

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

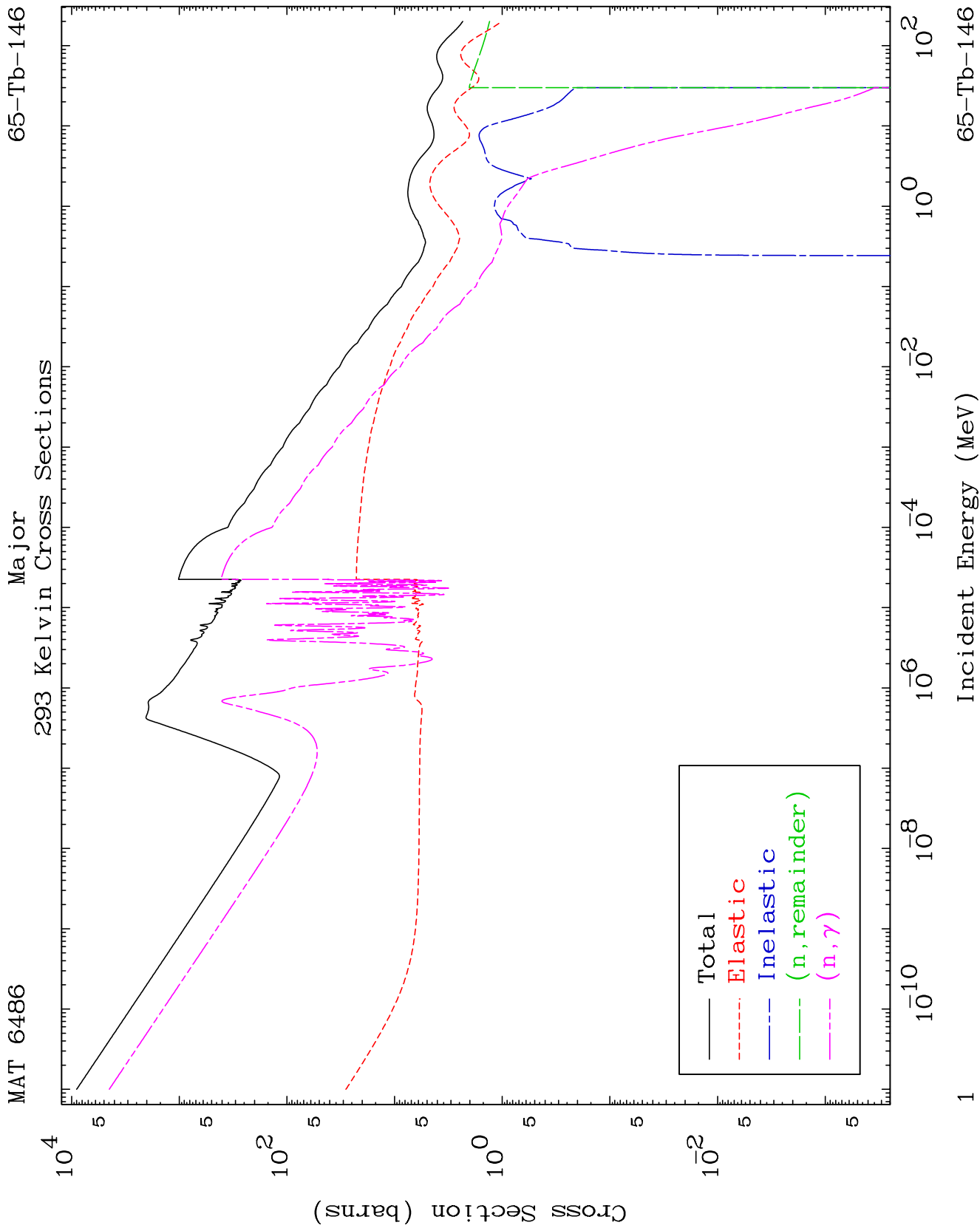
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

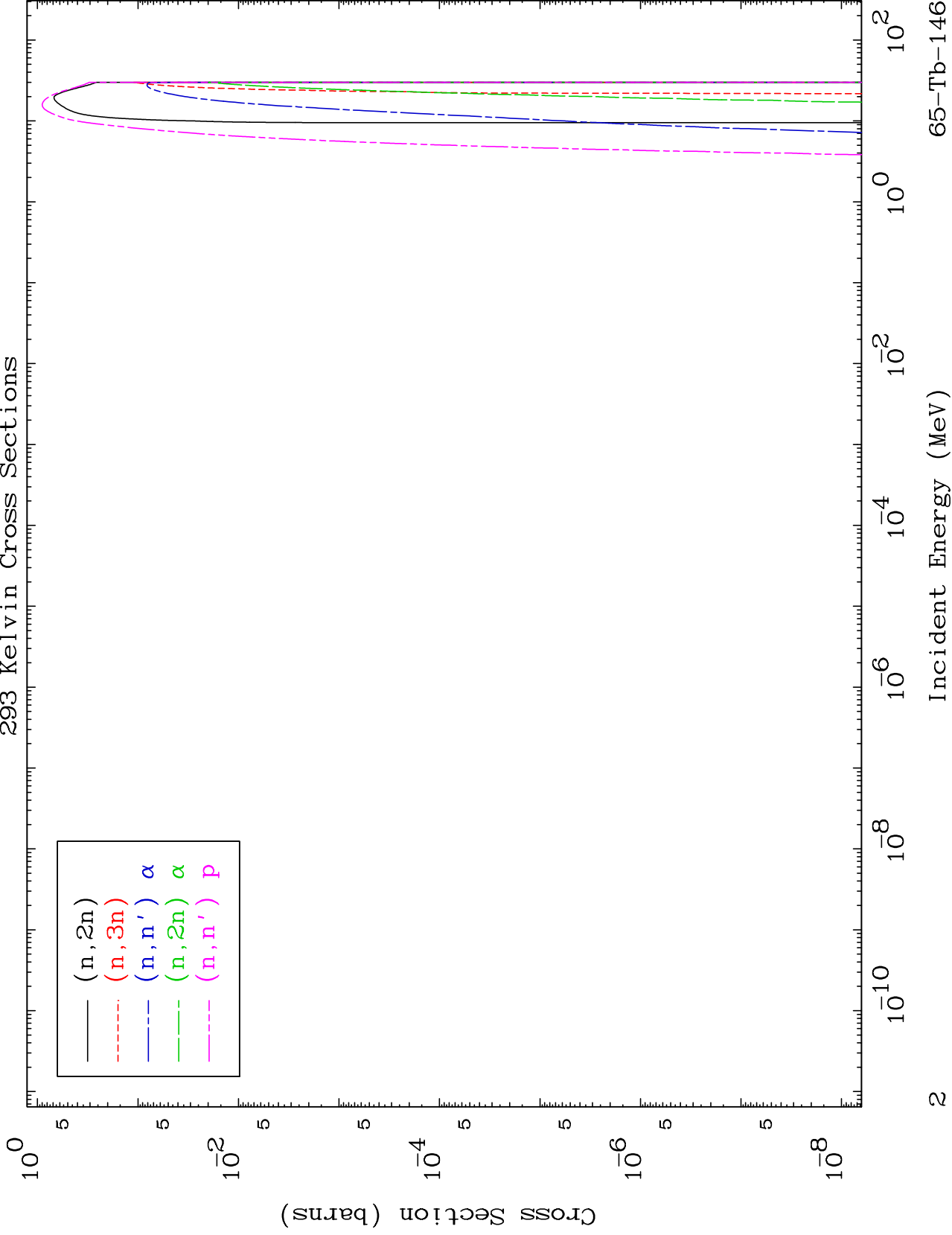
Press Mouse Button to Start



MAT 6486

Neutron Production
293 Kelvin Cross Sections

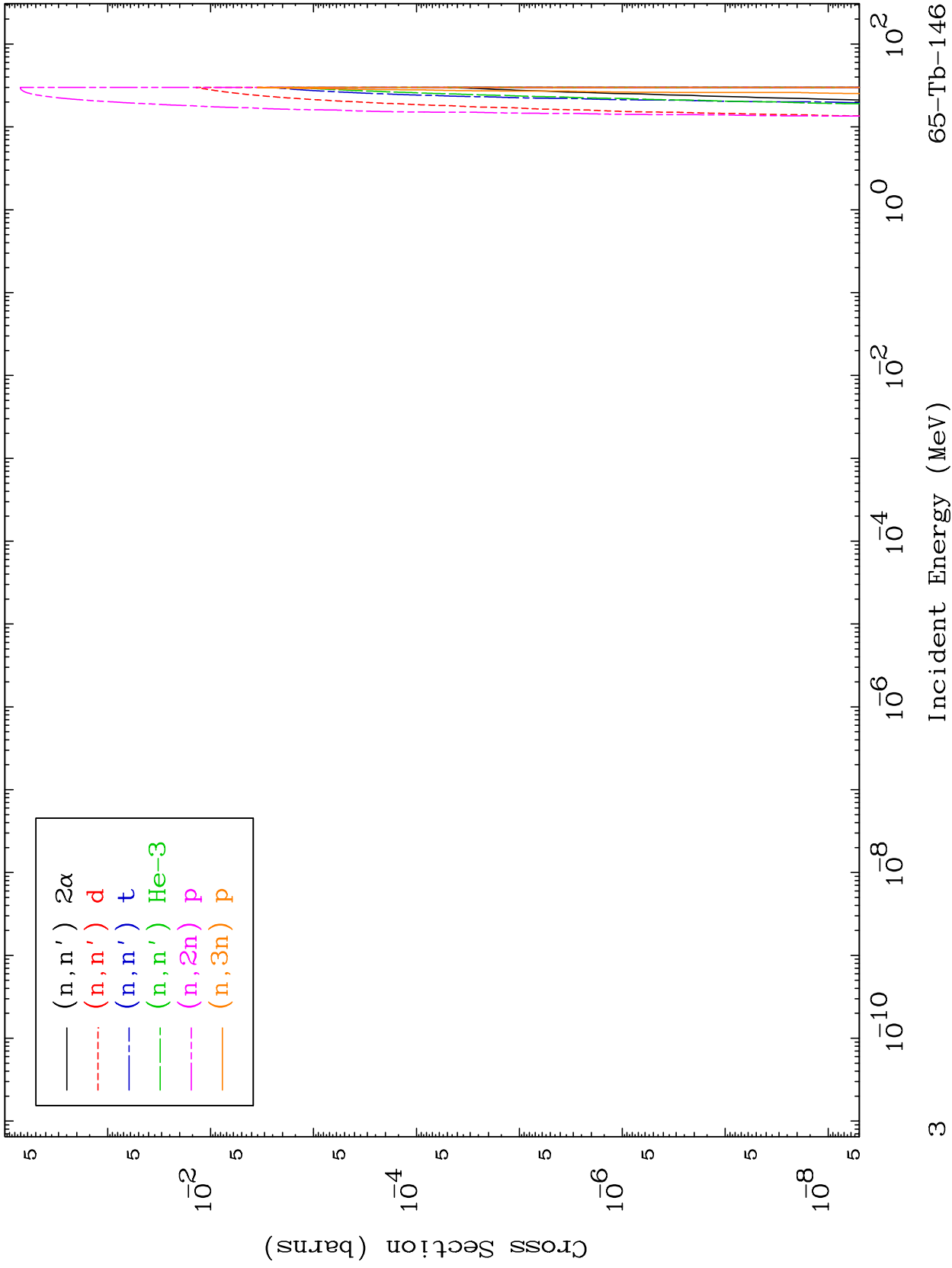
65-Tb-146



MAT 6486

Neutron Production
293 Kelvin Cross Sections

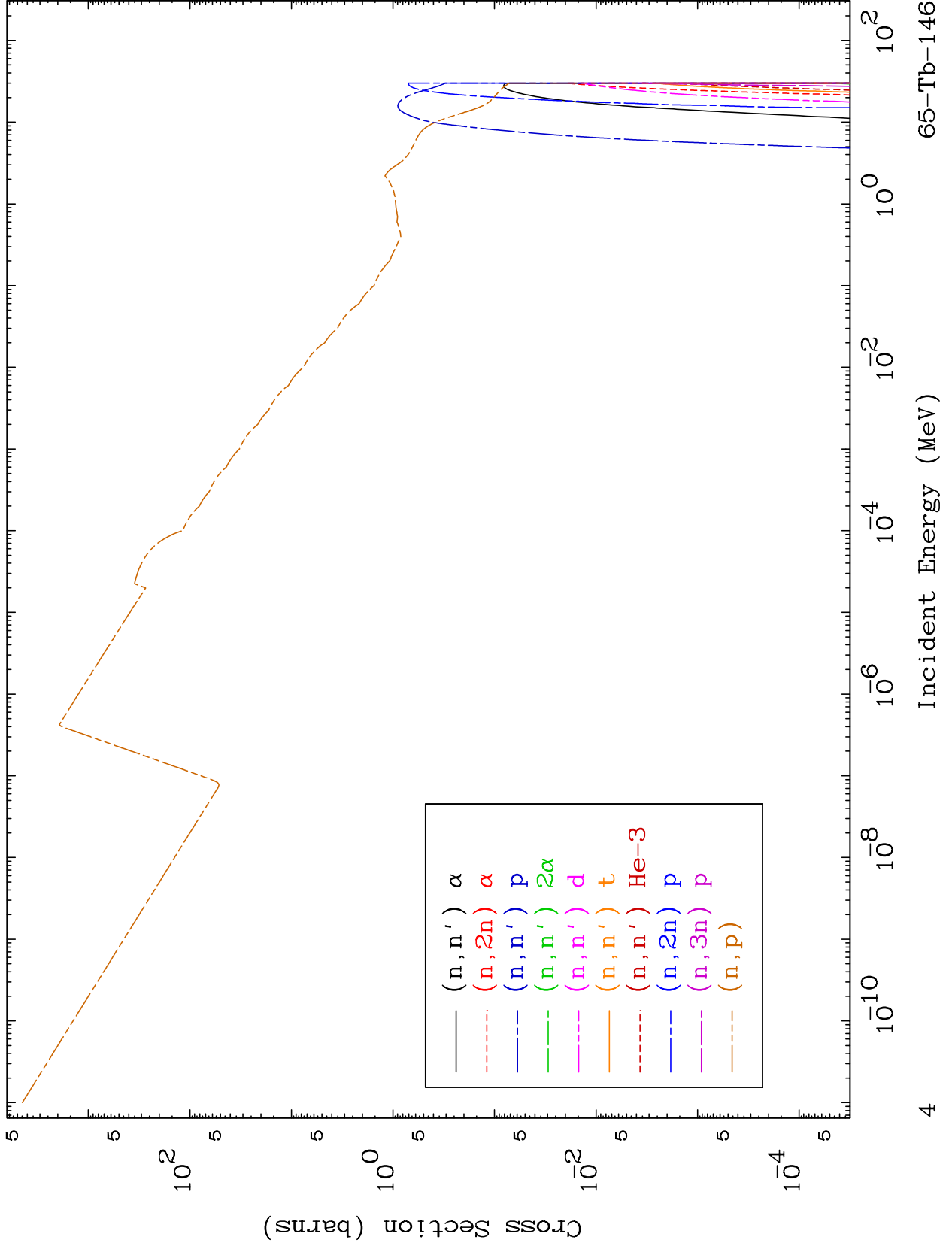
65-Tb-146



MAT 6486

Charged Particle
293 Kelvin Cross Sections

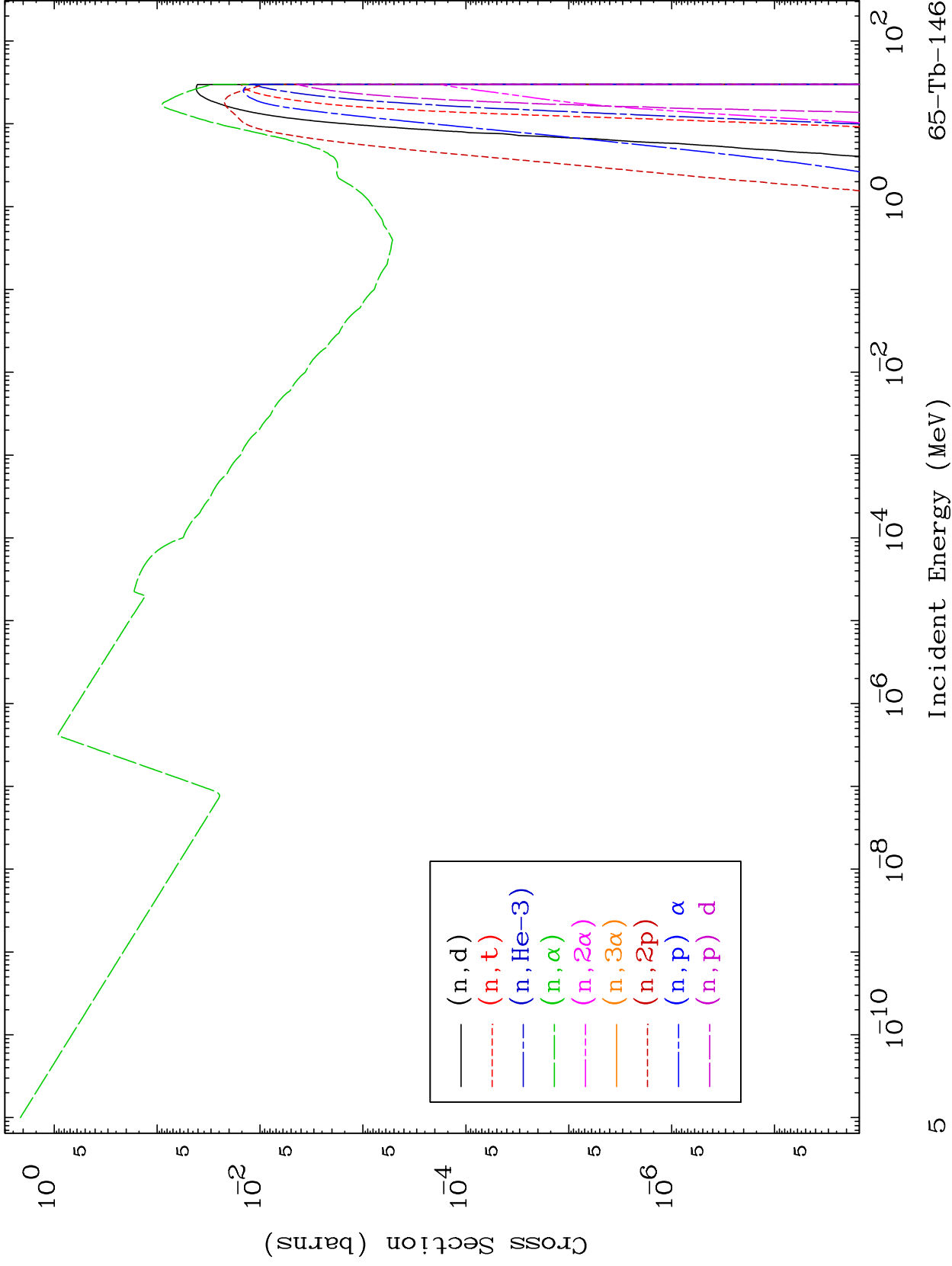
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MAT 6486

Charged Particle
293 Kelvin Cross Sections

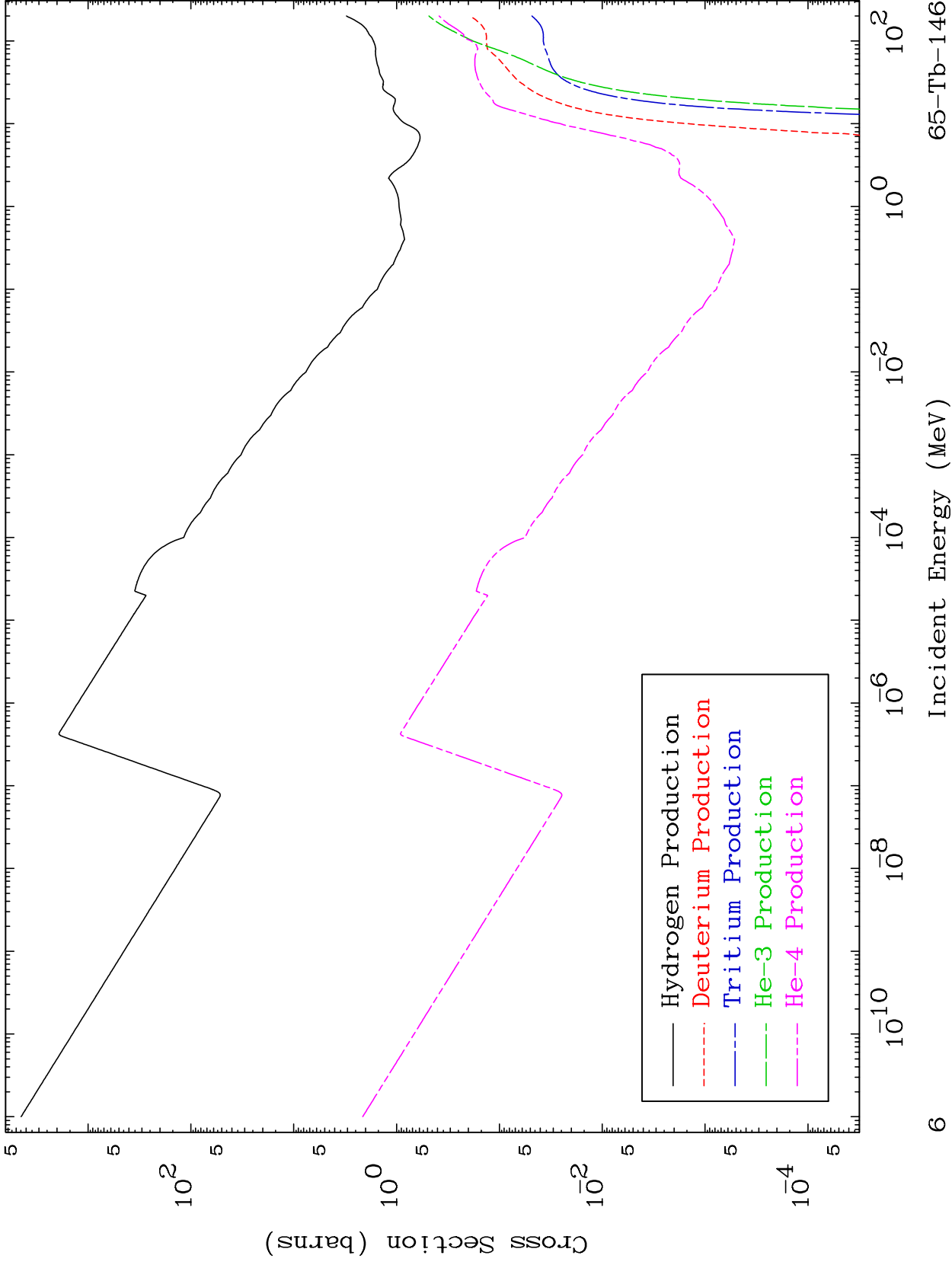
65-Tb-146



MAT 6486

Particle Production
293 Kelvin Cross Sections

65-Tb-146

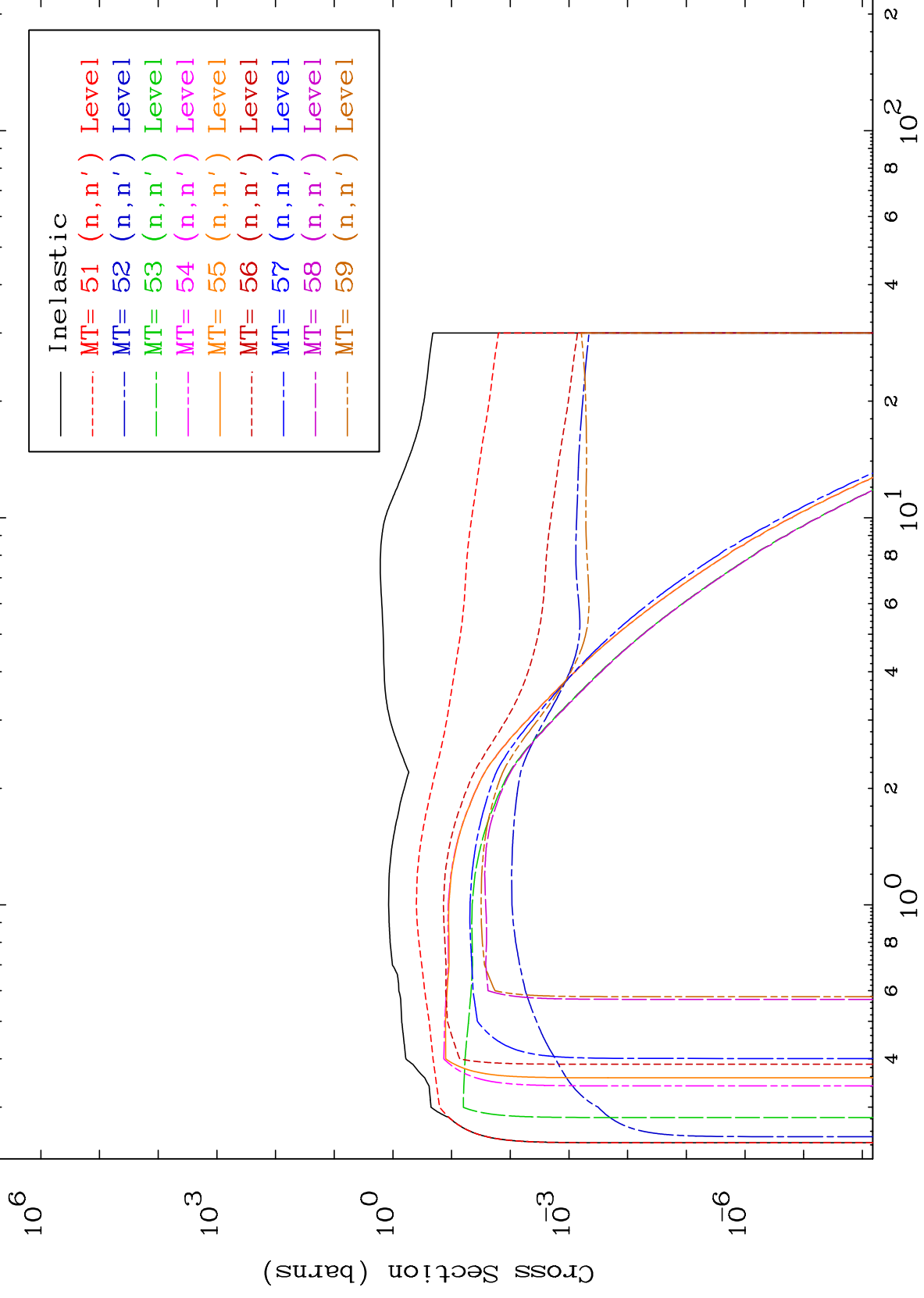


MAT 6486

(n,n') Level

65-Tb-146

293 Kelvin Cross Sections

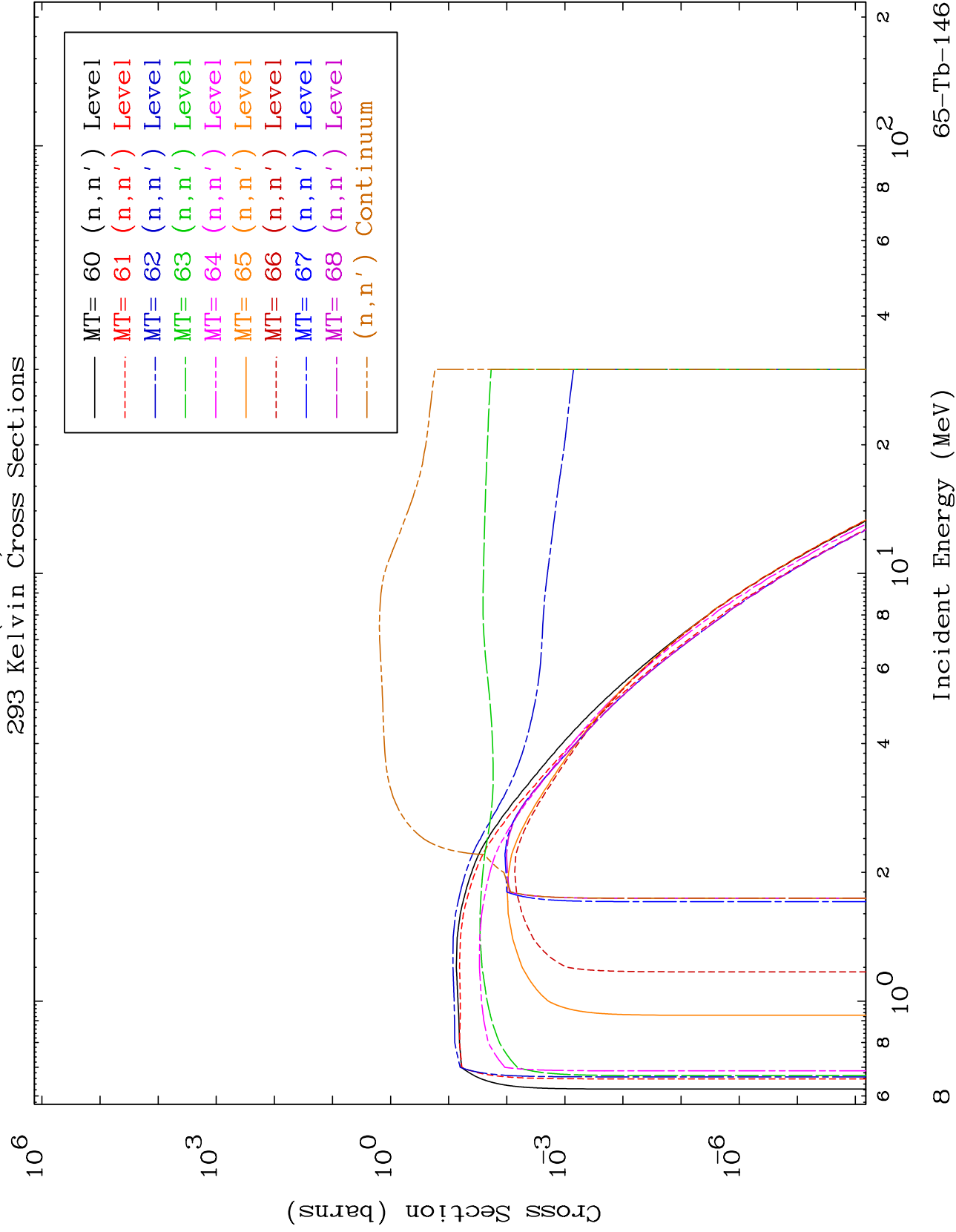


MAT 6486

(n,n') Level

65-Tb-146

293 Kelvin Cross Sections



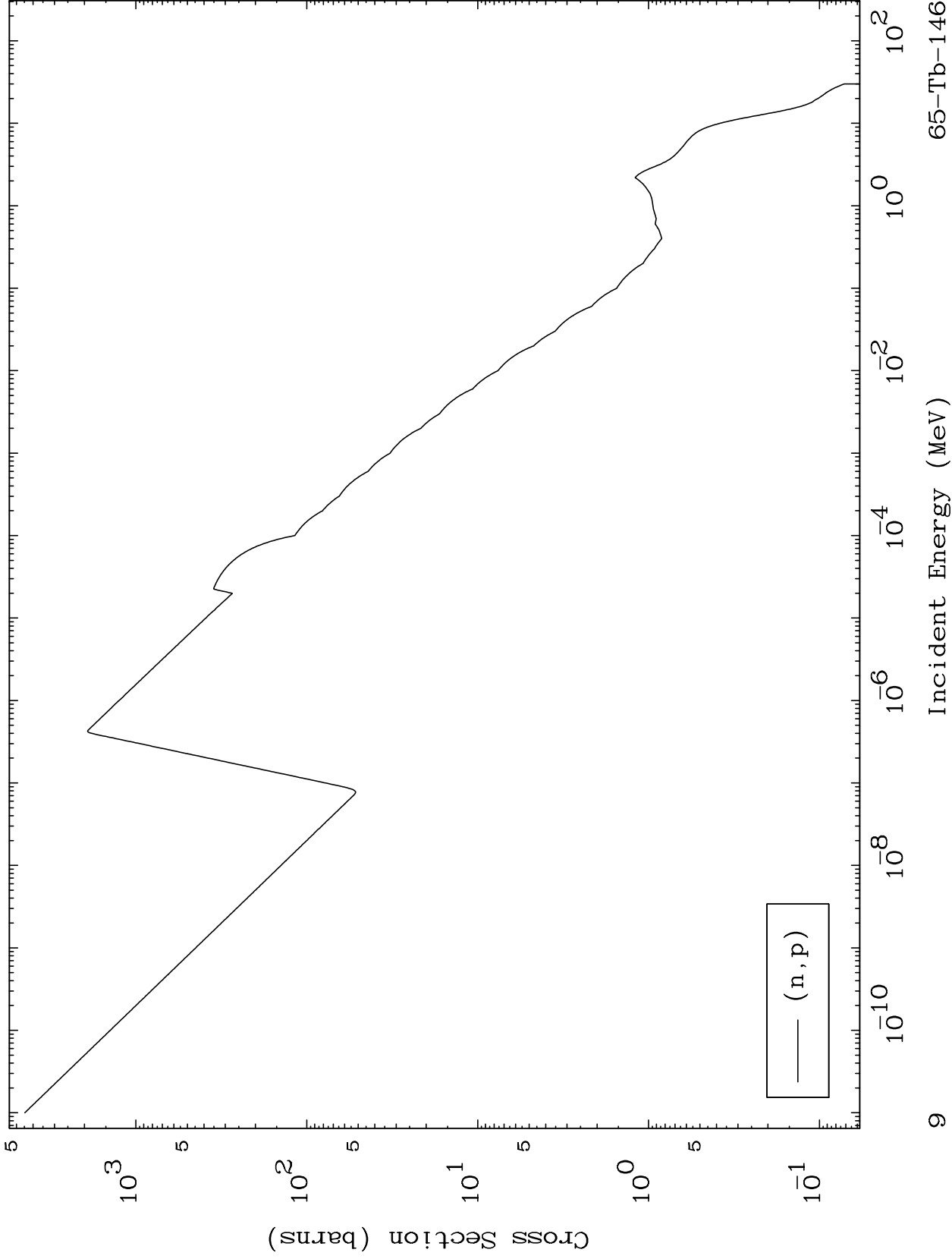
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,p) Levels
293 Kelvin Cross Sections

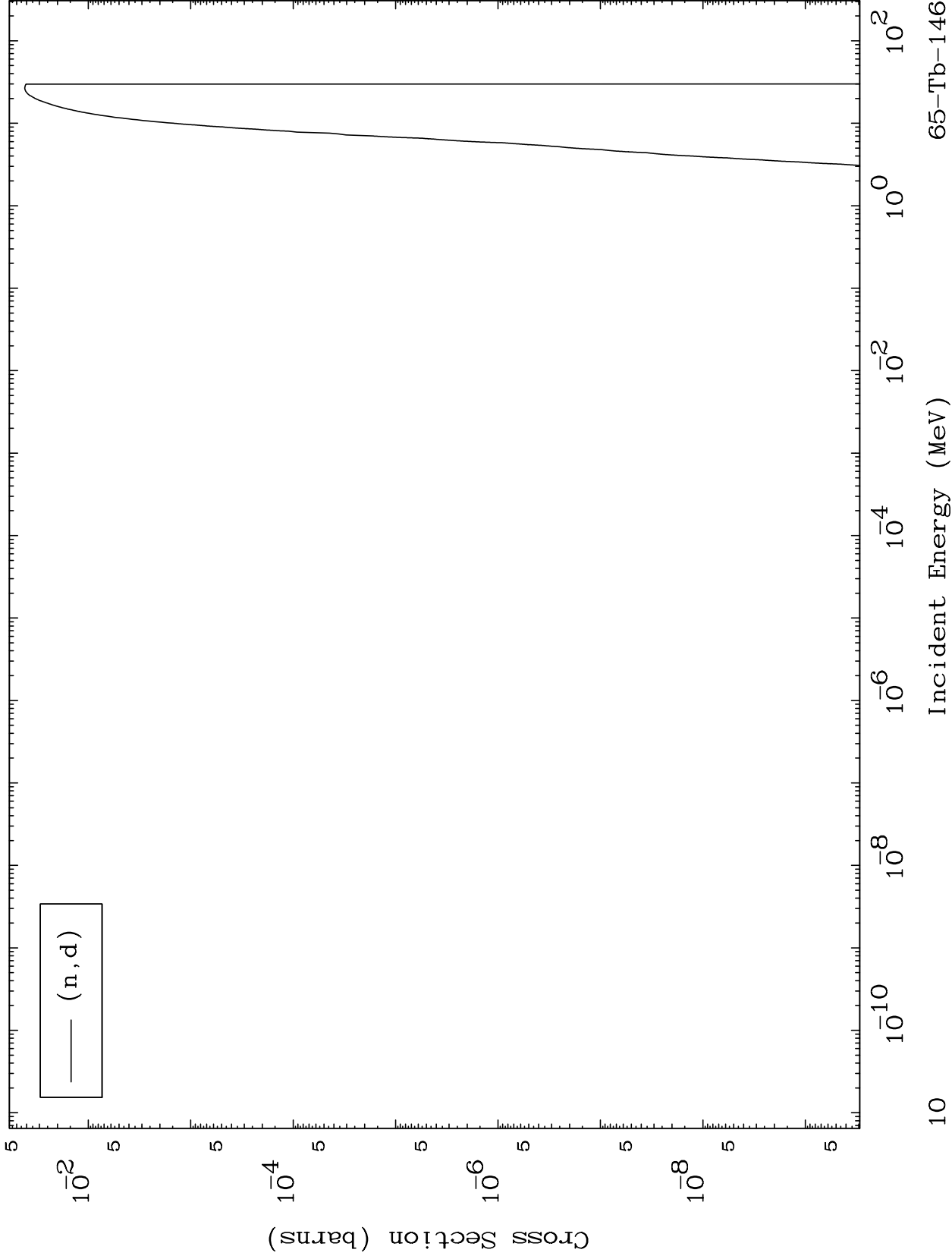
65-Tb-146



MAT 6486

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-146



10

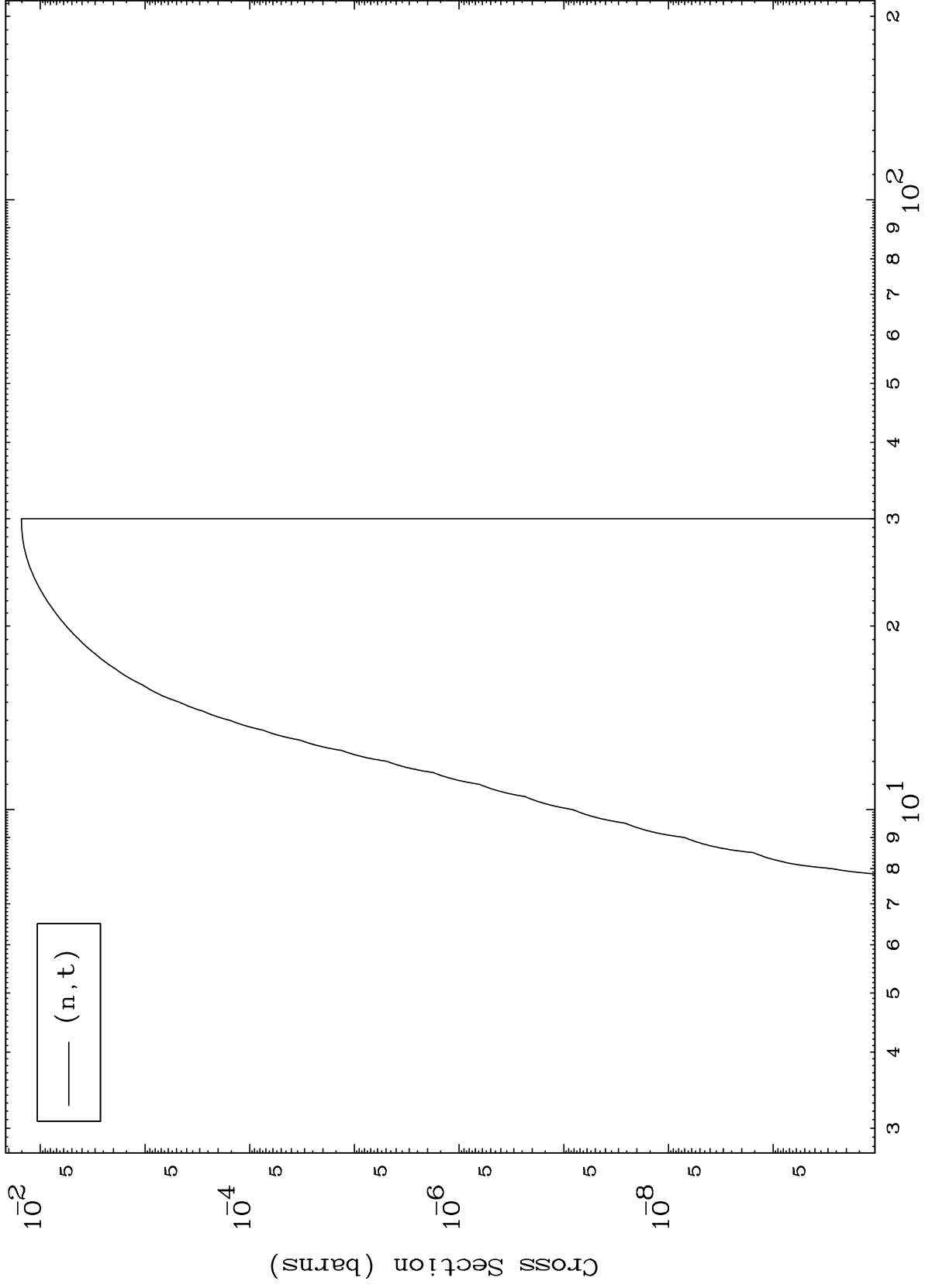
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,t) Levels
293 Kelvin Cross Sections

