

Program EVALPLOT
(Version 2021-1)

by

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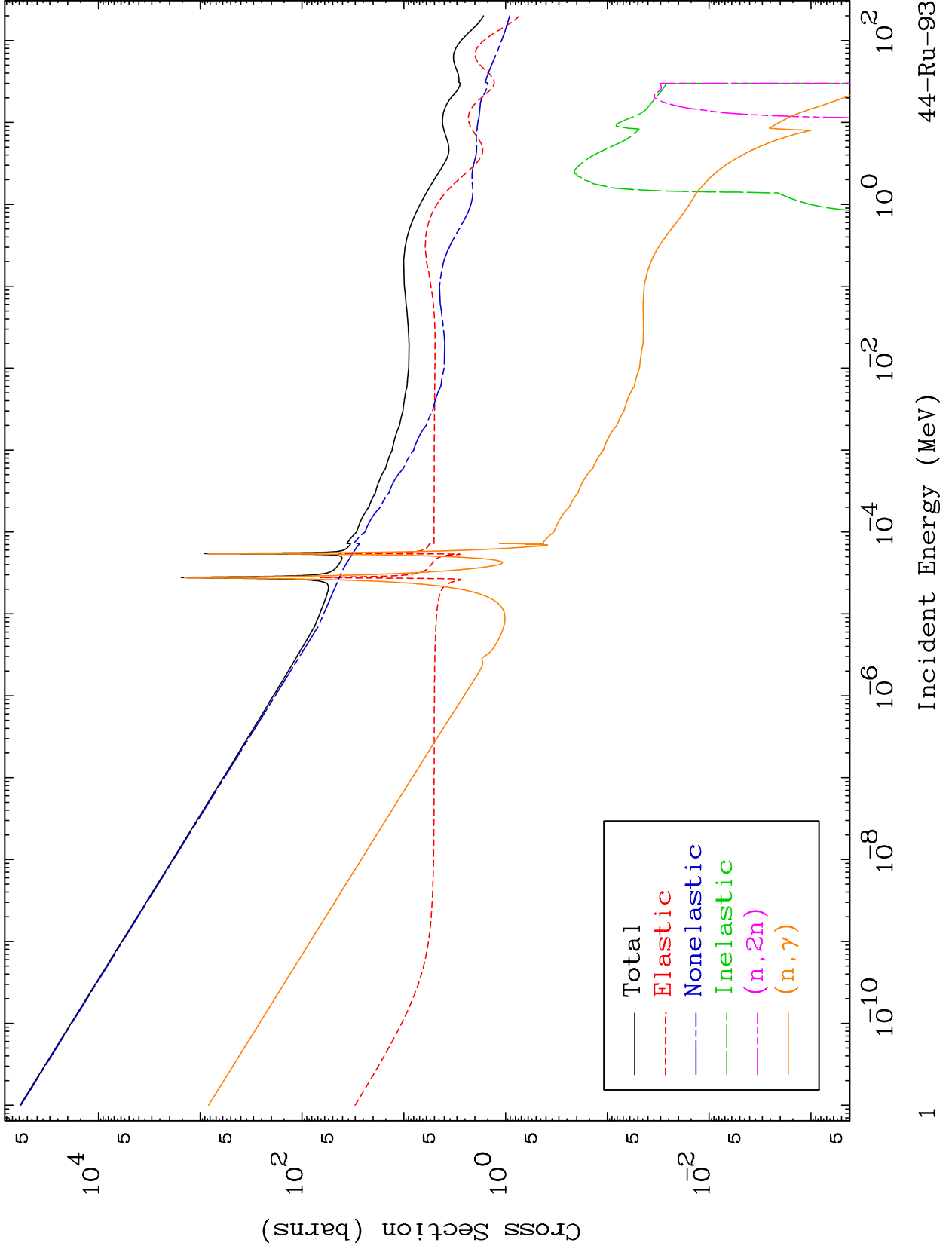
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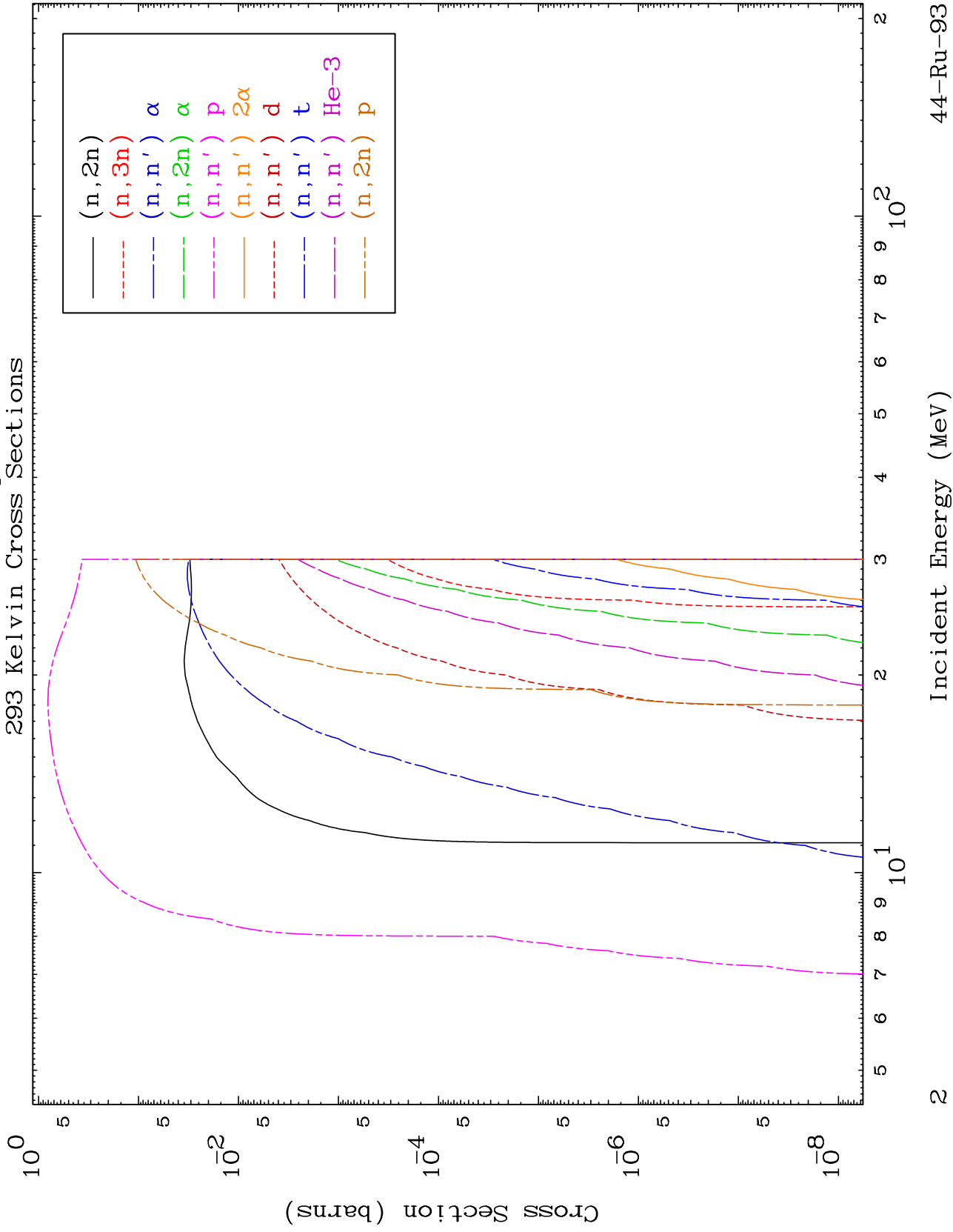
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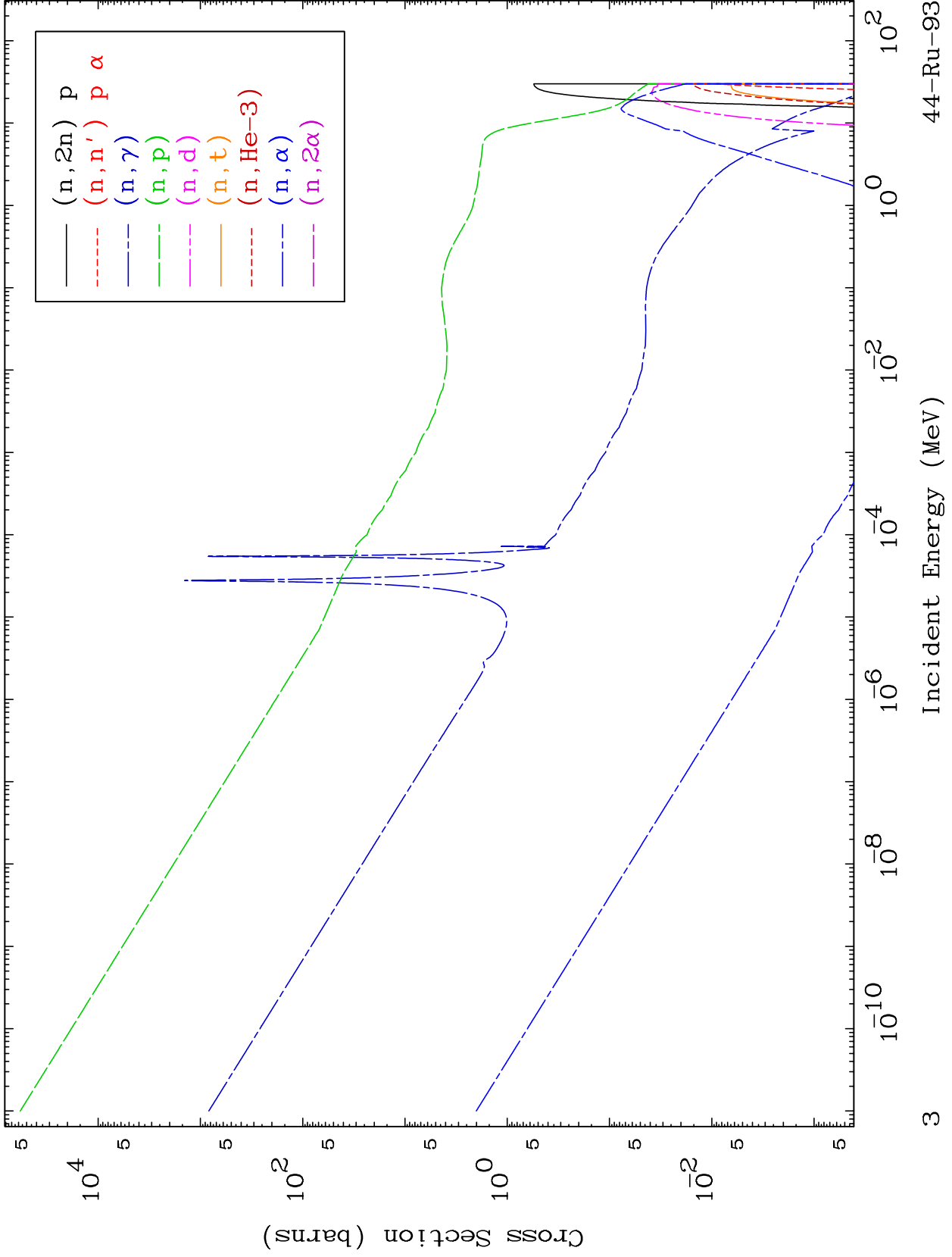
MAT 4416

