

Program EVALPLOT
(Version 2017-1)

by

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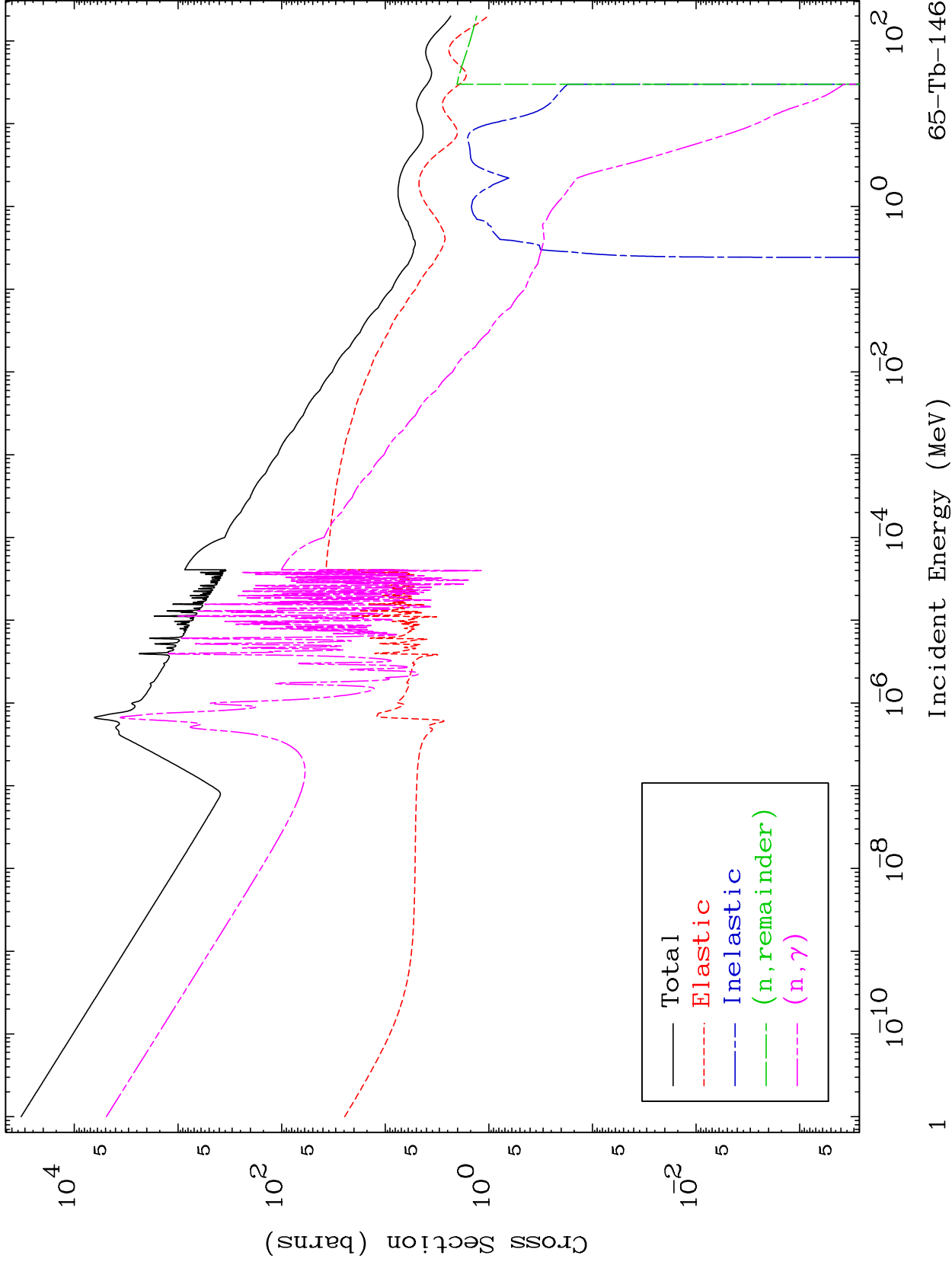
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6486

Major
293 Kelvin Cross Sections

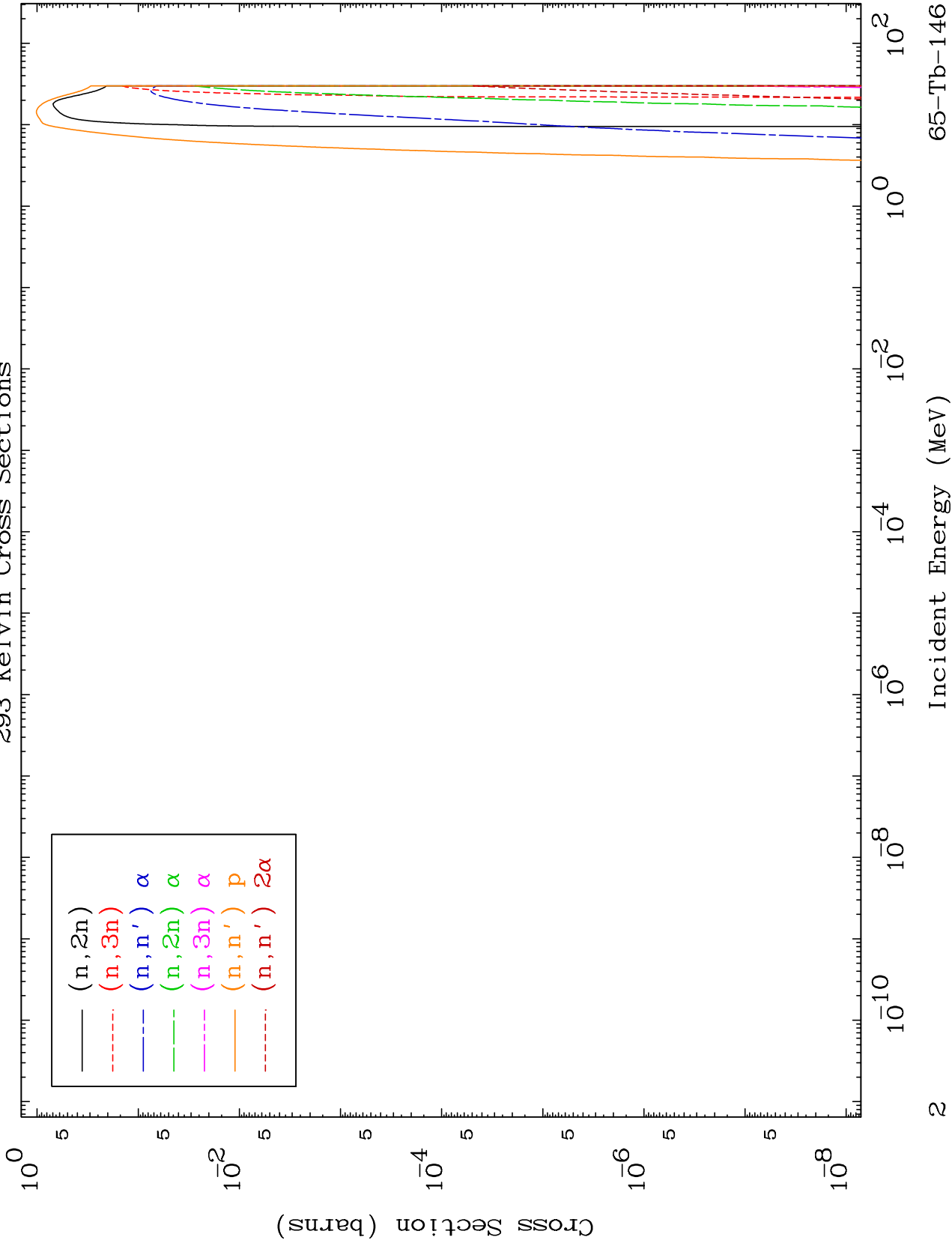
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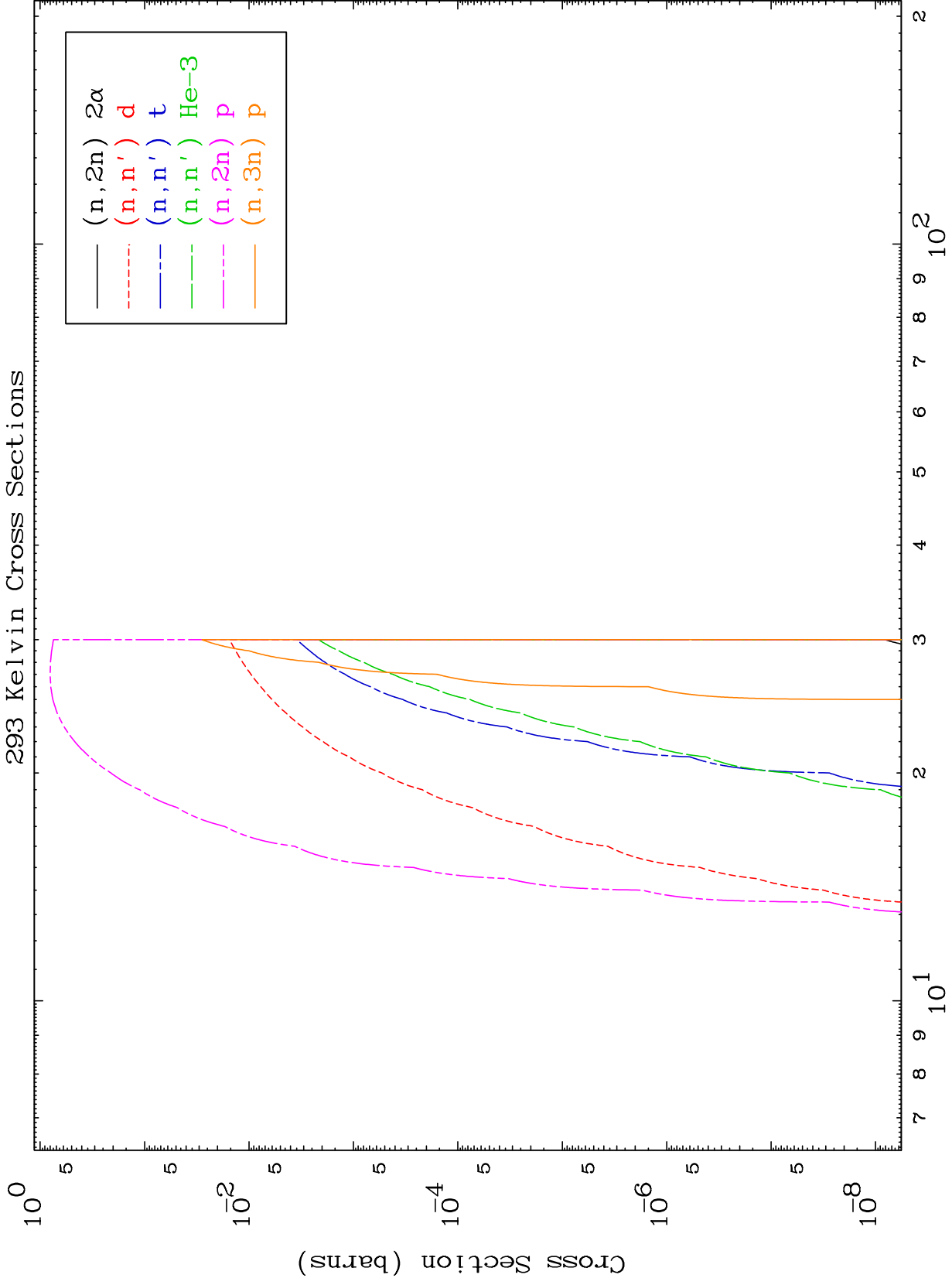


MAT 6486

Neutron Production
293 Kelvin Cross Sections

65-Tb-146

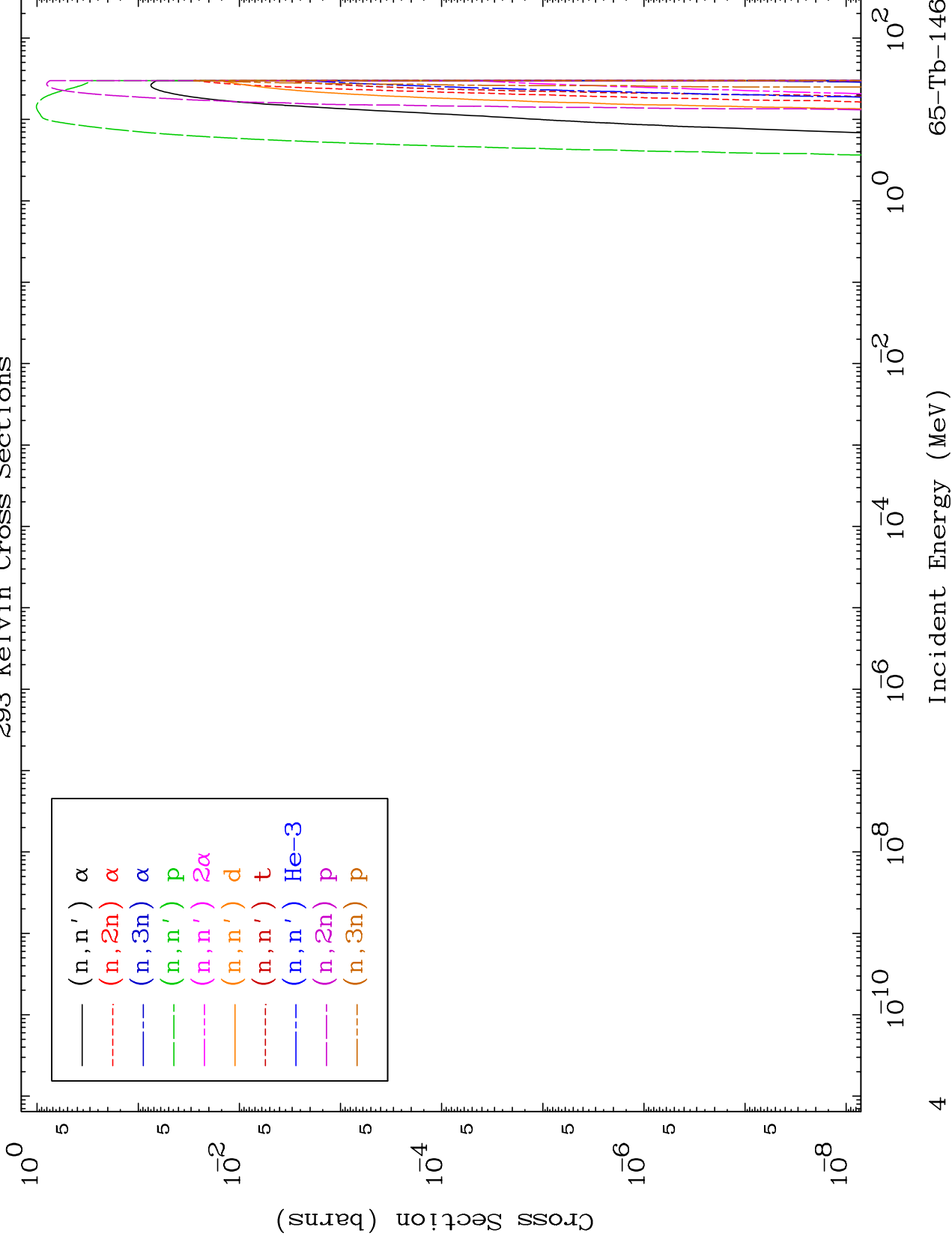




MAT 6486

Charged Particle
293 Kelvin Cross Sections

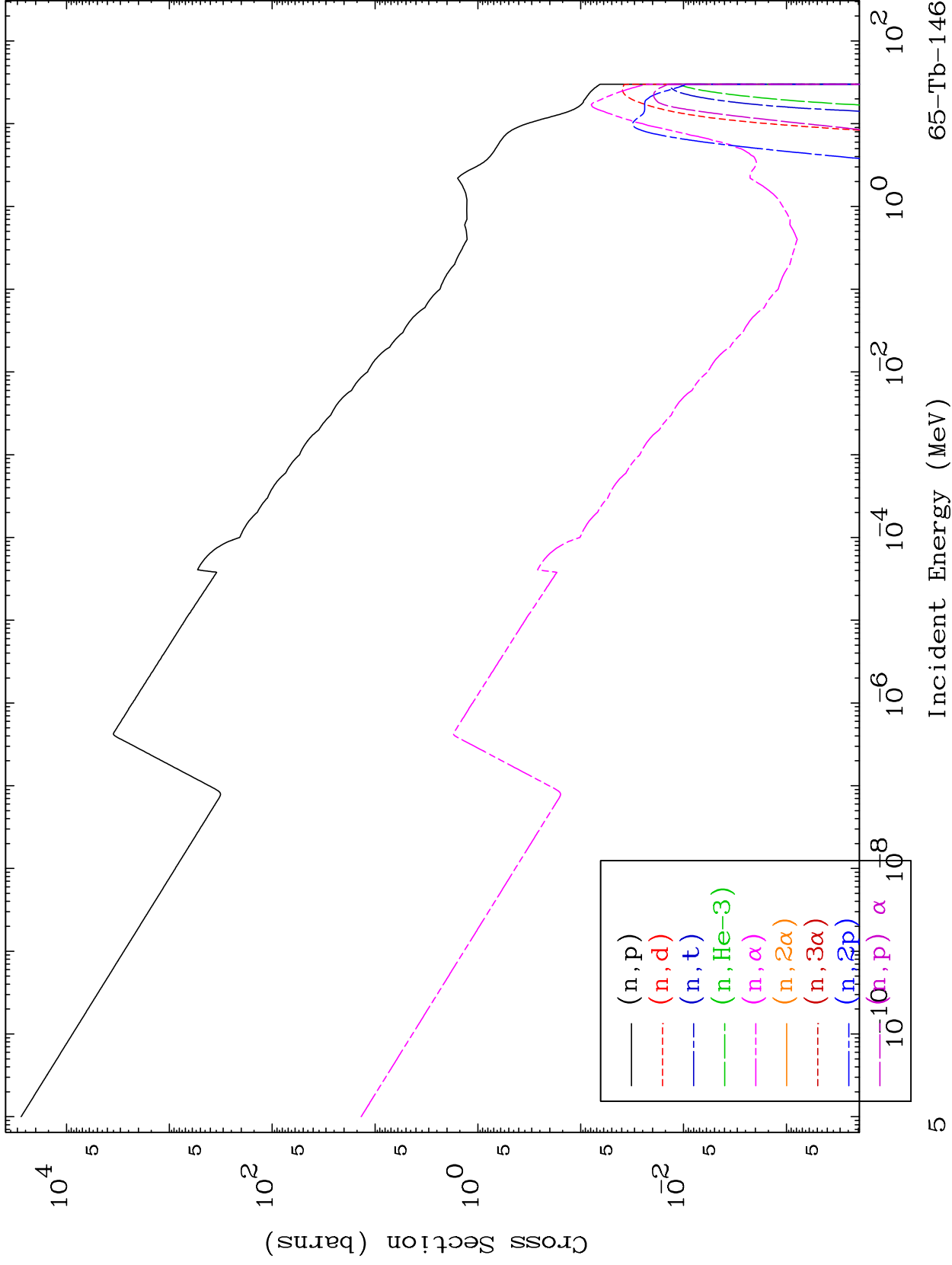
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MAT 6486

Charged Particle
293 Kelvin Cross Sections

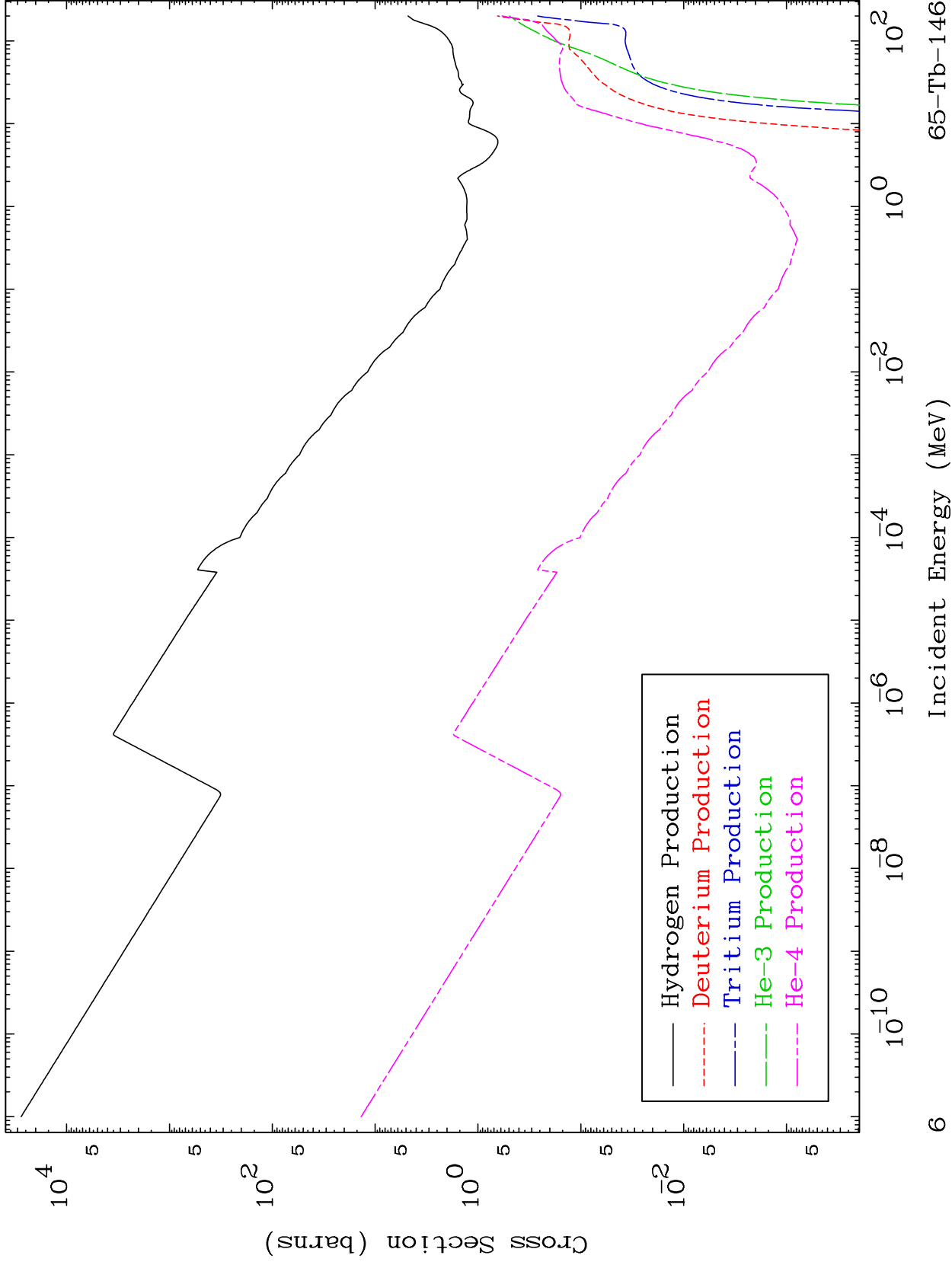
65-Tb-146



MAT 6486

Particle Production
293 Kelvin Cross Sections

65-Tb-146

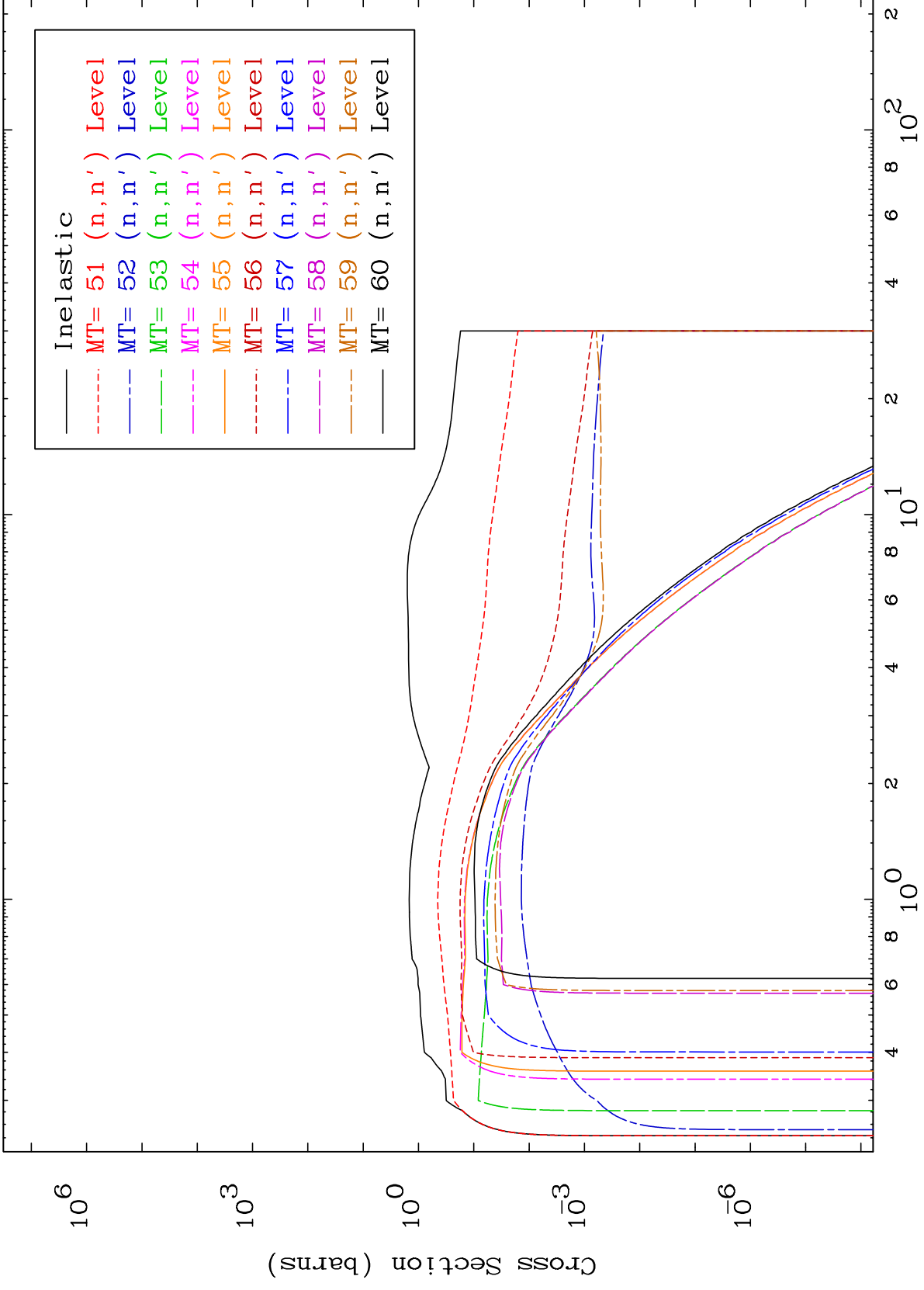


MAT 6486

(n,n') Level

65-Tb-146

293 Kelvin Cross Sections

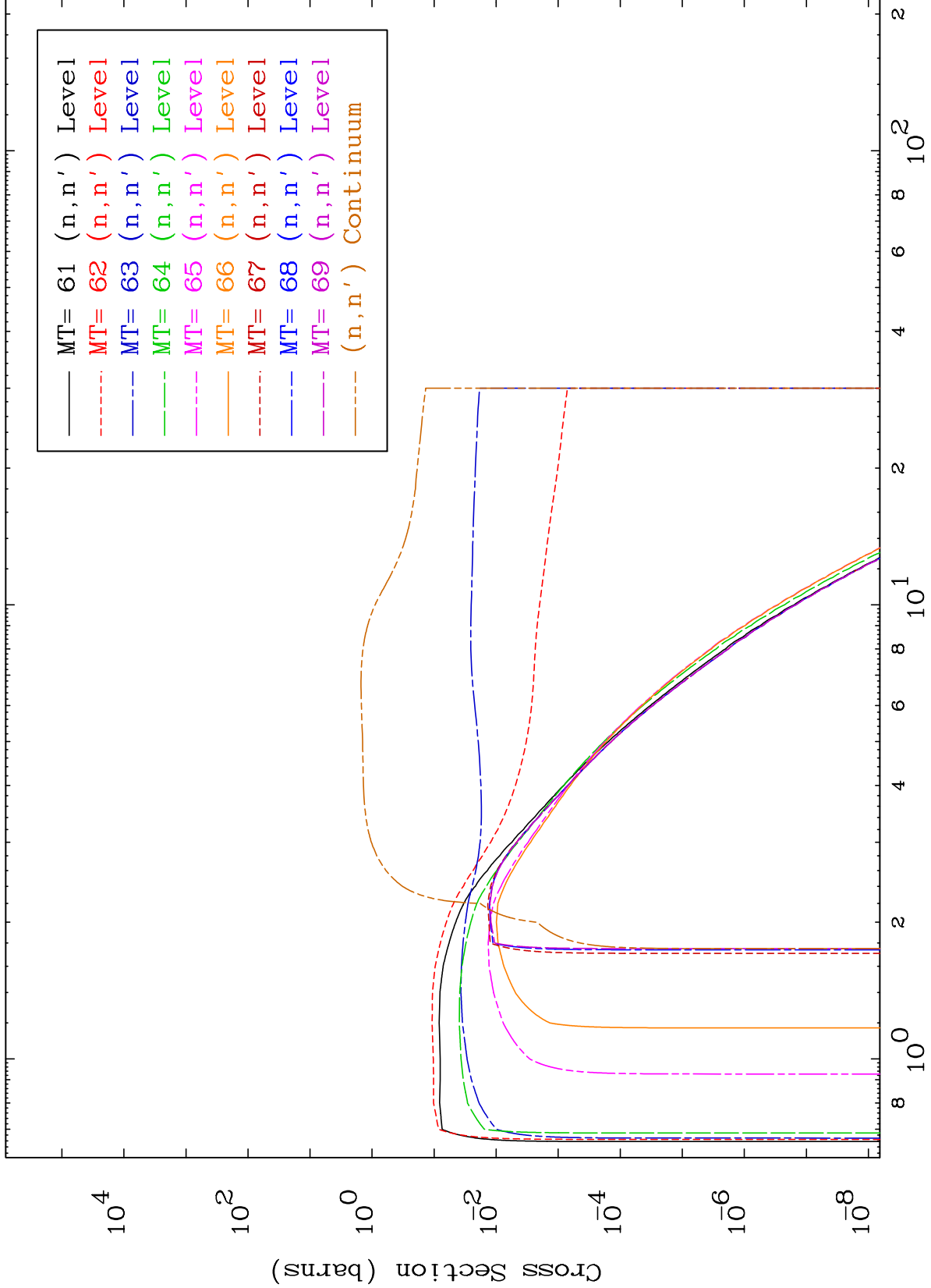


MAT 6486

(n,n') Level

65-Tb-146

293 Kelvin Cross Sections



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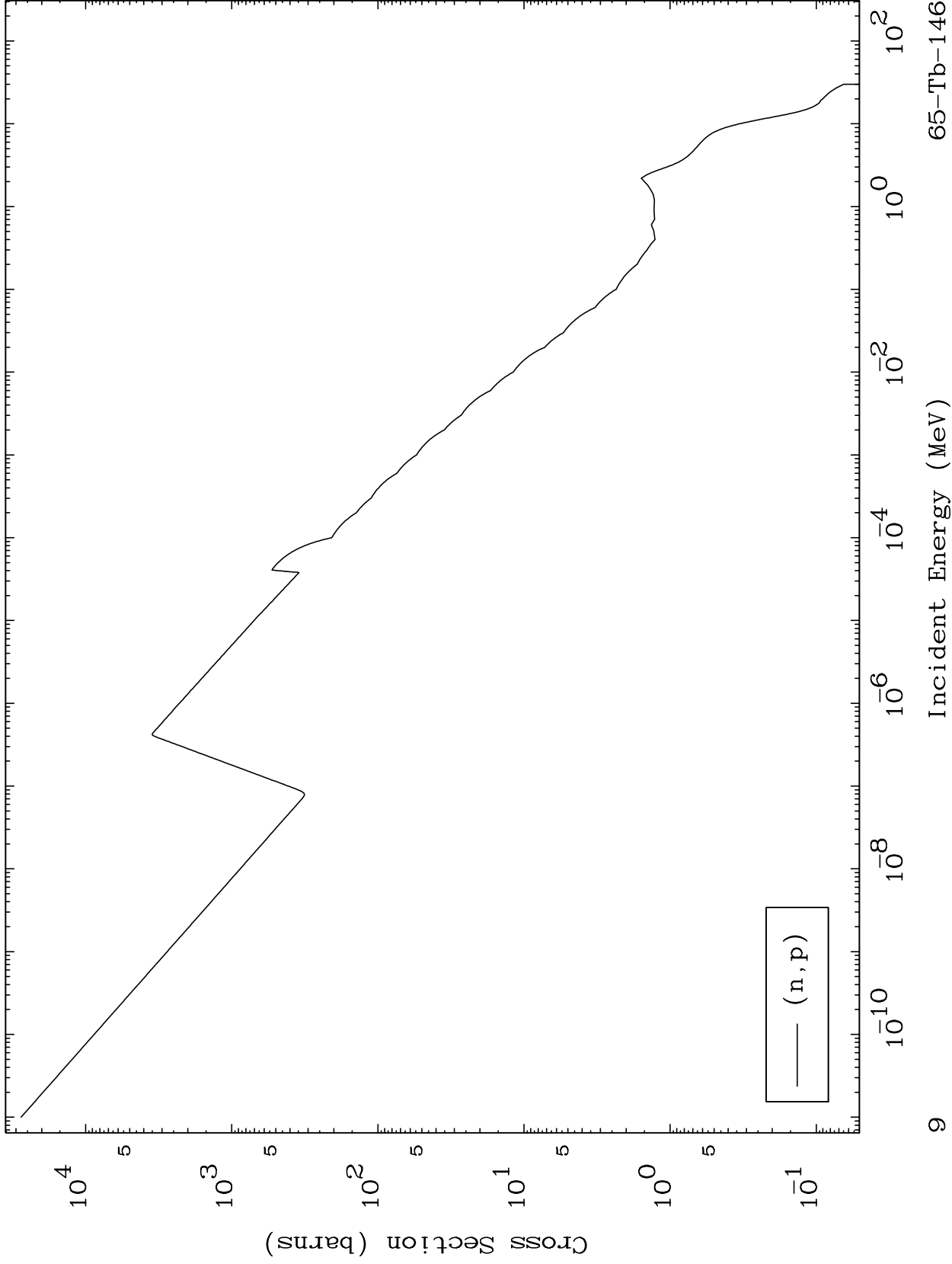
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,p) Levels
293 Kelvin Cross Sections

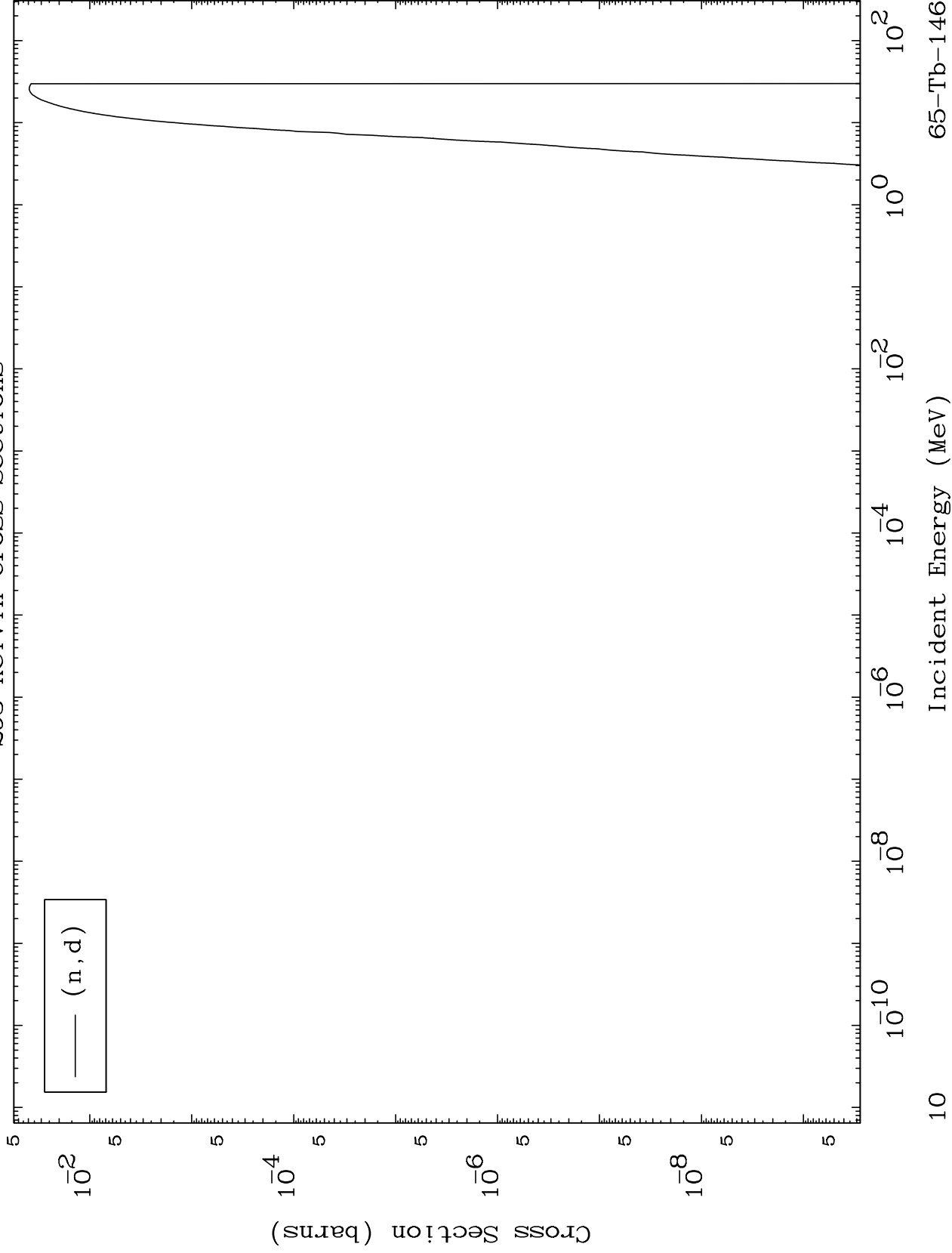
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MAT 6486

(n,d) Levels
293 Kelvin Cross Sections

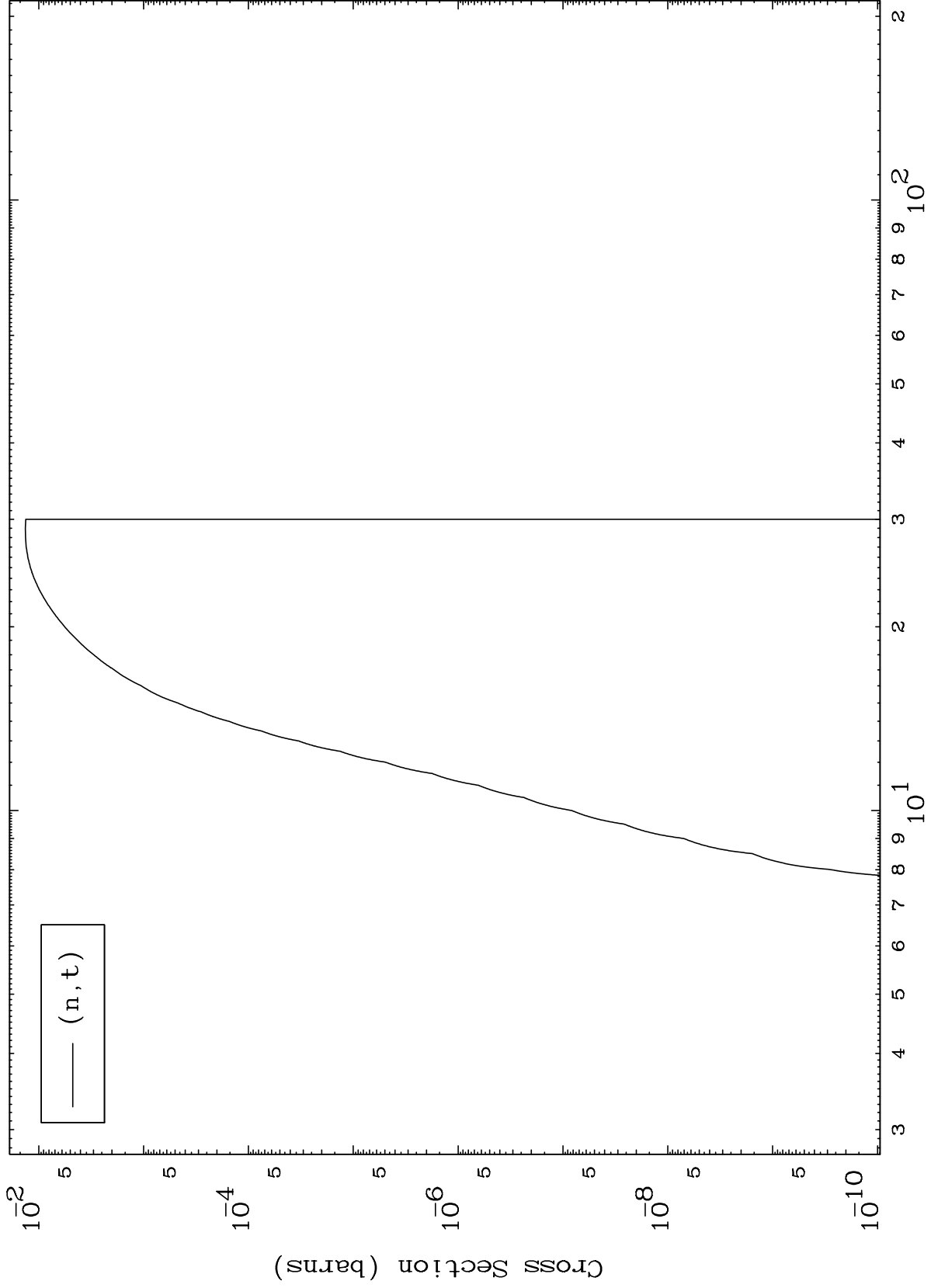
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MAT 6486

