

Program EVALPLOT
(Version 2021-1)

by

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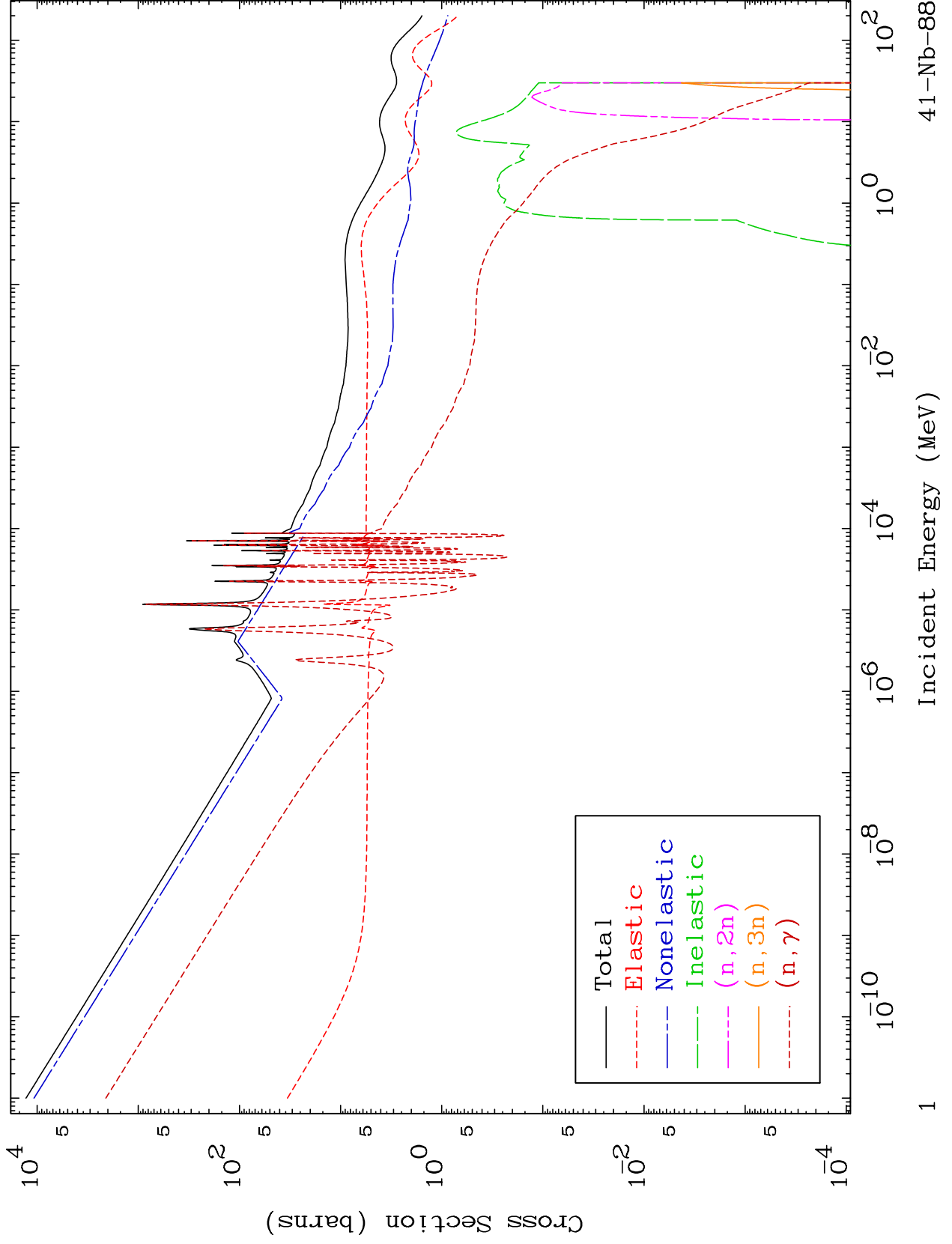
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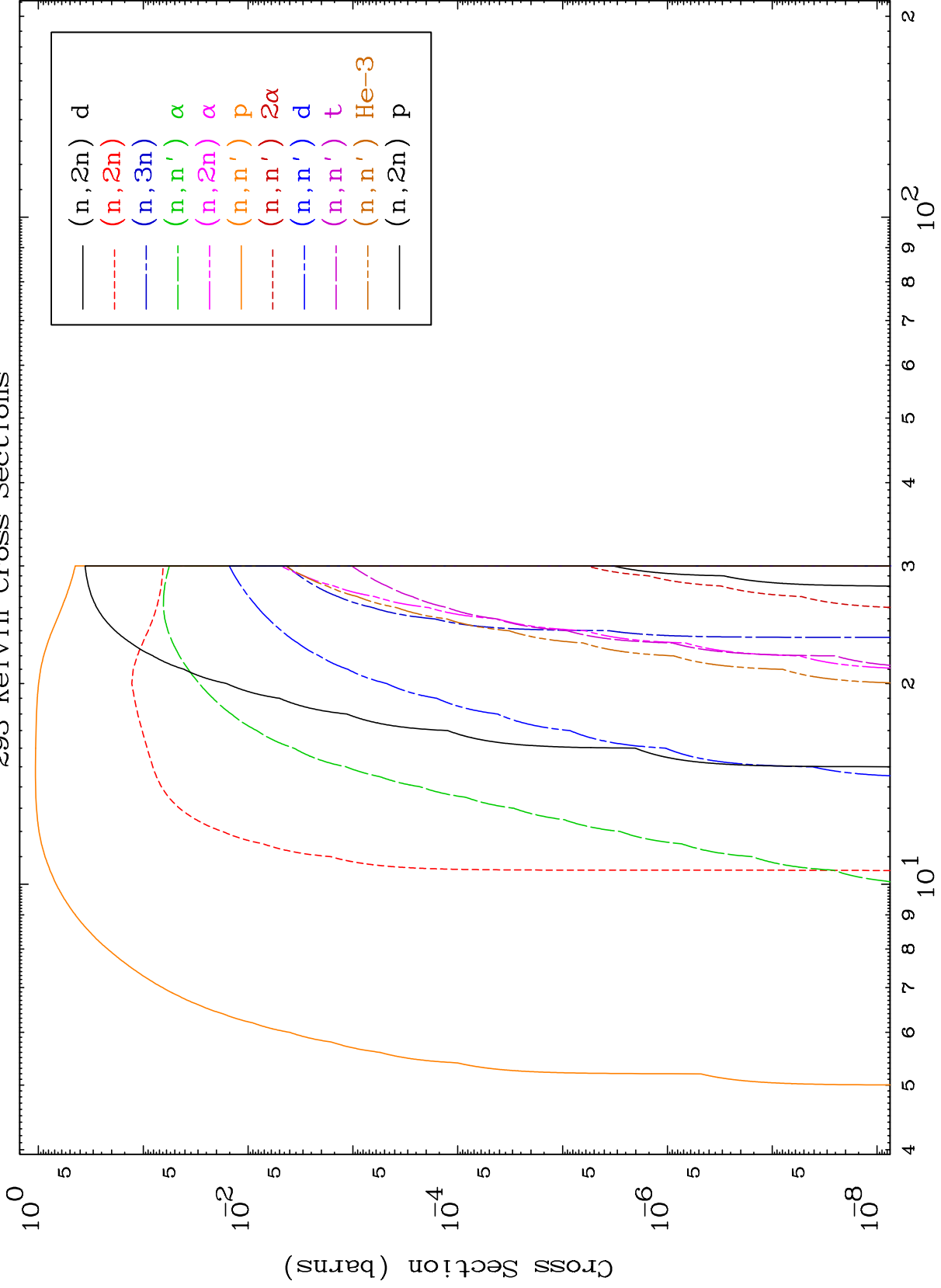
Press Mouse Button to Start

MAT 4110

Neutron Major
293 Kelvin Cross Sections

41-Nb-88

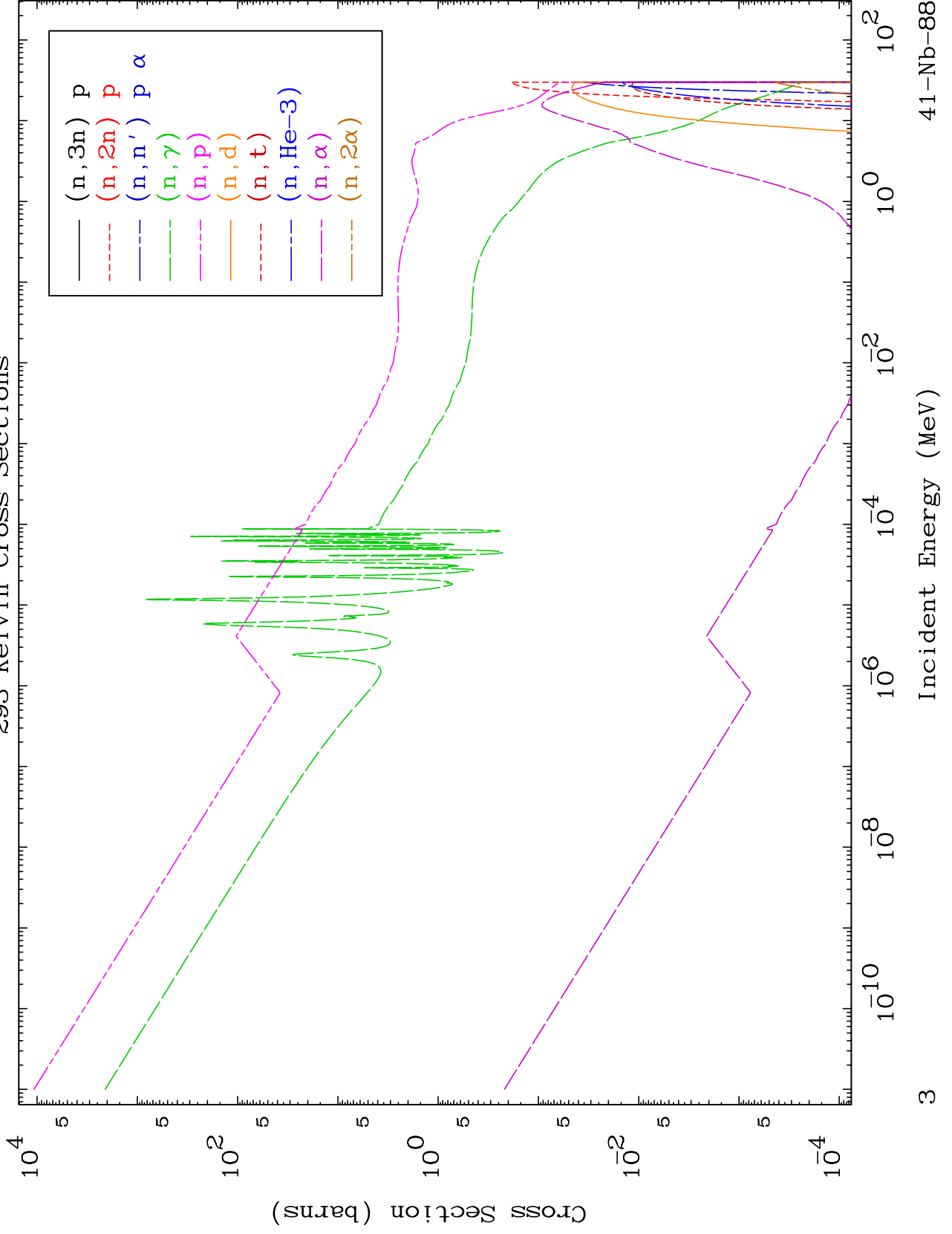




MAT 4110

Neutron Absorption
293 Kelvin Cross Sections

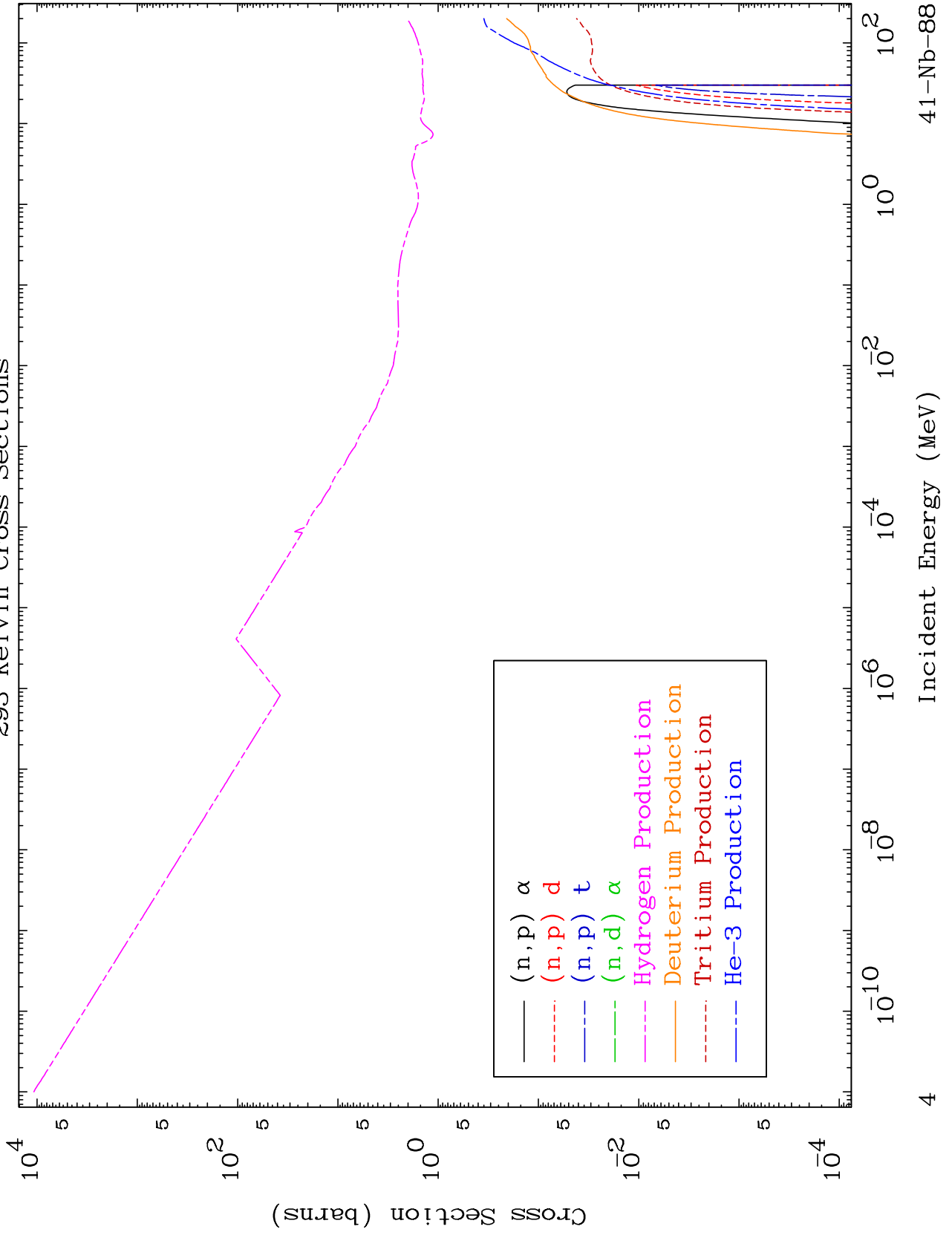
41-Nb-88



MAT 4110

Neutron Absorption
293 Kelvin Cross Sections

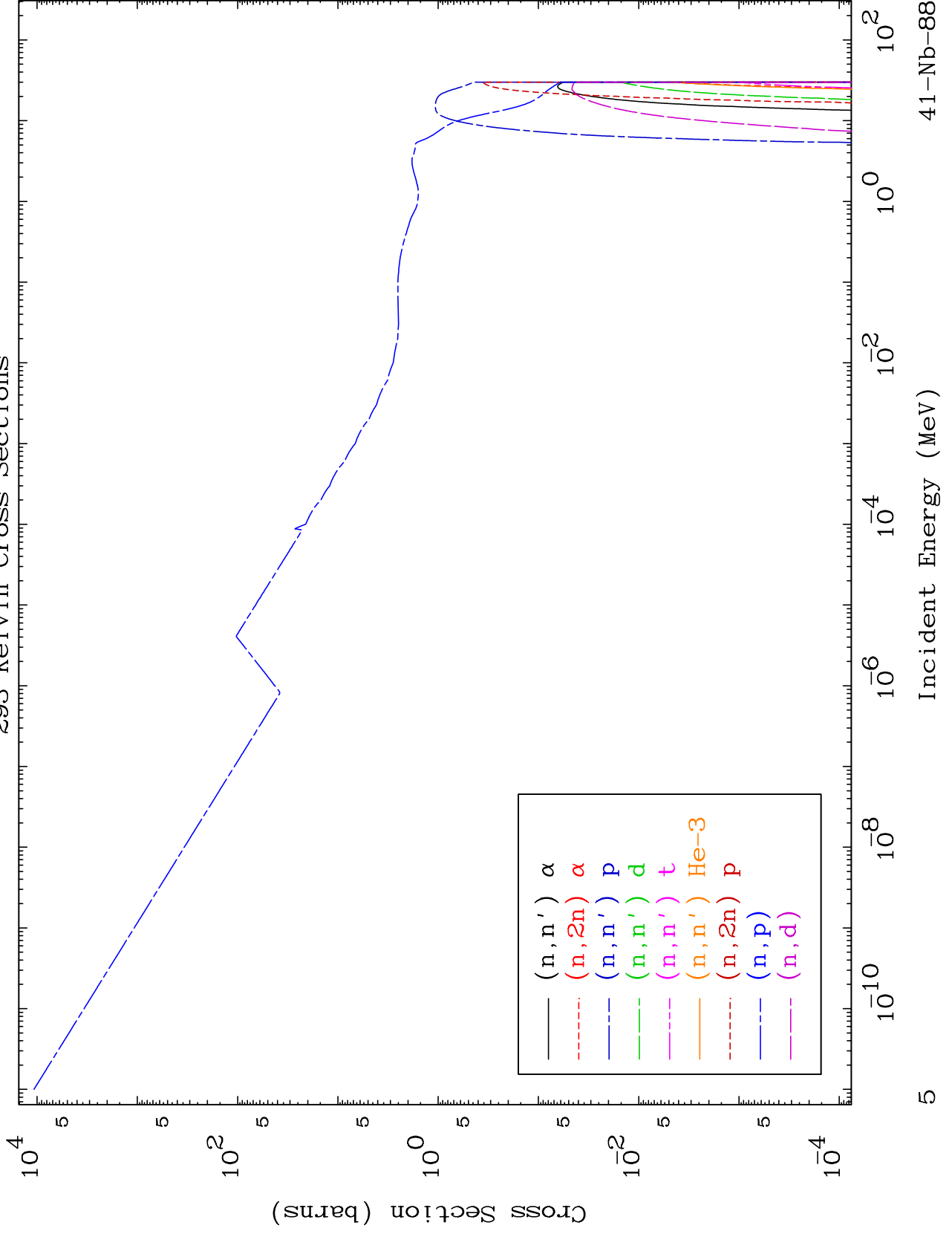
41-Nb-88



MAT 4110

Charged Particle
293 Kelvin Cross Sections

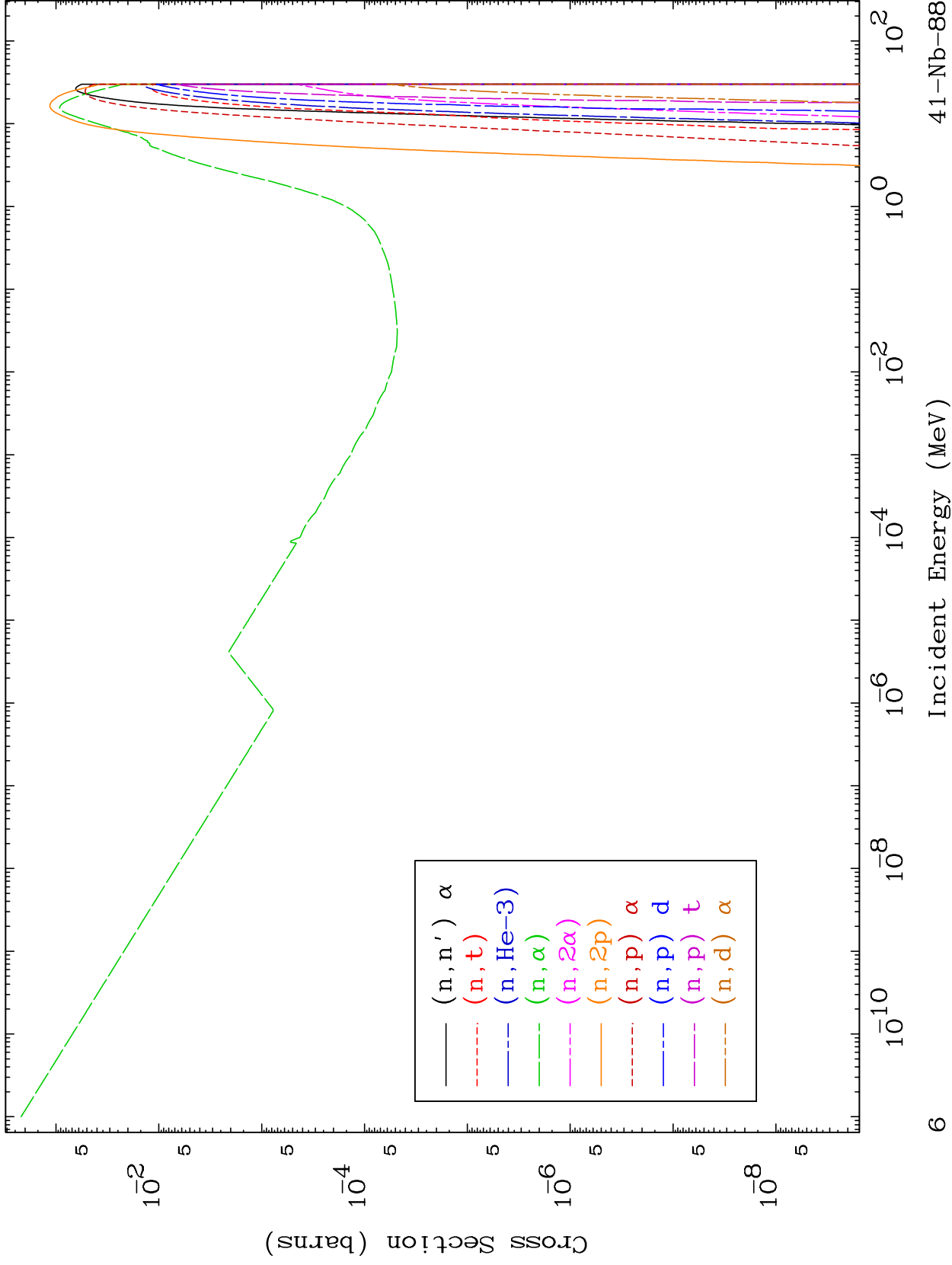
41-Nb-88



MAT 4110

Charged Particle
293 Kelvin Cross Sections

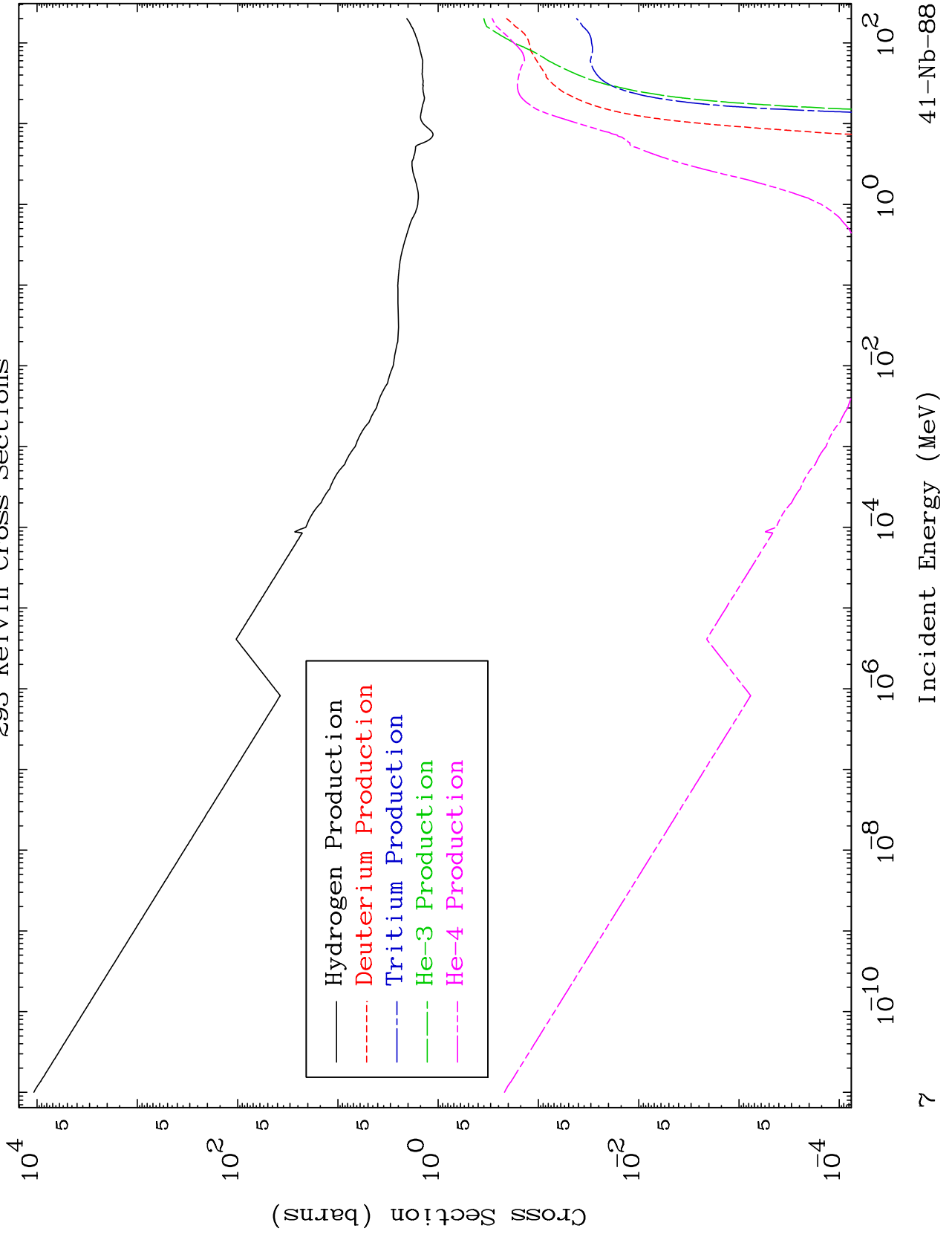
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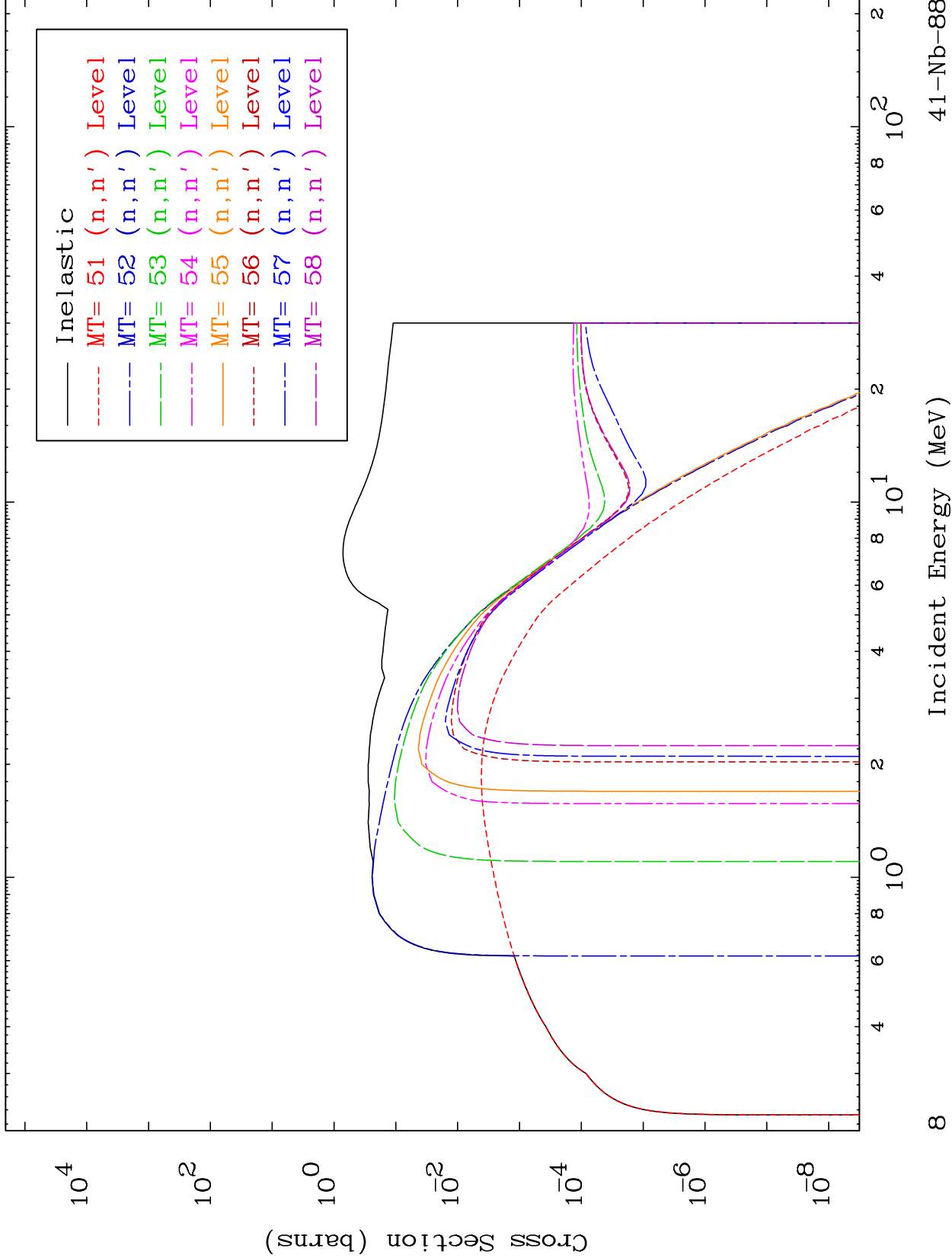


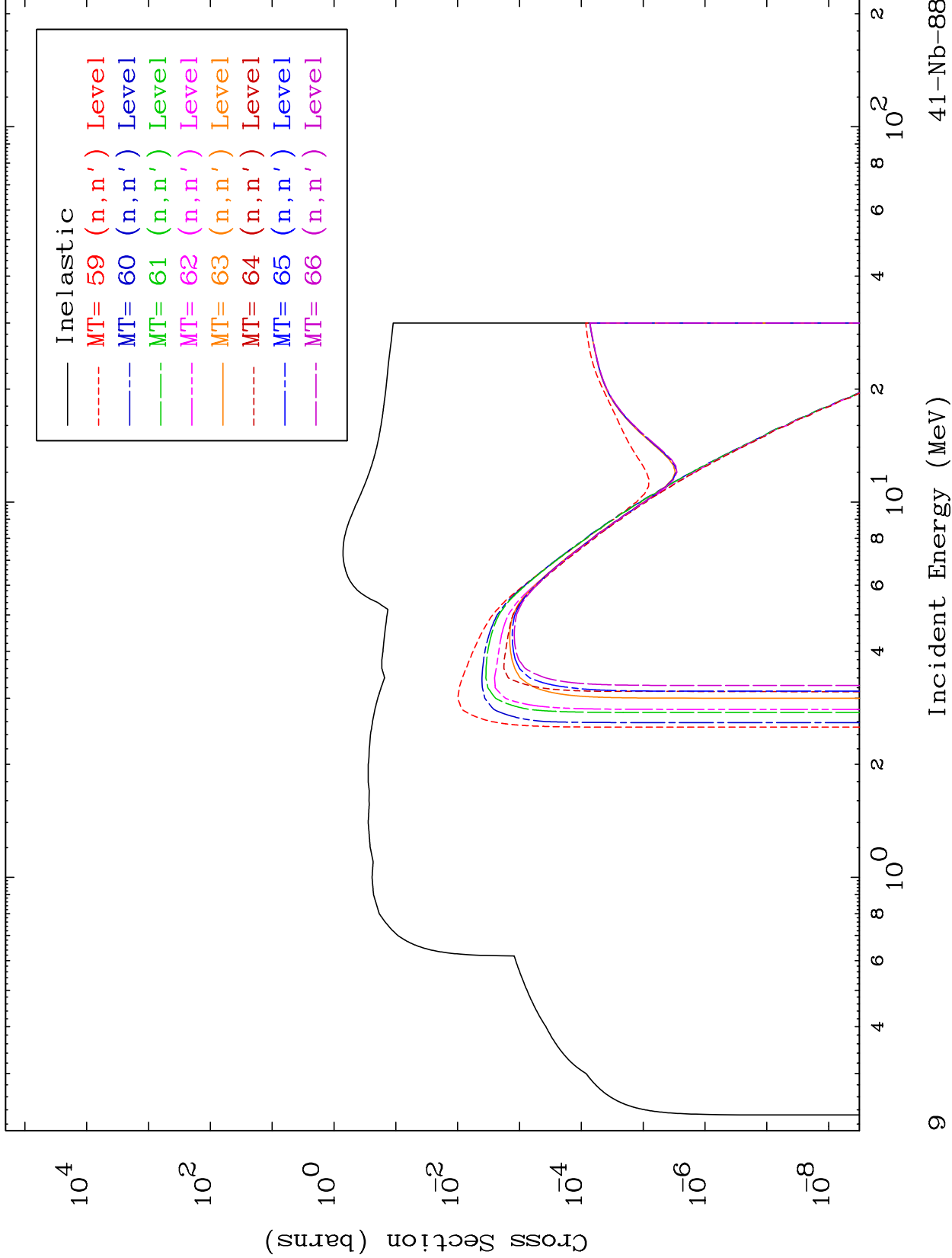
MAT 4110

Particle Production
293 Kelvin Cross Sections

41-Nb-88



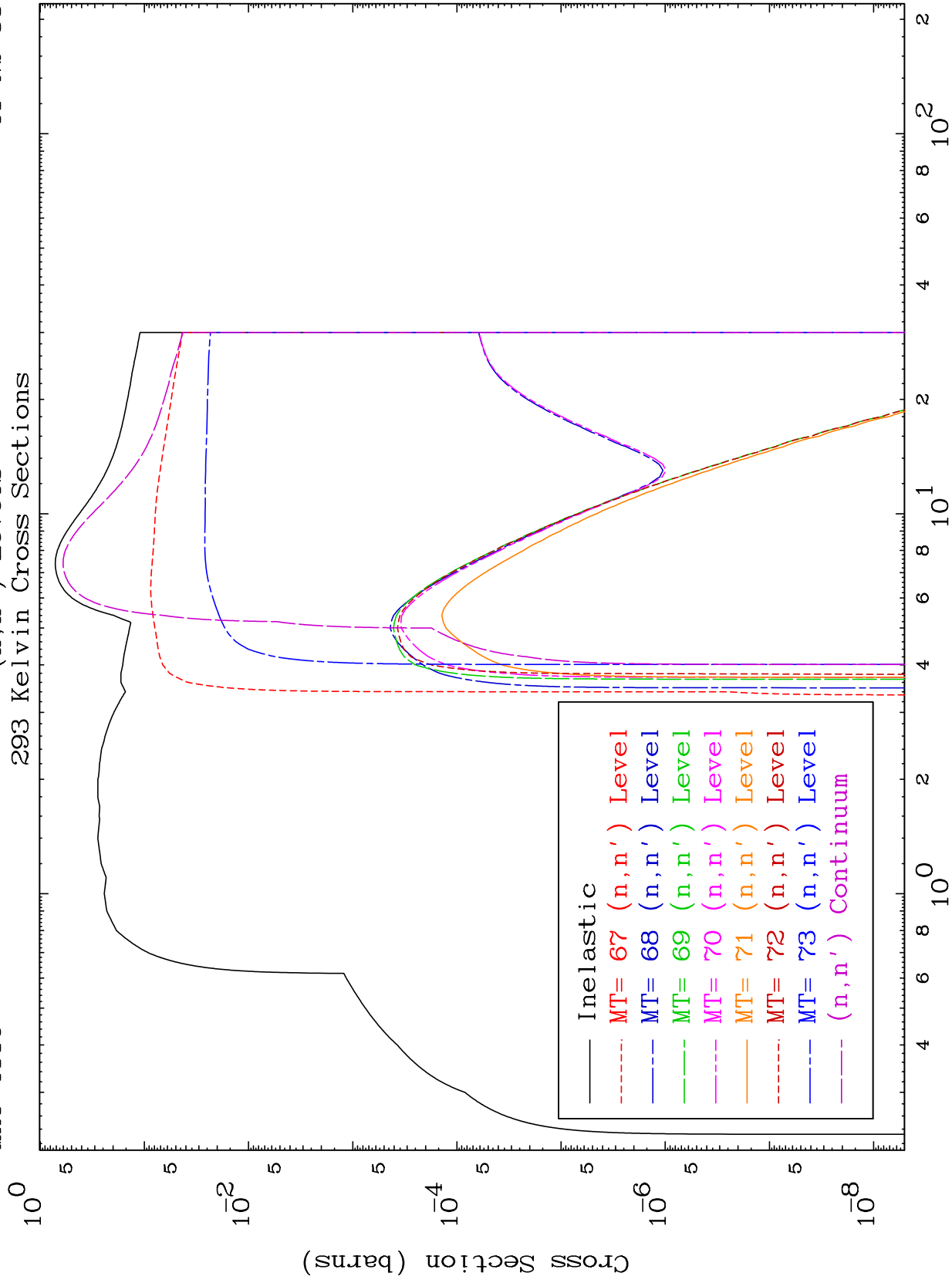




MAT 4110

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-88



10

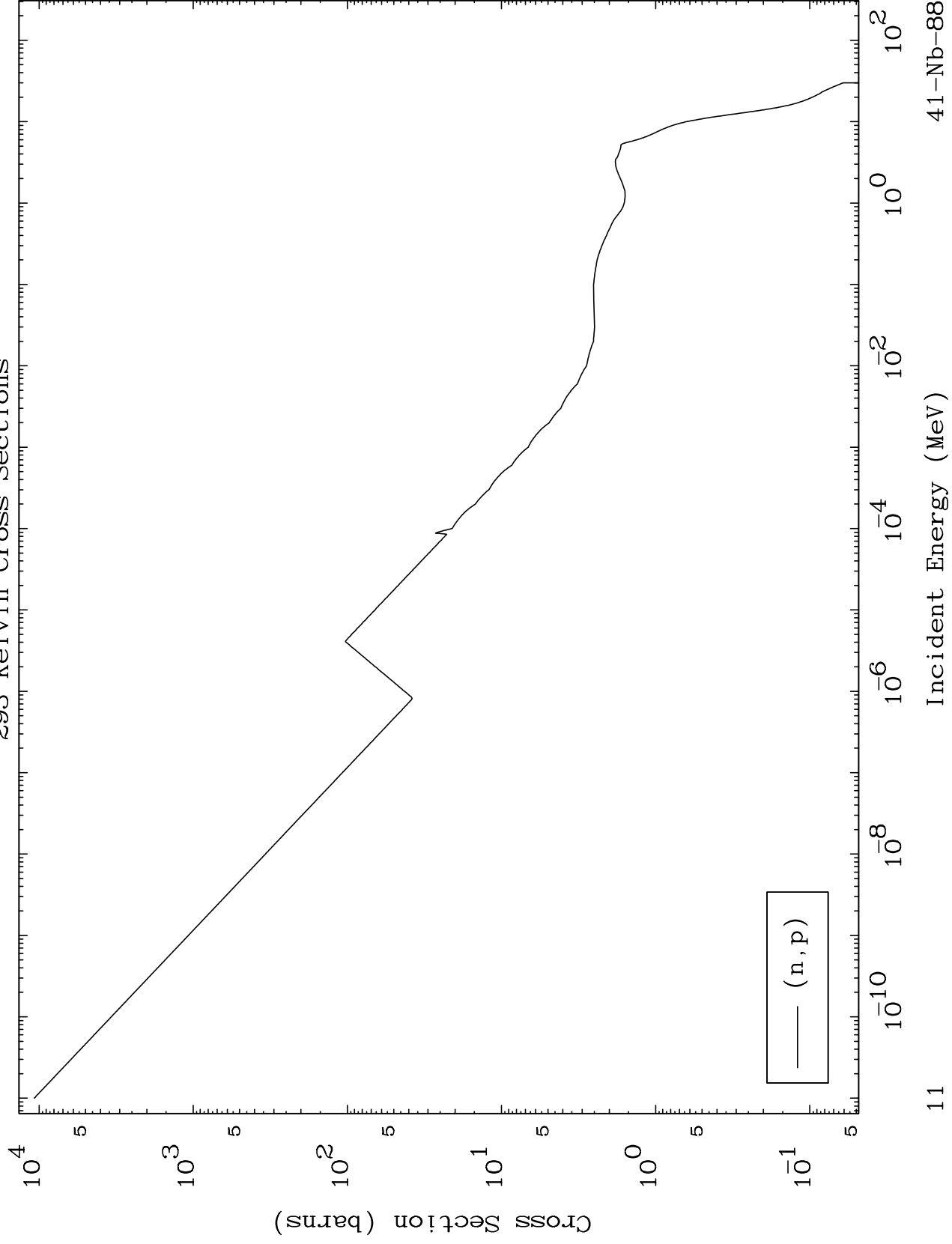
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,p) Levels
293 Kelvin Cross Sections

