

Program EVALPLOT
(Version 2018-1)

by

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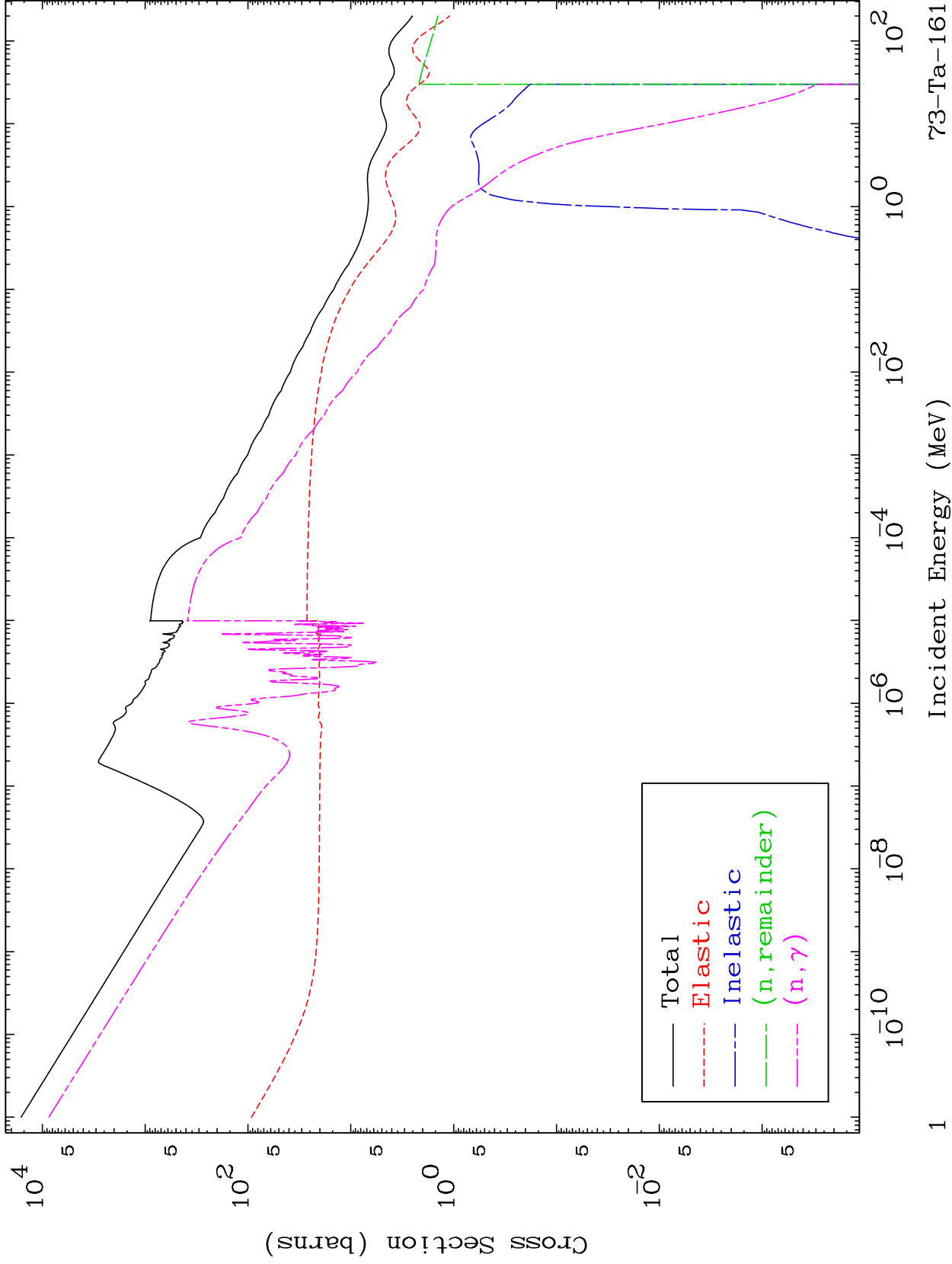
Press Mouse Button to Start

MAT 7268

Major

293 Kelvin Cross Sections

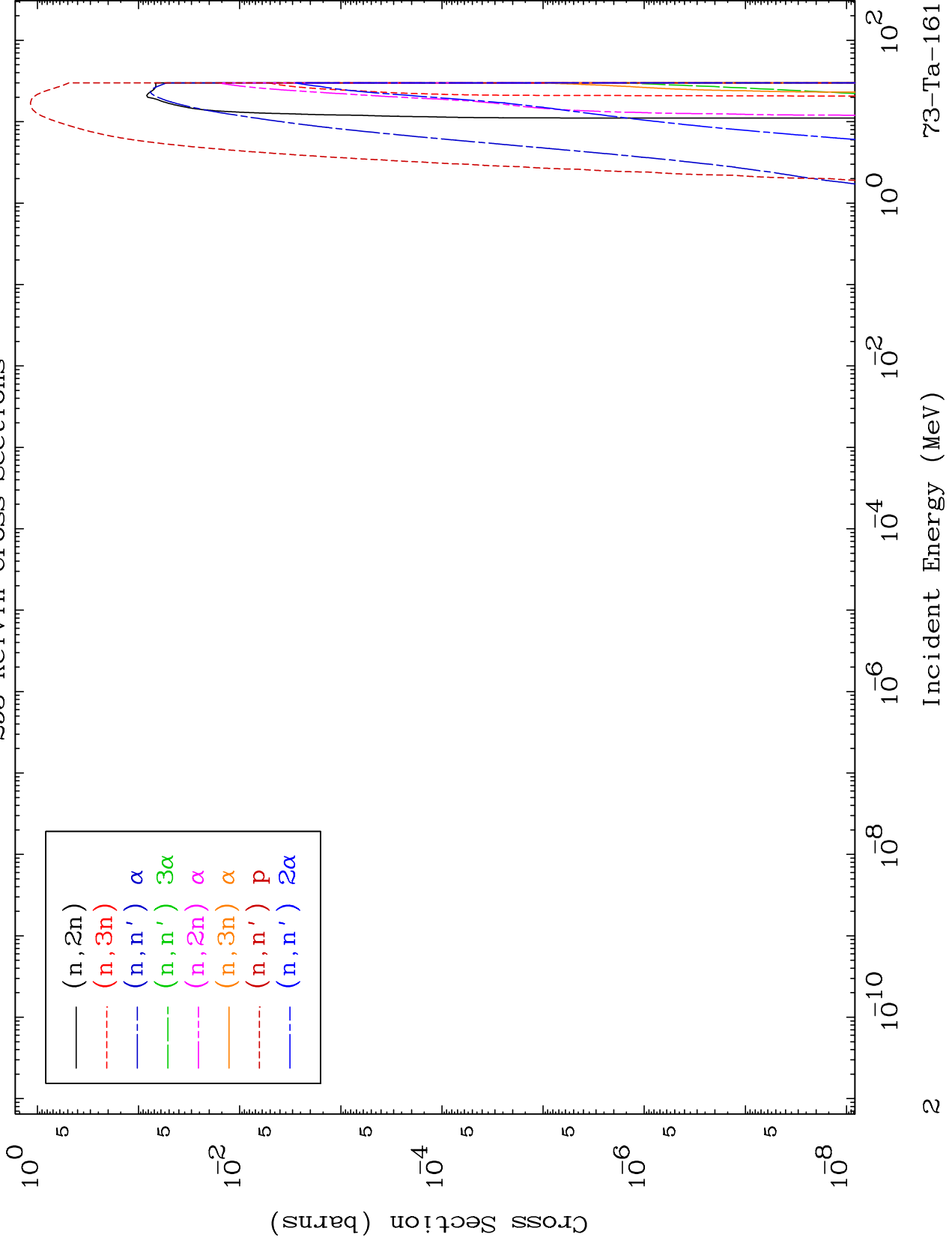
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

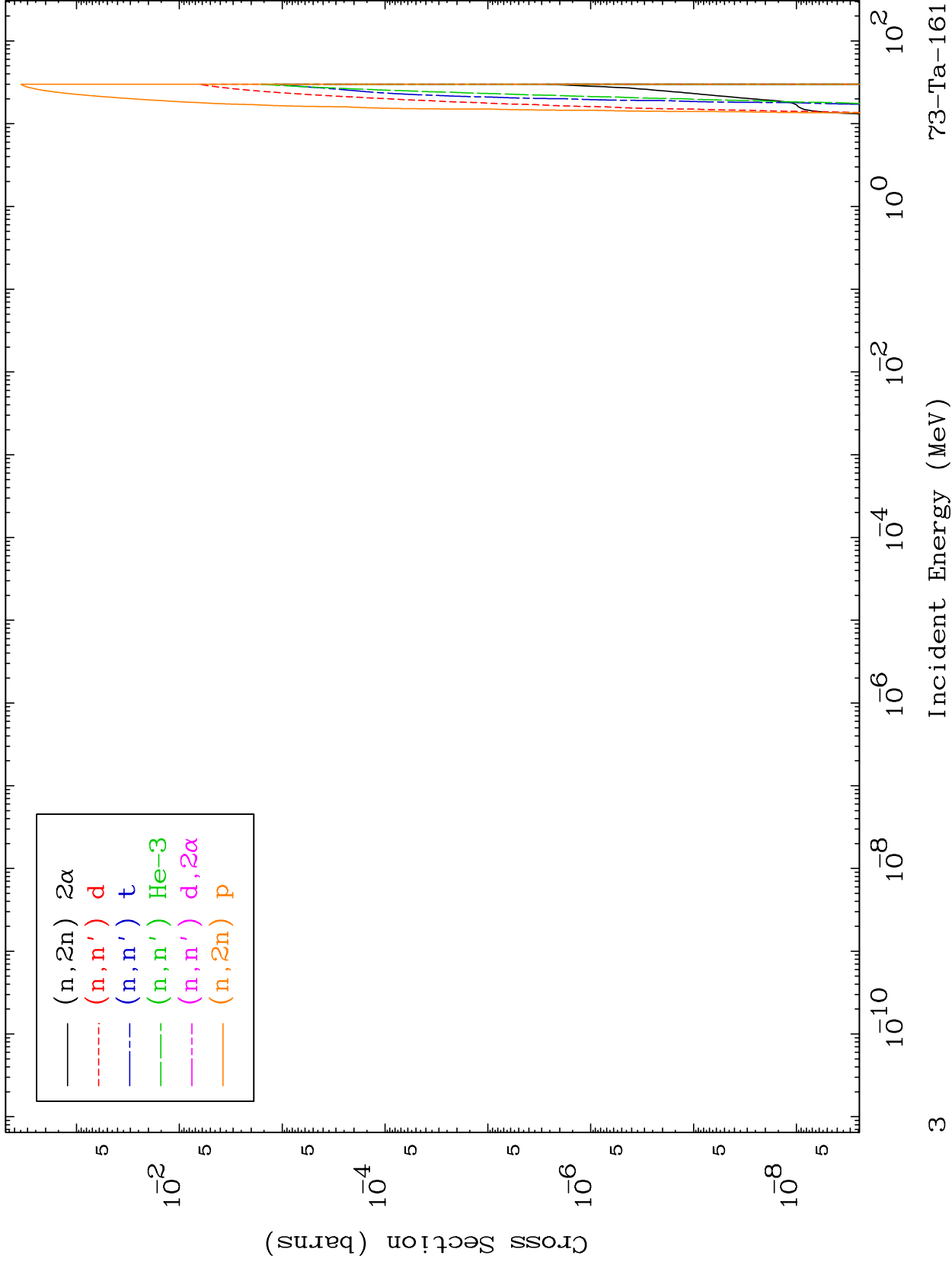
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

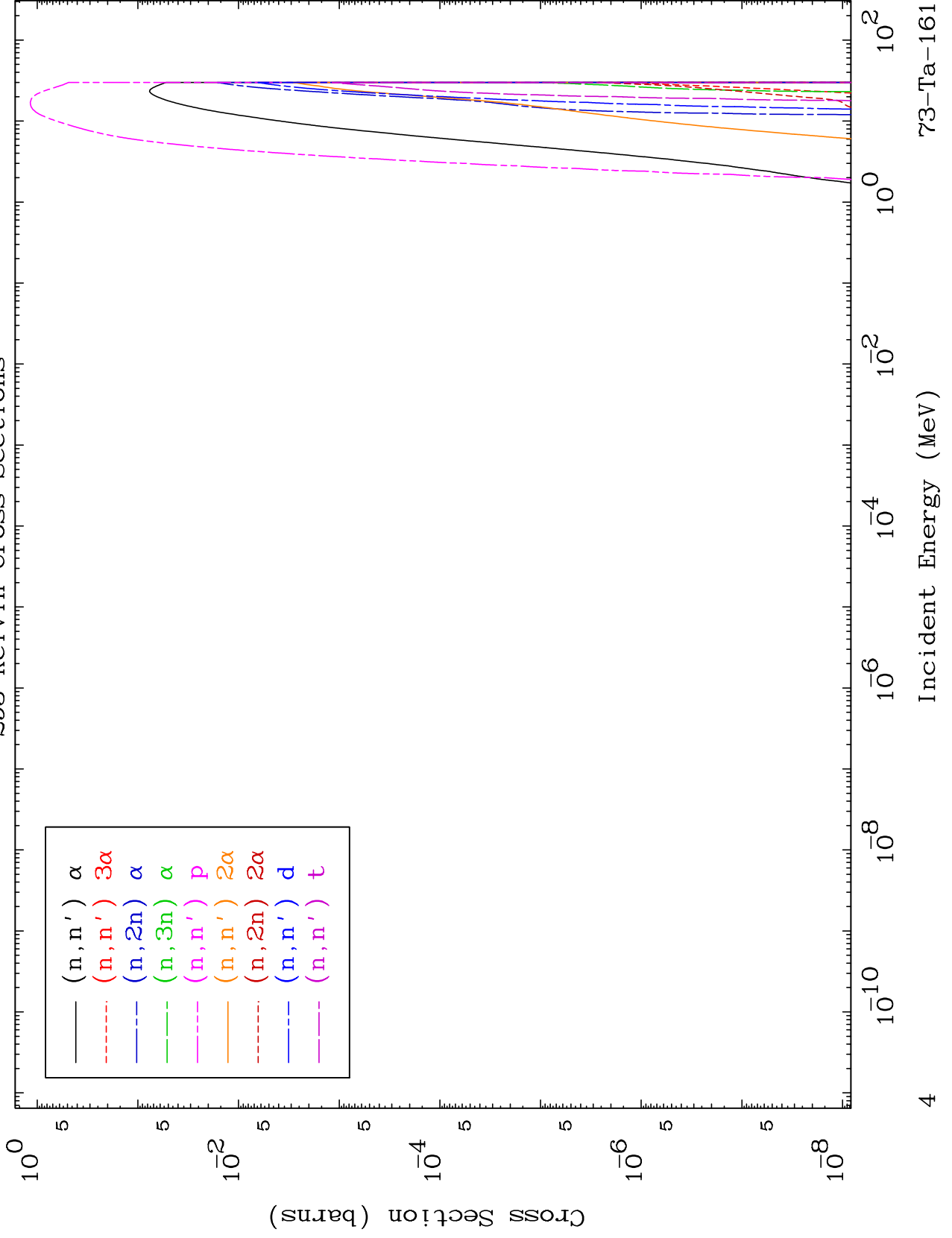
73-Ta-161

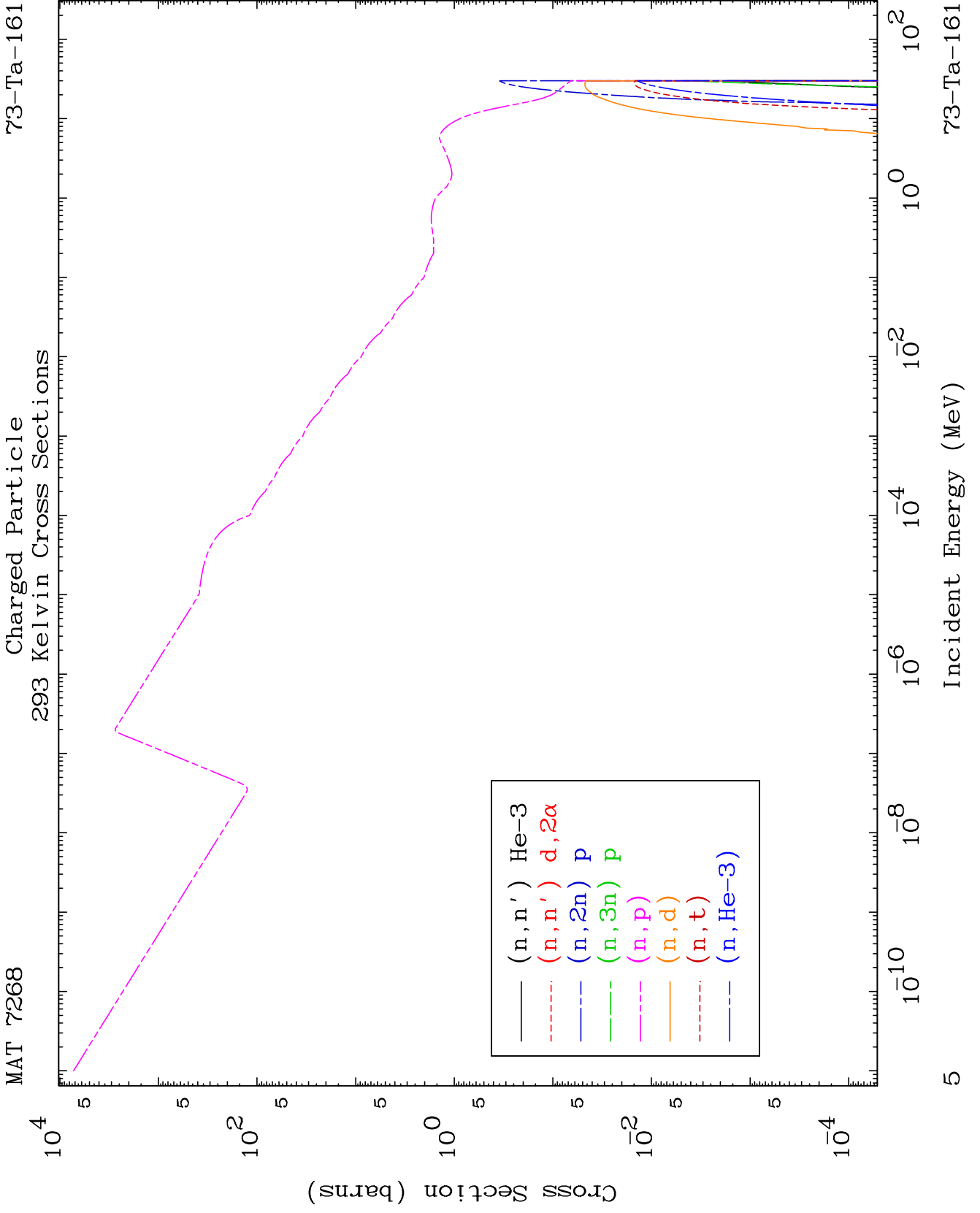


MAT 7268

Charged Particle
293 Kelvin Cross Sections

73-Ta-161

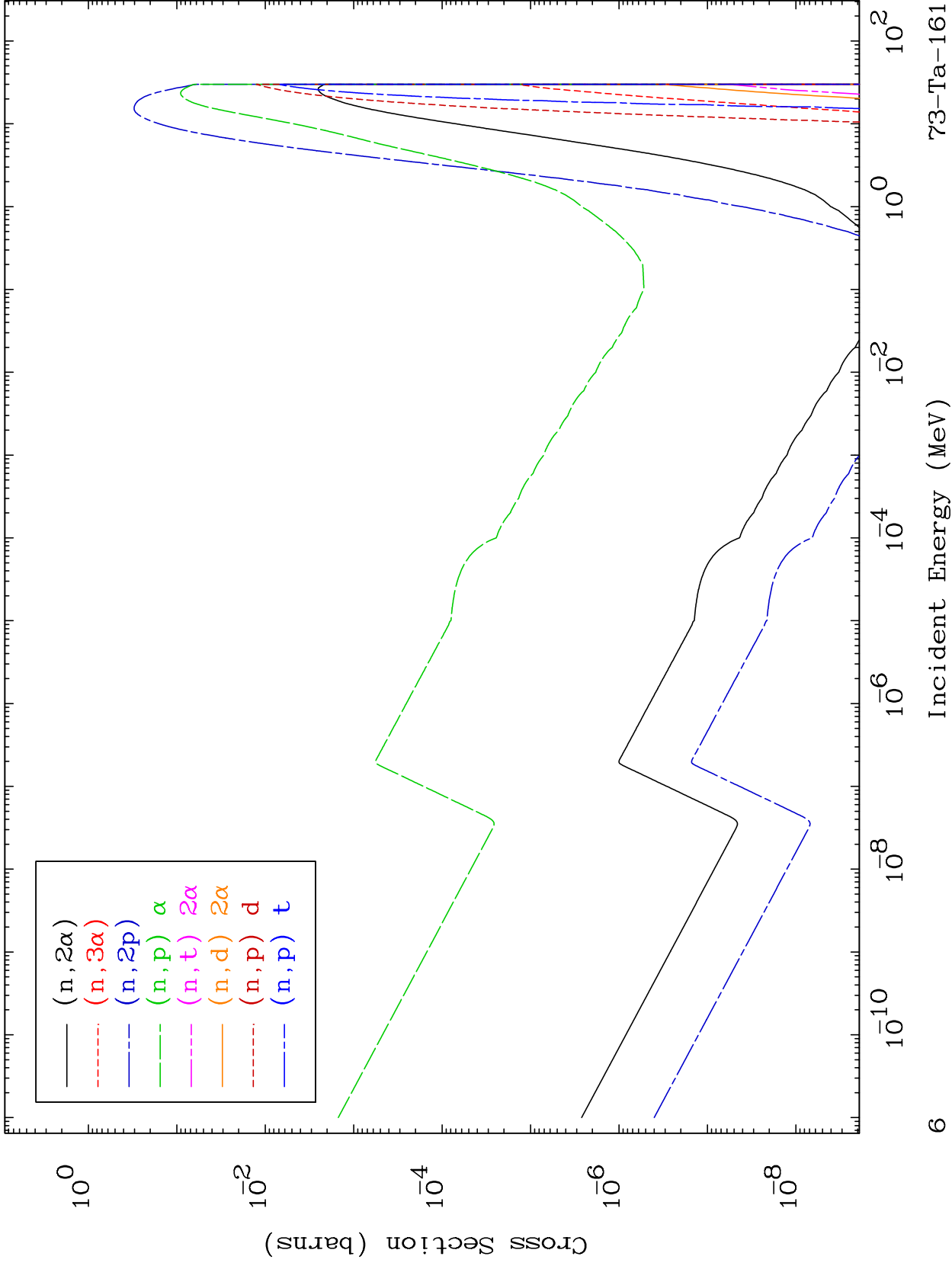




MAT 7268

Charged Particle
293 Kelvin Cross Sections

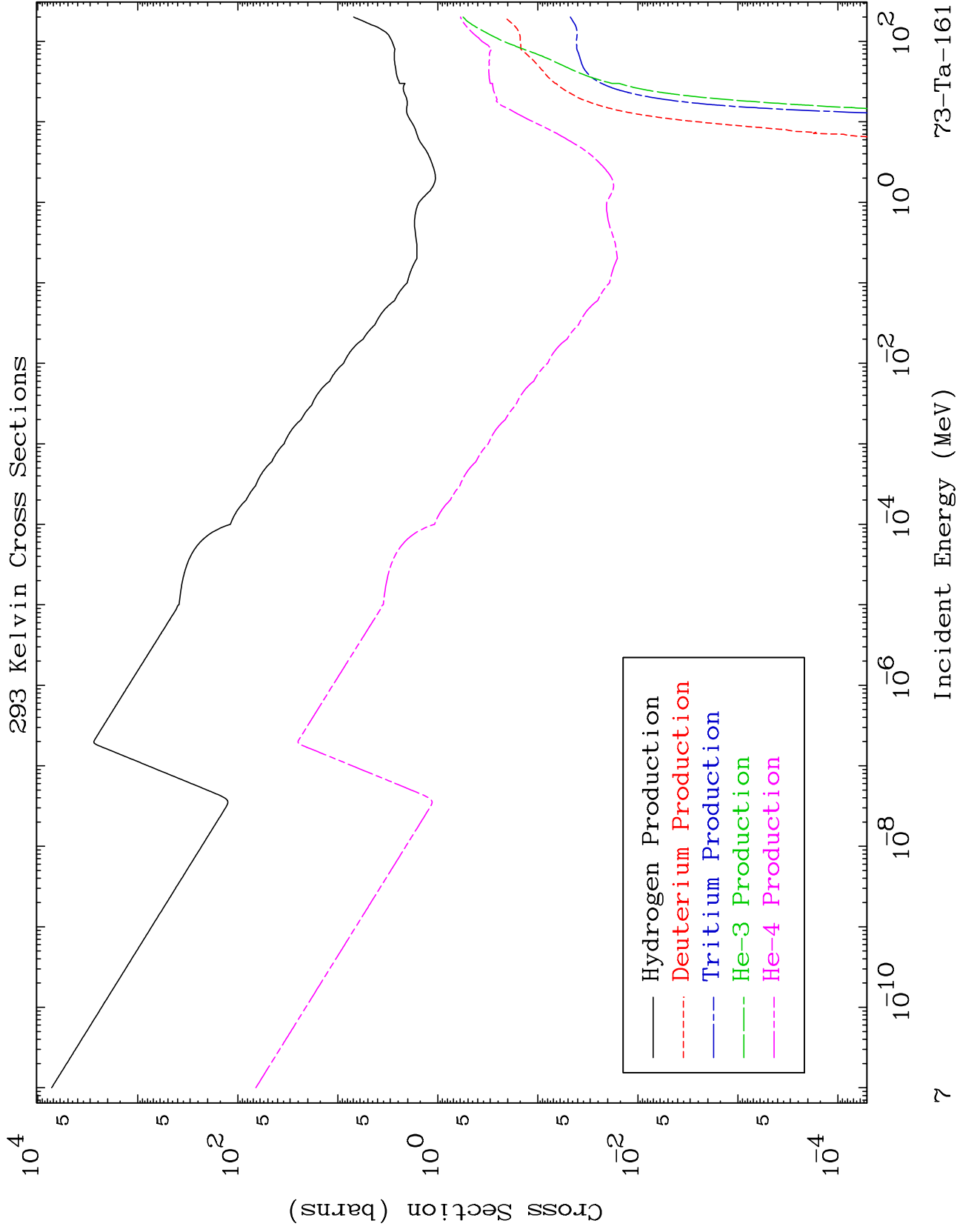
73-Ta-161



MAT 7268

Particle Production
293 Kelvin Cross Sections

73-Ta-161

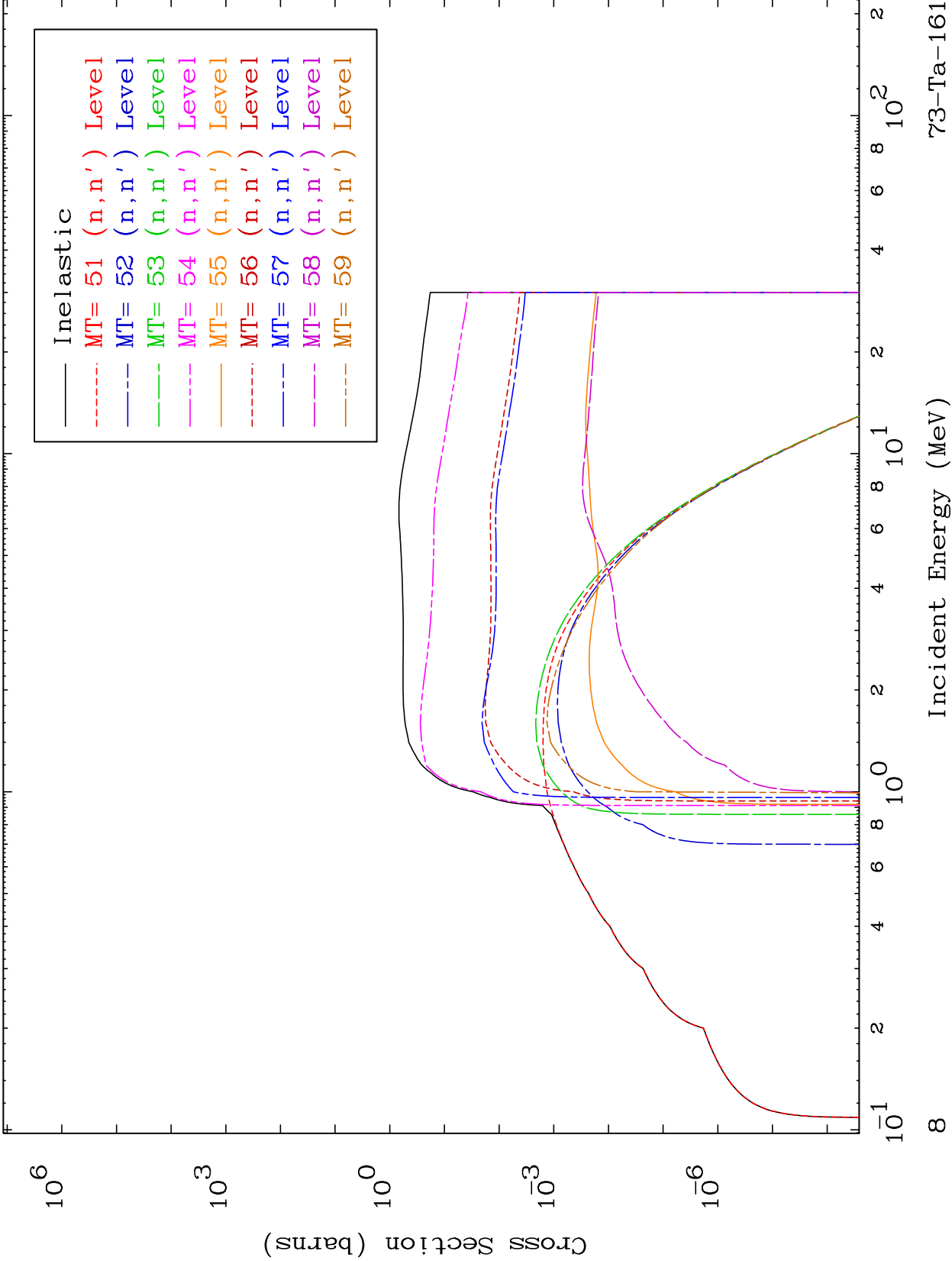


MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-161

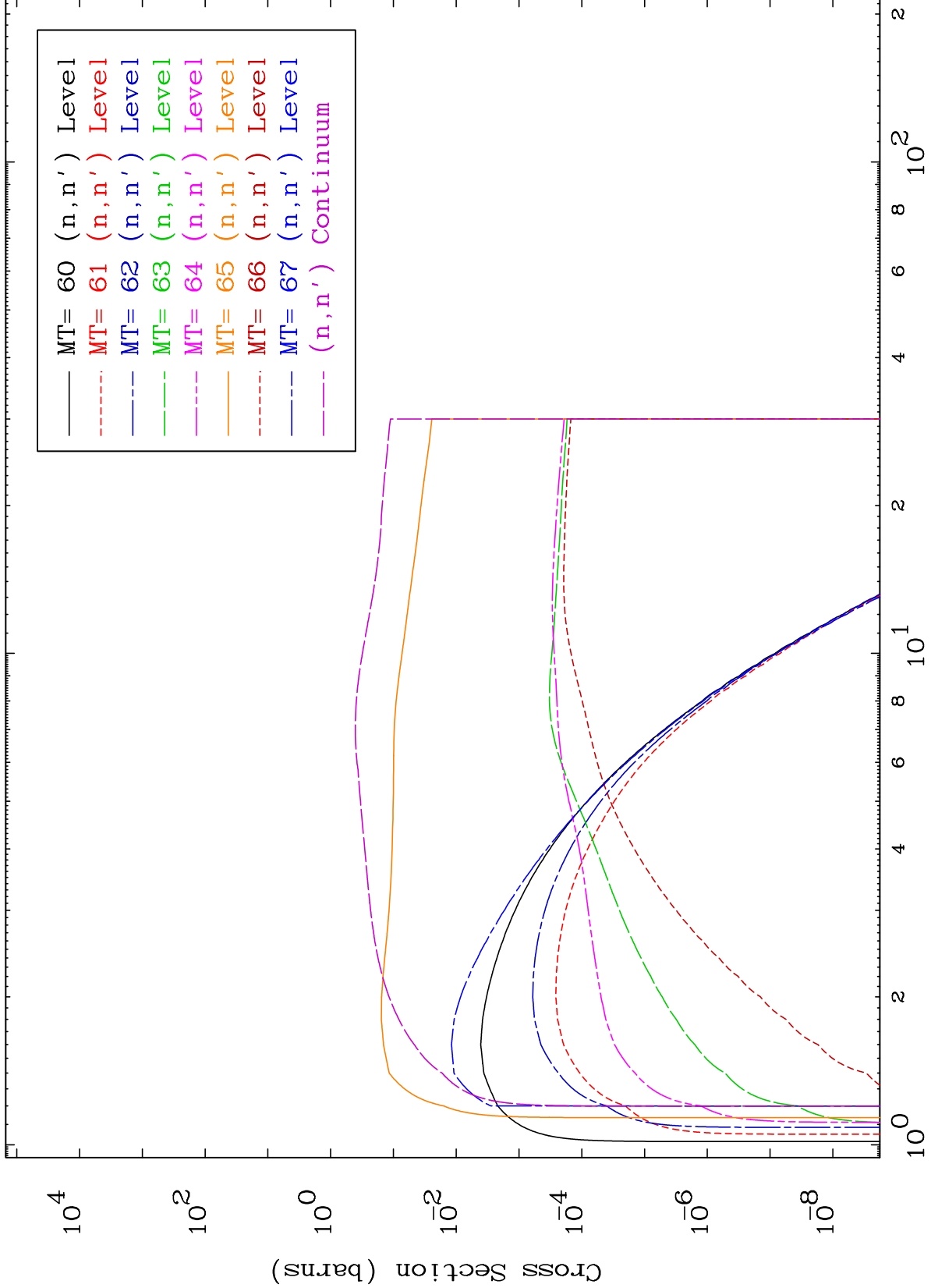
8

MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



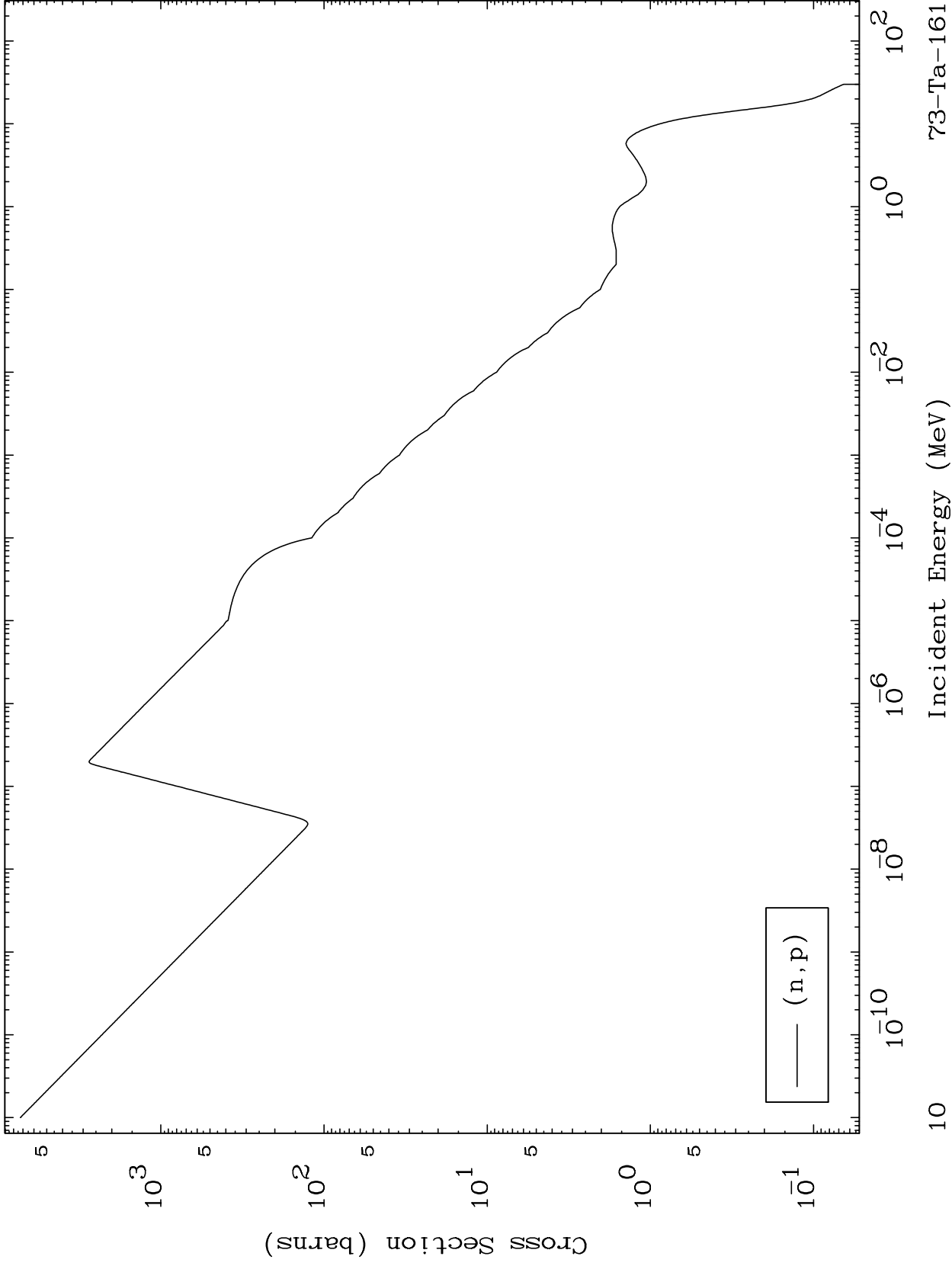
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,p) Levels
293 Kelvin Cross Sections