(n,t) Levels
293 Kelvin Cross Sections

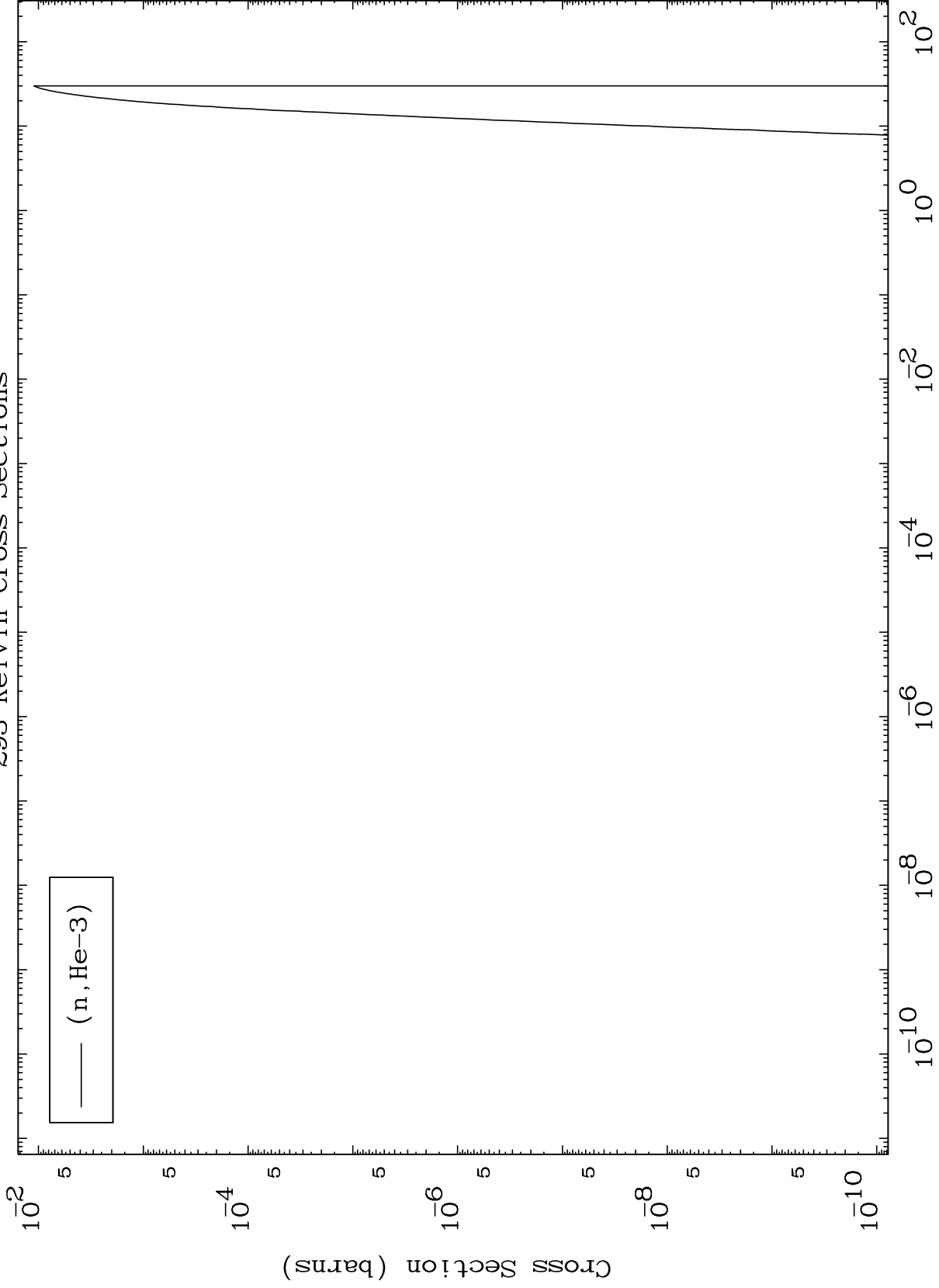
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MAT 6486

(n,He3) Levels
293 Kelvin Cross Sections

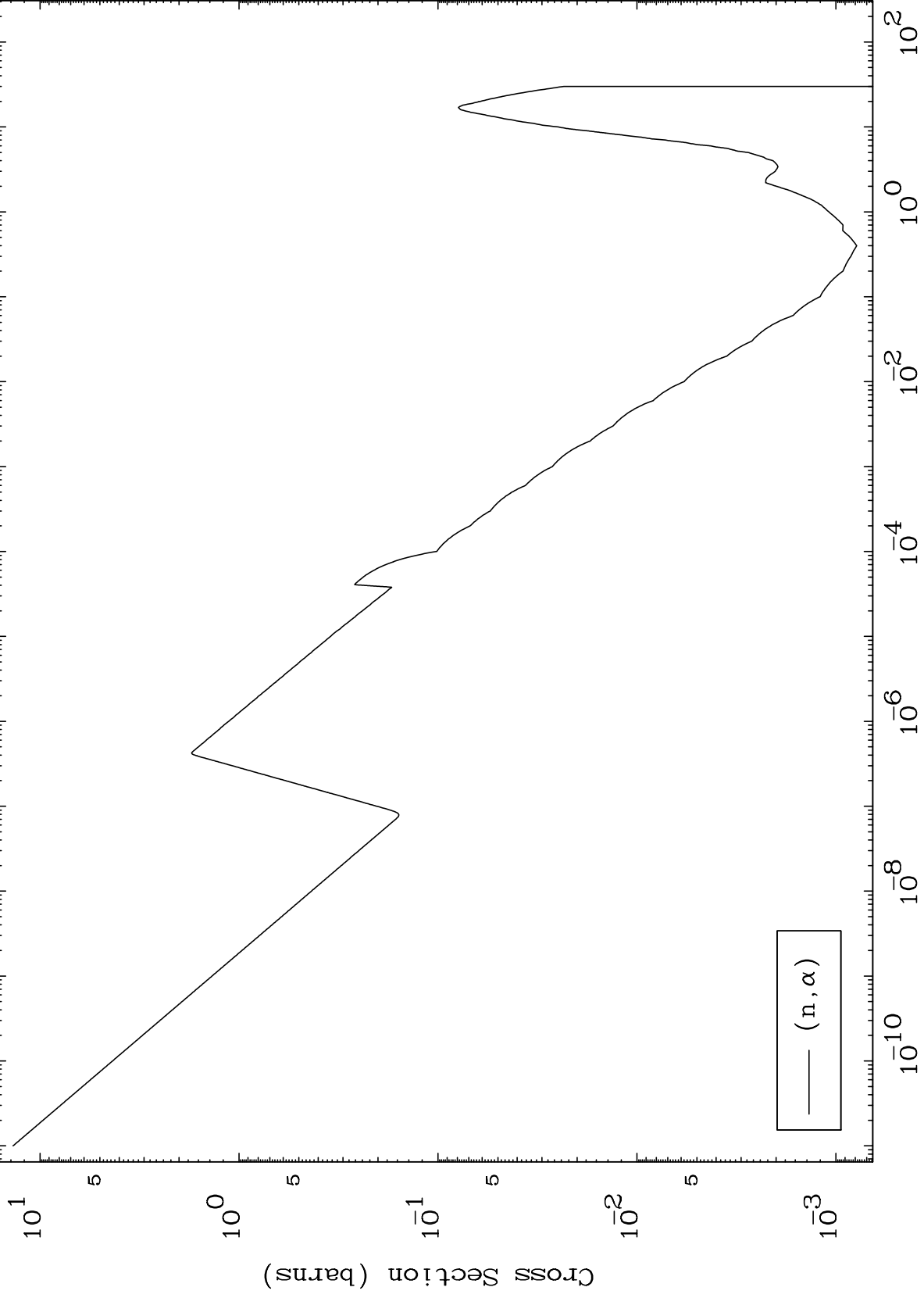
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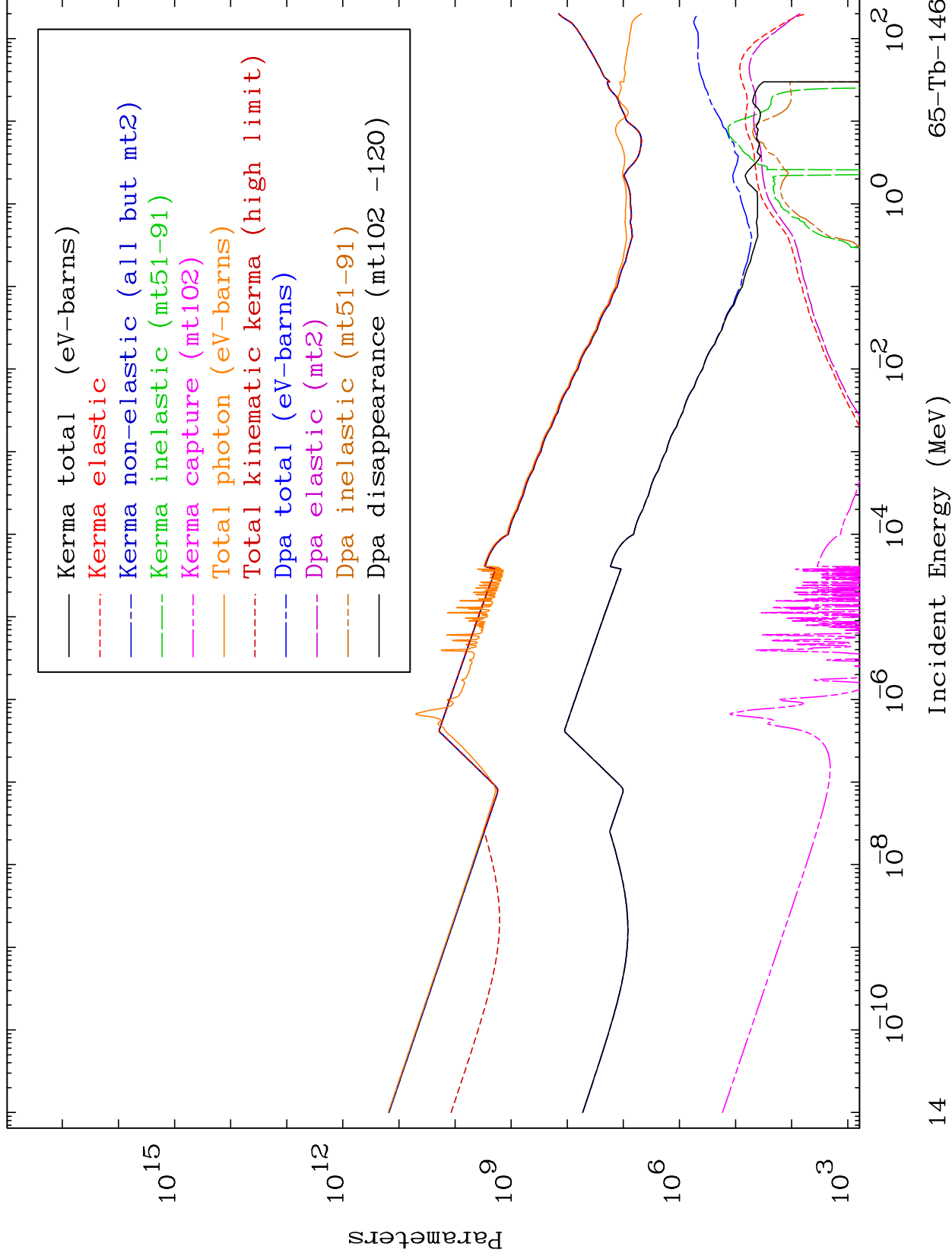


MAT 6486

(n,α) Levels
293 Kelvin Cross Sections

65-Tb-146

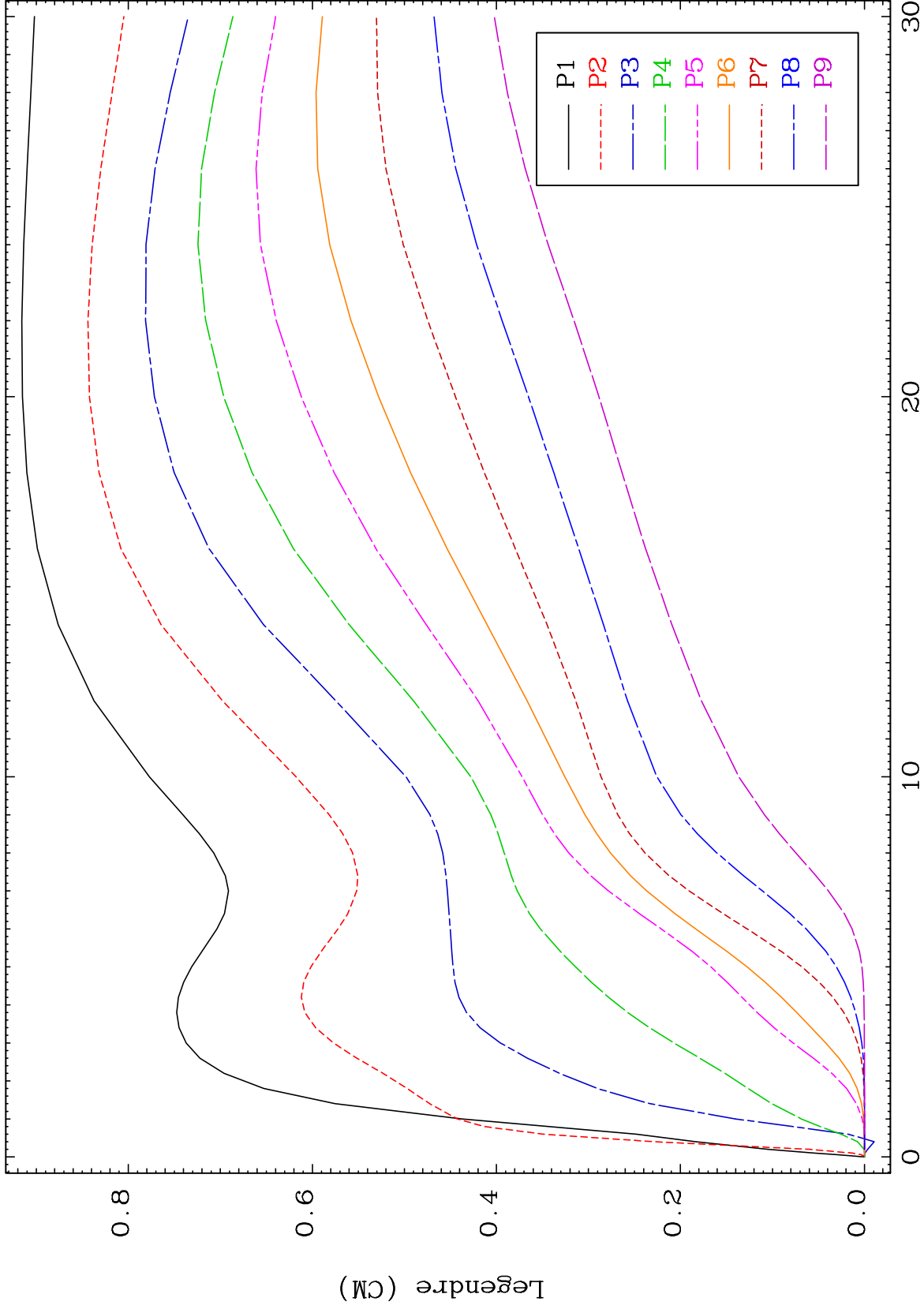




MAT 6486

Elastic Legendre Coefficients

65-Tb-146



15

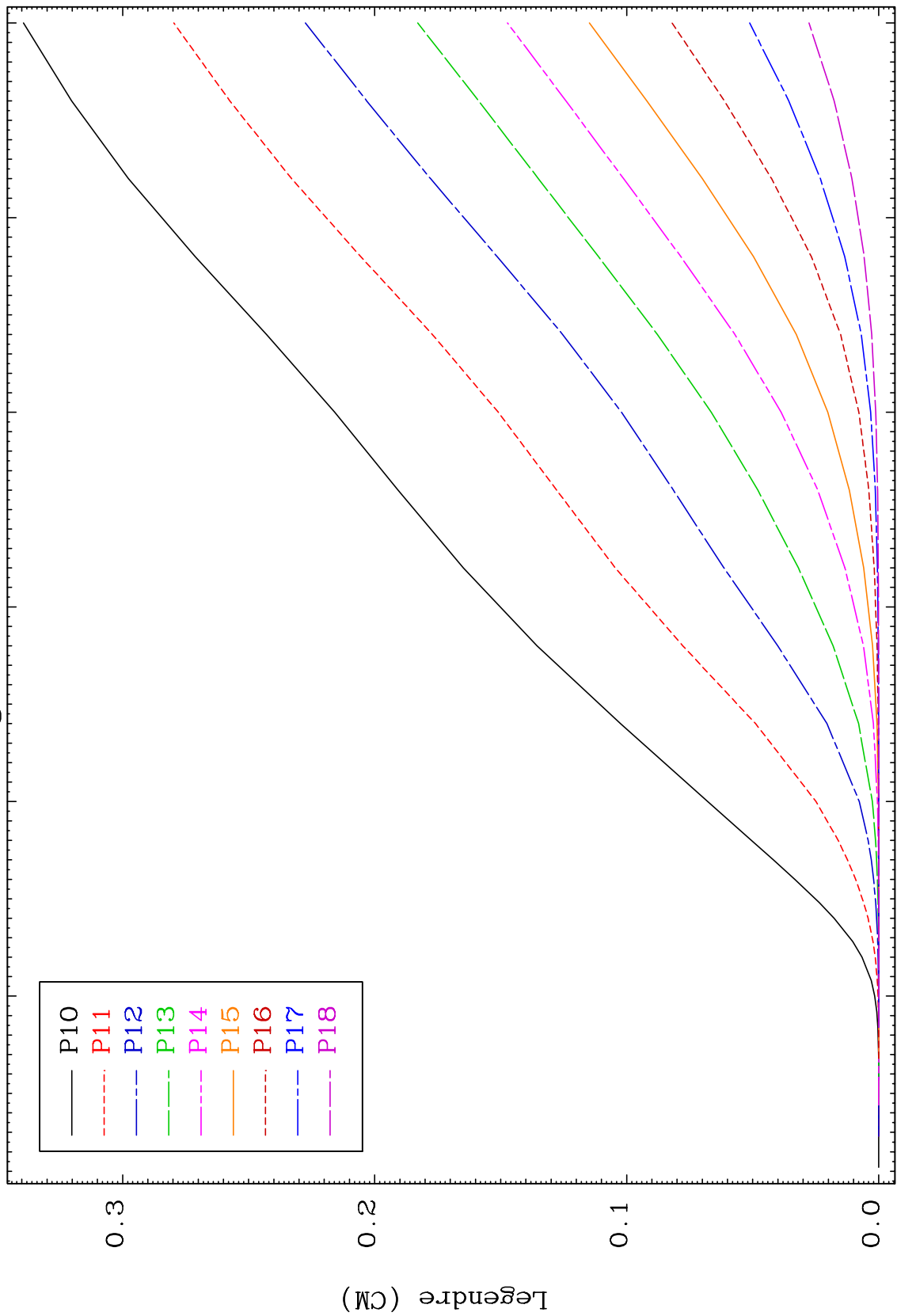
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



16

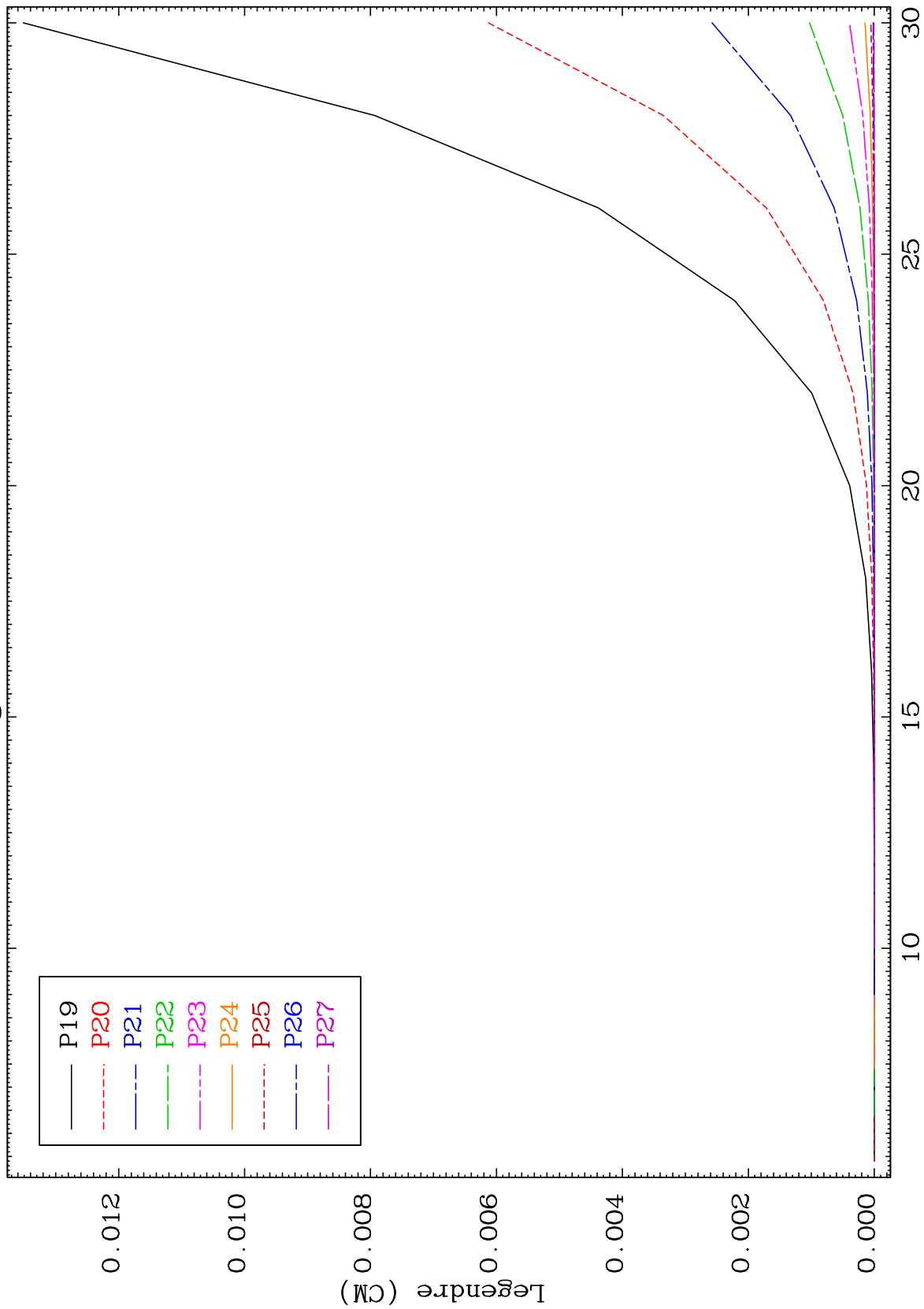
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



17

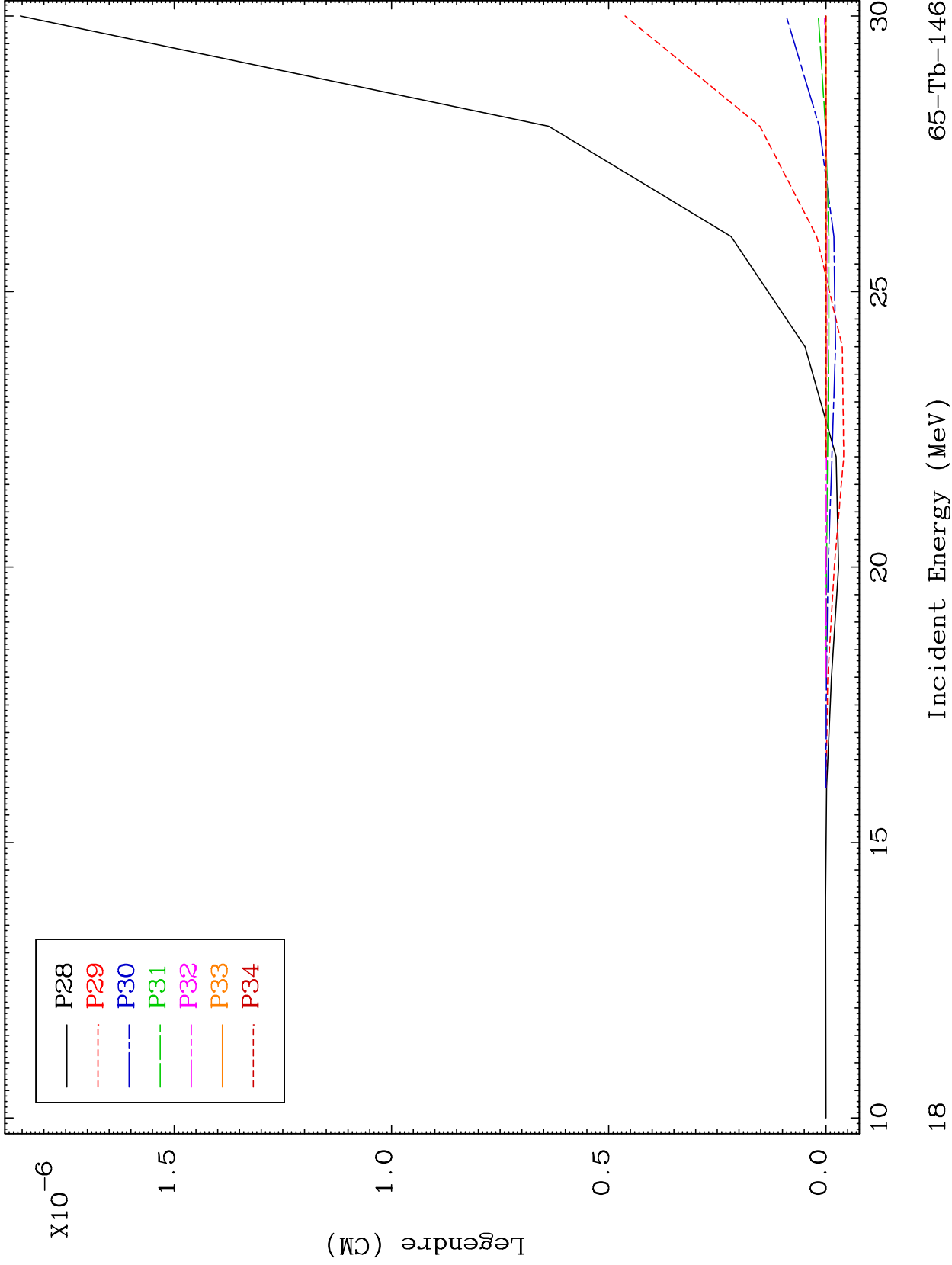
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



18

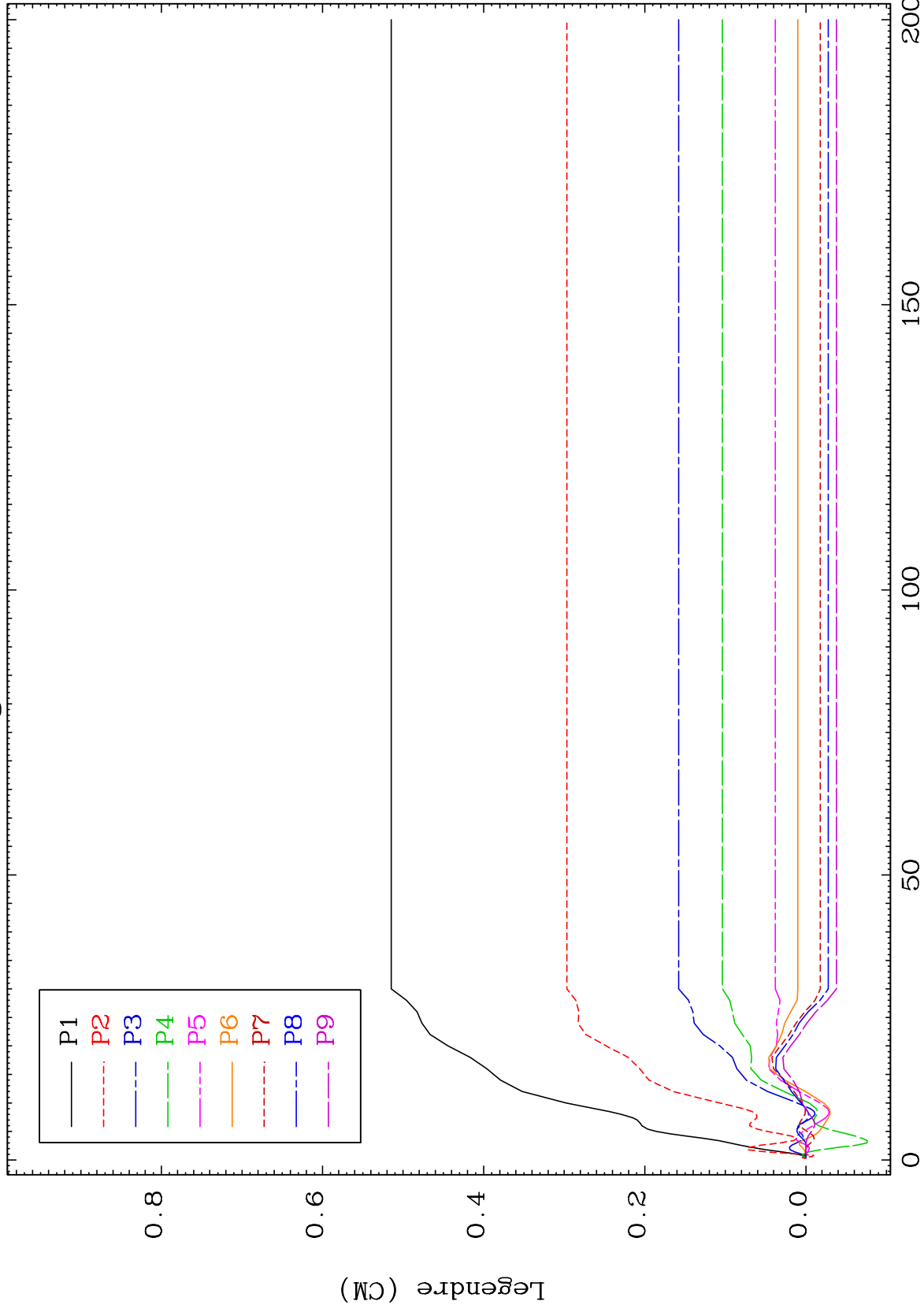
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

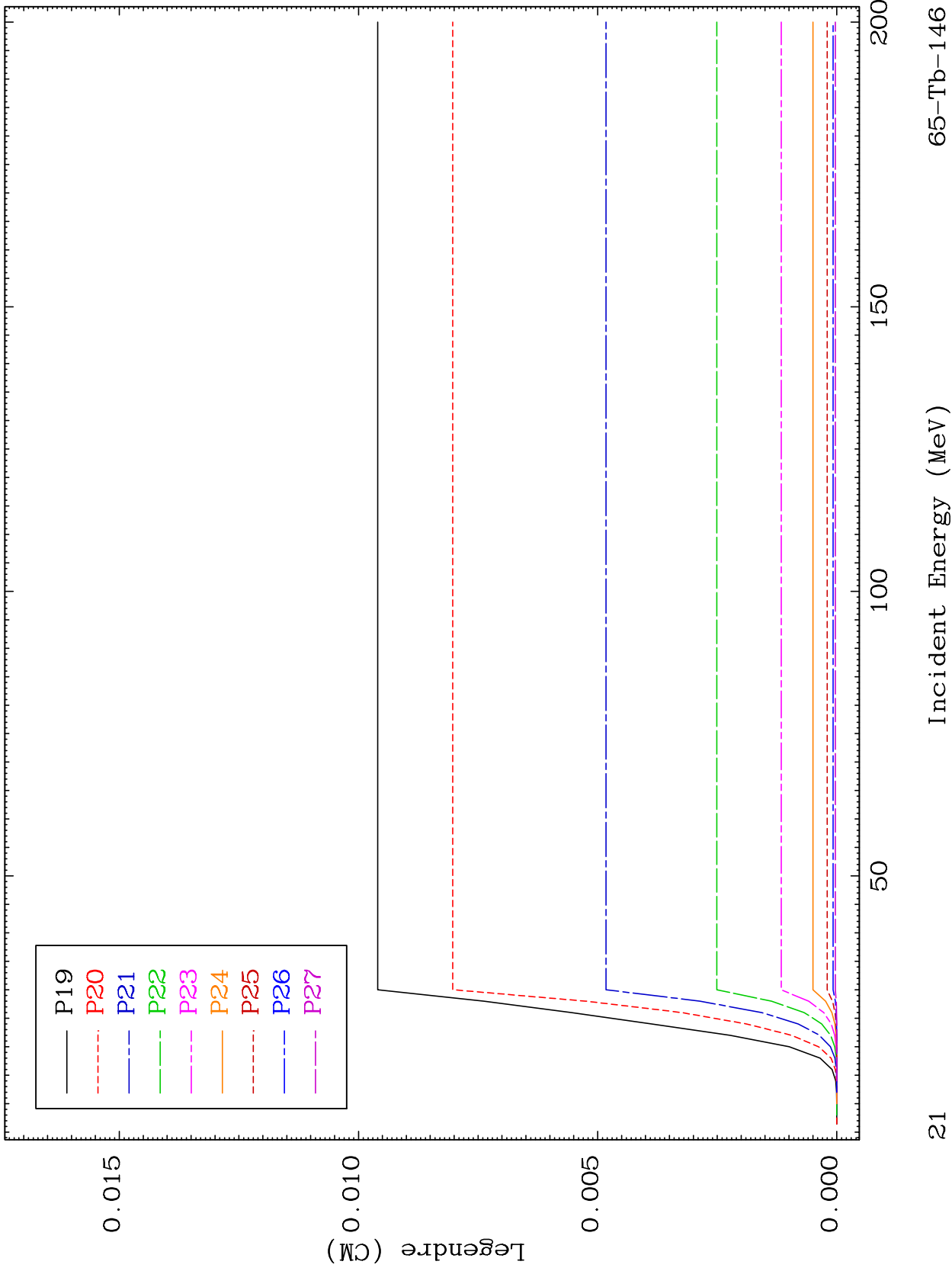
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Incident Energy (MeV)

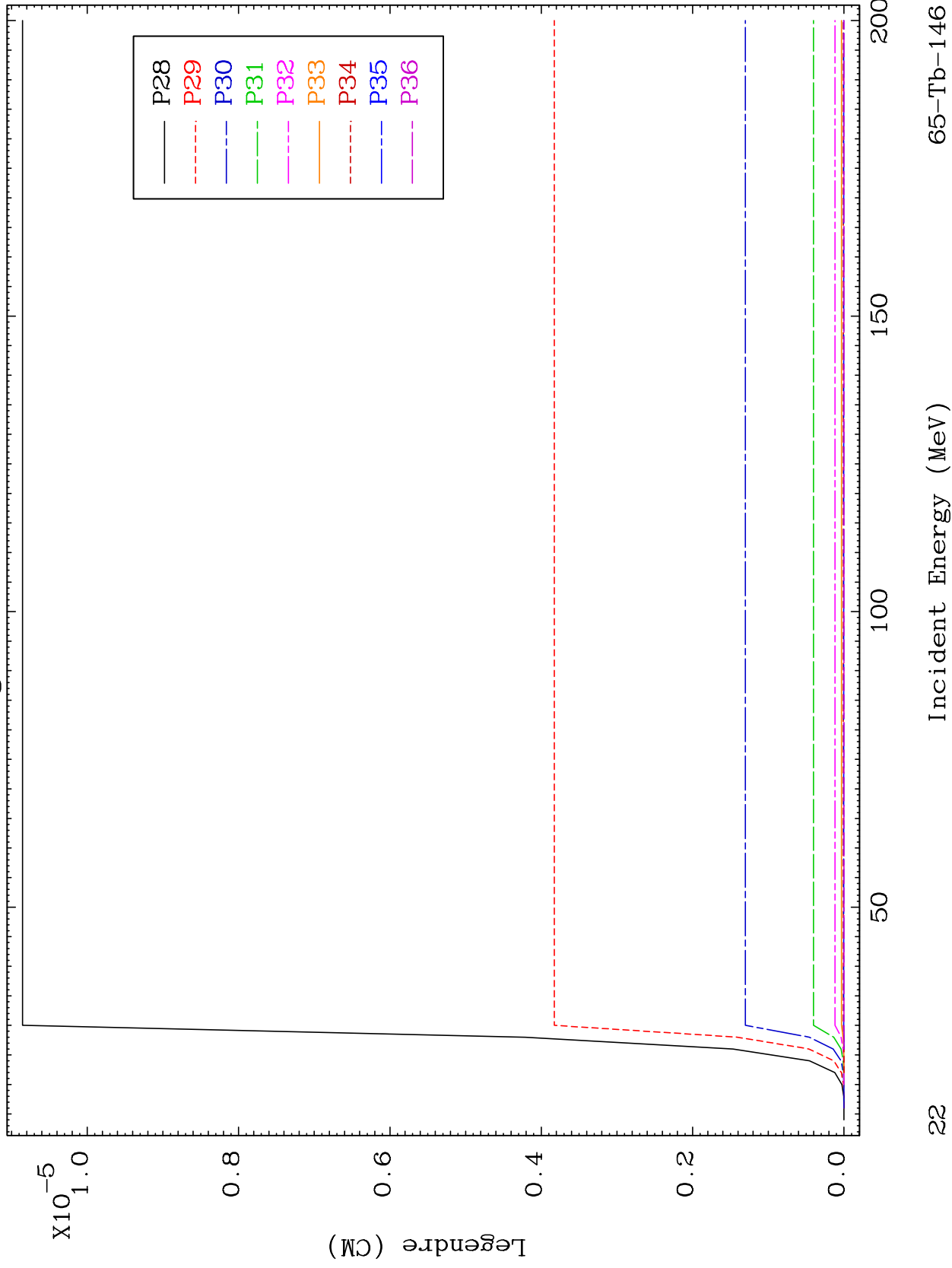
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MAT 6486

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

65-Tb-146



22

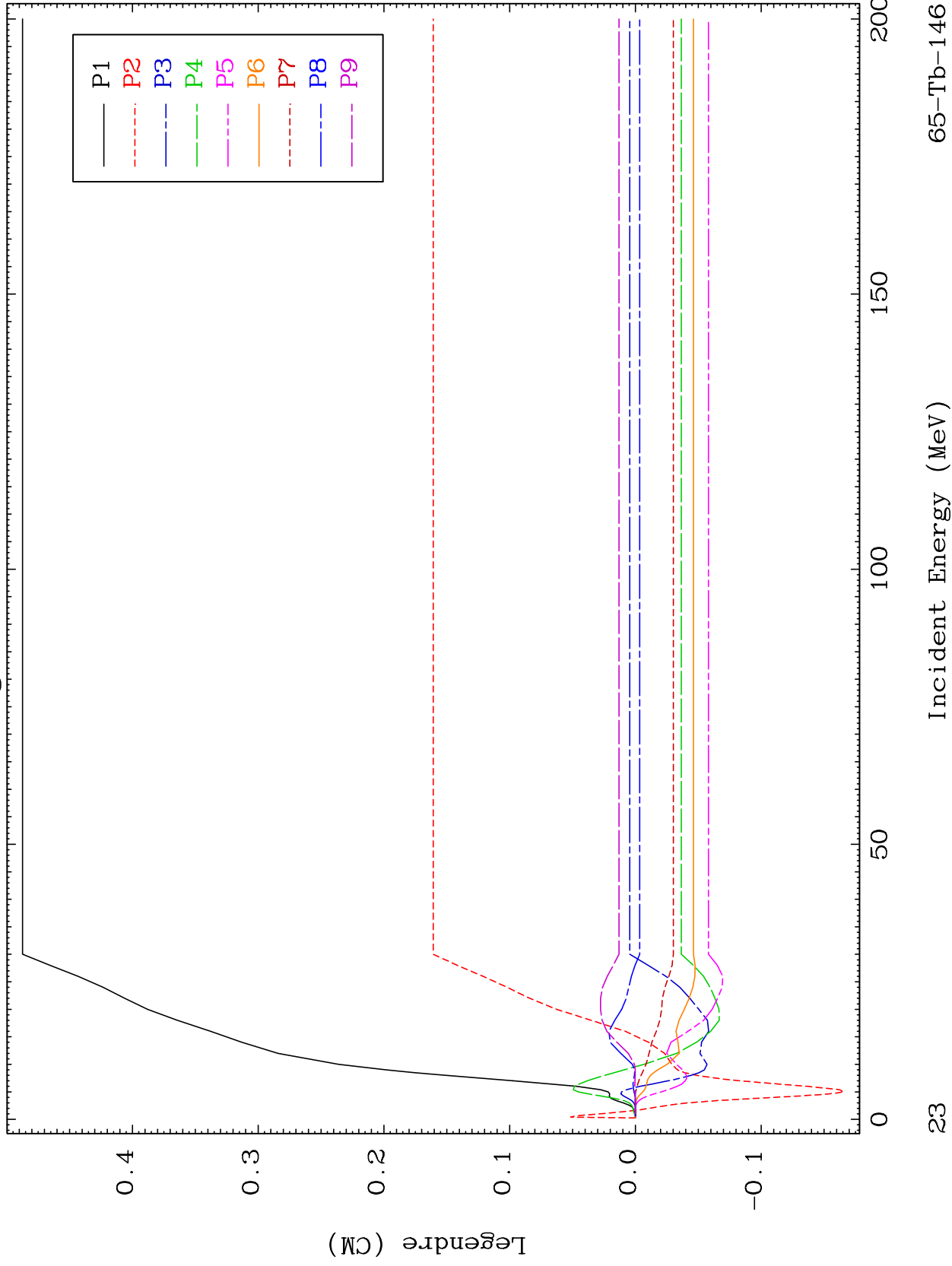
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