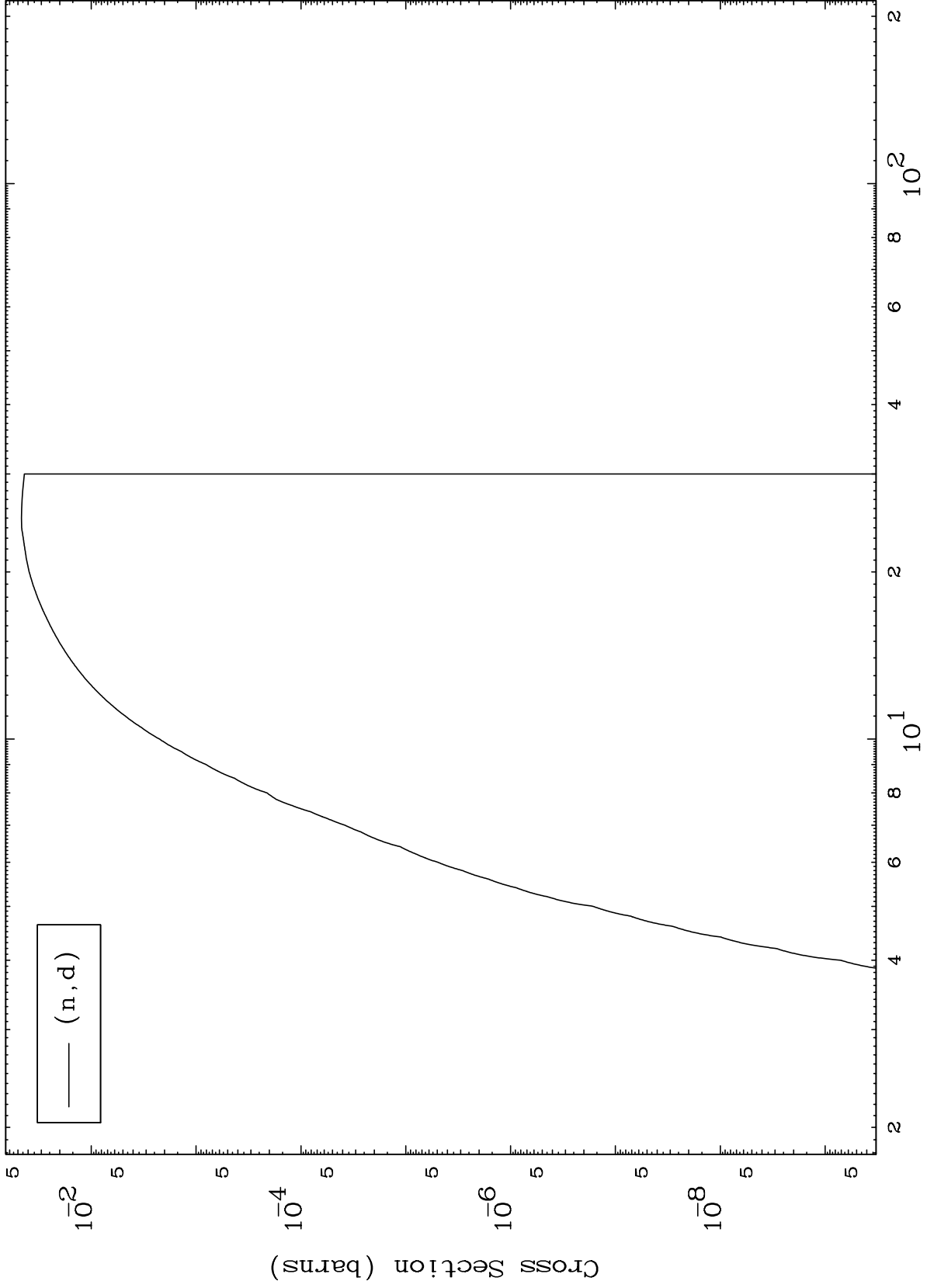
41-Nb-88



MAT 4110

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-88



12

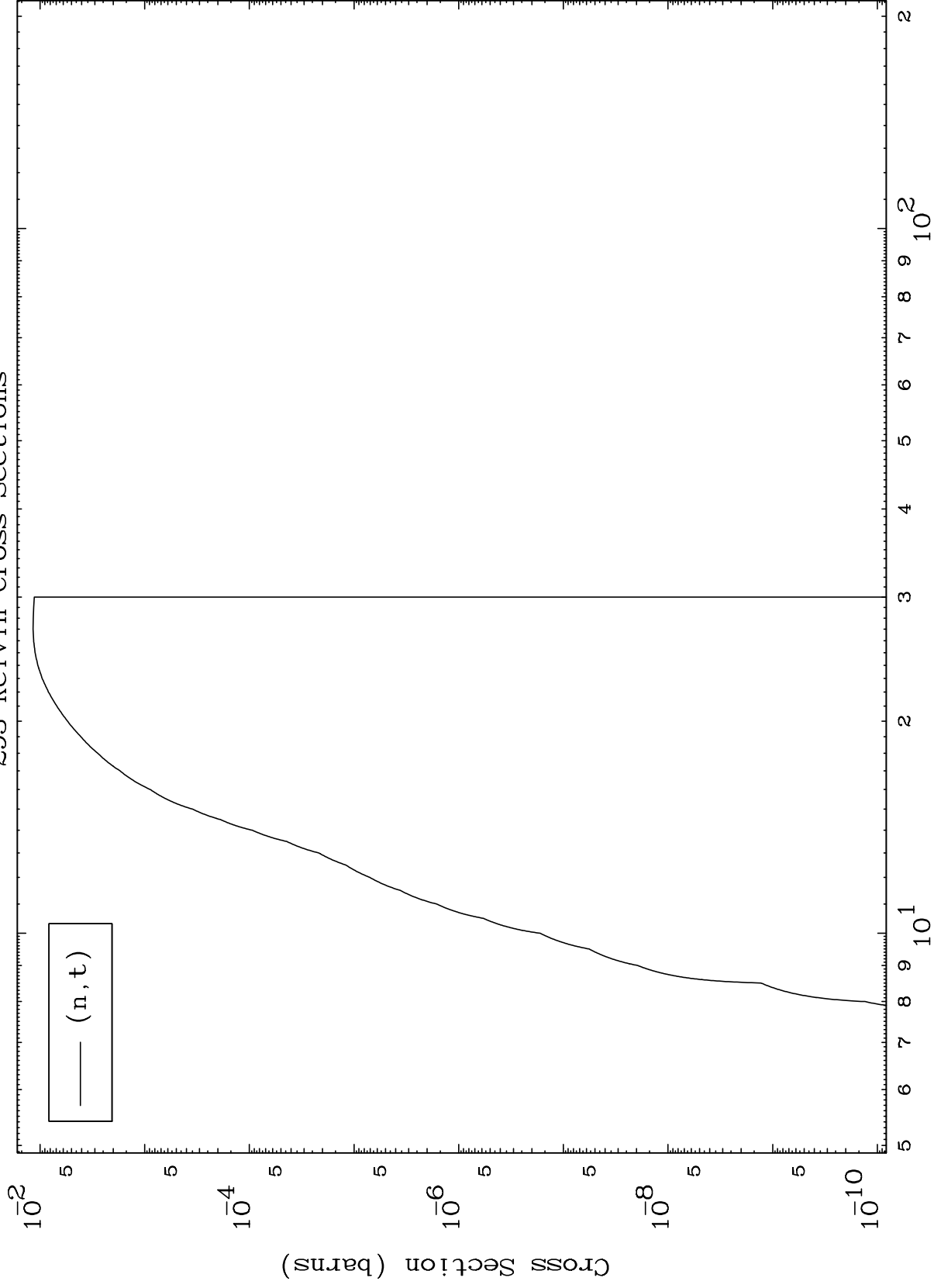
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-88



13

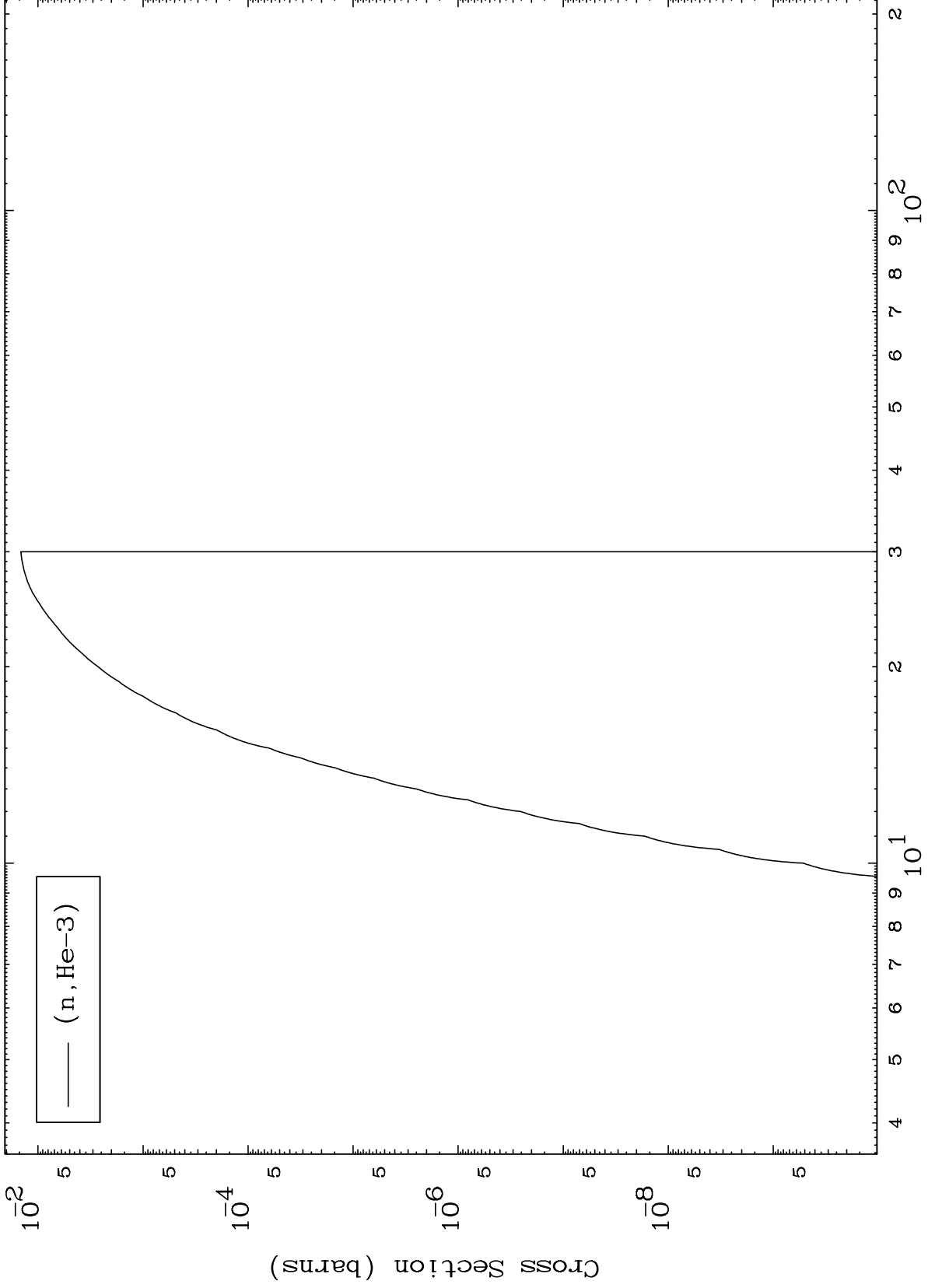
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-88



14

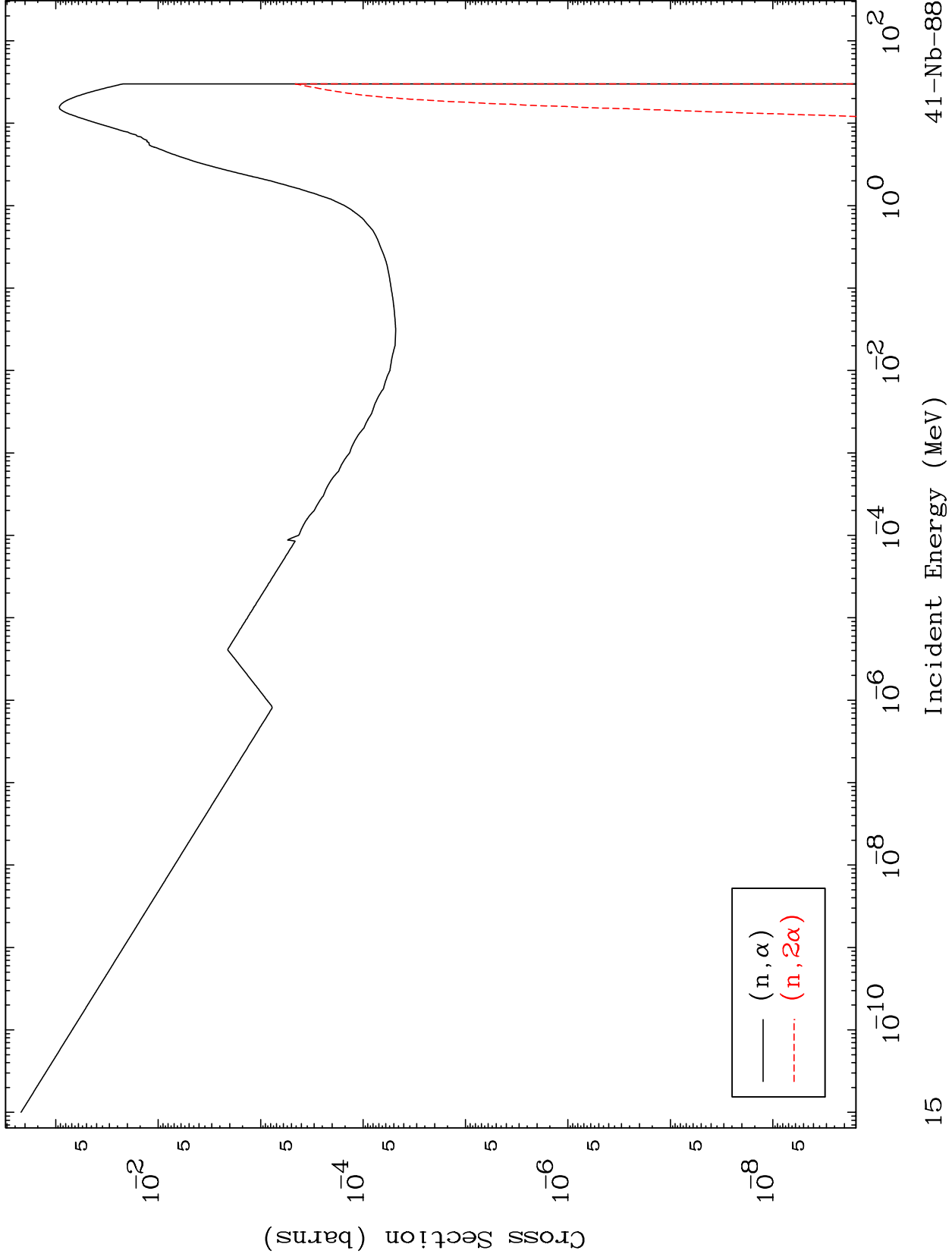
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n, α) Levels
293 Kelvin Cross Sections

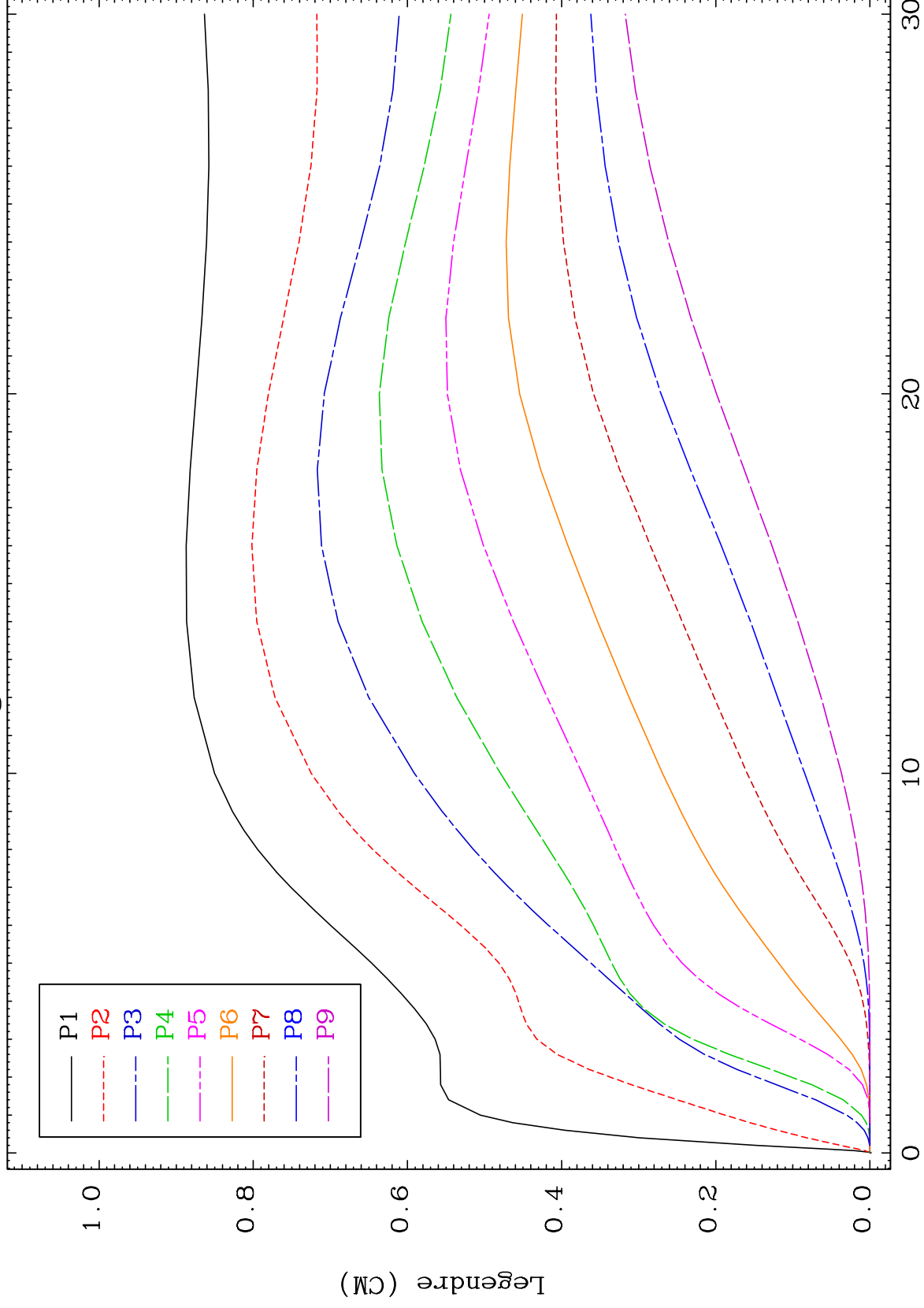
41-Nb-88



MAT 4110

Elastic Legendre Coefficients

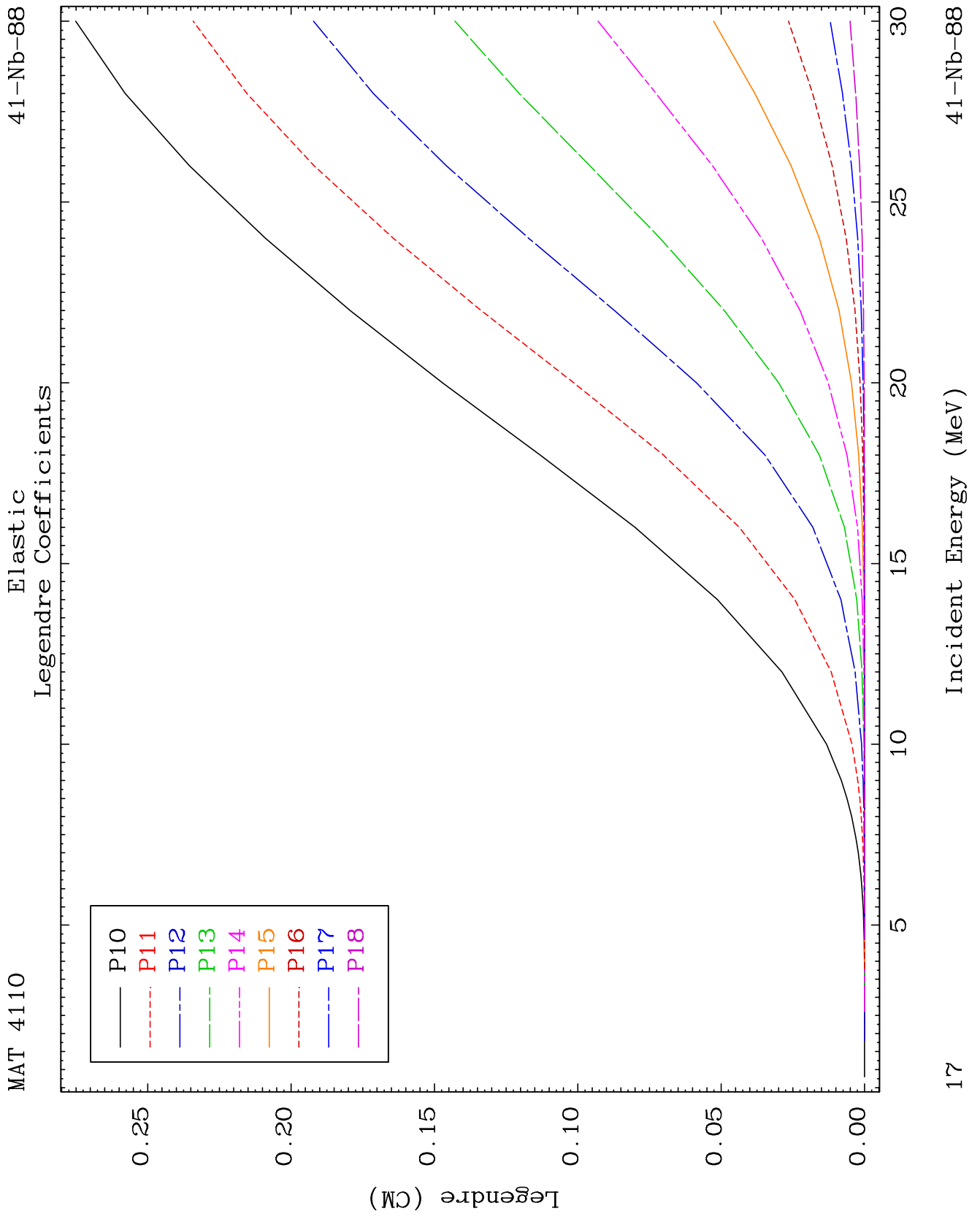
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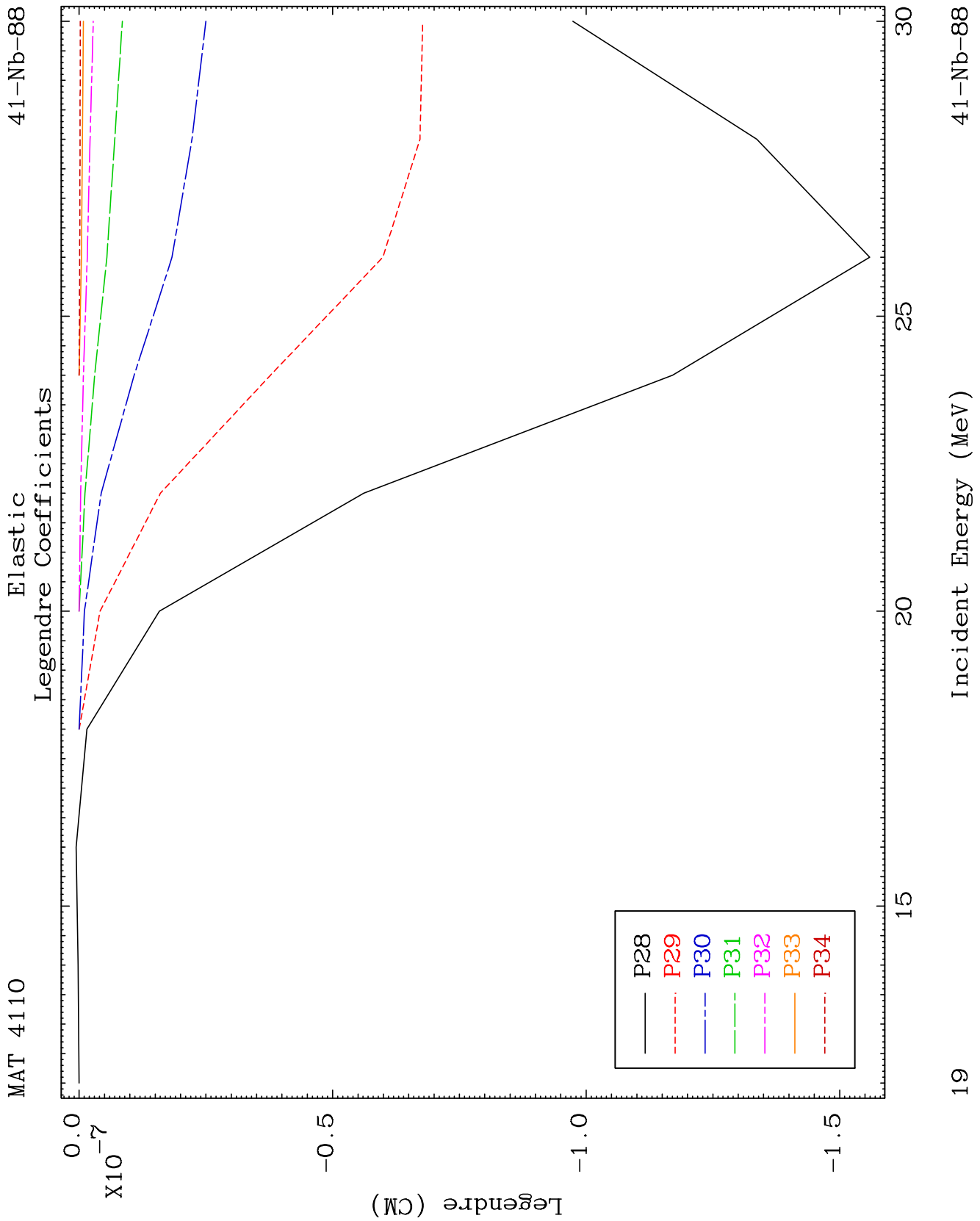


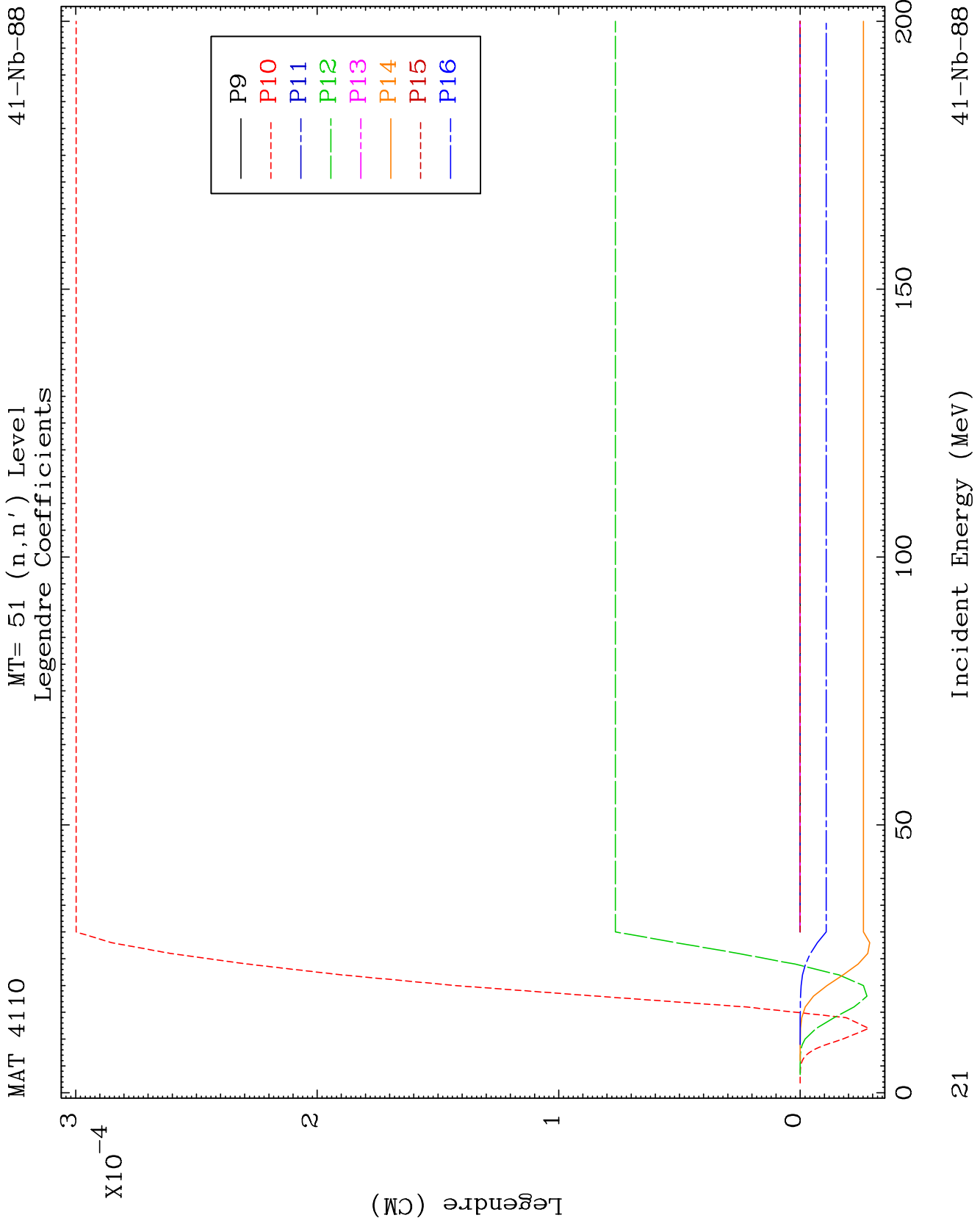
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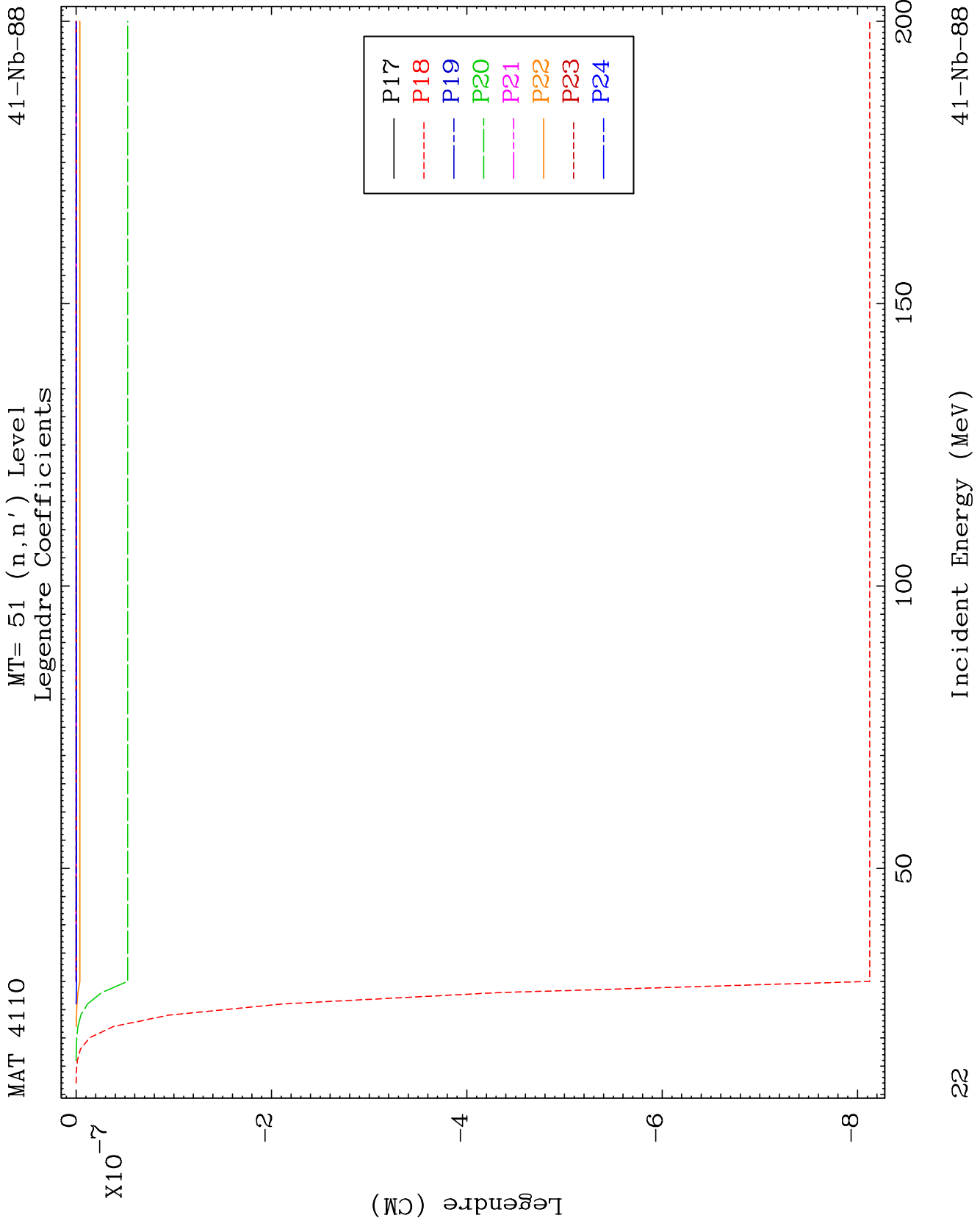
Incident Energy (MeV)

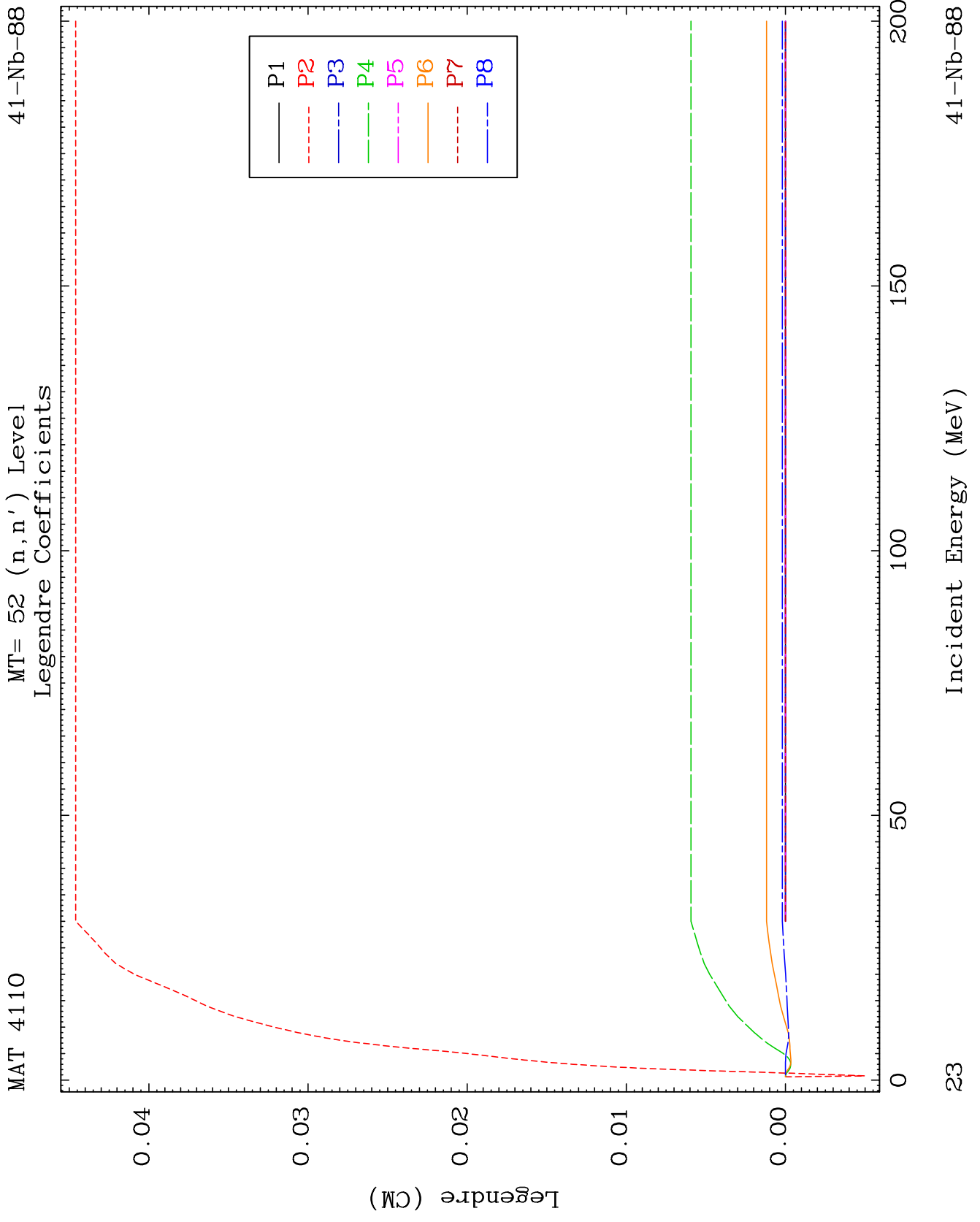
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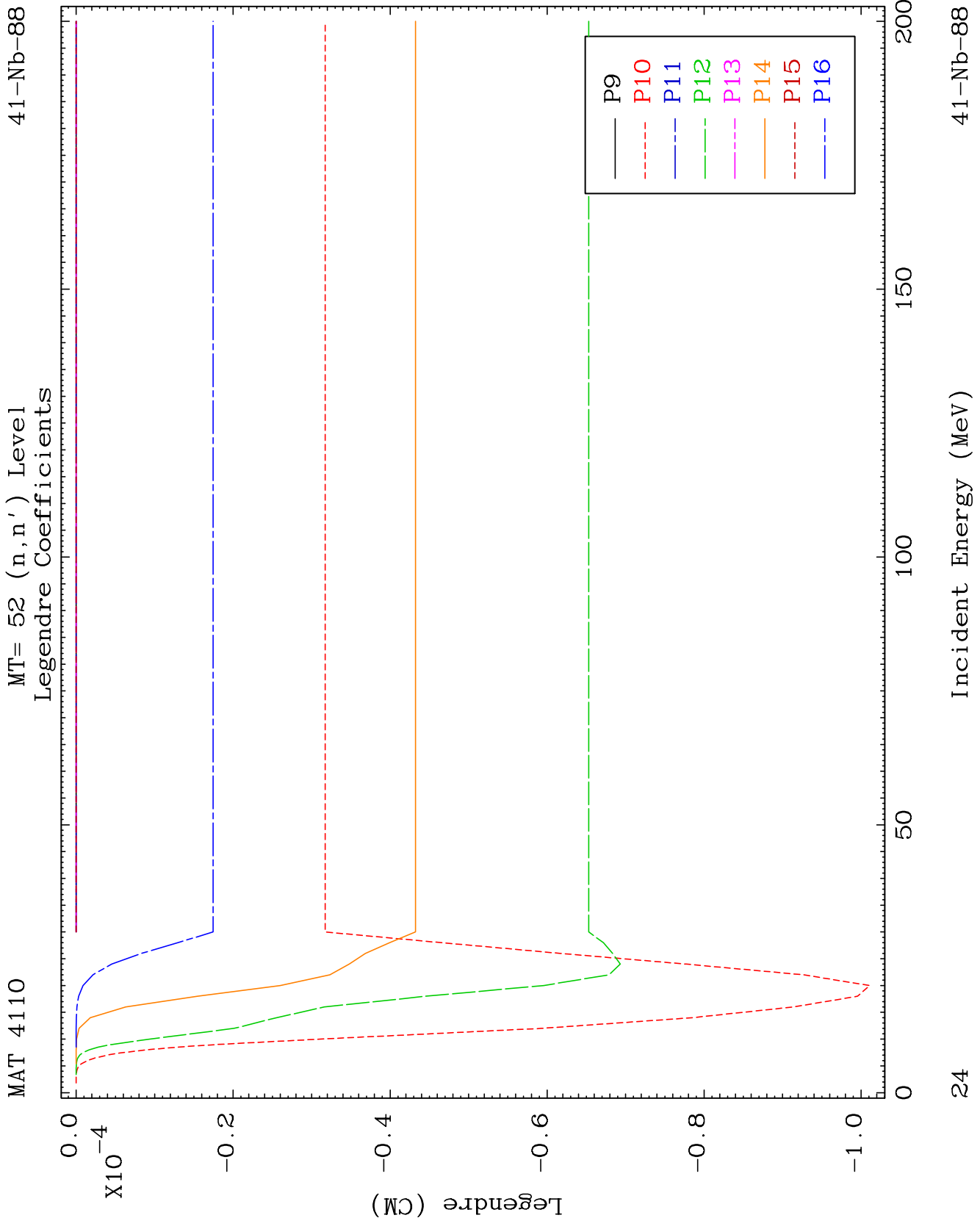








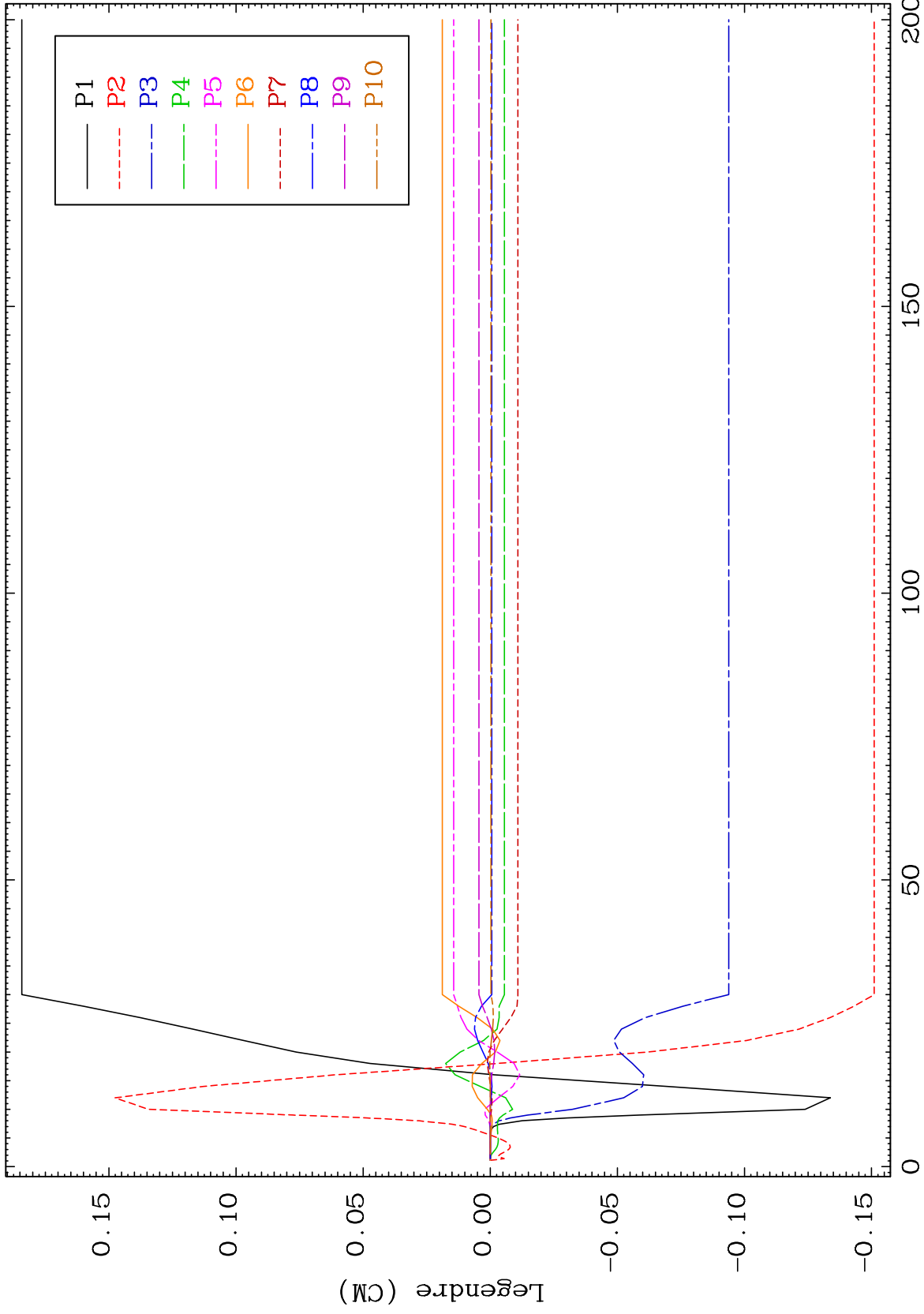




MAT 4110

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

41-Nb-88



26

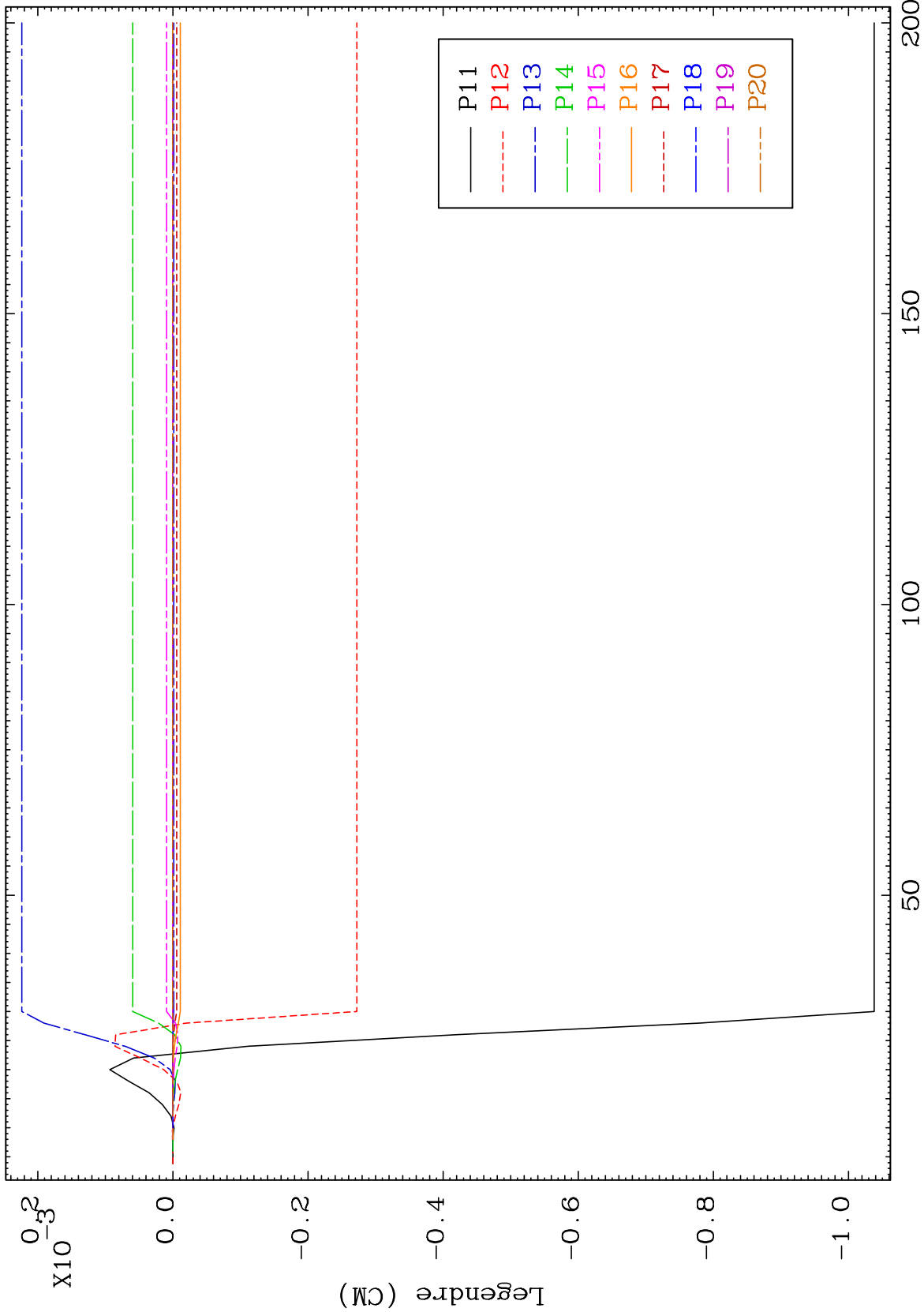
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

