

Program EVALPLOT
(Version 2015-2)

by

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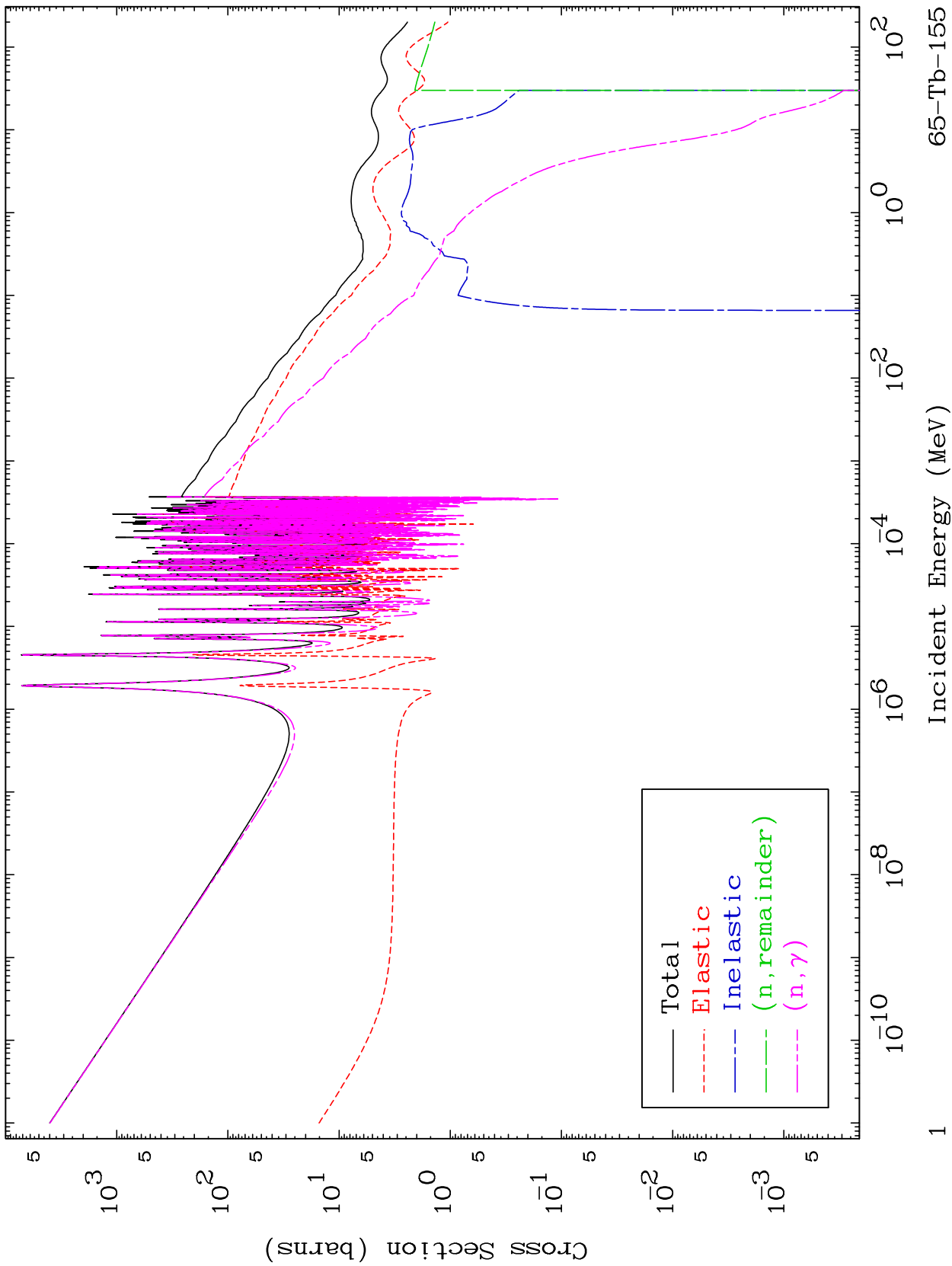
Press Mouse Button to Start

MAT 6513

Major

293 Kelvin Cross Sections

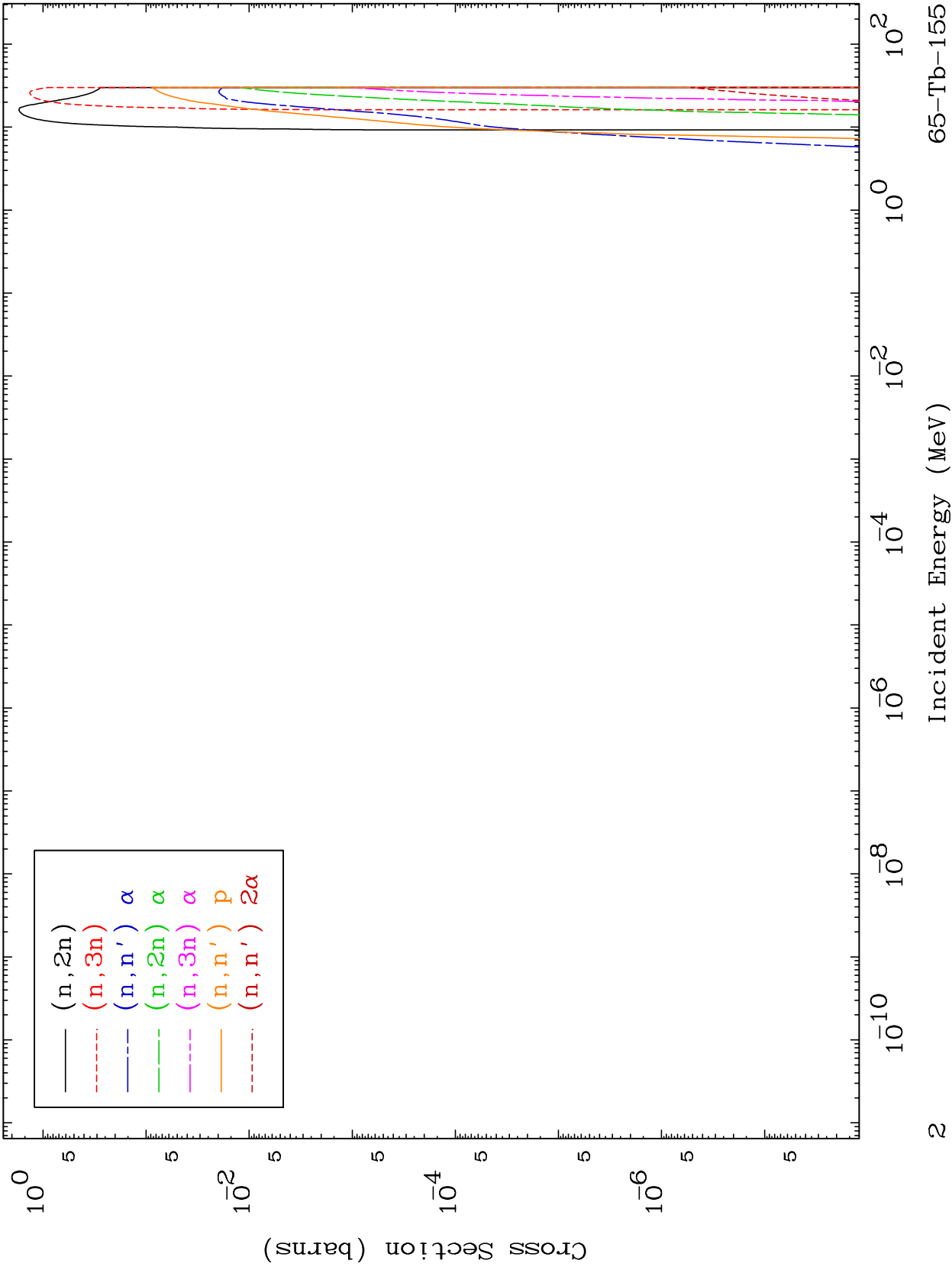
65-Tb-155



MAT 6513

Neutron Production
293 Kelvin Cross Sections

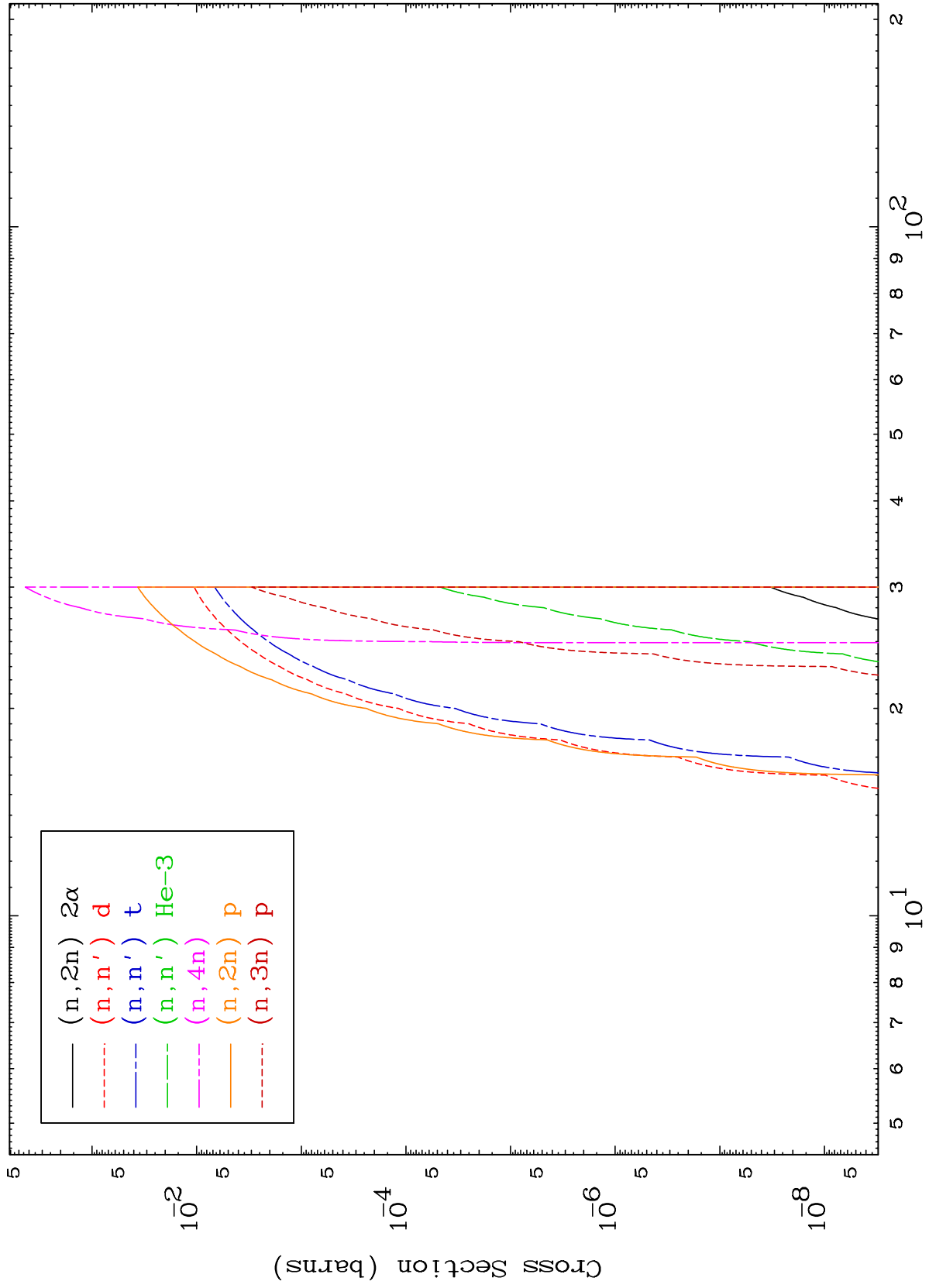
65-Tb-155



MAT 6513

Neutron Production
293 Kelvin Cross Sections

65-Tb-155



3

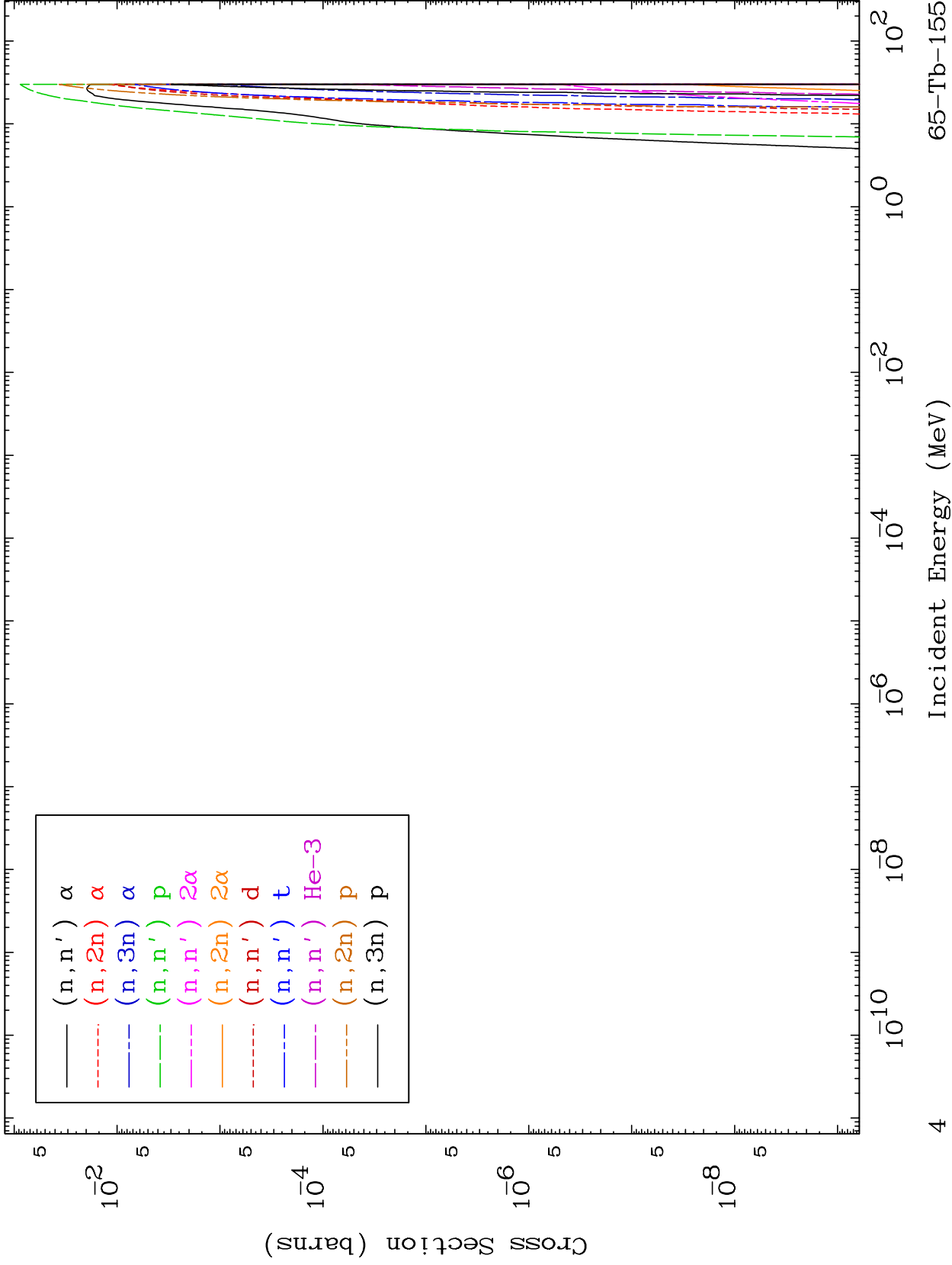
Incident Energy (MeV)

65-Tb-155

MAT 6513

Charged Particle
293 Kelvin Cross Sections

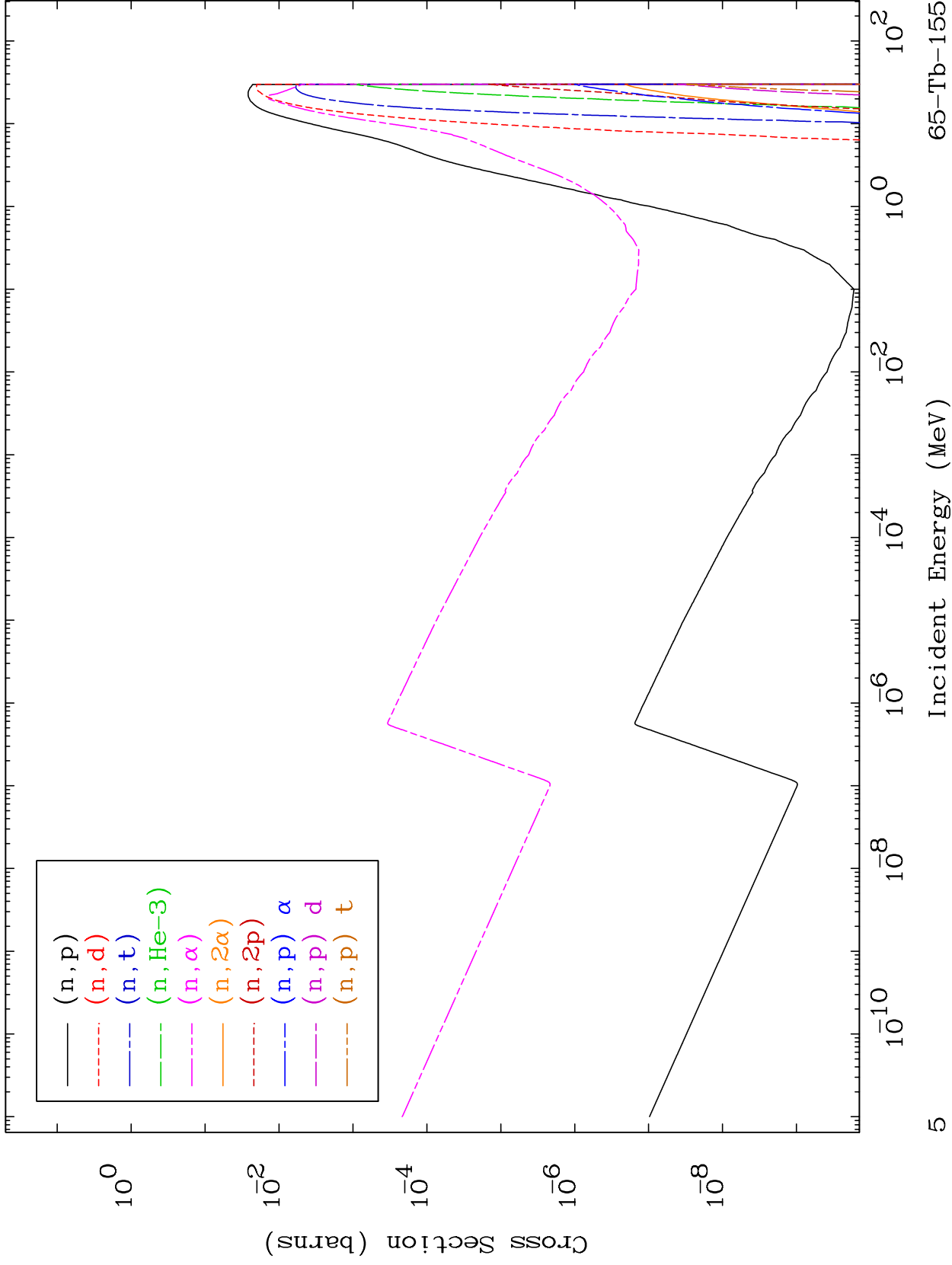
65-Tb-155

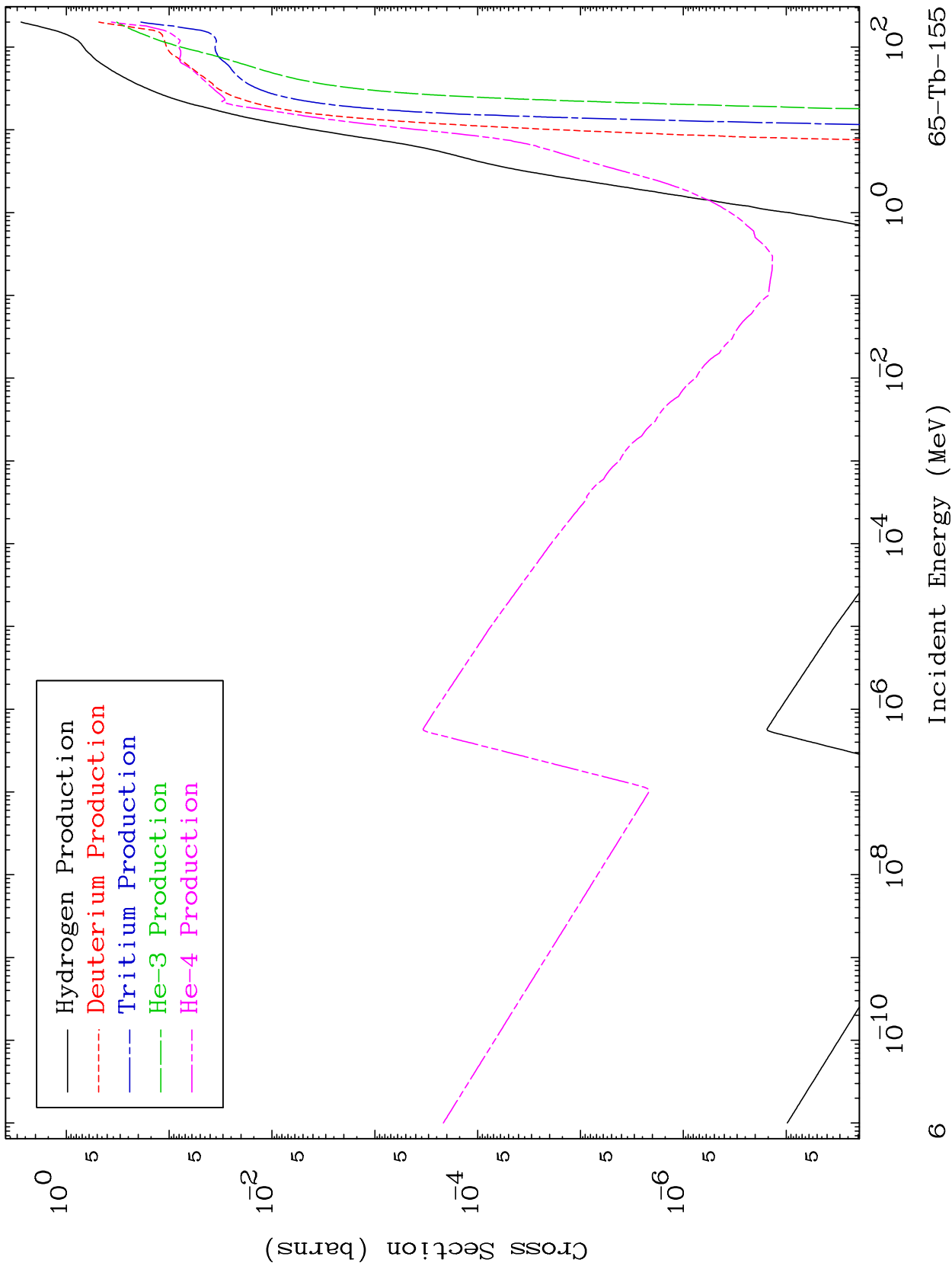


MAT 6513

Charged Particle
293 Kelvin Cross Sections

65-Tb-155



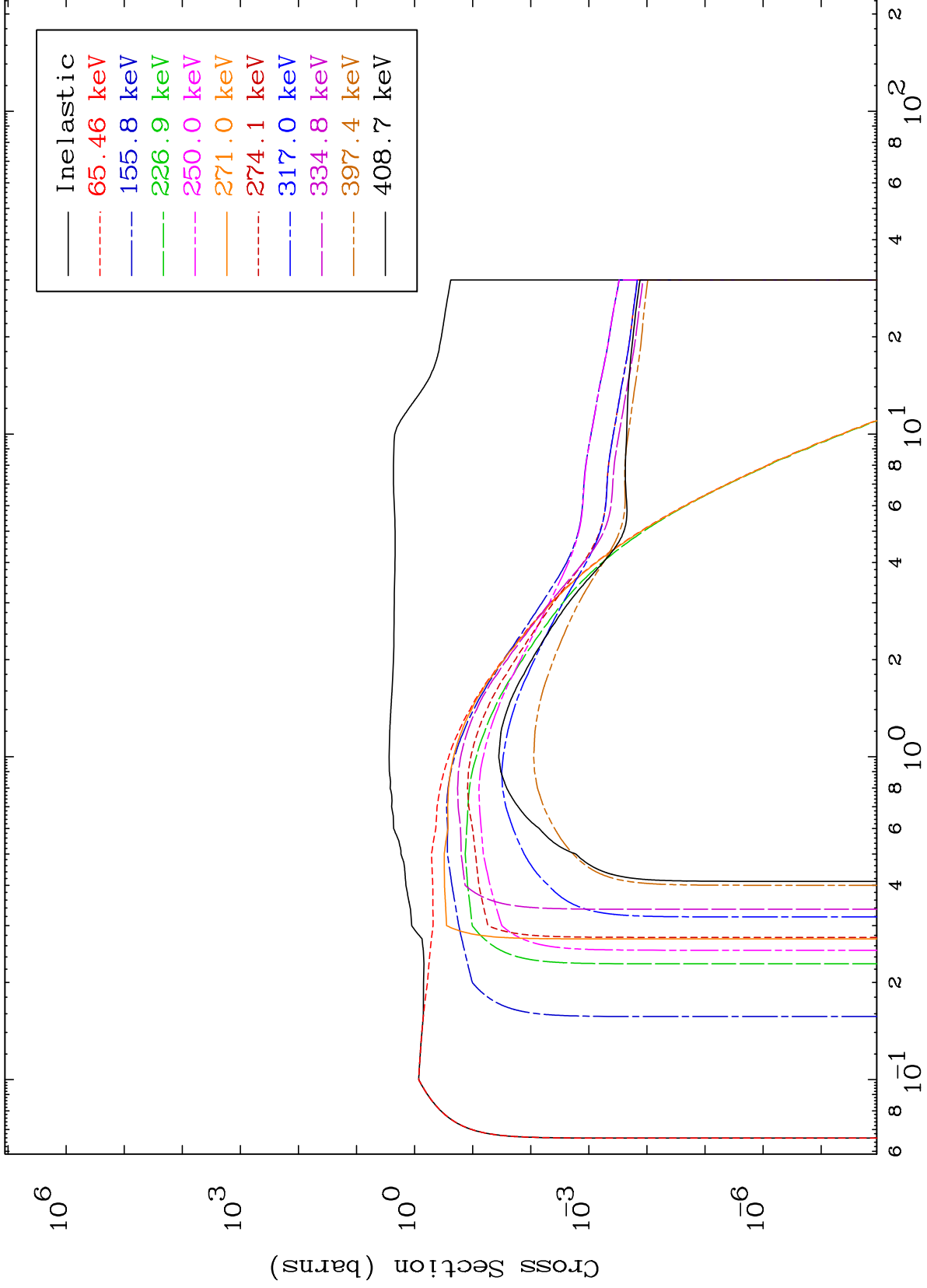


MAT 6513

(n,n') Level

65-Tb-155

293 Kelvin Cross Sections



7

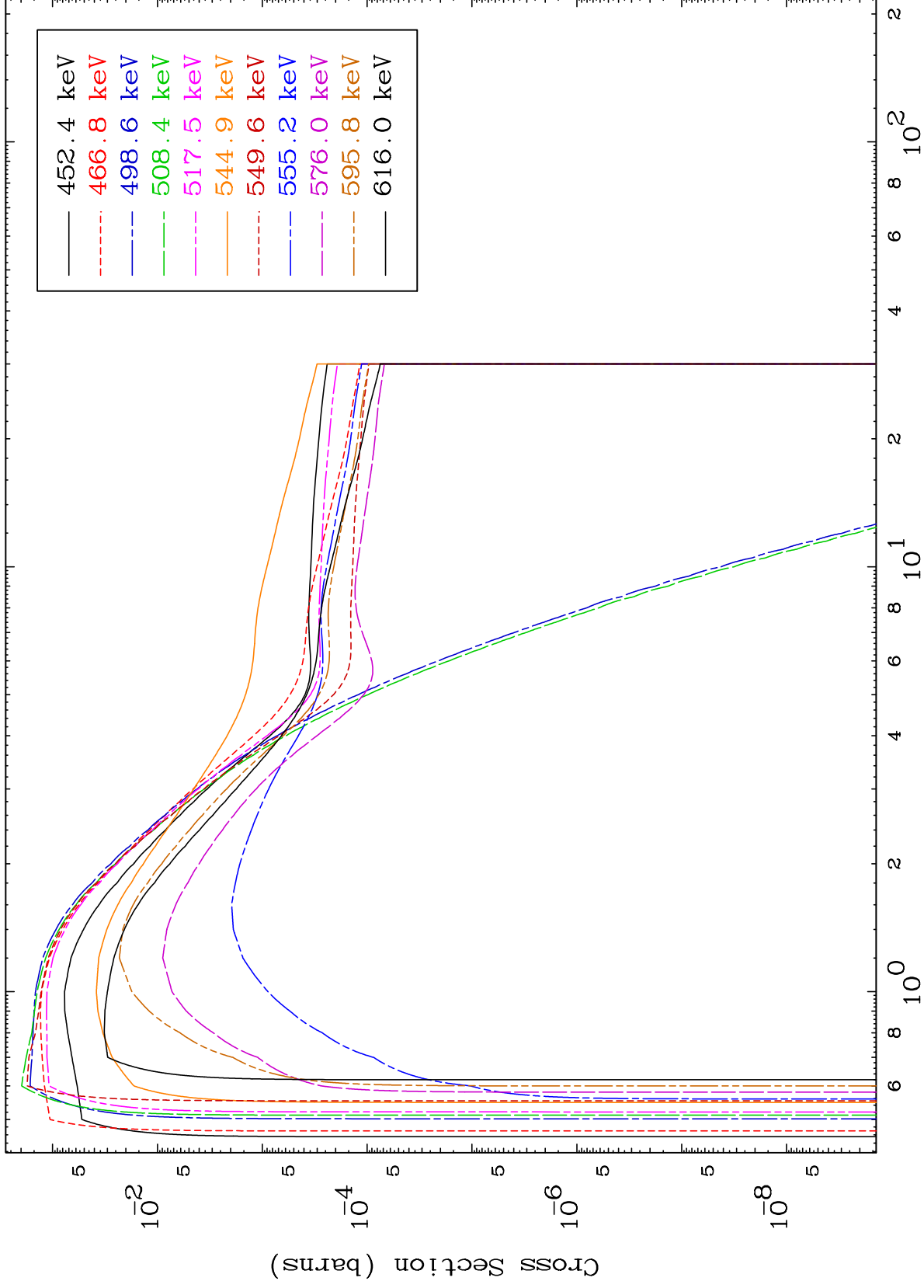
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,n') Level
293 Kelvin Cross Sections

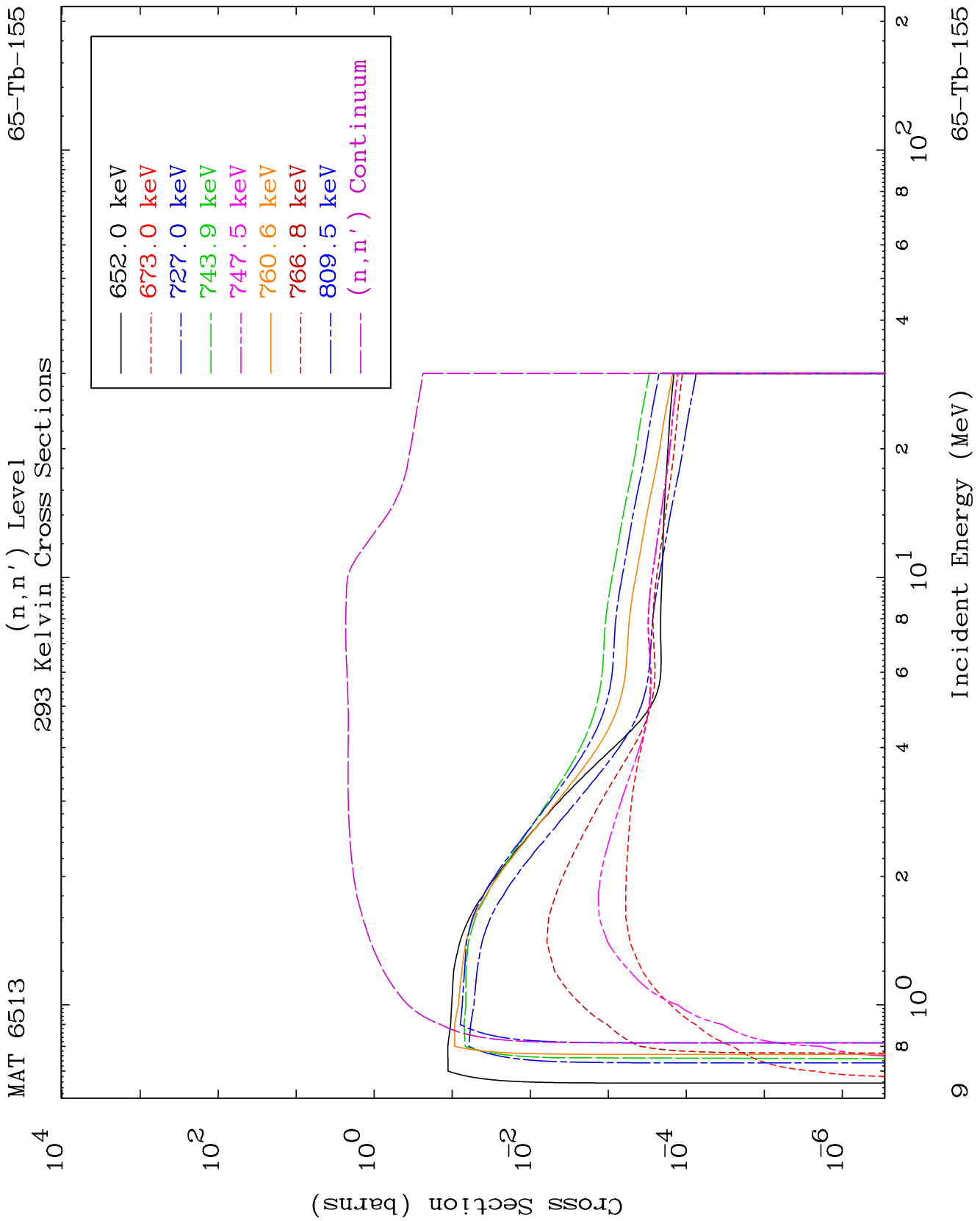
65-Tb-155



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Incident Energy (MeV)

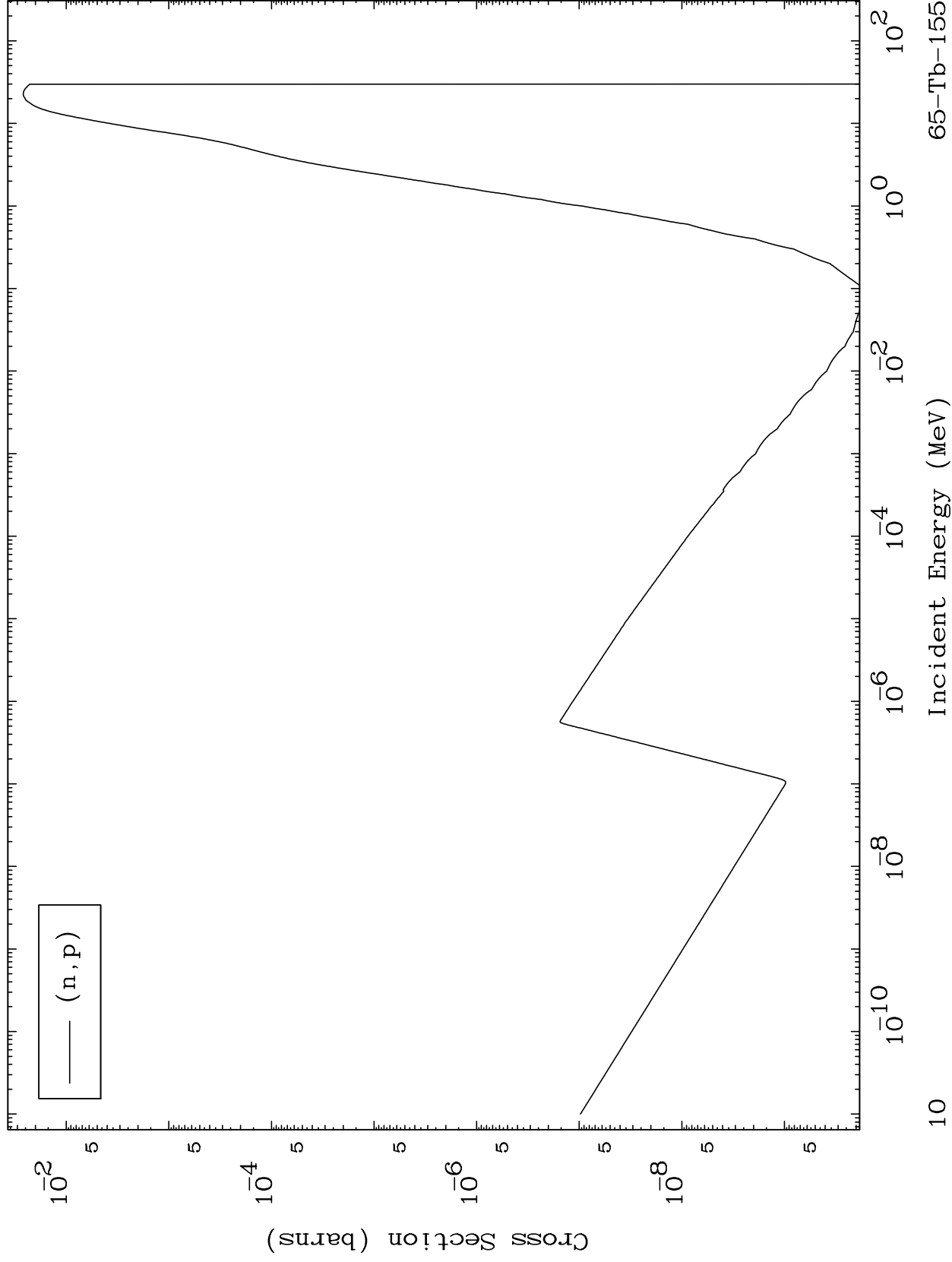
65-Tb-155



MAT 6513

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-155



10

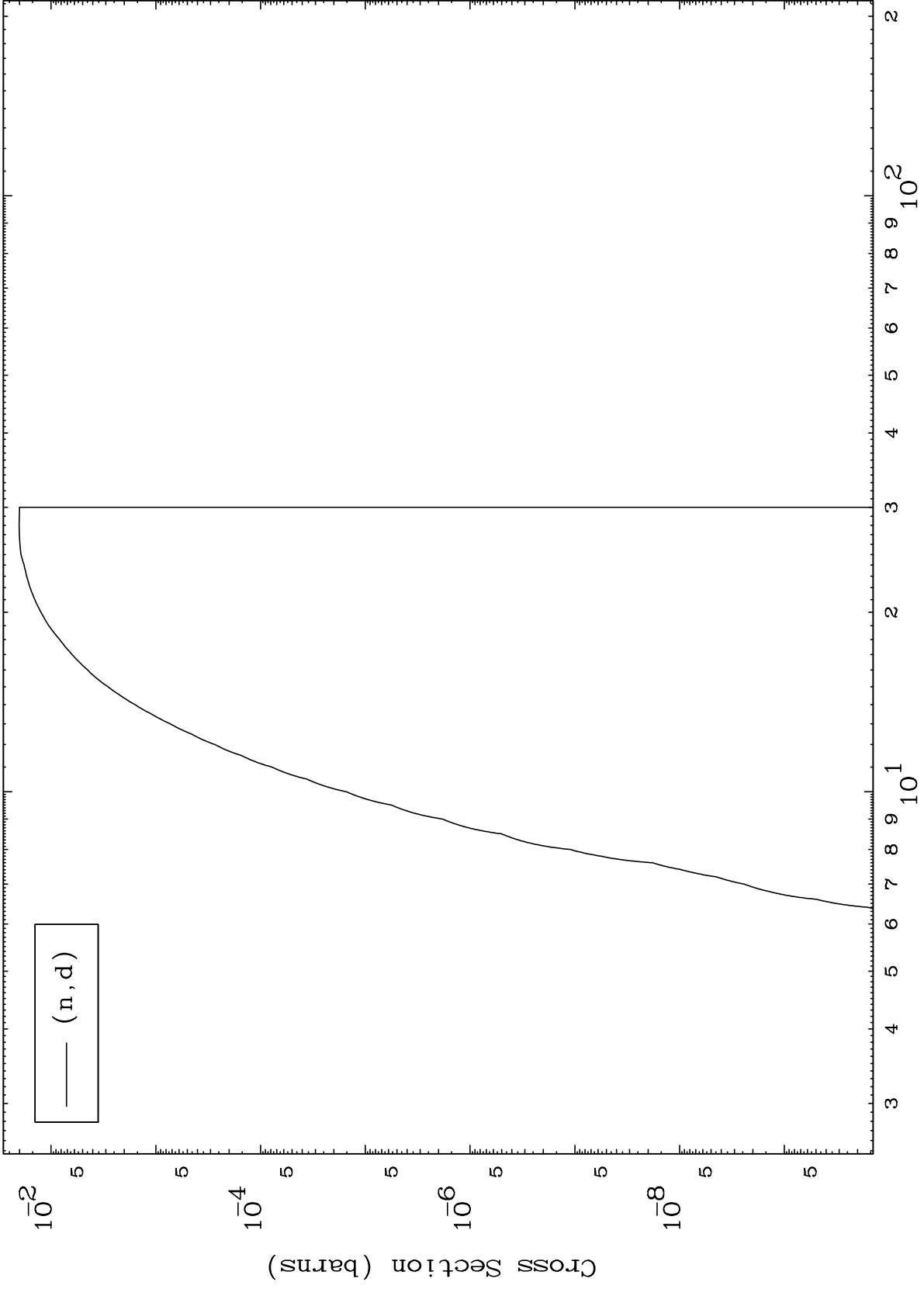
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,d) Levels
293 Kelvin Cross Sections

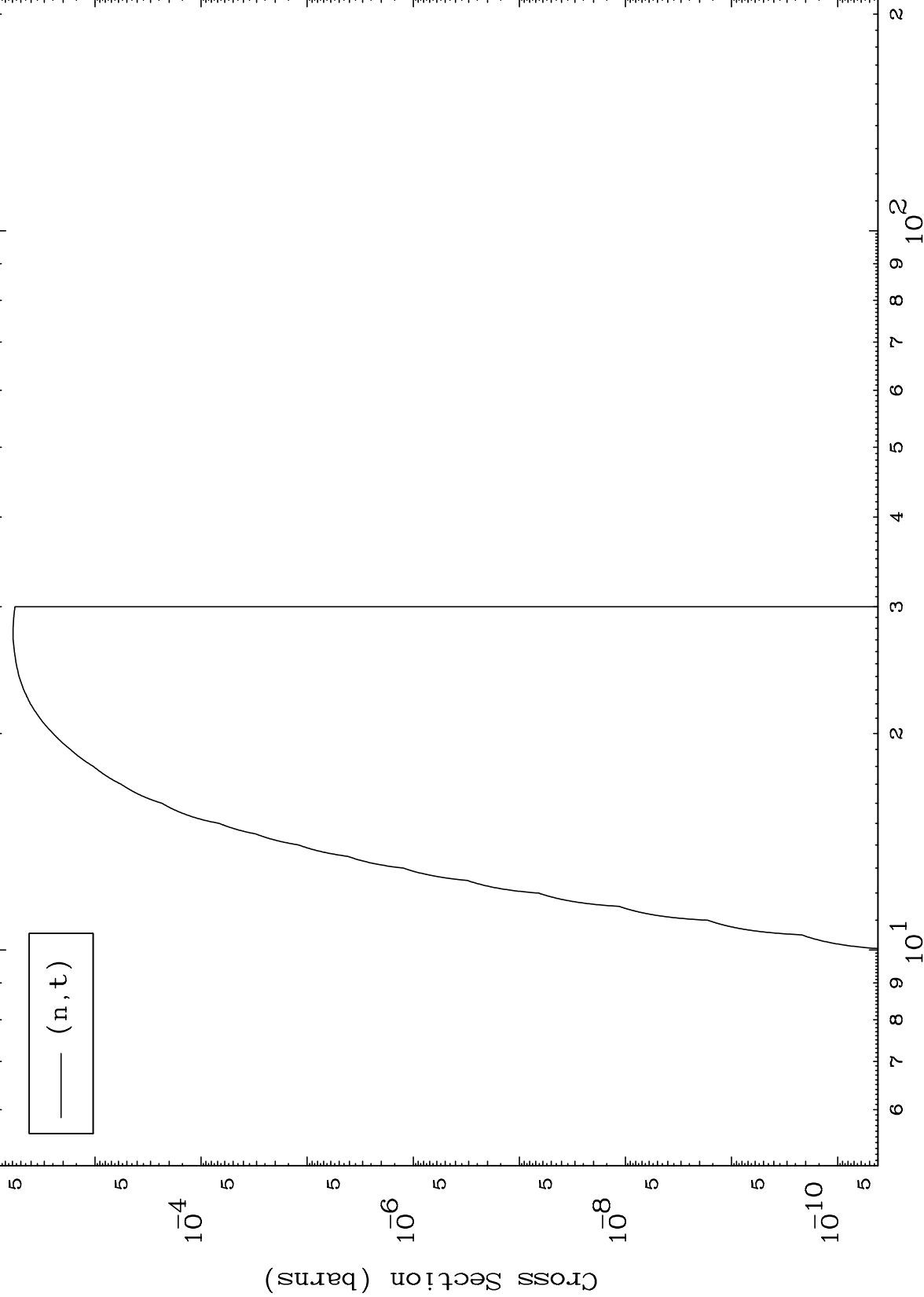
65-Tb-155



MAT 6513

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-155



12

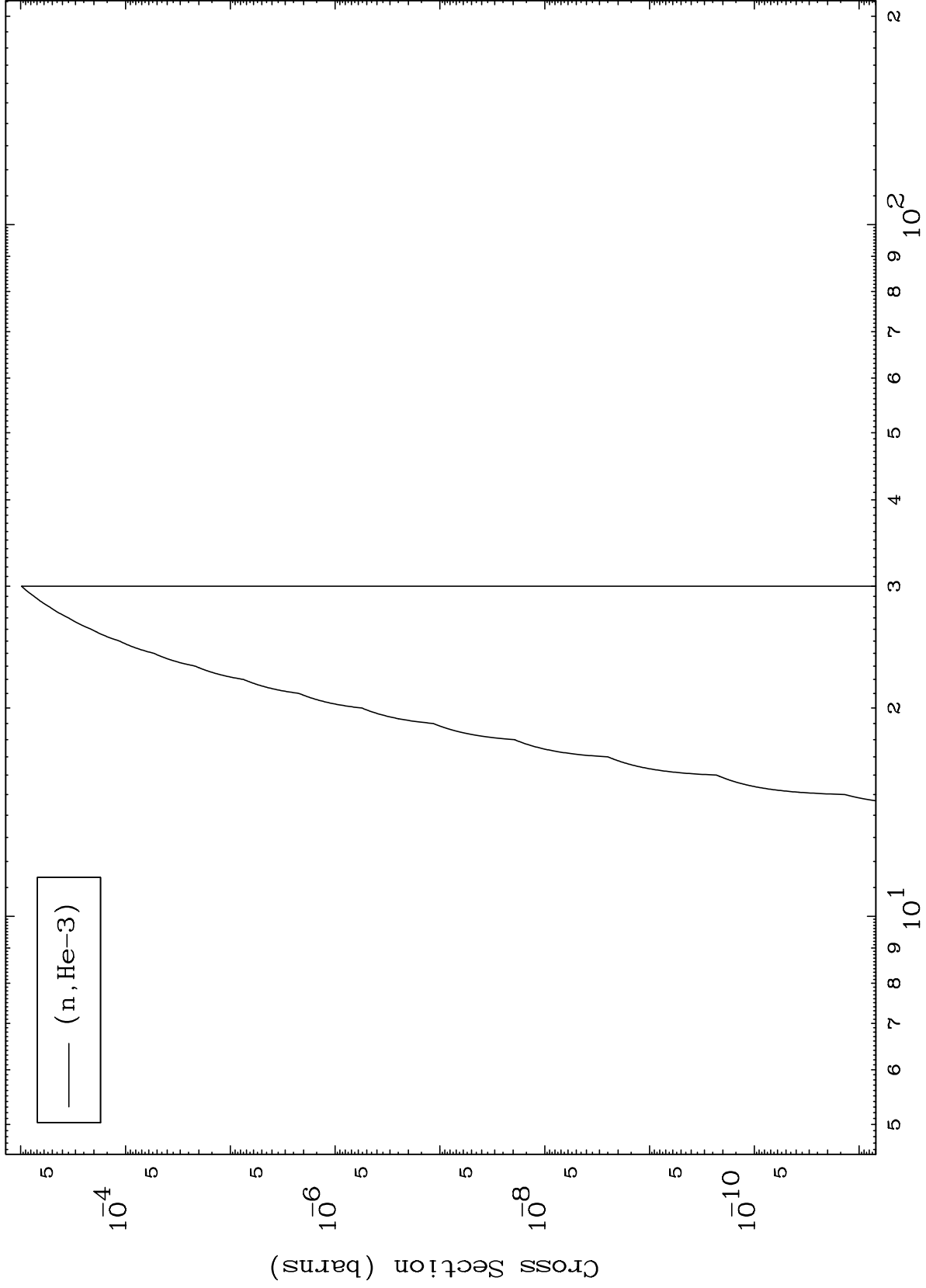
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-155



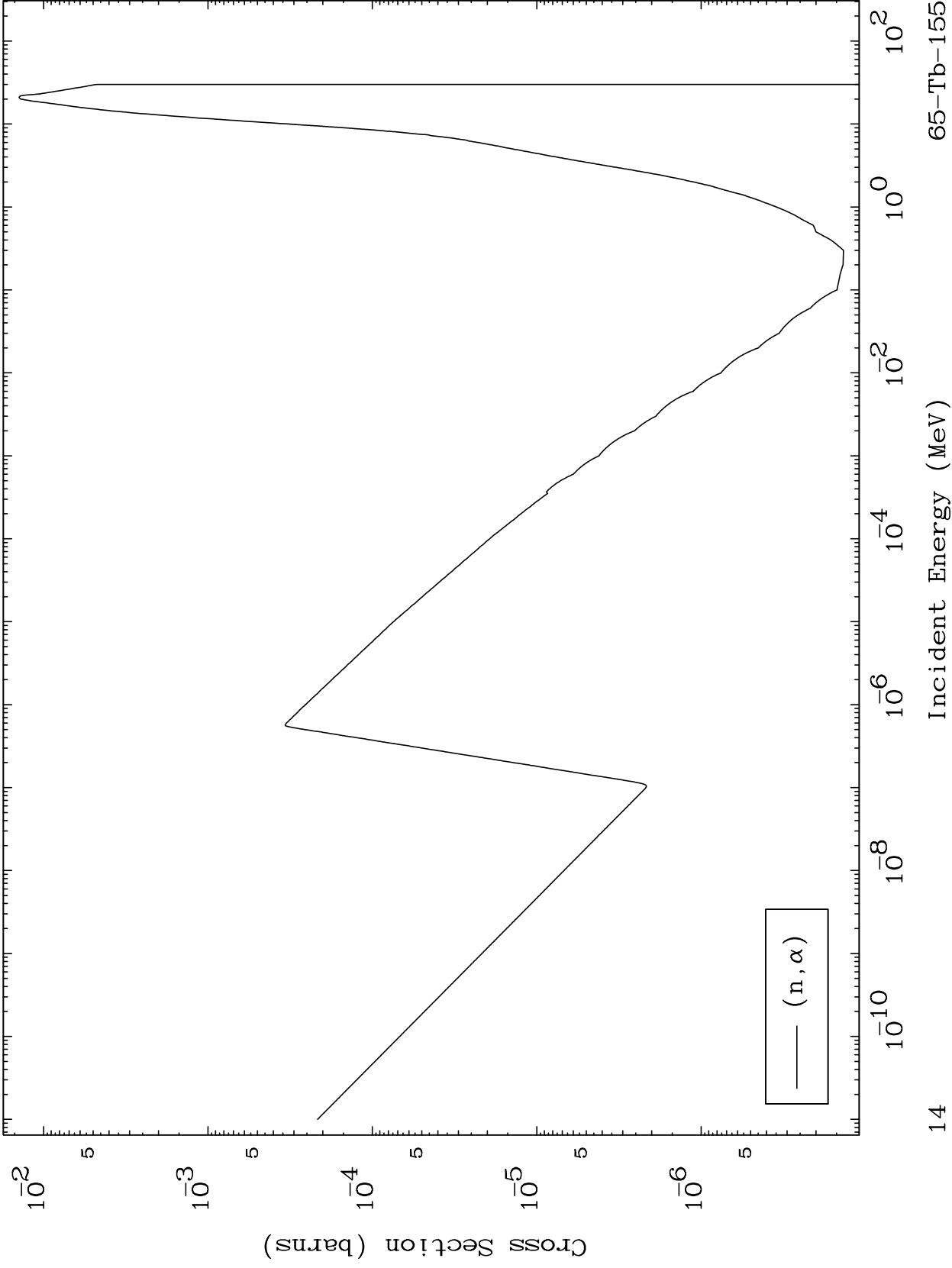
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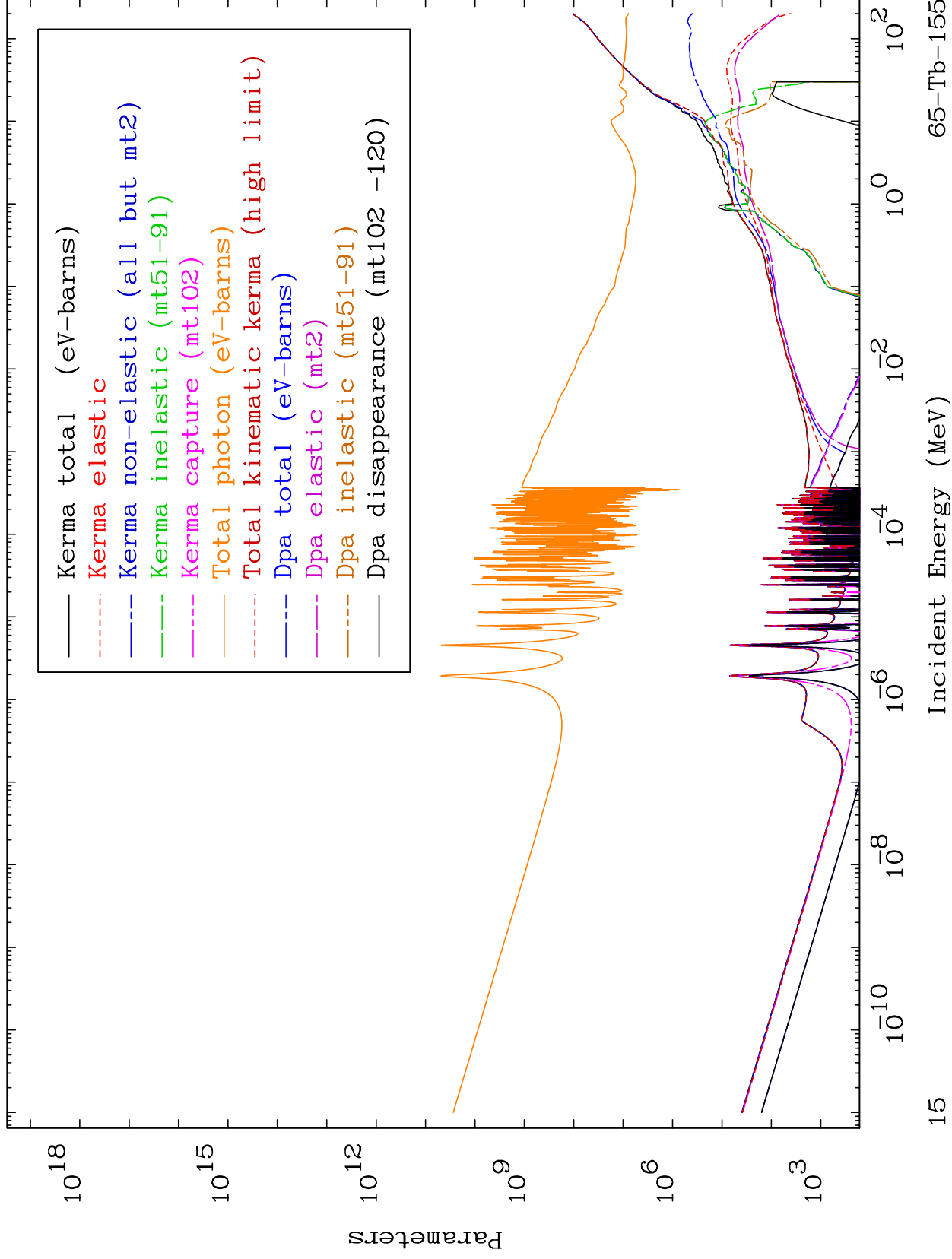
13

