

Program EVALPLOT
(Version 2021-1)

by

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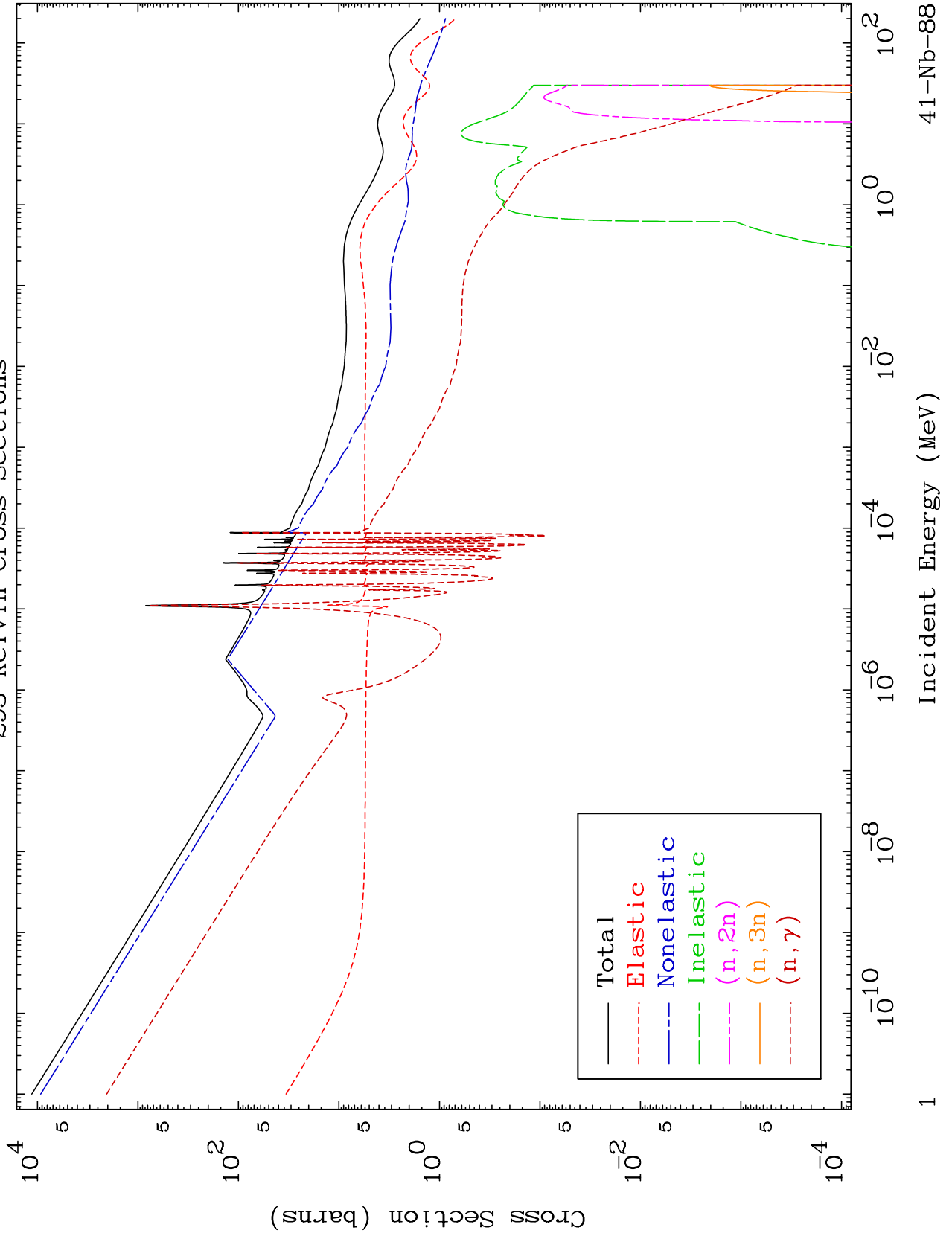
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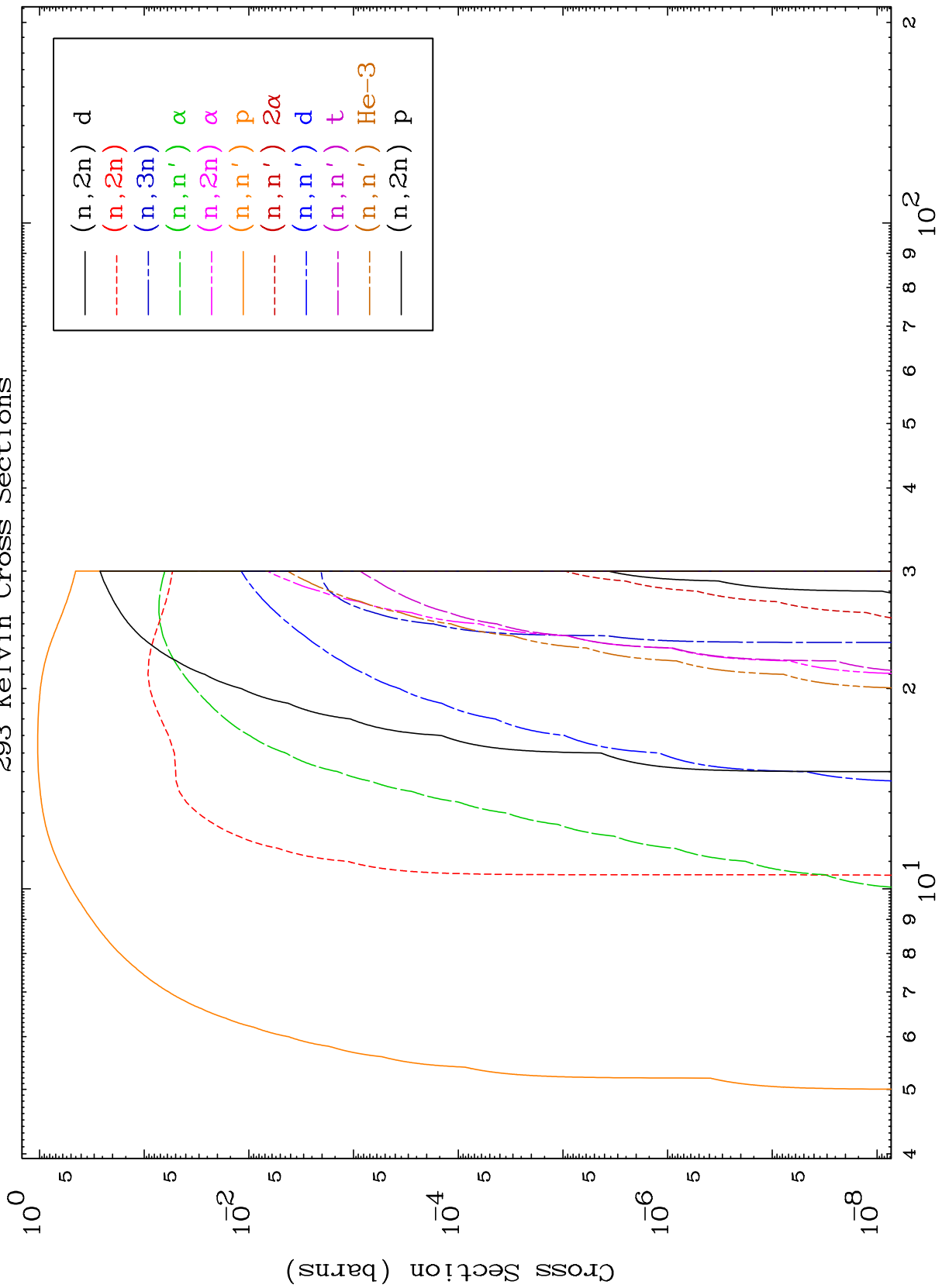
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MAT 4110

Neutron Major
293 Kelvin Cross Sections

41-Nb-88

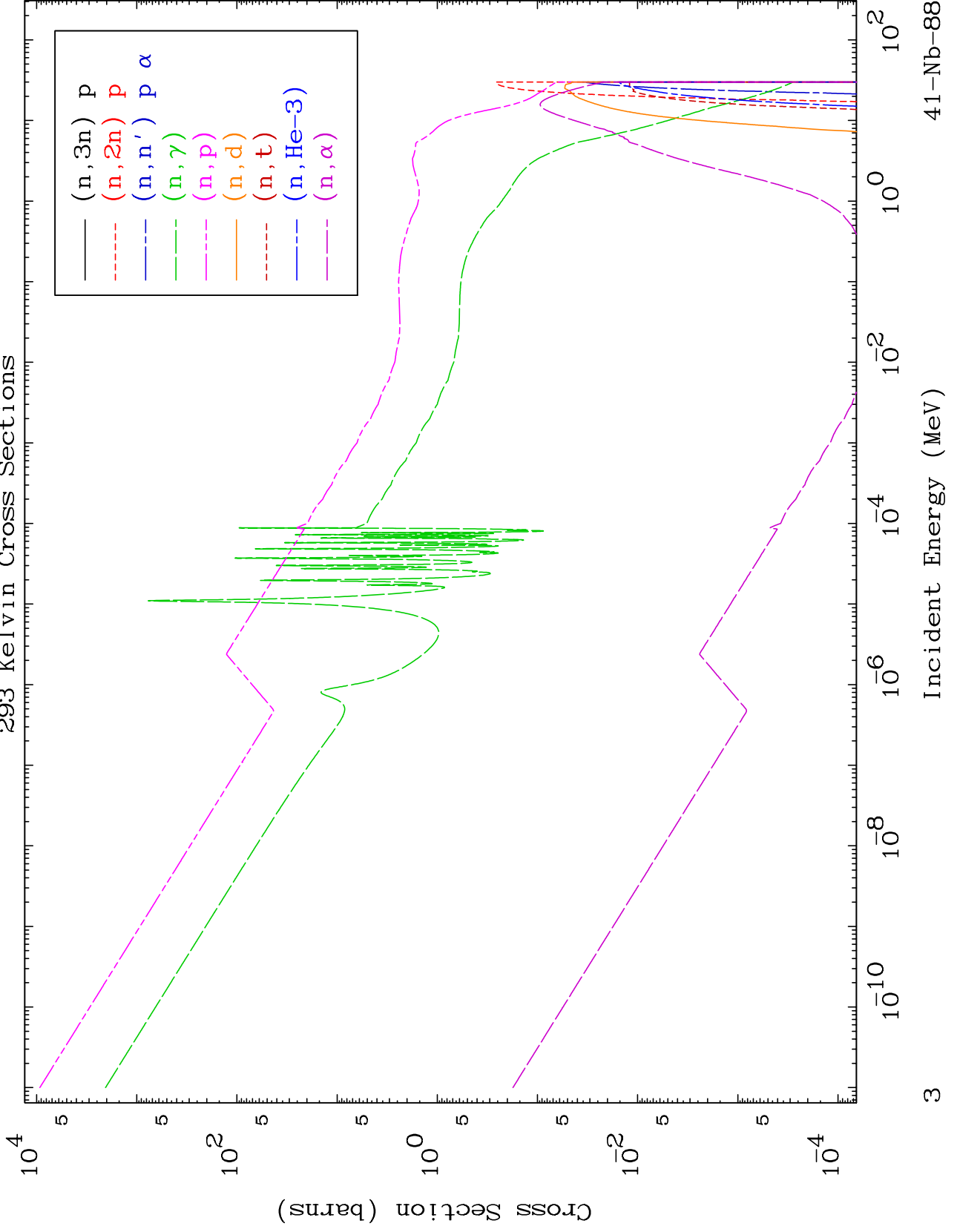


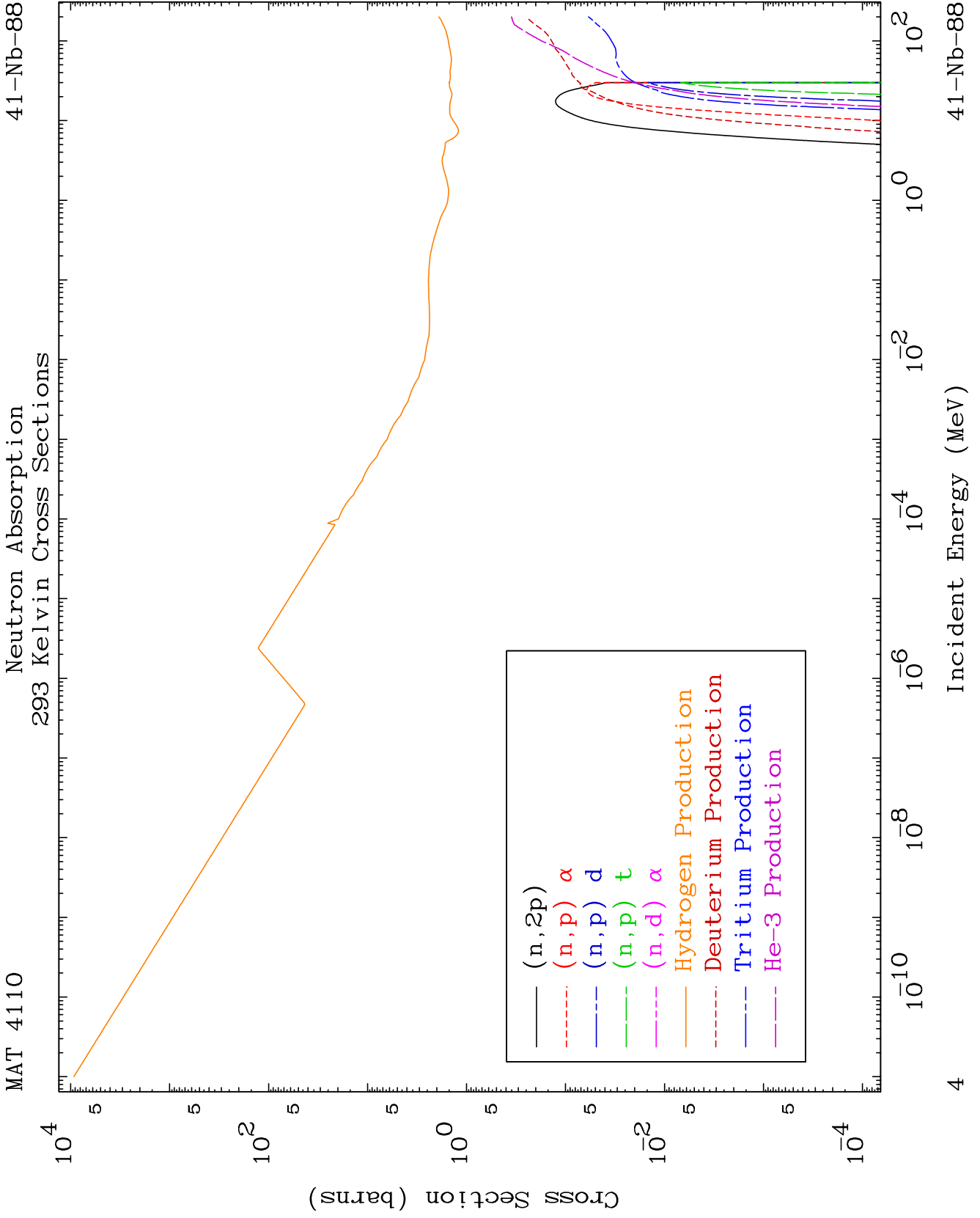


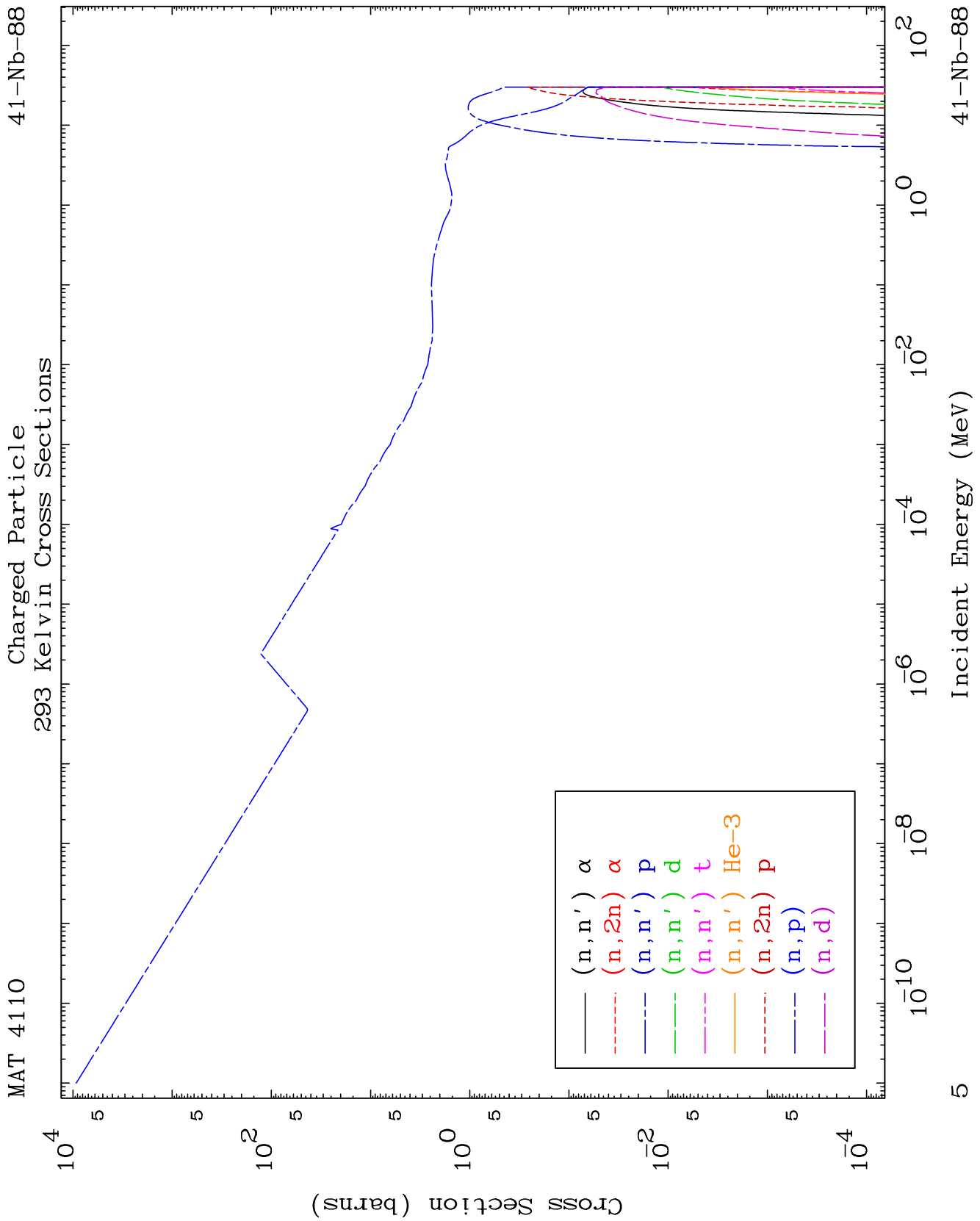
MAT 4110

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-88



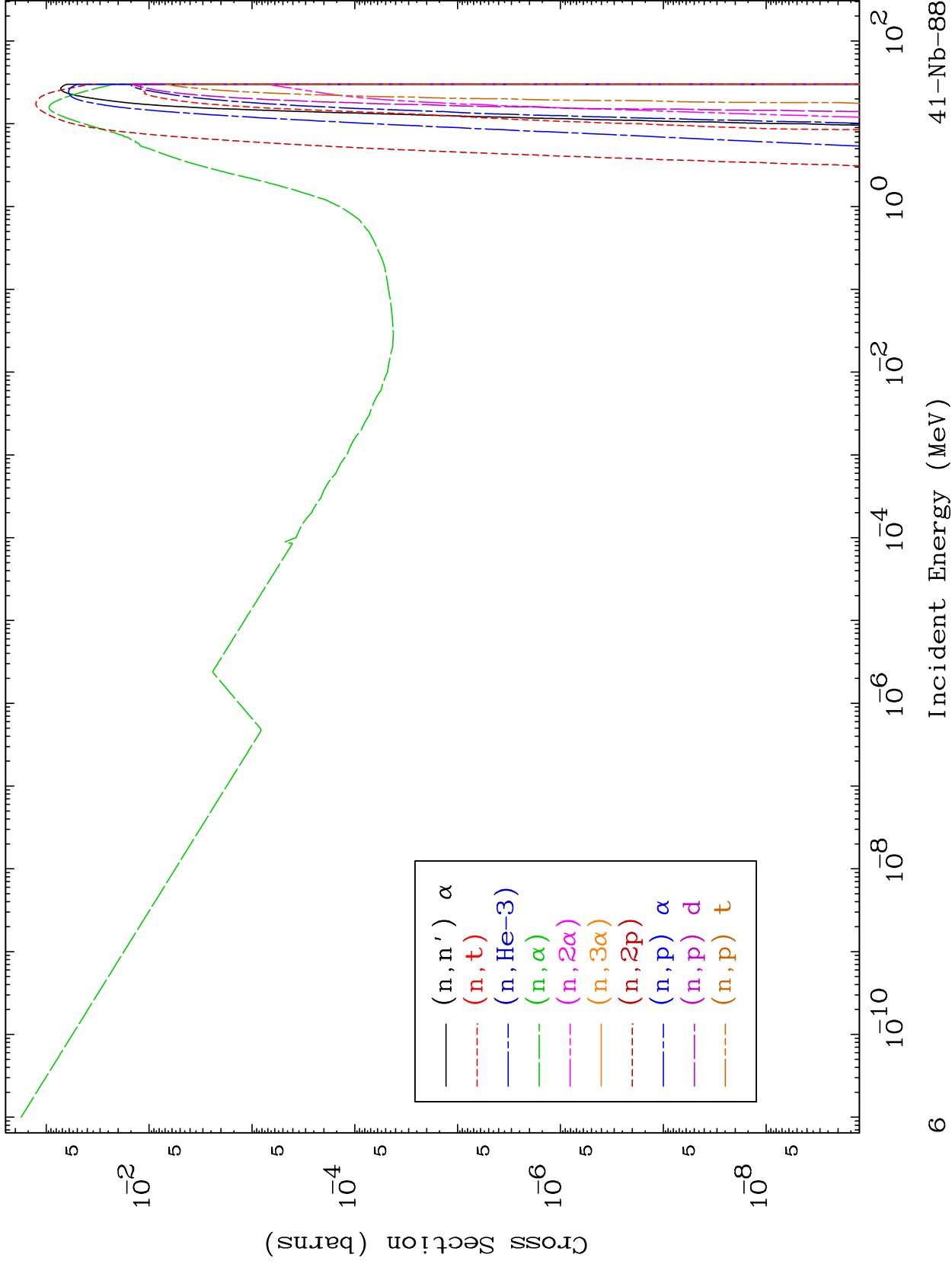


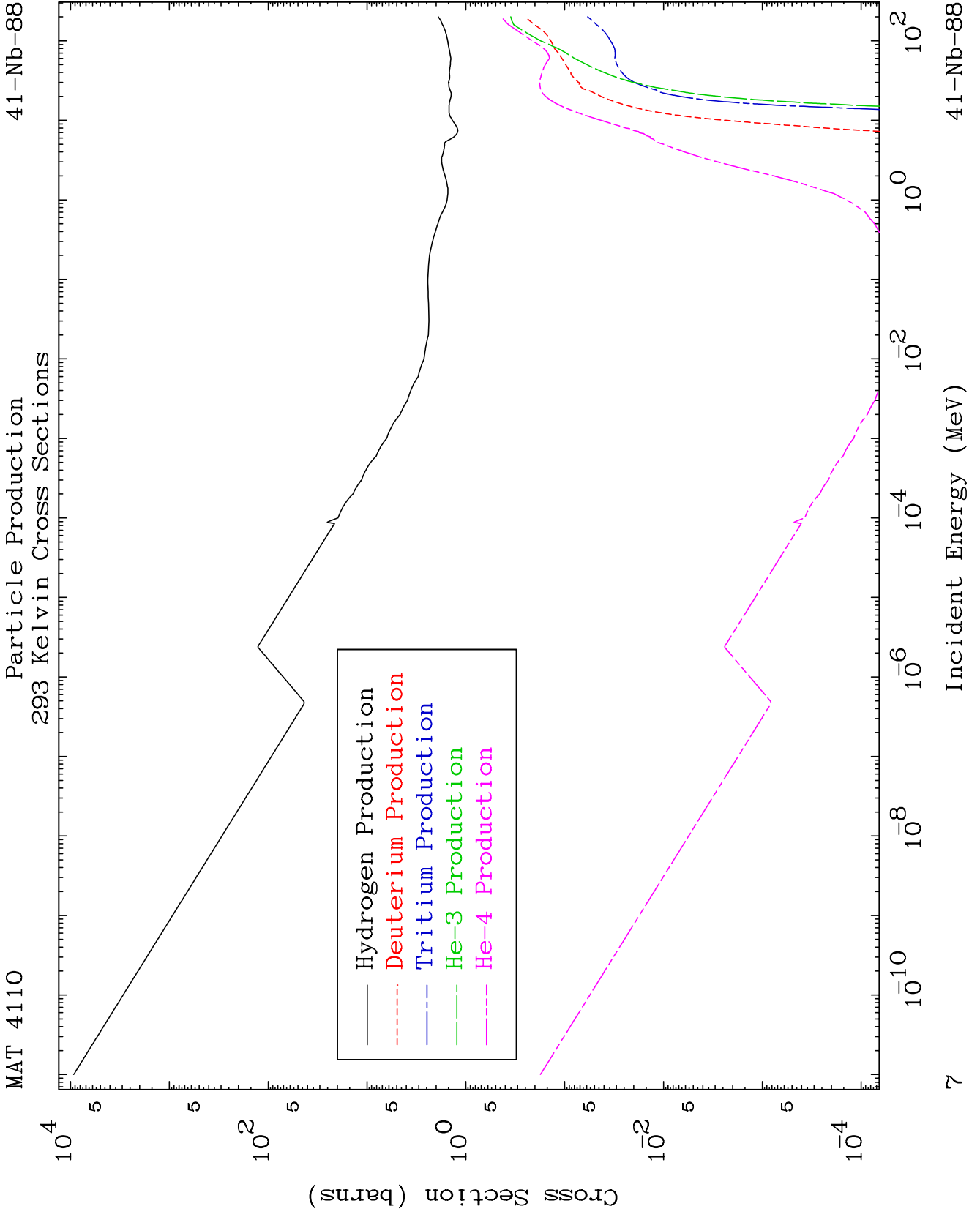


MAT 4110

Charged Particle
293 Kelvin Cross Sections

41-Nb-88

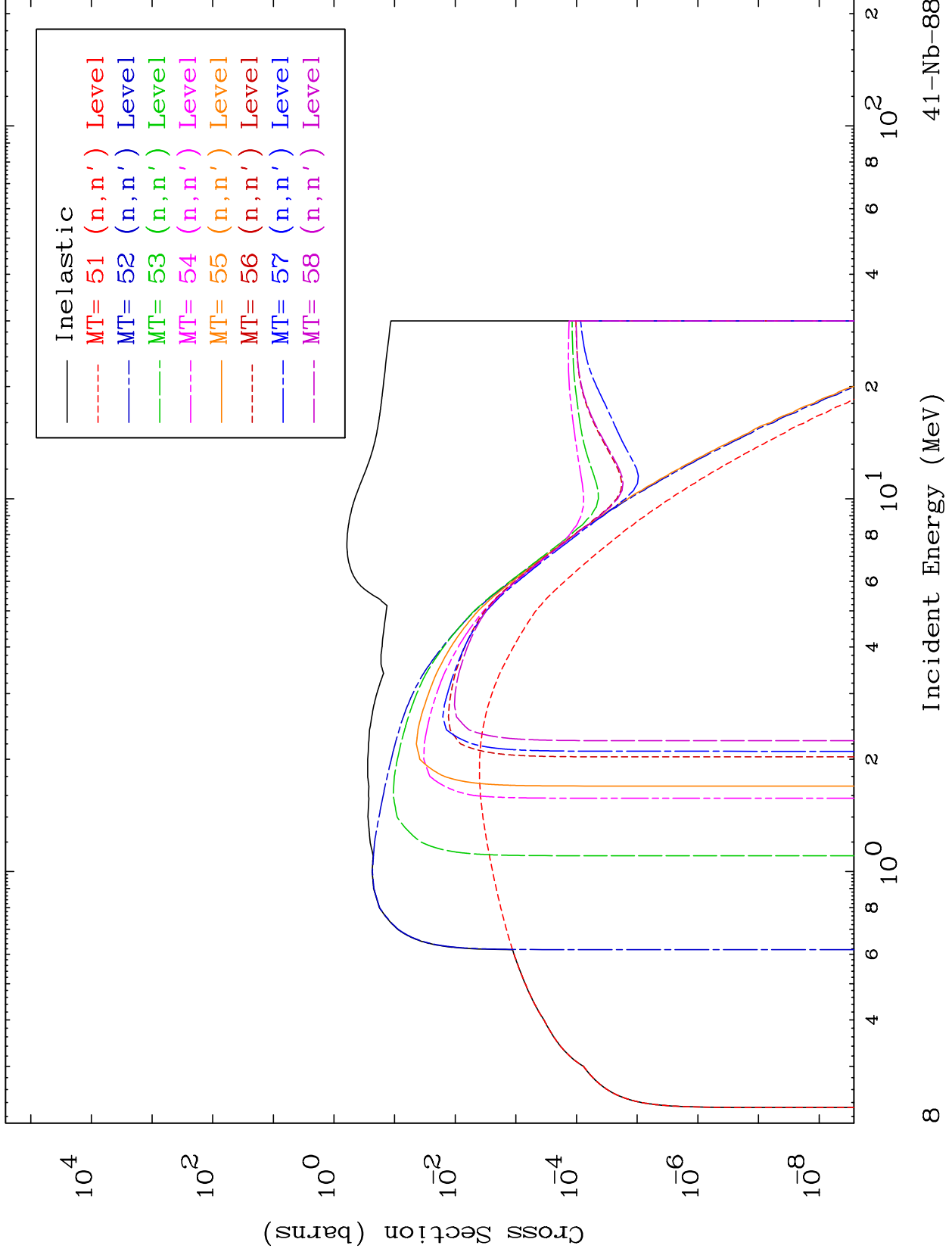




MAT 4110

(n,n') Levels
293 Kelvin Cross Sections

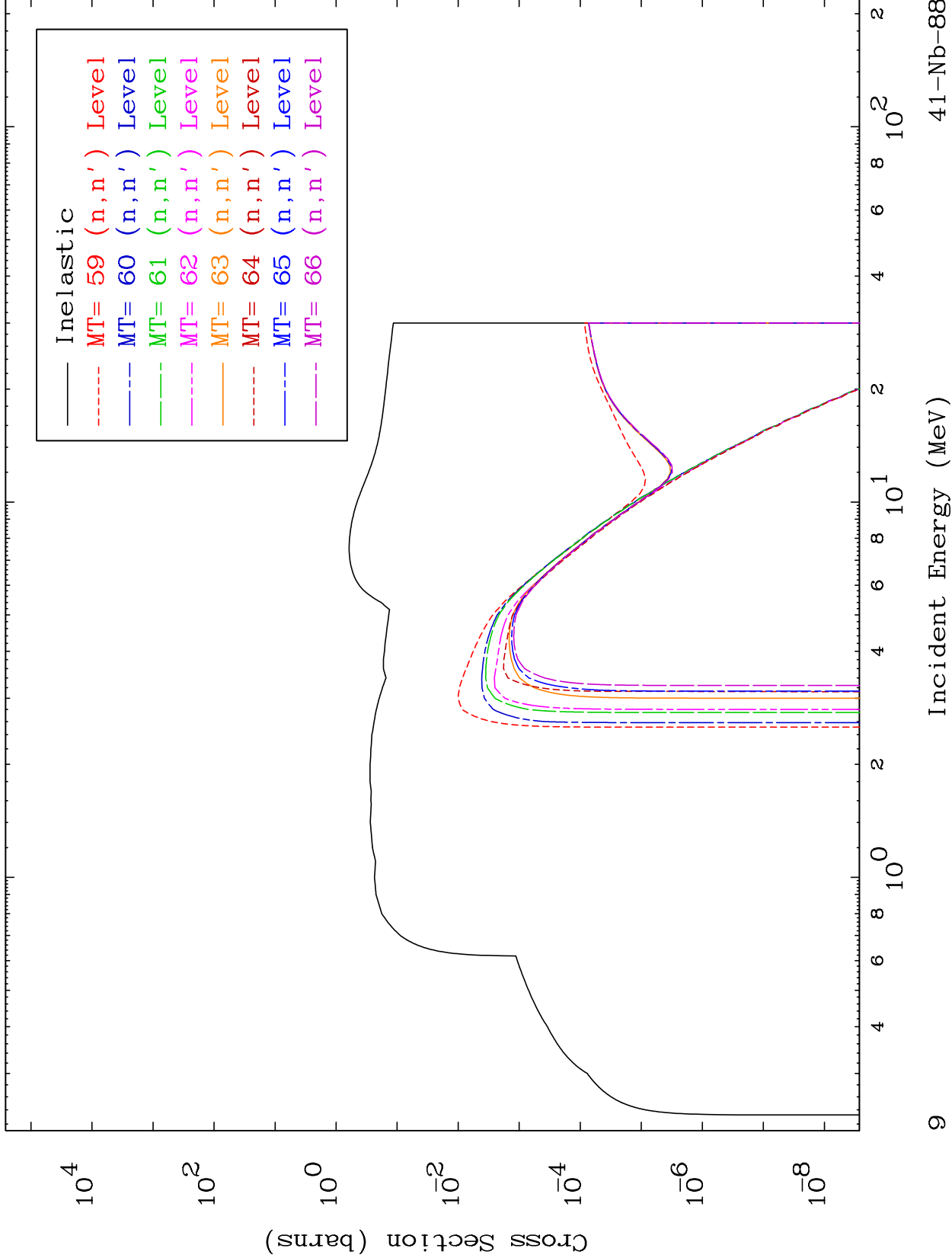
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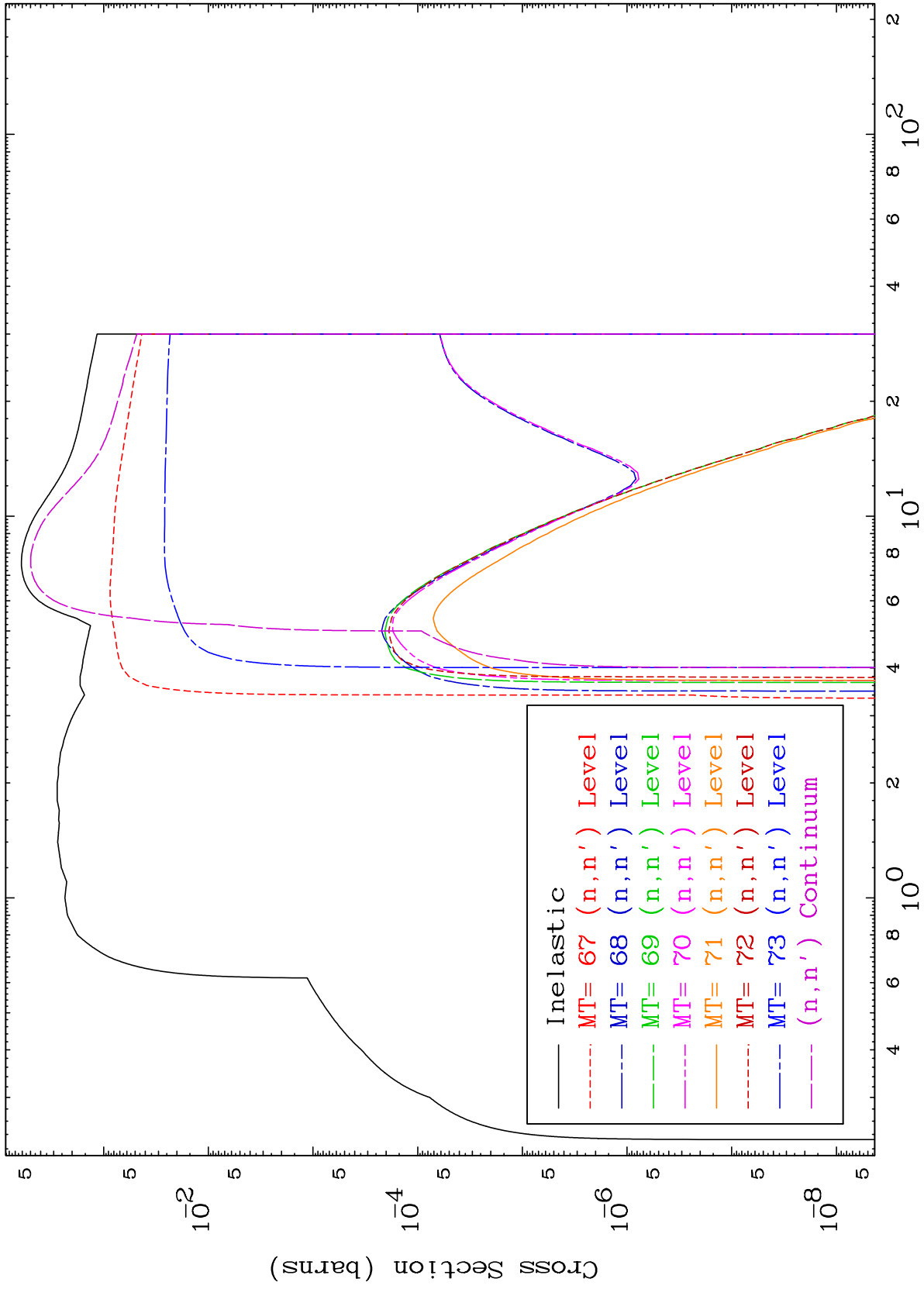


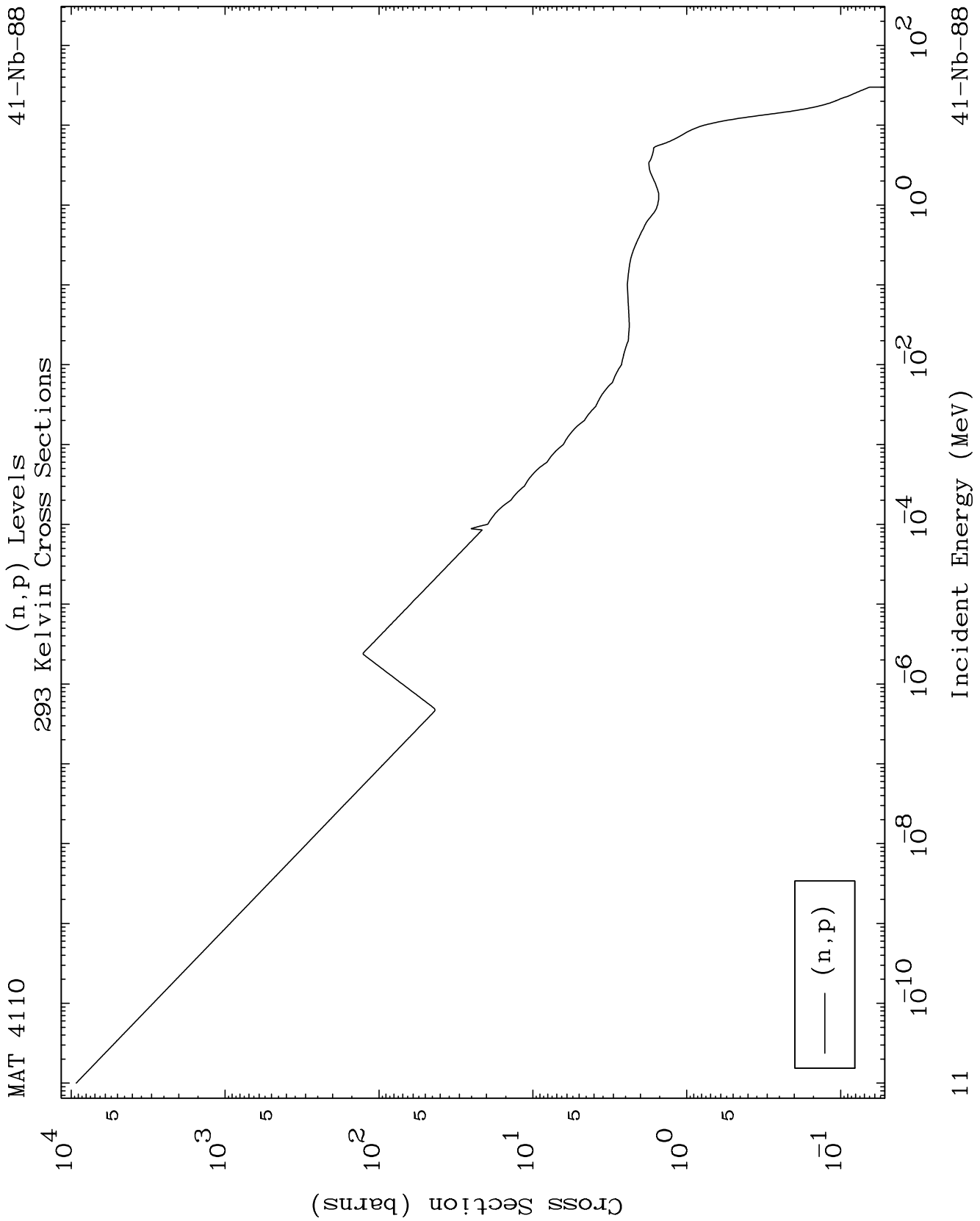
MAT 4110

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-88



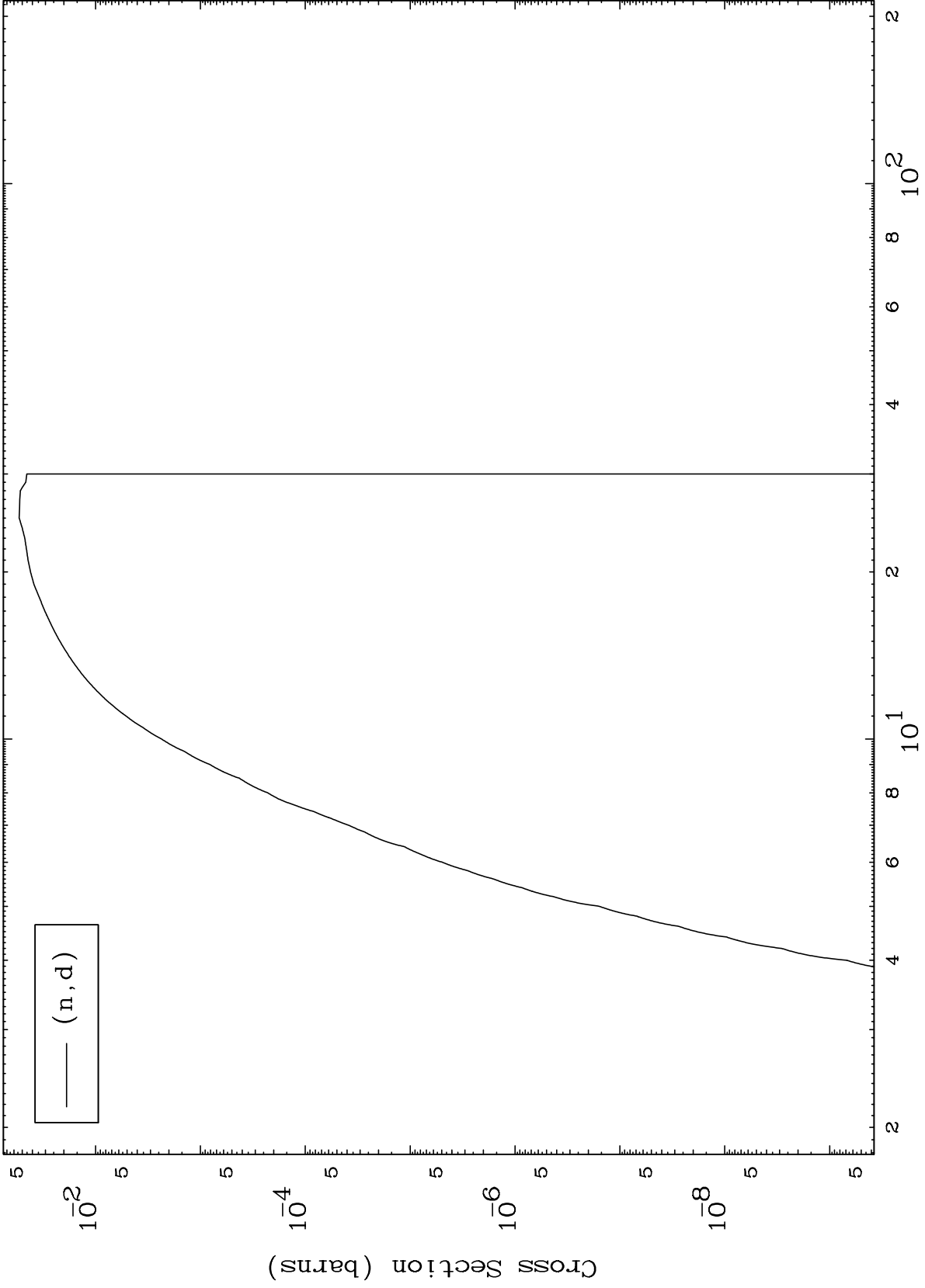




MAT 4110

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-88



(n,d)