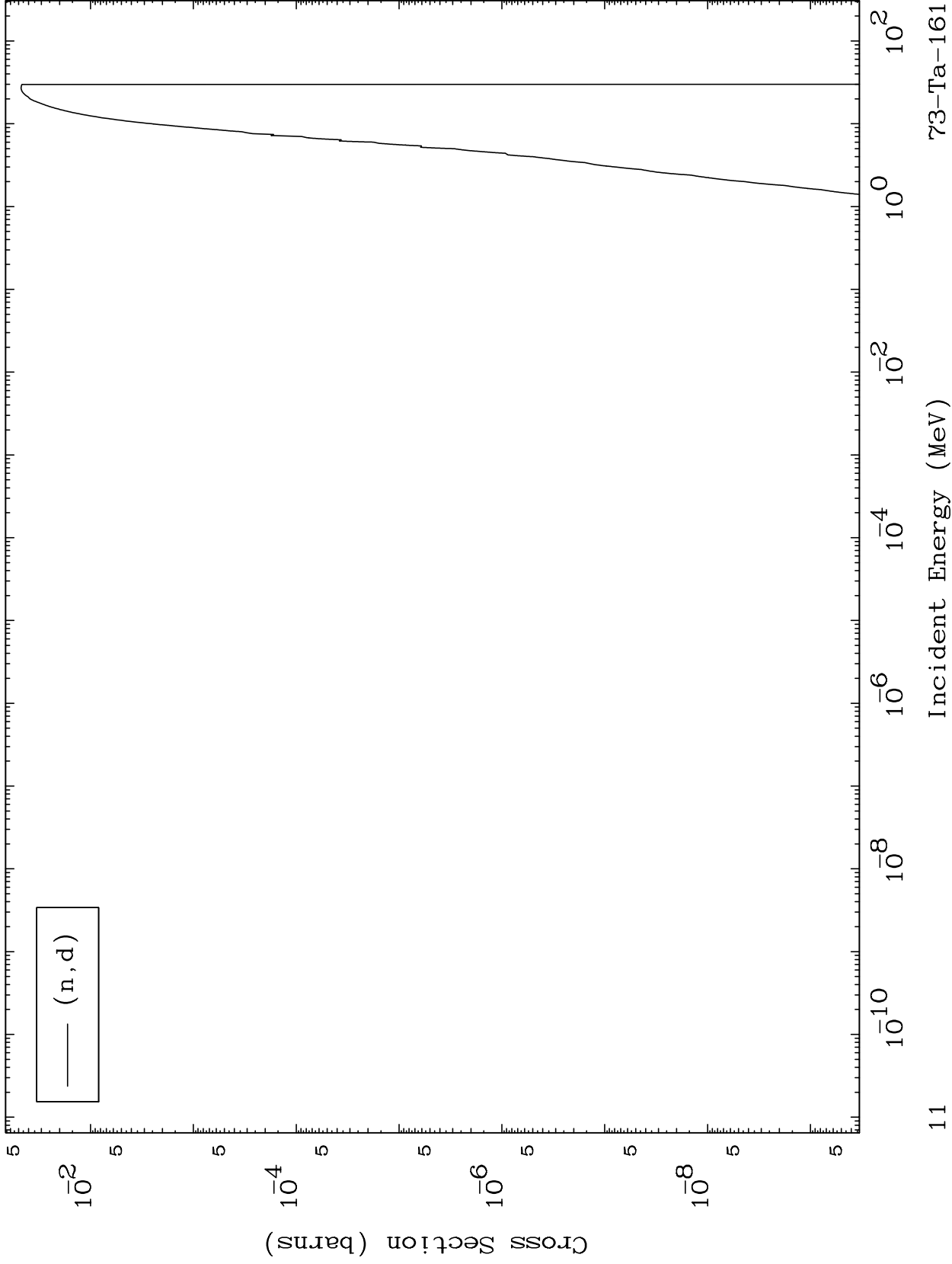
73-Ta-161



MAT 7268

(n,d) Levels
293 Kelvin Cross Sections

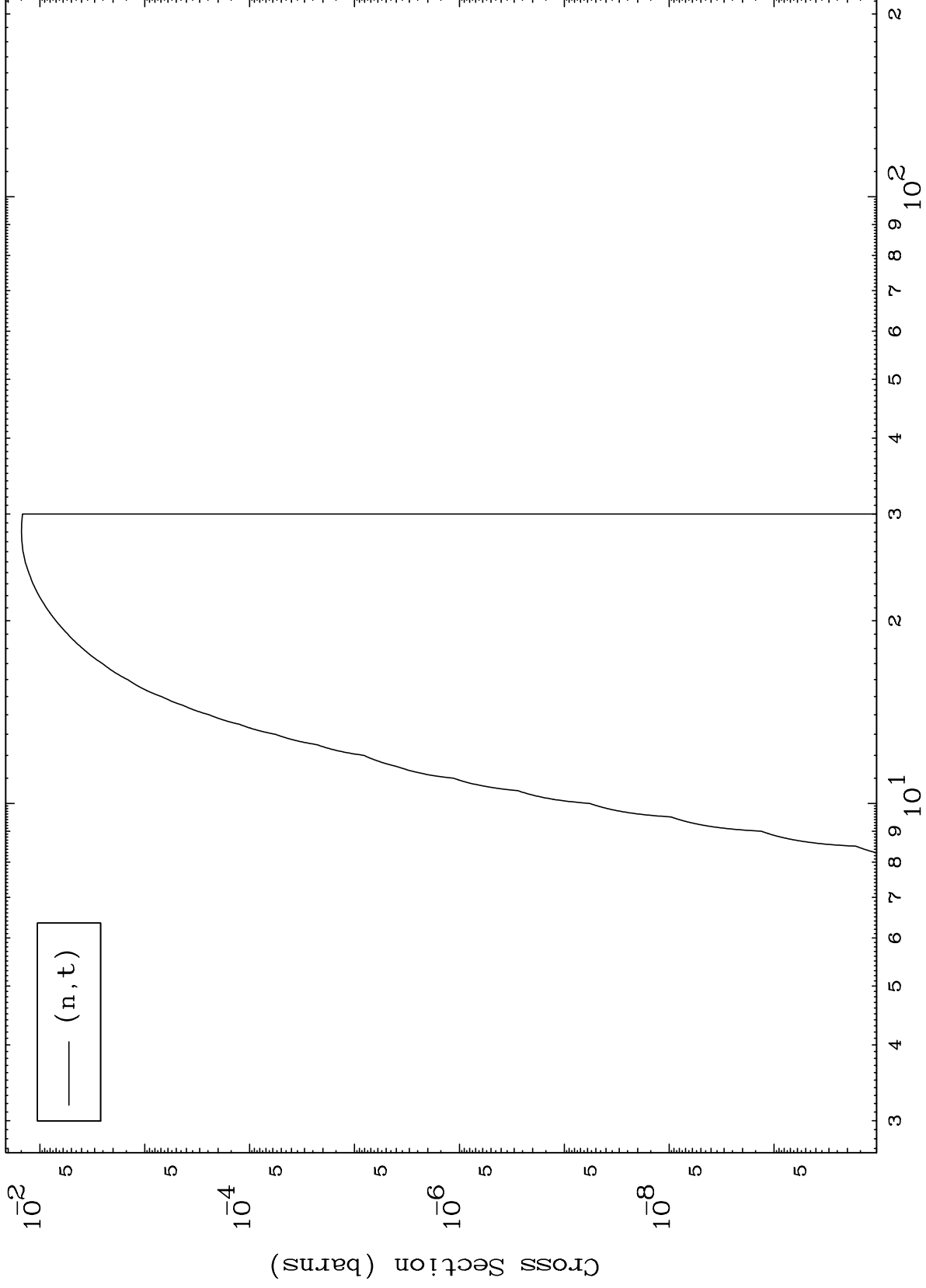
73-Ta-161



MAT 7268

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-161



12

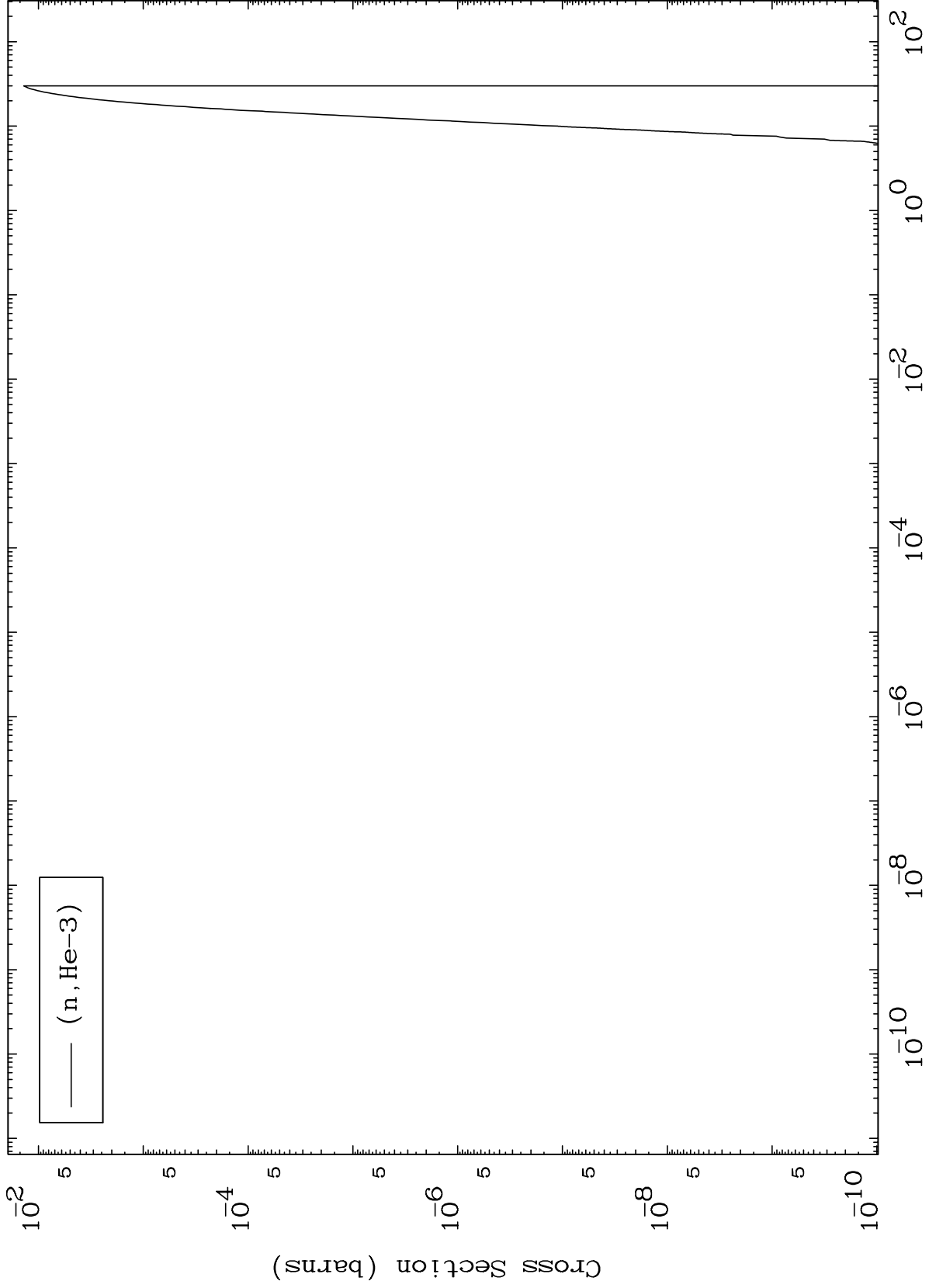
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,He3) Levels
293 Kelvin Cross Sections

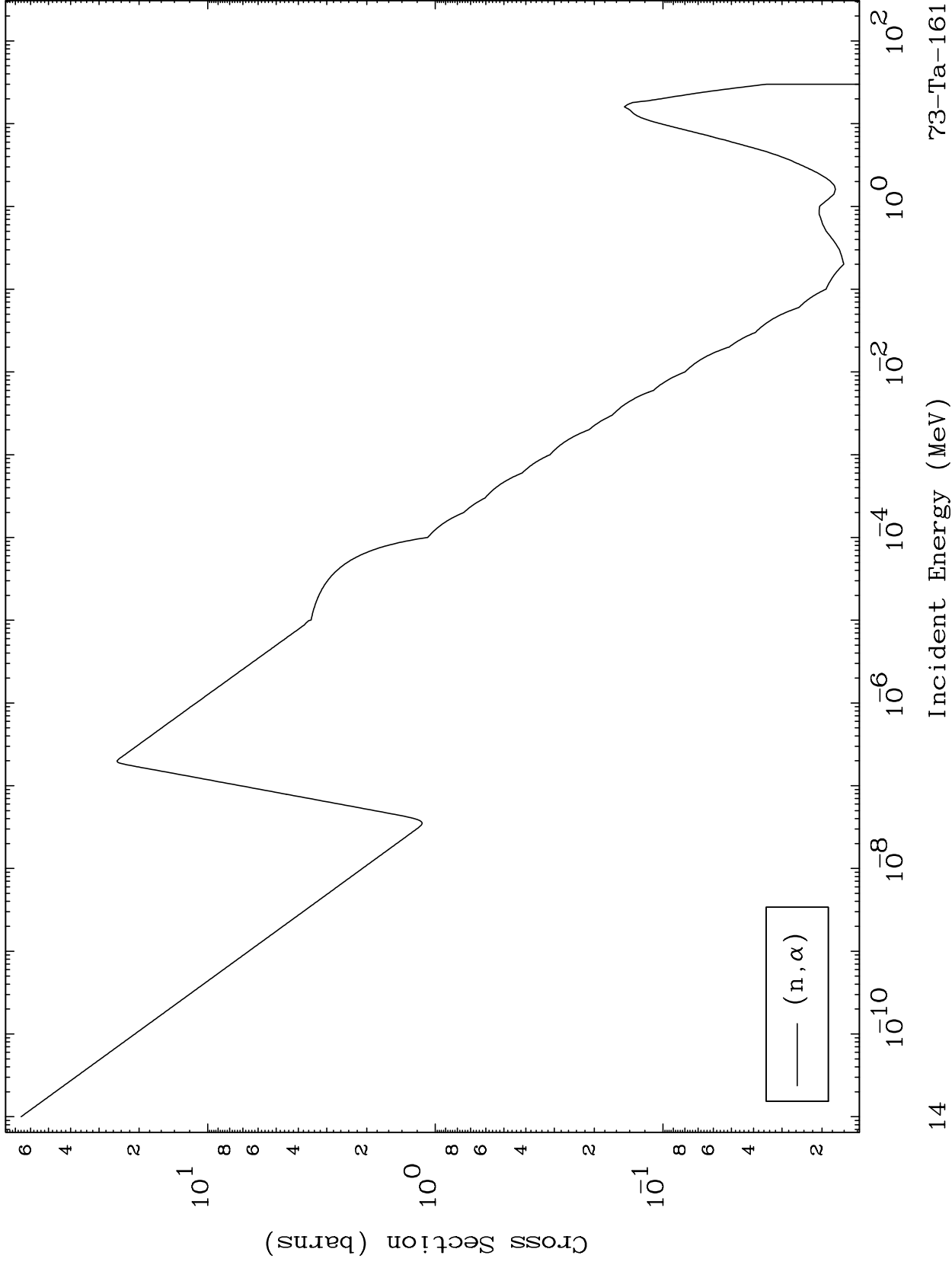
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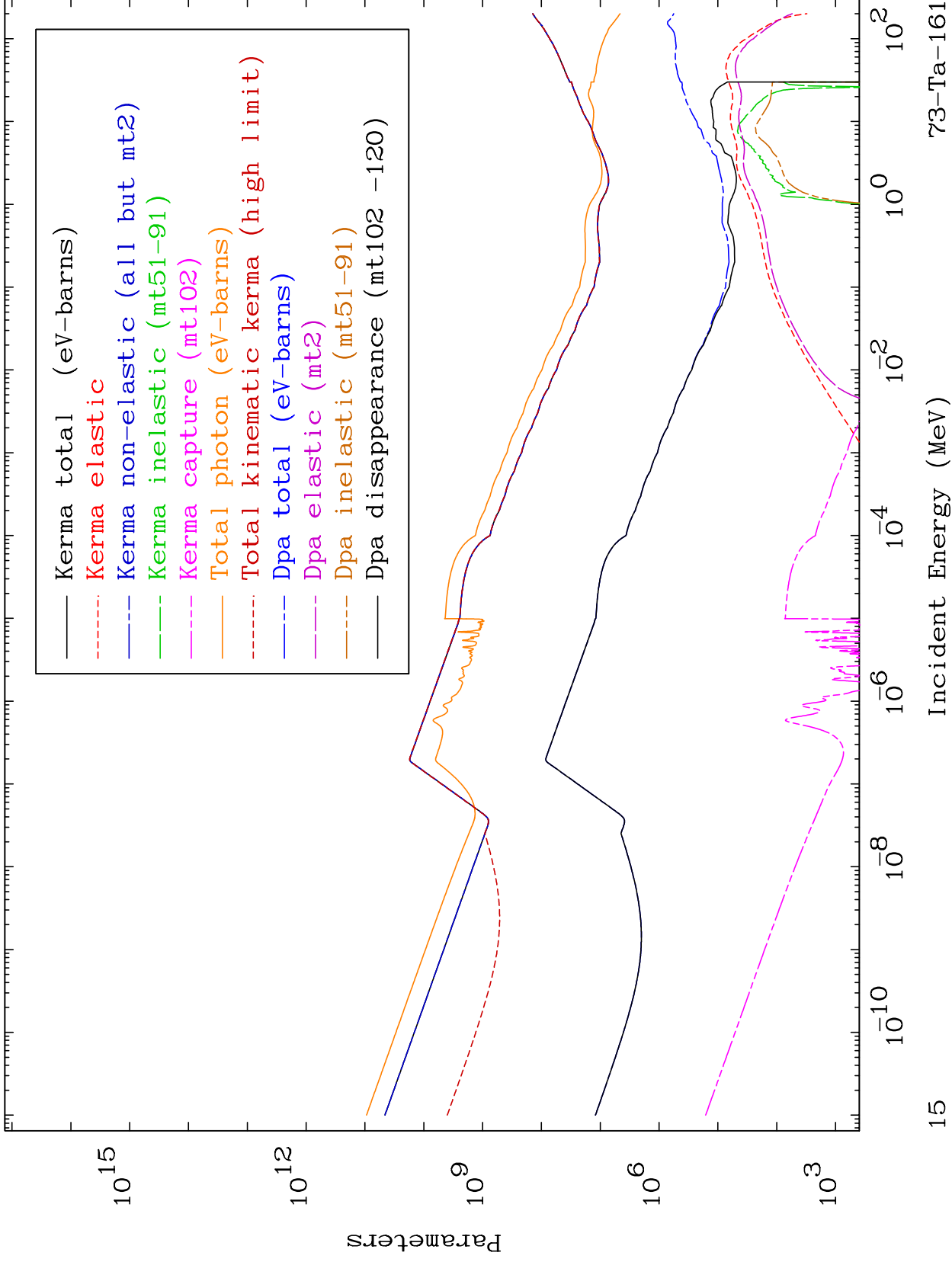


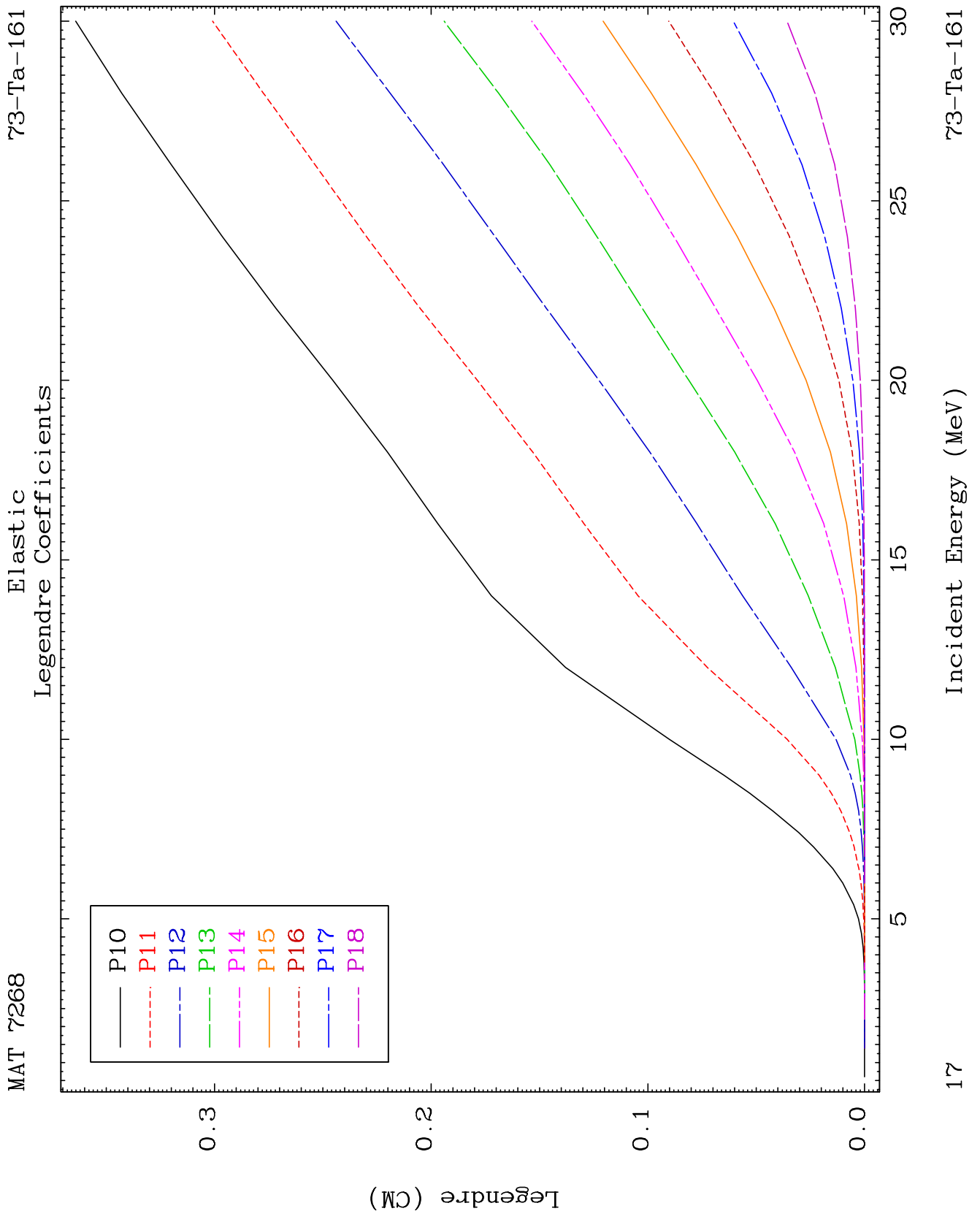
MAT 7268

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-161



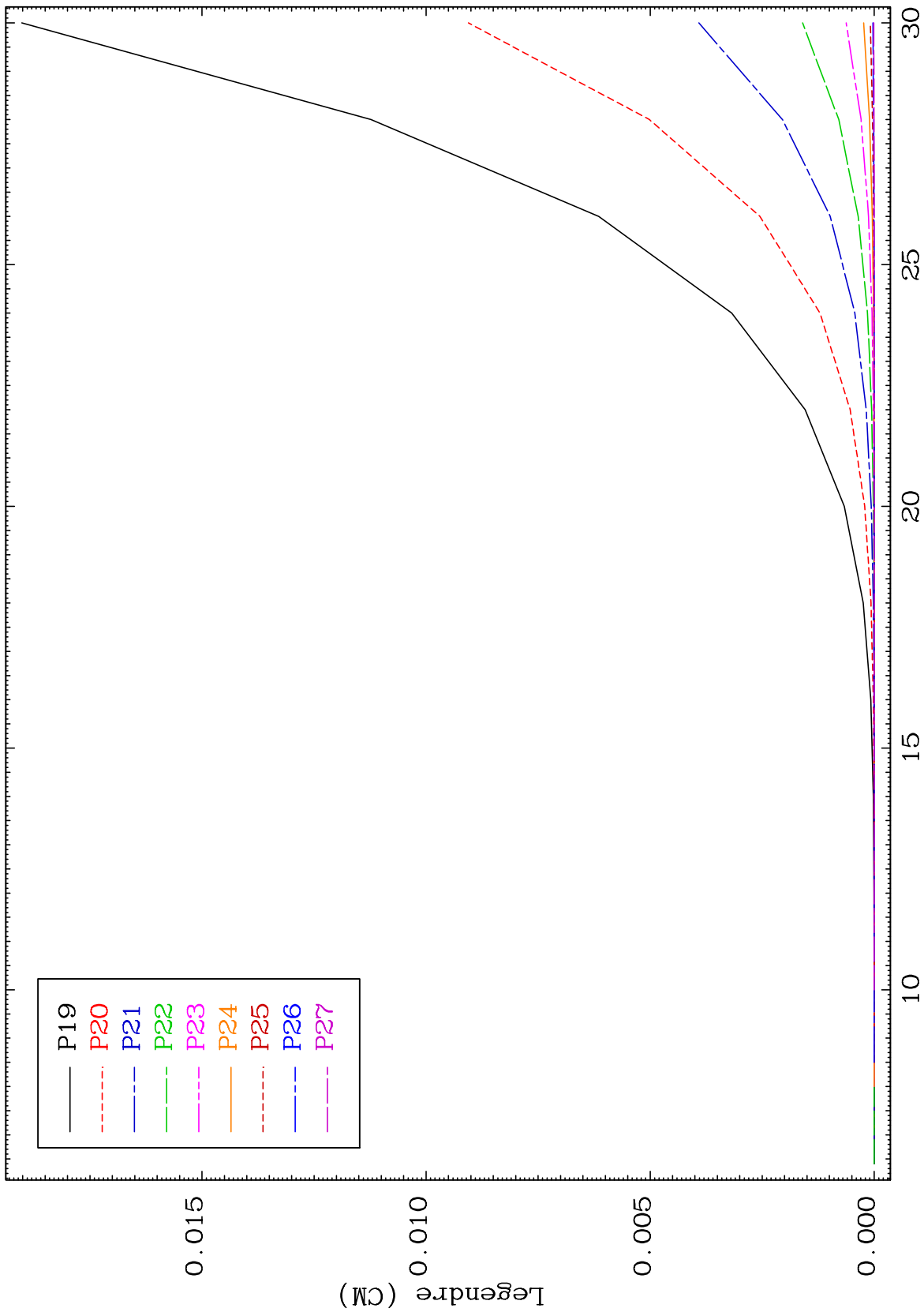




MAT 7268

Elastic Legendre Coefficients

73-Ta-161



18

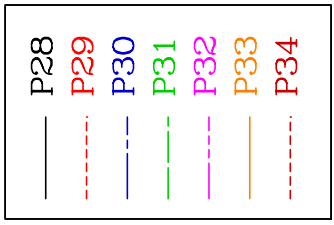
Incident Energy (MeV)

73-Ta-161

MAT 7268

Elastic Legendre Coefficients

⁷³Ta-161



$\times 10^{-6}$

Legendre (CM)

10

15

20

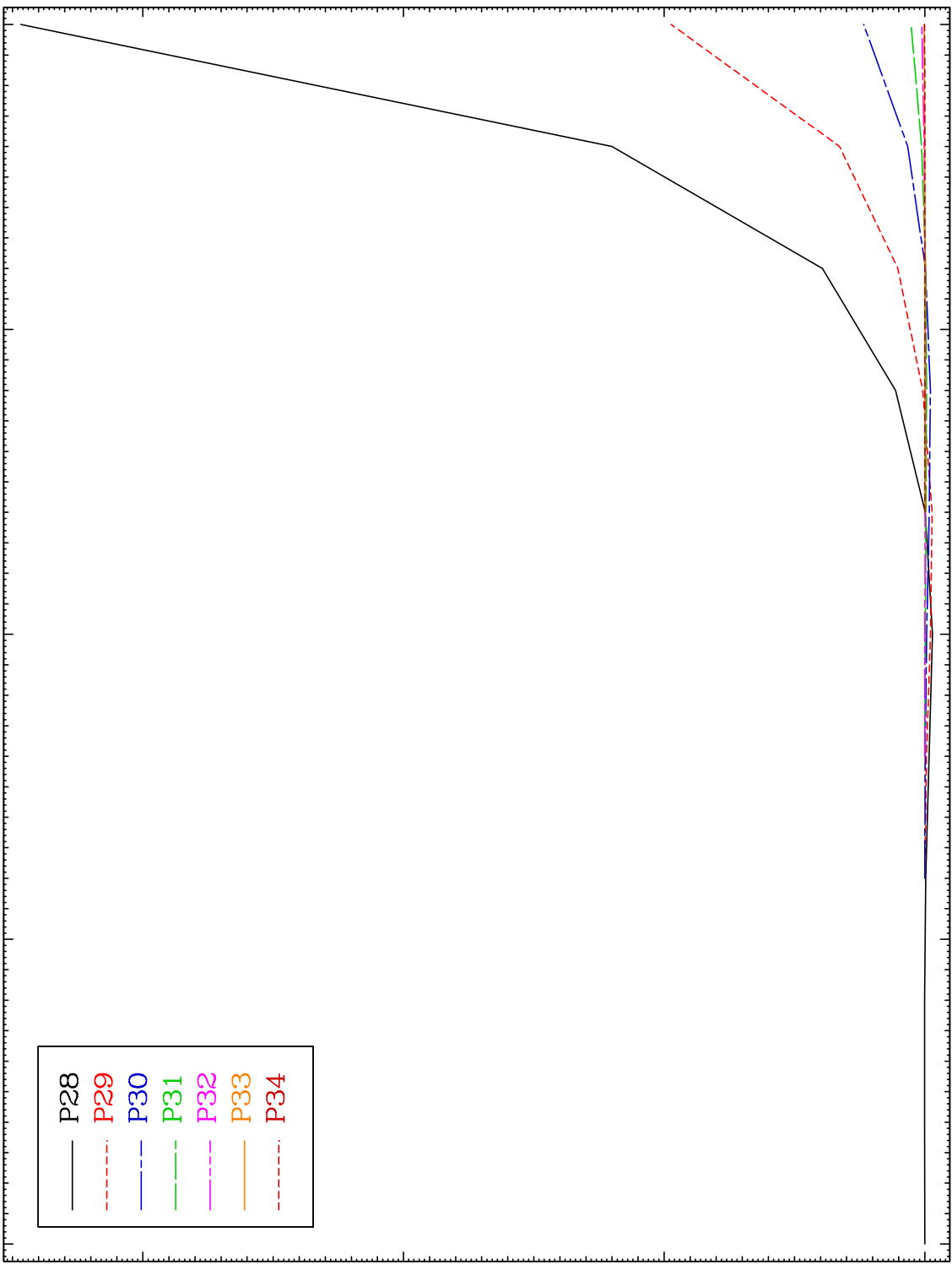
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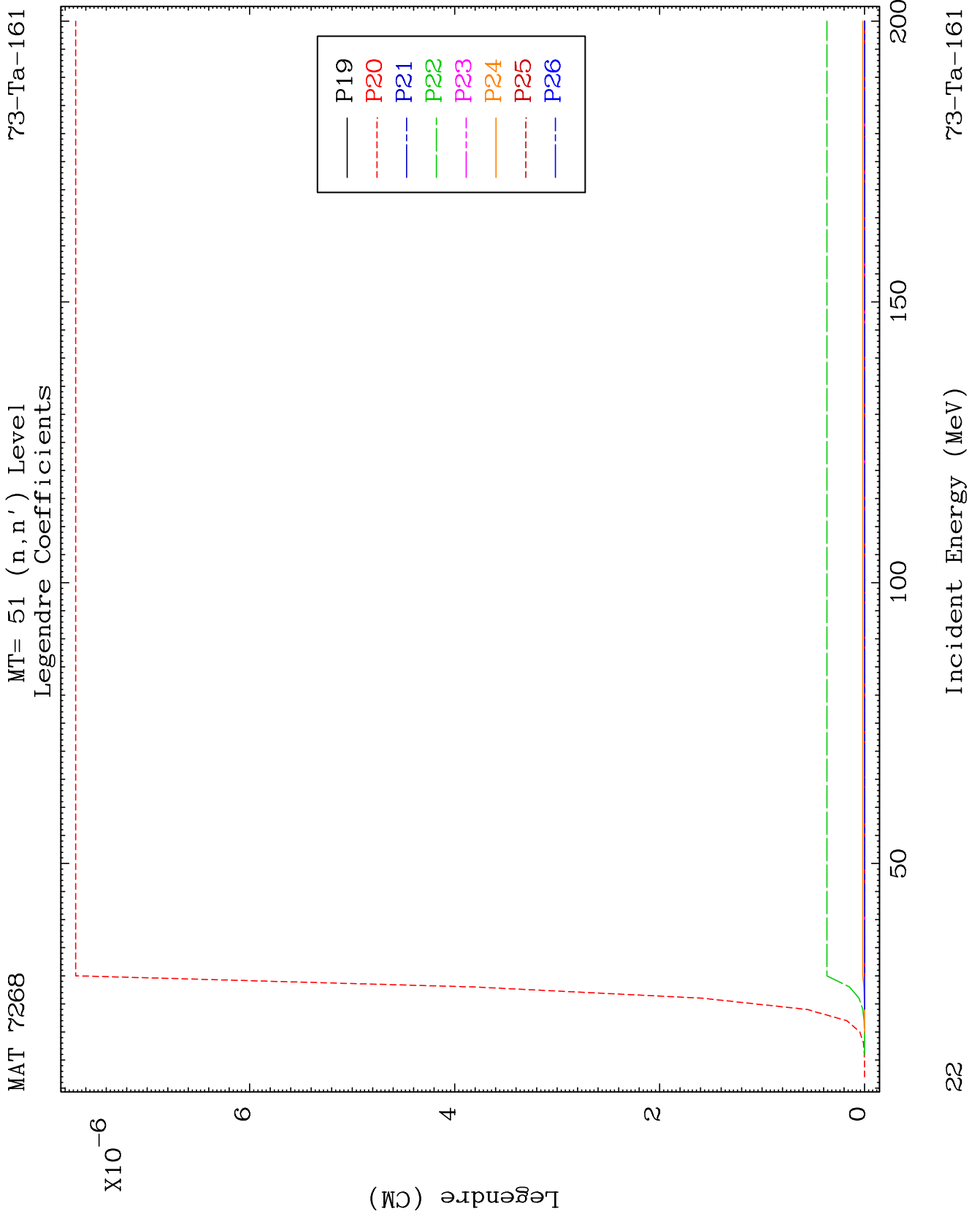
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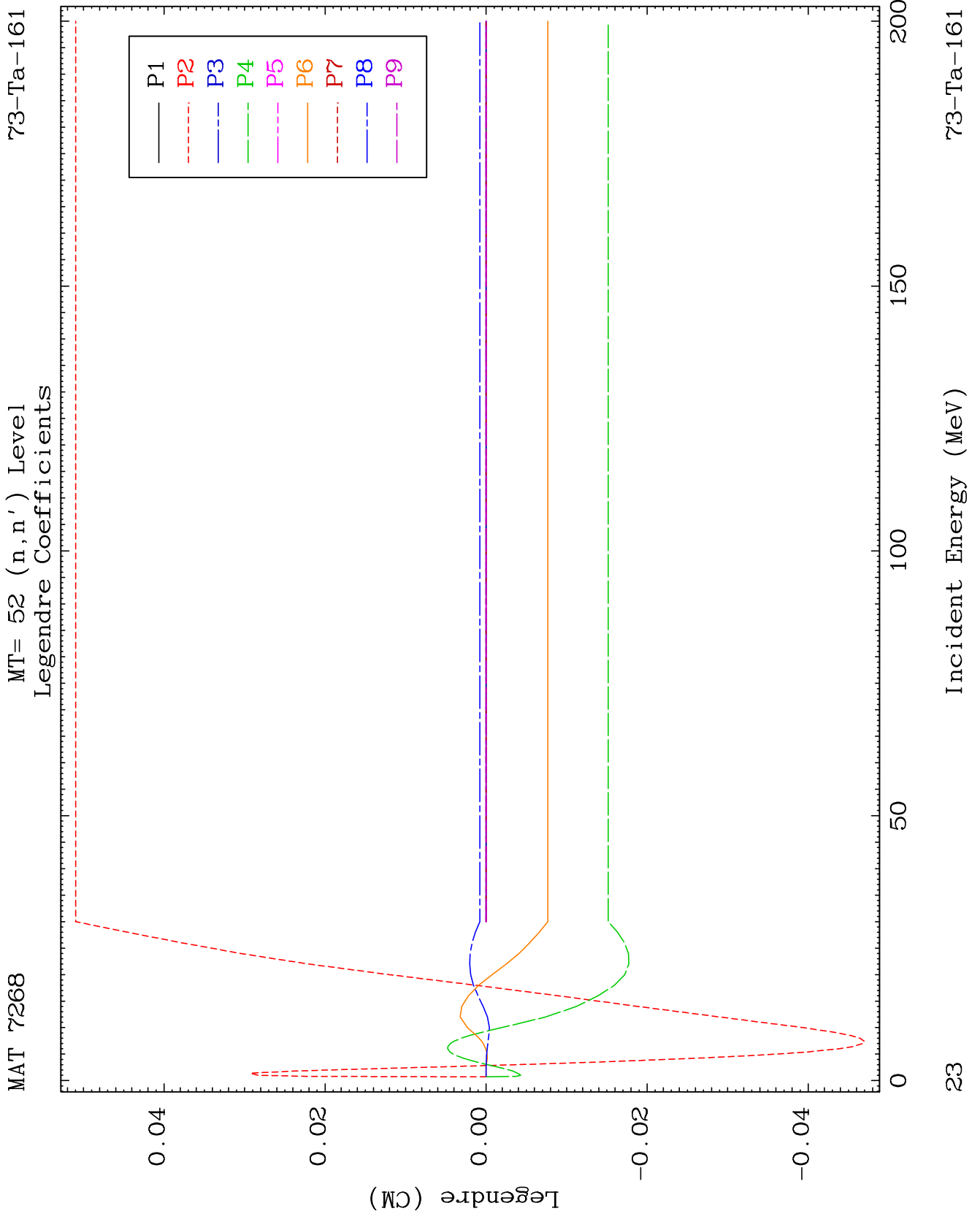
19

Incident Energy (MeV)