Neutron Major
293 Kelvin Cross Sections

44-Ru-93



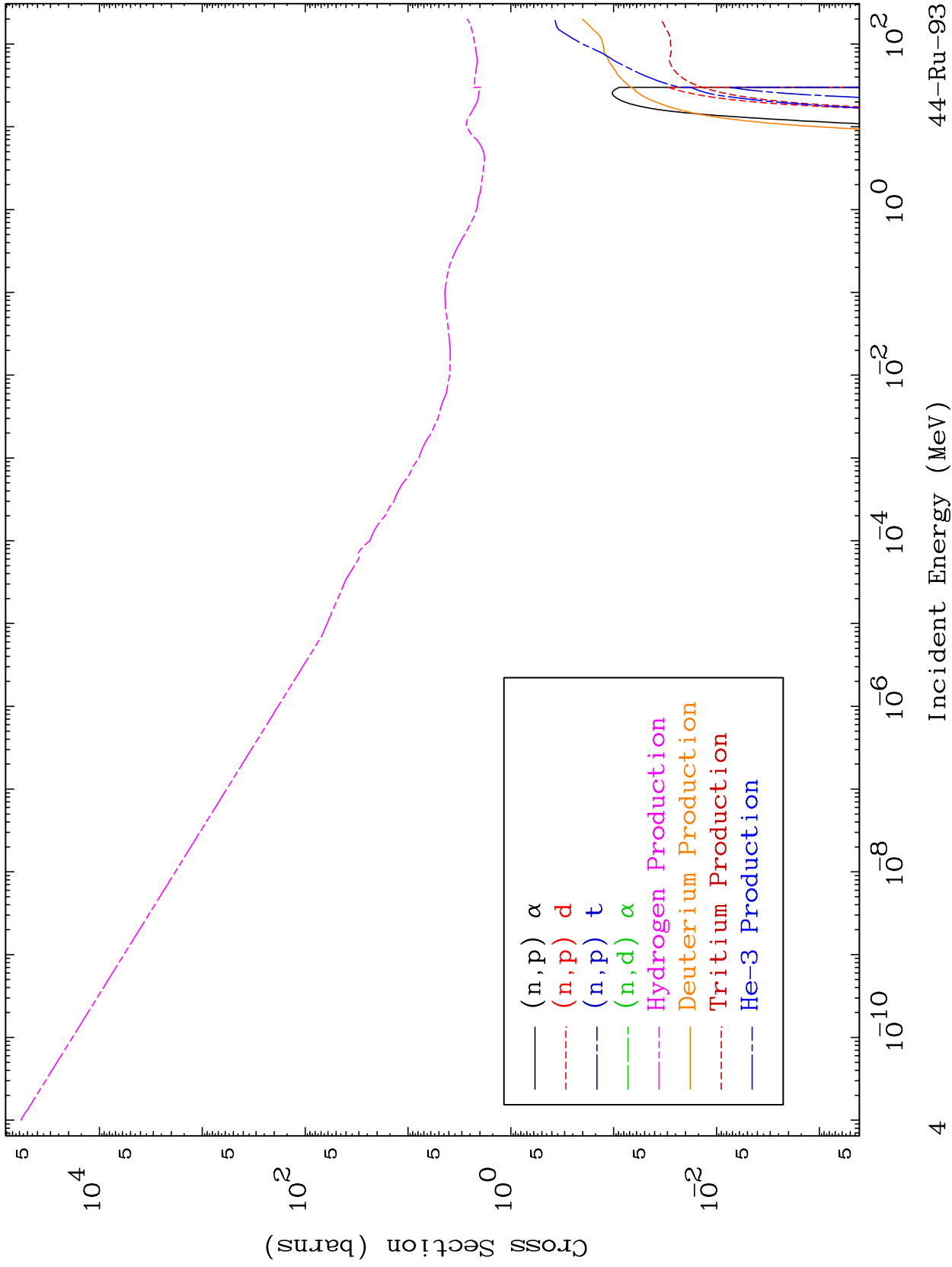




MAT 4416

Neutron Absorption
293 Kelvin Cross Sections

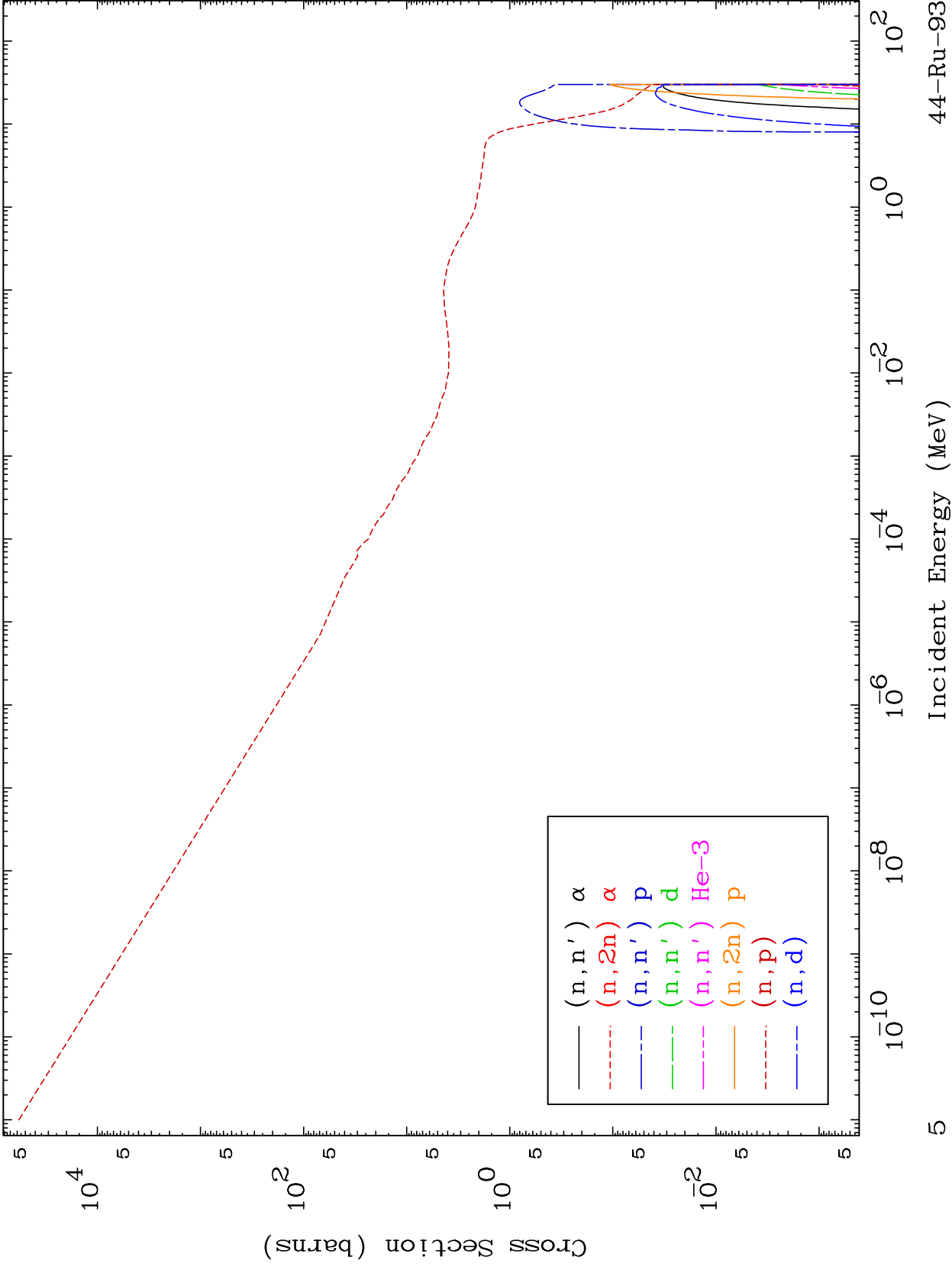
44-Ru-93



MAT 4416

Charged Particle
293 Kelvin Cross Sections

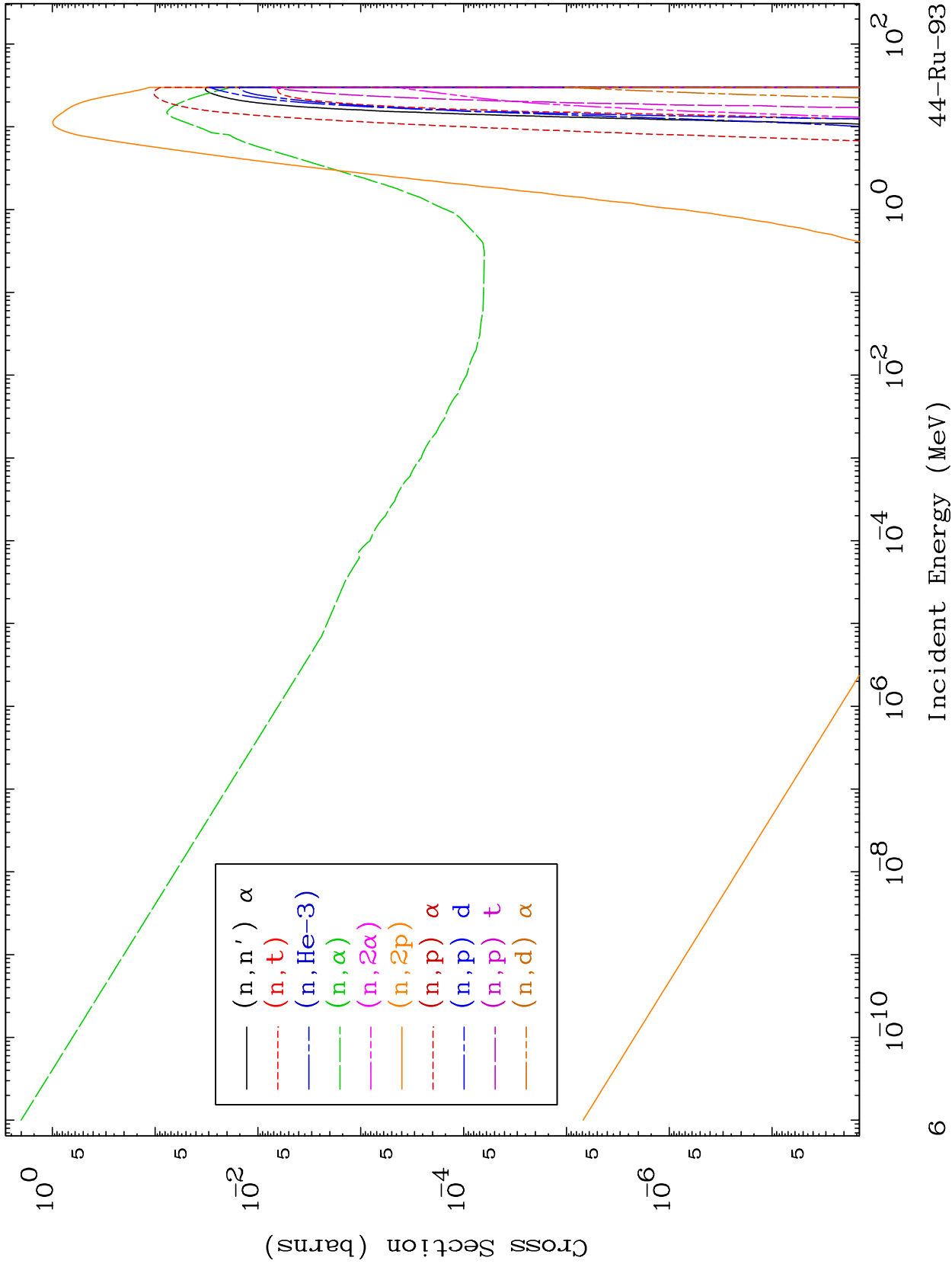
44-Ru-93



MAT 4416

Charged Particle
293 Kelvin Cross Sections

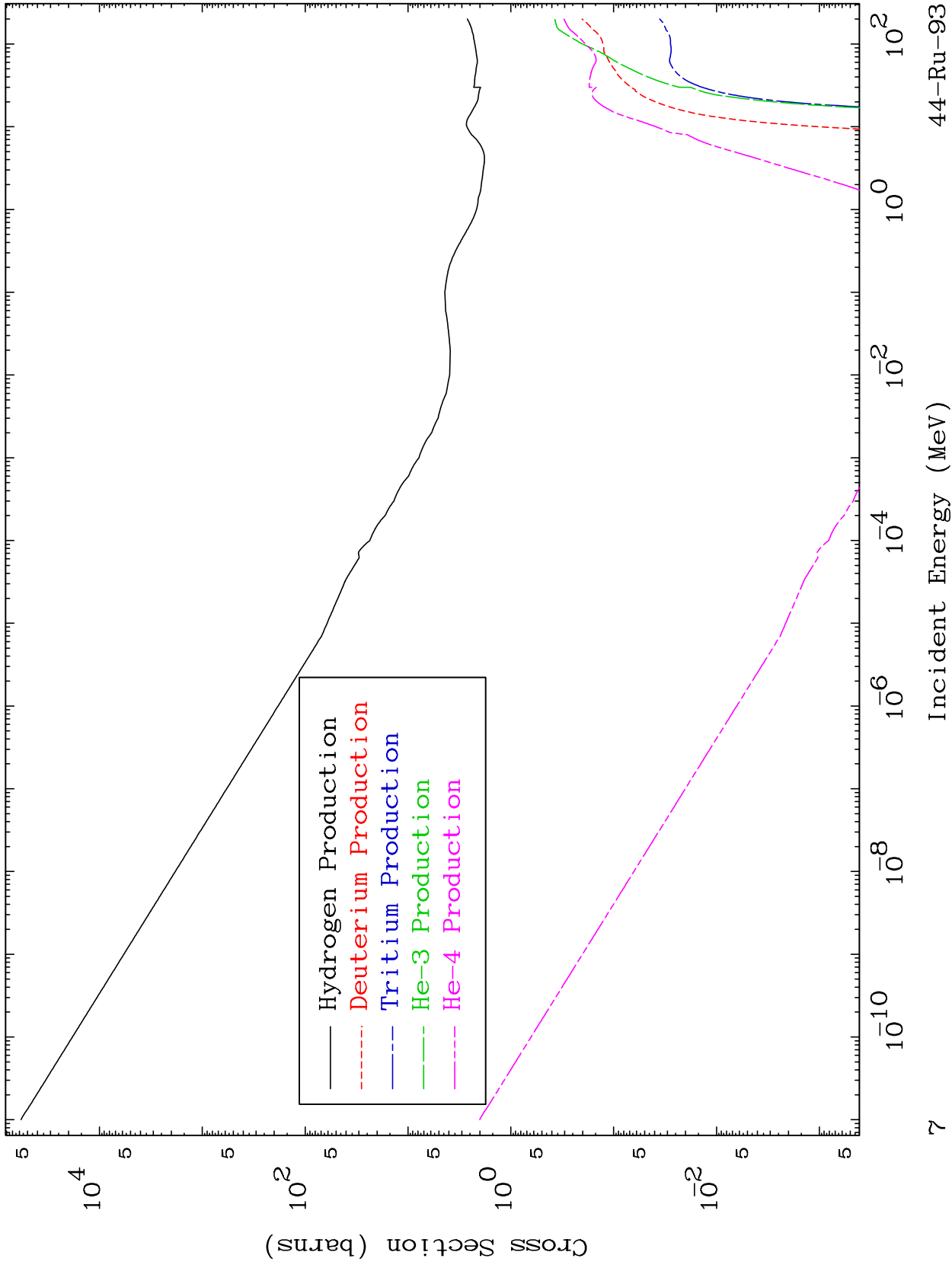
44-Ru-93



MAT 4416

Particle Production
293 Kelvin Cross Sections

44-Ru-93

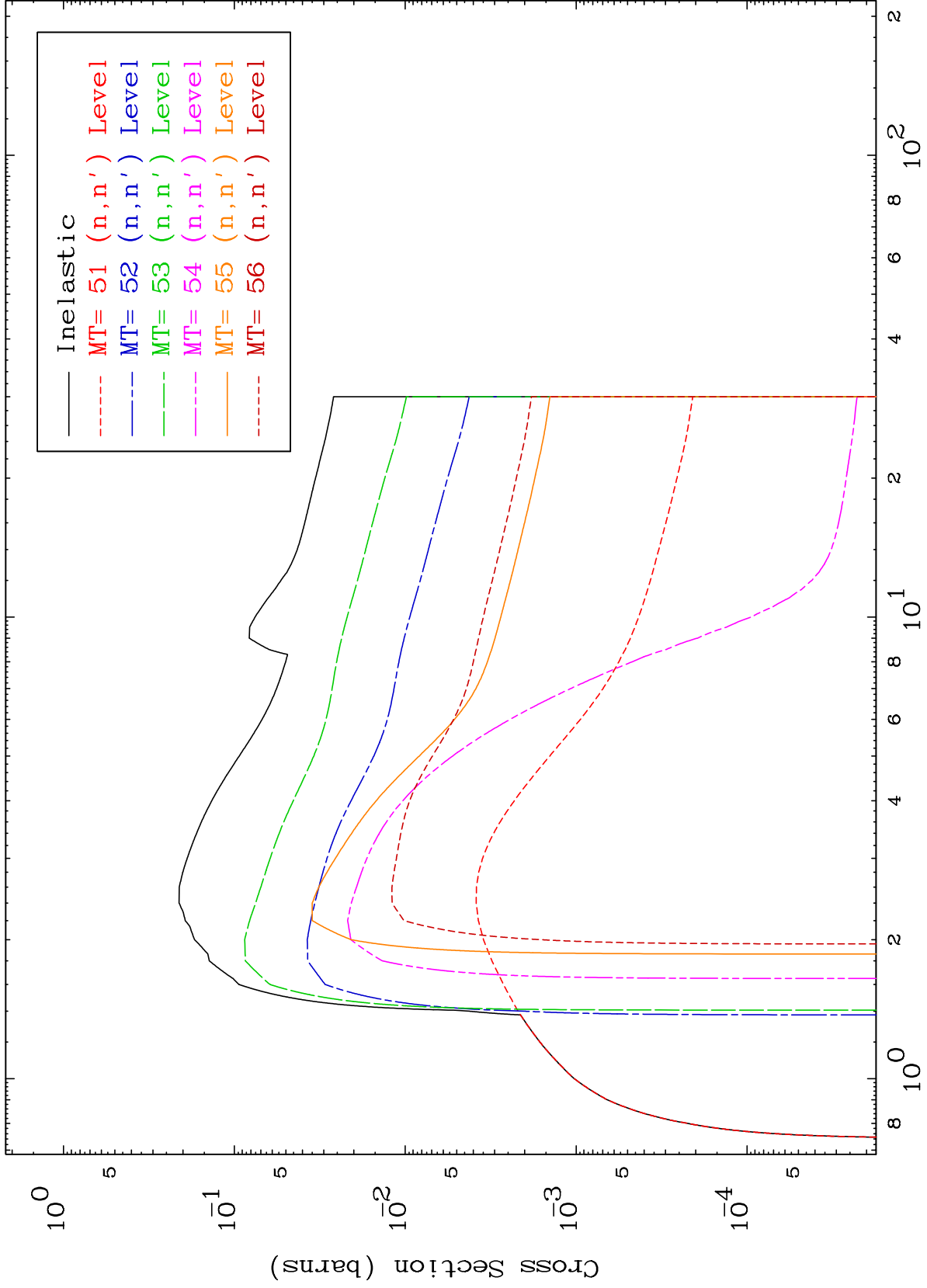


MAT 4416

(n,n') Levels

44-Ru-93

293 Kelvin Cross Sections

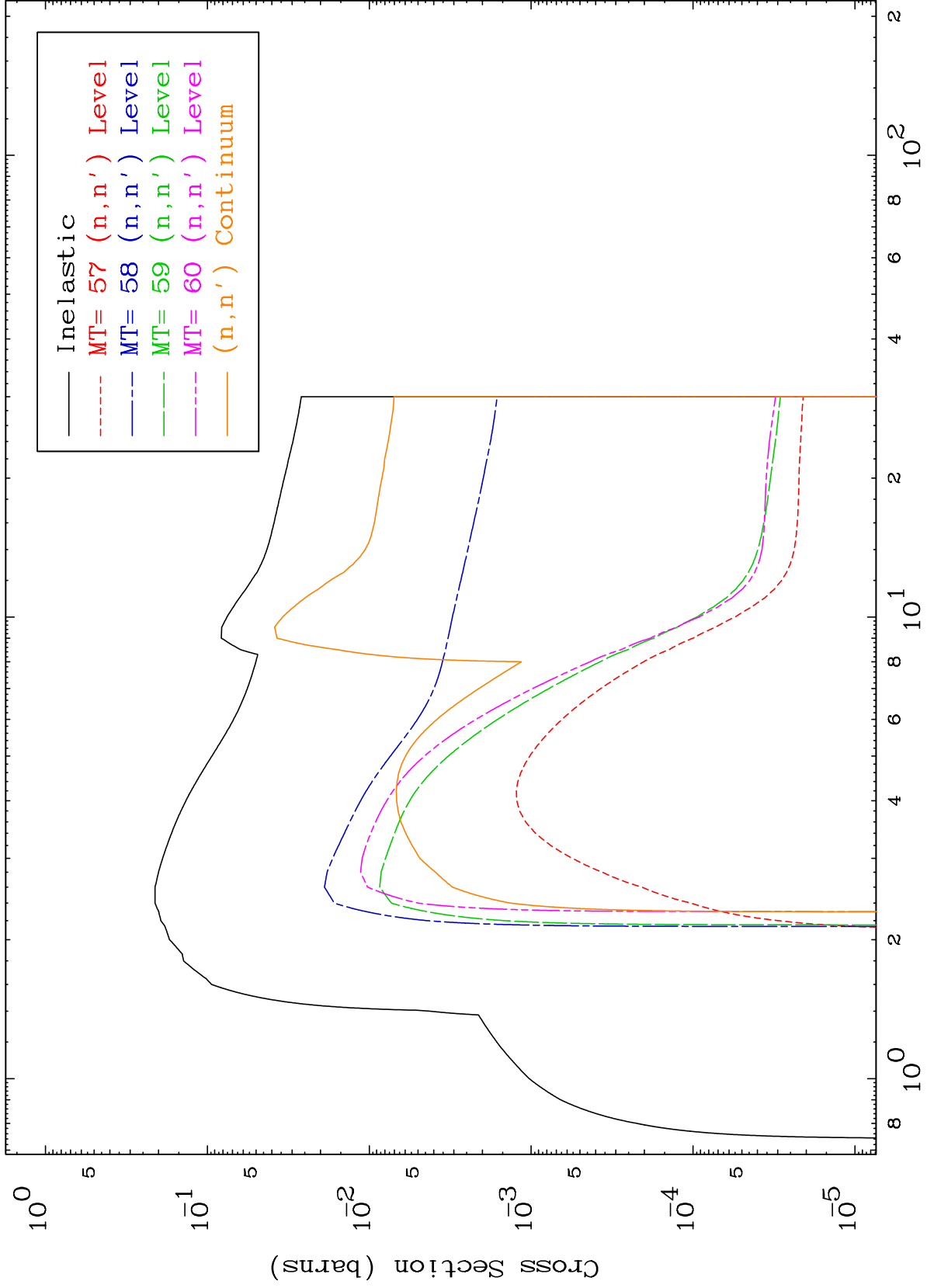


8

Incident Energy (MeV)

44-Ru-93

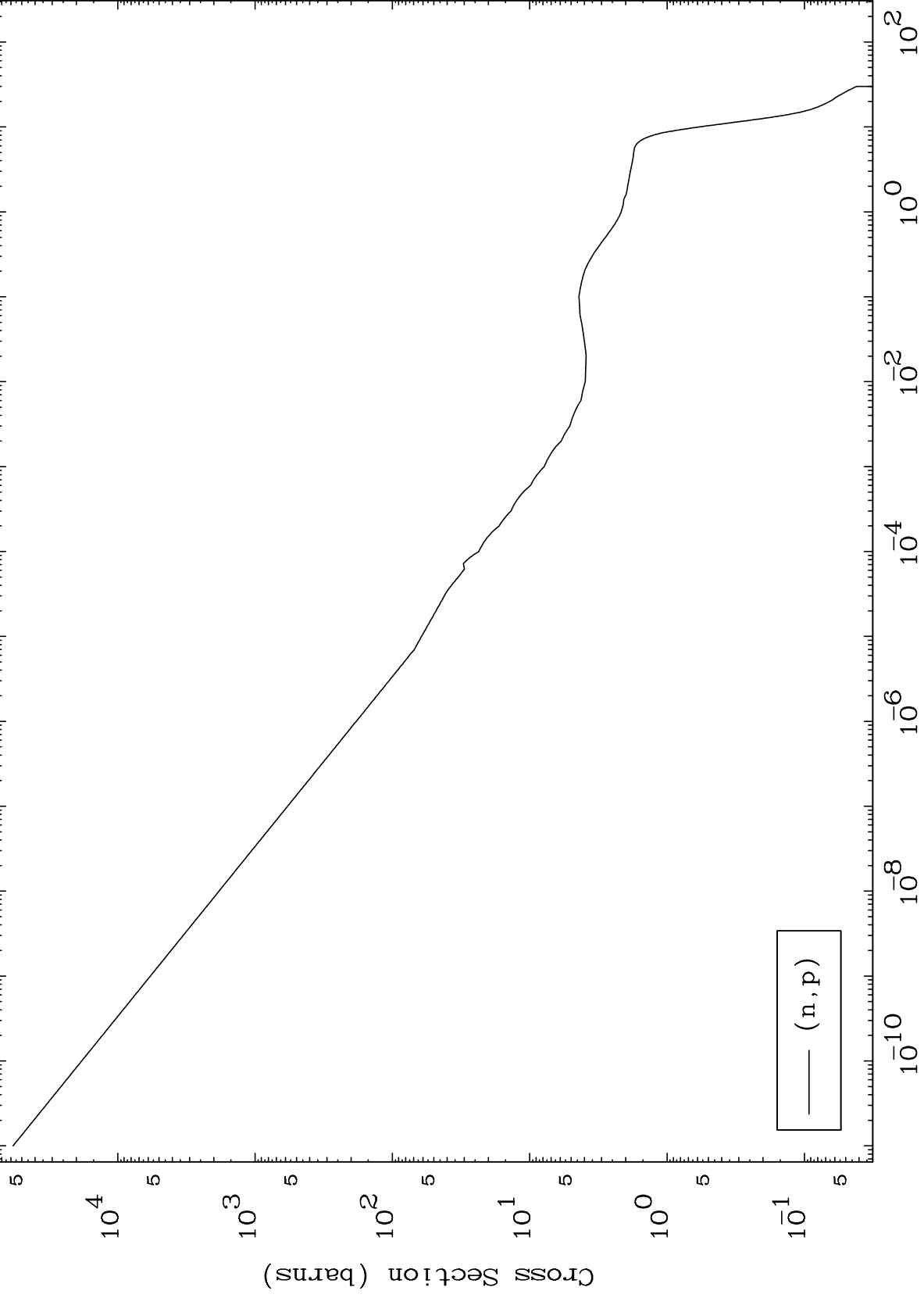
293 Kelvin Cross Sections



MAT 4416

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-93



(n,p)

10

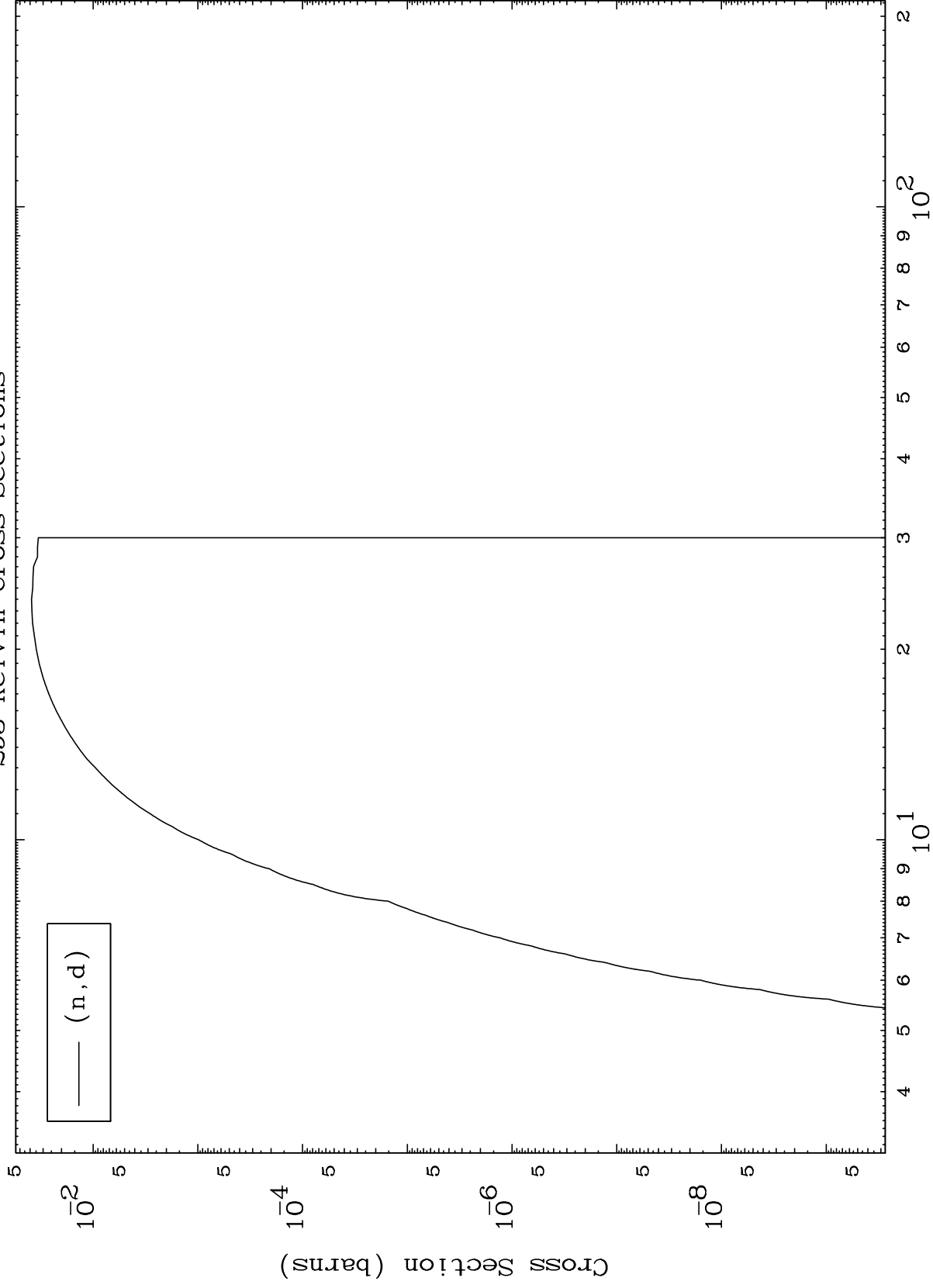
Incident Energy (MeV)

44-Ru-93

MAT 4416

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-93



11

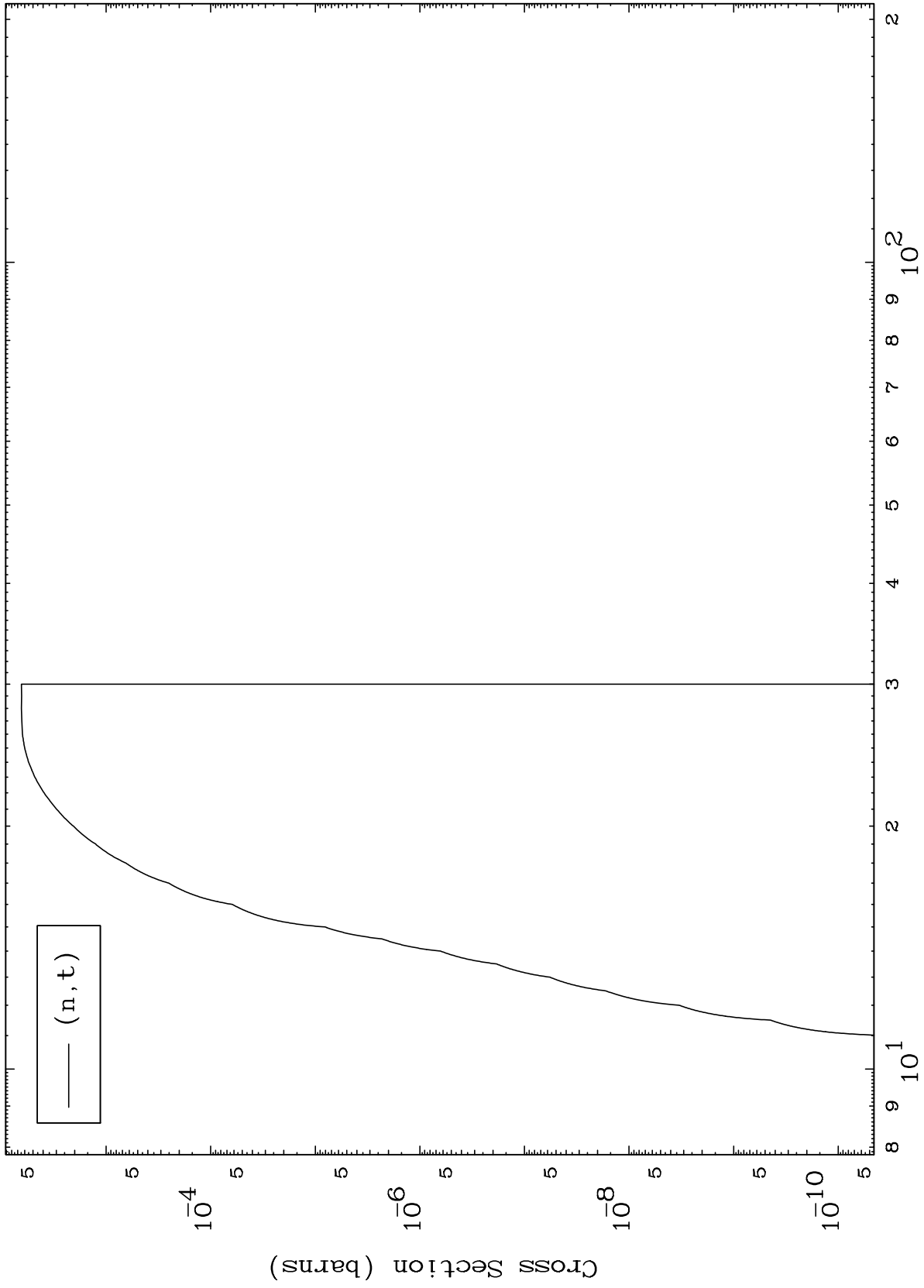
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44-Ru-93

MAT 4416

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-93



12

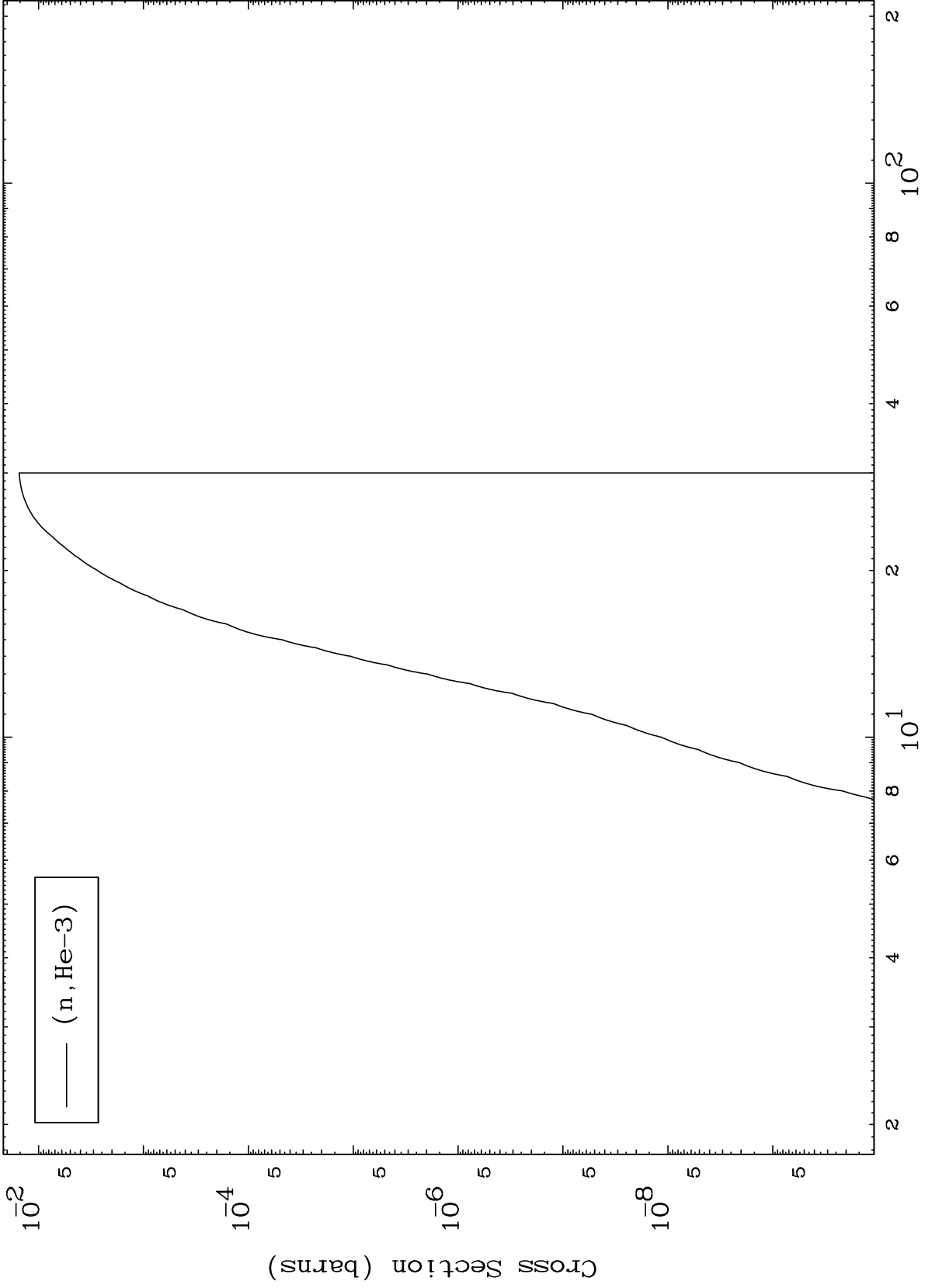
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44-Ru-93