23

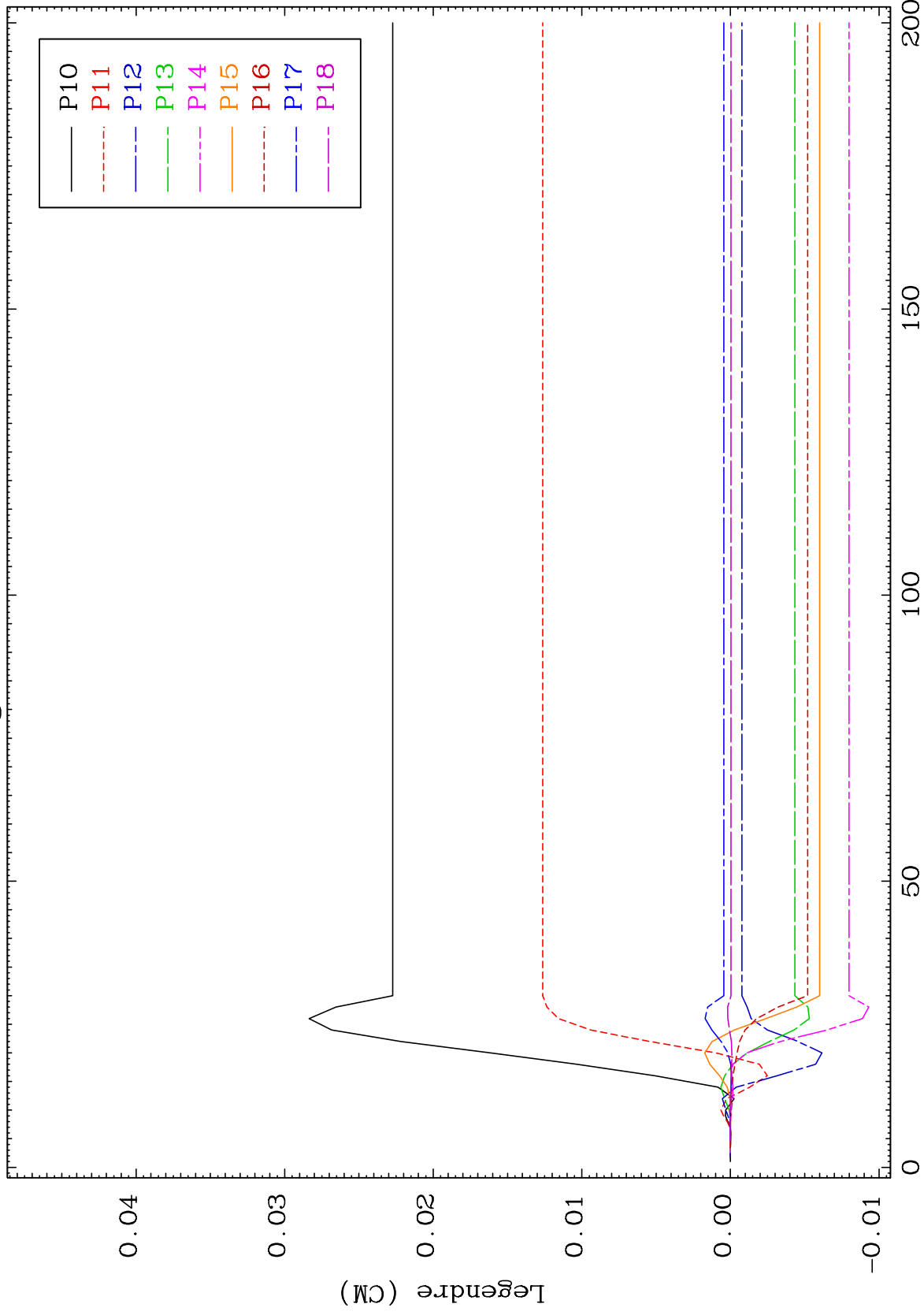
Incident Energy (MeV)

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MAT 6486

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

65-Tb-146



24

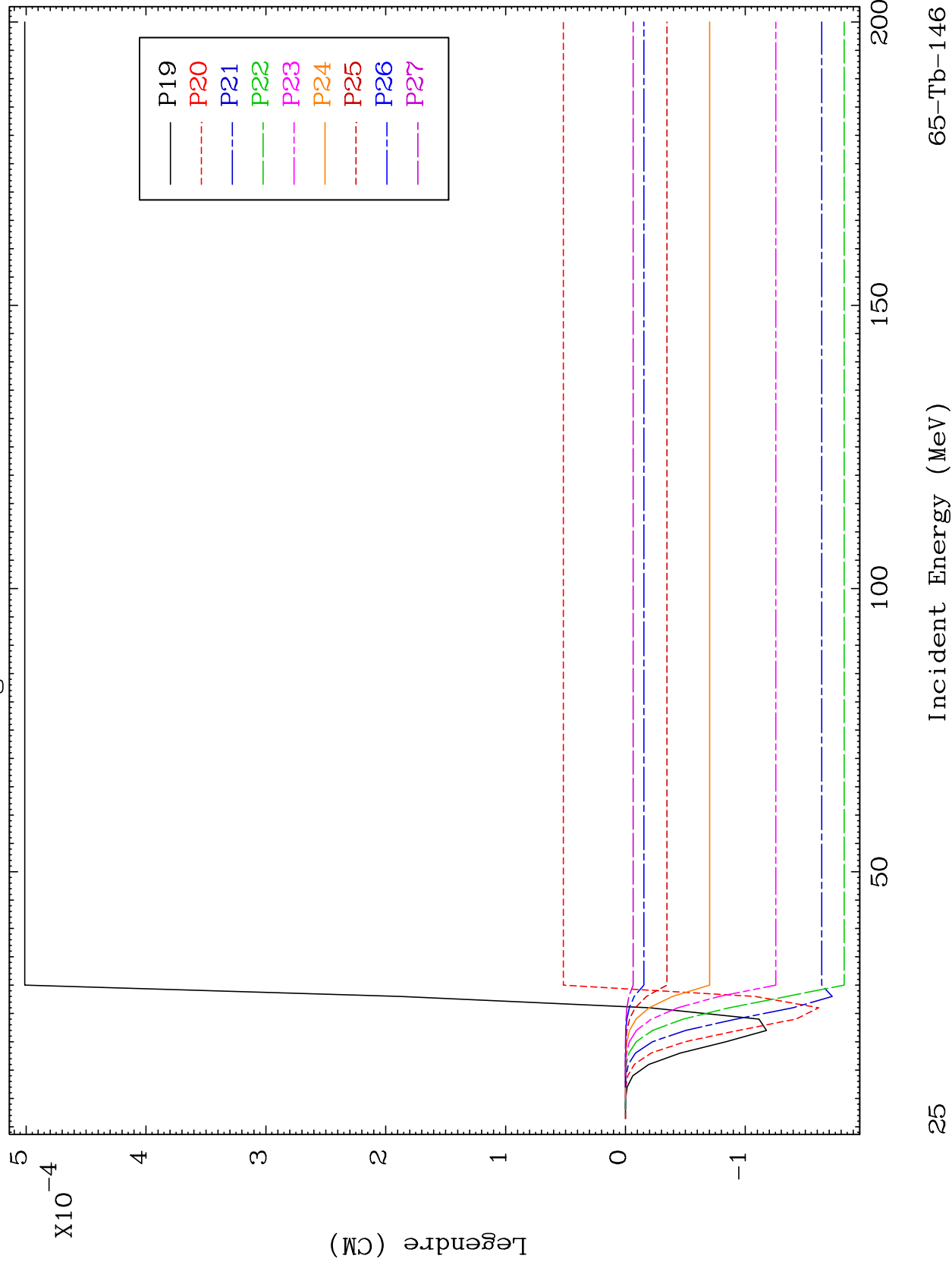
Incident Energy (MeV)

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MAT 6486

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

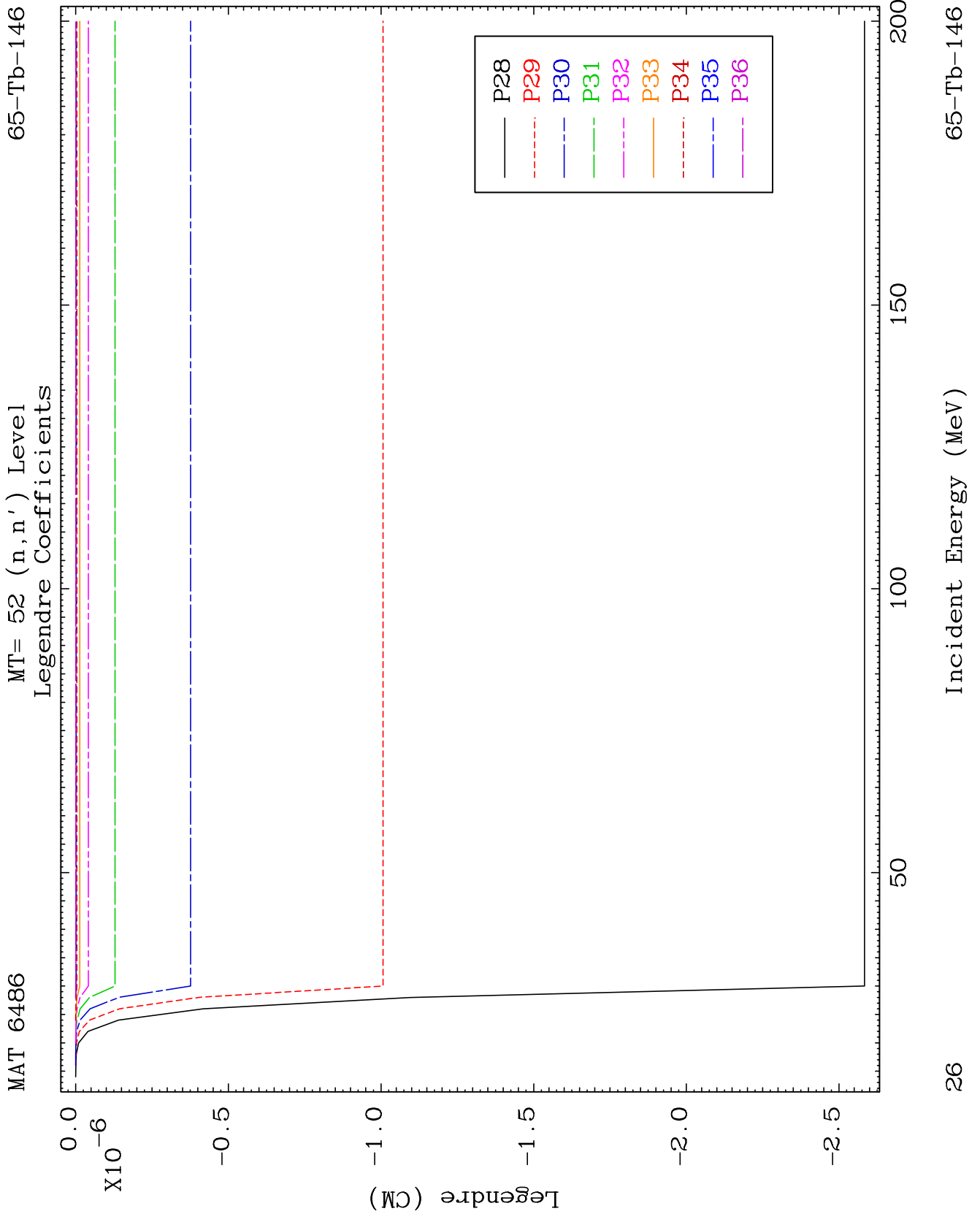
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25

Incident Energy (MeV)

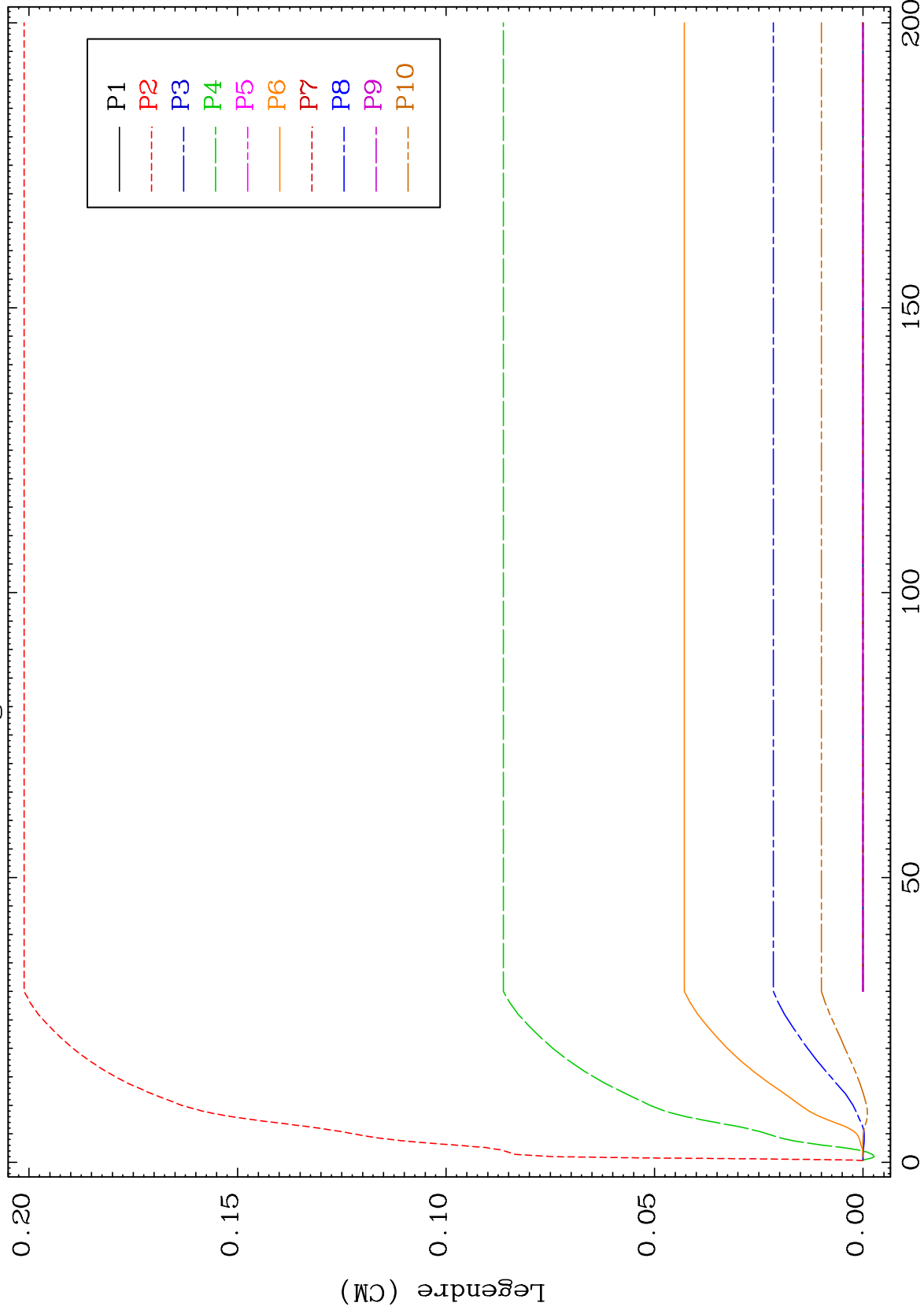
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MAT 6486

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

65-Tb-146



27

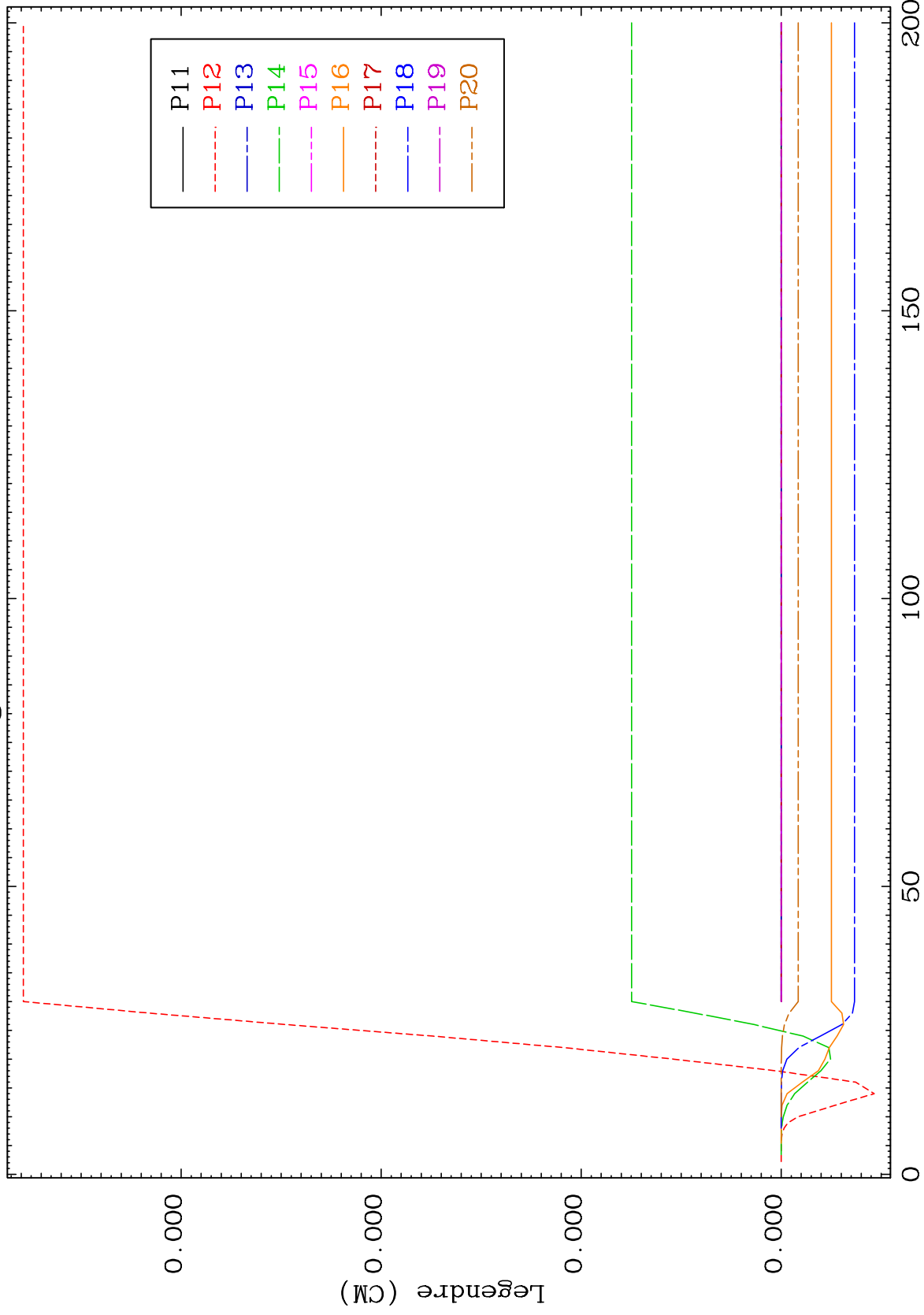
Incident Energy (MeV)

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MAT 6486

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

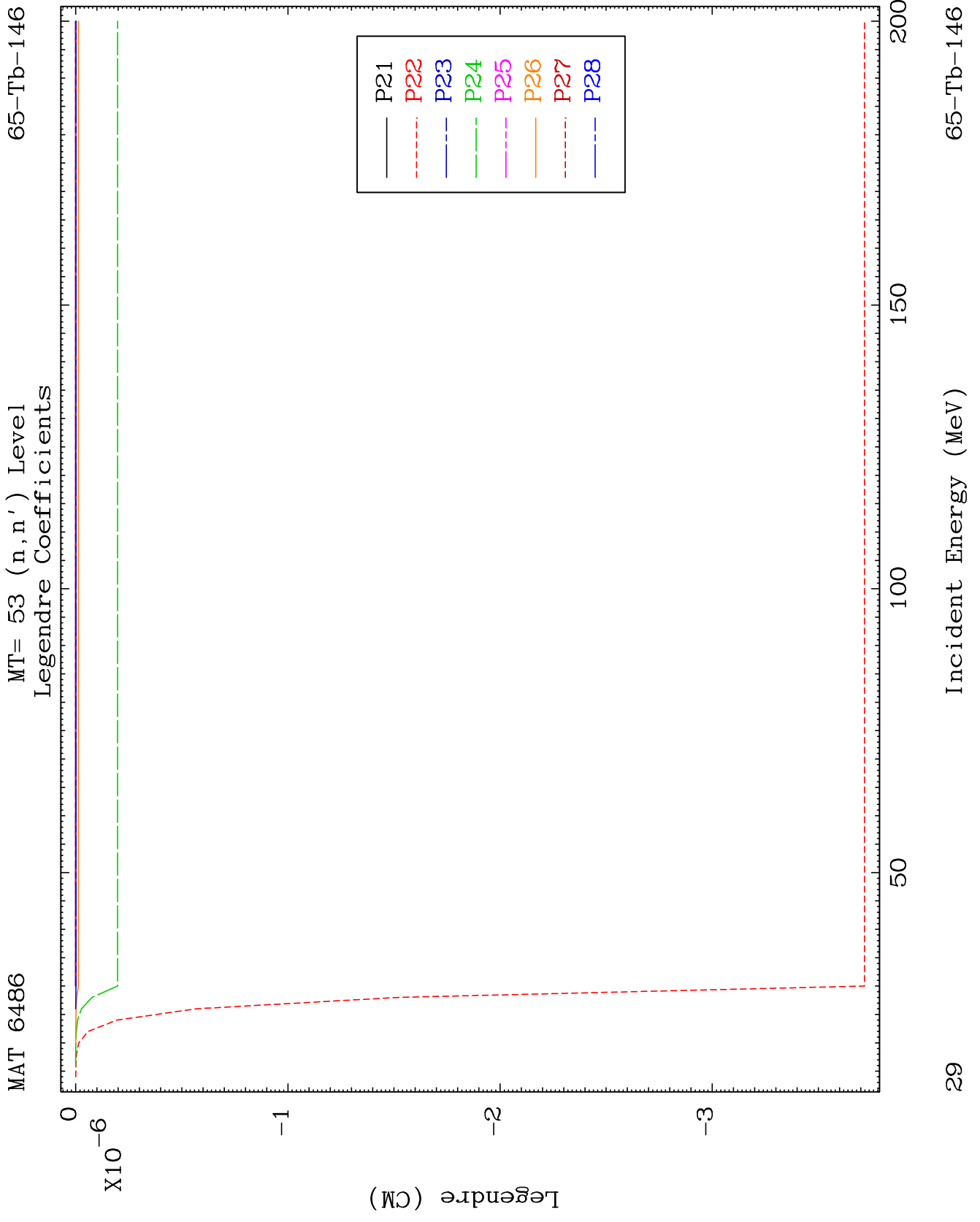
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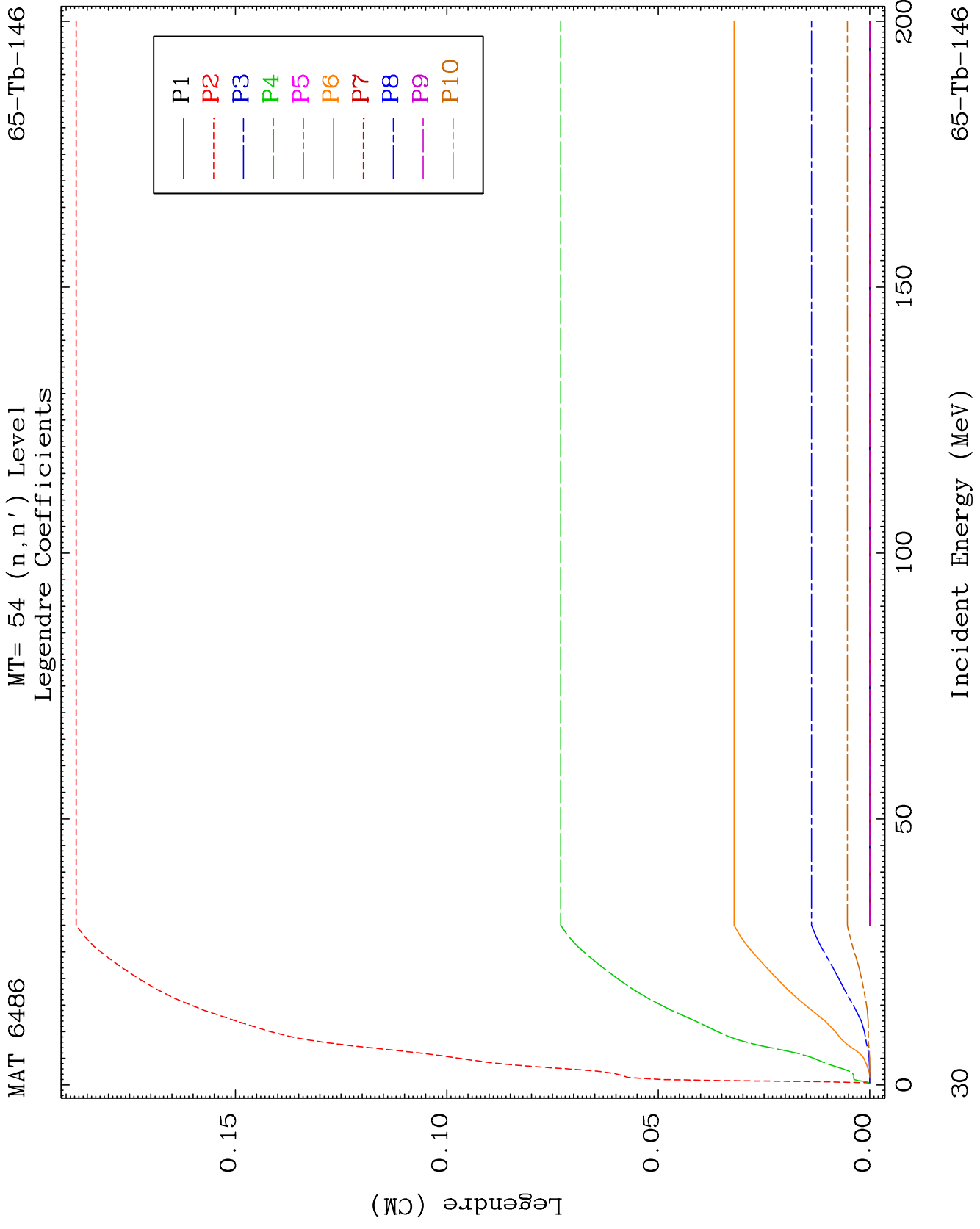


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Incident Energy (MeV)

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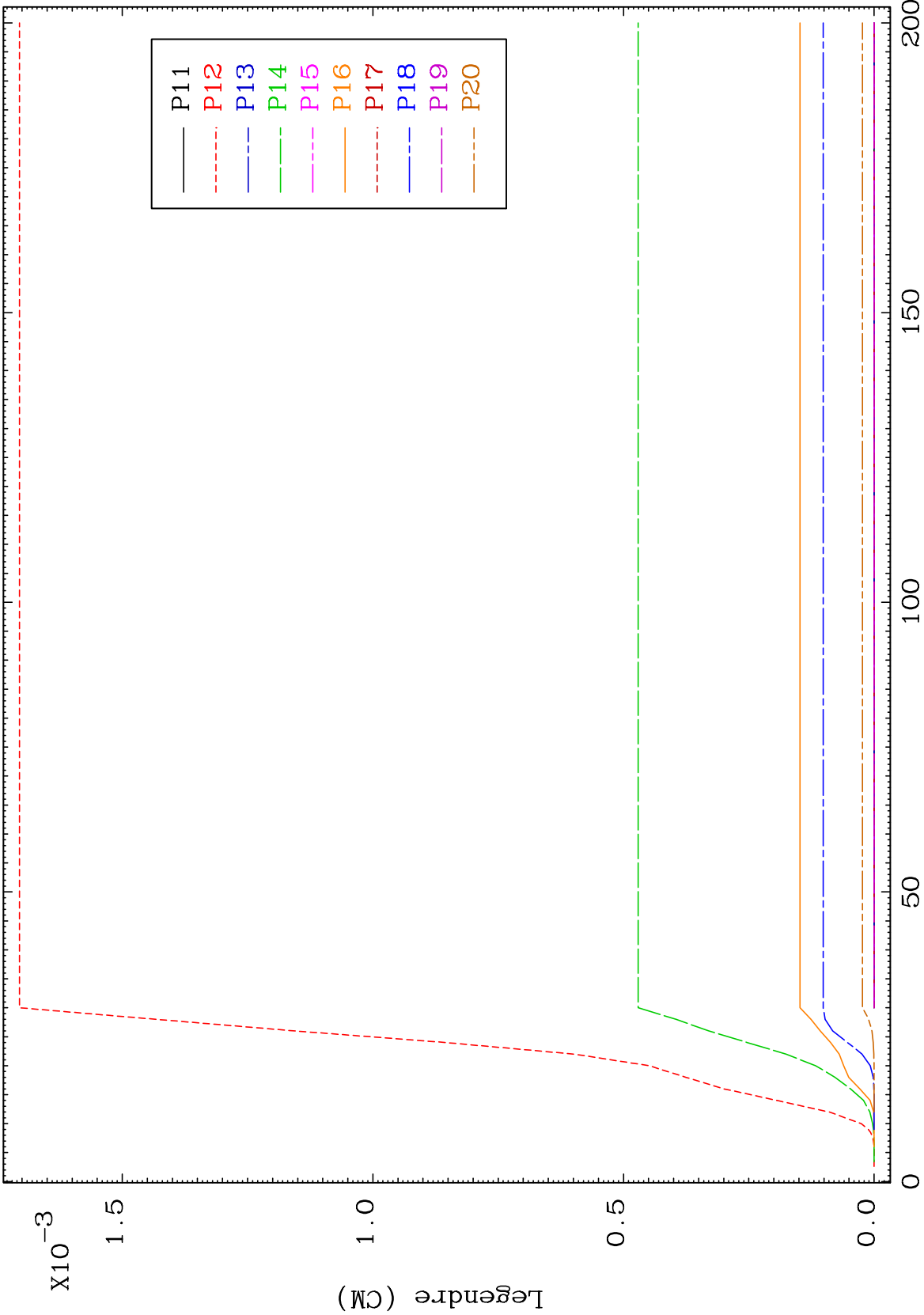




MAT 6486

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

65-Tb-146



31

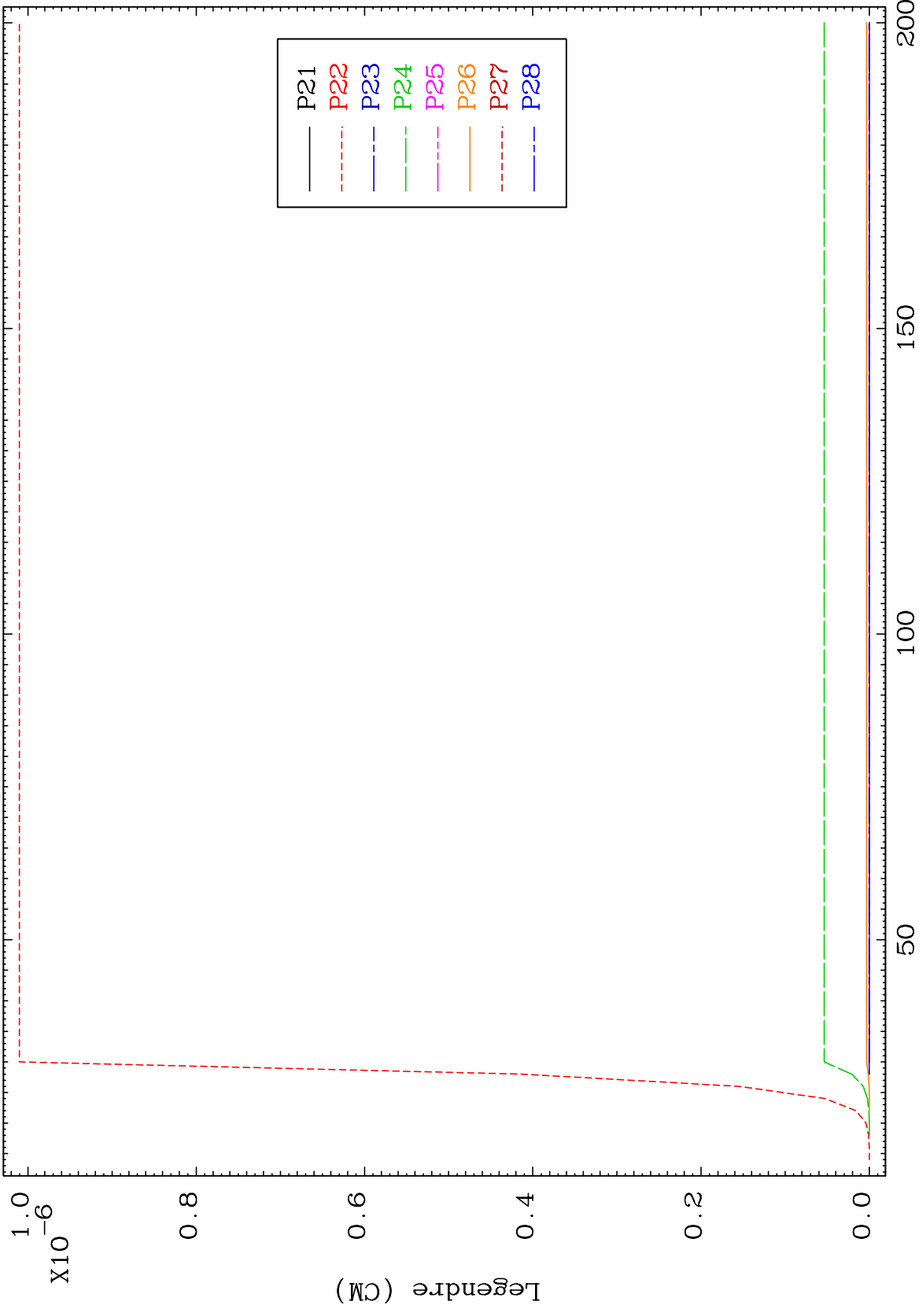
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

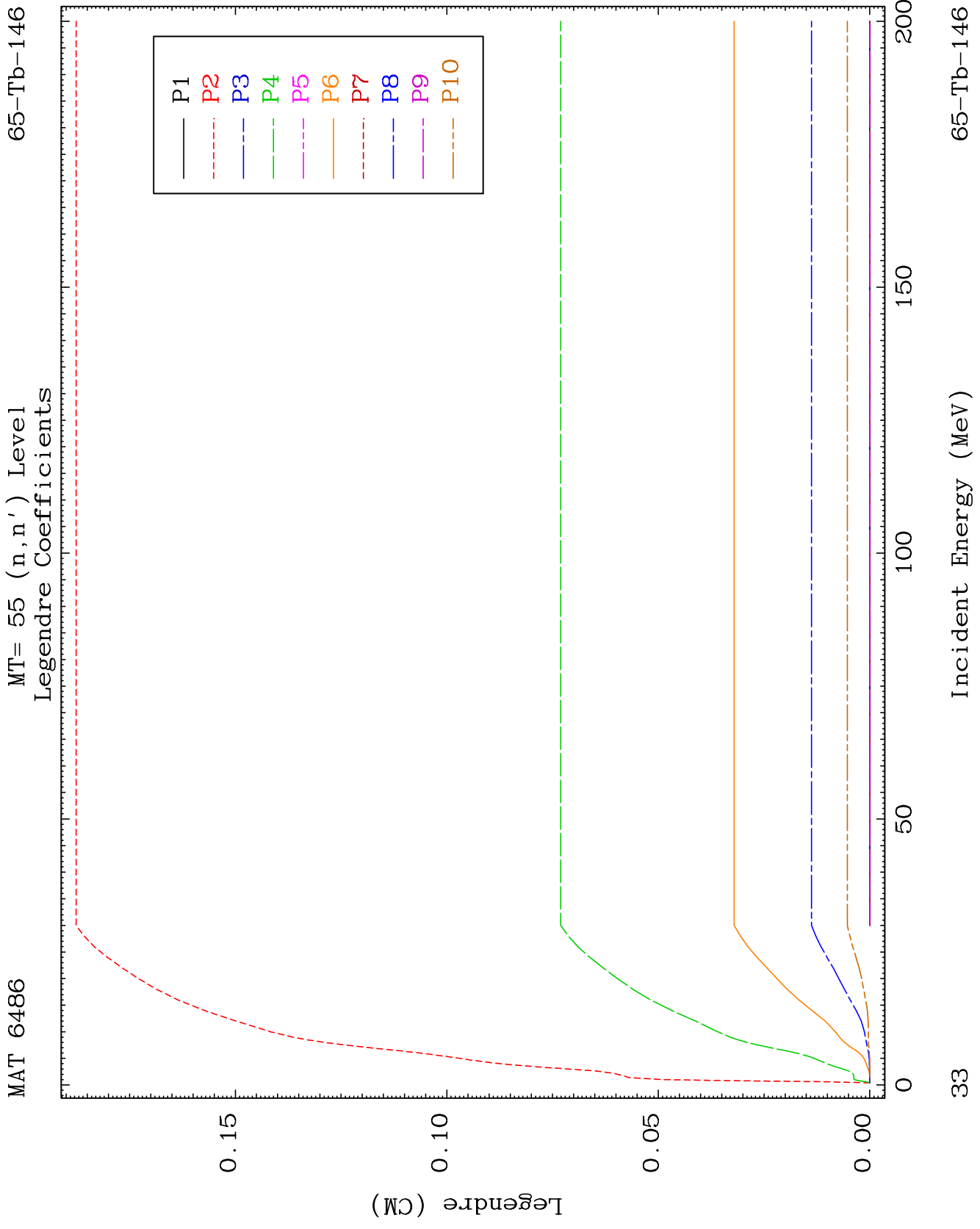
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32

Incident Energy (MeV)

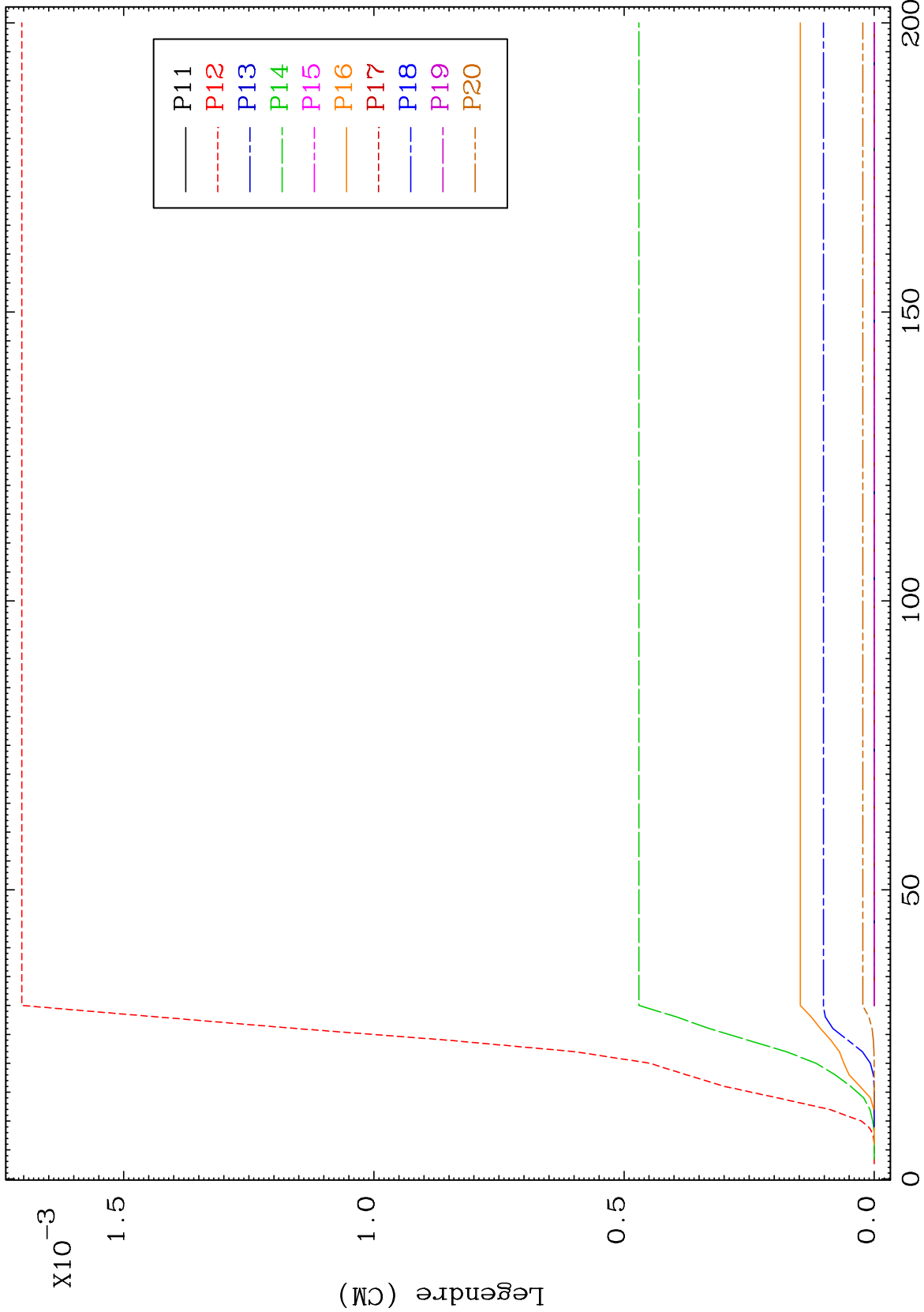
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MAT 6486

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

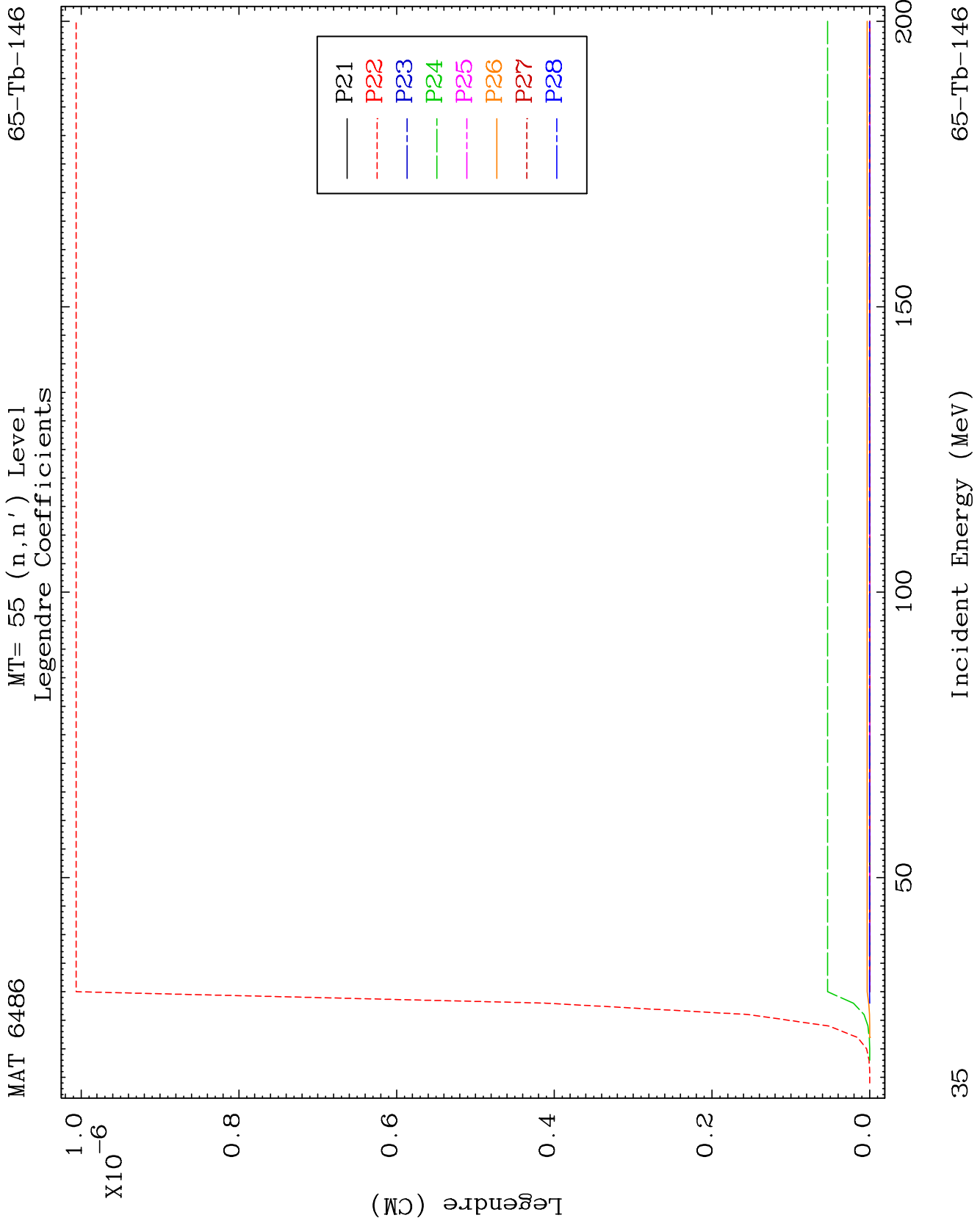
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34

