

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

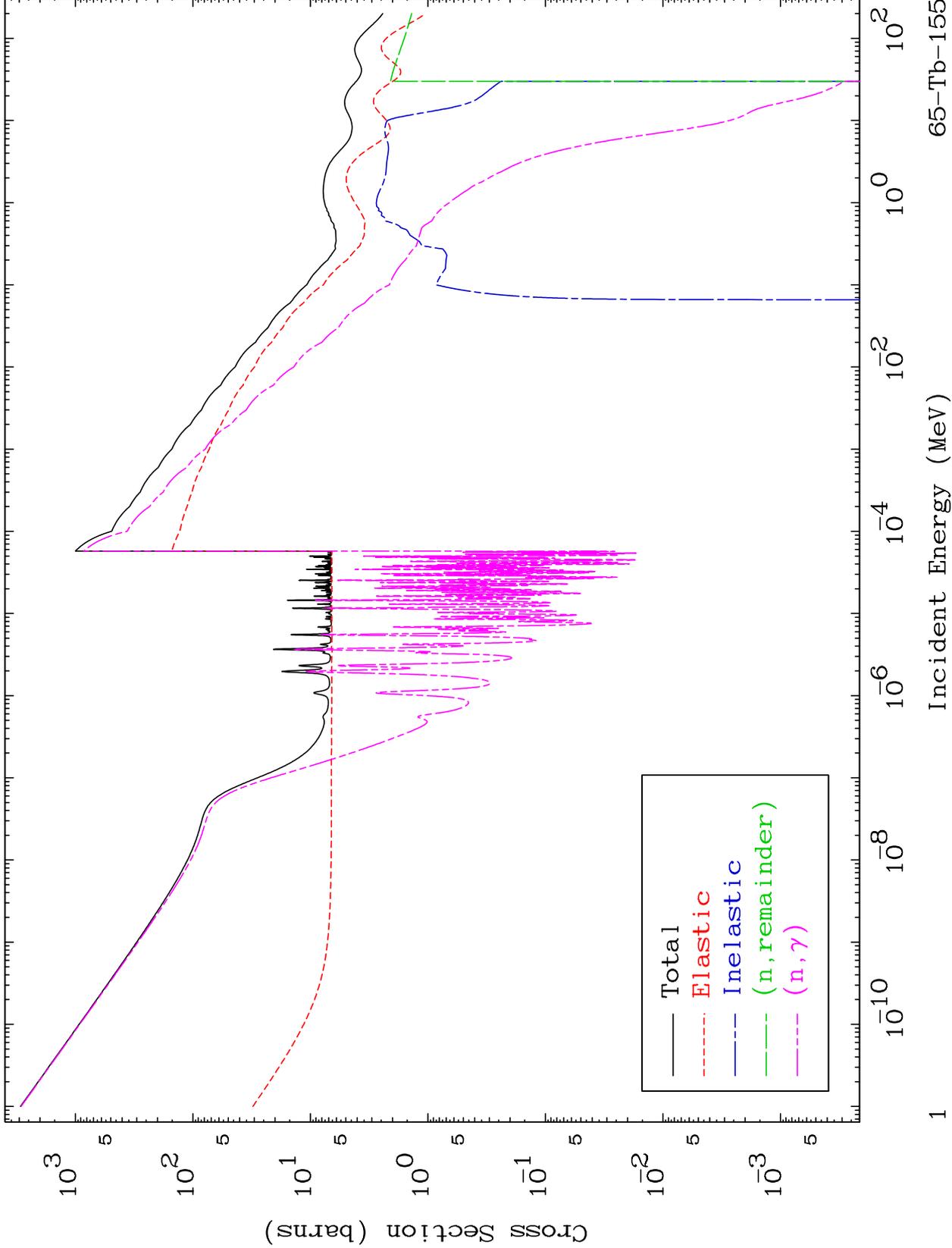
Press Mouse Button to Start

MAT 6513

Major

293 Kelvin Cross Sections

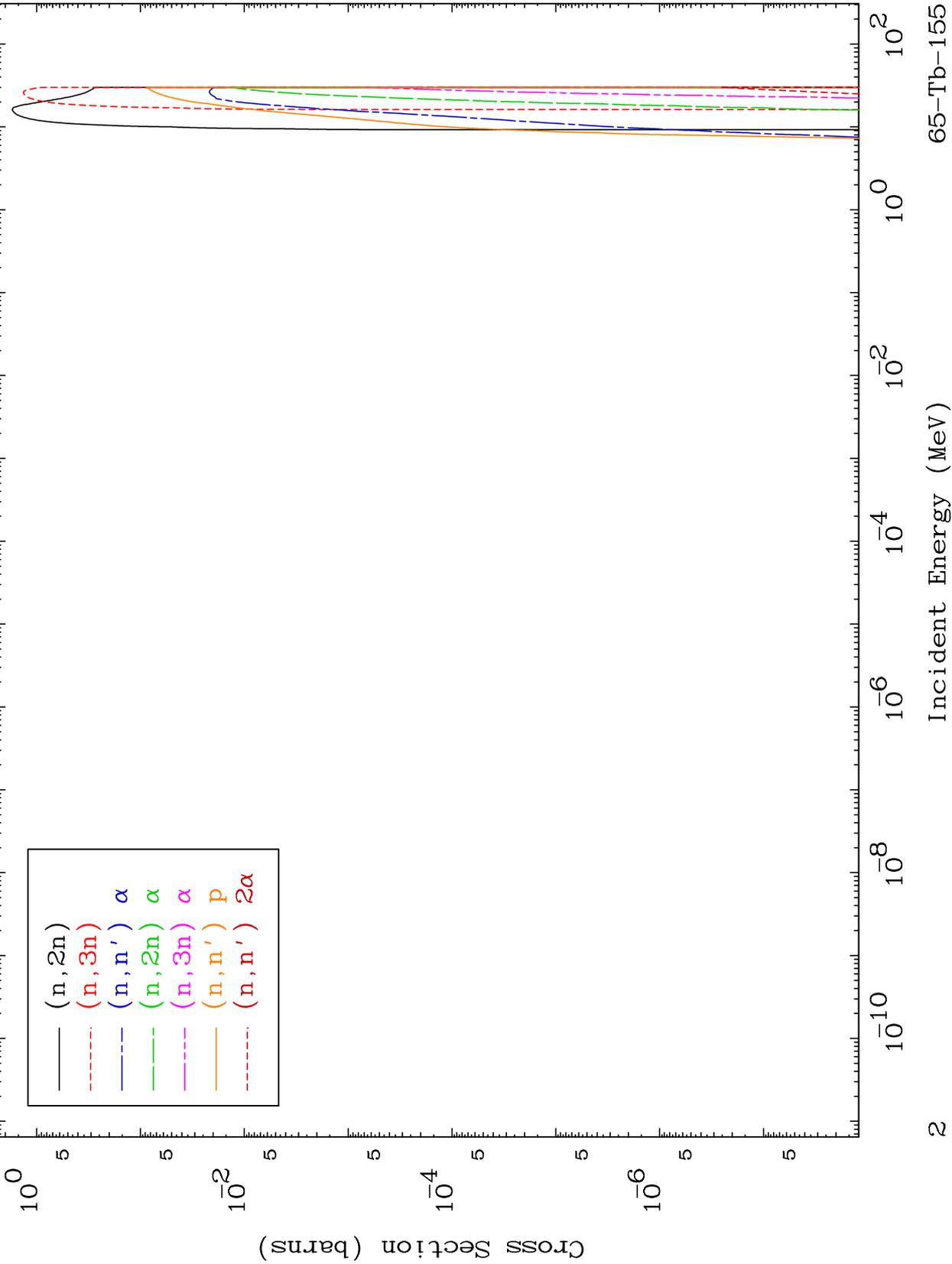
65-Tb-155



MAT 6513

Neutron Production
293 Kelvin Cross Sections

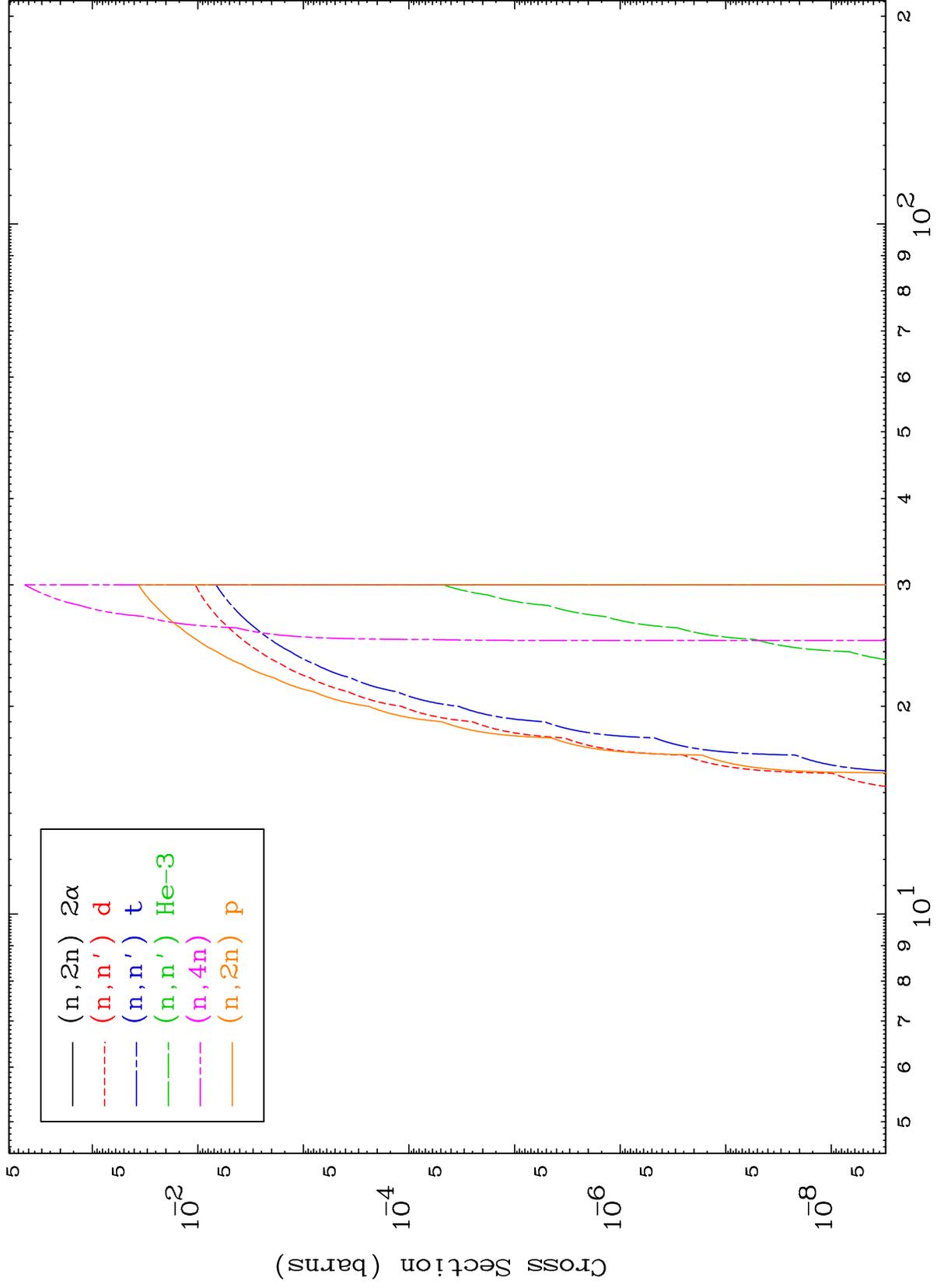
65-Tb-155



MAT 6513

Neutron Production
293 Kelvin Cross Sections

65-Tb-155



3

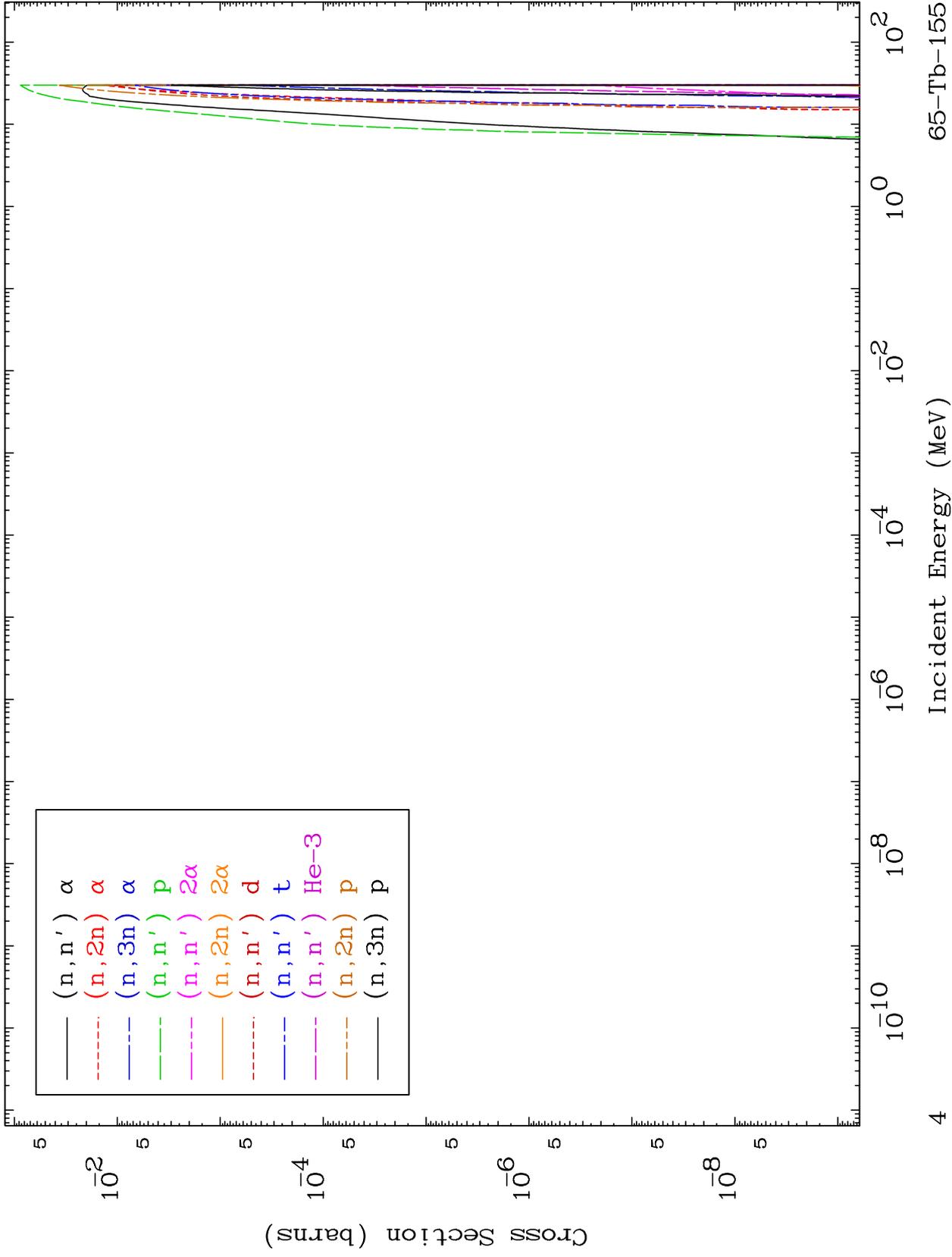
Incident Energy (MeV)

65-Tb-155

MAT 6513

Charged Particle
293 Kelvin Cross Sections

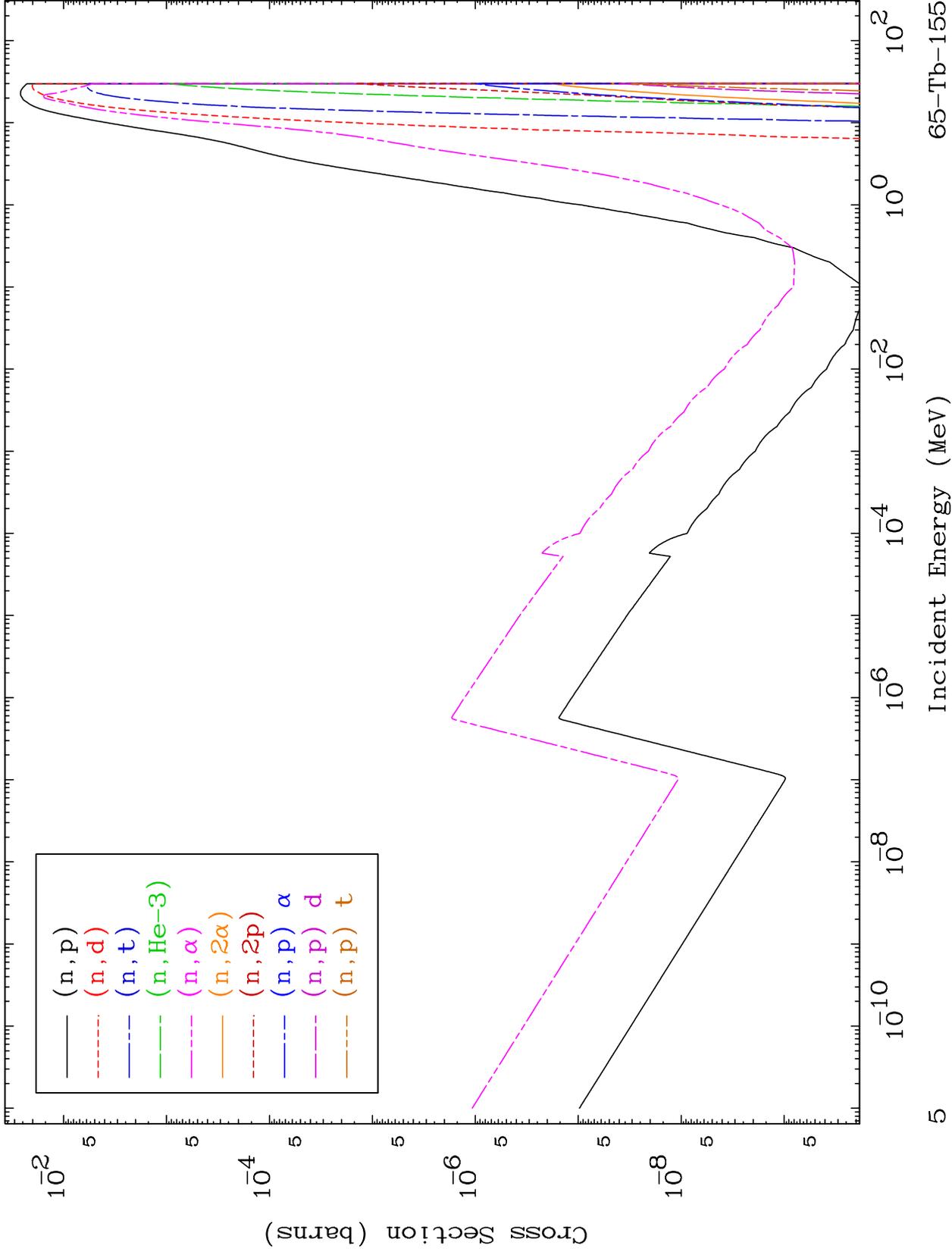
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MAT 6513

Charged Particle
293 Kelvin Cross Sections

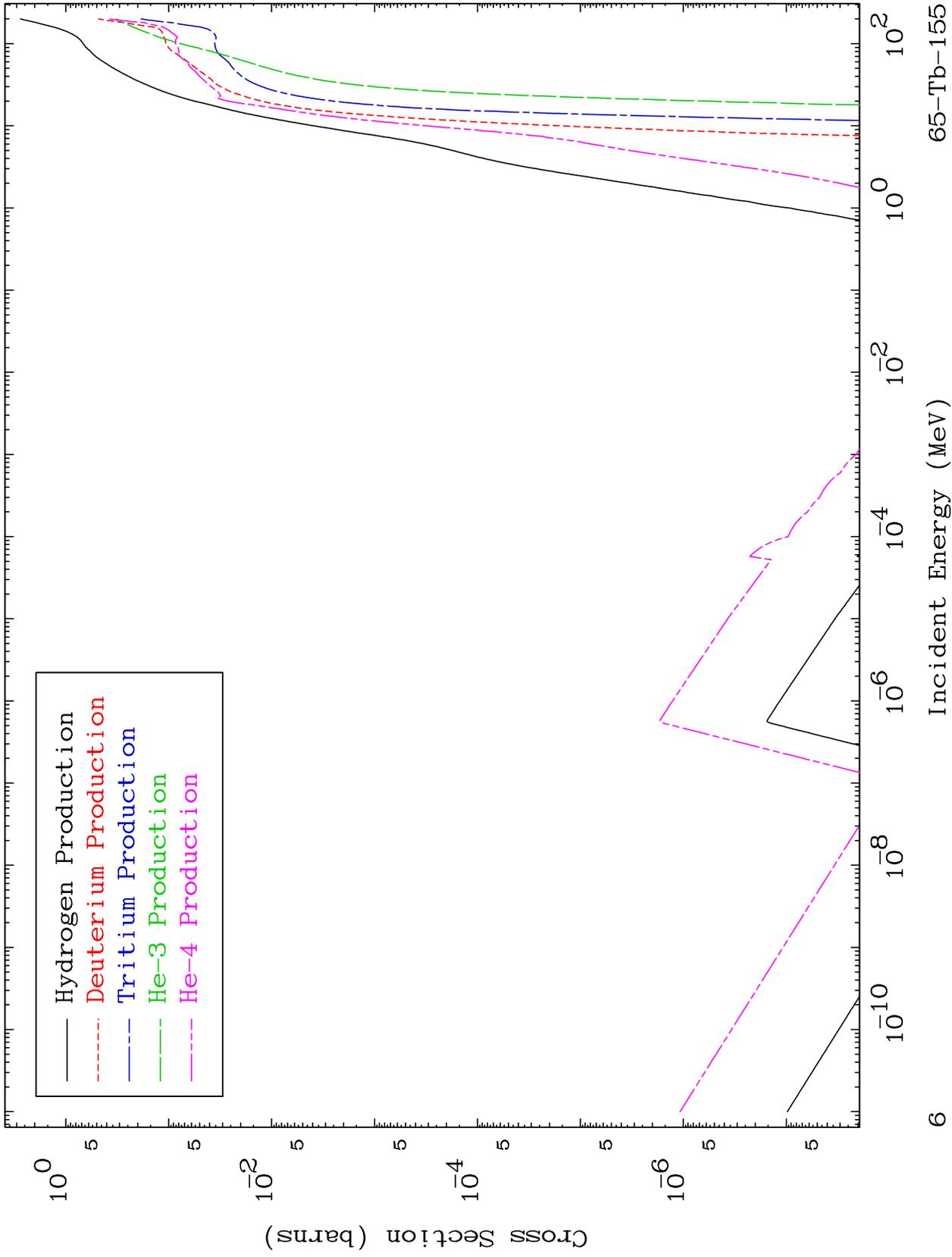
65-Tb-155



MAT 6513

Particle Production
293 Kelvin Cross Sections

65-Tb-155

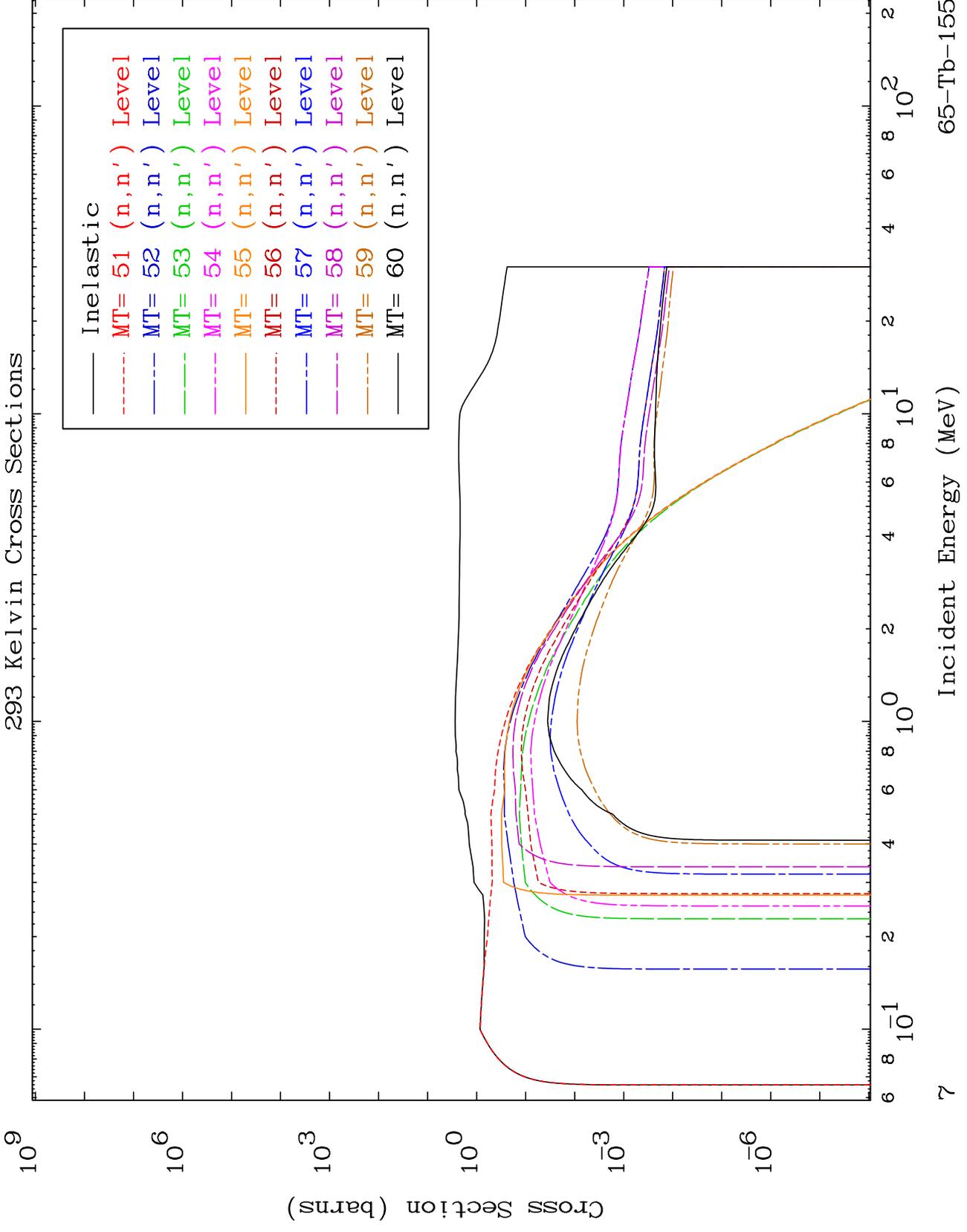


MAT 6513

(n,n') Level

293 Kelvin Cross Sections

65-Tb-155

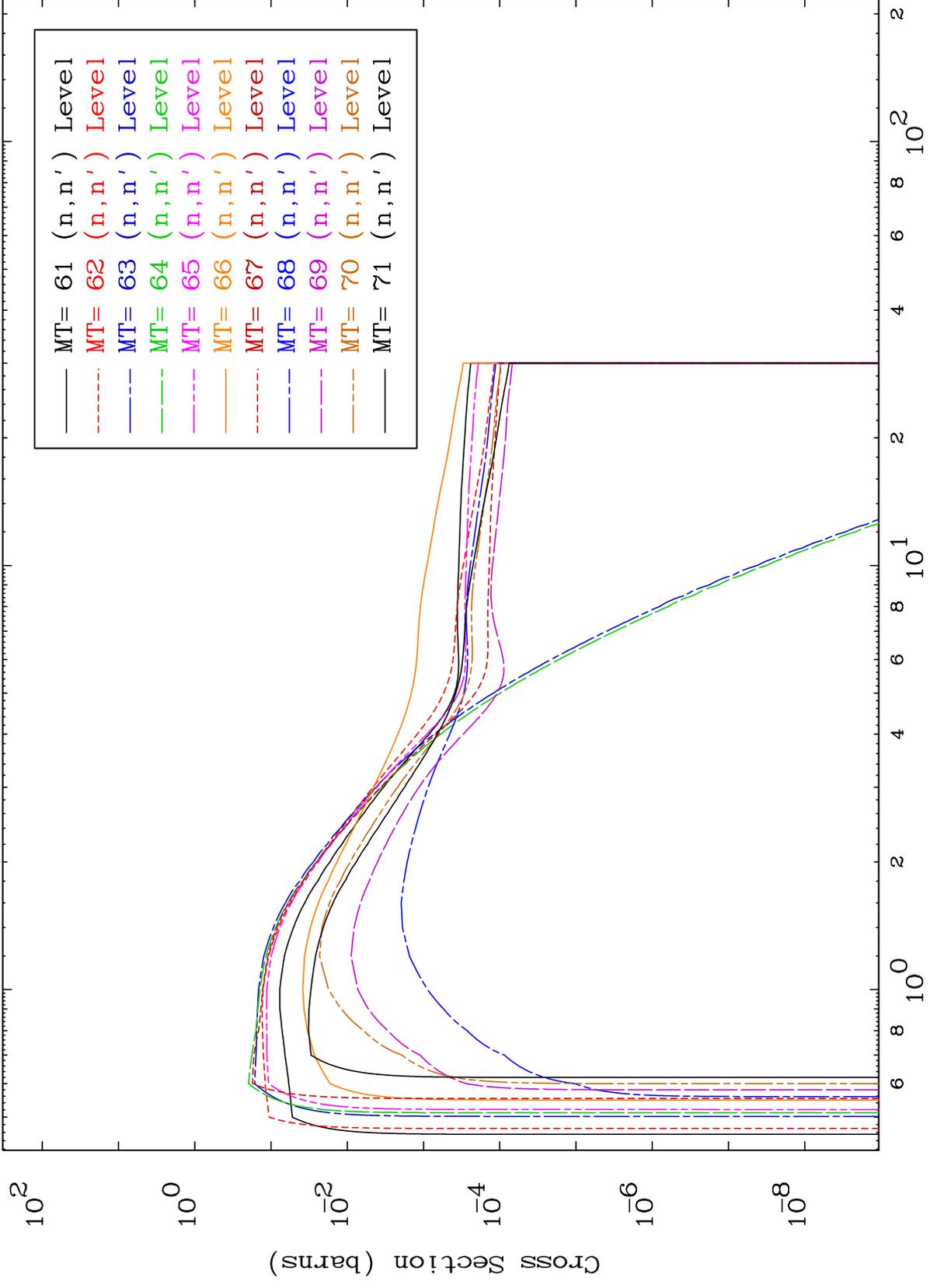


MAT 6513

(n,n') Level

293 Kelvin Cross Sections

65-Tb-155



8

Incident Energy (MeV)

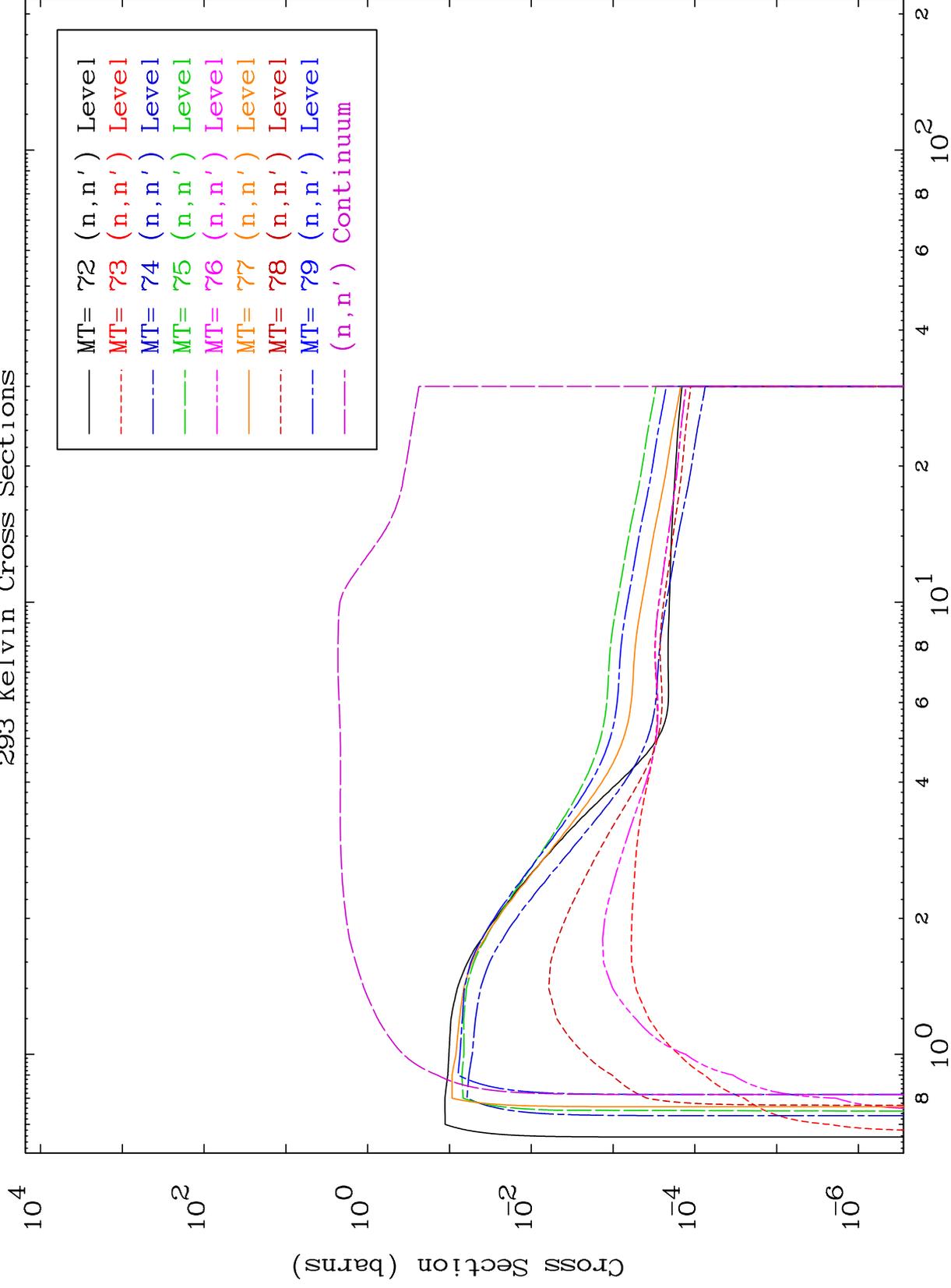
65-Tb-155

MAT 6513

(n,n') Level

293 Kelvin Cross Sections

65-Tb-155



9

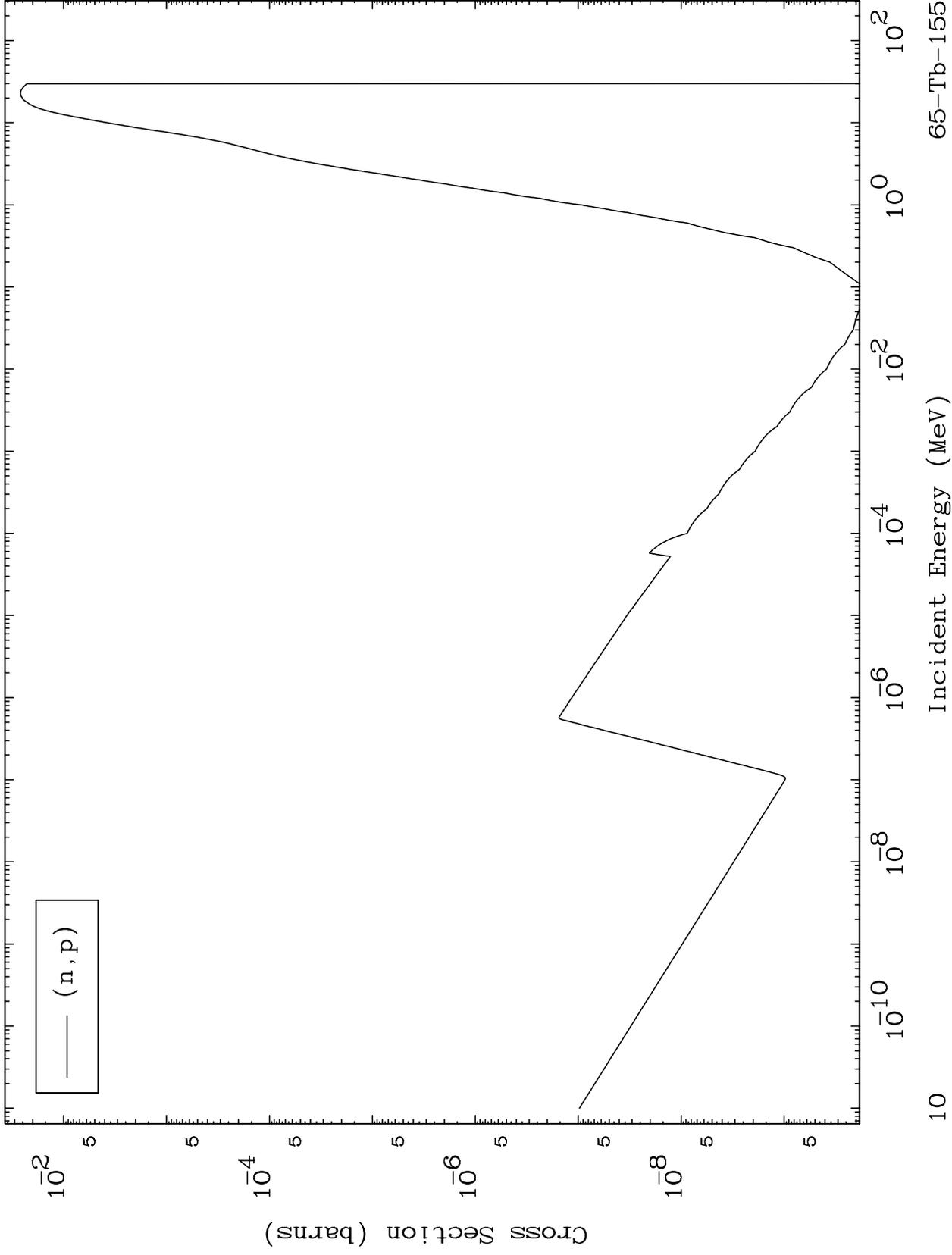
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-155



10

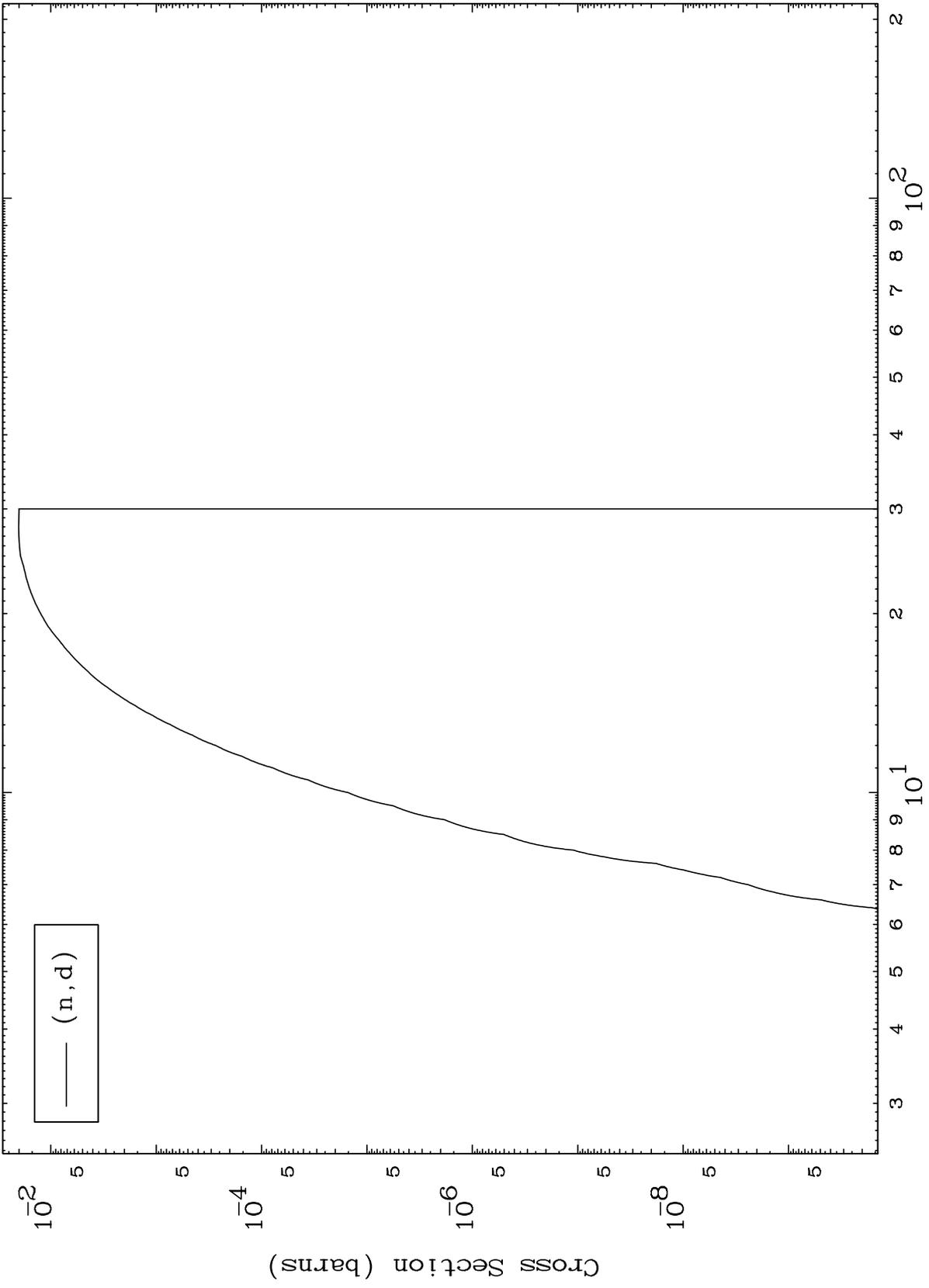
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,d) Levels
293 Kelvin Cross Sections

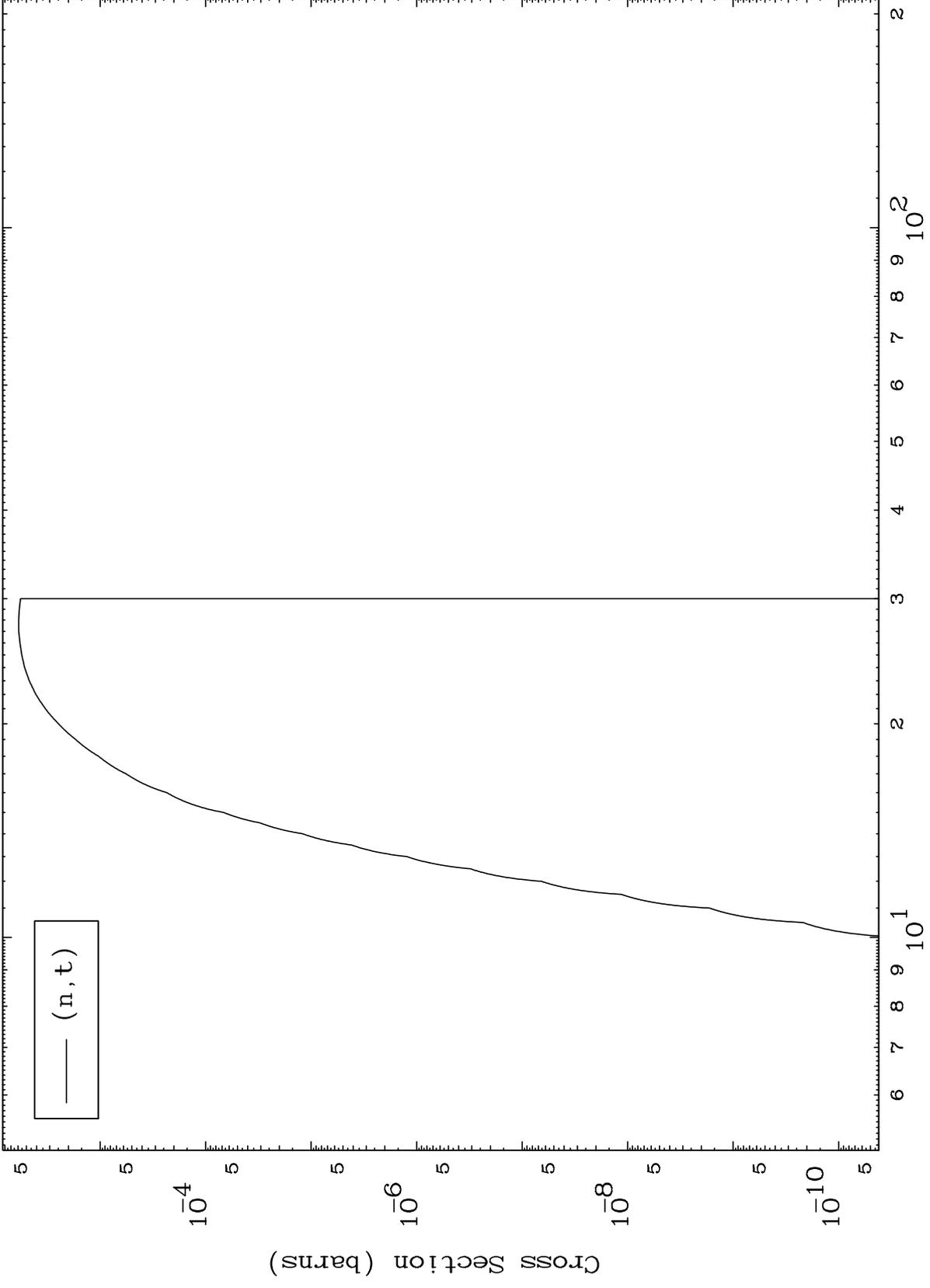
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MAT 6513

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-155



12

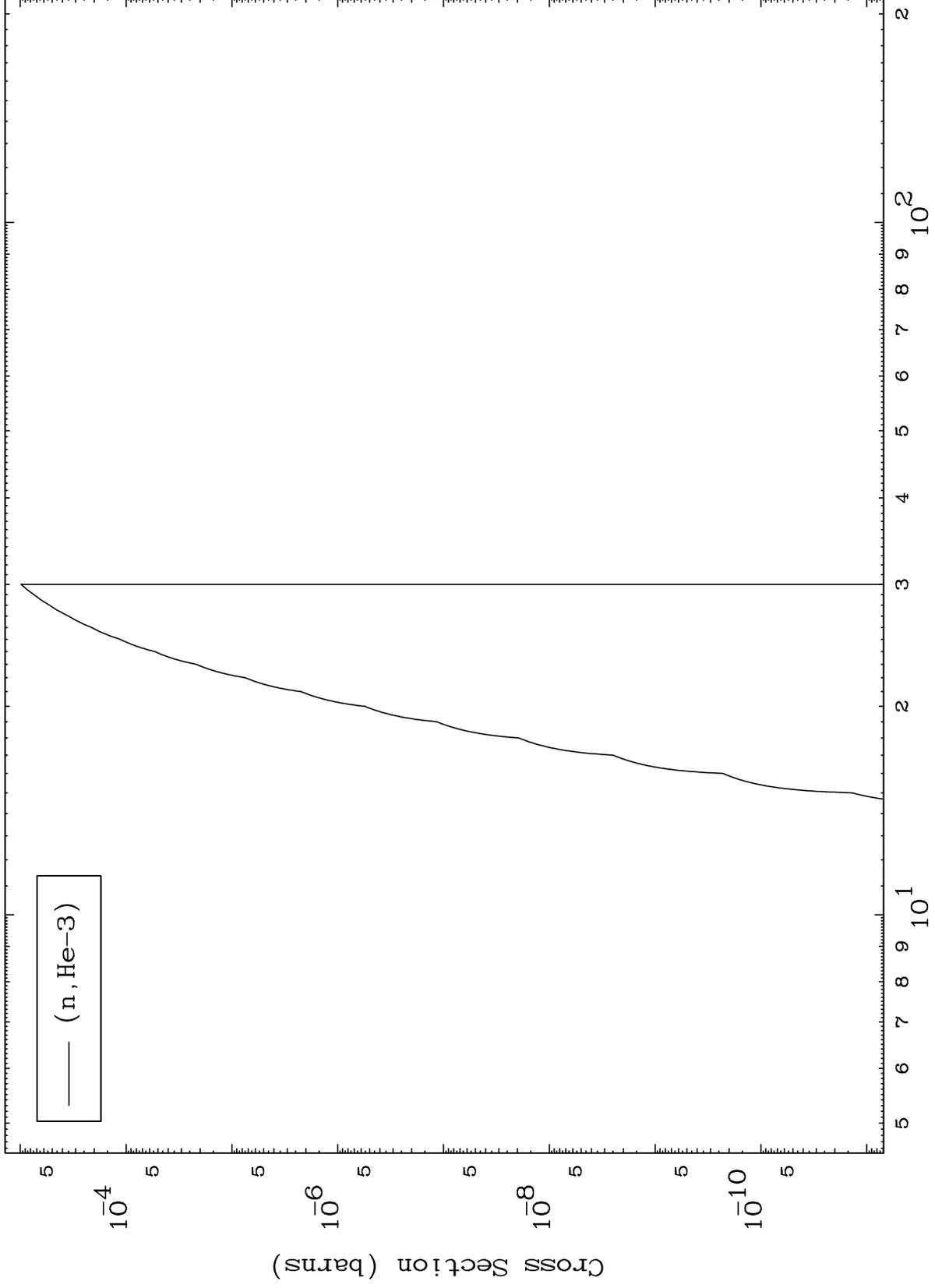
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MAT 6513

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-155



13

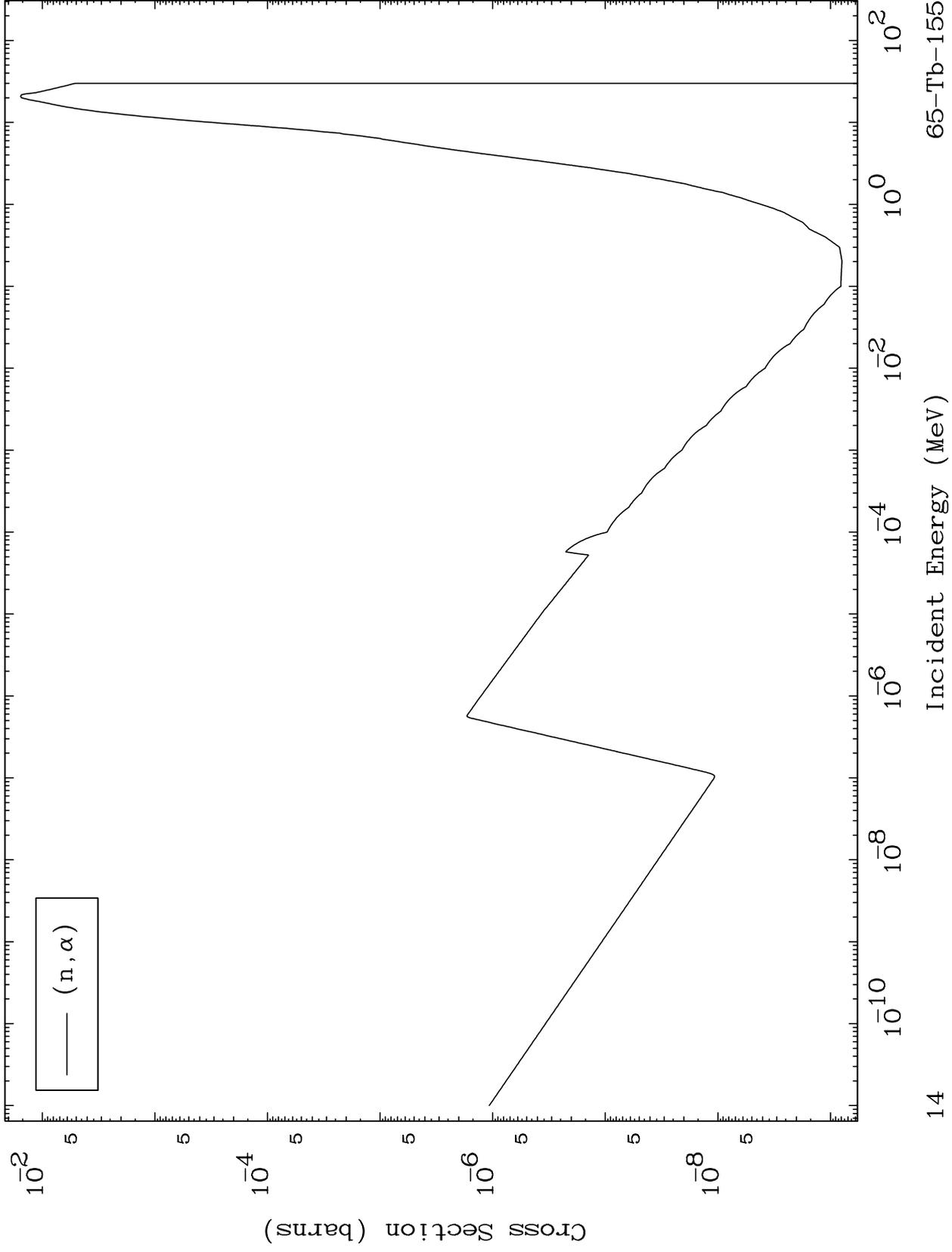
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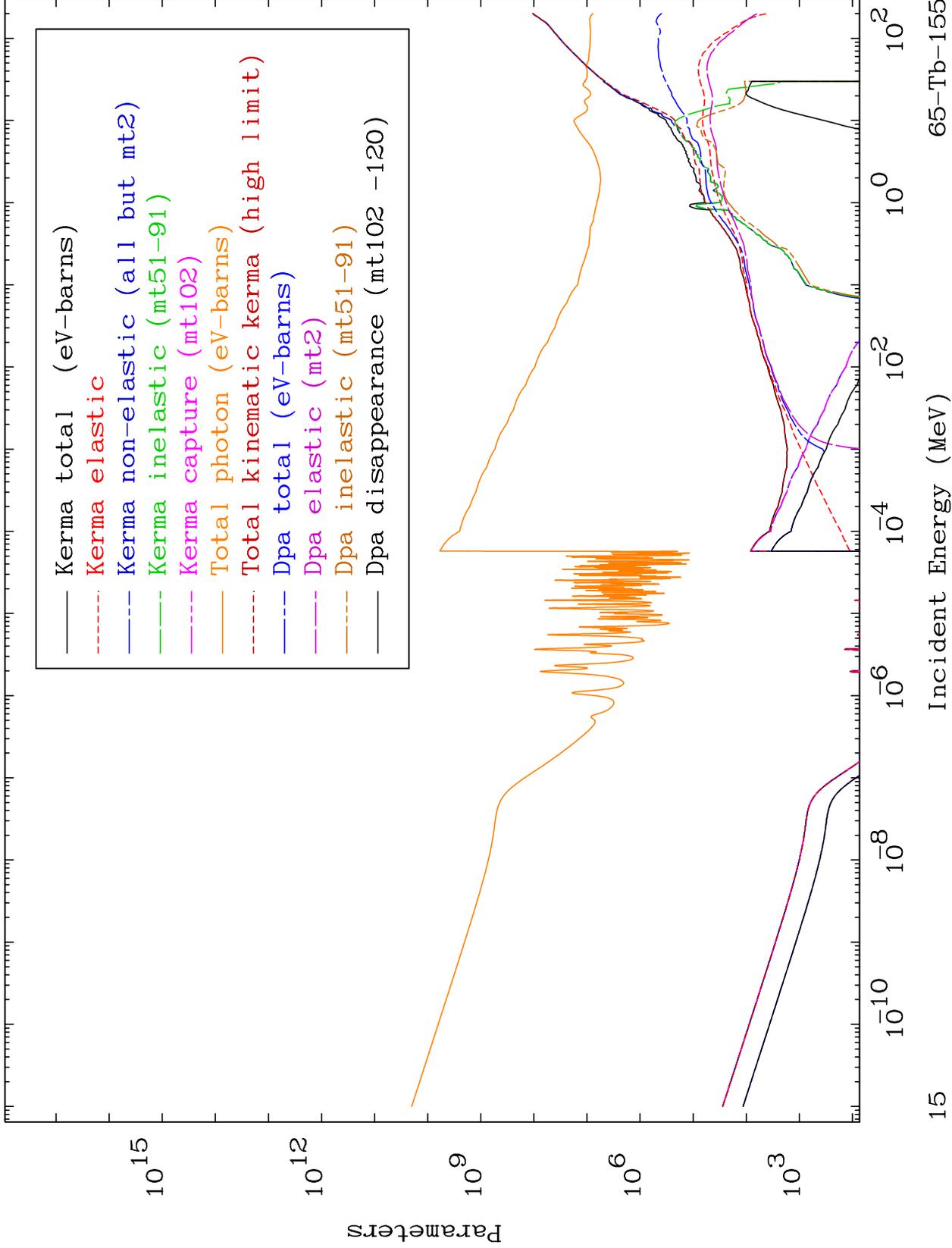
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MAT 6513