MAT 4416

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-93



13

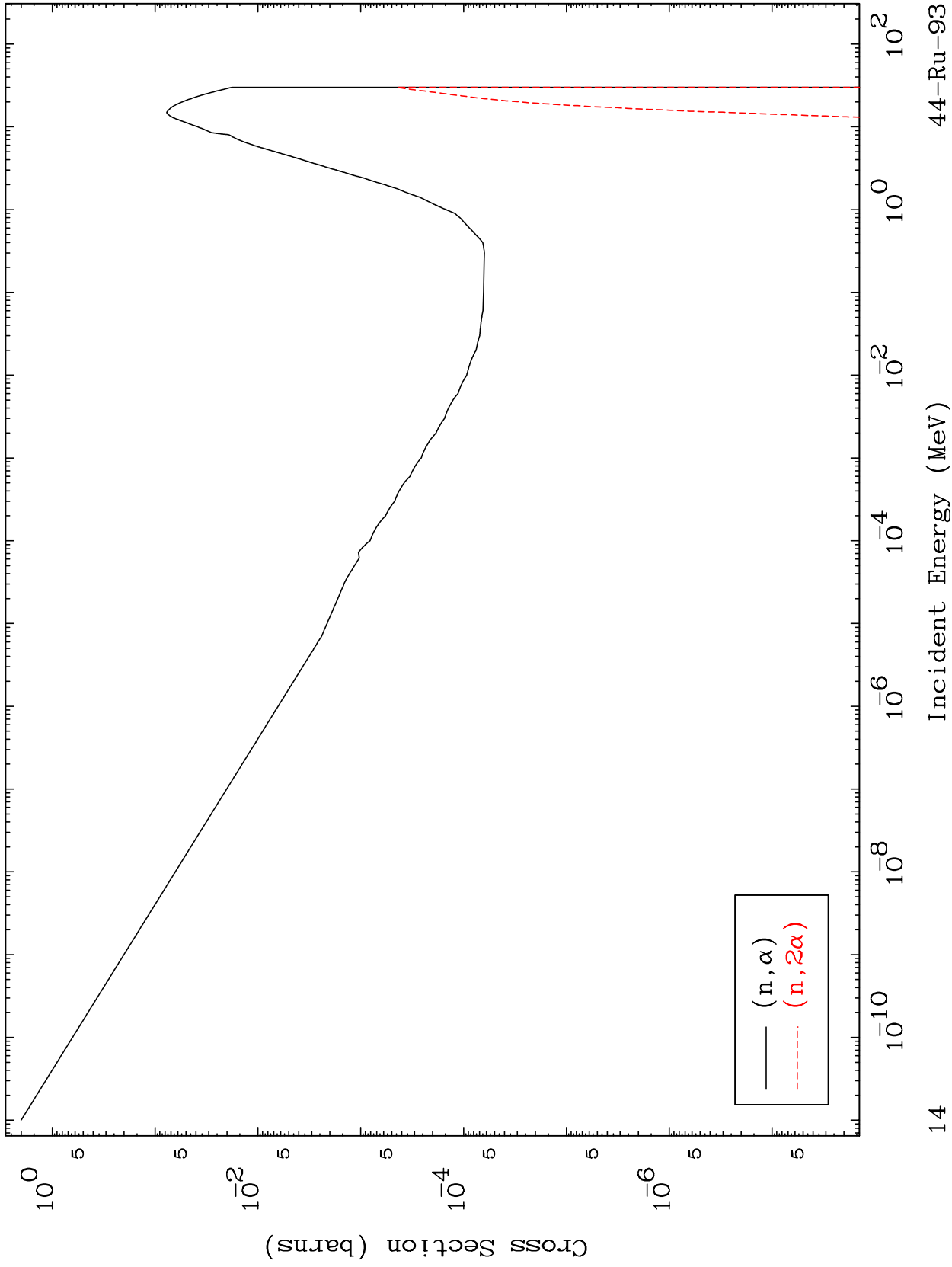
Incident Energy (MeV)

44-Ru-93

MAT 4416

(n,α) Levels
293 Kelvin Cross Sections

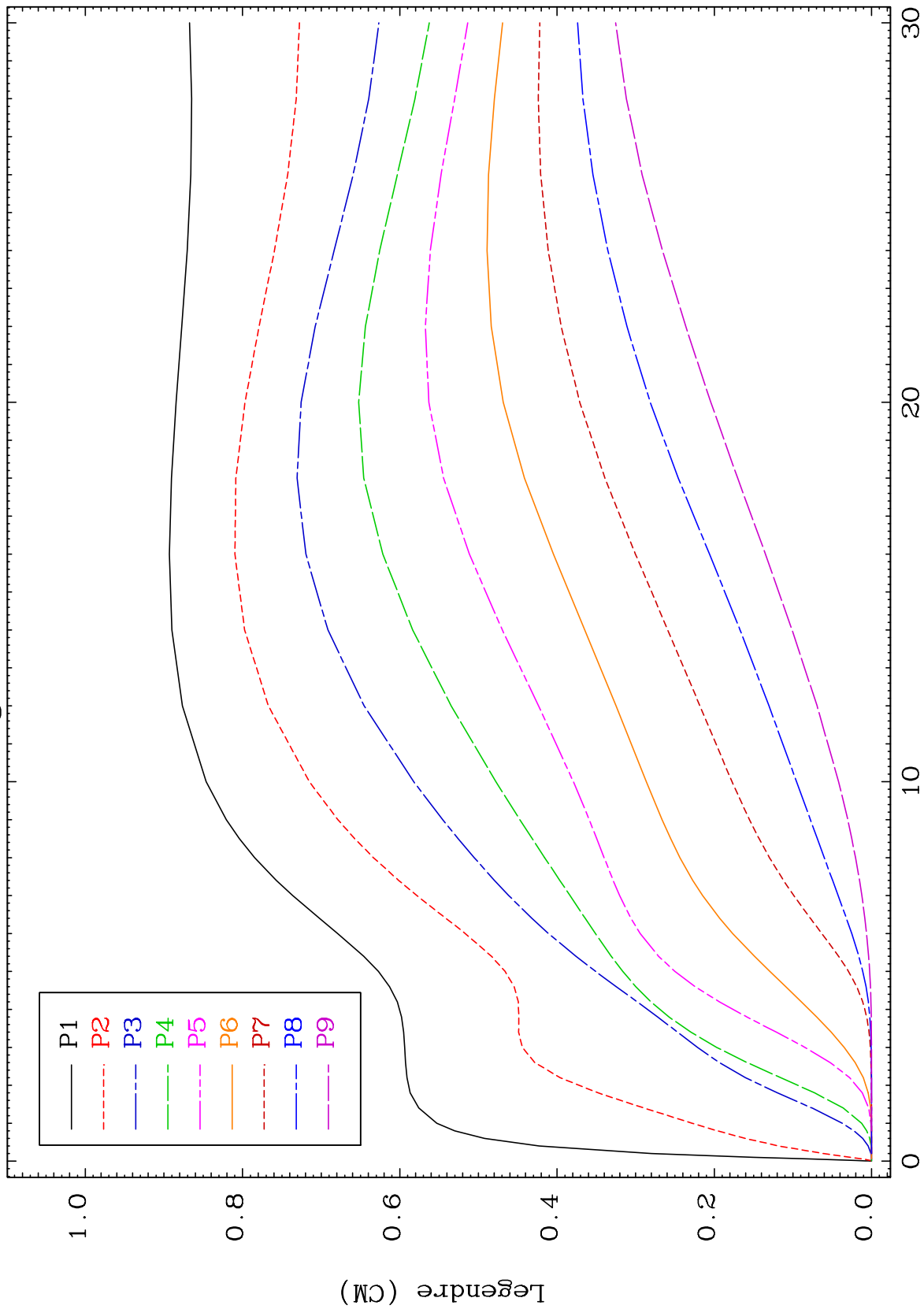
44-Ru-93



MAT 4416

Elastic Legendre Coefficients

44-Ru-93

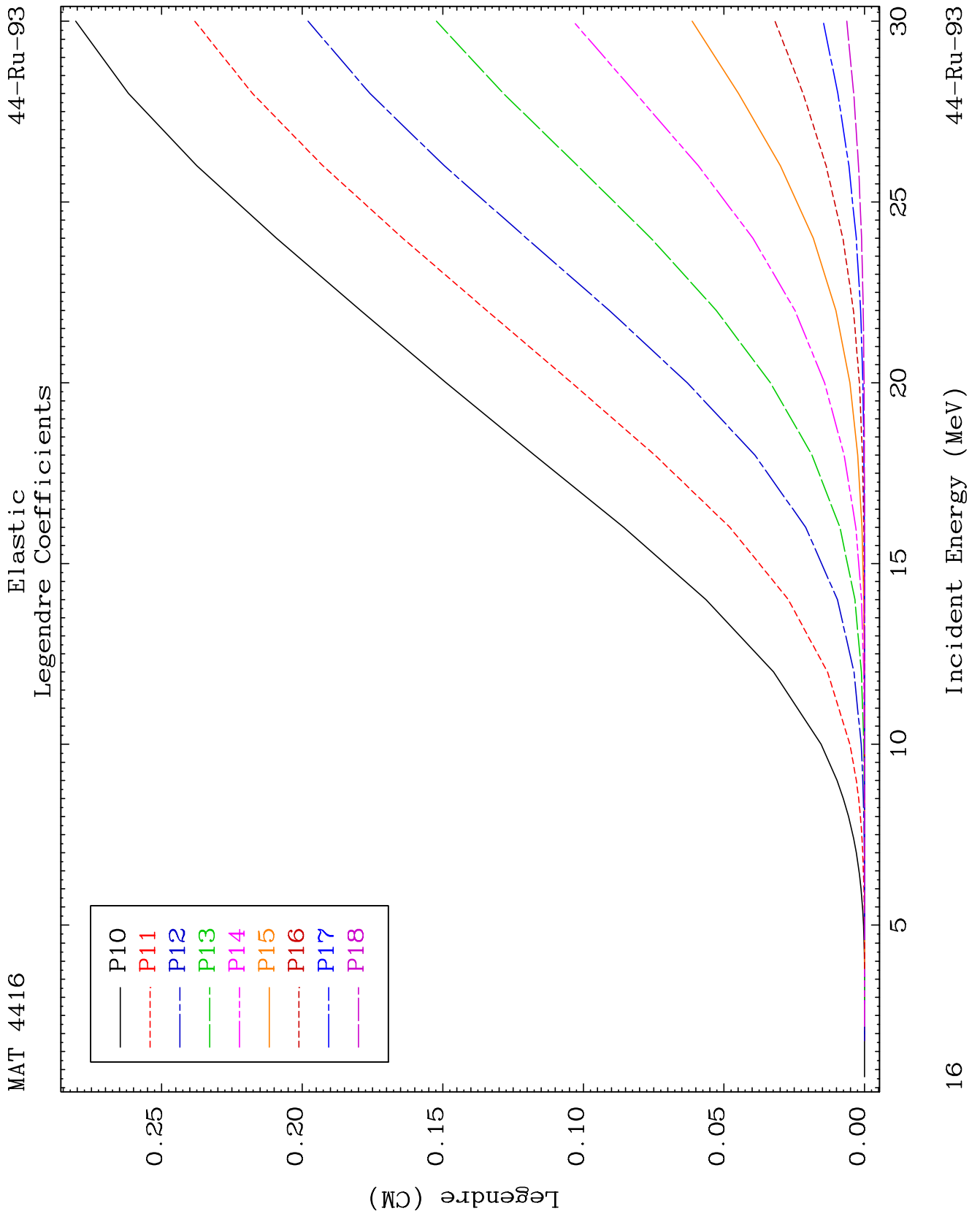


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Incident Energy (MeV)

44-Ru-93

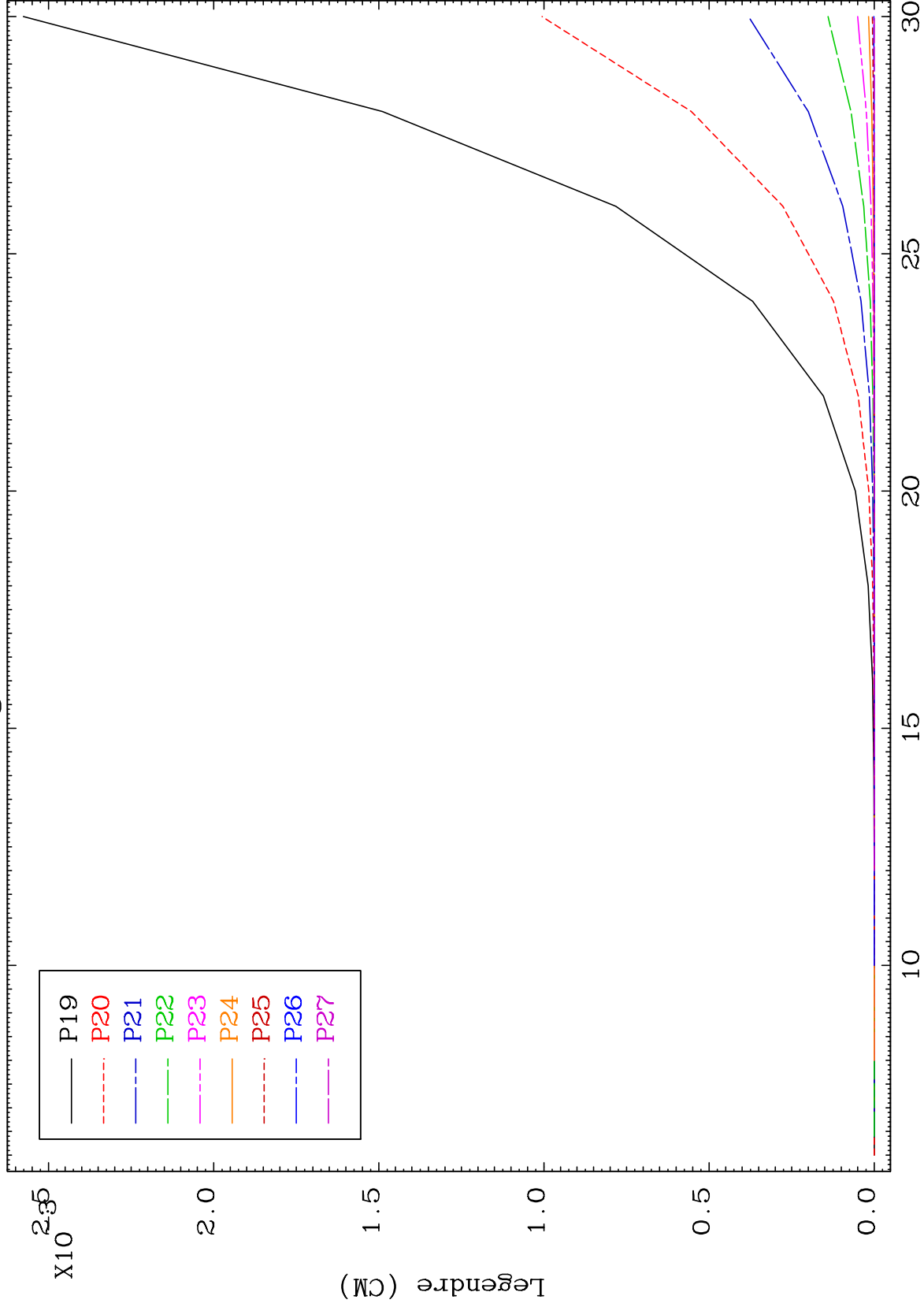
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MAT 4416

Elastic
Legendre Coefficients

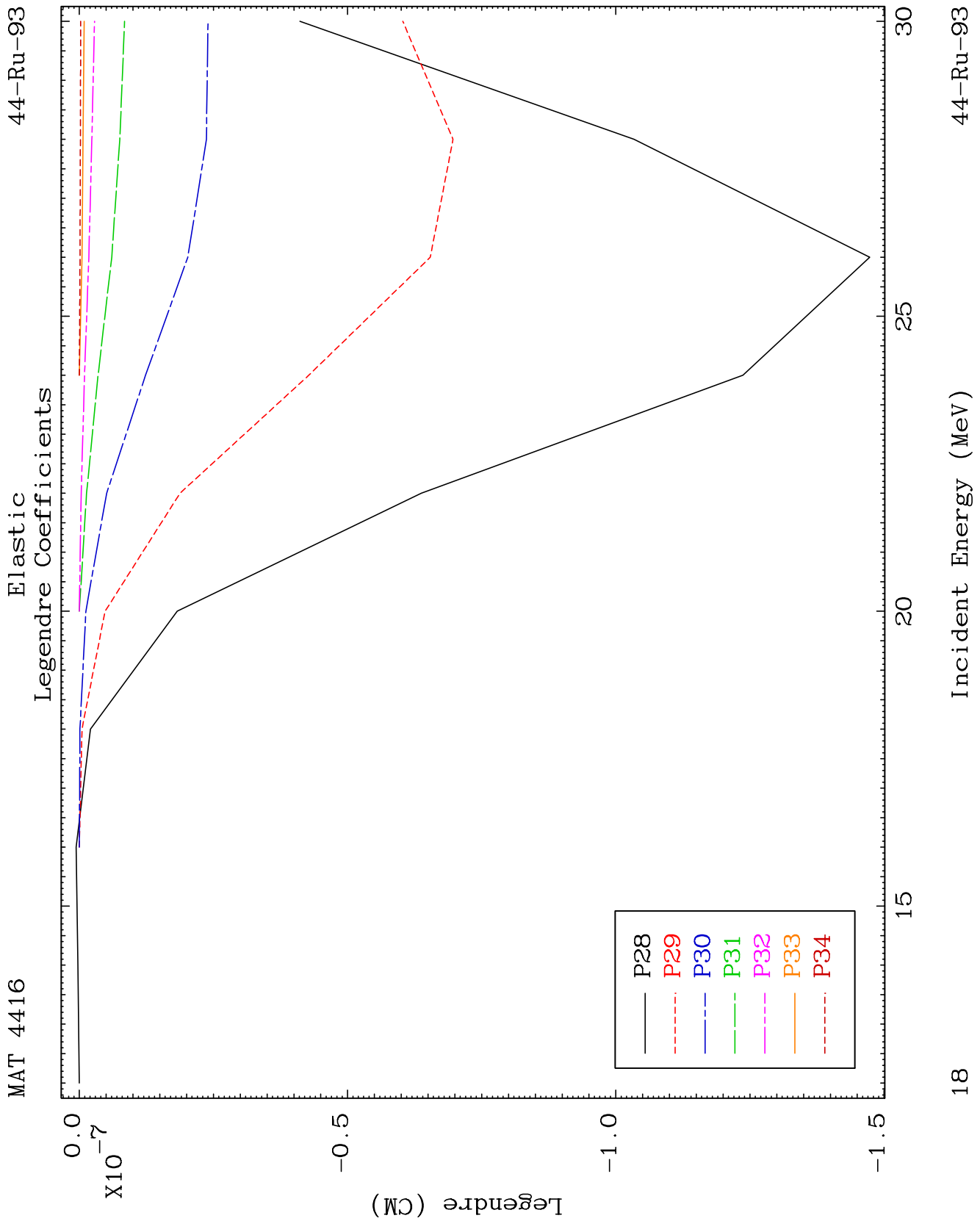
44-Ru-93



17

Incident Energy (MeV)

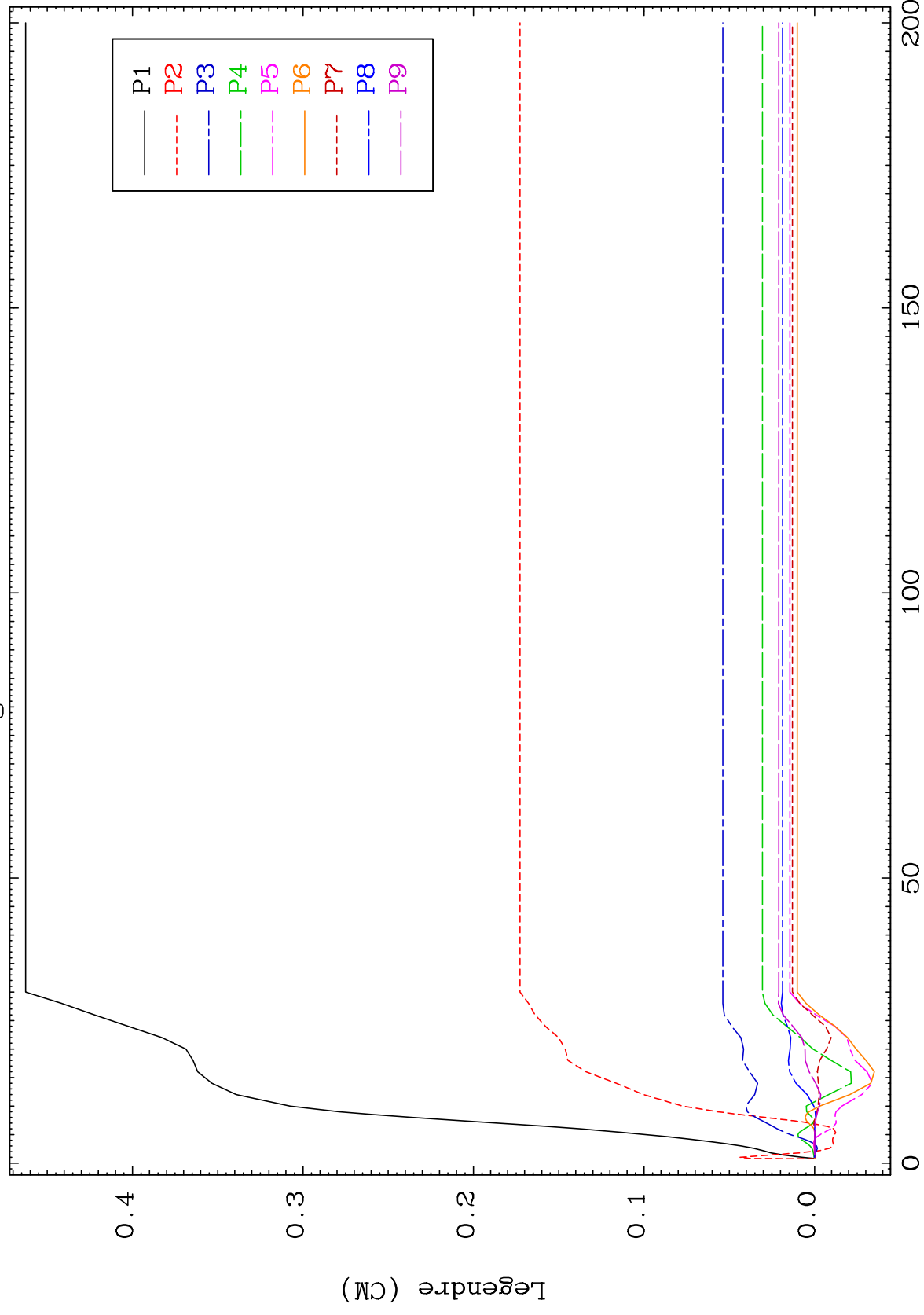
44-Ru-93



MAT 4416

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

44-Ru-93



19

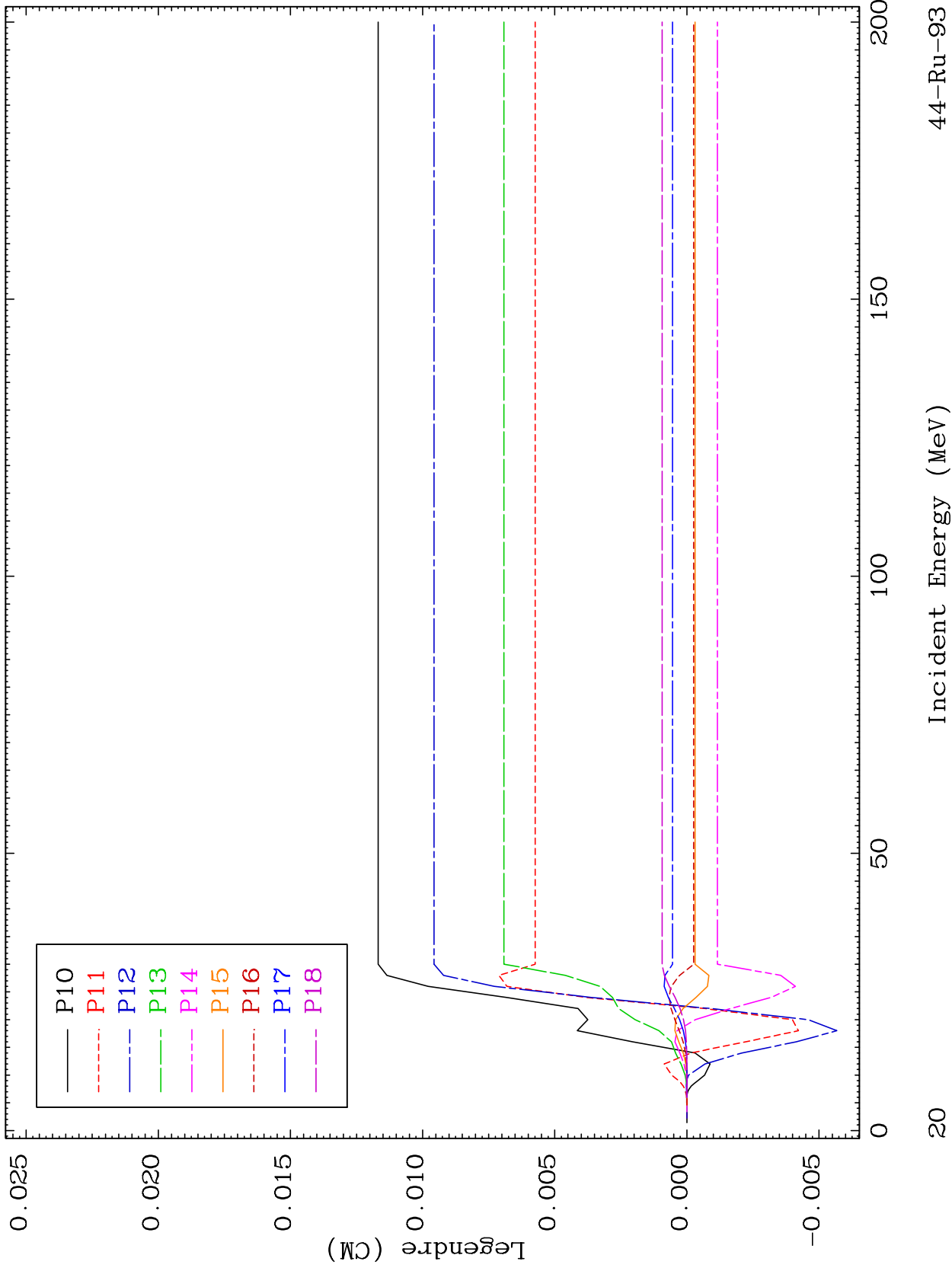
Incident Energy (MeV)

