

Program EVALPLOT
(Version 2021-1)

by

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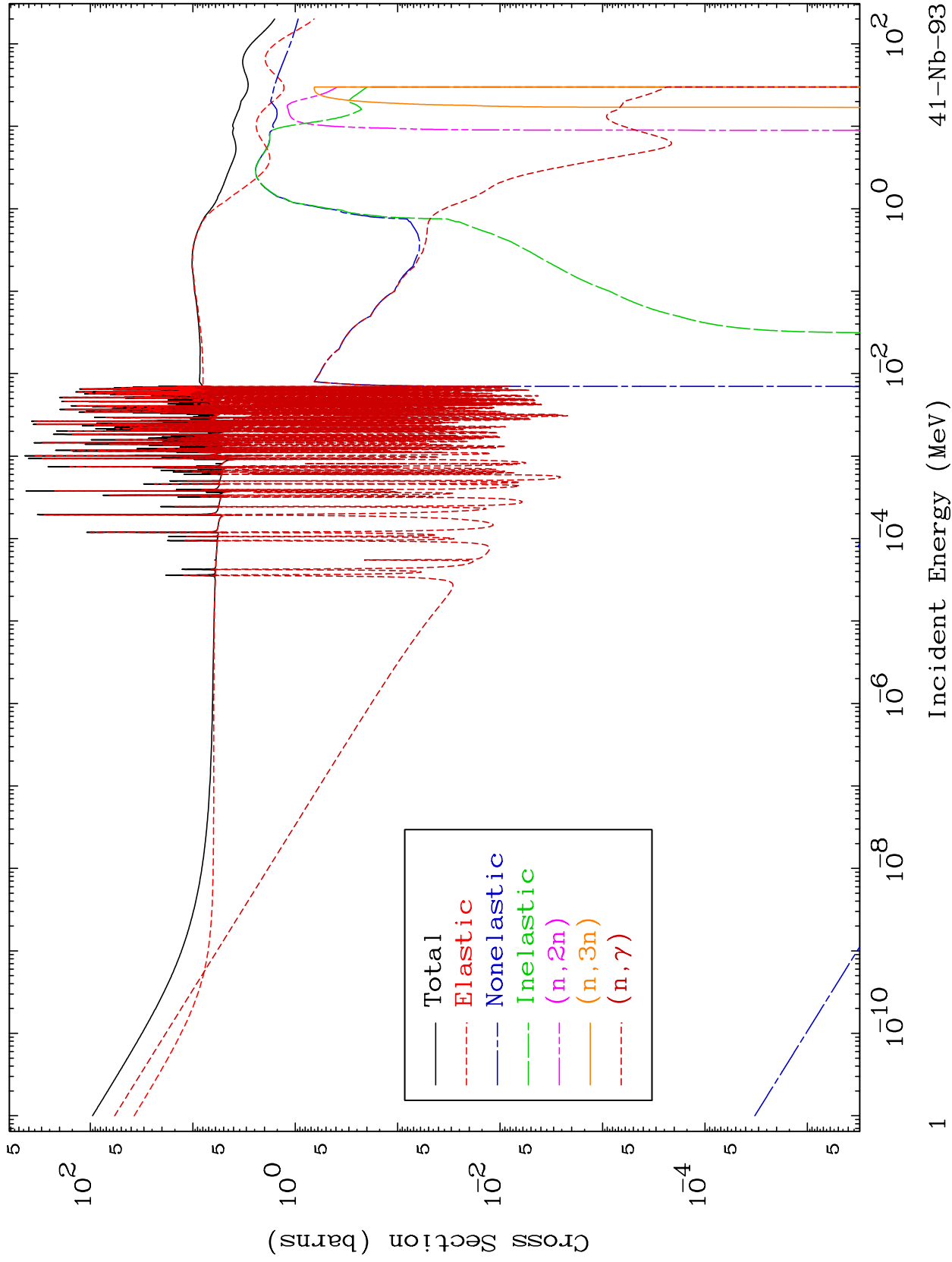
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Press Mouse Button to Start

MAT 4125

Neutron Major
293 Kelvin Cross Sections

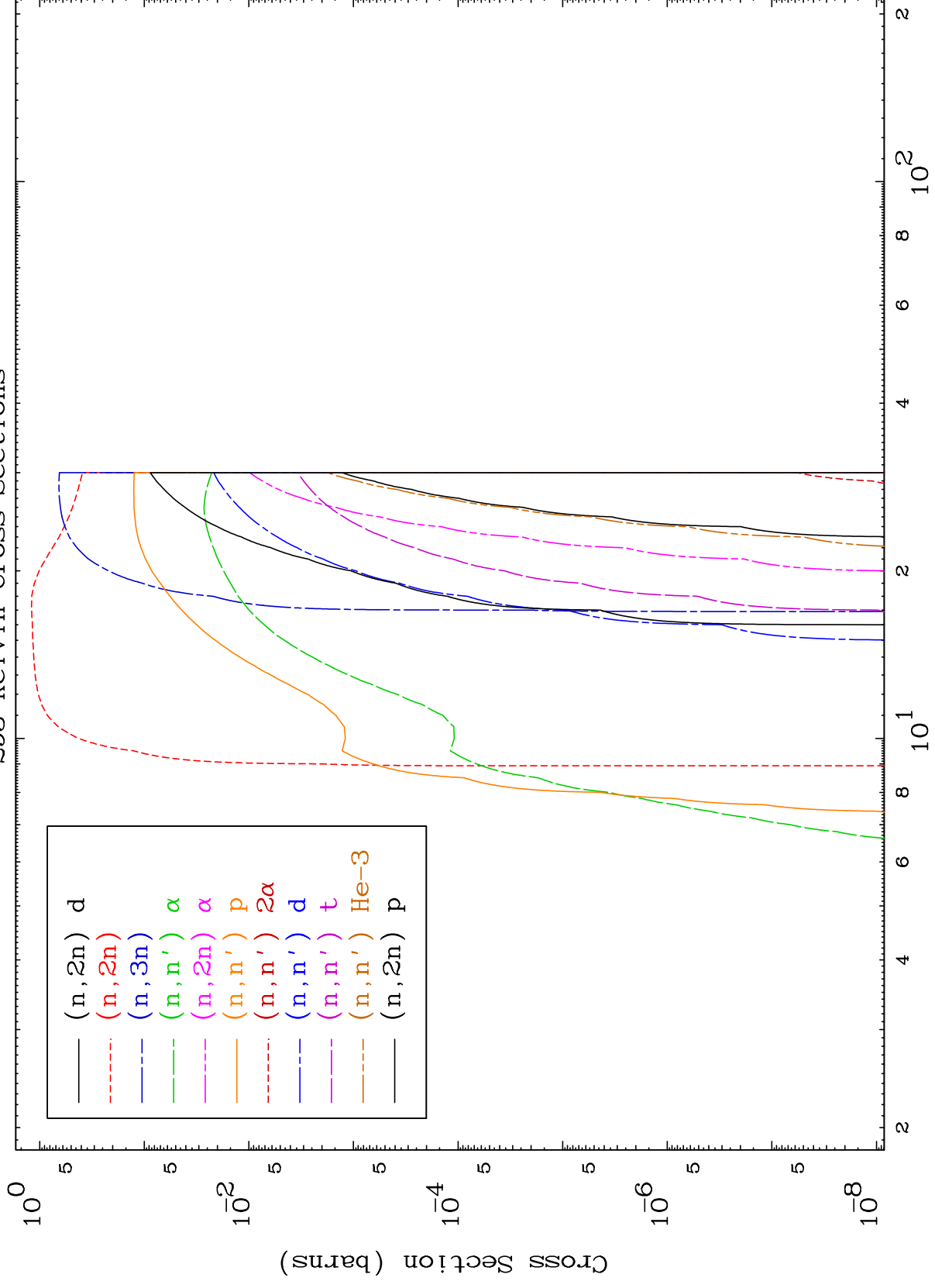
41-Nb-93



MAT 4125

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-93



2

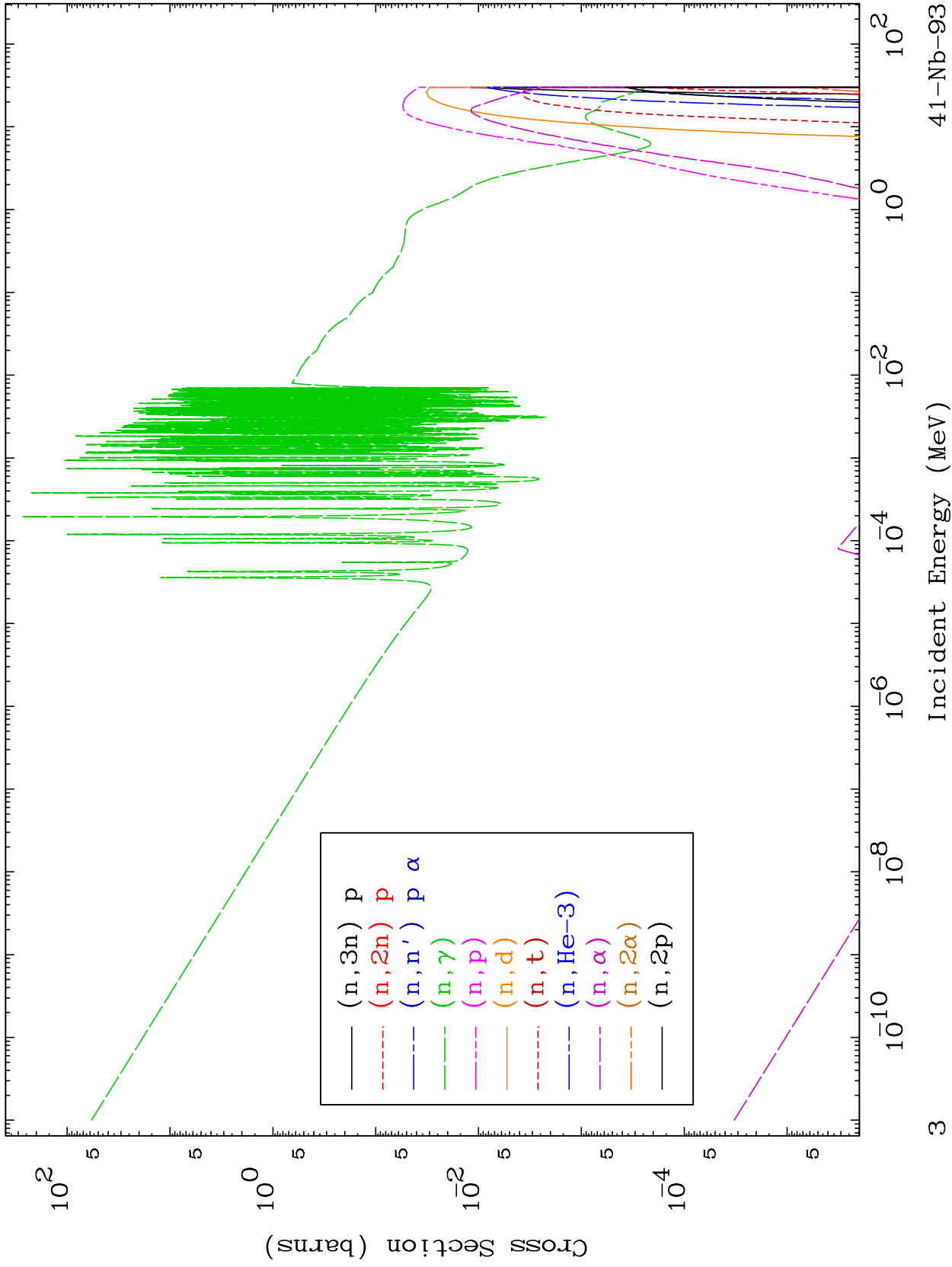
Incident Energy (MeV)

41-Nb-93

MAT 4125

Neutron Absorption
293 Kelvin Cross Sections

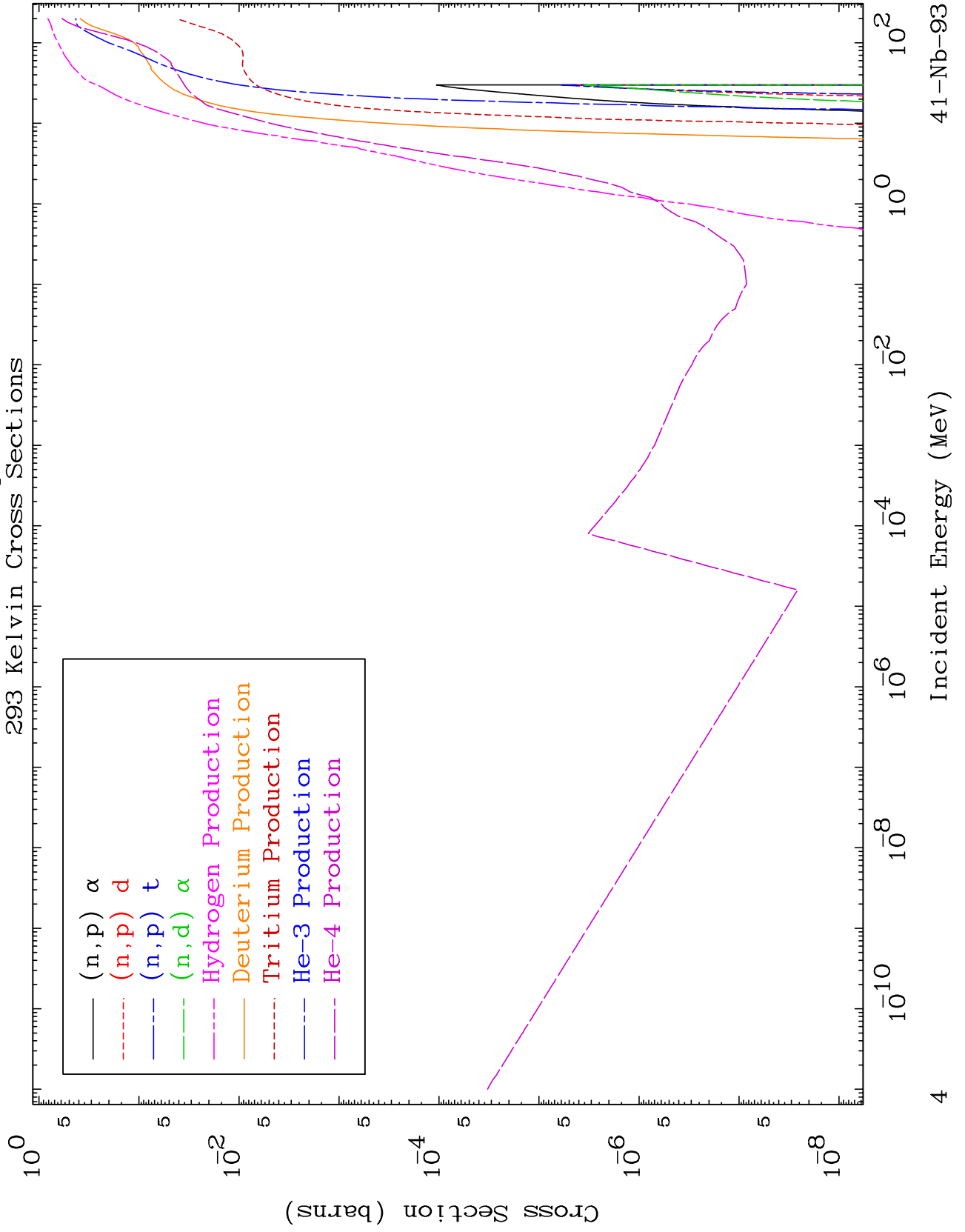
41-Nb-93

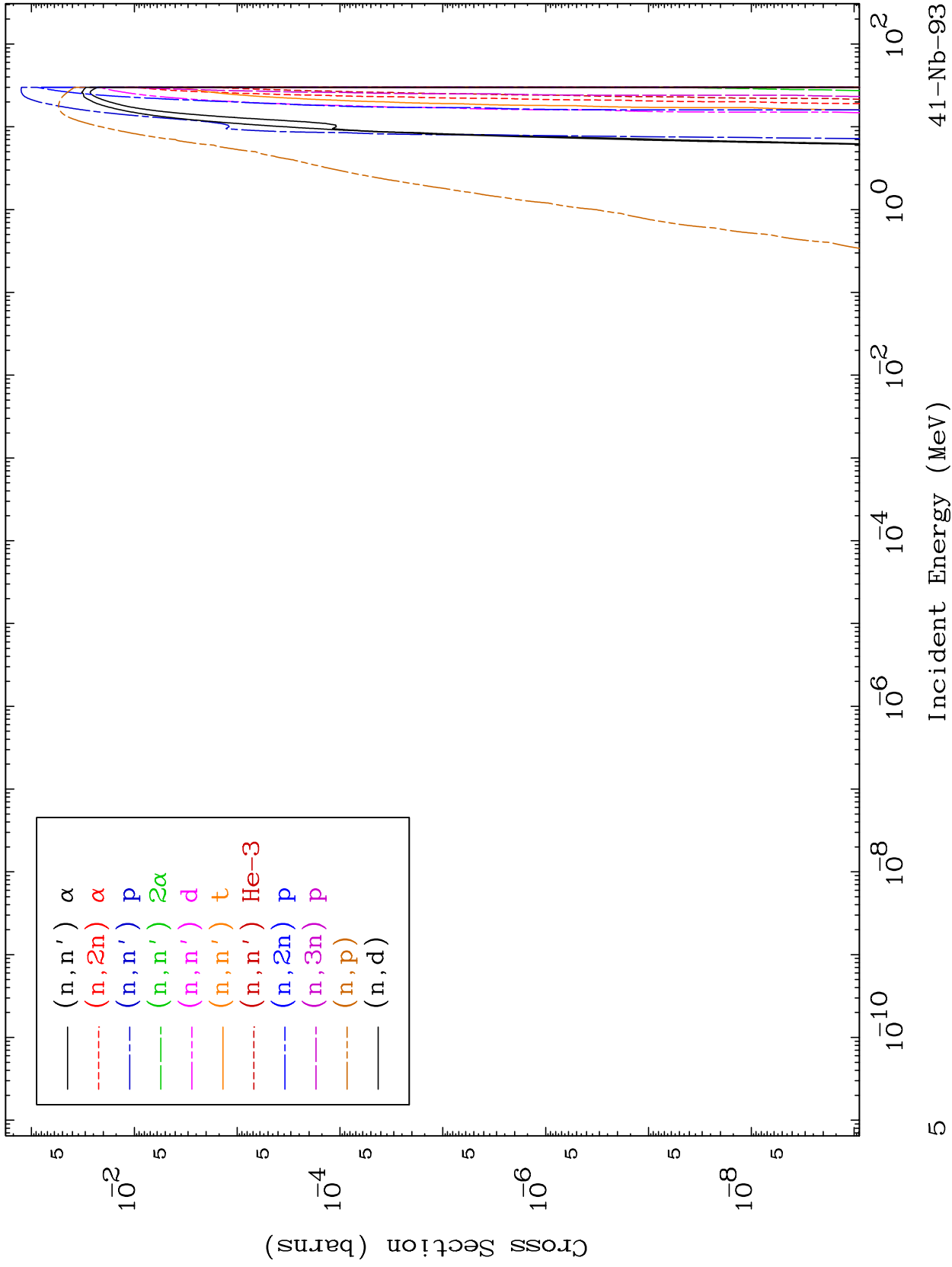


MAT 4125

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-93

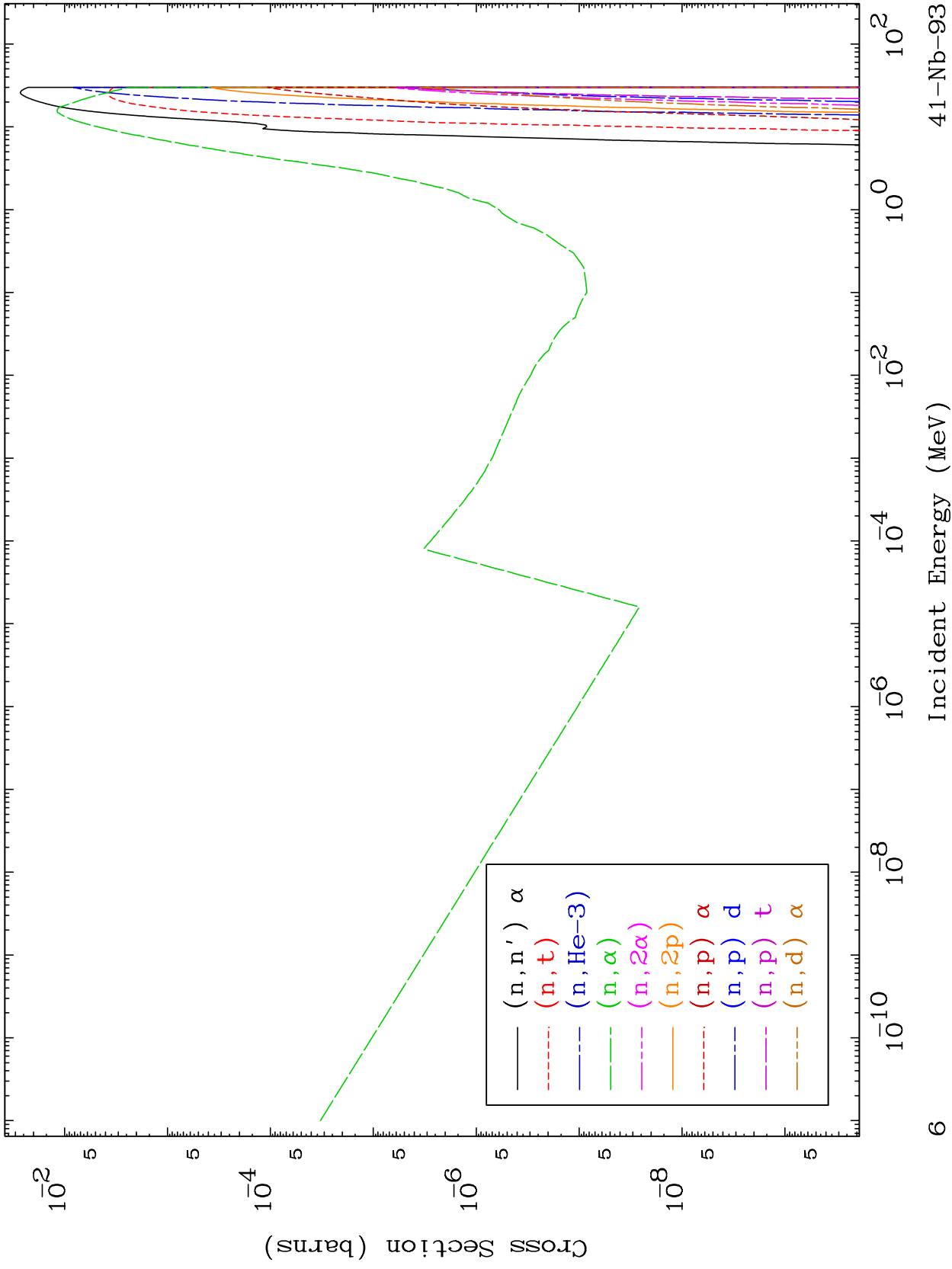




MAT 4125

Charged Particle
293 Kelvin Cross Sections

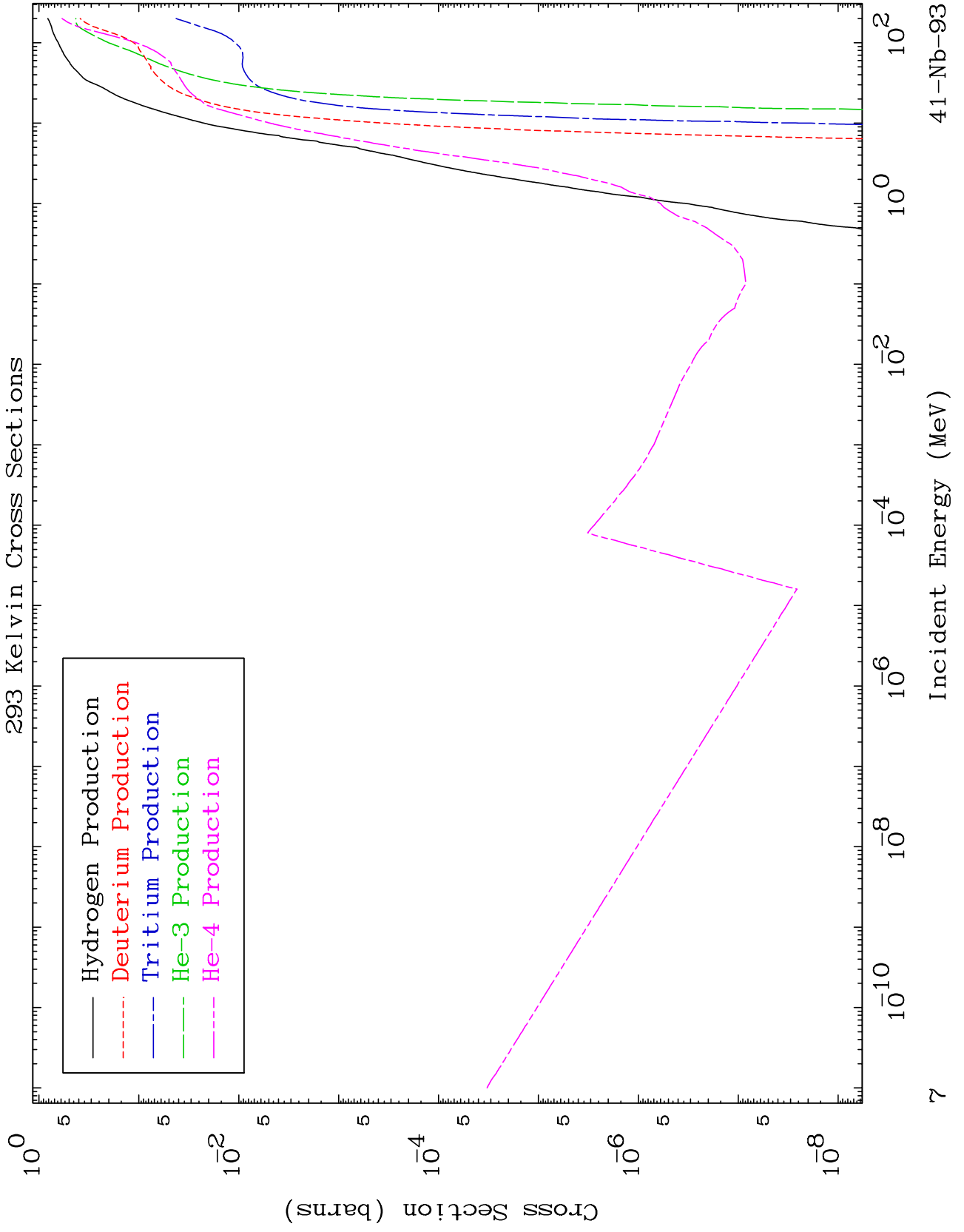
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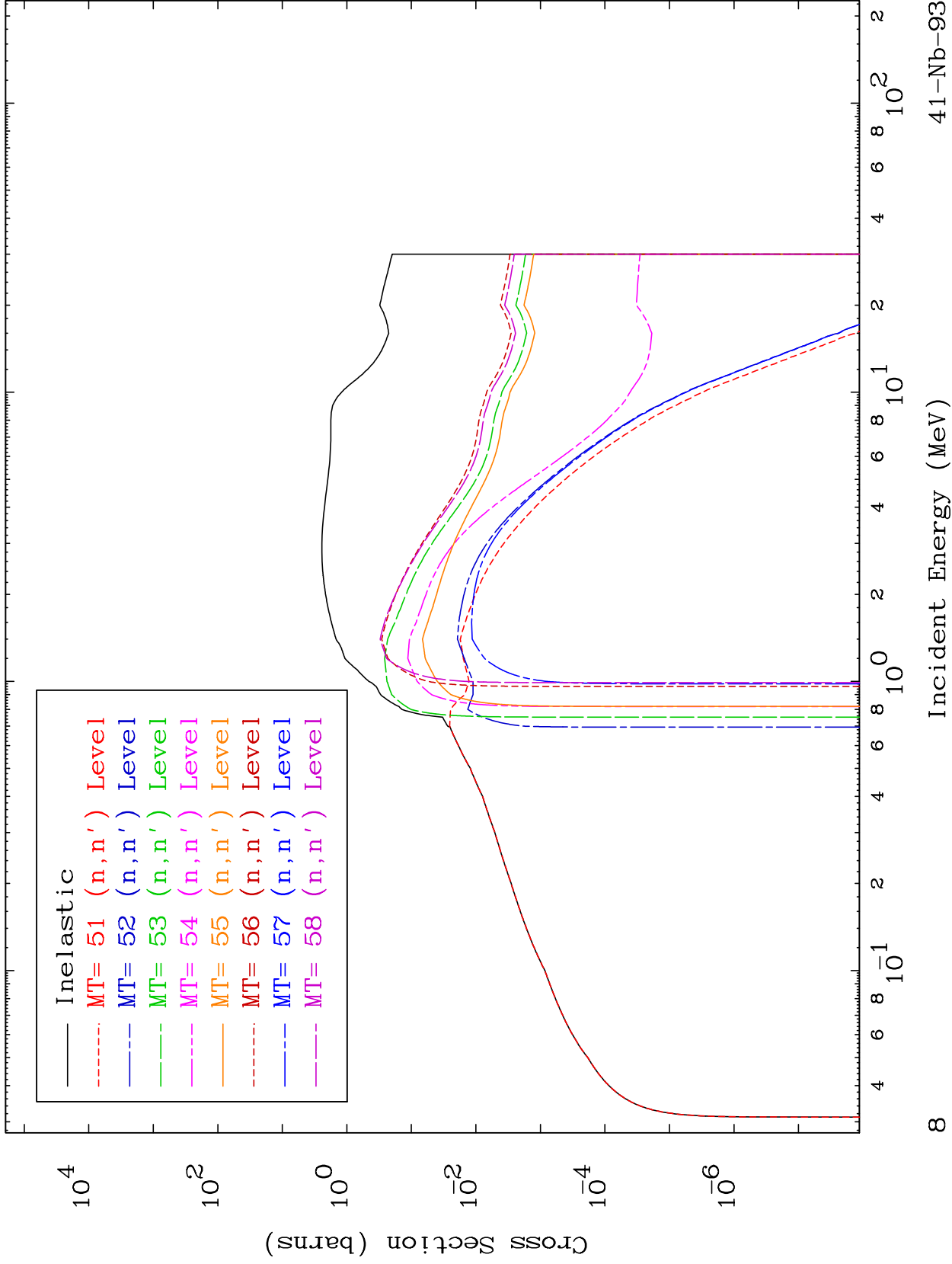


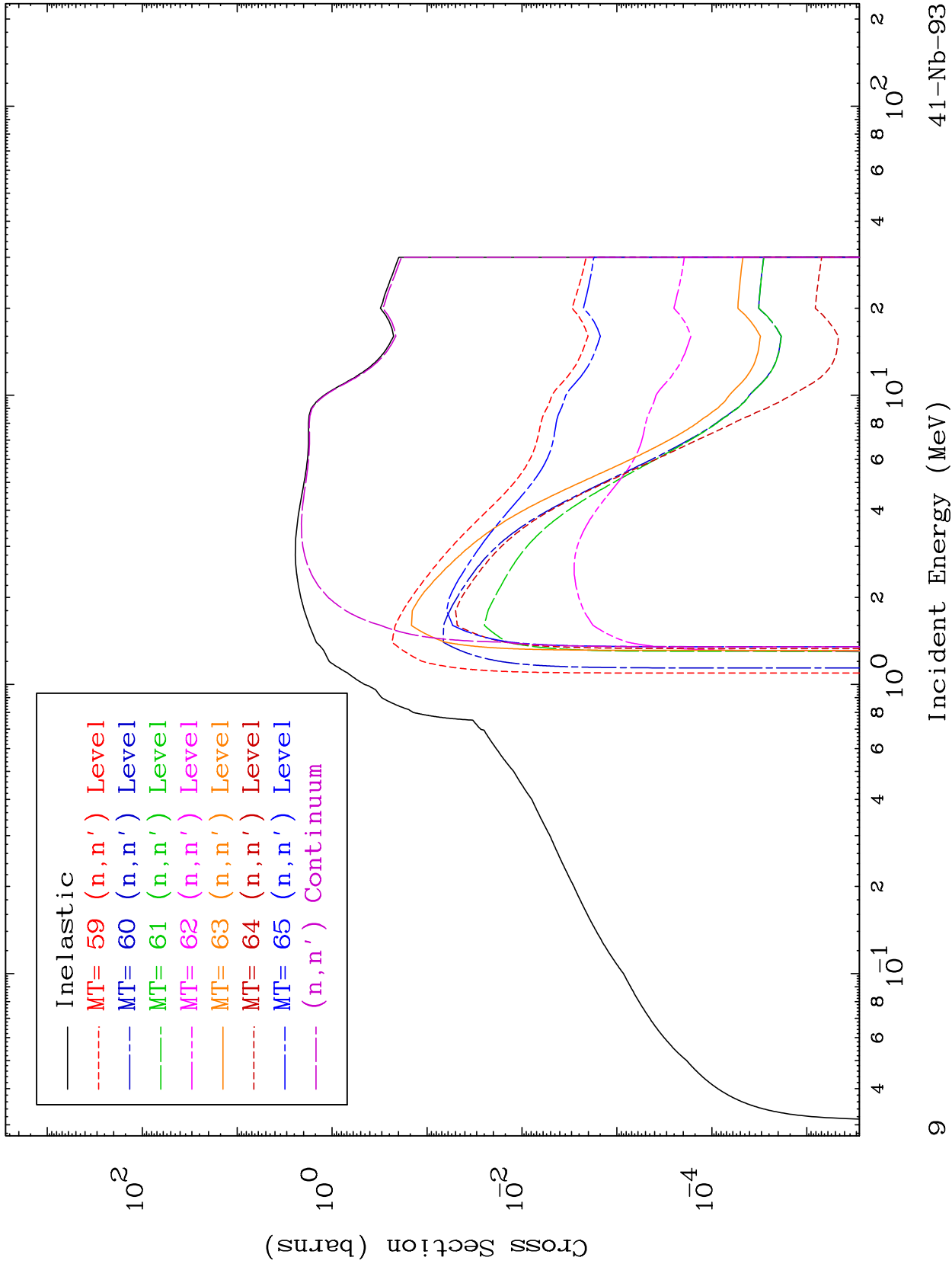
MAT 4125

Particle Production
293 Kelvin Cross Sections

41-Nb-93



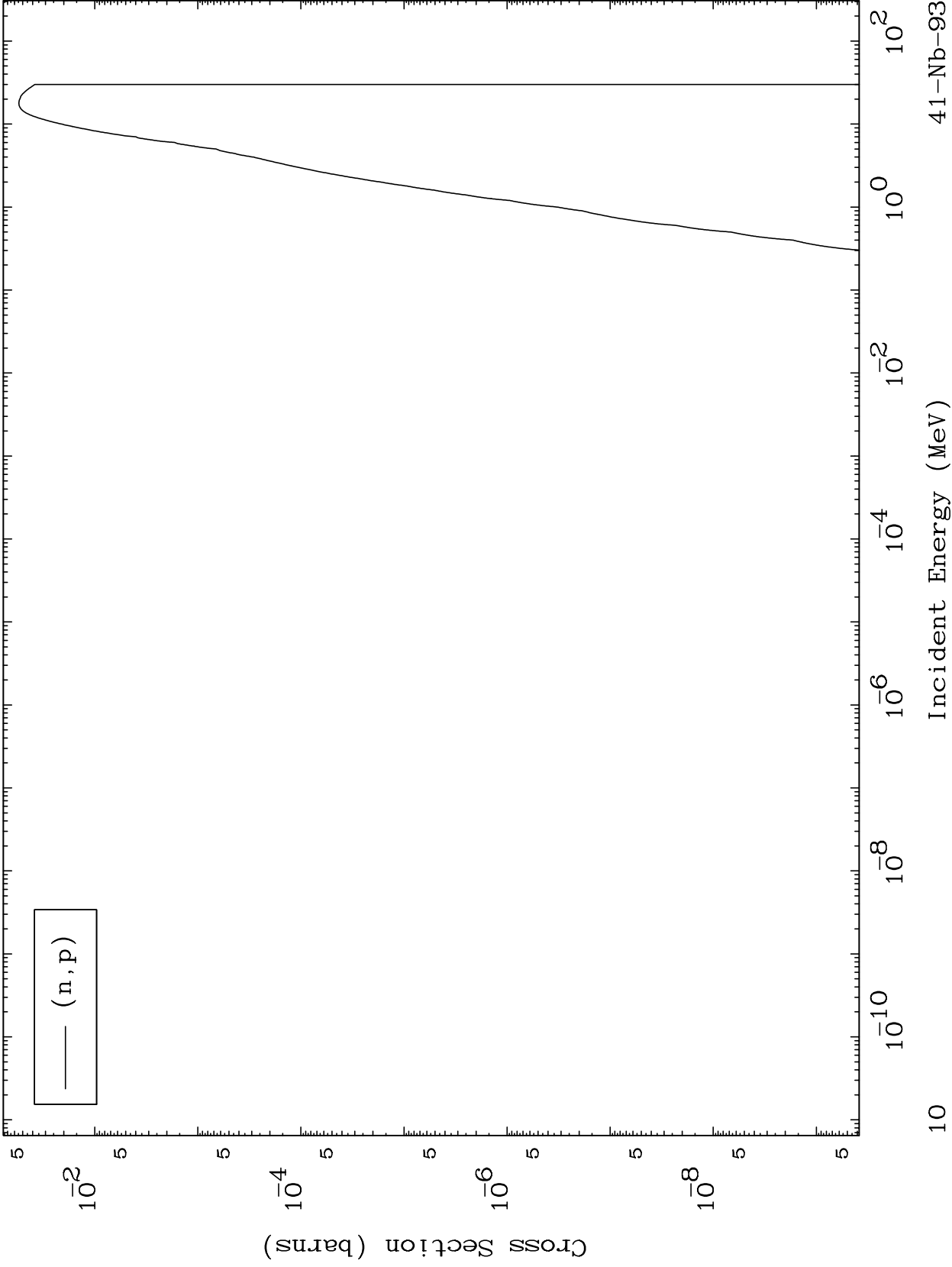




MAT 4125

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-93



10

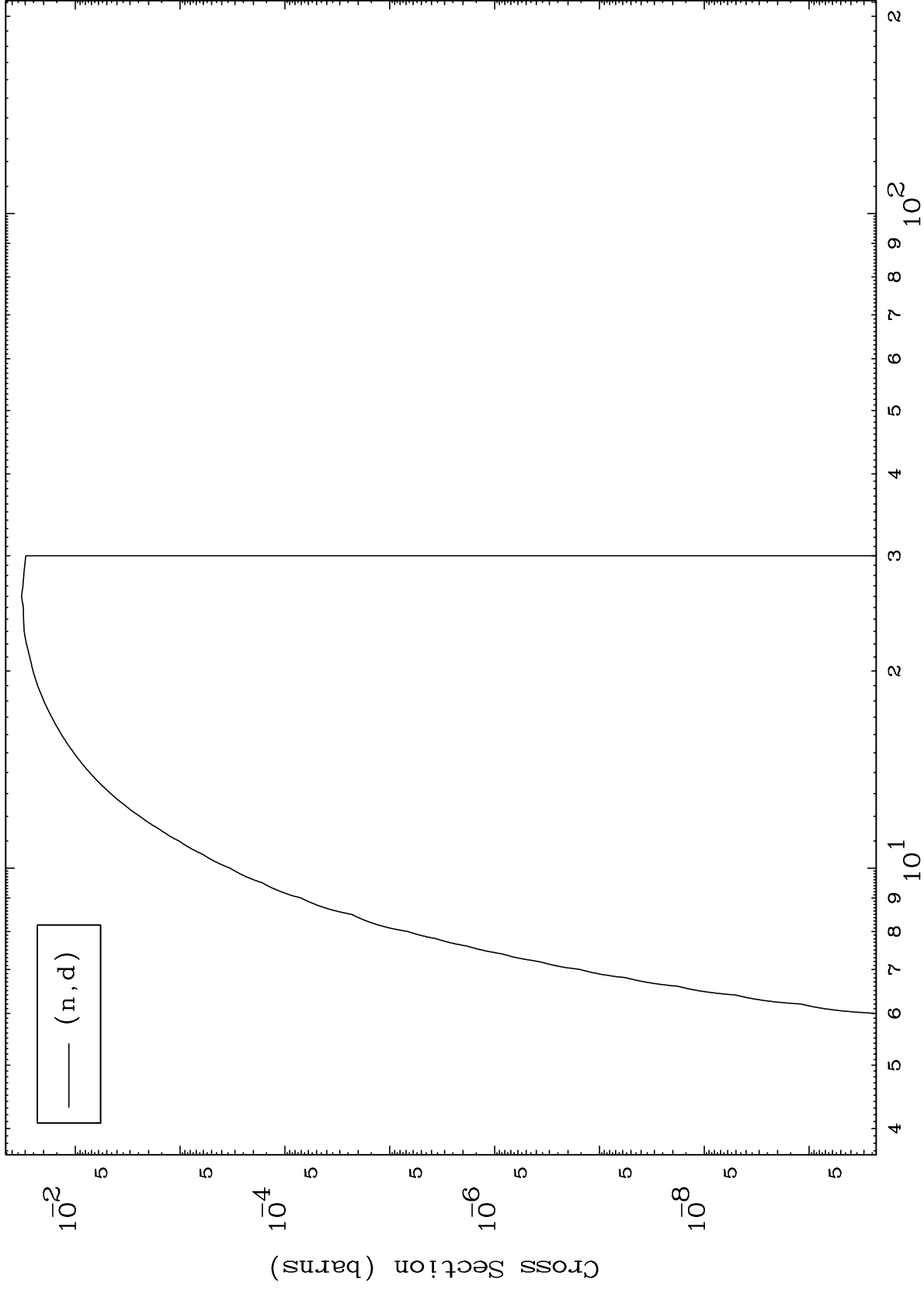
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-93