(n,α) Levels
293 Kelvin Cross Sections

65-Tb-155

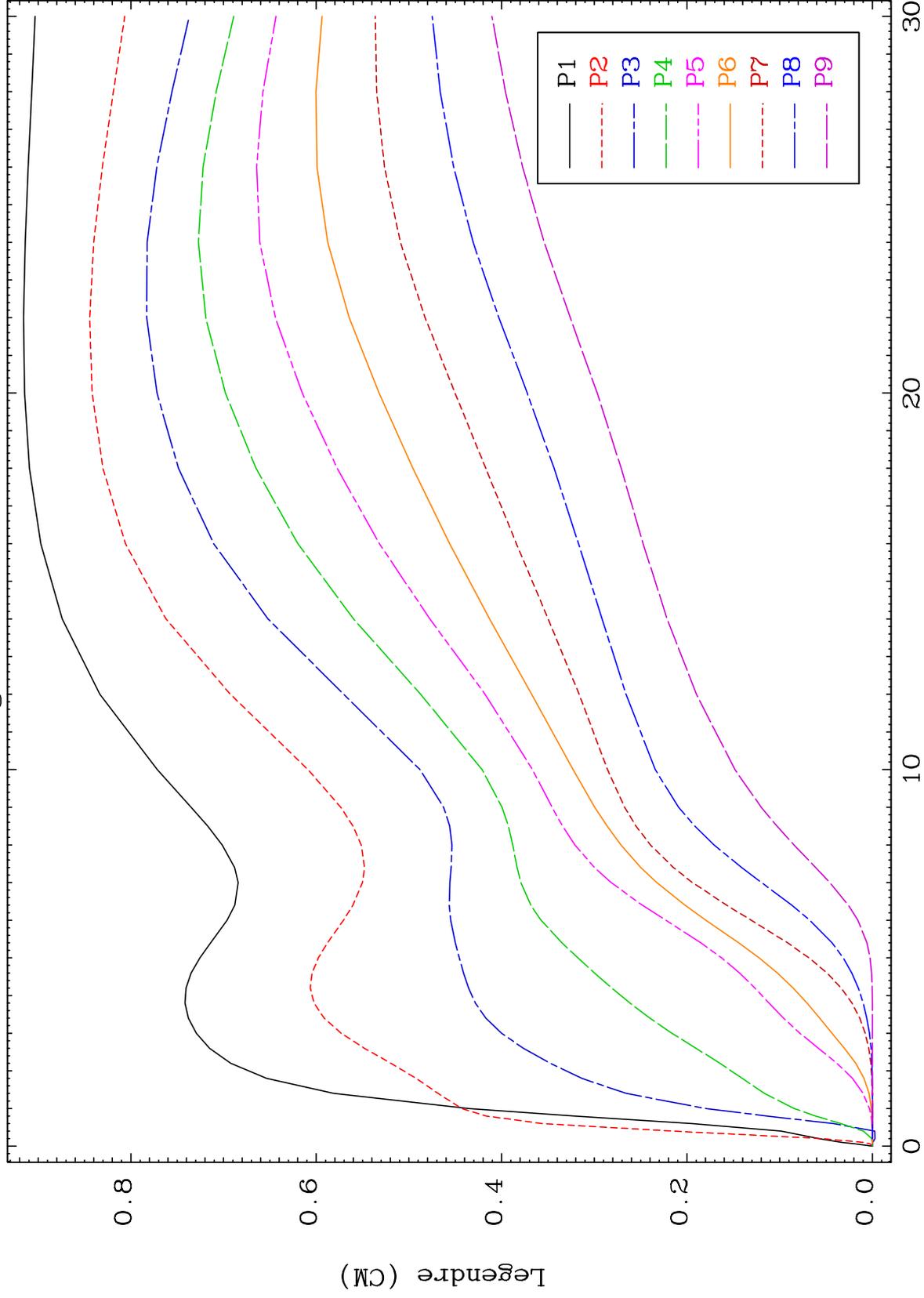




MAT 6513

Elastic Legendre Coefficients

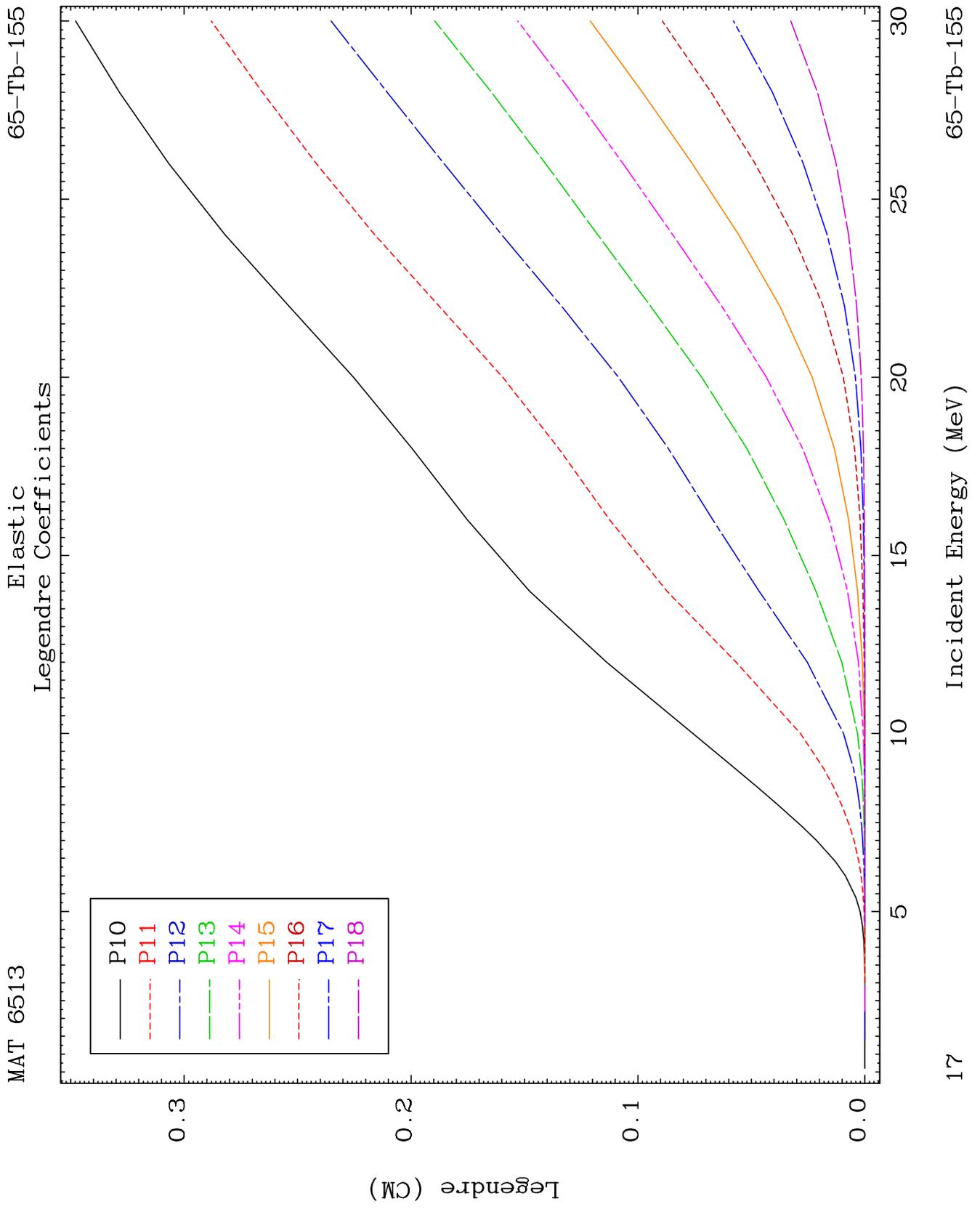
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16

Incident Energy (MeV)

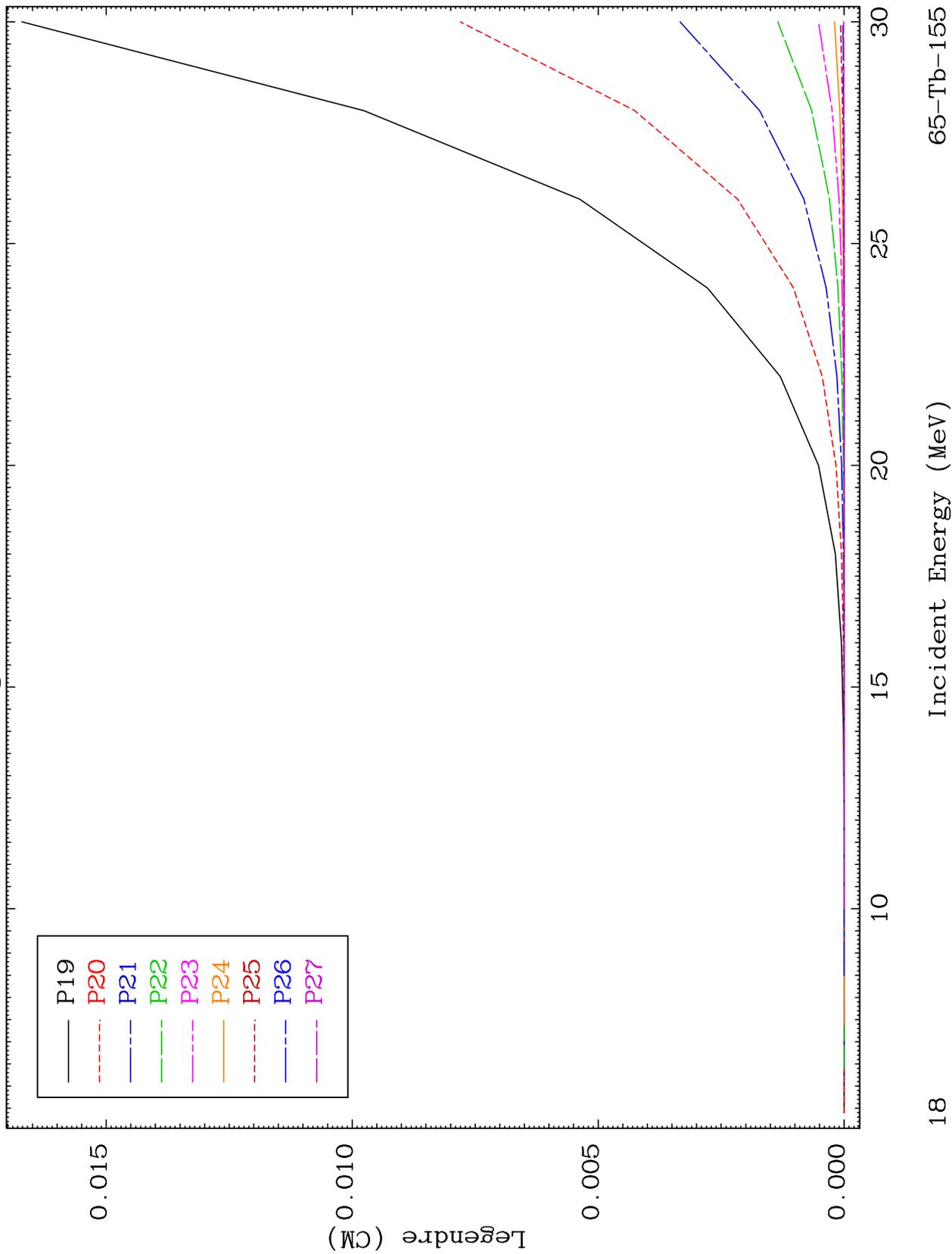
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MAT 6513

Elastic Legendre Coefficients

65-Tb-155

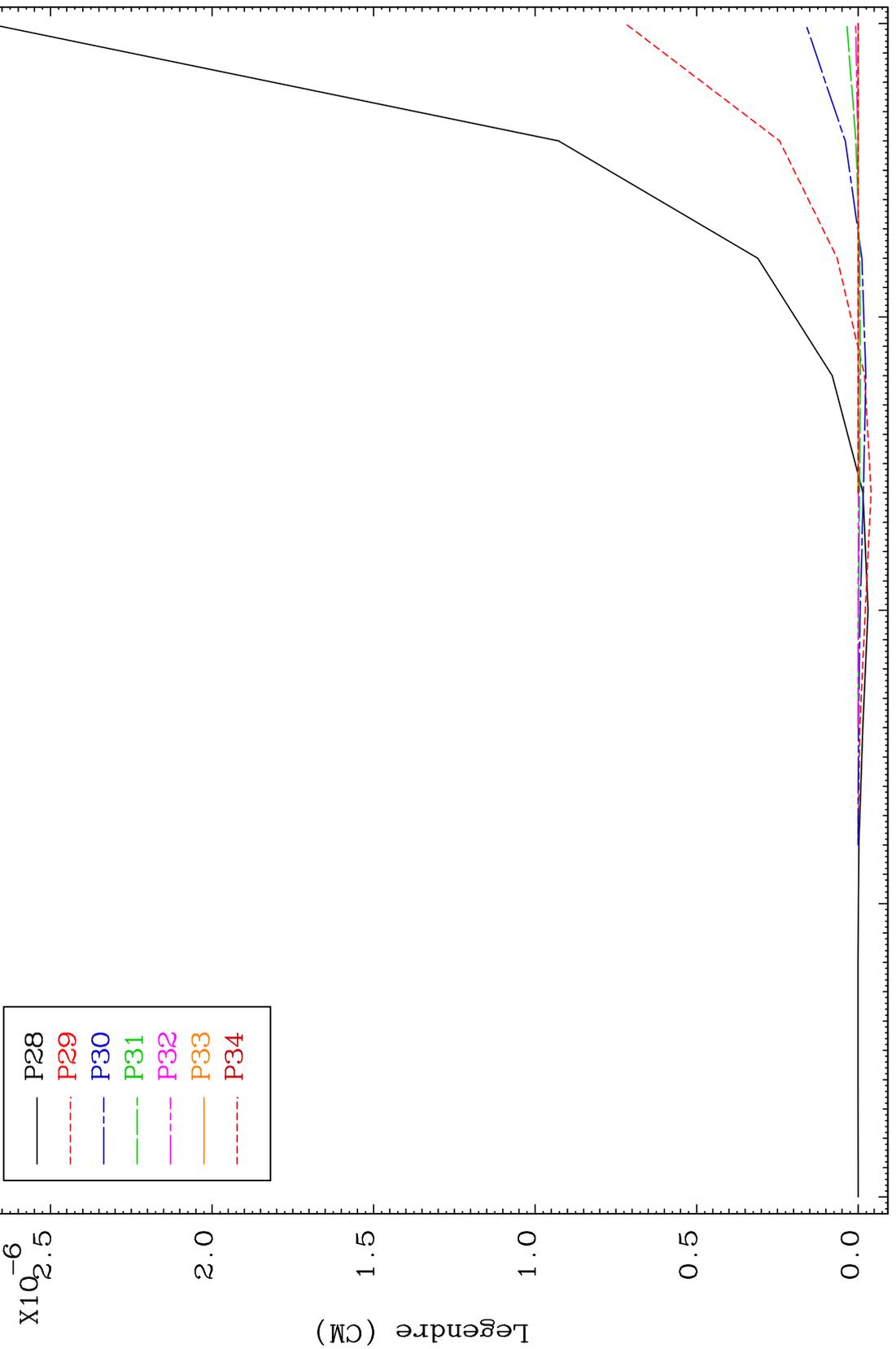
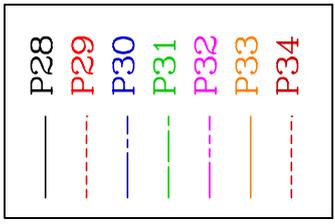


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 6513

Elastic Legendre Coefficients

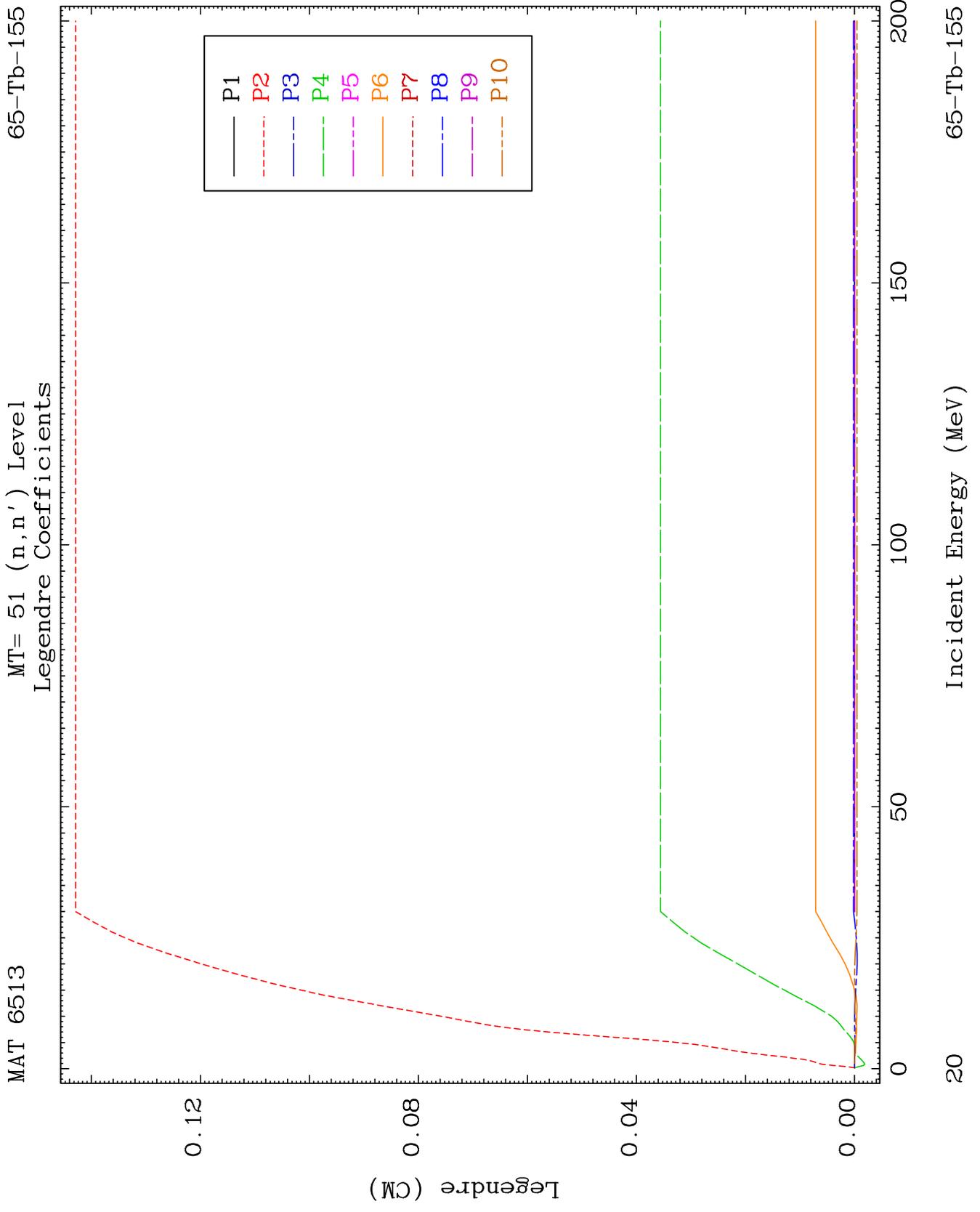
65-Tb-155



65-Tb-155

Incident Energy (MeV)

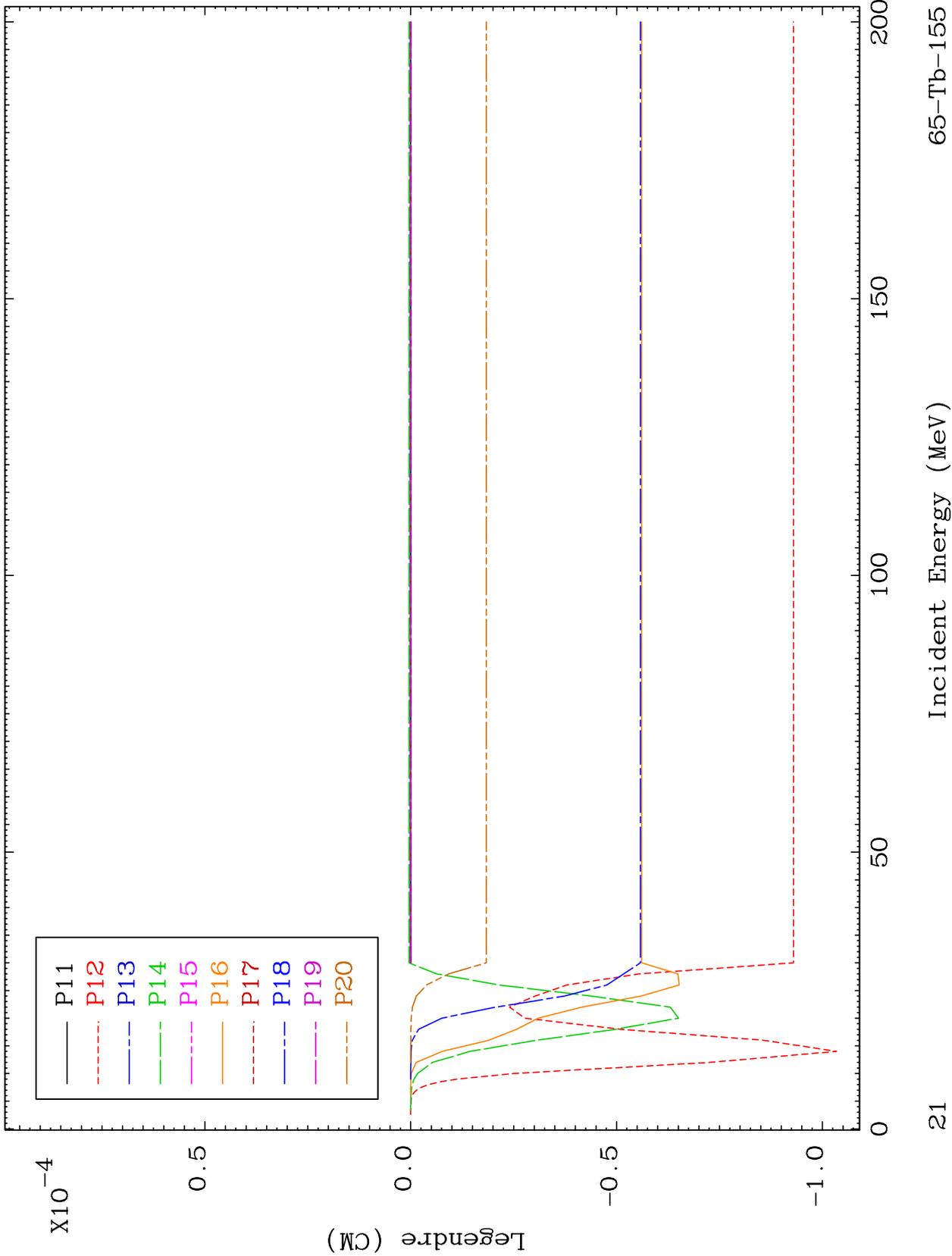
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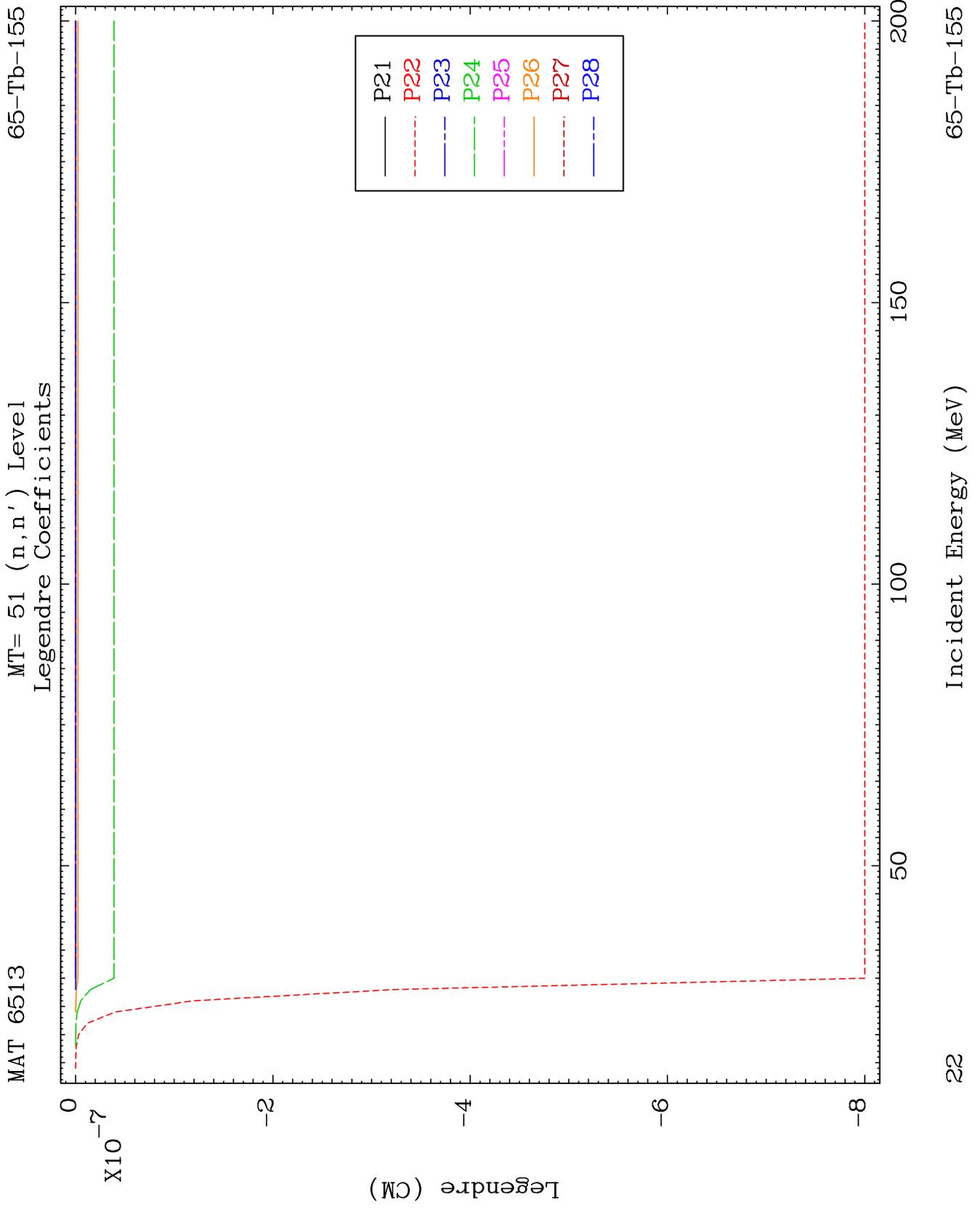


MAT 6513

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

65-Tb-155

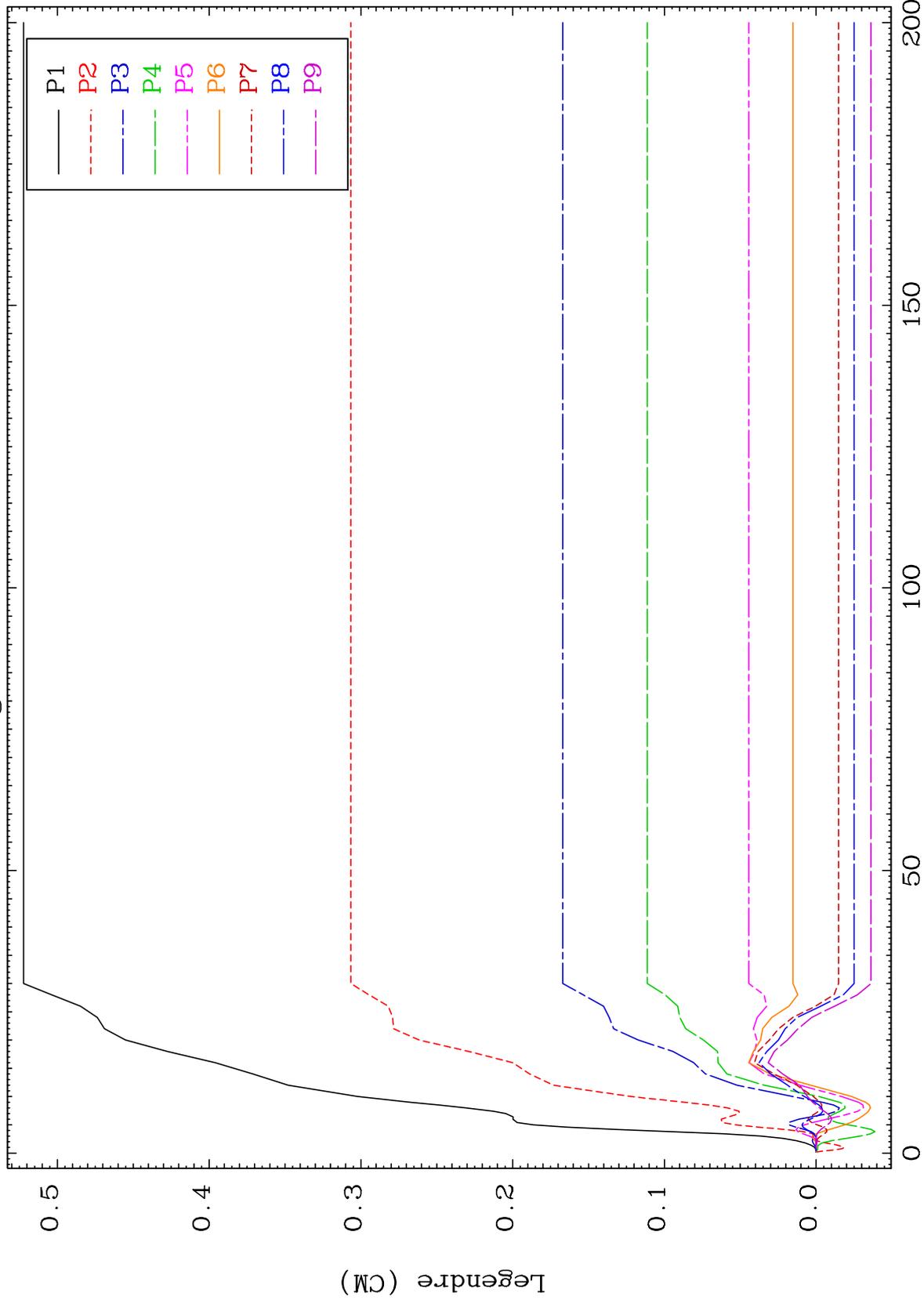




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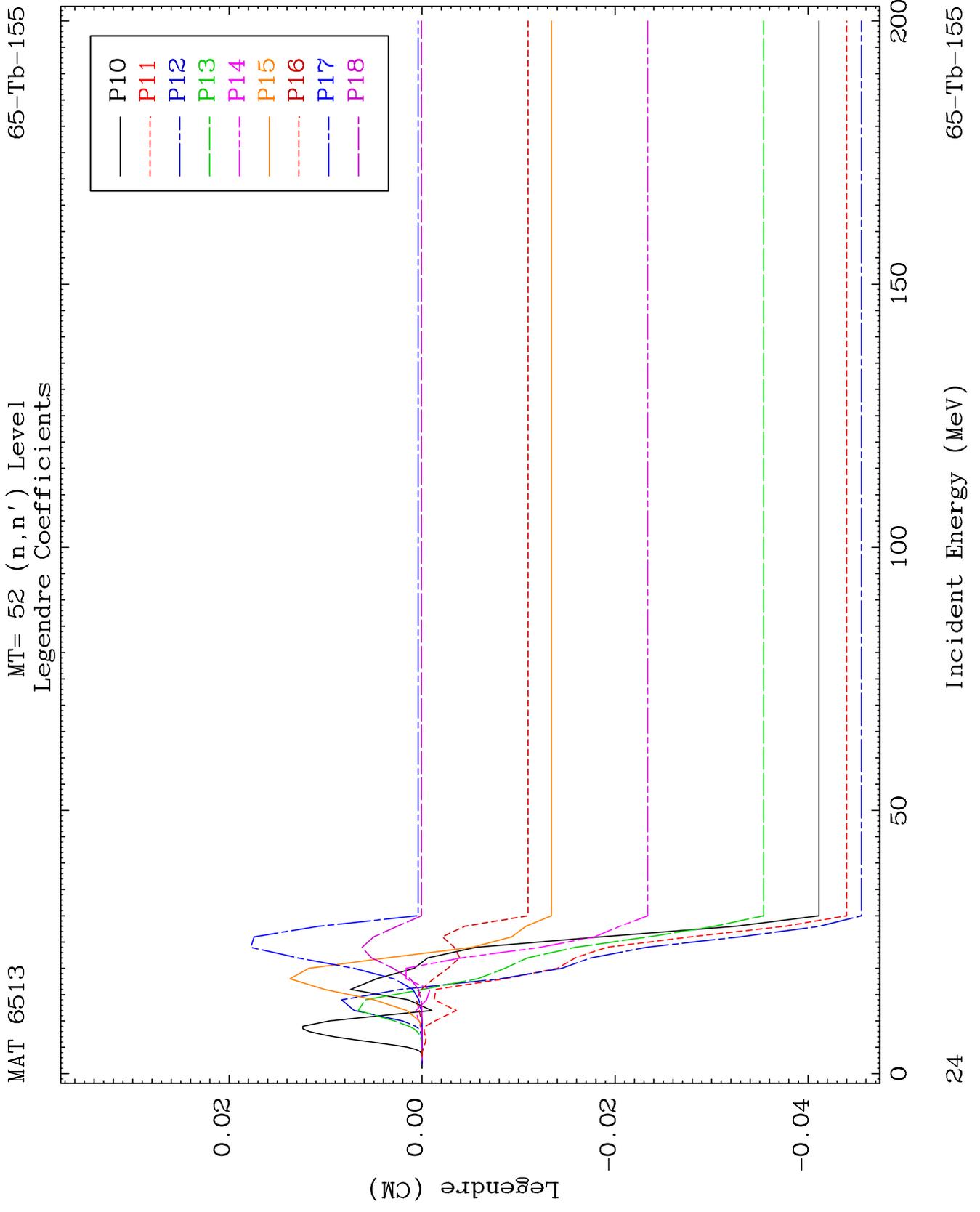
MT= 52 (n,n') Level
Legendre Coefficients

65-Tb-155



23

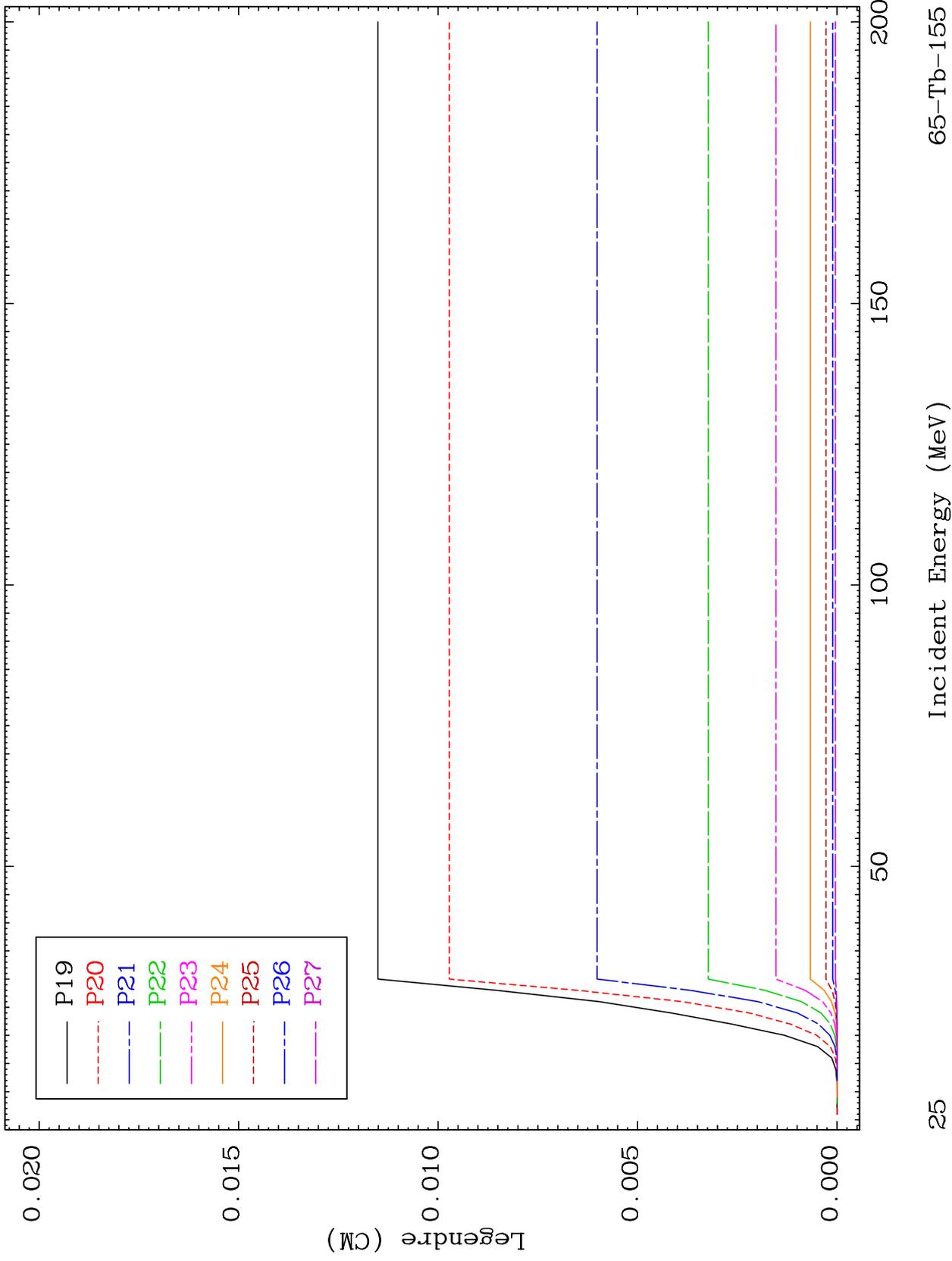
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MAT 6513

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

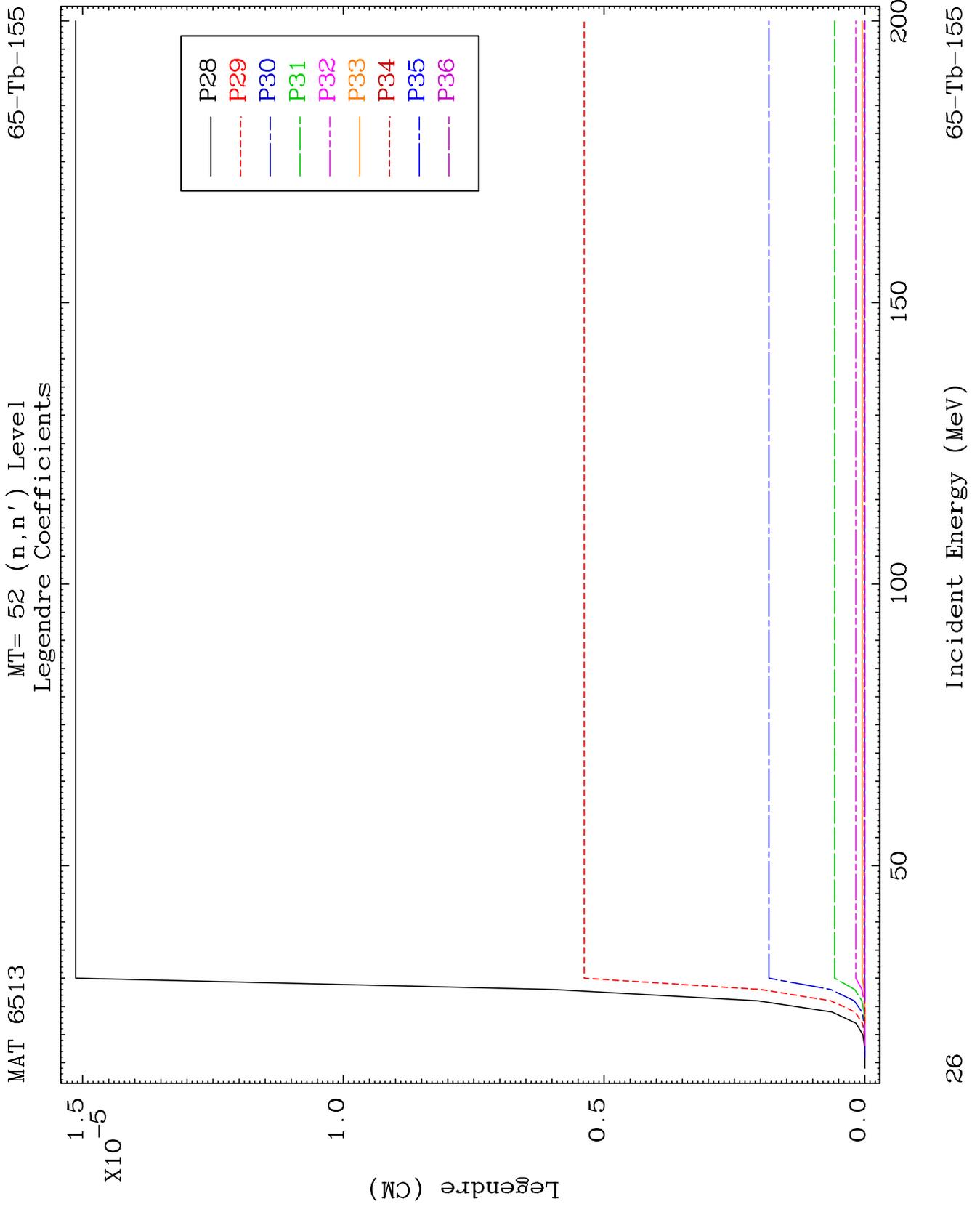
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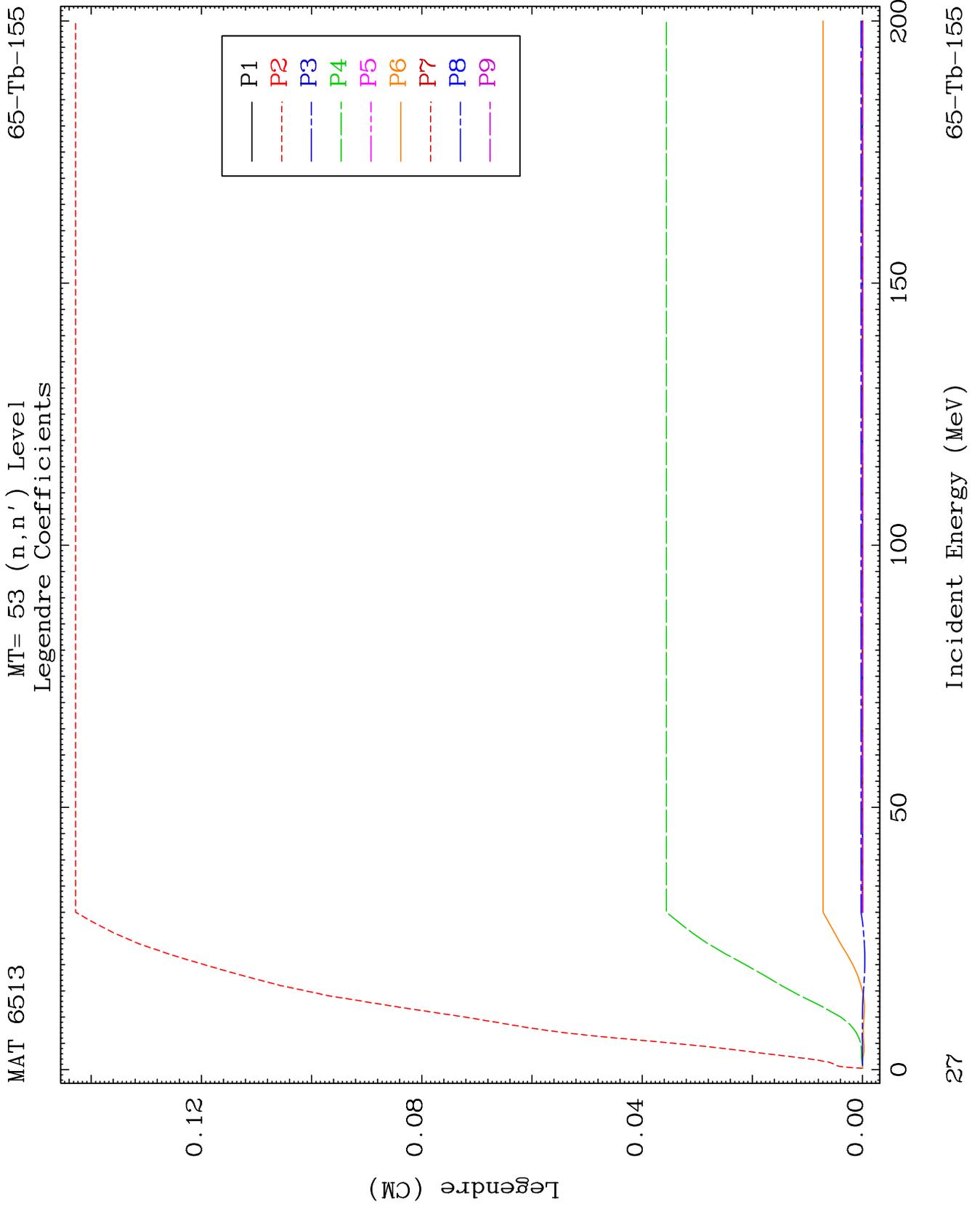


25

Incident Energy (MeV)

65-Tb-155

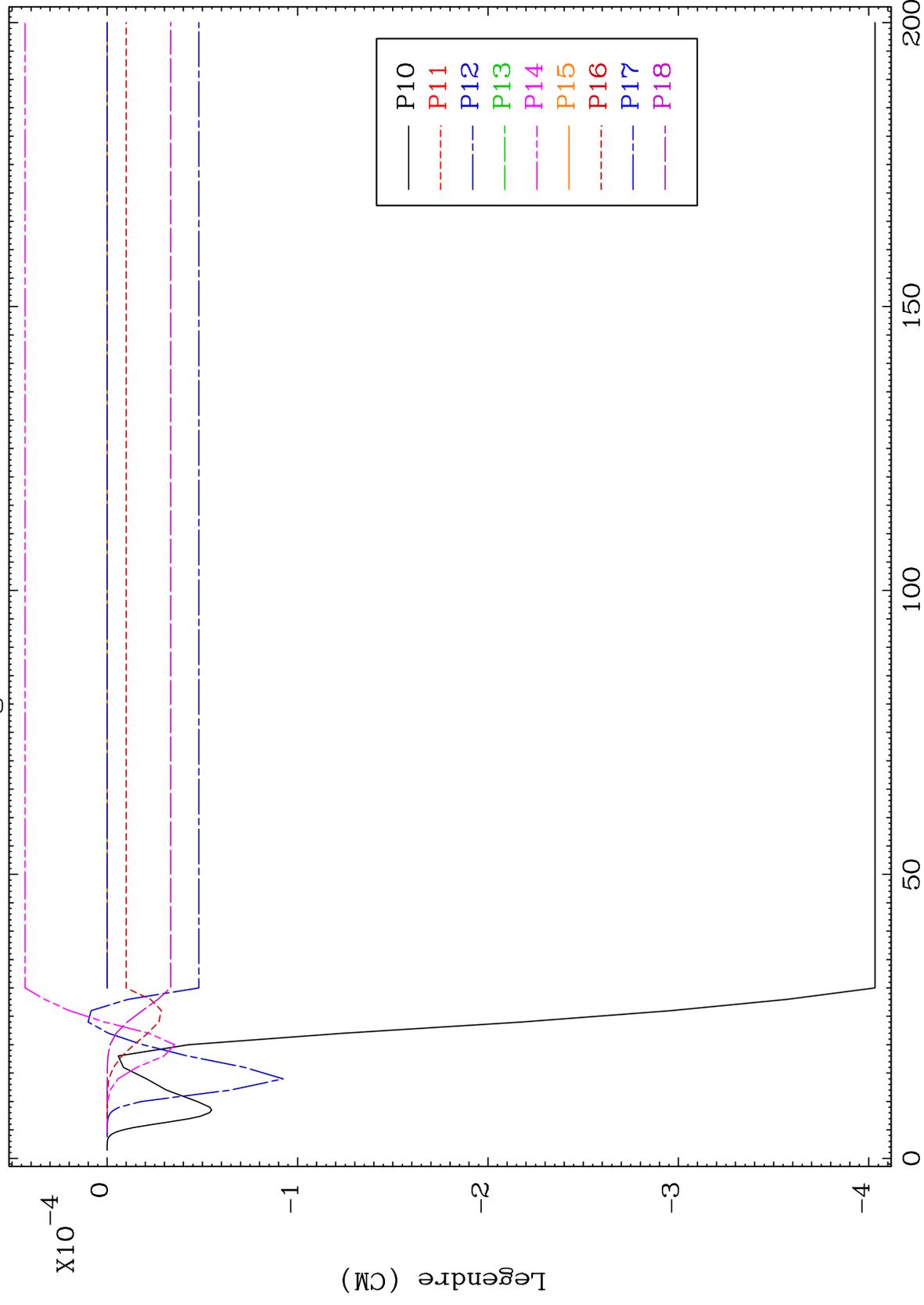




MAT 6513

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

65-Tb-155



28

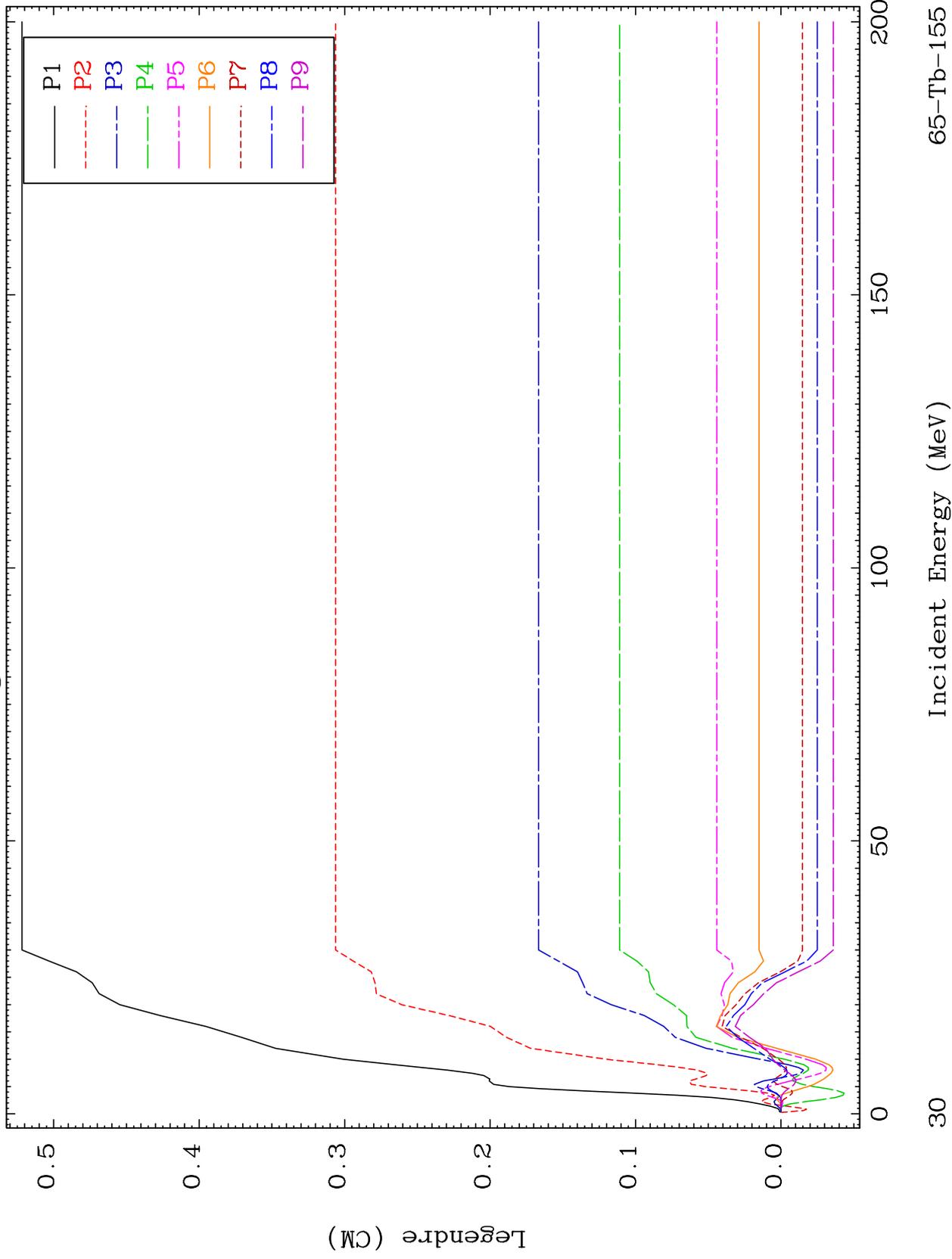
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

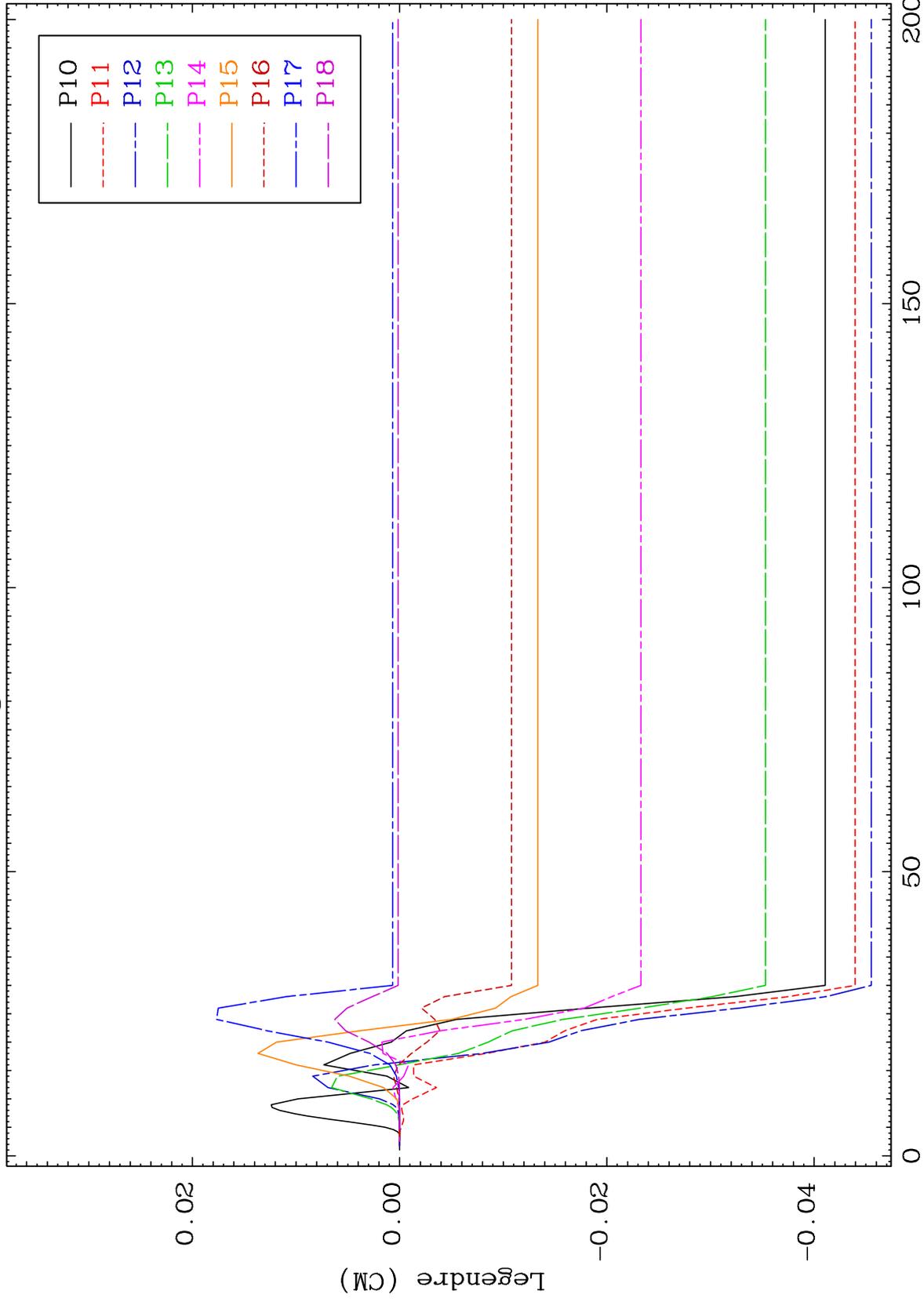
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MAT 6513

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

65-Tb-155



31

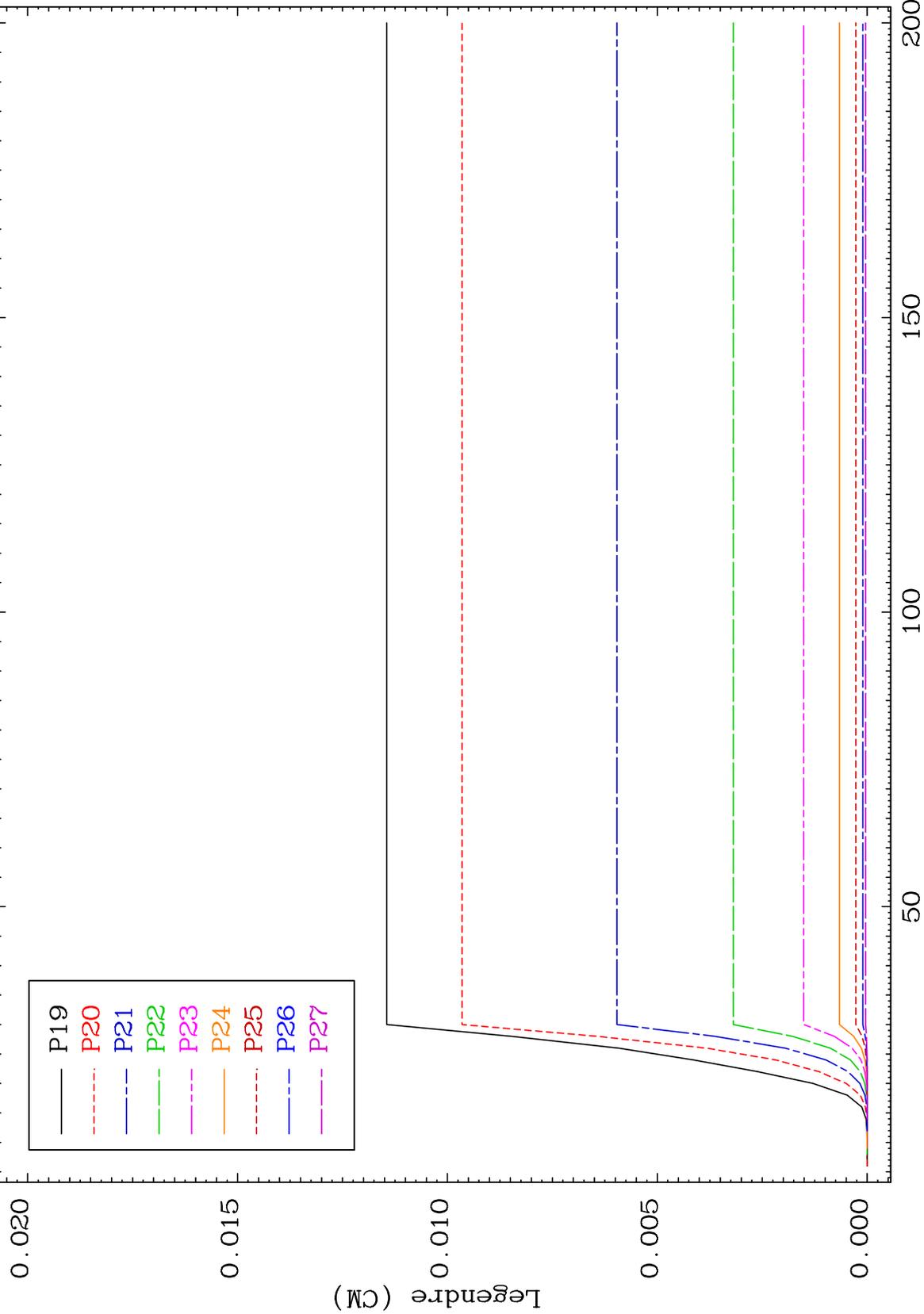
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

