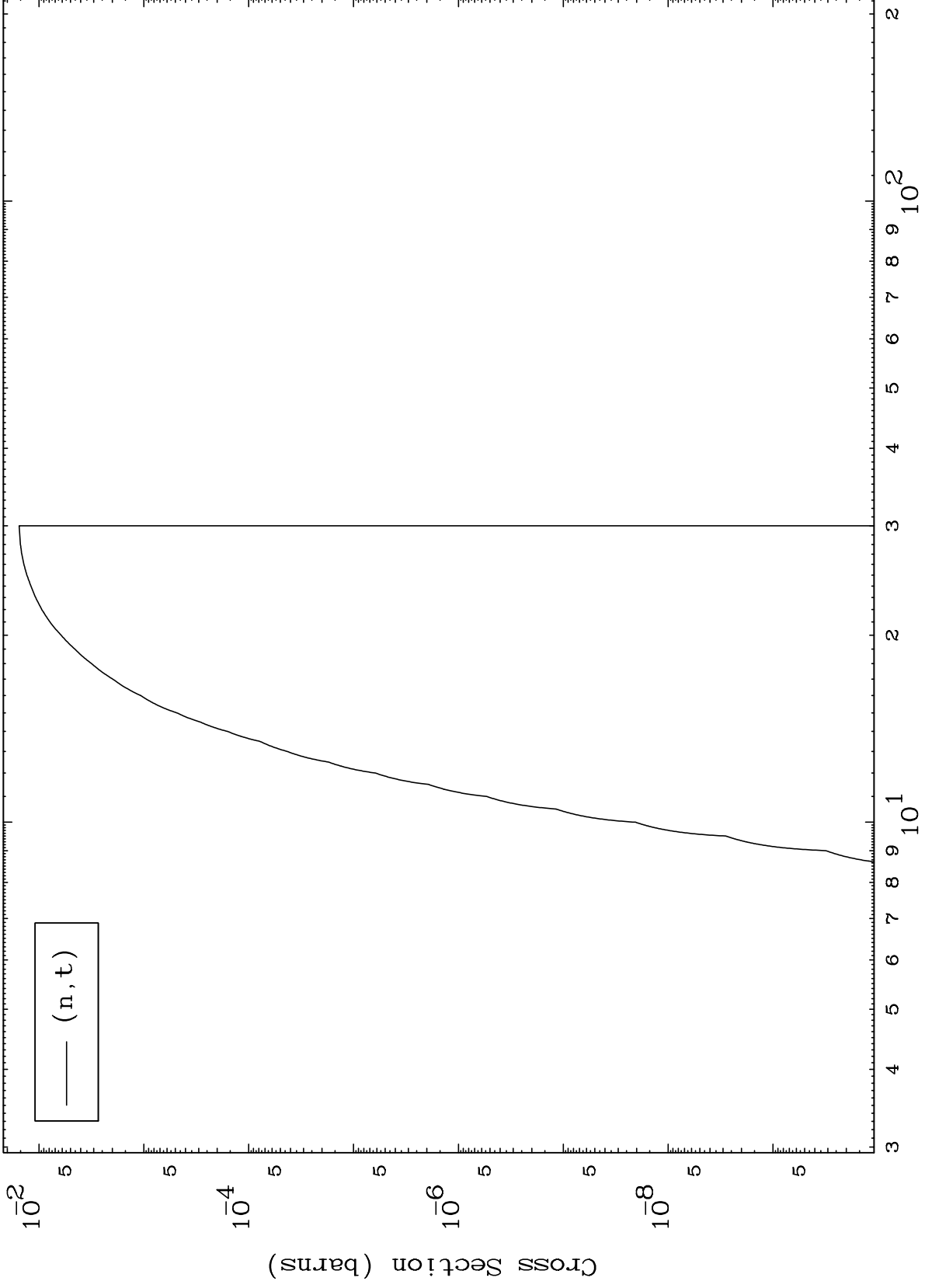
73-Ta-163



MAT 7274

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-163



16

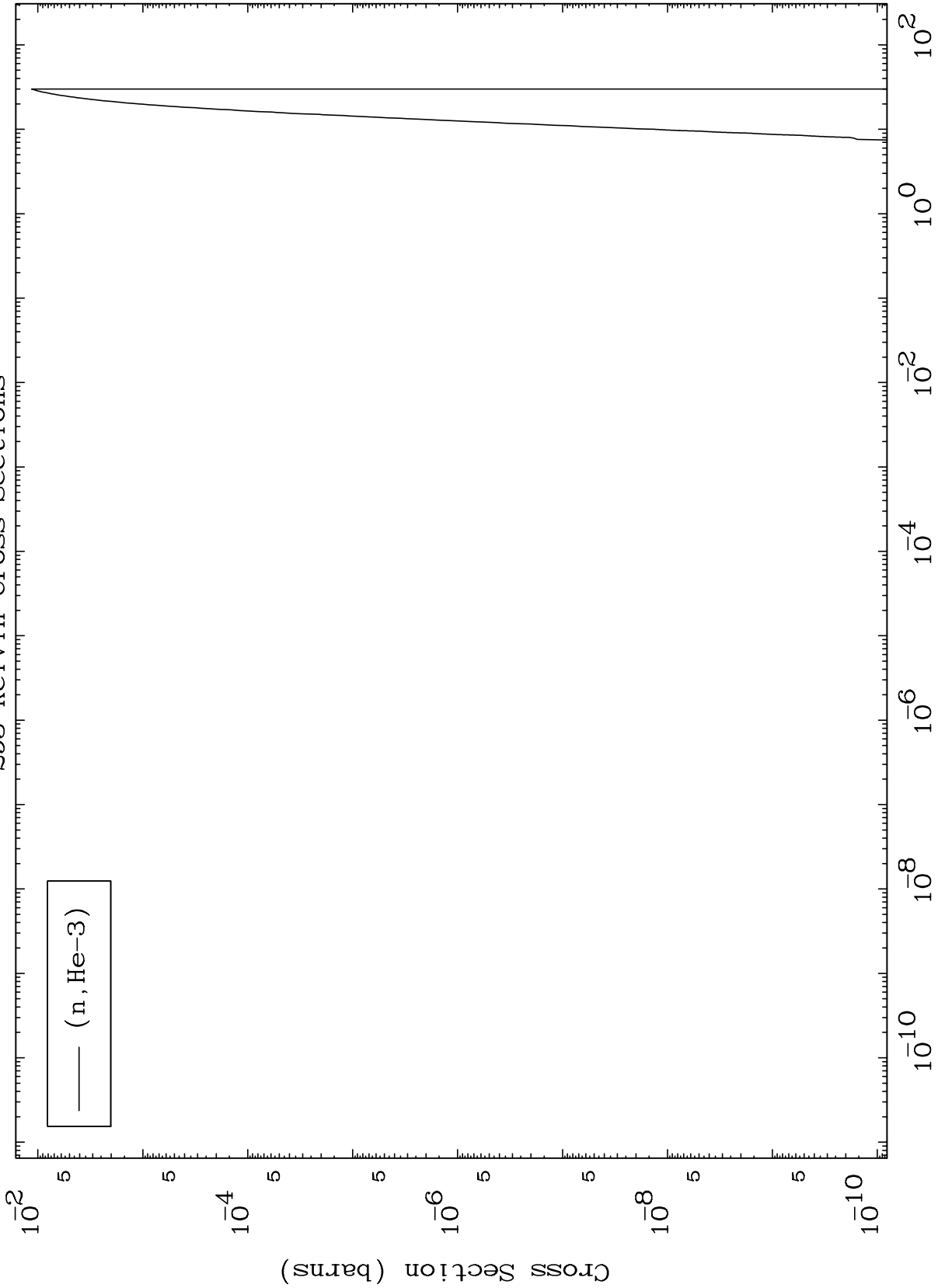
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,He3) Levels
293 Kelvin Cross Sections

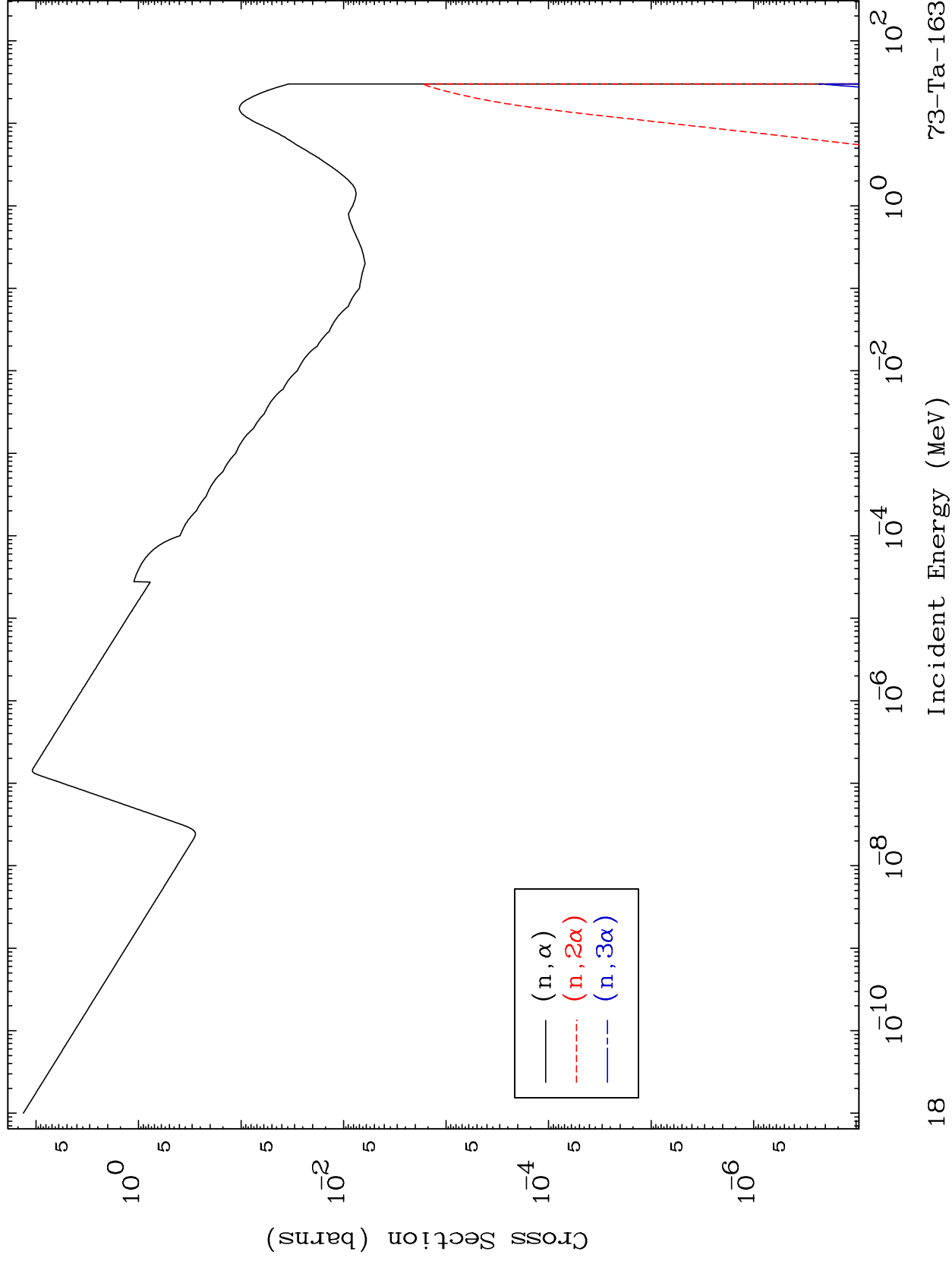
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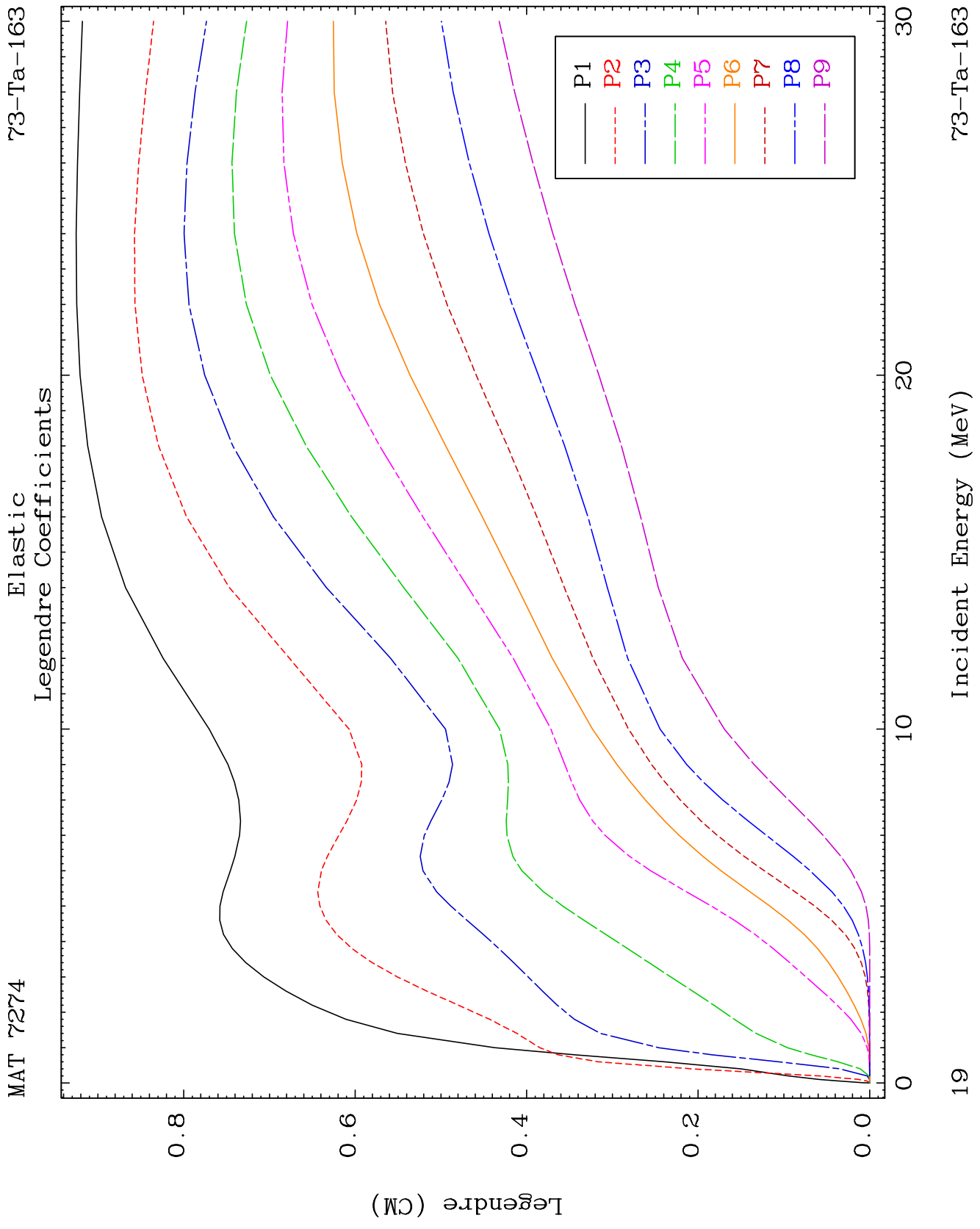


MAT 7274

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-163

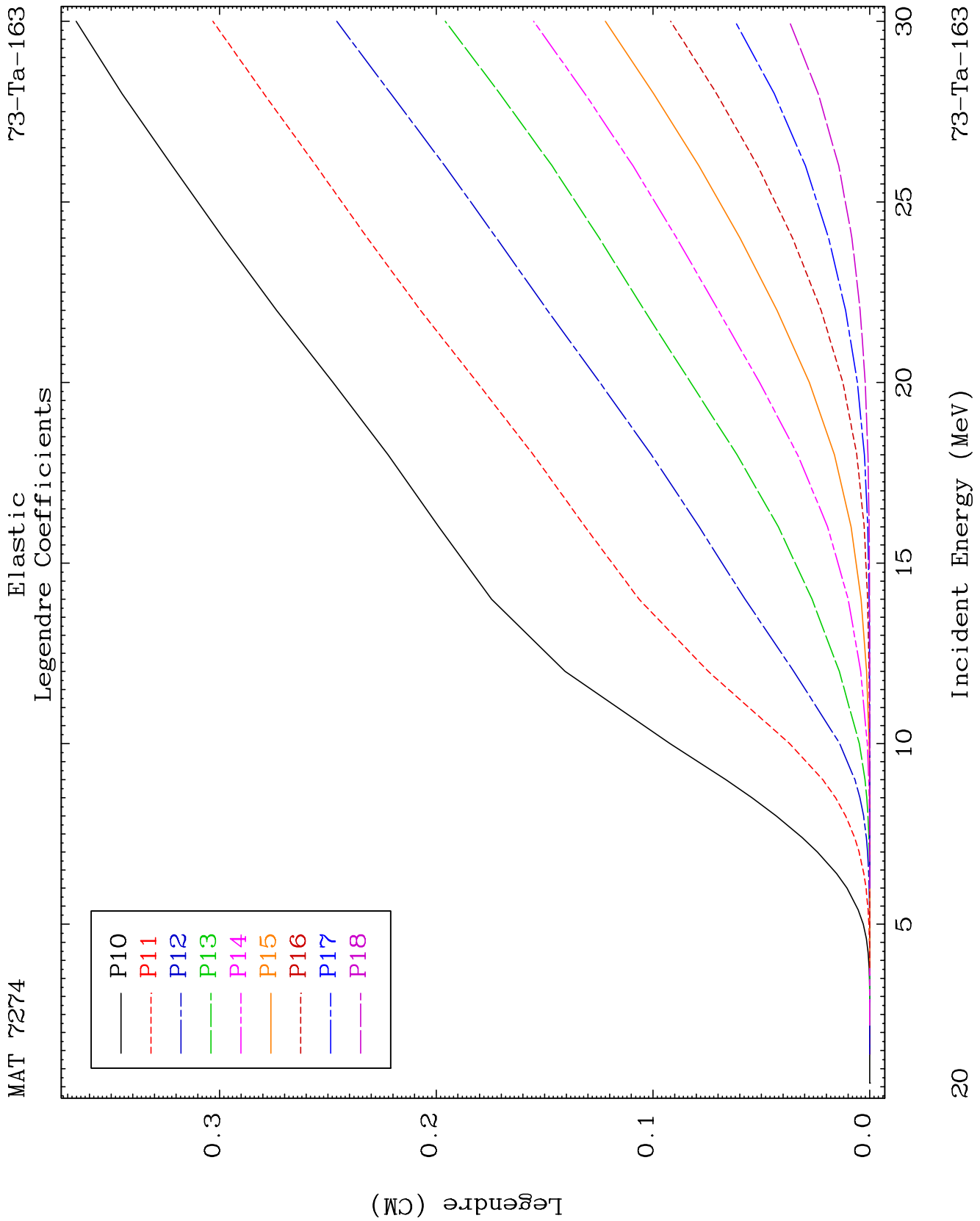


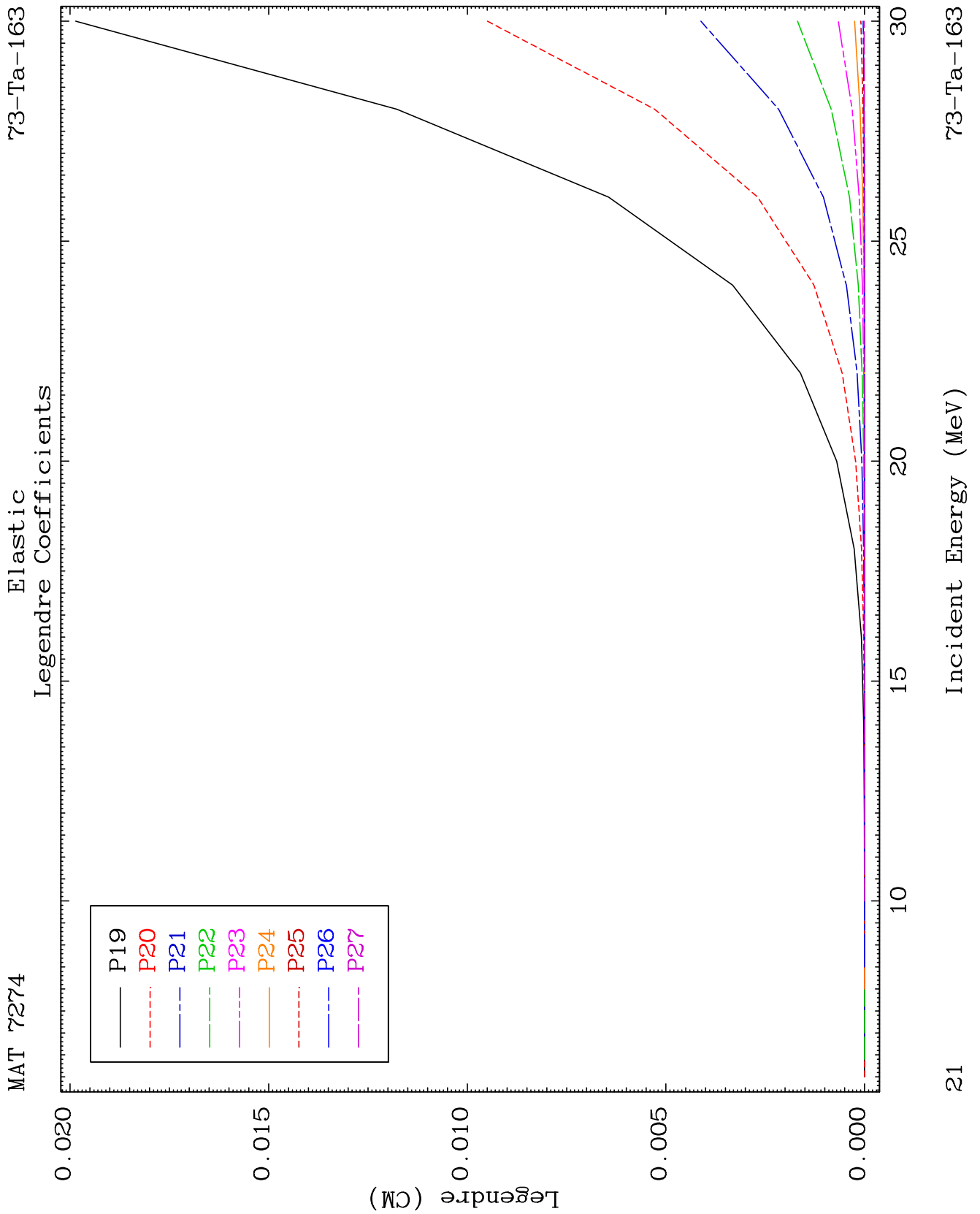


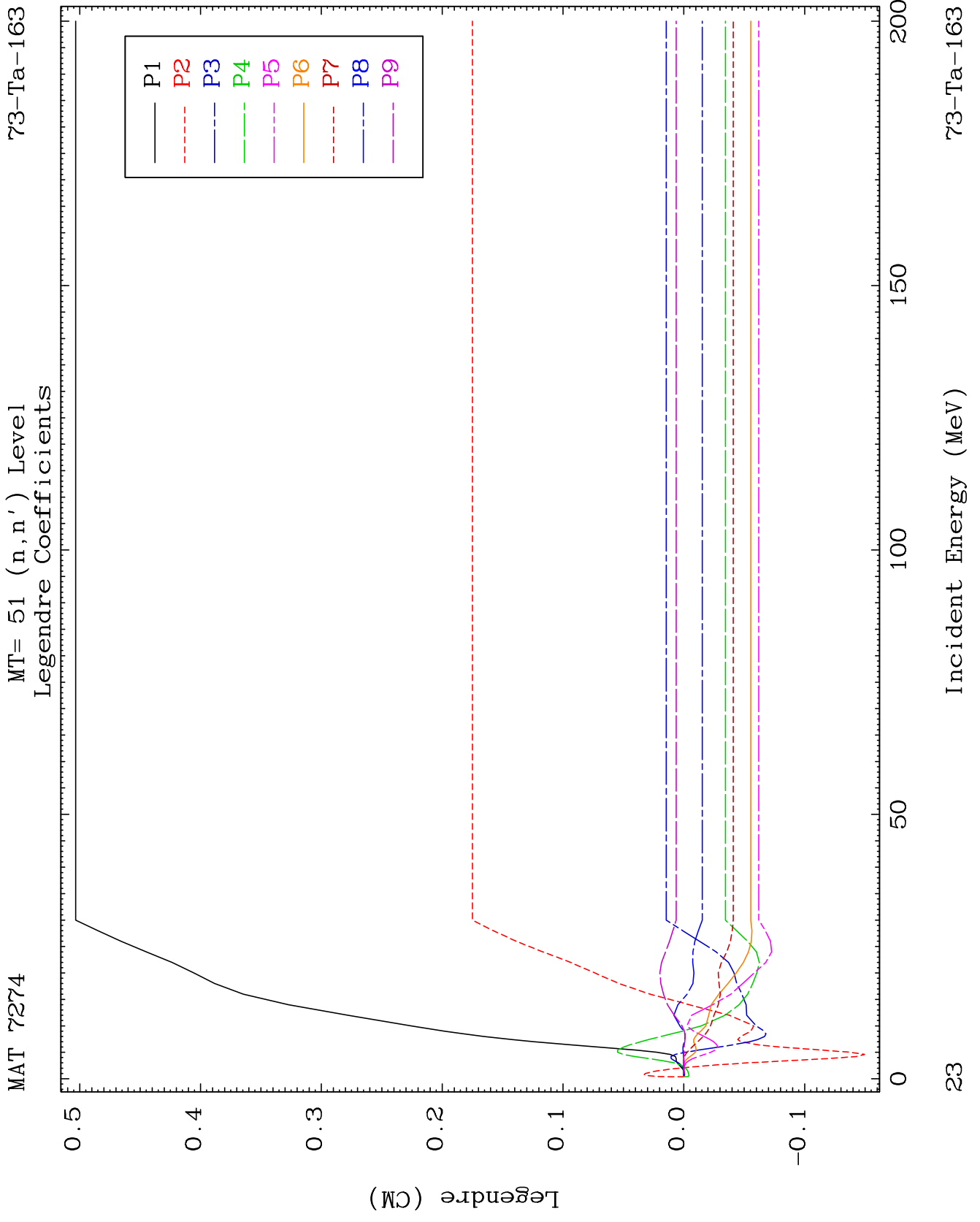
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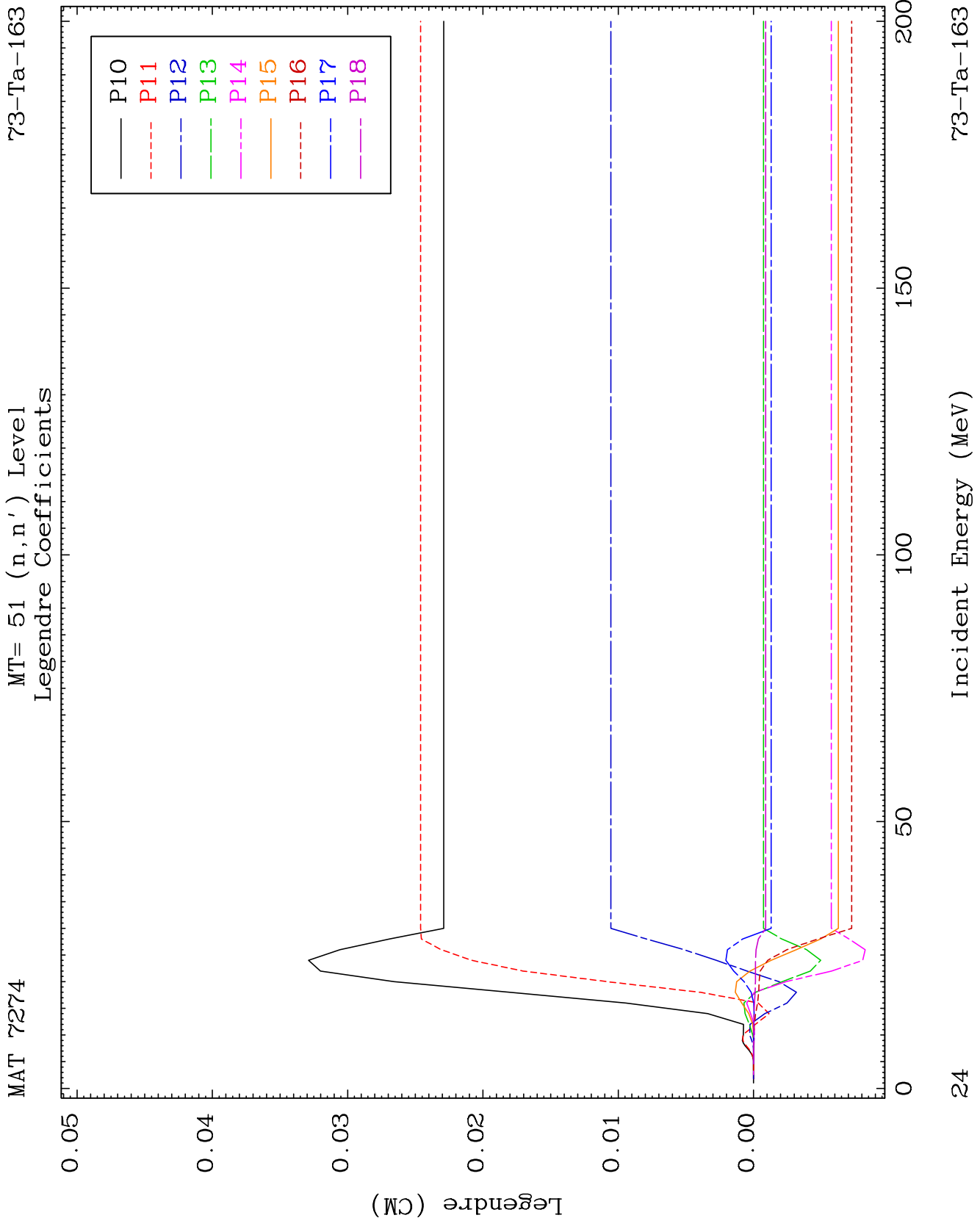
Incident Energy (MeV)

19





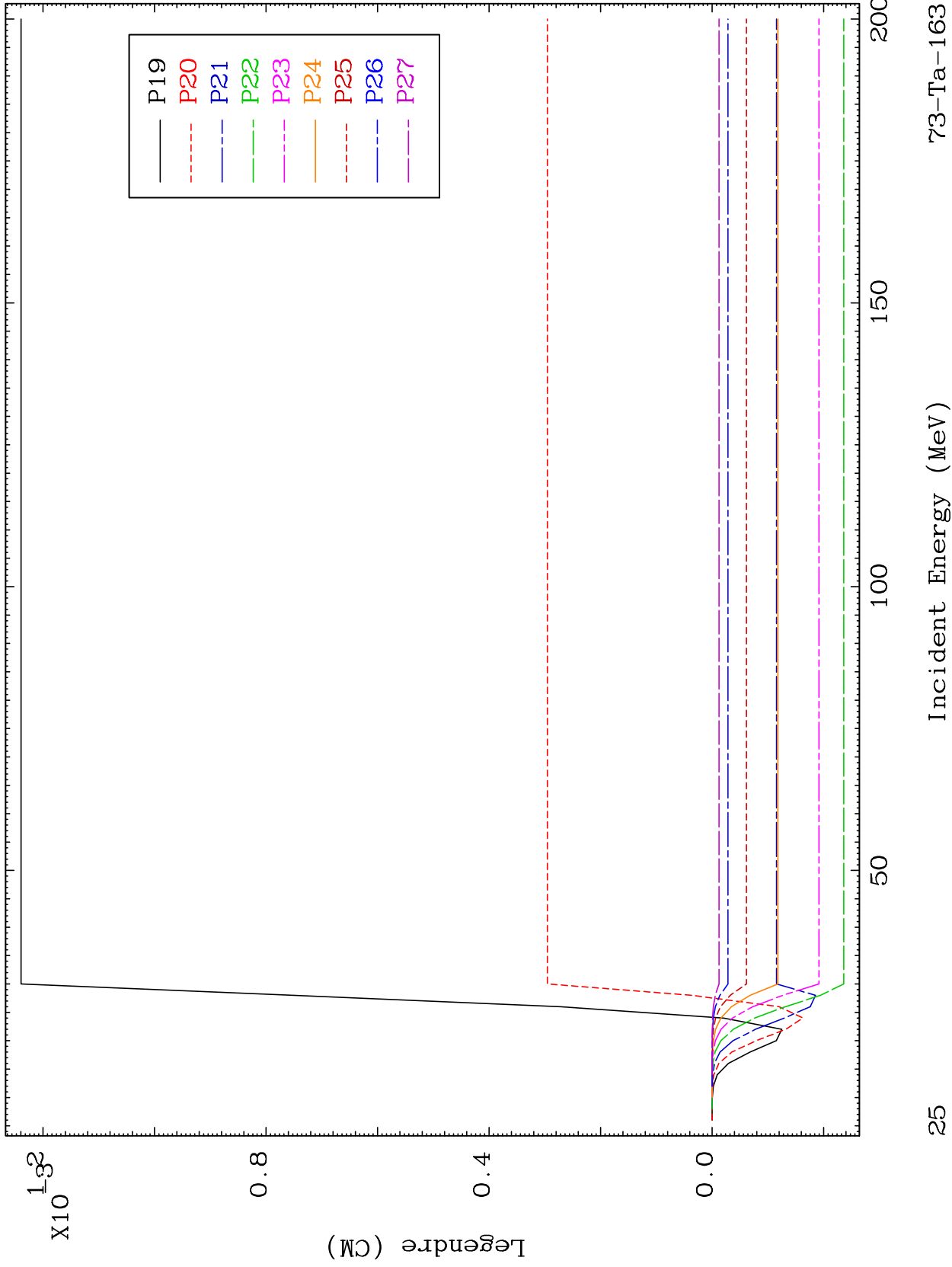




MAT 7274

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

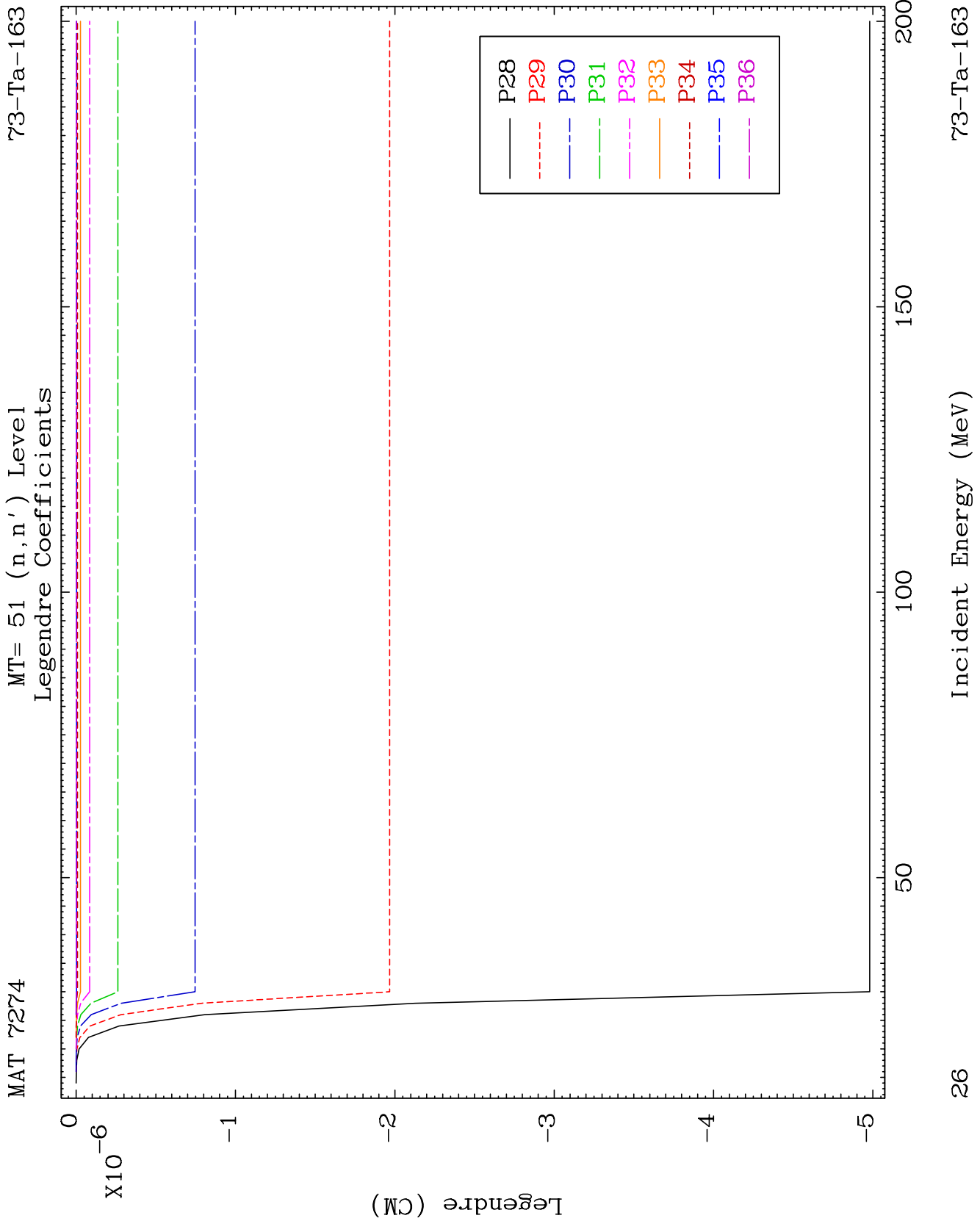
73-Ta-163



25

Incident Energy (MeV)

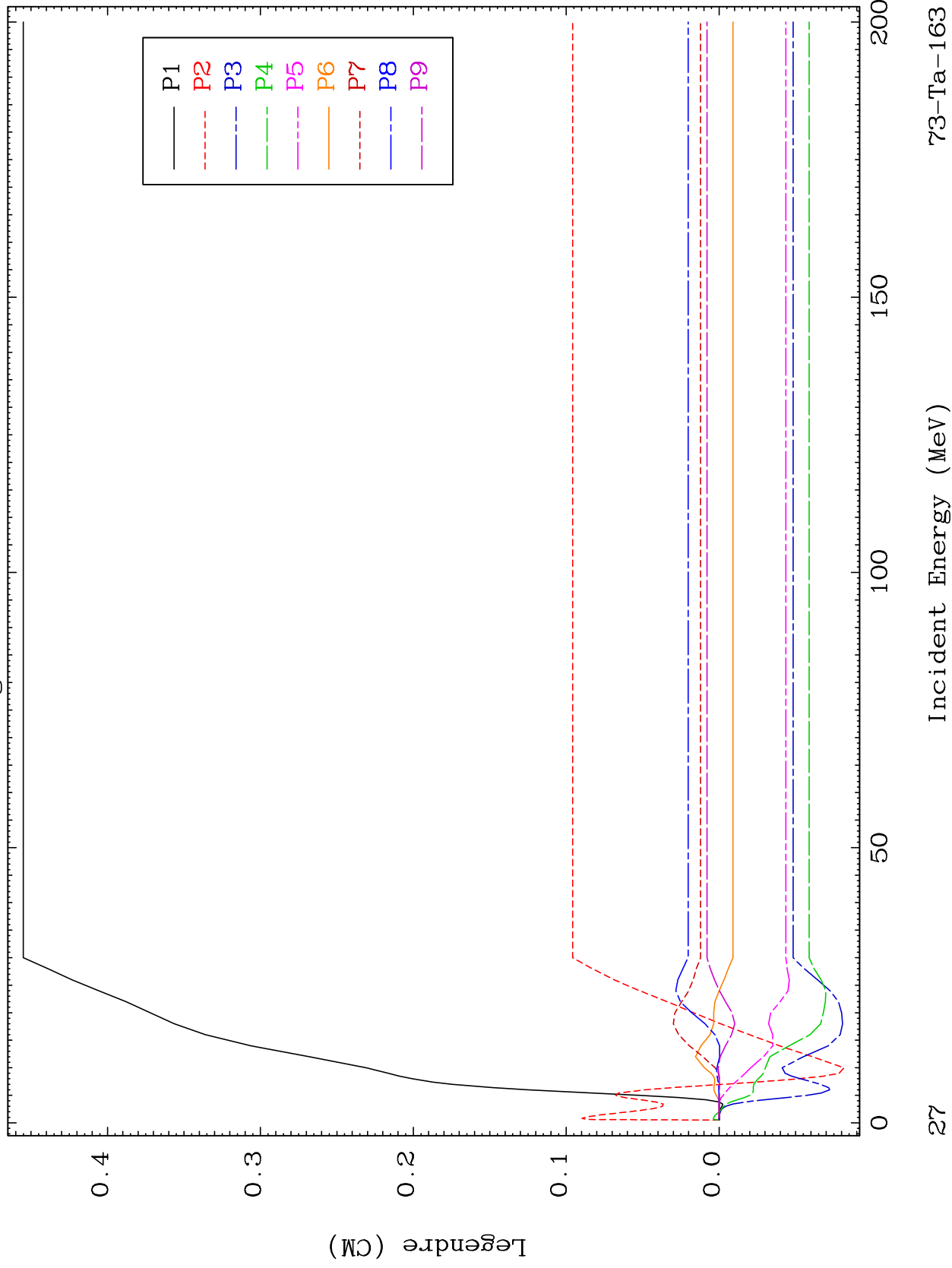
73-Ta-163



MAT 7274

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

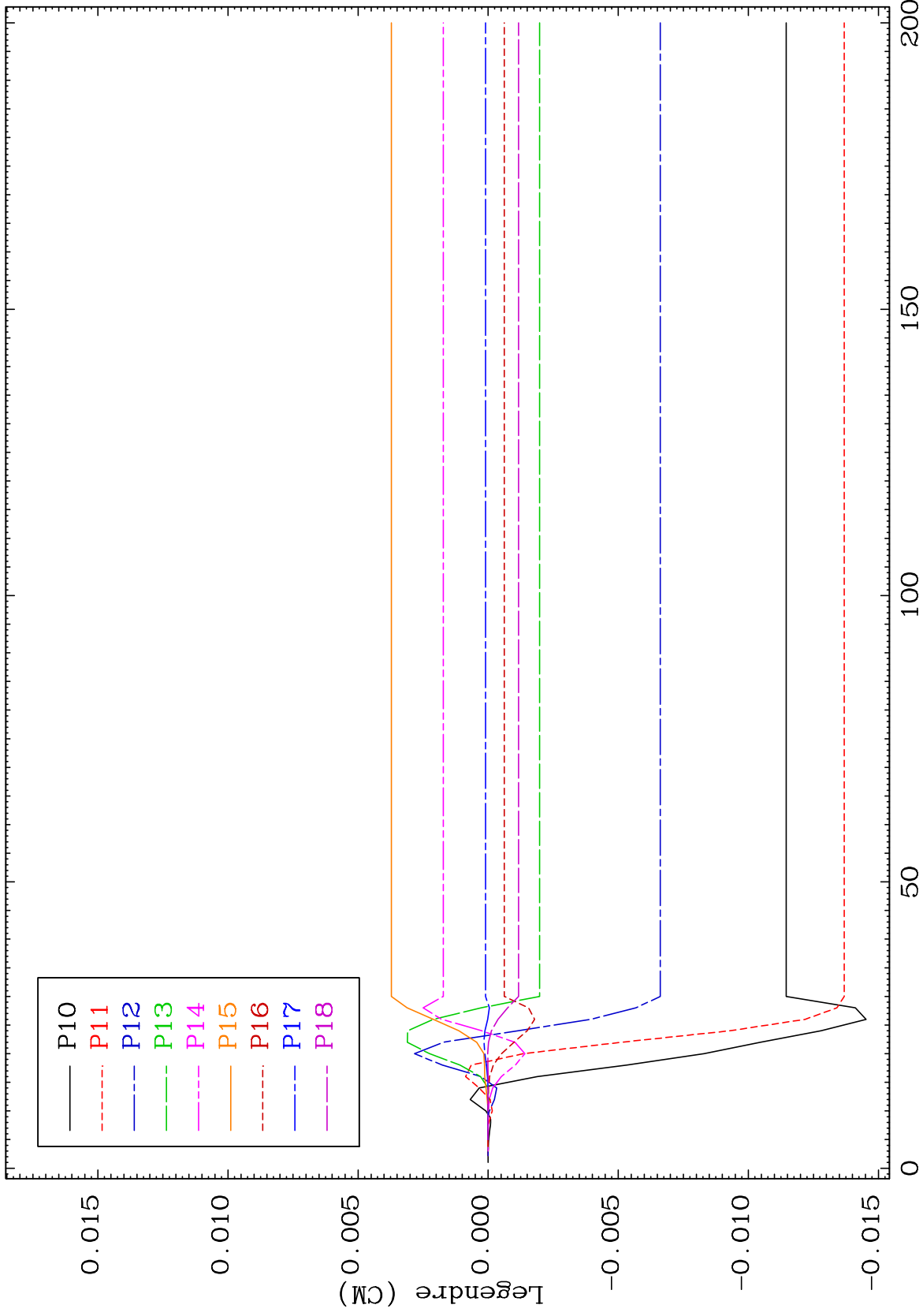
73-Ta-163



MAT 7274

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

73-Ta-163



28

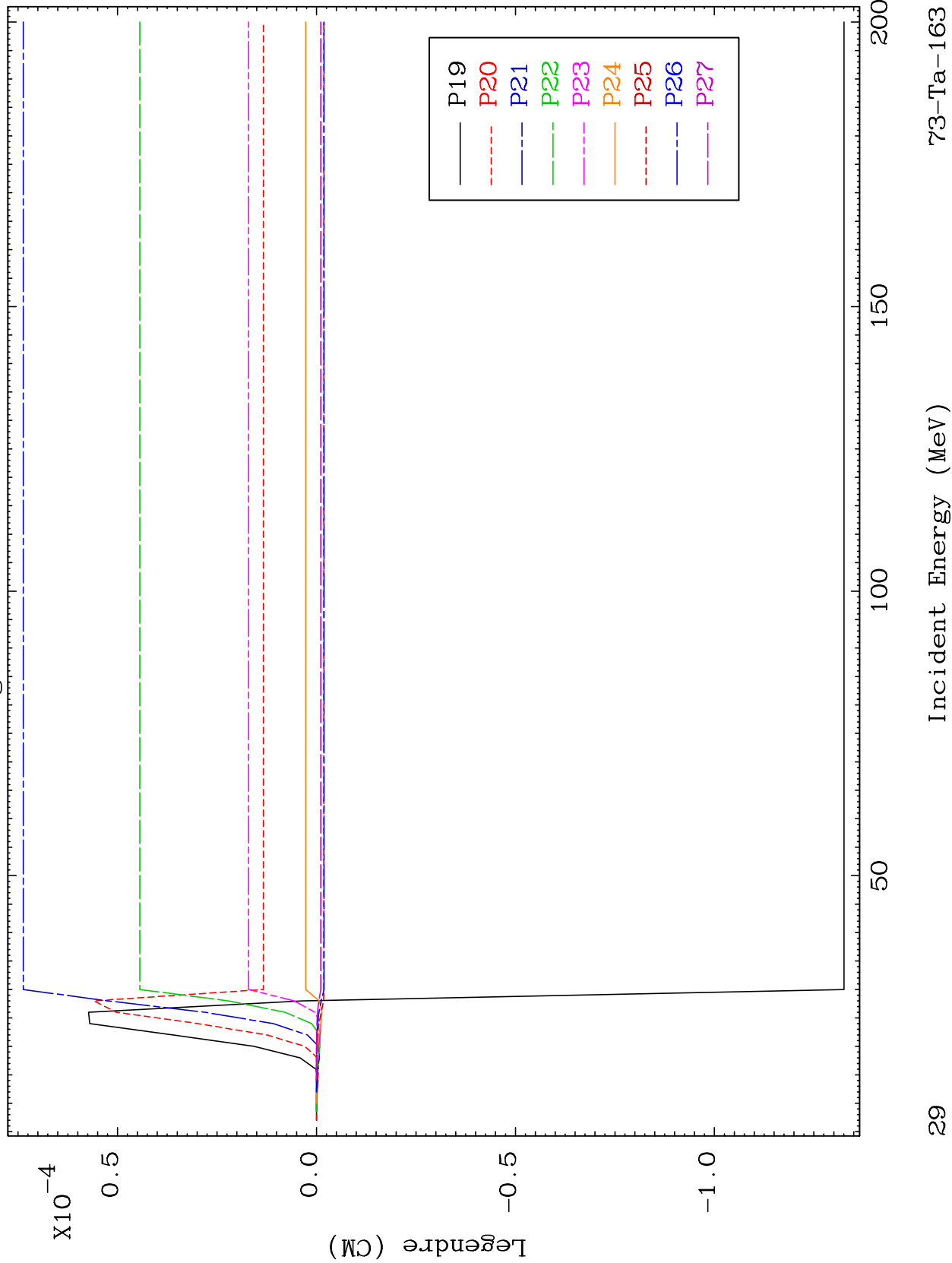
Incident Energy (MeV)