44-Ru-93

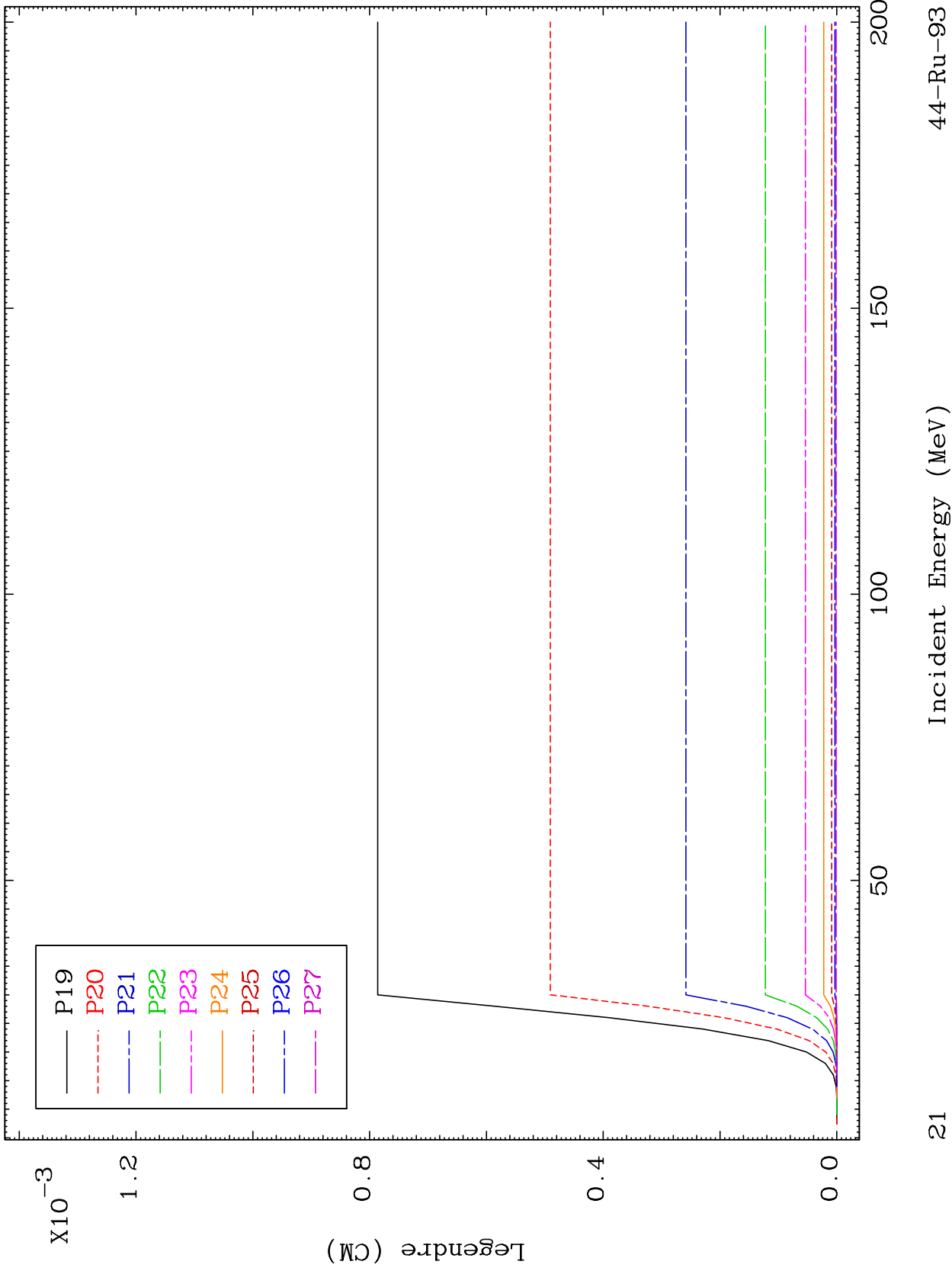
MAT 4416

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

44-Ru-93



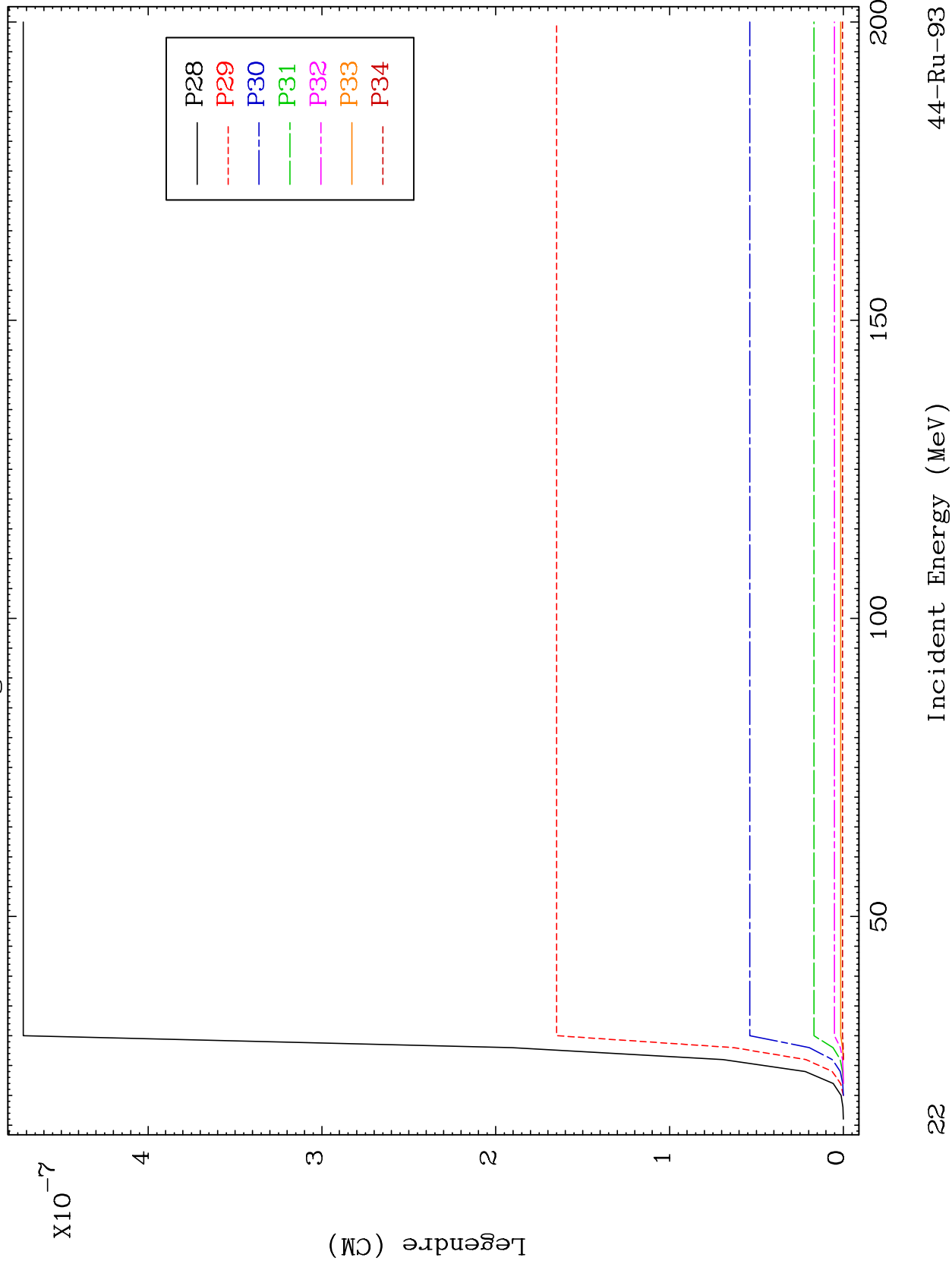
44-Ru-93



MAT 4416

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

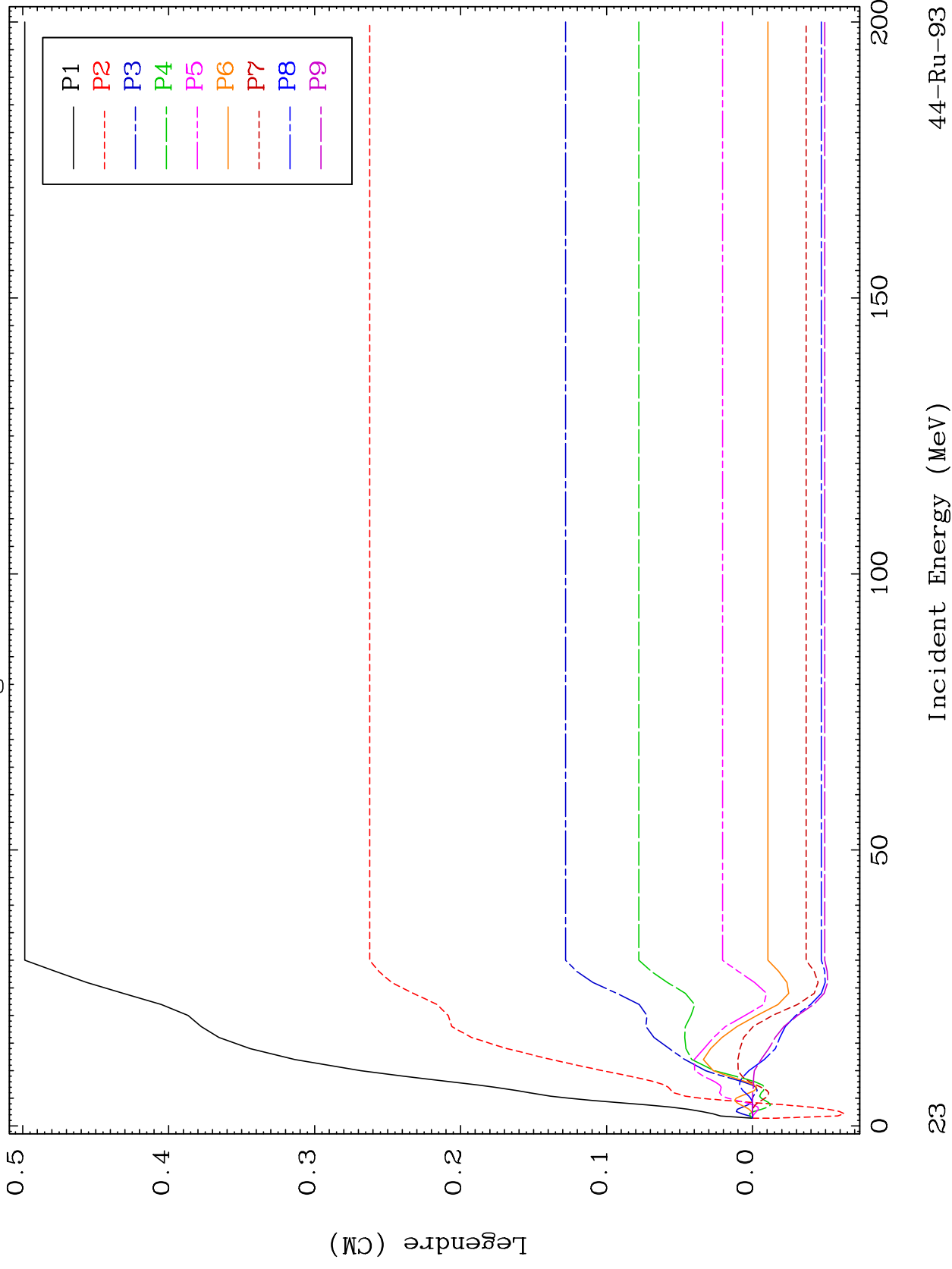
44-Ru-93



MAT 4416

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

44-Ru-93



44-Ru-93

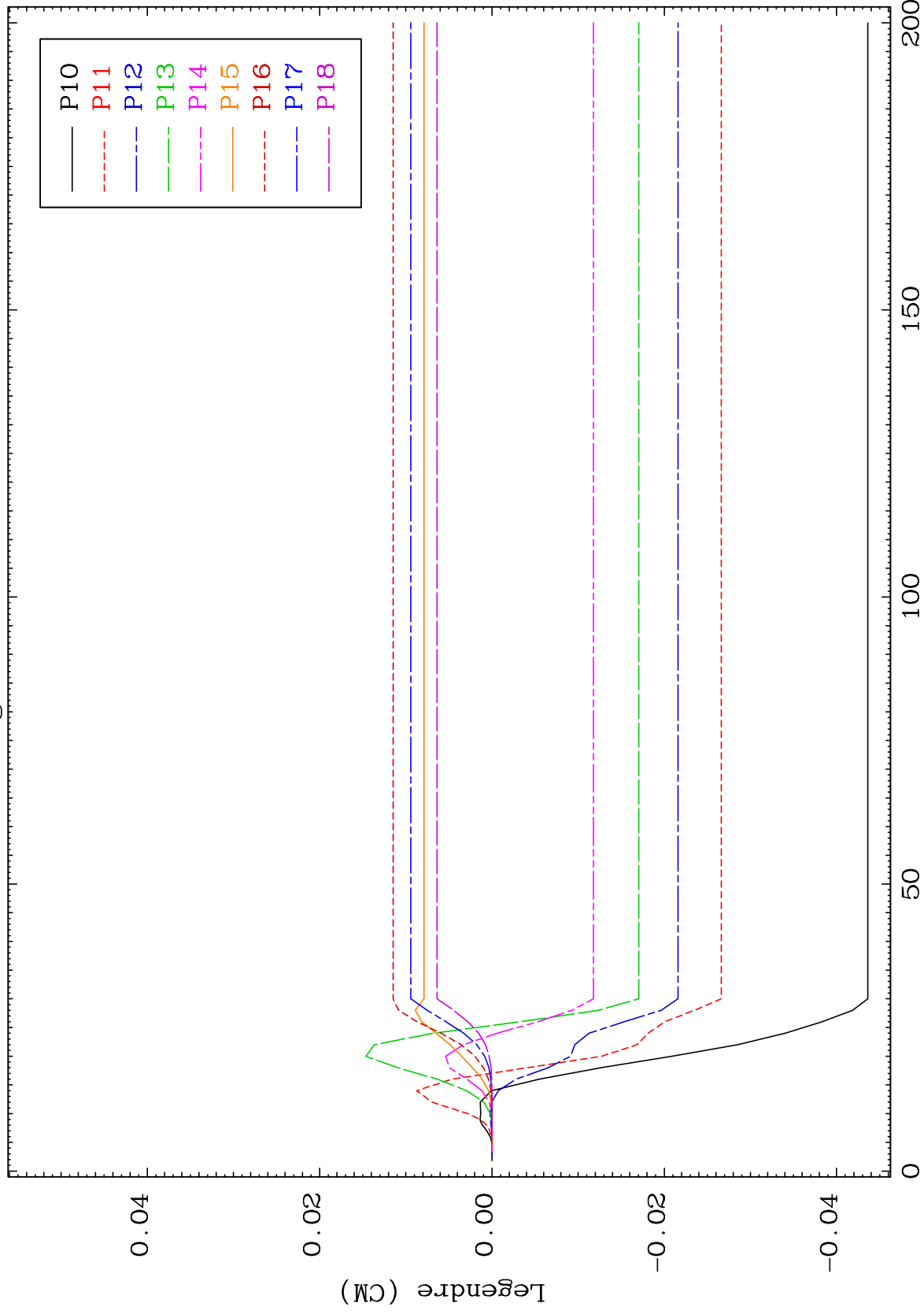
Incident Energy (MeV)

23

MAT 4416

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

44-Ru-93



24

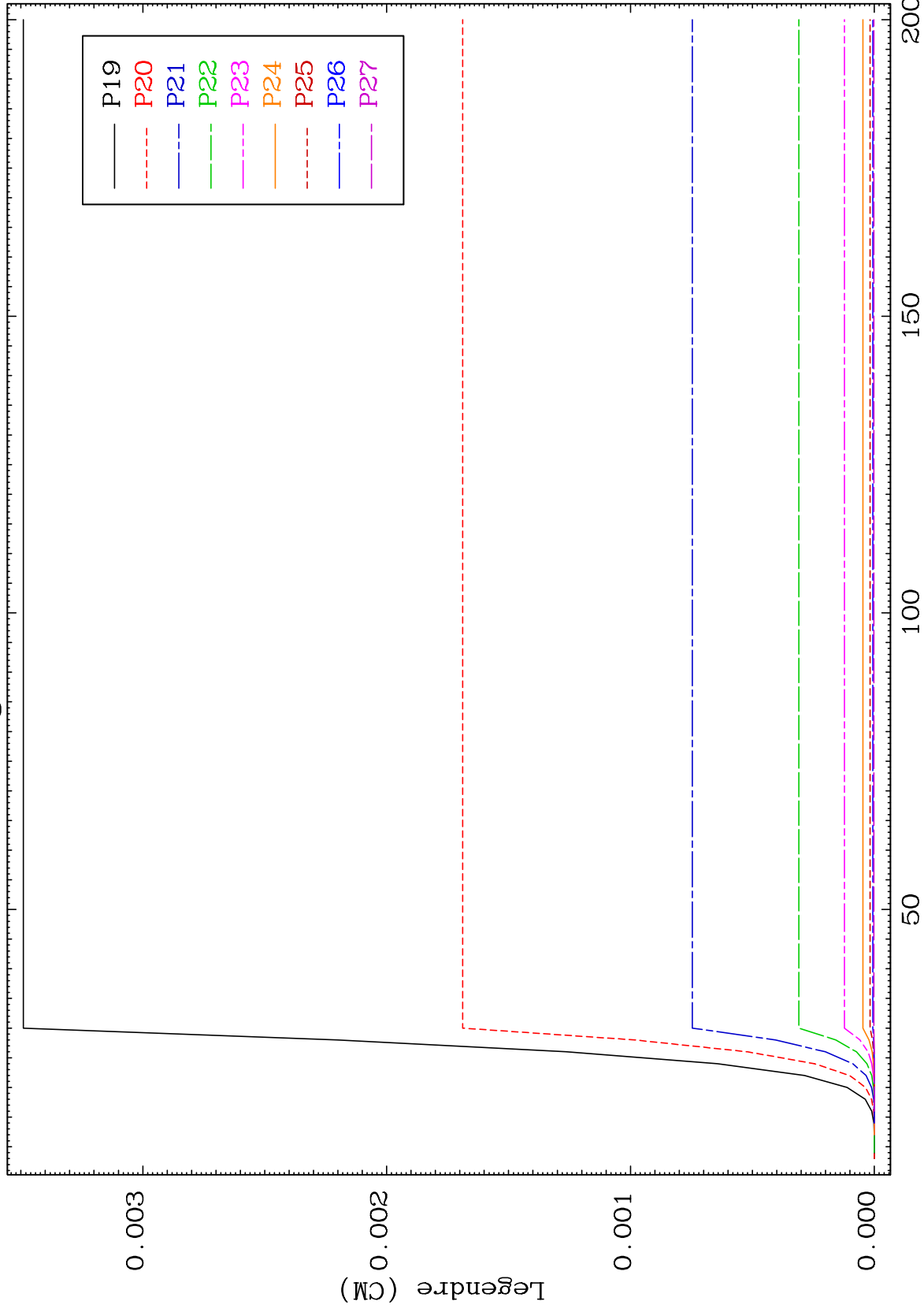
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



25

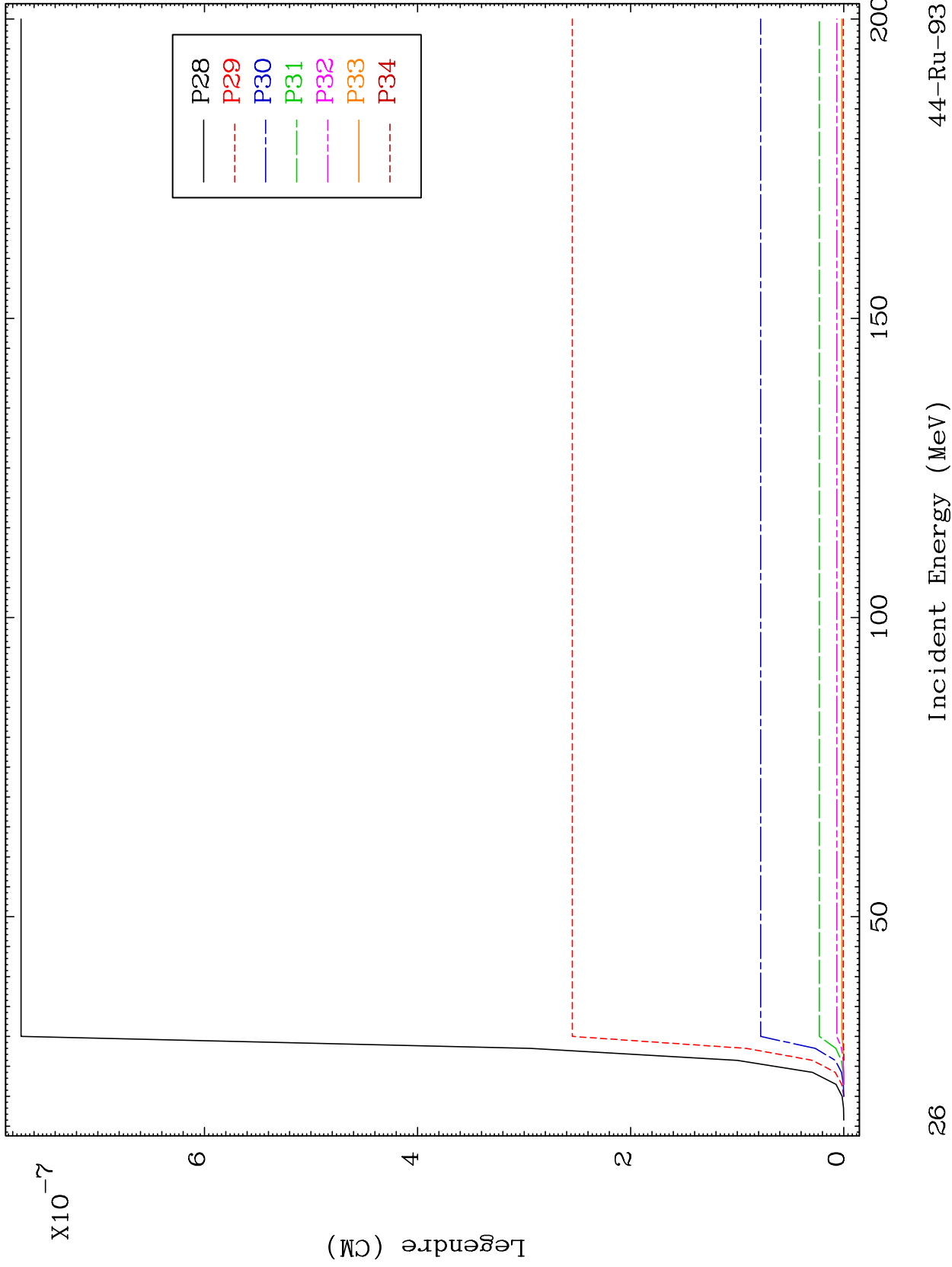
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93