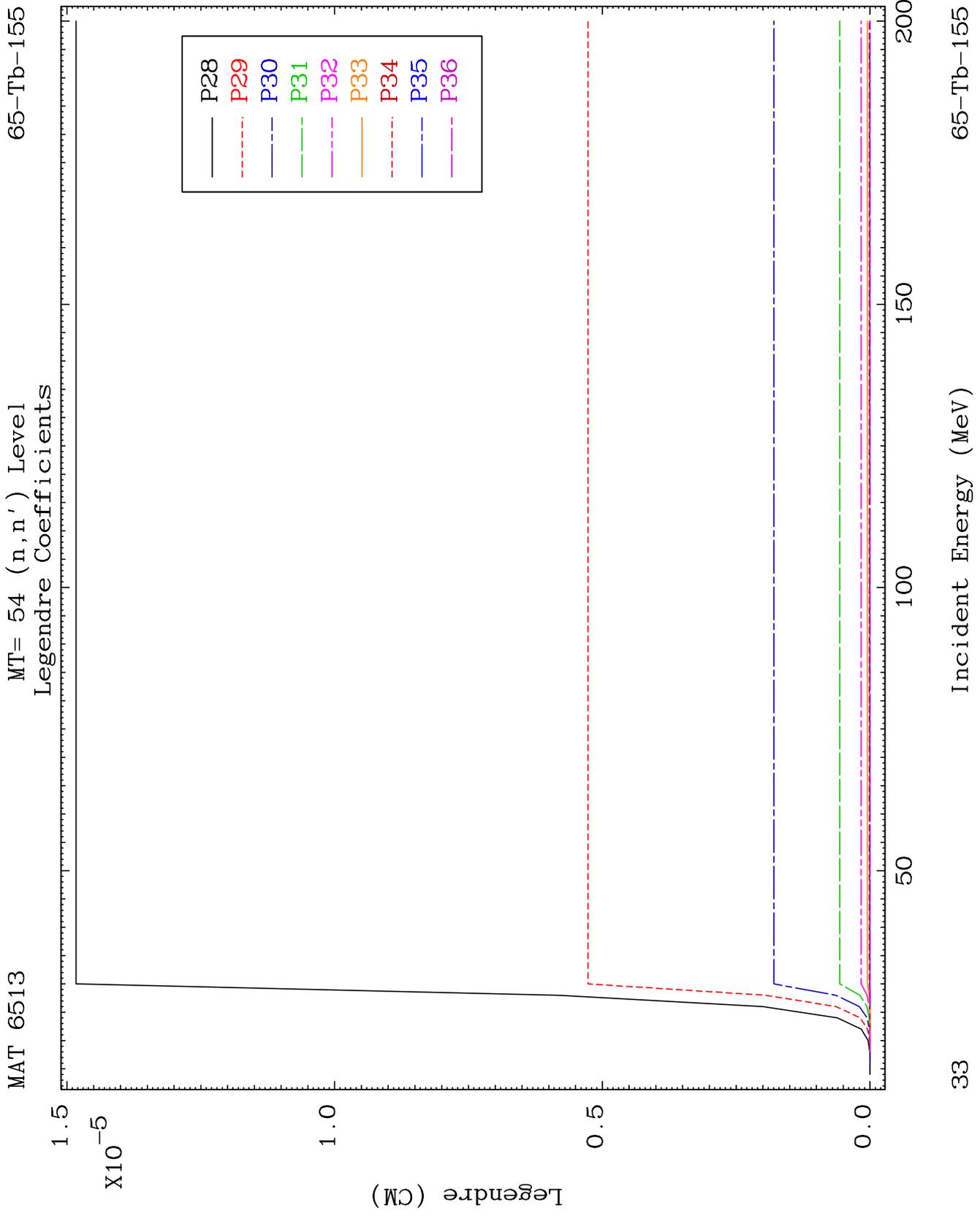
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32

Incident Energy (MeV)

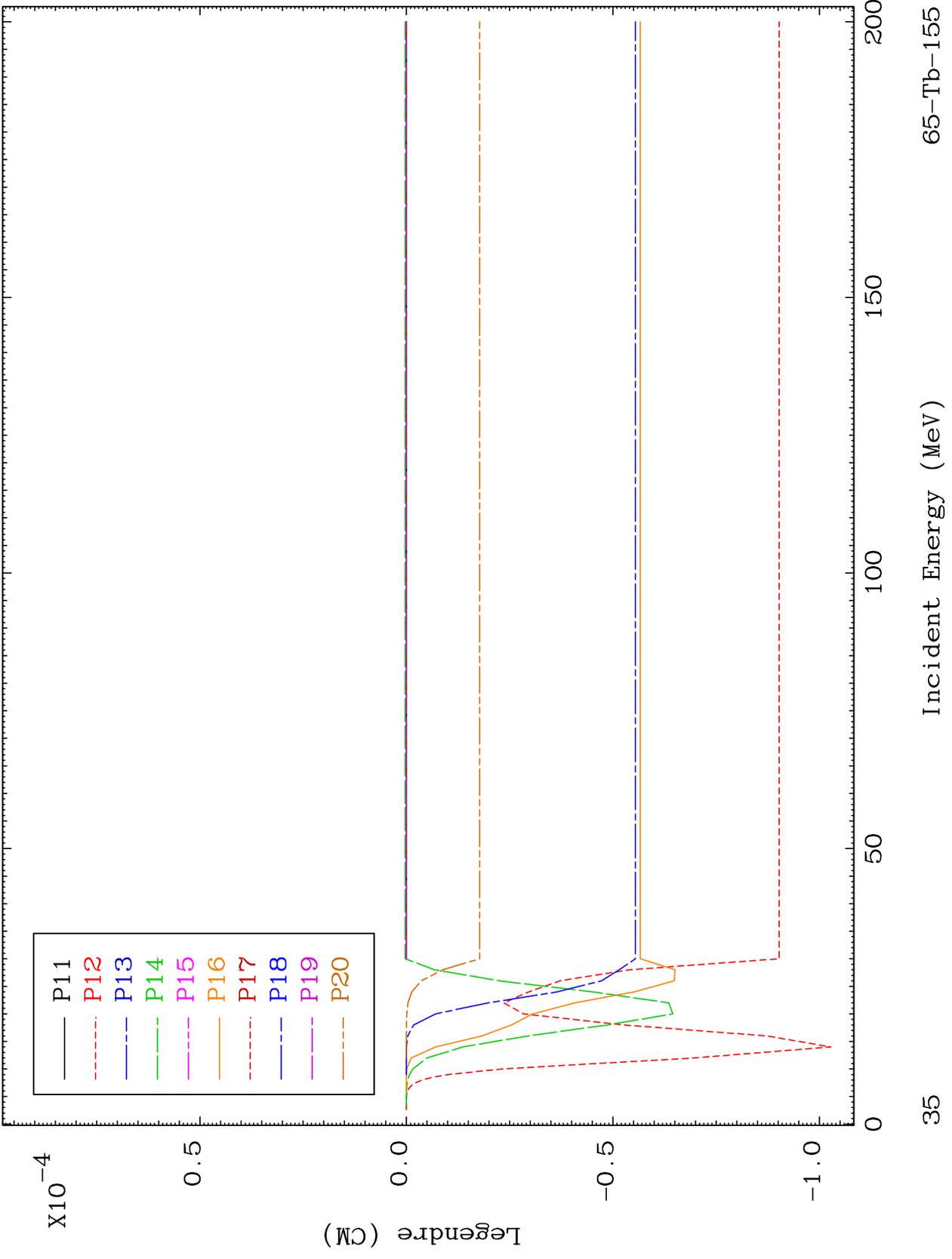
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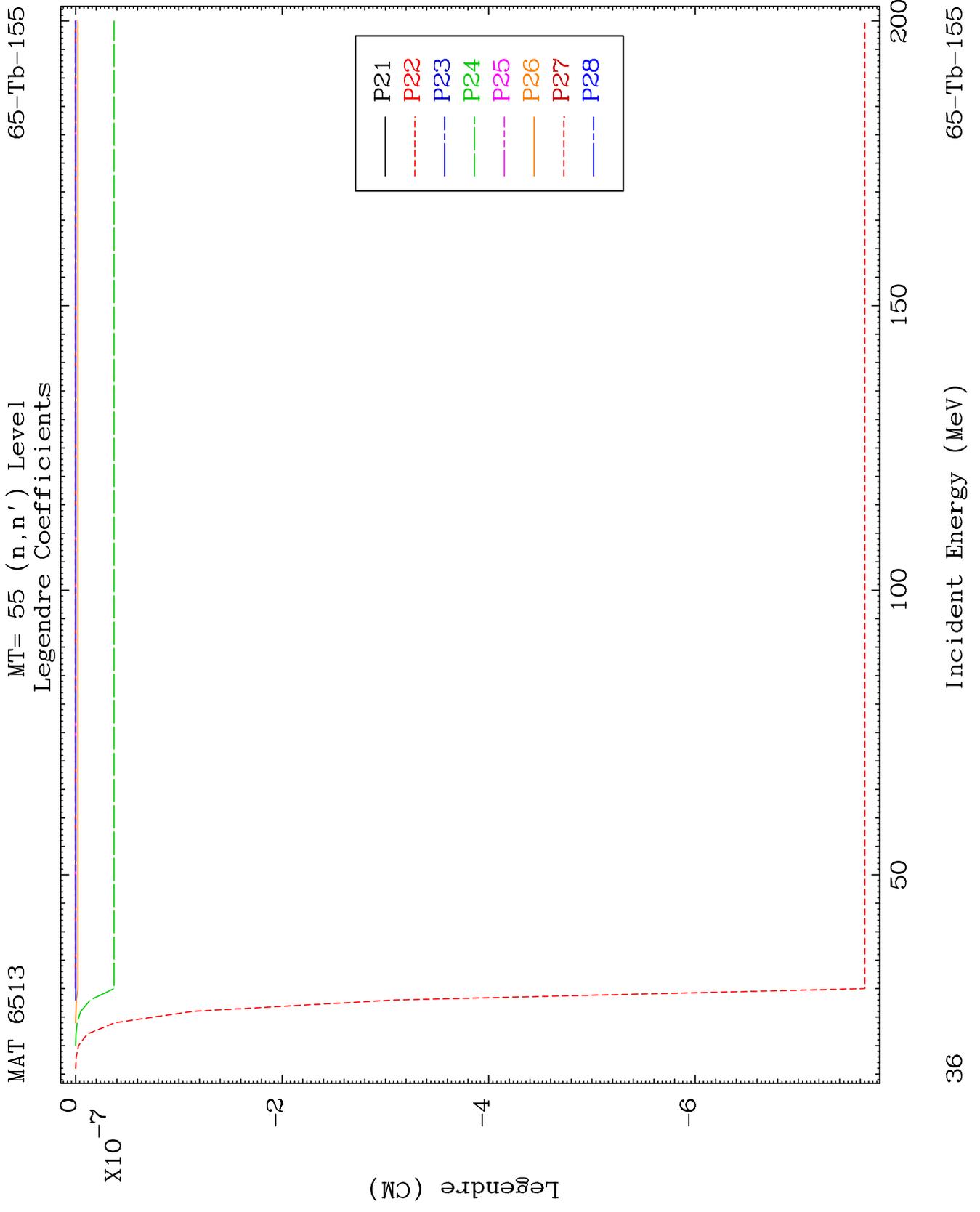


MAT 6513

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

65-Tb-155

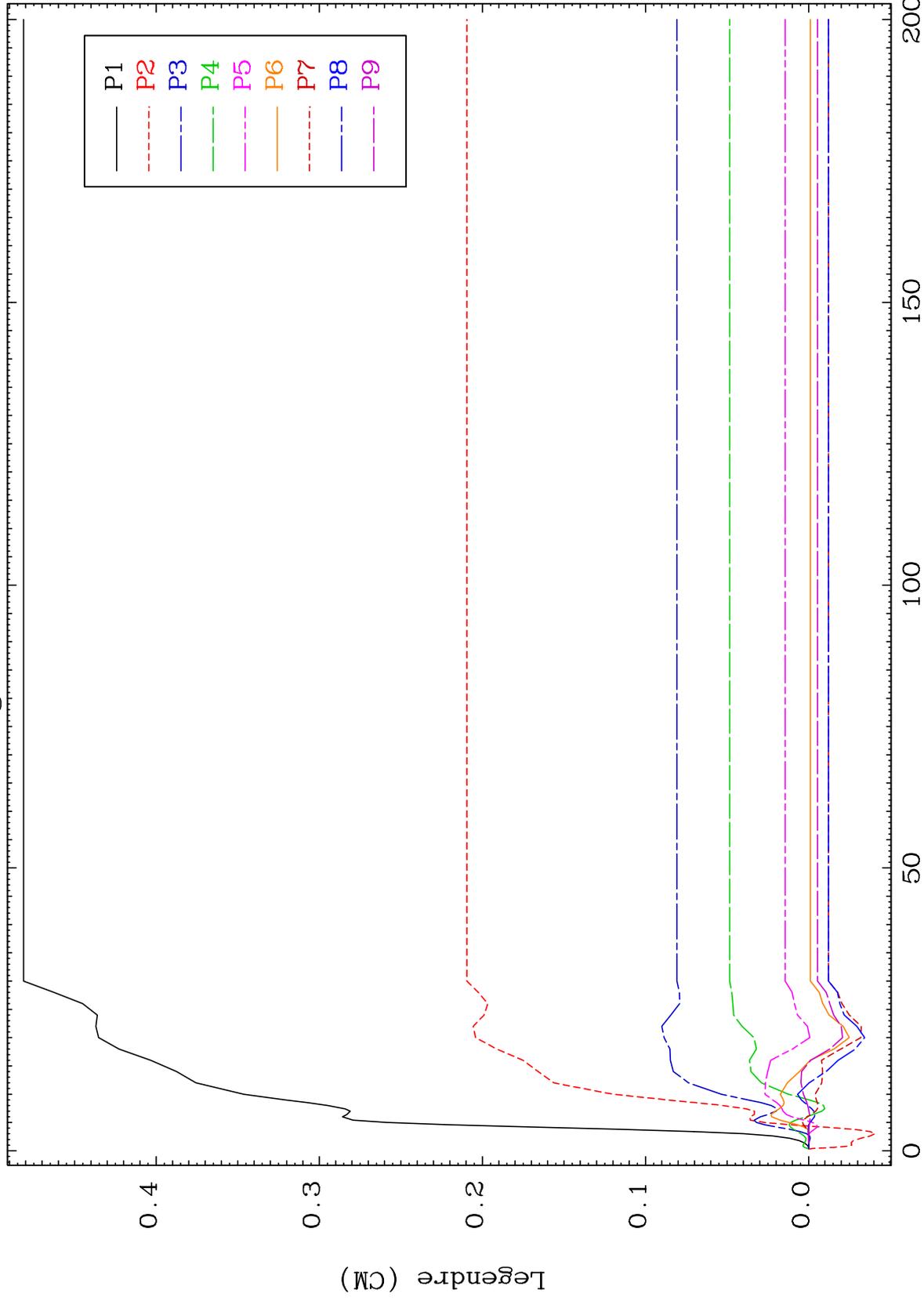




MAT 6513

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

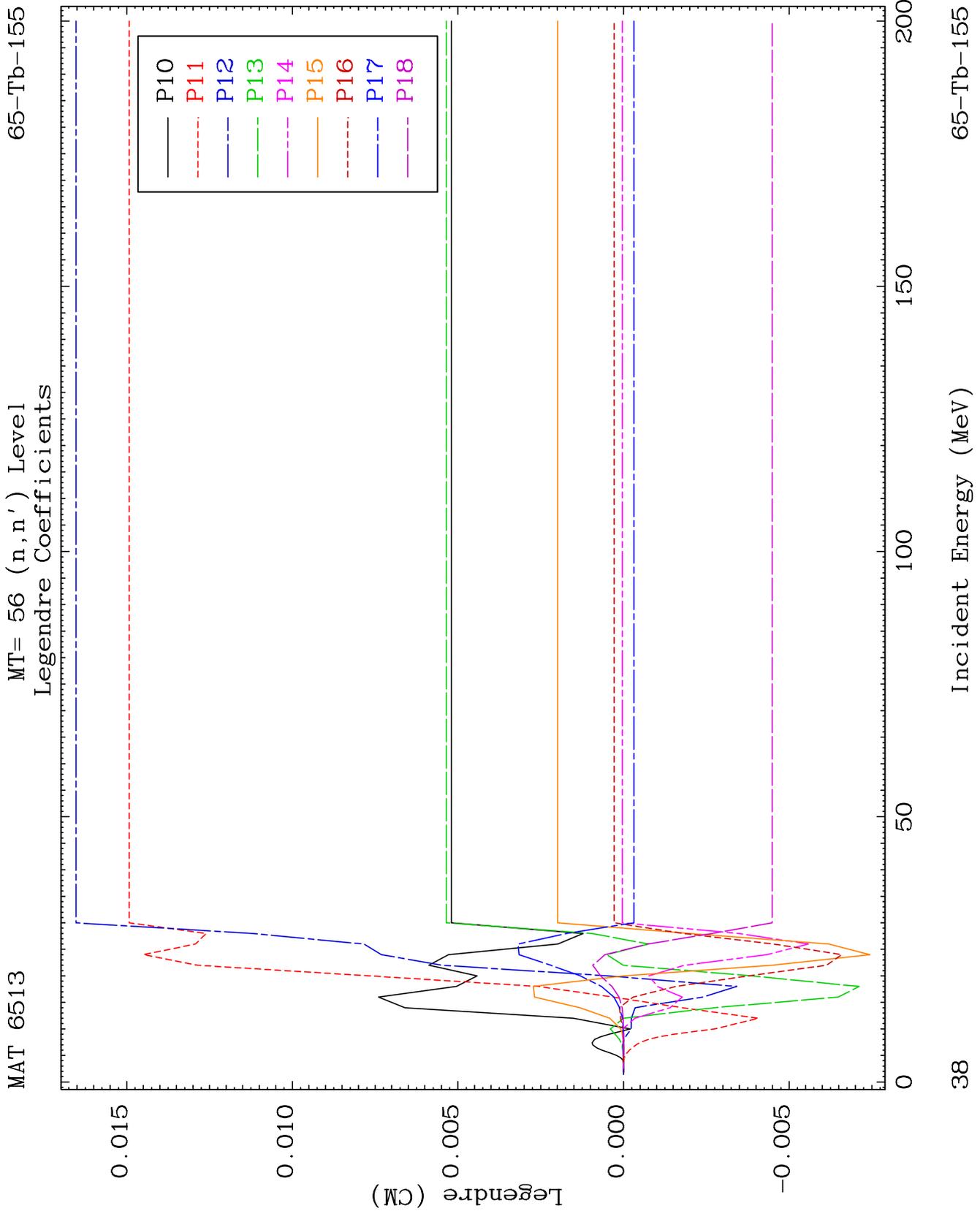
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37

Incident Energy (MeV)

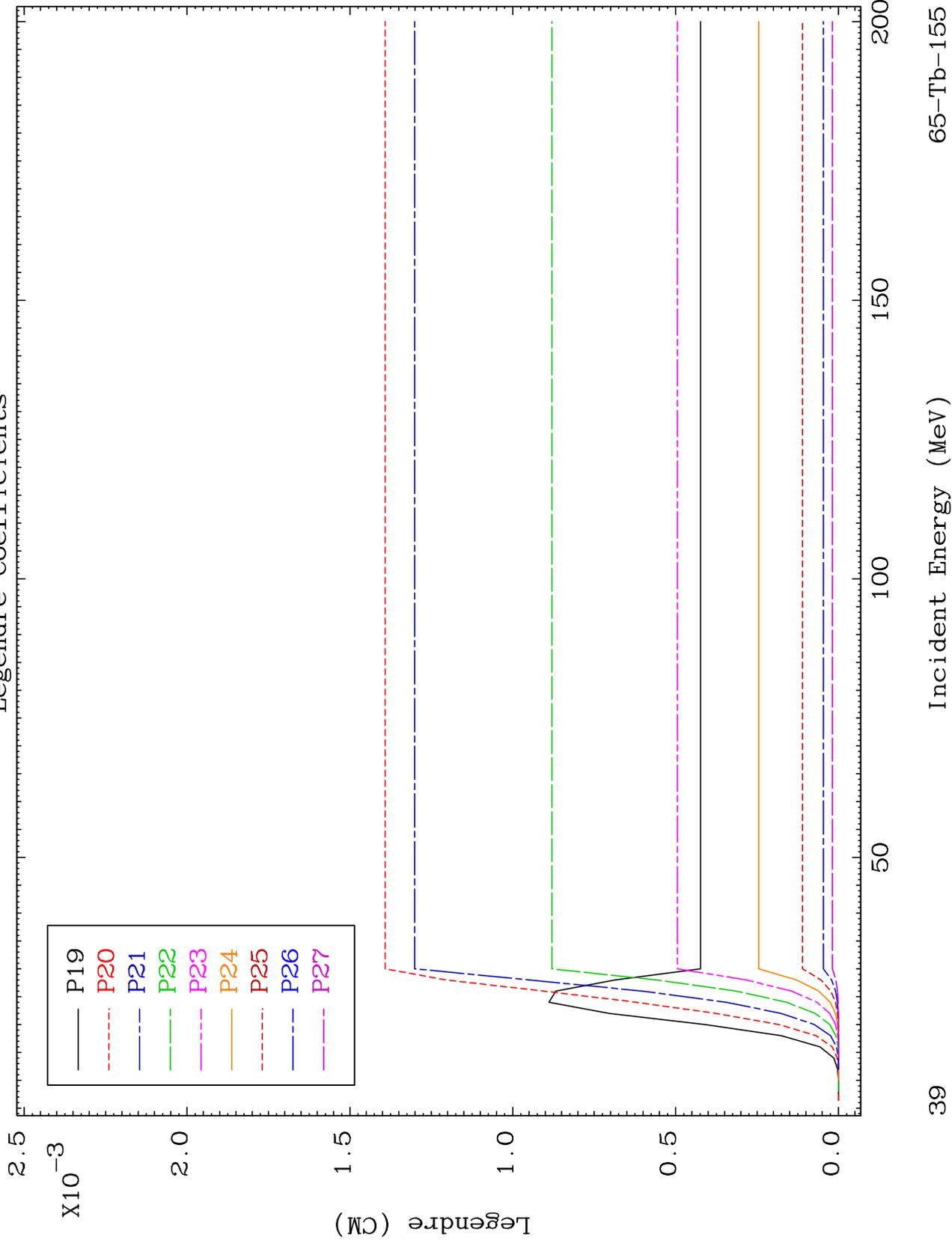
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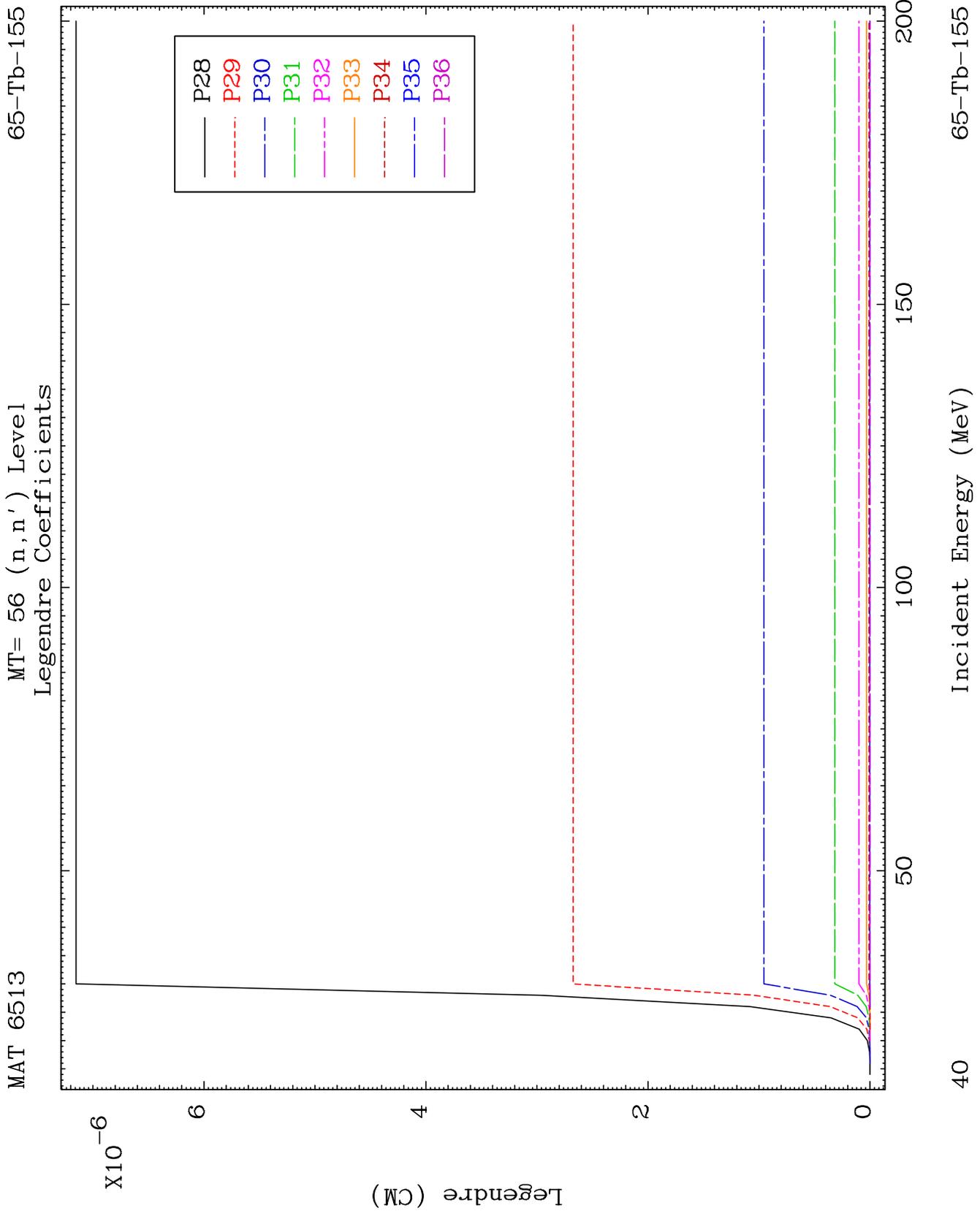


MAT 6513

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

65-Tb-155

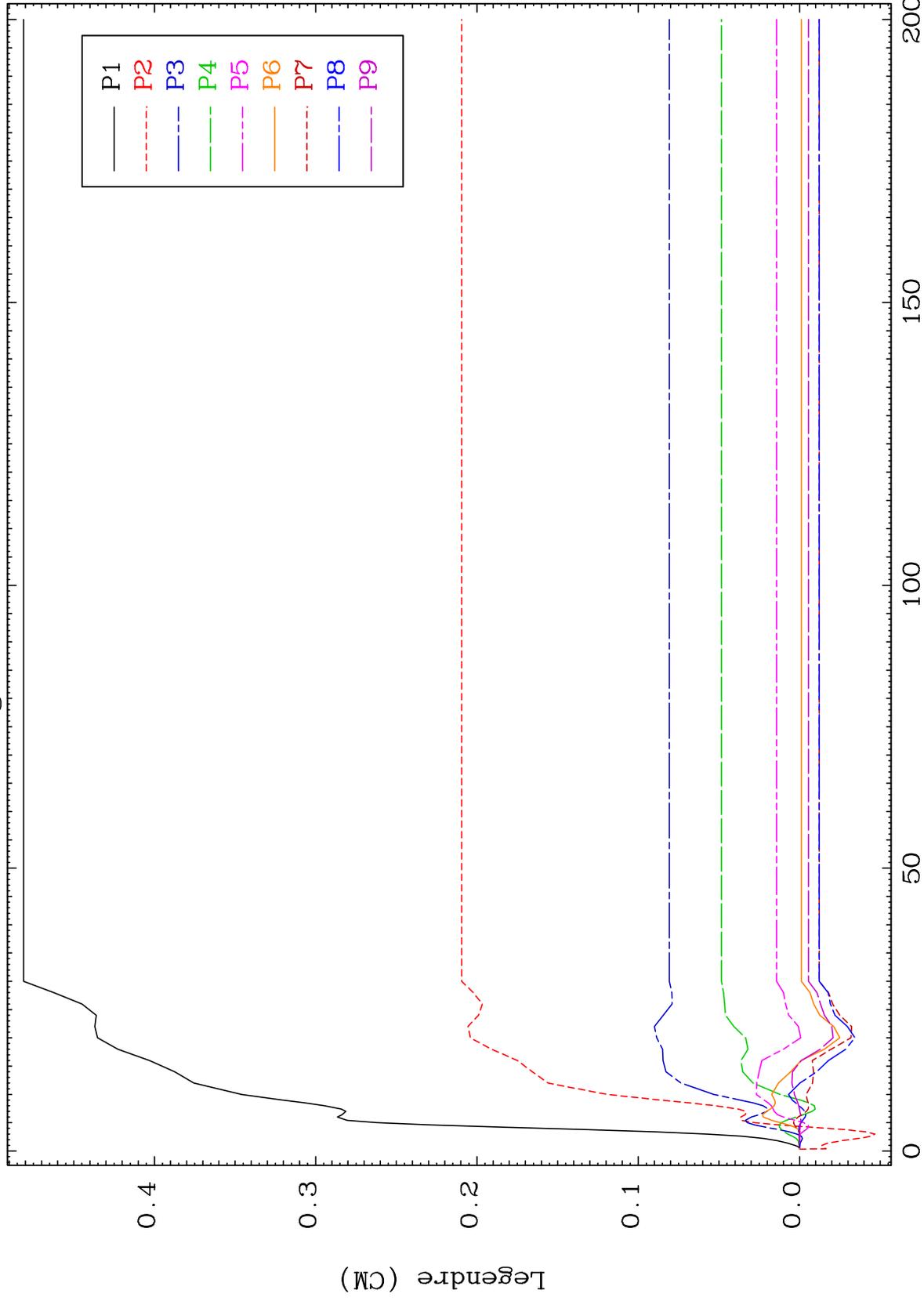




MAT 6513

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

65-Tb-155



65-Tb-155

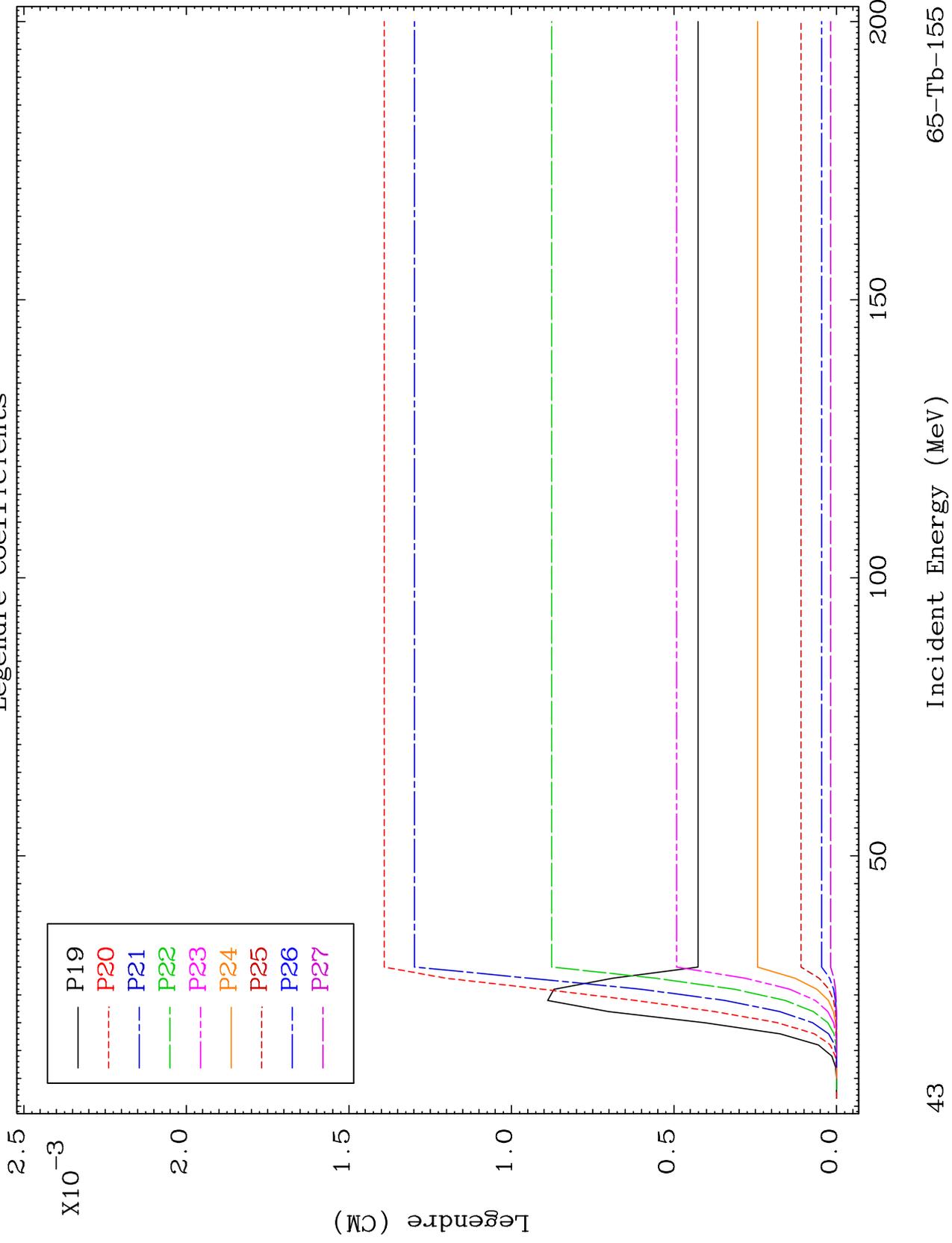
Incident Energy (MeV)

41

MAT 6513

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

65-Tb-155

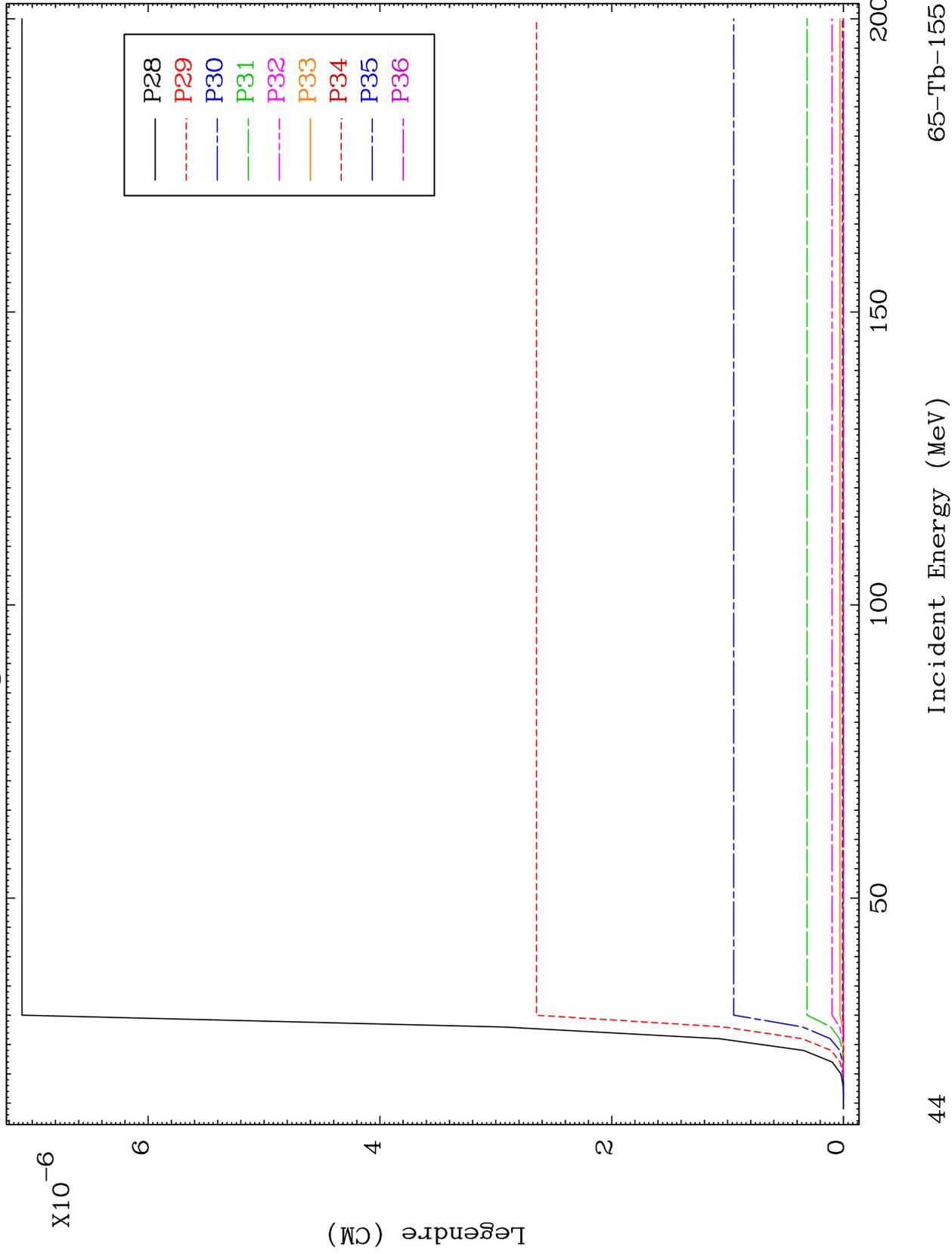


43

MAT 6513

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

65-Tb-155



44

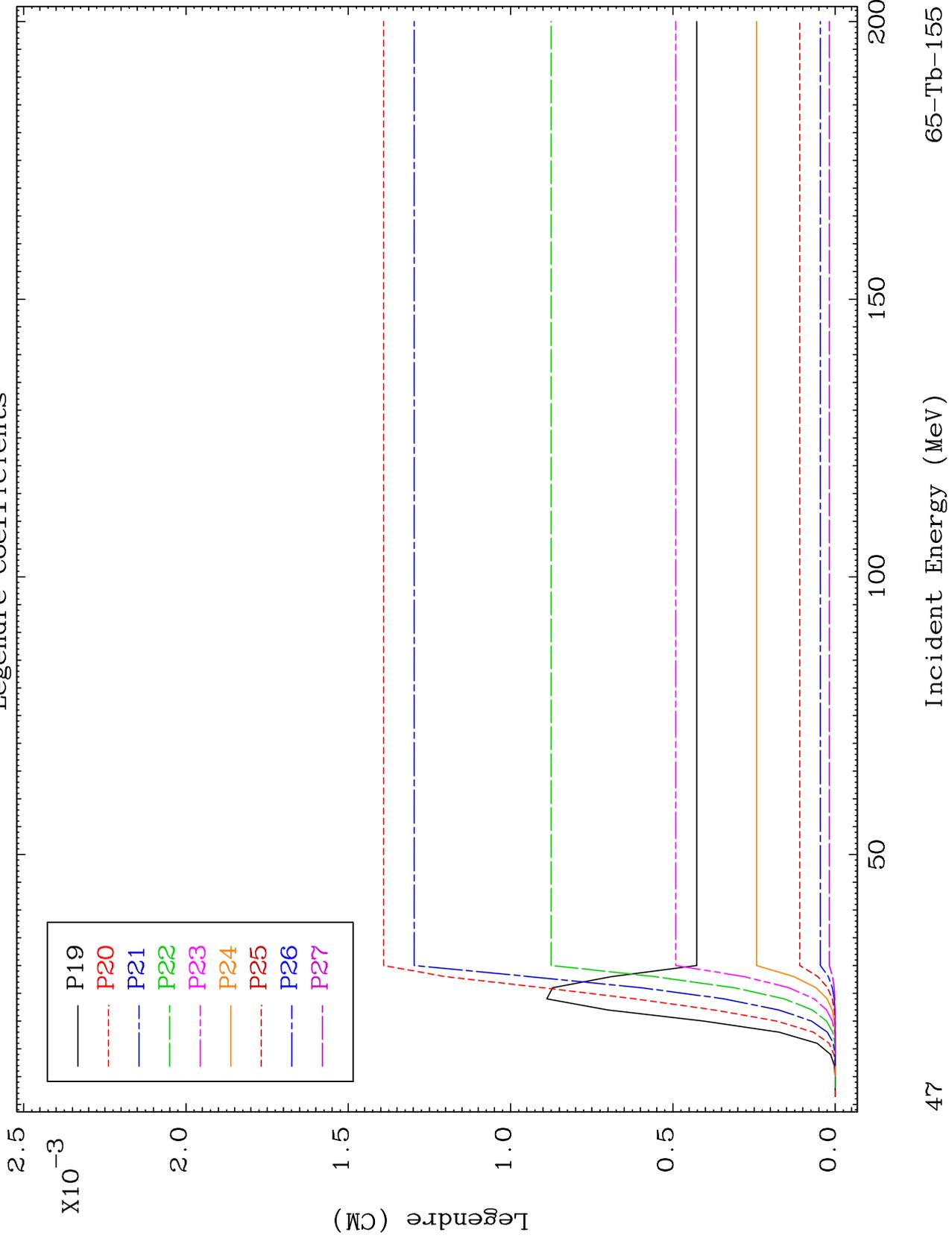
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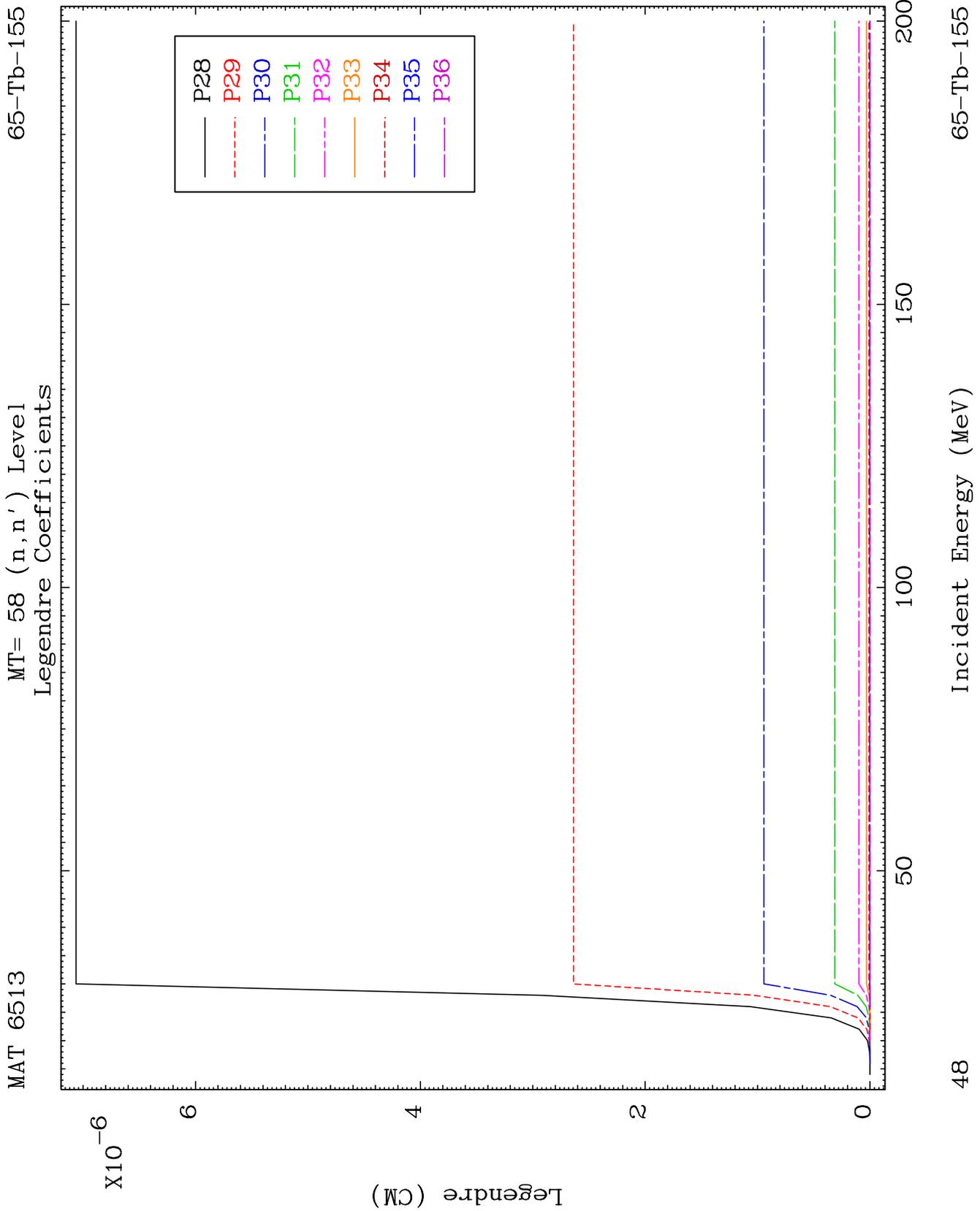
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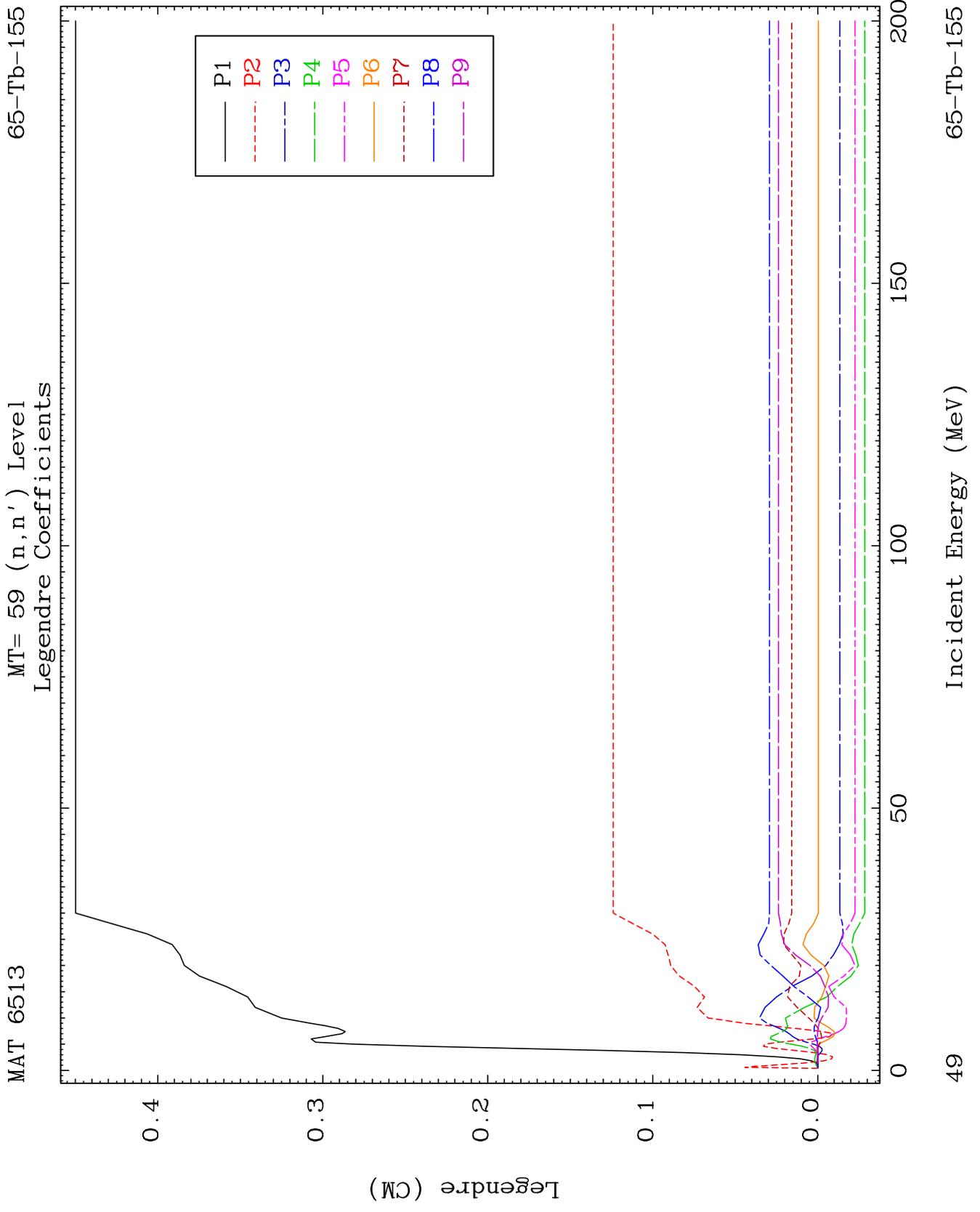
MAT 6513

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

65-Tb-155



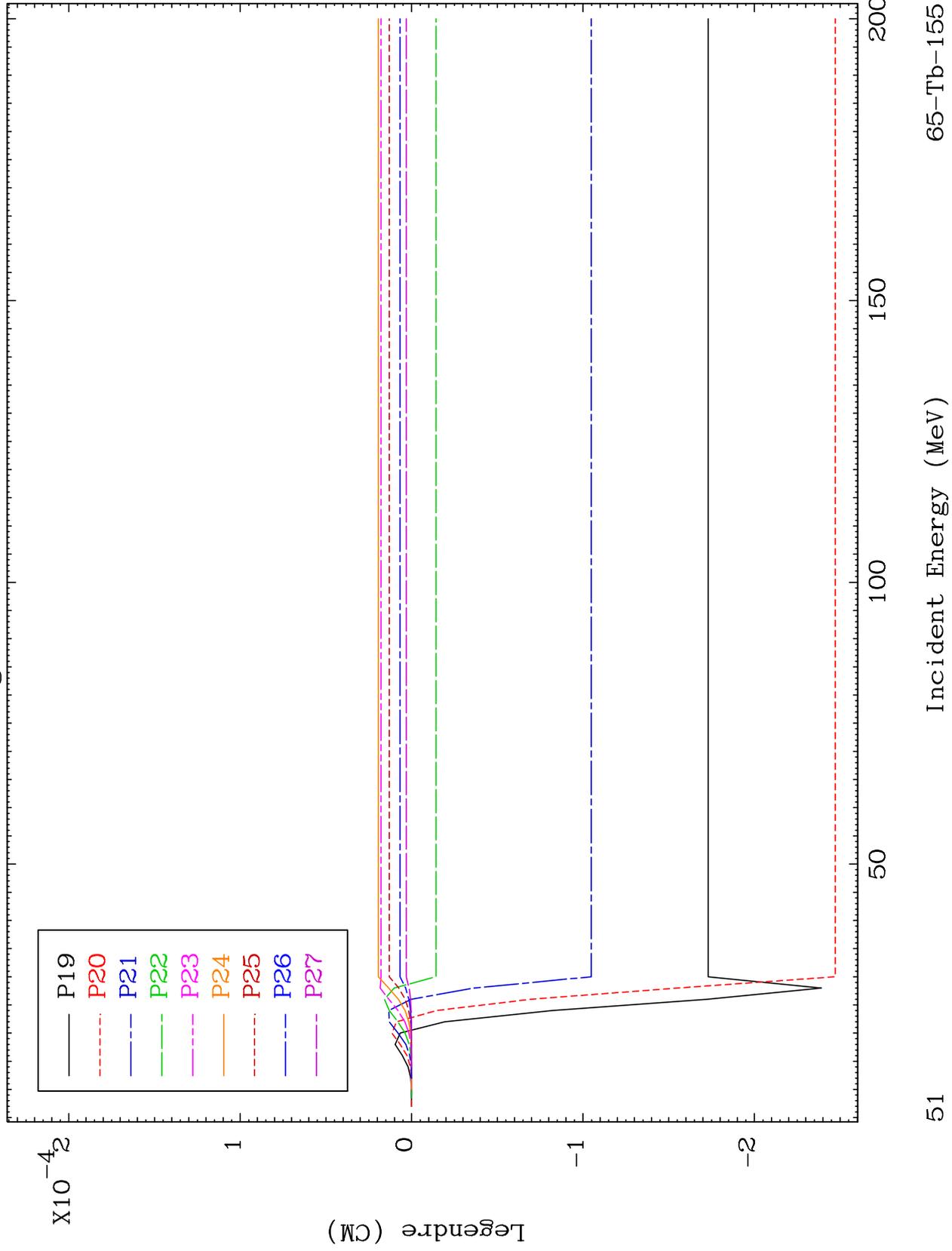




MAT 6513

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

65-Tb-155



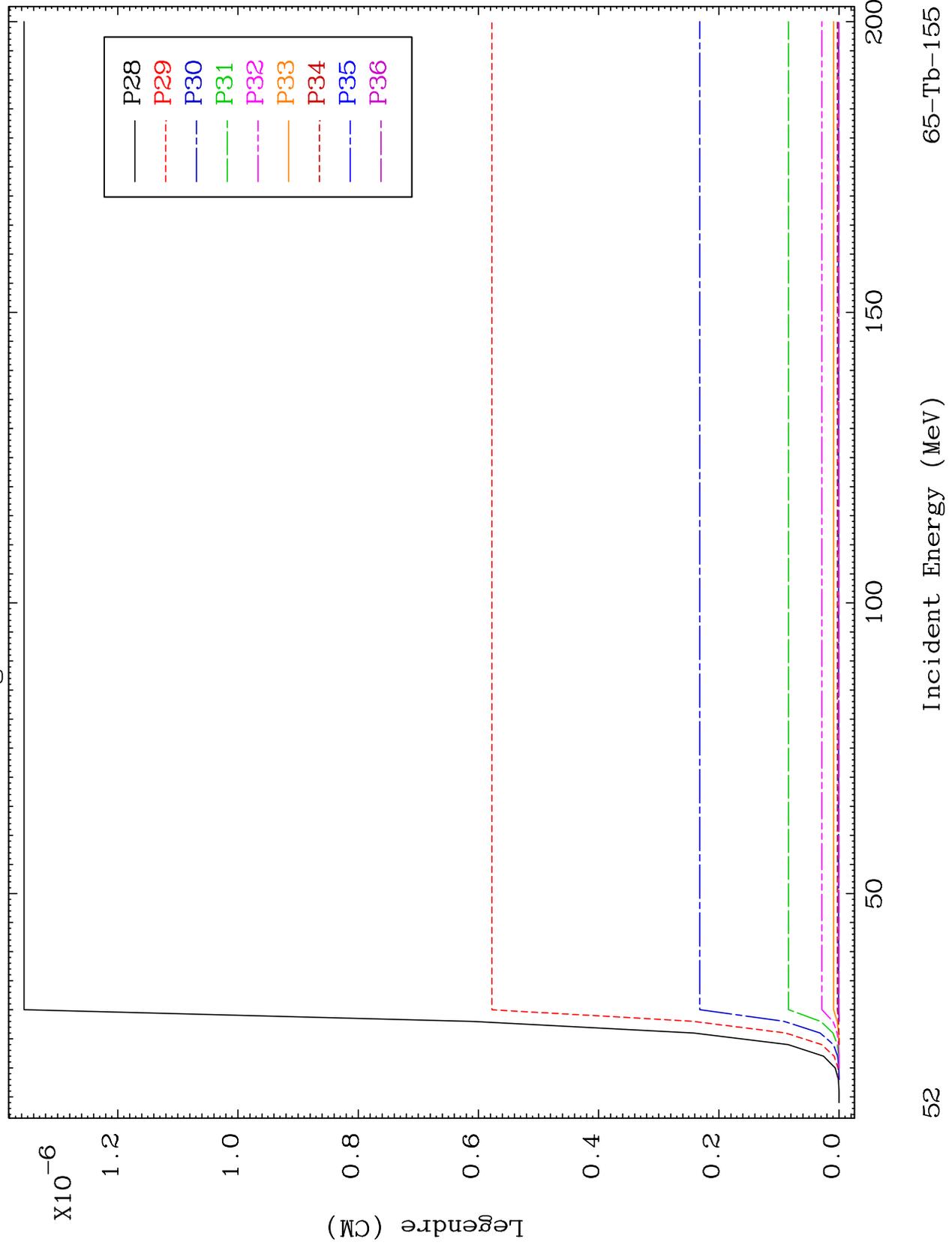
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65-Tb-155