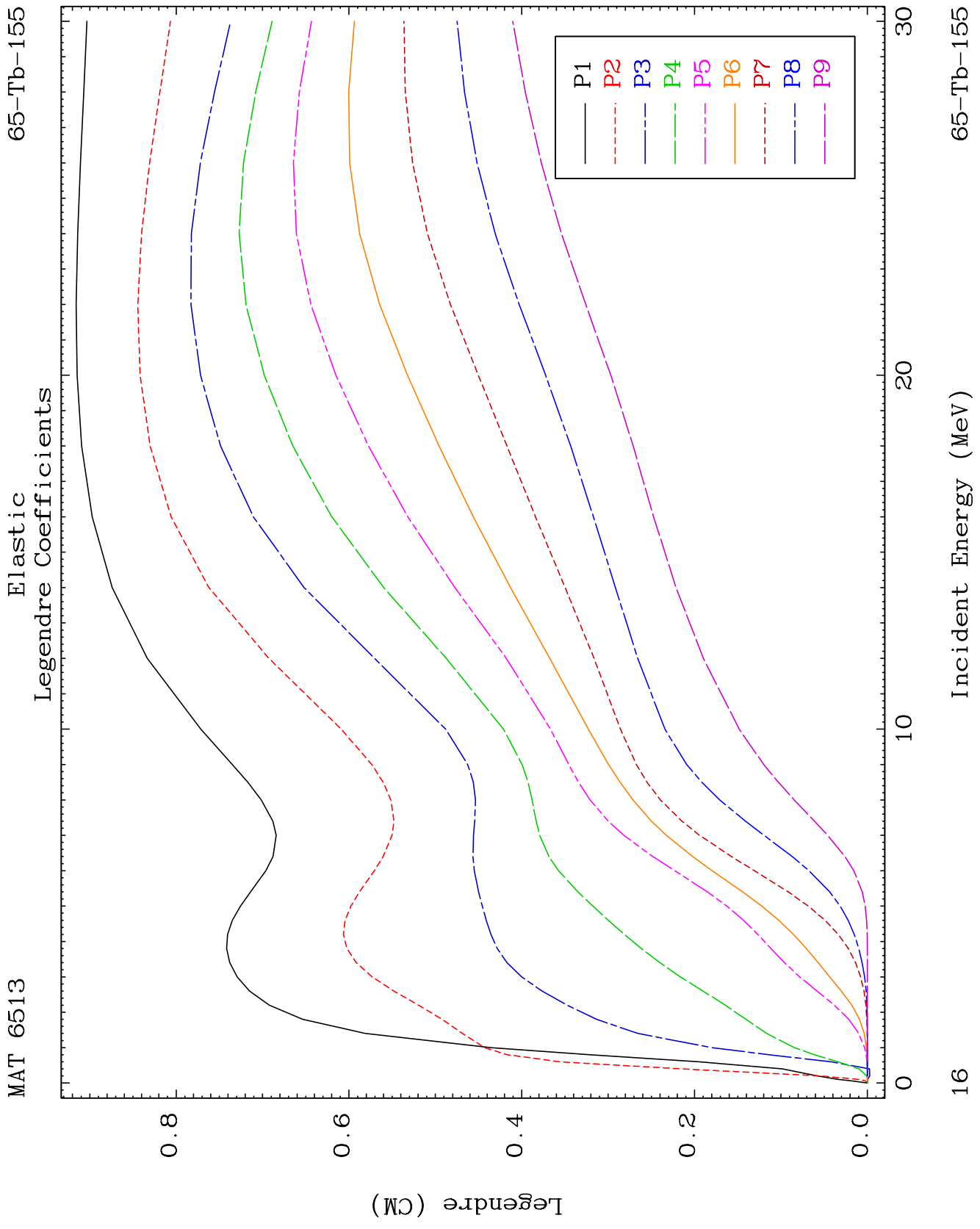
MAT 6513

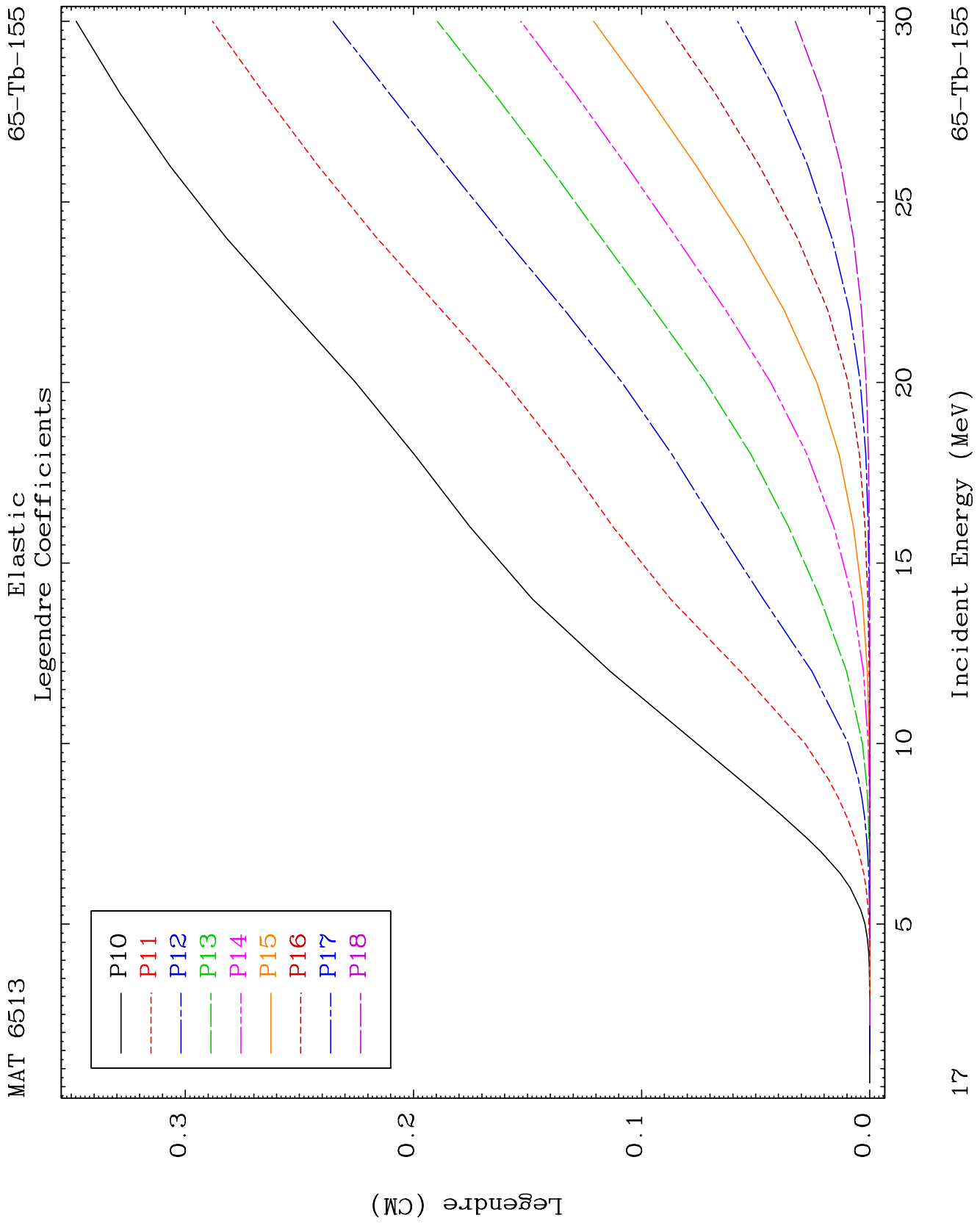
(n, α) Levels
293 Kelvin Cross Sections

65-Tb-155





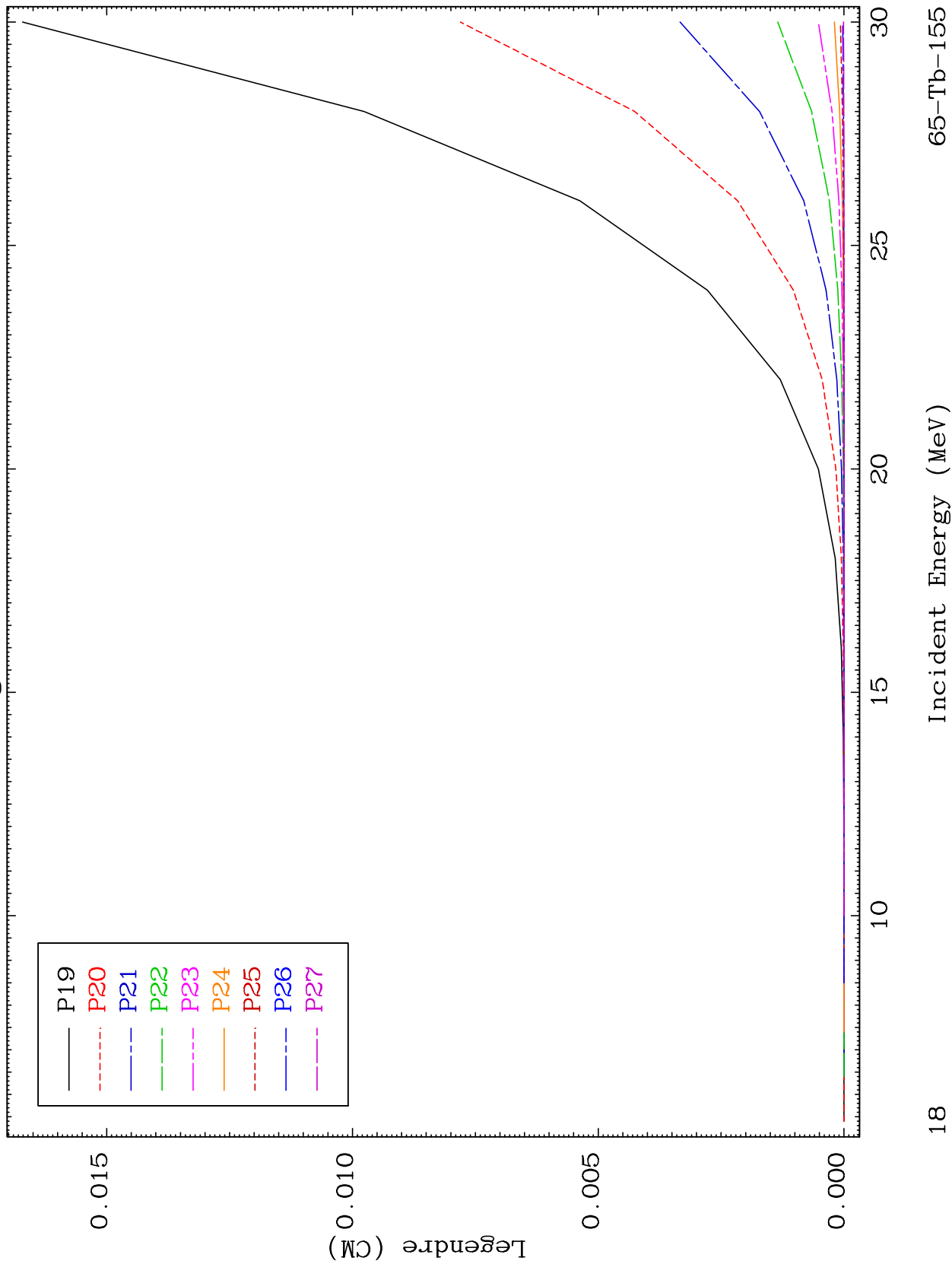




MAT 6513

Elastic Legendre Coefficients

65-Tb-155



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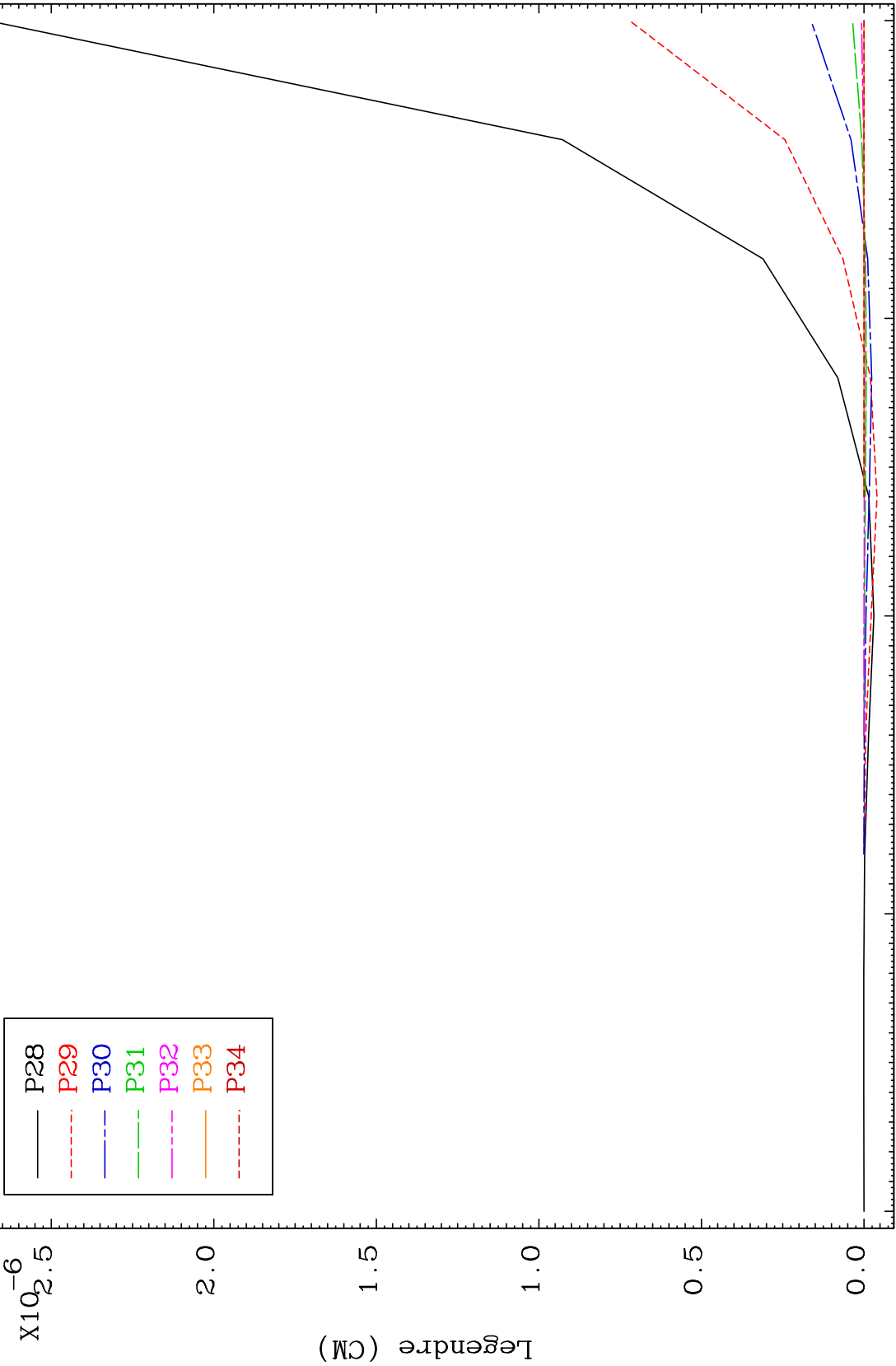
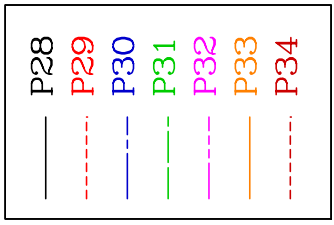
Incident Energy (MeV)

65-Tb-155

MAT 6513

Elastic
Legendre Coefficients

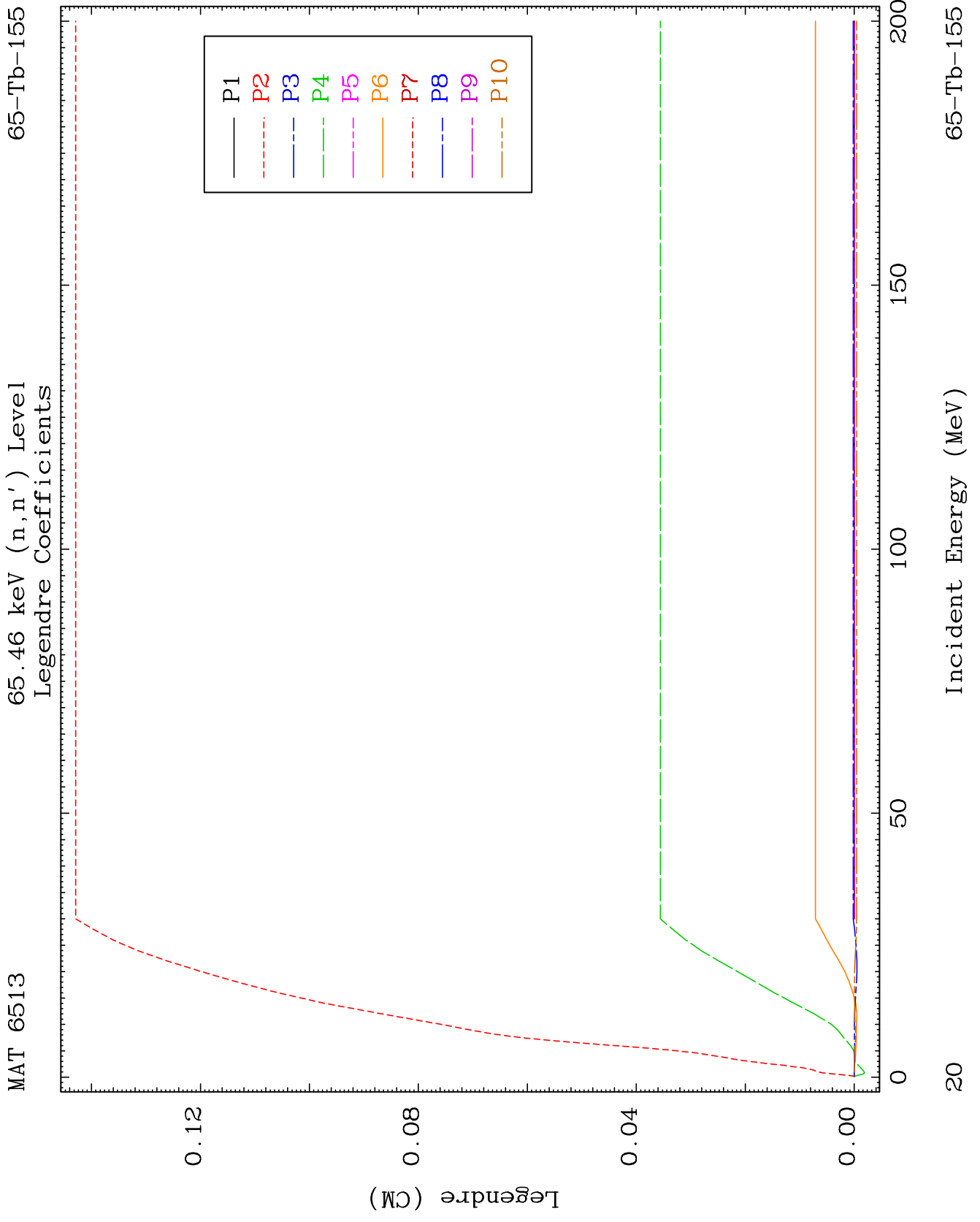
65-Tb-155



19

Incident Energy (MeV)

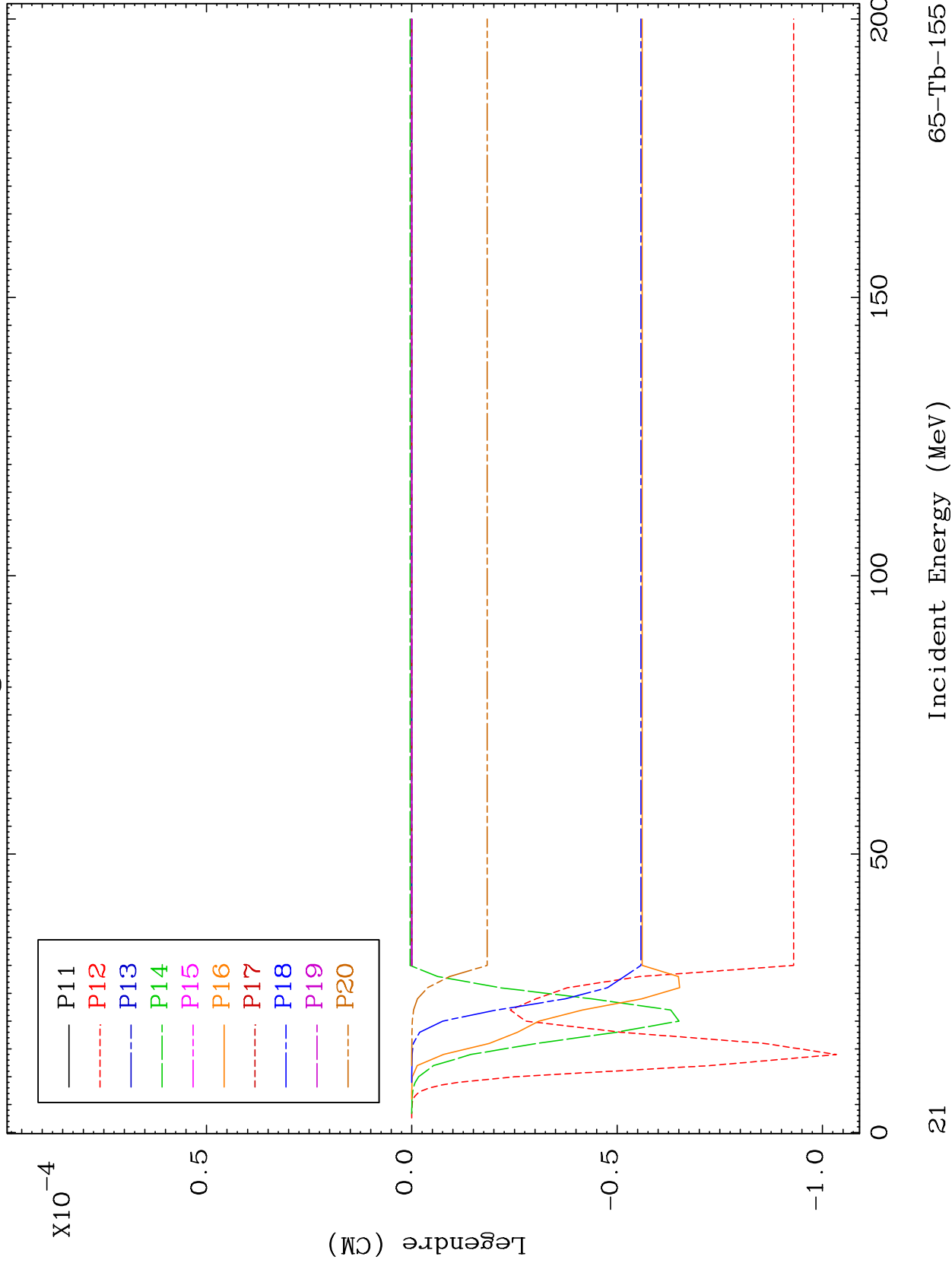
65-Tb-155



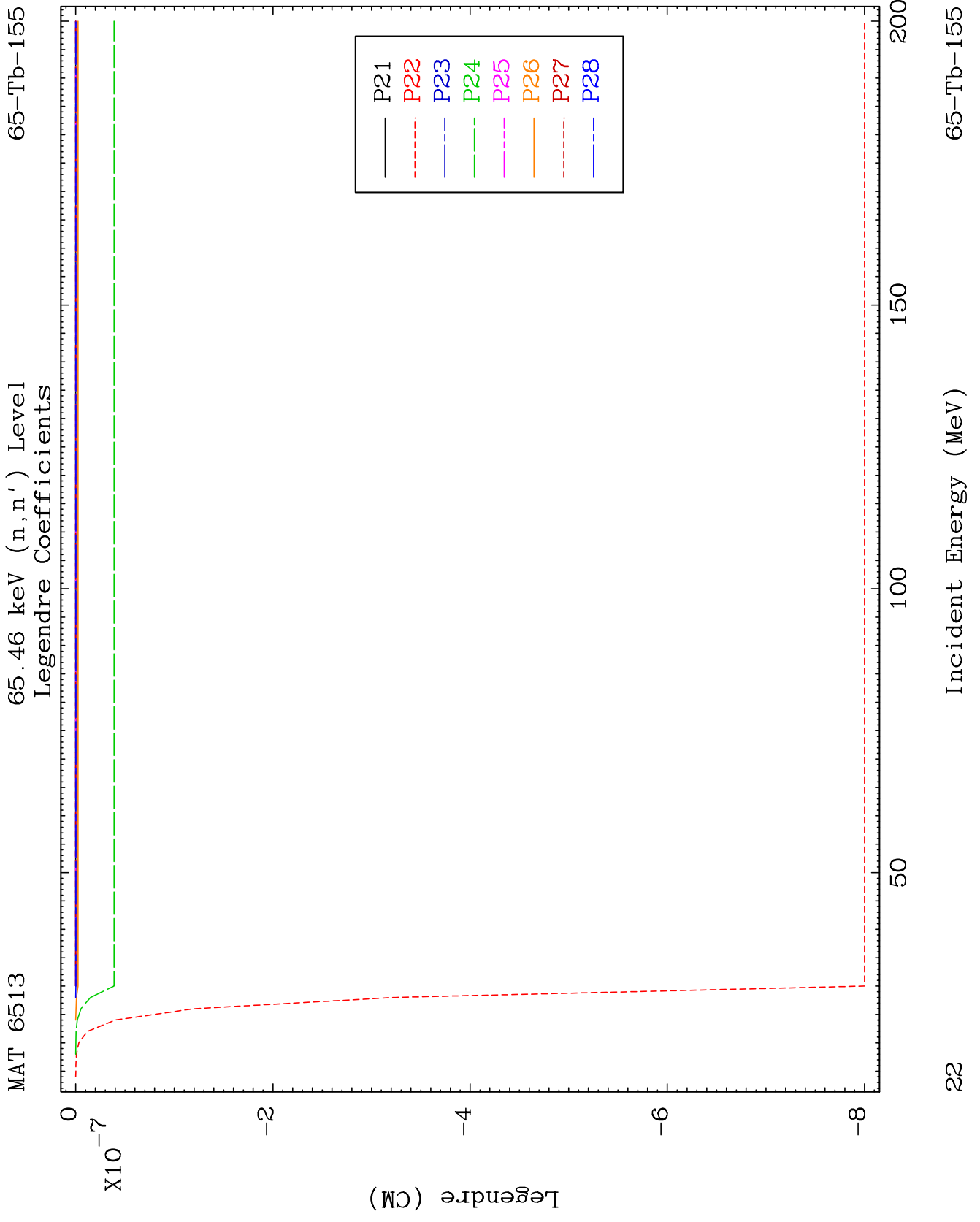
MAT 6513

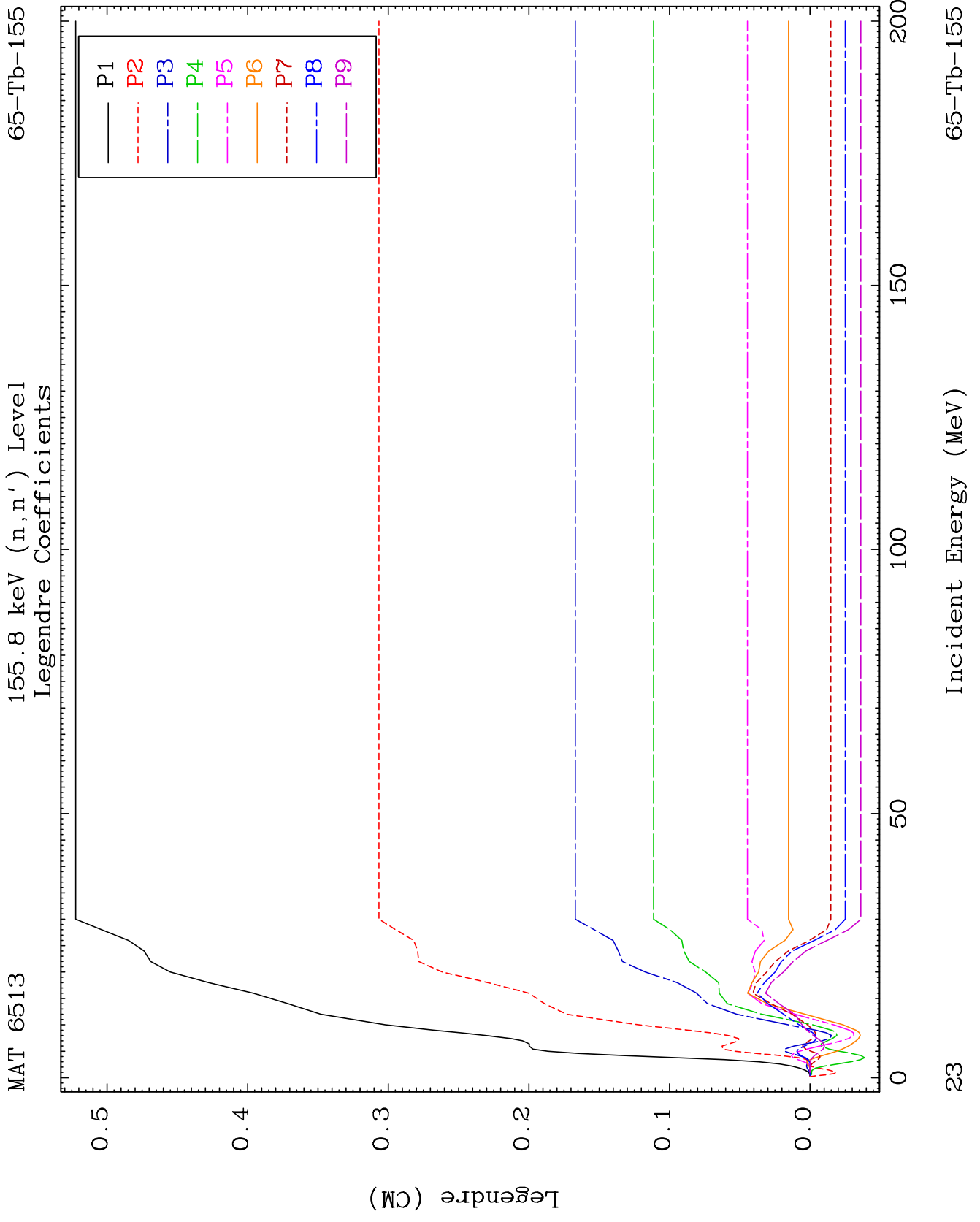
65.46 keV (n,n') Level
Legendre Coefficients

65-Tb-155



21

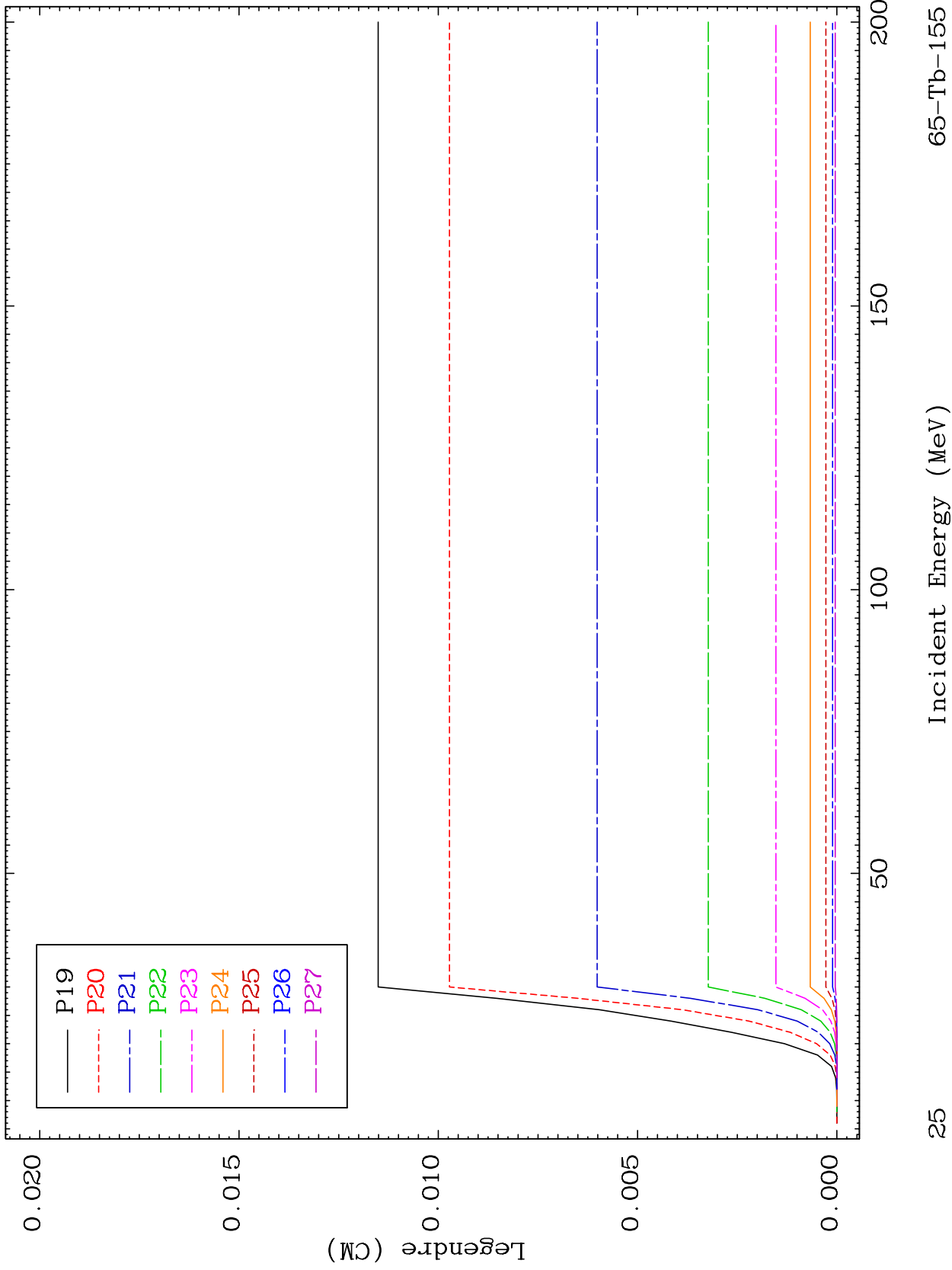




MAT 6513

155.8 keV (n, n') Level
Legendre Coefficients

65-Tb-155



25

Incident Energy (MeV)

65-Tb-155

200

150

100

50

Legendre (CM)

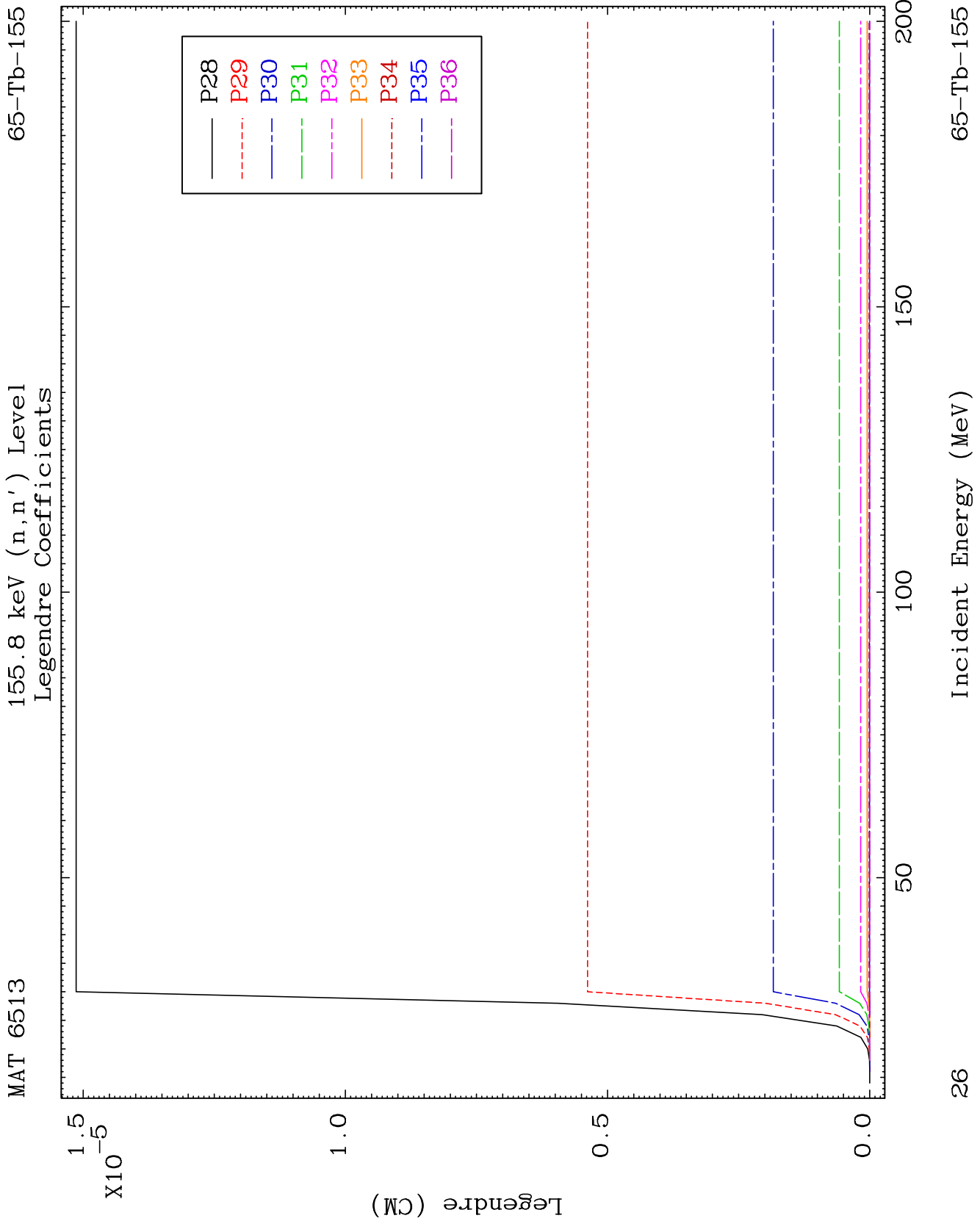
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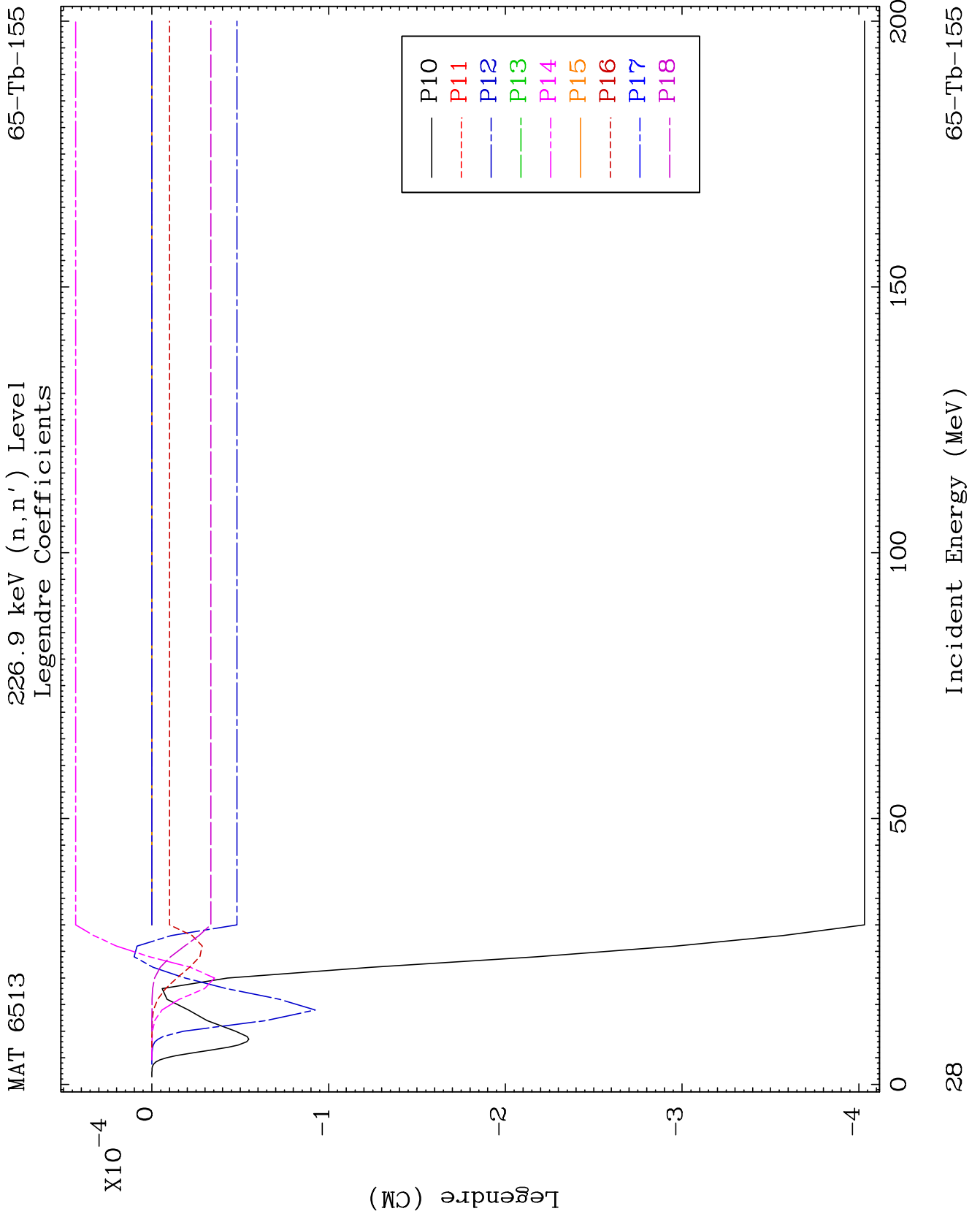
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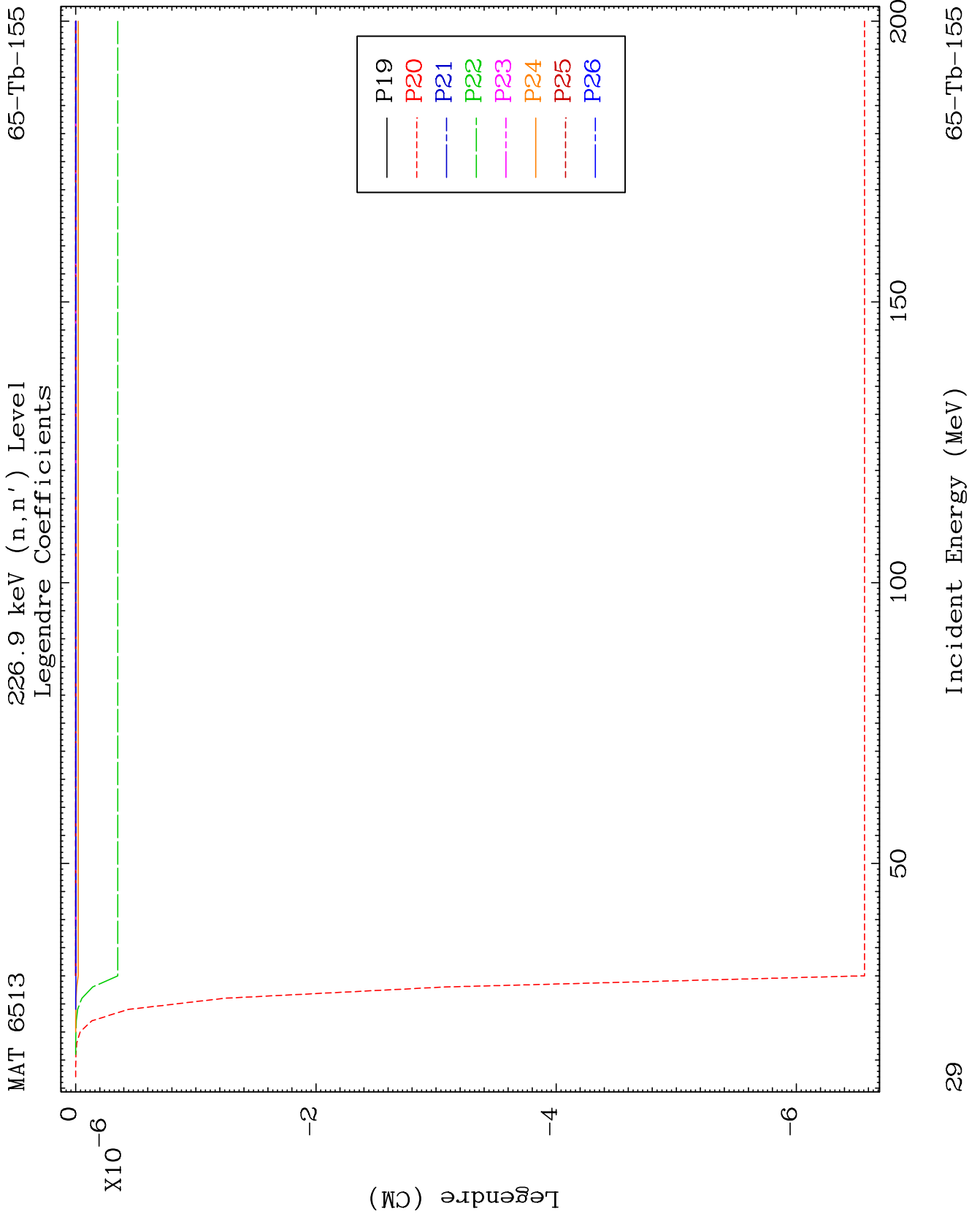
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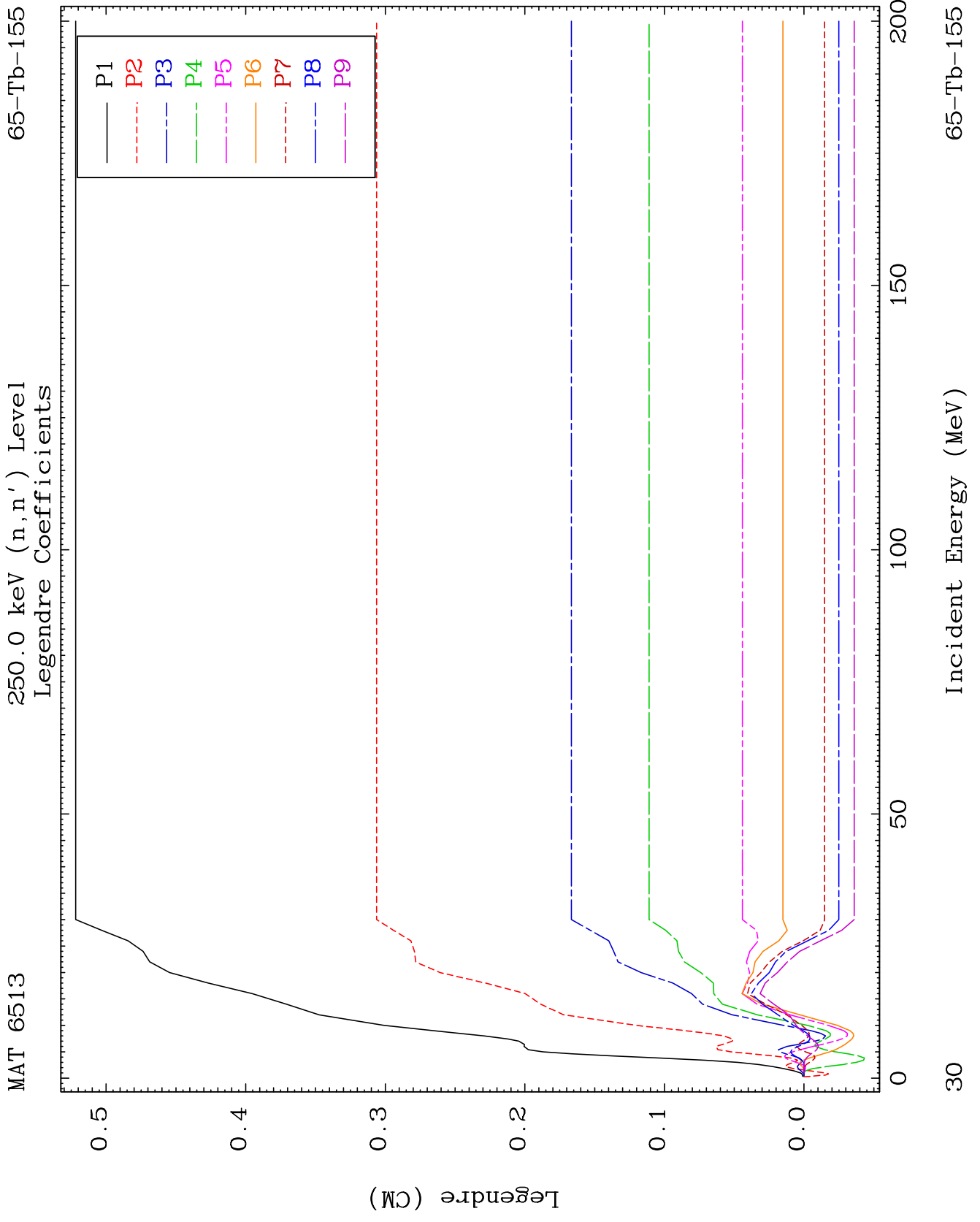
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0.000





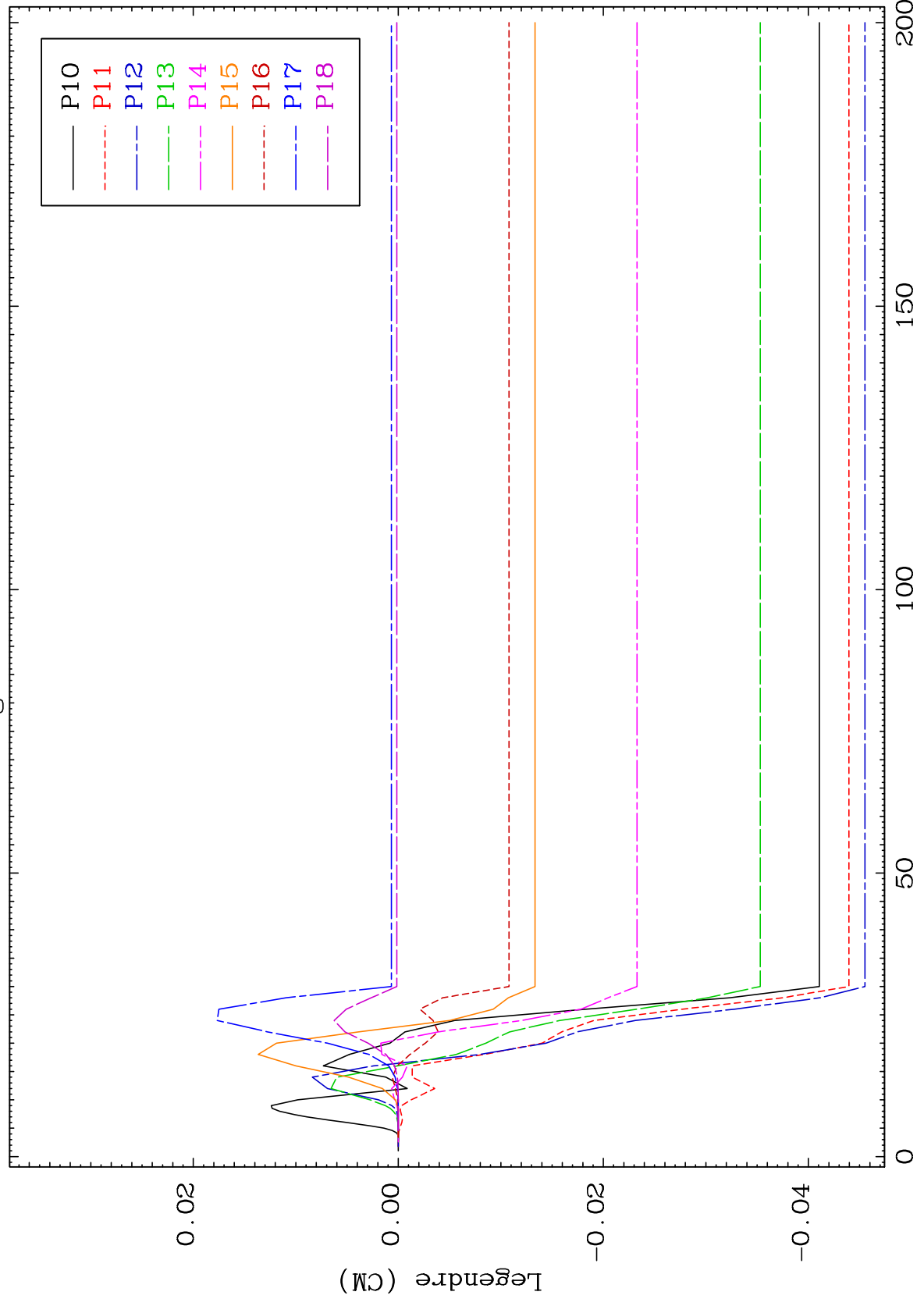




MAT 6513

250.0 keV (n,n') Level
Legendre Coefficients

65-Tb-155



31

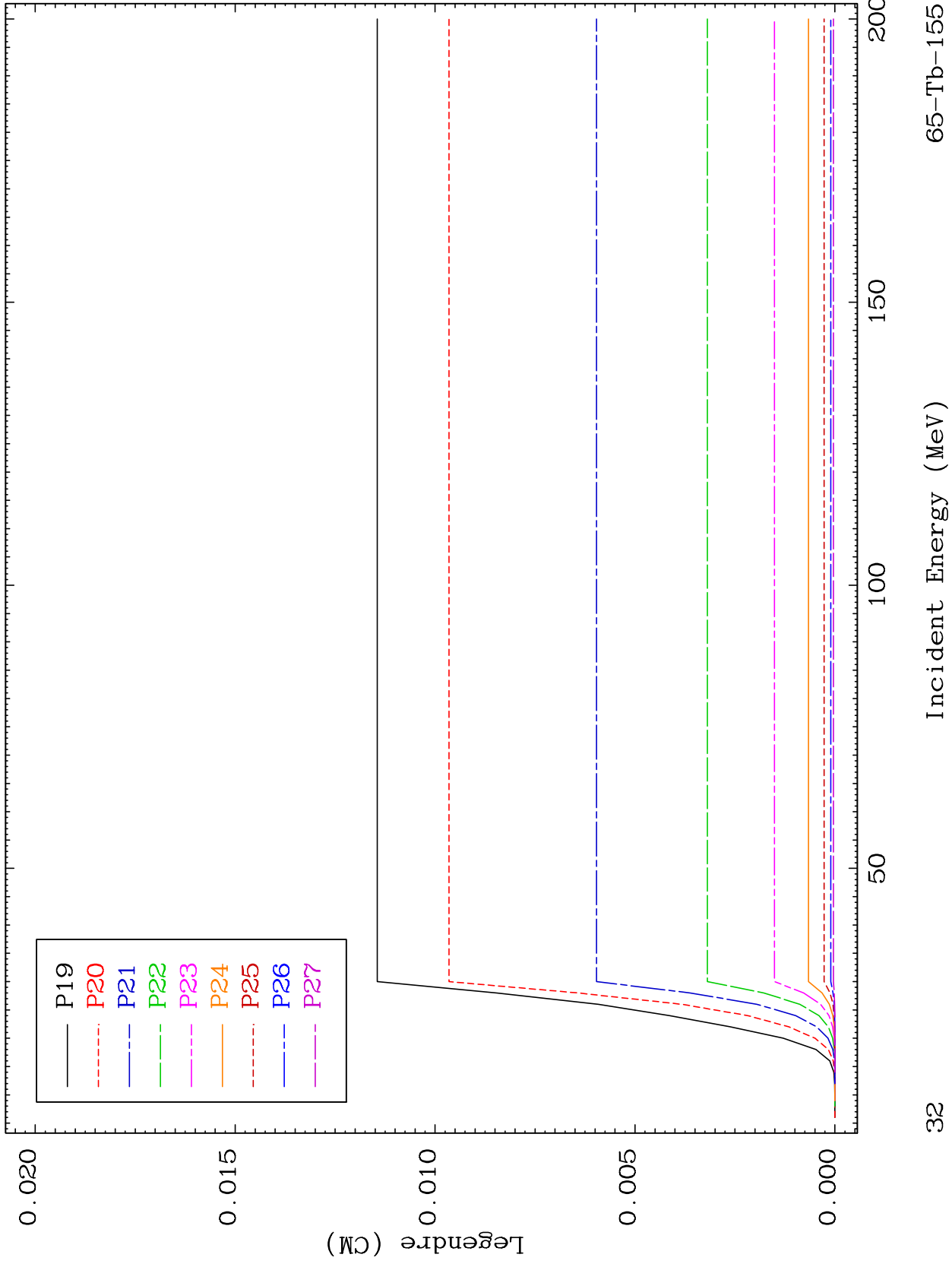
Incident Energy (MeV)

65-Tb-155

MAT 6513

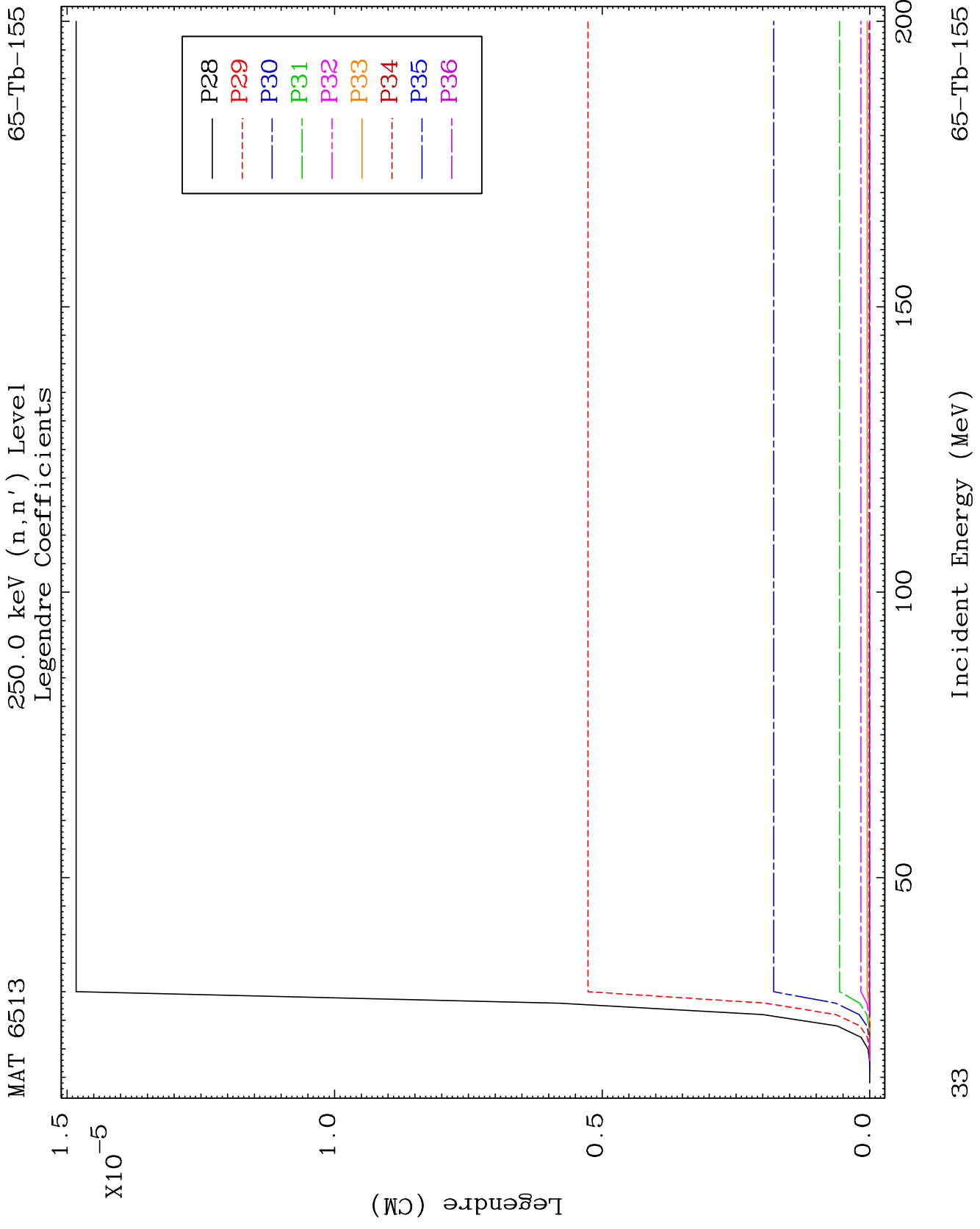
250.0 keV (n,n') Level
Legendre Coefficients