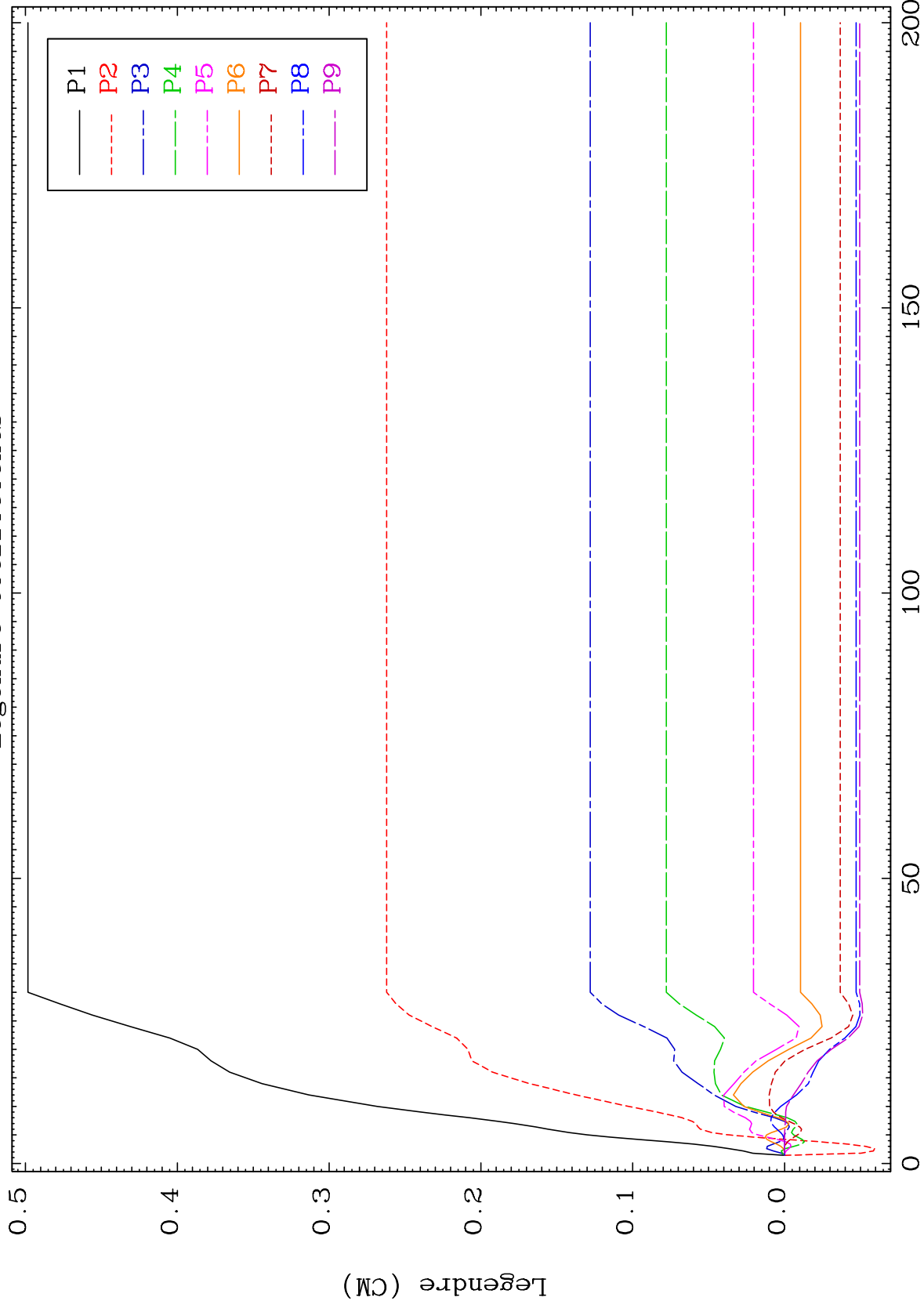


MAT 4416

MT= 53 (n,n') Level

44-Ru-93

Legendre Coefficients



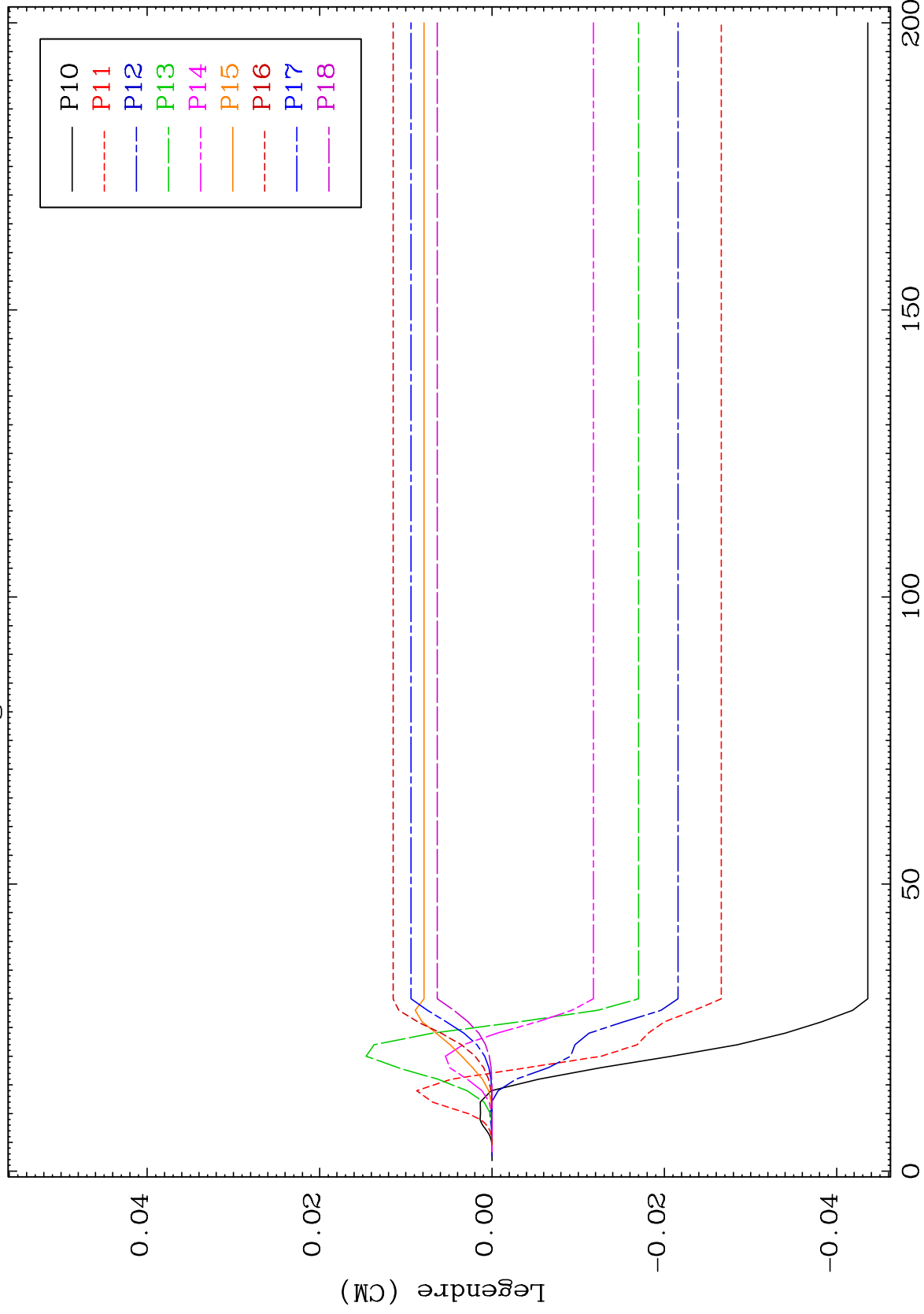
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44-Ru-93

MAT 4416

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

44-Ru-93



28

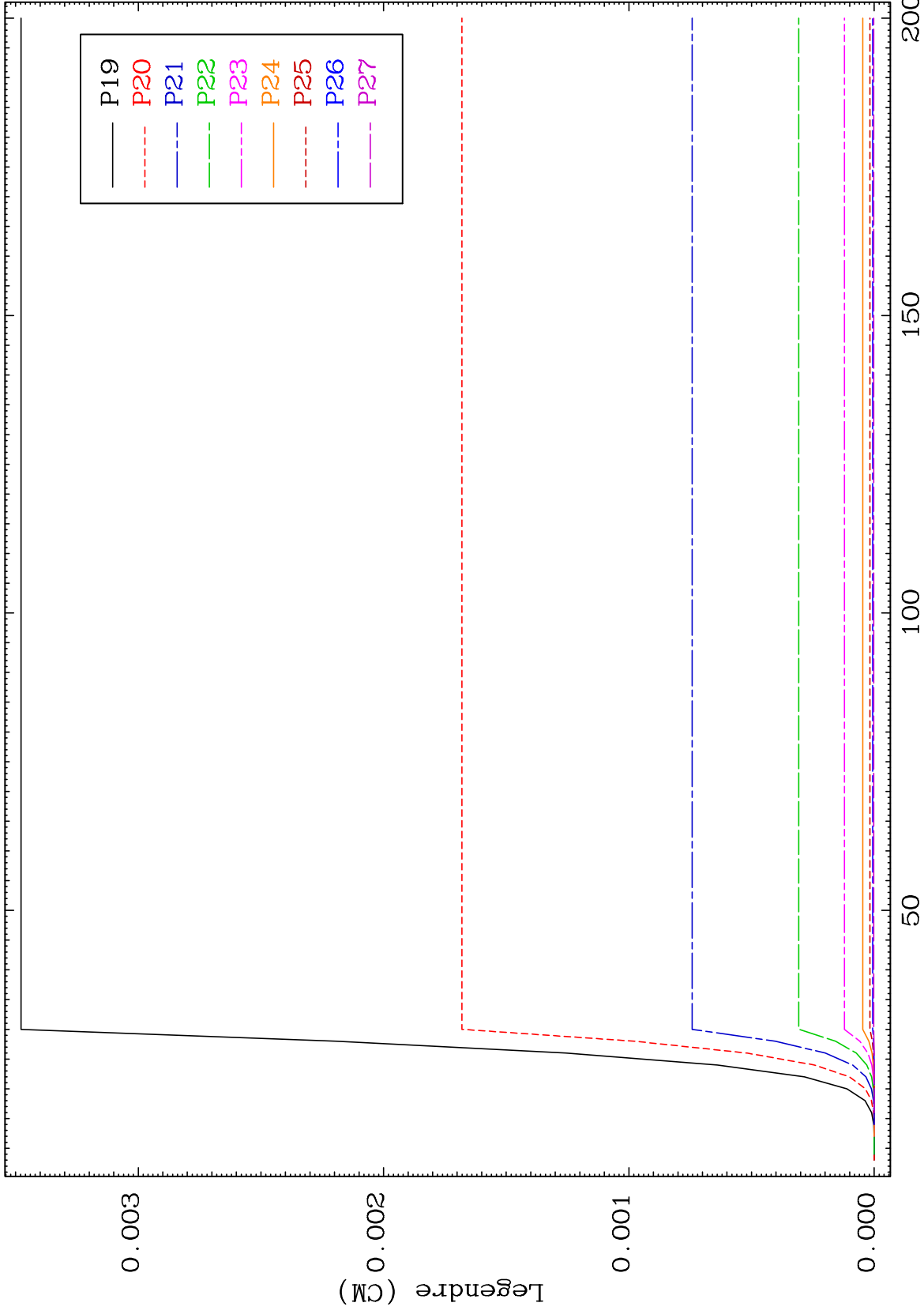
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



29

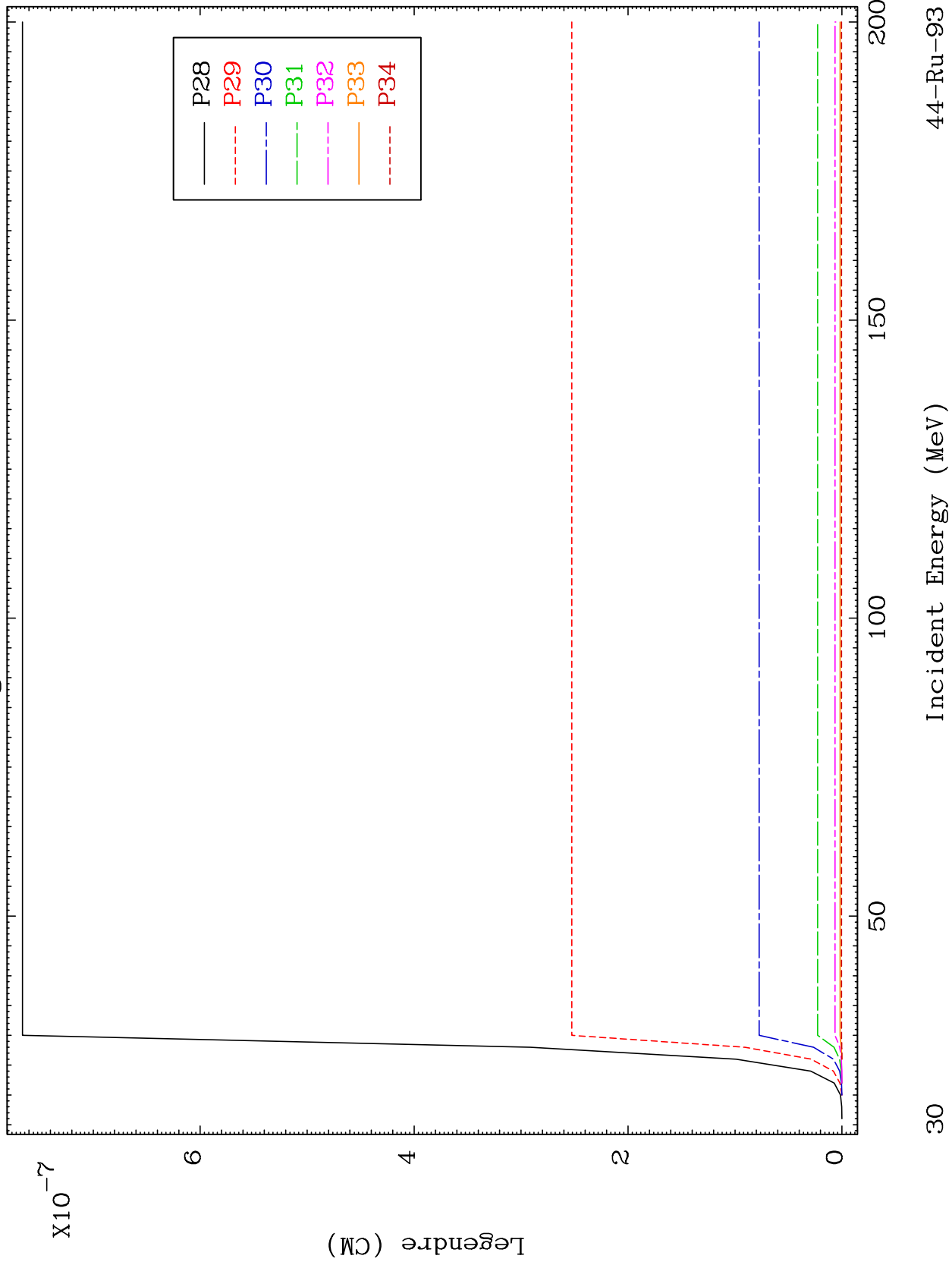
Incident Energy (MeV)

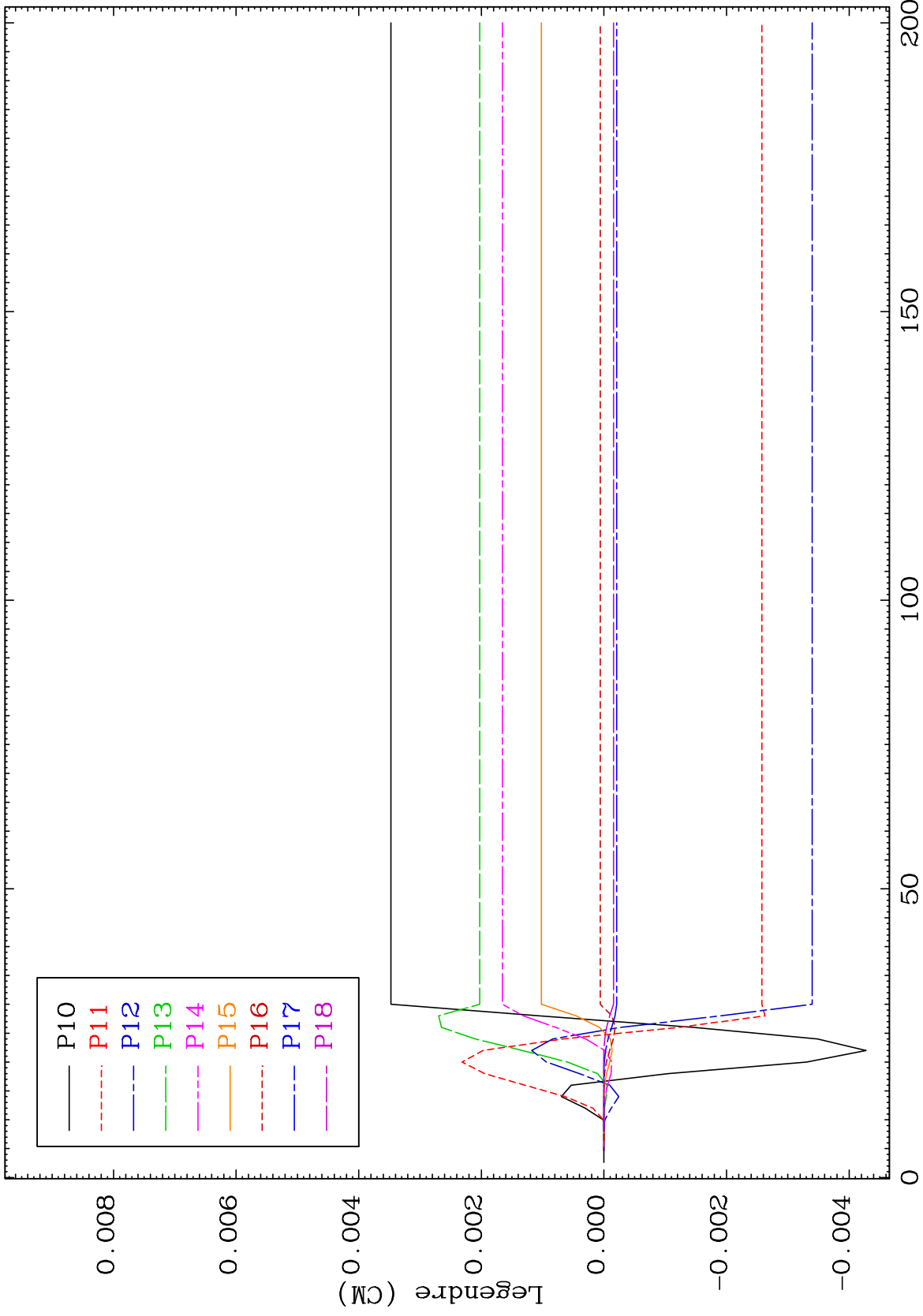
44-Ru-93

MAT 4416

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

44-Ru-93

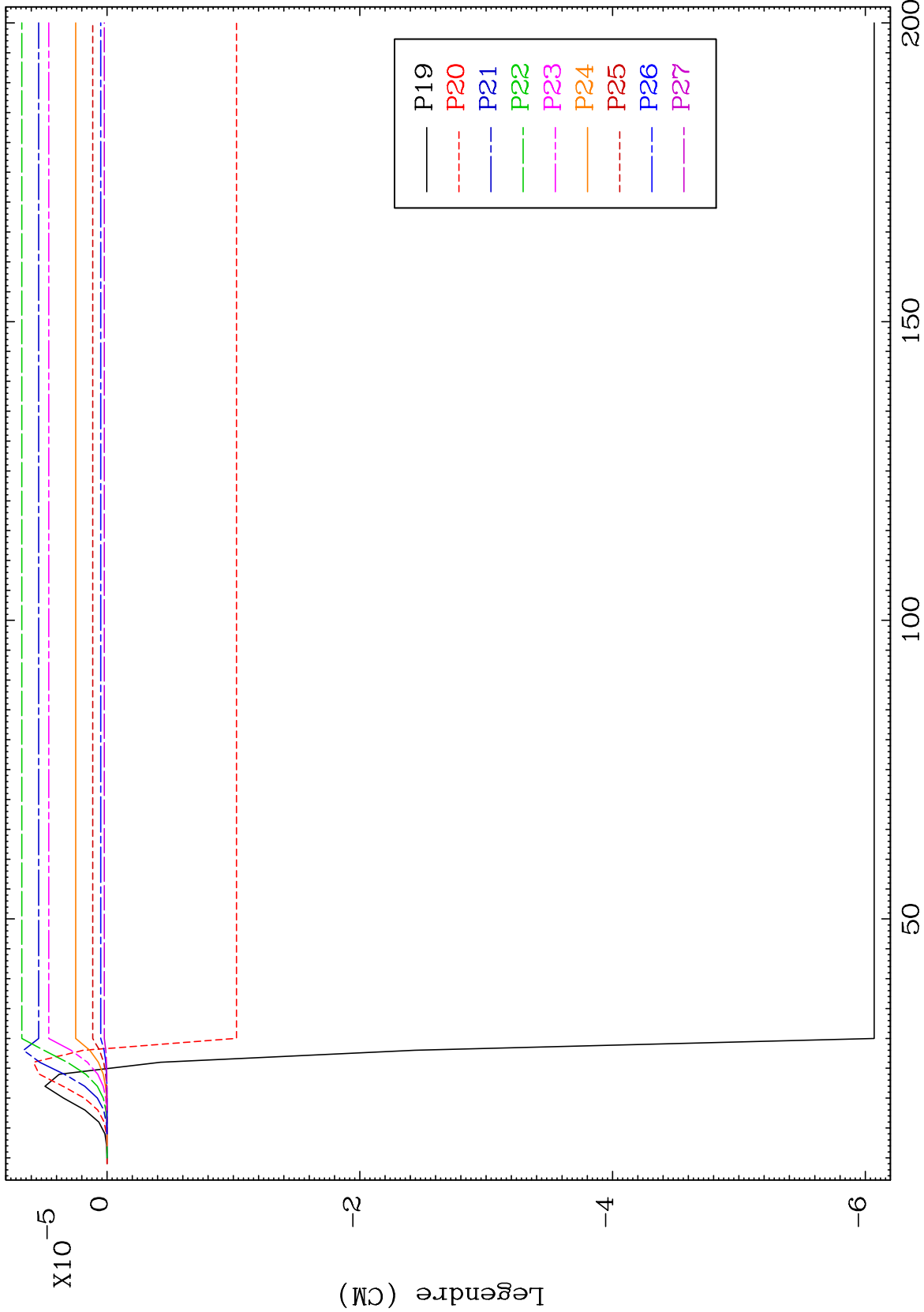




MAT 4416

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

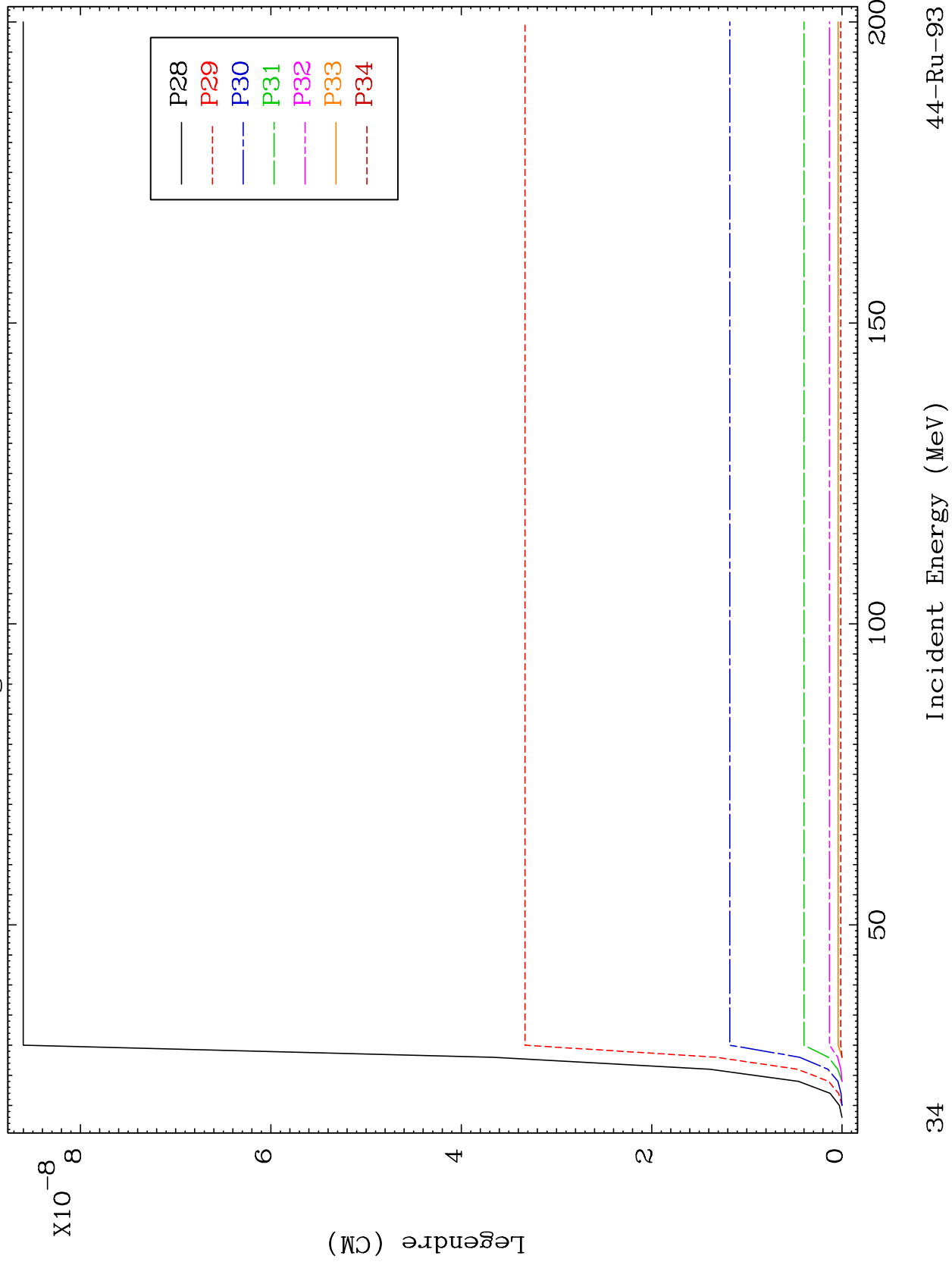
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MAT 4416