12

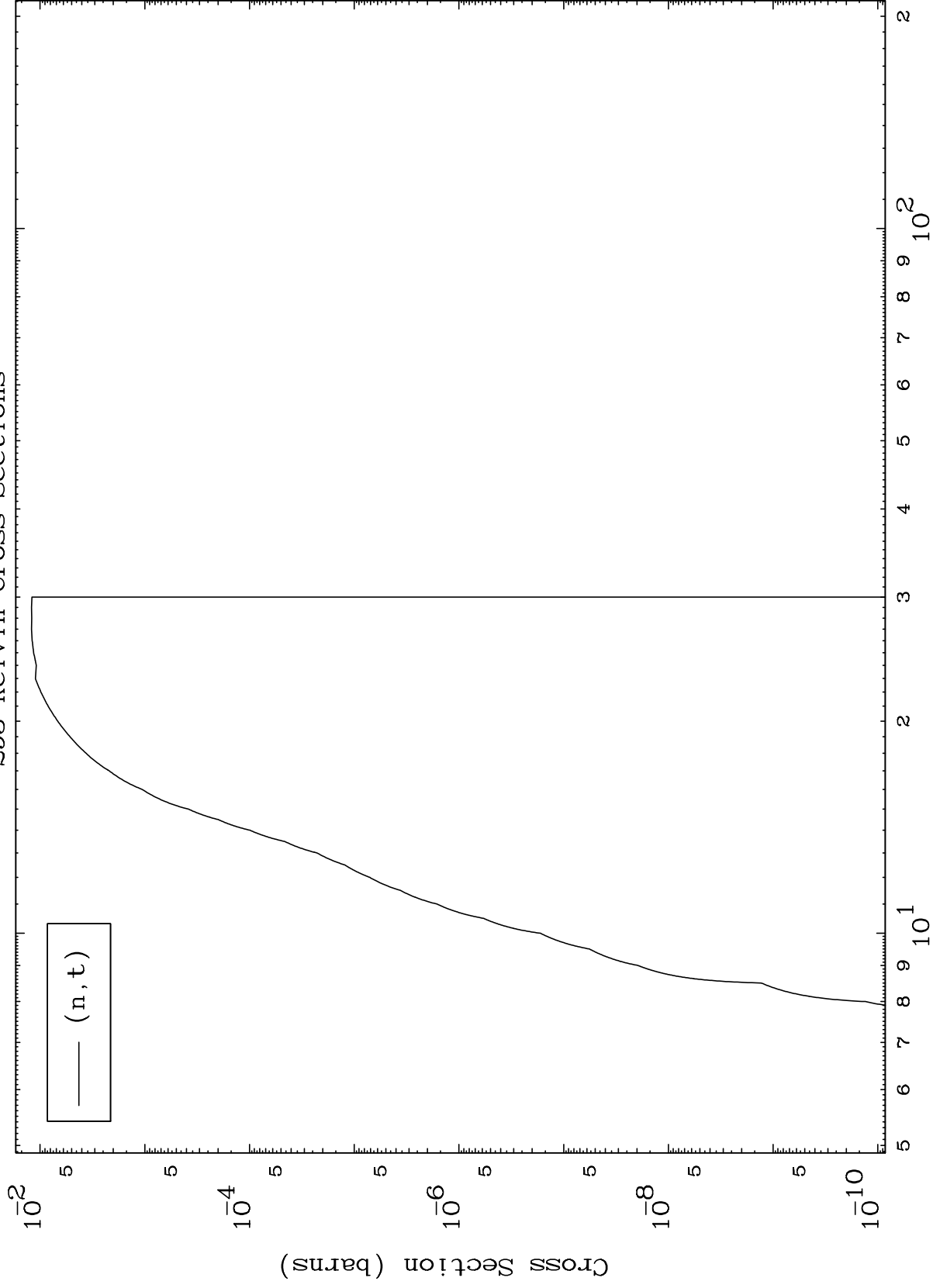
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-88



13

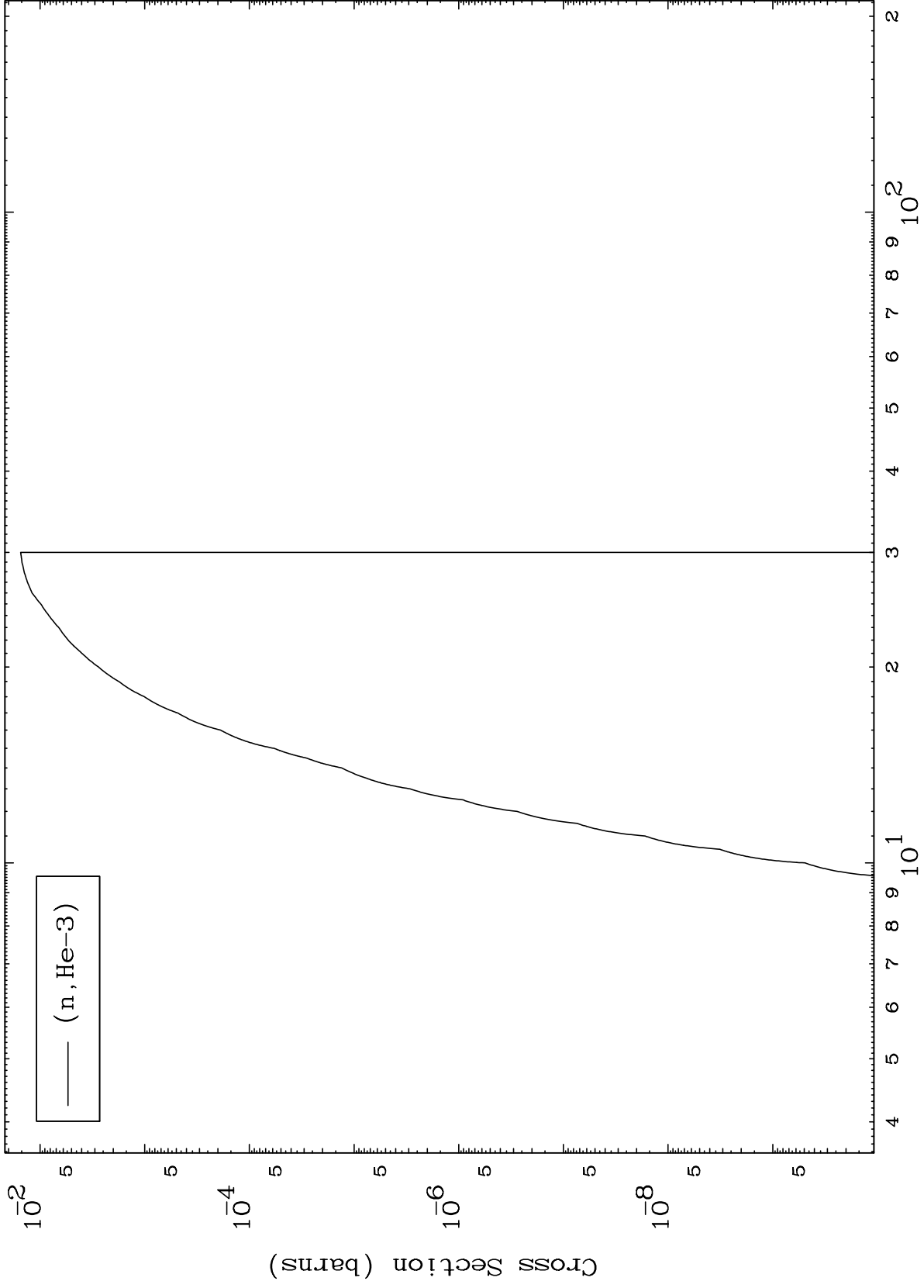
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-88



14

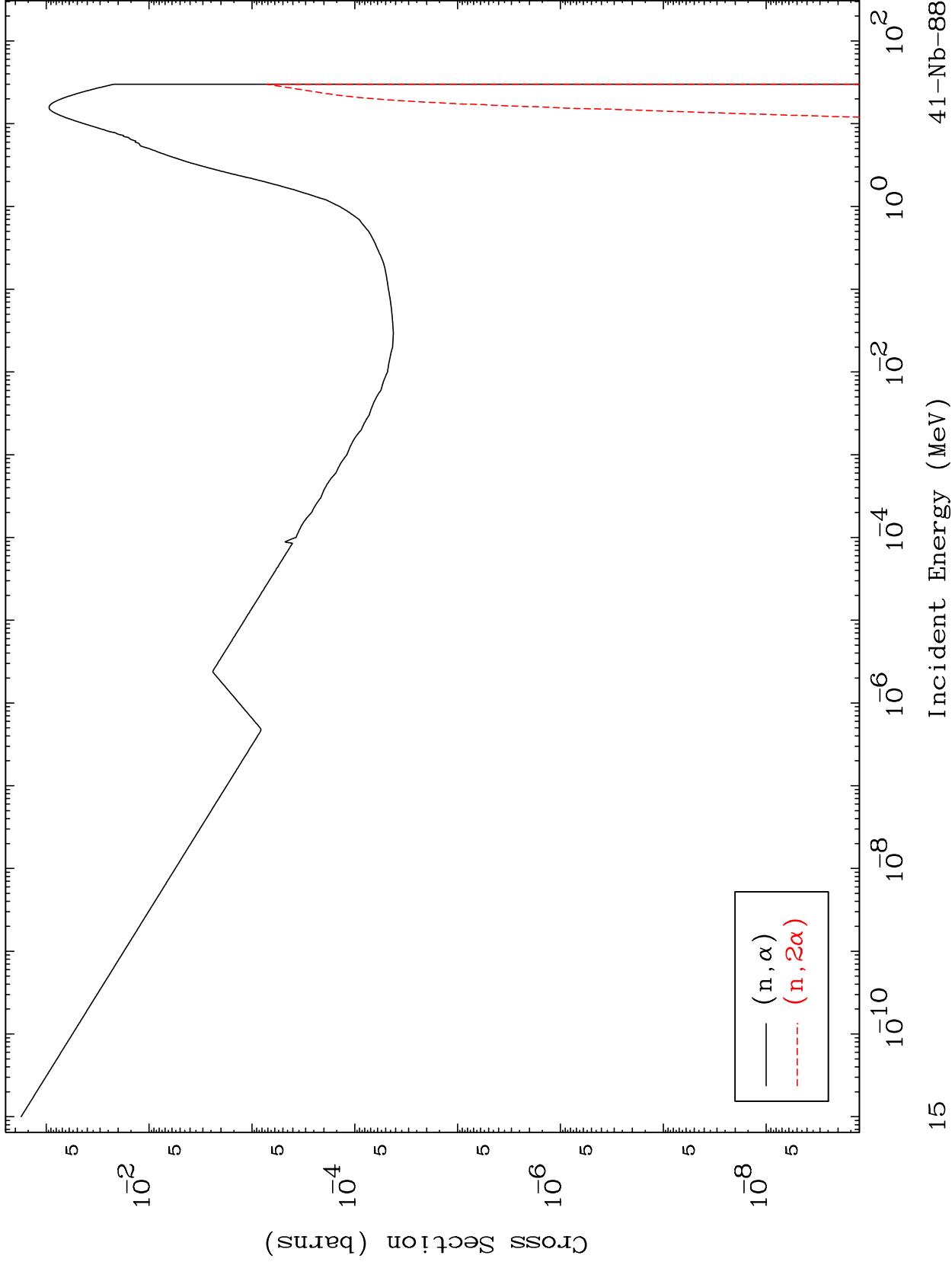
Incident Energy (MeV)

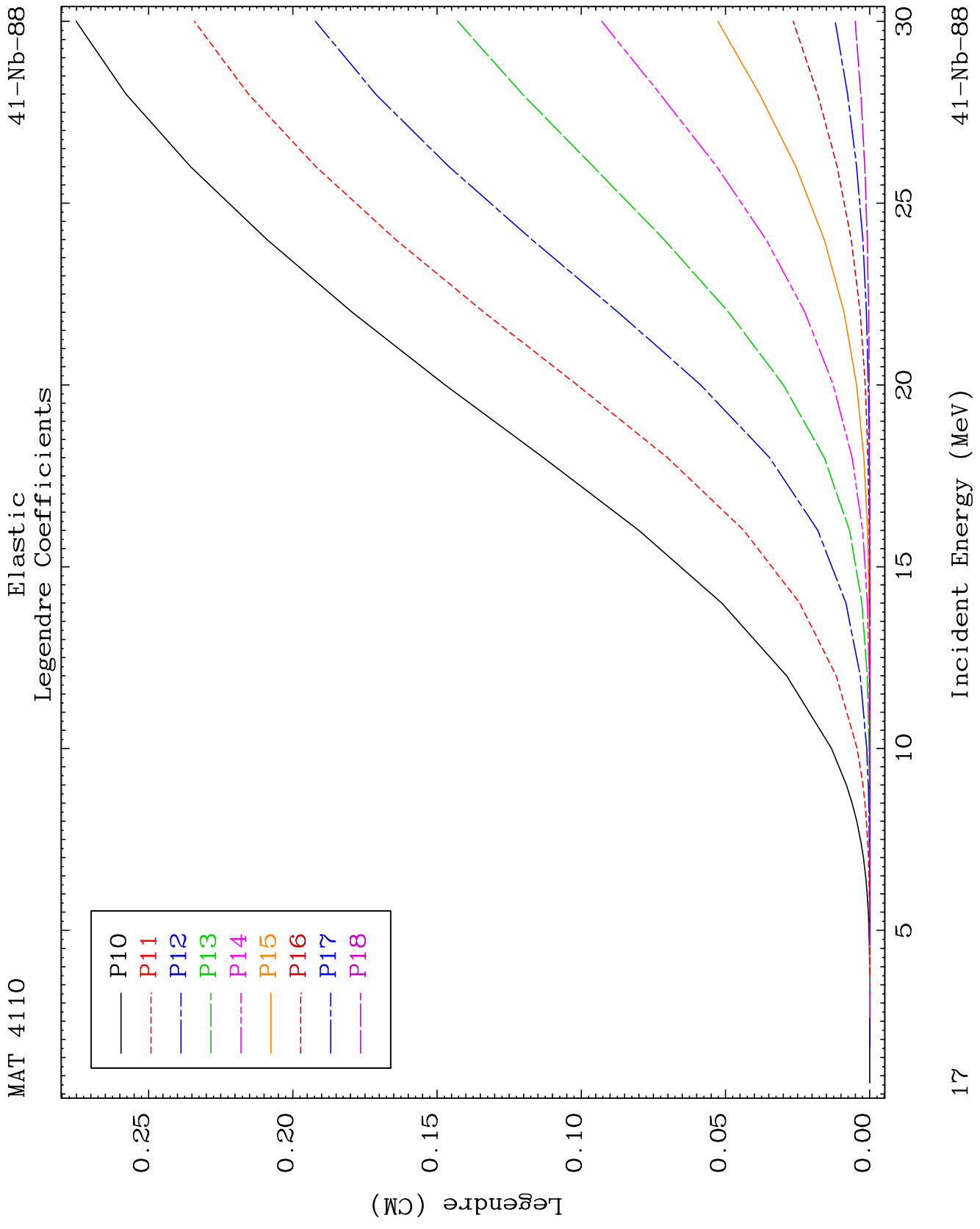
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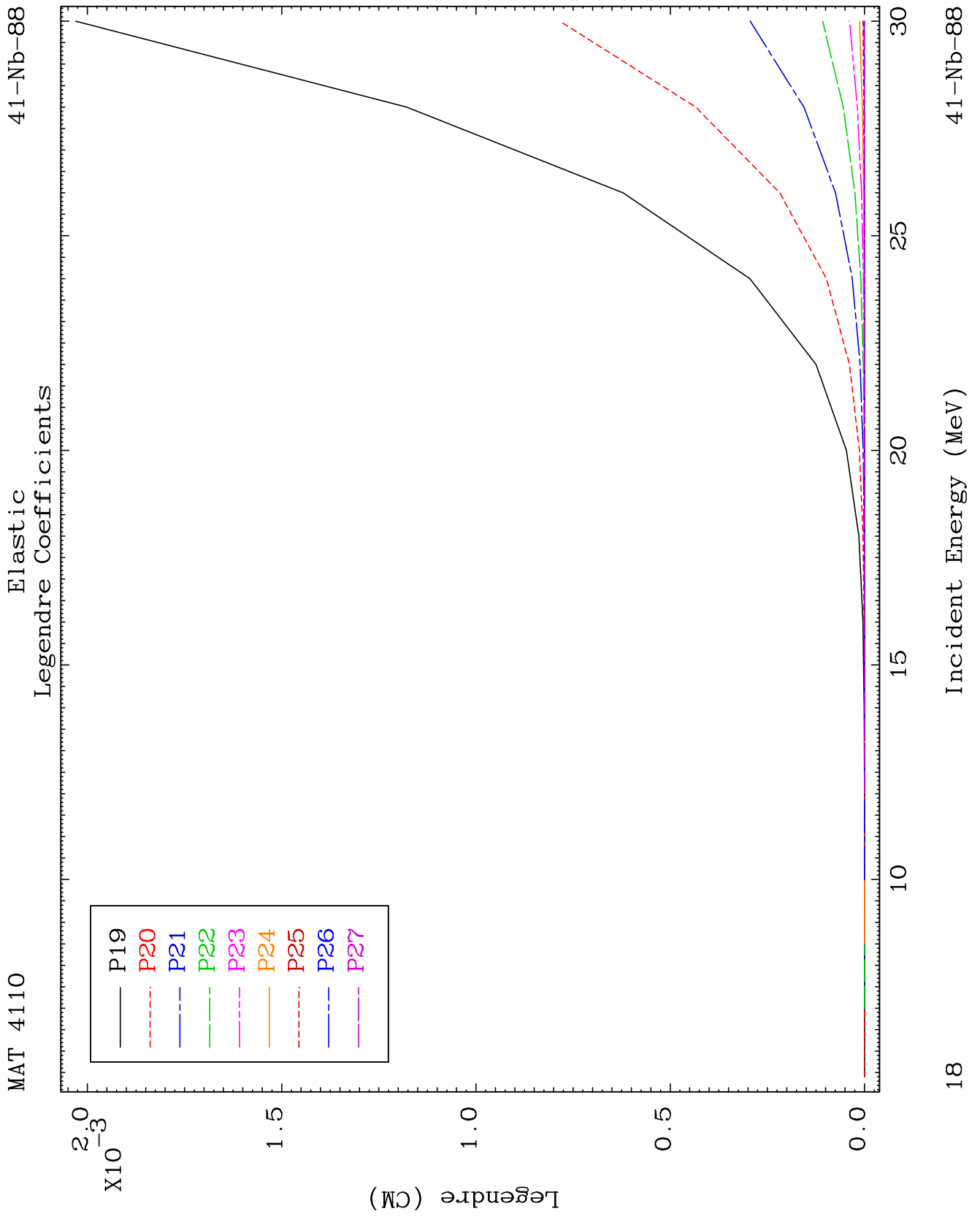
MAT 4110

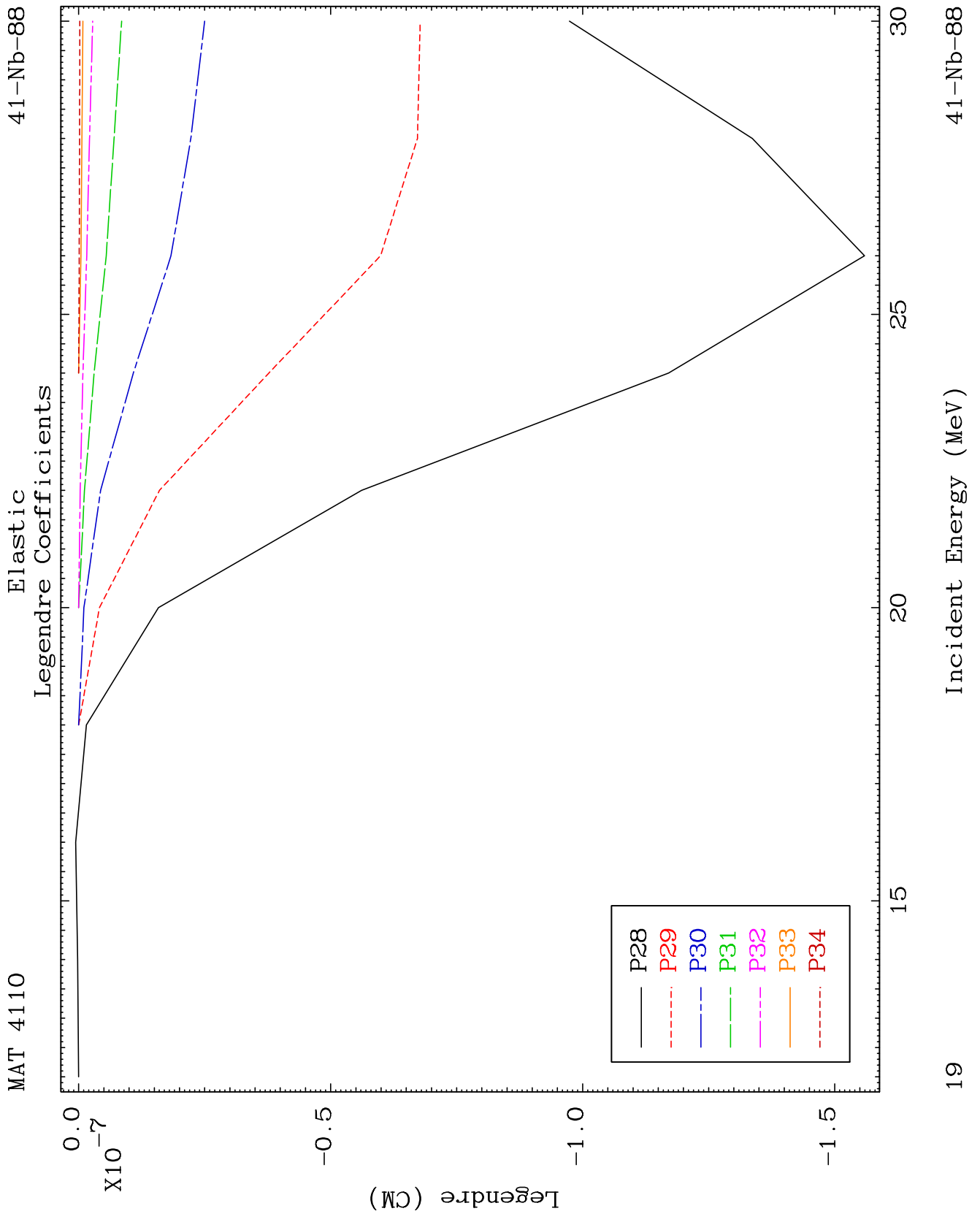
(n, α) Levels
293 Kelvin Cross Sections

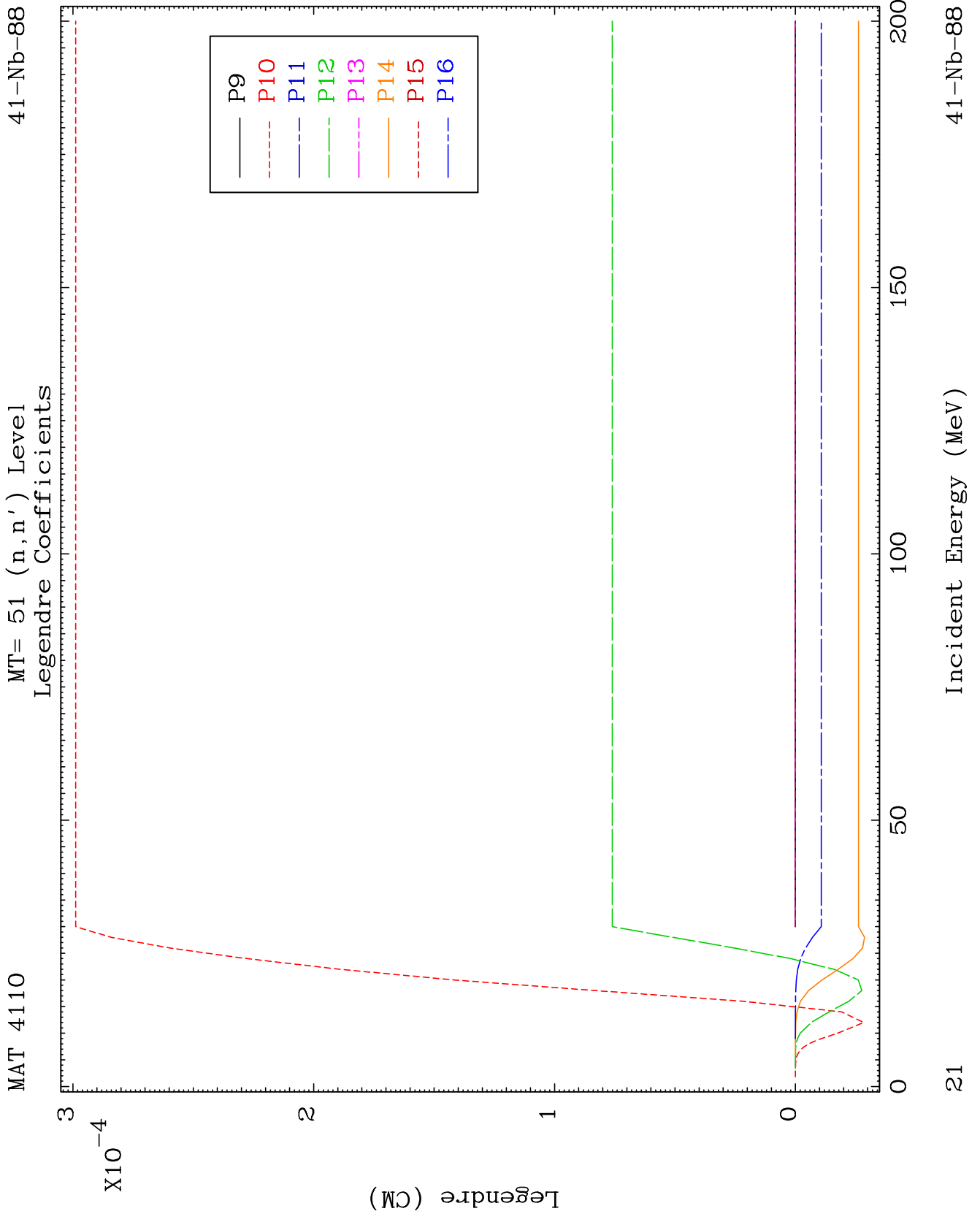
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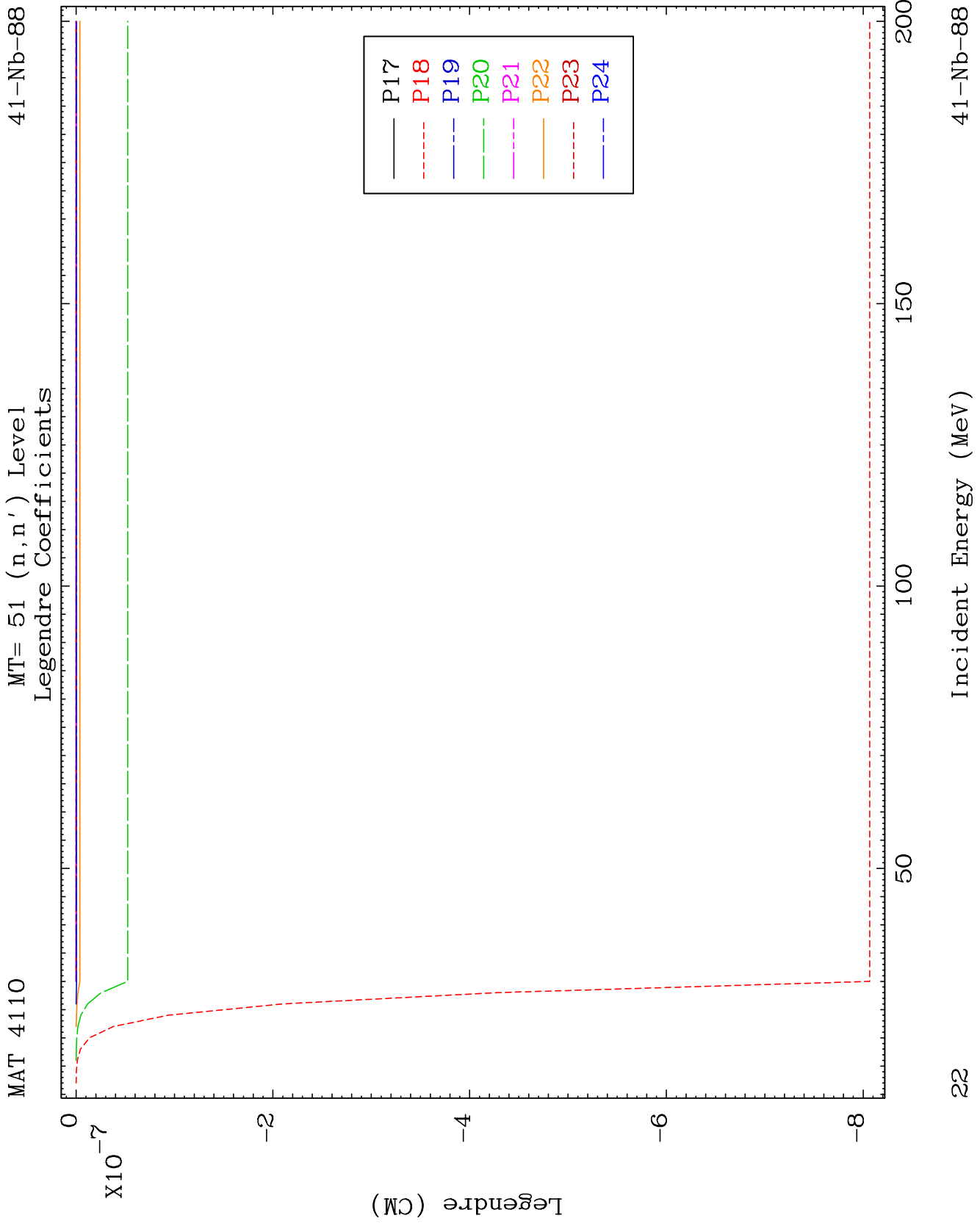


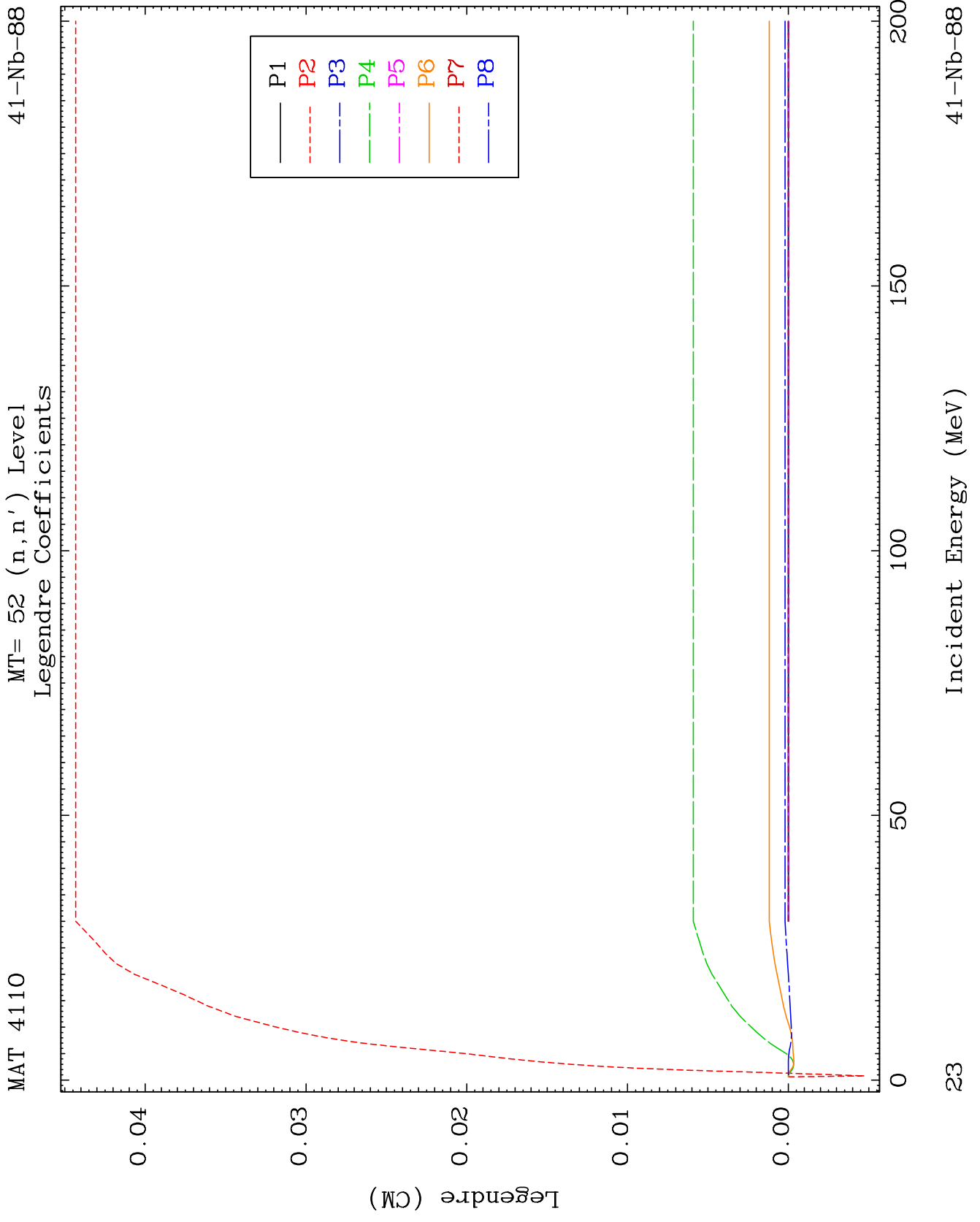


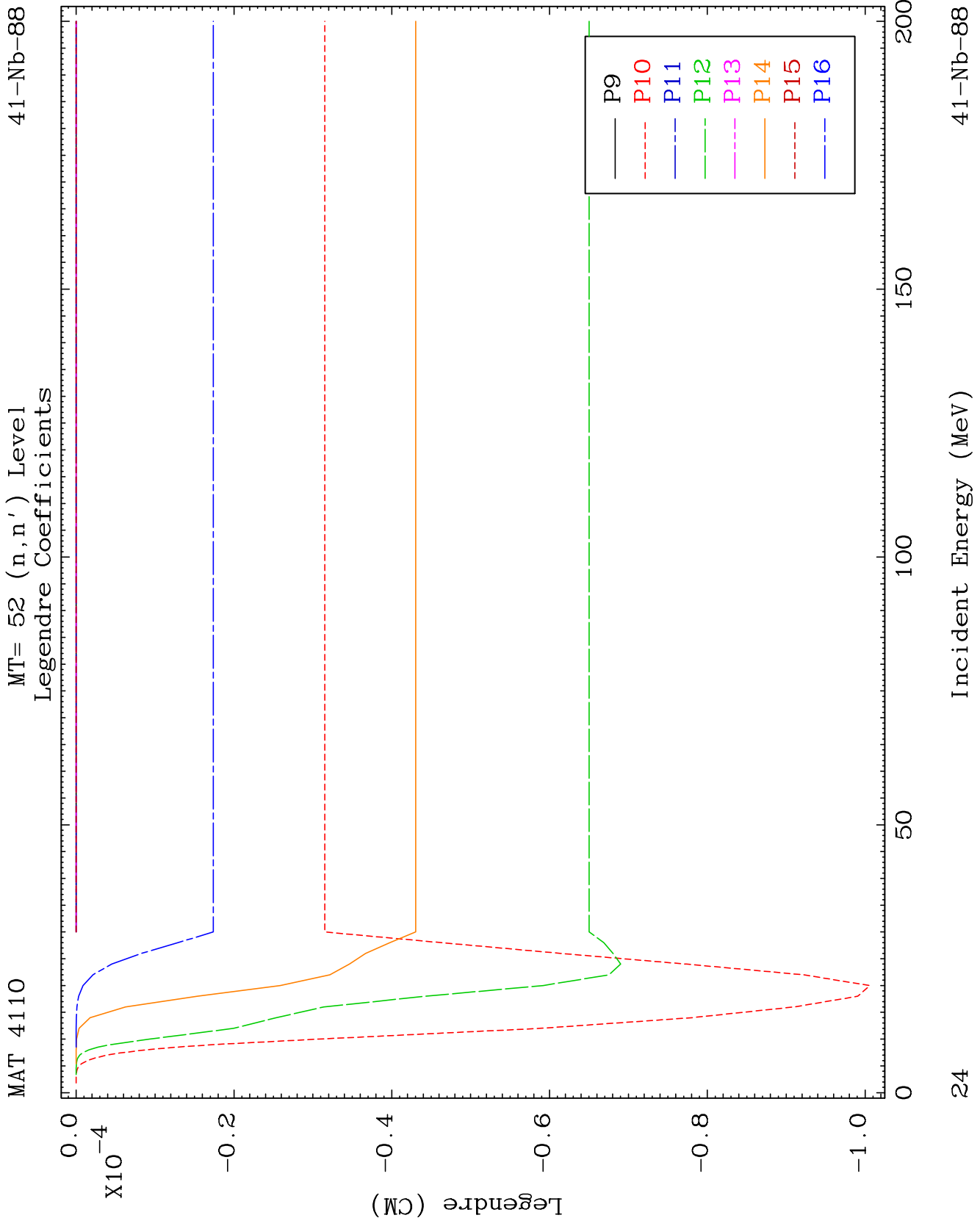


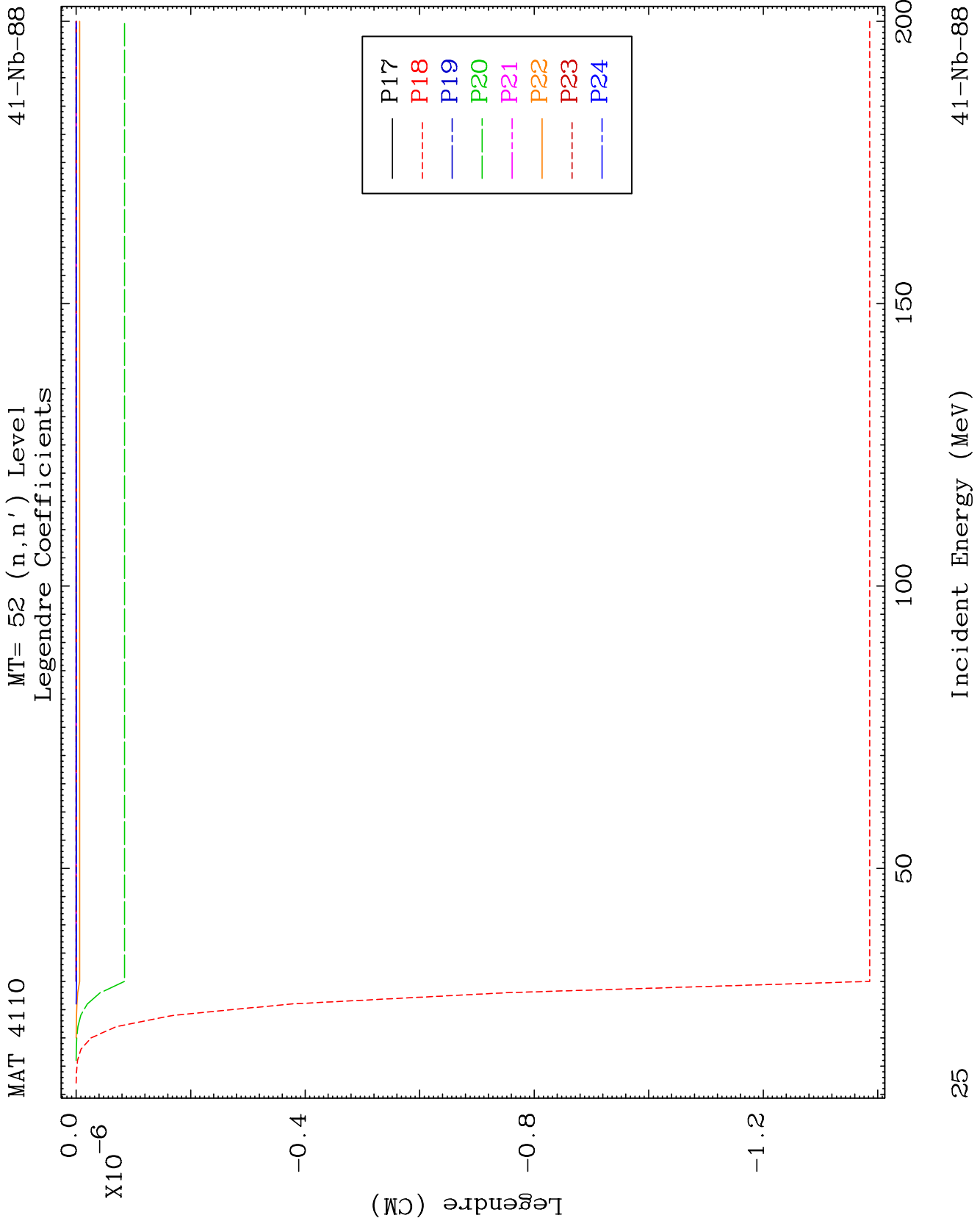








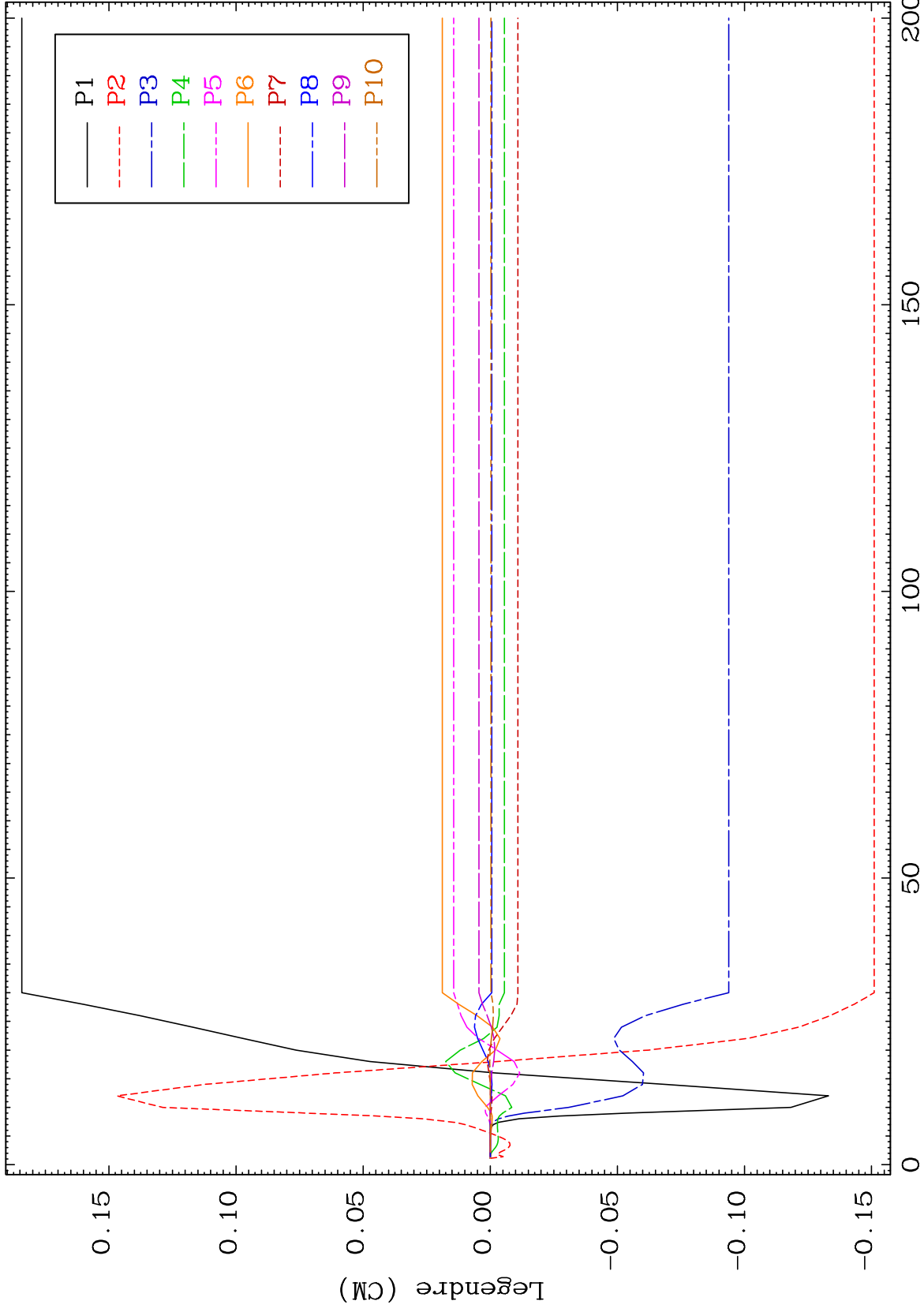




MAT 4110

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

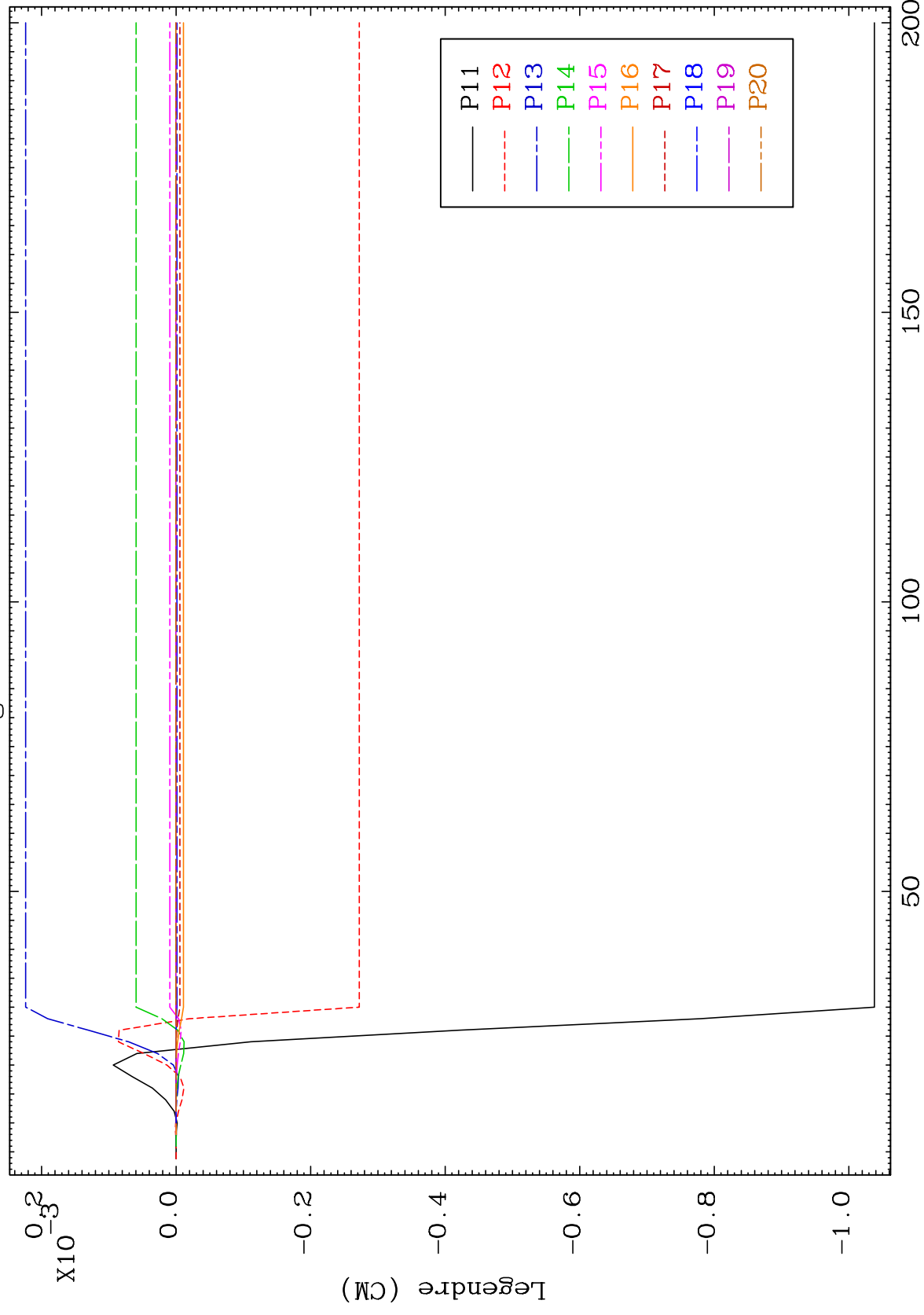
41-Nb-88



26

Incident Energy (MeV)