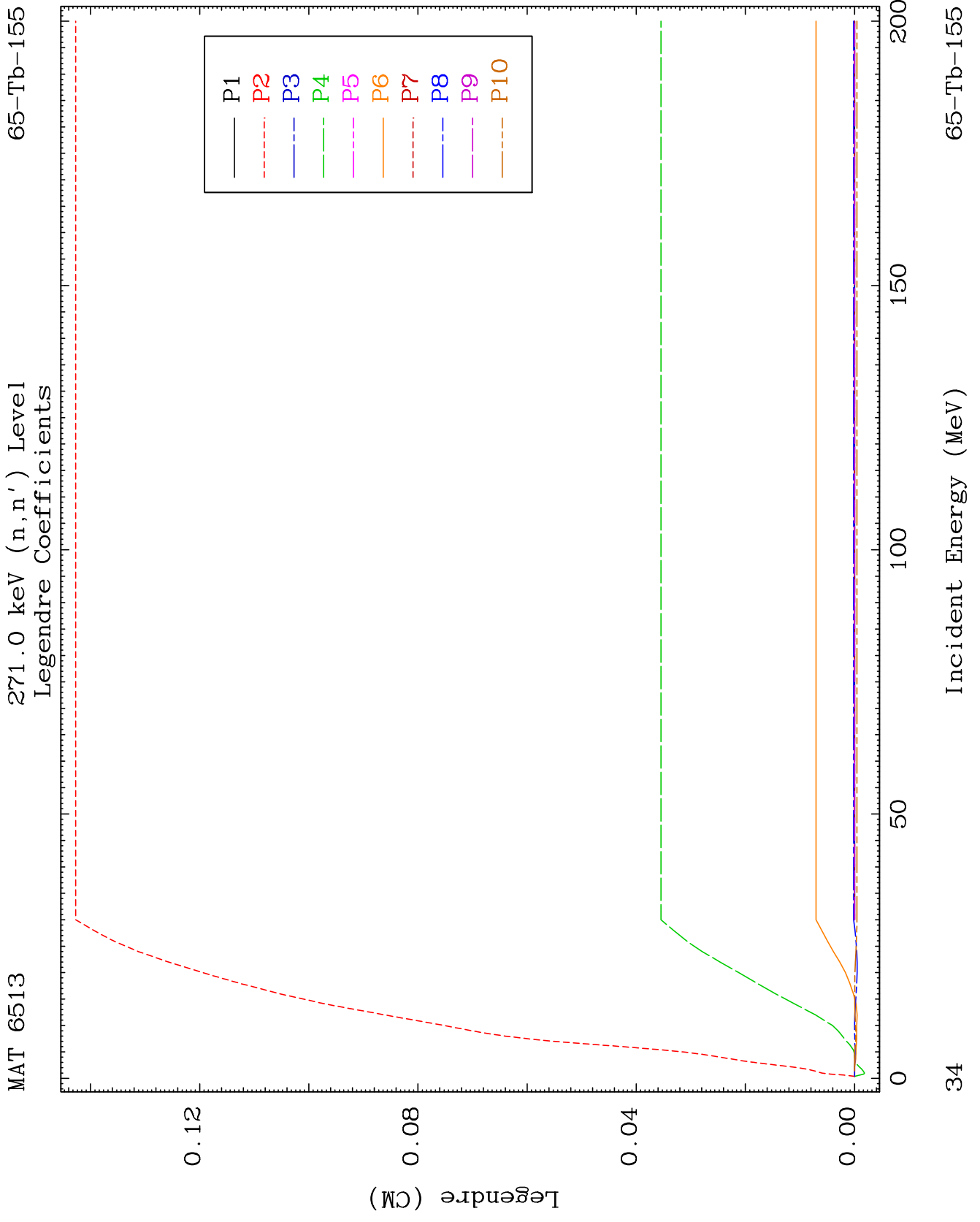
65-Tb-155

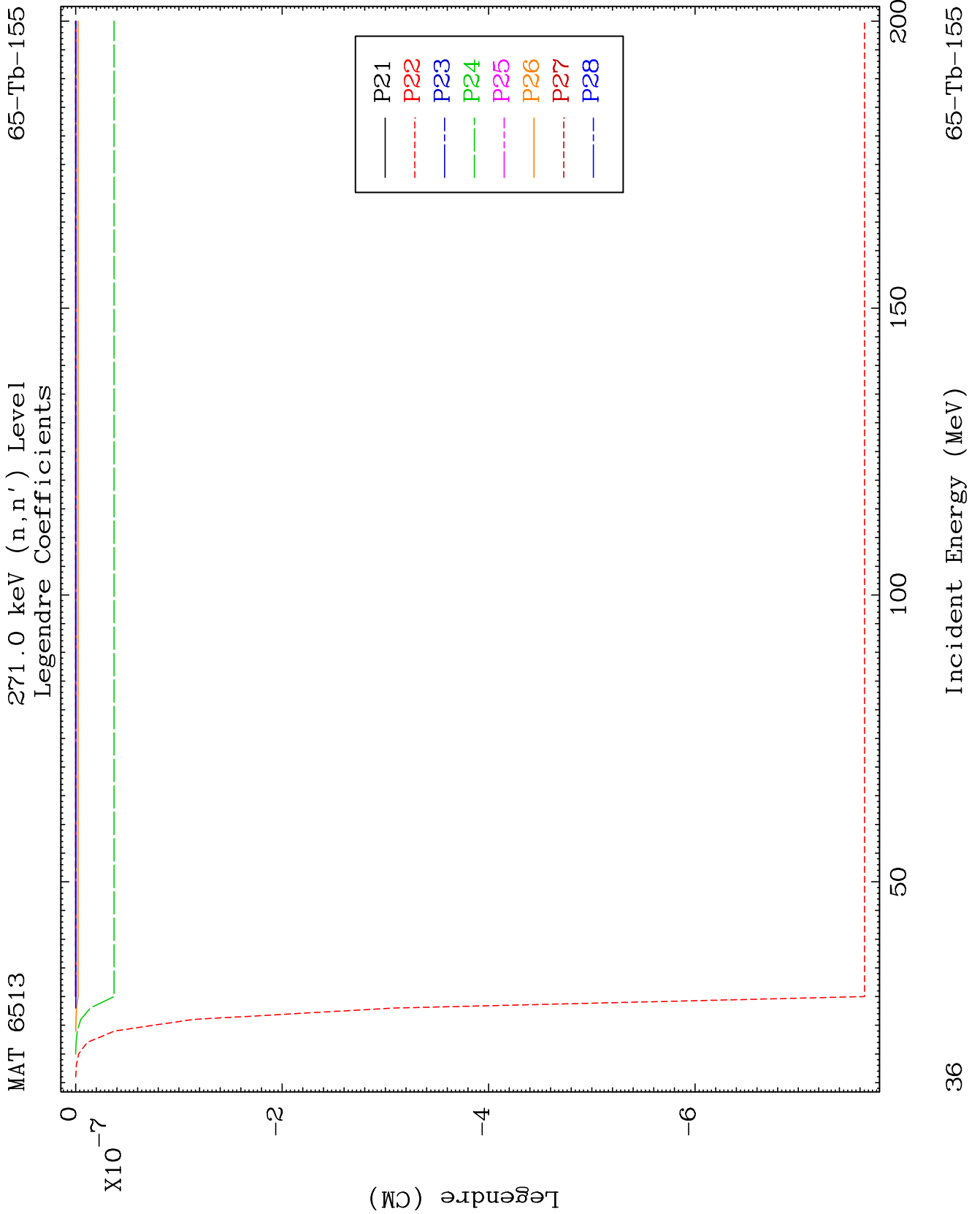


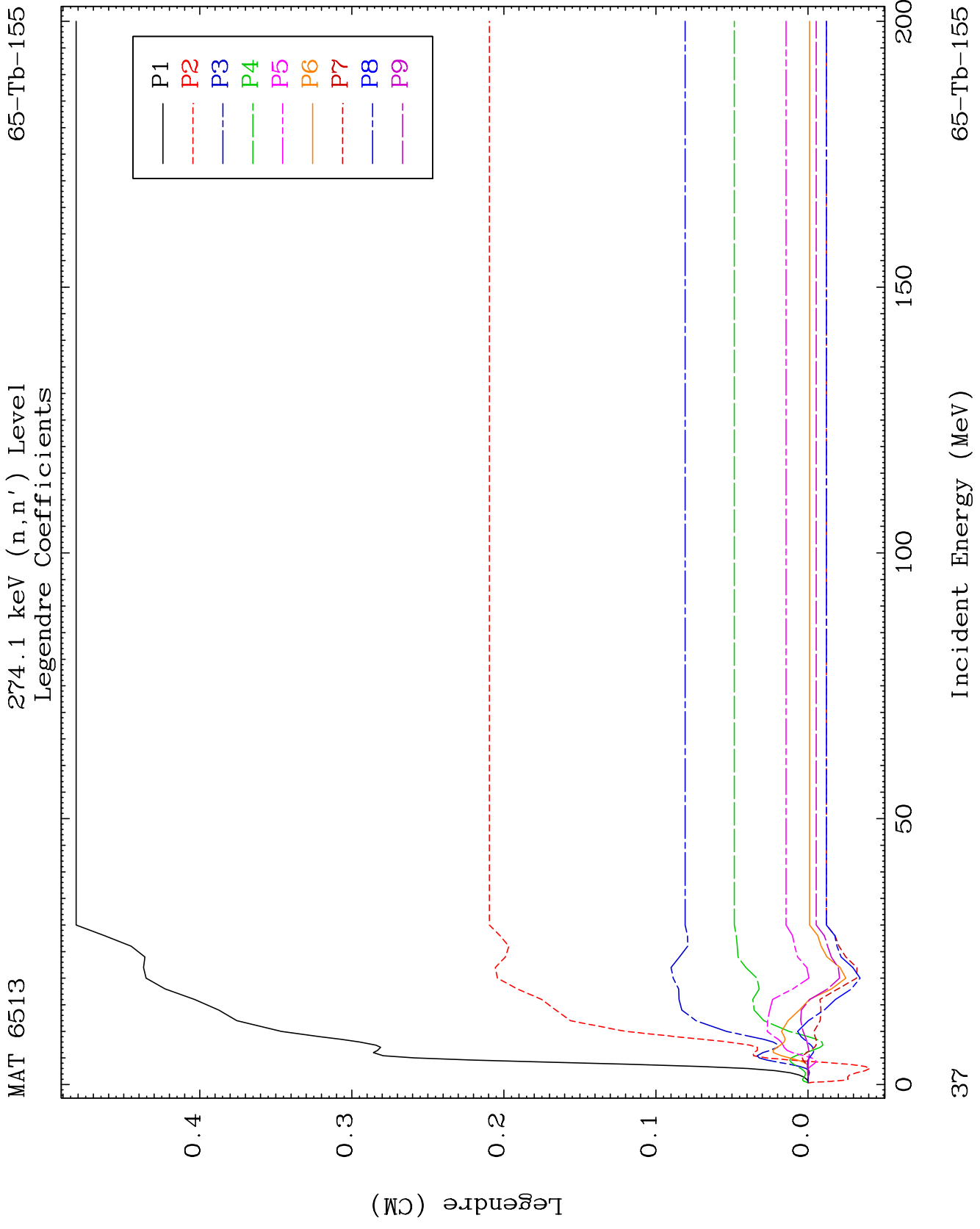
32

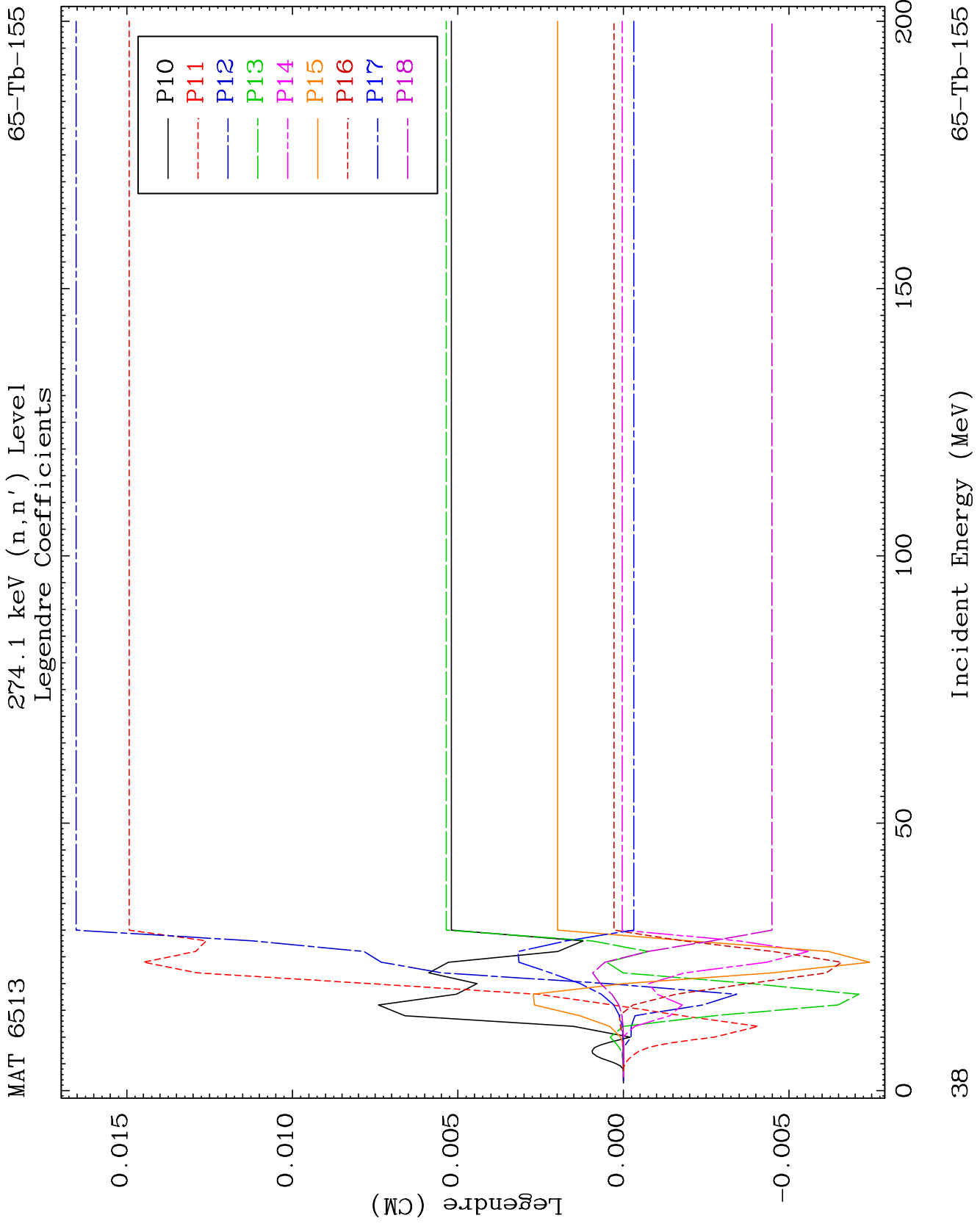
200

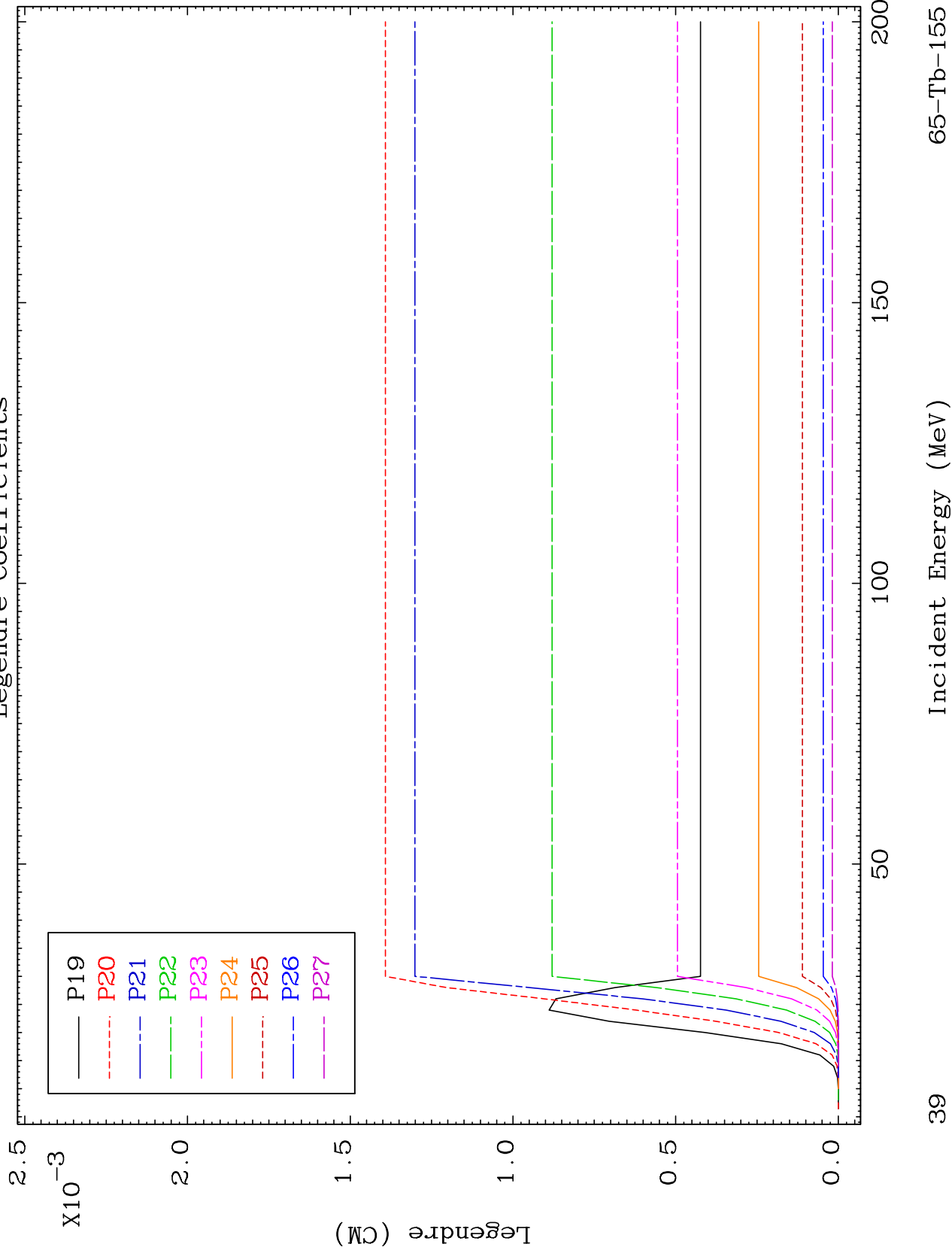


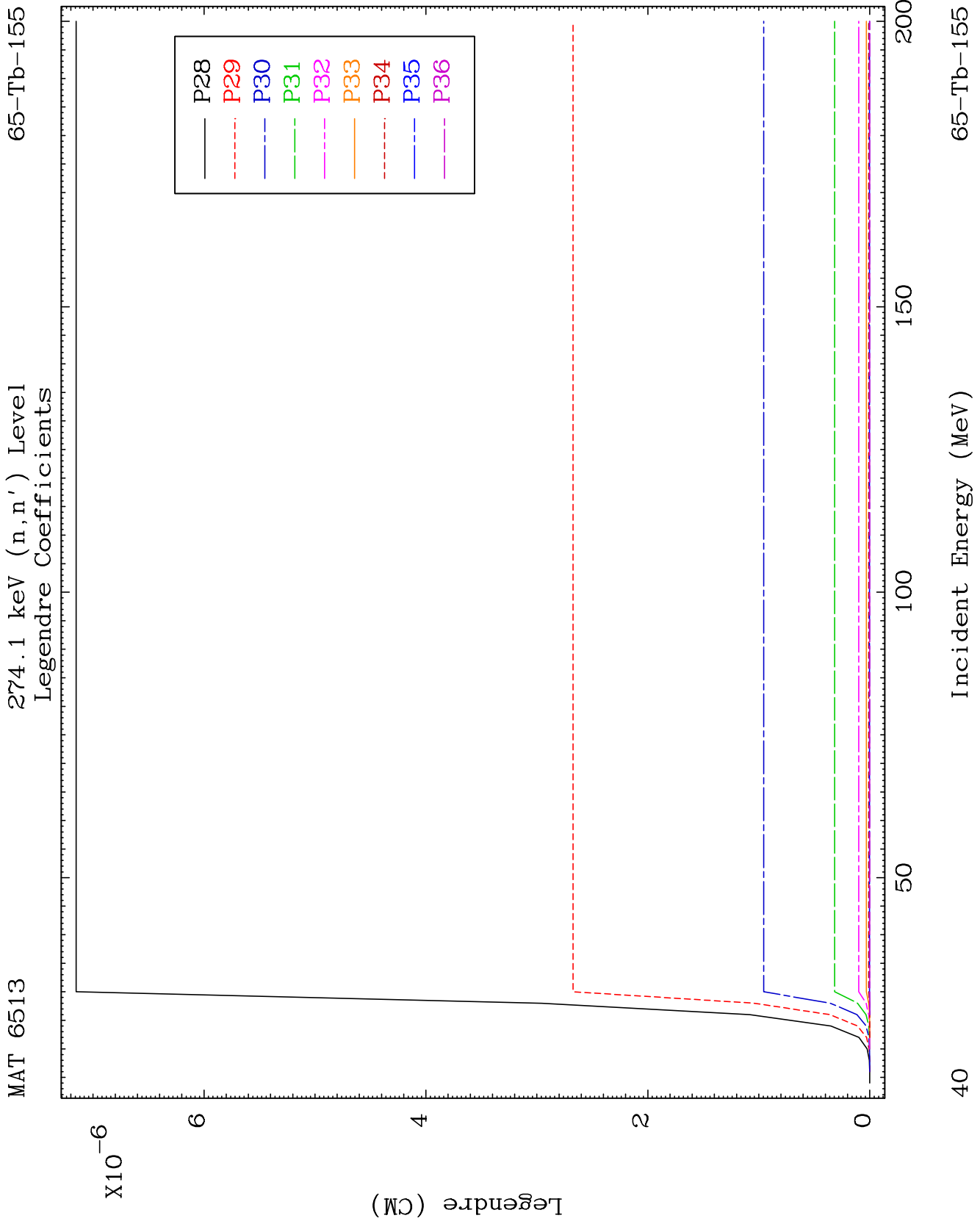








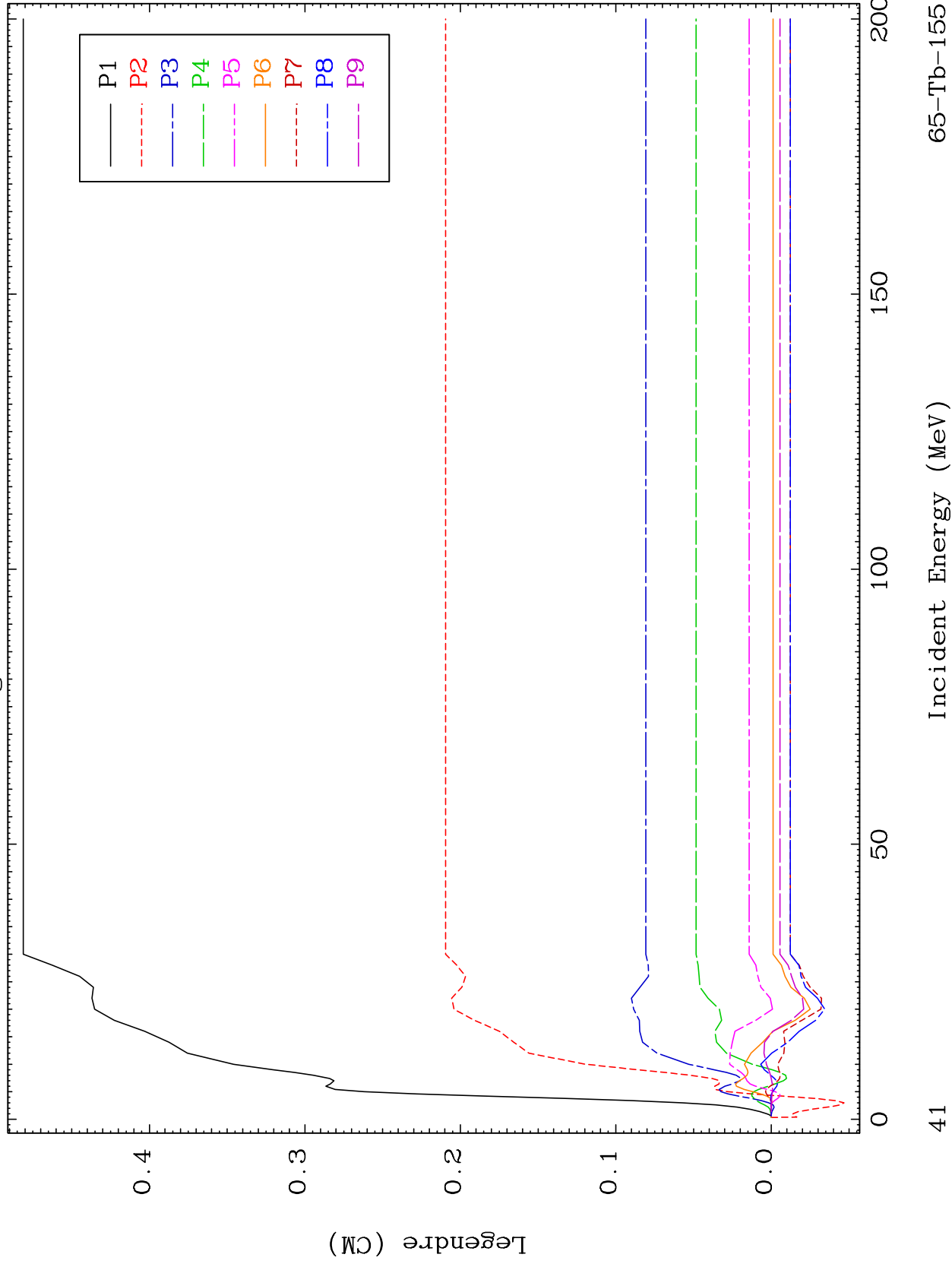




MAT 6513

317.0 keV (n,n') Level
Legendre Coefficients

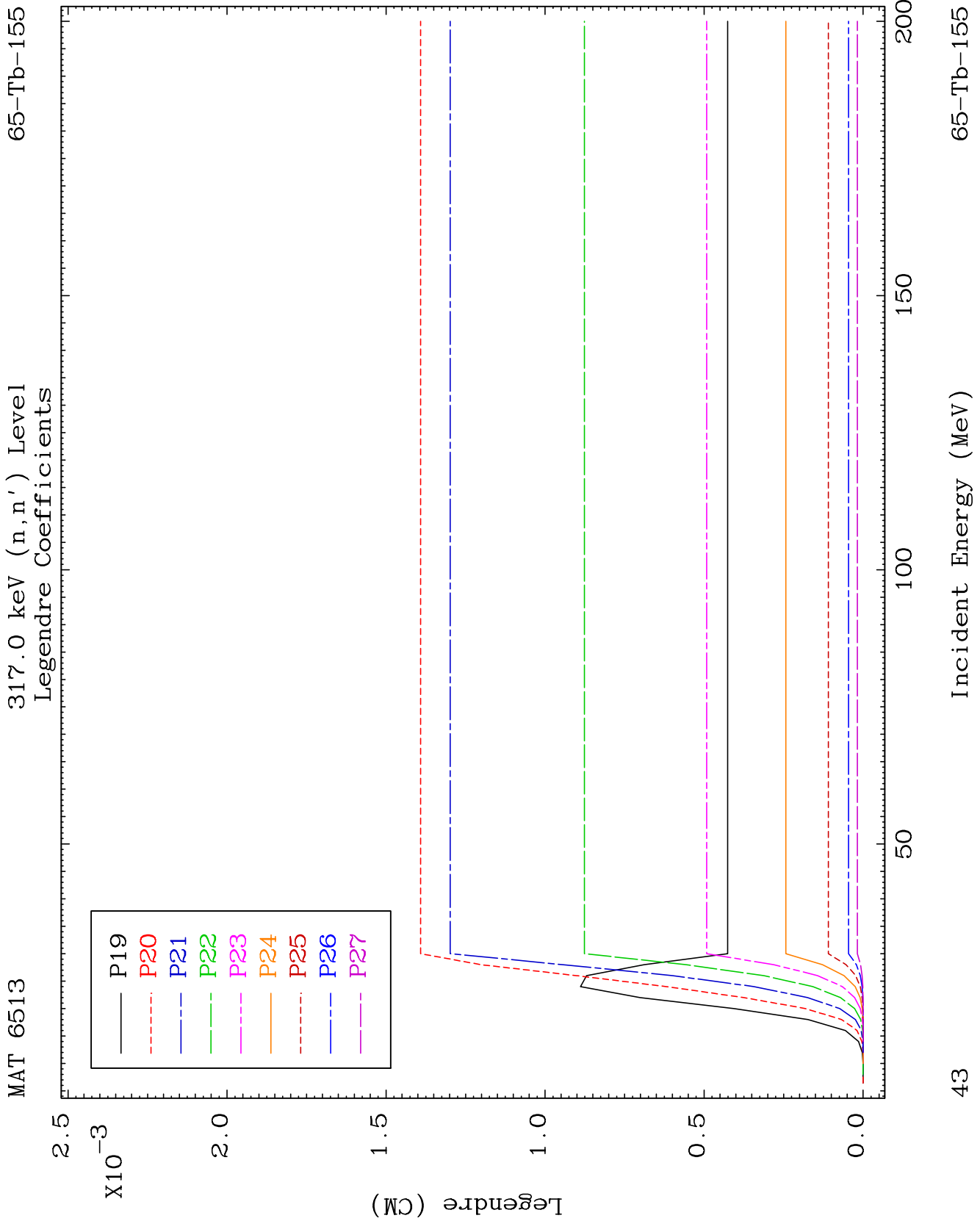
65-Tb-155

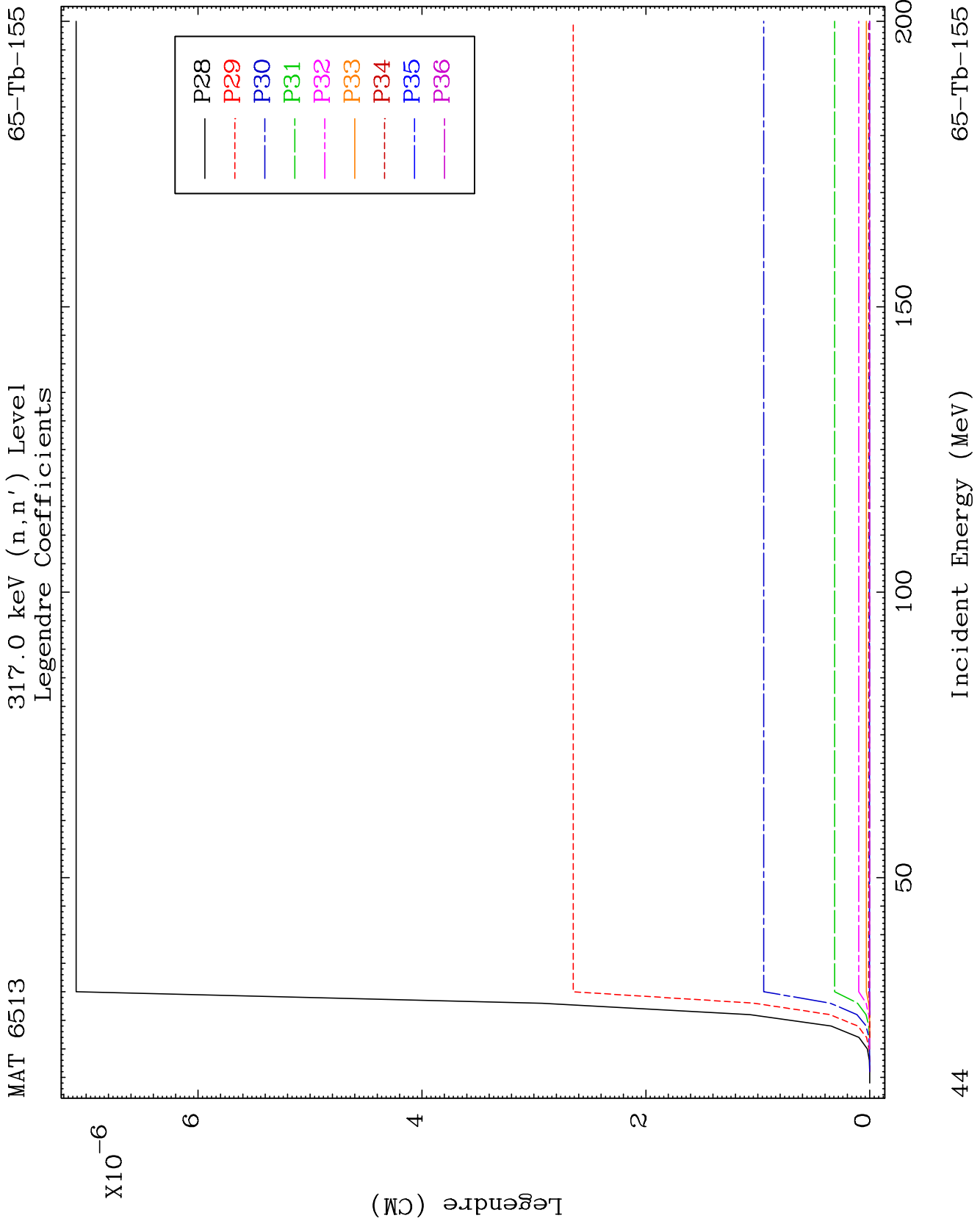


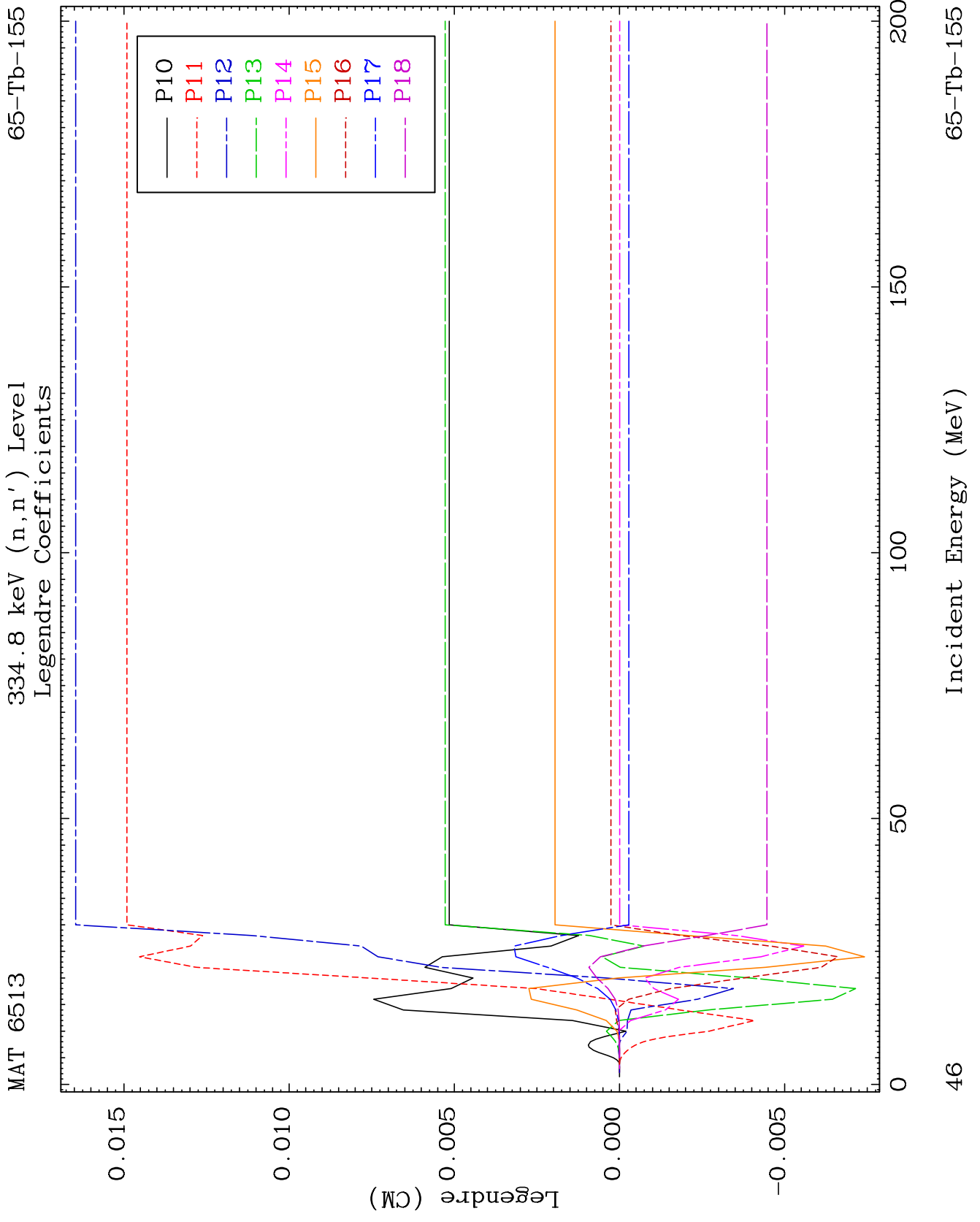
41

Incident Energy (MeV)

65-Tb-155



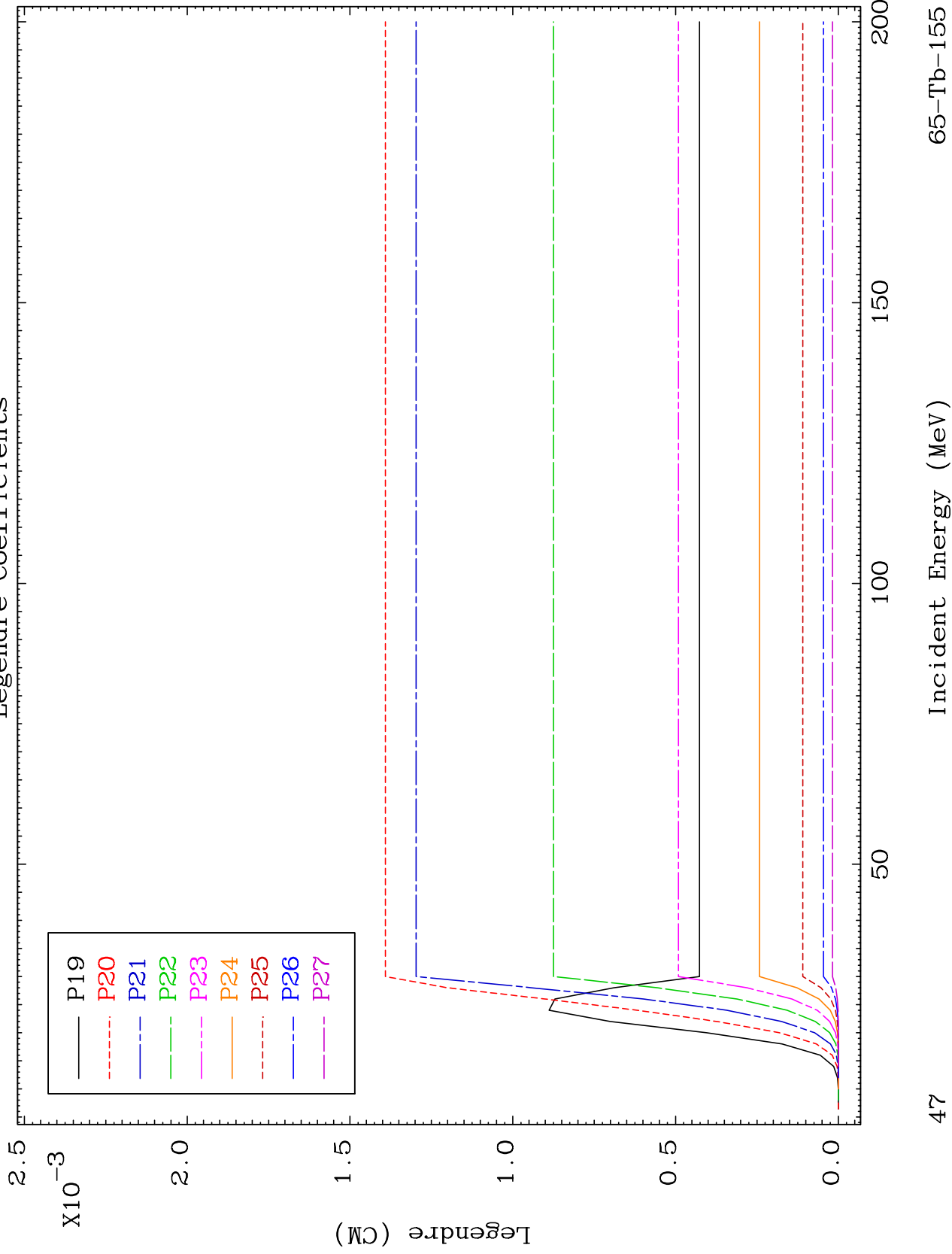


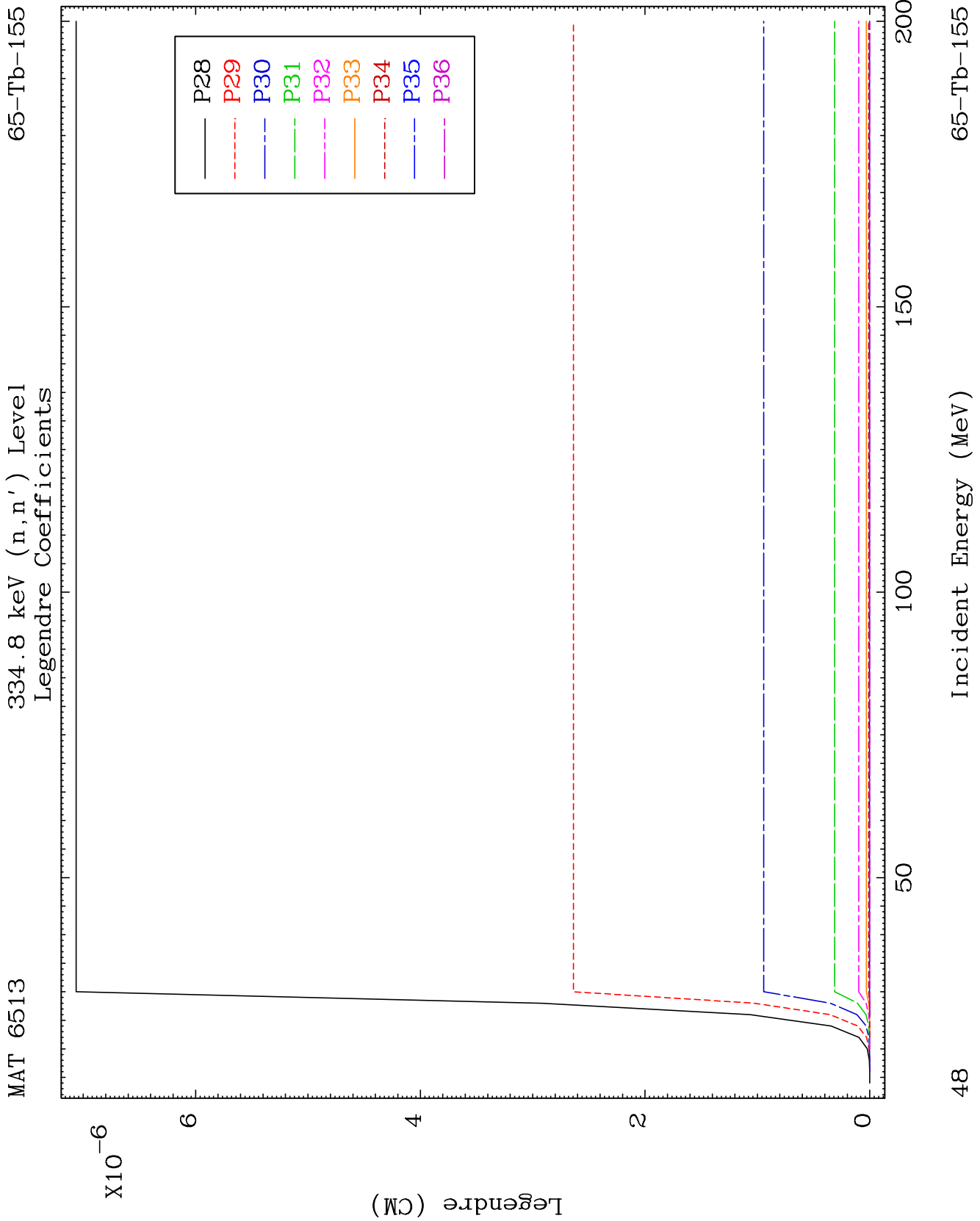


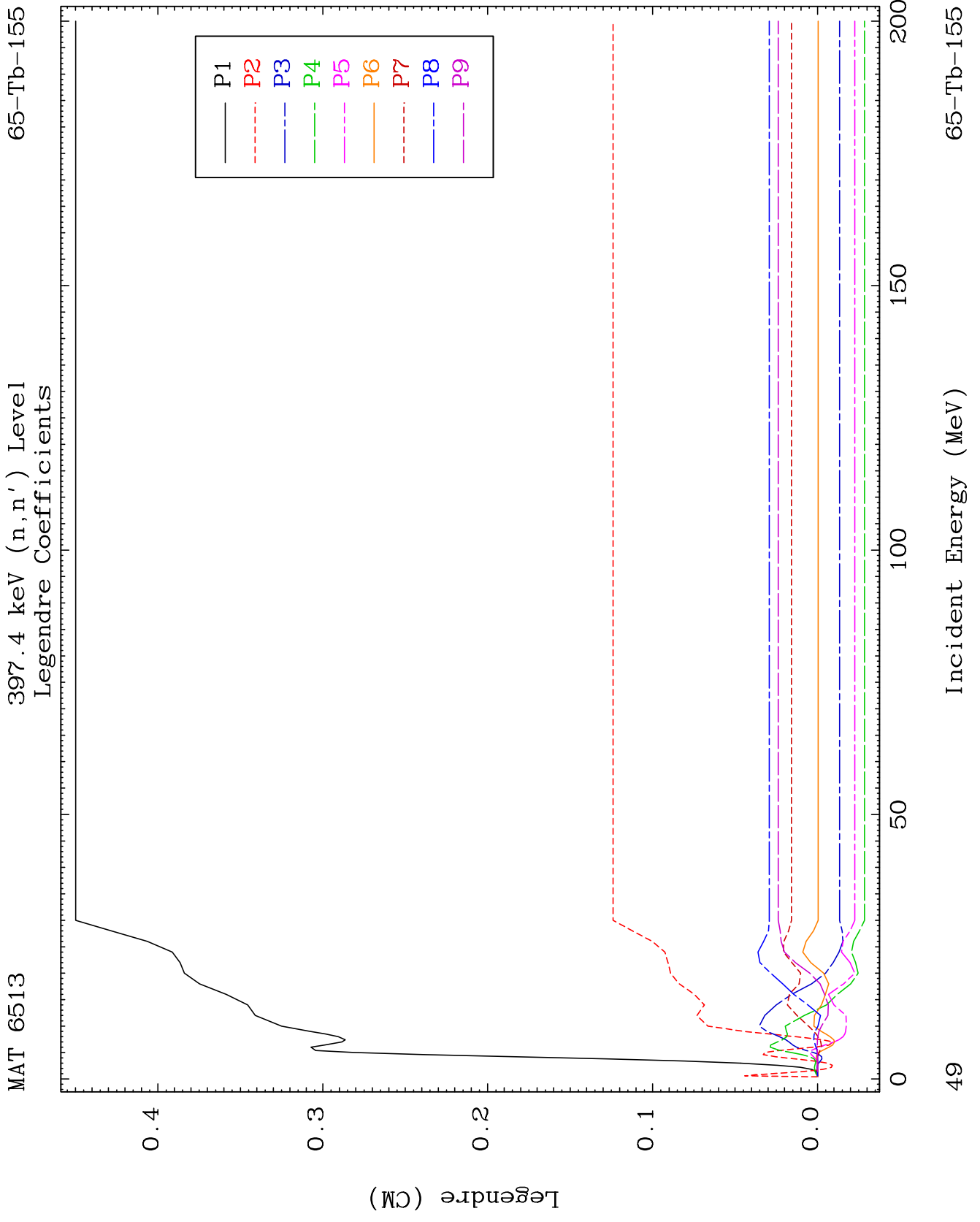
MAT 6513

334.8 keV (n,n') Level
Legendre Coefficients

65-Tb-155



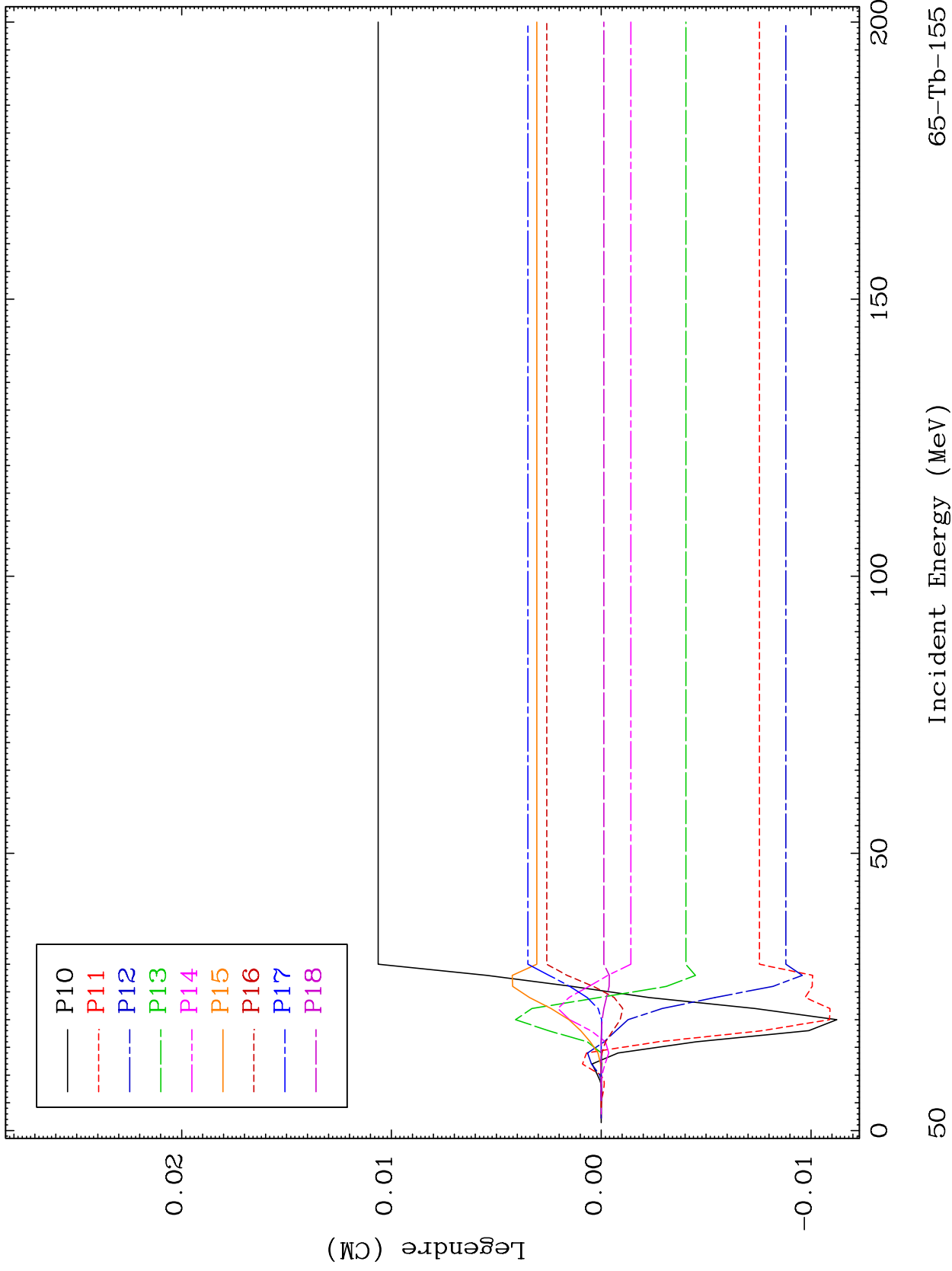




MAT 6513

397.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155



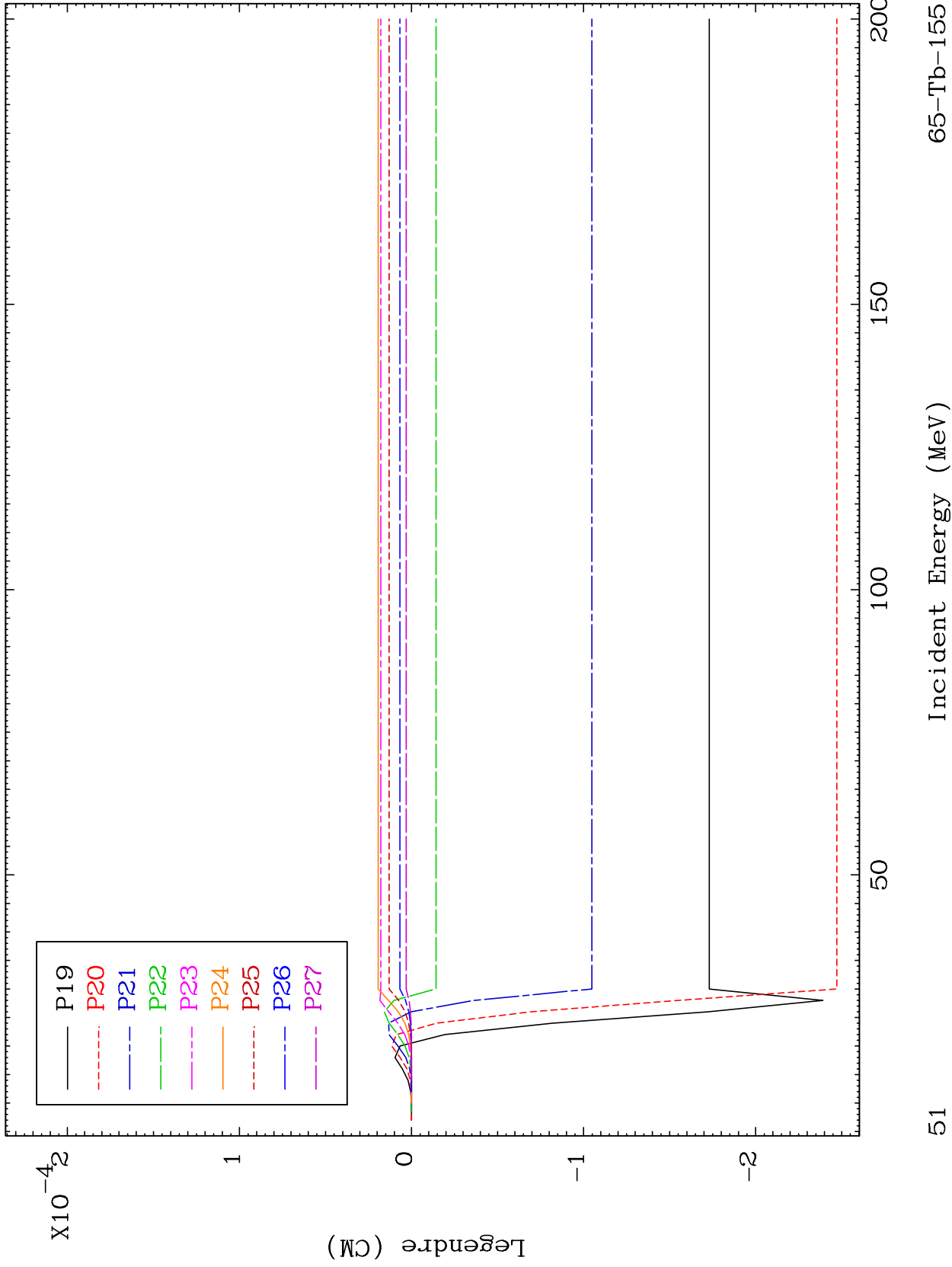
65-Tb-155

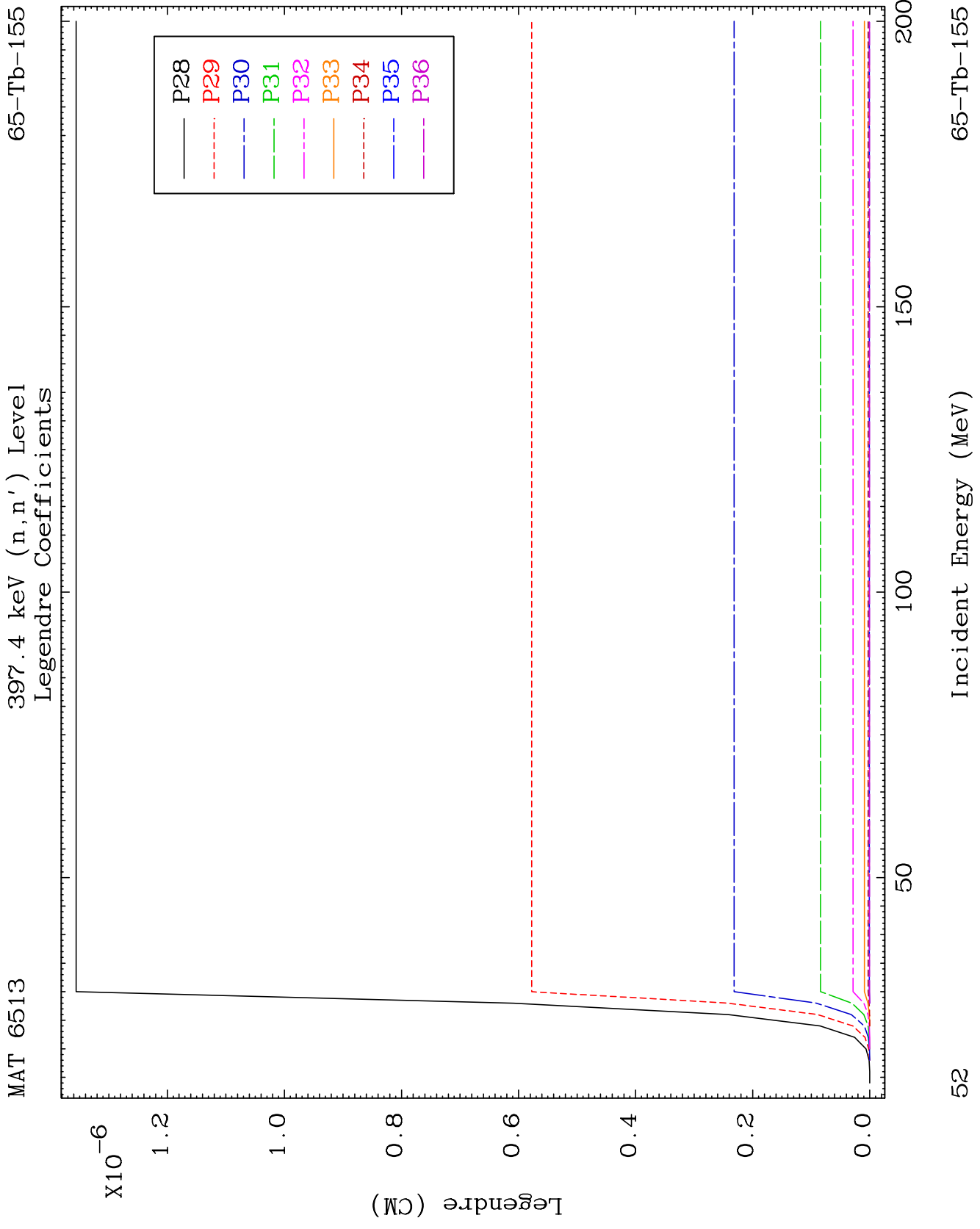
Incident Energy (MeV)