Incident Energy (MeV)

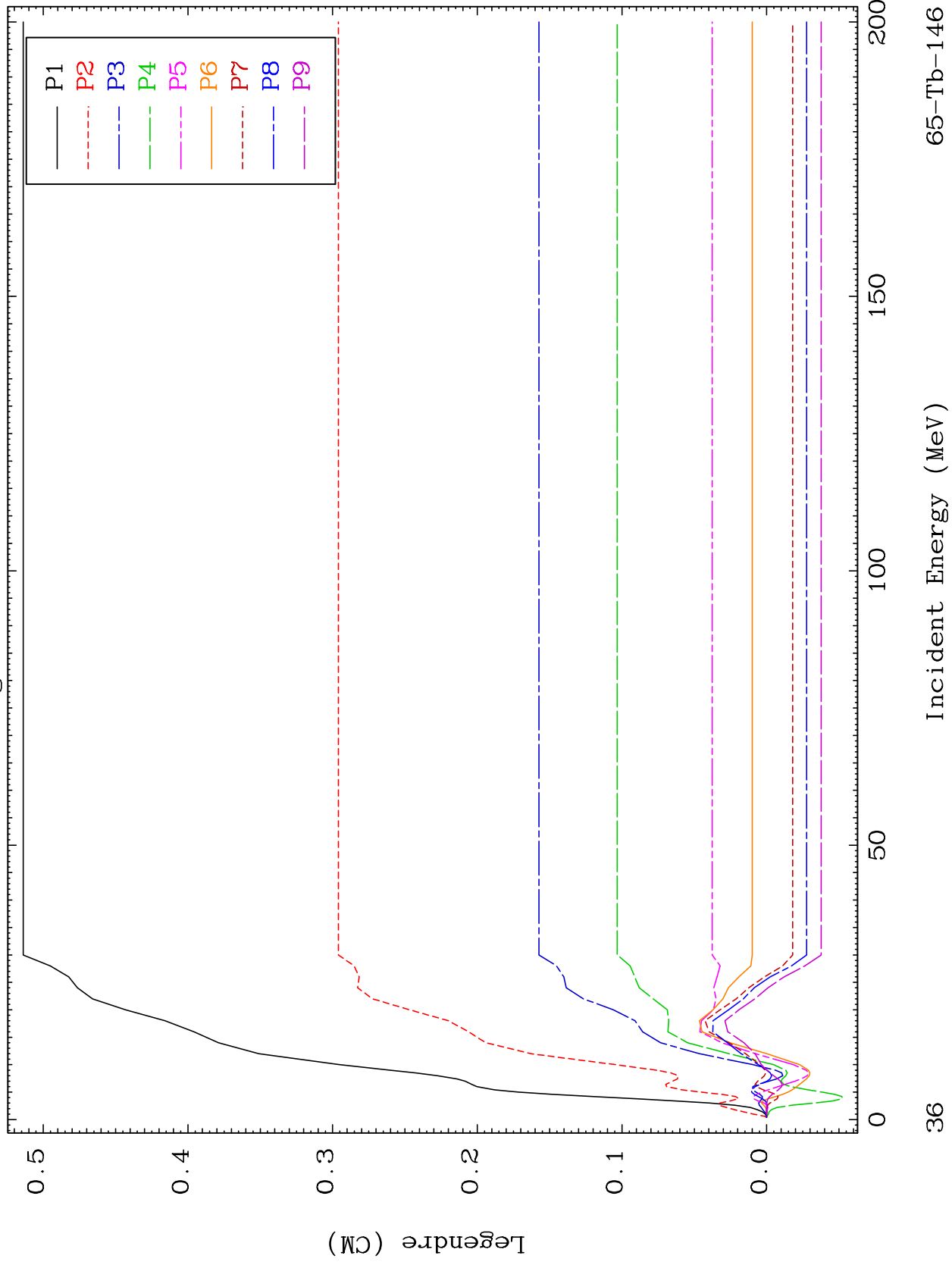
65-Tb-146



MAT 6486

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

65-Tb-146



65-Tb-146

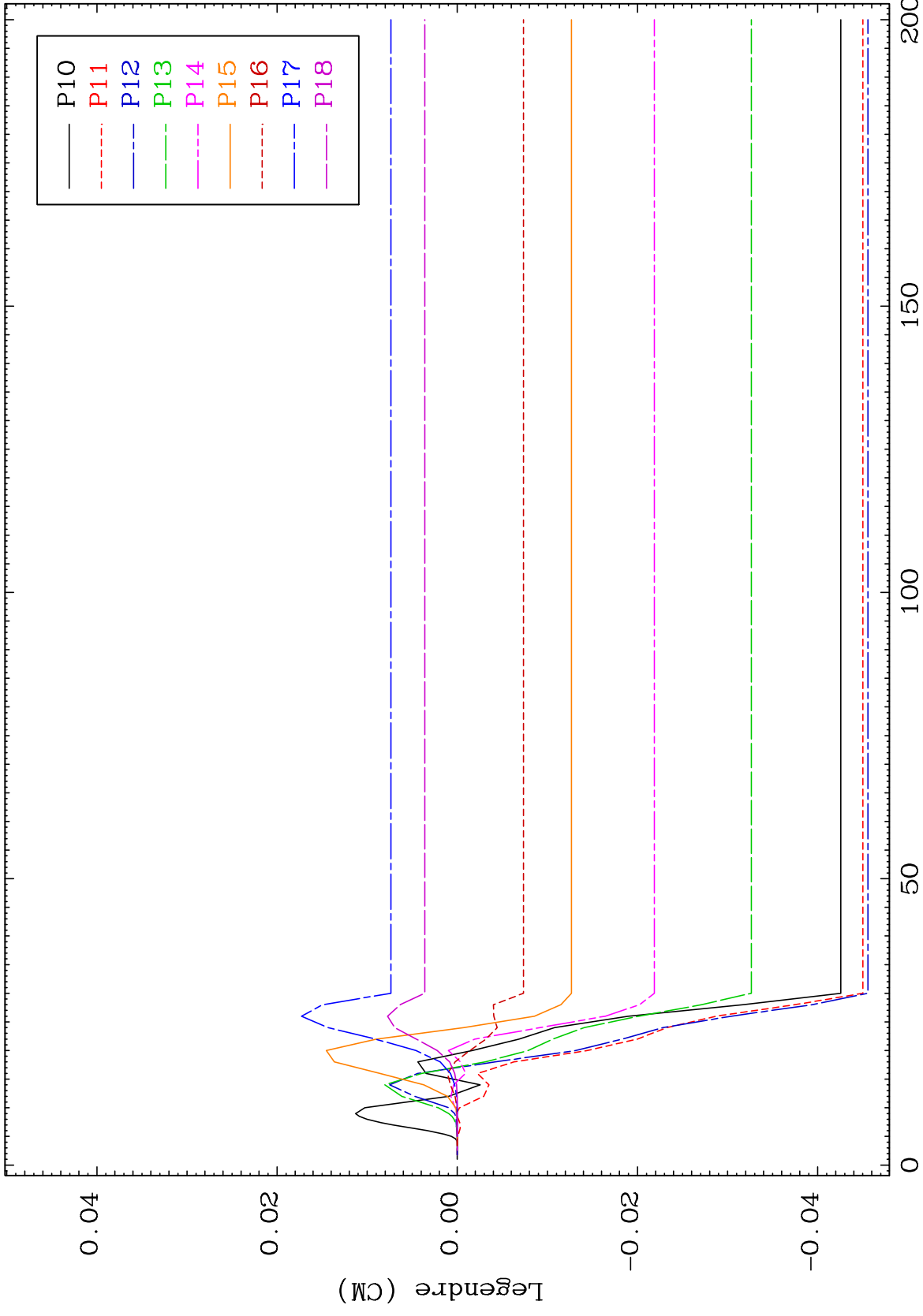
Incident Energy (MeV)

36

MAT 6486

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

65-Tb-146



37

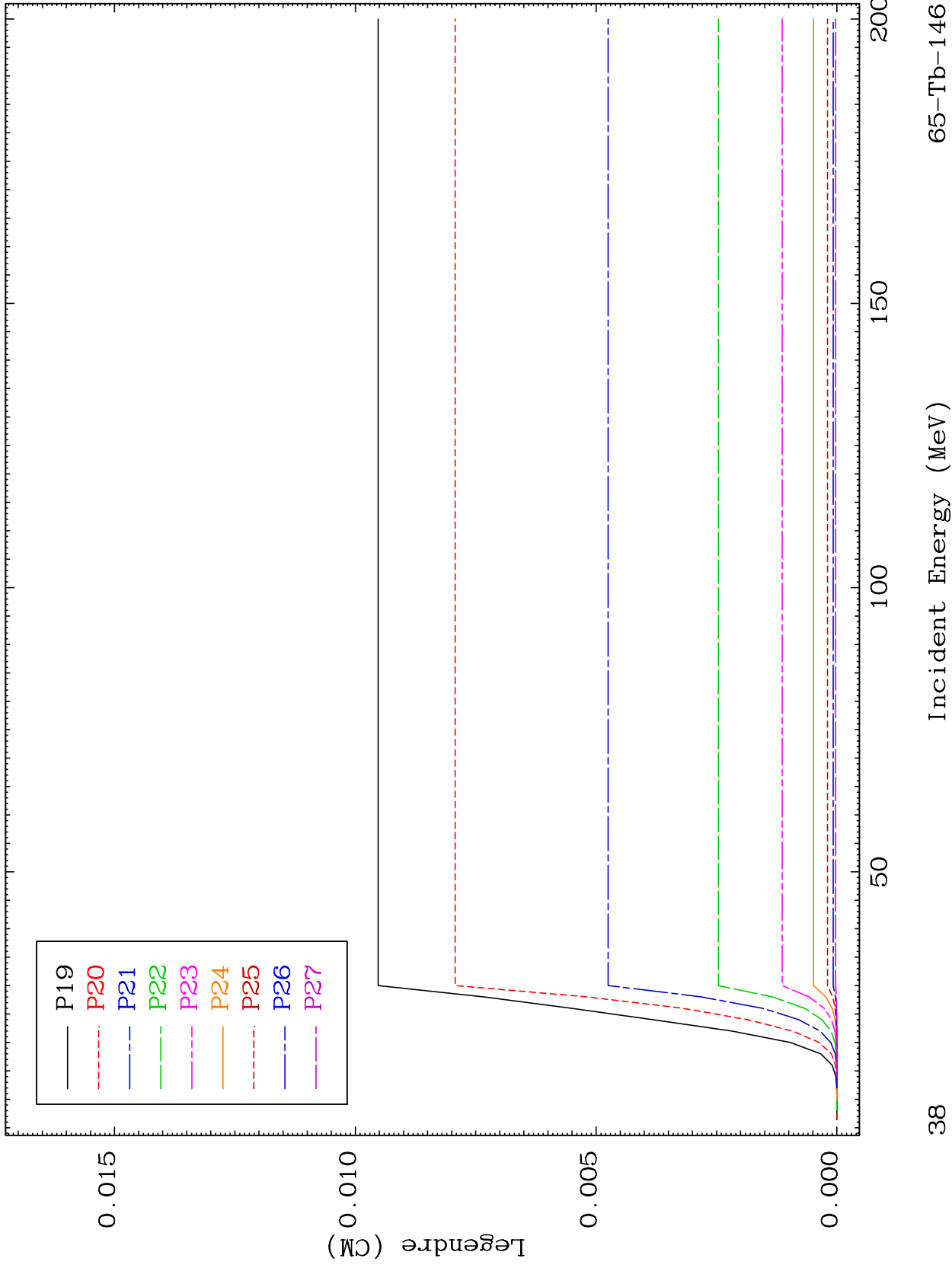
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



38

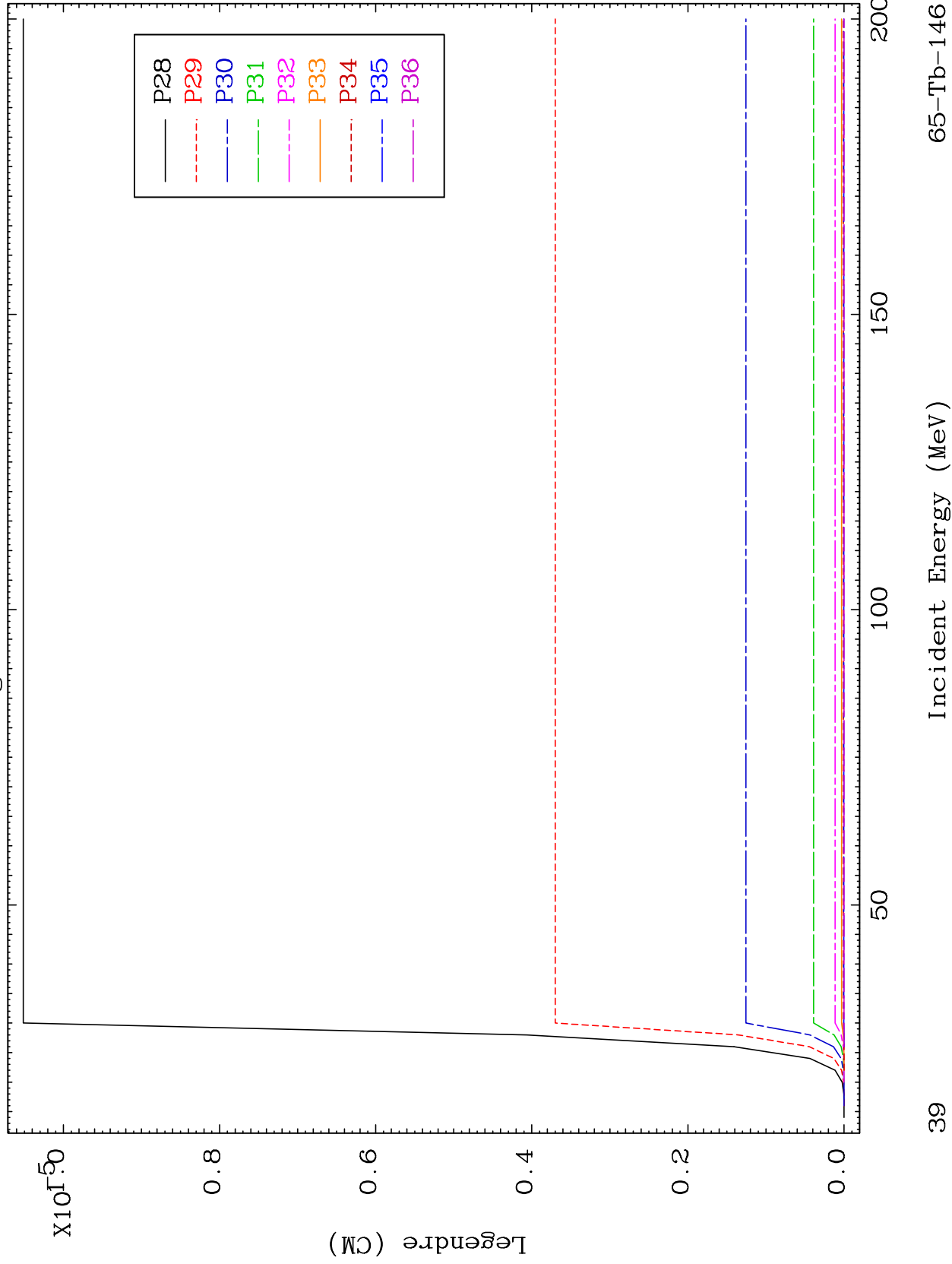
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146

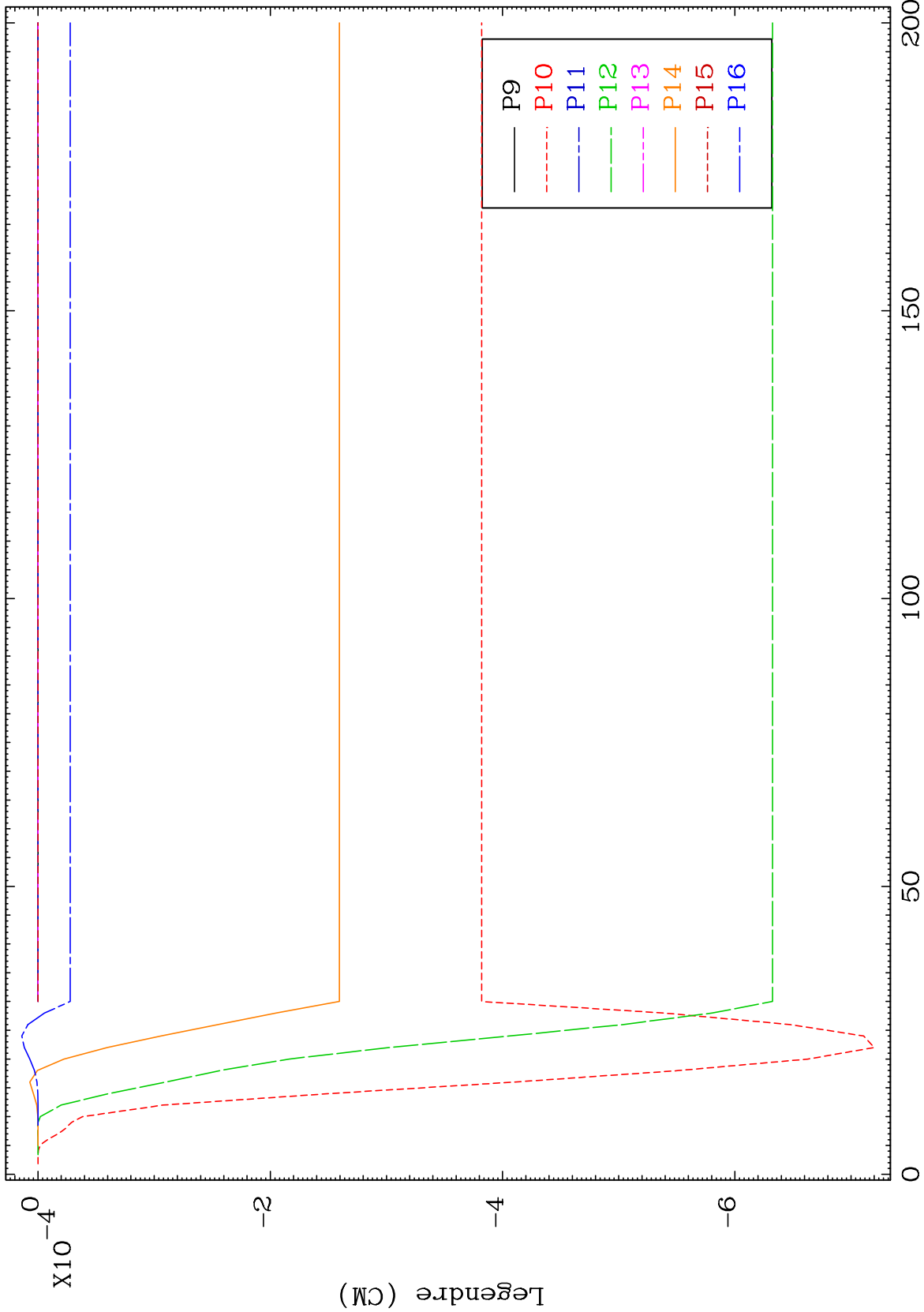


MAT 6486

MT= 57 (n,n') Level

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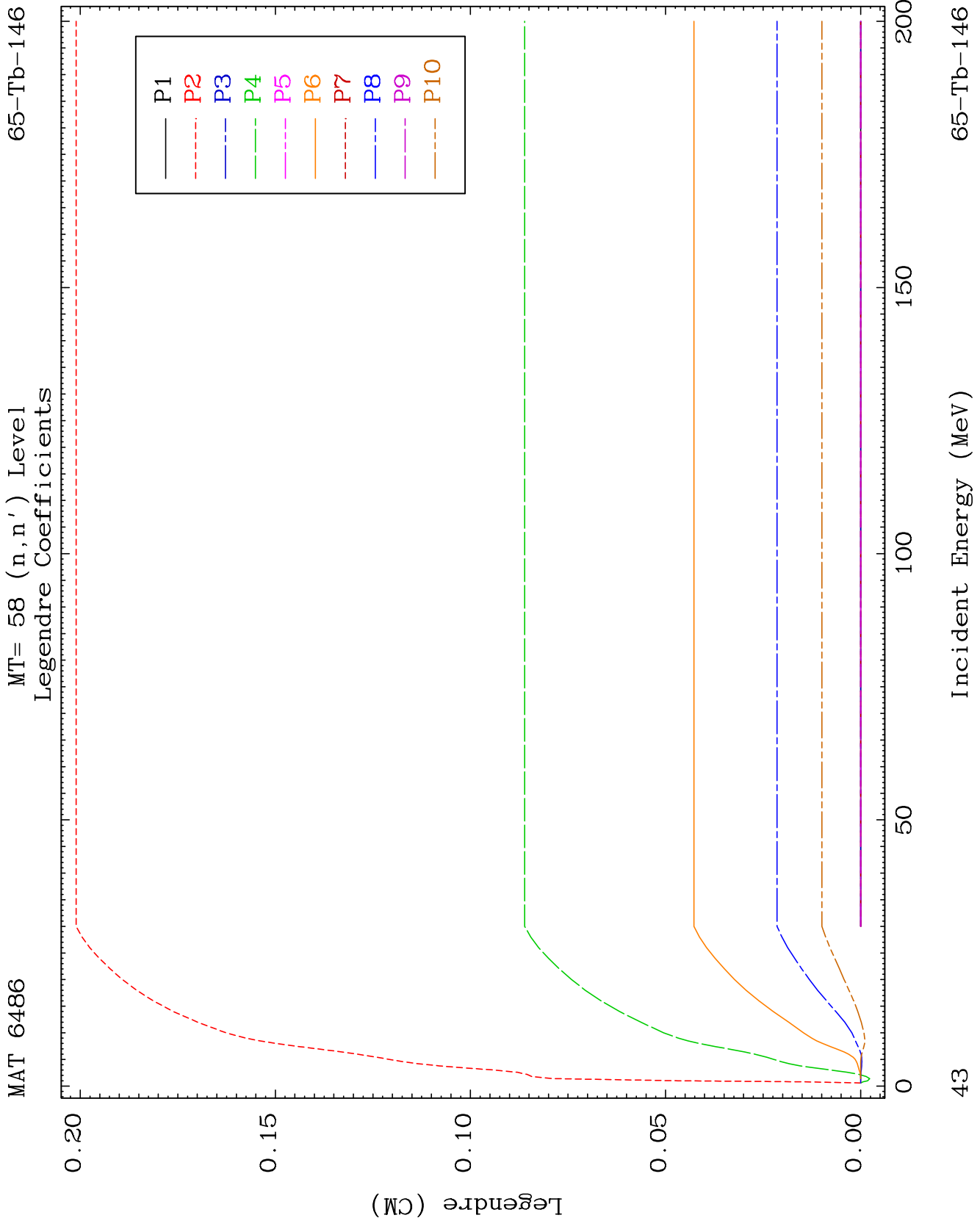
Legendre Coefficients



41

Incident Energy (MeV)

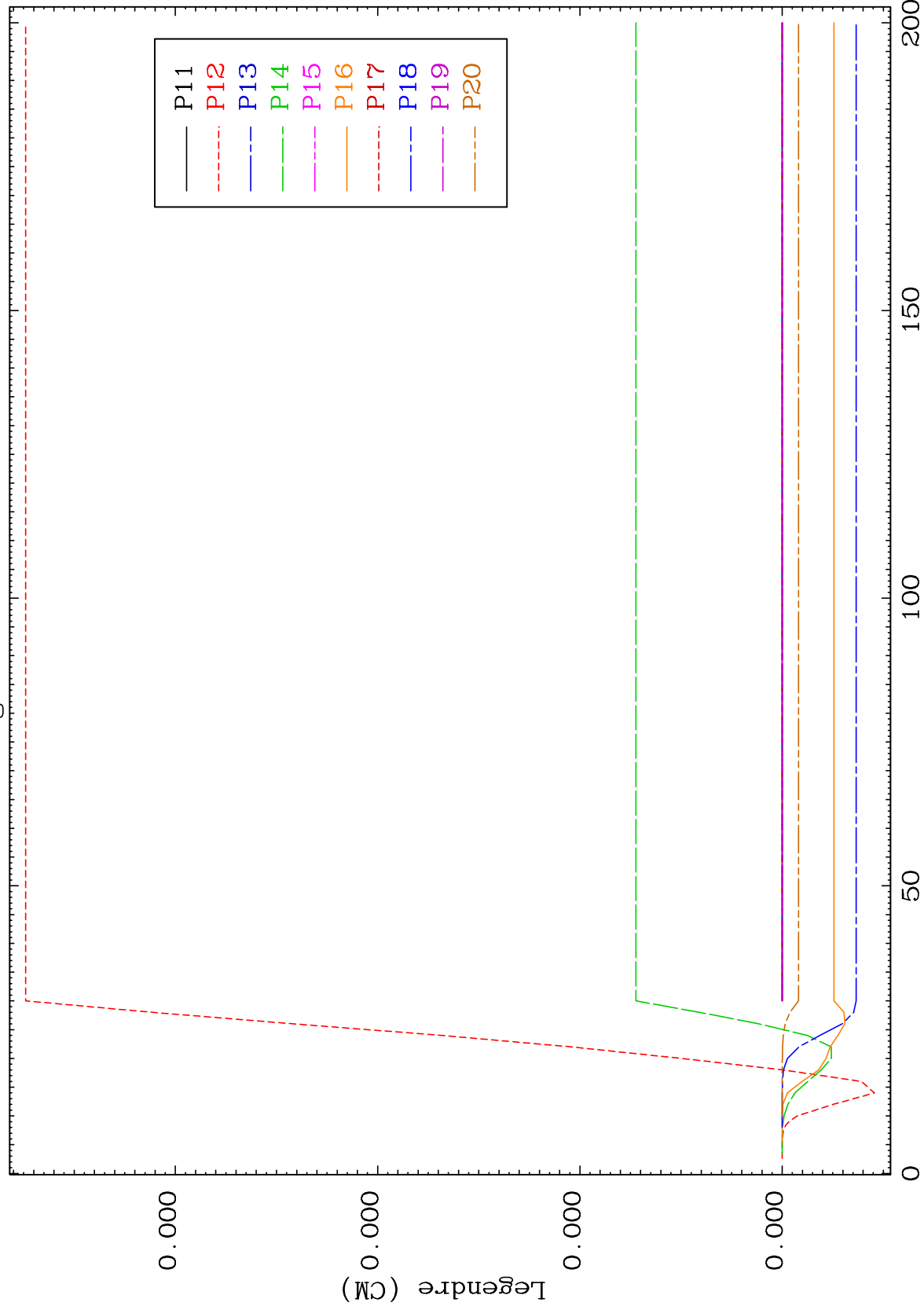
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MAT 6486

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

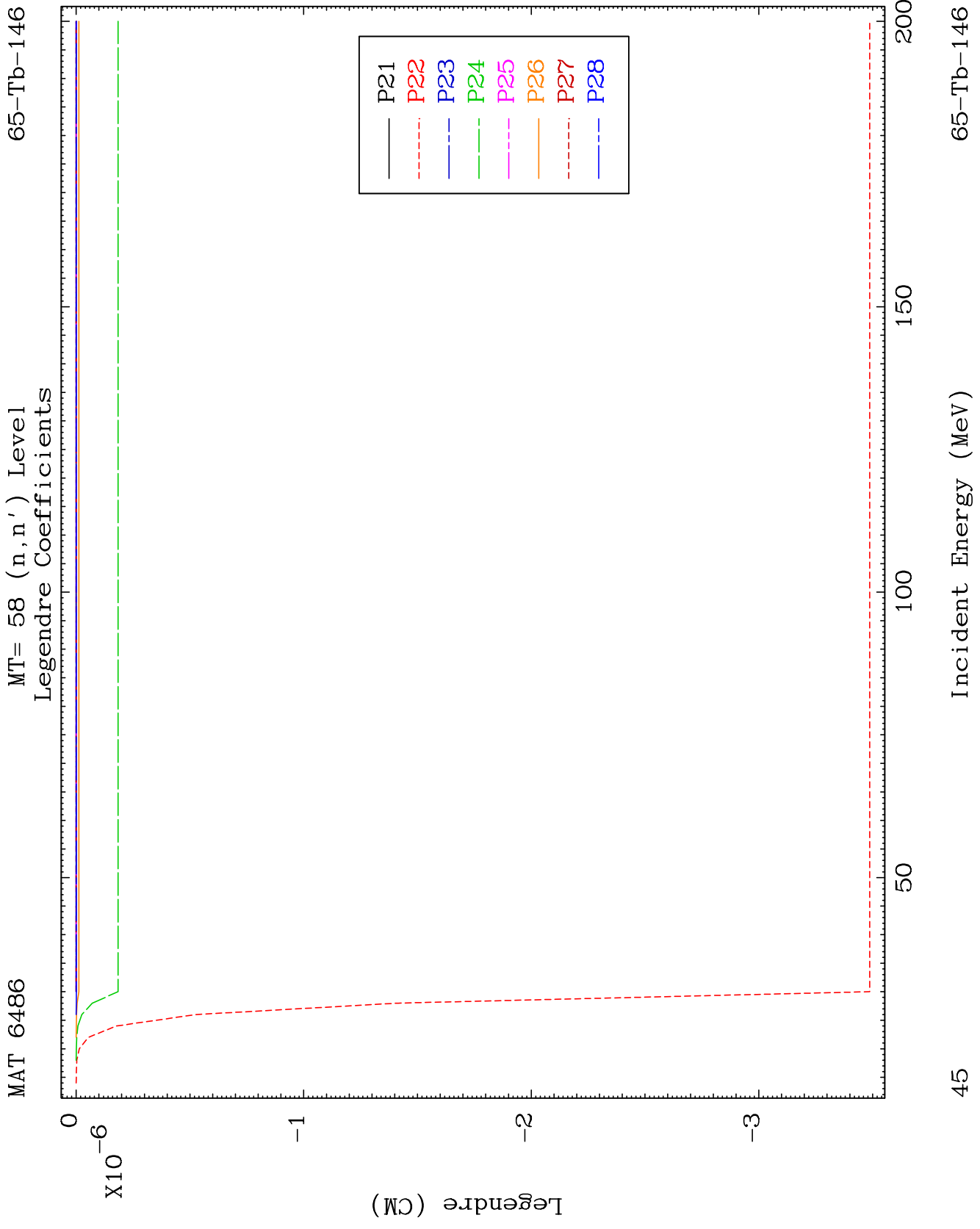
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44

Incident Energy (MeV)

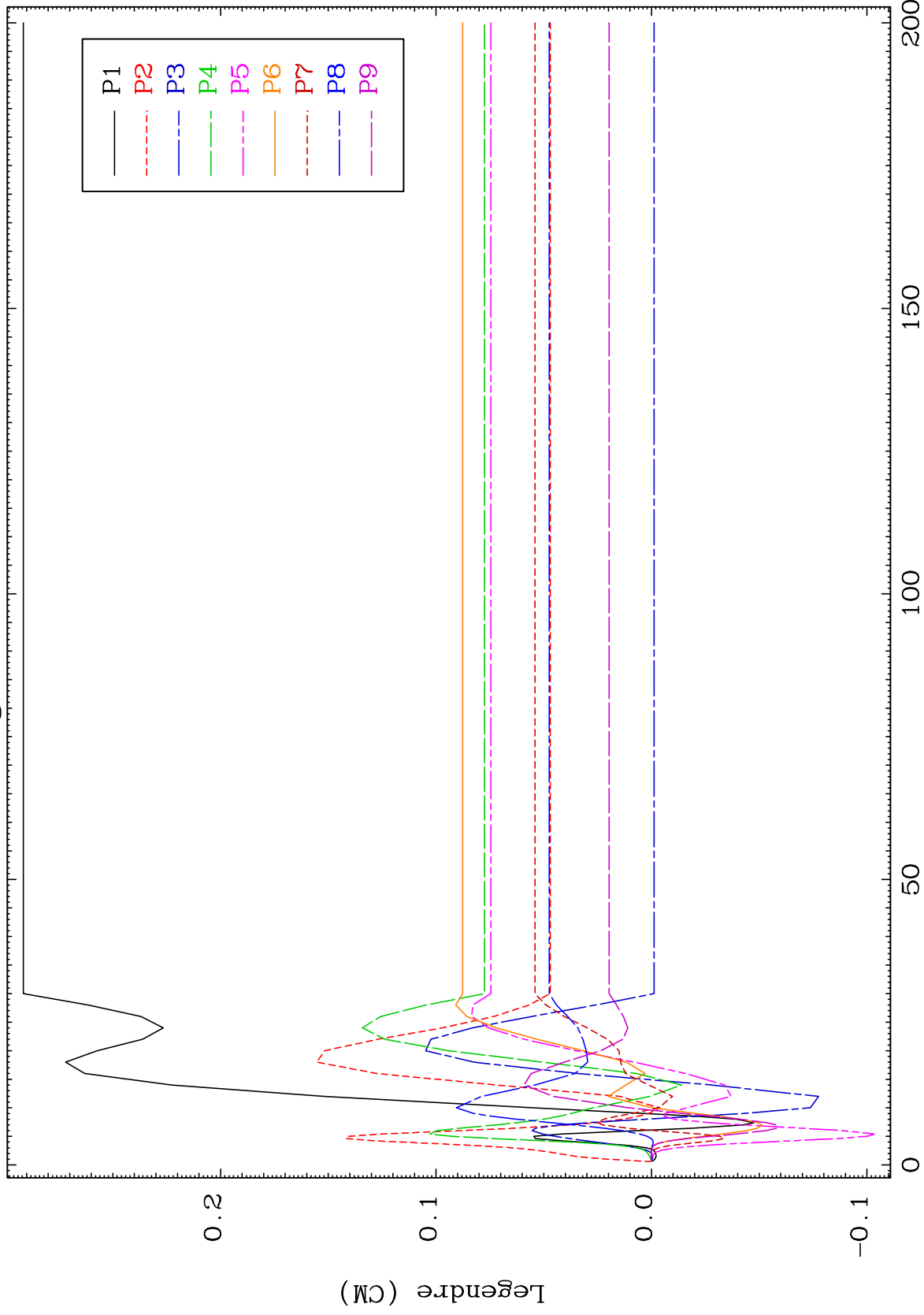
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MAT 6486

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

65-Tb-146



46

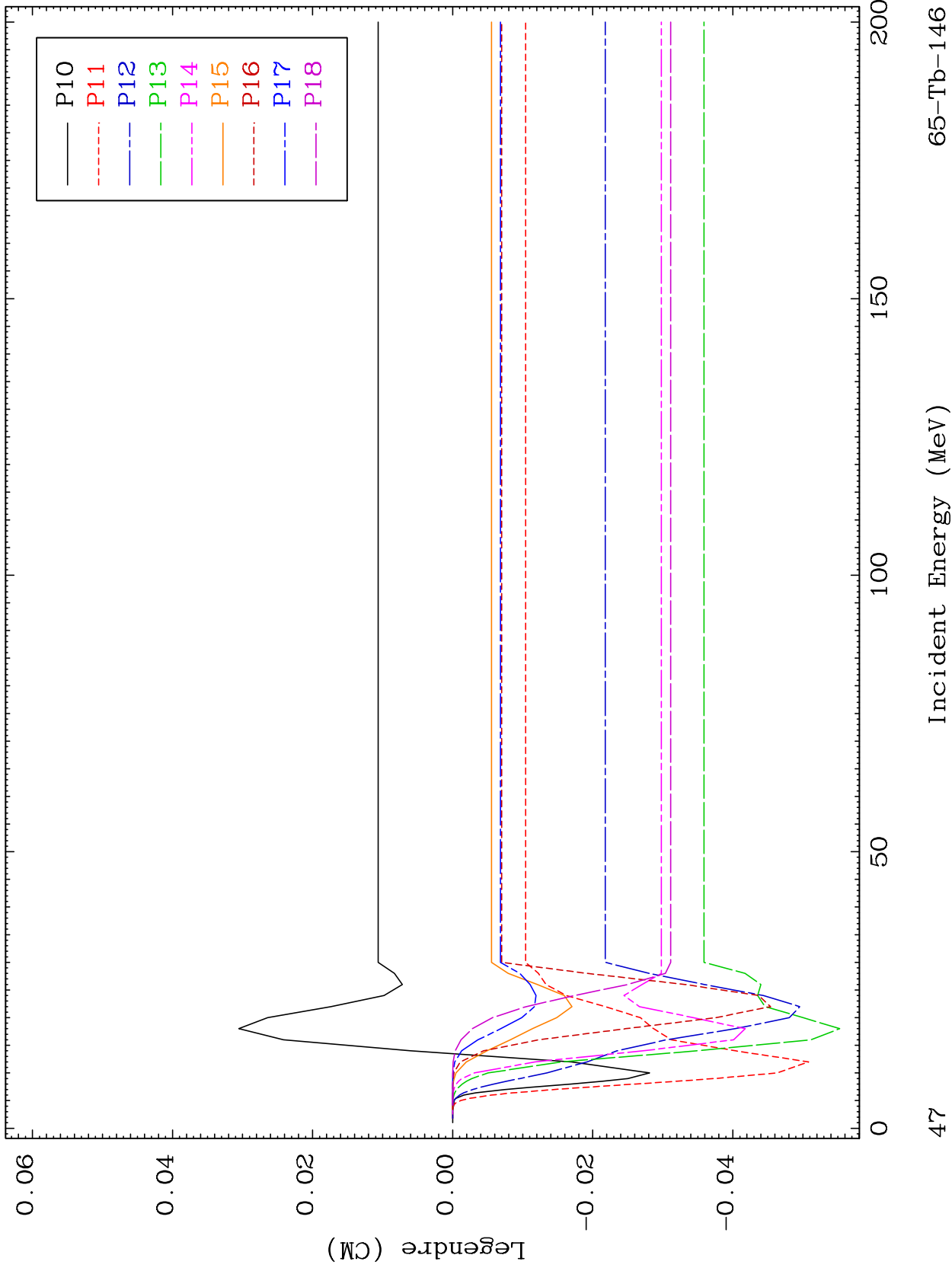
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



47

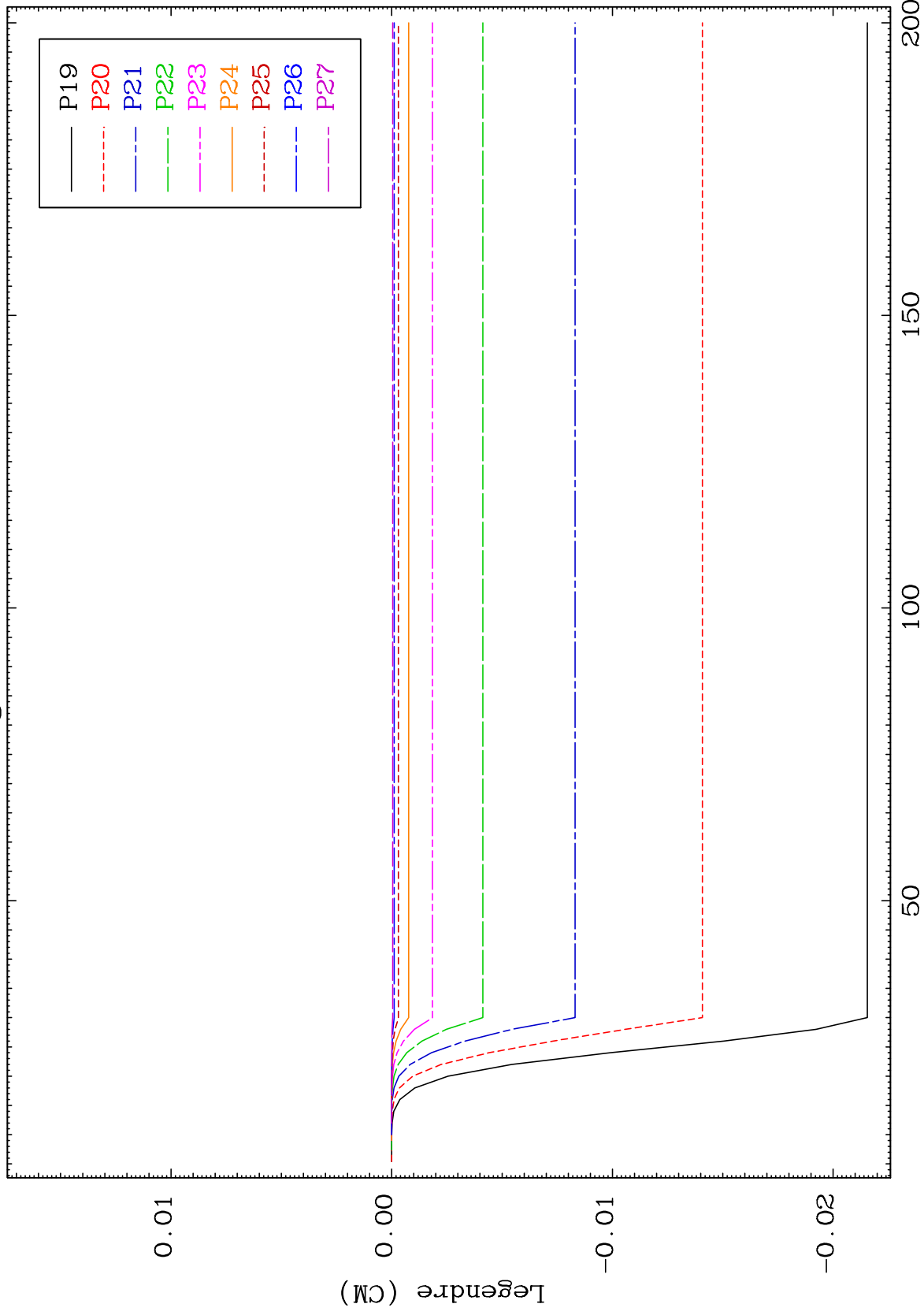
Incident Energy (MeV)