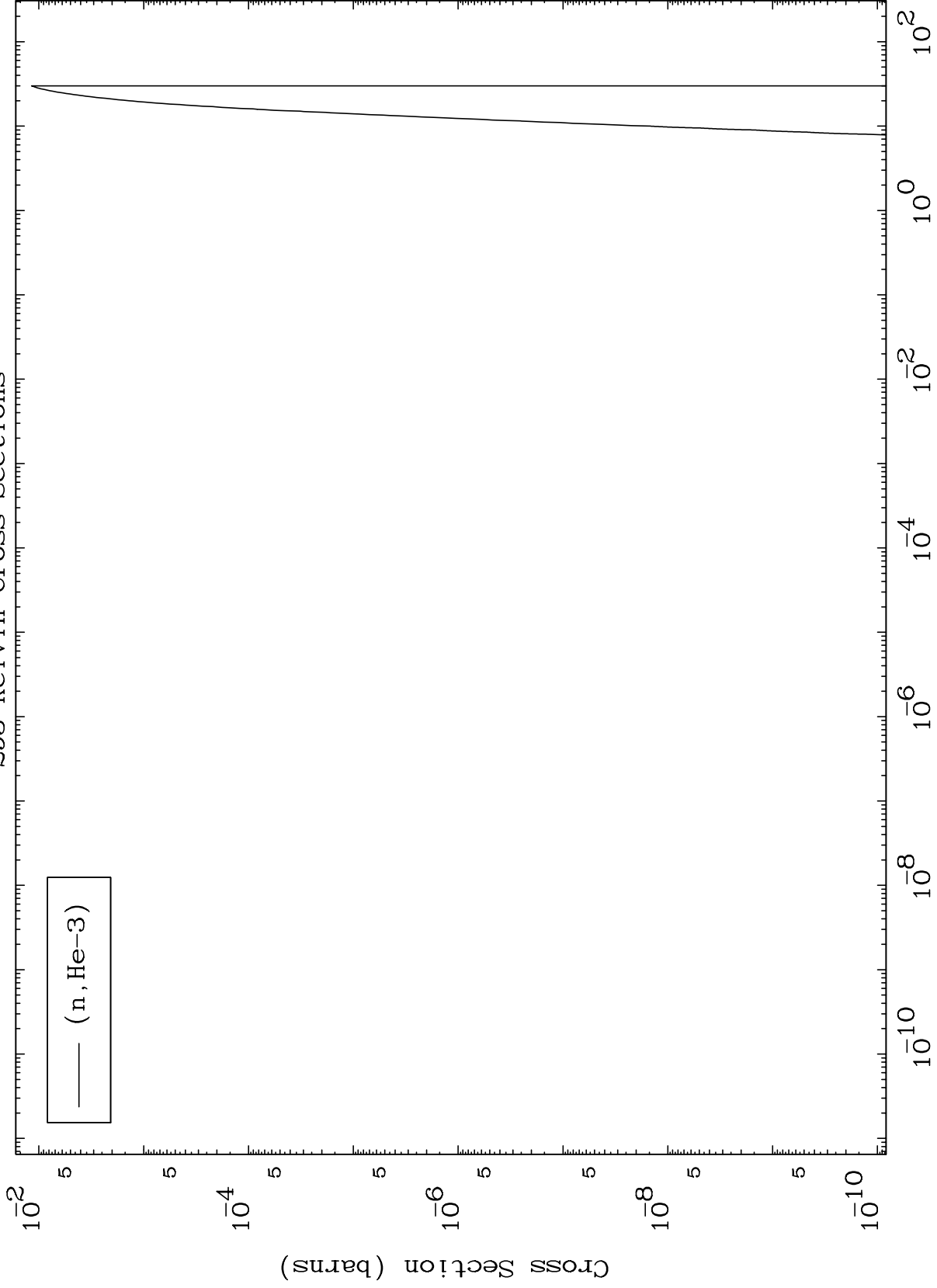
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MAT 6486

(n,He3) Levels
293 Kelvin Cross Sections

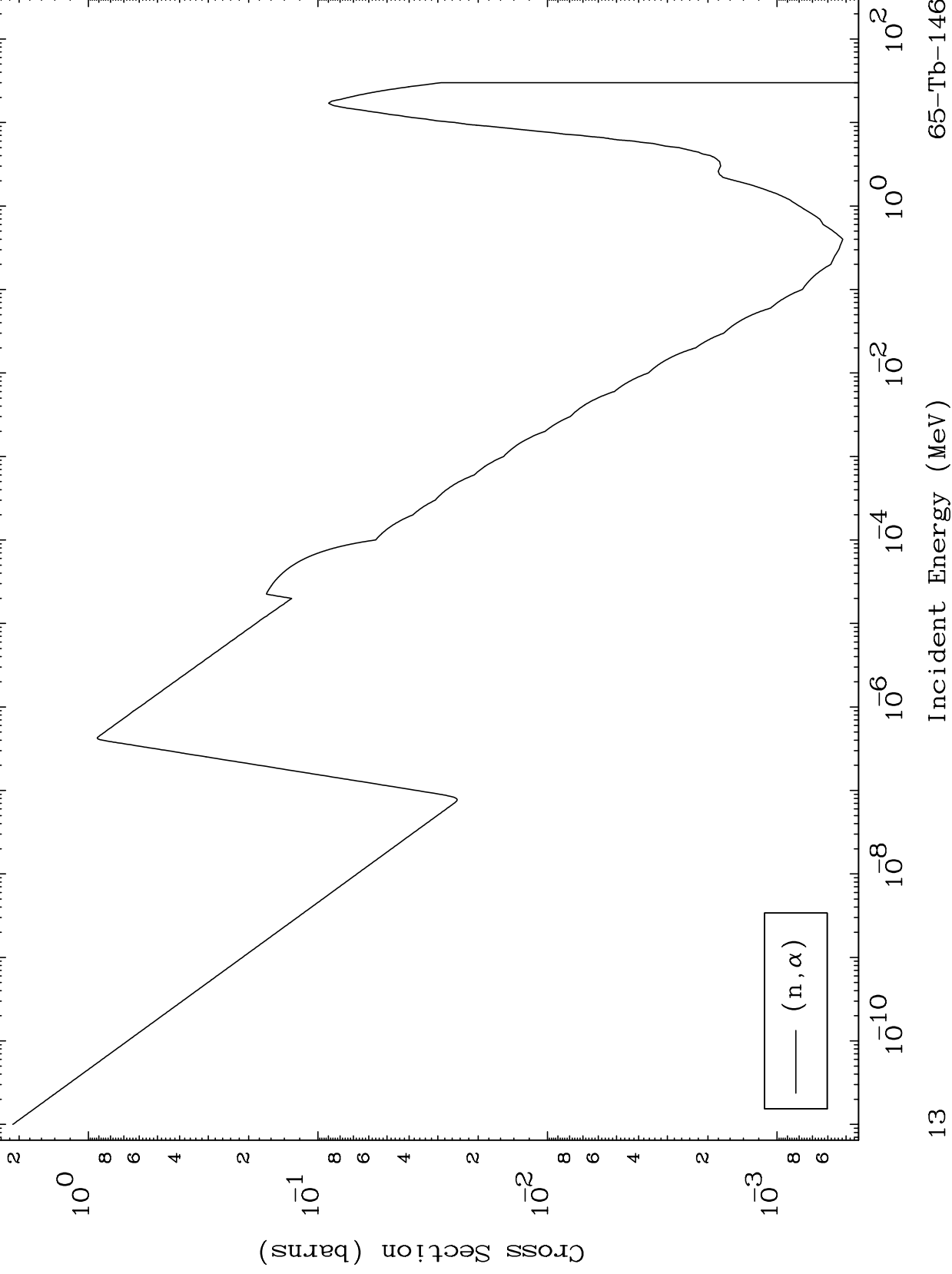
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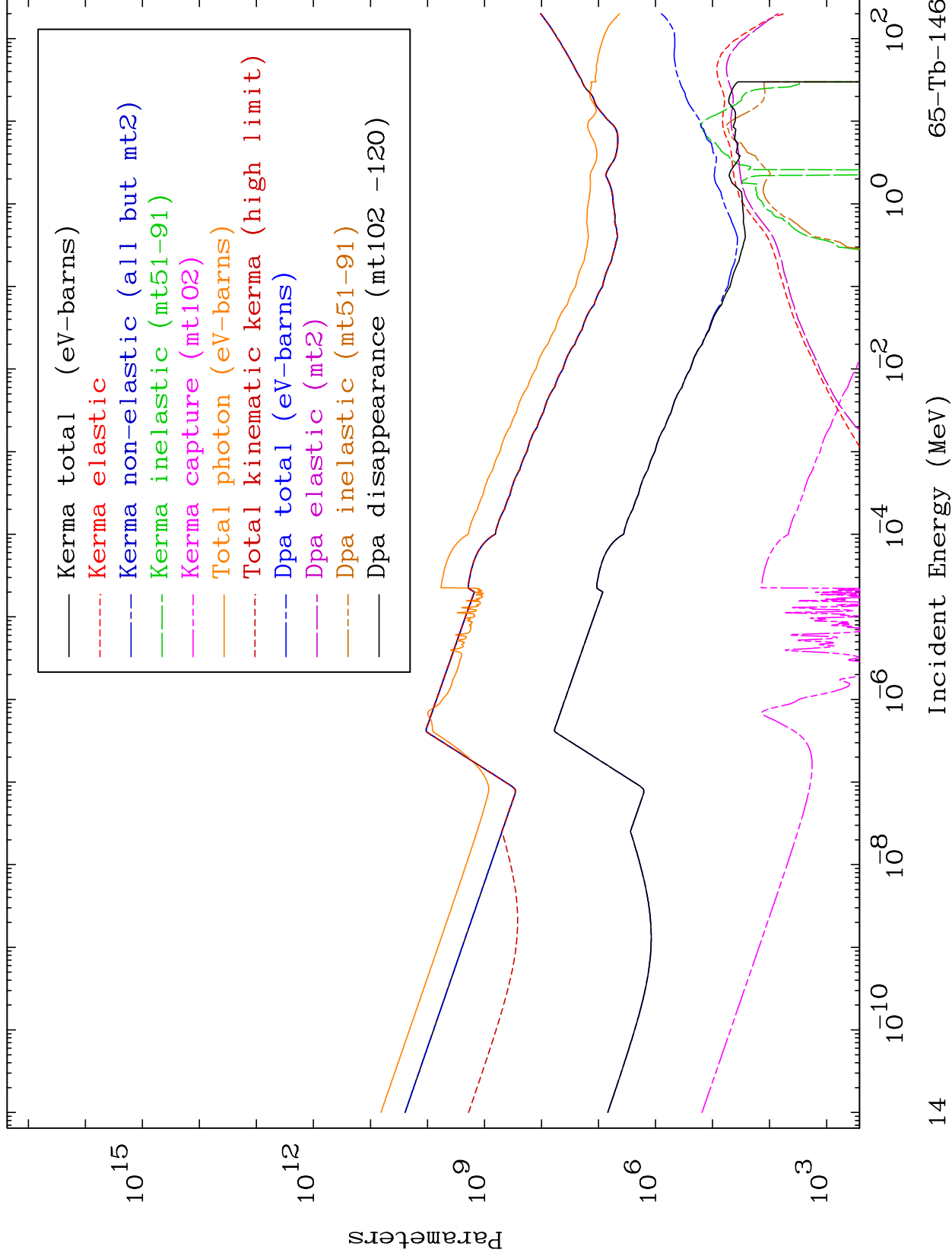


MAT 6486

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-146

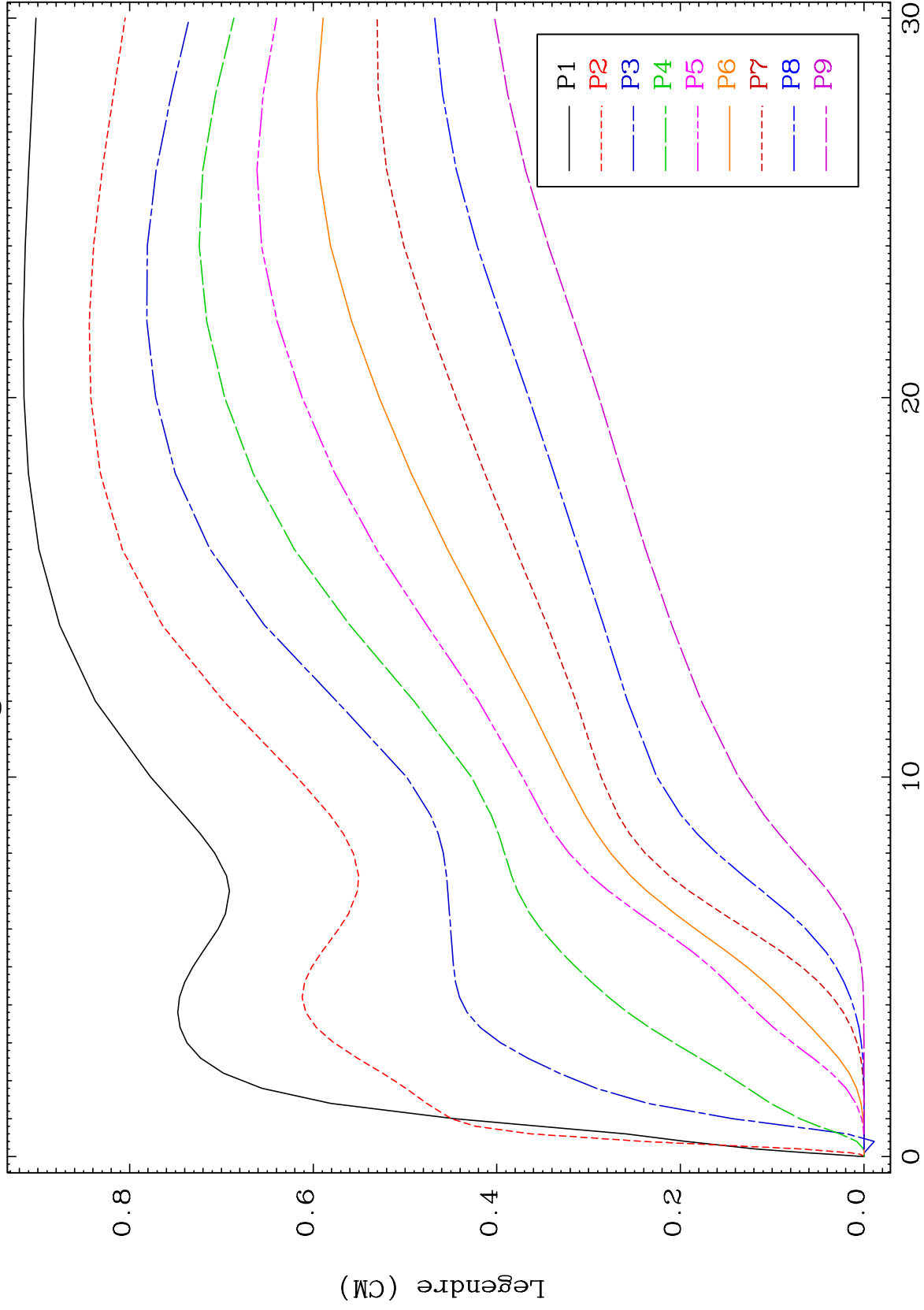




MAT 6486

Elastic Legendre Coefficients

65-Tb-146



15

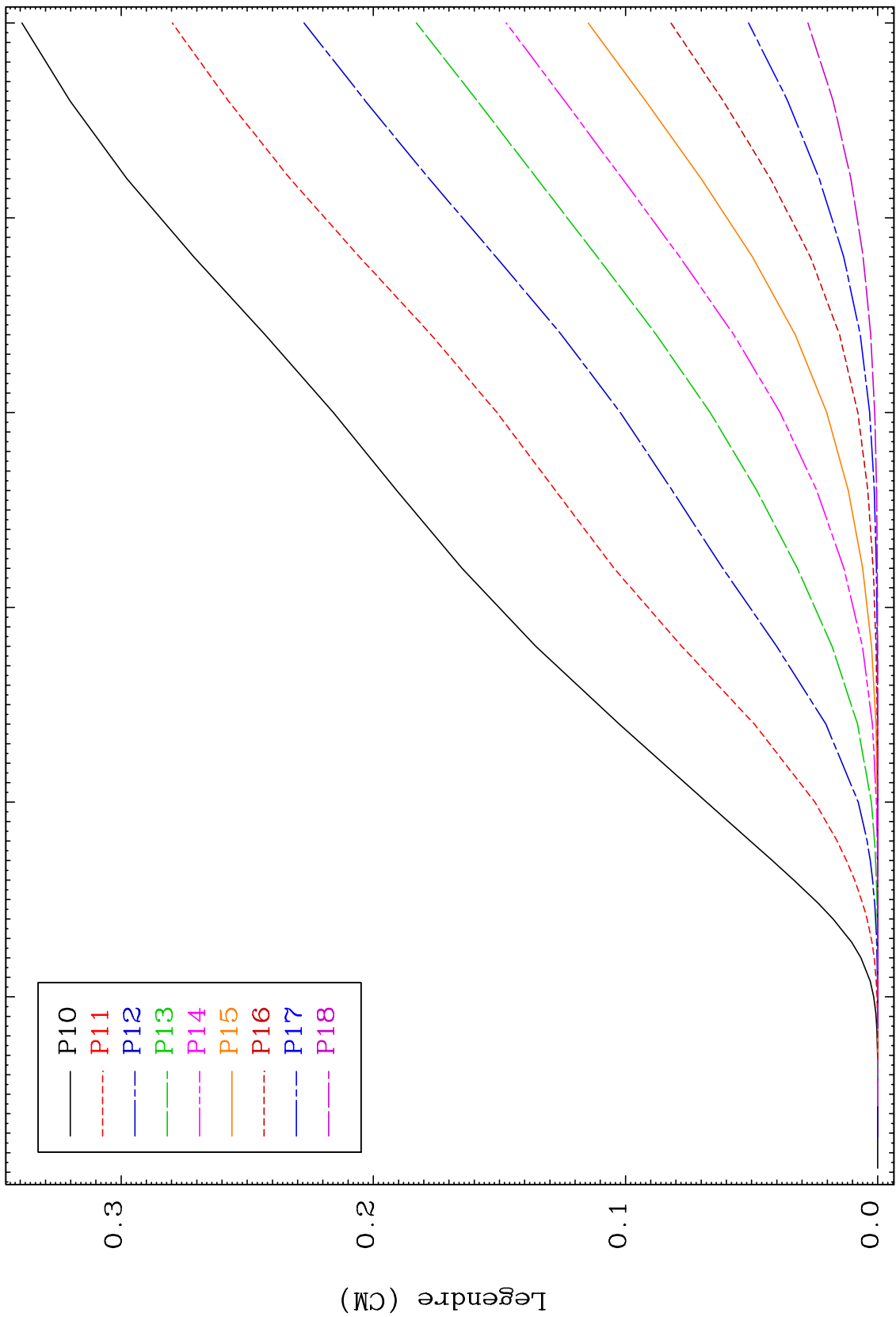
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



16

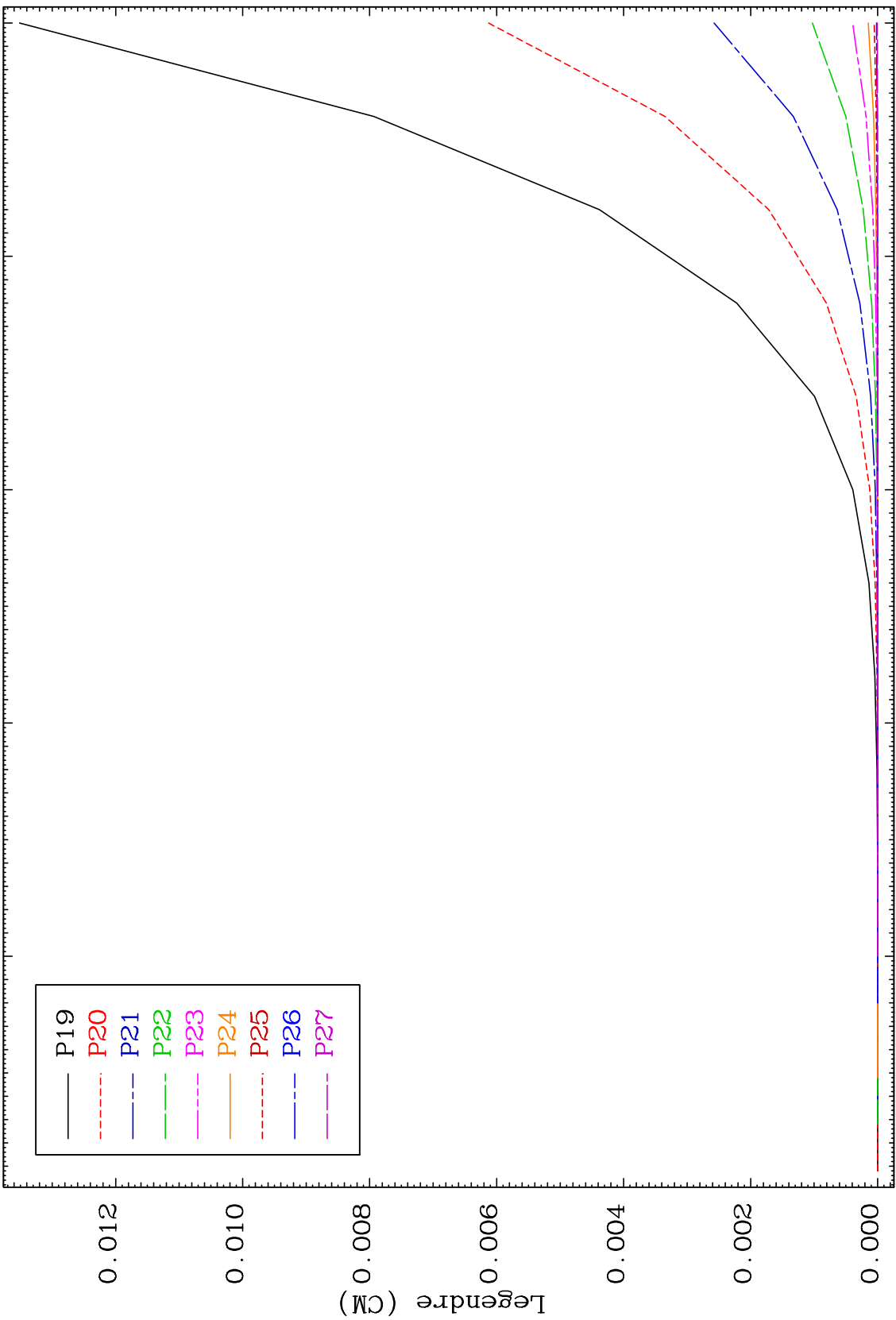
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



17

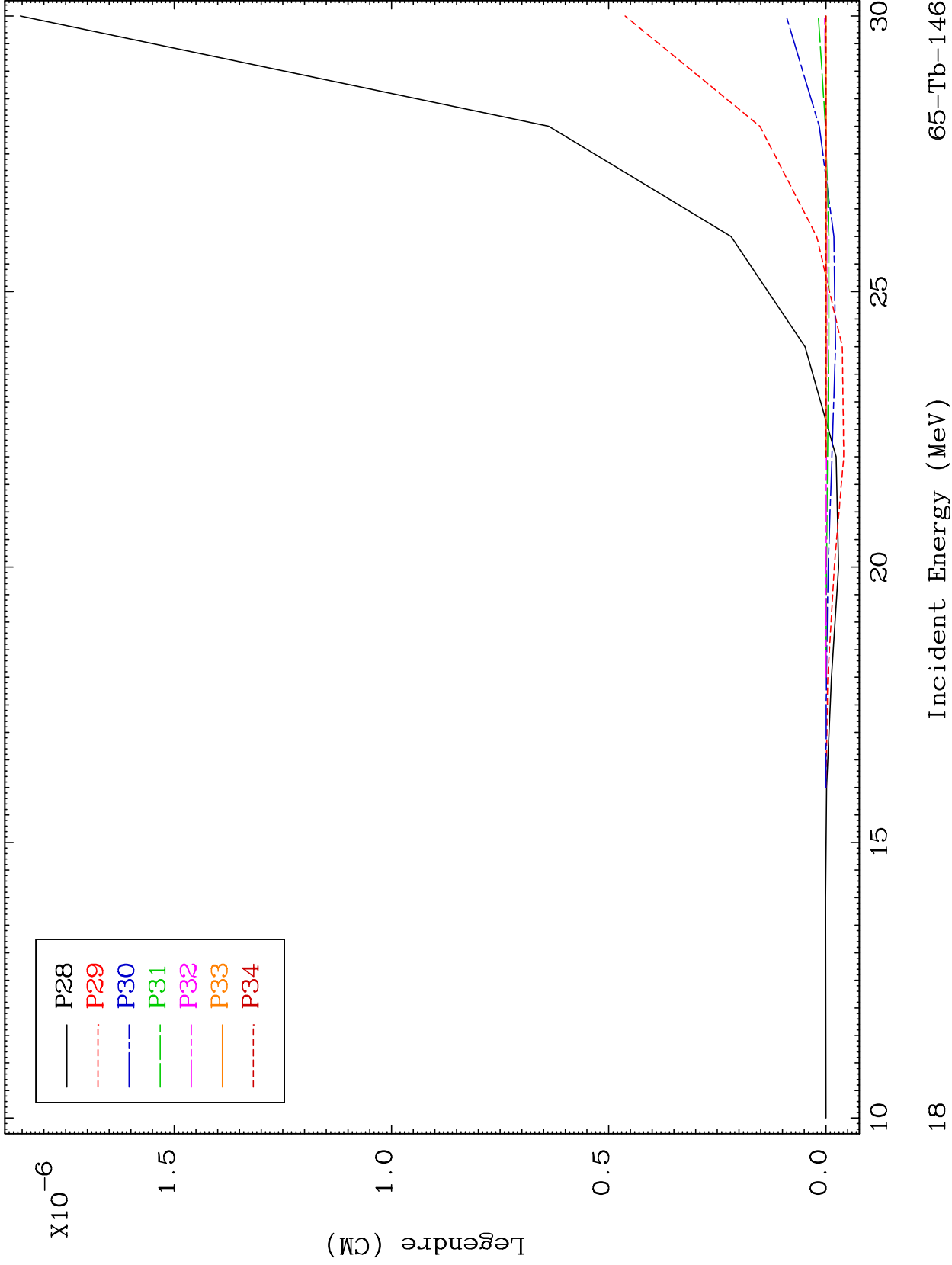
65-Tb-146

Incident Energy (MeV)

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



65-Tb-146

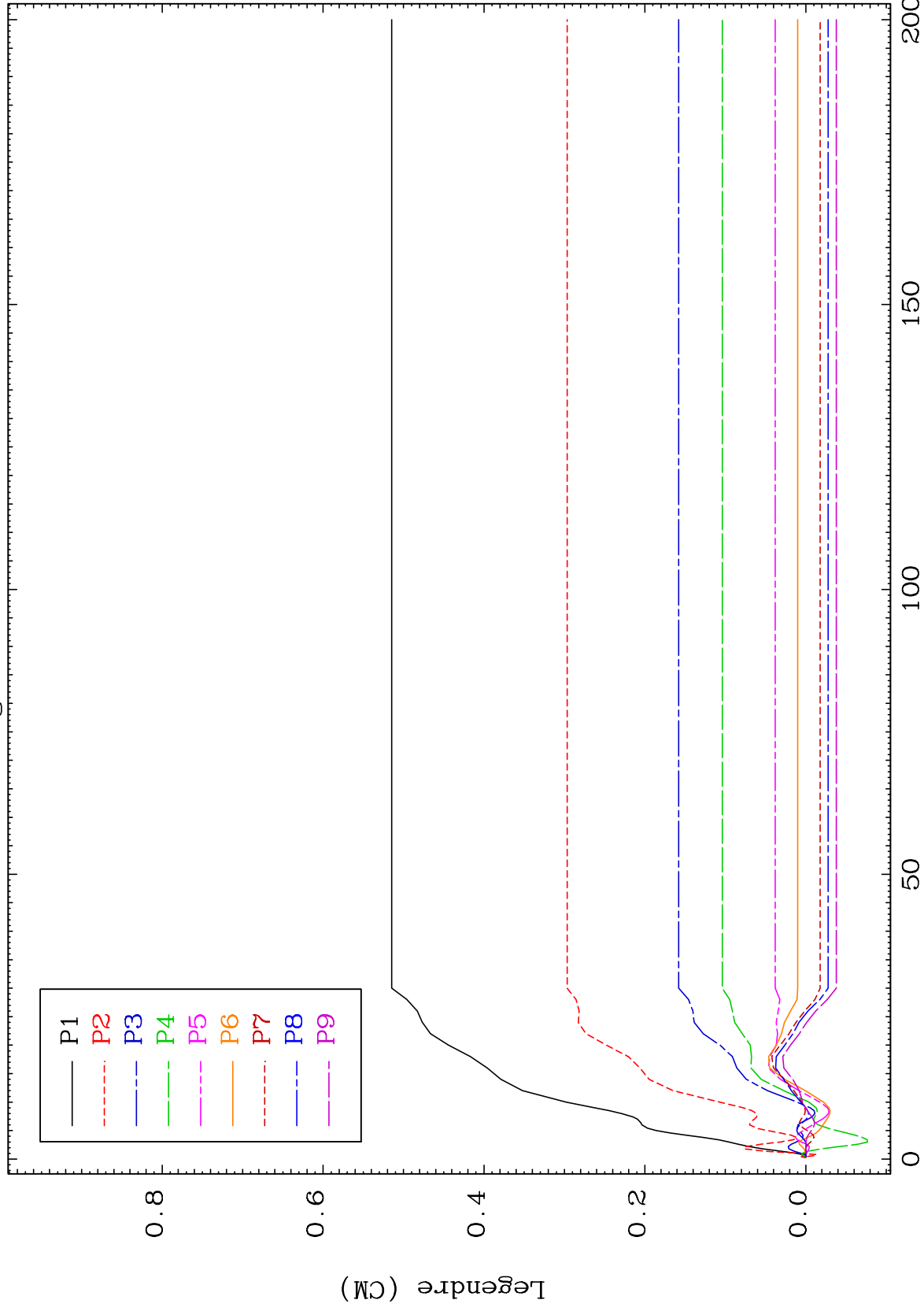
Incident Energy (MeV)

18

MAT 6486

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

65-Tb-146



19

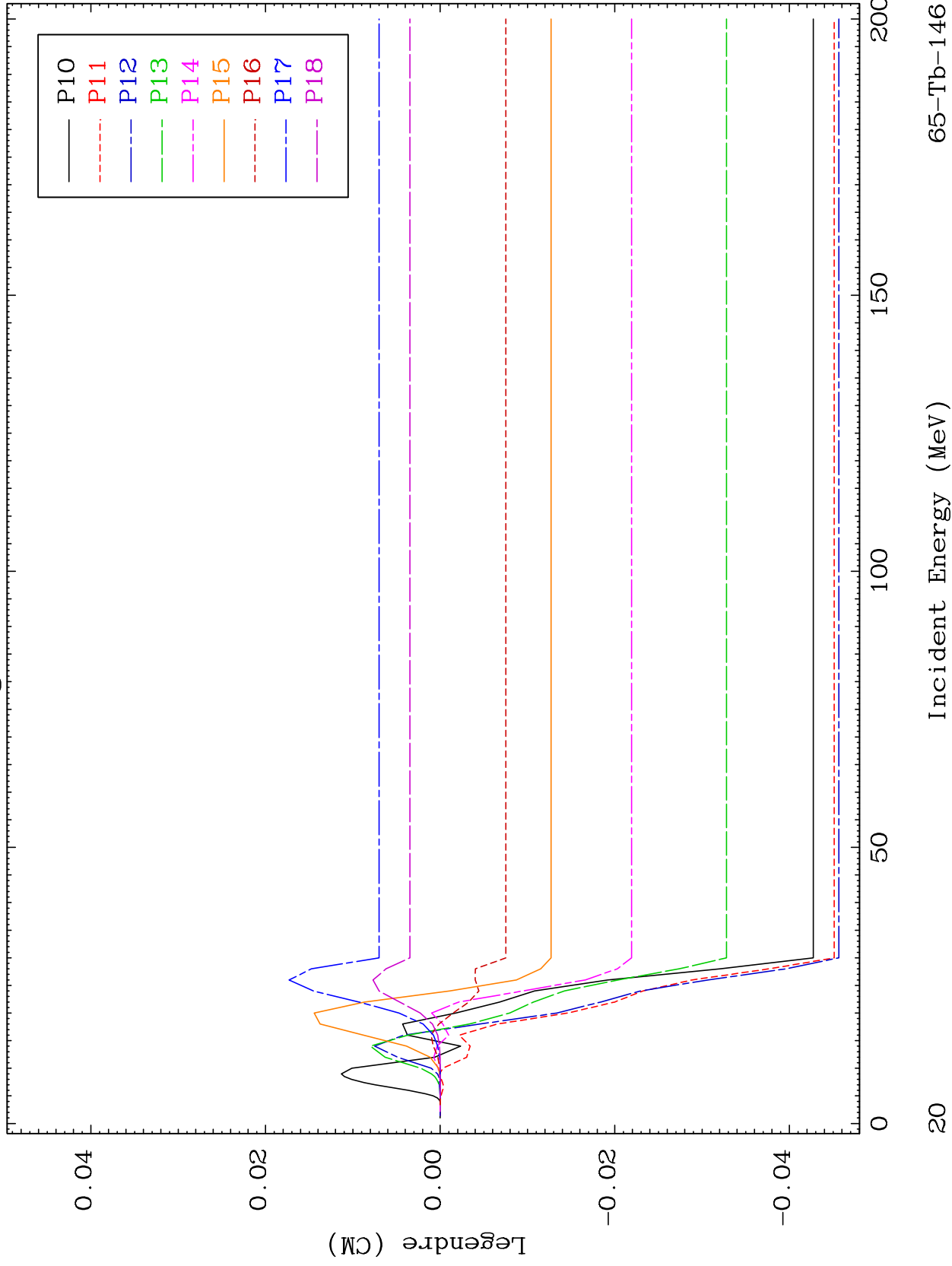
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

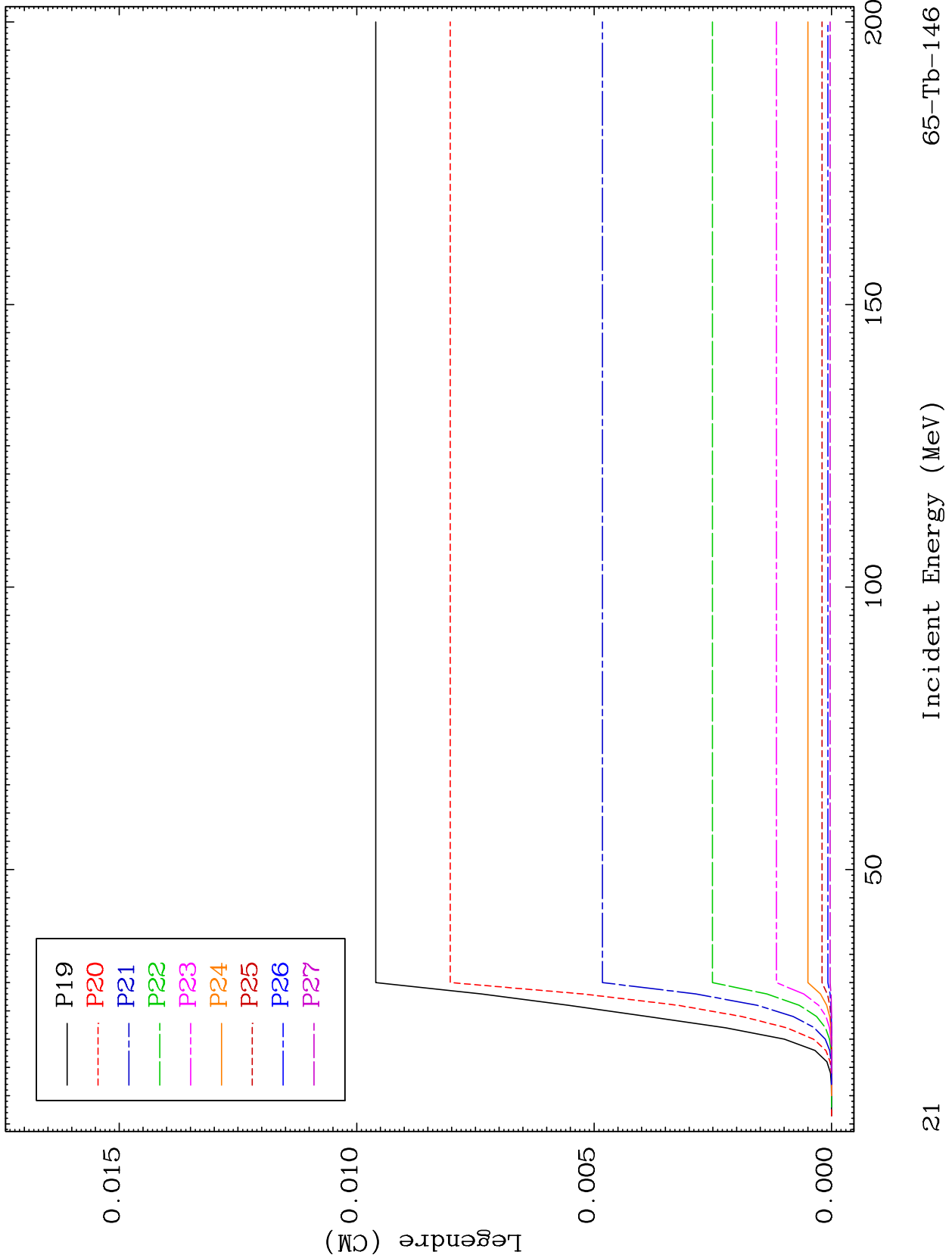
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MAT 6486

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

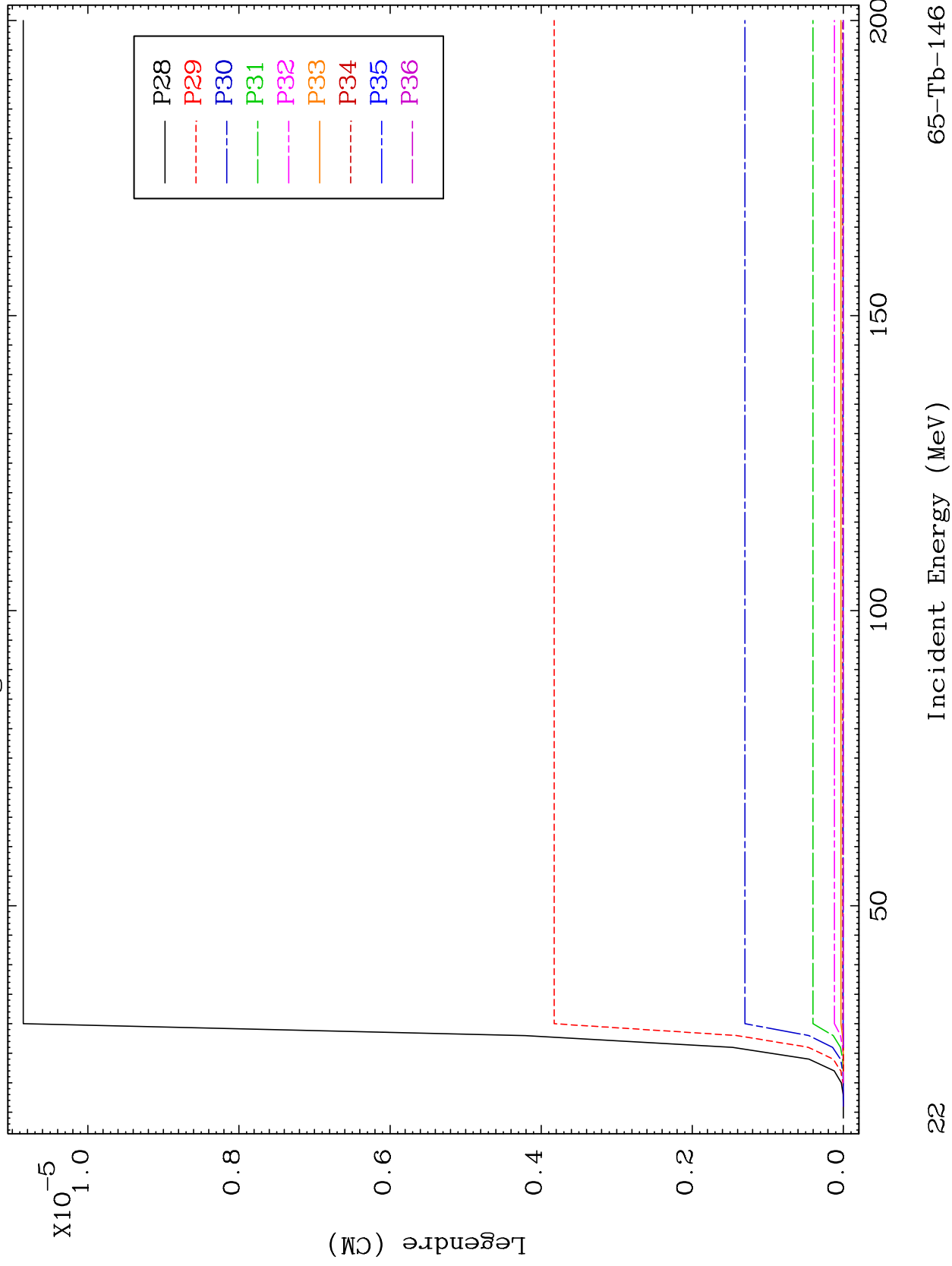
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MAT 6486