MAT 6513

397.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155

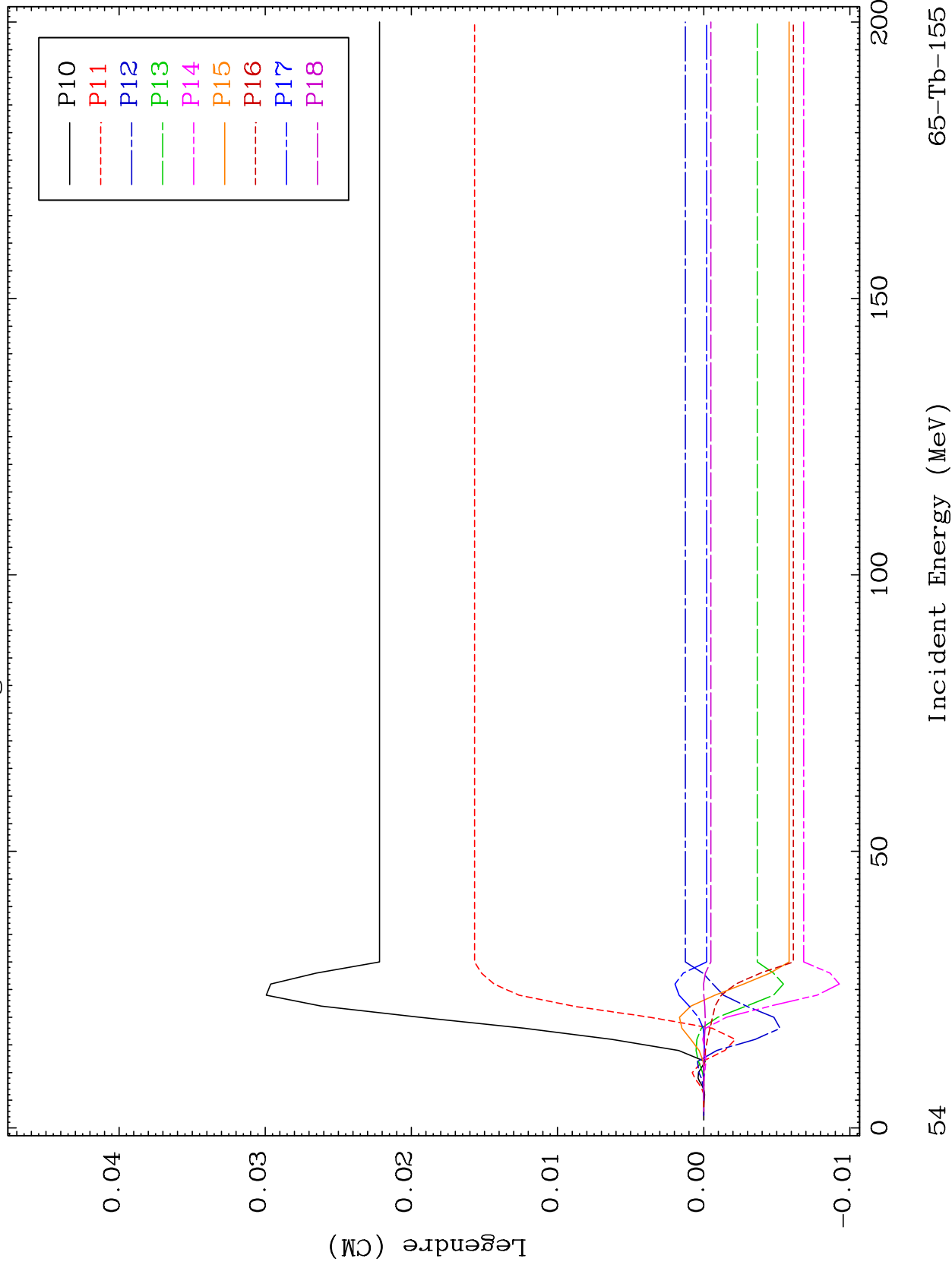




MAT 6513

408.7 keV (n,n') Level
Legendre Coefficients

65-Tb-155



54

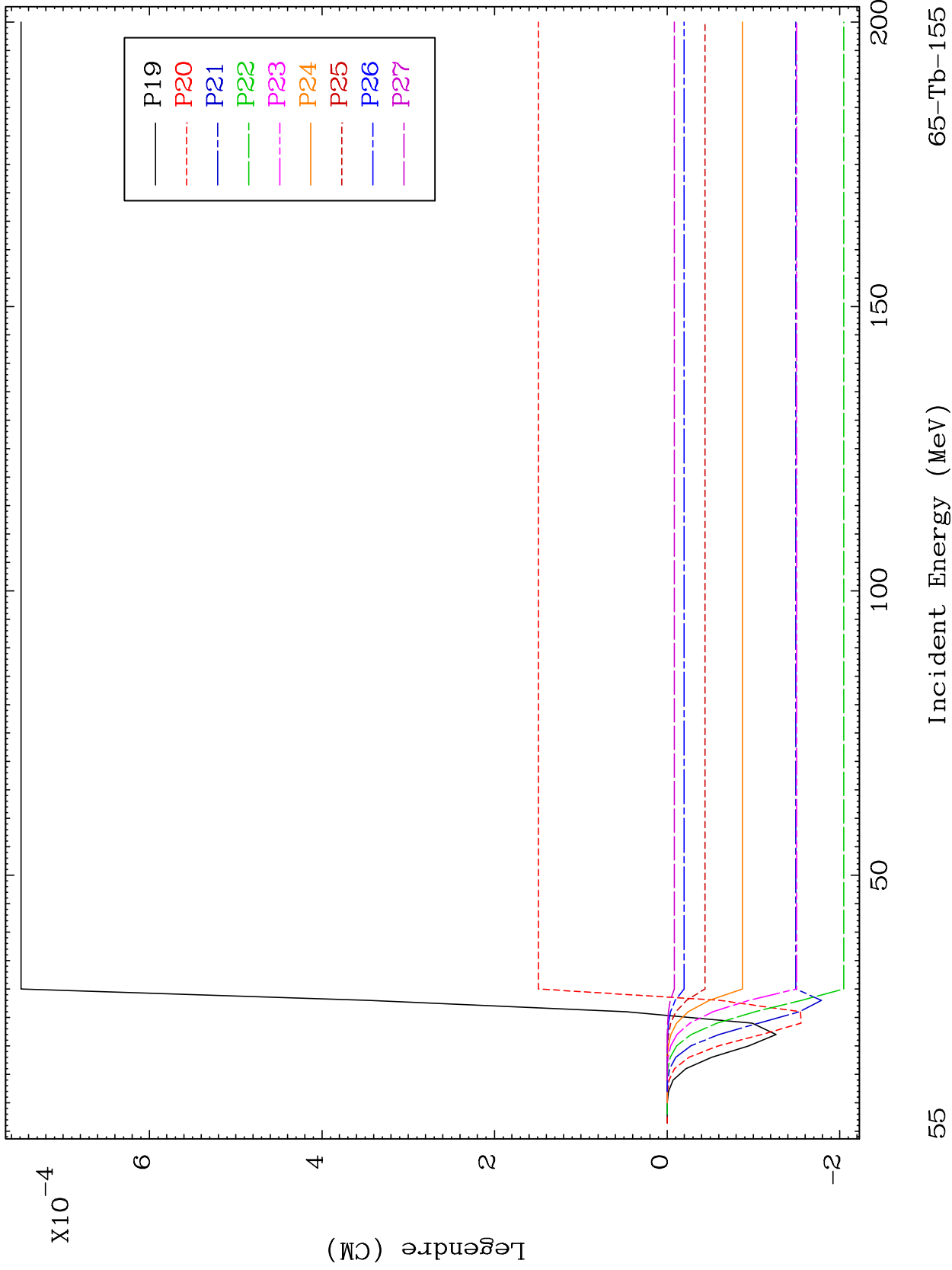
Incident Energy (MeV)

65-Tb-155

MAT 6513

408.7 keV (n,n') Level
Legendre Coefficients

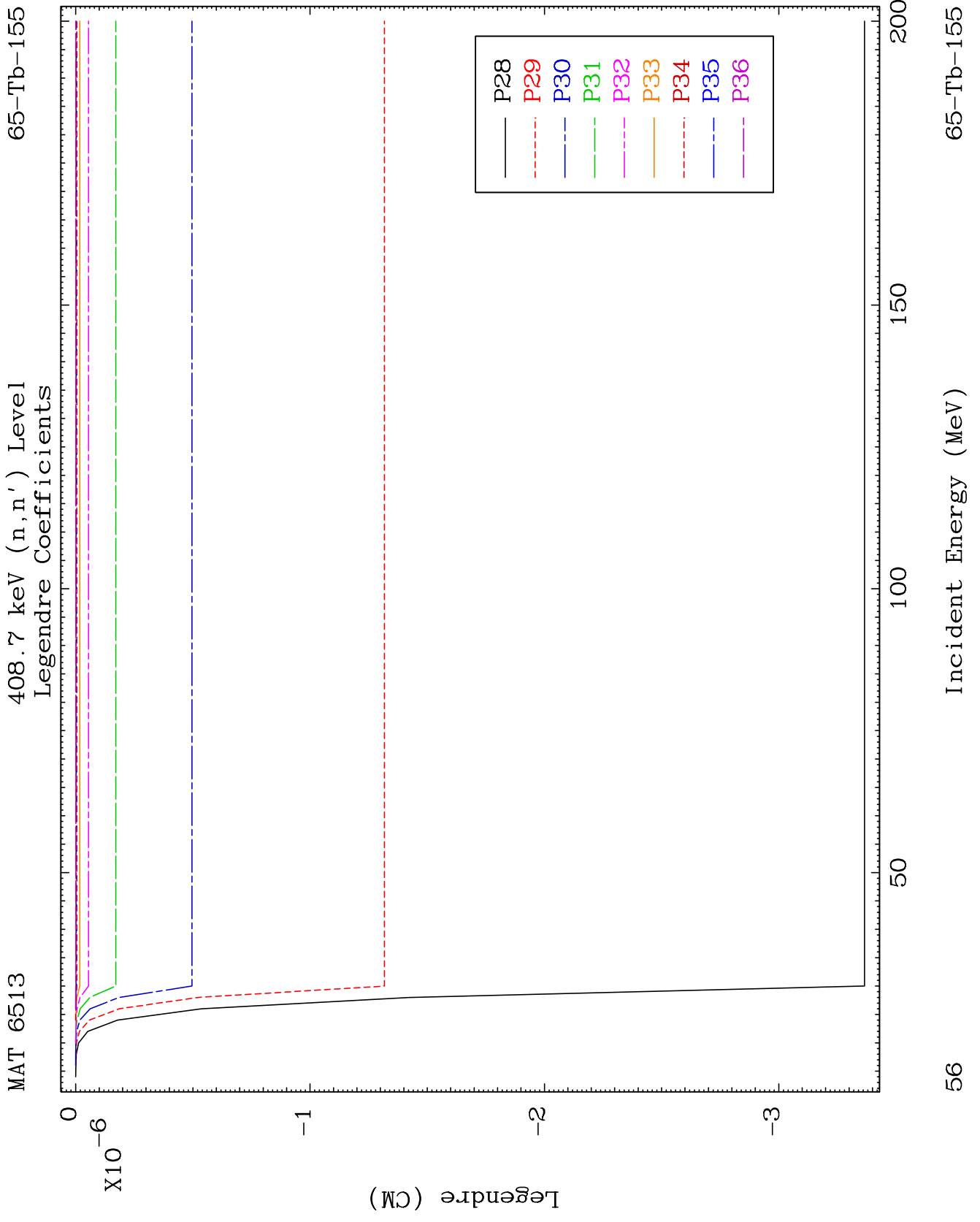
65-Tb-155



55

Incident Energy (MeV)

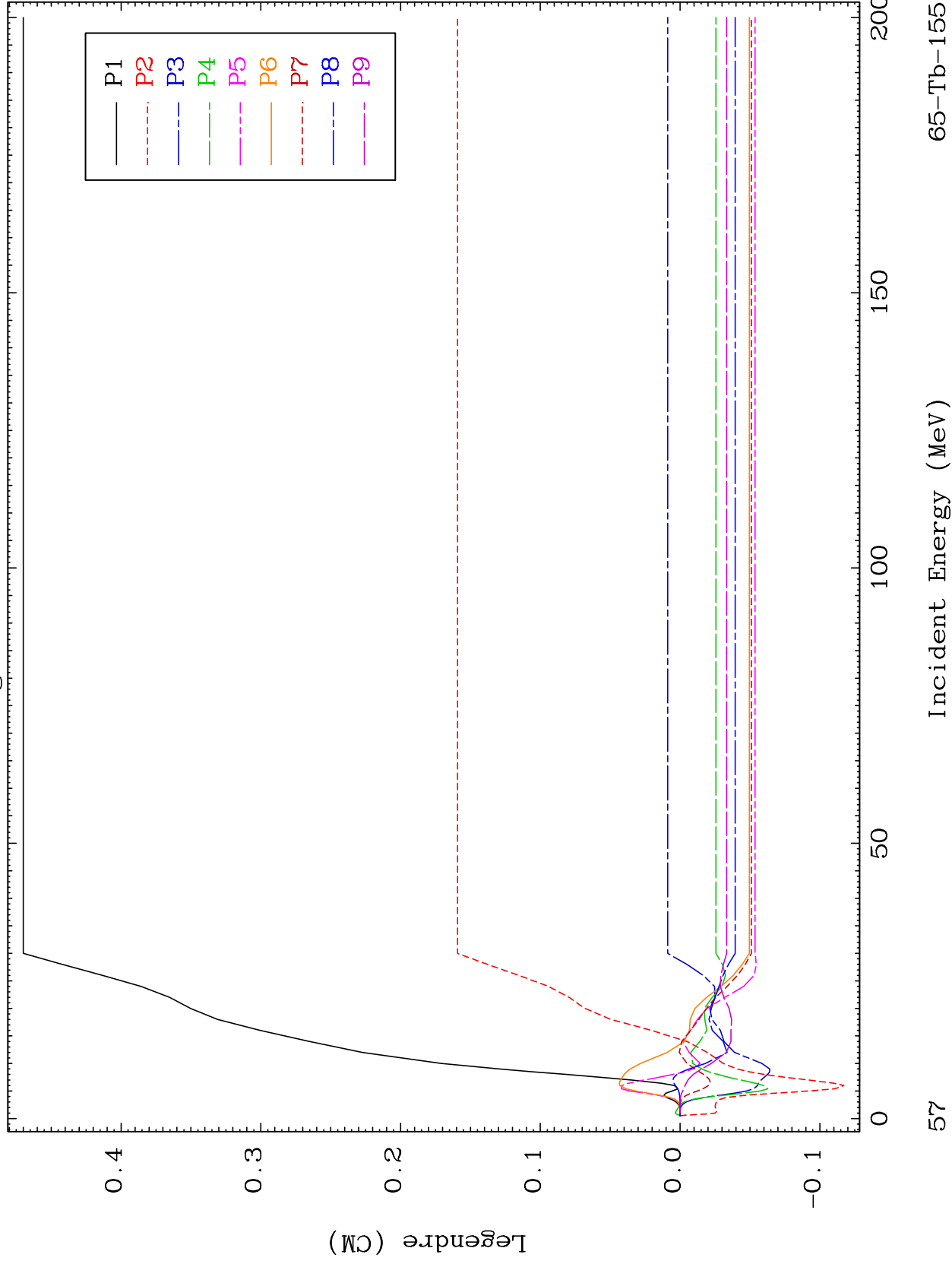
65-Tb-155



MAT 6513

452.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155



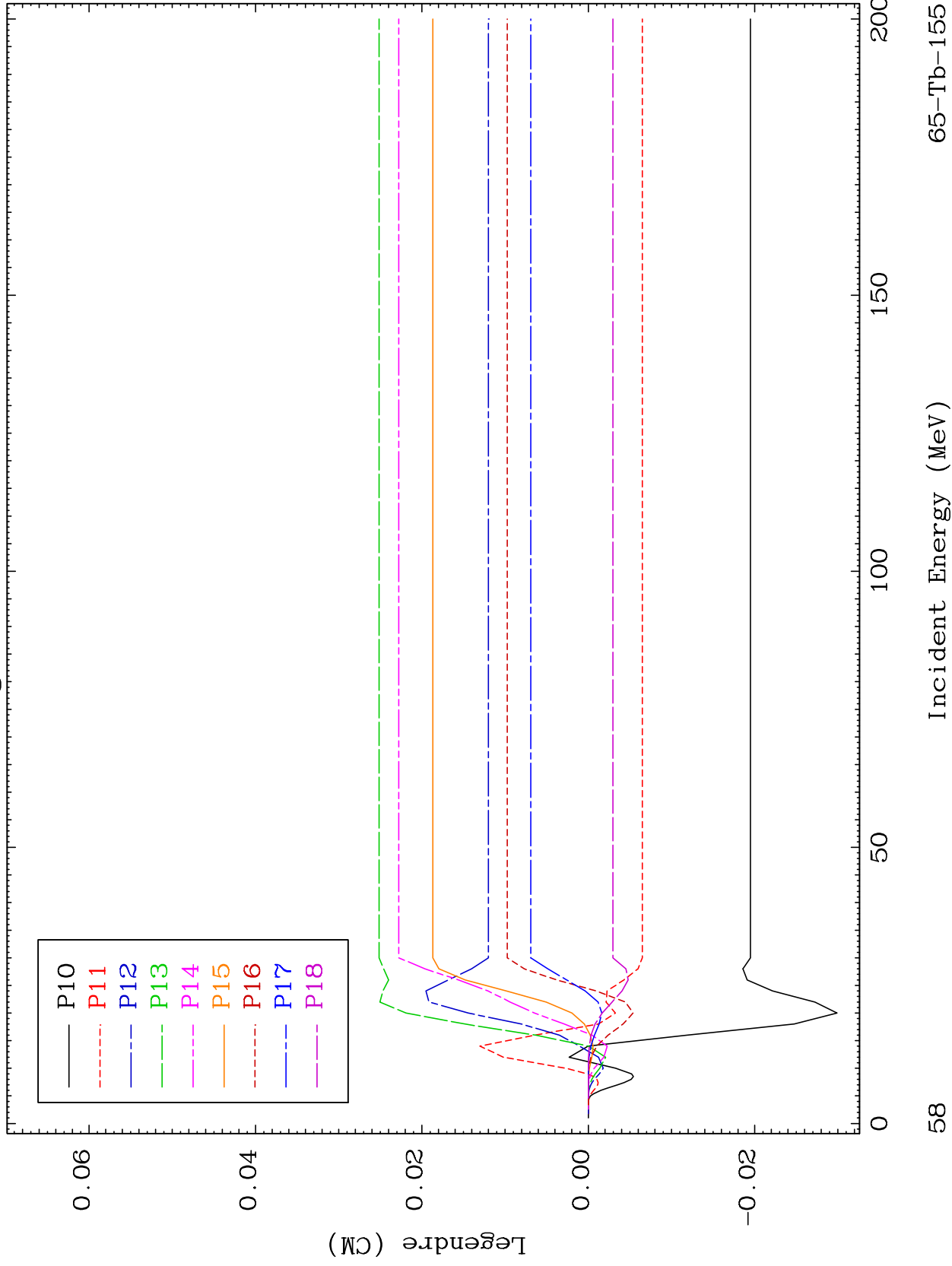
57

65-Tb-155

MAT 6513

452.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155



65-Tb-155

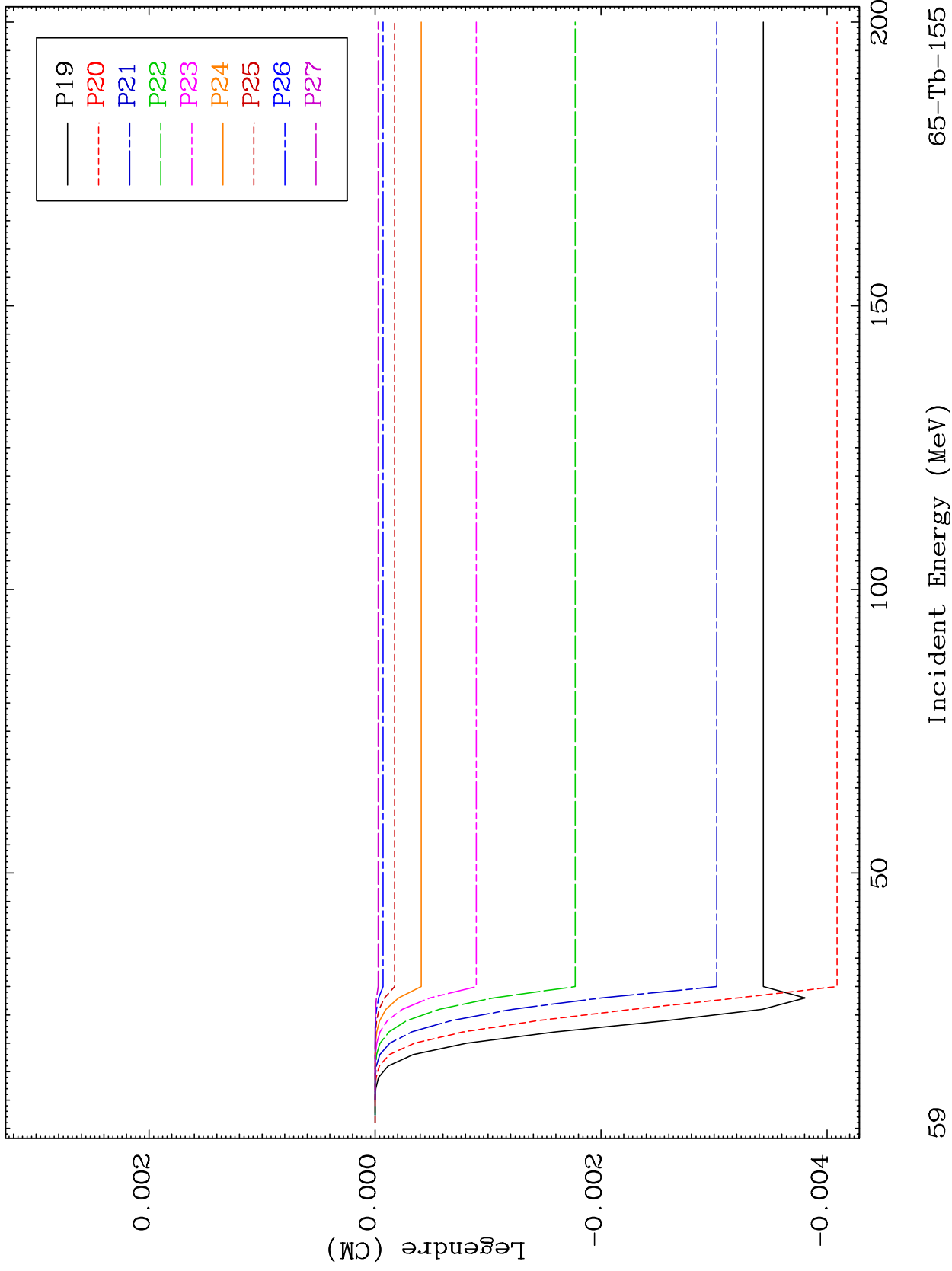
Incident Energy (MeV)

58

MAT 6513

452.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155



59

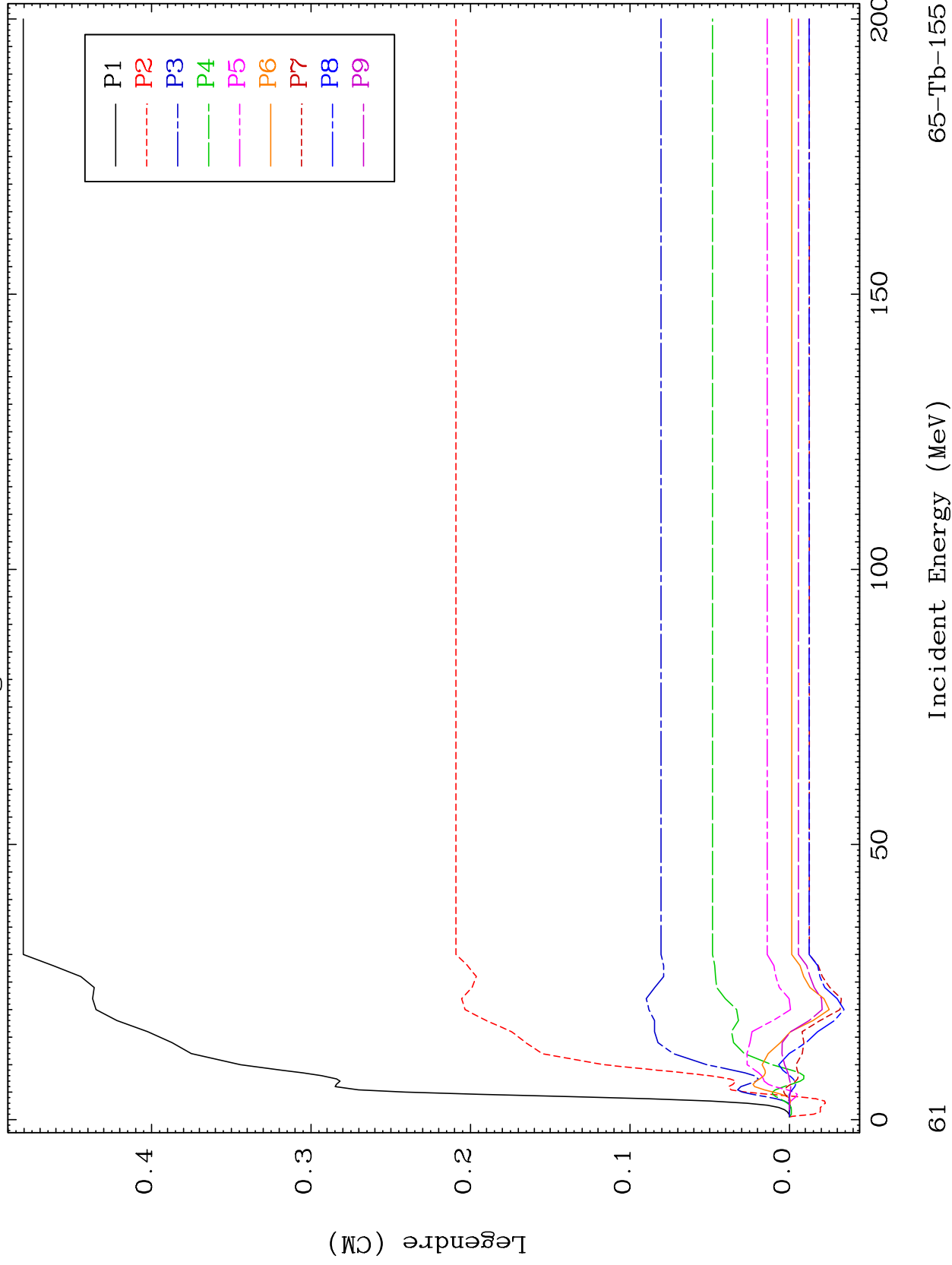
Incident Energy (MeV)

65-Tb-155

MAT 6513

466.8 keV (n,n') Level
Legendre Coefficients

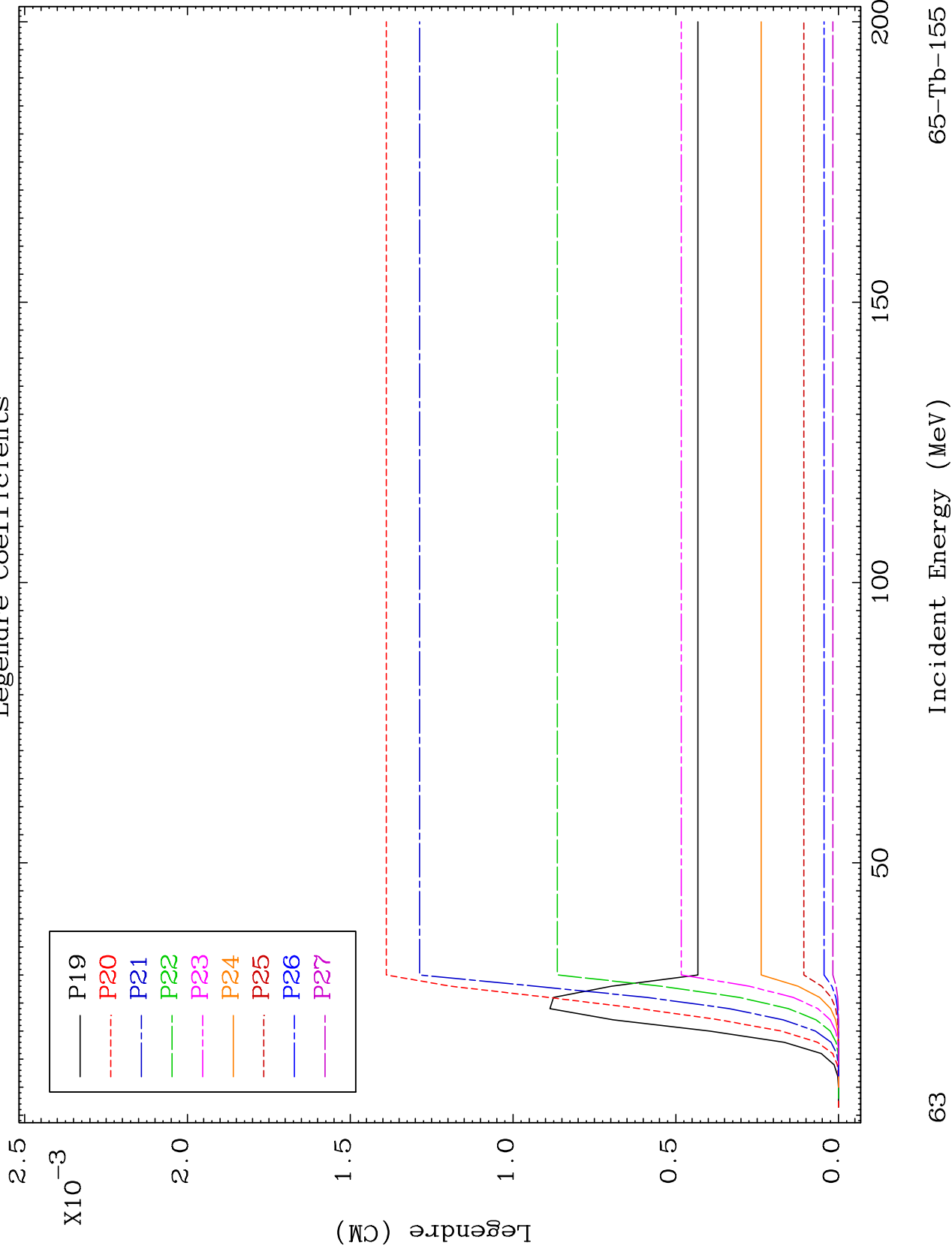
65-Tb-155



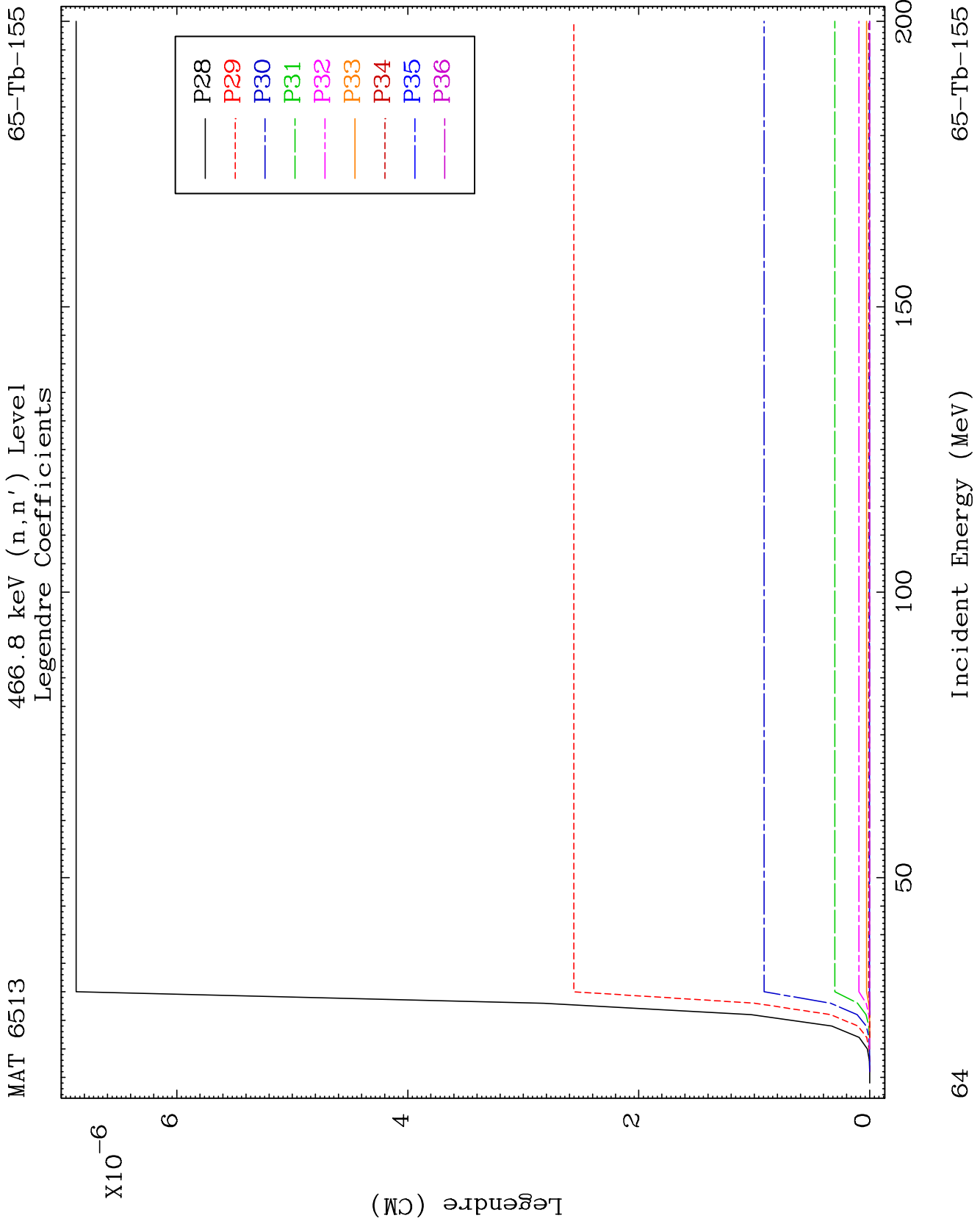
MAT 6513

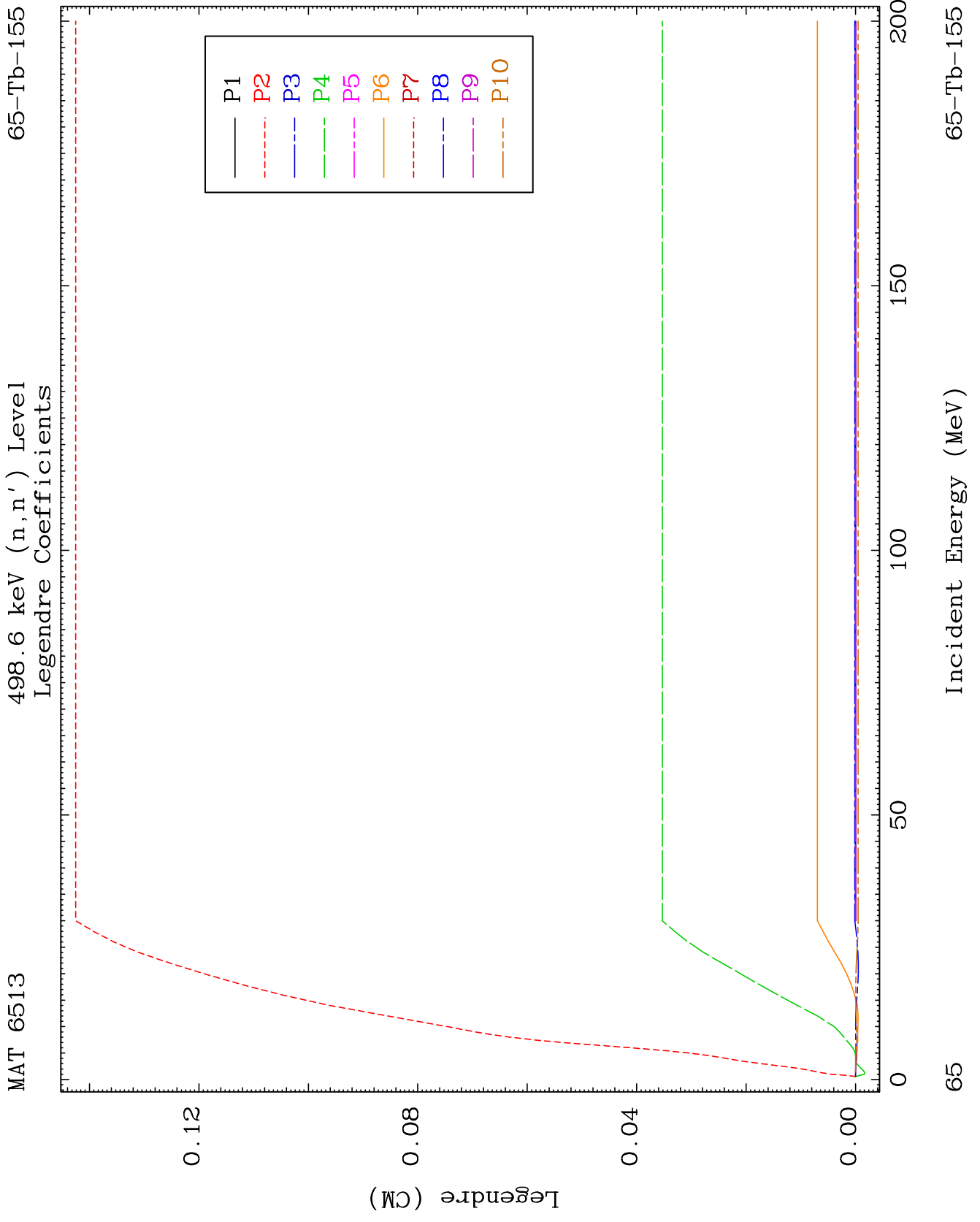
466.8 keV (n, n') Level
Legendre Coefficients

65-Tb-155



63

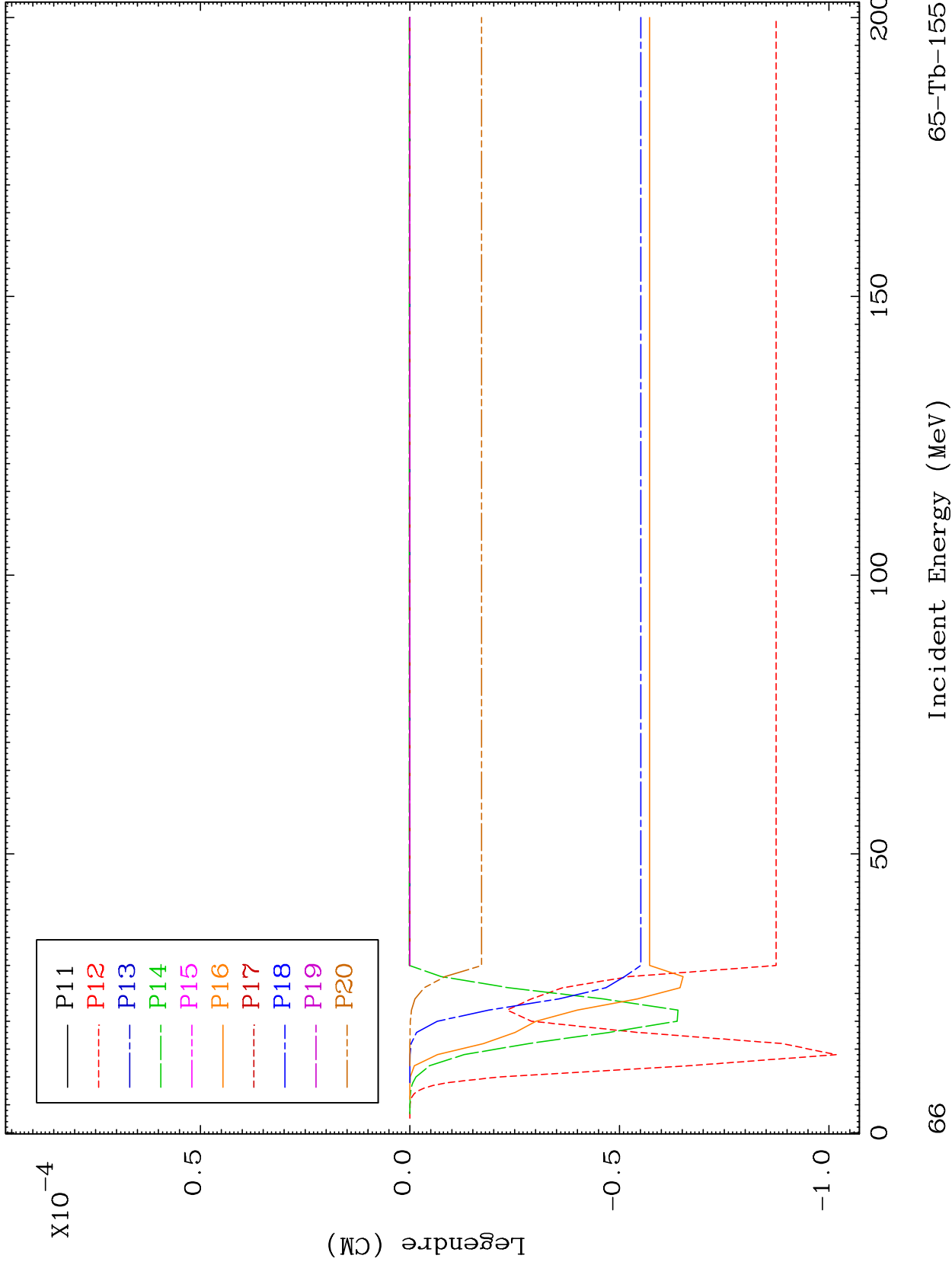




MAT 6513

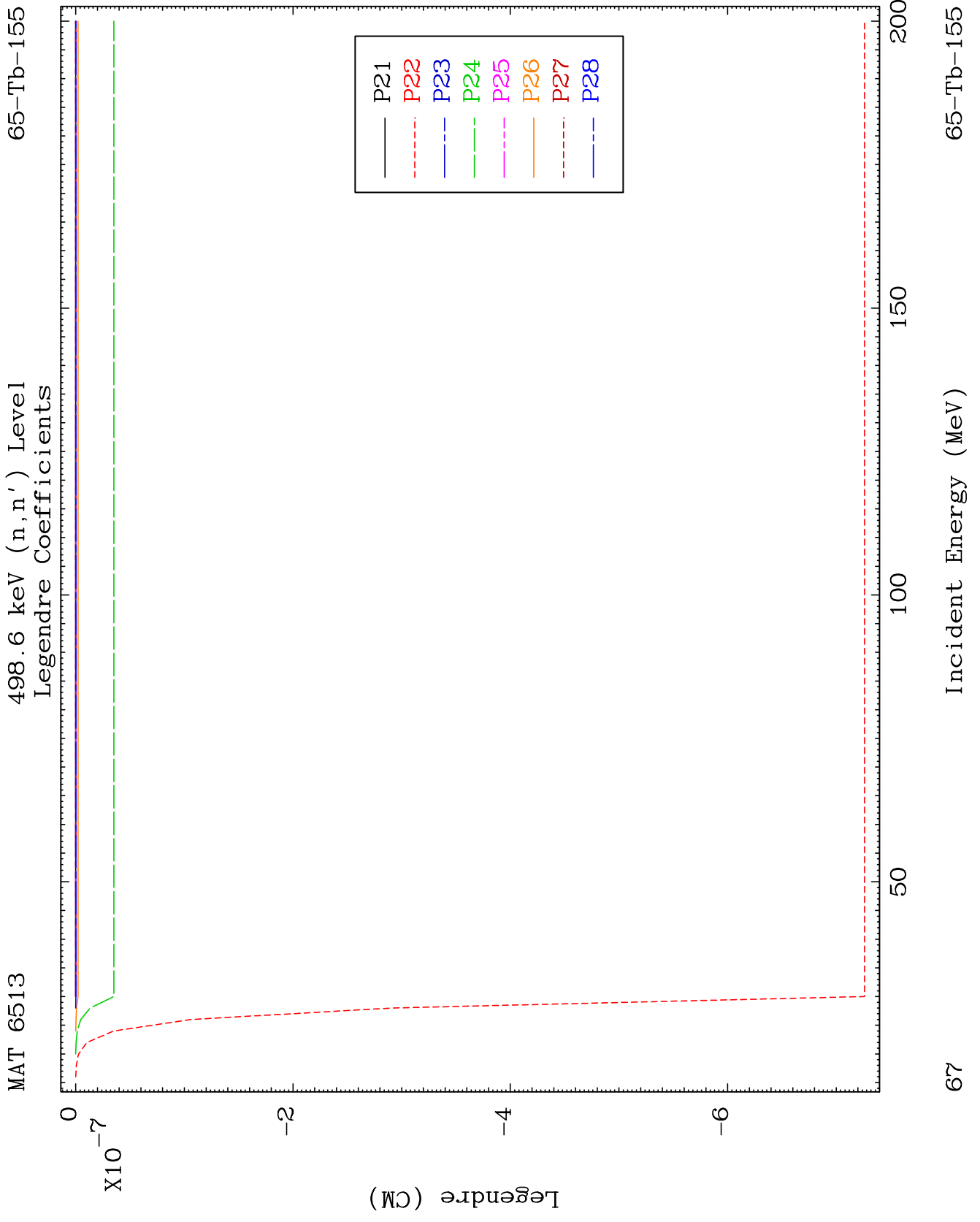
498.6 keV (n,n') Level
Legendre Coefficients

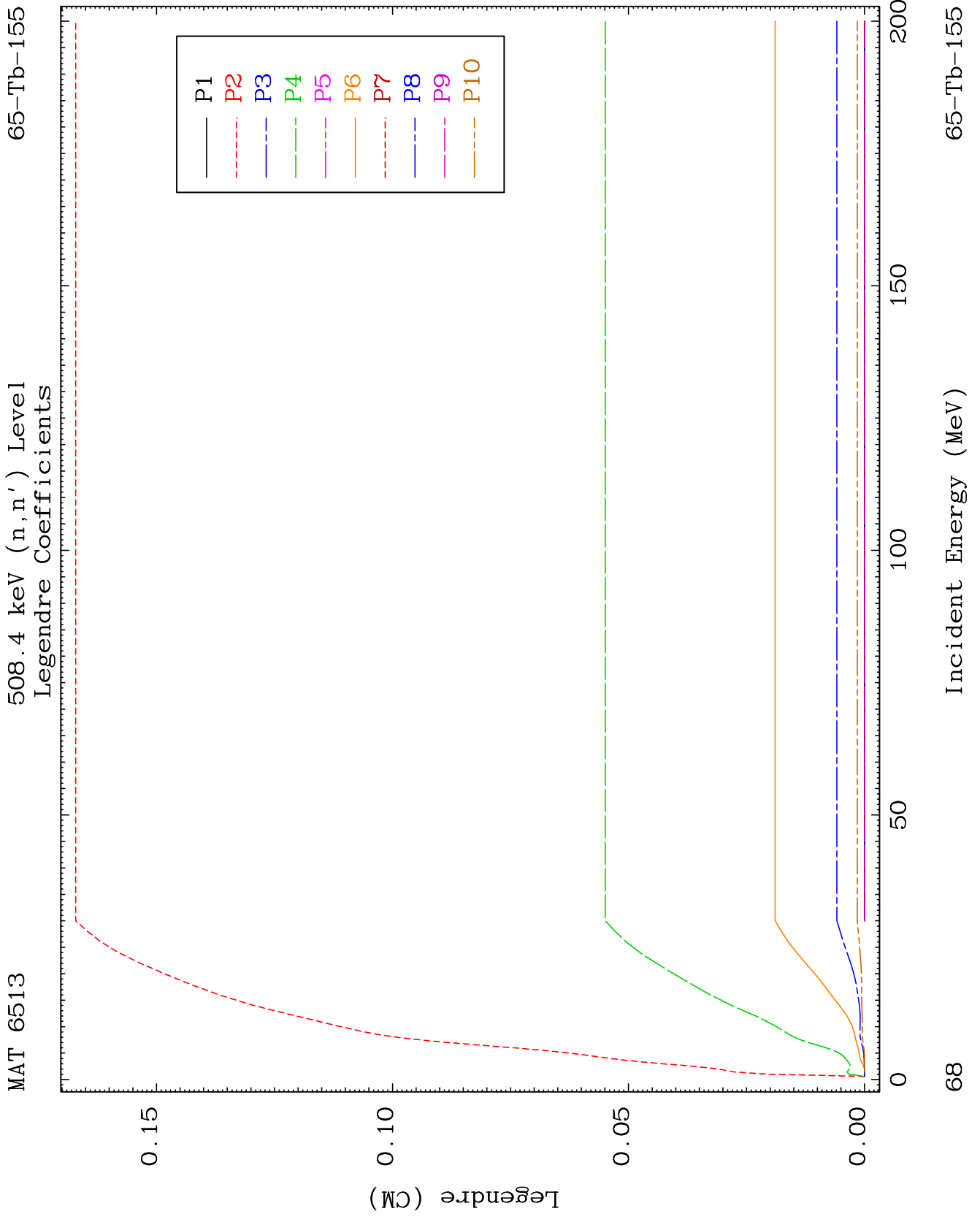
65-Tb-155



66

65-Tb-155

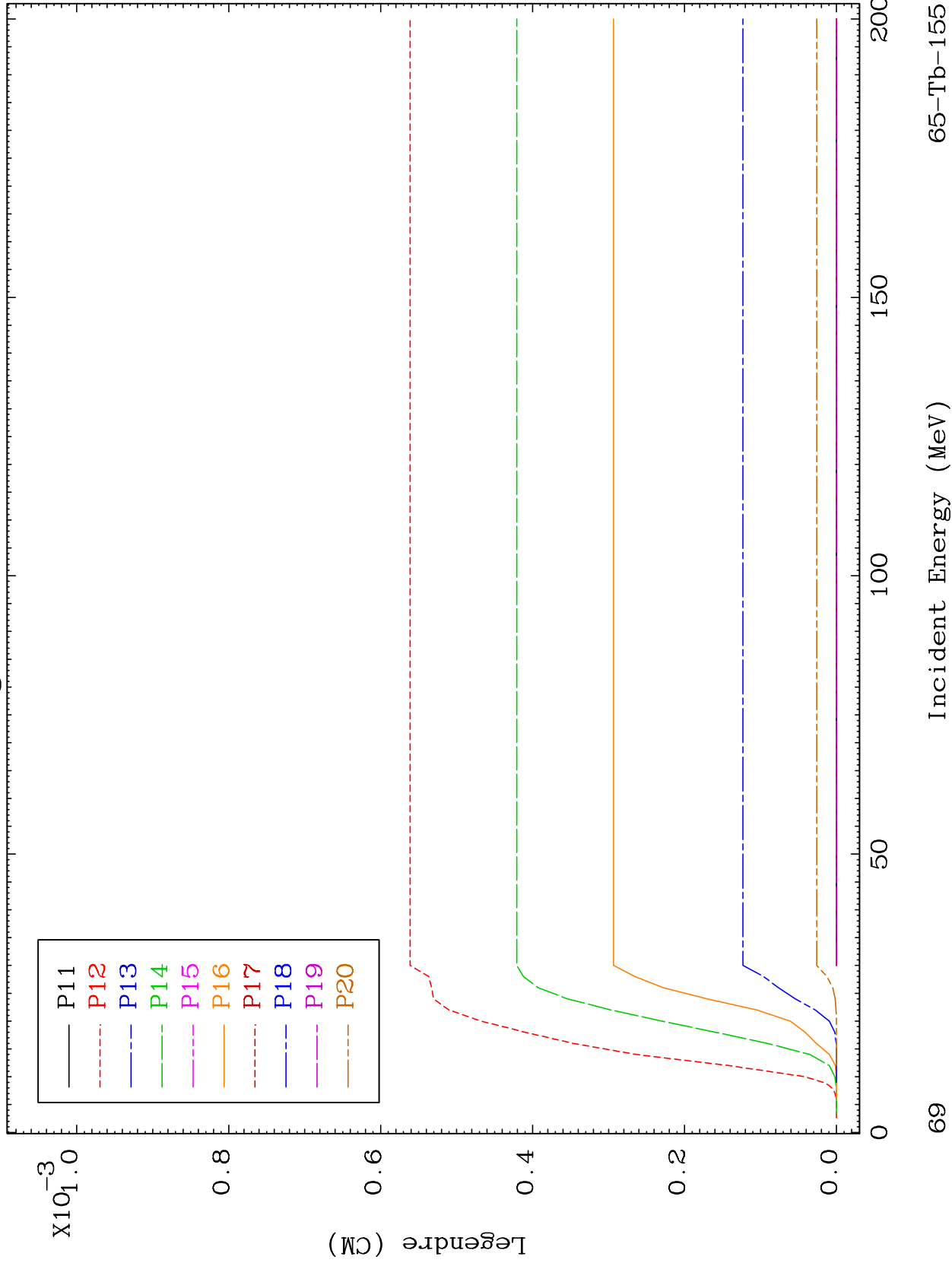


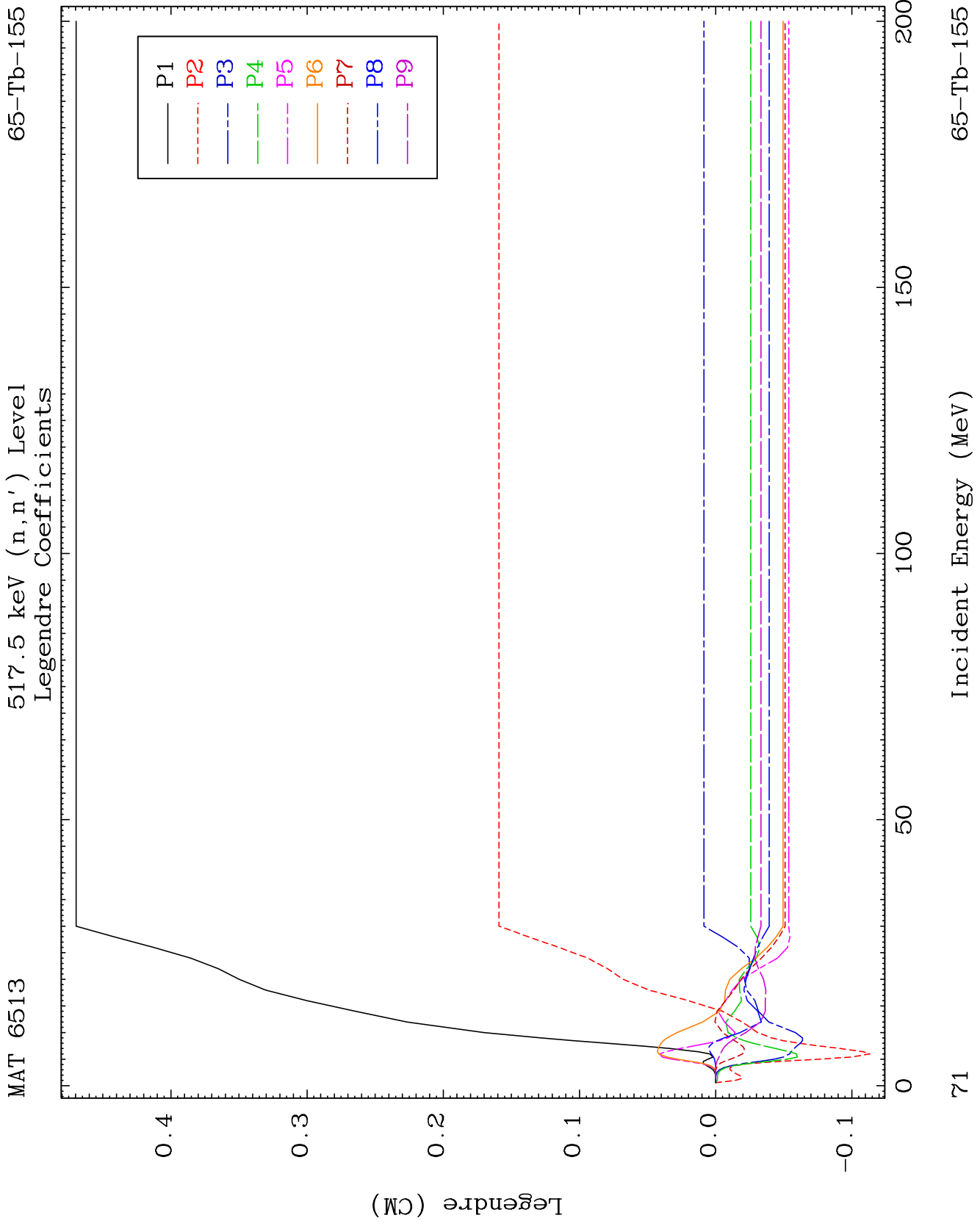


MAT 6513

508.4 keV (n,n') Level
Legendre Coefficients

65-Tb-155

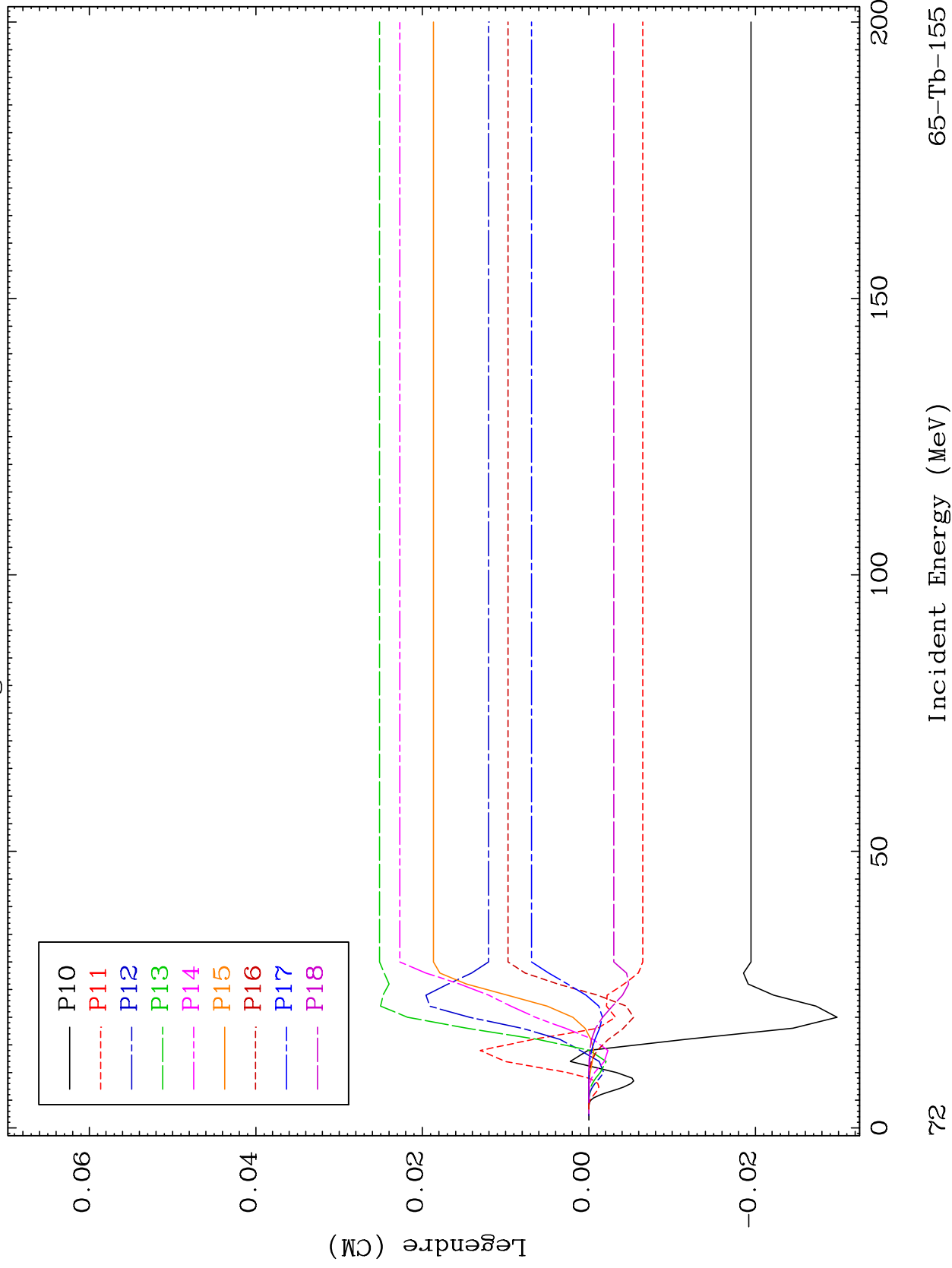




MAT 6513

517.5 keV (n,n') Level
Legendre Coefficients

65-Tb-155



72

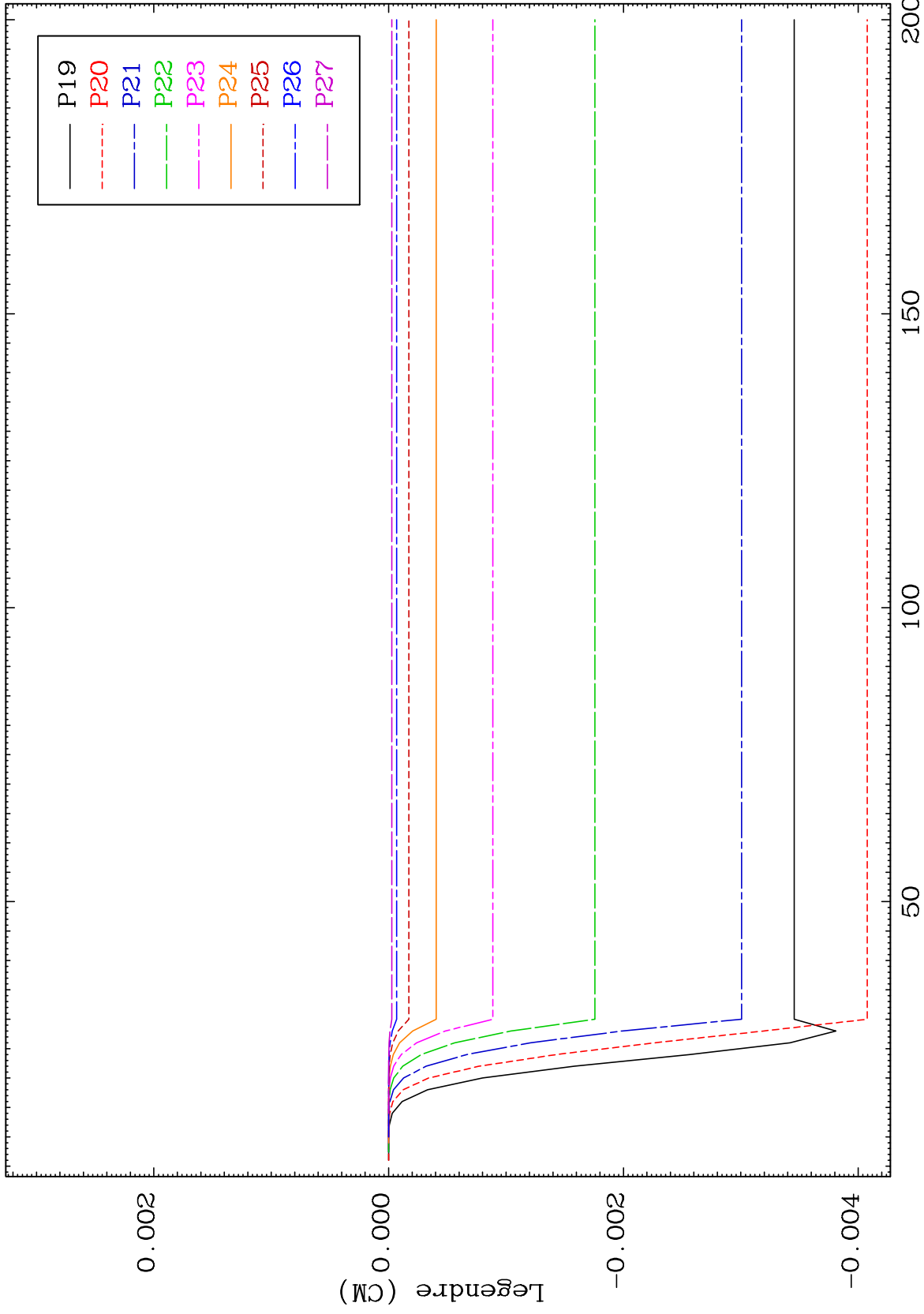
Incident Energy (MeV)