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

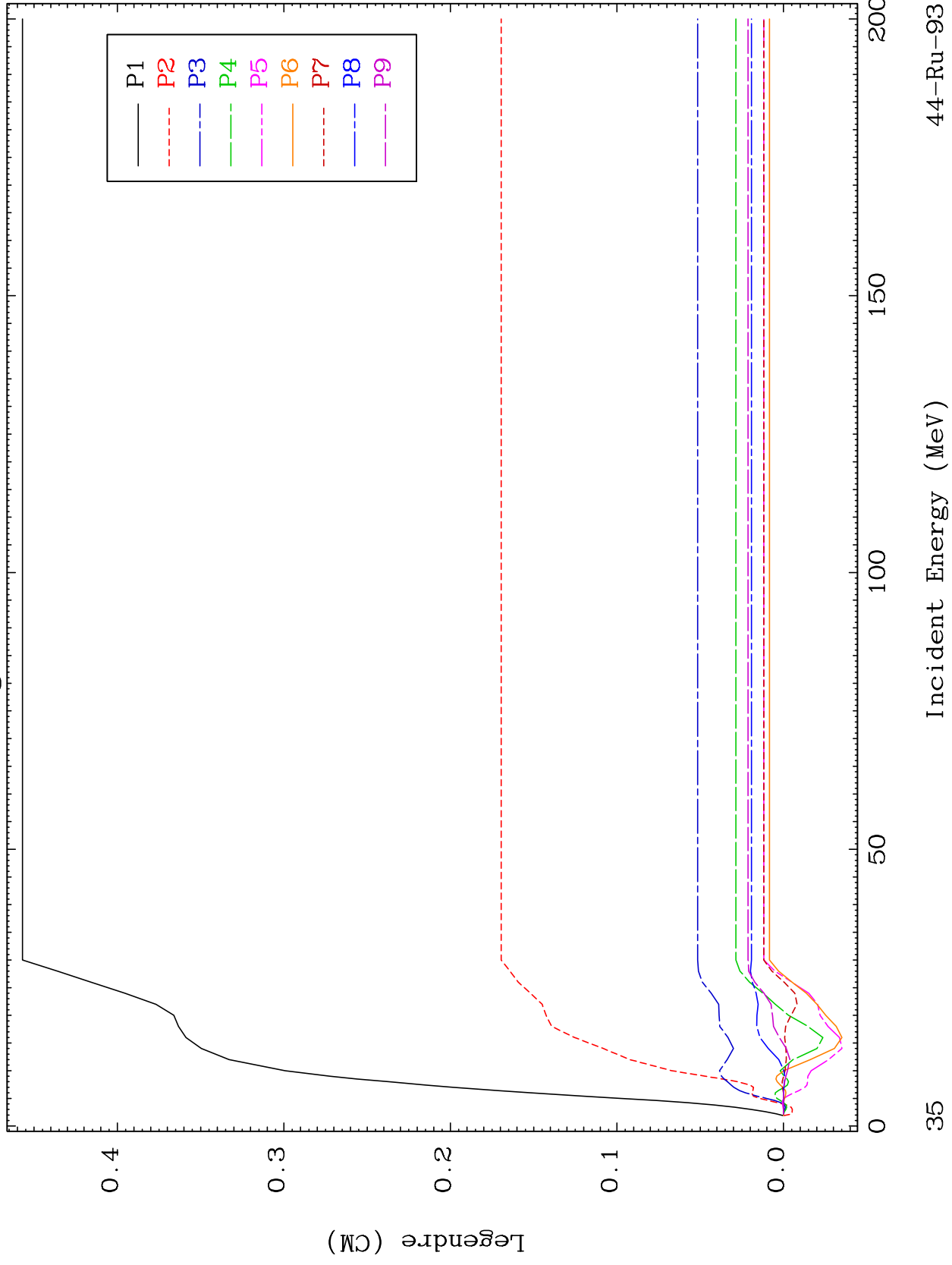
44-Ru-93



MAT 4416

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

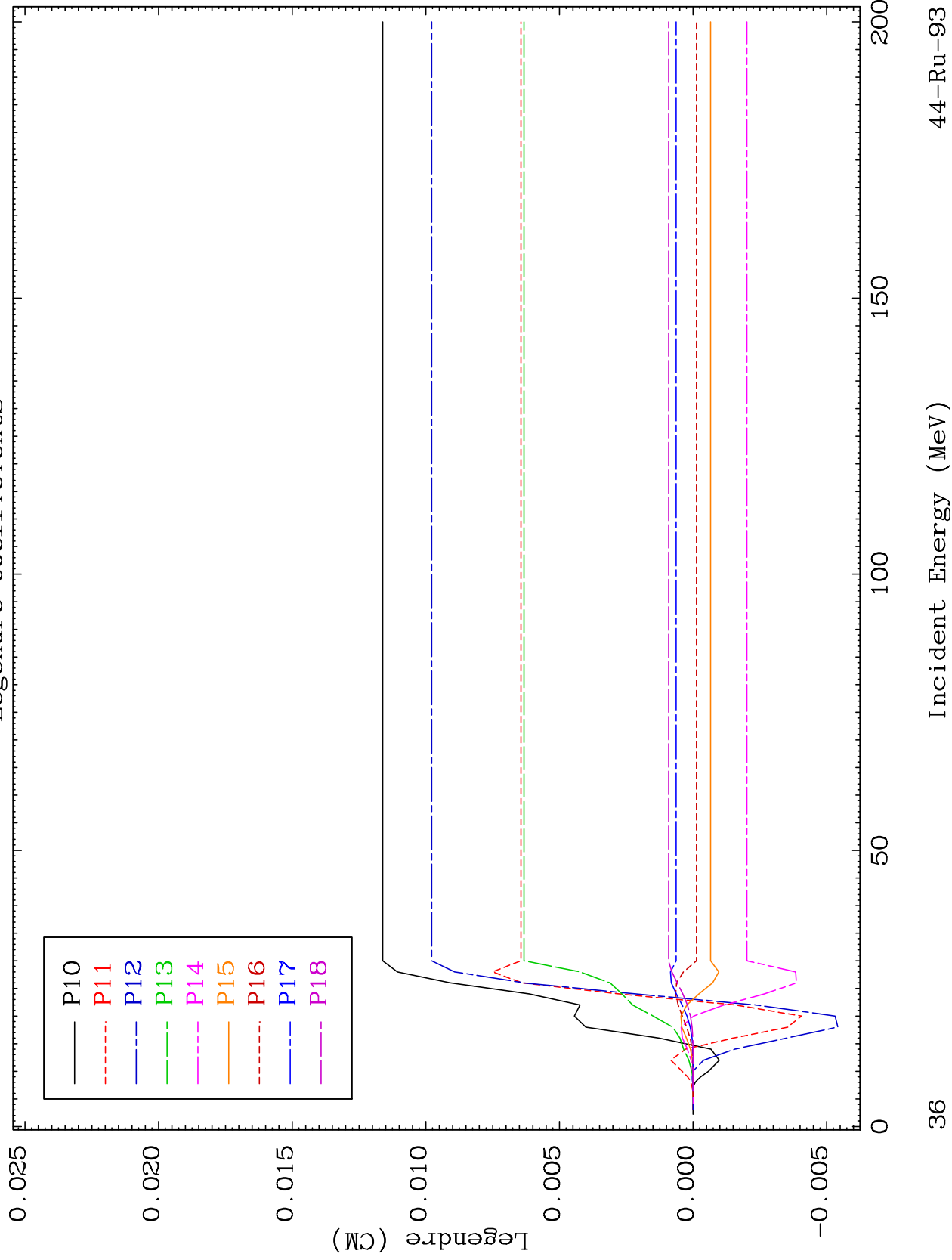
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MAT 4416

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

44-Ru-93



36

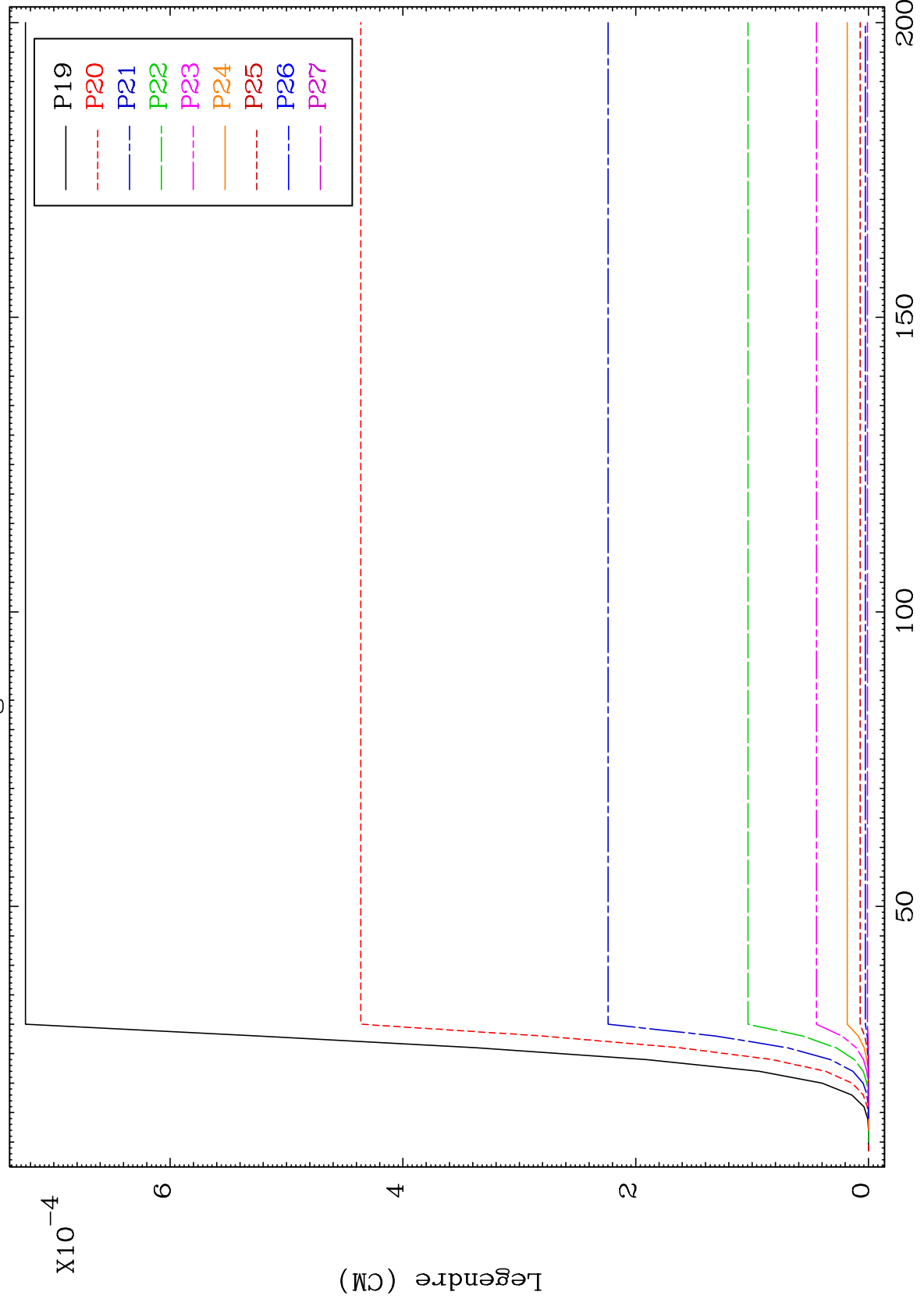
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



37

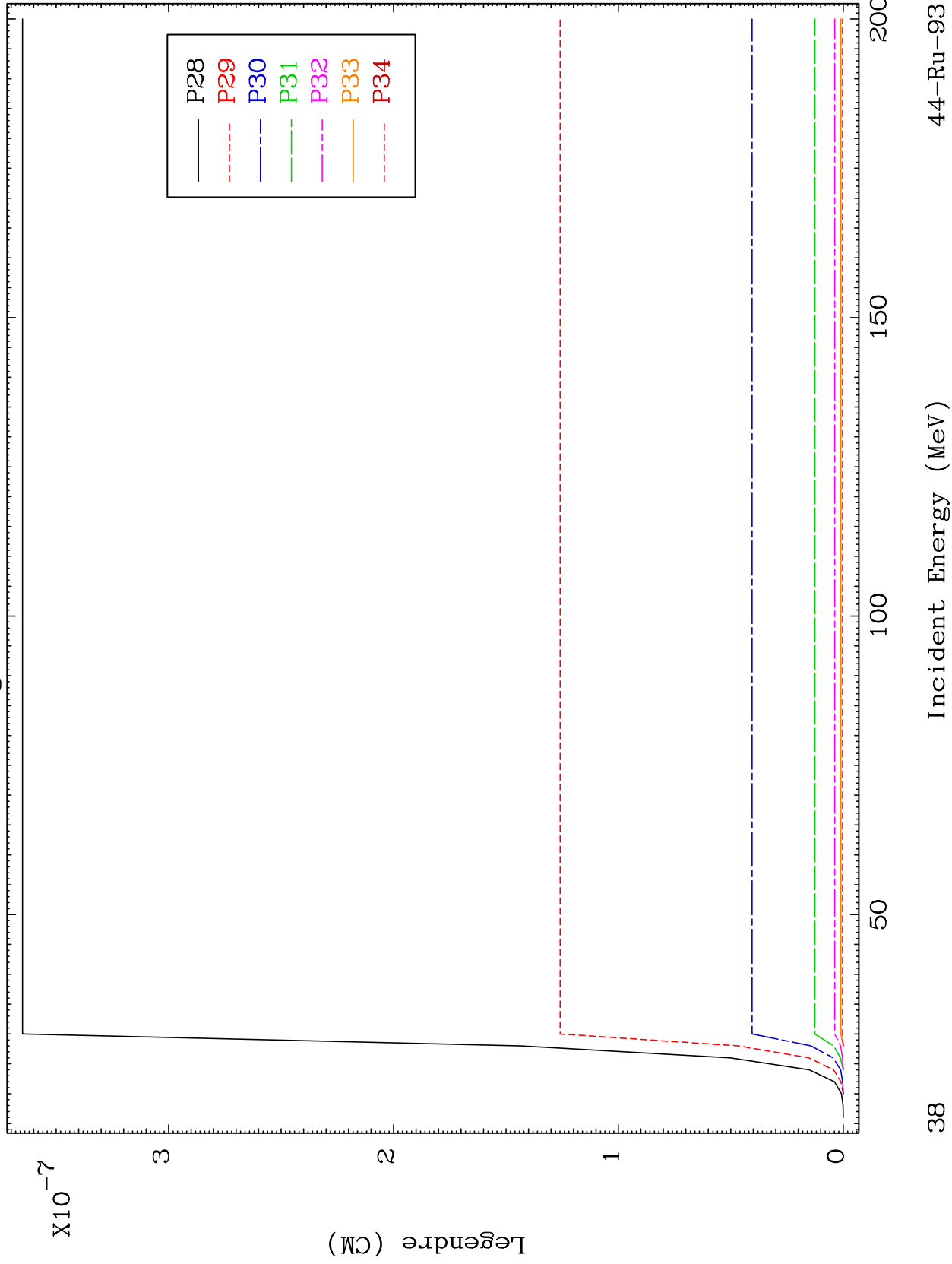
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



38

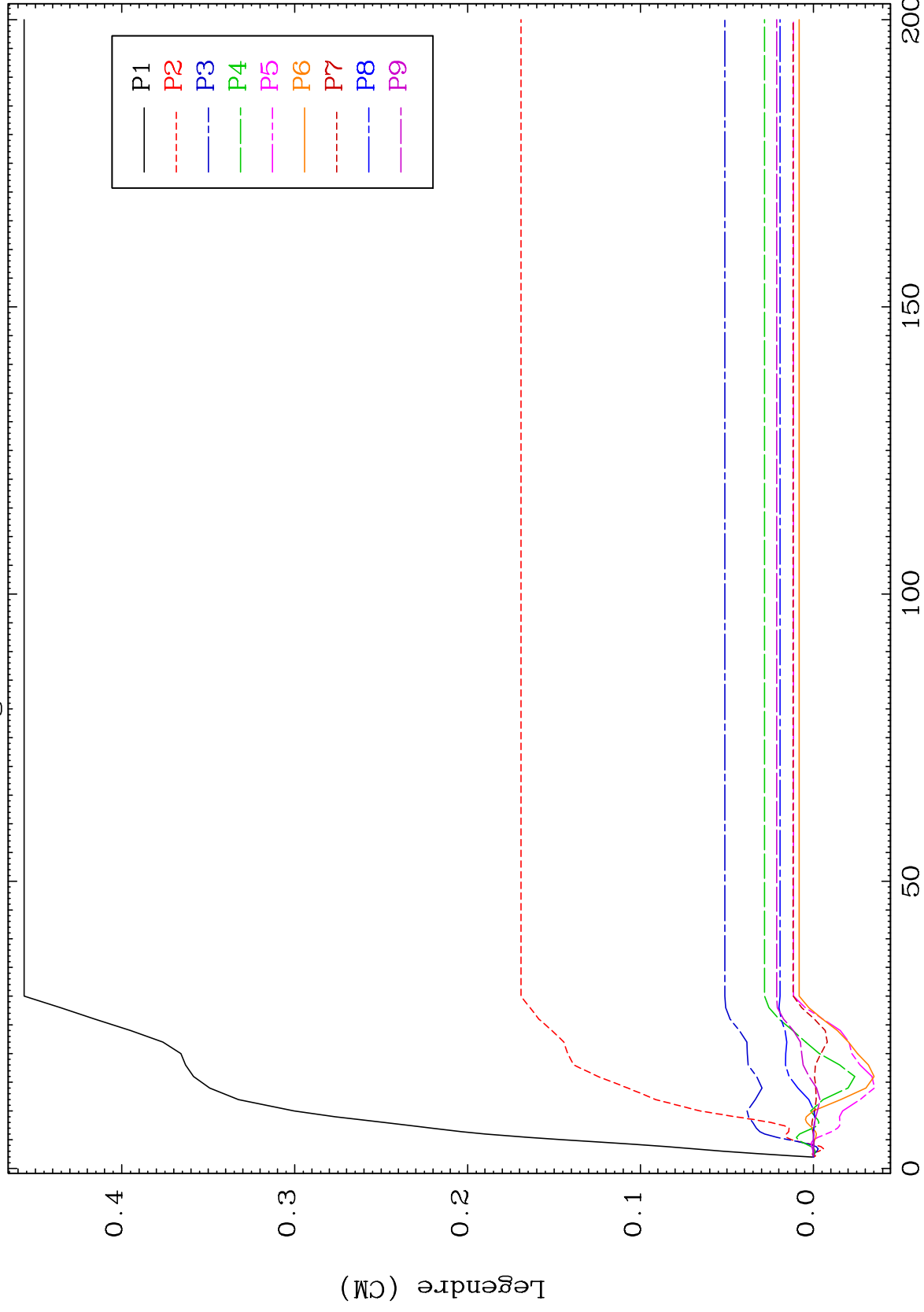
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



39

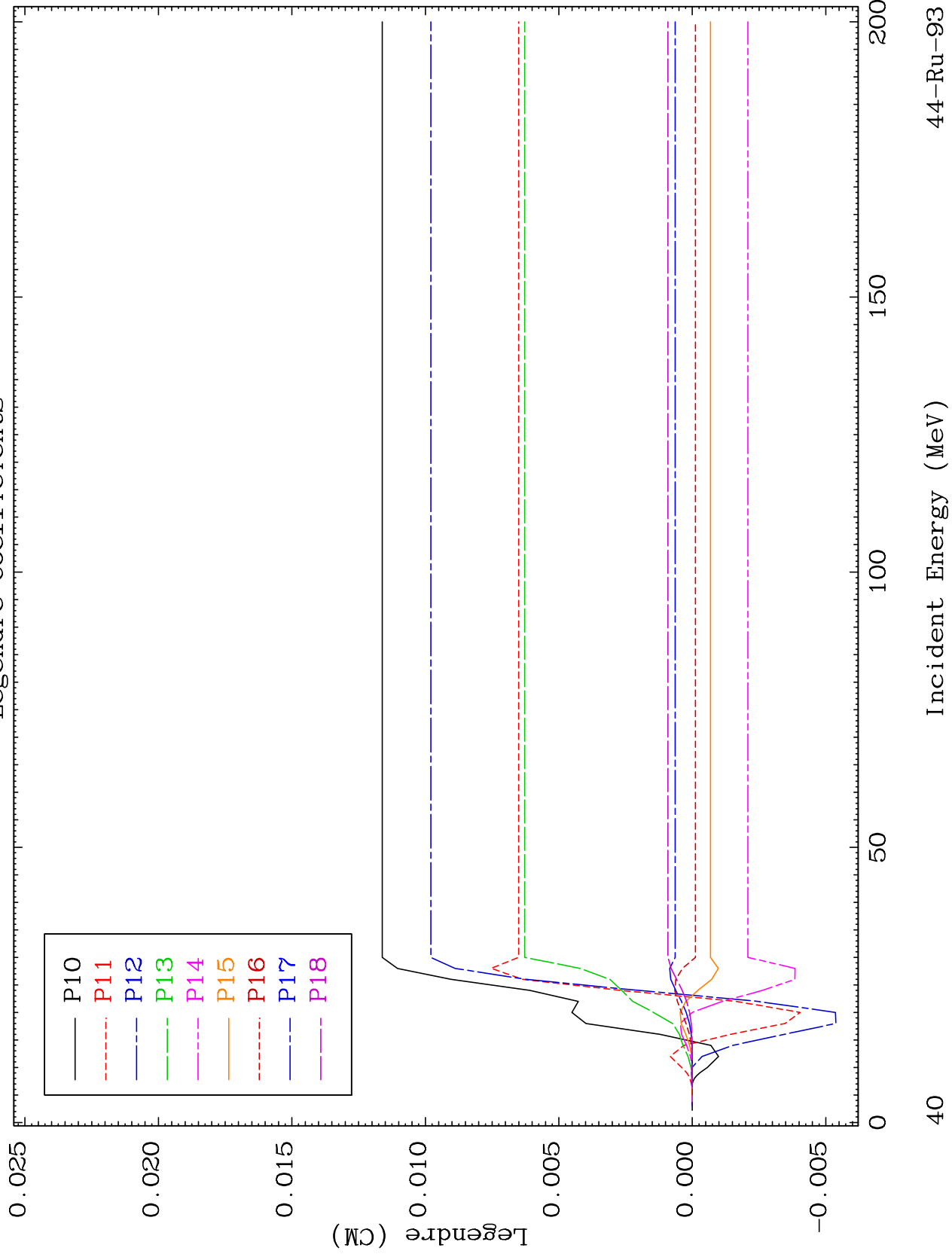
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



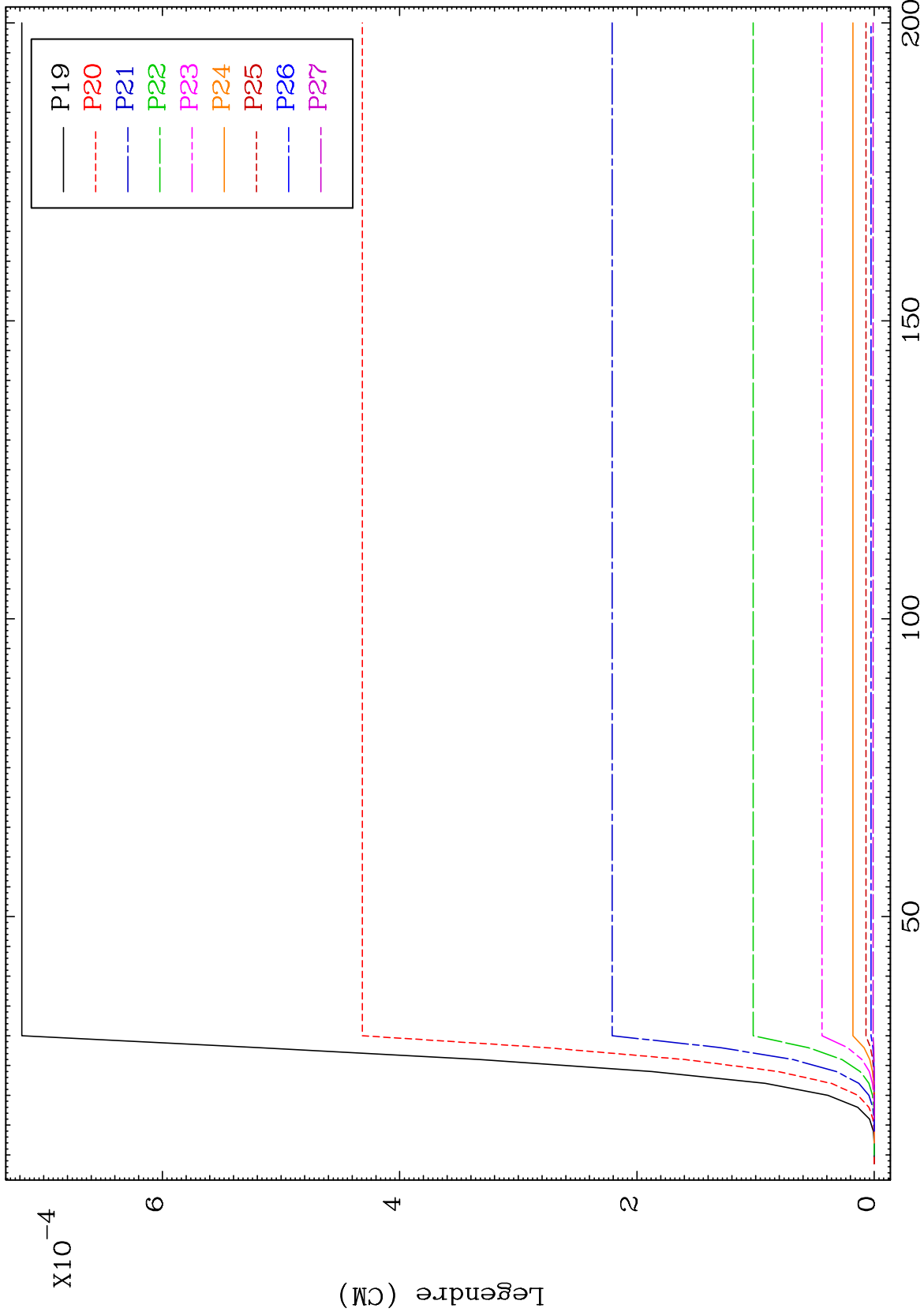
44-Ru-93

Incident Energy (MeV)