MAT 6513

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

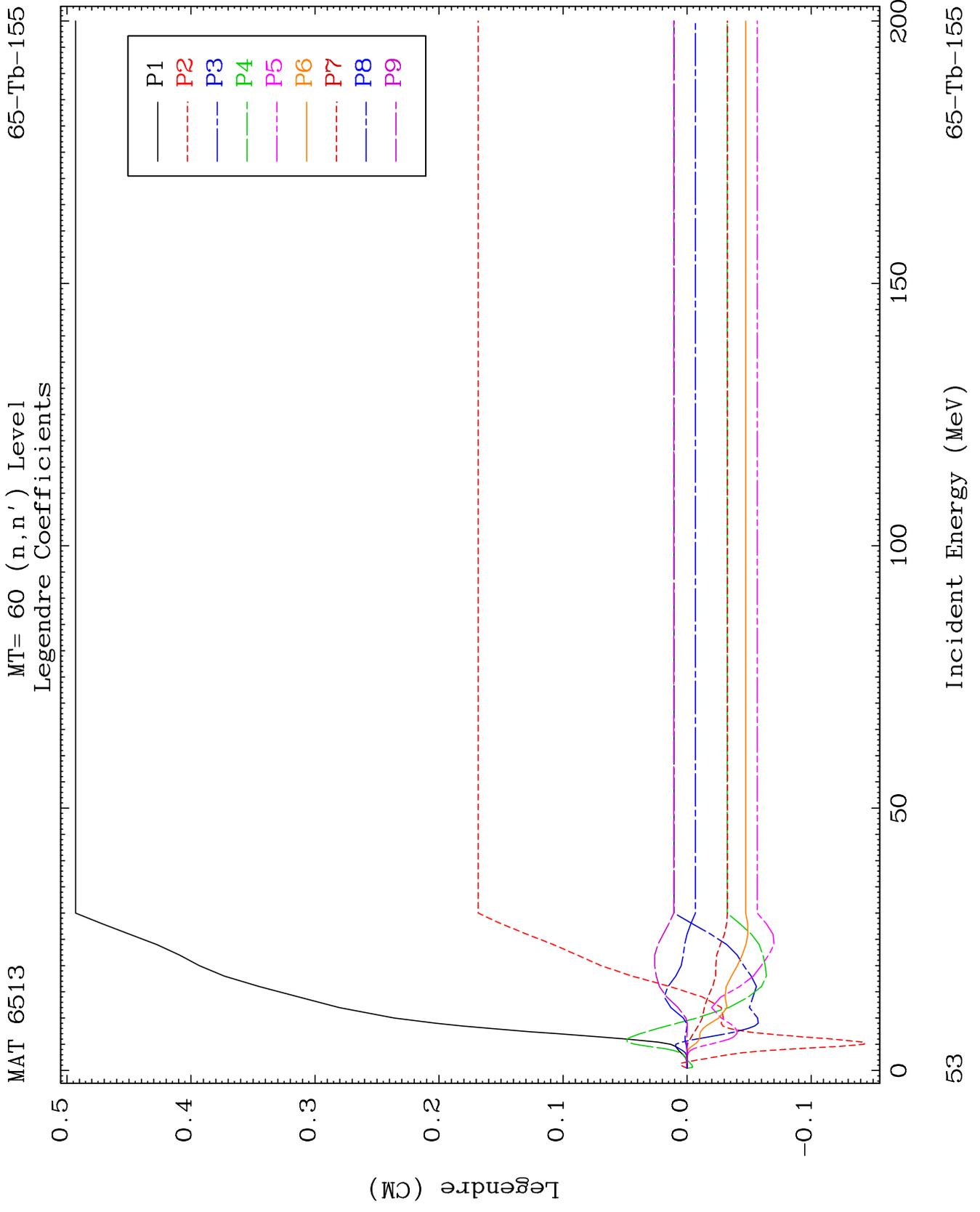
65-Tb-155



52

Incident Energy (MeV)

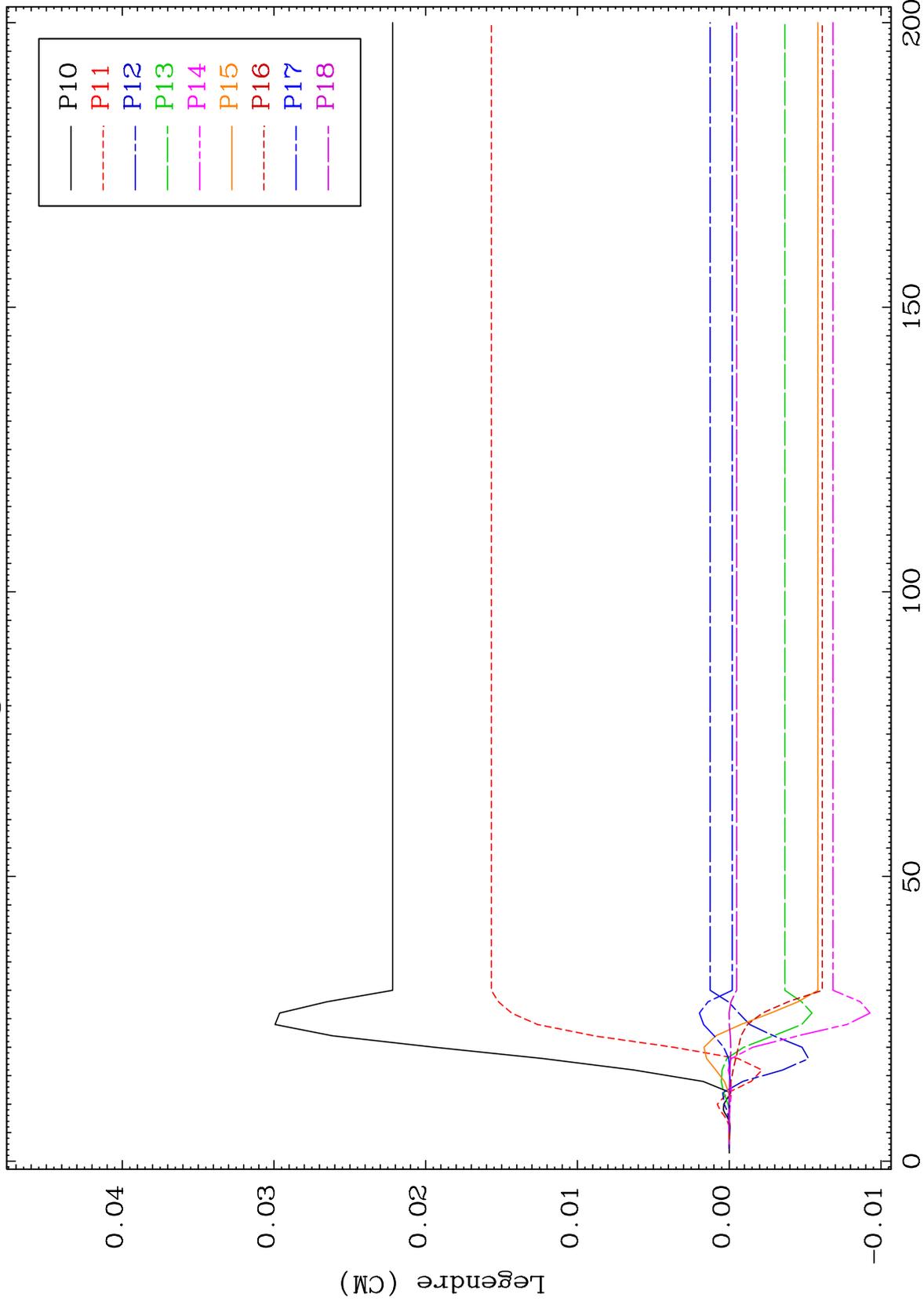
65-Tb-155



MAT 6513

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

65-Tb-155



54

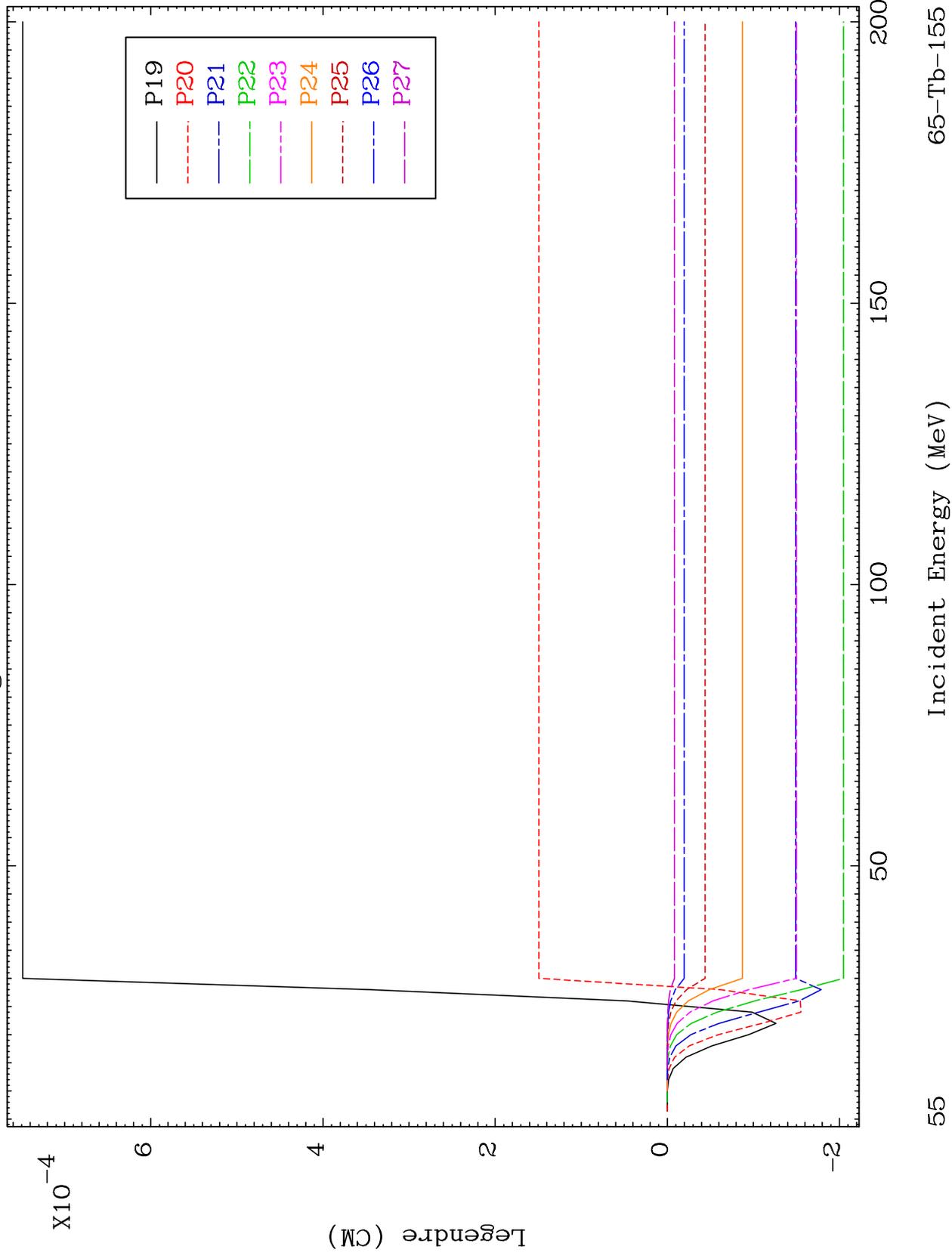
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

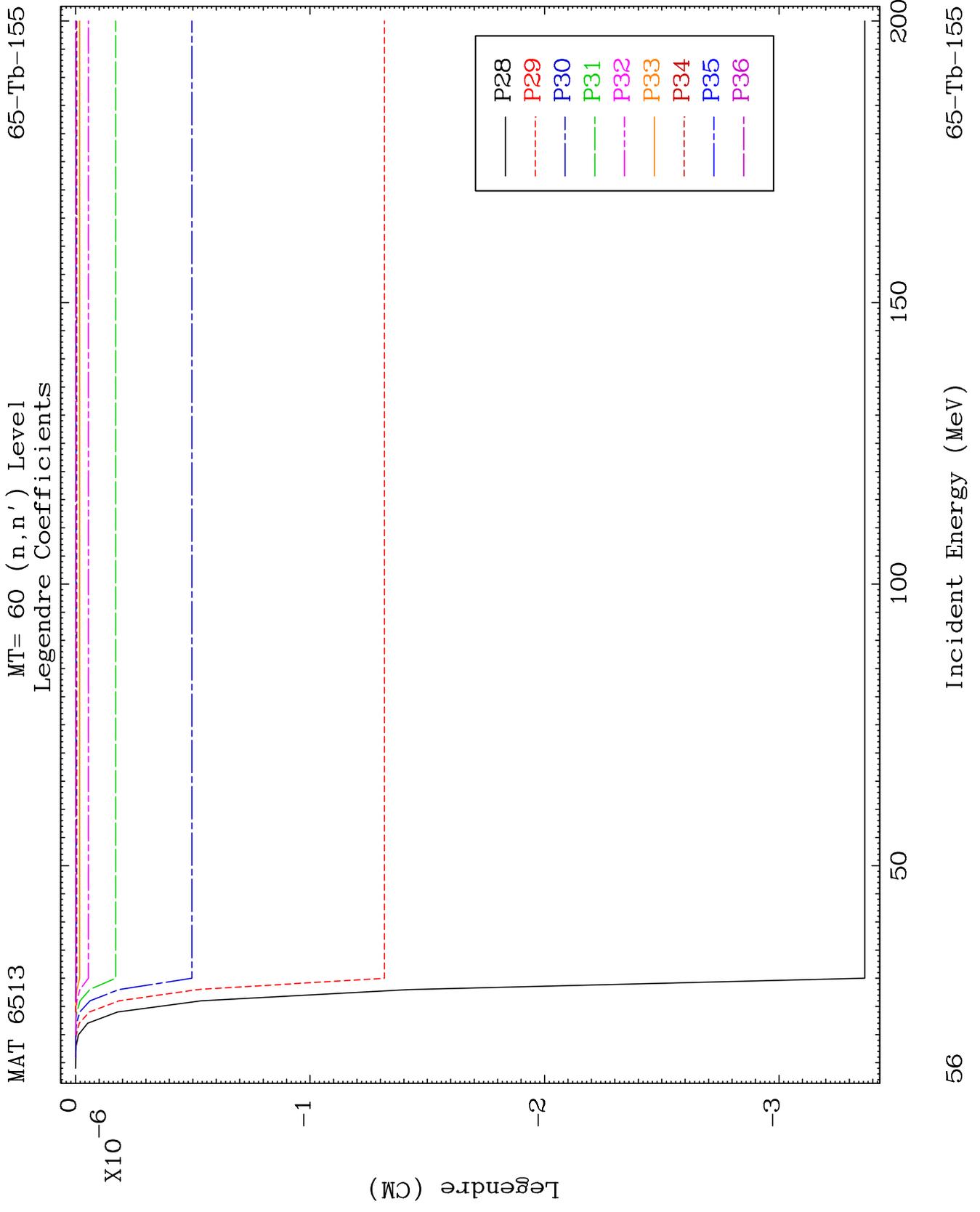
65-Tb-155



55

Incident Energy (MeV)

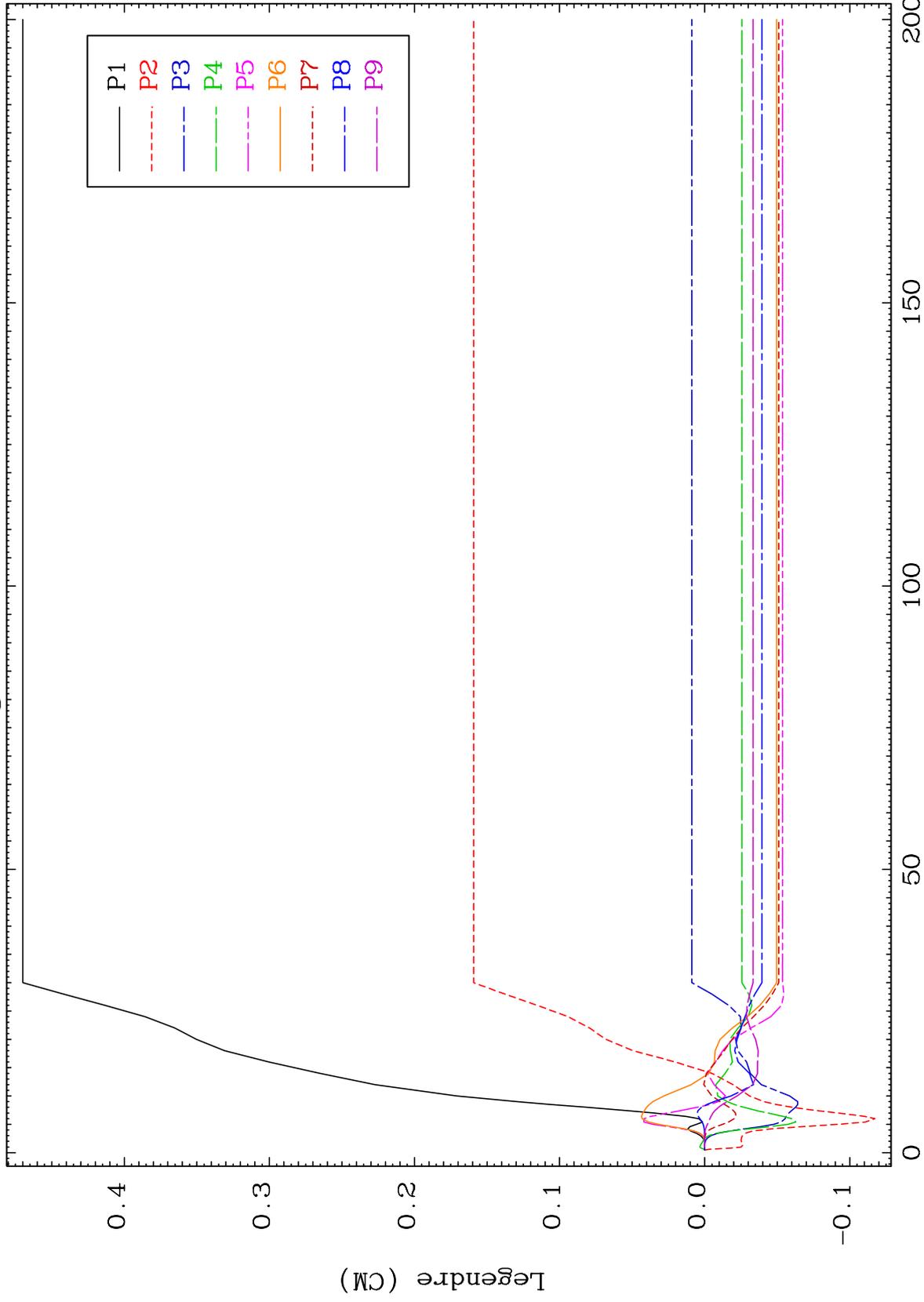
65-Tb-155



MAT 6513

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

65-Tb-155



57

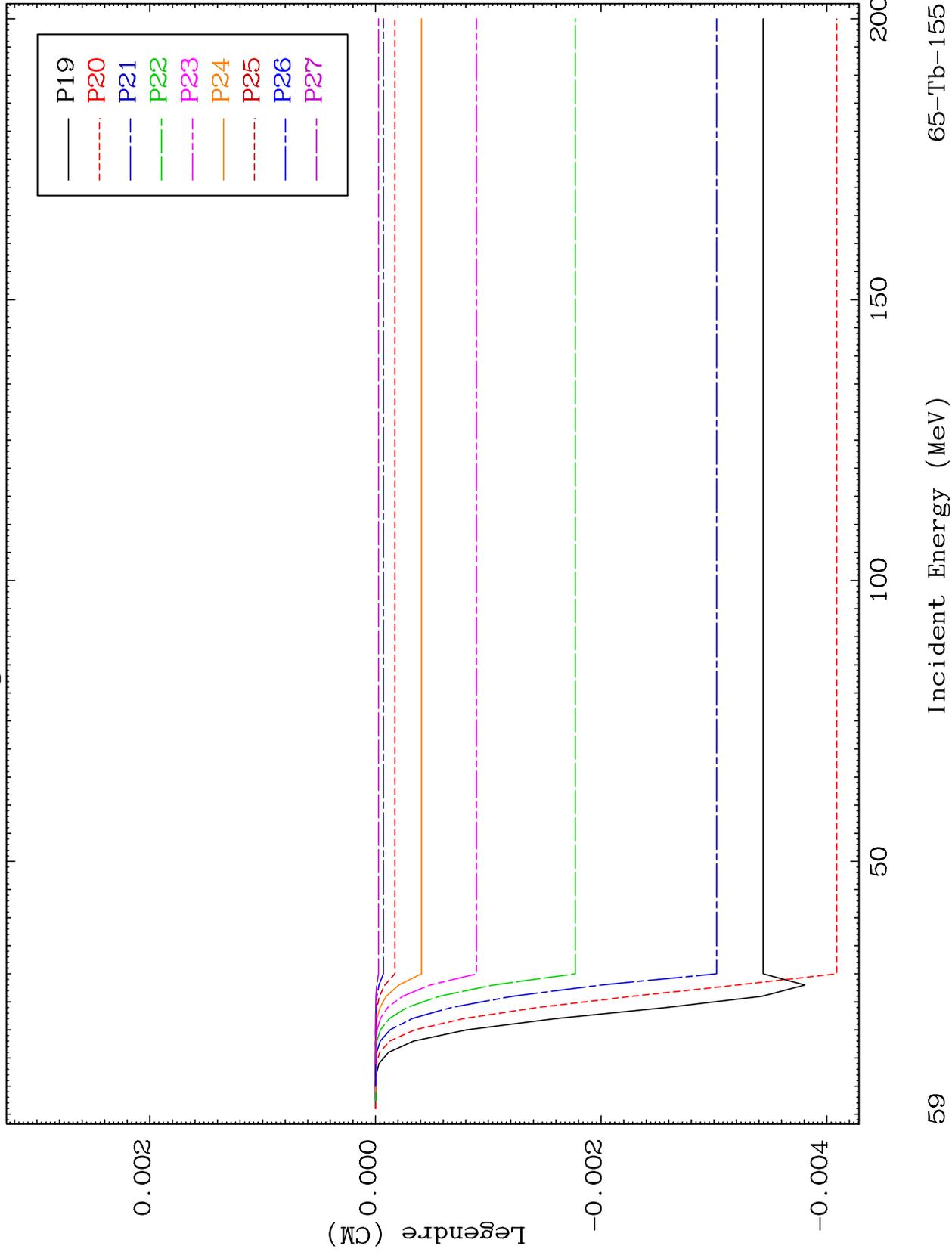
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

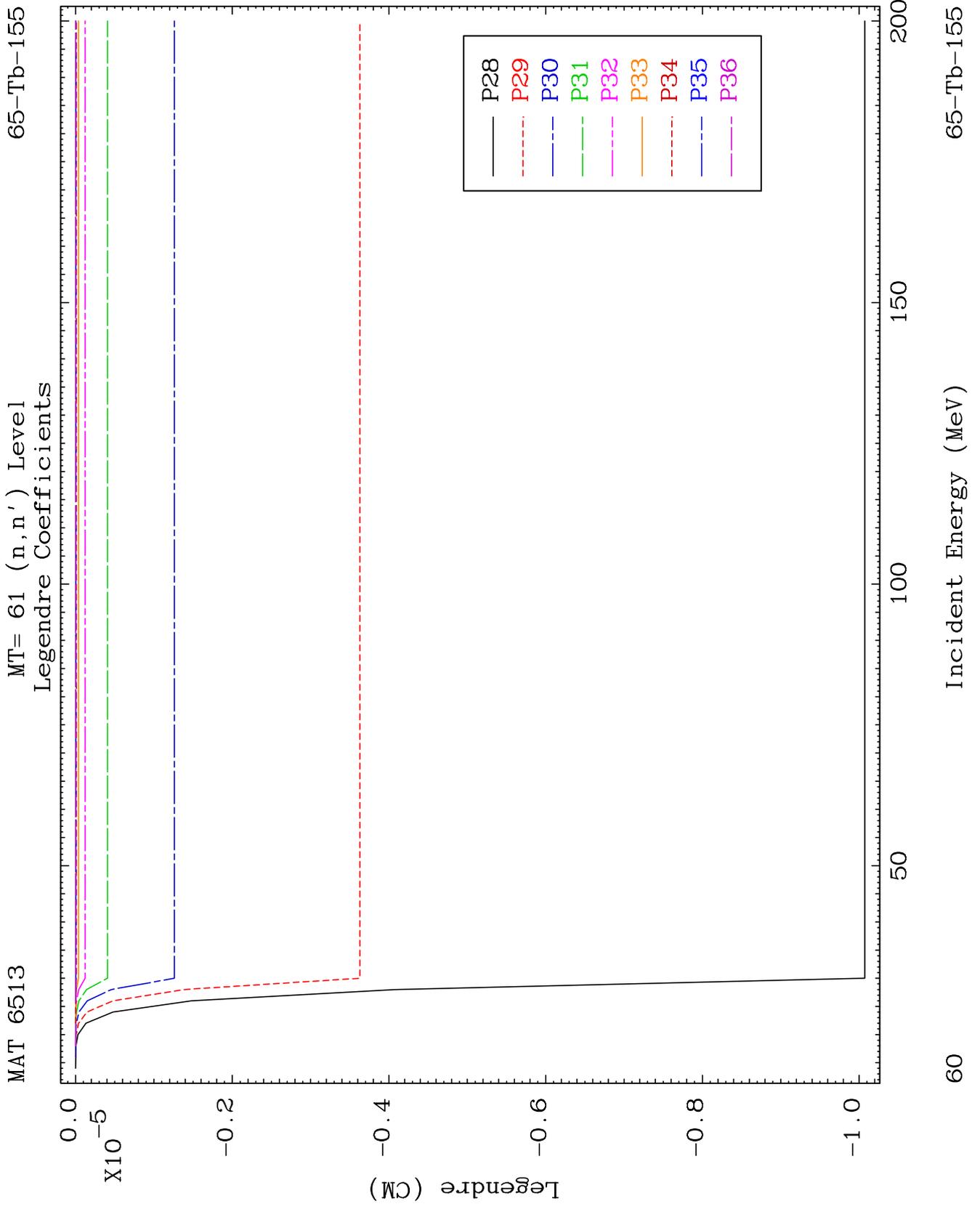
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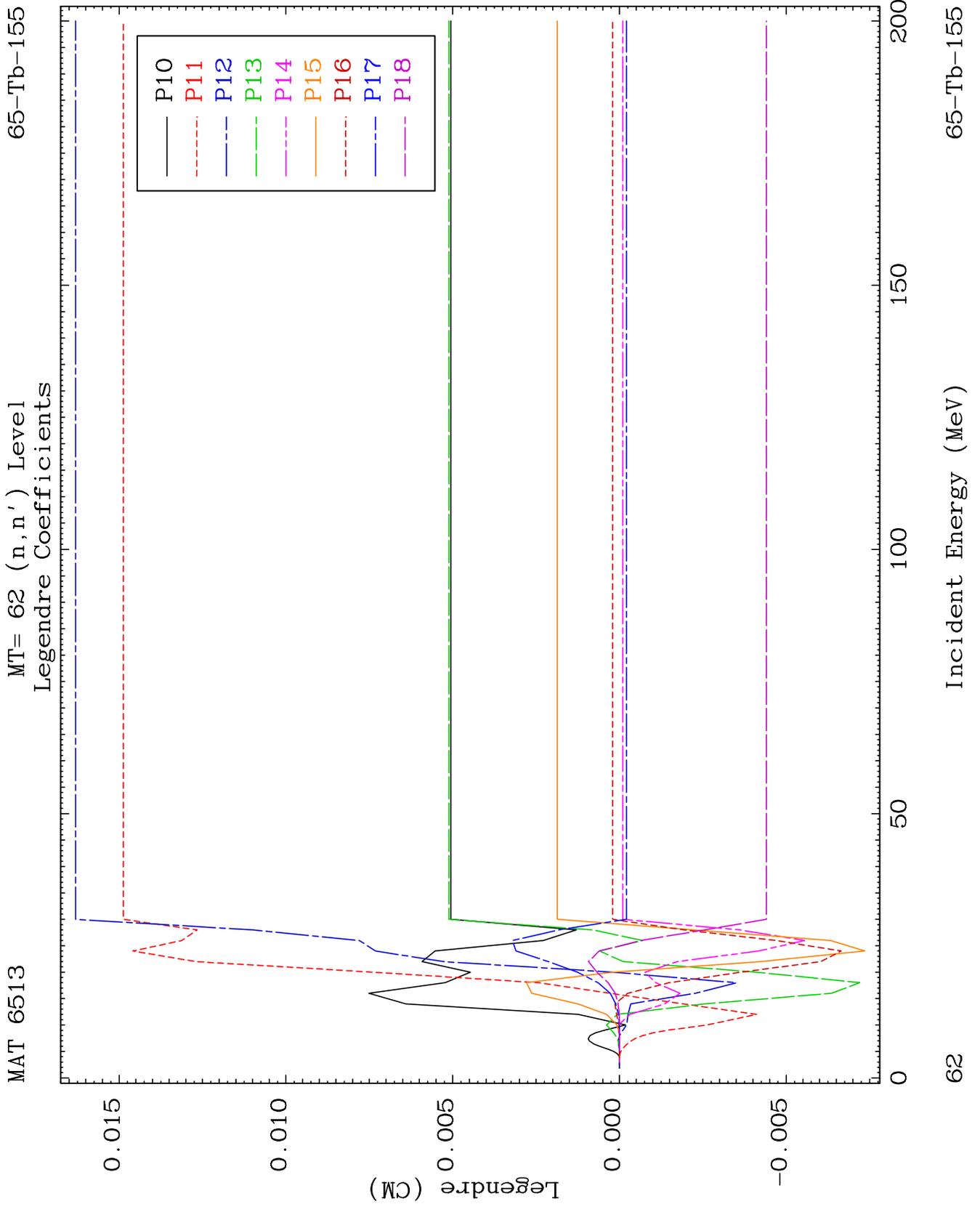


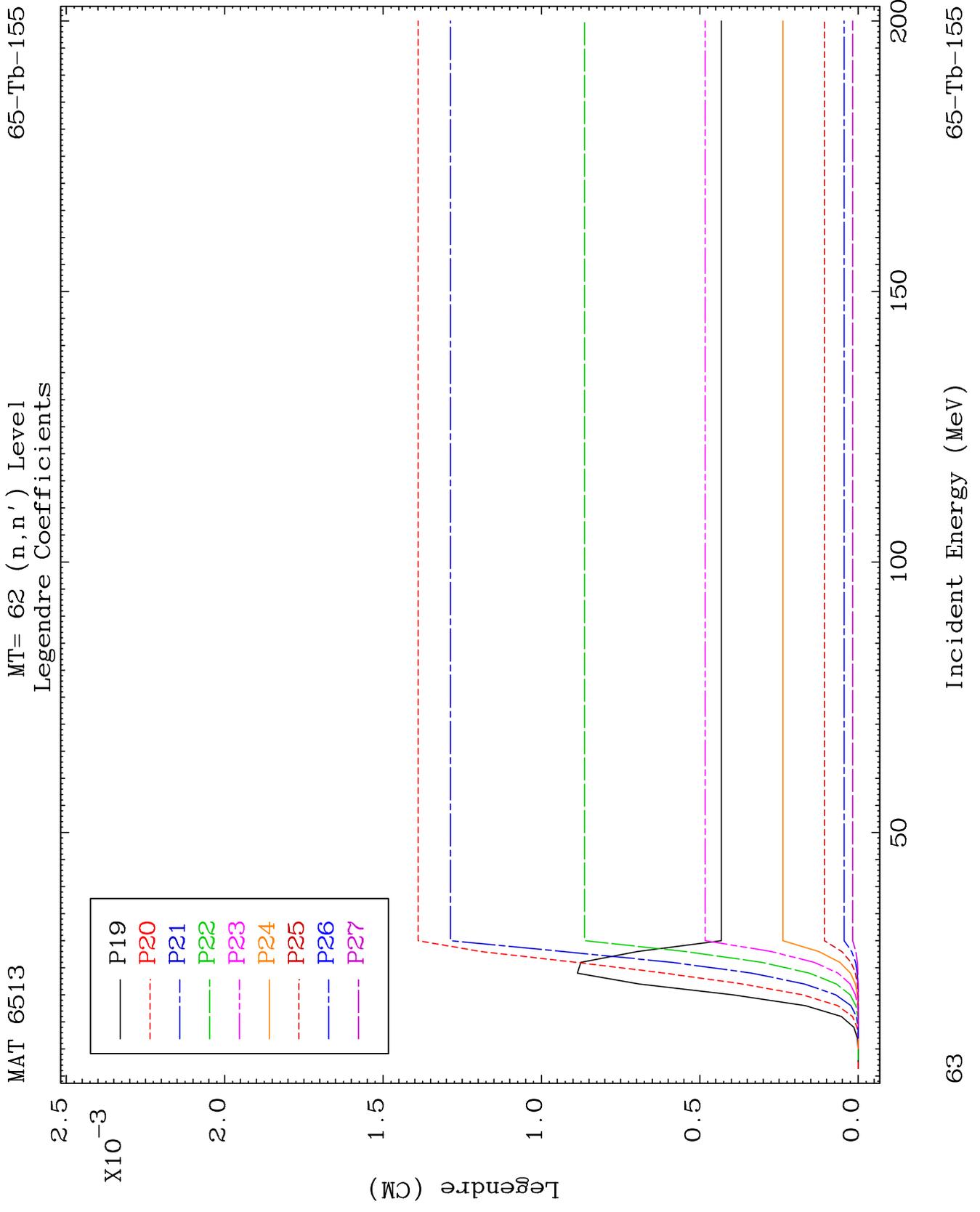
59

Incident Energy (MeV)

65-Tb-155



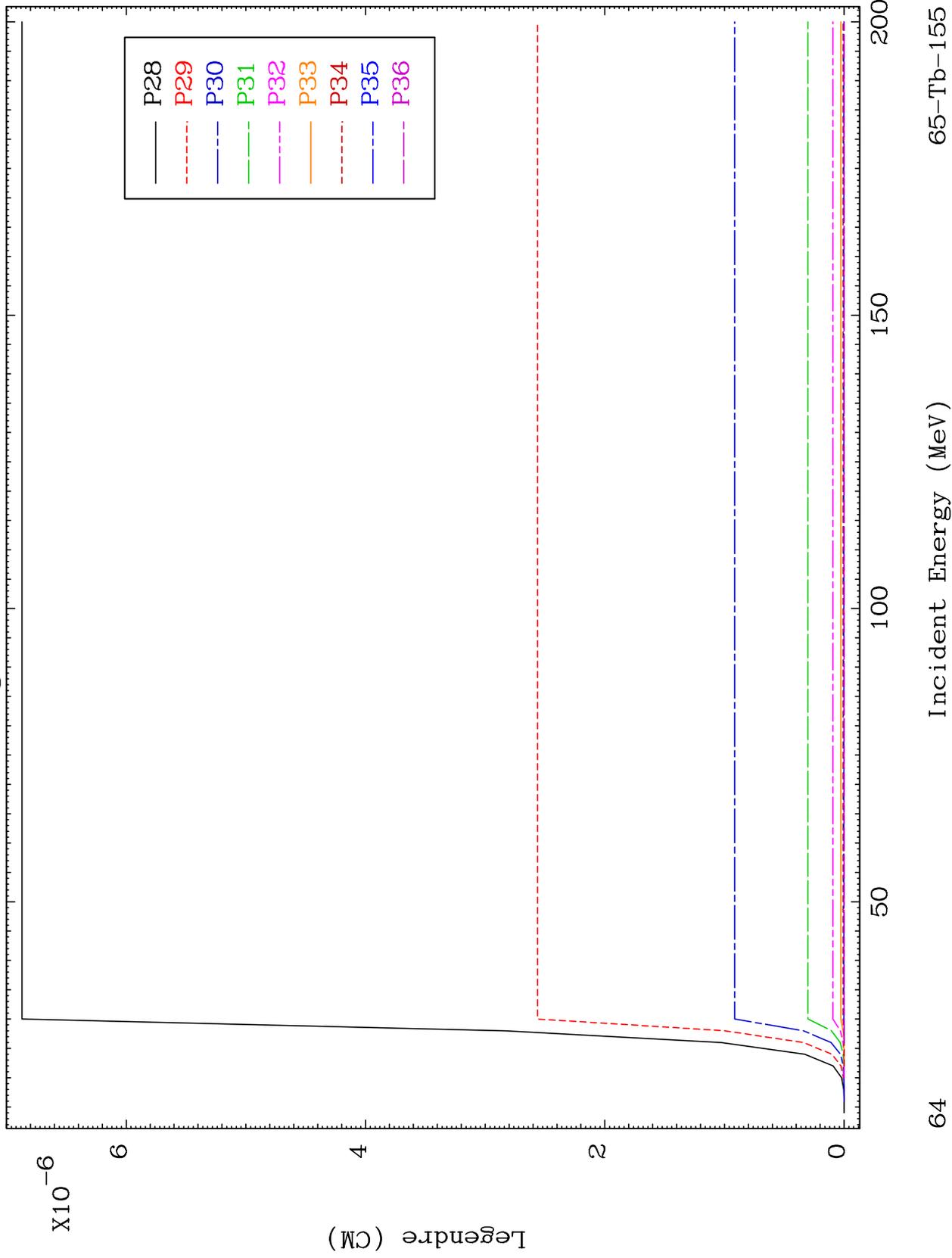




MAT 6513

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

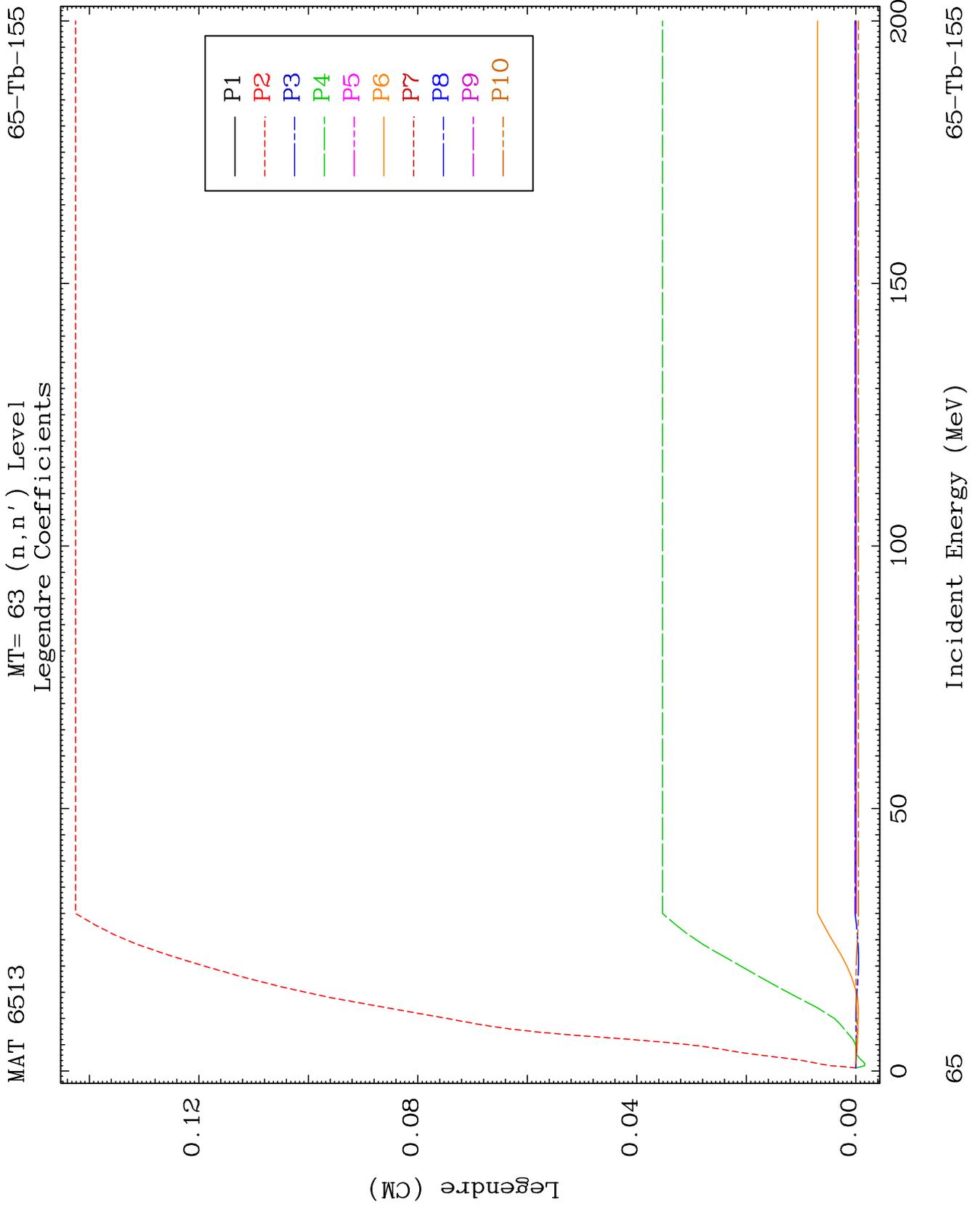
65-Tb-155



64

Incident Energy (MeV)

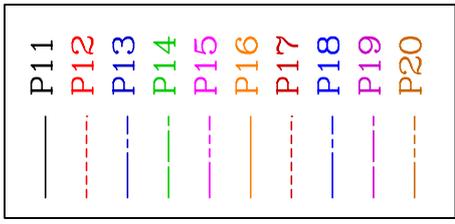
65-Tb-155



MAT 6513

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

65-Tb-155



$\times 10^{-4}$

0.5

Legendre (CM)

0.0

-0.5

-1.0

0

50

100

150

200

66

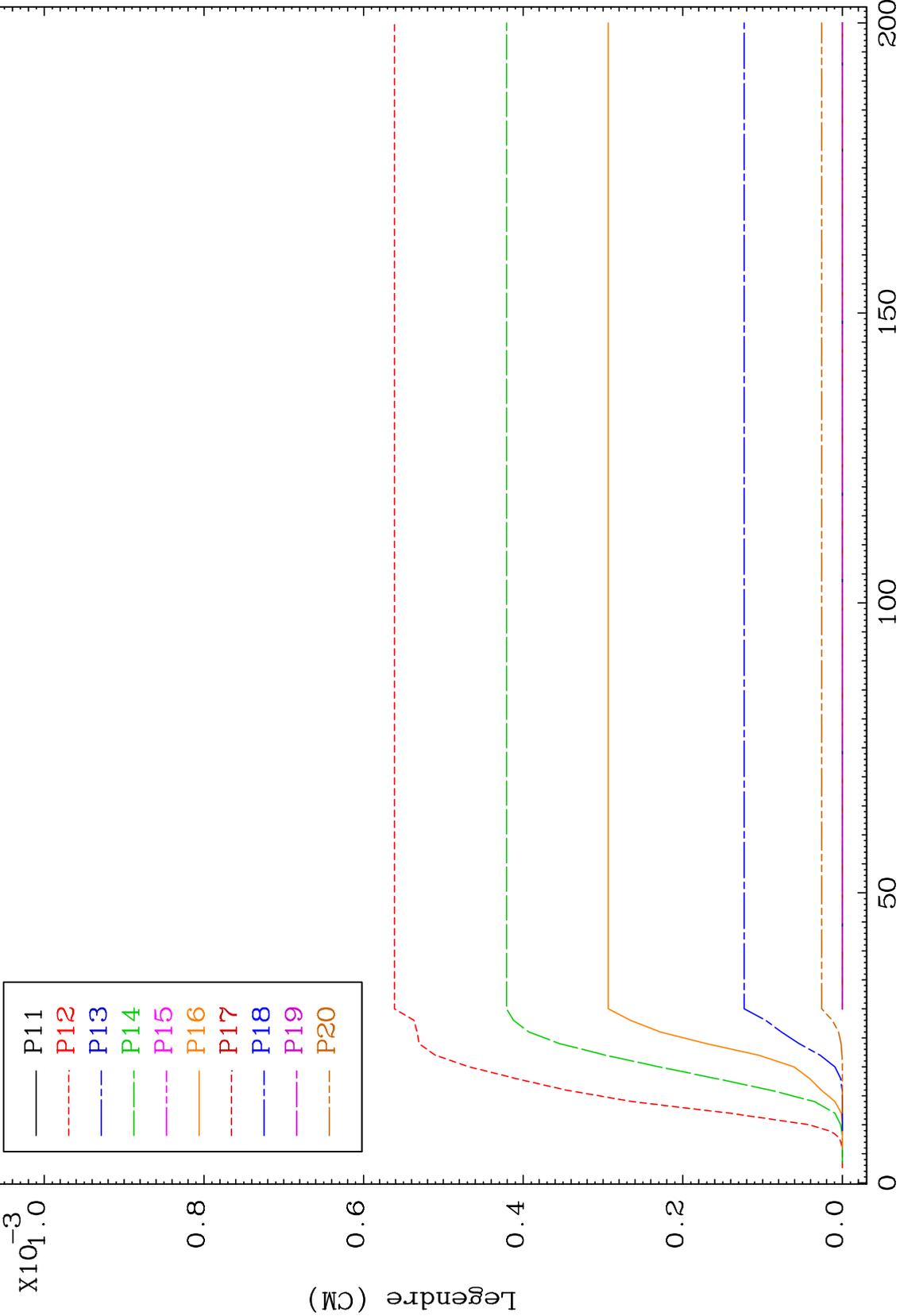
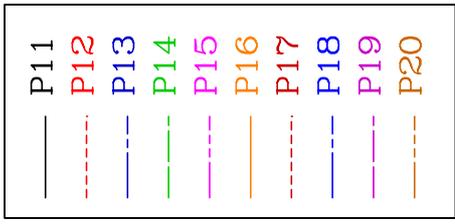
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

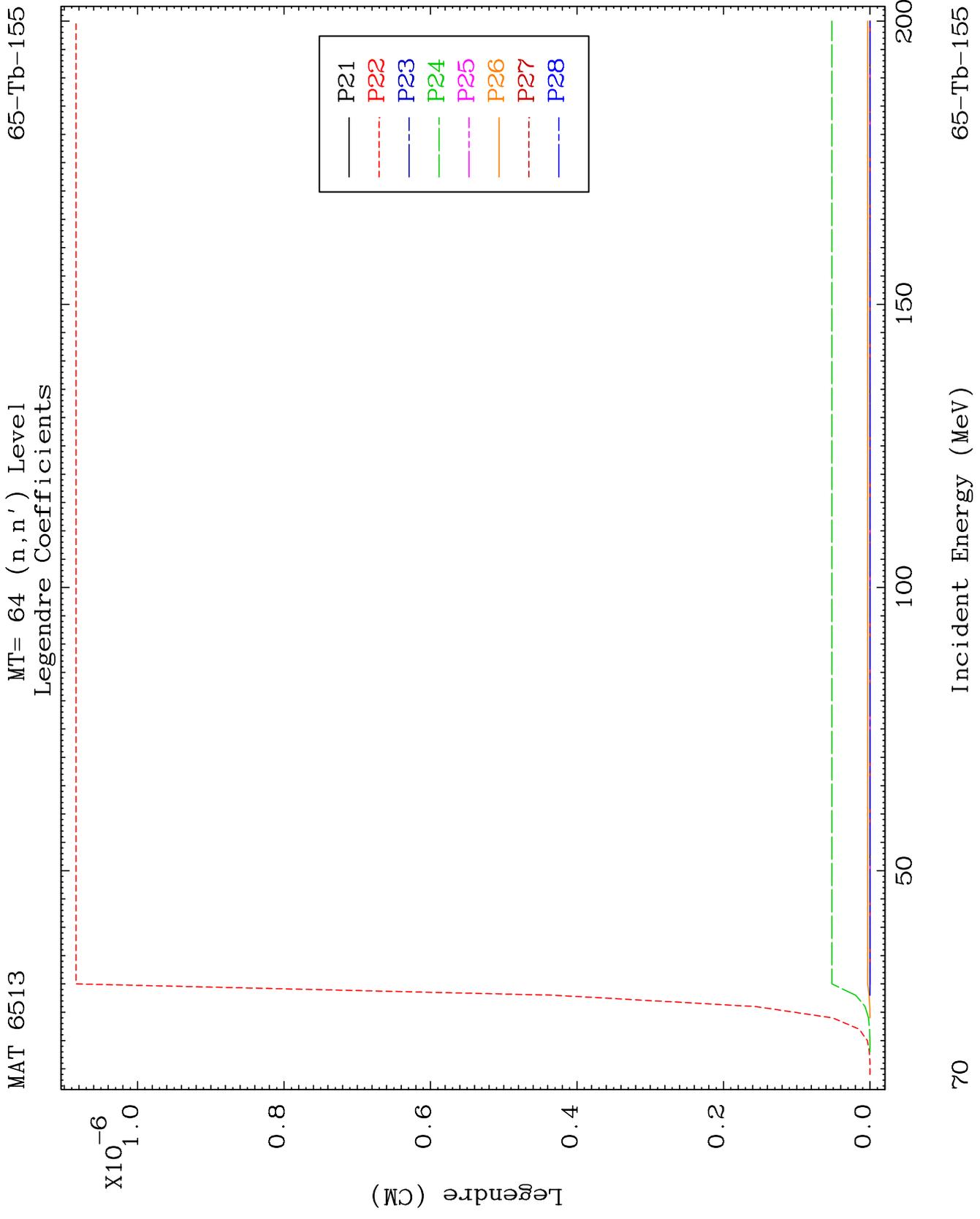
65-Tb-155



69

Incident Energy (MeV)

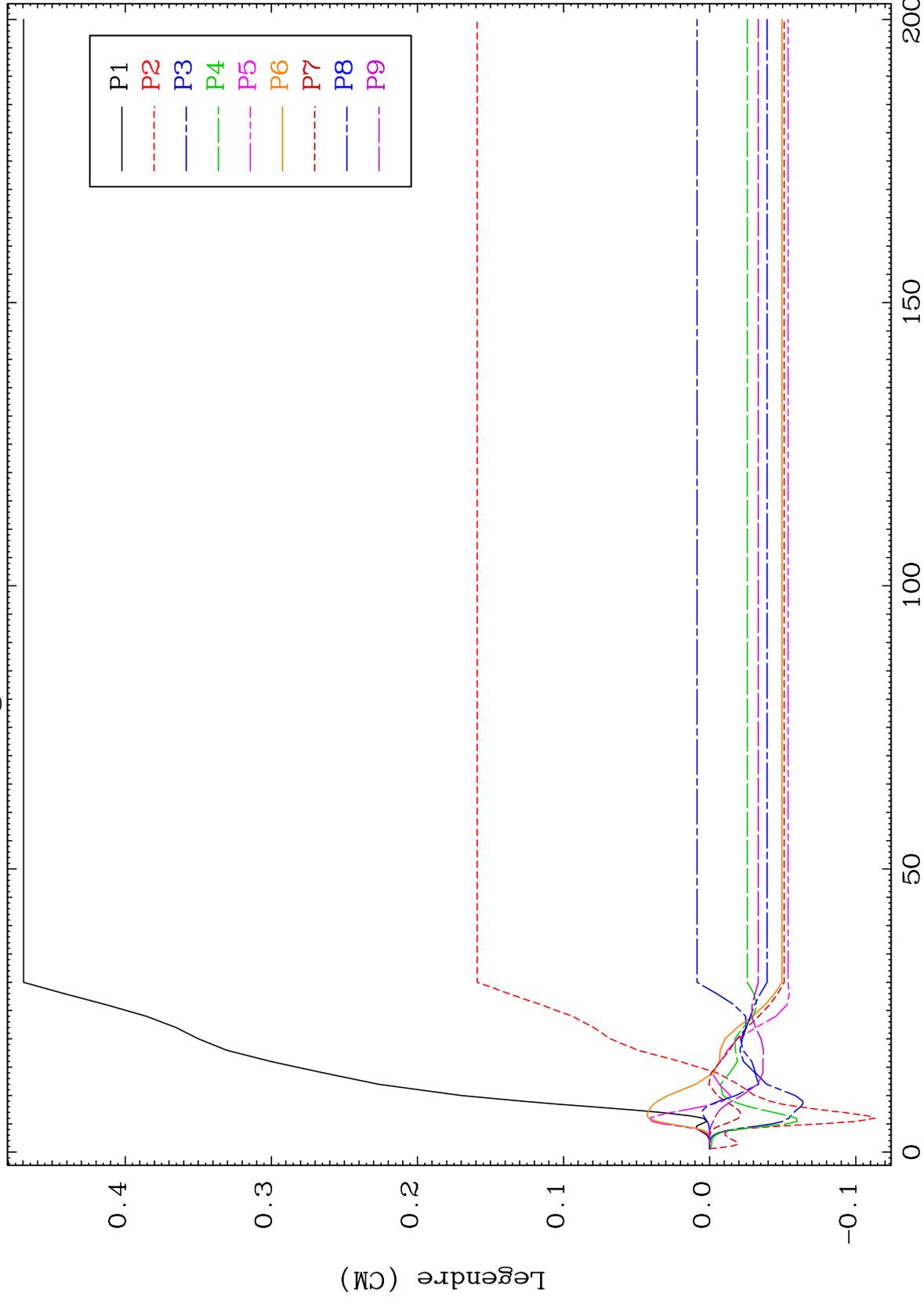
65-Tb-155



MAT 6513

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

65-Tb-155



71

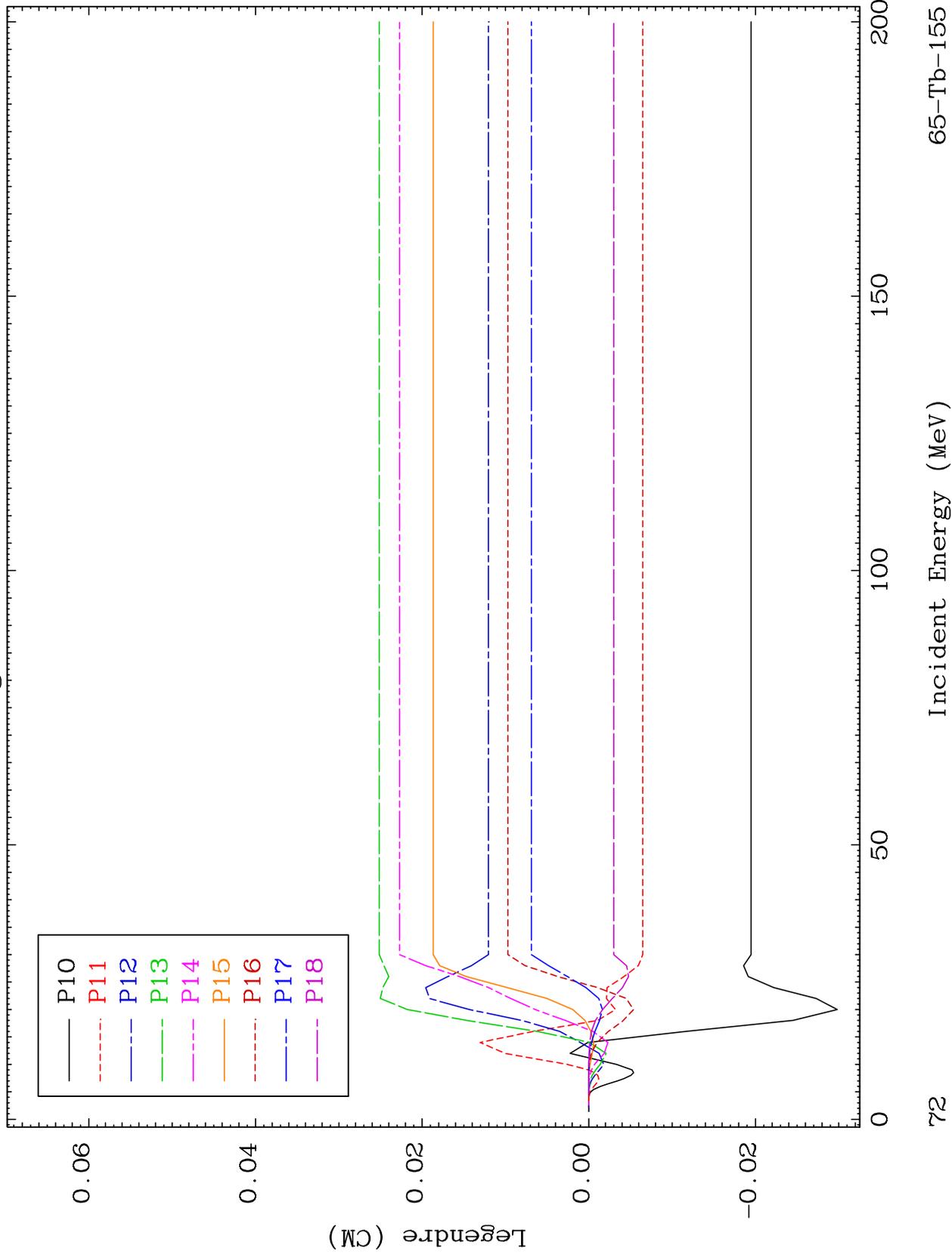
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



72

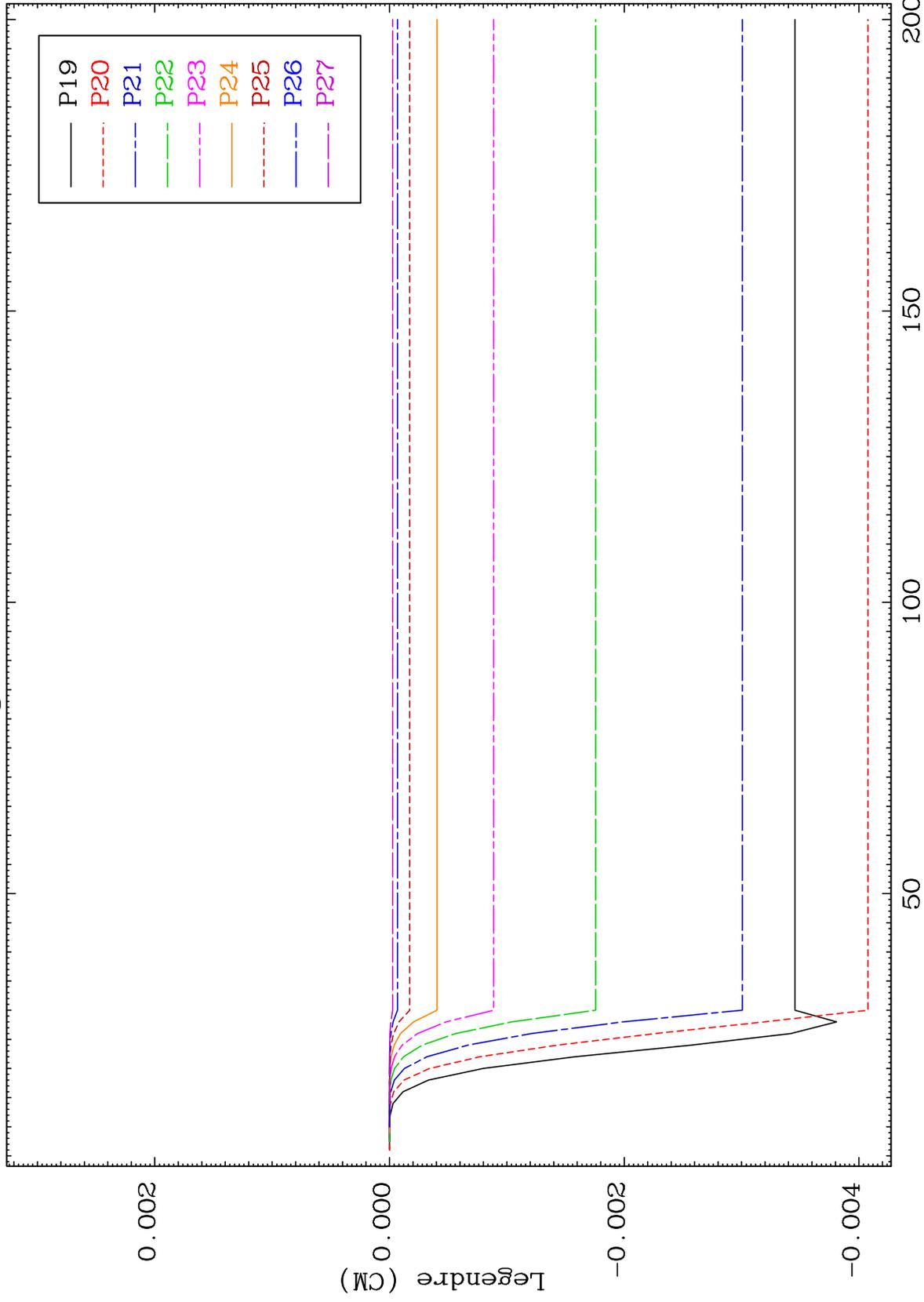
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