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MAT 6486

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

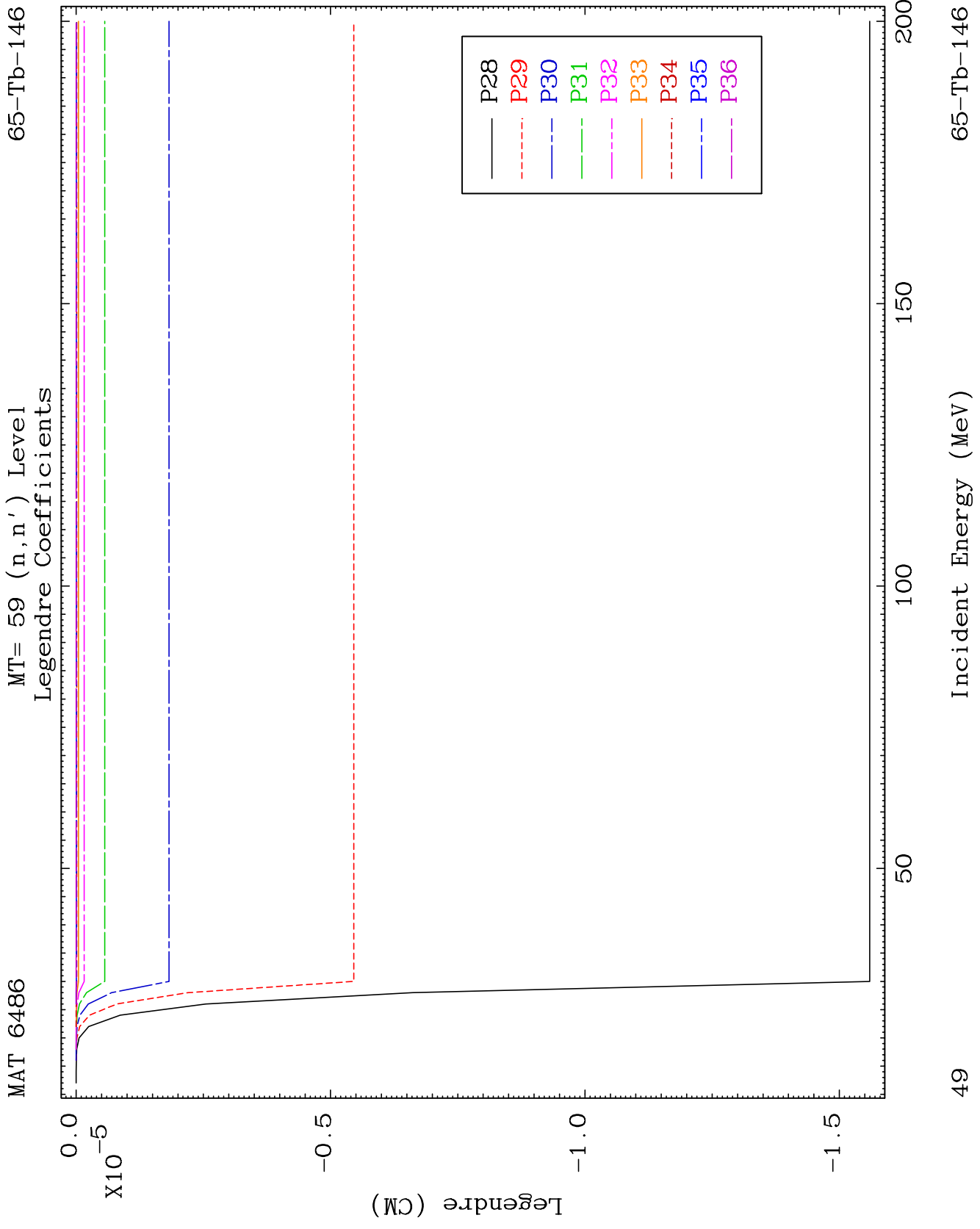
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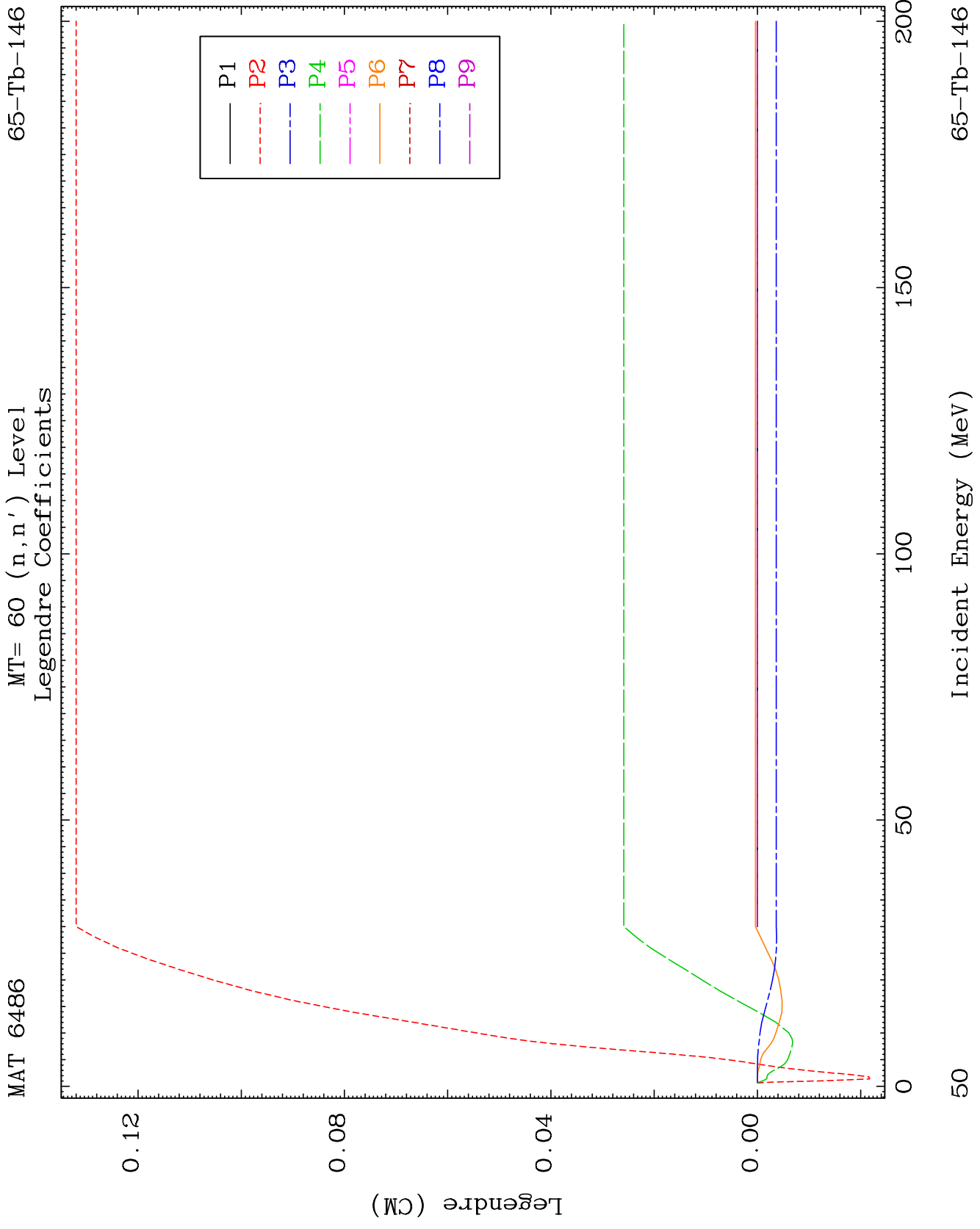


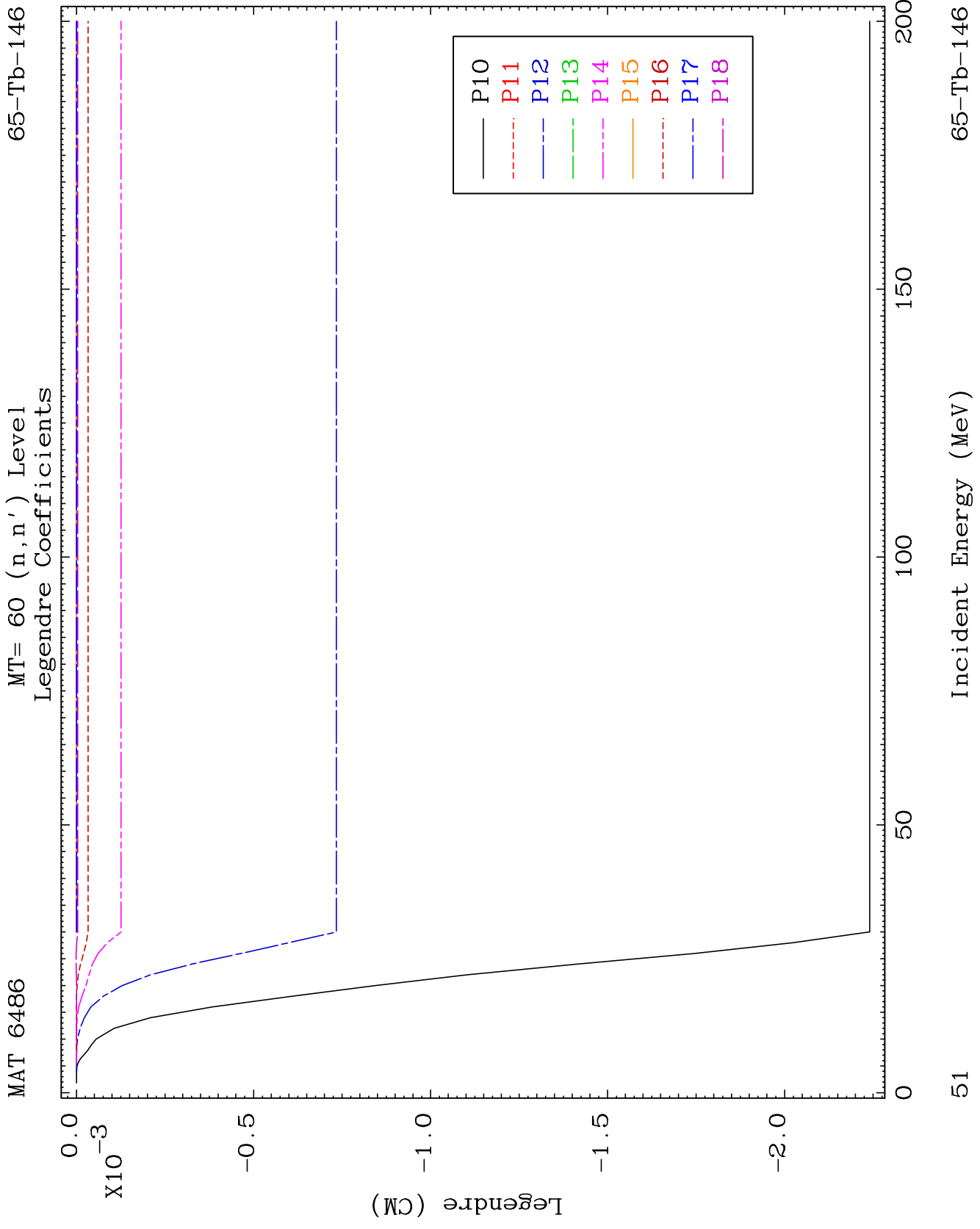
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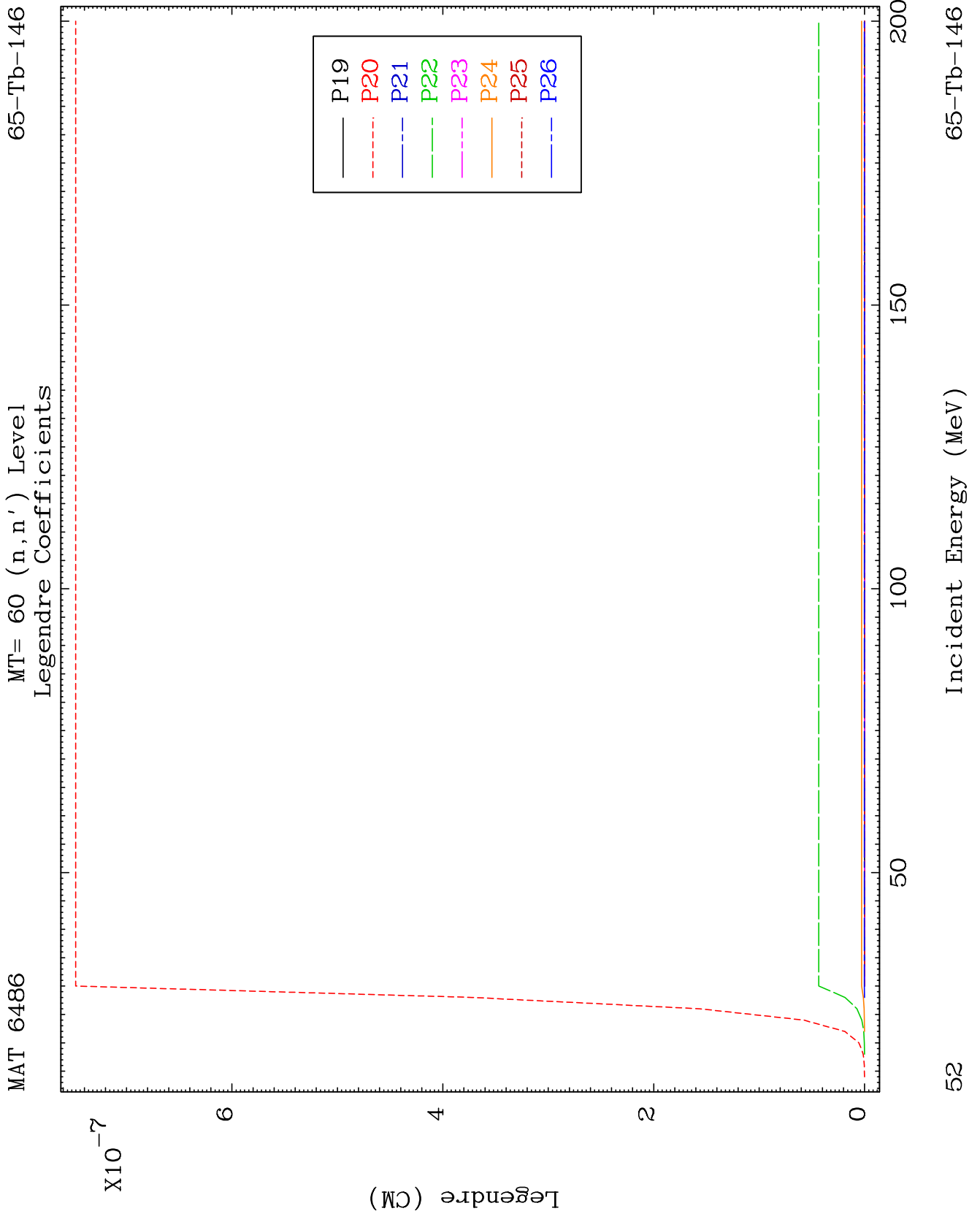
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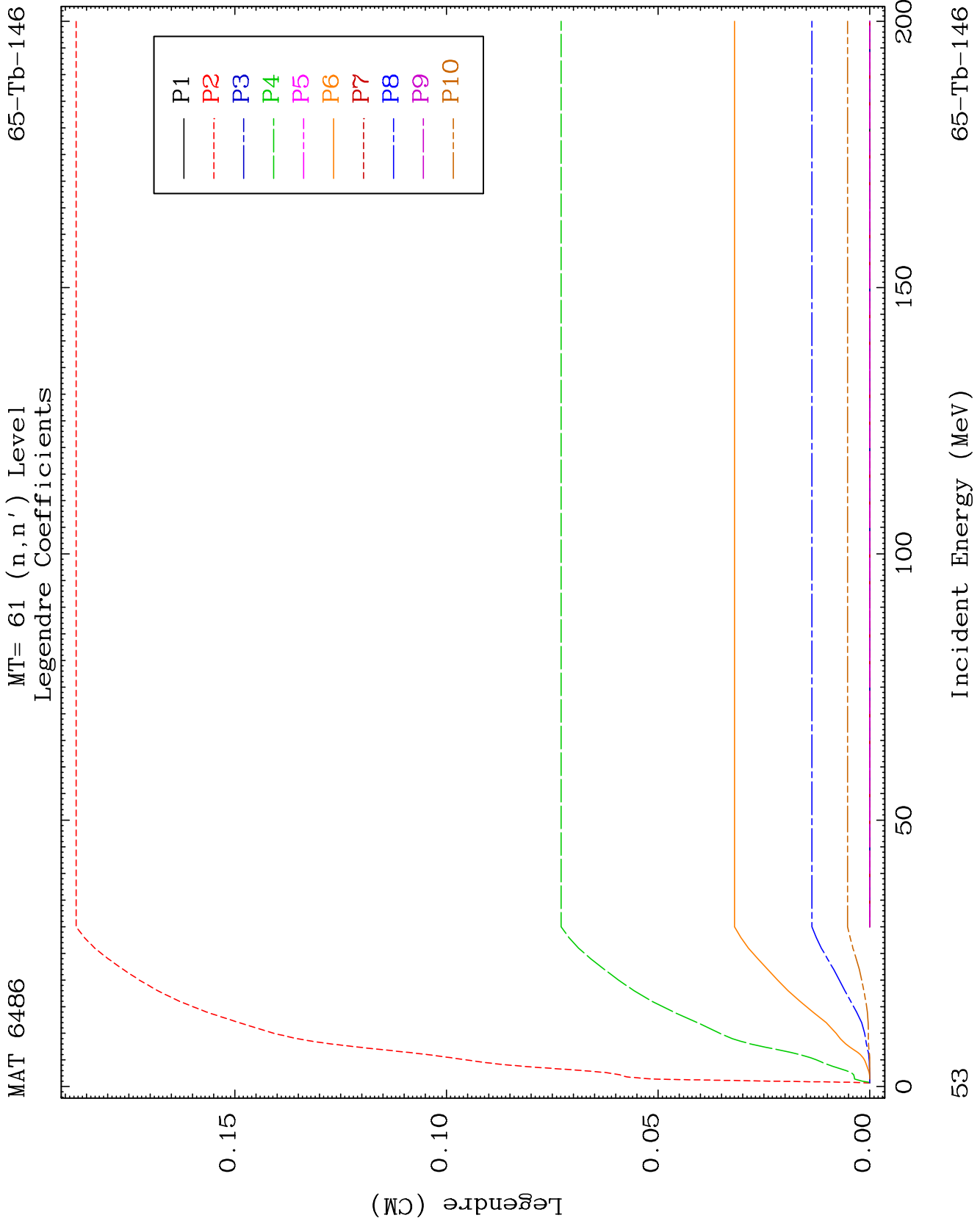
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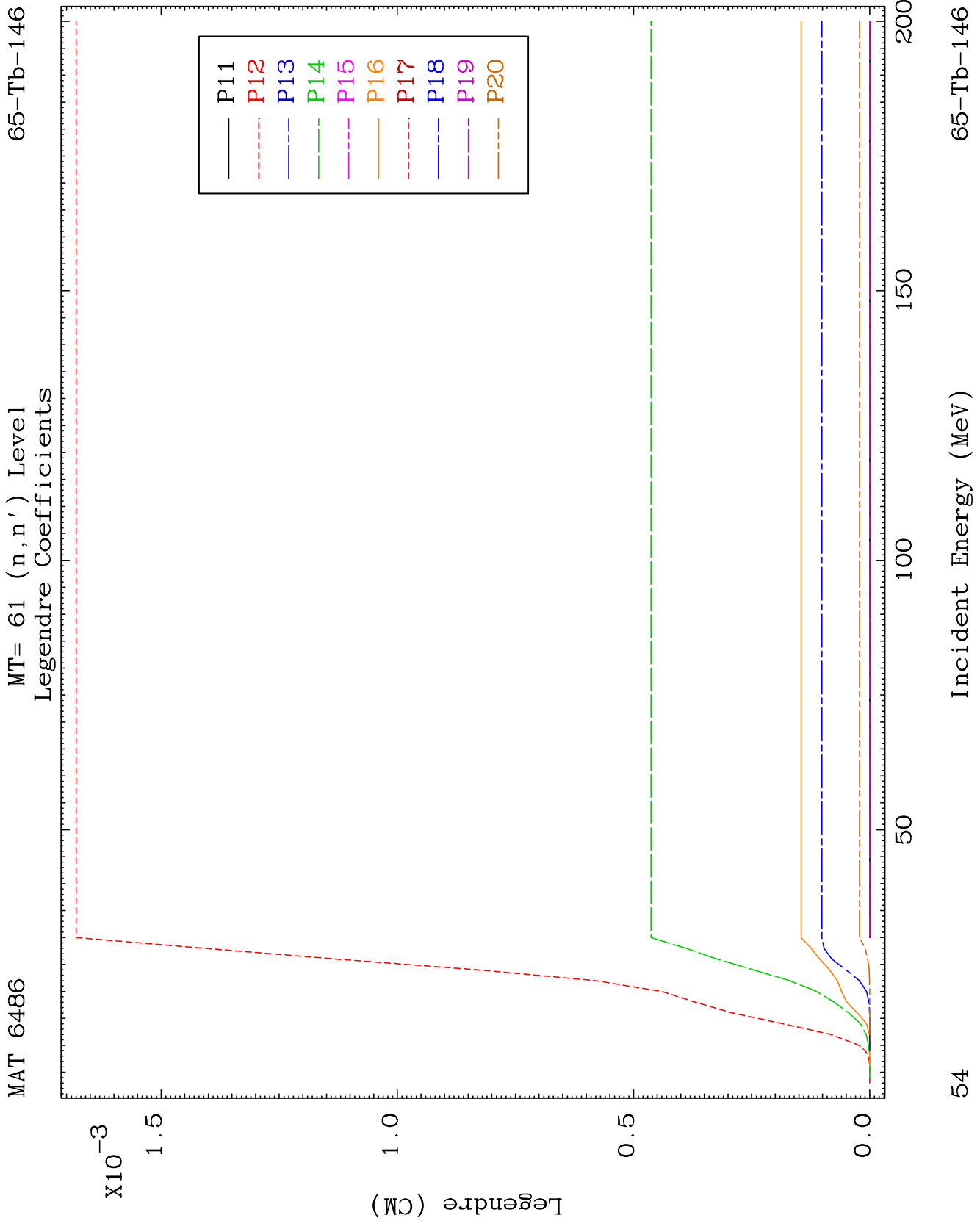


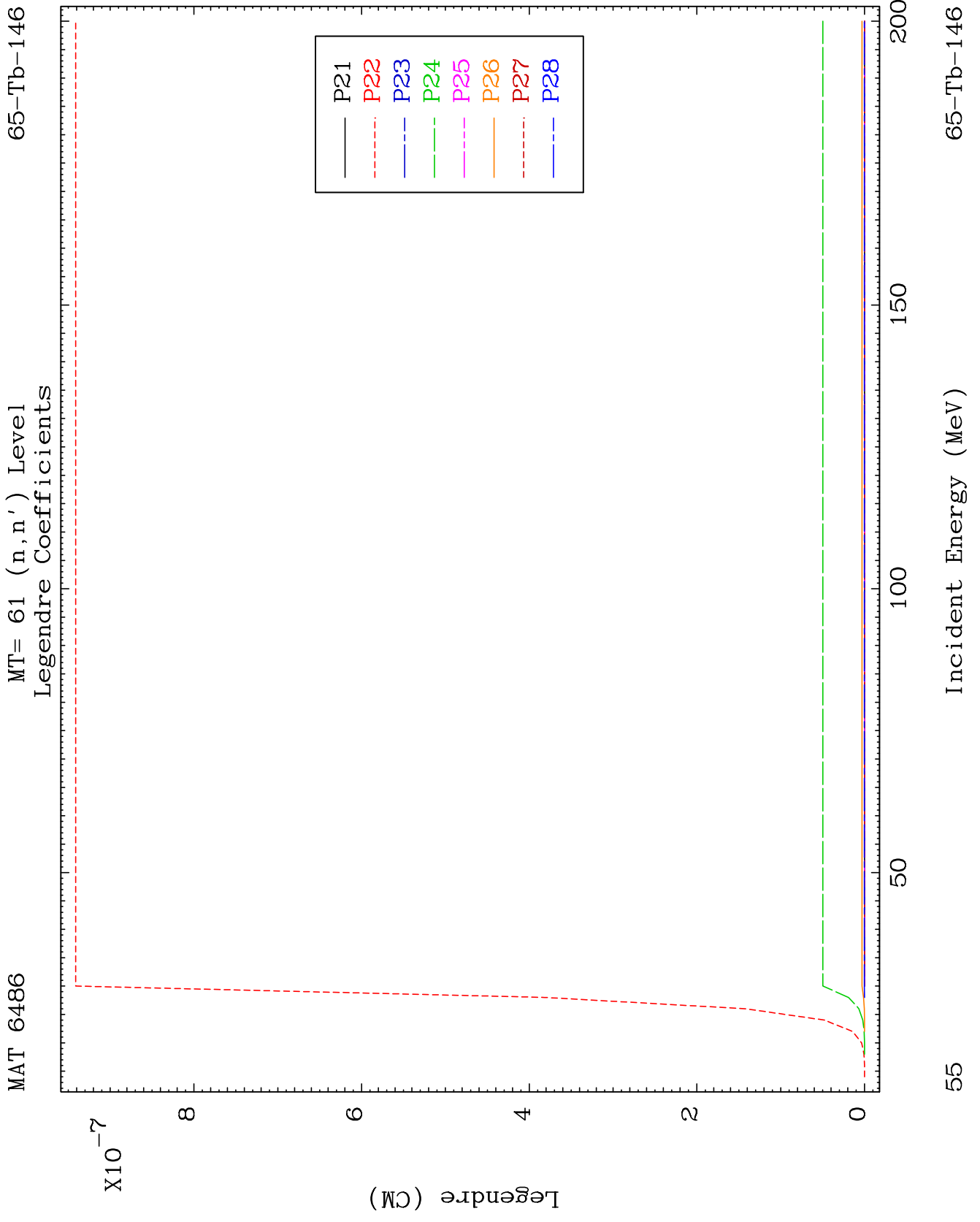








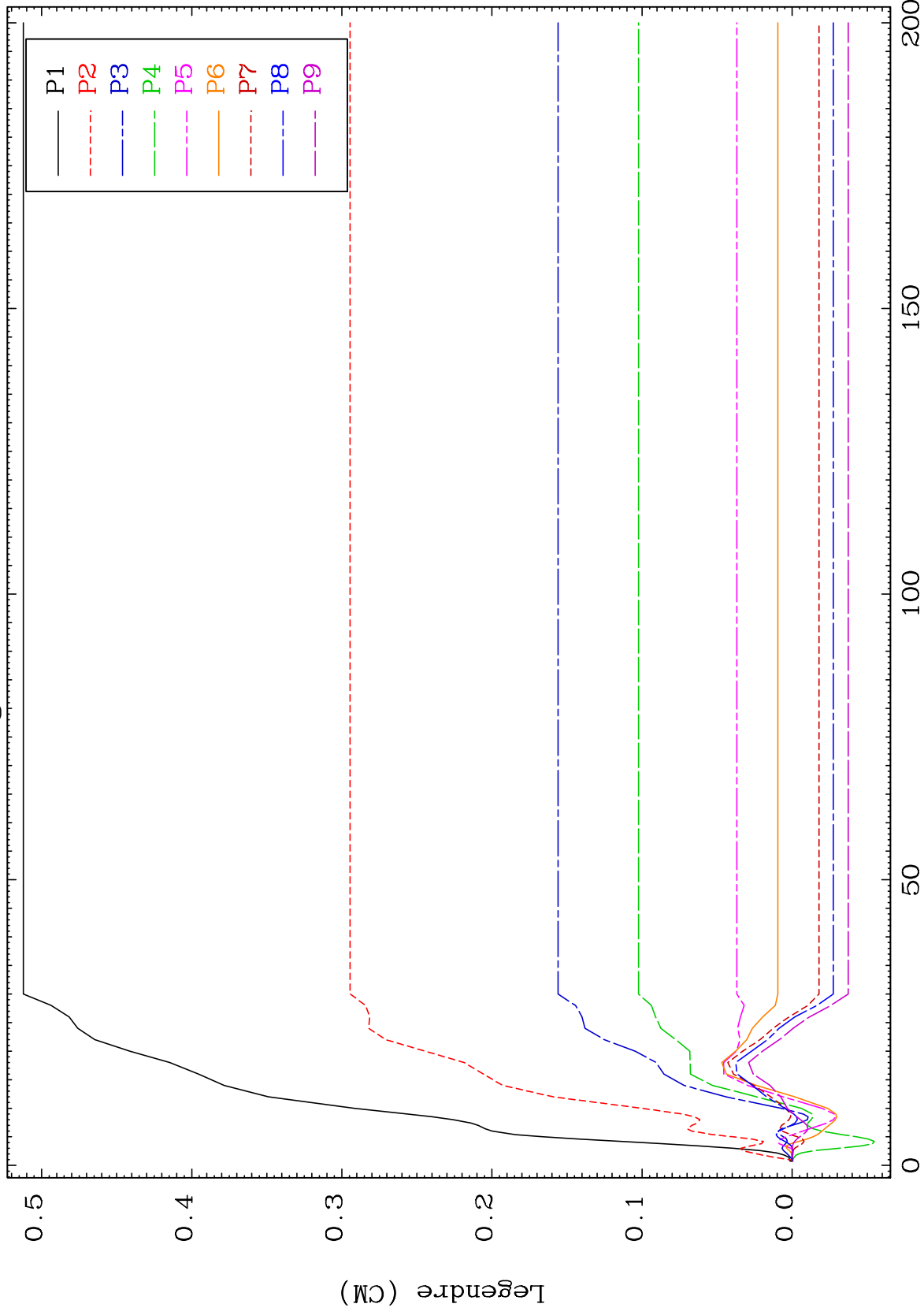




MAT 6486

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

65-Tb-146



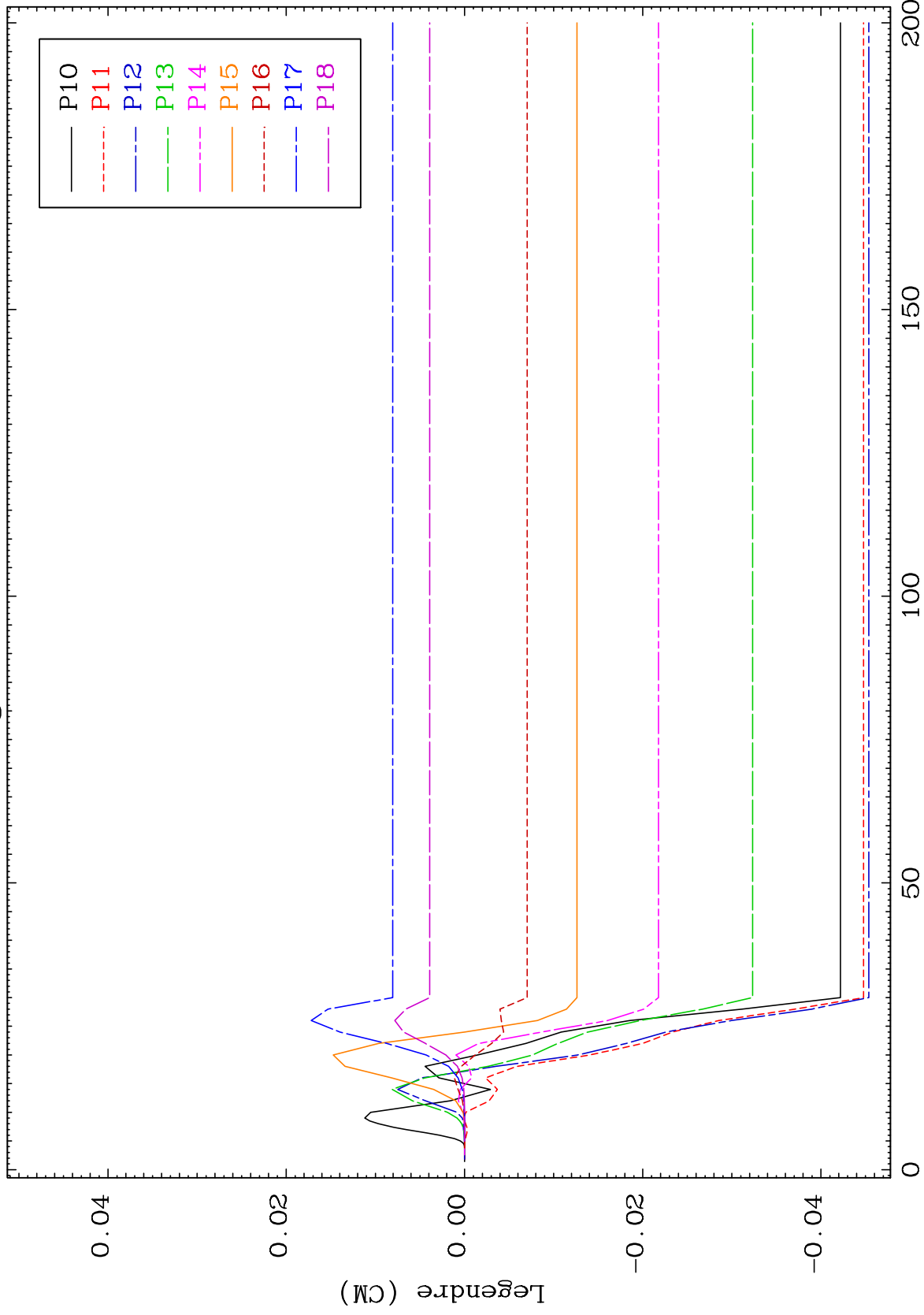
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65-Tb-146

MAT 6486

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

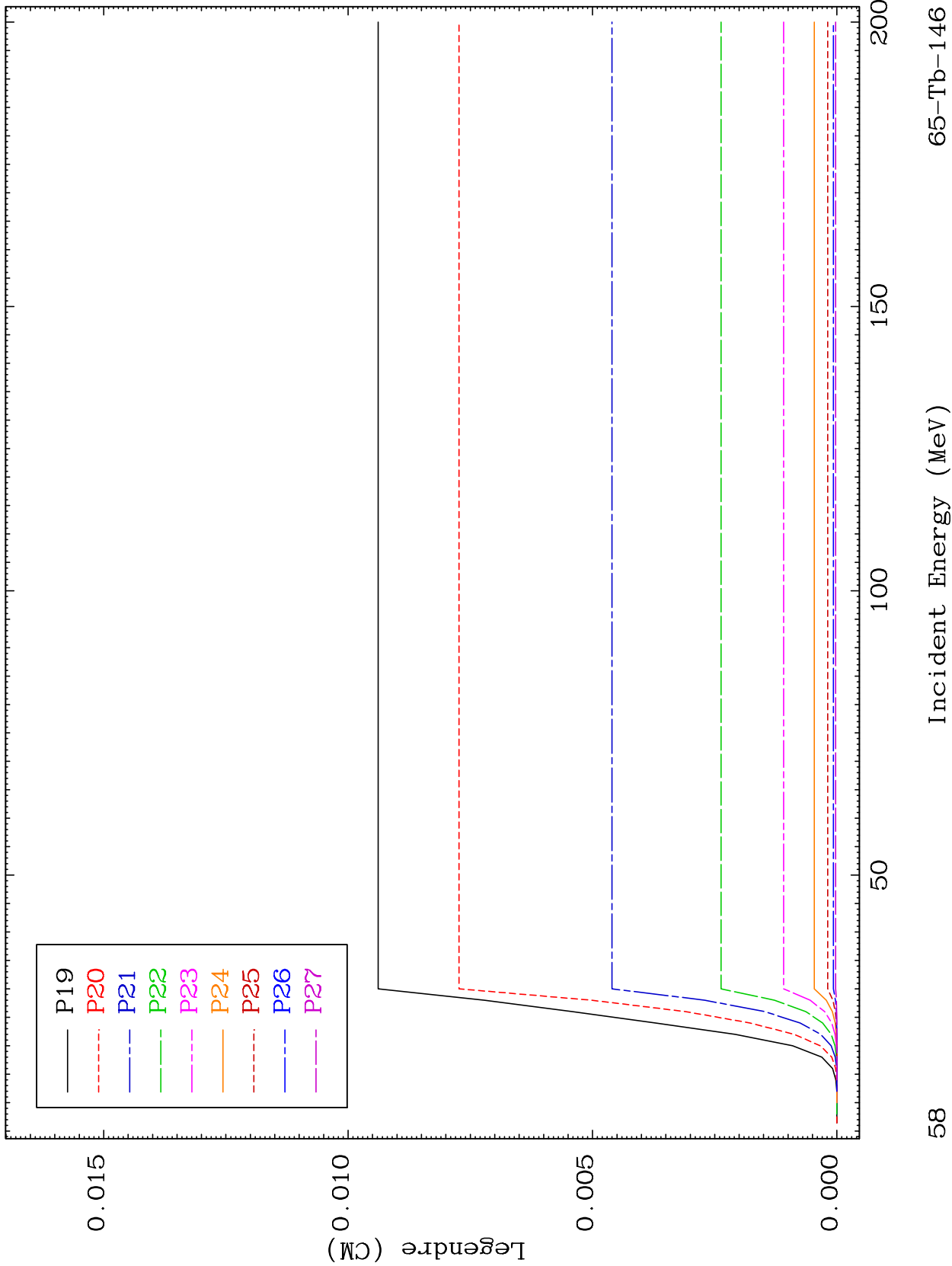
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57

Incident Energy (MeV)

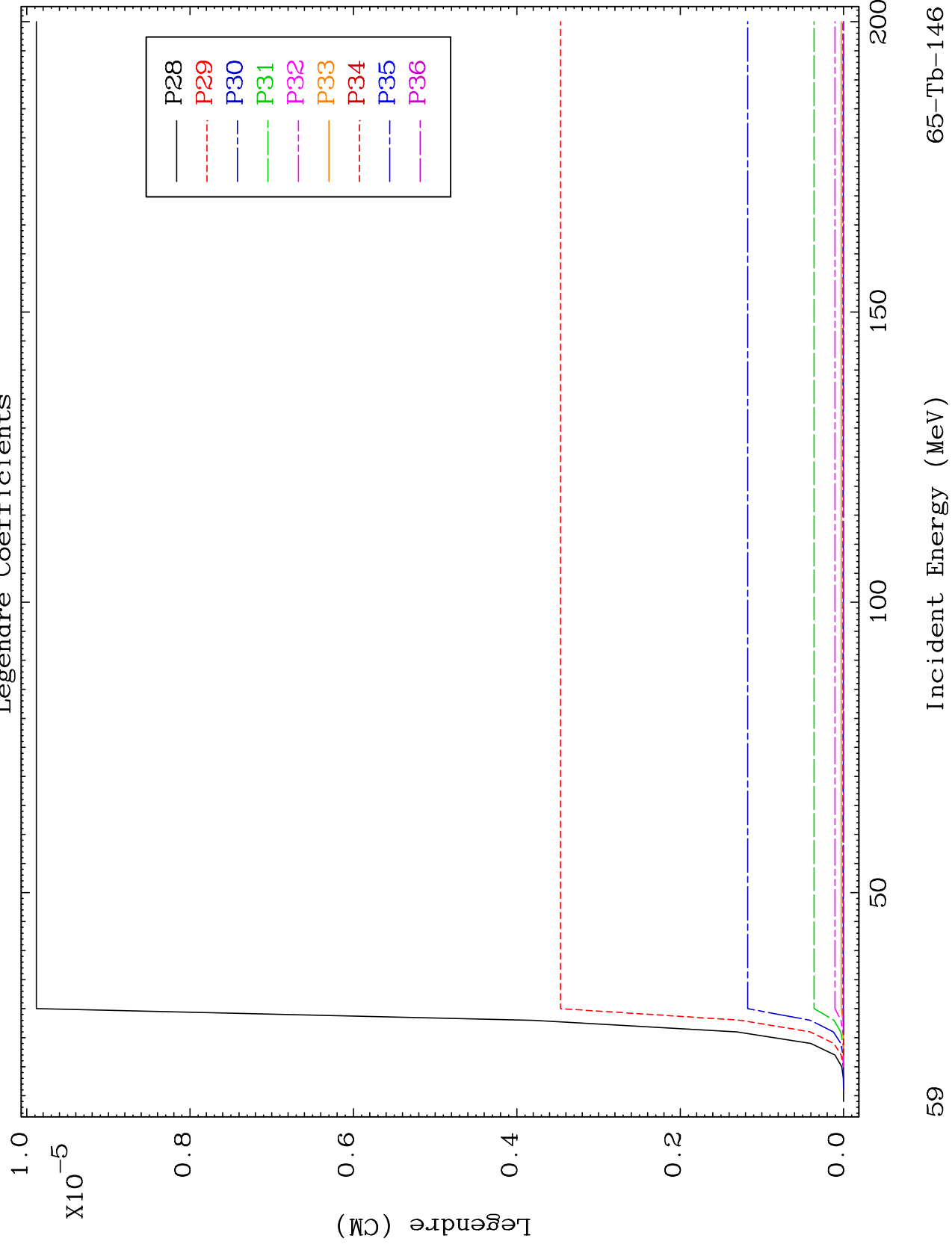
65-Tb-146



MAT 6486

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

65-Tb-146



59

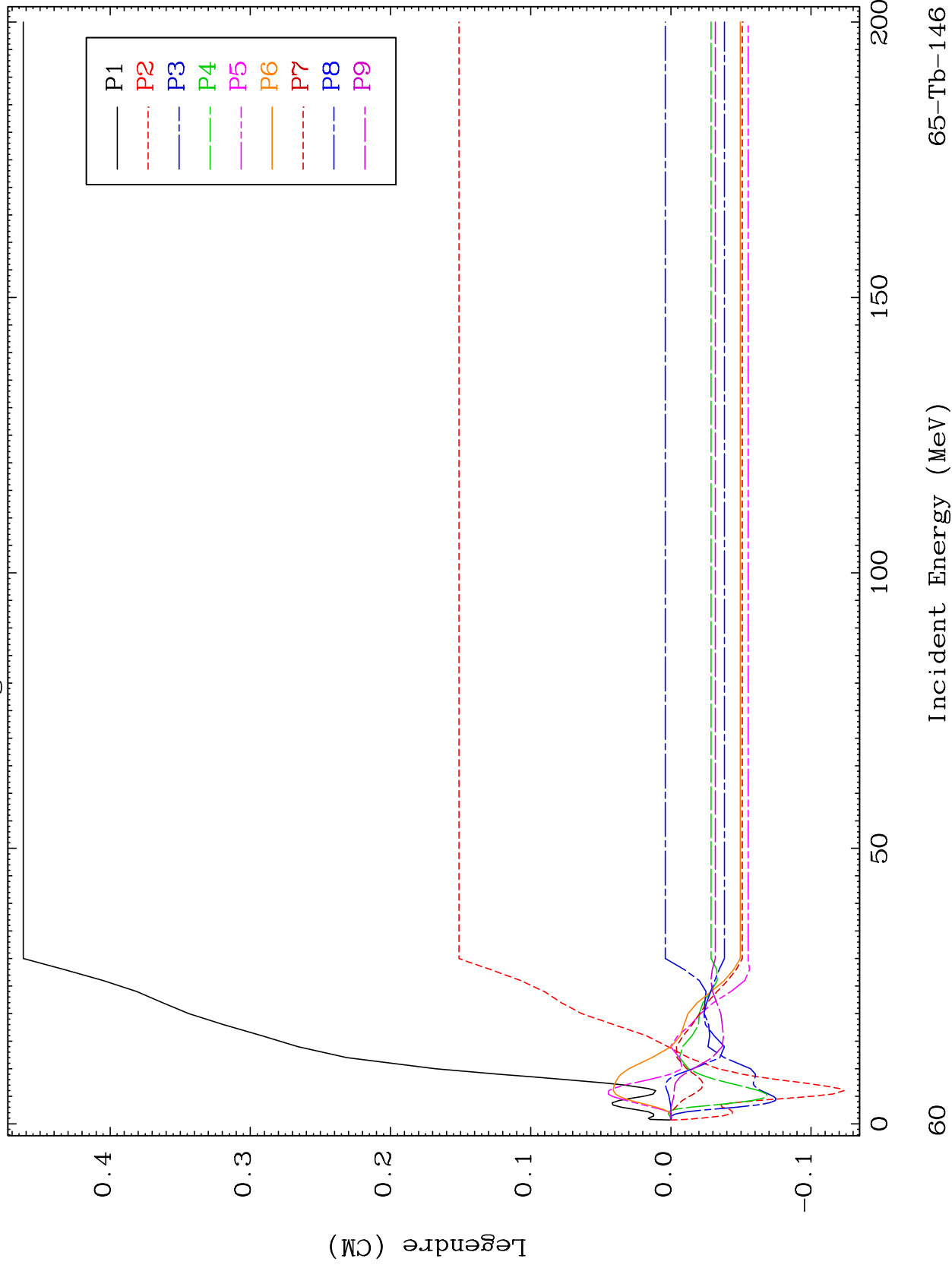
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