11

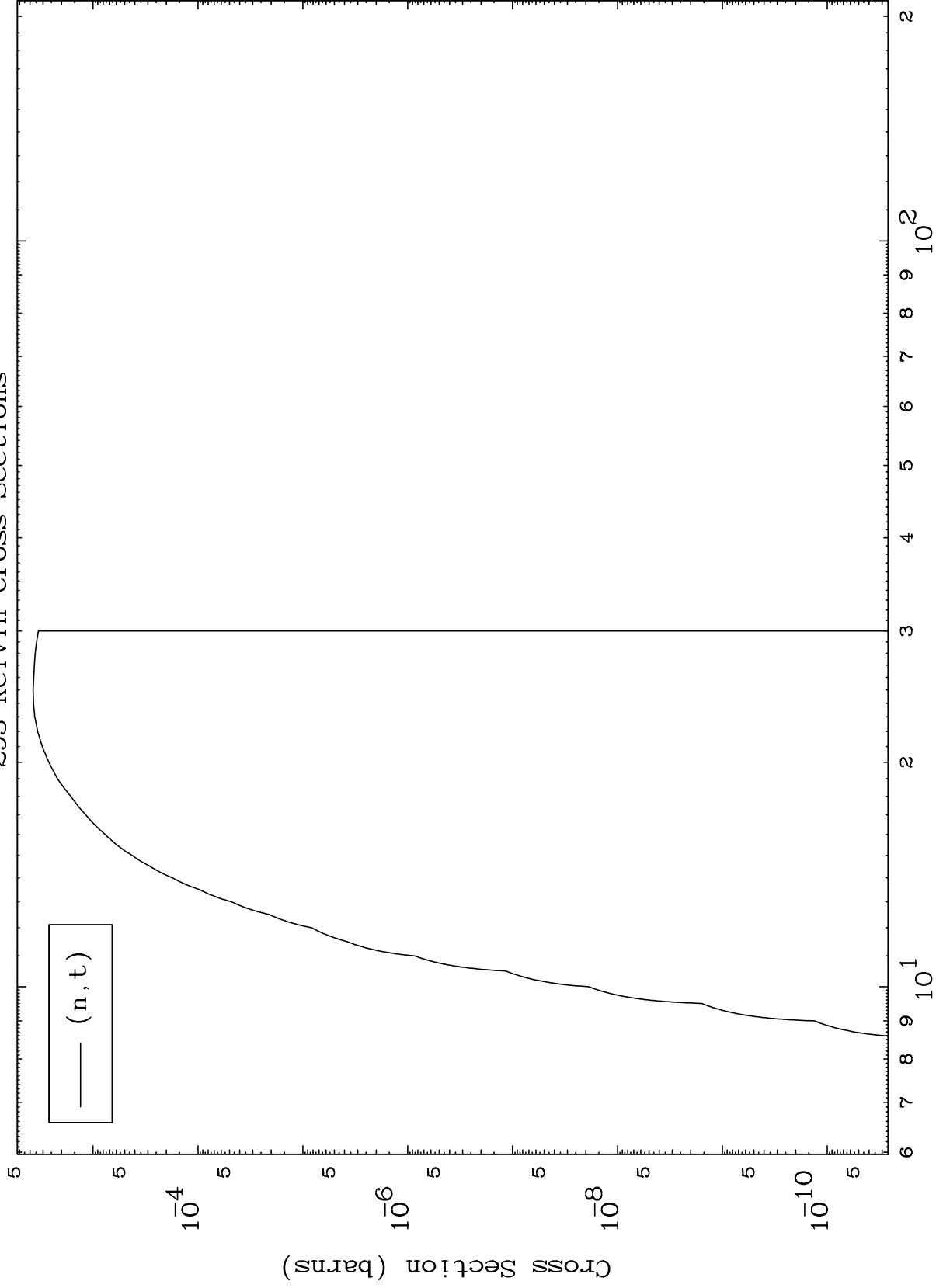
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n, t) Levels
293 Kelvin Cross Sections

41-Nb-93



12

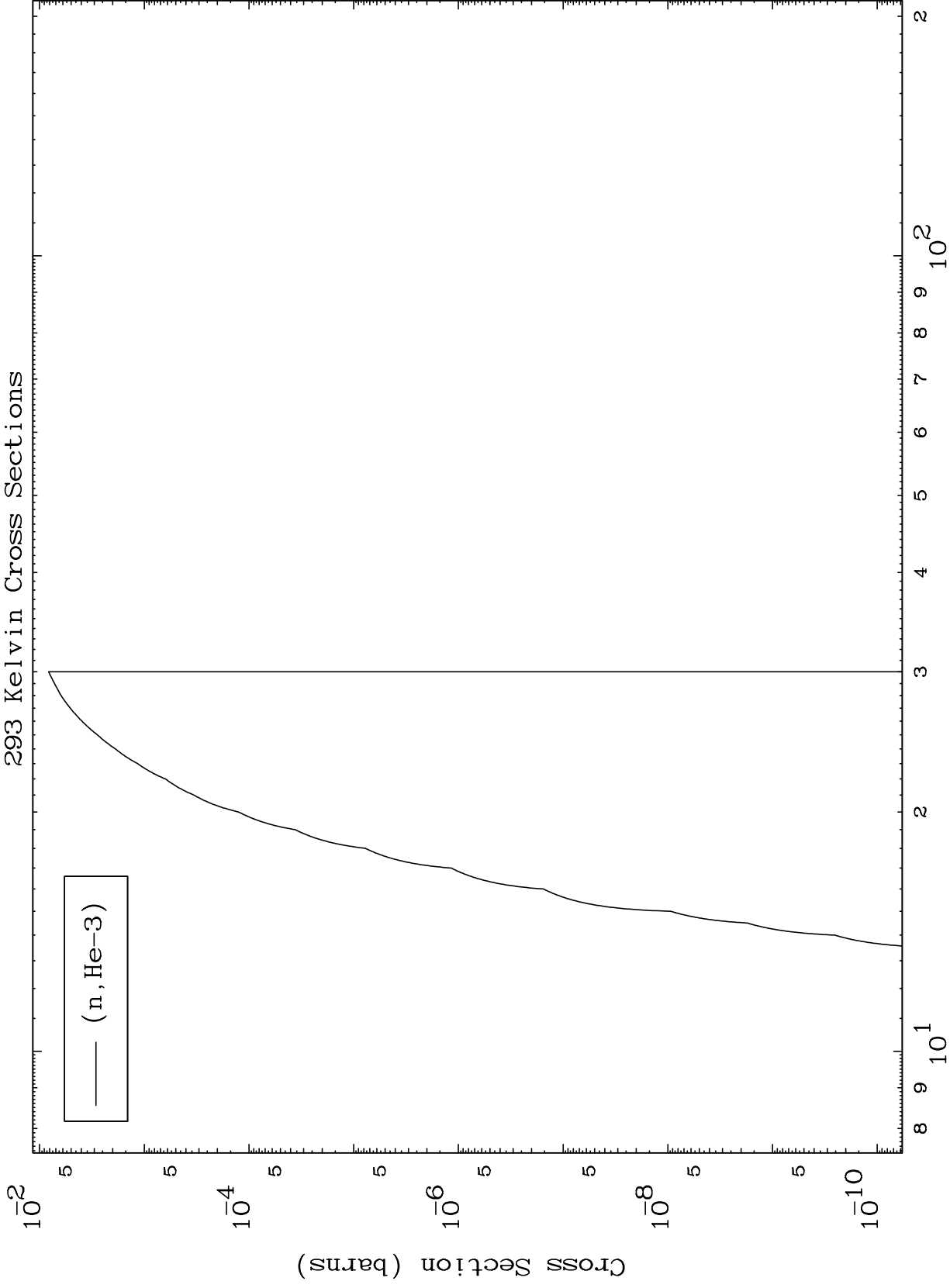
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-93



13

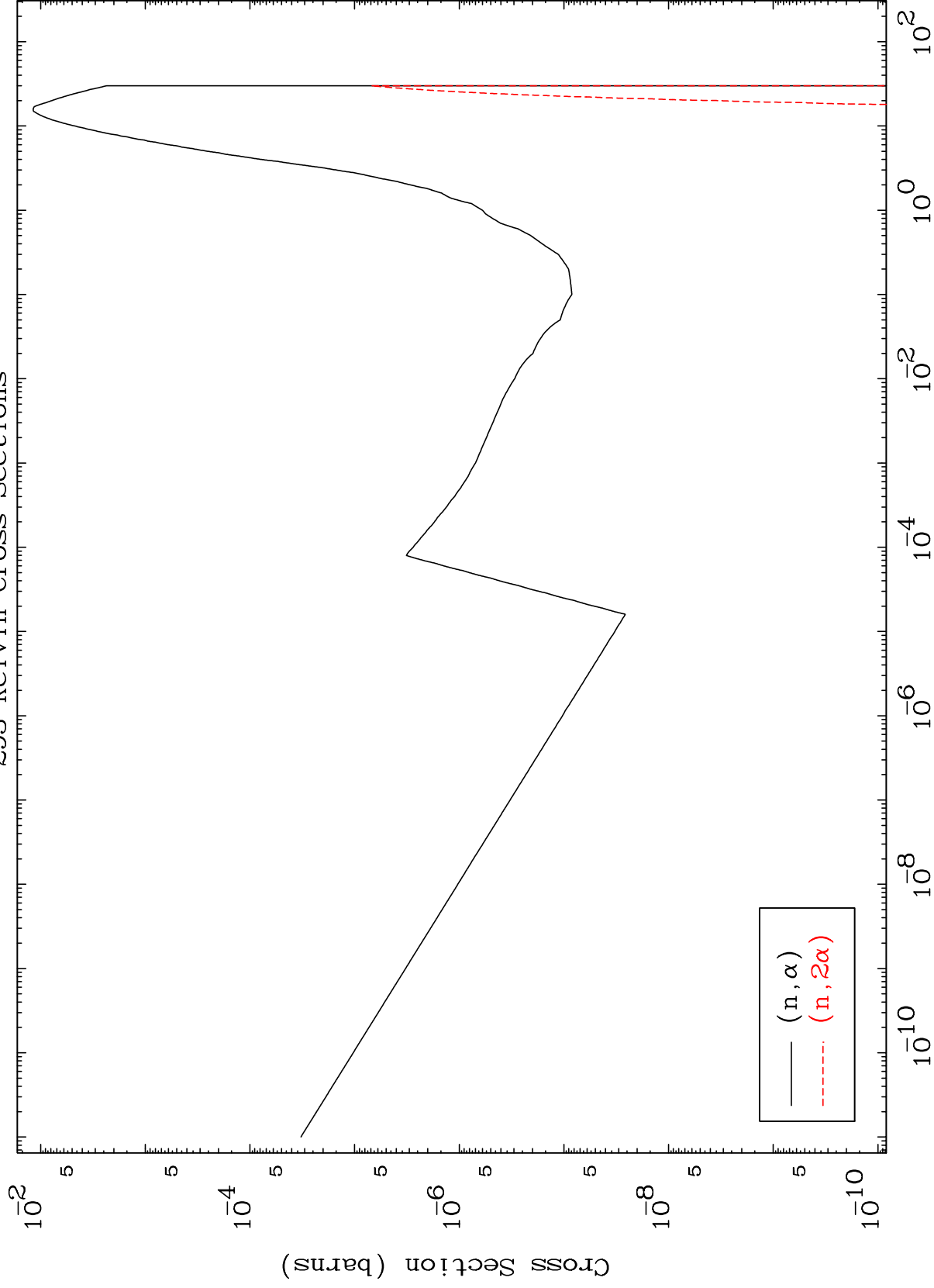
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-93



14

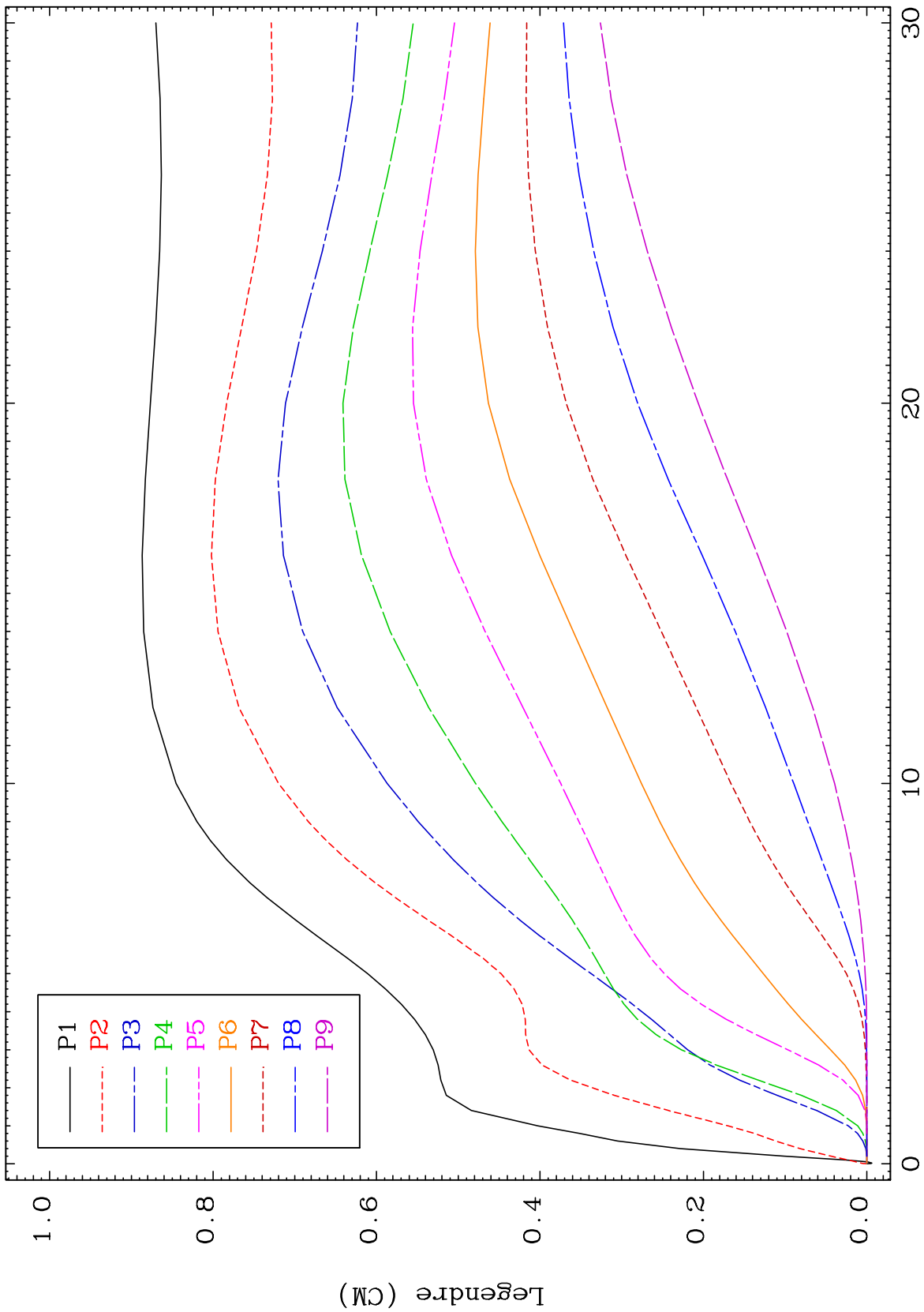
Incident Energy (MeV)

41-Nb-93

MAT 4125

Elastic Legendre Coefficients

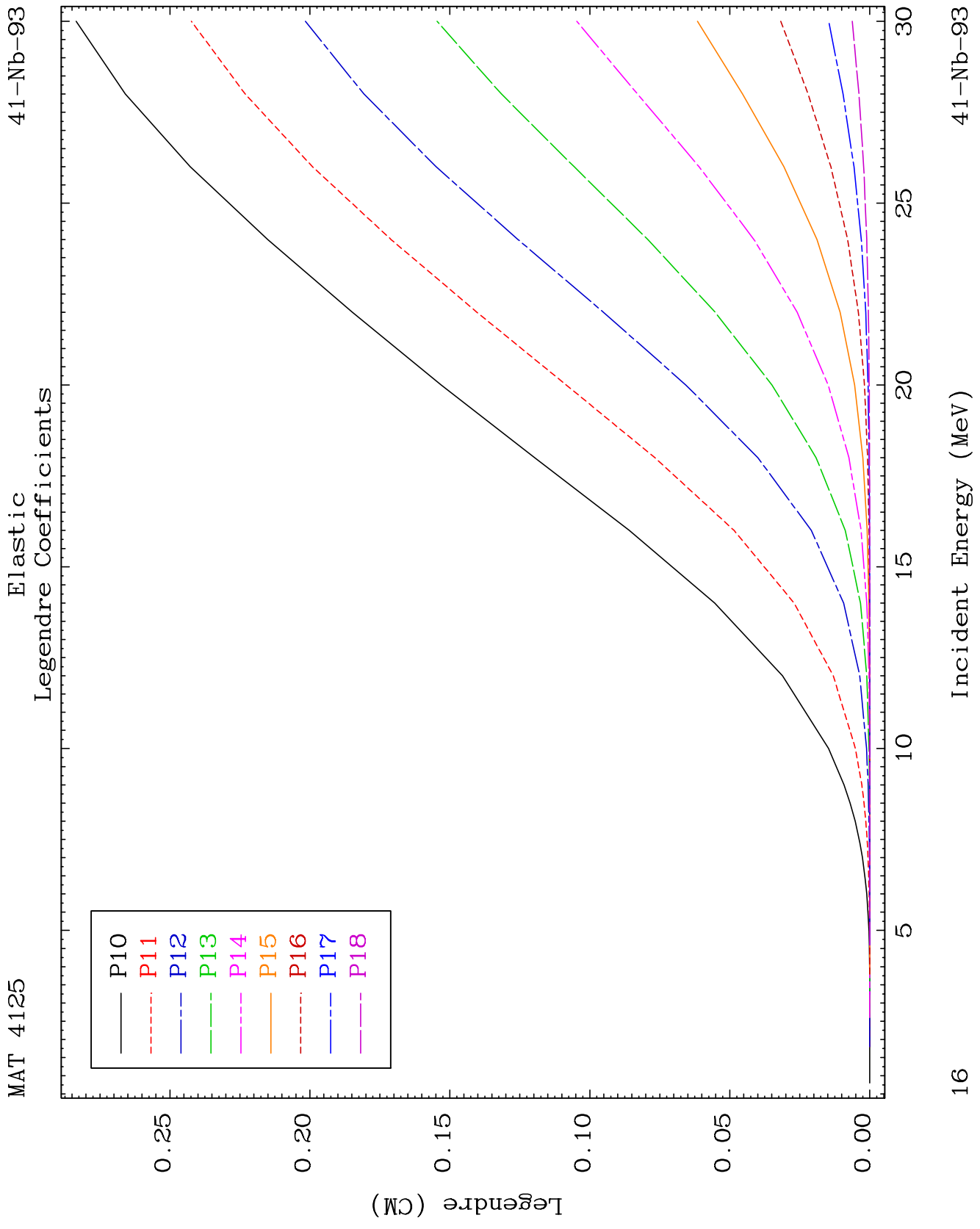
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15

Incident Energy (MeV)

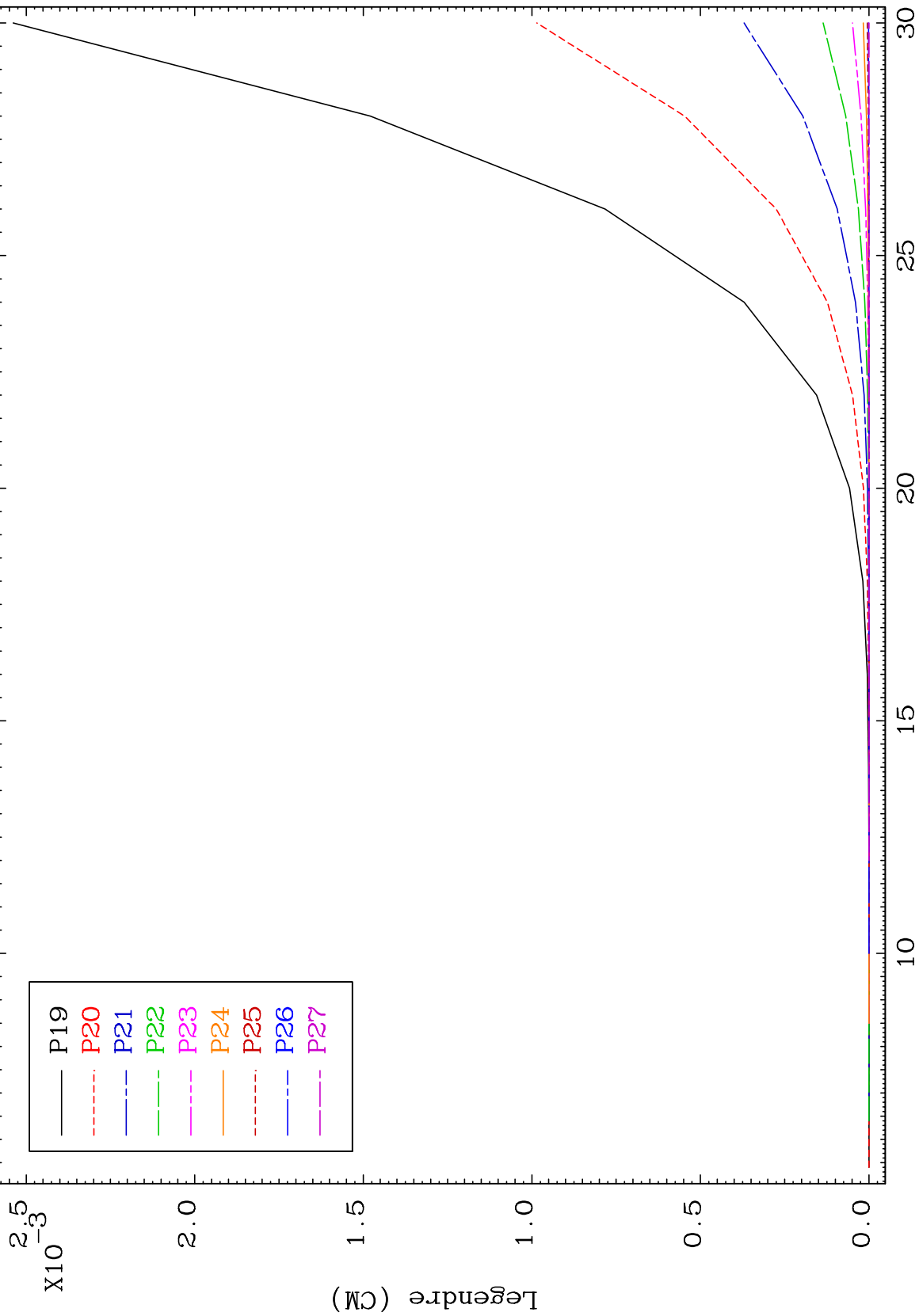
41-Nb-93



MAT 4125

Elastic Legendre Coefficients

41-Nb-93



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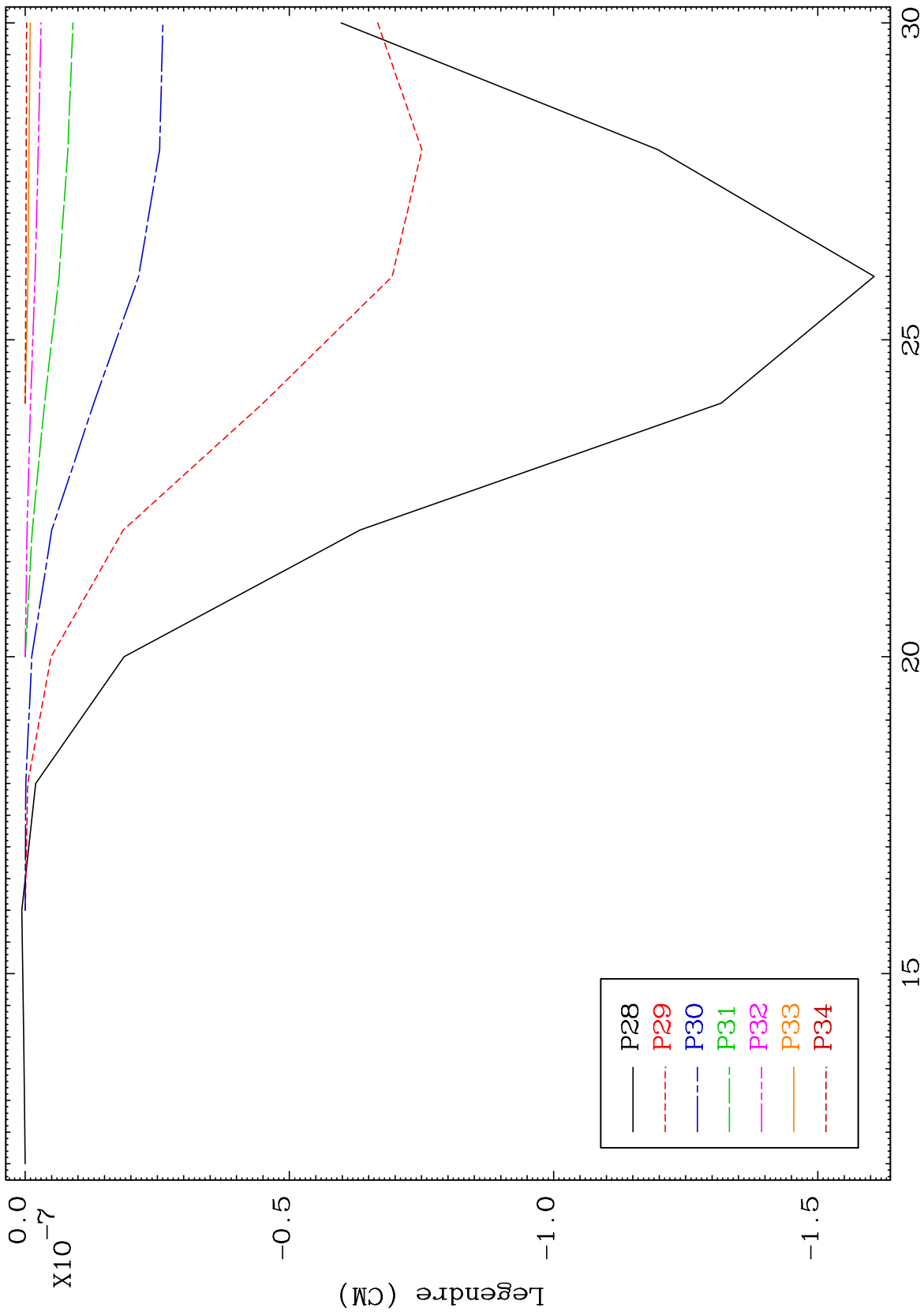
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

Elastic Legendre Coefficients



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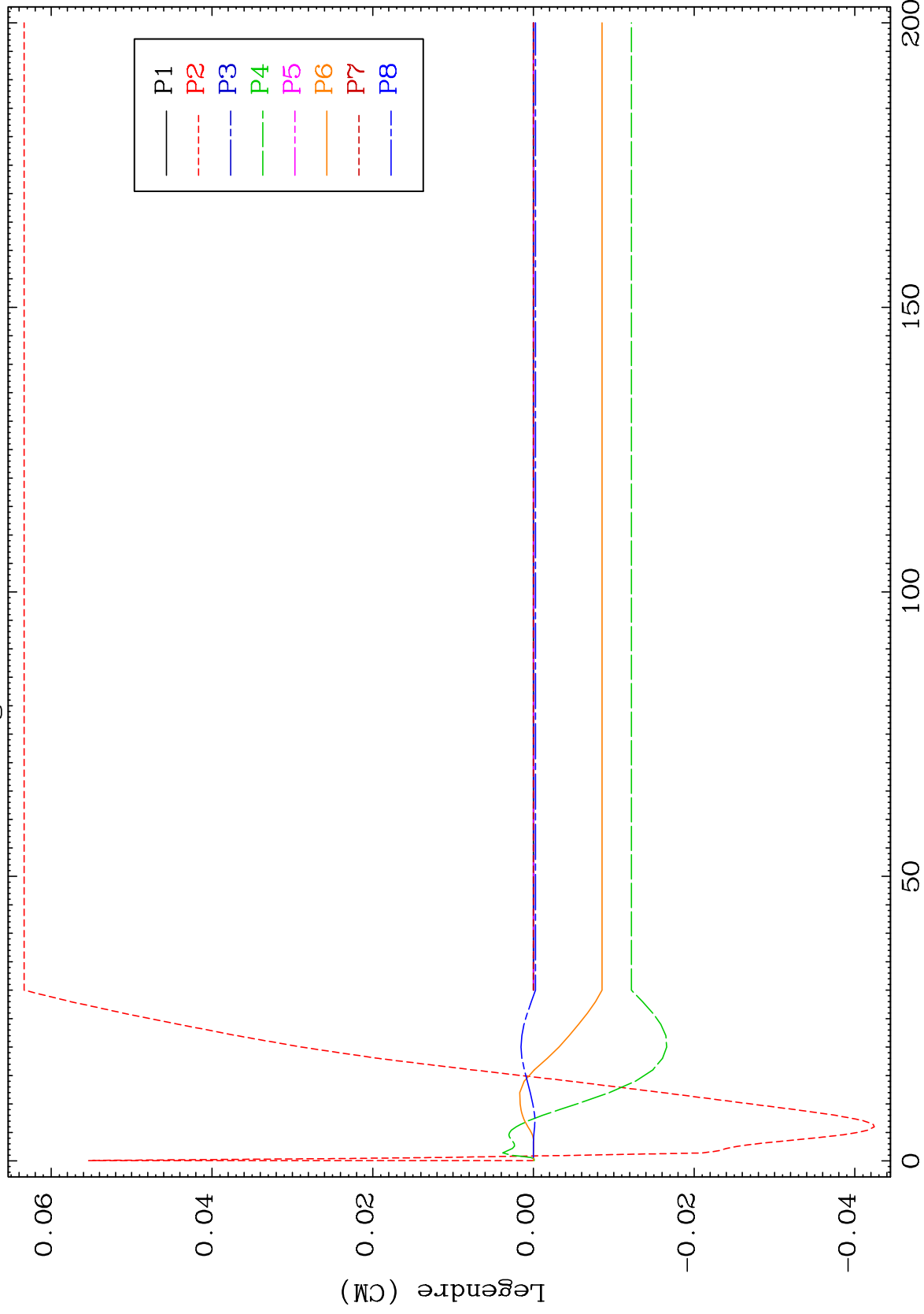
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

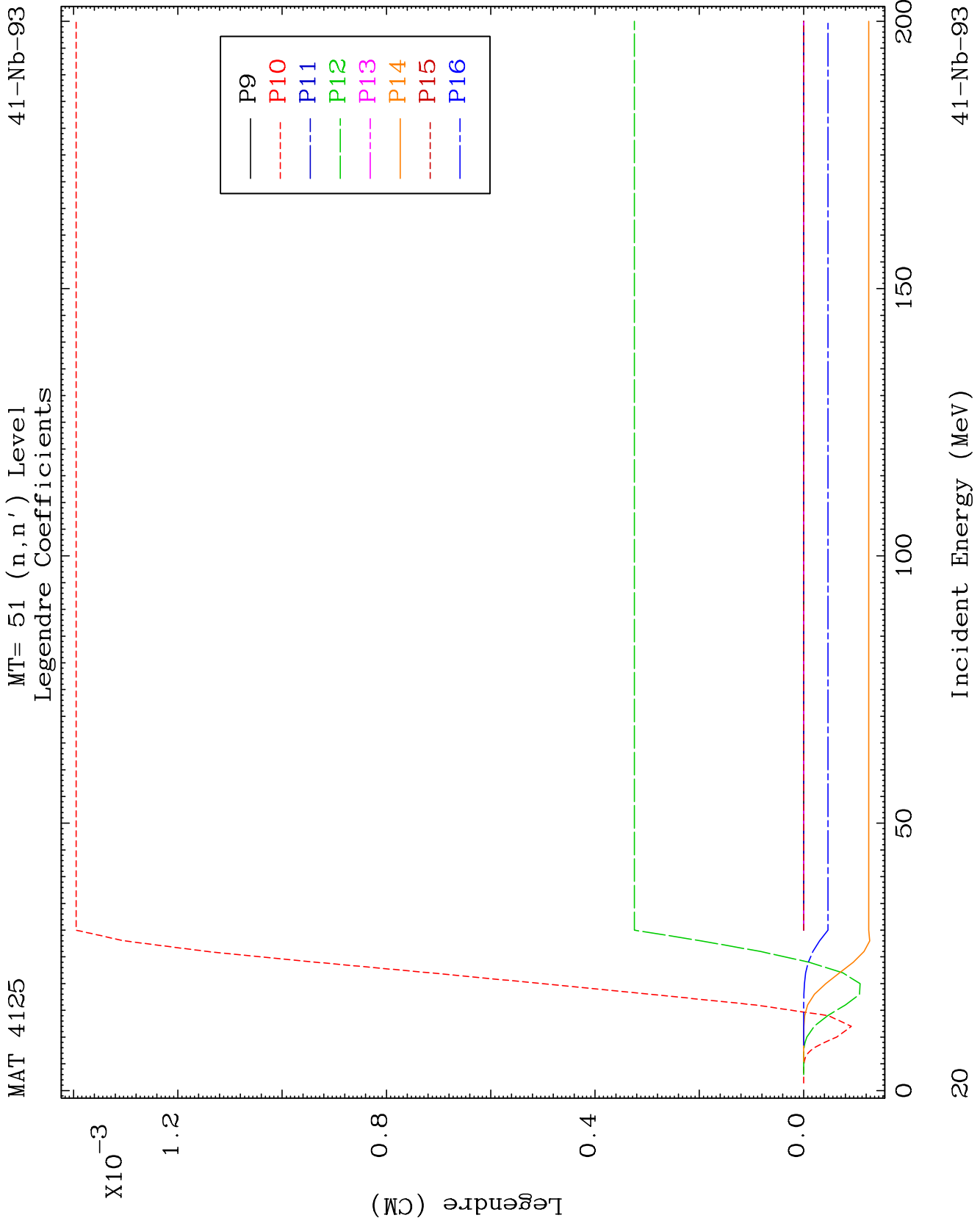
41-Nb-93



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Incident Energy (MeV)

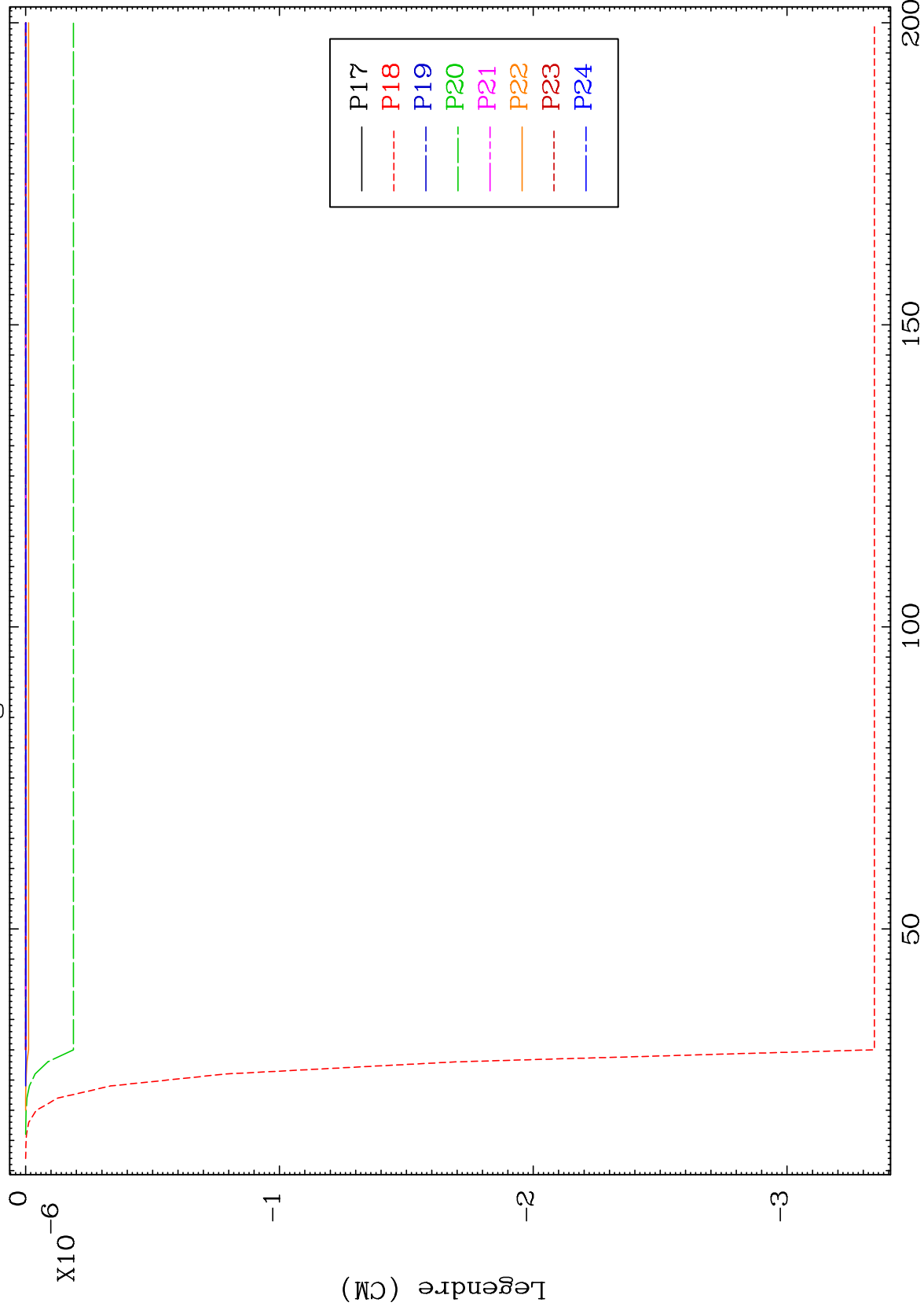
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

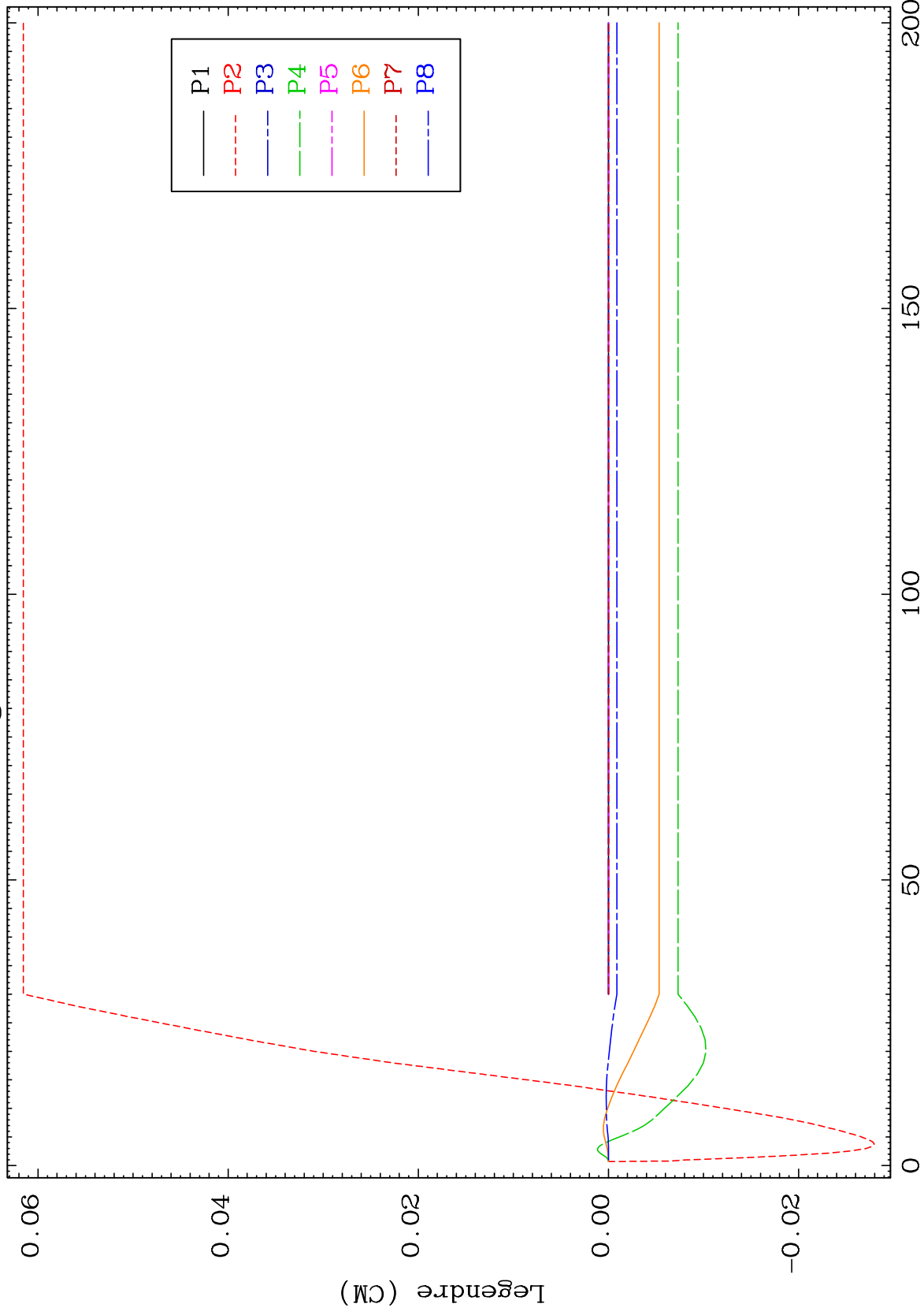
Incident Energy (MeV)