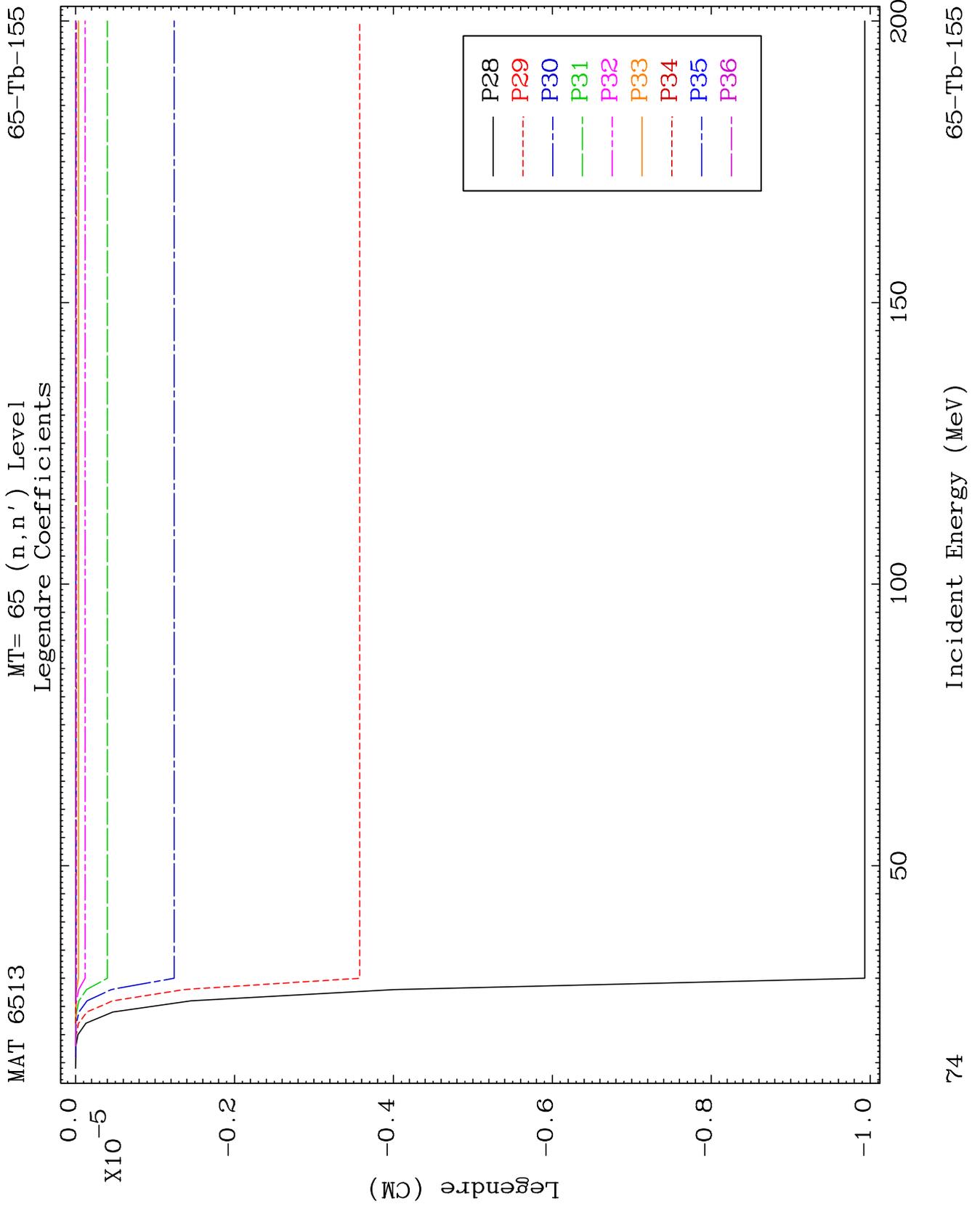
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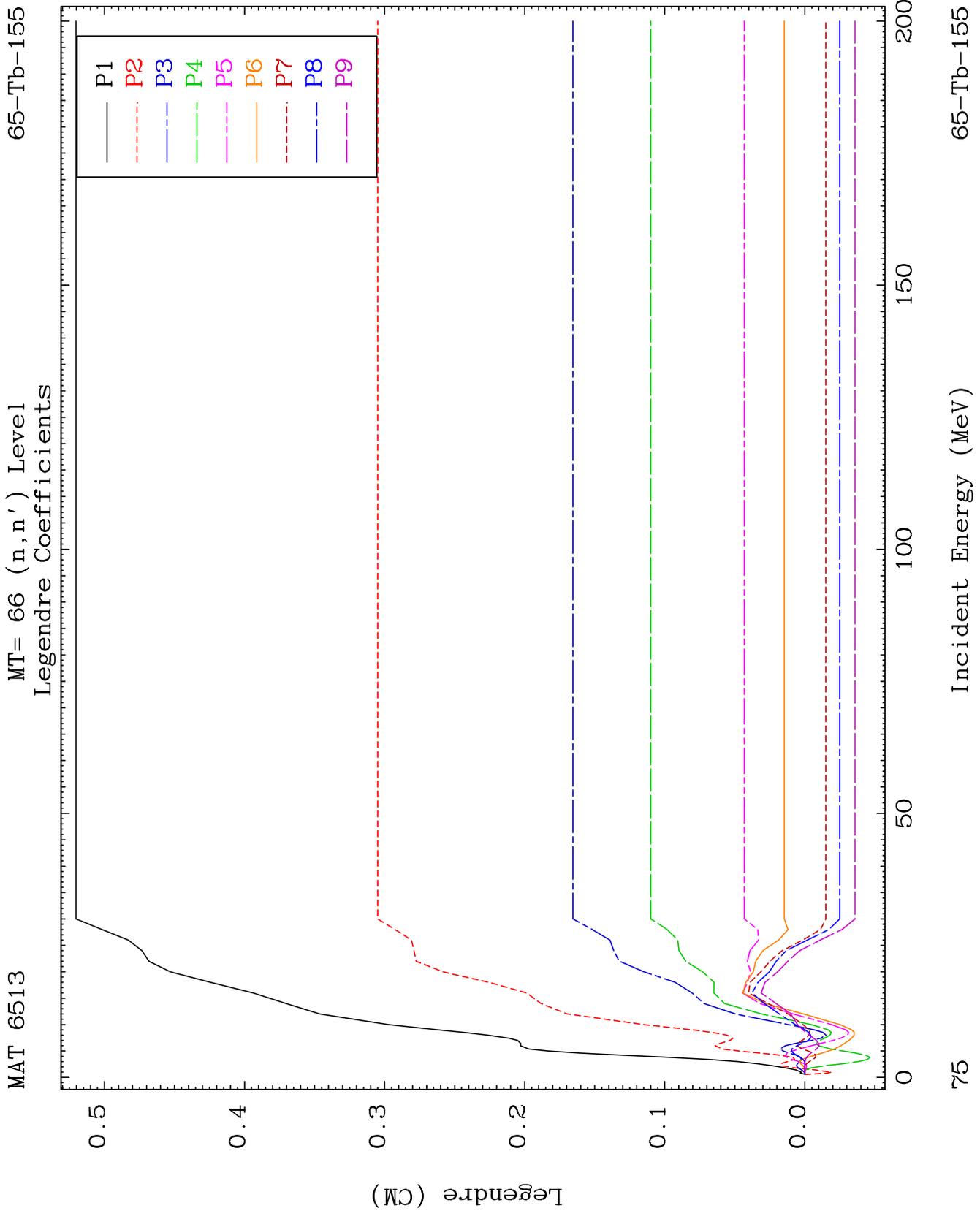


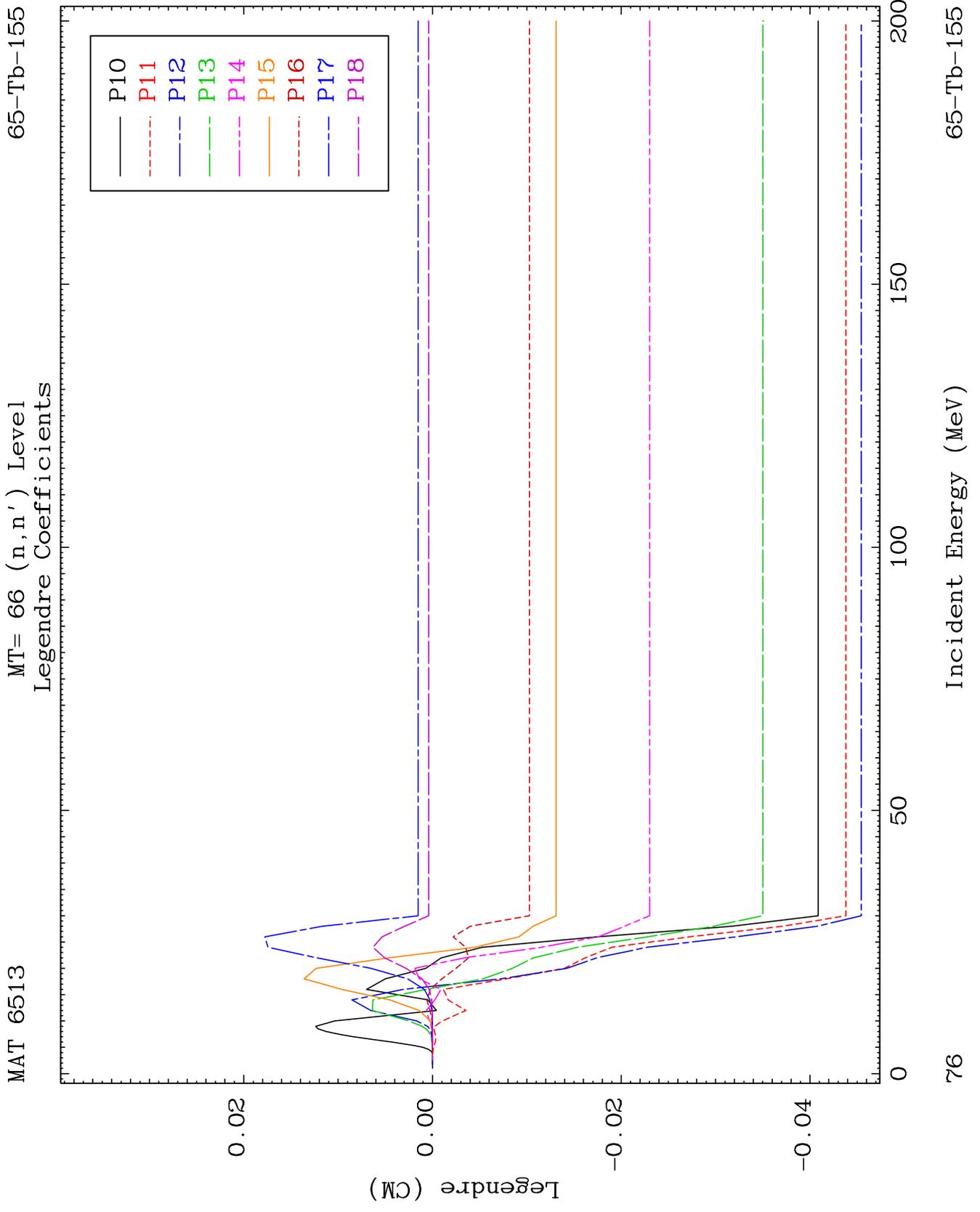
73

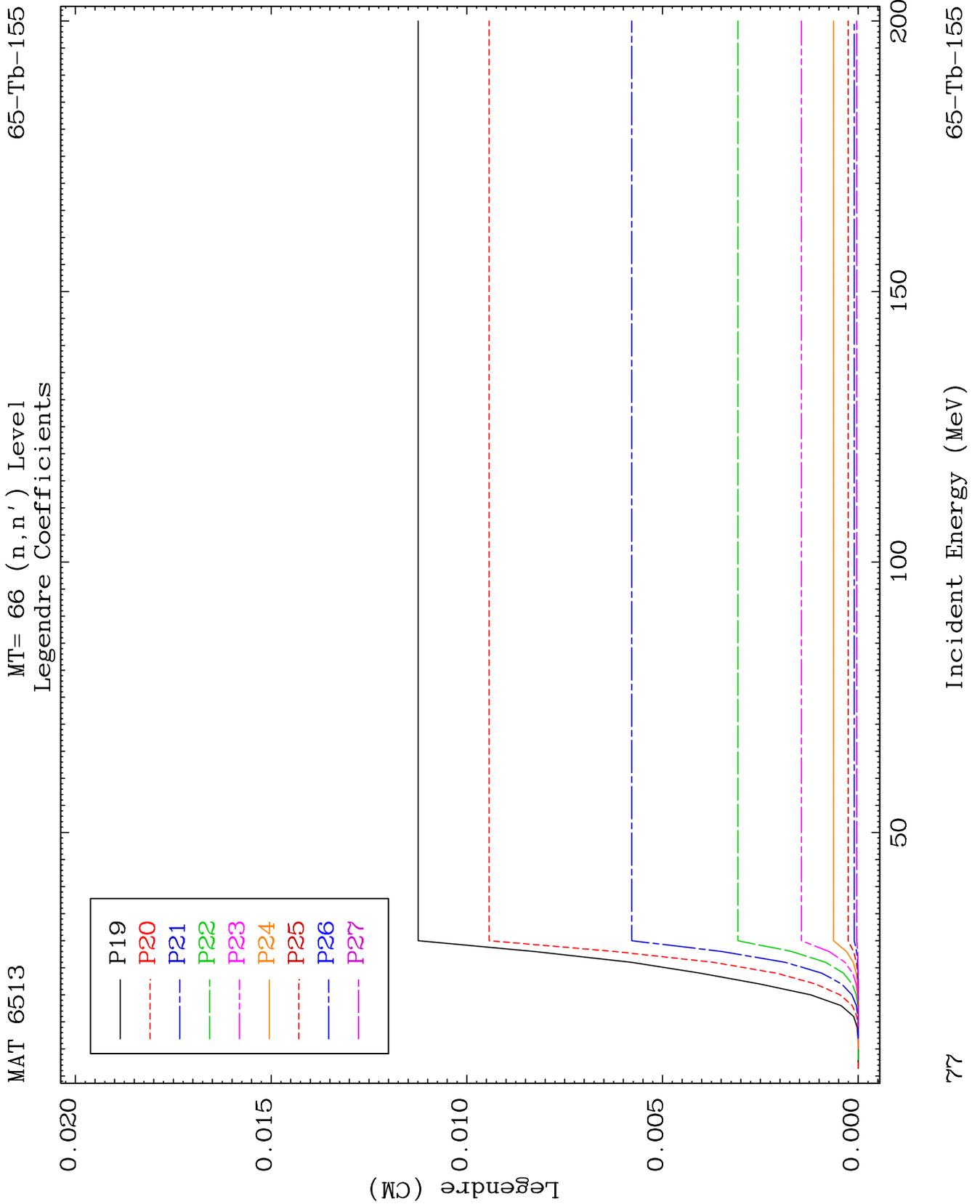
Incident Energy (MeV)

65-Tb-155





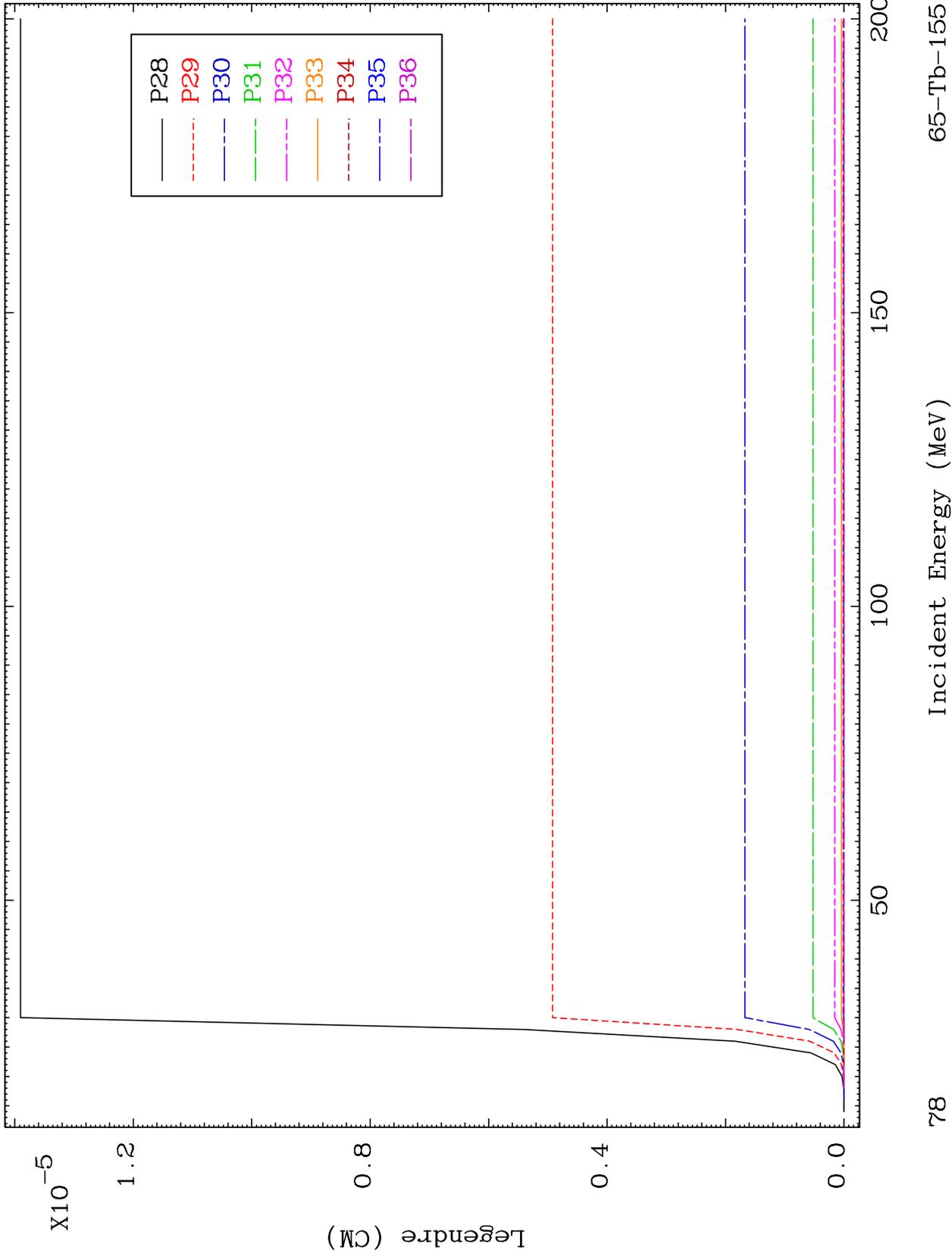




MAT 6513

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

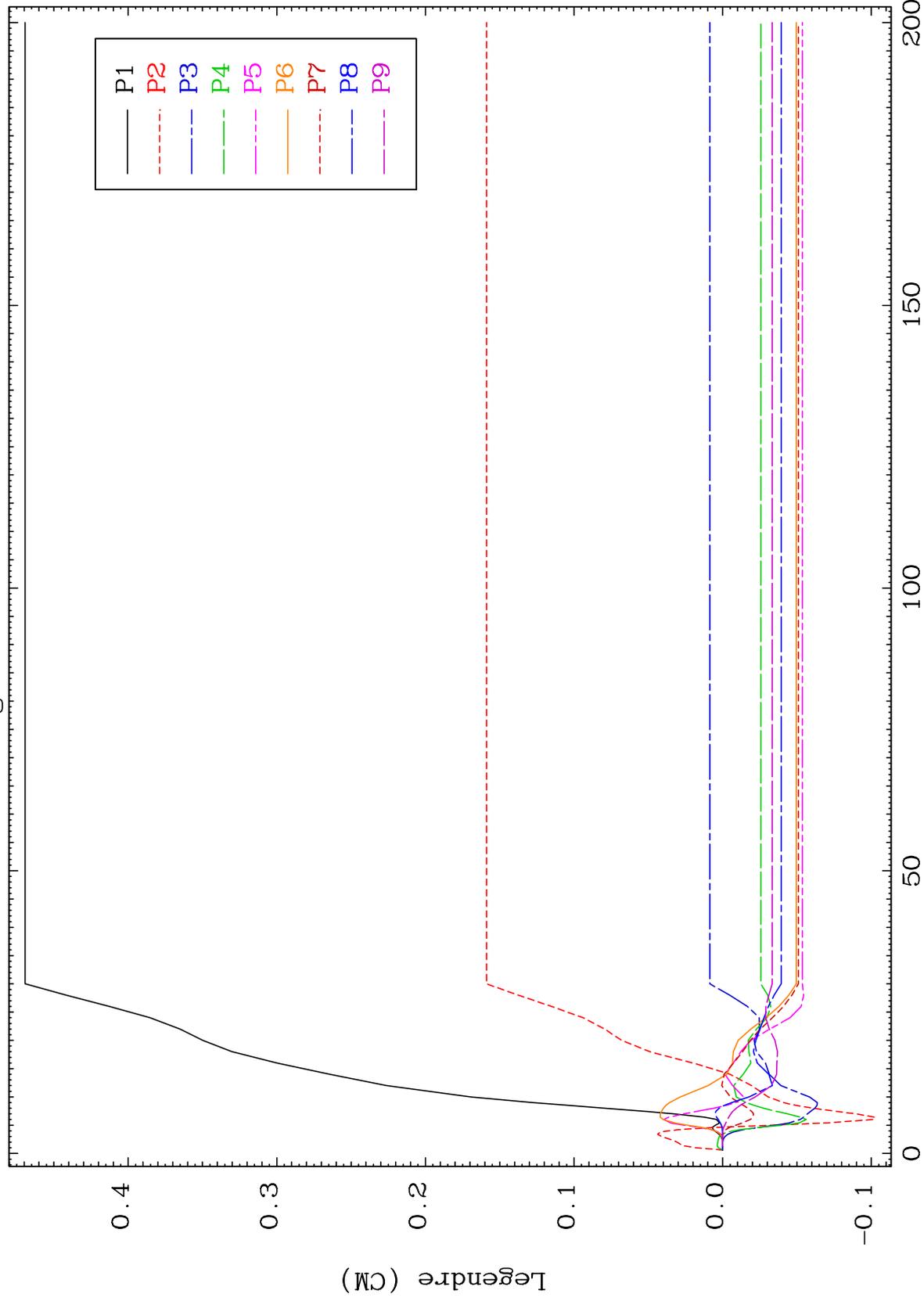
65-Tb-155



MAT 6513

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

65-Tb-155



79

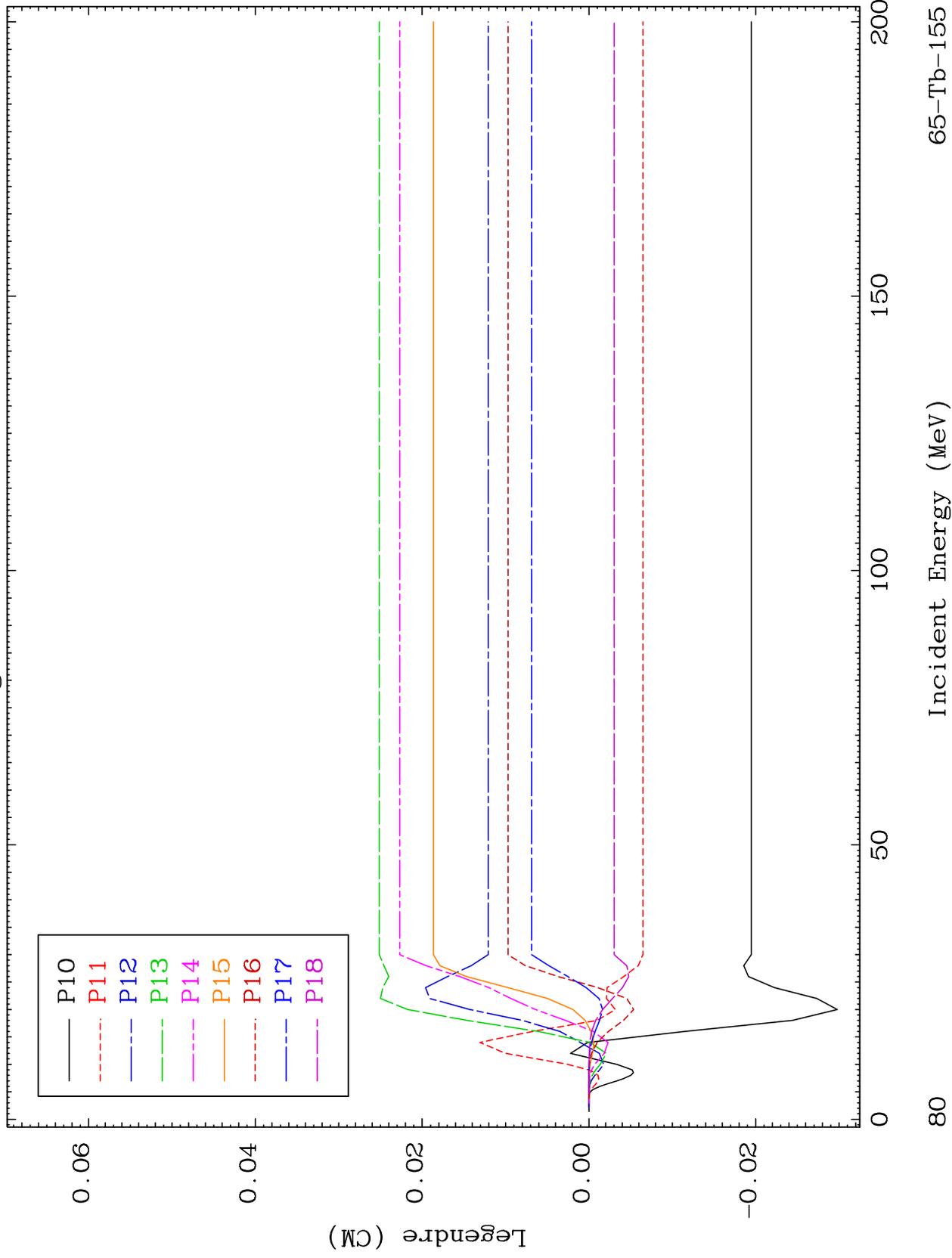
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

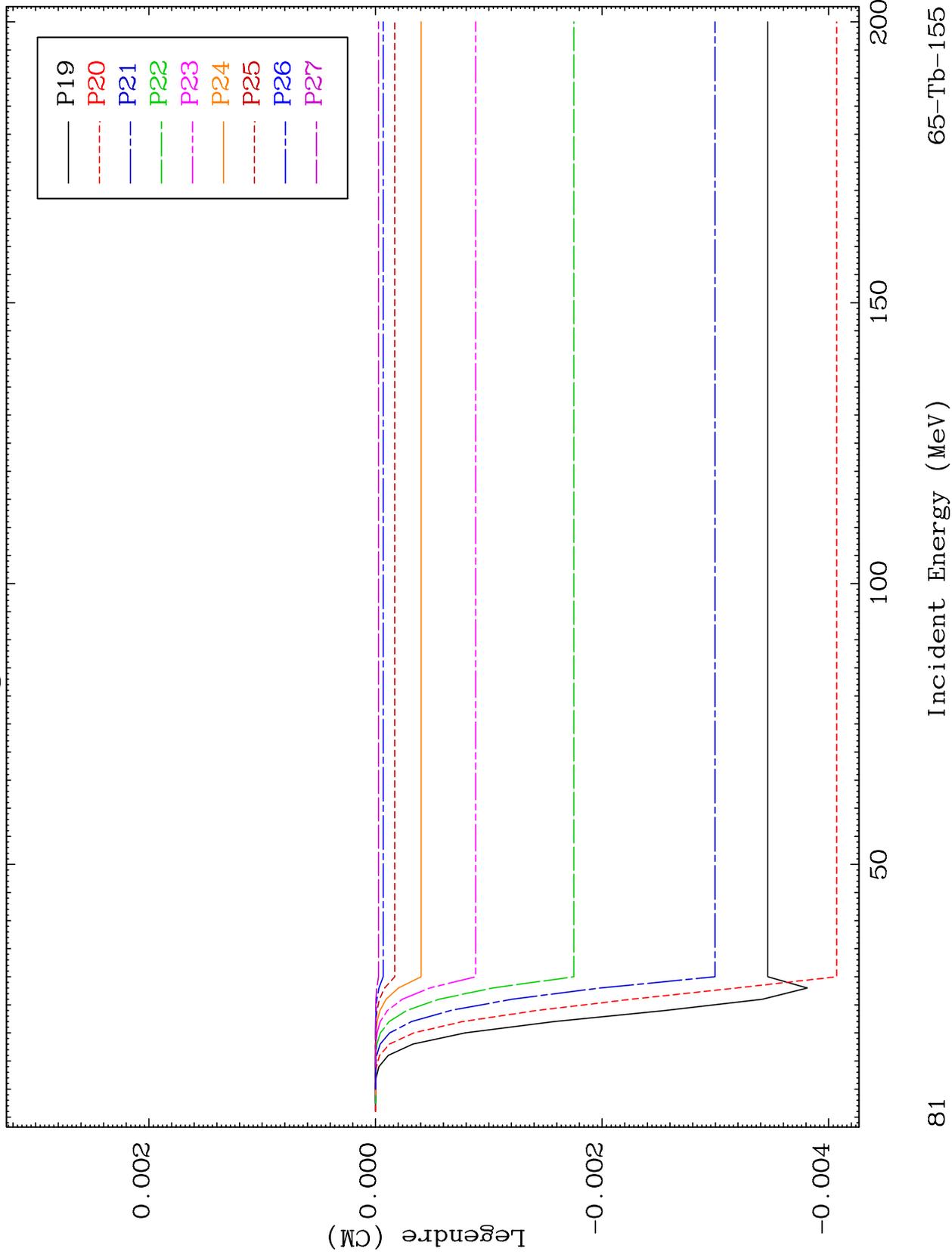
65-Tb-155



MAT 6513

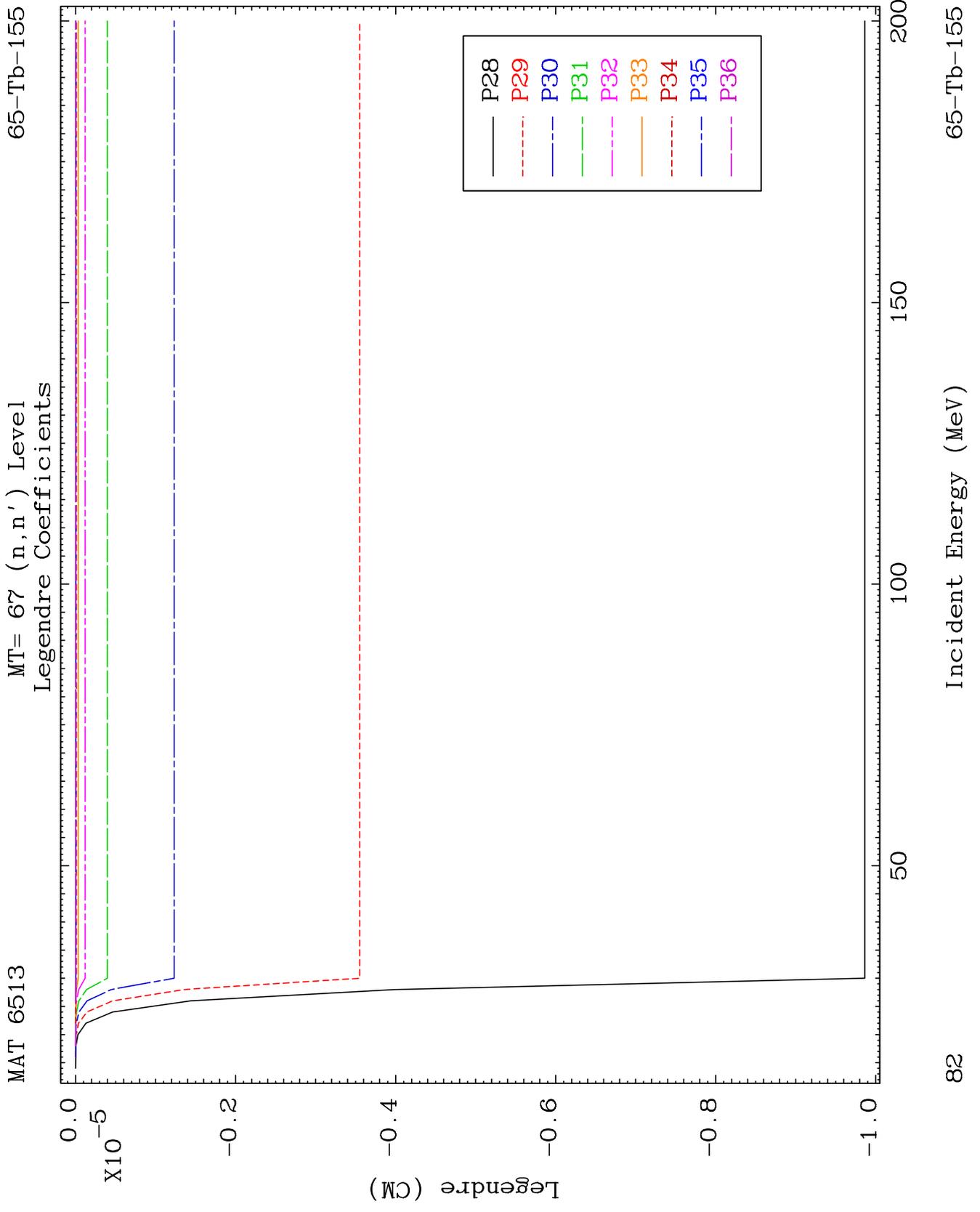
MT= 67 (n,n') Level
Legendre Coefficients

65-Tb-155



81

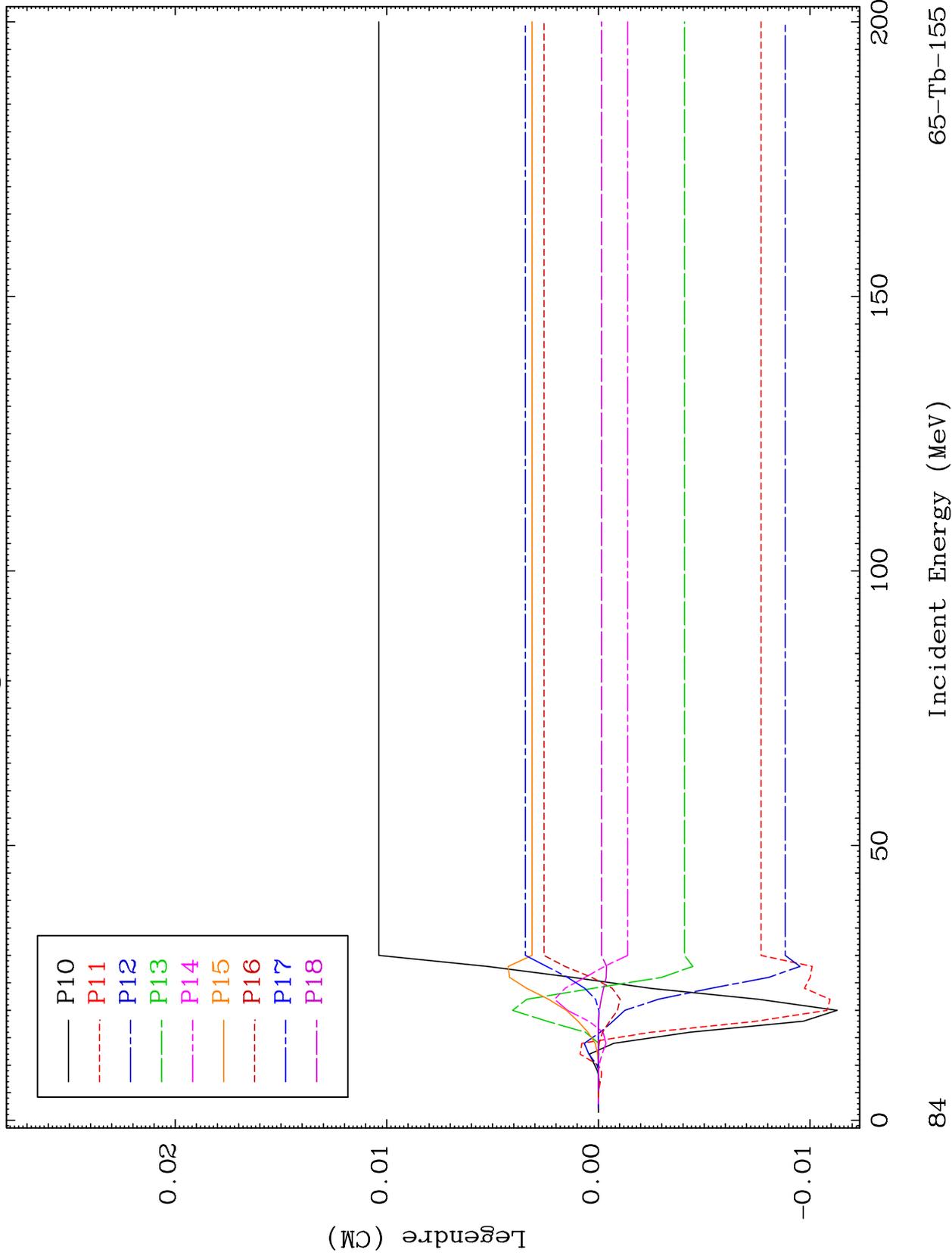
65-Tb-155



MAT 6513

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

65-Tb-155



84

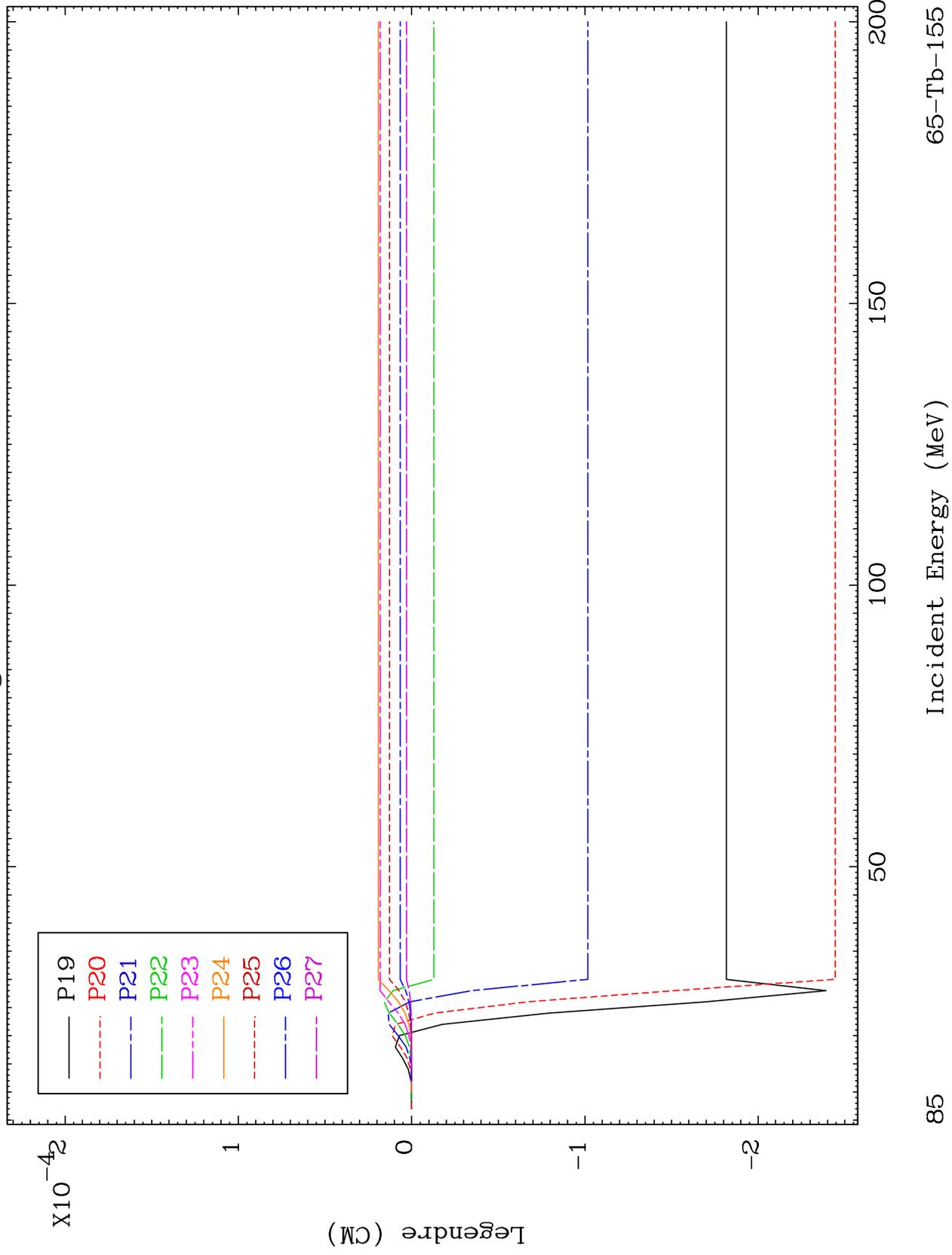
Incident Energy (MeV)

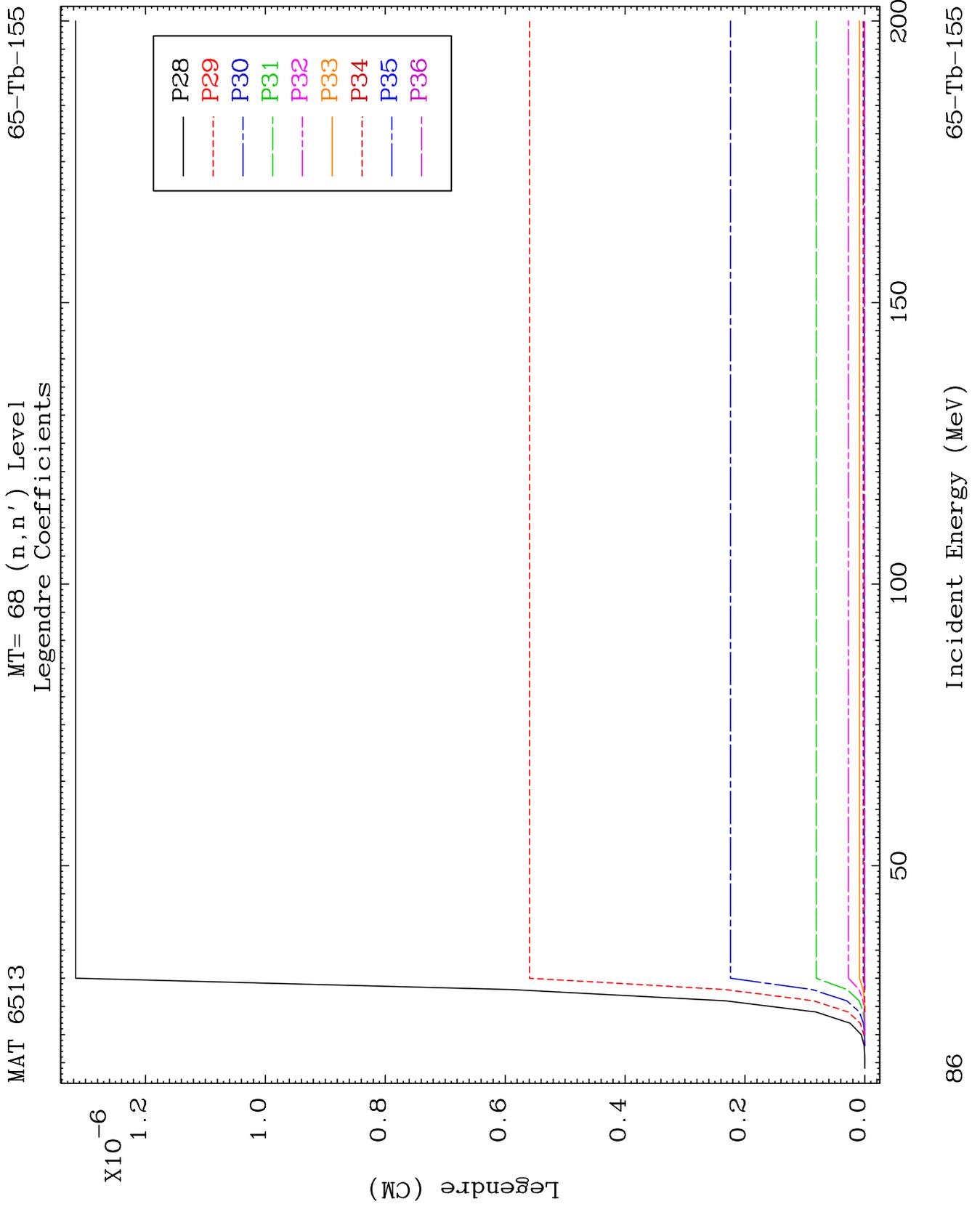
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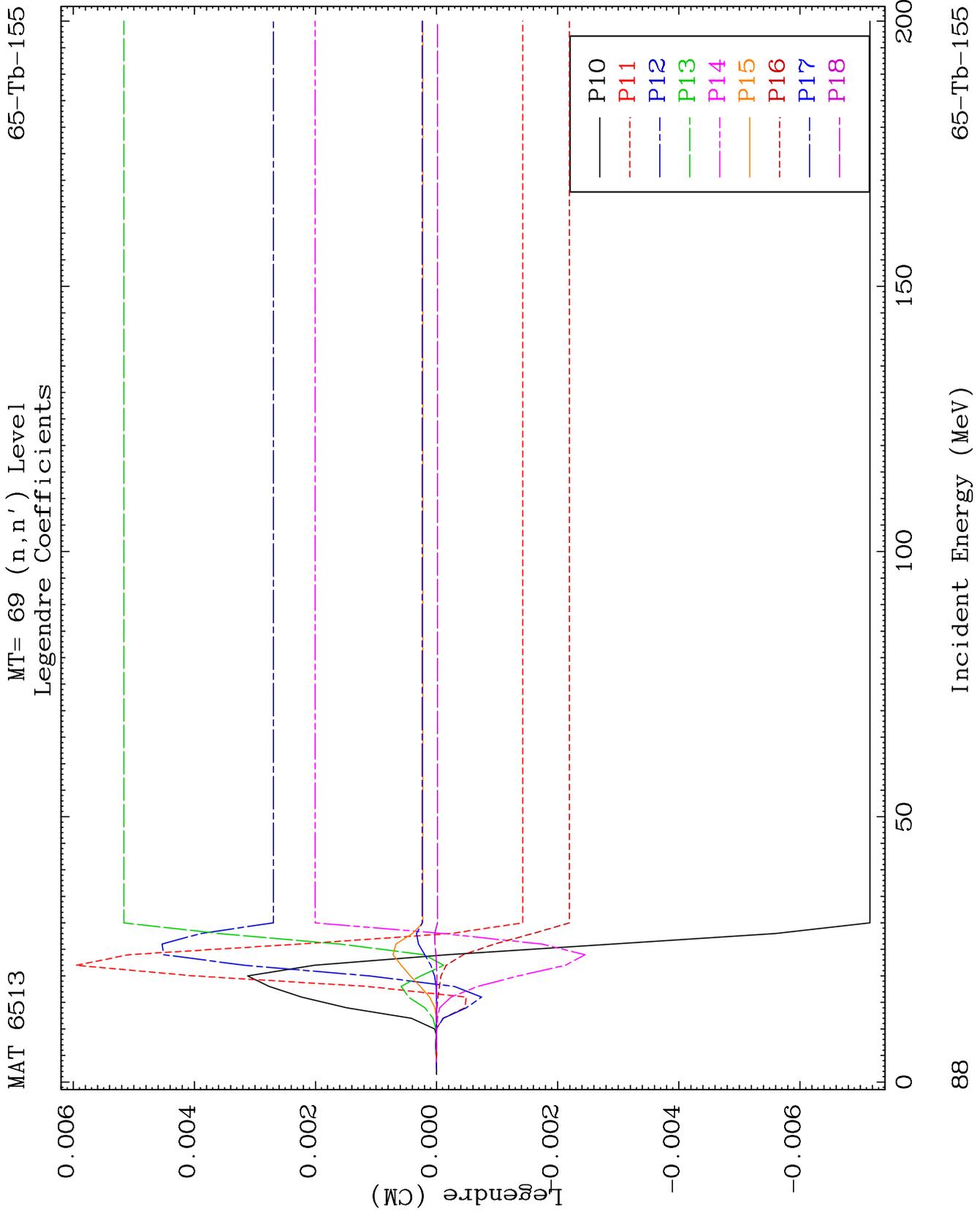
MAT 6513

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

65-Tb-155



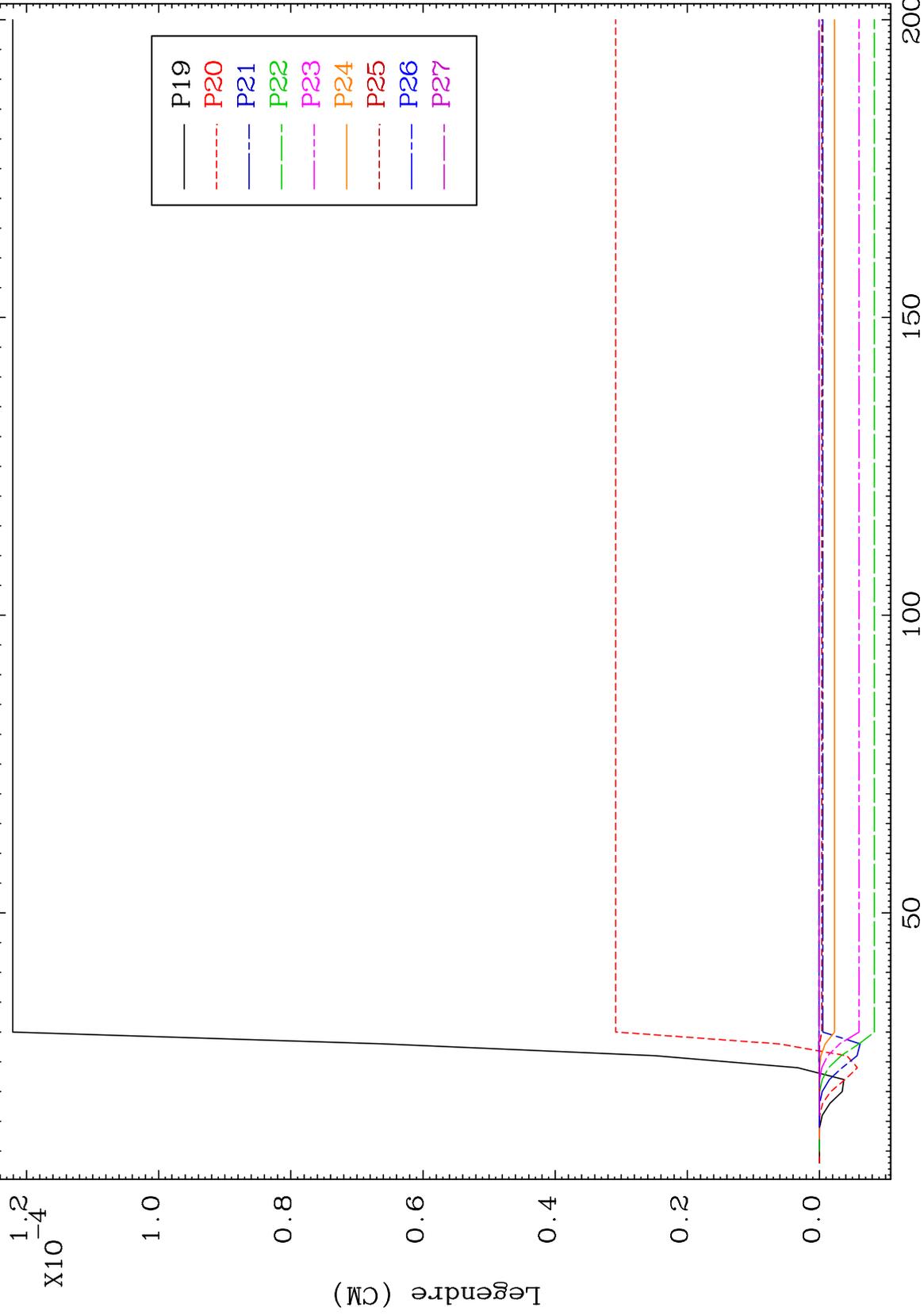




MAT 6513

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

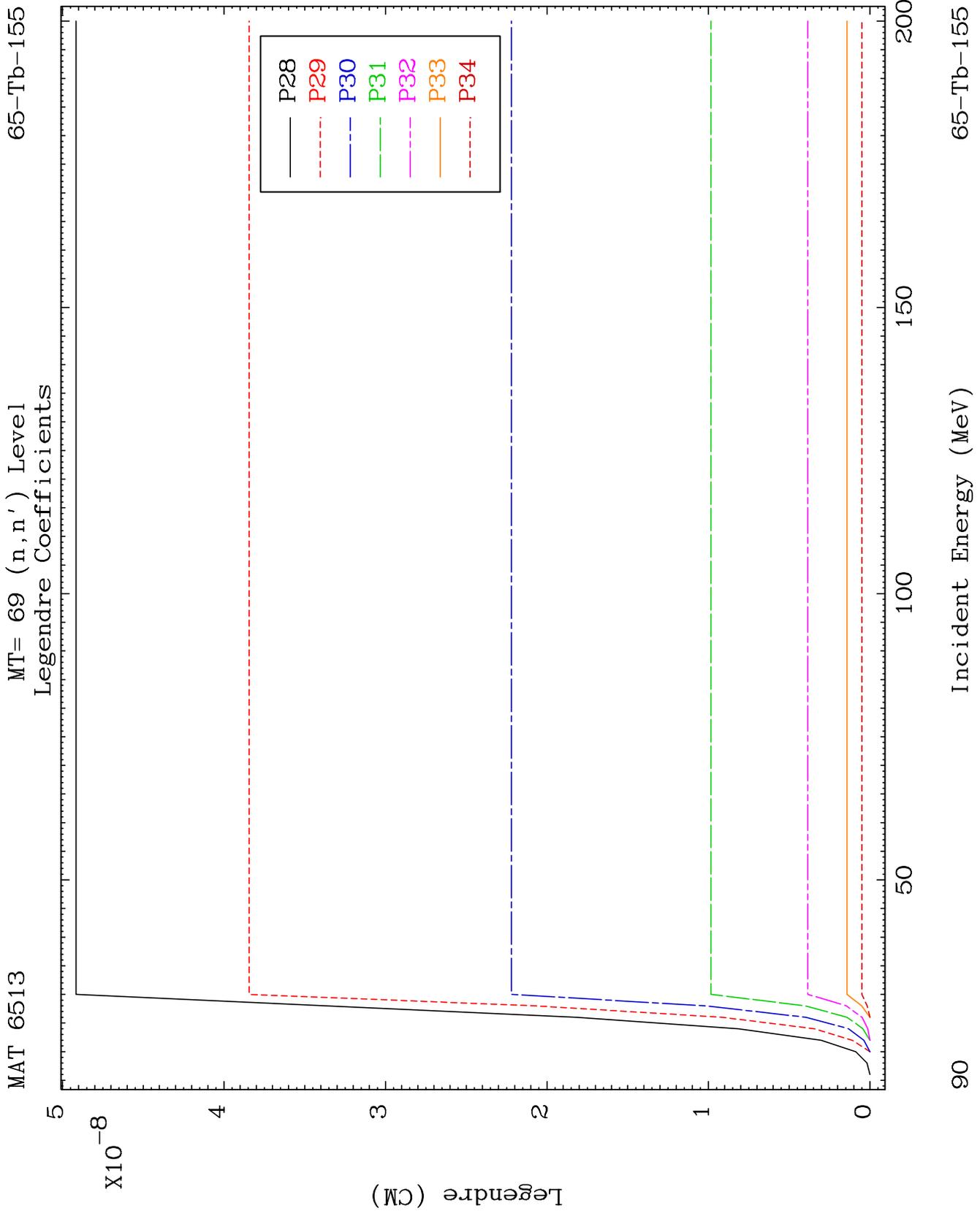
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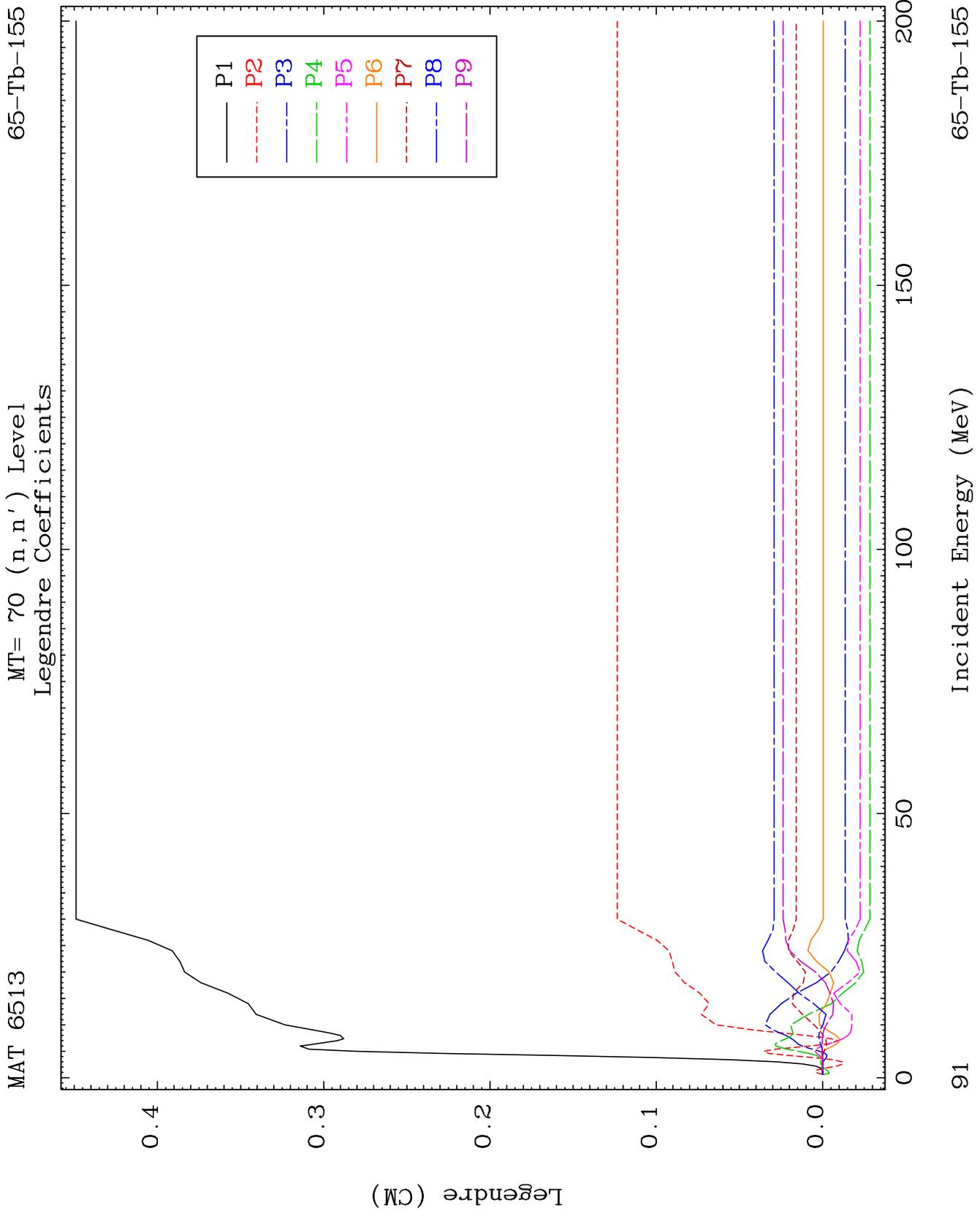