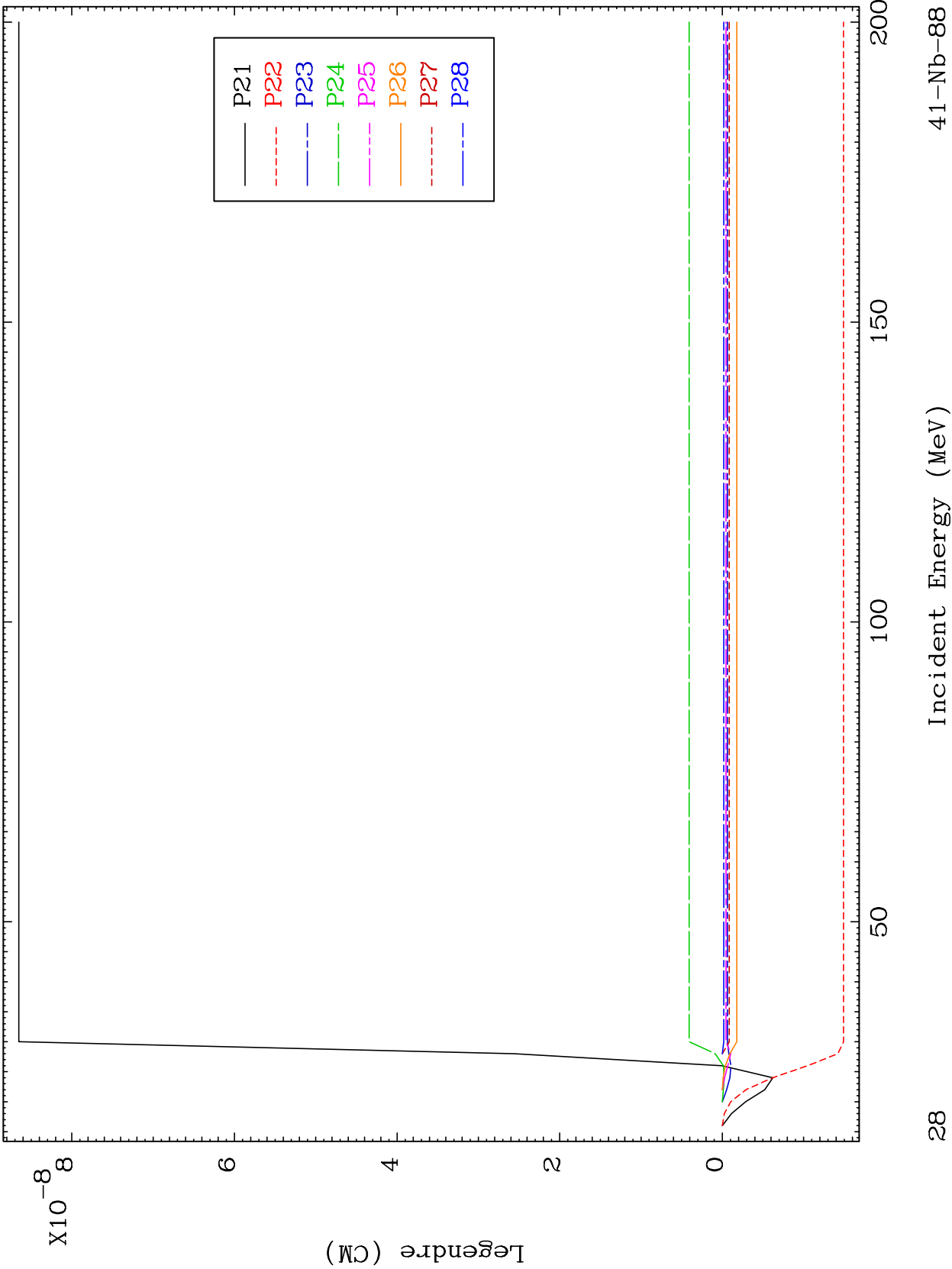
41-Nb-88



MAT 4110

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

41-Nb-88



28

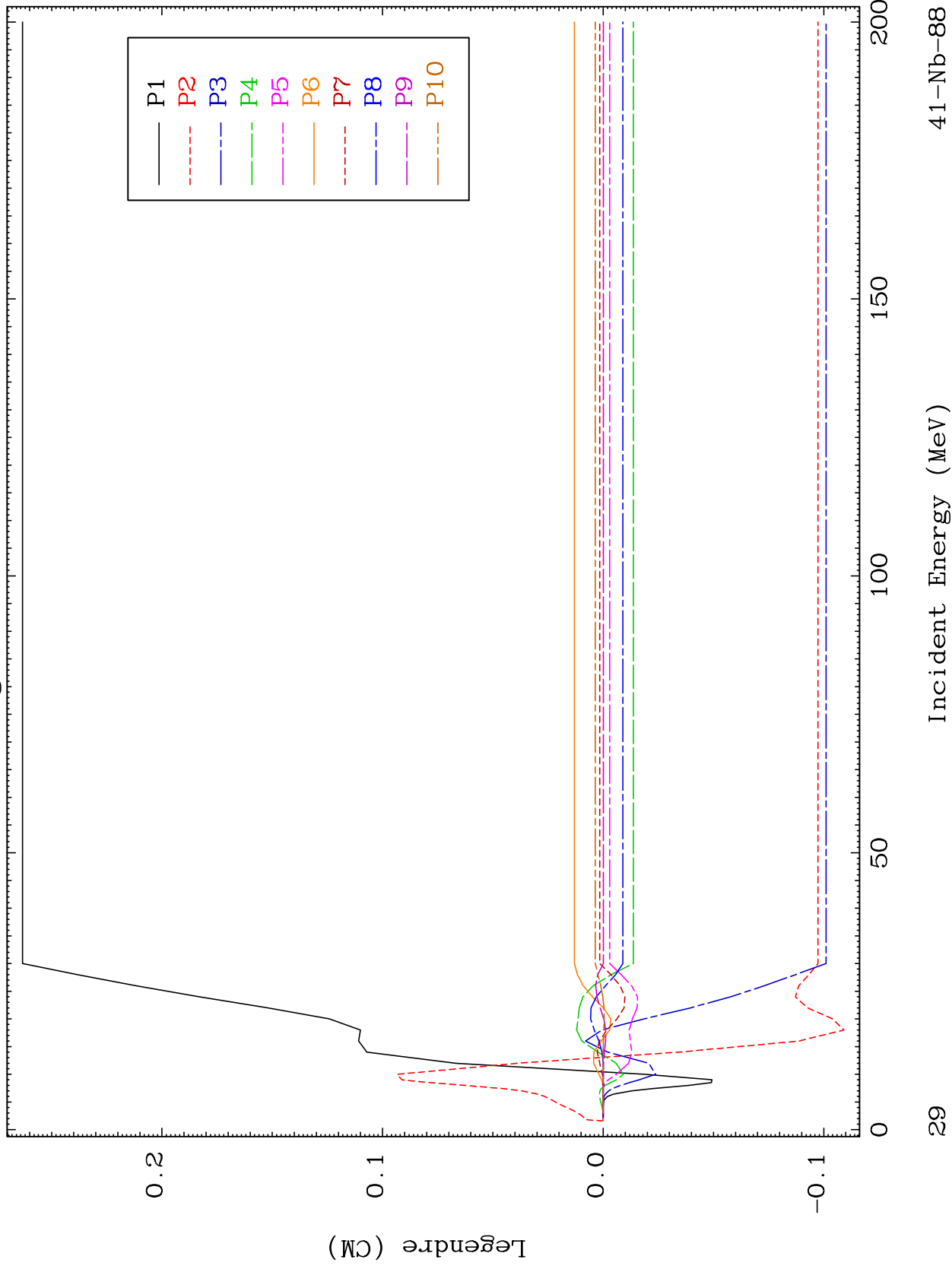
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

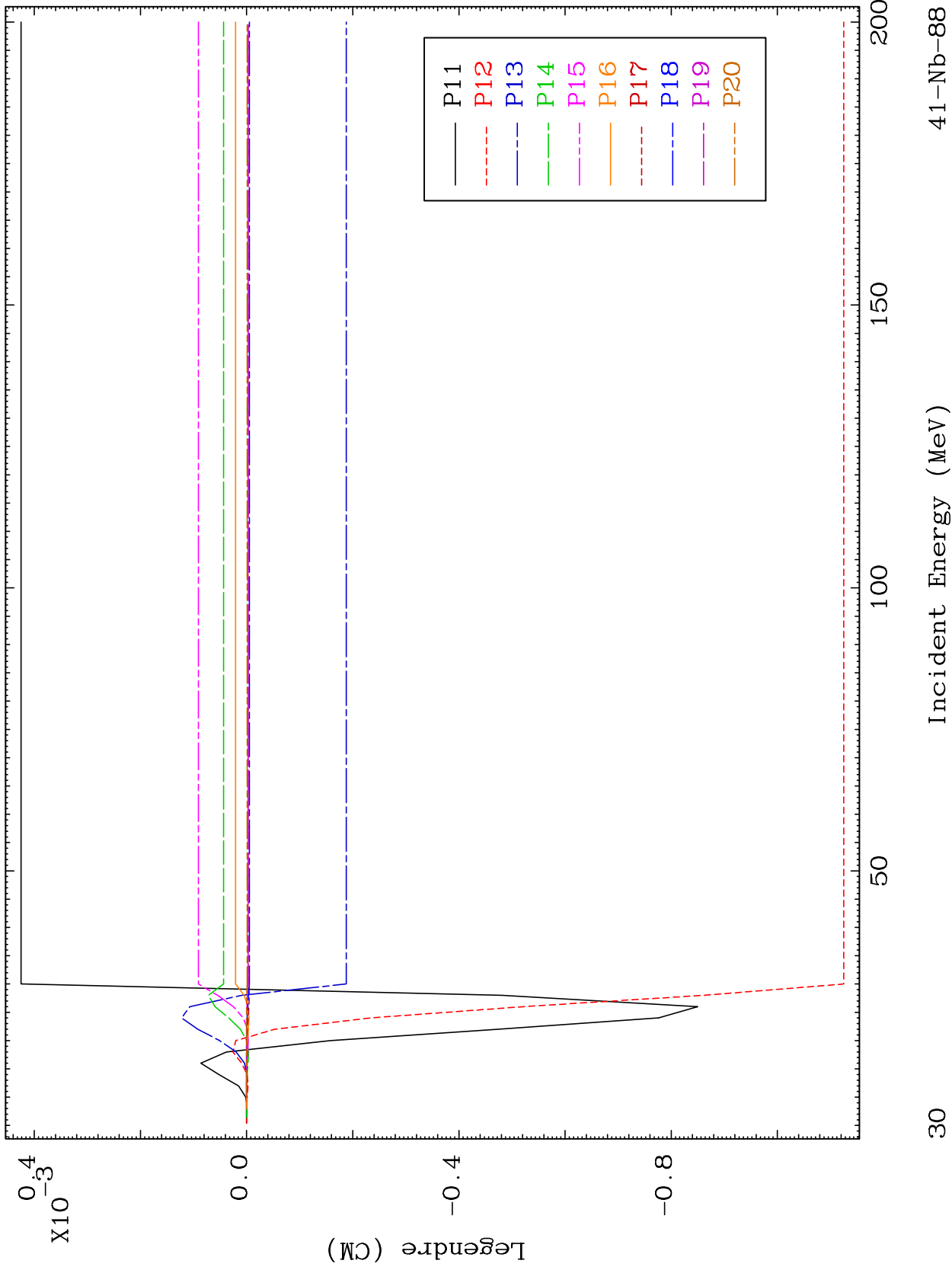
41-Nb-88



MAT 4110

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

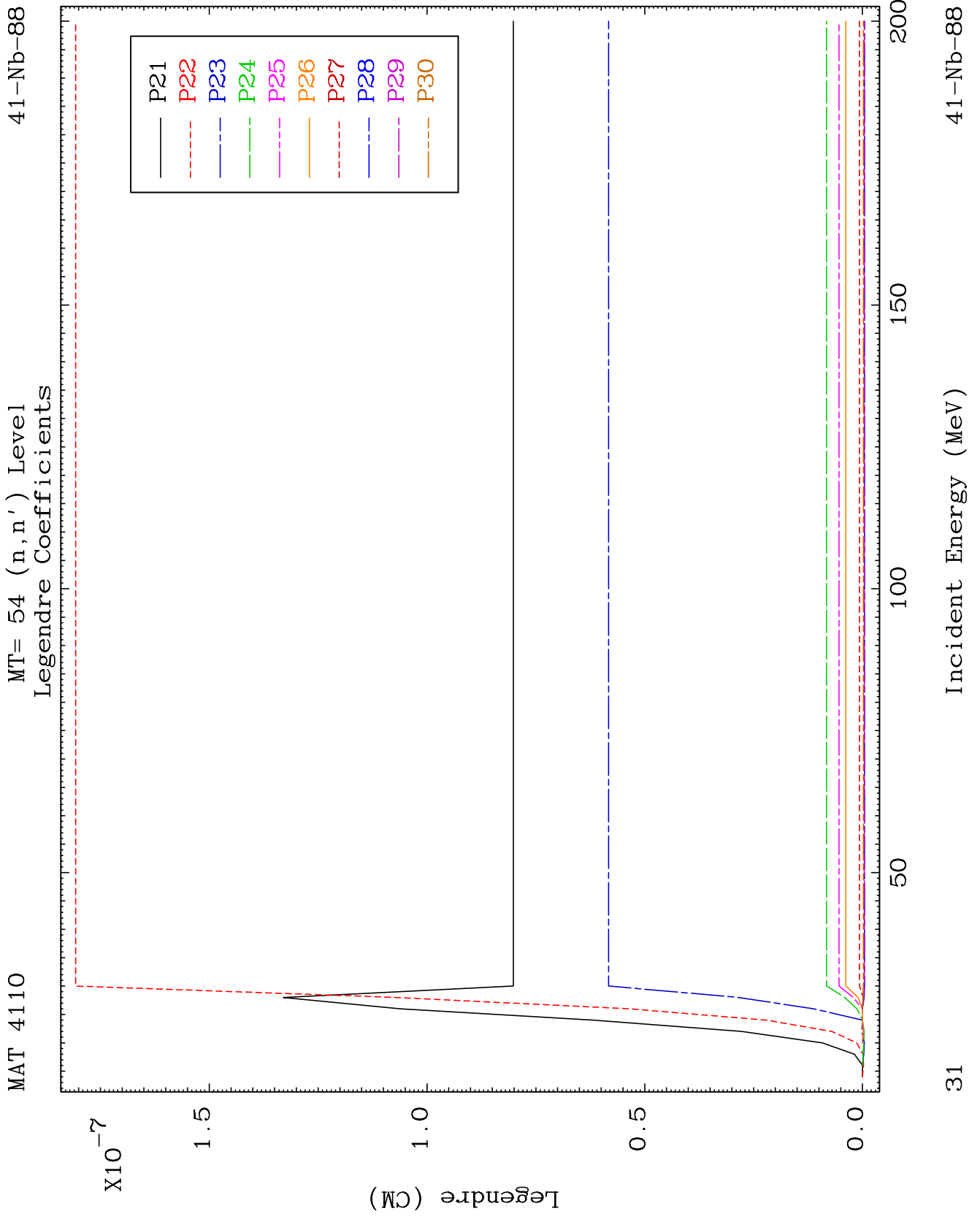
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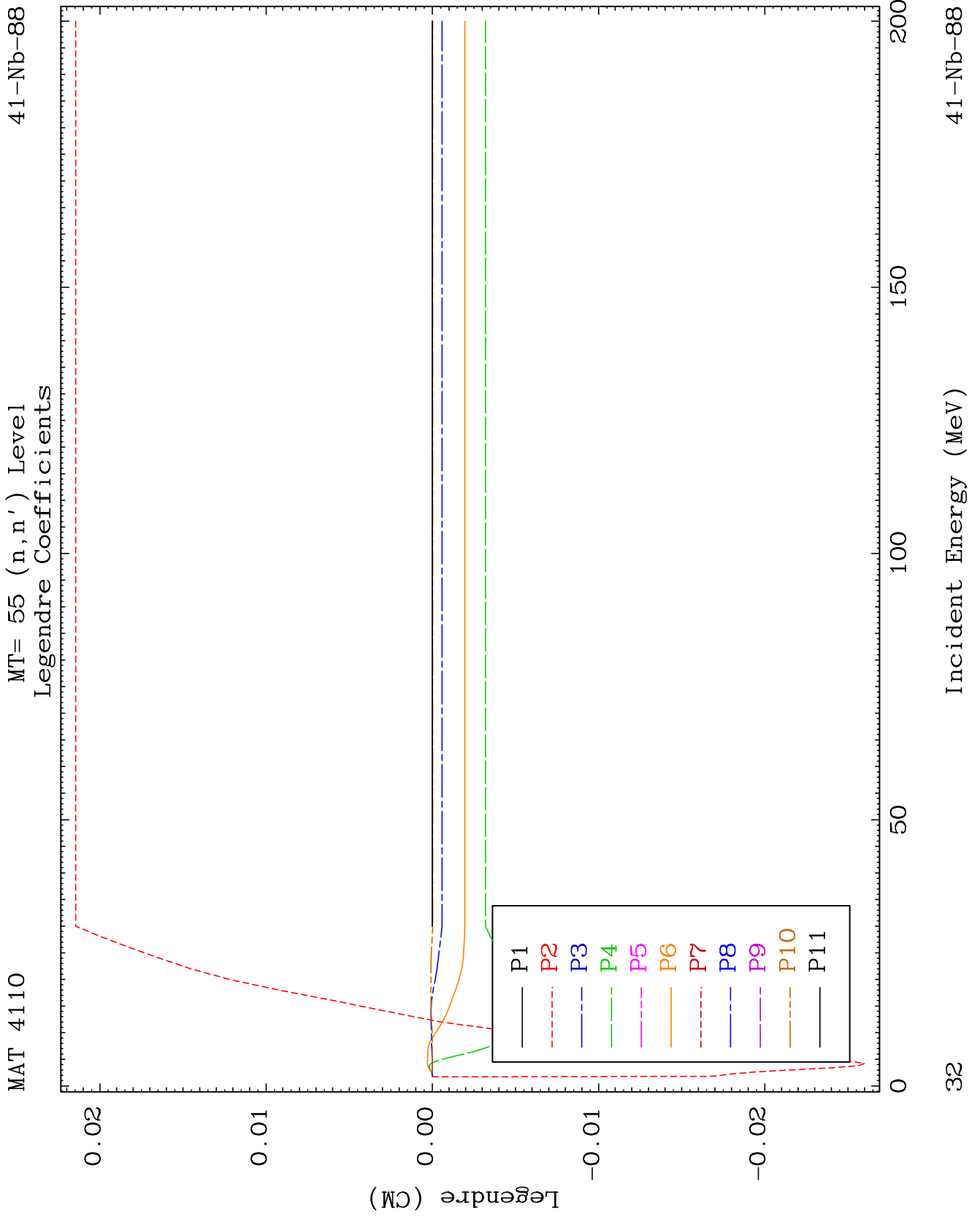


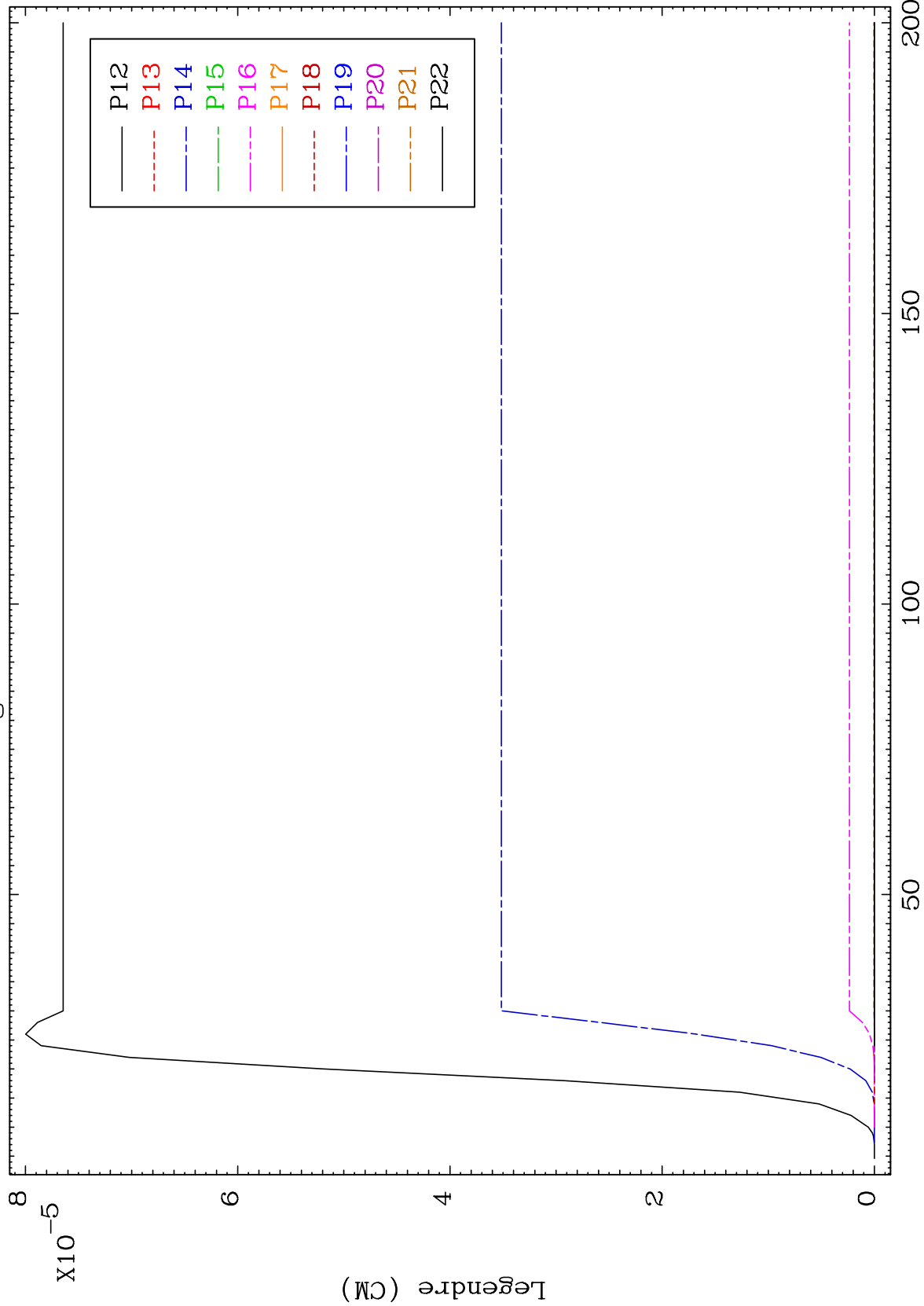
30

Incident Energy (MeV)

41-Nb-88



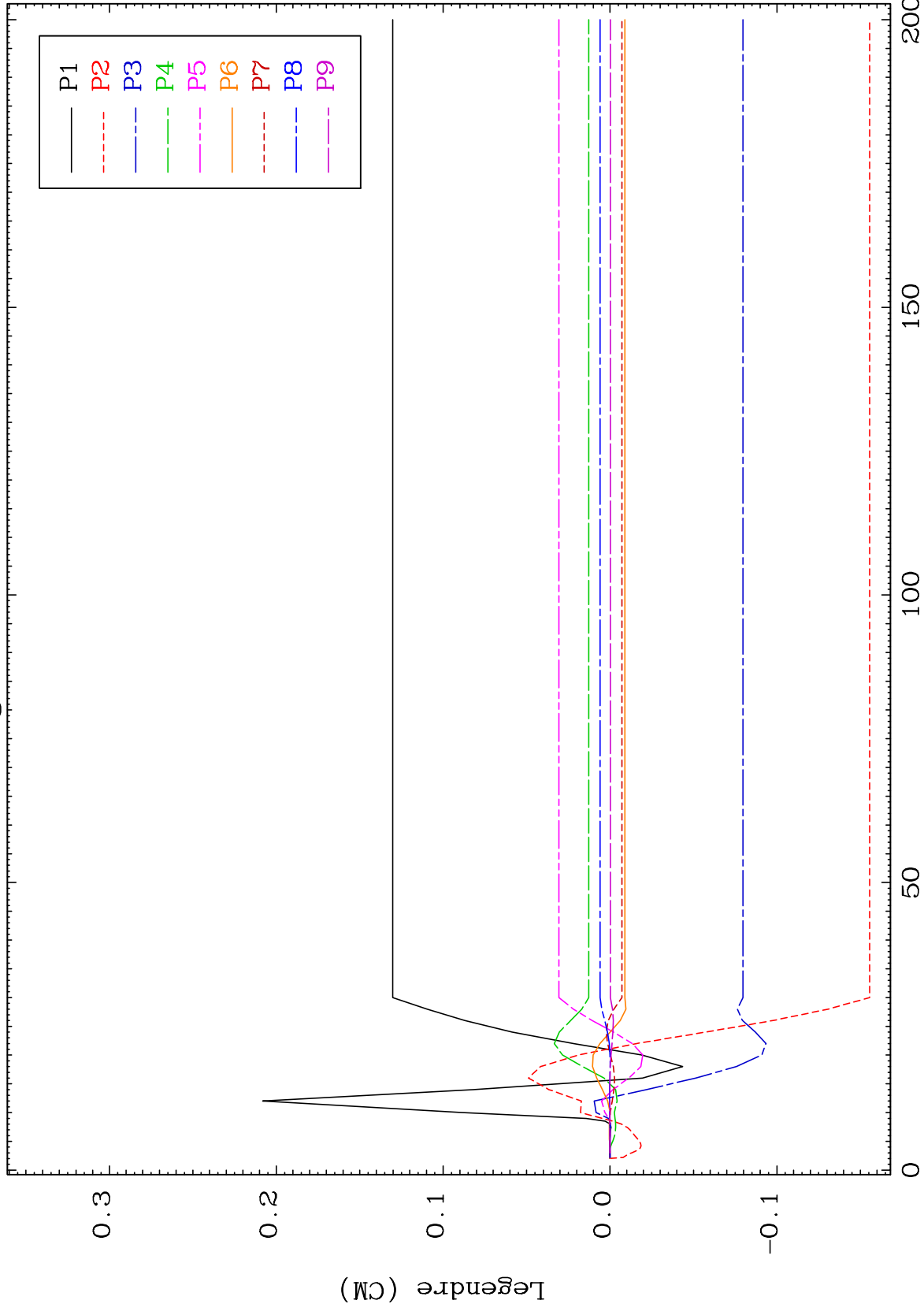




MAT 4110

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

41-Nb-88



34

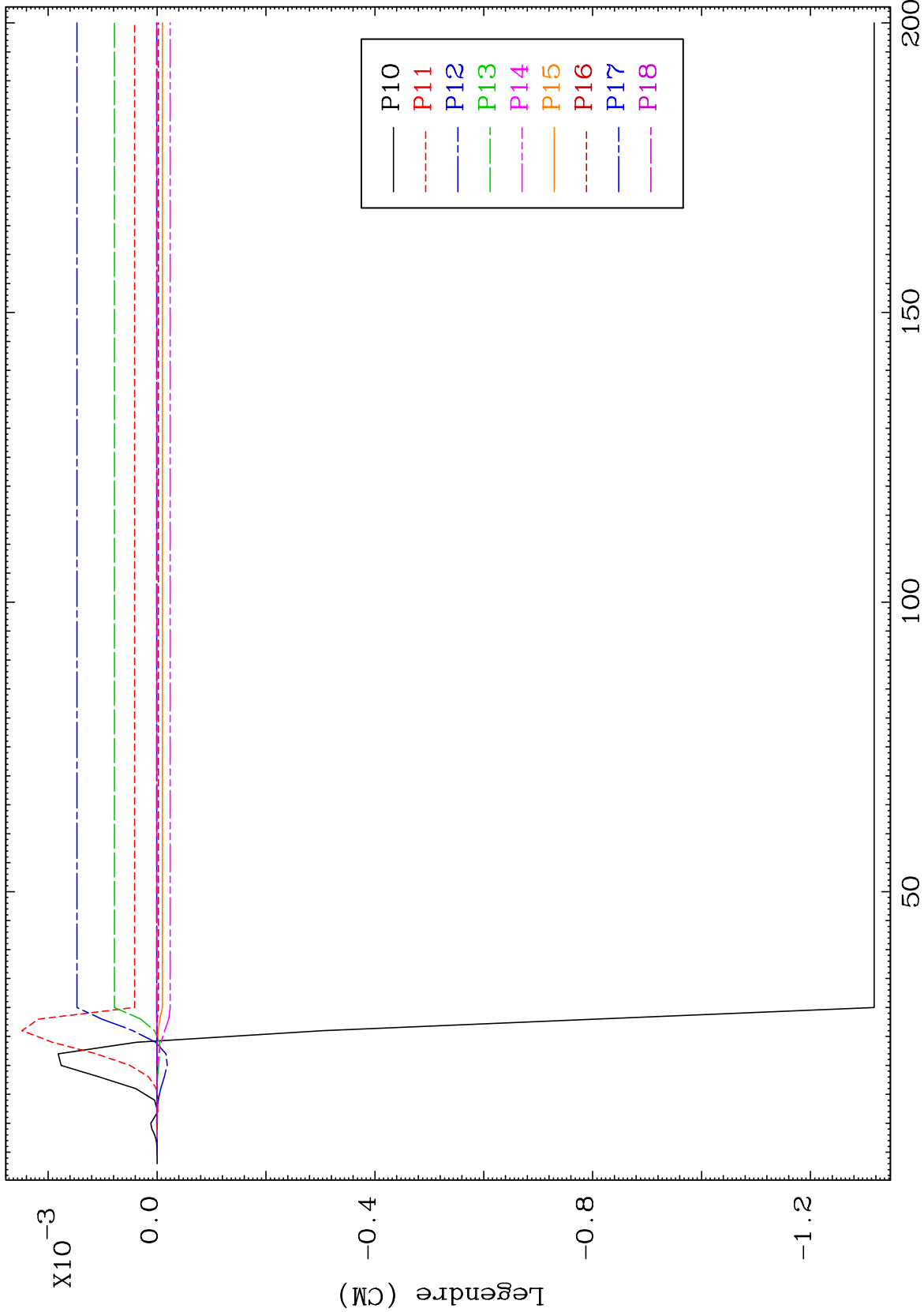
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

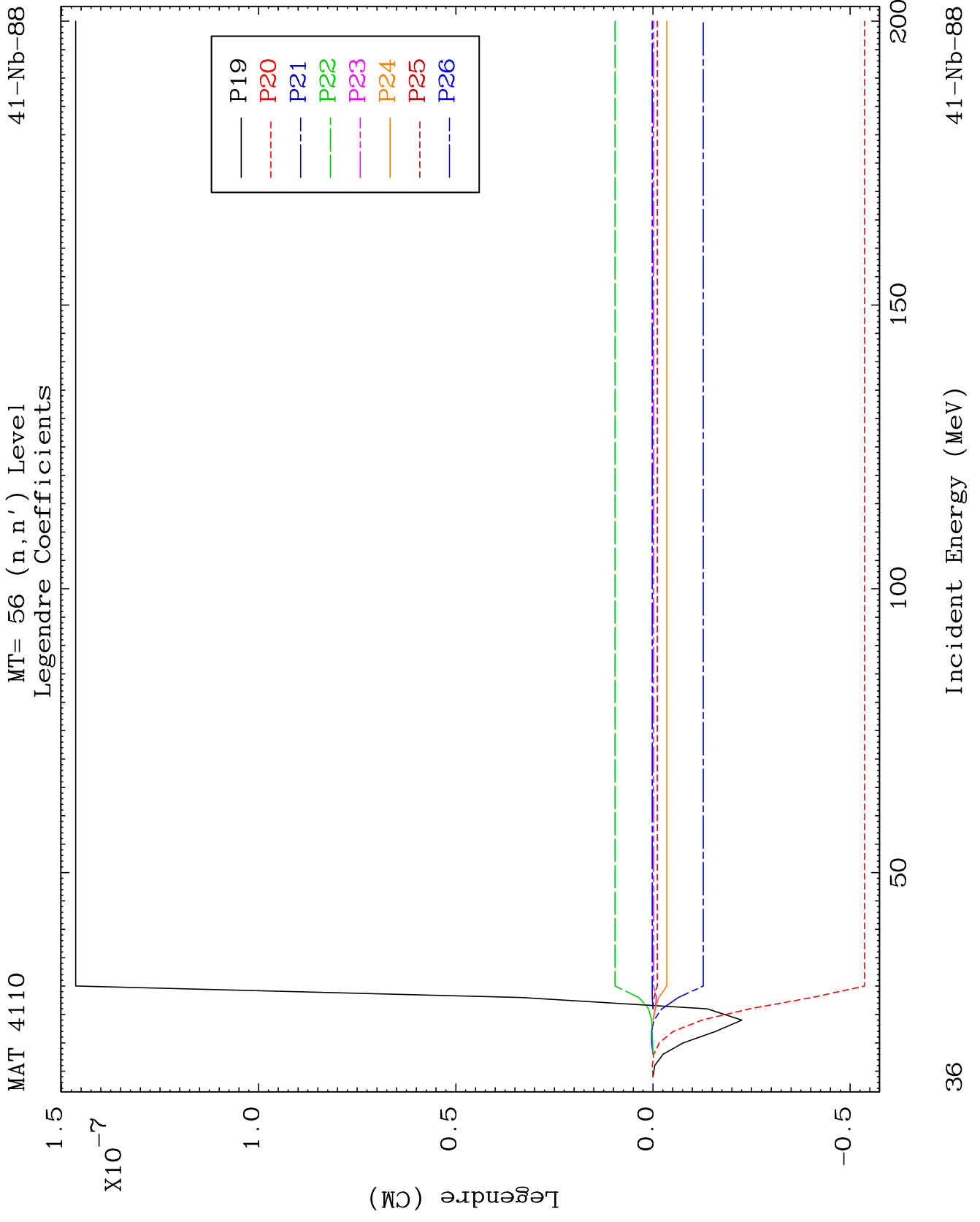
41-Nb-88



35

Incident Energy (MeV)

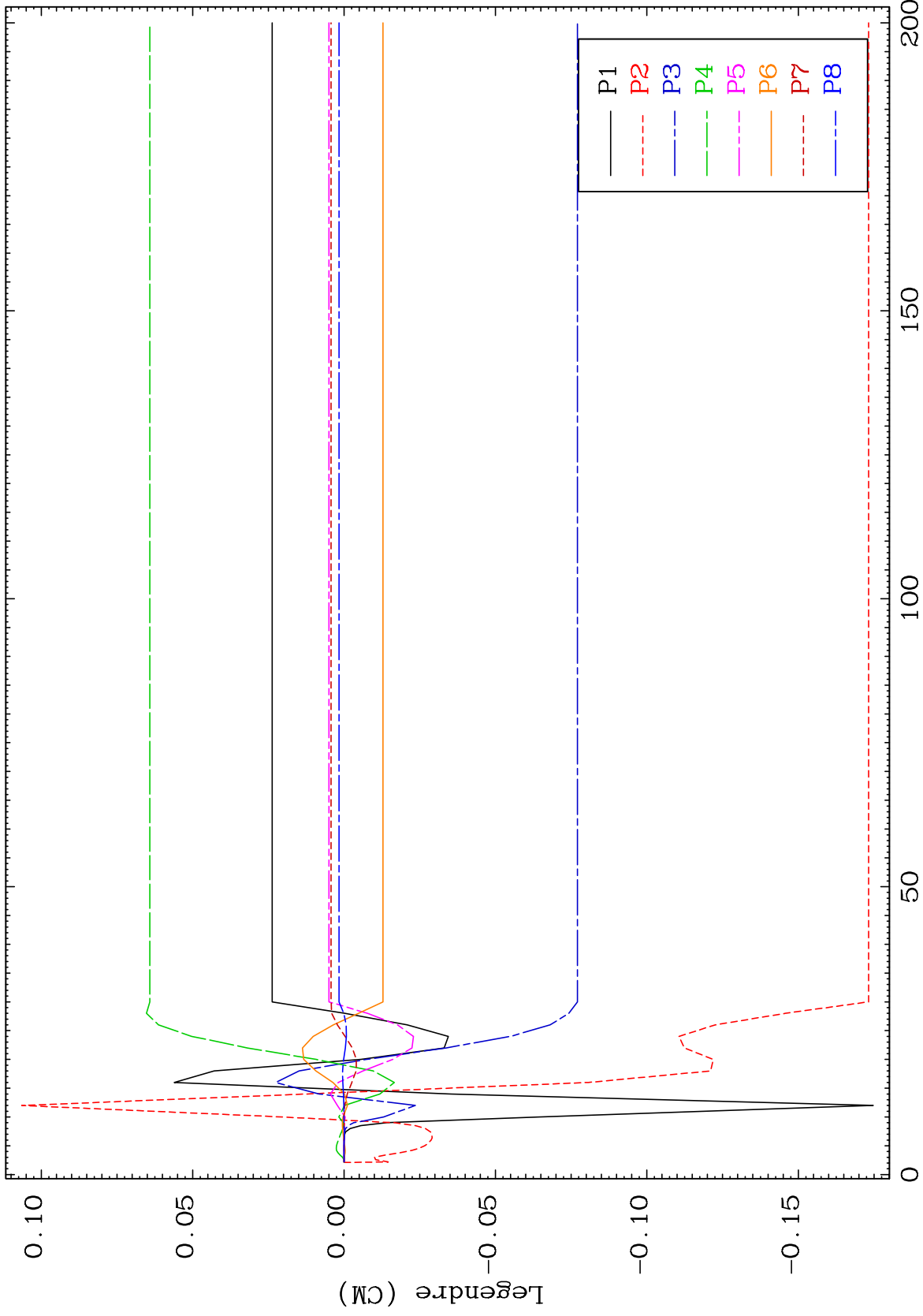
41-Nb-88



MAT 4110

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

41-Nb-88



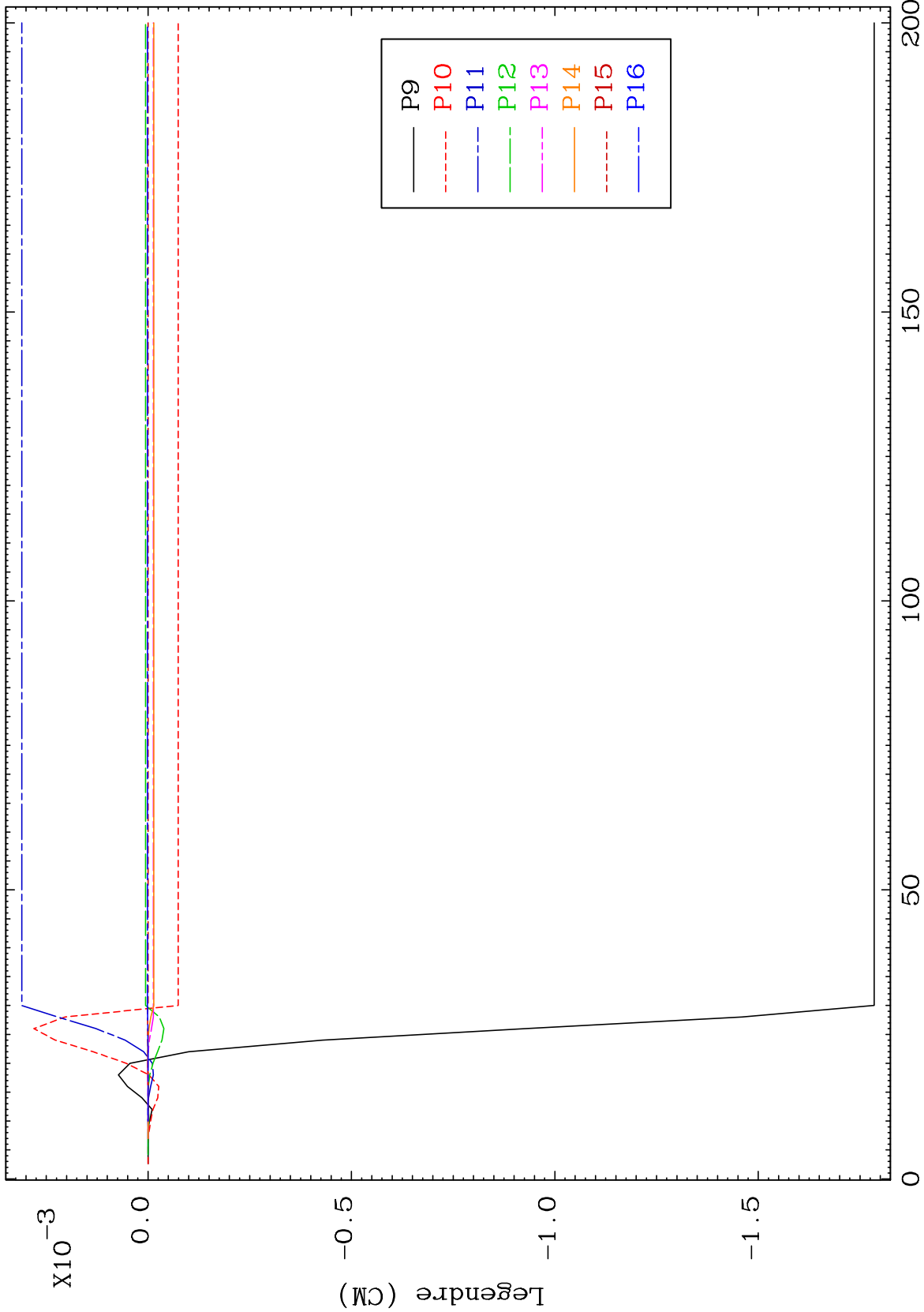
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41-Nb-88

MAT 4110

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

41-Nb-88



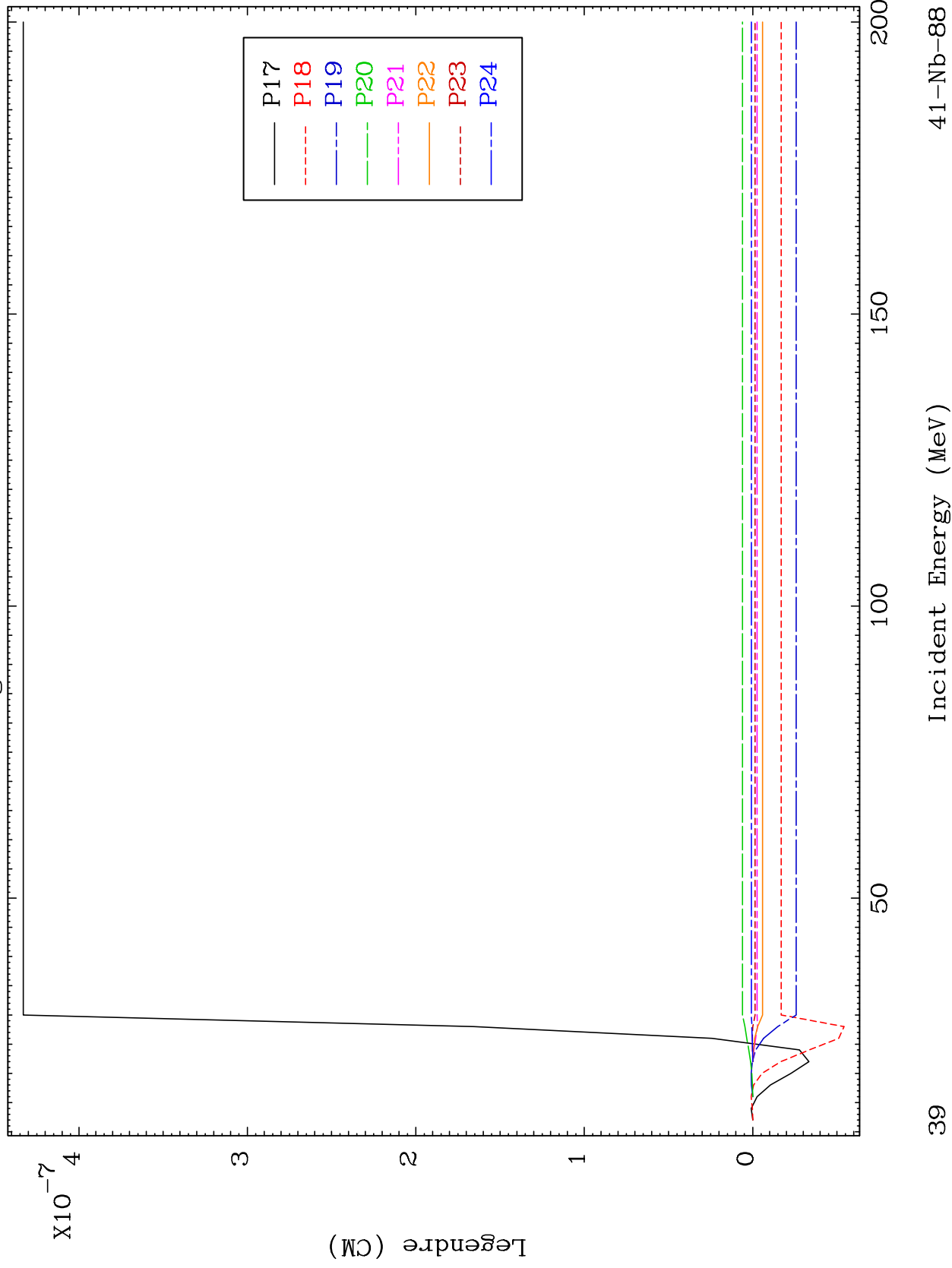
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41-Nb-88