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

65-Tb-146

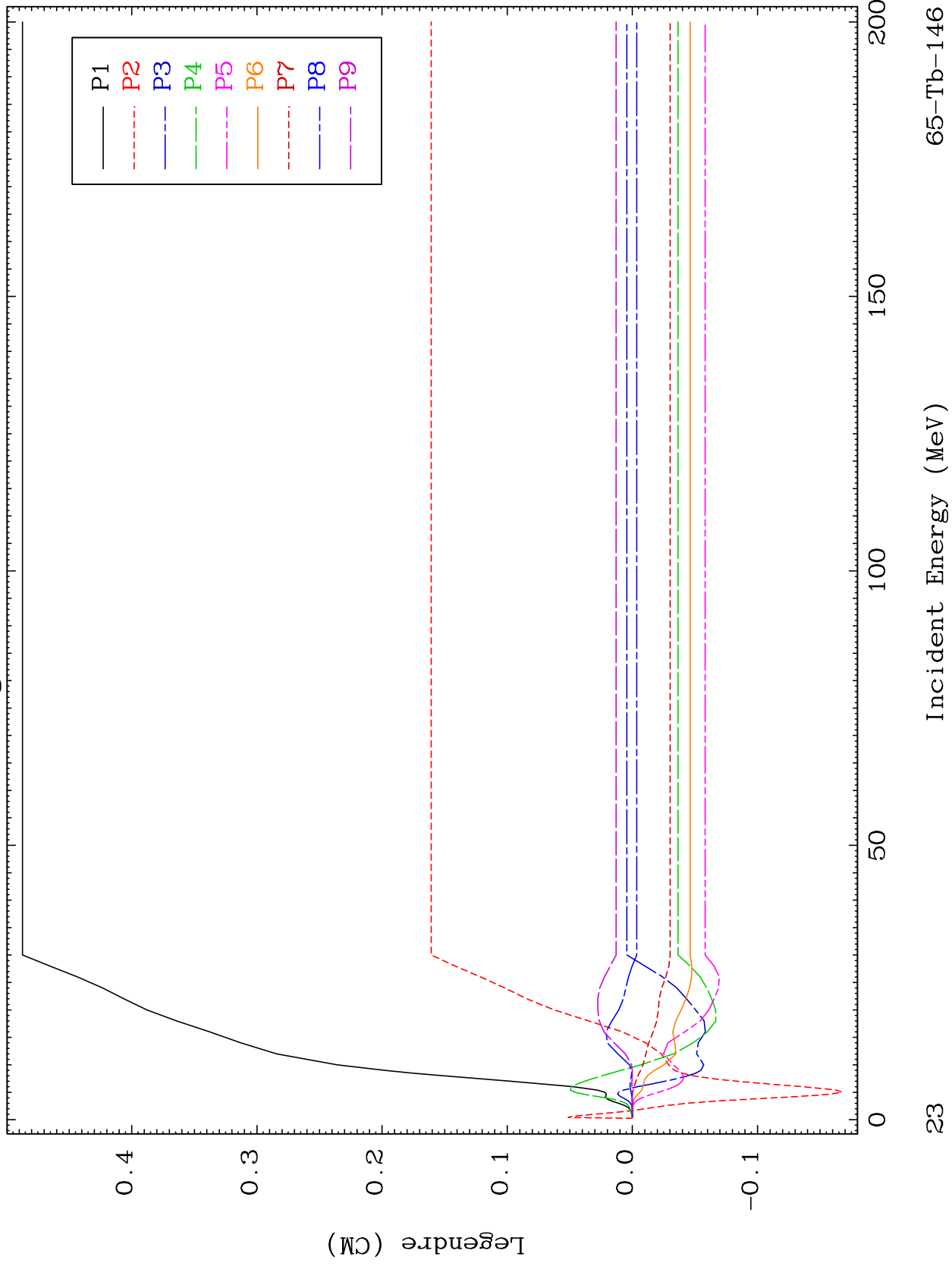


22

MAT 6486

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

65-Tb-146



65-Tb-146

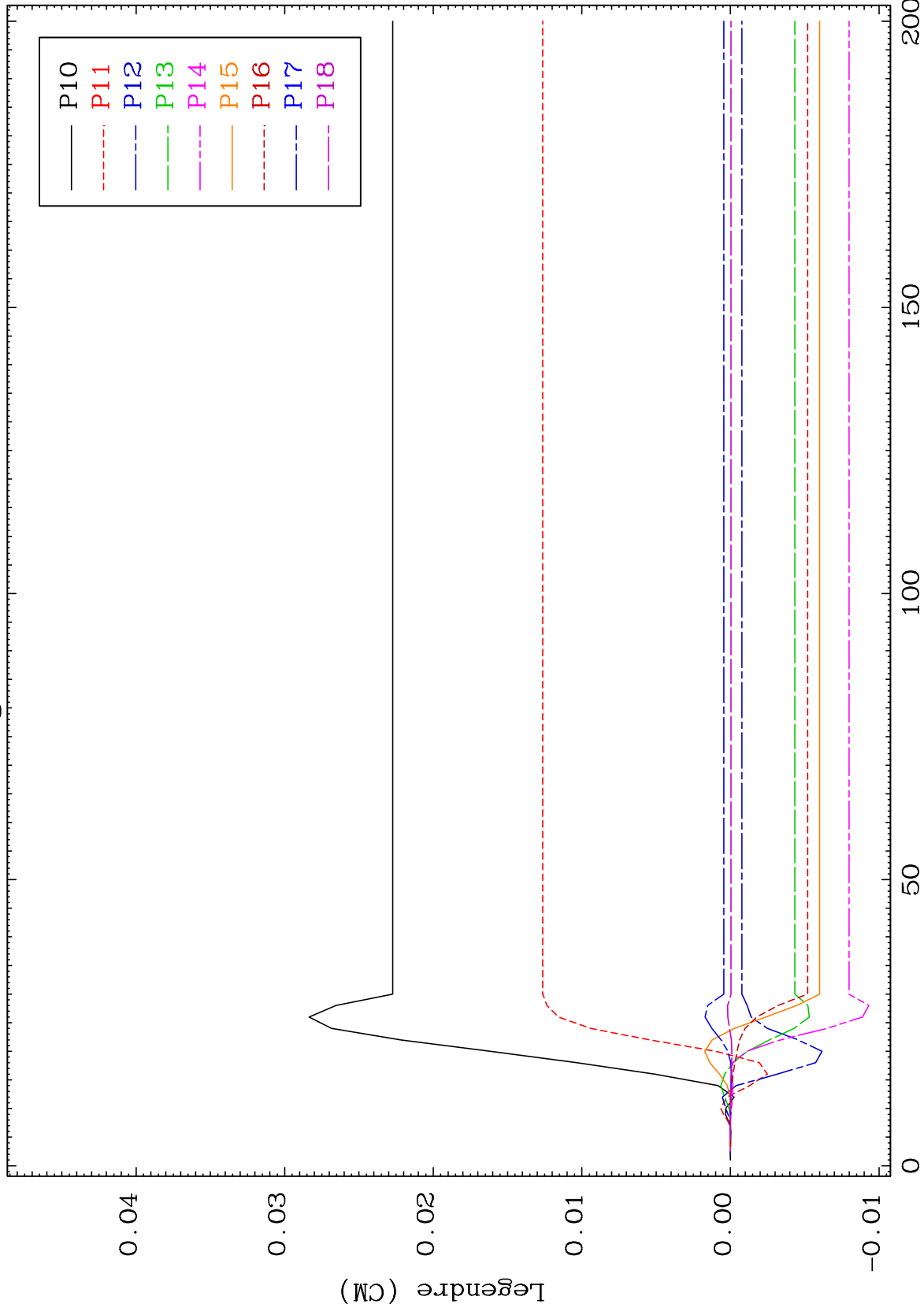
Incident Energy (MeV)

23

MAT 6486

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

65-Tb-146



24

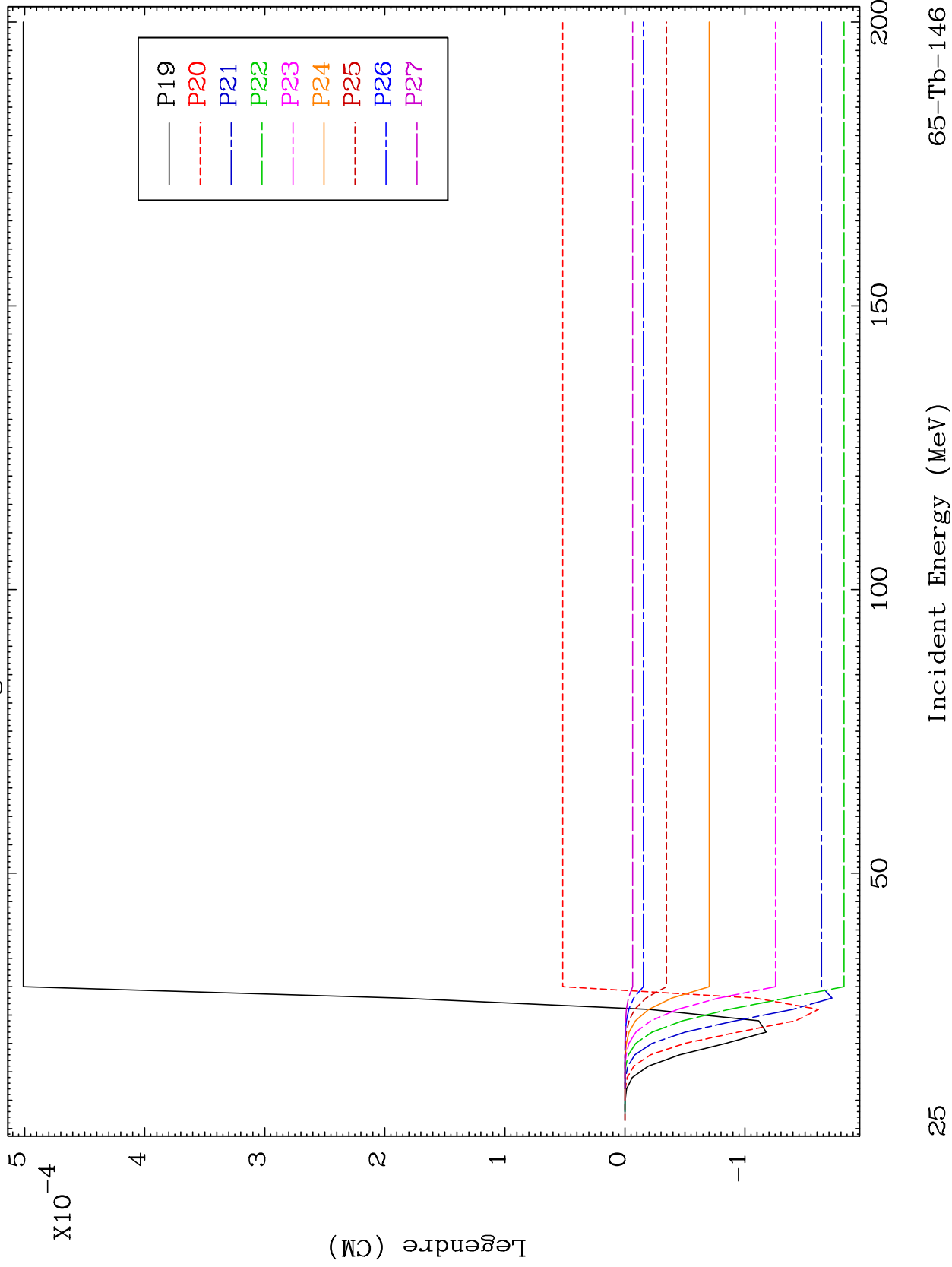
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

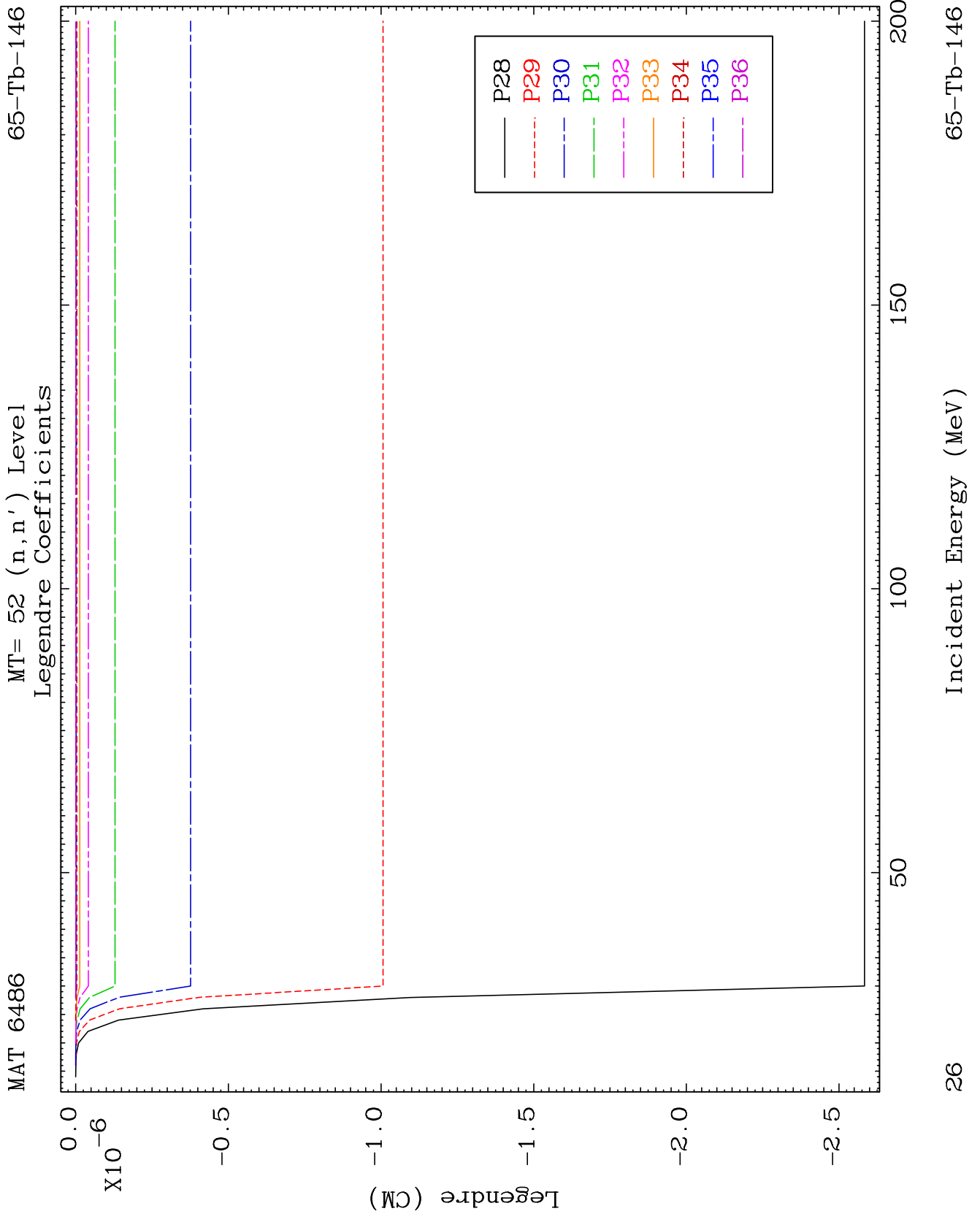
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25

Incident Energy (MeV)

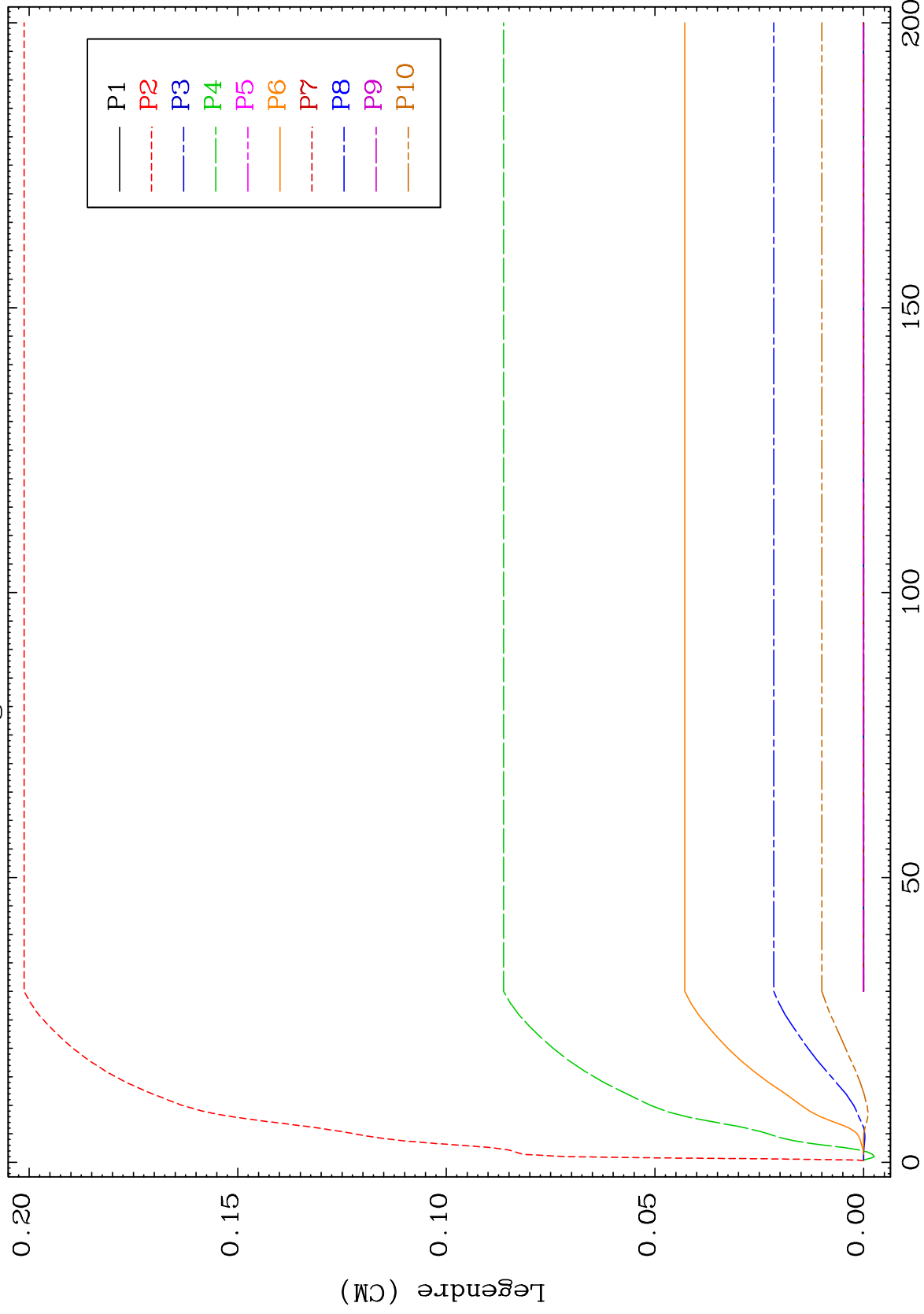
65-Tb-146



MAT 6486

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

65-Tb-146



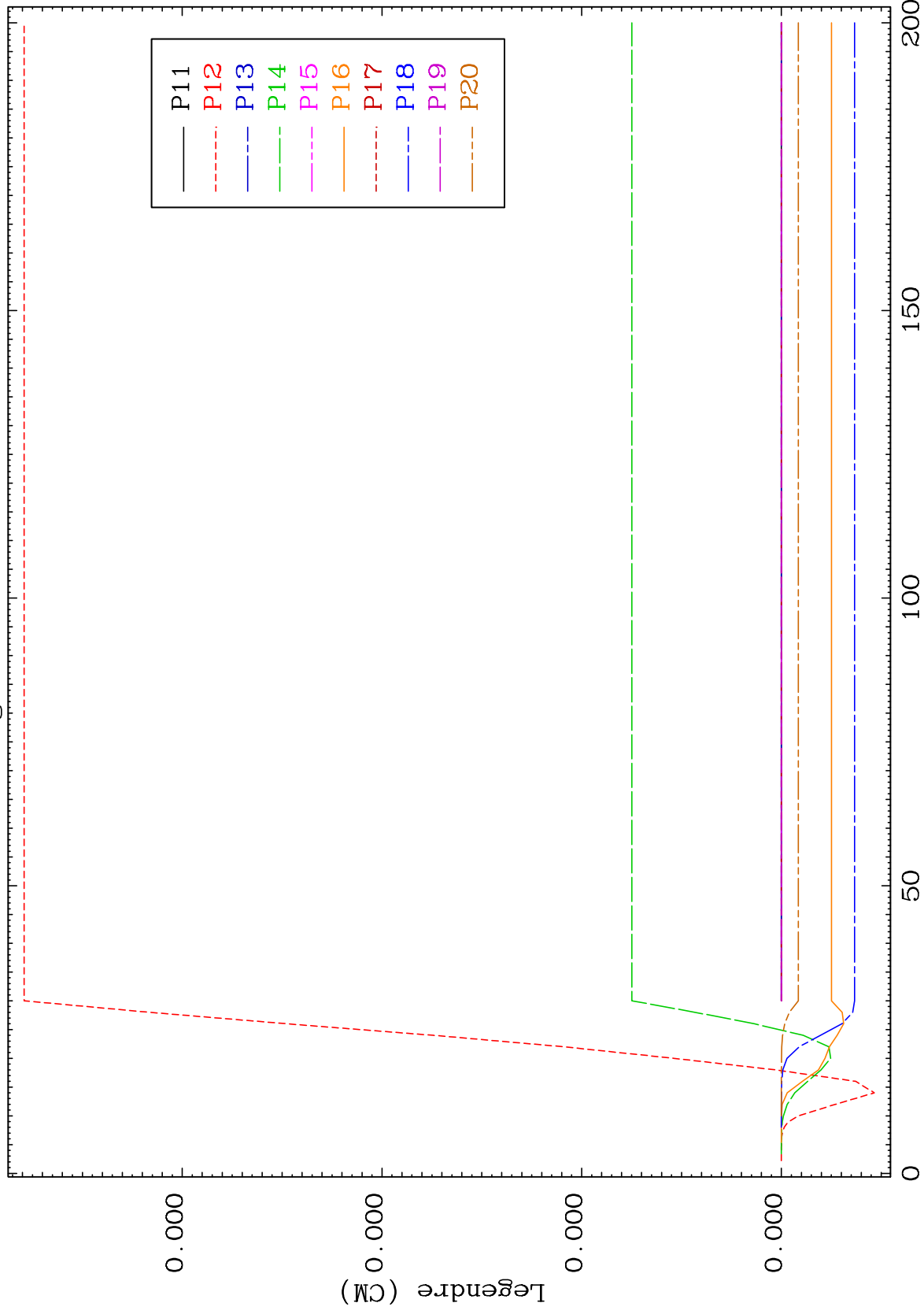
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65-Tb-146

MAT 6486

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

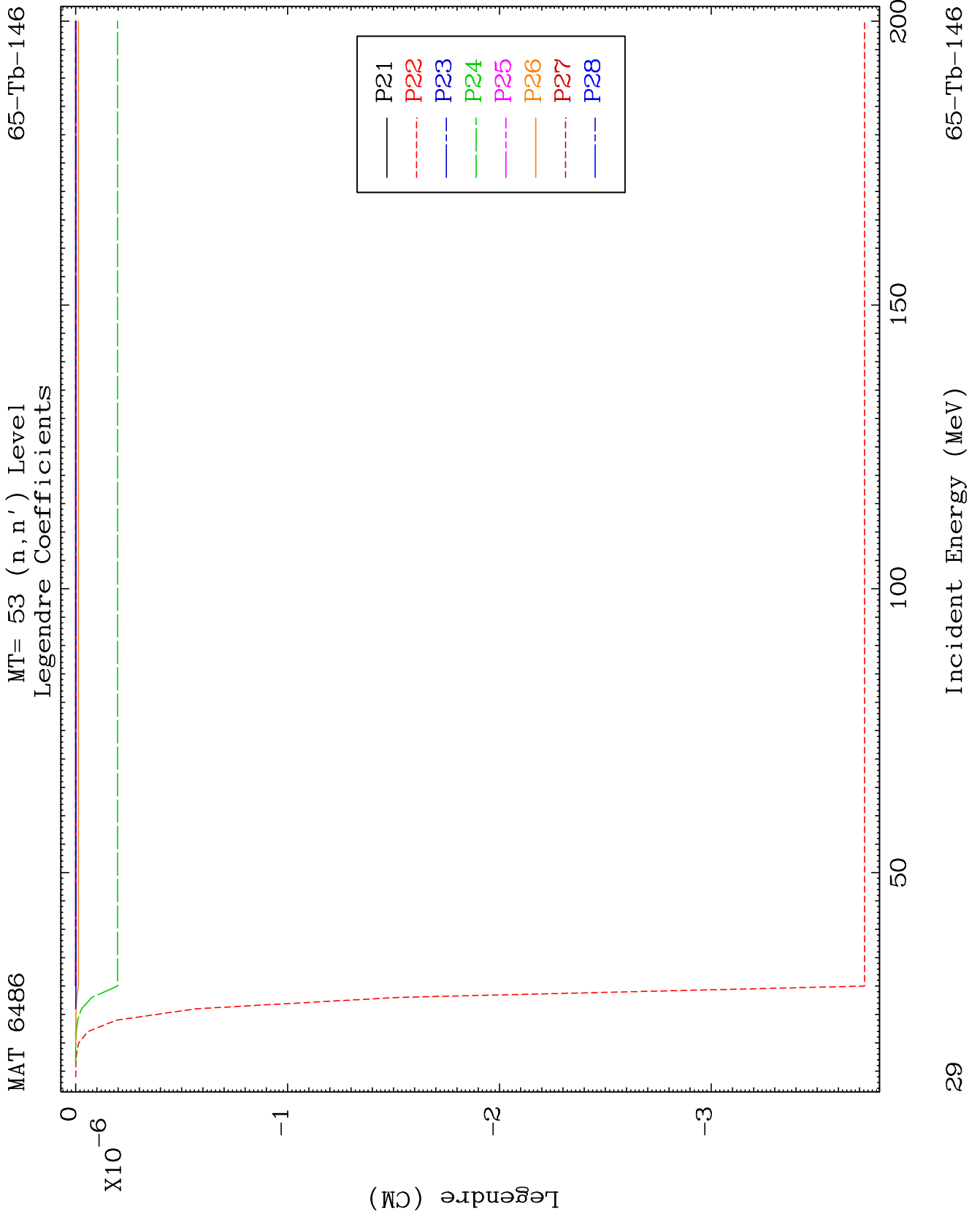
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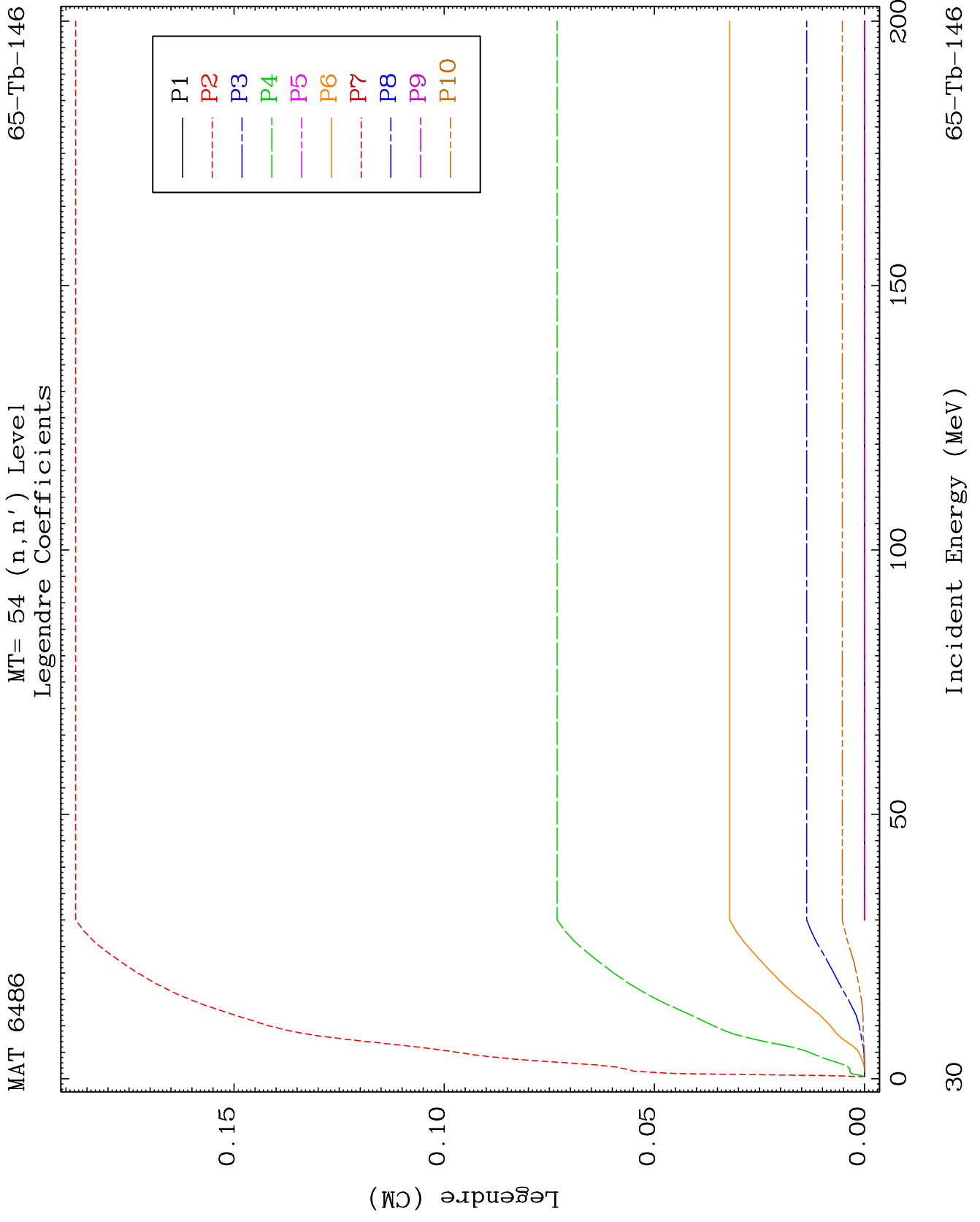


28

Incident Energy (MeV)

65-Tb-146

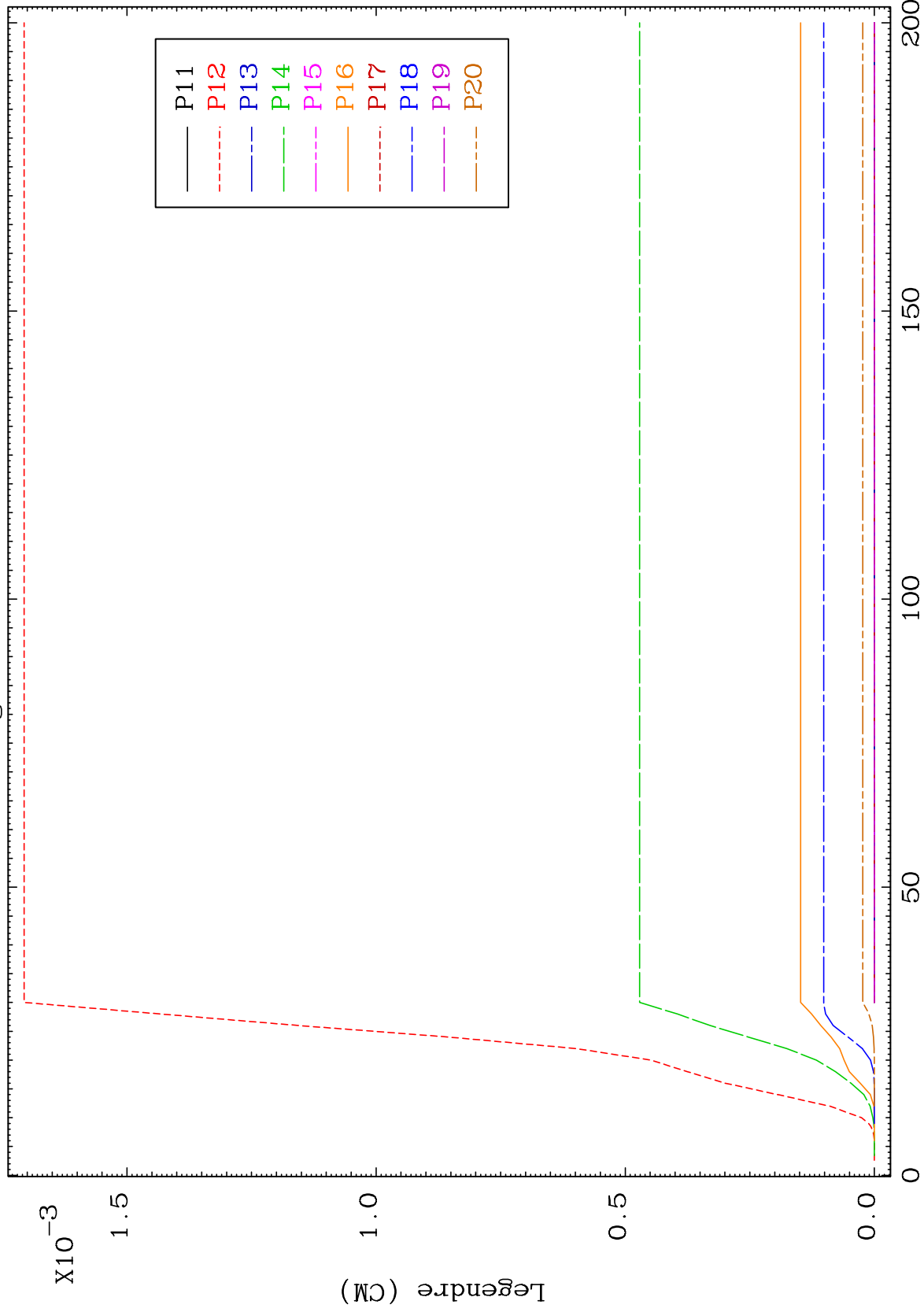




MAT 6486

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

65-Tb-146



31

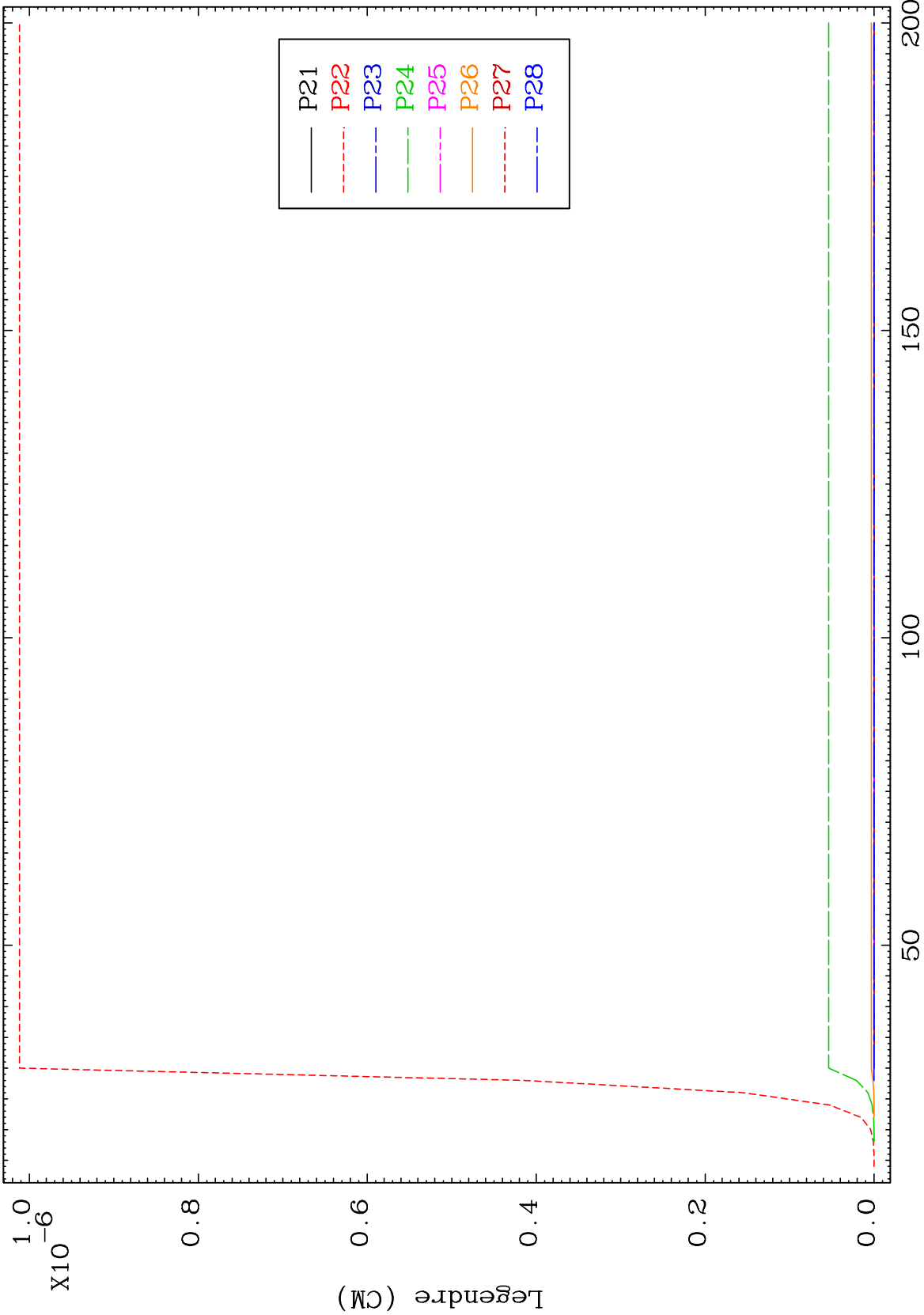
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

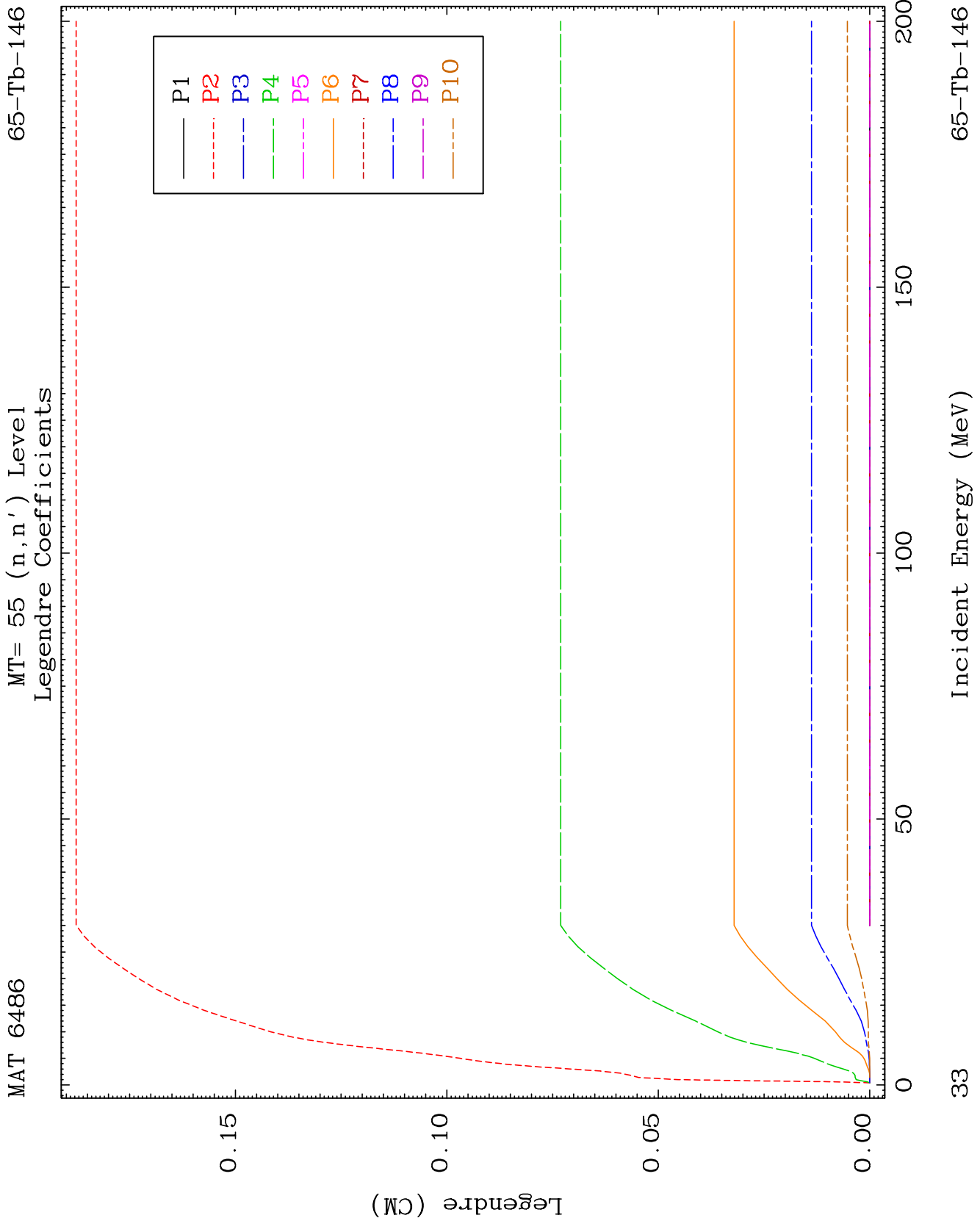
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32

Incident Energy (MeV)