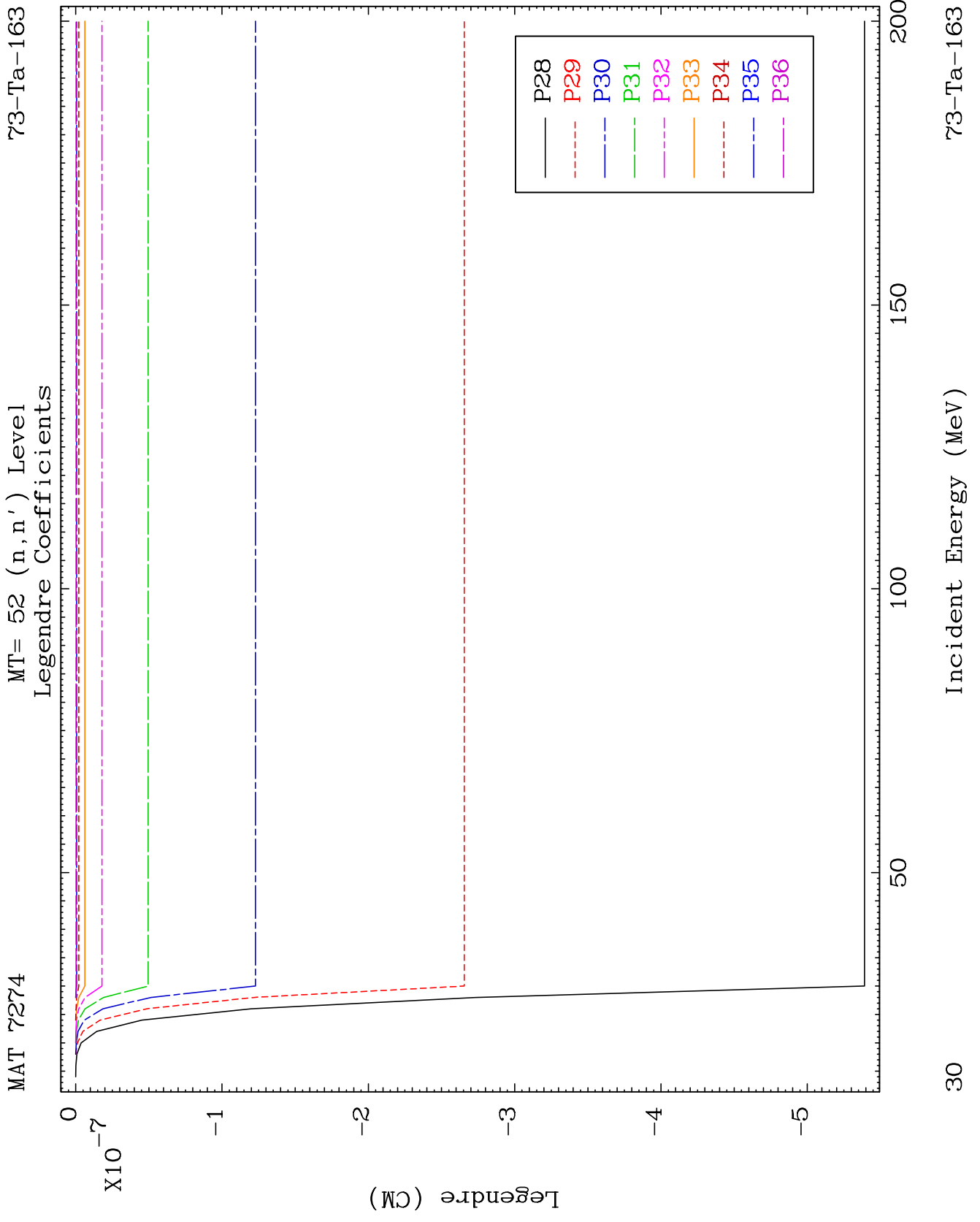
73-Ta-163

MAT 7274

73-Ta-163

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

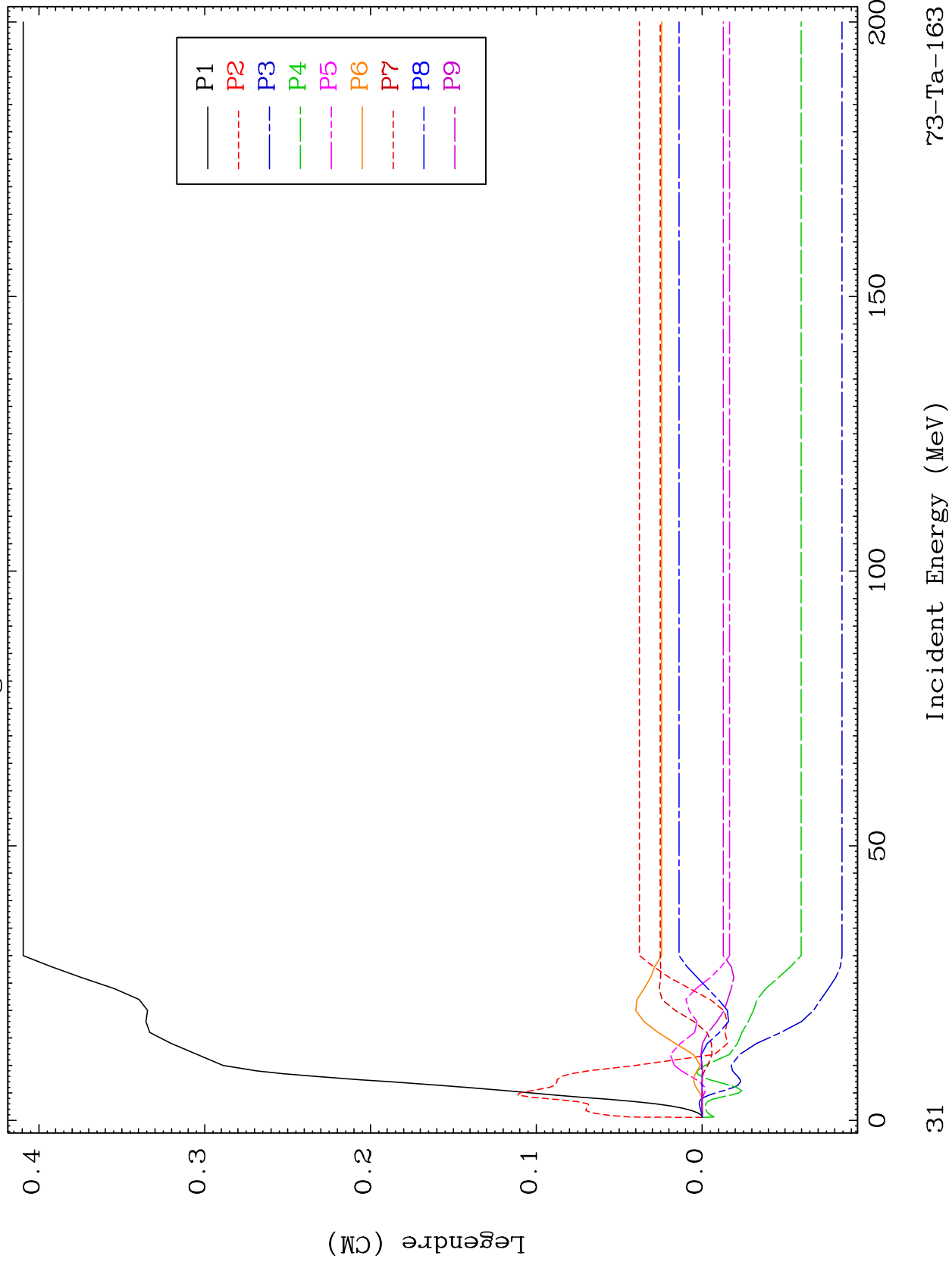




MAT 7274

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

73-Ta-163



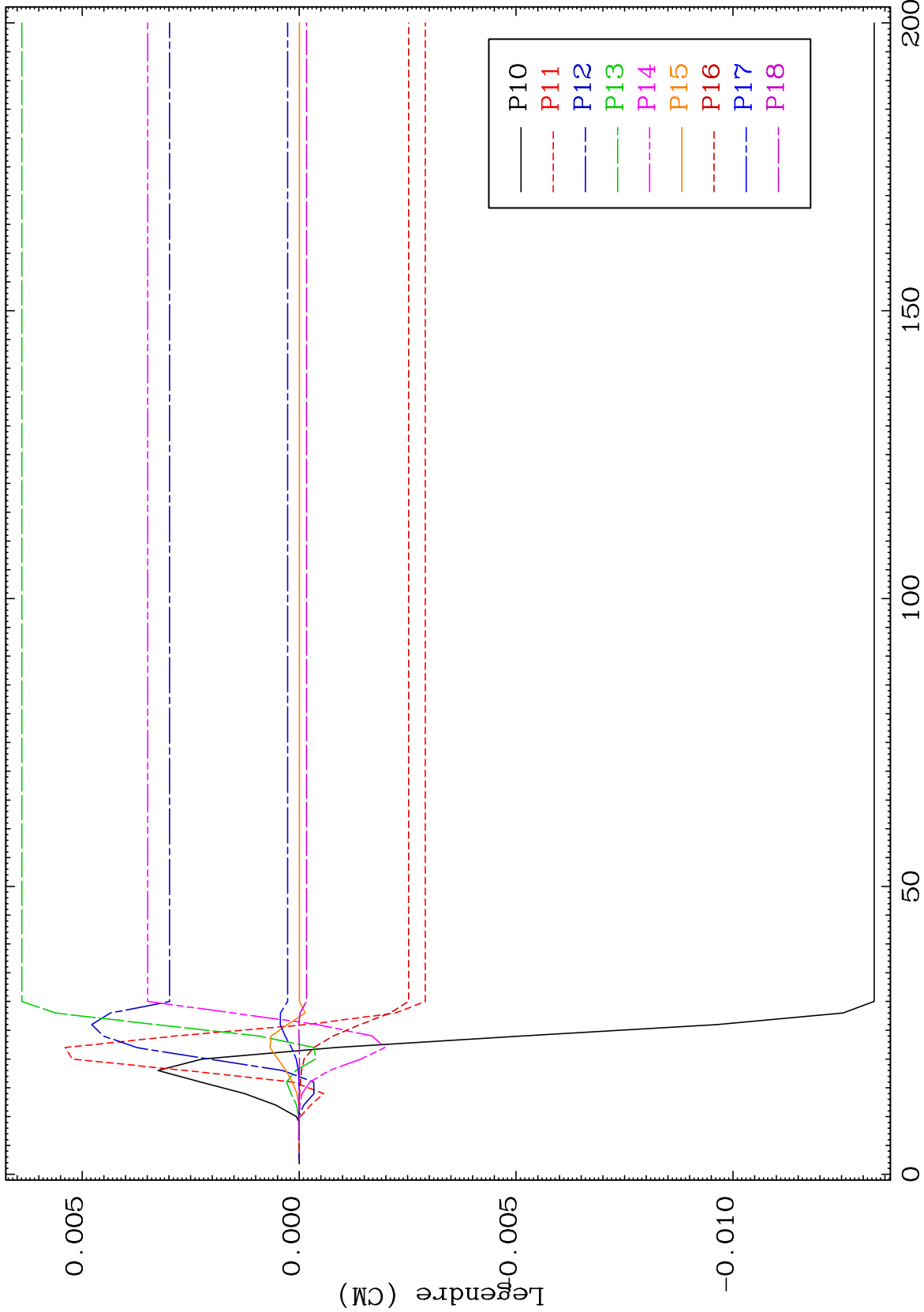
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73-Ta-163

MAT 7274

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

73-Ta-163



32

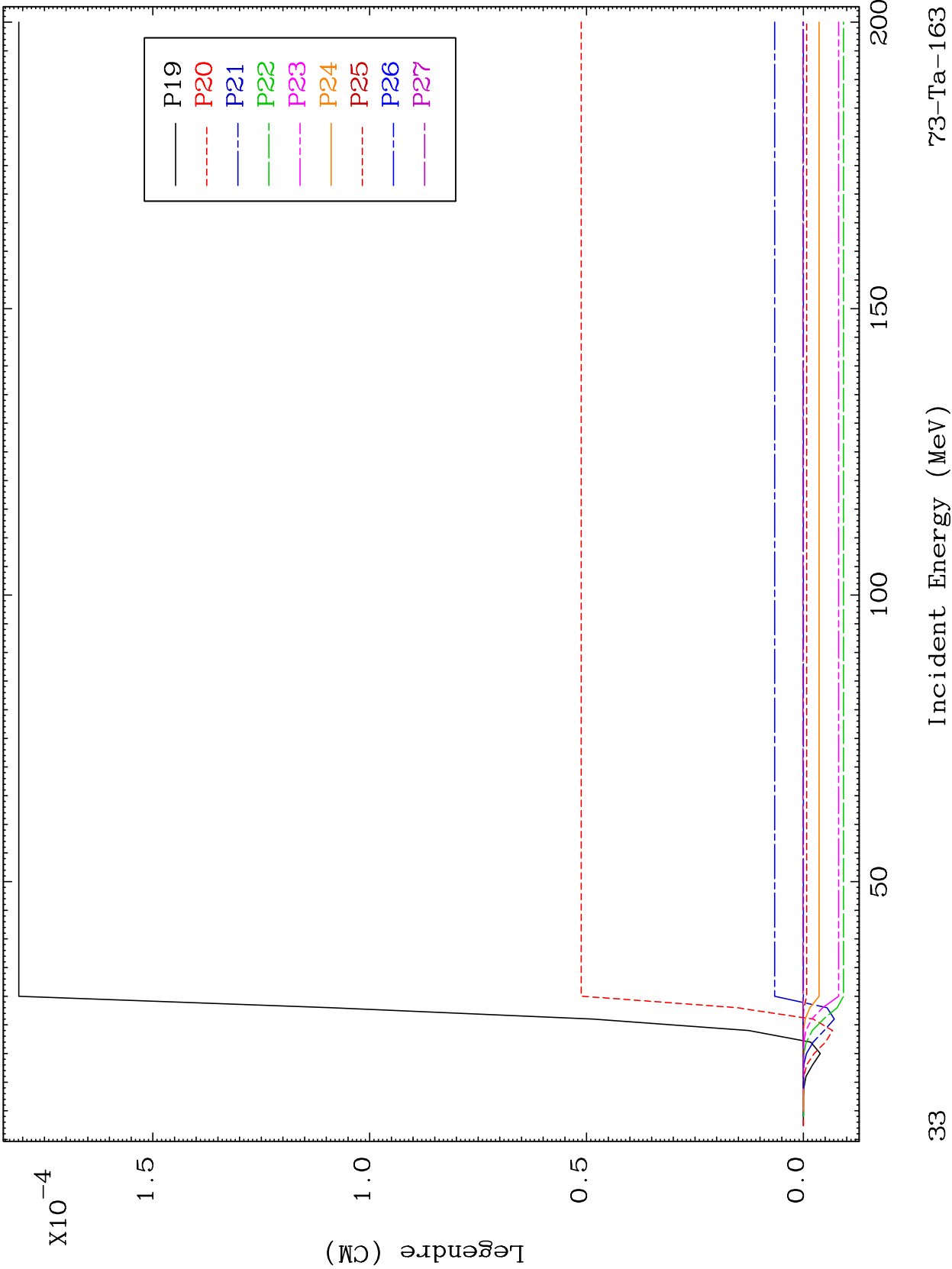
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



33

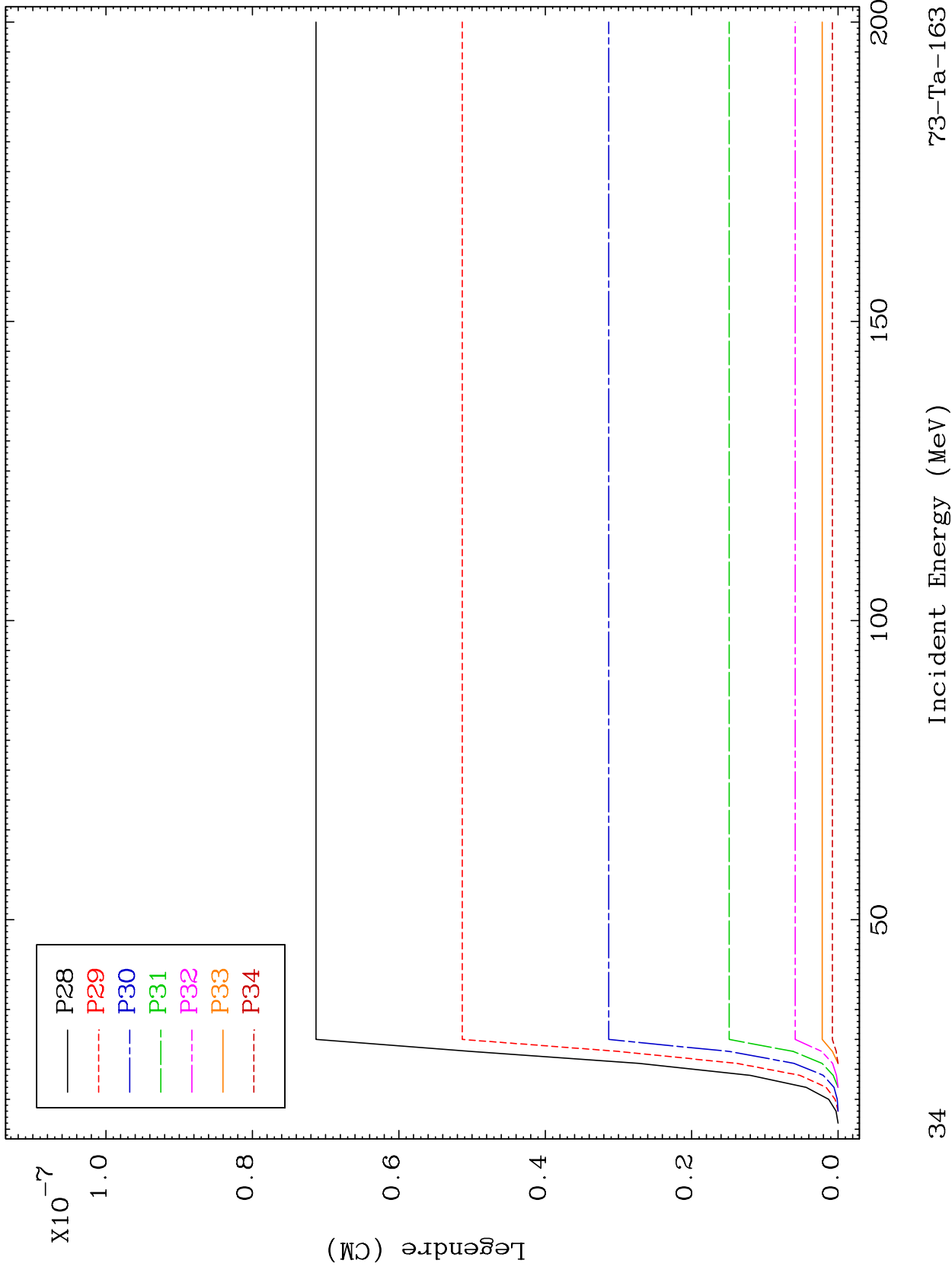
Incident Energy (MeV)

73-Ta-163

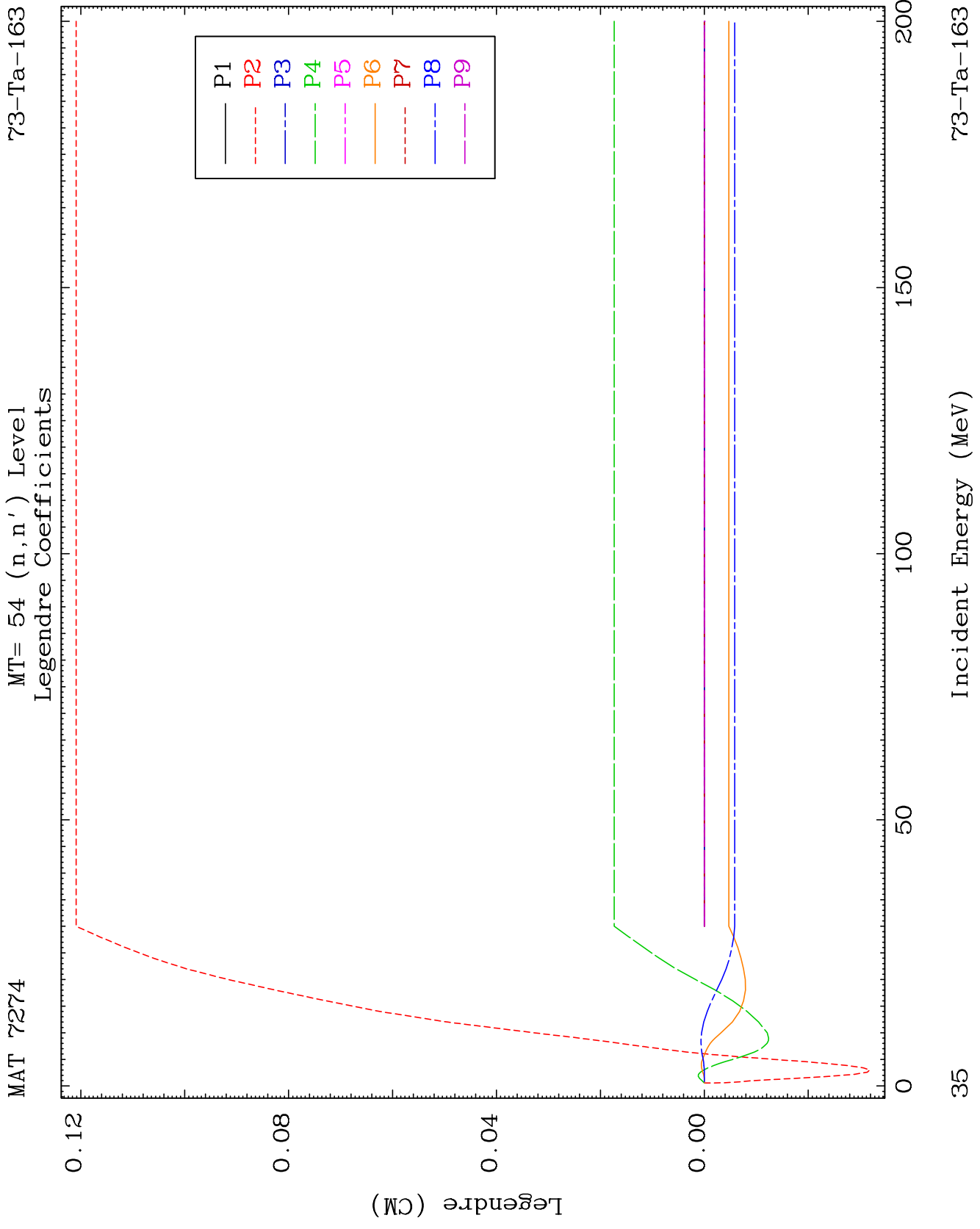
MAT 7274

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

73-Ta-163



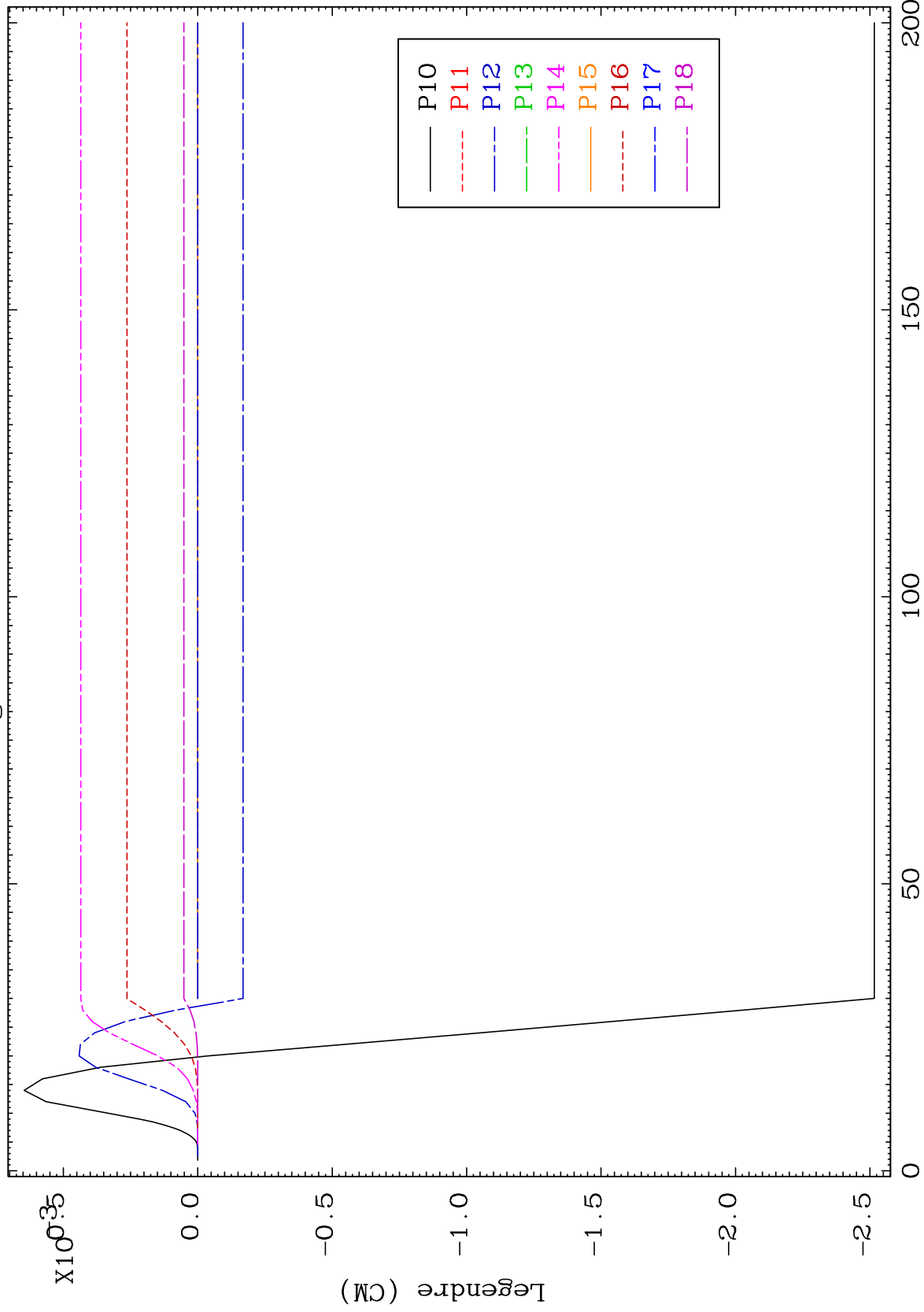
34



MAT 7274

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

73-Ta-163



36

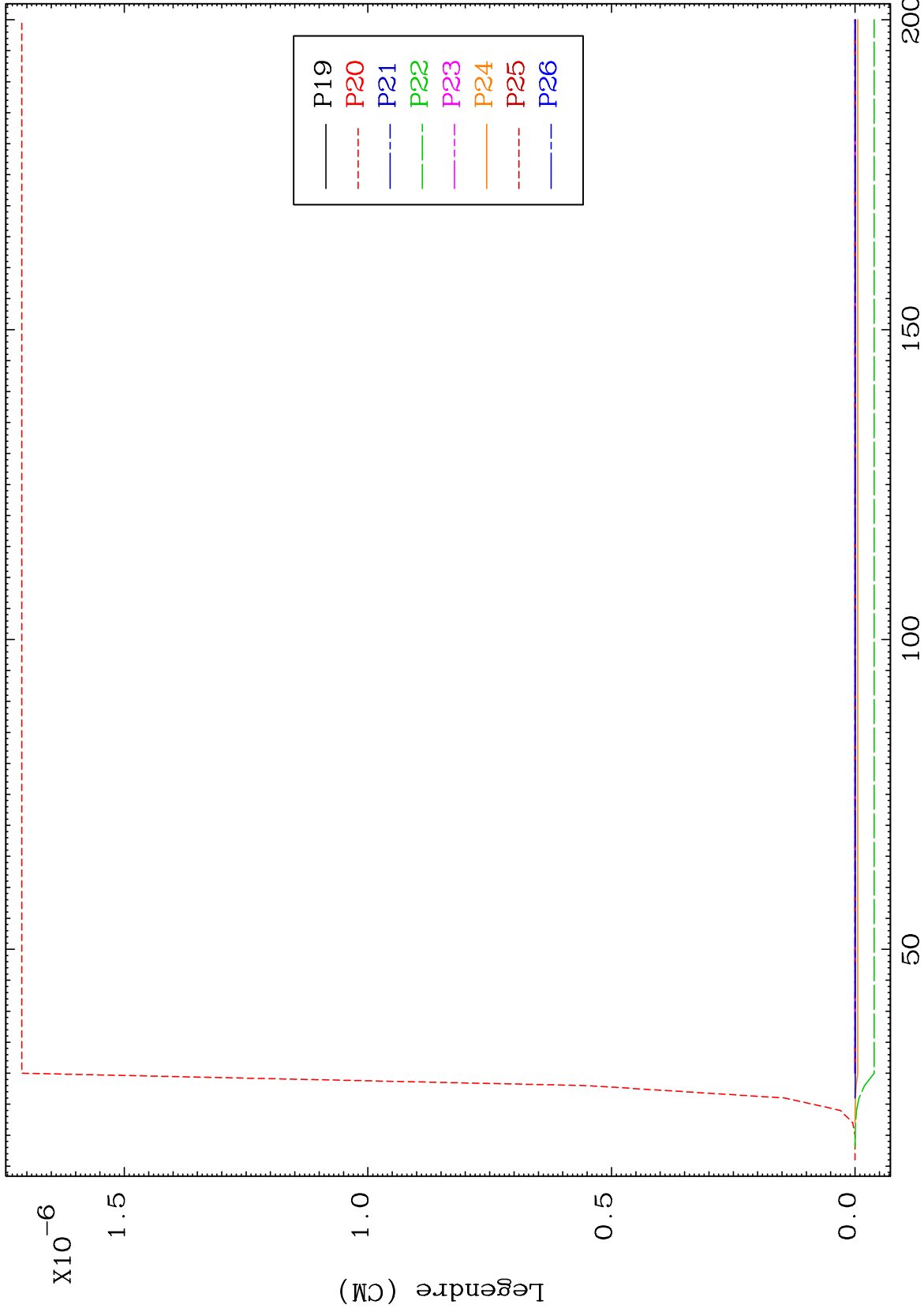
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



37

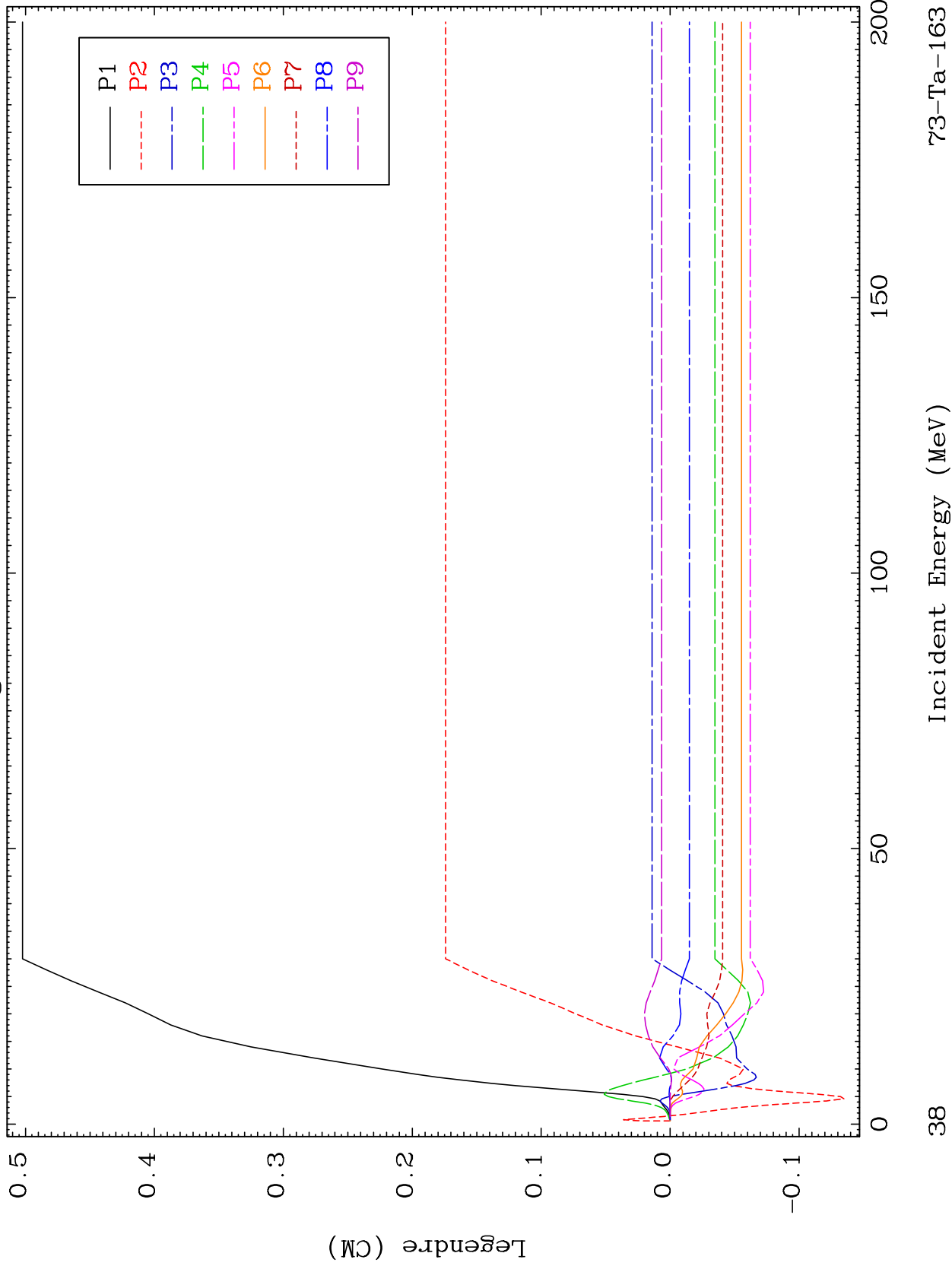
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



73-Ta-163

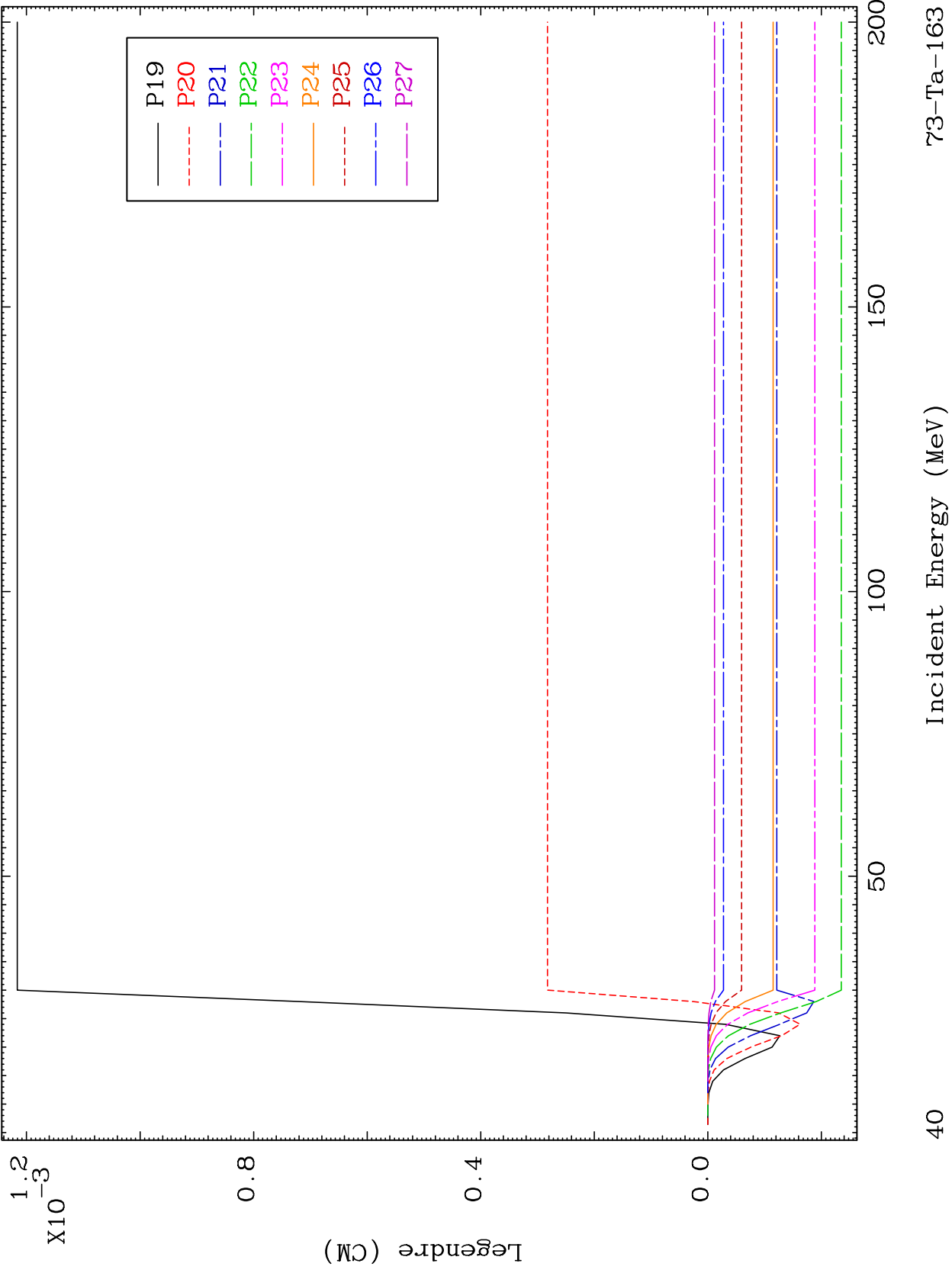
Incident Energy (MeV)

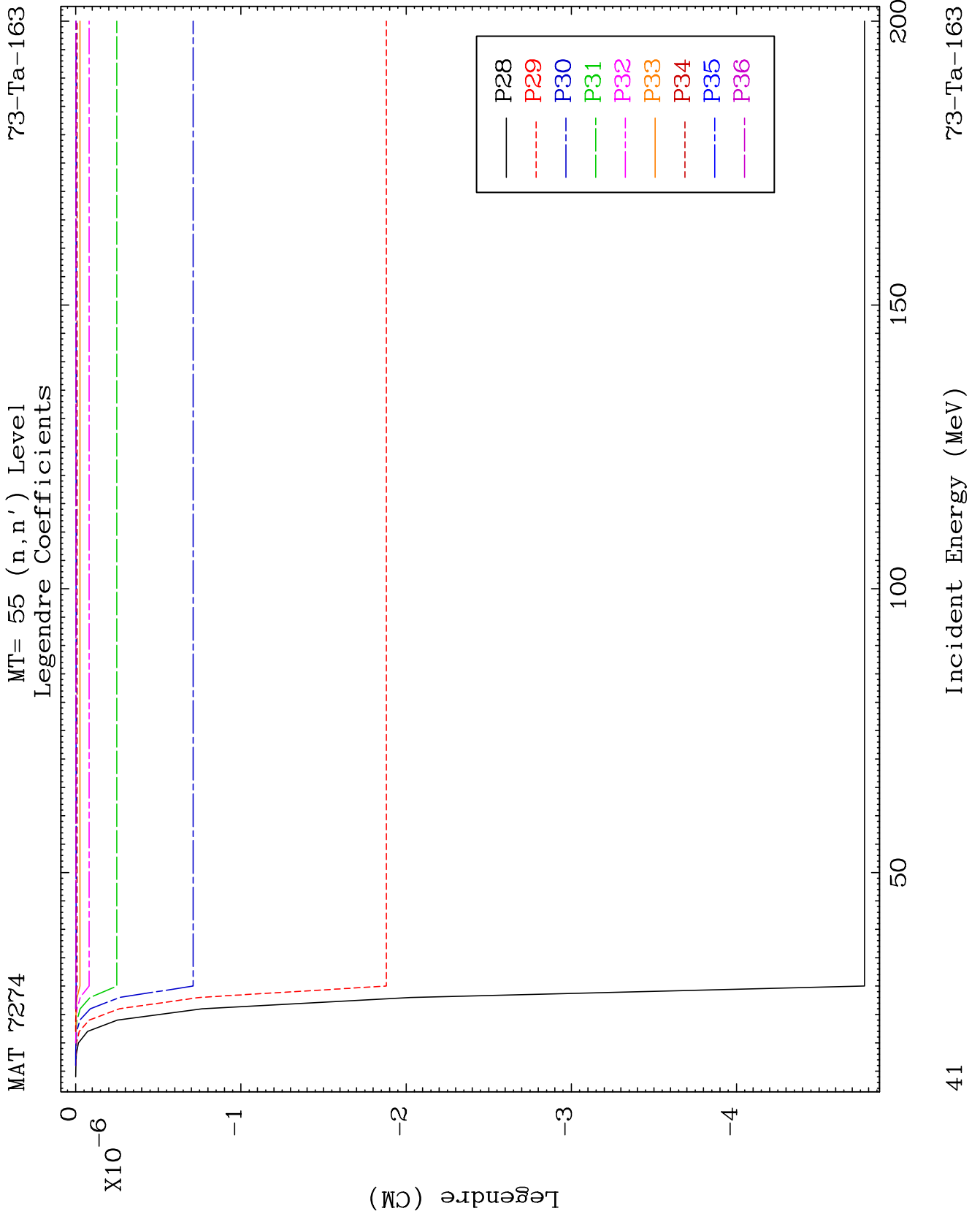
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MAT 7274

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

73-Ta-163

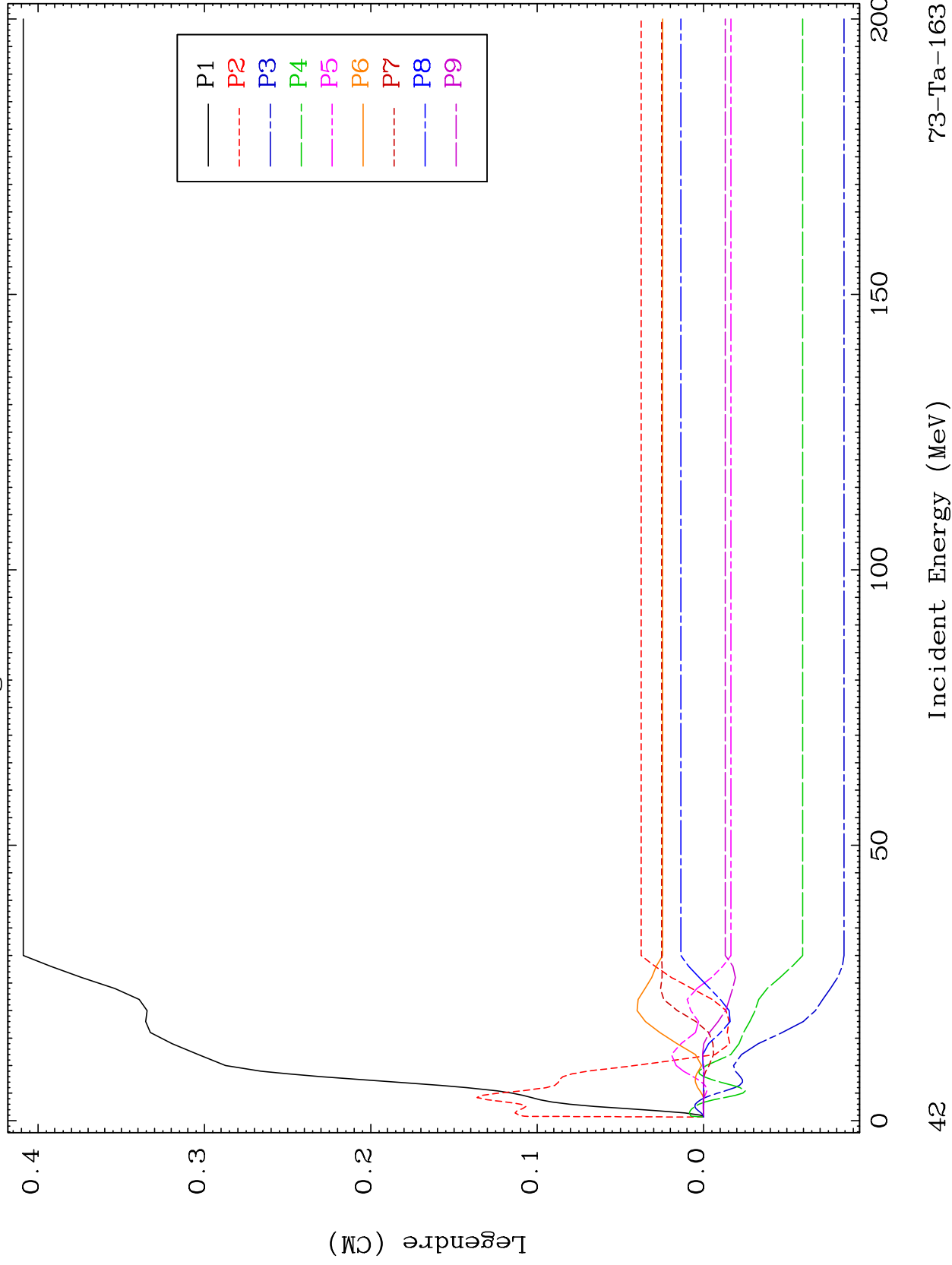




MAT 7274

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

73-Ta-163



73-Ta-163

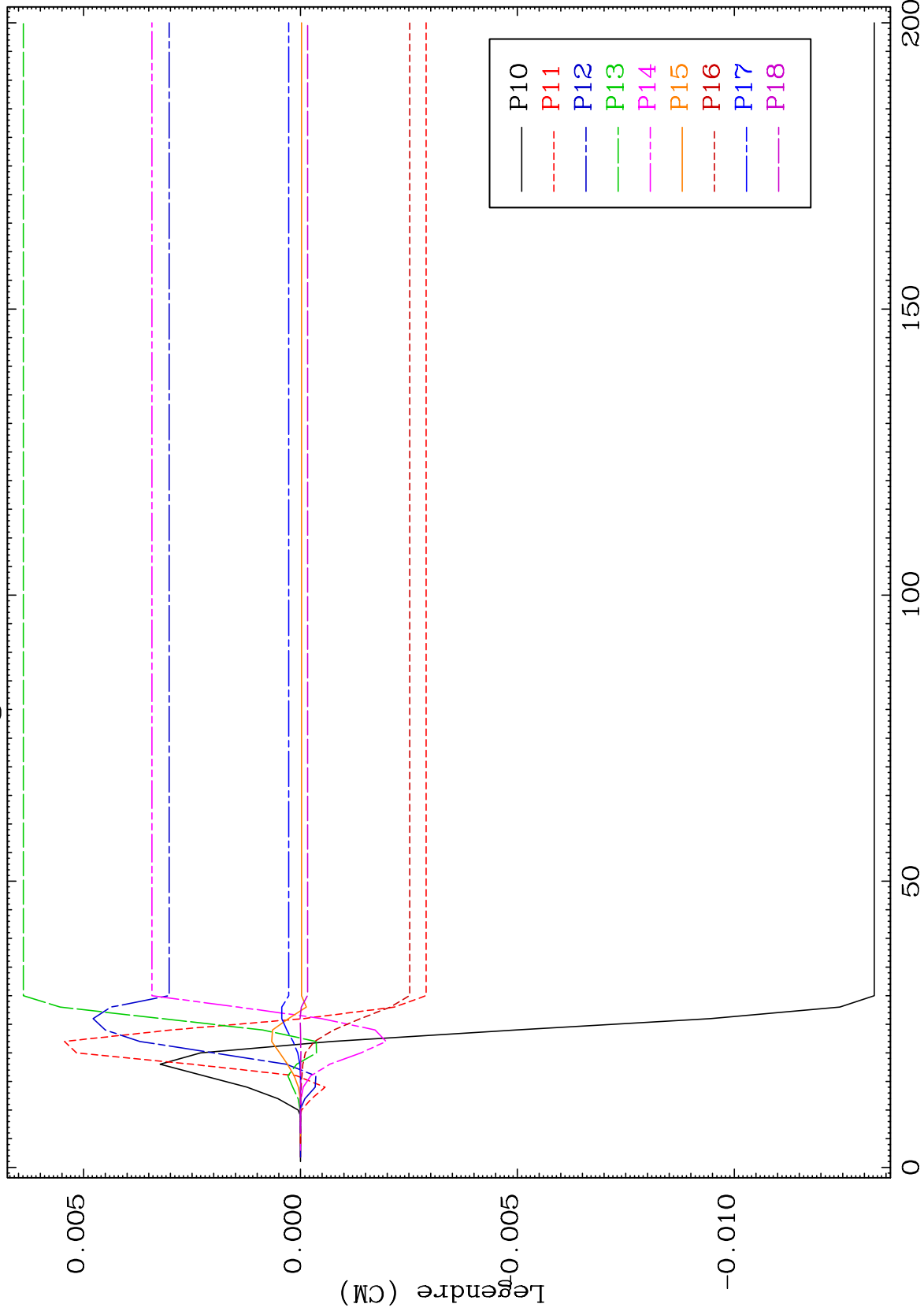
Incident Energy (MeV)