65-Tb-155

MAT 6513

517.5 keV (n,n') Level
Legendre Coefficients

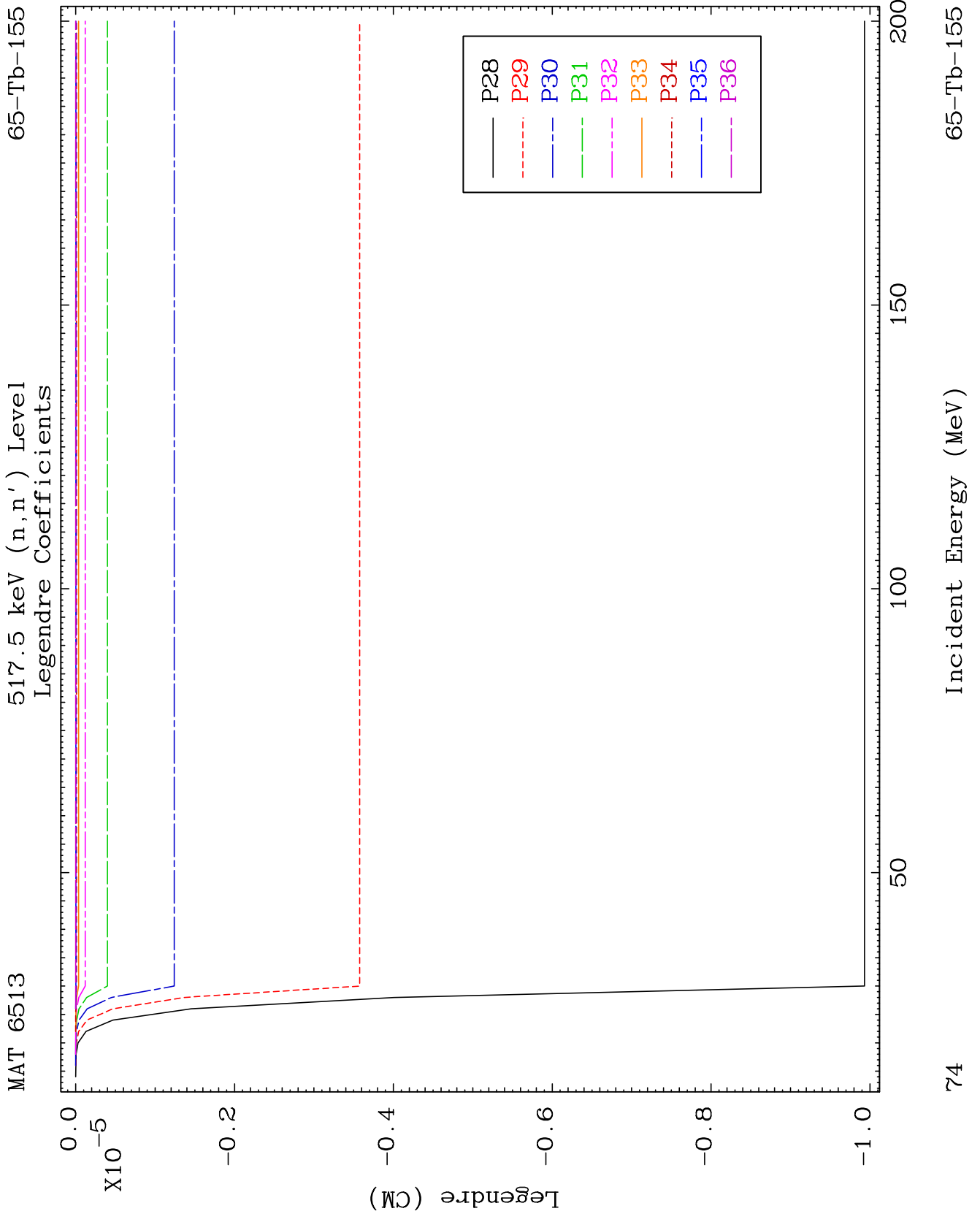
65-Tb-155



73

Incident Energy (MeV)

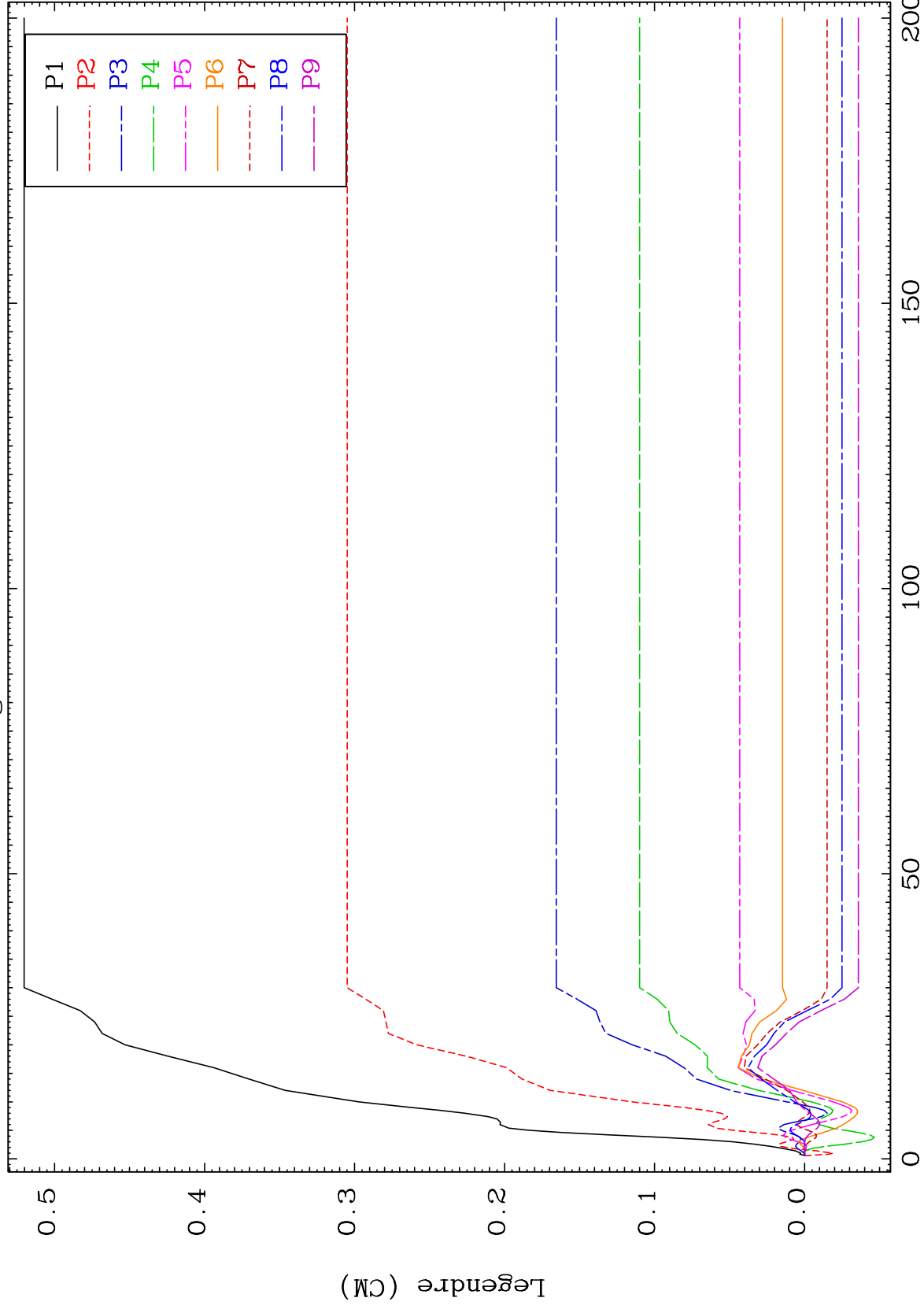
65-Tb-155



MAT 6513

544.9 keV (n,n') Level
Legendre Coefficients

65-Tb-155



75

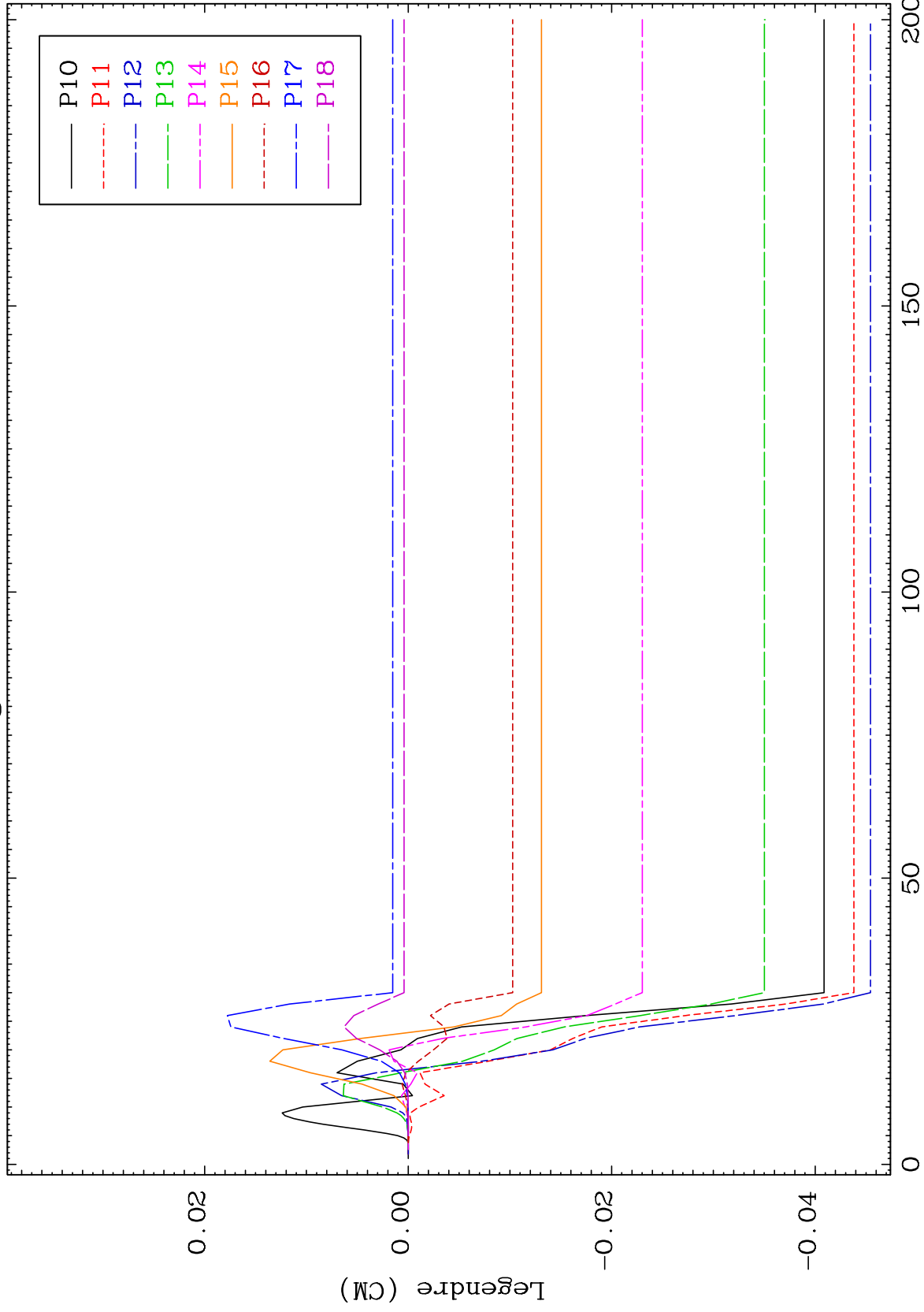
Incident Energy (MeV)

65-Tb-155

MAT 6513

544.9 keV (n,n') Level
Legendre Coefficients

65-Tb-155



76

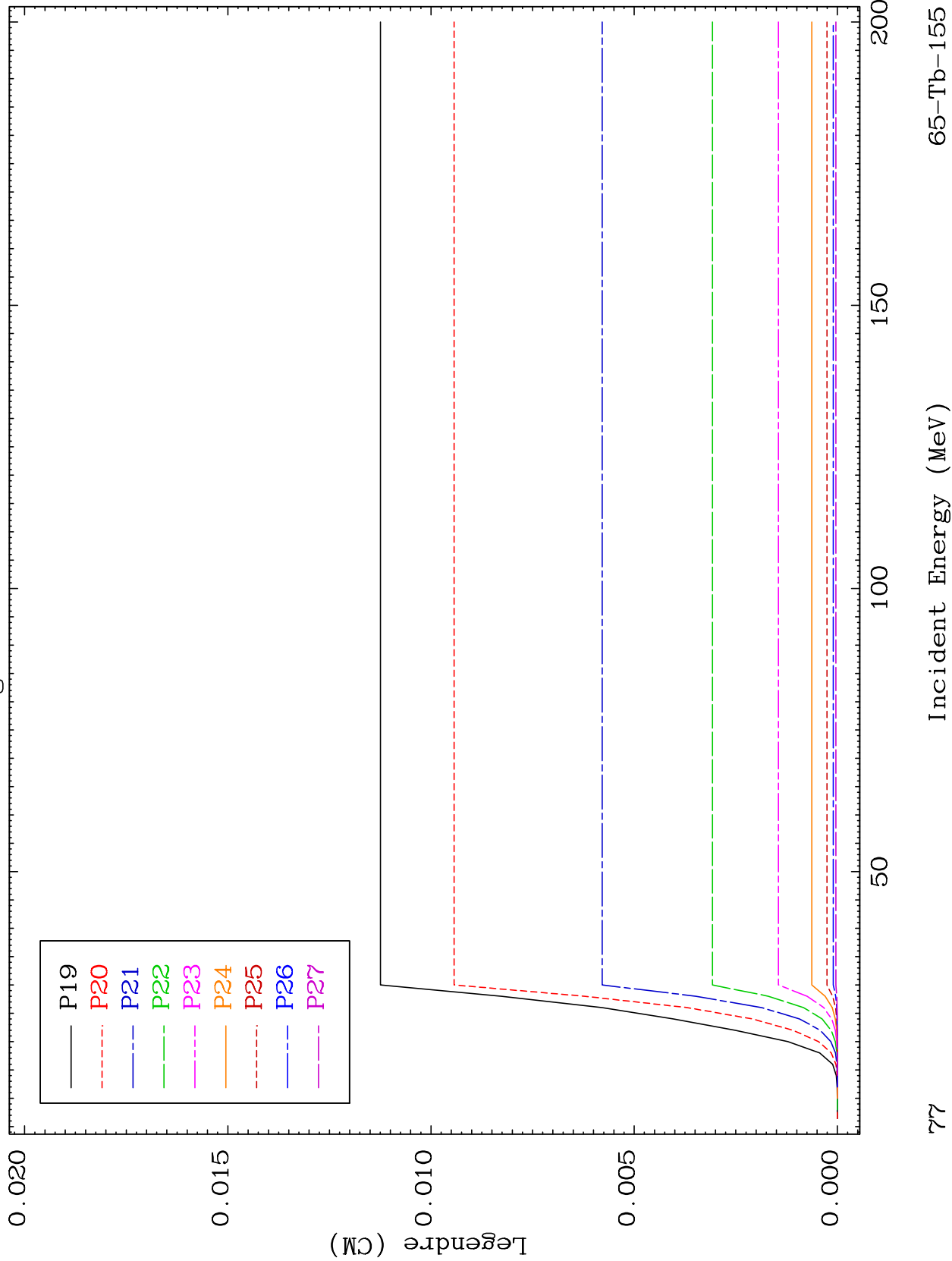
Incident Energy (MeV)

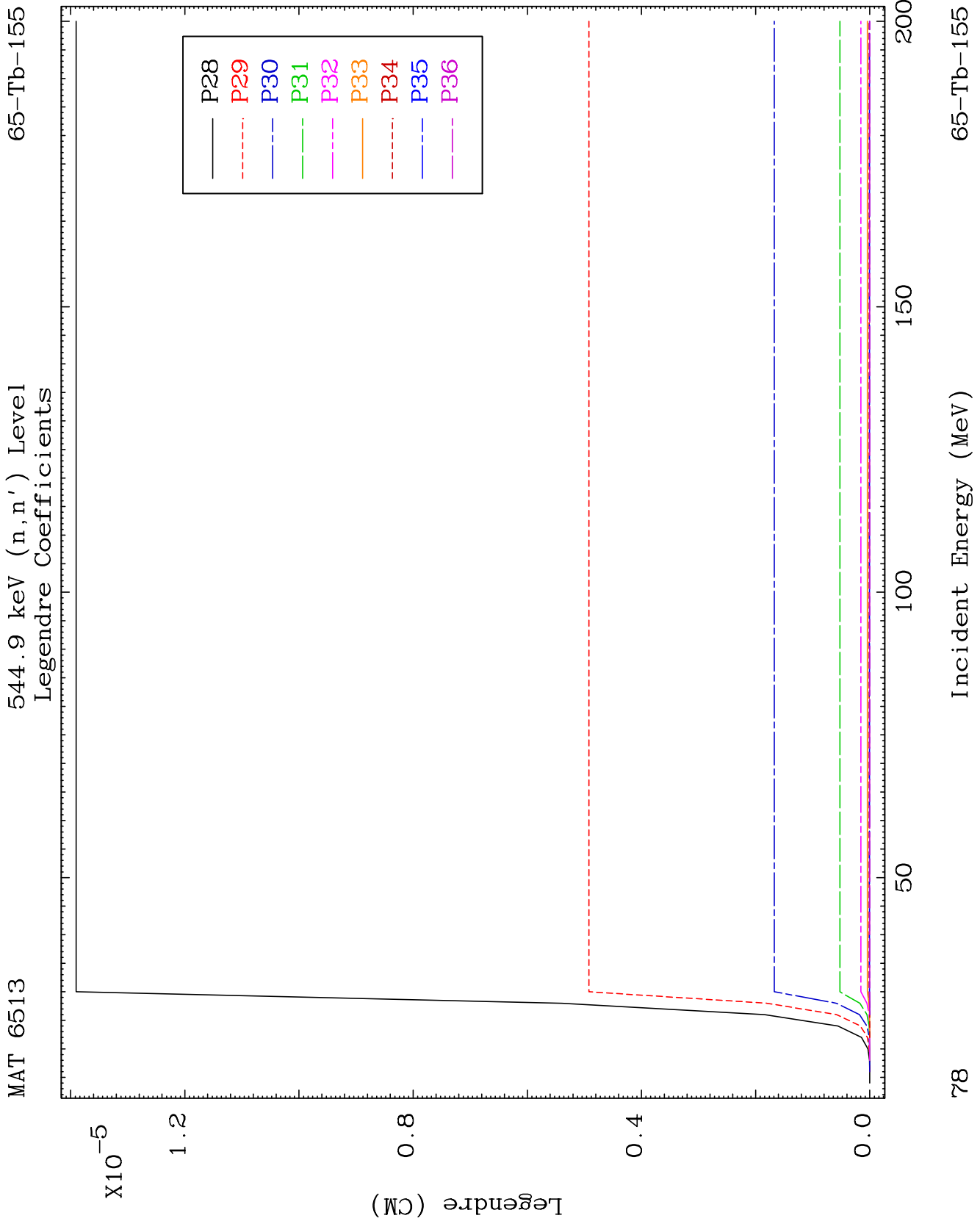
65-Tb-155

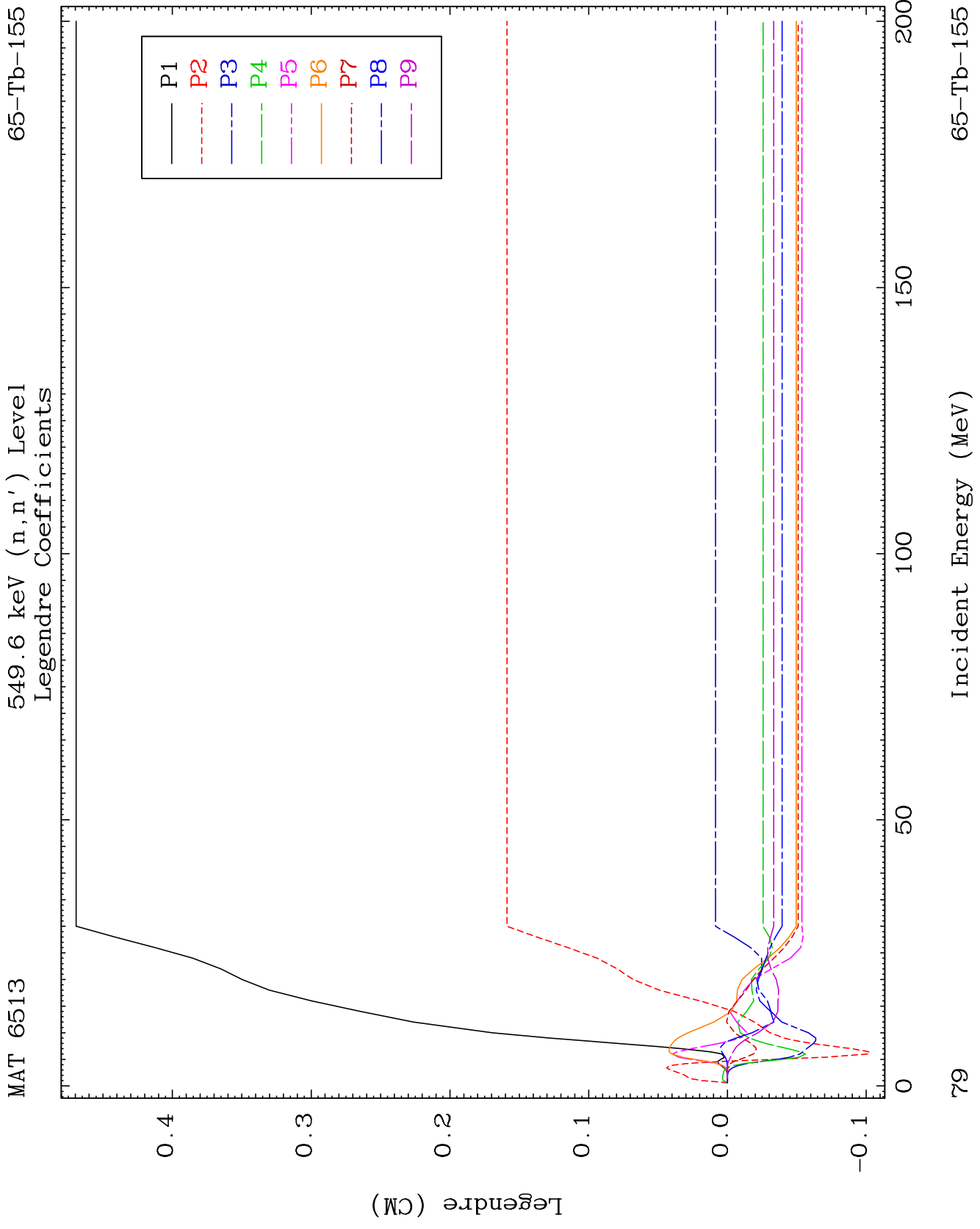
MAT 6513

544.9 keV (n, n') Level
Legendre Coefficients

65-Tb-155



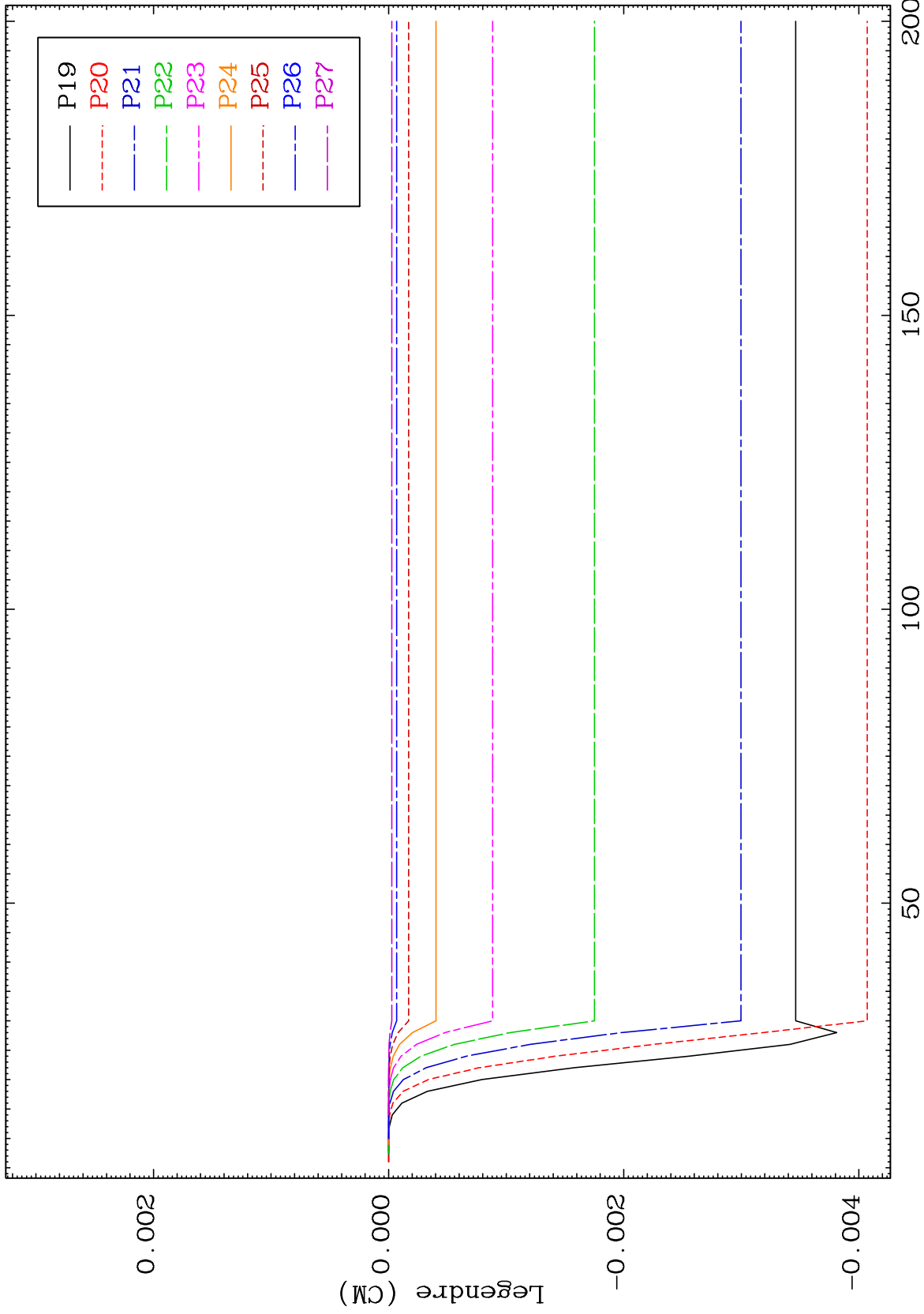




MAT 6513

549.6 keV (n,n') Level
Legendre Coefficients

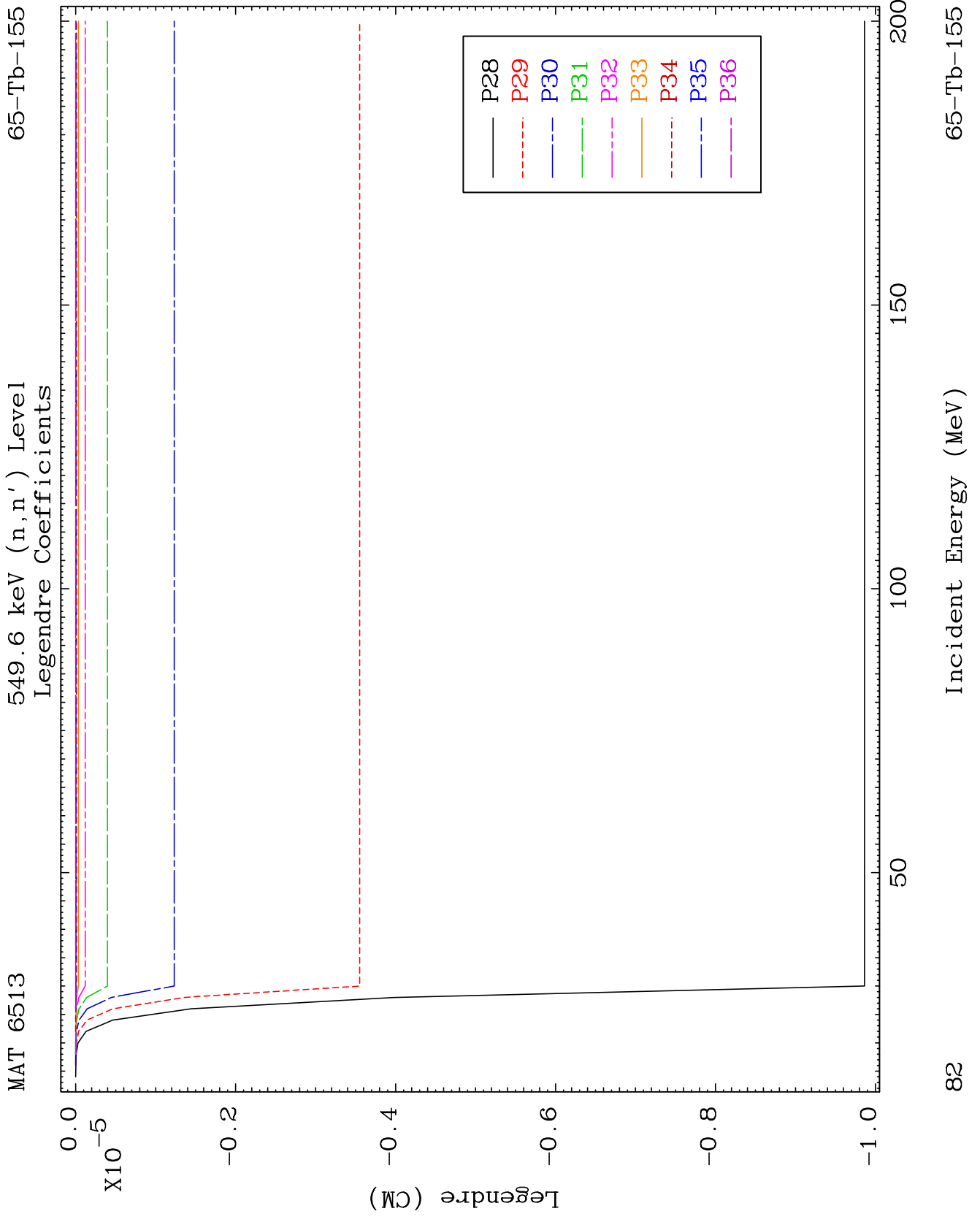
65-Tb-155

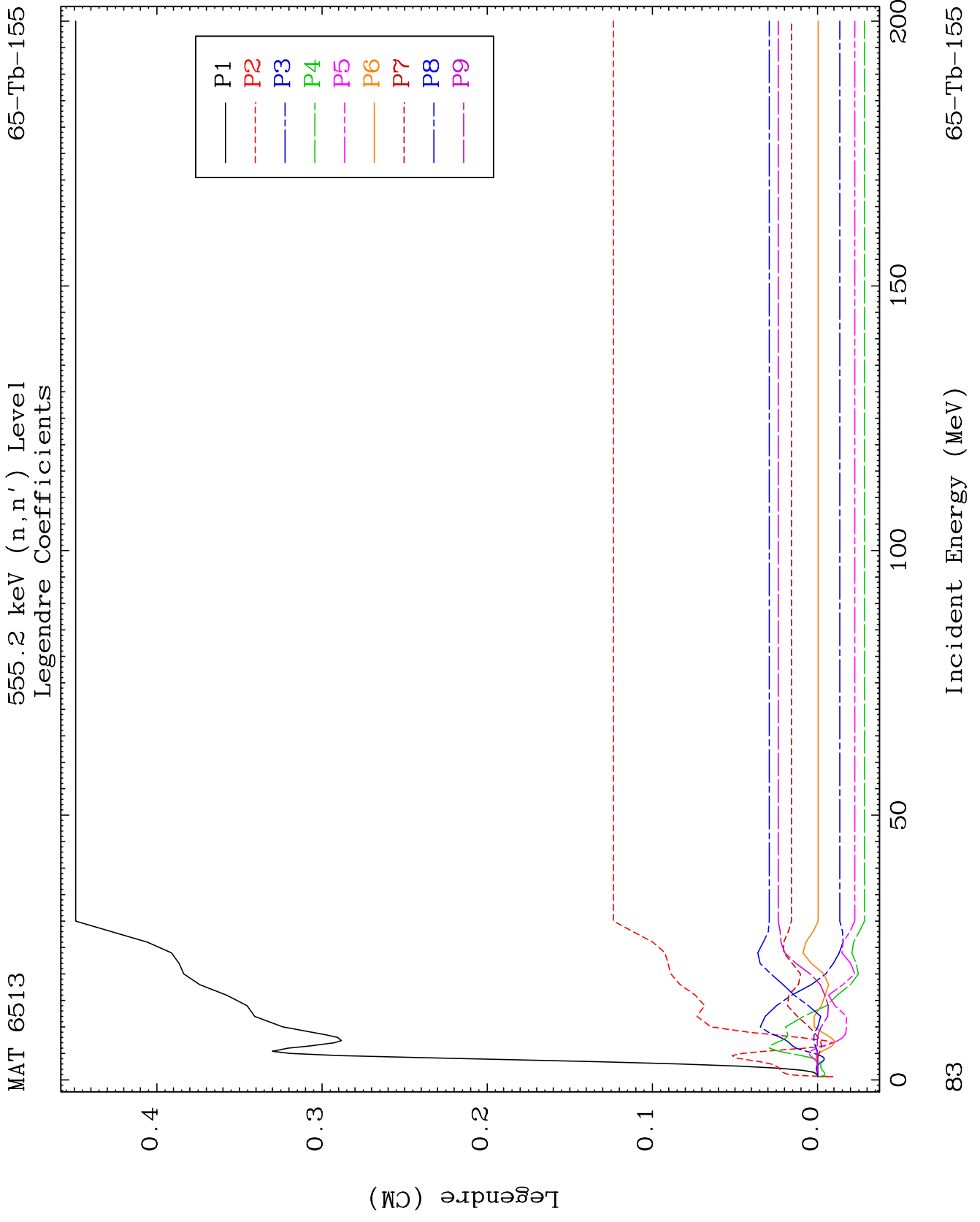


81

Incident Energy (MeV)

65-Tb-155

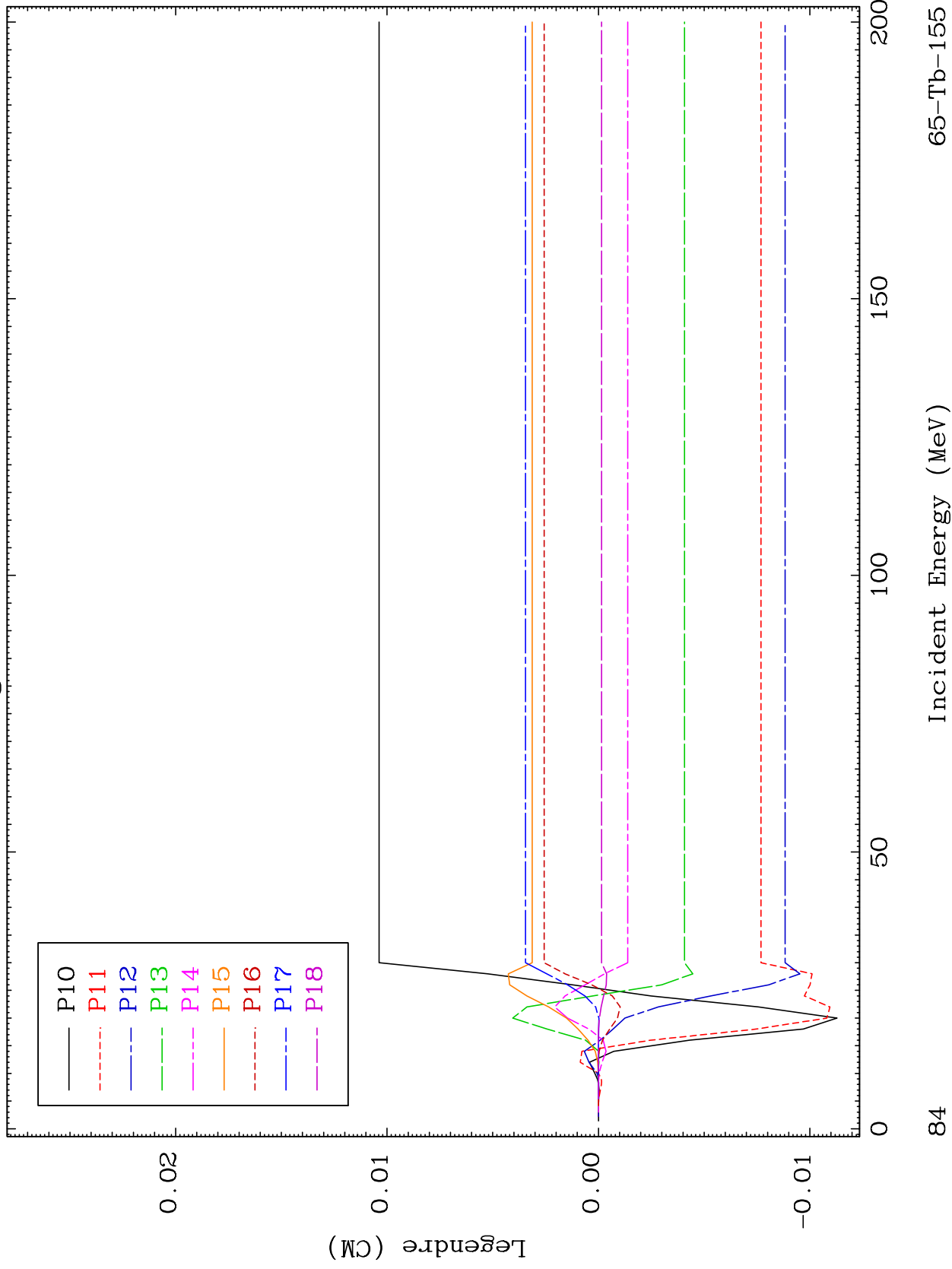




MAT 6513

555.2 keV (n,n') Level
Legendre Coefficients

65-Tb-155



84

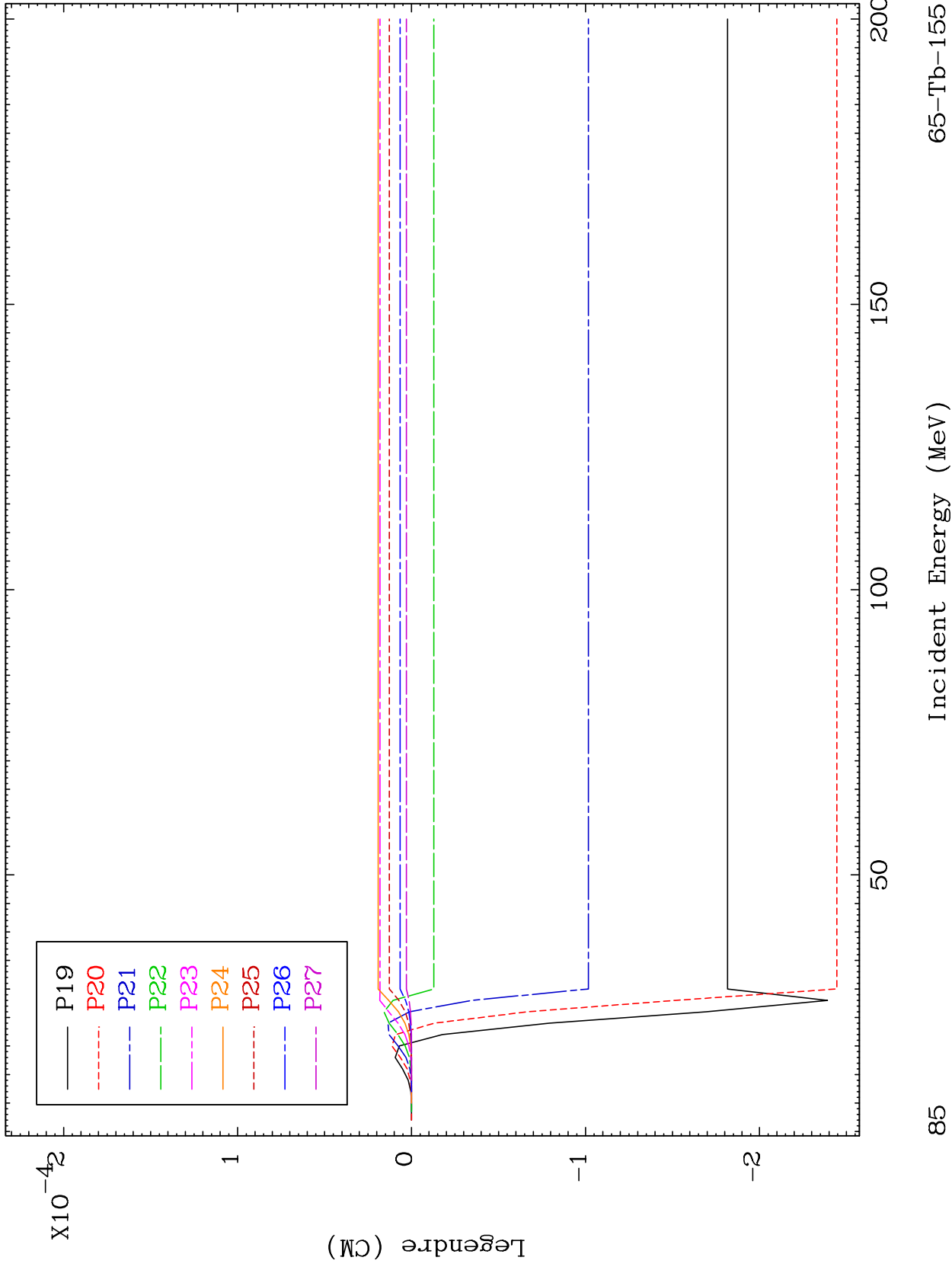
Incident Energy (MeV)

65-Tb-155

MAT 6513

555.2 keV (n,n') Level
Legendre Coefficients

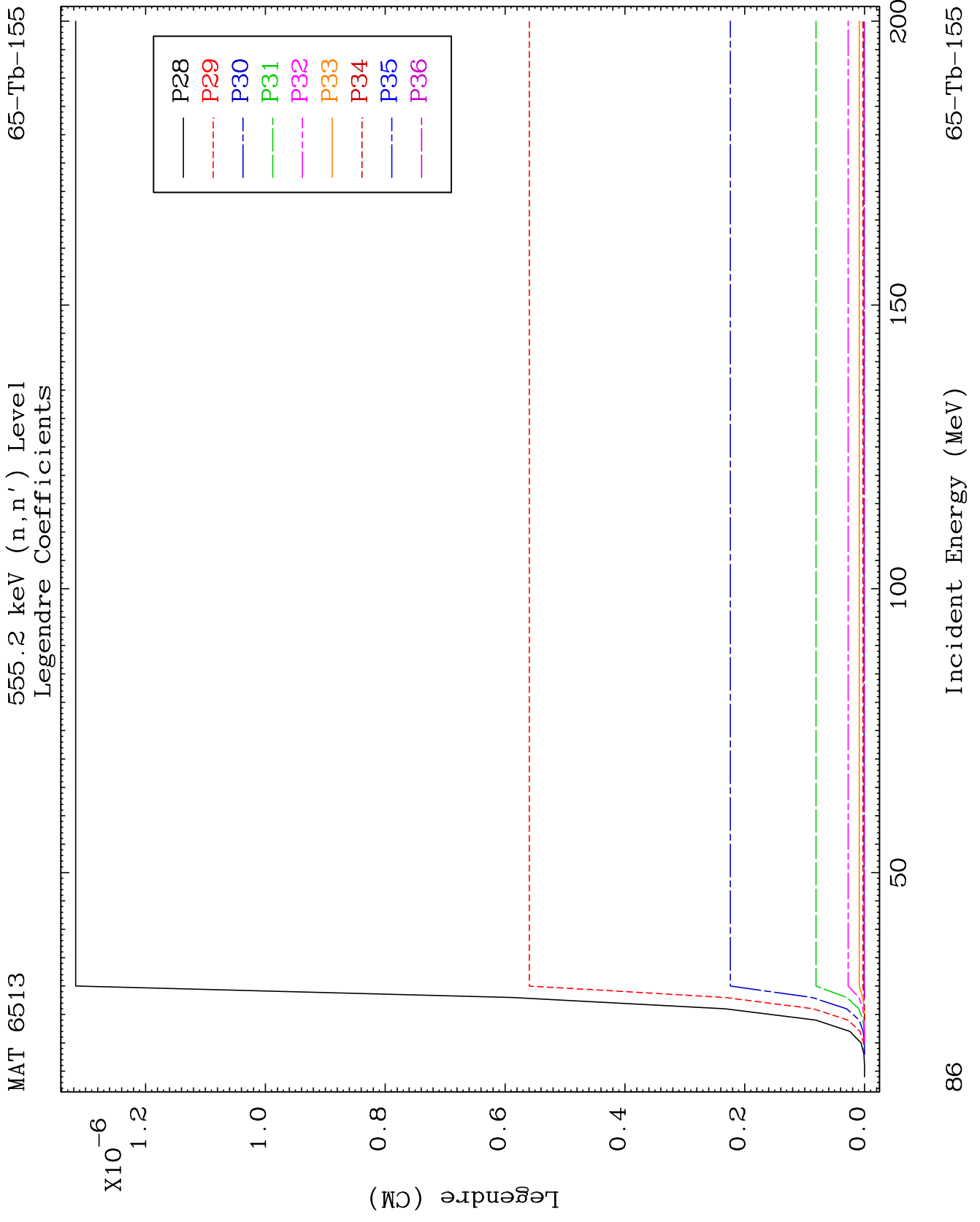
65-Tb-155

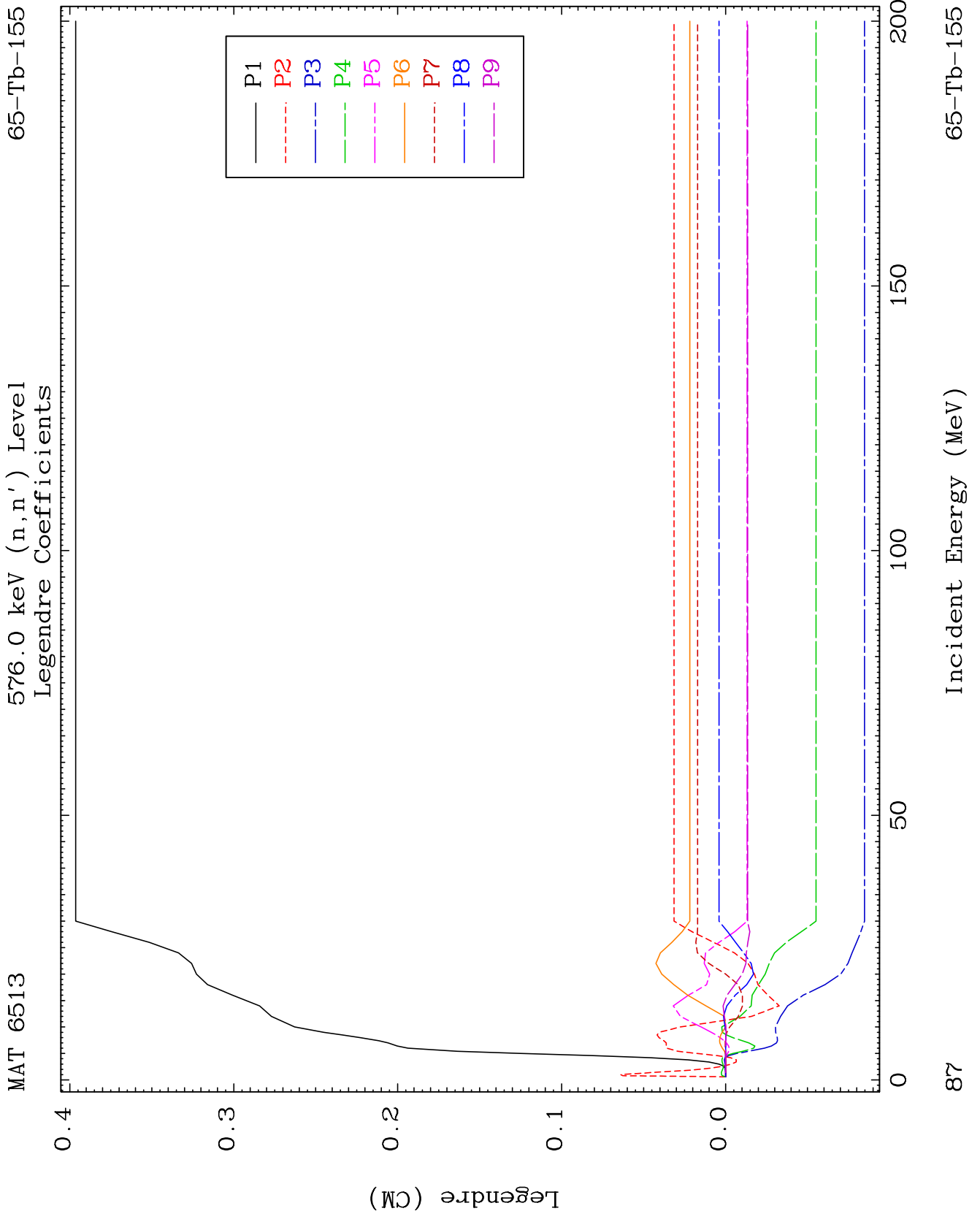


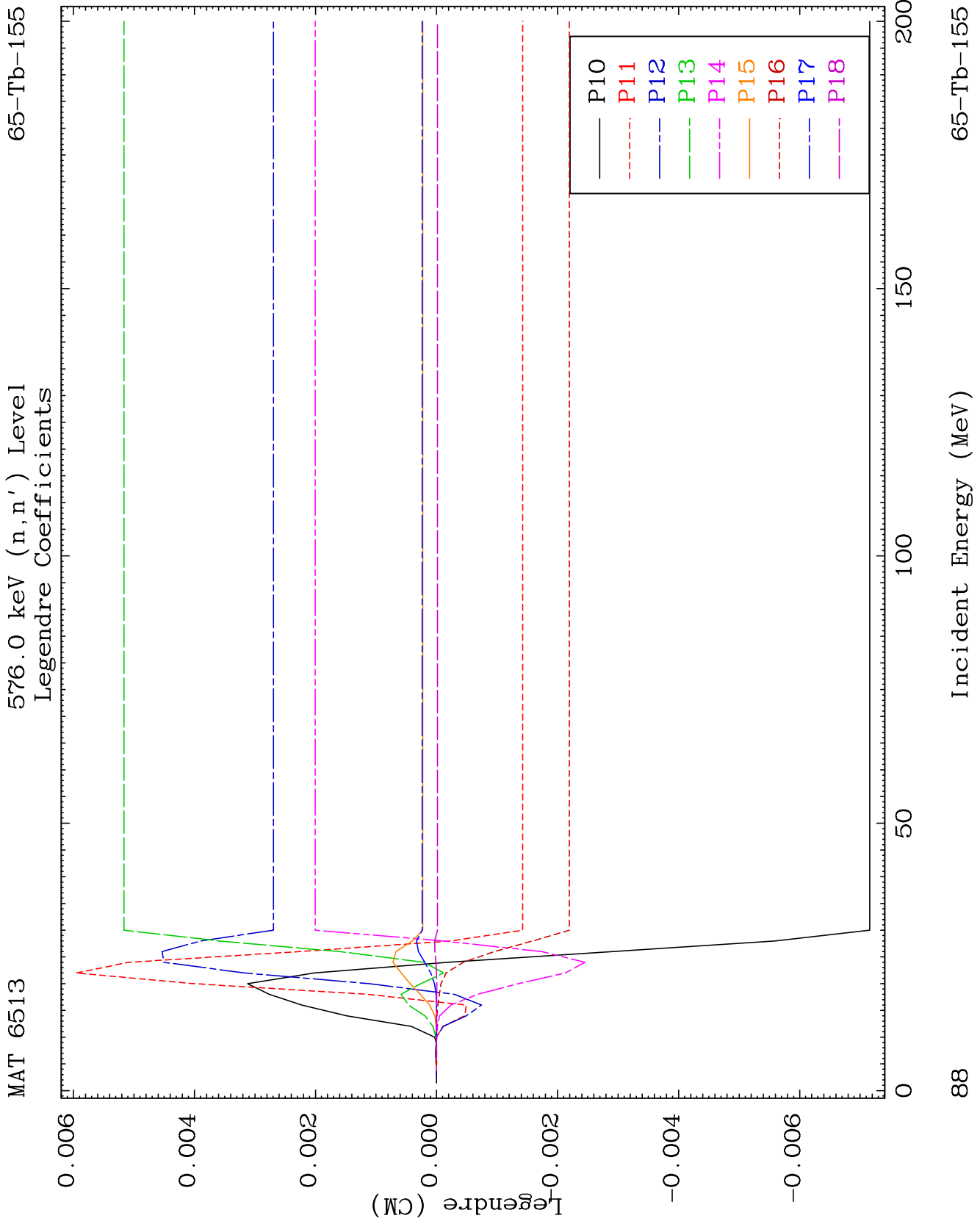
85

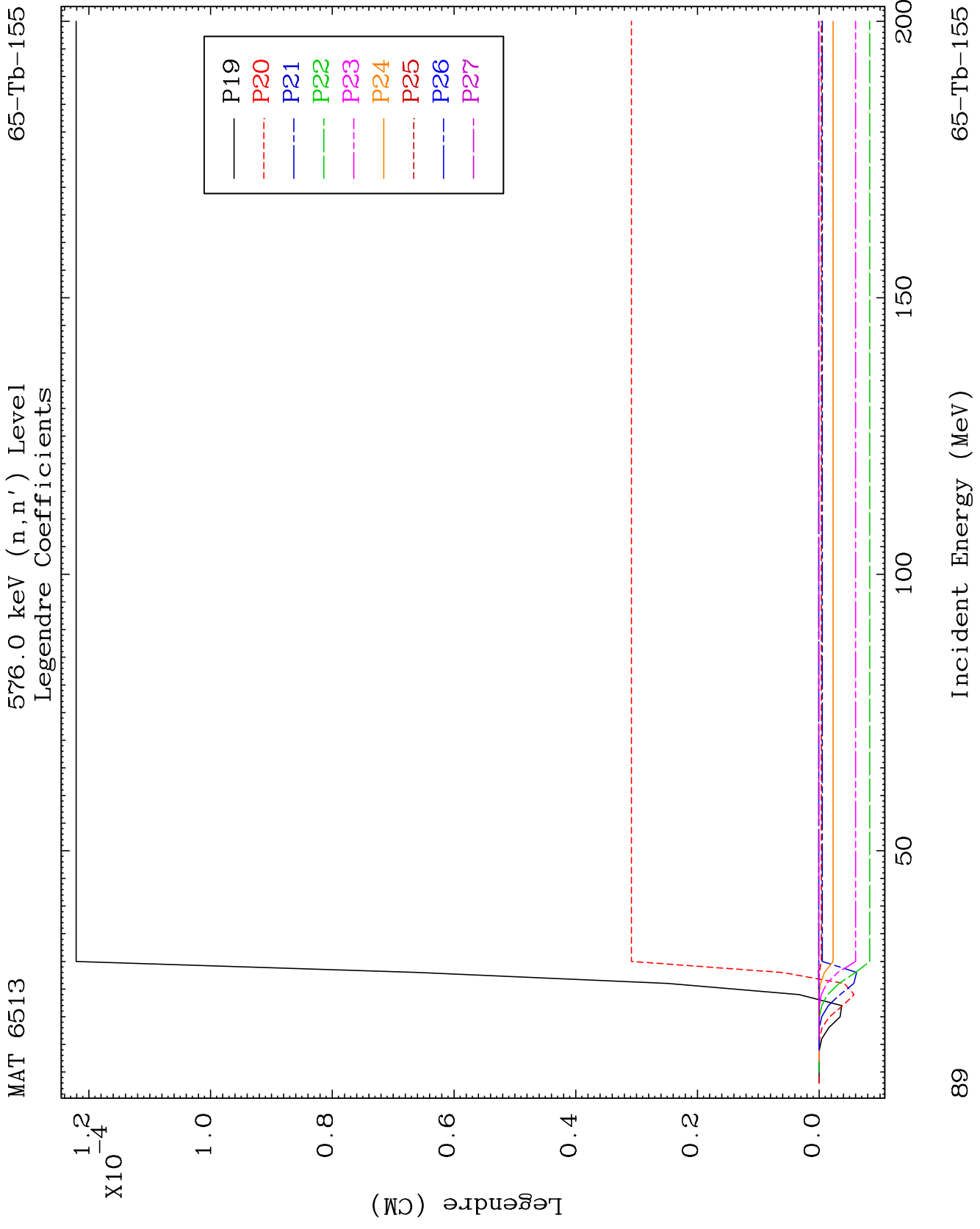
Incident Energy (MeV)