MAT 4110

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

41-Nb-88



39

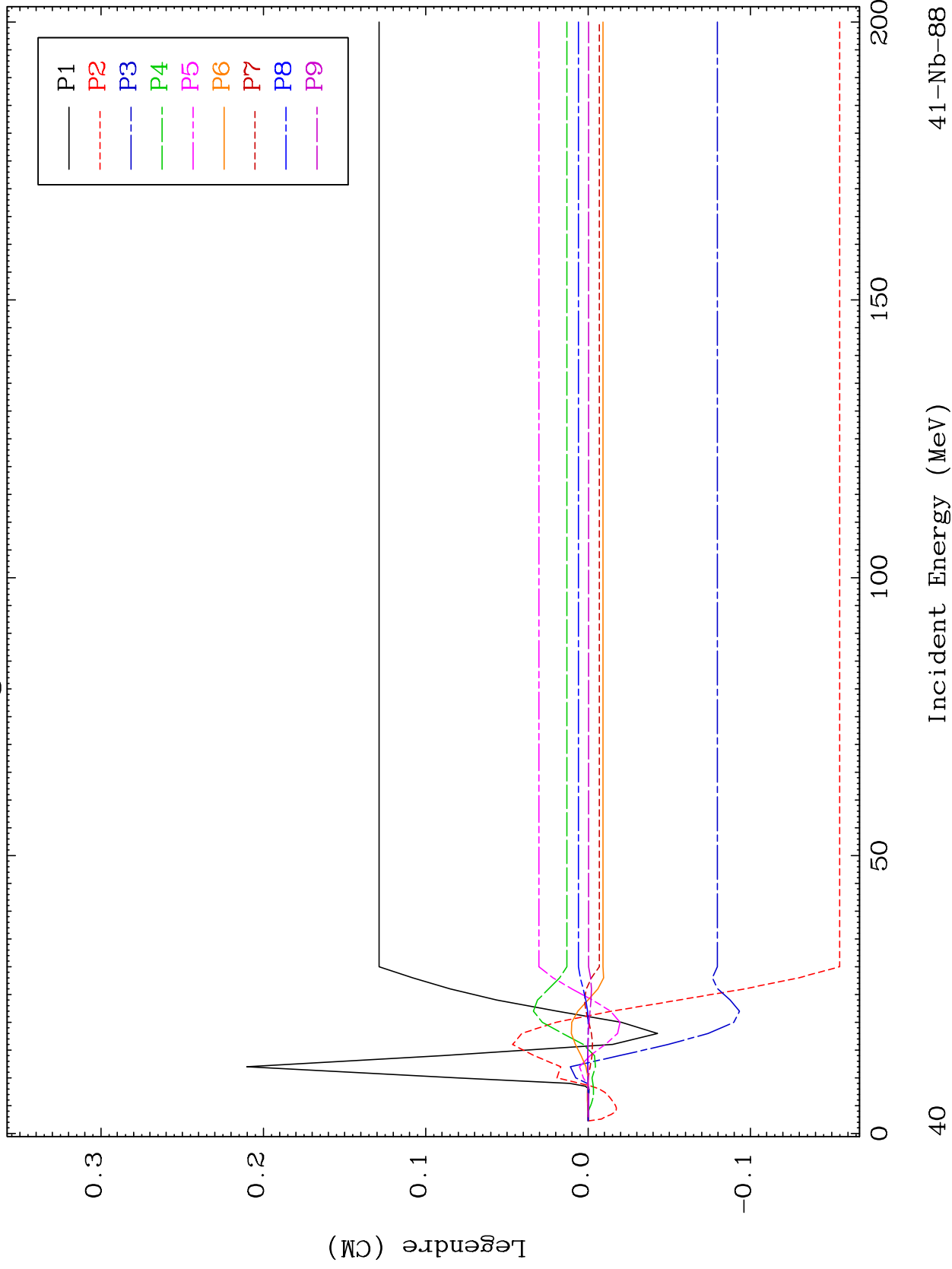
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



41-Nb-88

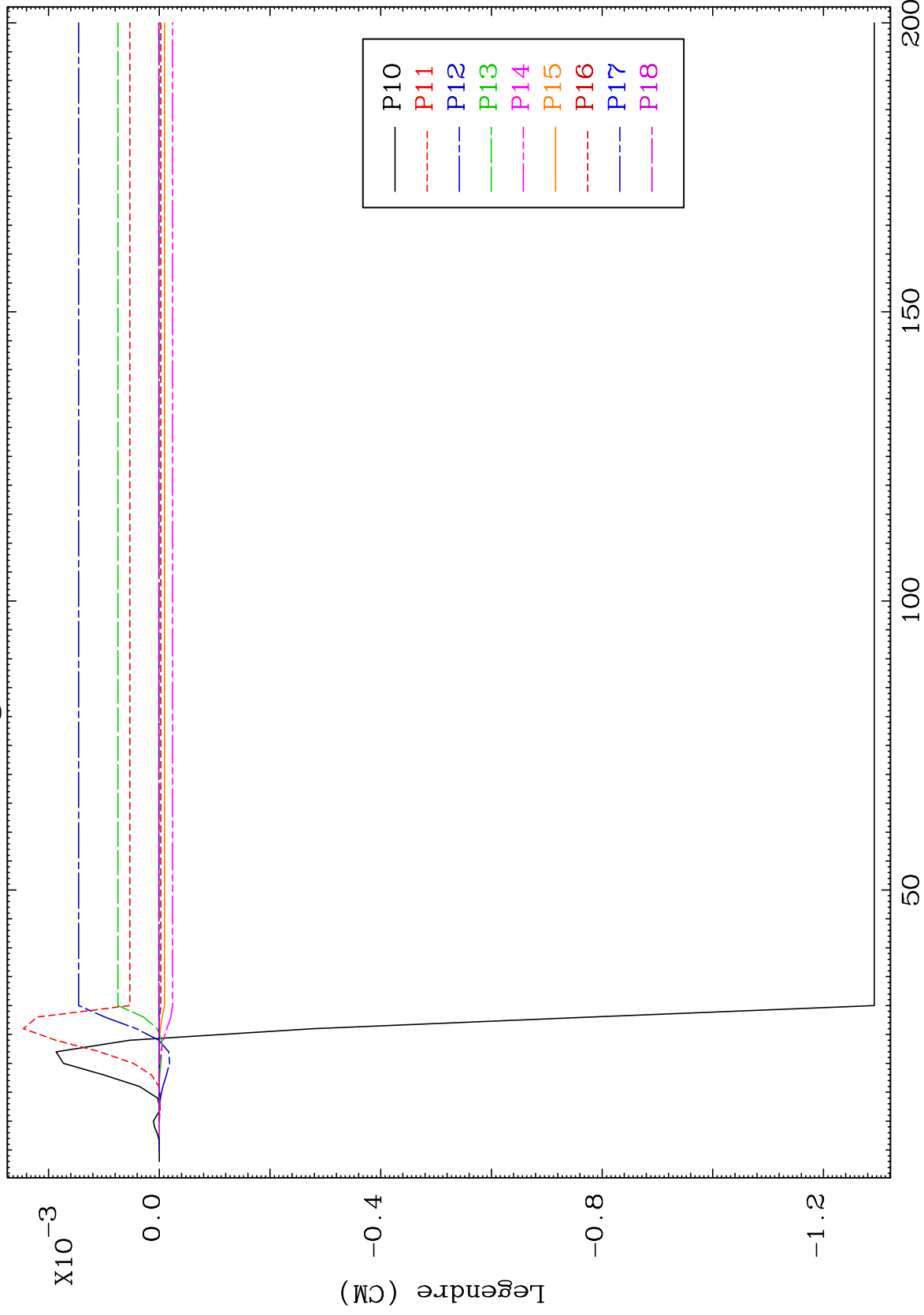
Incident Energy (MeV)

40

MAT 4110

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

41-Nb-88



41

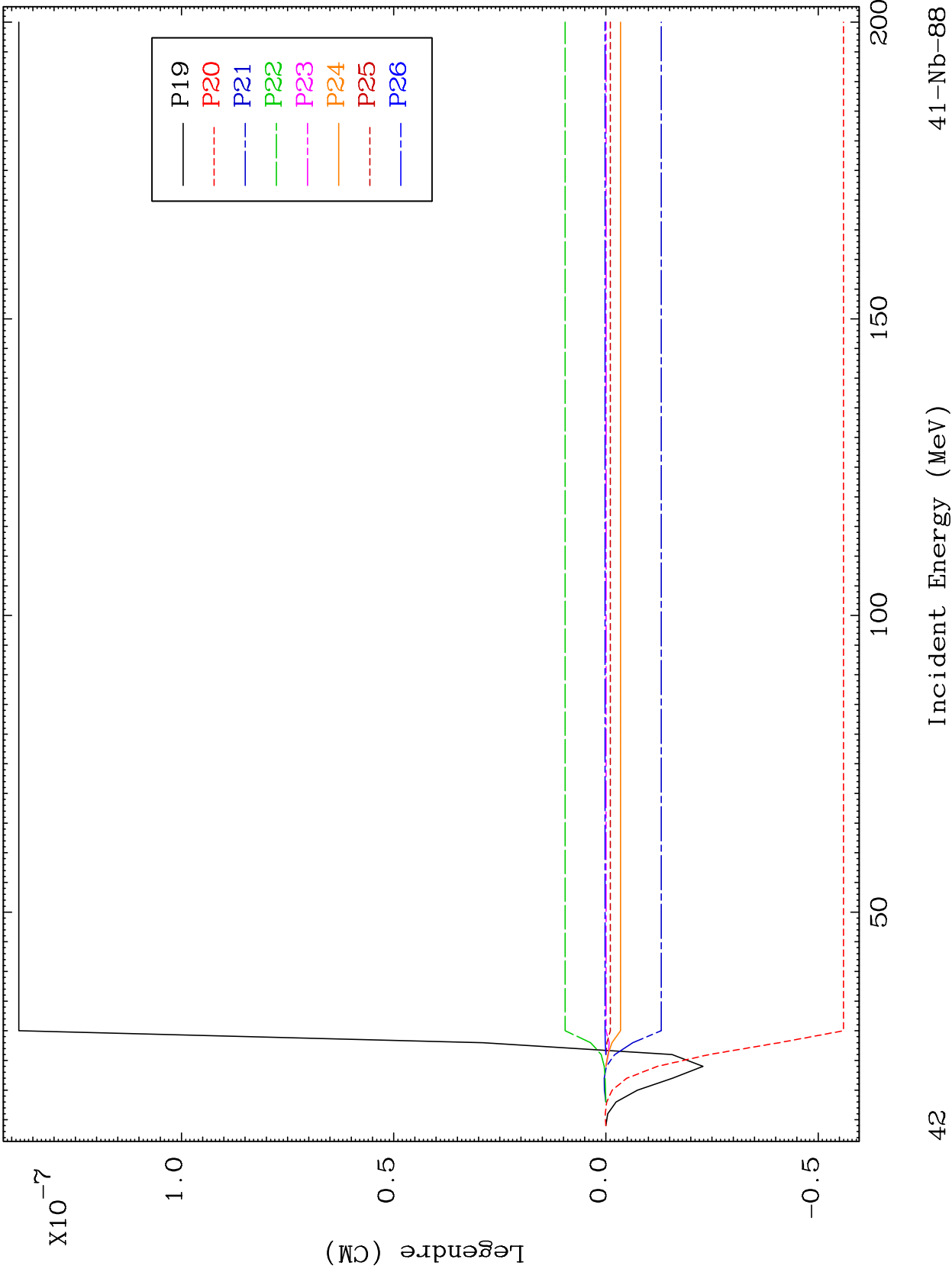
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

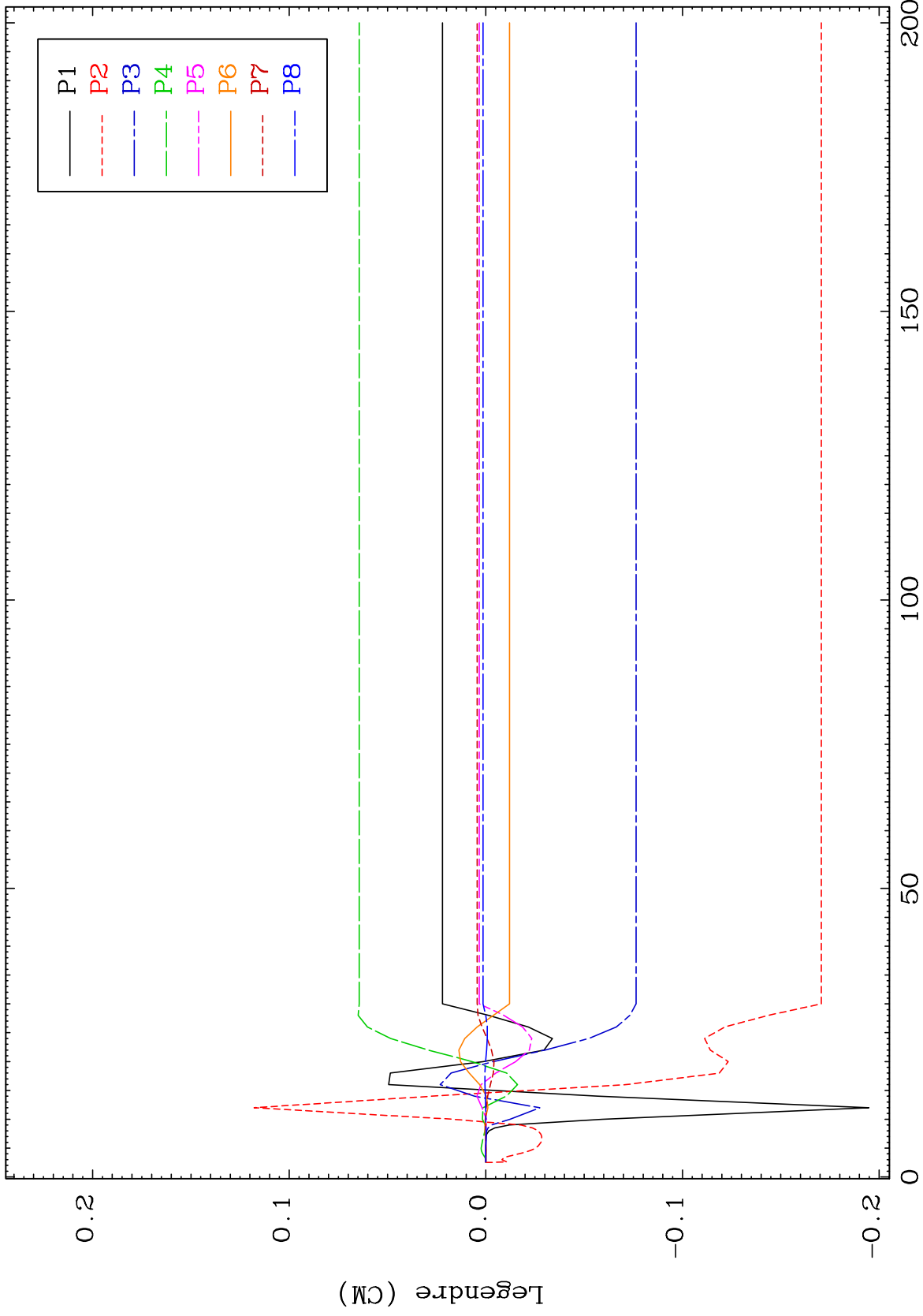
41-Nb-88



MAT 4110

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

41-Nb-88



43

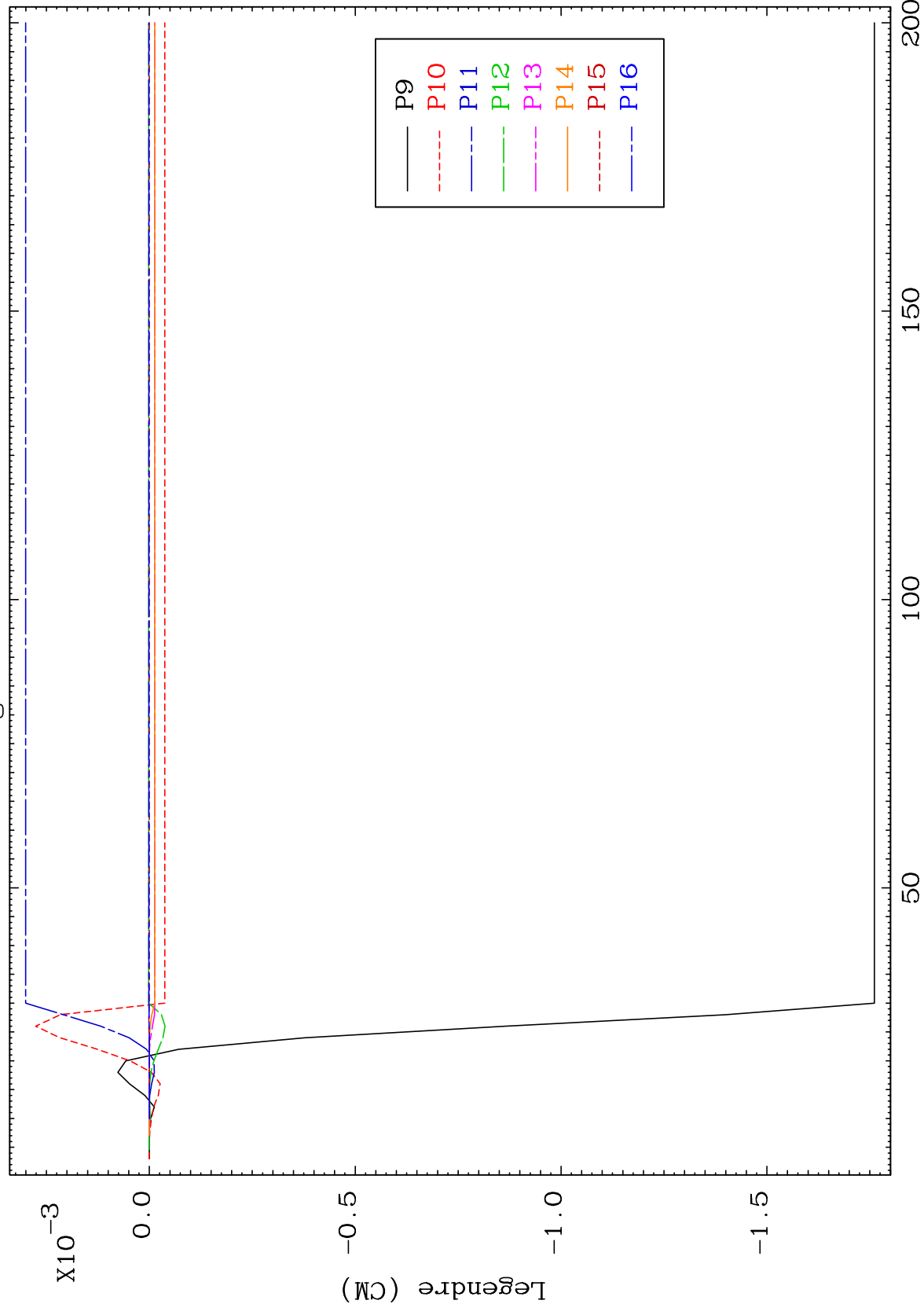
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



44

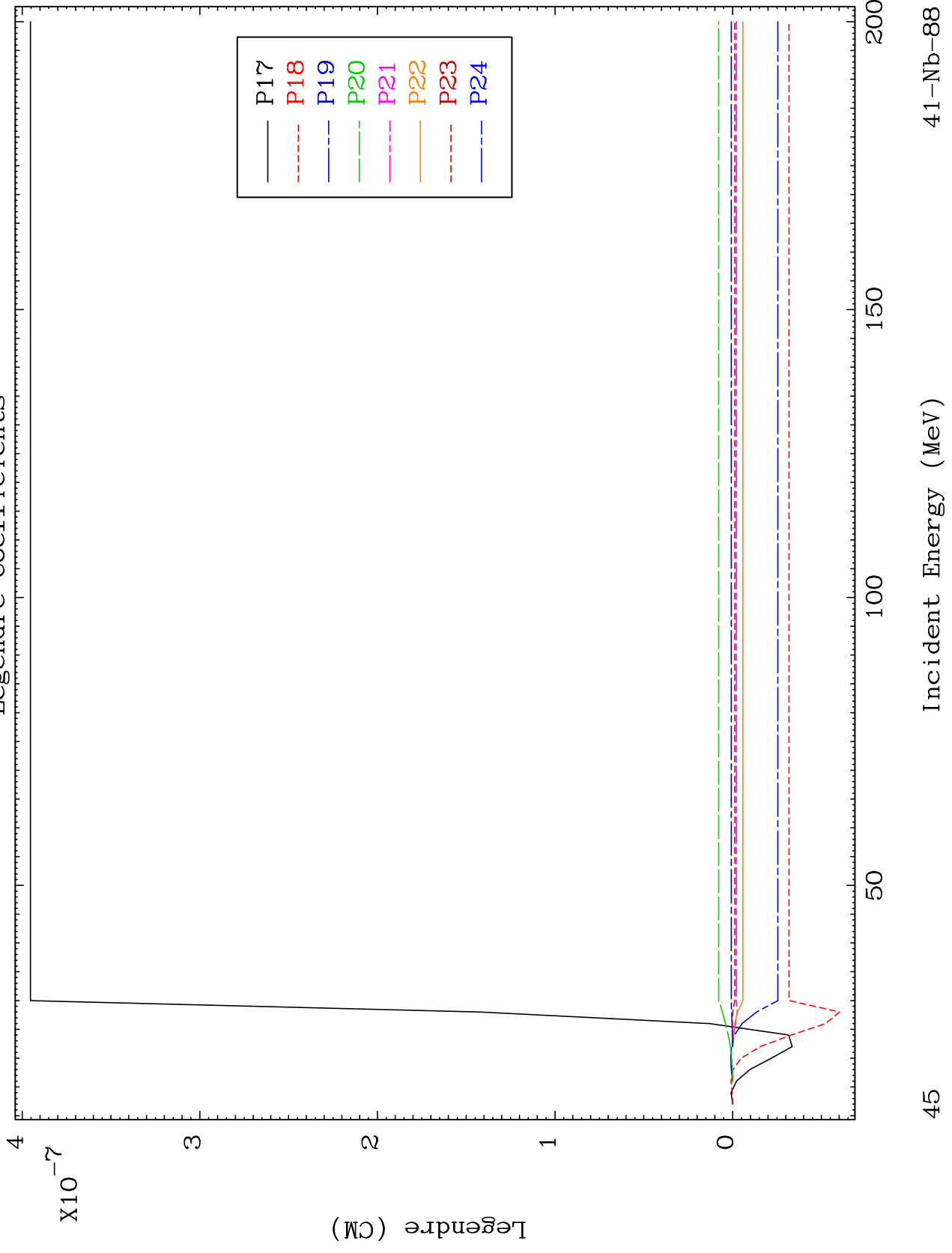
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

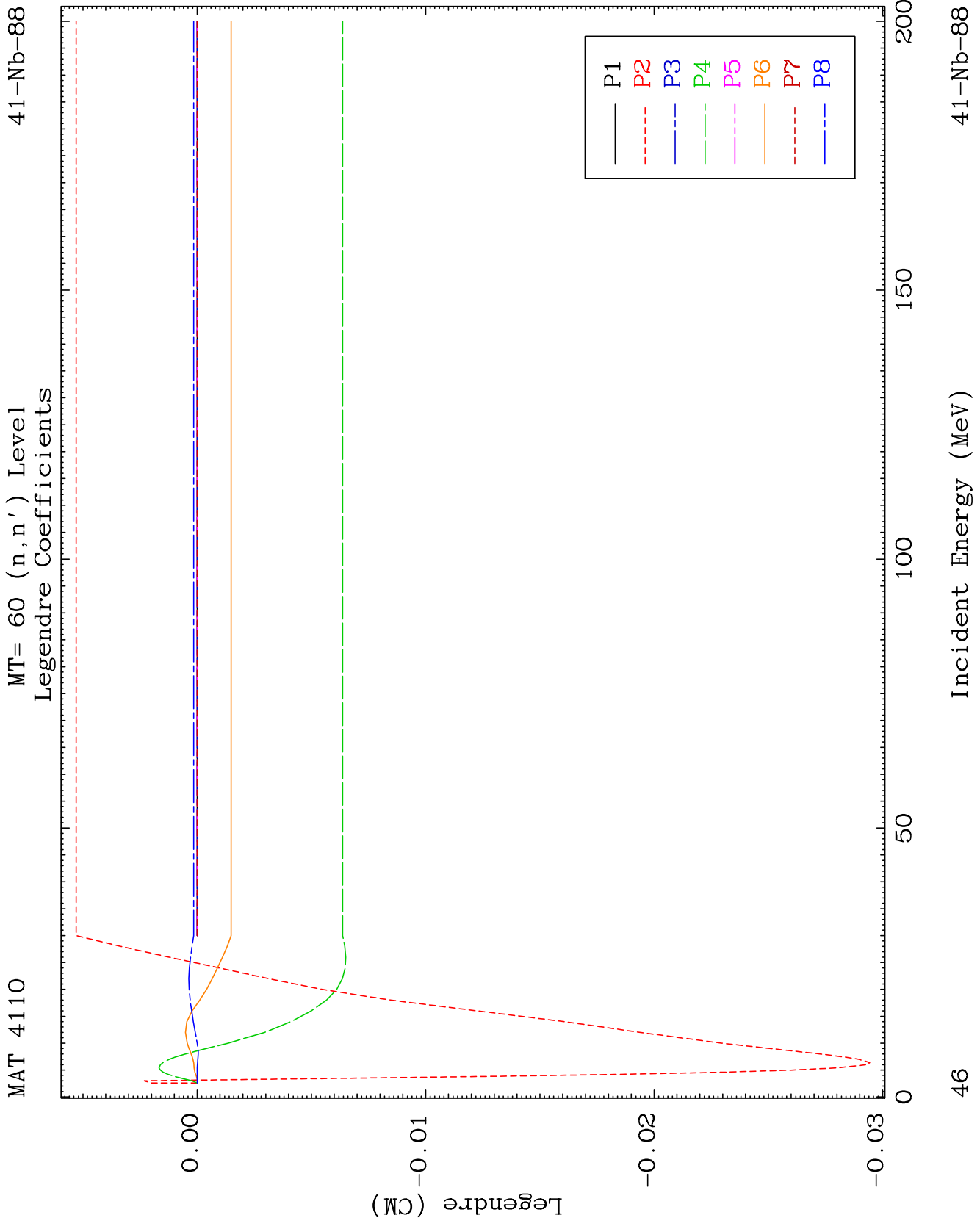
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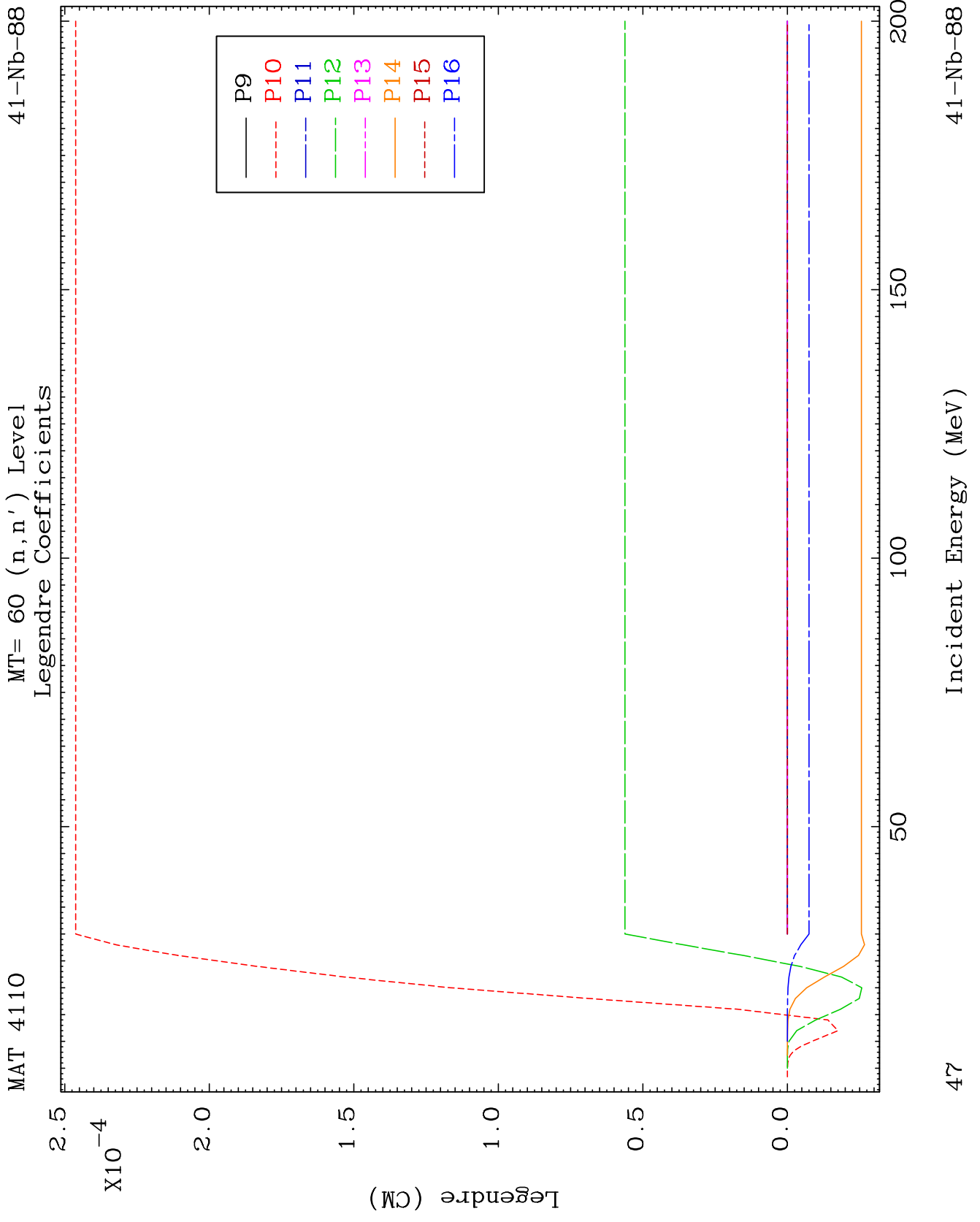


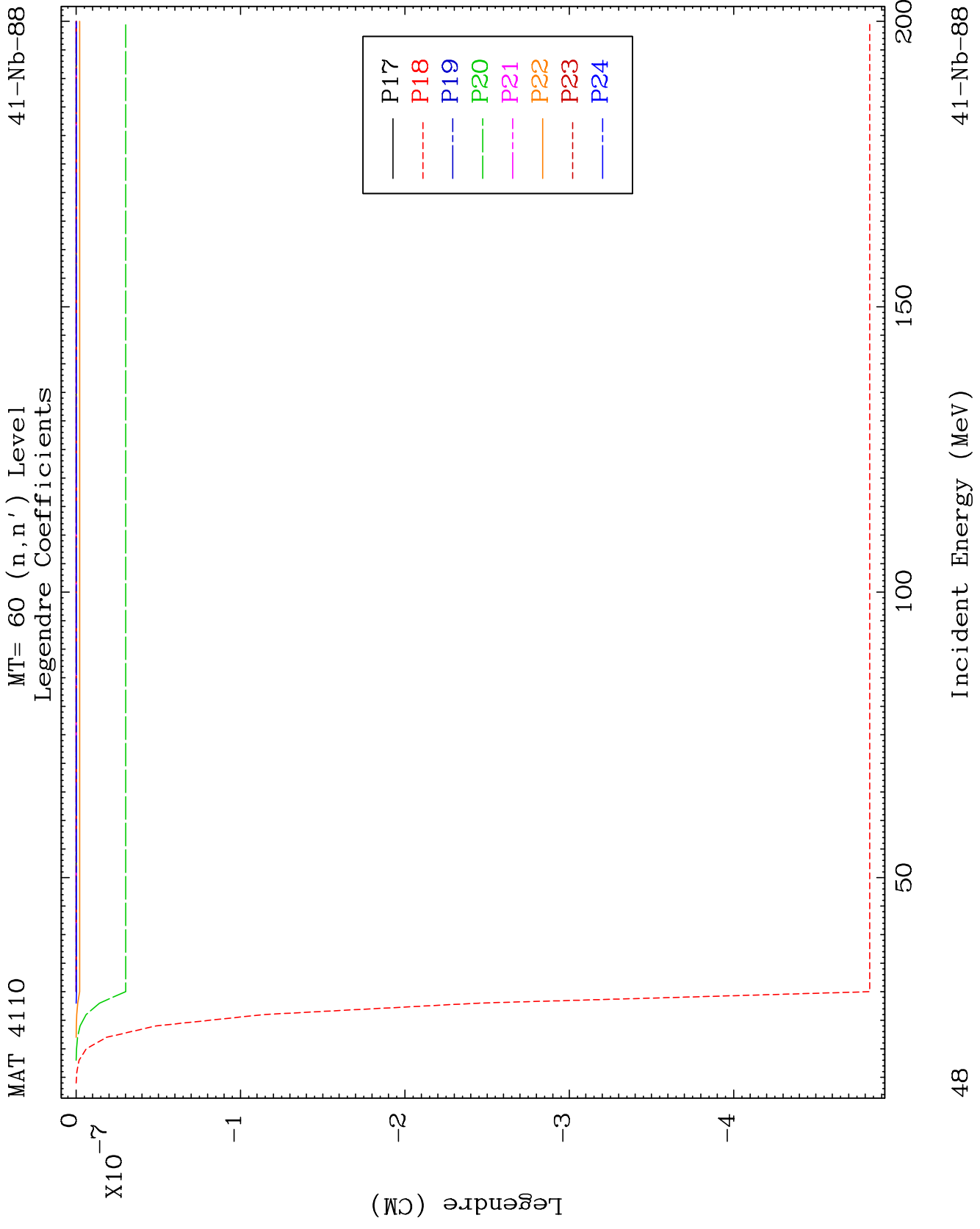
41-Nb-88

Incident Energy (MeV)

45



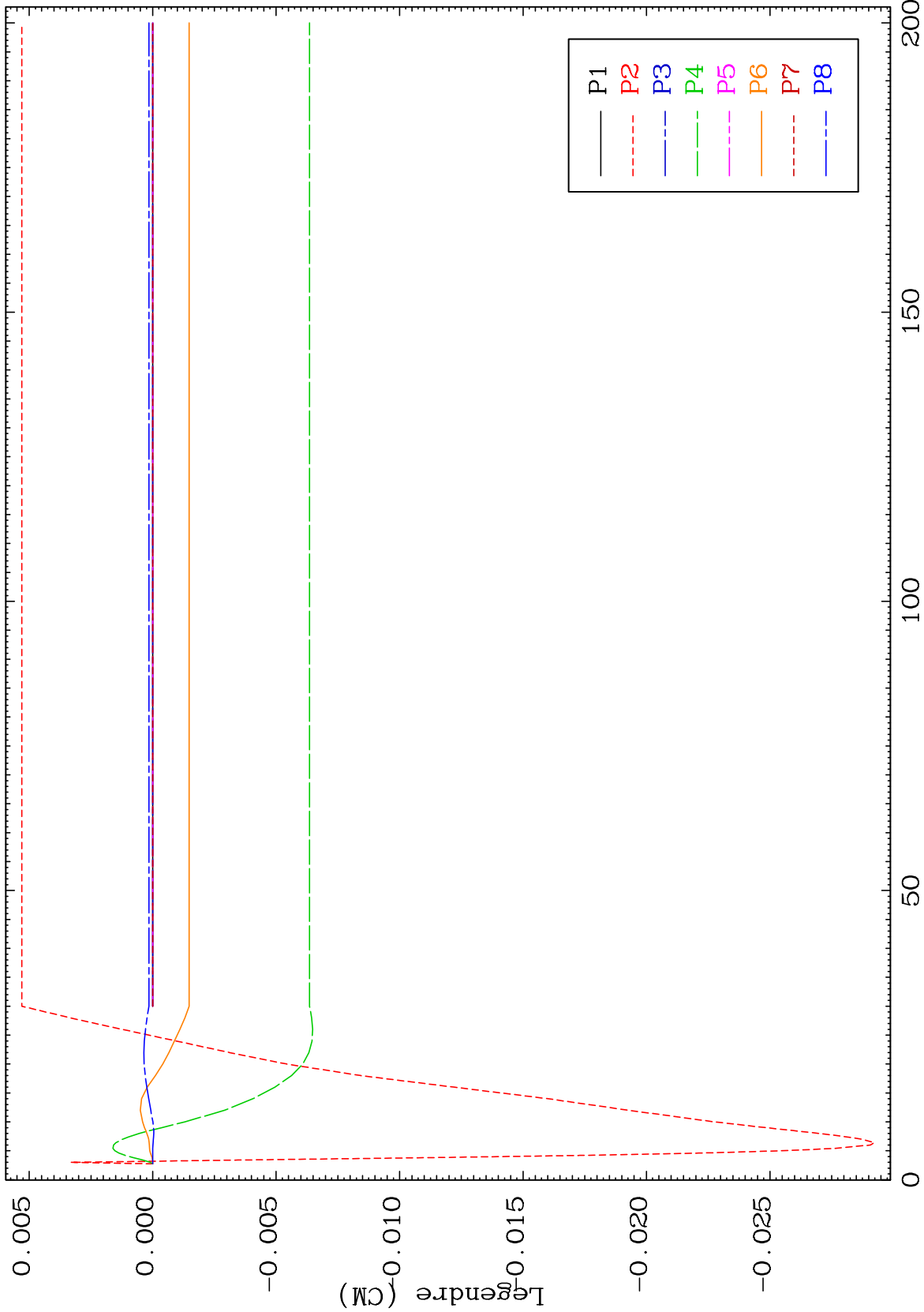




MAT 4110

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

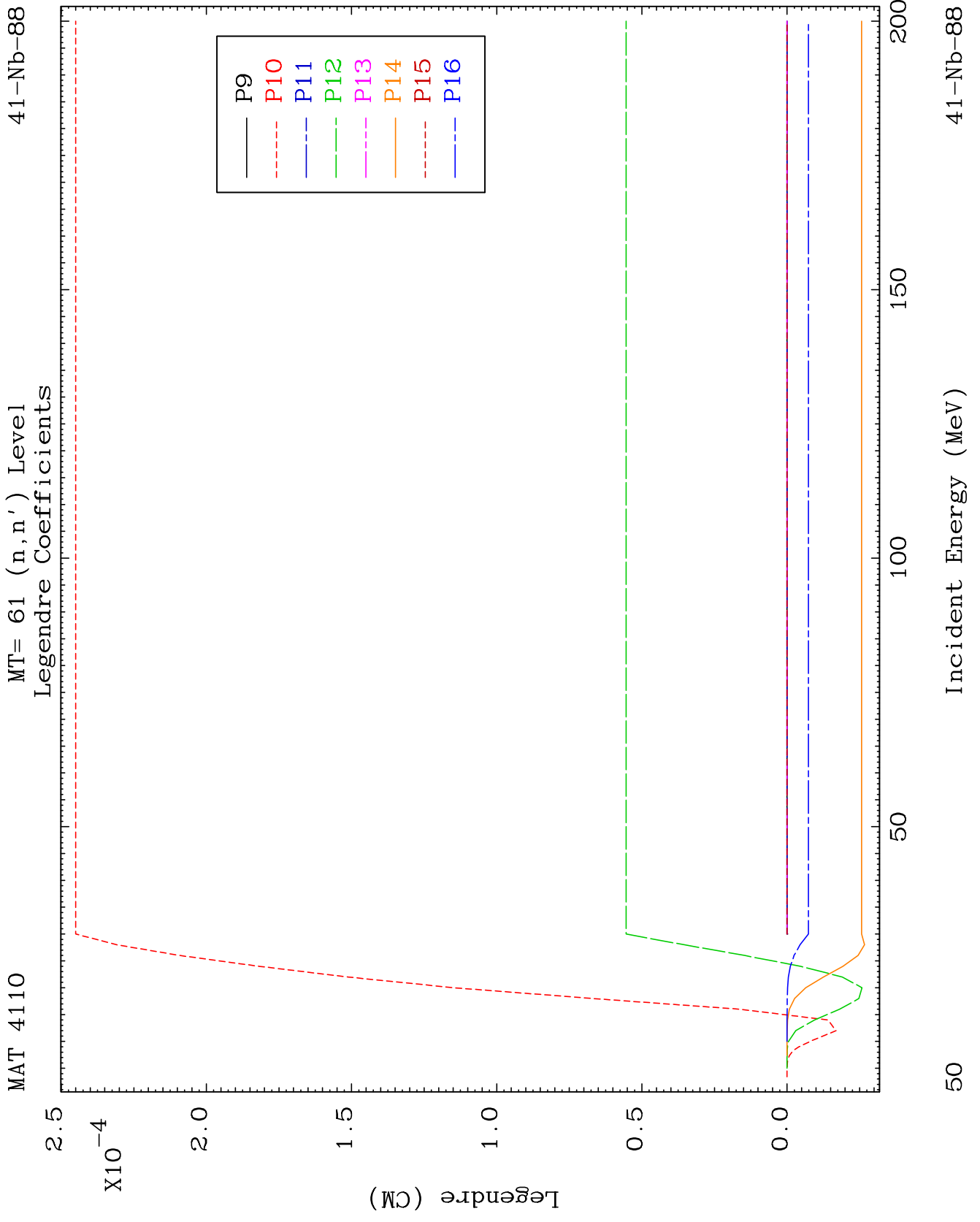
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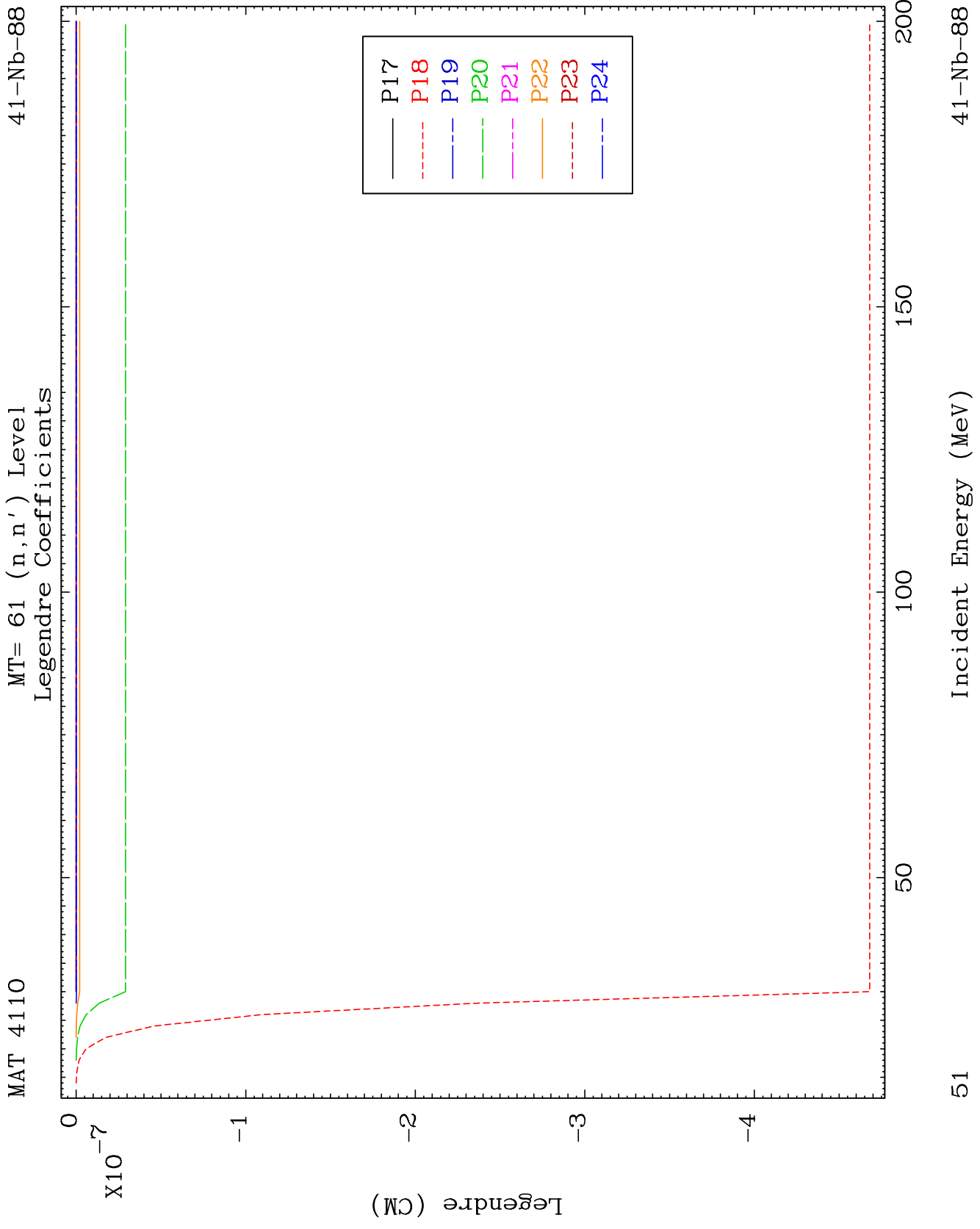


49

Incident Energy (MeV)