42

MAT 7274

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

73-Ta-163



43

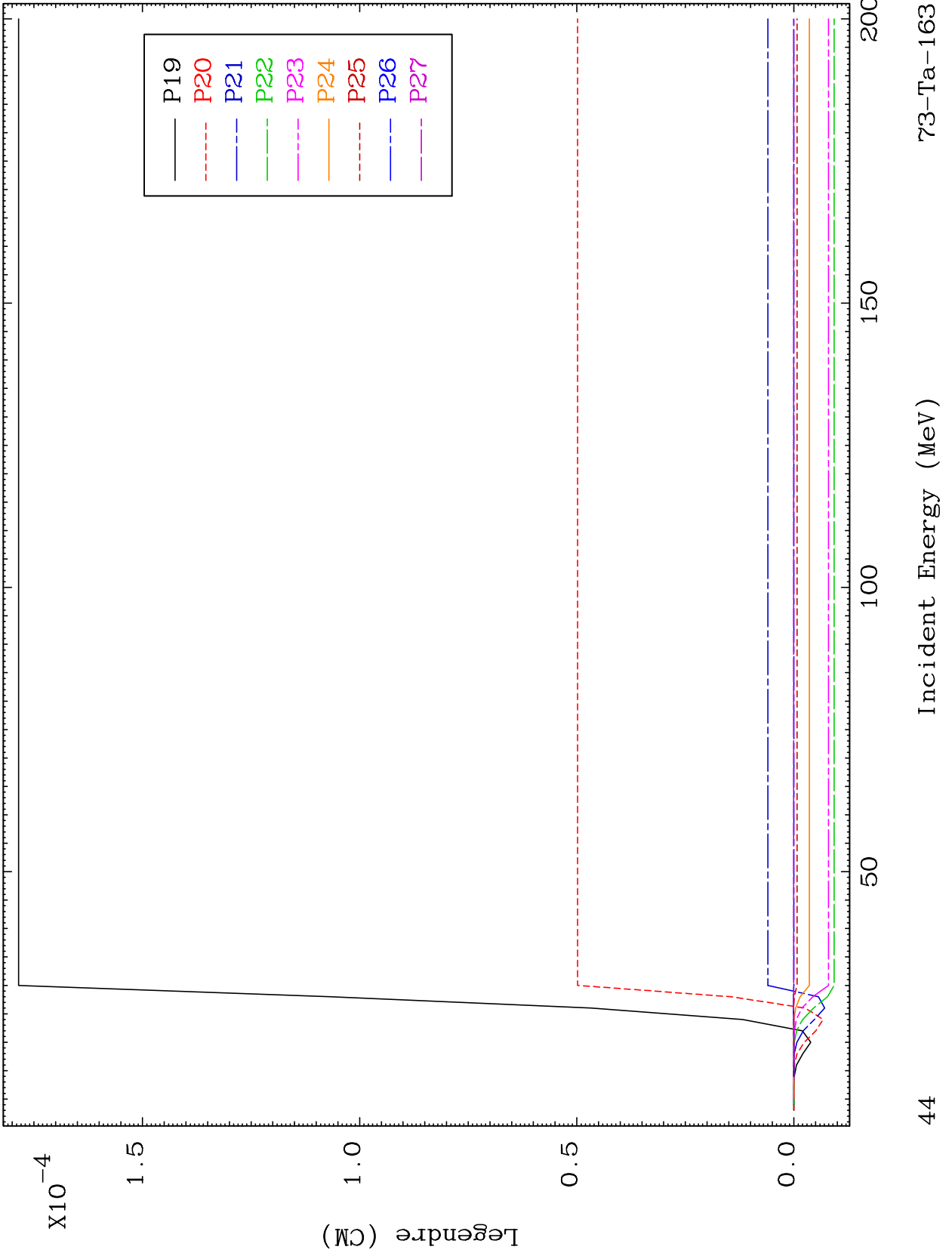
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



44

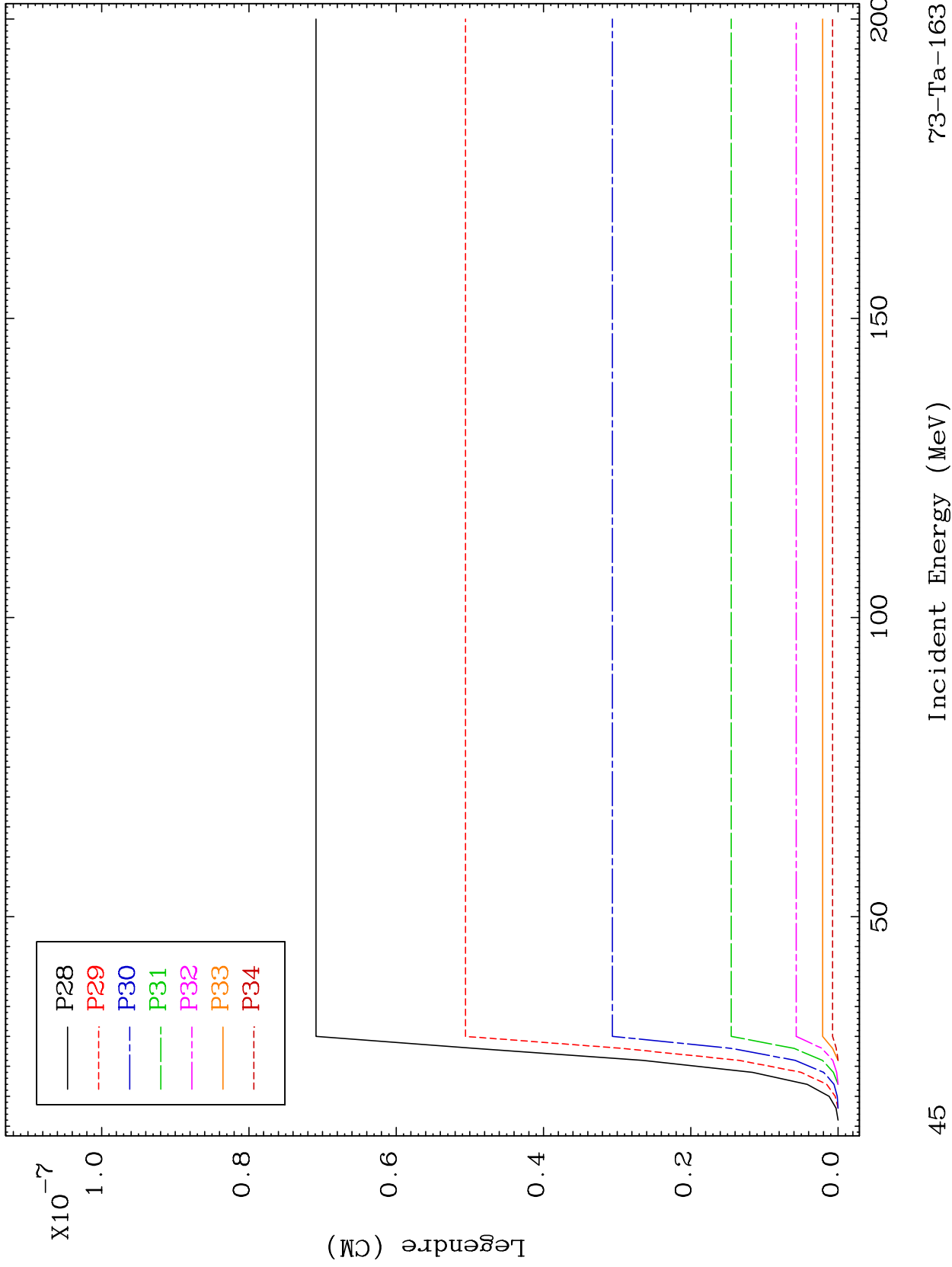
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

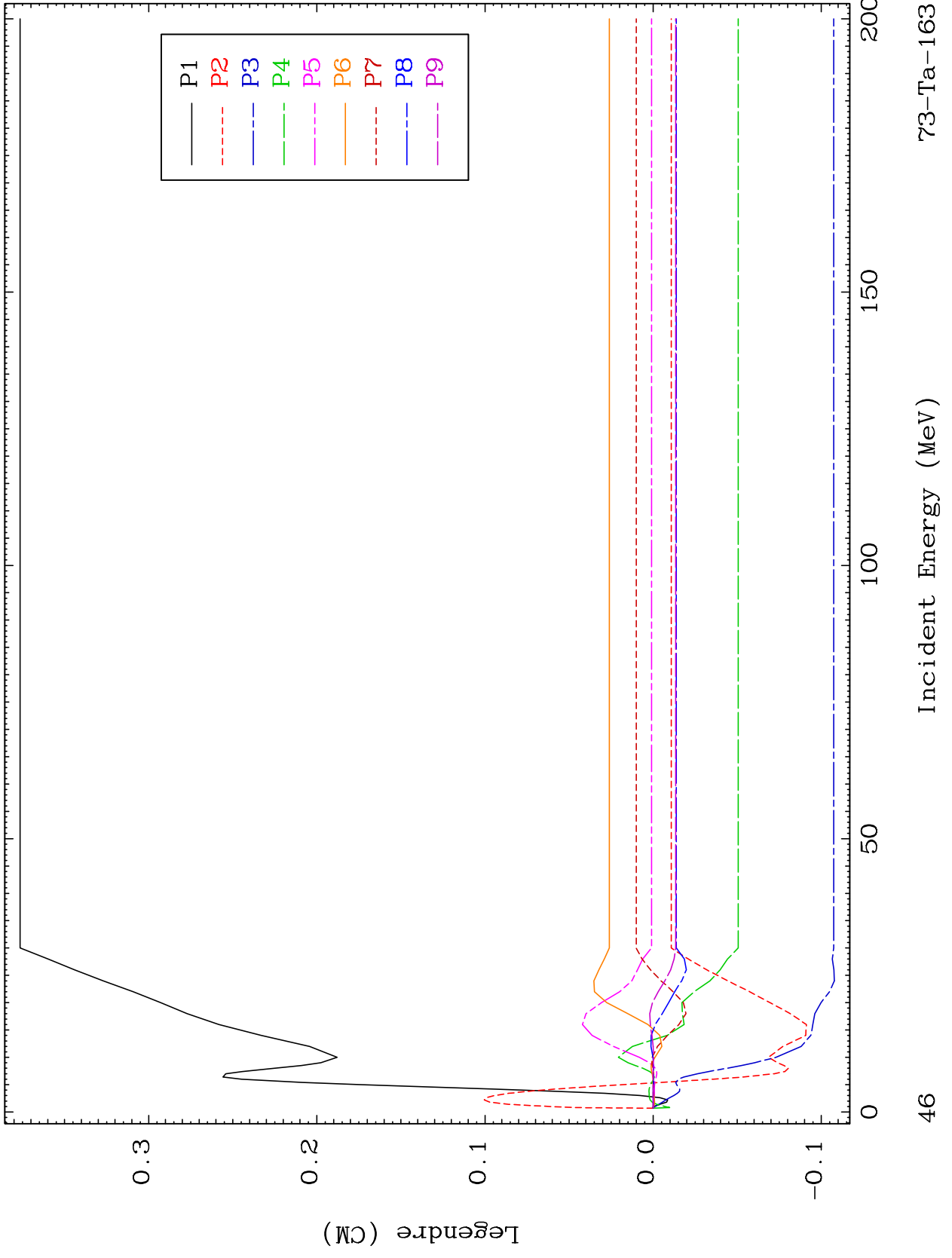
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MAT 7274

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

73-Ta-163



73-Ta-163

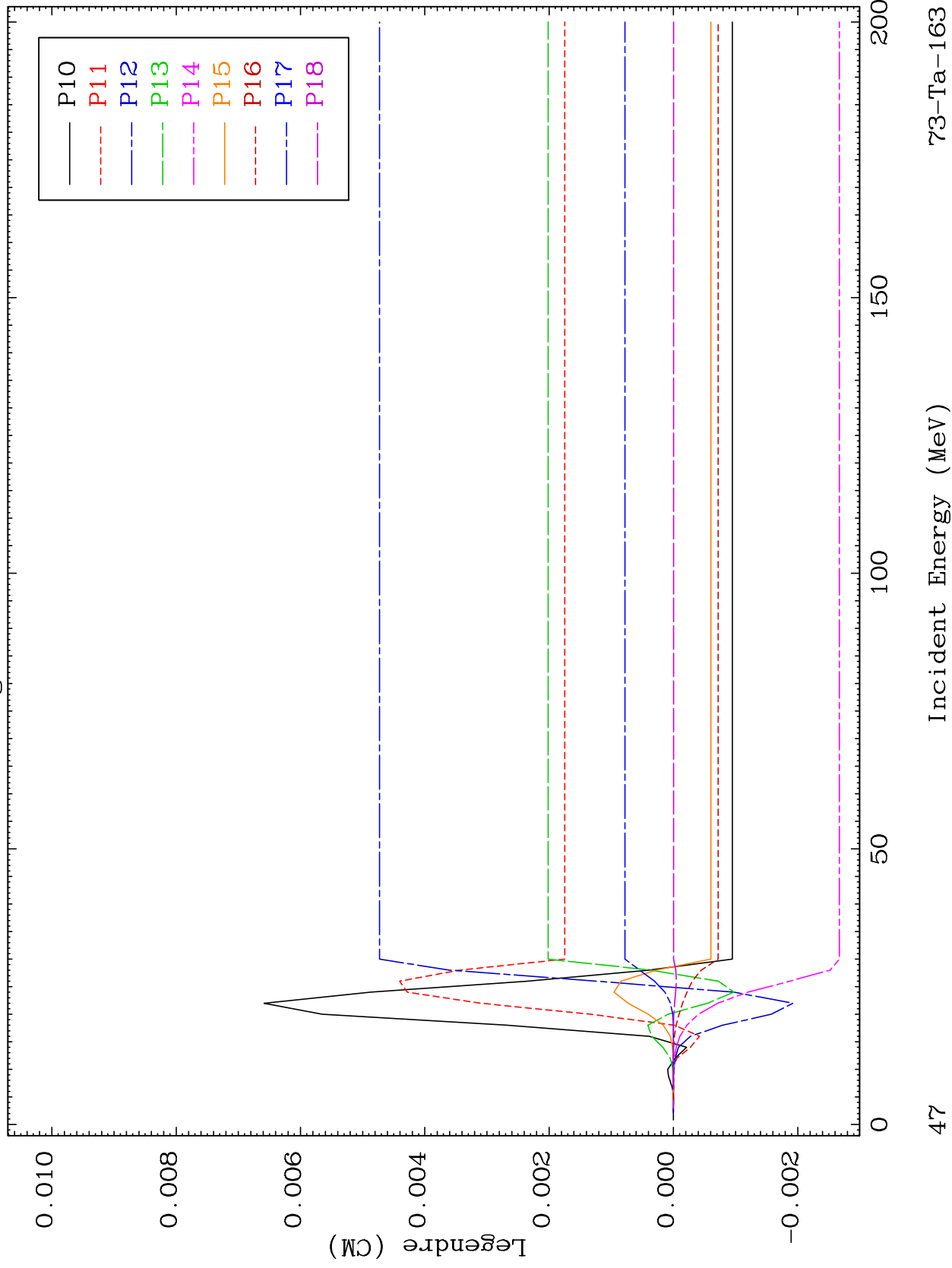
Incident Energy (MeV)

46

MAT 7274

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

73-Ta-163



73-Ta-163

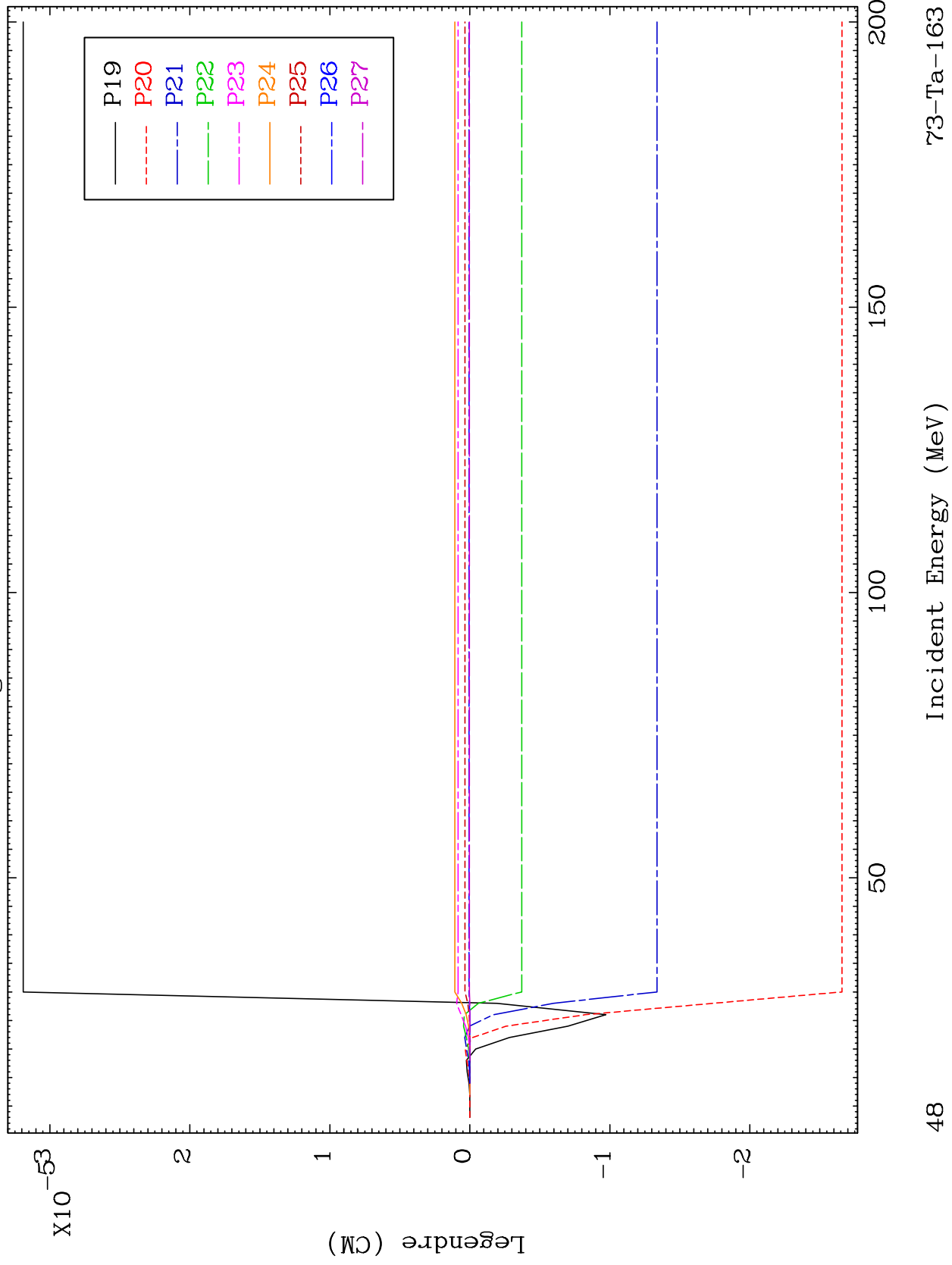
Incident Energy (MeV)

47

MAT 7274

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

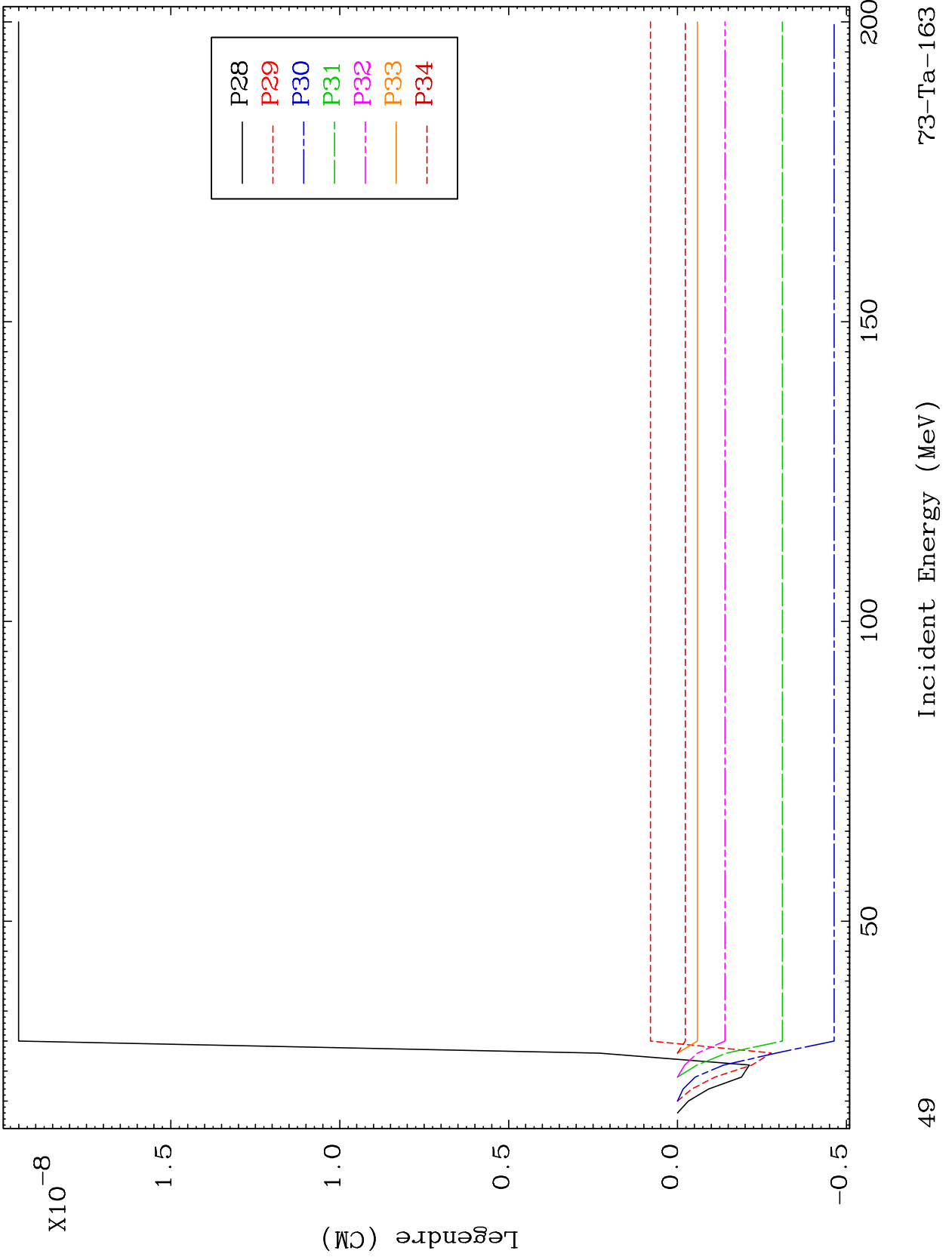
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MAT 7274

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

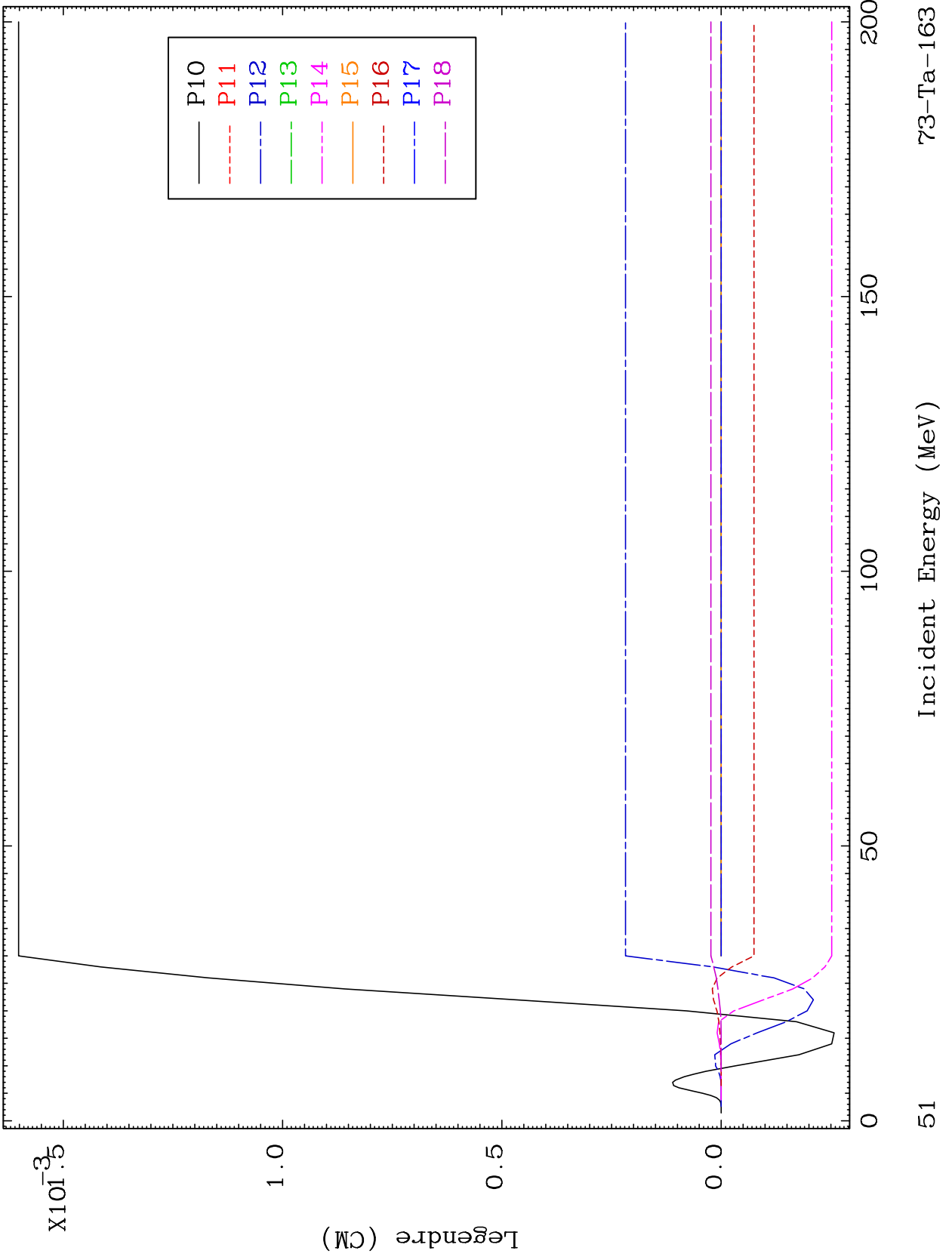
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MAT 7274

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

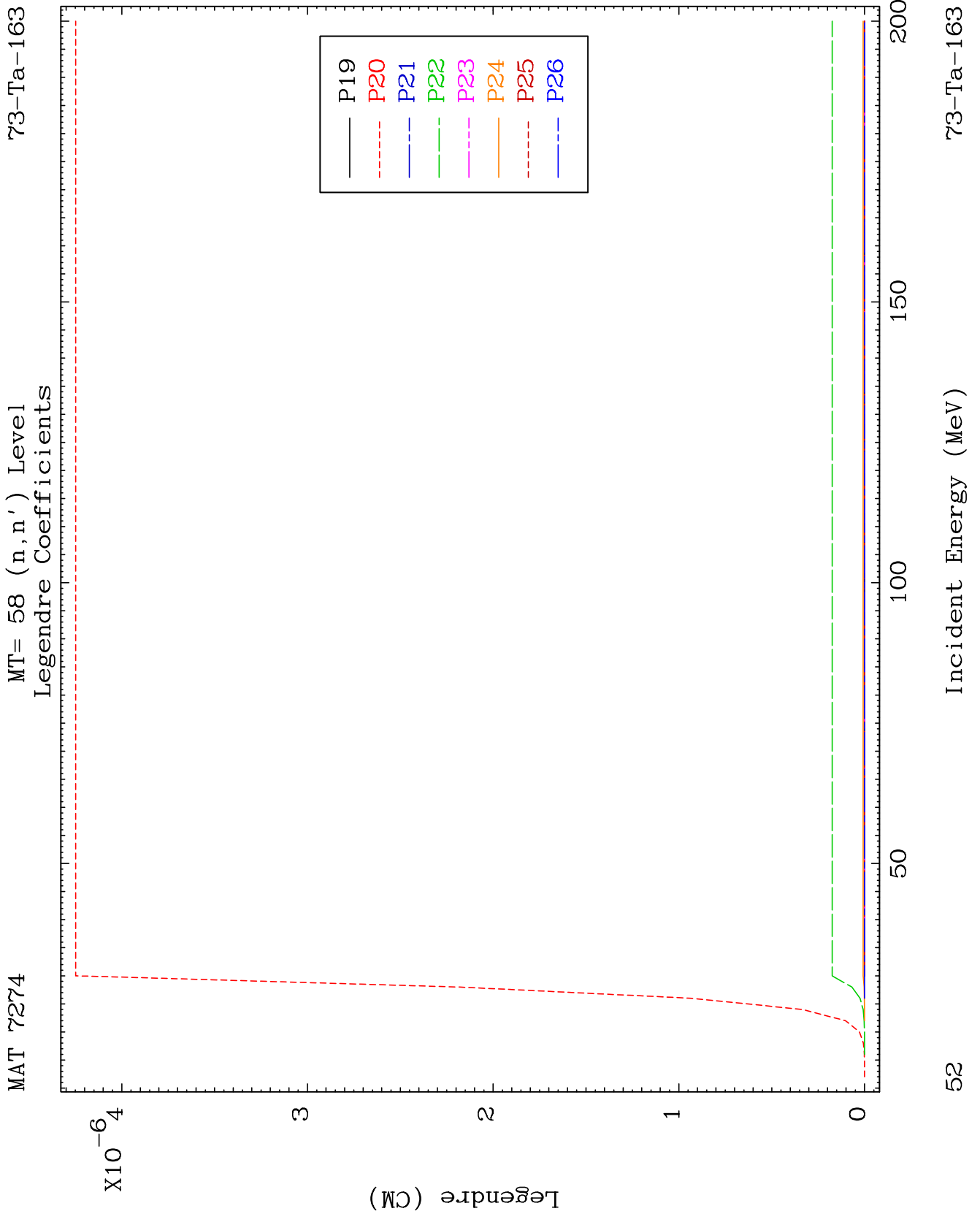
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51

Incident Energy (MeV)

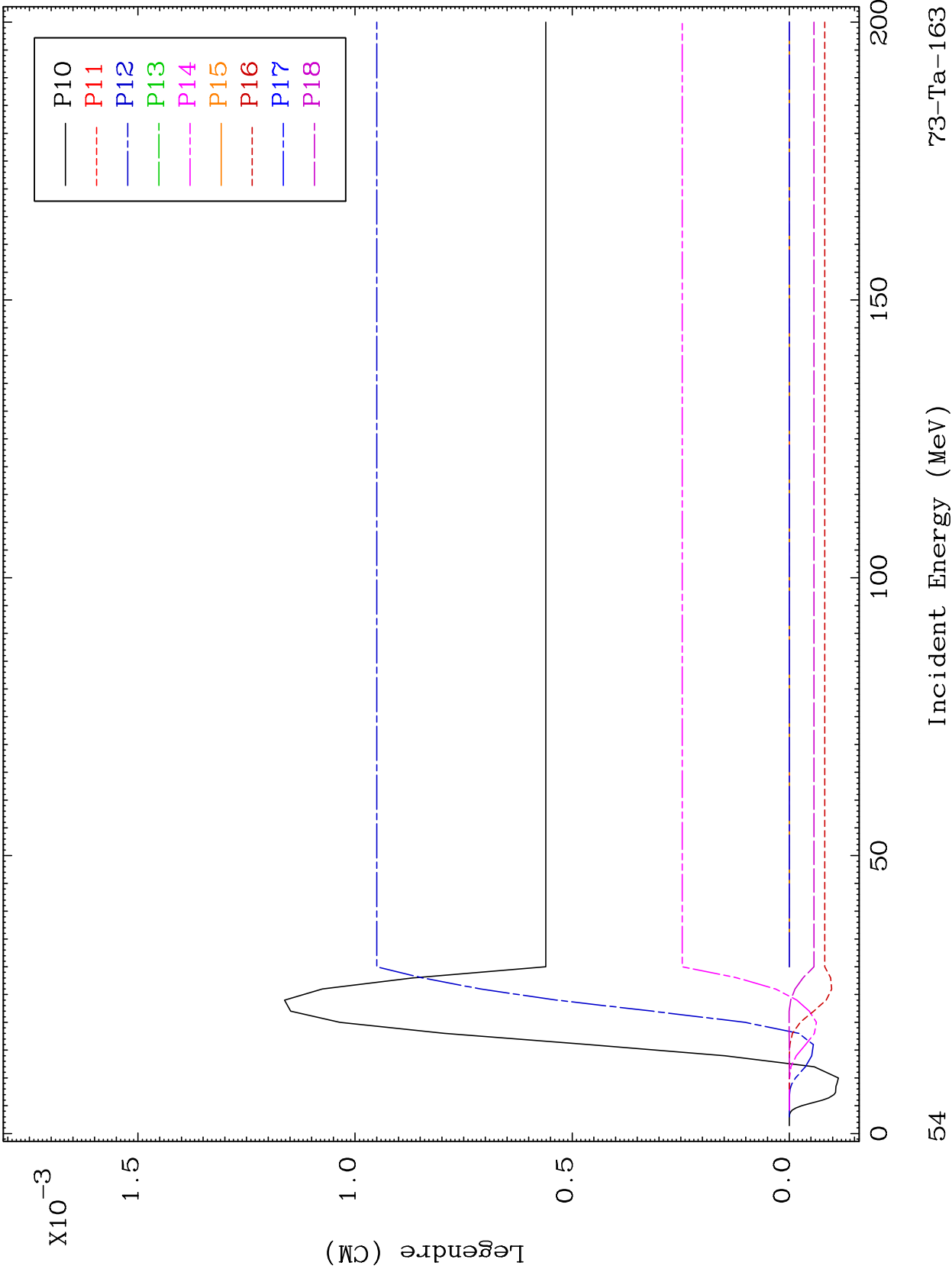
73-Ta-163



MAT 7274

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

73-Ta-163



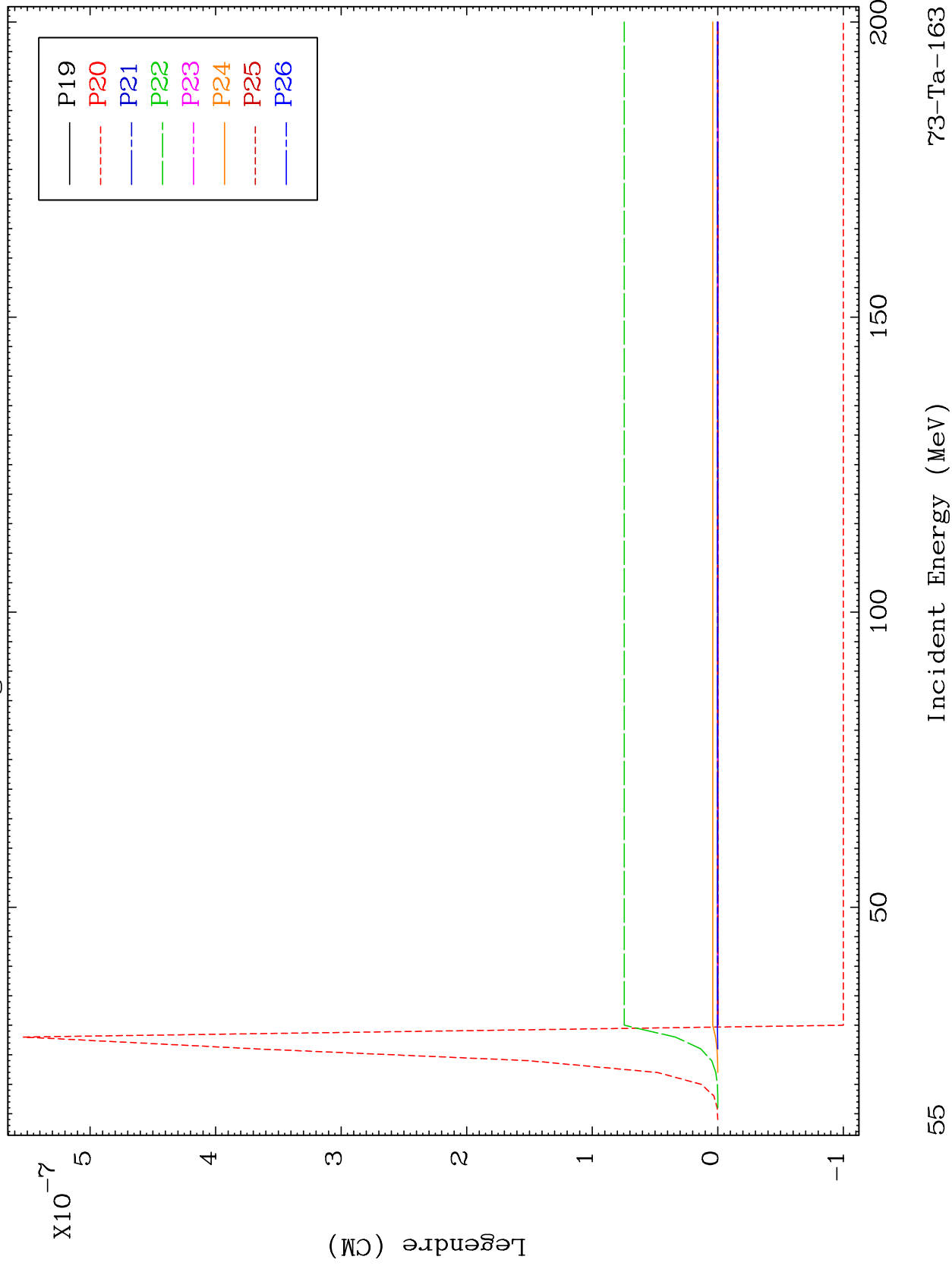
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73-Ta-163

MAT 7274

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

73-Ta-163



55

Incident Energy (MeV)

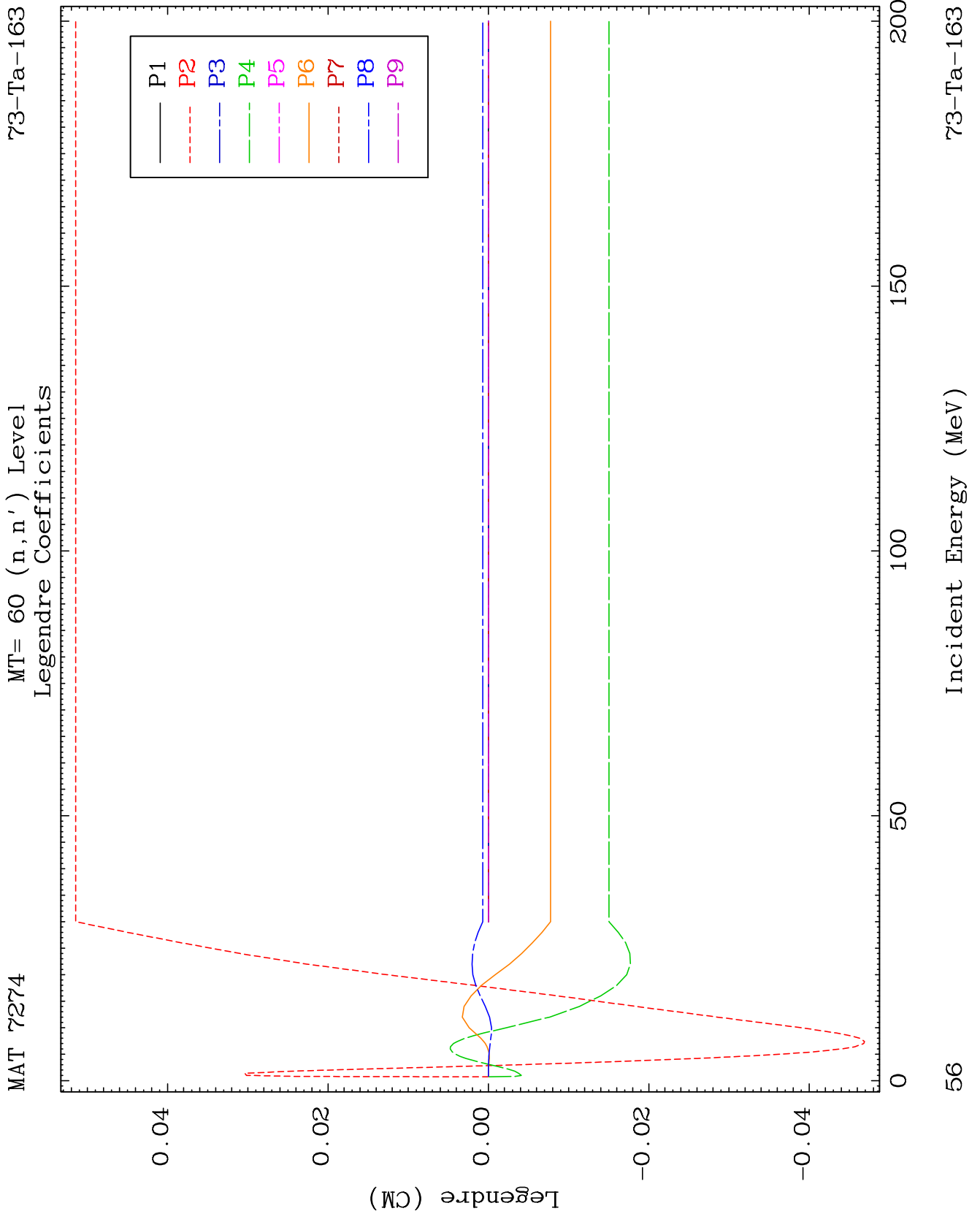
73-Ta-163

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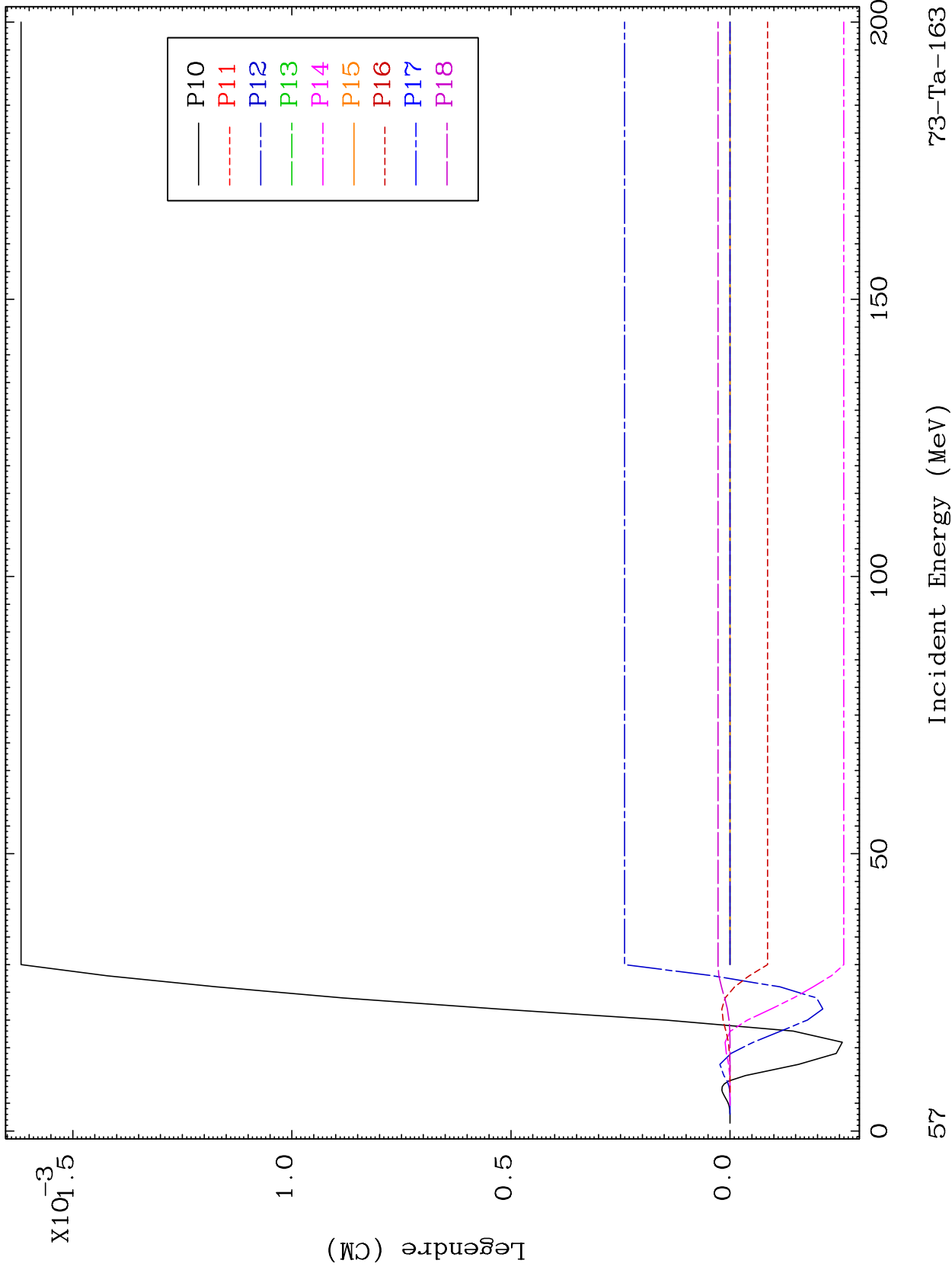
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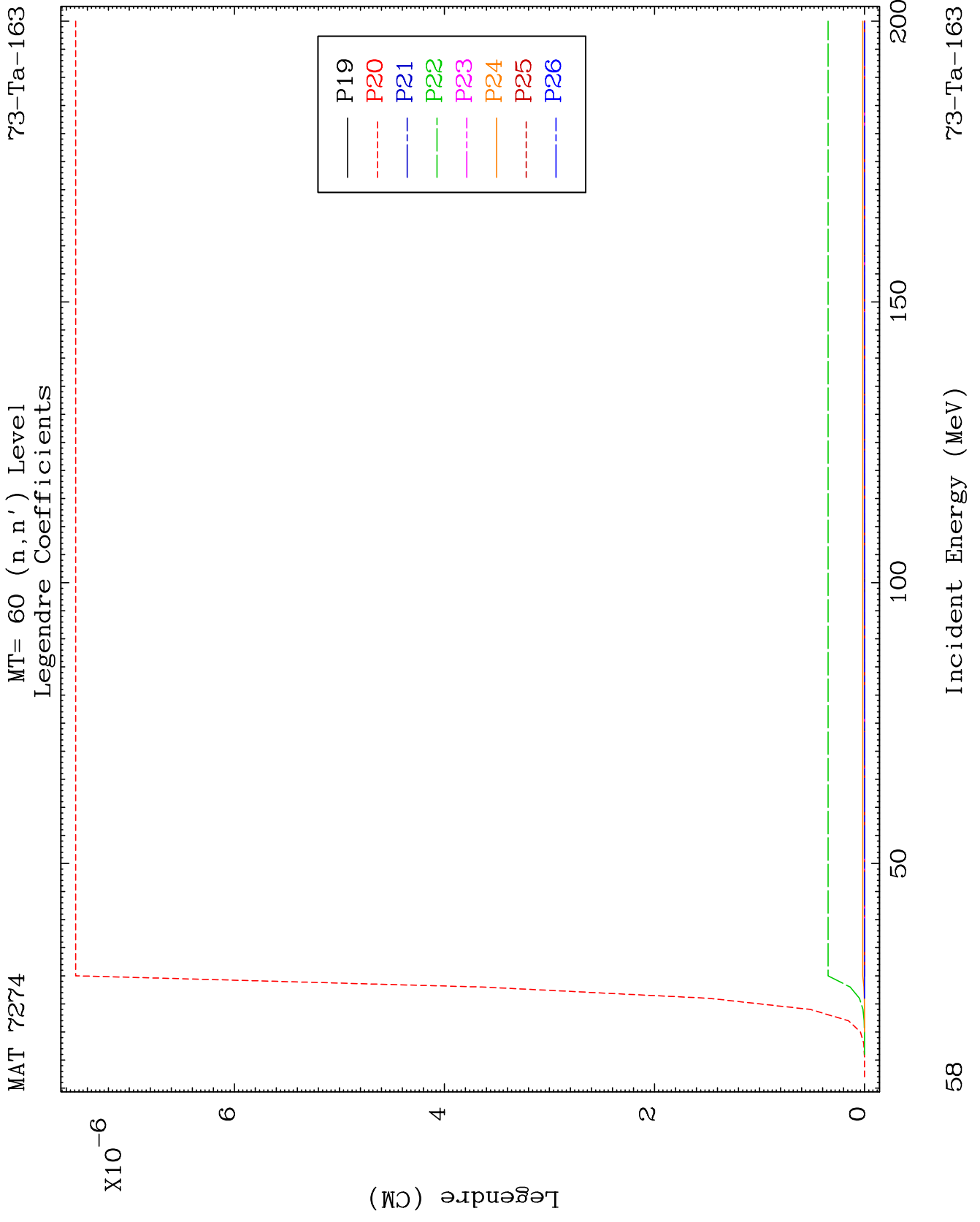