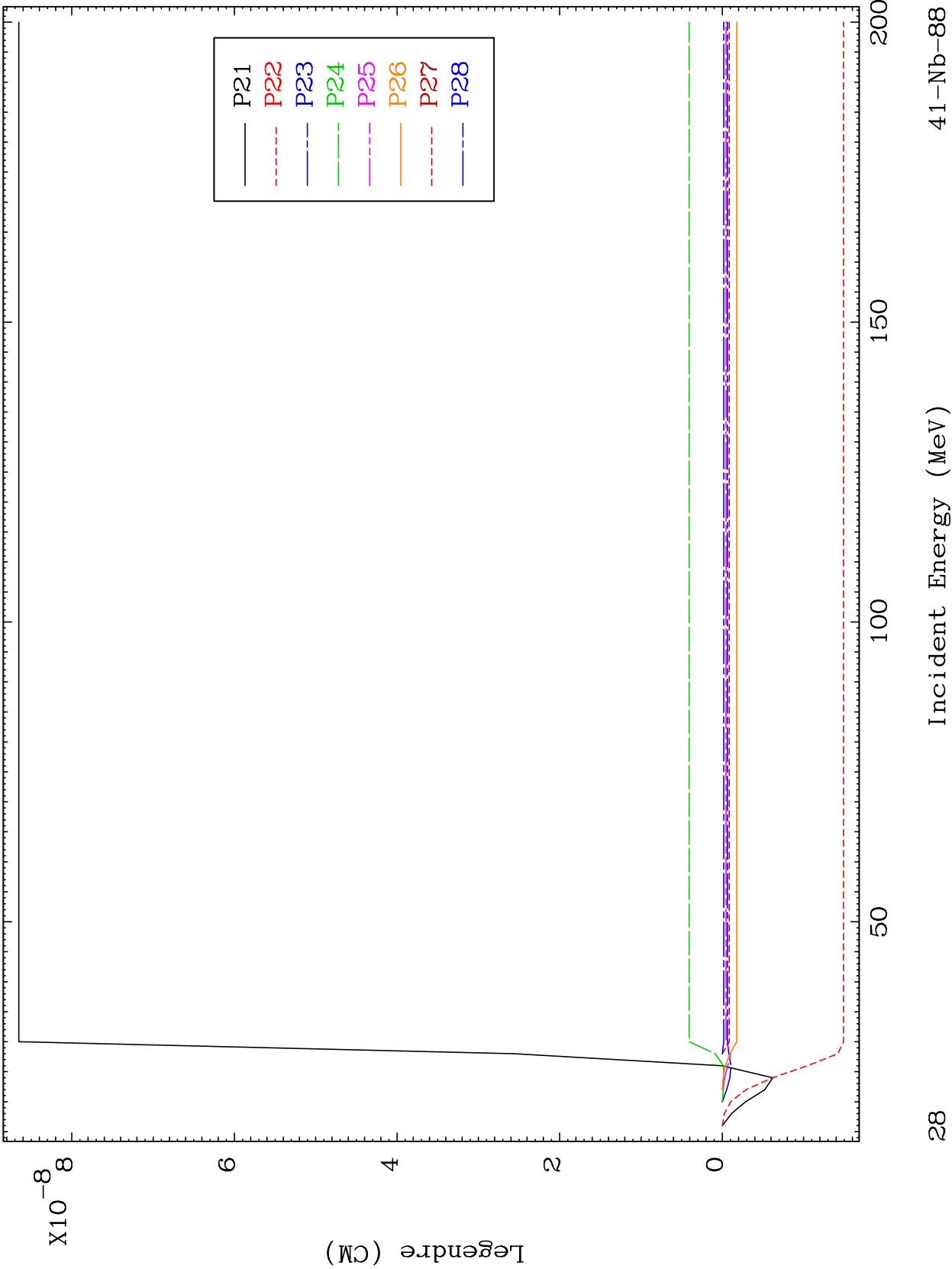
41-Nb-88



MAT 4110

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

41-Nb-88



28

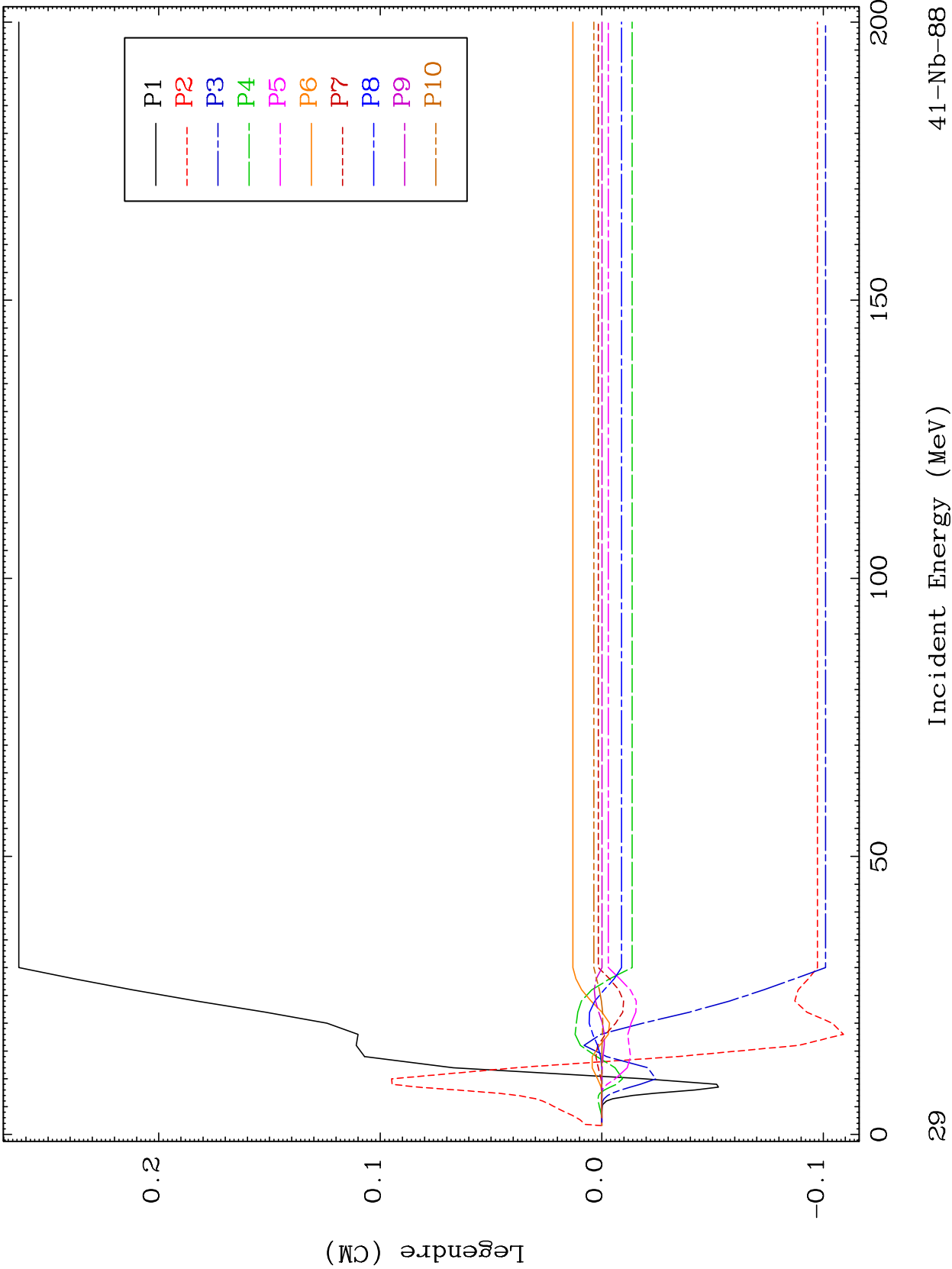
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



29

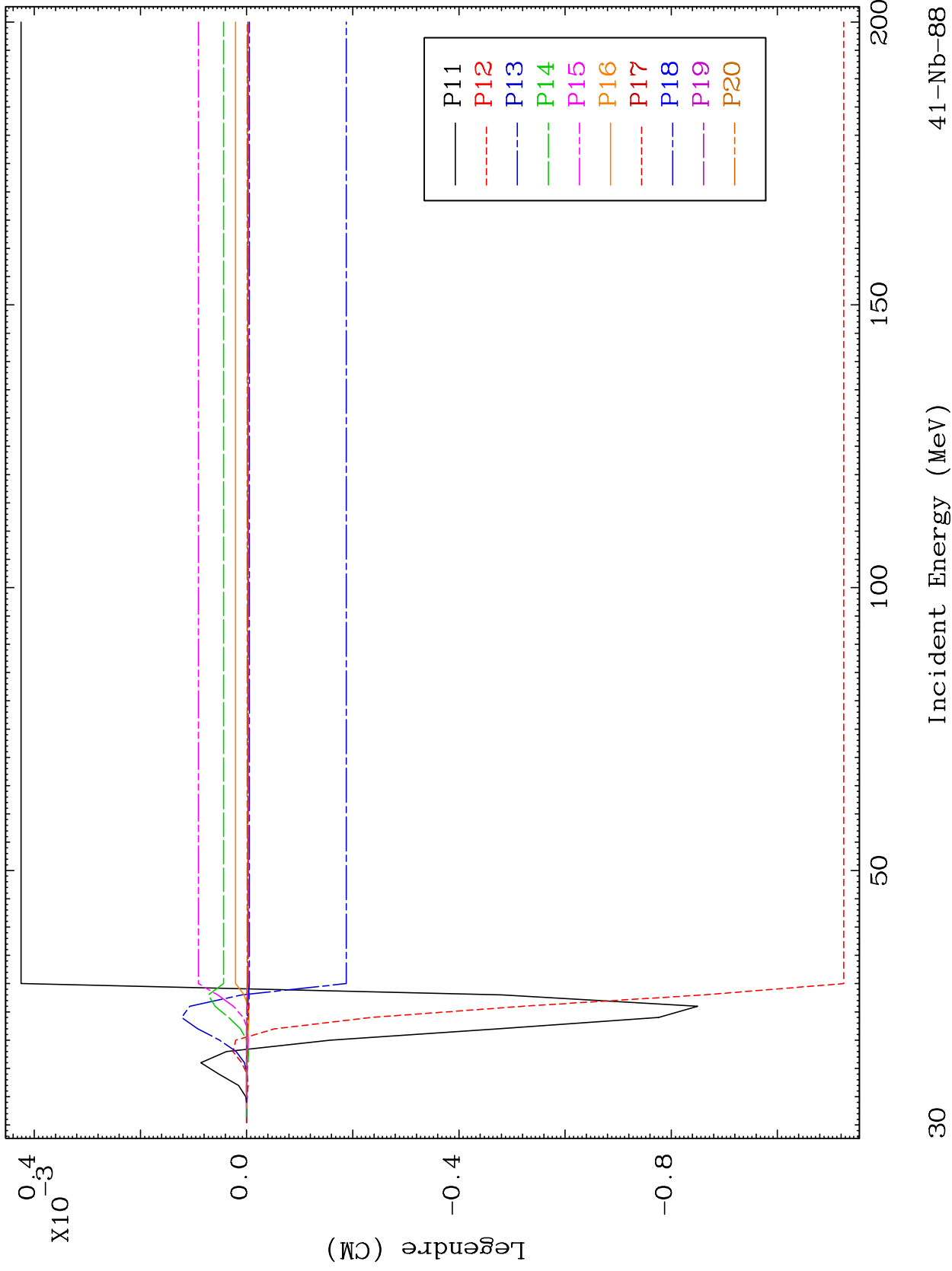
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

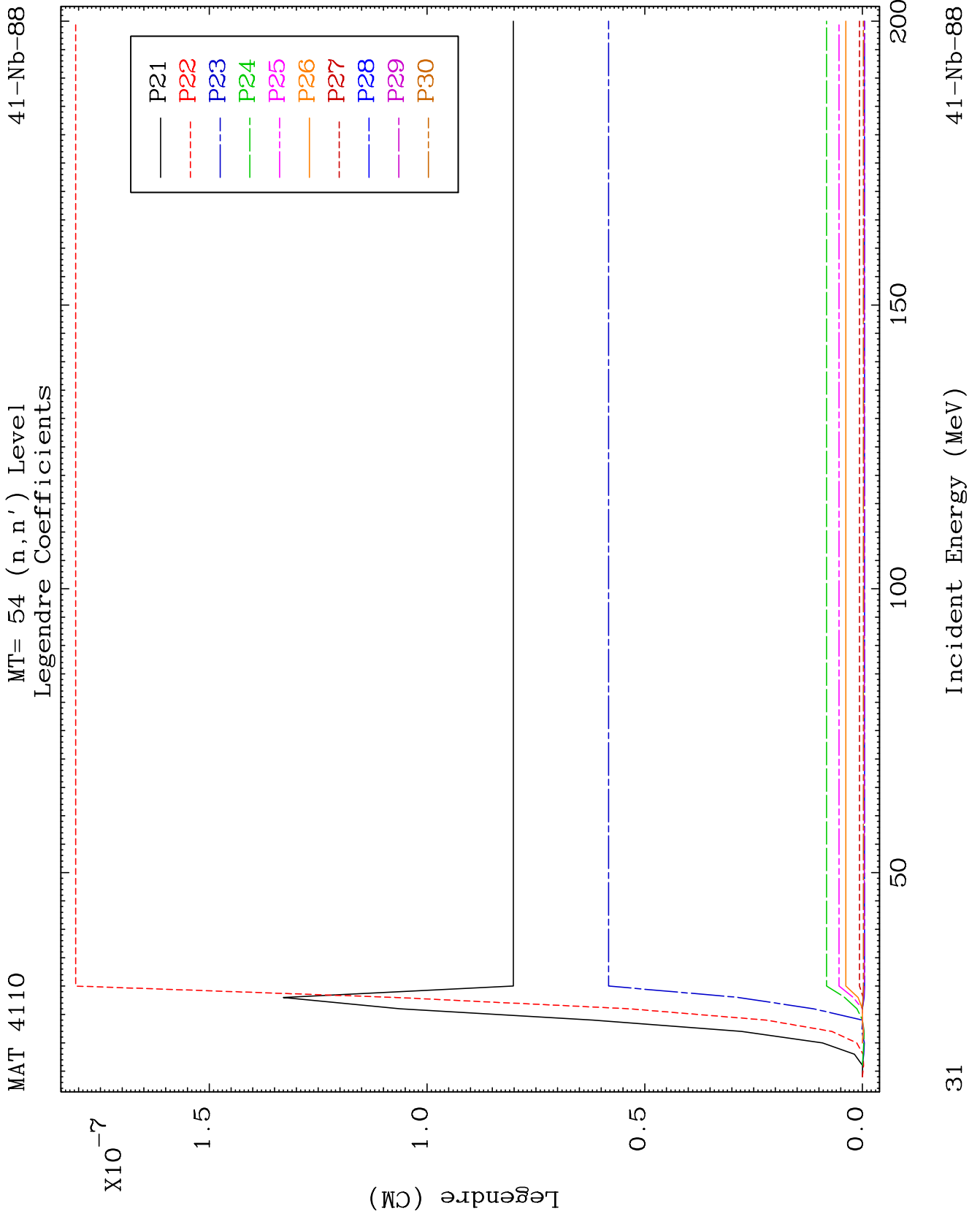
41-Nb-88



30

Incident Energy (MeV)

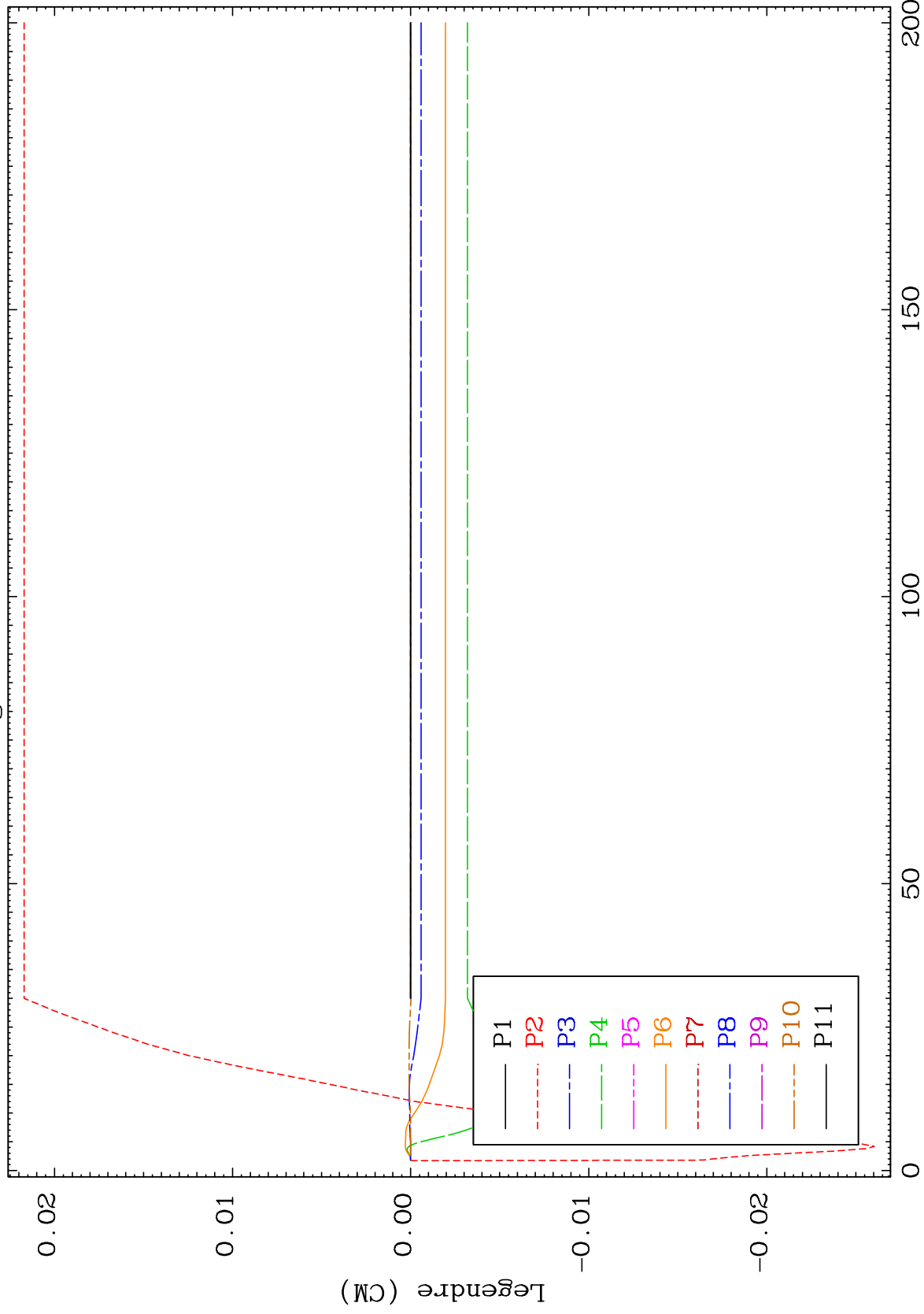
41-Nb-88



MAT 4110

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

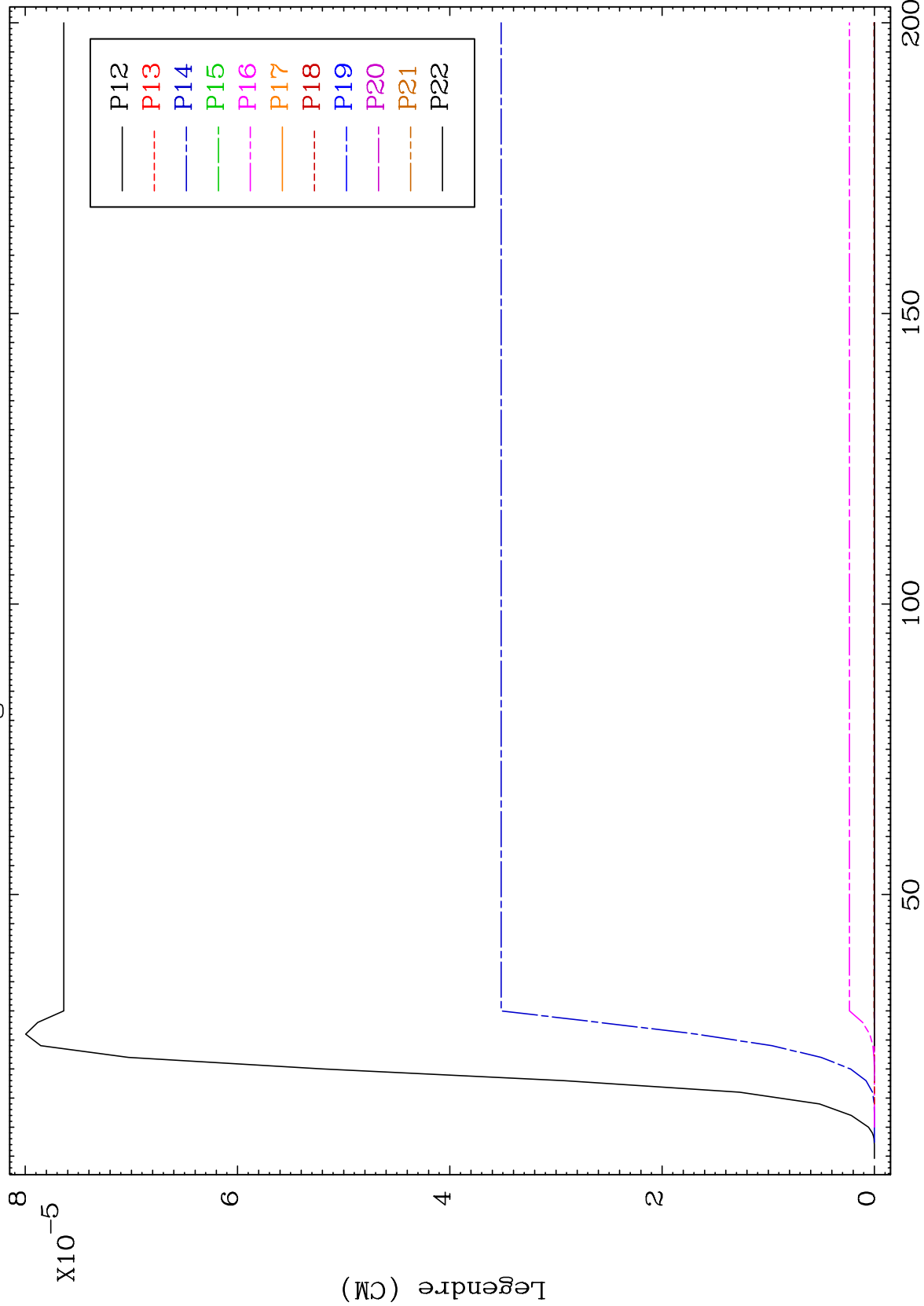
41-Nb-88



32

Incident Energy (MeV)

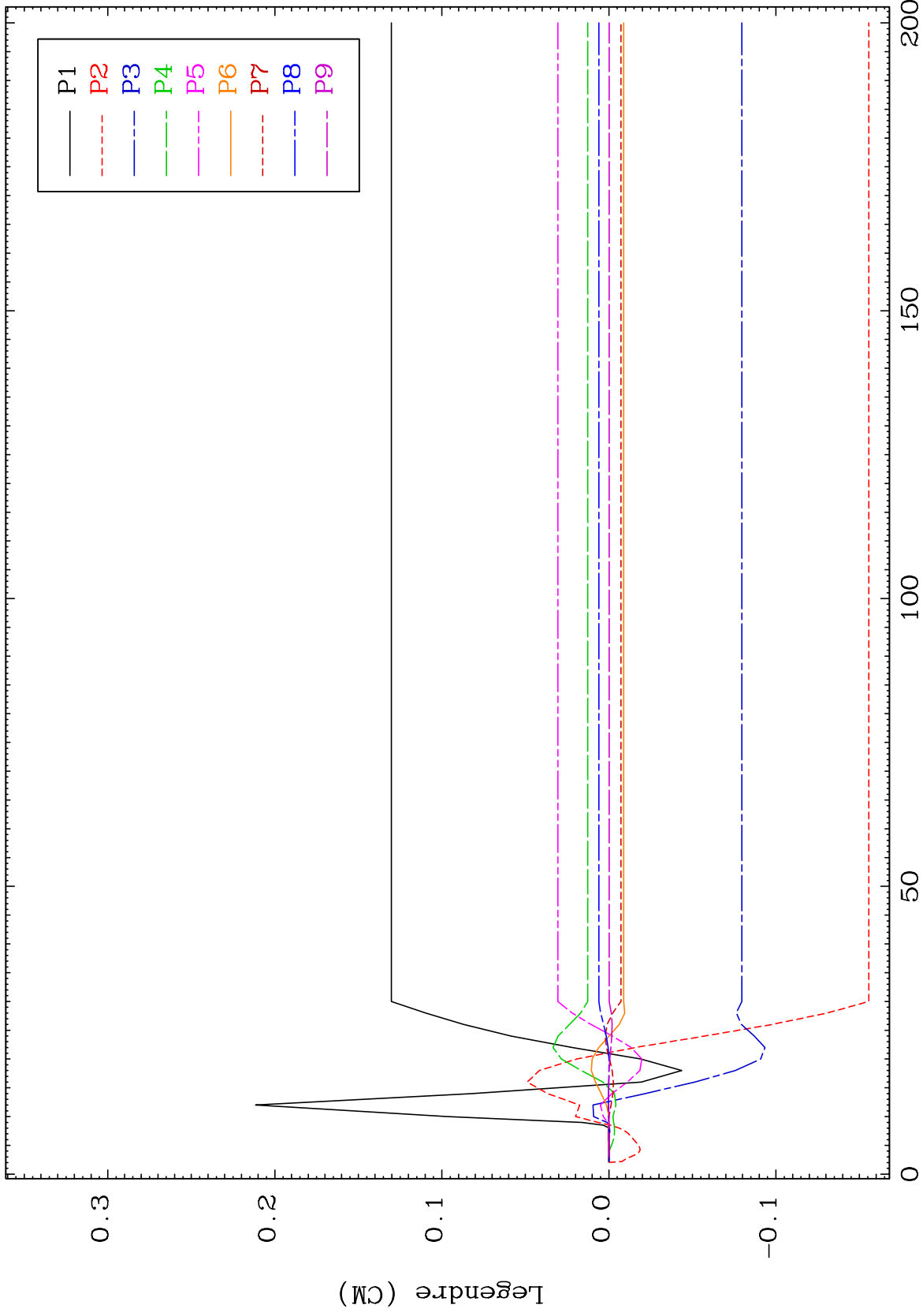
41-Nb-88



MAT 4110

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

41-Nb-88



34

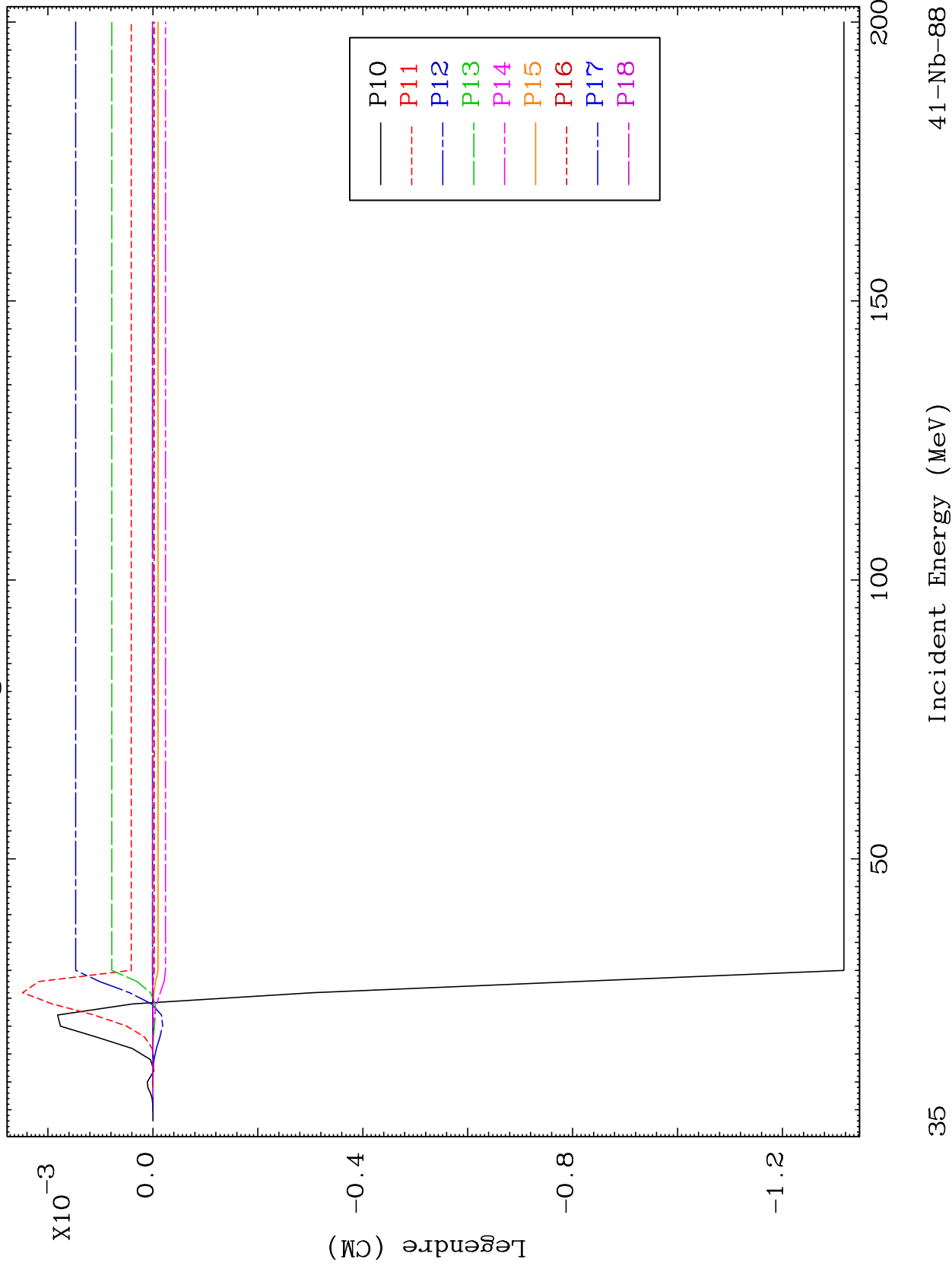
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

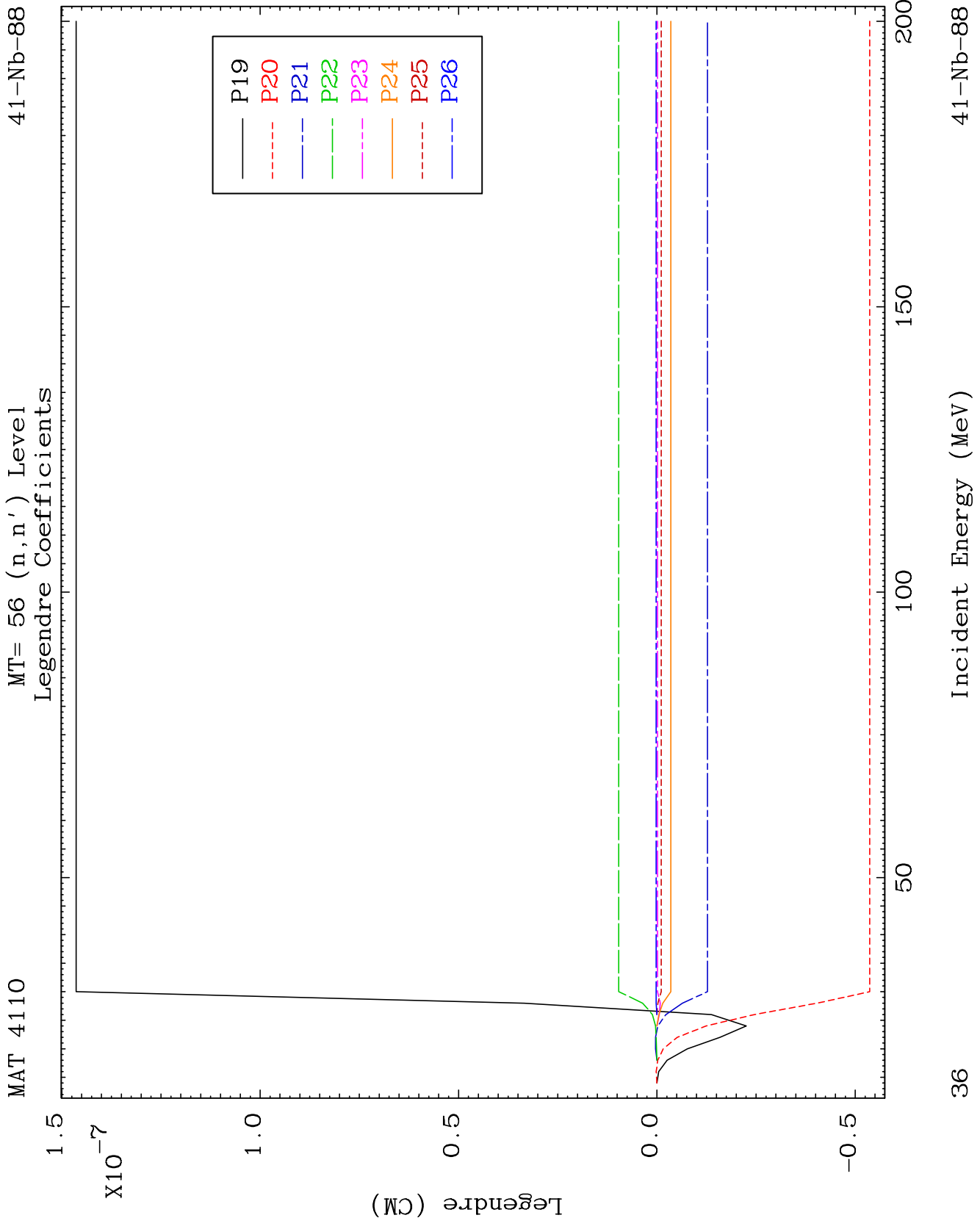
41-Nb-88



35

Incident Energy (MeV)

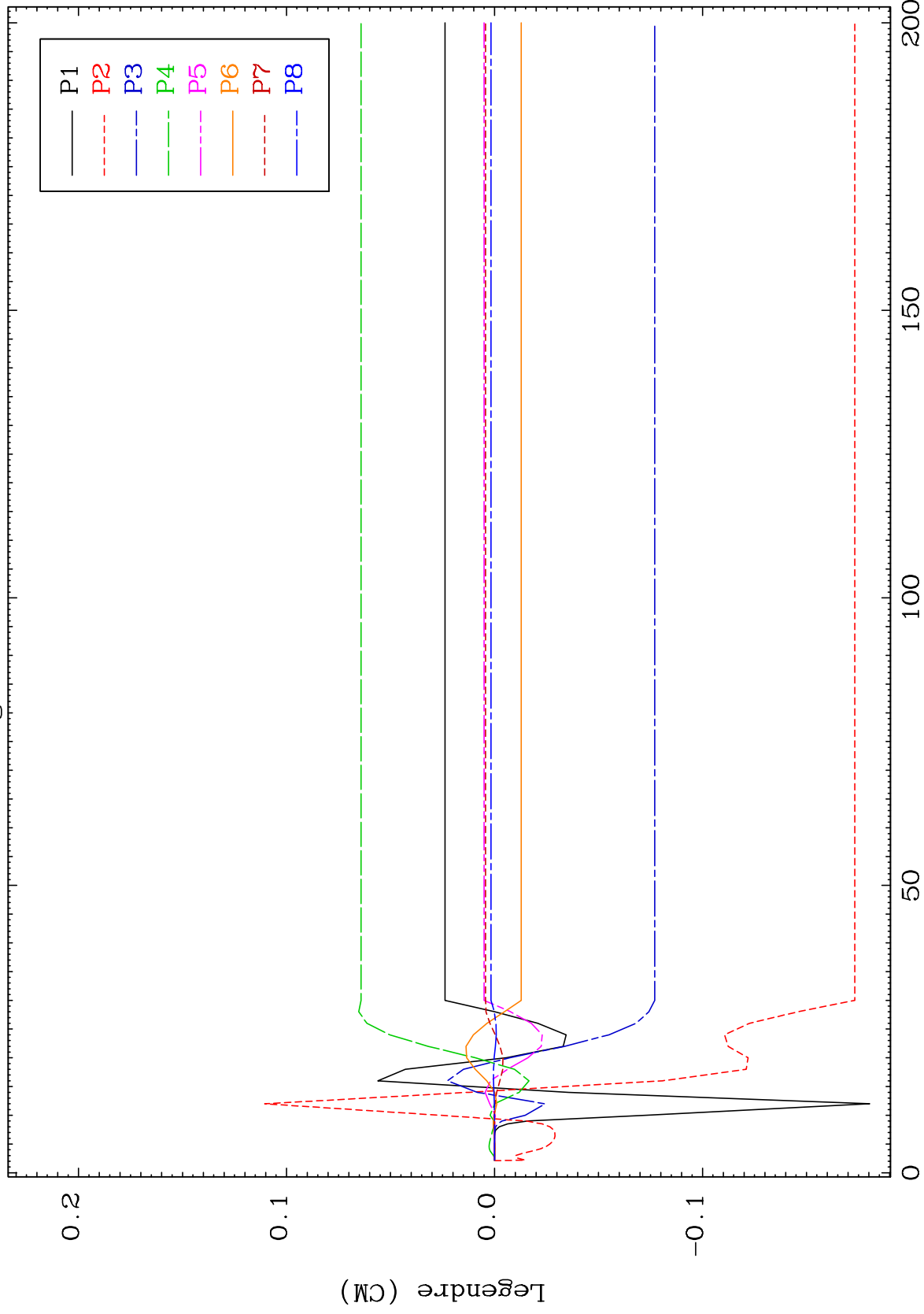
41-Nb-88



MAT 4110

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

41-Nb-88



37

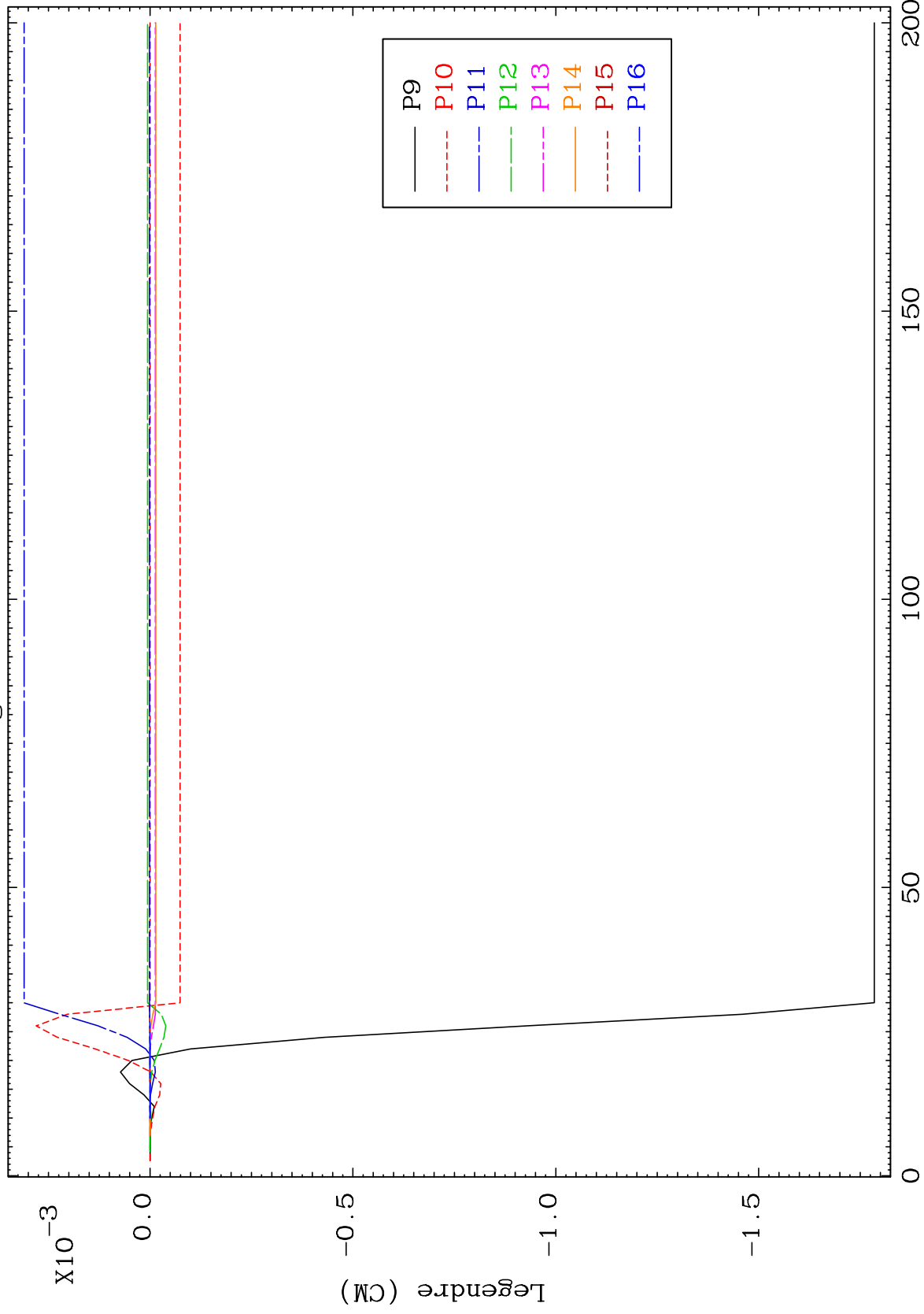
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



38

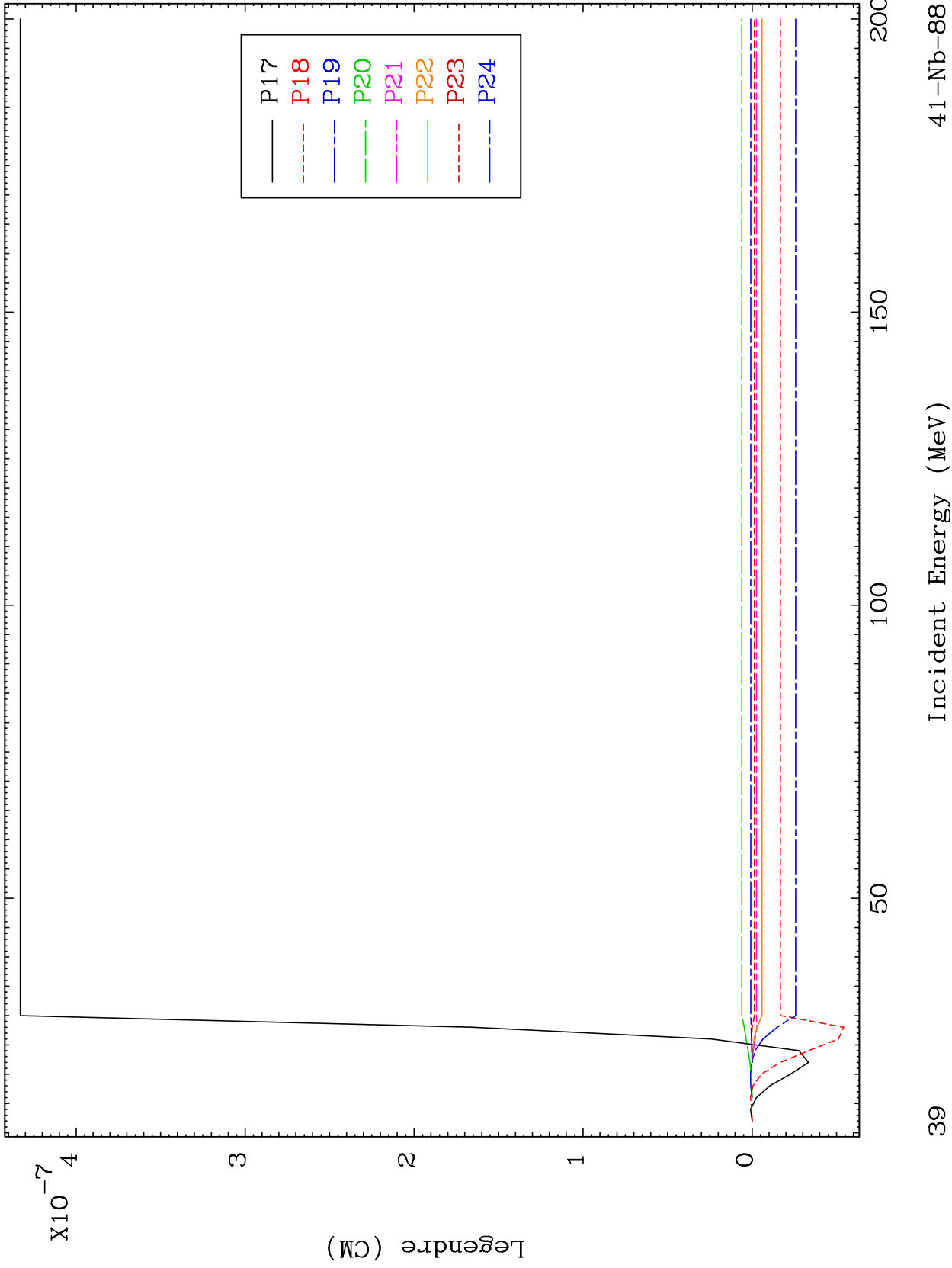
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