65-Tb-146



65-Tb-146

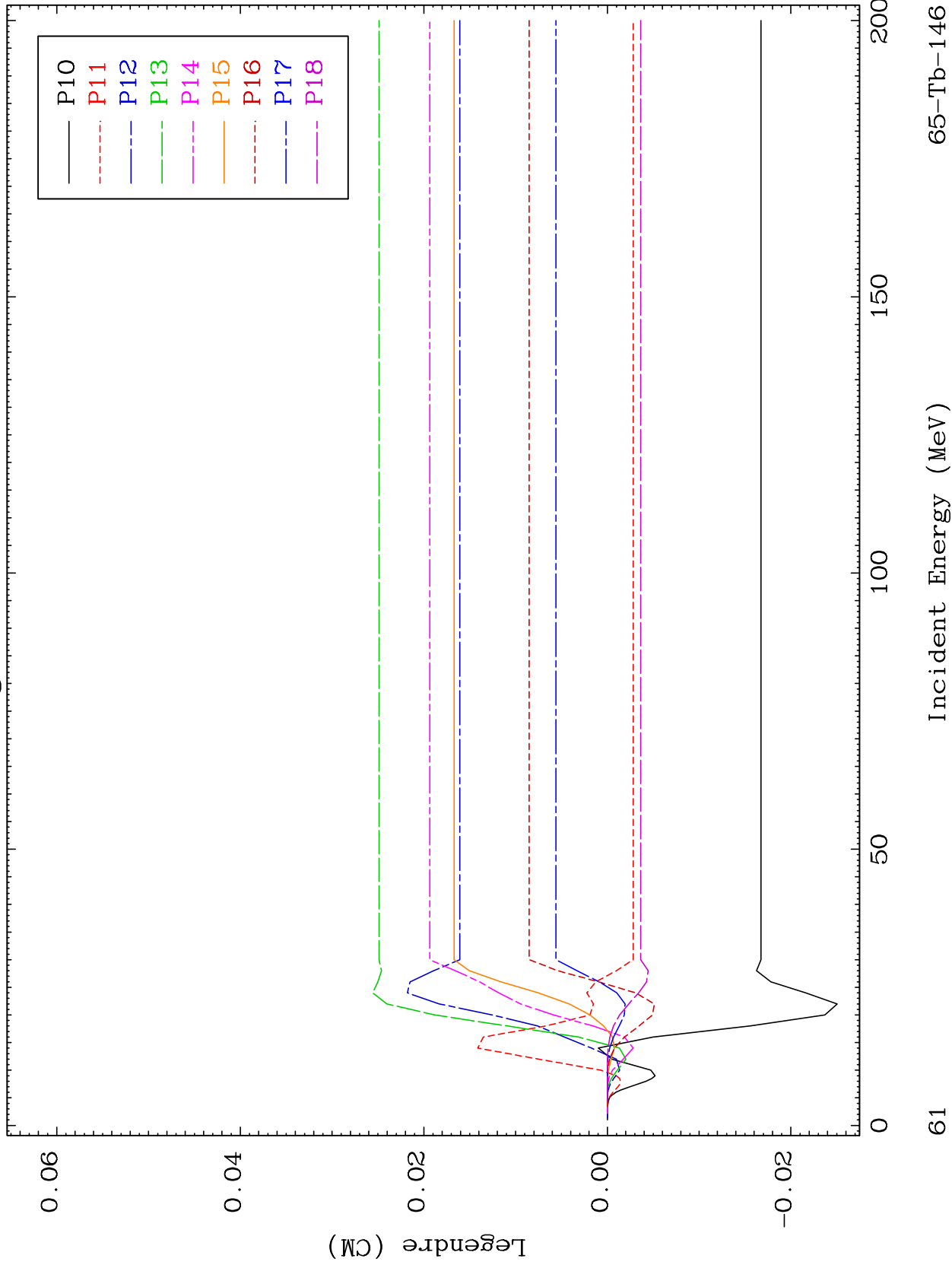
Incident Energy (MeV)

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MAT 6486

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

65-Tb-146



65-Tb-146

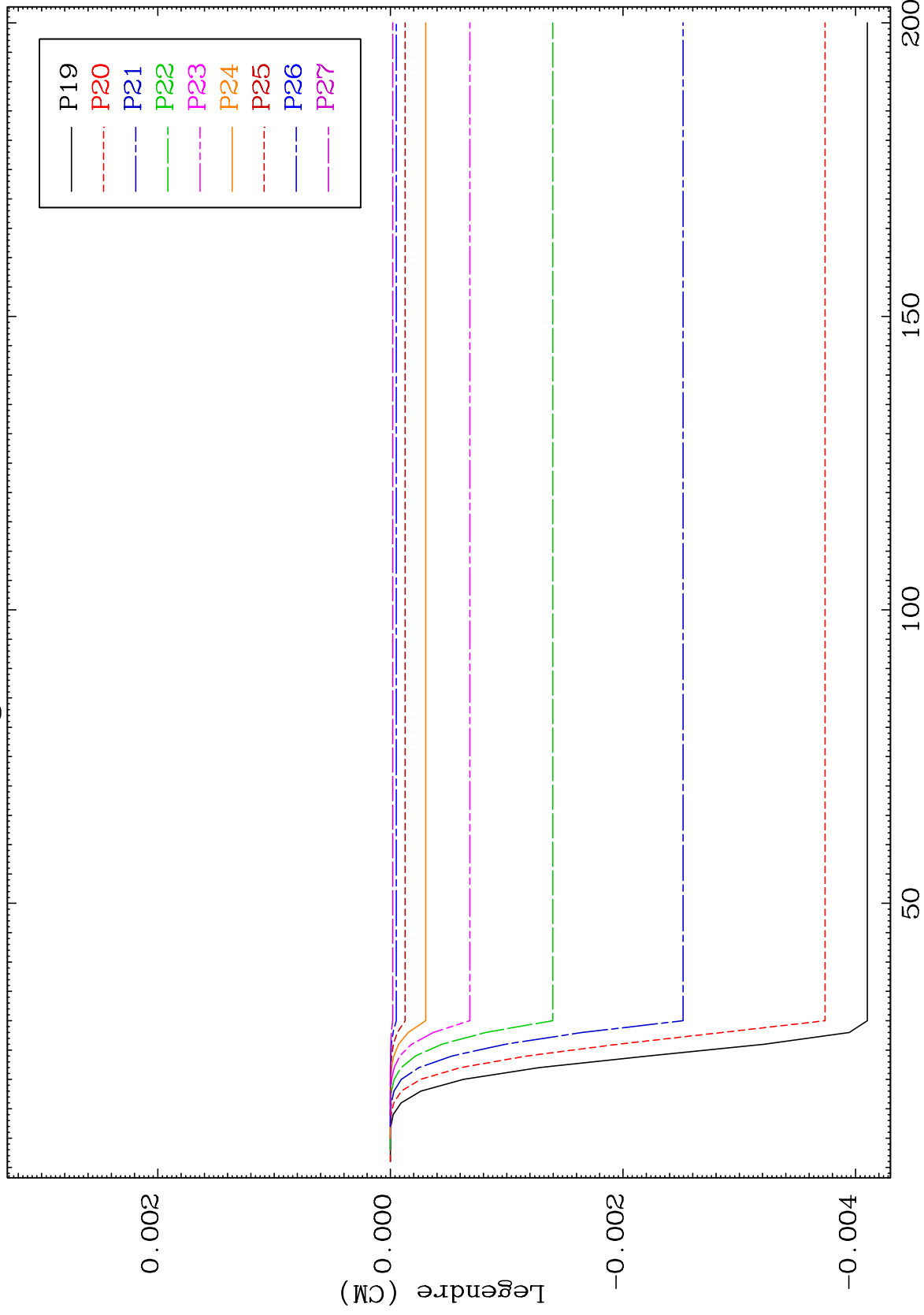
Incident Energy (MeV)

61

MAT 6486

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

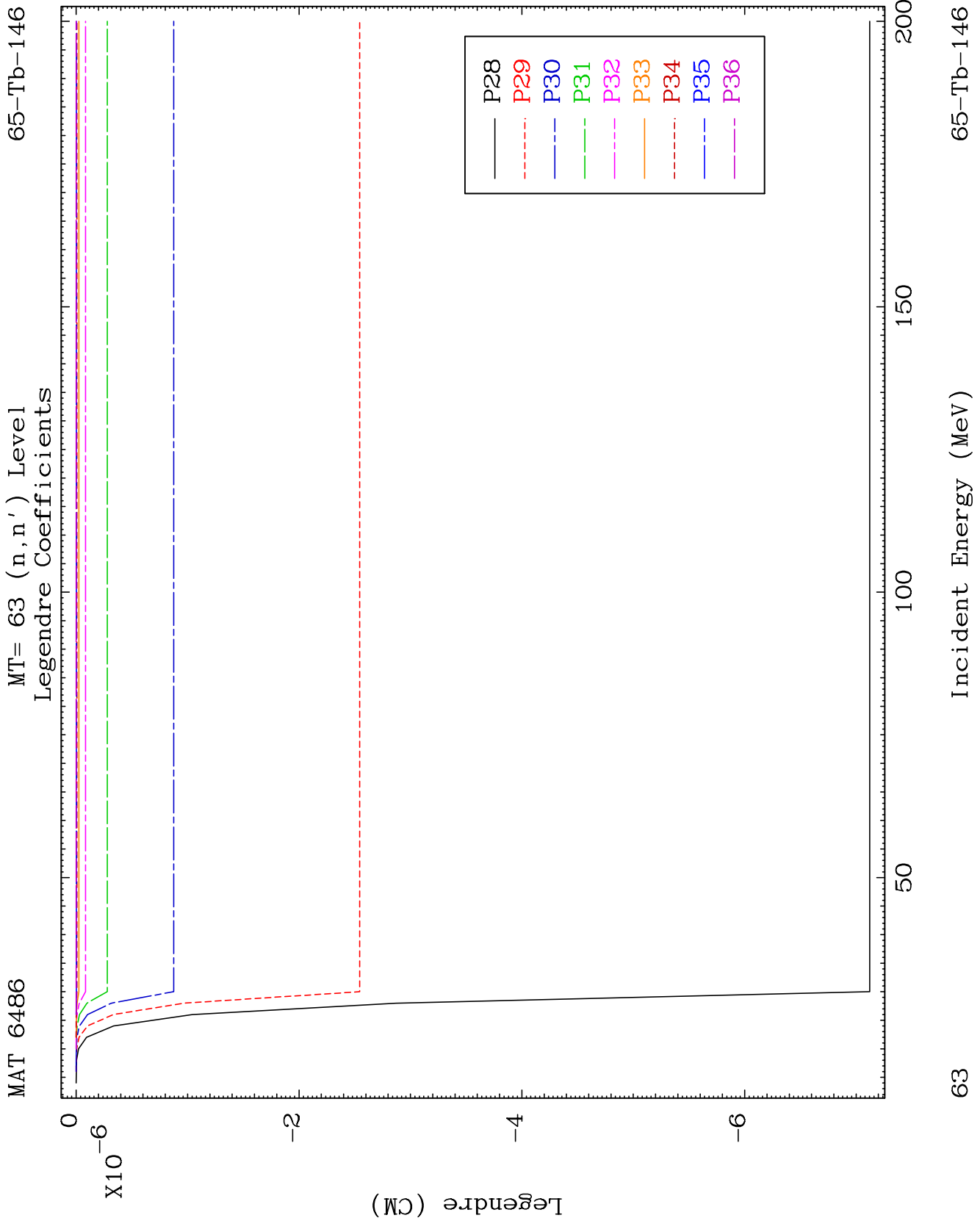
65-Tb-146



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Incident Energy (MeV)

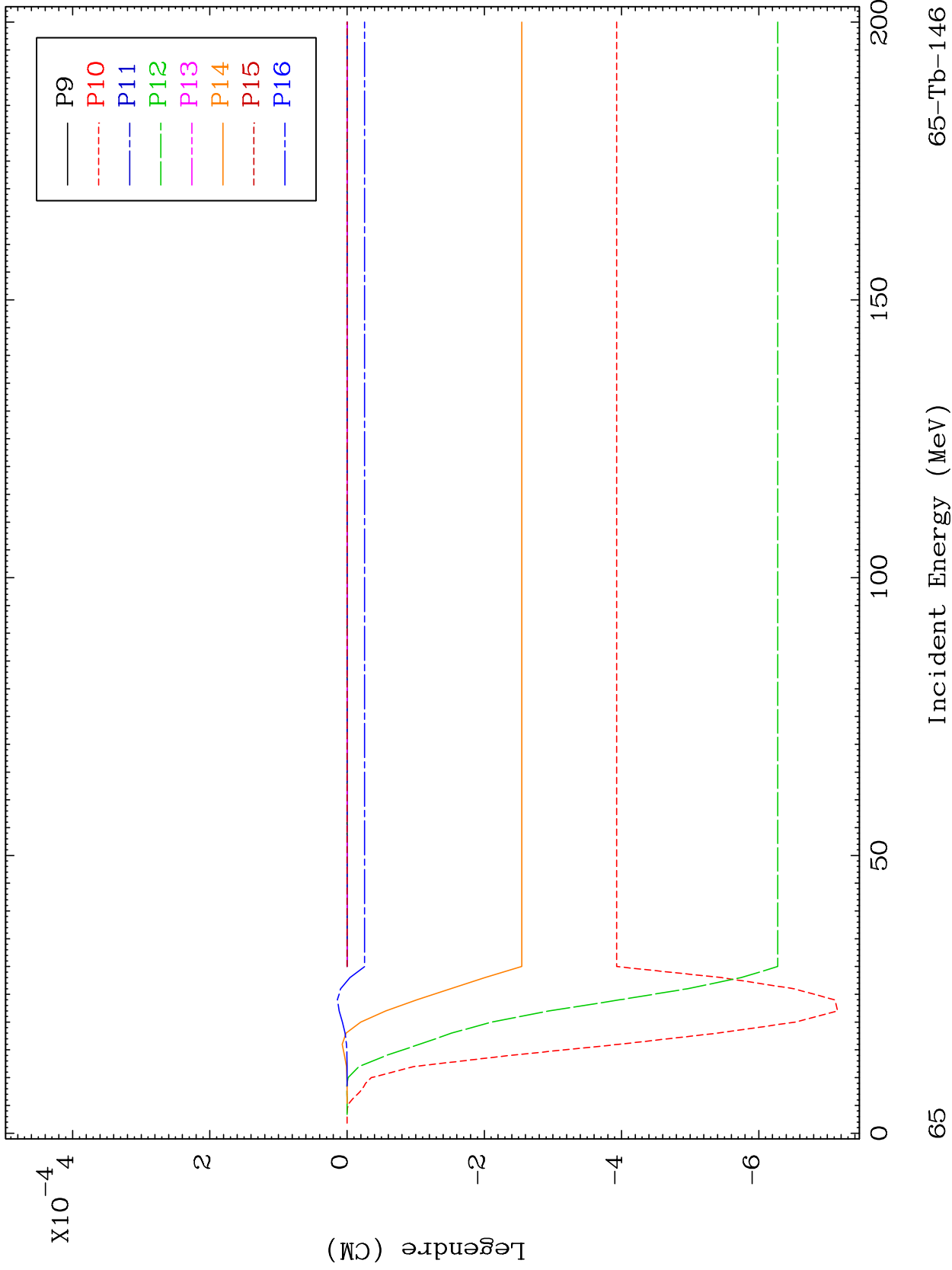
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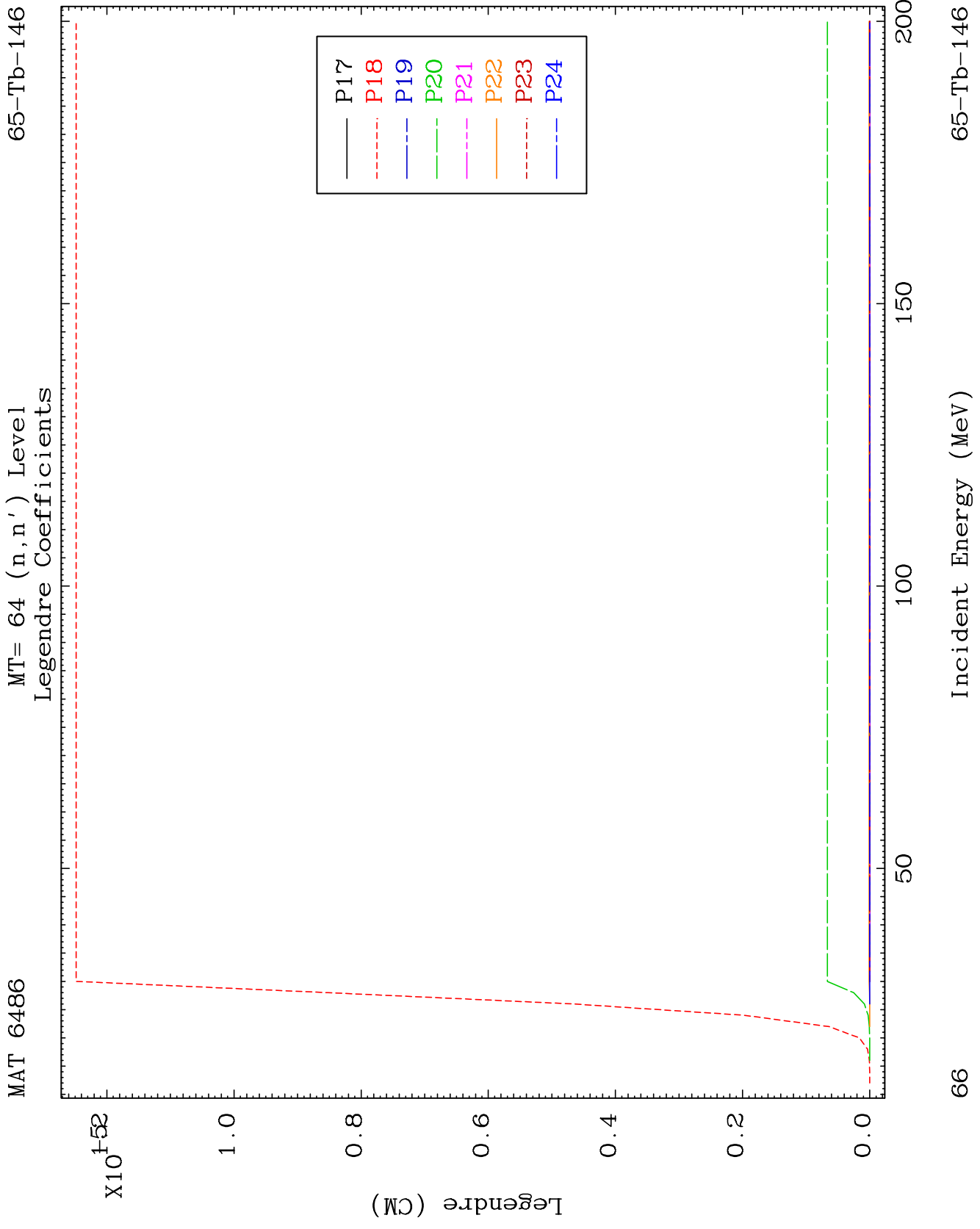


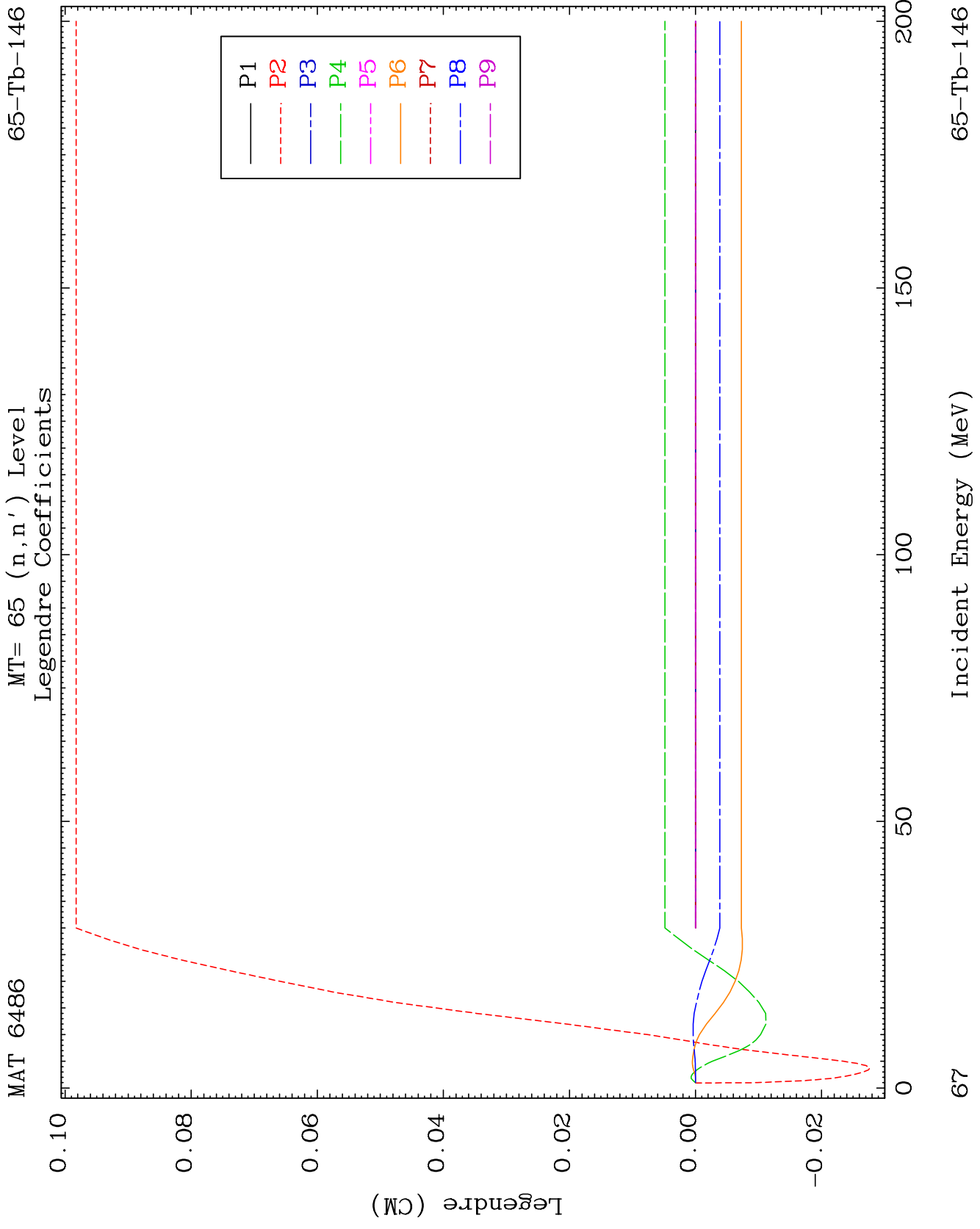
MAT 6486

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

65-Tb-146



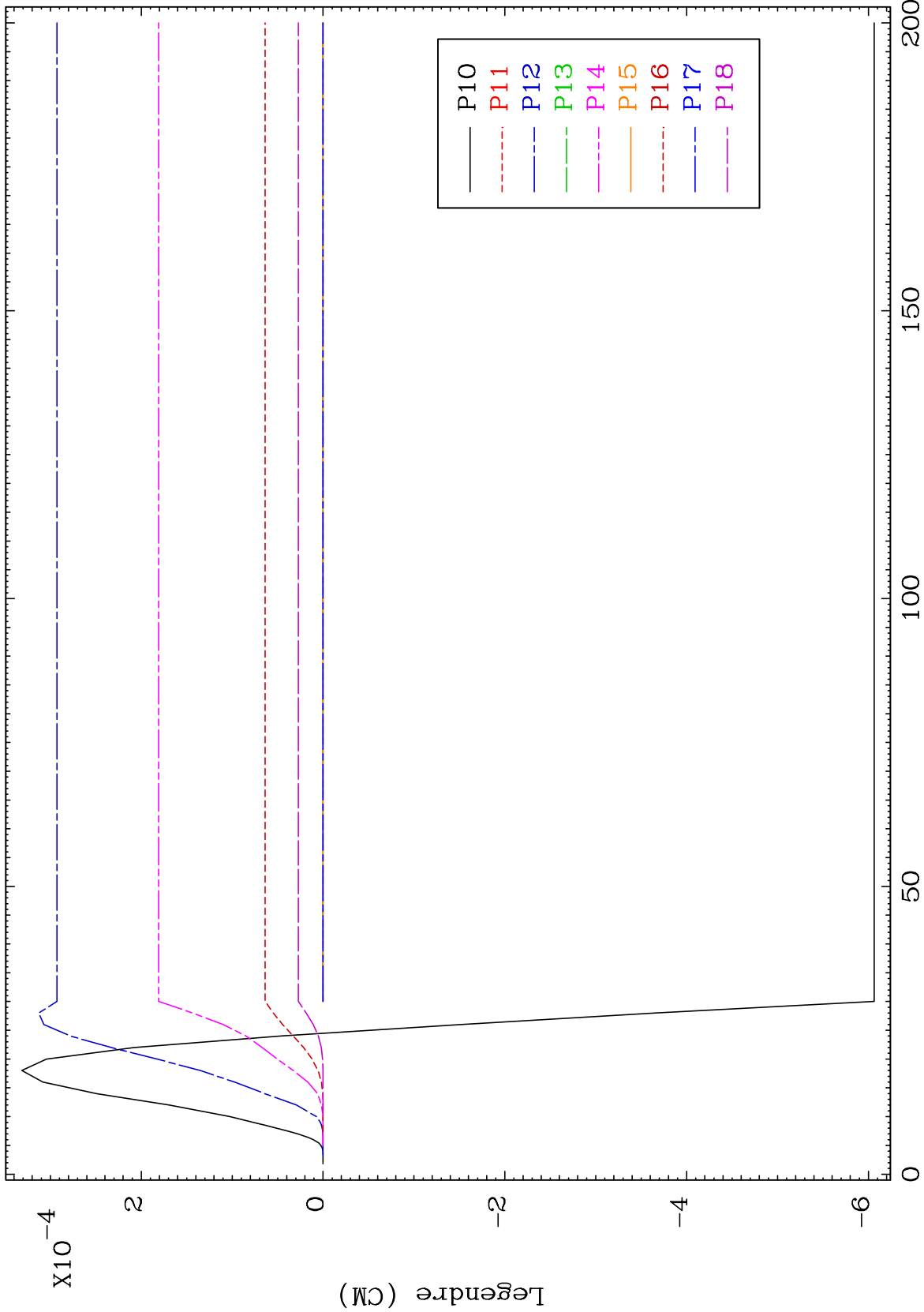




MAT 6486

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

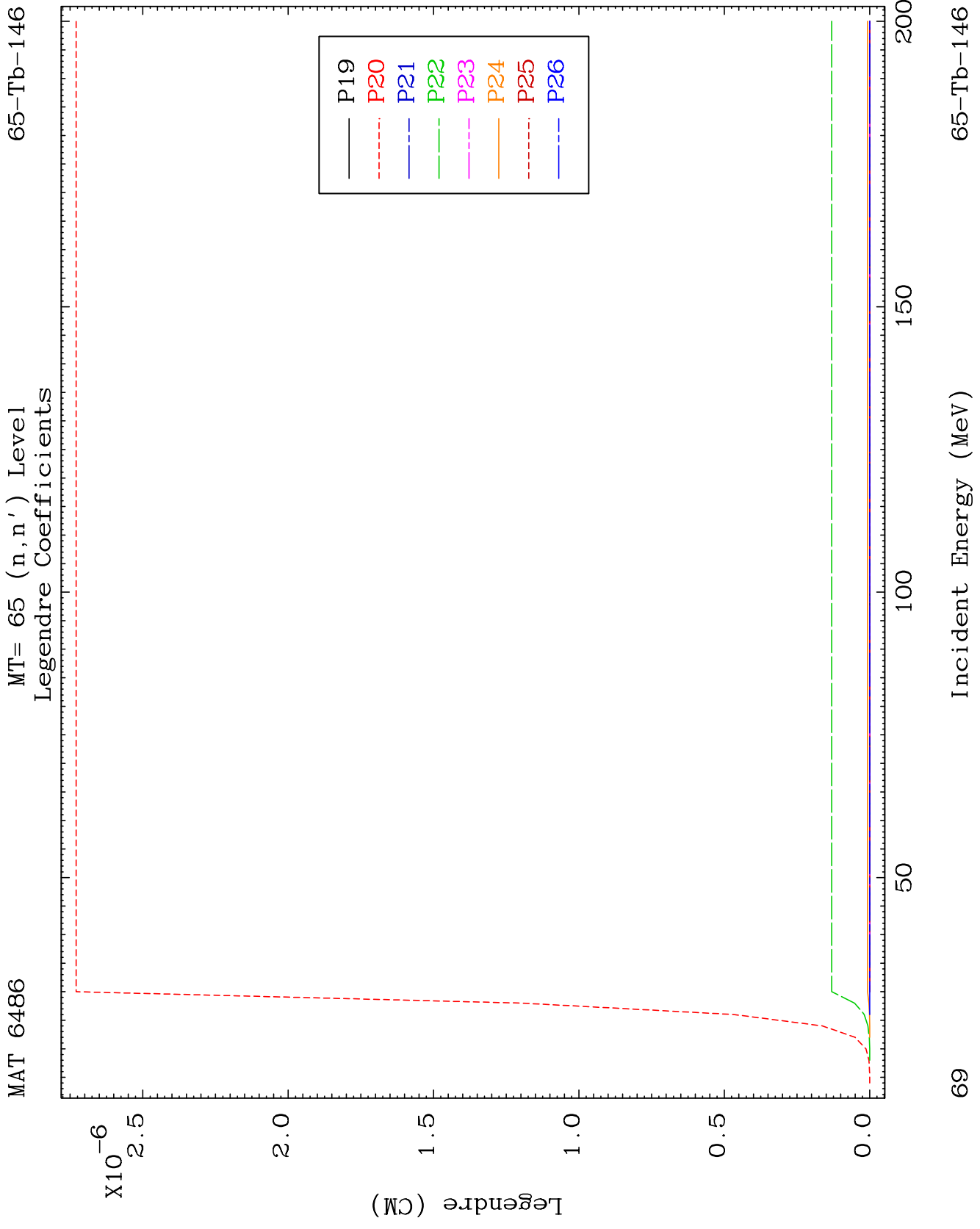
65-Tb-146



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Incident Energy (MeV)

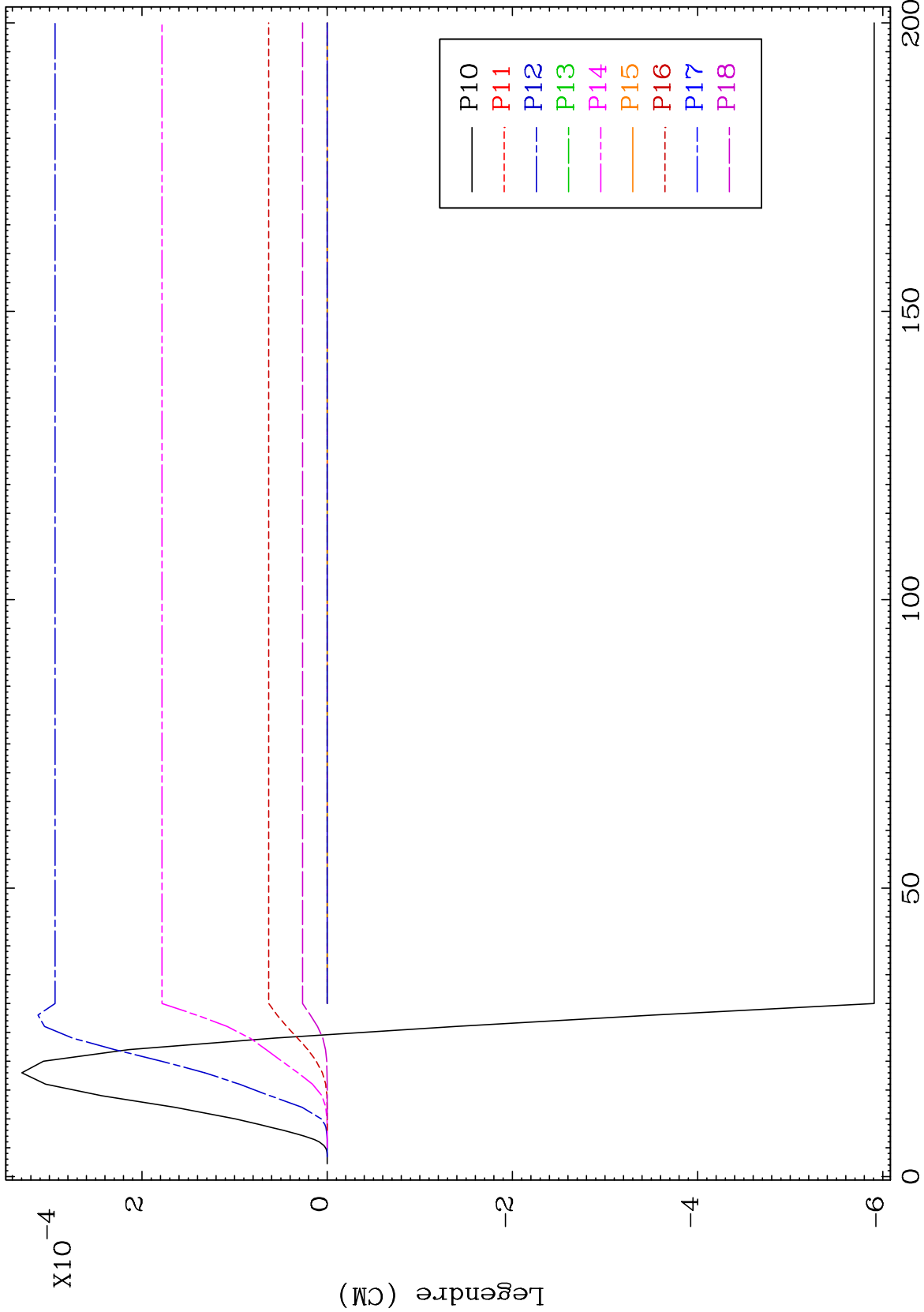
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MAT 6486

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

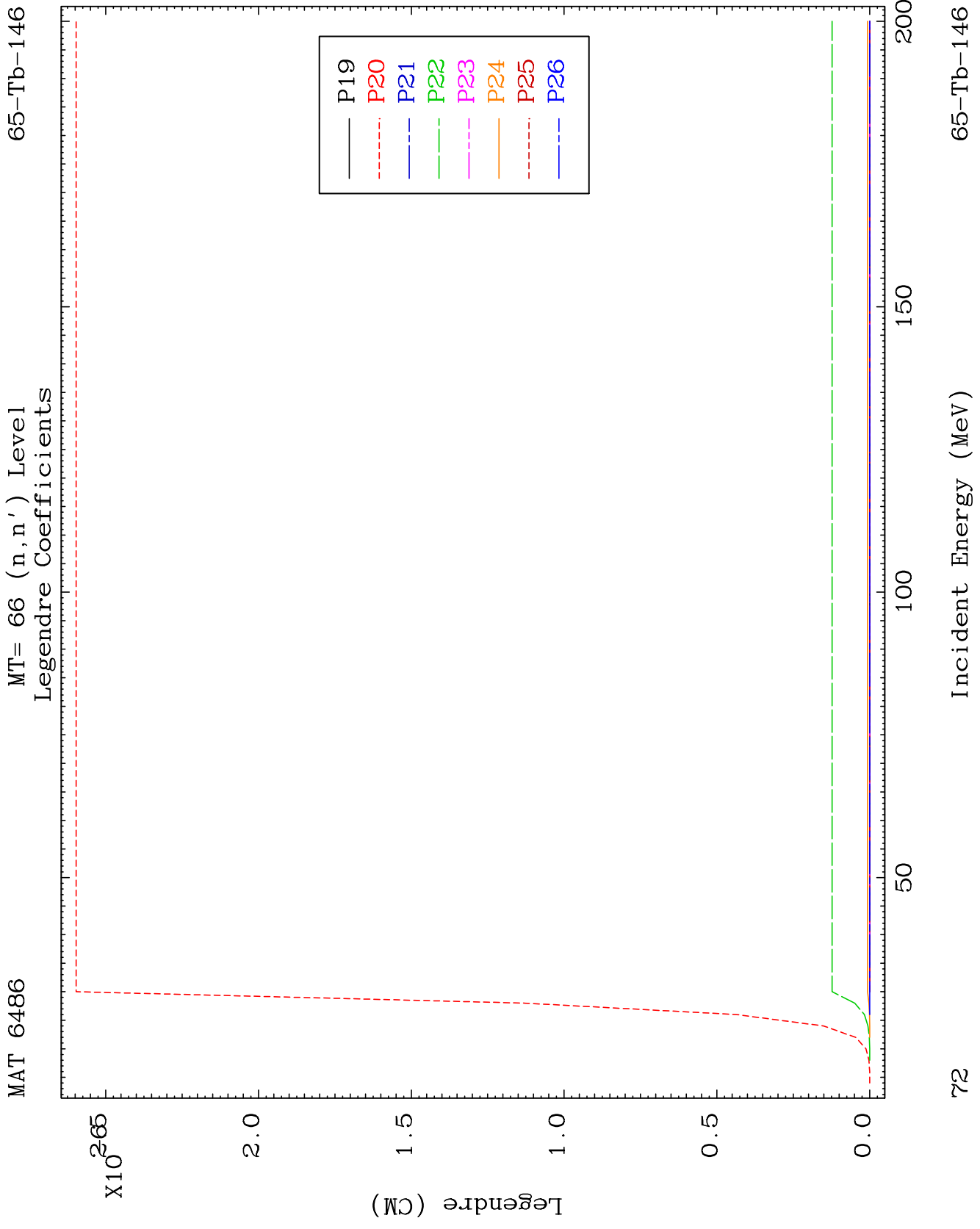
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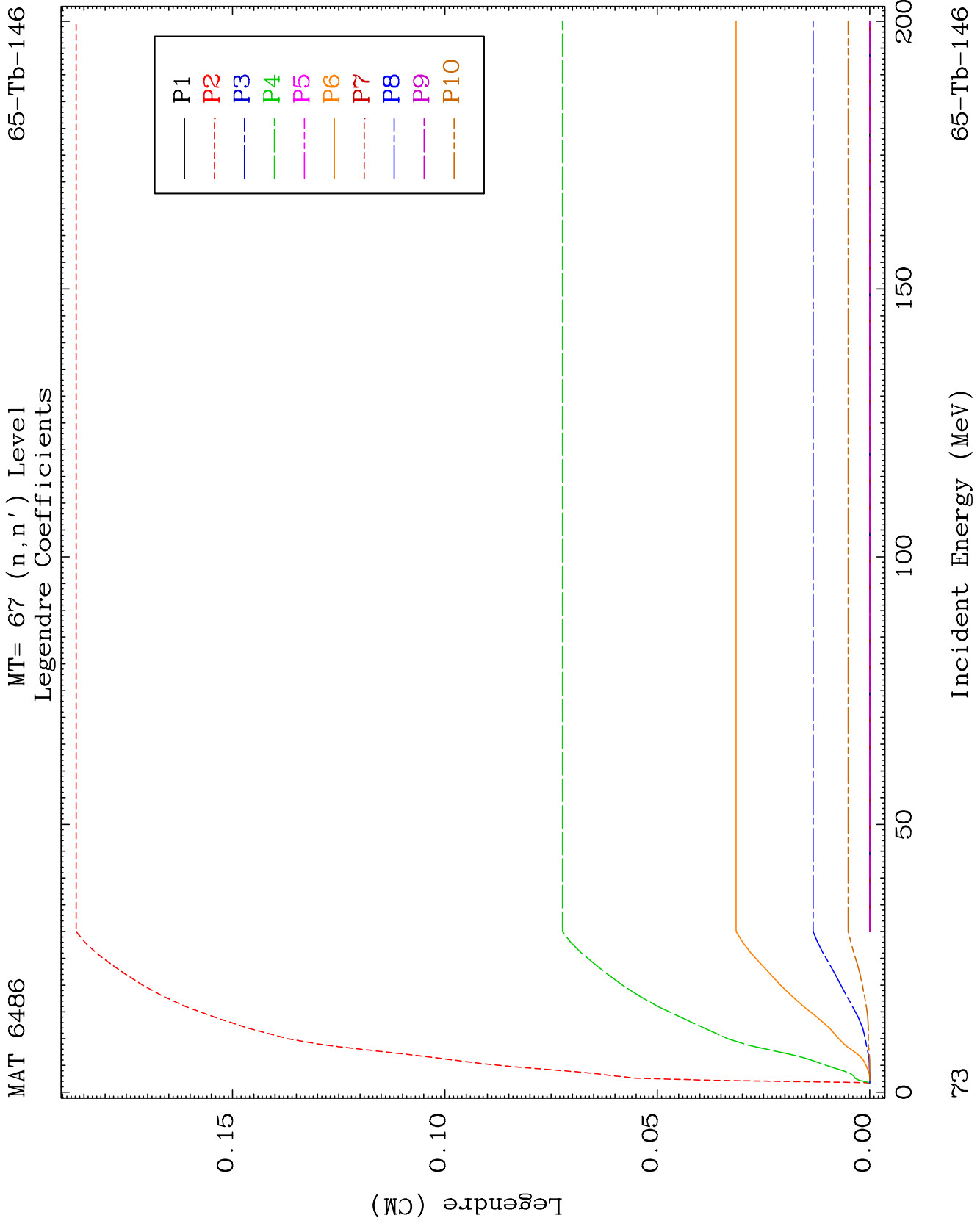