89

Incident Energy (MeV)

65-Tb-155

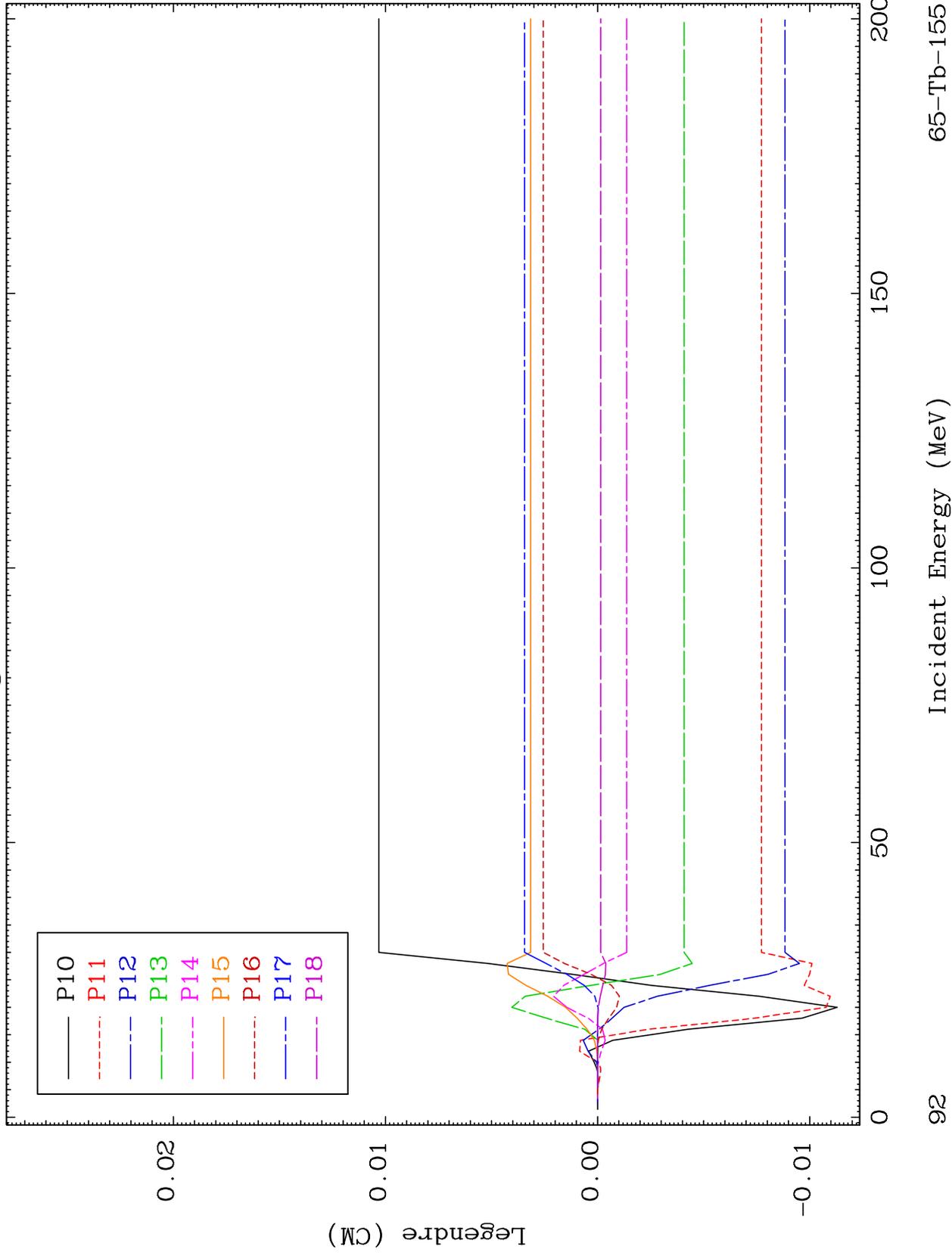




MAT 6513

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

65-Tb-155



92

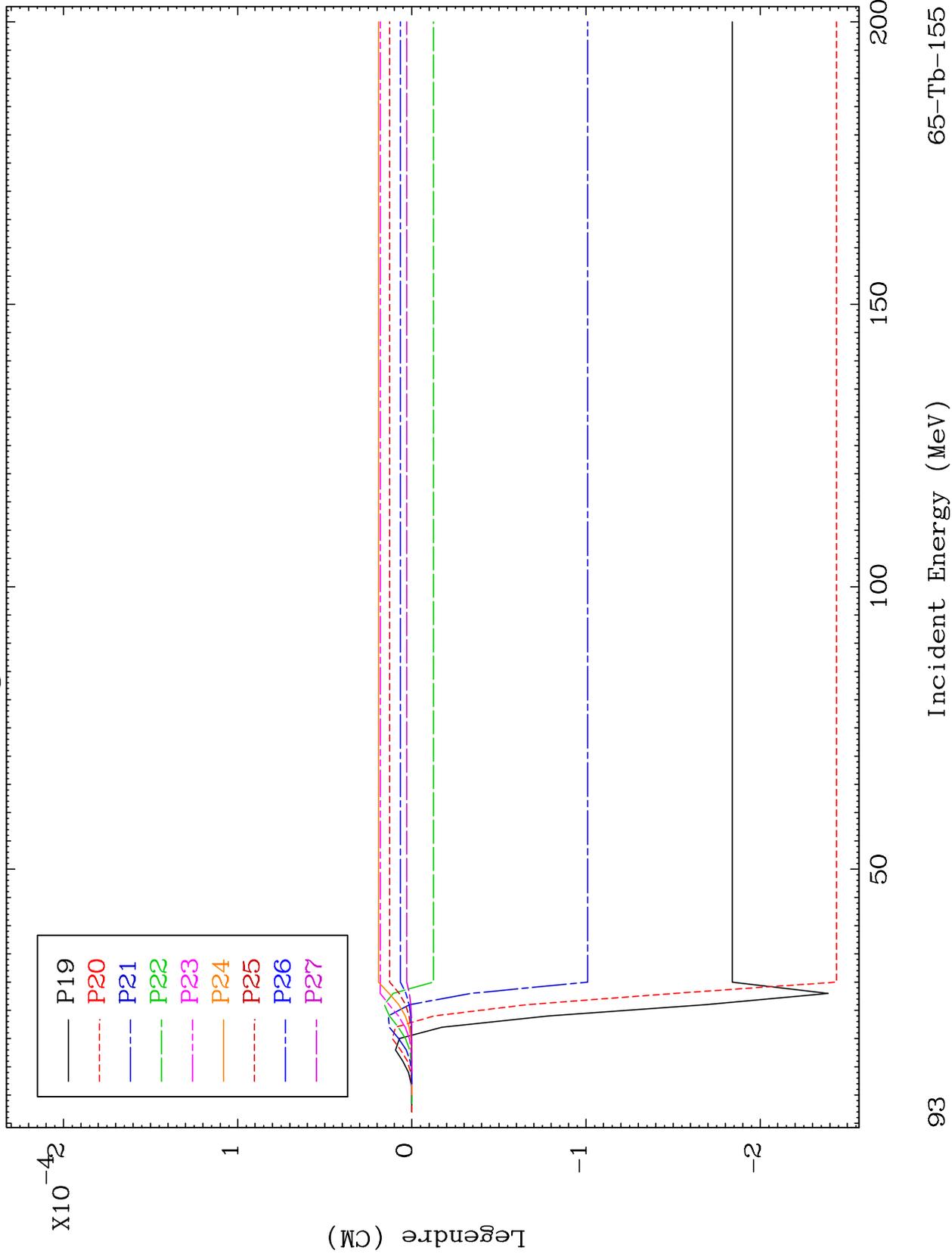
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

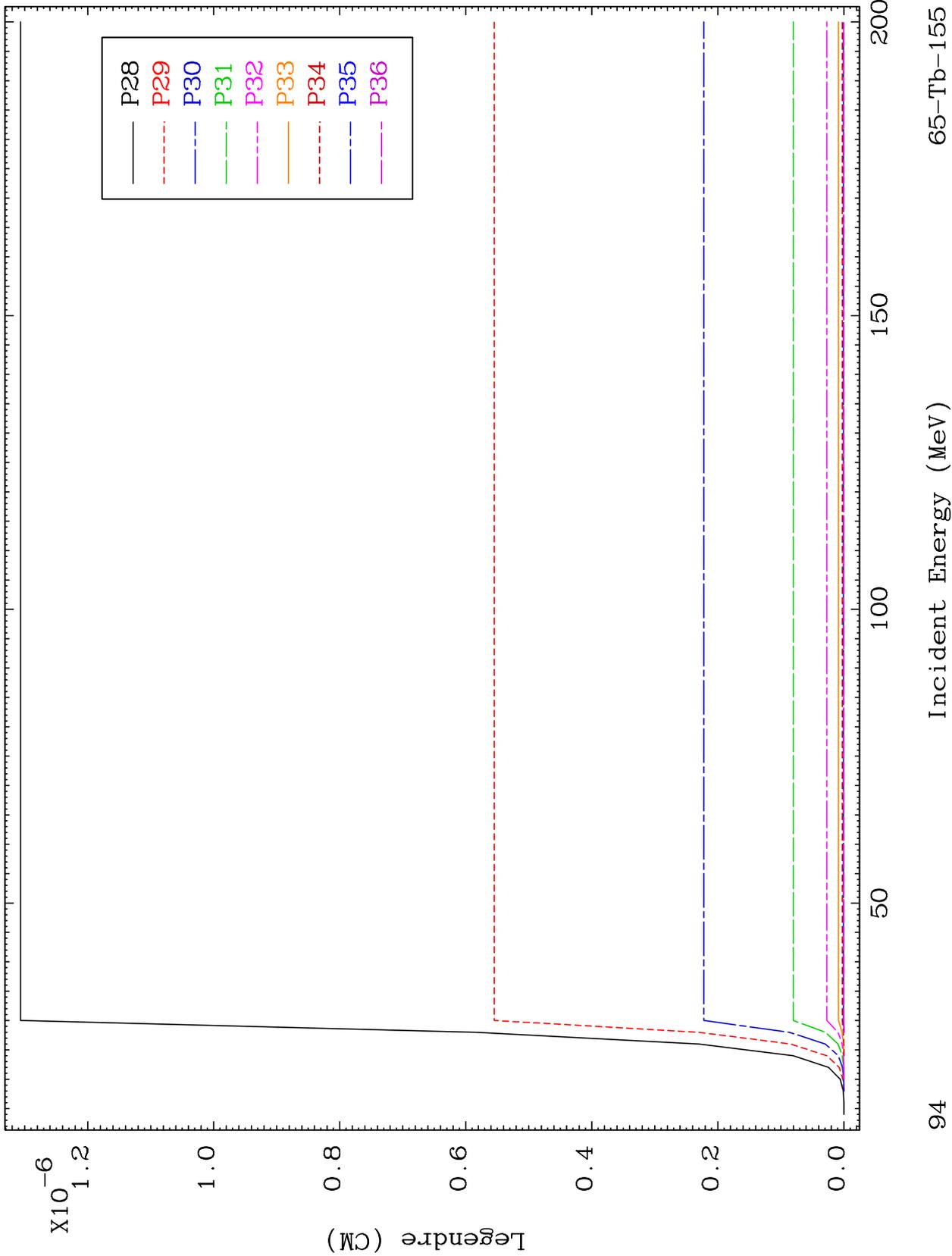
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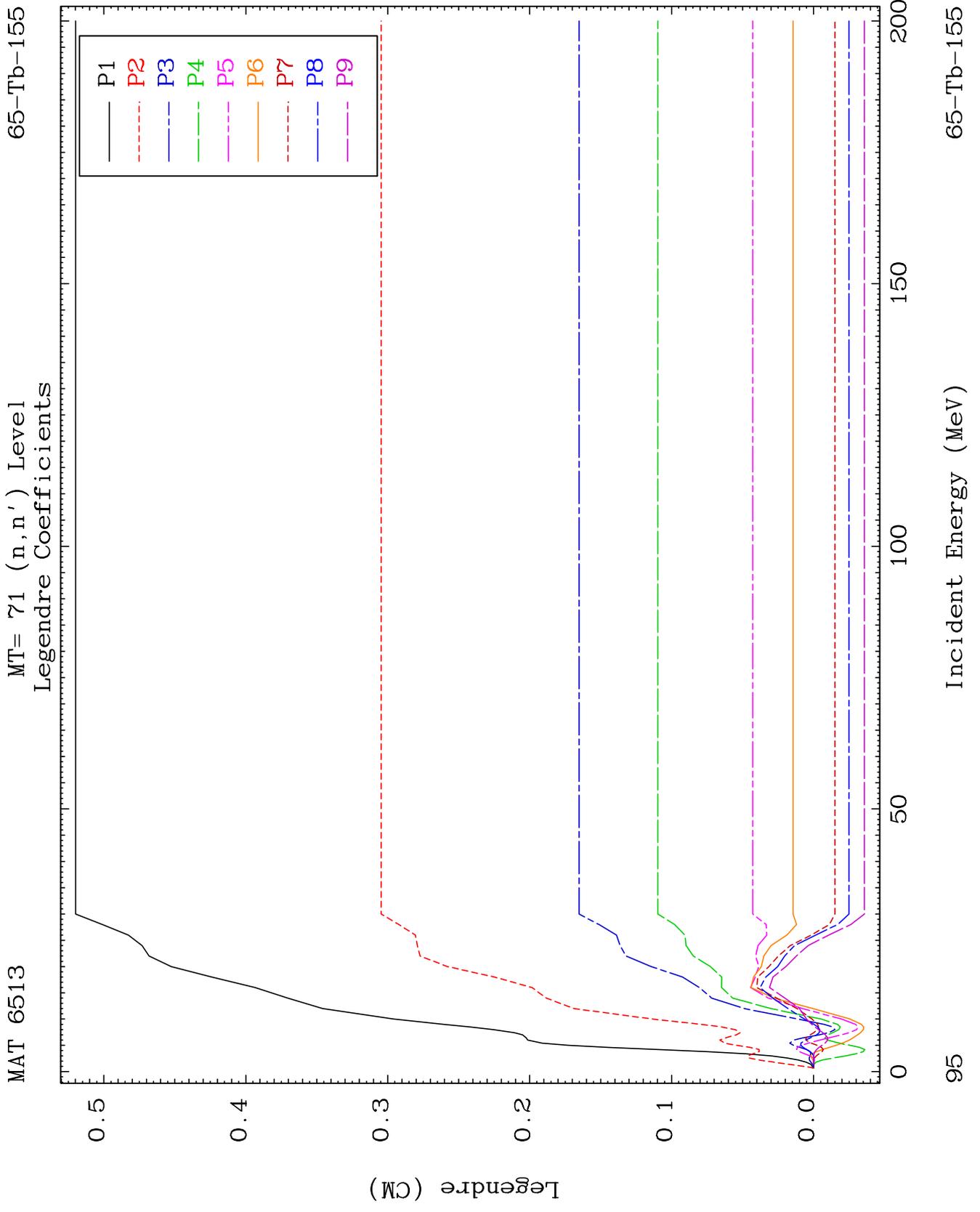
MAT 6513

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

65-Tb-155



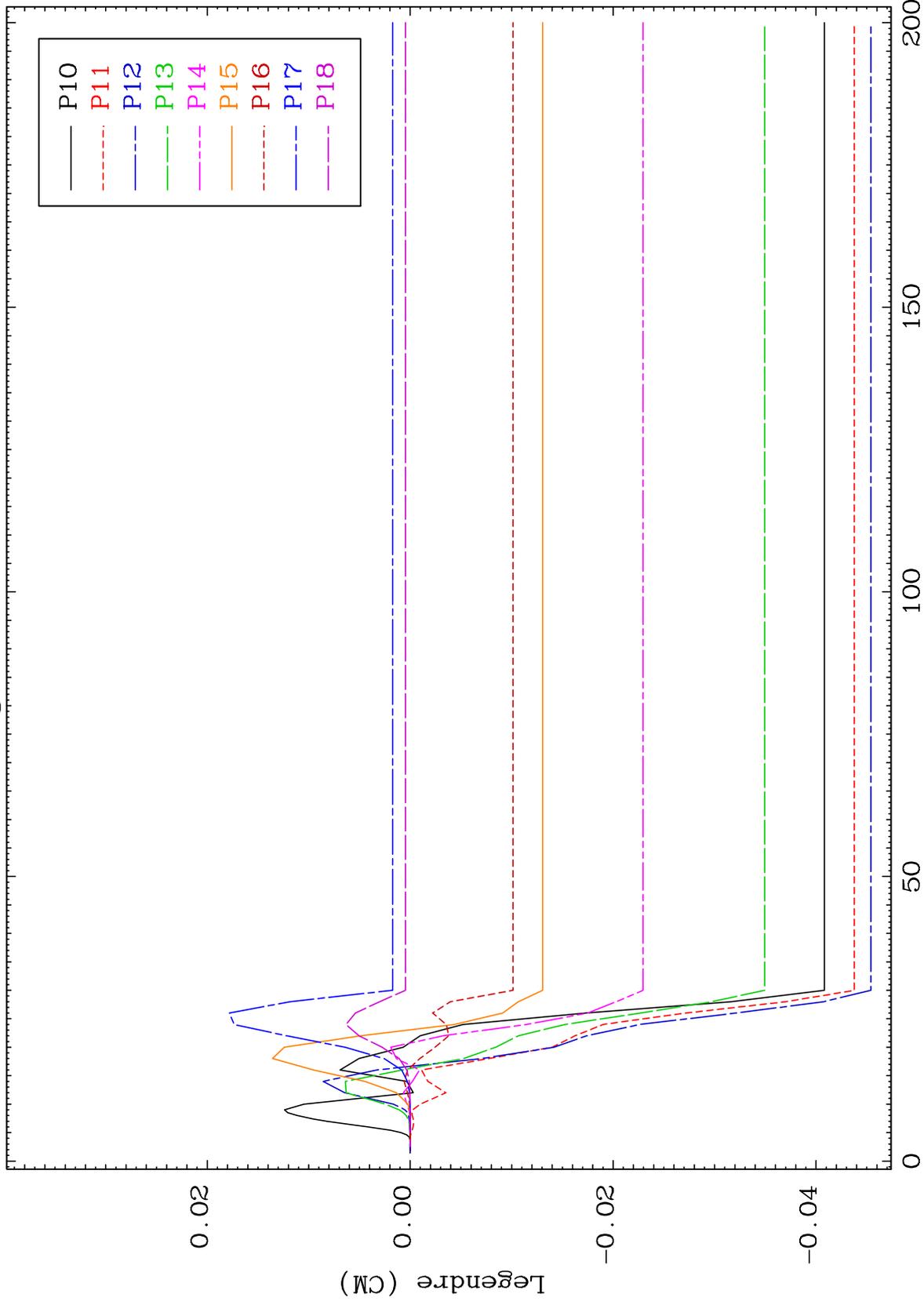
94



MAT 6513

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

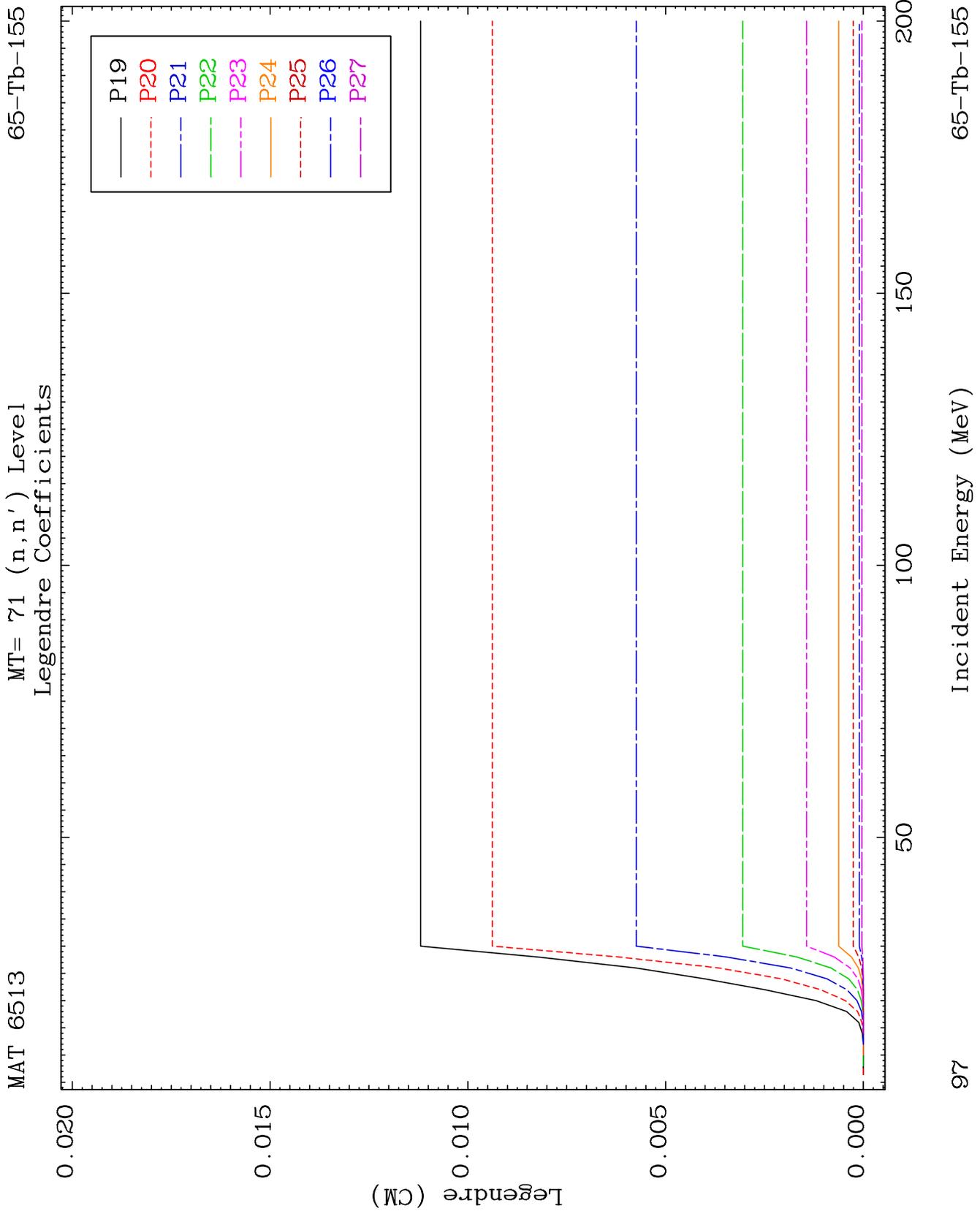
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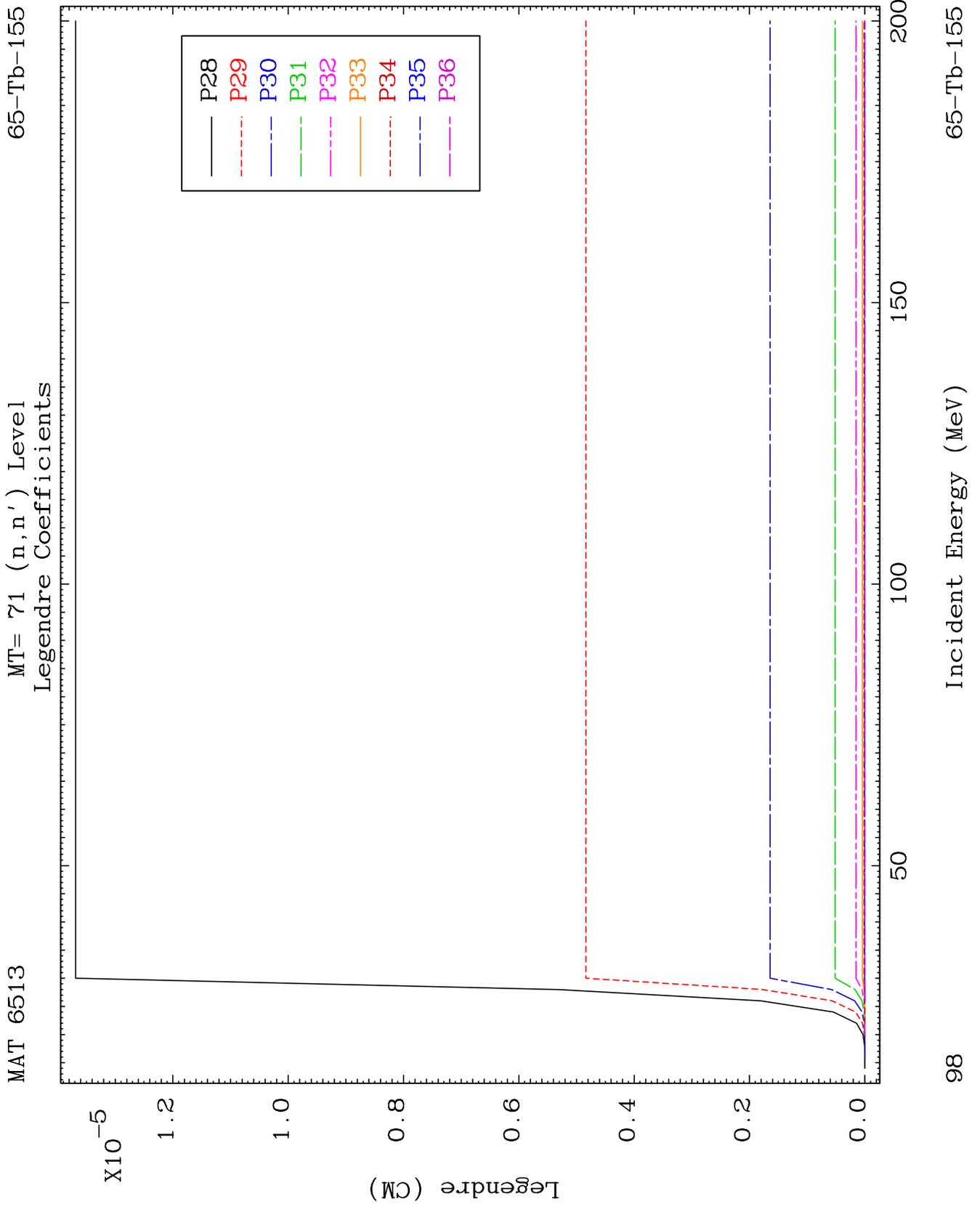


96

Incident Energy (MeV)

65-Tb-155

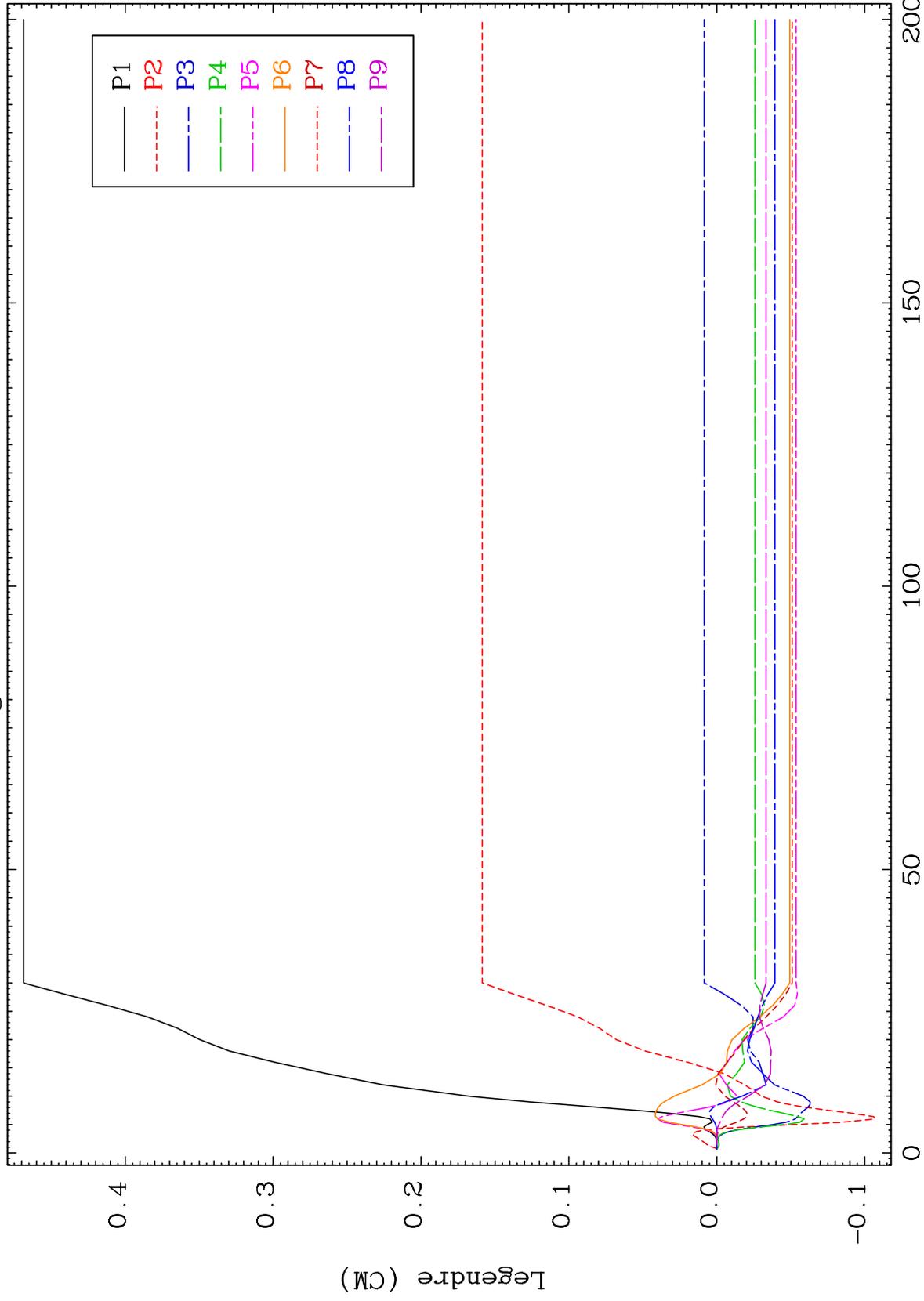




MAT 6513

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

65-Tb-155



99

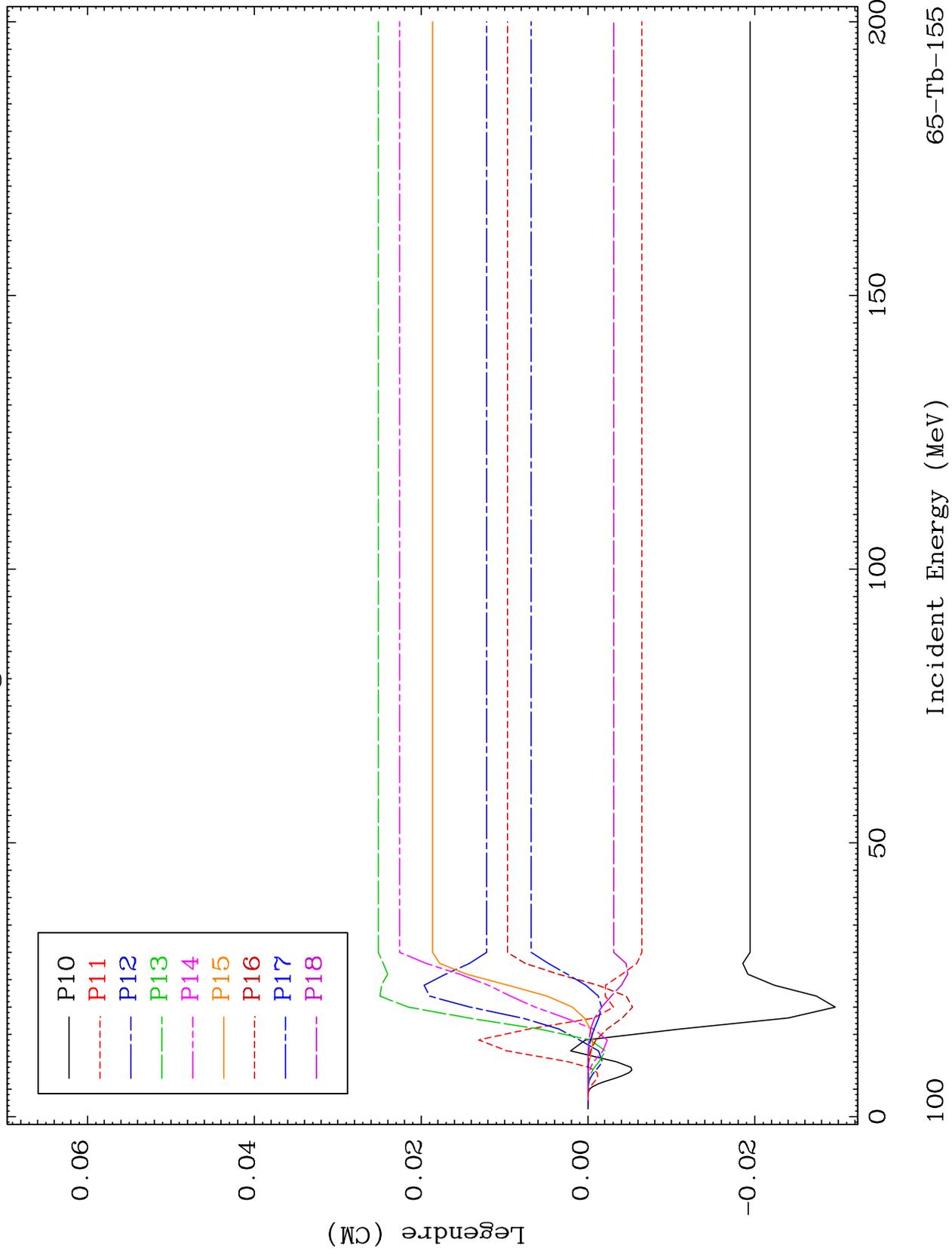
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

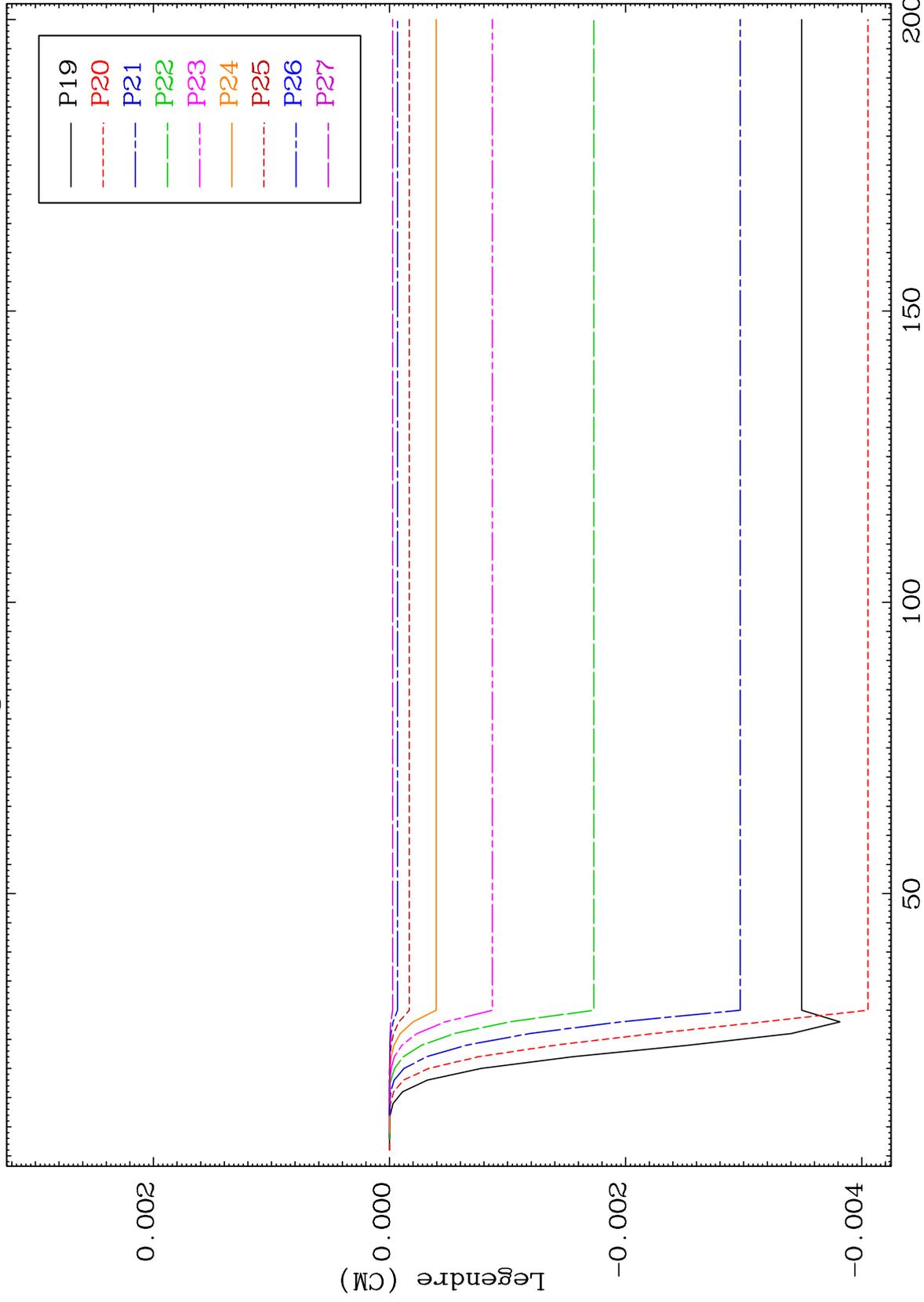
65-Tb-155



MAT 6513

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

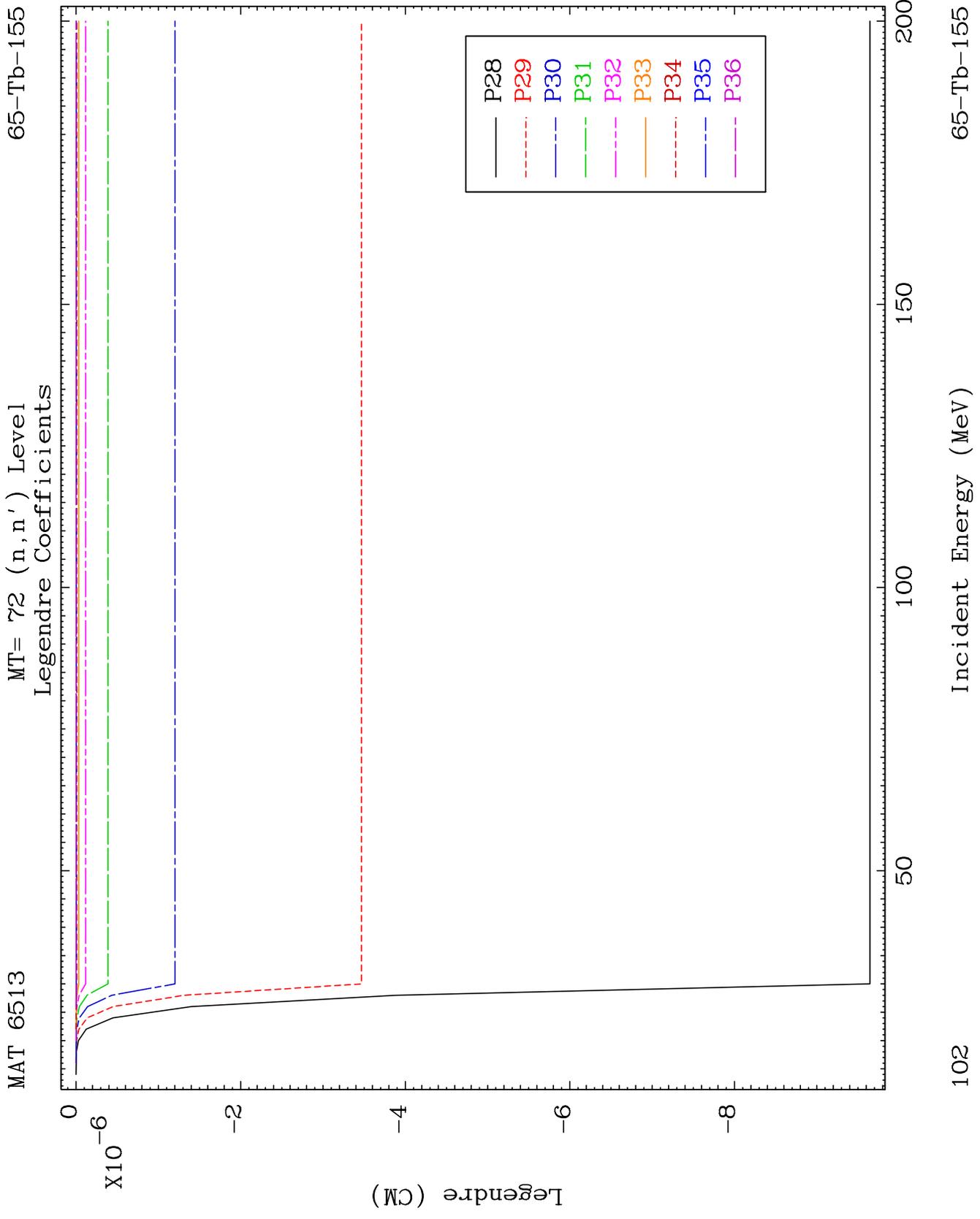
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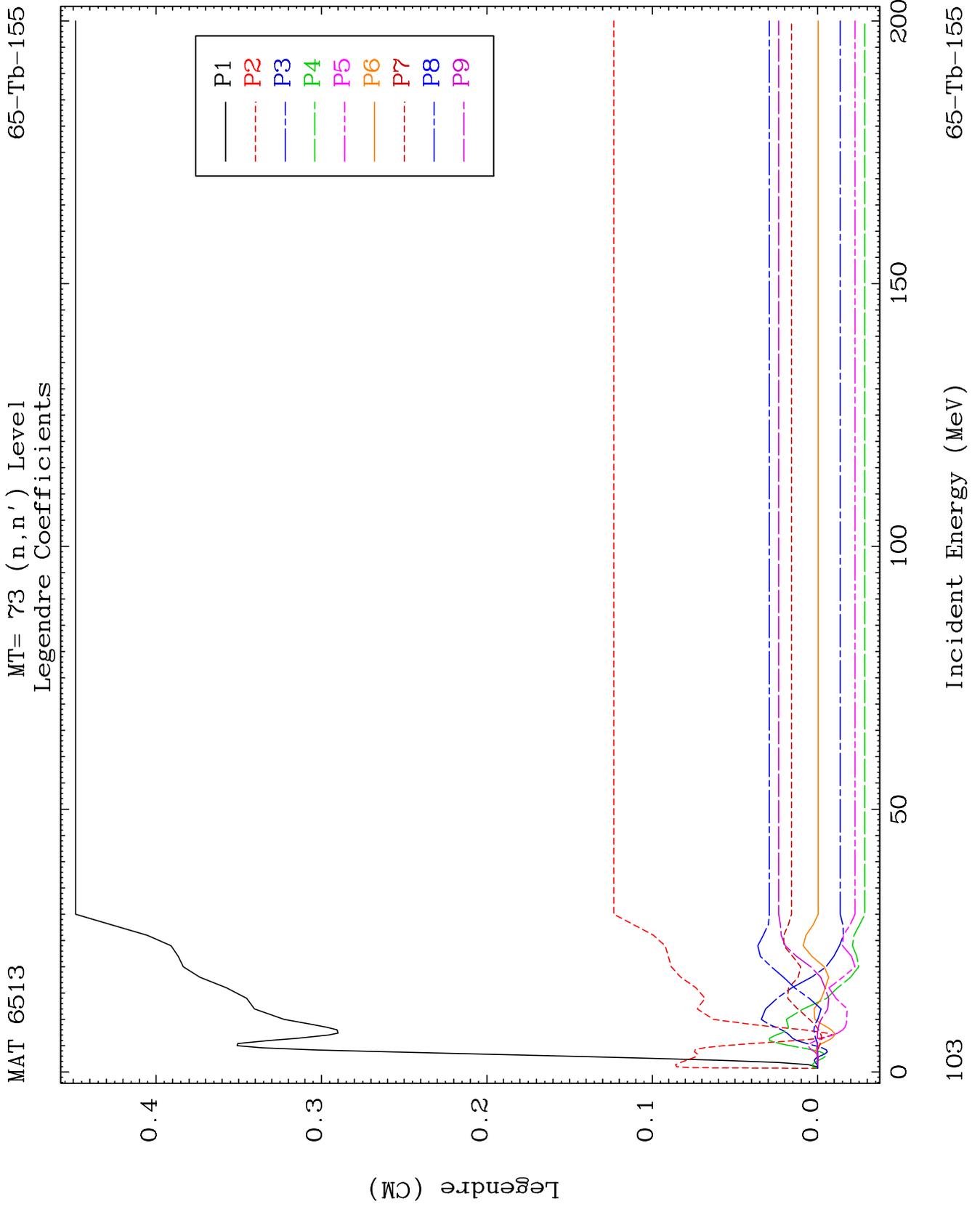


101

Incident Energy (MeV)

65-Tb-155

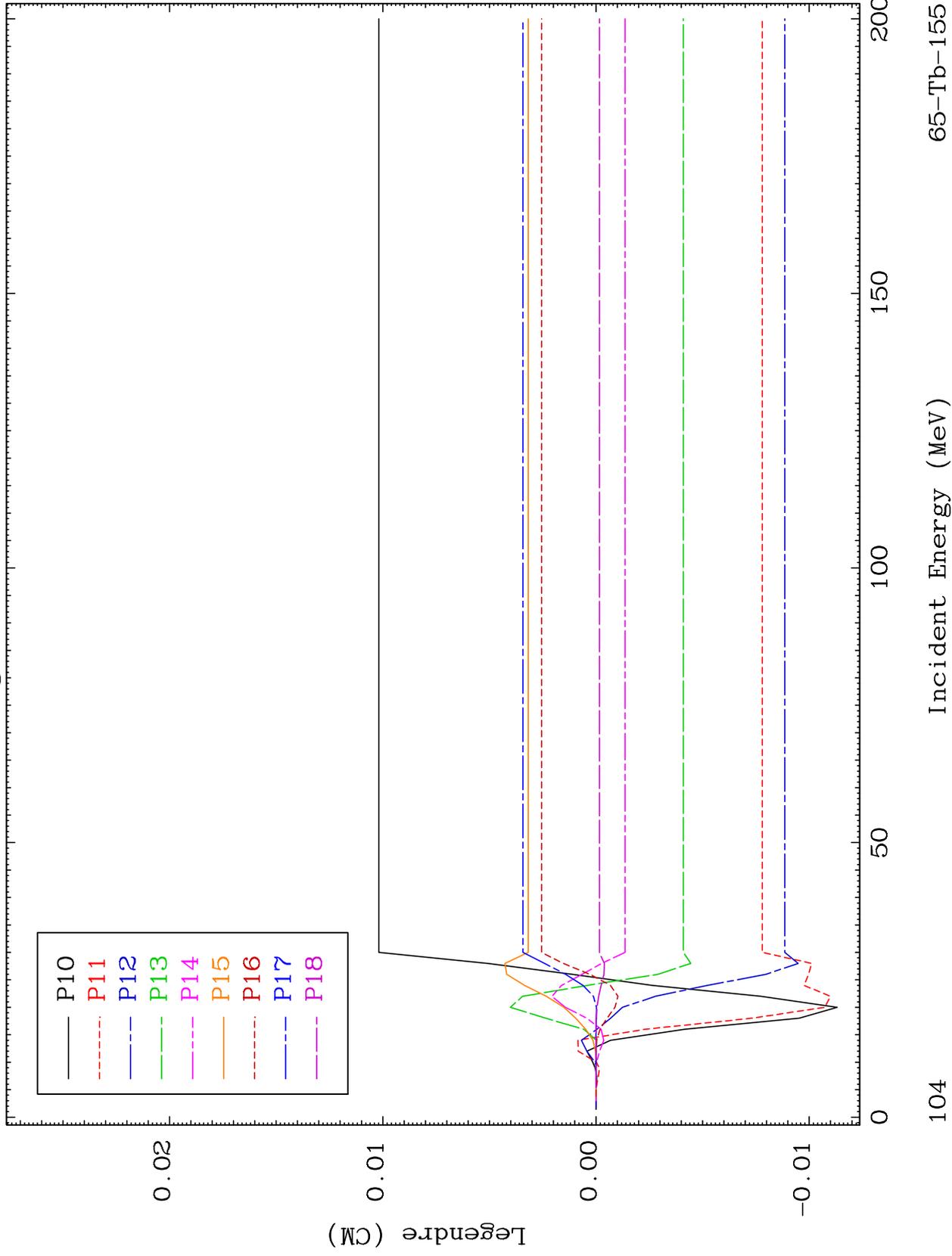




MAT 6513

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

65-Tb-155



104

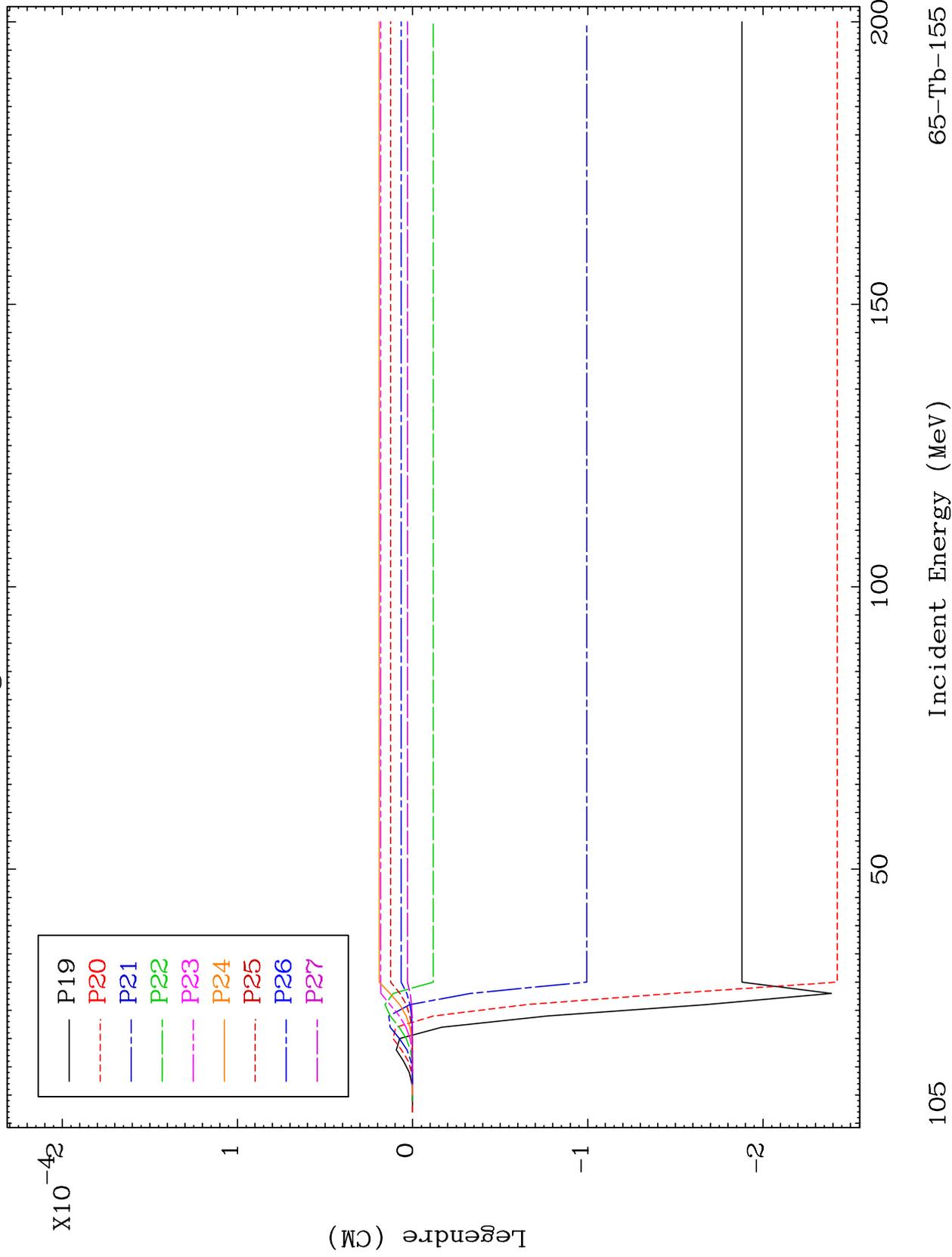
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



105

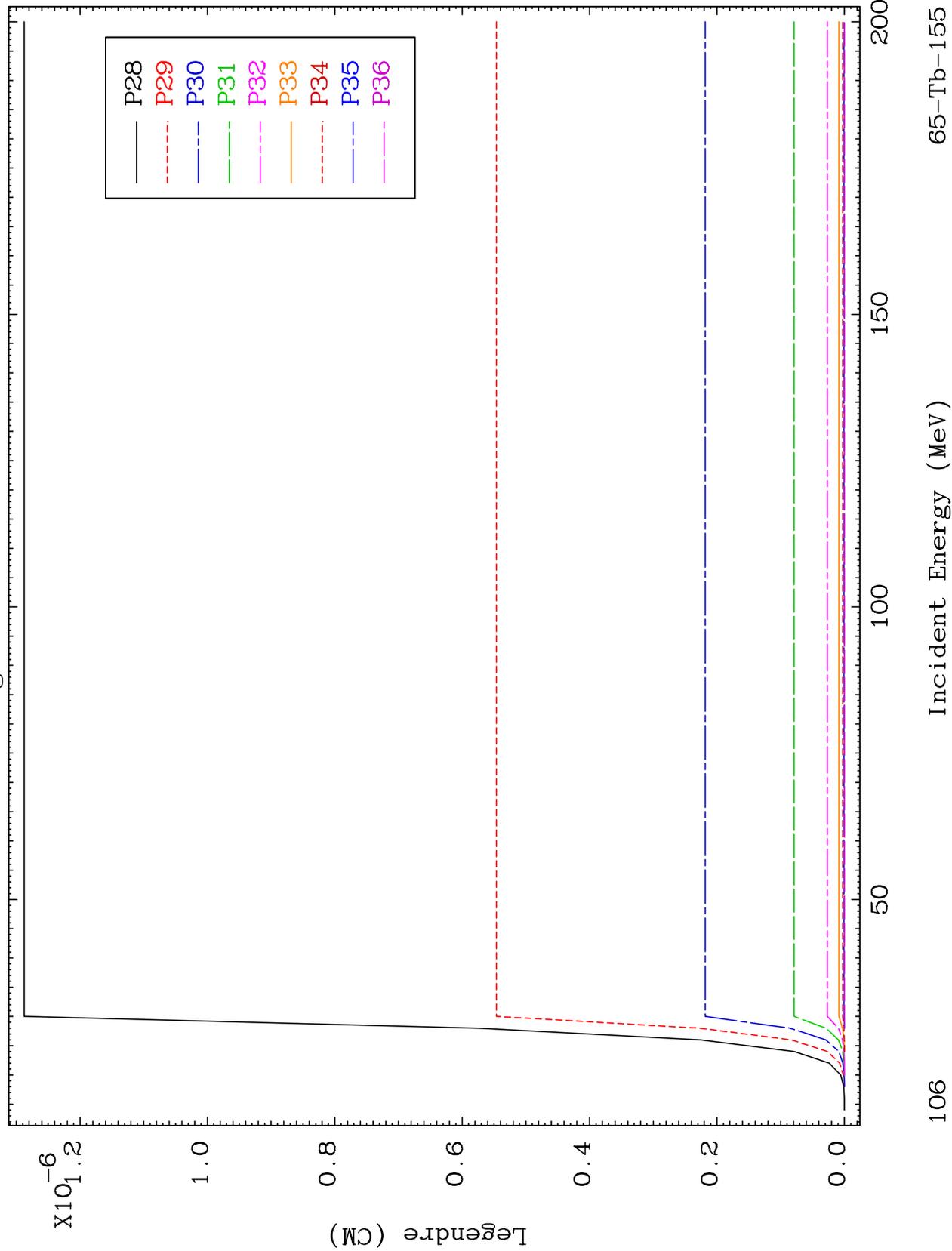
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



106

Incident Energy (MeV)