21

MAT 4125

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

41-Nb-93



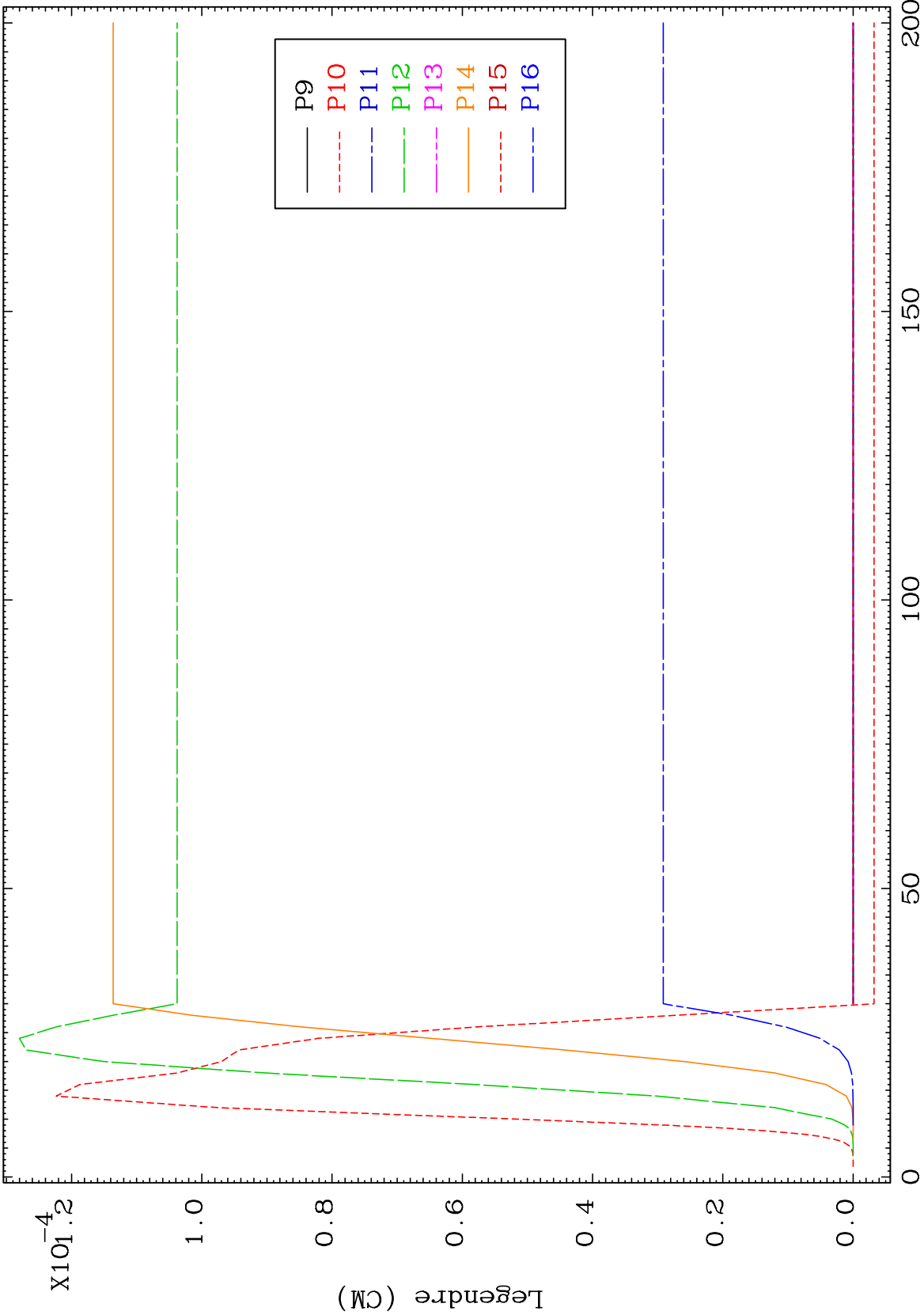
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41-Nb-93

MAT 4125

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

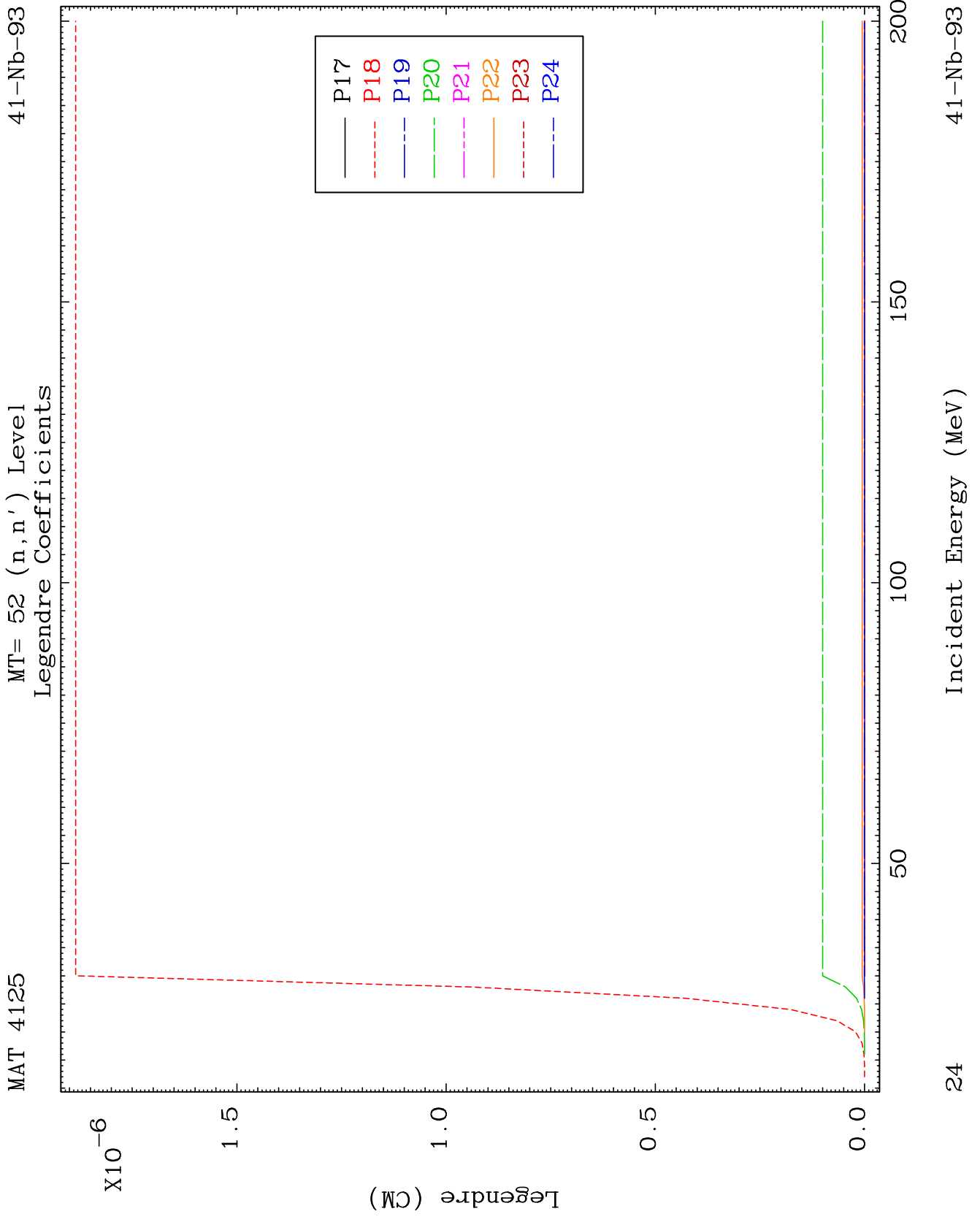
41-Nb-93



23

Incident Energy (MeV)

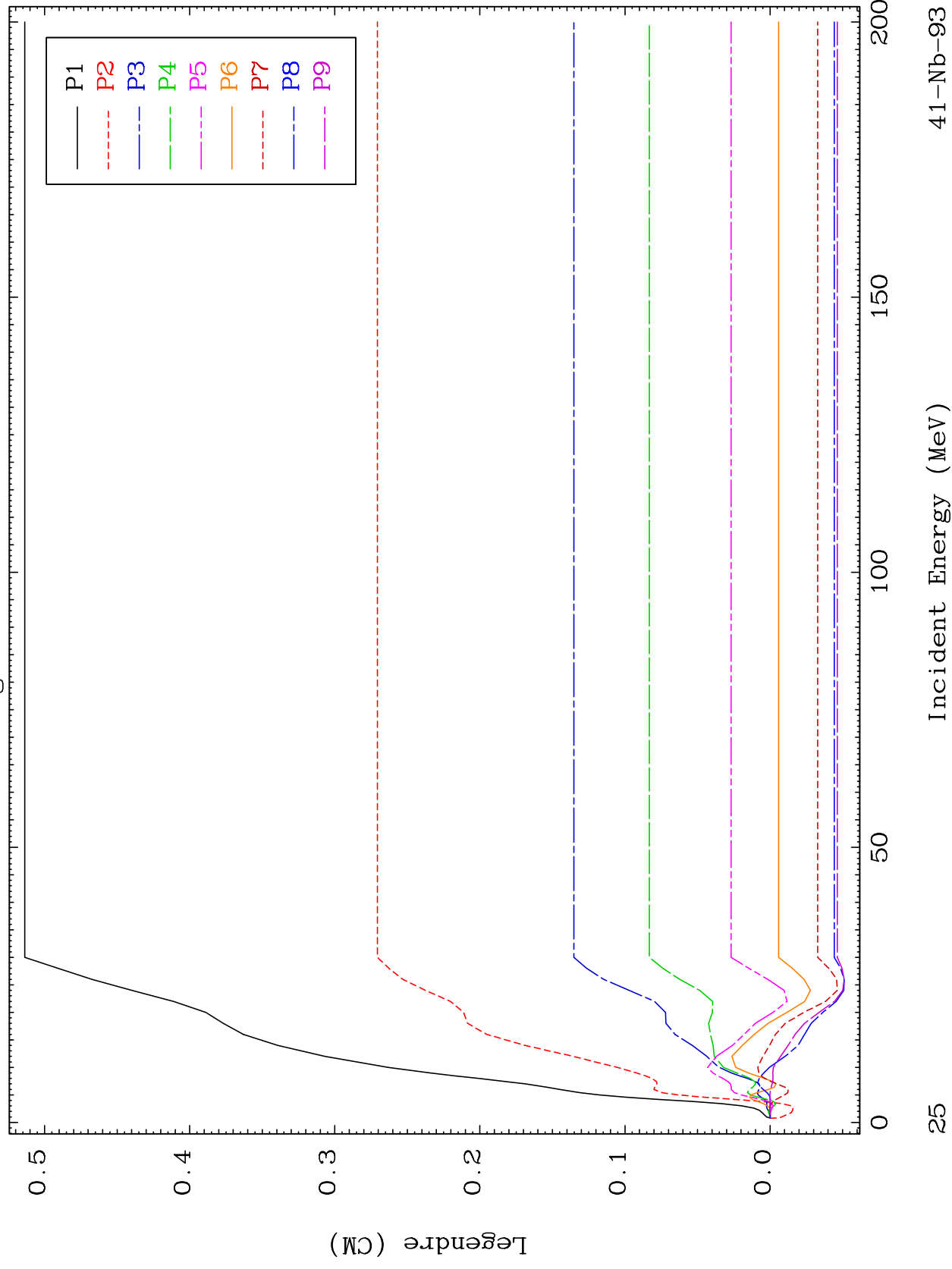
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

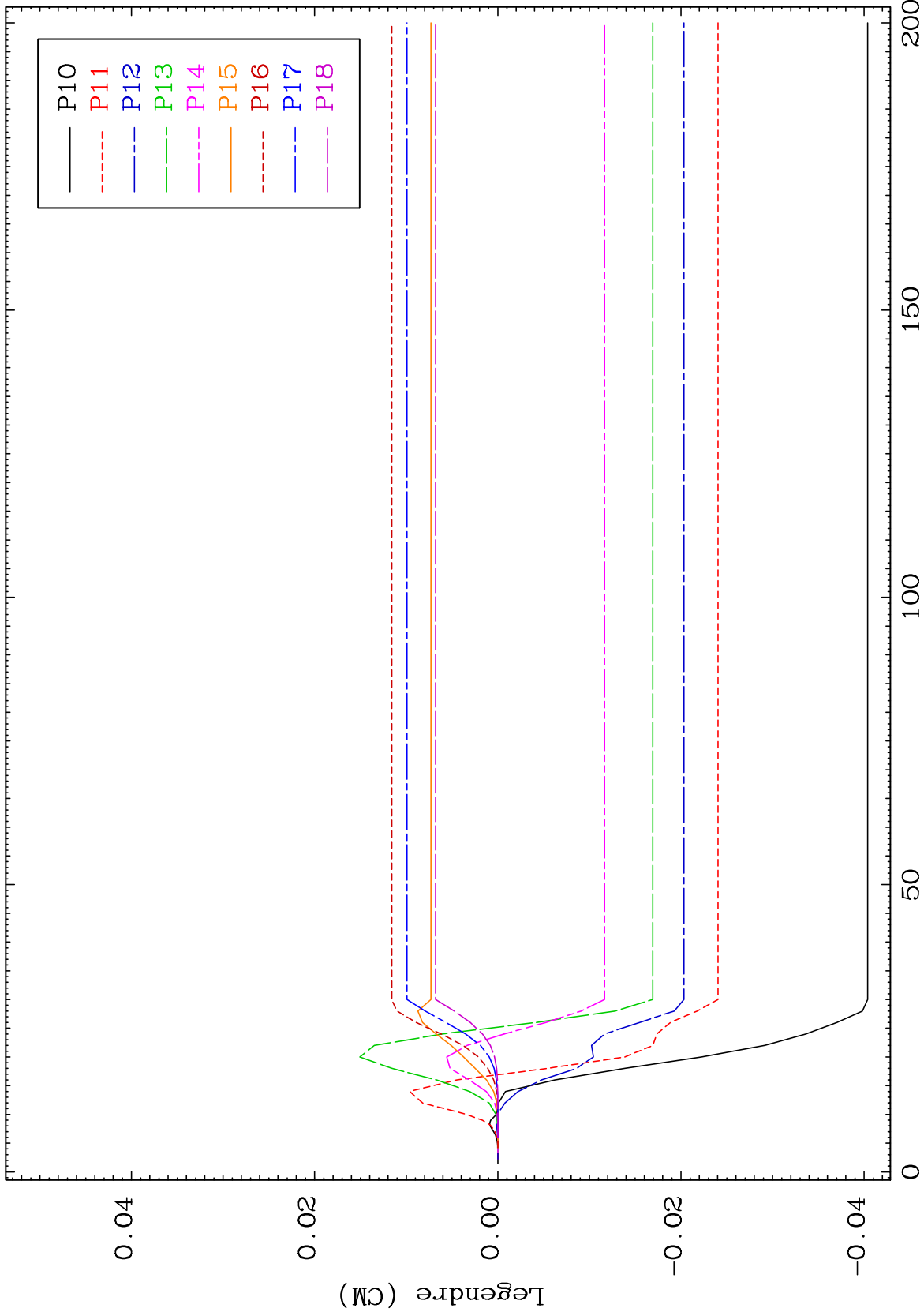
Incident Energy (MeV)

25

MAT 4125

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

41-Nb-93



26

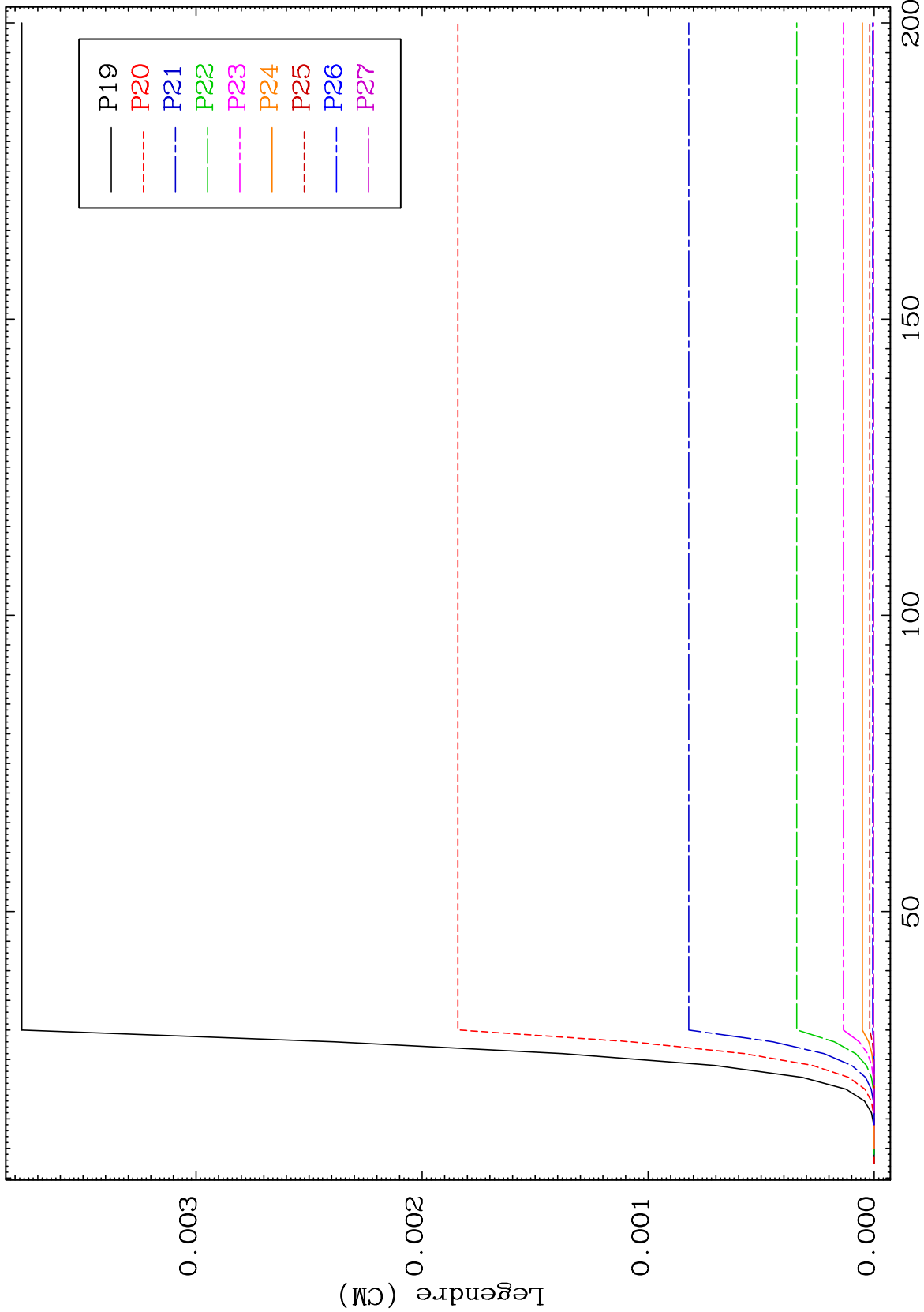
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



27

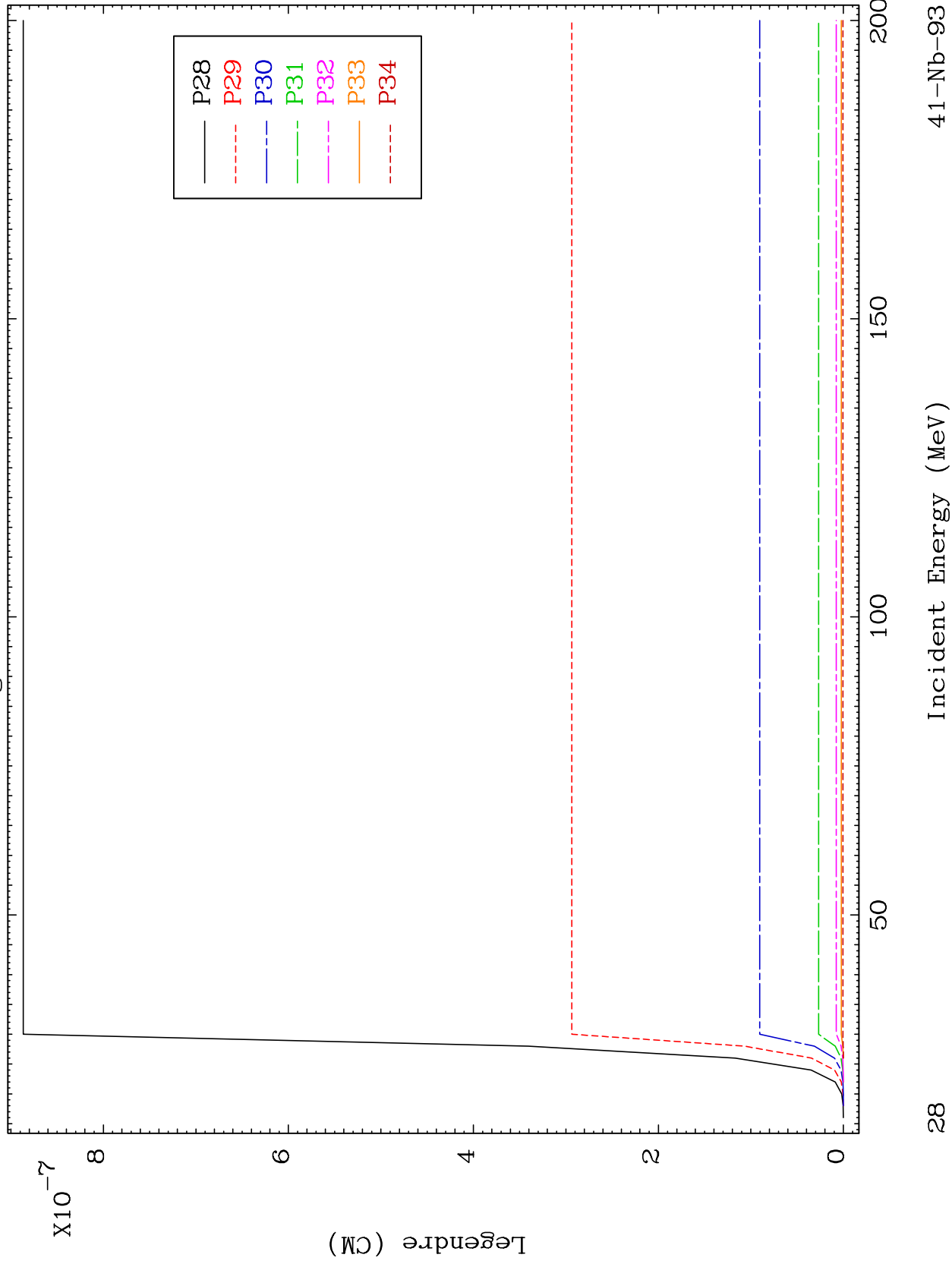
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

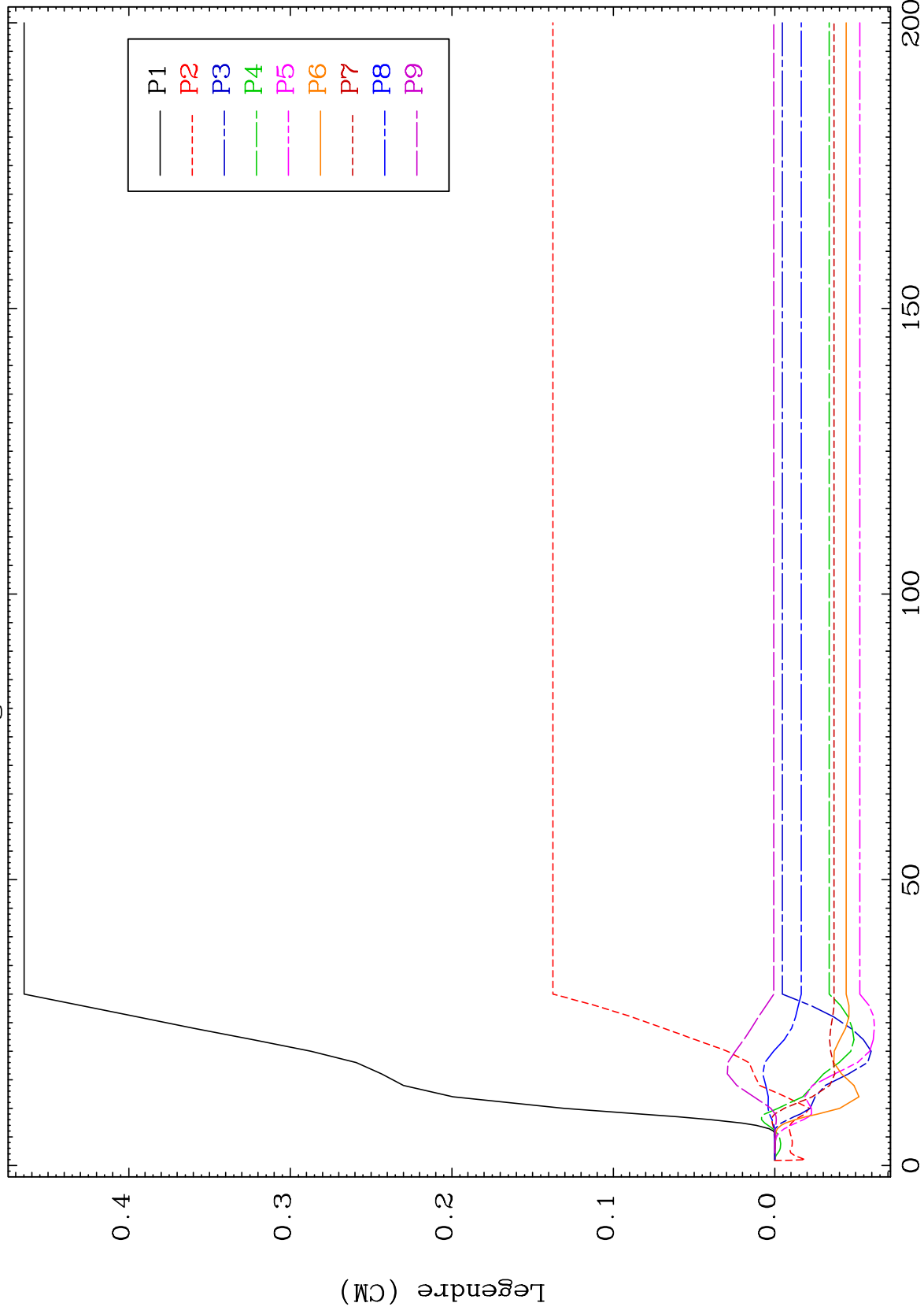
41-Nb-93



MAT 4125

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

41-Nb-93



29

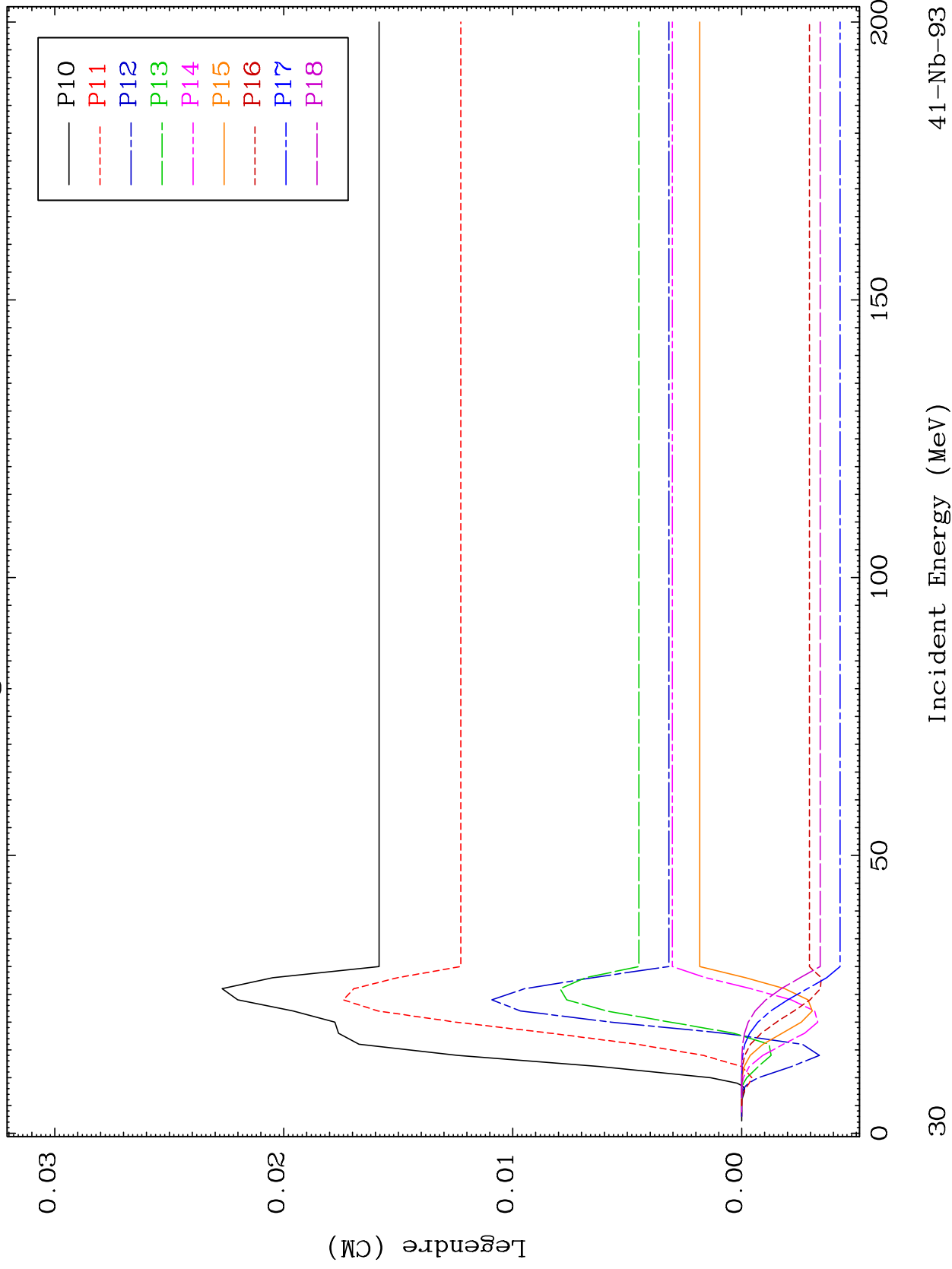
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

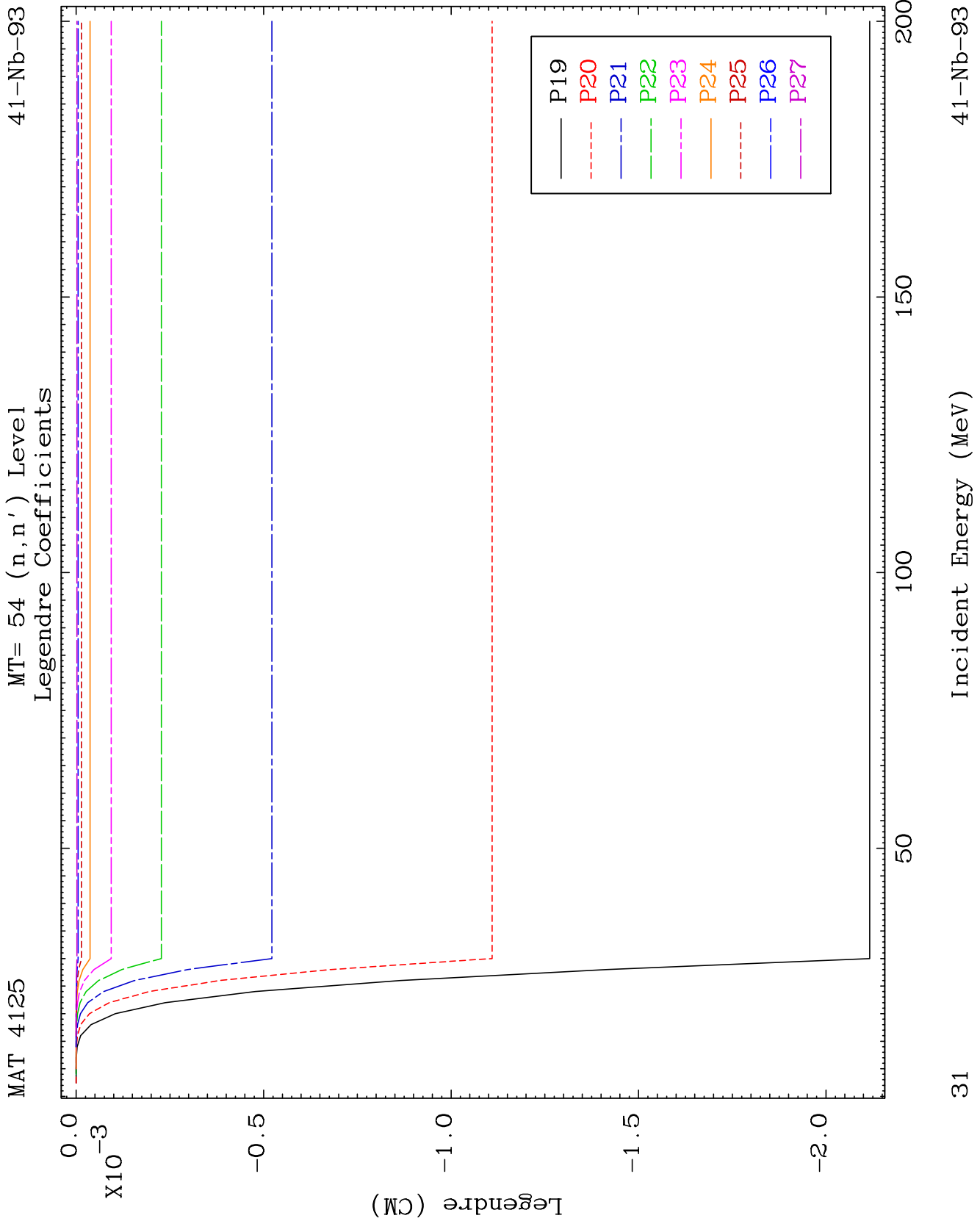
41-Nb-93



41-Nb-93

Incident Energy (MeV)

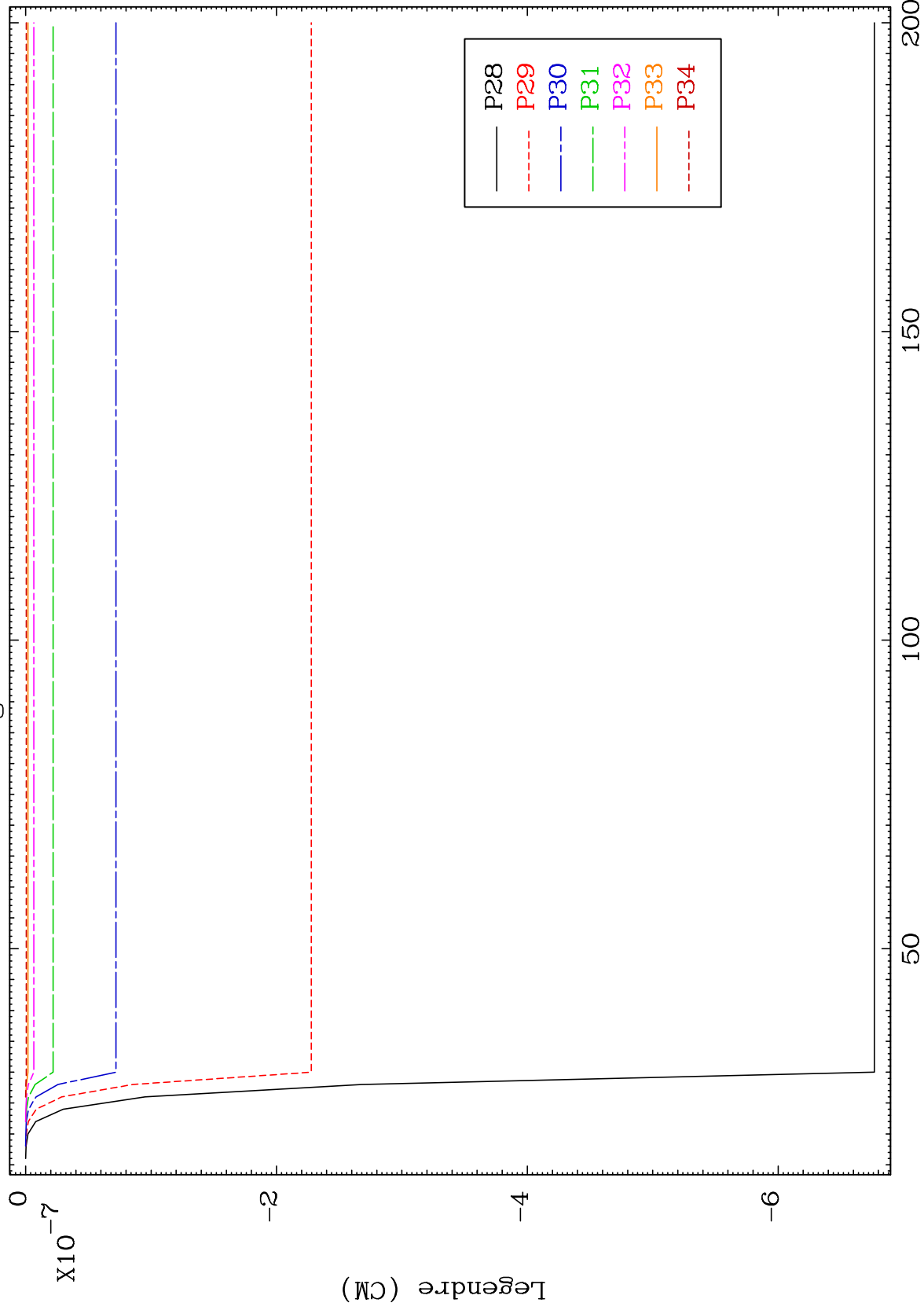
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MAT 4125

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

41-Nb-93



32

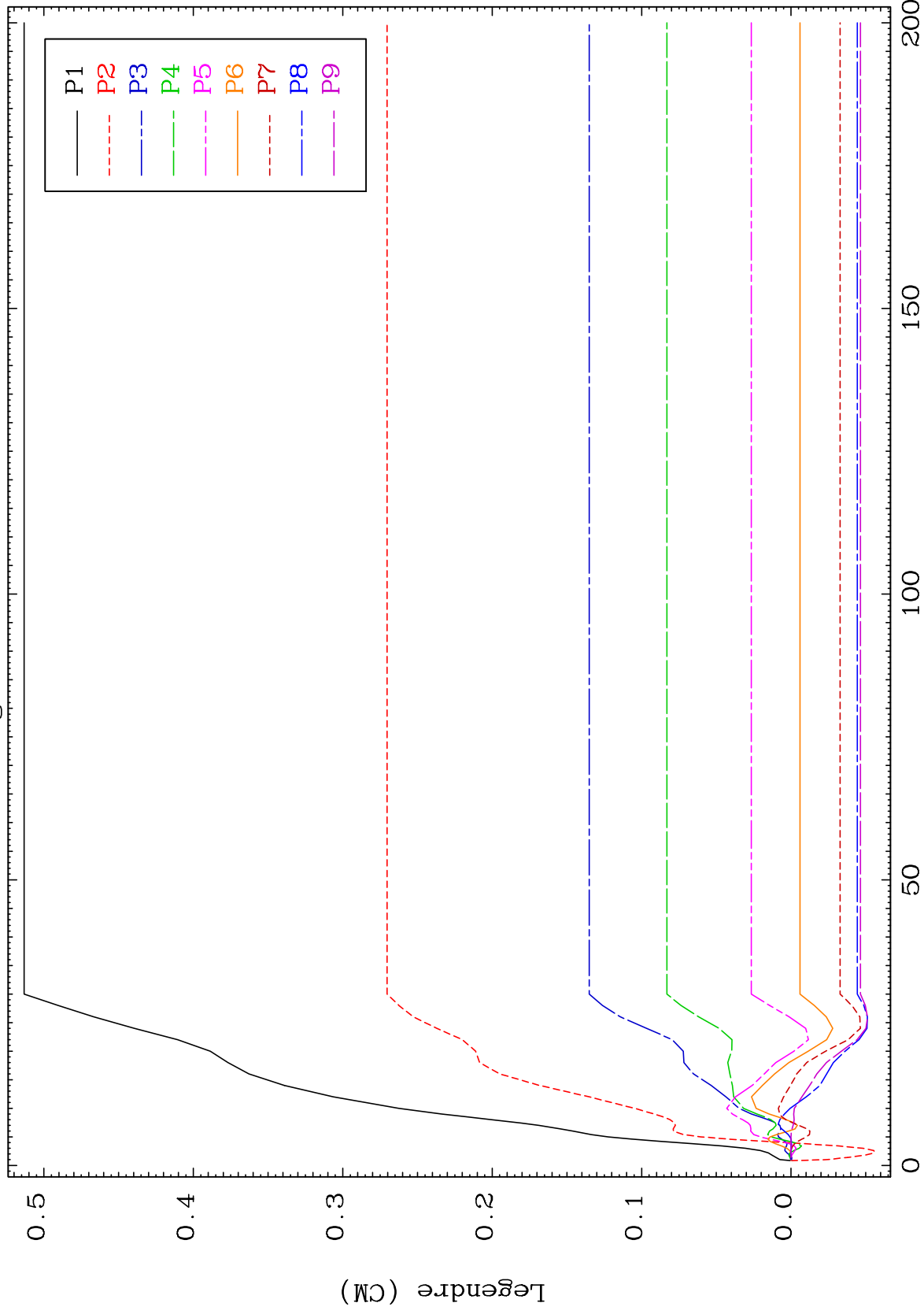
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