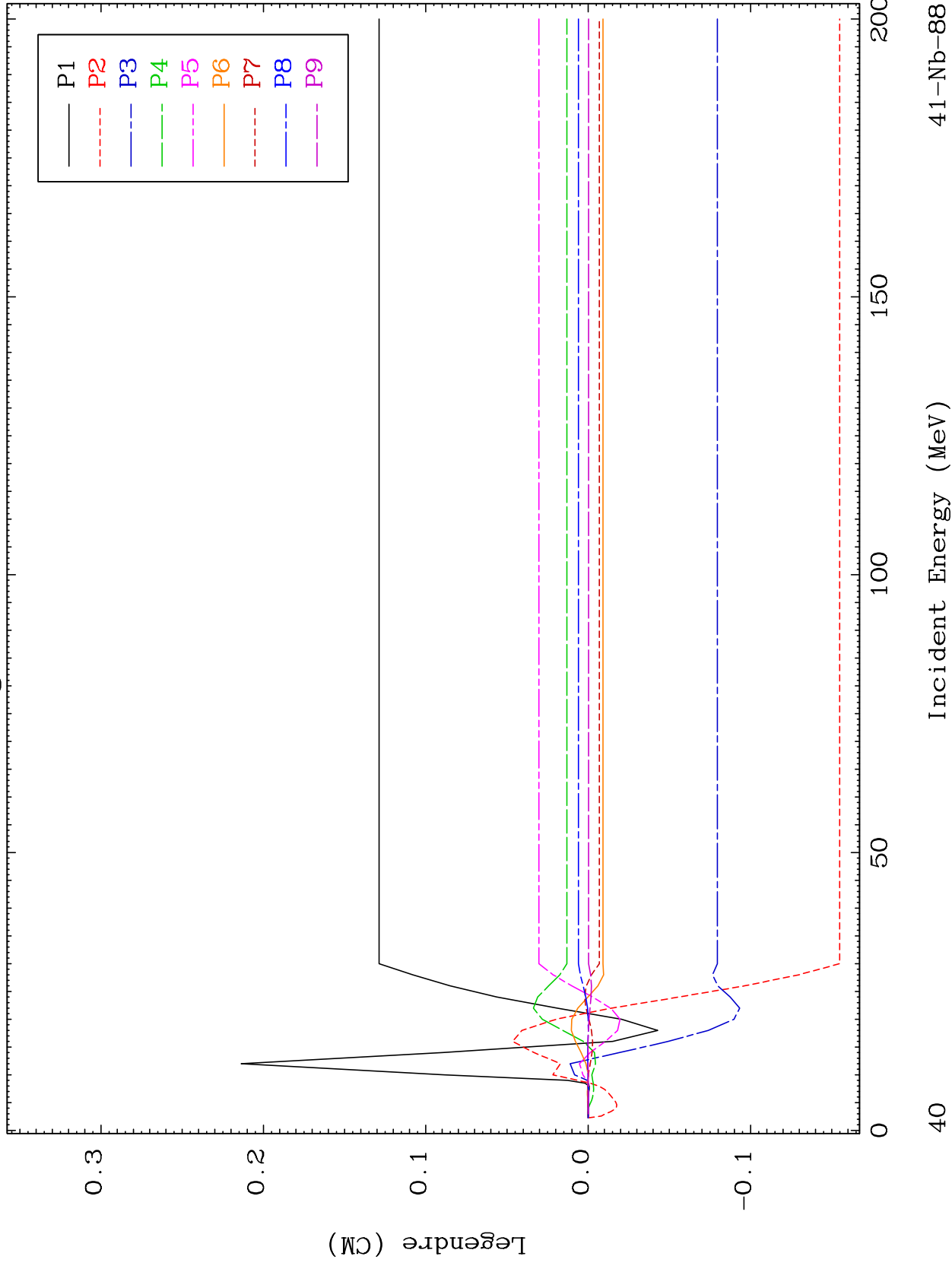
41-Nb-88



MAT 4110

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

41-Nb-88



41-Nb-88

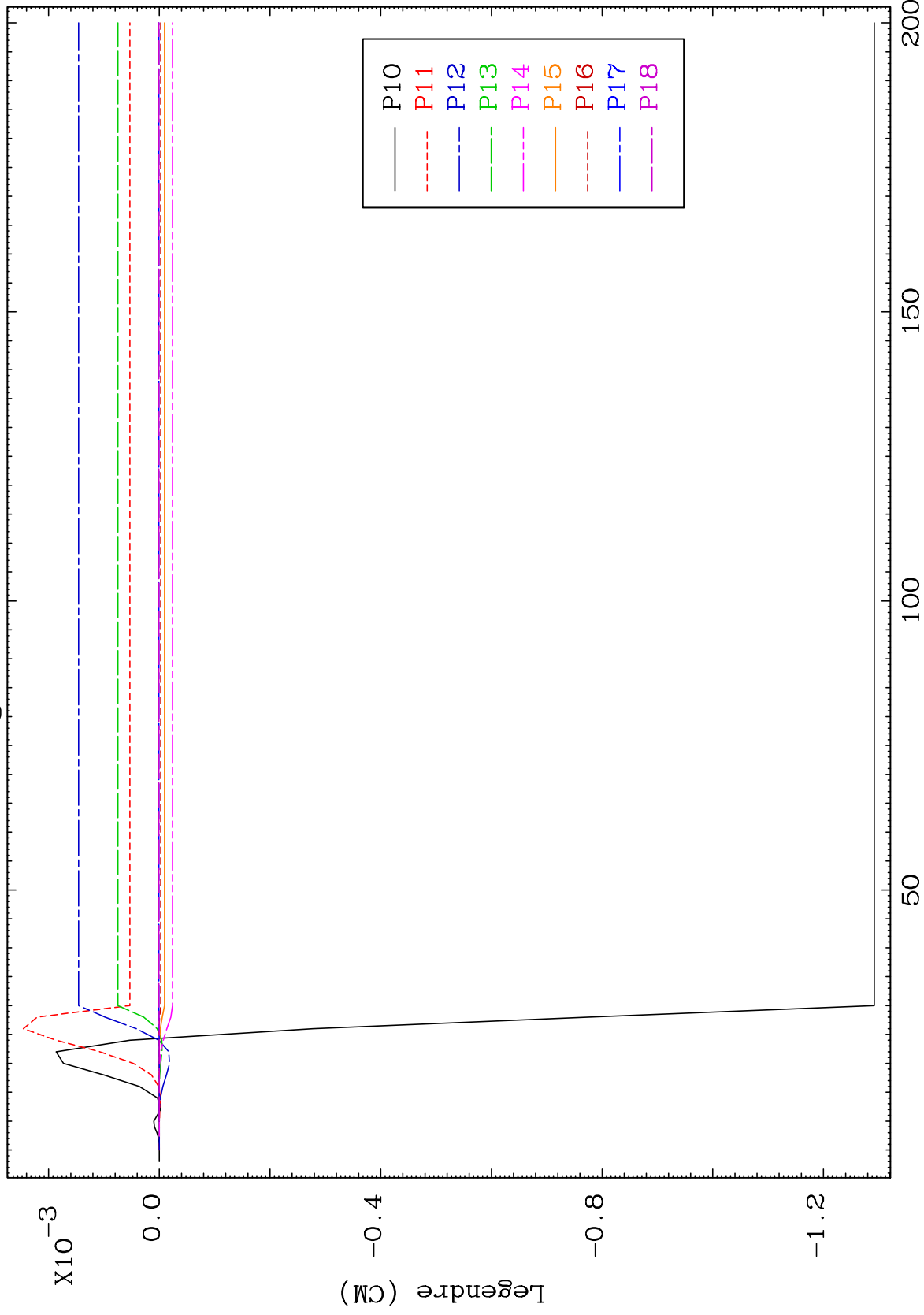
Incident Energy (MeV)

40

MAT 4110

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

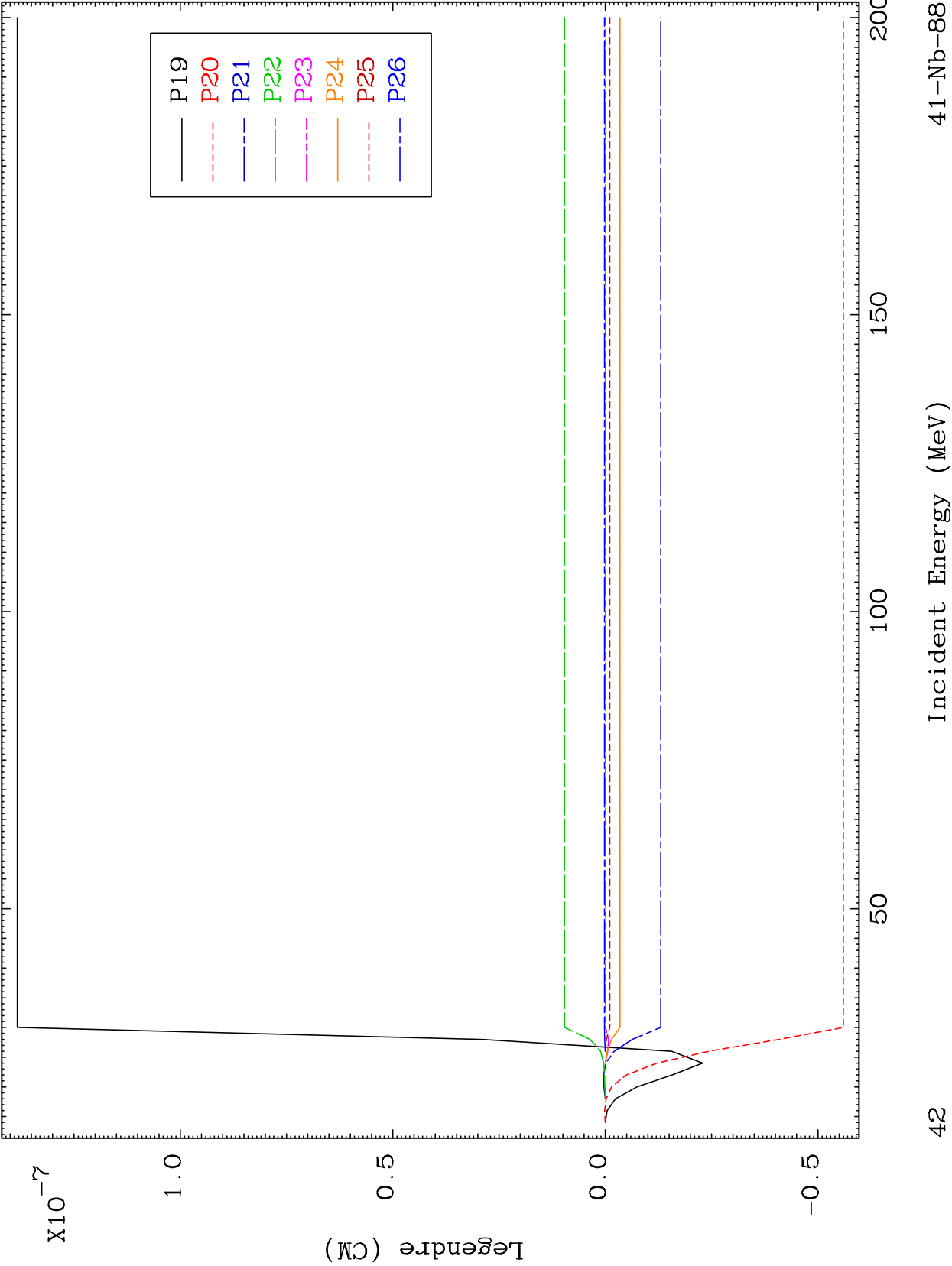
41-Nb-88



41

Incident Energy (MeV)

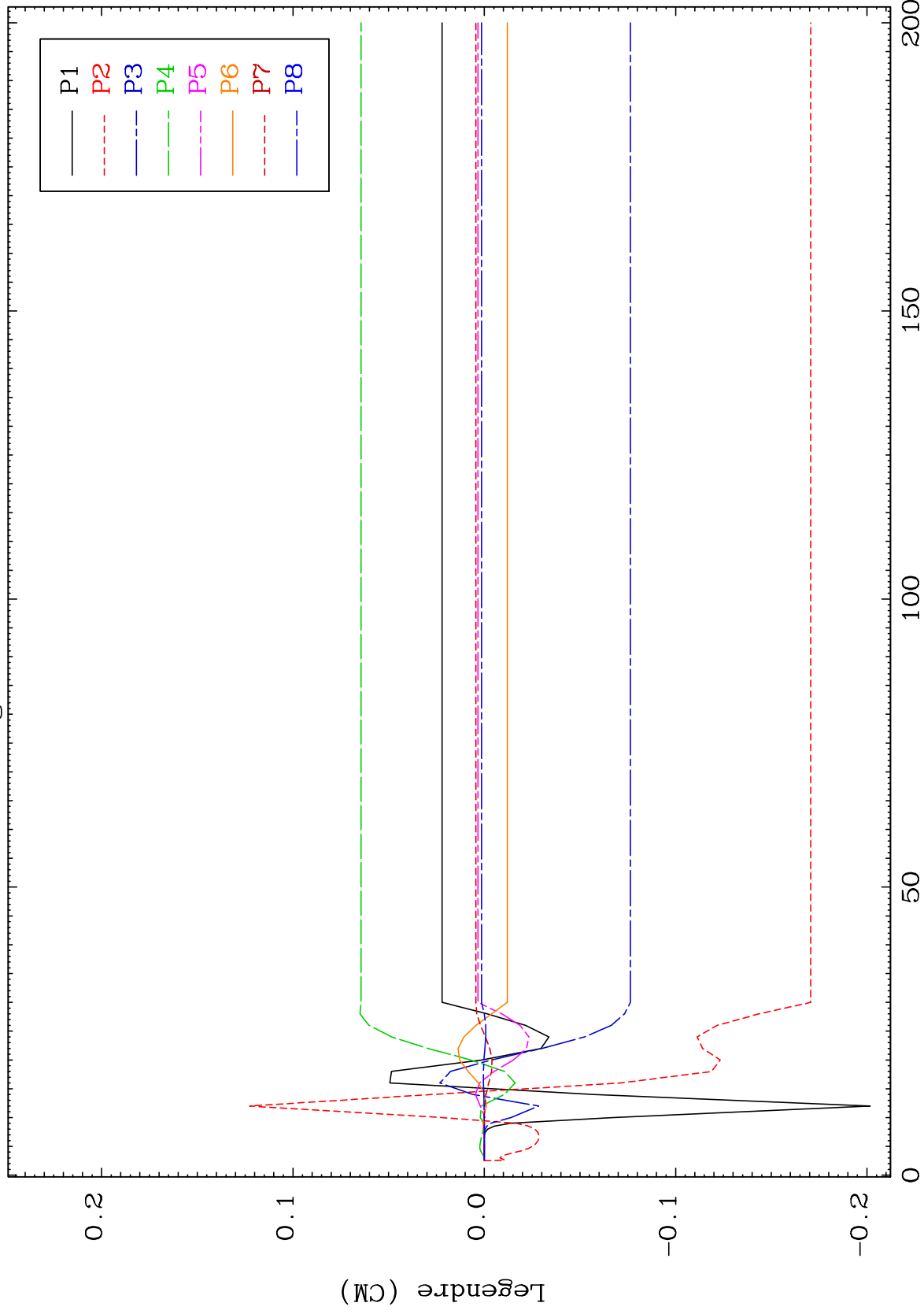
41-Nb-88



MAT 4110

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

41-Nb-88



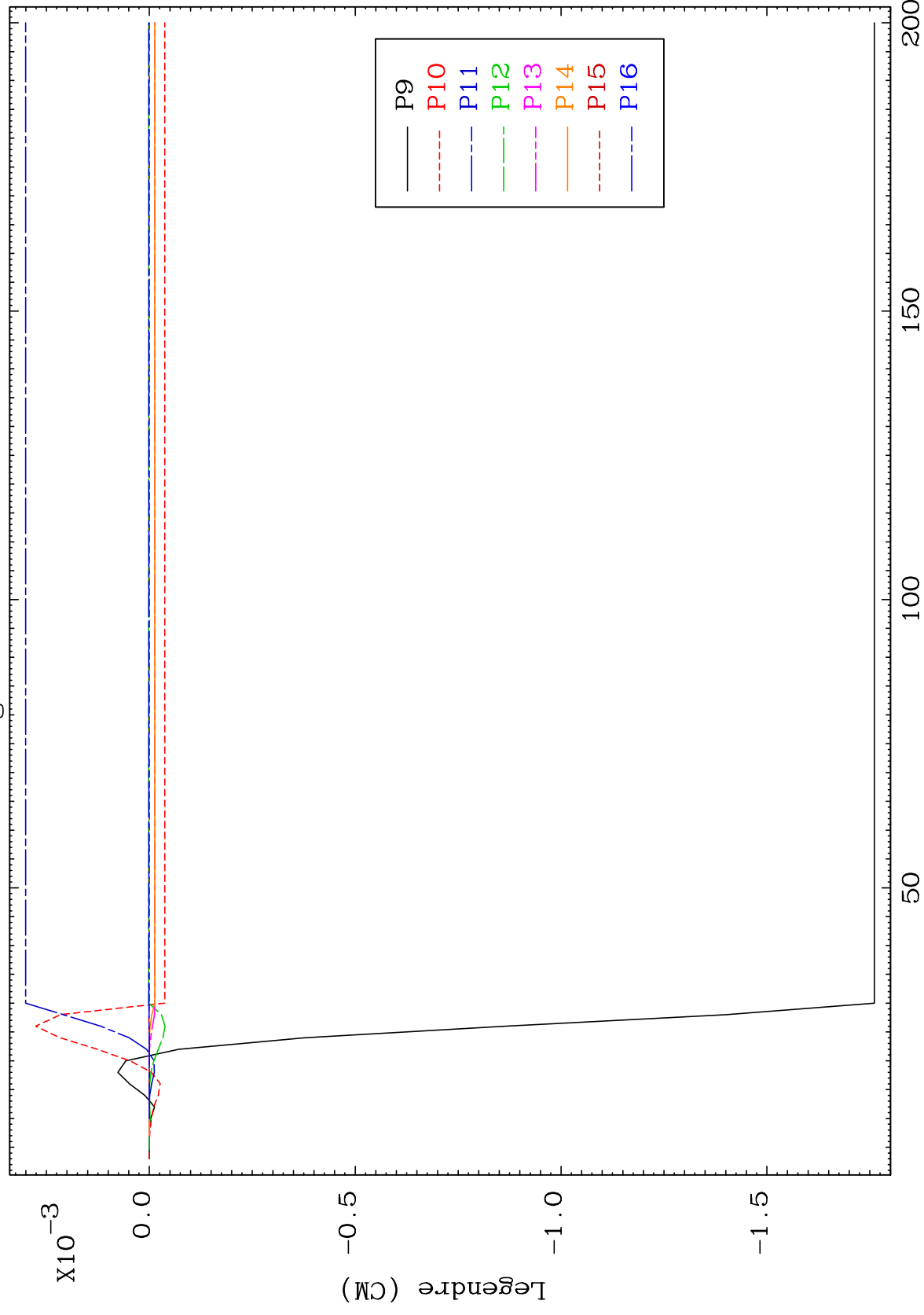
43

41-Nb-88

MAT 4110

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

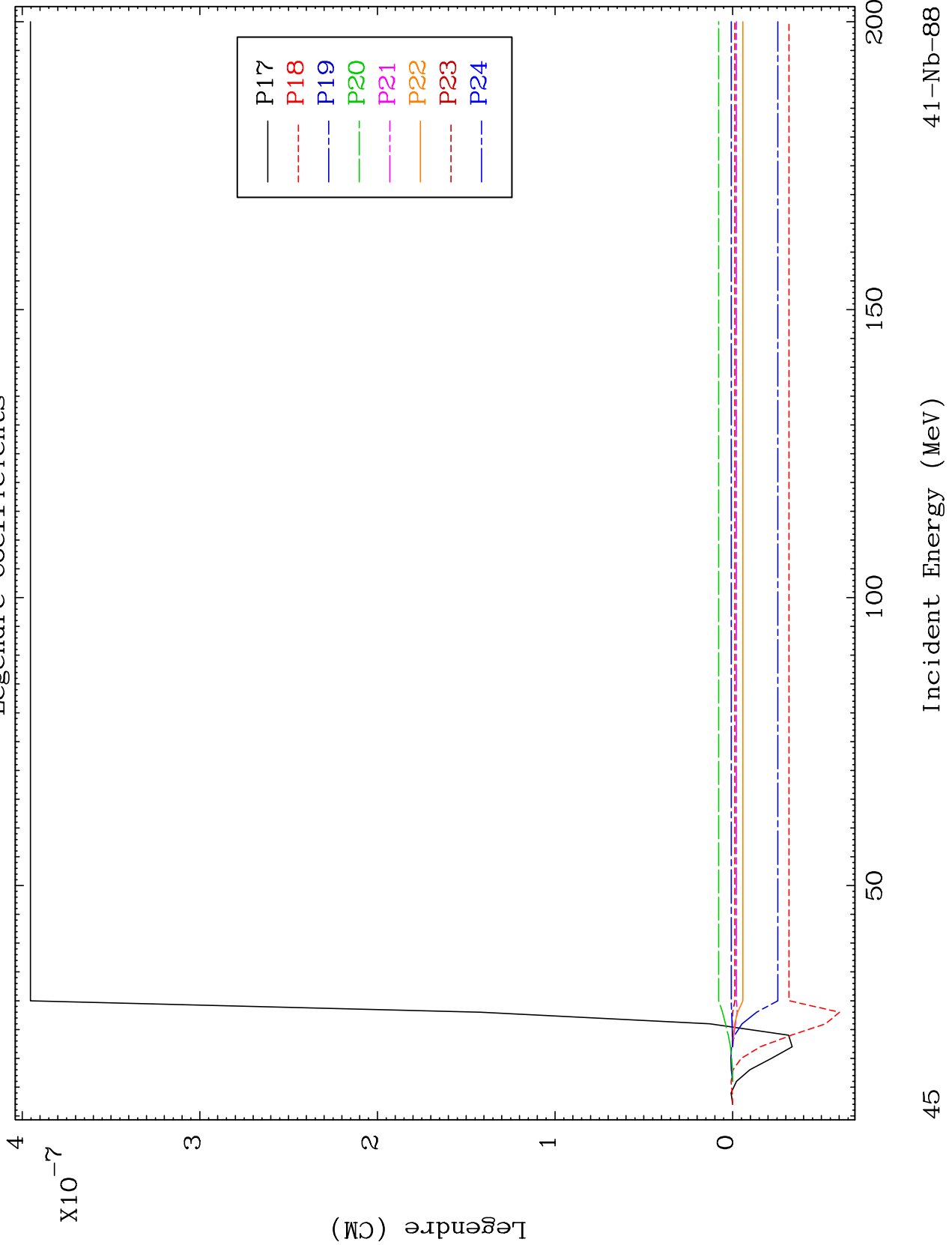
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MAT 4110

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

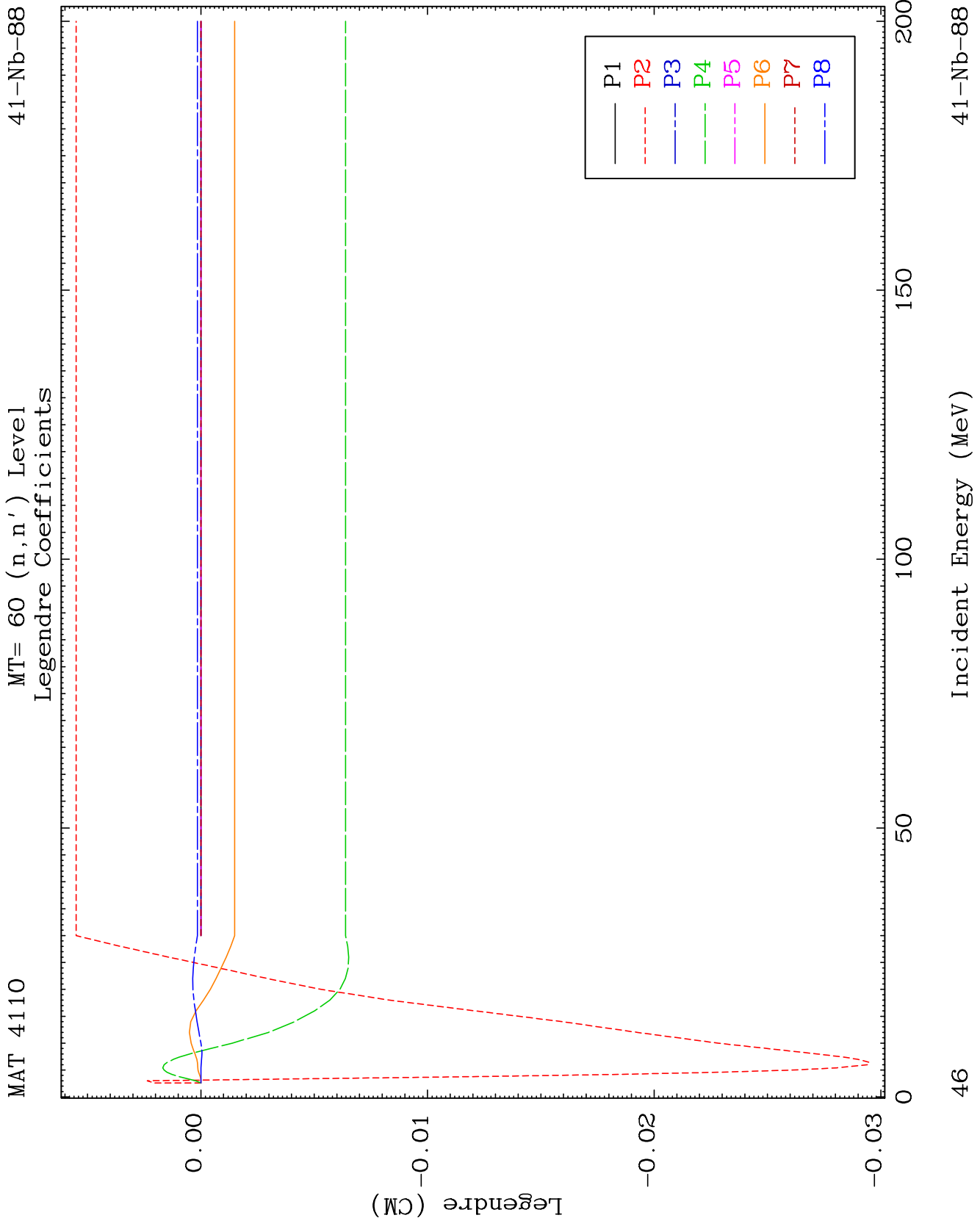
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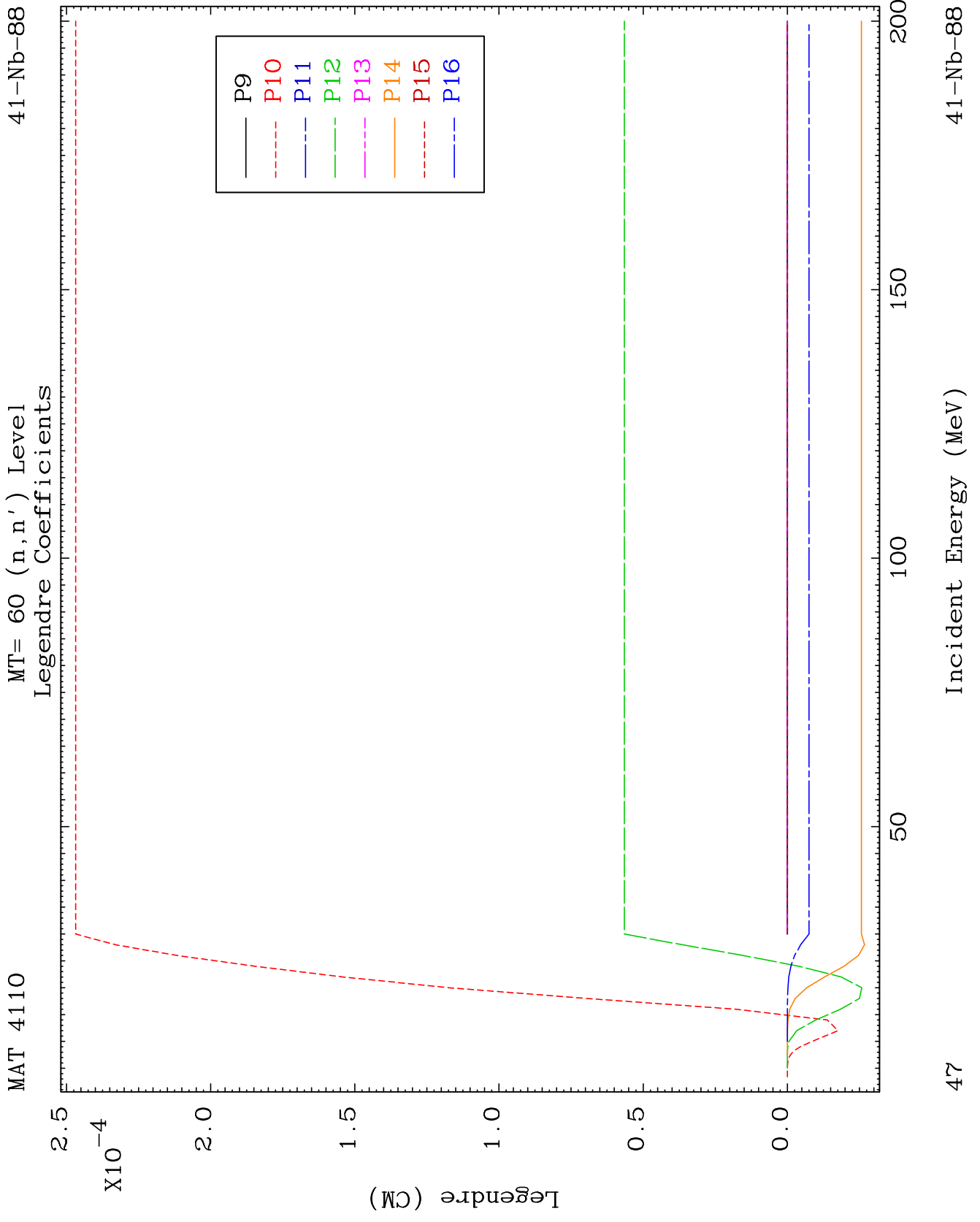


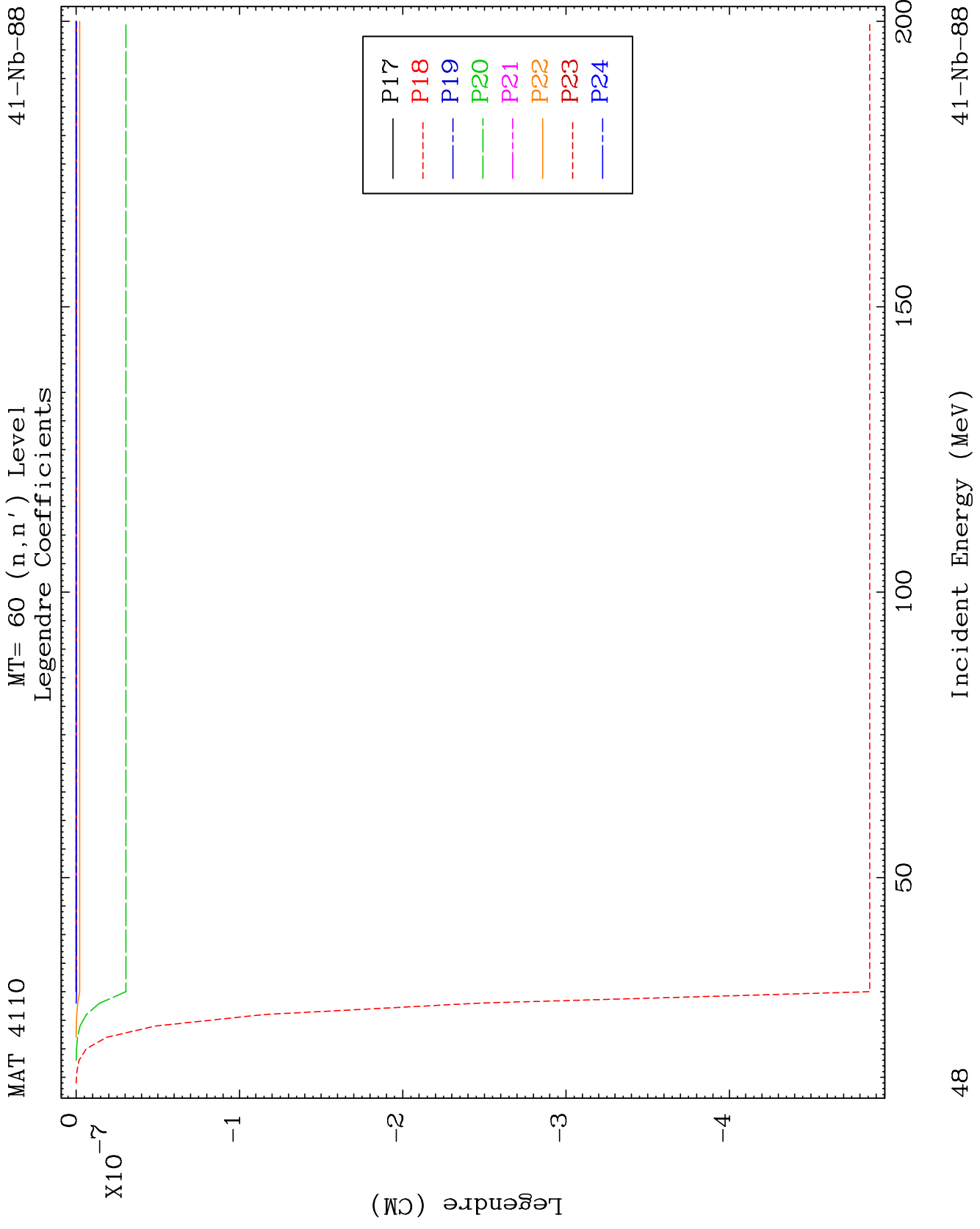
41-Nb-88

Incident Energy (MeV)

45



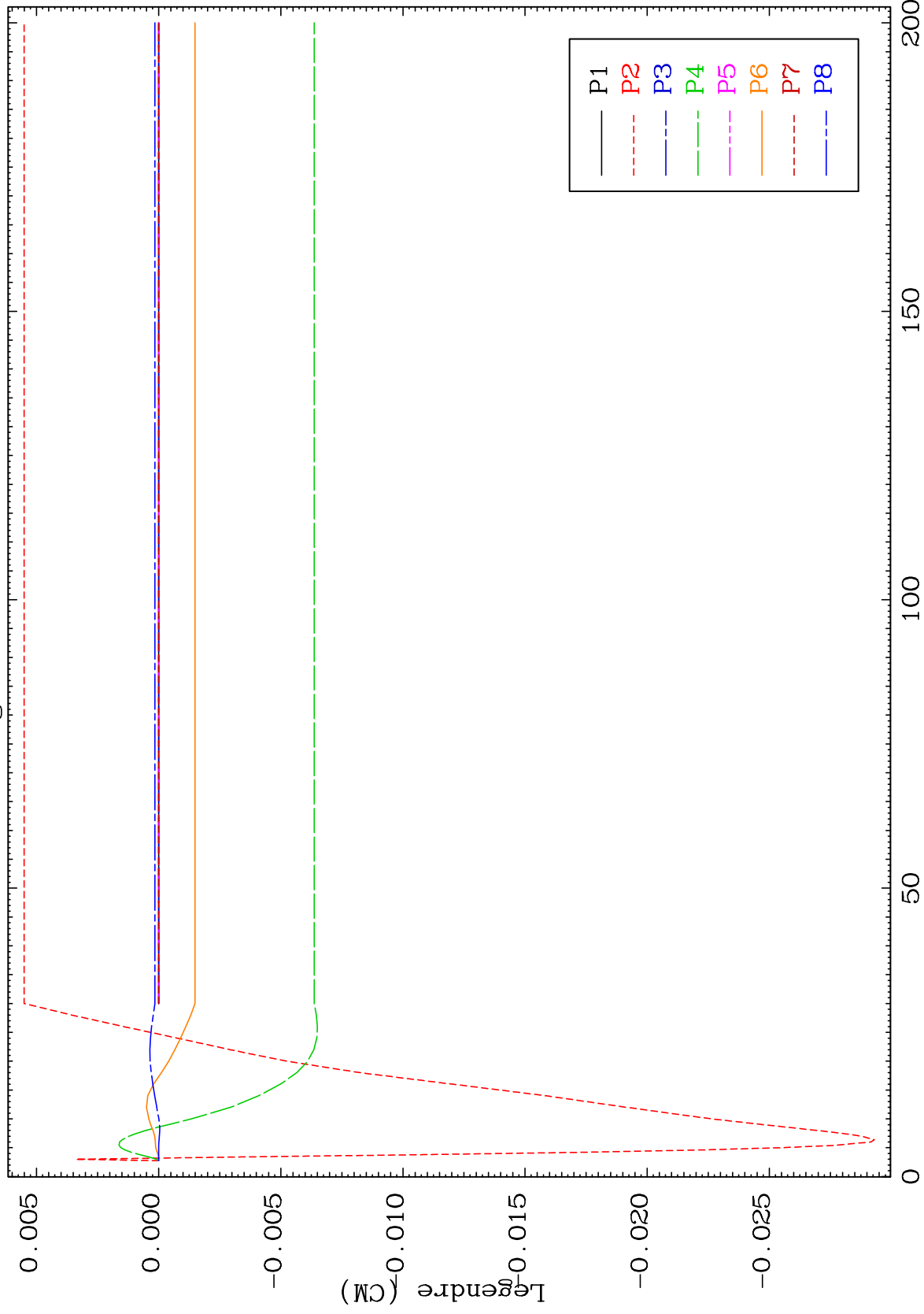




MAT 4110

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

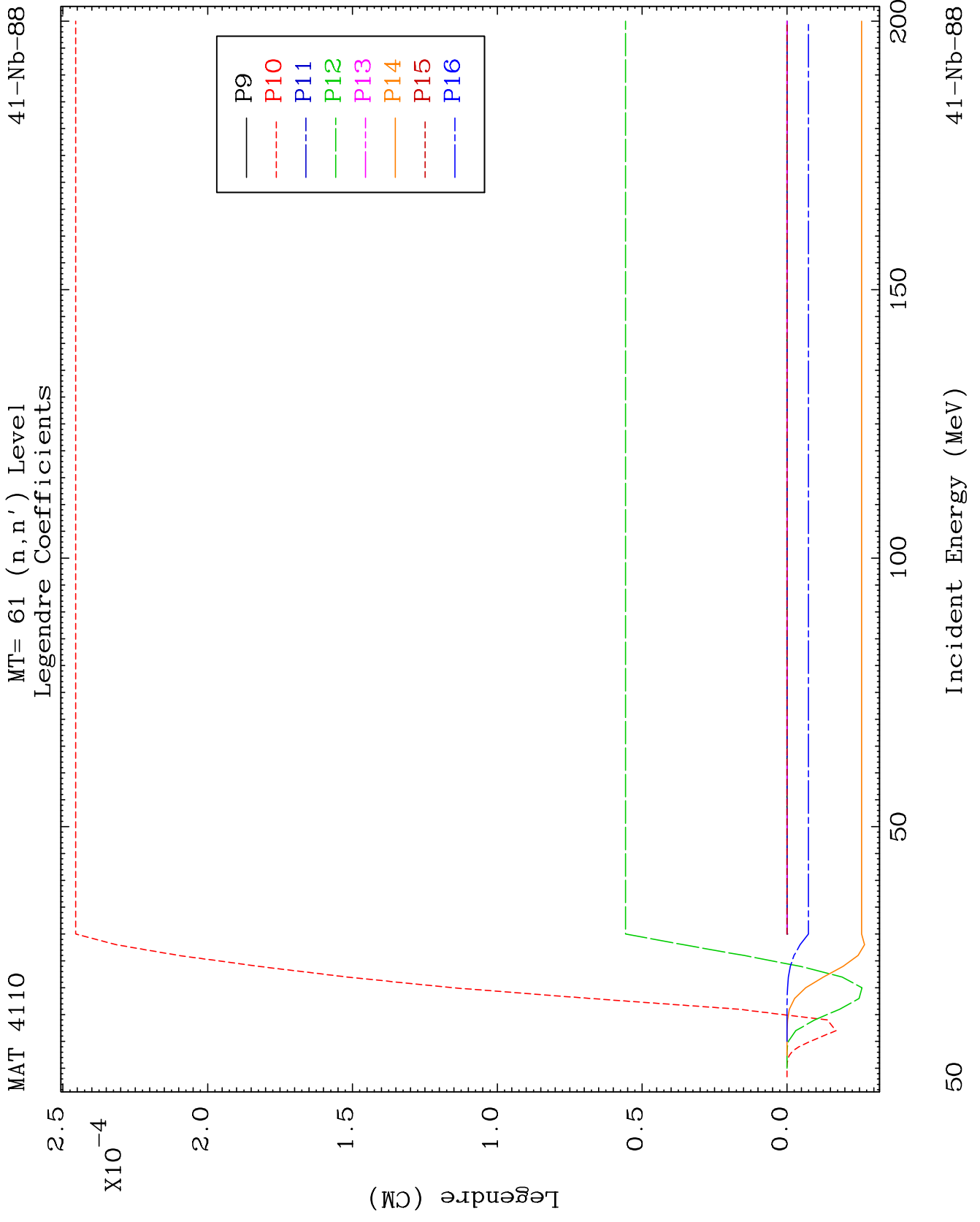
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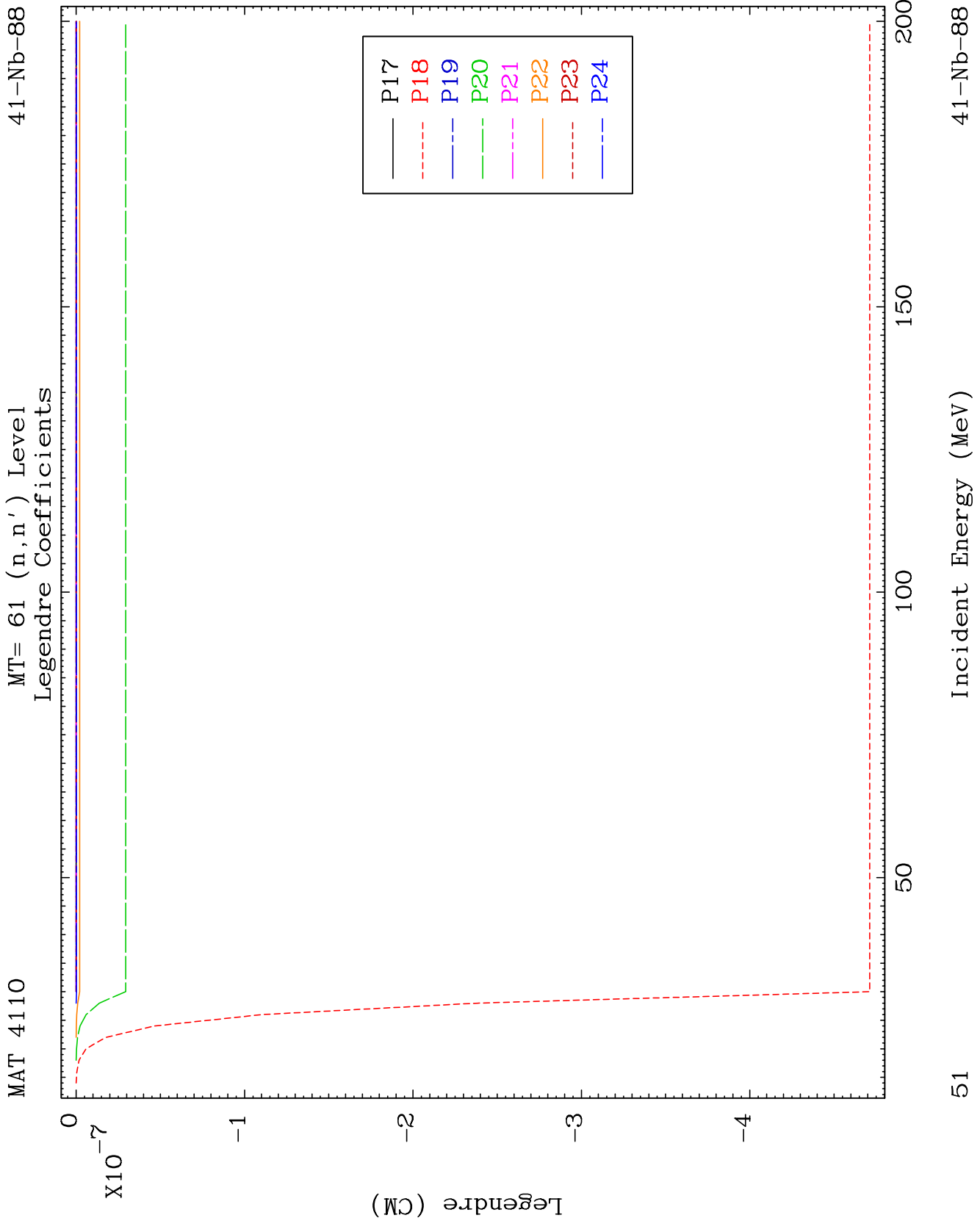