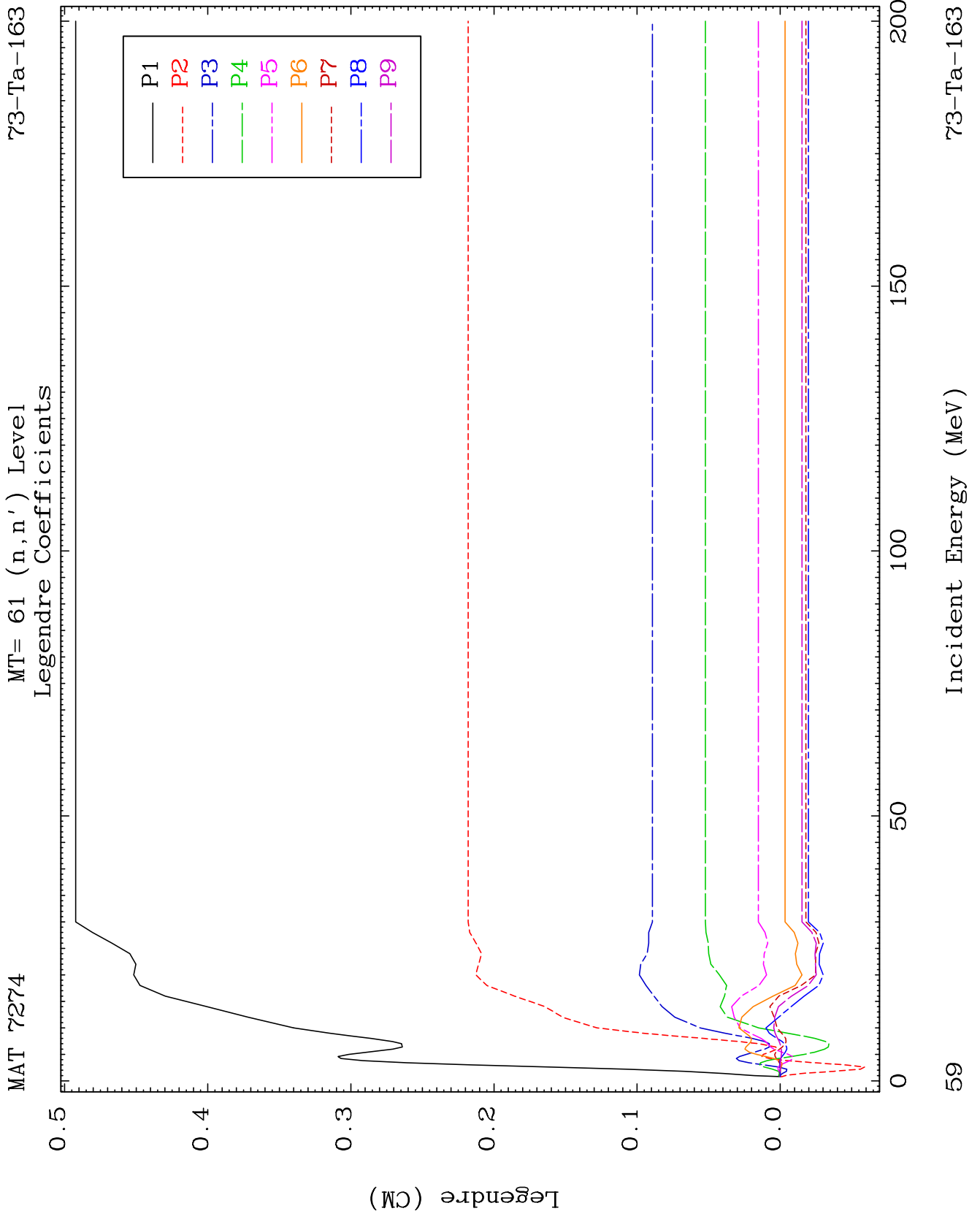
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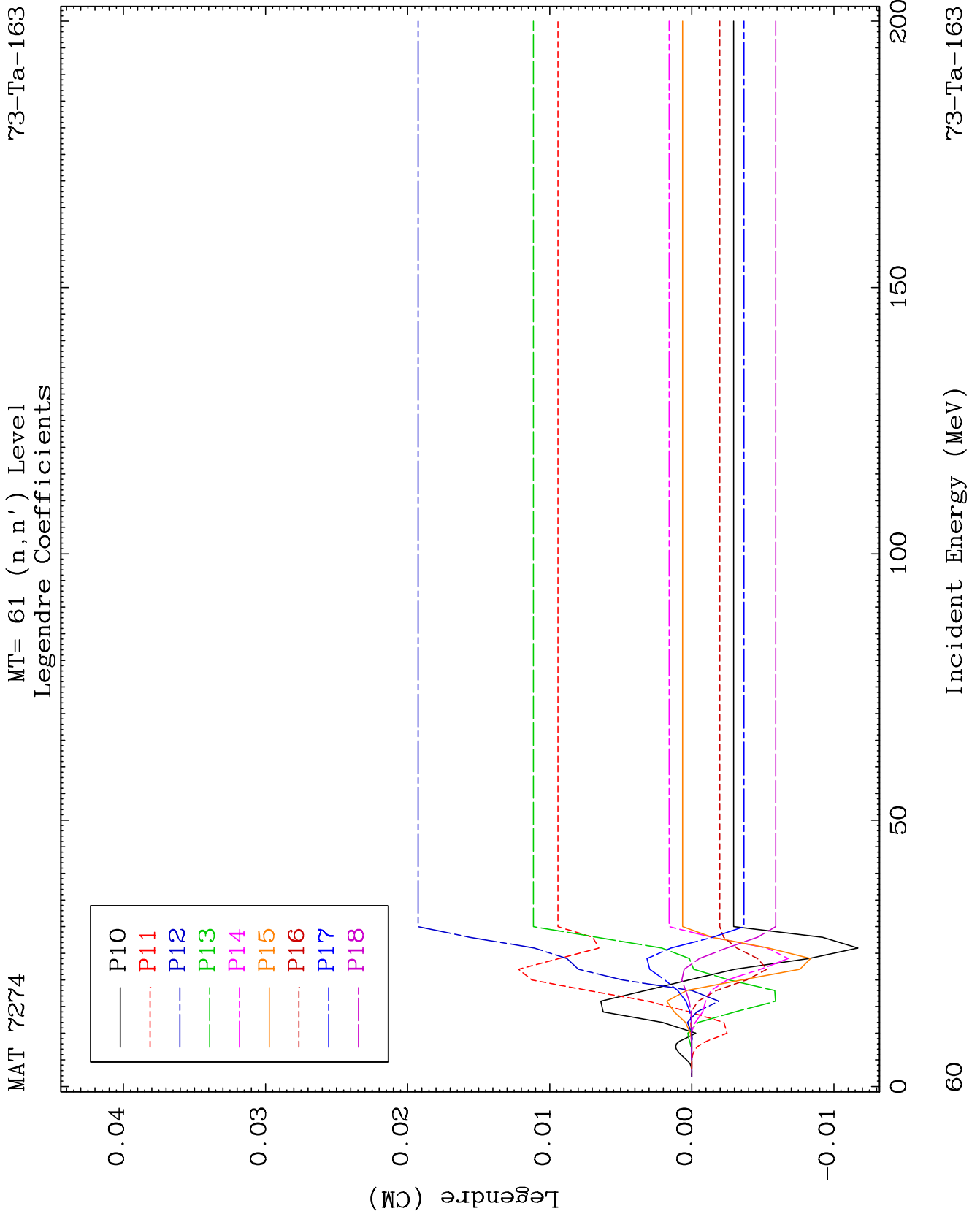
MT= 60 (n,n') Level
Legendre Coefficients

73-Ta-163





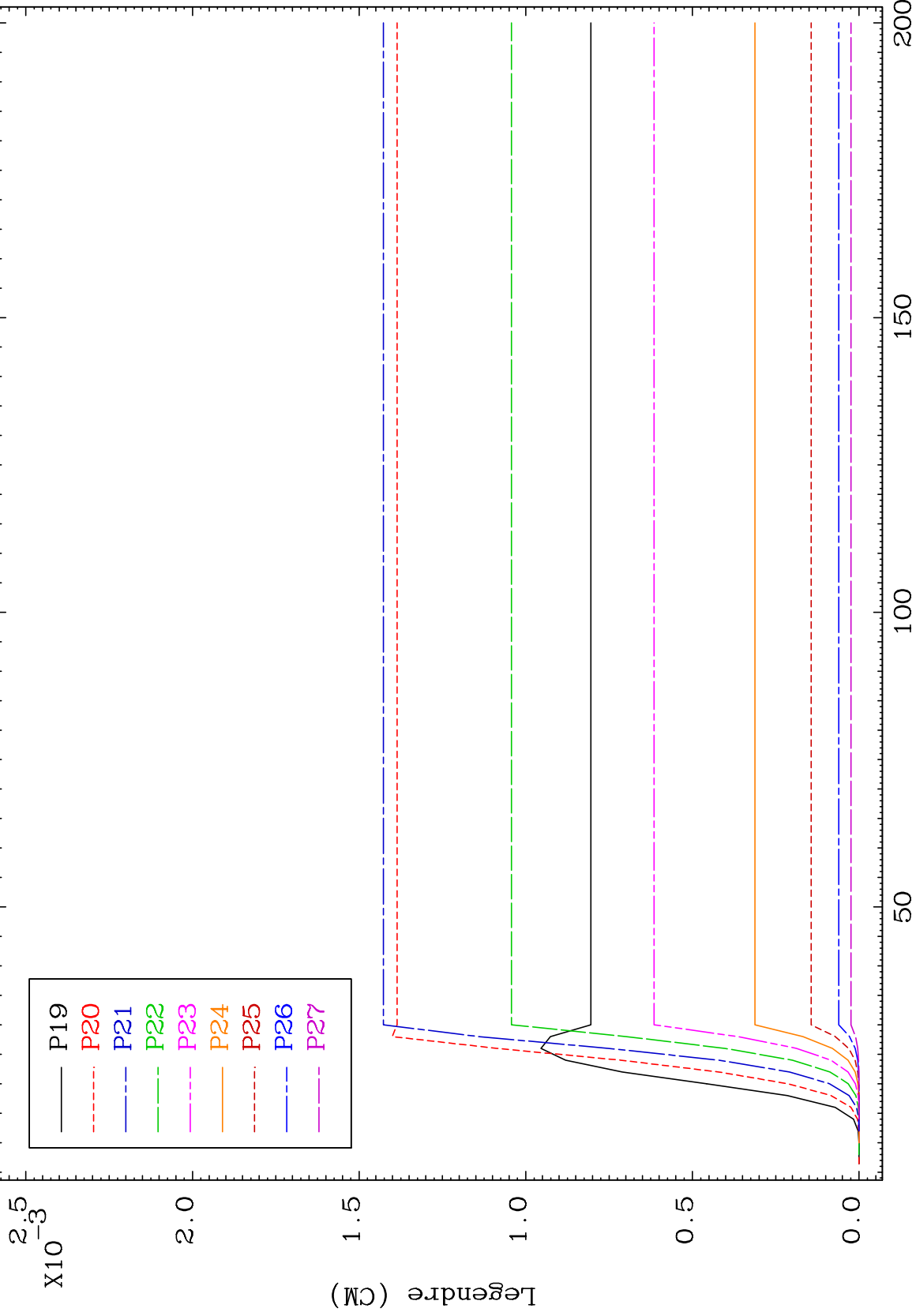




MAT 7274

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

73-Ta-163



61

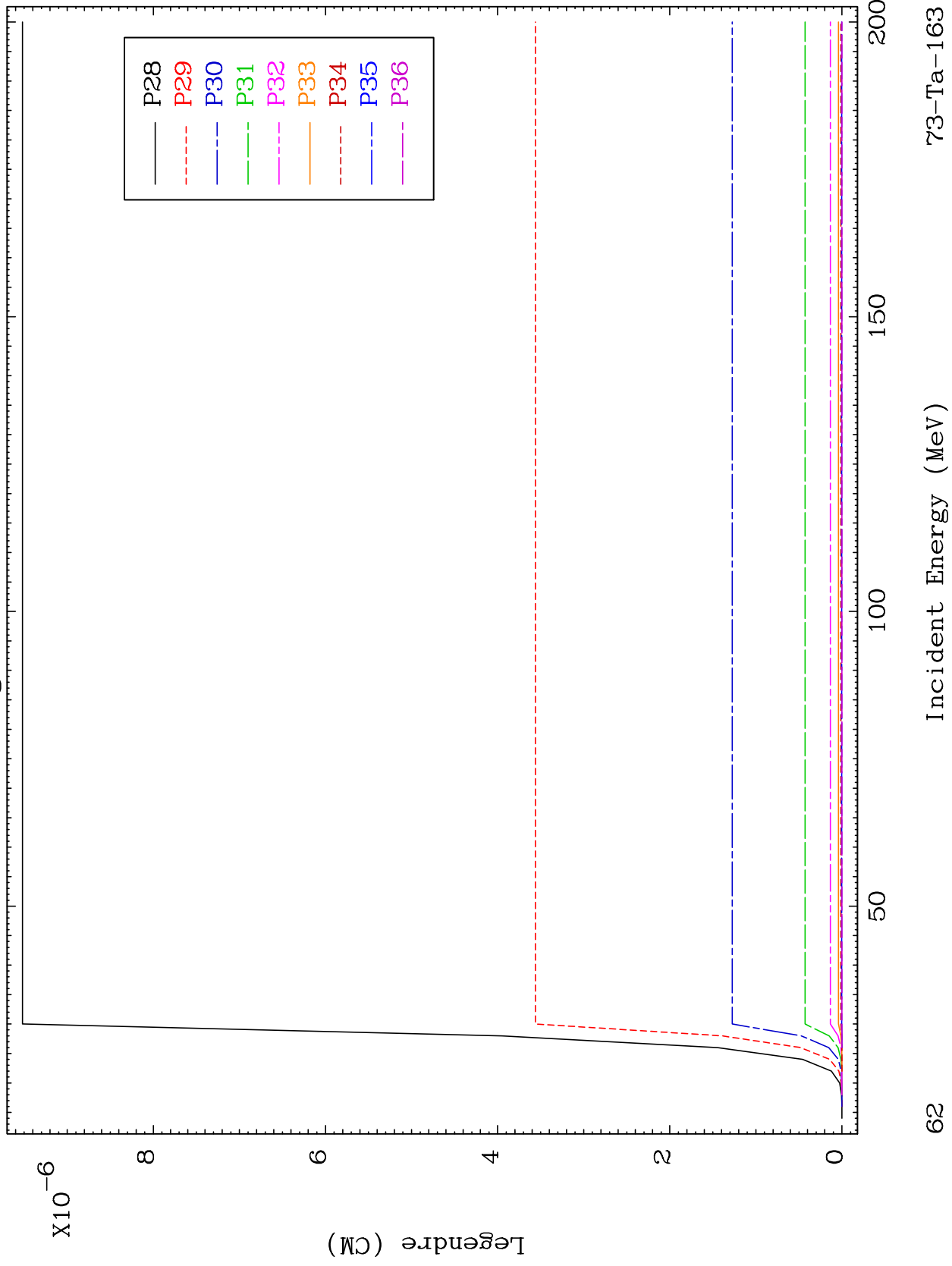
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163

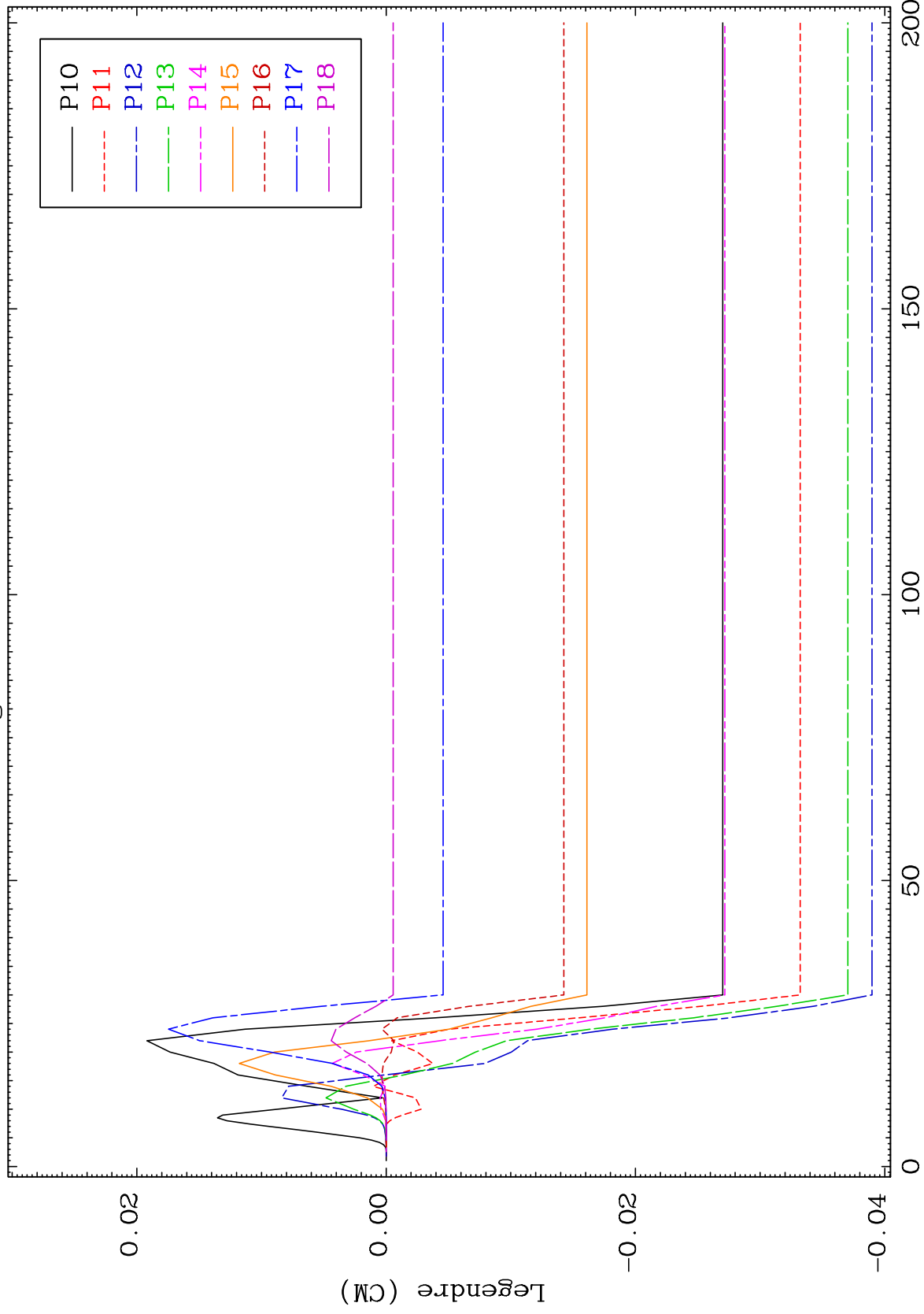


62

MAT 7274

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

73-Ta-163



64

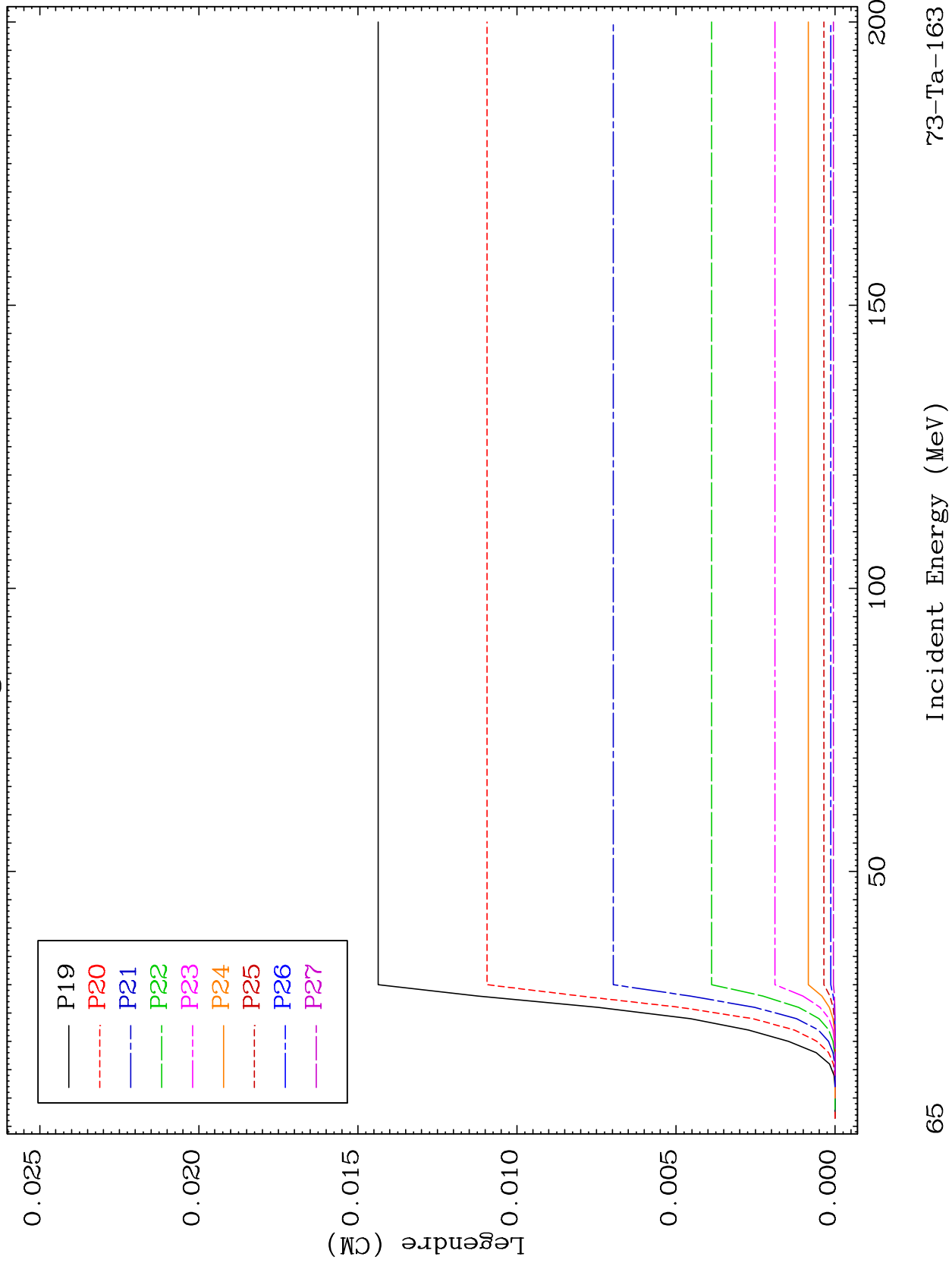
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



65

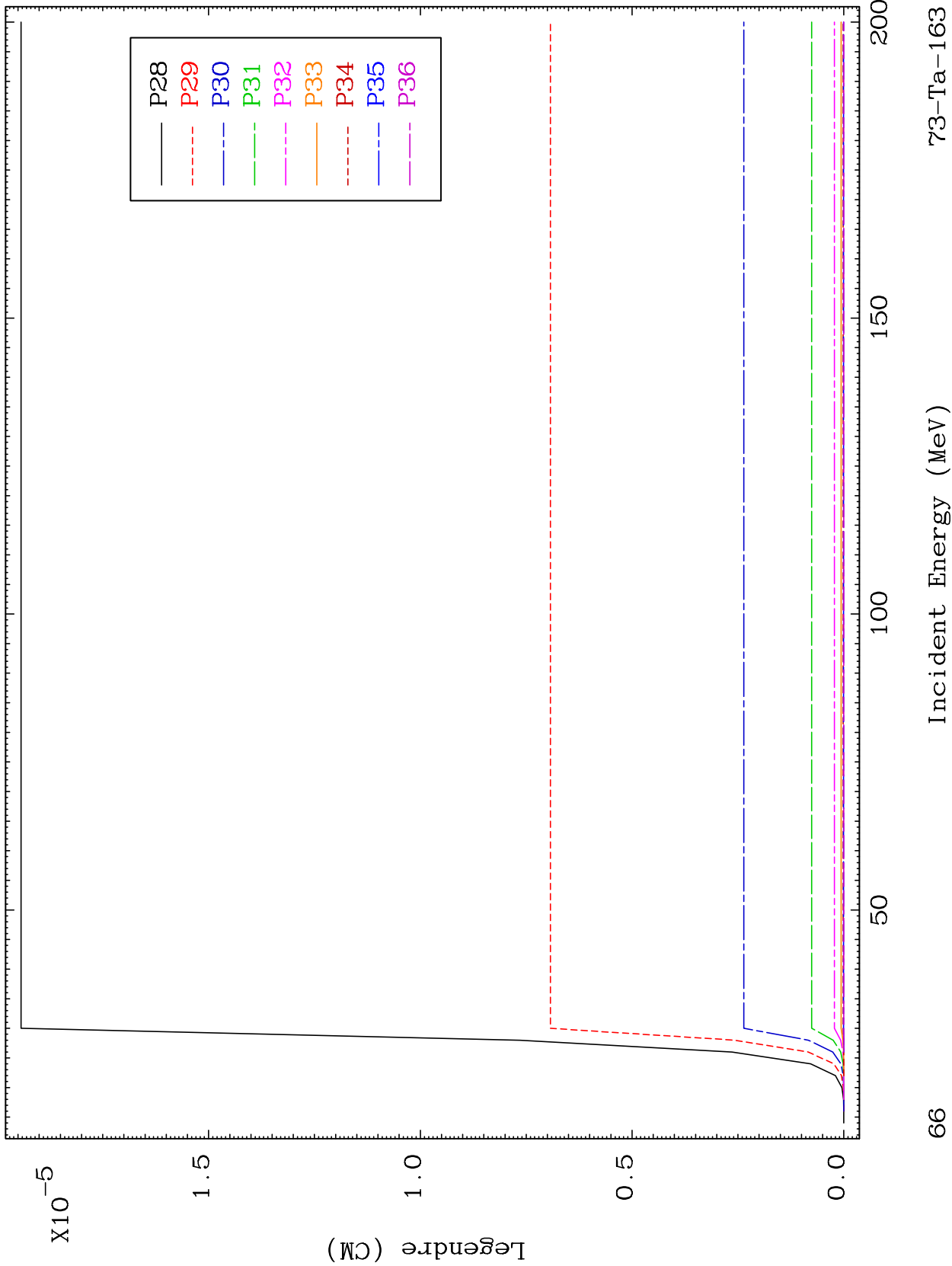
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

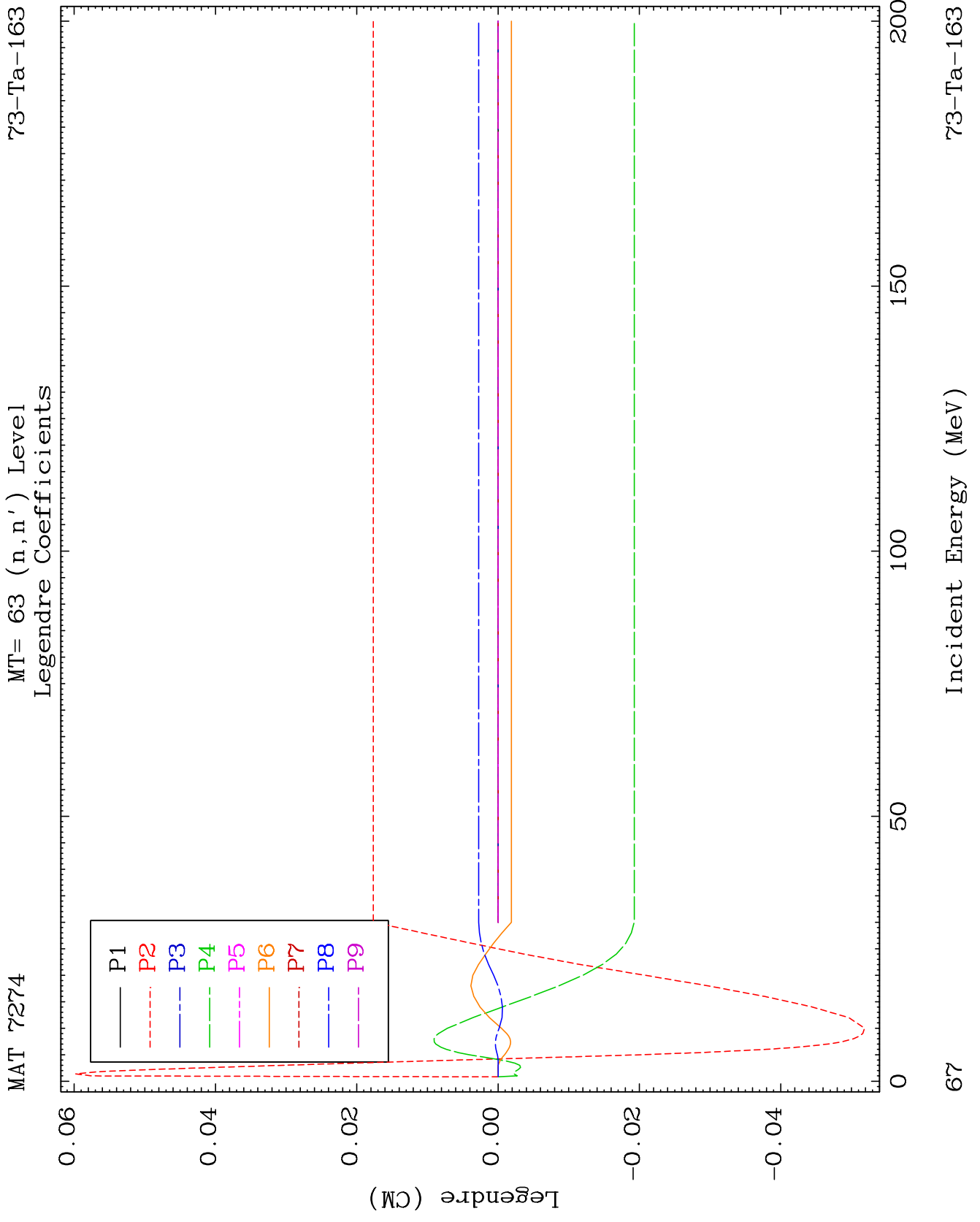
73-Ta-163



66

Incident Energy (MeV)

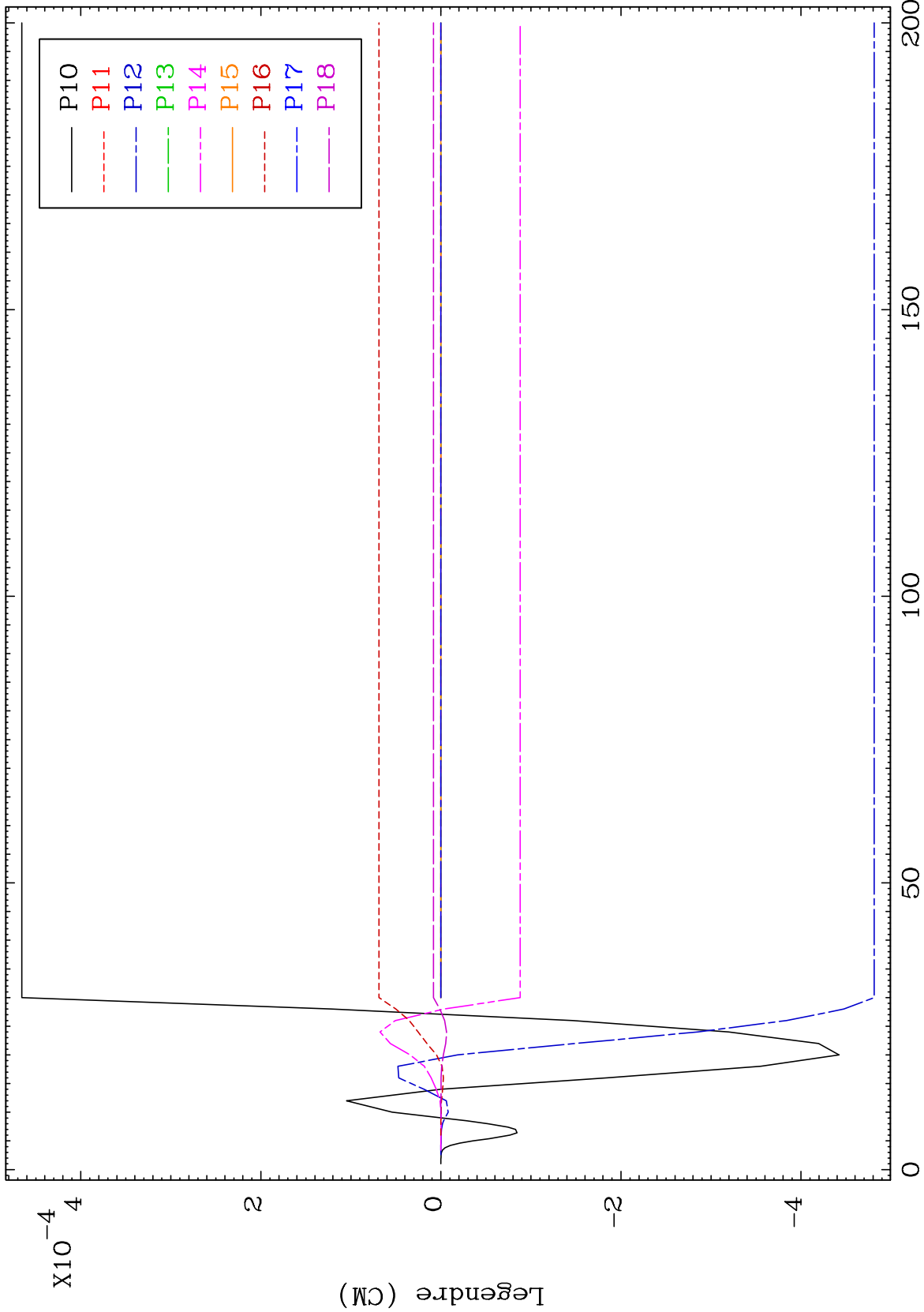
73-Ta-163



MAT 7274

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

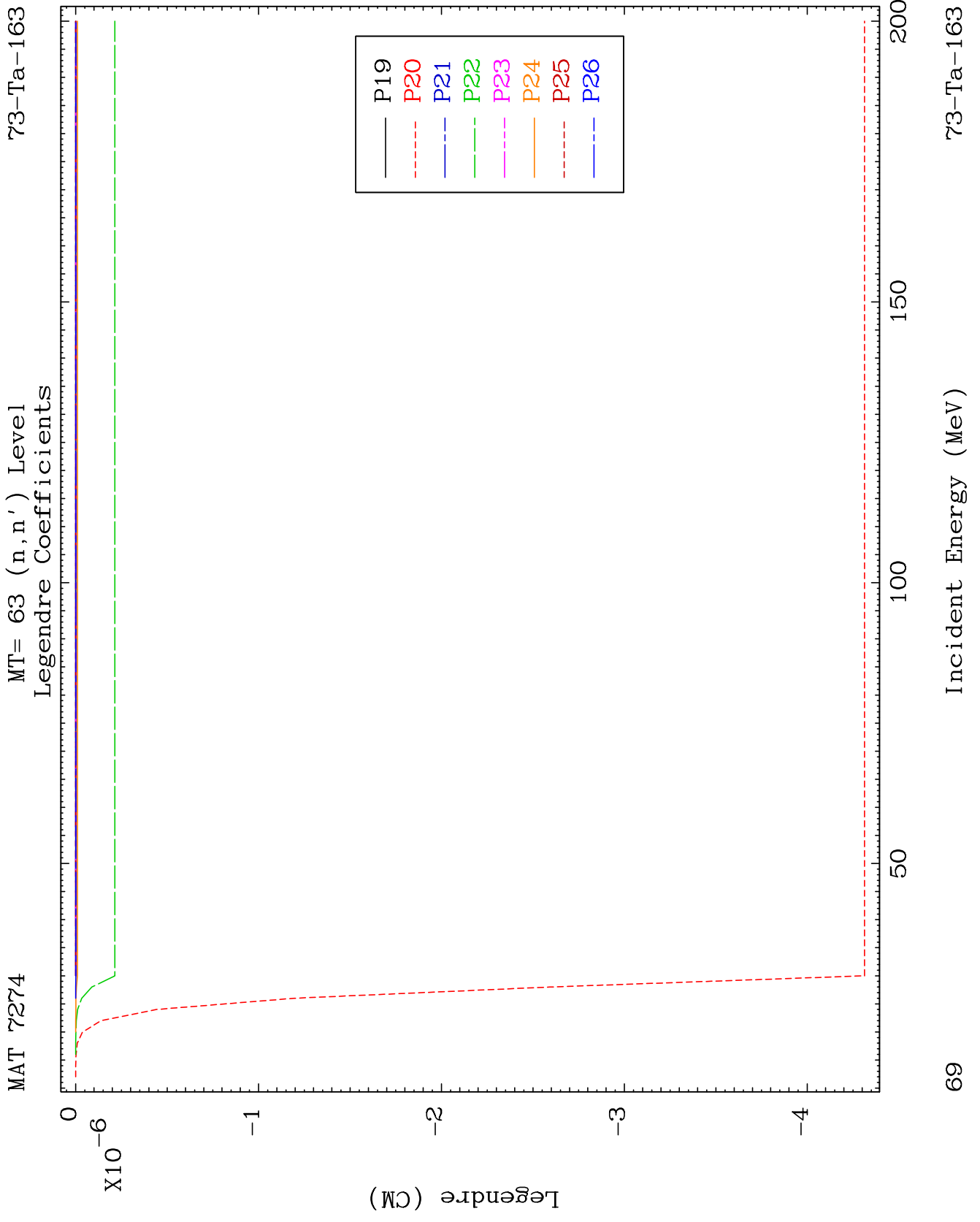
73-Ta-163



68

73-Ta-163

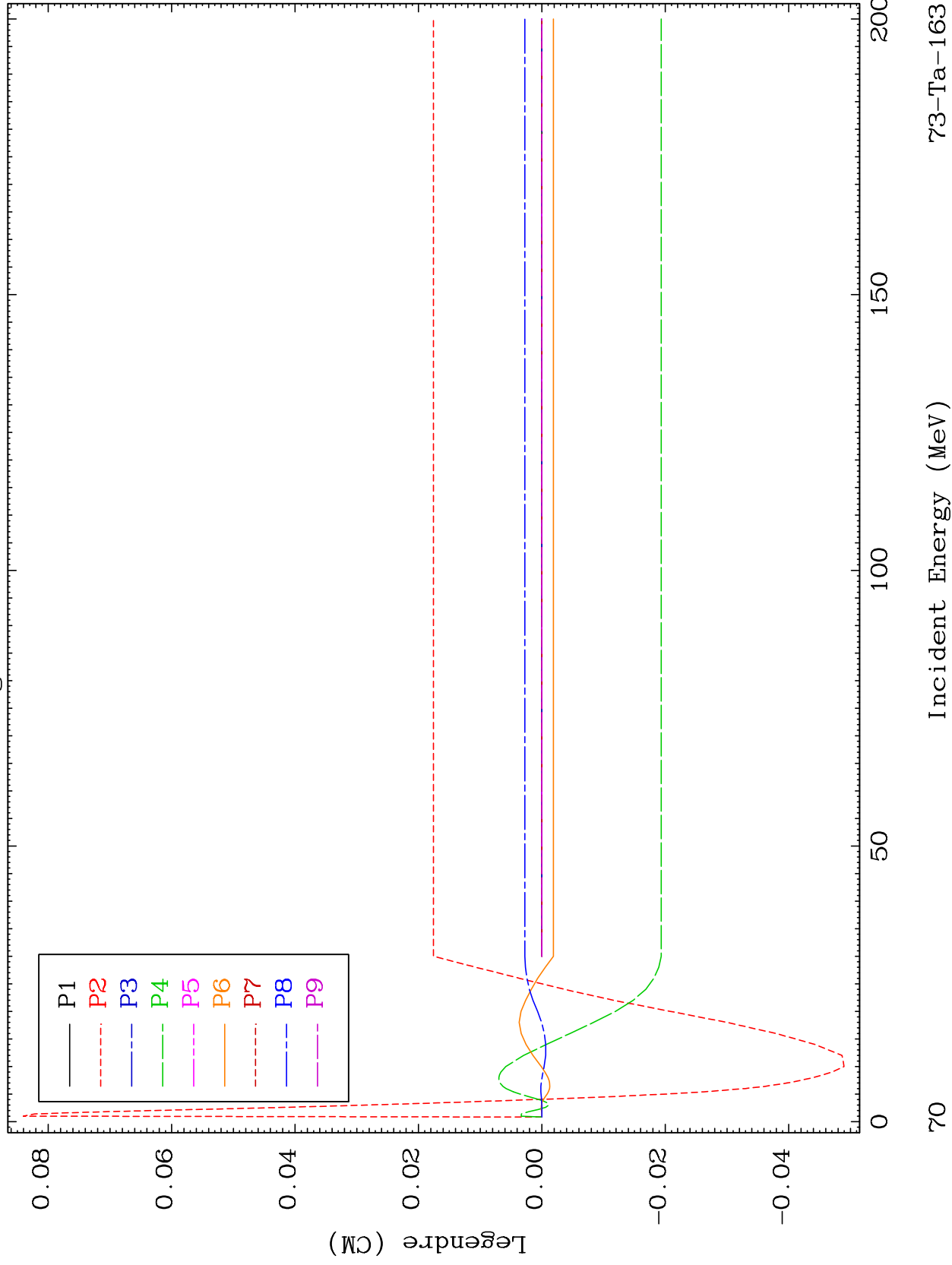
73-Ta-163



MAT 7274

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

73-Ta-163



73-Ta-163

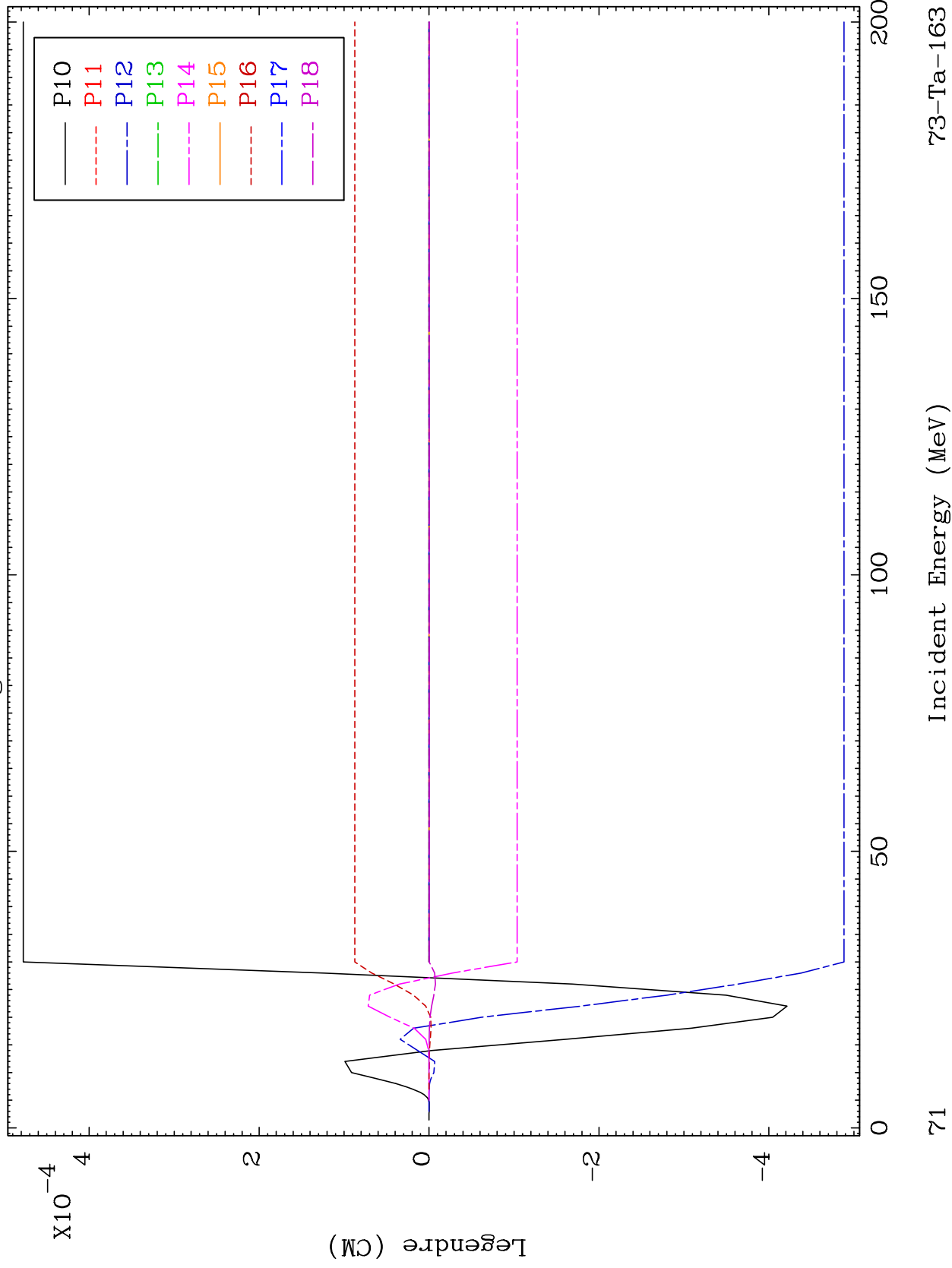
Incident Energy (MeV)

70

MAT 7274

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

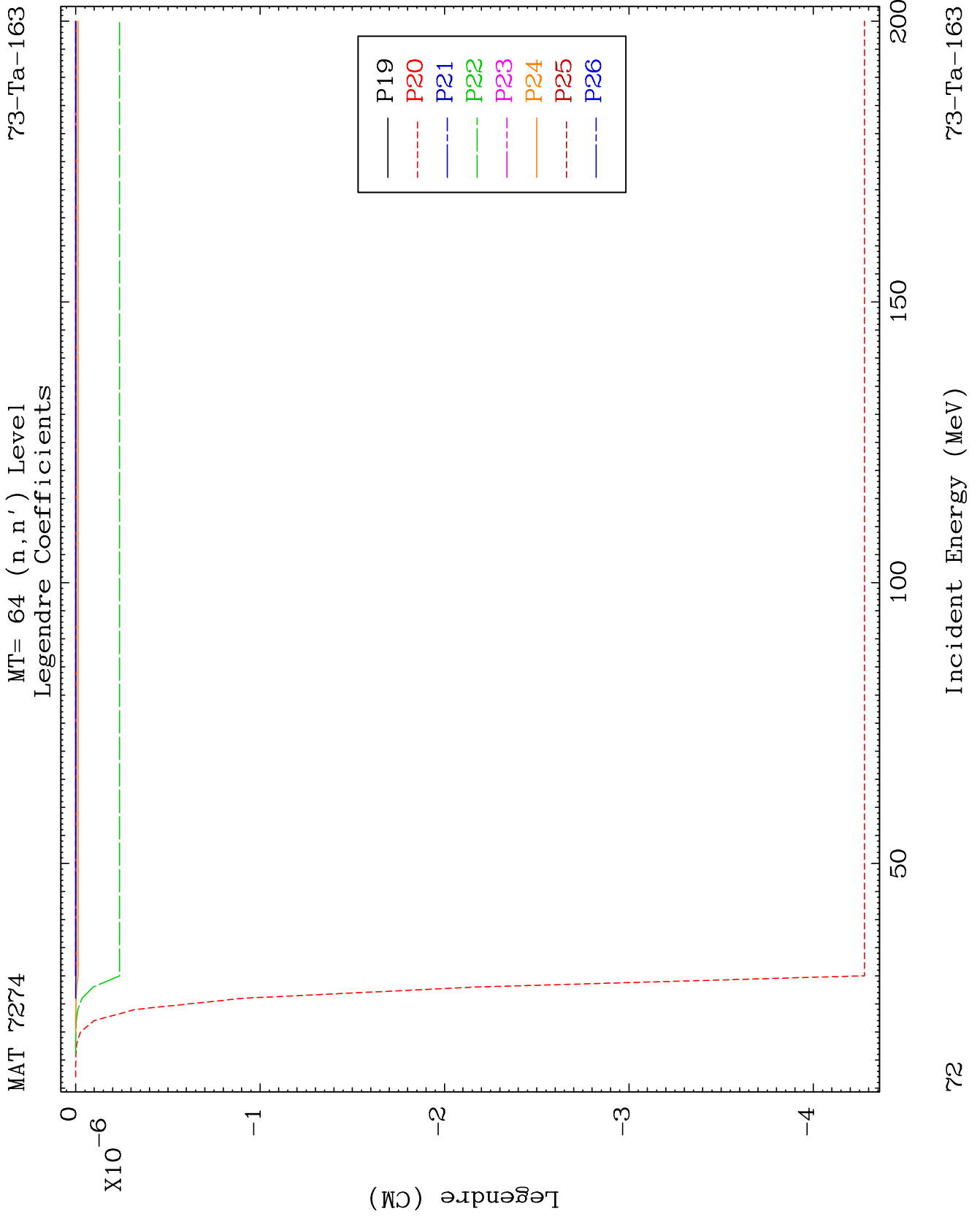
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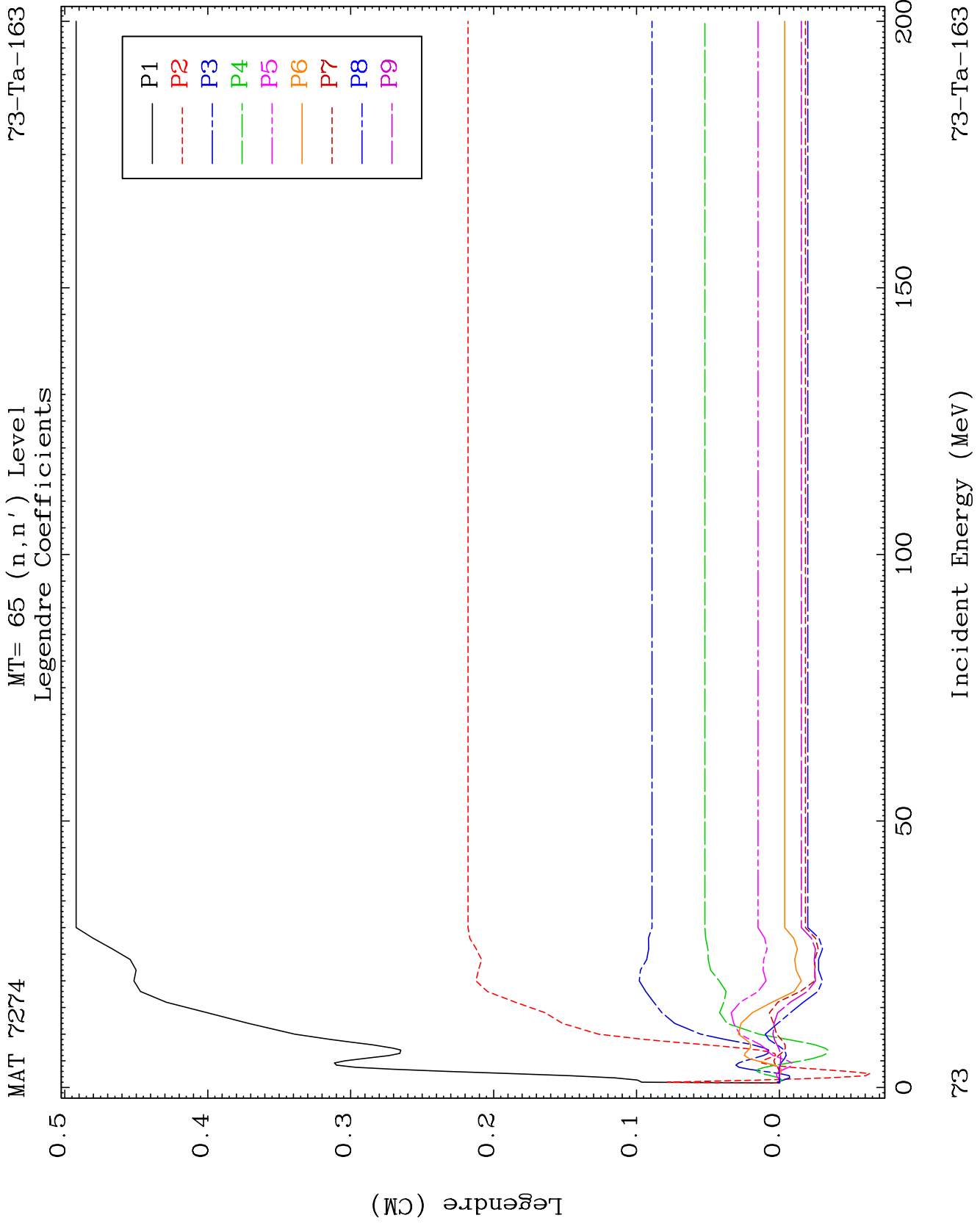