41-Nb-88

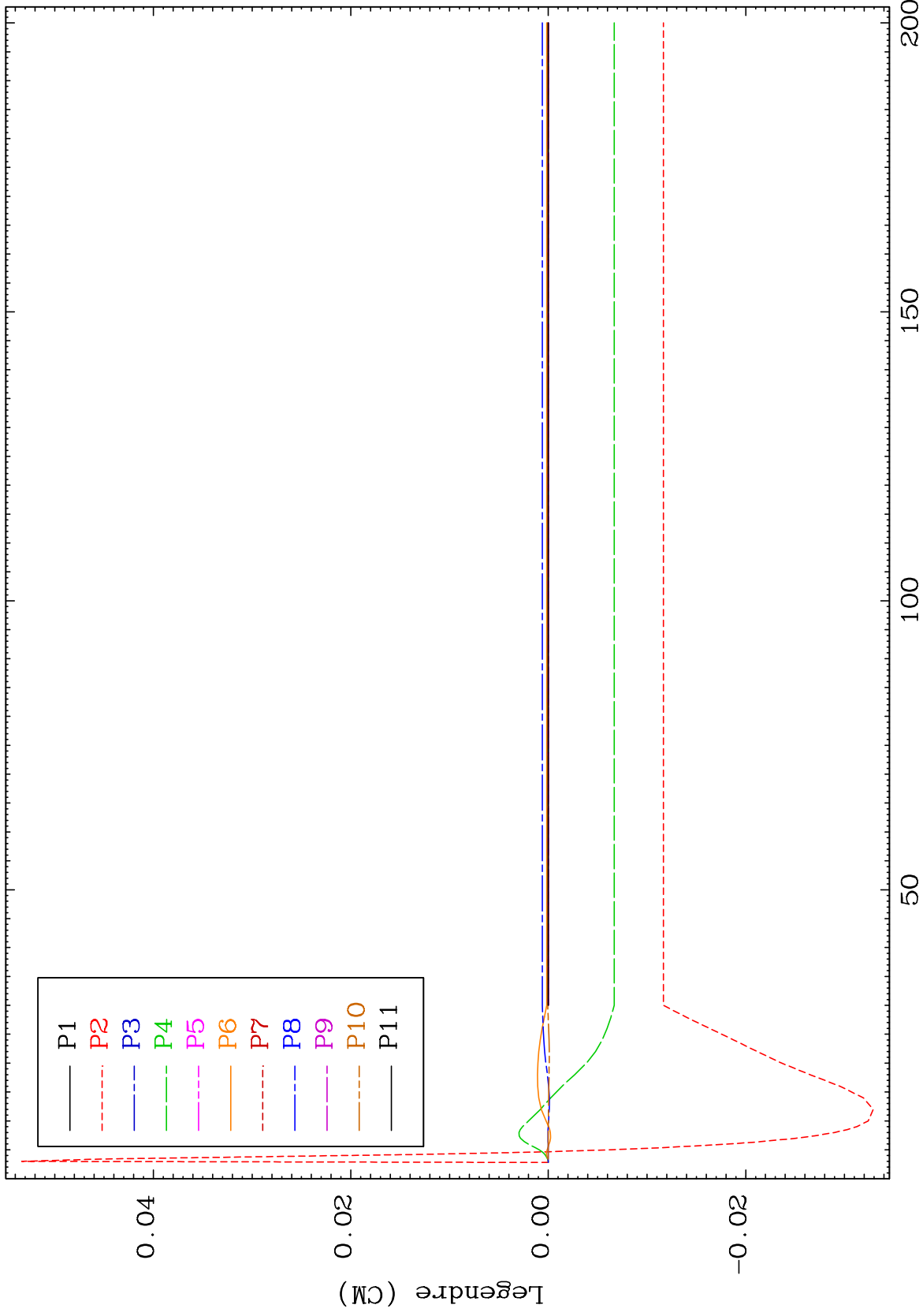




MAT 4110

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

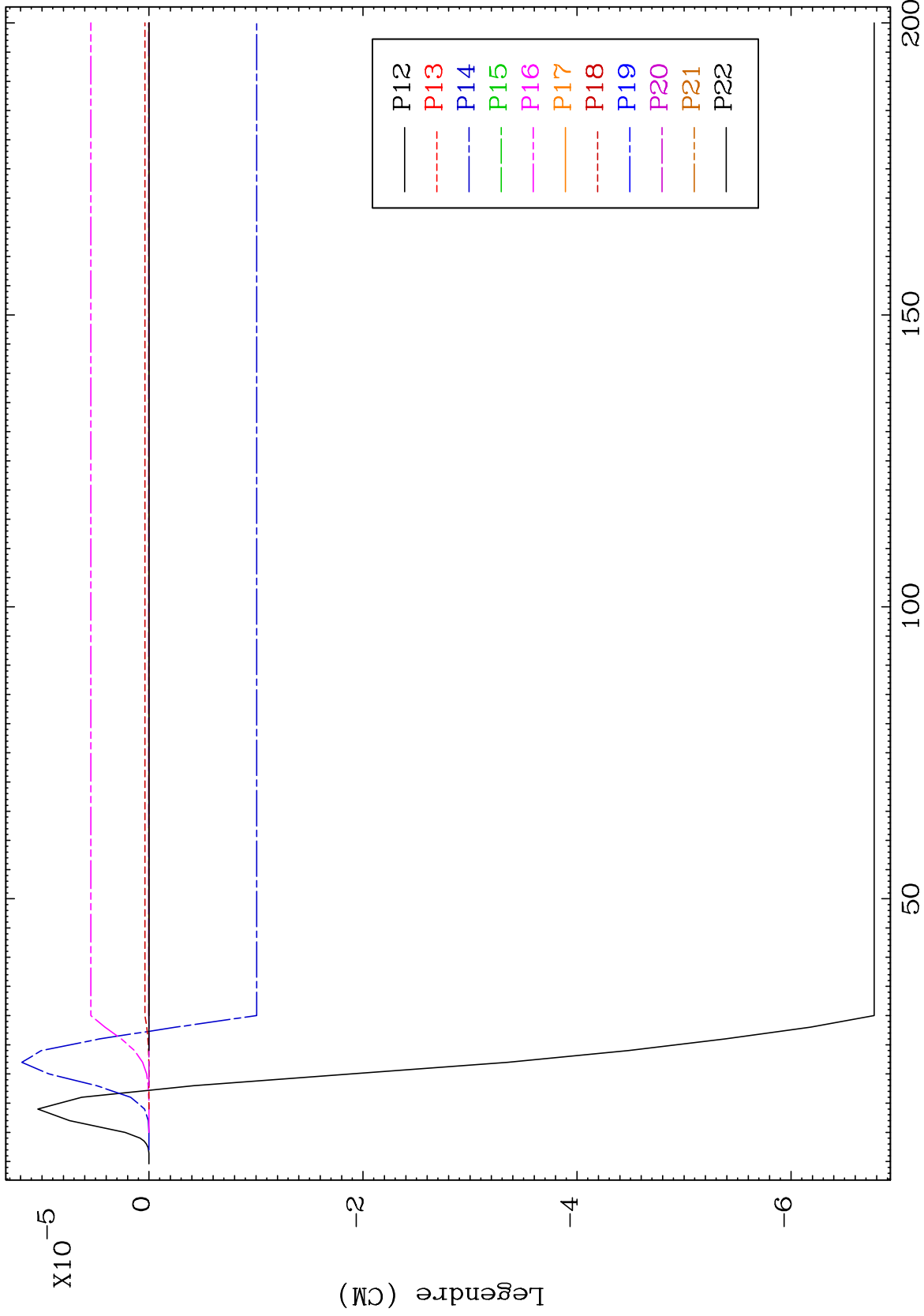
41-Nb-88



52

Incident Energy (MeV)

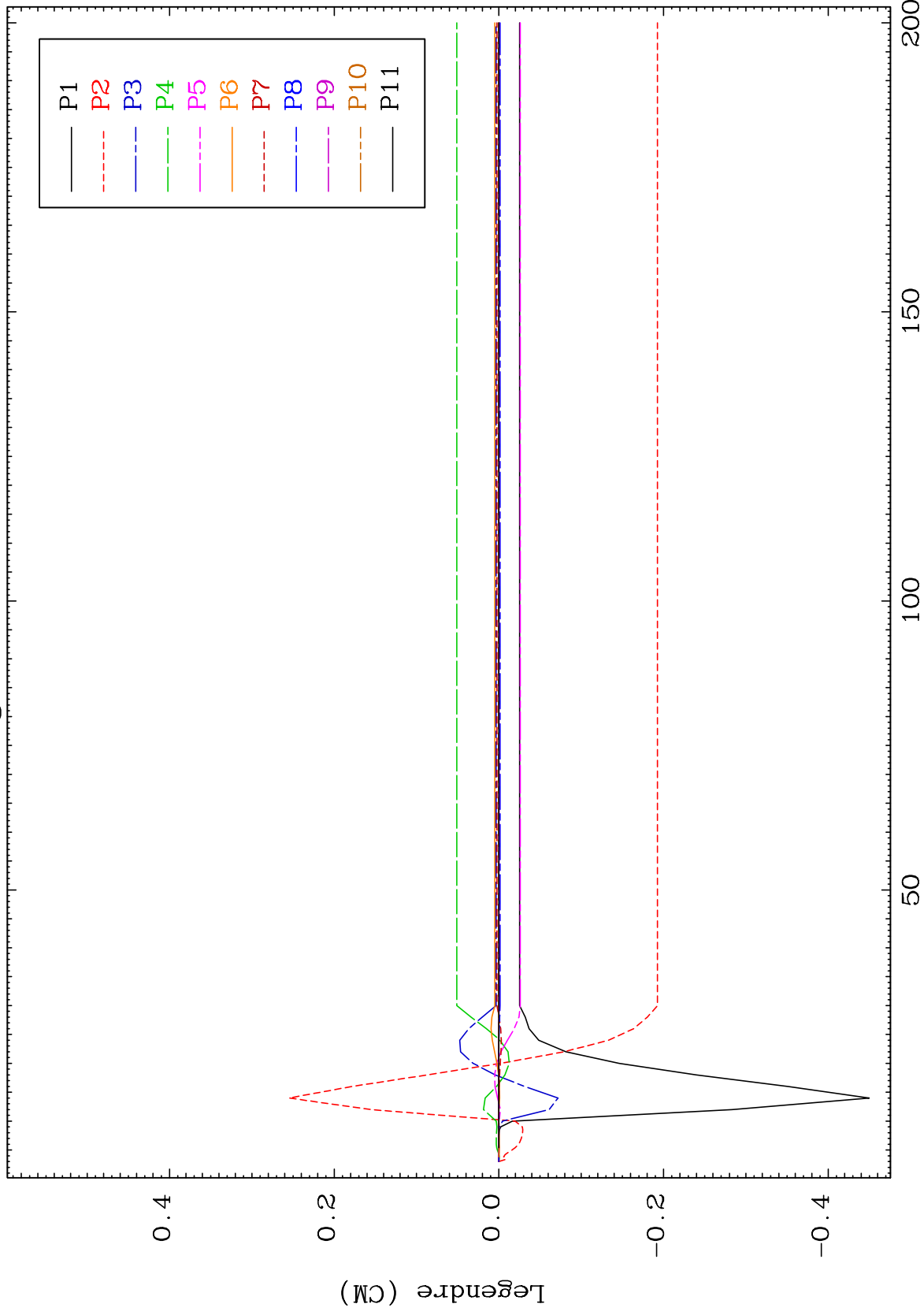
41-Nb-88



MAT 4110

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

41-Nb-88



54

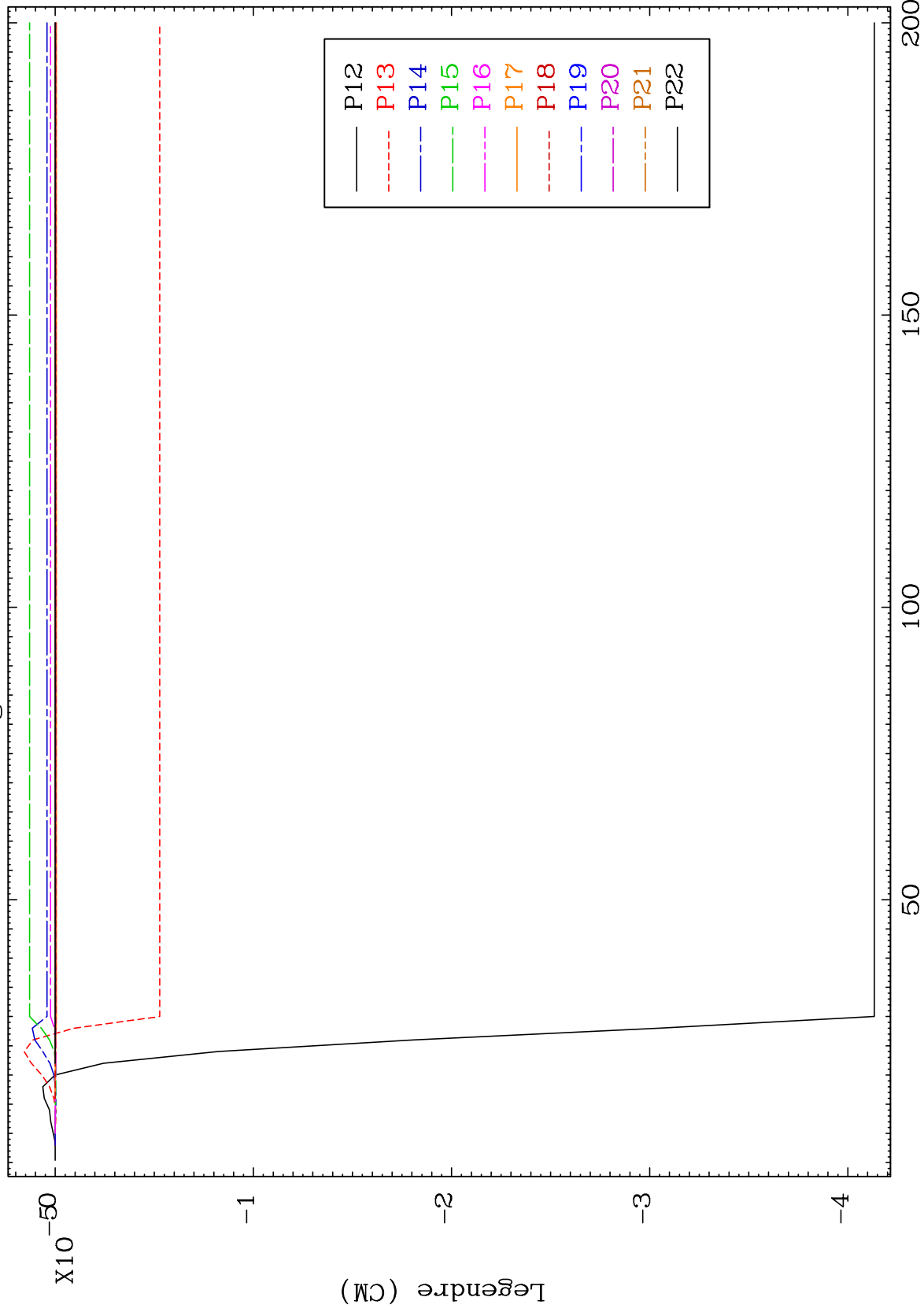
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



55

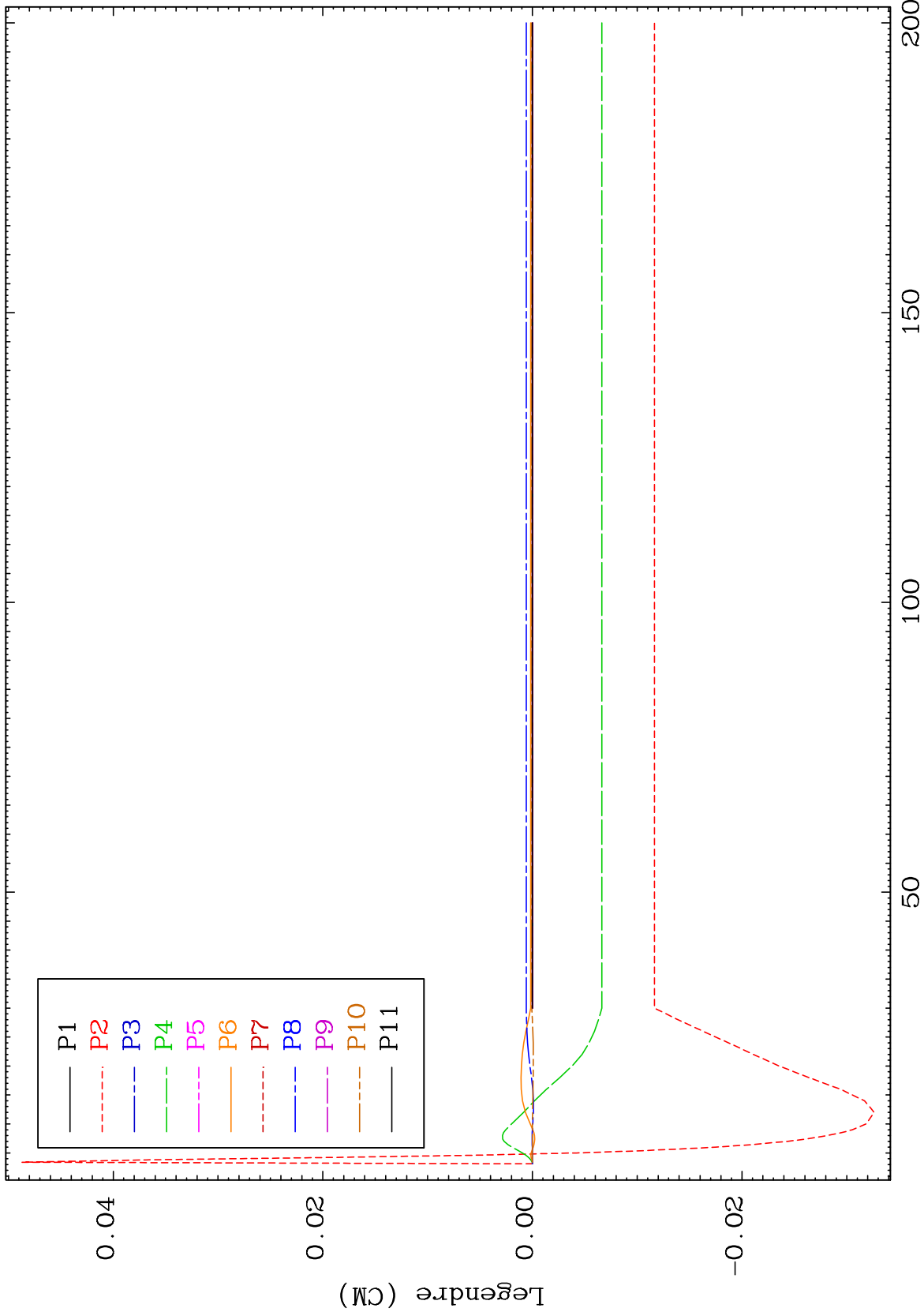
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

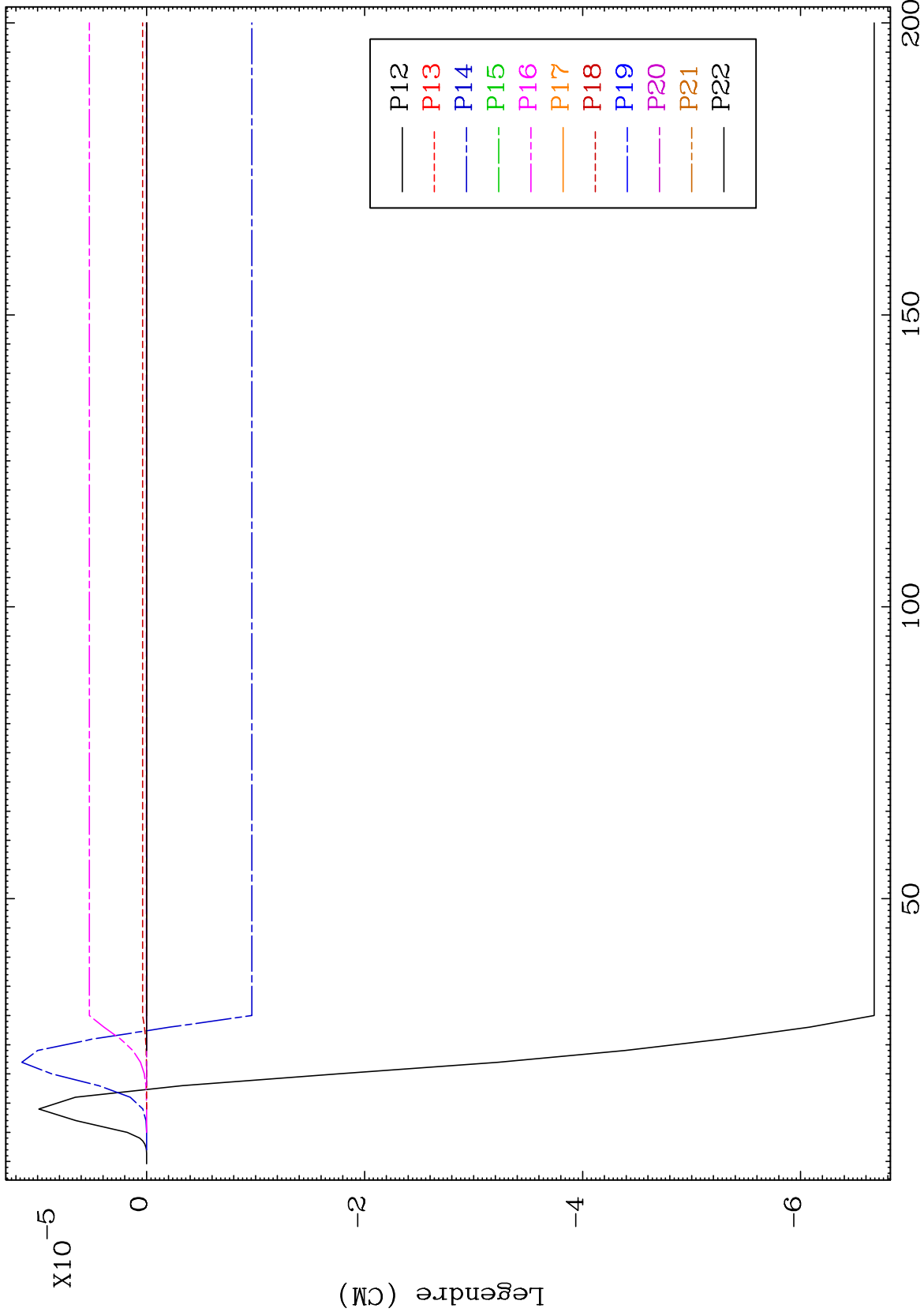
41-Nb-88



56

Incident Energy (MeV)

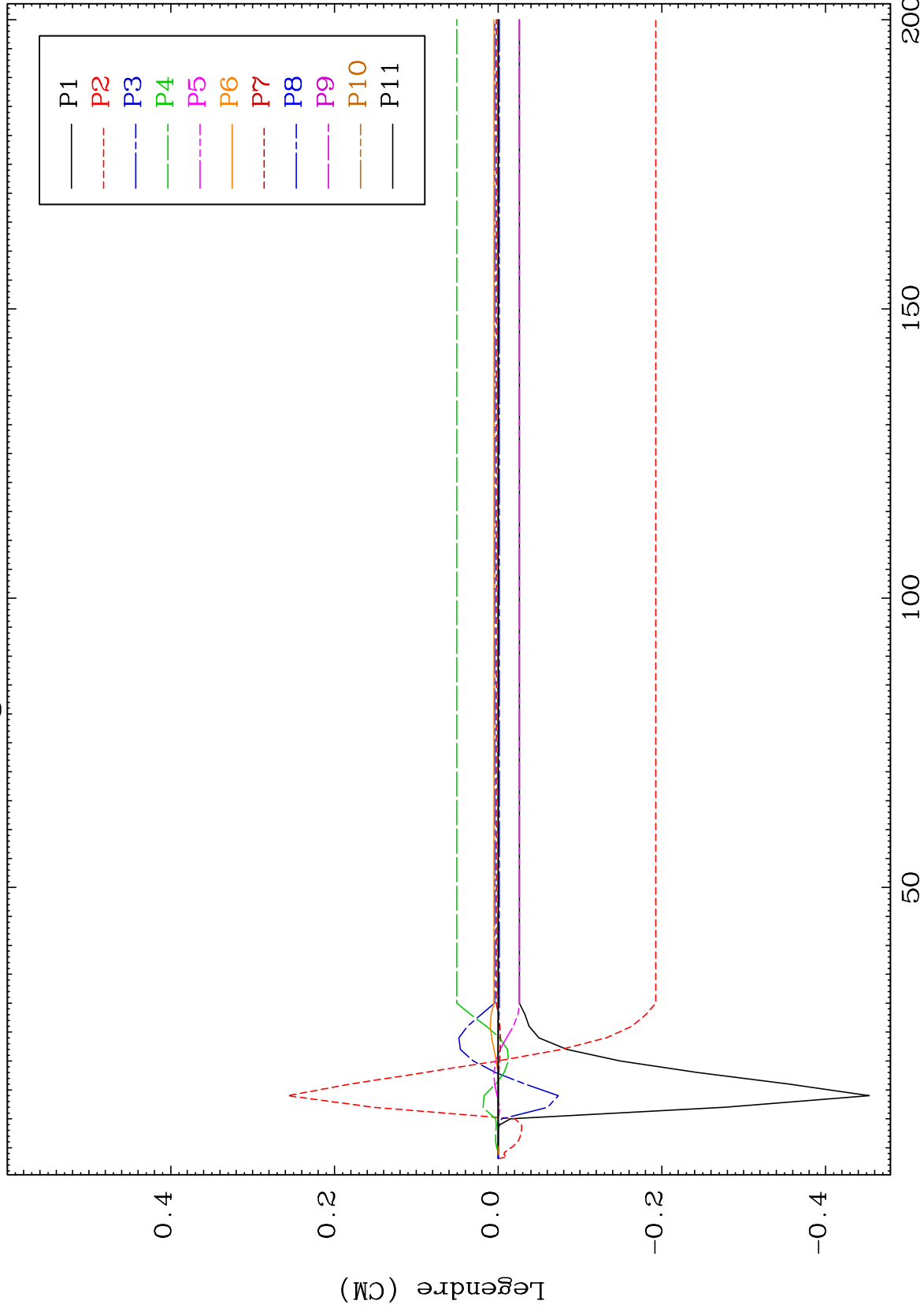
41-Nb-88



MAT 4110

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

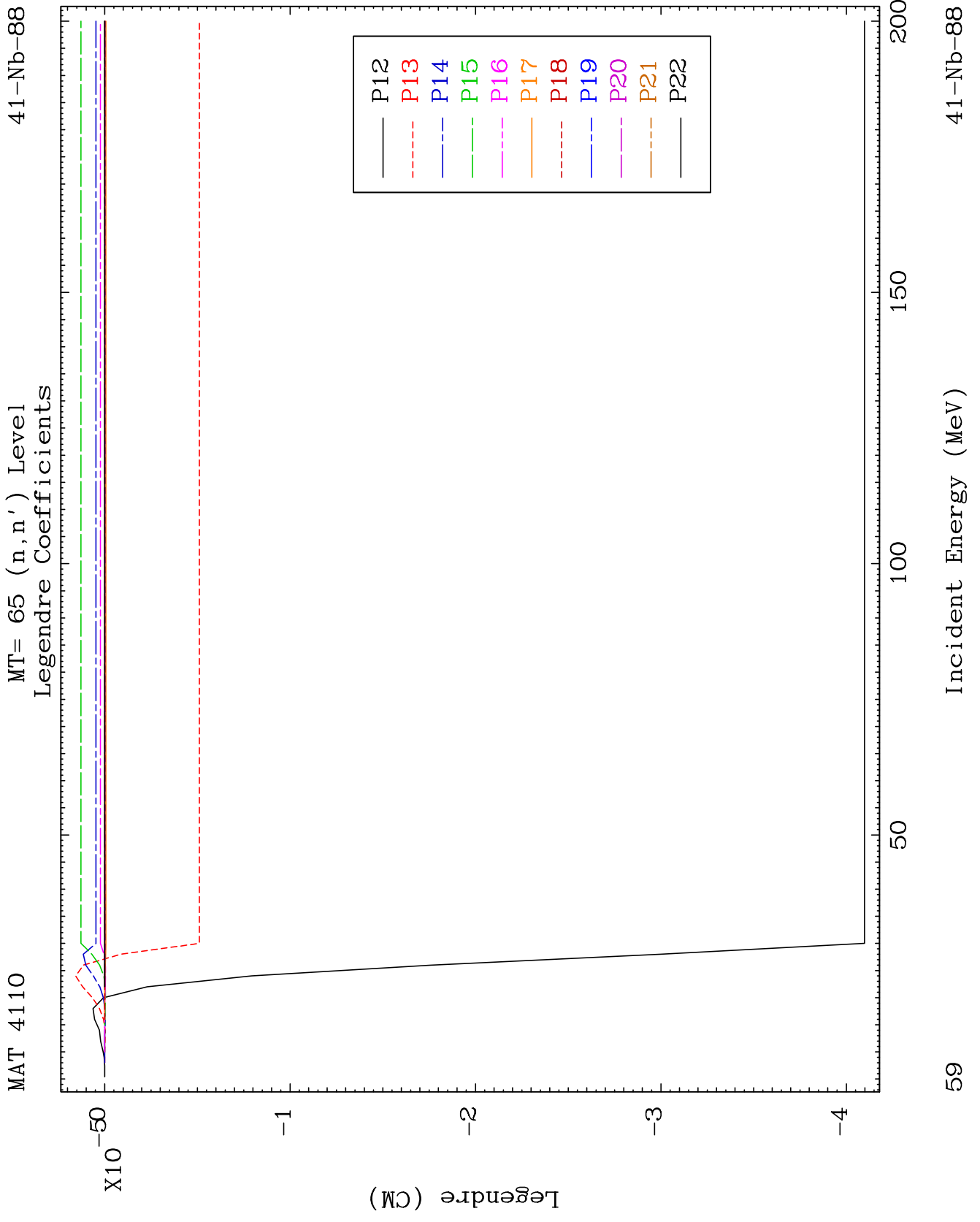
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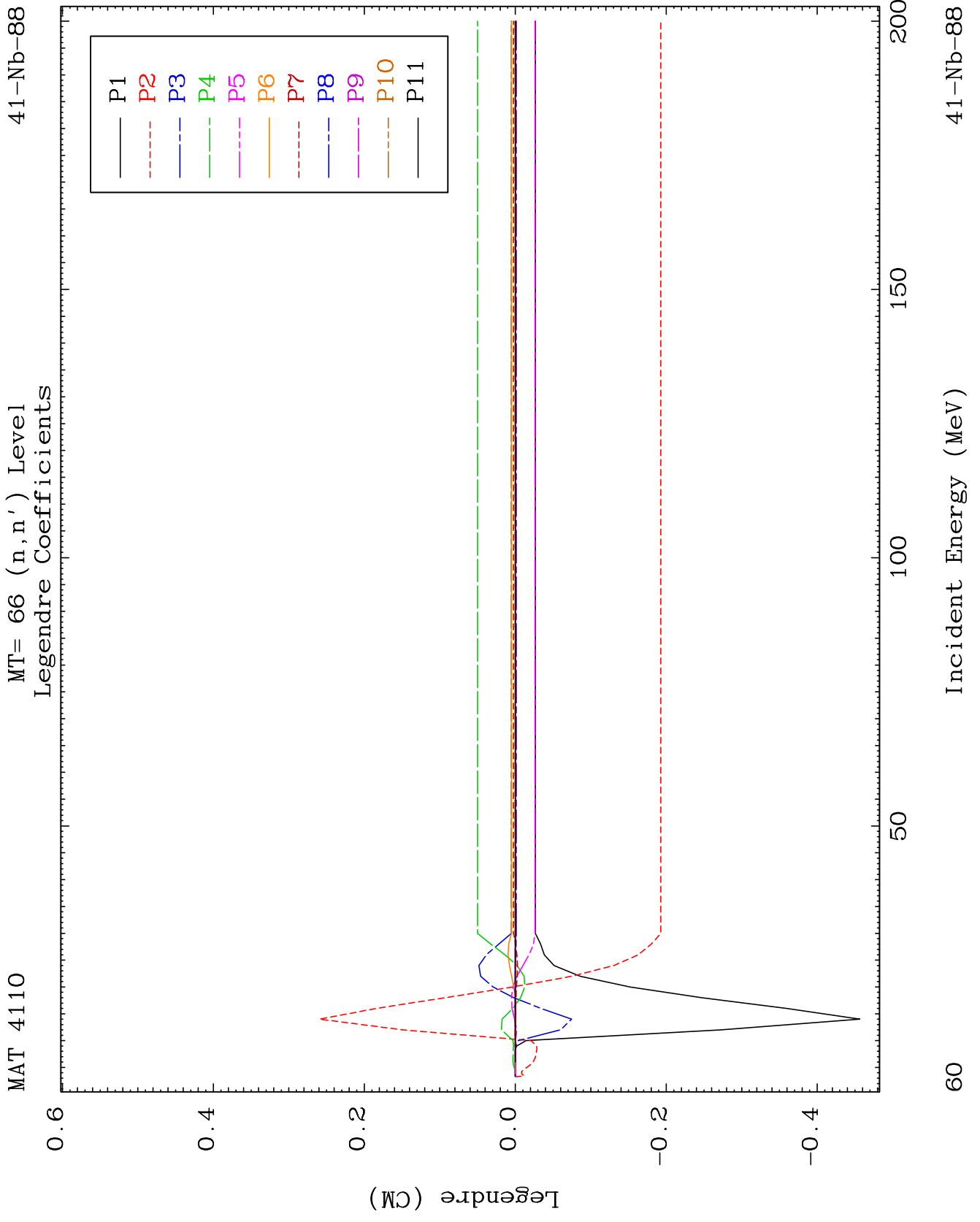


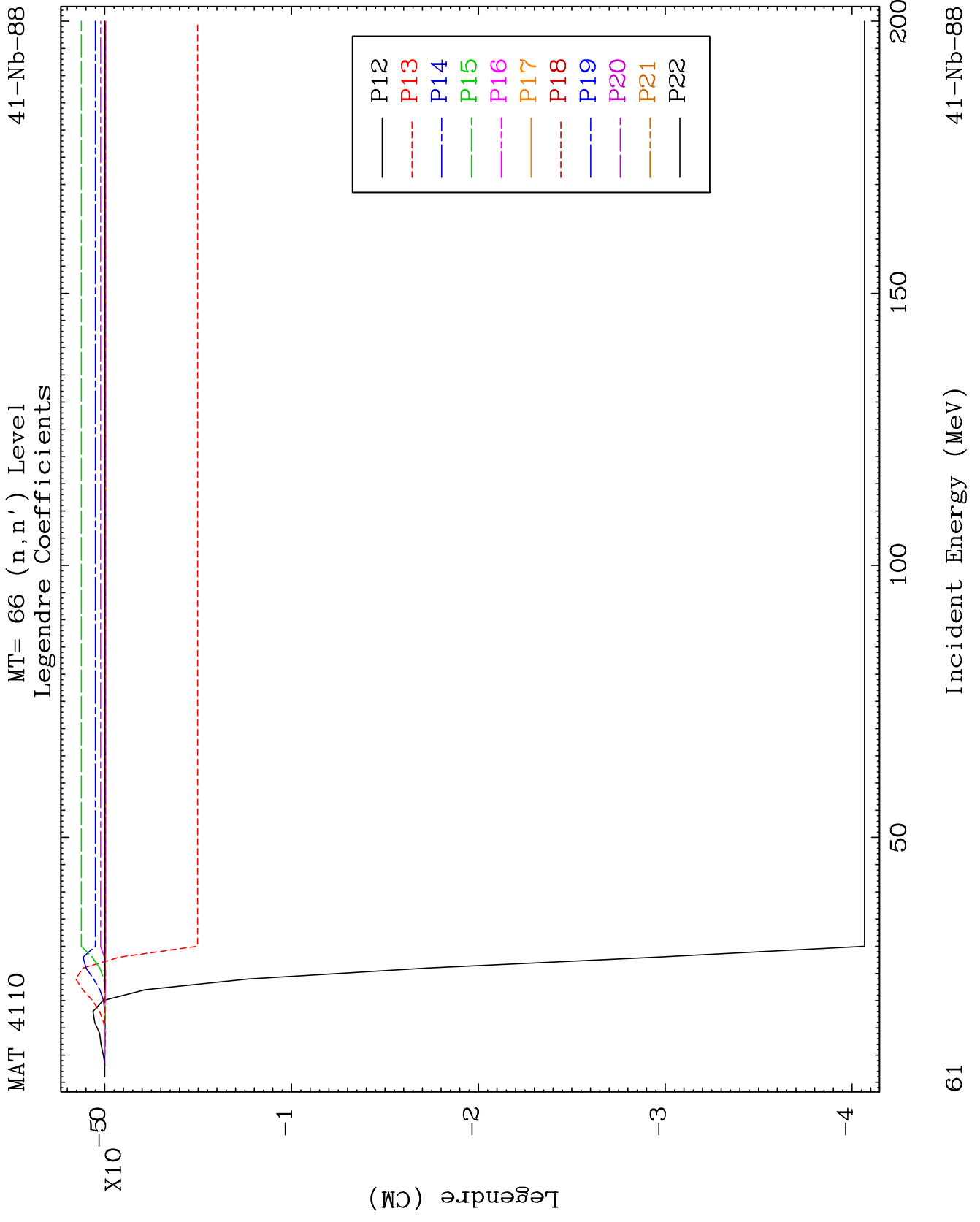
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Incident Energy (MeV)

41-Nb-88



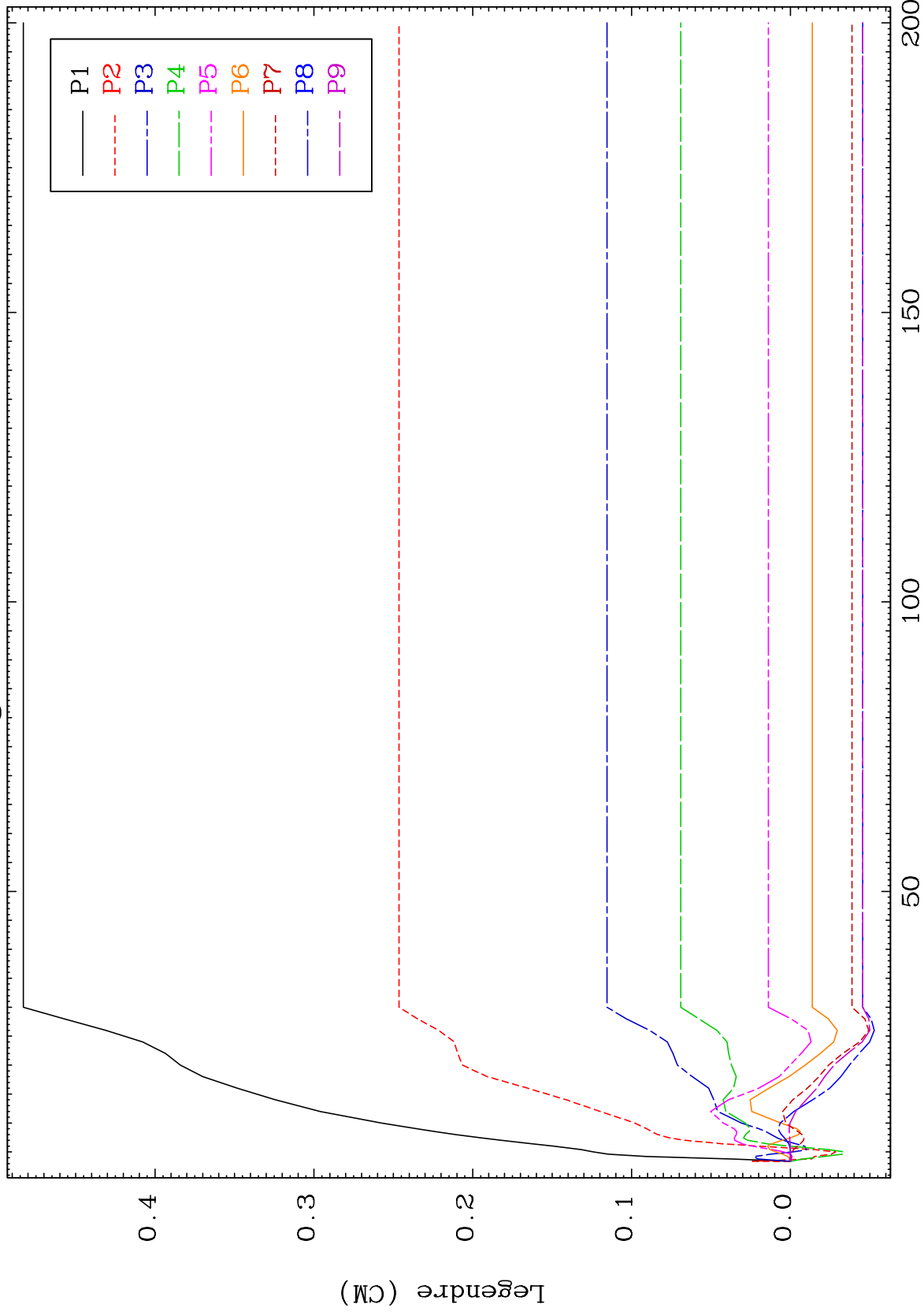




MAT 4110

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

41-Nb-88



62

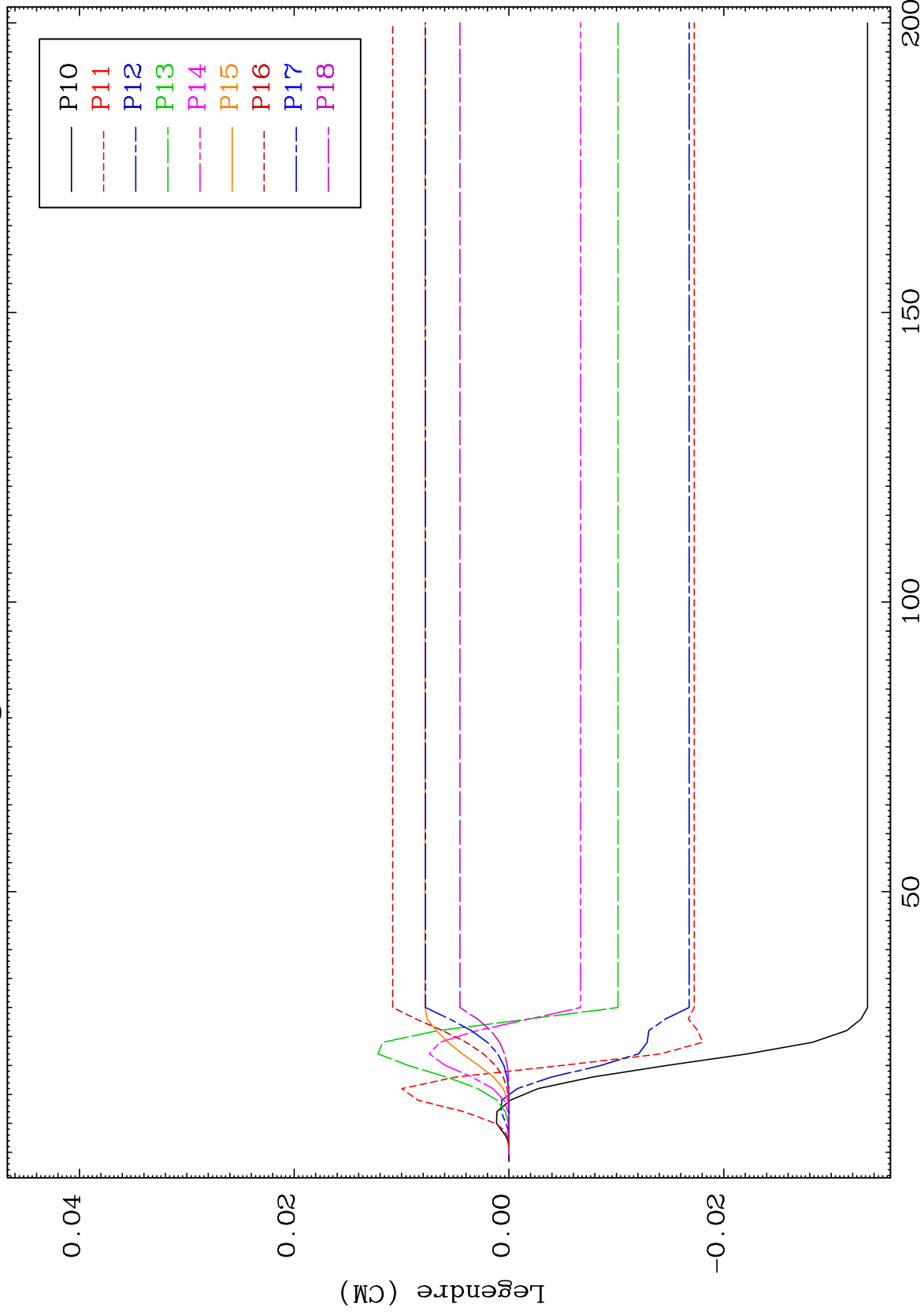
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



63

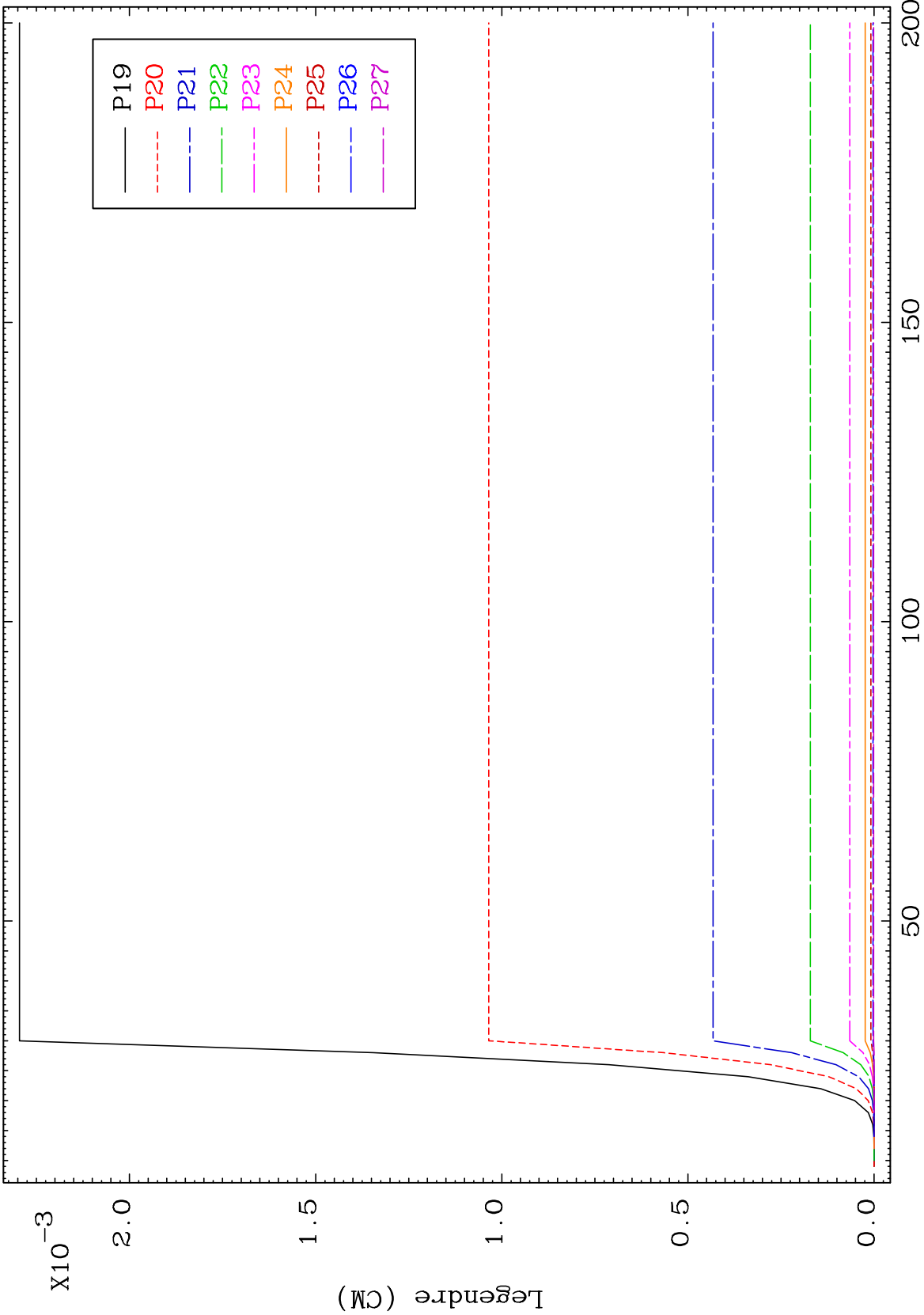
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