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Incident Energy (MeV)

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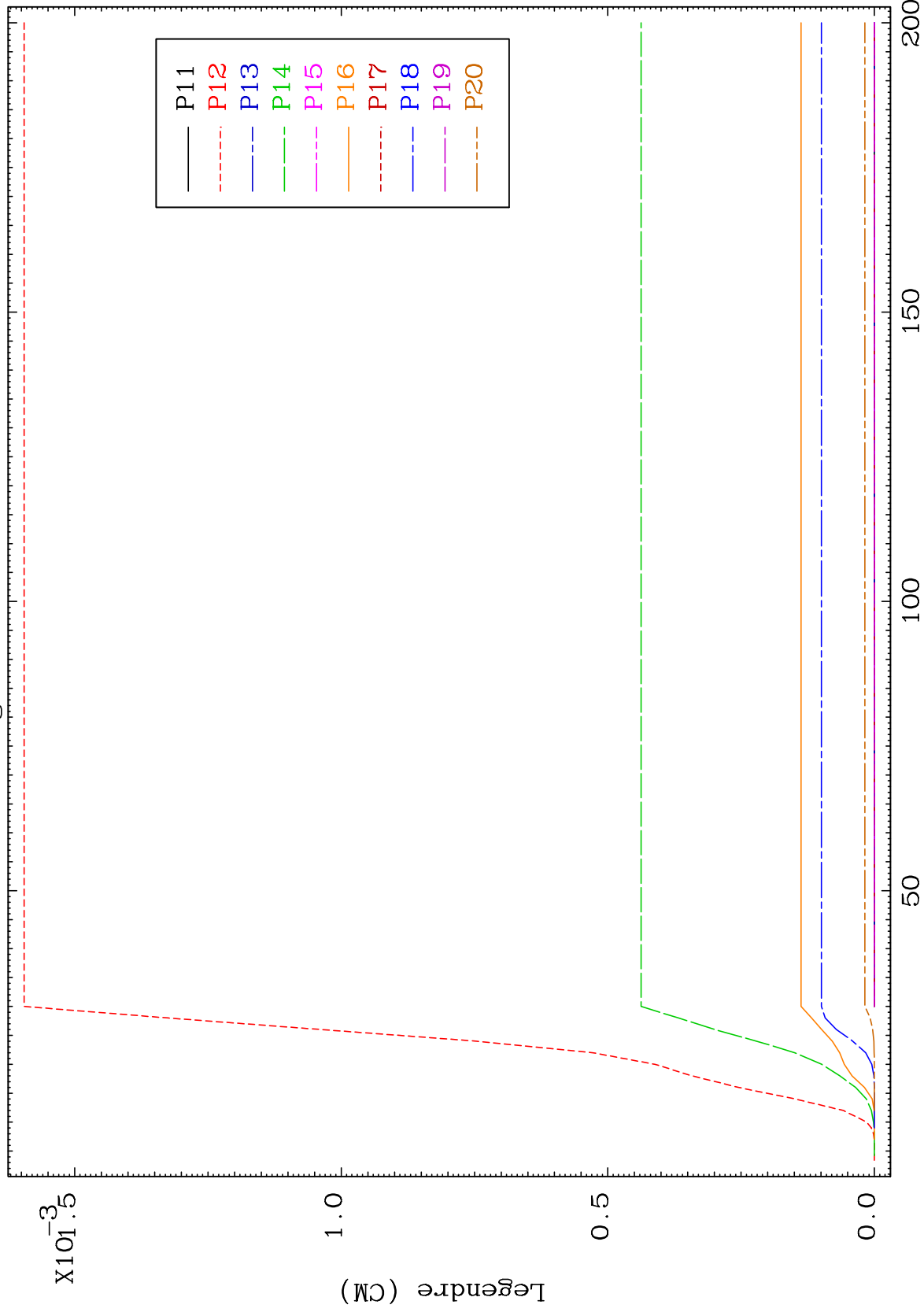




MAT 6486

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

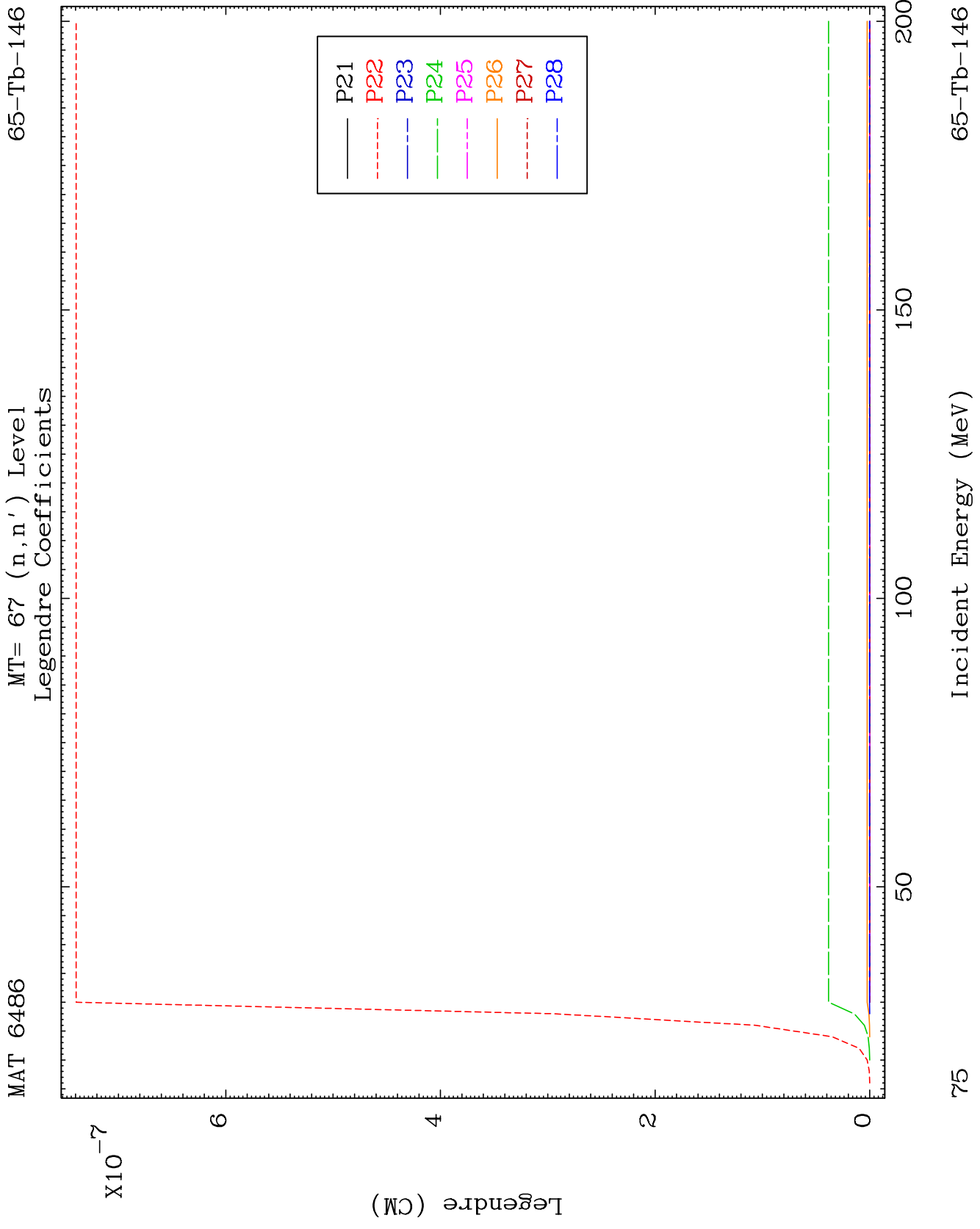
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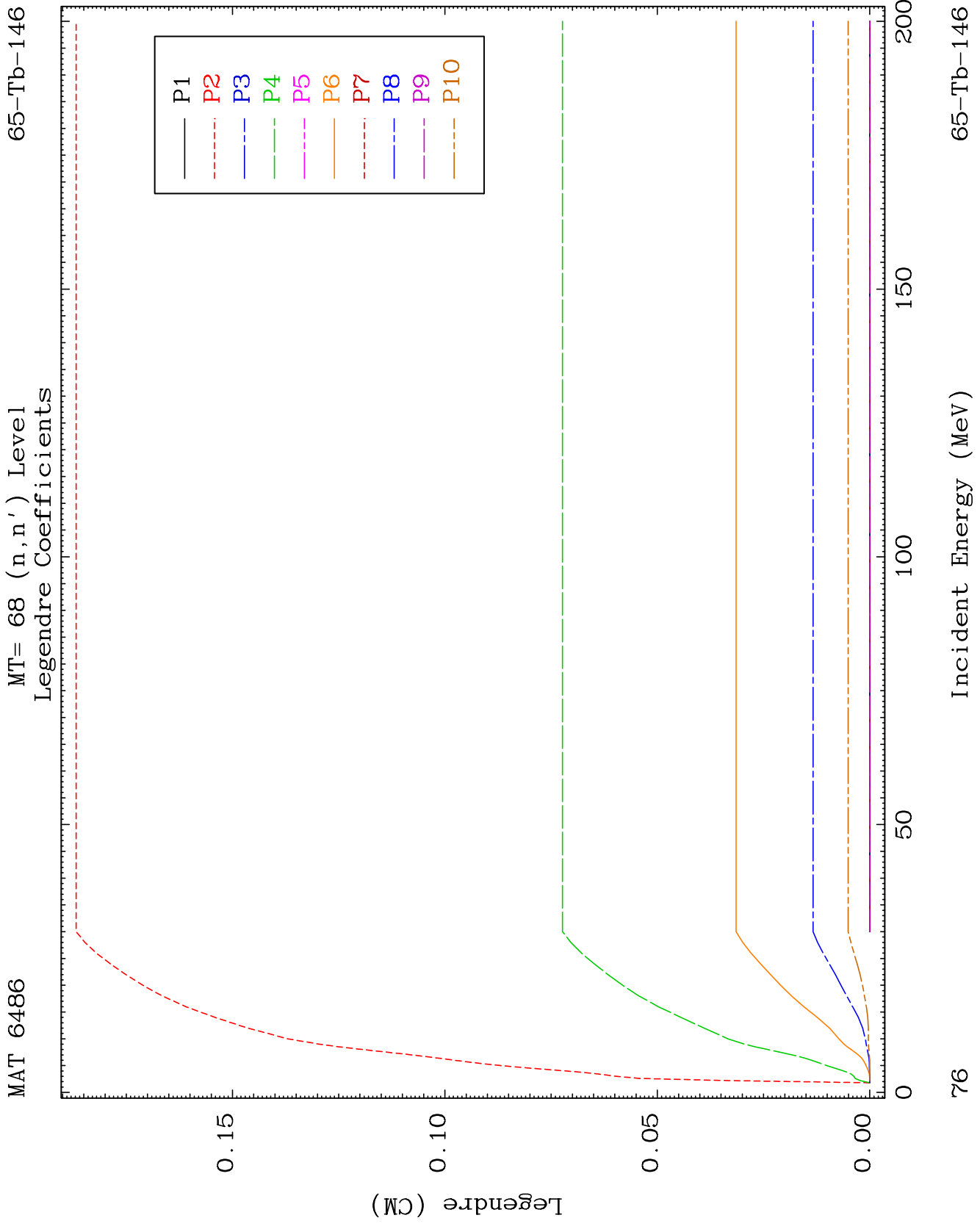


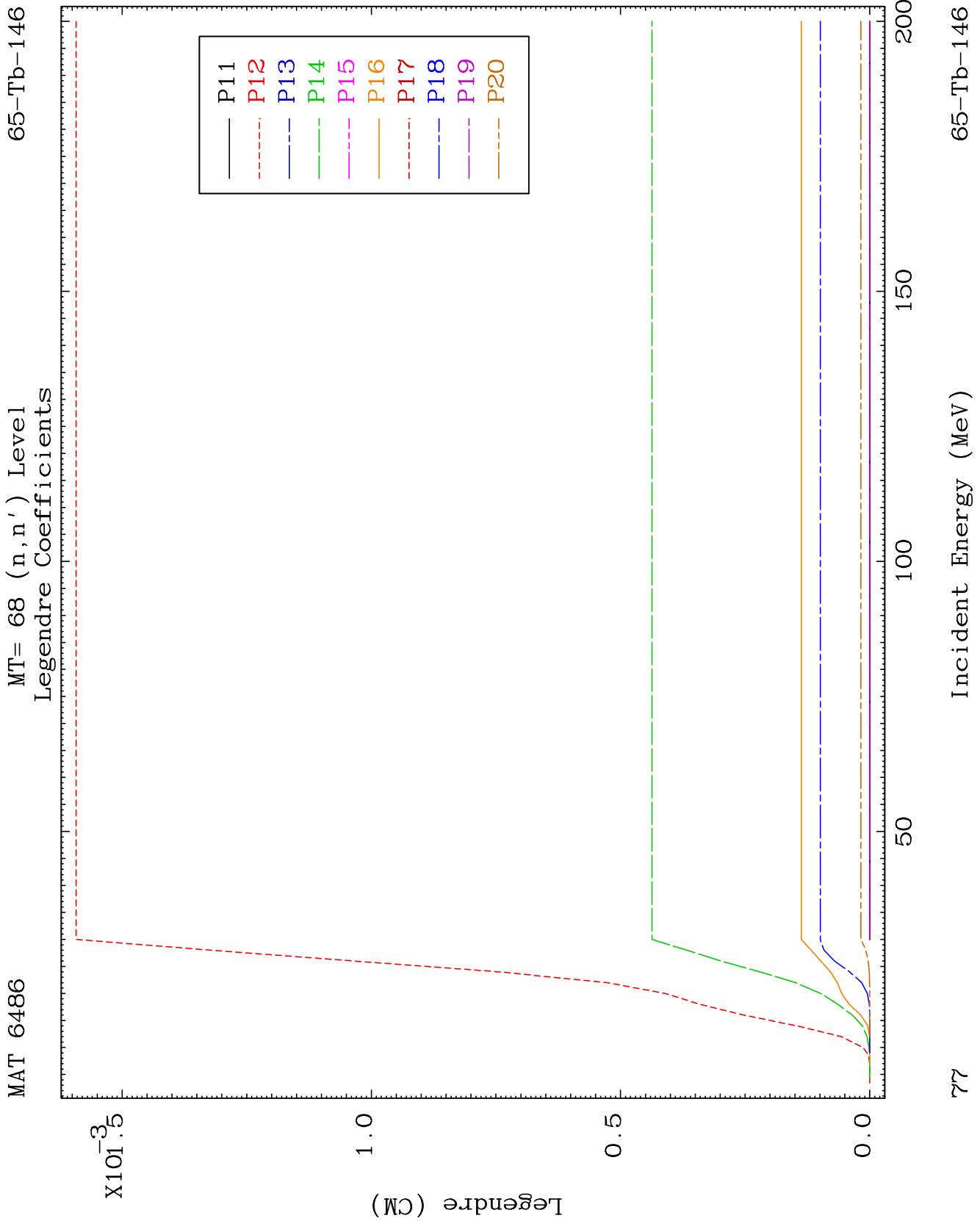
74

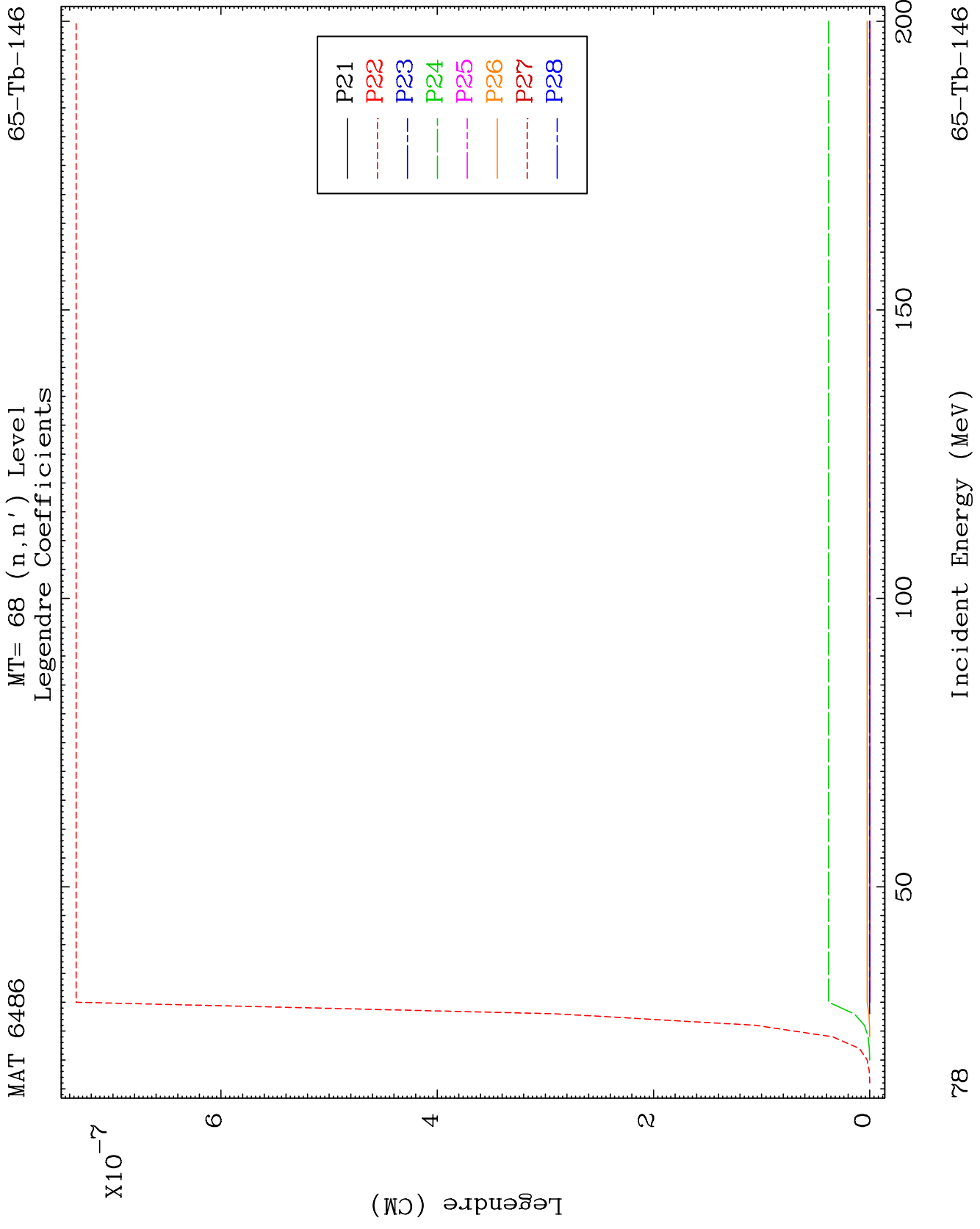
Incident Energy (MeV)

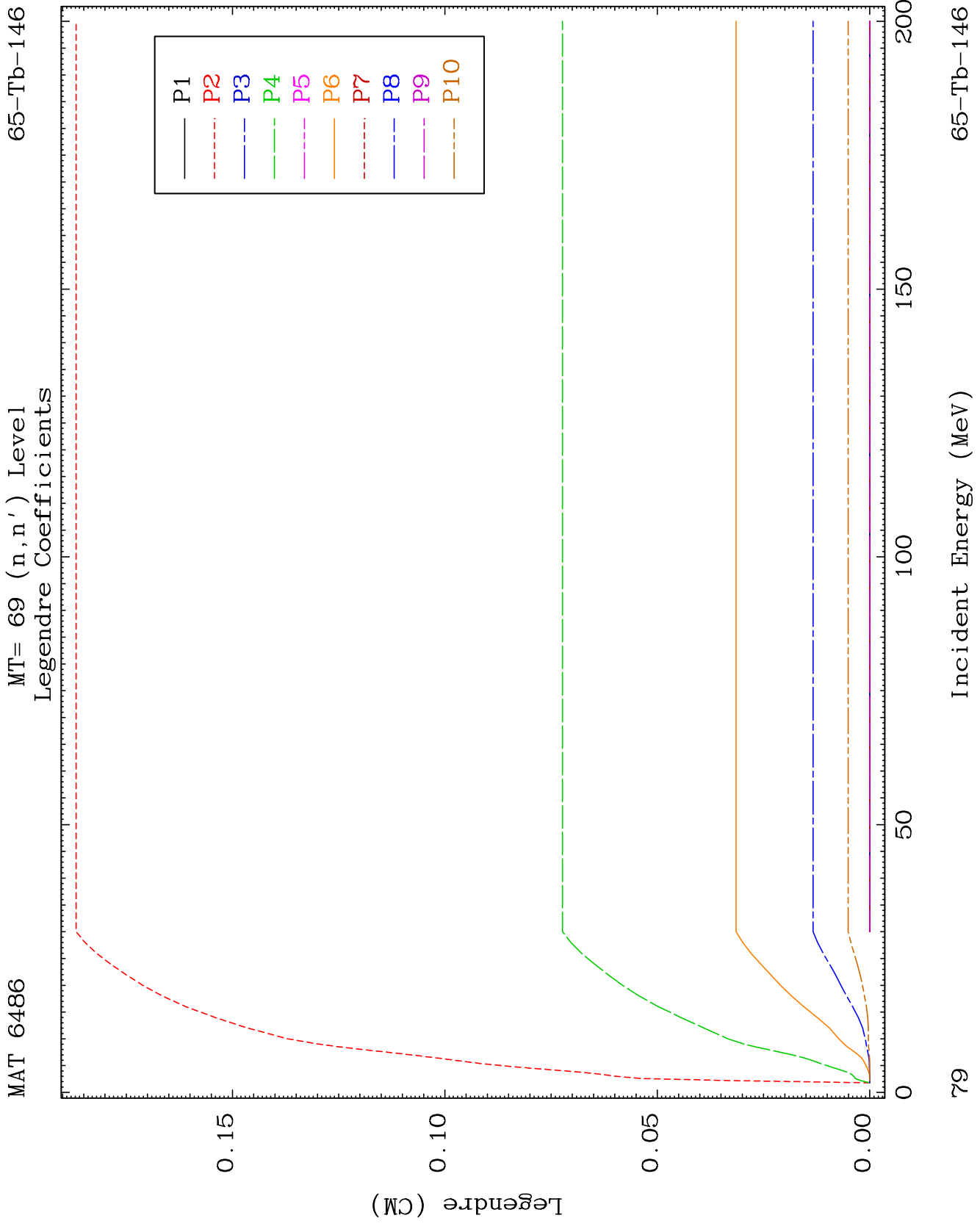
65-Tb-146

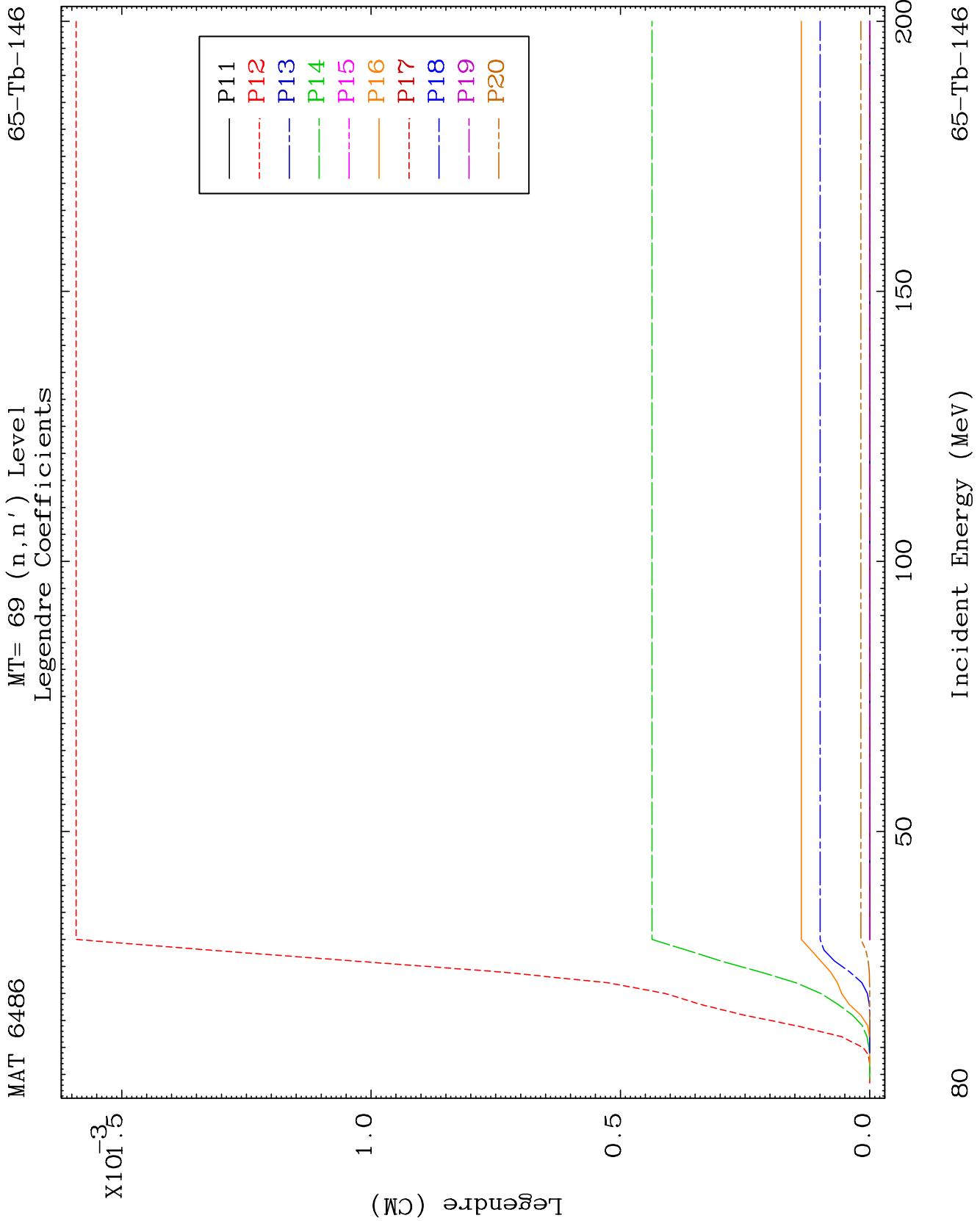


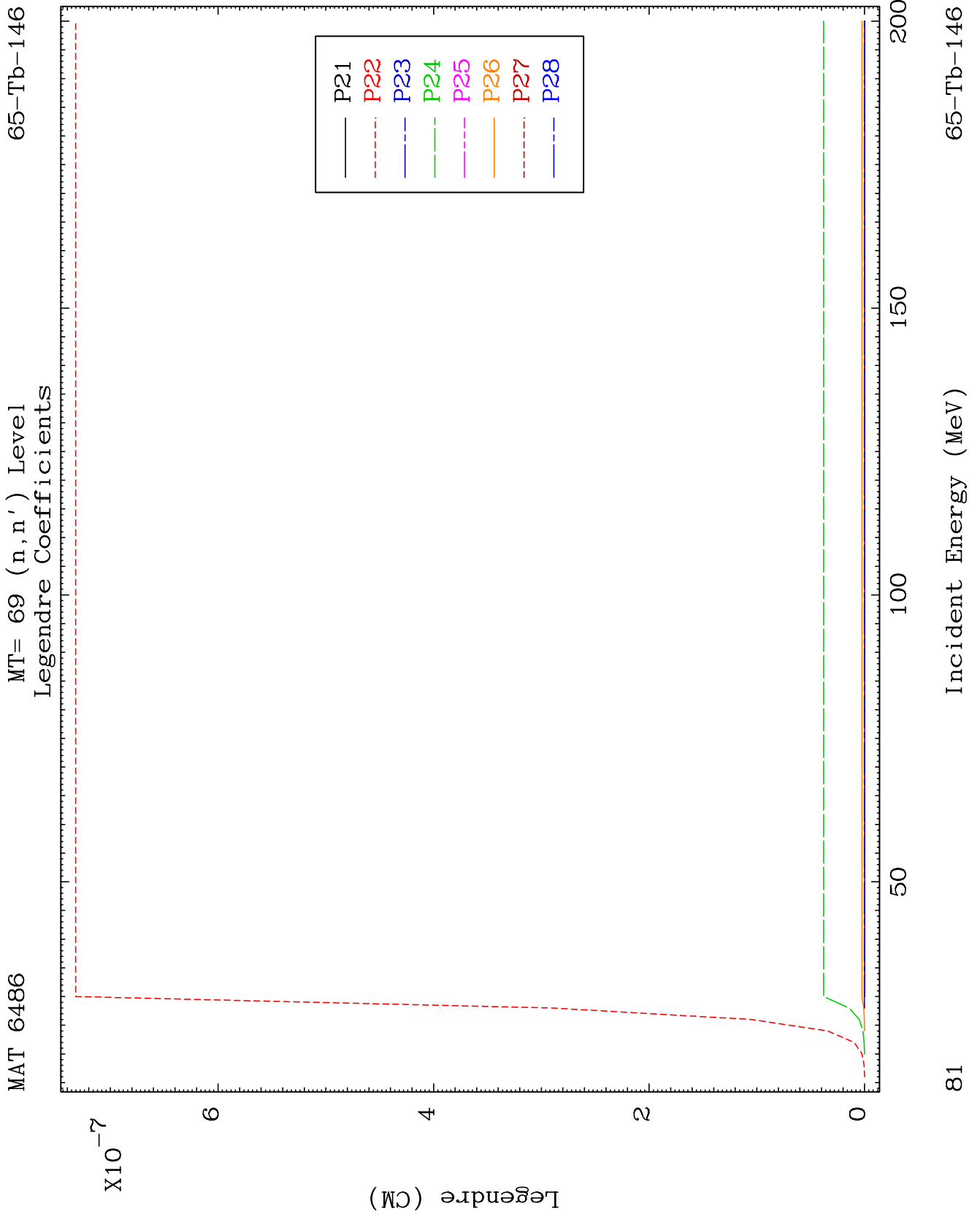




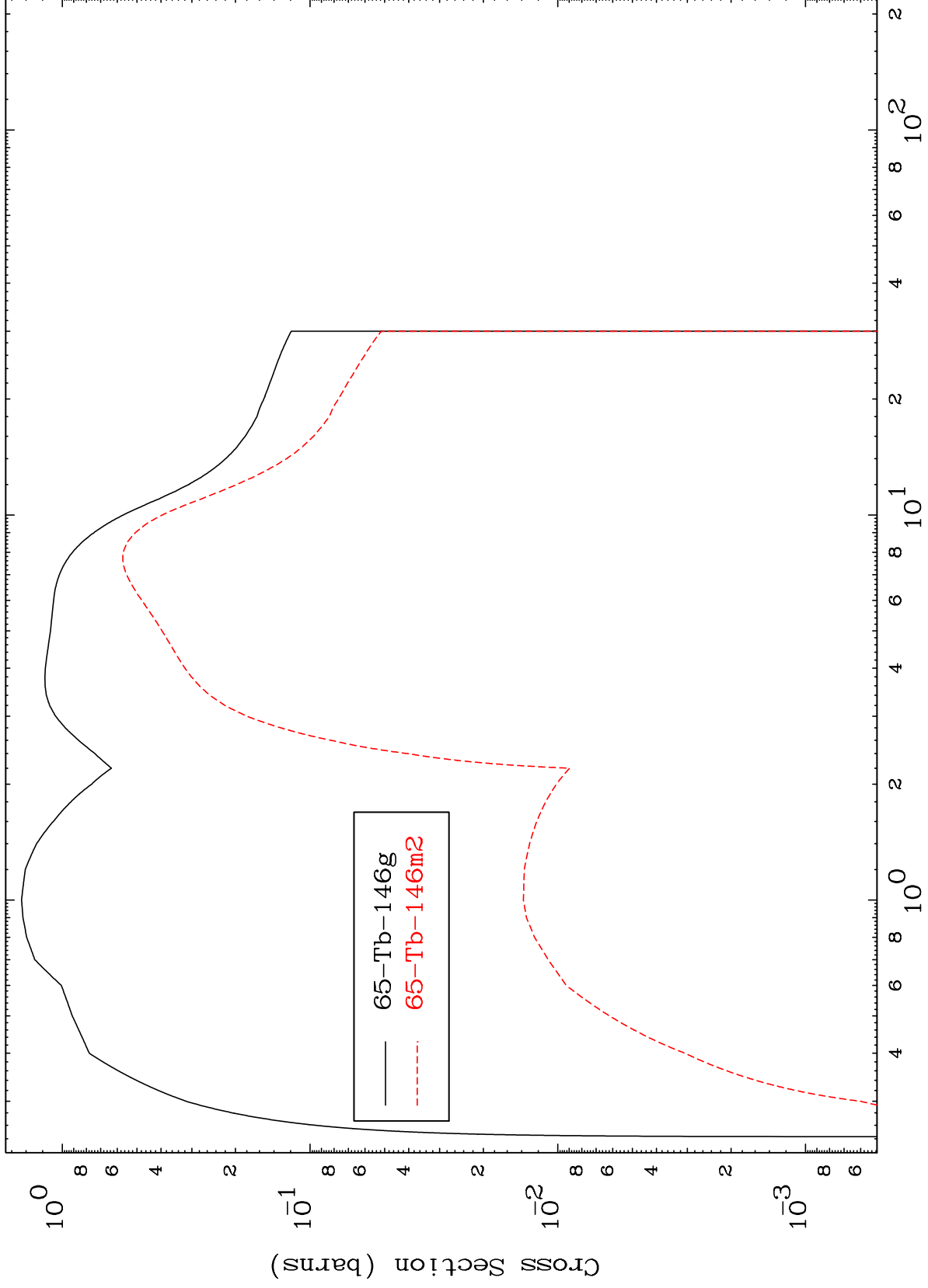




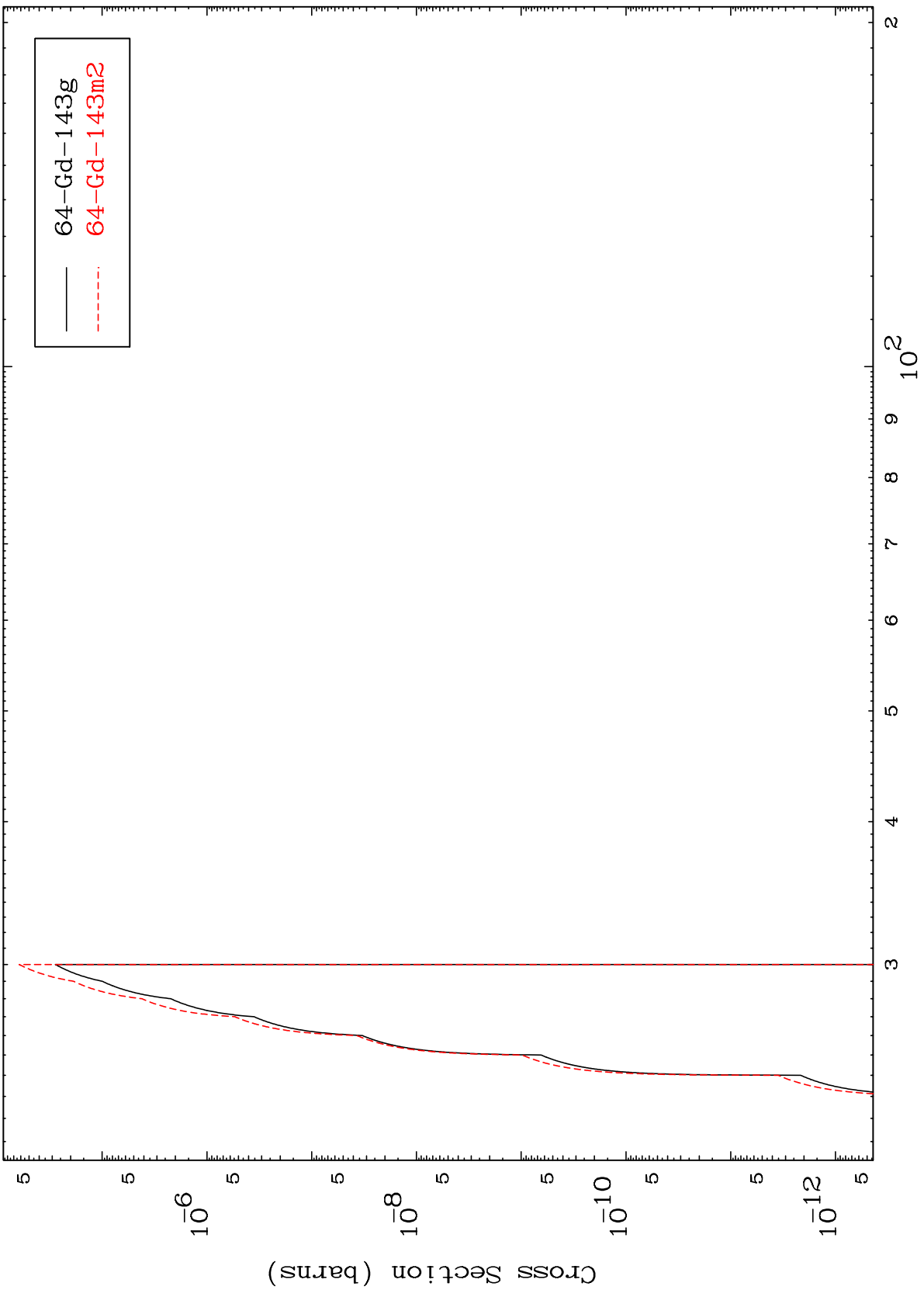




Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section



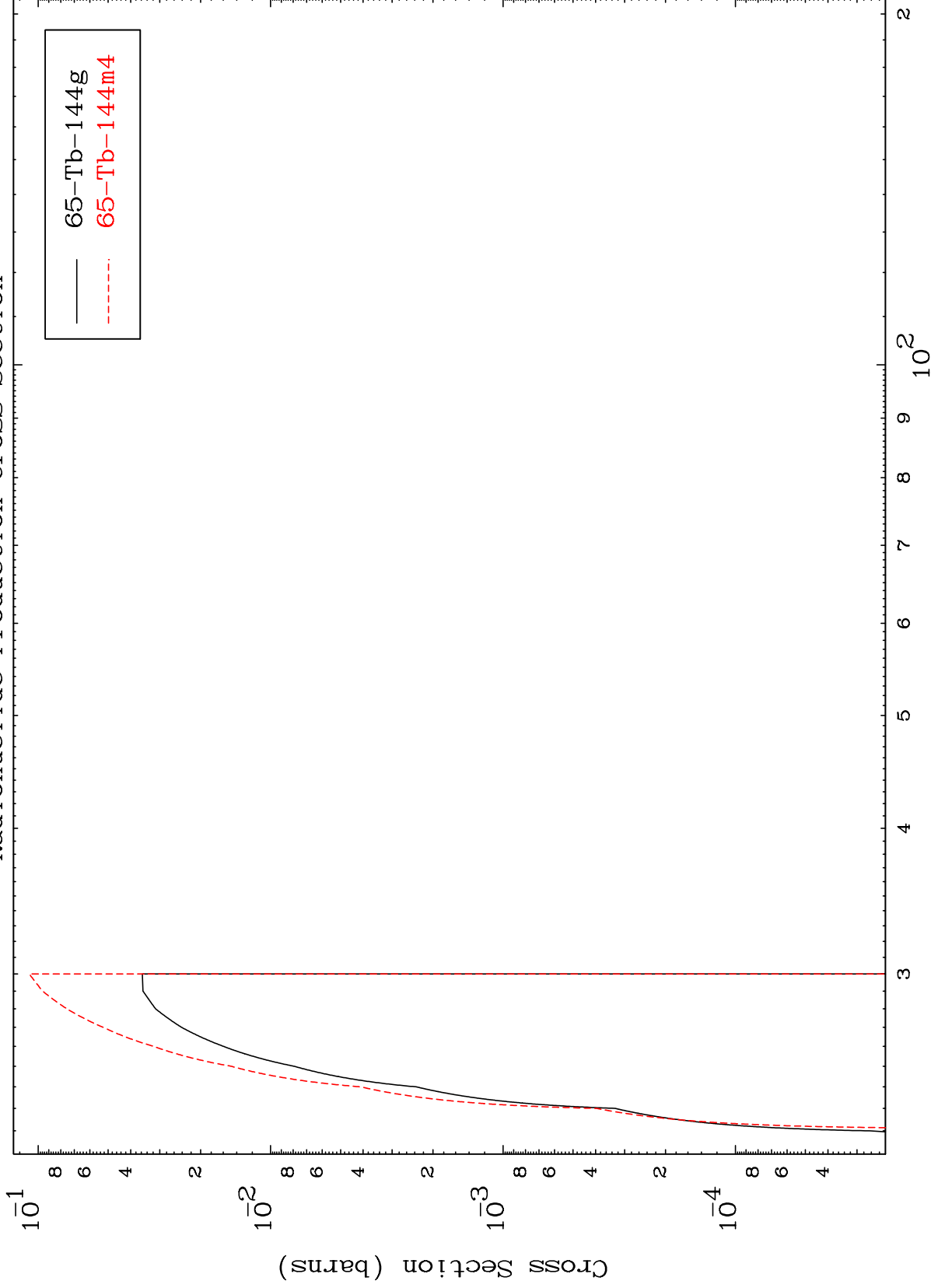
64-Gd-143g
64-Gd-143m2

MAT 6486

(n,3n)

65-Tb-146

Radionuclide Production Cross Section



84

Incident Energy (MeV)