MAT 4416

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

44-Ru-93



41

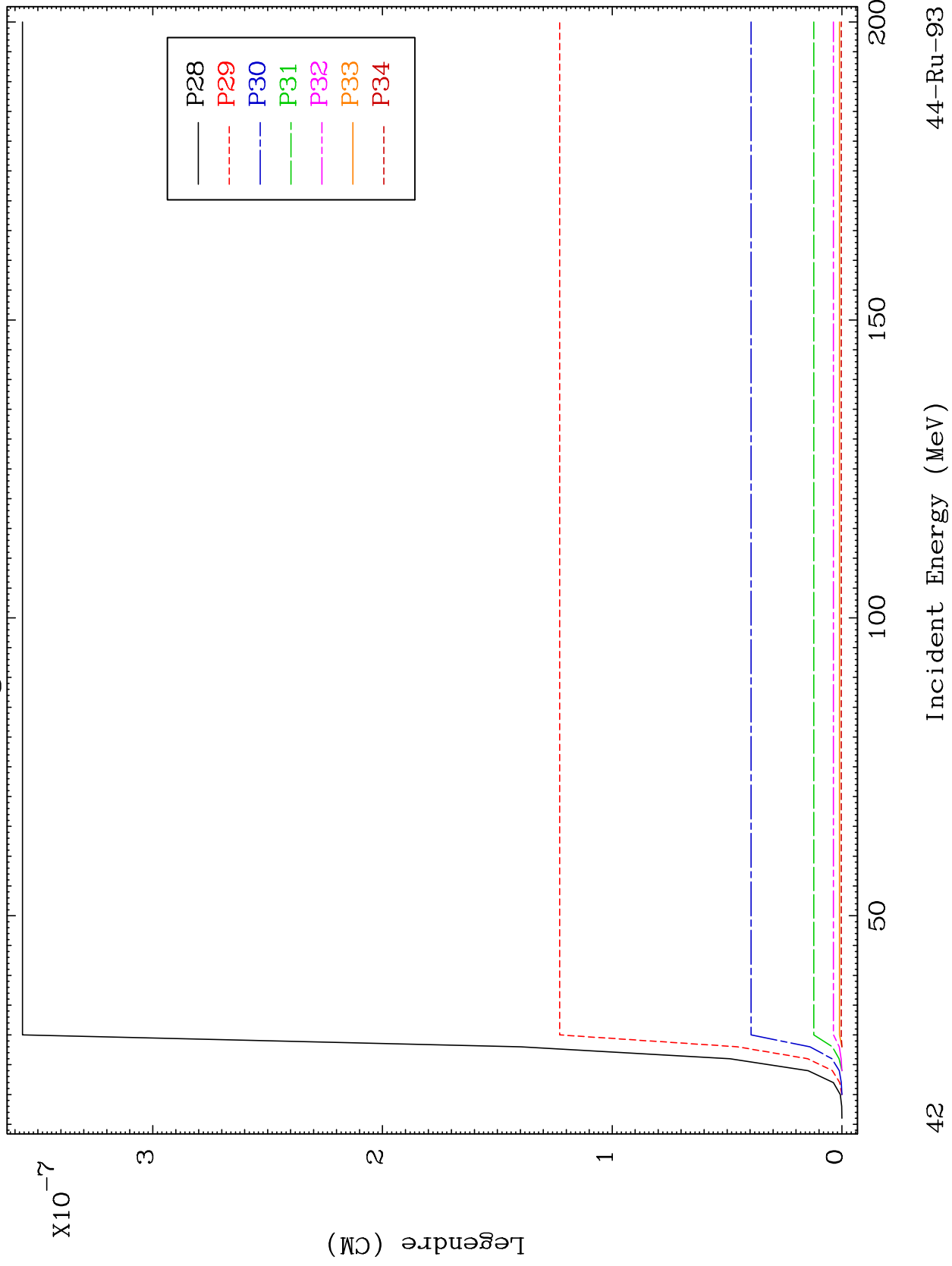
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

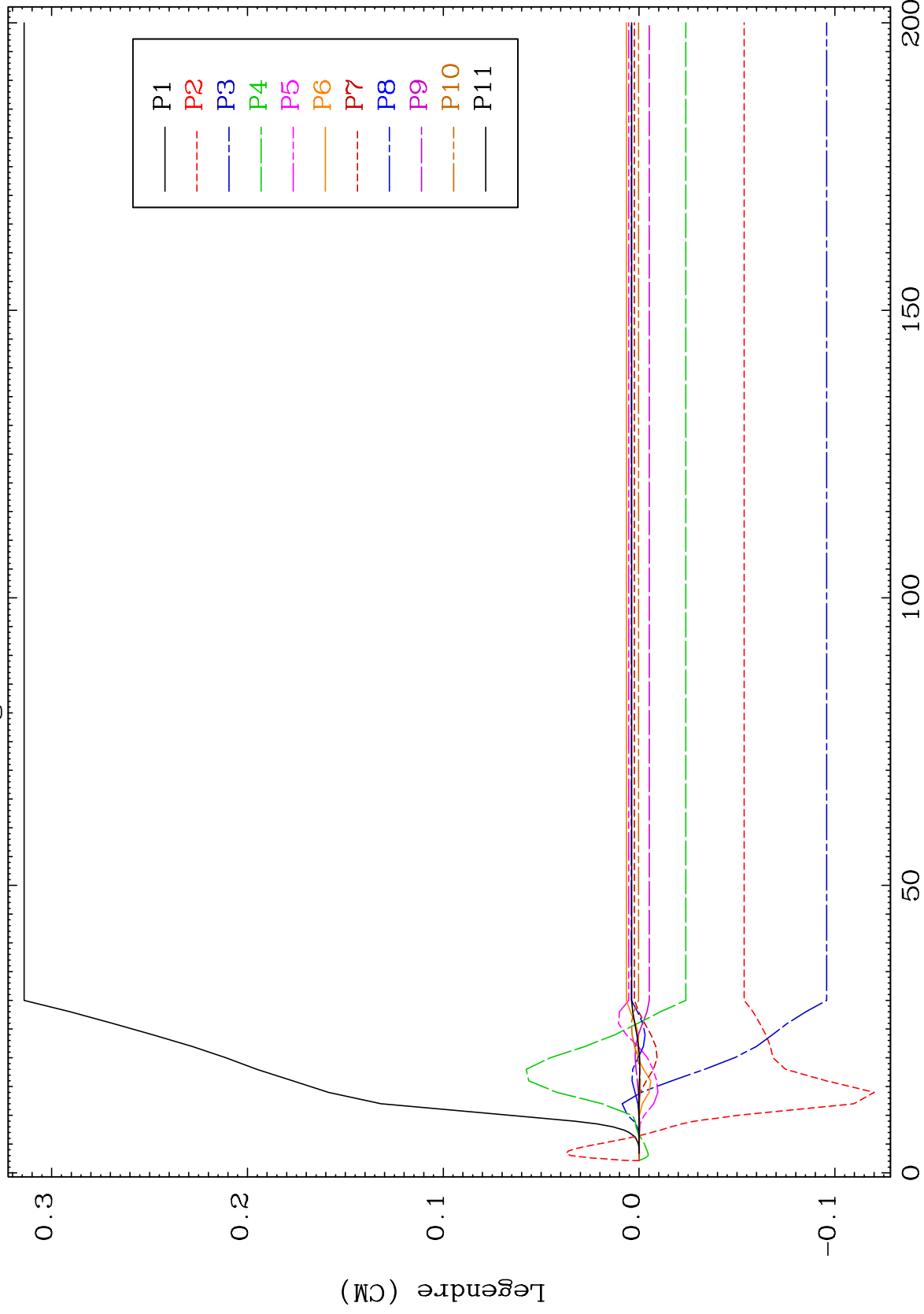
44-Ru-93



MAT 4416

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

44-Ru-93



43

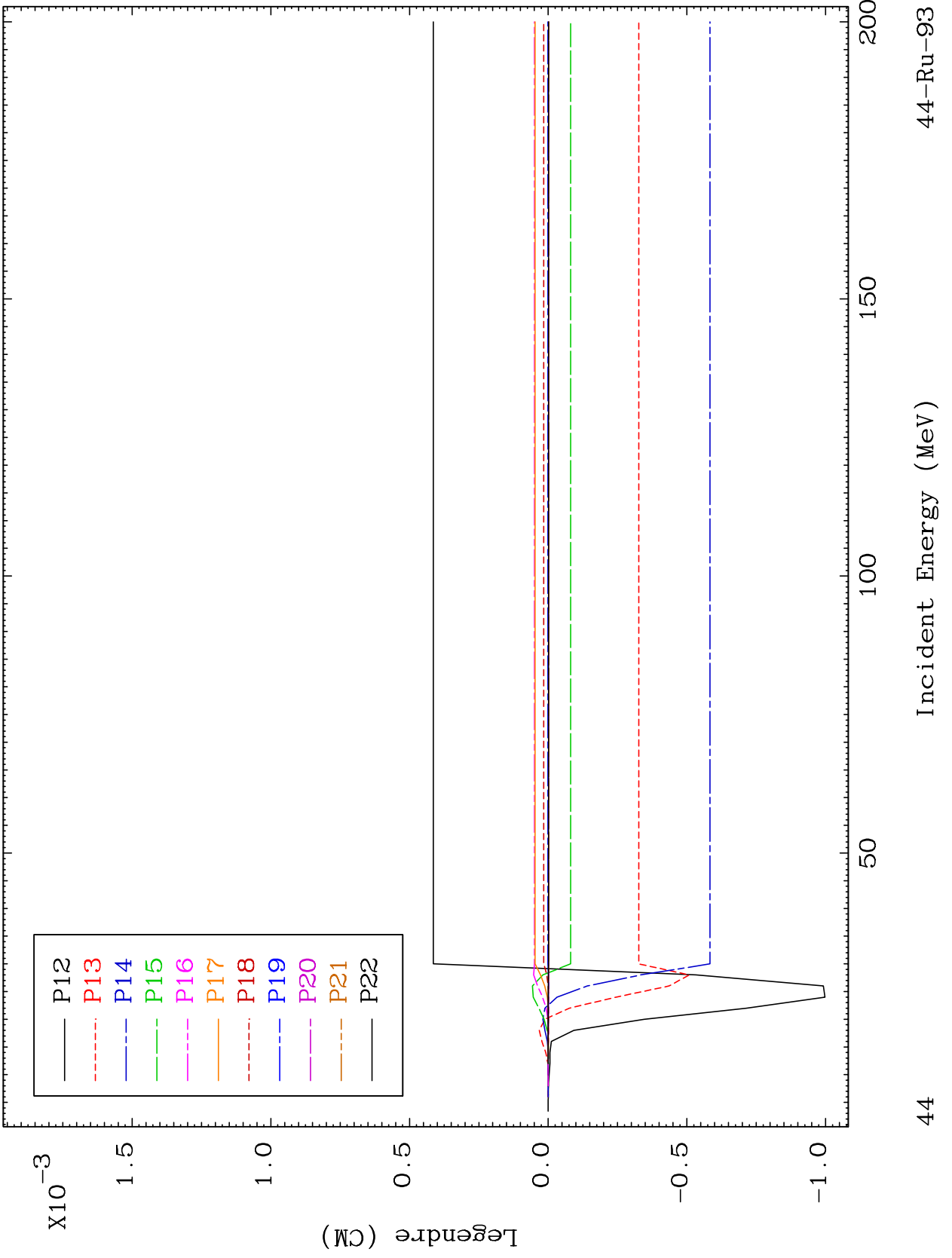
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



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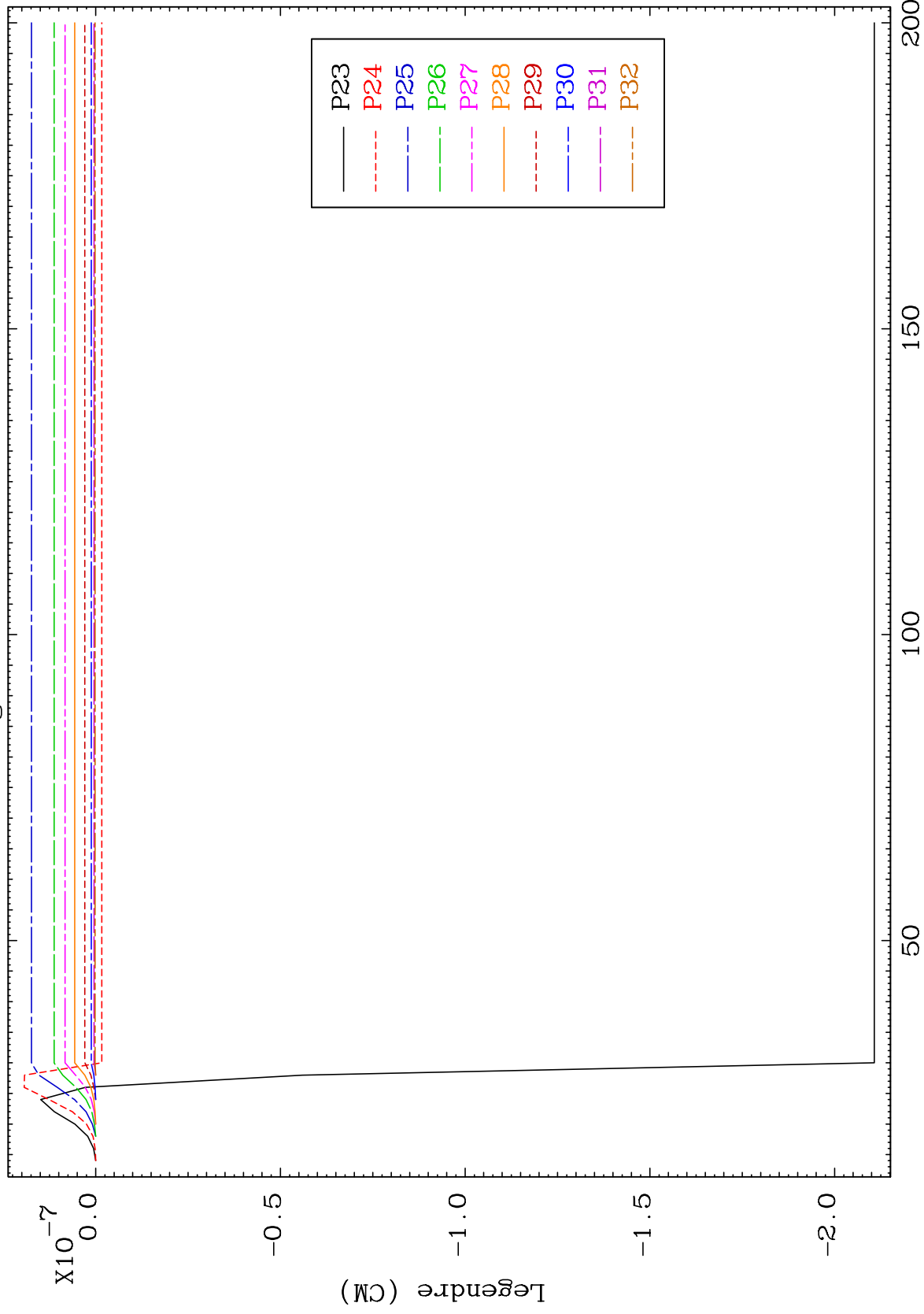
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



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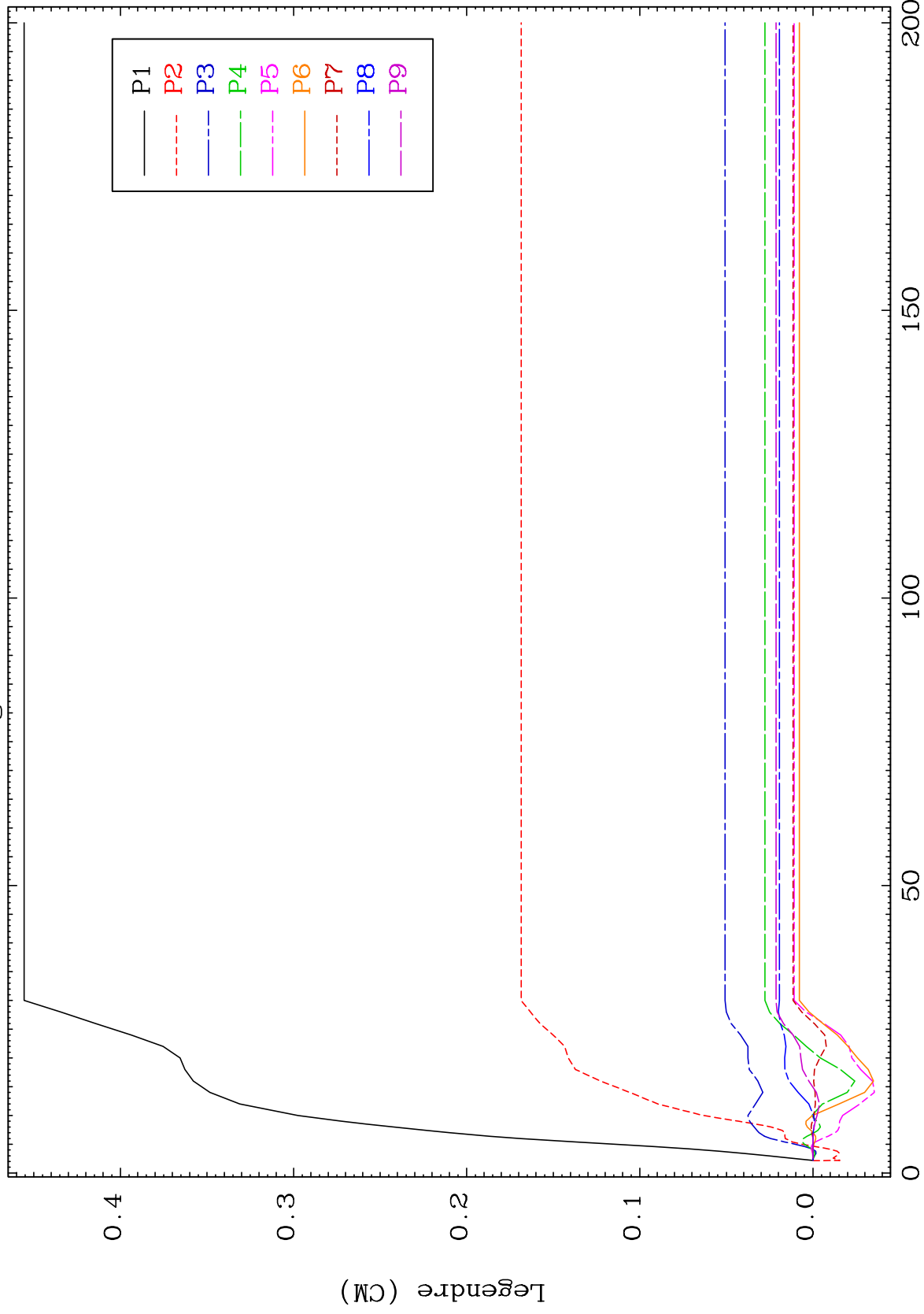
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



46

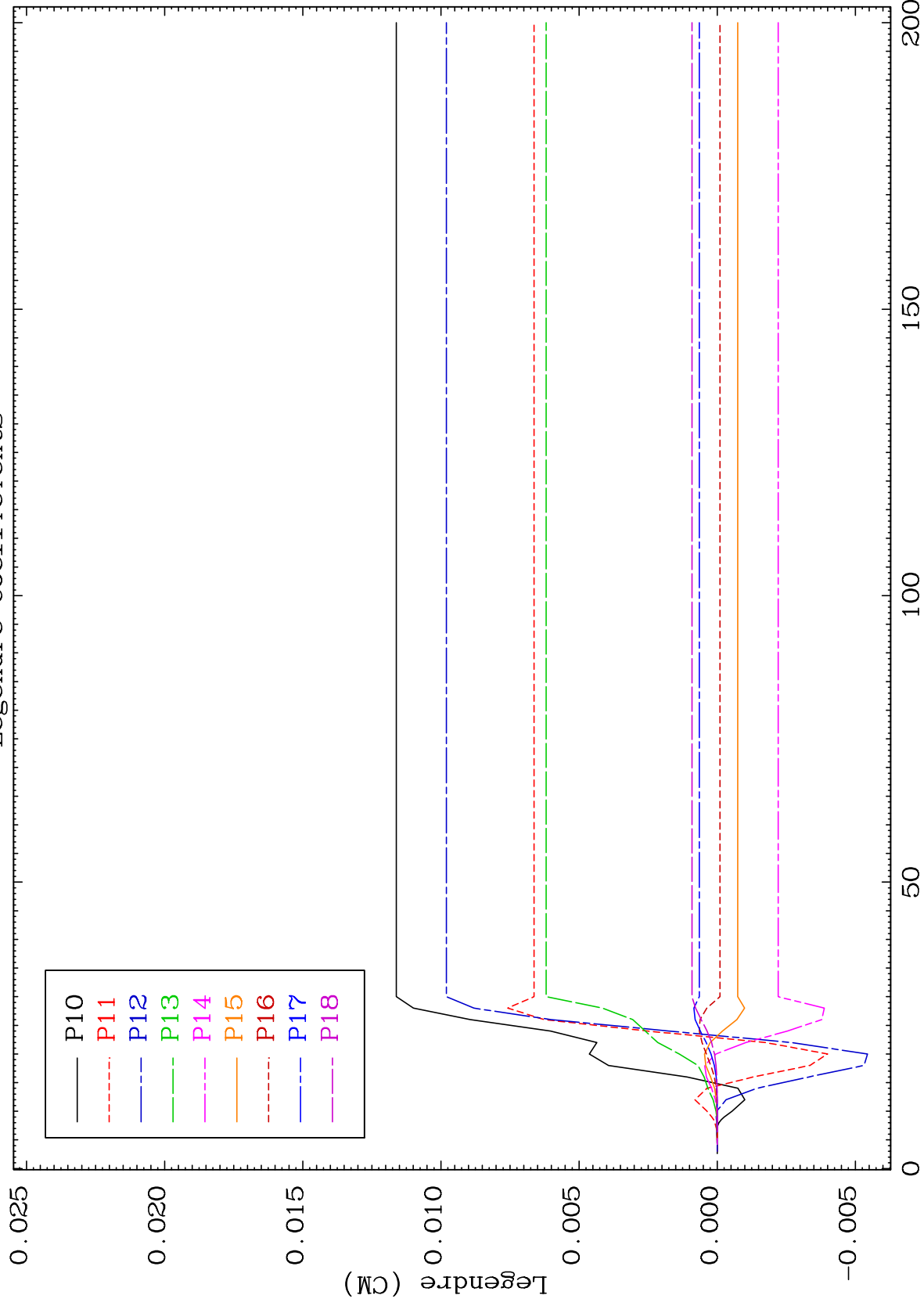
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



47

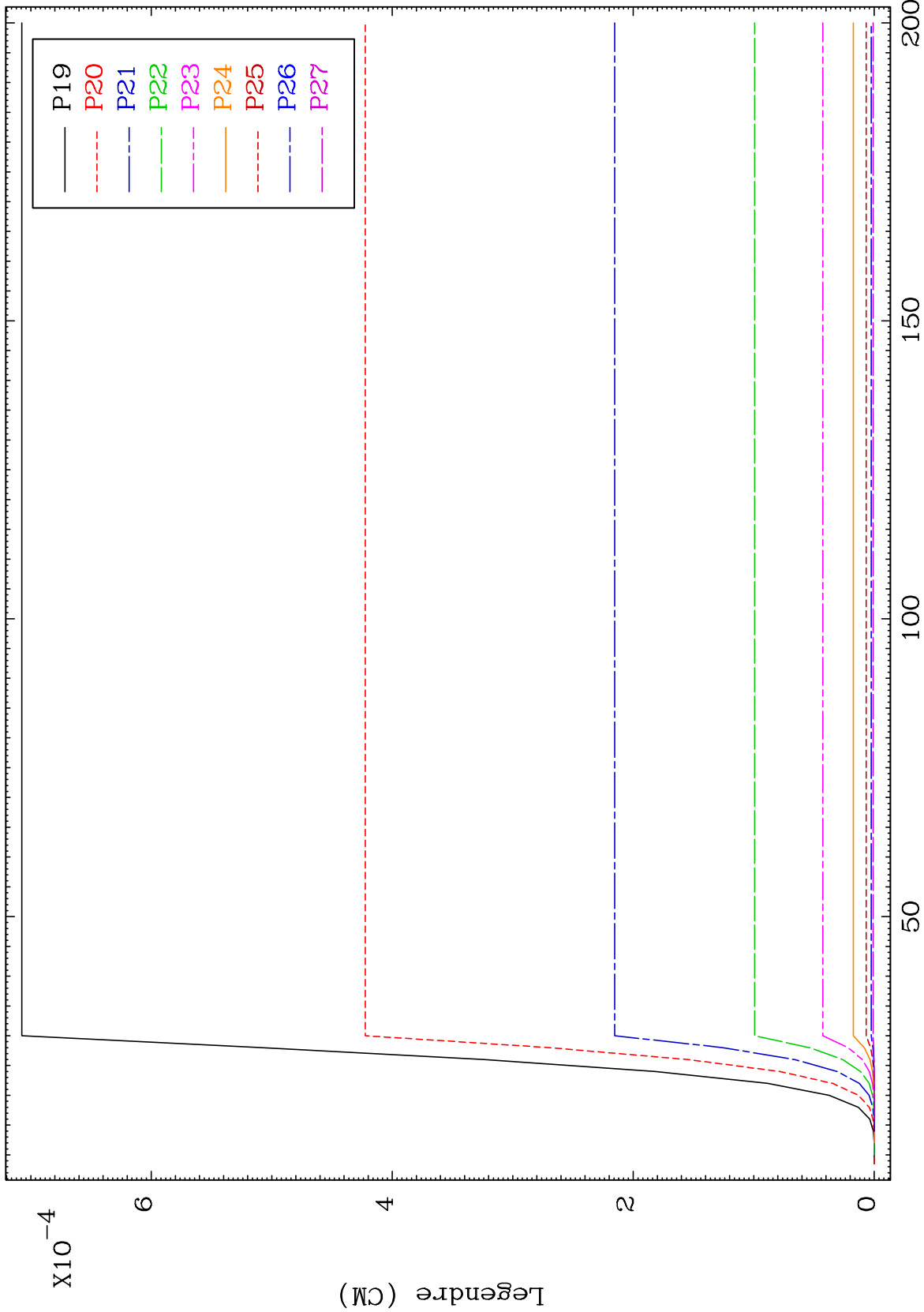
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