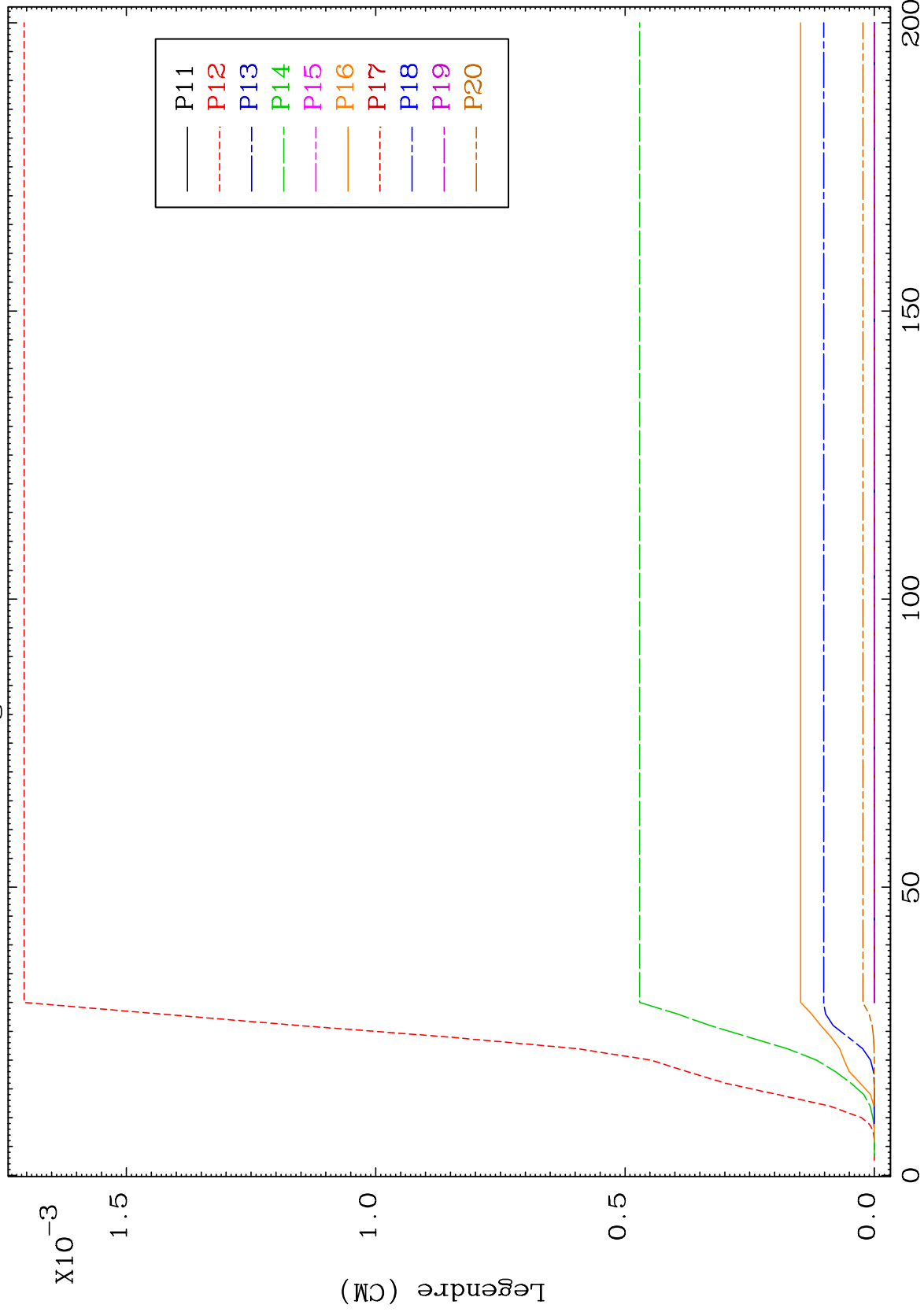
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MAT 6486

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

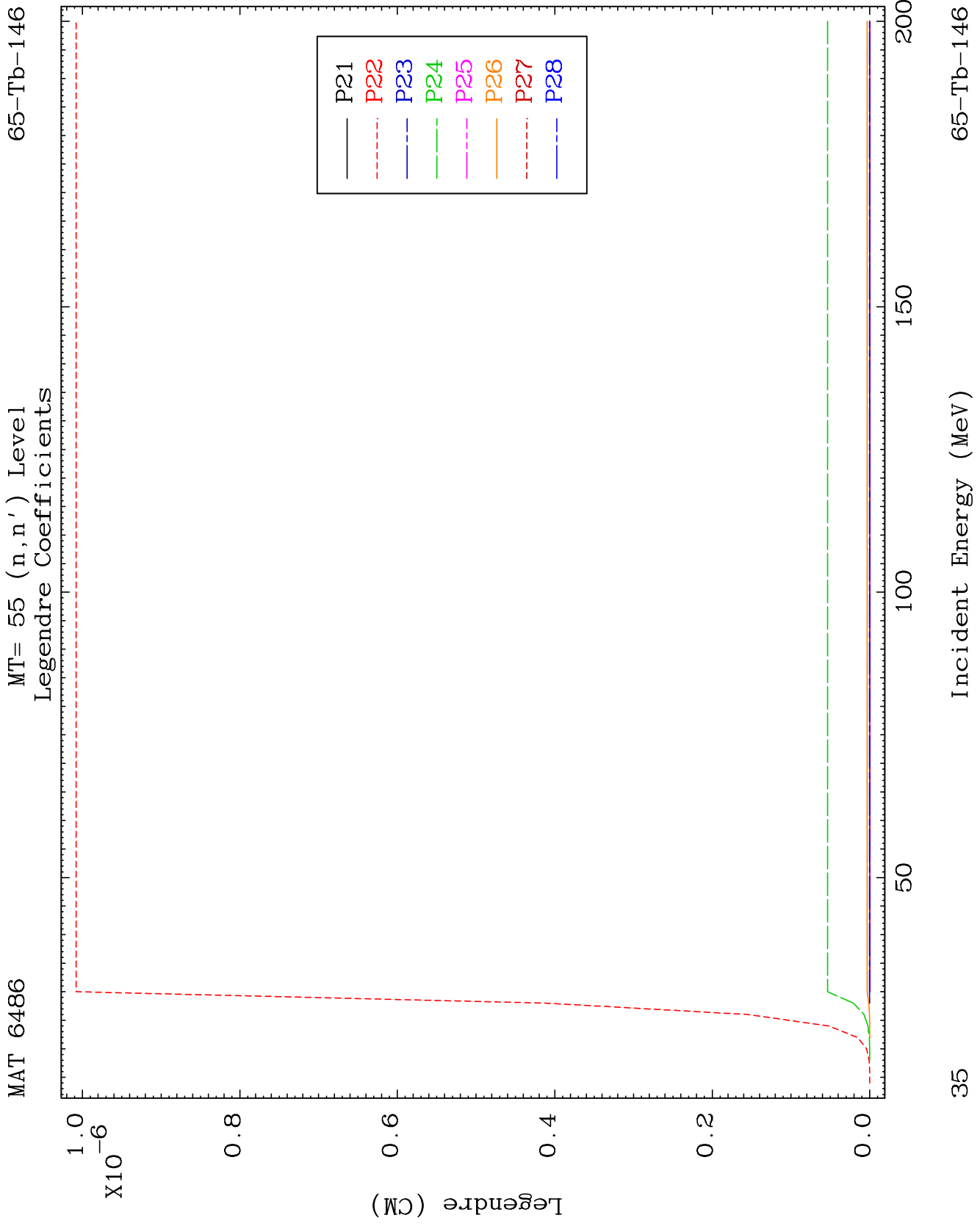
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34

Incident Energy (MeV)

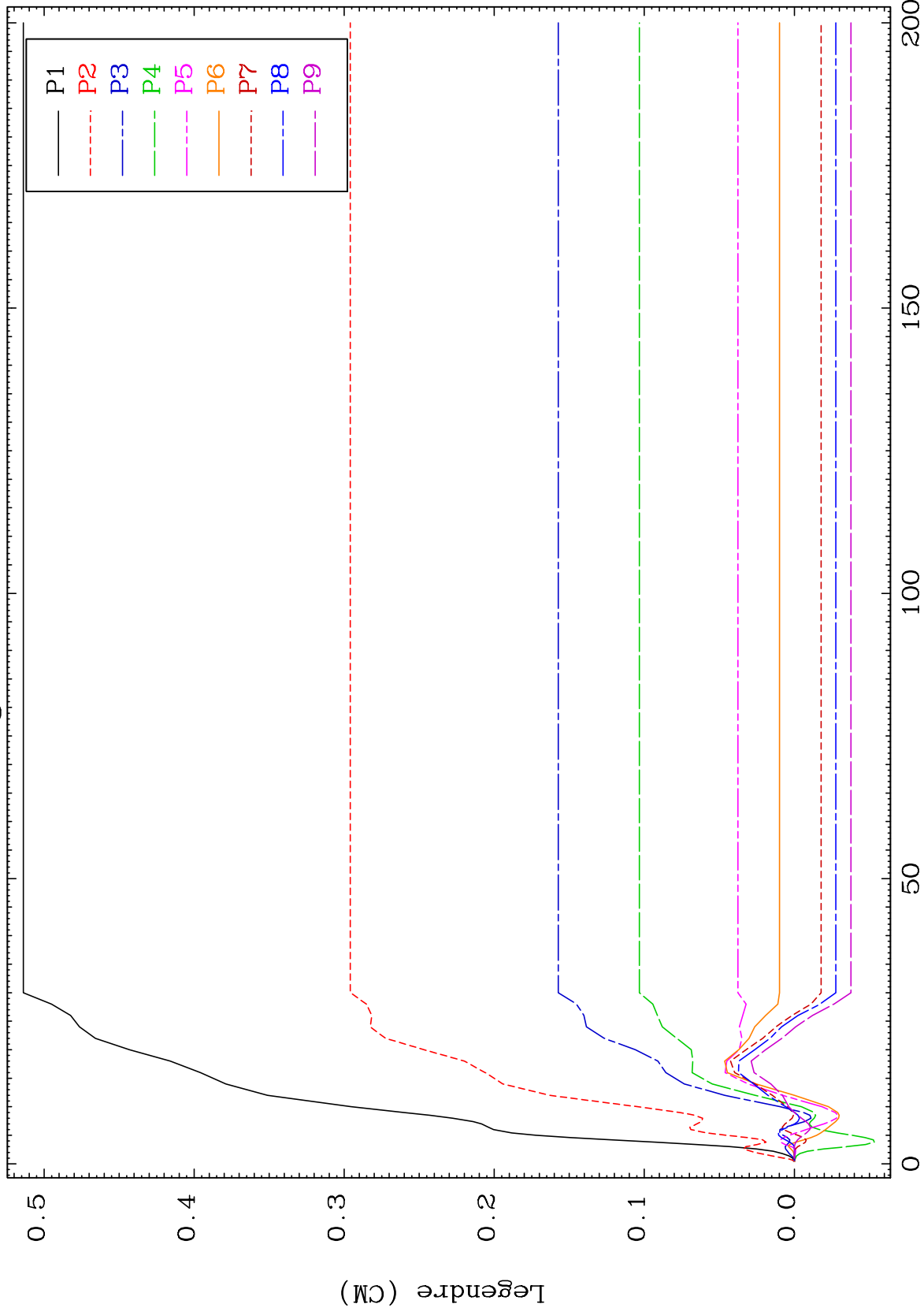
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MAT 6486

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

65-Tb-146



36

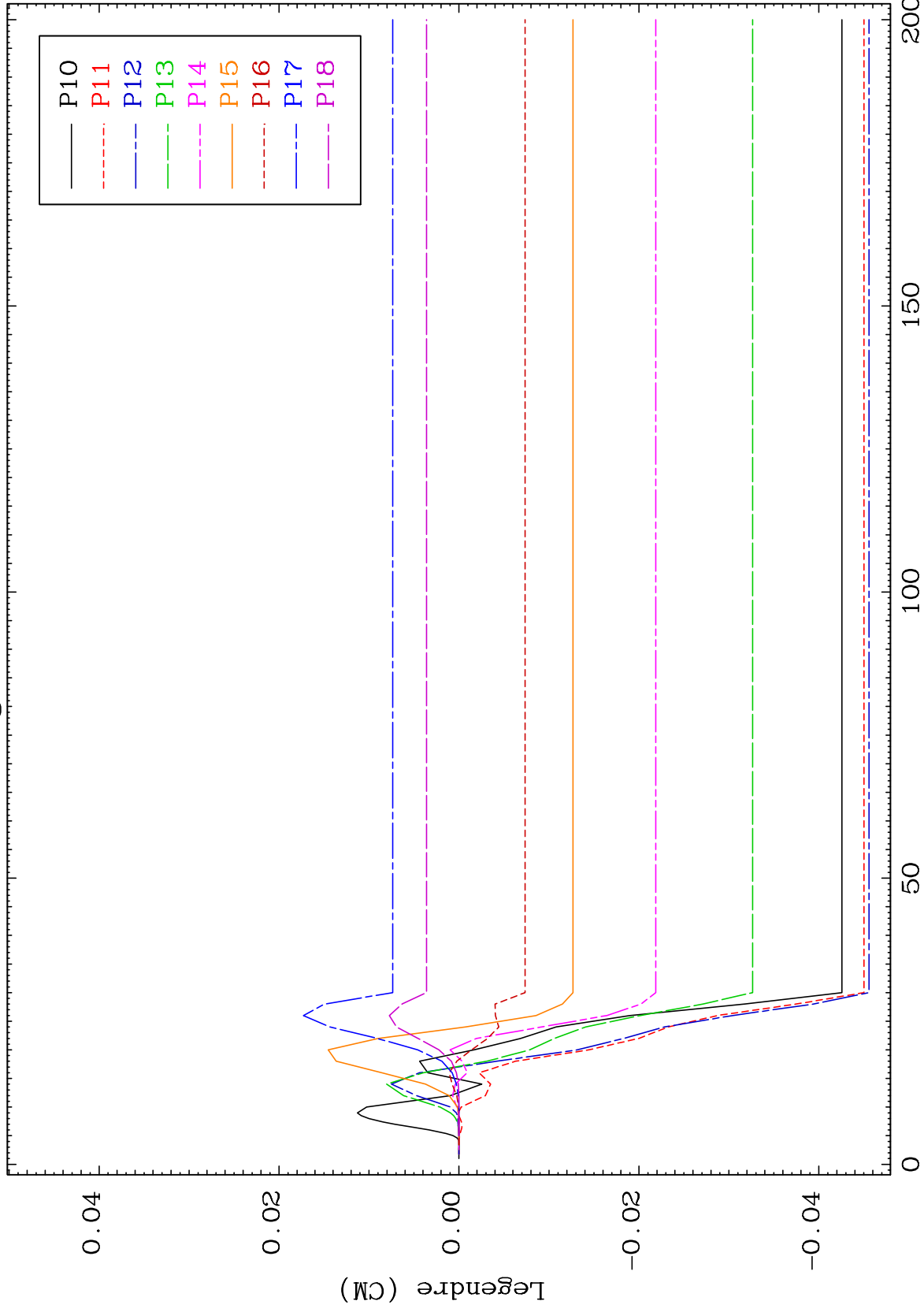
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



37

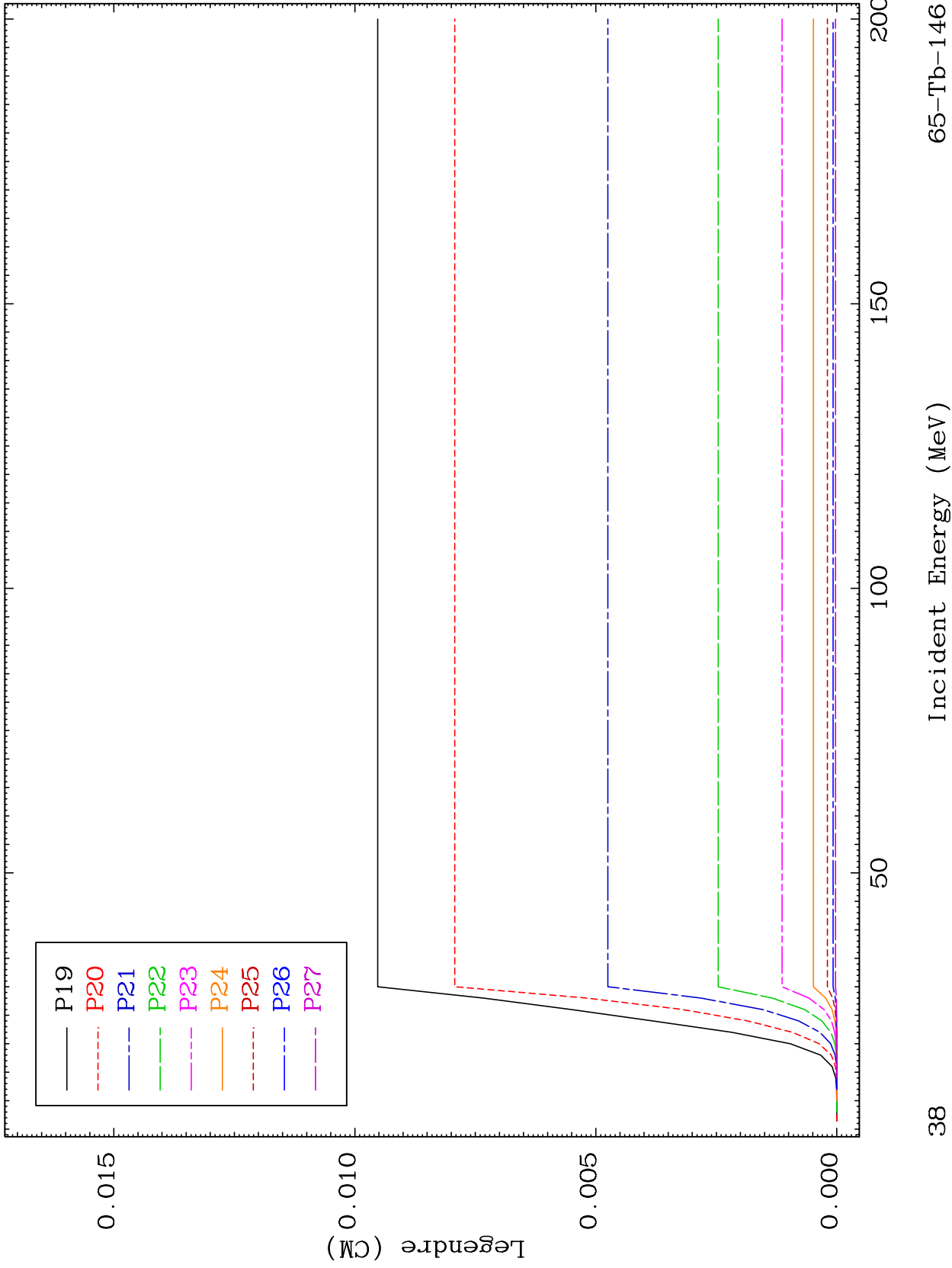
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



38

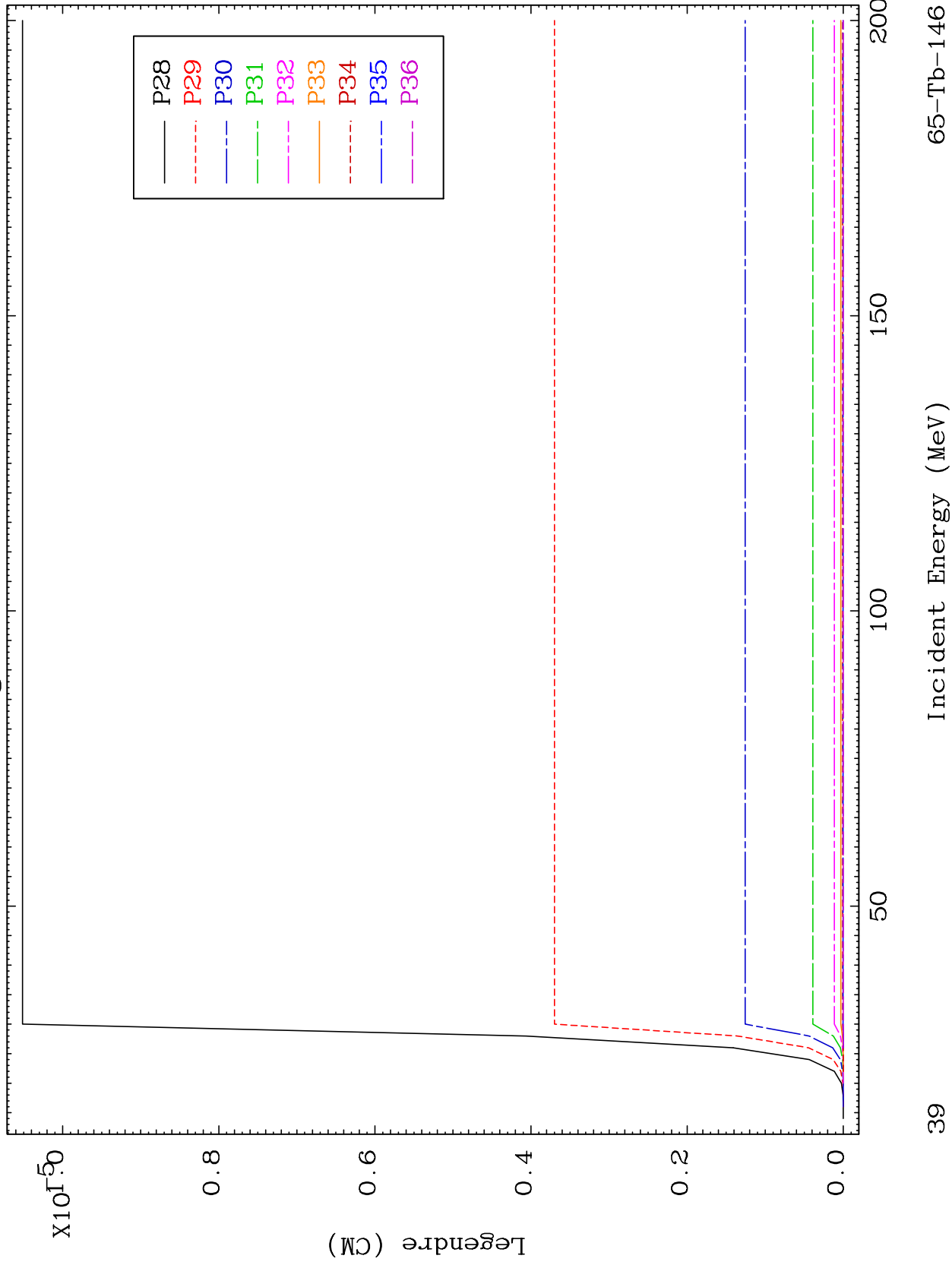
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



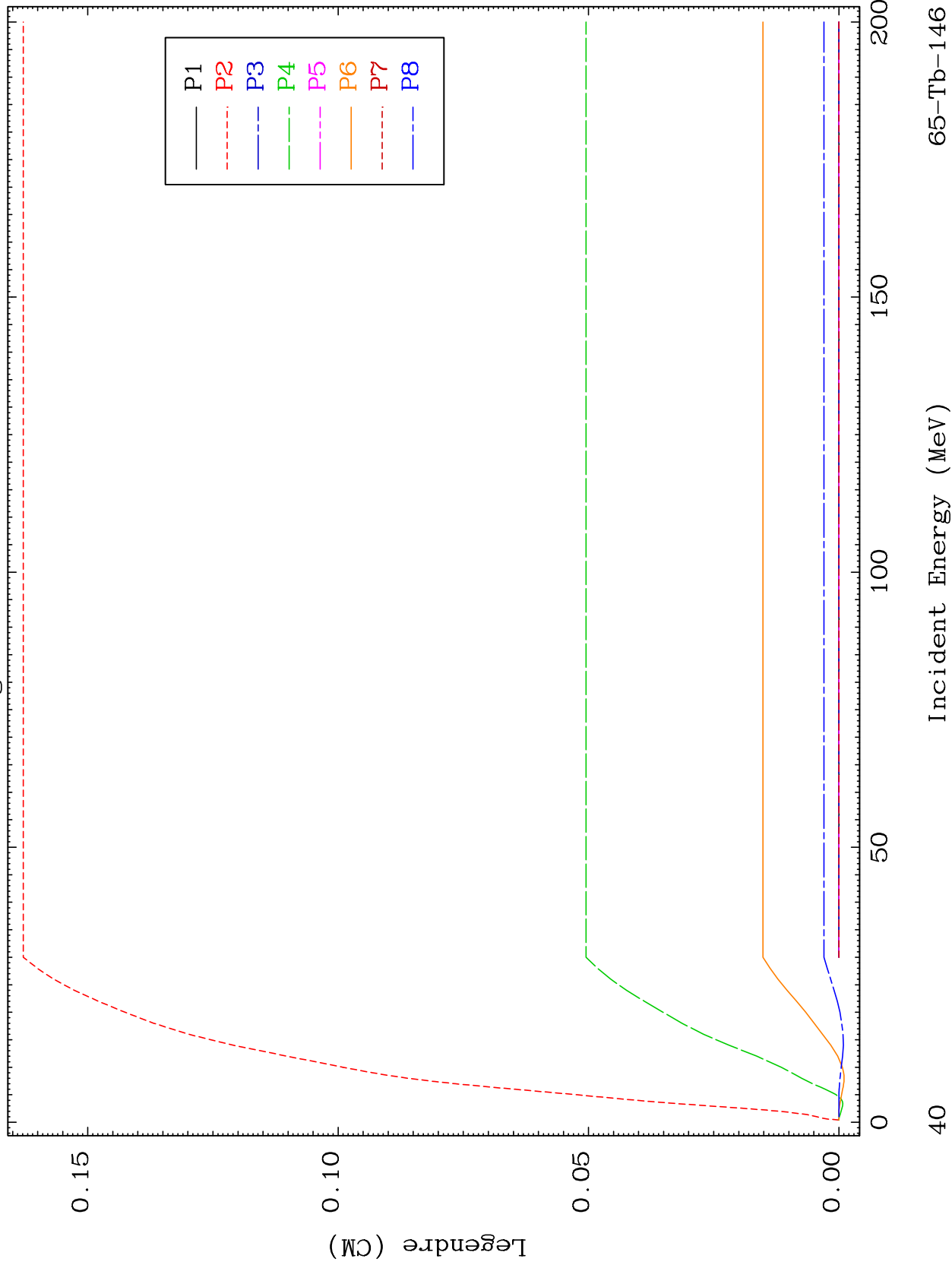
39

200

MAT 6486

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

65-Tb-146

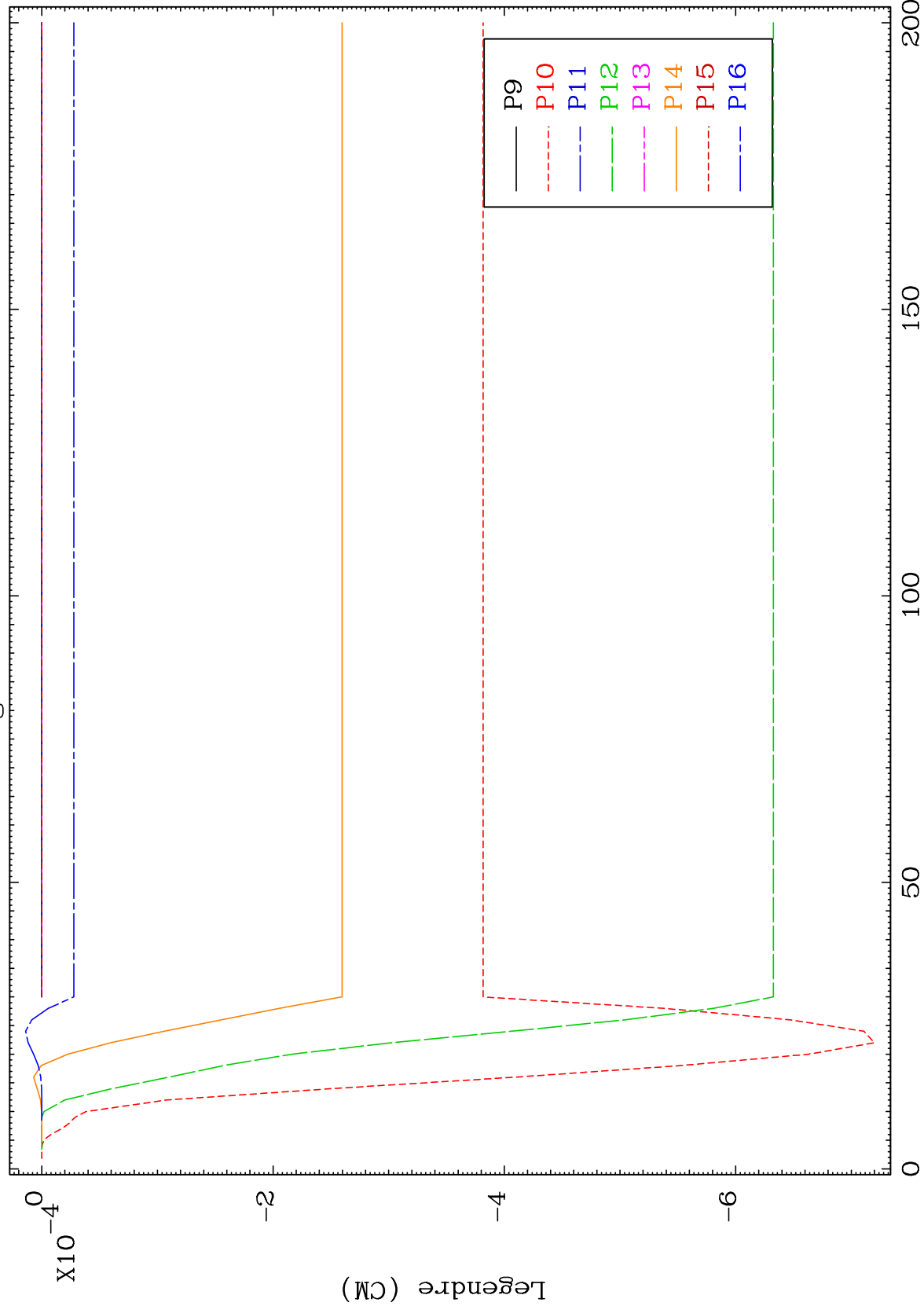


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MAT 6486

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

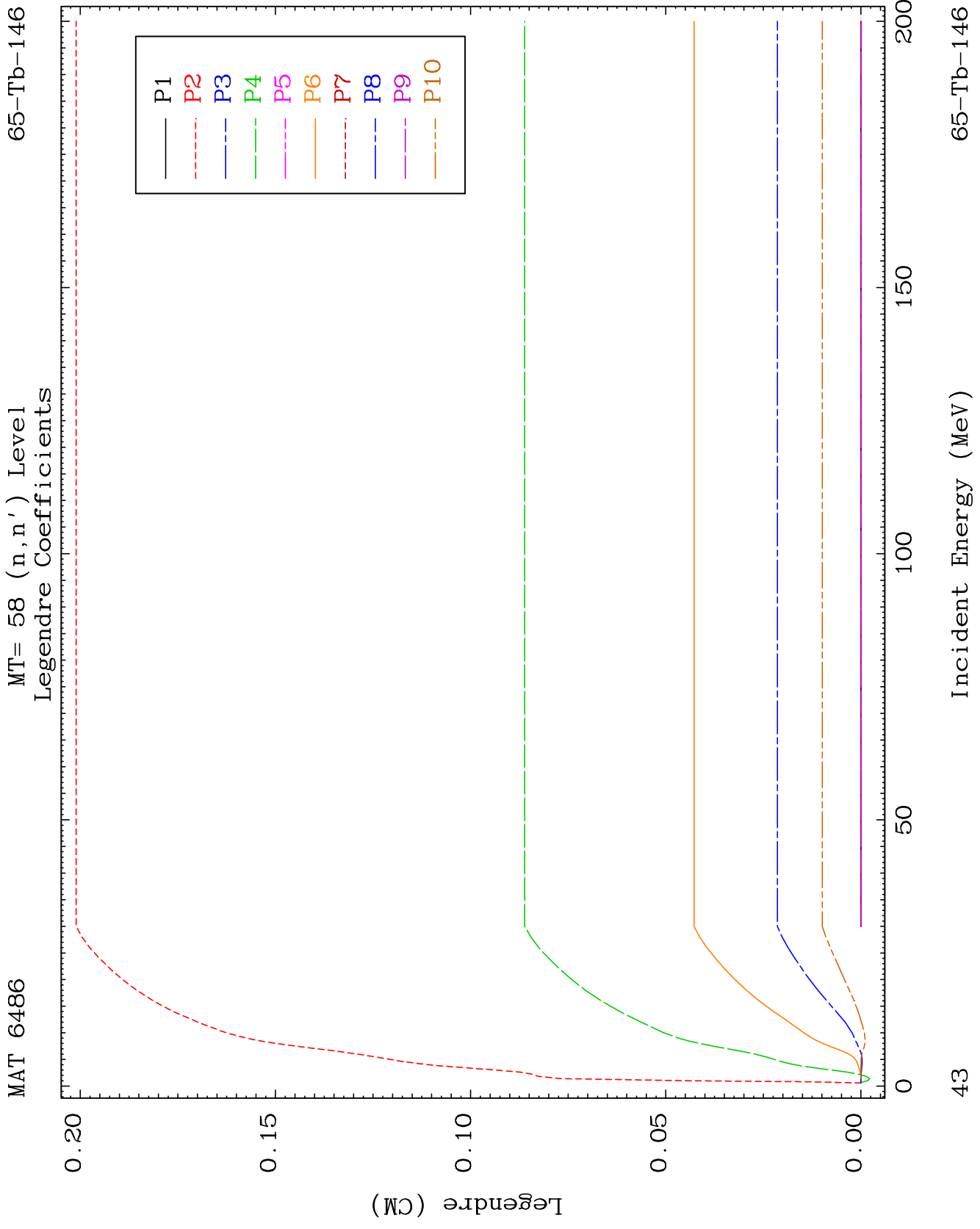
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41

Incident Energy (MeV)

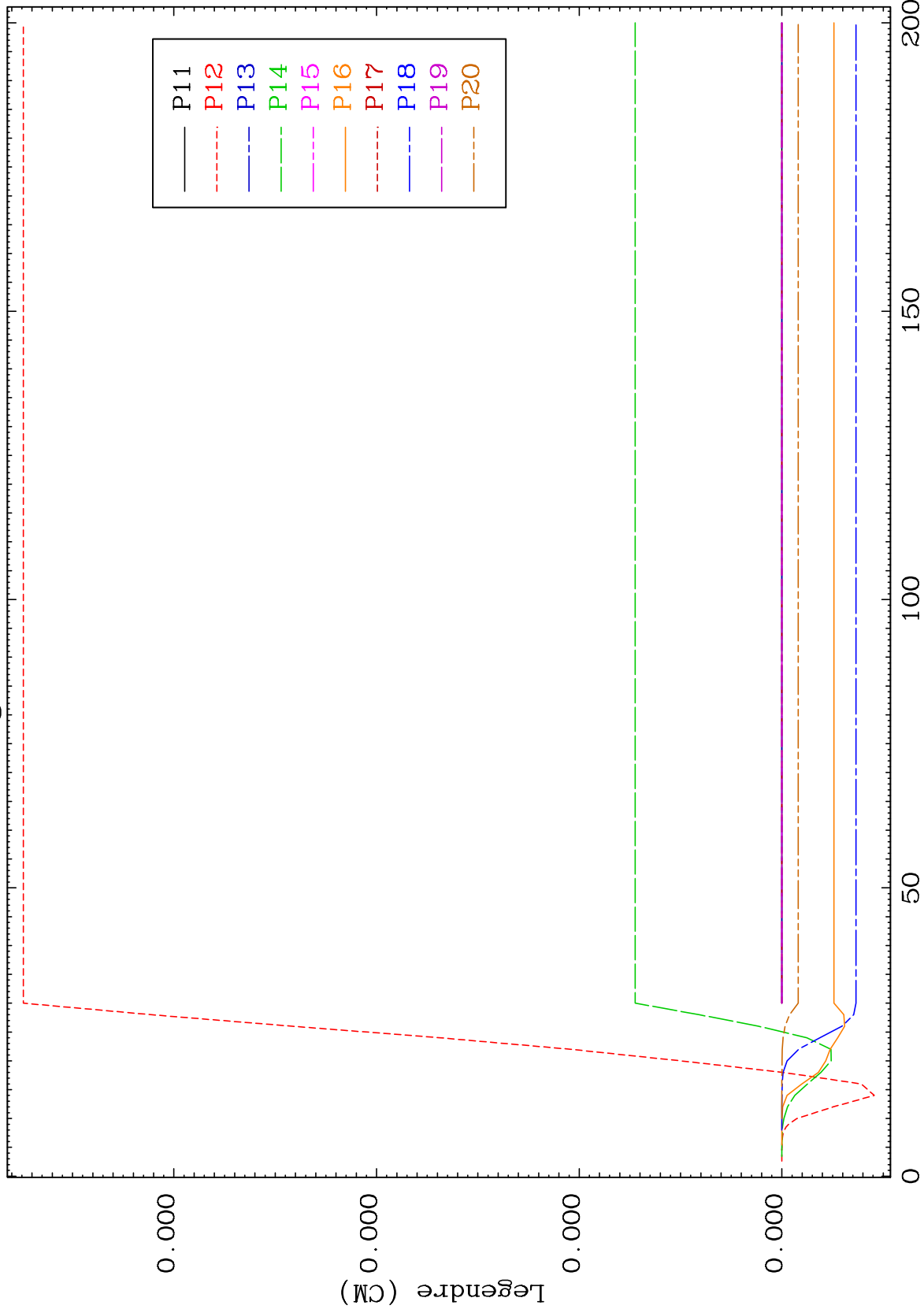
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MAT 6486

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

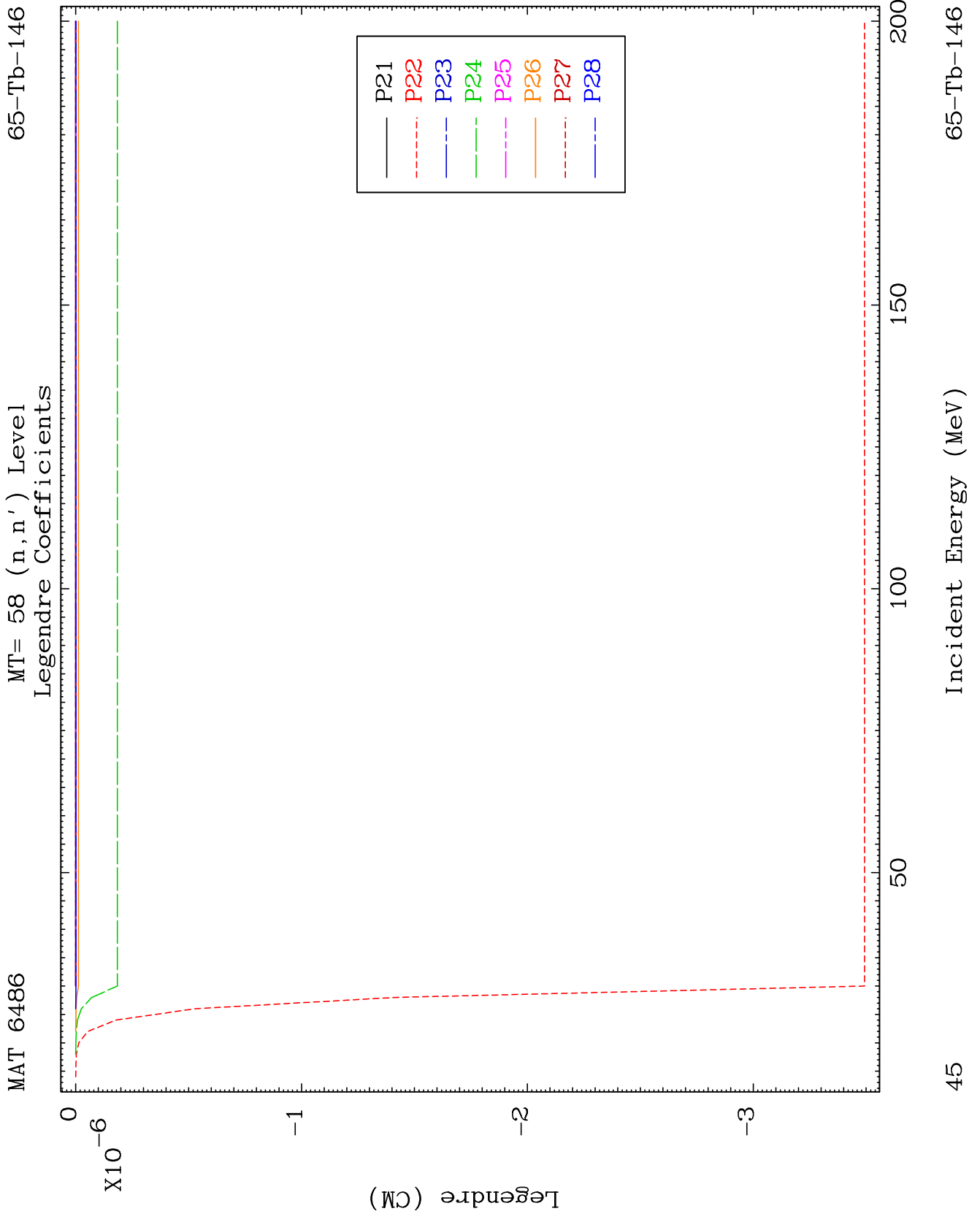
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44

Incident Energy (MeV)