33

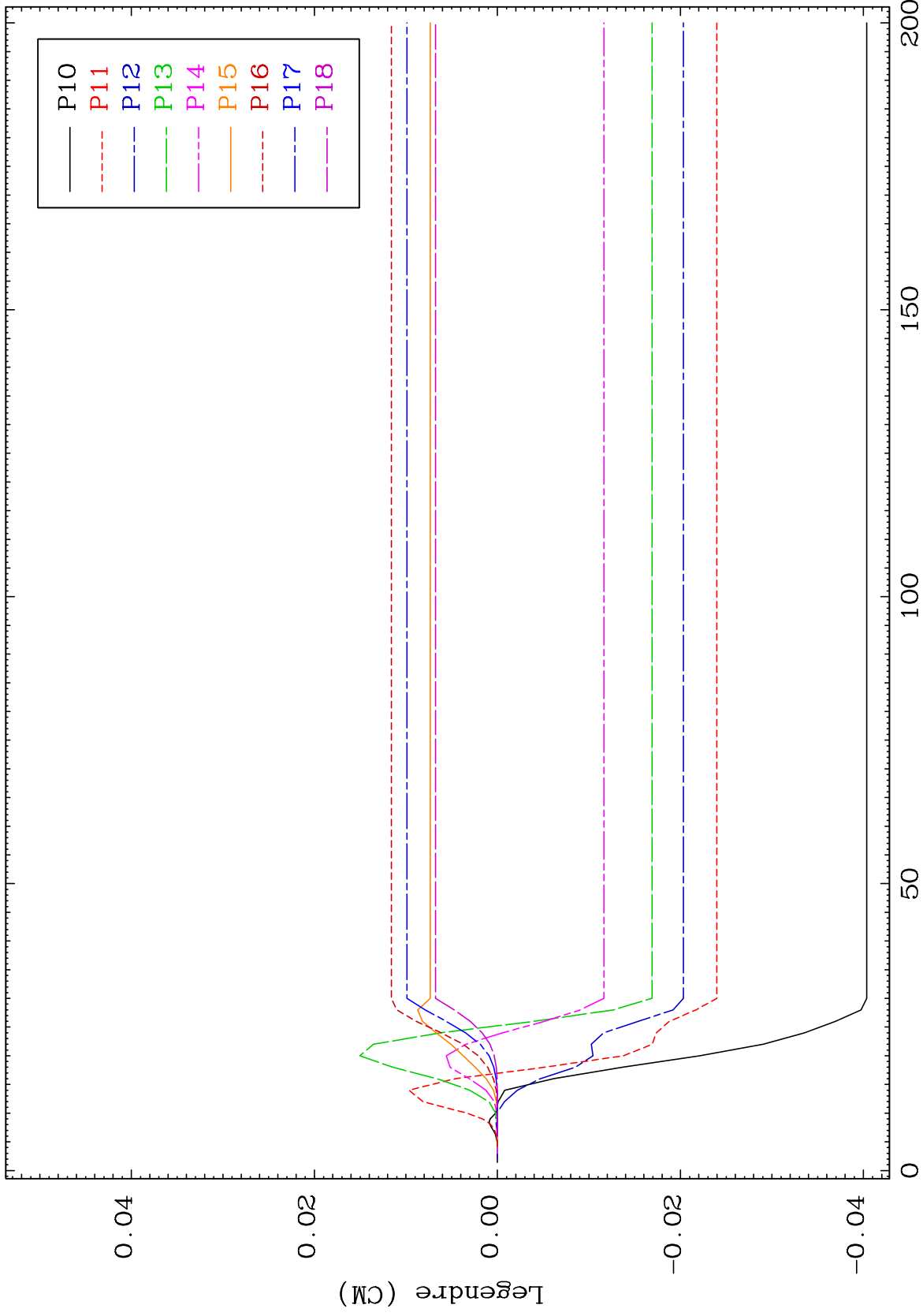
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



34

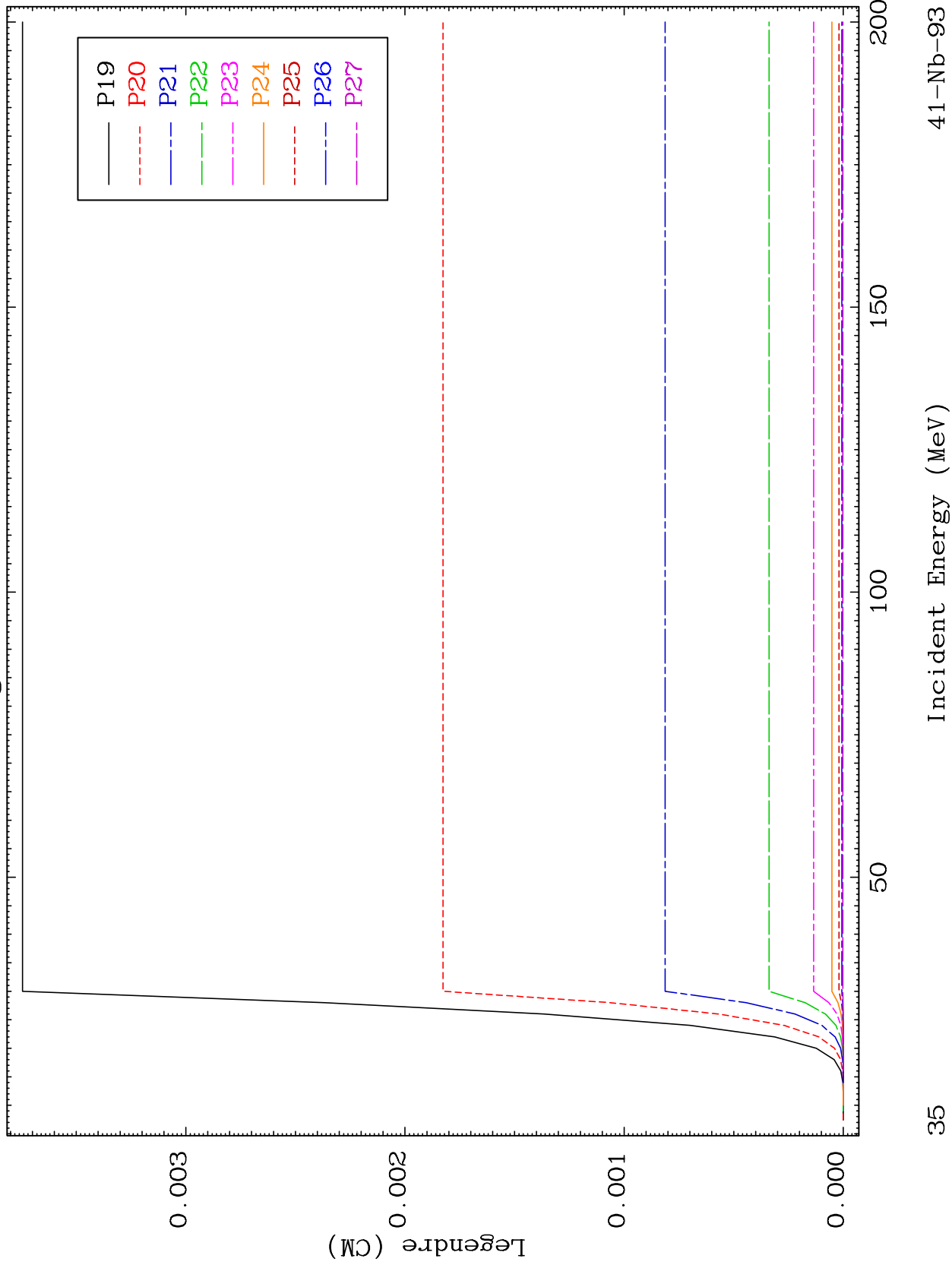
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



35

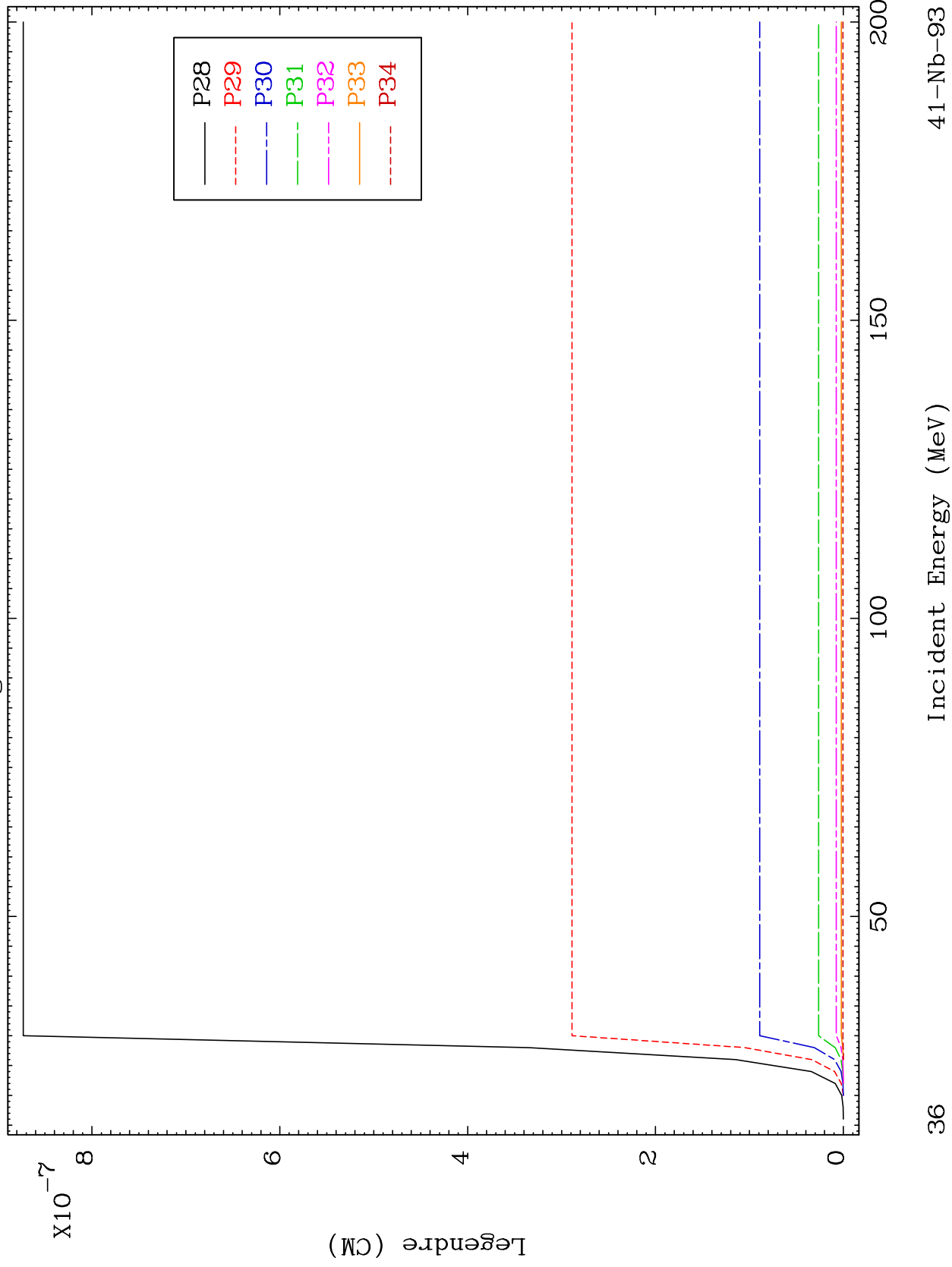
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



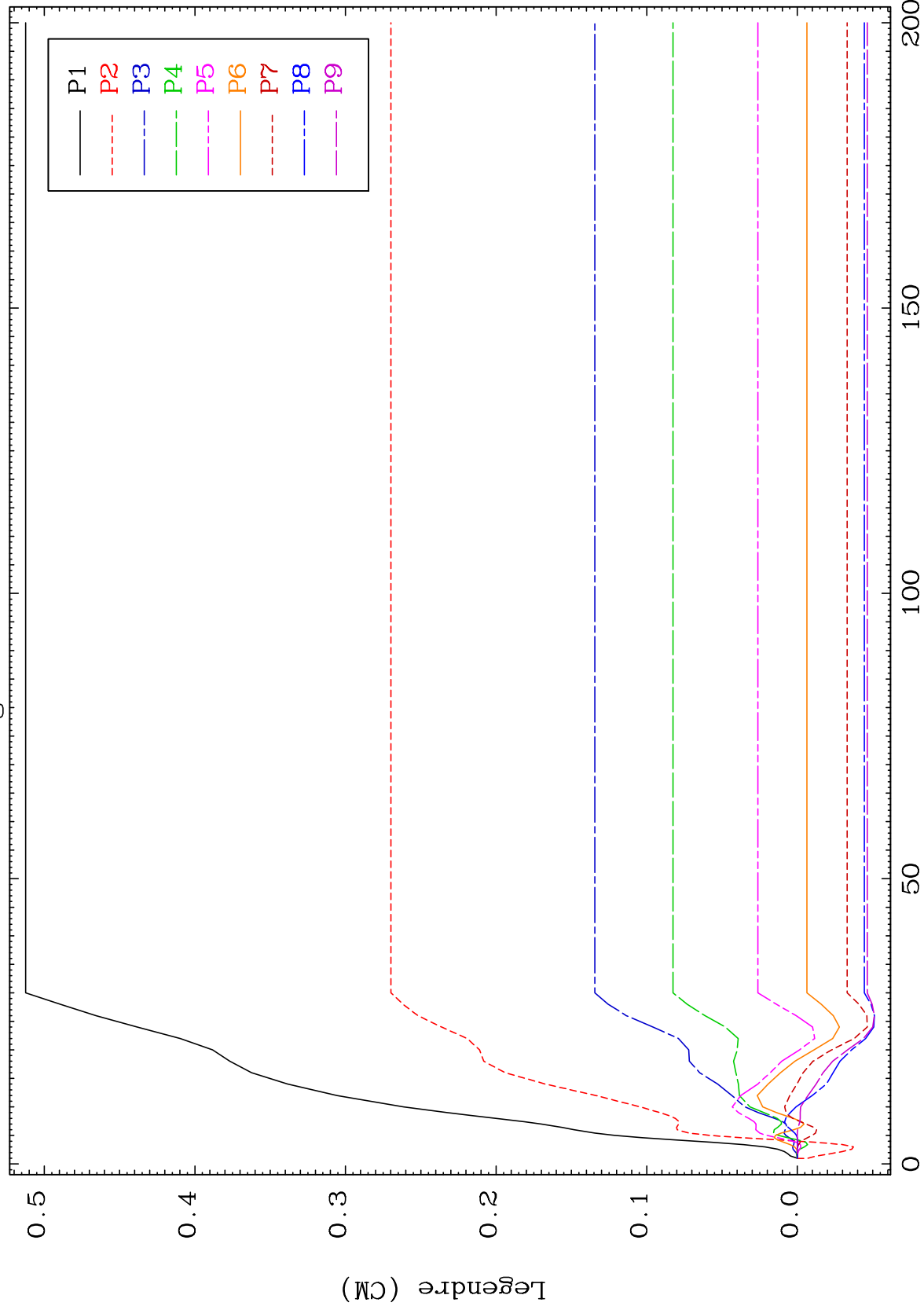
36

41-Nb-93

MAT 4125

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

41-Nb-93



37

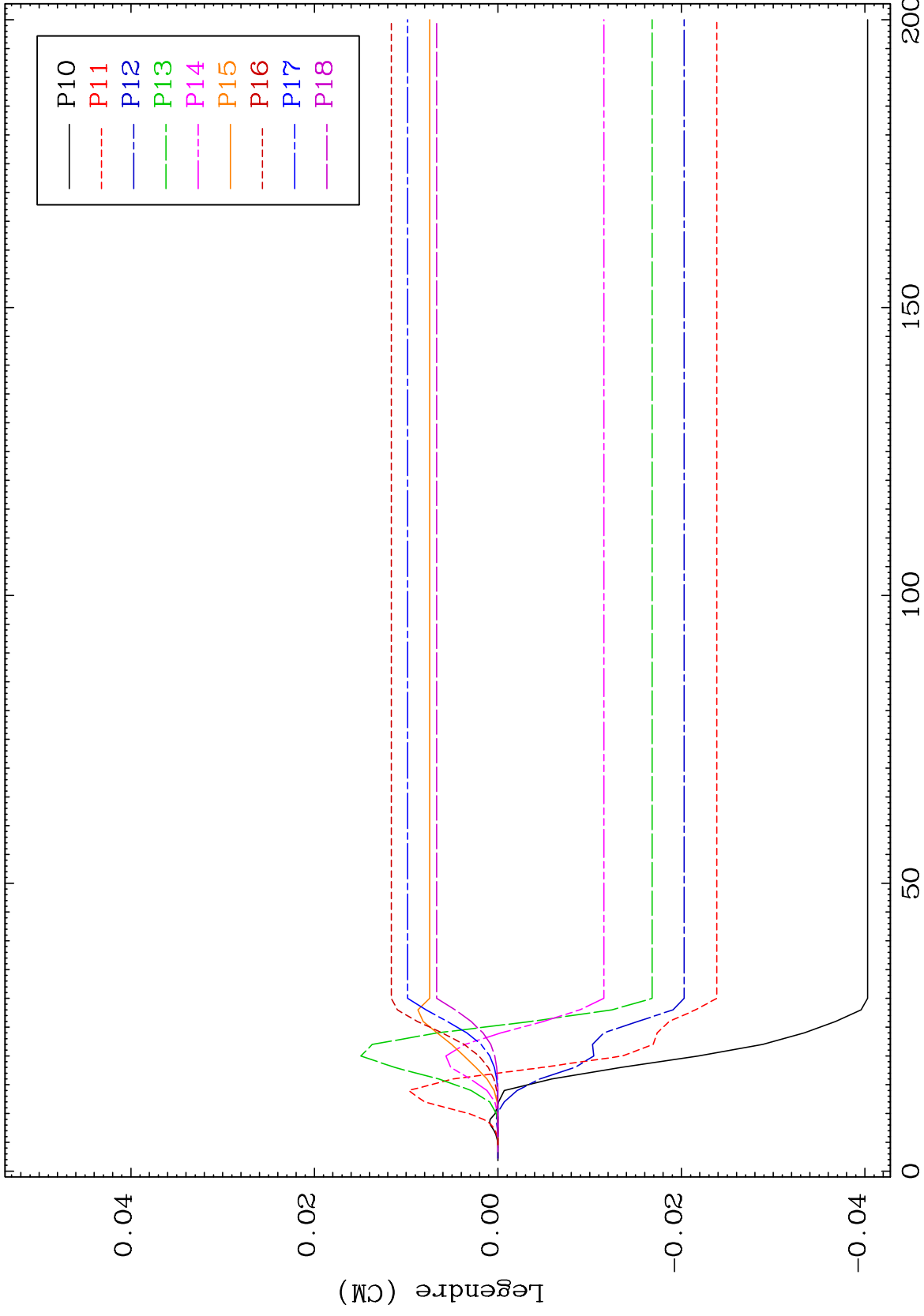
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



38

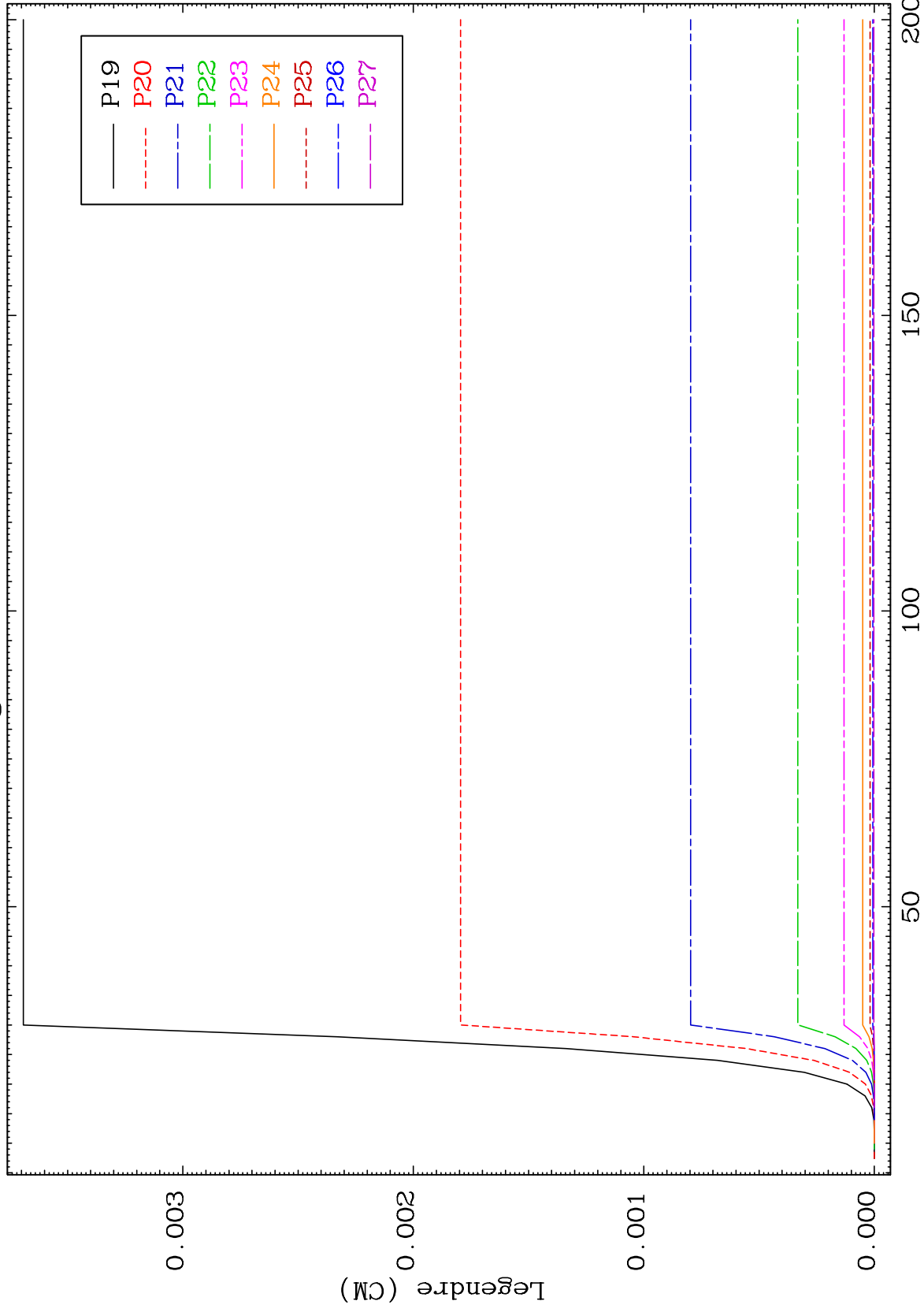
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



39

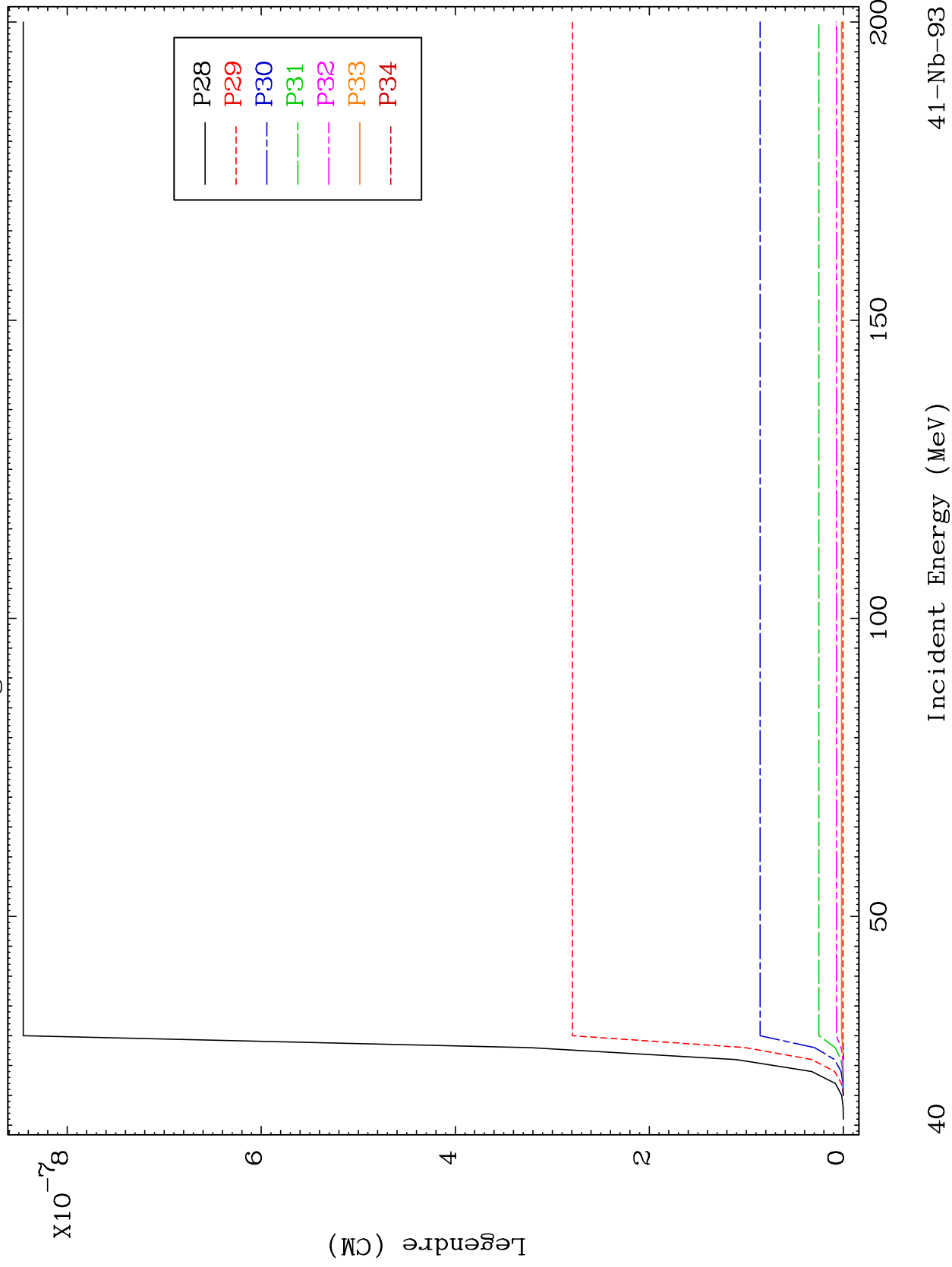
Incident Energy (MeV)

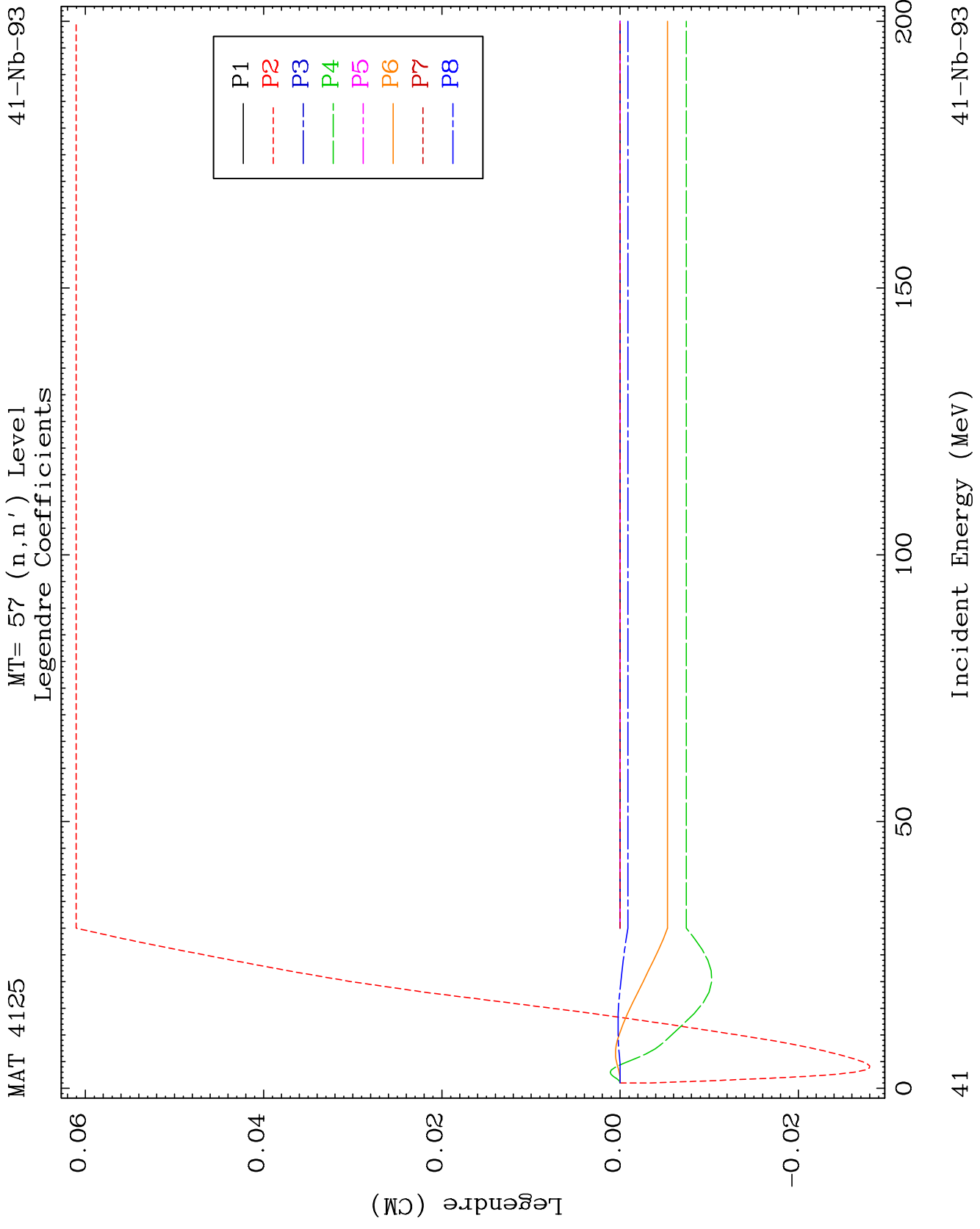
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MAT 4125

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

41-Nb-93

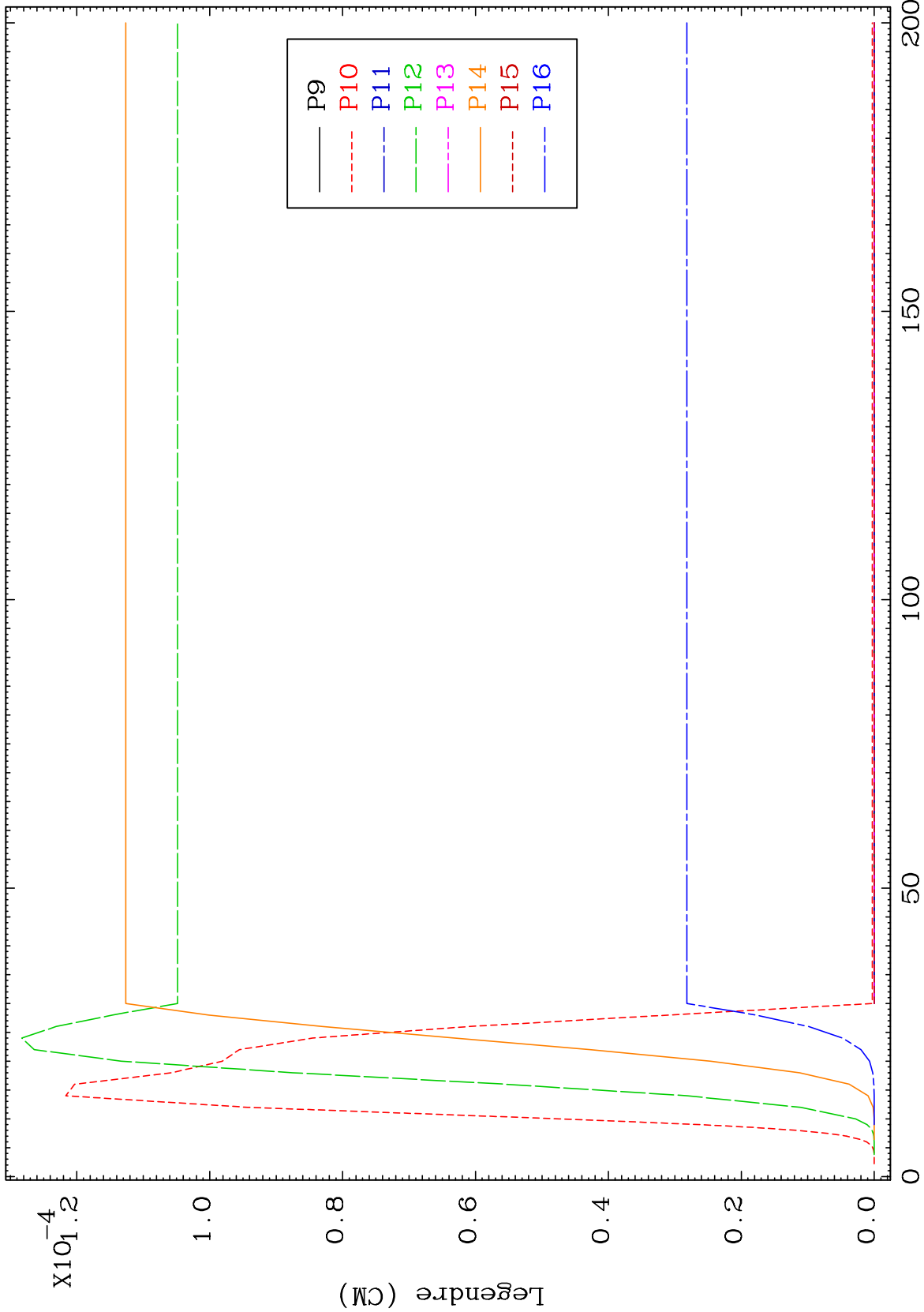




MAT 4125

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

41-Nb-93



42

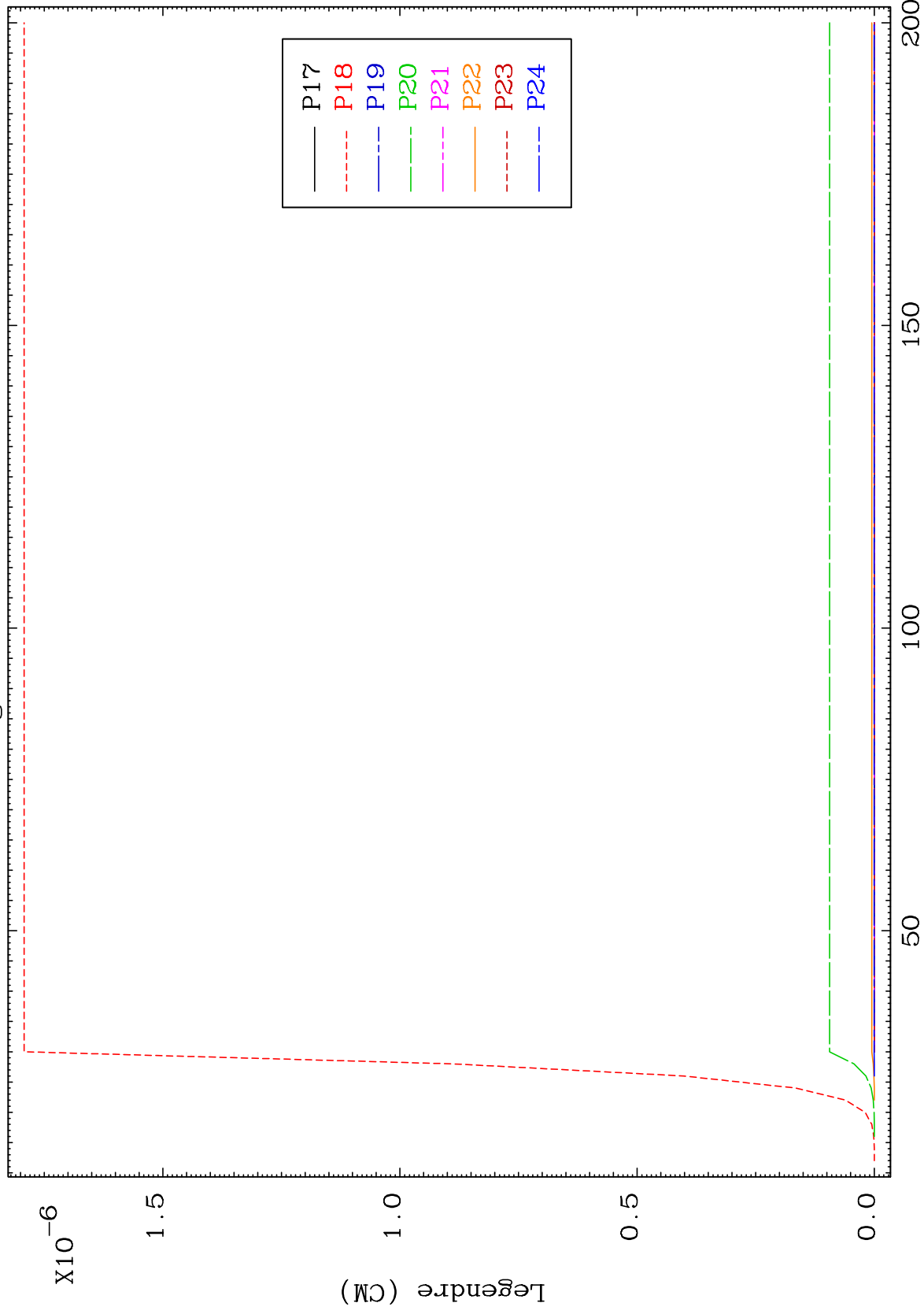
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



43

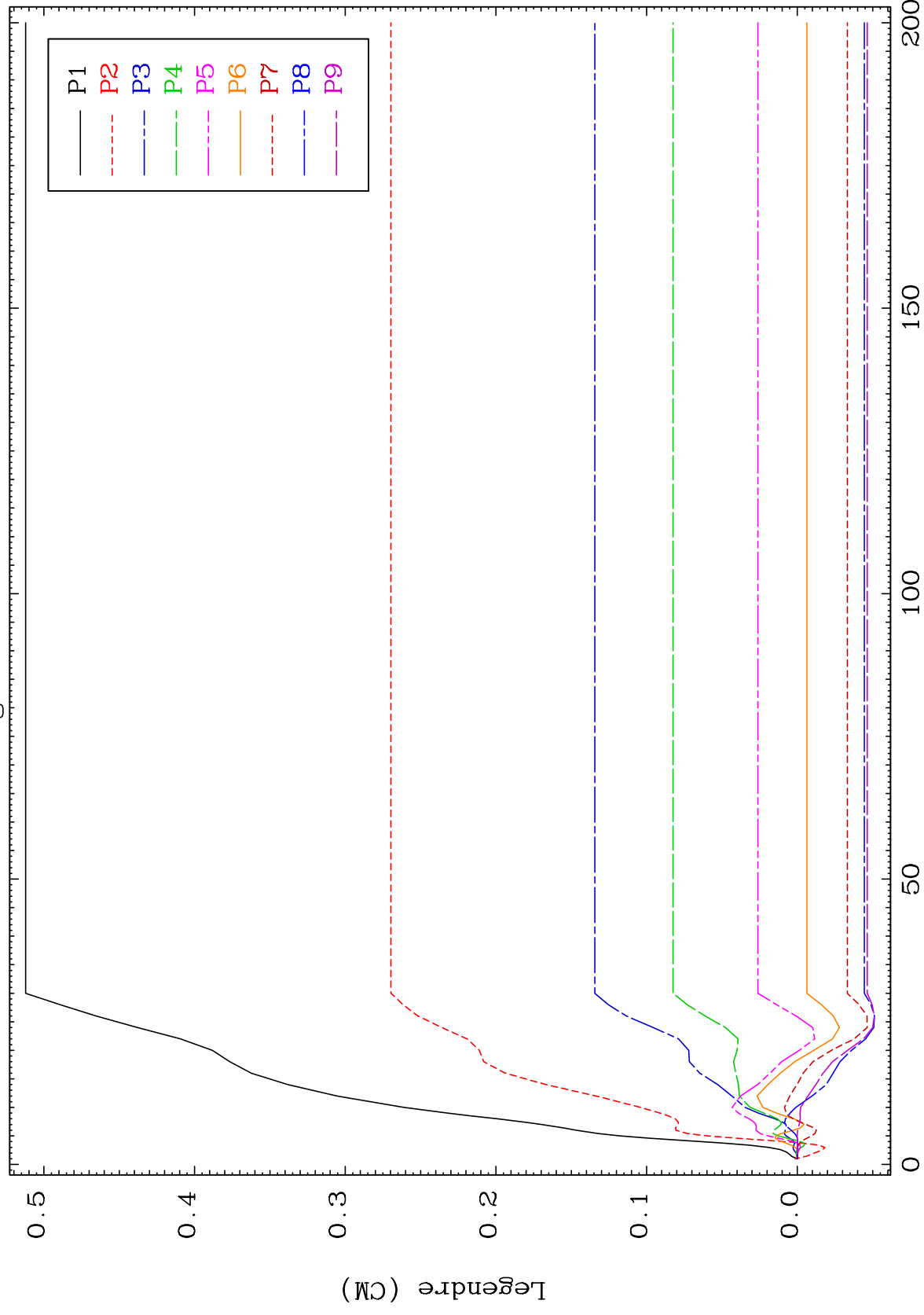
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