71

Incident Energy (MeV)

73-Ta-163

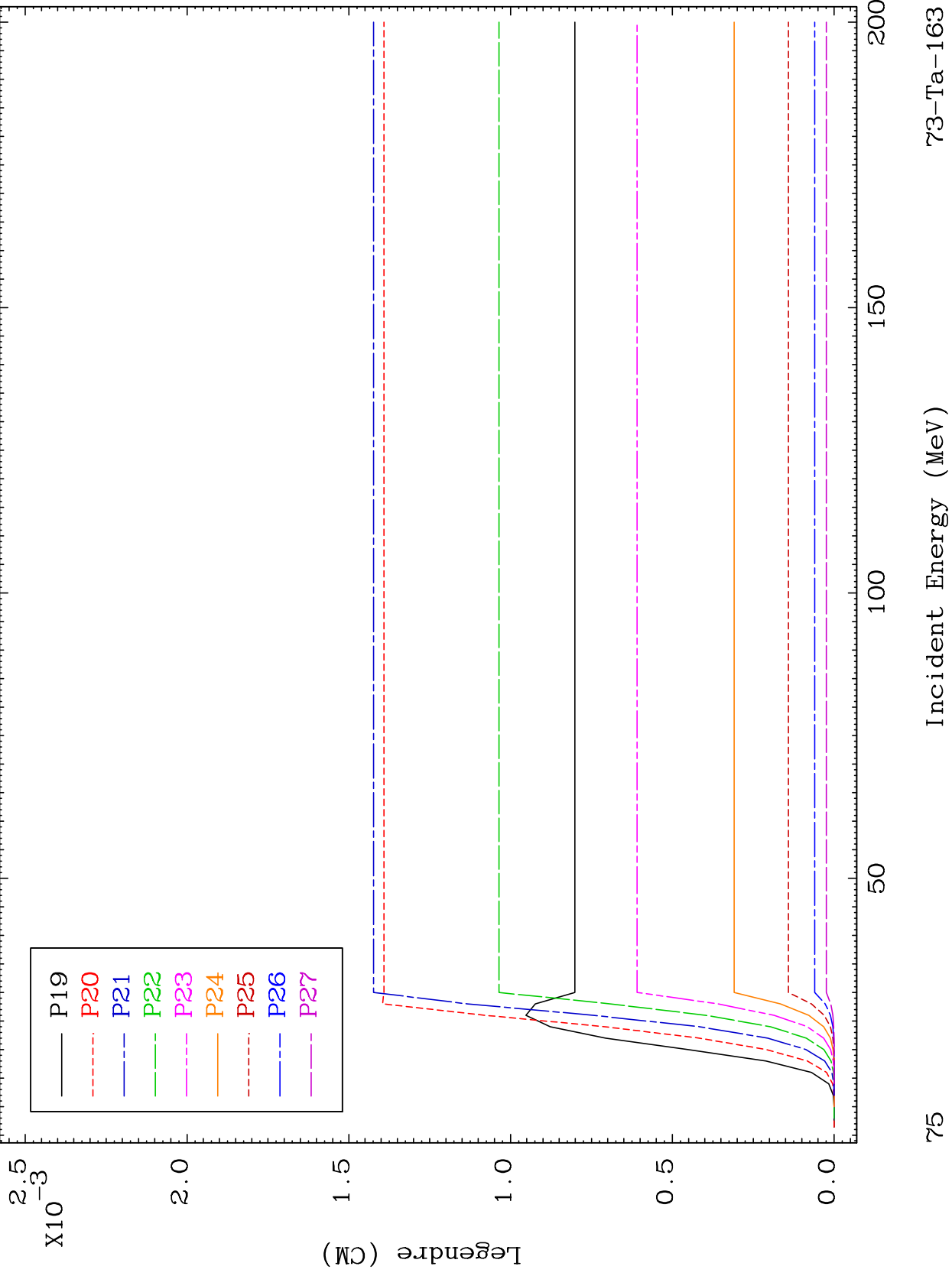




MAT 7274

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

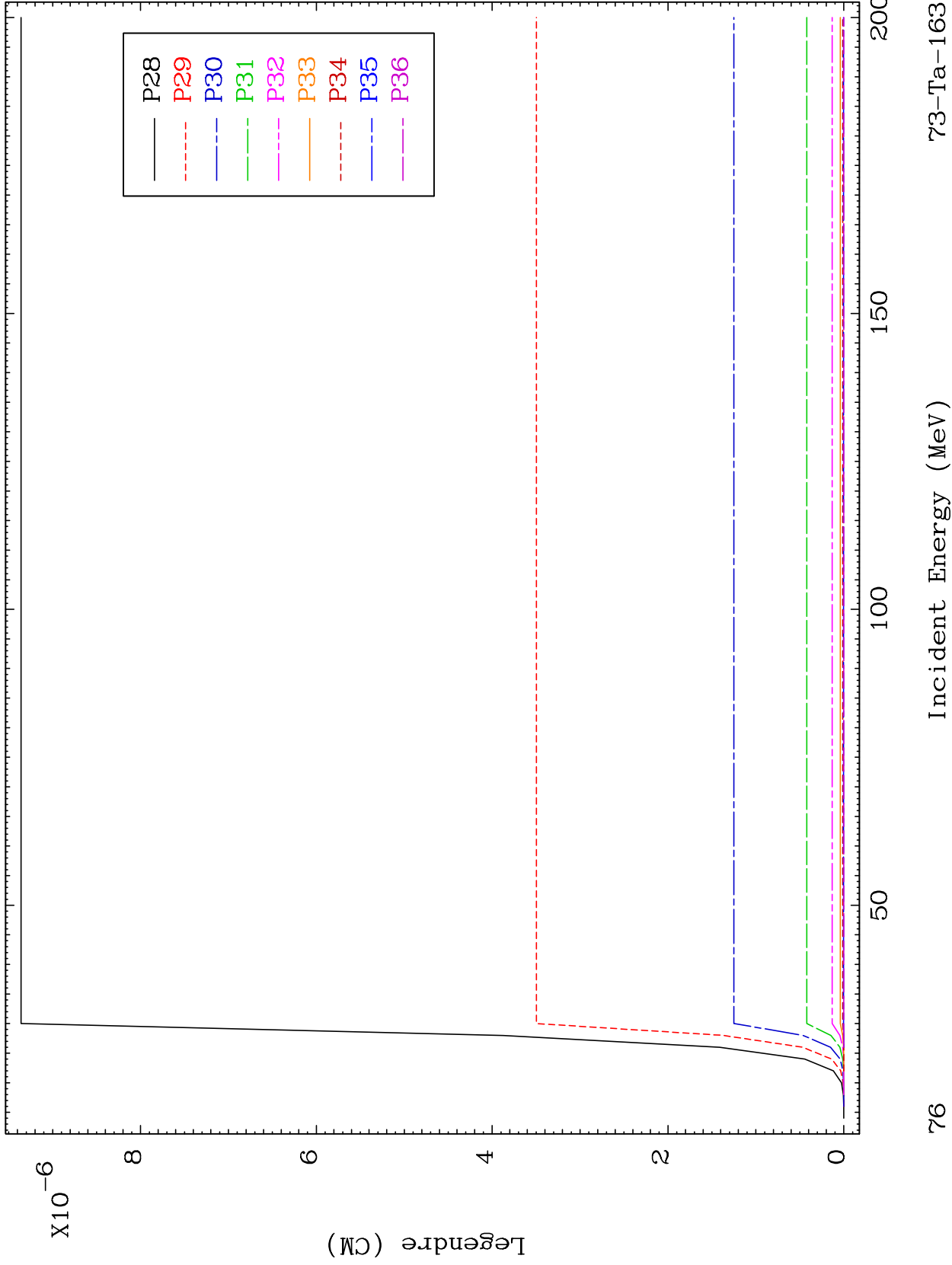
73-Ta-163



MAT 7274

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

73-Ta-163



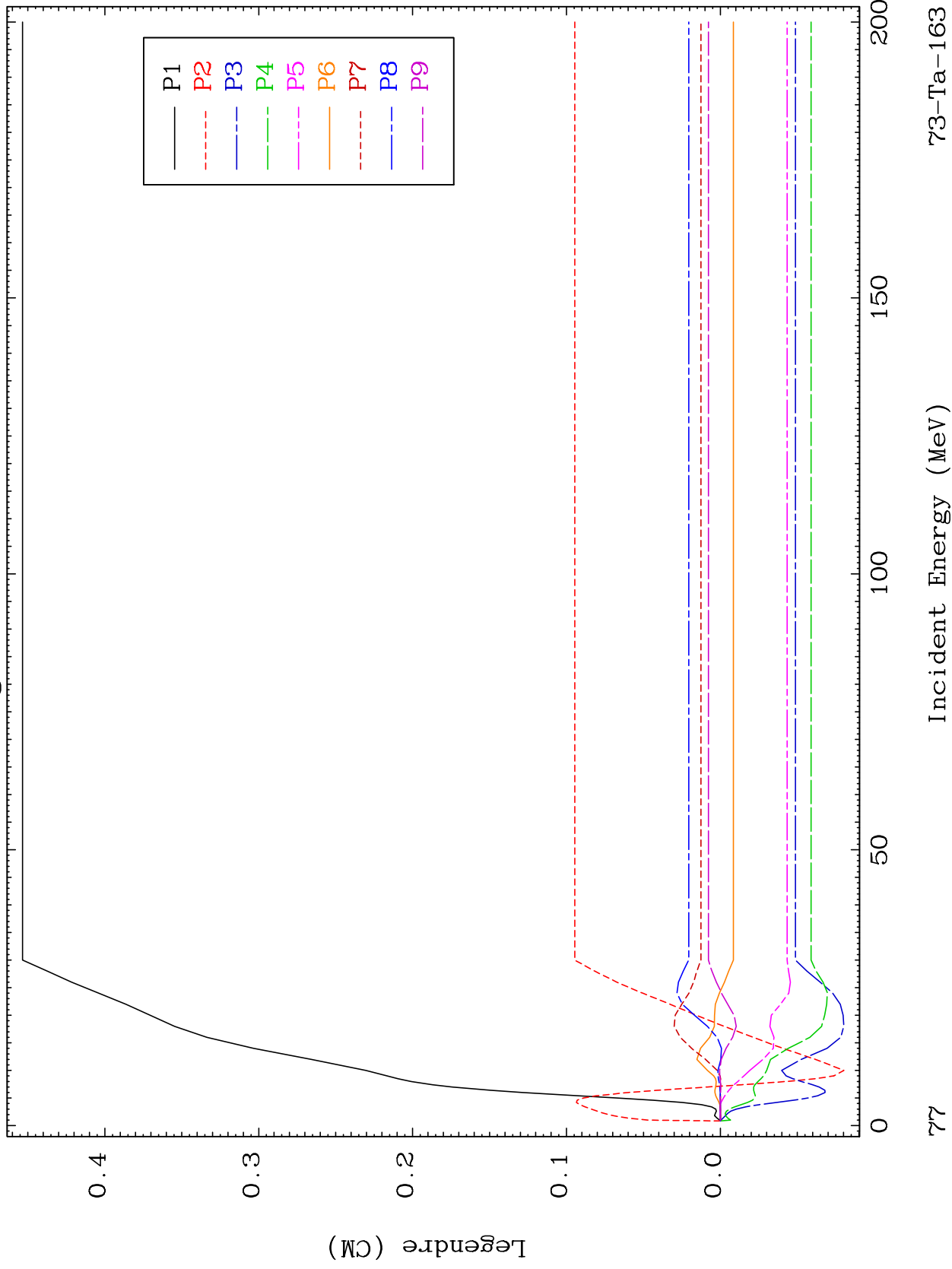
76

73-Ta-163

MAT 7274

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

73-Ta-163



73-Ta-163

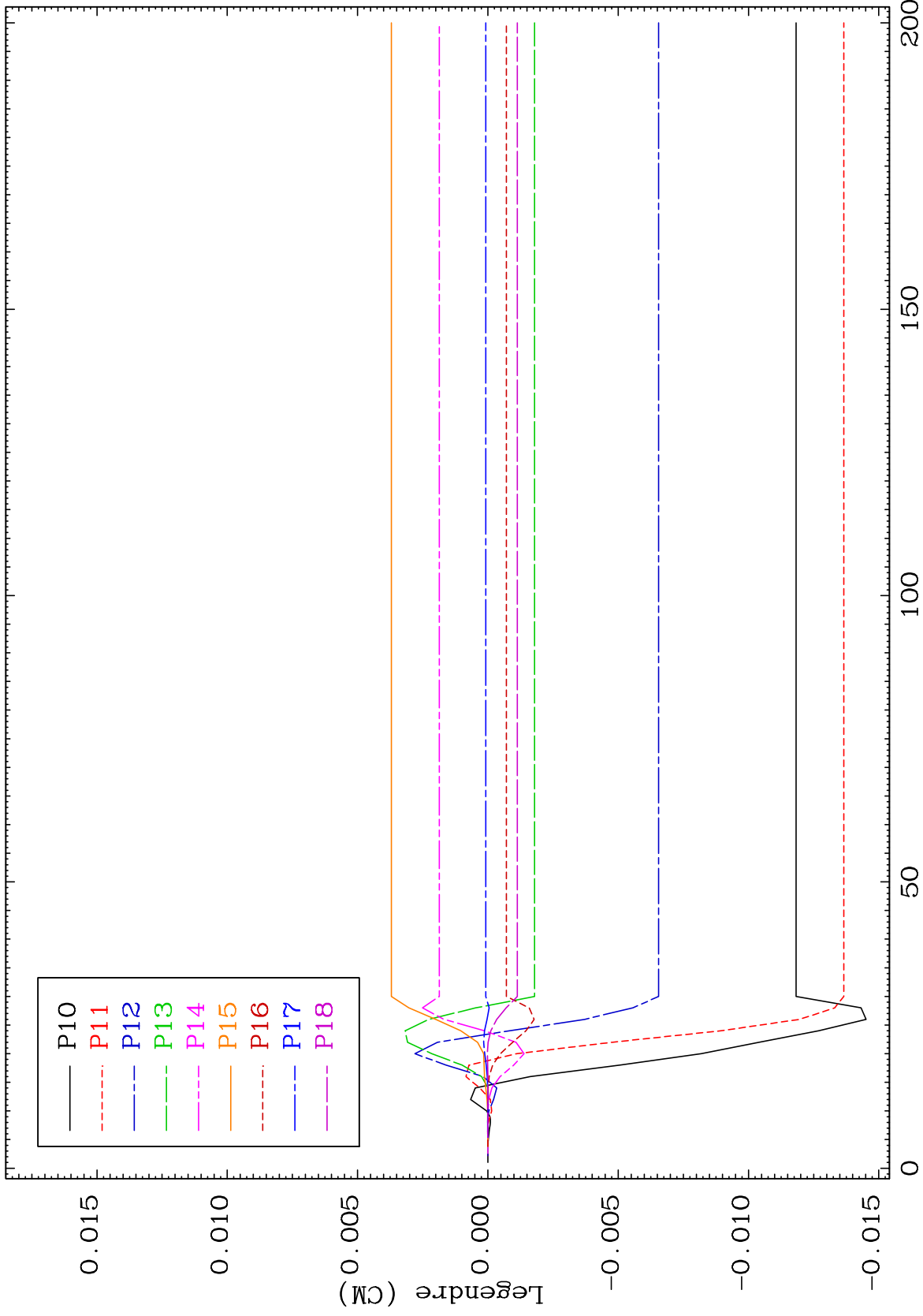
Incident Energy (MeV)

77

MAT 7274

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

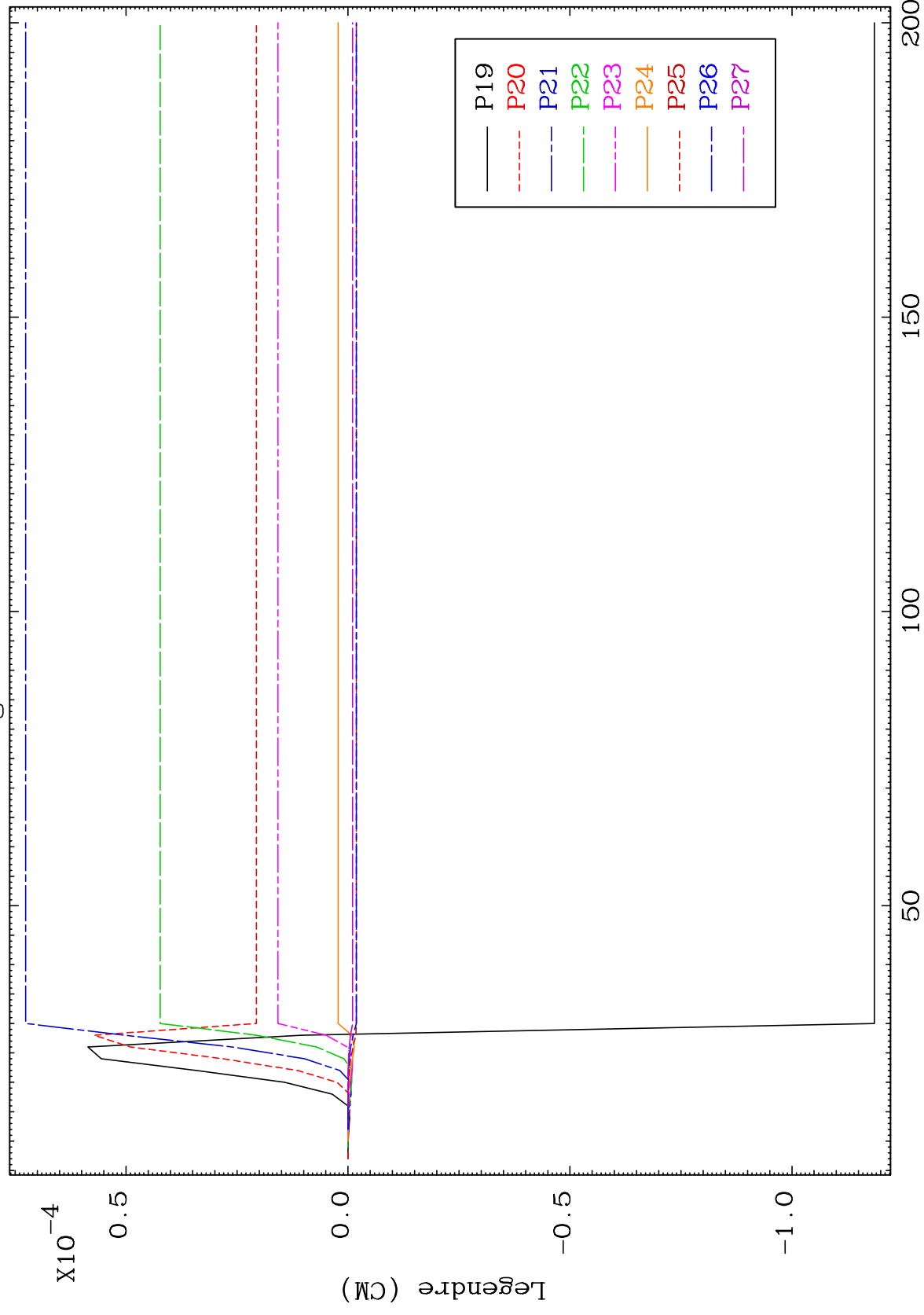
73-Ta-163



MAT 7274

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

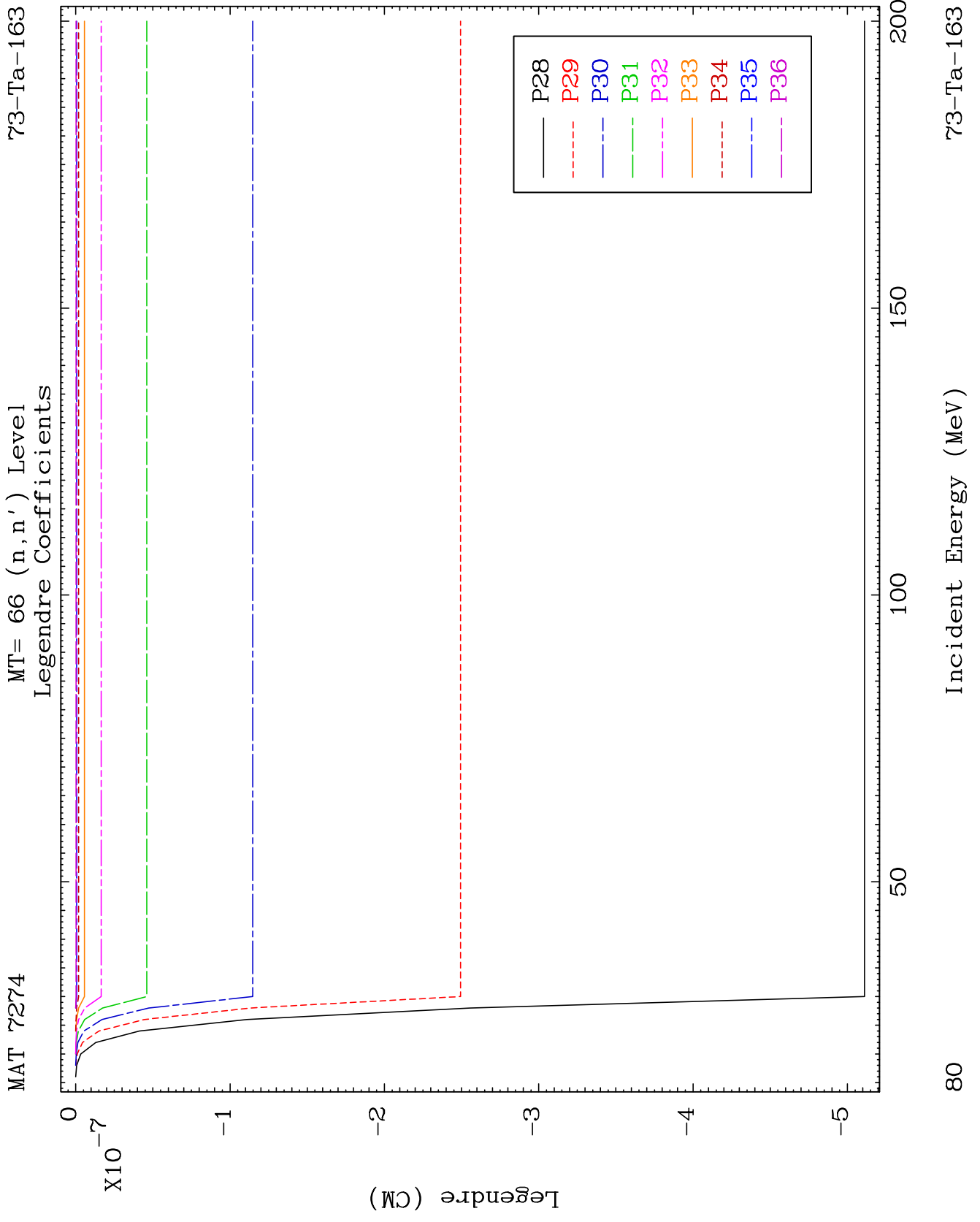
73-Ta-163



79

Incident Energy (MeV)

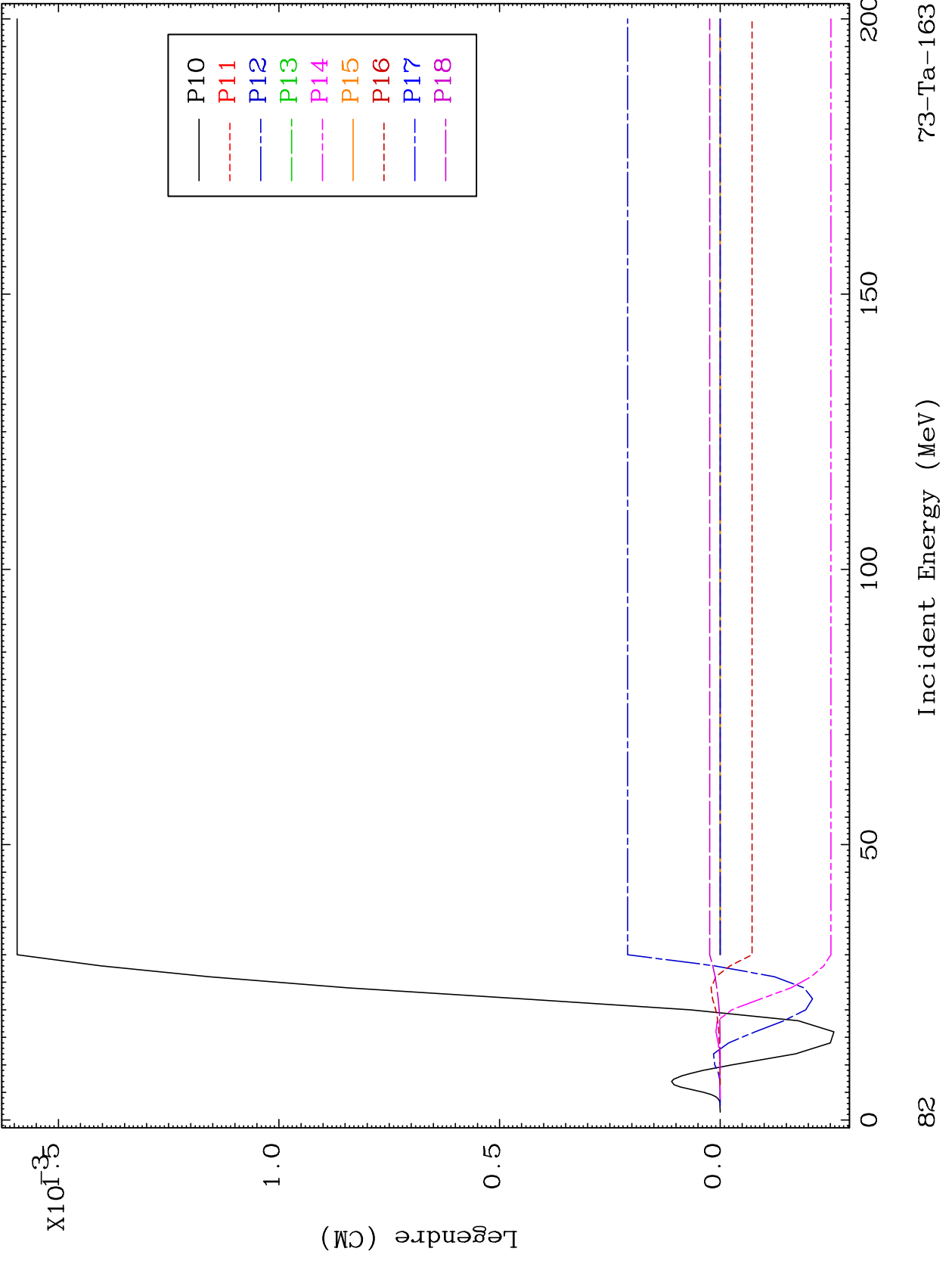
73-Ta-163



MAT 7274

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

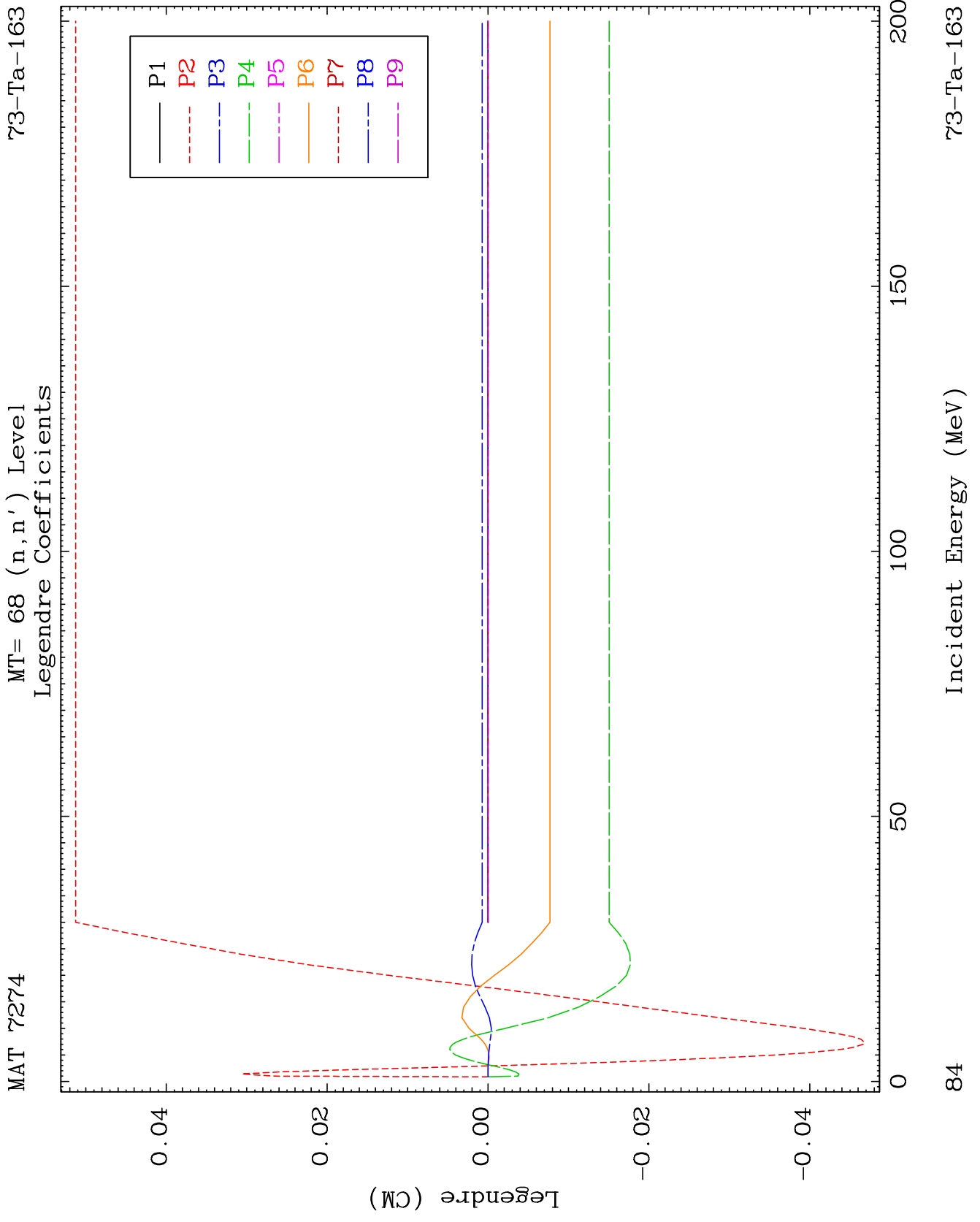
73-Ta-163



73-Ta-163

Incident Energy (MeV)

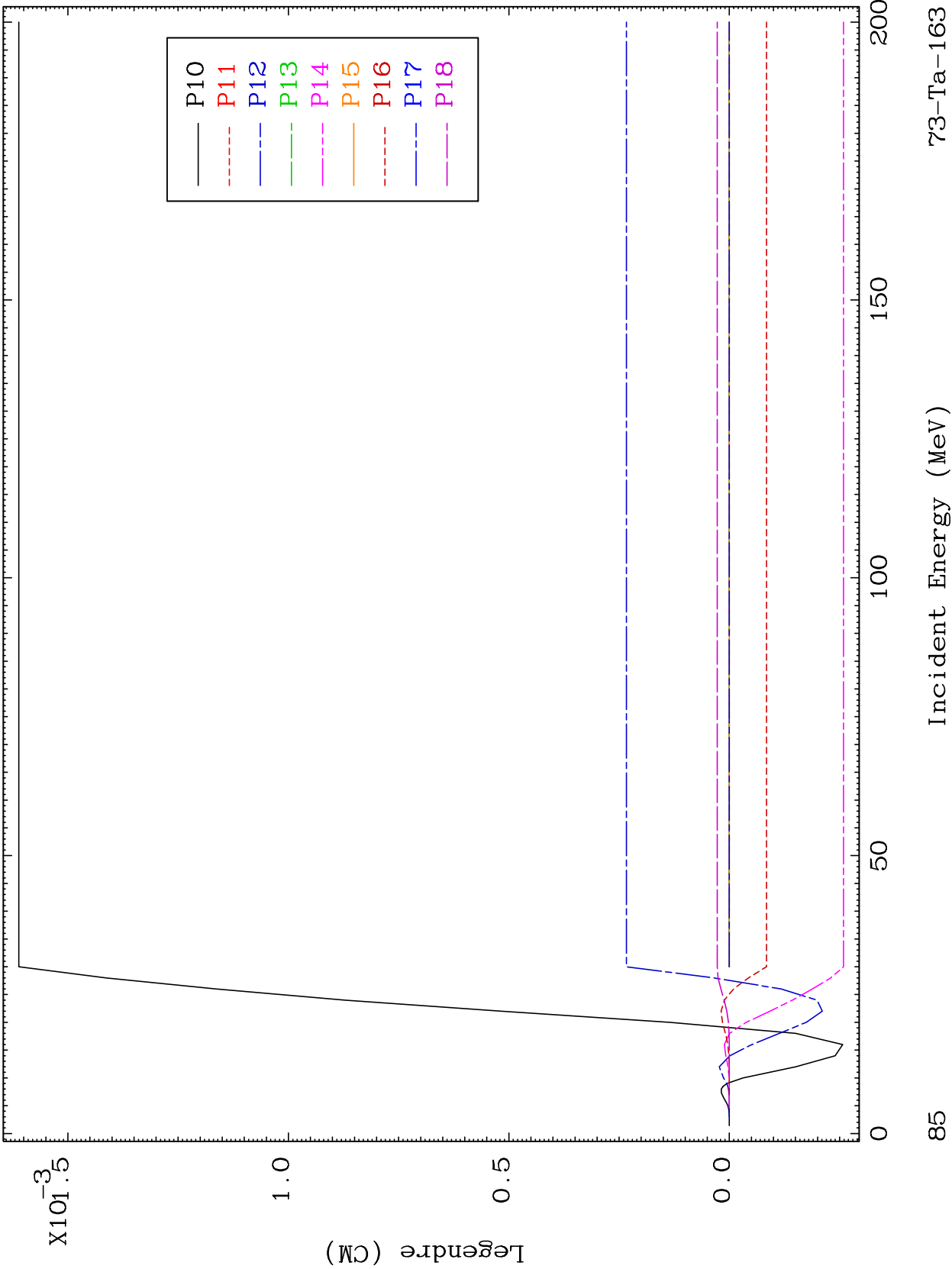
82



MAT 7274

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

73-Ta-163



73-Ta-163

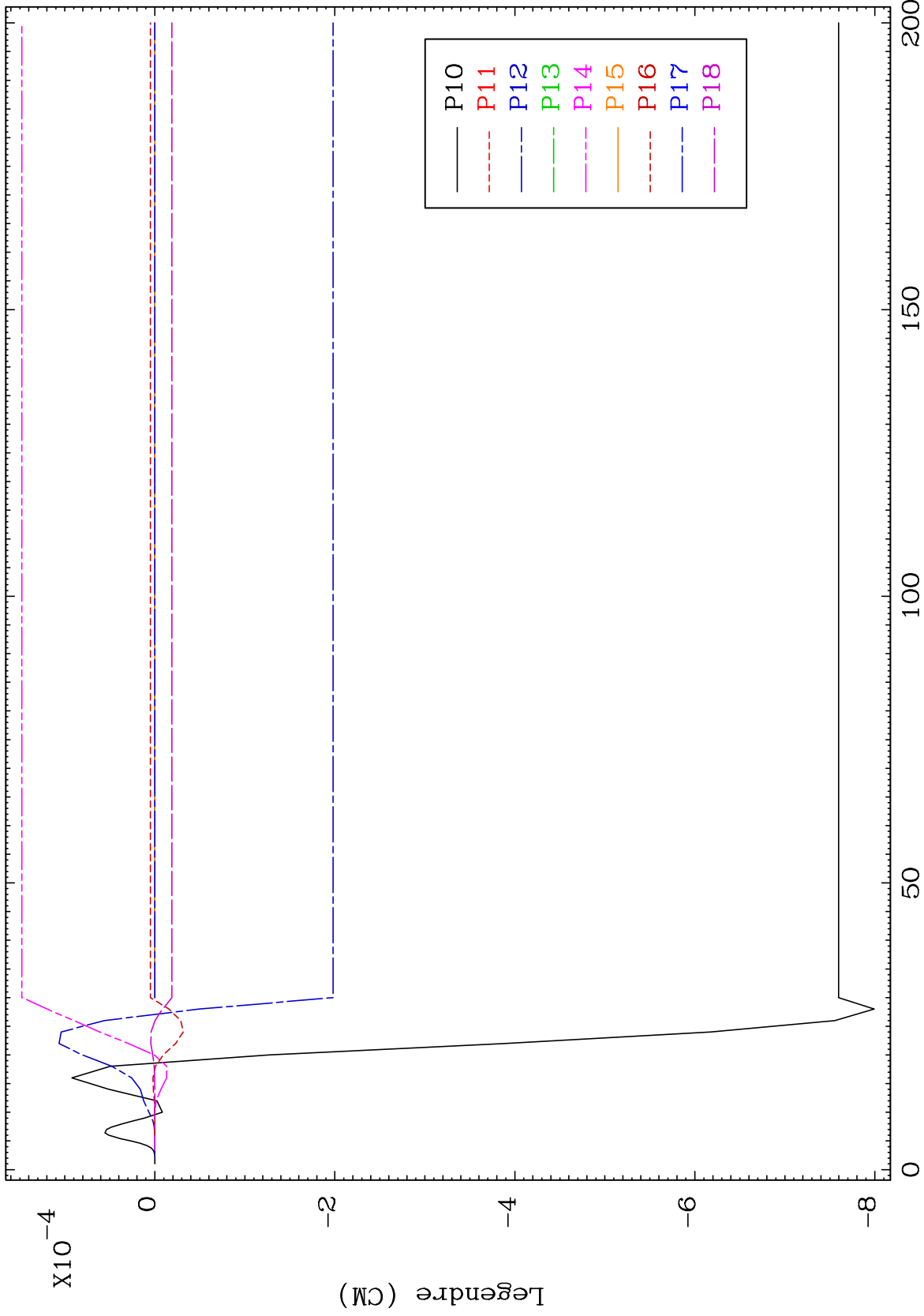
Incident Energy (MeV)

85

MAT 7274

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

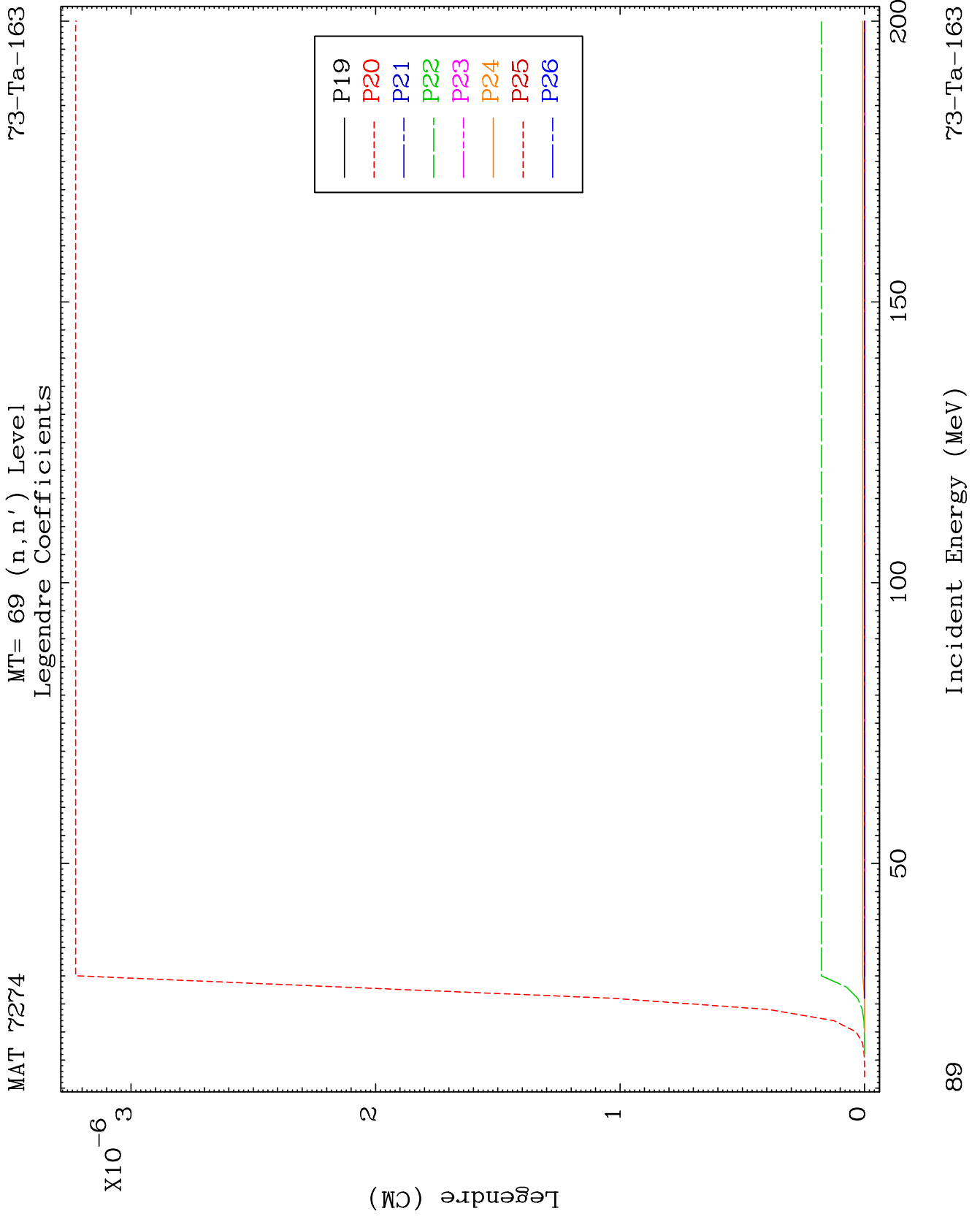
73-Ta-163



88

Incident Energy (MeV)

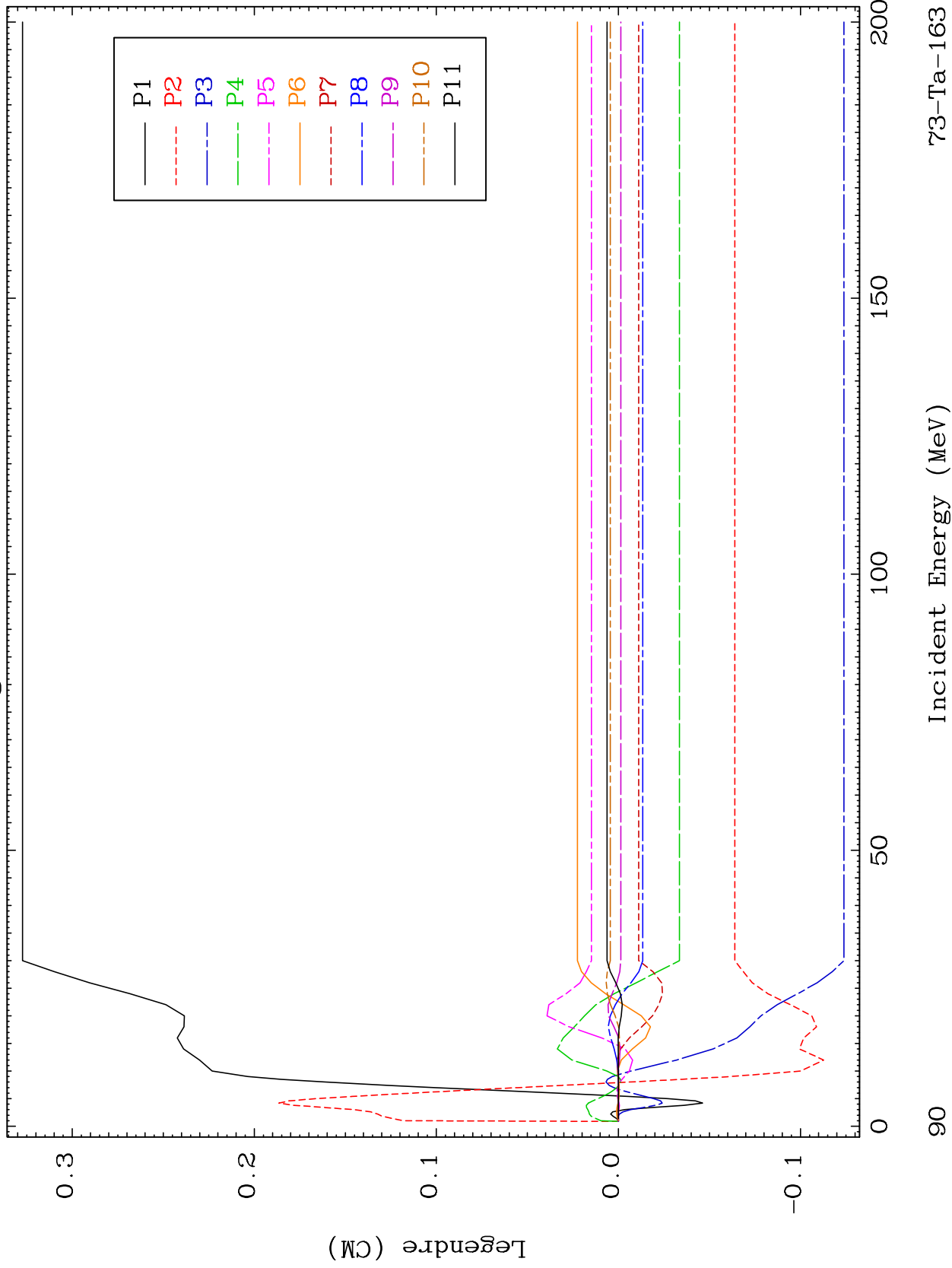
73-Ta-163



MAT 7274

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

73-Ta-163



73-Ta-163

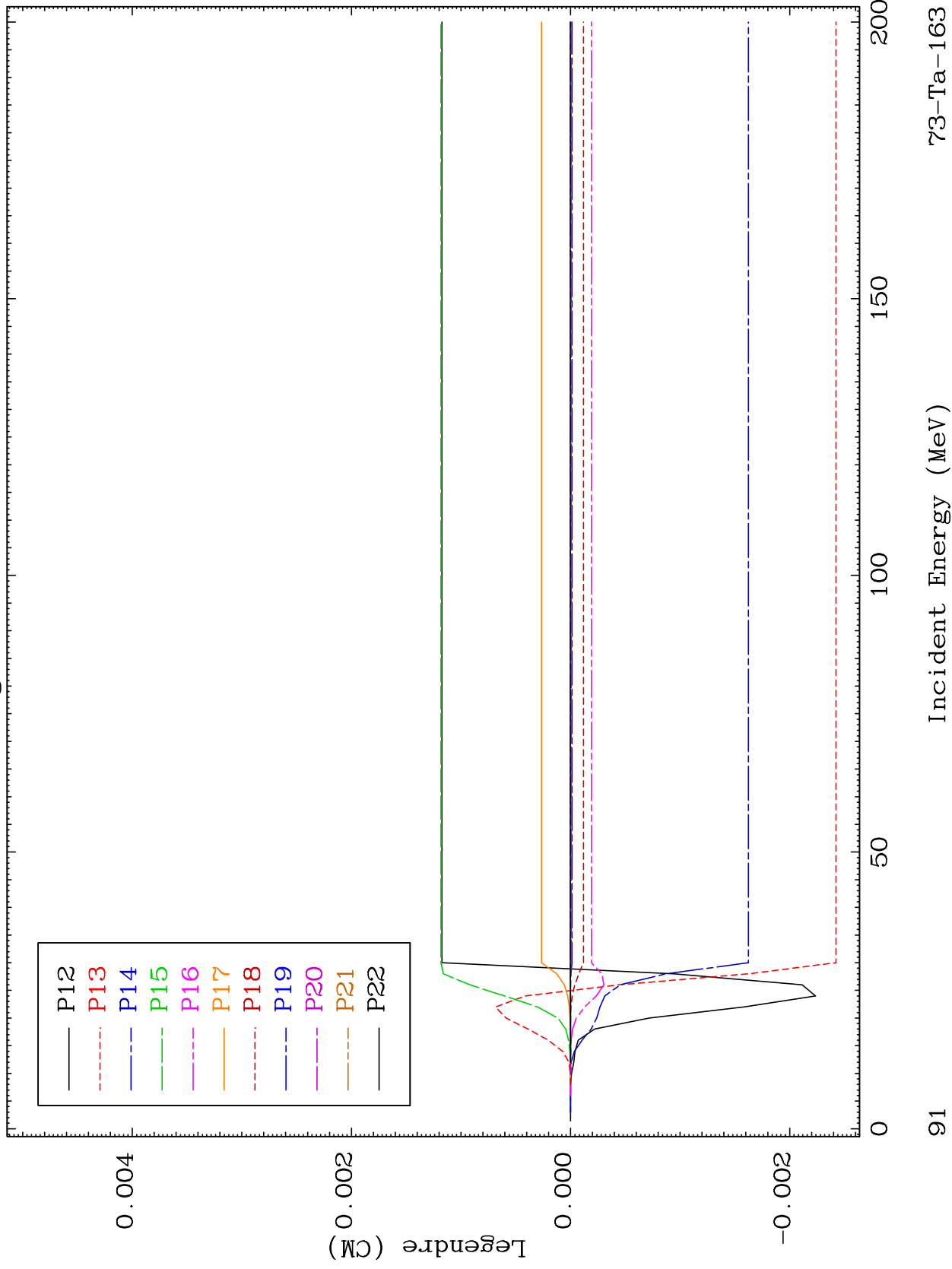
Incident Energy (MeV)