49

Incident Energy (MeV)

41-Nb-88

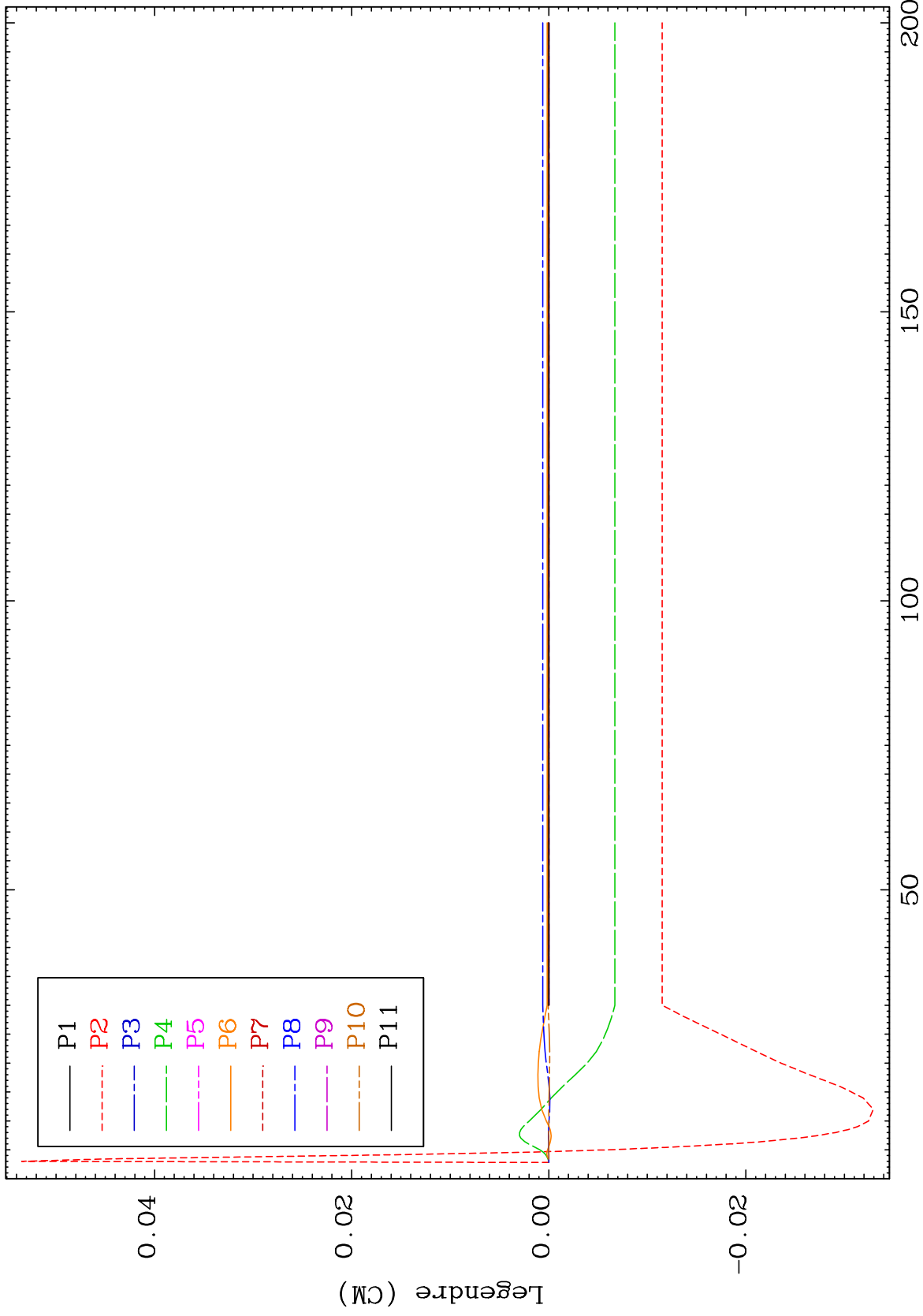




MAT 4110

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

41-Nb-88



52

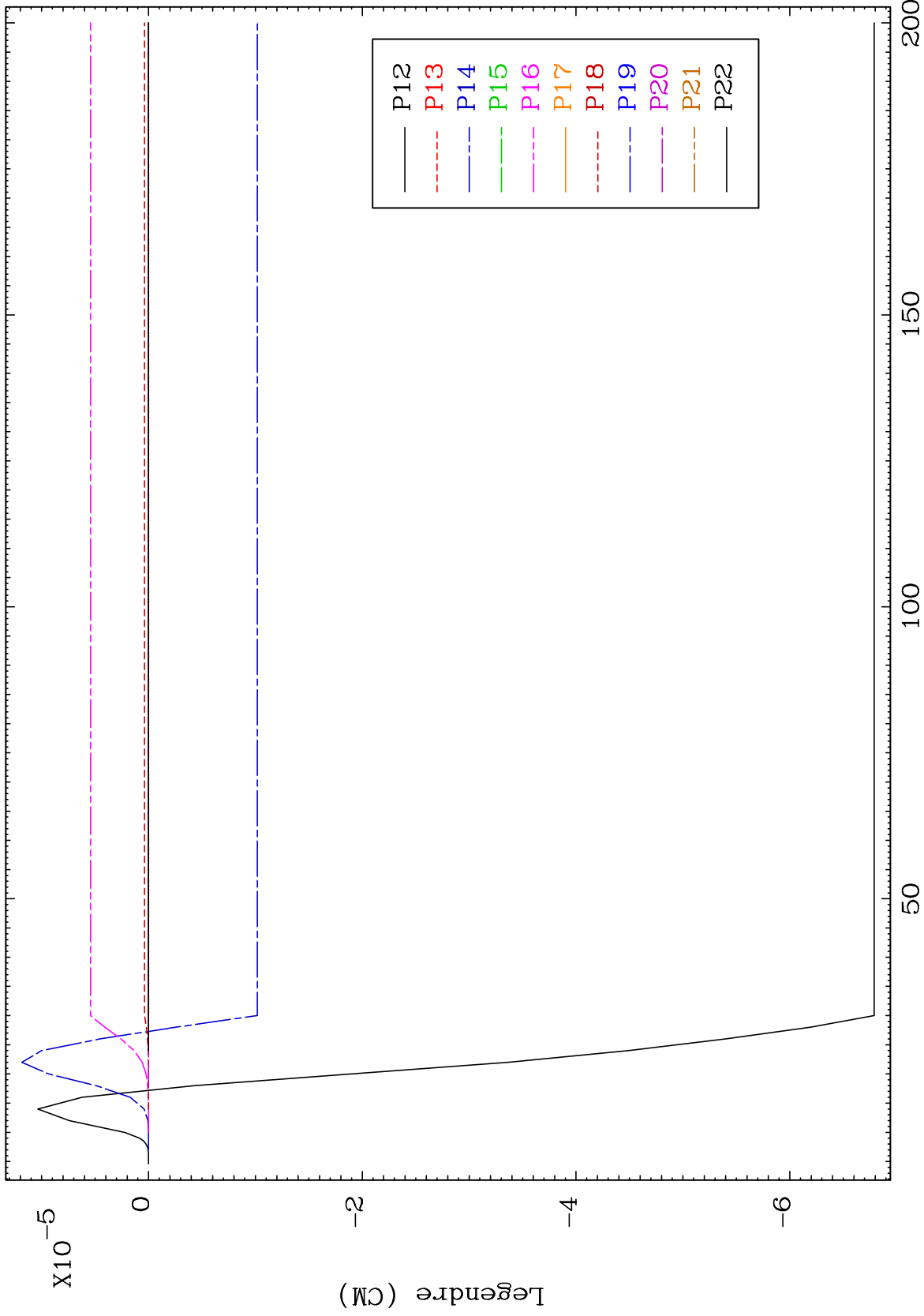
Incident Energy (MeV)

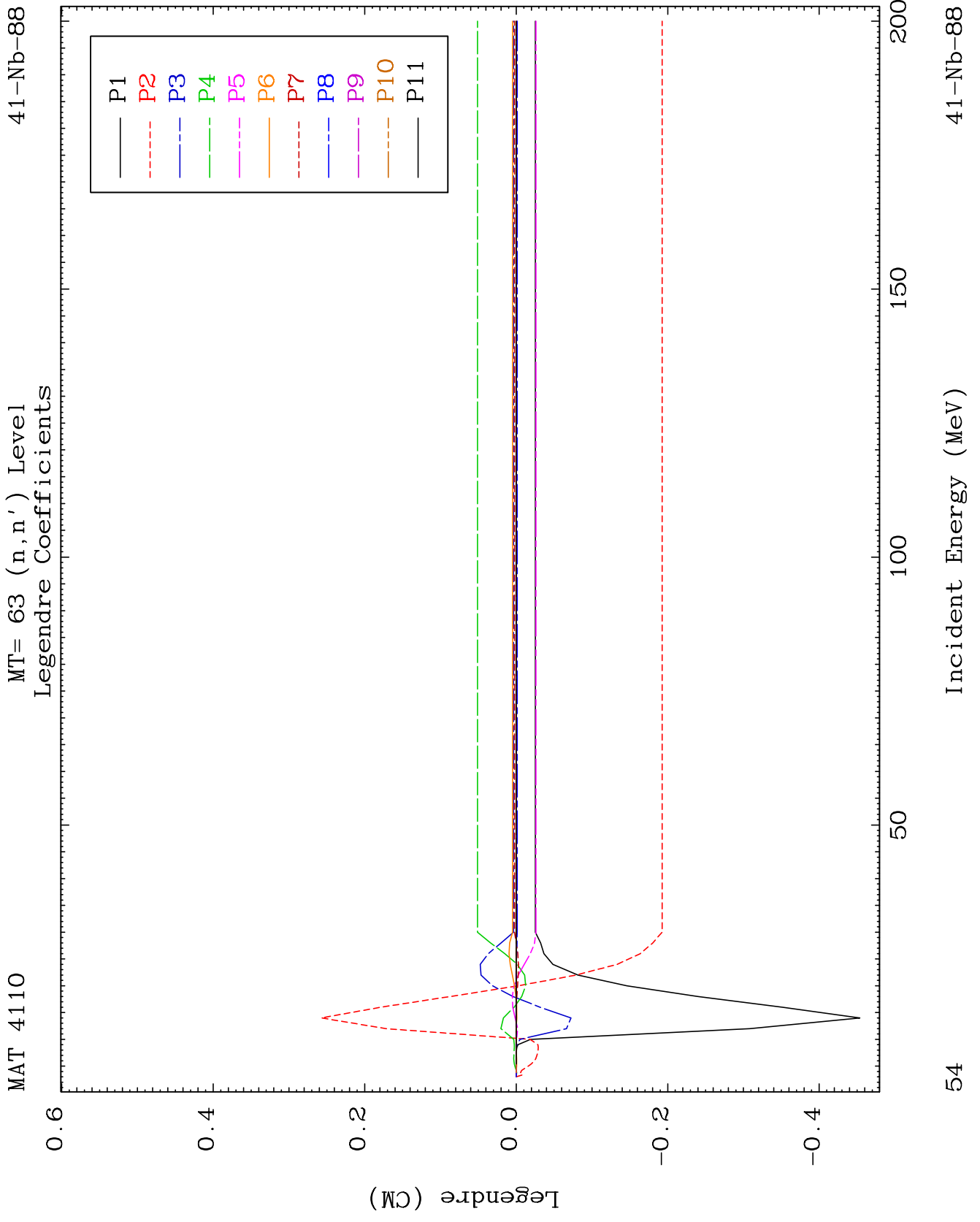
41-Nb-88

MAT 4110

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

41-Nb-88

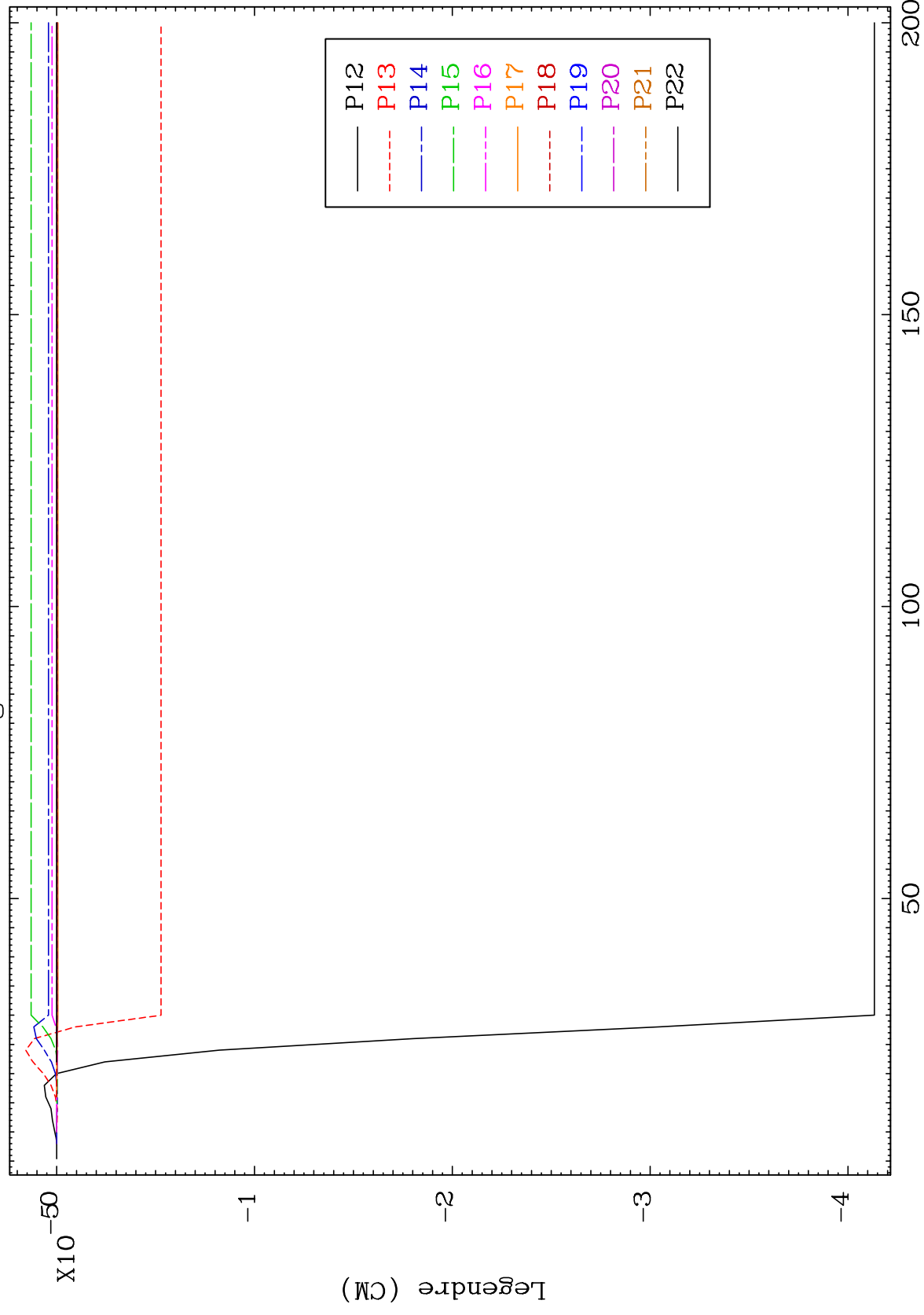




MAT 4110

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

41-Nb-88

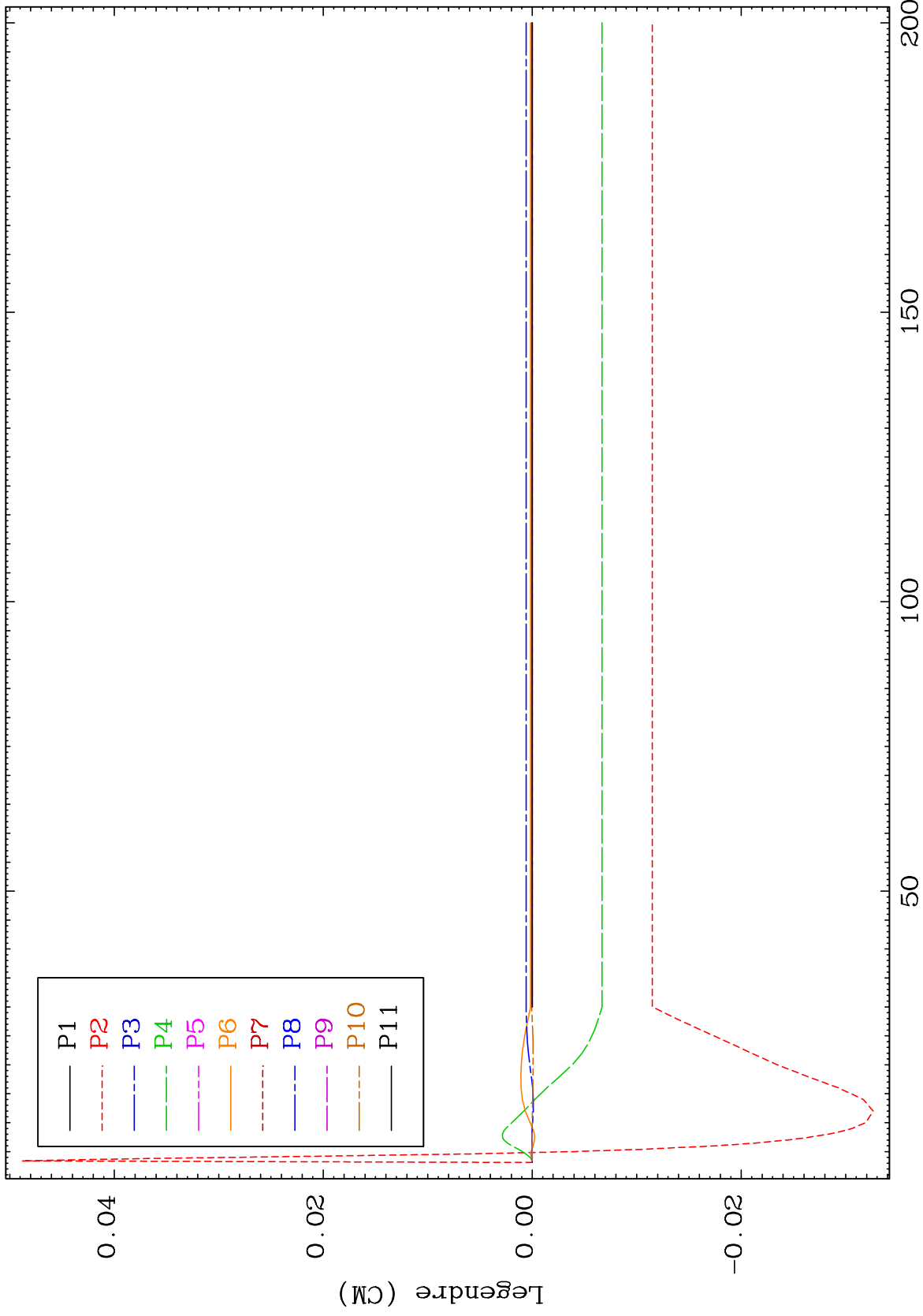


X10⁻⁵⁰

55

Incident Energy (MeV)

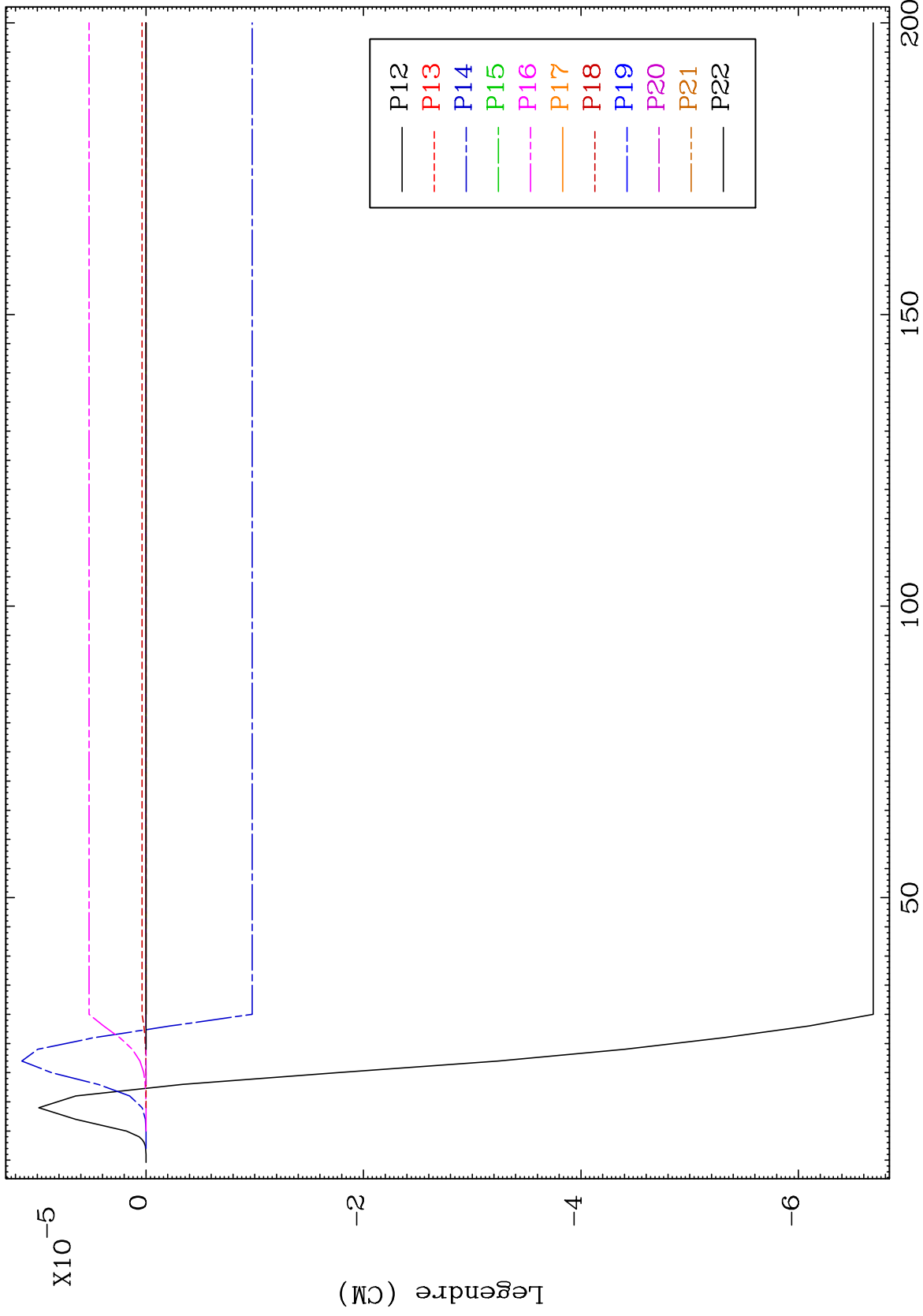
41-Nb-88



MAT 4110

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

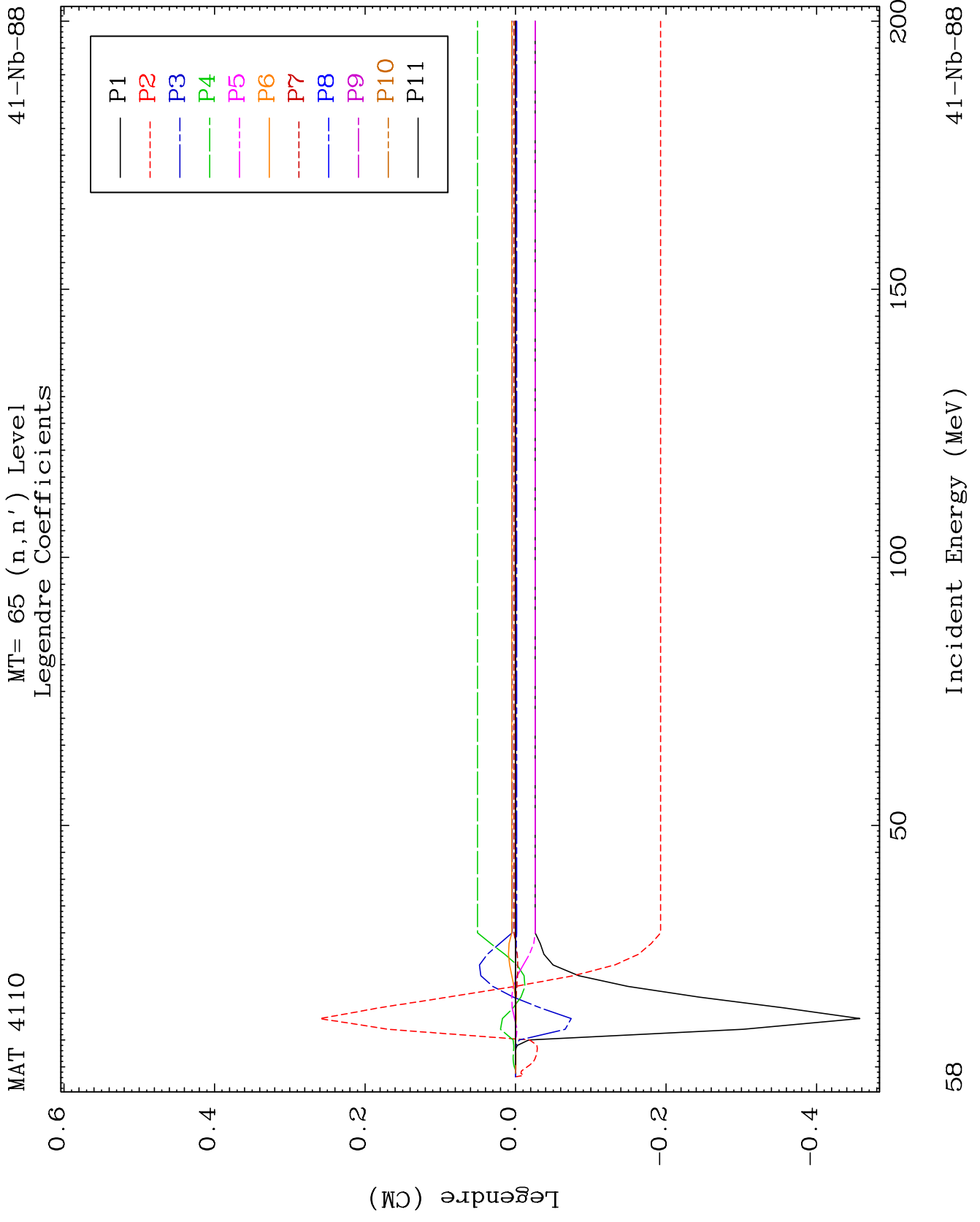
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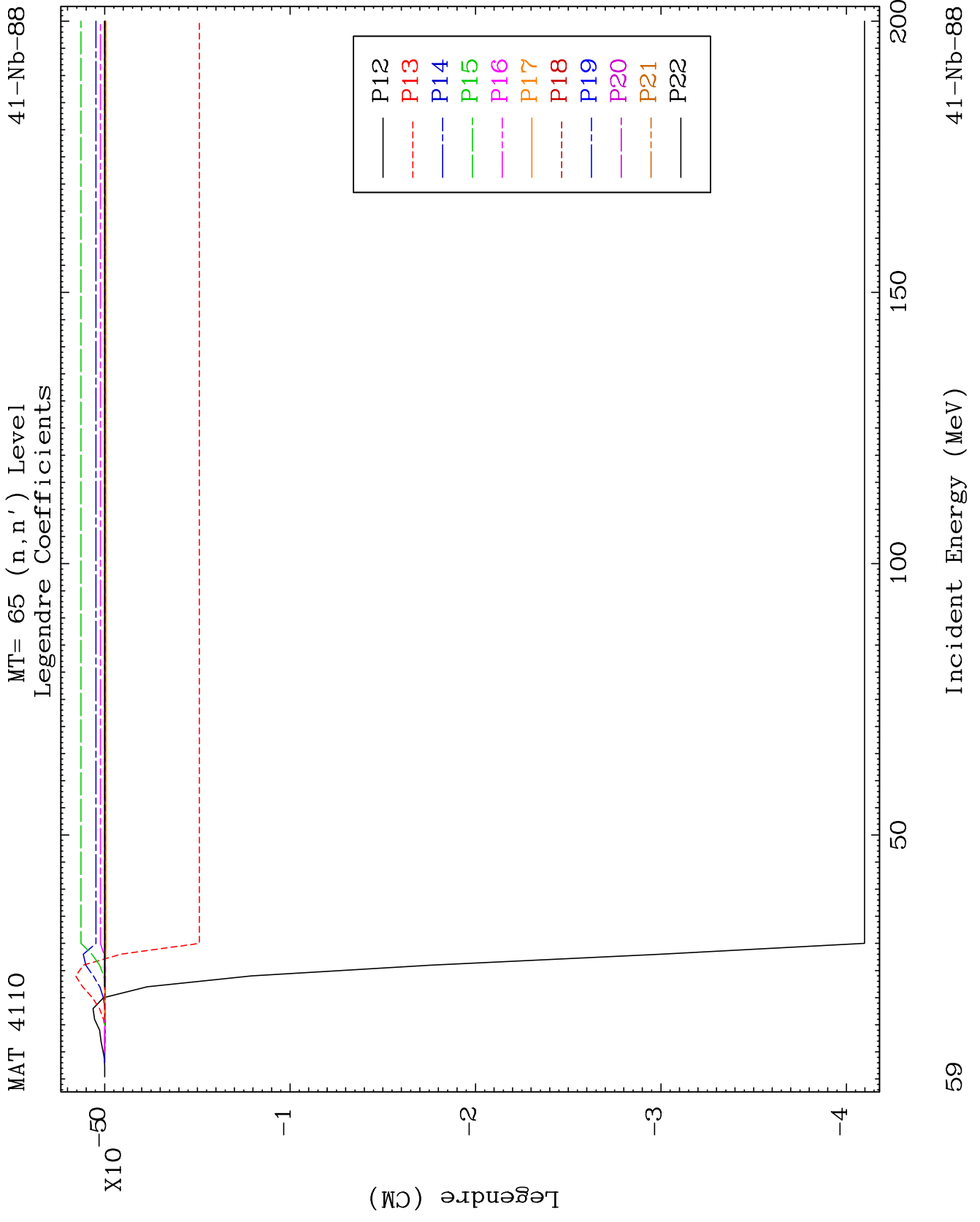


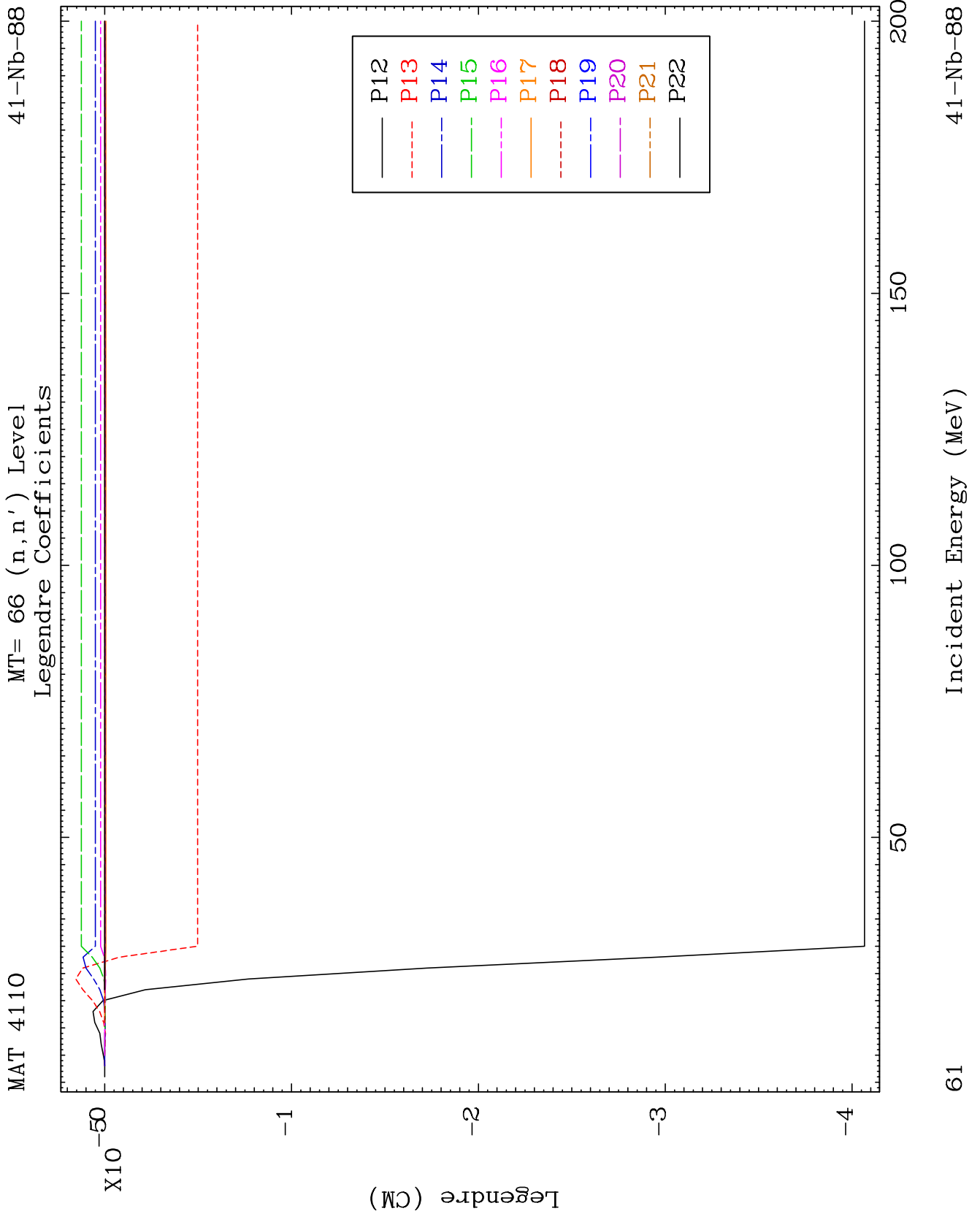
57

Incident Energy (MeV)

41-Nb-88



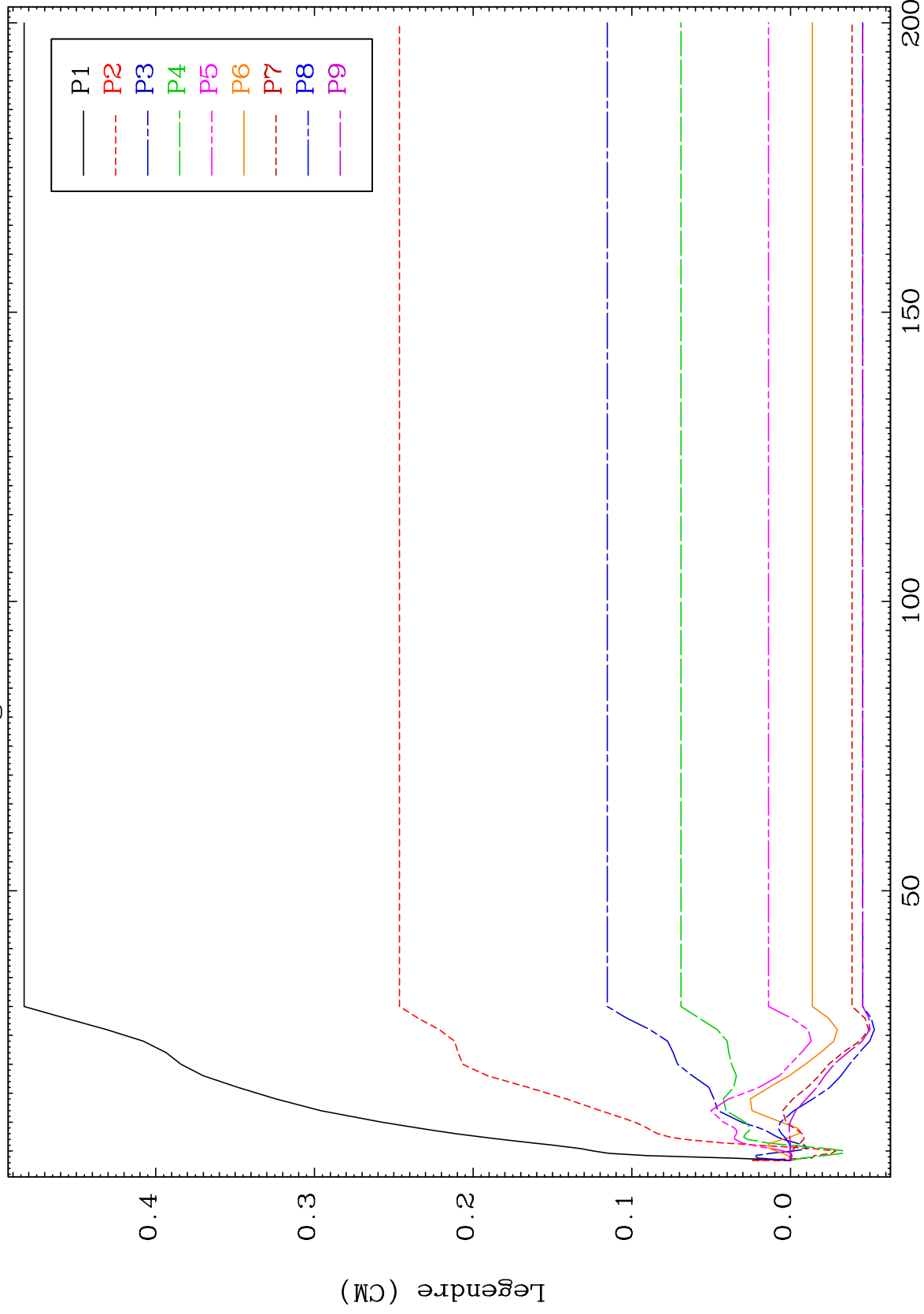




MAT 4110

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

41-Nb-88



62

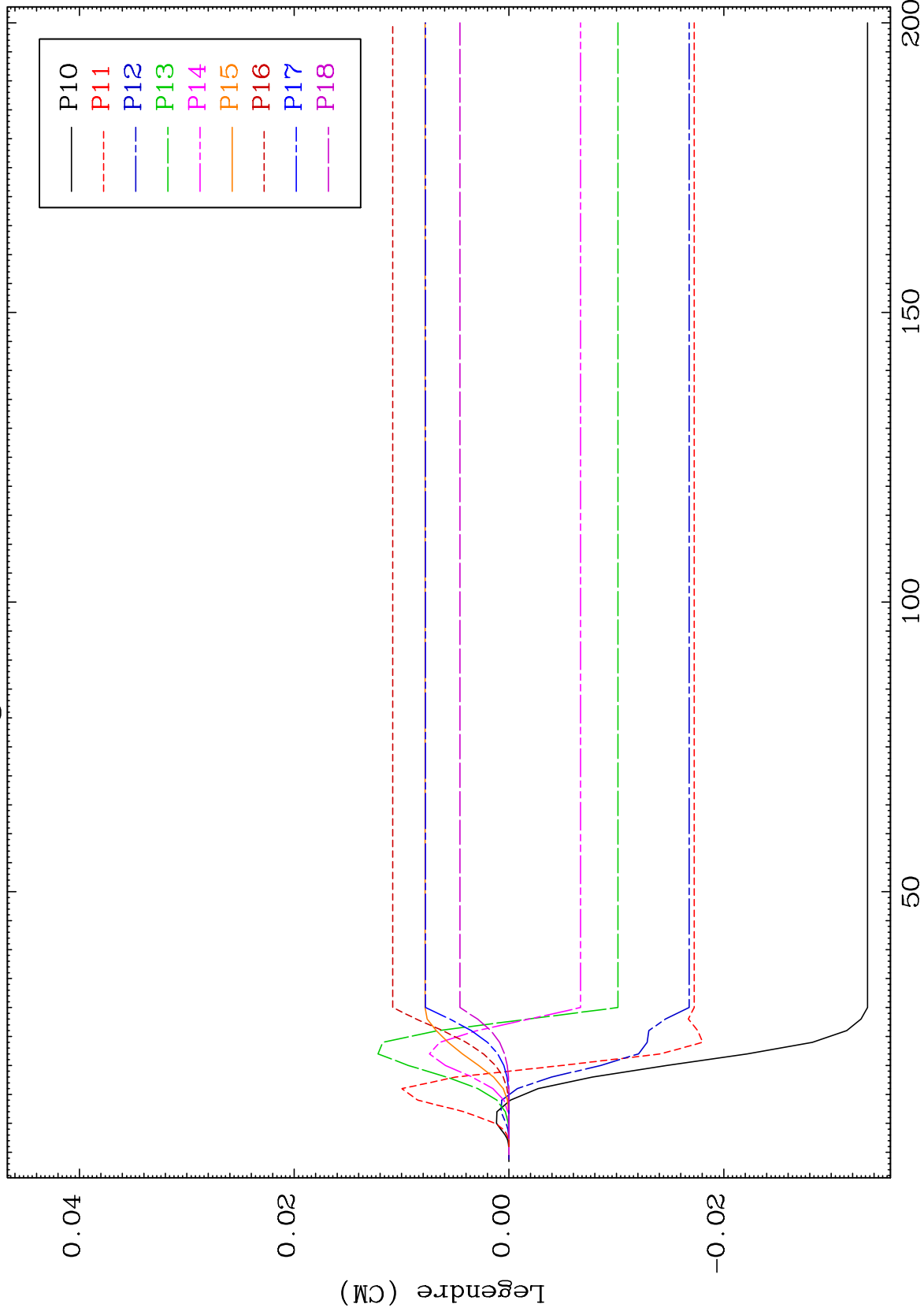
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



63

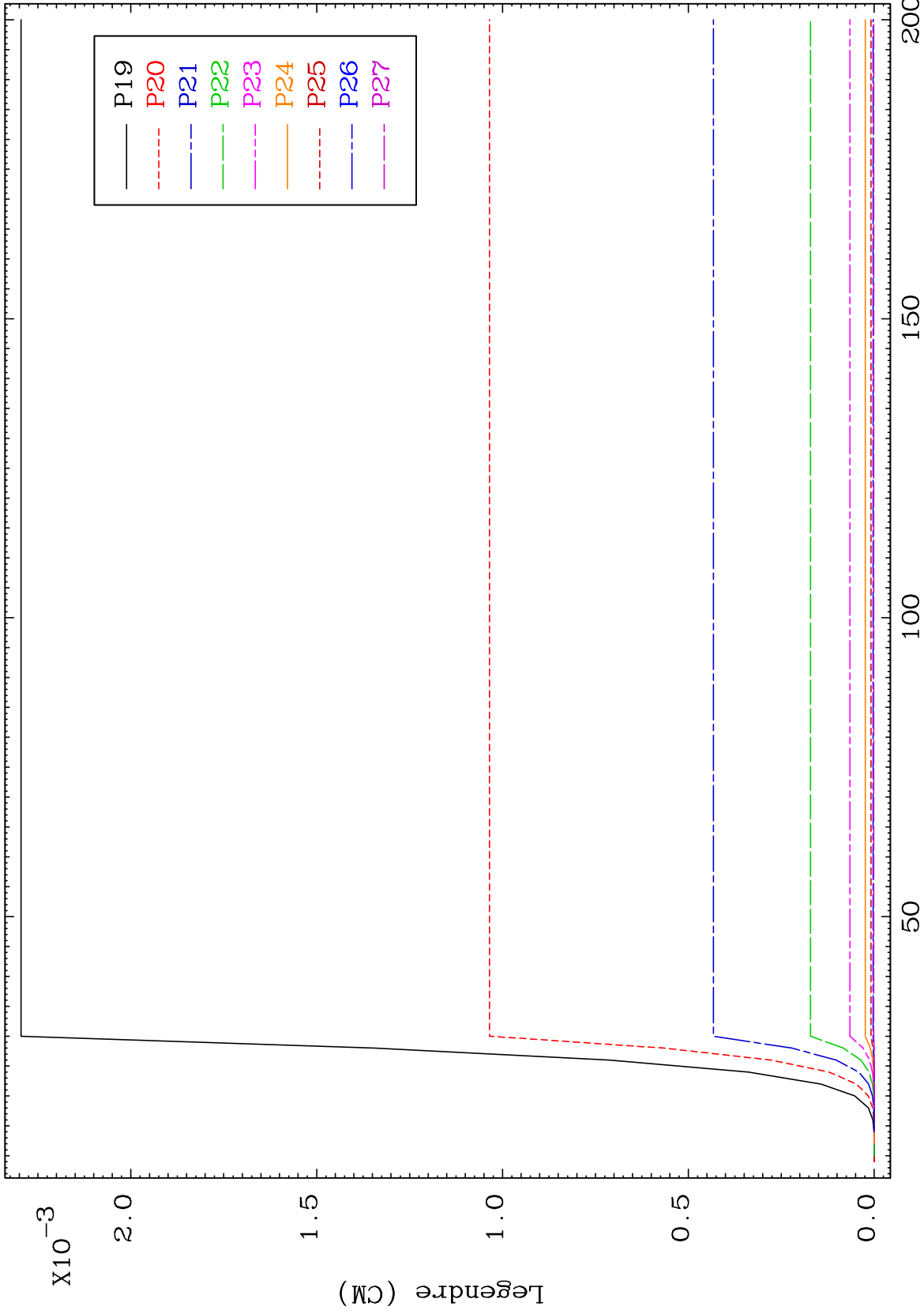
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