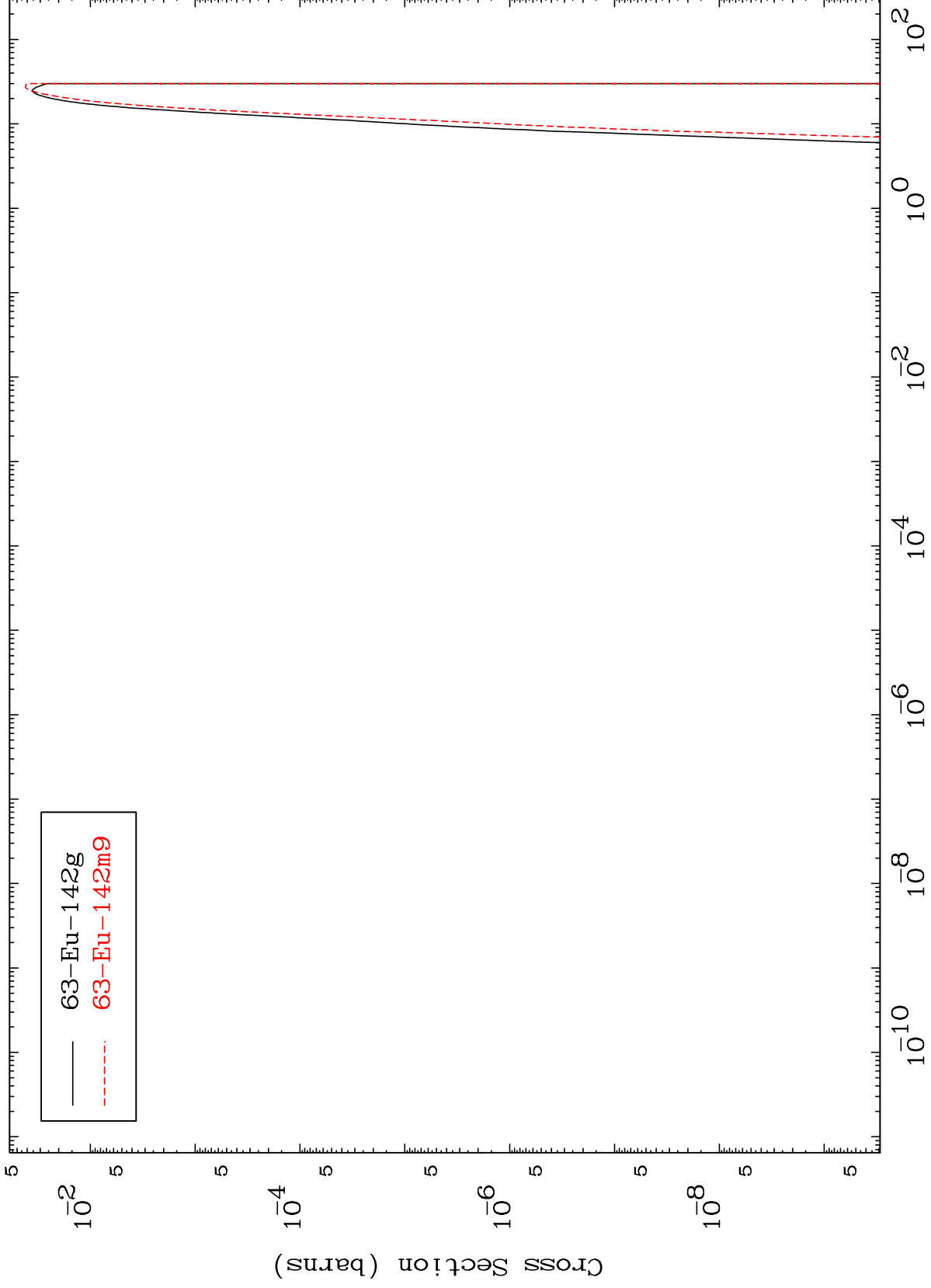
65-Tb-146

MAT 6486

(n, n') α

65-Tb-146

Radionuclide Production Cross Section



85

Incident Energy (MeV)

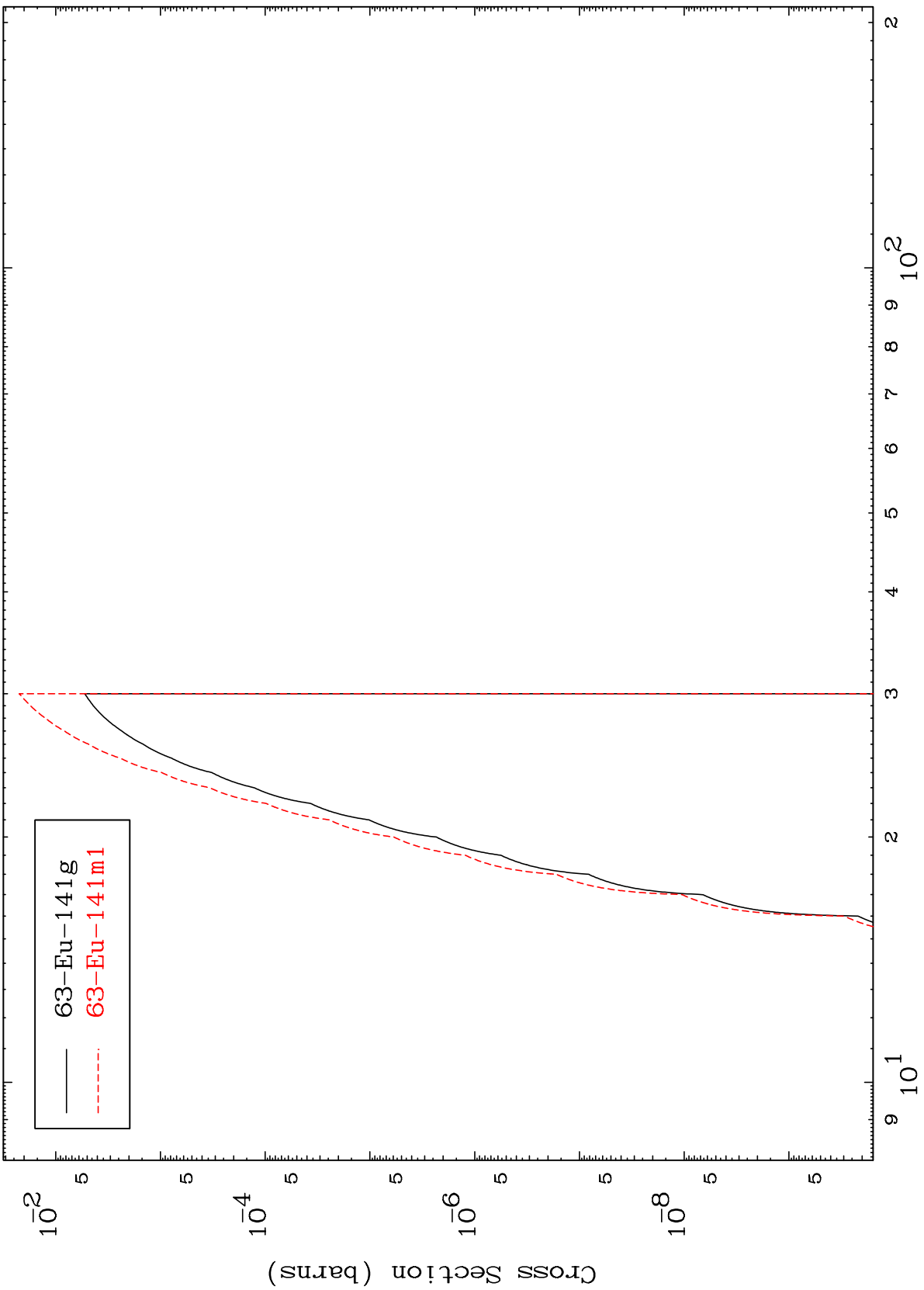
65-Tb-146

MAT 6486

(n,2n) α

65-Tb-146

Radionuclide Production Cross Section



86

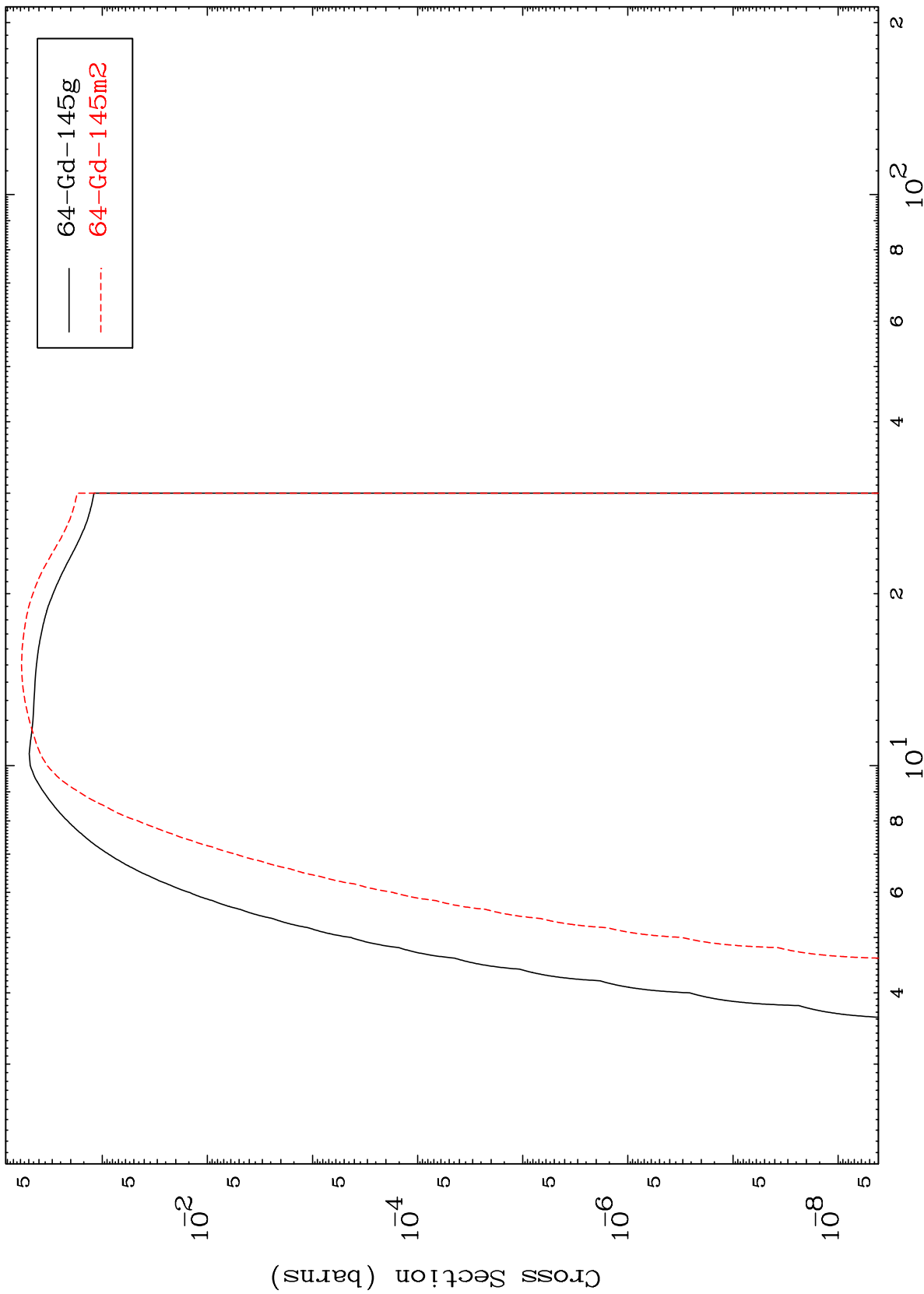
Incident Energy (MeV)

65-Tb-146

MAT 6486

65-Tb-146

(n, n') p
Radionuclide Production Cross Section



87

65-Tb-146

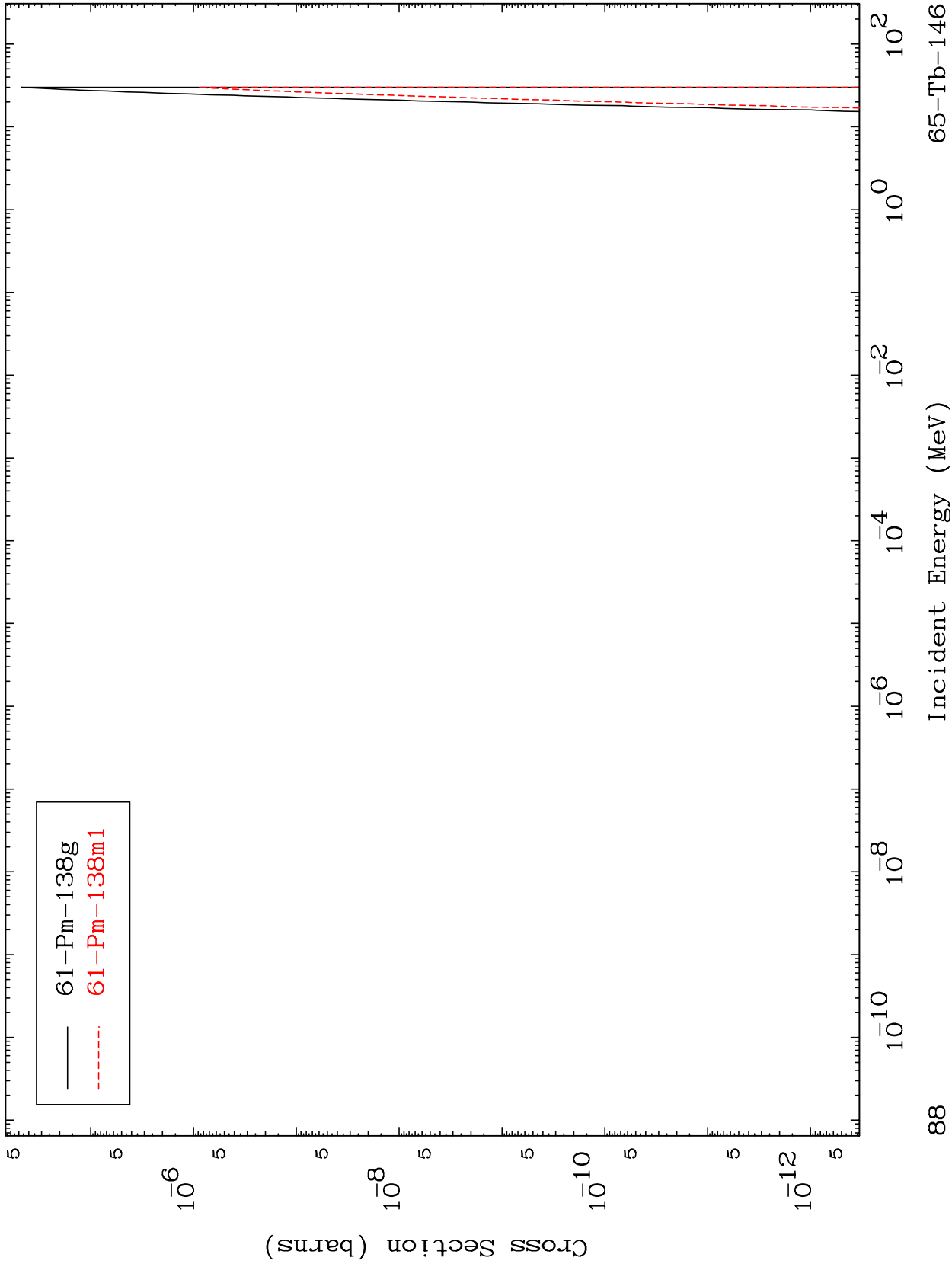
Incident Energy (MeV)

MAT 6486

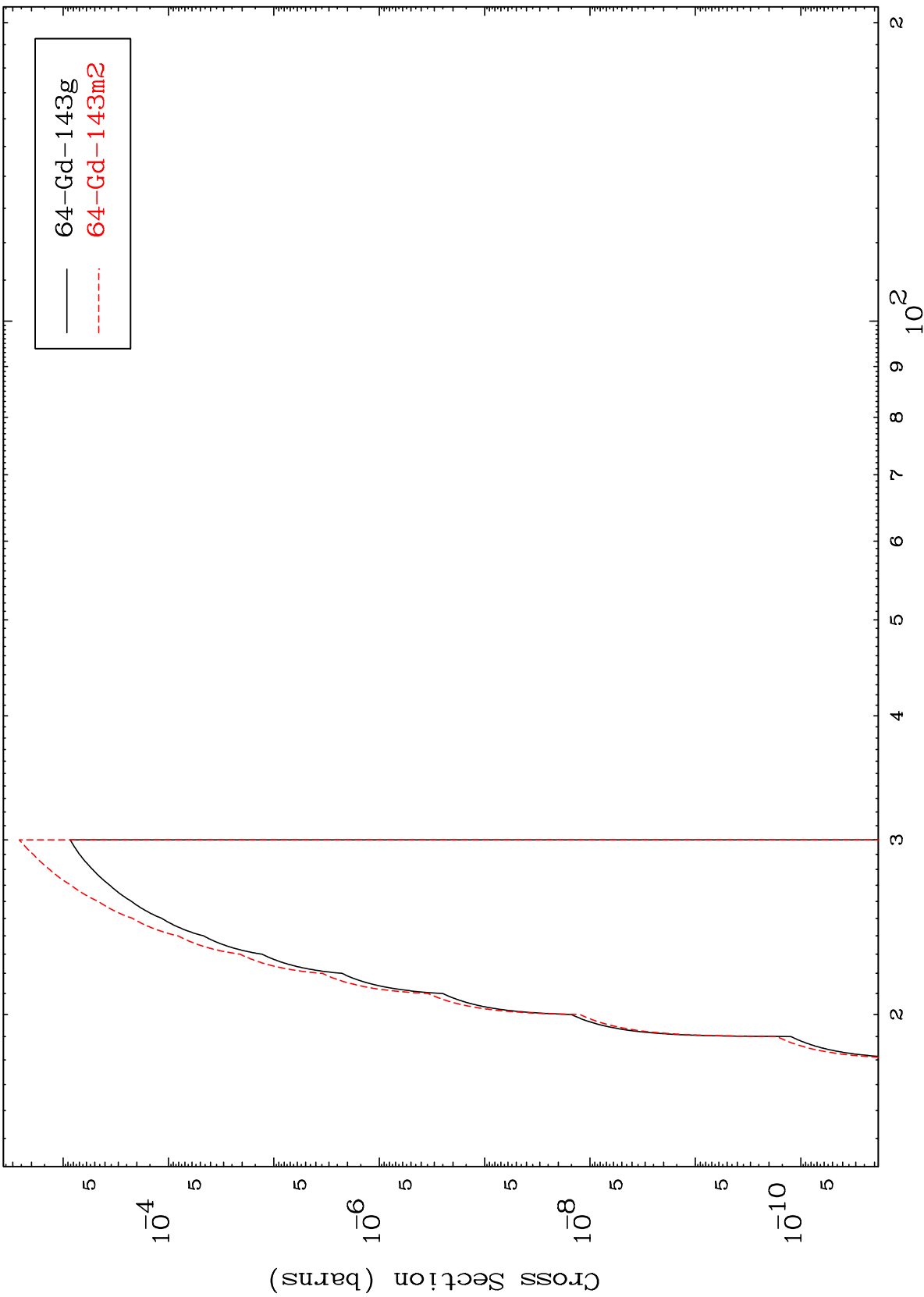
(n,n') 2 α

65-Tb-146

Radionuclide Production Cross Section



Radionuclide Production Cross Section

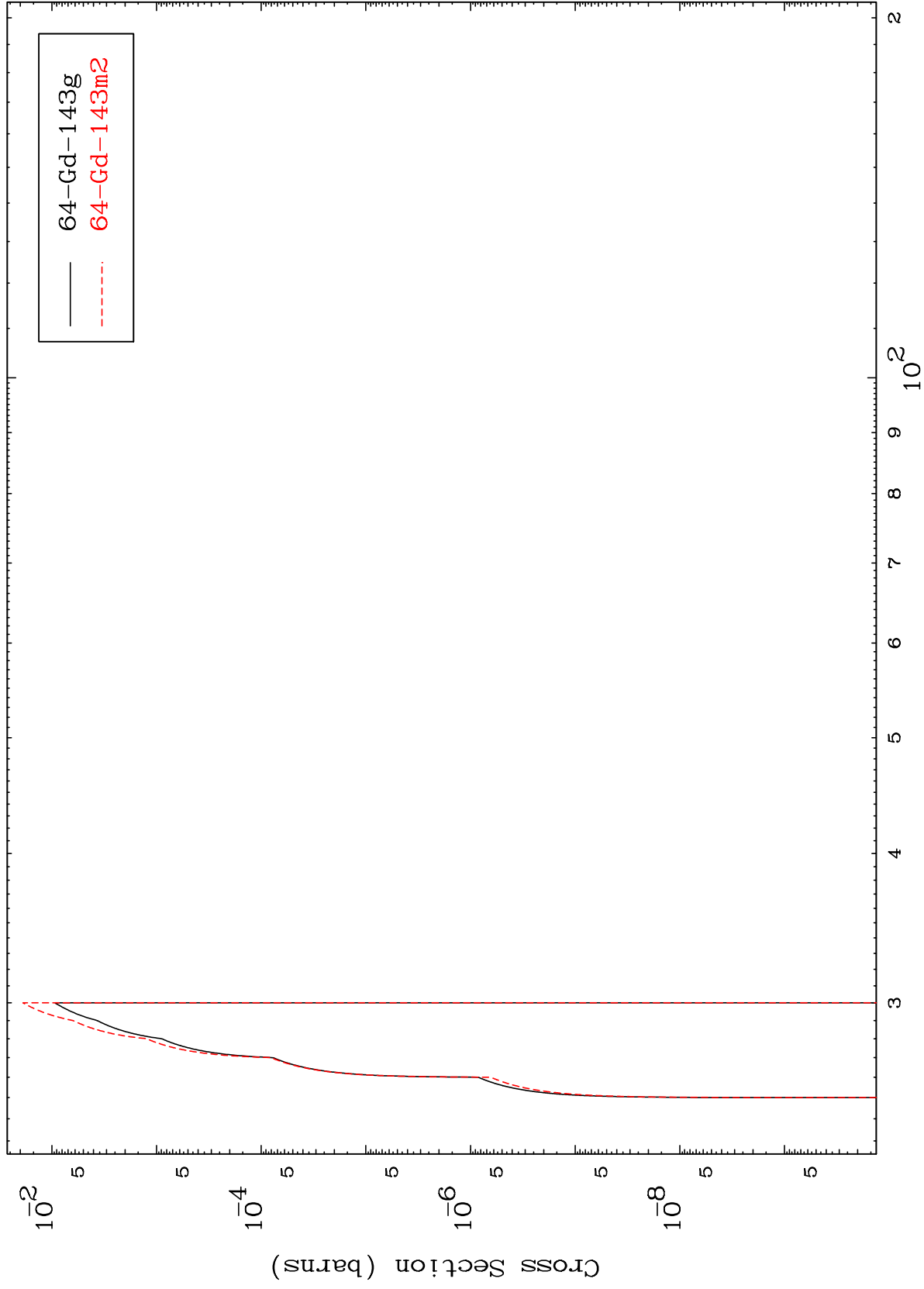


MAT 6486

(n,3n) p

65-Tb-146

Radionuclide Production Cross Section



90

Incident Energy (MeV)

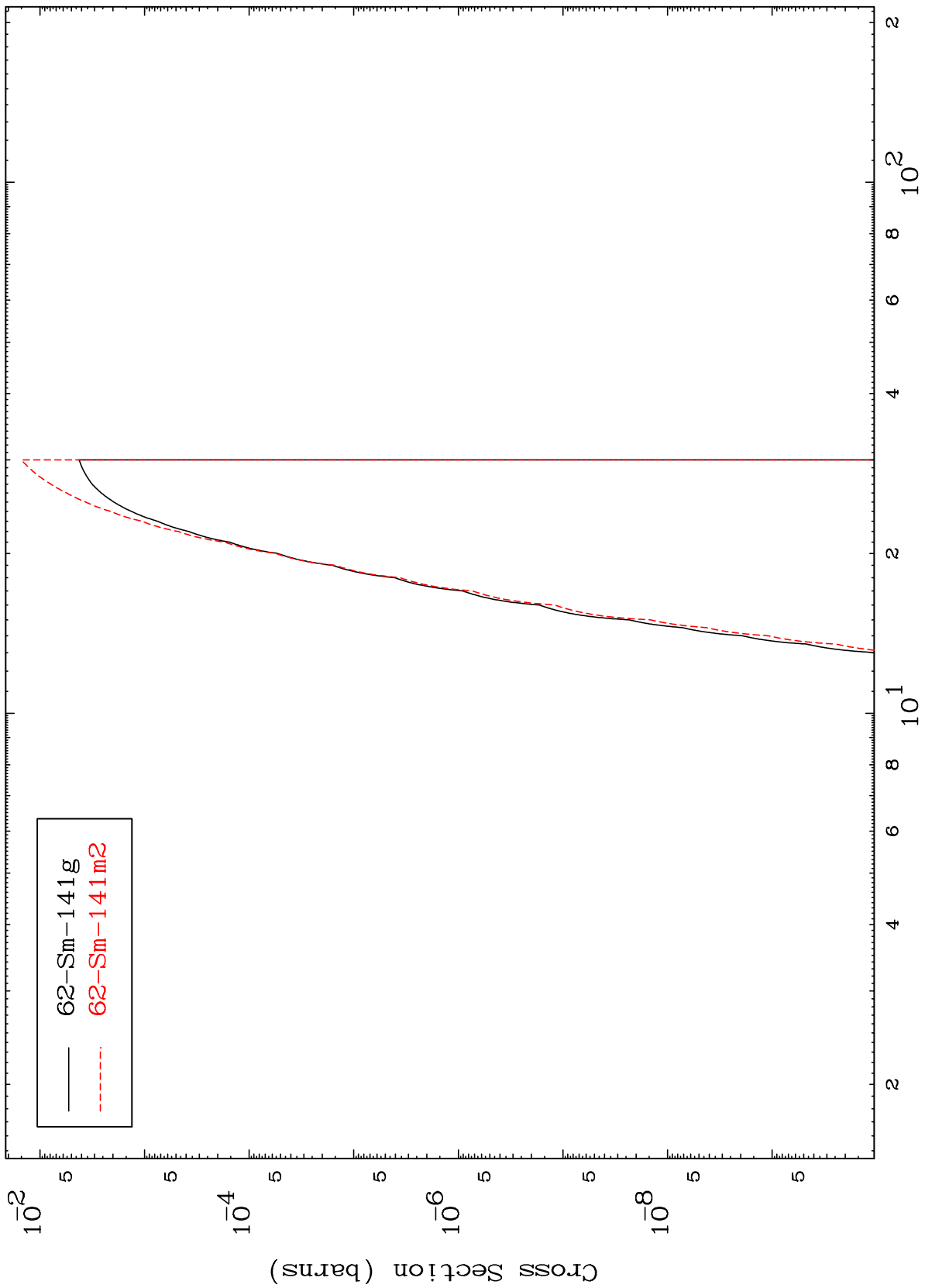
65-Tb-146

MAT 6486

(n,n') p α

65-Tb-146

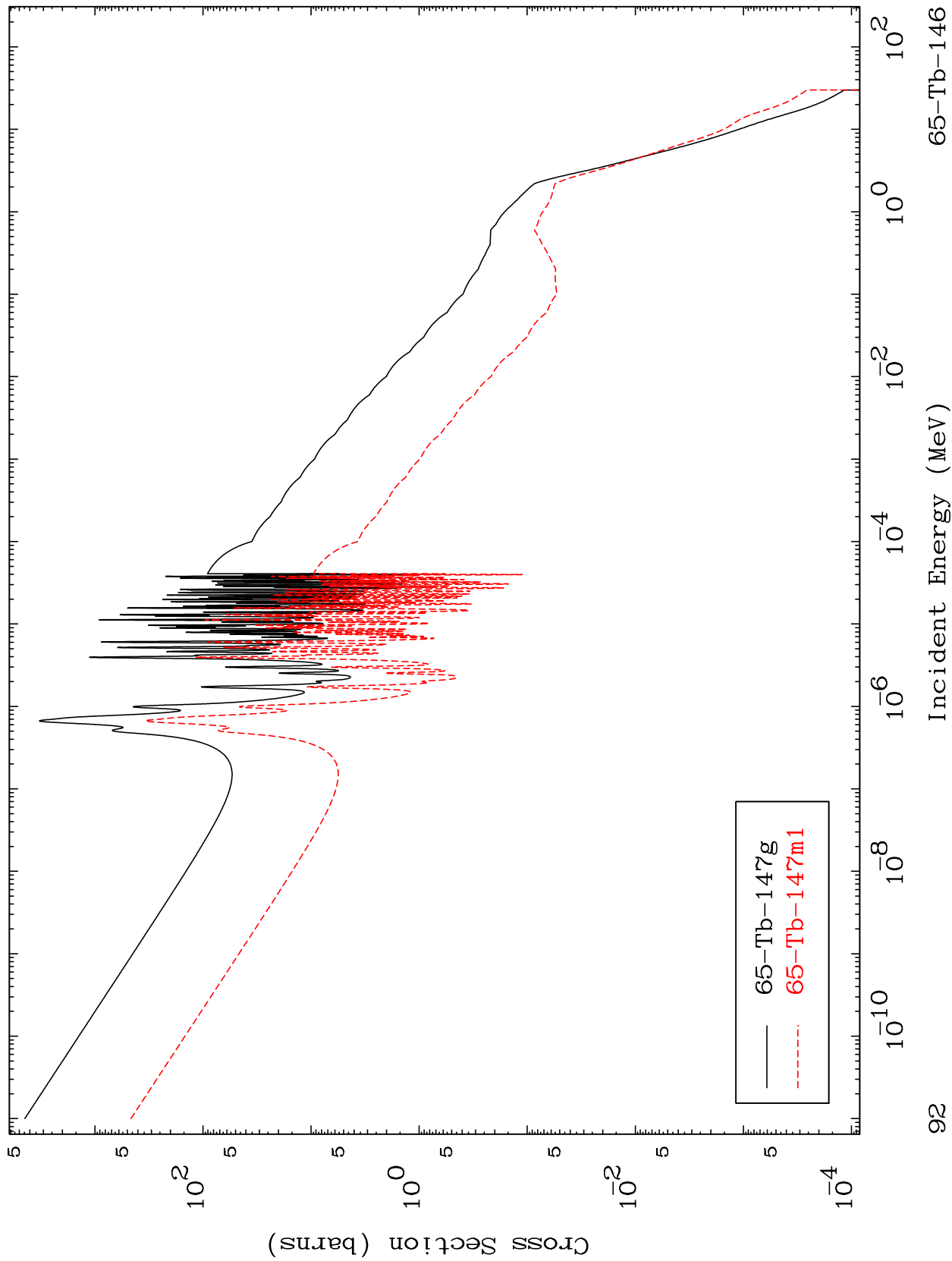
Radionuclide Production Cross Section



MAT 6486

65-Tb-146

Radionuclide Production Cross Section
(n, γ)

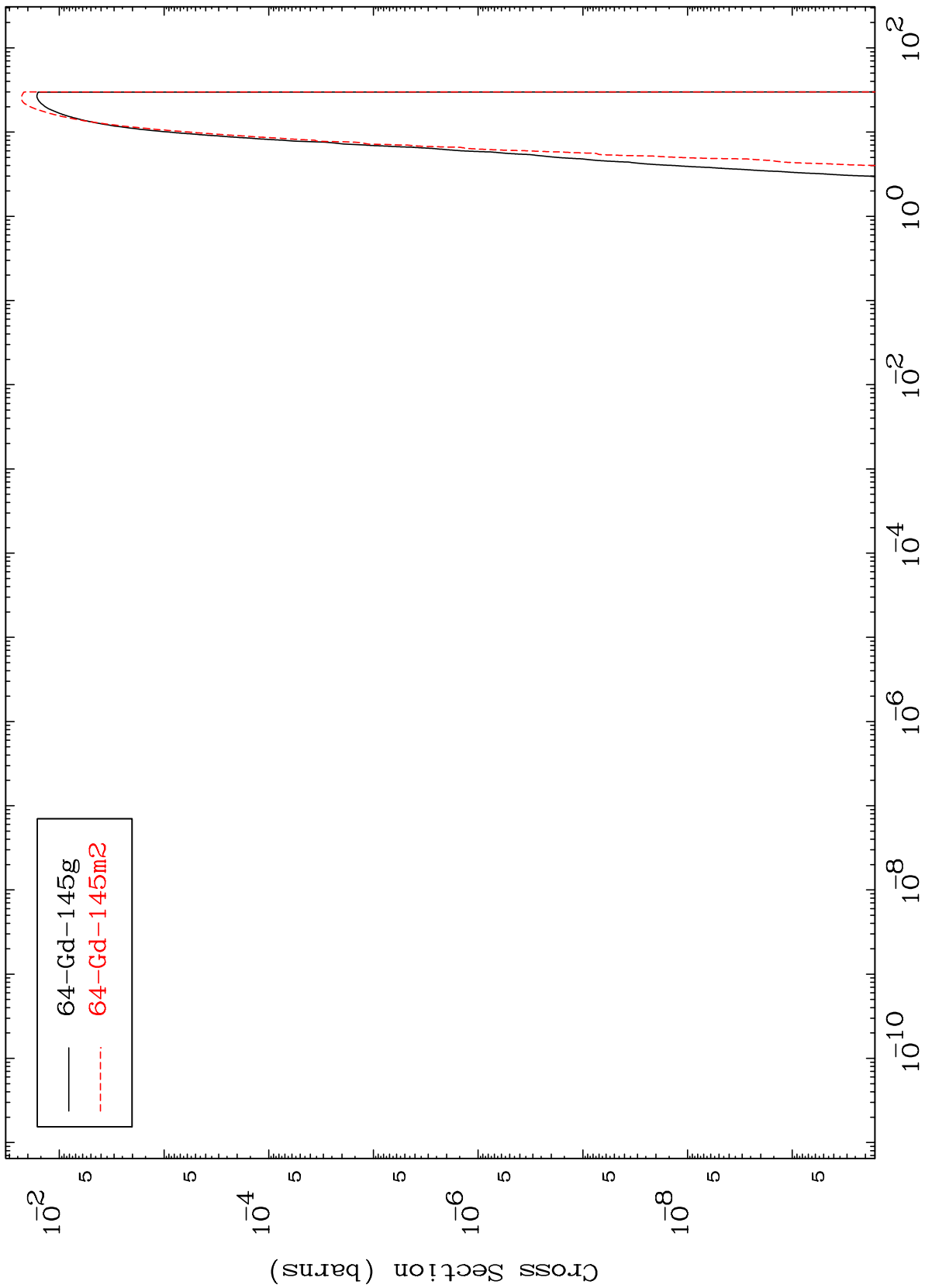


MAT 6486

(n,d)

⁶⁵Tb-146

Radionuclide Production Cross Section



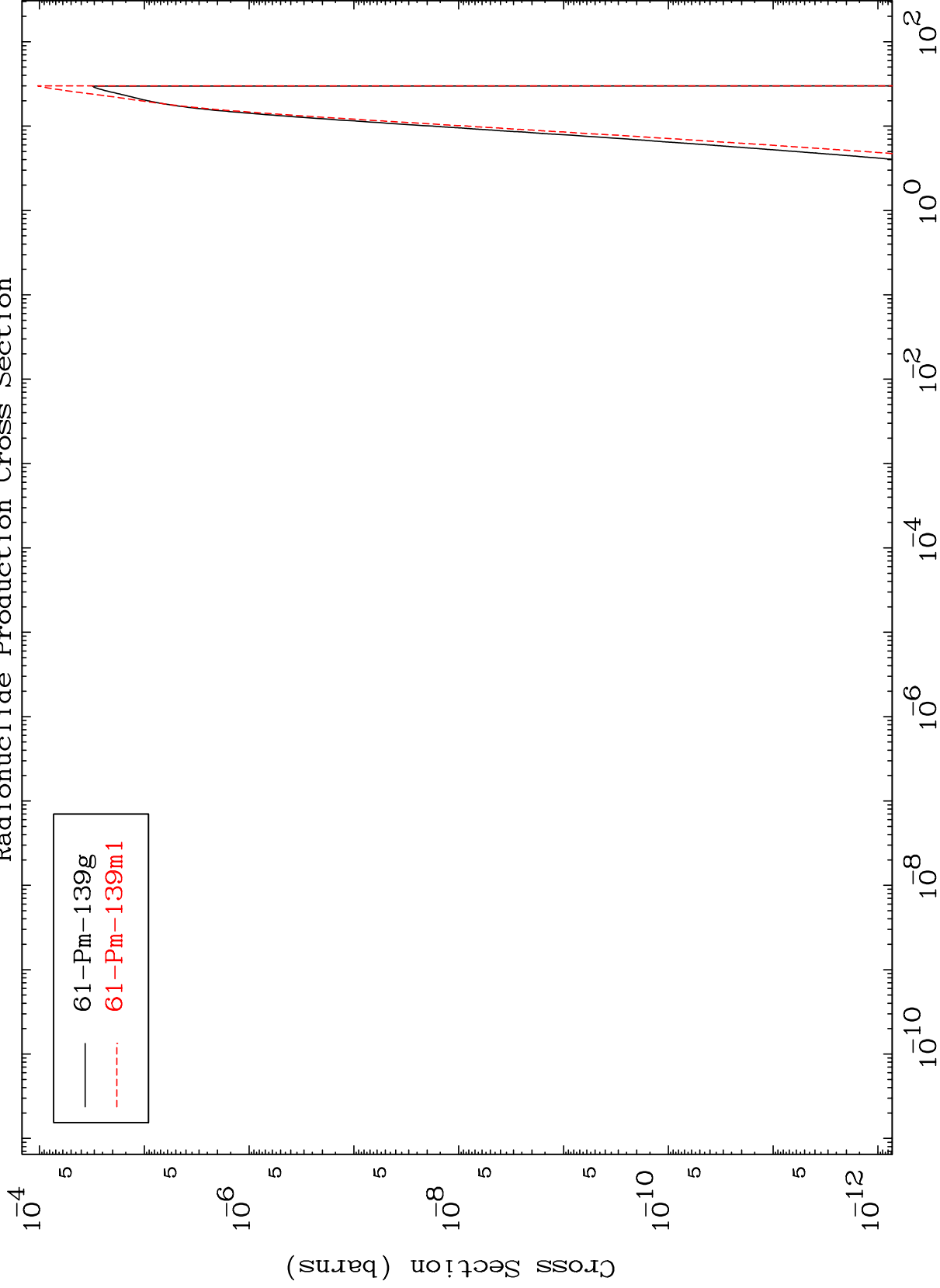
64-Gd-145g
64-Gd-145m2

MAT 6486

(n,2α)

65-Tb-146

Radionuclide Production Cross Section



94

Incident Energy (MeV)

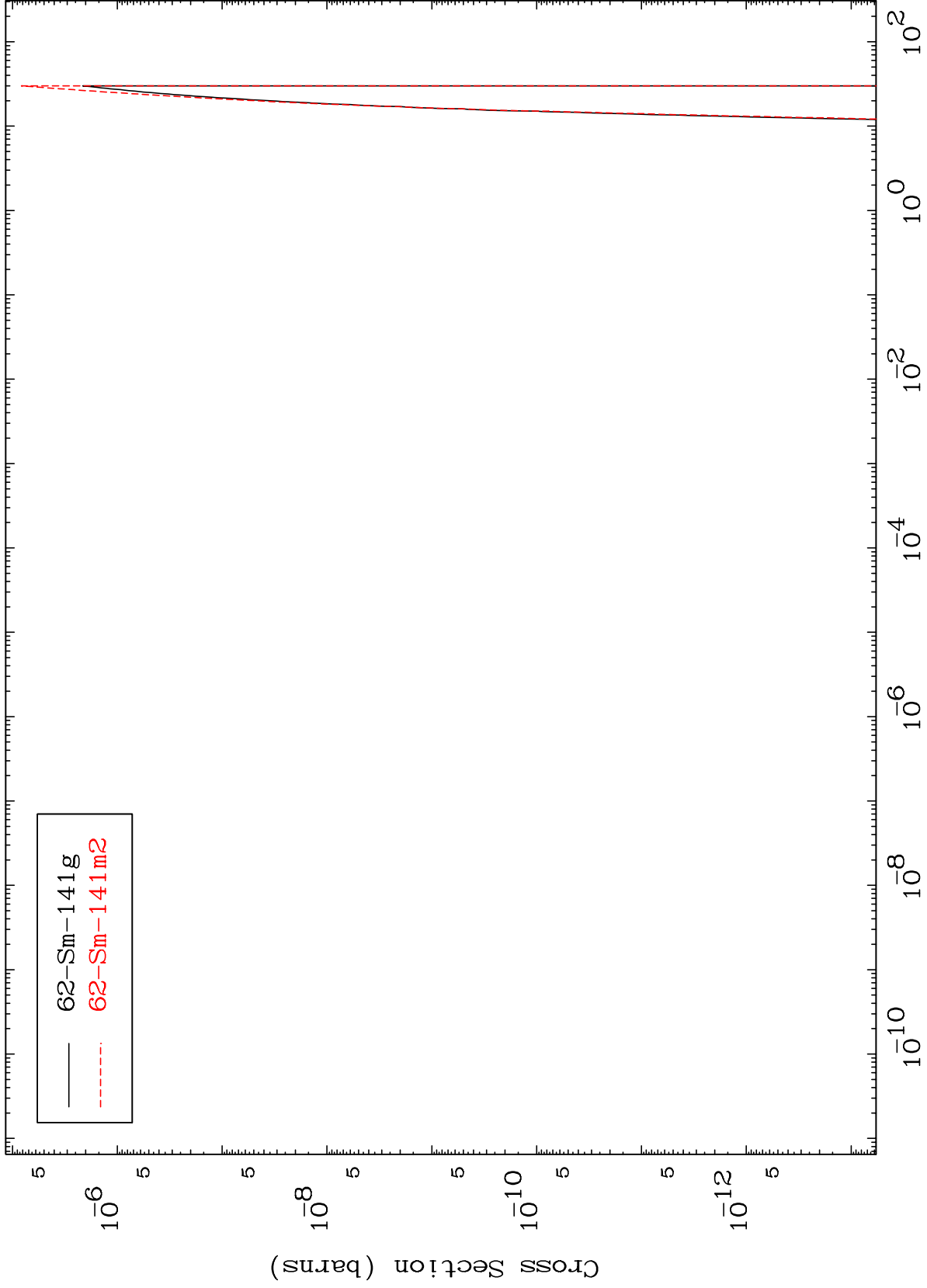
65-Tb-146

MAT 6486

(n,d) α

65-Tb-146

Radionuclide Production Cross Section



95

Incident Energy (MeV)

65-Tb-146