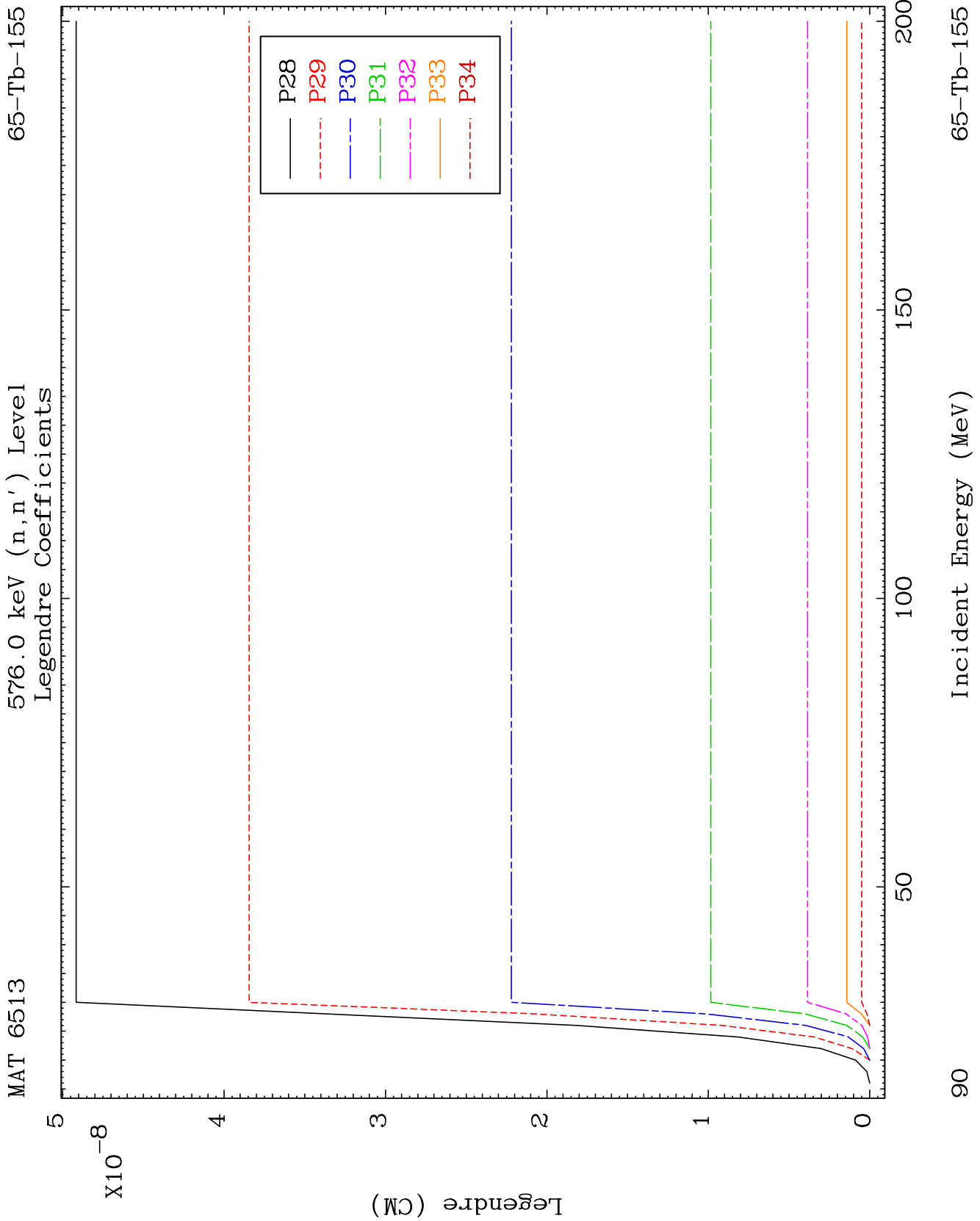
65-Tb-155

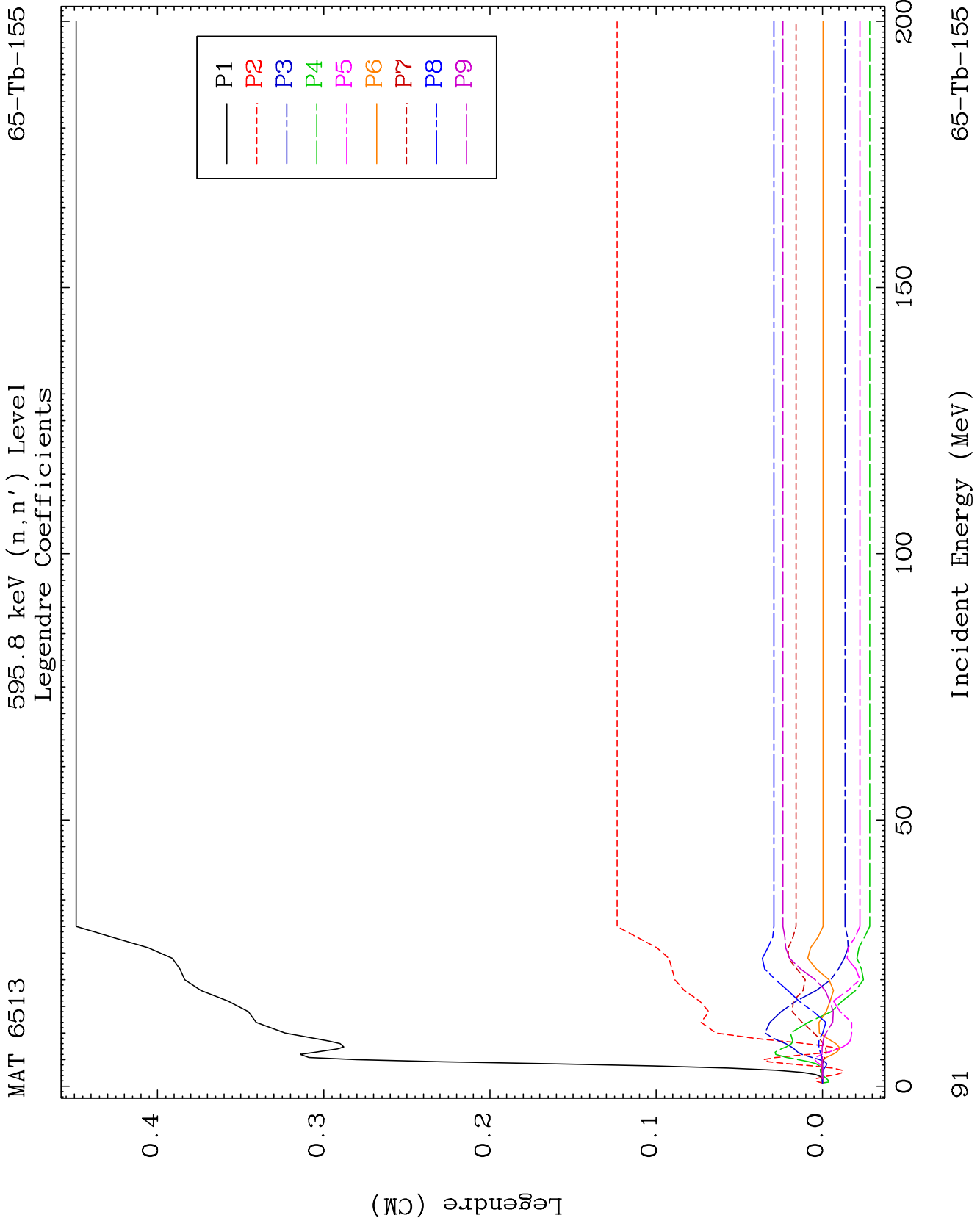








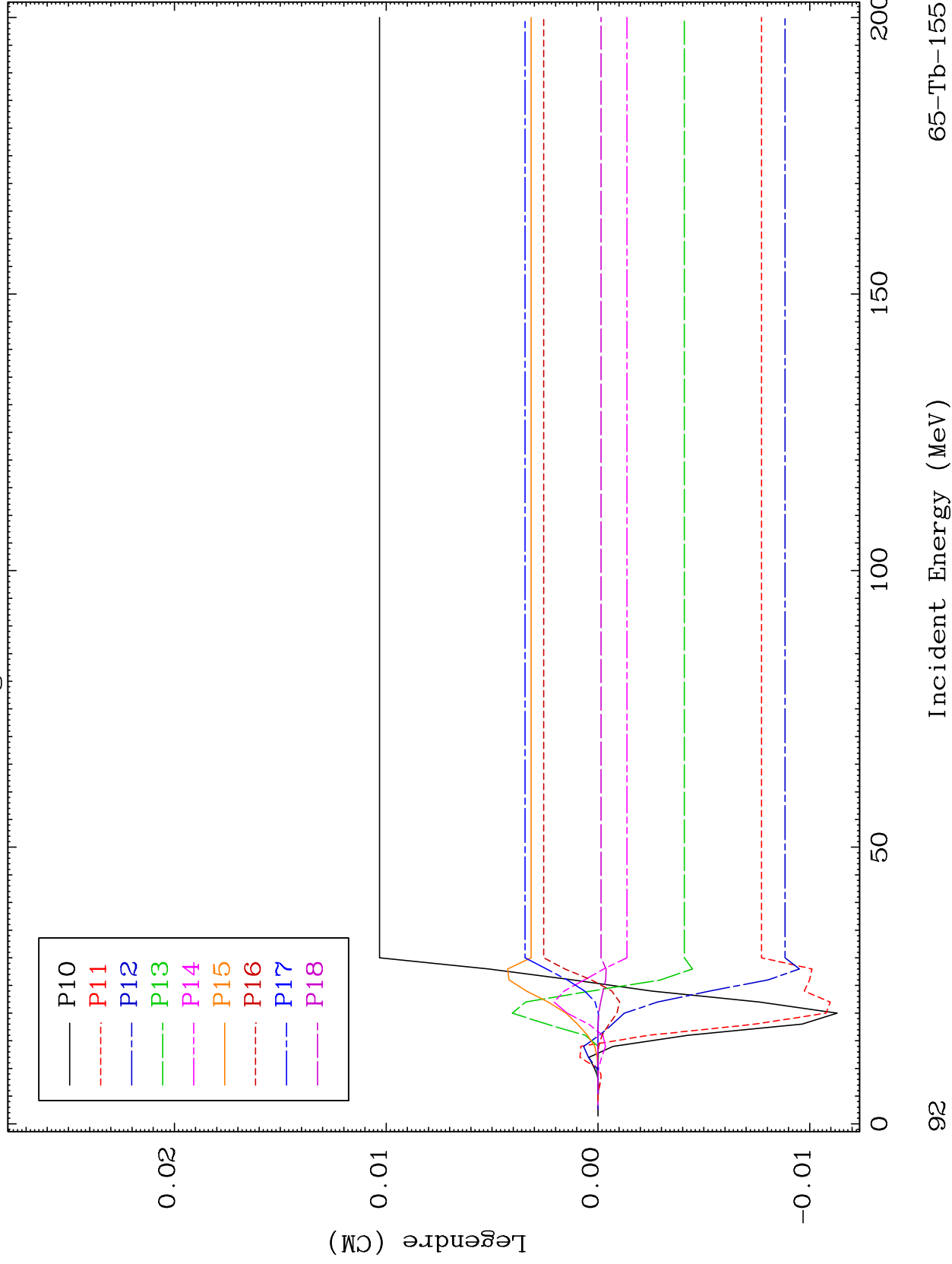




MAT 6513

595.8 keV (n,n') Level
Legendre Coefficients

65-Tb-155



92

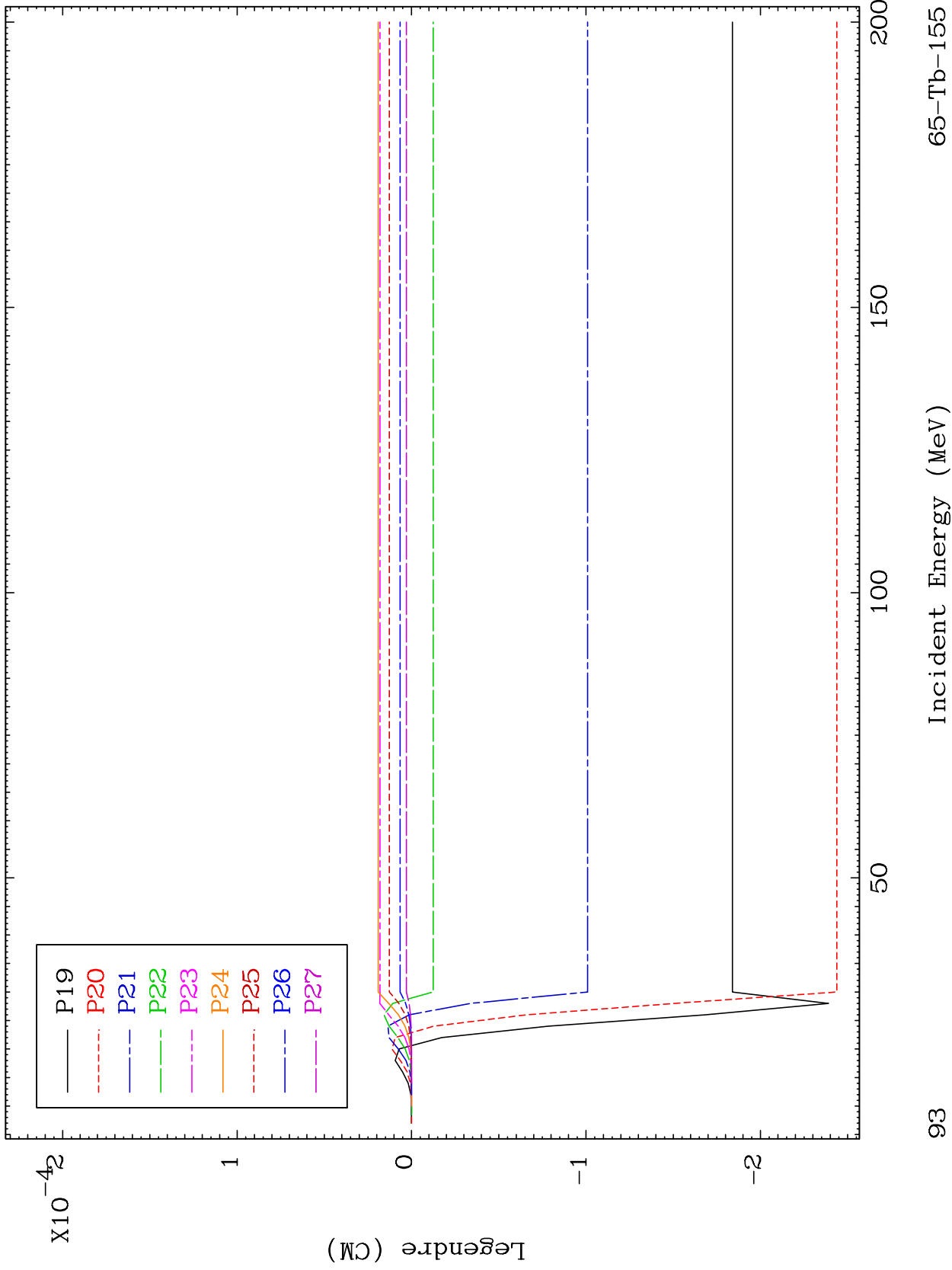
Incident Energy (MeV)

65-Tb-155

MAT 6513

595.8 keV (n,n') Level
Legendre Coefficients

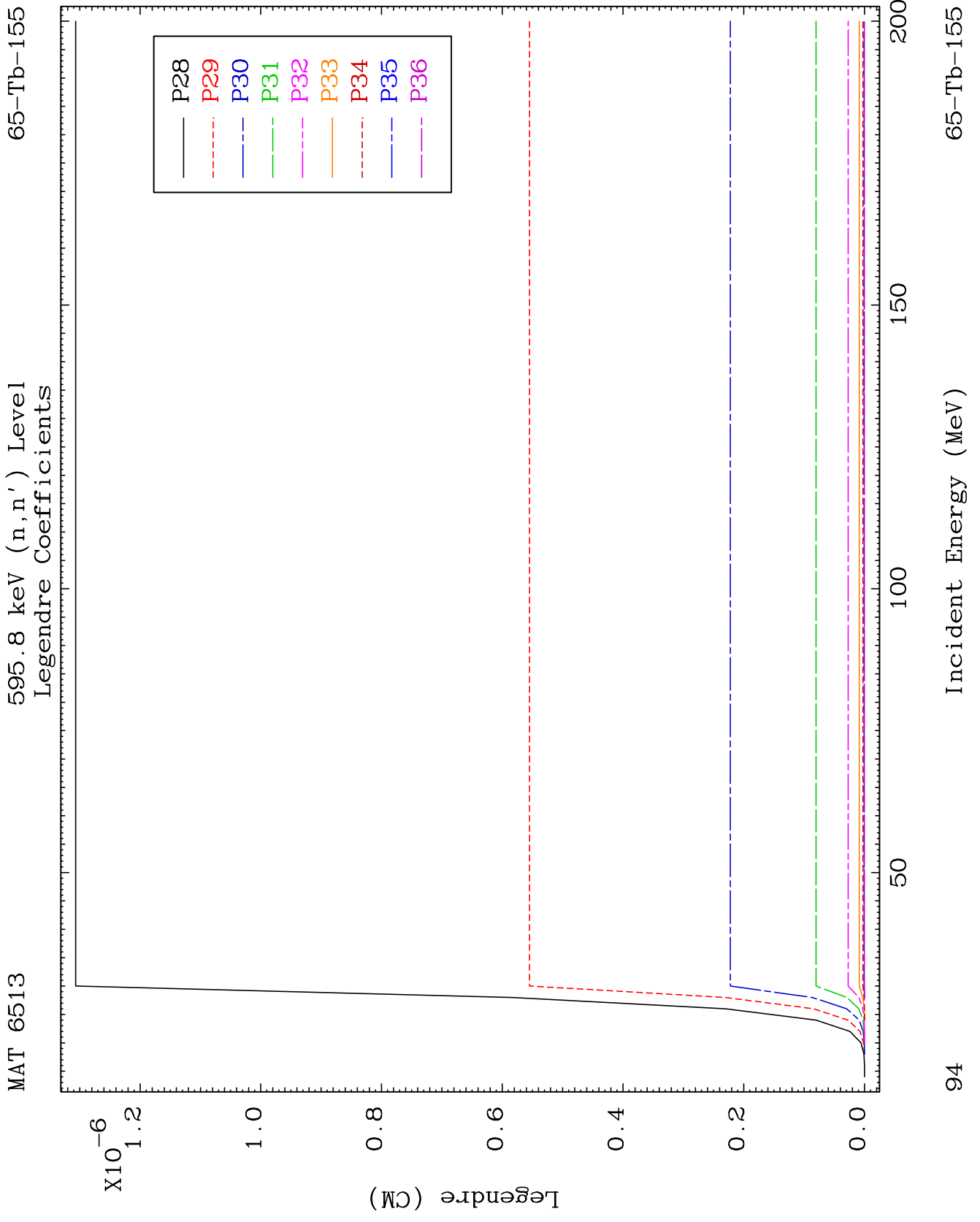
65-Tb-155

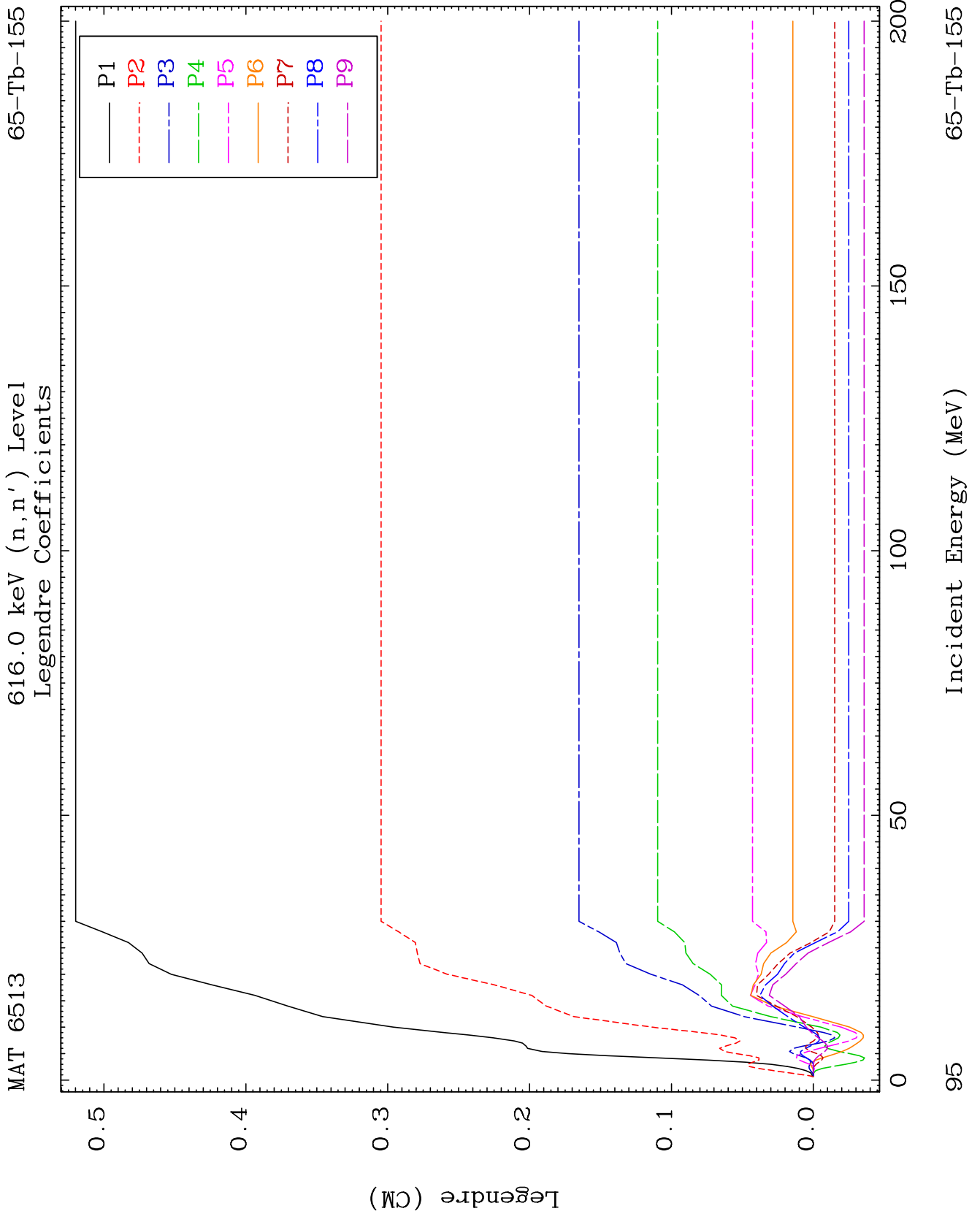


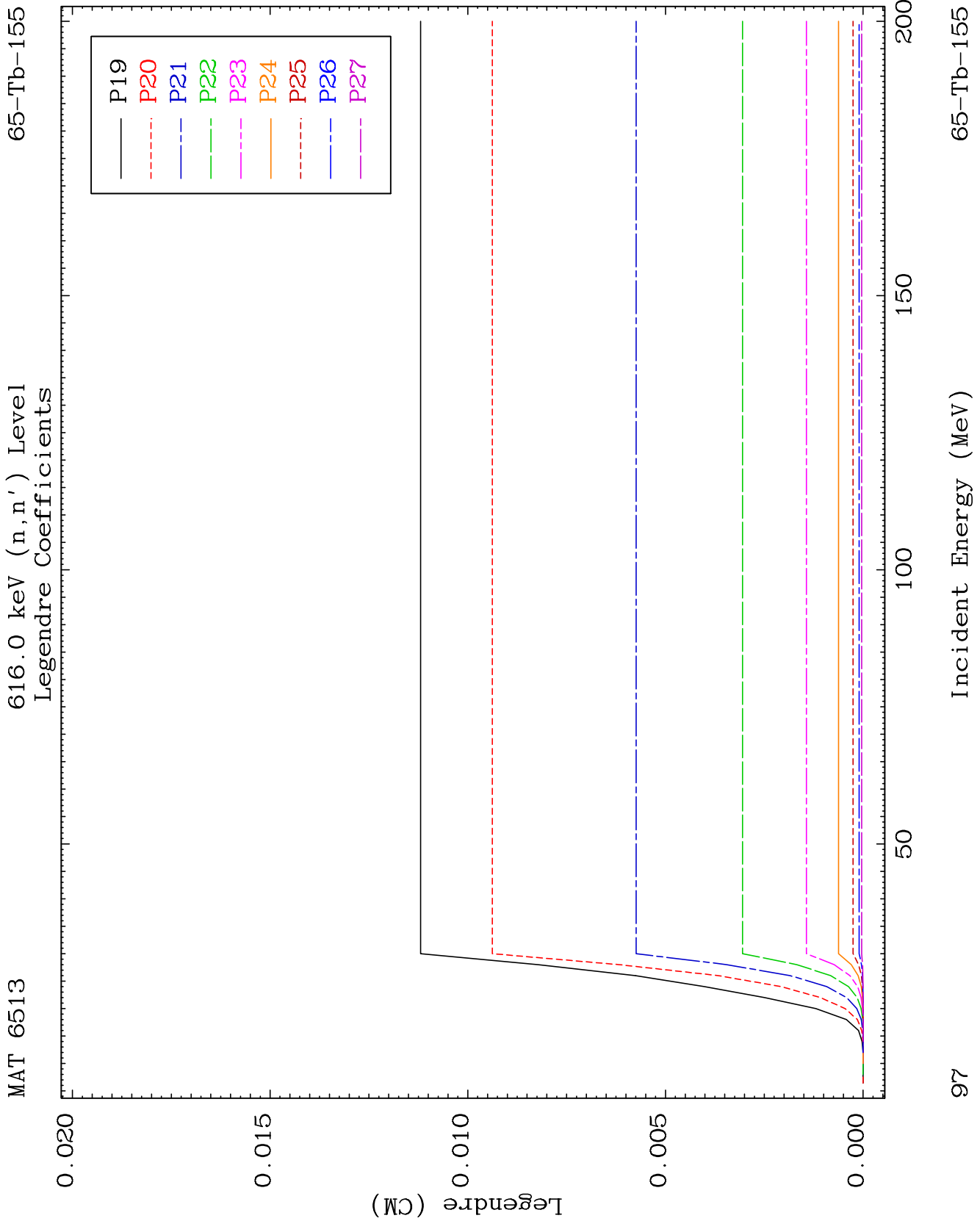
93

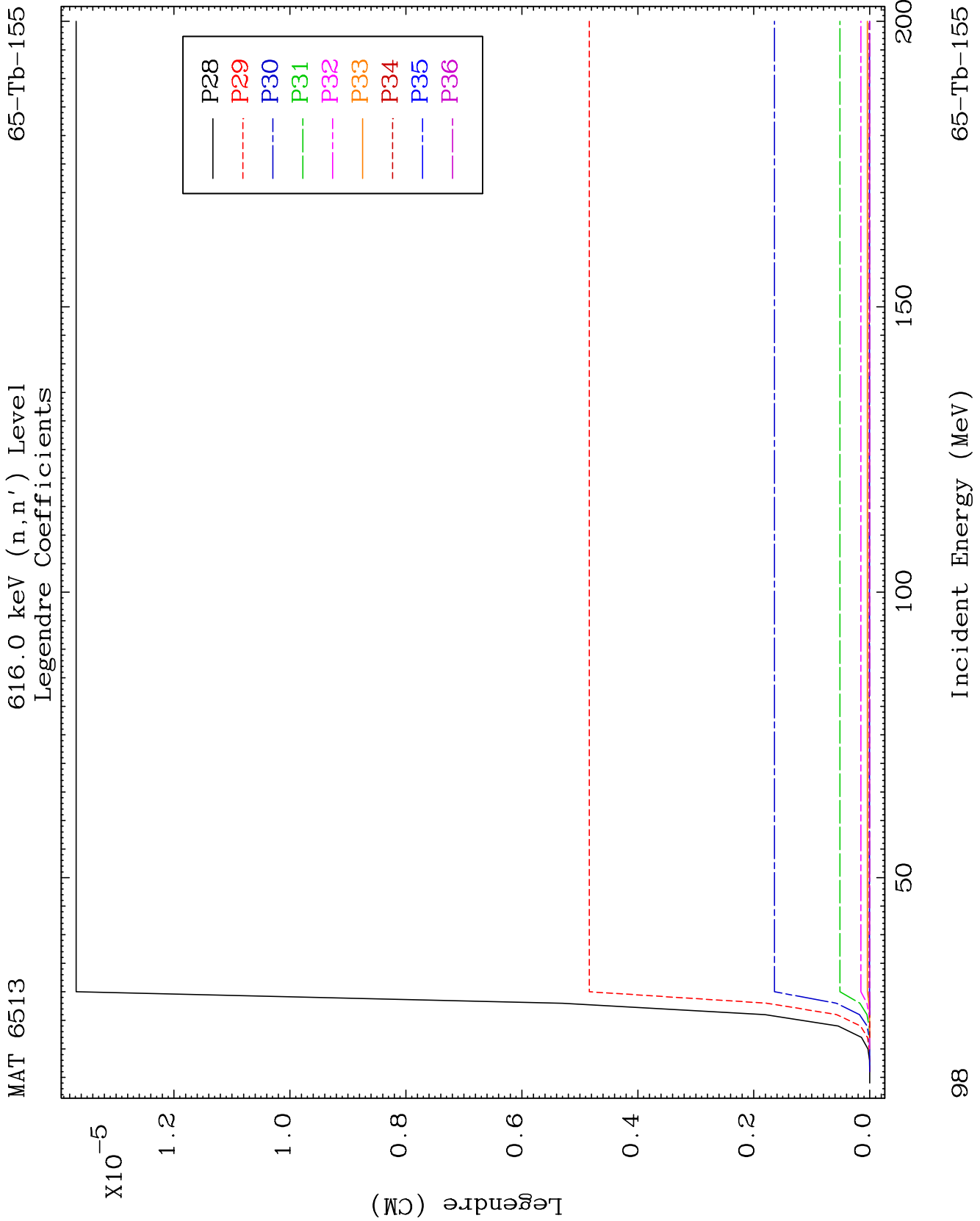
Incident Energy (MeV)

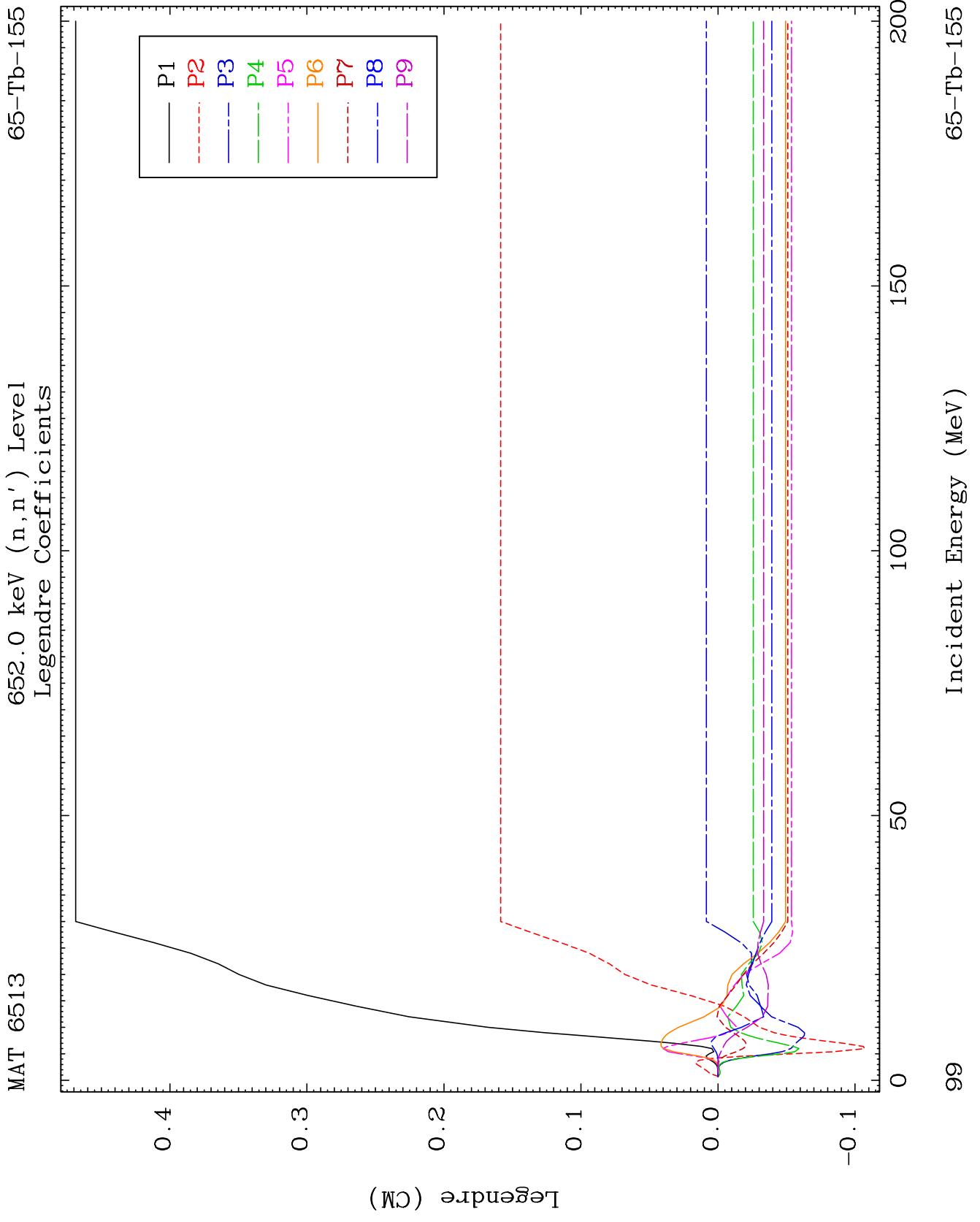
65-Tb-155







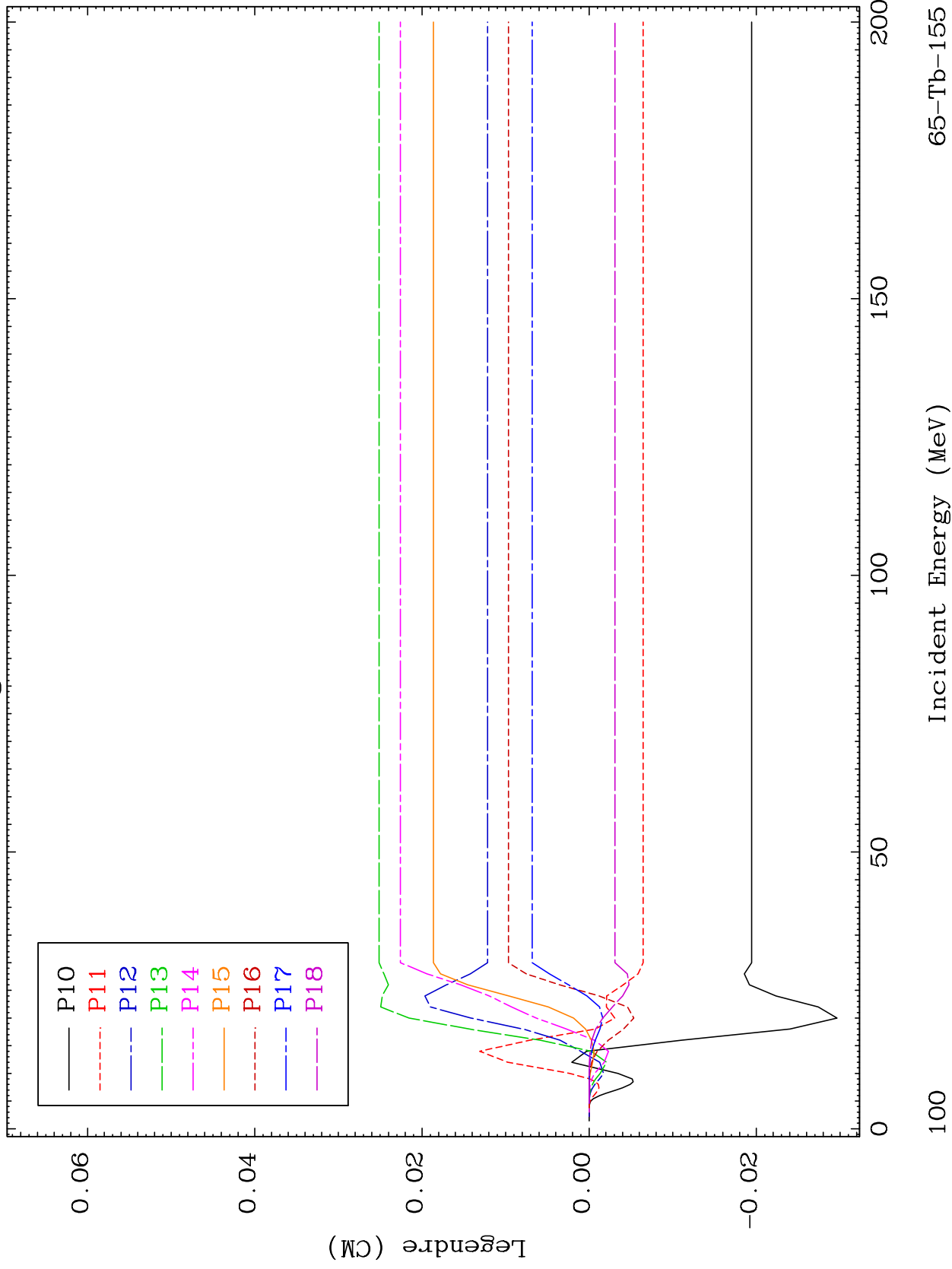




MAT 6513

652.0 keV (n,n') Level
Legendre Coefficients

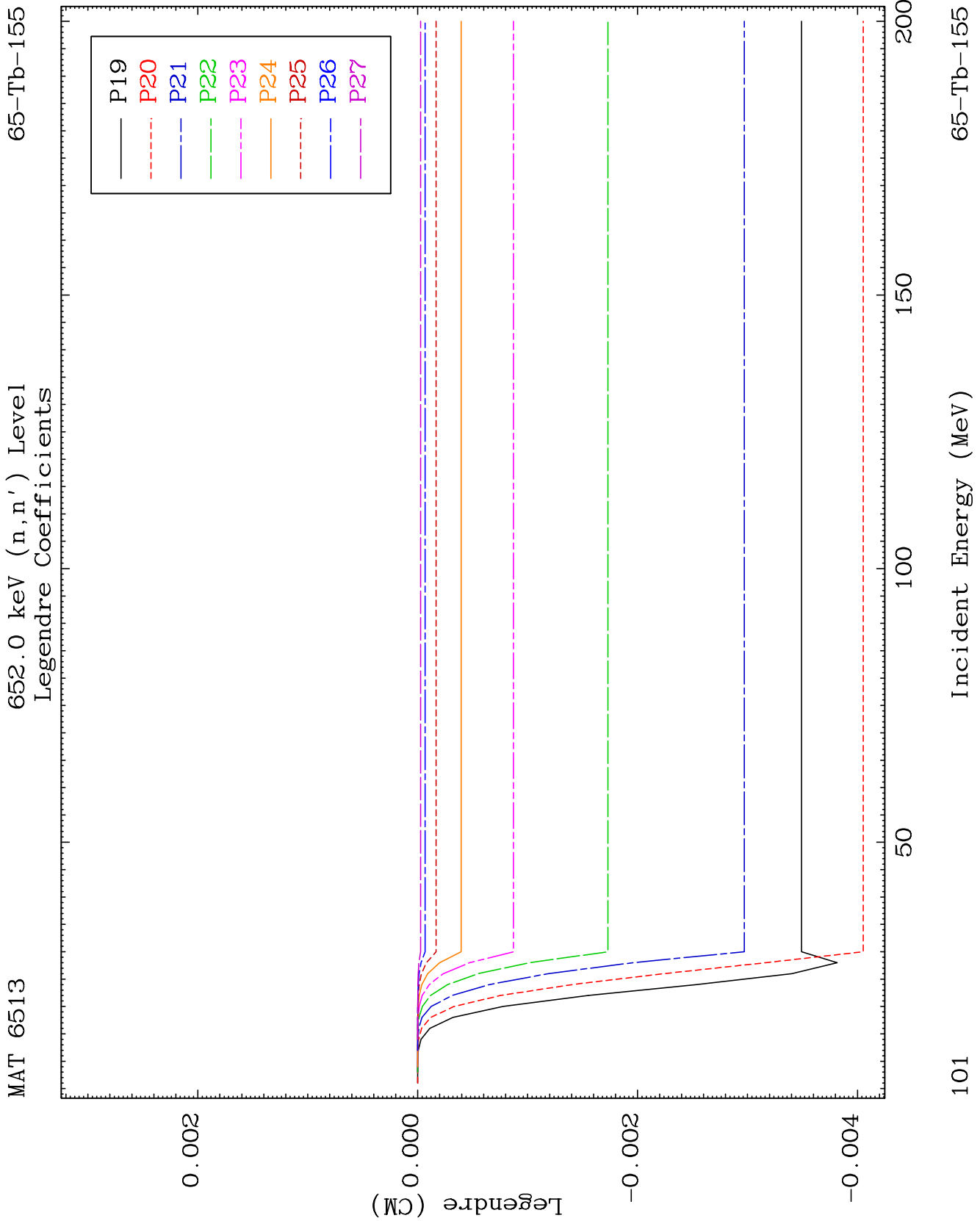
65-Tb-155

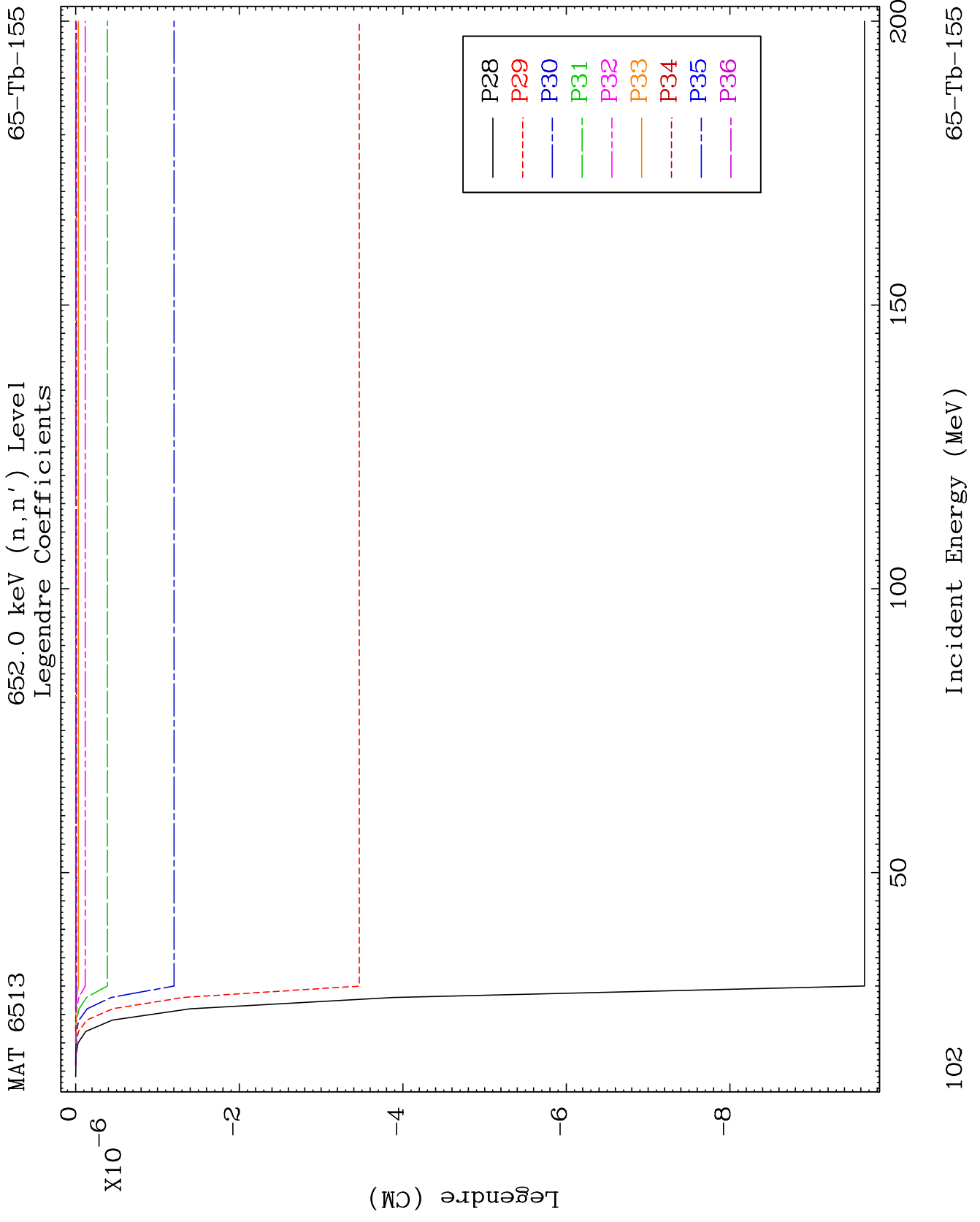


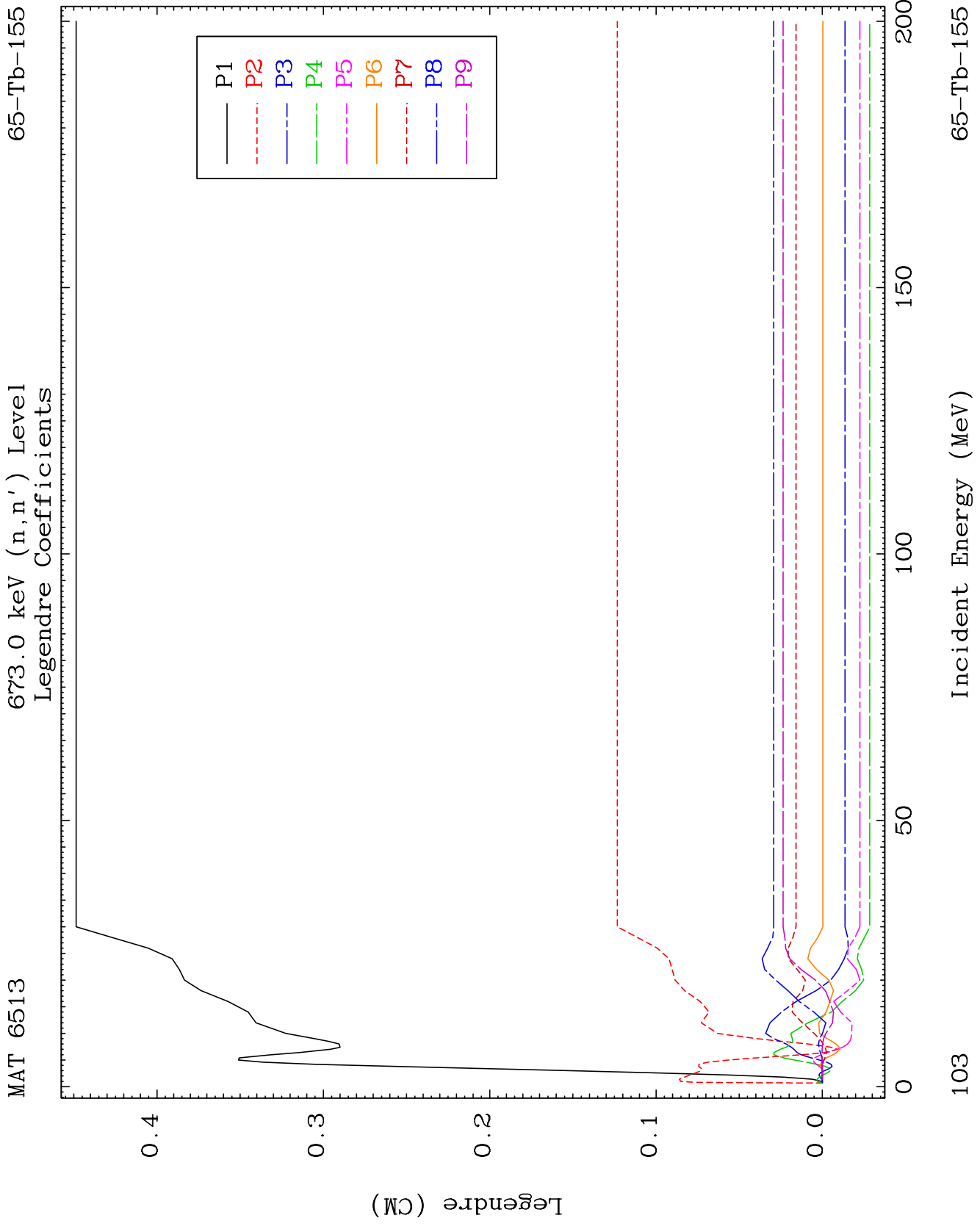
65-Tb-155

Incident Energy (MeV)

100



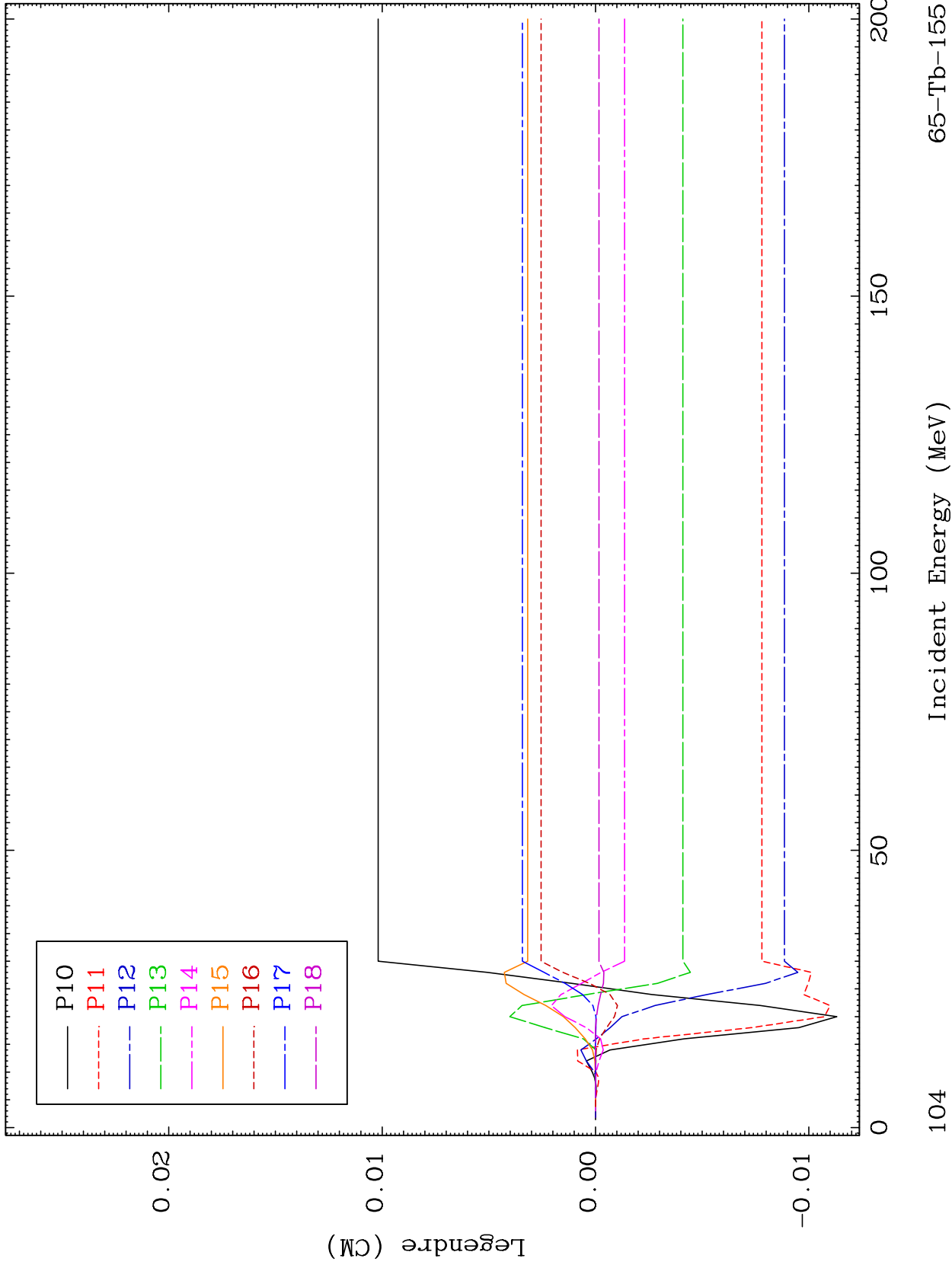




MAT 6513

673.0 keV (n,n') Level
Legendre Coefficients

65-Tb-155



104

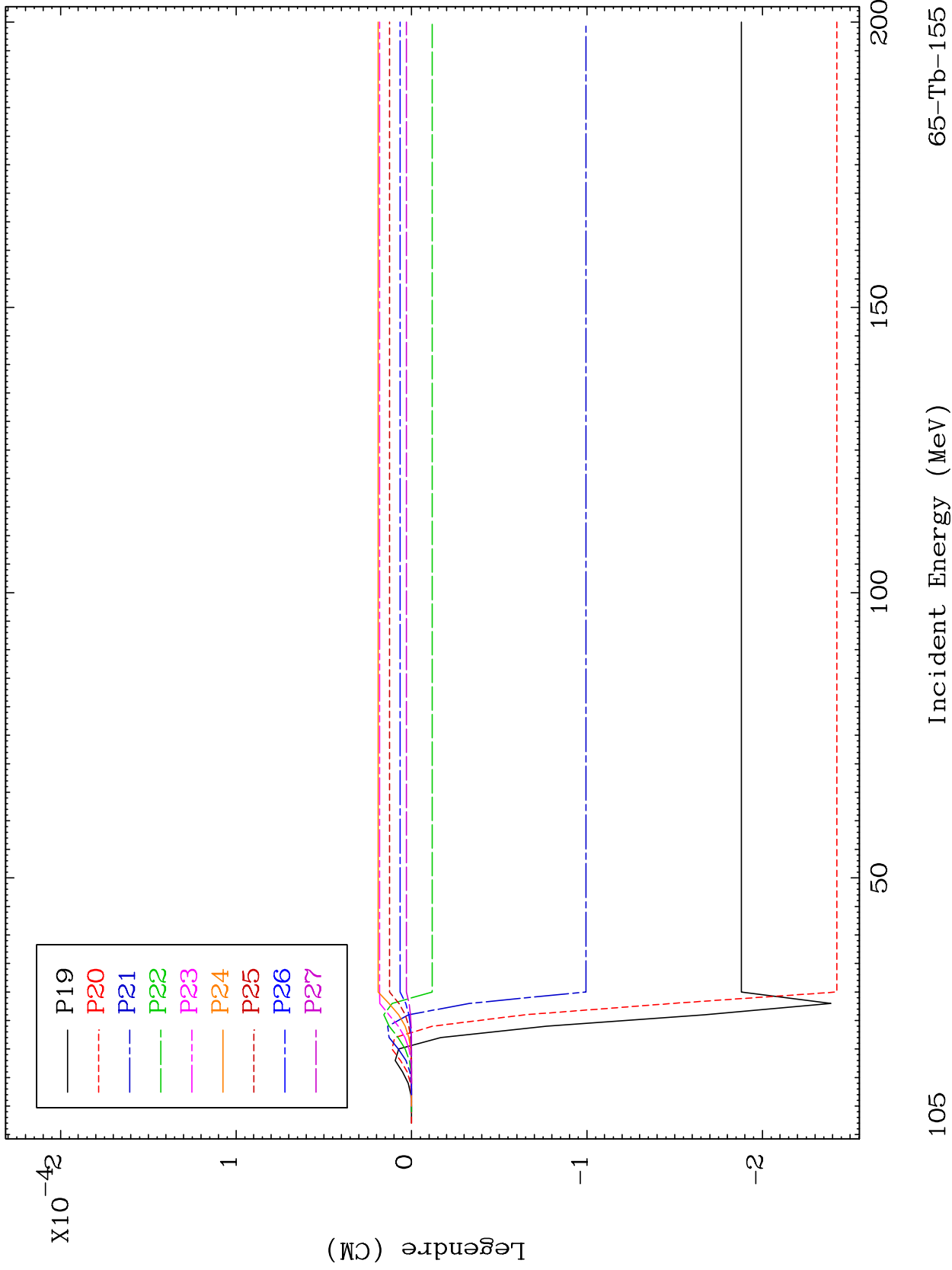
Incident Energy (MeV)