44

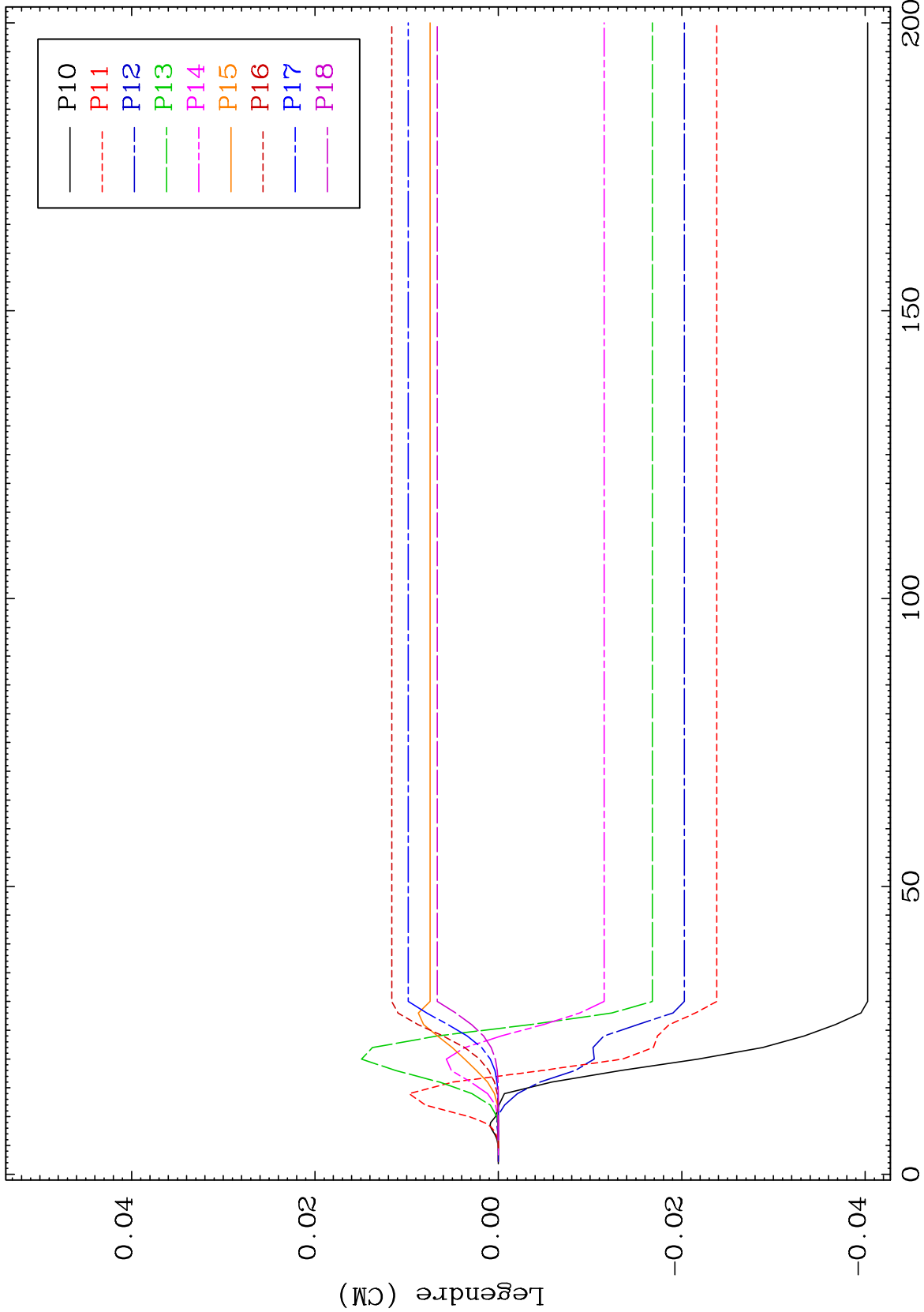
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



45

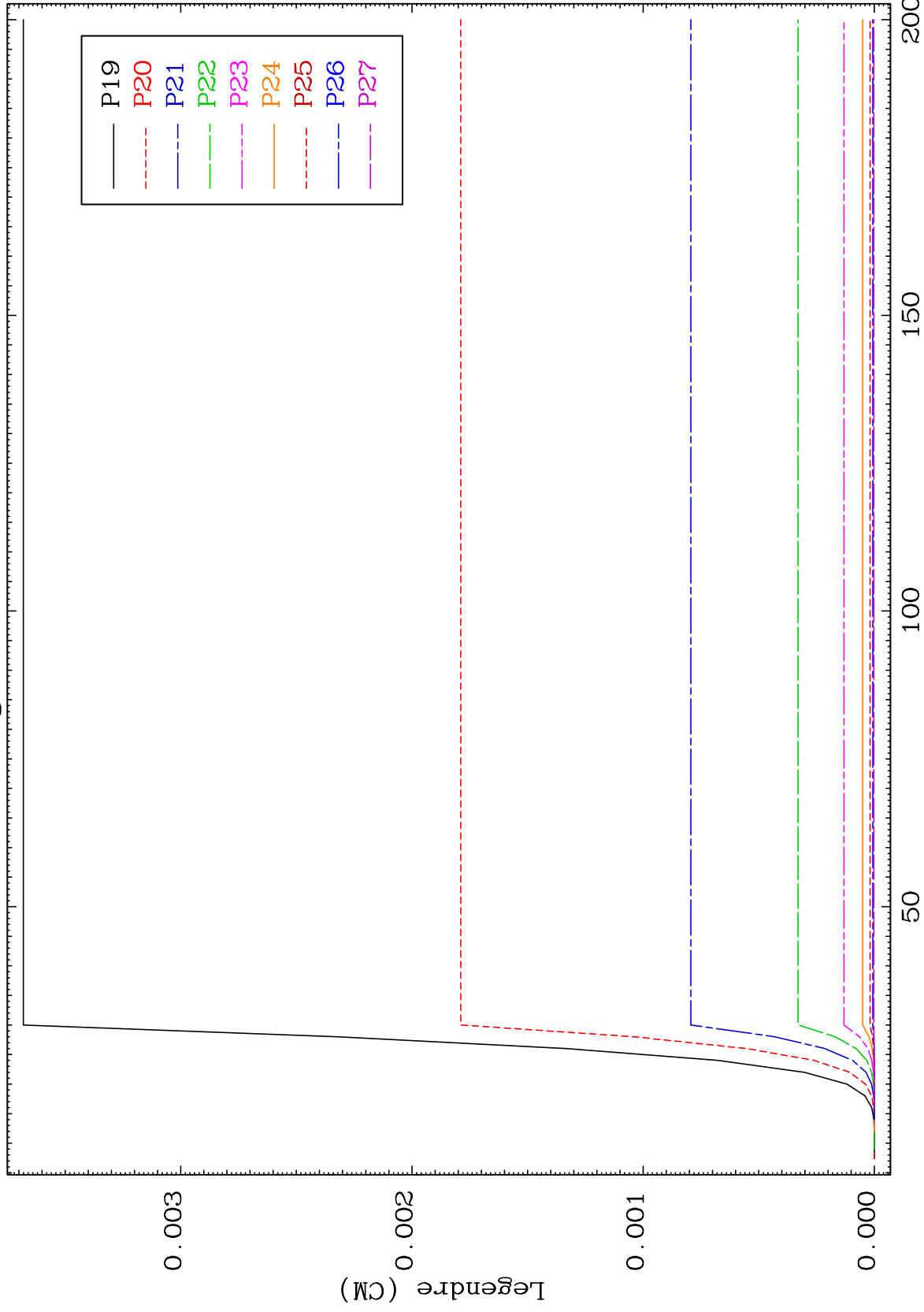
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



46

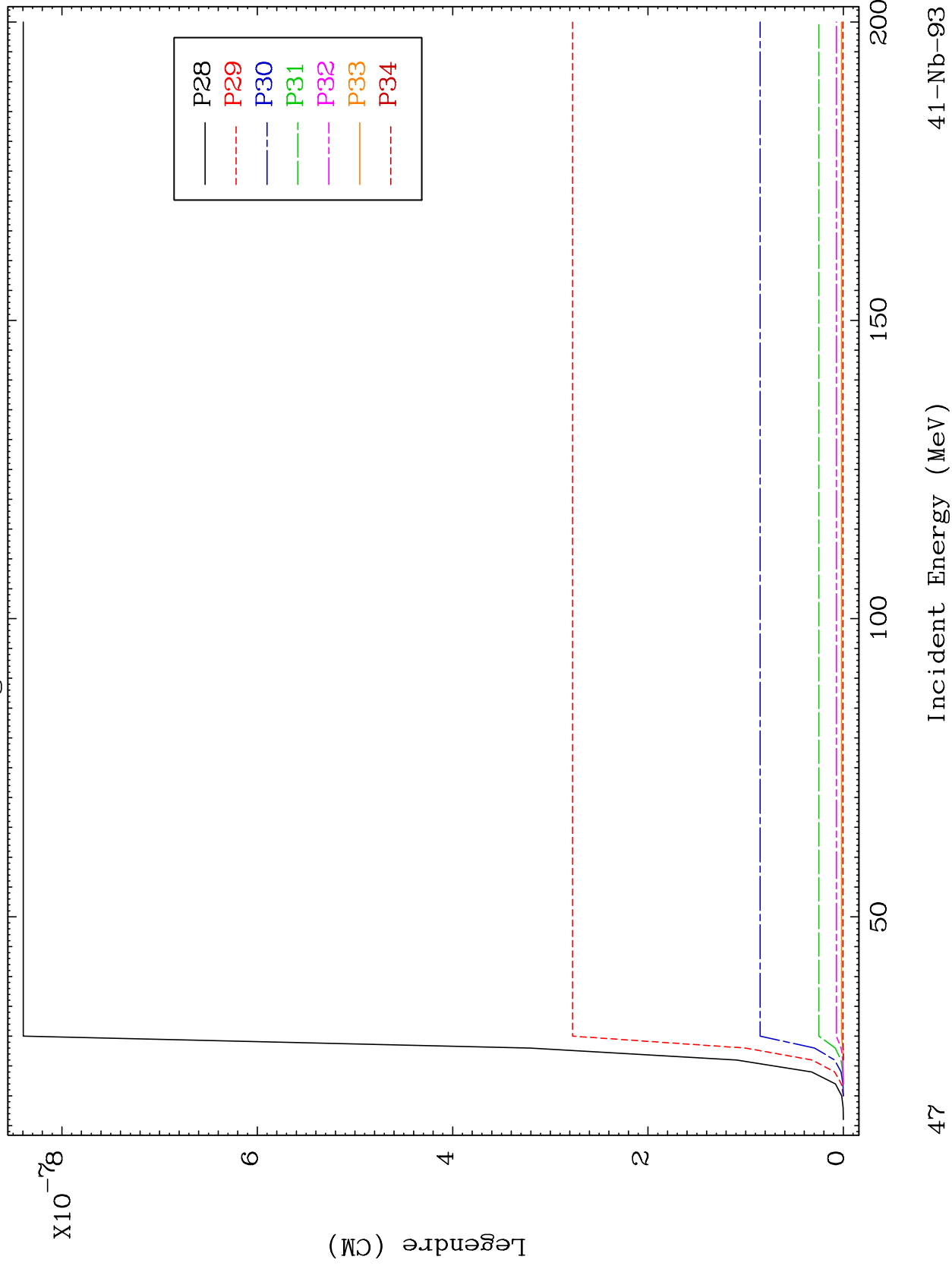
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

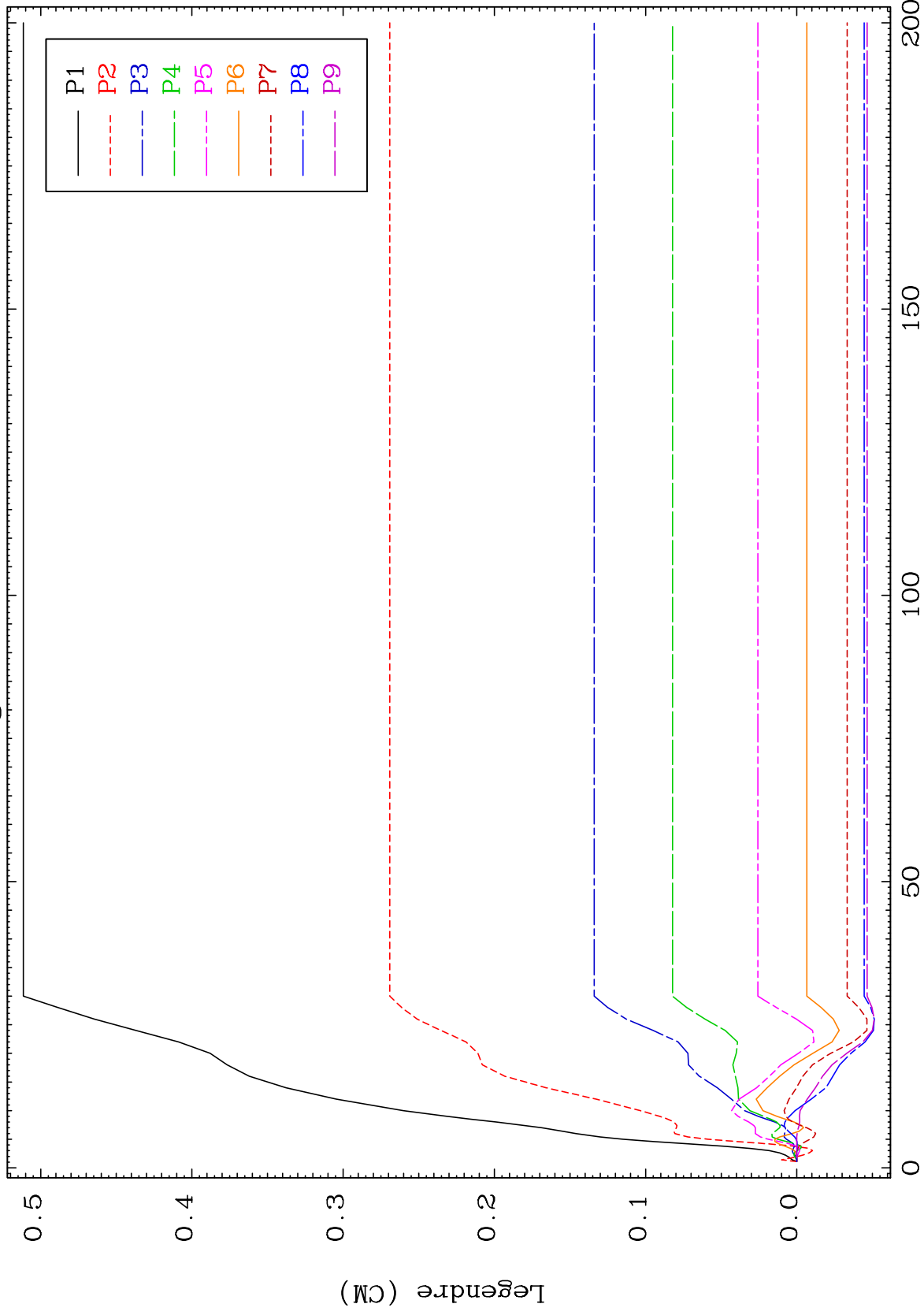
41-Nb-93



MAT 4125

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

41-Nb-93



48

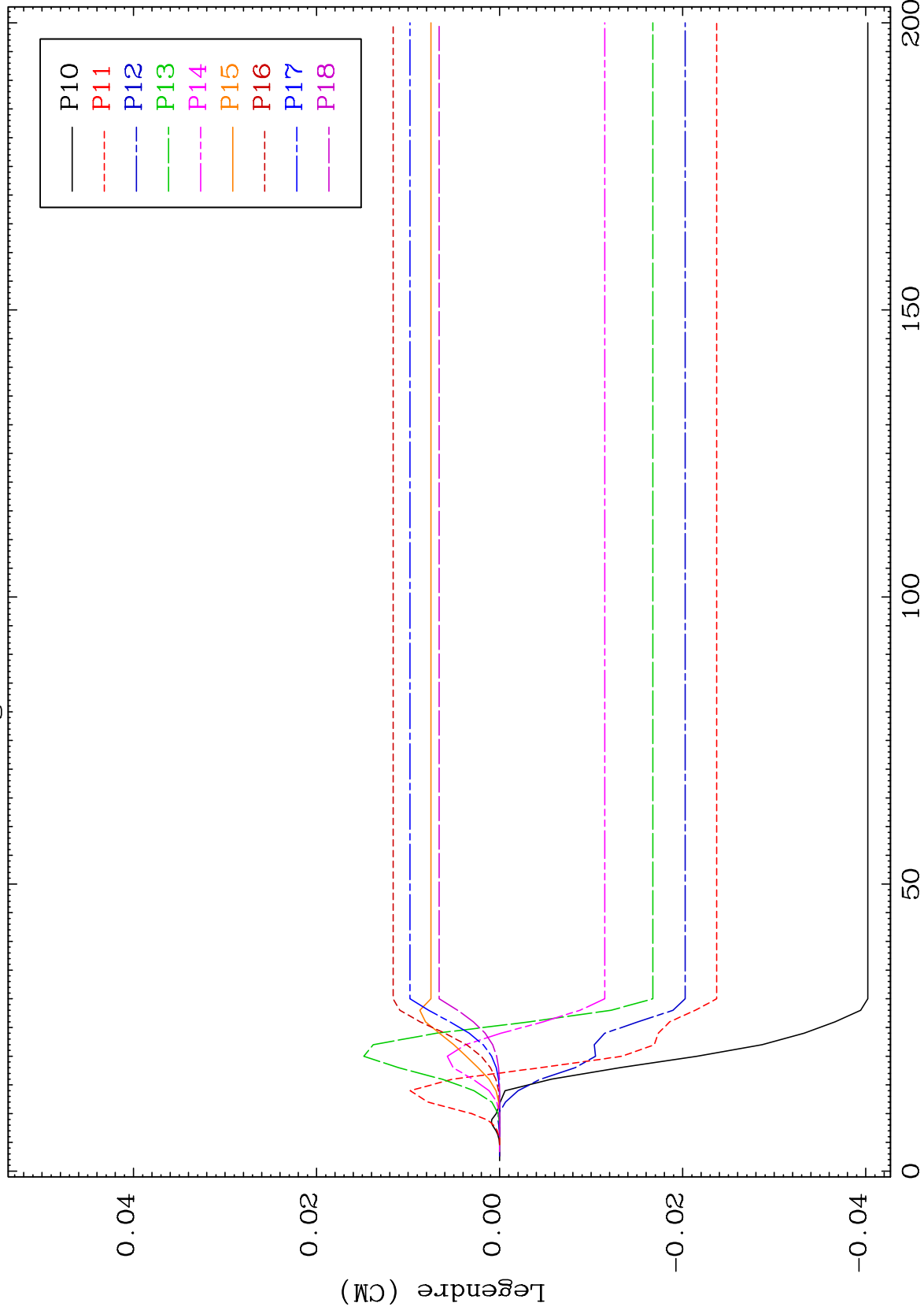
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



49

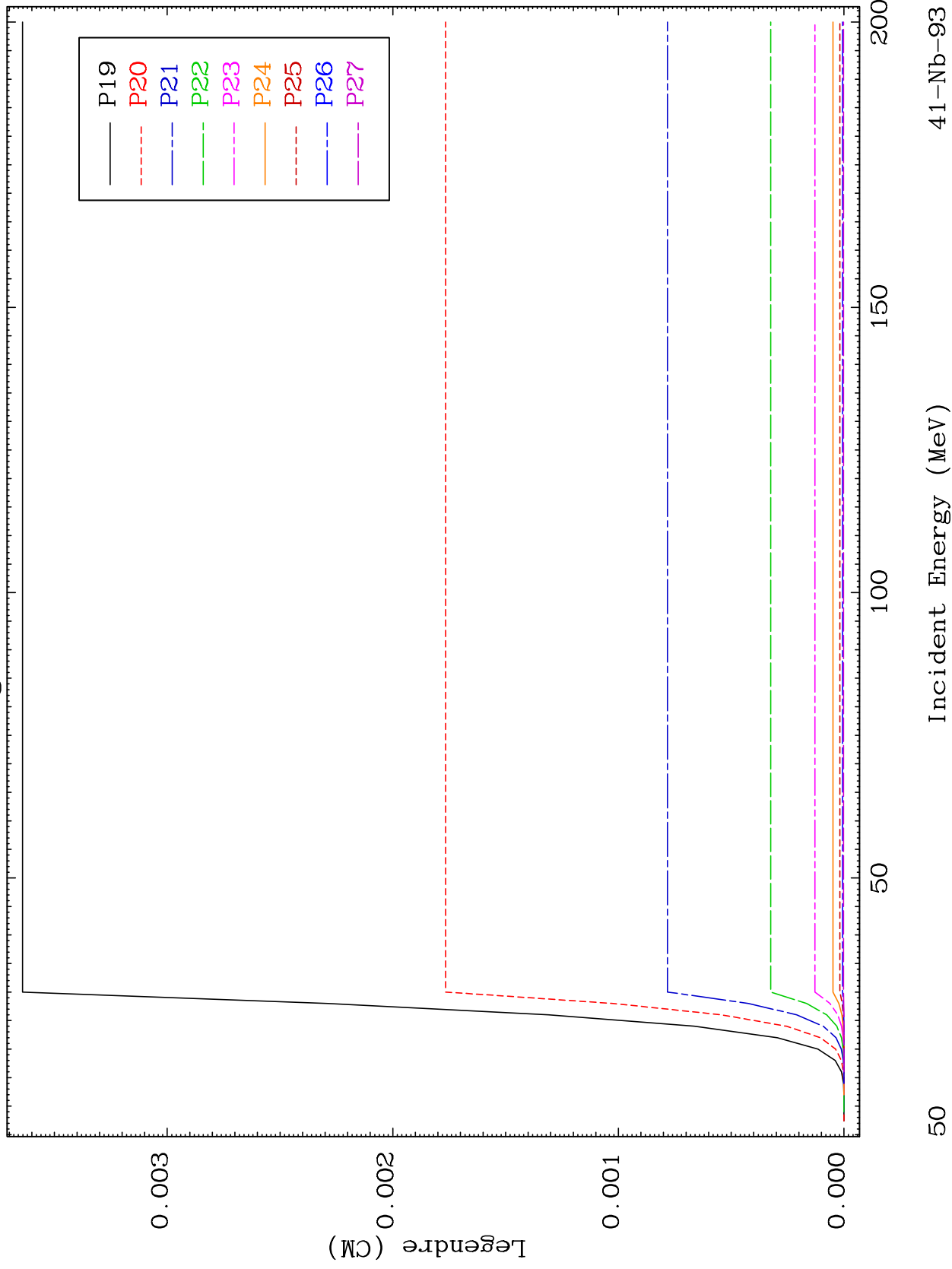
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



41-Nb-93

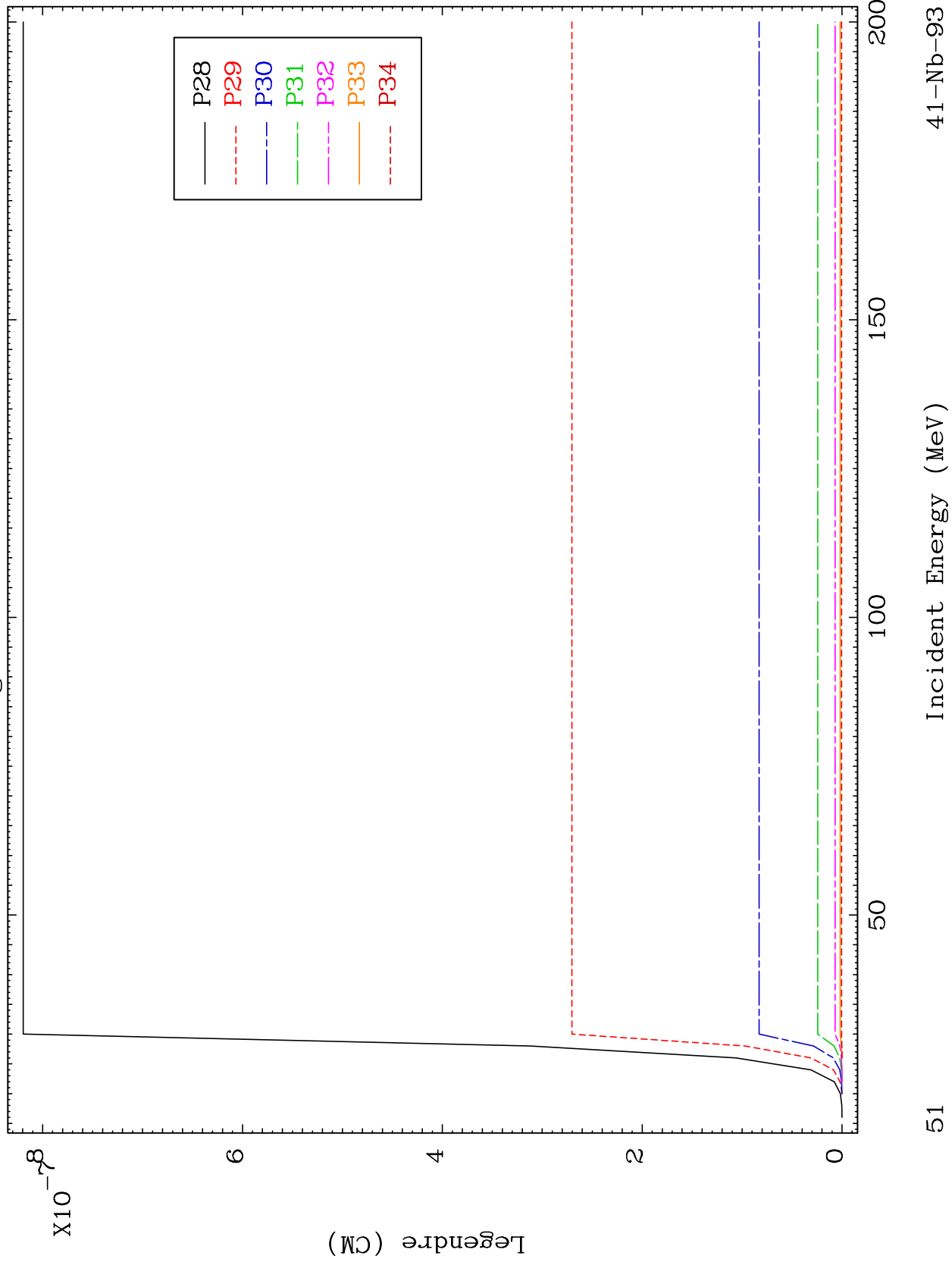
Incident Energy (MeV)

50

MAT 4125

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

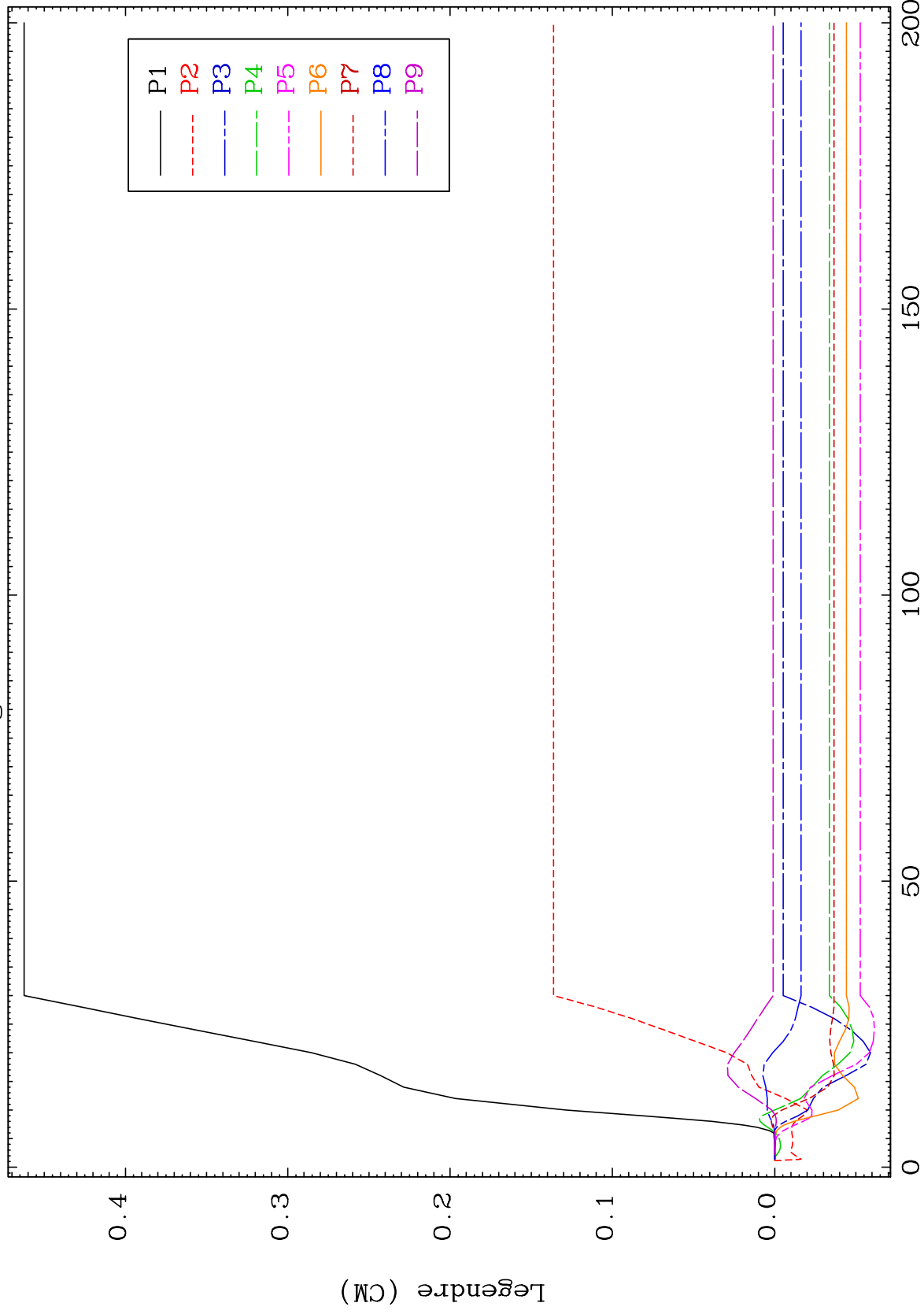
41-Nb-93



MAT 4125

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

41-Nb-93



52

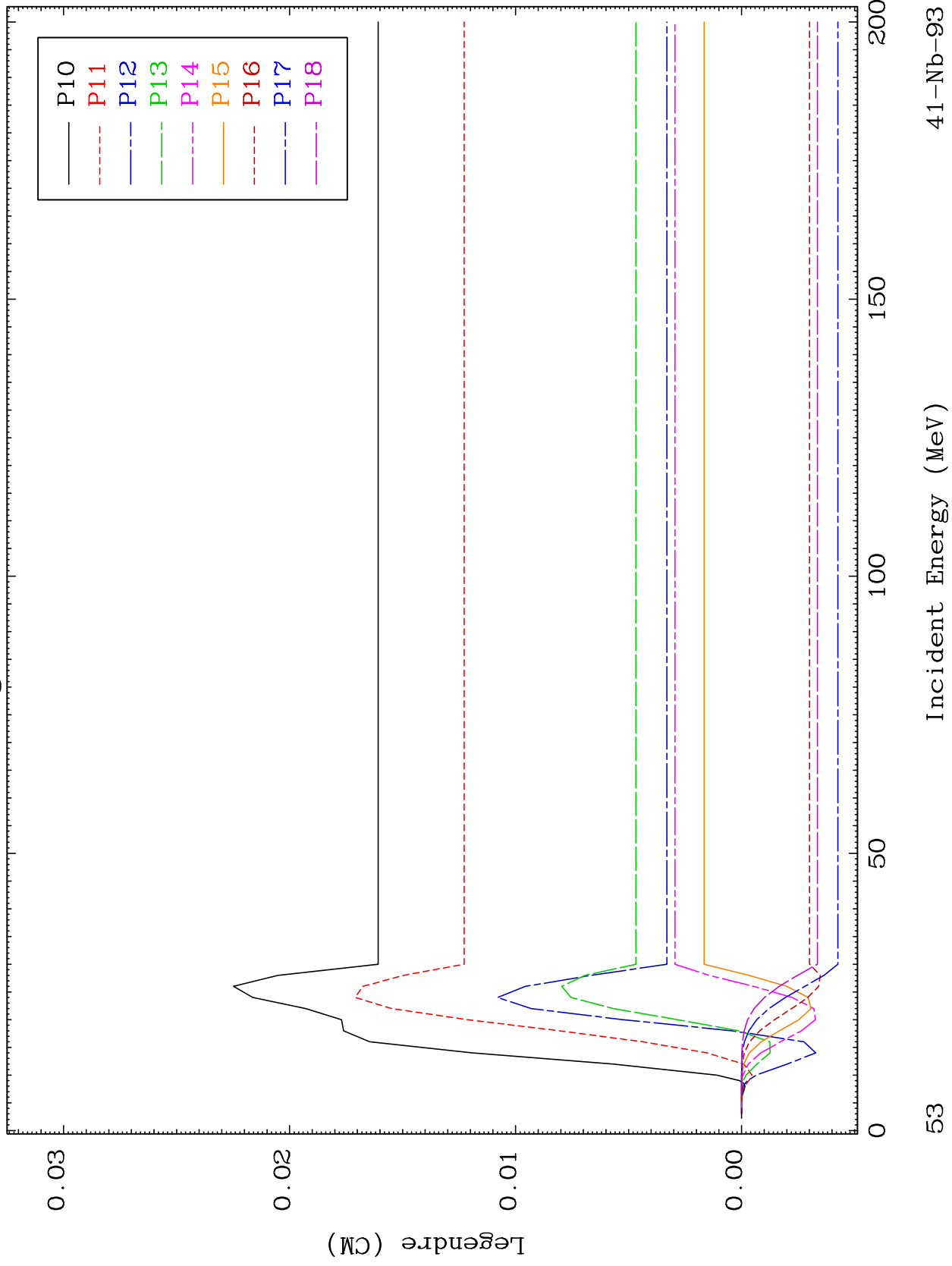
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

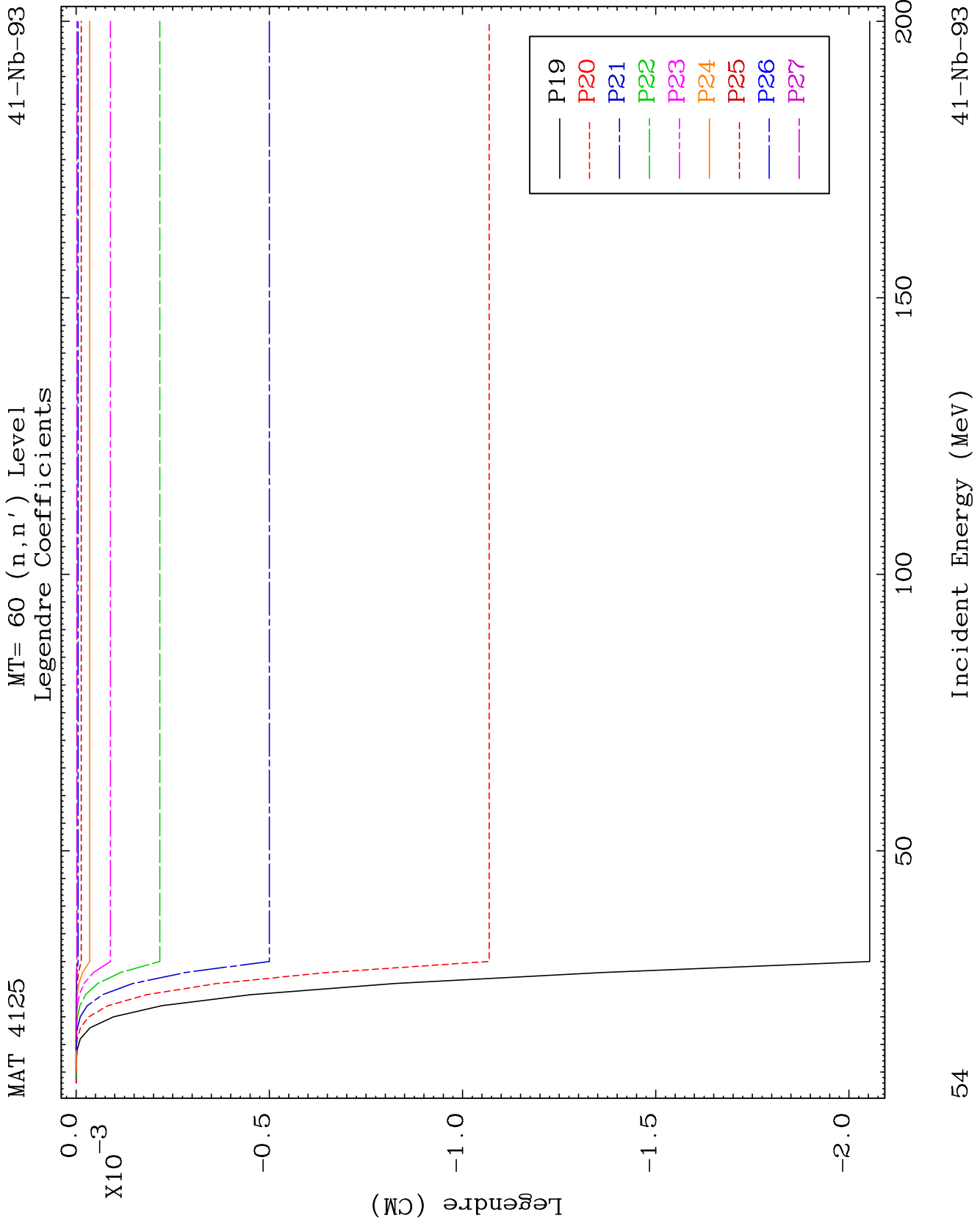
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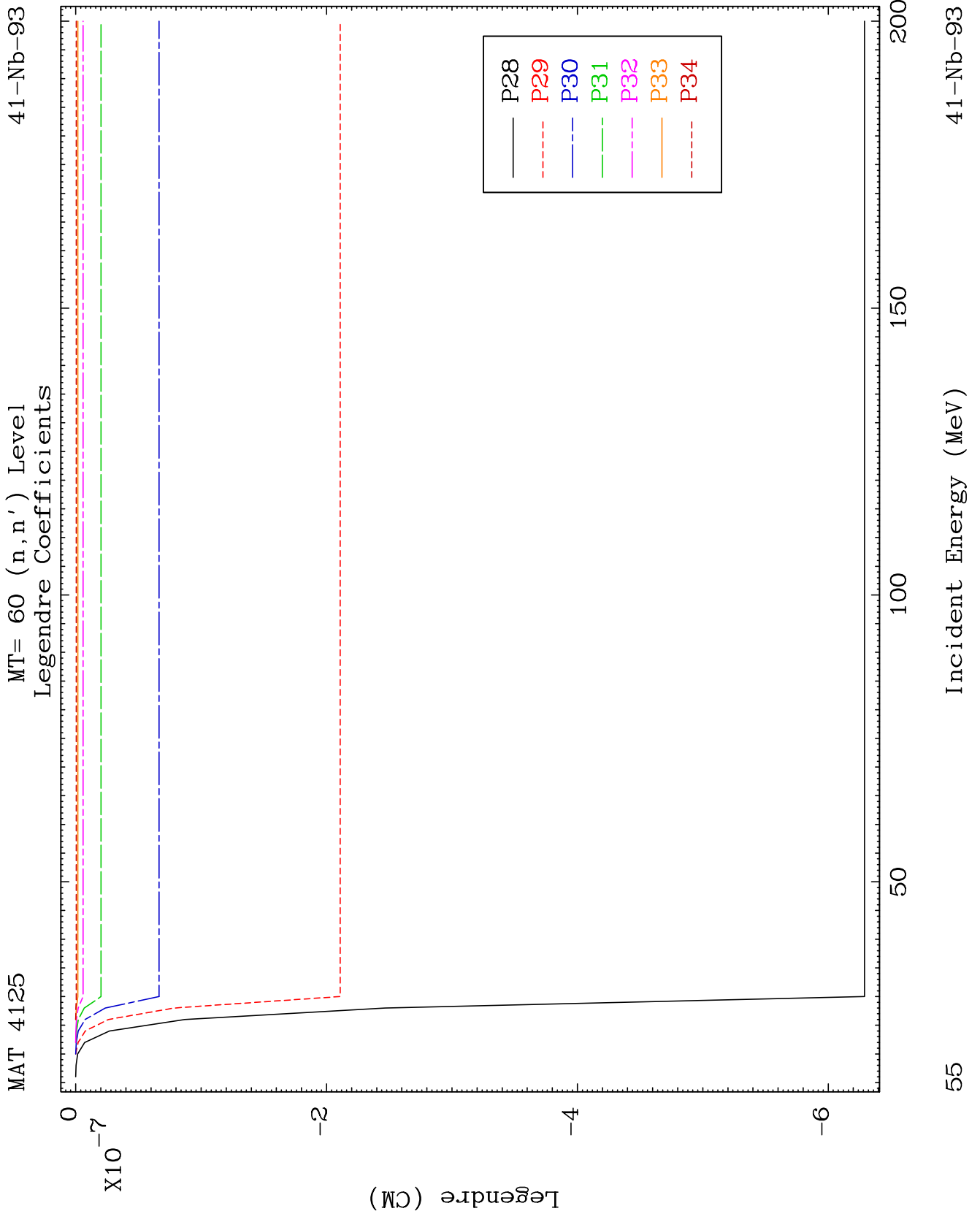


53

Incident Energy (MeV)