⁷³Ta-161



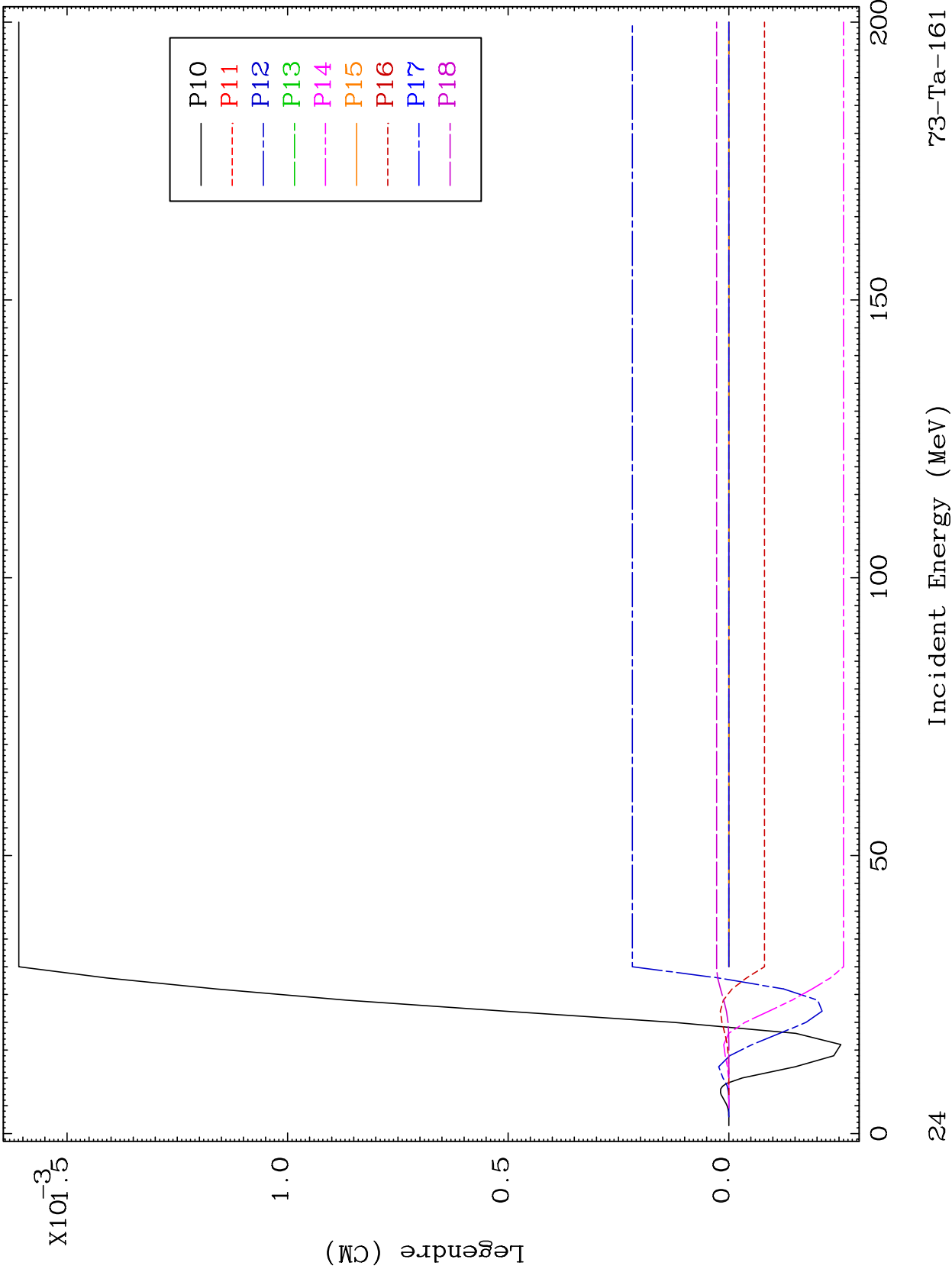




MAT 7268

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

73-Ta-161



73-Ta-161

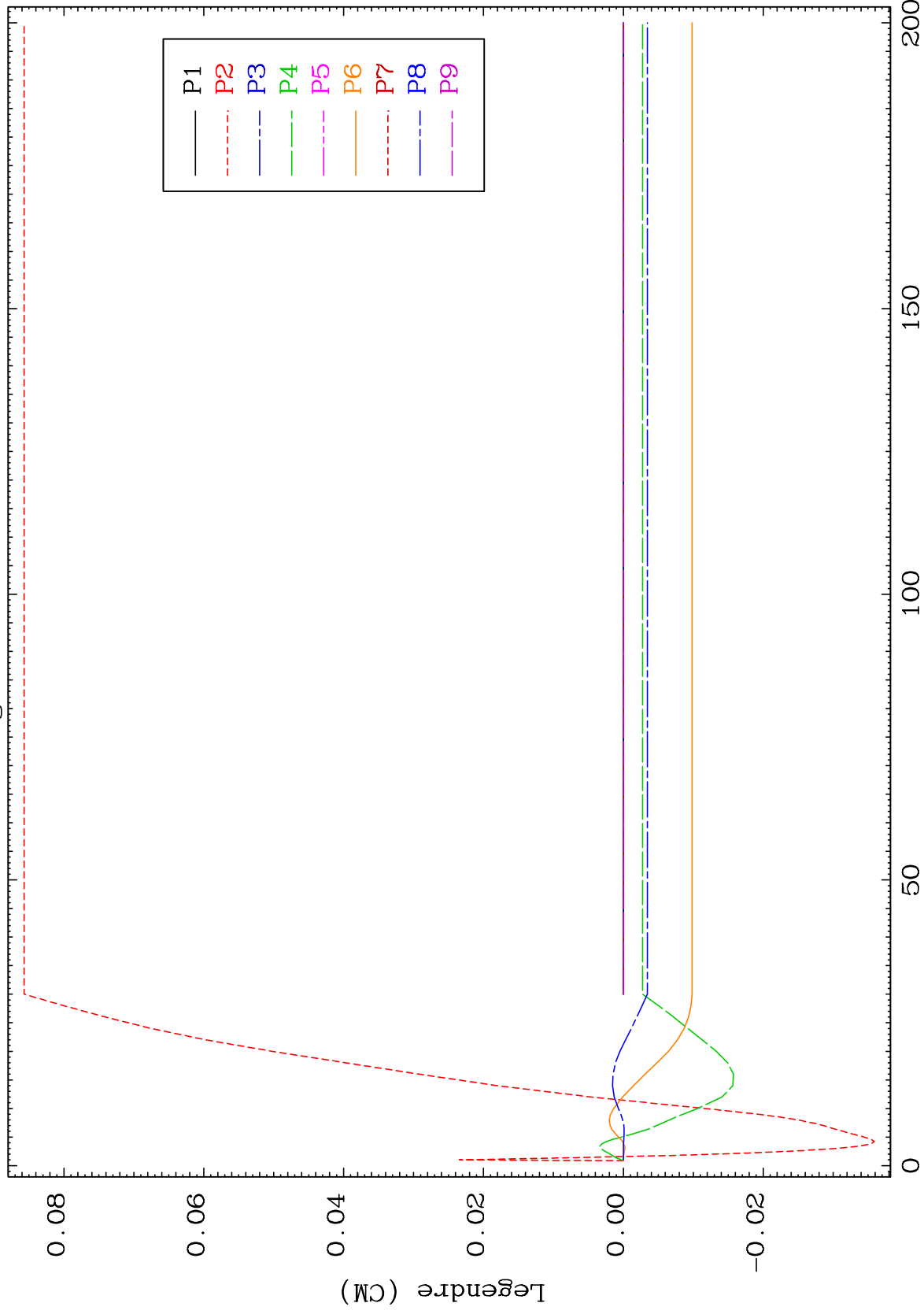
Incident Energy (MeV)

24

MAT 7268

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

73-Ta-161



26

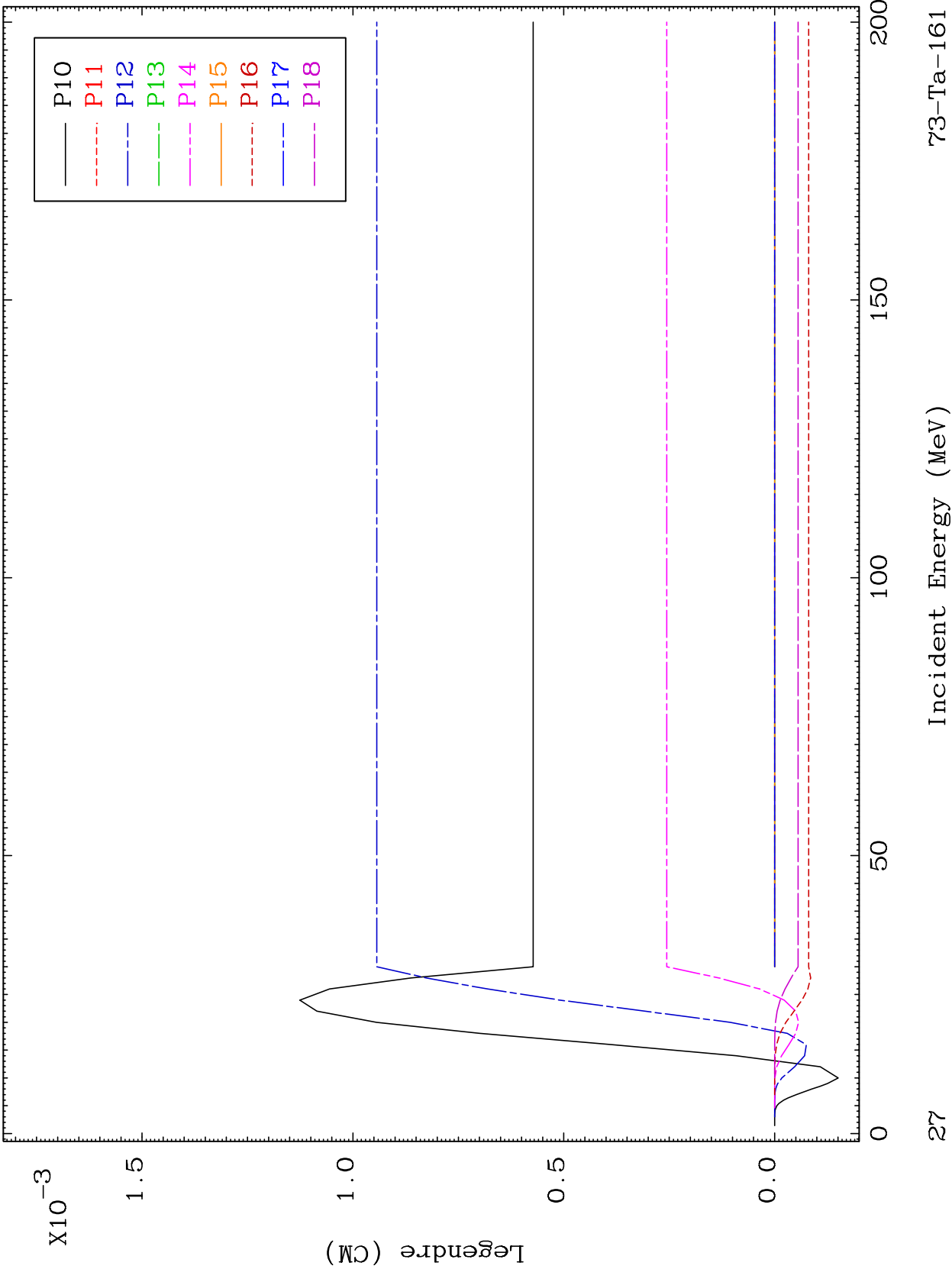
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

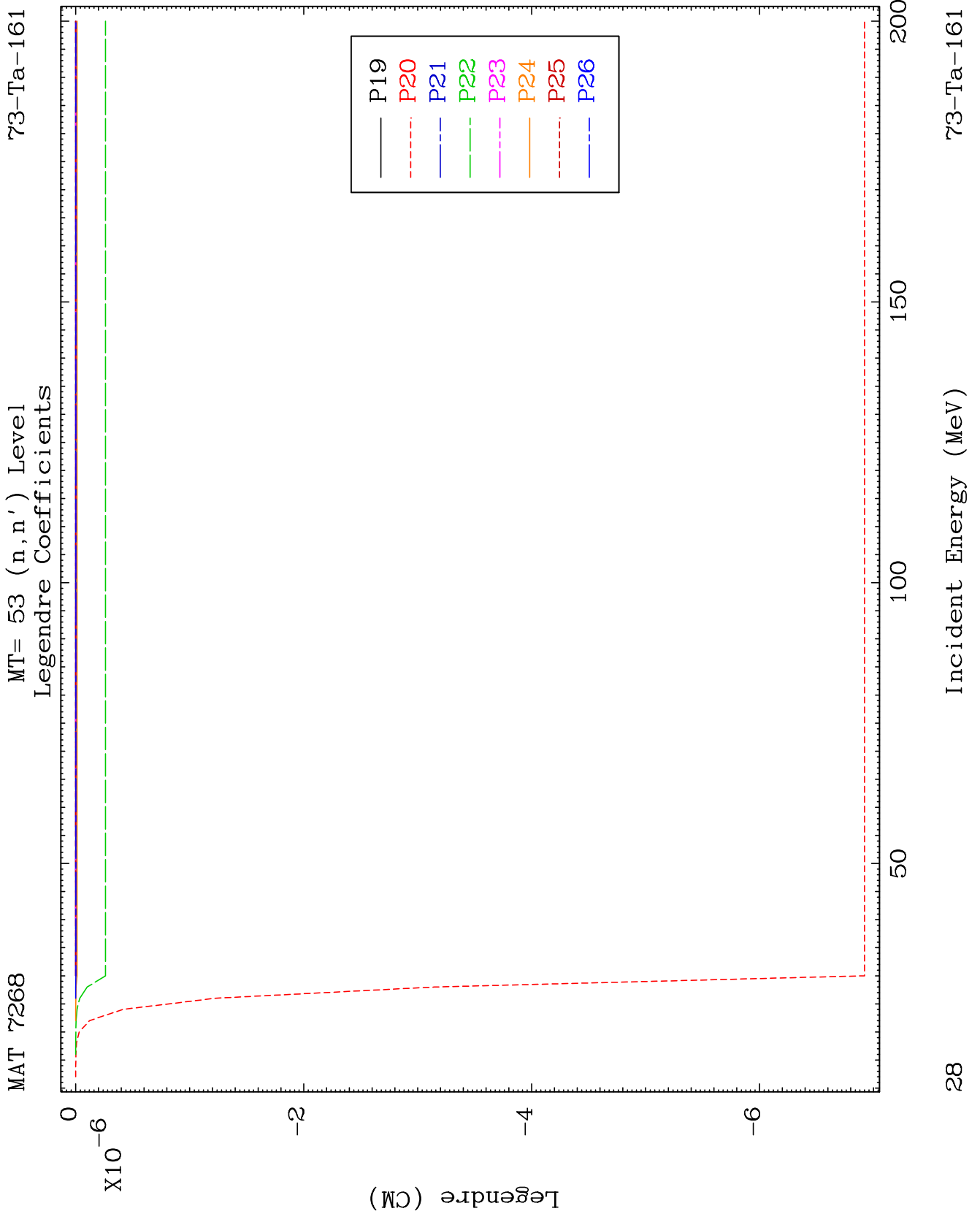
73-Ta-161

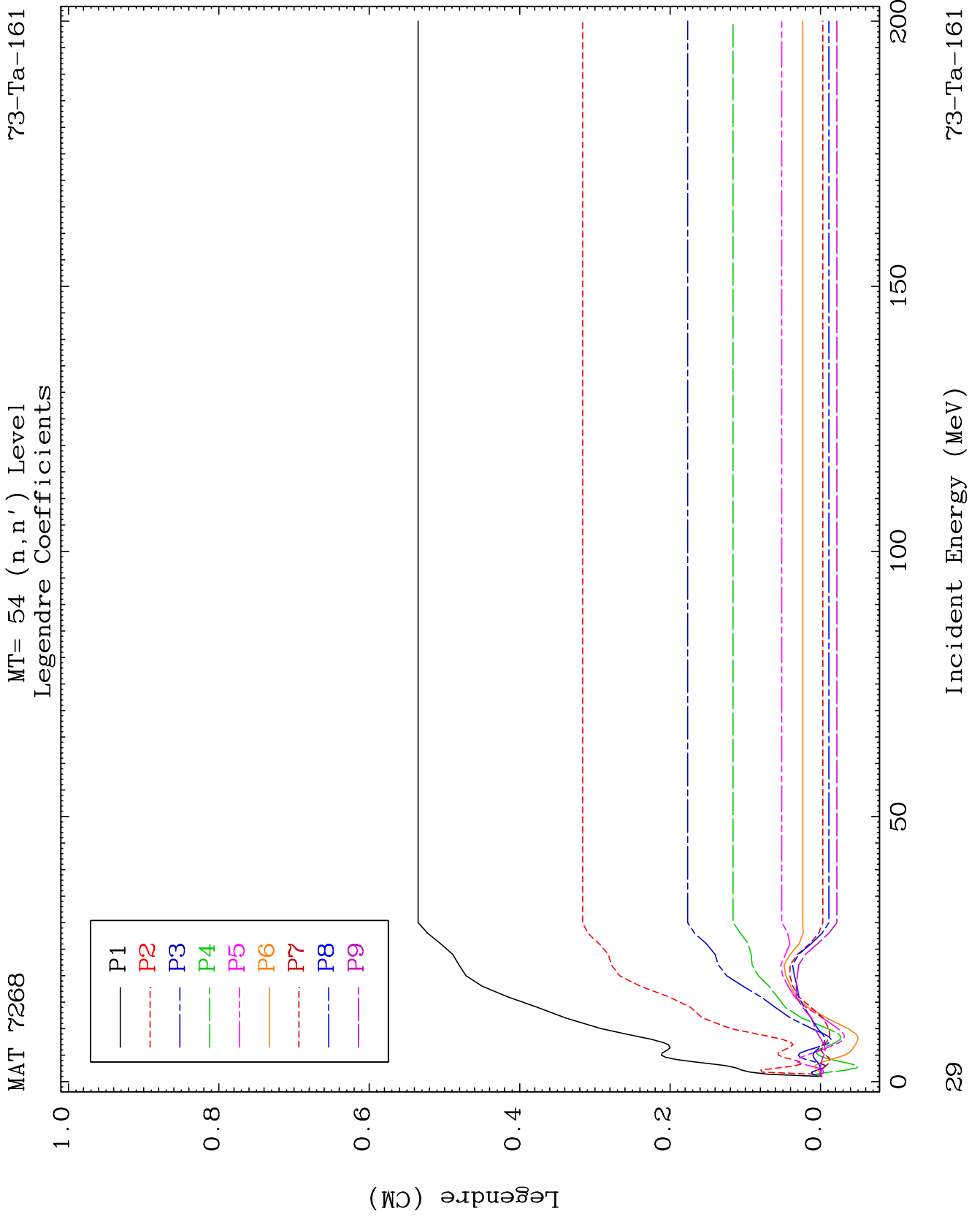


27

Incident Energy (MeV)

73-Ta-161

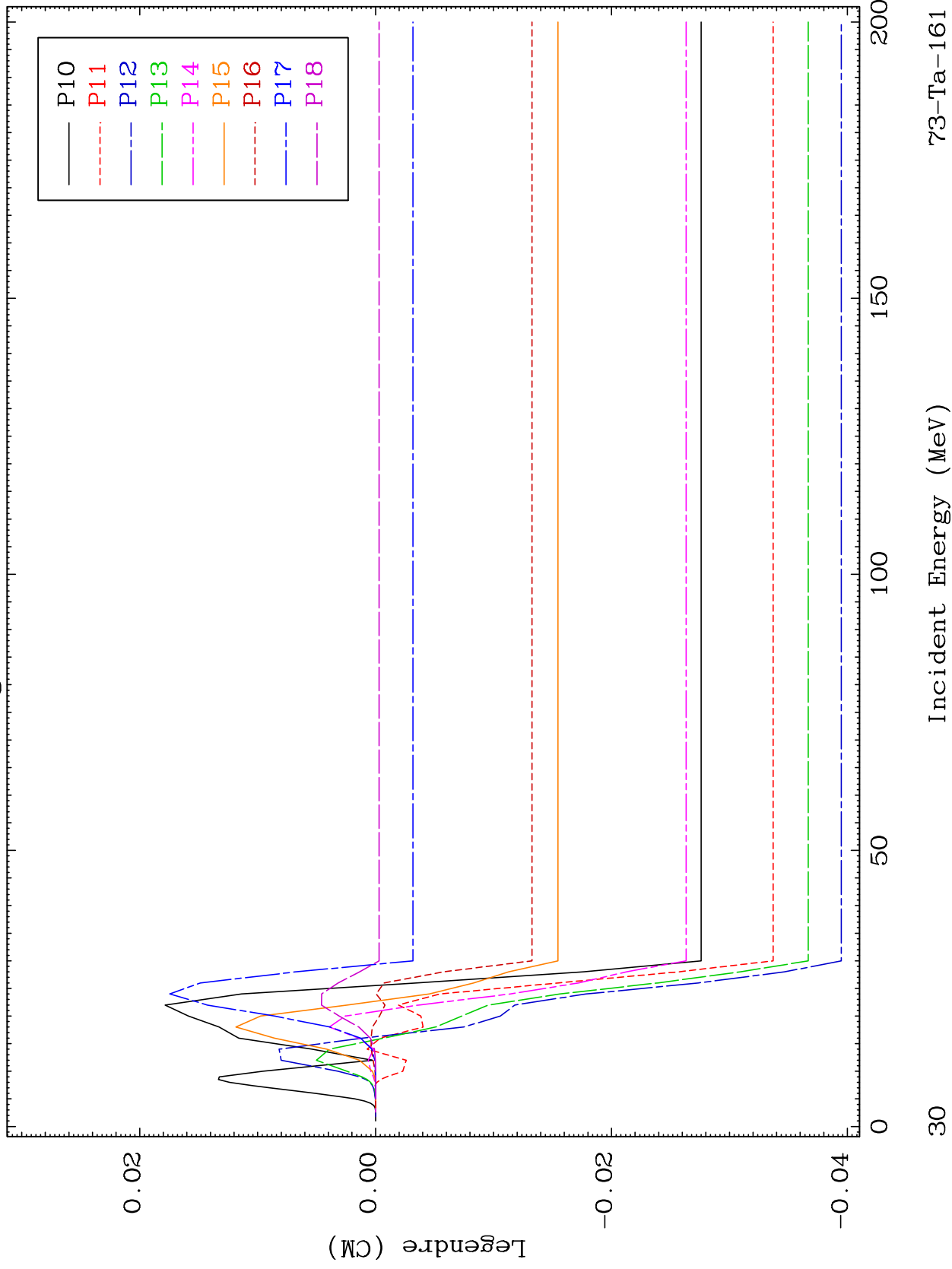




MAT 7268

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

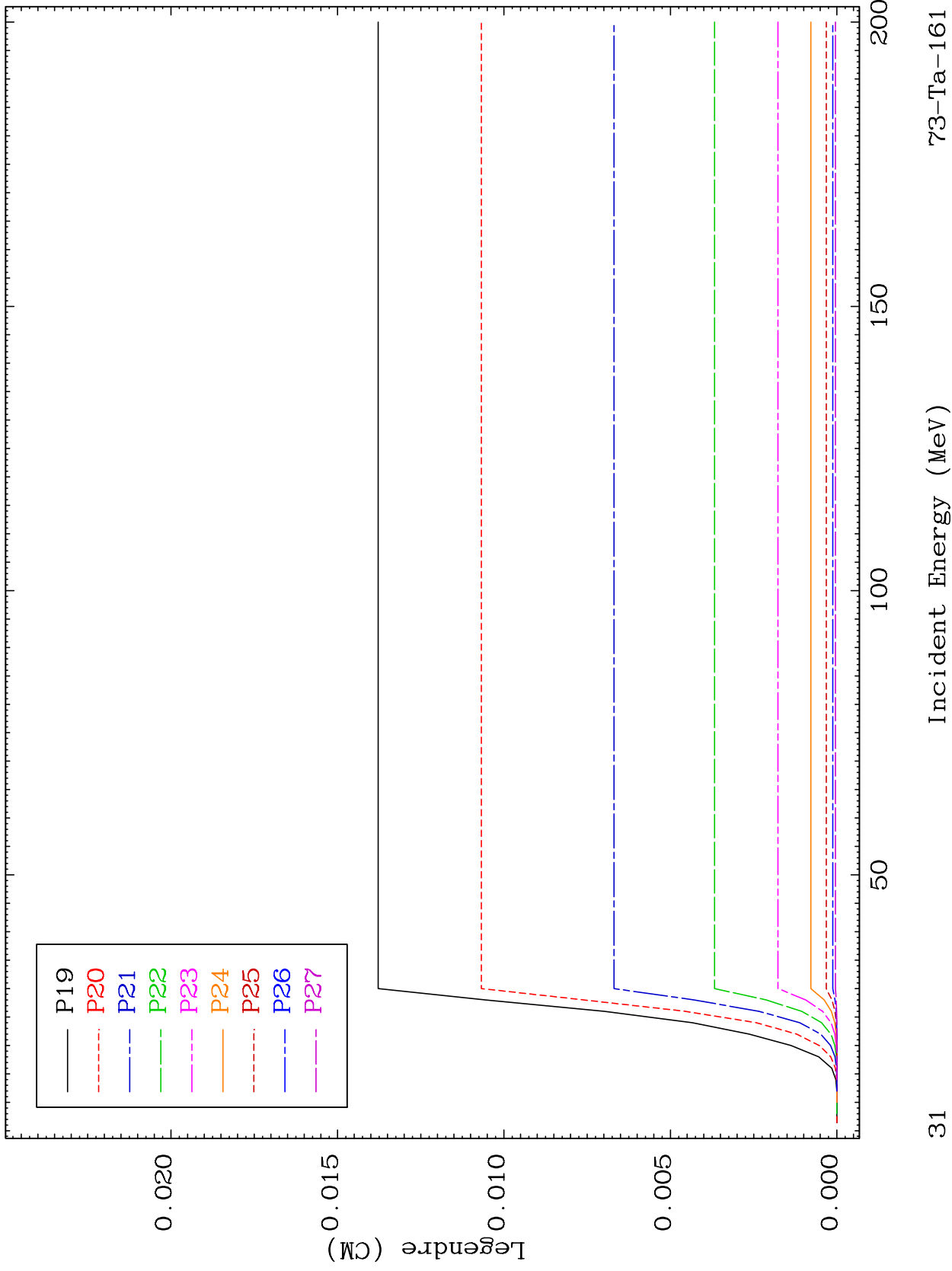
73-Ta-161



73-Ta-161

Incident Energy (MeV)

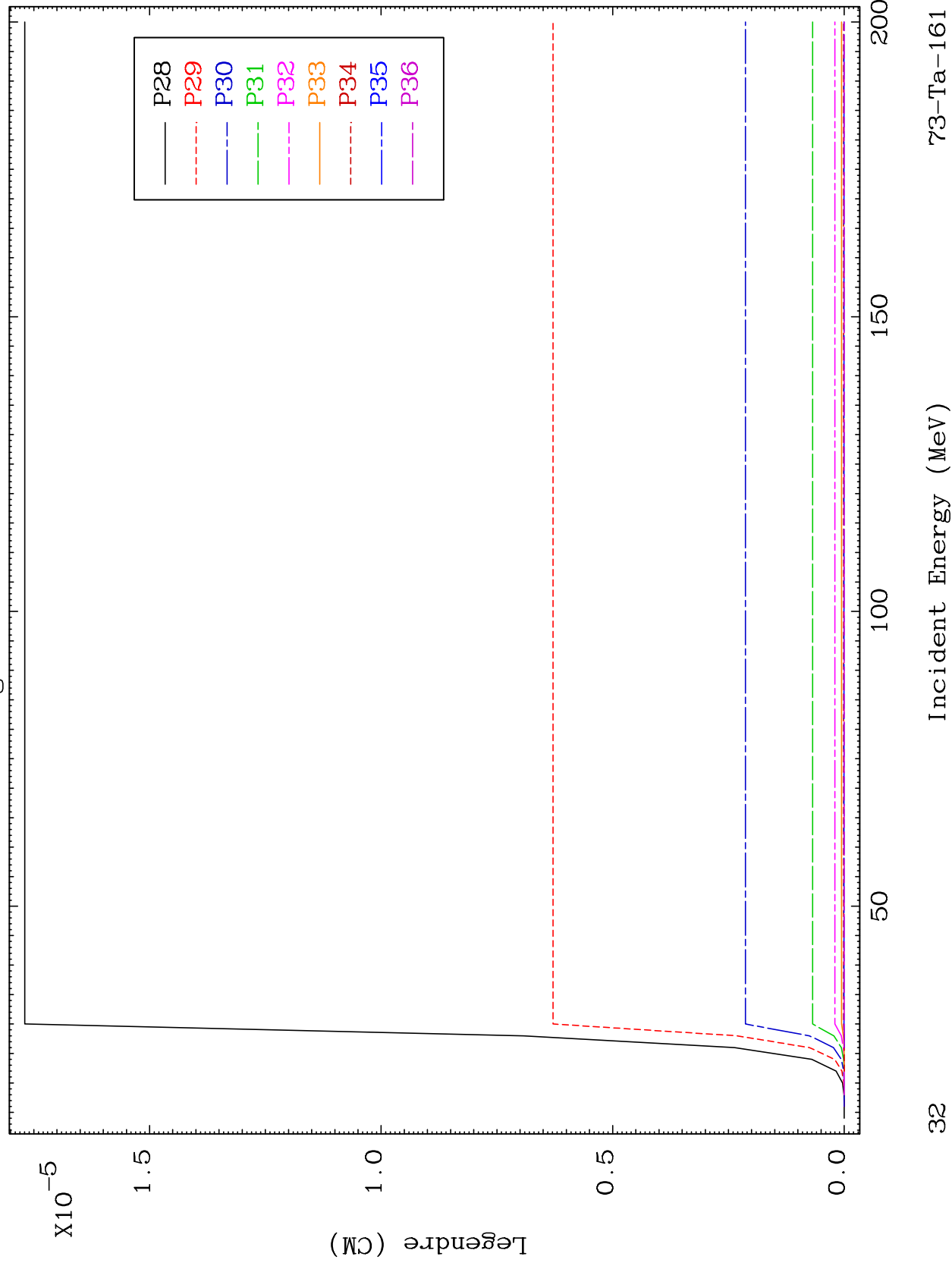
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MAT 7268

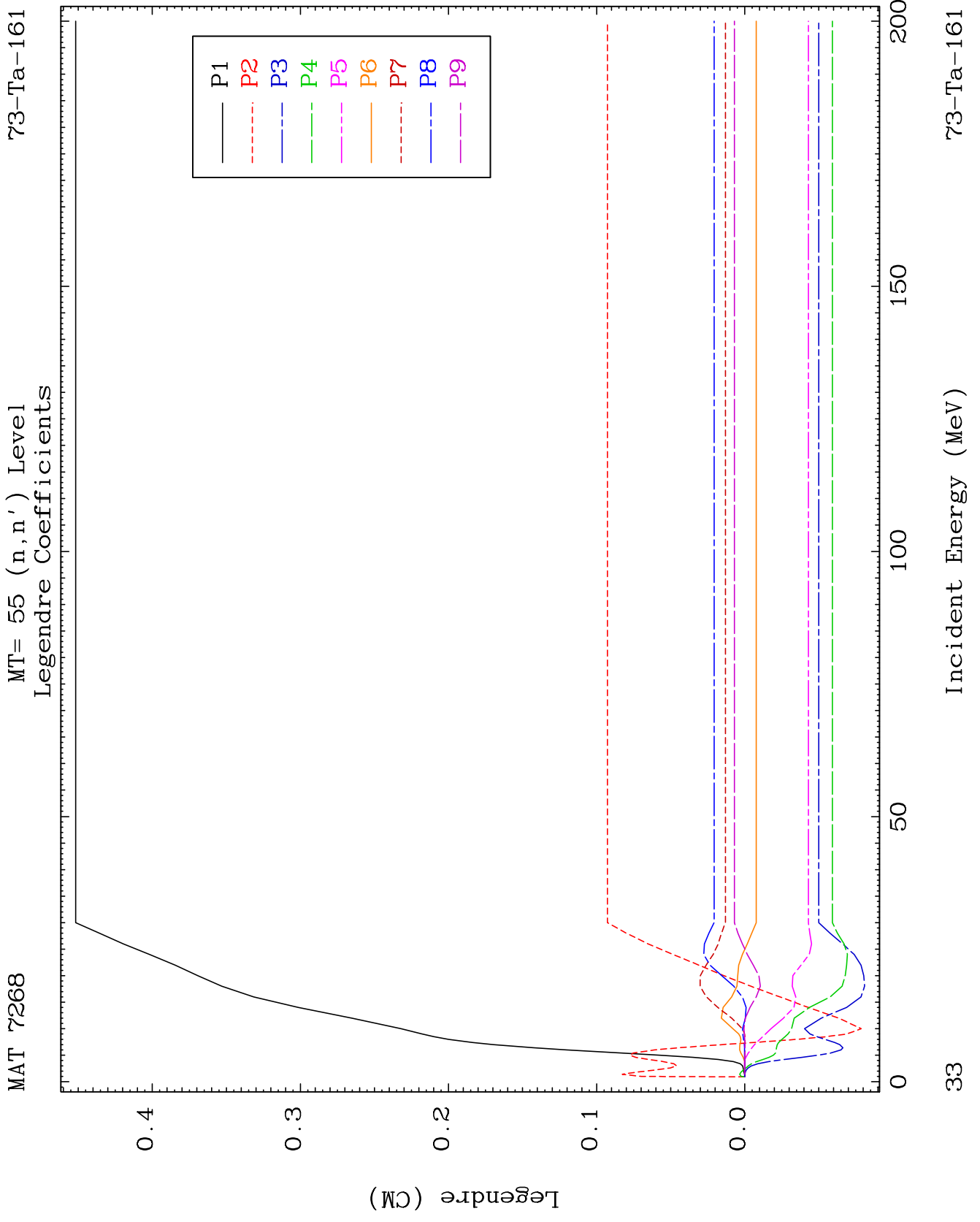
MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-161



32

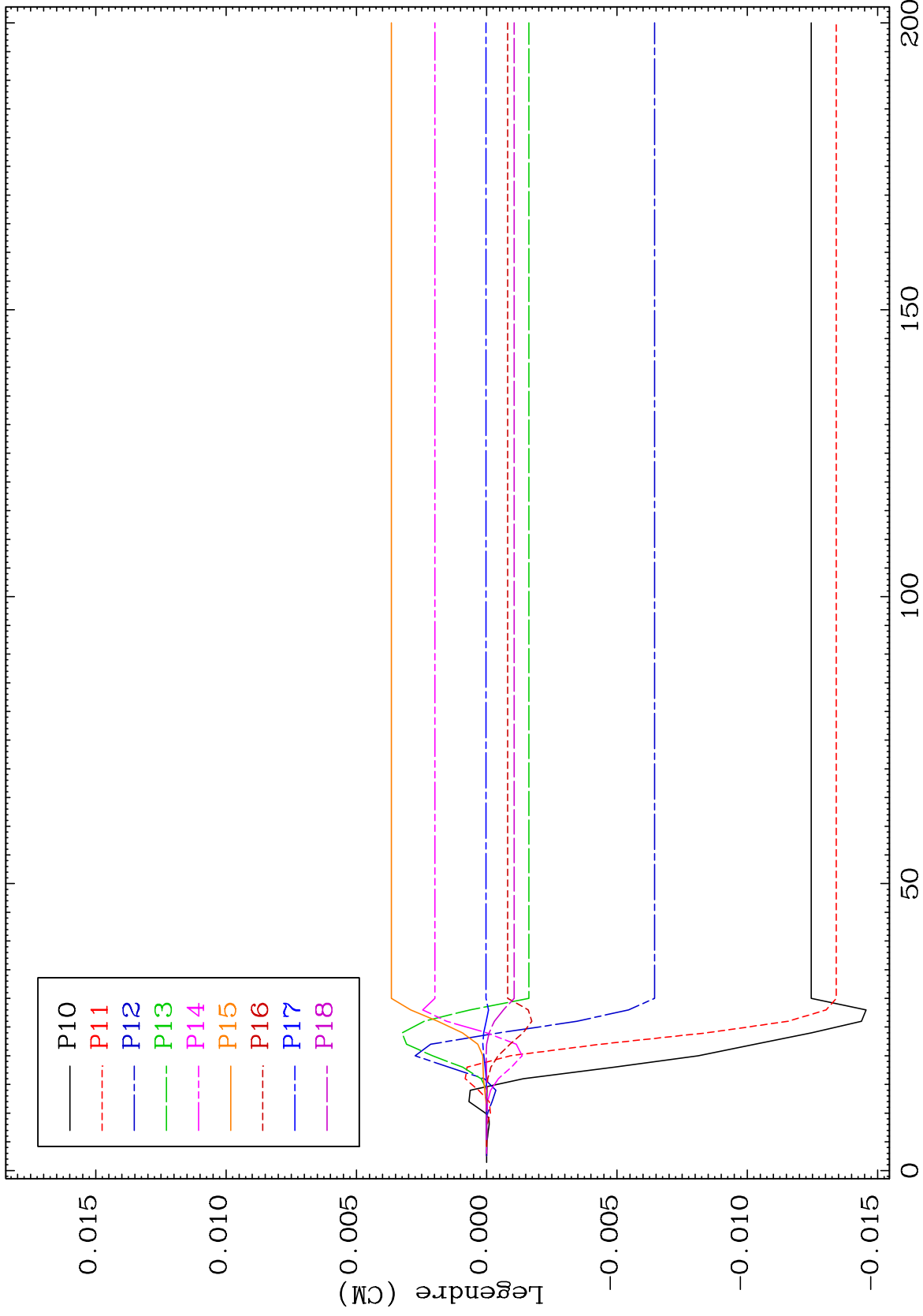
73-Ta-161



MAT 7268

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

73-Ta-161



34

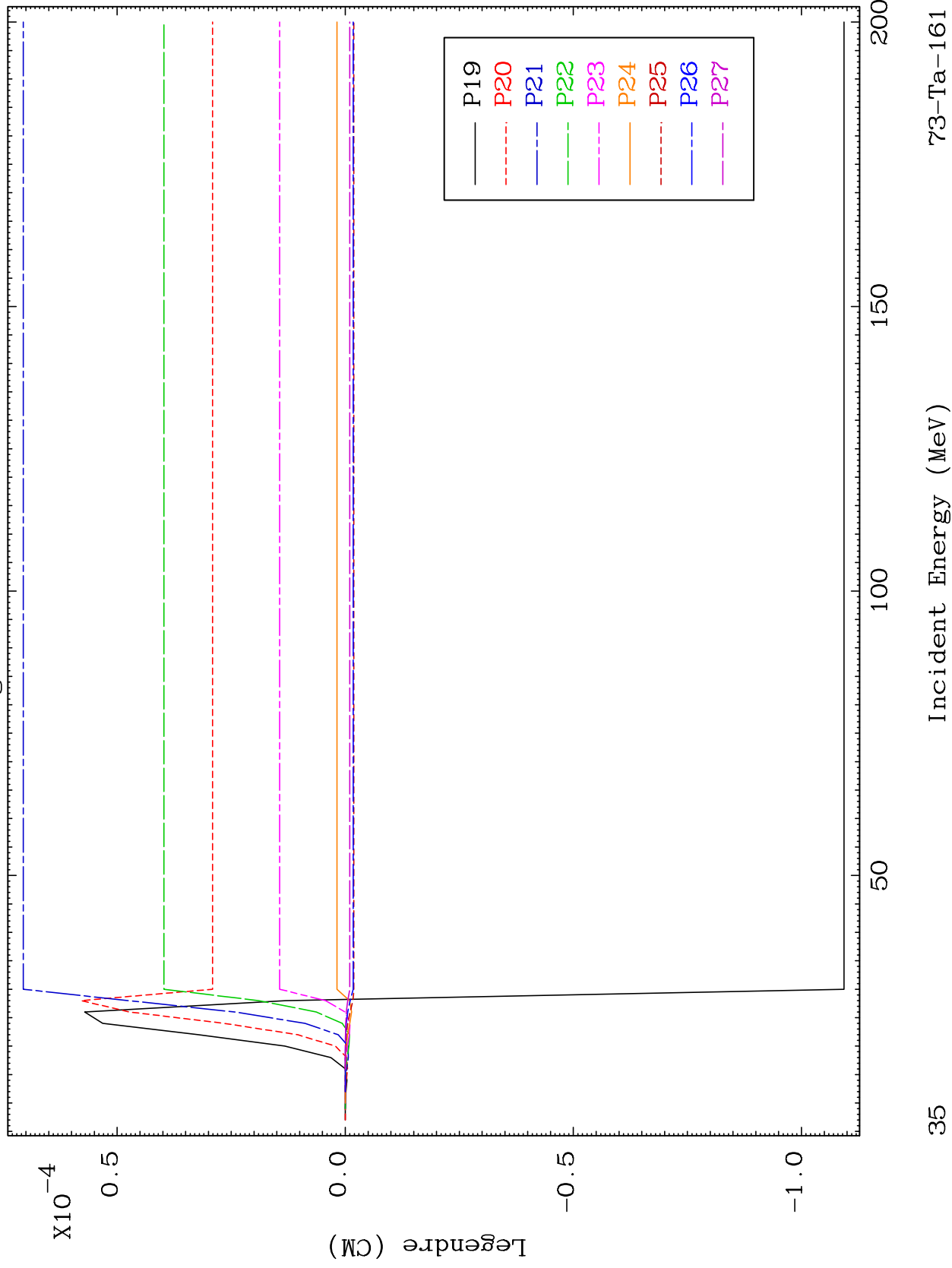
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