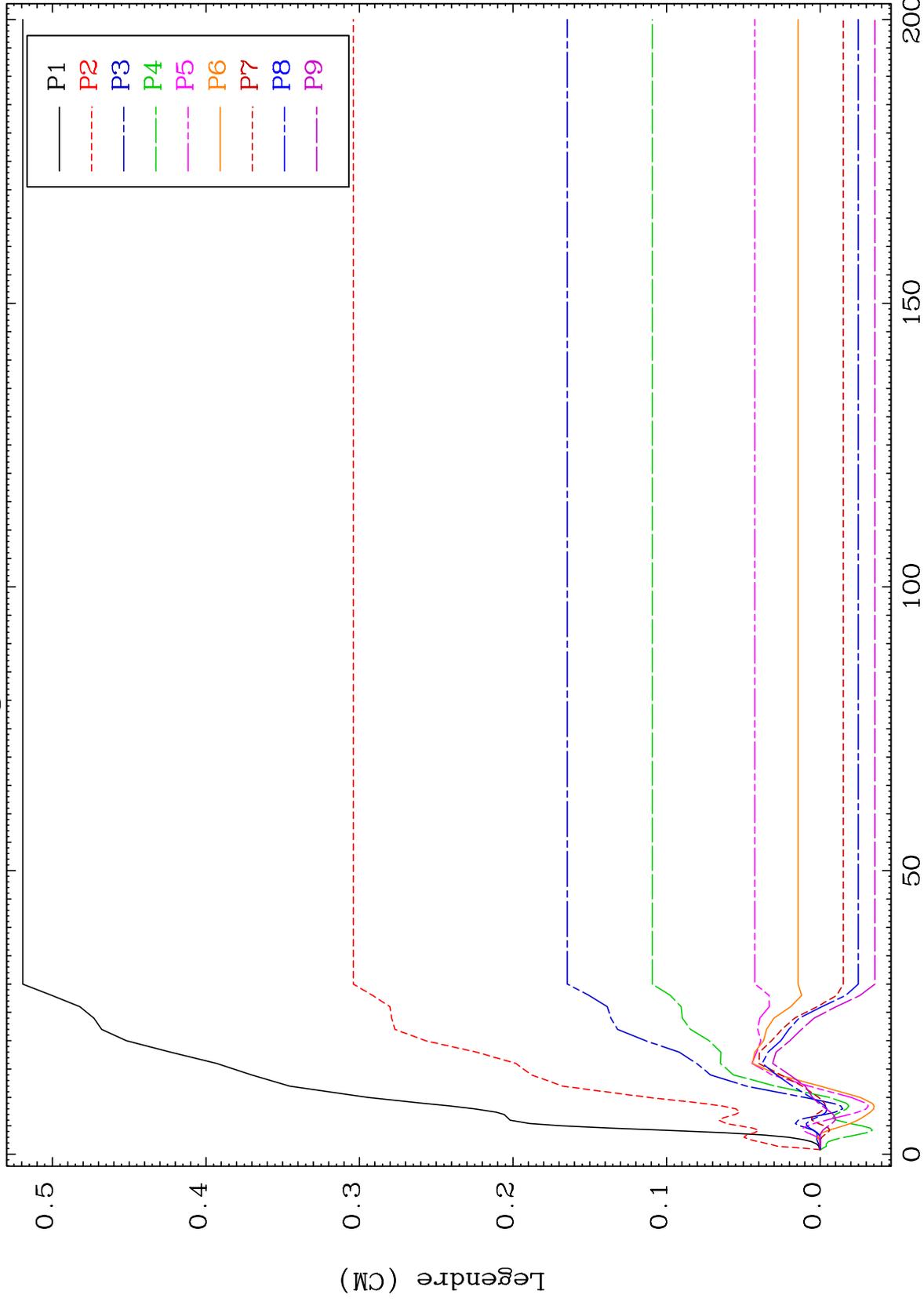
65-Tb-155

MAT 6513

MT= 74 (n,n') Level

65-Tb-155

Legendre Coefficients



0

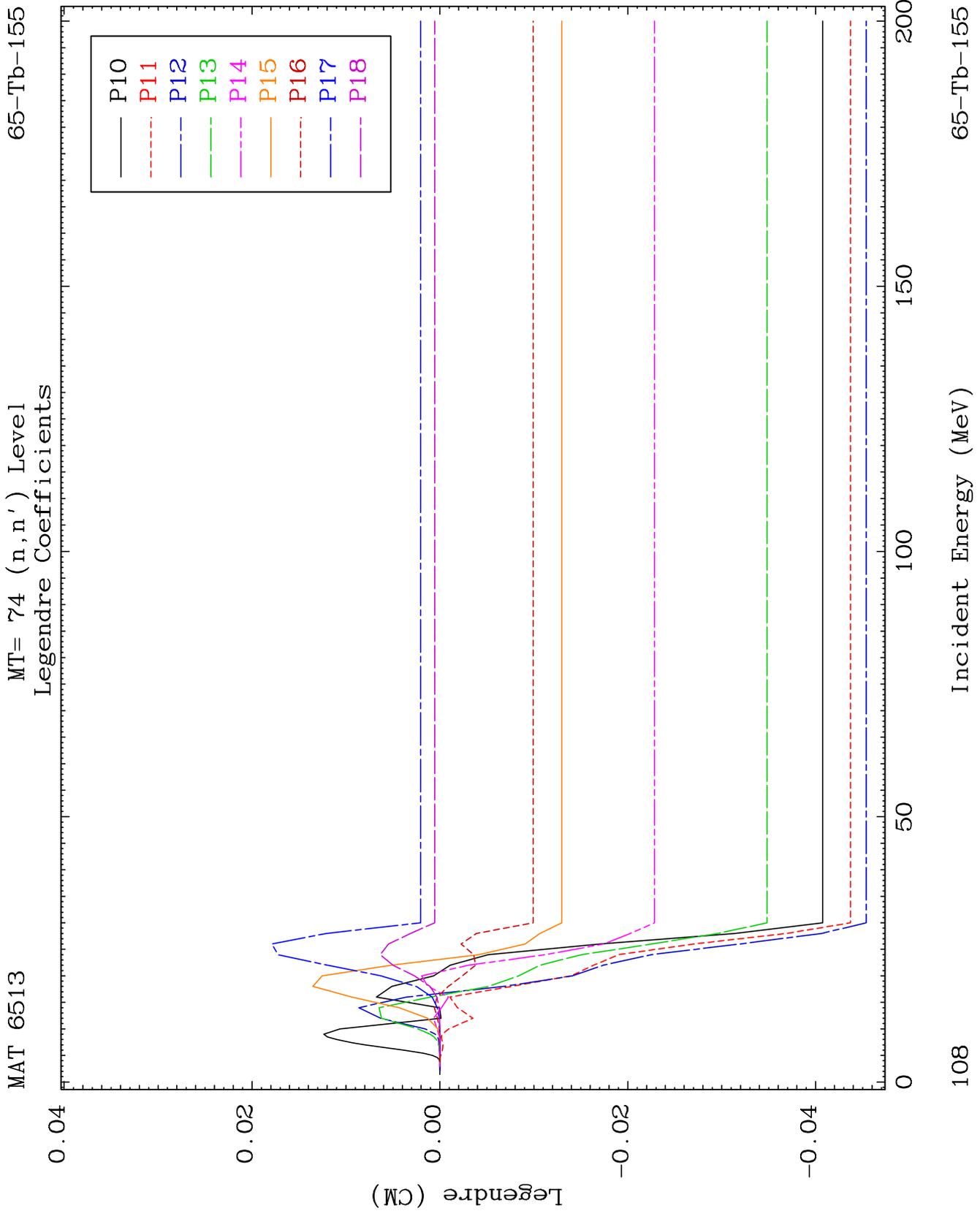
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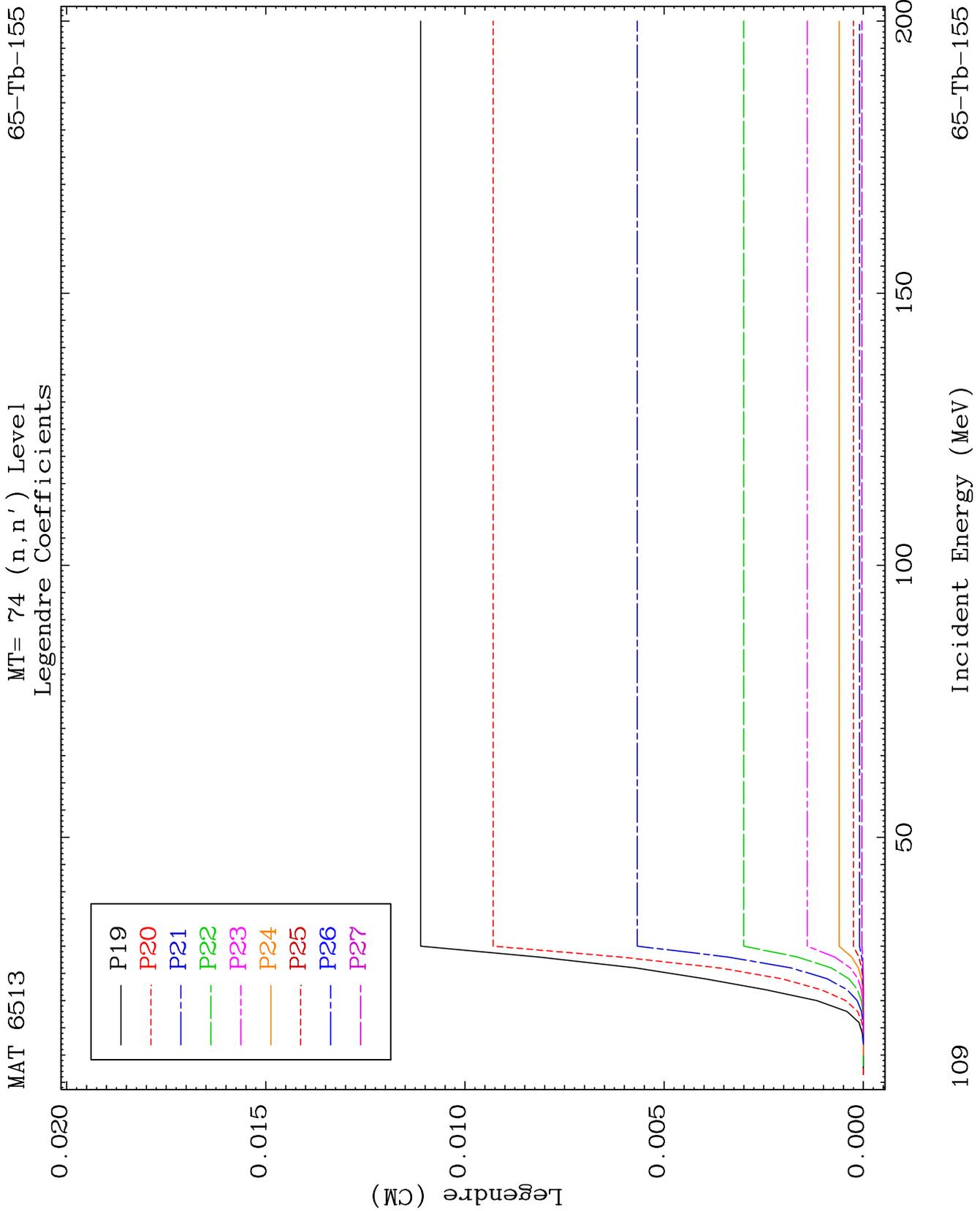
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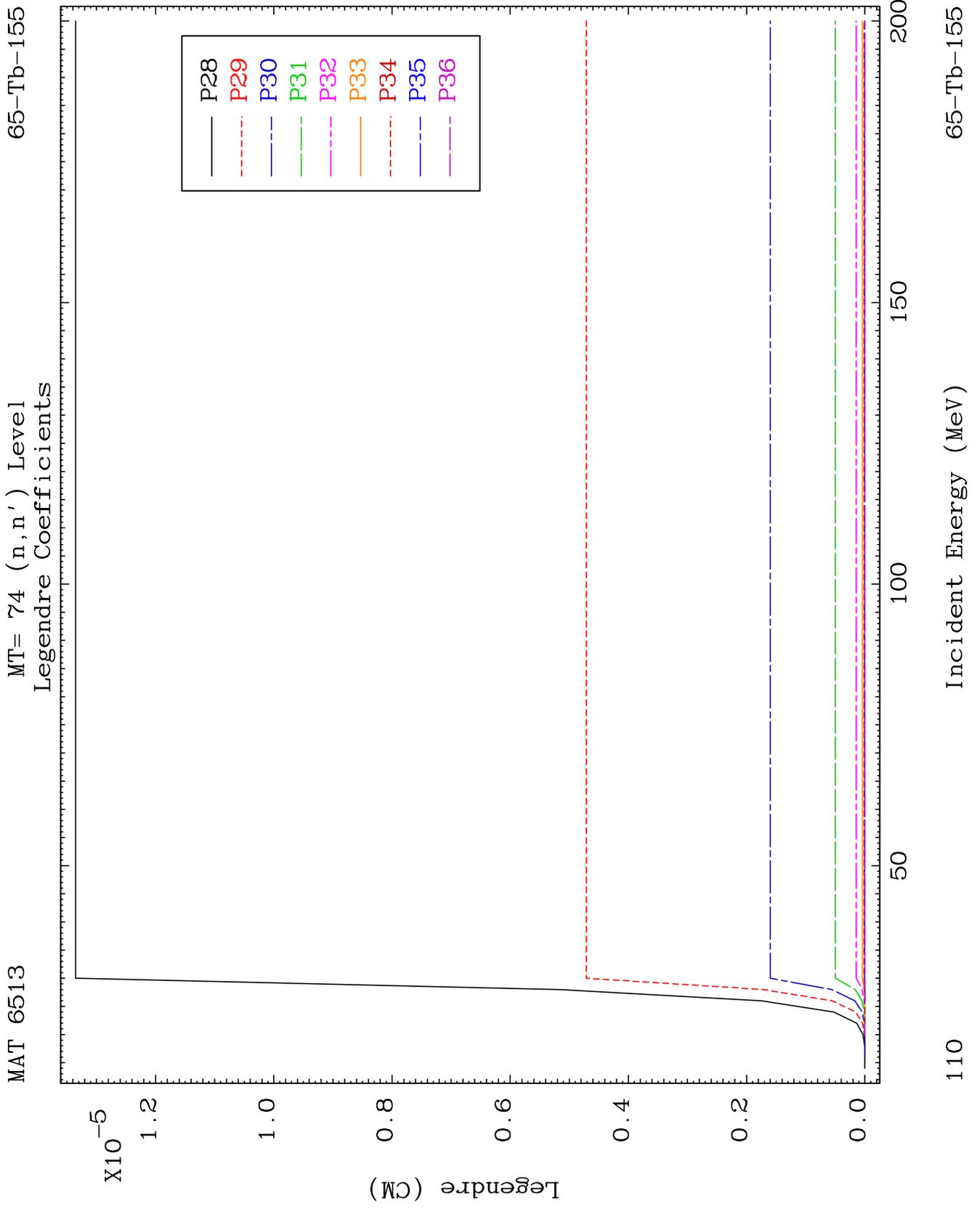
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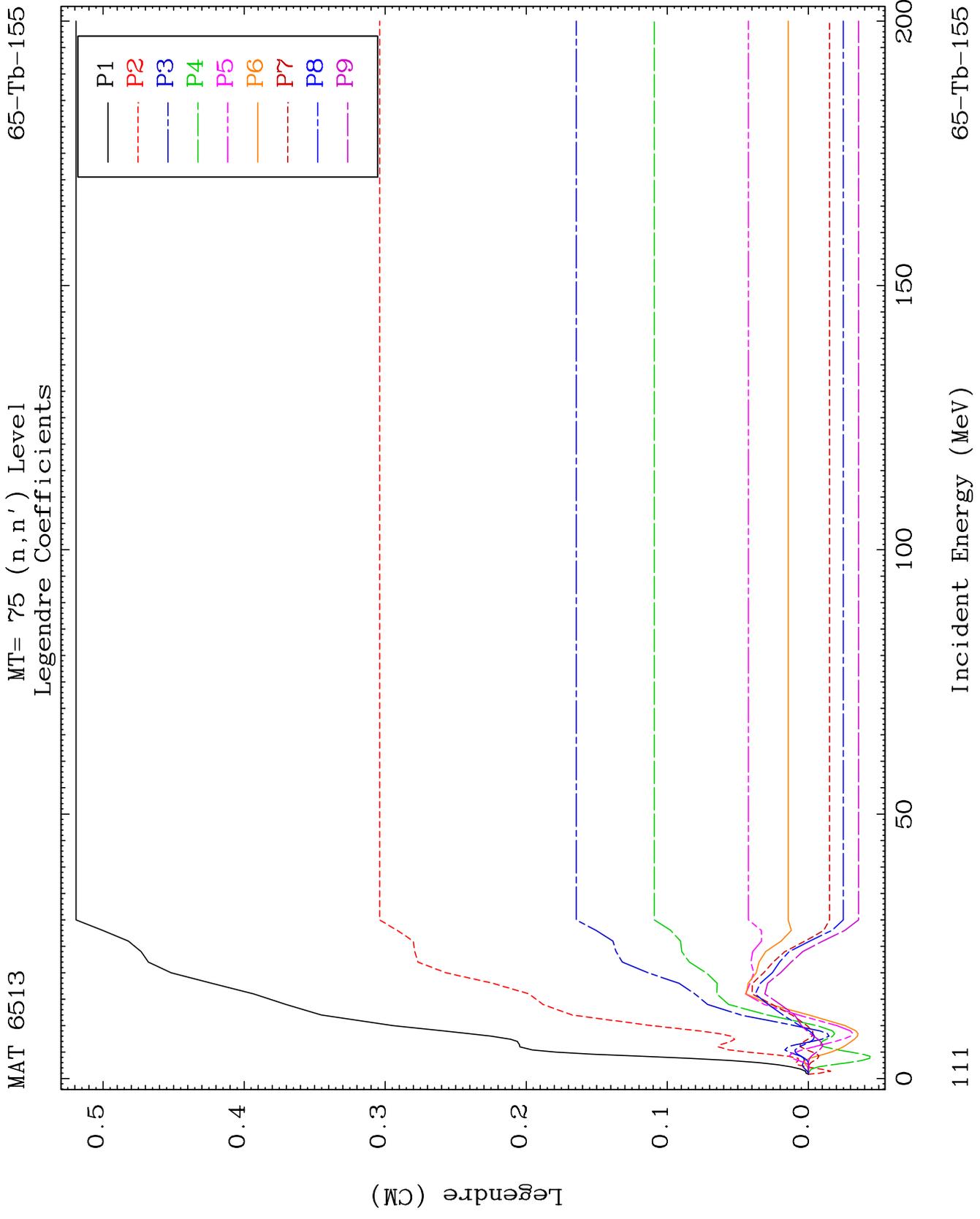
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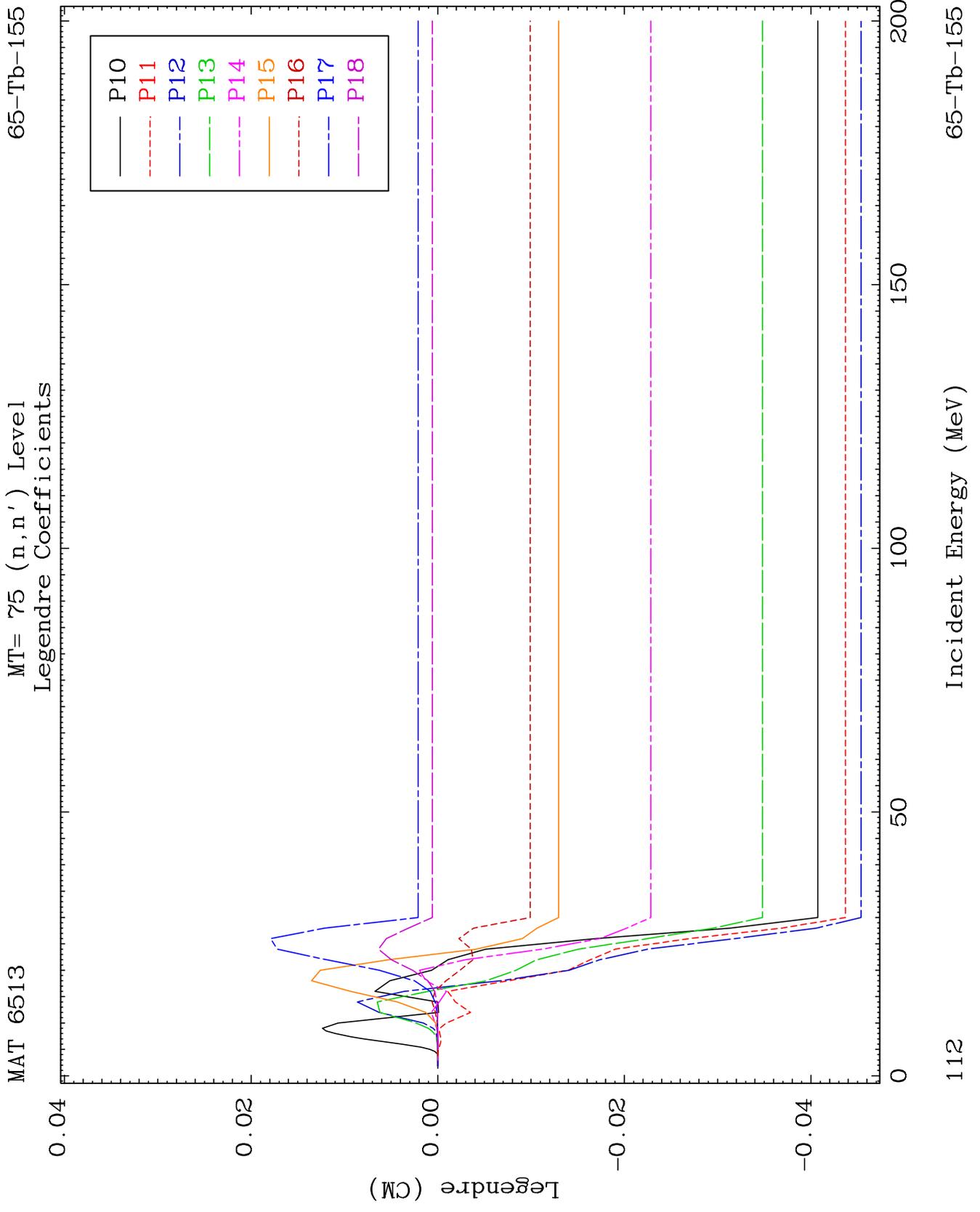
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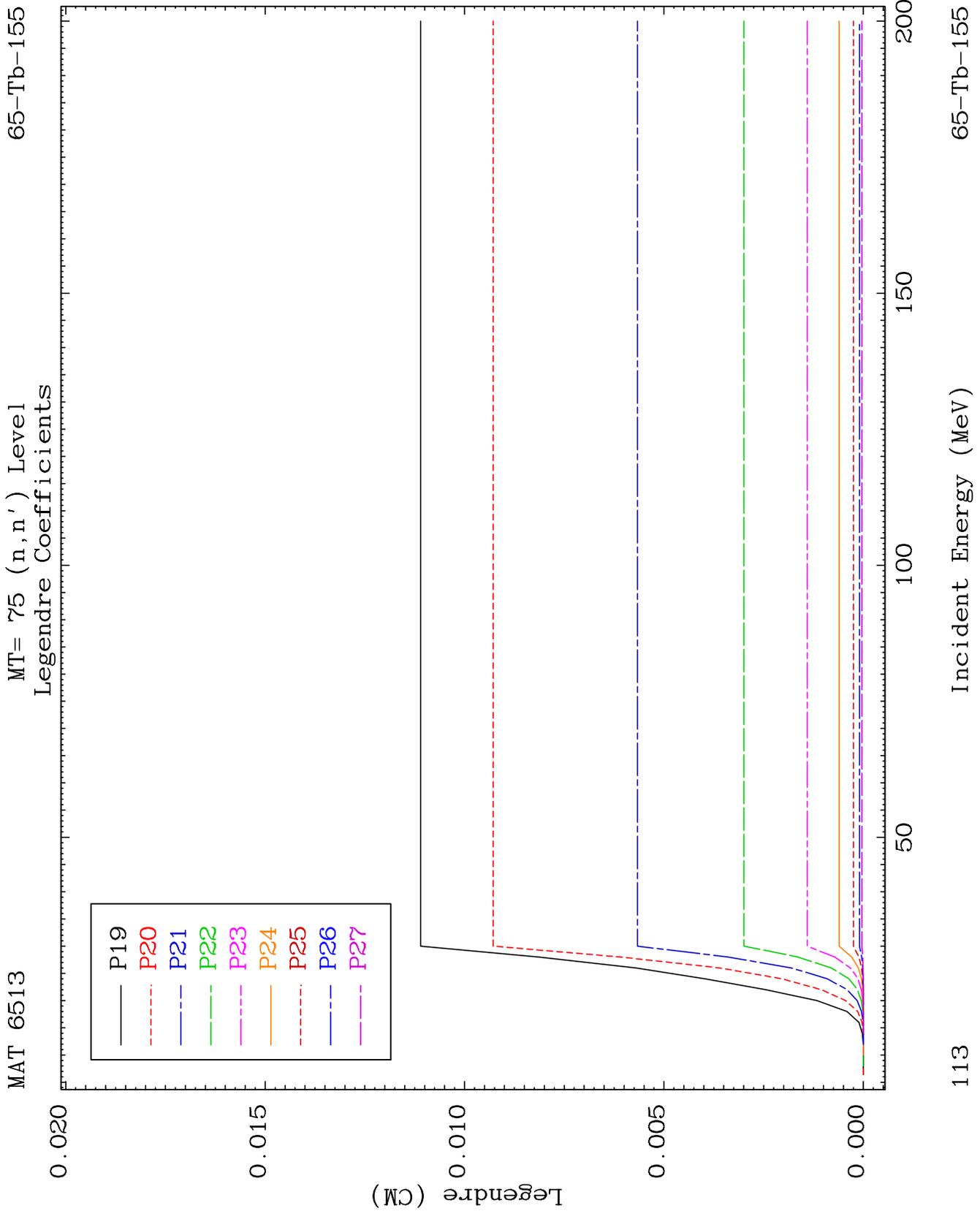








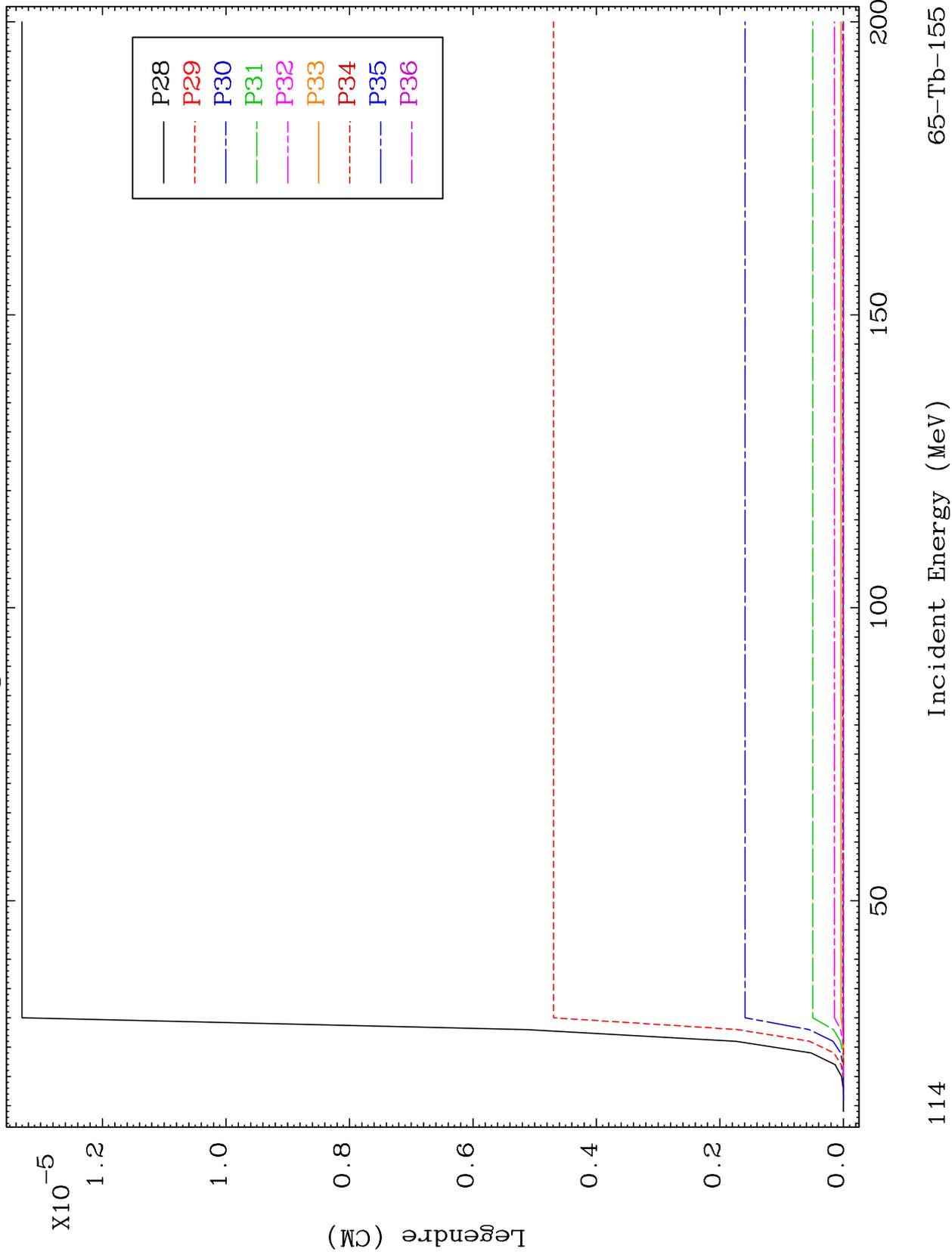


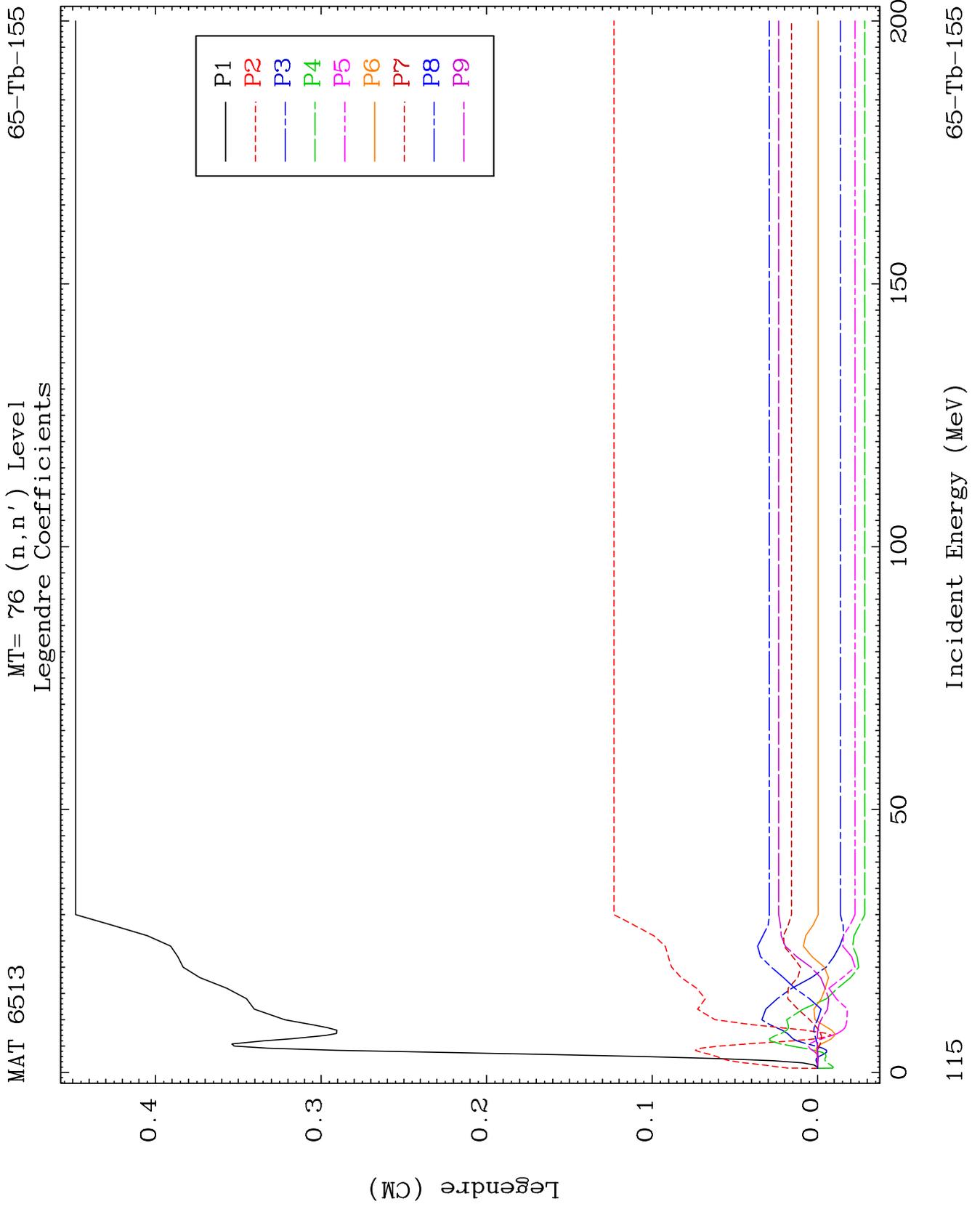


MAT 6513

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

65-Tb-155

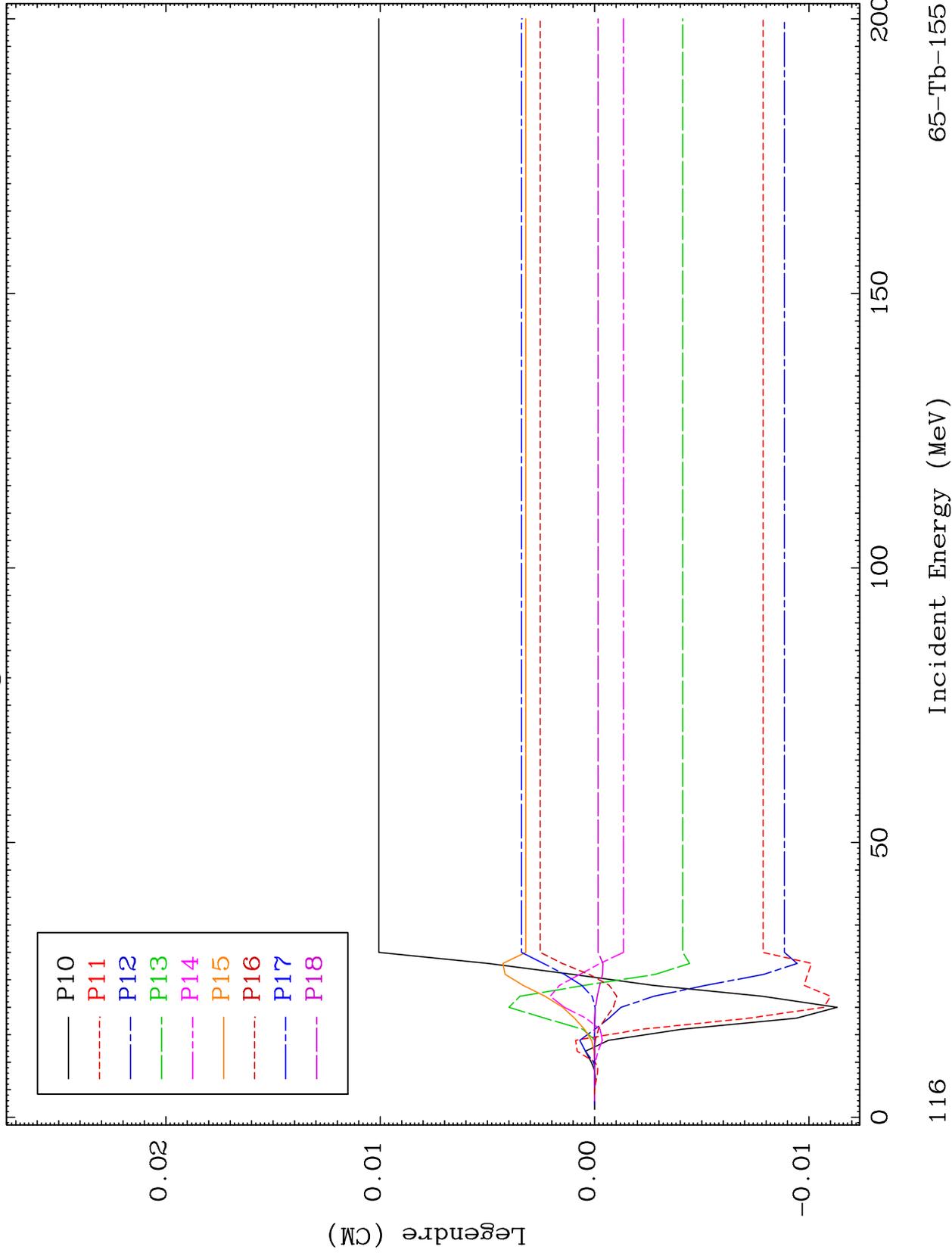




MAT 6513

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

65-Tb-155



116

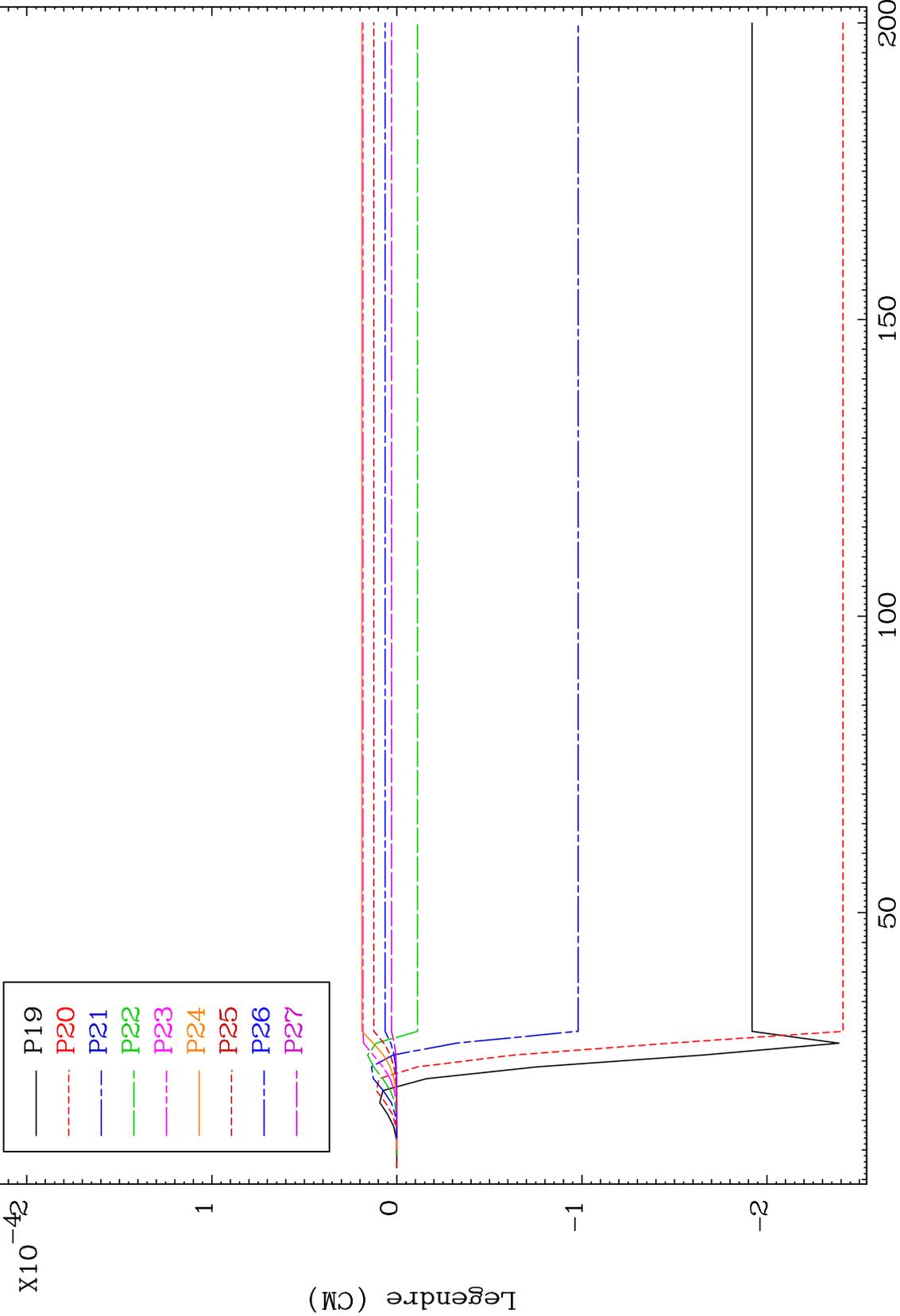
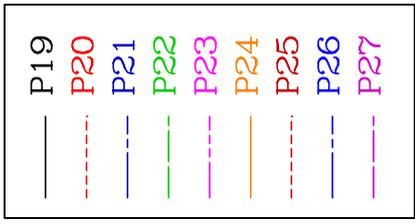
Incident Energy (MeV)

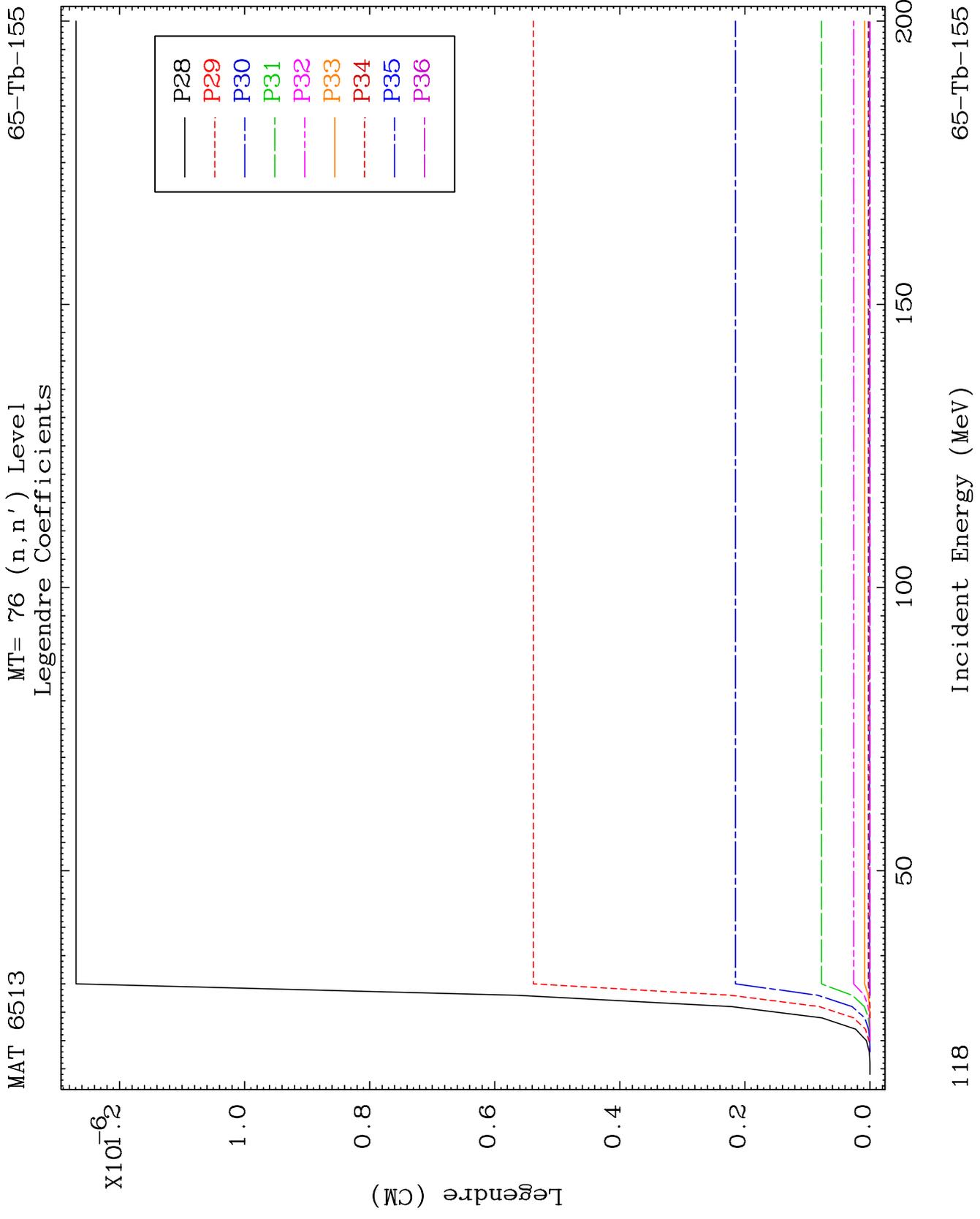
65-Tb-155

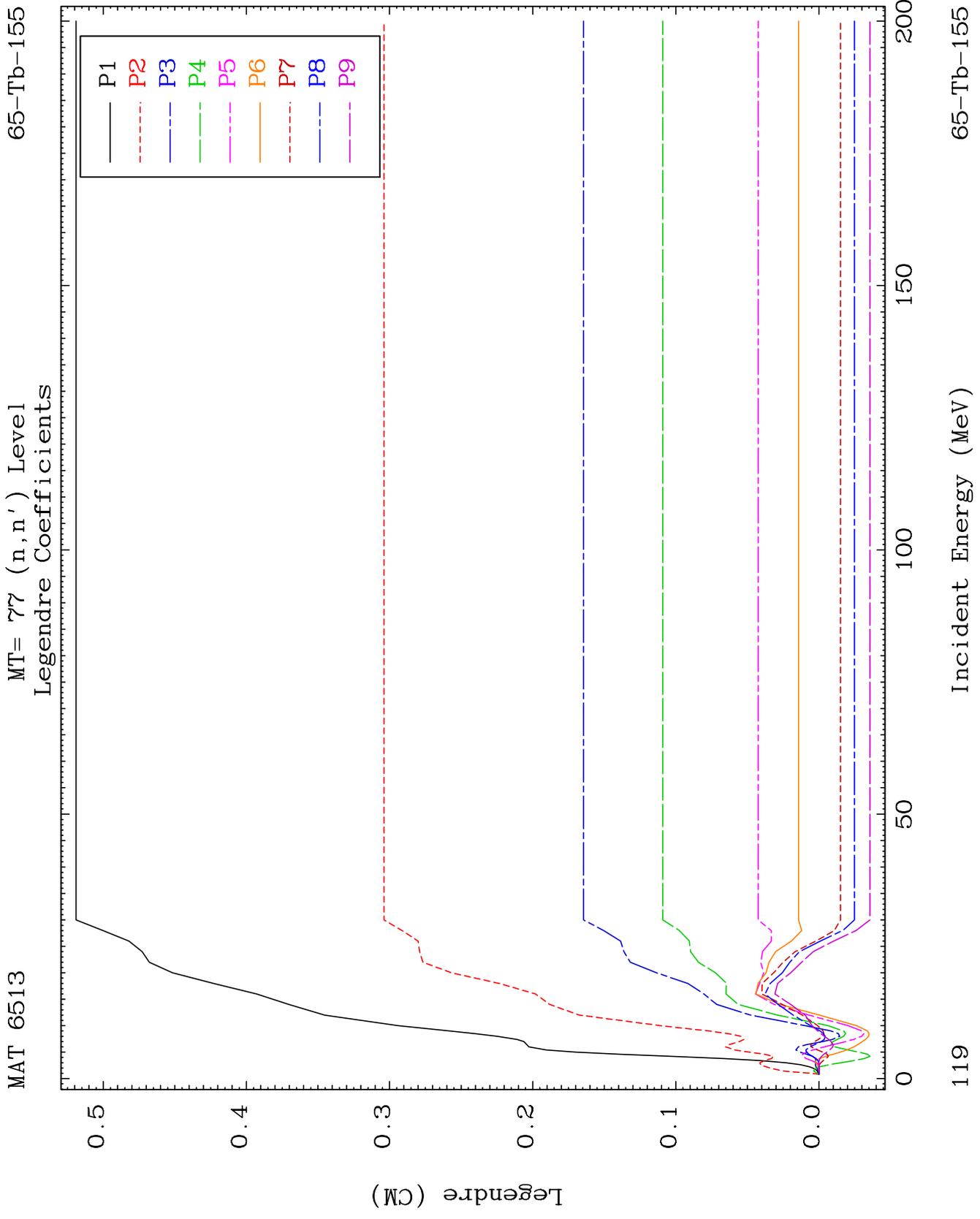
MAT 6513

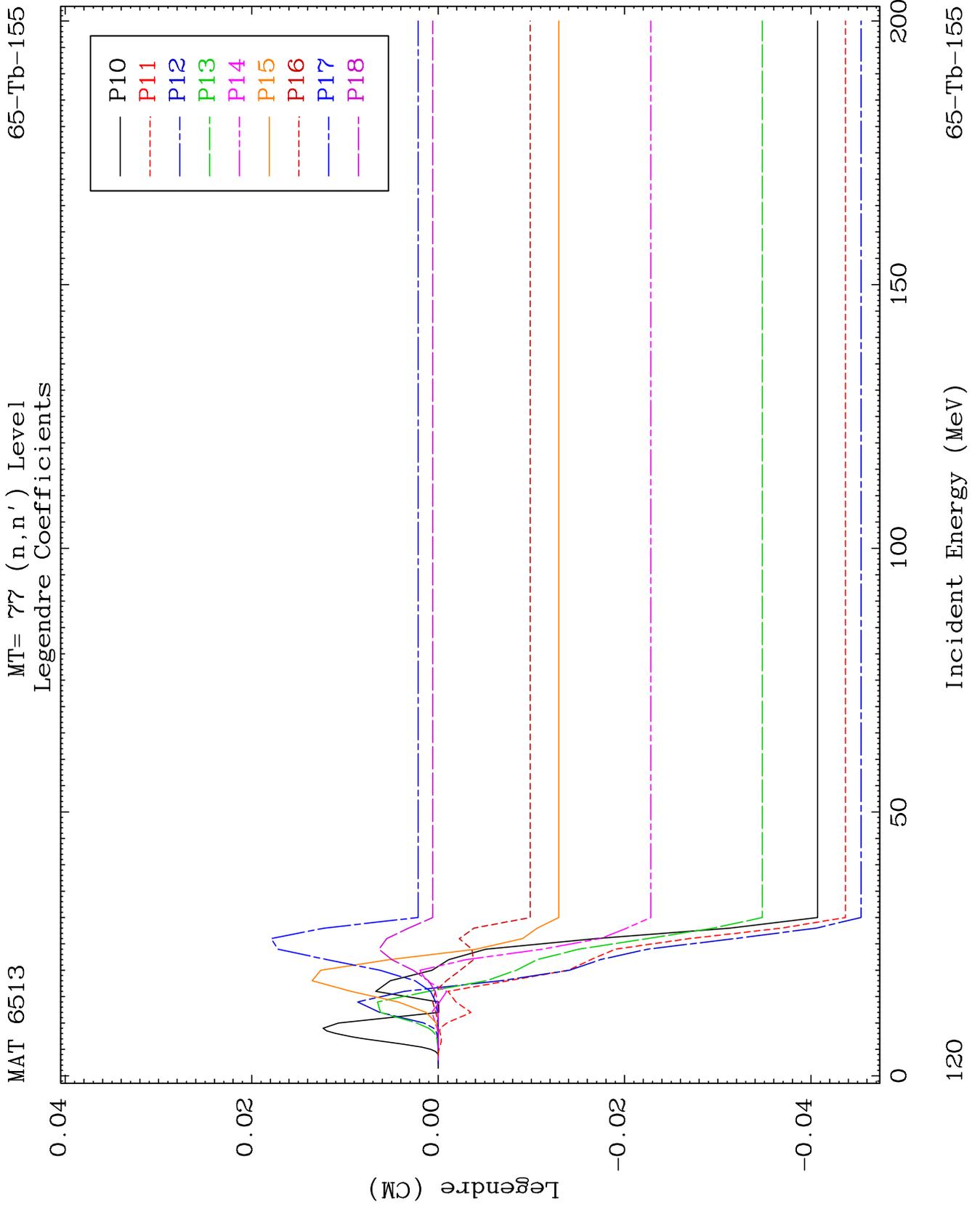
MT= 76 (n,n') Level
Legendre Coefficients