65-Tb-155

MAT 6513

673.0 keV (n,n') Level
Legendre Coefficients

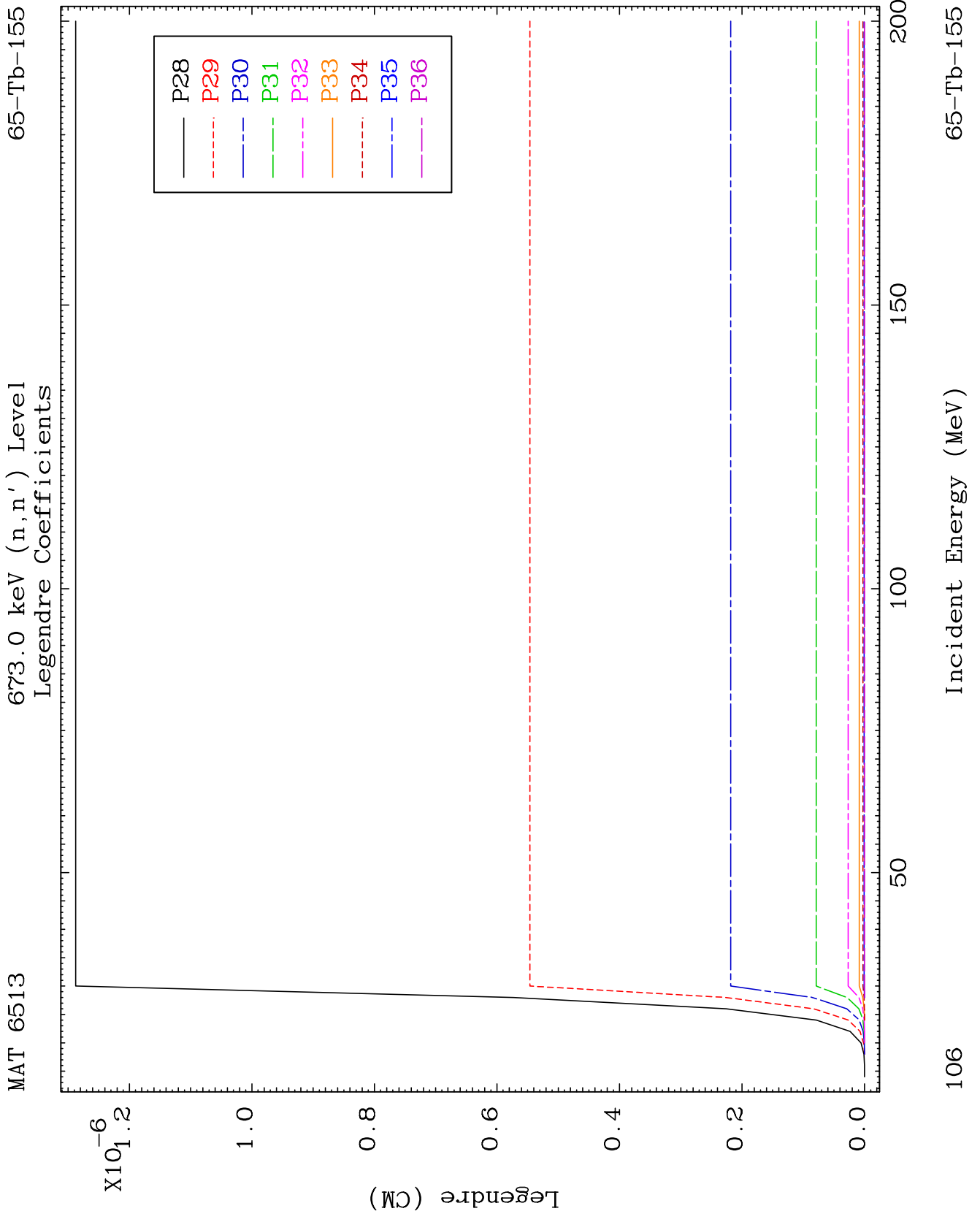
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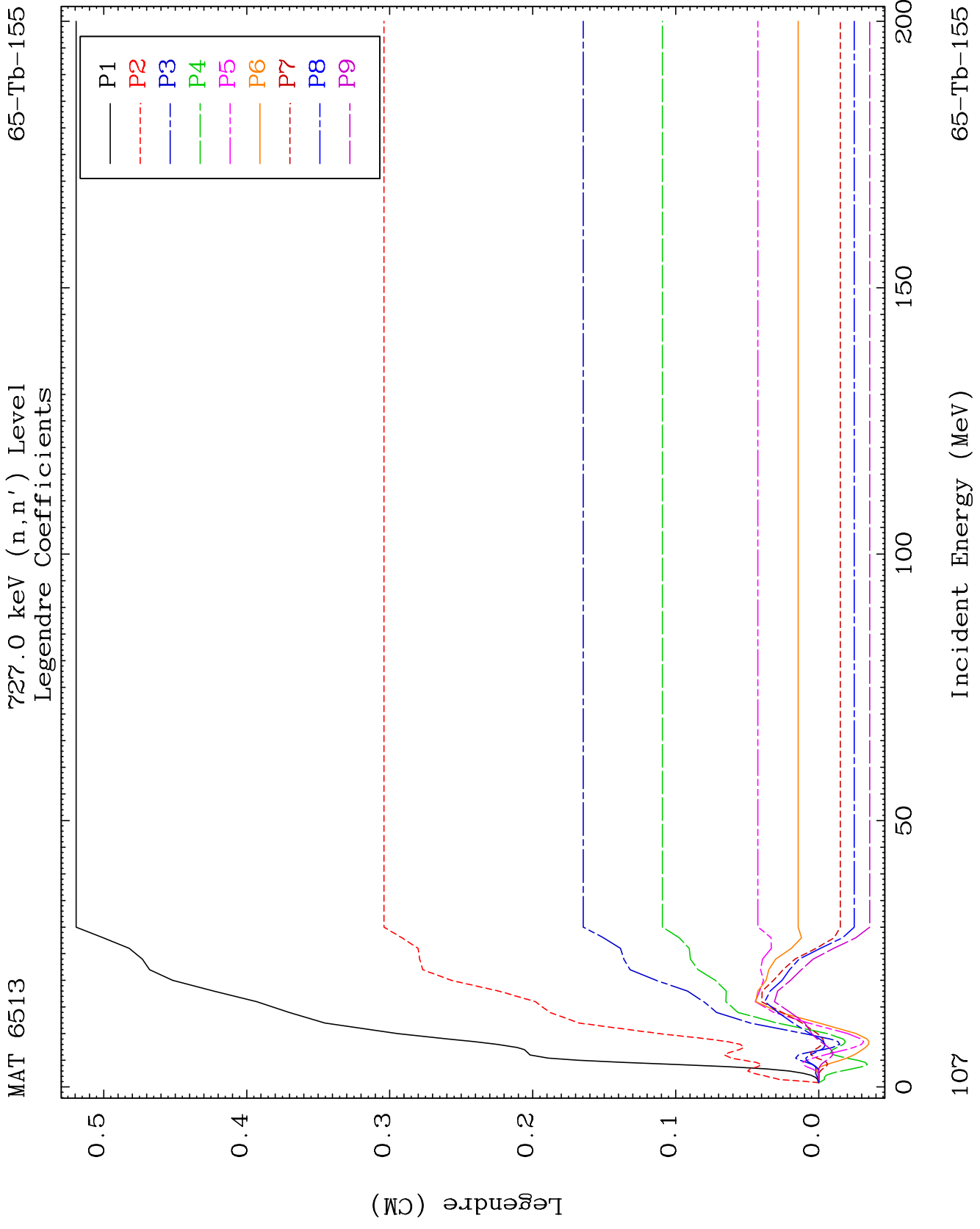


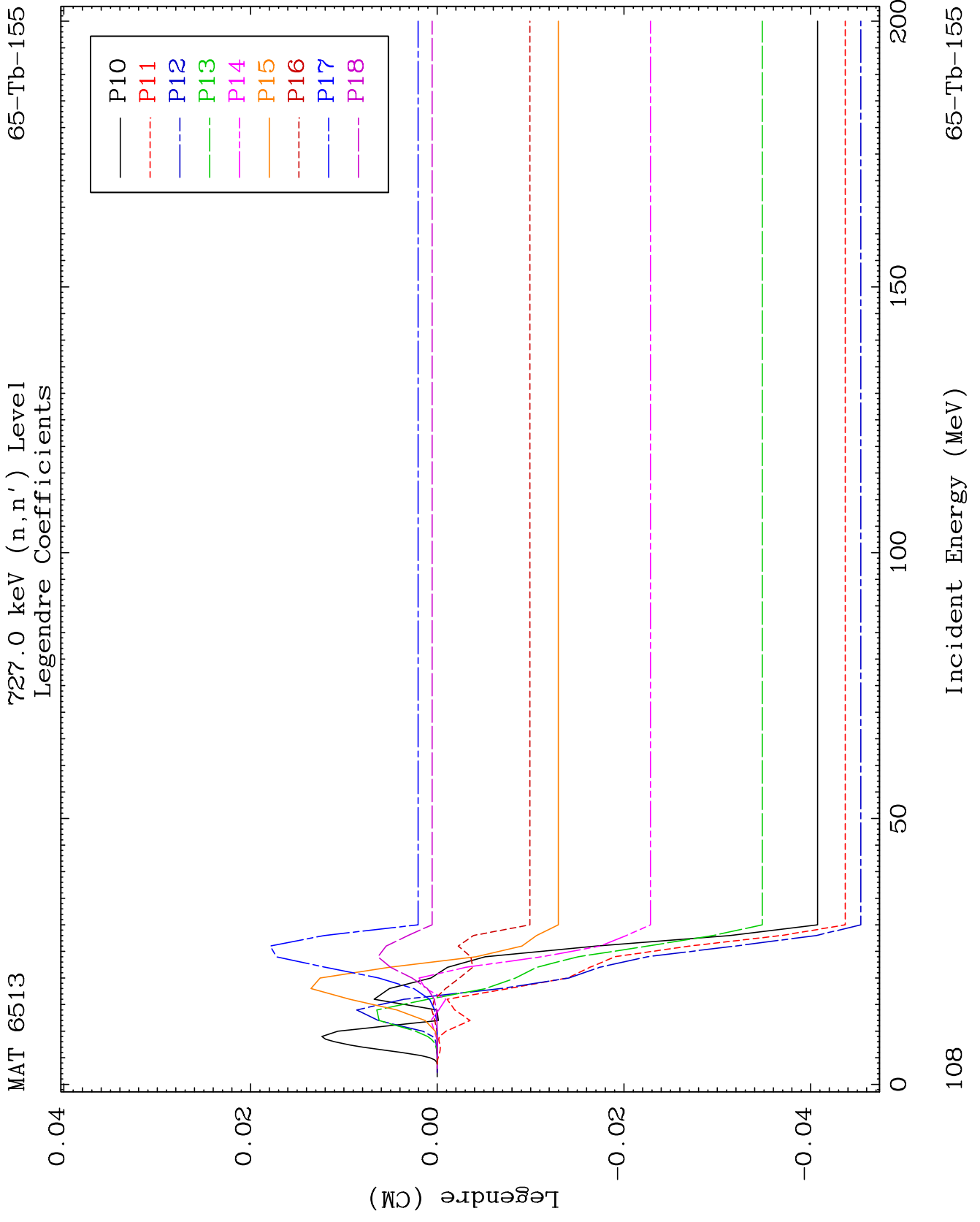
105

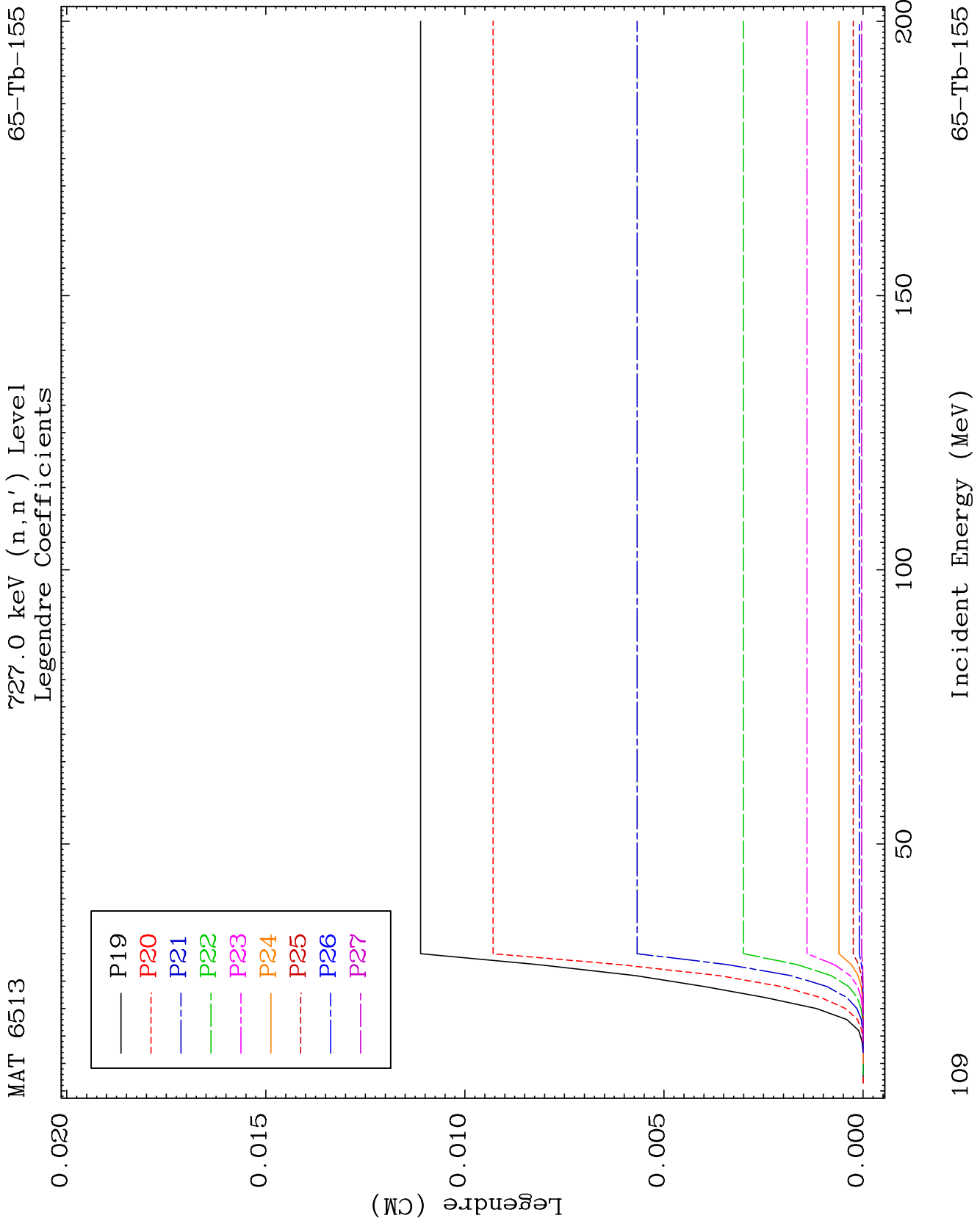
Incident Energy (MeV)

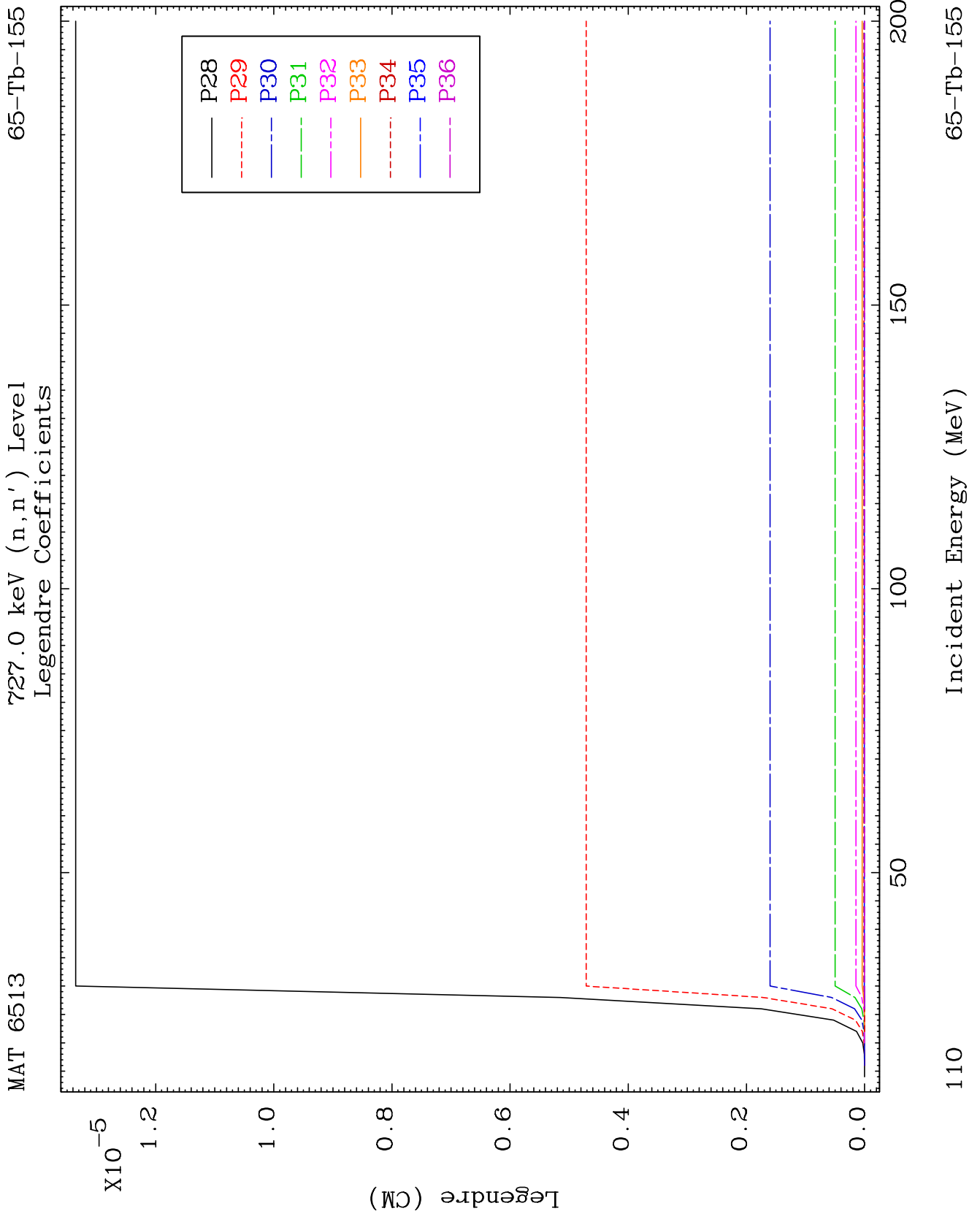
65-Tb-155

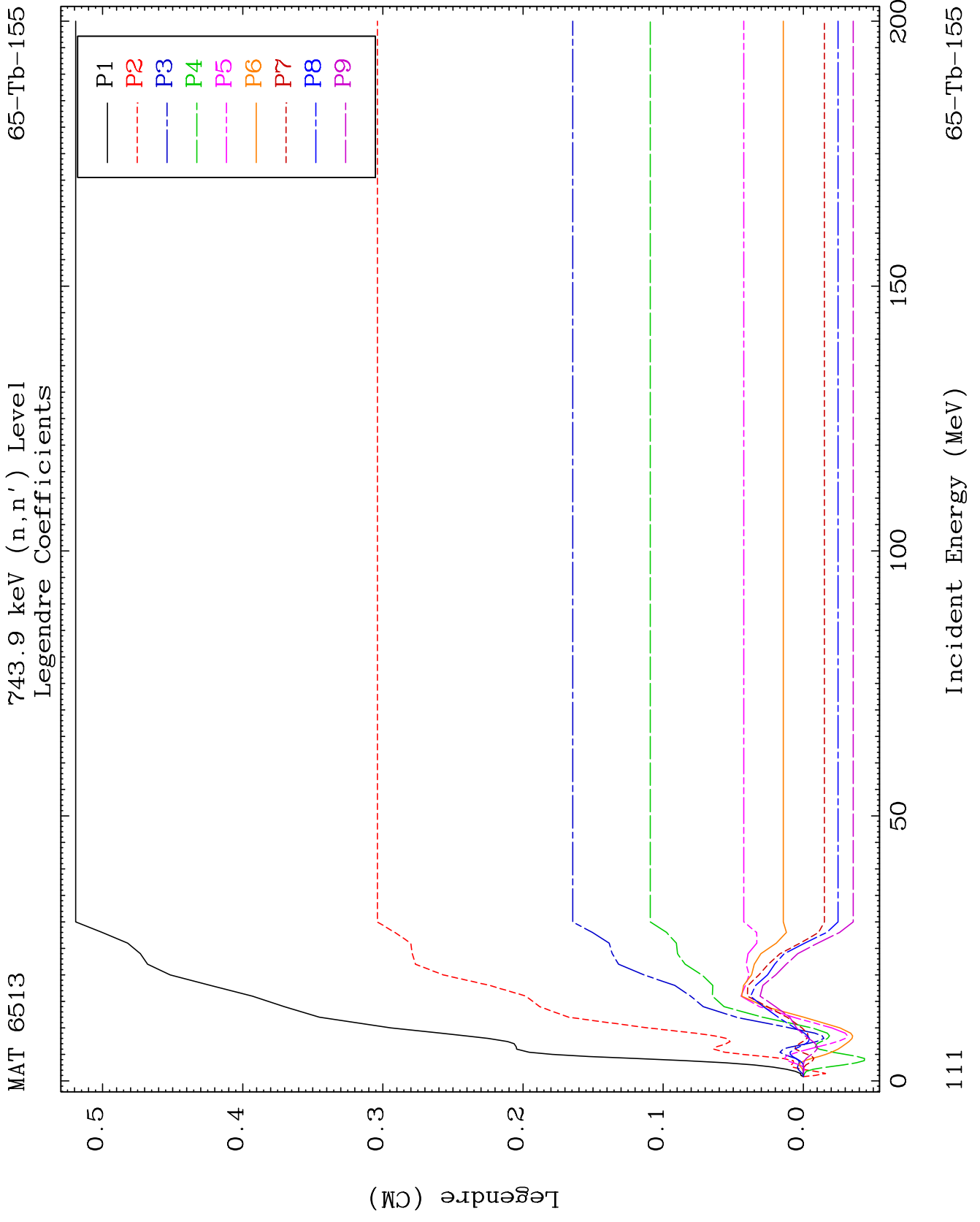


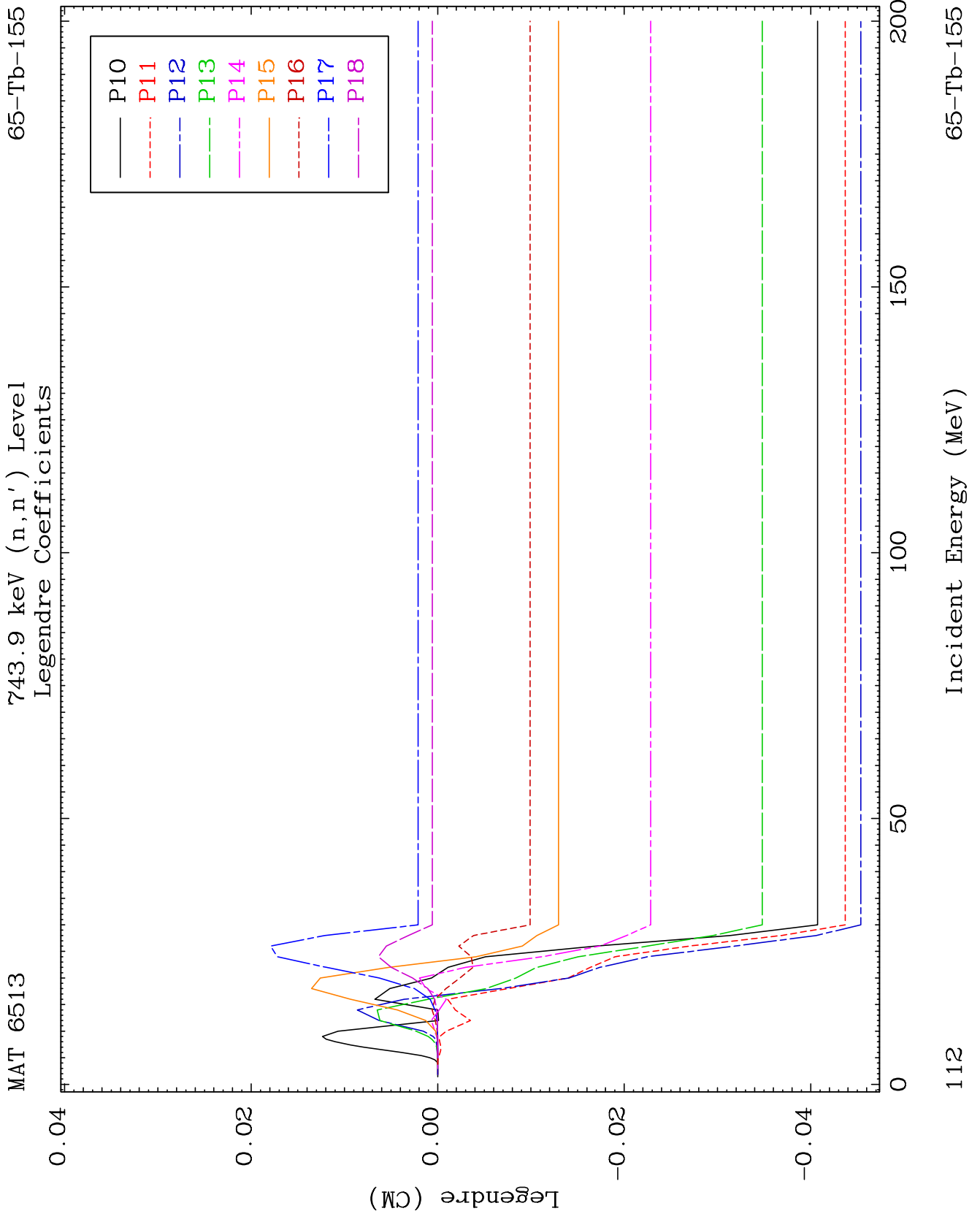


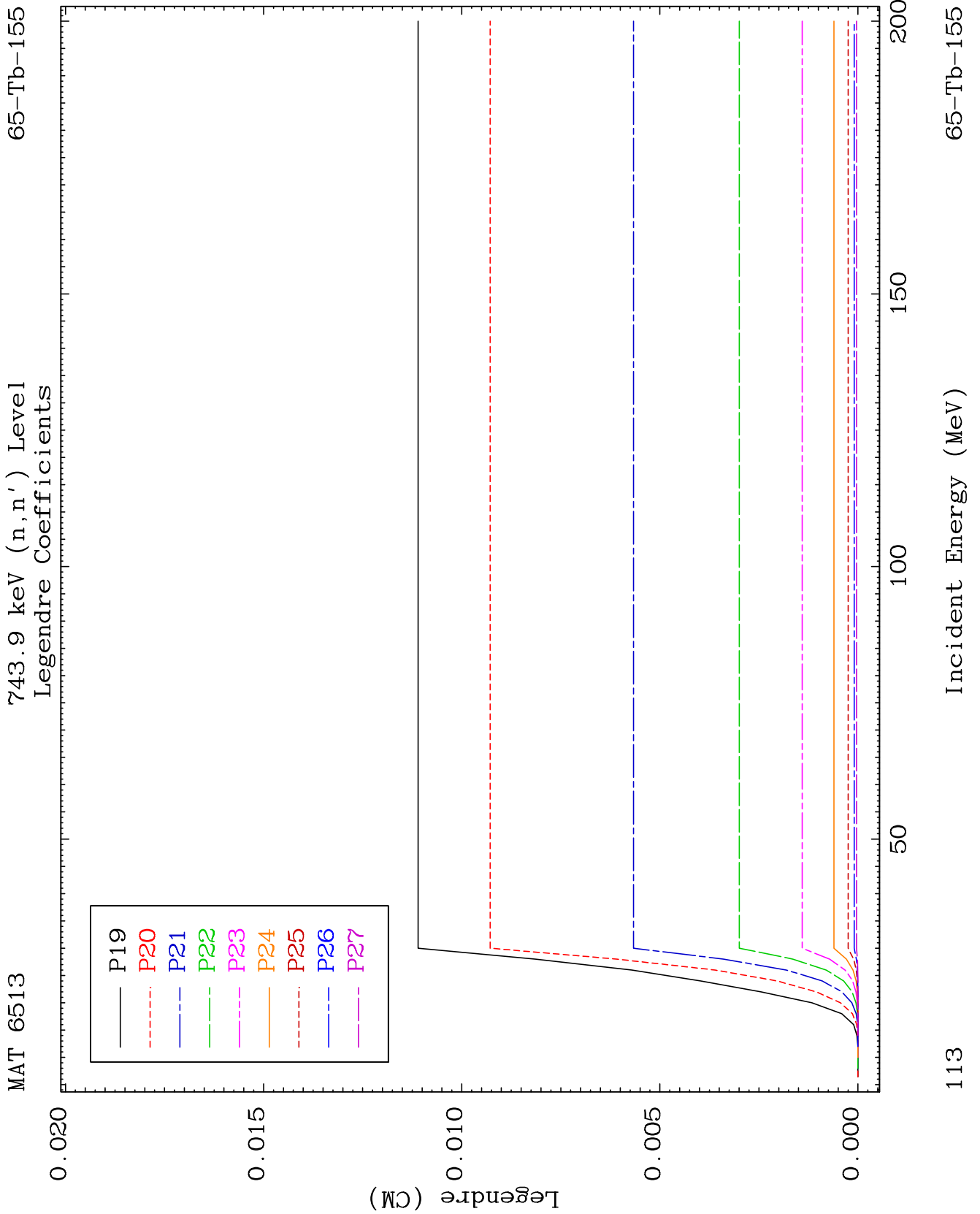


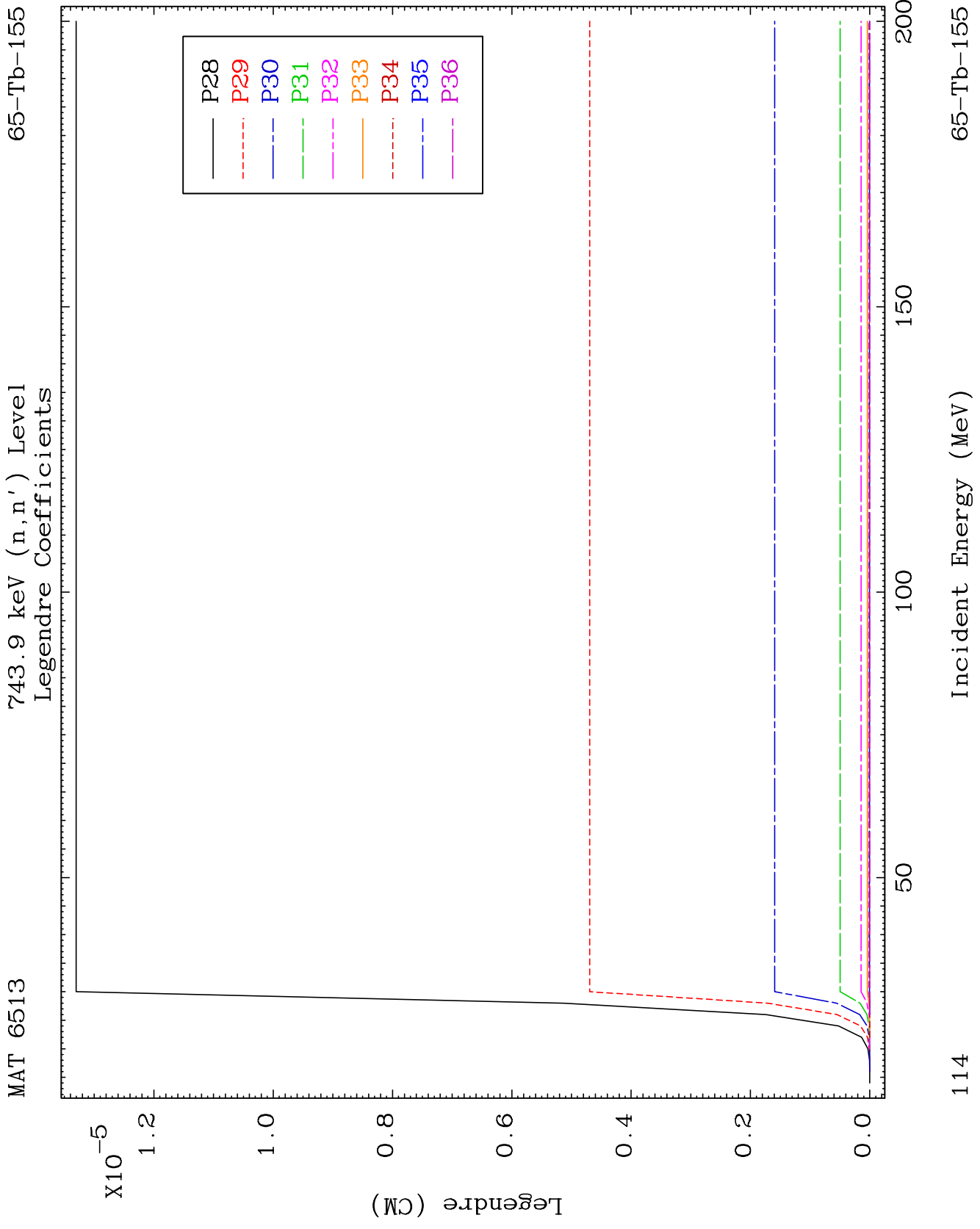


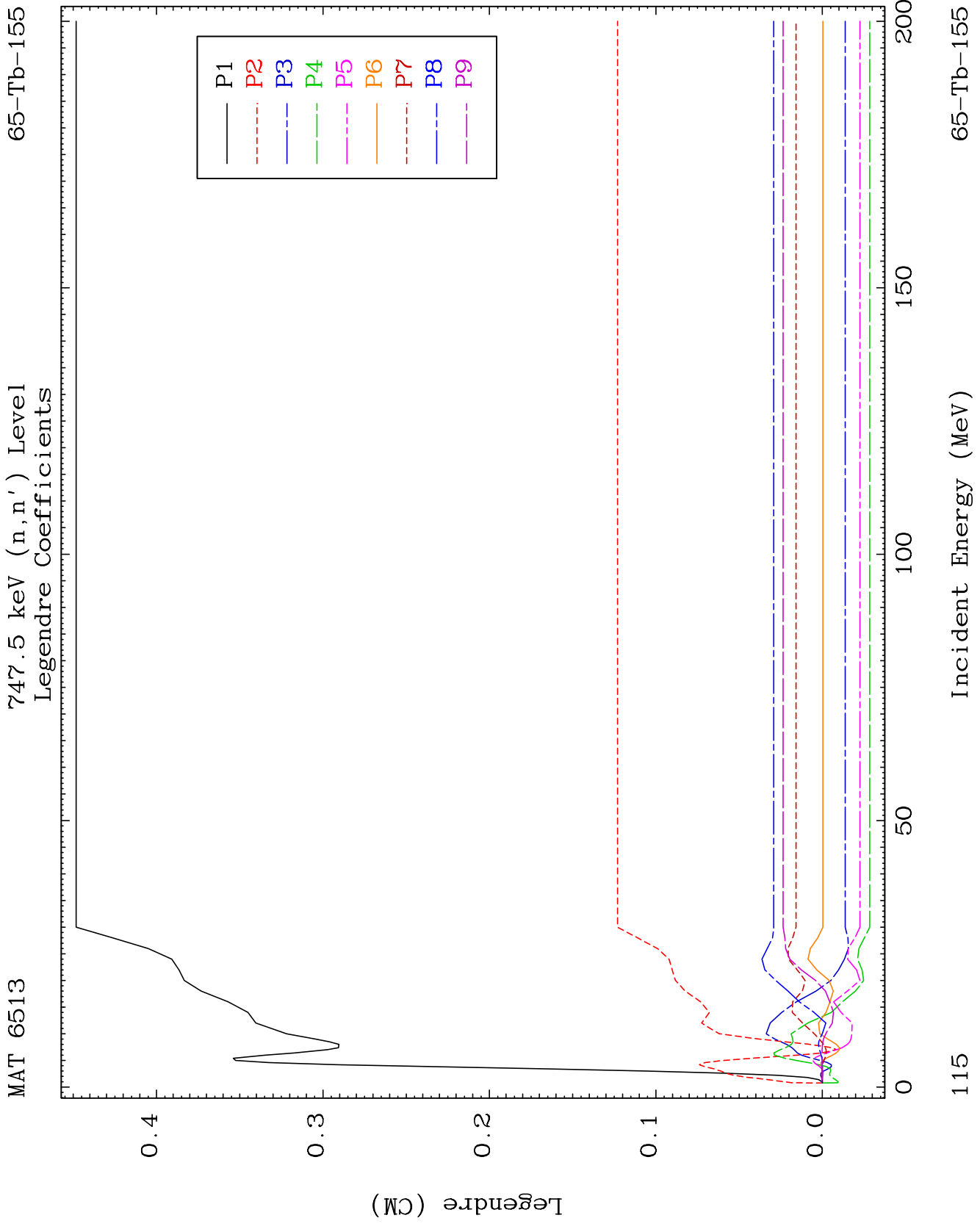








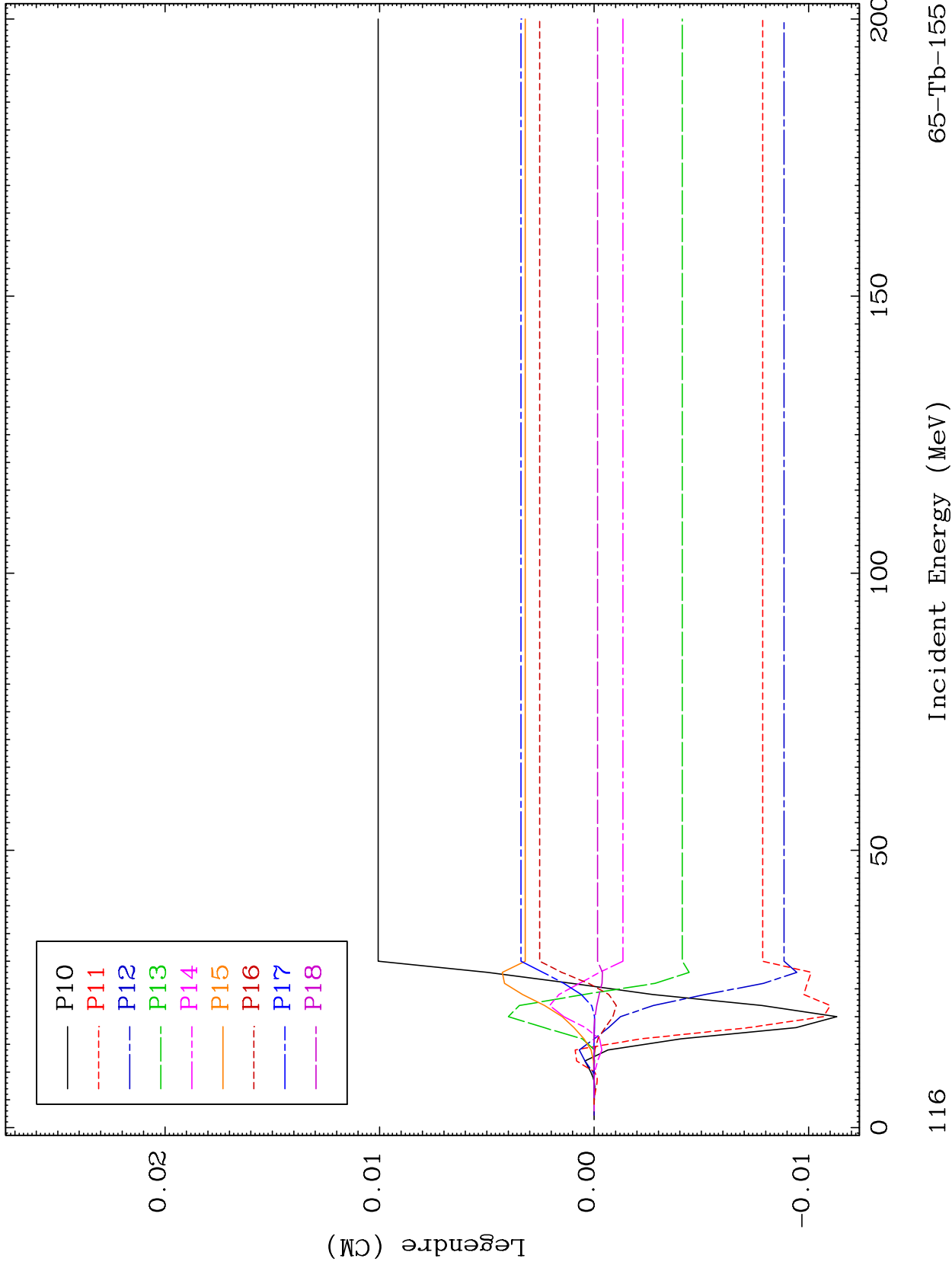




MAT 6513

747.5 keV (n,n') Level
Legendre Coefficients

65-Tb-155



116

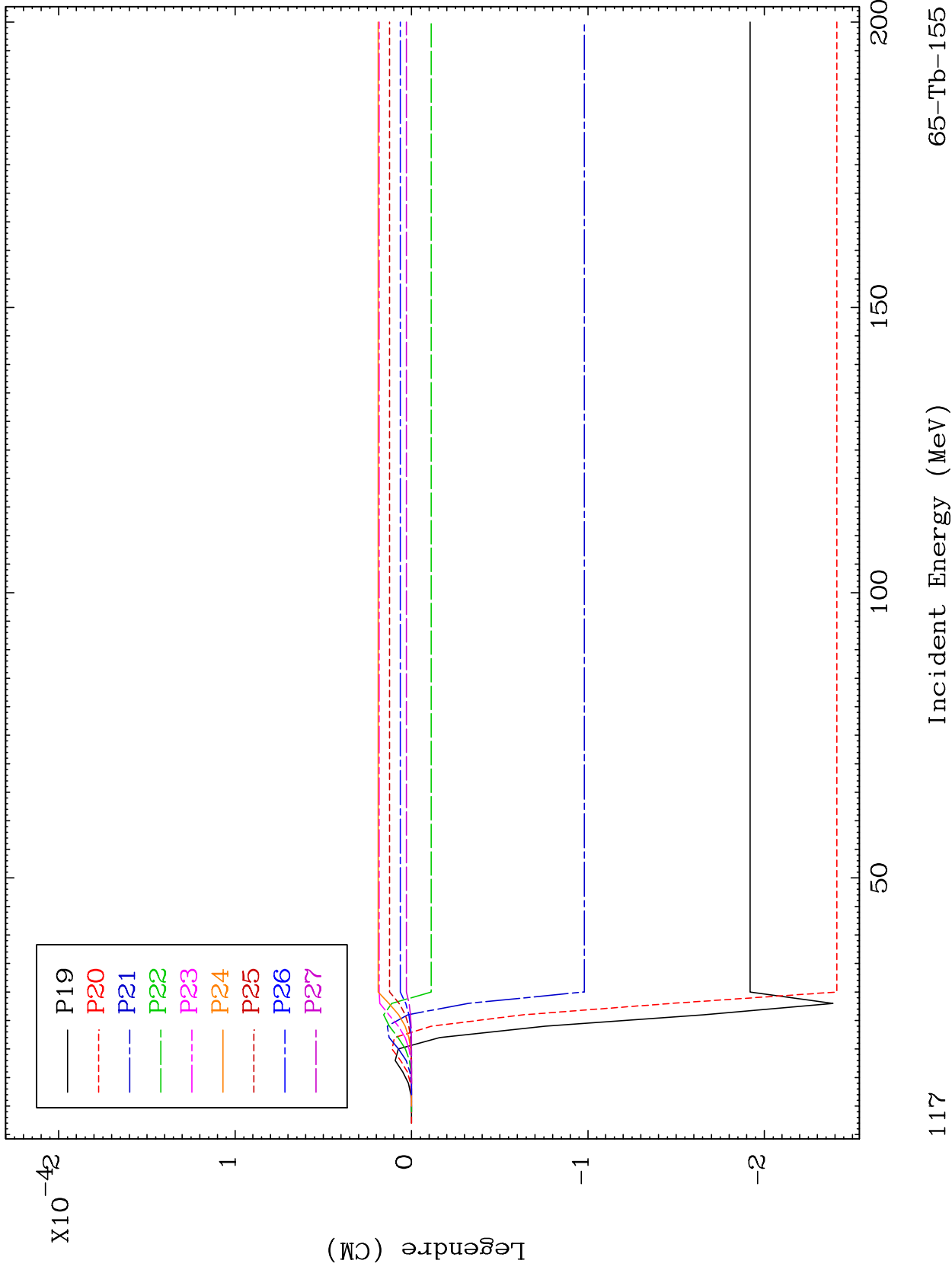
Incident Energy (MeV)

65-Tb-155

MAT 6513

747.5 keV (n, n') Level
Legendre Coefficients

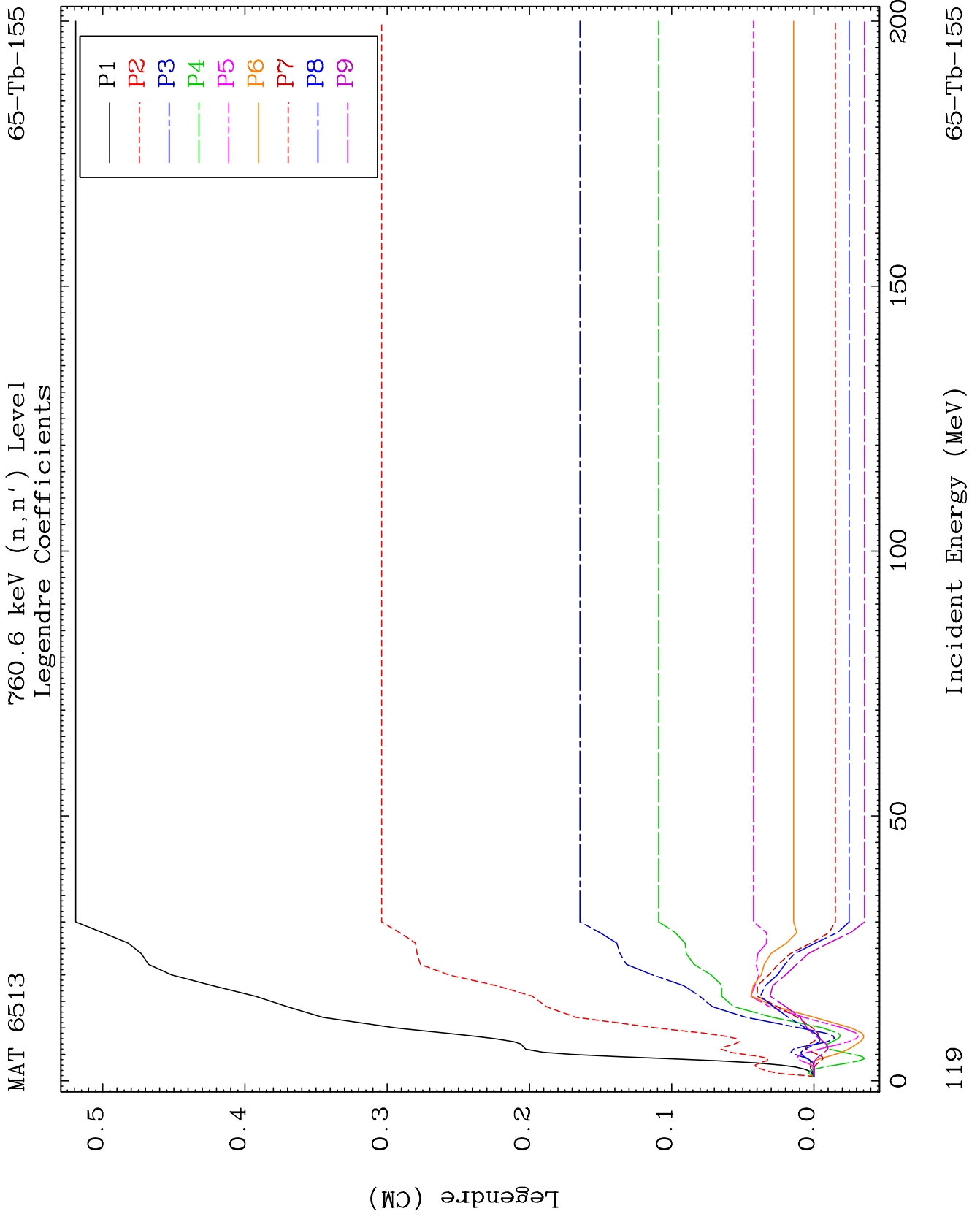
65-Tb-155

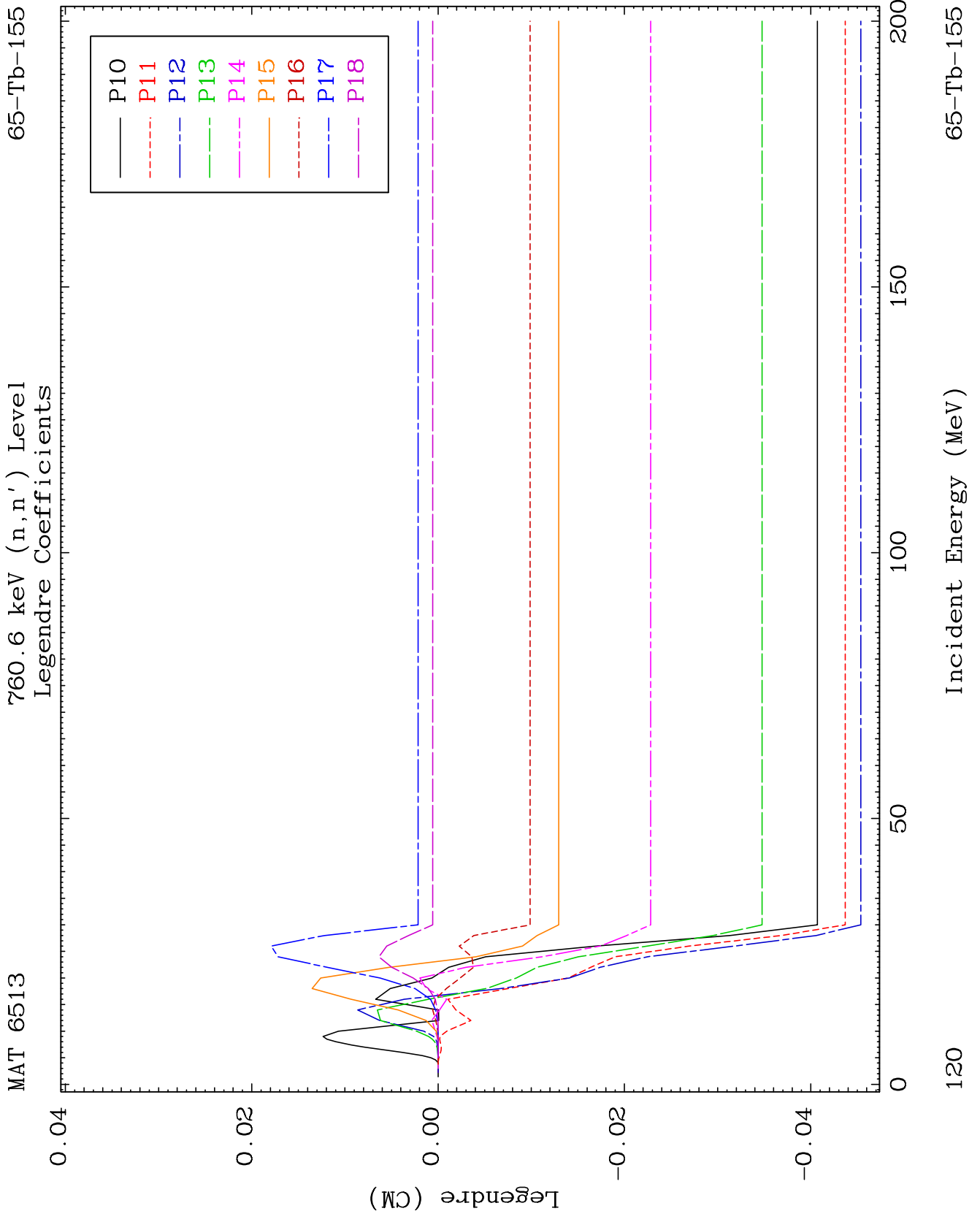


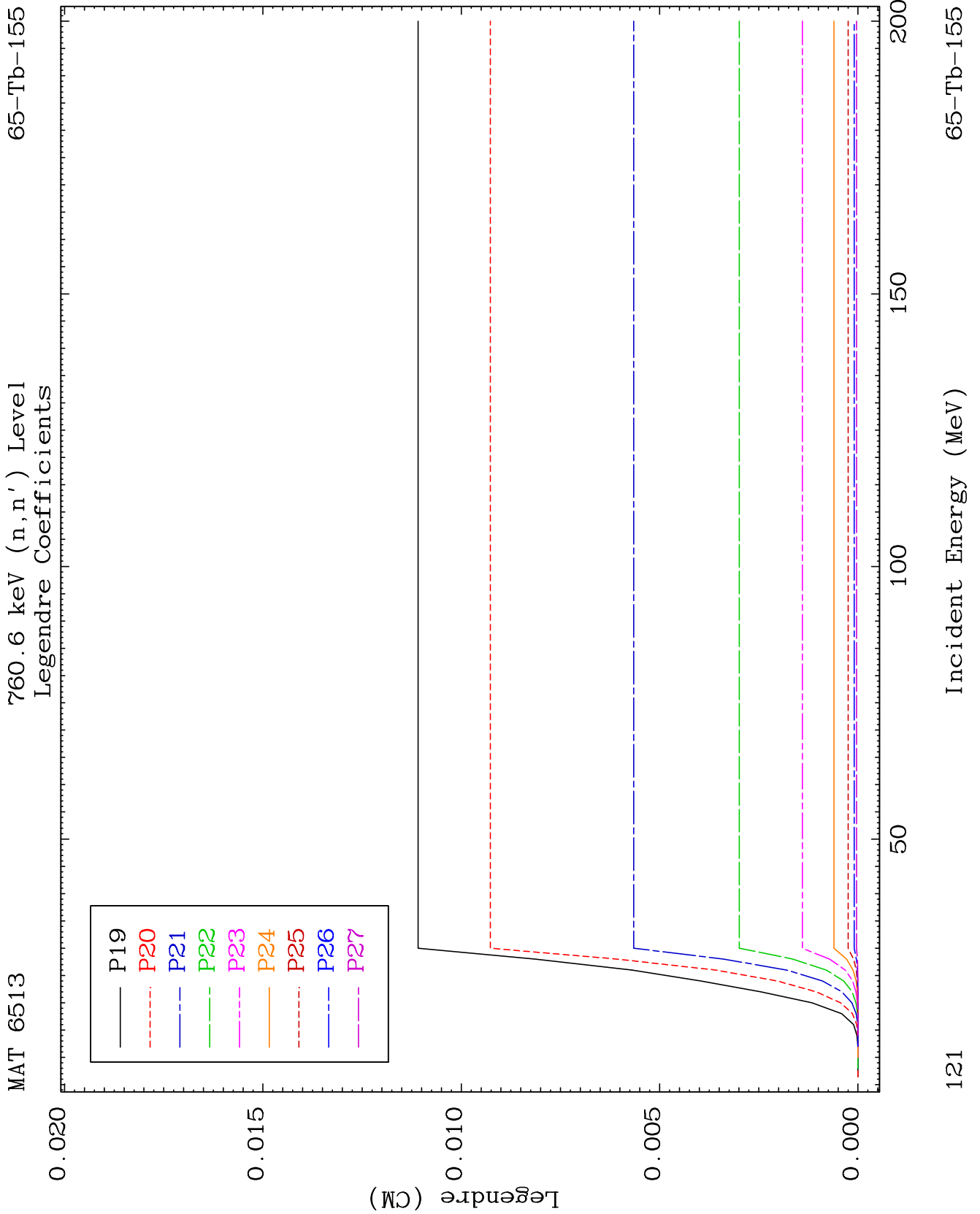
117

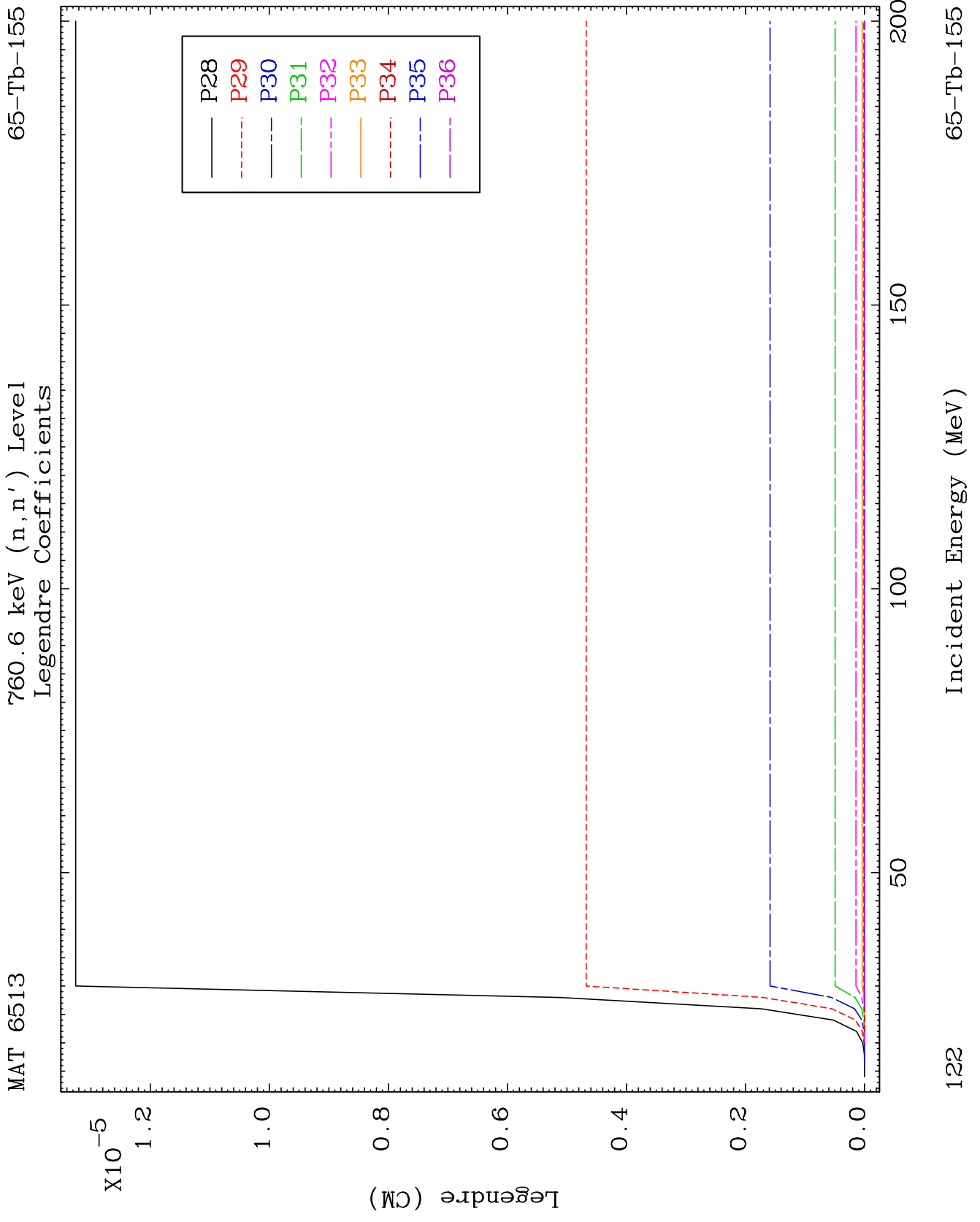
Incident Energy (MeV)