90

MAT 7274

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

73-Ta-163



91

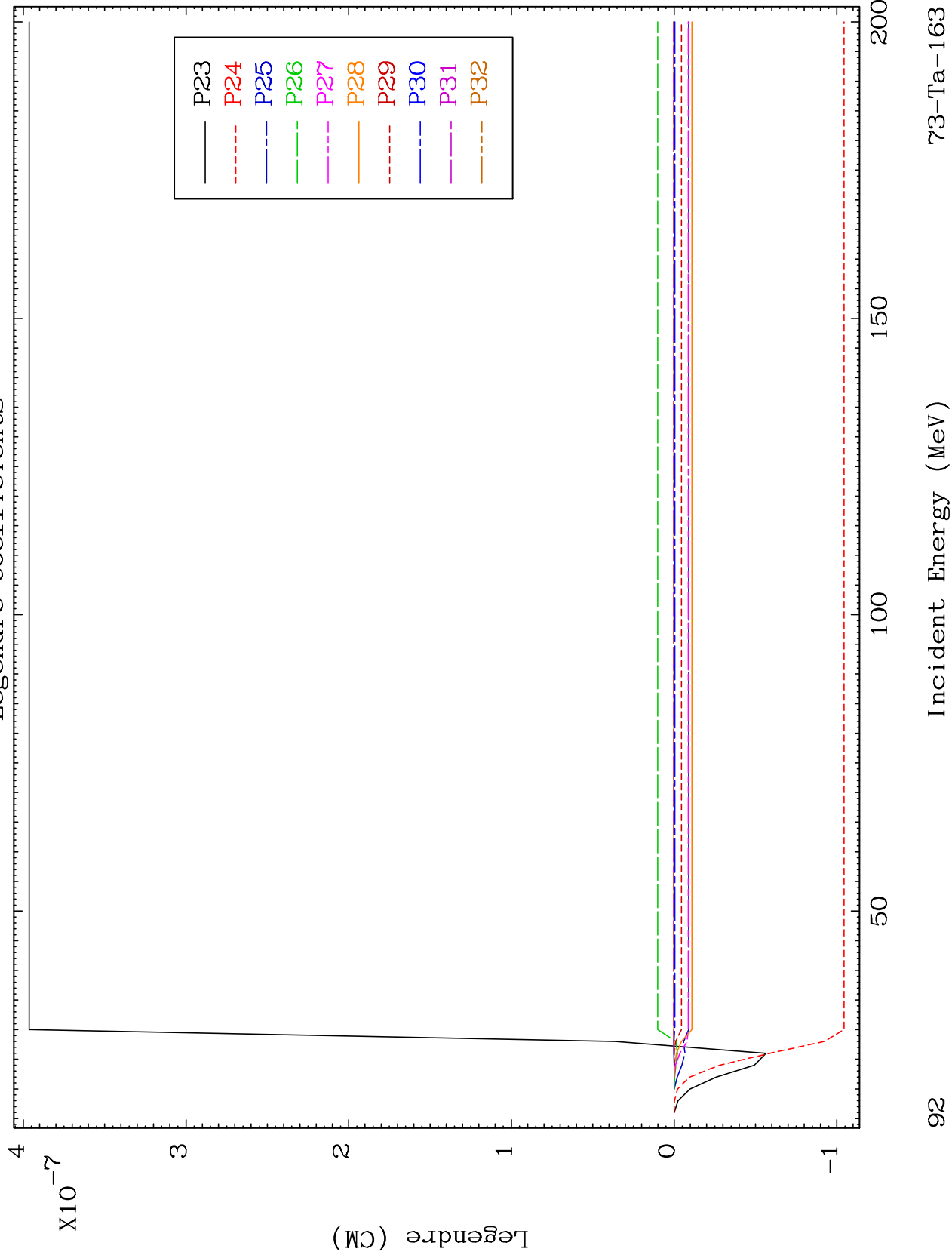
Incident Energy (MeV)

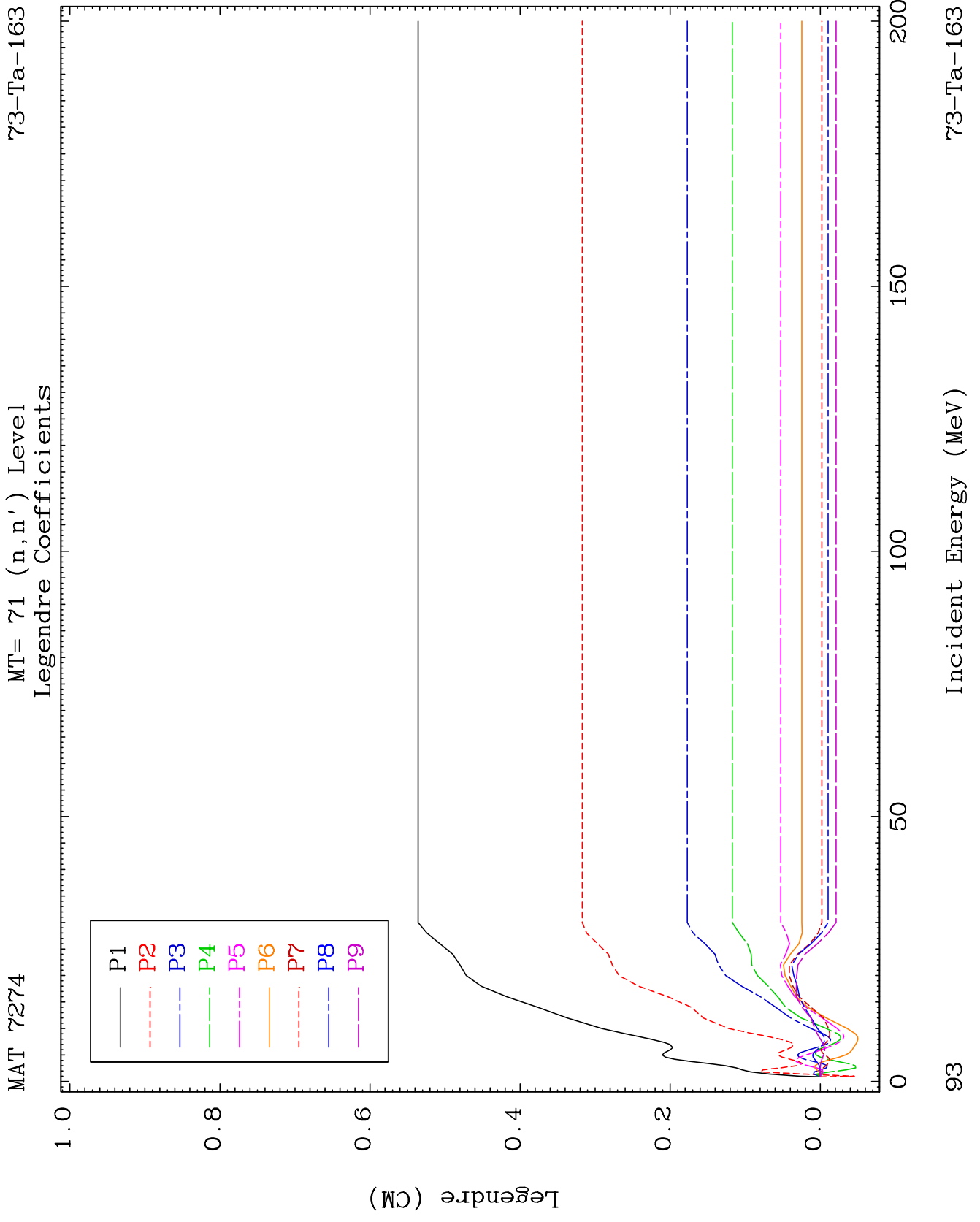
73-Ta-163

MAT 7274

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

73-Ta-163

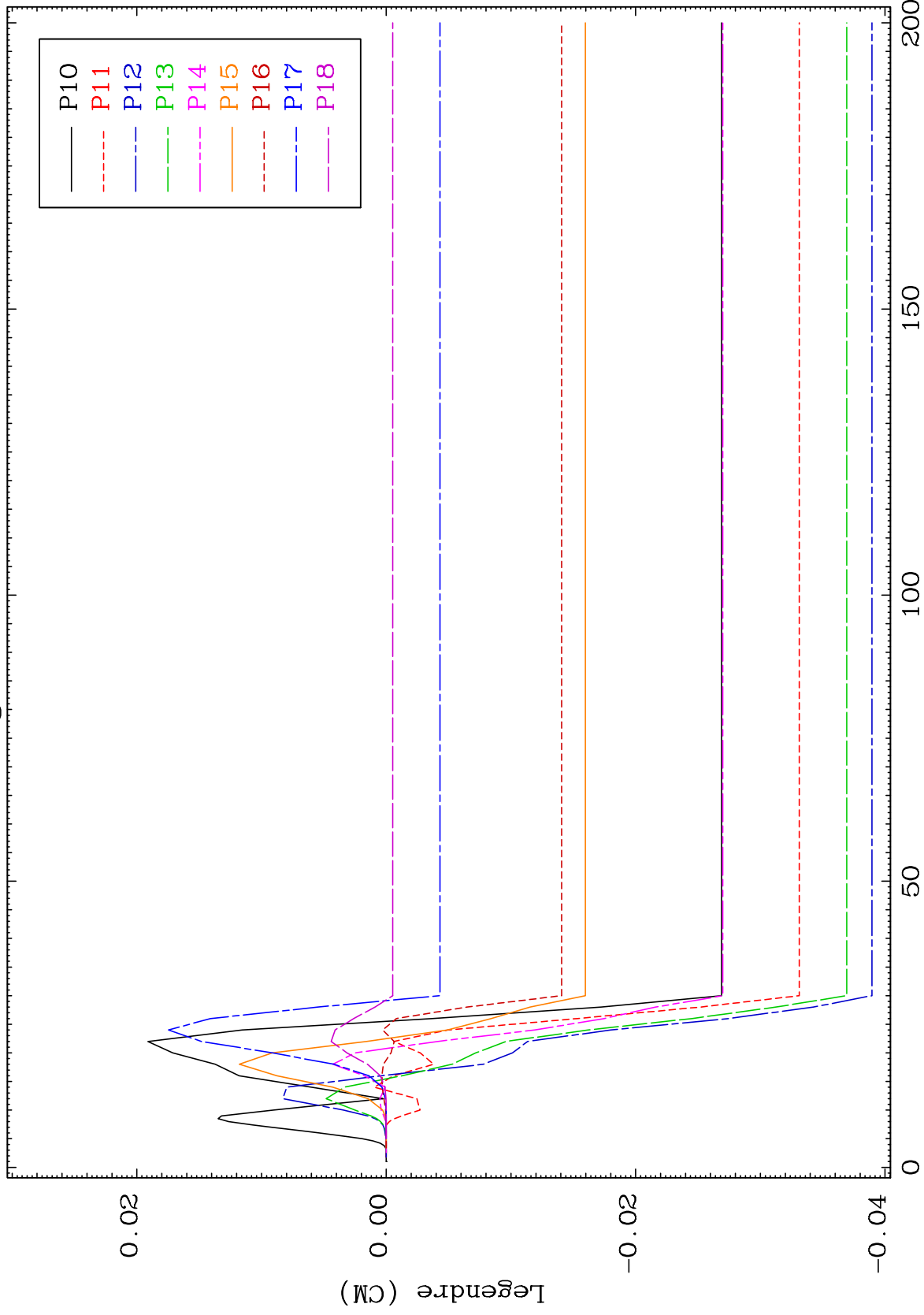




MAT 7274

MT= 71 (n,n') Level
Legendre Coefficients

73-Ta-163



94

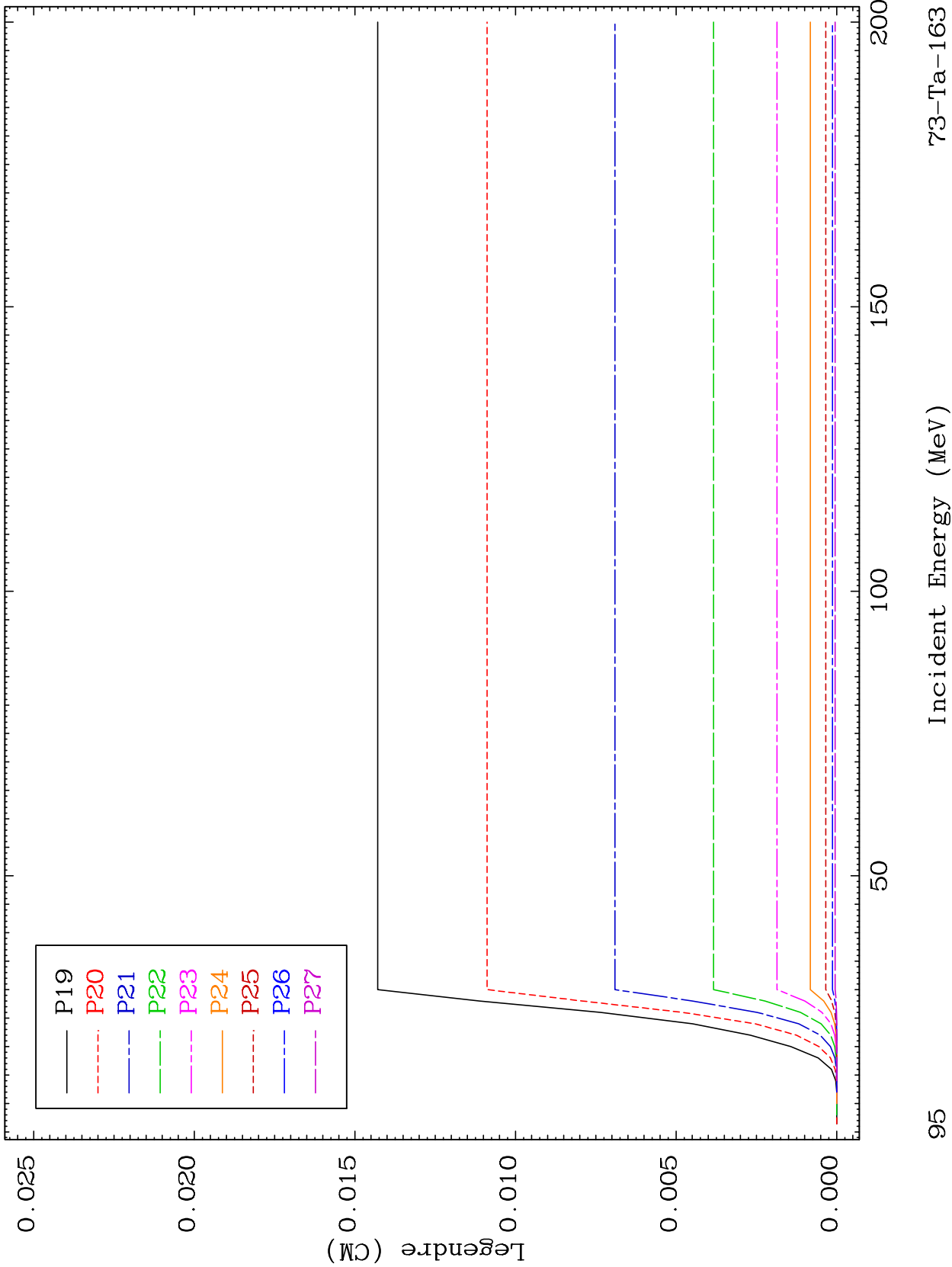
Incident Energy (MeV)

73-Ta-163

MAT 7274

MT= 71 (n,n') Level
Legendre Coefficients

73-Ta-163



95

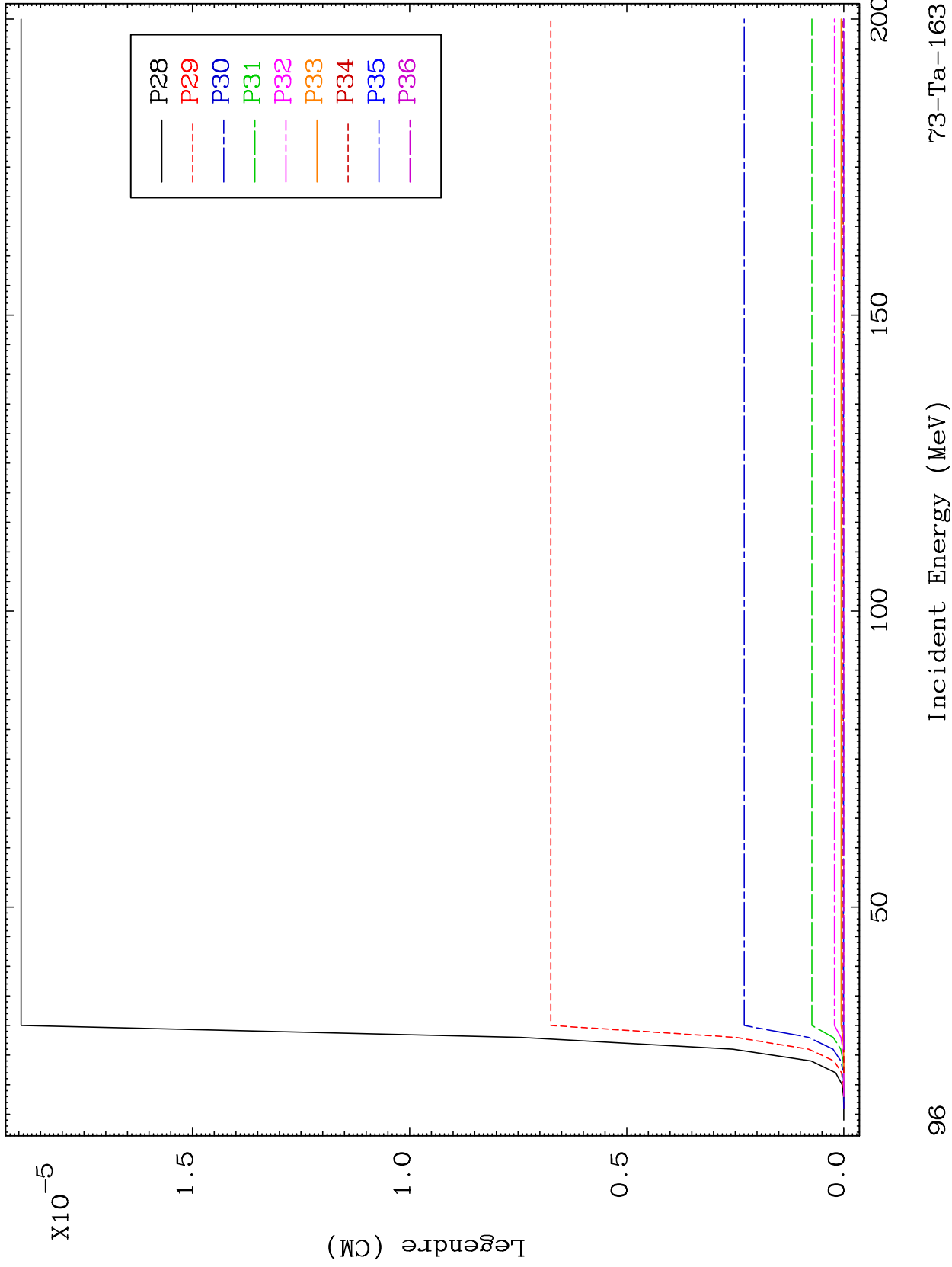
Incident Energy (MeV)

73-Ta-163

MAT 7274

MT= 71 (n,n') Level
Legendre Coefficients

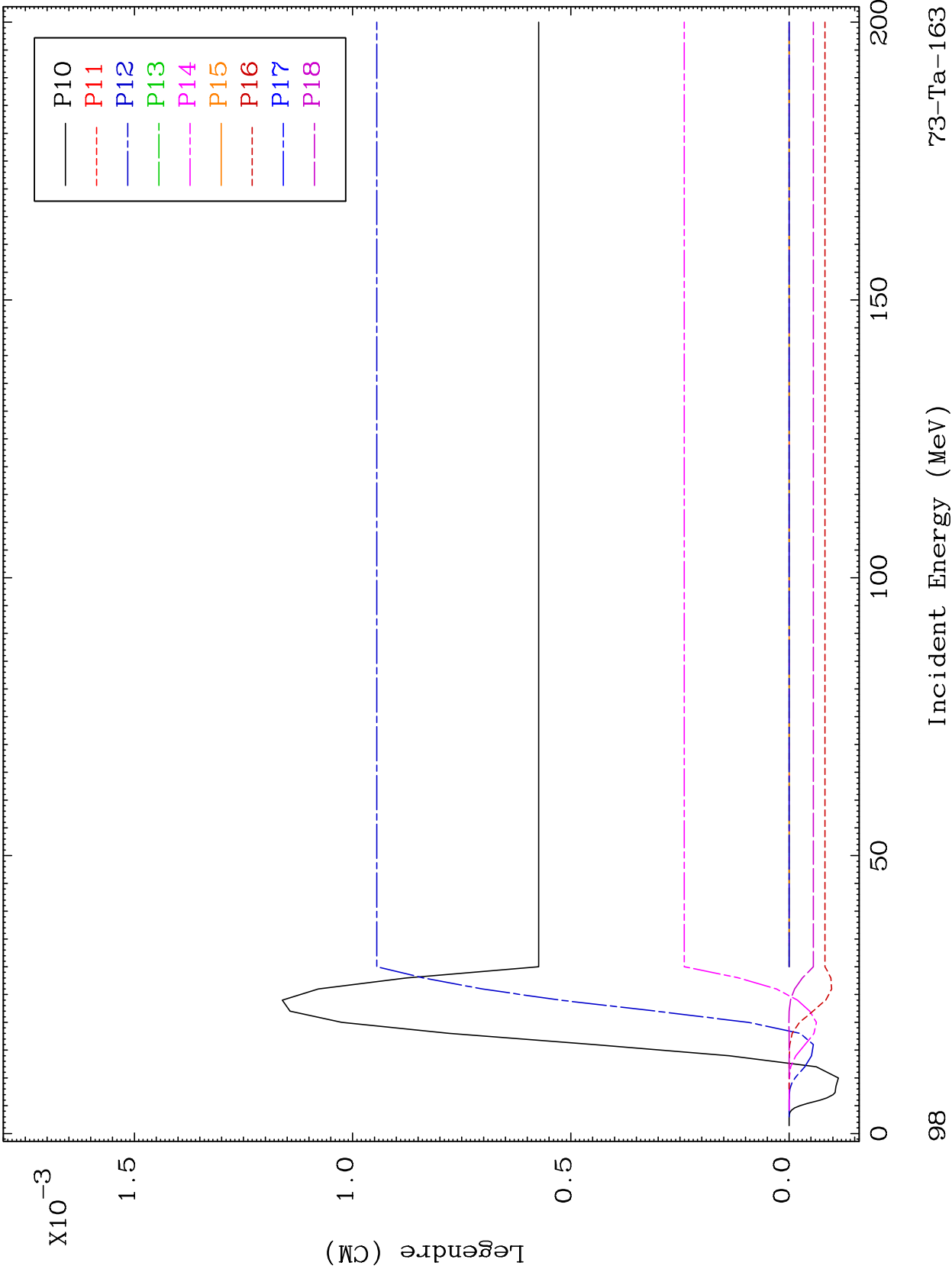
73-Ta-163



MAT 7274

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

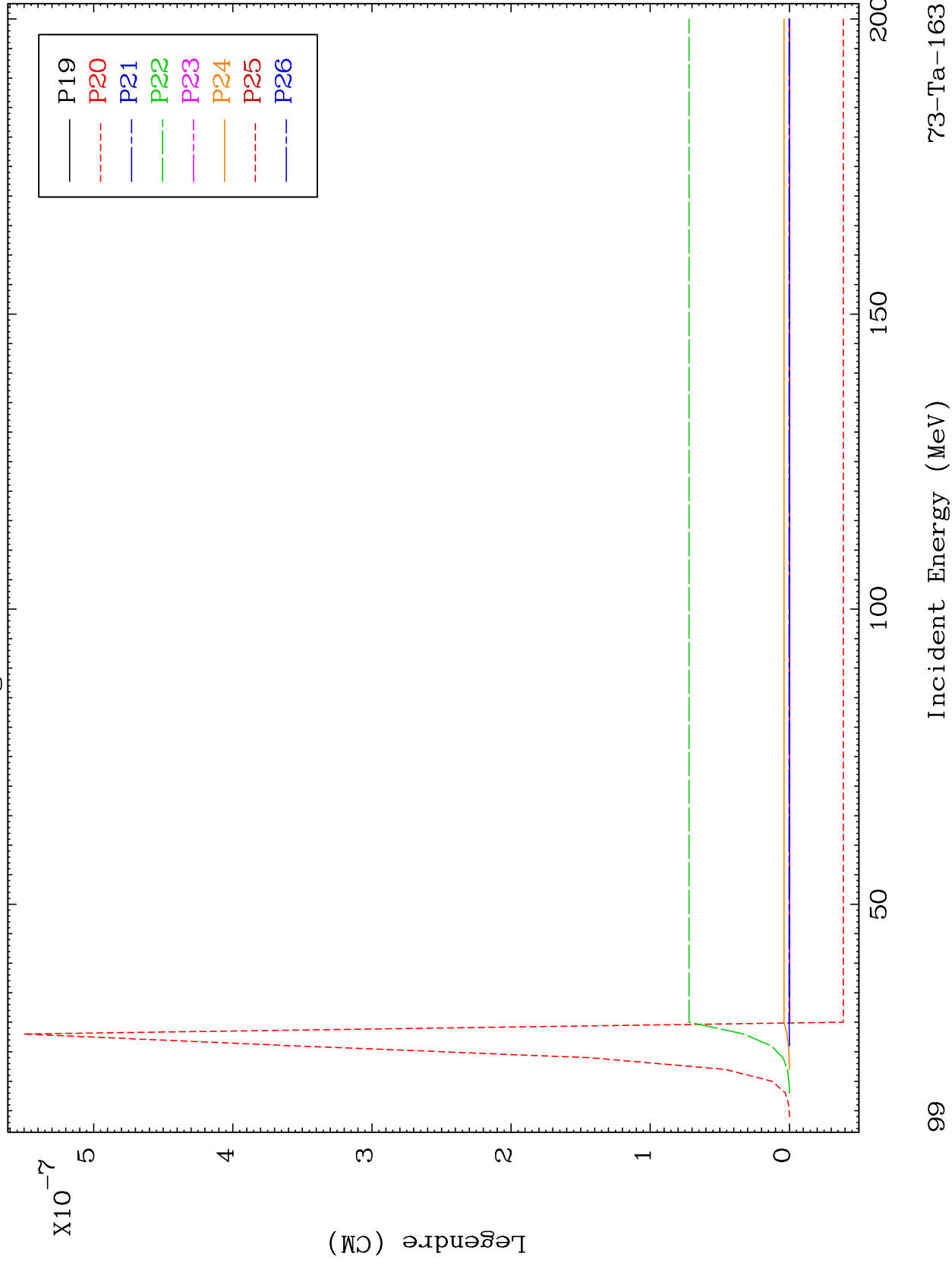
73-Ta-163



MAT 7274

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

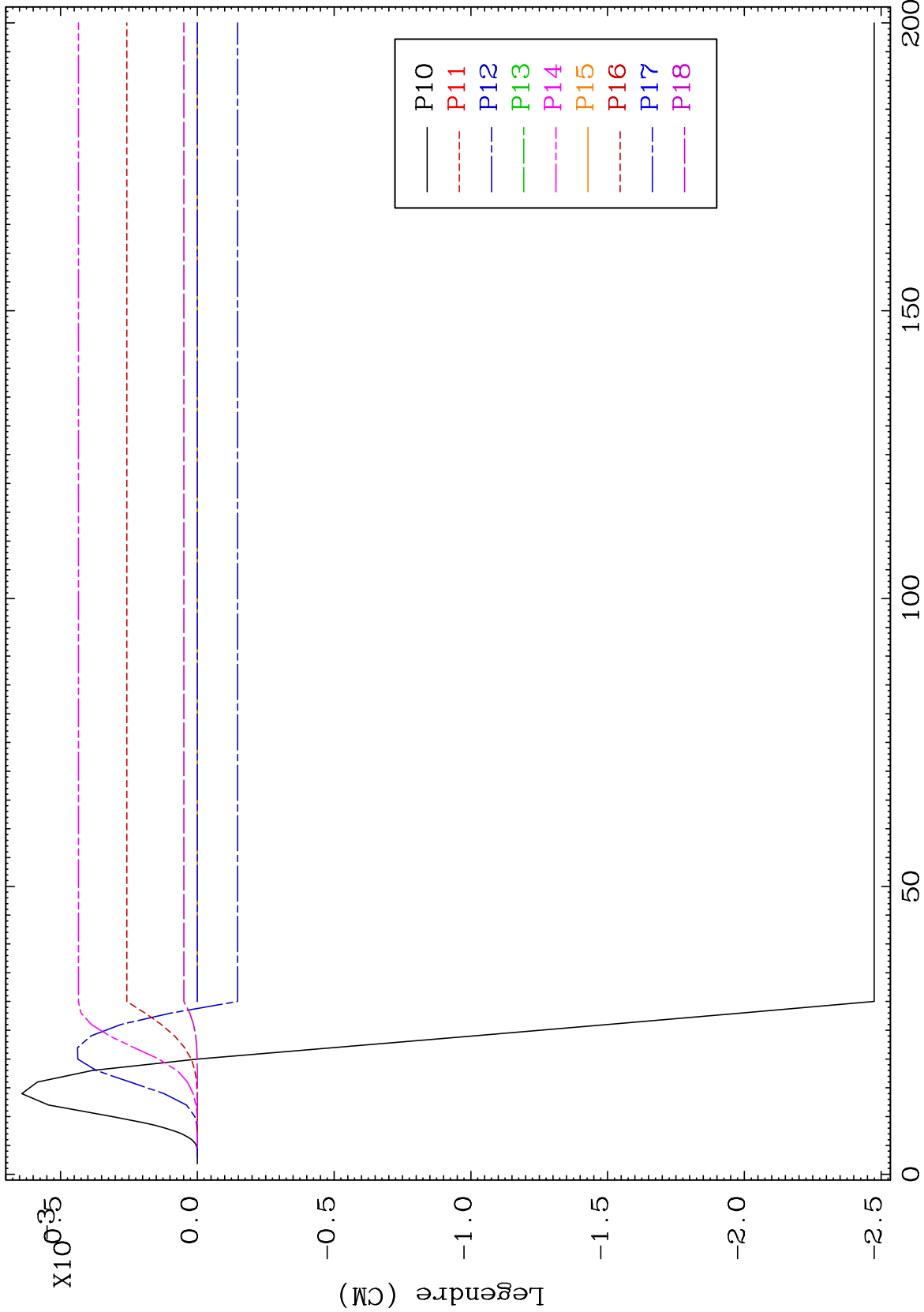
73-Ta-163



MAT 7274

MT= 73 (n,n') Level
Legendre Coefficients

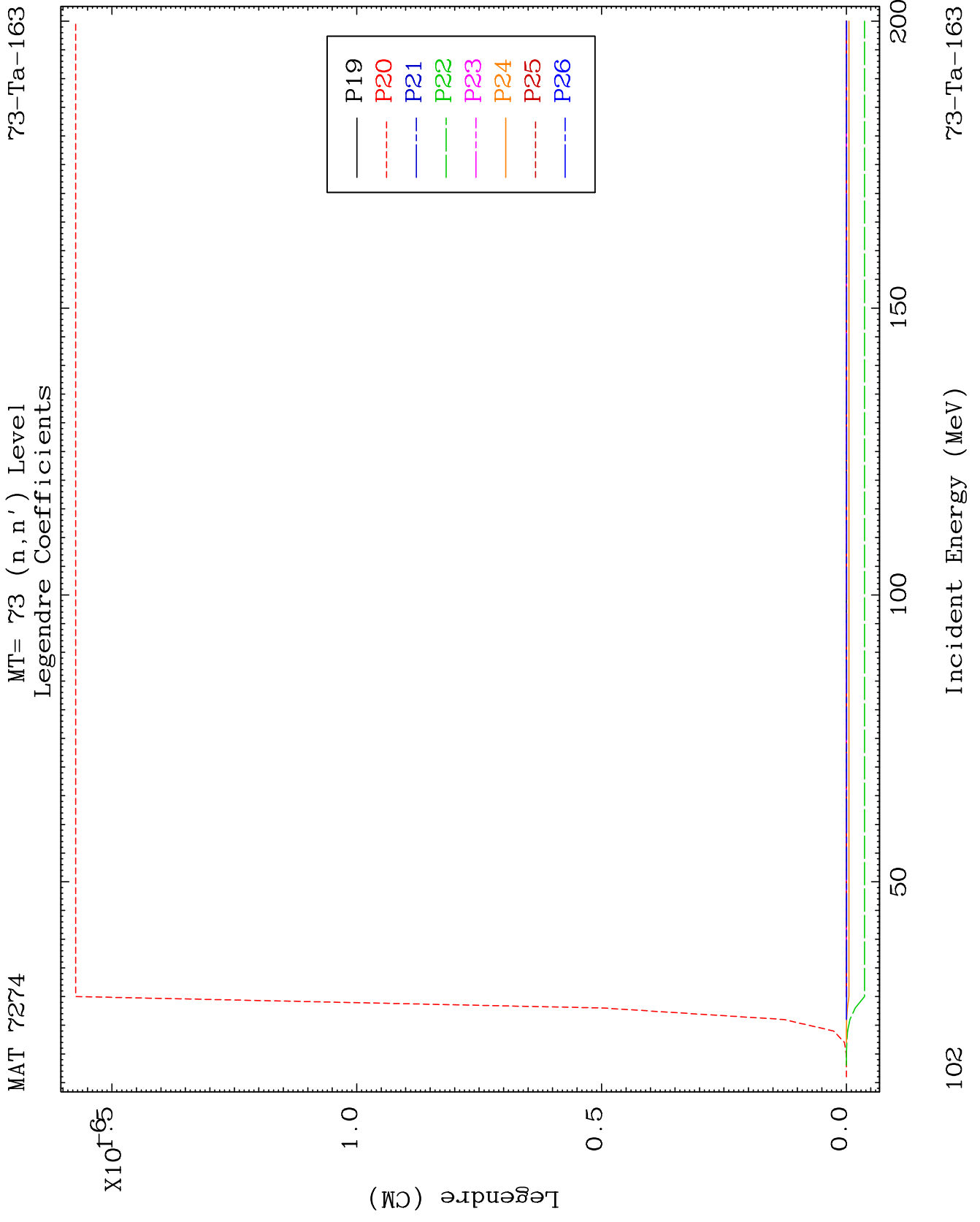
73-Ta-163



101

Incident Energy (MeV)

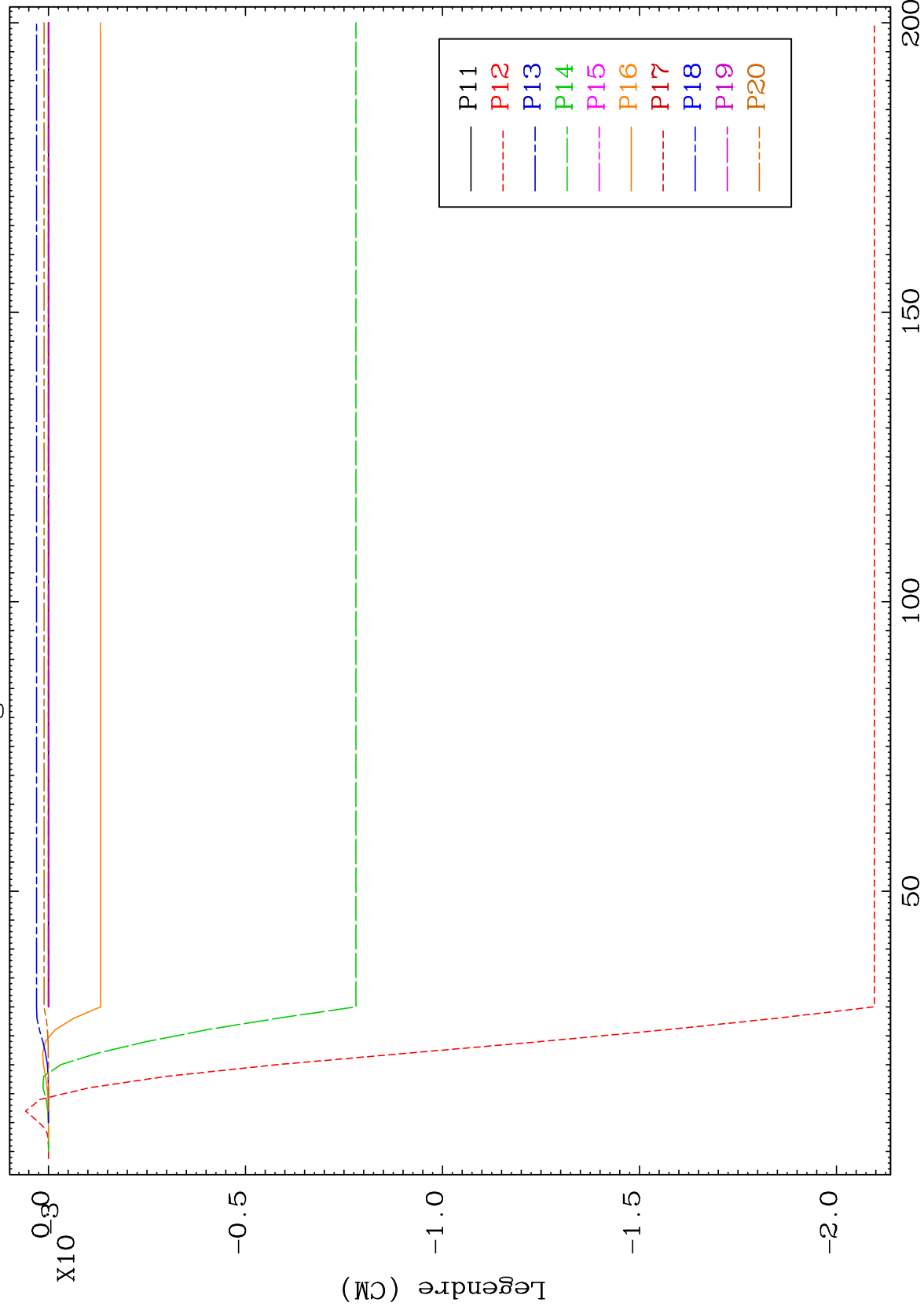
73-Ta-163



MAT 7274

MT= 74 (n,n') Level
Legendre Coefficients

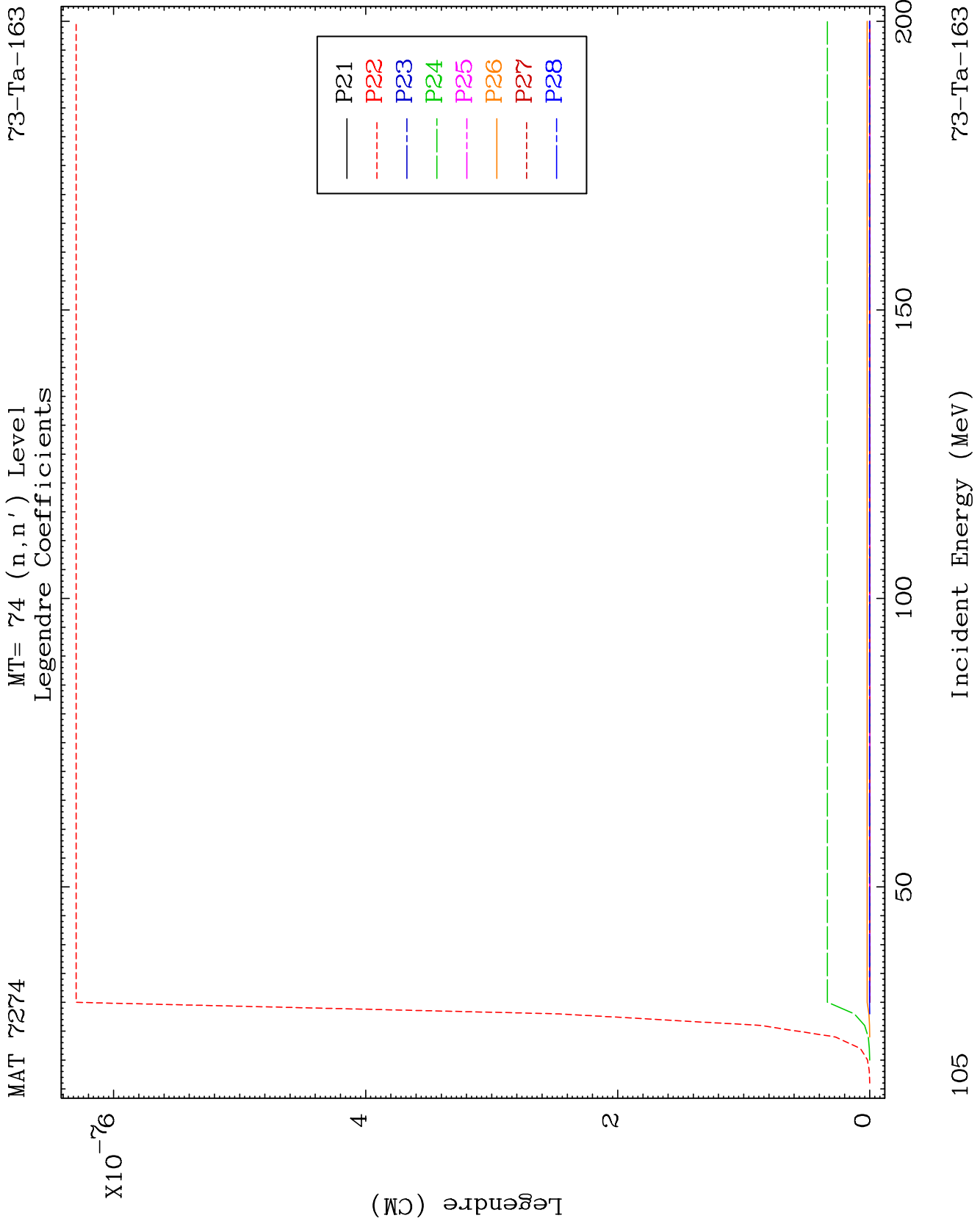
73-Ta-163

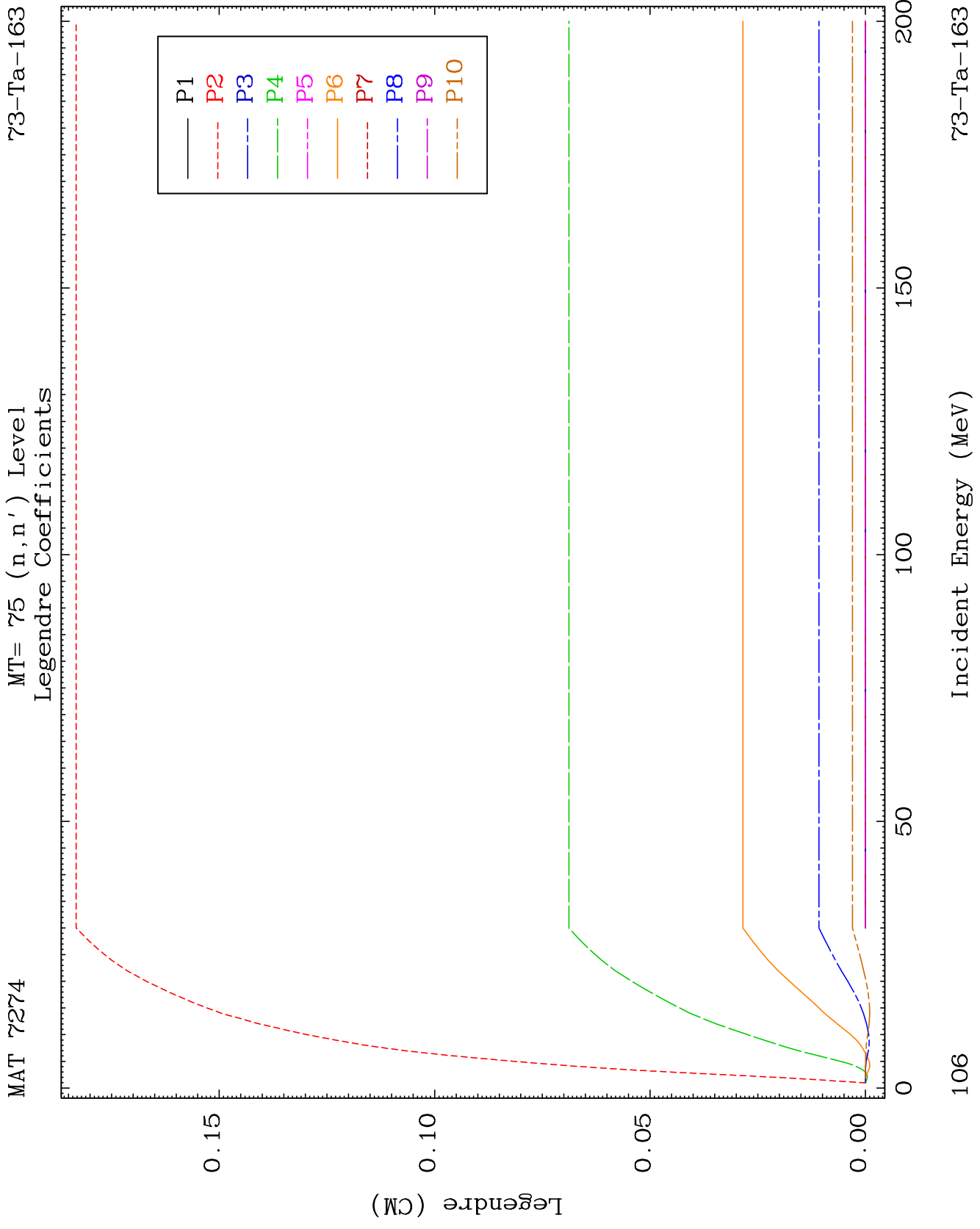


104

Incident Energy (MeV)