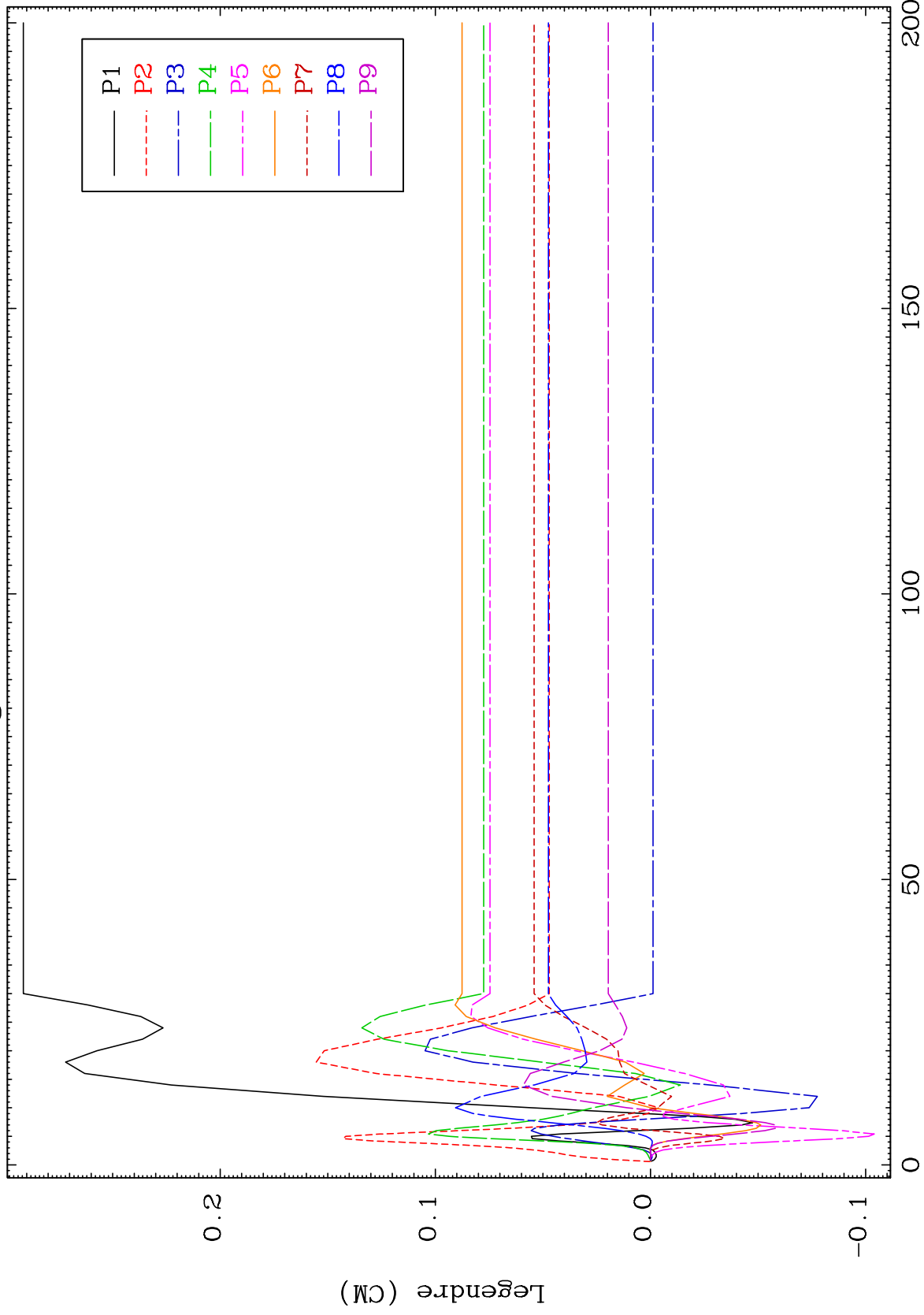
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MAT 6486

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

65-Tb-146



46

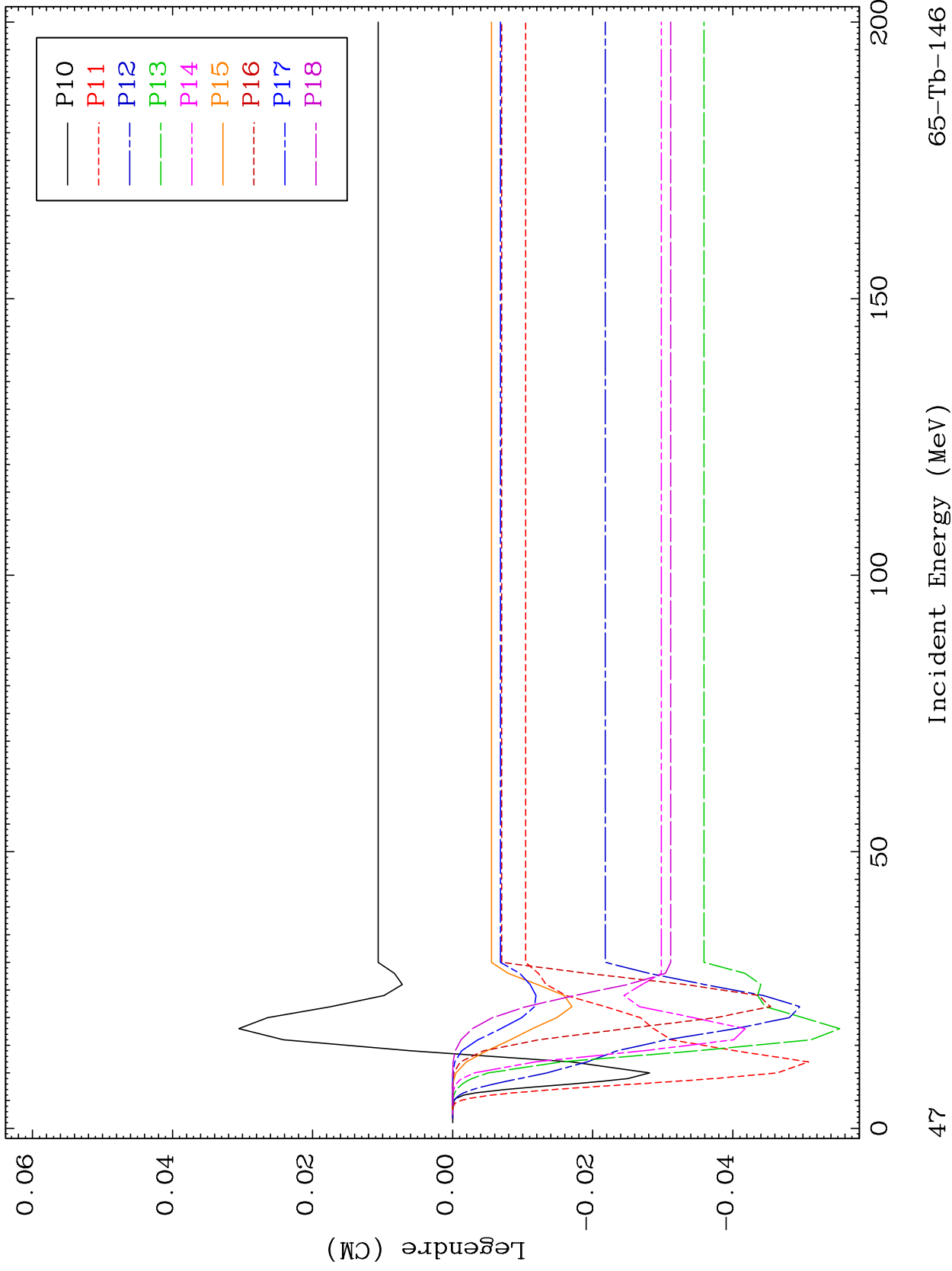
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



47

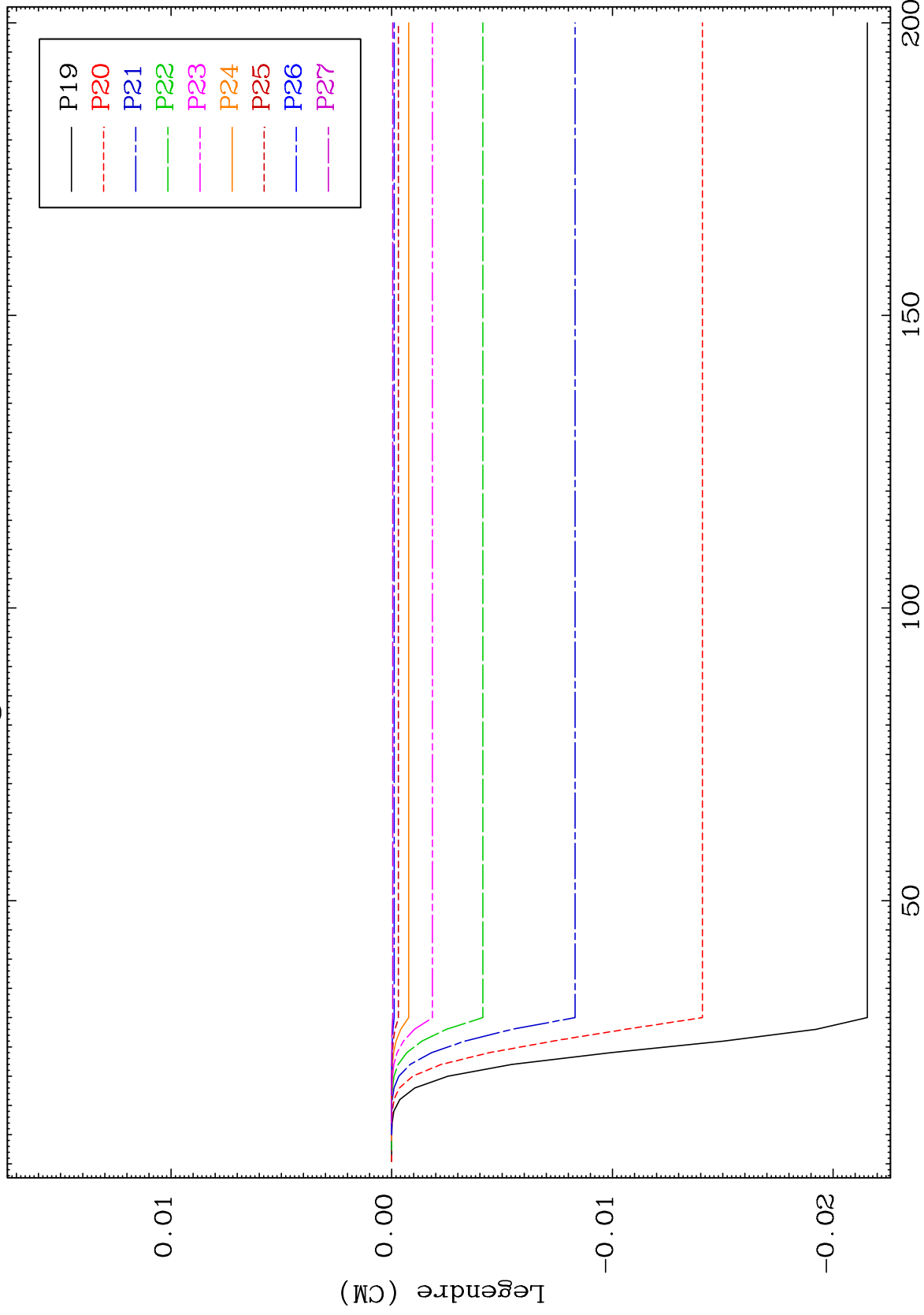
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

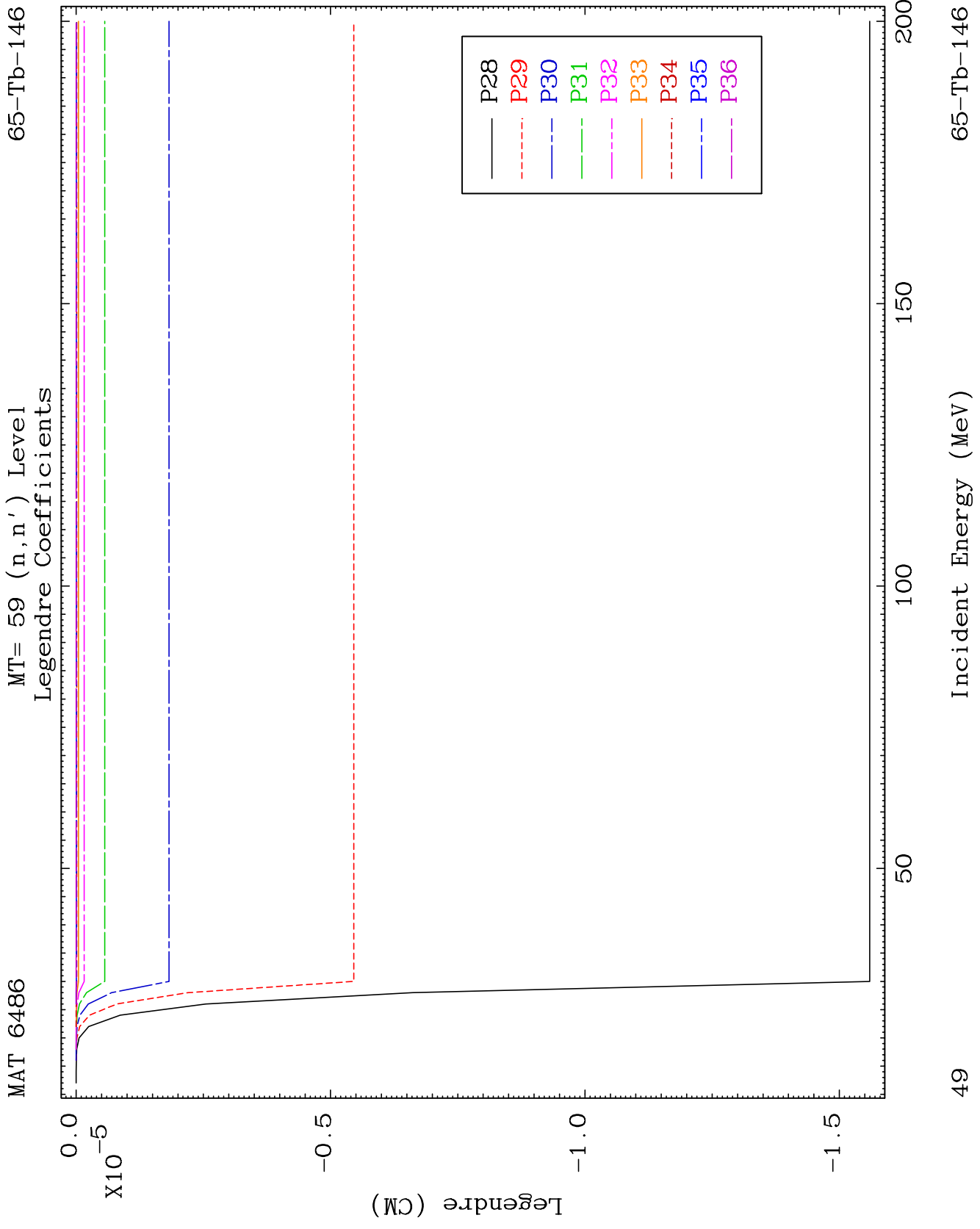
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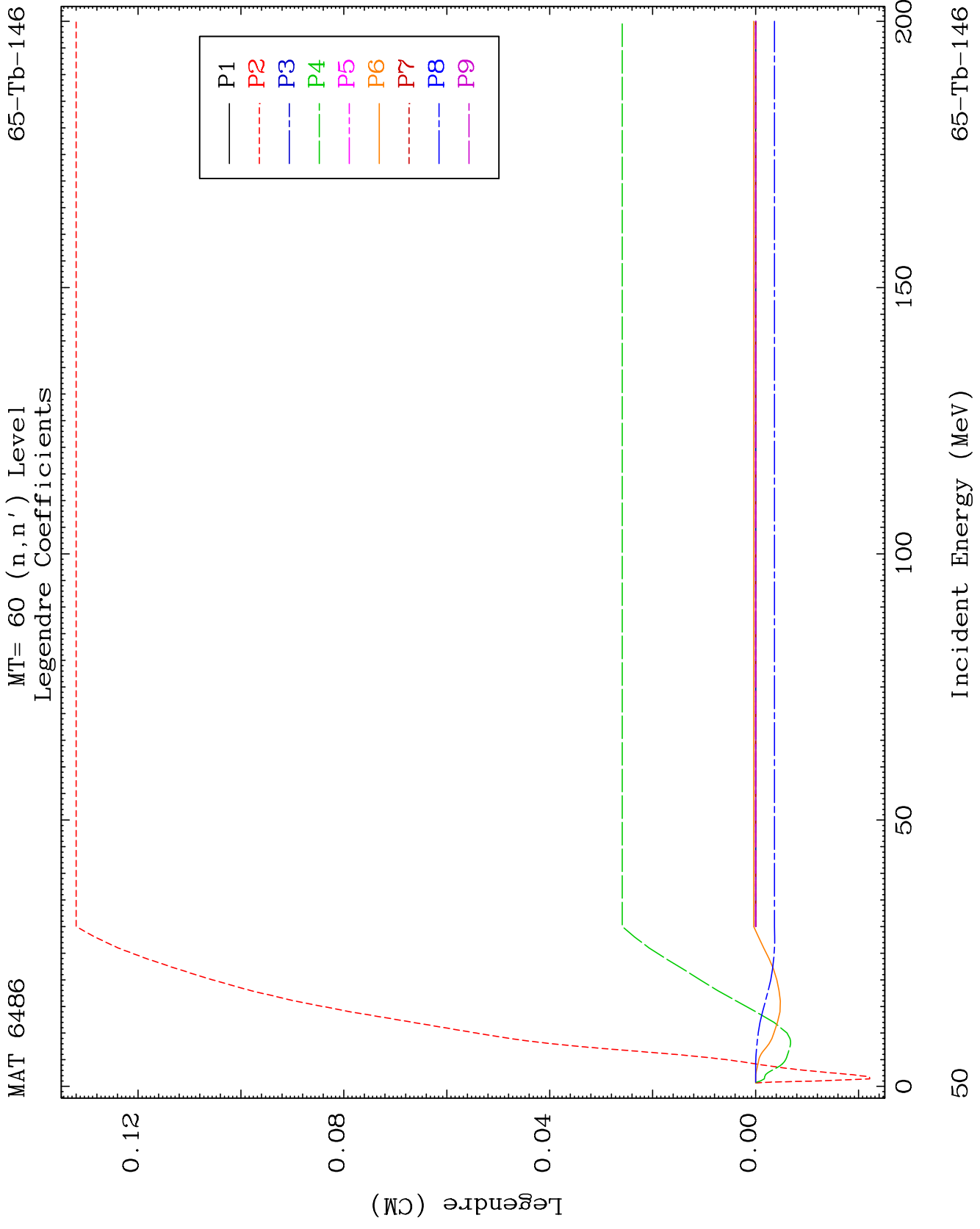


48

Incident Energy (MeV)

65-Tb-146

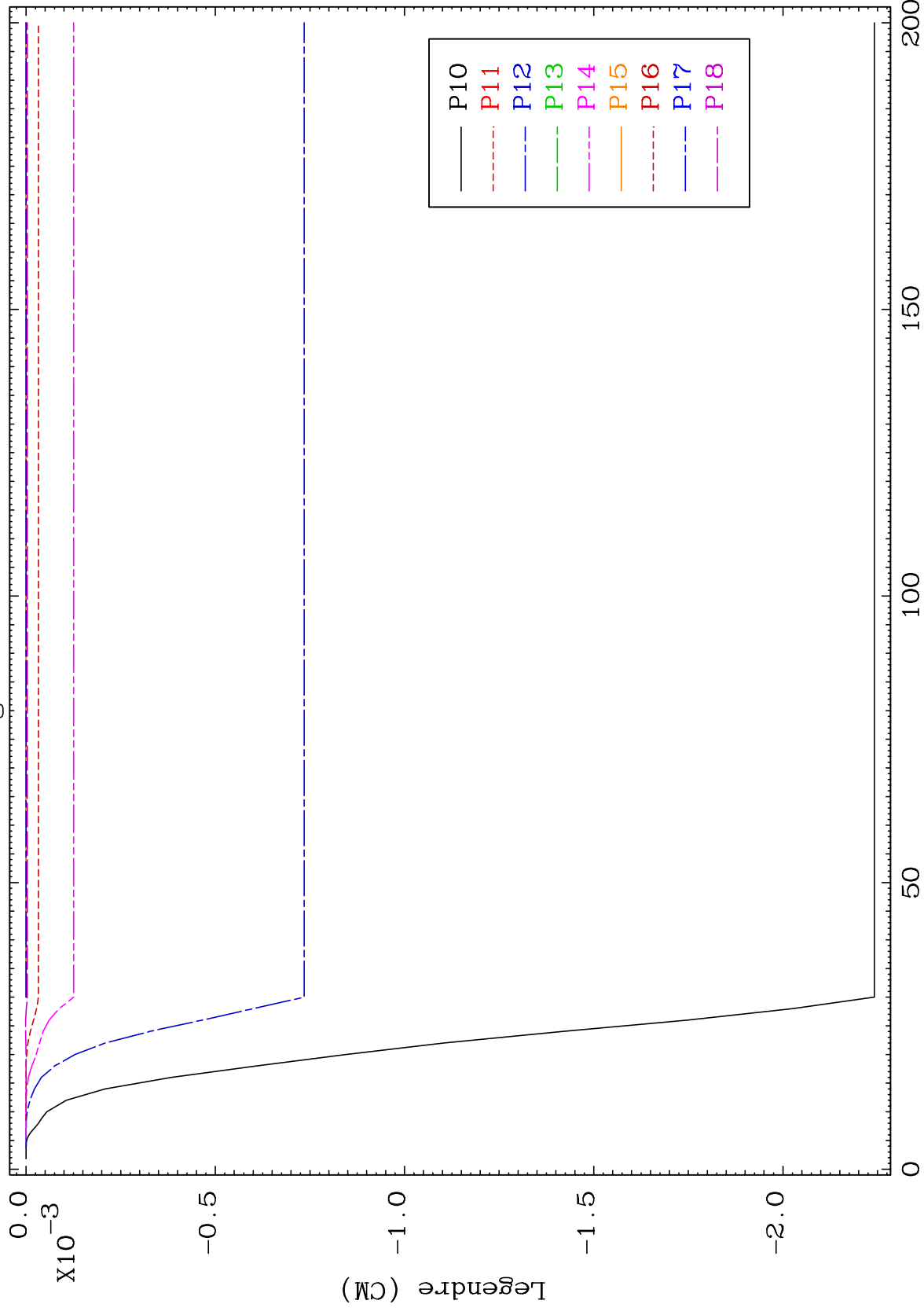




MAT 6486

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

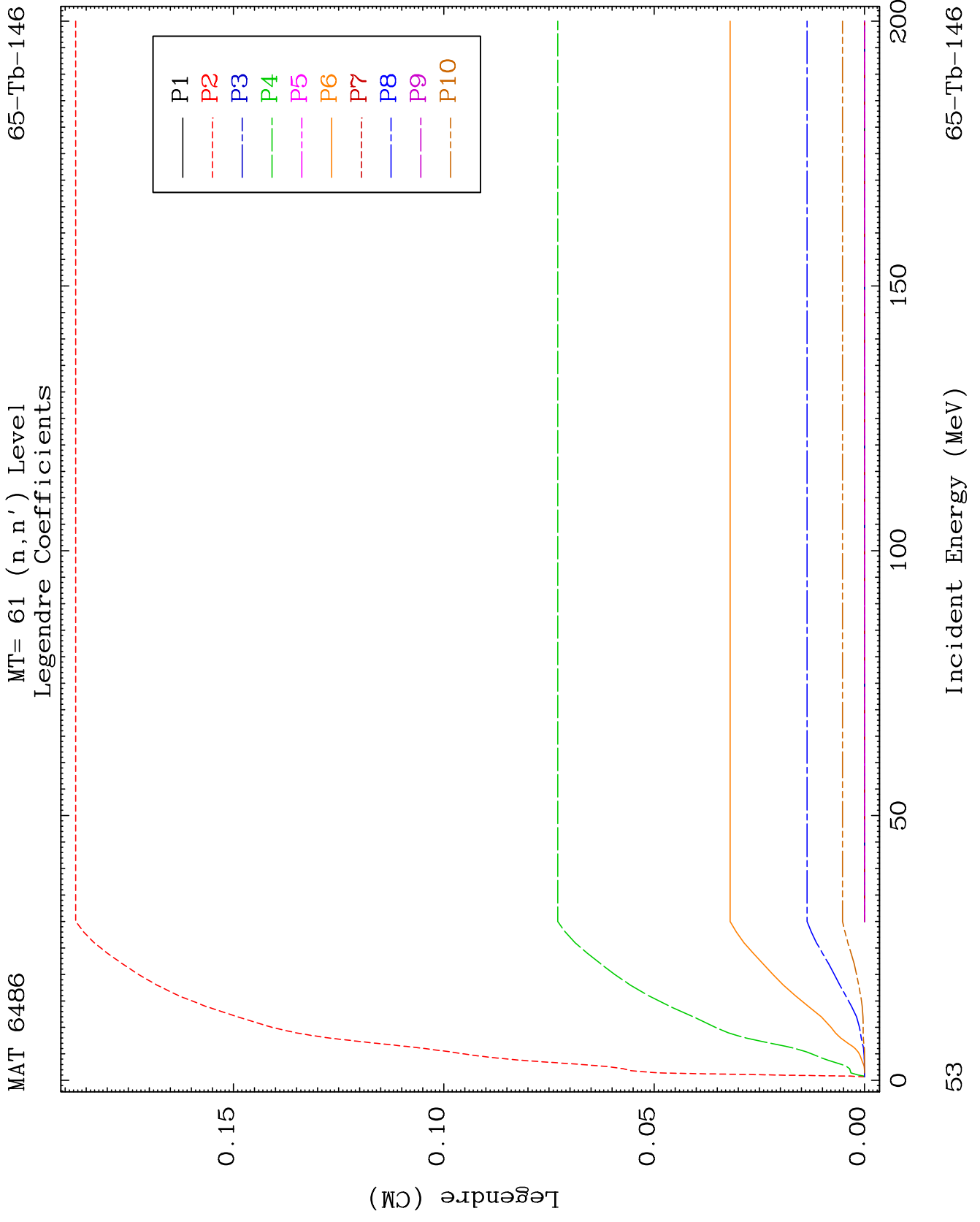
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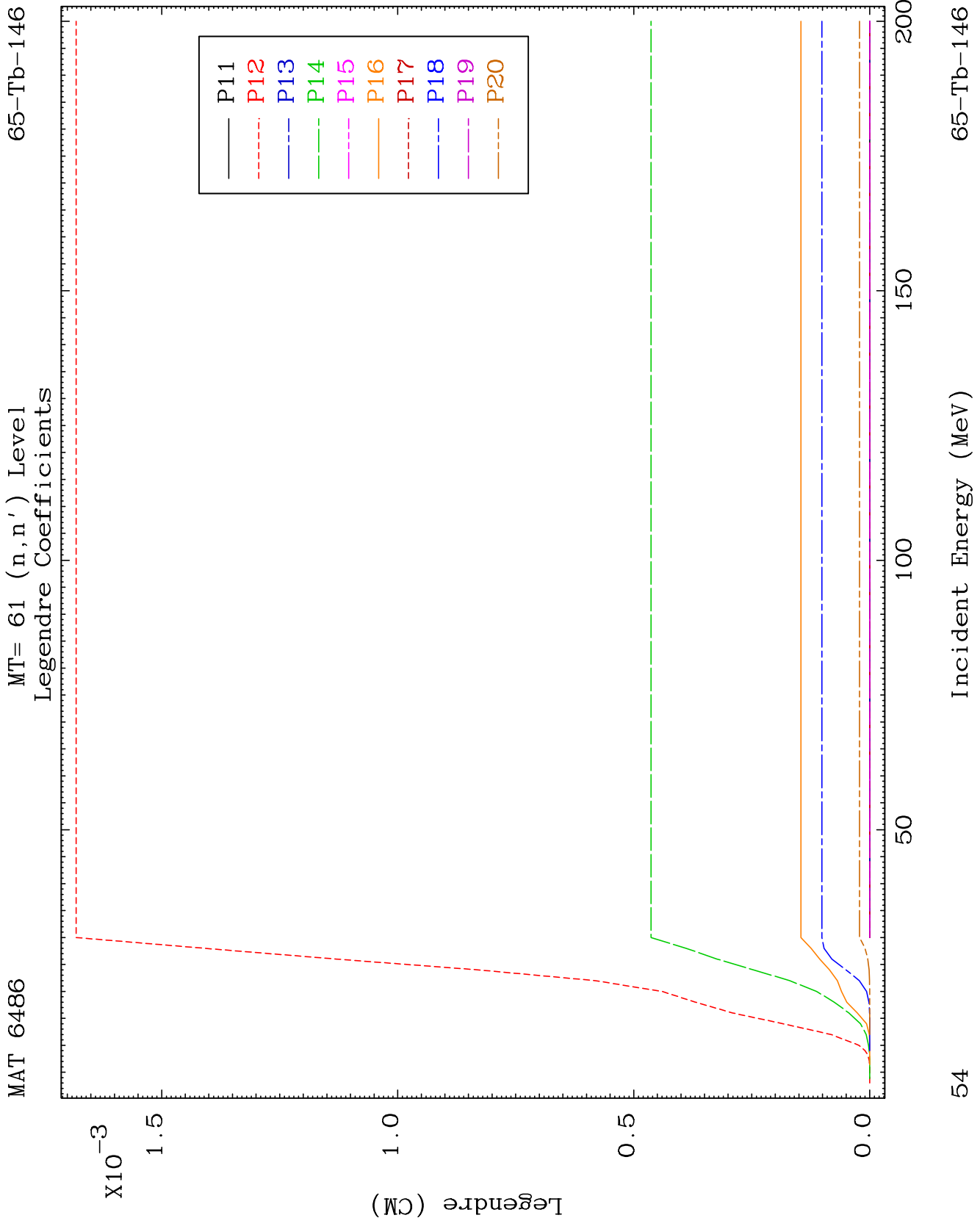


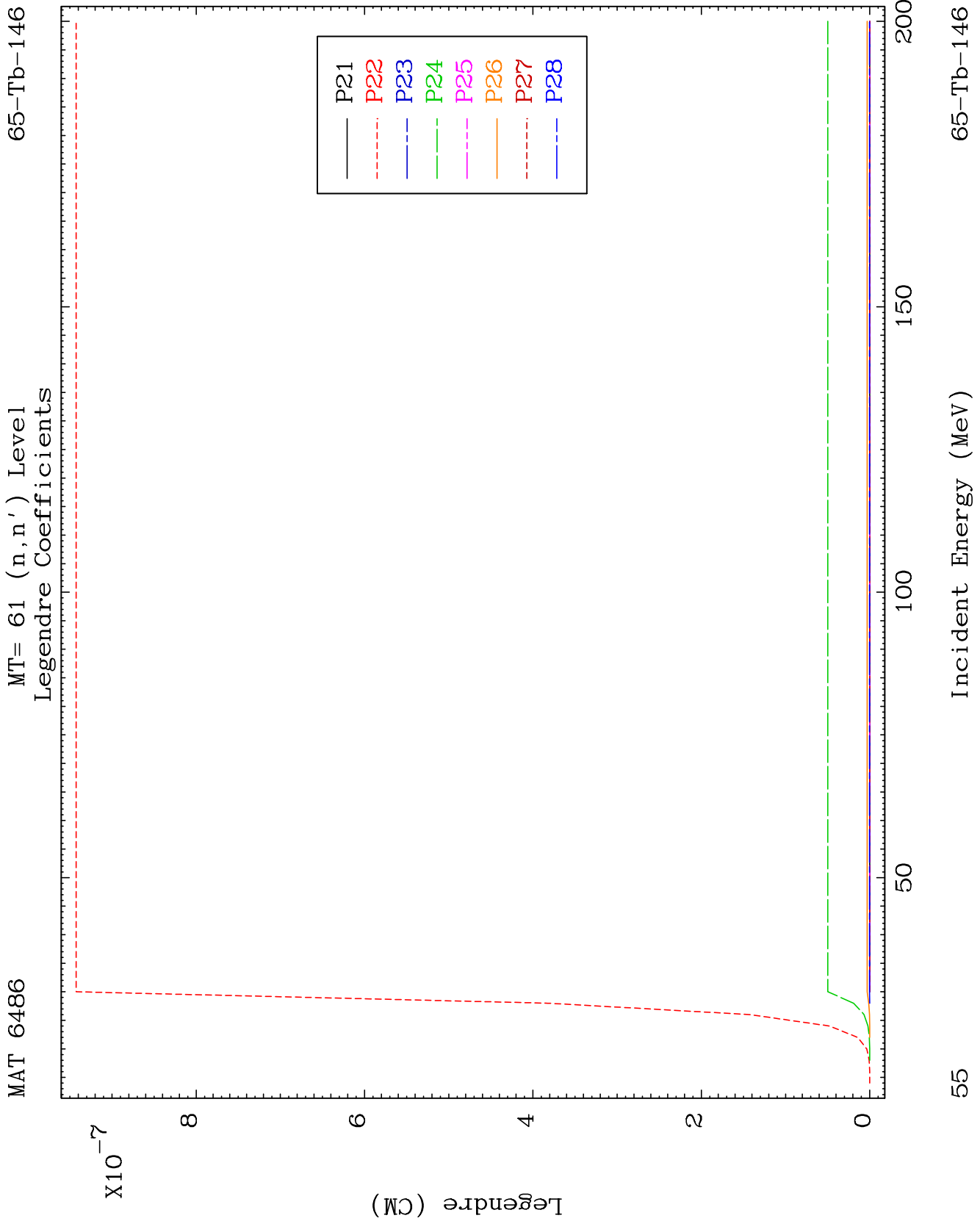
51

Incident Energy (MeV)

65-Tb-146



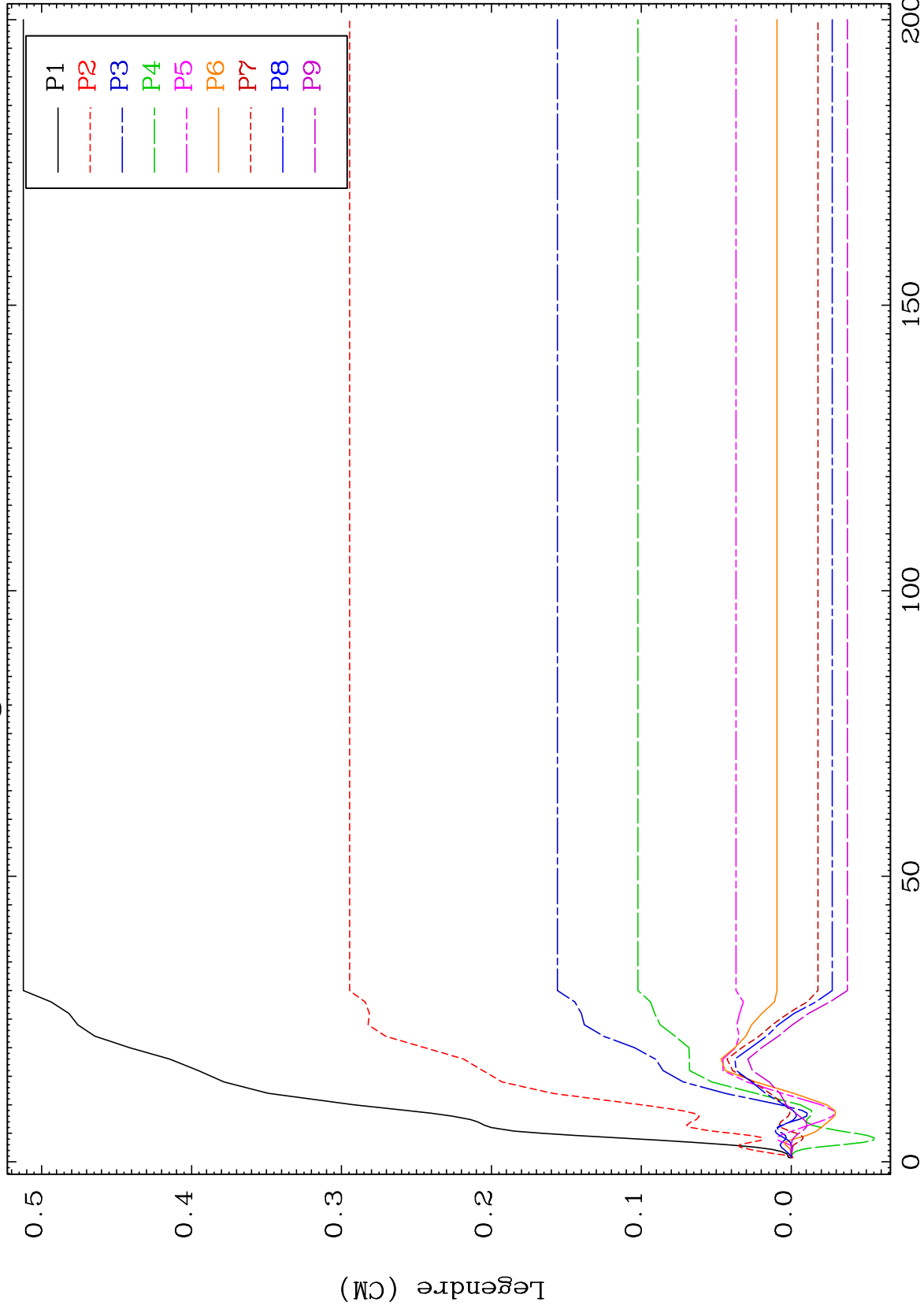




MAT 6486

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

65-Tb-146



56

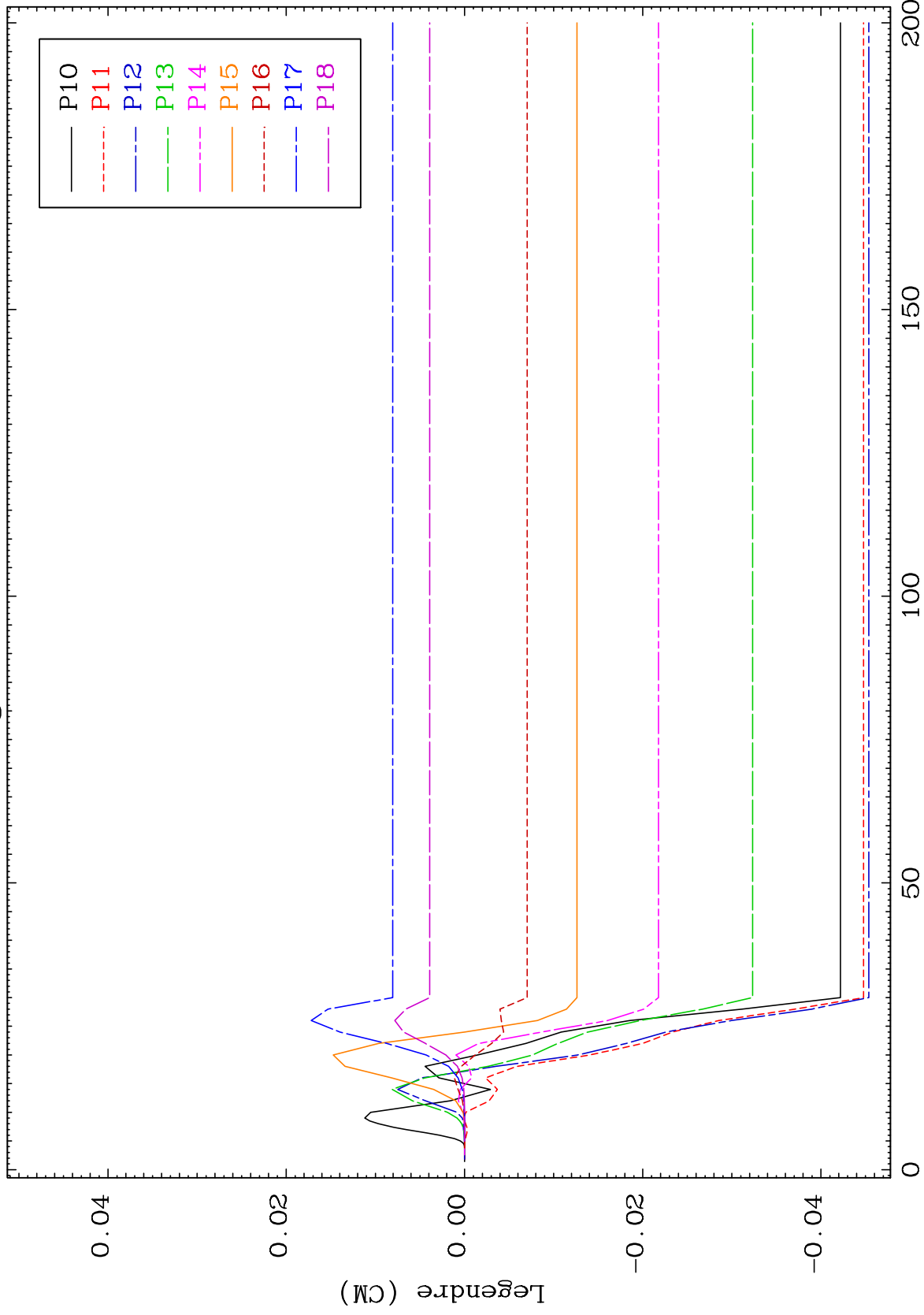
65-Tb-146

65-Tb-146

MAT 6486

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

65-Tb-146



57

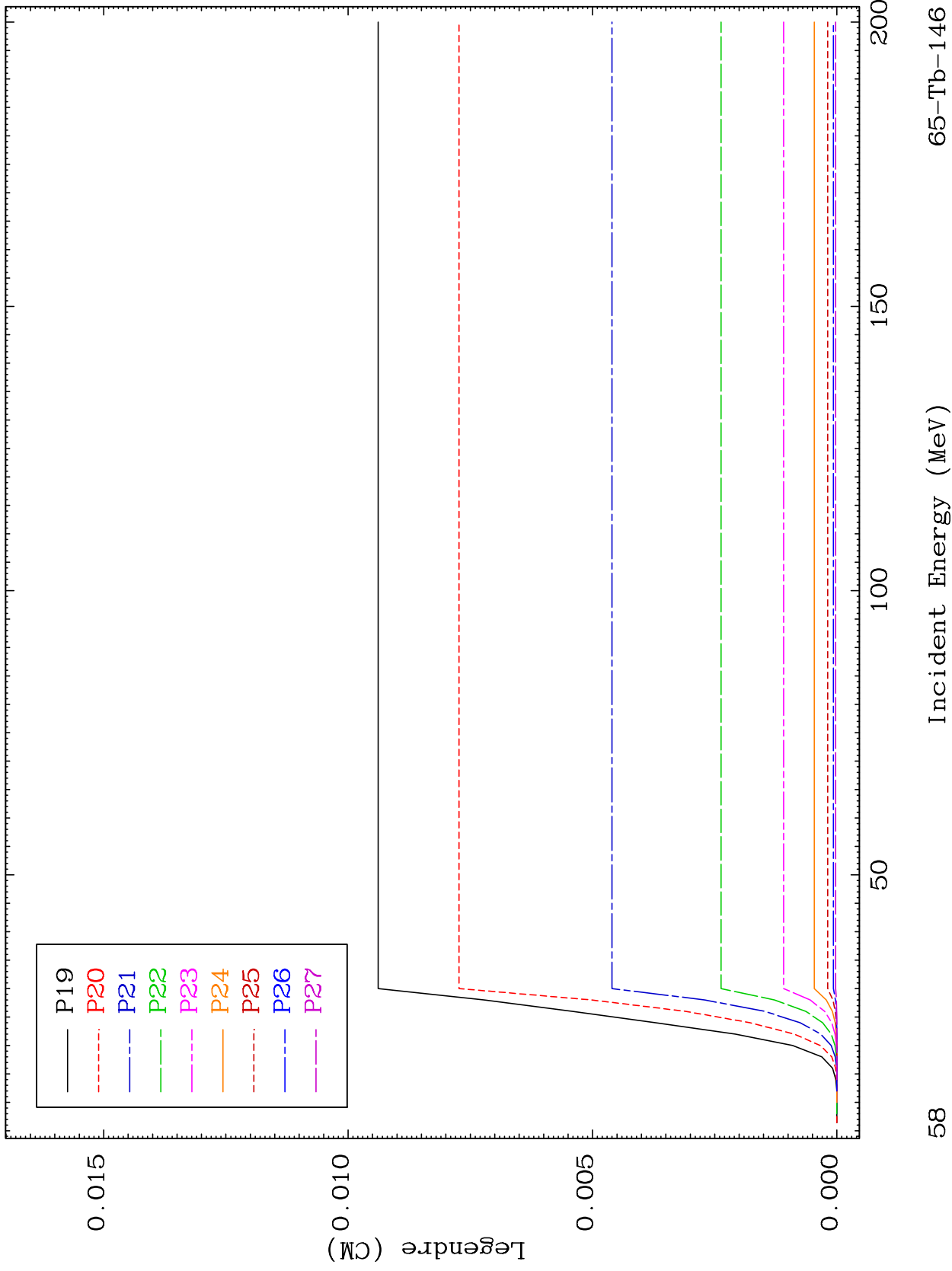
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