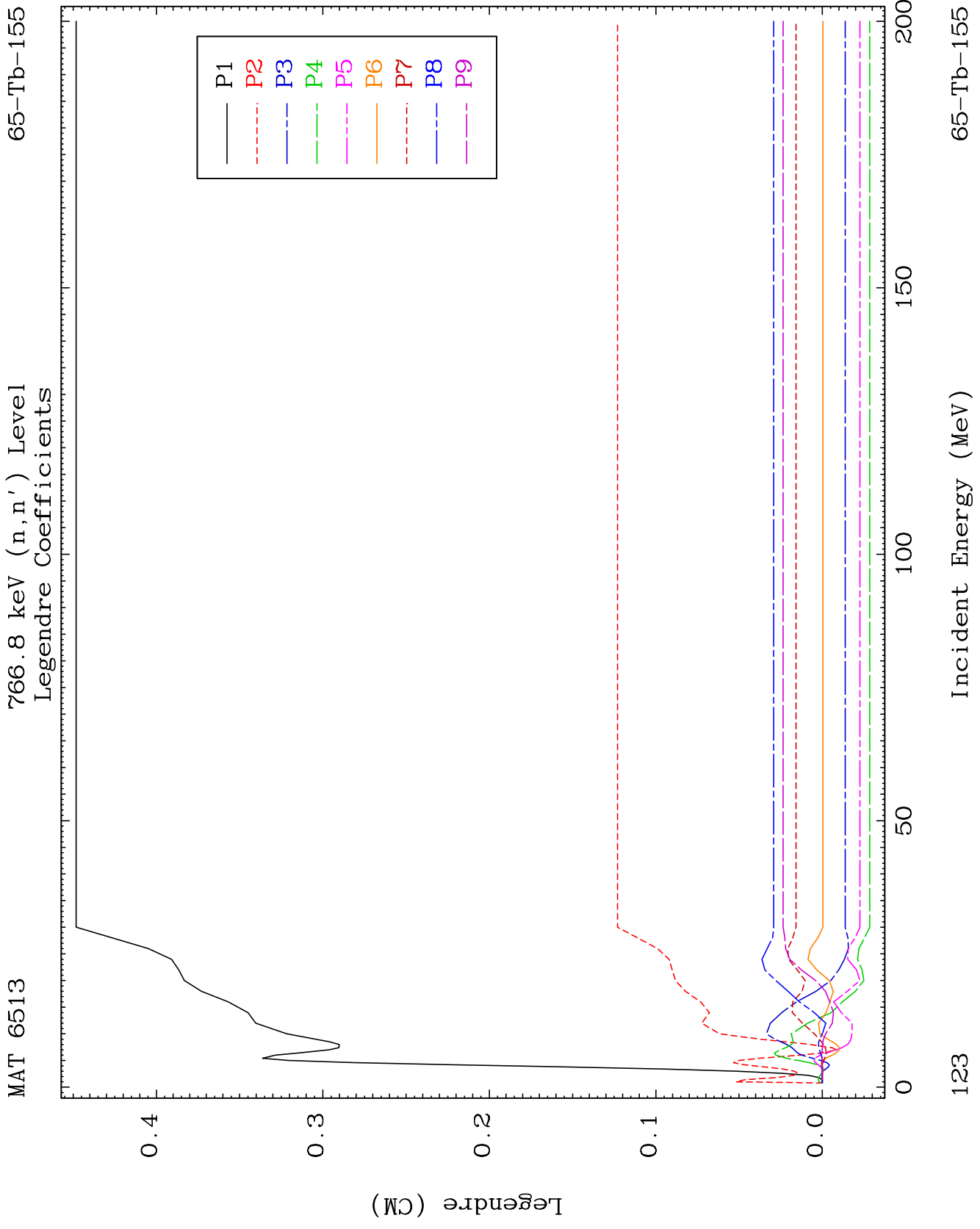
65-Tb-155







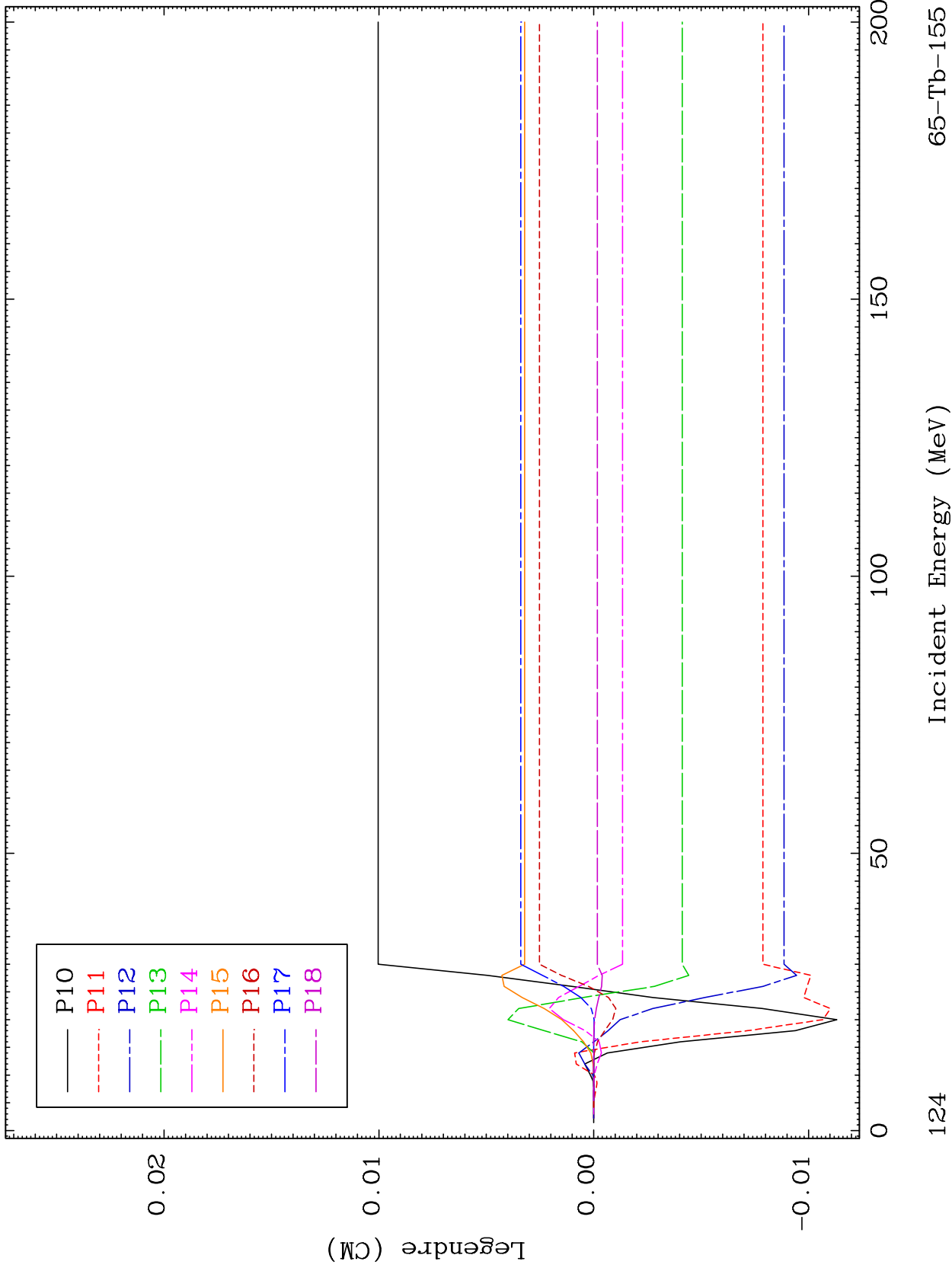




MAT 6513

766.8 keV (n,n') Level
Legendre Coefficients

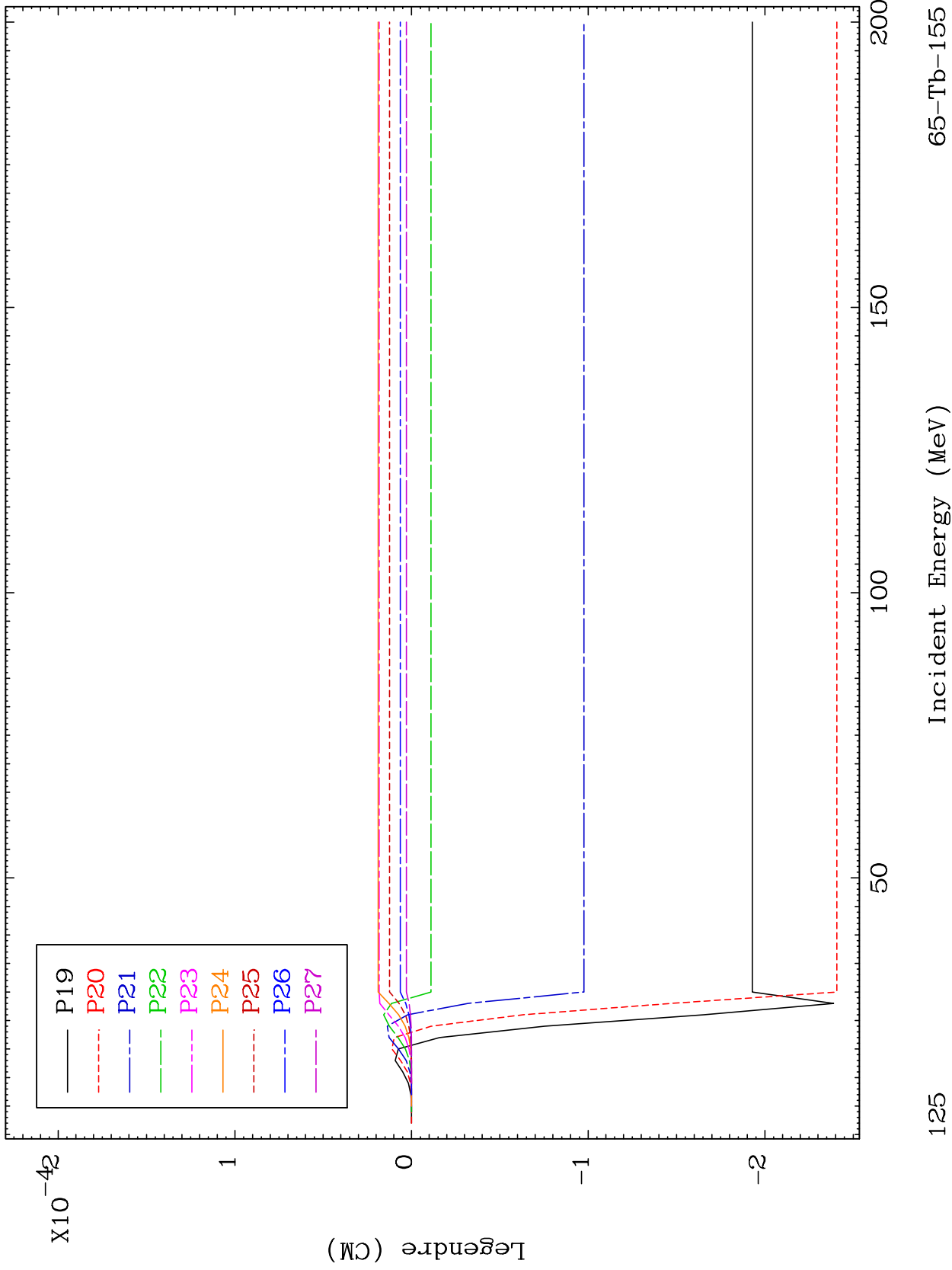
65-Tb-155



MAT 6513

766.8 keV (n,n') Level
Legendre Coefficients

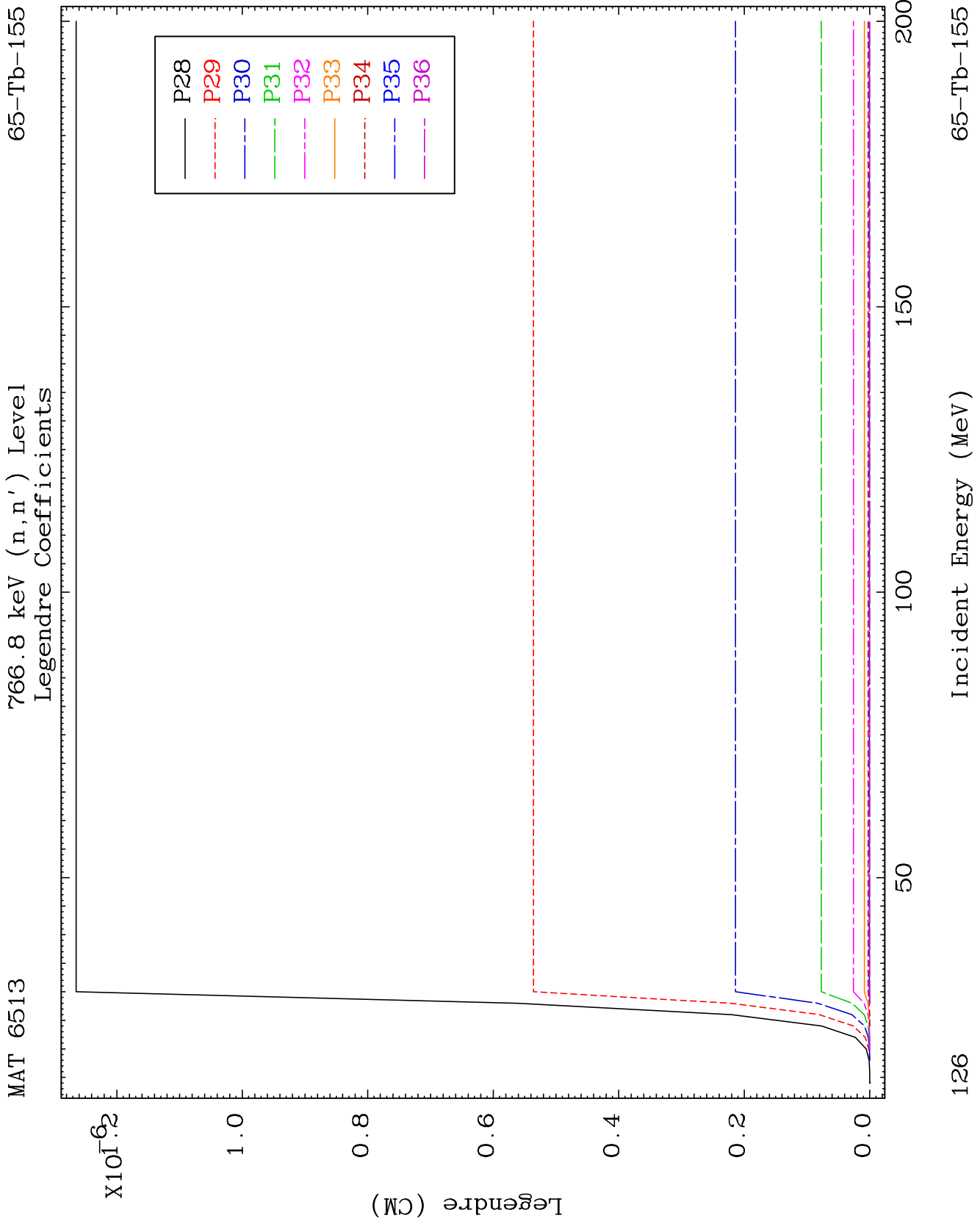
65-Tb-155

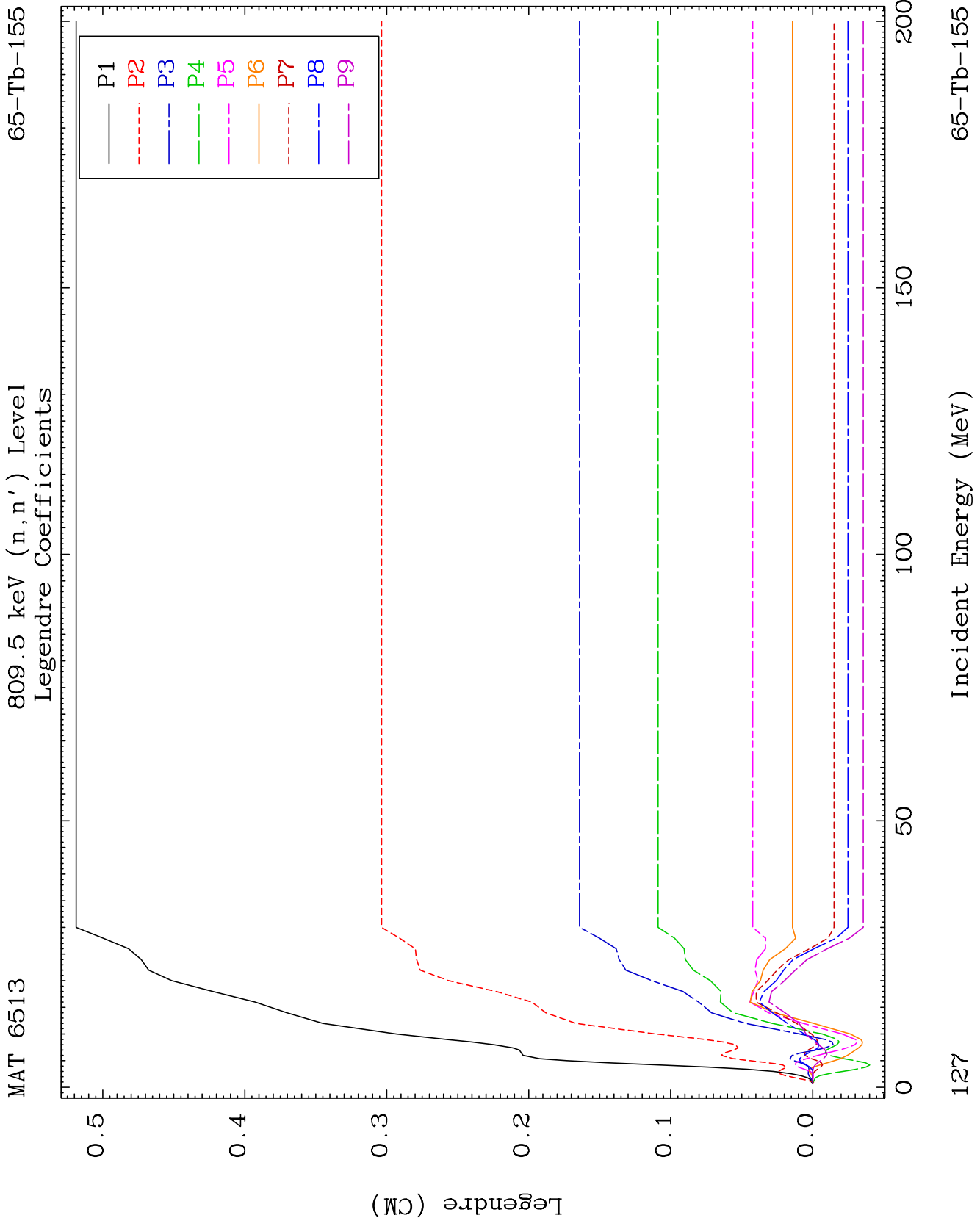


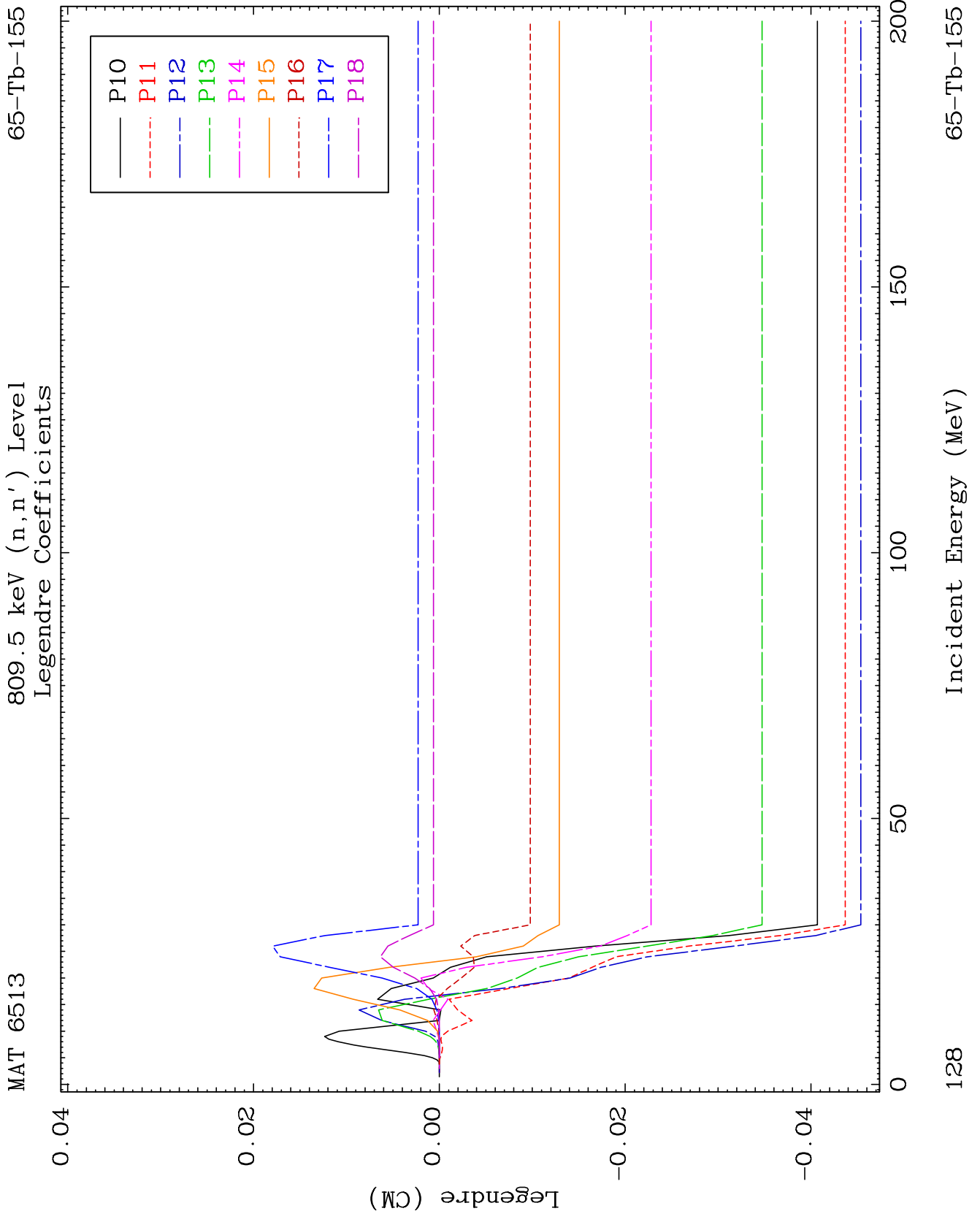
125

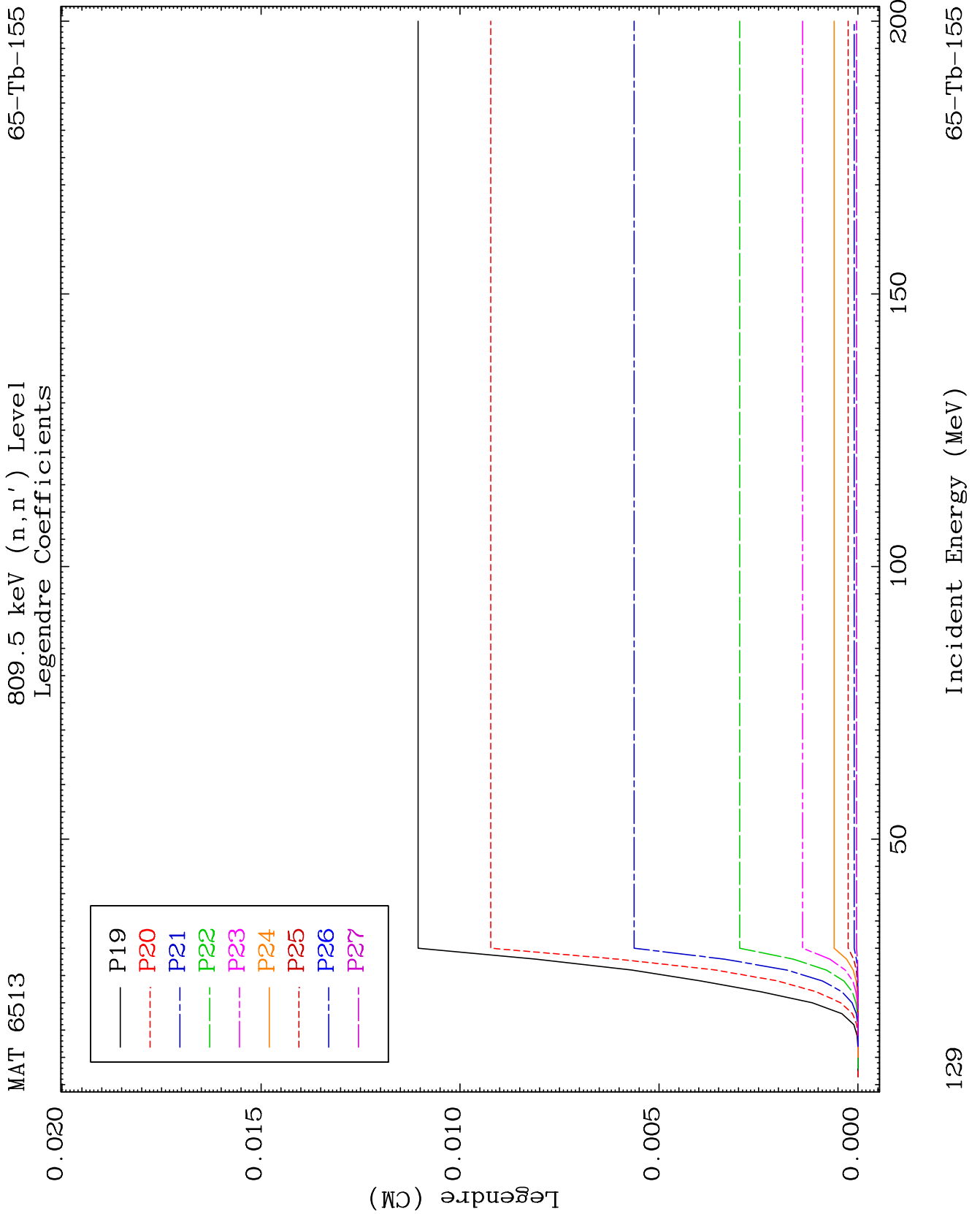
Incident Energy (MeV)

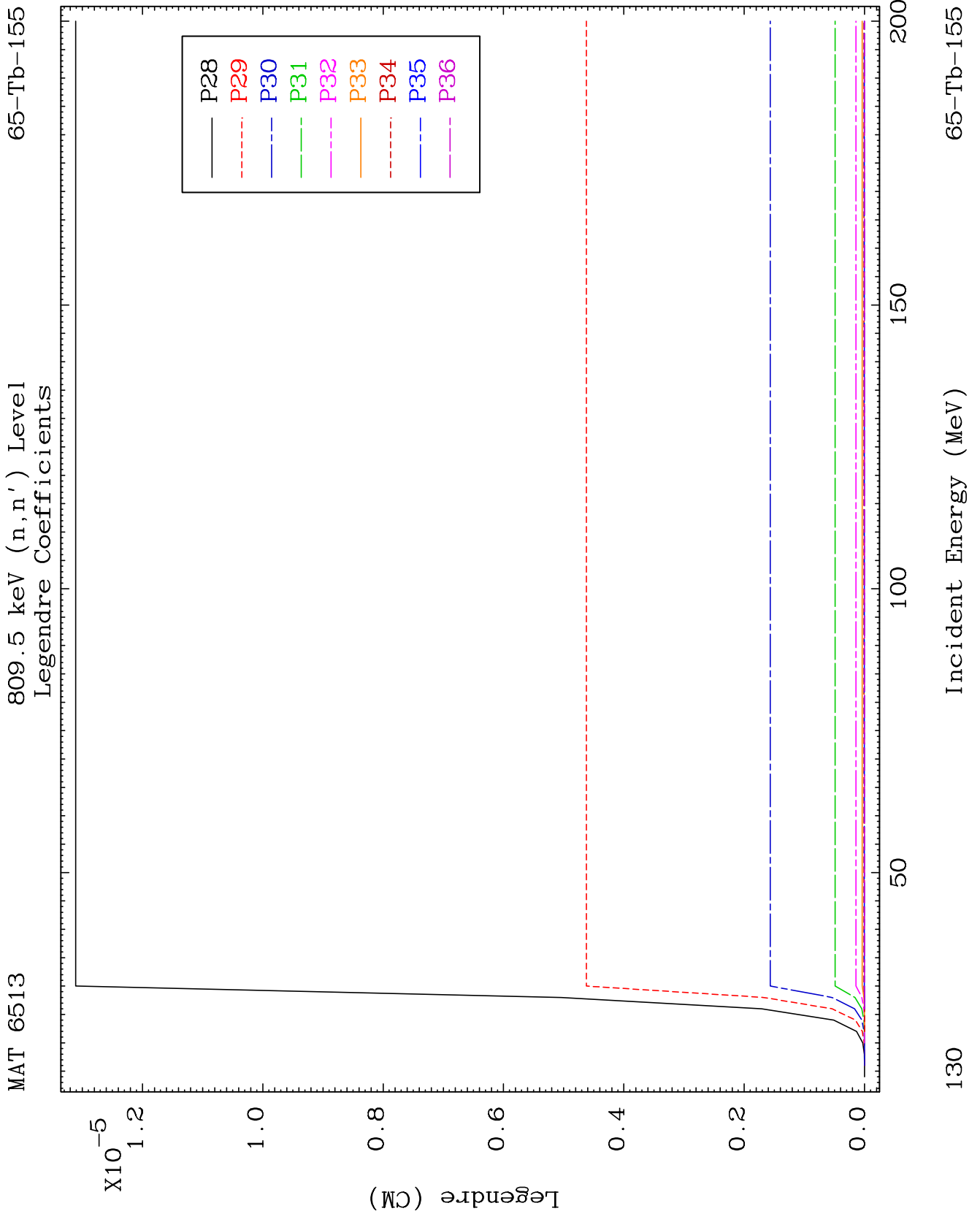
65-Tb-155









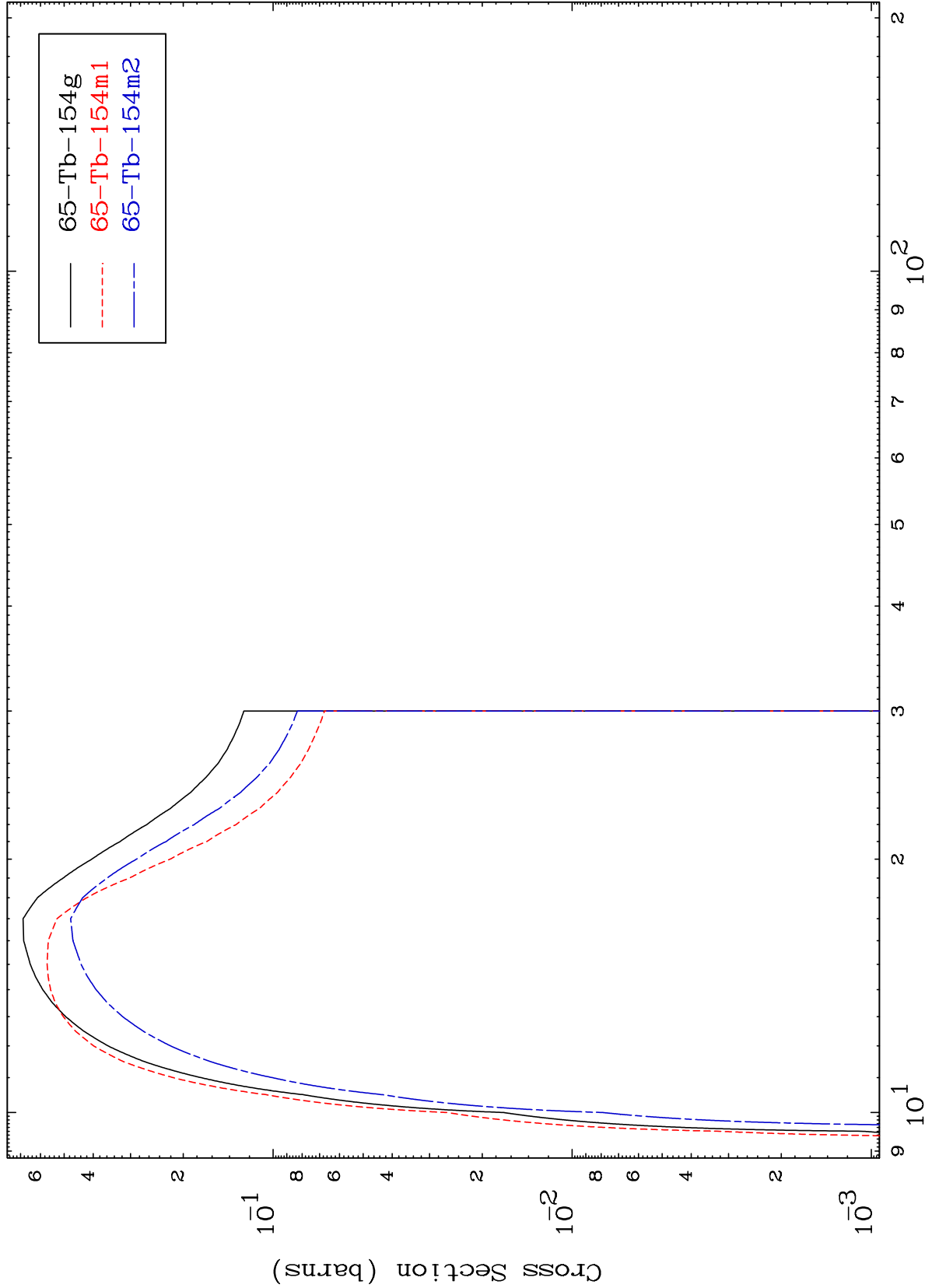


MAT 6513

(n,2n)

65-Tb-155

Radionuclide Production Cross Section



131

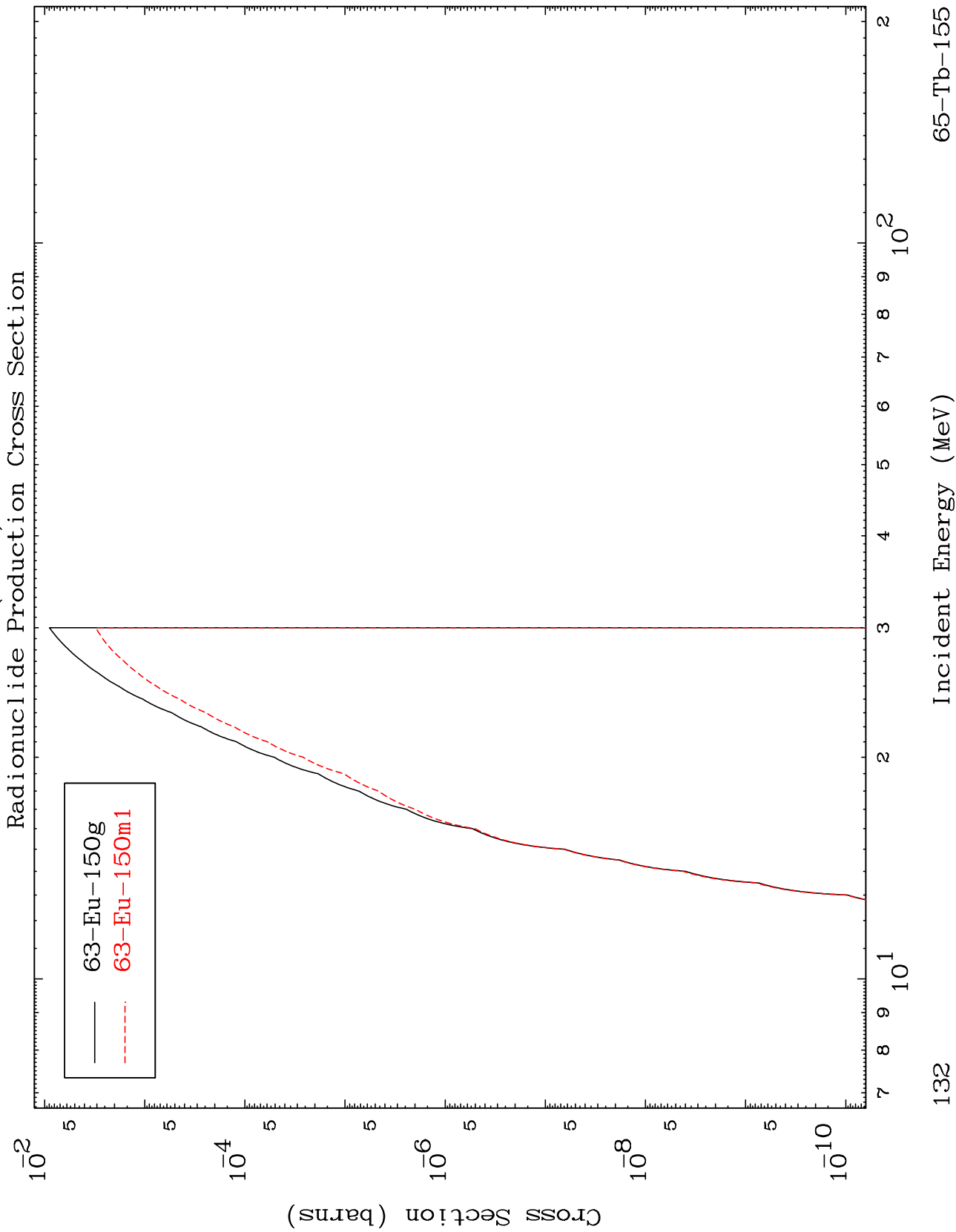
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,2n) α

65-Tb-155



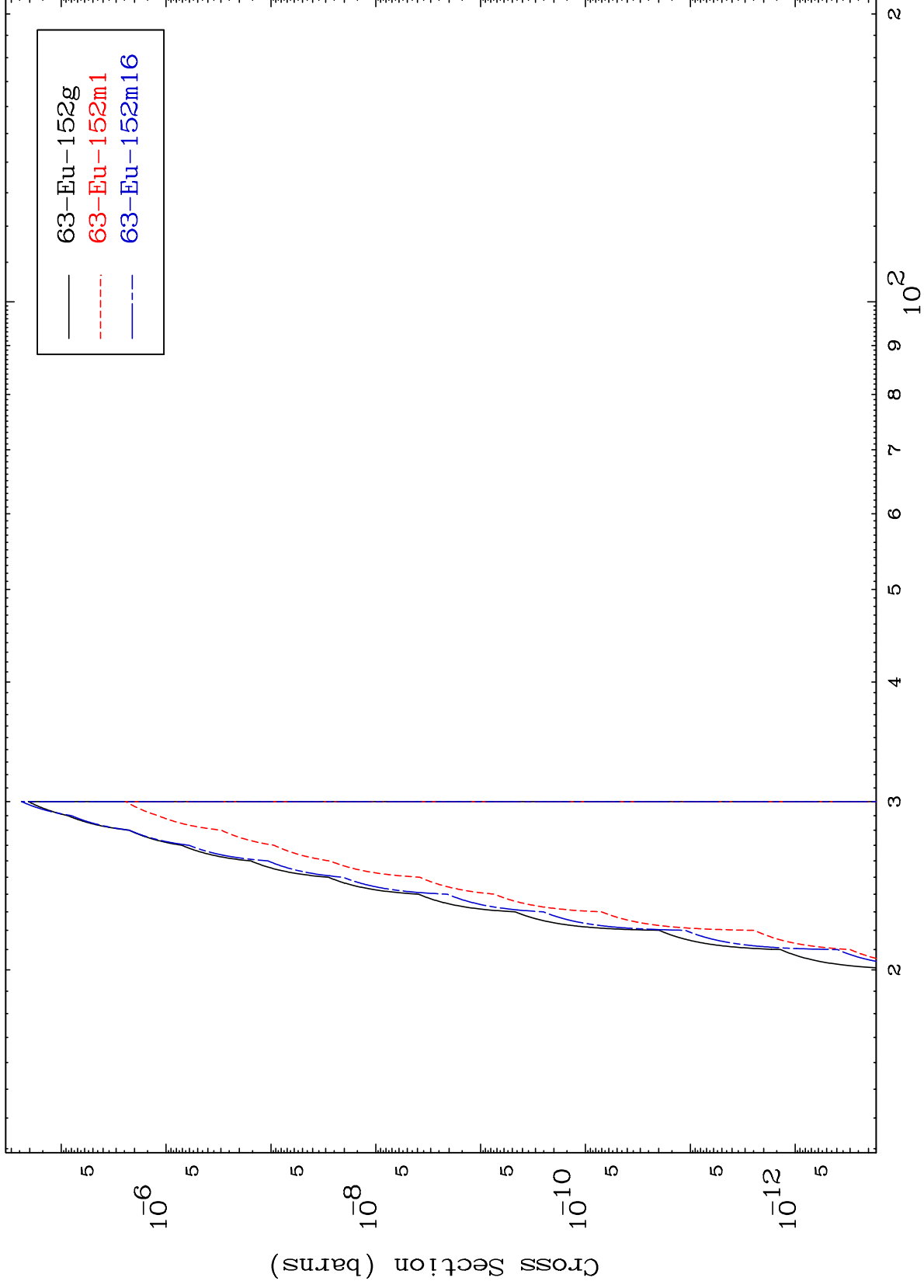
132

MAT 6513

(n,n') He-3

65-Tb-155

Radionuclide Production Cross Section



133

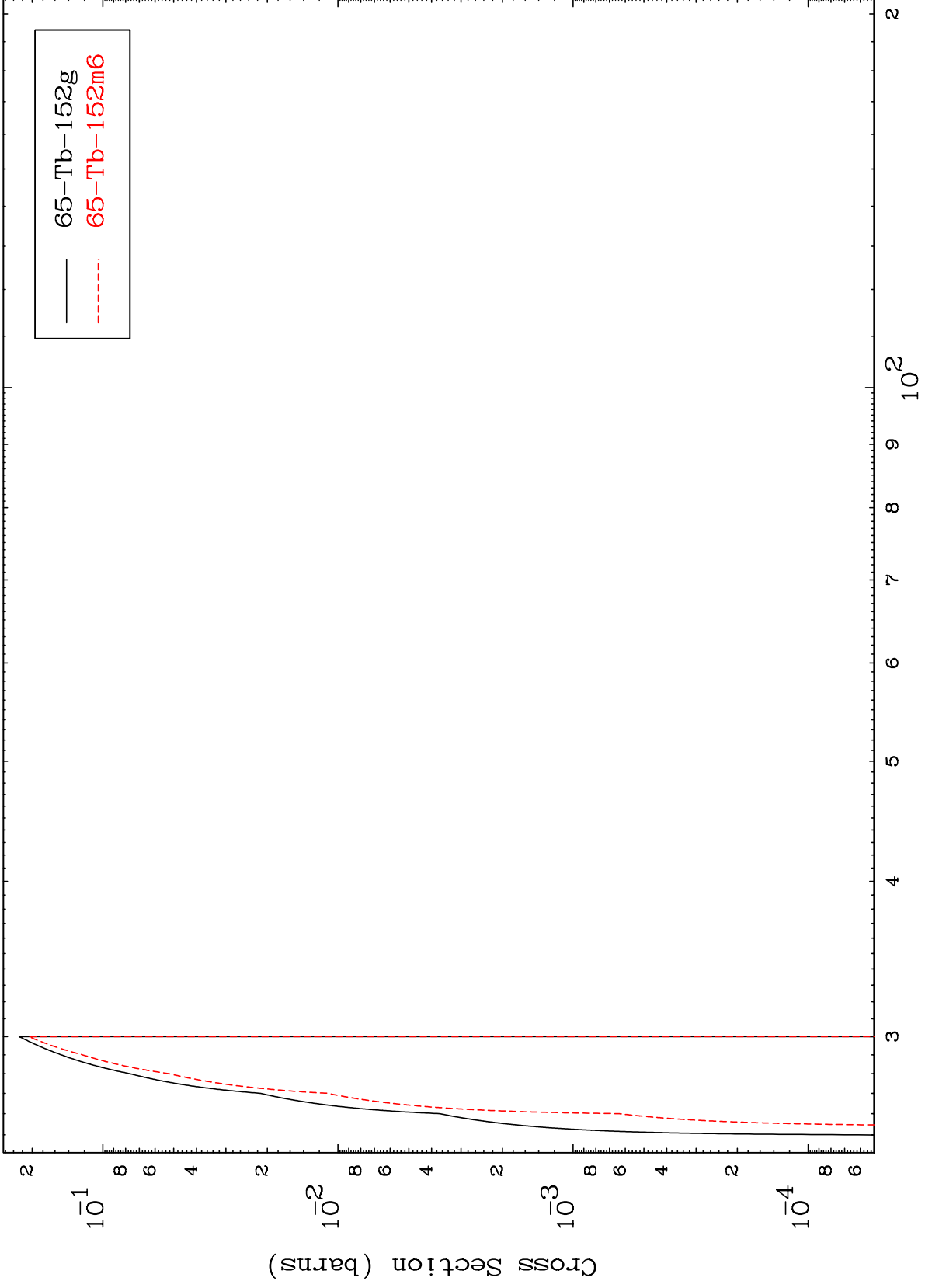
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

(n,4n)
Radionuclide Production Cross Section



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

134

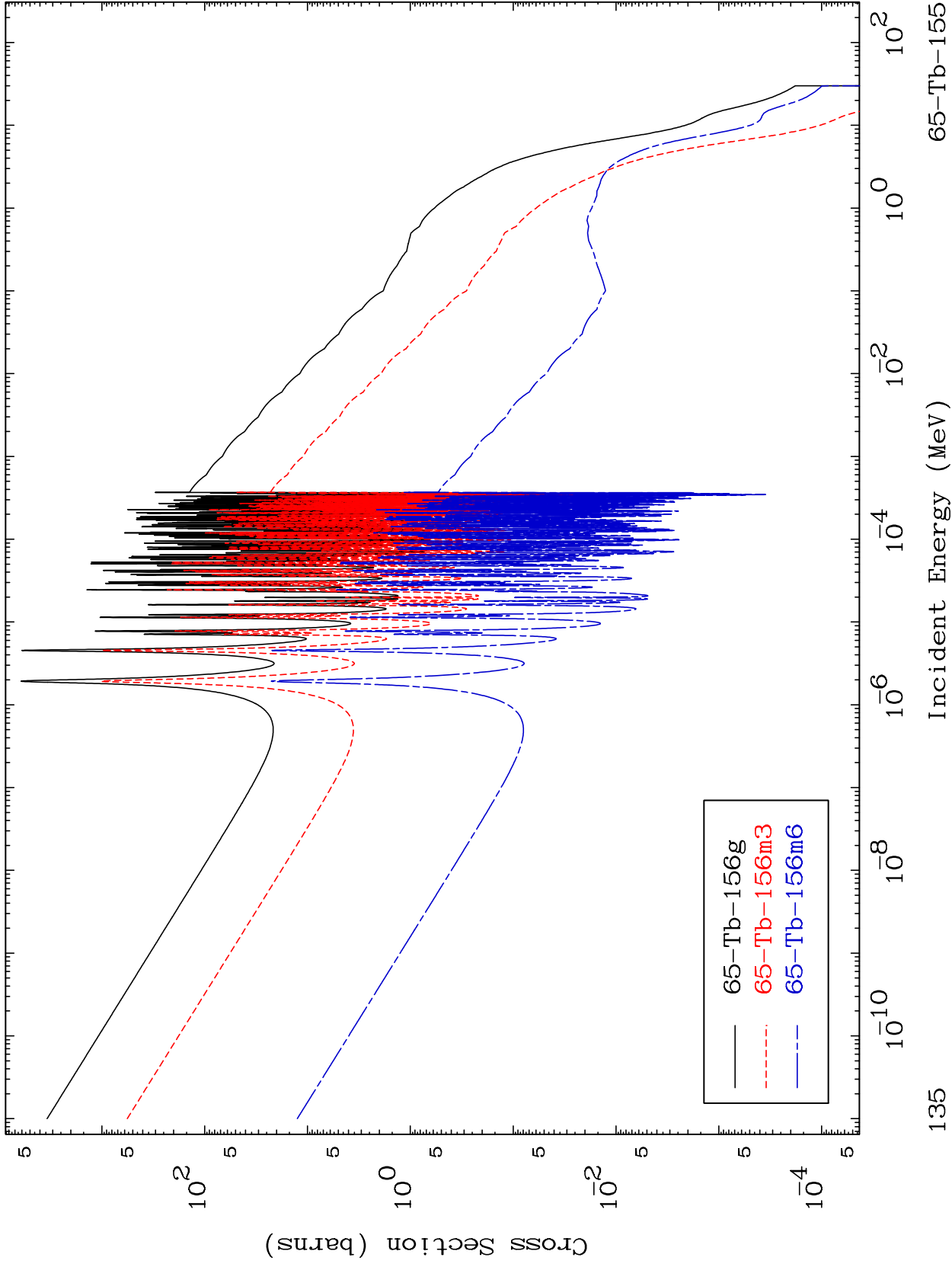
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

(n, γ)
Radionuclide Production Cross Section



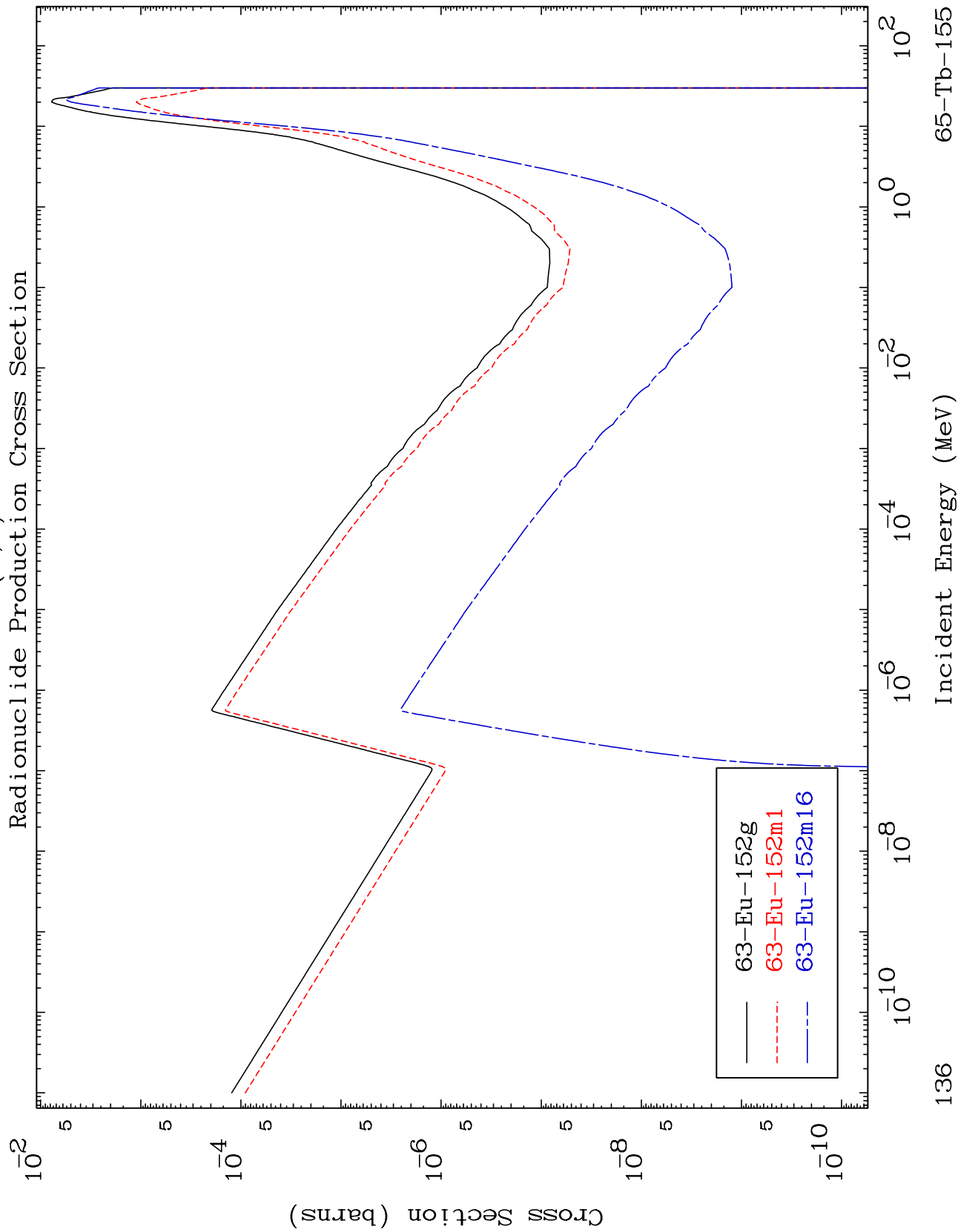
135

MAT 6513

(n, α)

65-Tb-155

Radionuclide Production Cross Section

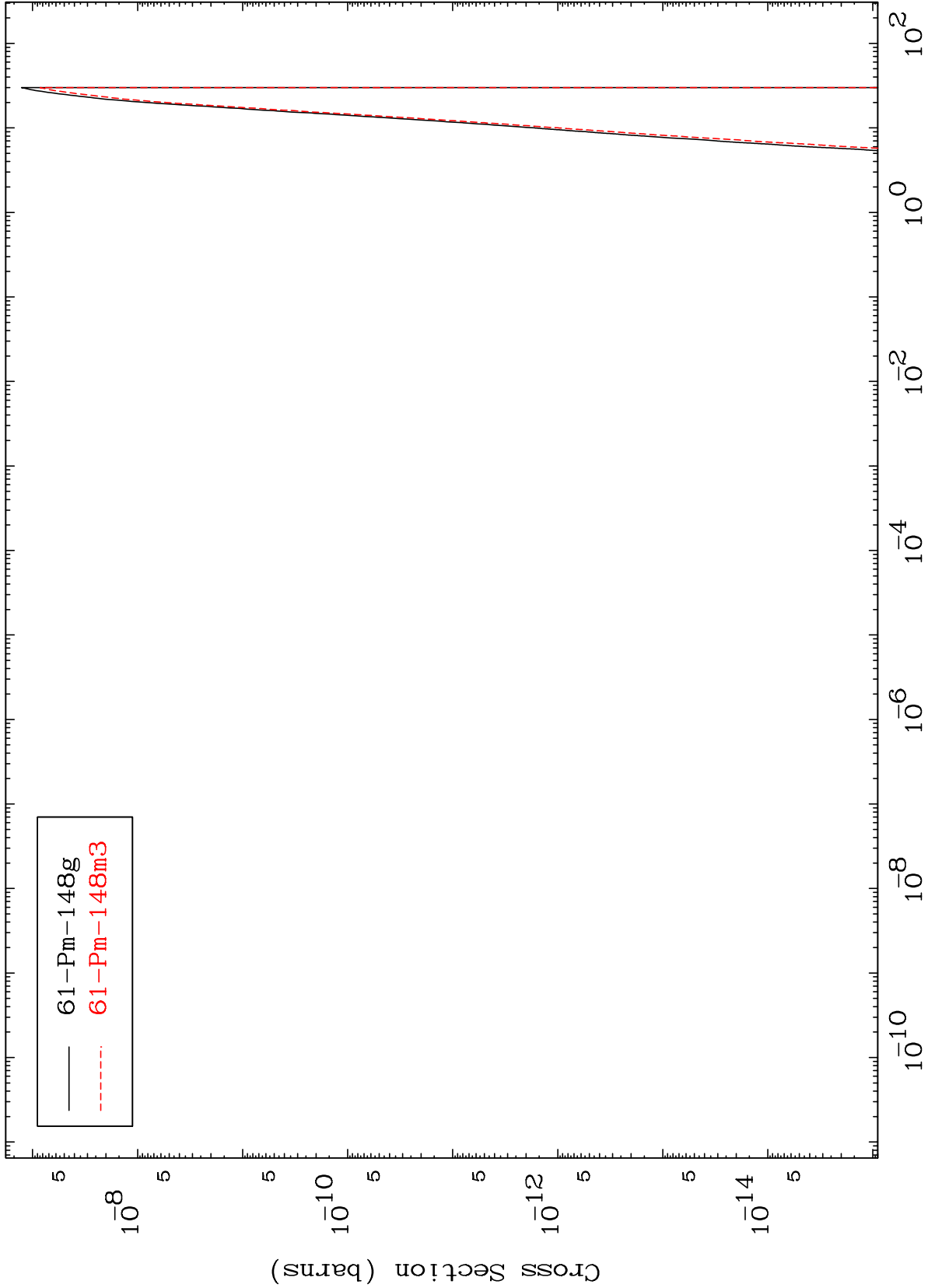


MAT 6513

(n,2α)

65-Tb-155

Radionuclide Production Cross Section



137

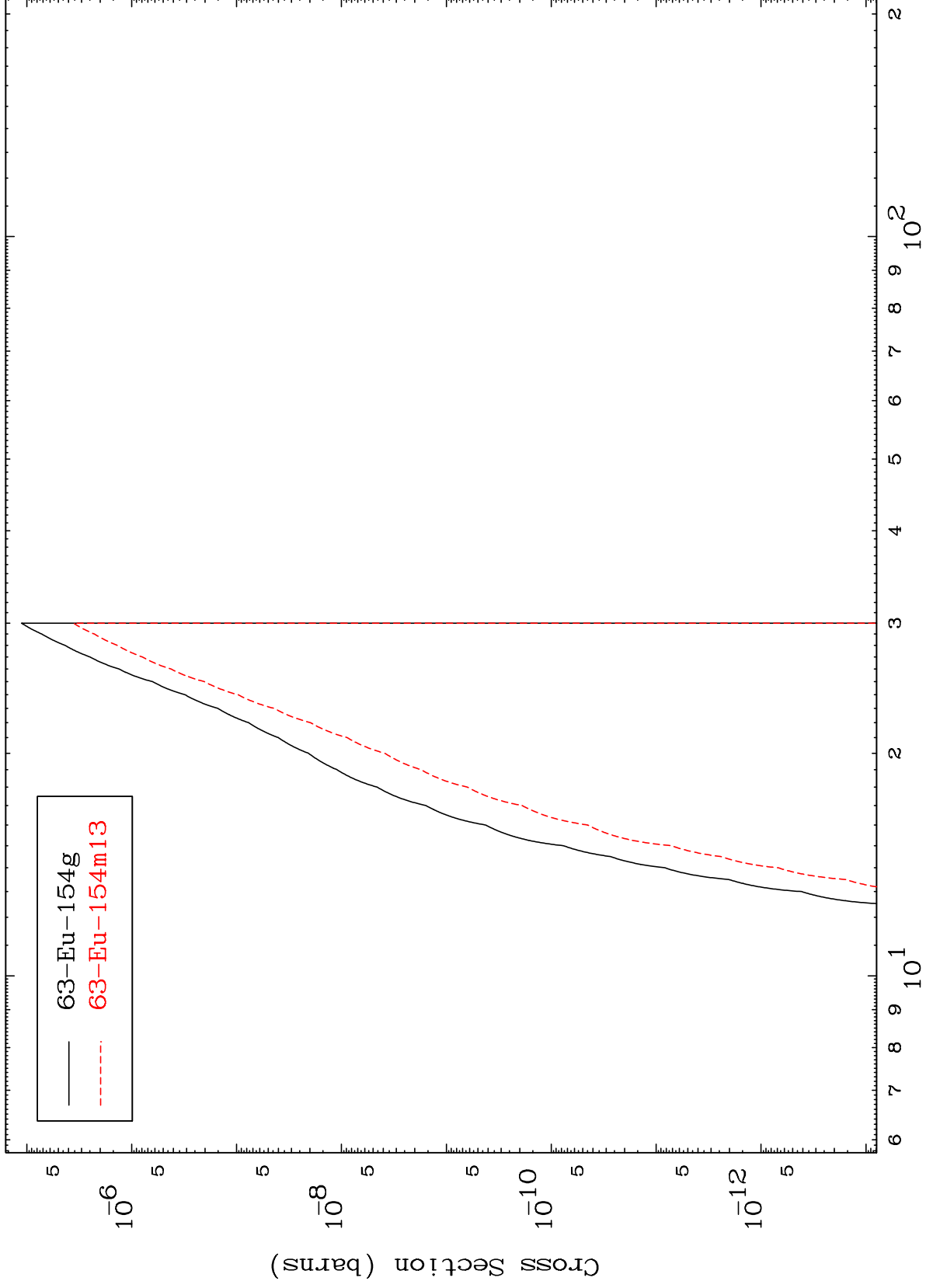
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

(n,2p)
Radionuclide Production Cross Section



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

65-Tb-155

Incident Energy (MeV)

138

Radionuclide Production Cross Section