73-Ta-163

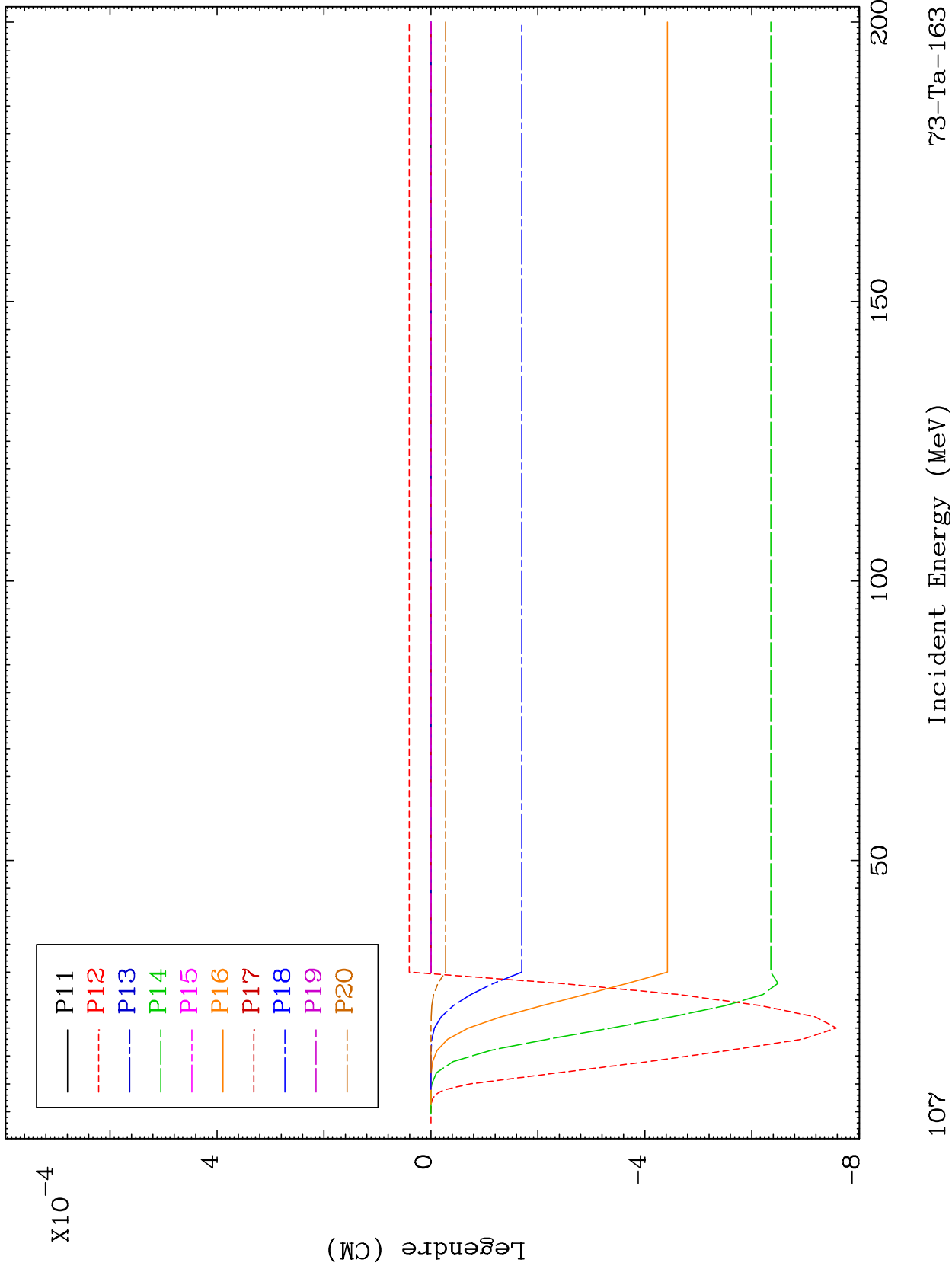




MAT 7274

MT= 75 (n,n') Level
Legendre Coefficients

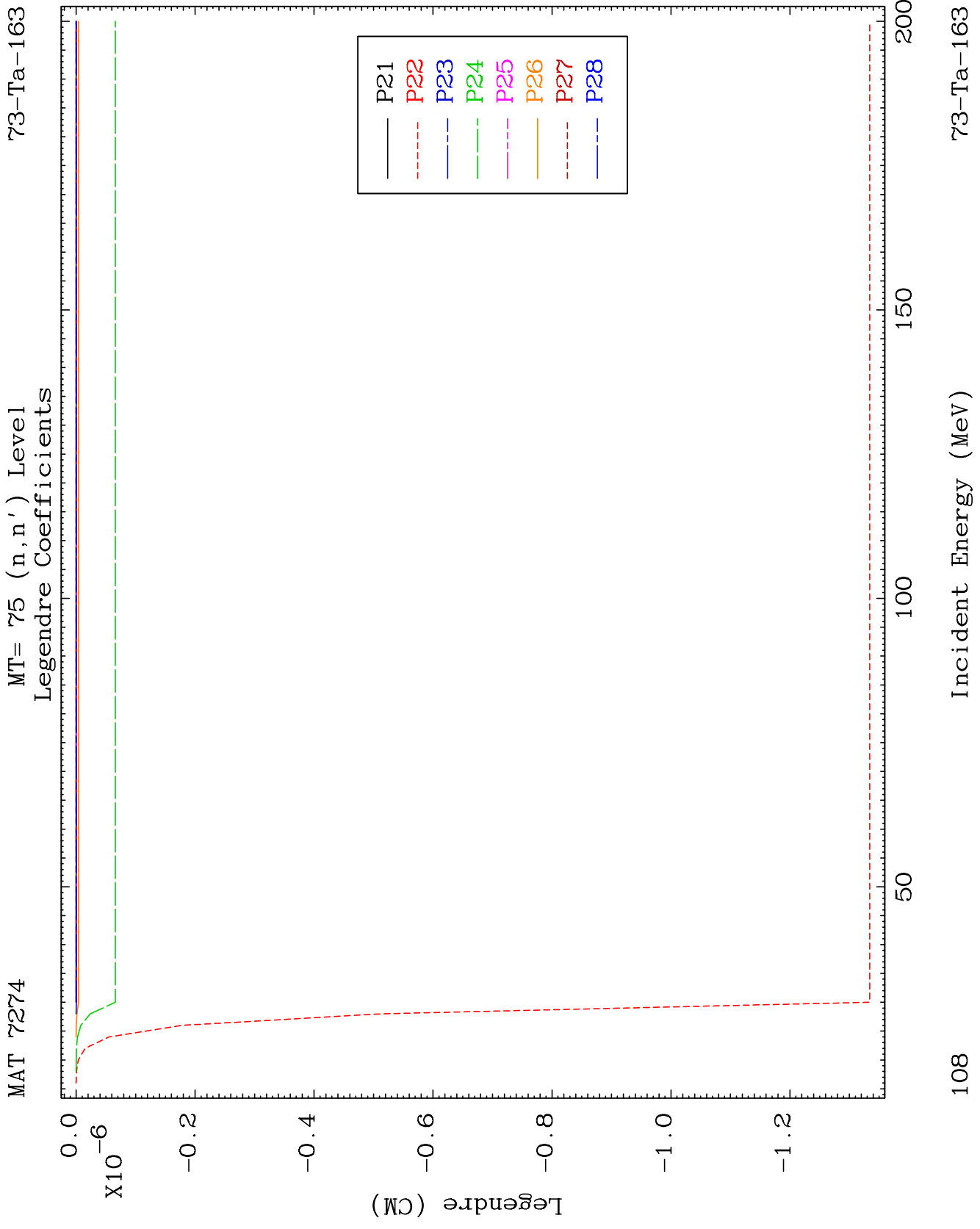
73-Ta-163



107

Incident Energy (MeV)

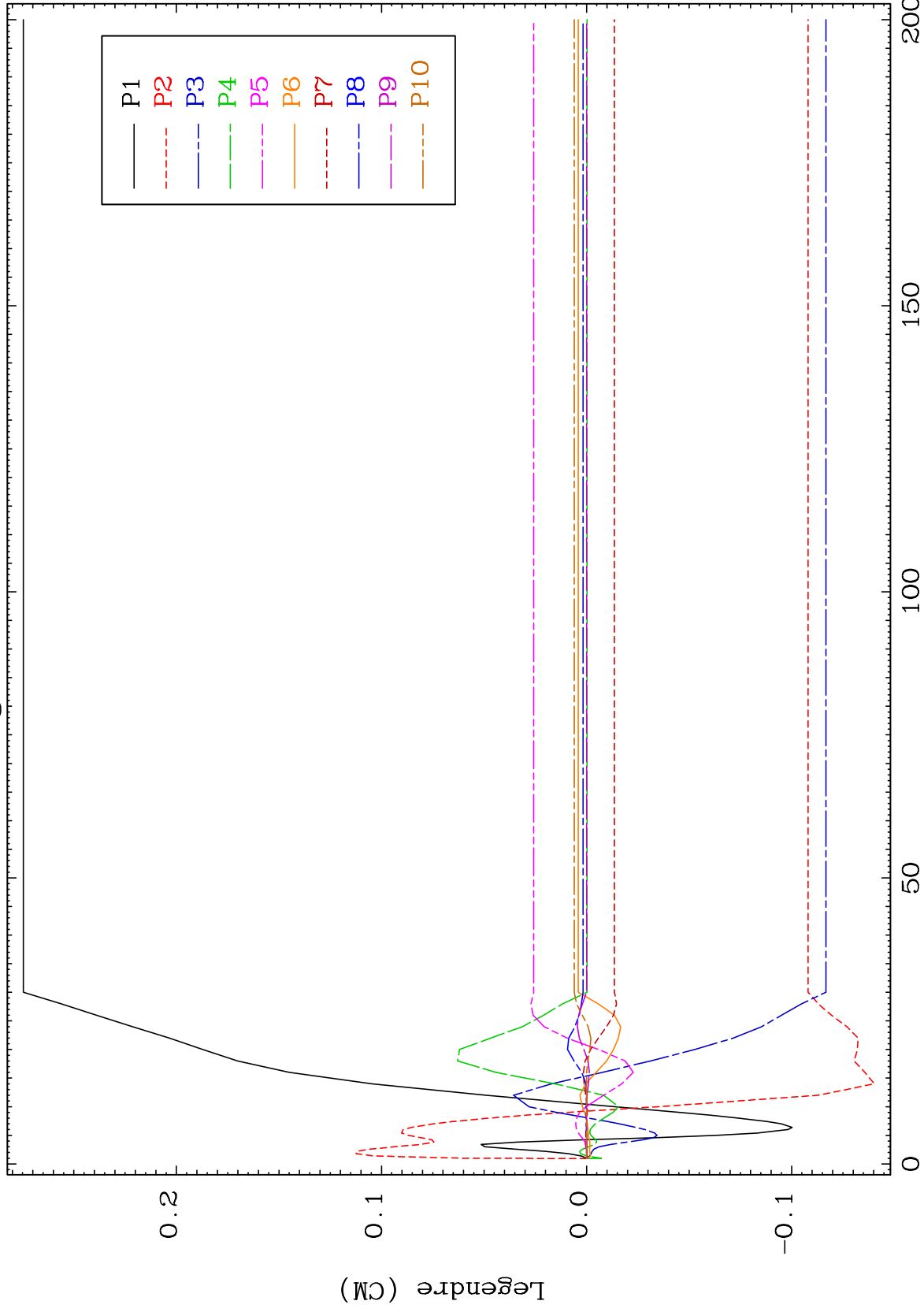
73-Ta-163



MAT 7274

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-163



109

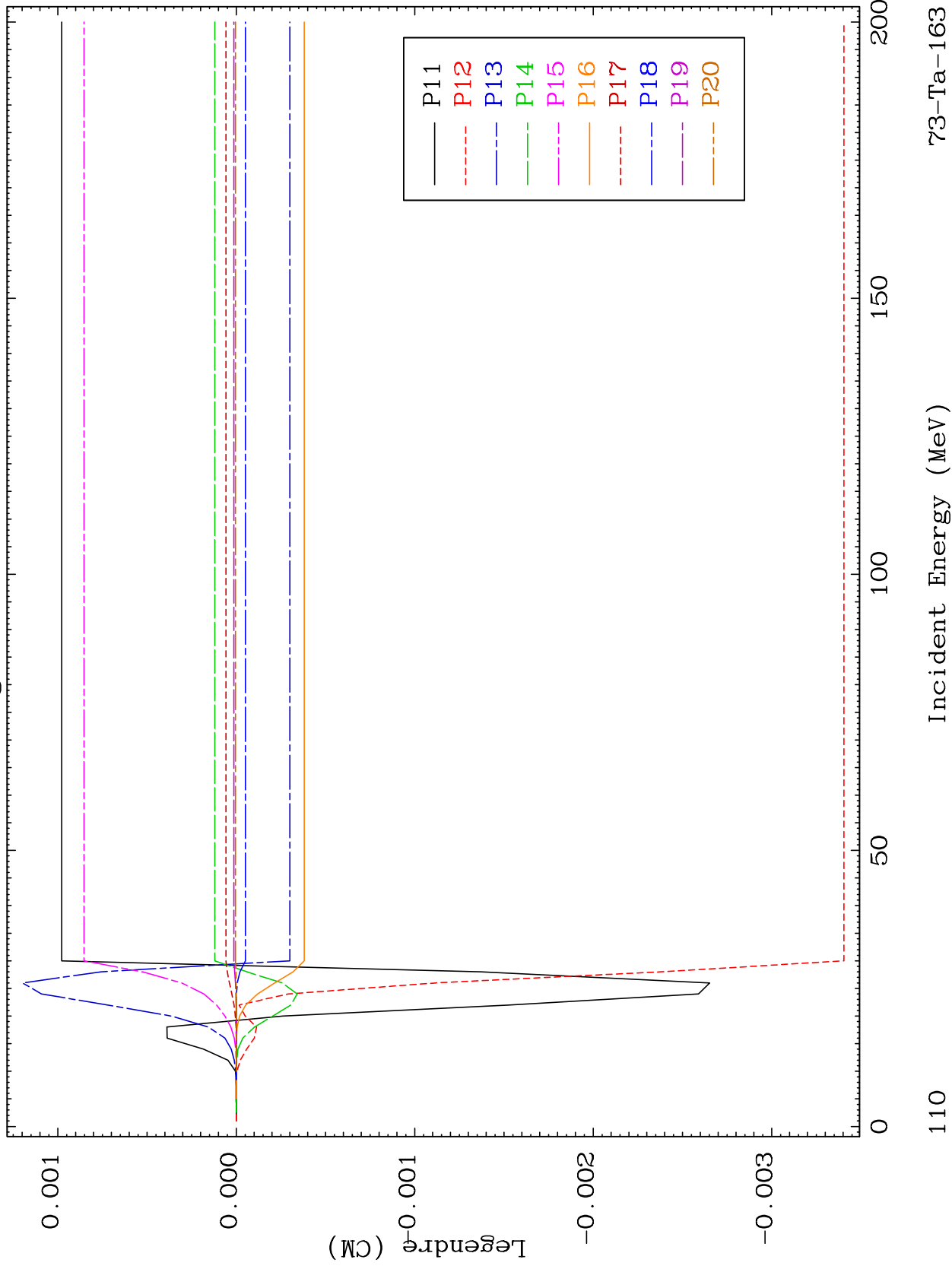
Incident Energy (MeV)

73-Ta-163

MAT 7274

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-163



110

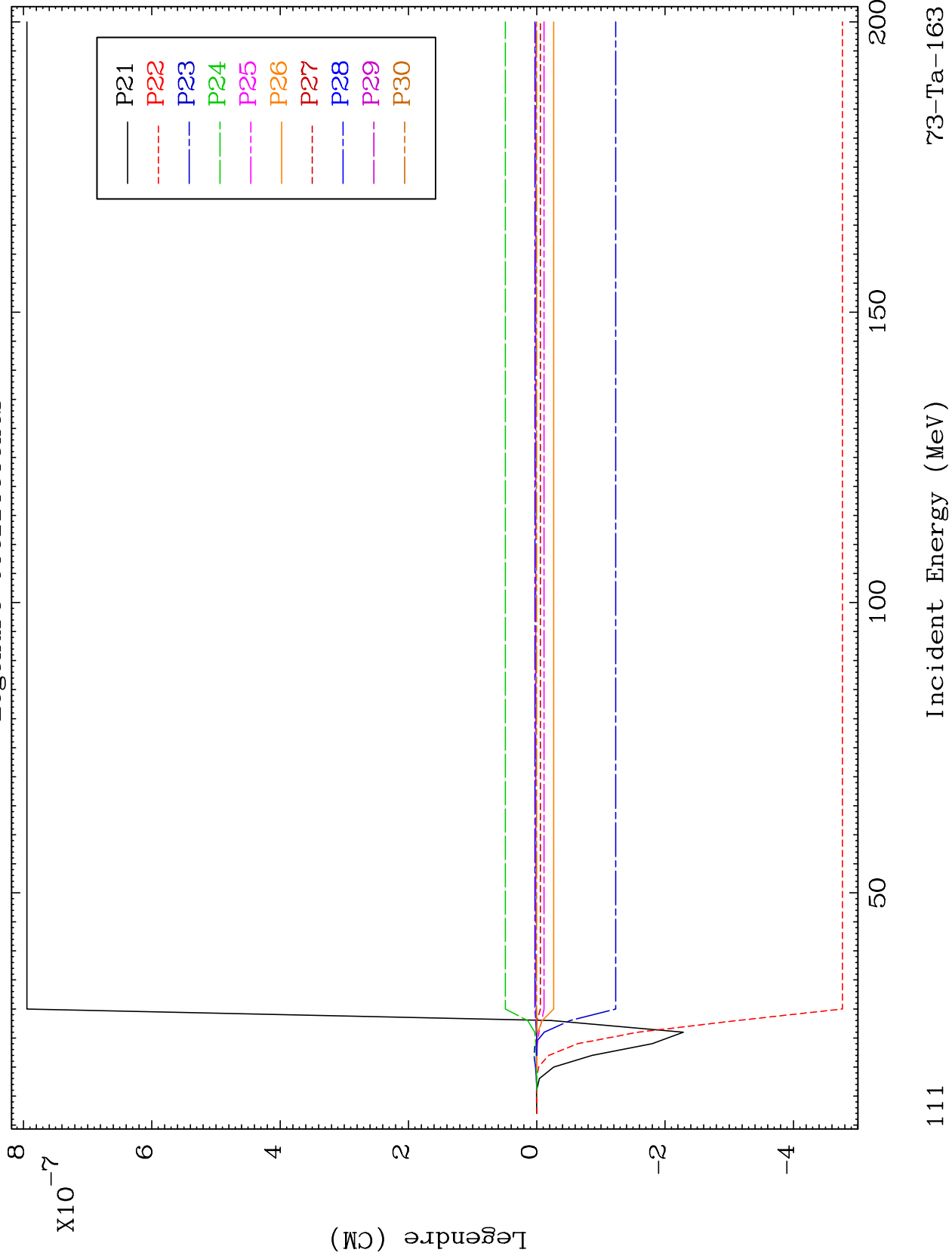
Incident Energy (MeV)

73-Ta-163

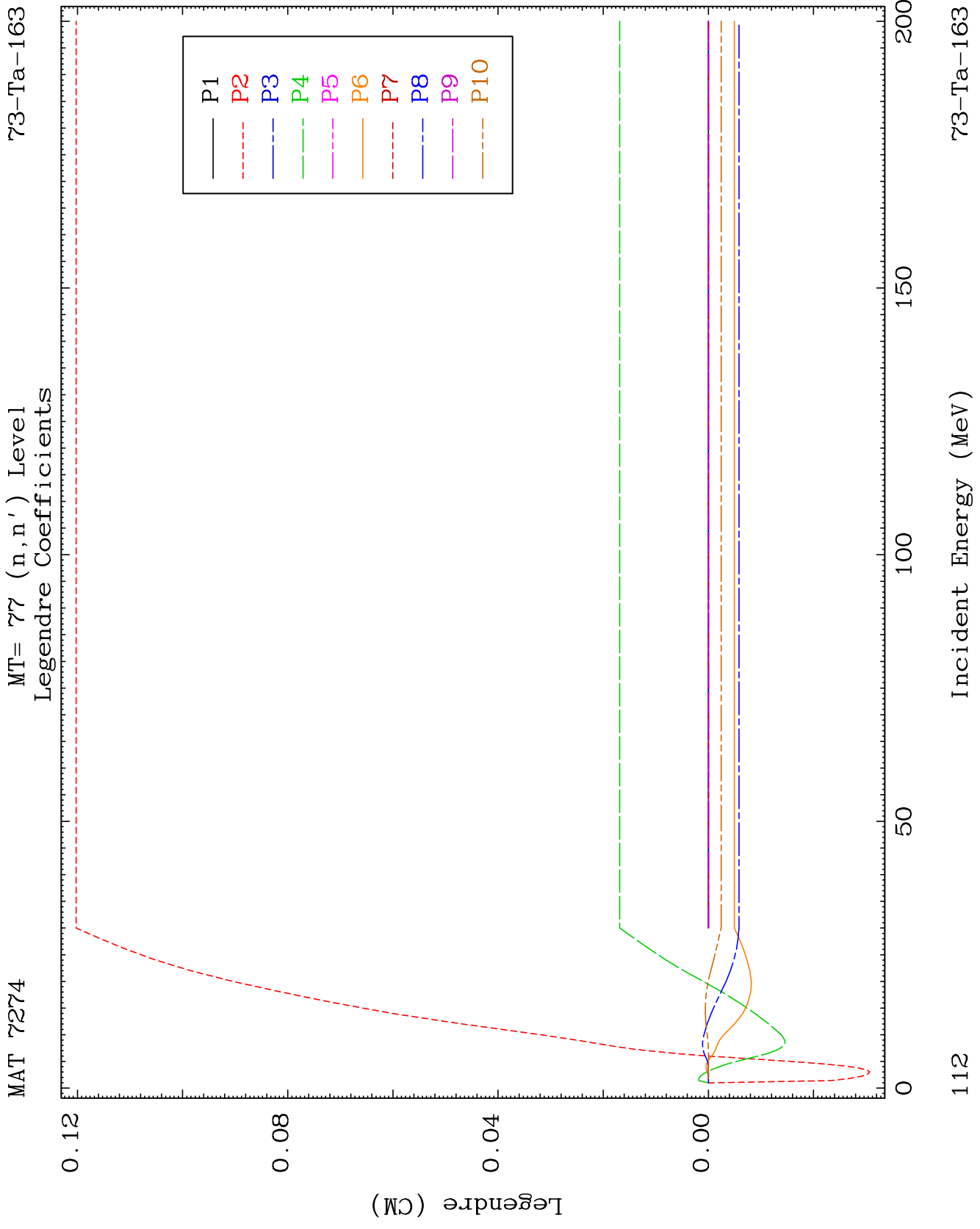
MAT 7274

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-163



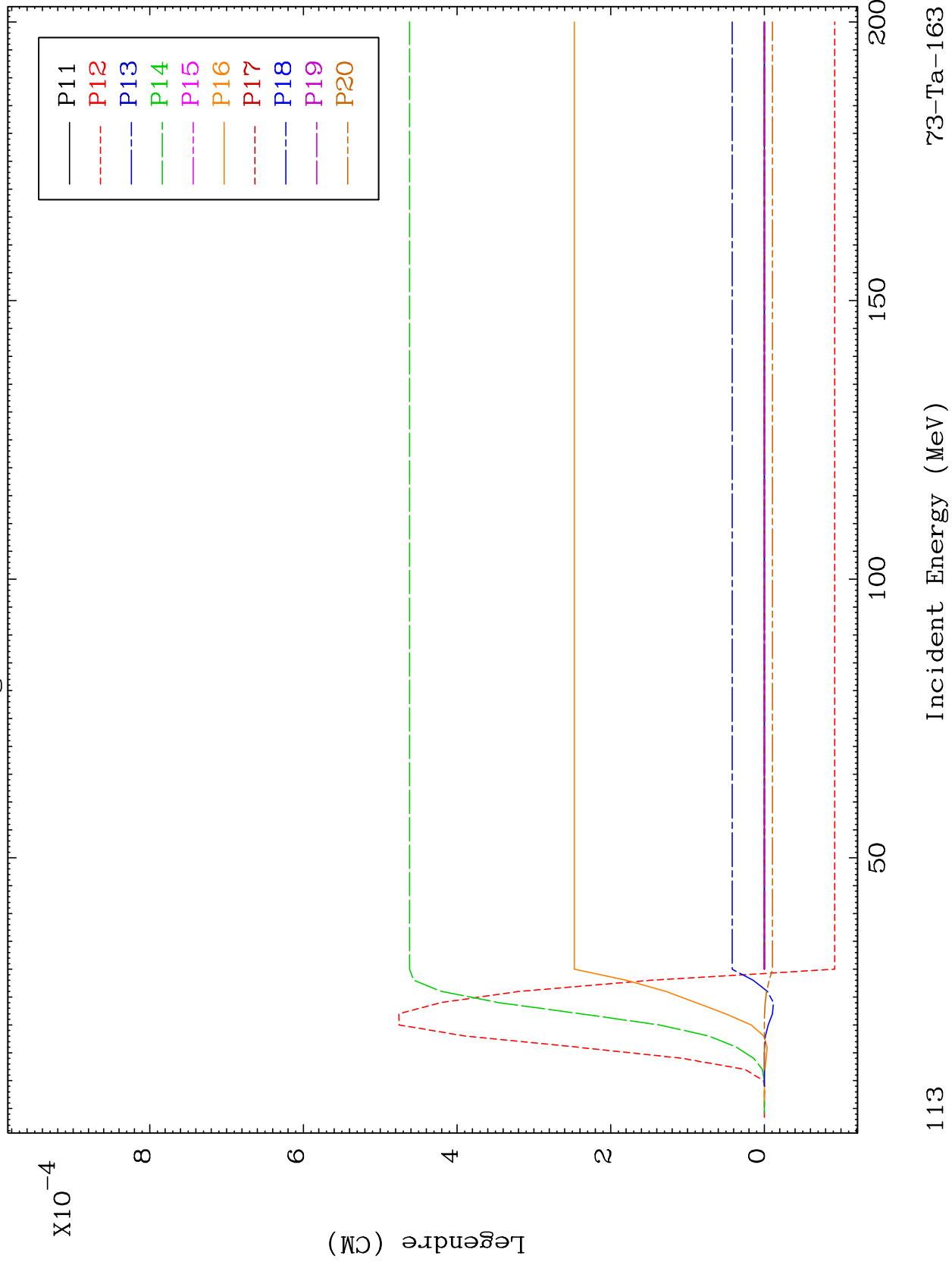
111



MAT 7274

MT= 77 (n,n') Level
Legendre Coefficients

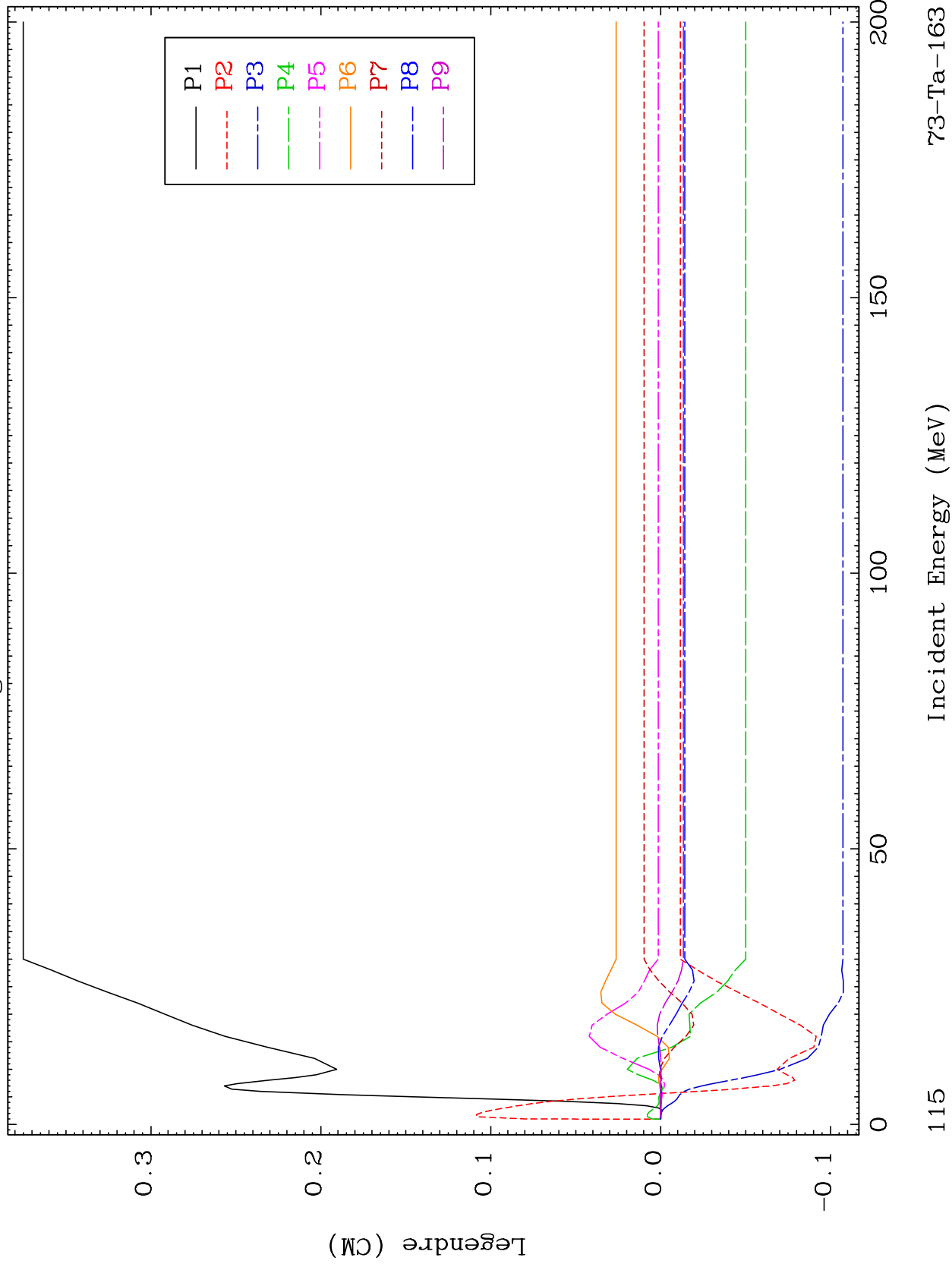
73-Ta-163

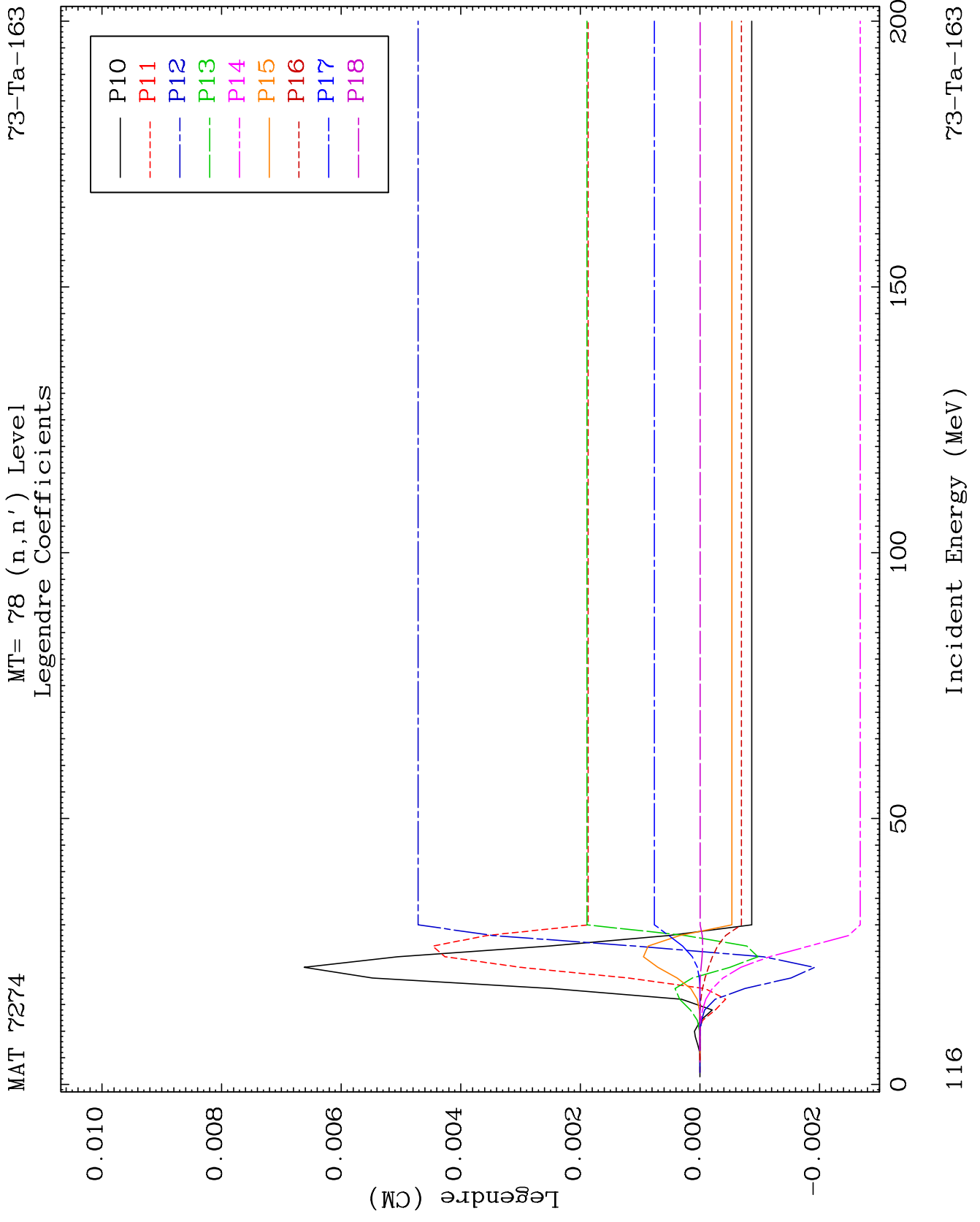


MAT 7274

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-163

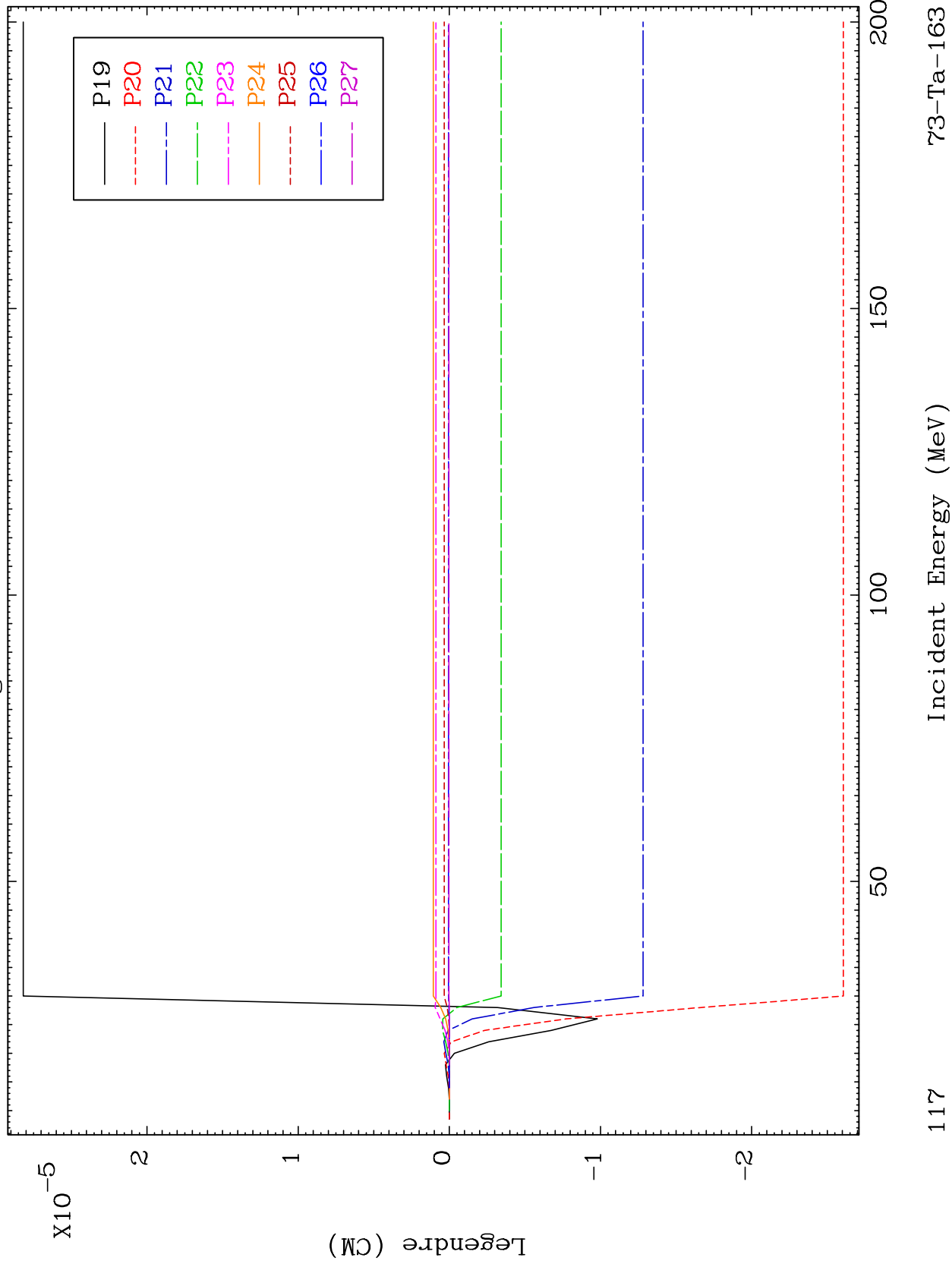




MAT 7274

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-163



117

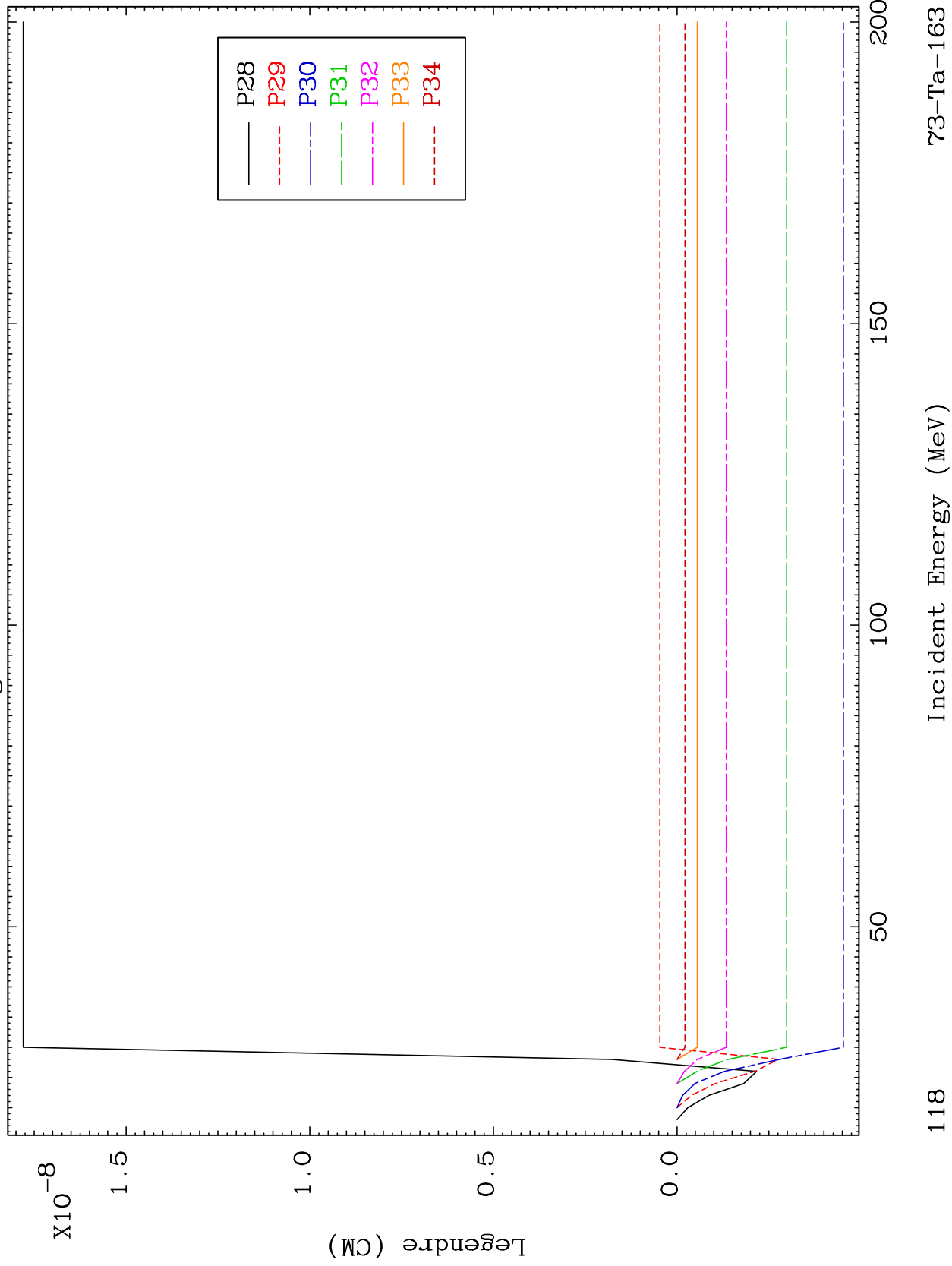
Incident Energy (MeV)

73-Ta-163

MAT 7274

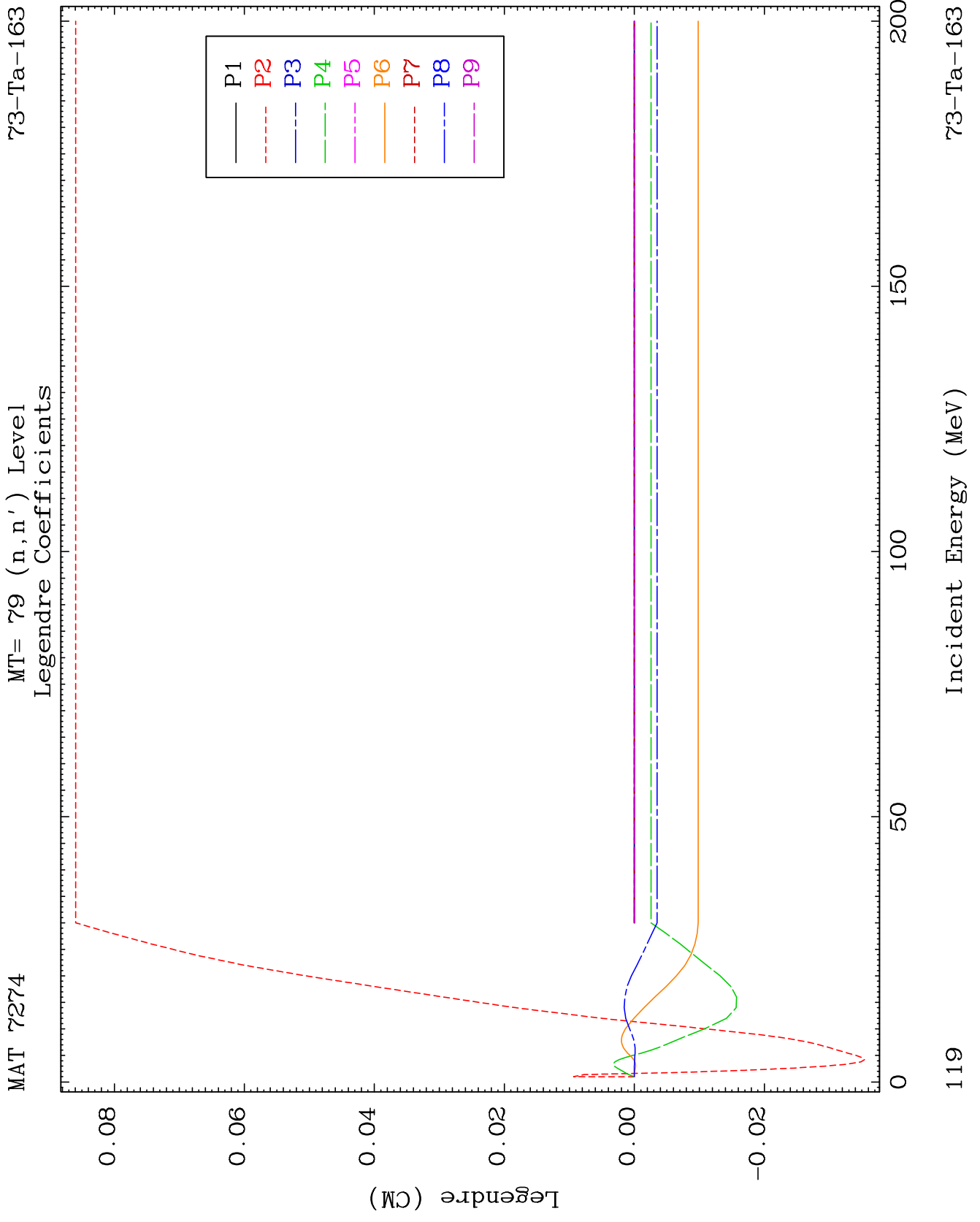
MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-163



118

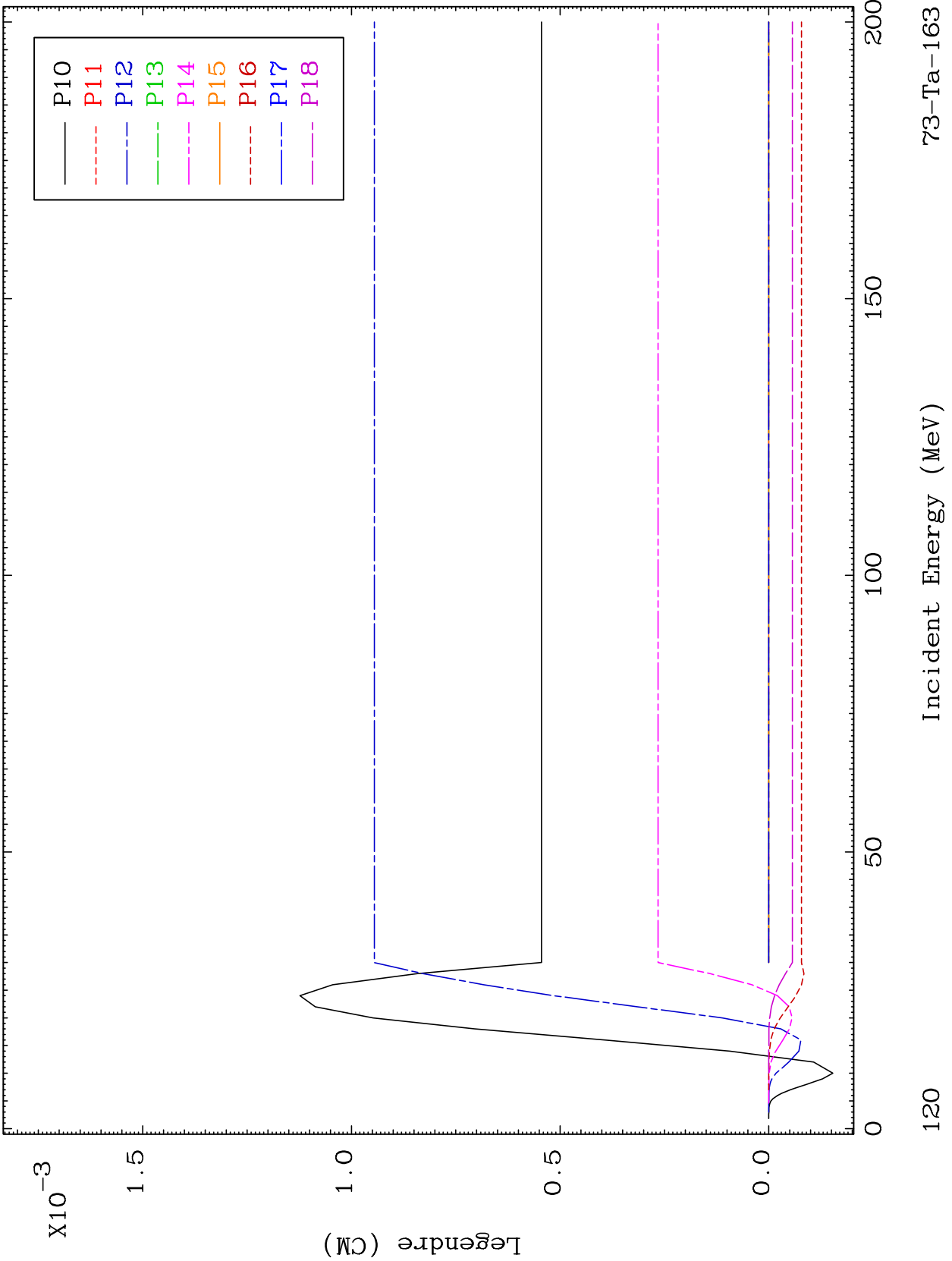
73-Ta-163

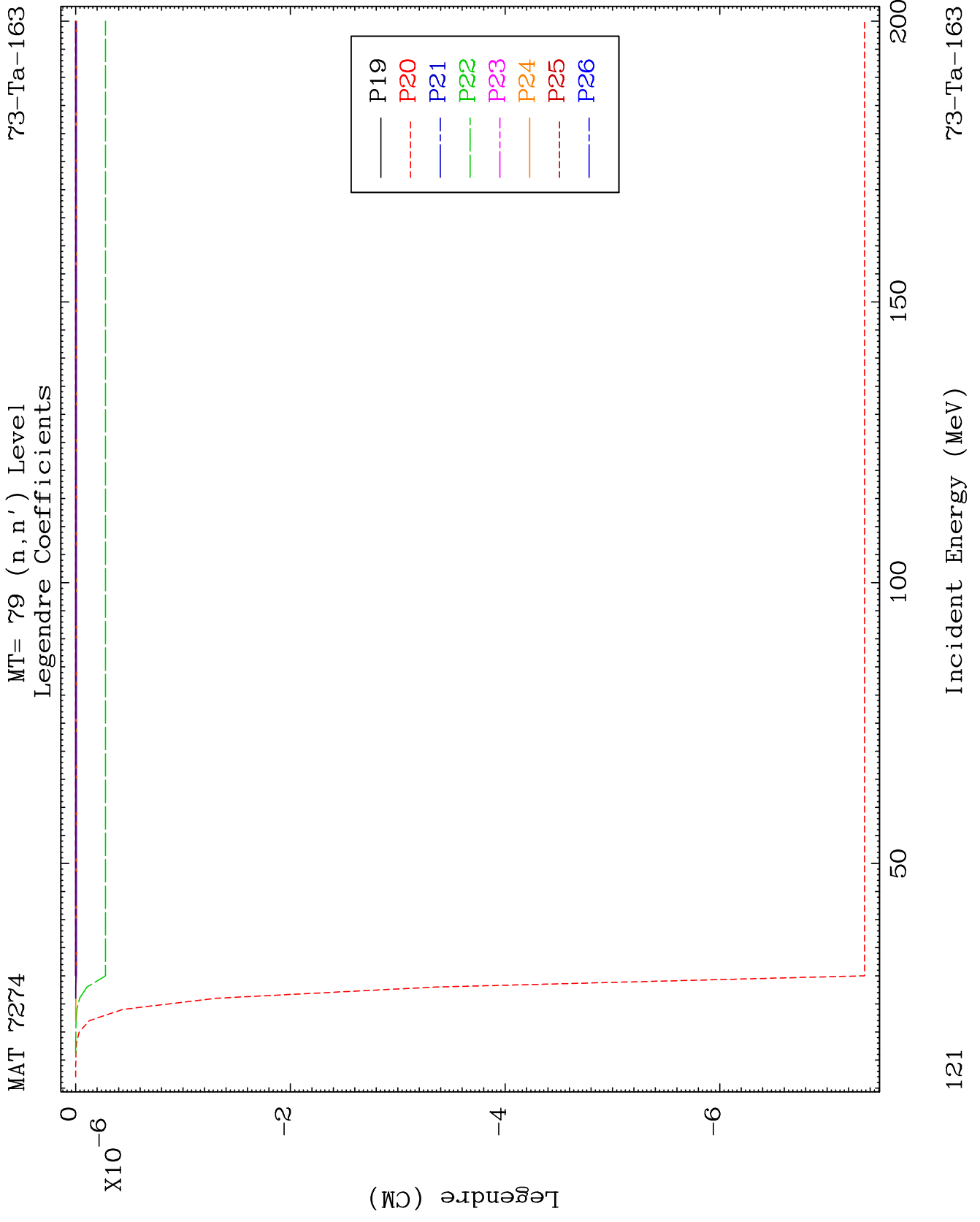


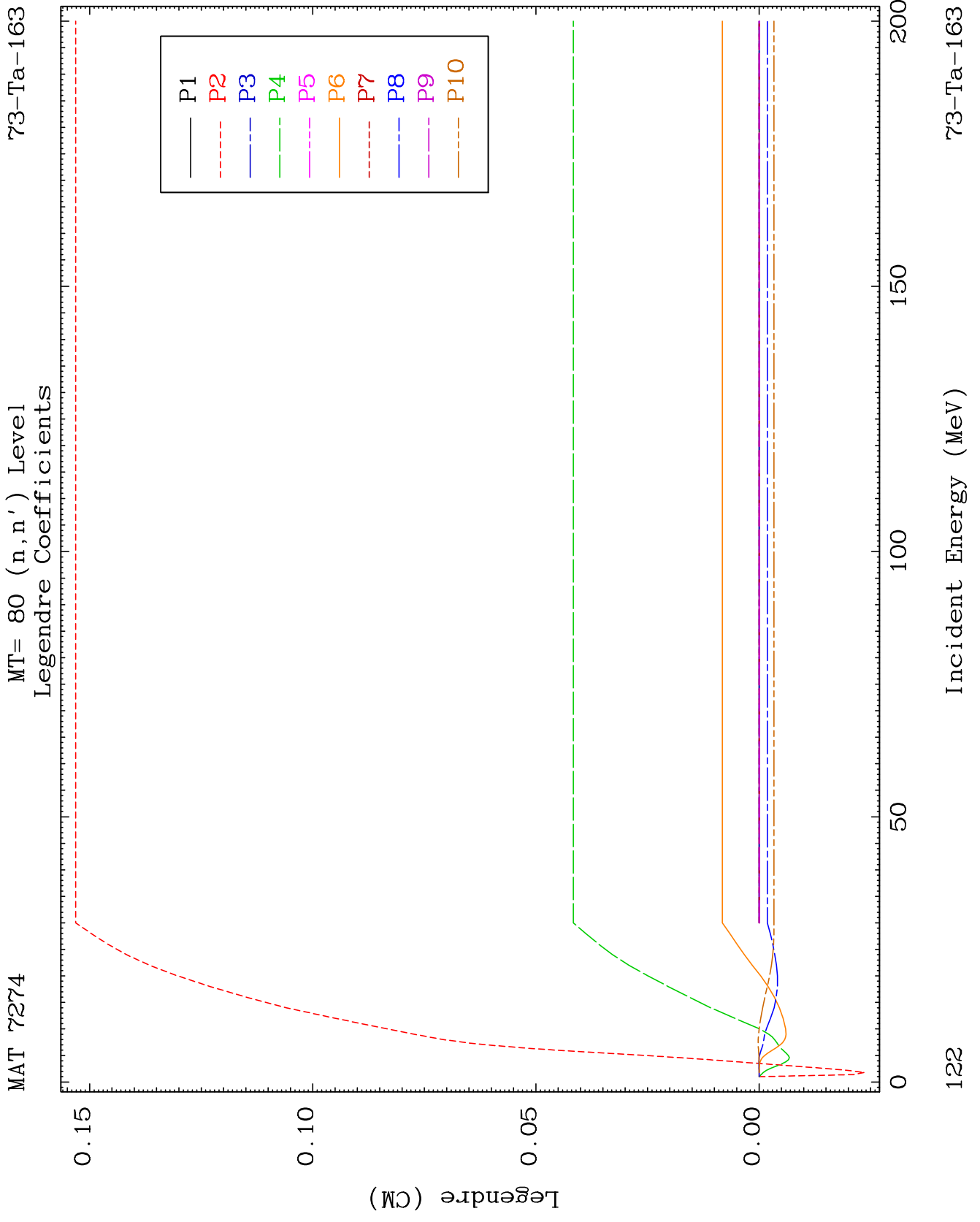
MAT 7274

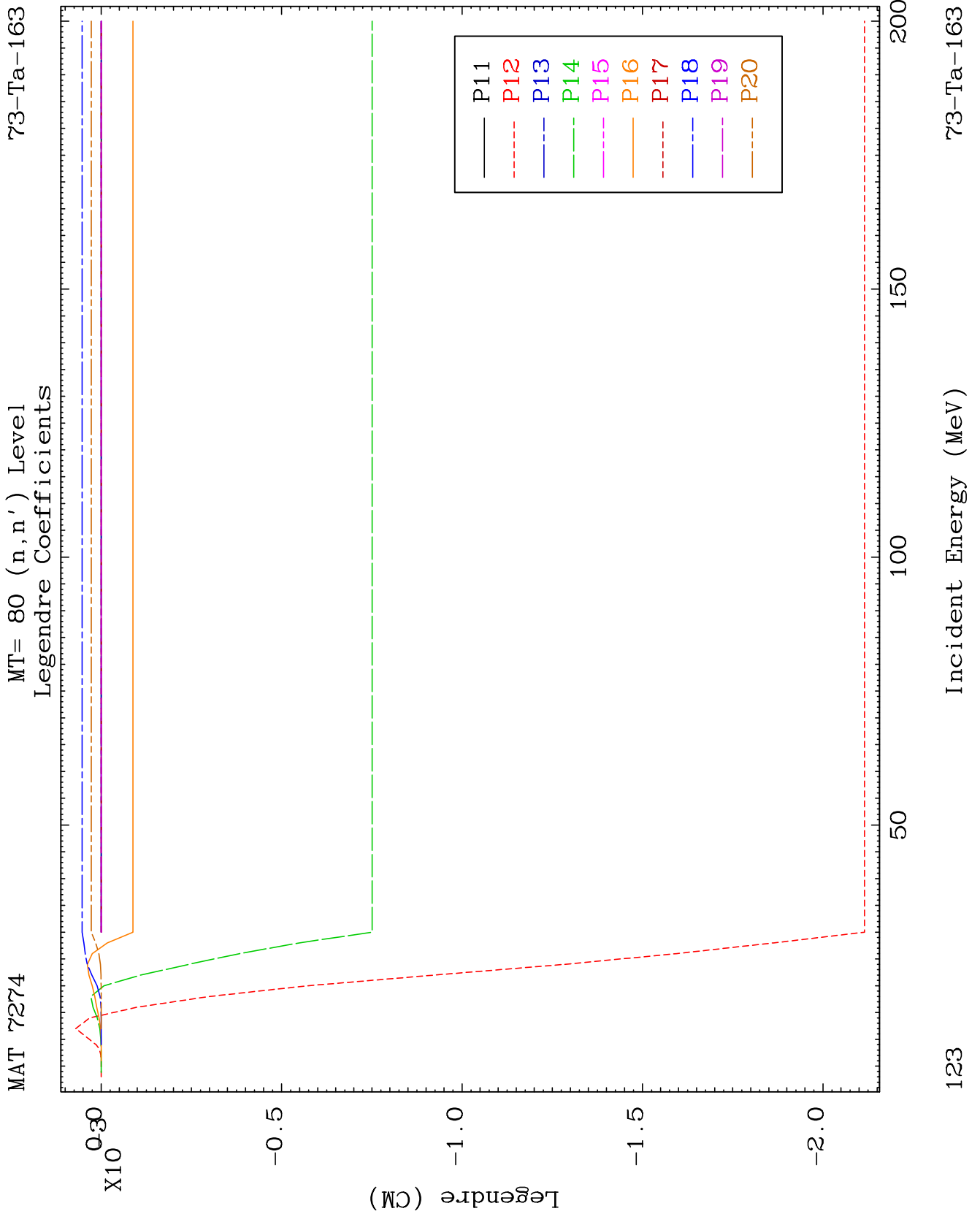
MT= 79 (n,n') Level
Legendre Coefficients