64

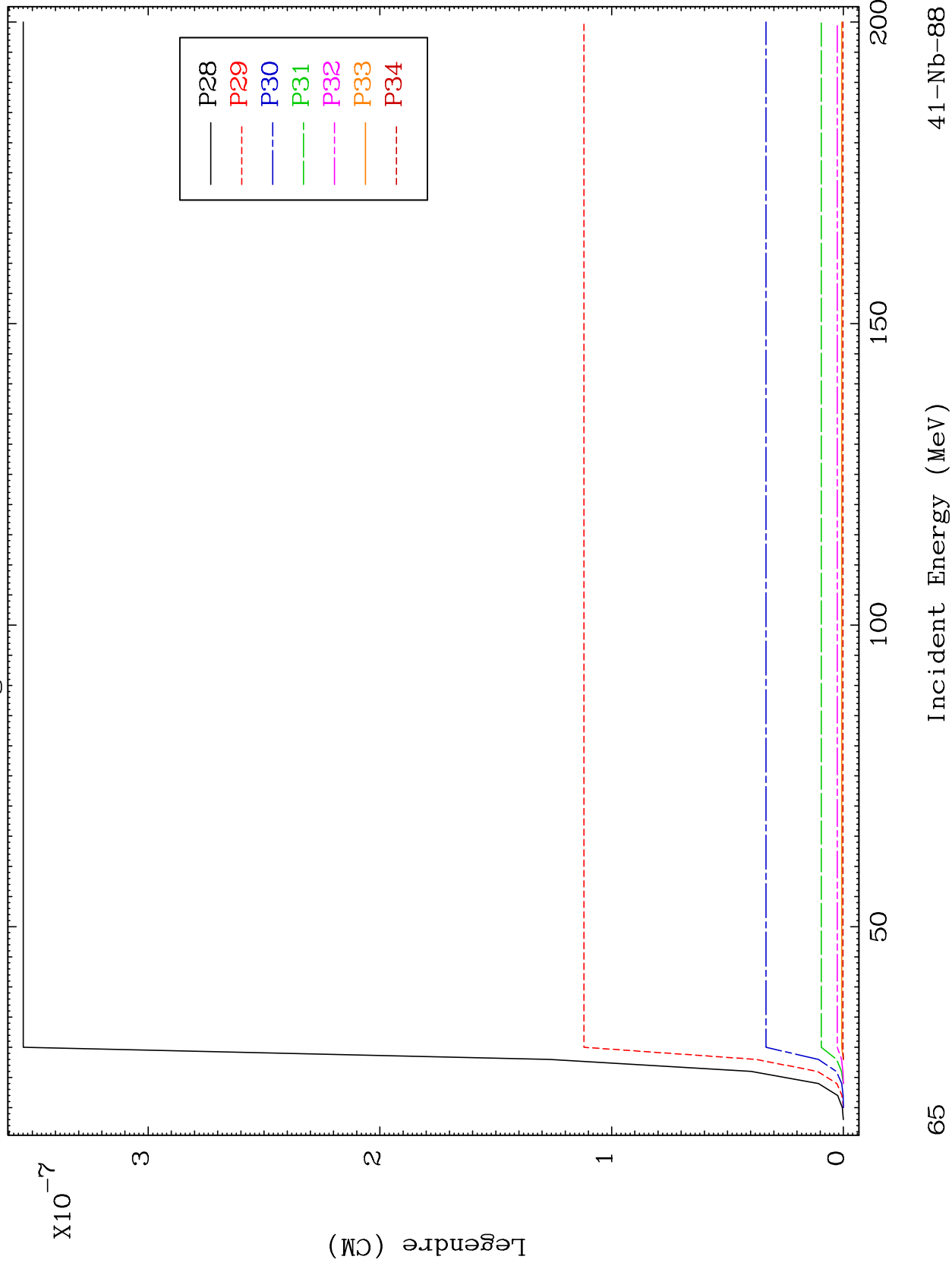
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



41-Nb-88

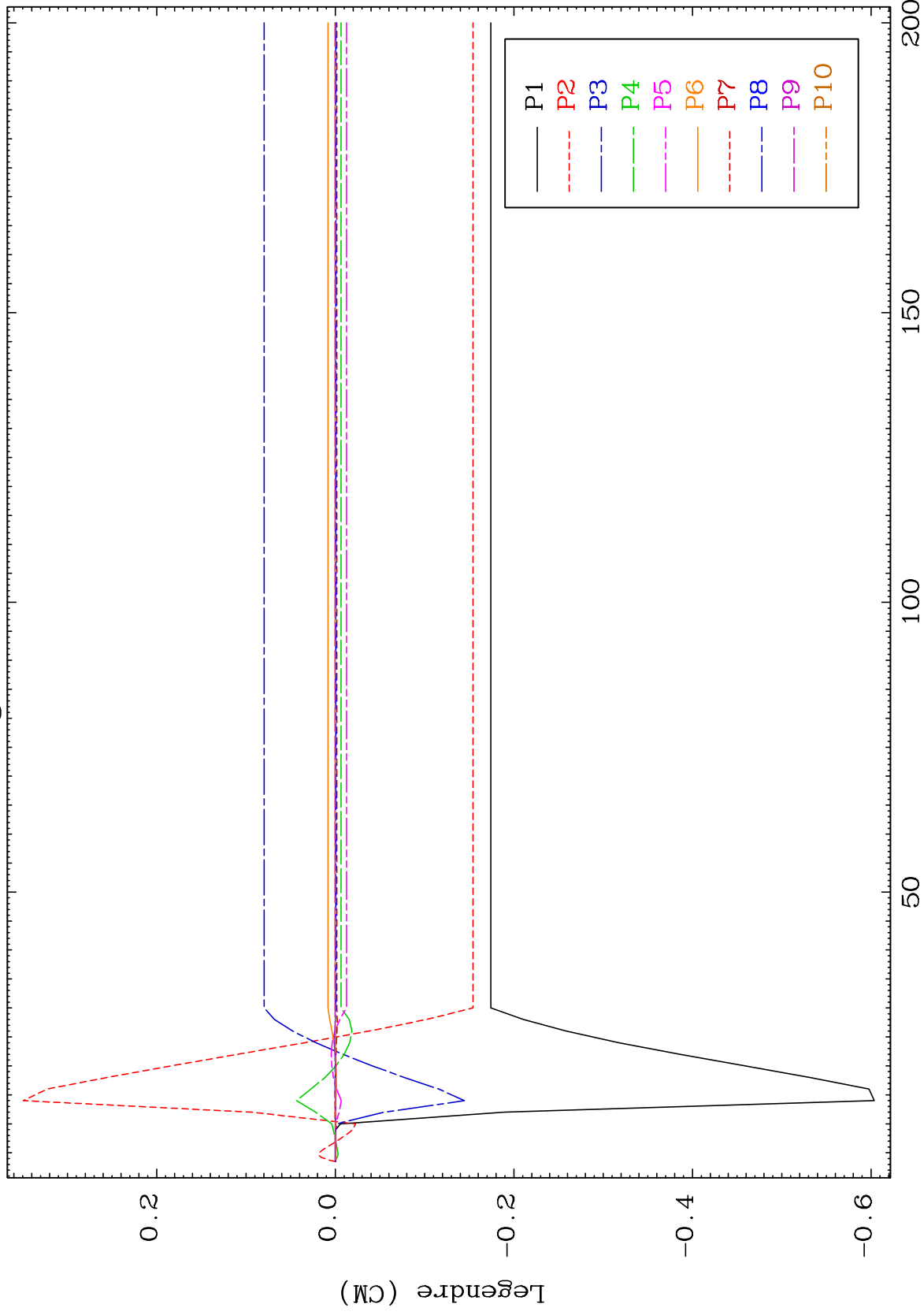
Incident Energy (MeV)

65

MAT 4110

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

41-Nb-88



66

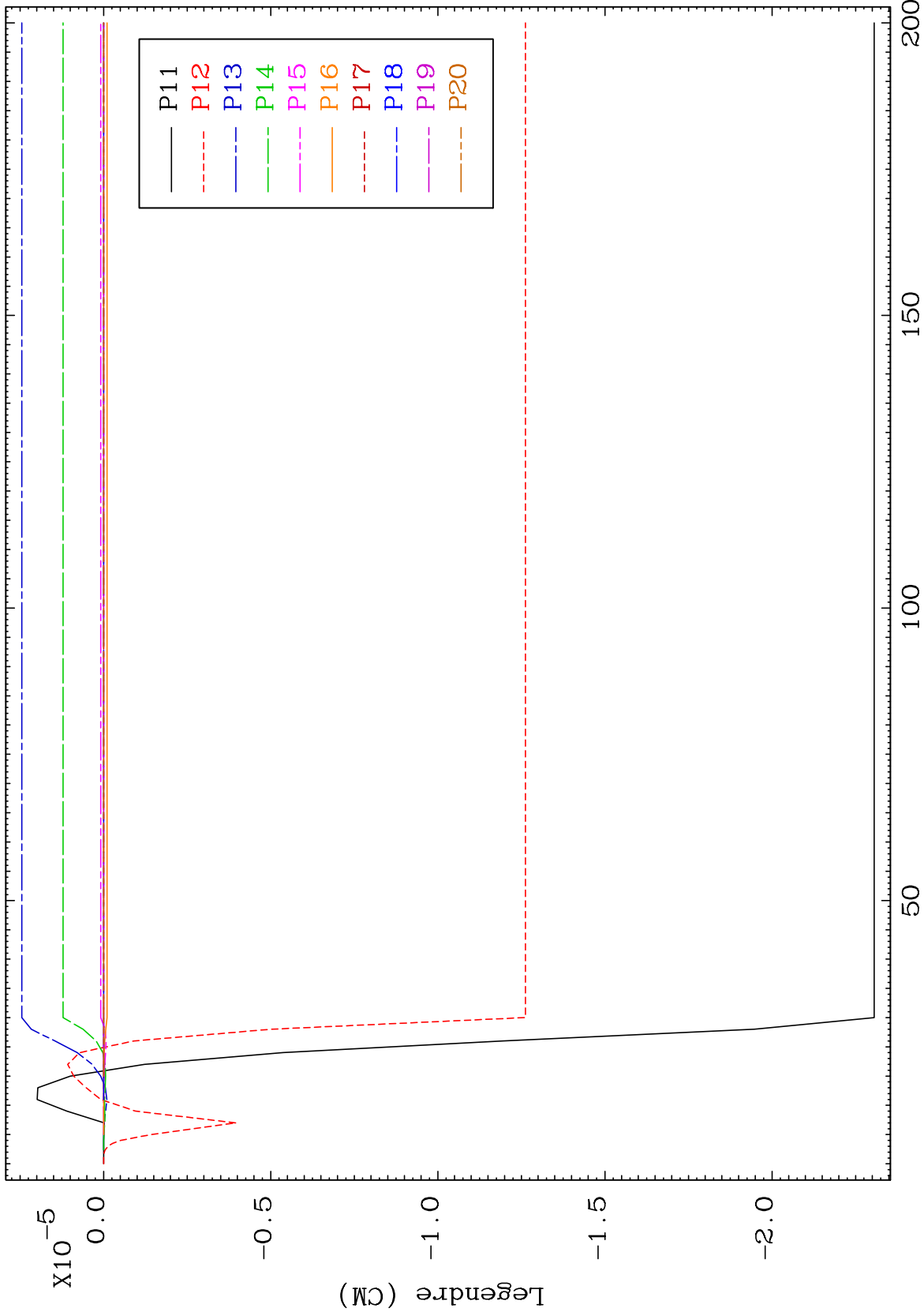
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

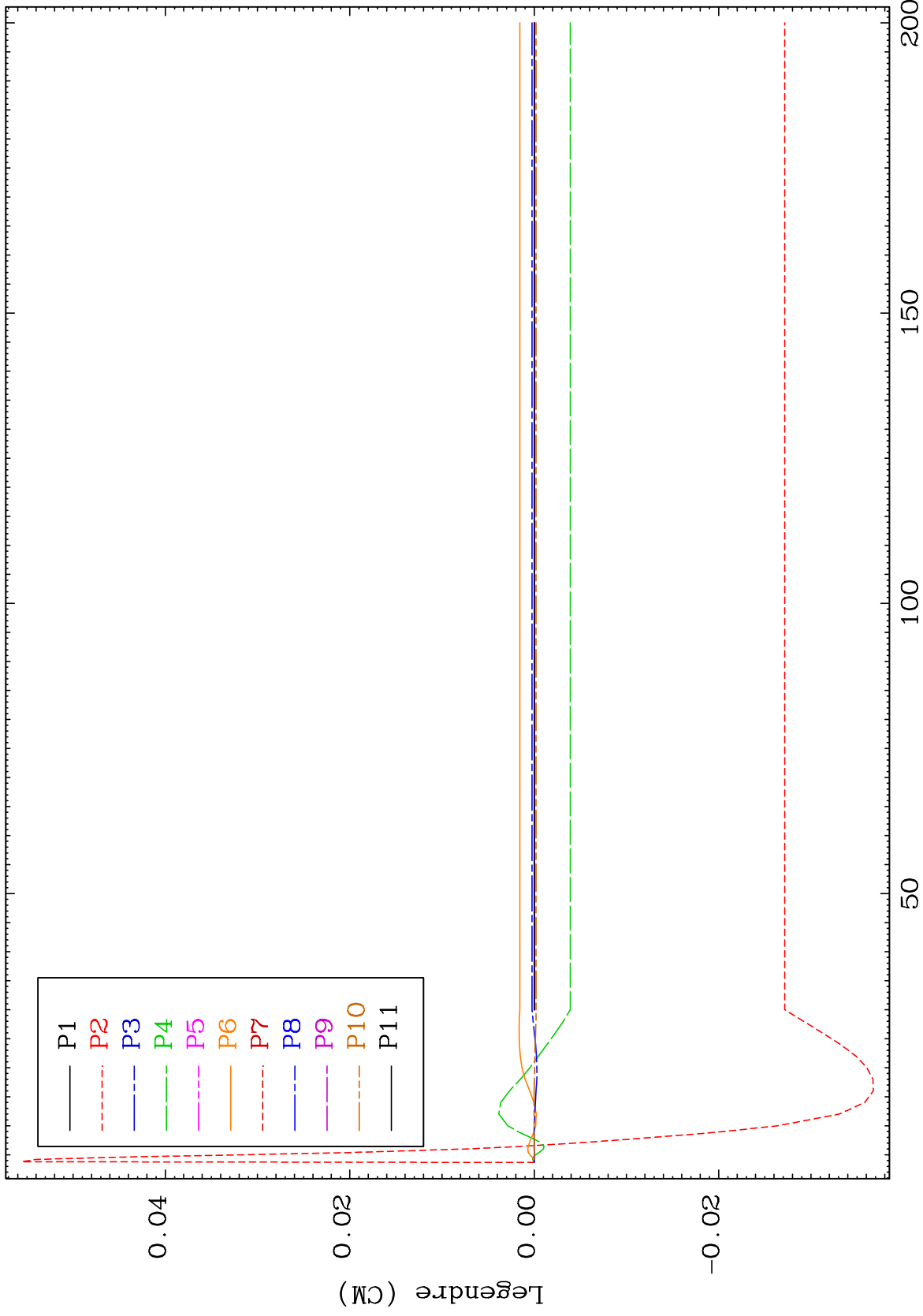
41-Nb-88



67

Incident Energy (MeV)

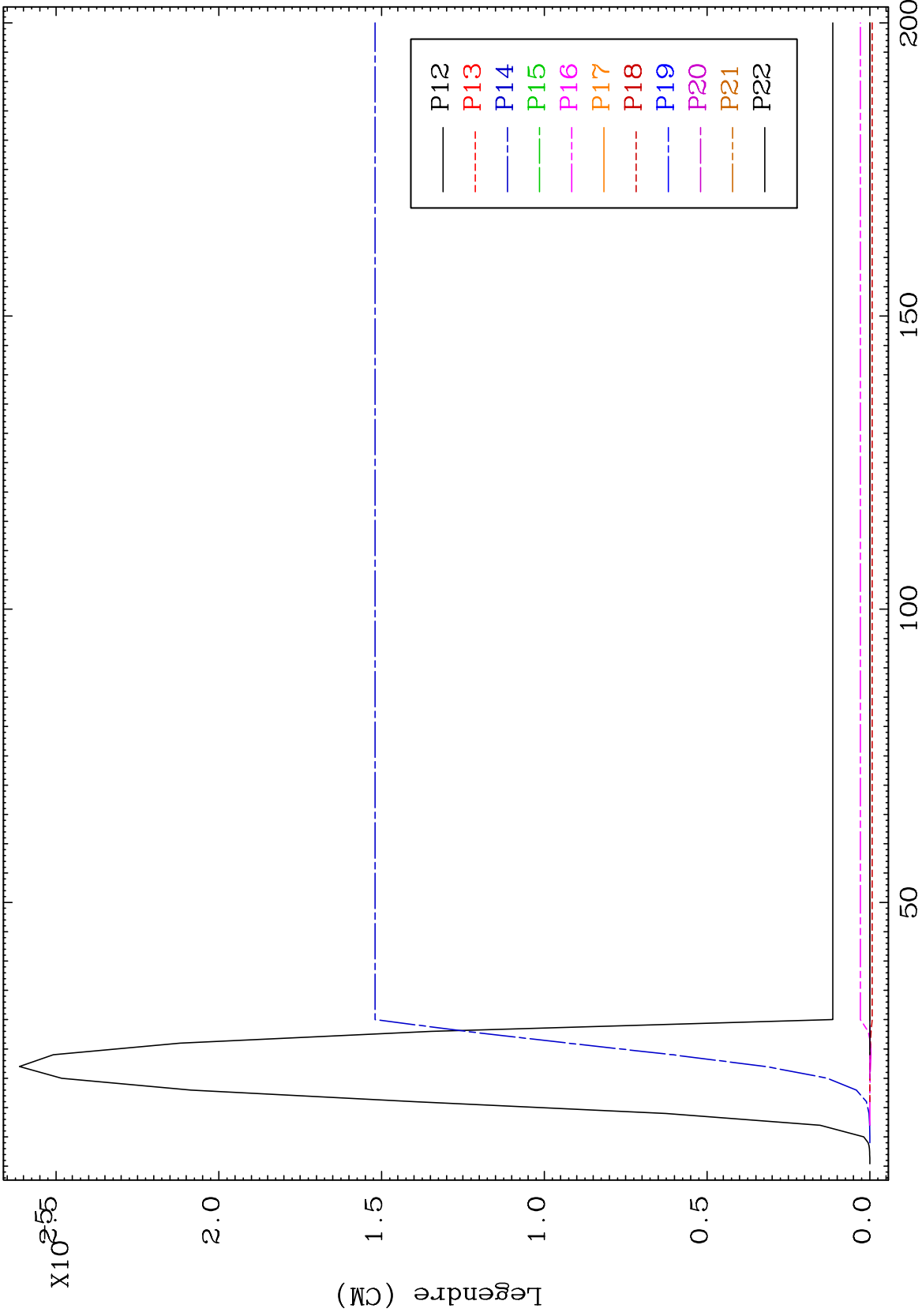
41-Nb-88



MAT 4110

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

41-Nb-88



69

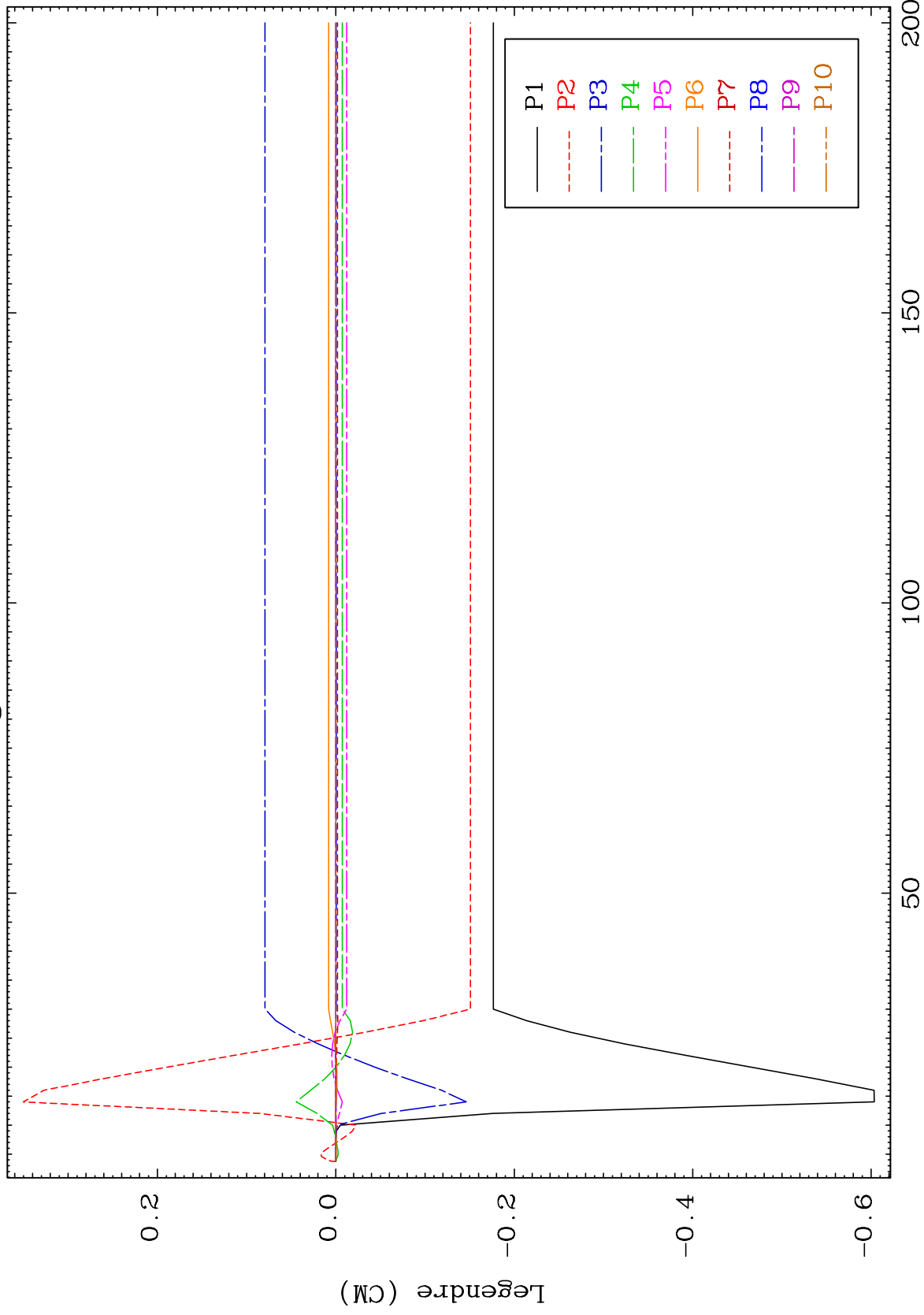
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

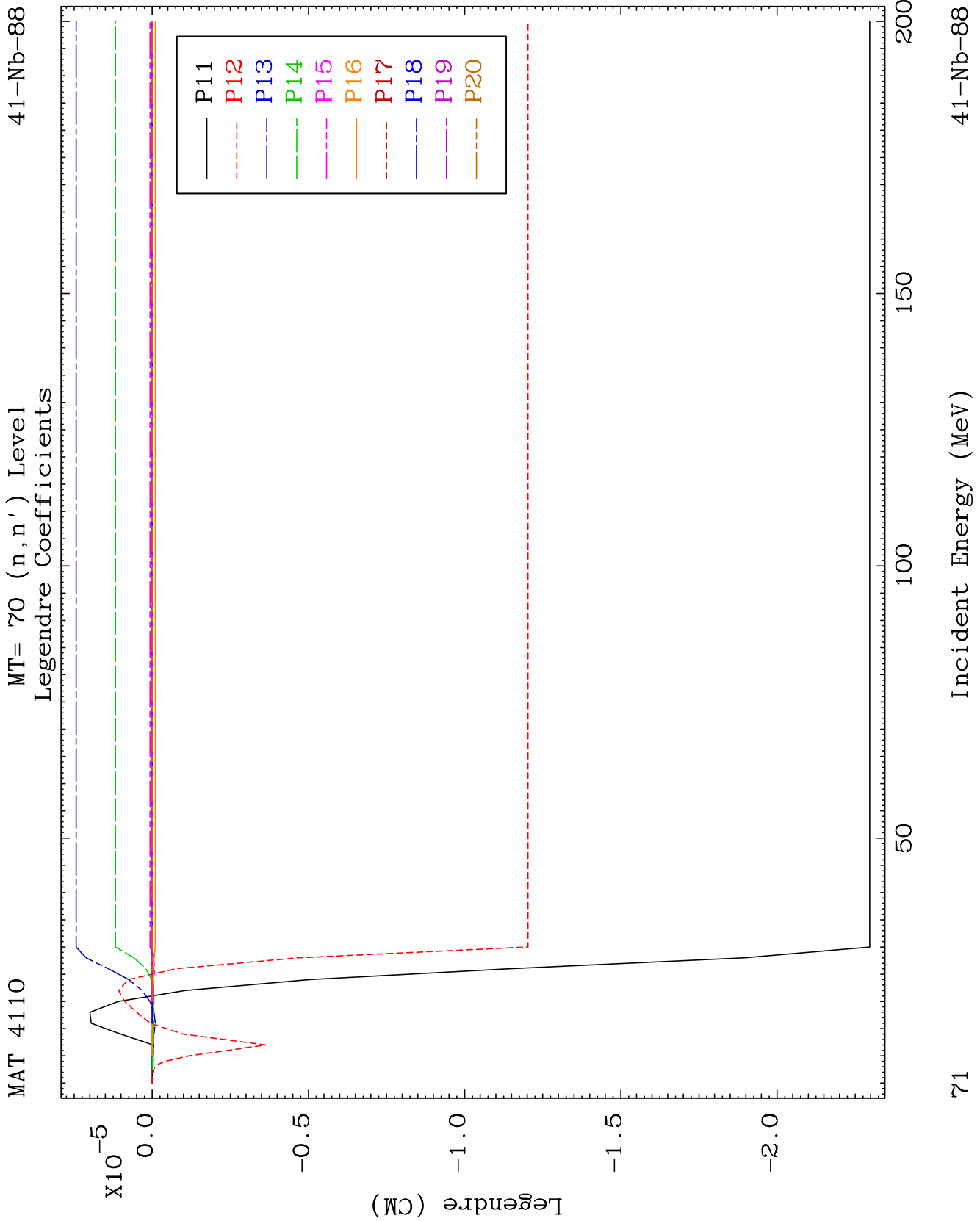
41-Nb-88



70

Incident Energy (MeV)

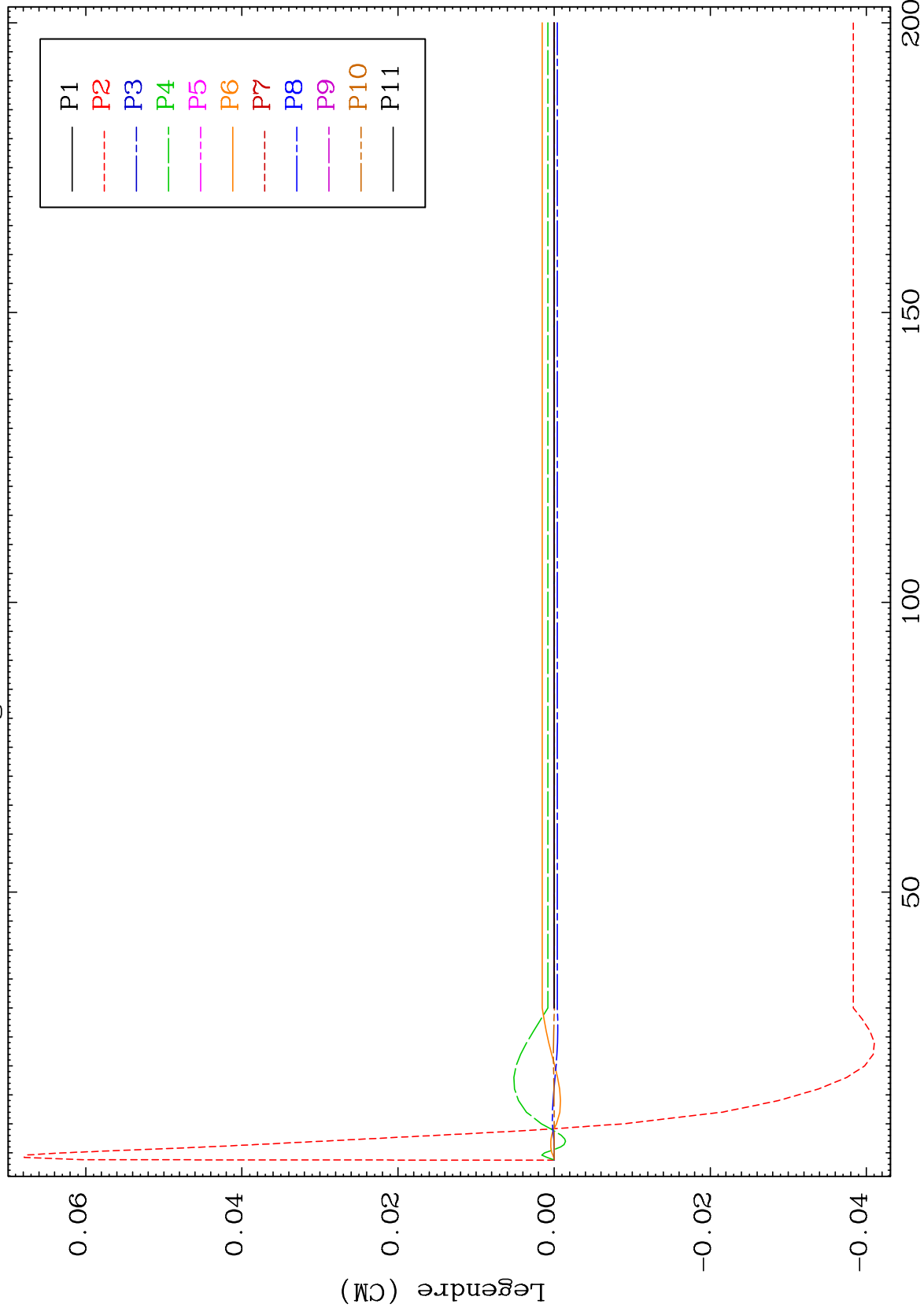
41-Nb-88



MAT 4110

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

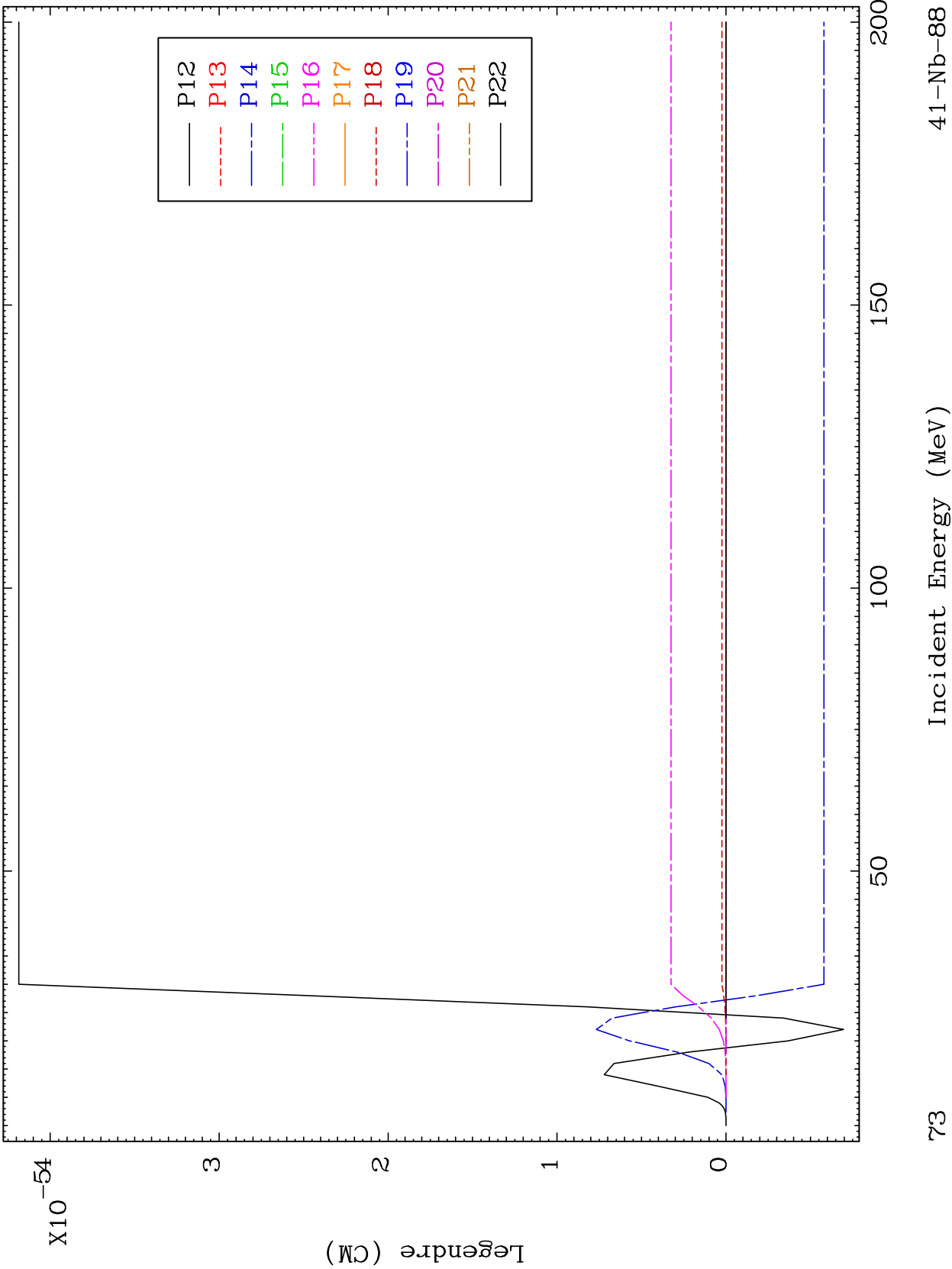
41-Nb-88



72

Incident Energy (MeV)

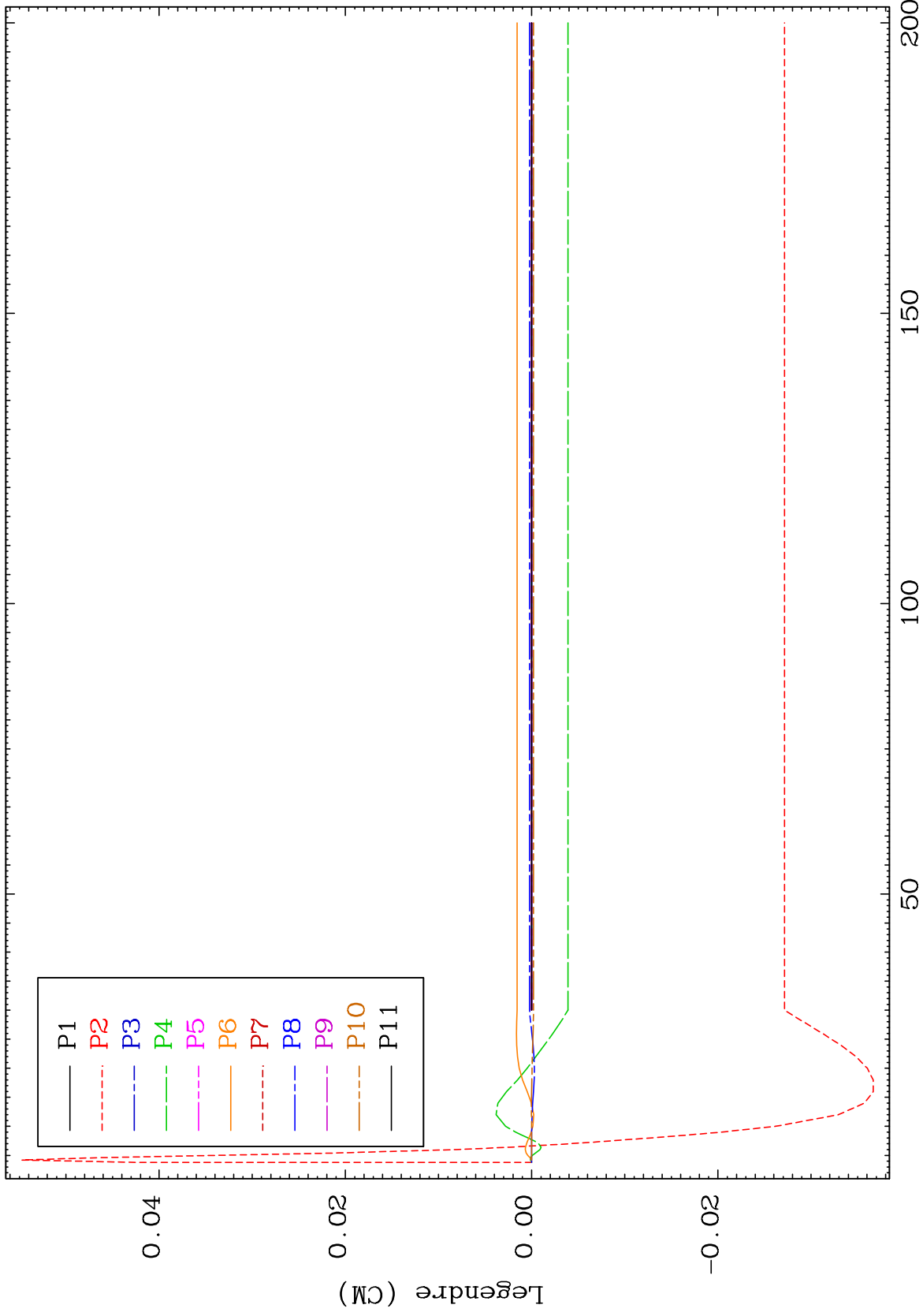
41-Nb-88



MAT 4110

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

41-Nb-88



74

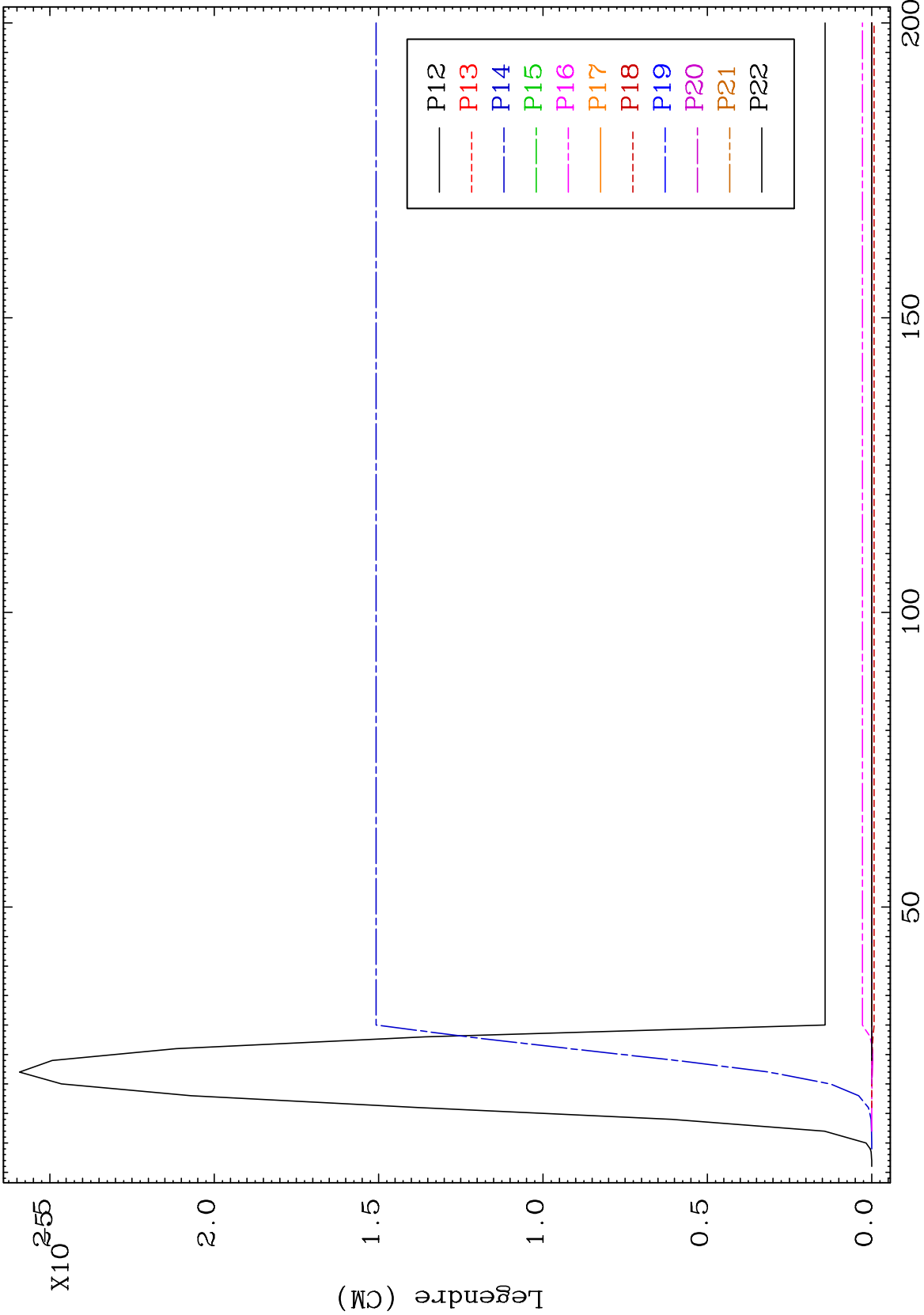
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



75

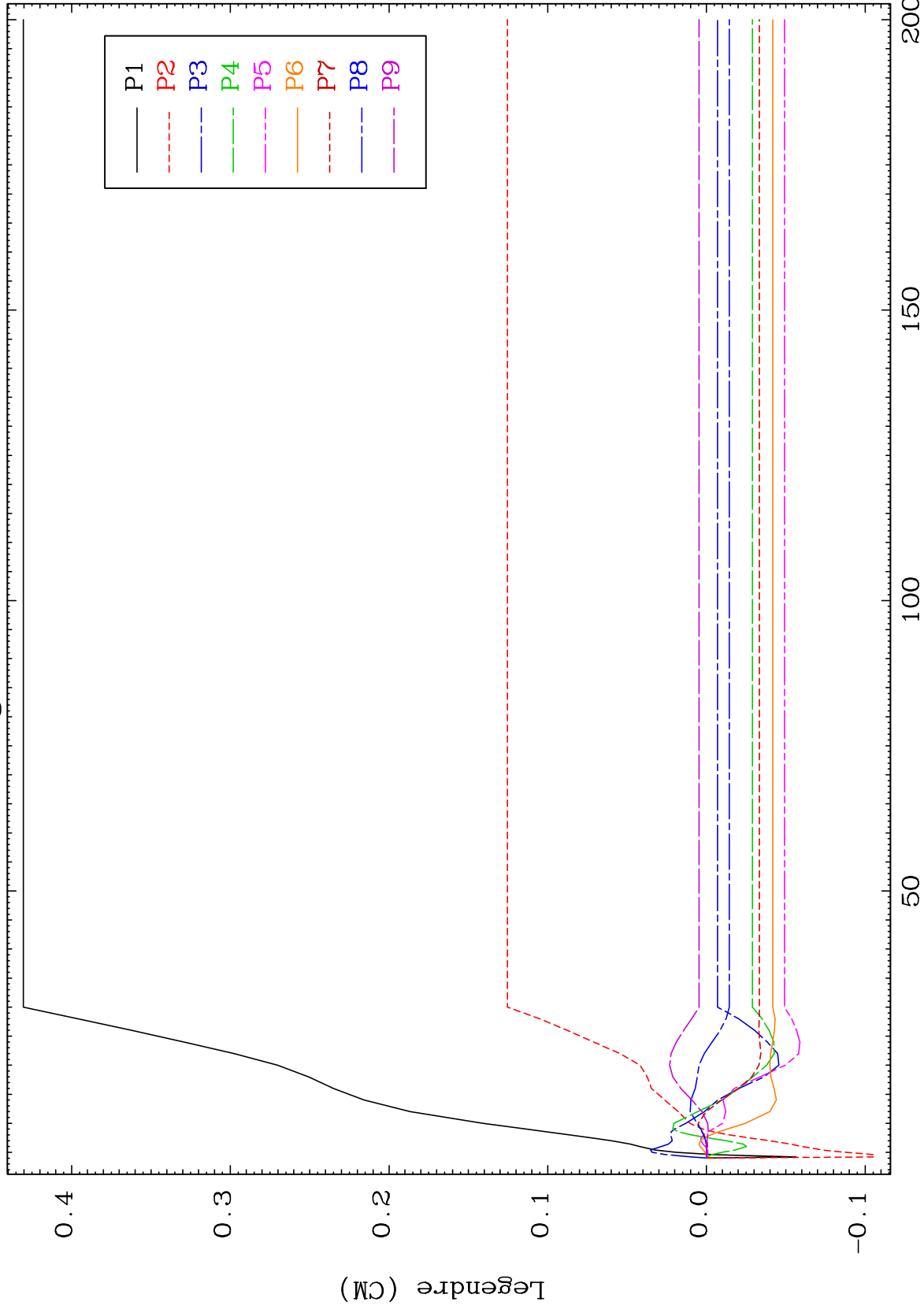
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