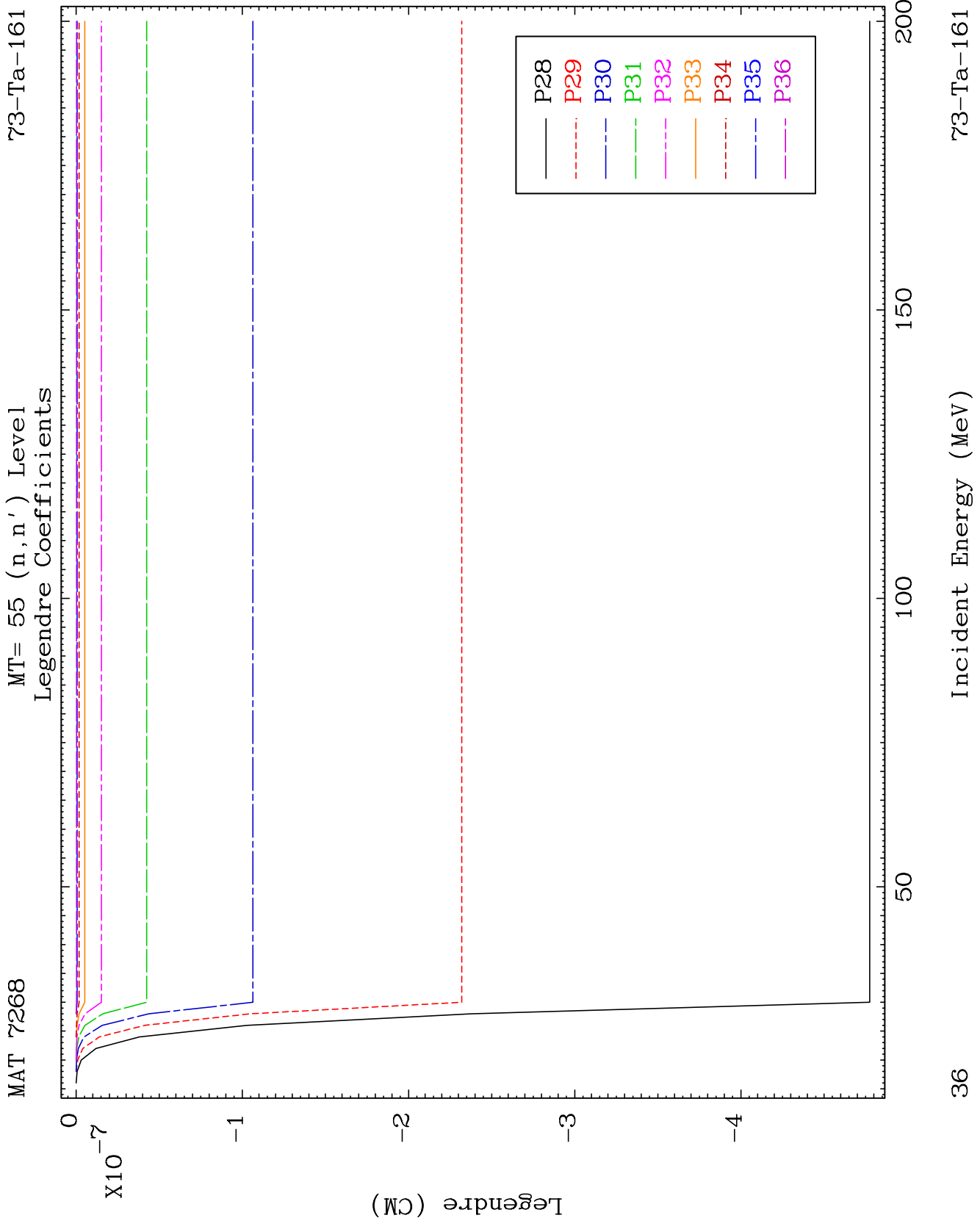
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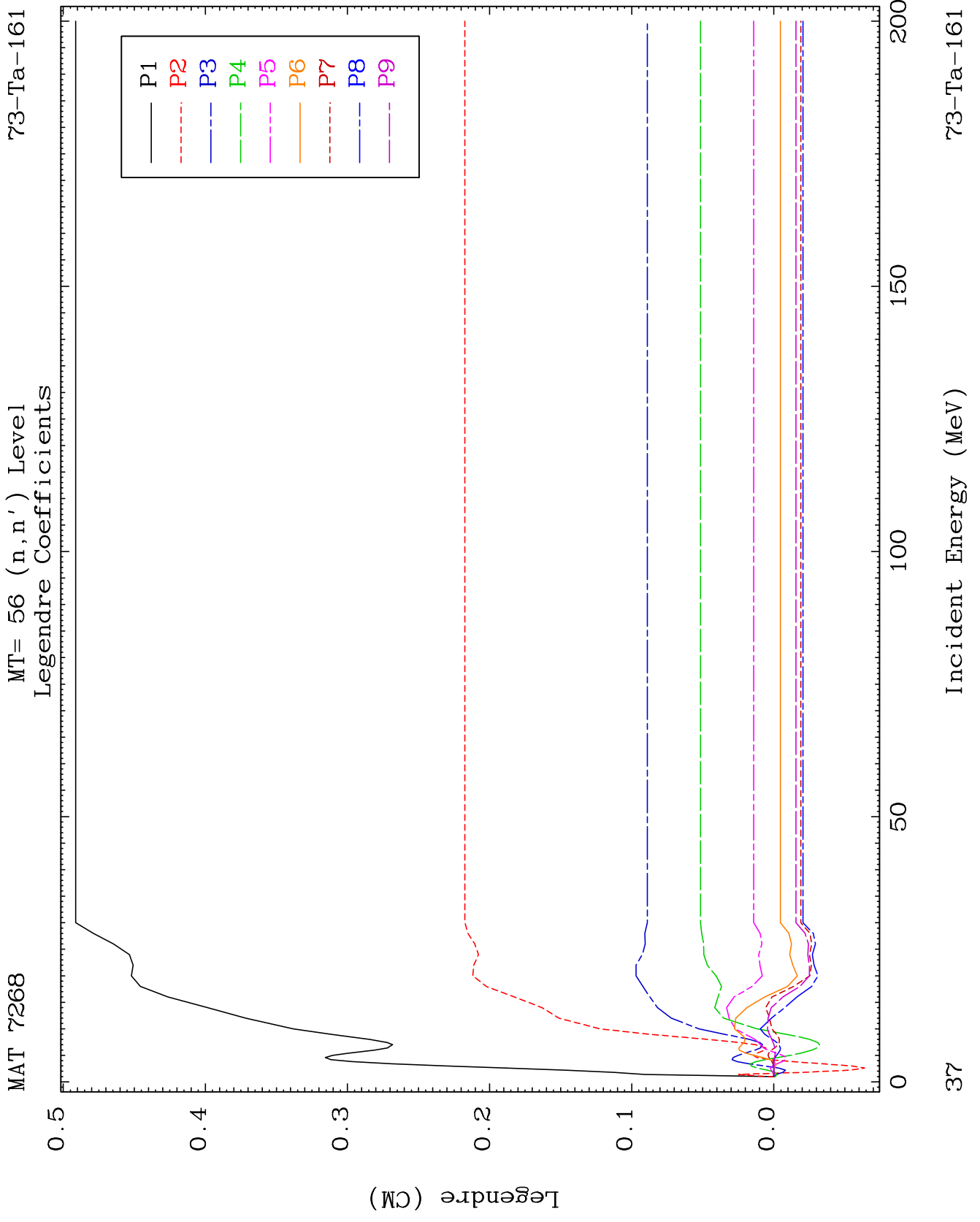


35

Incident Energy (MeV)

73-Ta-161

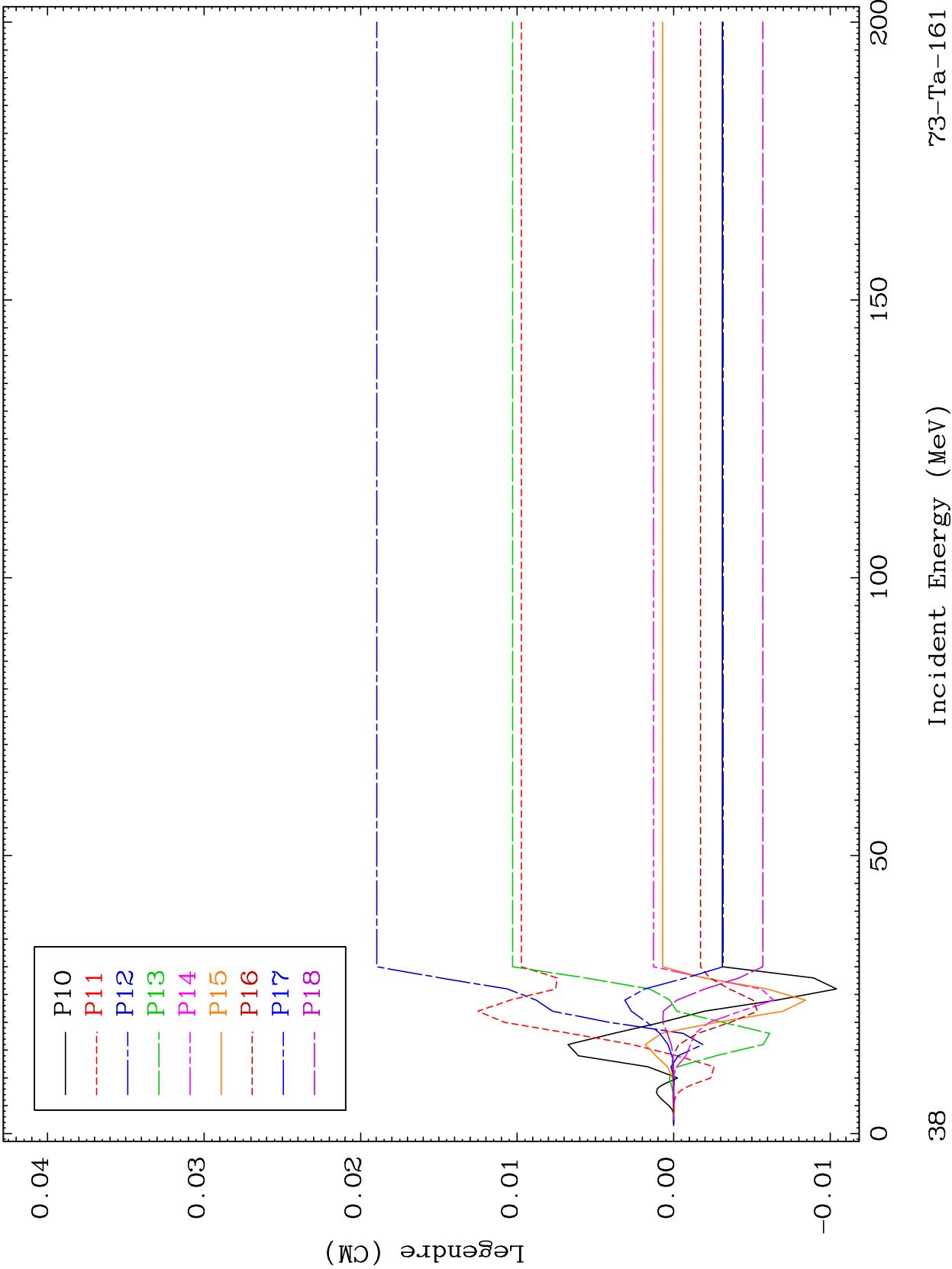




MAT 7268

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

73-Ta-161



38

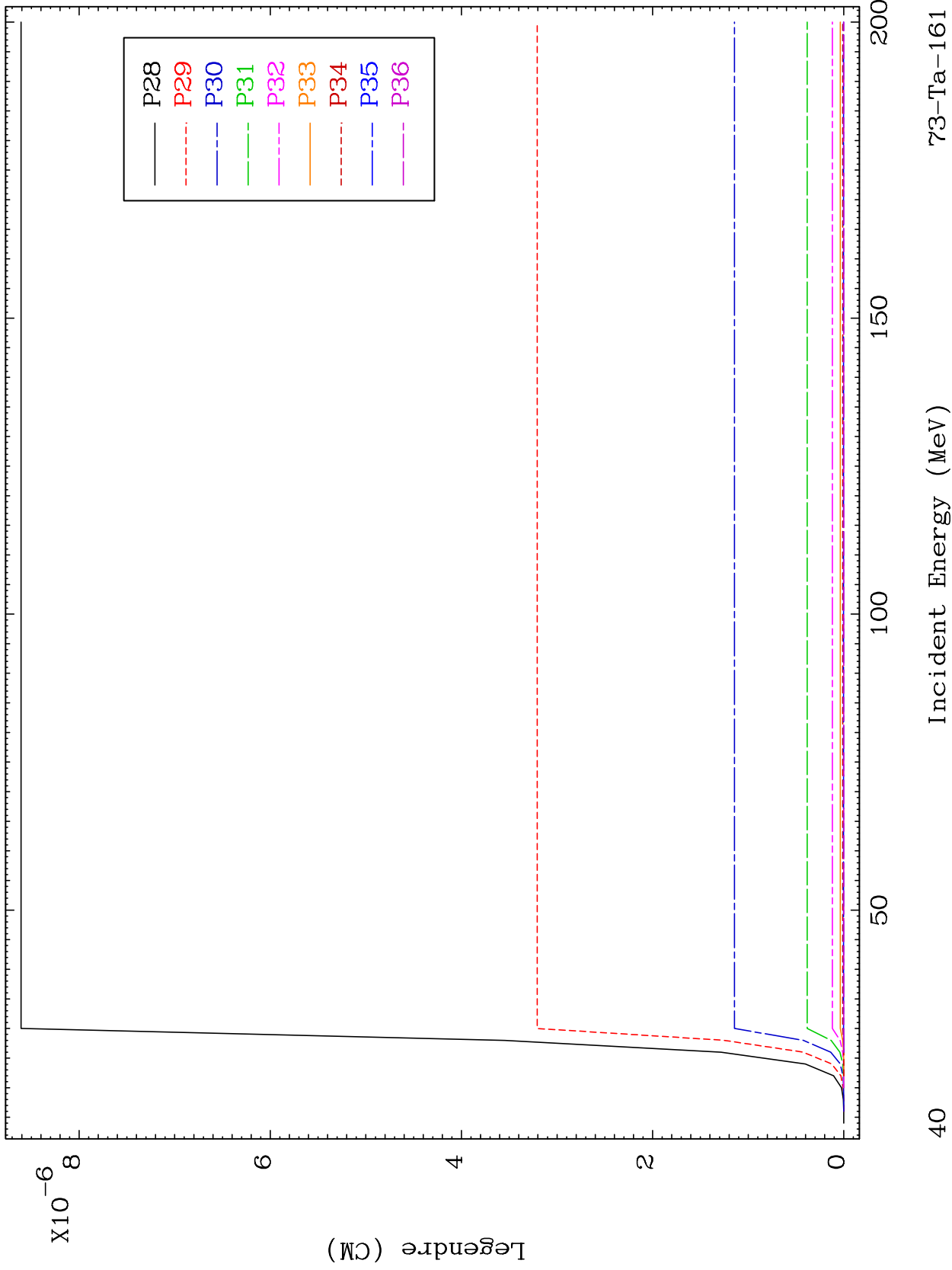
Incident Energy (MeV)

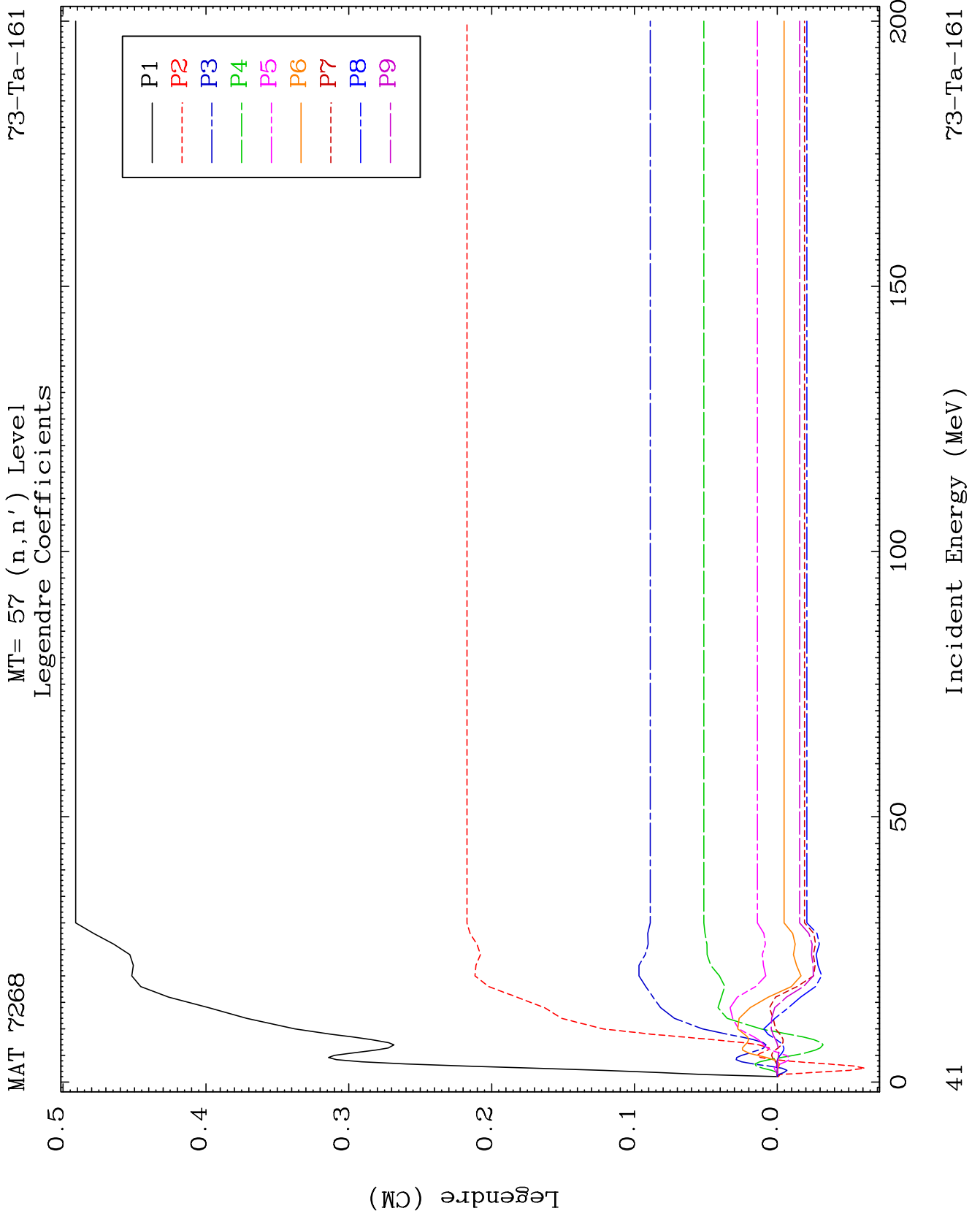
73-Ta-161

MAT 7268

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

73-Ta-161

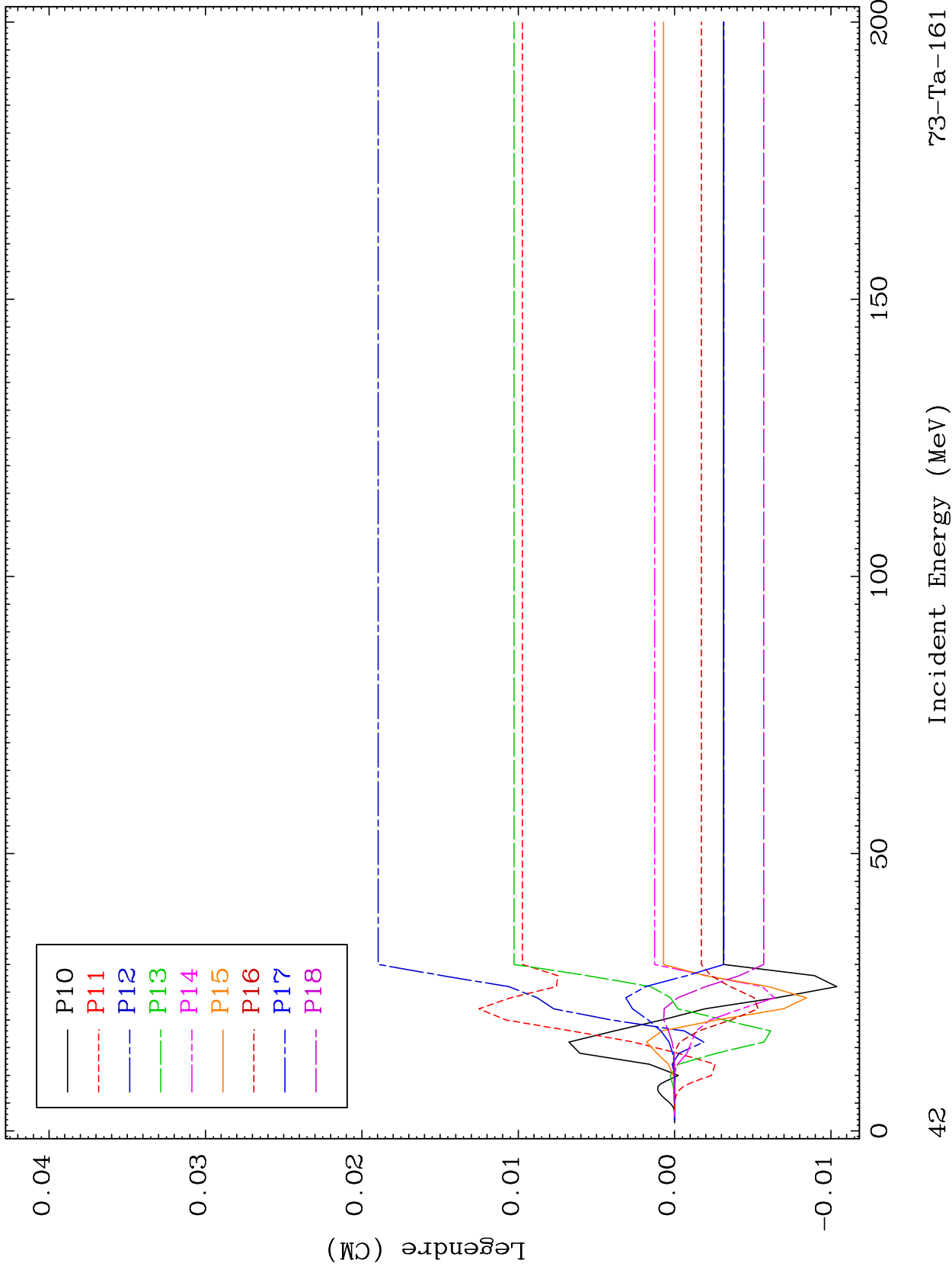




MAT 7268

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

73-Ta-161



42

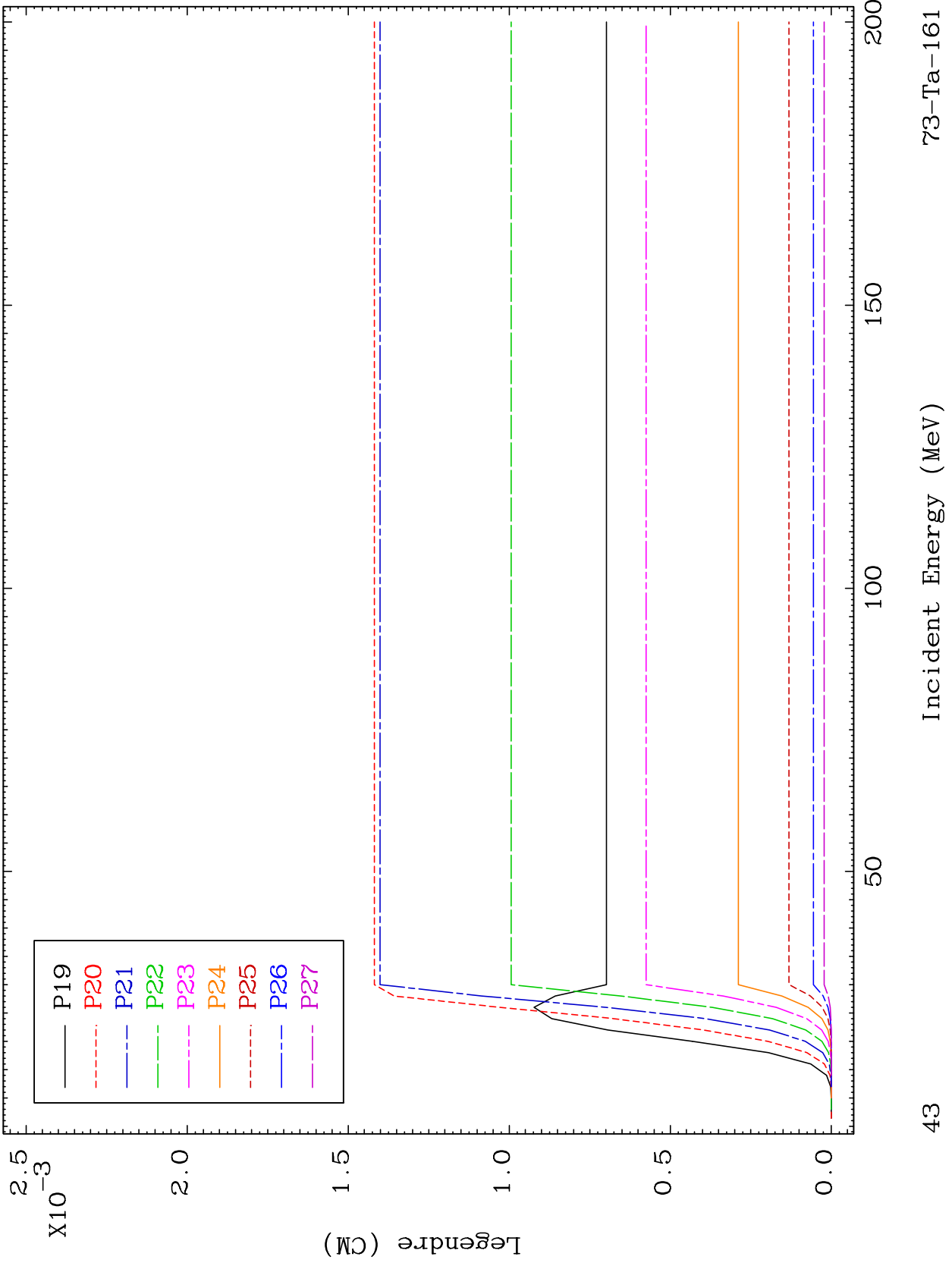
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

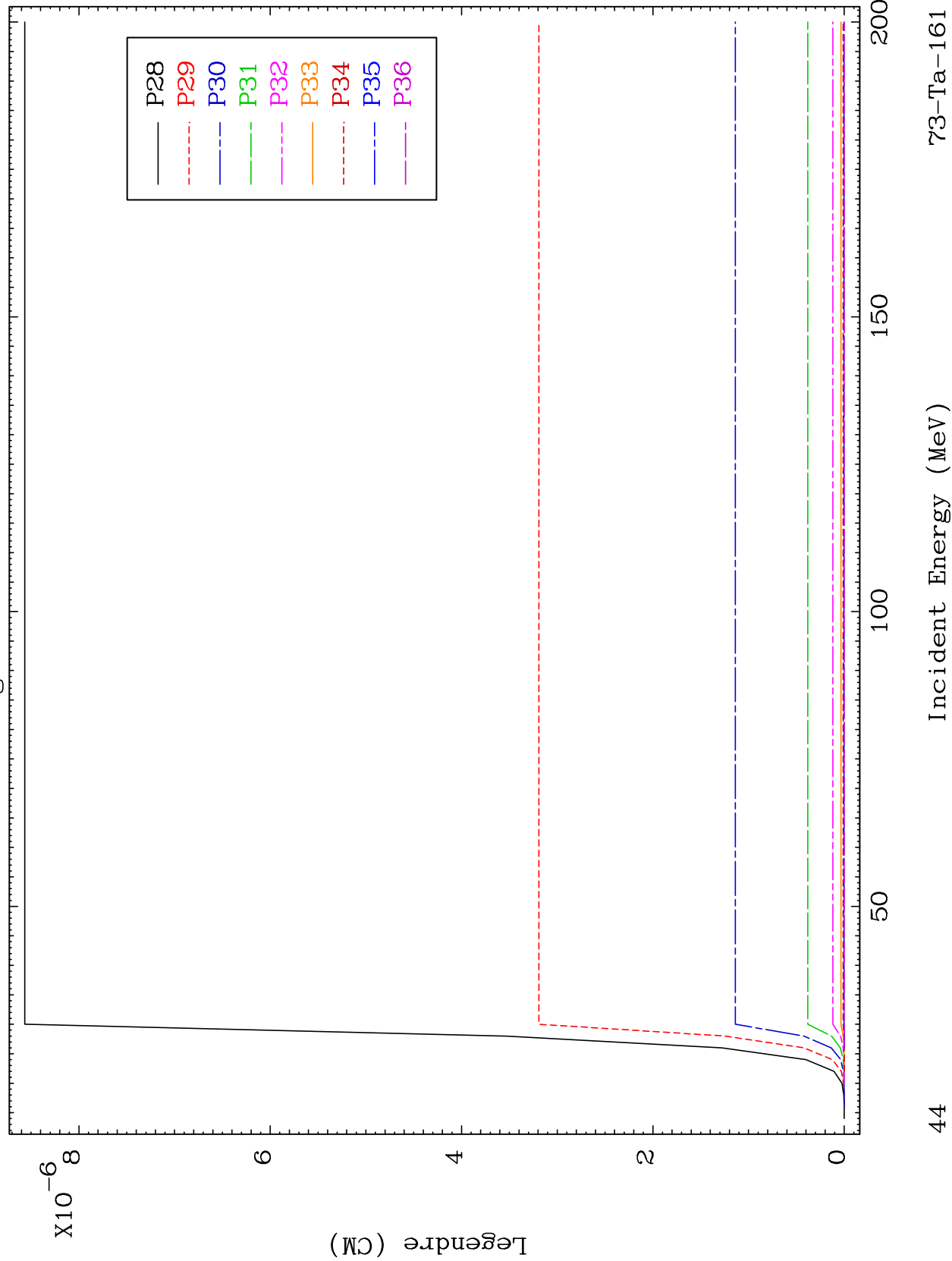
73-Ta-161



MAT 7268

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

73-Ta-161



44

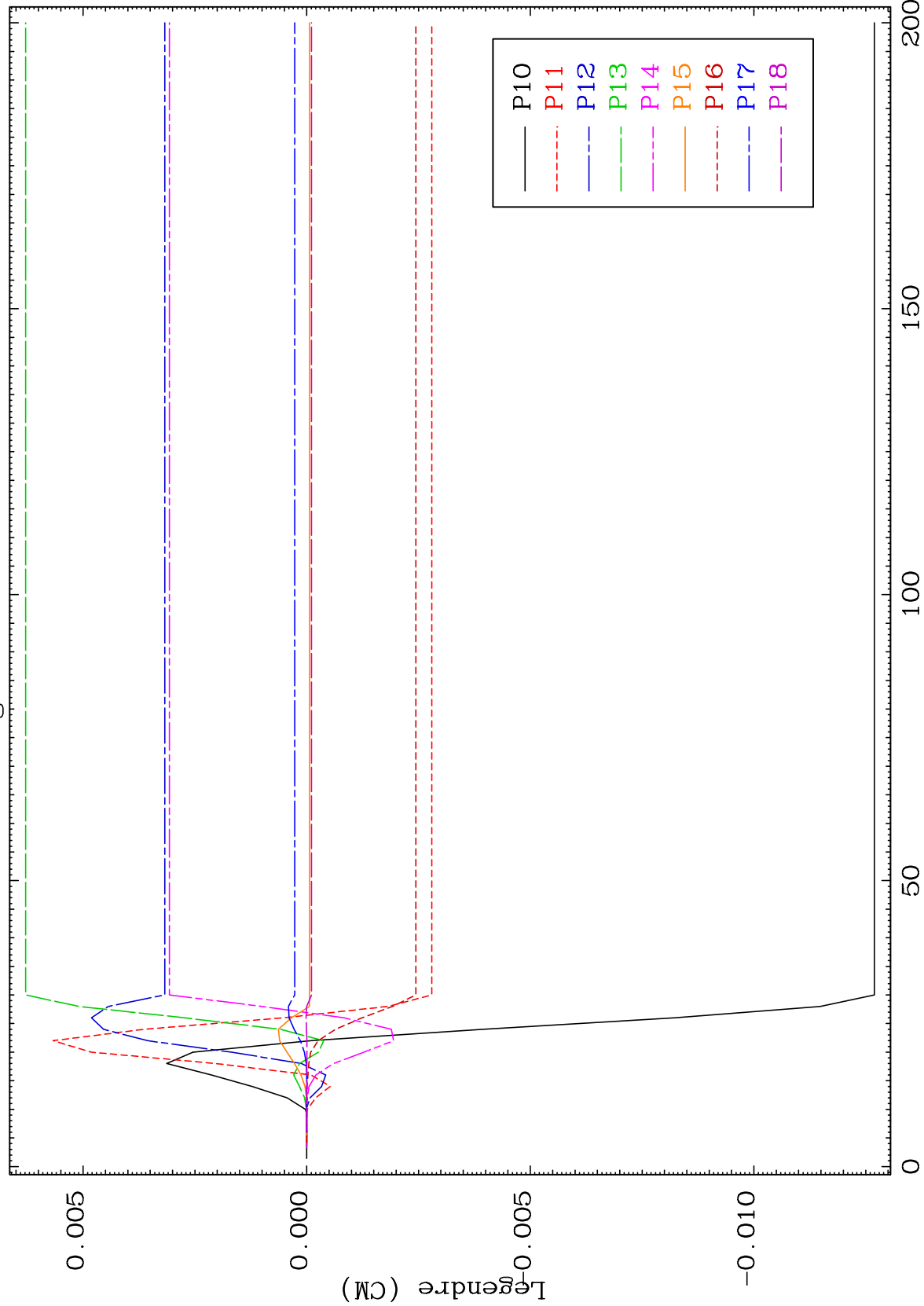
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



46

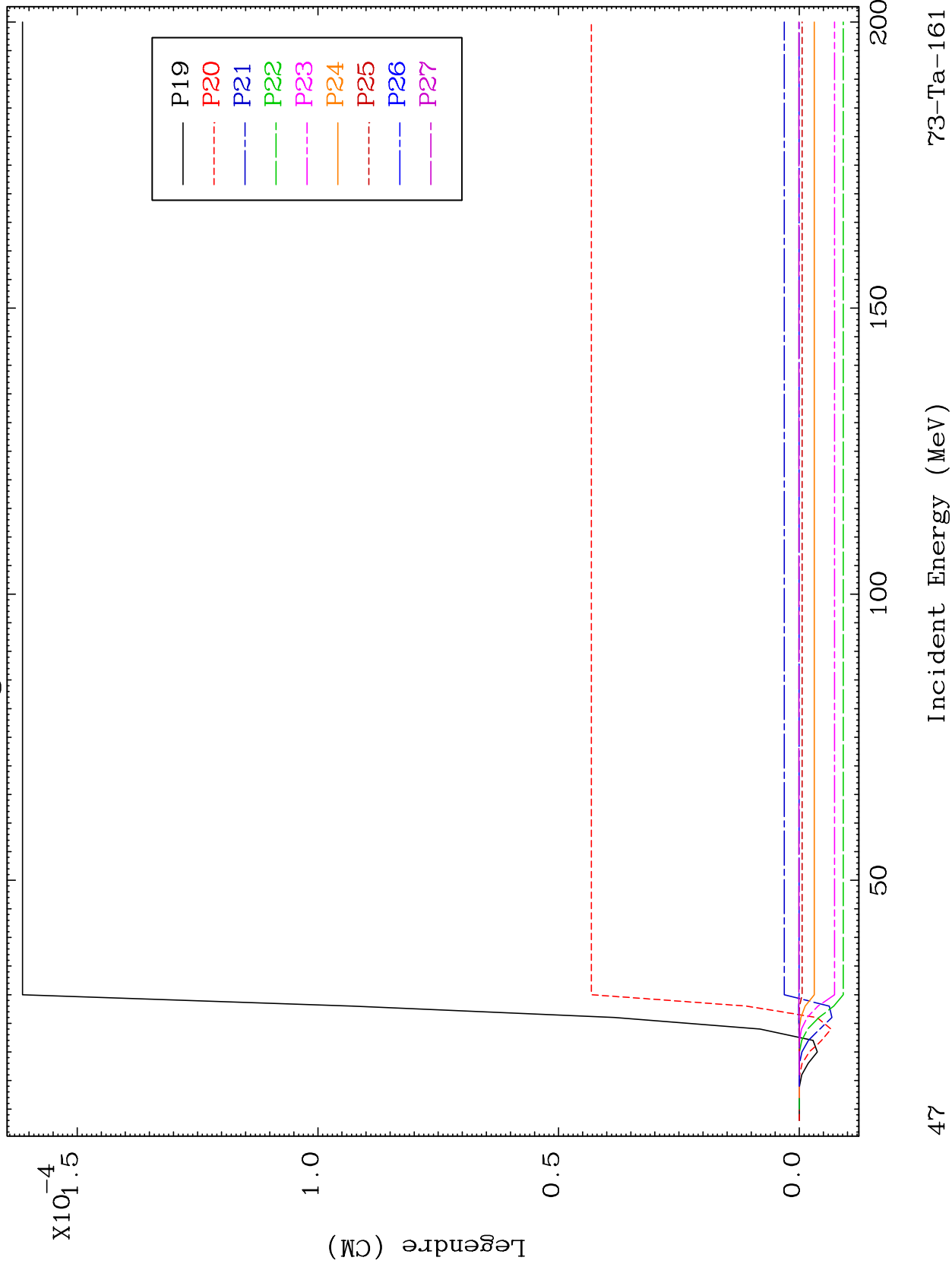
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