41-Nb-93

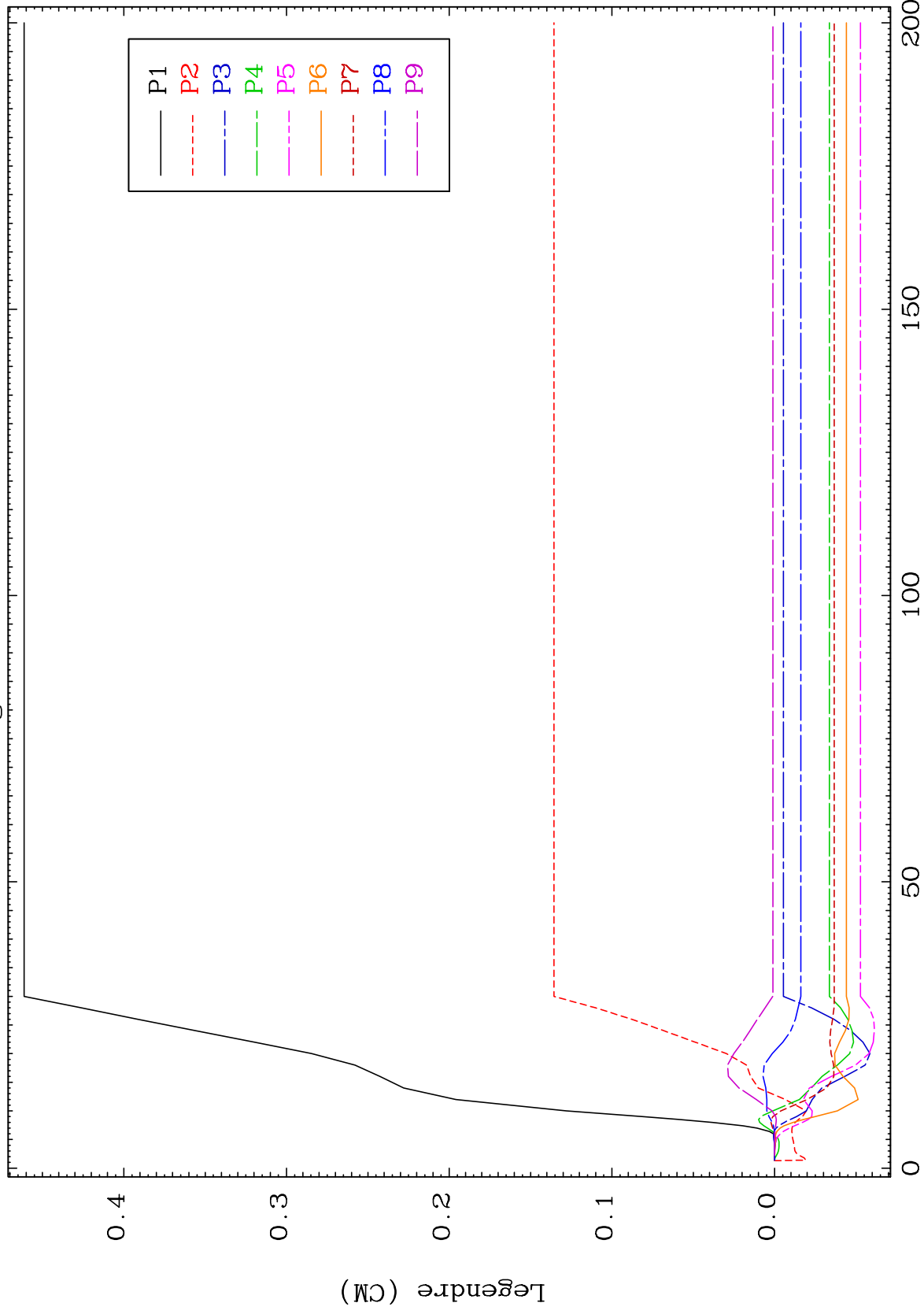




MAT 4125

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

41-Nb-93



56

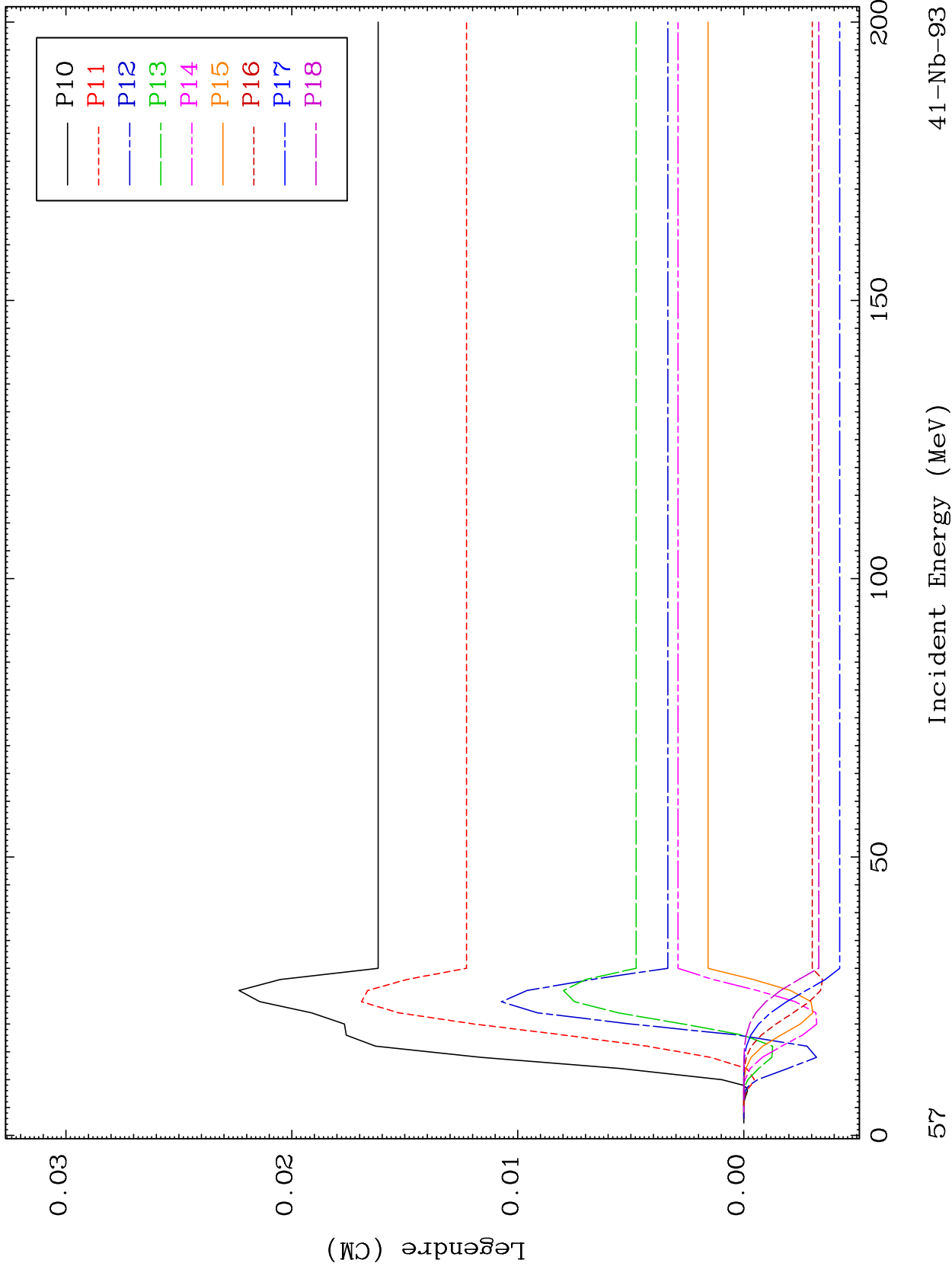
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

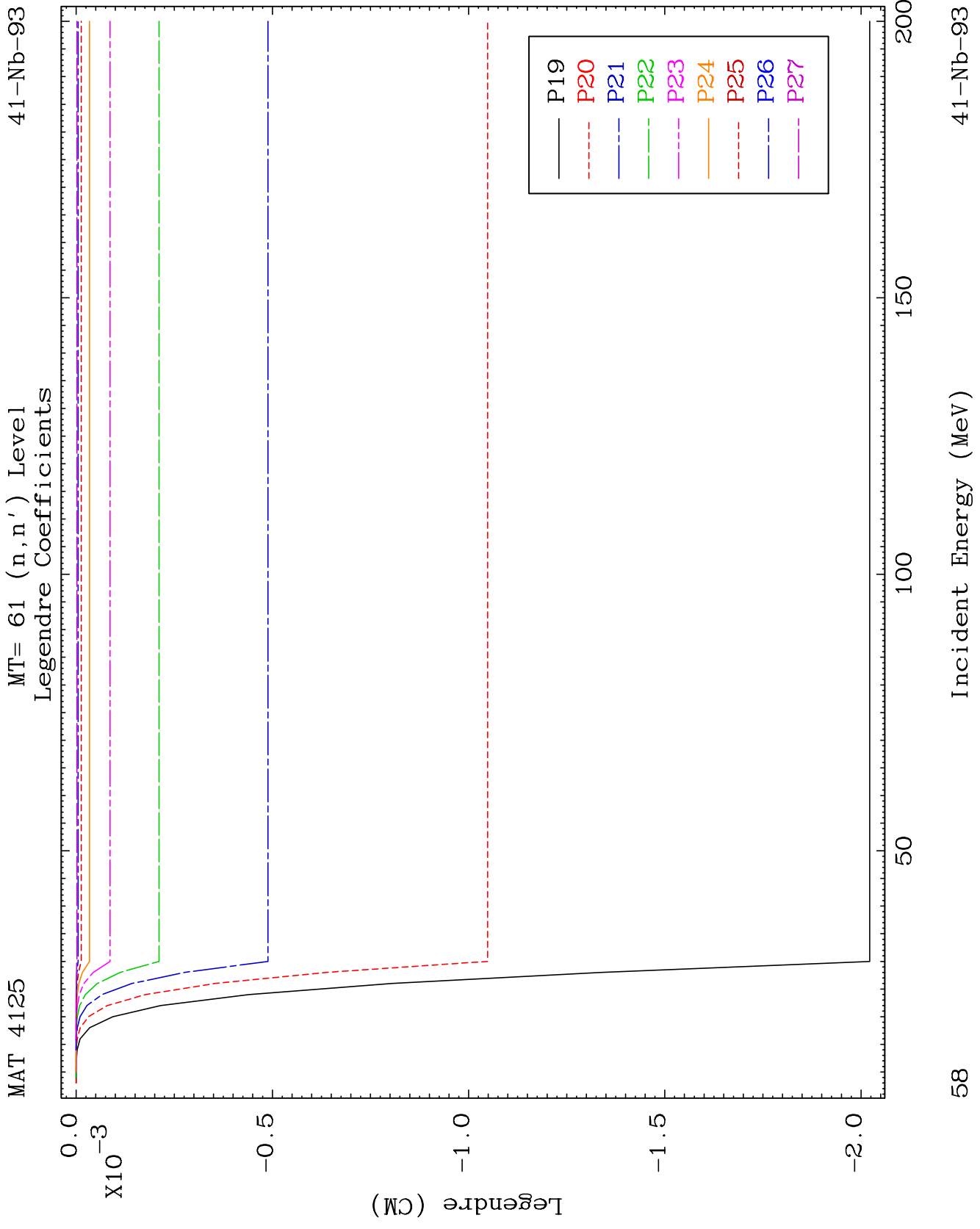
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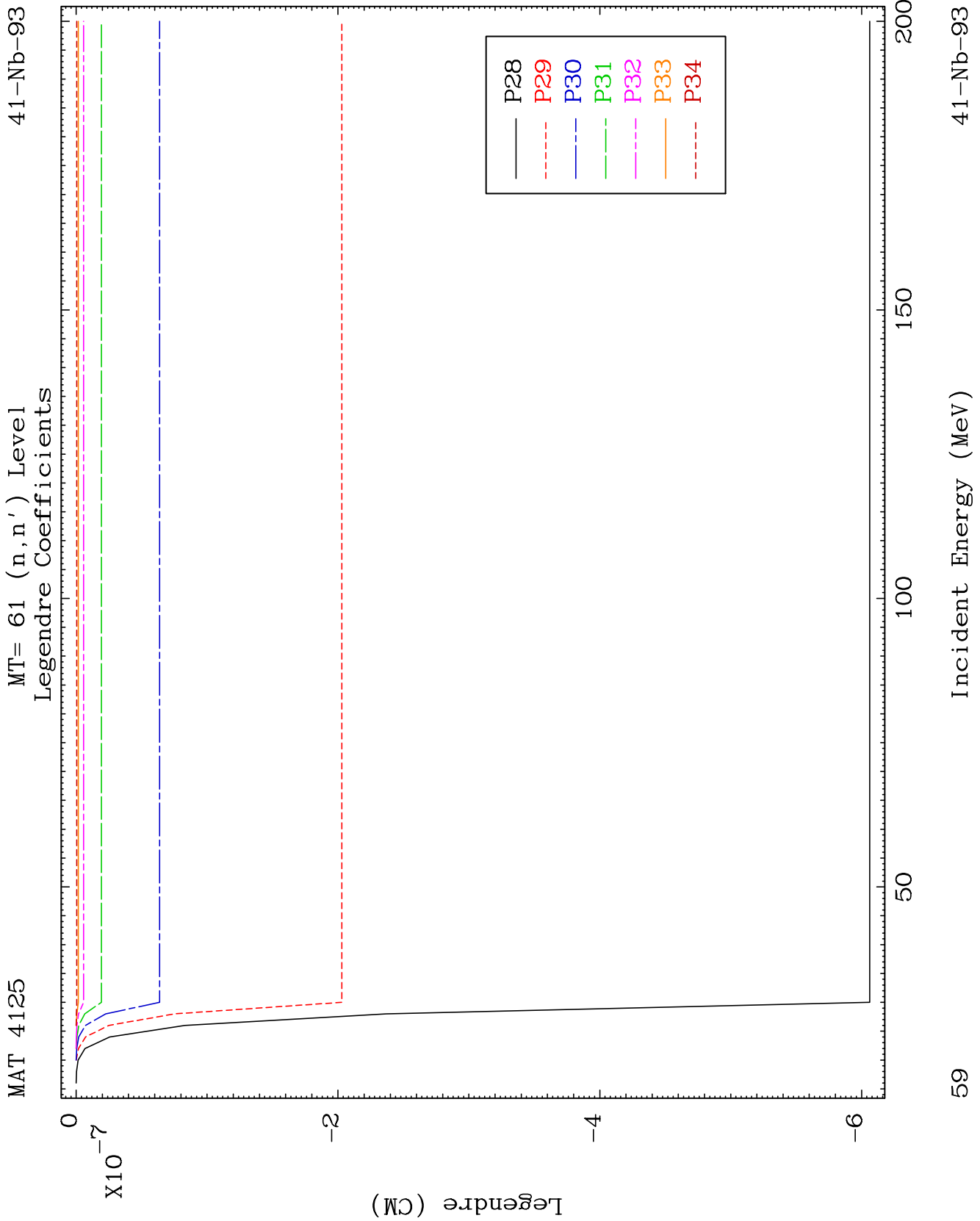


57

Incident Energy (MeV)

41-Nb-93

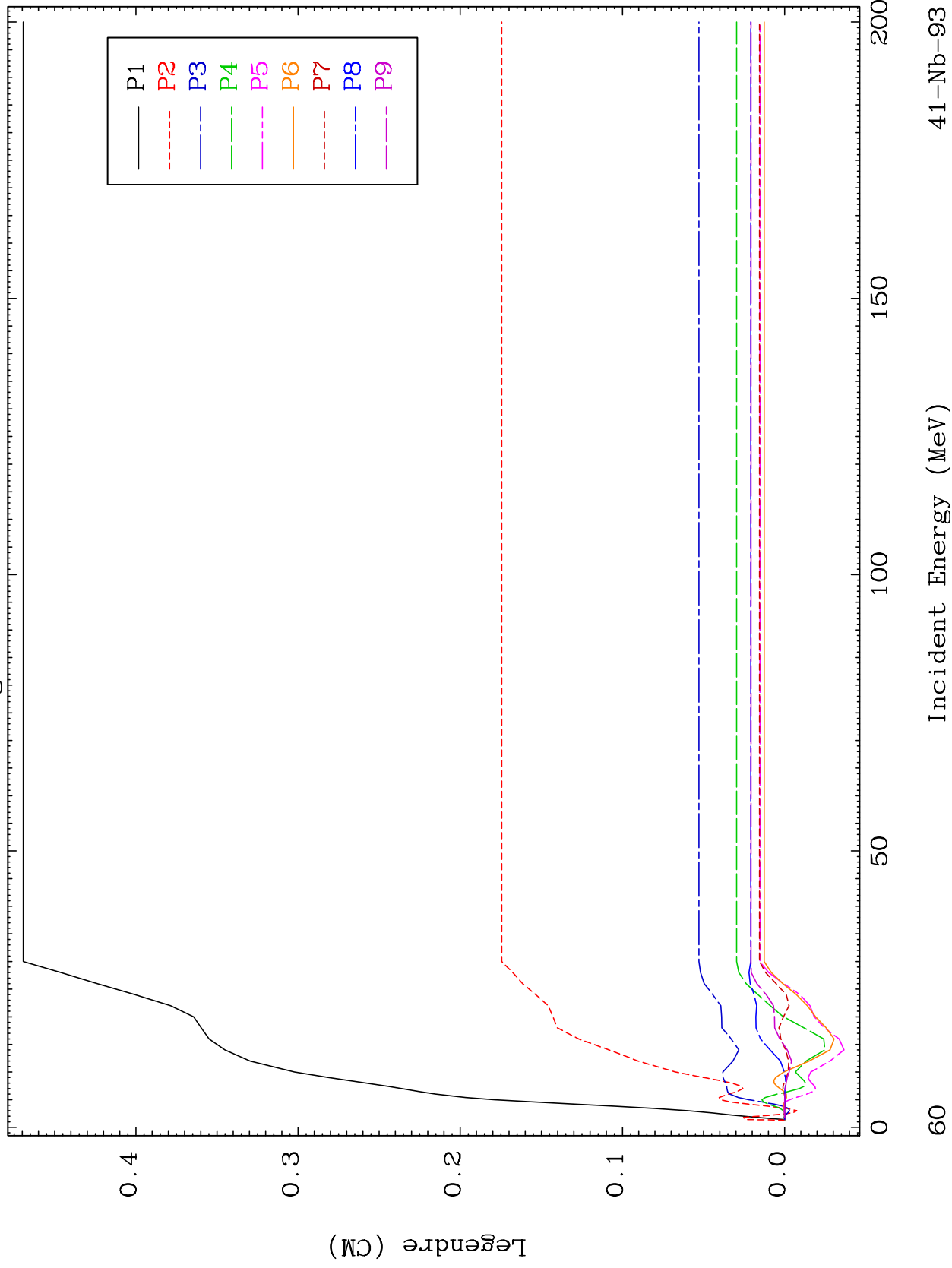




MAT 4125

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

41-Nb-93

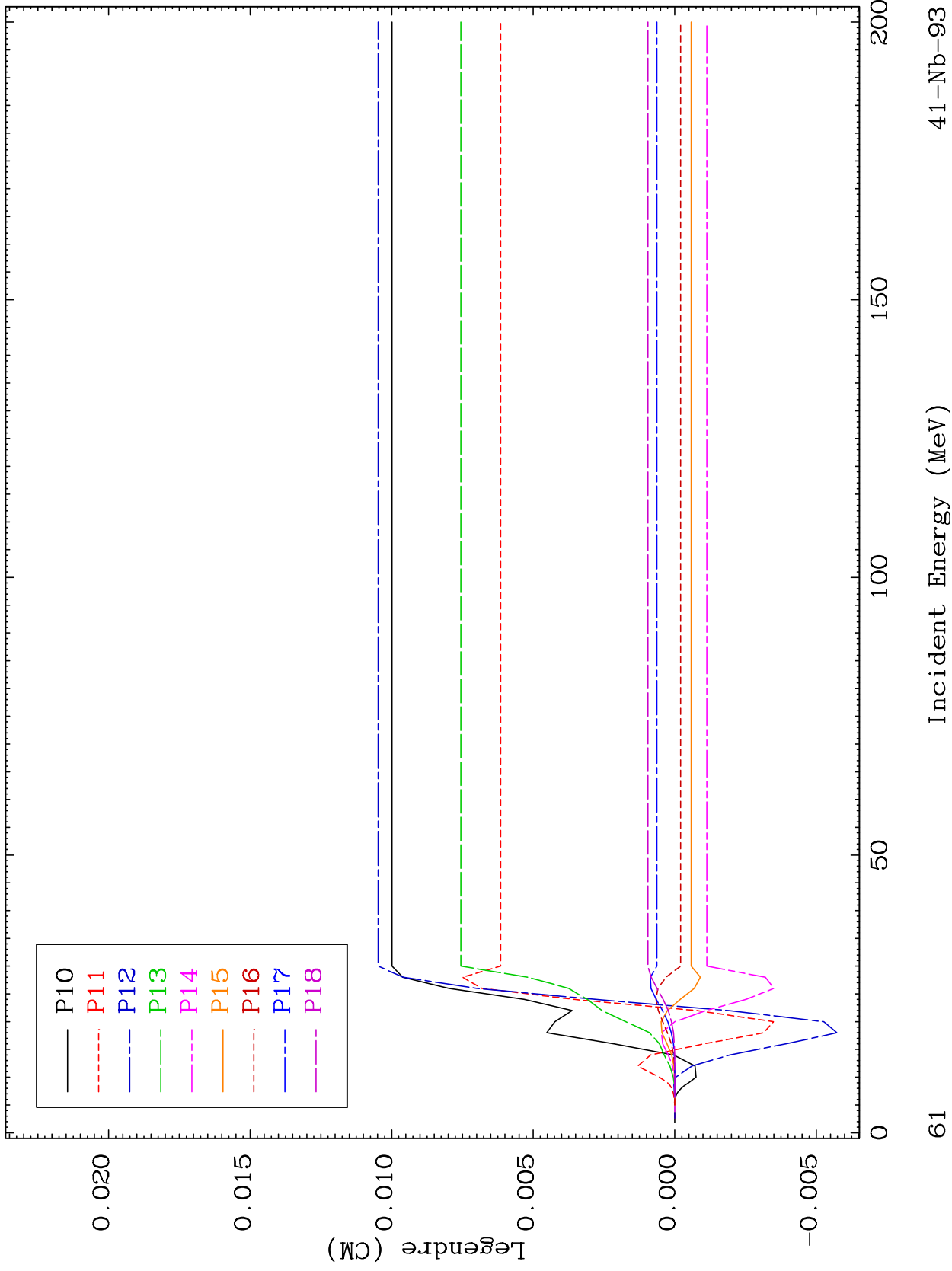


41-Nb-93

MAT 4125

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

41-Nb-93



61

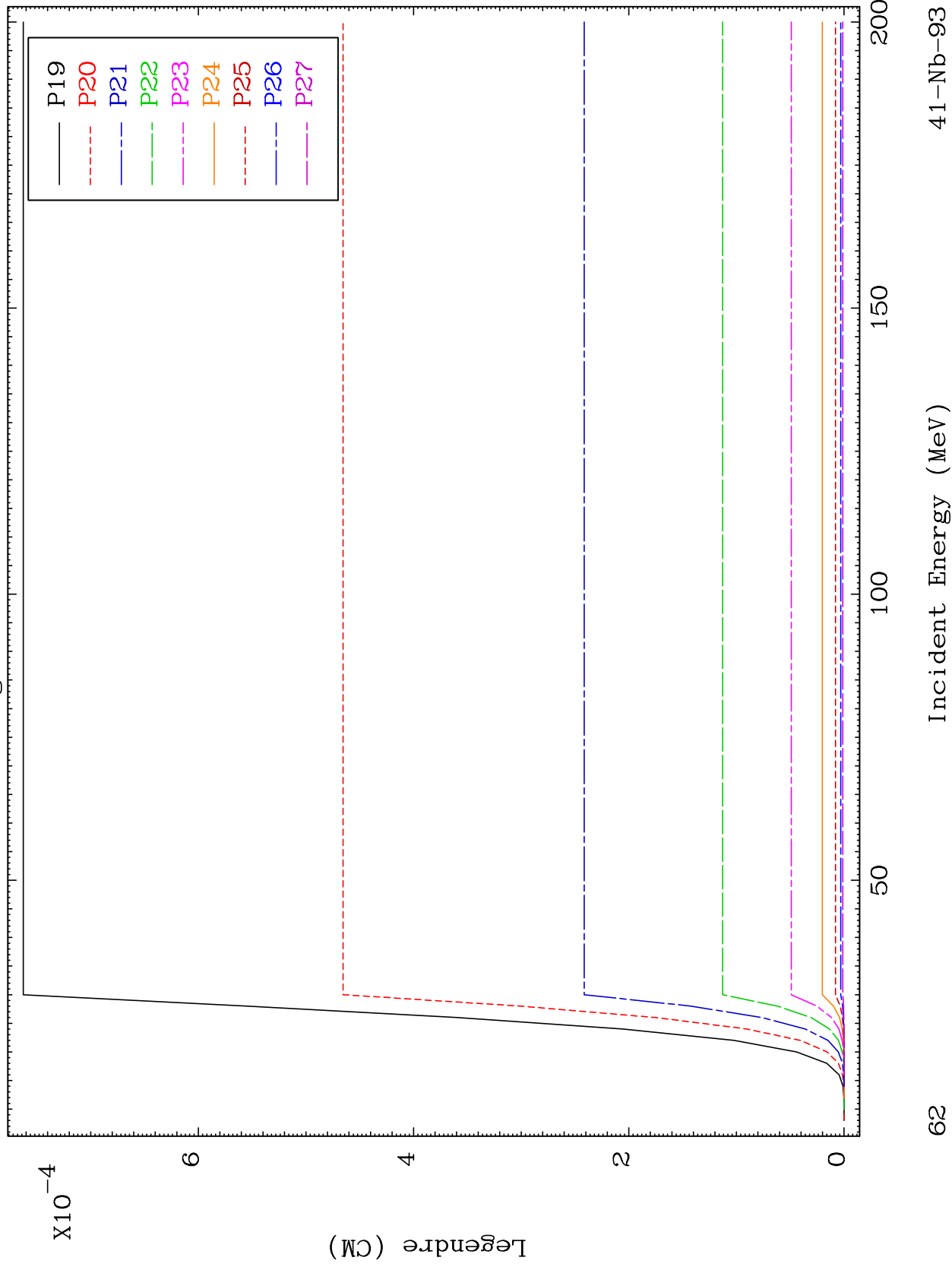
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

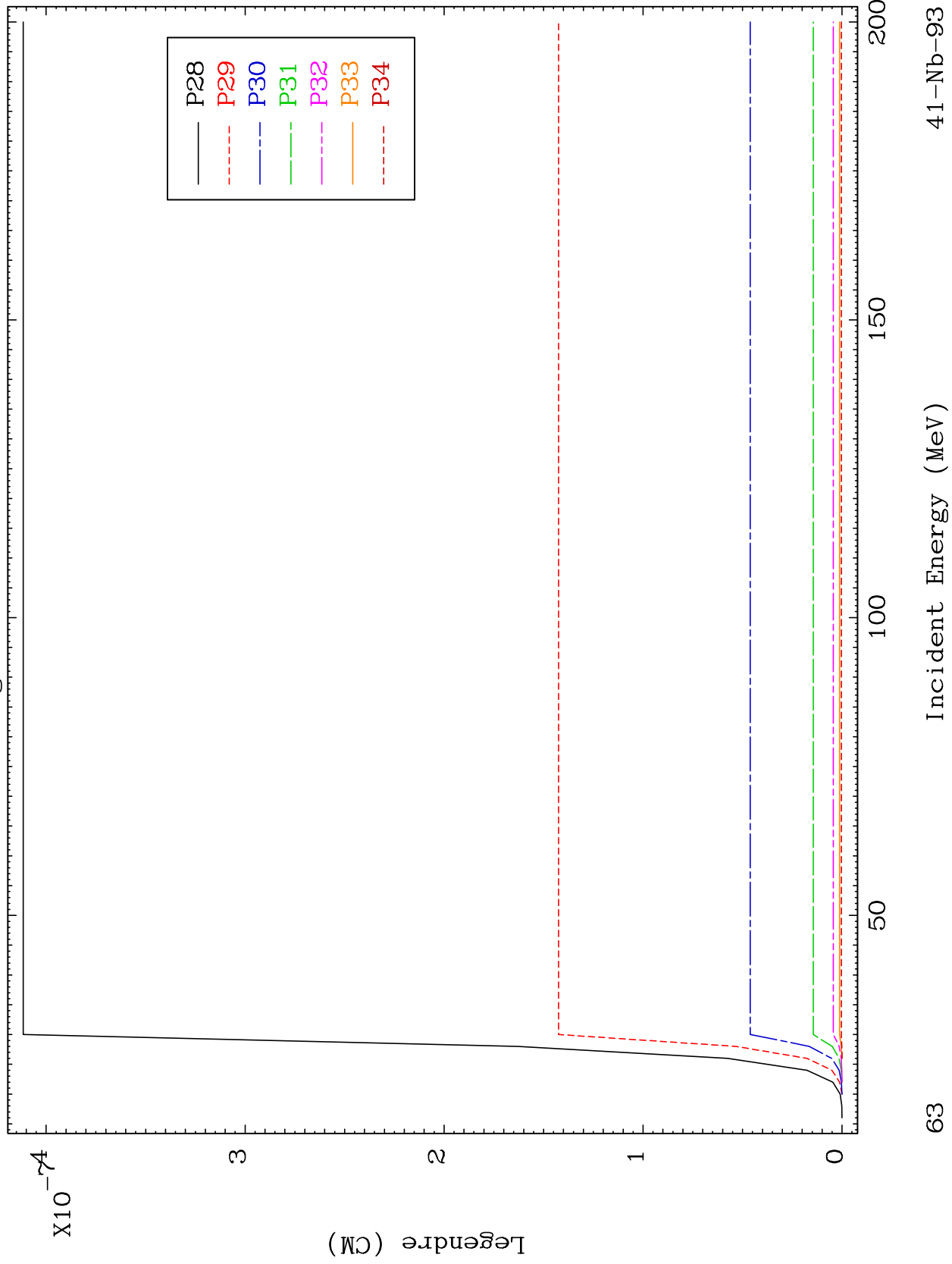
41-Nb-93



MAT 4125

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

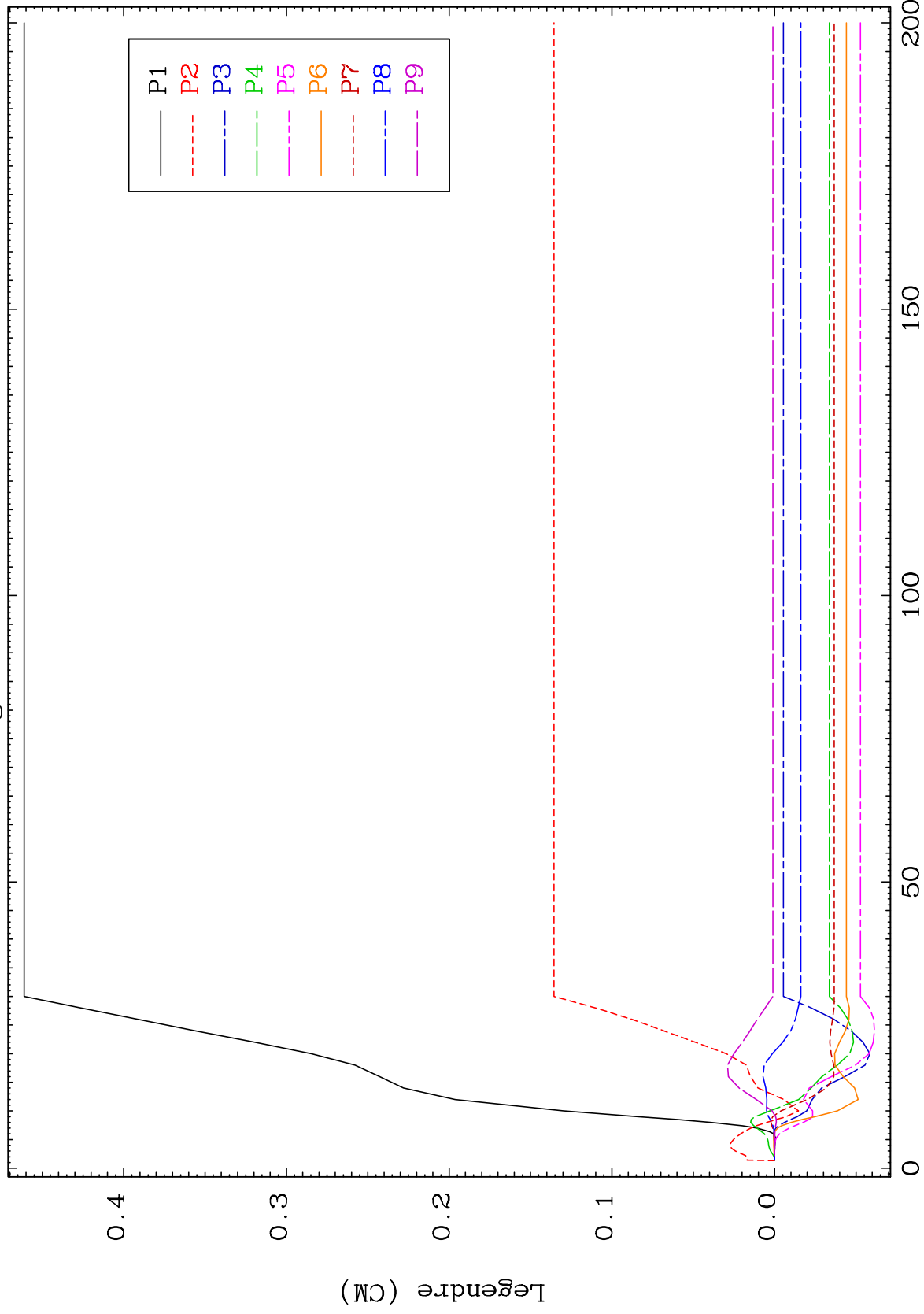
41-Nb-93



MAT 4125

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

41-Nb-93



64

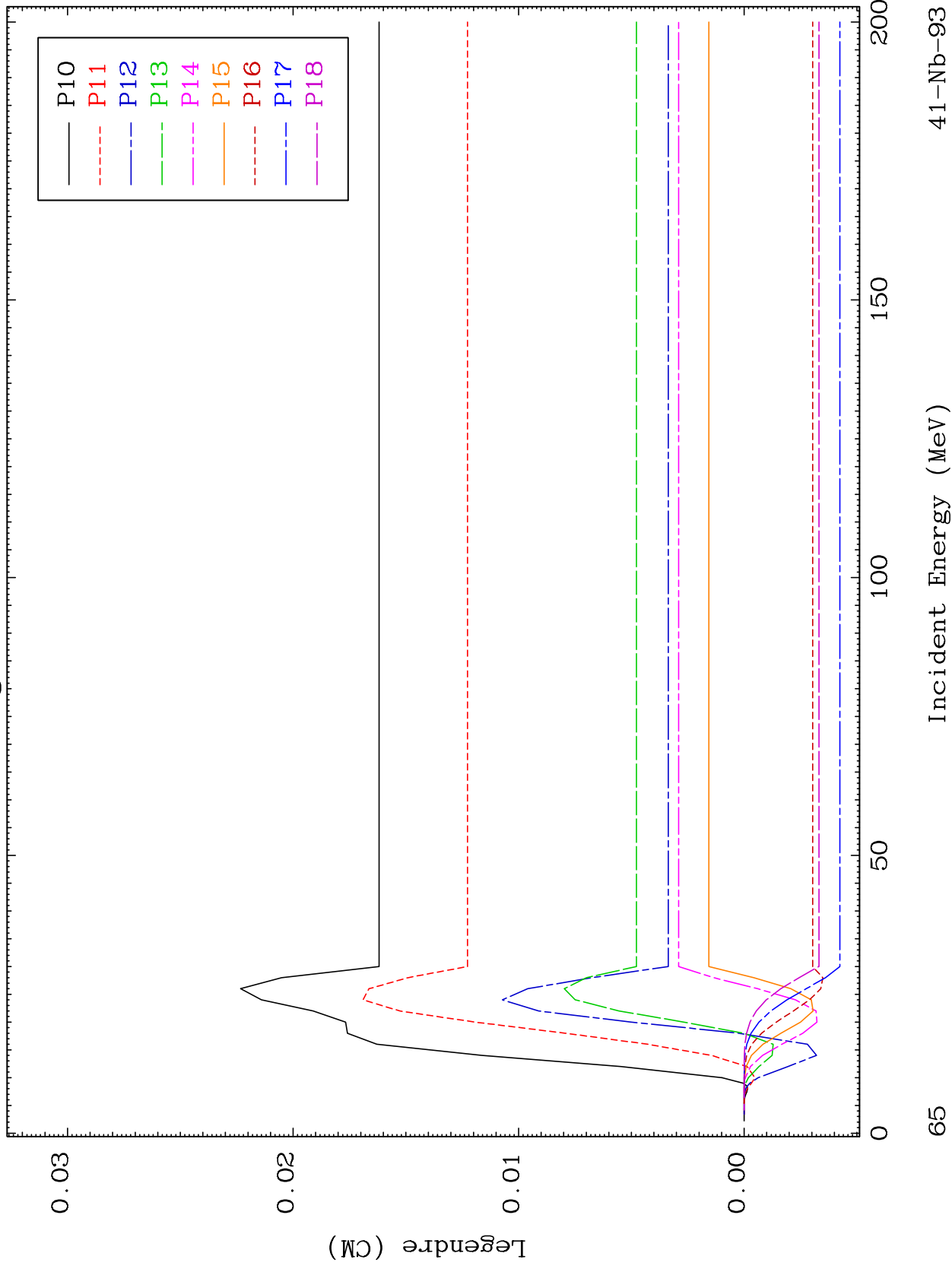
Incident Energy (MeV)

41-Nb-93

MAT 4125

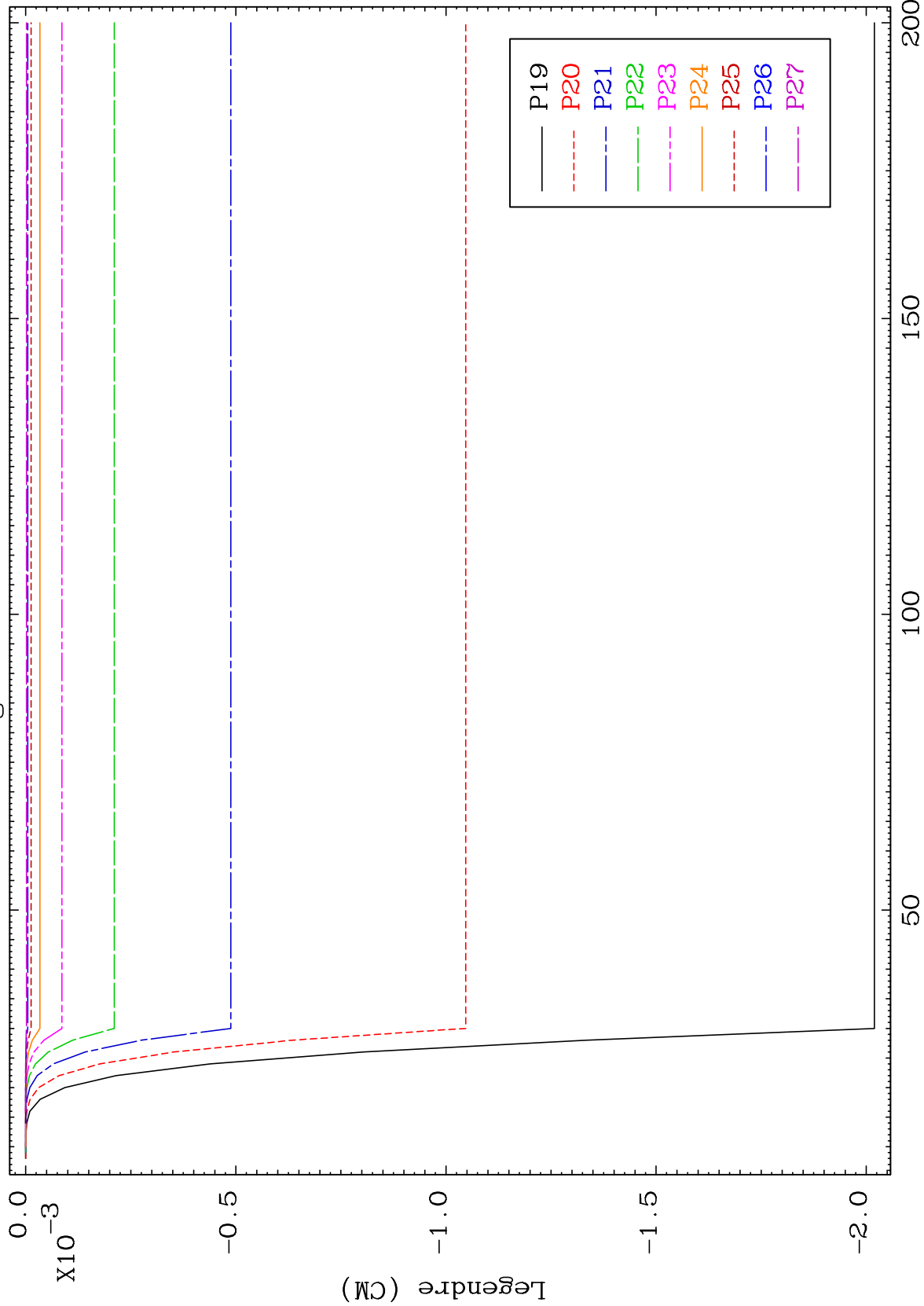
MT= 63 (n,n') Level
Legendre Coefficients