64

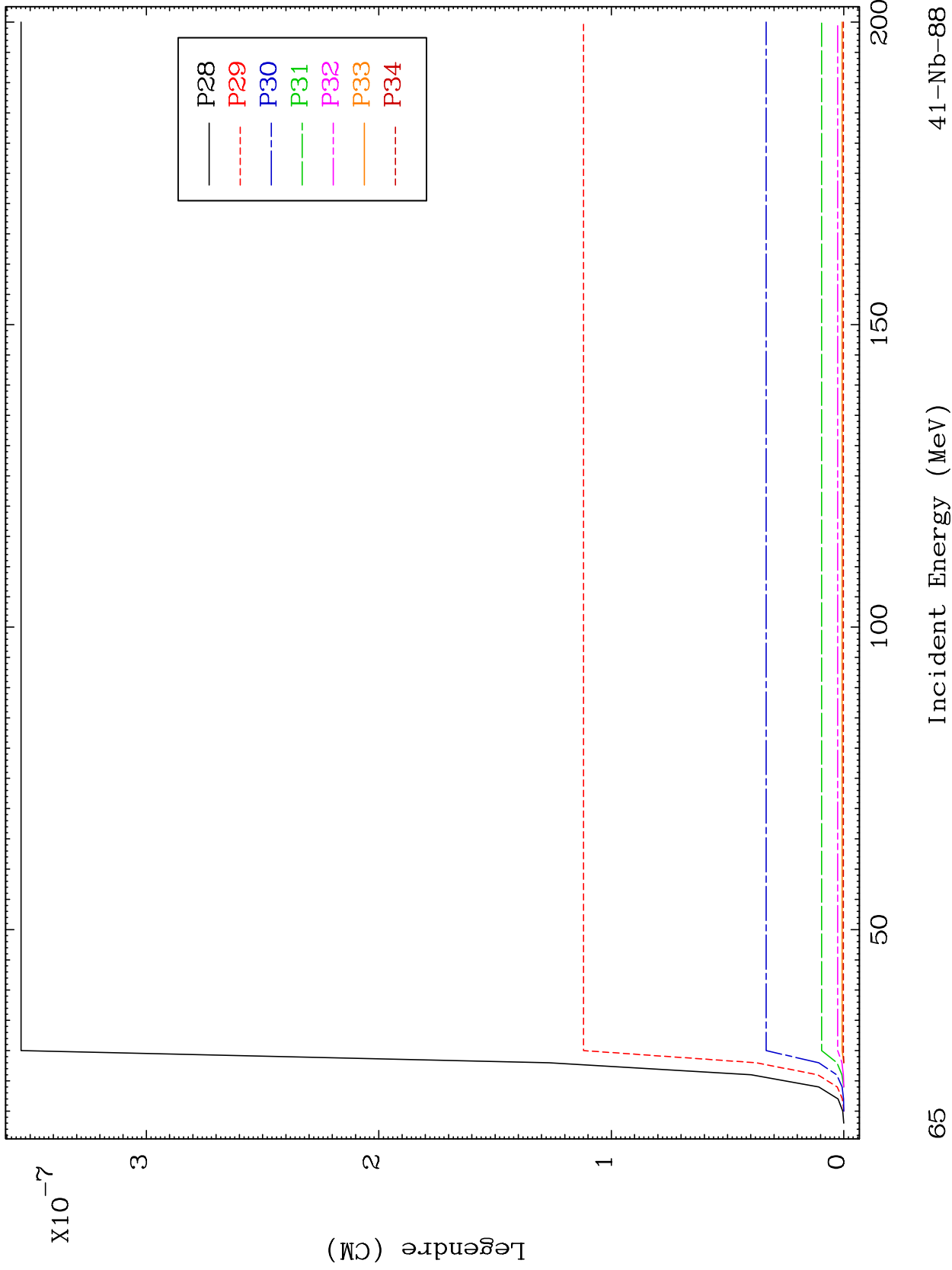
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



65

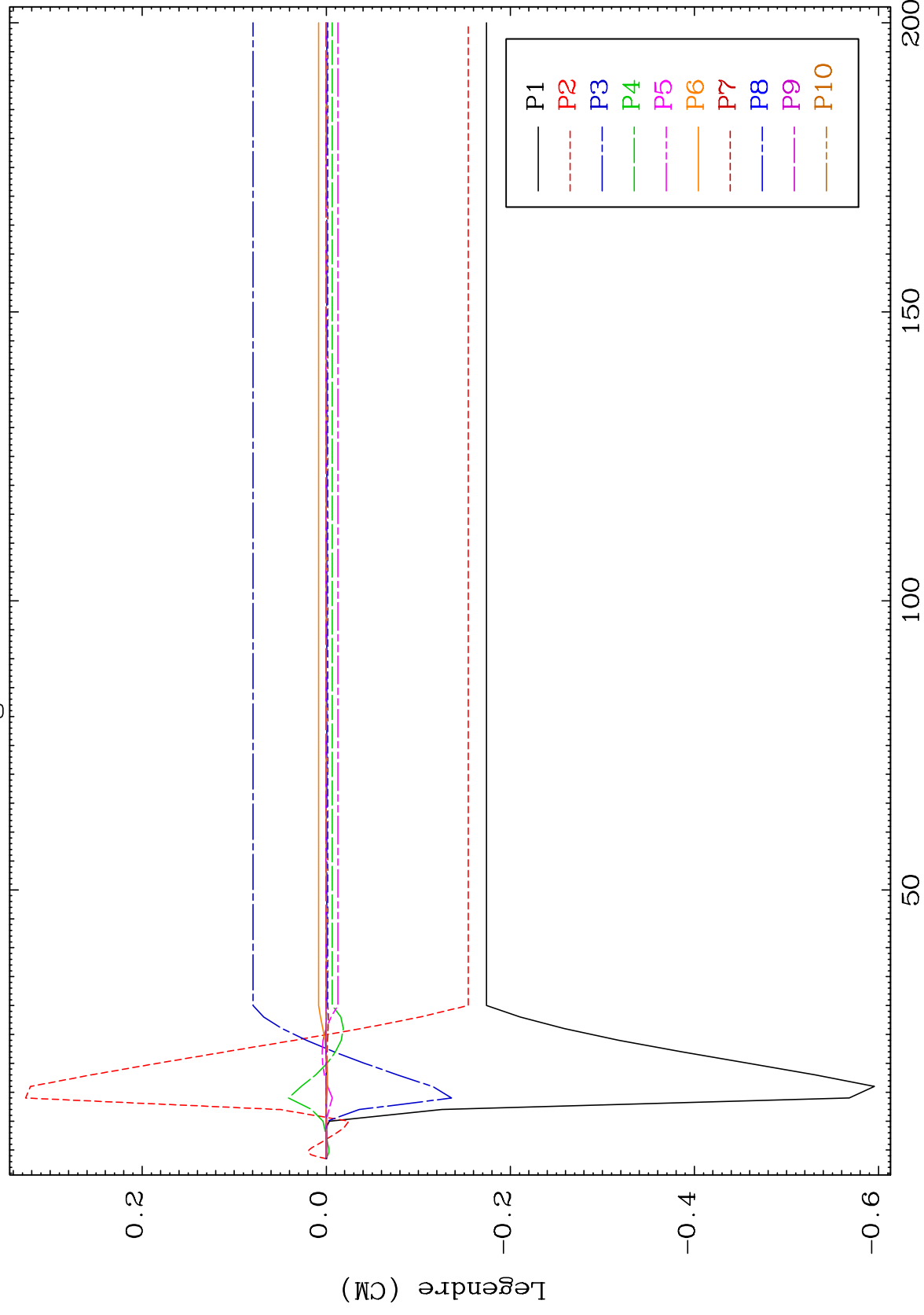
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



66

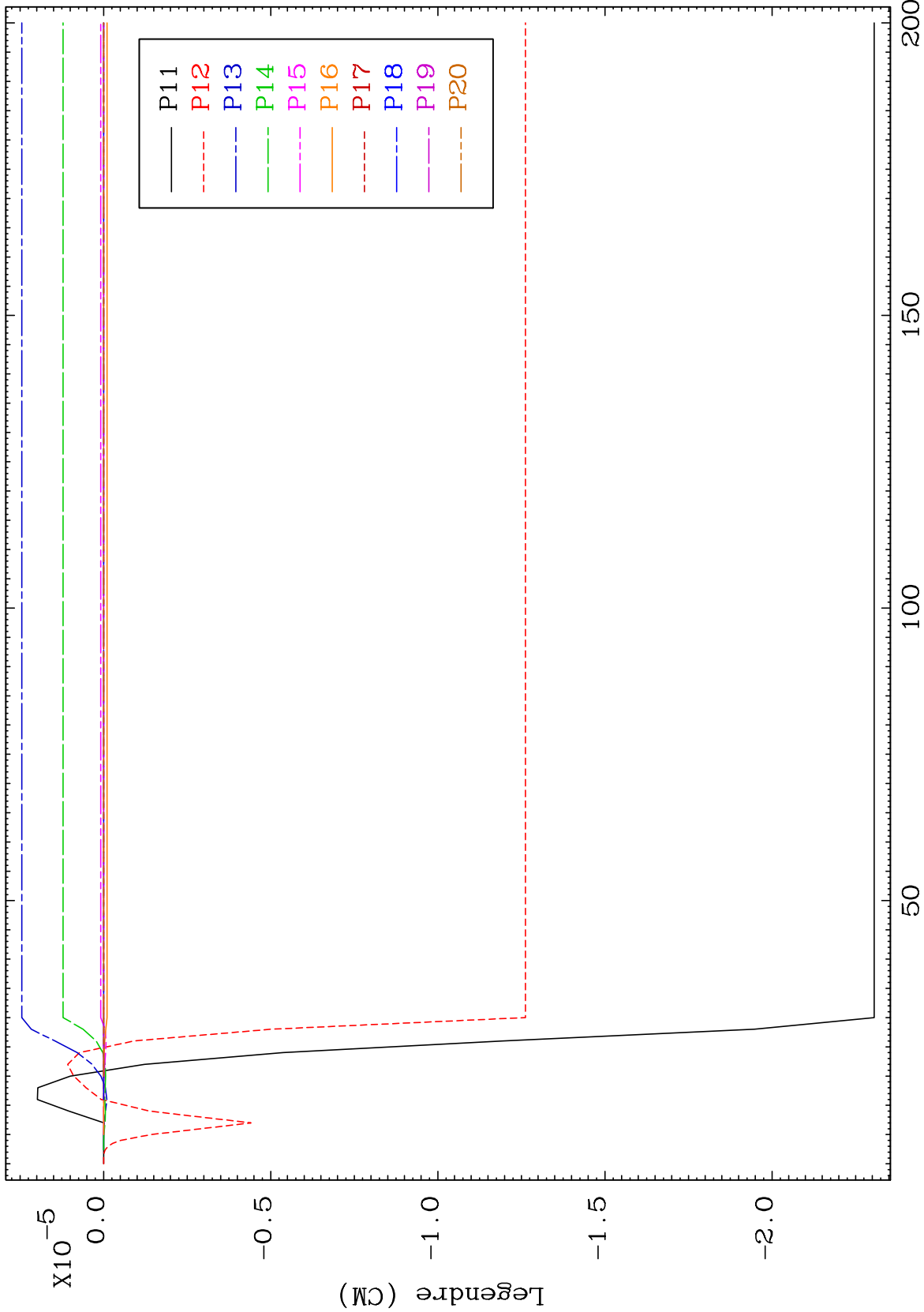
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

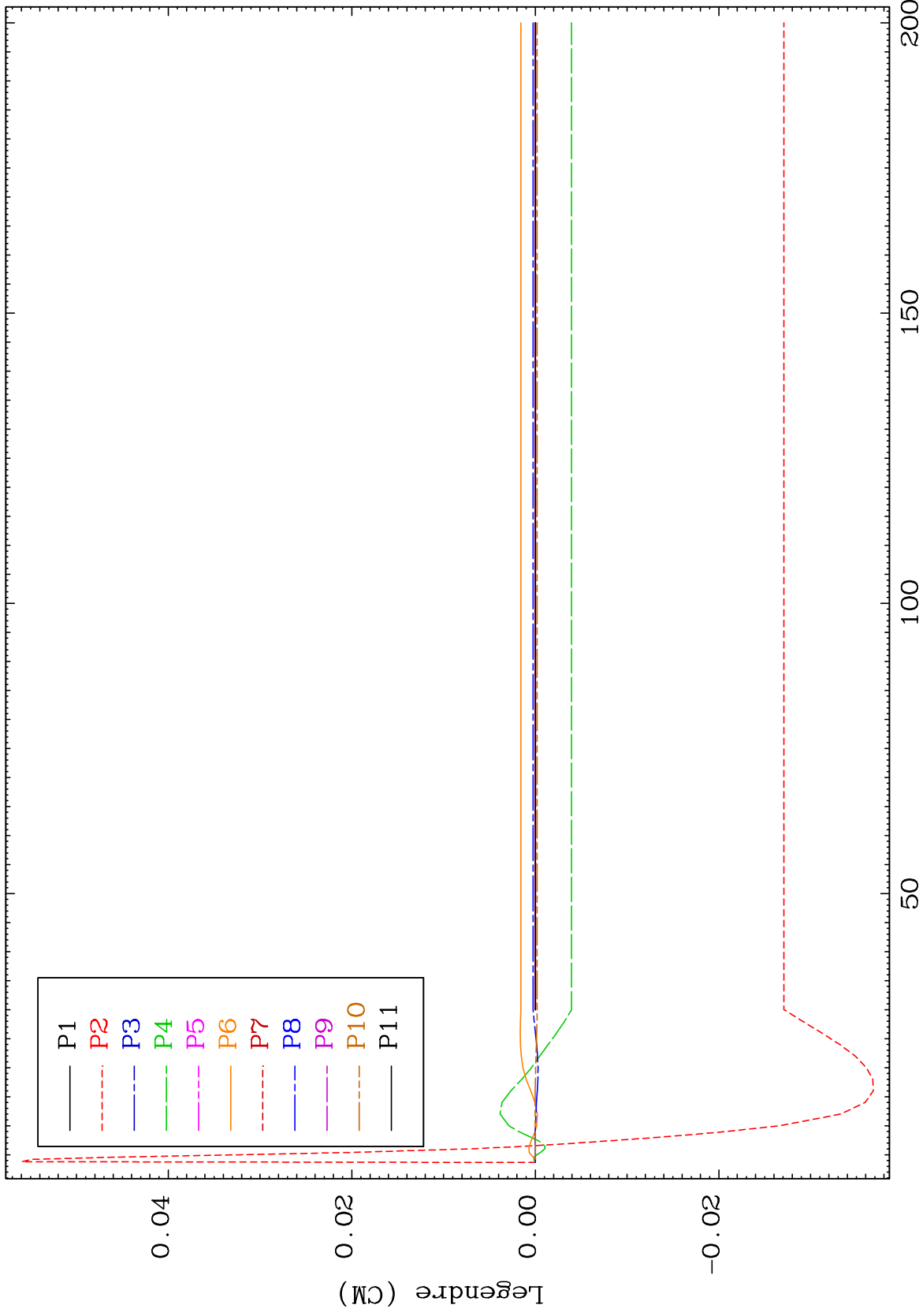
41-Nb-88



67

Incident Energy (MeV)

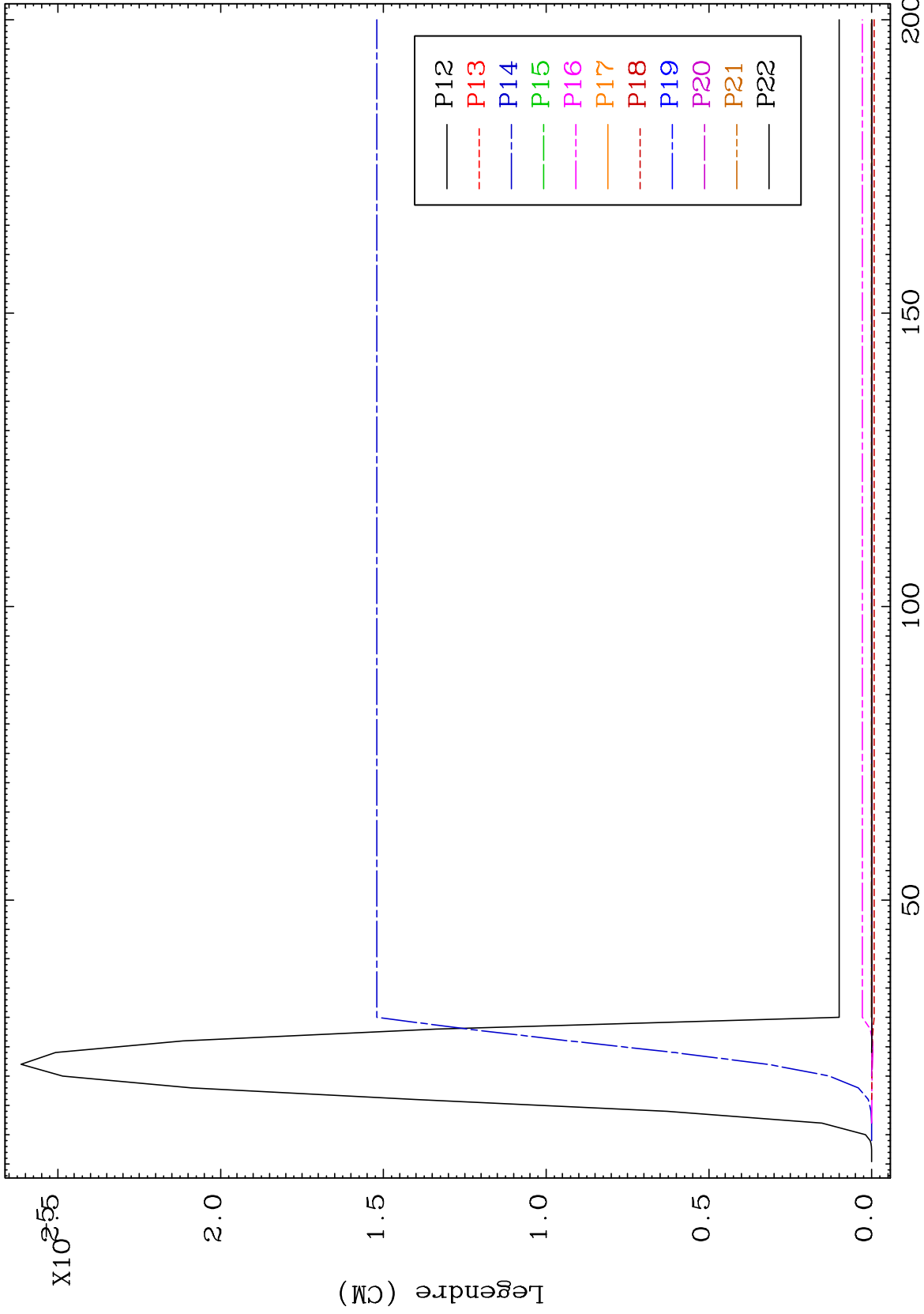
41-Nb-88



MAT 4110

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

41-Nb-88



69

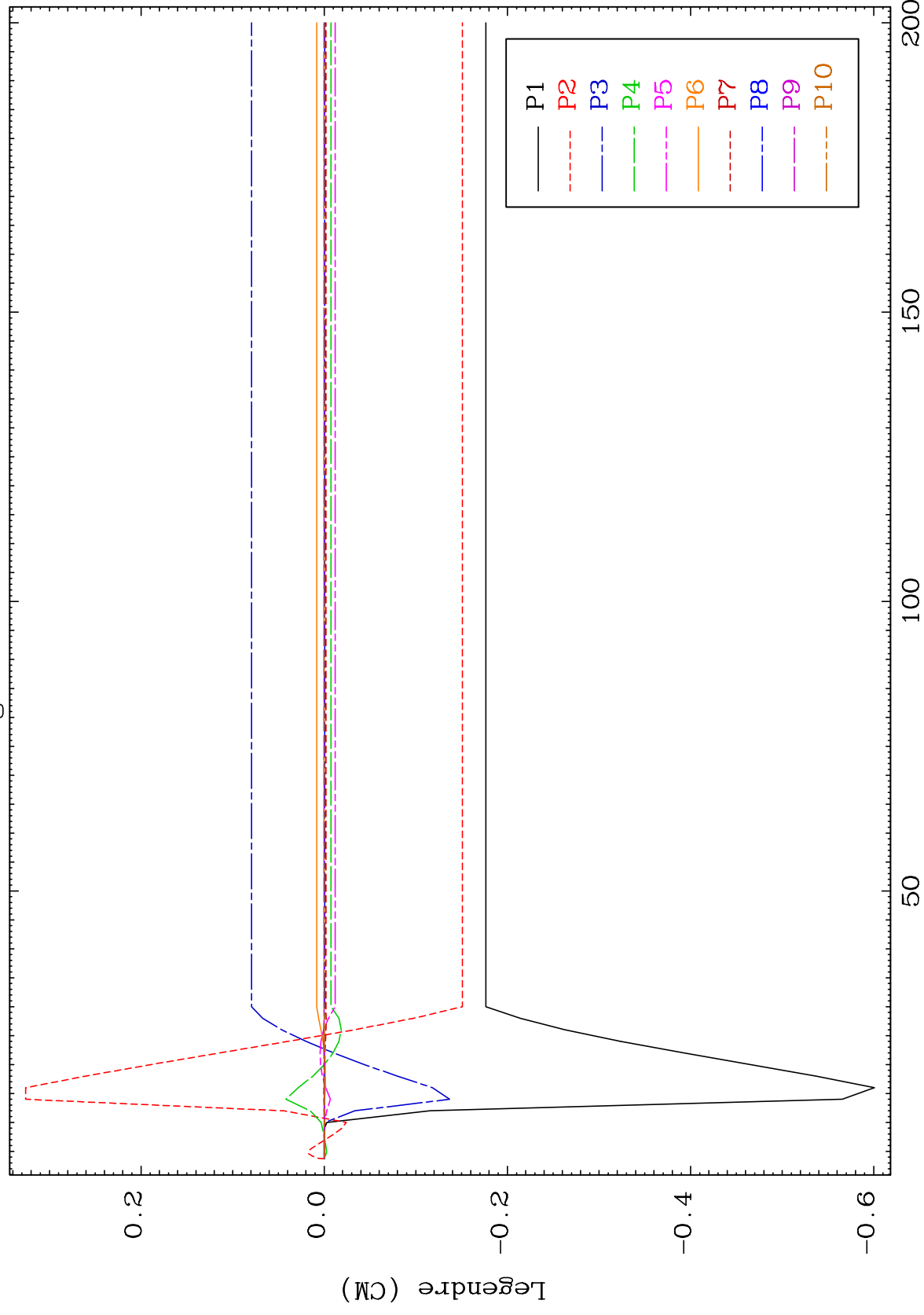
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



70

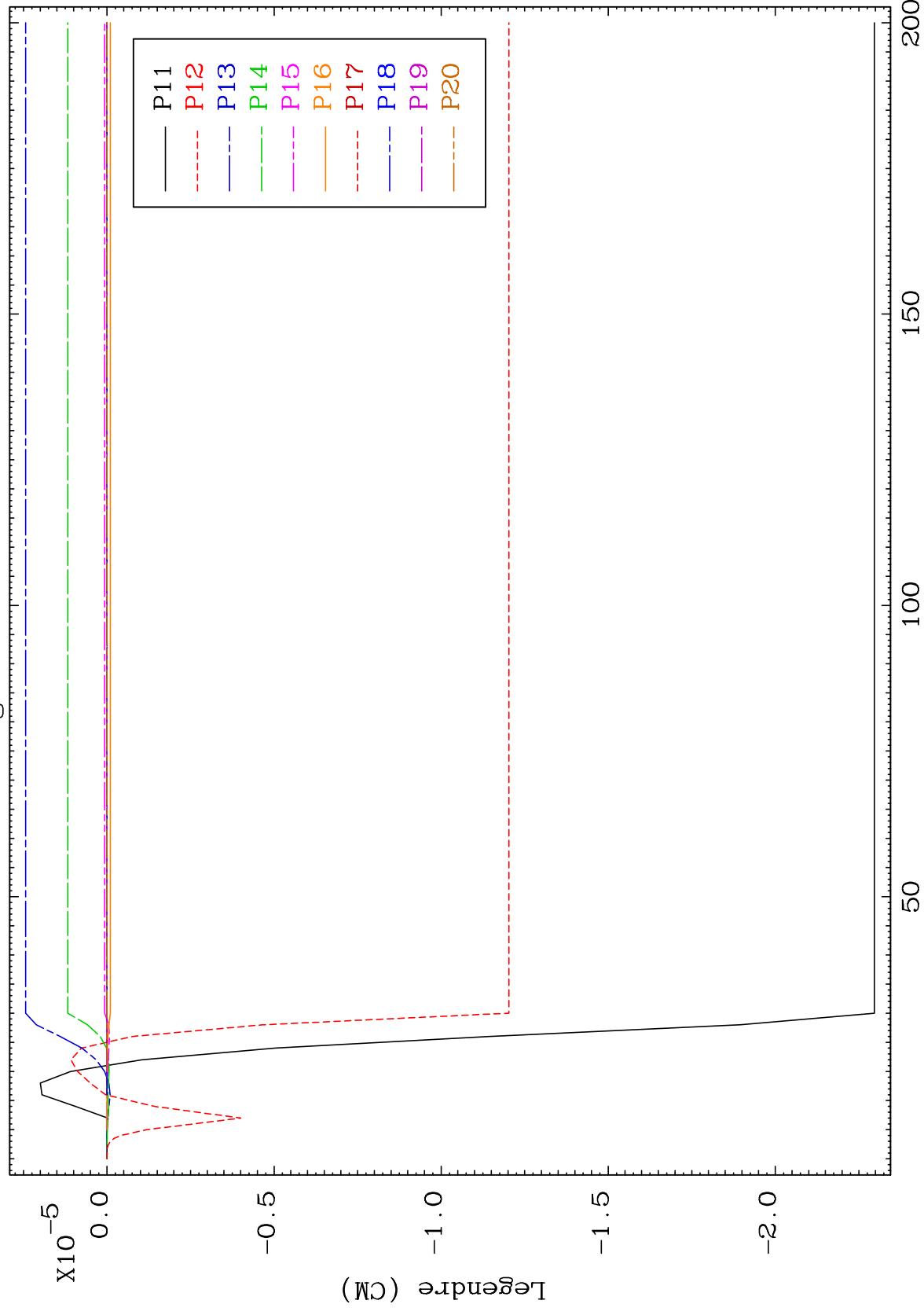
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

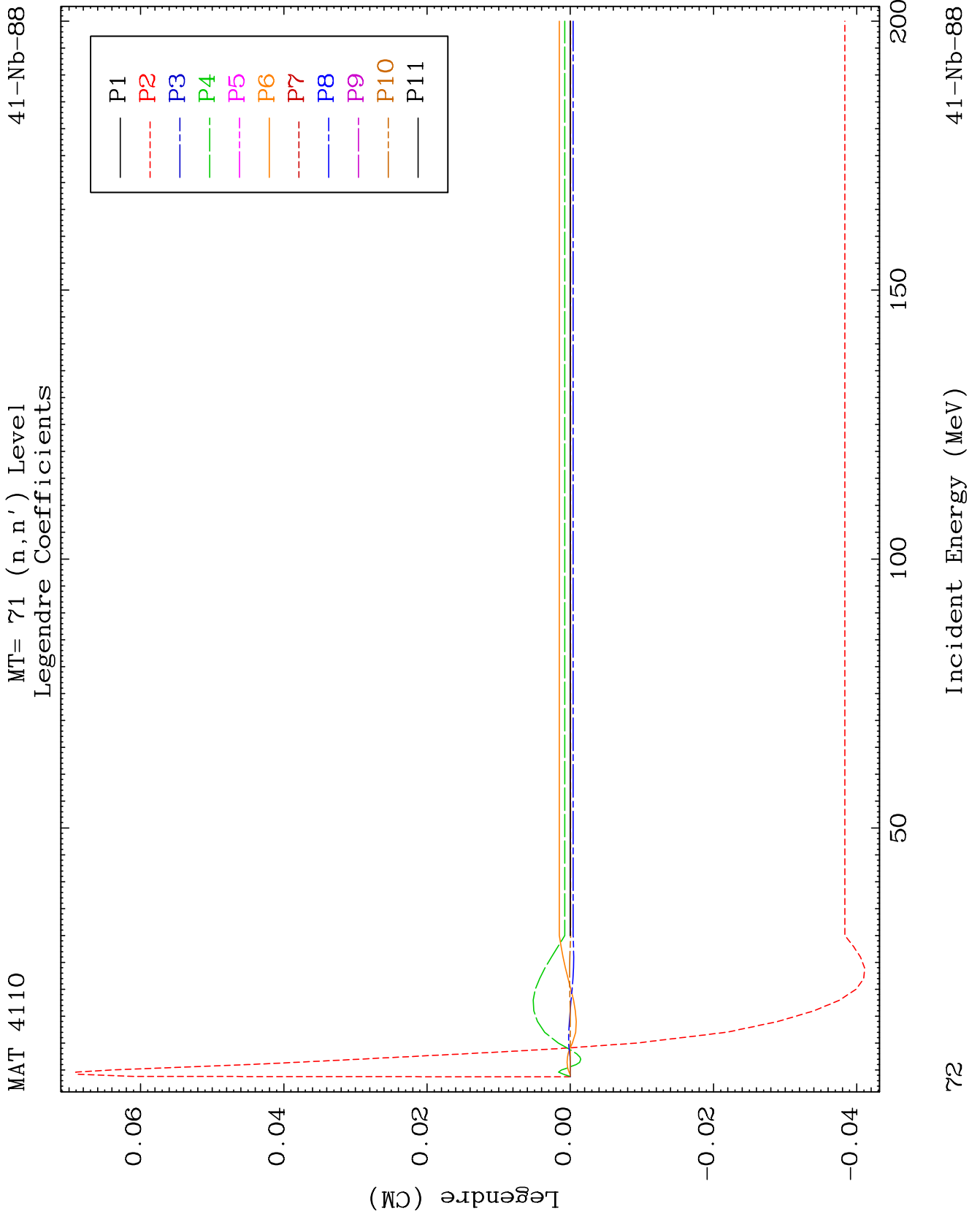
41-Nb-88



71

Incident Energy (MeV)

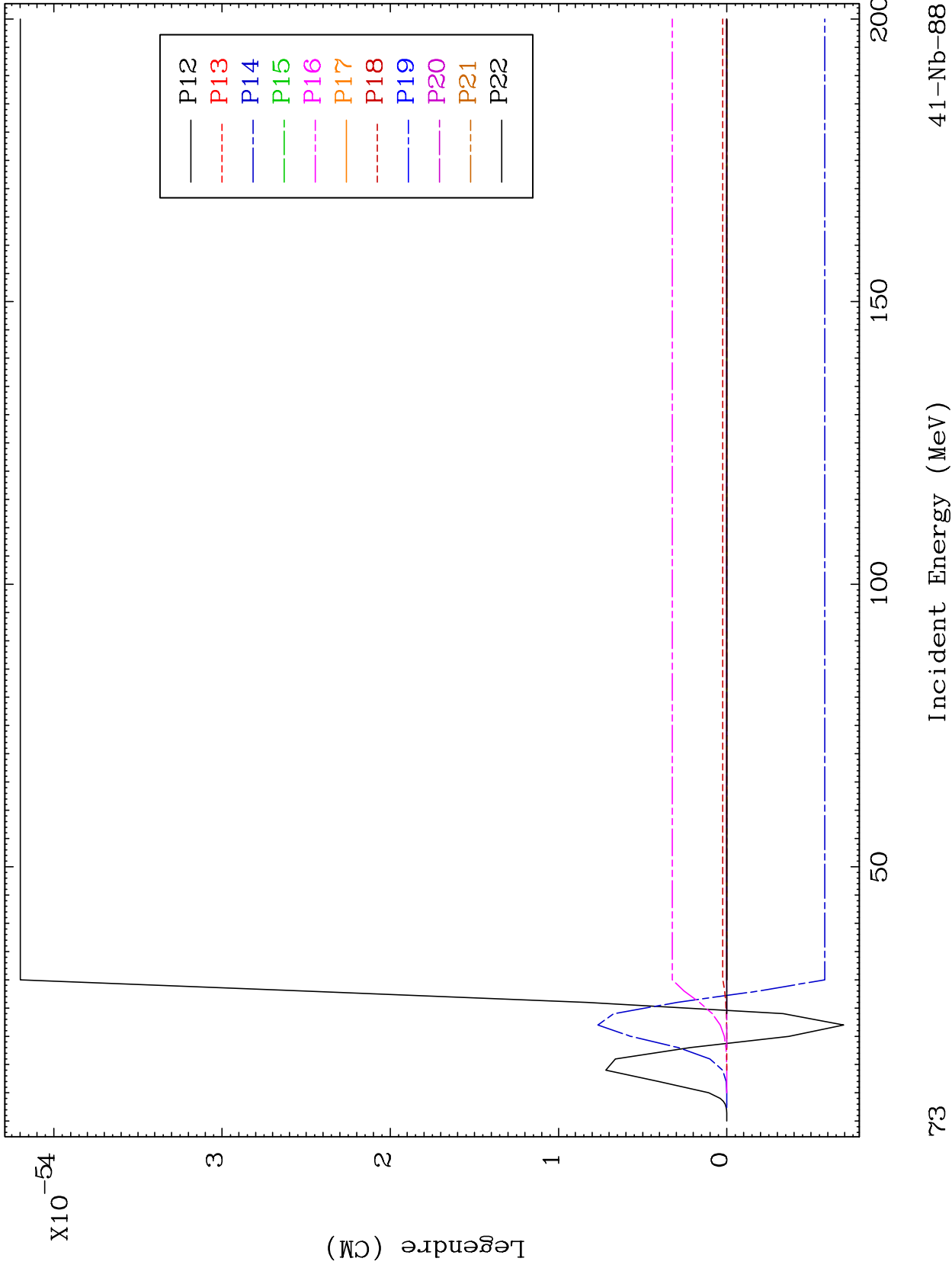
41-Nb-88



MAT 4110

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

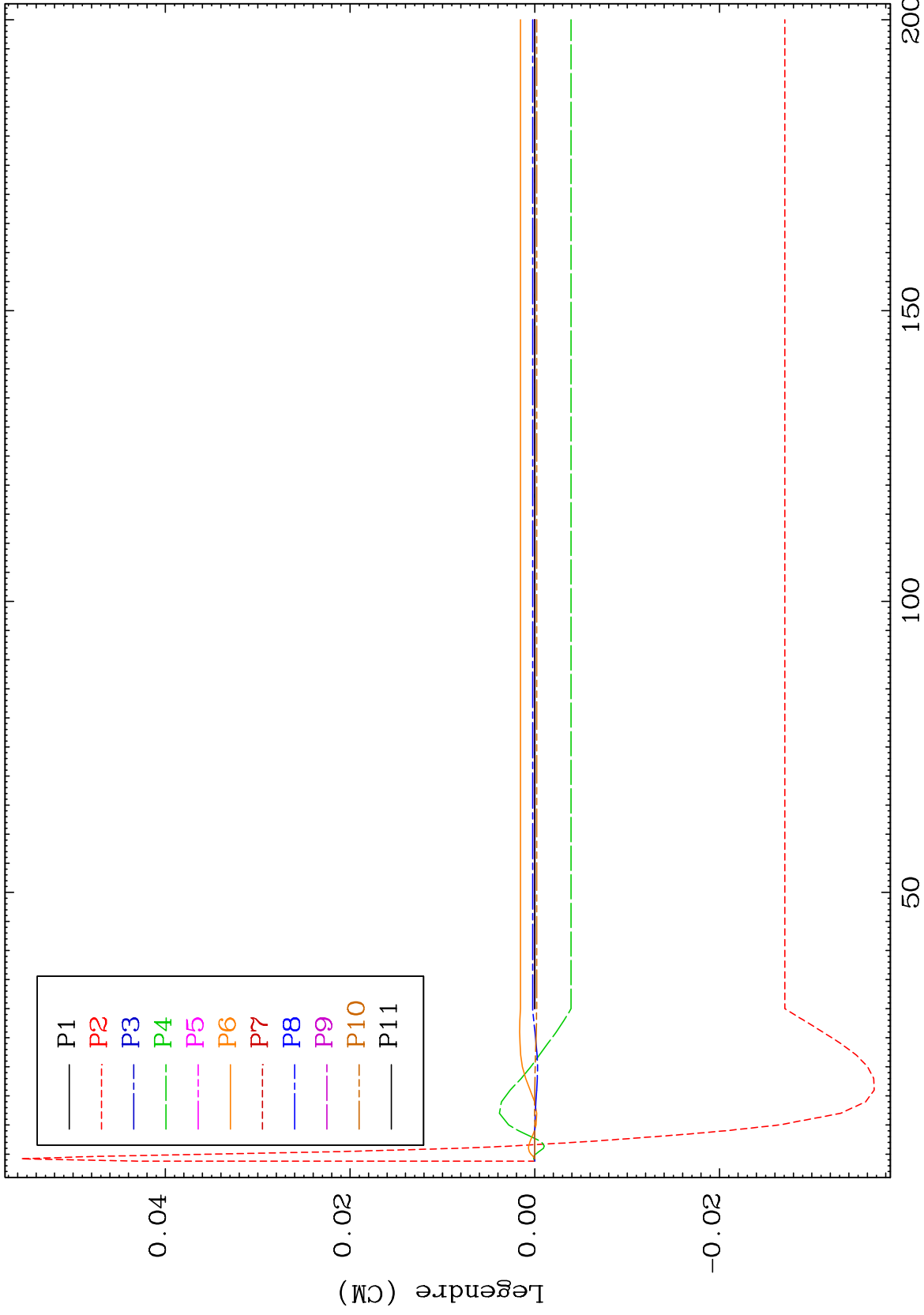
41-Nb-88



MAT 4110

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

41-Nb-88



74

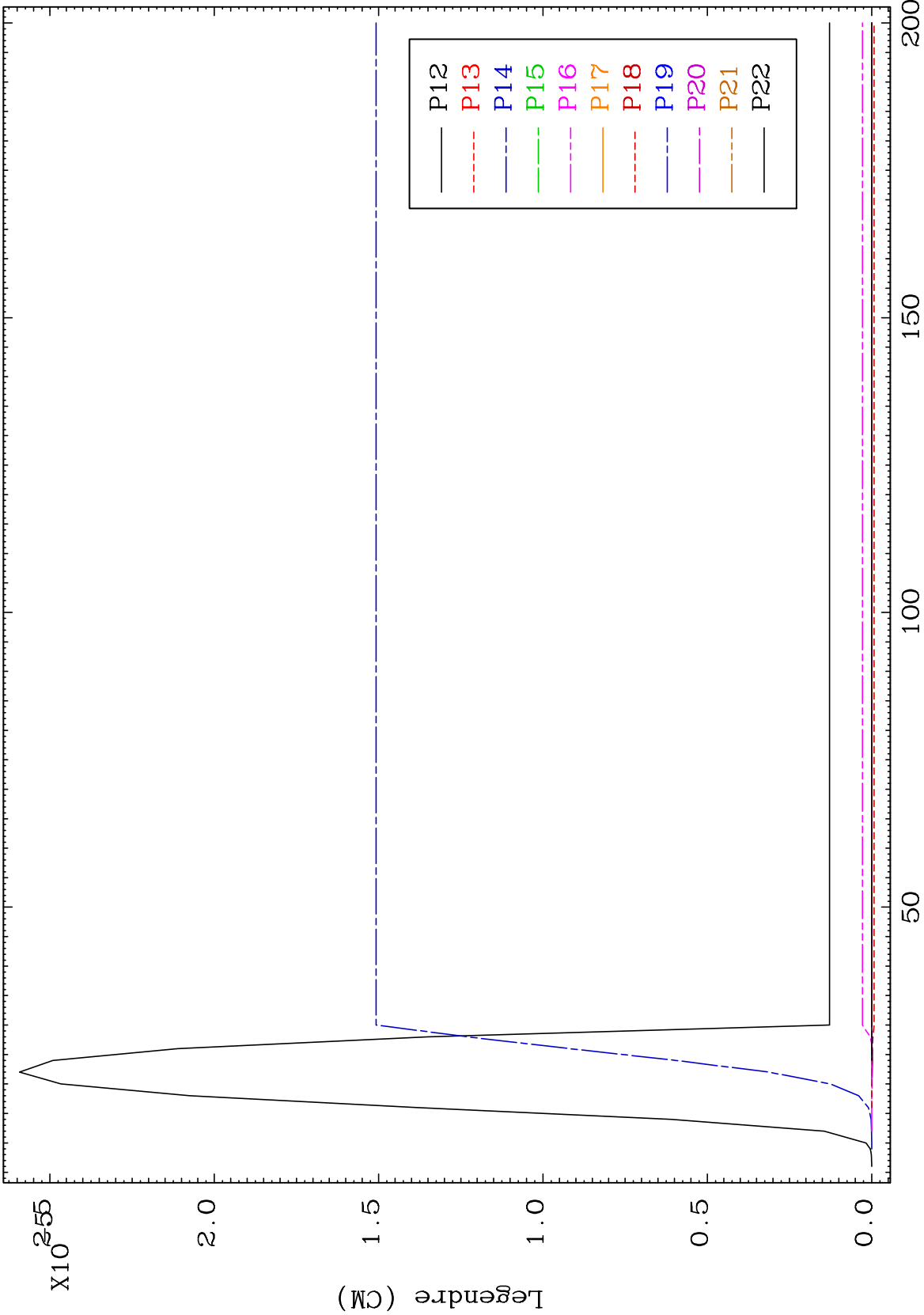
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



75

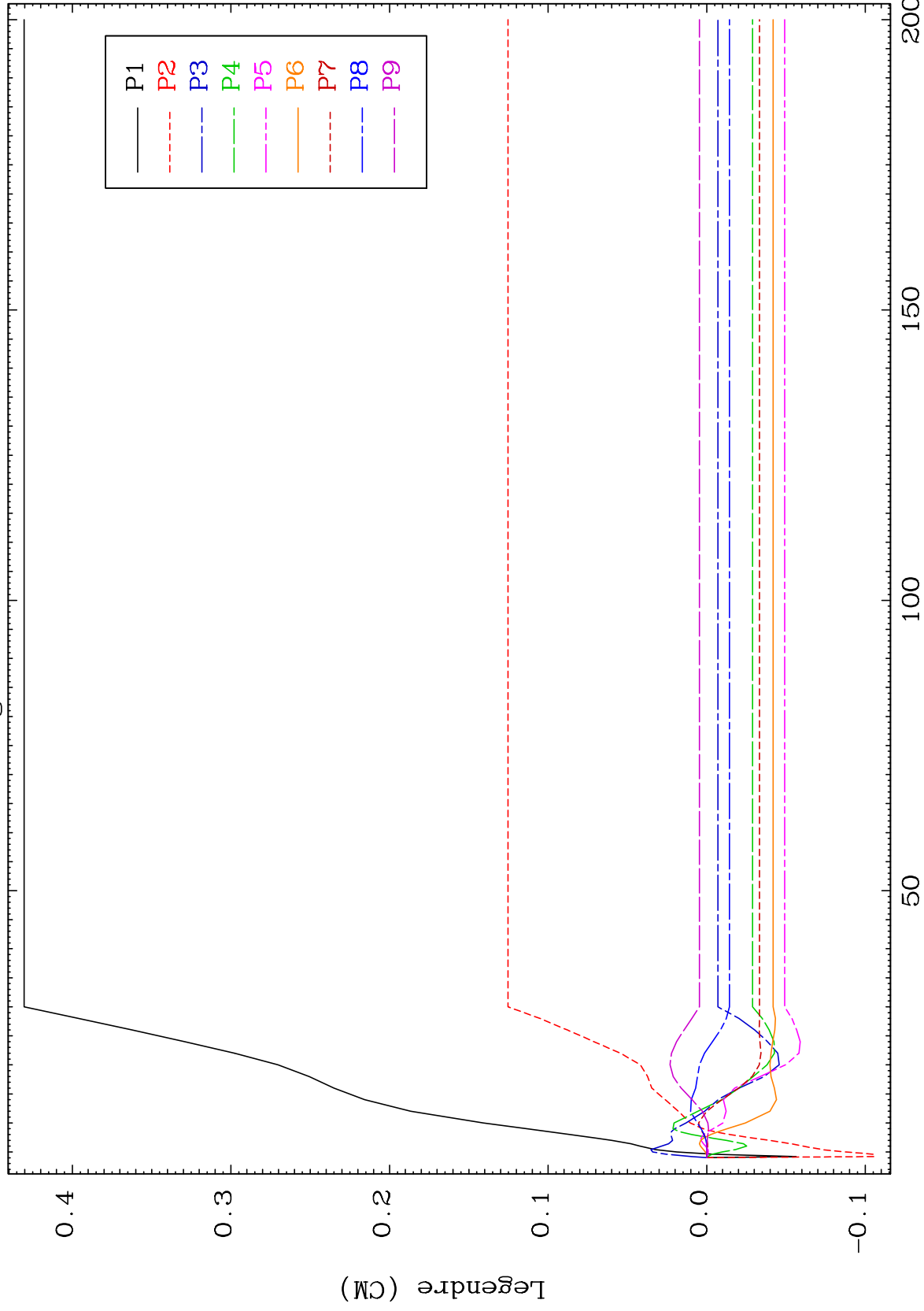
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