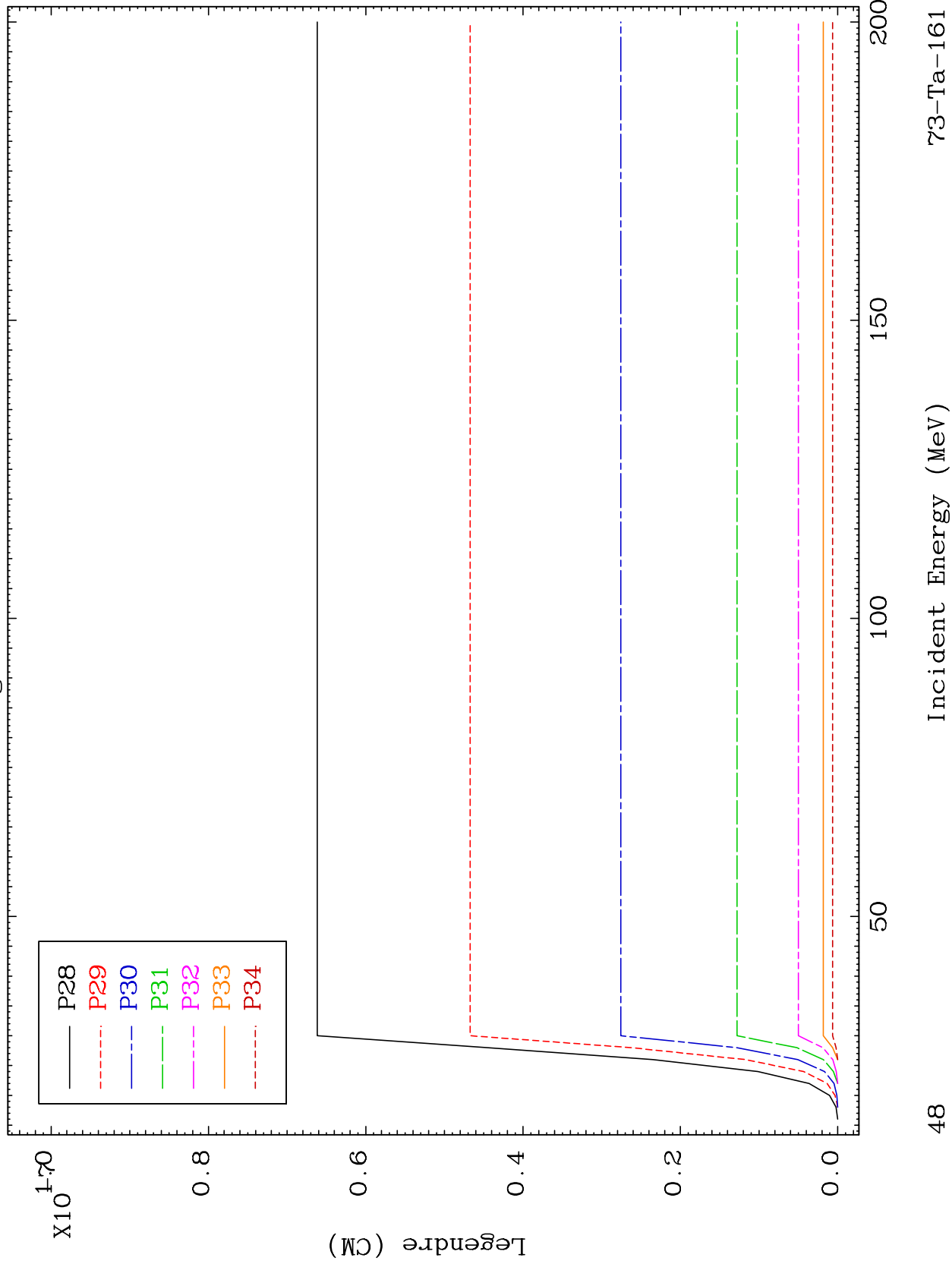
73-Ta-161



MAT 7268

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

73-Ta-161

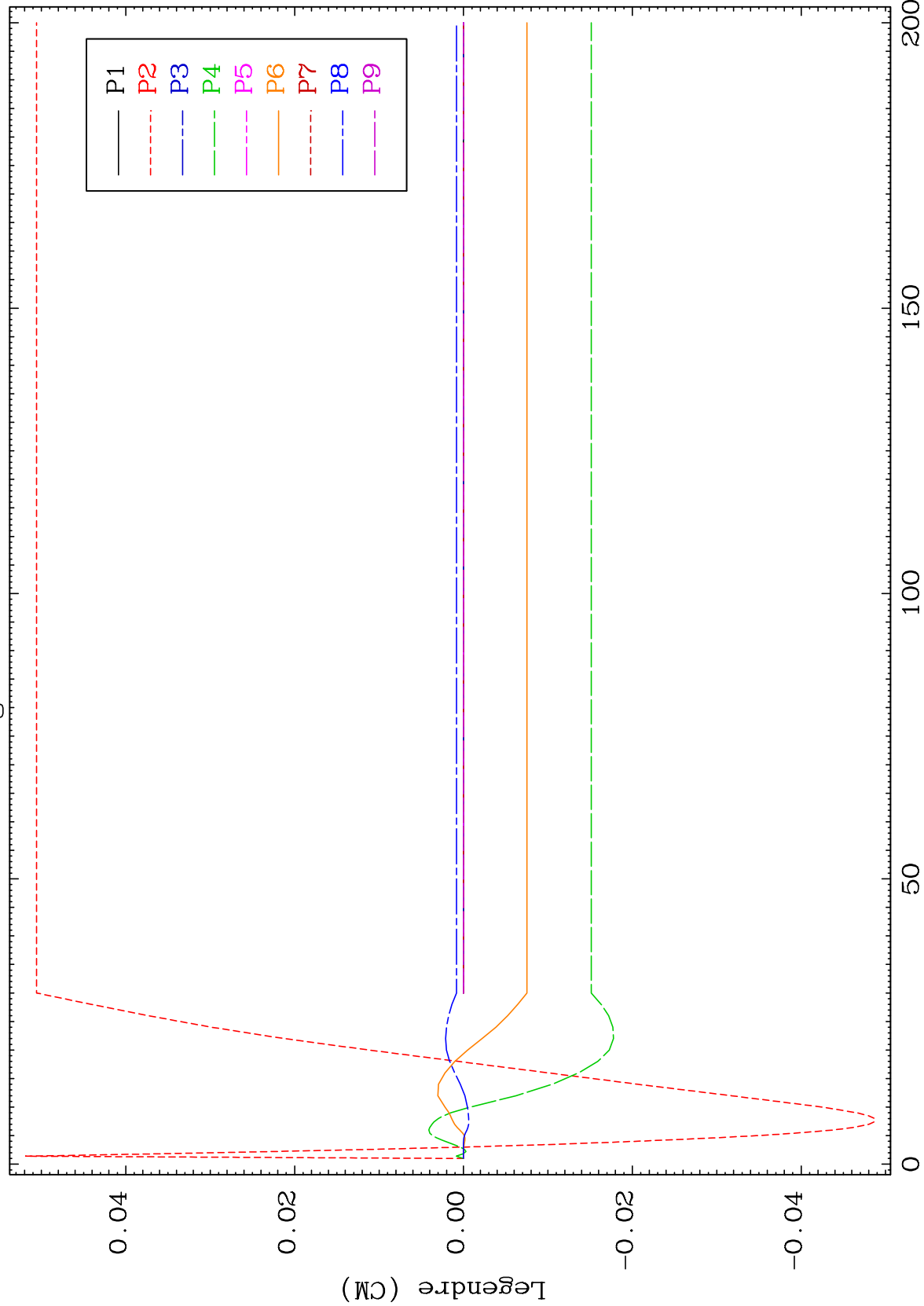


48

MAT 7268

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

73-Ta-161



49

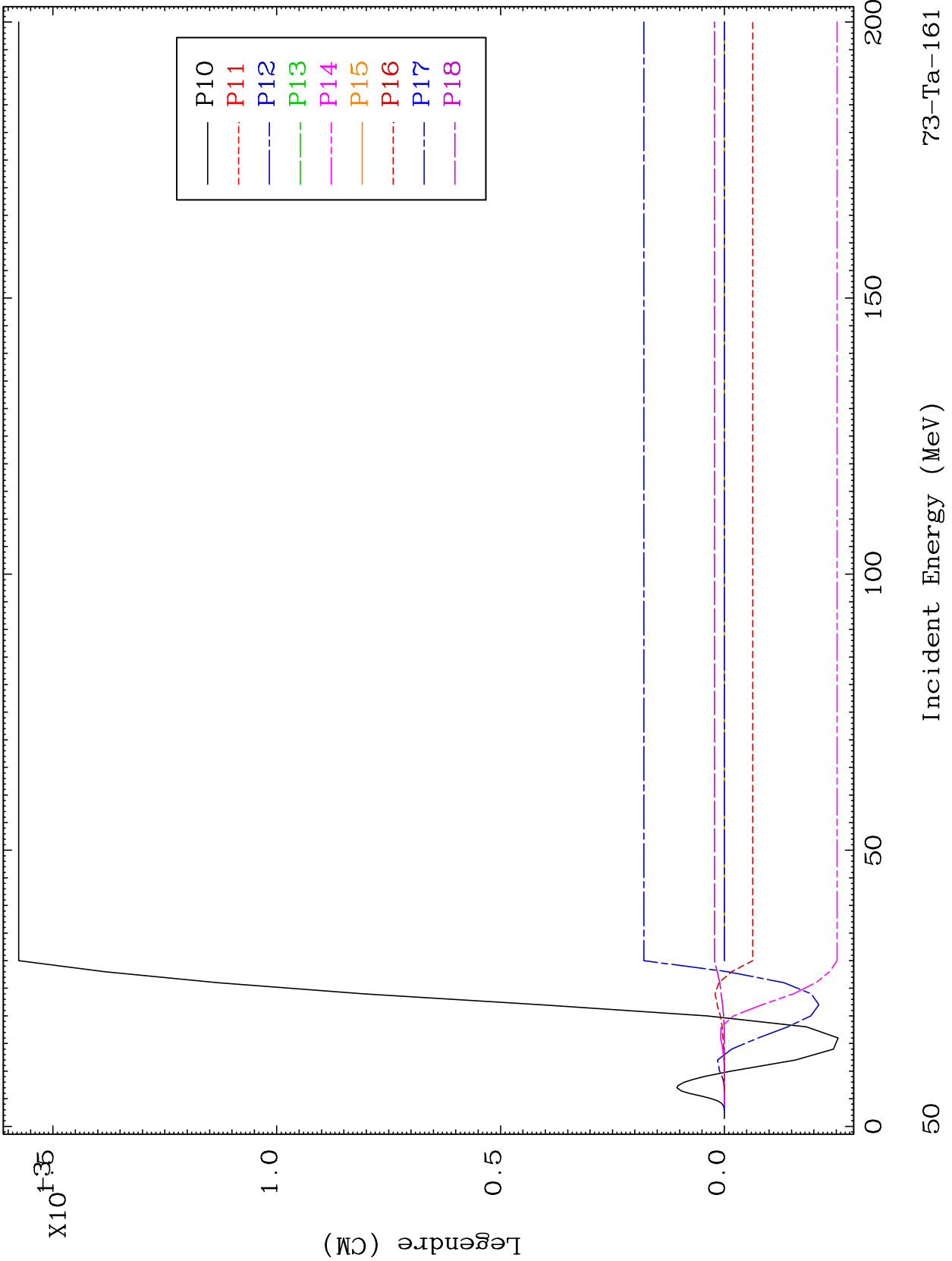
Incident Energy (MeV)

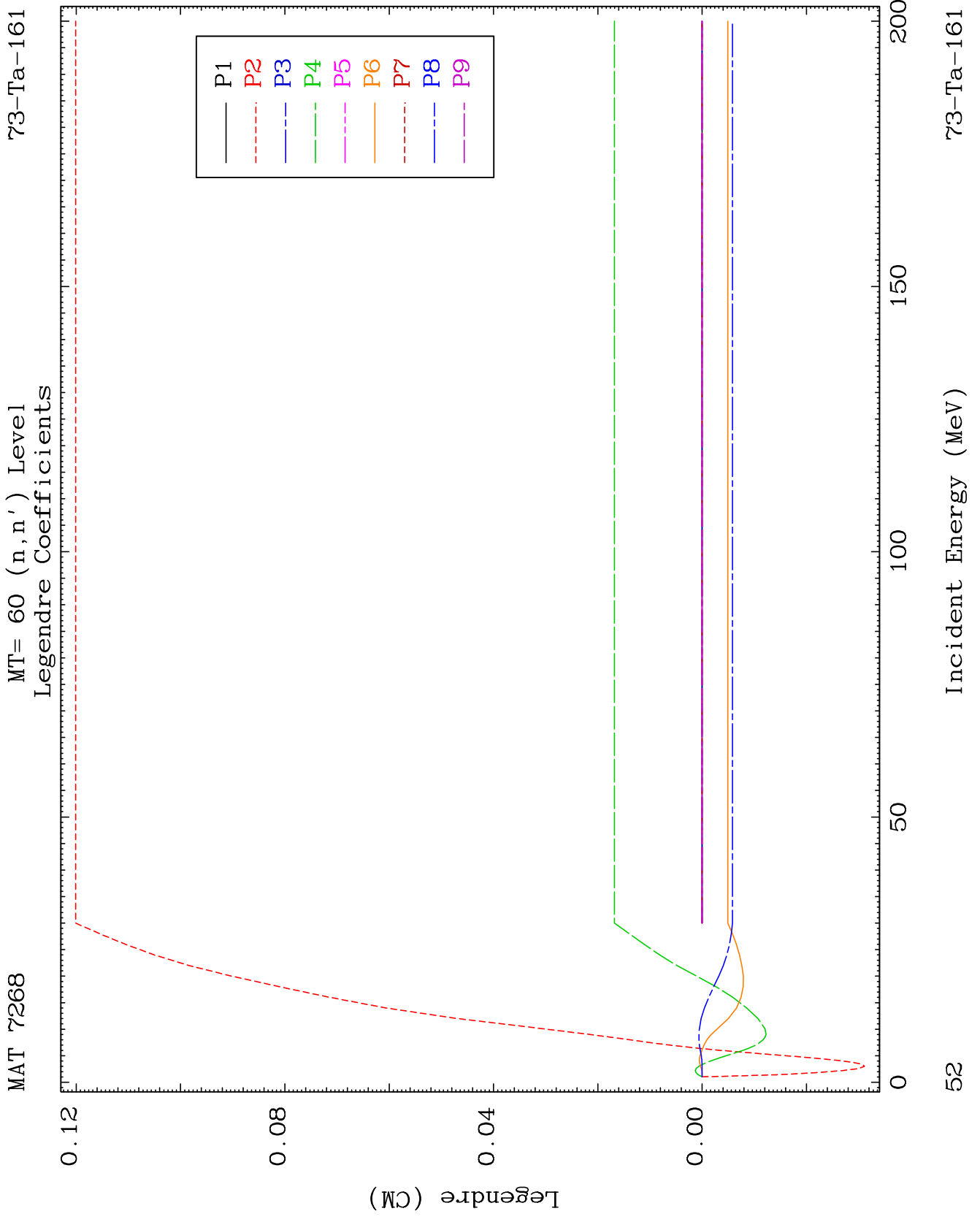
73-Ta-161

MAT 7268

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

73-Ta-161

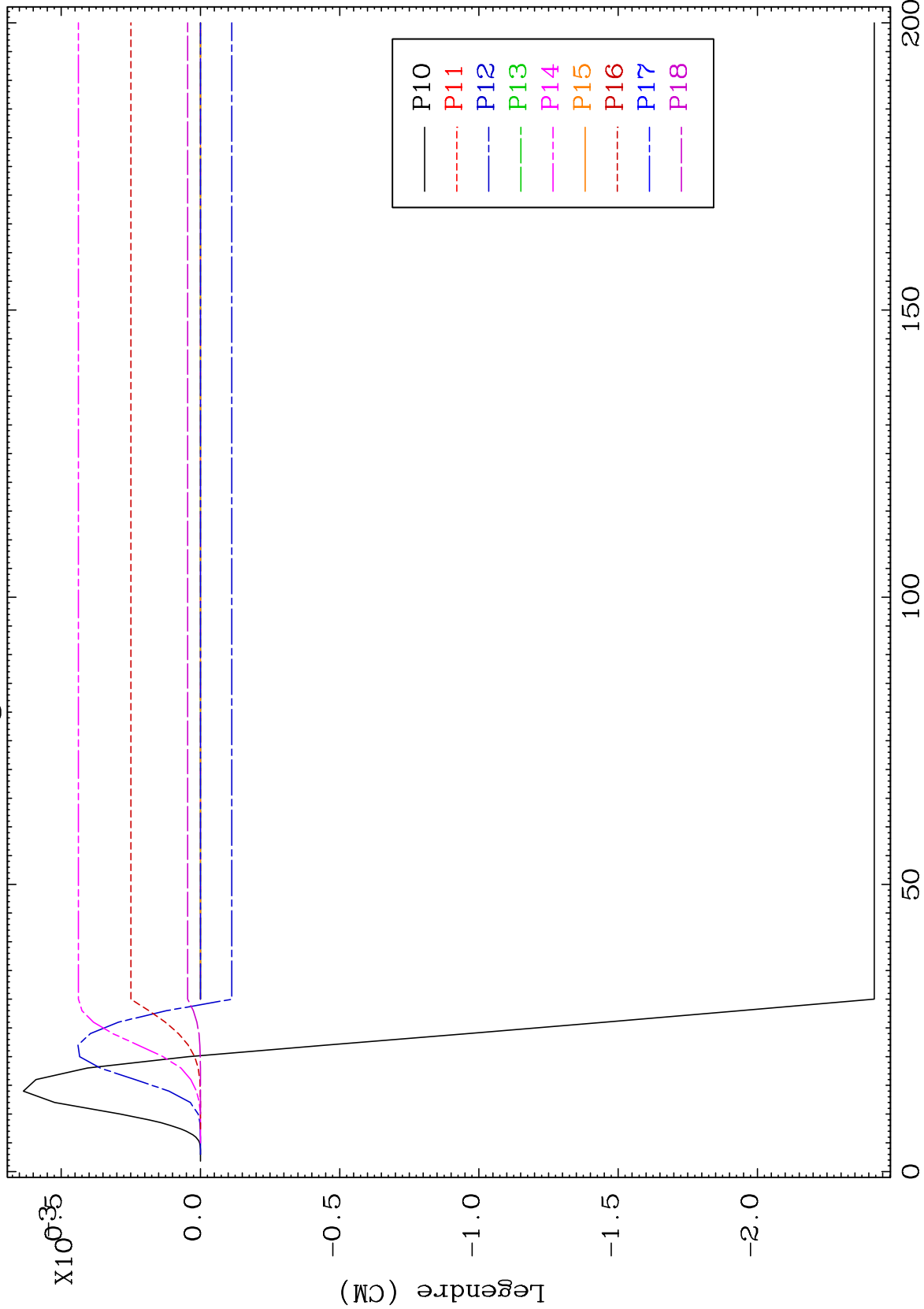




MAT 7268

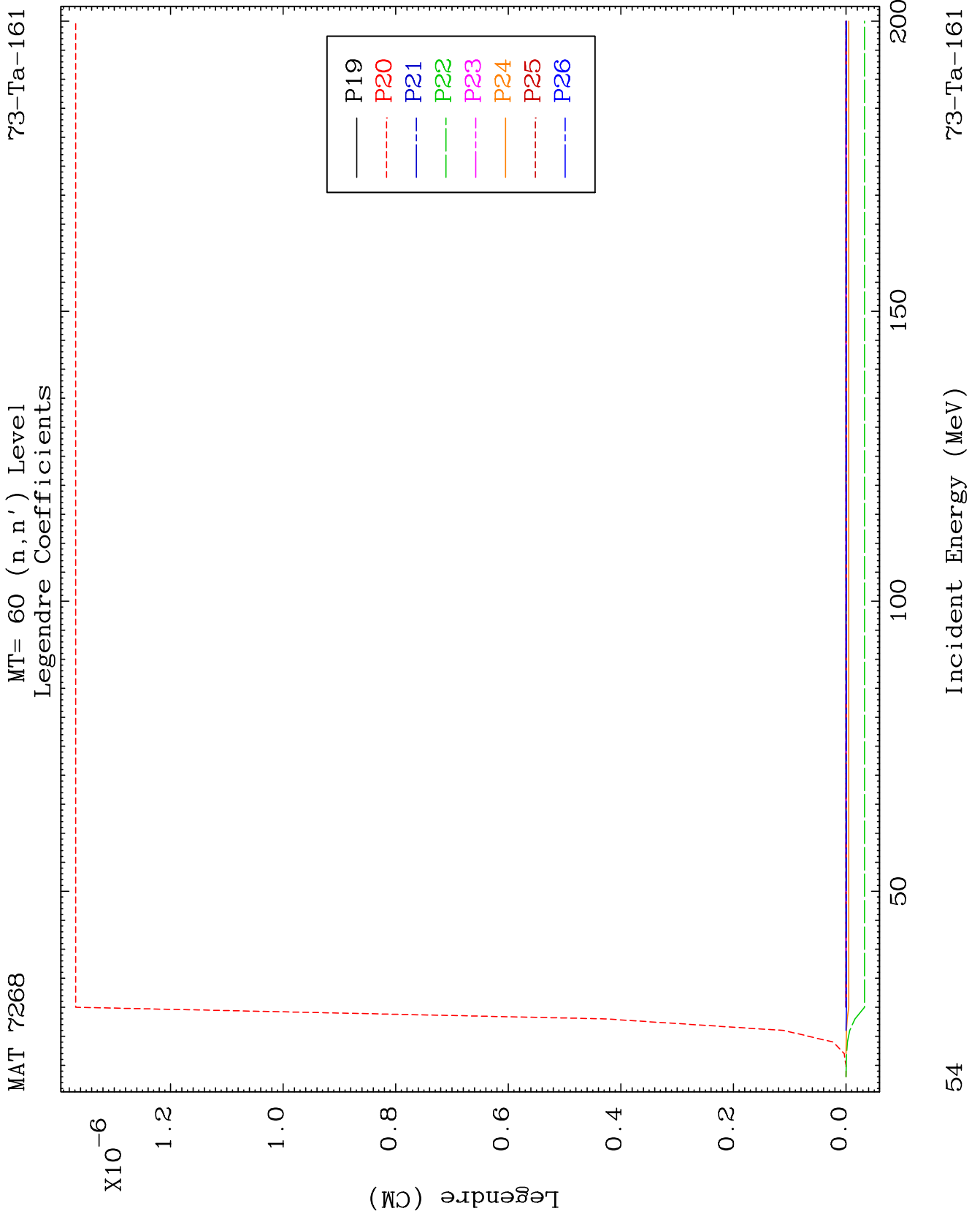
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Legendre Coefficients

73-Ta-161



53

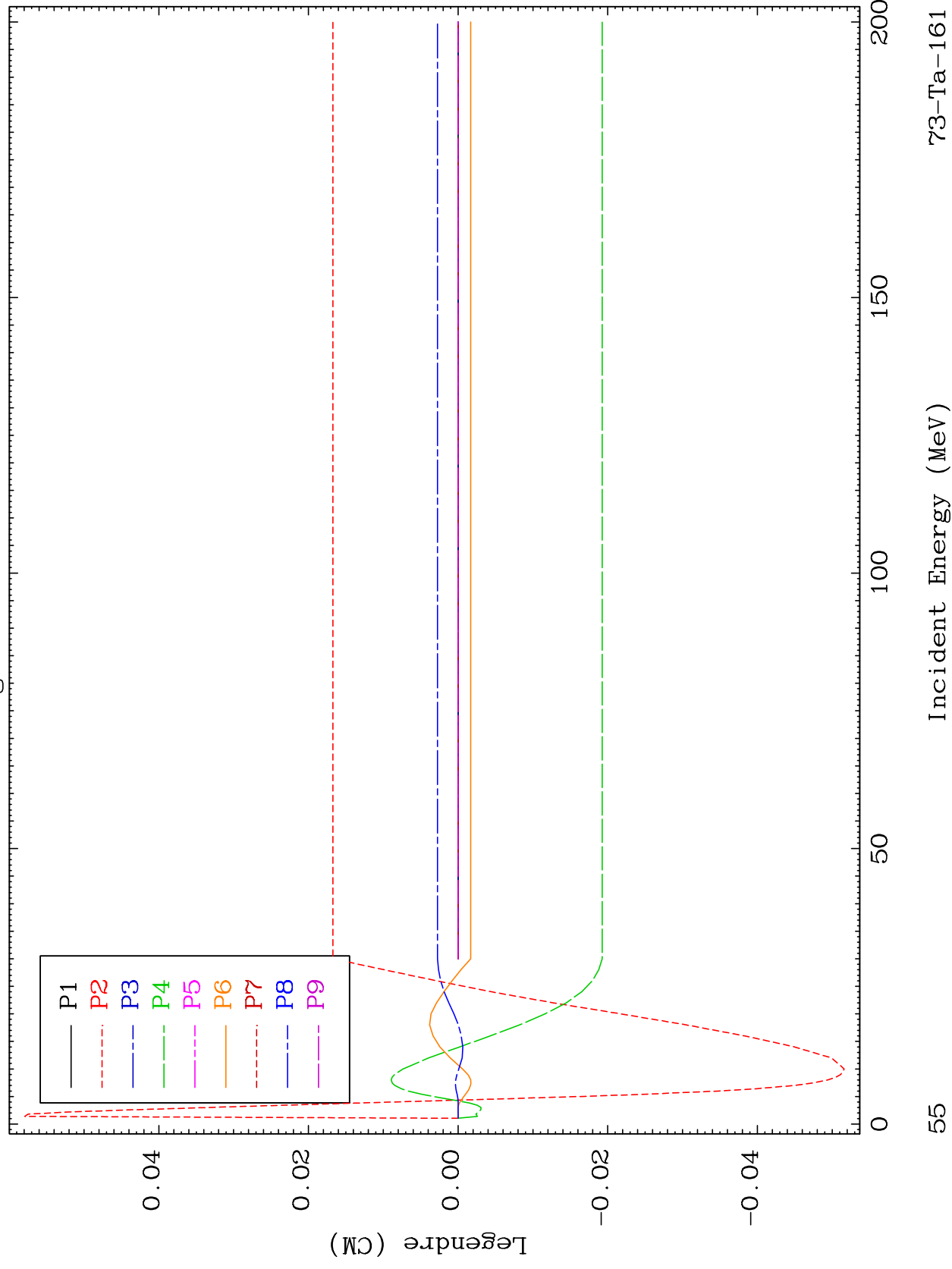
73-Ta-161



MAT 7268

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

73-Ta-161



73-Ta-161

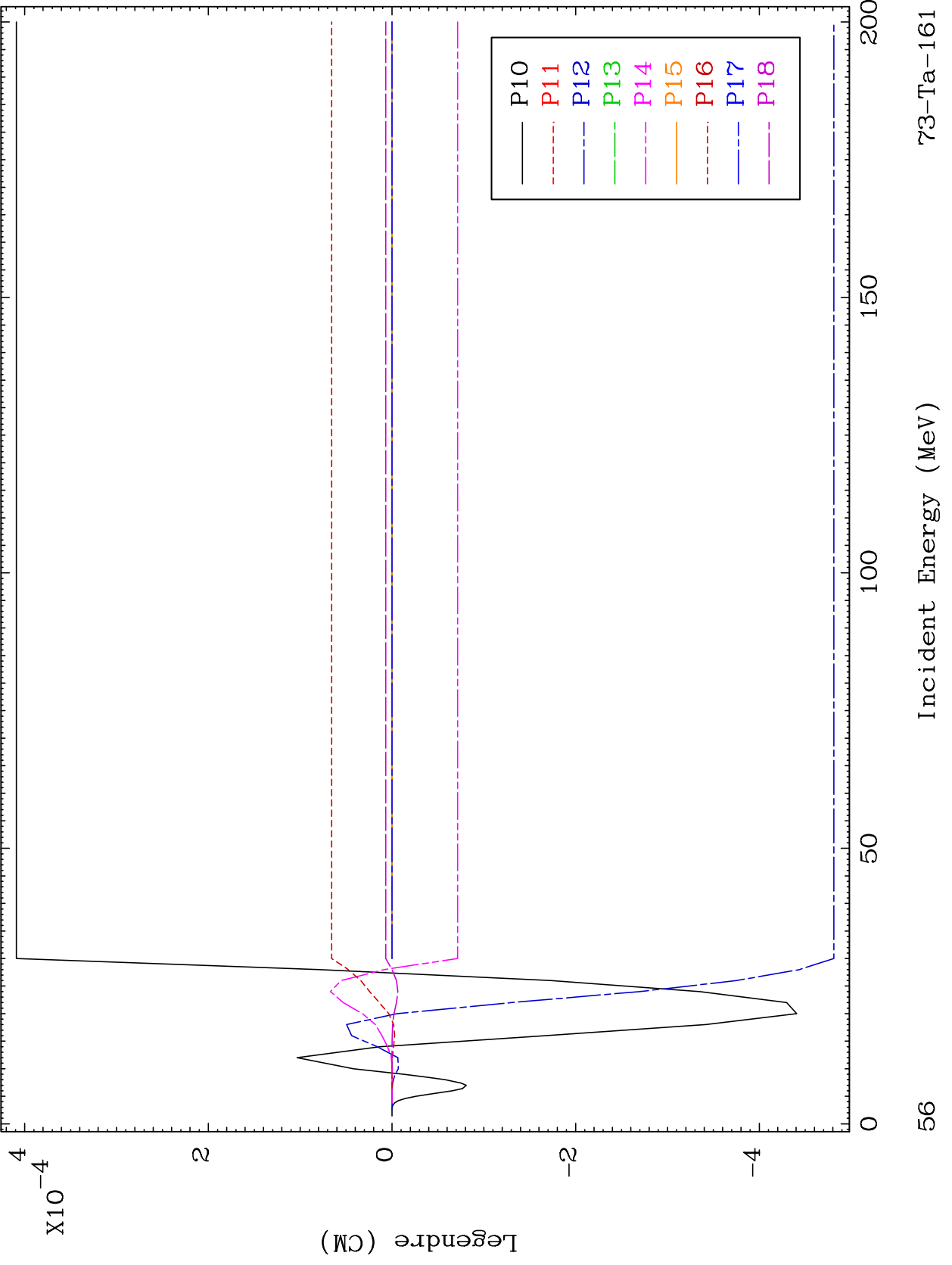
Incident Energy (MeV)

55

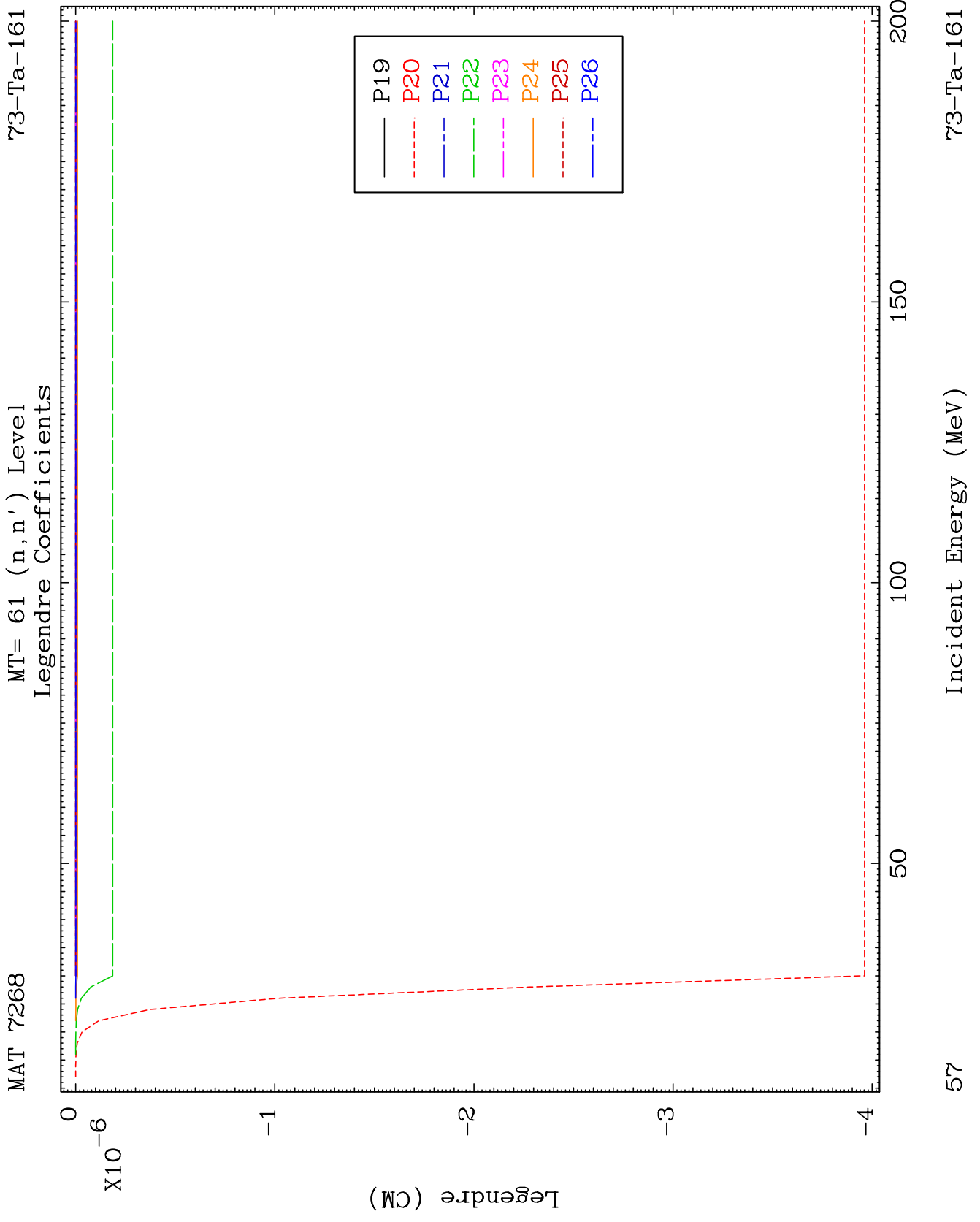
MAT 7268

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

73-Ta-161



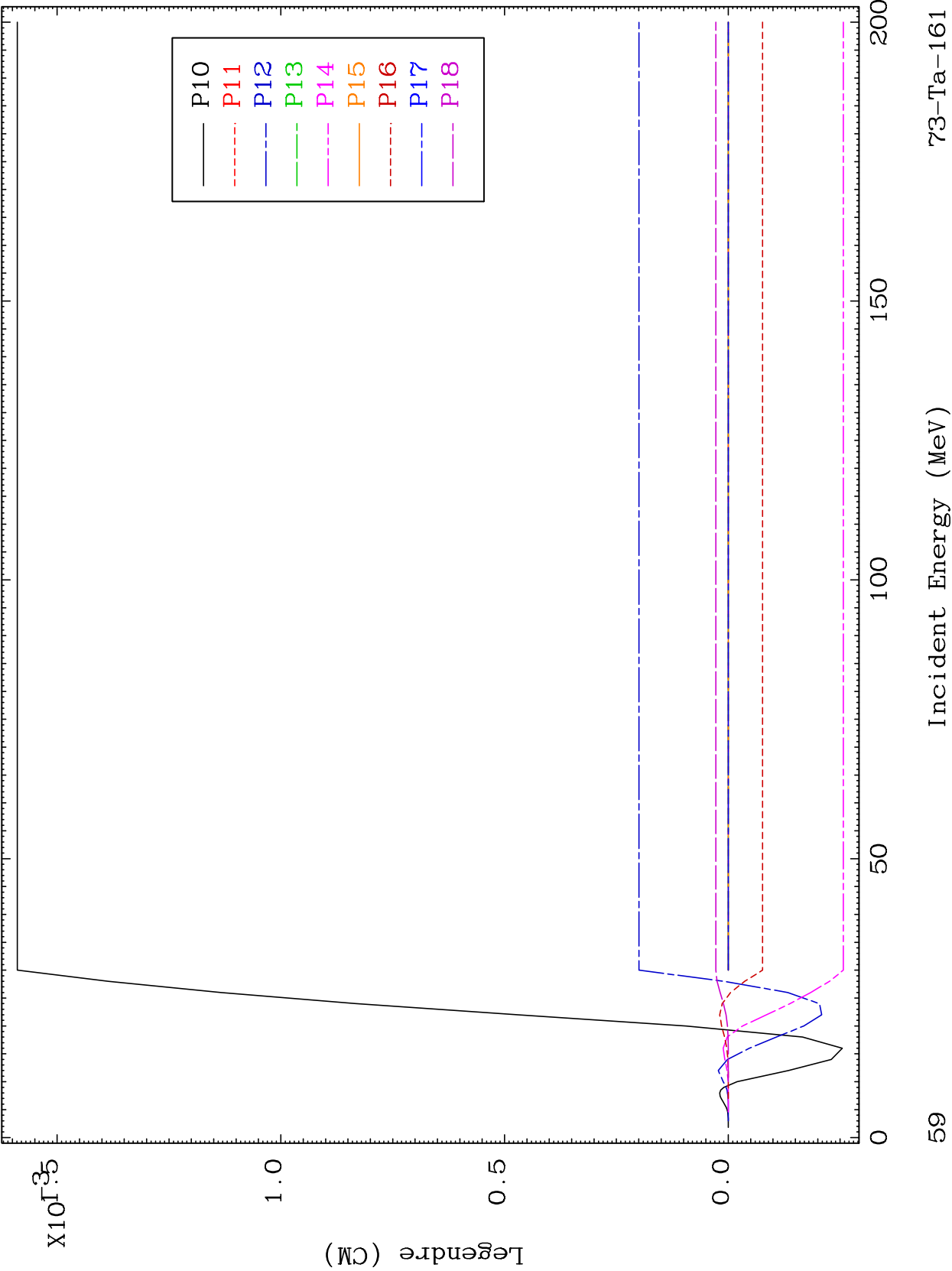
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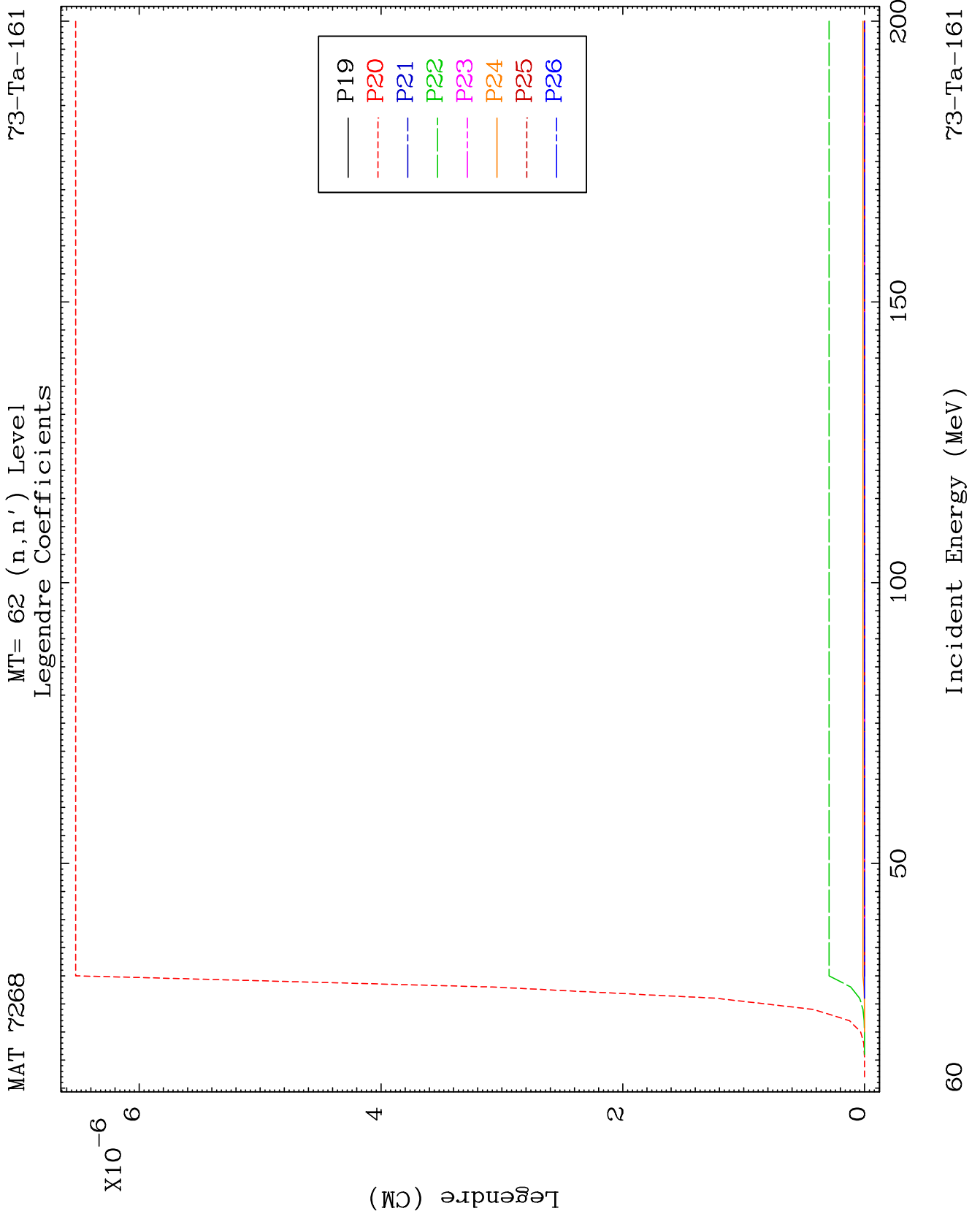