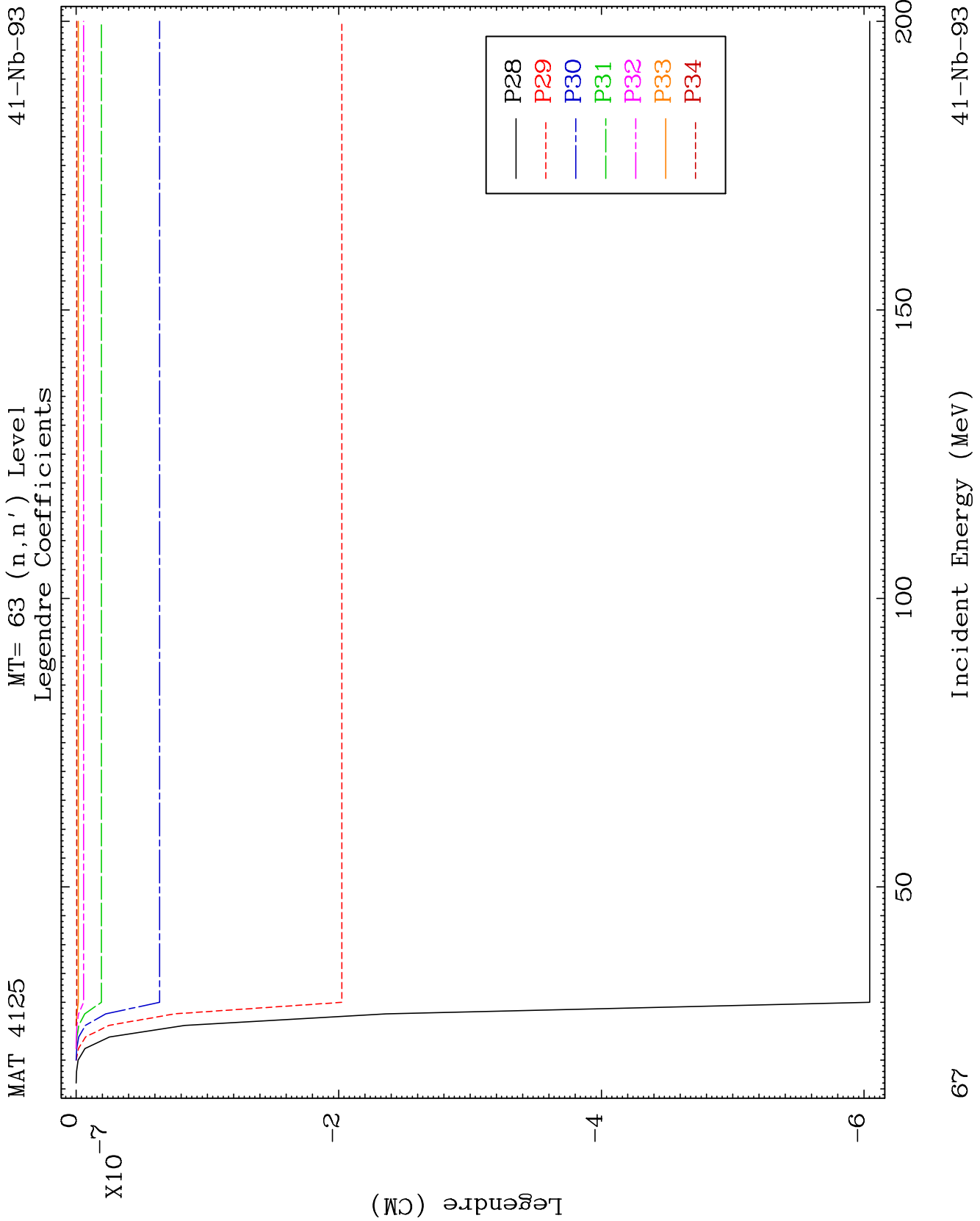
41-Nb-93



41-Nb-93

Legendre Coefficients

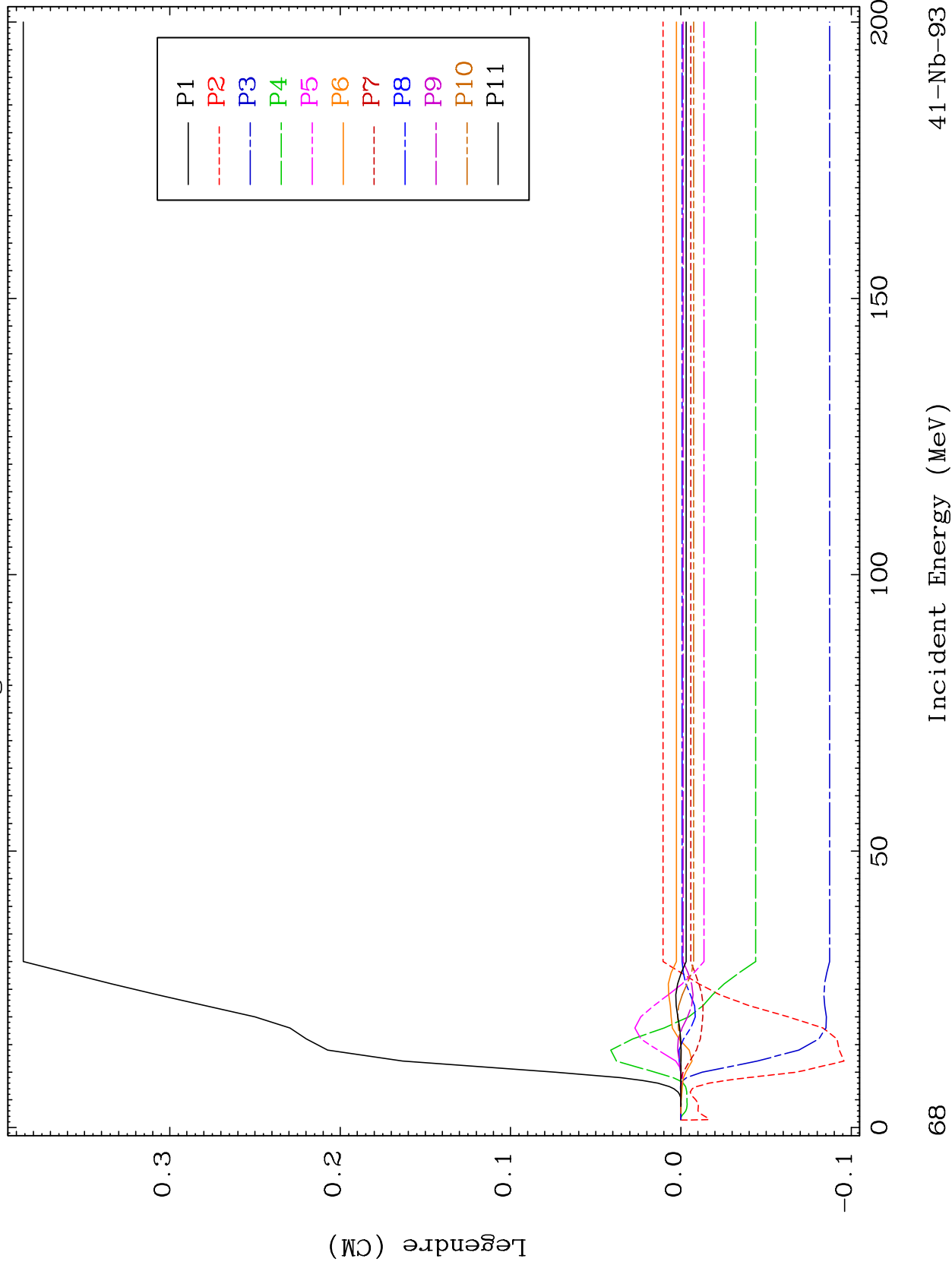




MAT 4125

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

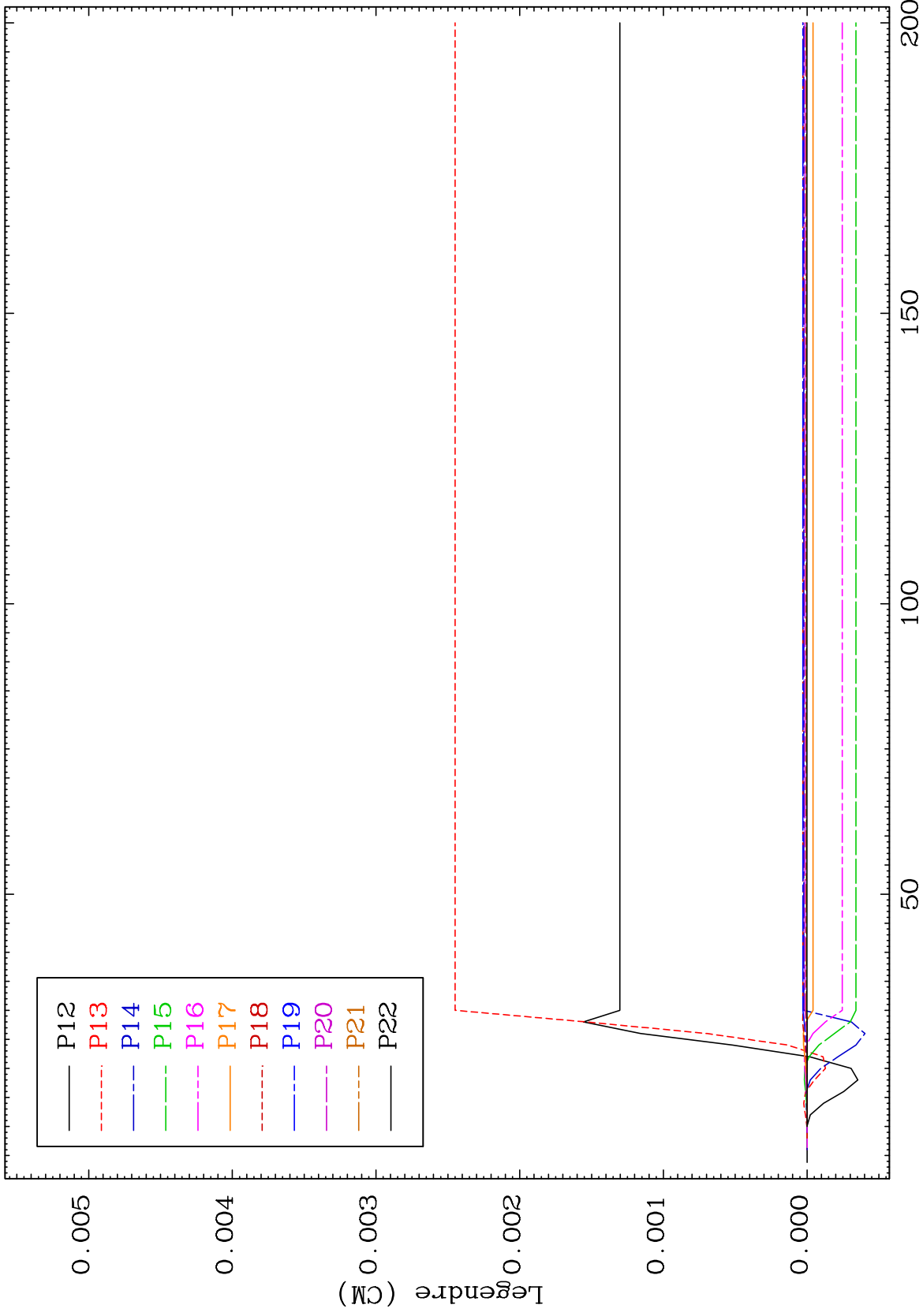
41-Nb-93



41-Nb-93

Incident Energy (MeV)

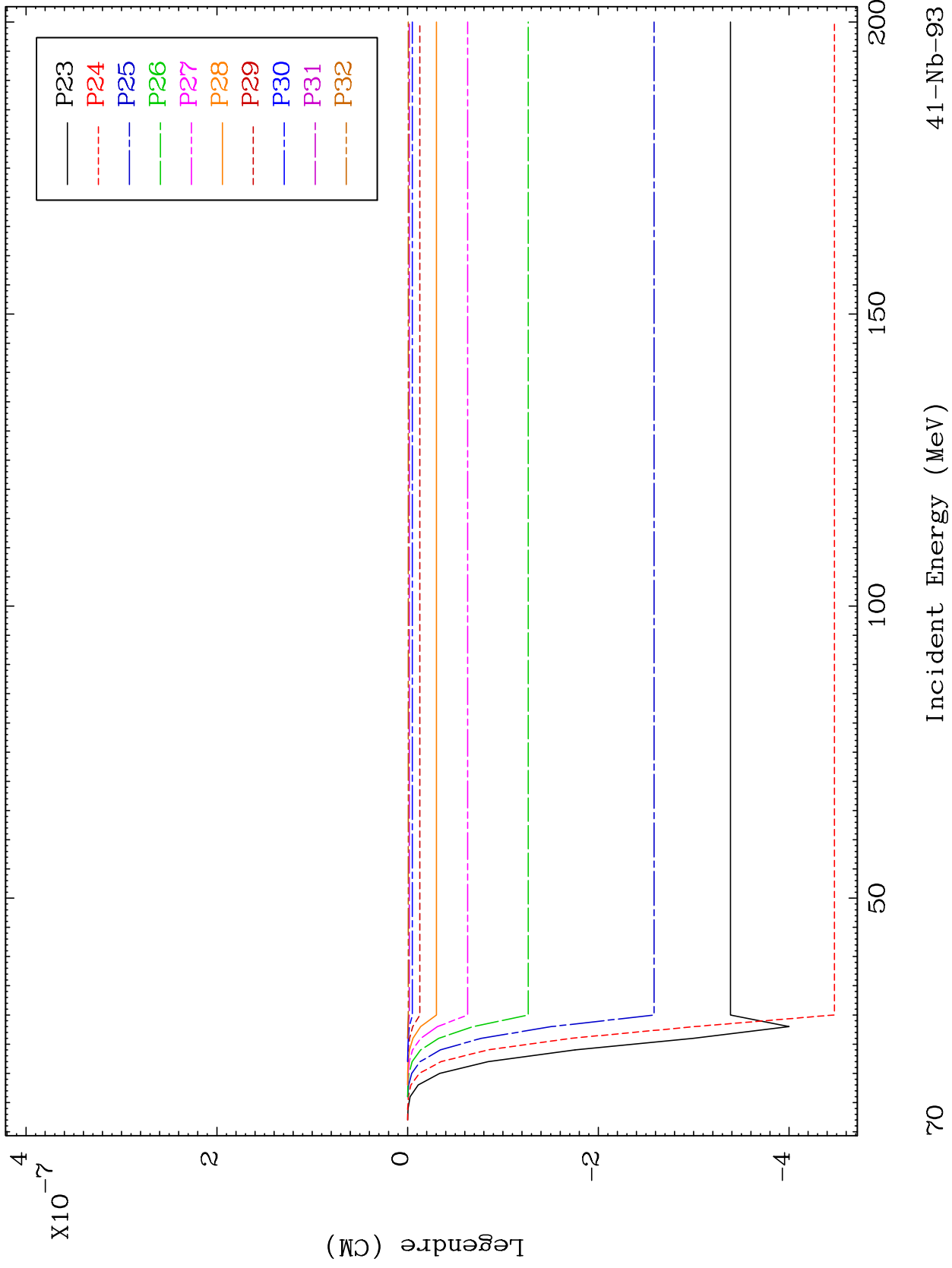
68



MAT 4125

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

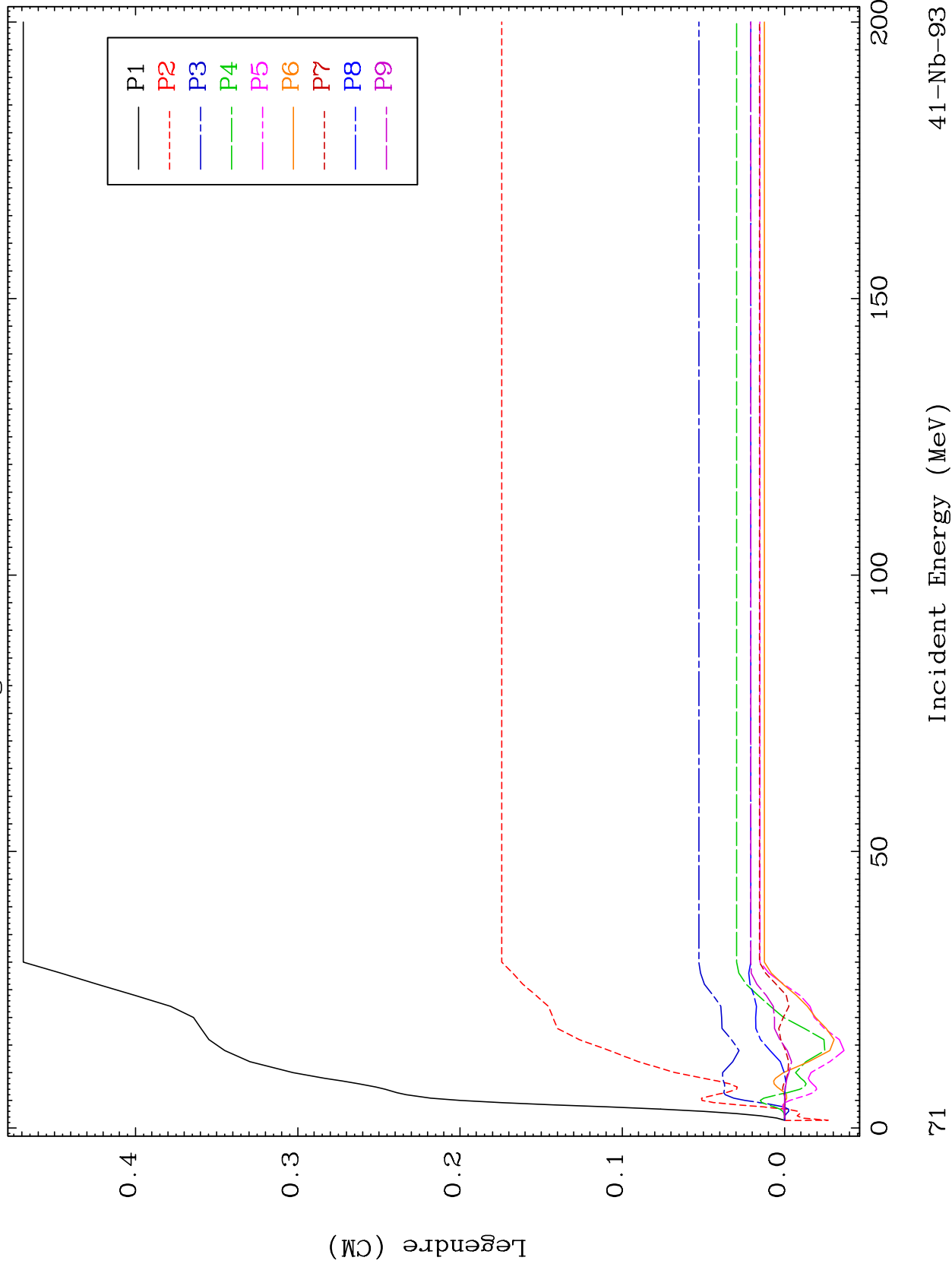
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

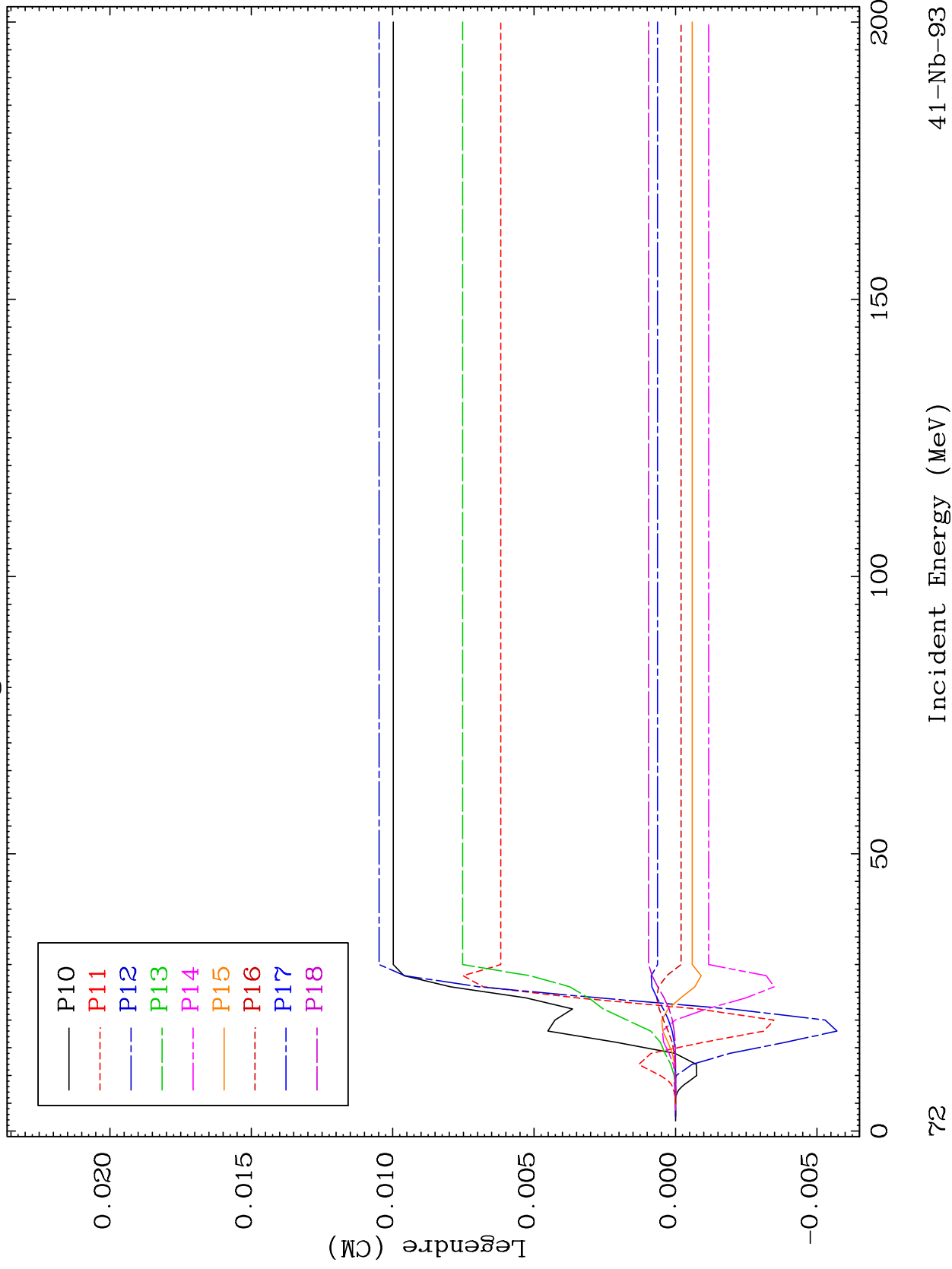
Incident Energy (MeV)

71

MAT 4125

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

41-Nb-93



72

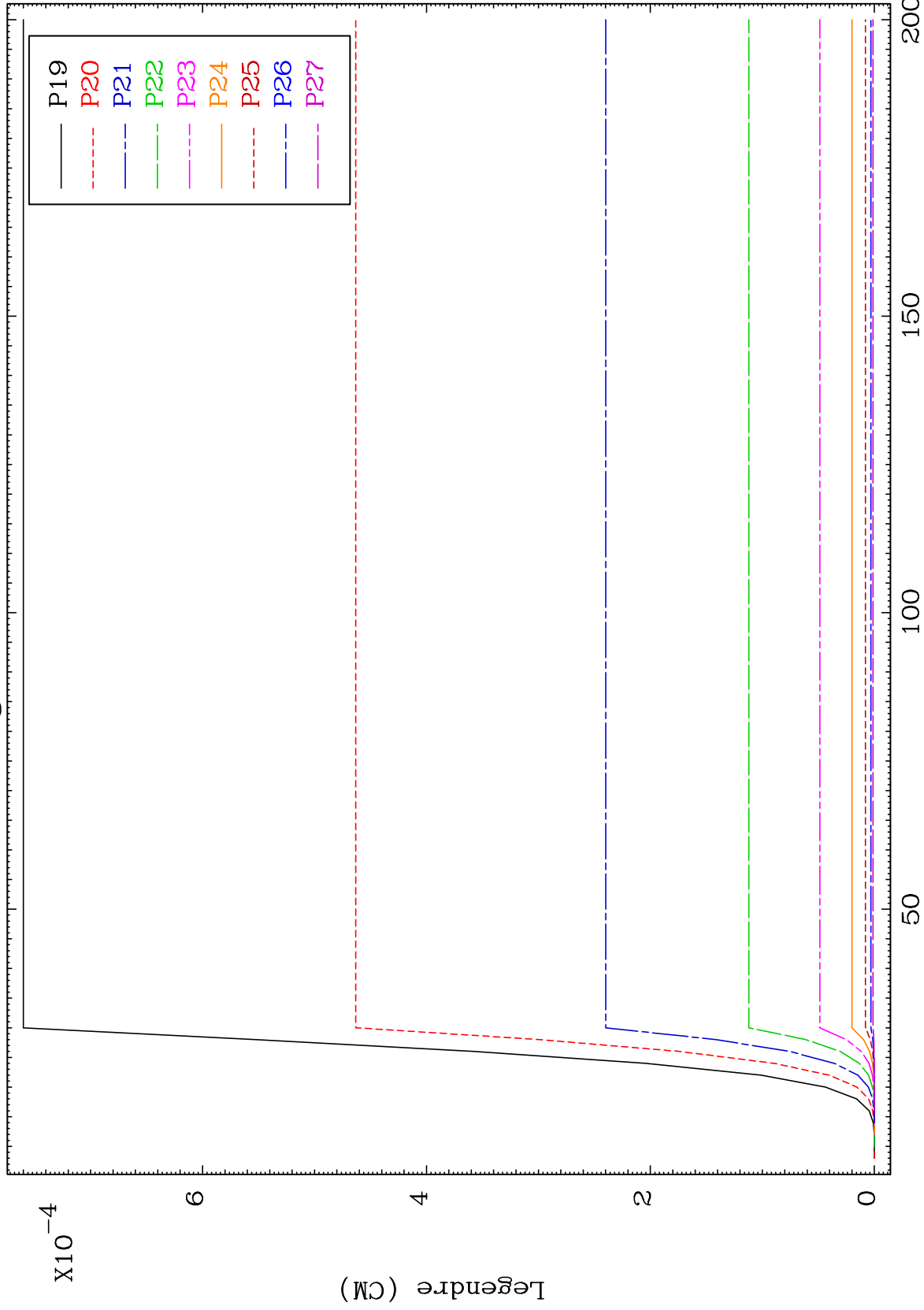
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



73

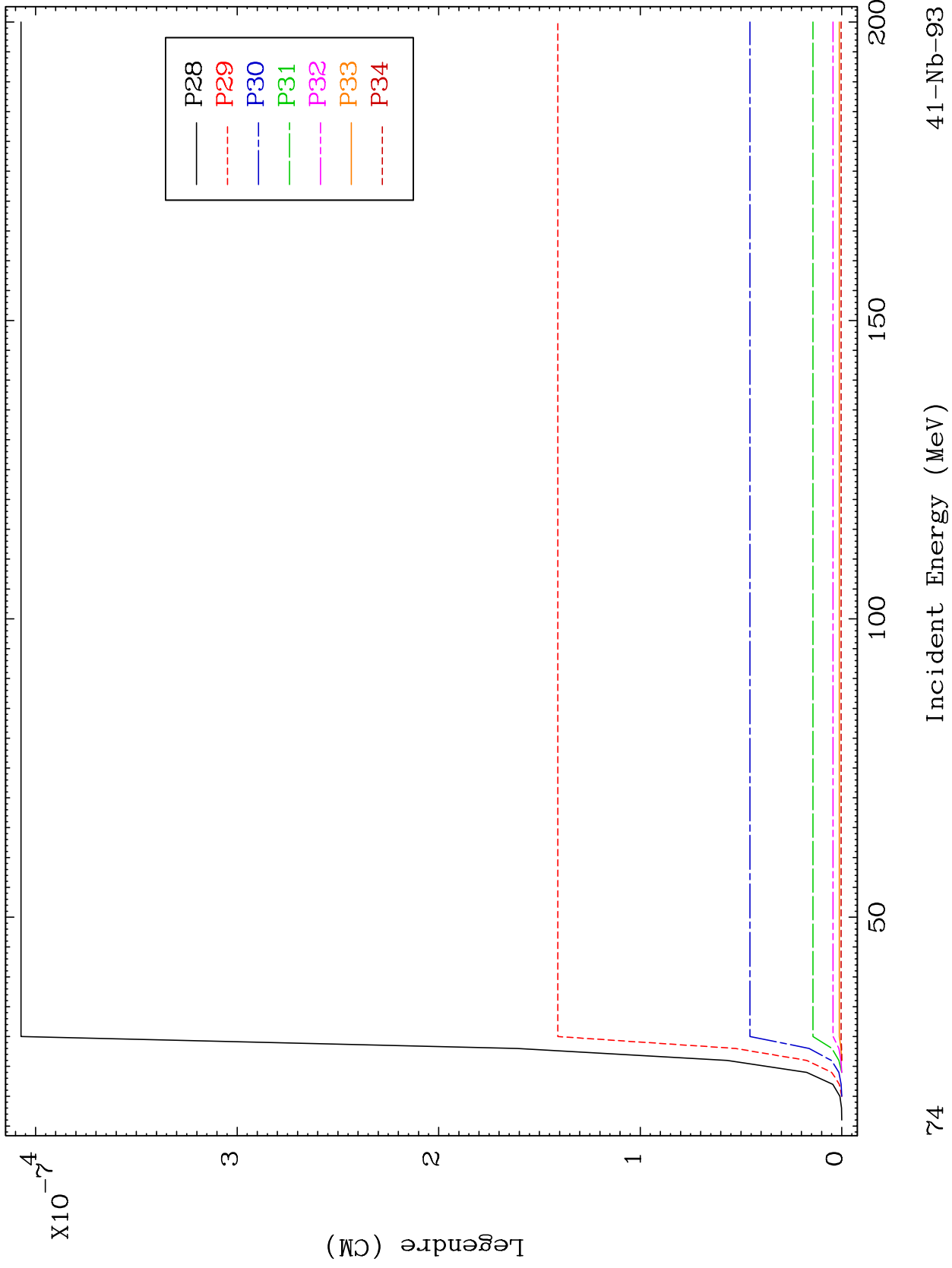
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

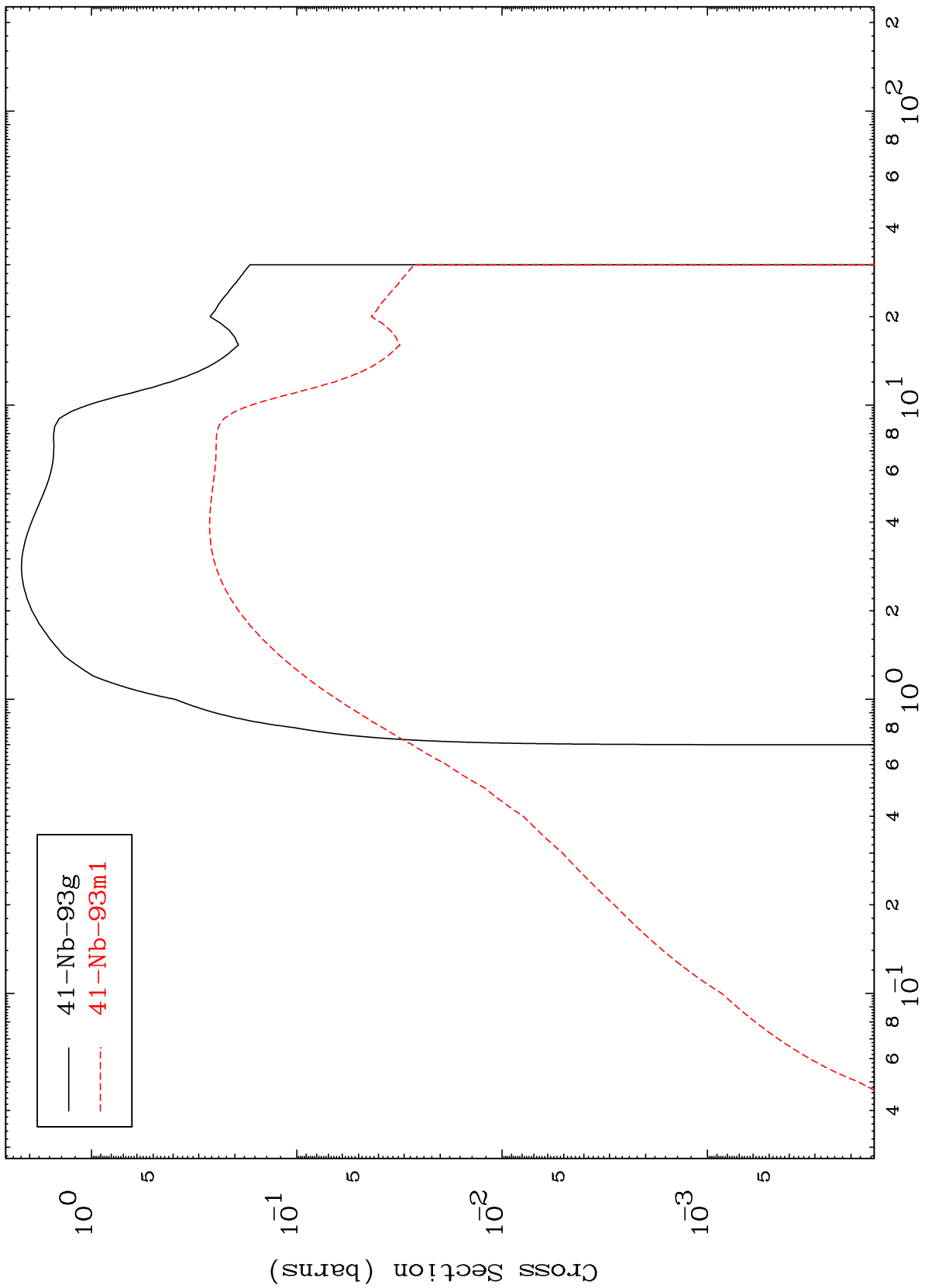
41-Nb-93



MAT 4125

41-Nb-93

Radionuclide Production Cross Section



75

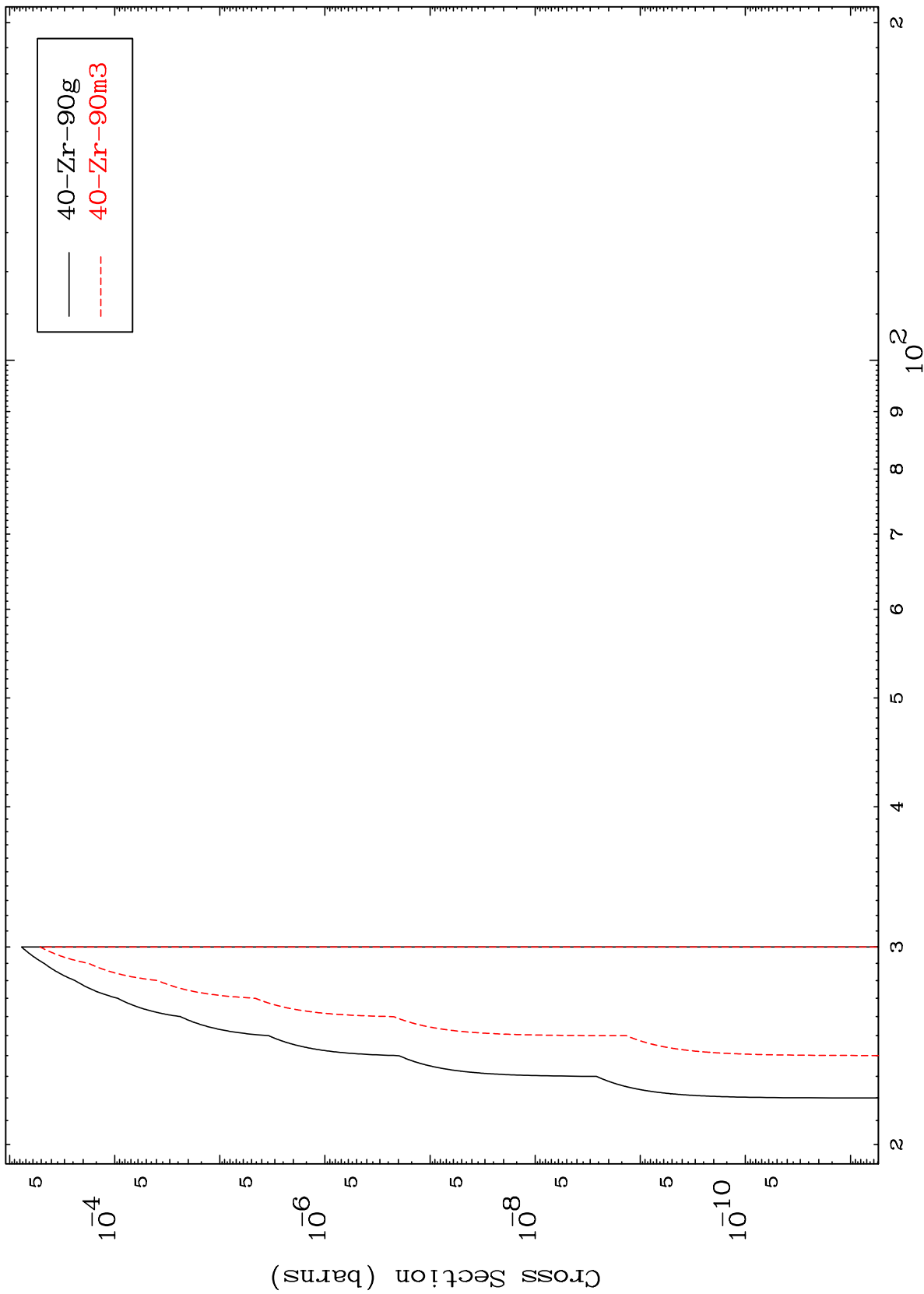
41-Nb-93

MAT 4125

(n,2n) d

41-Nb-93

Radionuclide Production Cross Section



76

Incident Energy (MeV)

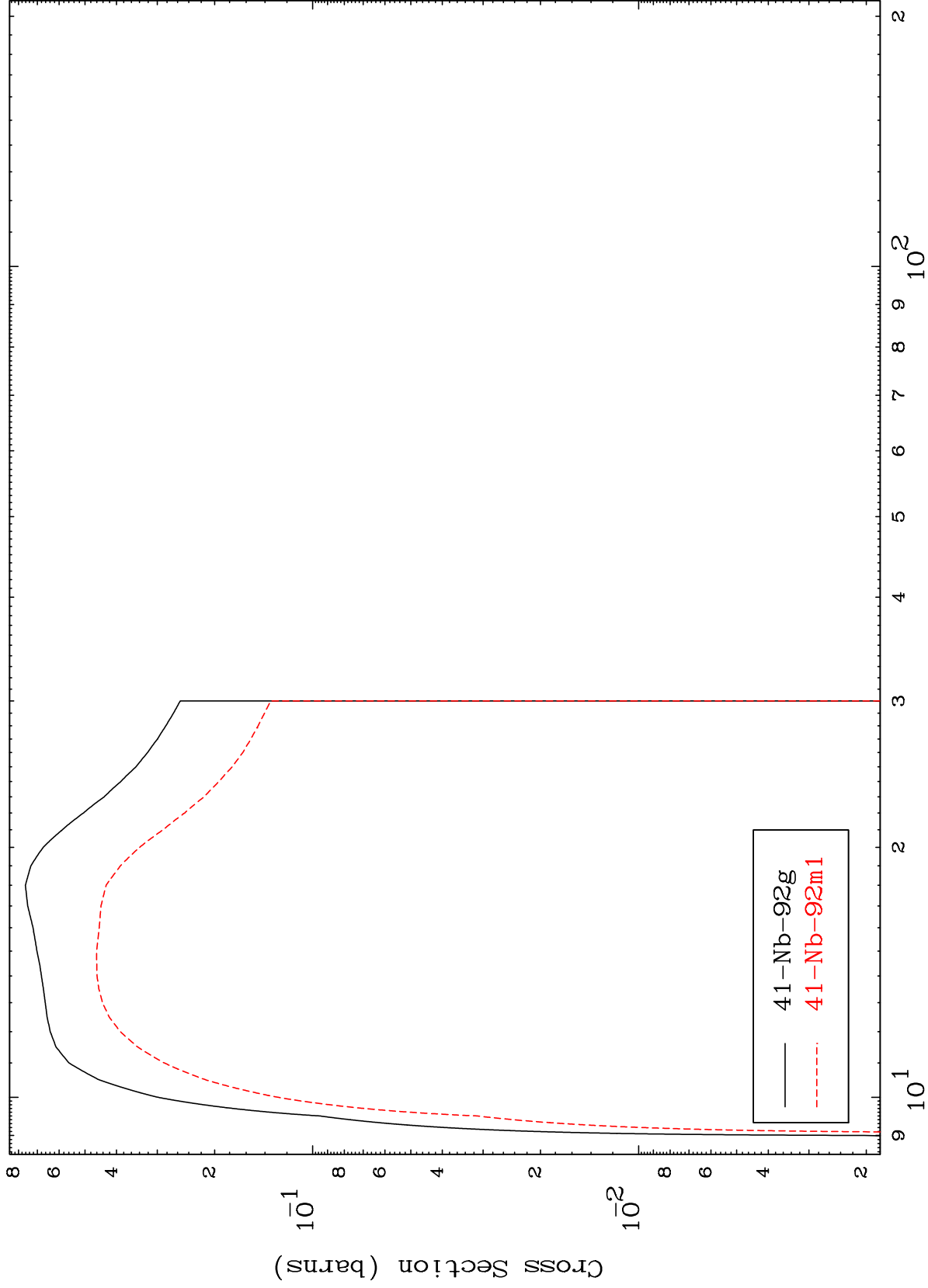
41-Nb-93

MAT 4125

(n,2n)

41-Nb-93

Radionuclide Production Cross Section



77

Incident Energy (MeV)