58

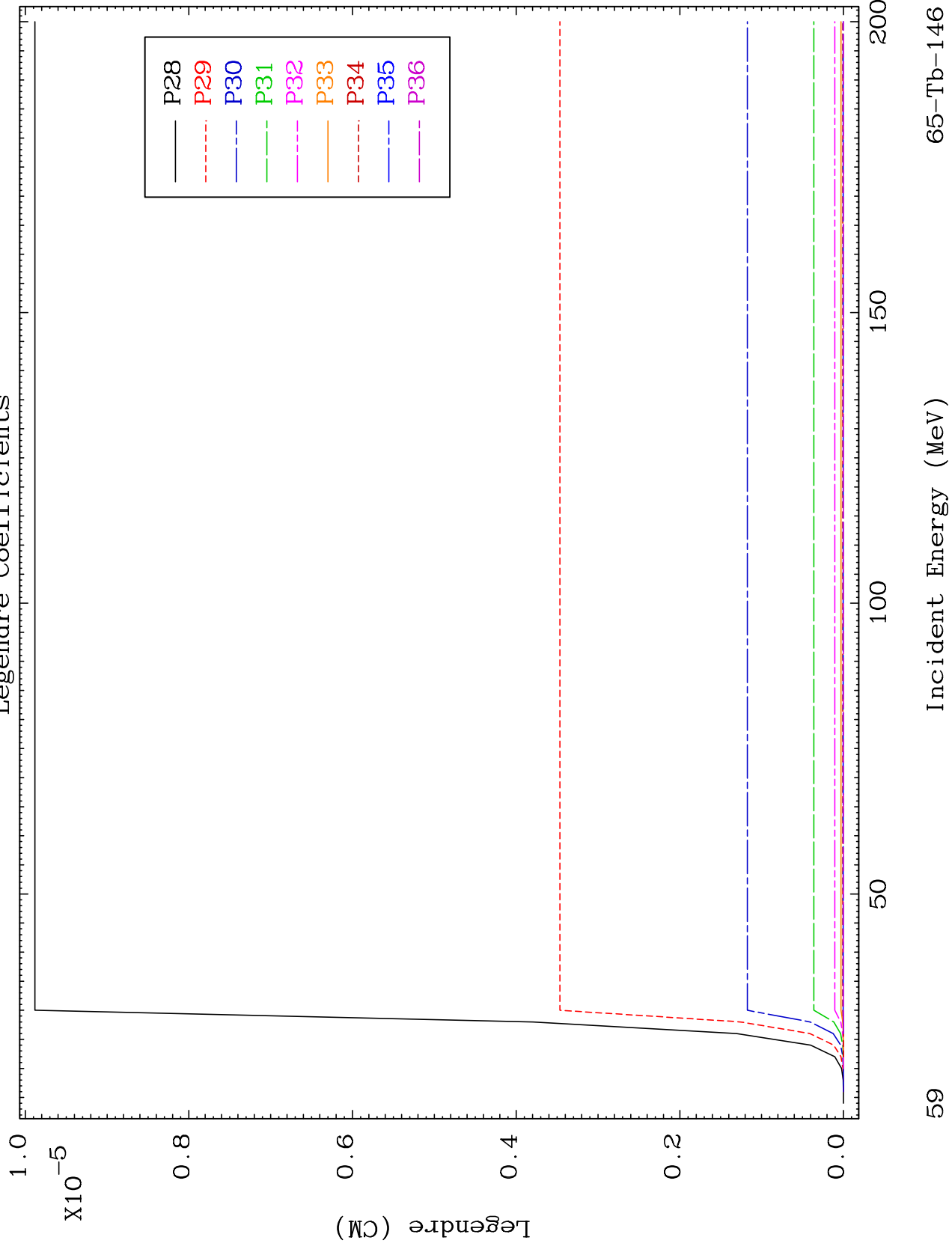
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



59

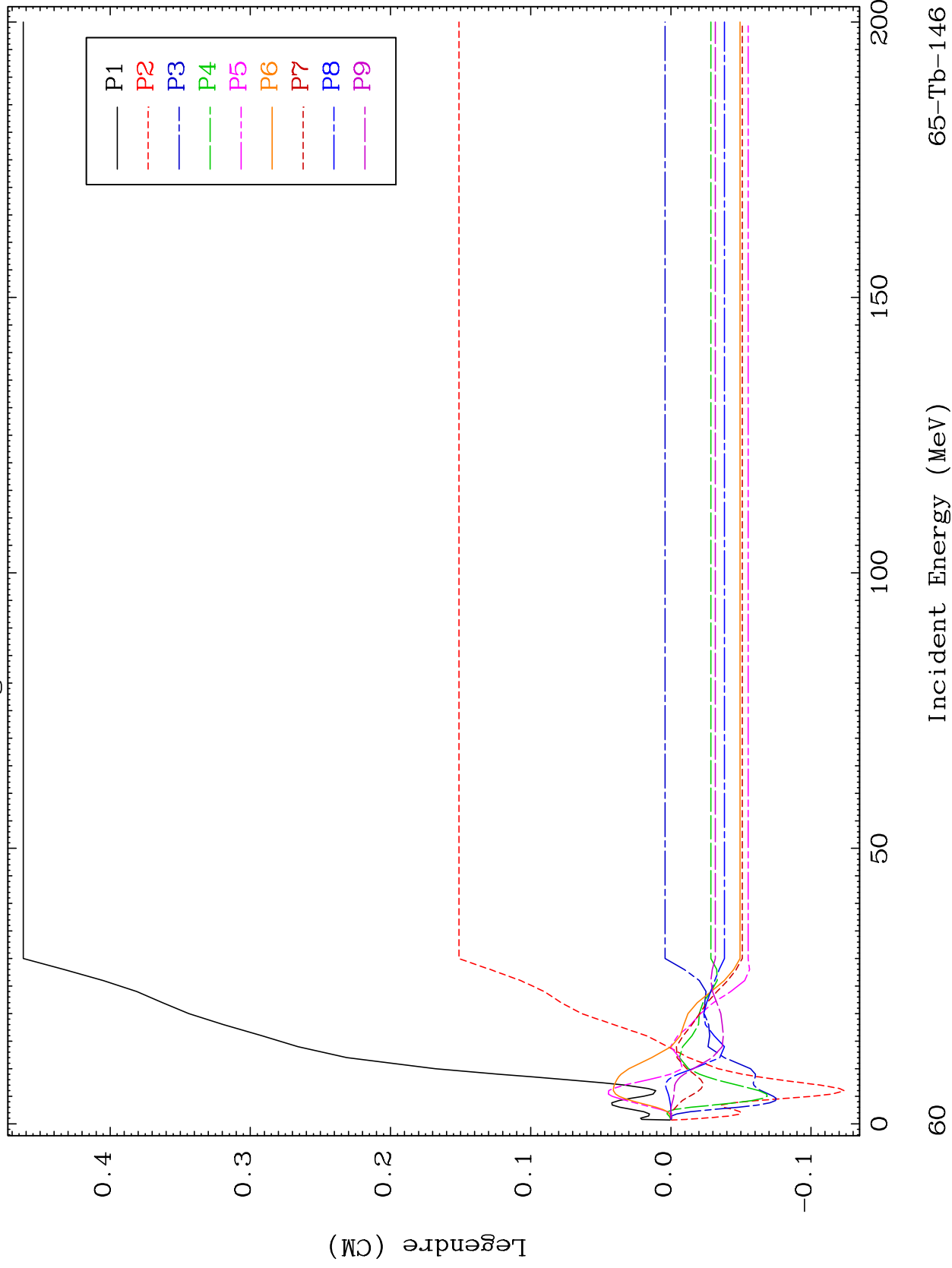
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146

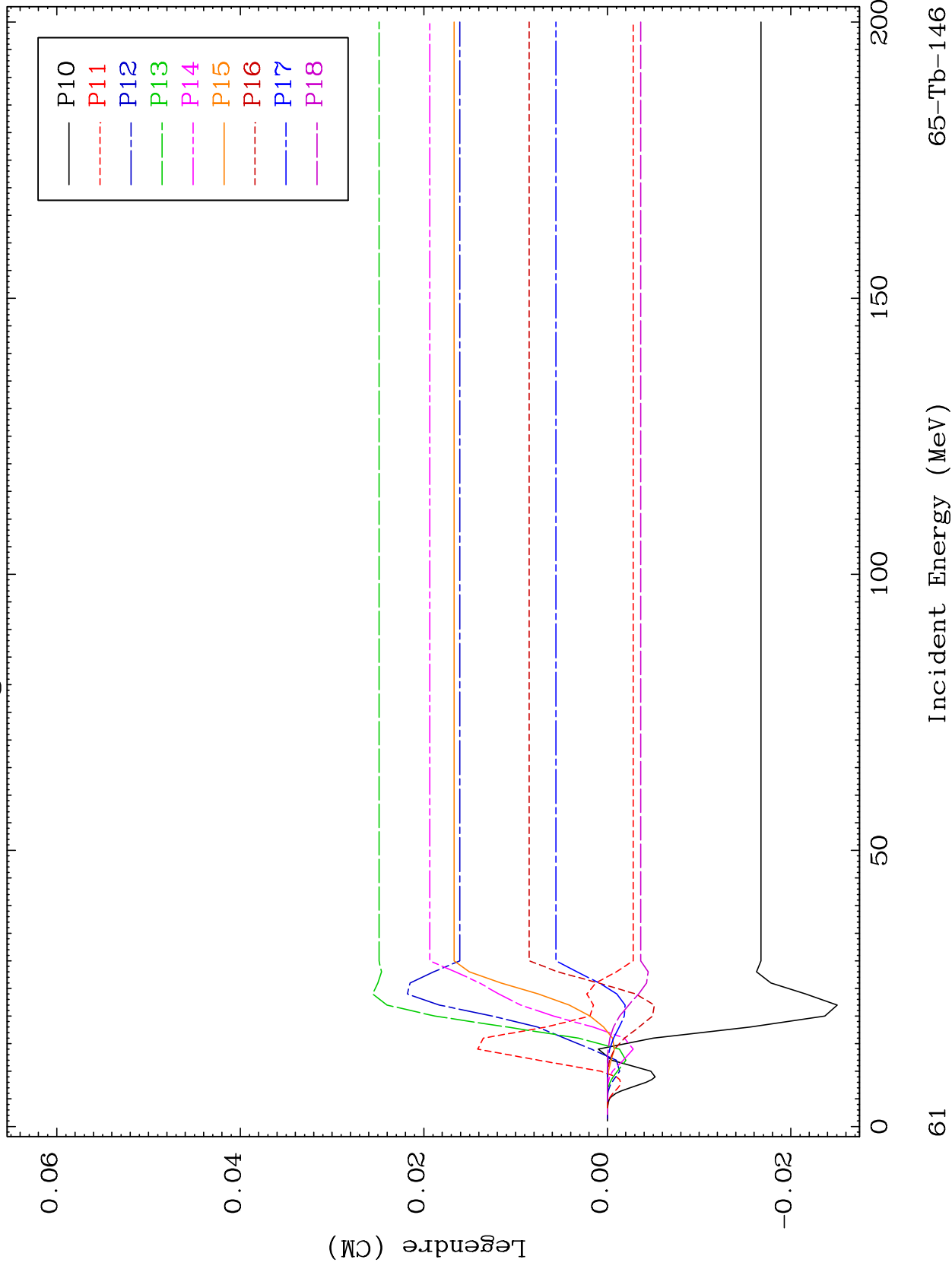


65-Tb-146

MAT 6486

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

65-Tb-146



61

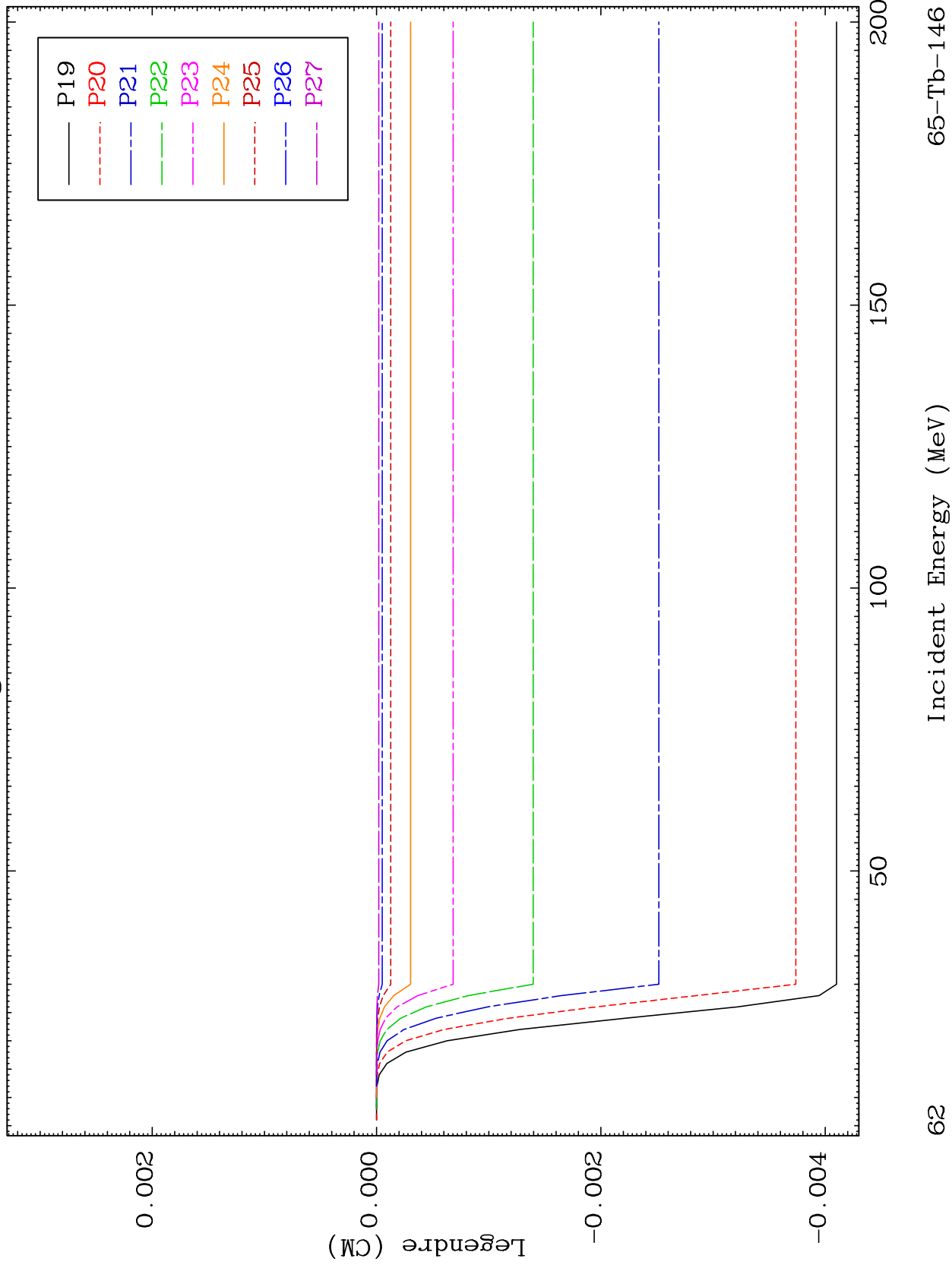
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

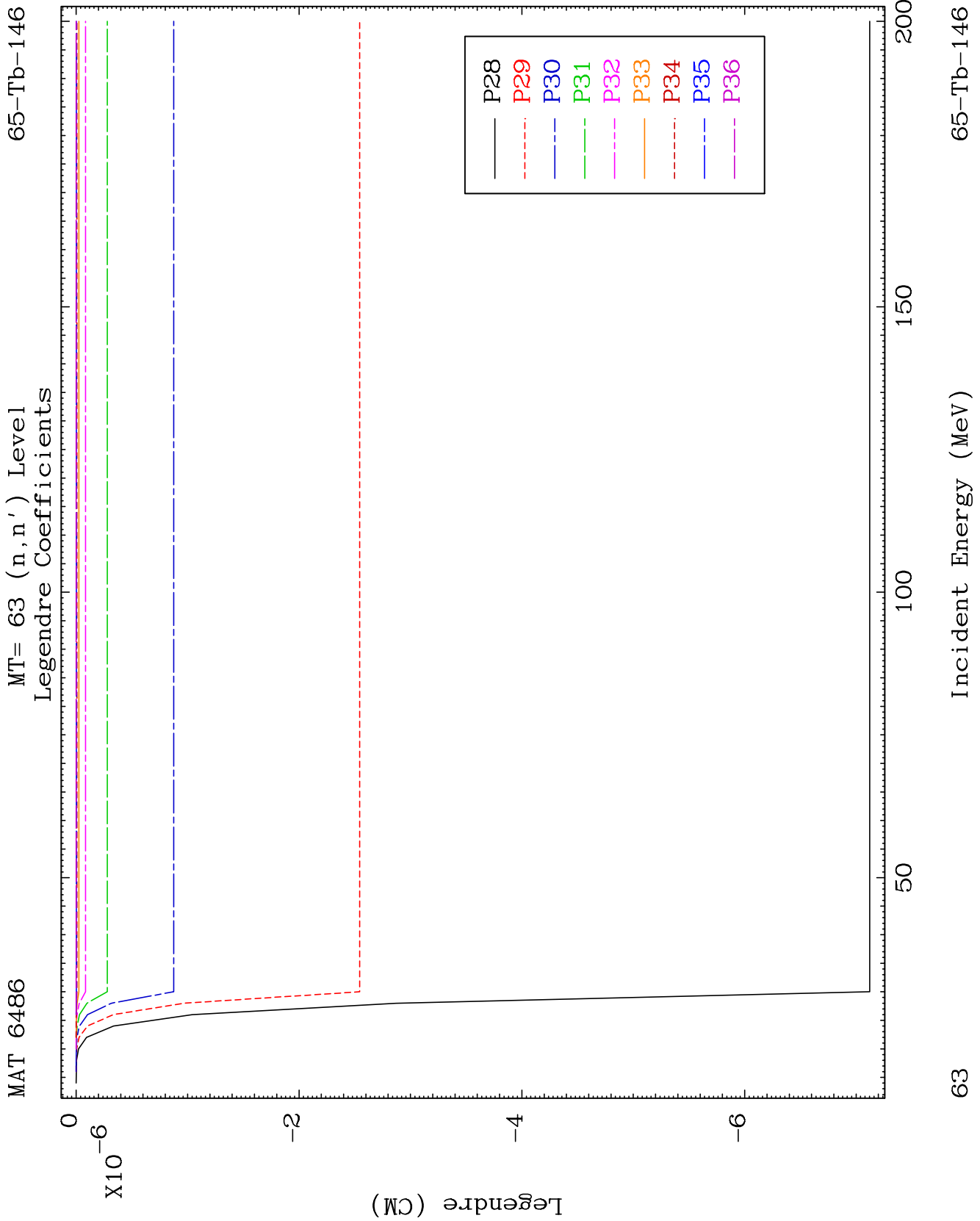
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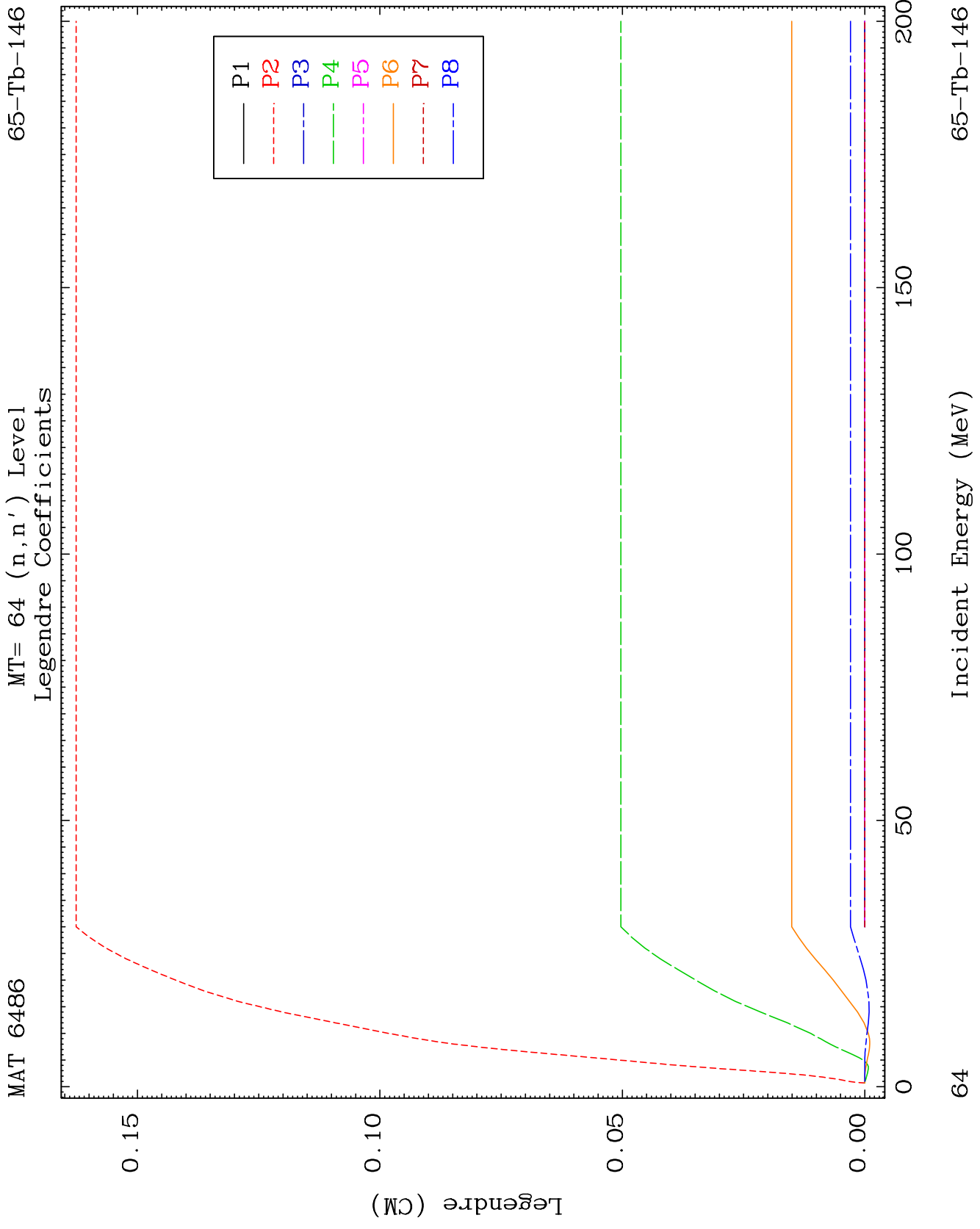


62

Incident Energy (MeV)

65-Tb-146





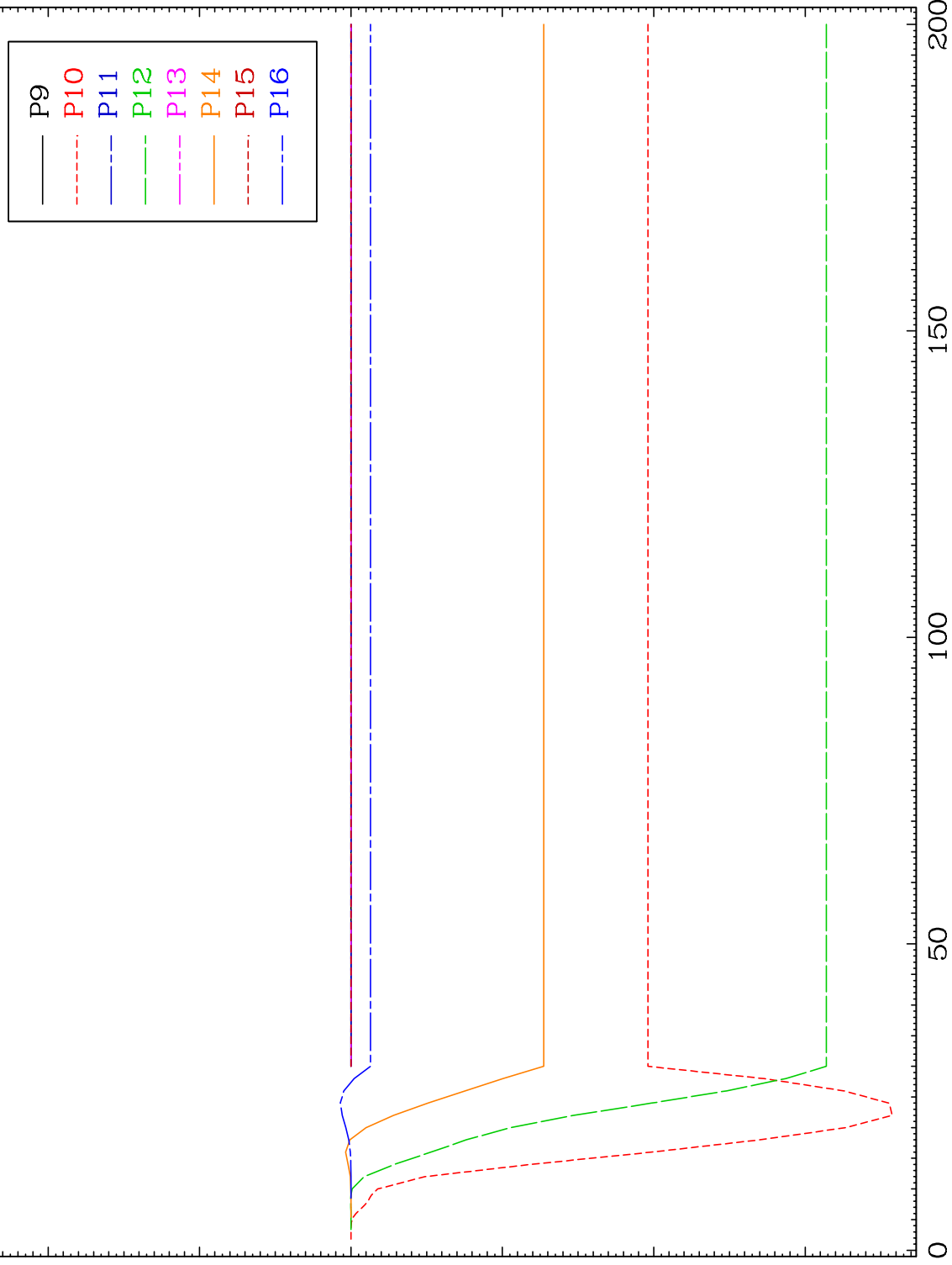
MAT 6486

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

65-Tb-146

$\times 10^{-4}$

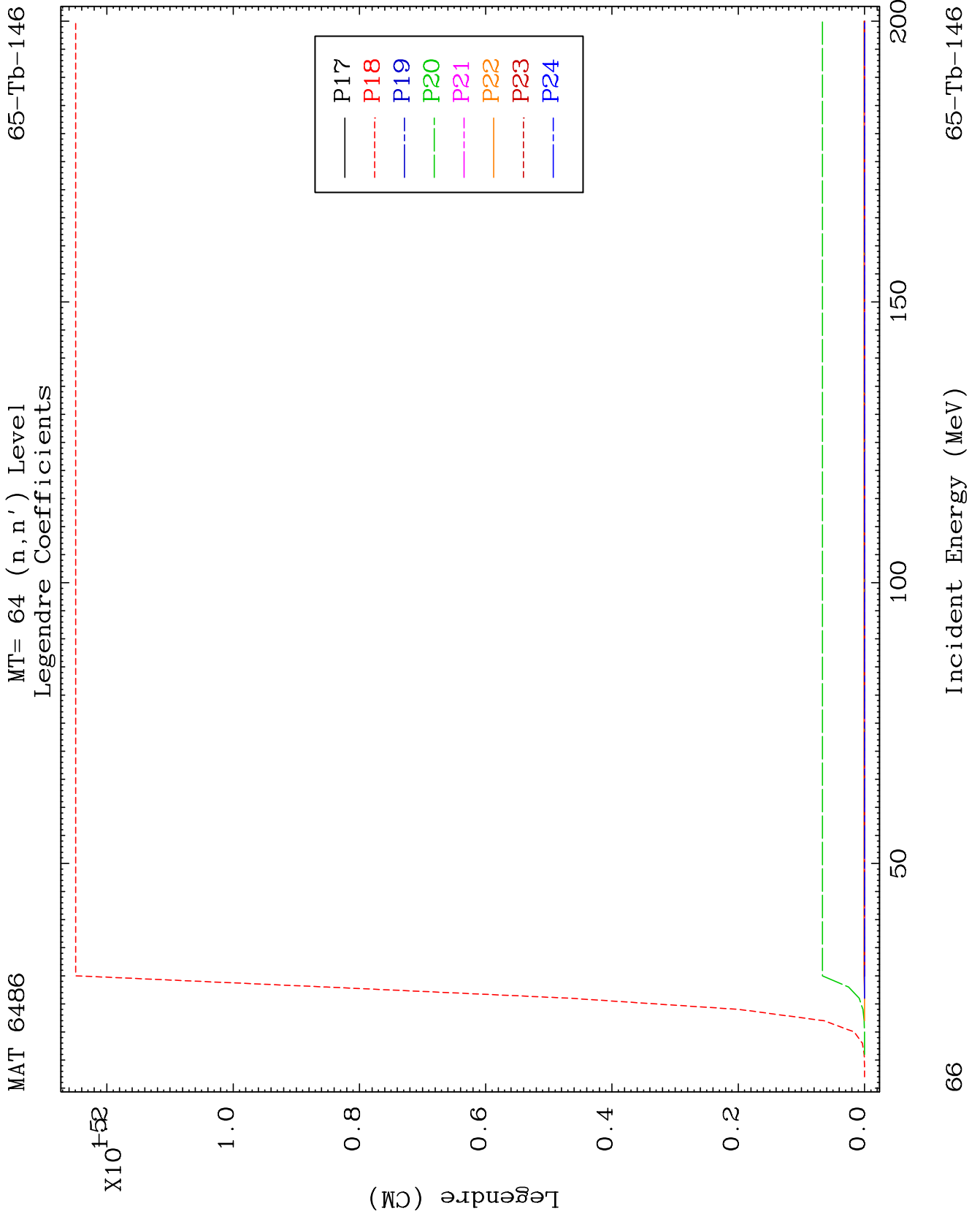
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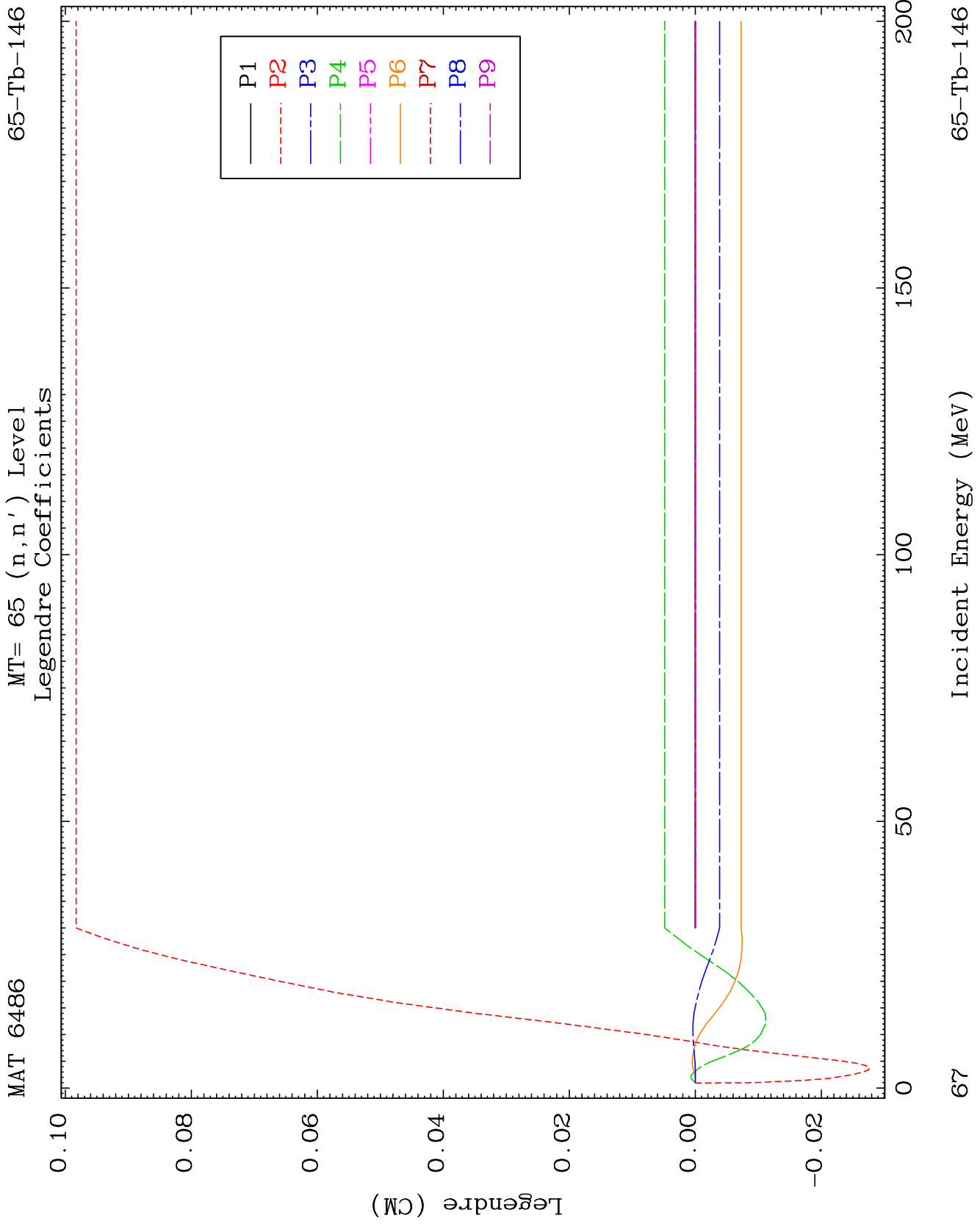


65

Incident Energy (MeV)