41-Nb-88



76

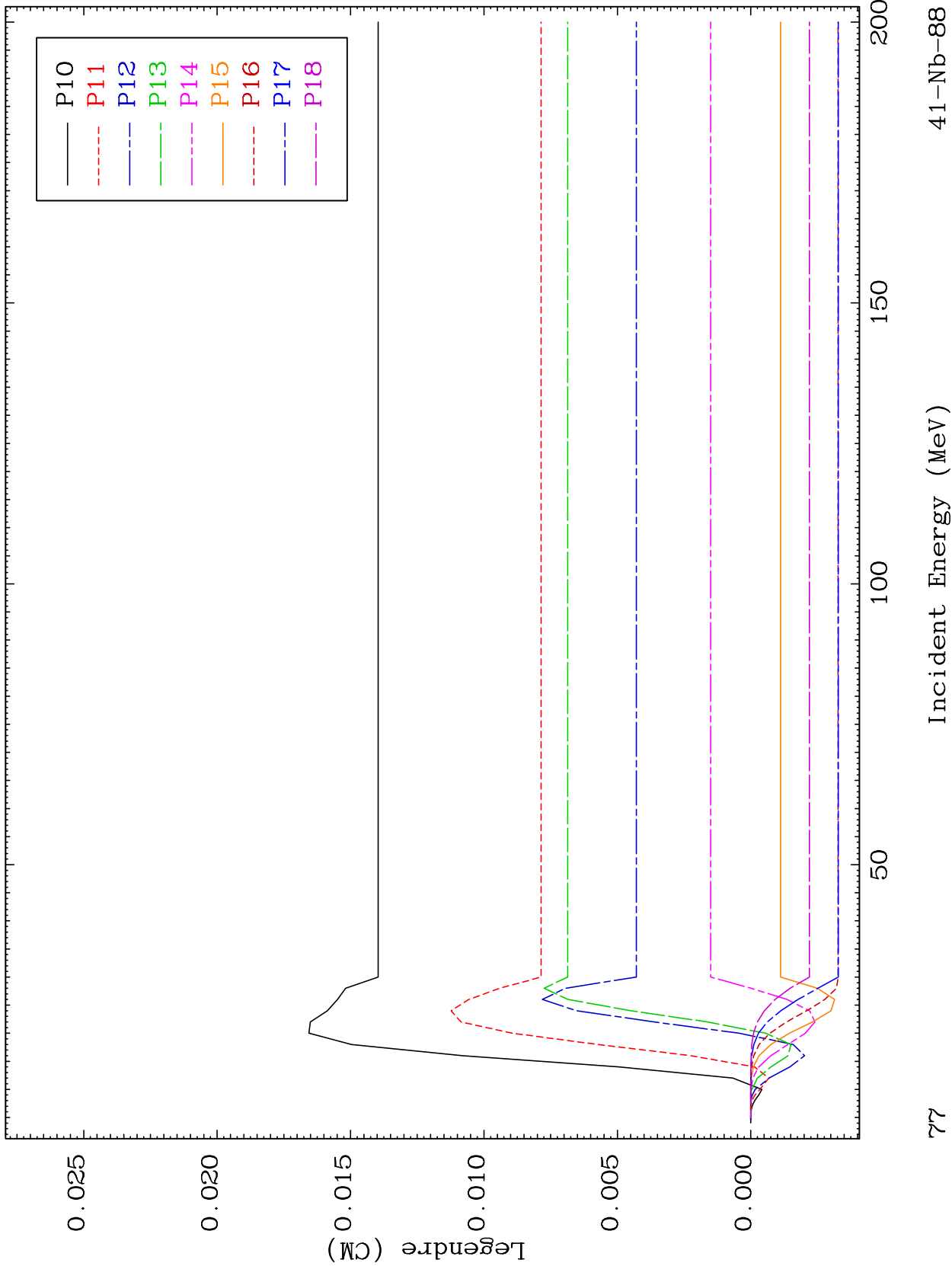
Incident Energy (MeV)

41-Nb-88

MAT 4110

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

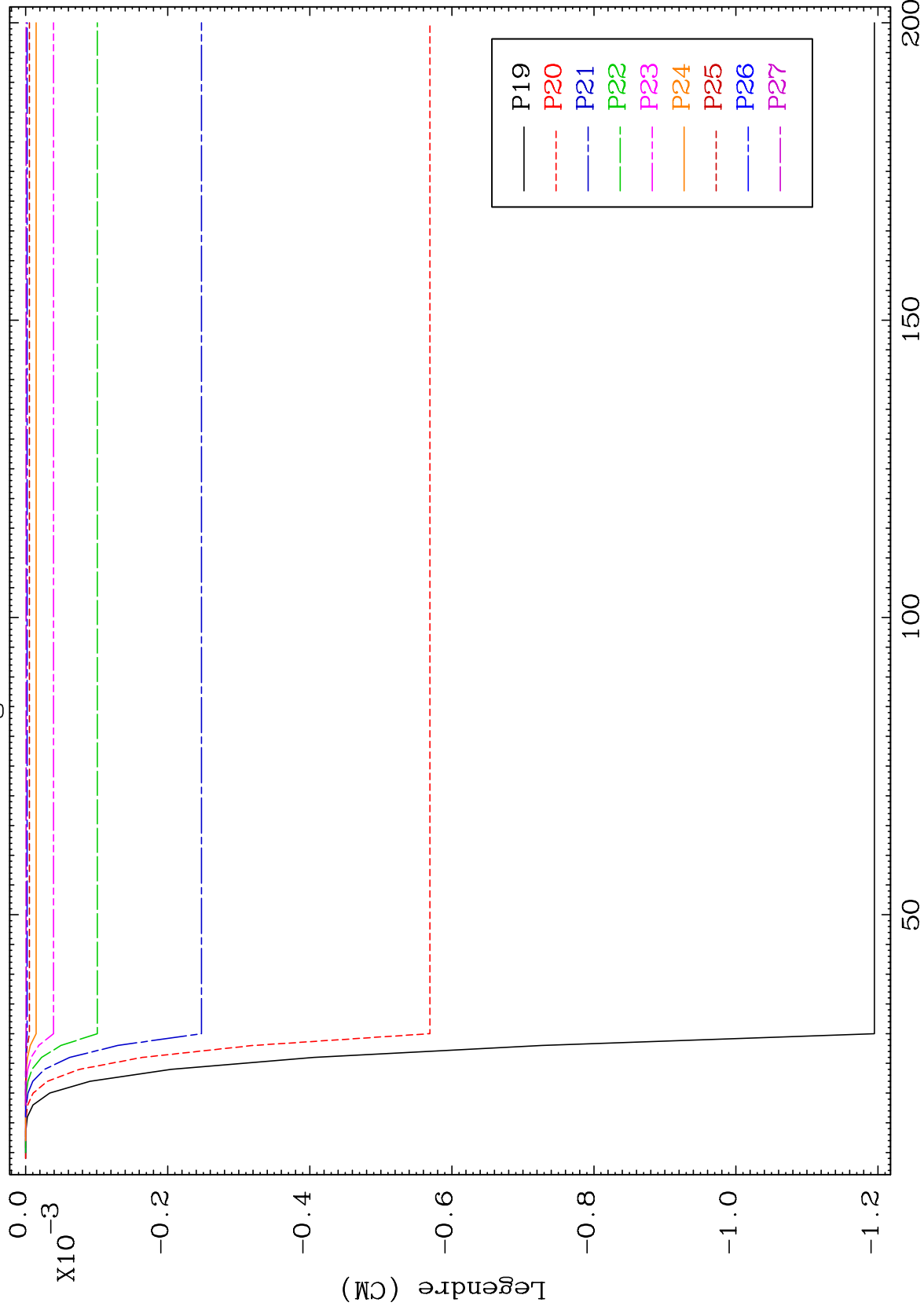
41-Nb-88

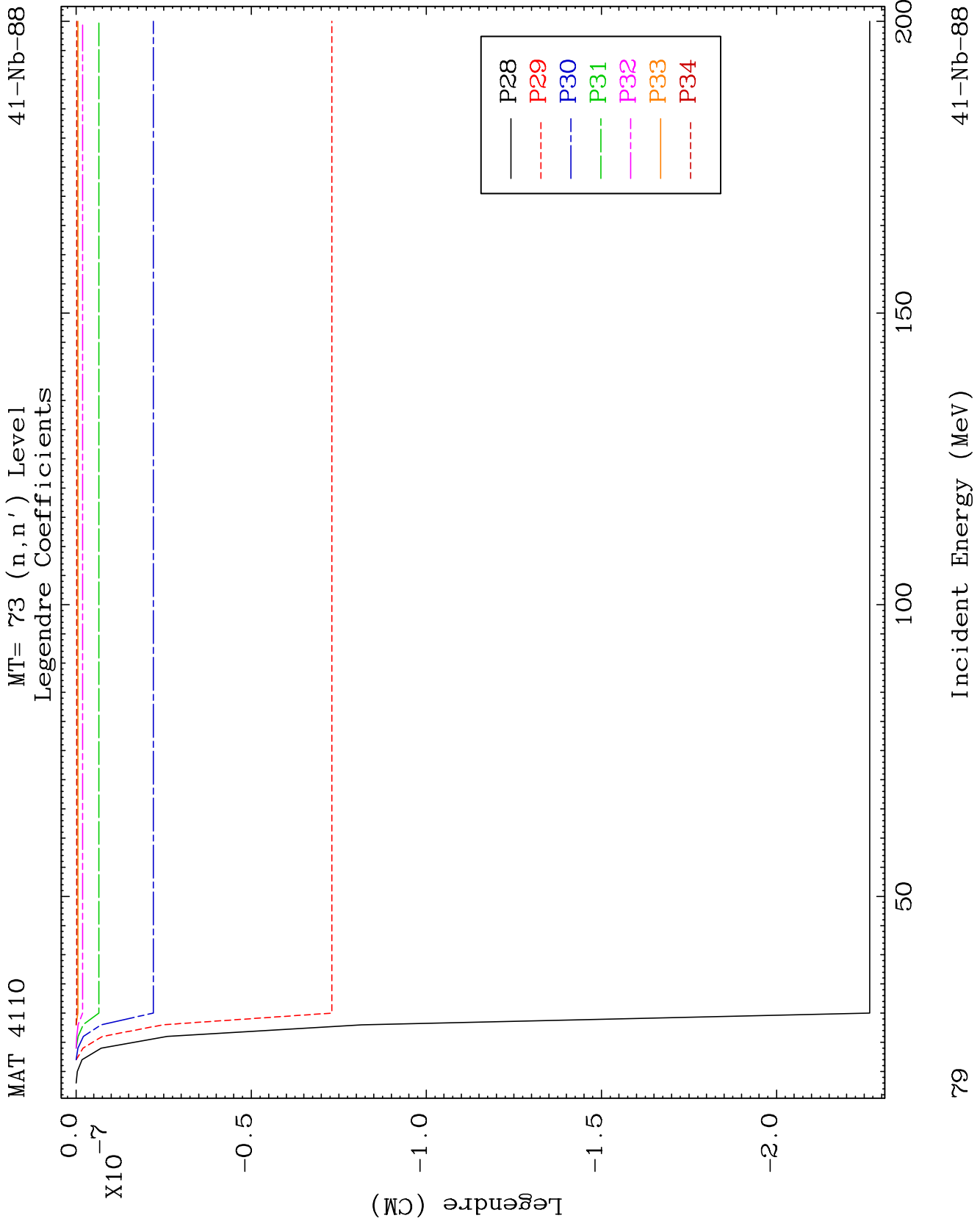


77

Incident Energy (MeV)

41-Nb-88

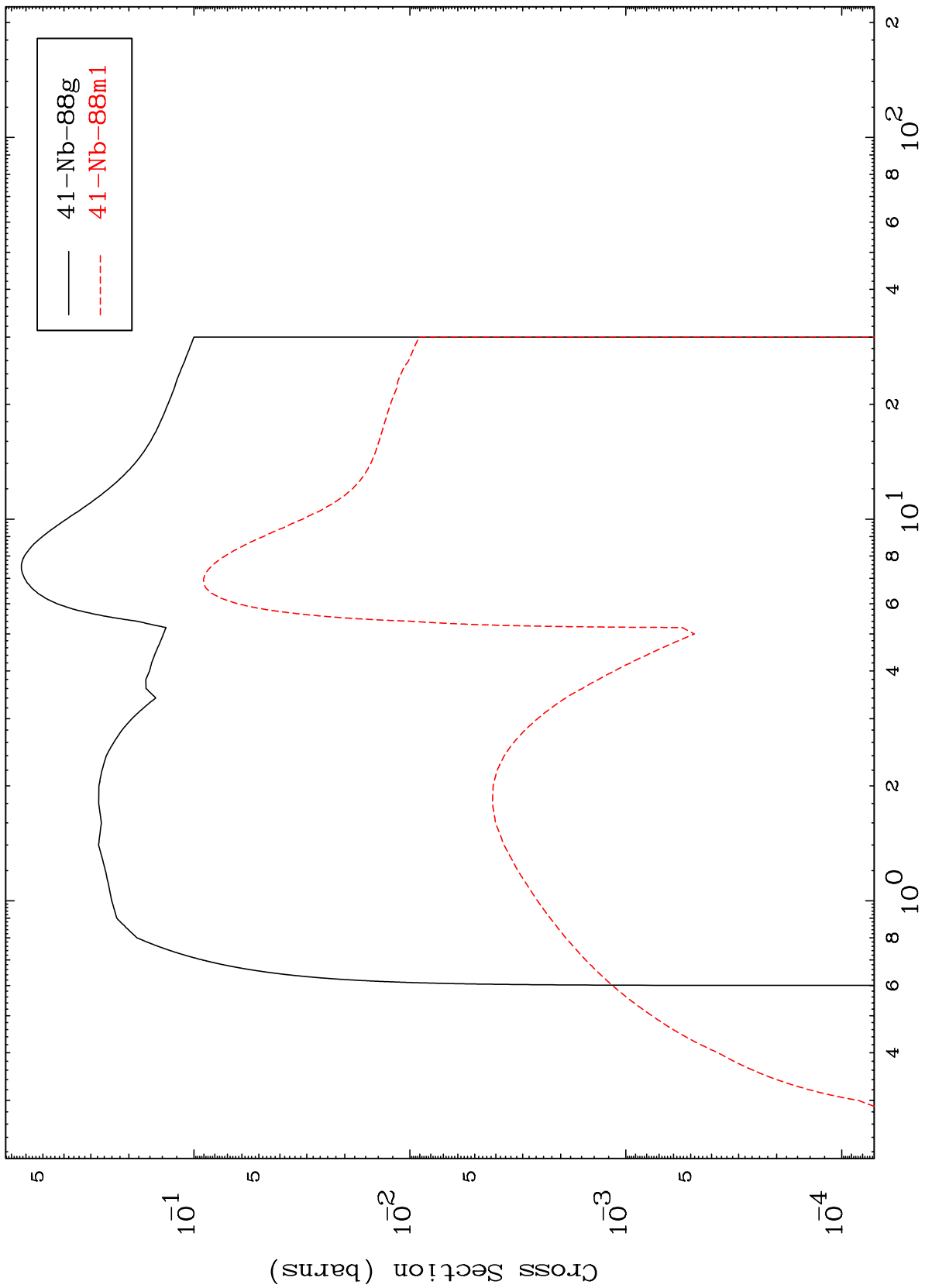




MAT 4110

41-Nb-88

Inelastic
Radionuclide Production Cross Section



80

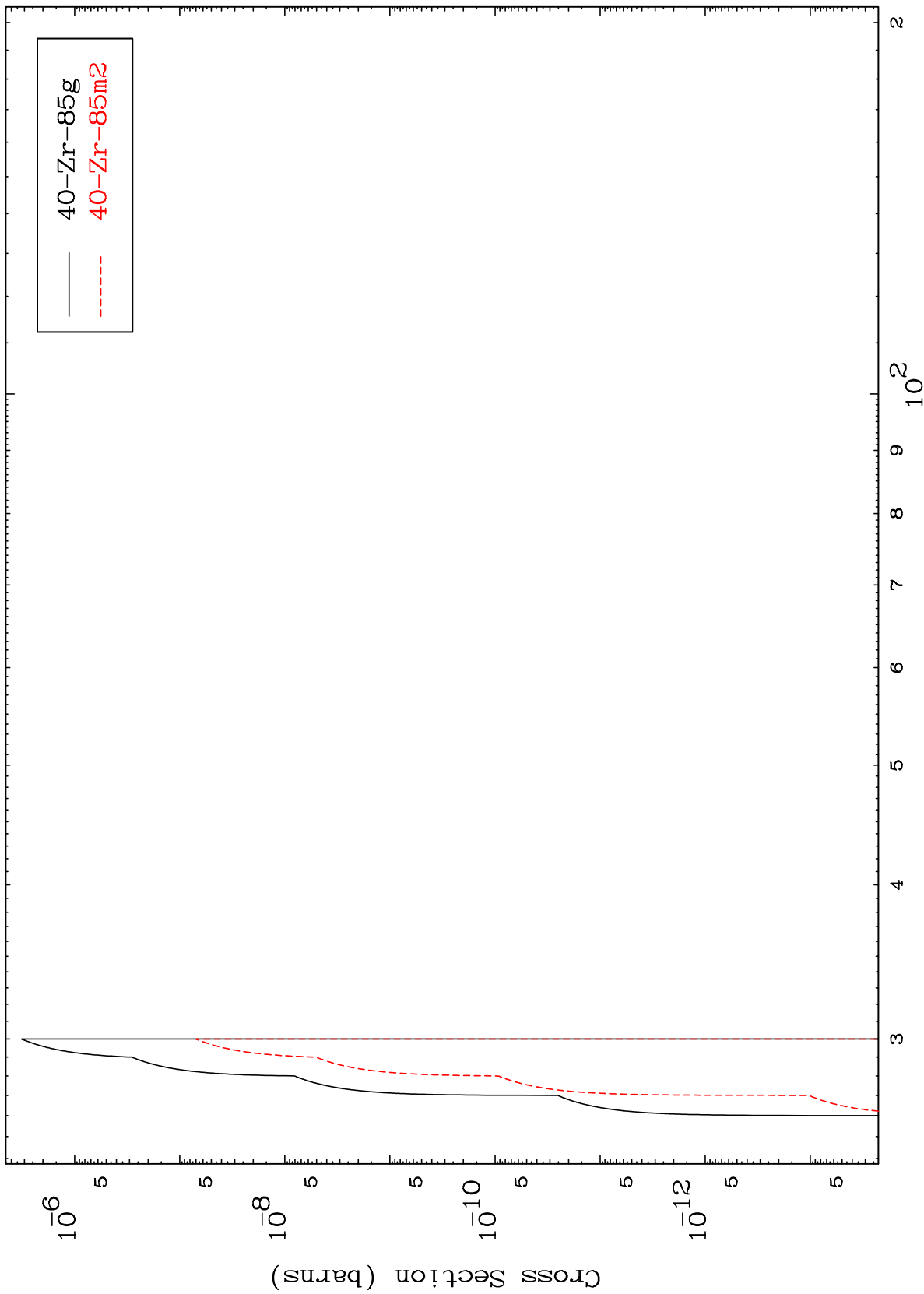
41-Nb-88

MAT 4110

(n,2n) d

41-Nb-88

Radionuclide Production Cross Section



81

Incident Energy (MeV)

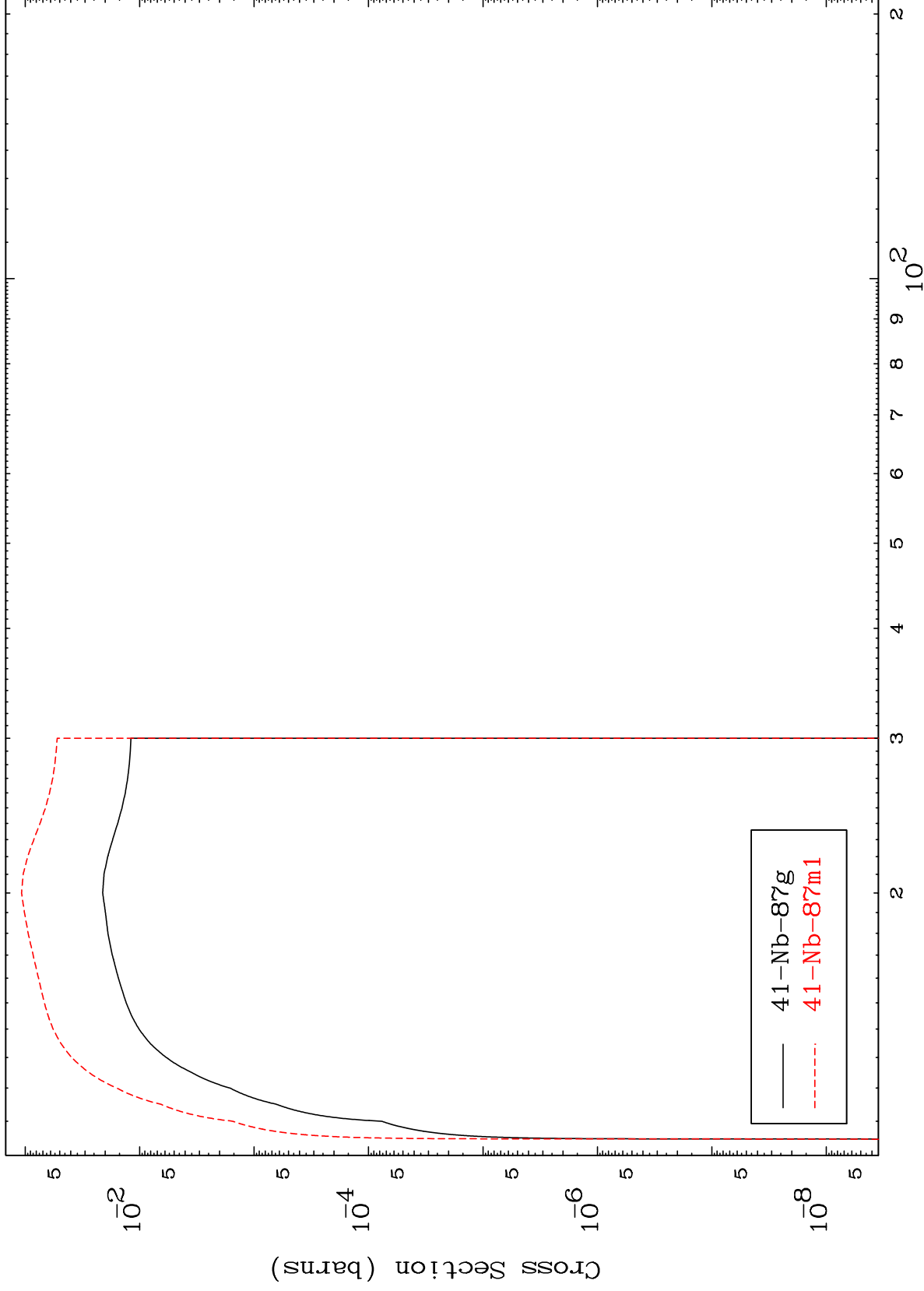
41-Nb-88

MAT 4110

(n,2n)

41-Nb-88

Radionuclide Production Cross Section

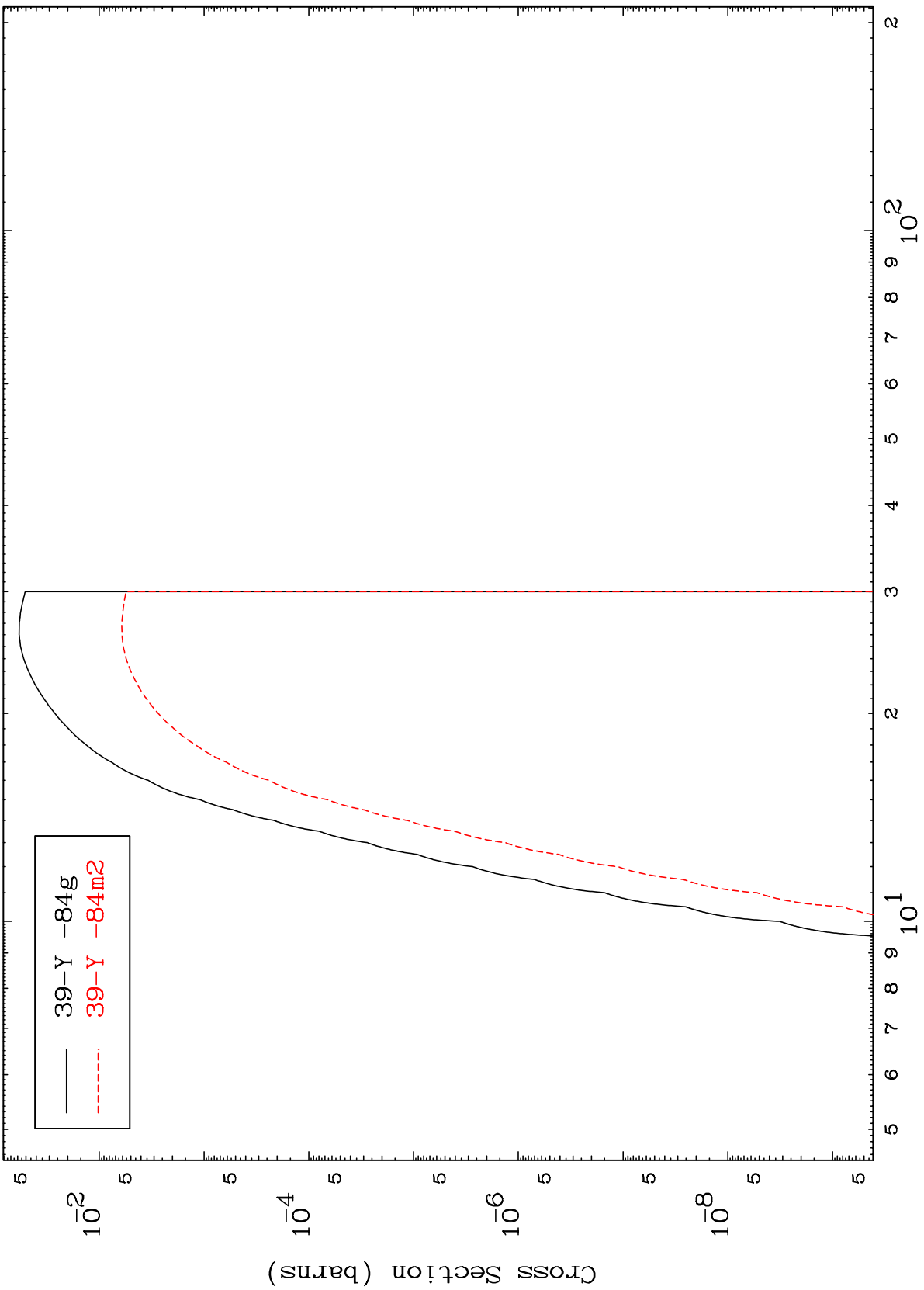


82

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section



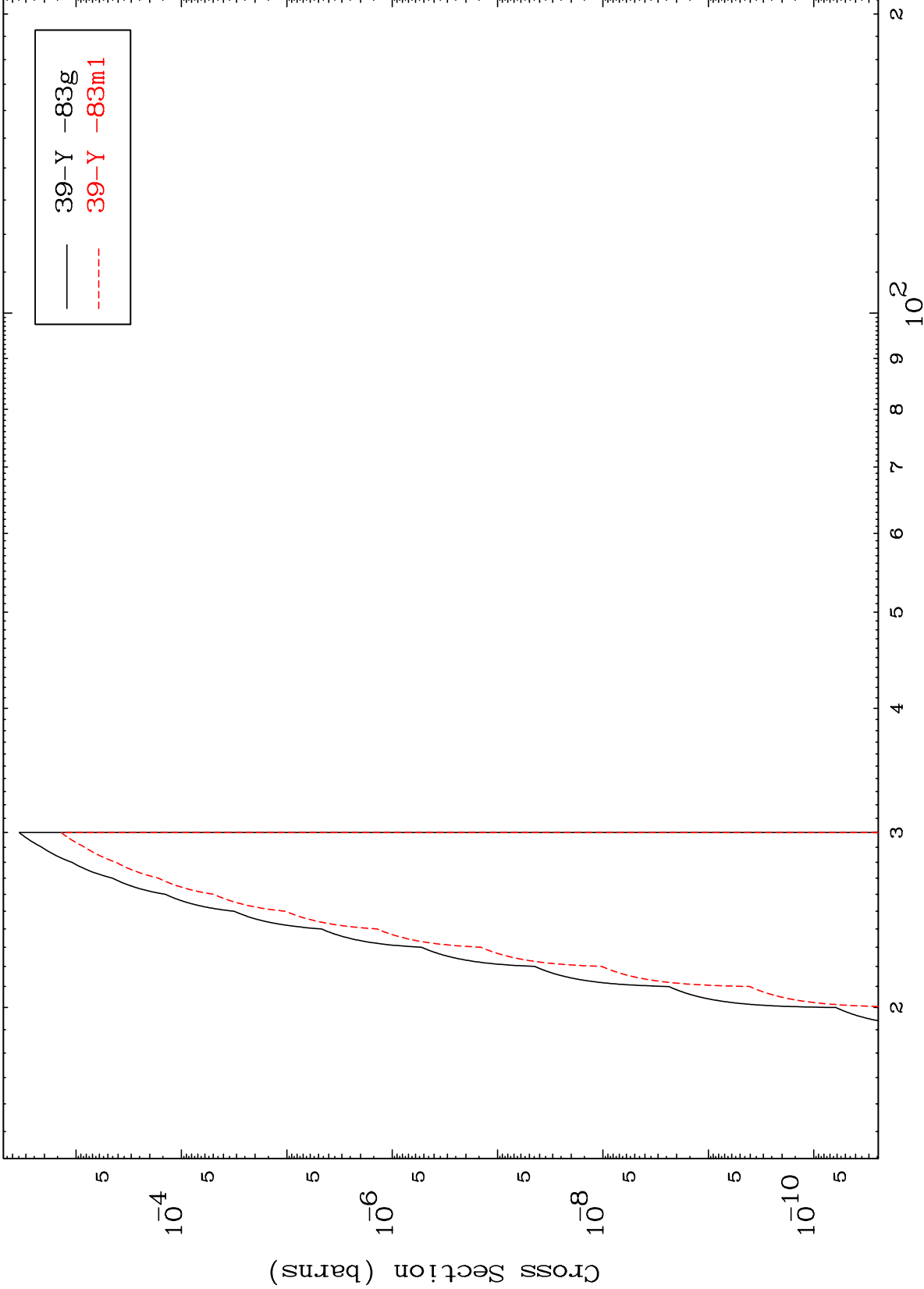
— 39-Y -84g
- - - 39-Y -84m2

MAT 4110

(n,2n) α

41-Nb-88

Radionuclide Production Cross Section



39-Y-83g
39-Y-83m1

84

Incident Energy (MeV)

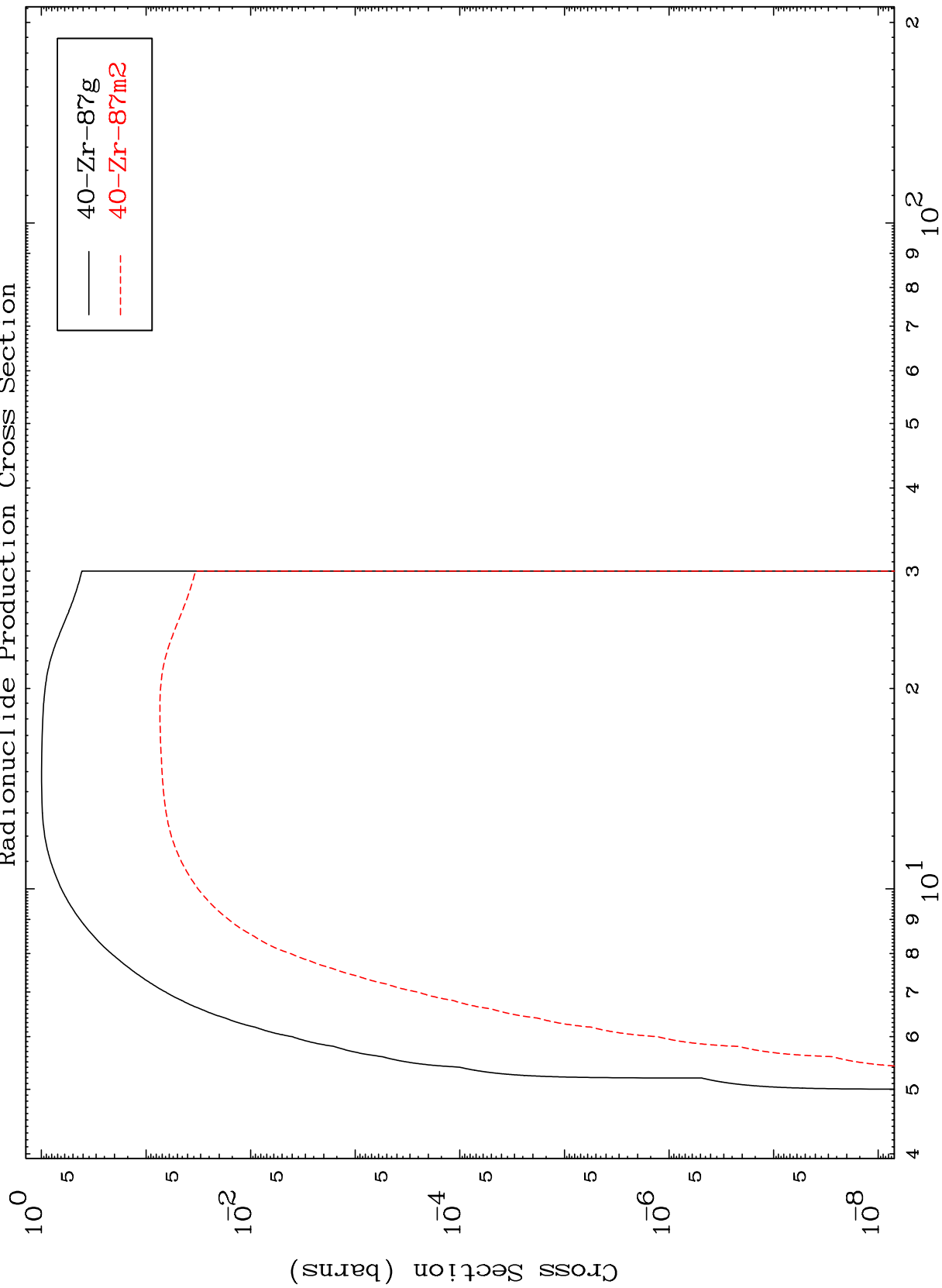
41-Nb-88

MAT 4110

(n,n') p

41-Nb-88

Radionuclide Production Cross Section

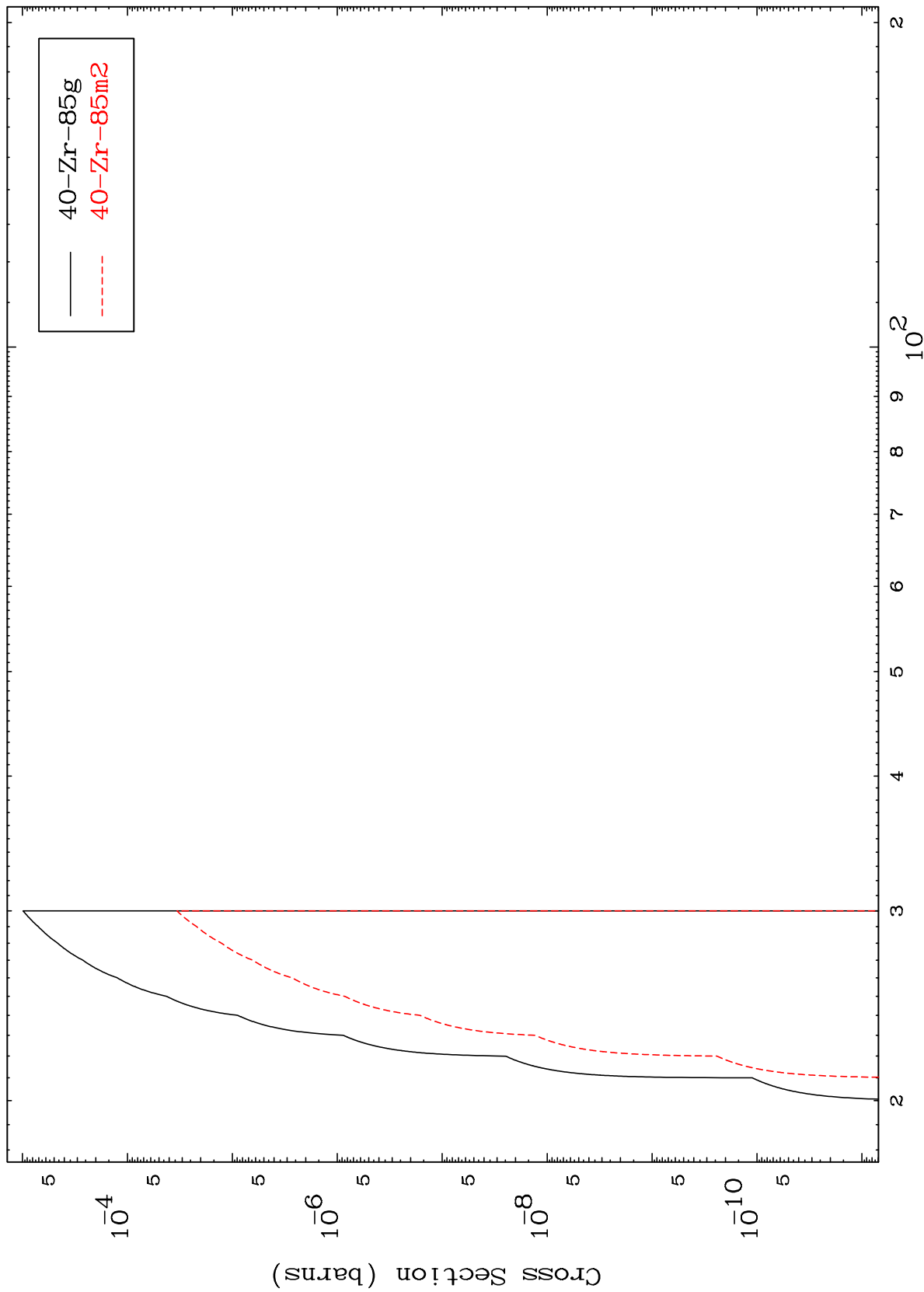


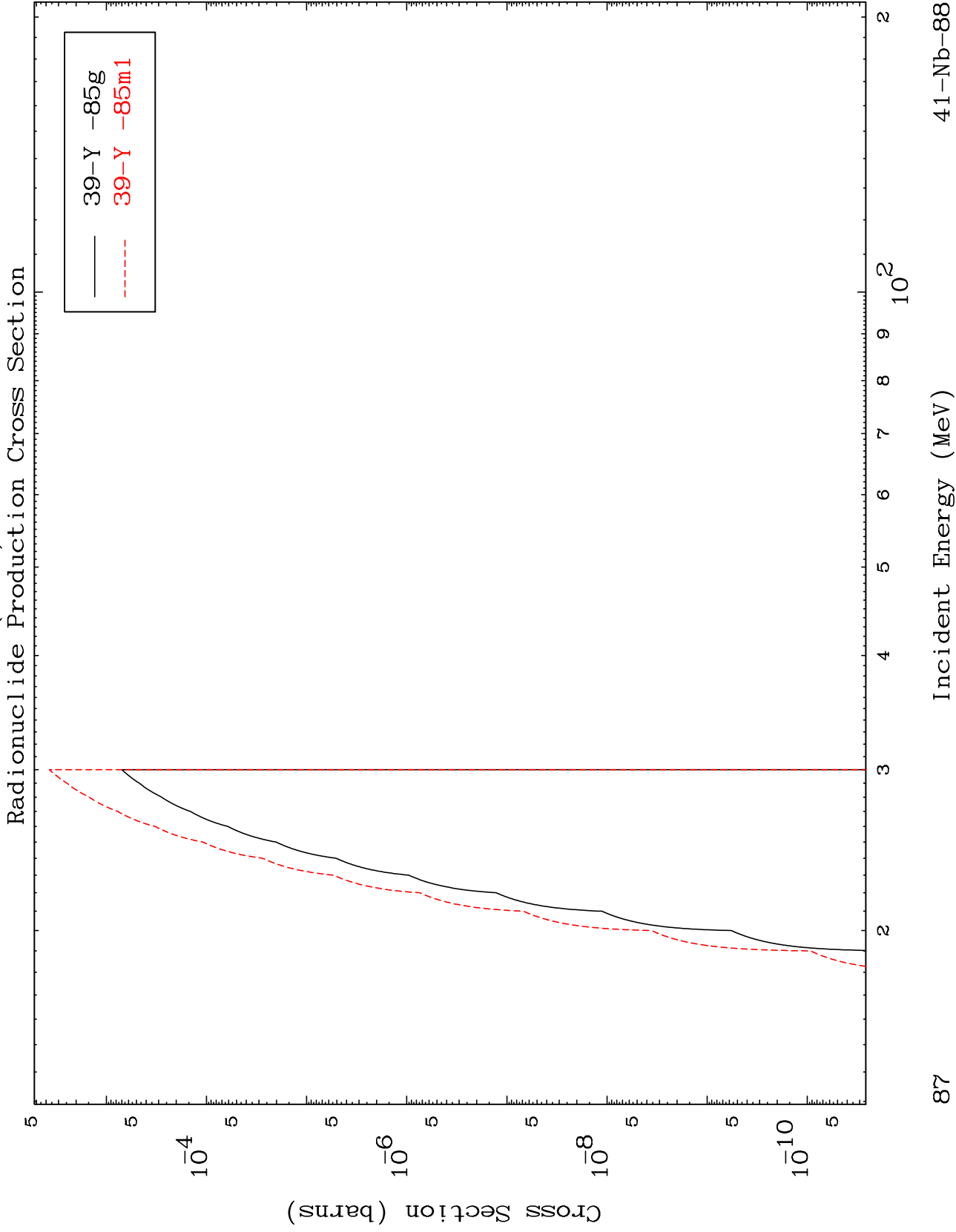
85

Incident Energy (MeV)