MAT 7268

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

73-Ta-161

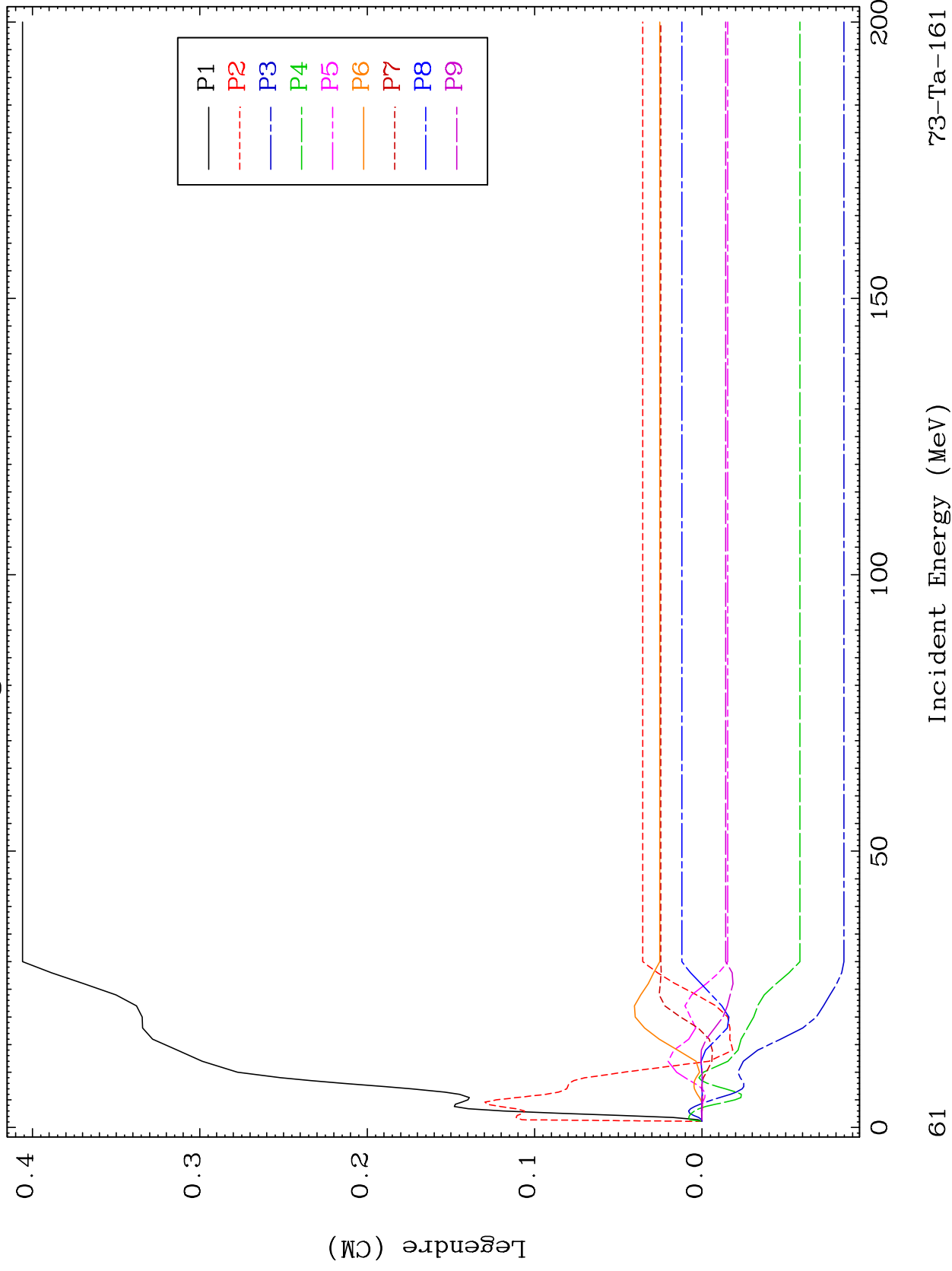




MAT 7268

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

73-Ta-161



73-Ta-161

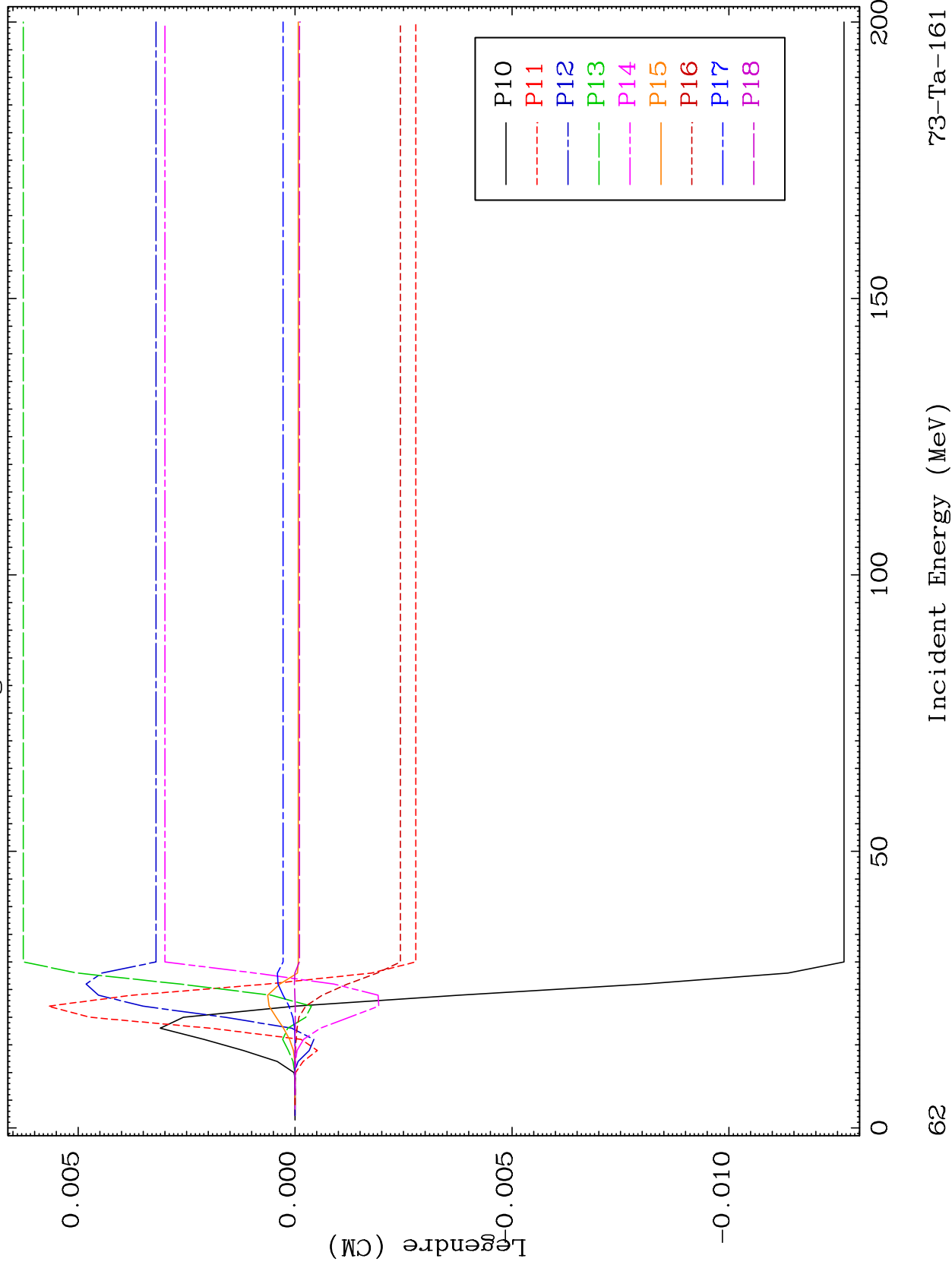
Incident Energy (MeV)

61

MAT 7268

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

73-Ta-161



73-Ta-161

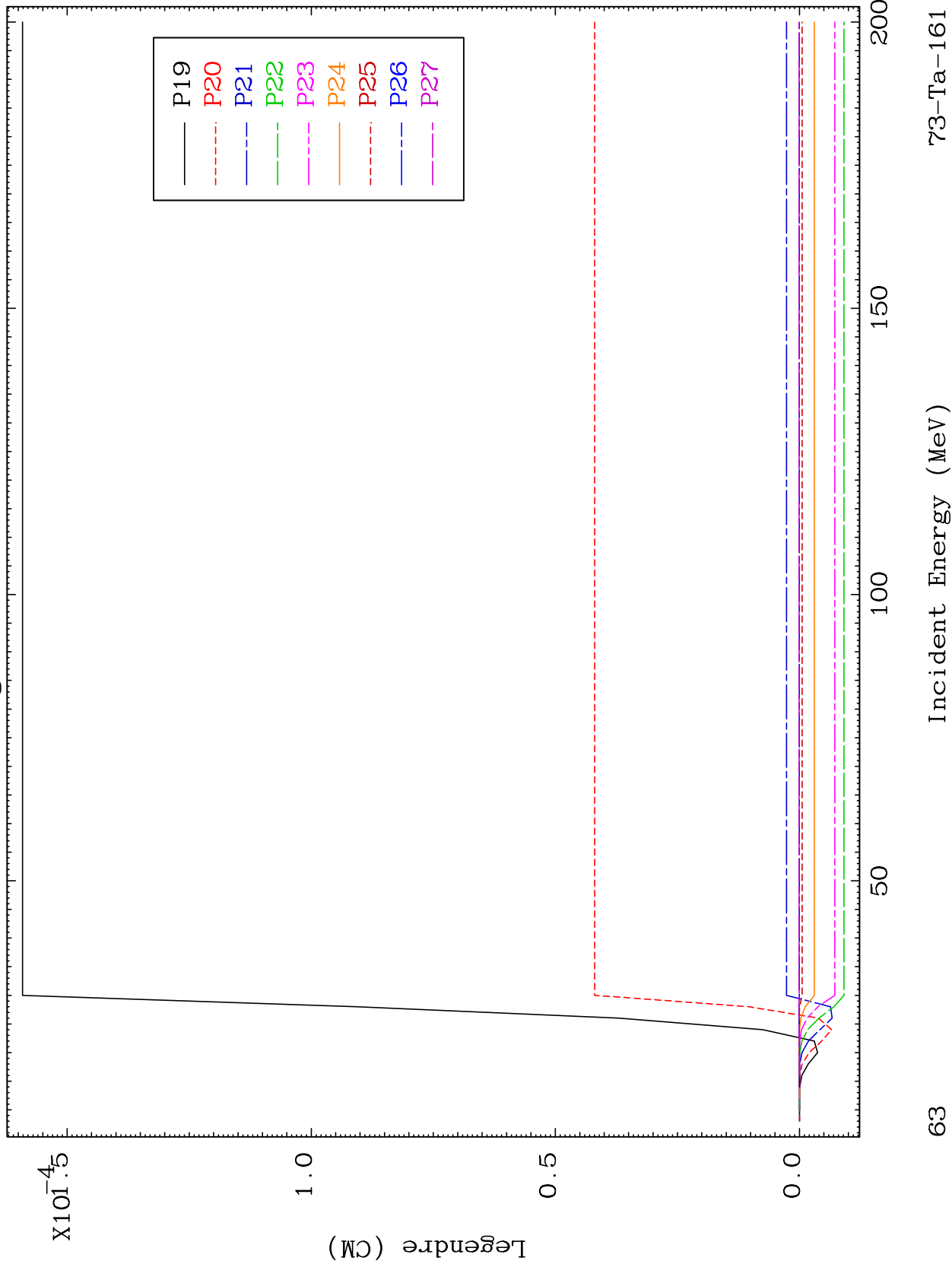
Incident Energy (MeV)

62

MAT 7268

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

73-Ta-161



63

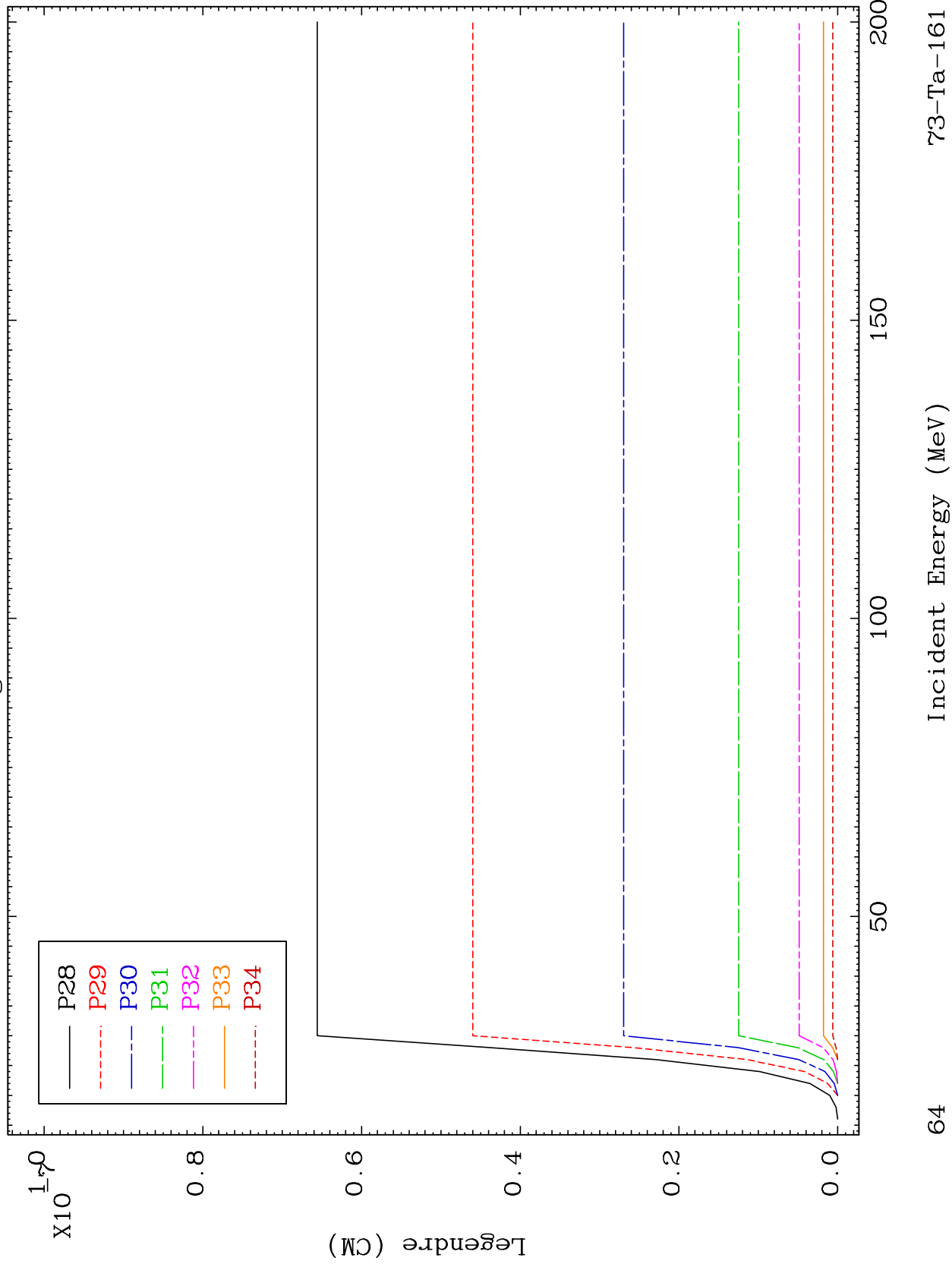
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



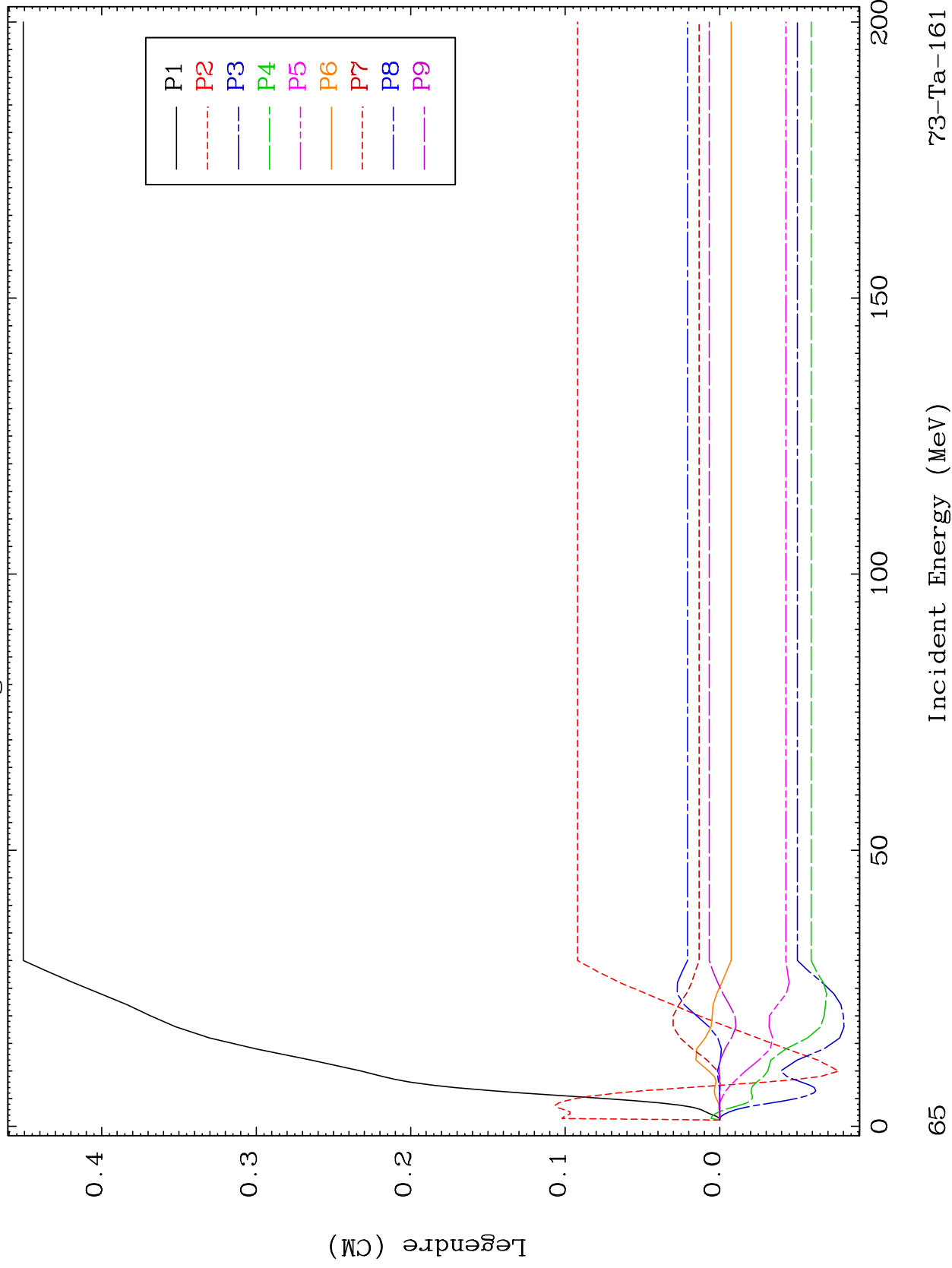
64

73-Ta-161

MAT 7268

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

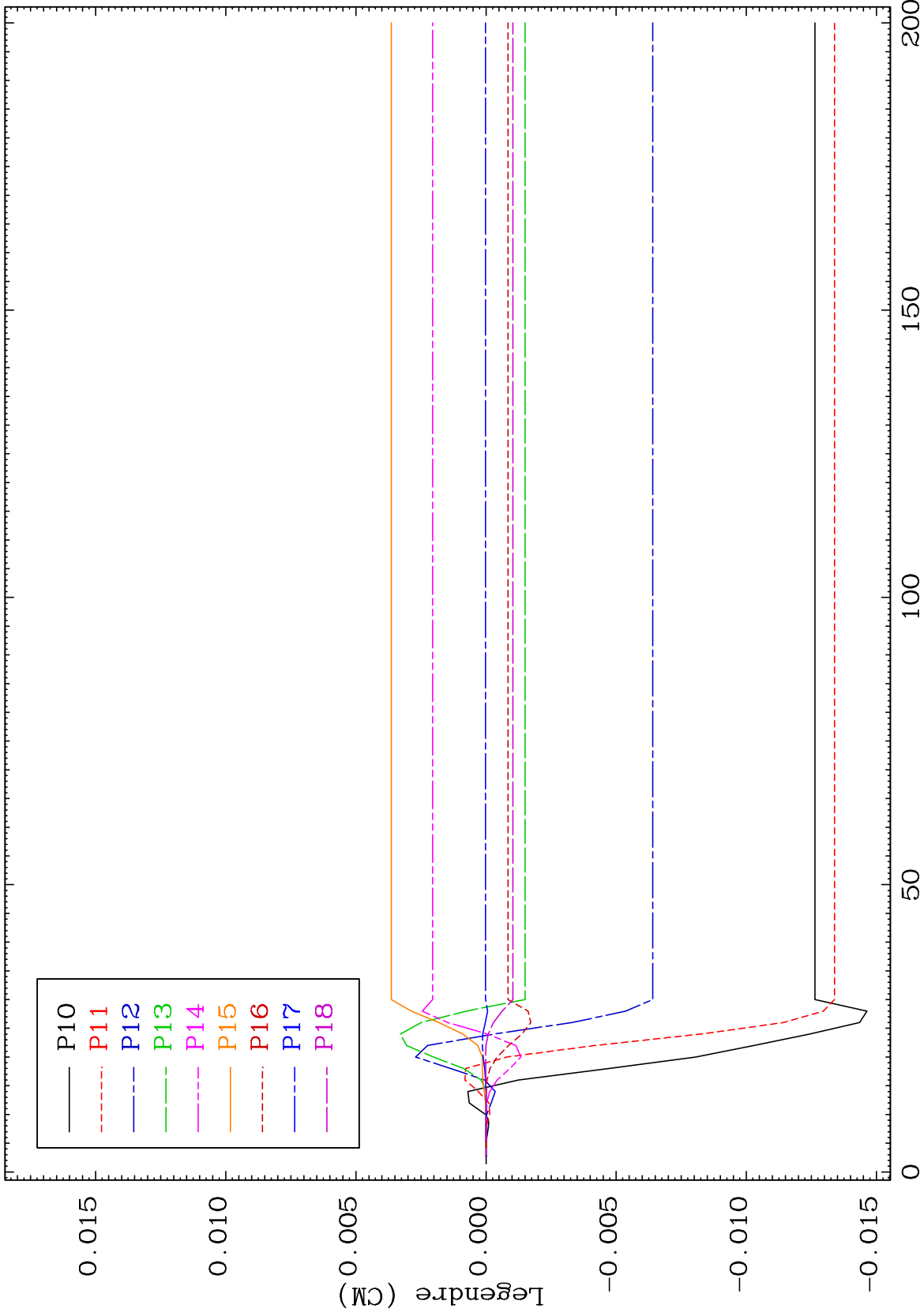
73-Ta-161



73-Ta-161

Incident Energy (MeV)

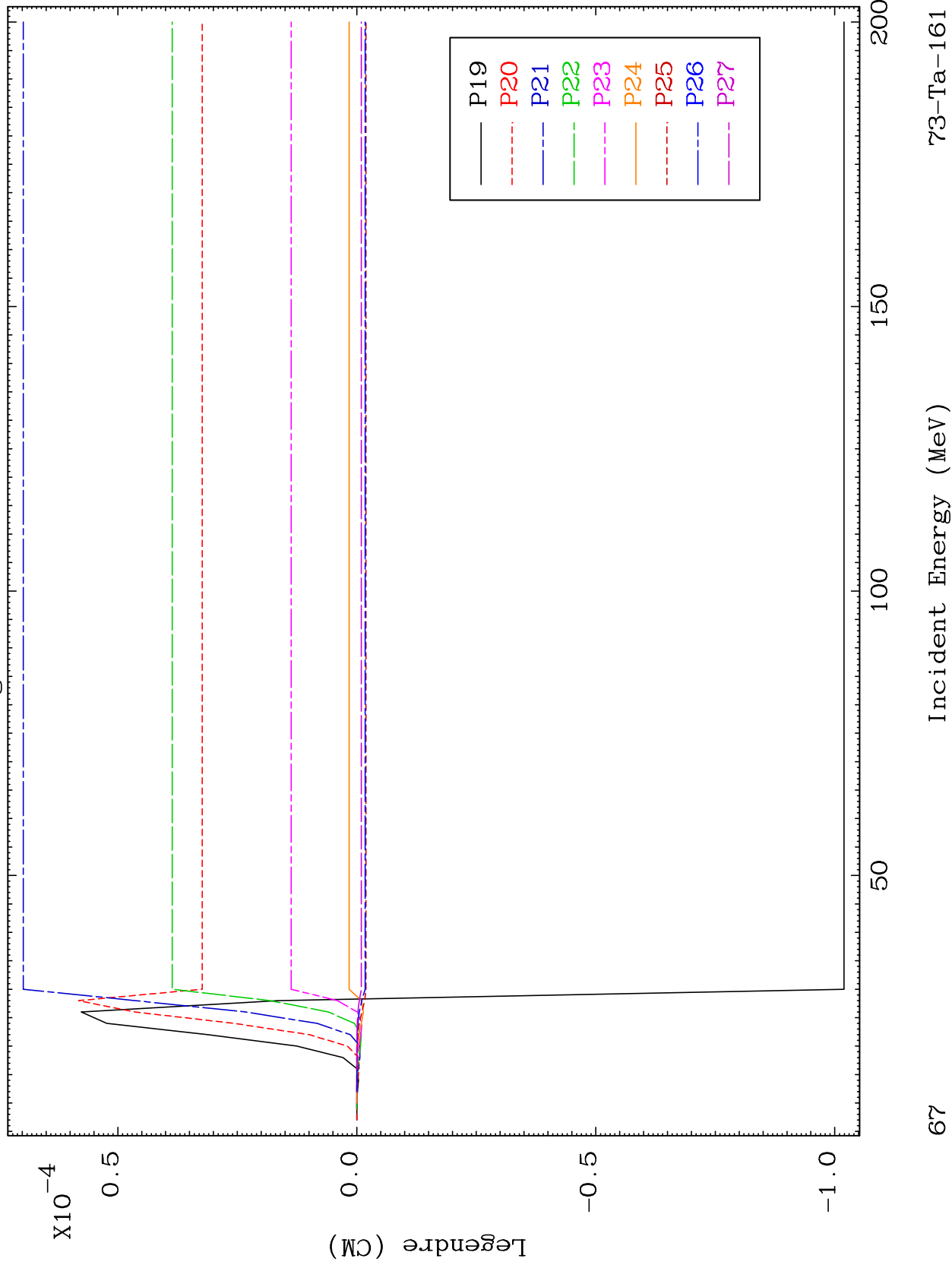
65



MAT 7268

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

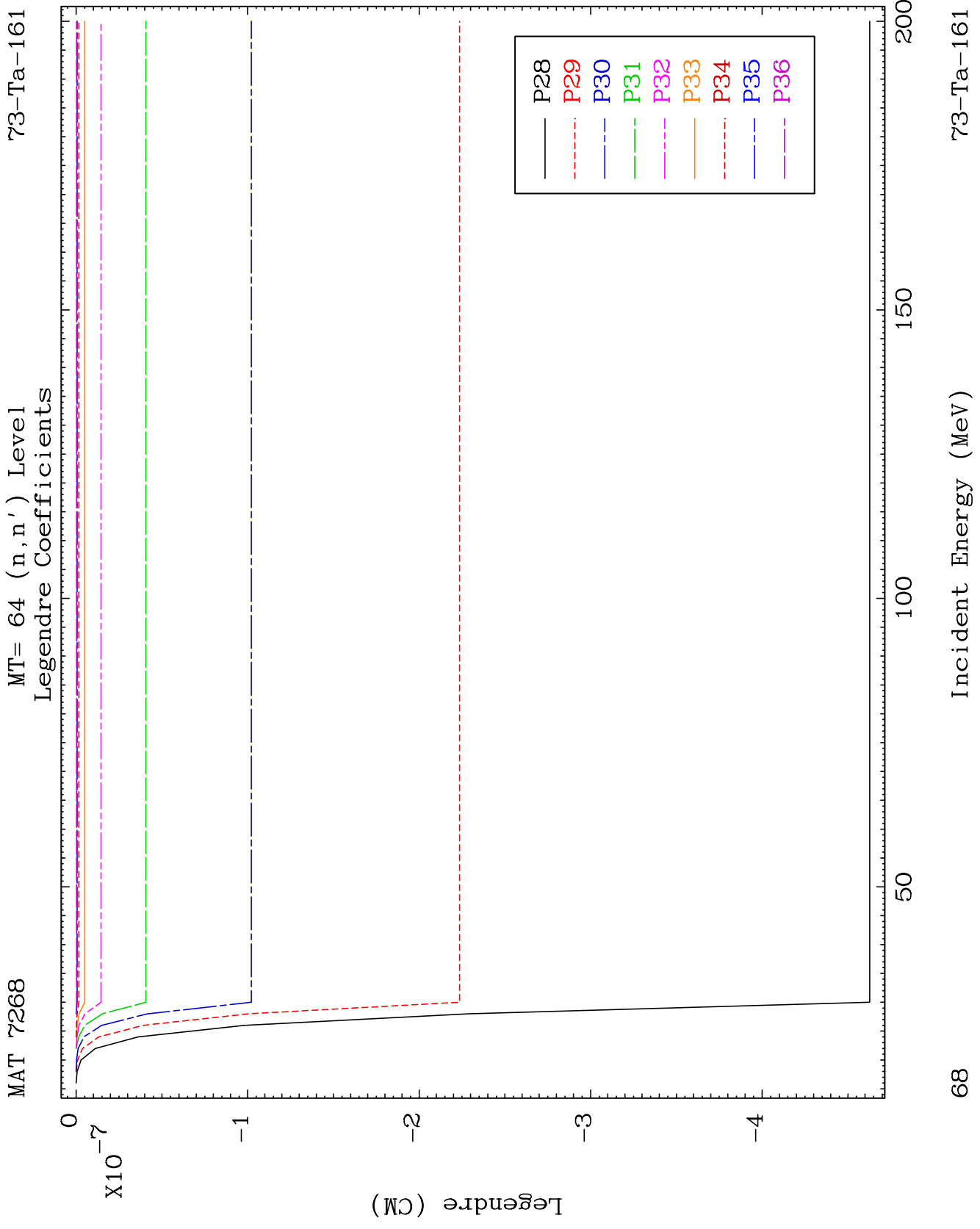
73-Ta-161

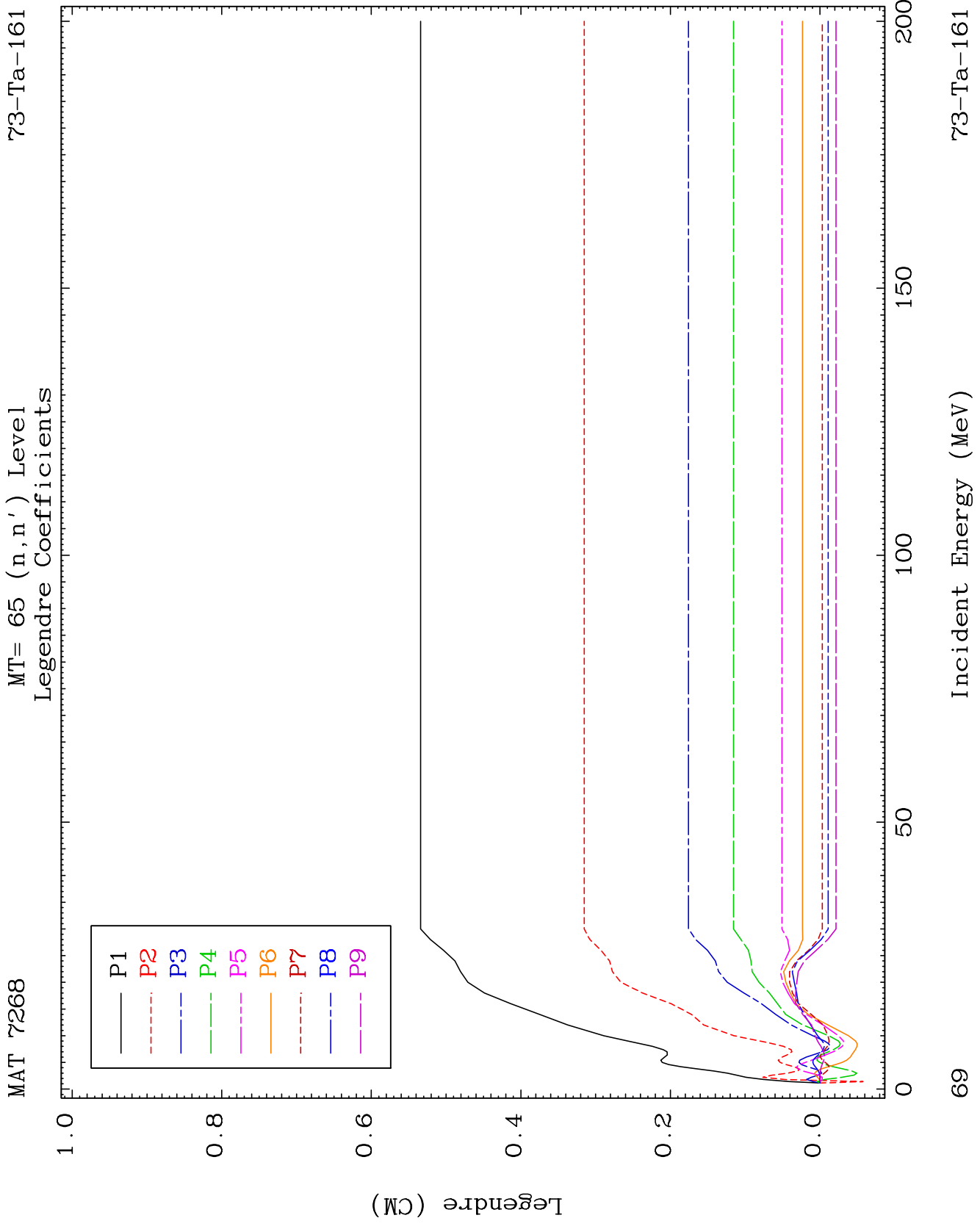


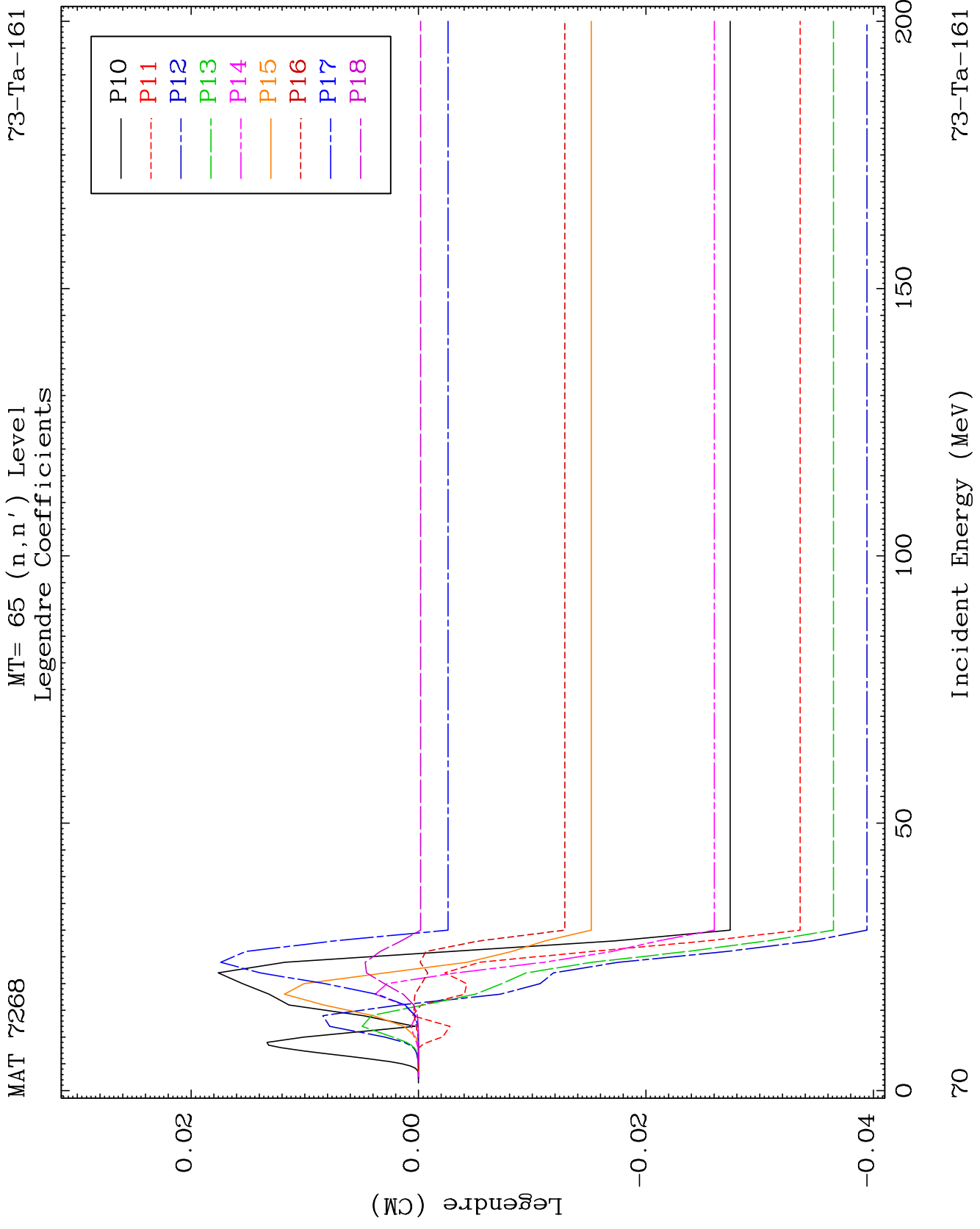
67

Incident Energy (MeV)