65-Tb-146

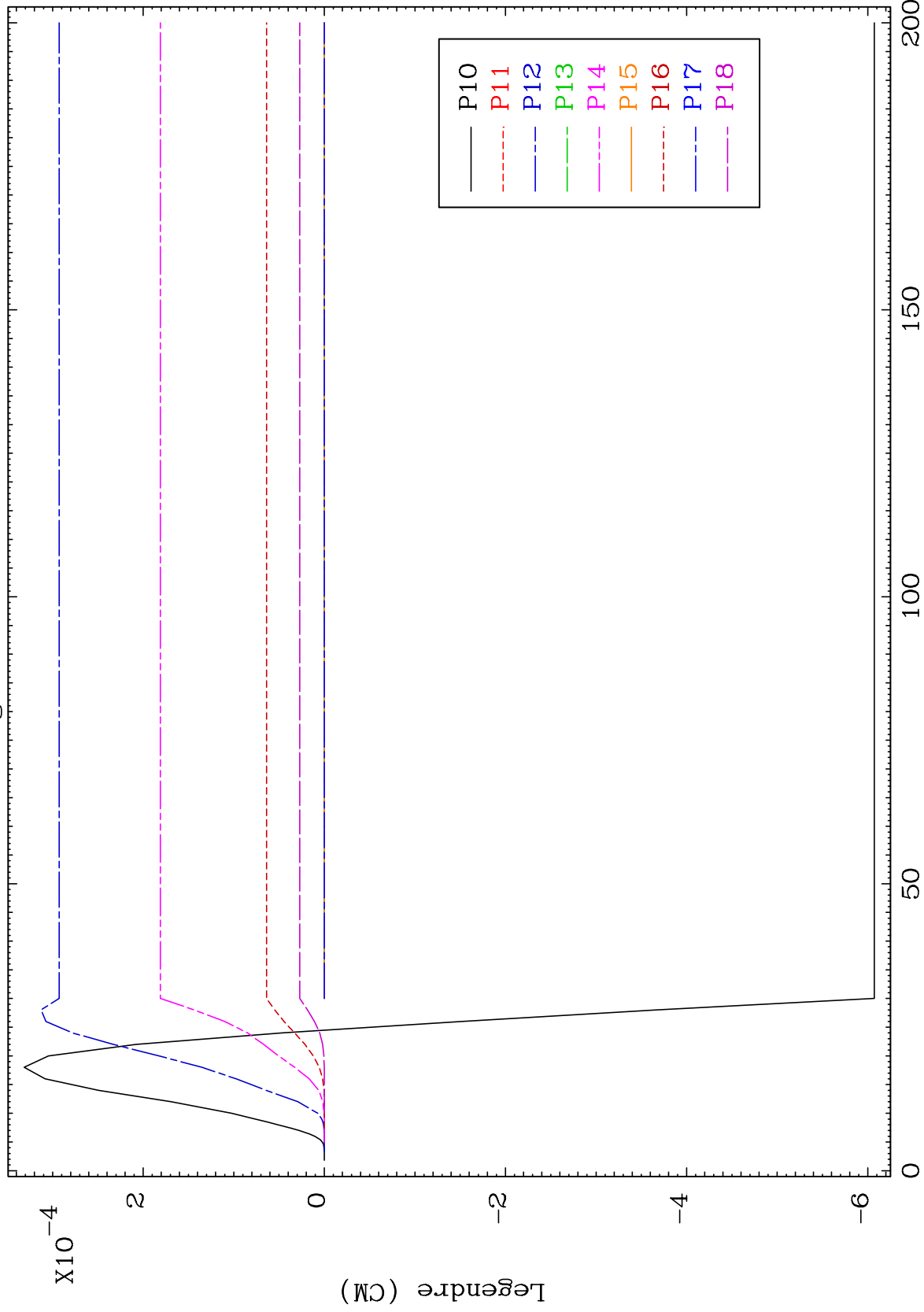




MAT 6486

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

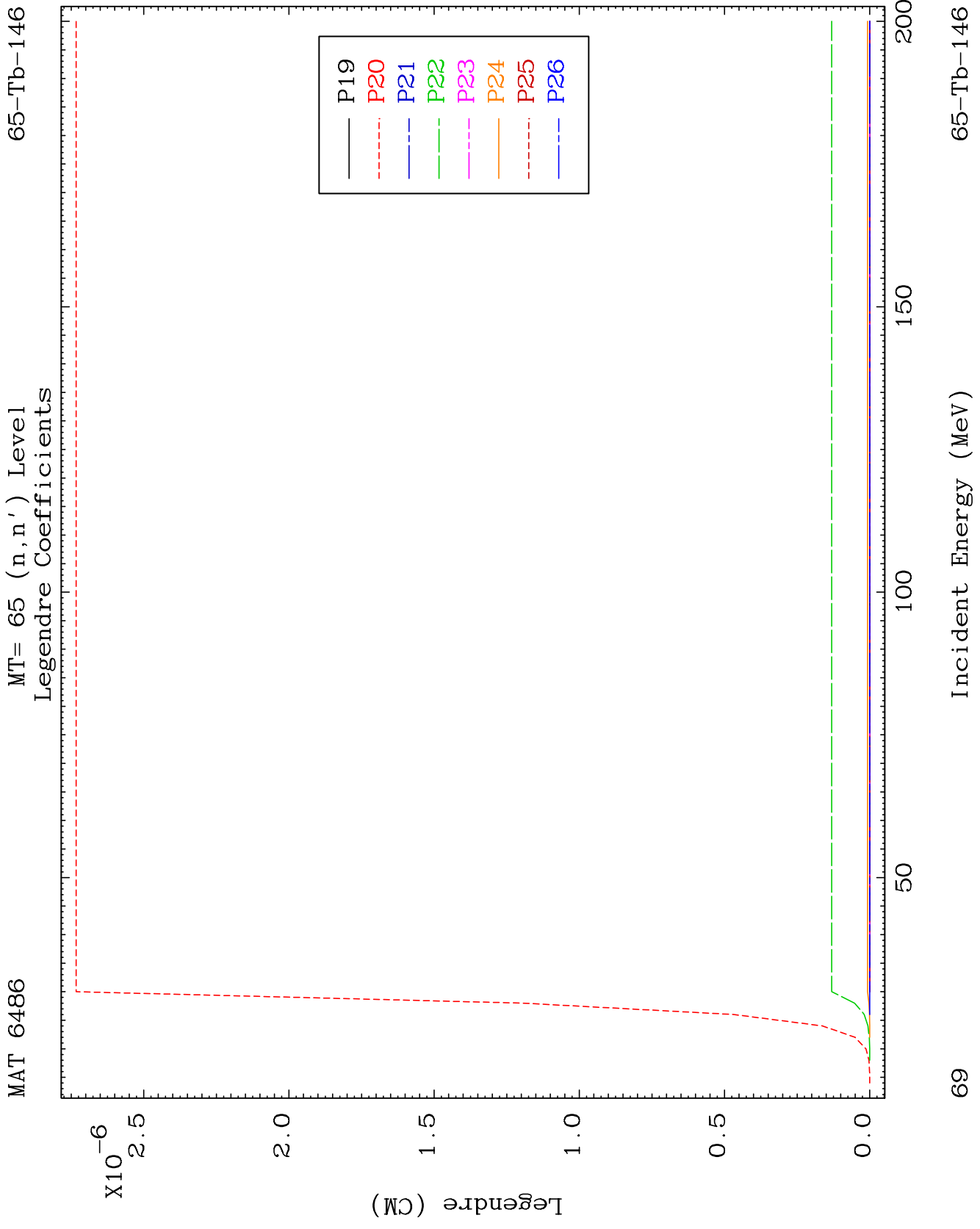
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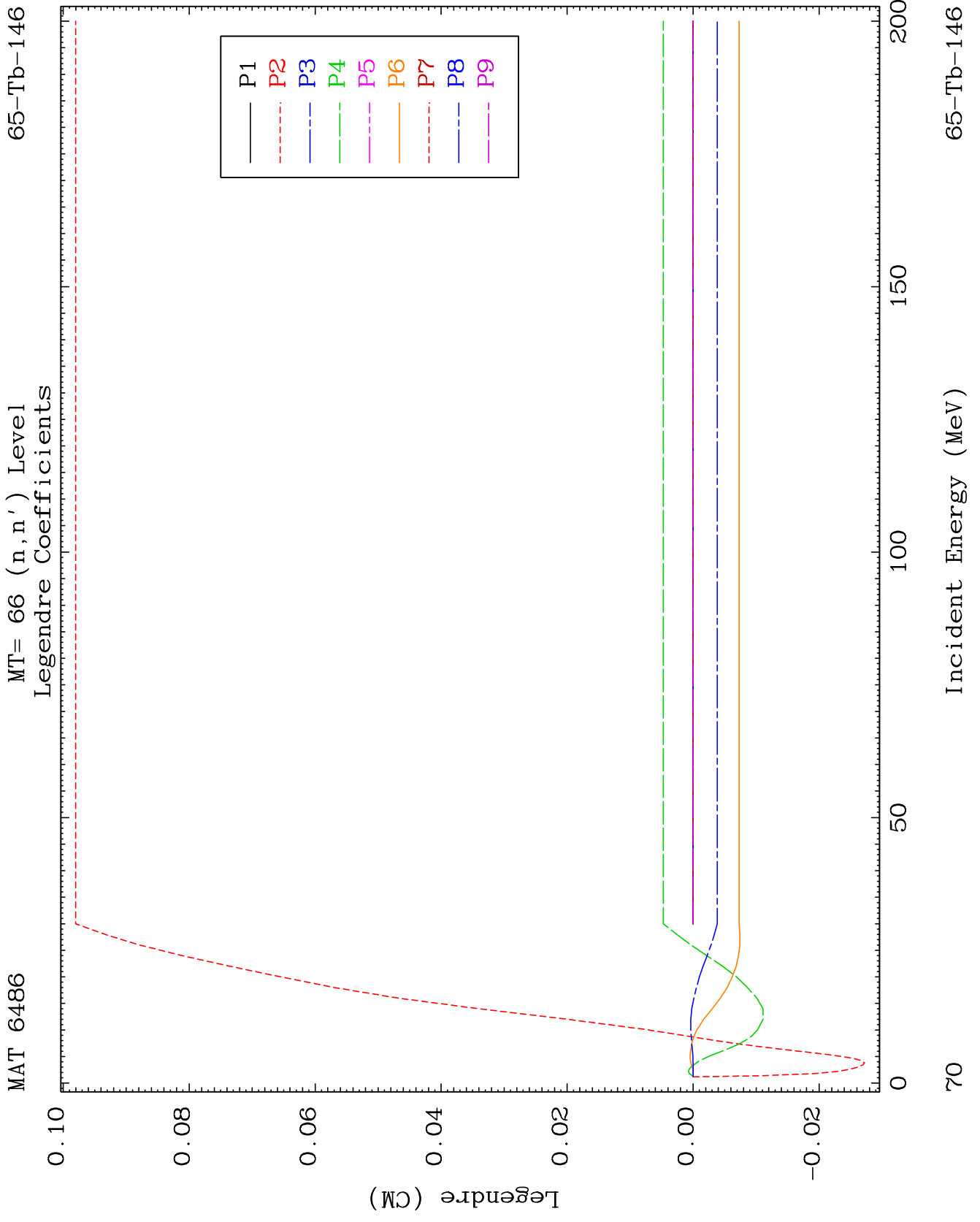


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Incident Energy (MeV)

65-Tb-146

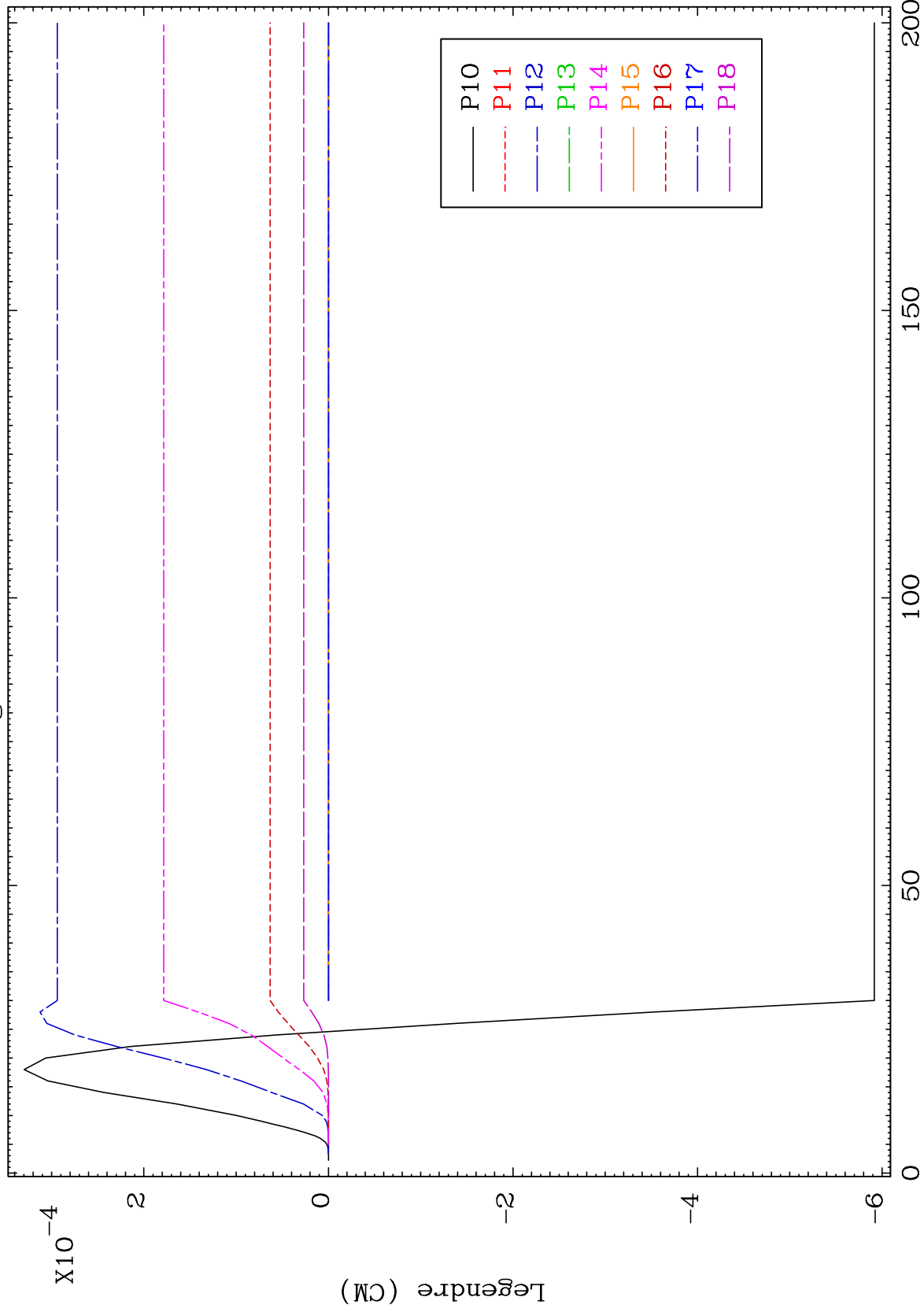




MAT 6486

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

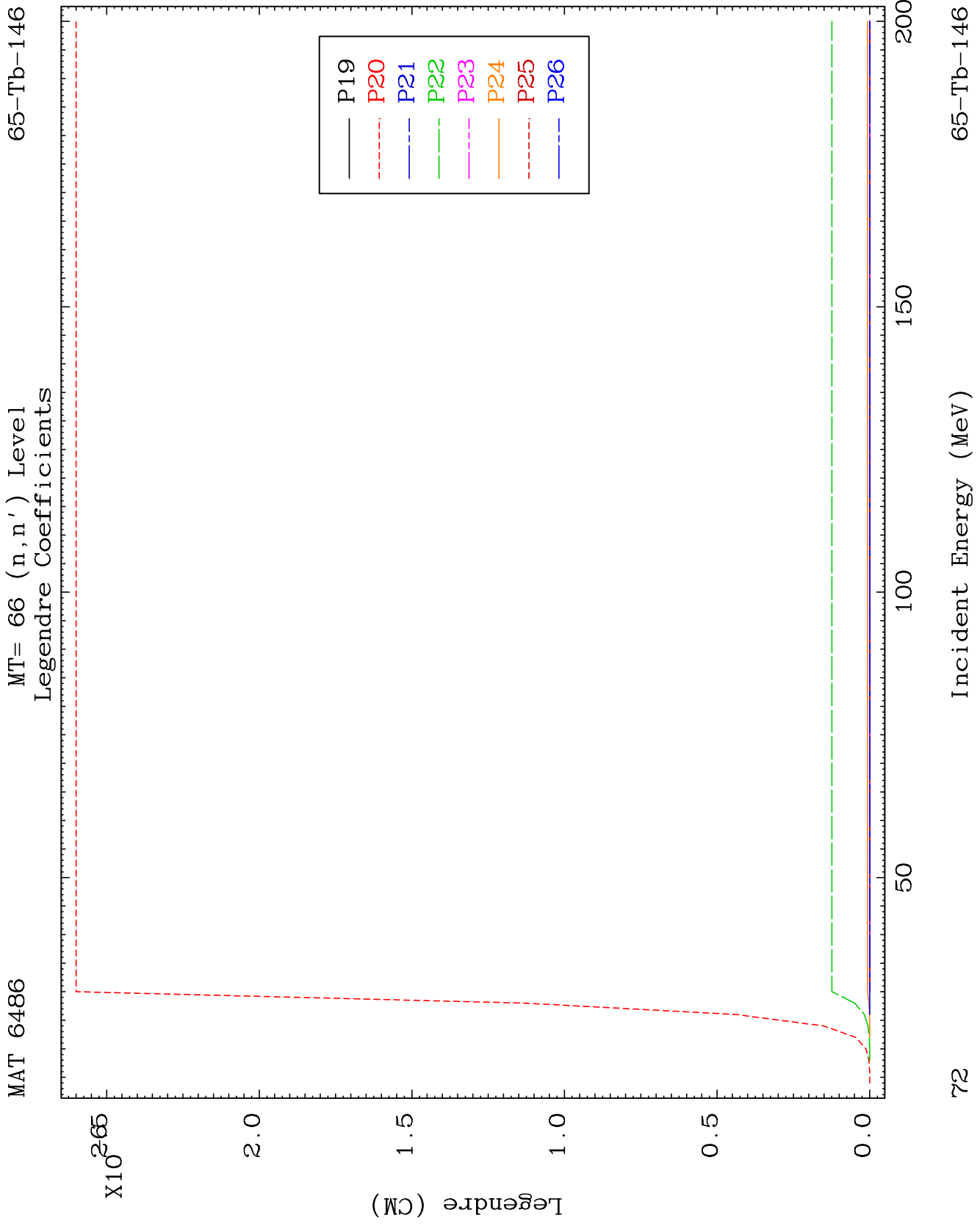
65-Tb-146

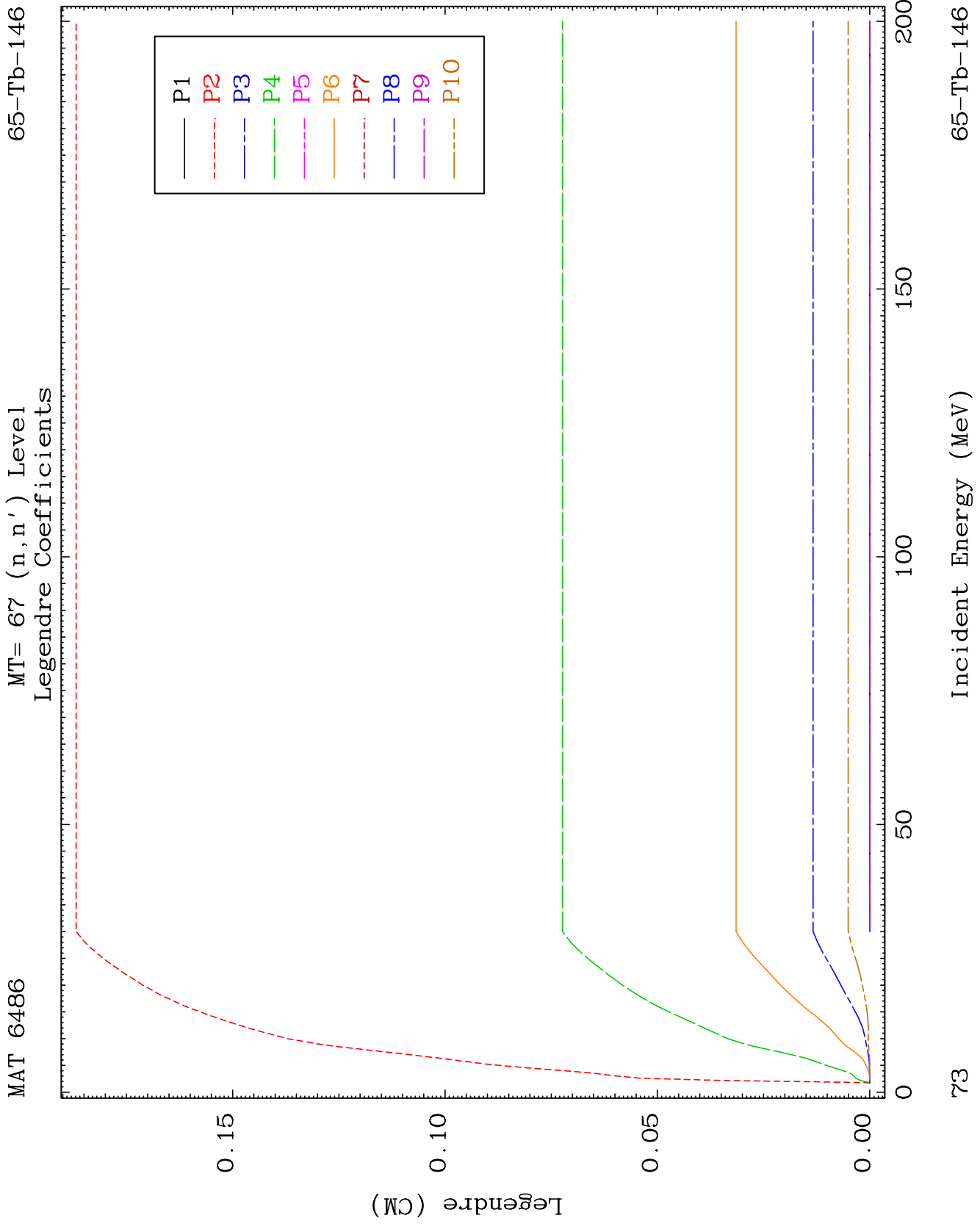


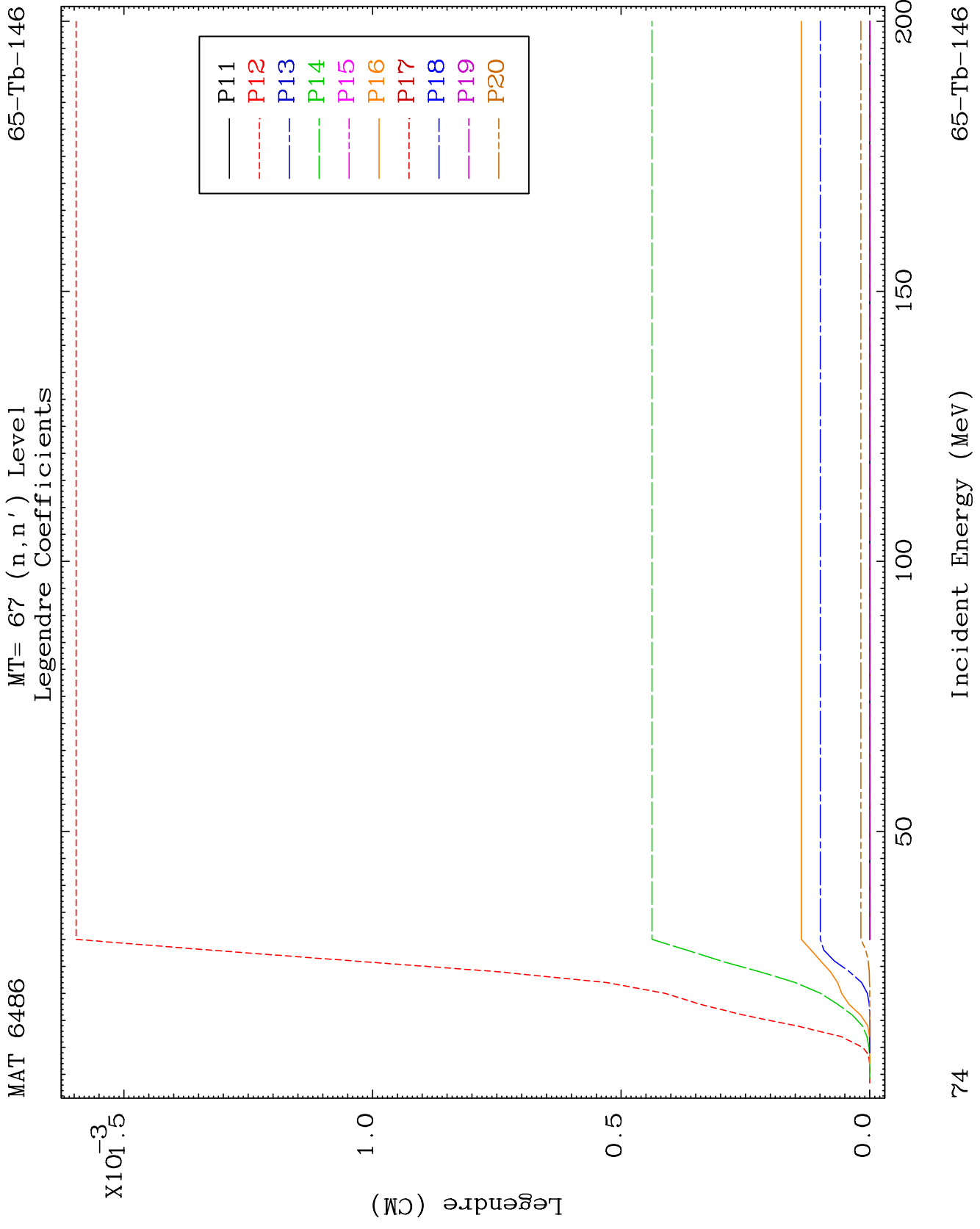
71

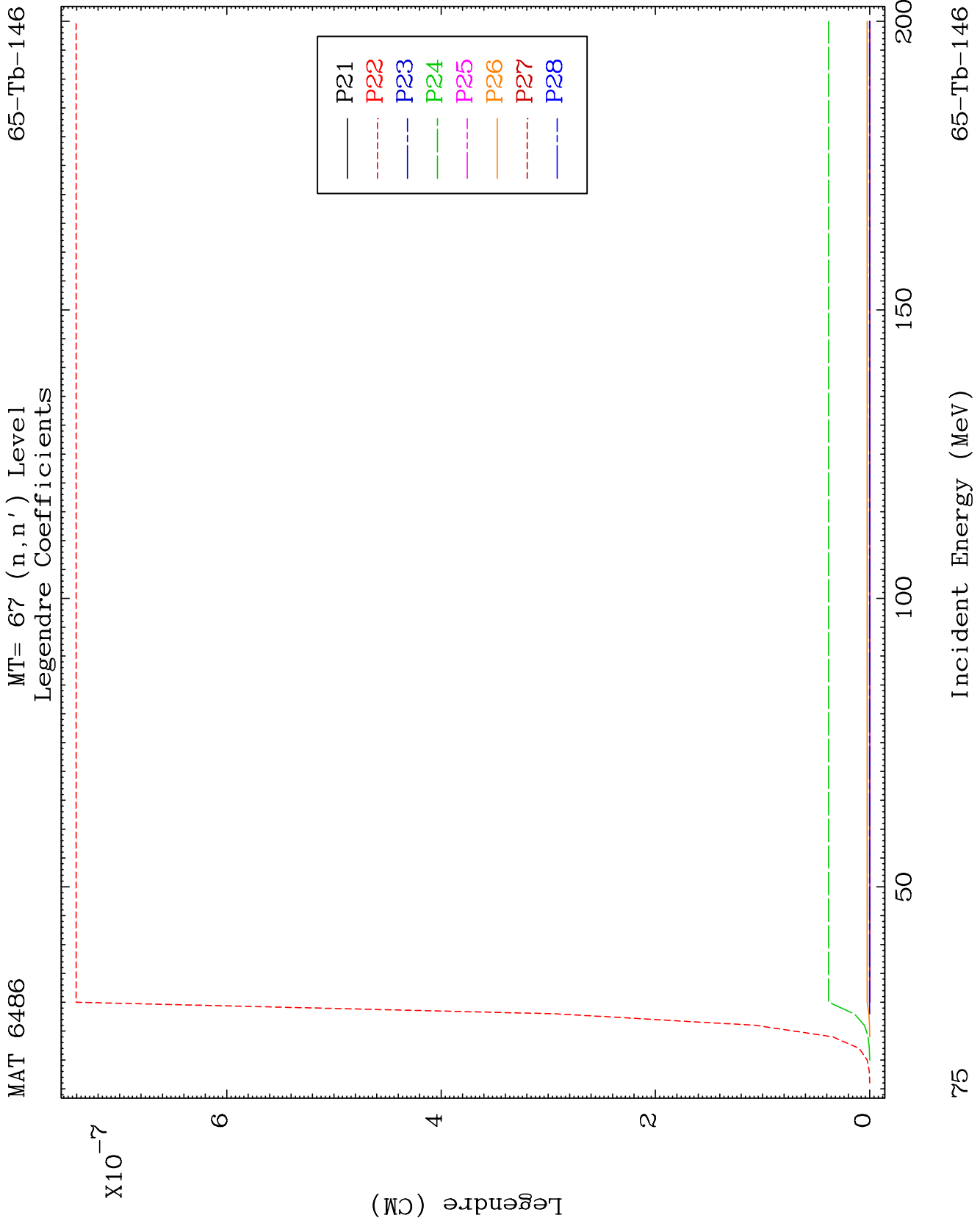
Incident Energy (MeV)

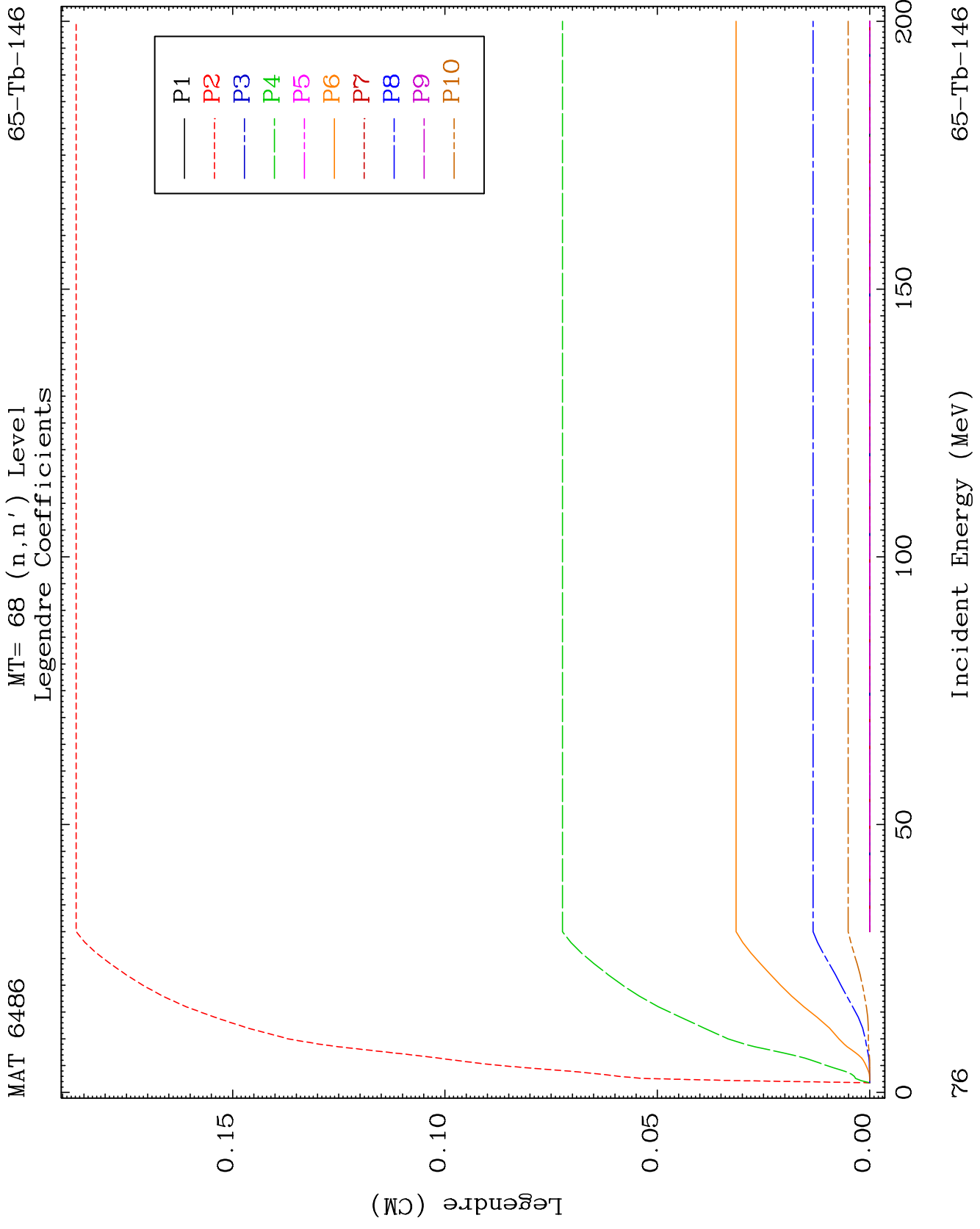
65-Tb-146

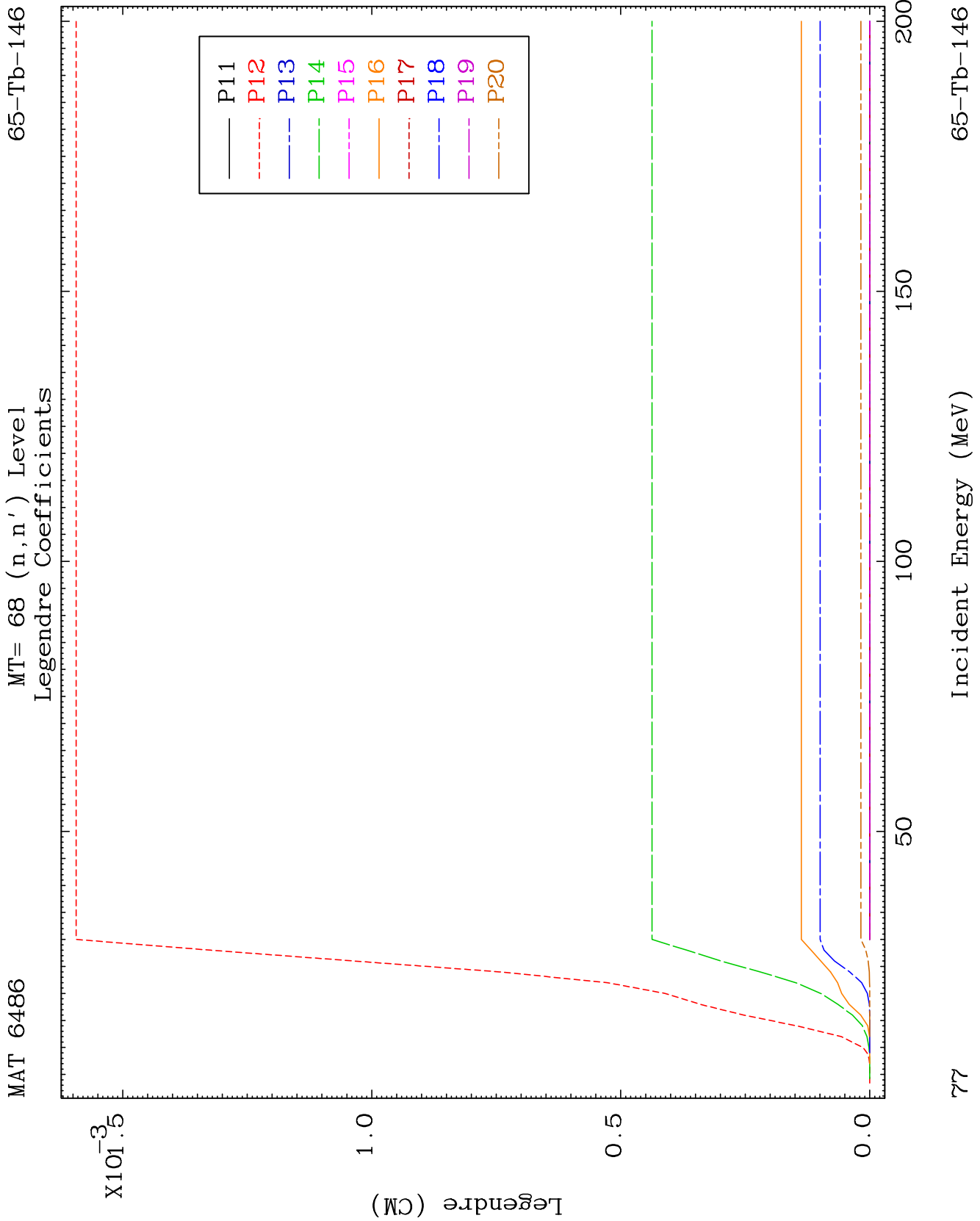








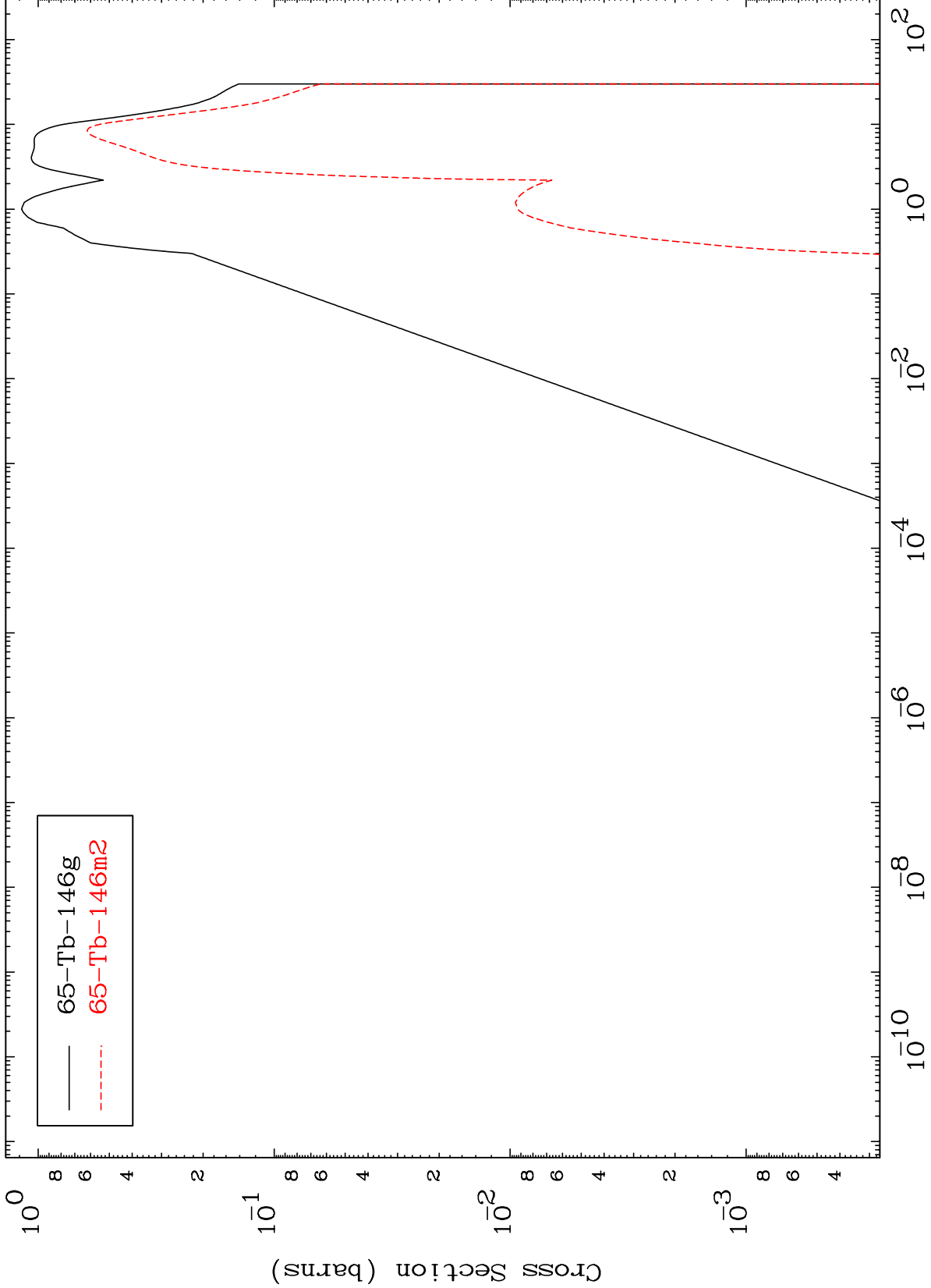




MAT 6486

Inelastic
Radionuclide Production Cross Section

65-Tb-146



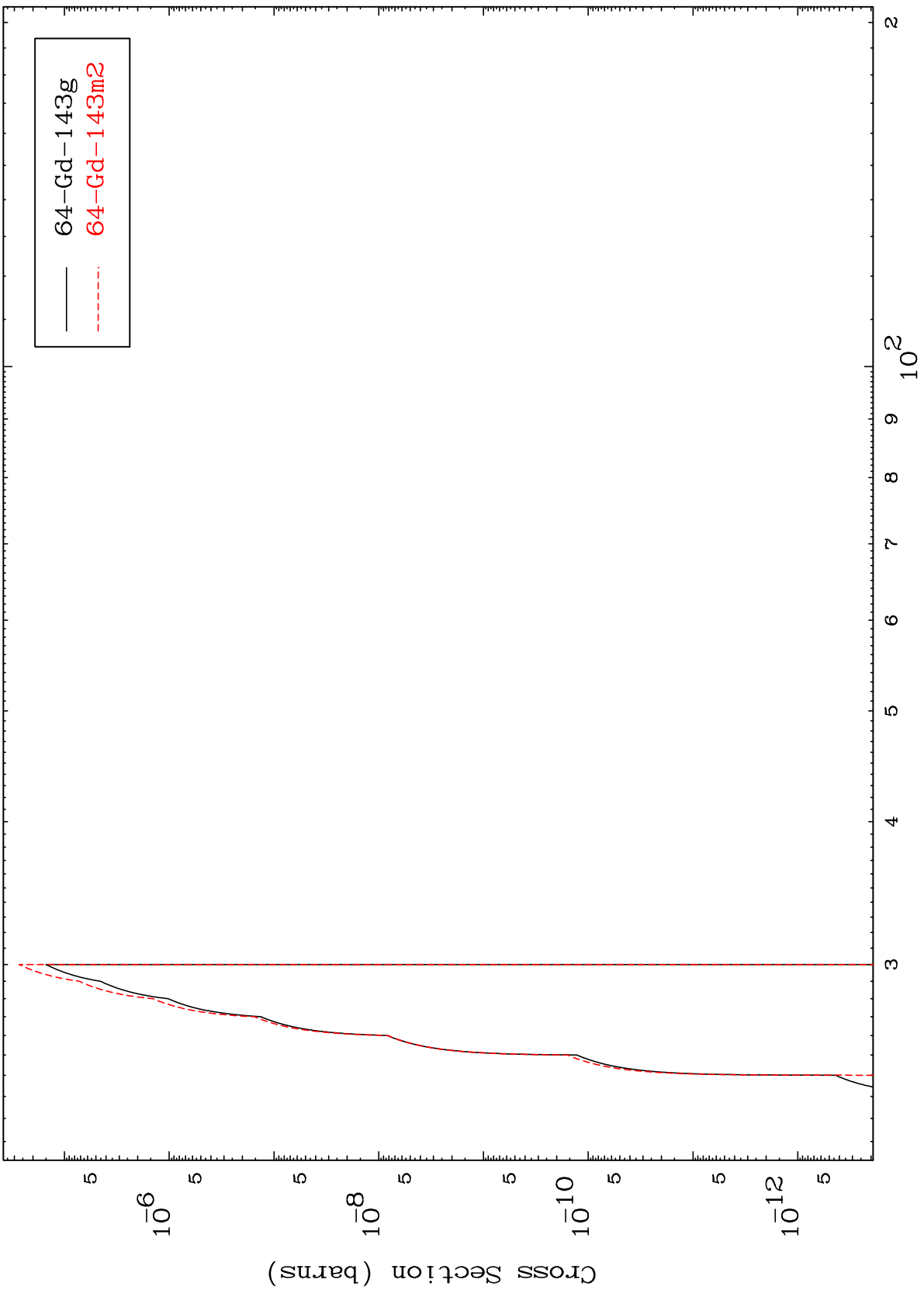
65-Tb-146g
65-Tb-146m2

MAT 6486

(n,2n) d

65-Tb-146

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

80

Incident Energy (MeV)