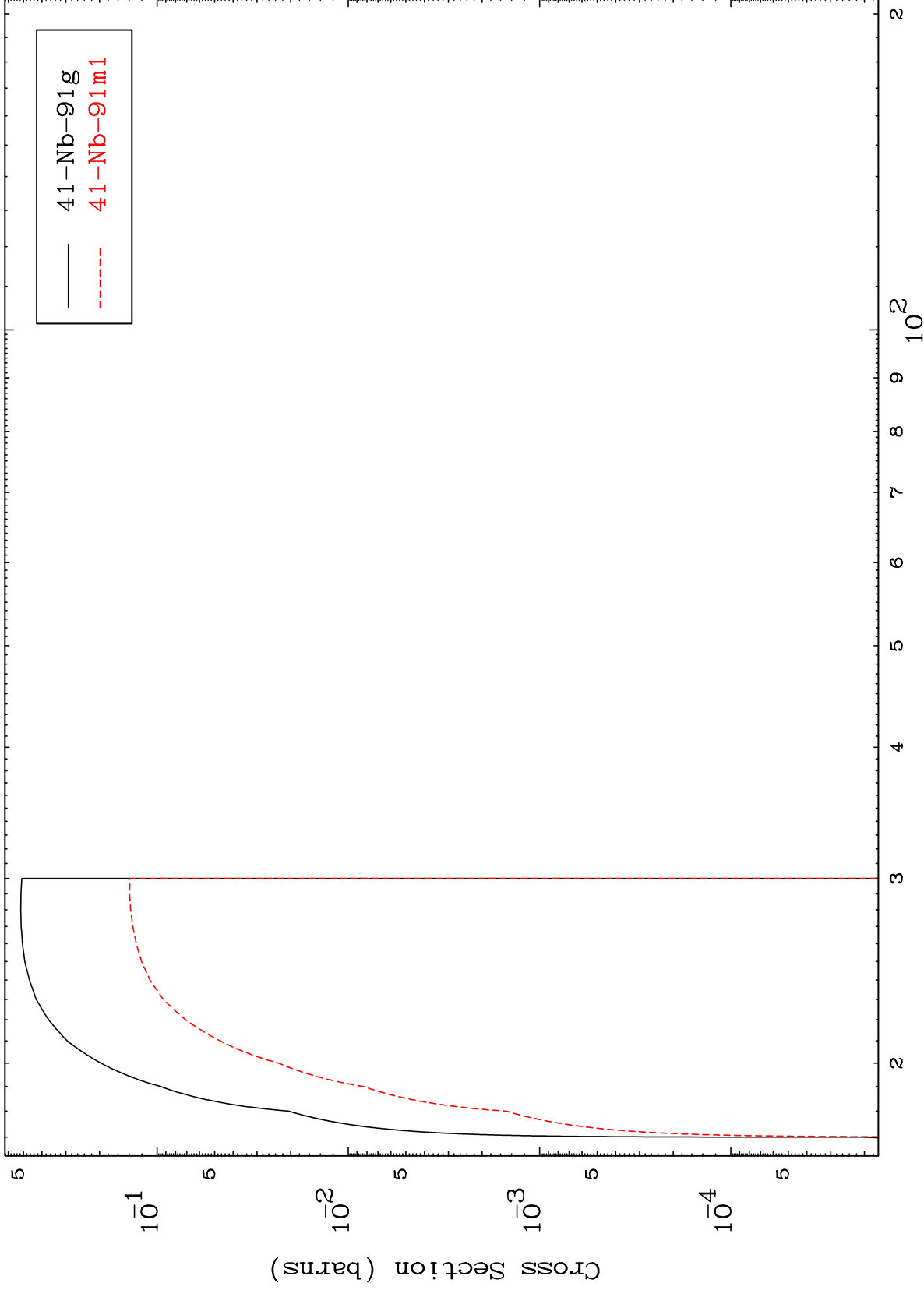
41-Nb-93

MAT 4125

(n,3n)

41-Nb-93

Radionuclide Production Cross Section



78

Incident Energy (MeV)

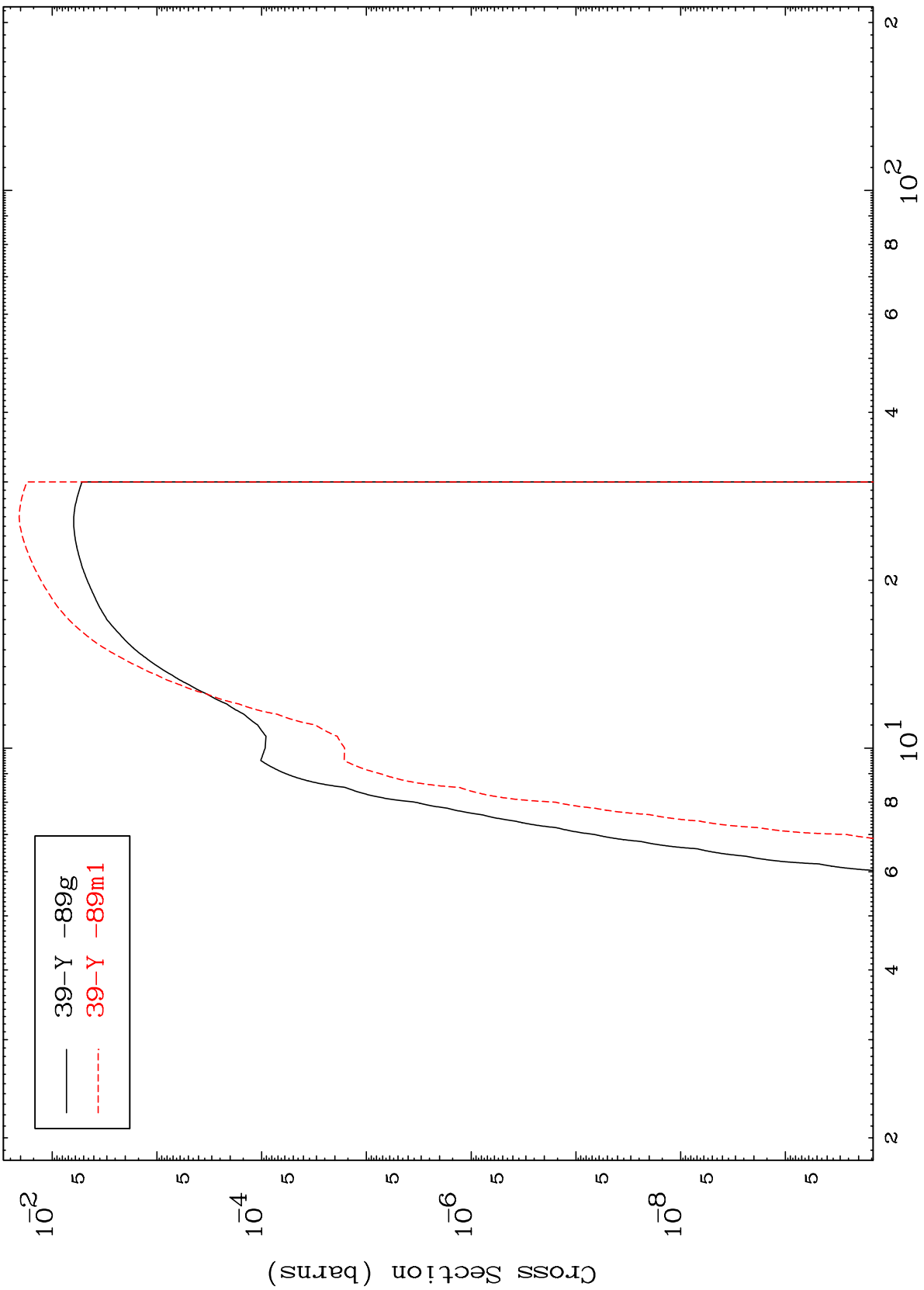
41-Nb-93

MAT 4125

$(n, n') \alpha$

41-Nb-93

Radionuclide Production Cross Section



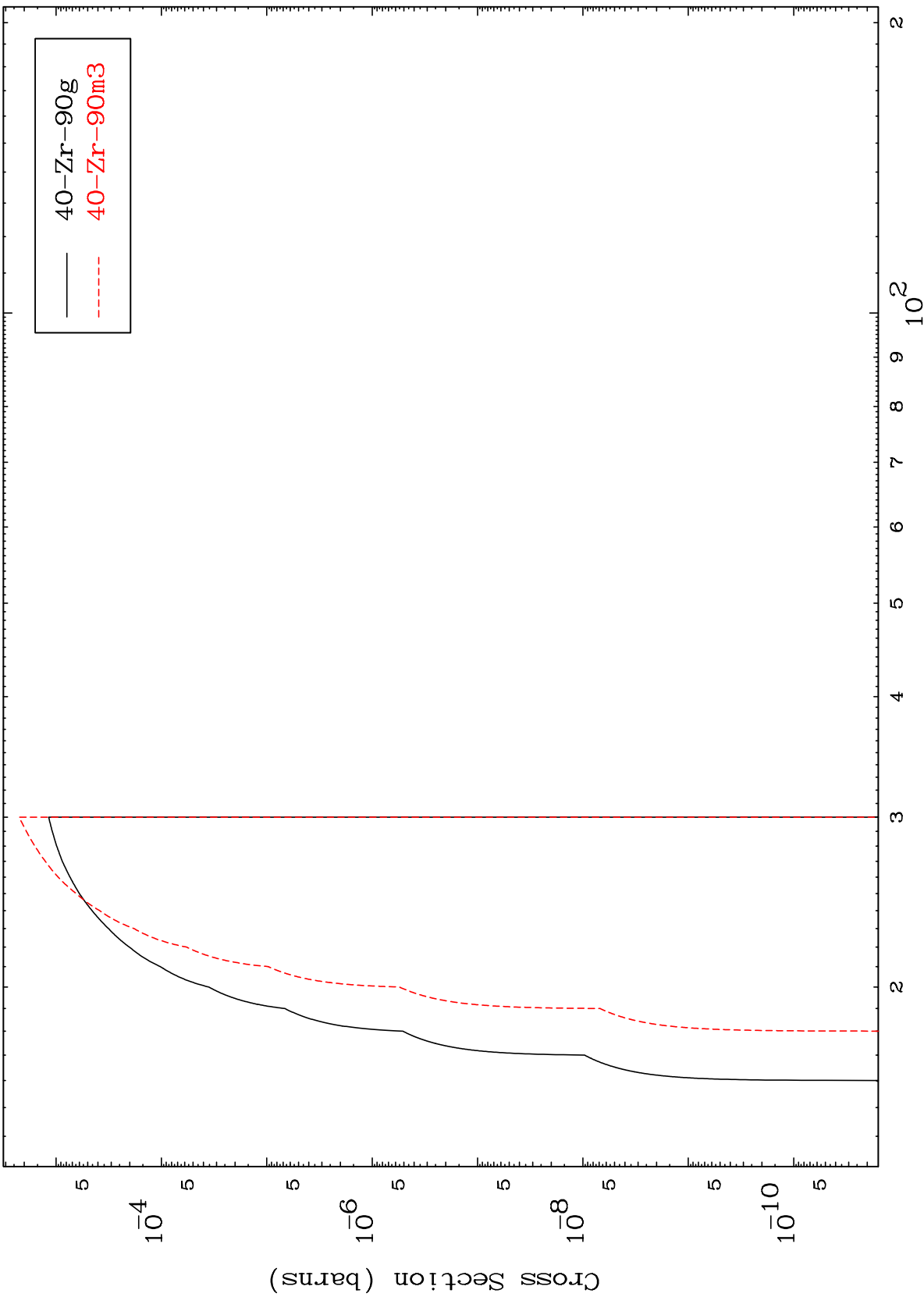
— 39-Y -89g
- - - 39-Y -89m1

79

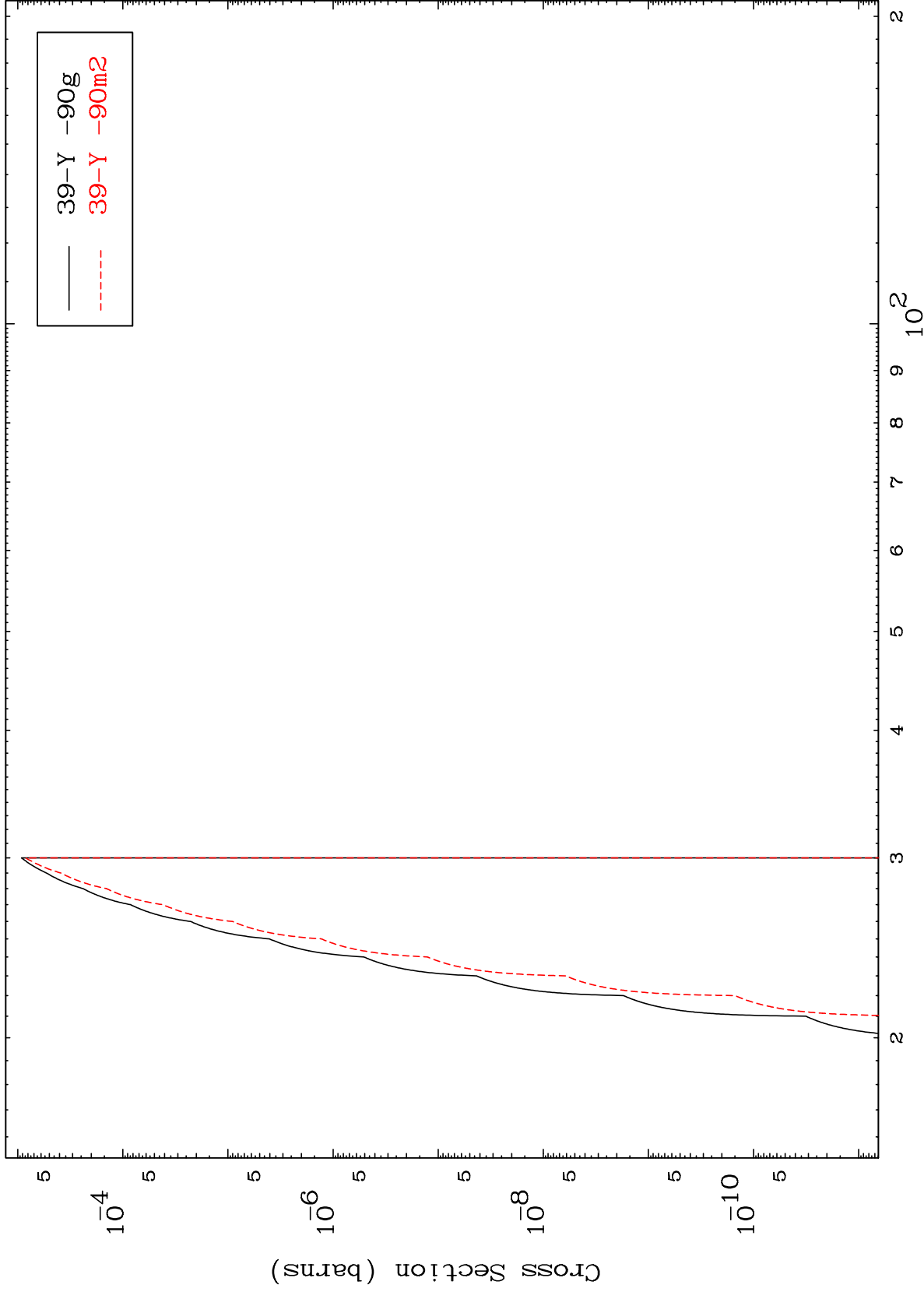
Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

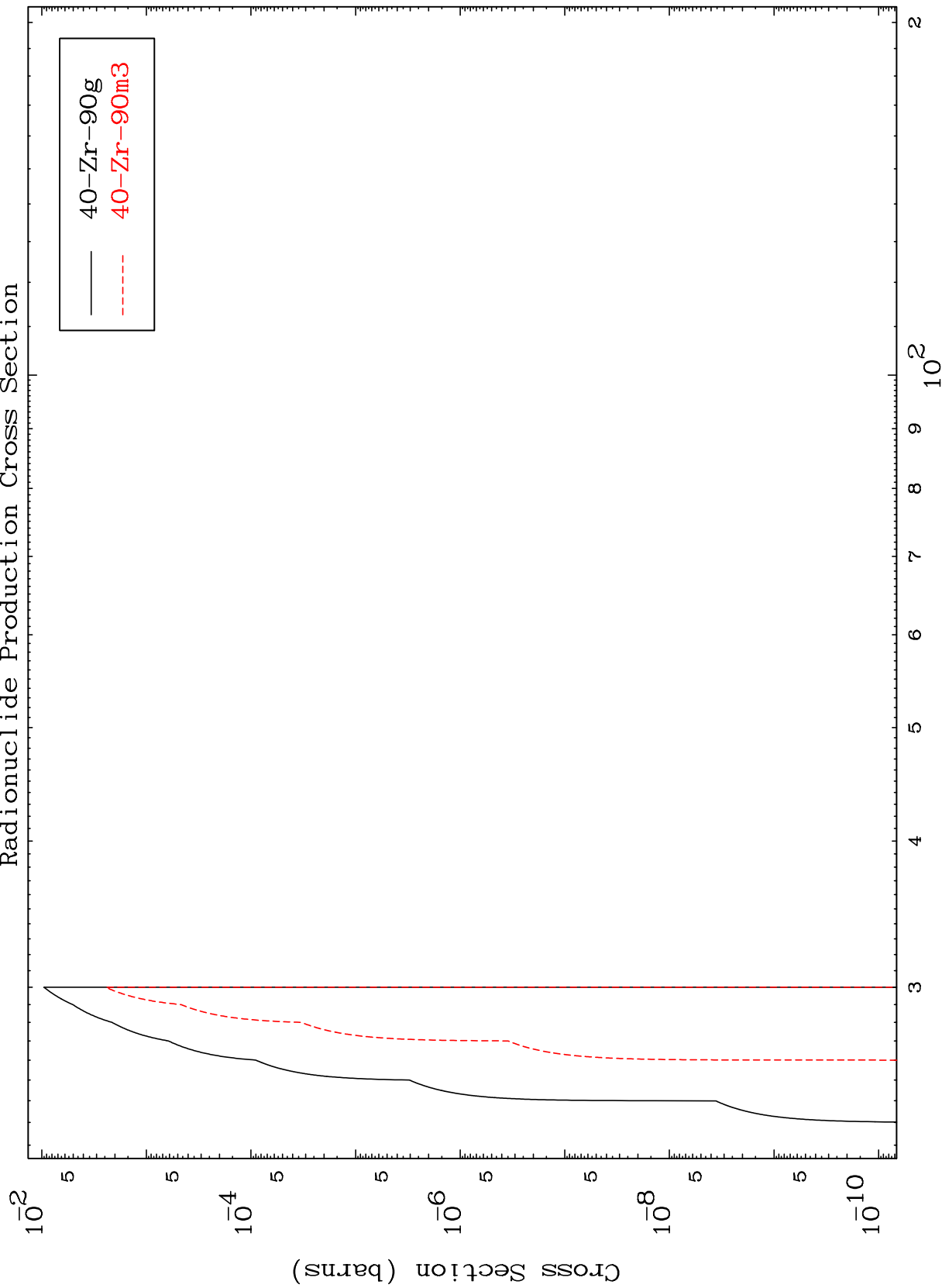


MAT 4125

(n,3n) p

41-Nb-93

Radionuclide Production Cross Section

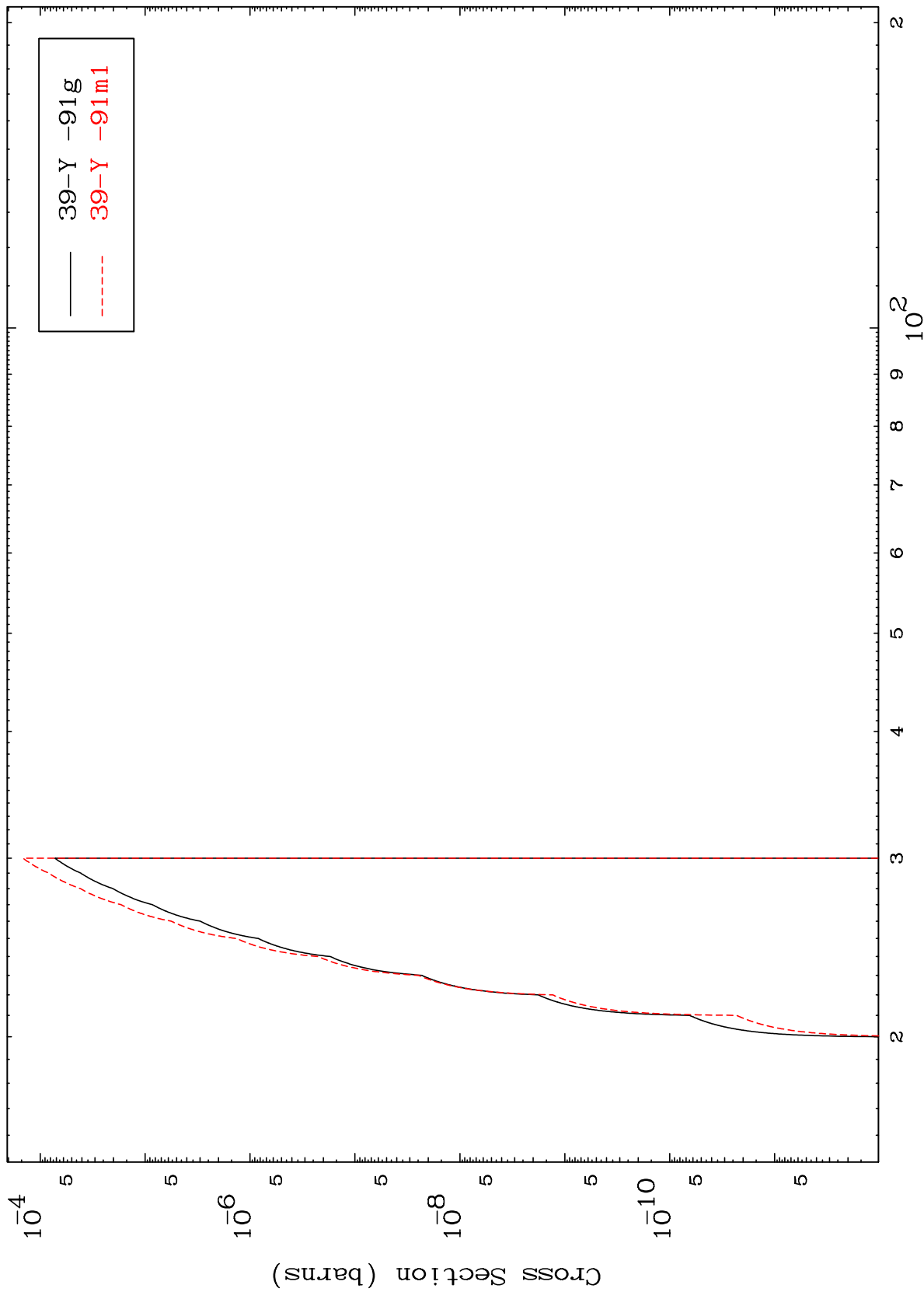


82

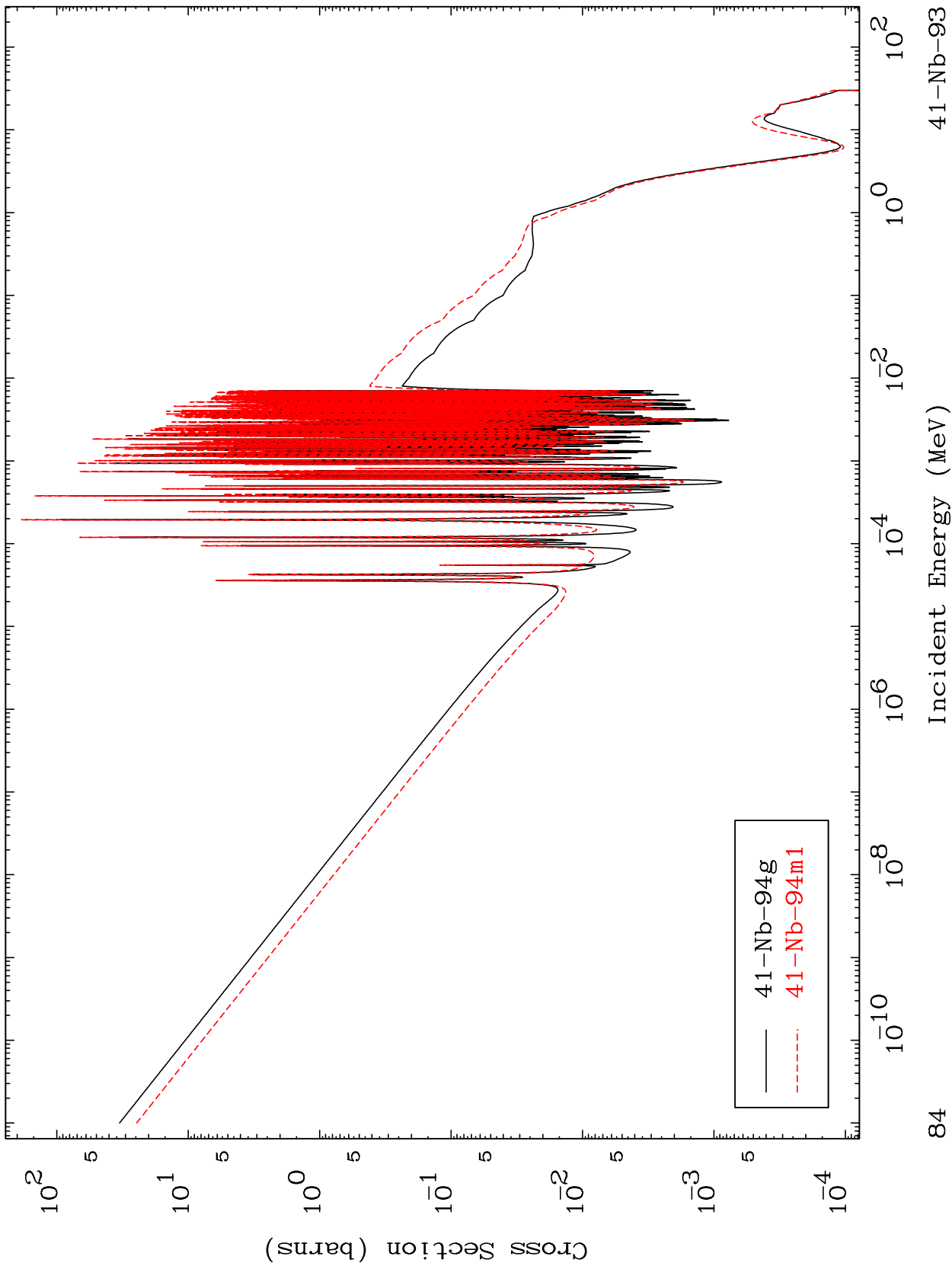
Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section



(n, γ)
Radionuclide Production Cross Section

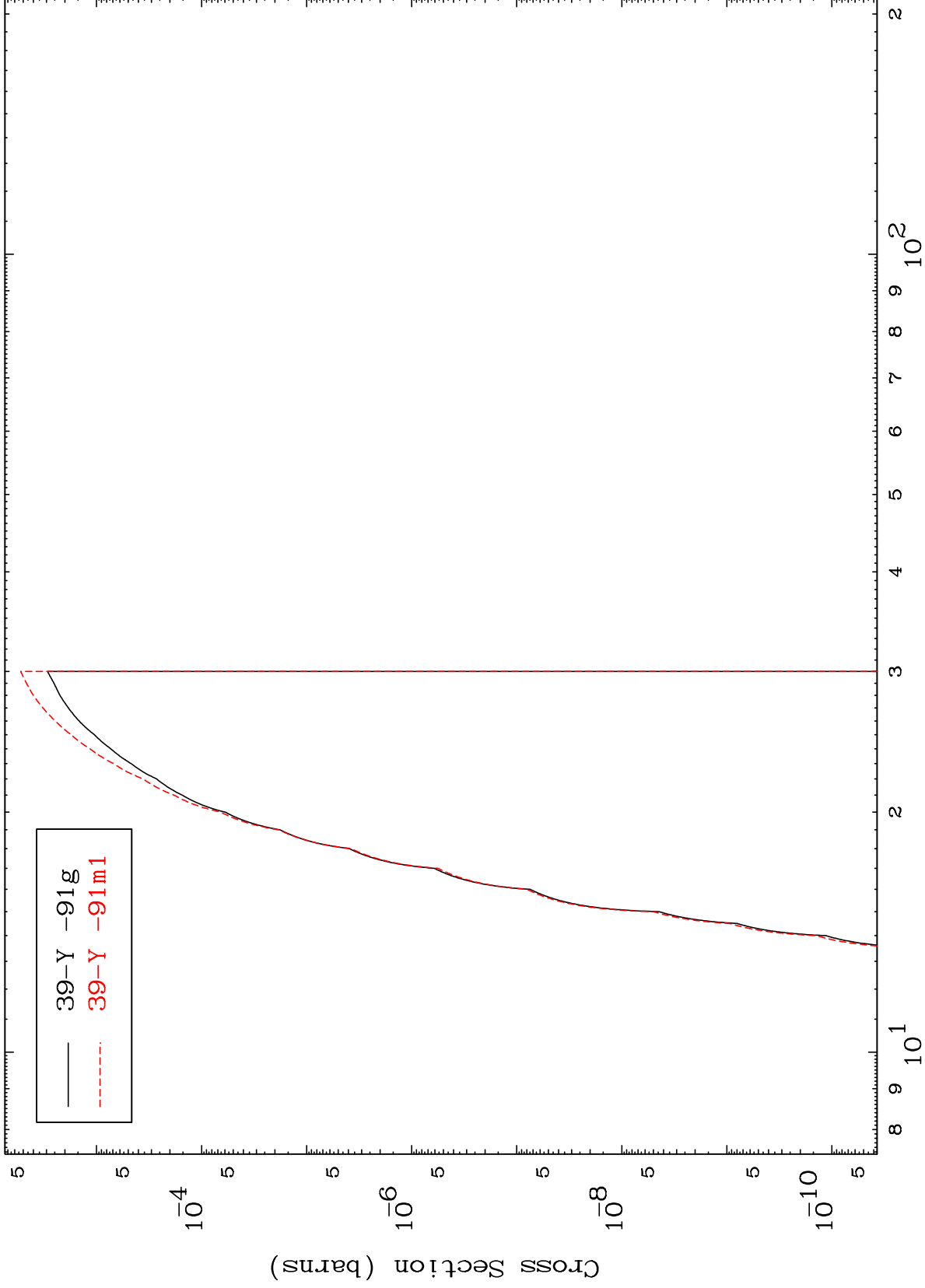


MAT 4125

(n,He-3)

41-Nb-93

Radionuclide Production Cross Section



85

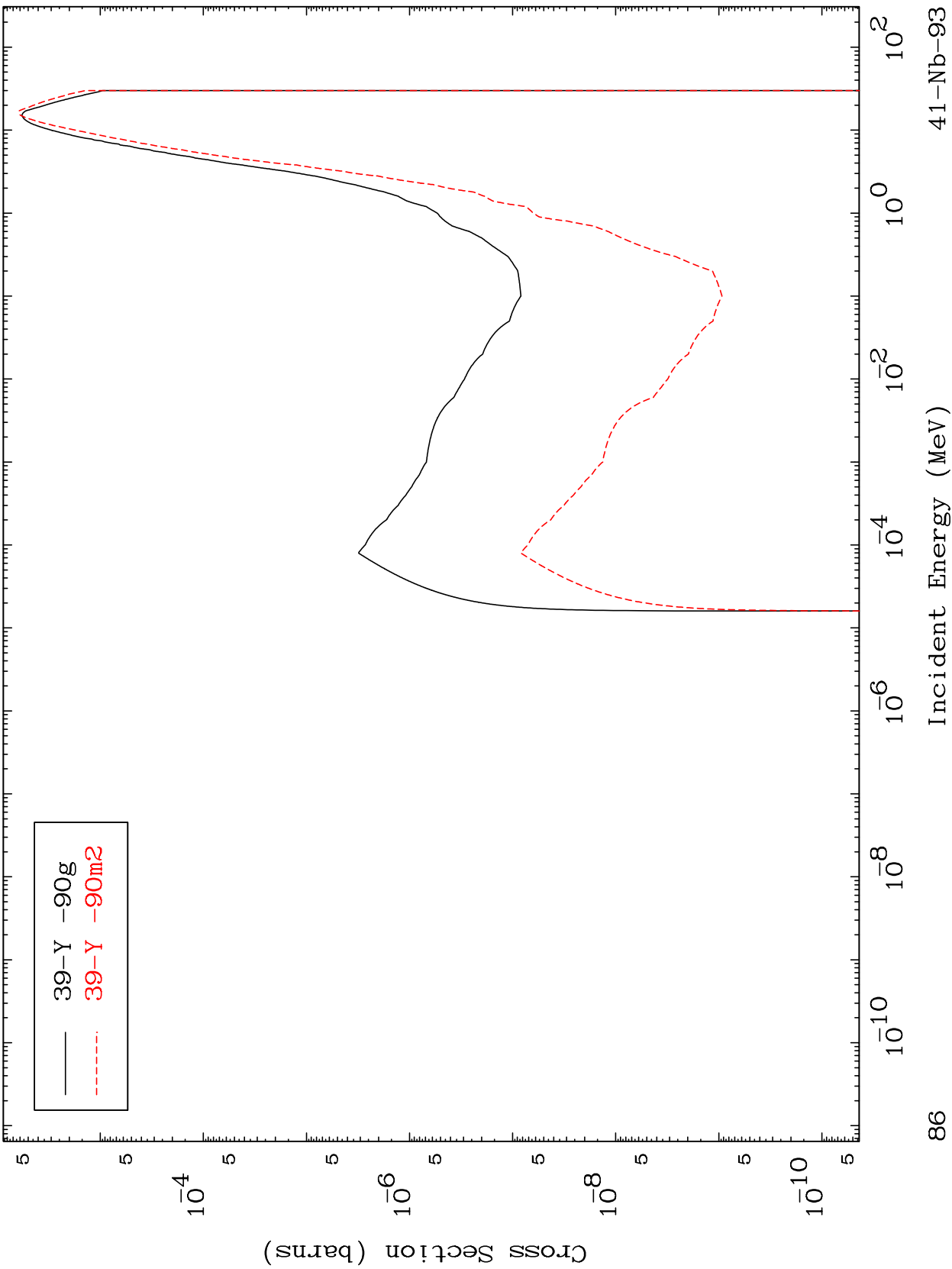
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

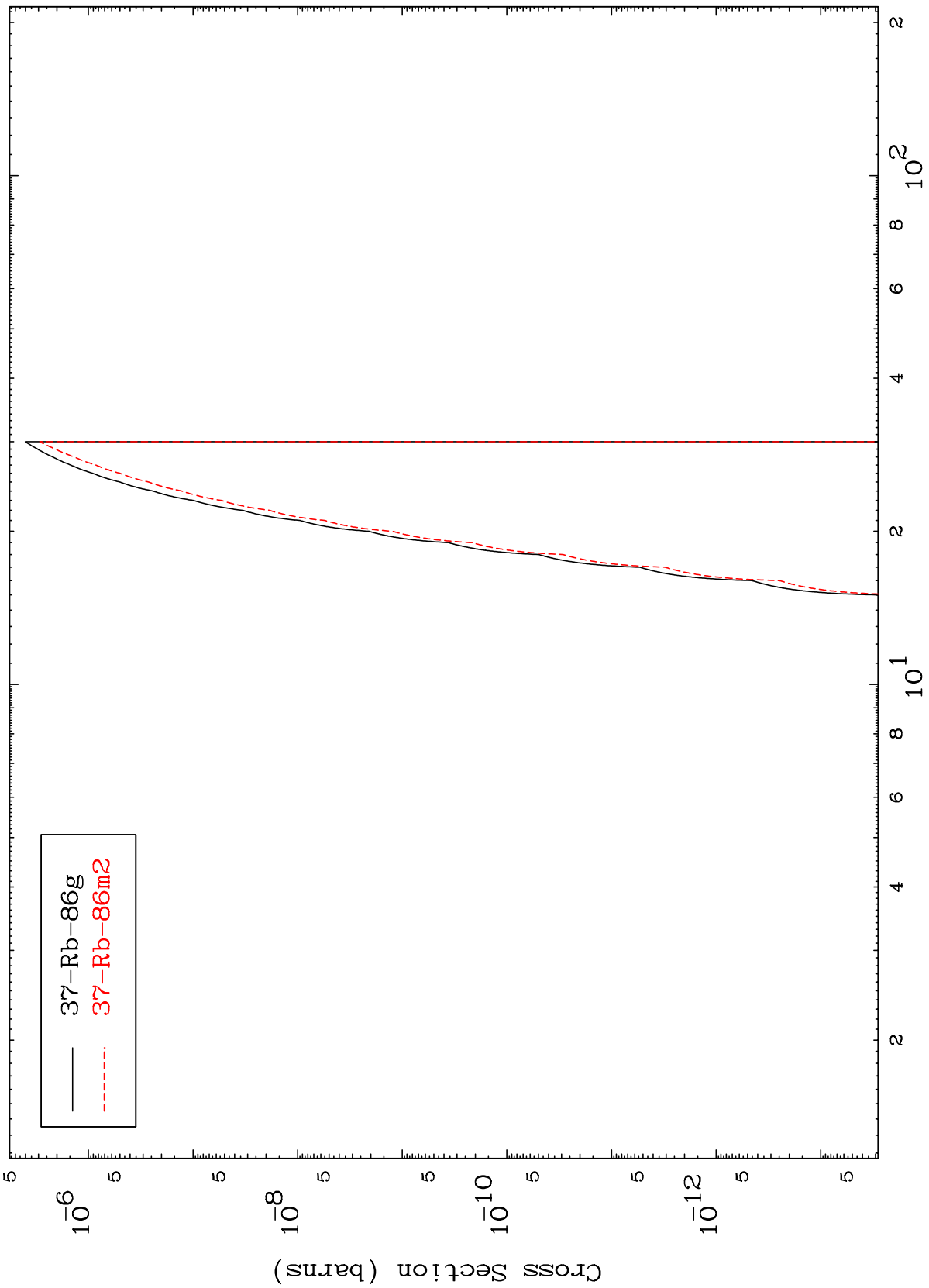
Radionuclide Production Cross Section (n,α)



MAT 4125

41-Nb-93

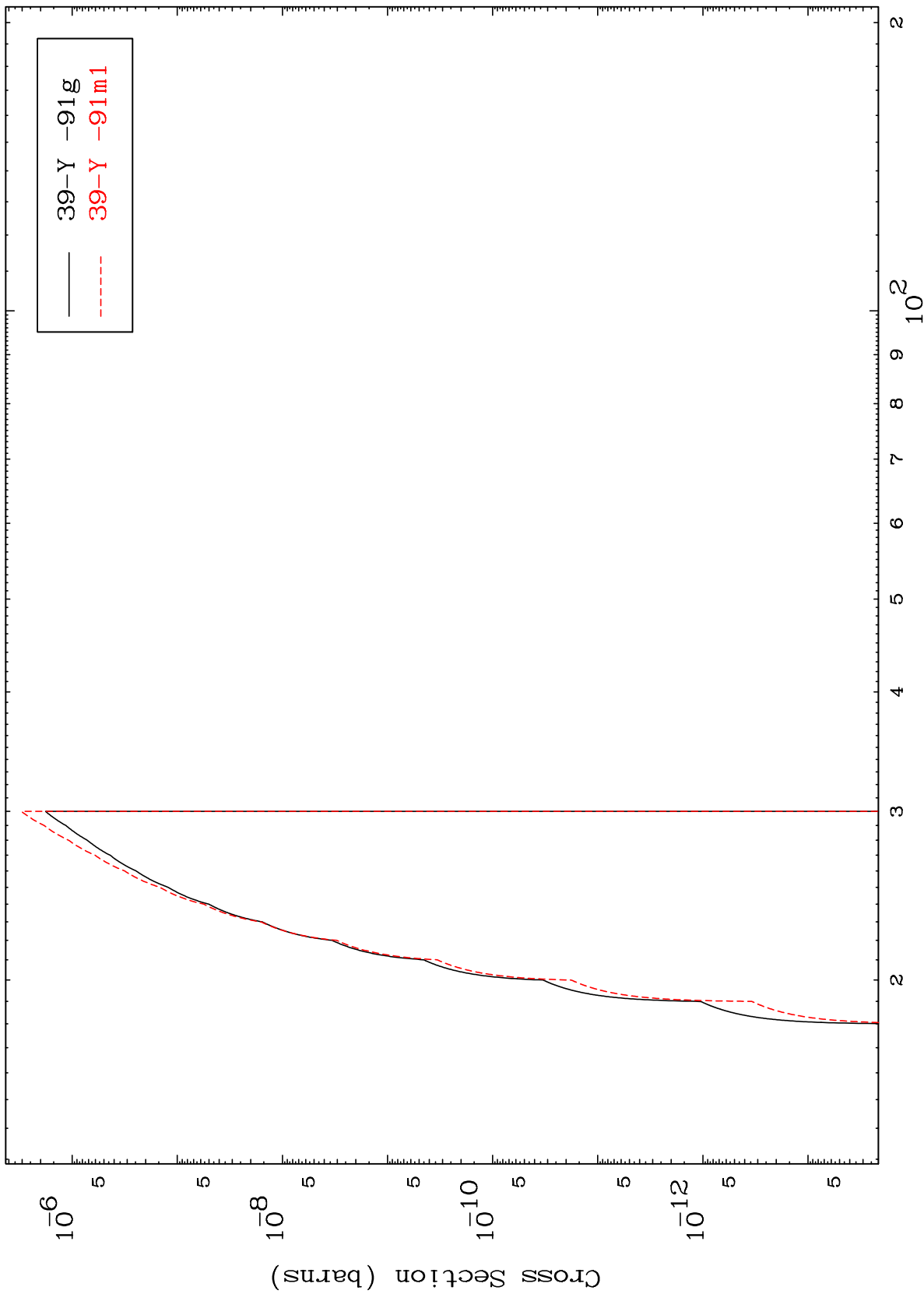
(n,2α)
Radionuclide Production Cross Section



87

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