76

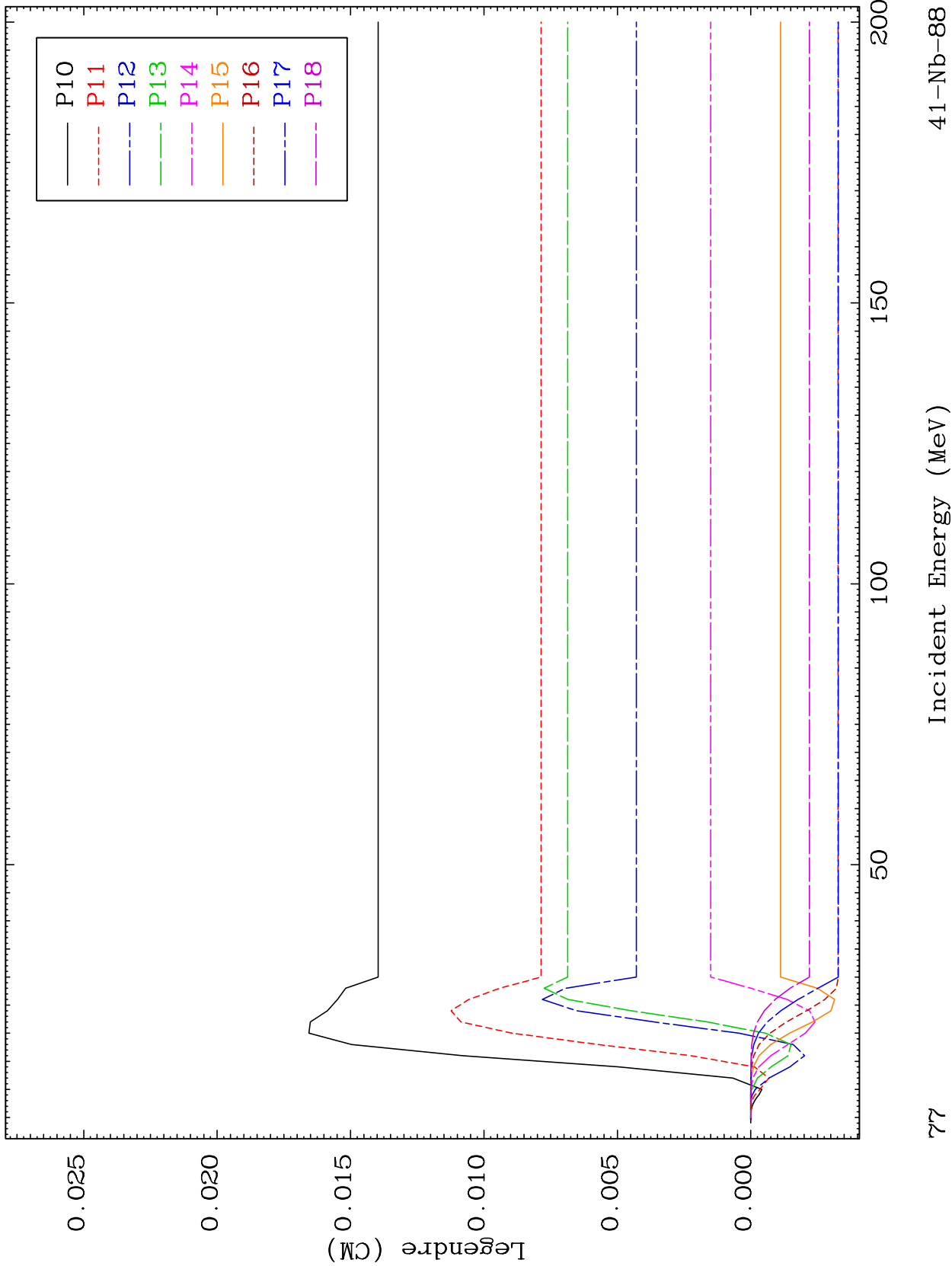
Incident Energy (MeV)

41-Nb-88

MAT 4110

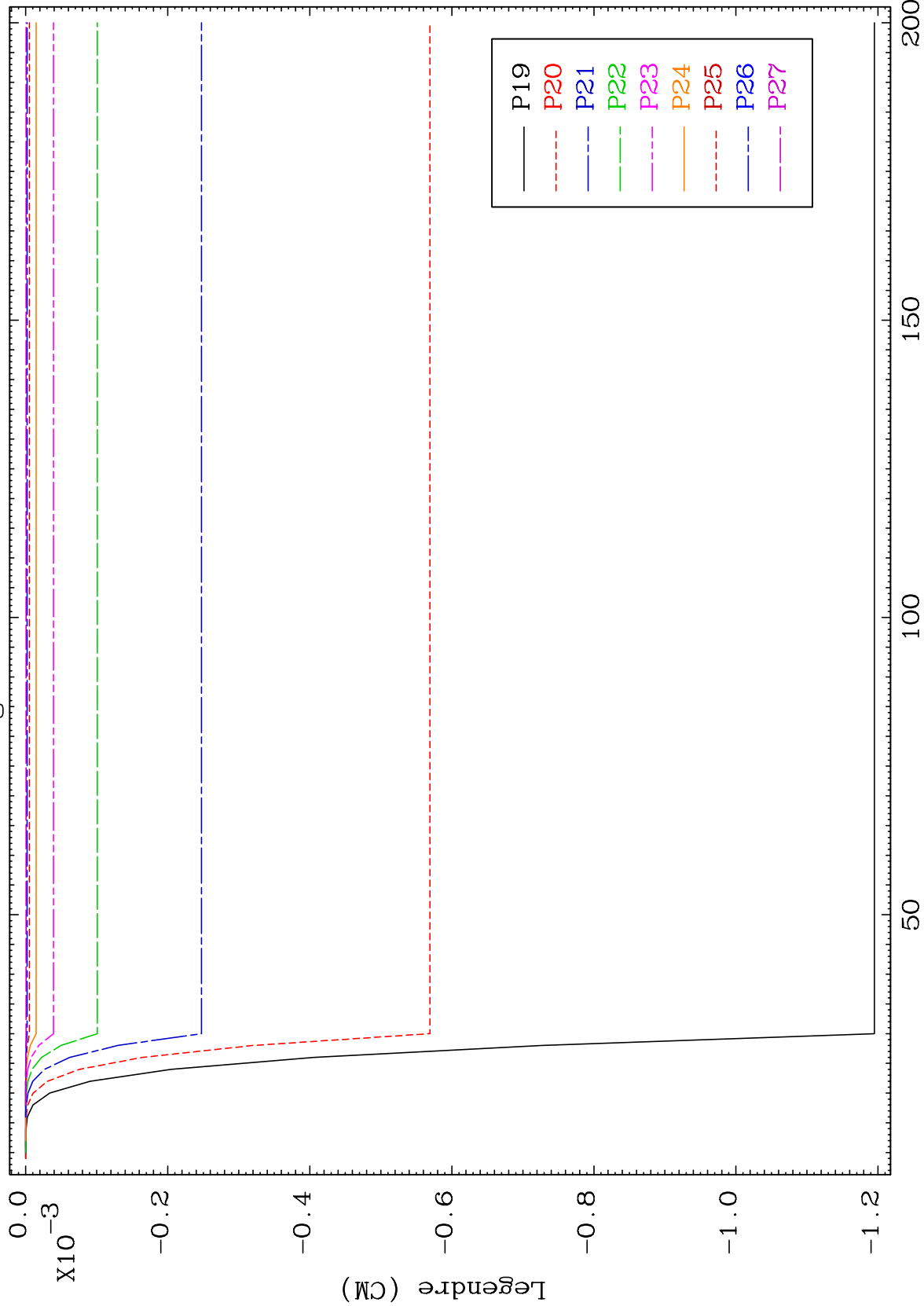
MT= 73 (n,n') Level
Legendre Coefficients

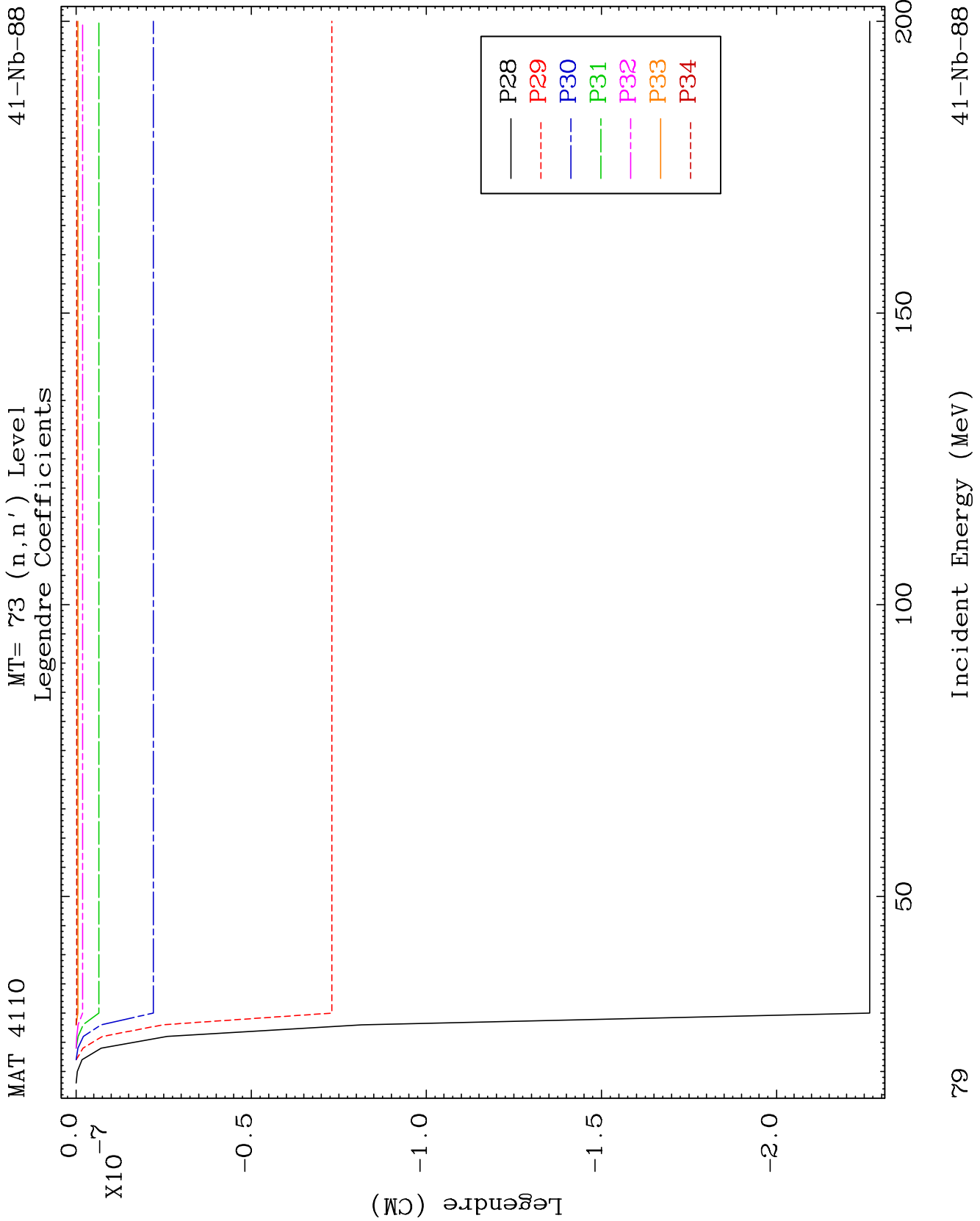
41-Nb-88



77

41-Nb-88

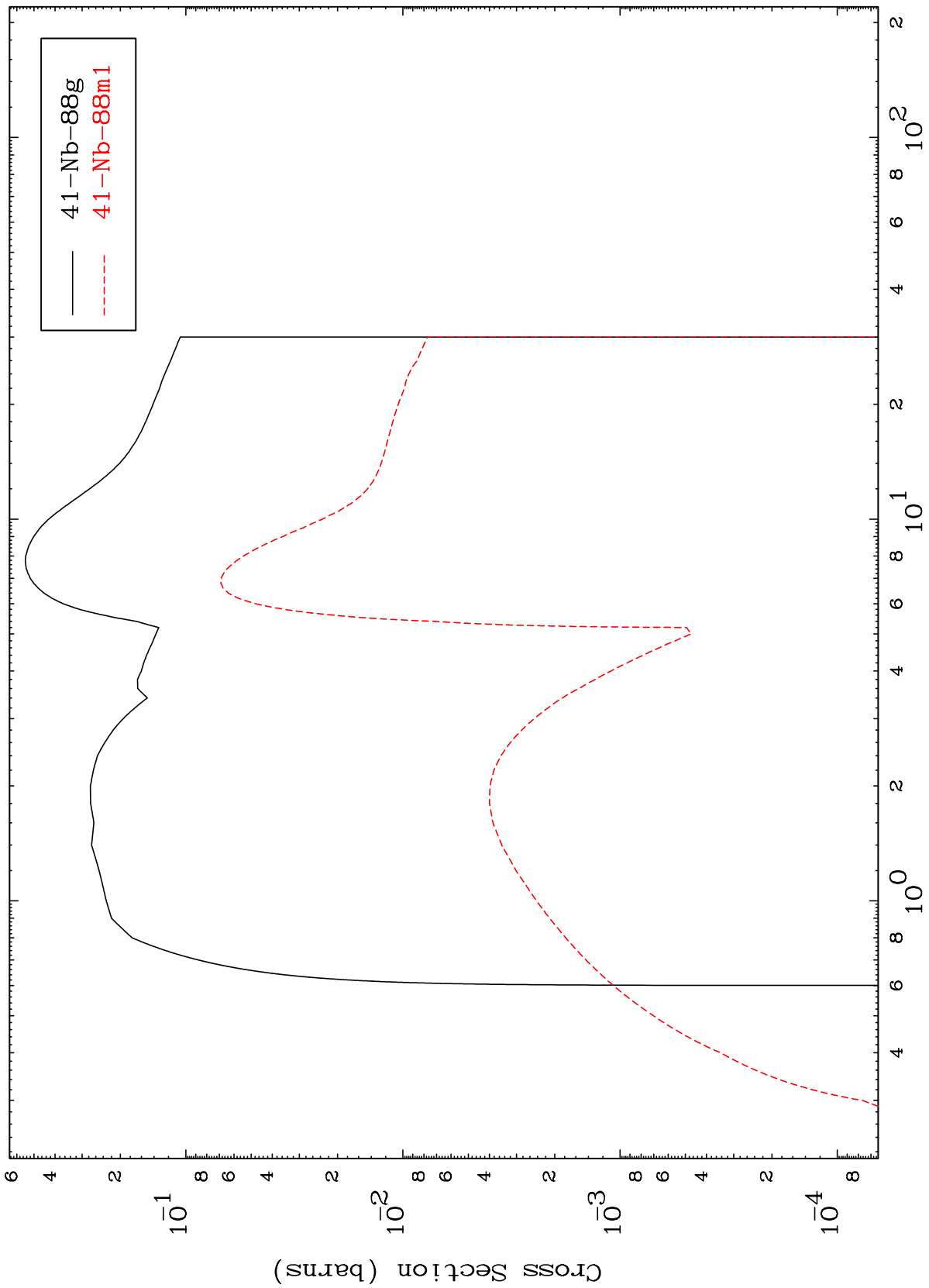




MAT 4110

41-Nb-88

Inelastic
Radionuclide Production Cross Section



80

Incident Energy (MeV)

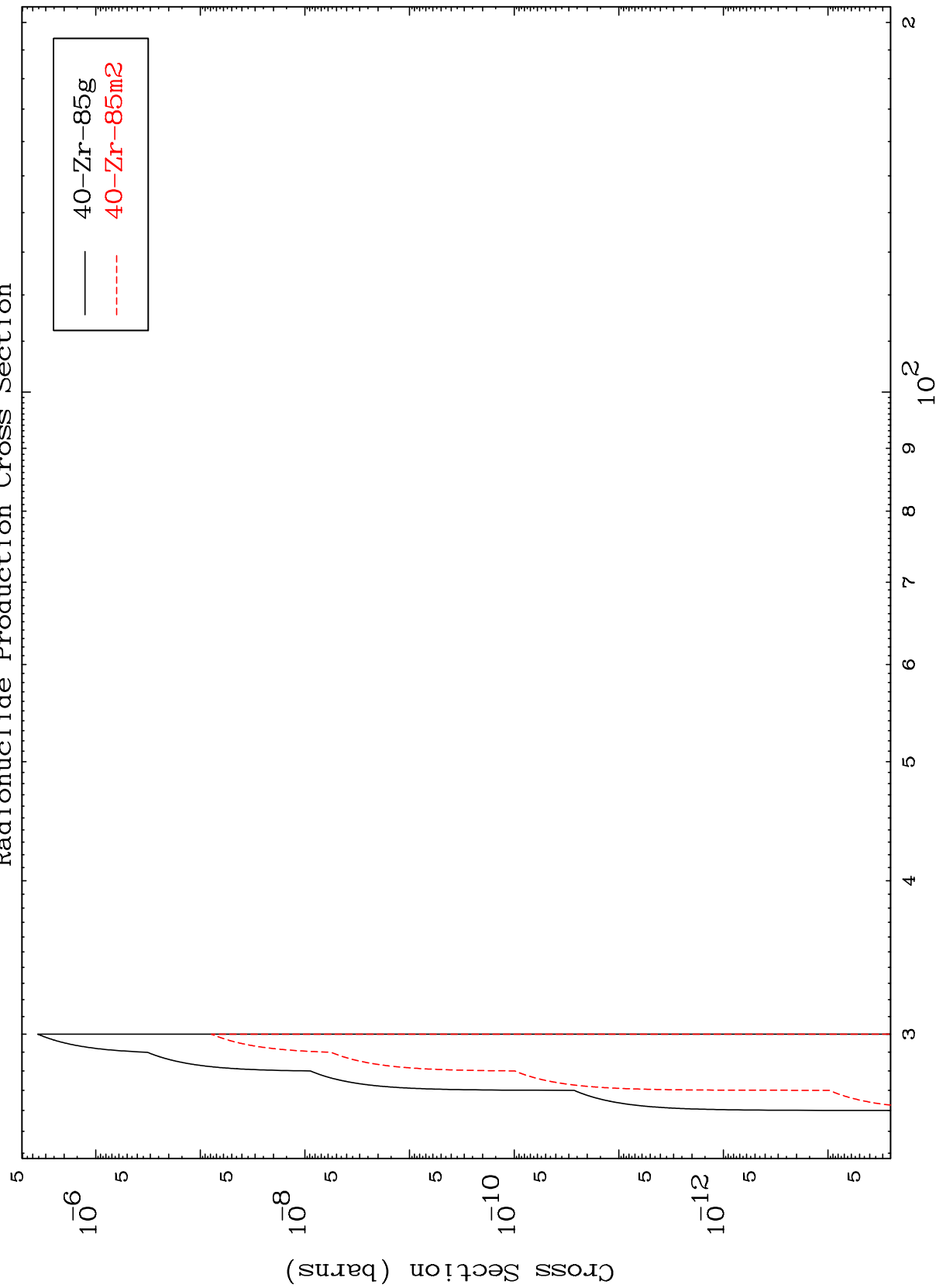
41-Nb-88

MAT 4110

(n,2n) d

41-Nb-88

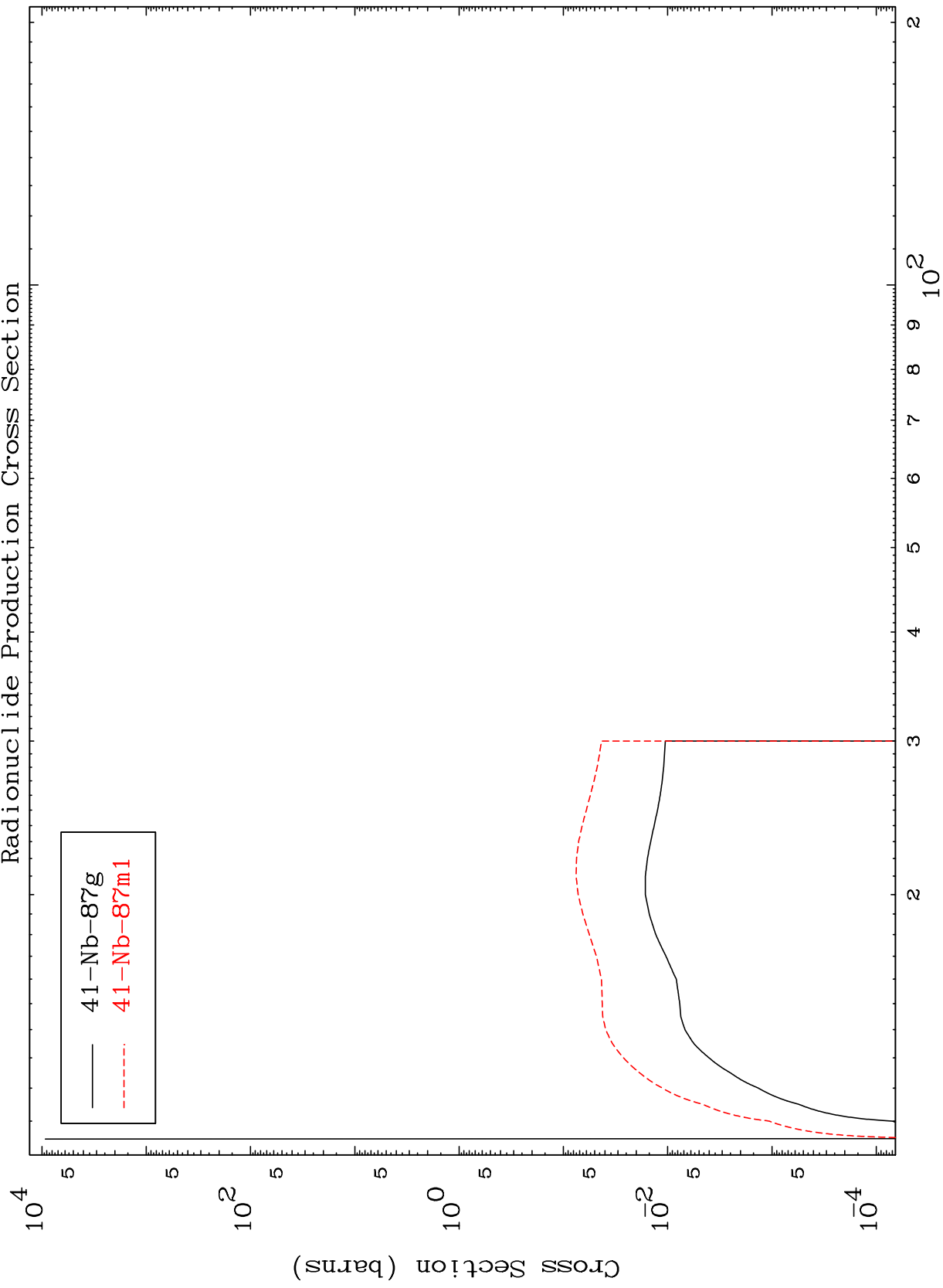
Radionuclide Production Cross Section



MAT 4110

41-Nb-88

(n,2n)
Radionuclide Production Cross Section



82

Incident Energy (MeV)

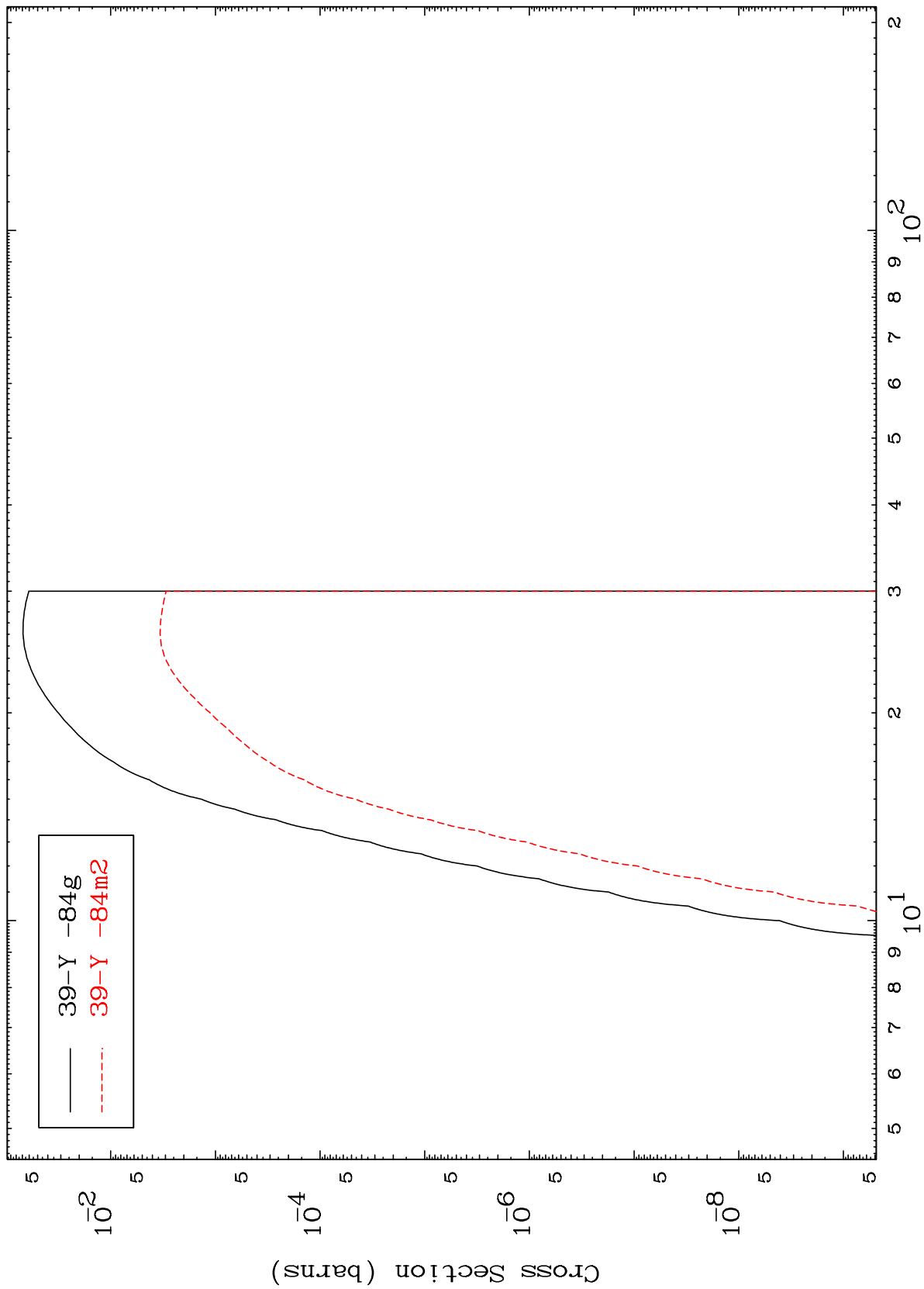
41-Nb-88

MAT 4110

$(n, n') \alpha$

41-Nb-88

Radionuclide Production Cross Section



83

Incident Energy (MeV)

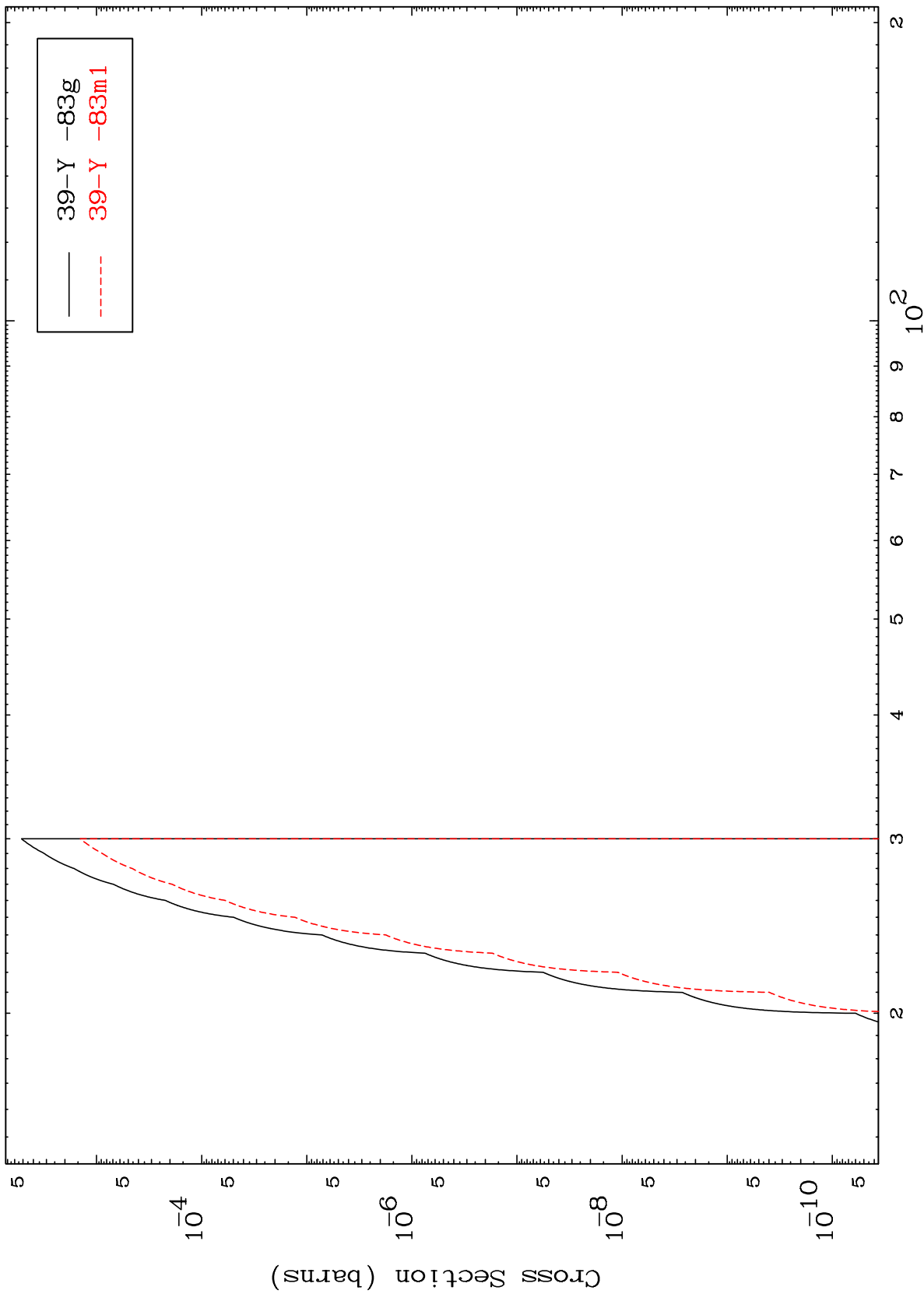
41-Nb-88

MAT 4110

(n,2n) α

41-Nb-88

Radionuclide Production Cross Section



84

Incident Energy (MeV)

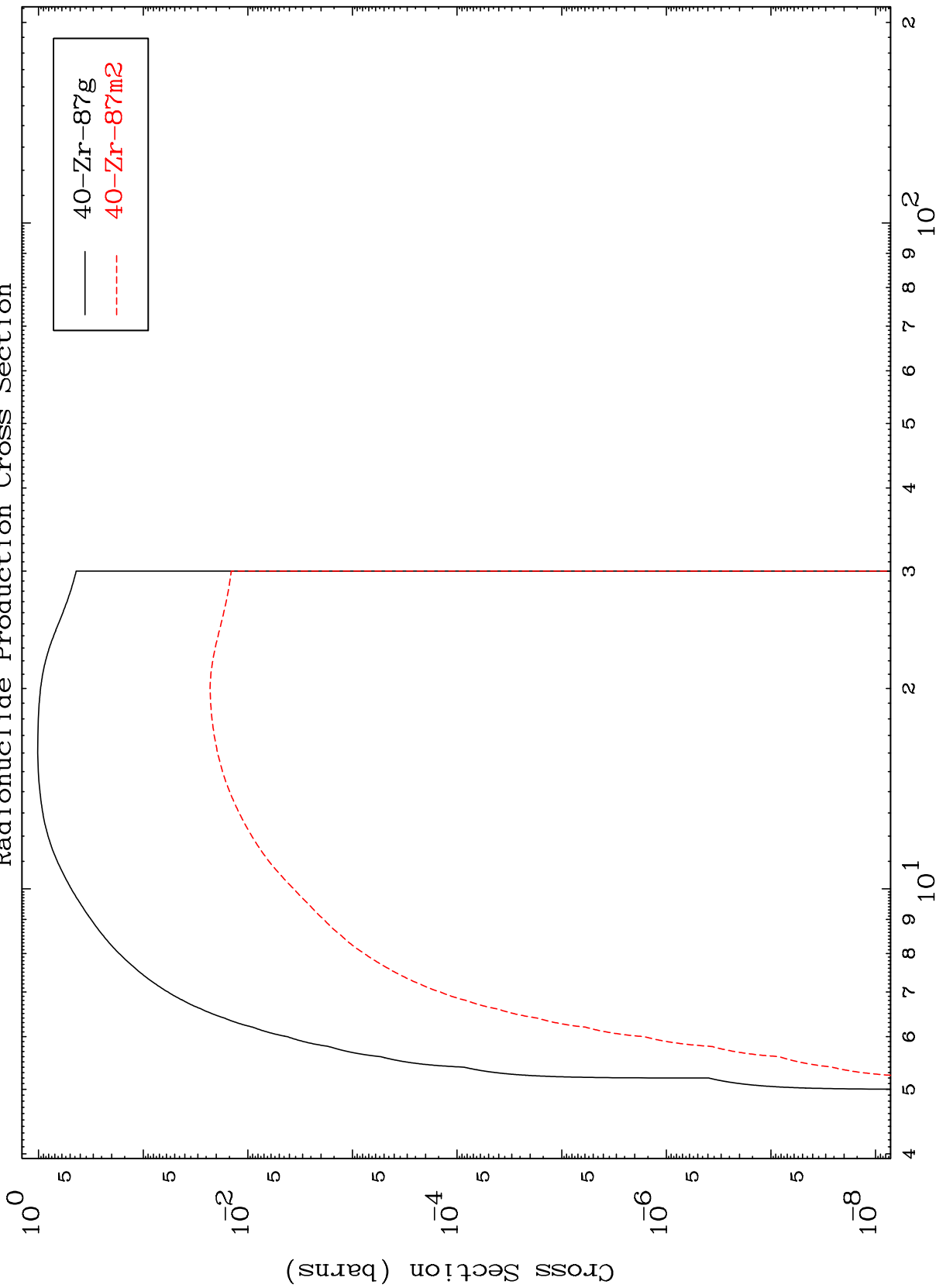
41-Nb-88

MAT 4110

(n,n') p

41-Nb-88

Radionuclide Production Cross Section

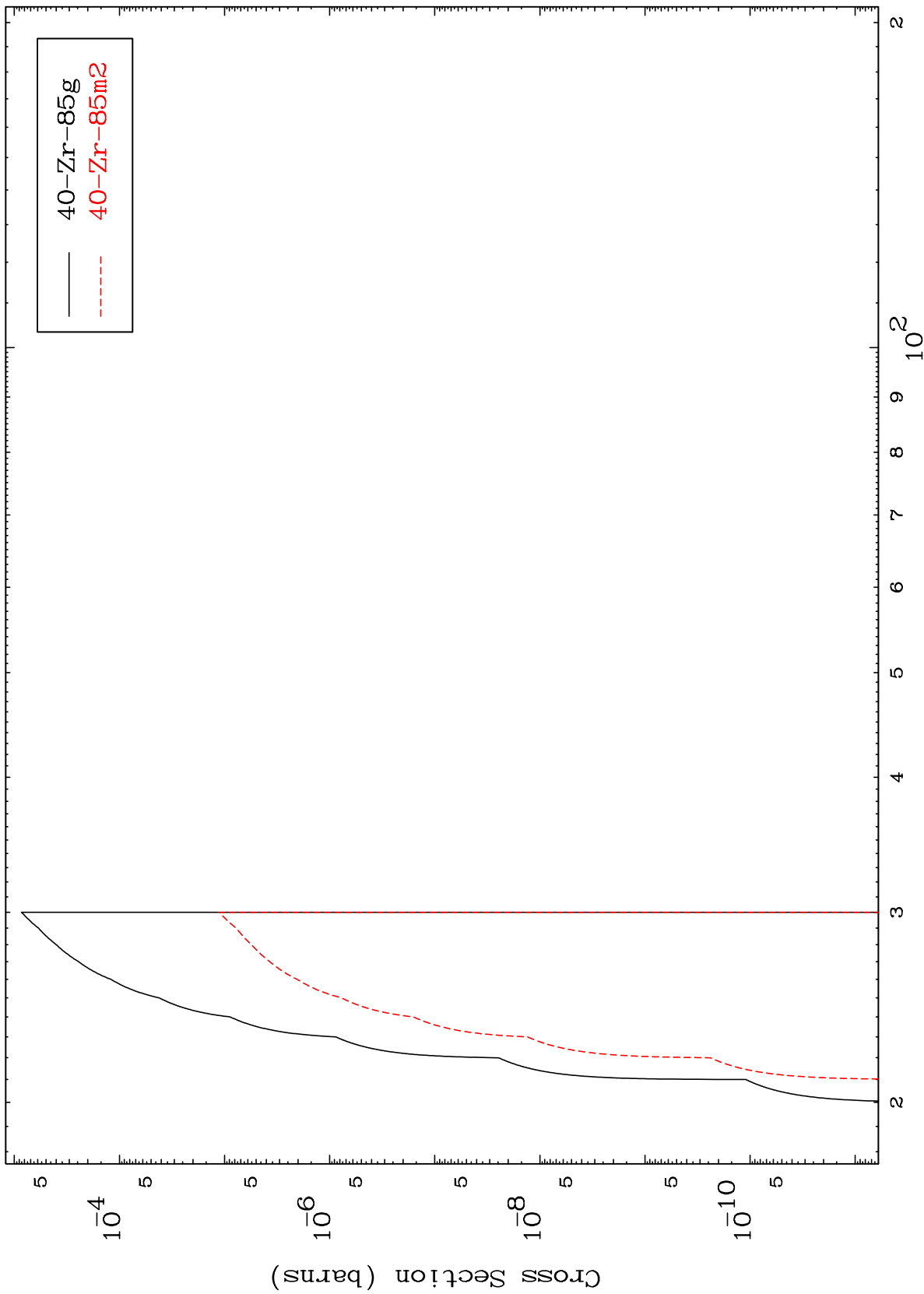


85

Incident Energy (MeV)

41-Nb-88

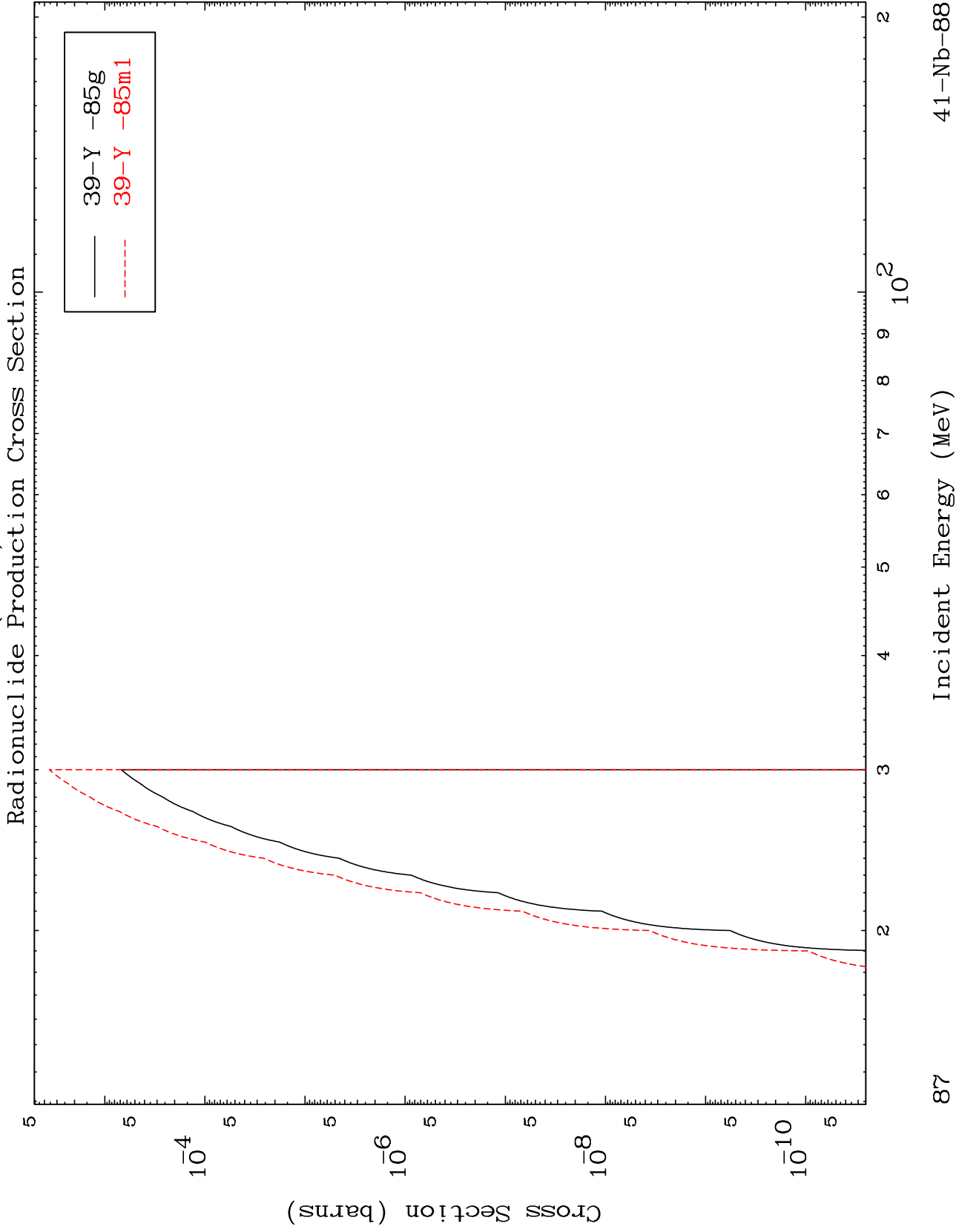
Radionuclide Production Cross Section



MAT 4110

(n,n') He-3

41-Nb-88



87

Incident Energy (MeV)