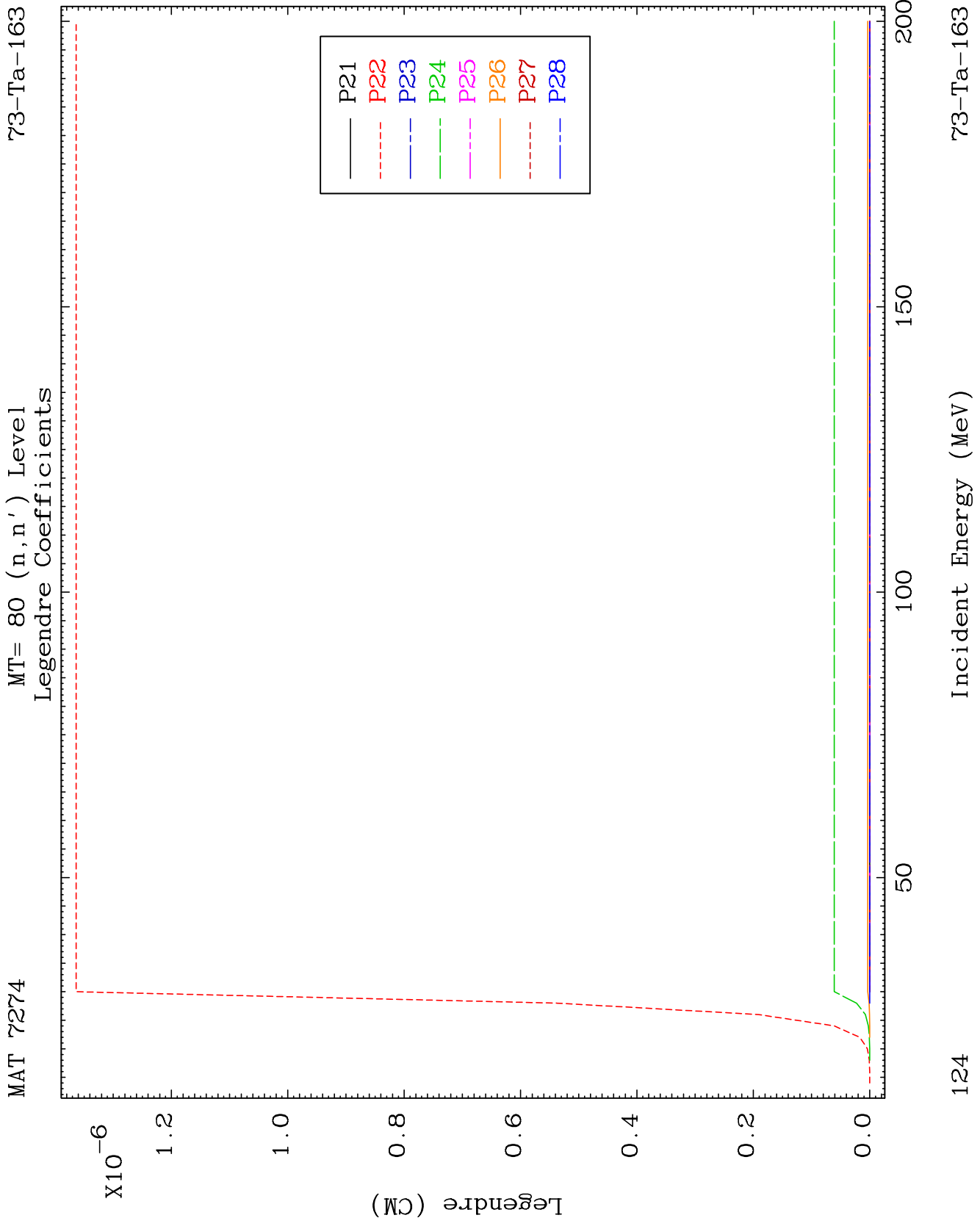
73-Ta-163









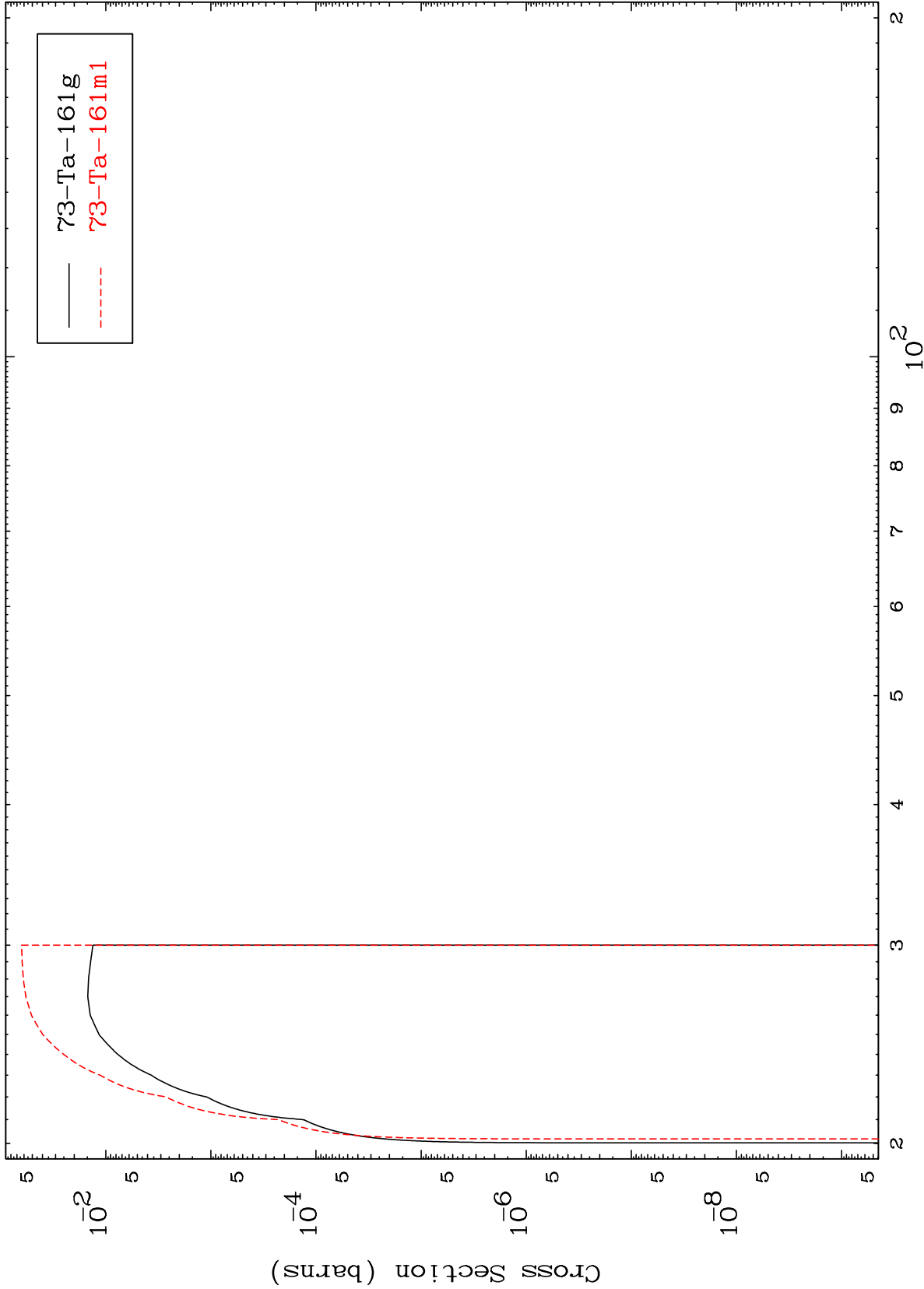


MAT 7274

(n,3n)

⁷³Ta-163

Radionuclide Production Cross Section



125

Incident Energy (MeV)

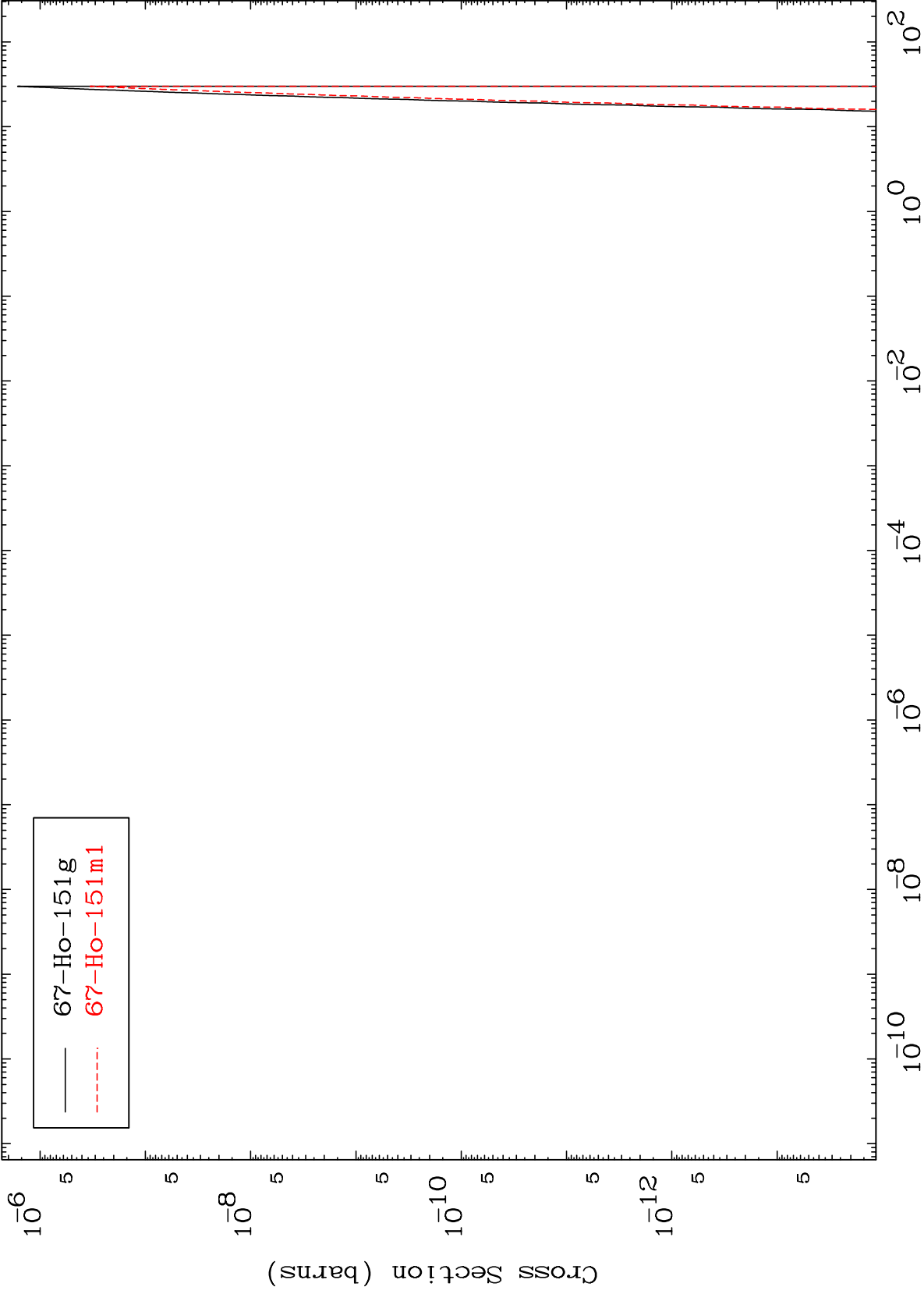
⁷³Ta-163

MAT 7274

(n,n') 3 α

⁷³Ta-163

Radionuclide Production Cross Section

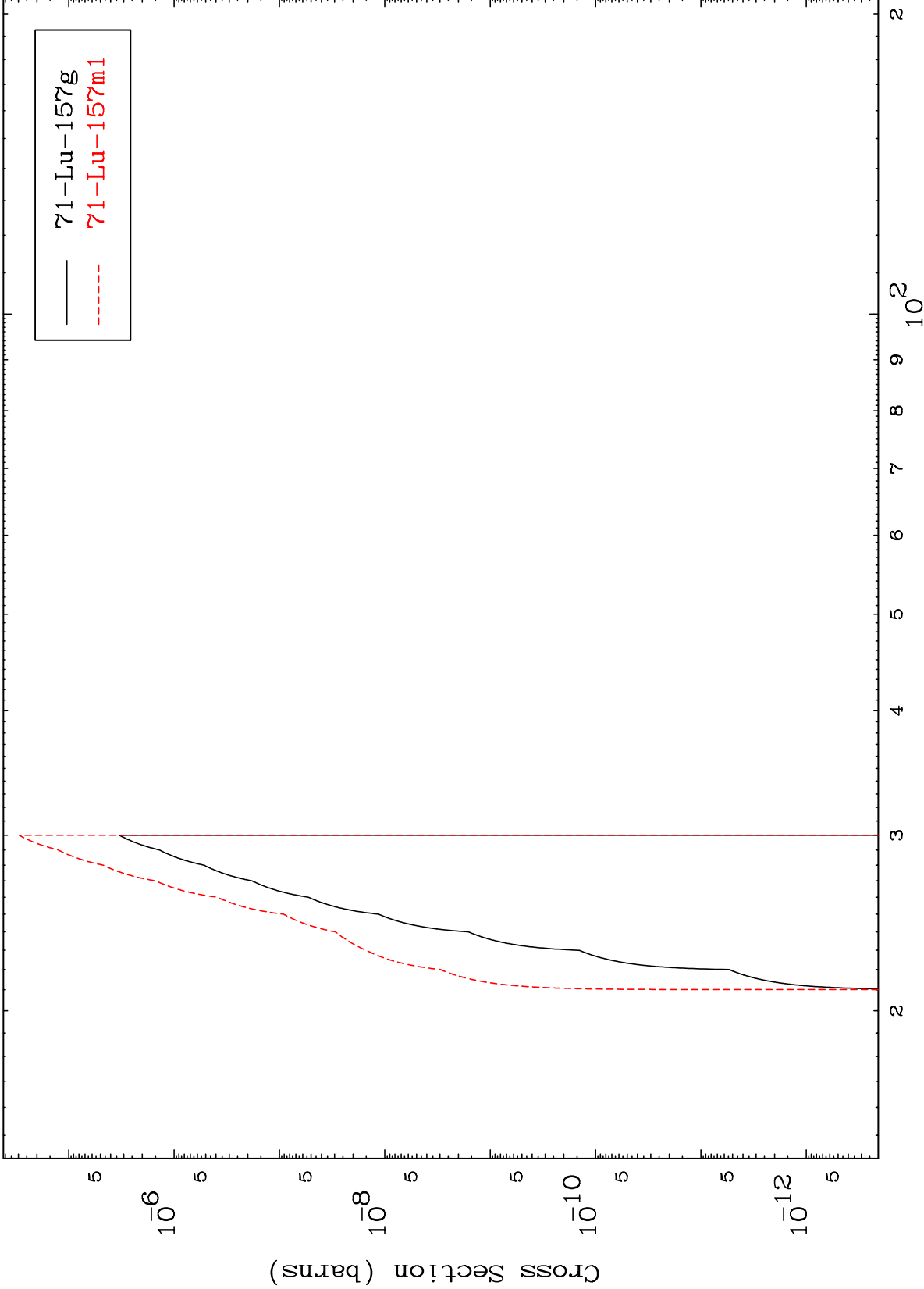


126

Incident Energy (MeV)

⁷³Ta-163

Radionuclide Production Cross Section



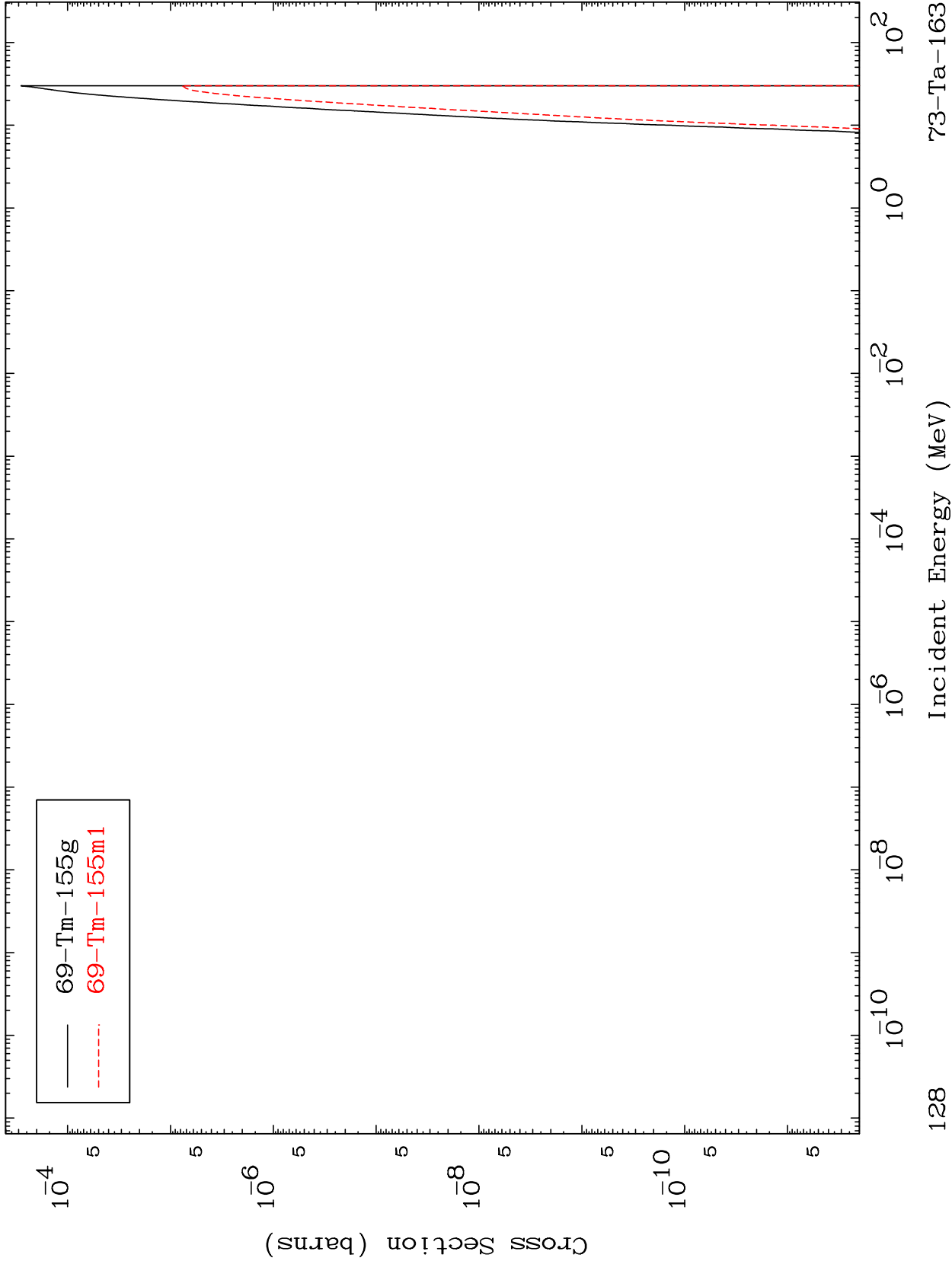
71-Lu-157g
71-Lu-157m1

MAT 7274

(n,n') 2α

73-Ta-163

Radionuclide Production Cross Section

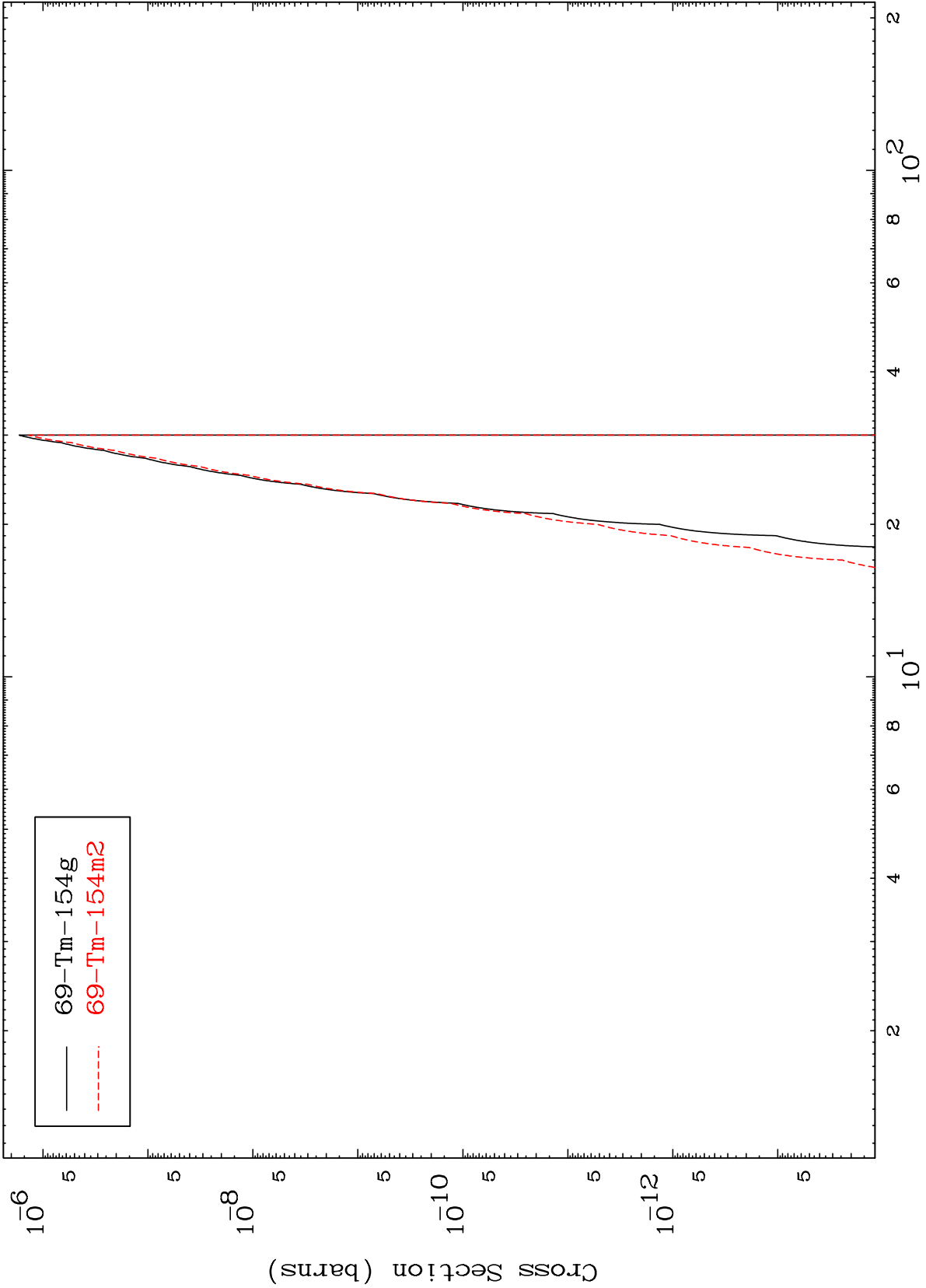


MAT 7274

$(n,2n) 2\alpha$

$^{73}\text{Ta-163}$

Radionuclide Production Cross Section



129

Incident Energy (MeV)

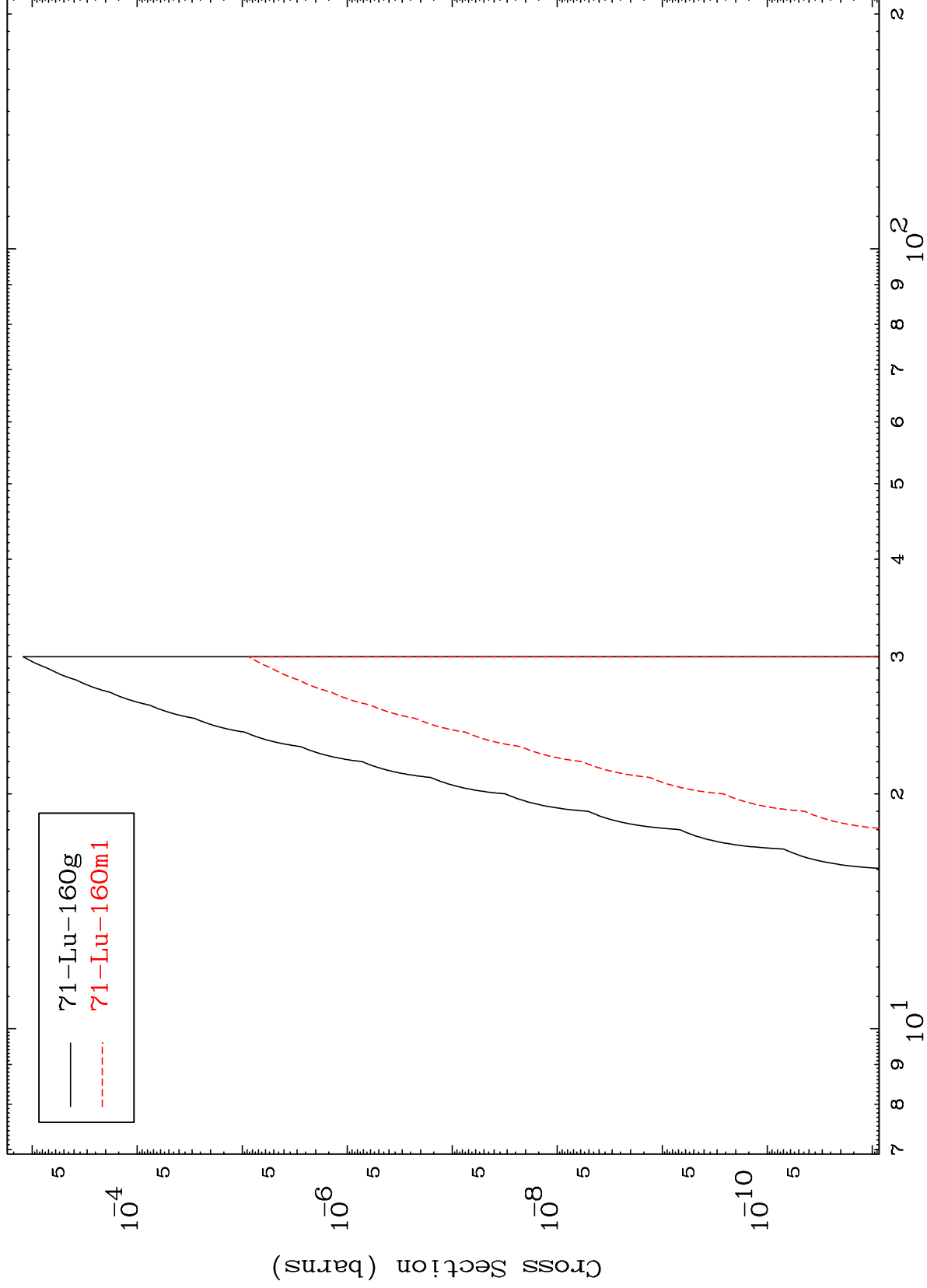
$^{73}\text{Ta-163}$

MAT 7274

(n,n') He-3

73-Ta-163

Radionuclide Production Cross Section



130

Incident Energy (MeV)

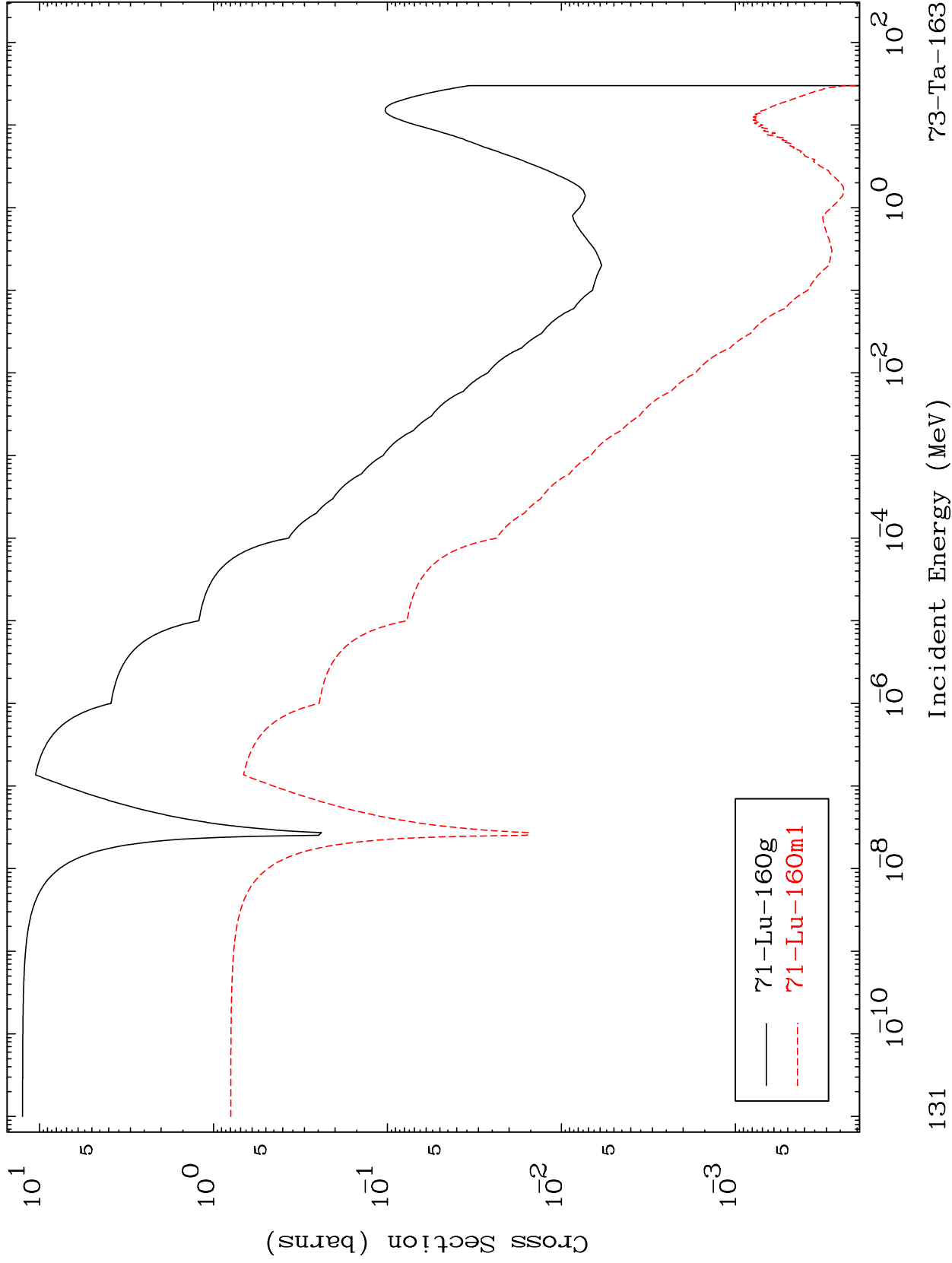
73-Ta-163

MAT 7274

73-Ta-163

Radionuclide Production Cross Section

(n, α)

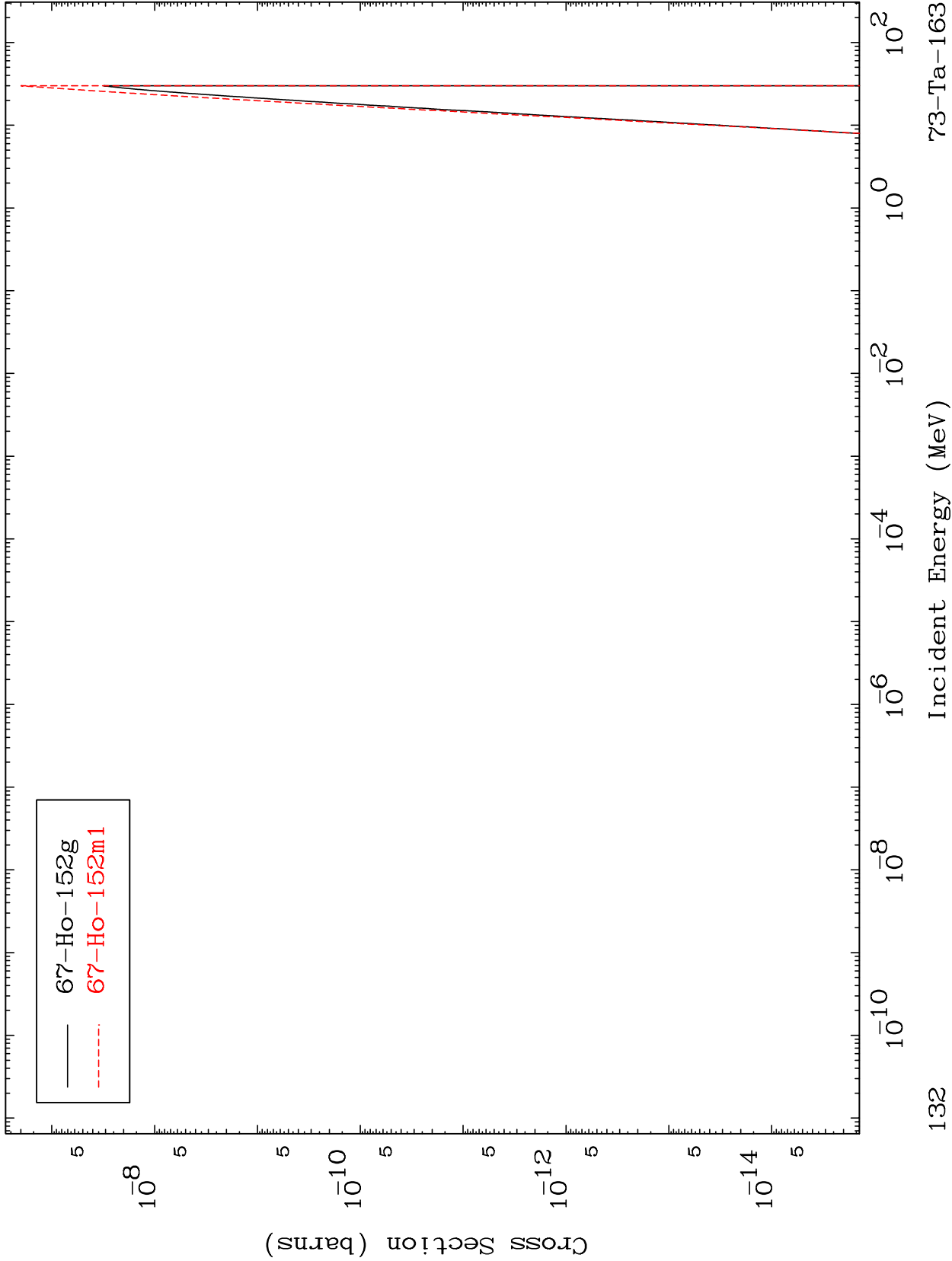


MAT 7274

(n, 3 α)

73-Ta-163

Radionuclide Production Cross Section

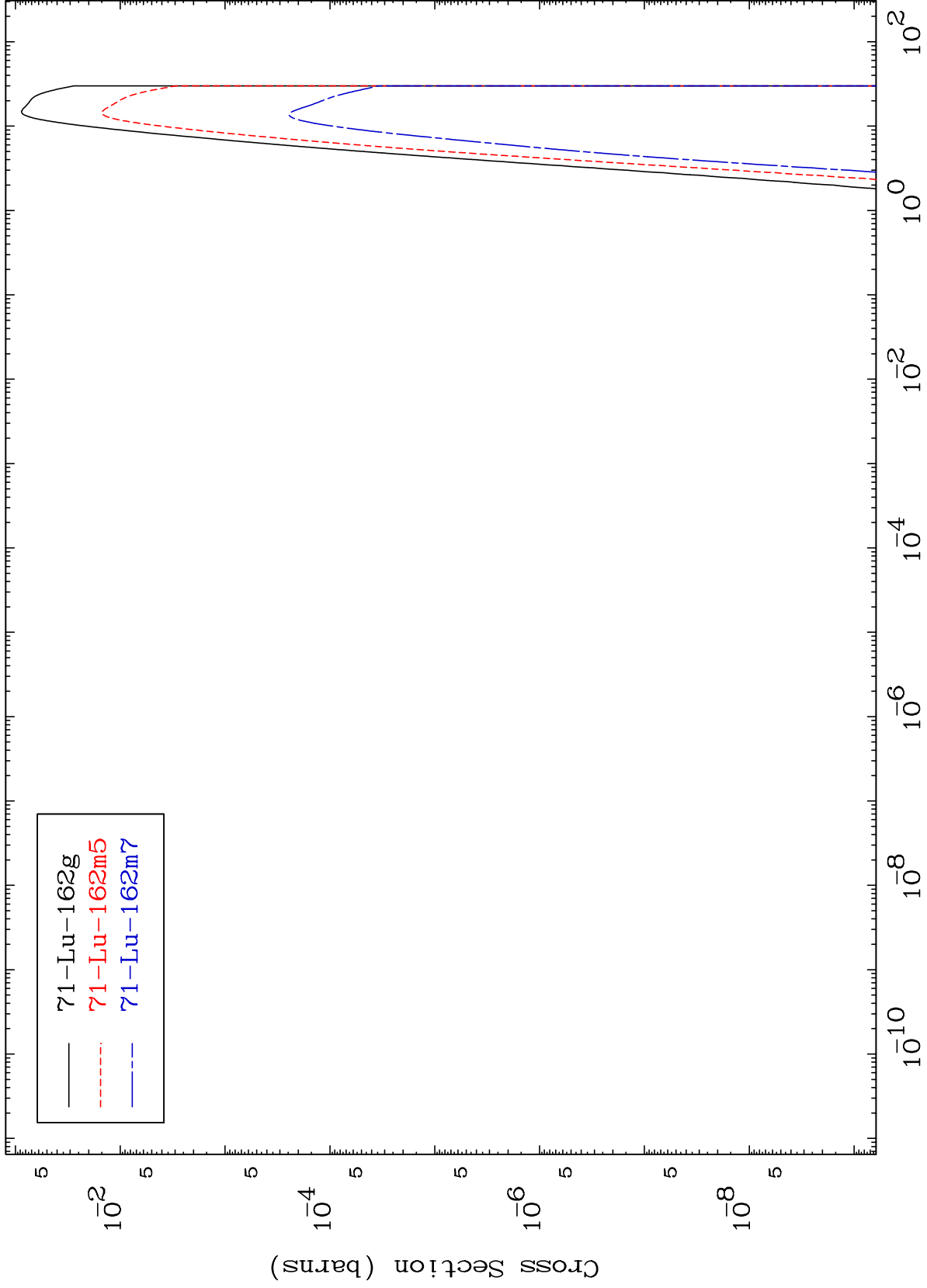


MAT 7274

(n,2p)

73-Ta-163

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-163

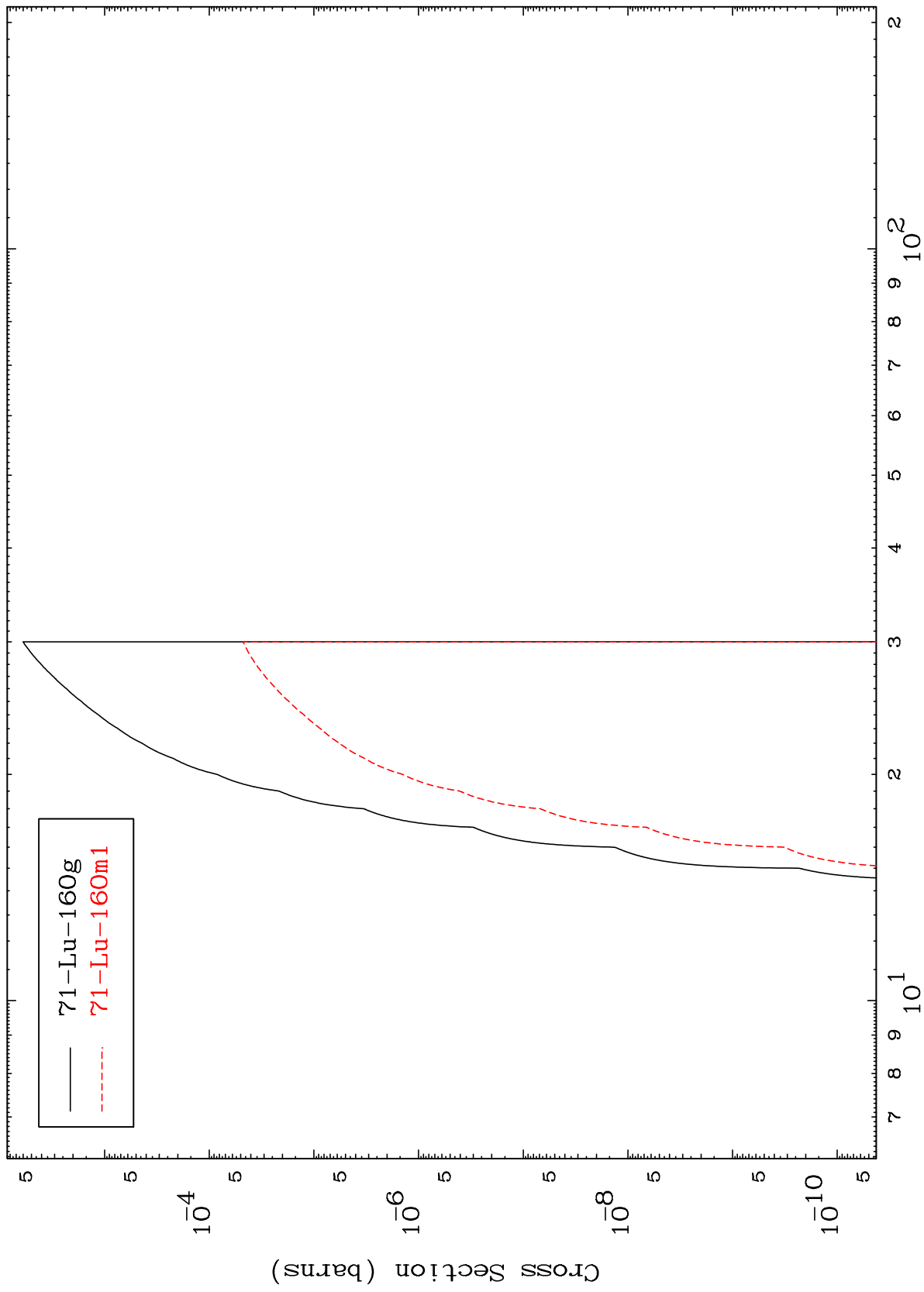
133

MAT 7274

(n,p) t

73-Ta-163

Radionuclide Production Cross Section



134

Incident Energy (MeV)

73-Ta-163