73-Ta-161



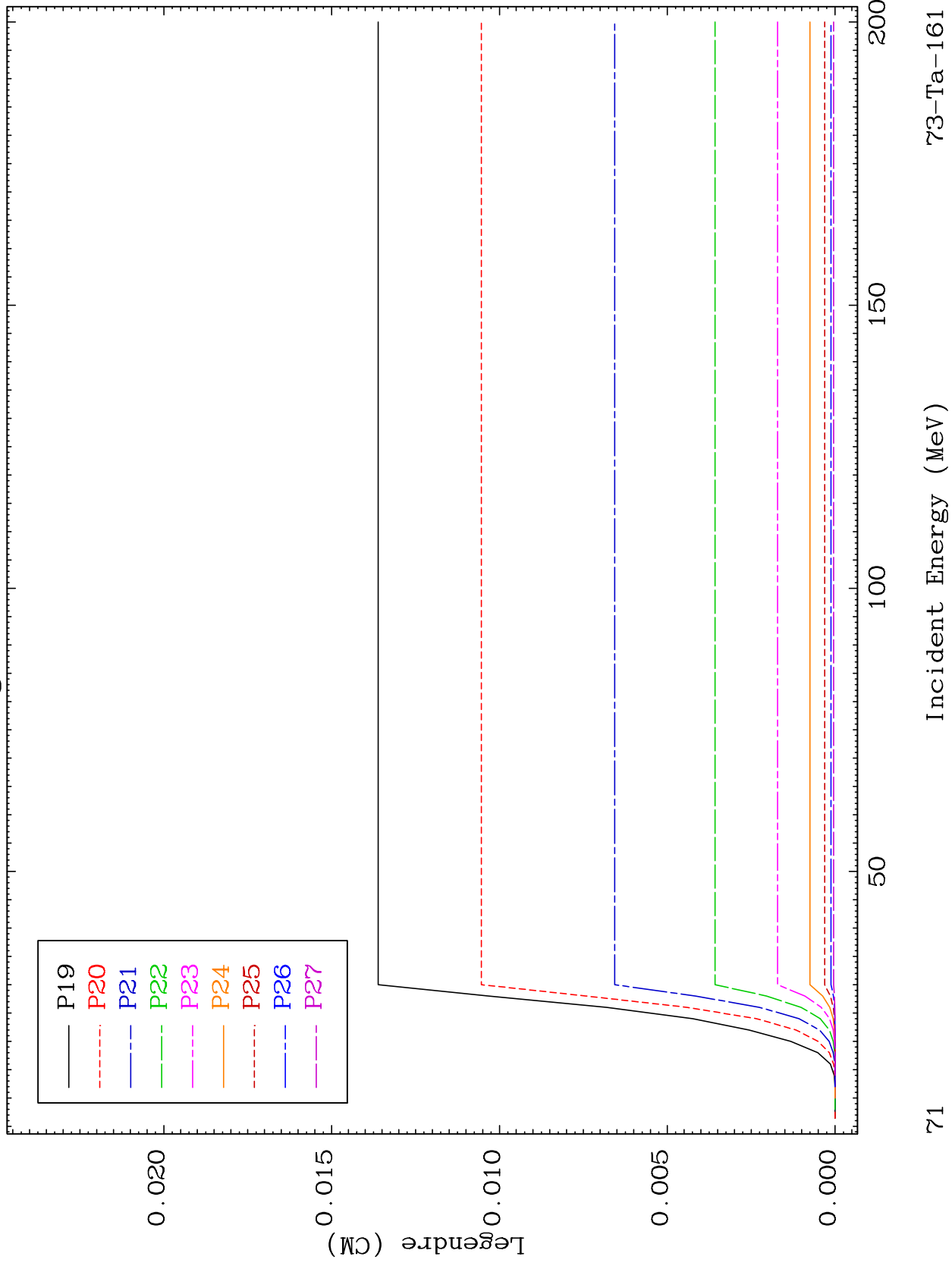




MAT 7268

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

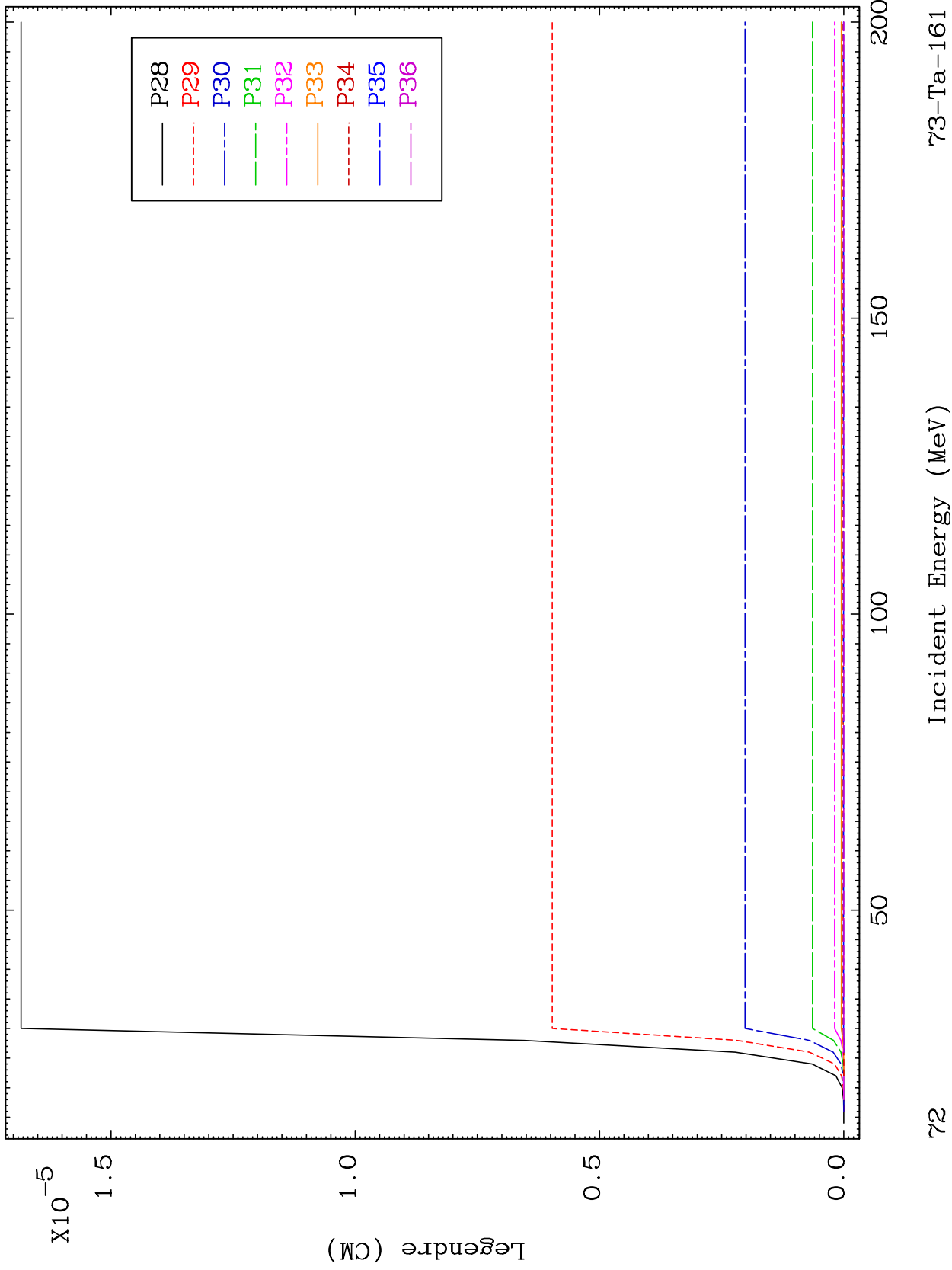
73-Ta-161



MAT 7268

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

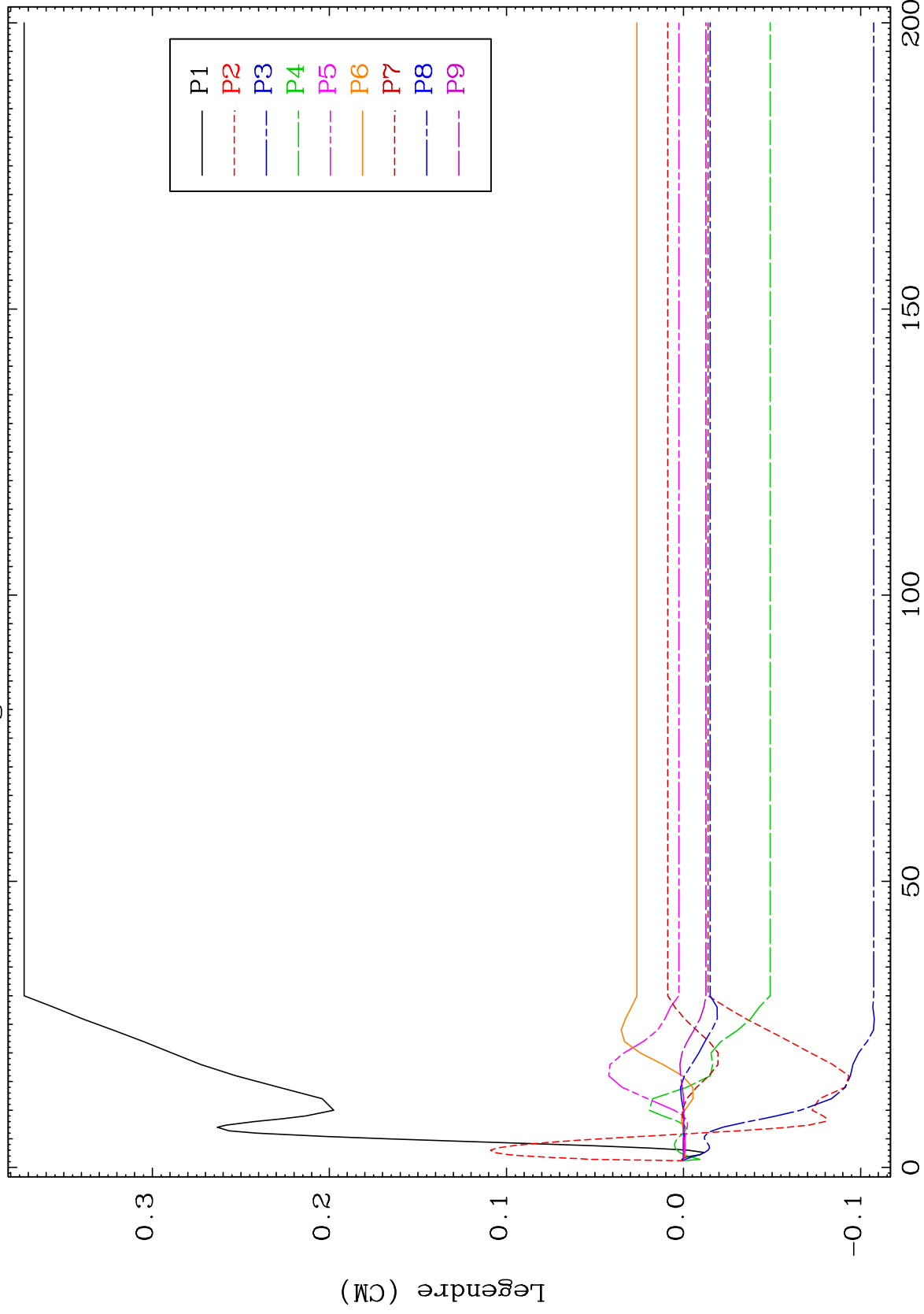
73-Ta-161



MAT 7268

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

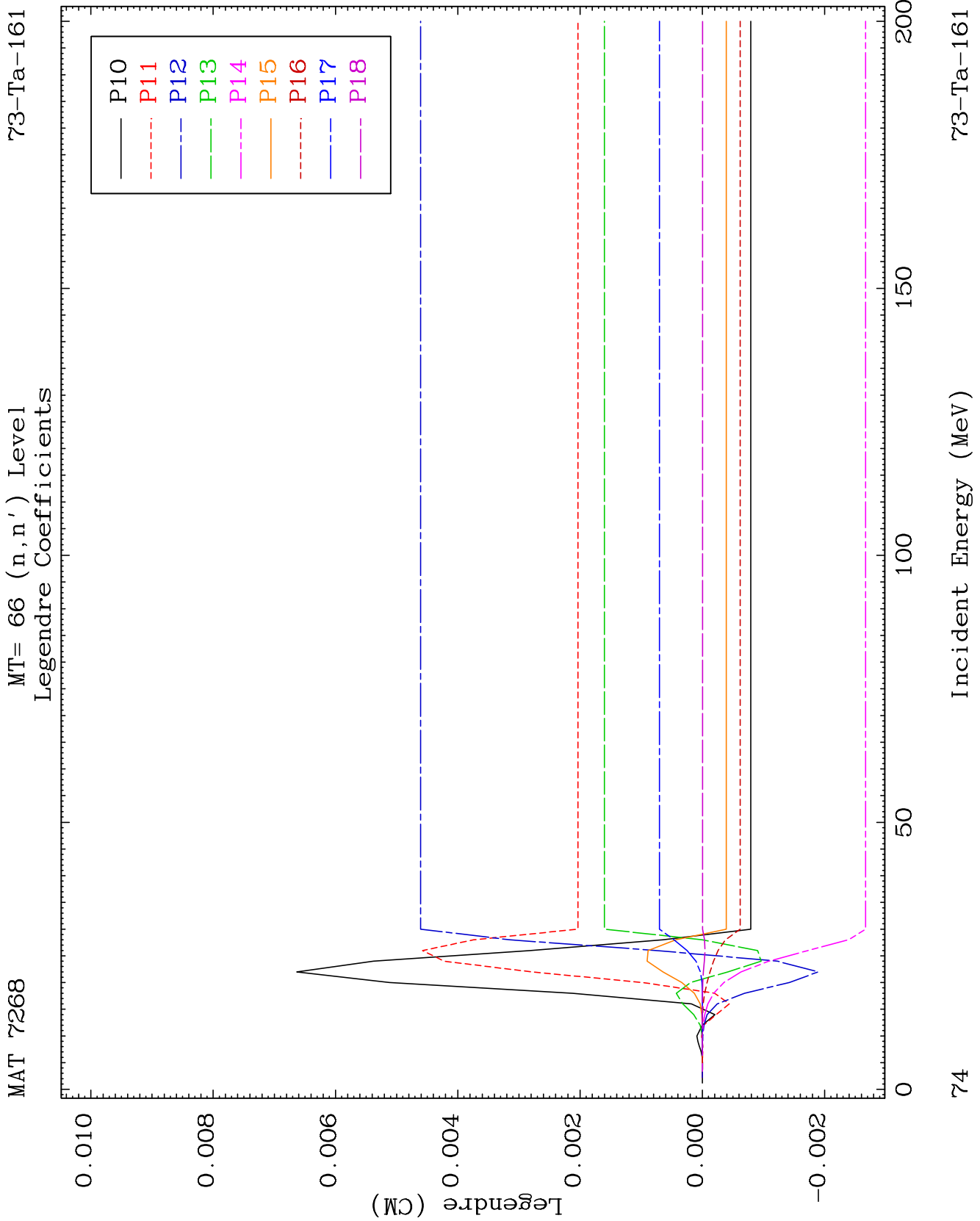
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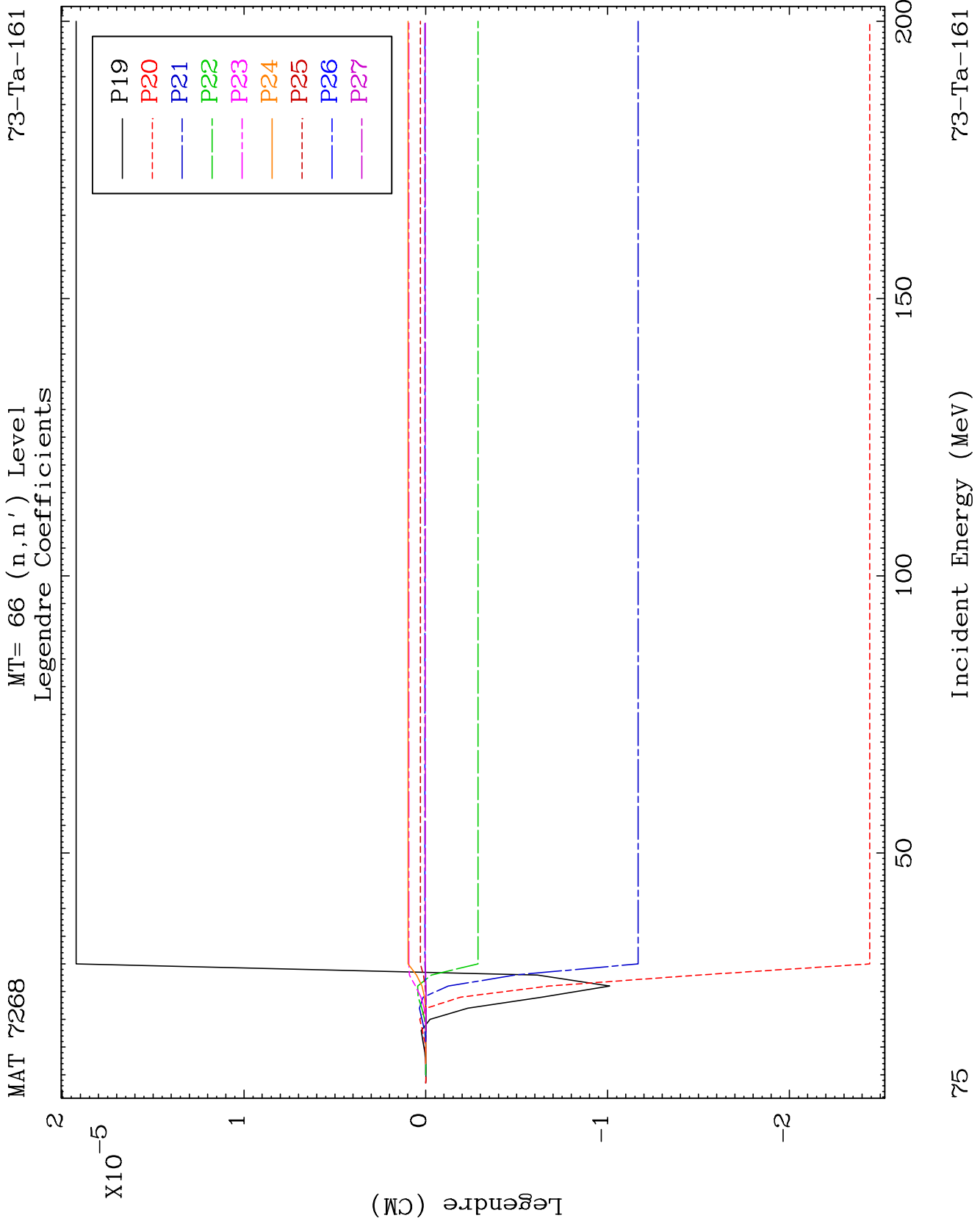


73

Incident Energy (MeV)

73-Ta-161

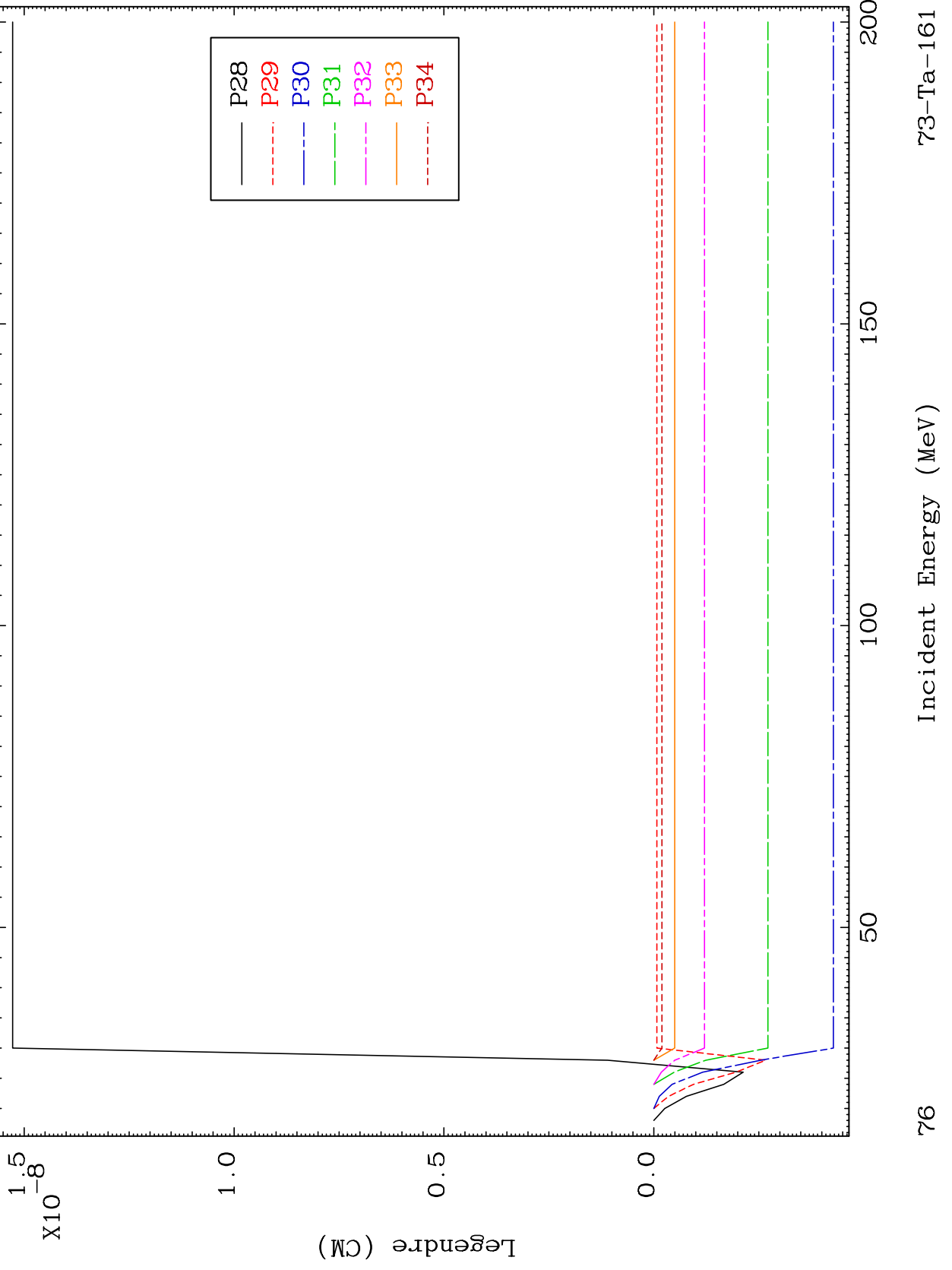




MAT 7268

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

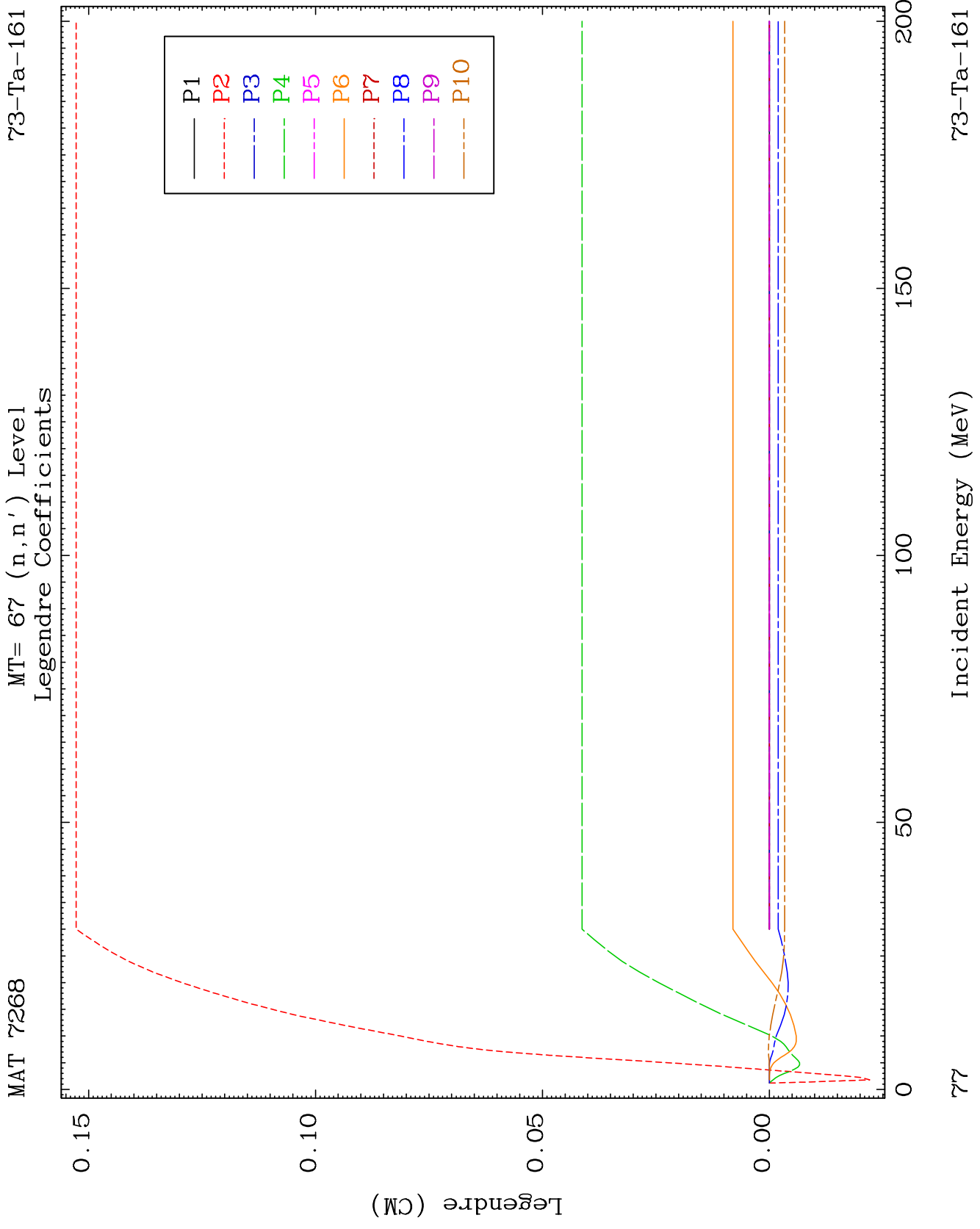
73-Ta-161

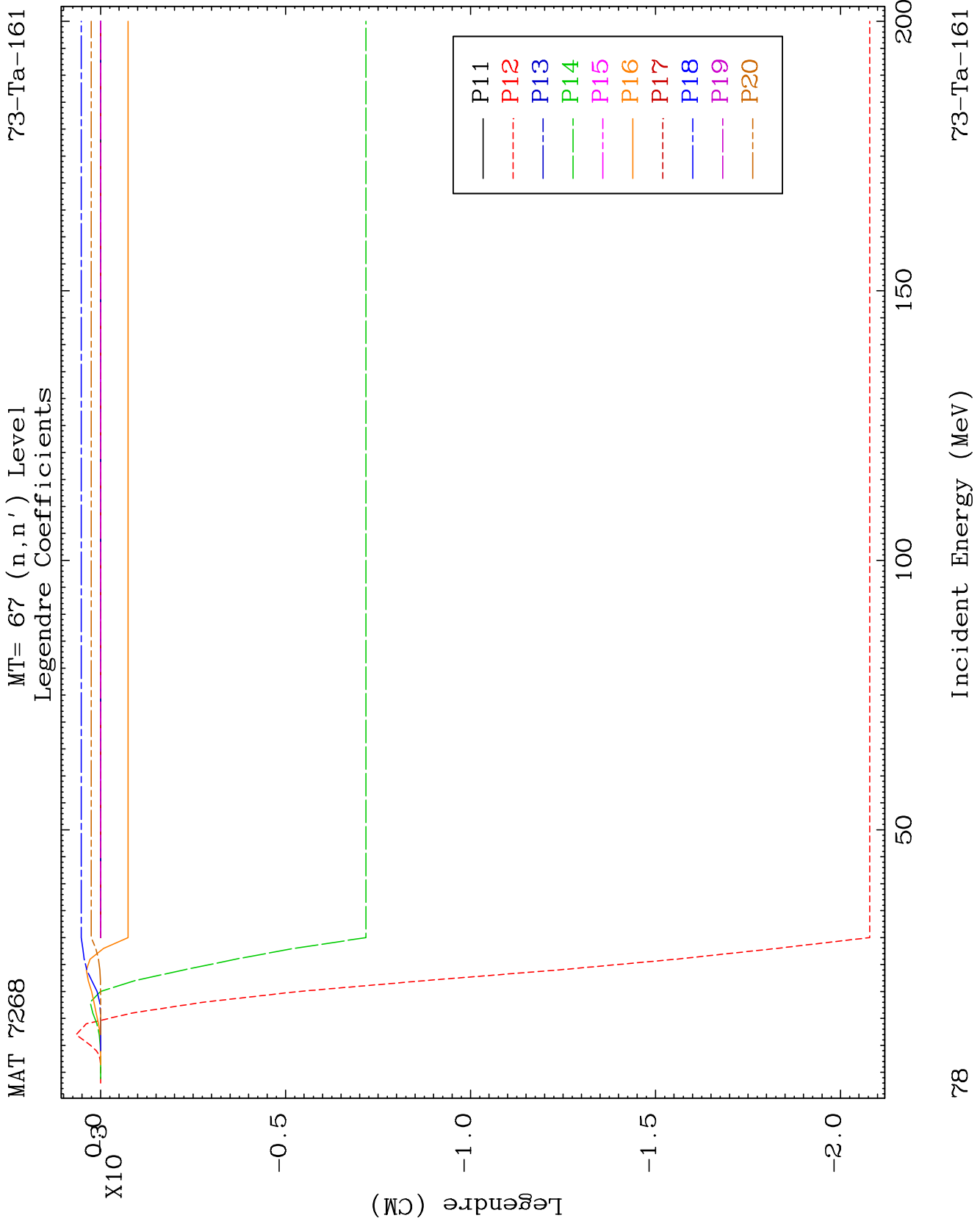


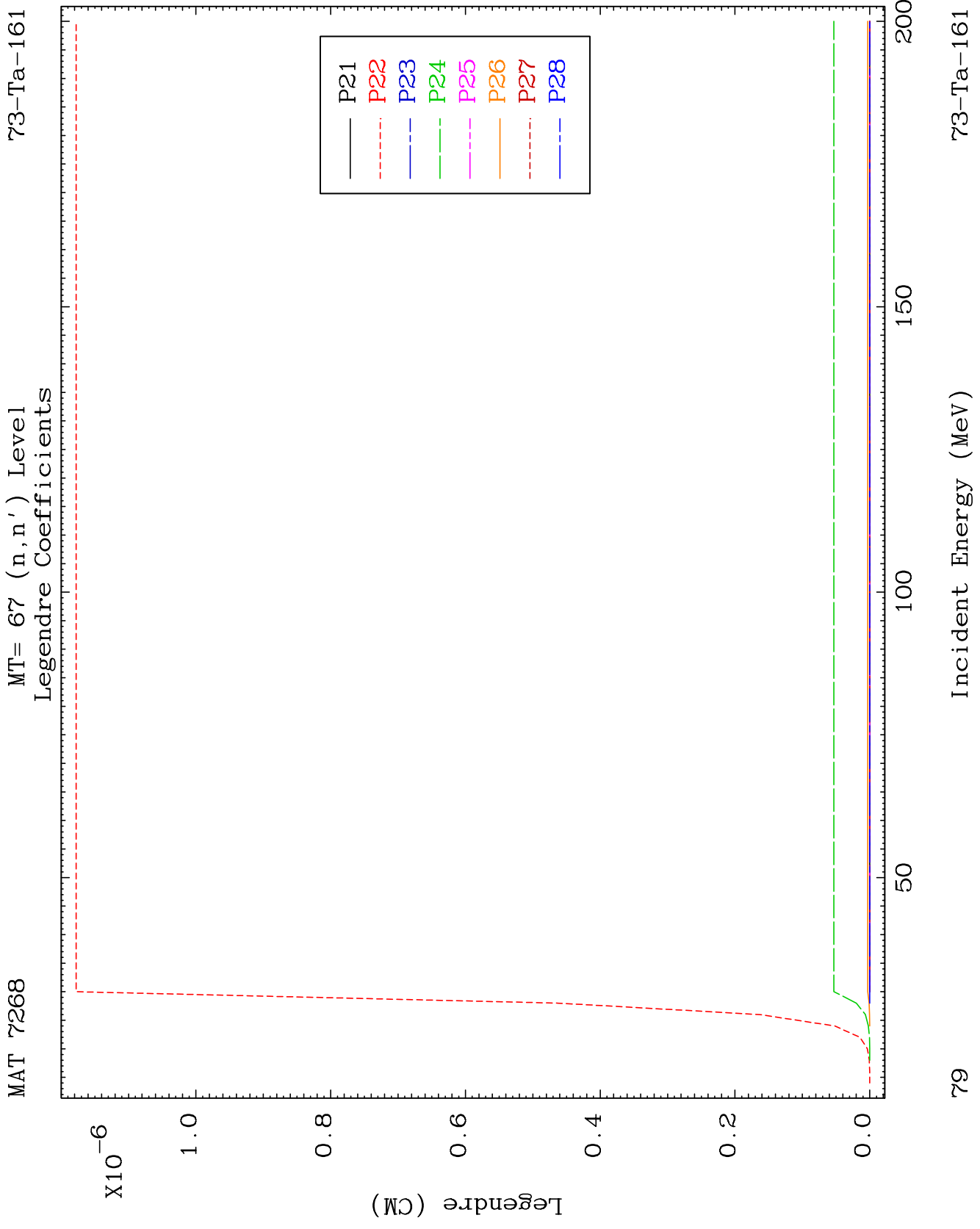
76

Incident Energy (MeV)

73-Ta-161



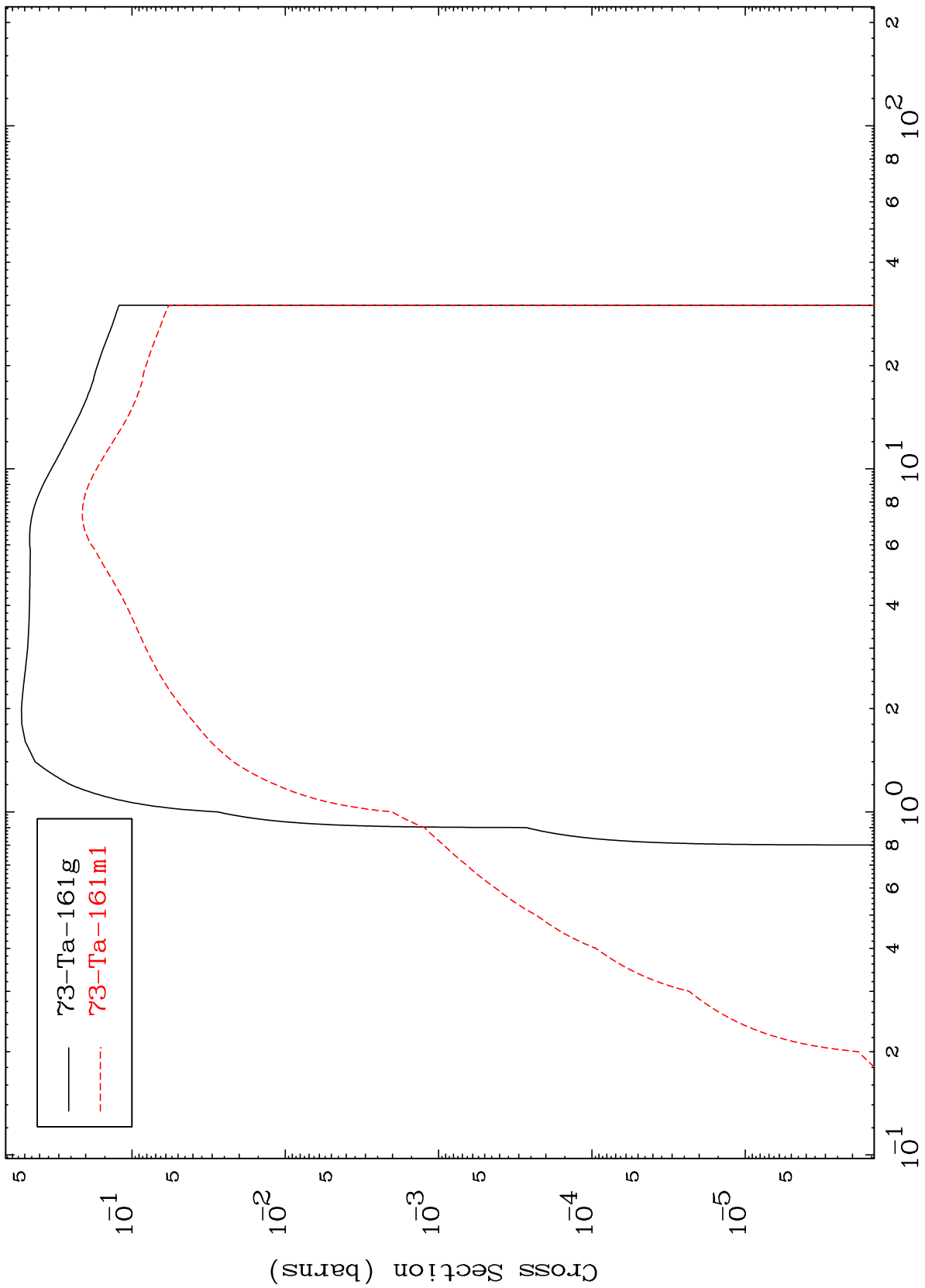




MAT 7268

⁷³Ta-161

Radionuclide Production Cross Section



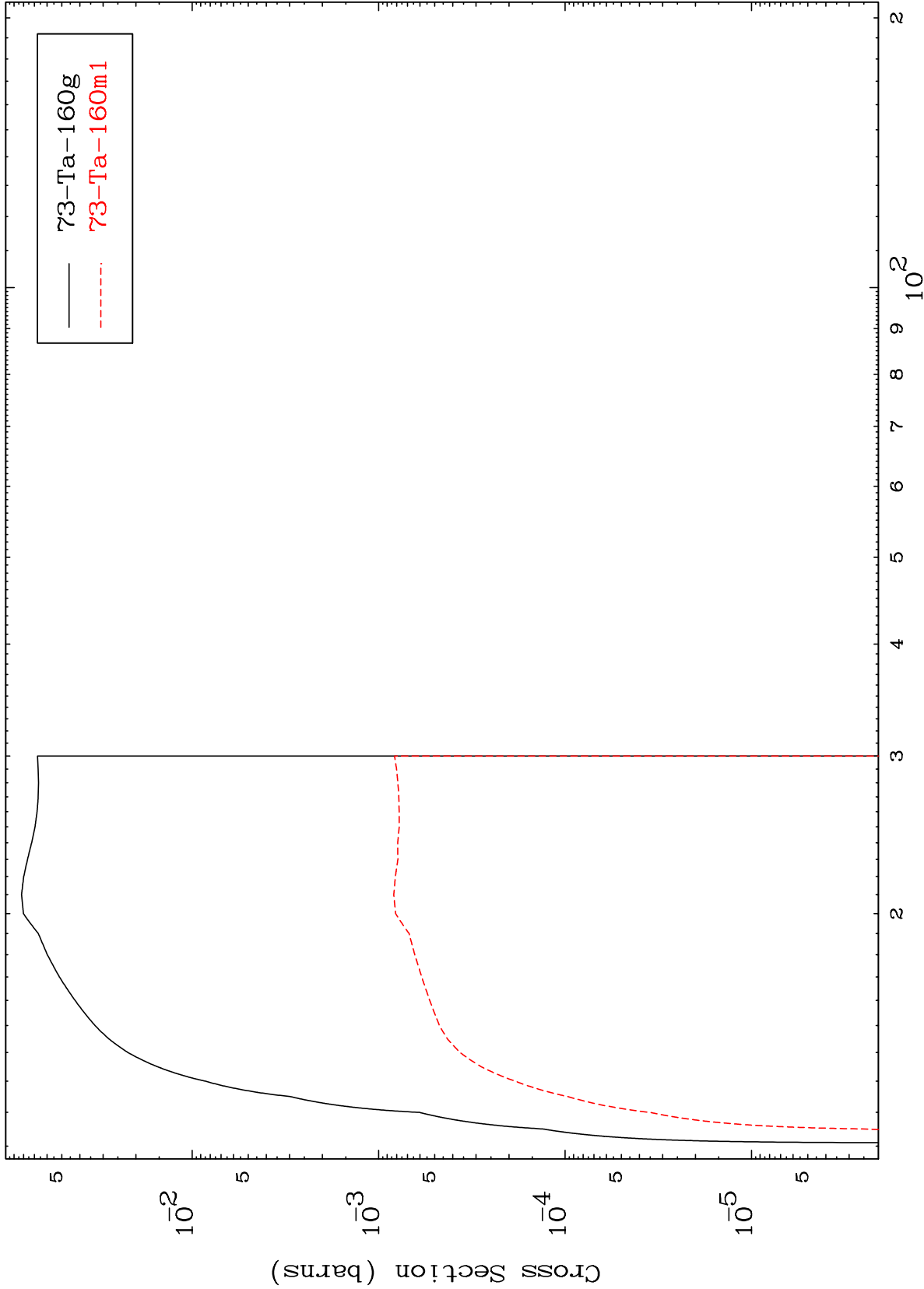
— ⁷³Ta-161g
- - - ⁷³Ta-161m1

⁷³Ta-161

Incident Energy (MeV)

80

(n,2n)
Radionuclide Production Cross Section

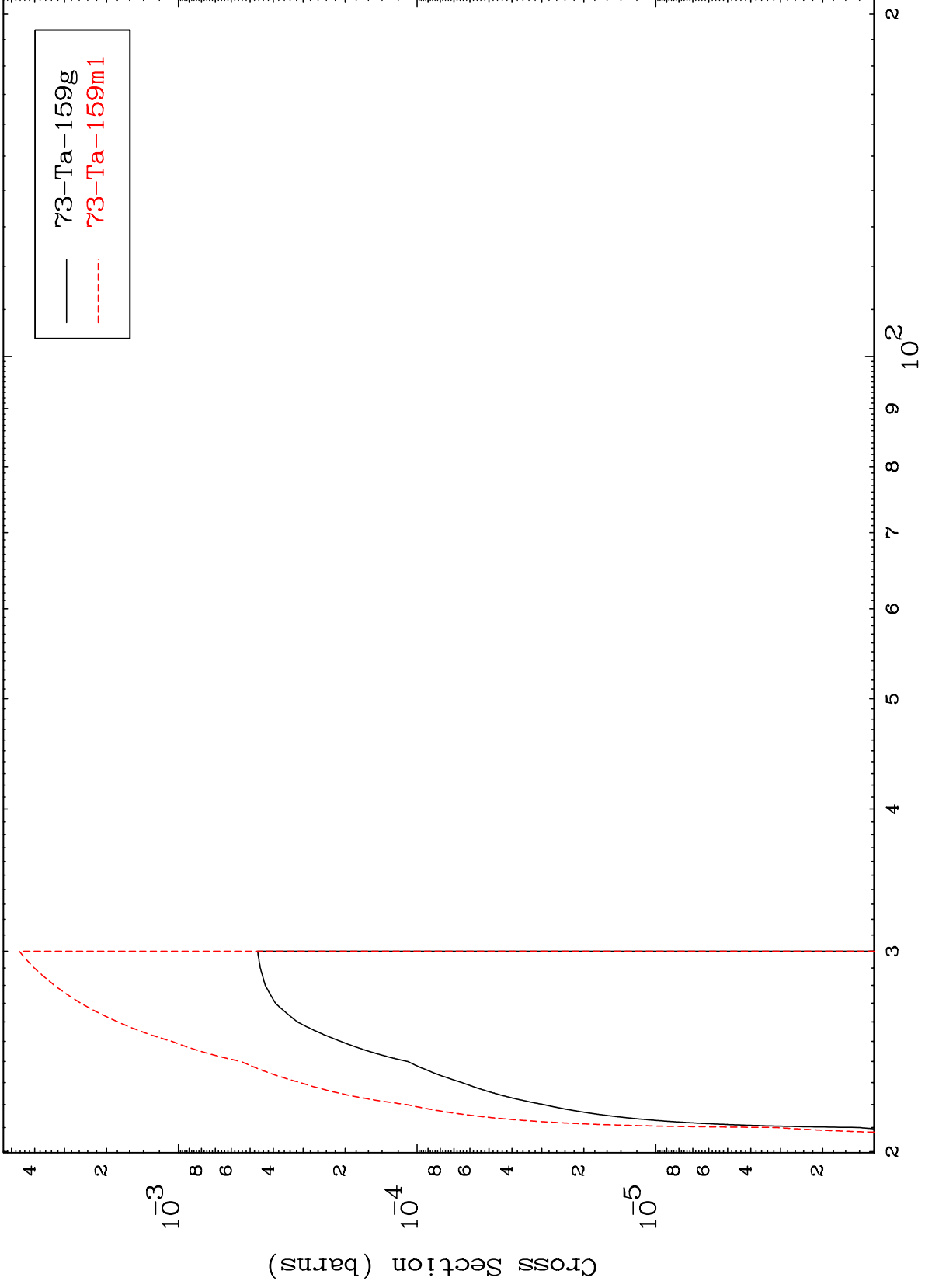


MAT 7268

(n,3n)