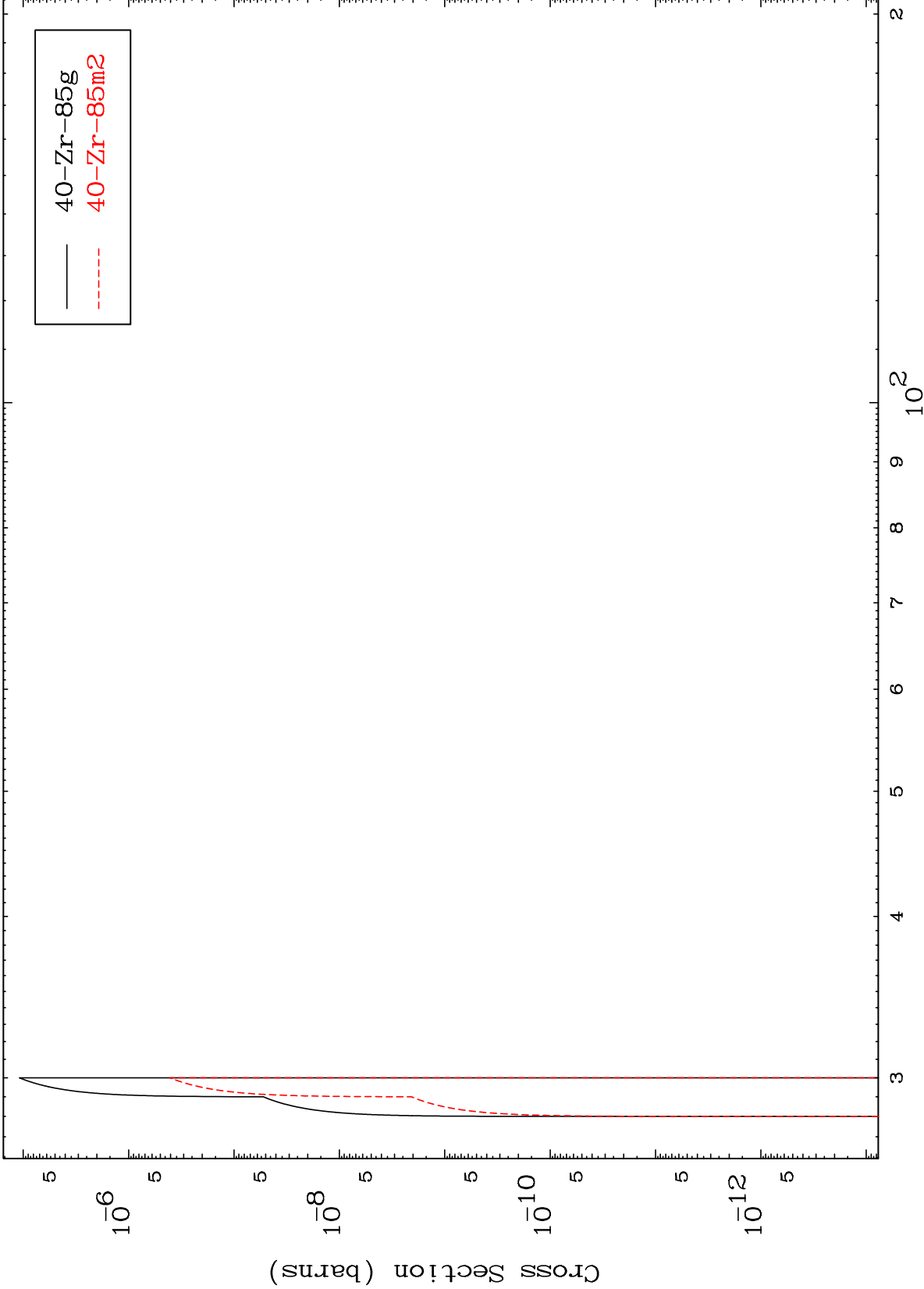
41-Nb-88

MAT 4110

(n,3n) p

41-Nb-88

Radionuclide Production Cross Section

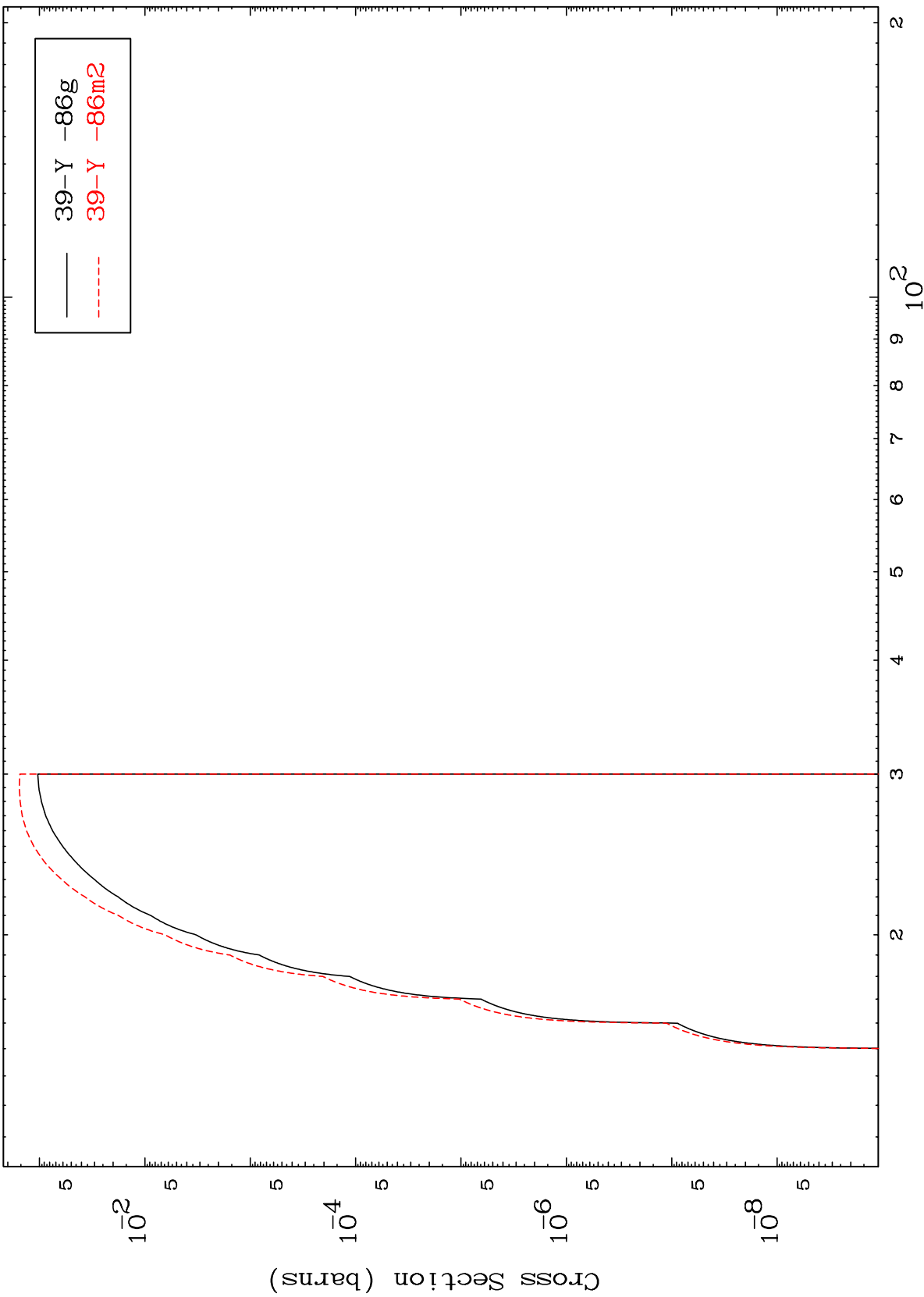


88

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section

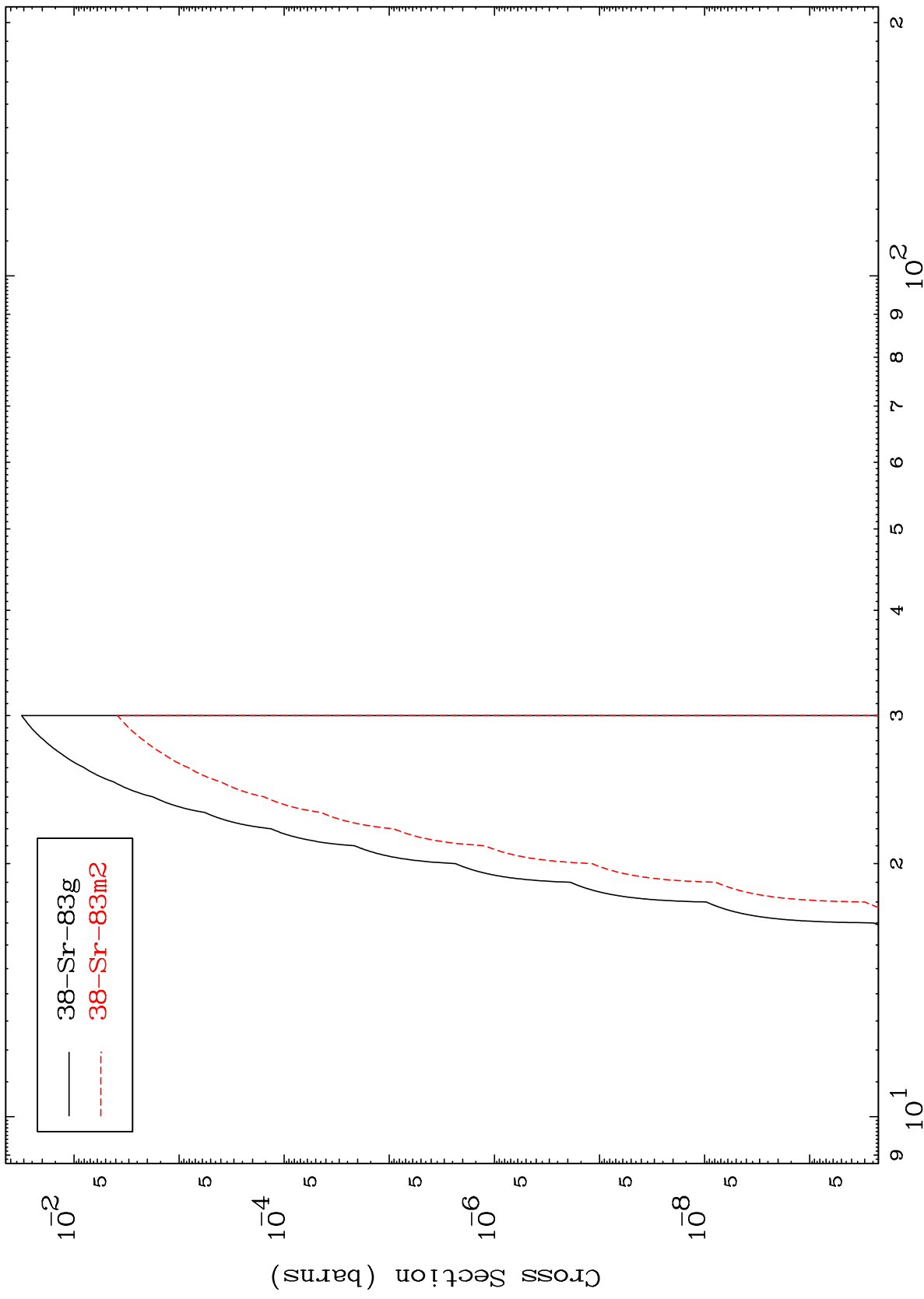


MAT 4110

(n,n') p α

41-Nb-88

Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

90

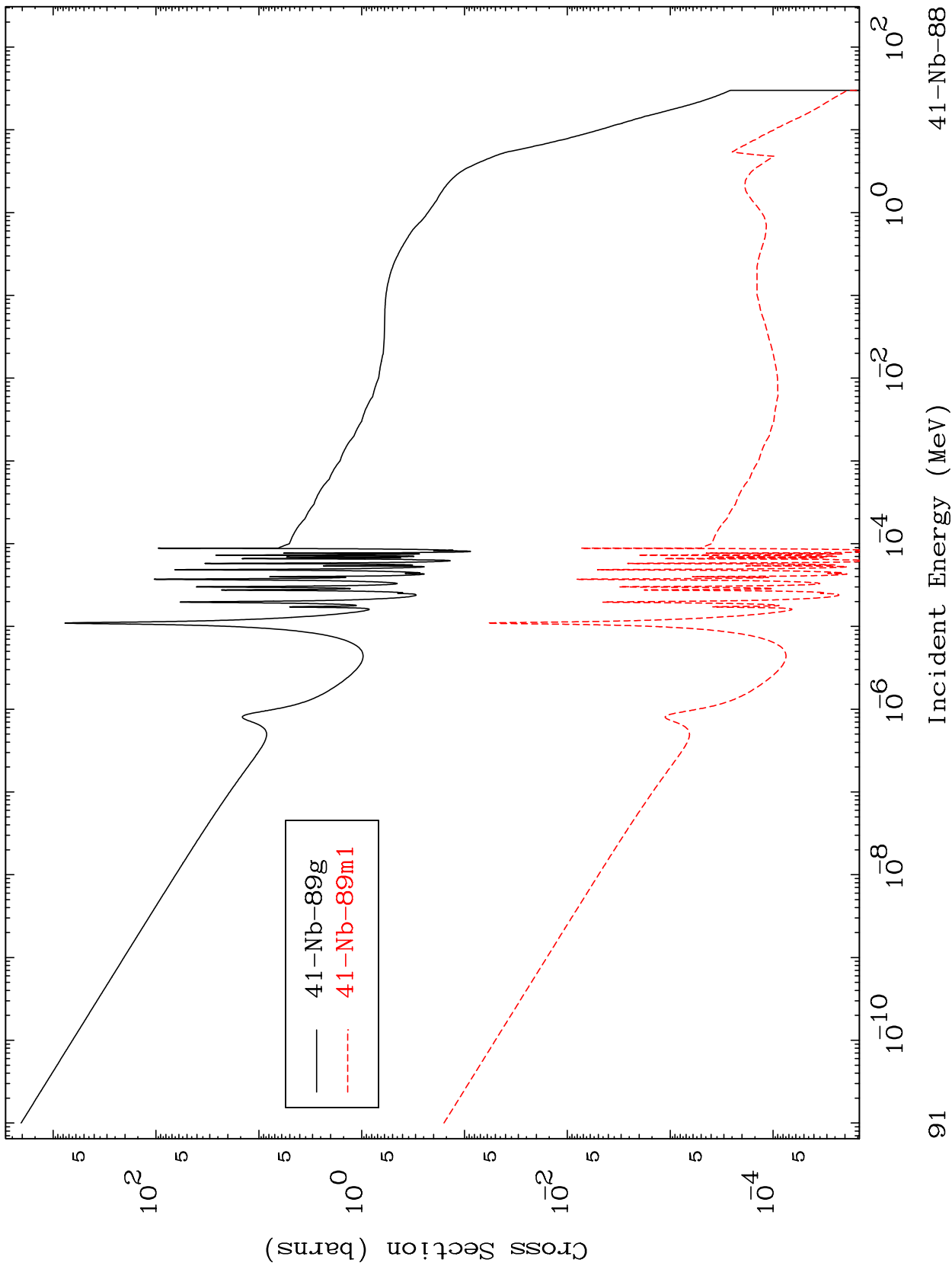
Incident Energy (MeV)

41-Nb-88

MAT 4110

41-Nb-88

(n,γ)
Radionuclide Production Cross Section



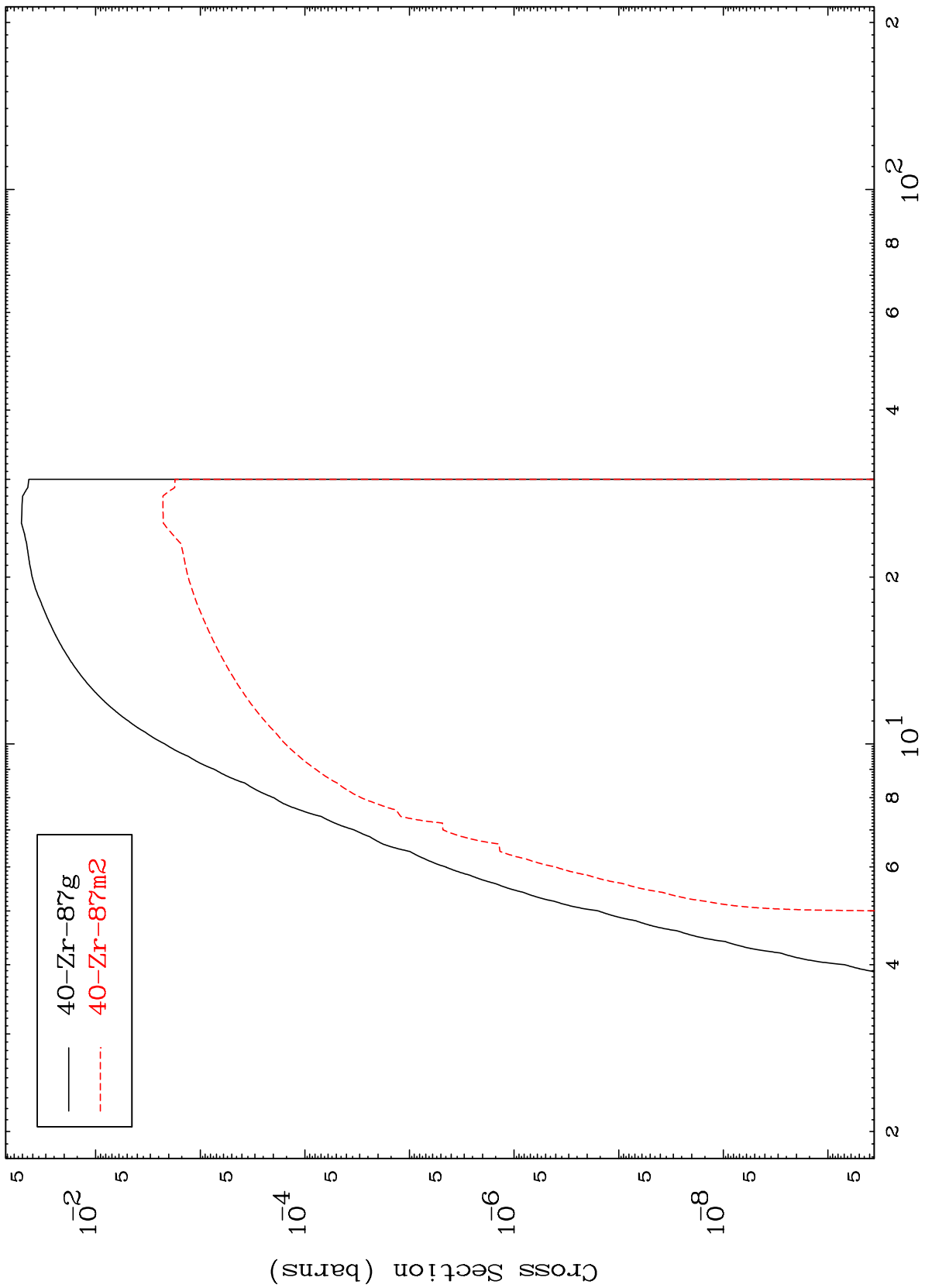
91

41-Nb-88

MAT 4110

41-Nb-88

(n,d)
Radionuclide Production Cross Section



92

41-Nb-88

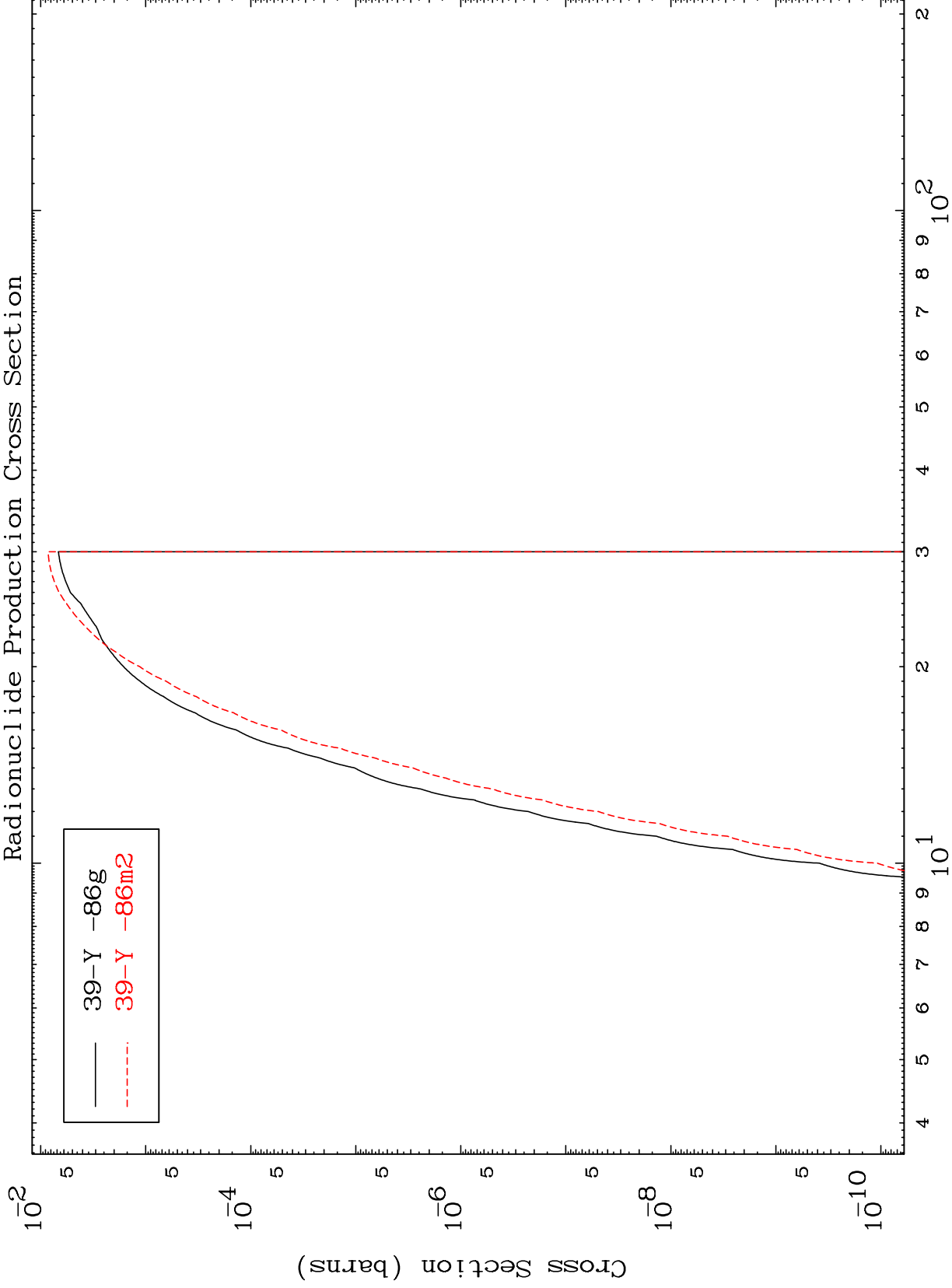
Incident Energy (MeV)

MAT 4110

(n,He-3)

41-Nb-88

Radionuclide Production Cross Section

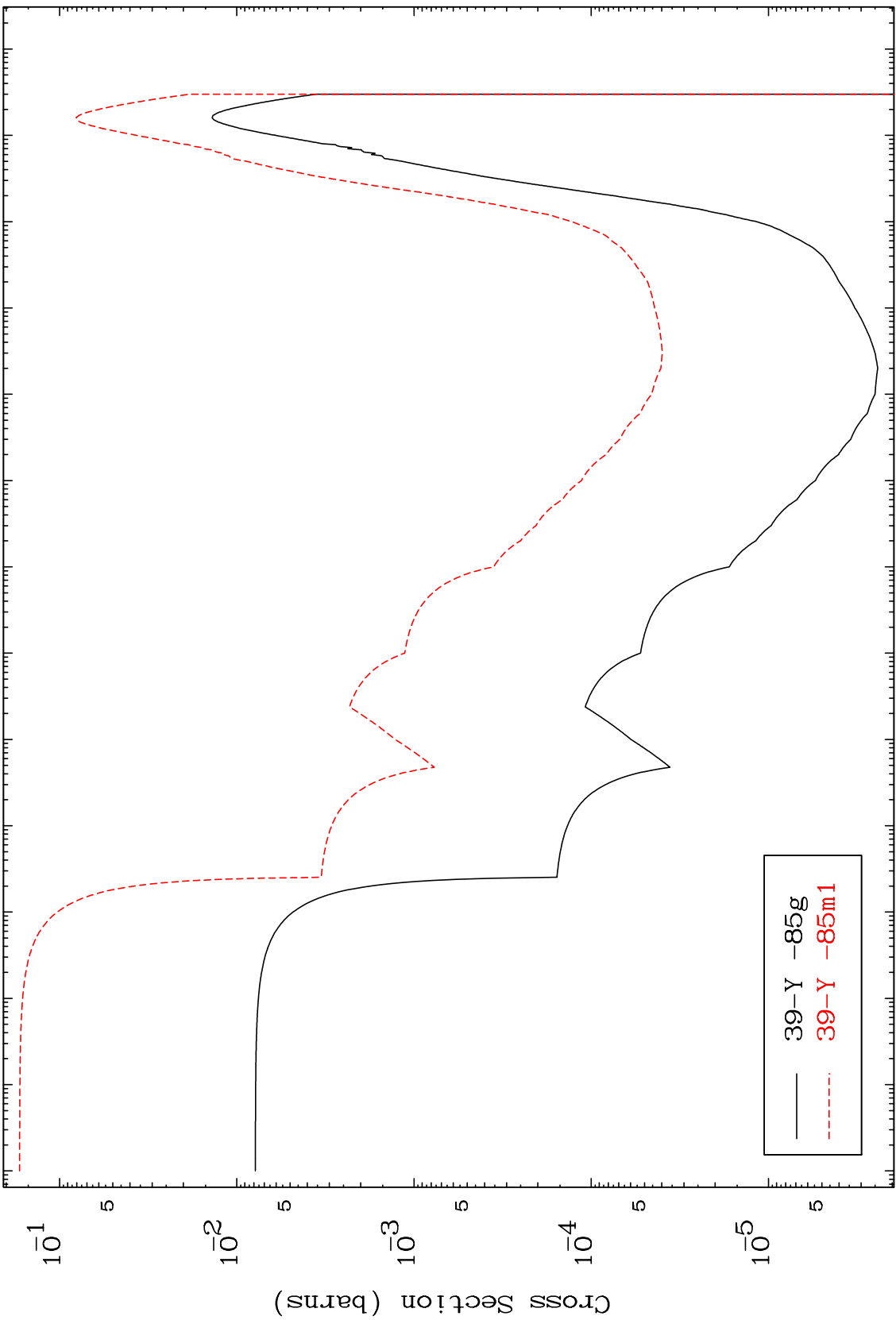


93

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section (n,α)



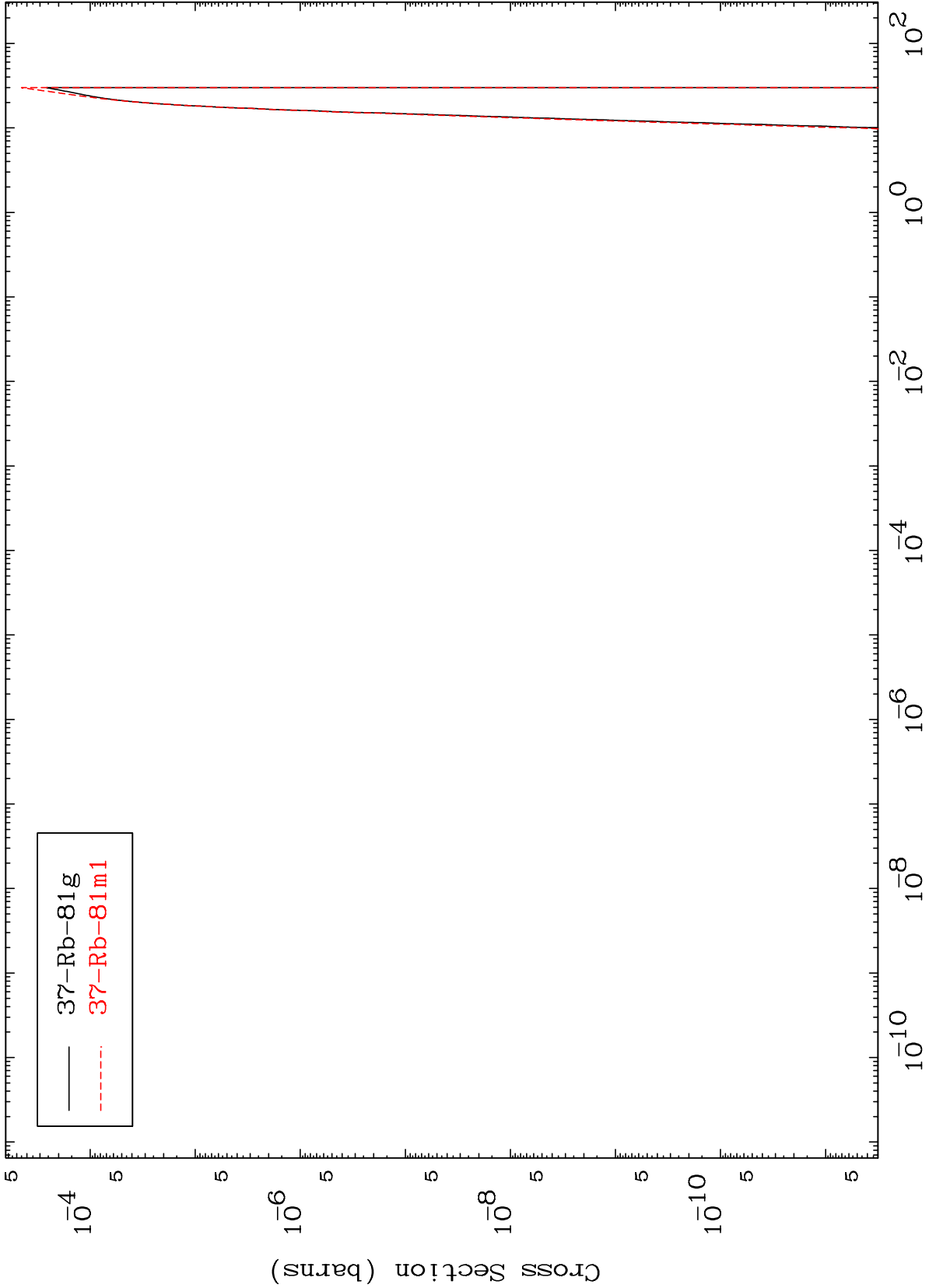
— 39-Y -85g
- - - 39-Y -85m1

MAT 4110

(n,2α)

41-Nb-88

Radionuclide Production Cross Section



95

Incident Energy (MeV)

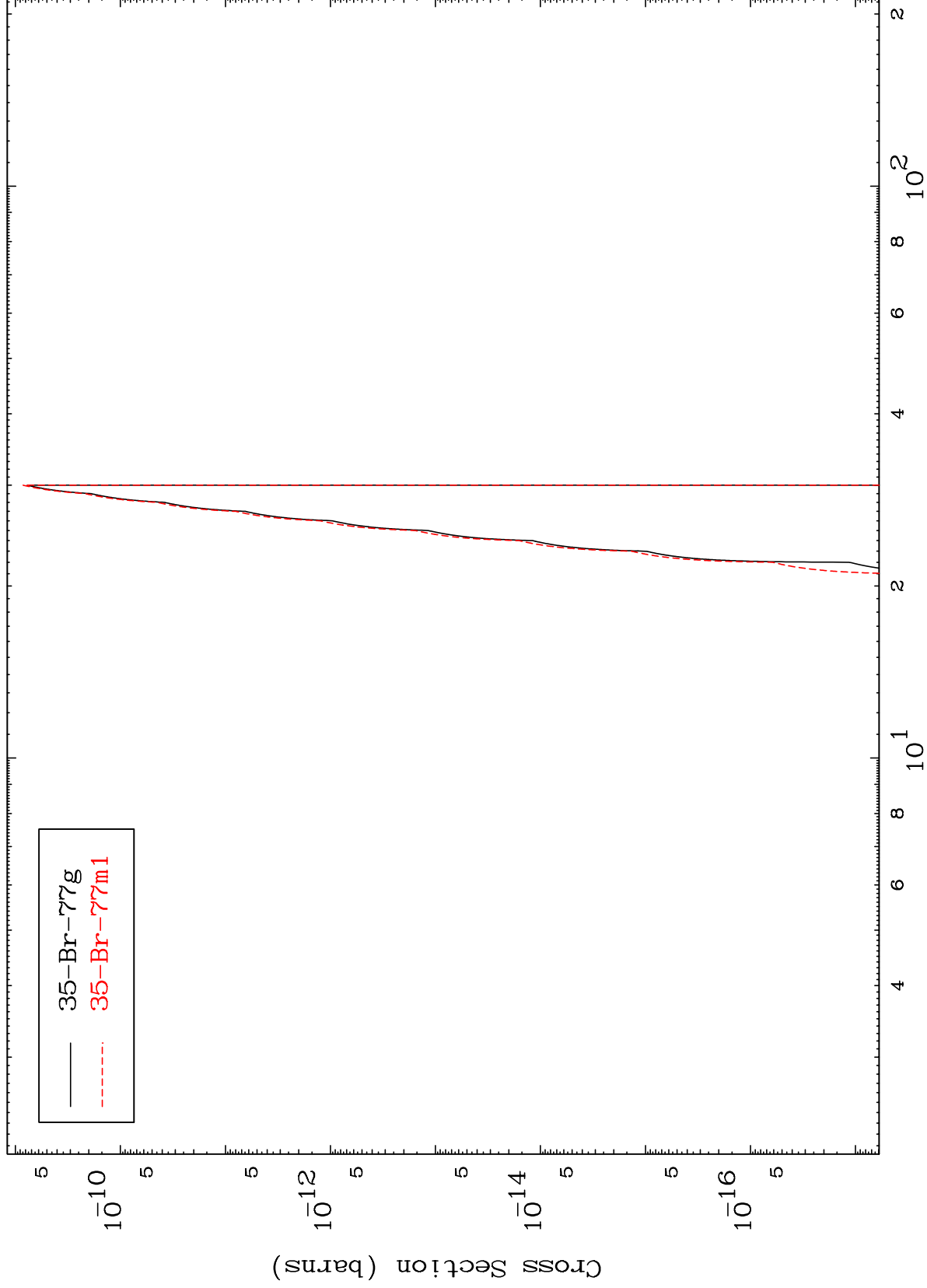
41-Nb-88

MAT 4110

(n, 3α)

41-Nb-88

Radionuclide Production Cross Section



96

Incident Energy (MeV)

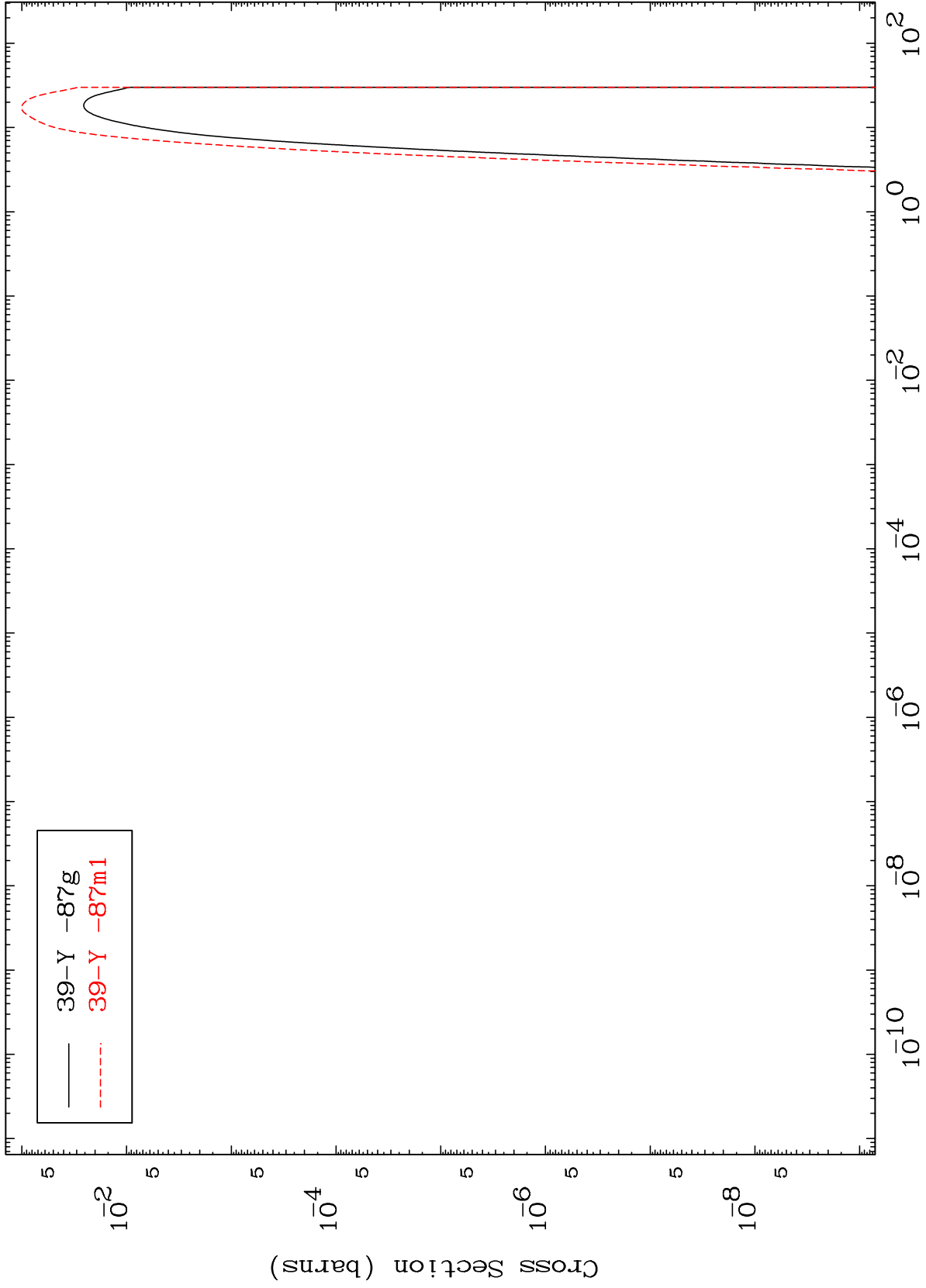
41-Nb-88

MAT 4110

(n,2p)

41-Nb-88

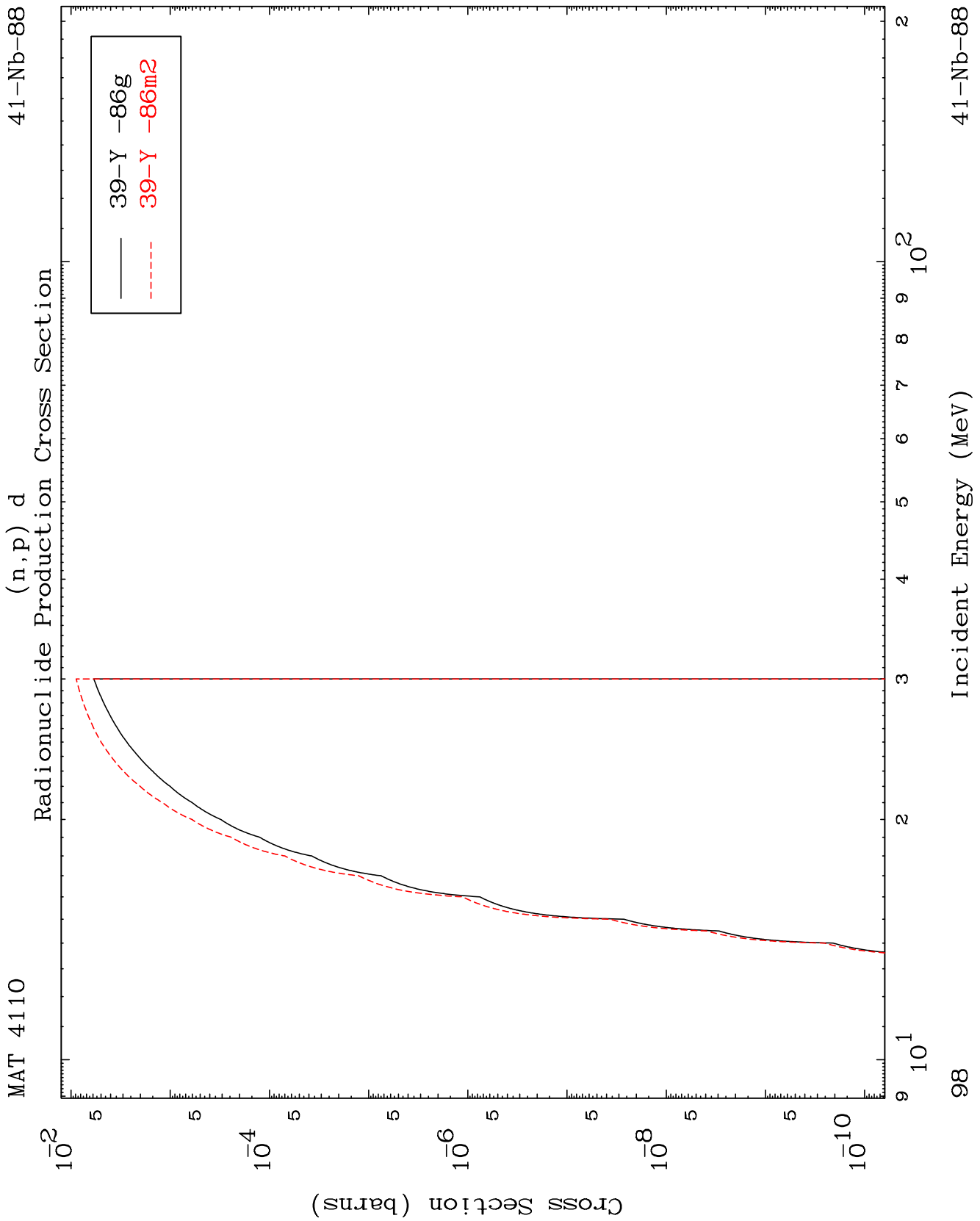
Radionuclide Production Cross Section



97

Incident Energy (MeV)

41-Nb-88

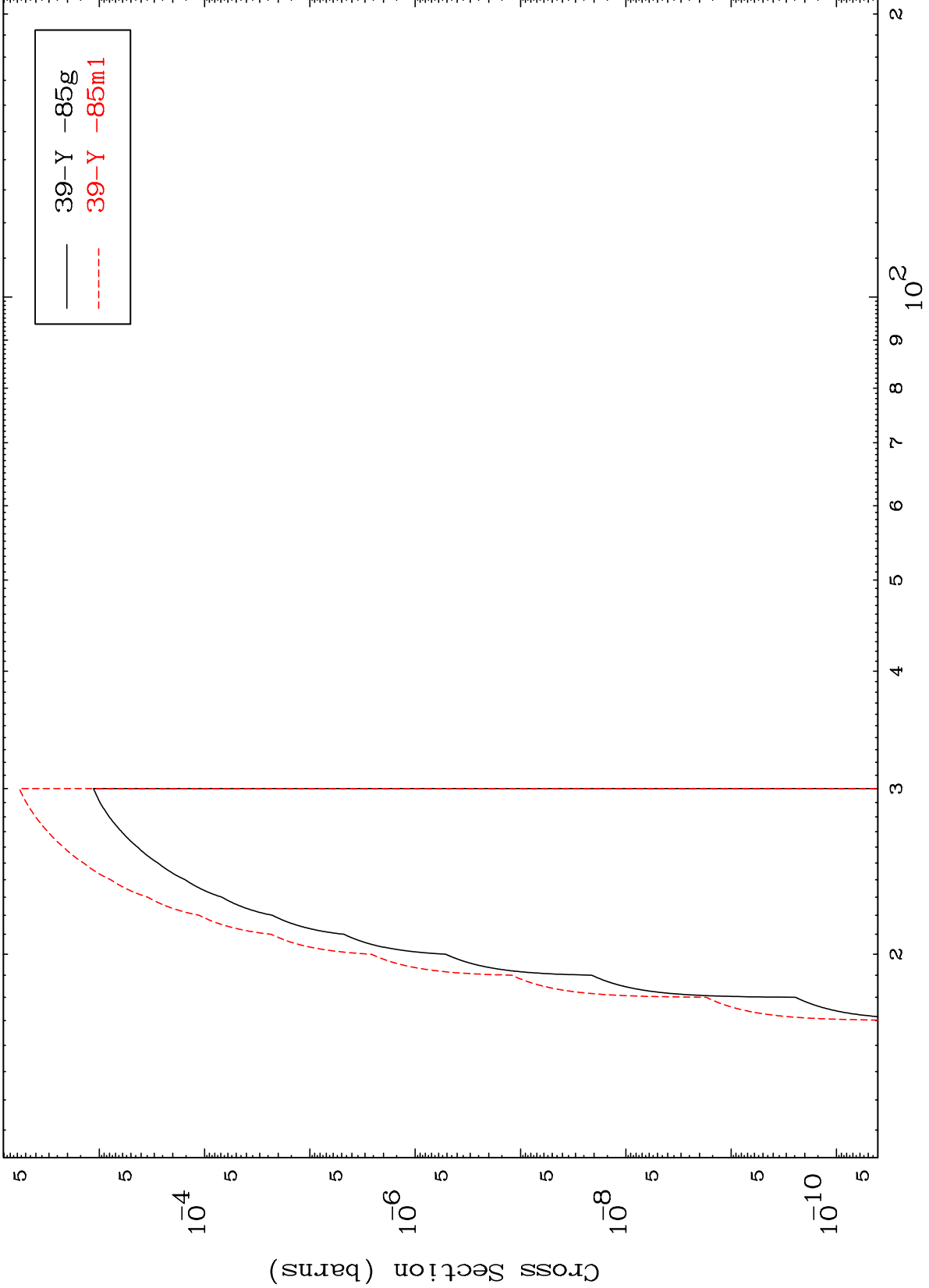


MAT 4110

(n,p) t

41-Nb-88

Radionuclide Production Cross Section



39-Y -85g
39-Y -85m1

99

Incident Energy (MeV)

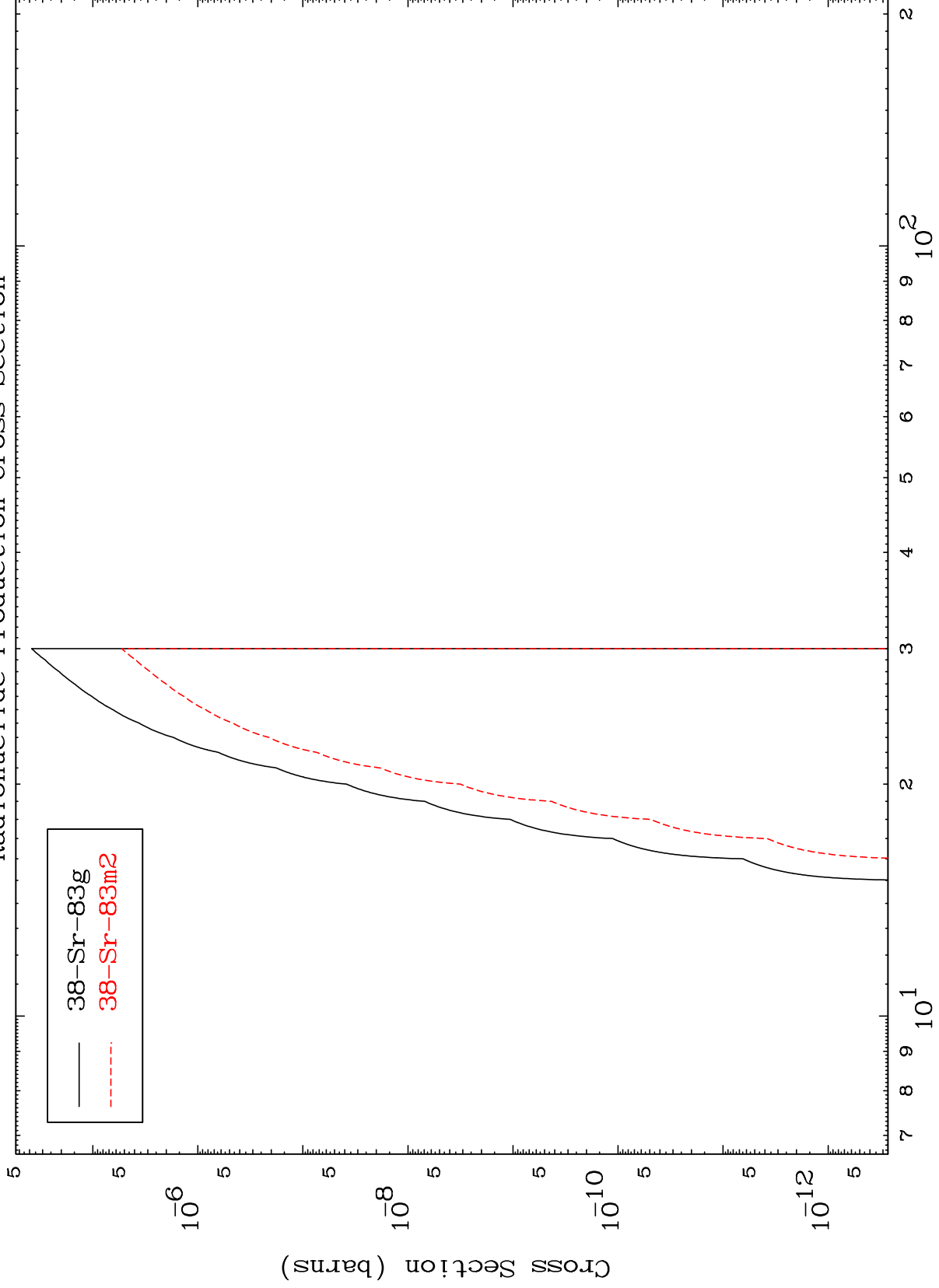
41-Nb-88

MAT 4110

(n,d) α

41-Nb-88

Radionuclide Production Cross Section



100

Incident Energy (MeV)

41-Nb-88