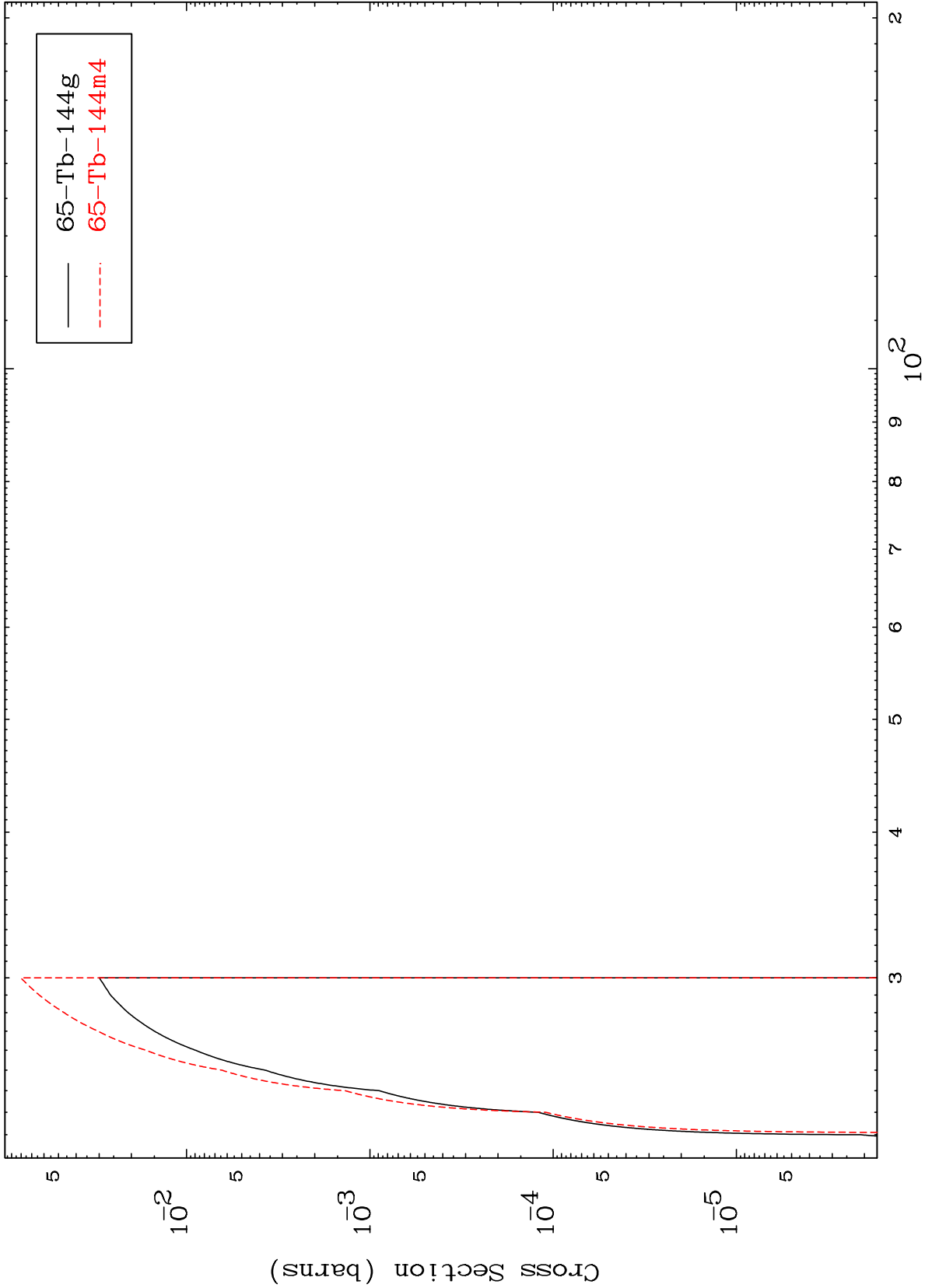
65-Tb-146

MAT 6486

(n,3n)

65-Tb-146

Radionuclide Production Cross Section



81

Incident Energy (MeV)

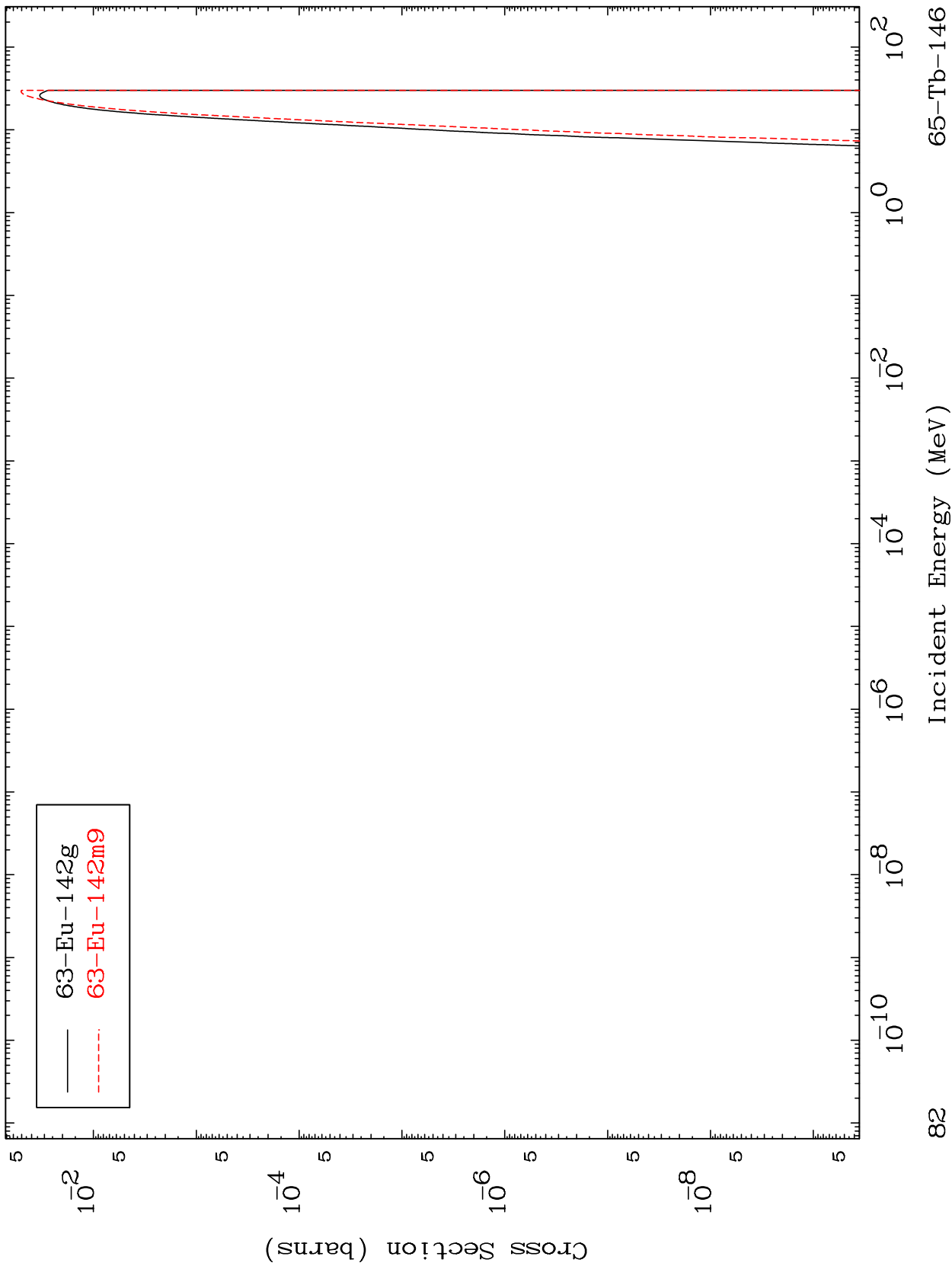
65-Tb-146

MAT 6486

(n, n') α

65-Tb-146

Radionuclide Production Cross Section

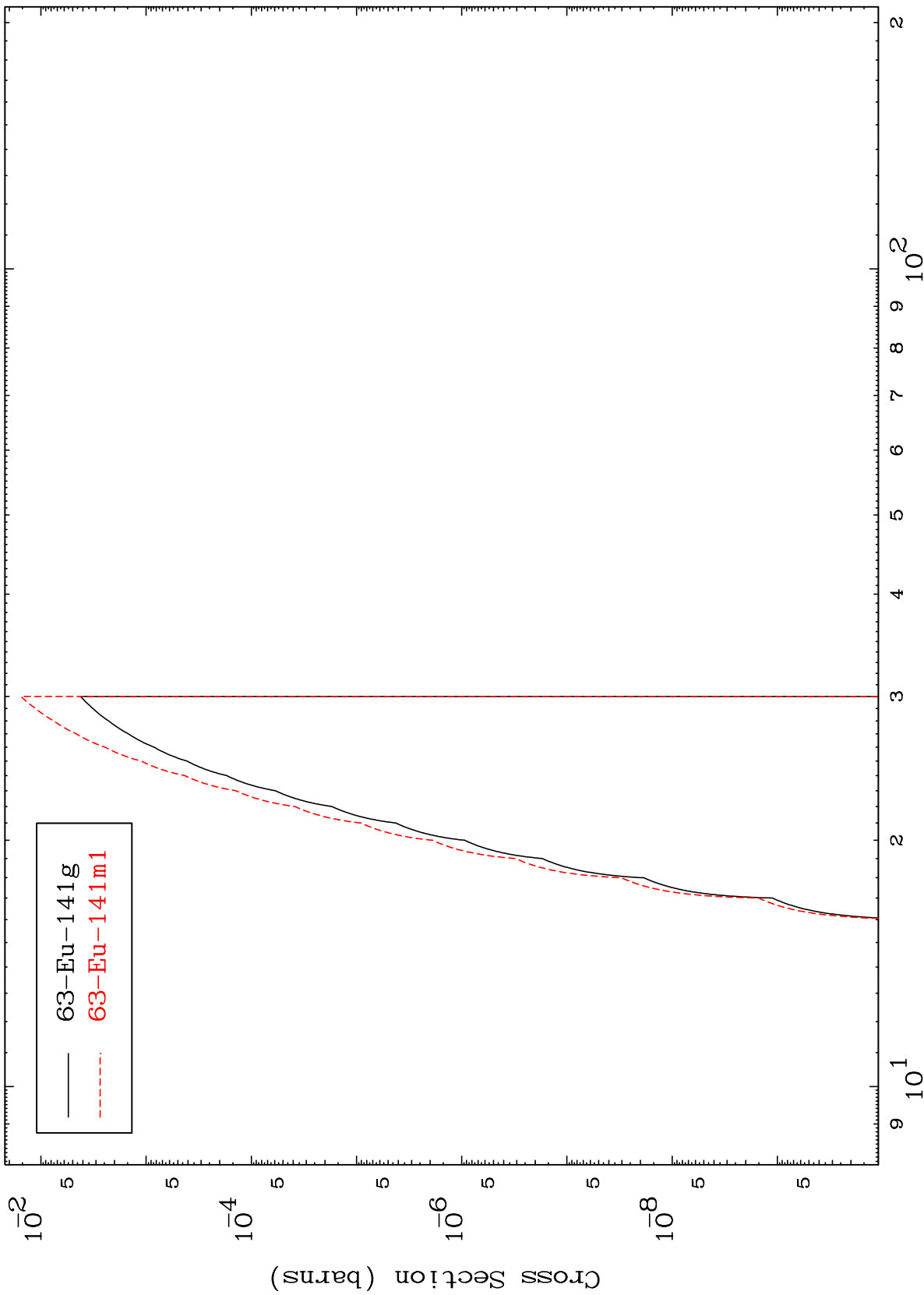


MAT 6486

(n,2n) α

65-Tb-146

Radionuclide Production Cross Section



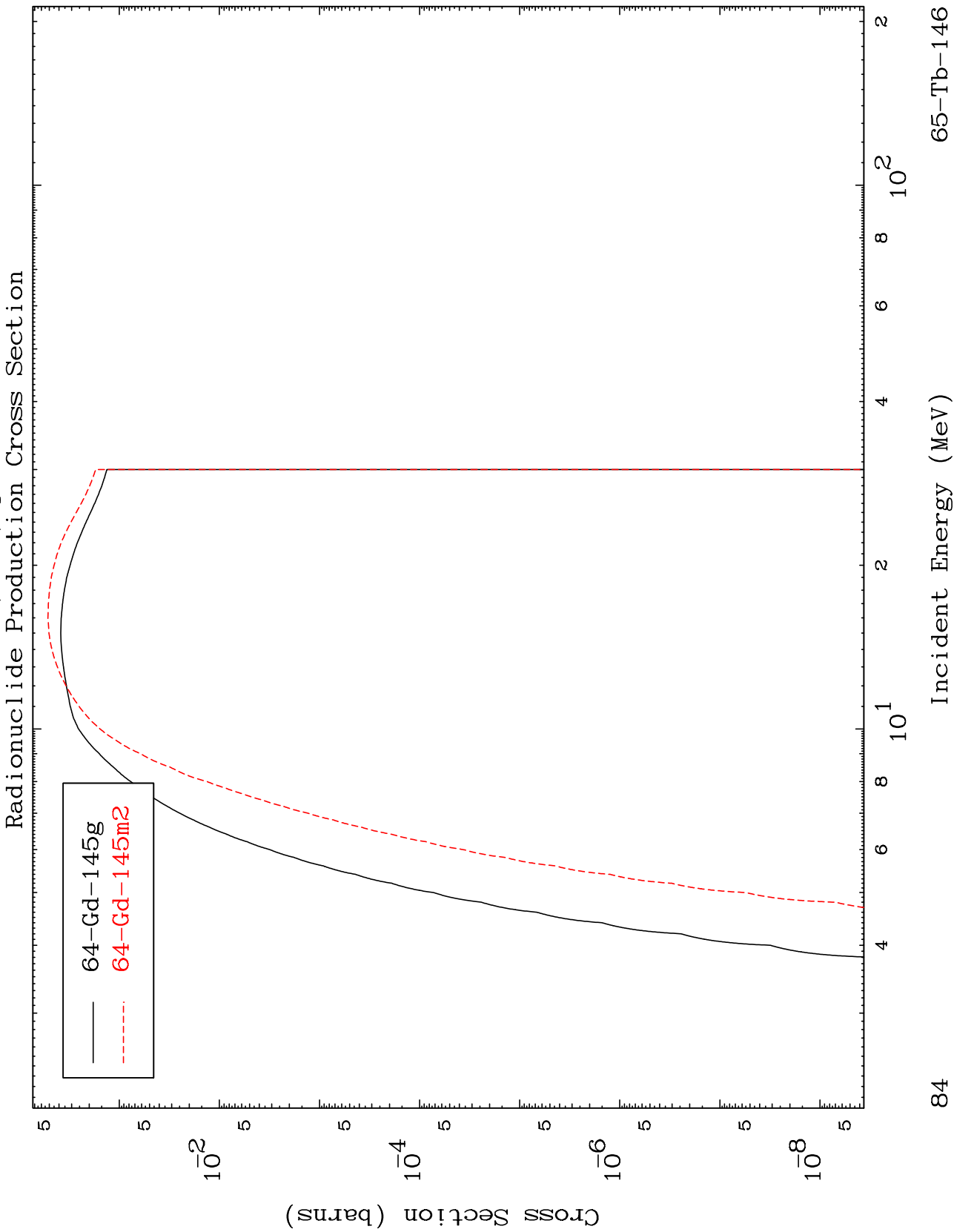
83

Incident Energy (MeV)

65-Tb-146

MAT 6486

65-Tb-146



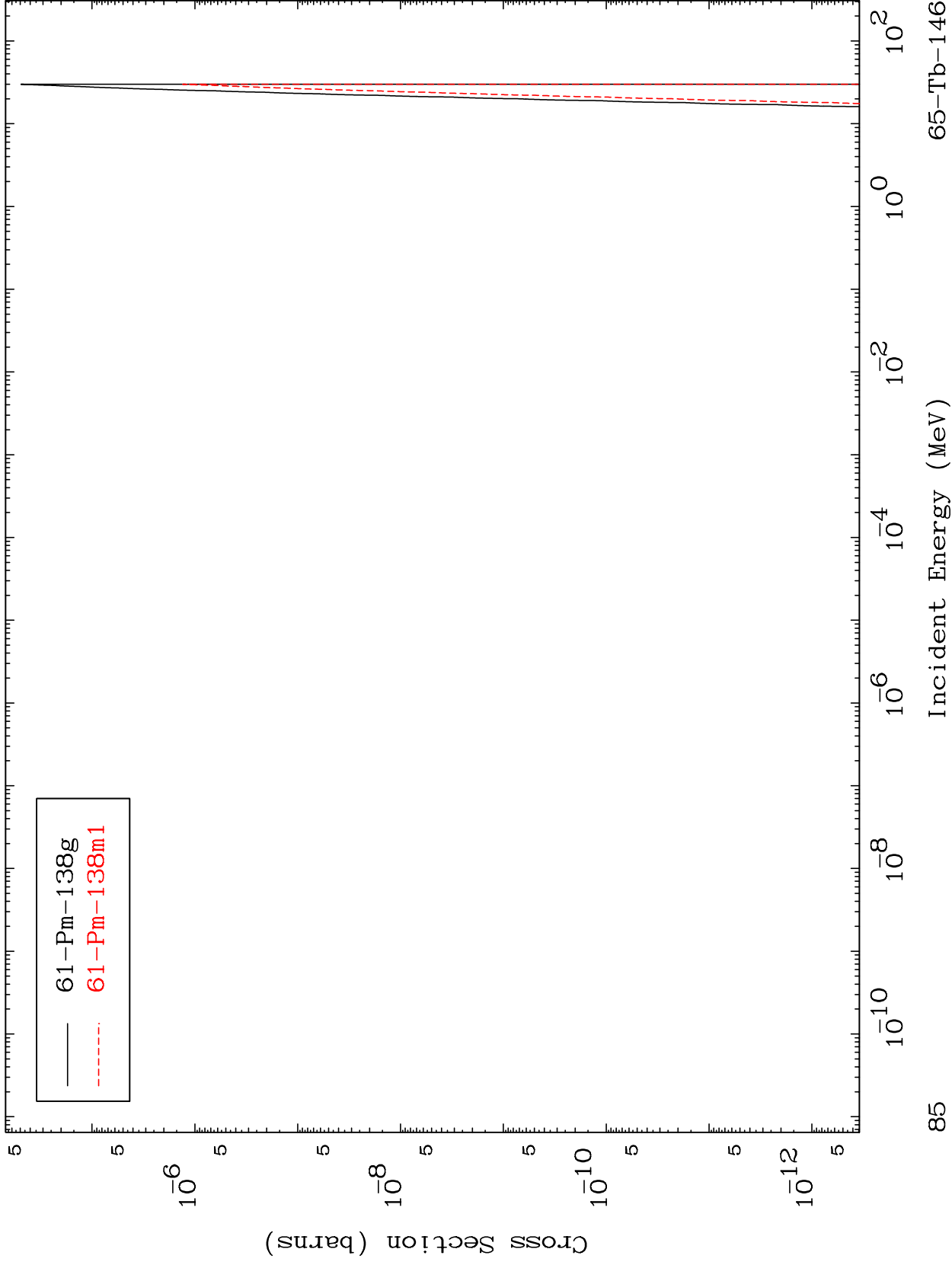
84

MAT 6486

(n,n') 2 α

65-Tb-146

Radionuclide Production Cross Section



85

Incident Energy (MeV)

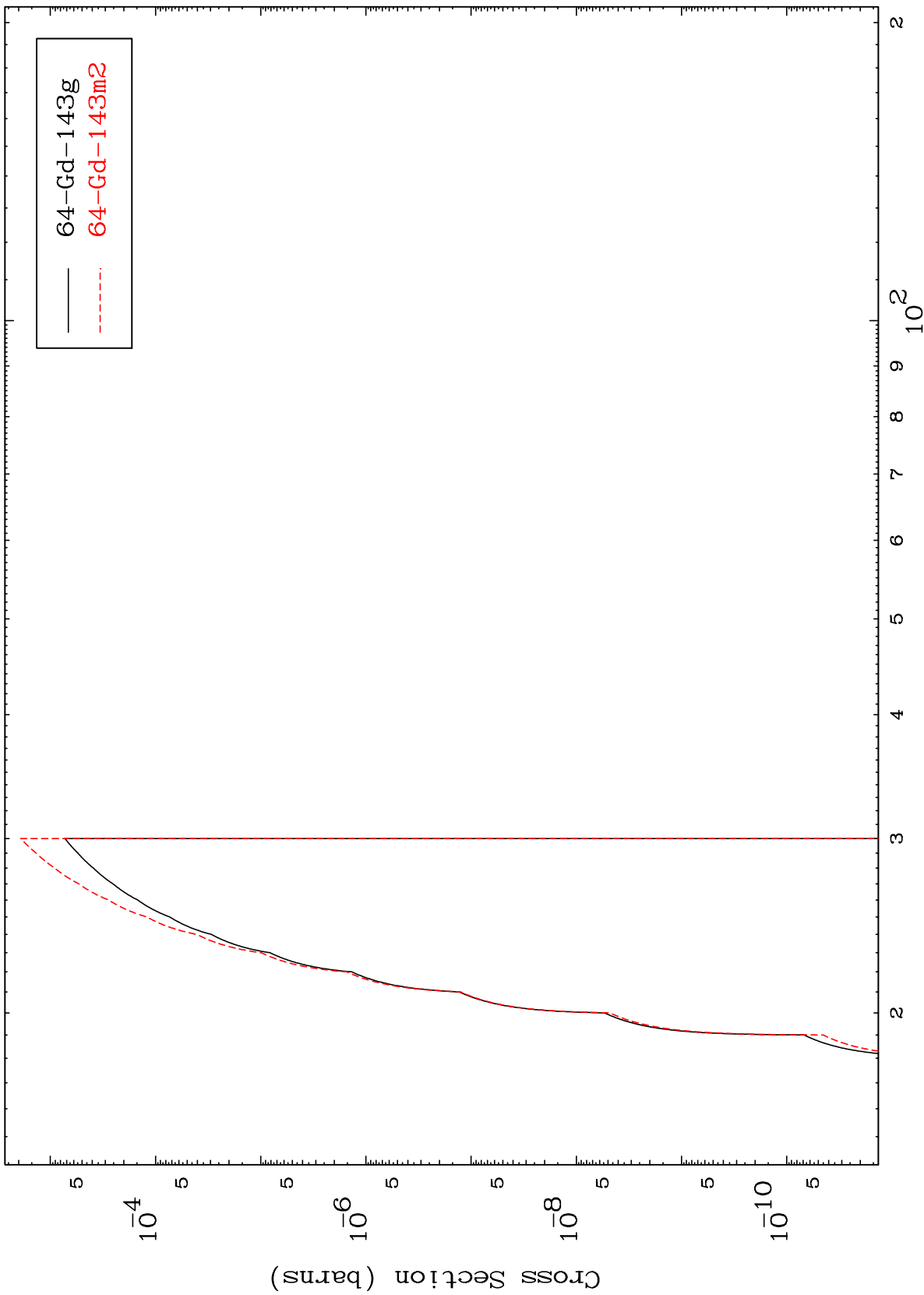
65-Tb-146

MAT 6486

(n,n') t

65-Tb-146

Radionuclide Production Cross Section



86

Incident Energy (MeV)

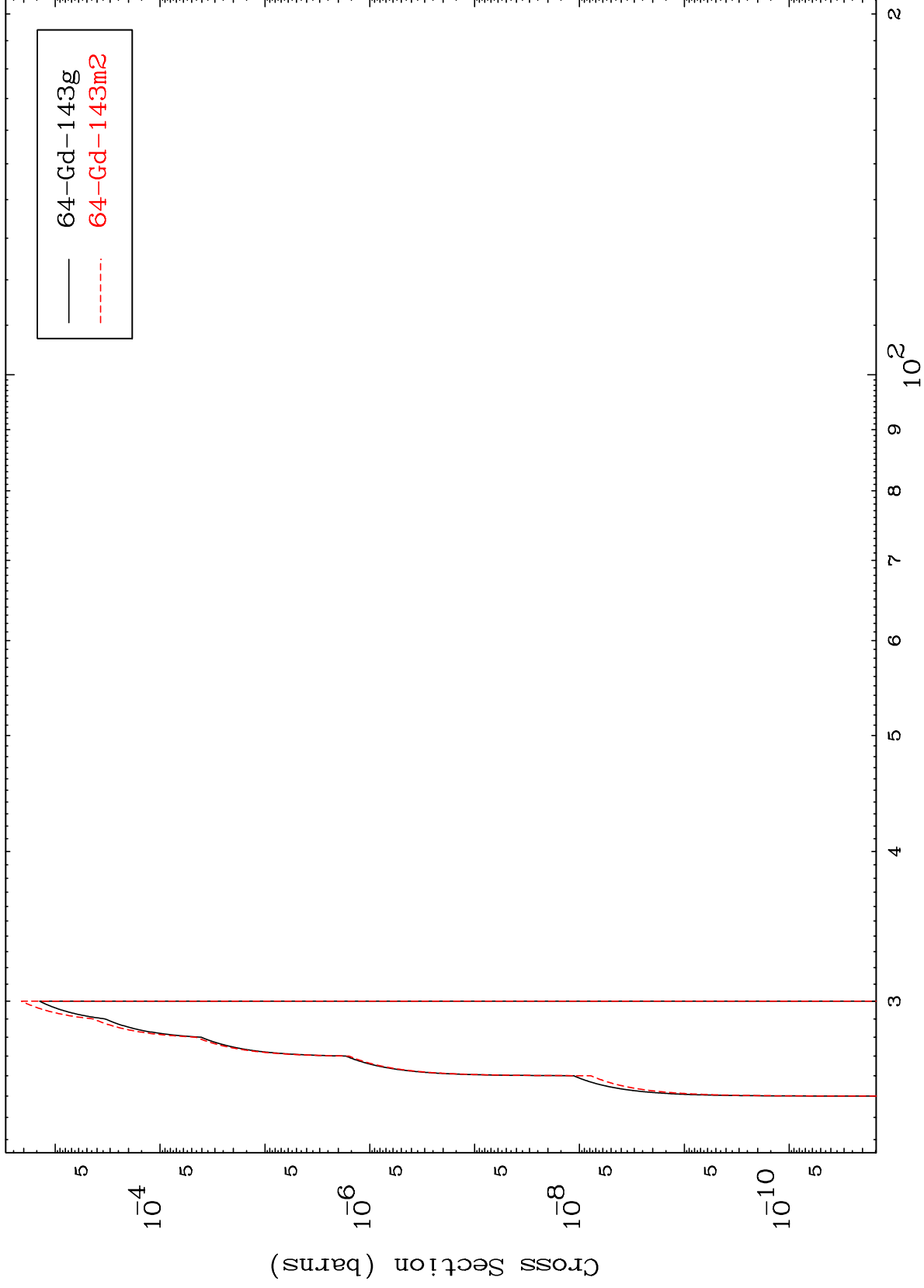
65-Tb-146

MAT 6486

(n,3n) p

65-Tb-146

Radionuclide Production Cross Section



87

Incident Energy (MeV)

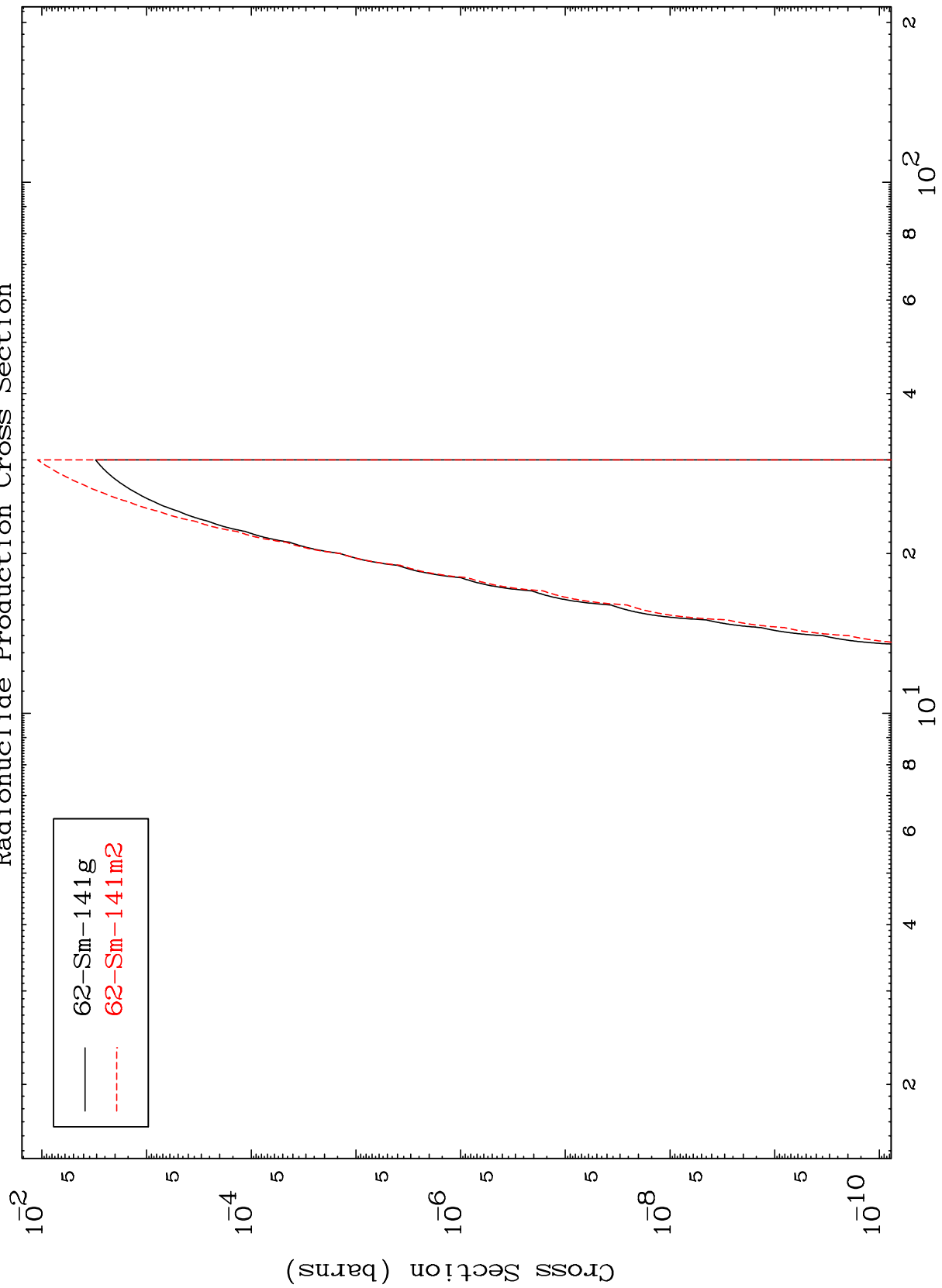
65-Tb-146

MAT 6486

(n,n') p α

65-Tb-146

Radionuclide Production Cross Section



88

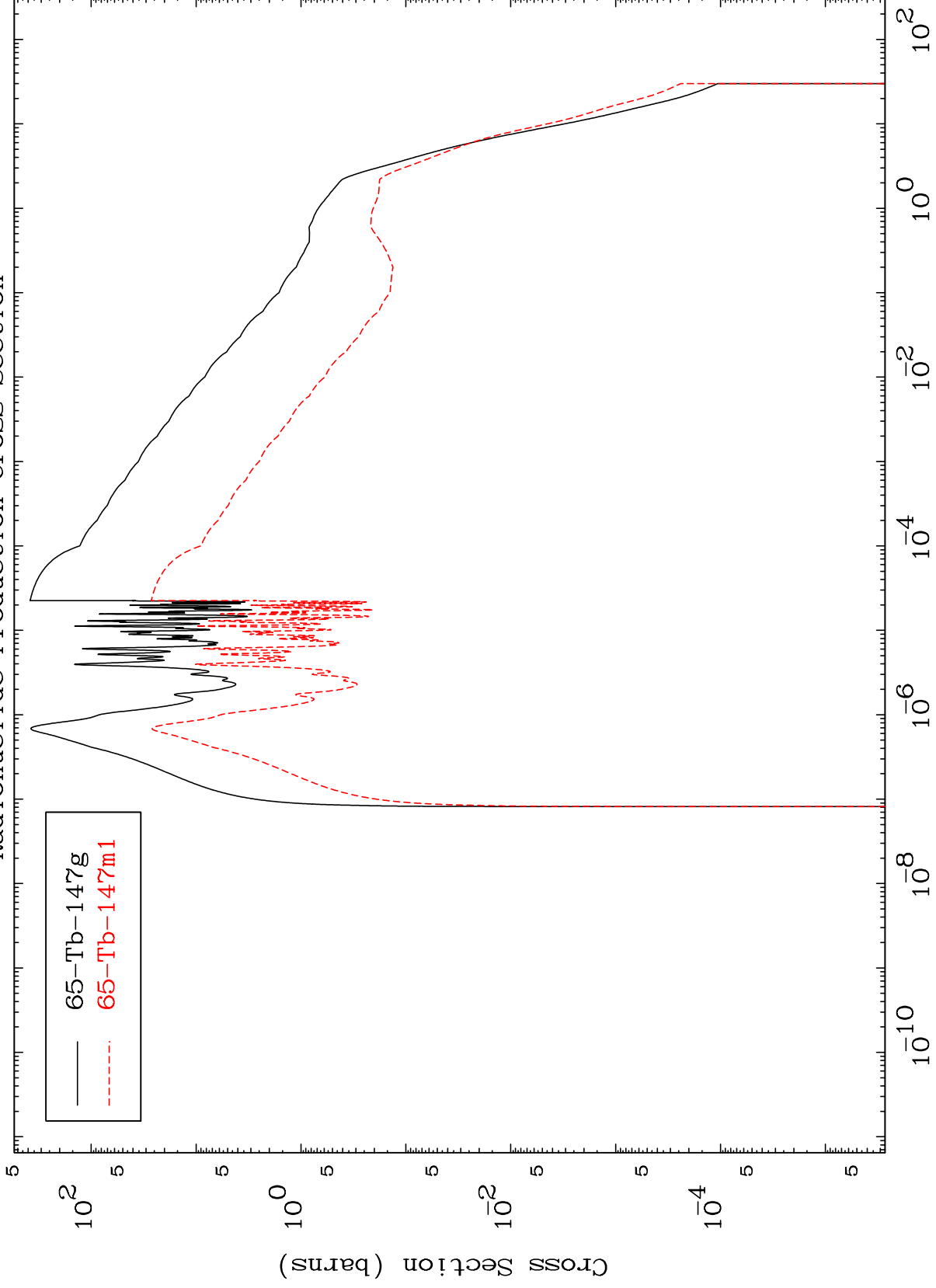
Incident Energy (MeV)

65-Tb-146

MAT 6486

65-Tb-146

Radionuclide Production Cross Section
(n, γ)



89

65-Tb-146

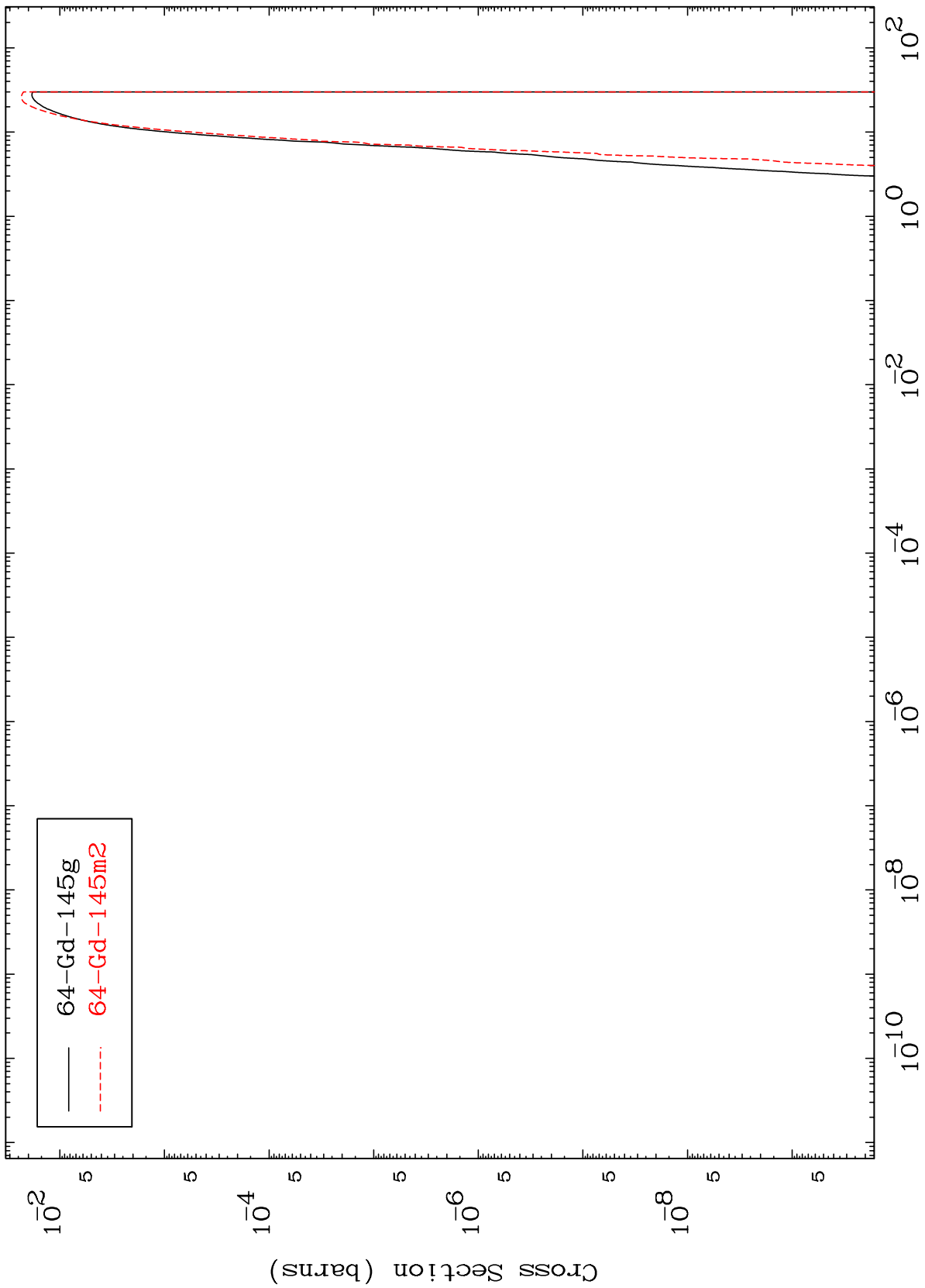
Incident Energy (MeV)

MAT 6486

(n,d)

65-Tb-146

Radionuclide Production Cross Section



90

Incident Energy (MeV)

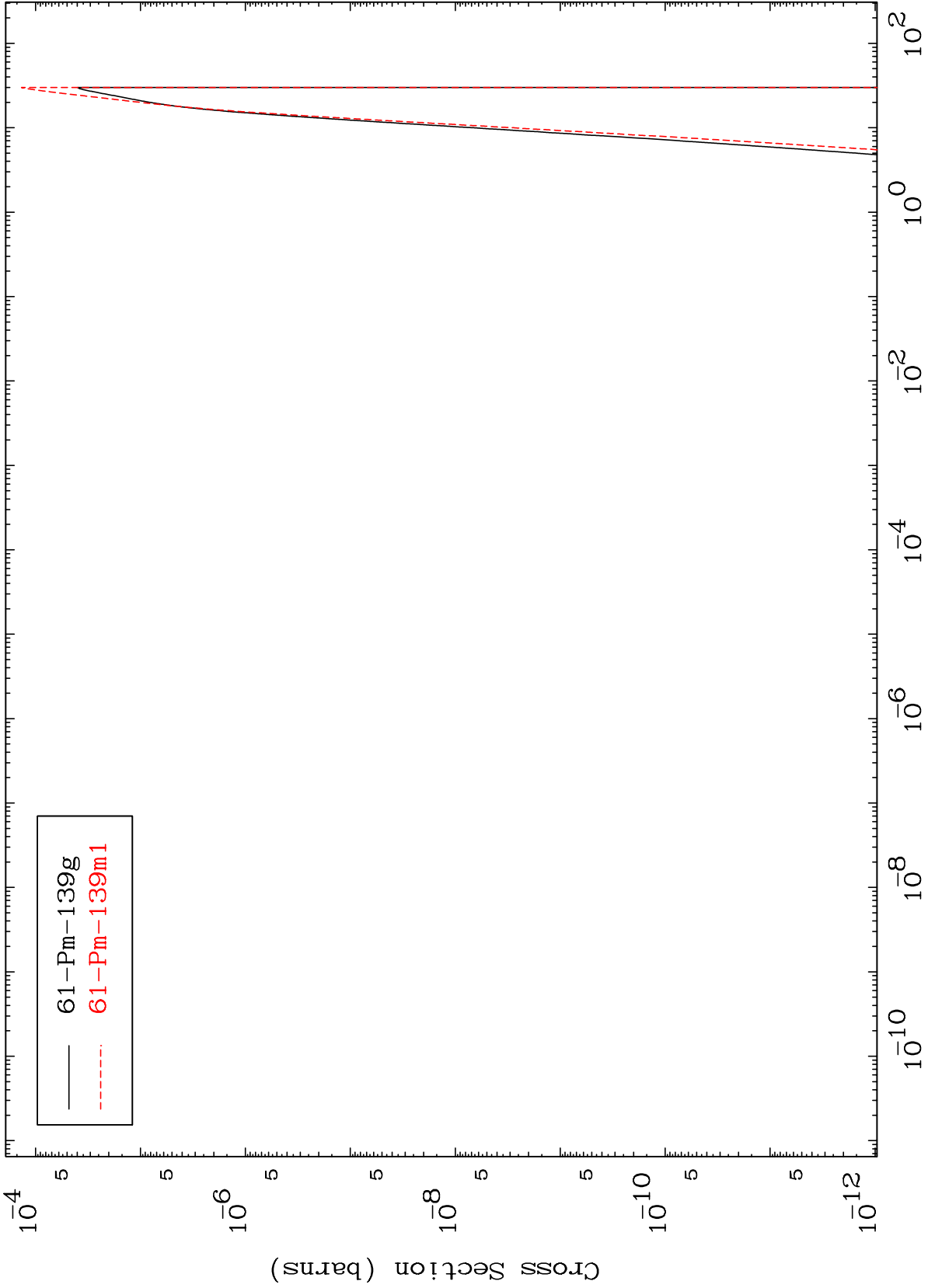
65-Tb-146

MAT 6486

(n,2α)

65-Tb-146

Radionuclide Production Cross Section



MAT 6486

(n,d) α

65-Tb-146

Radionuclide Production Cross Section