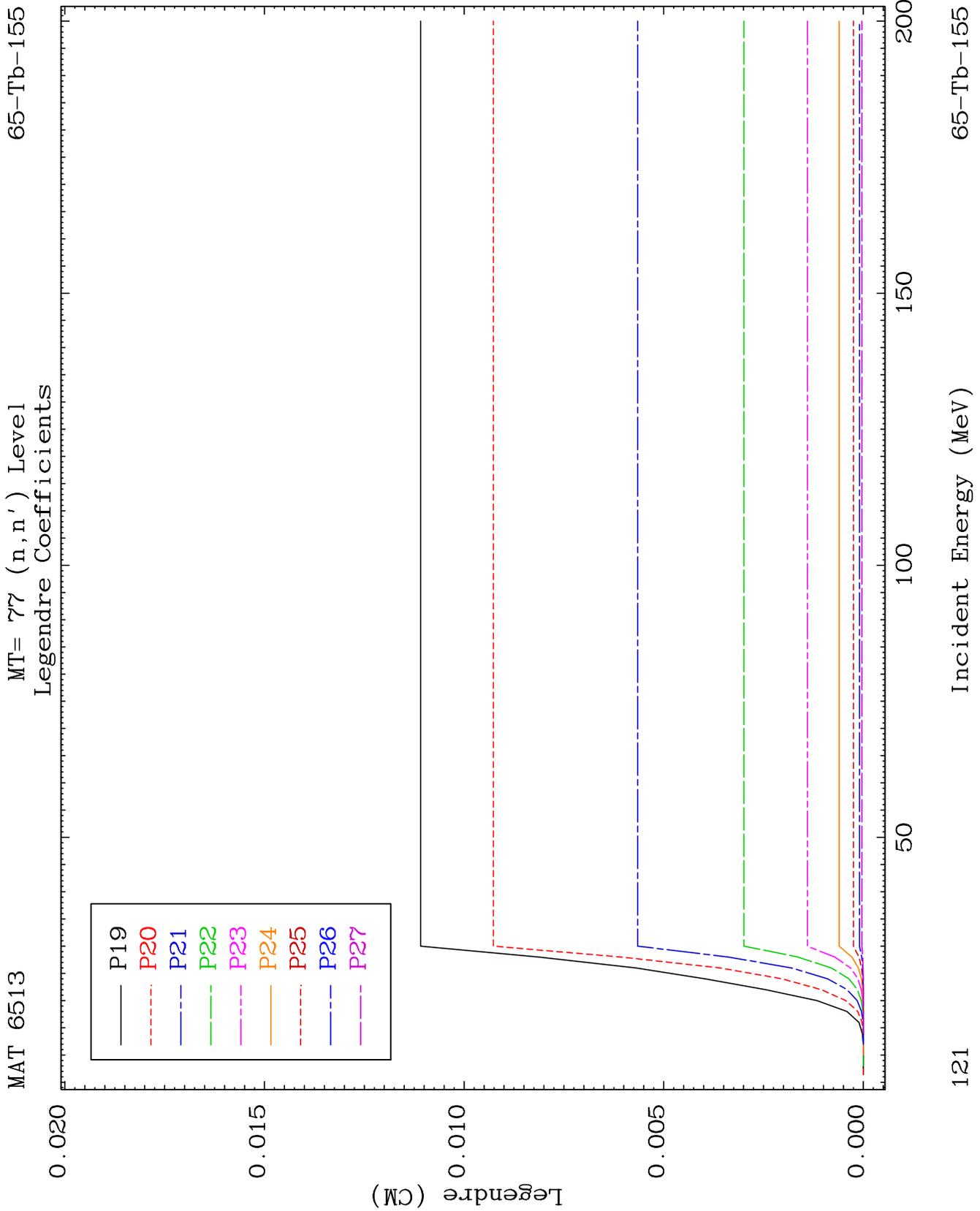
65-Tb-155







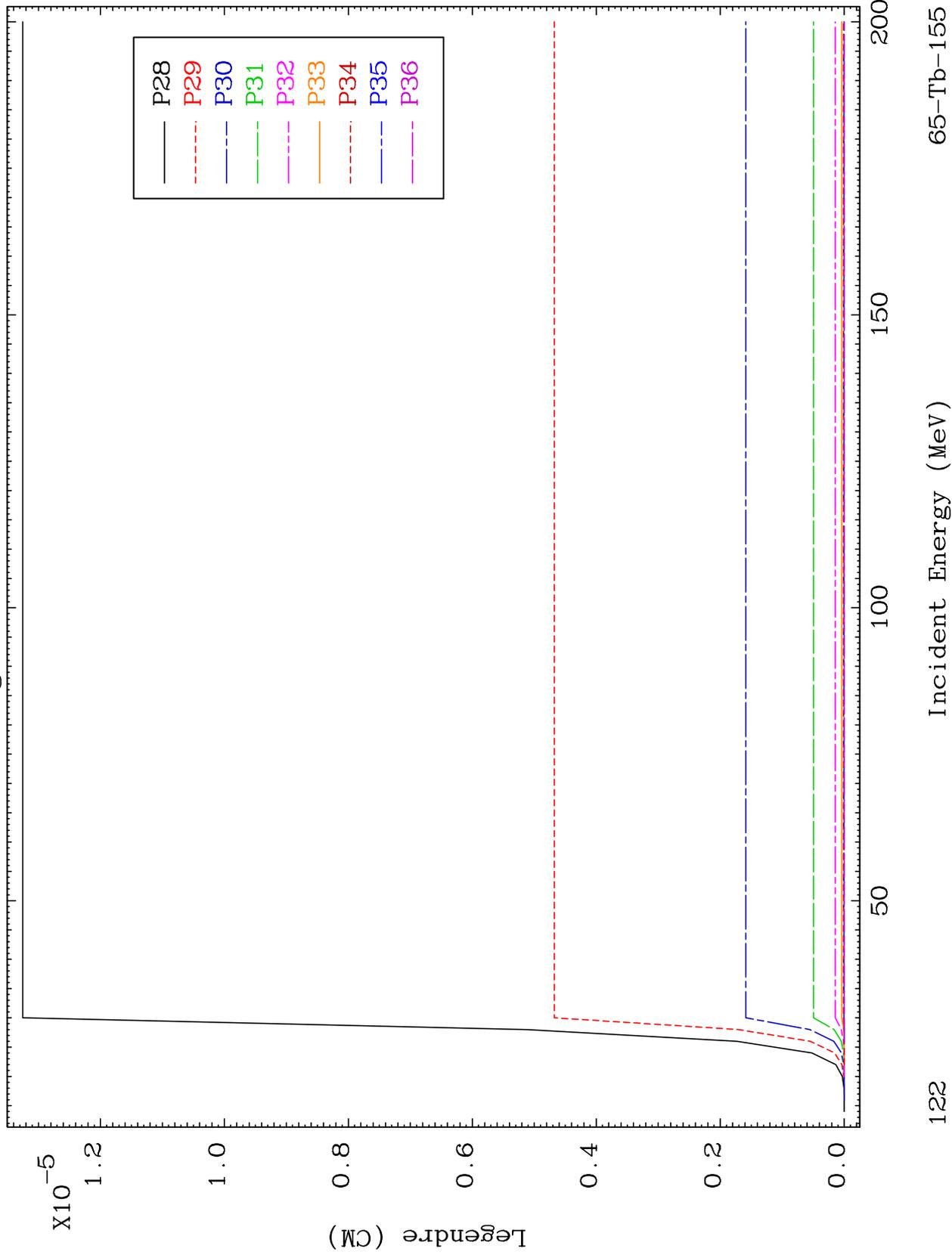




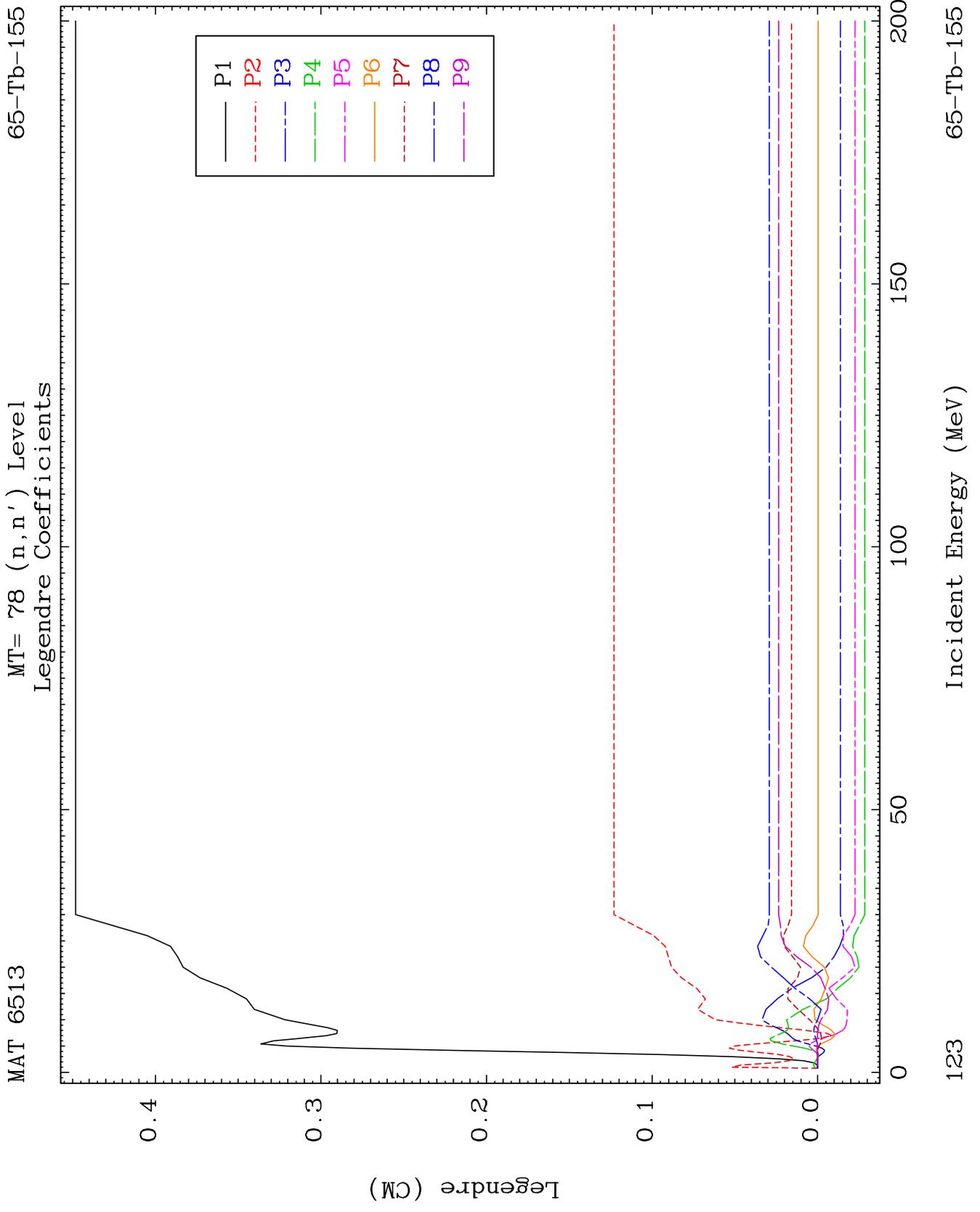
MAT 6513

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

65-Tb-155



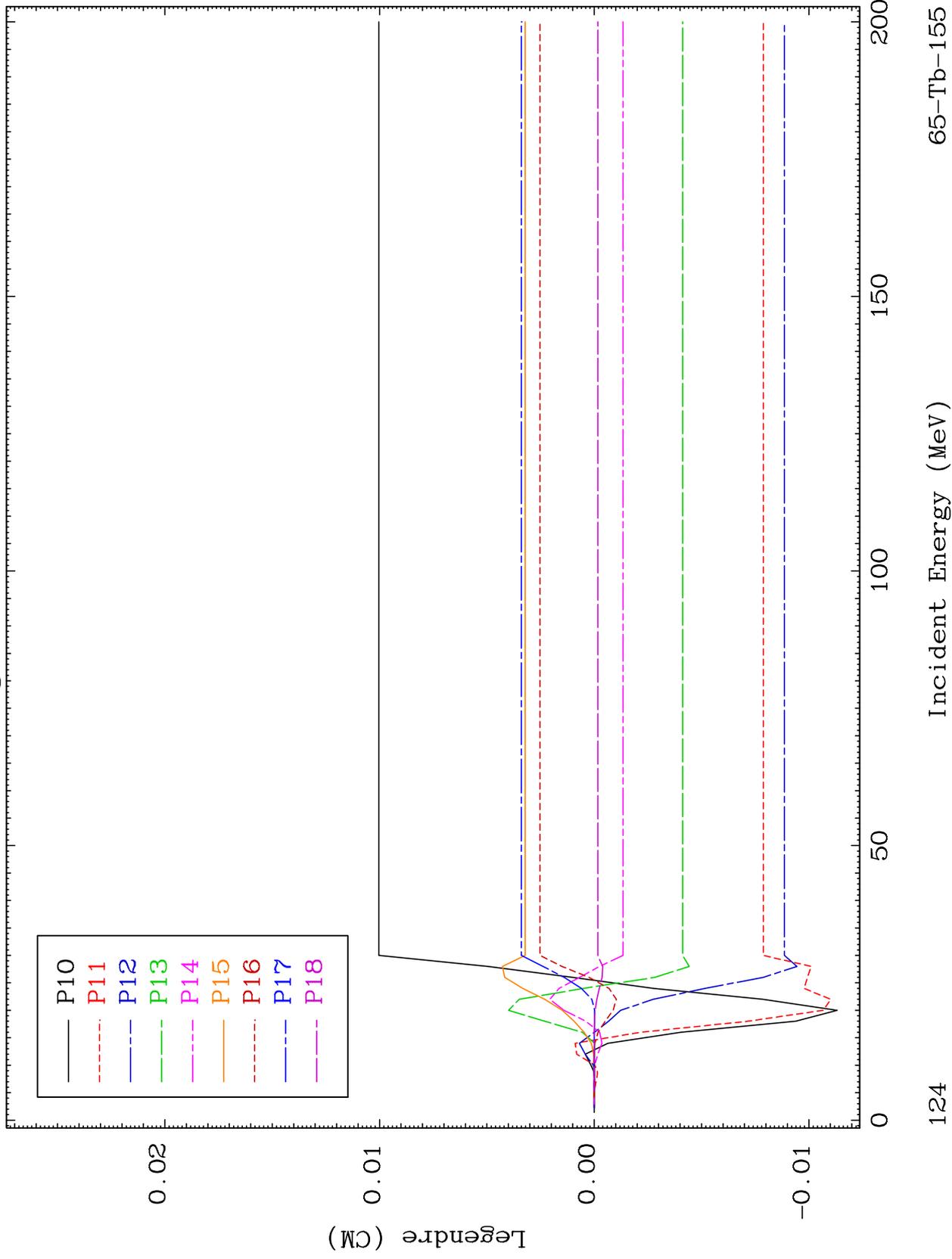
122



MAT 6513

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

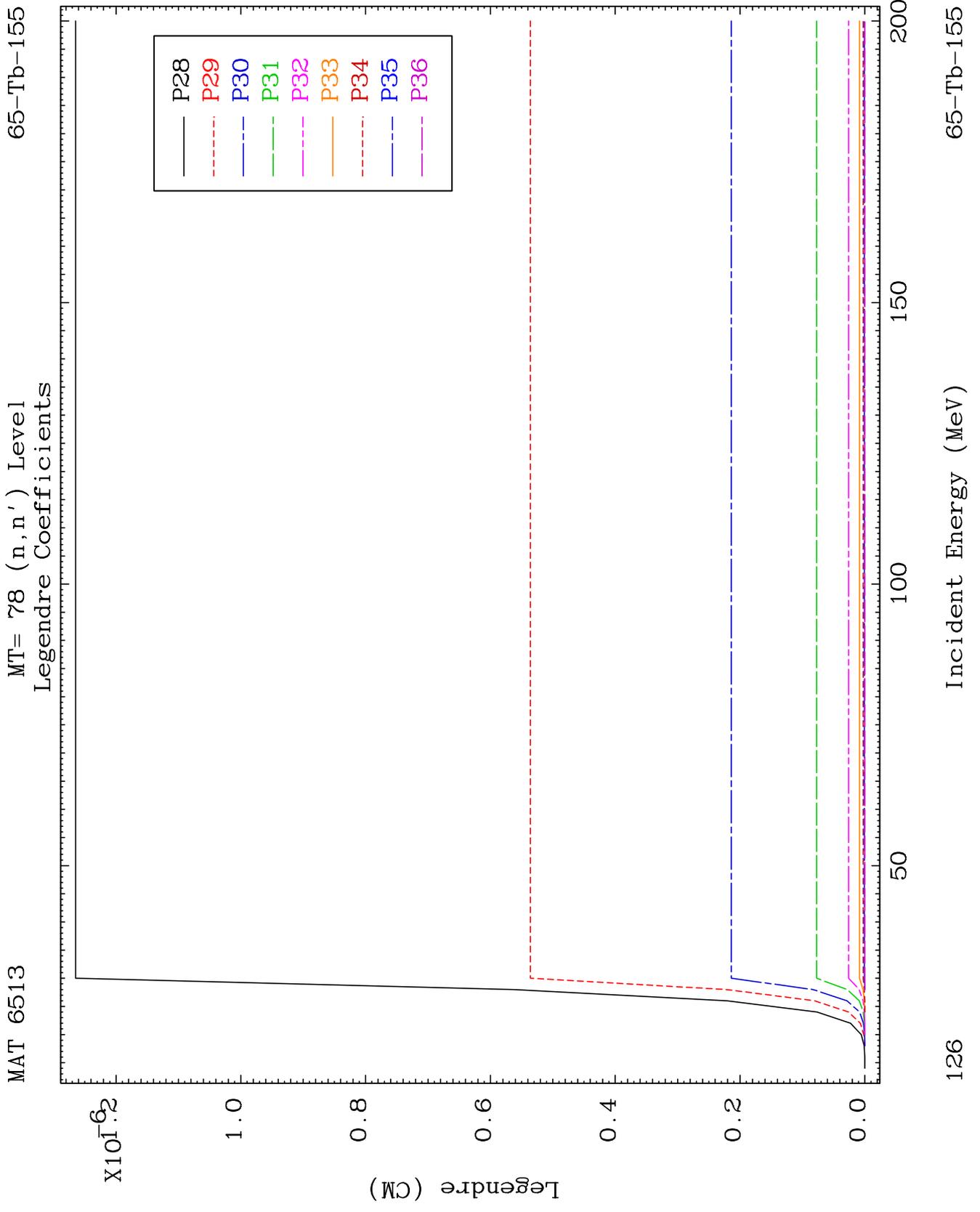
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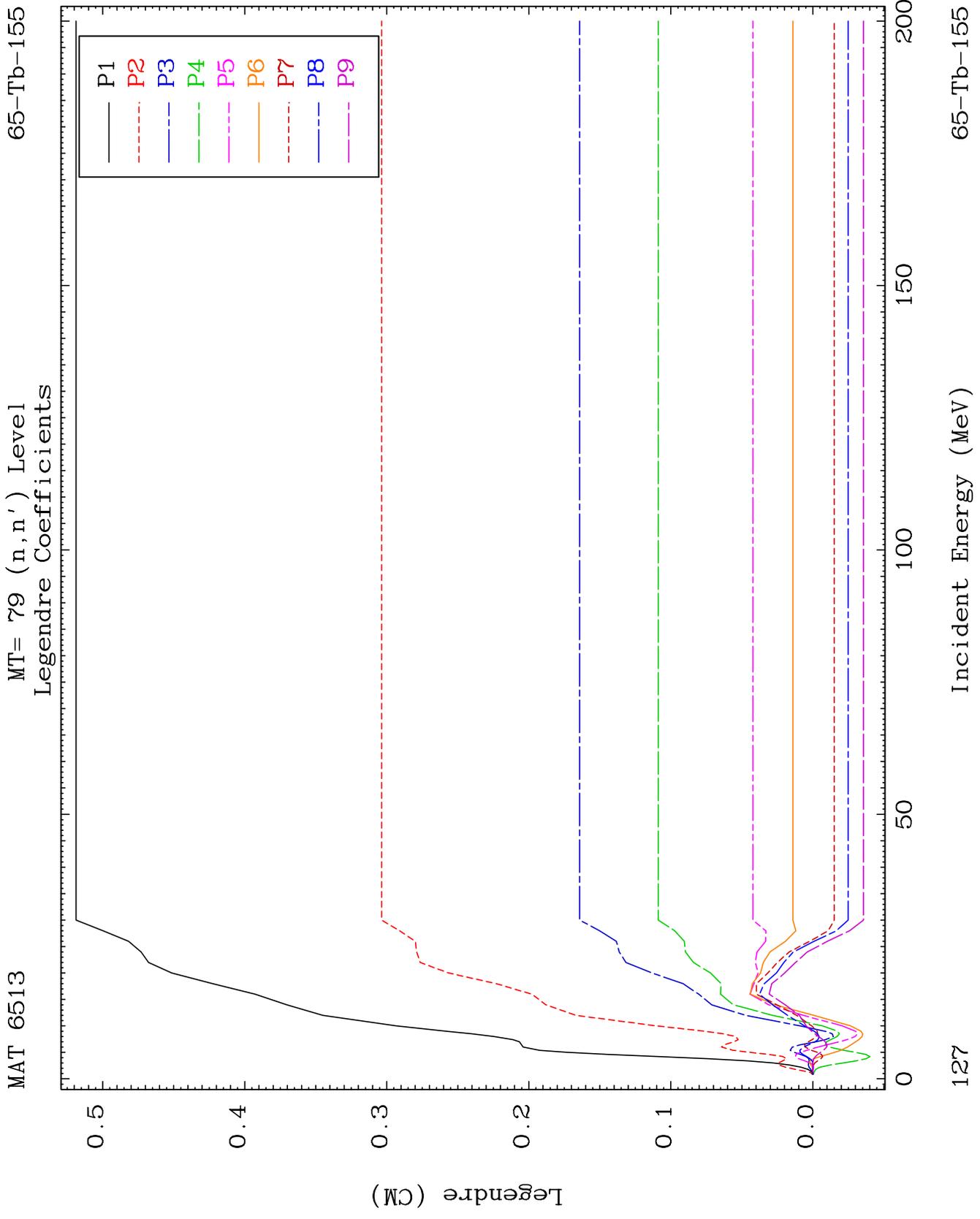


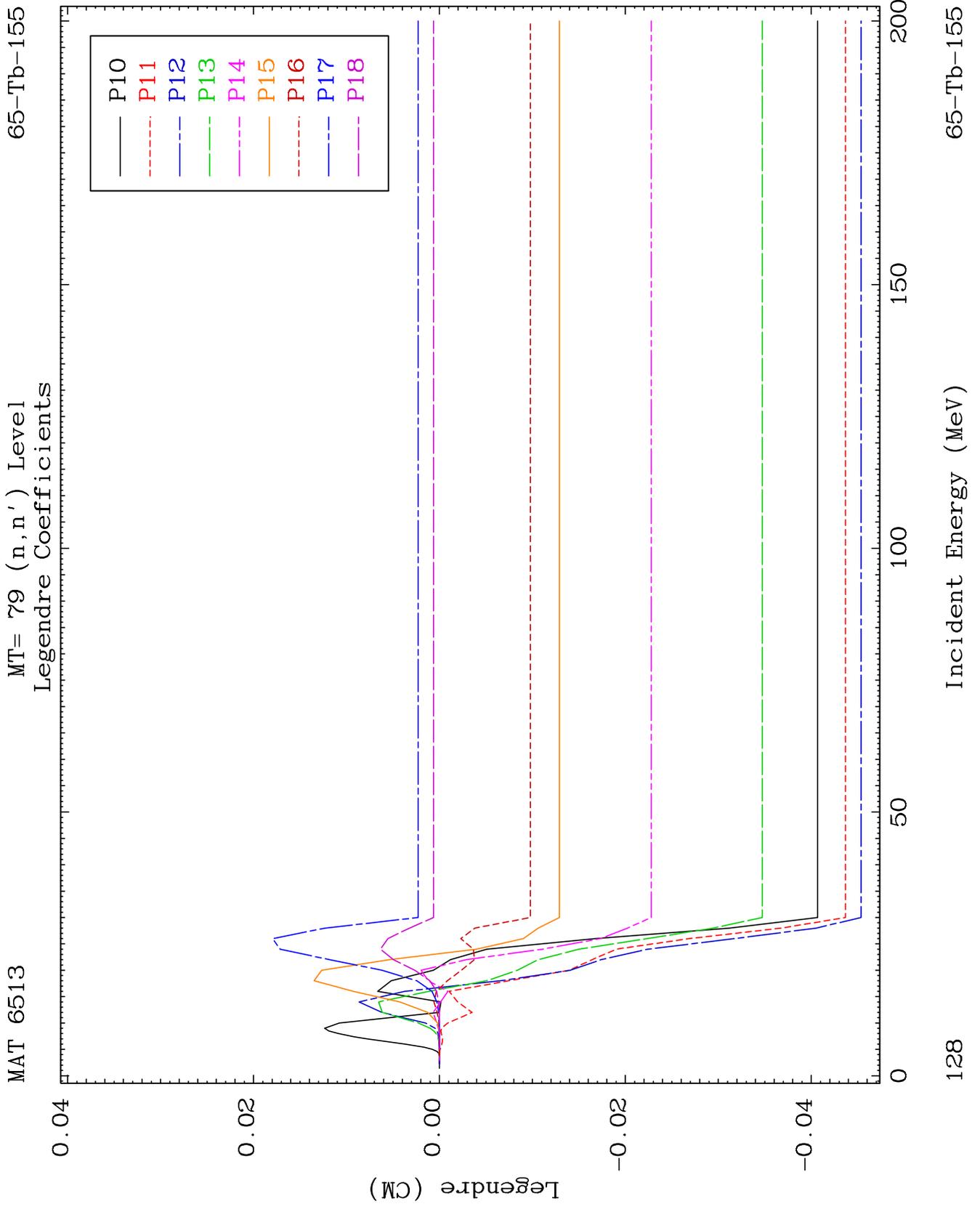
124

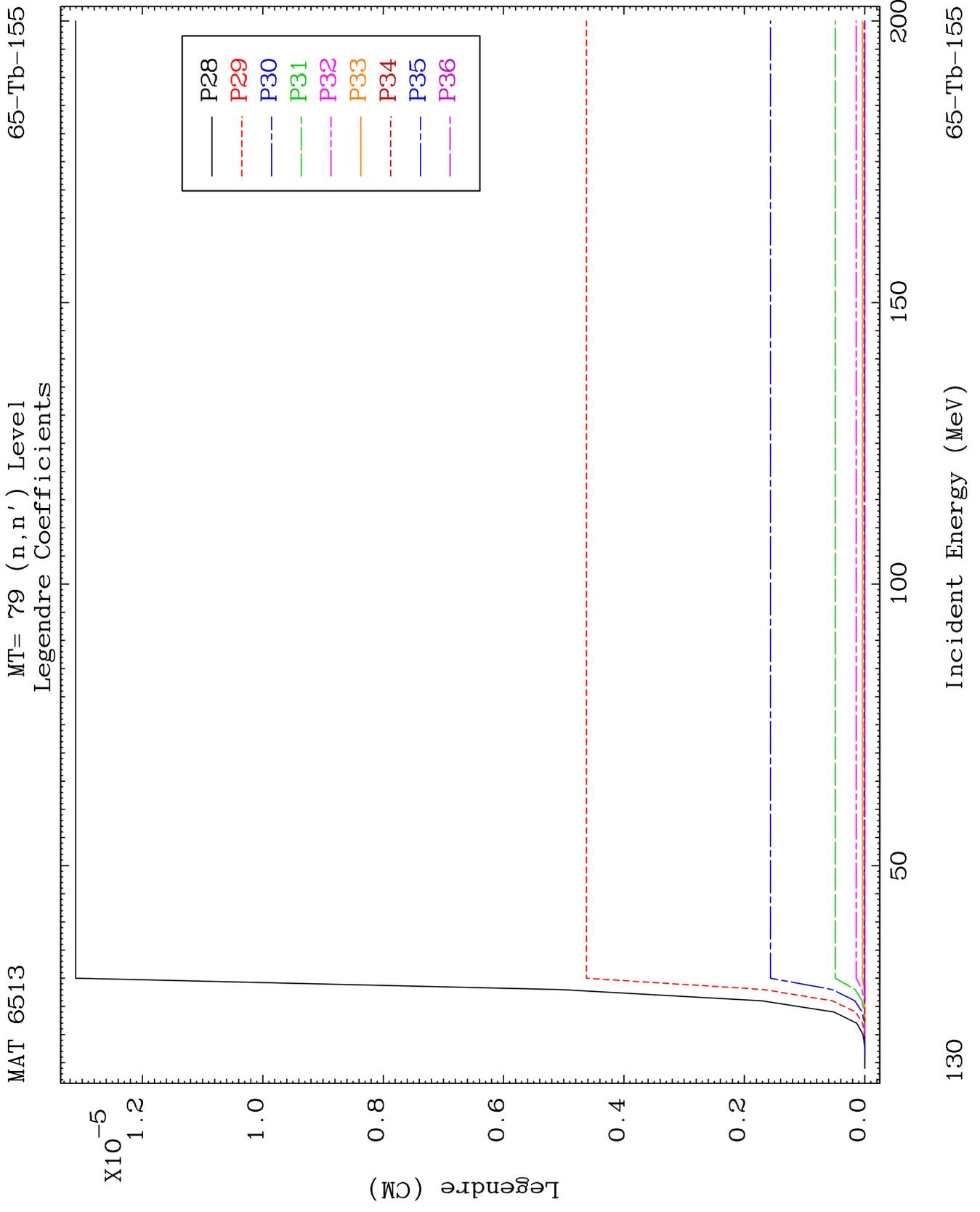
Incident Energy (MeV)

65-Tb-155





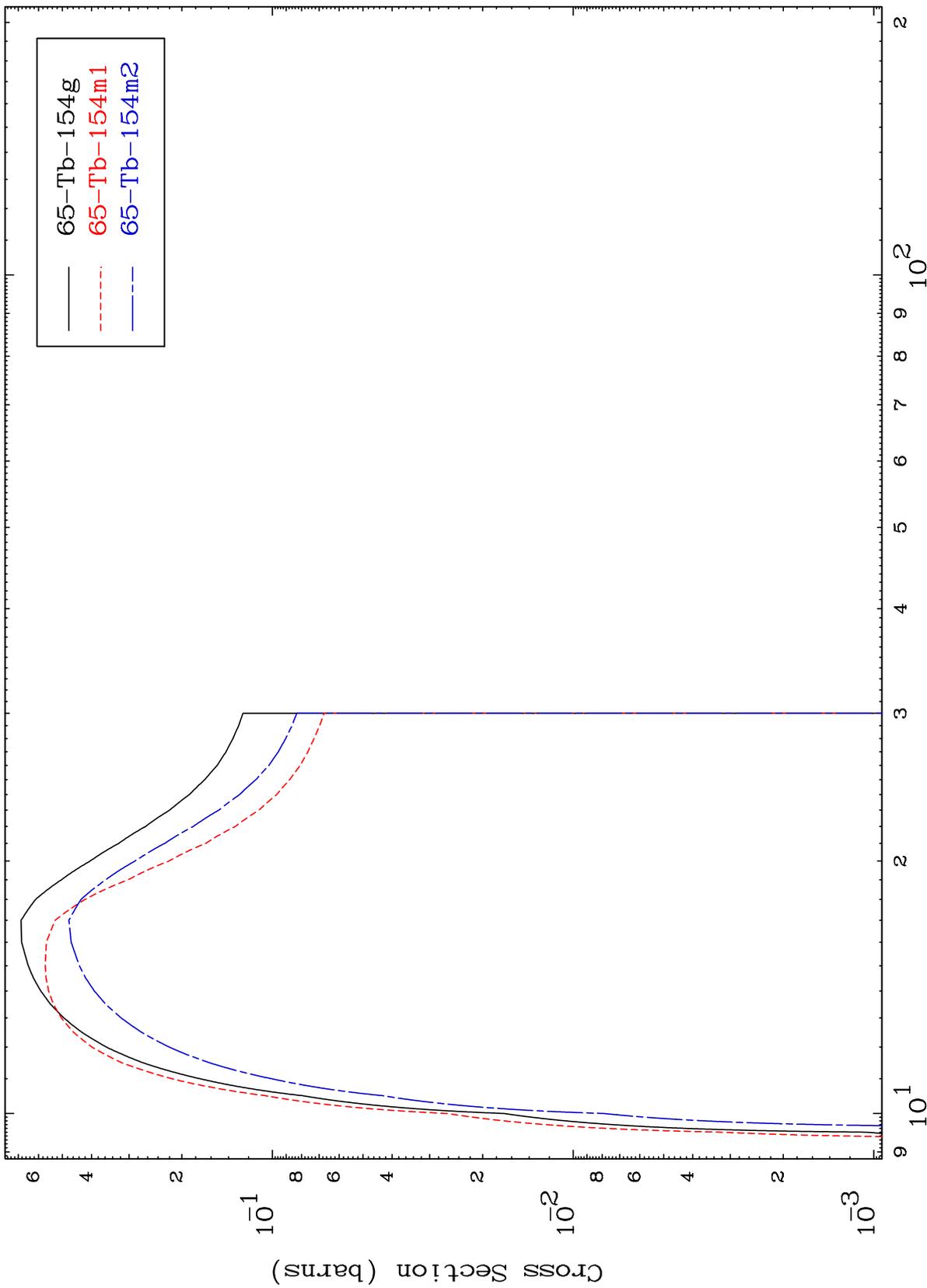




MAT 6513

65-Tb-155

(n,2n)
Radionuclide Production Cross Section



65-Tb-155

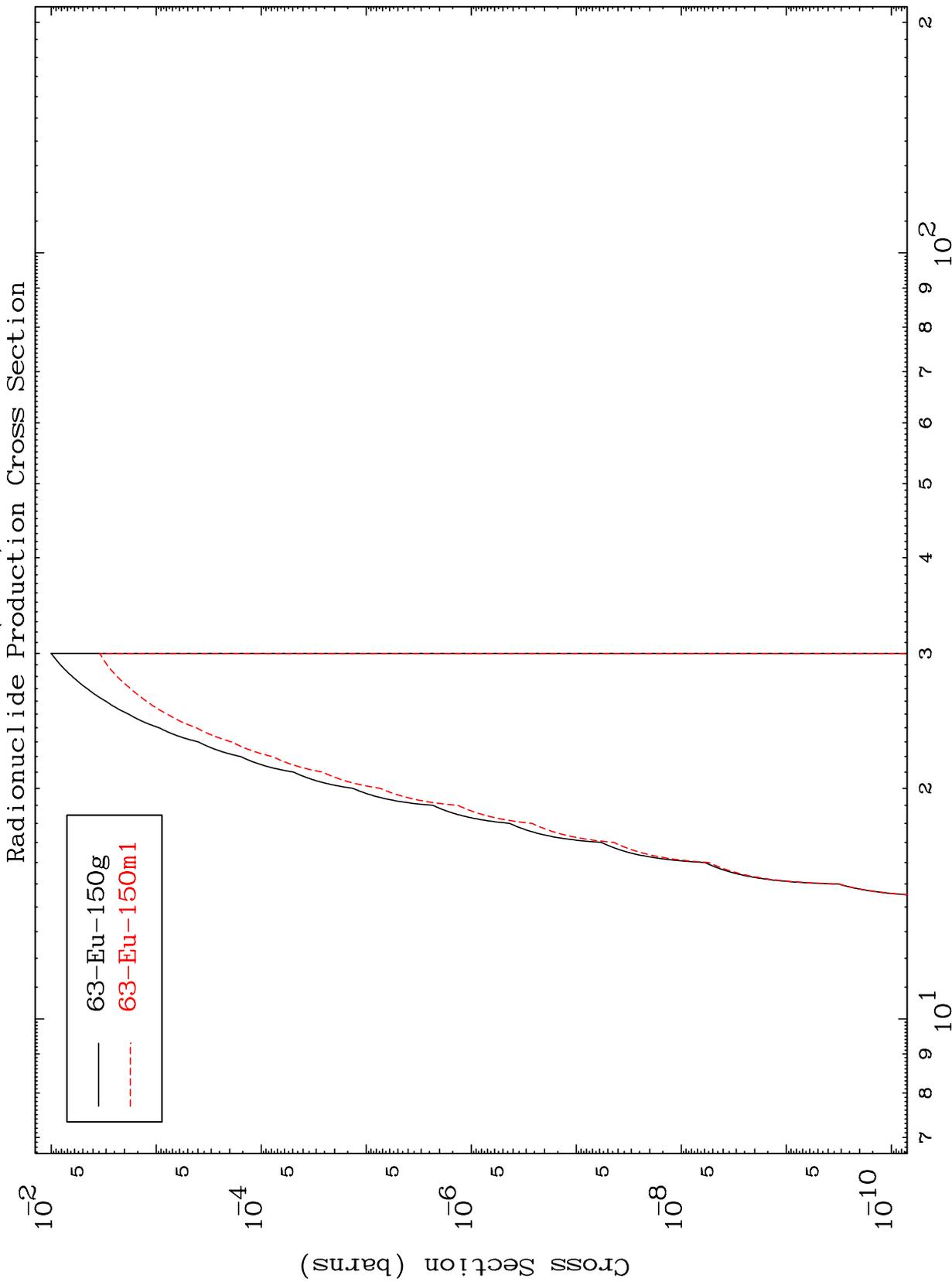
Incident Energy (MeV)

131

MAT 6513

(n,2n) α

65-Tb-155



132

Incident Energy (MeV)

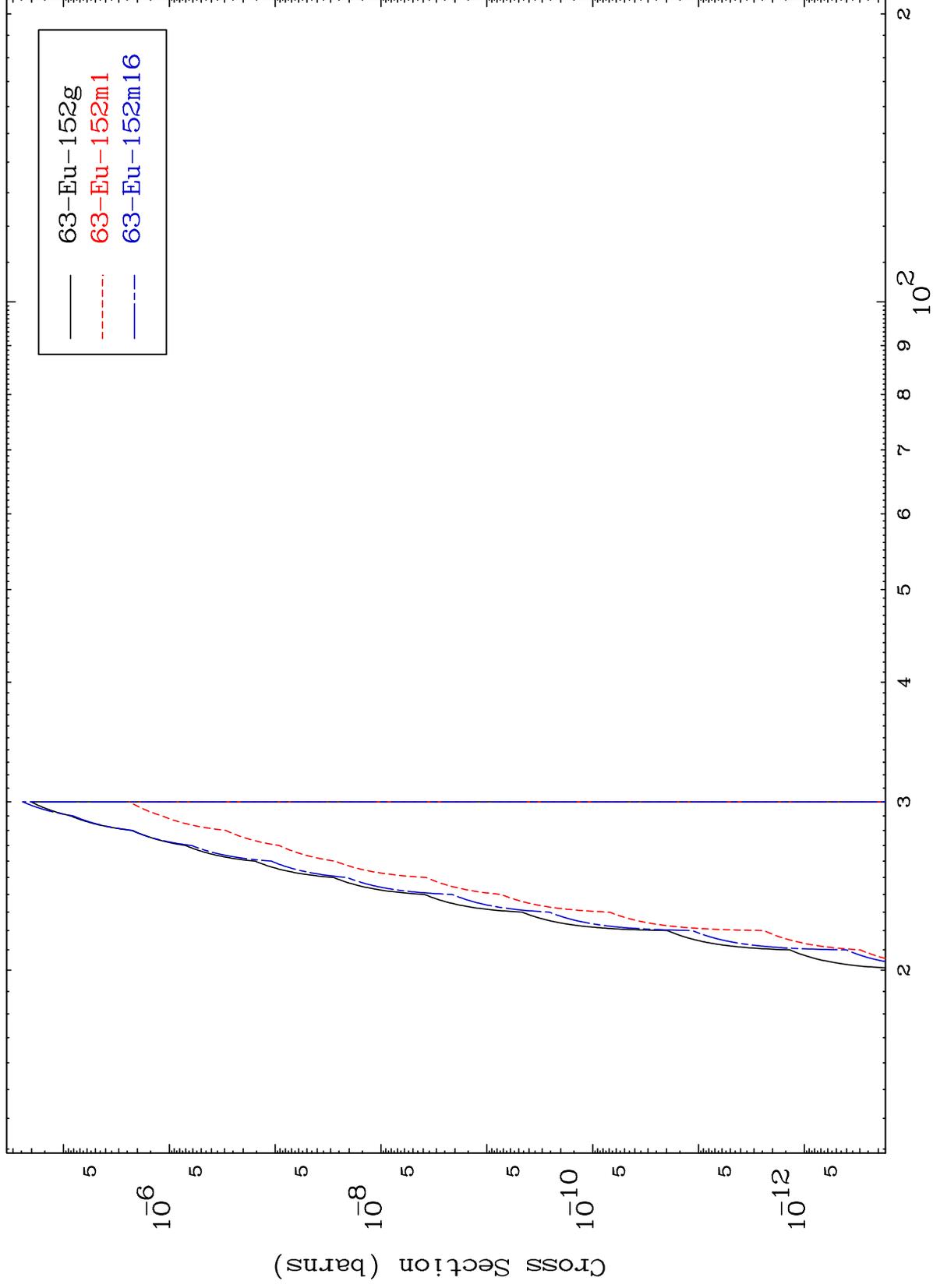
65-Tb-155

MAT 6513

(n,n') He-3

65-Tb-155

Radionuclide Production Cross Section



133

Incident Energy (MeV)

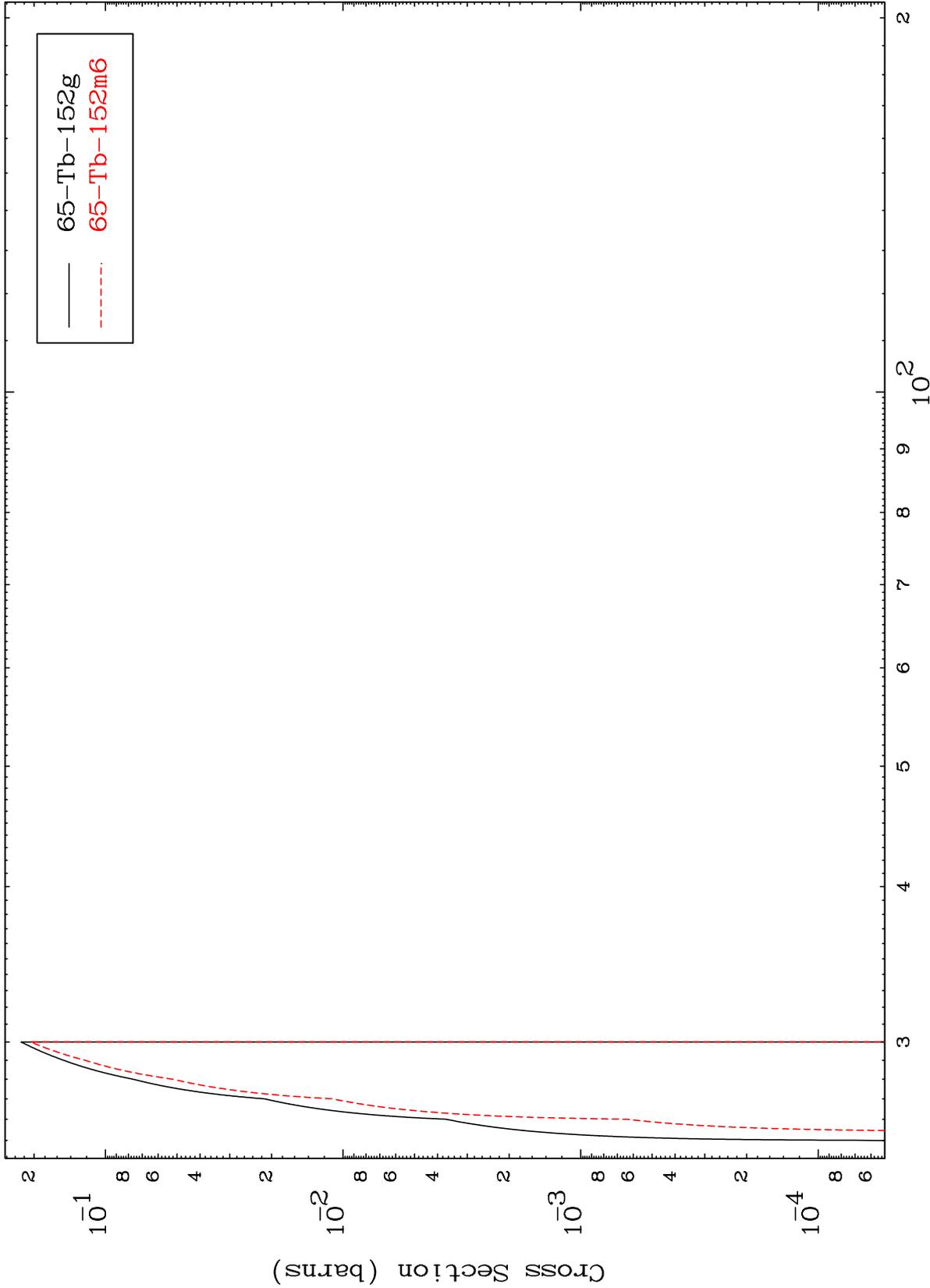
65-Tb-155

MAT 6513

(n,4n)

65-Tb-155

Radionuclide Production Cross Section



65-Tb-152g
65-Tb-152m6

134

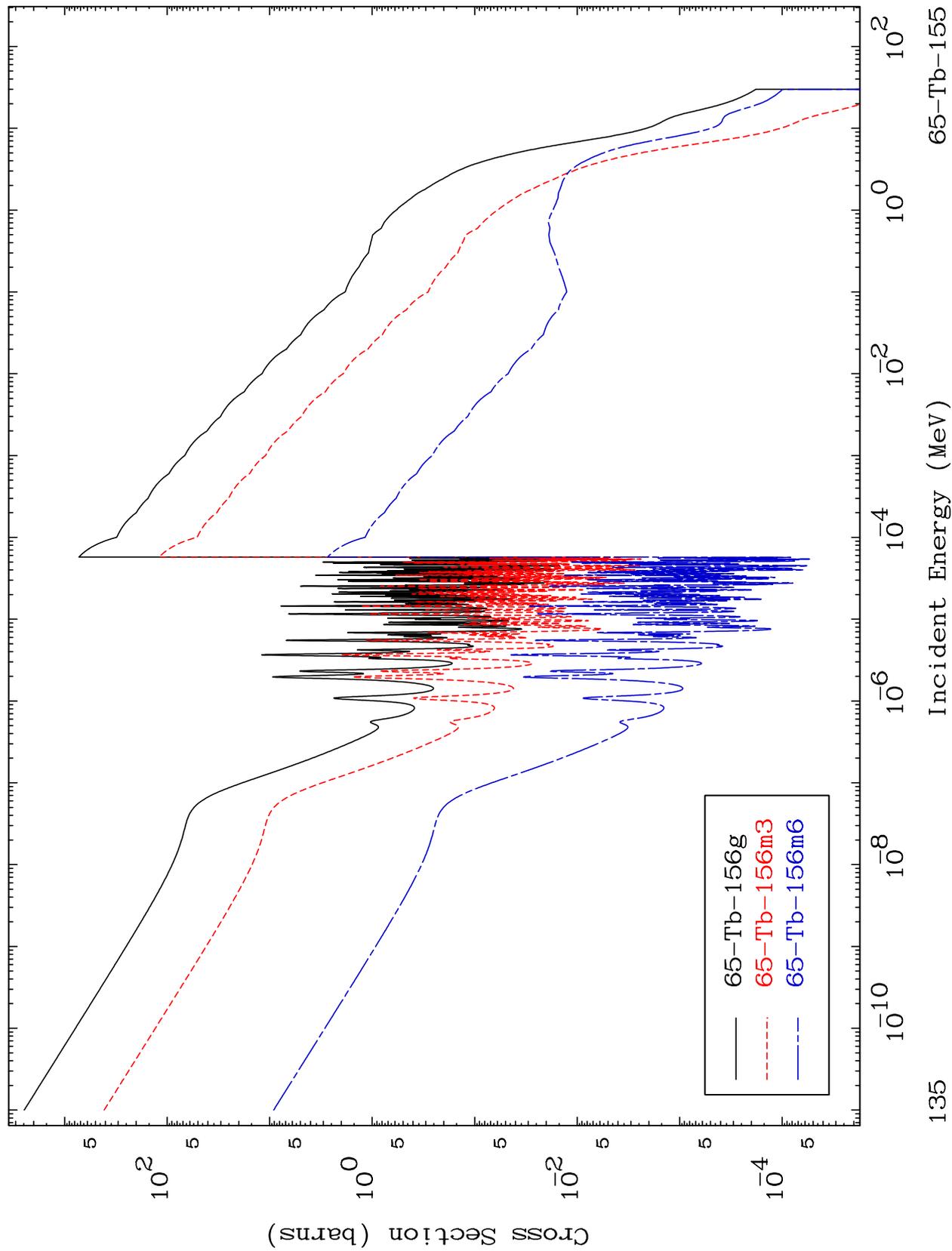
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

Radionuclide Production Cross Section
(n,γ)



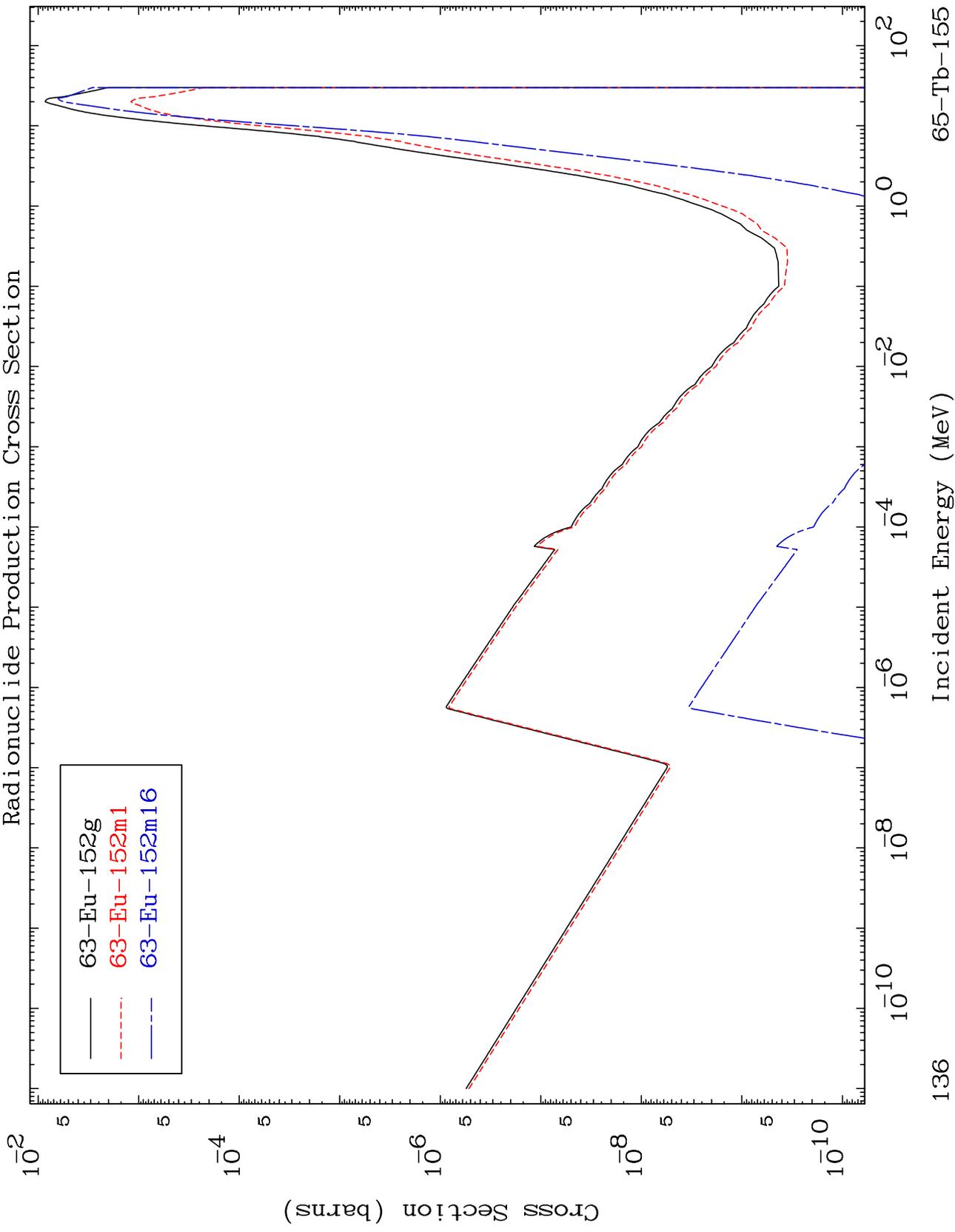
135

MAT 6513

(n, α)

65-Tb-155

Radionuclide Production Cross Section



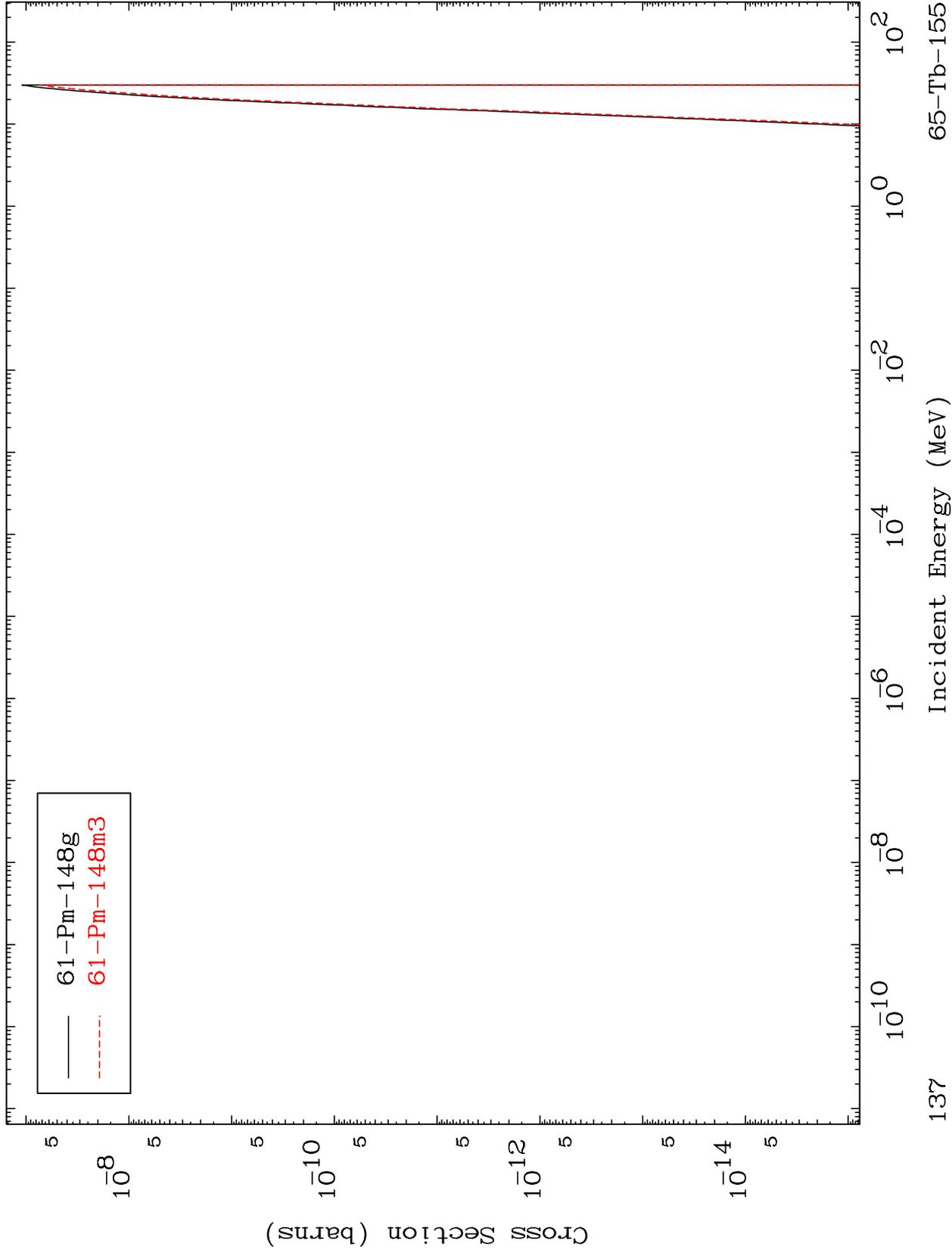
136

MAT 6513

(n,2α)

65-Tb-155

Radionuclide Production Cross Section

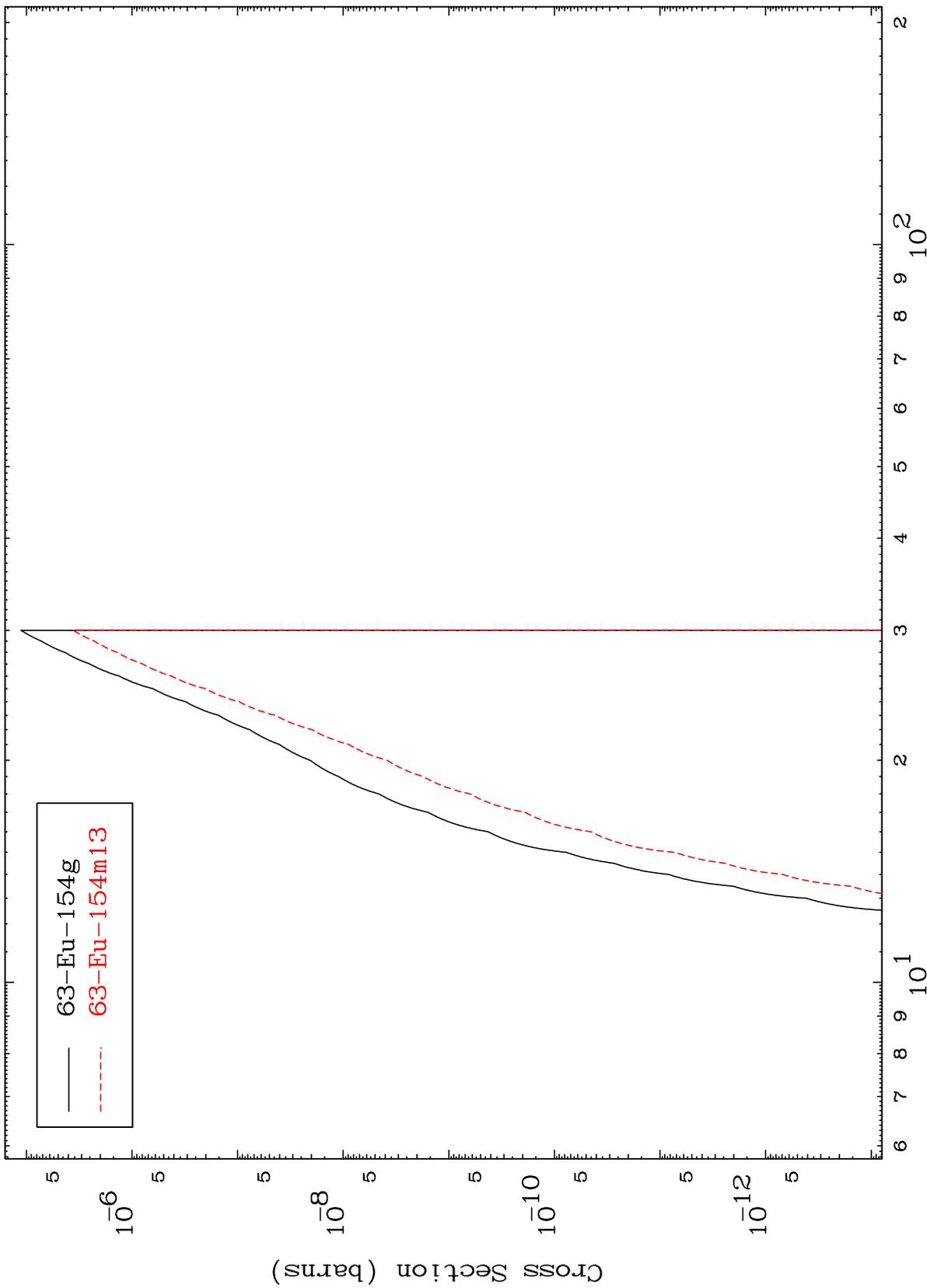


137

MAT 6513

65-Tb-155

(n,2p)
Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m13

138

Incident Energy (MeV)

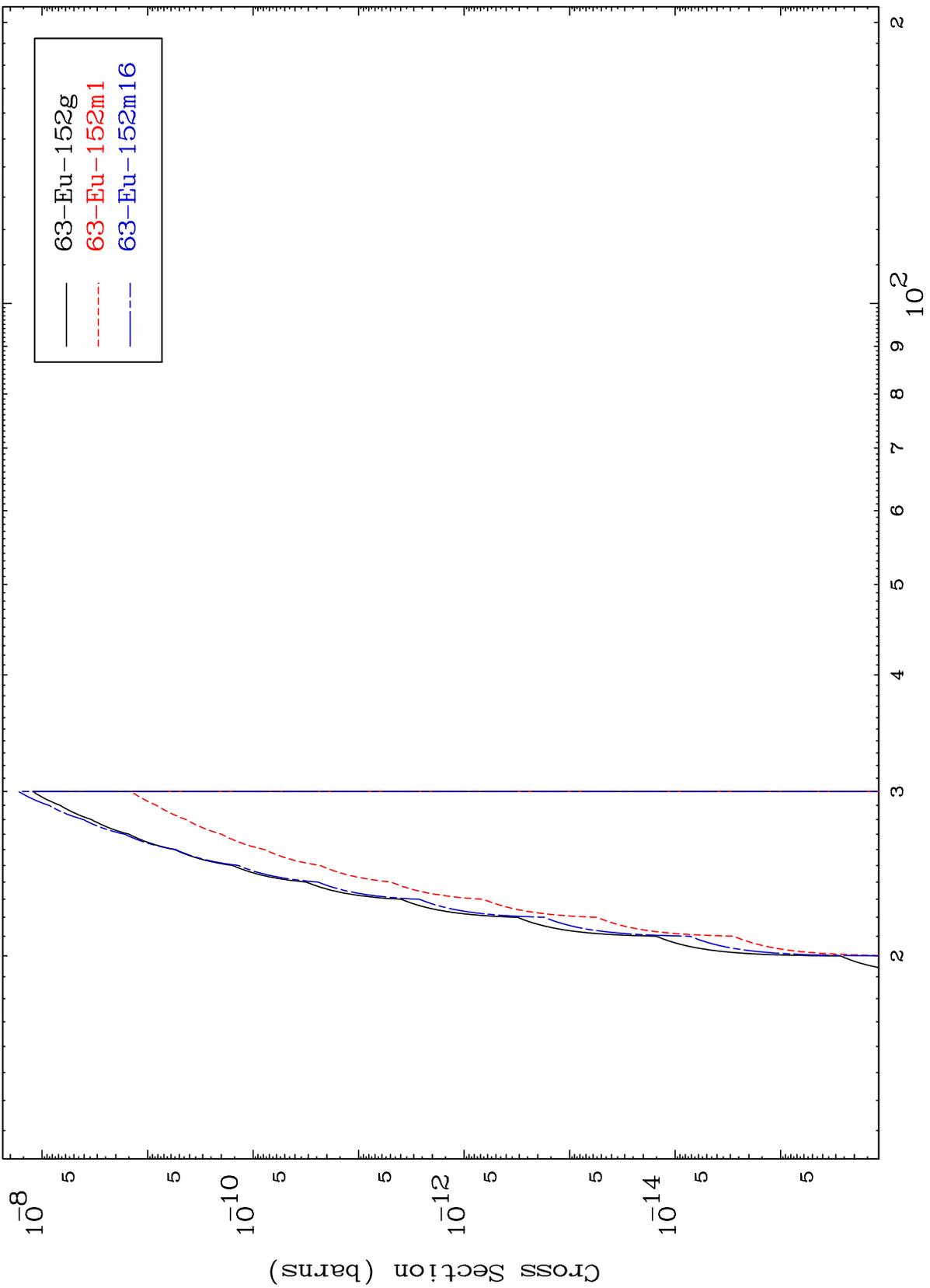
65-Tb-155

MAT 6513

(n,p) t

65-Tb-155

Radionuclide Production Cross Section



139

Incident Energy (MeV)

65-Tb-155