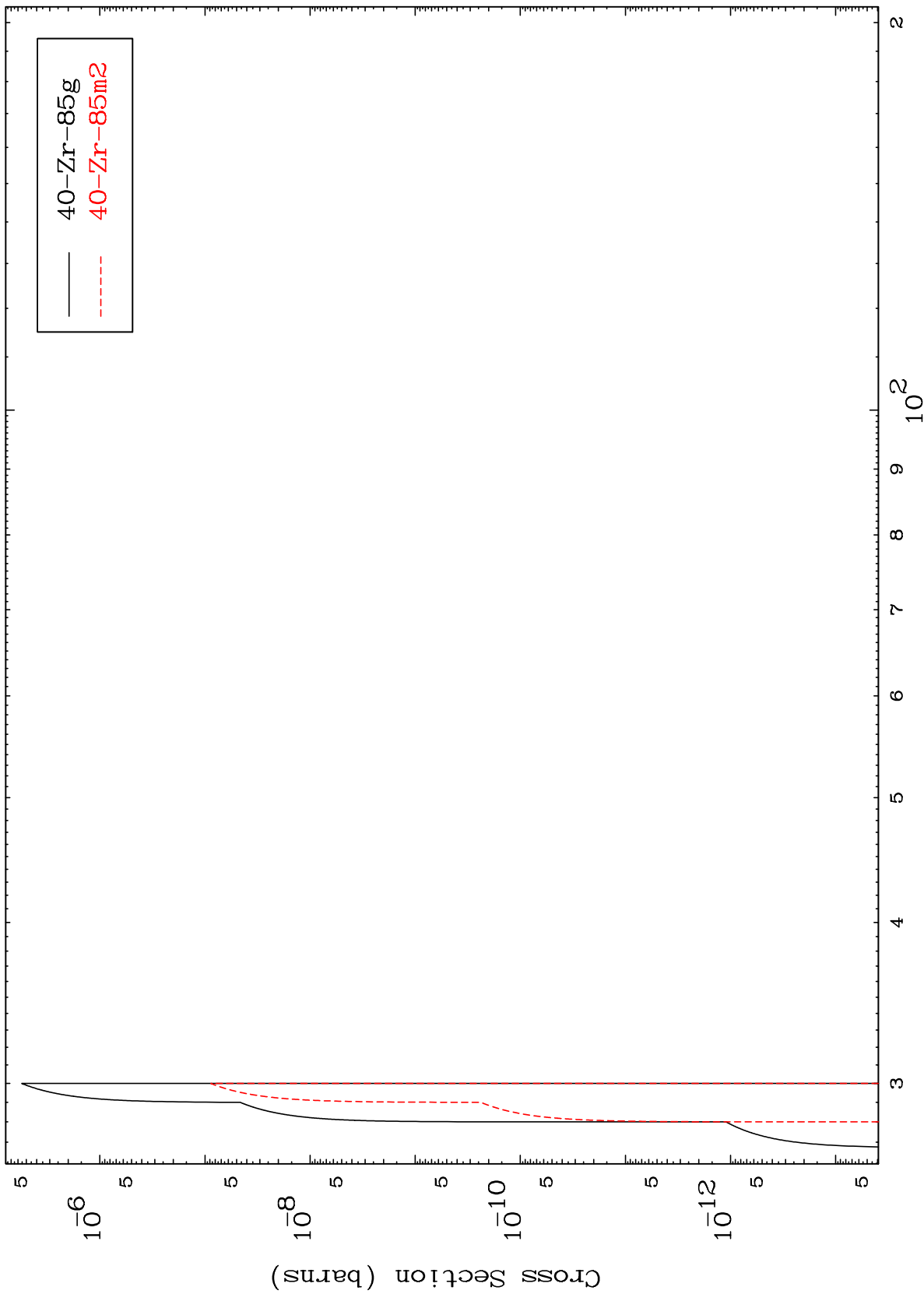
41-Nb-88

Radionuclide Production Cross Section



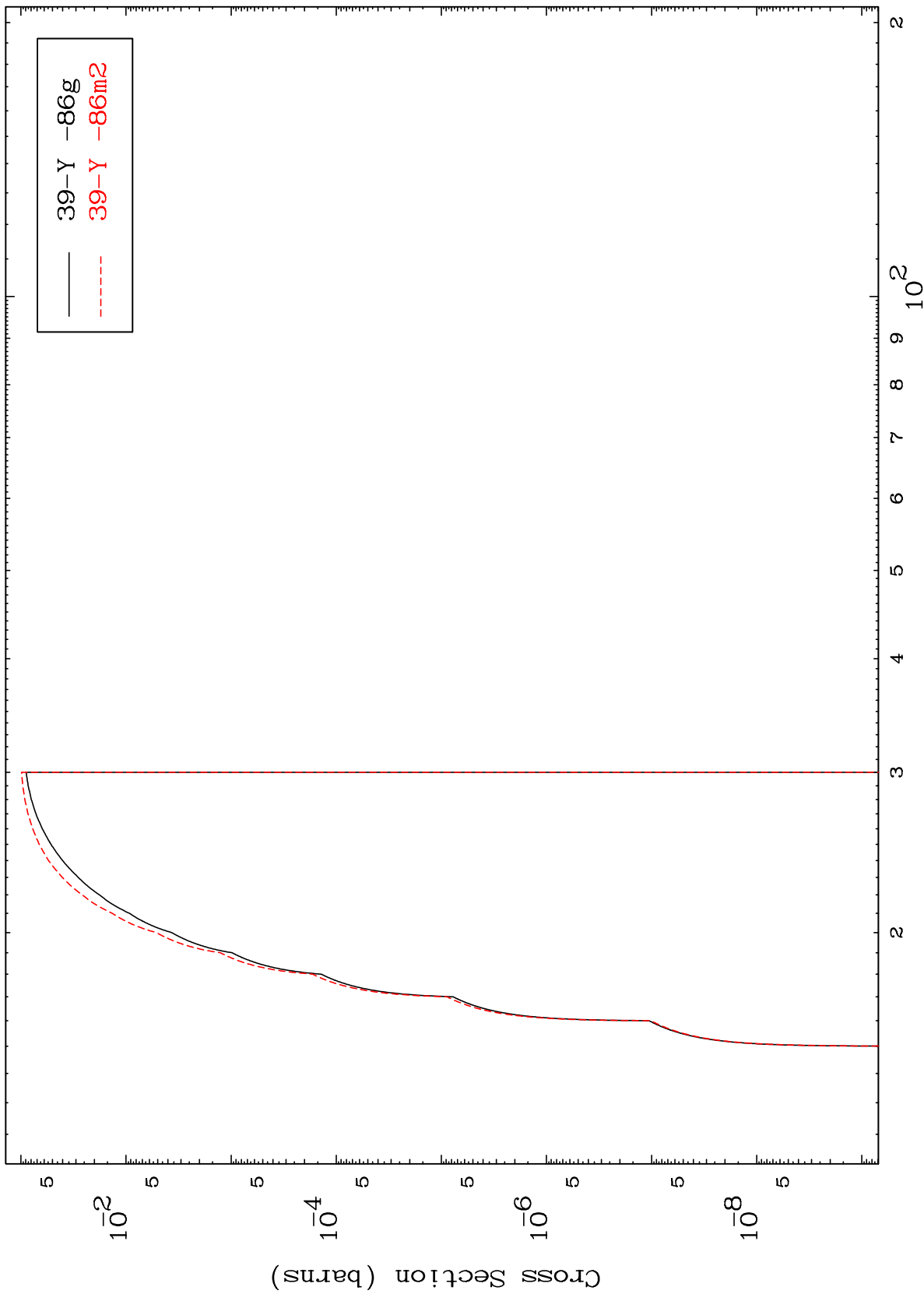


Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

Radionuclide Production Cross Section

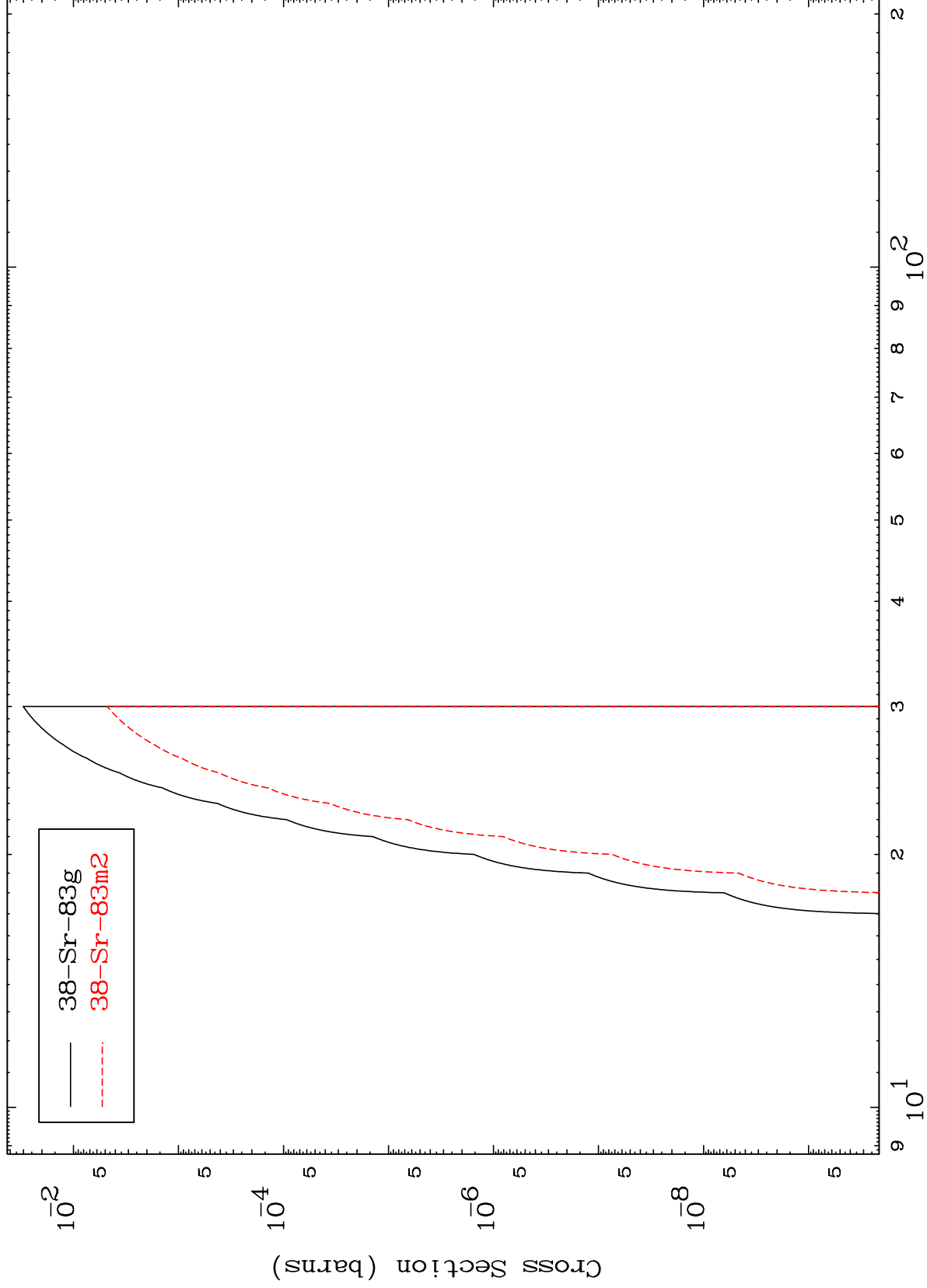


MAT 4110

(n,n') p α

41-Nb-88

Radionuclide Production Cross Section



90

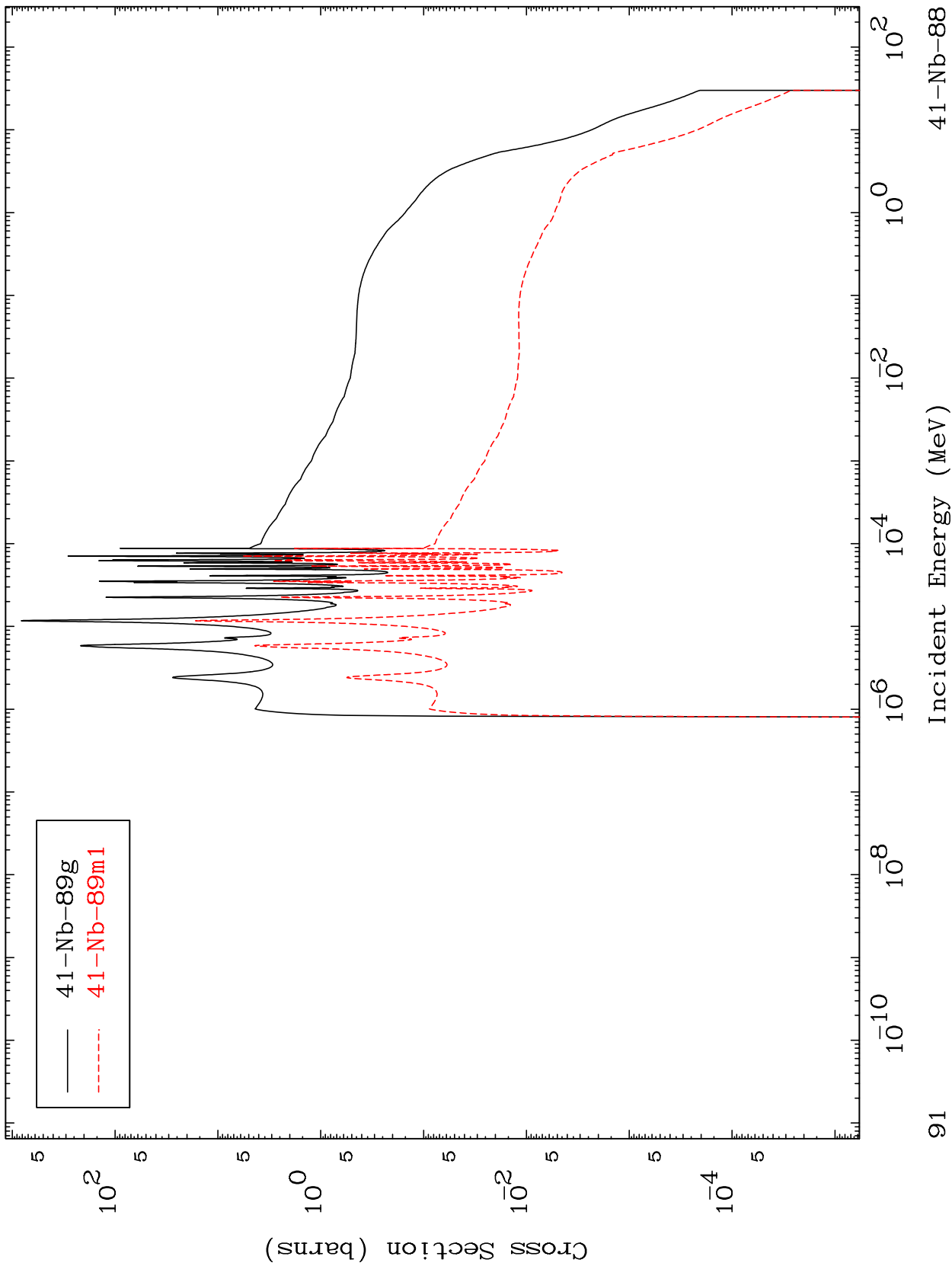
Incident Energy (MeV)

41-Nb-88

MAT 4110

41-Nb-88

(n, γ)
Radionuclide Production Cross Section



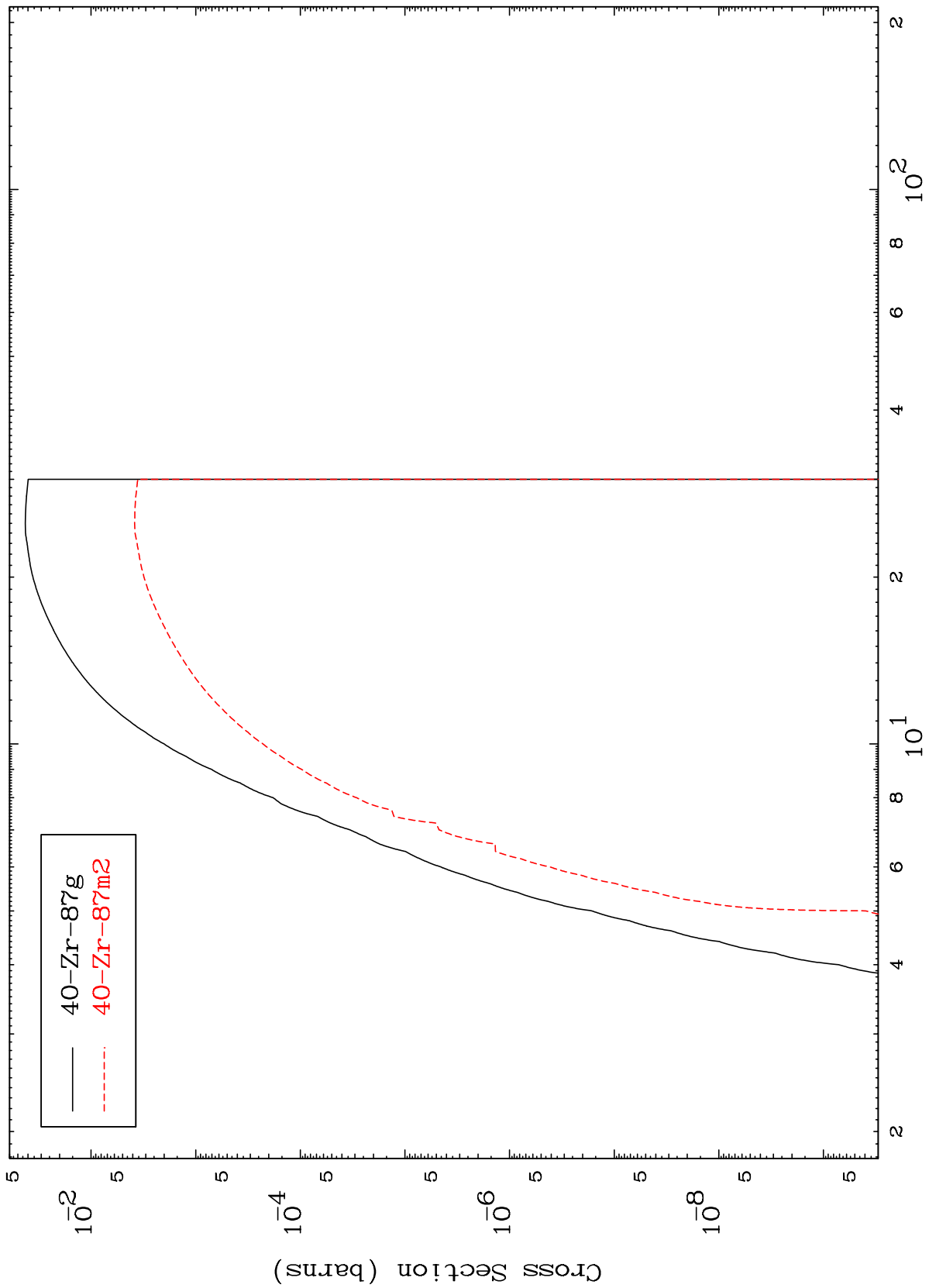
91

41-Nb-88

MAT 4110

41-Nb-88

(n,d)
Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

92

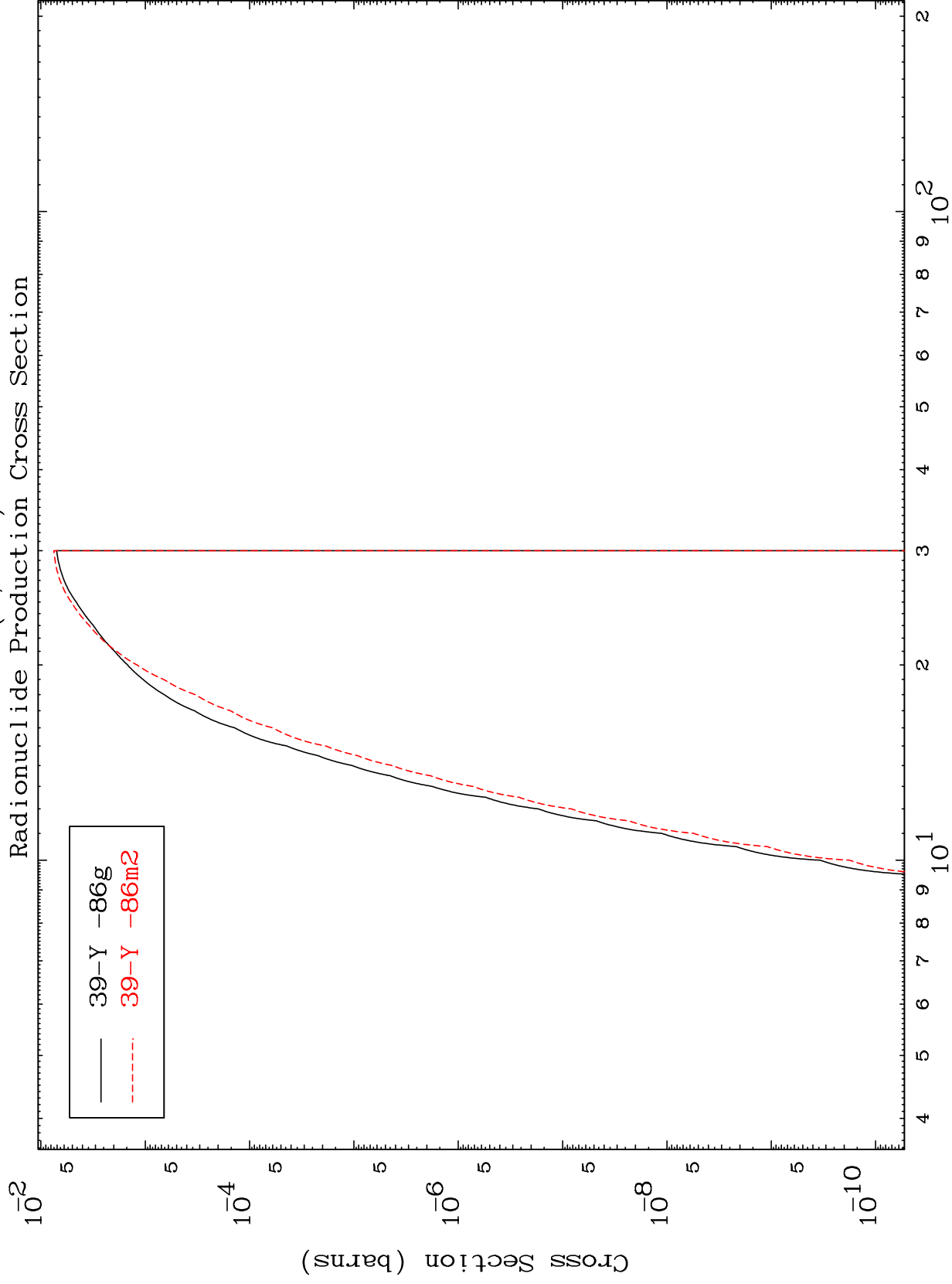
Incident Energy (MeV)

41-Nb-88

MAT 4110

(n,He-3)

41-Nb-88



93

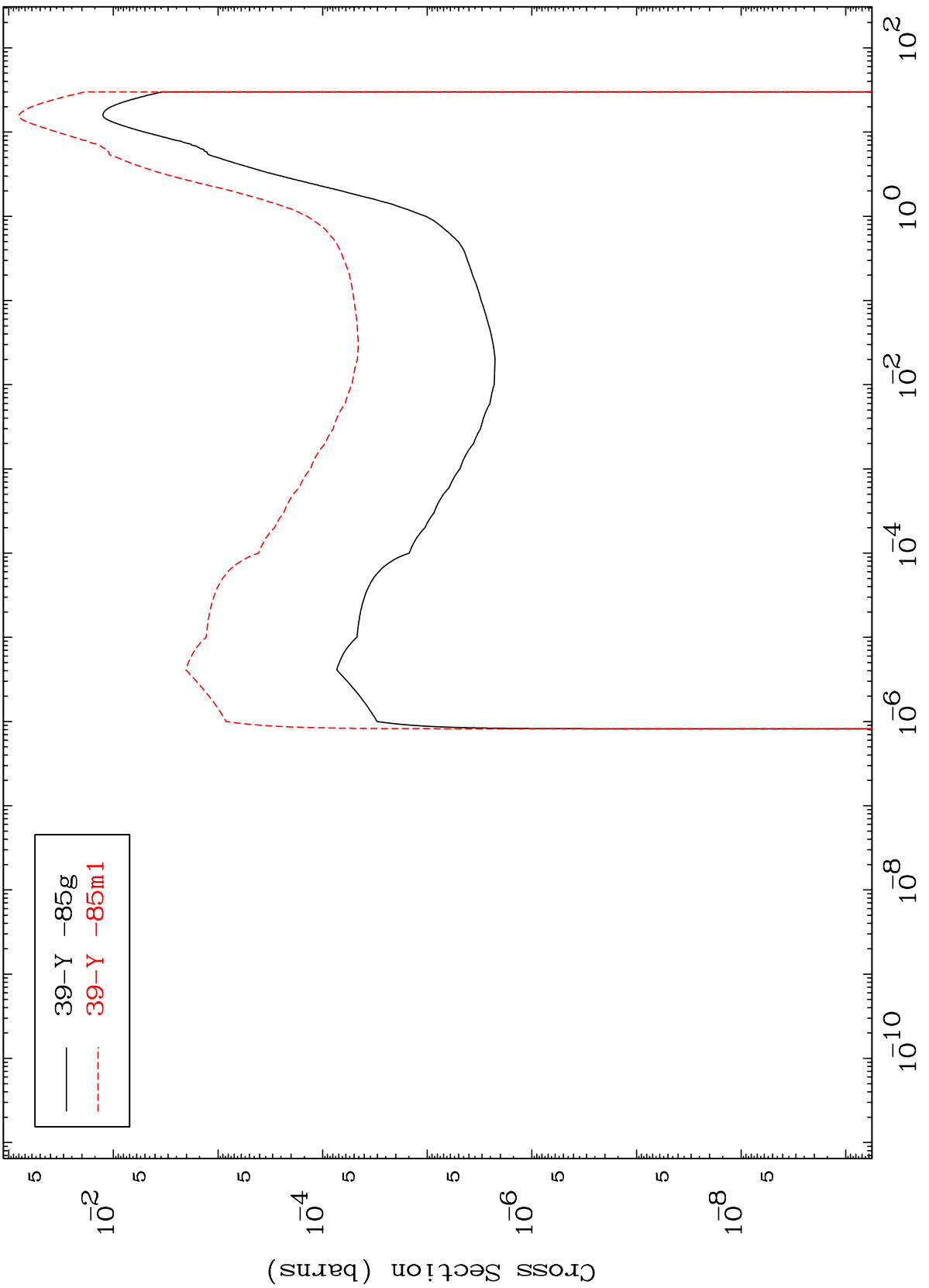
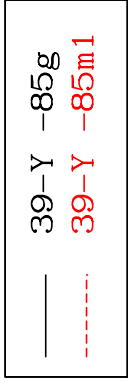
Incident Energy (MeV)

41-Nb-88

MAT 4110

41-Nb-88

Radionuclide Production Cross Section



94

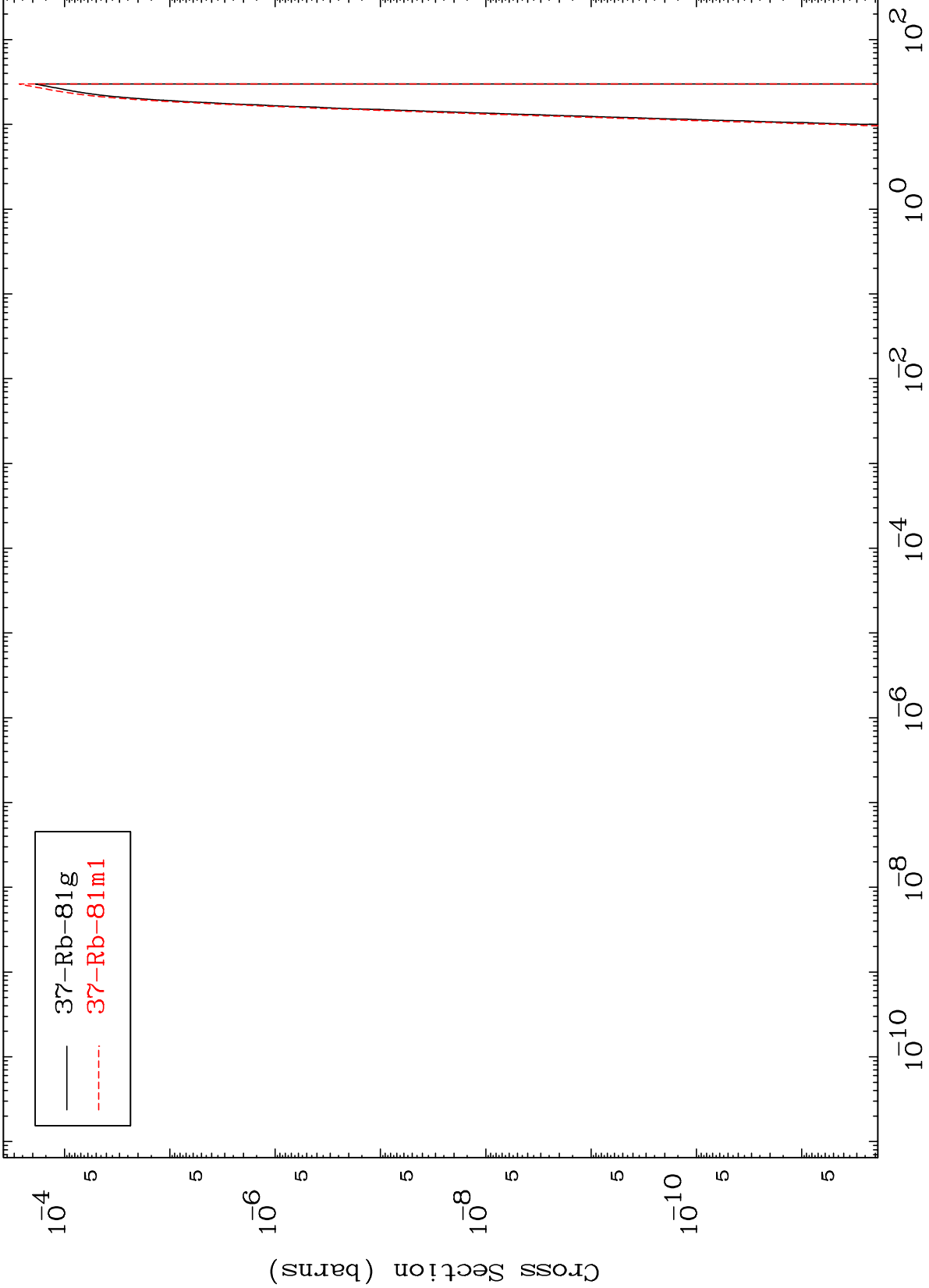
41-Nb-88

MAT 4110

(n,2α)

41-Nb-88

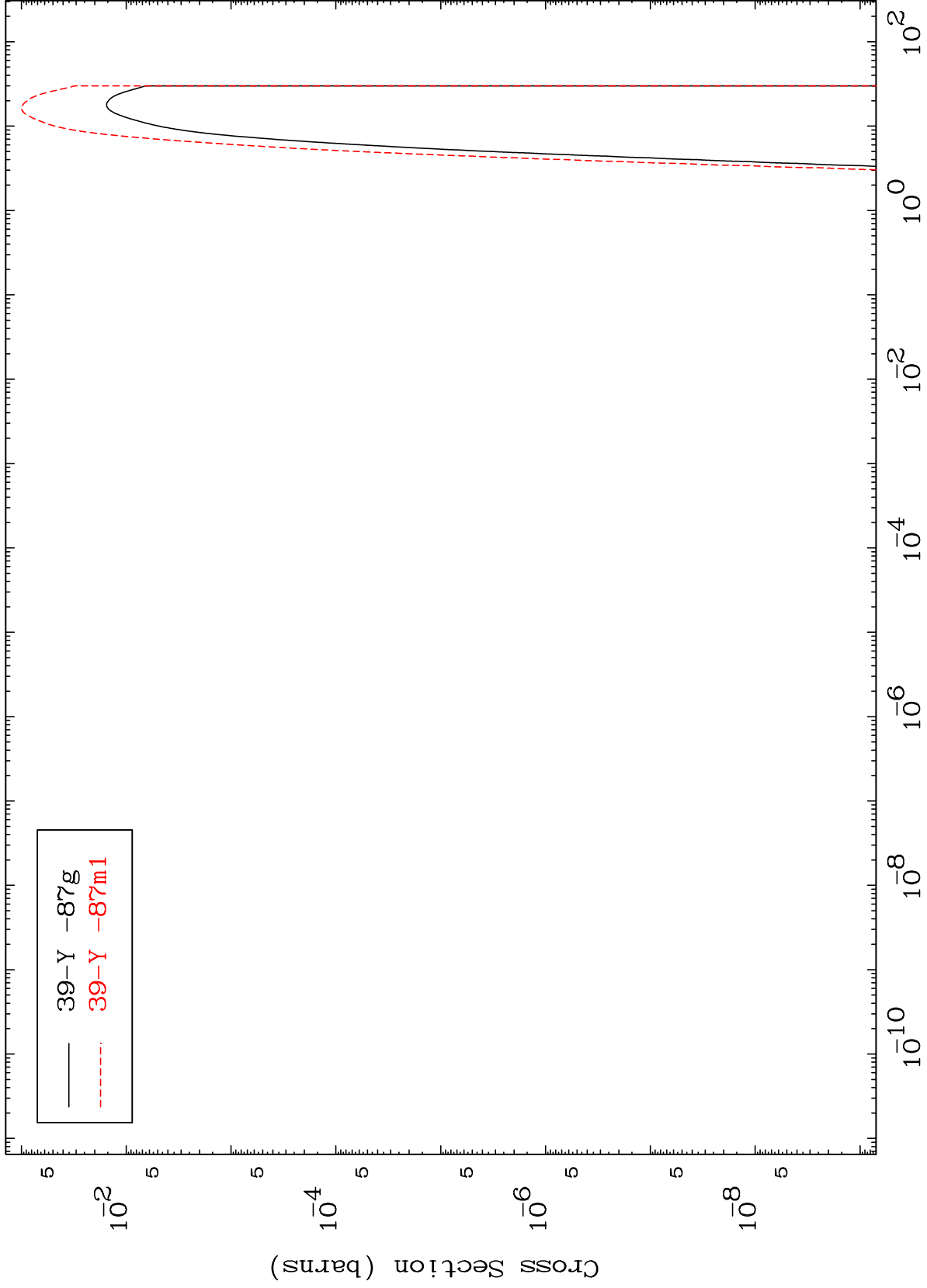
Radionuclide Production Cross Section



MAT 4110

41-Nb-88

(n,2p)
Radionuclide Production Cross Section



41-Nb-88

Incident Energy (MeV)

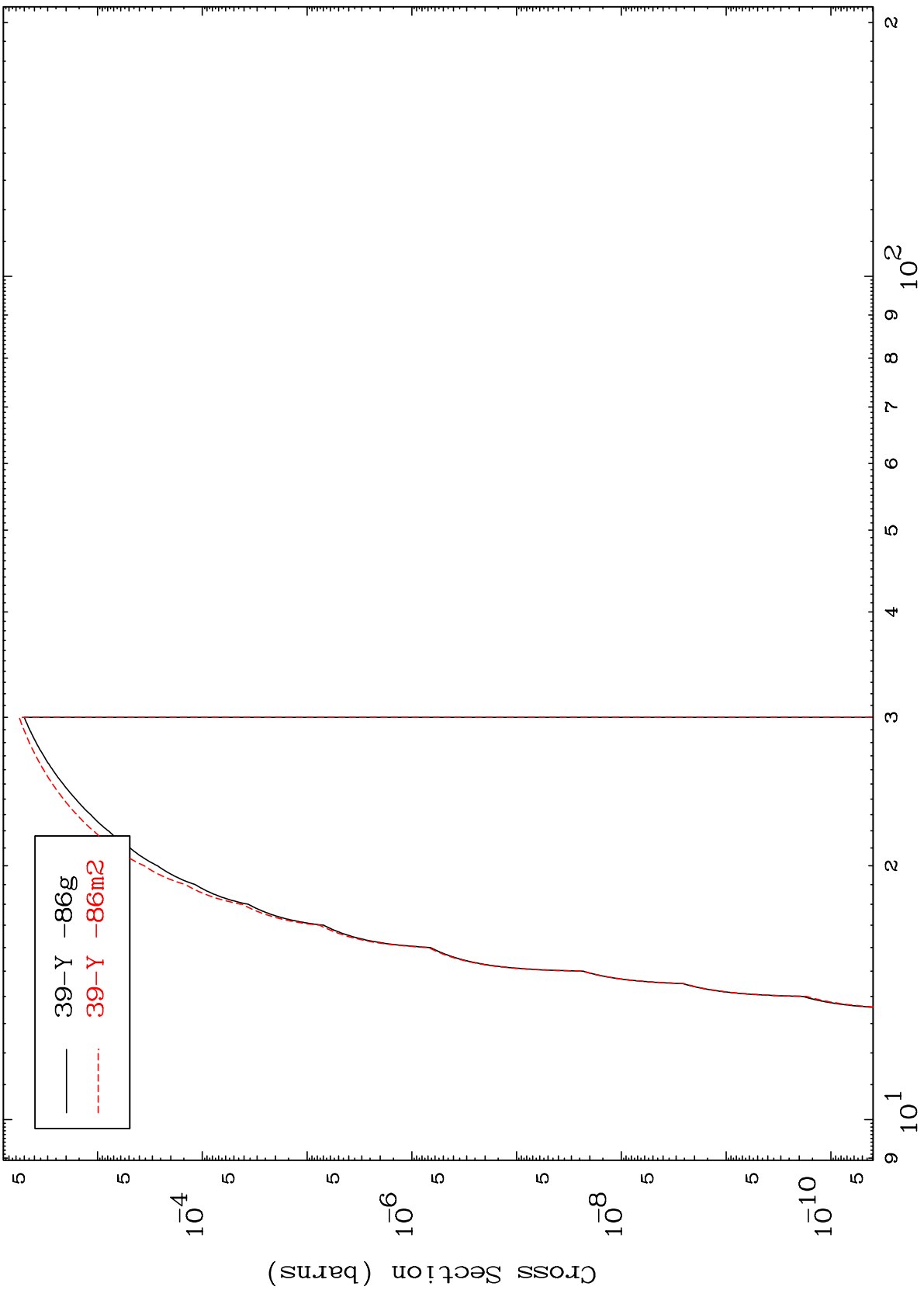
96

MAT 4110

(n,p) d

41-Nb-88

Radionuclide Production Cross Section



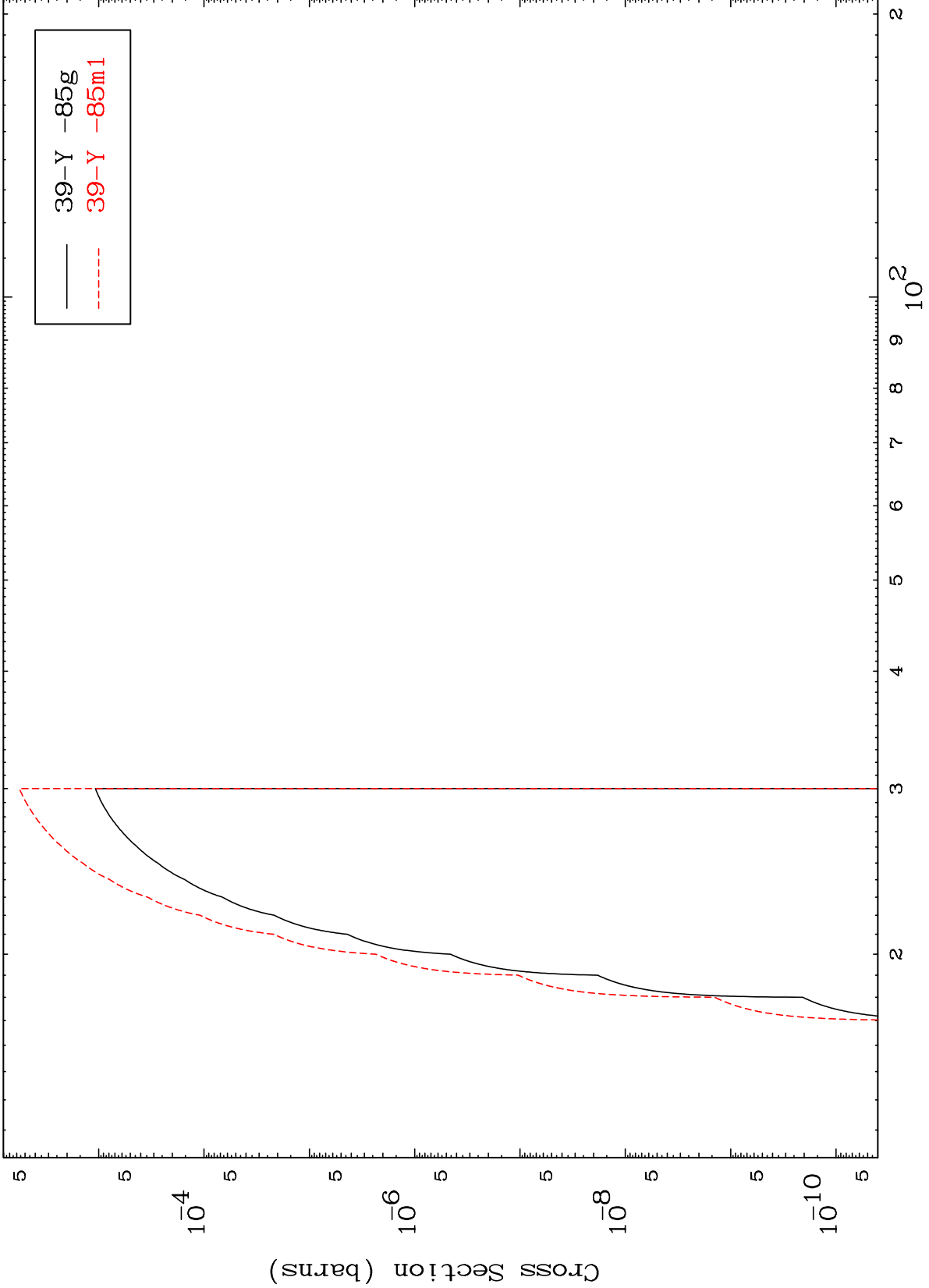
39-Y-86g
39-Y-86m2

97

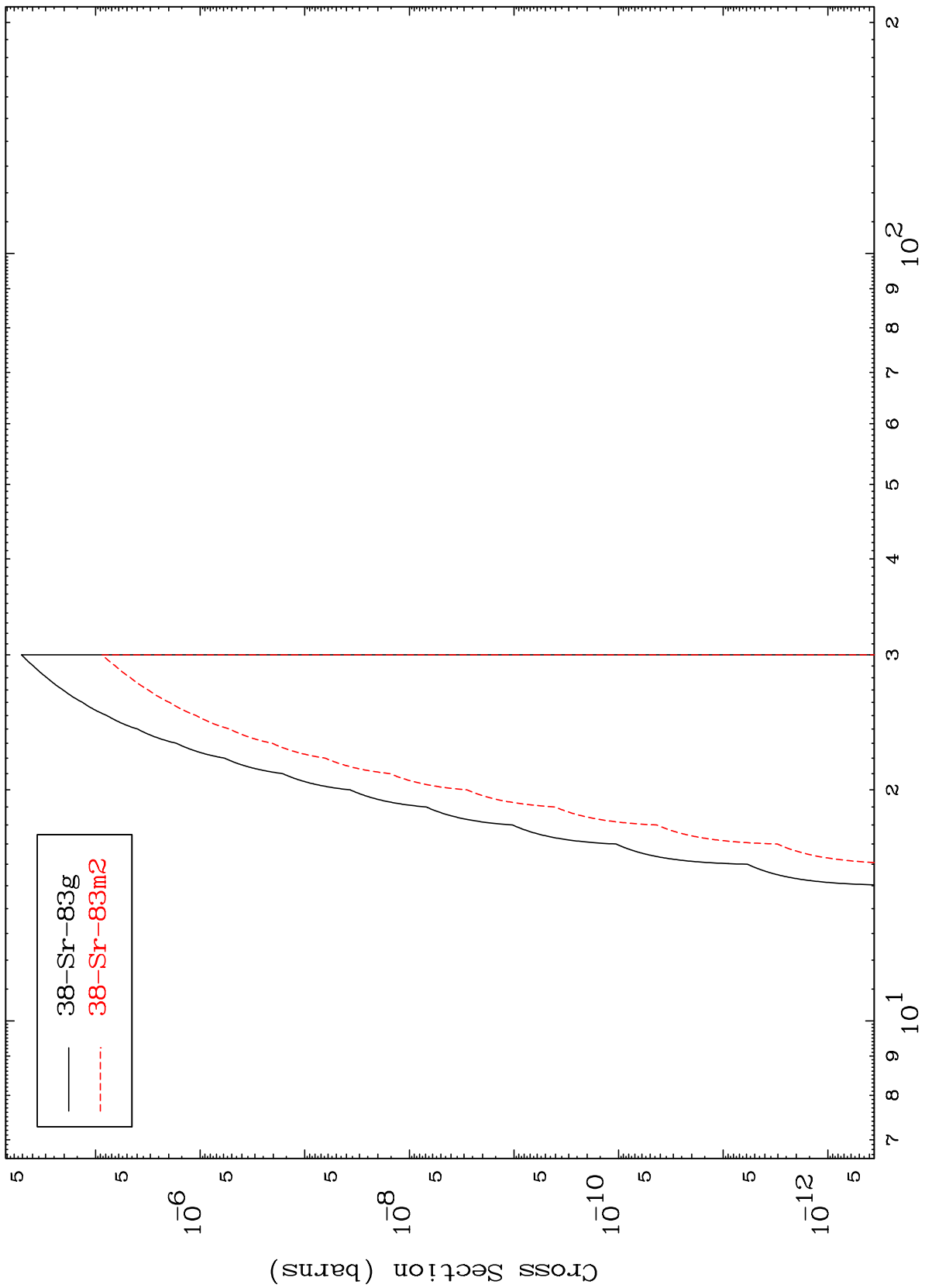
Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2