⁷³Ta-161

Radionuclide Production Cross Section



82

Incident Energy (MeV)

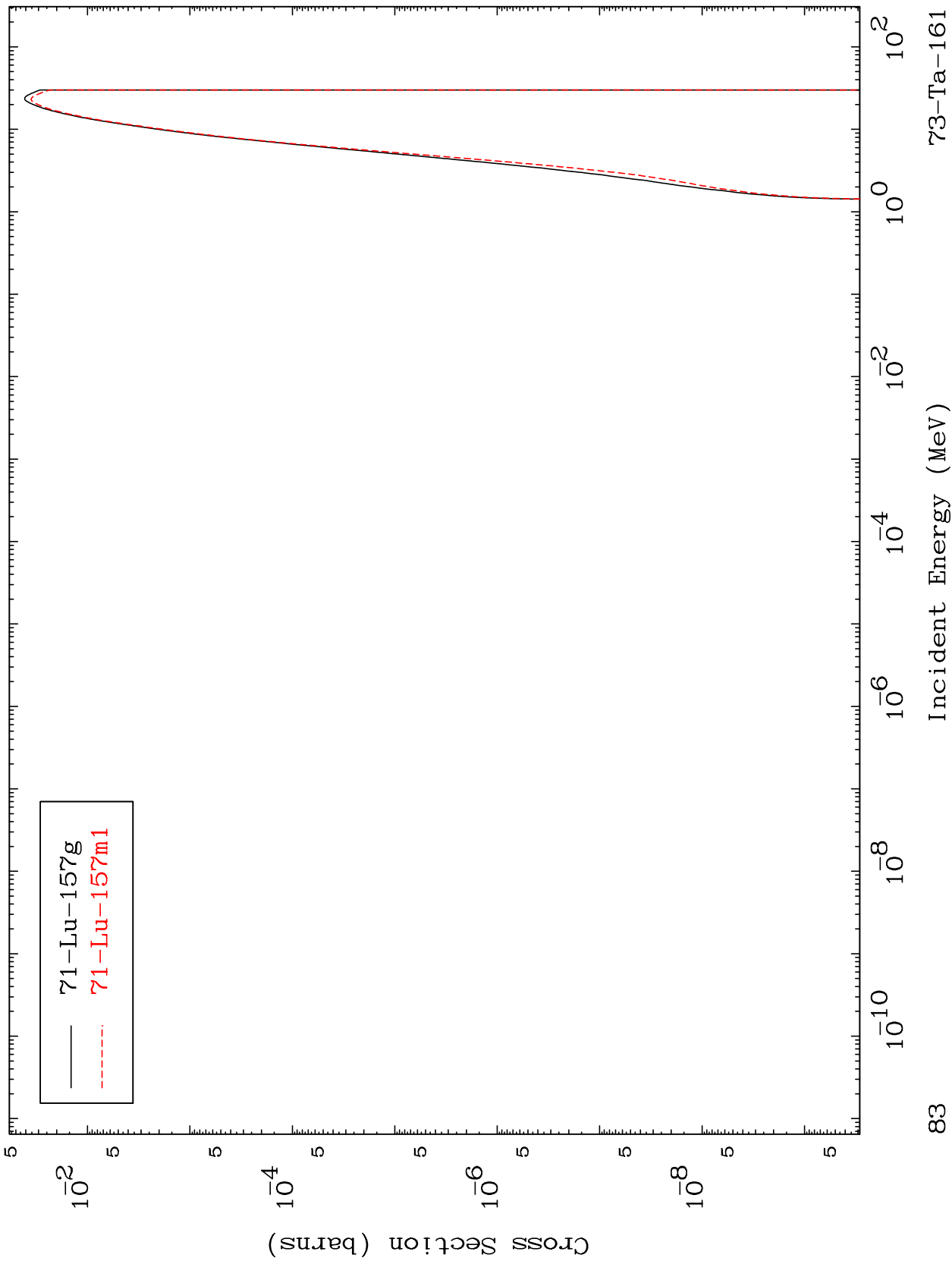
⁷³Ta-161

MAT 7268

$(n, n') \alpha$

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

Radionuclide Production Cross Section



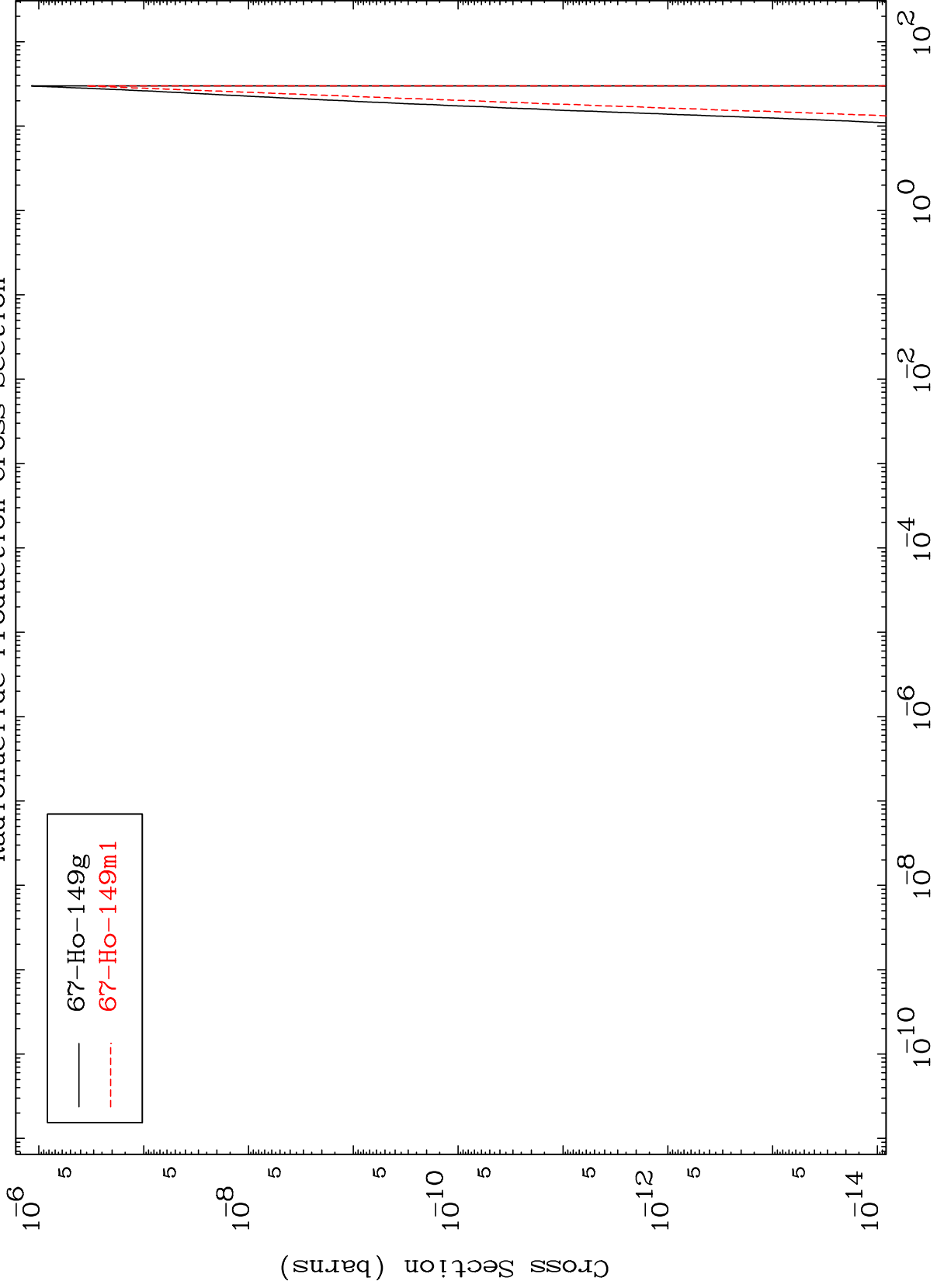
71-Lu-157g
71-Lu-157m1

MAT 7268

(n,n') 3 α

⁷³Ta-161

Radionuclide Production Cross Section



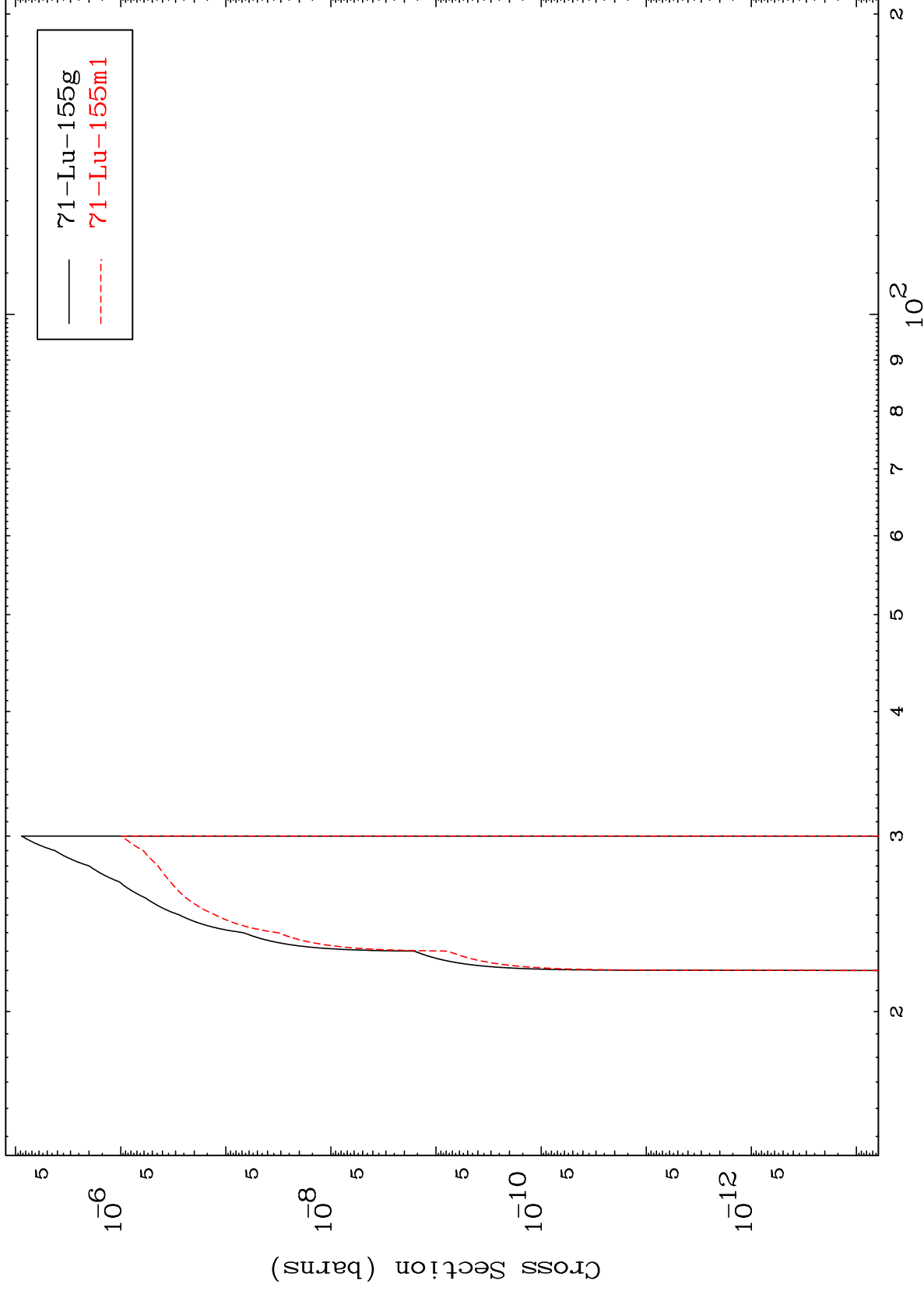
— 67-Ho-149g
- - - 67-Ho-149m1

MAT 7268

(n,3n) α

73-Ta-161

Radionuclide Production Cross Section



85

Incident Energy (MeV)

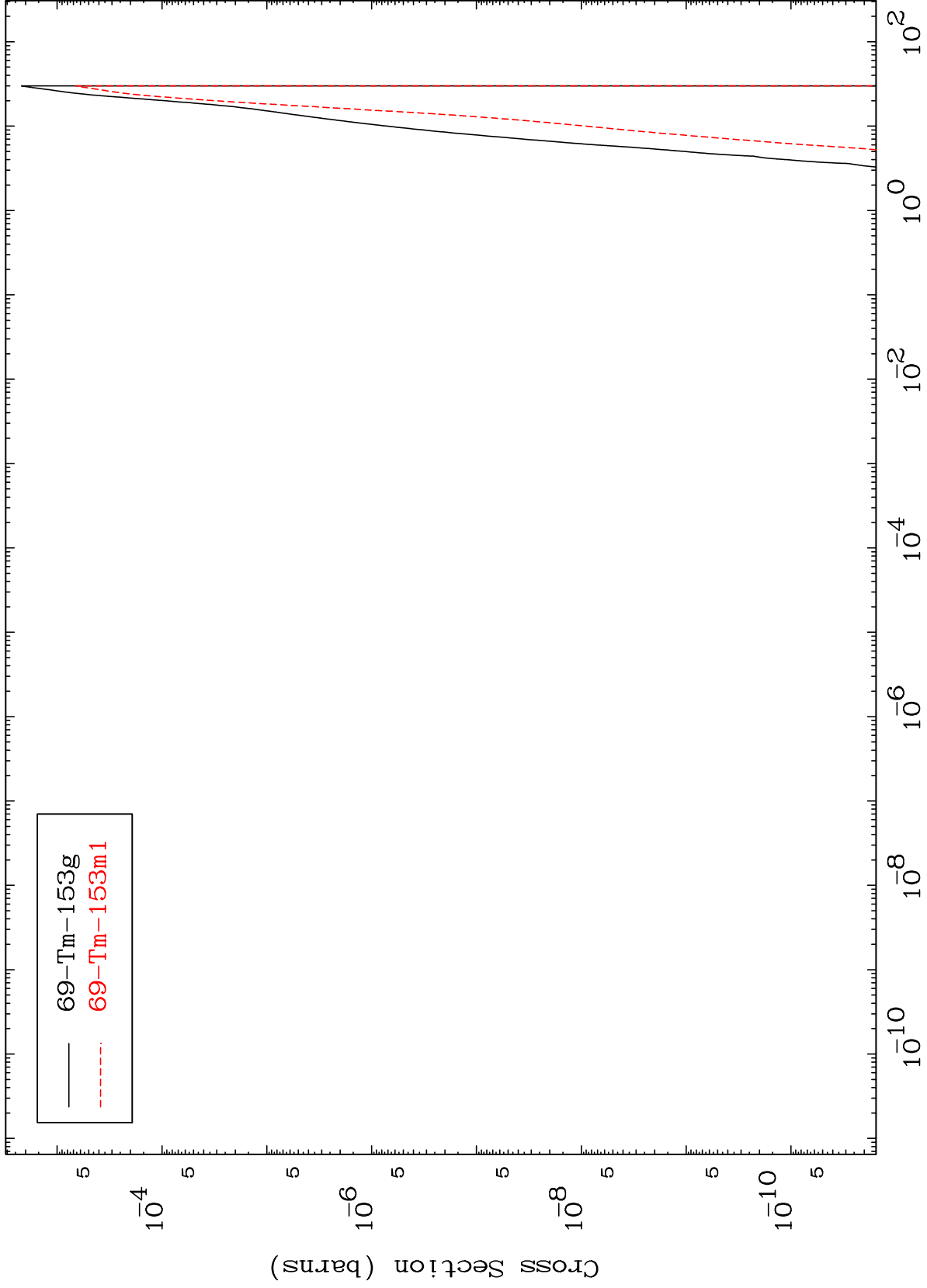
73-Ta-161

MAT 7268

(n,n') 2α

73-Ta-161

Radionuclide Production Cross Section



86

Incident Energy (MeV)

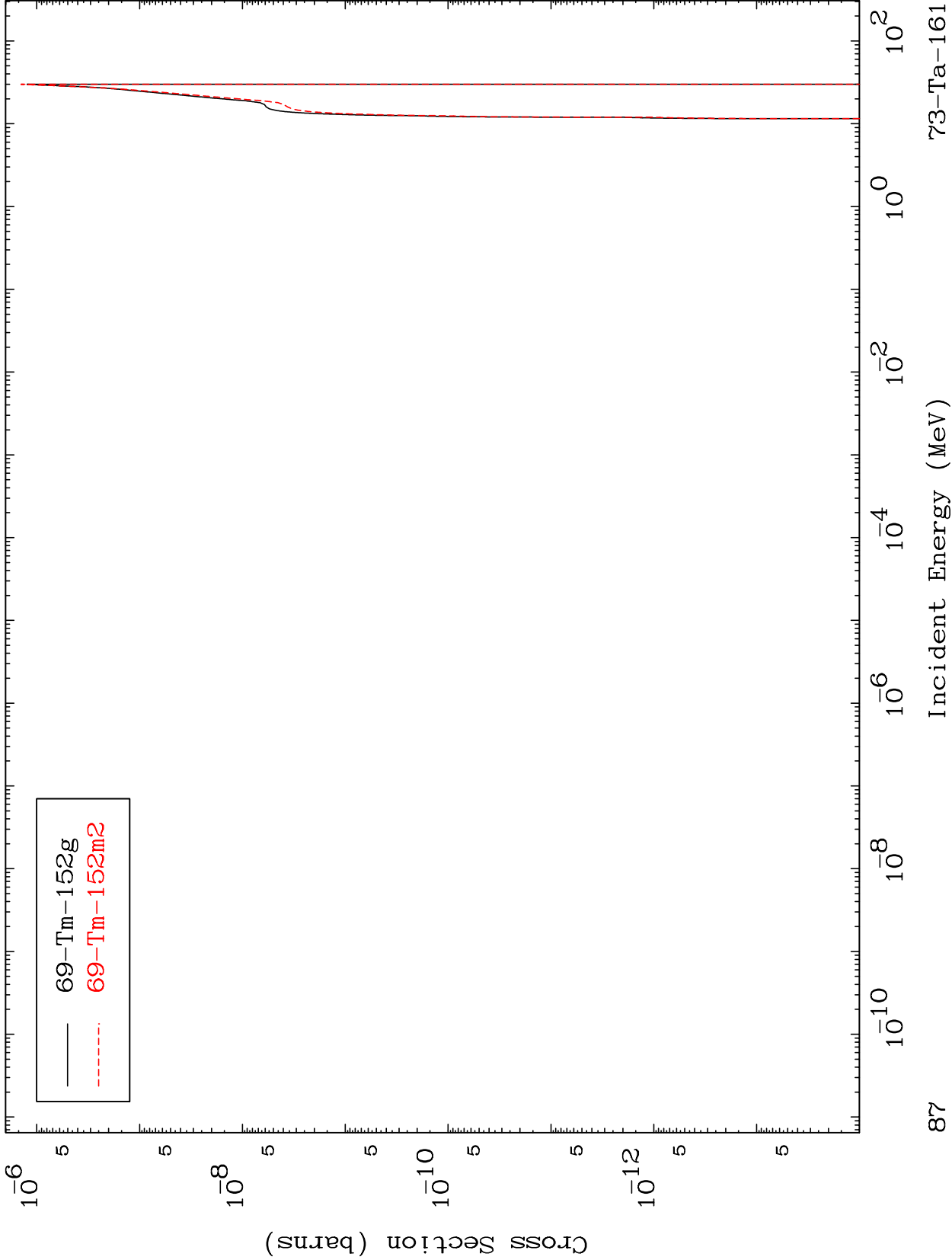
73-Ta-161

MAT 7268

(n,2n) 2α

73-Ta-161

Radionuclide Production Cross Section



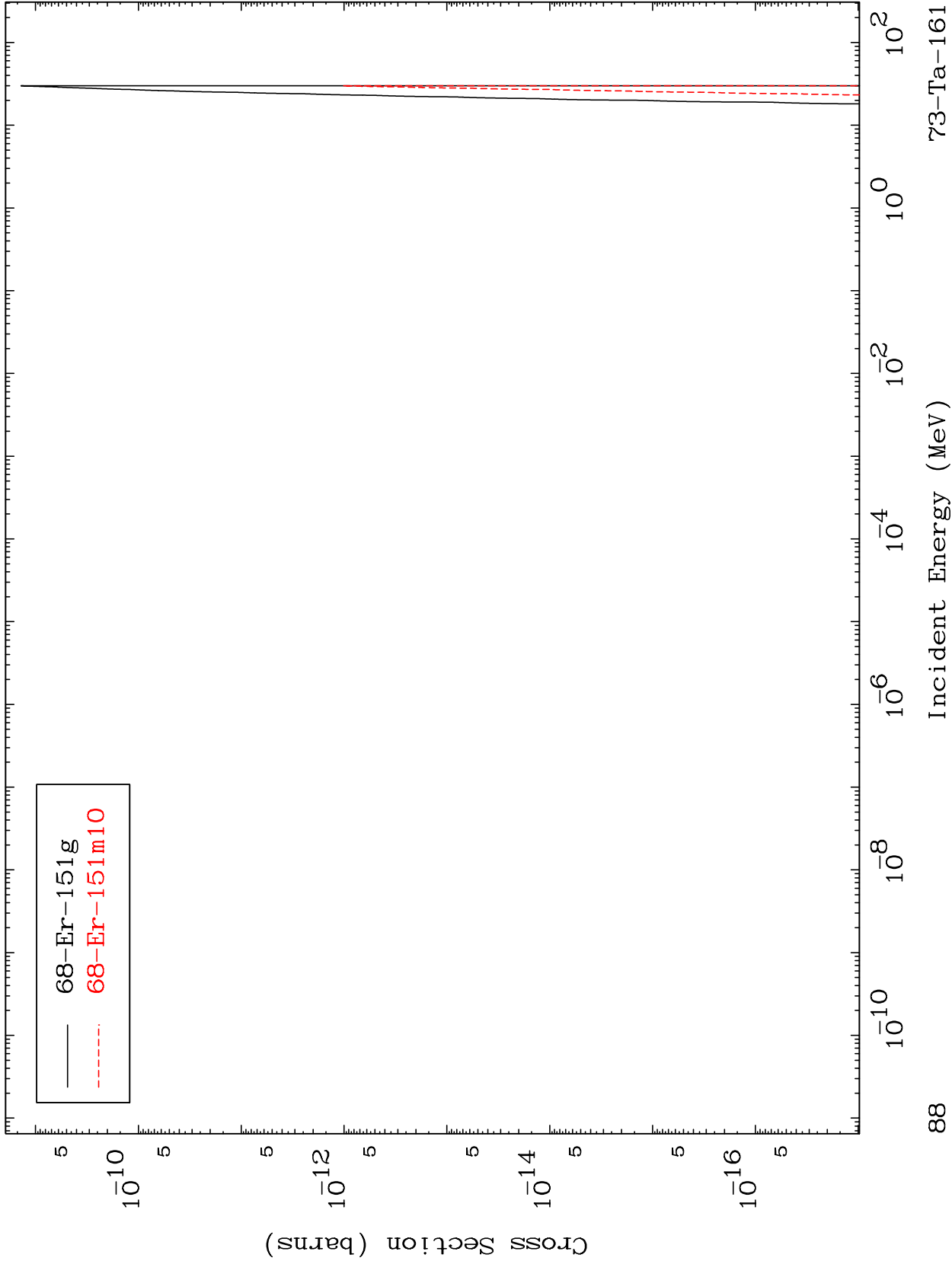
69-Tm-152g
69-Tm-152m2

MAT 7268

(n,n') d,2α

73-Ta-161

Radionuclide Production Cross Section



88

Incident Energy (MeV)

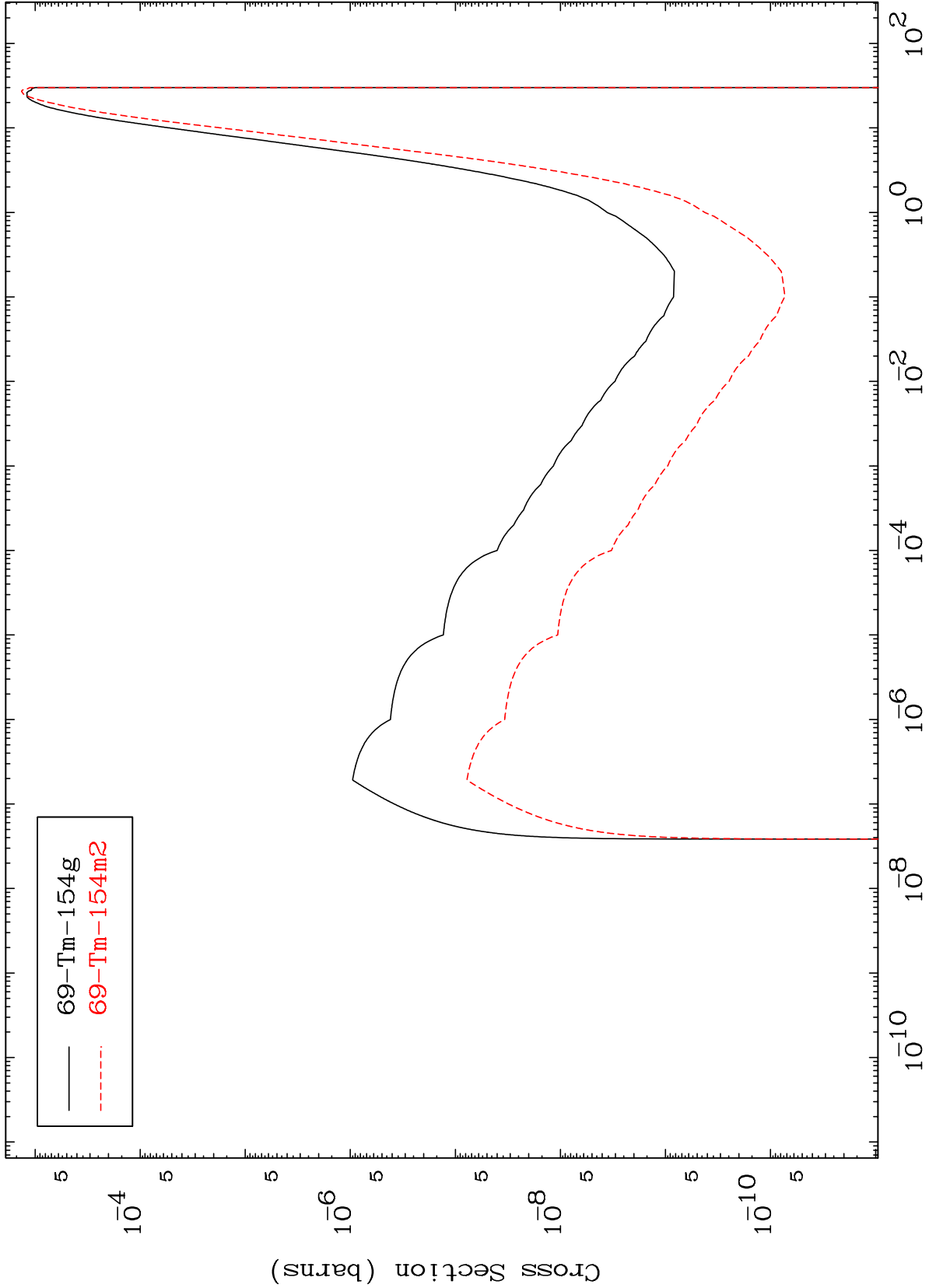
73-Ta-161

MAT 7268

(n,2α)

73-Ta-161

Radionuclide Production Cross Section



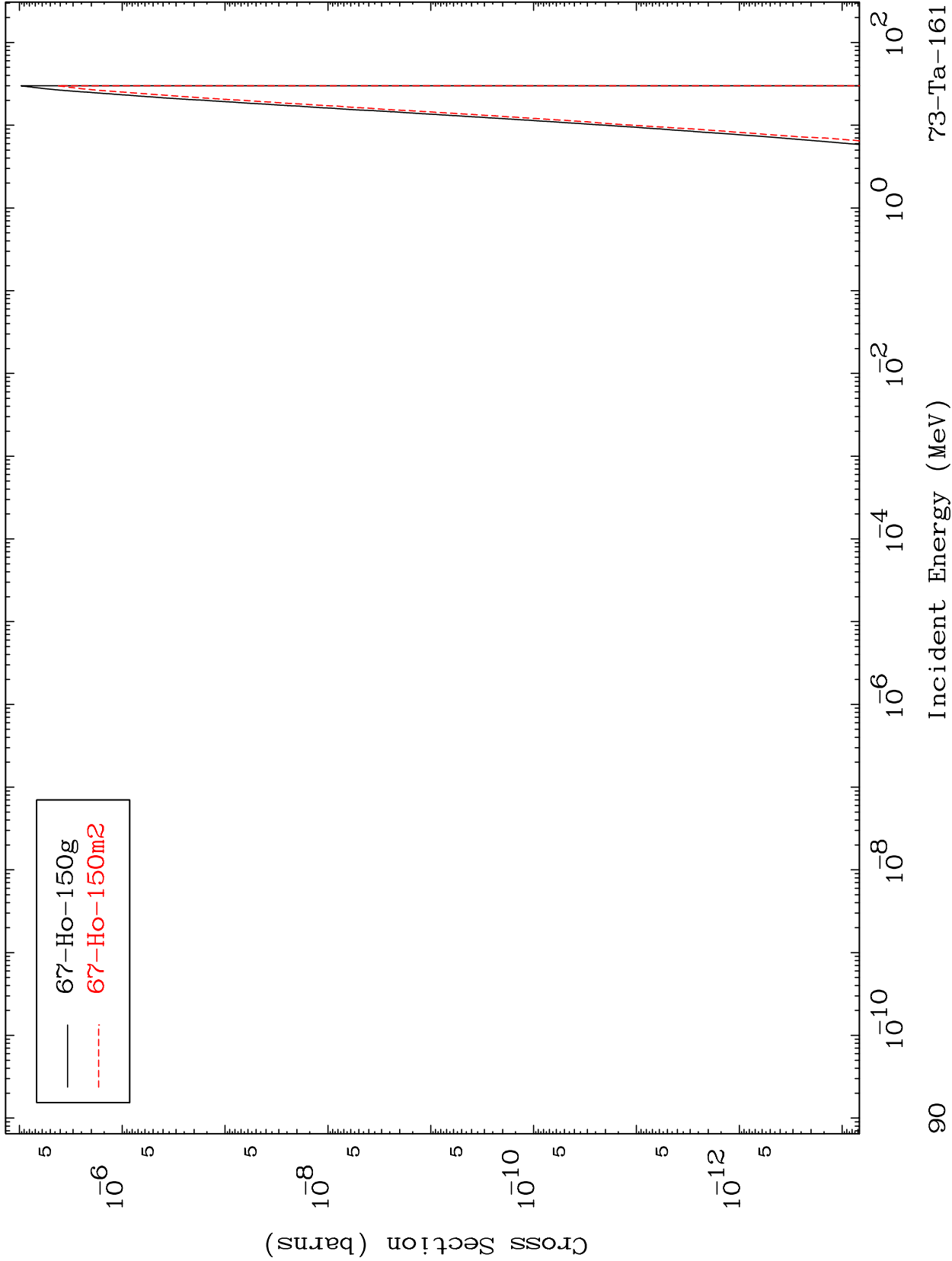
— 69-Tm-154g
- - - 69-Tm-154m2

MAT 7268

(n, 3 α)

73-Ta-161

Radionuclide Production Cross Section



90

Incident Energy (MeV)

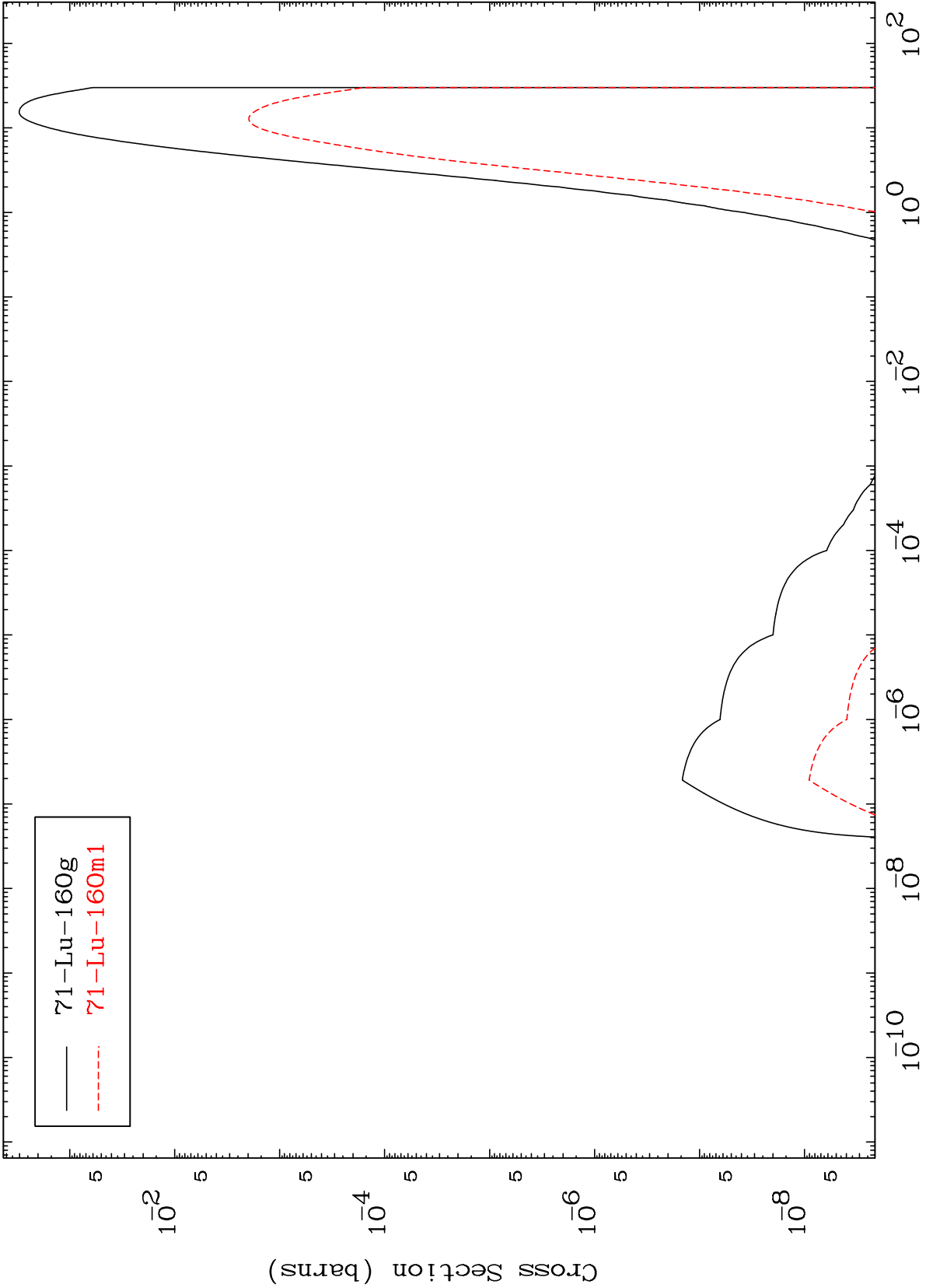
73-Ta-161

MAT 7268

(n,2p)

73-Ta-161

Radionuclide Production Cross Section



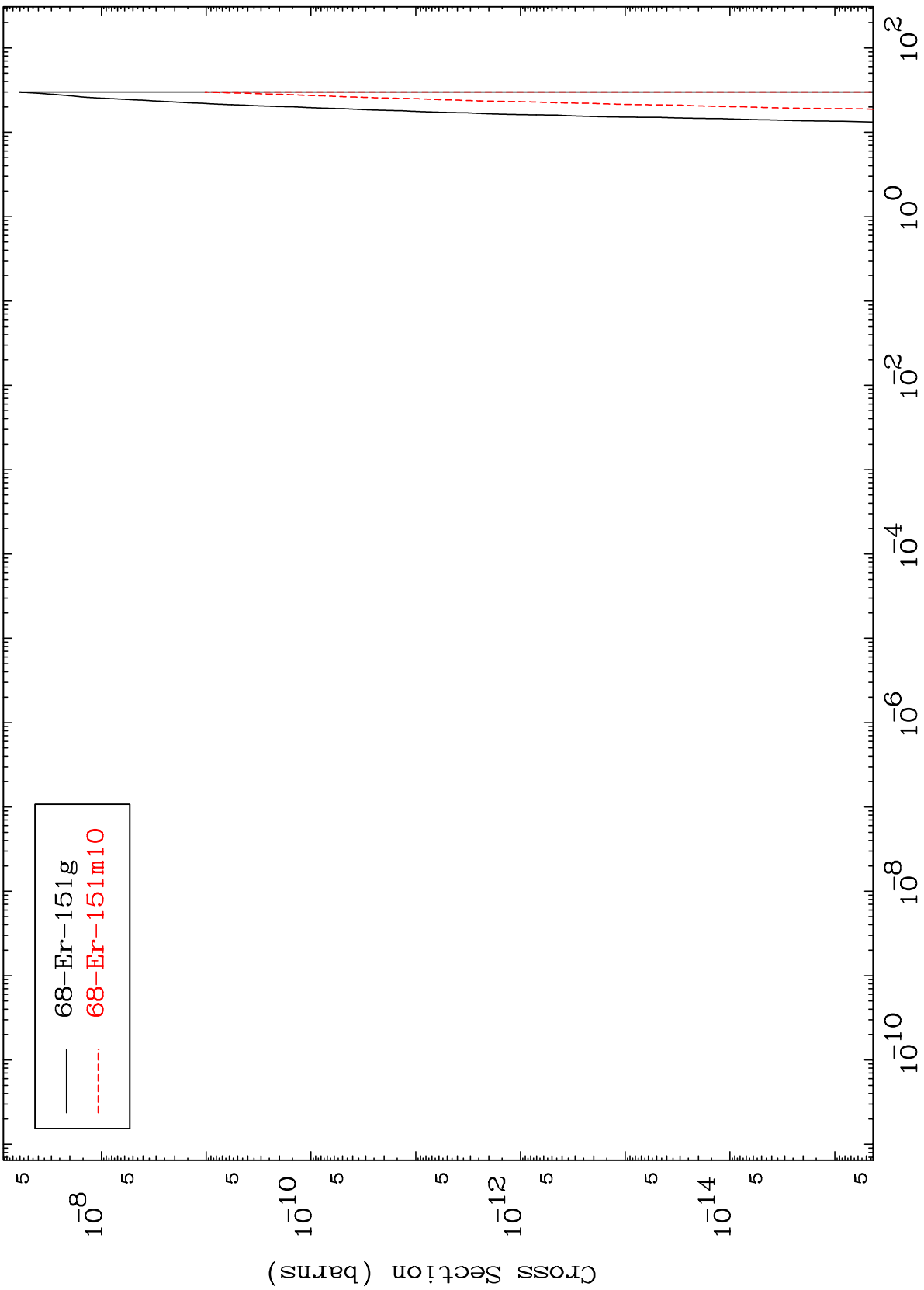
— 71-Lu-160g
- - - 71-Lu-160m1

MAT 7268

(n,t) 2α

73-Ta-161

Radionuclide Production Cross Section



68-Er-151g
68-Er-151m10