48

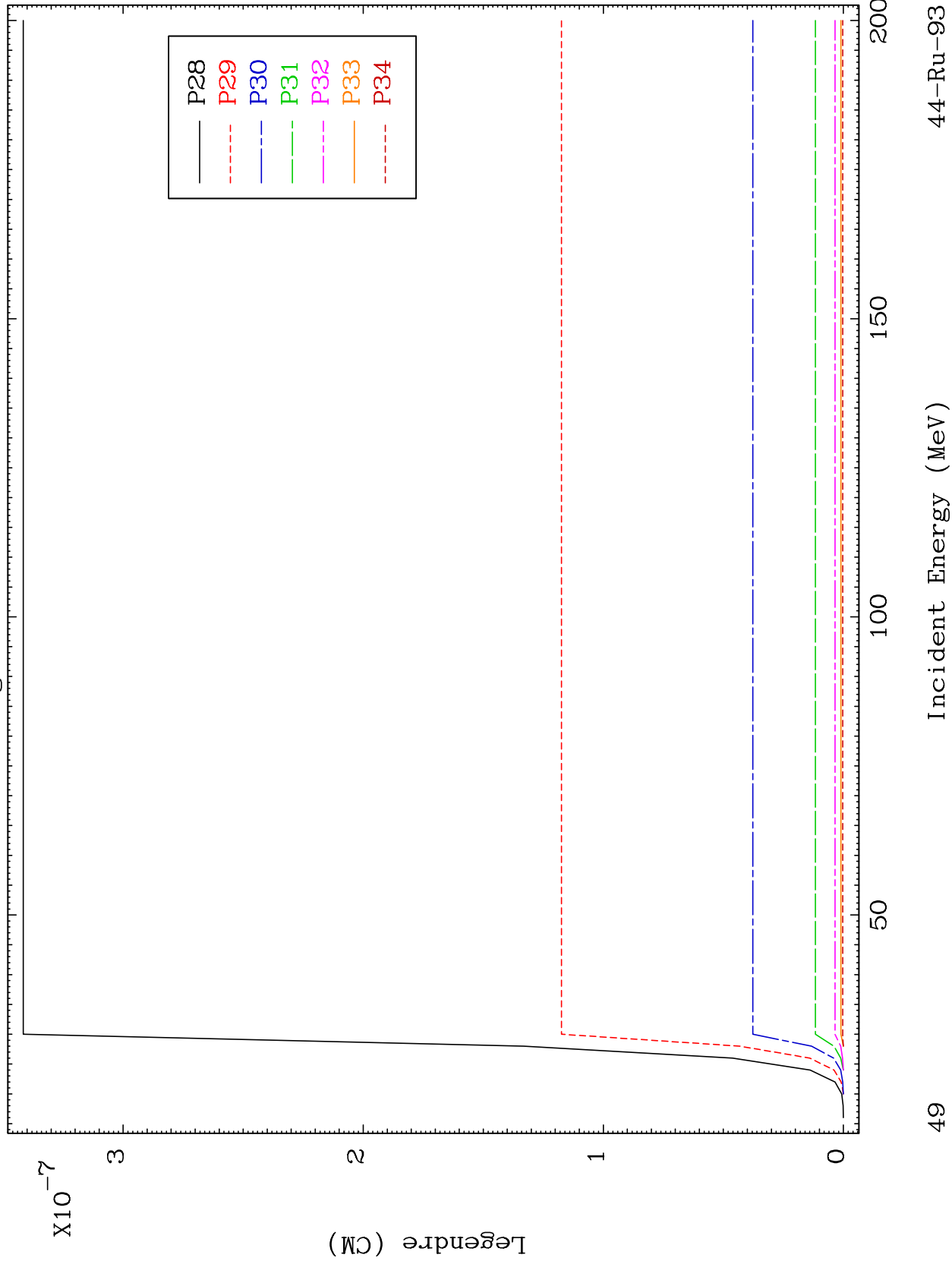
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

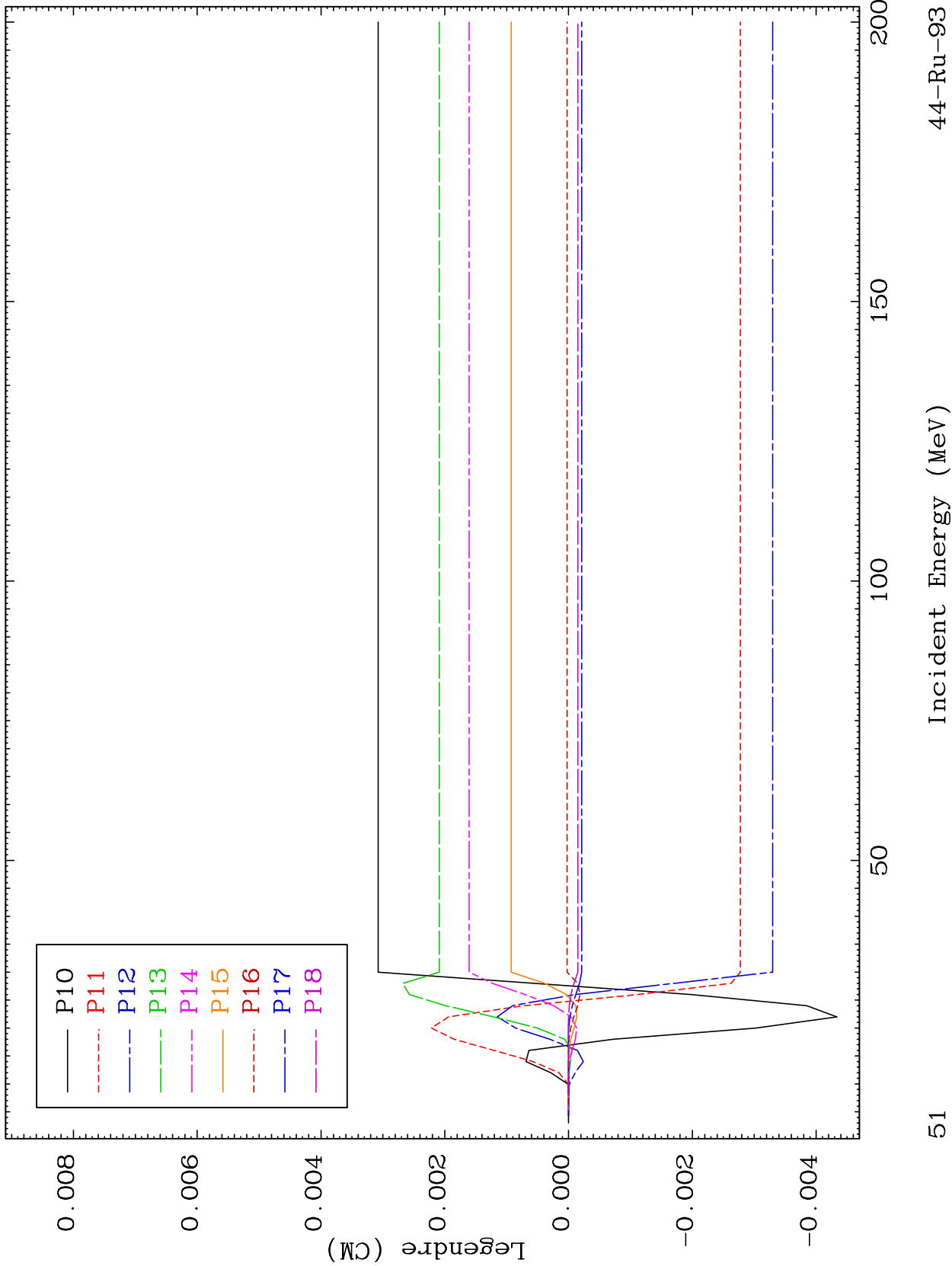
44-Ru-93



MAT 4416

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

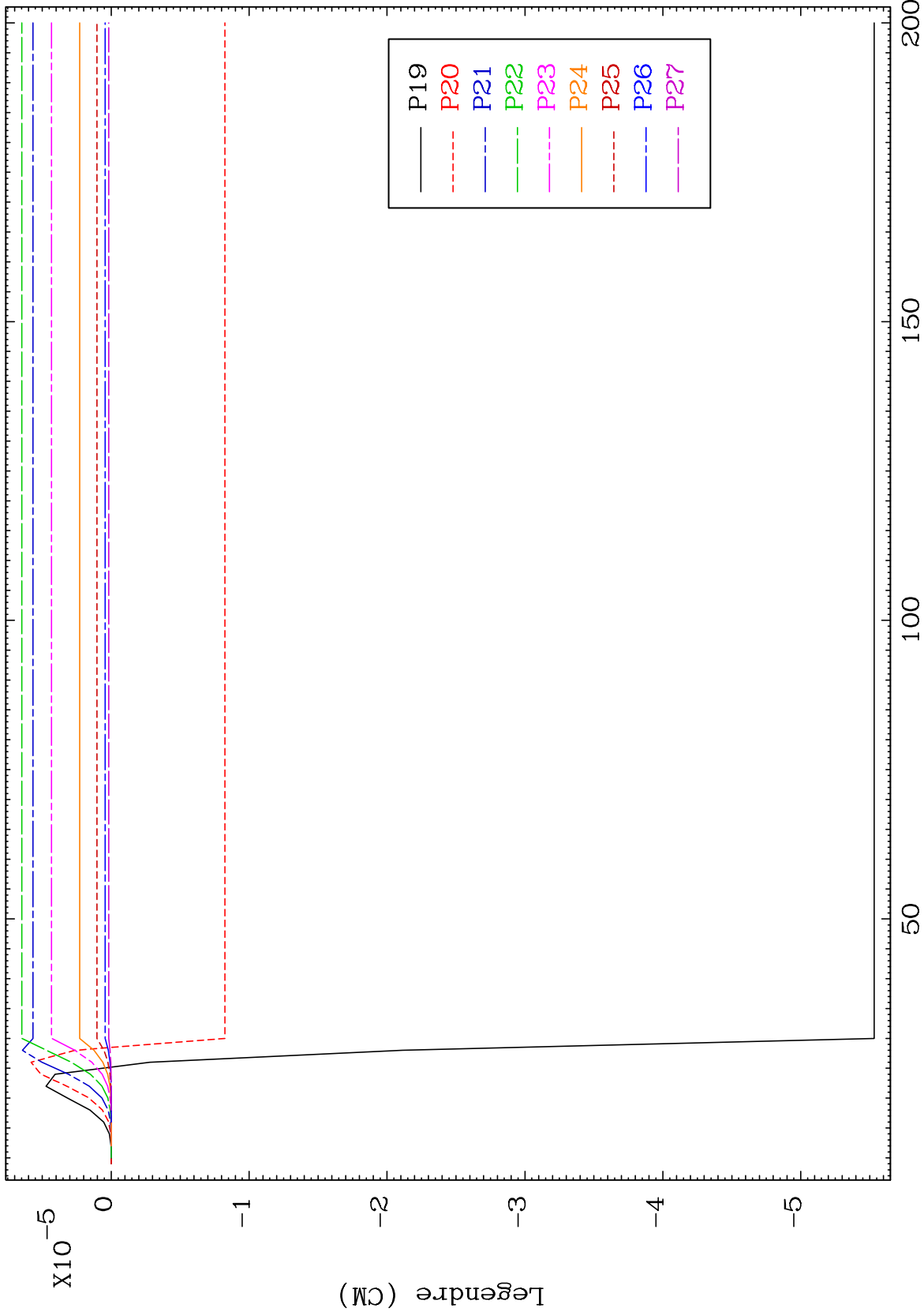
44-Ru-93



MAT 4416

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

44-Ru-93



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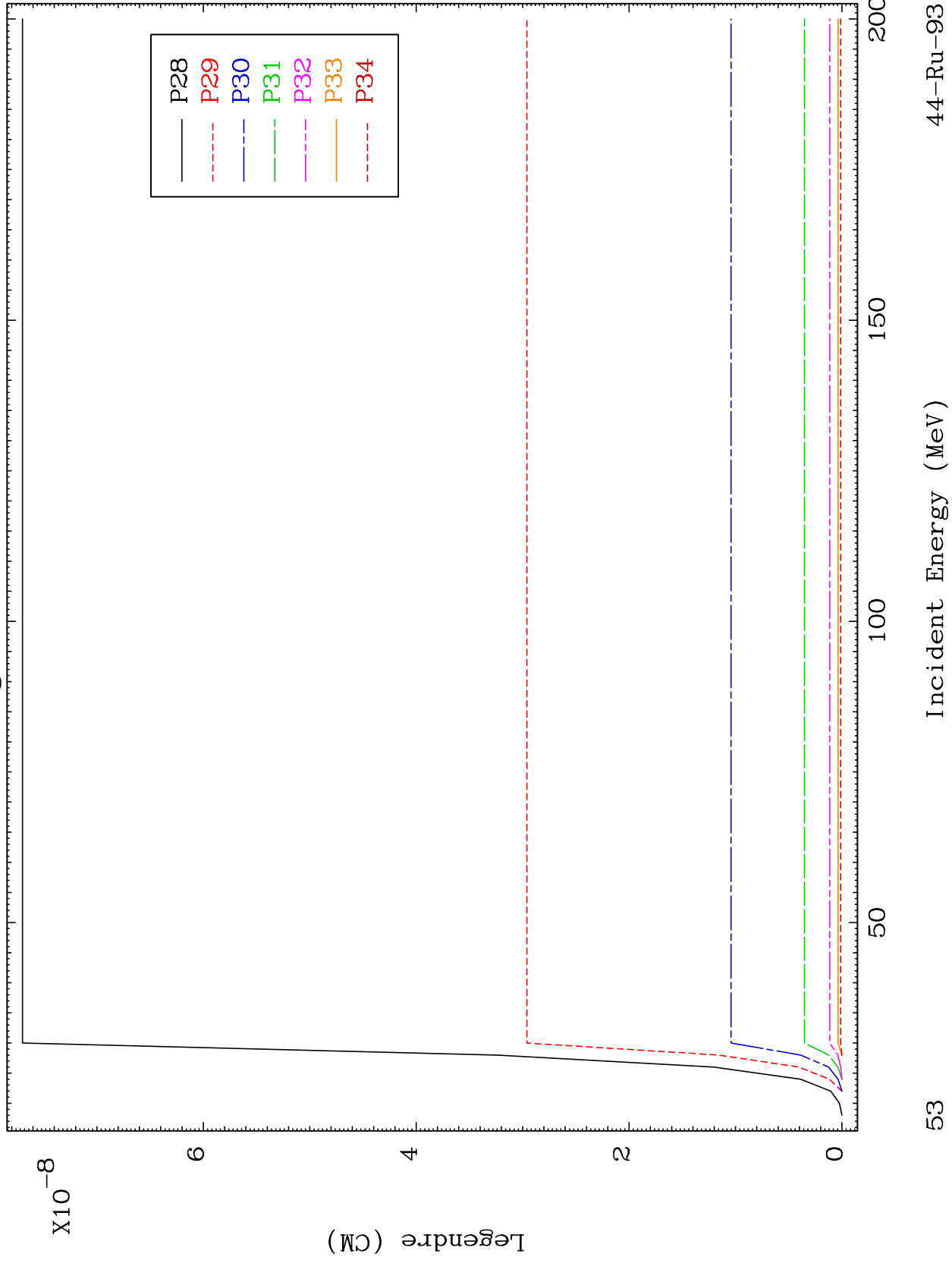
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

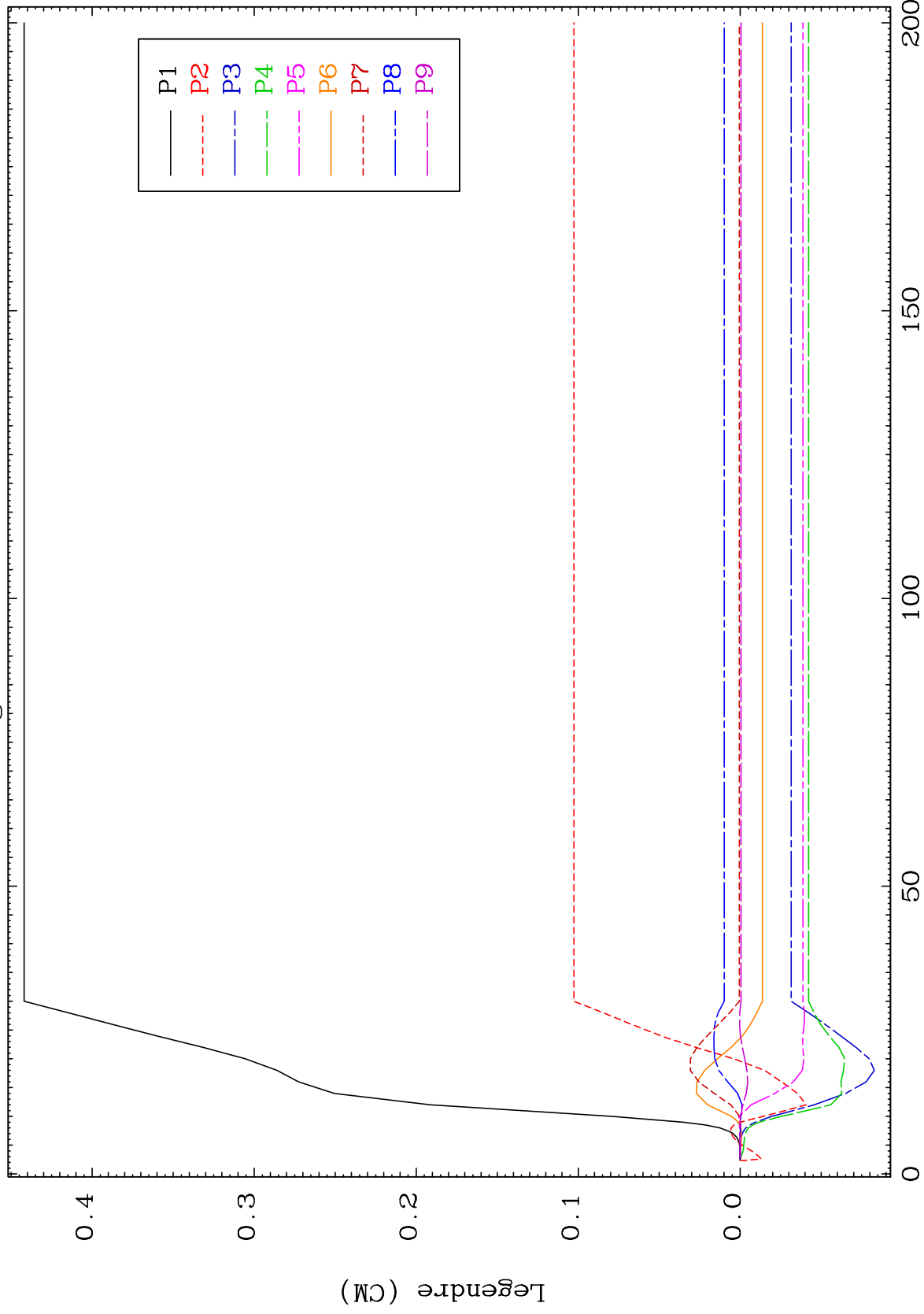
44-Ru-93



MAT 4416

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

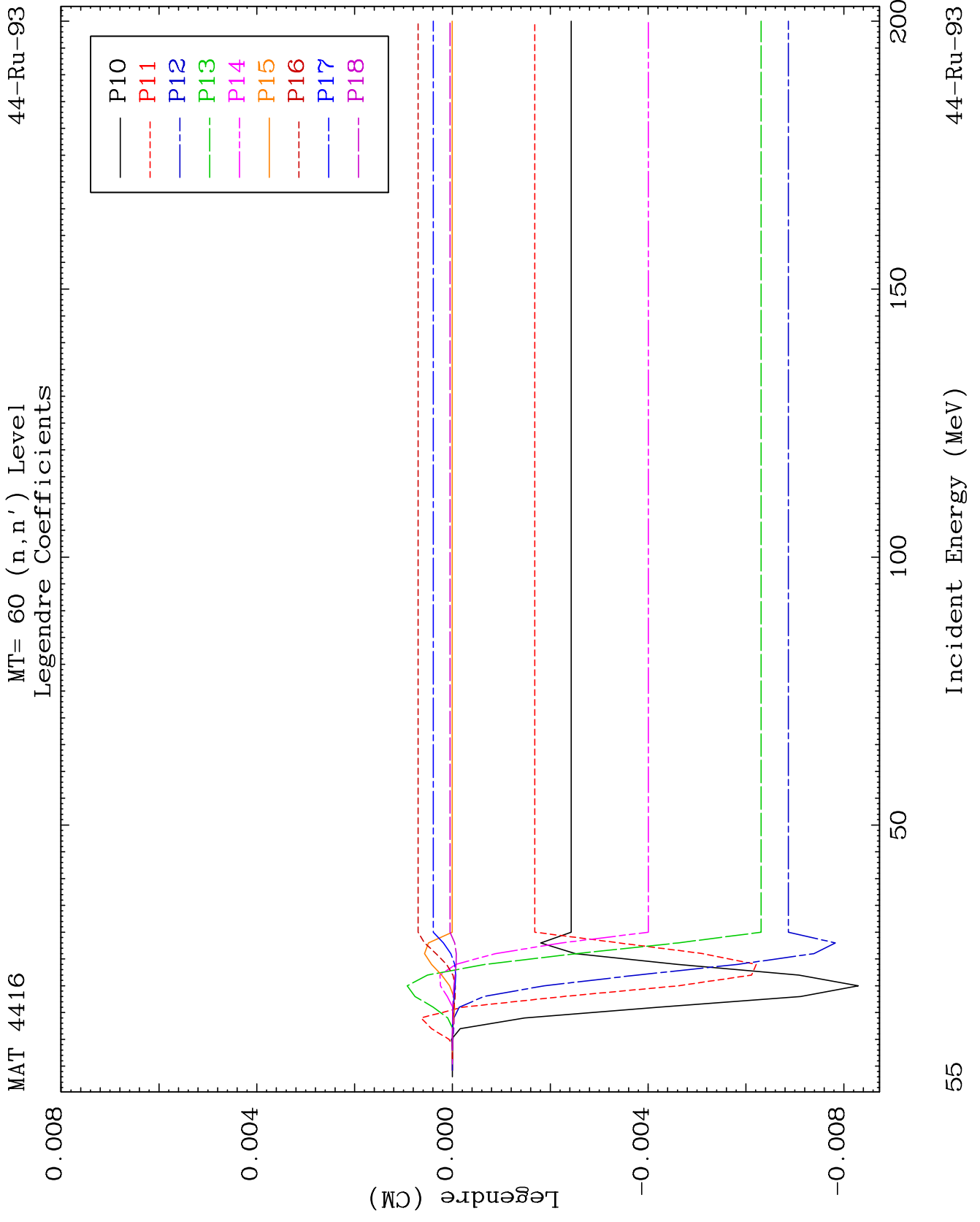
44-Ru-93



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Incident Energy (MeV)

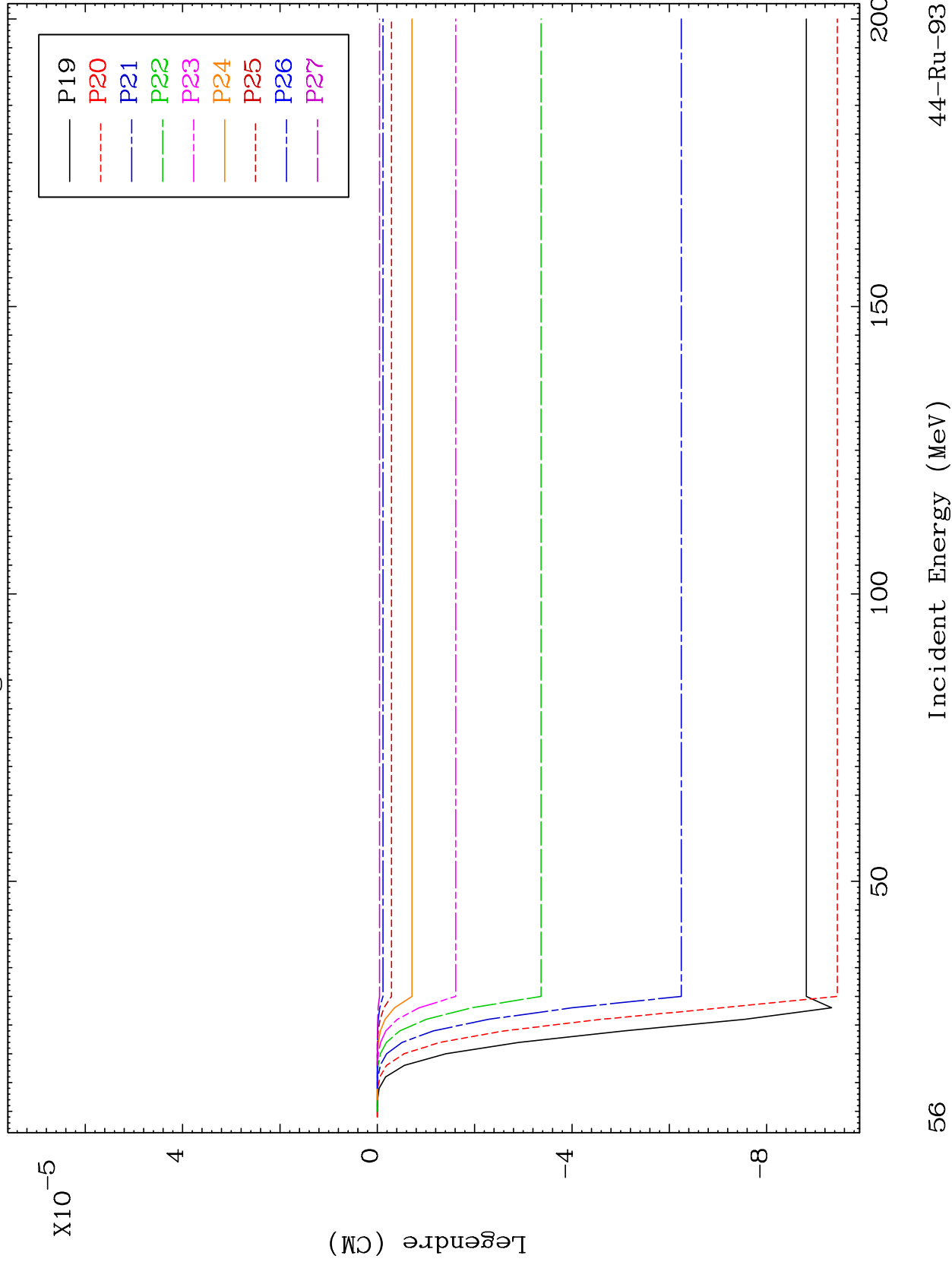
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MAT 4416

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

44-Ru-93



56

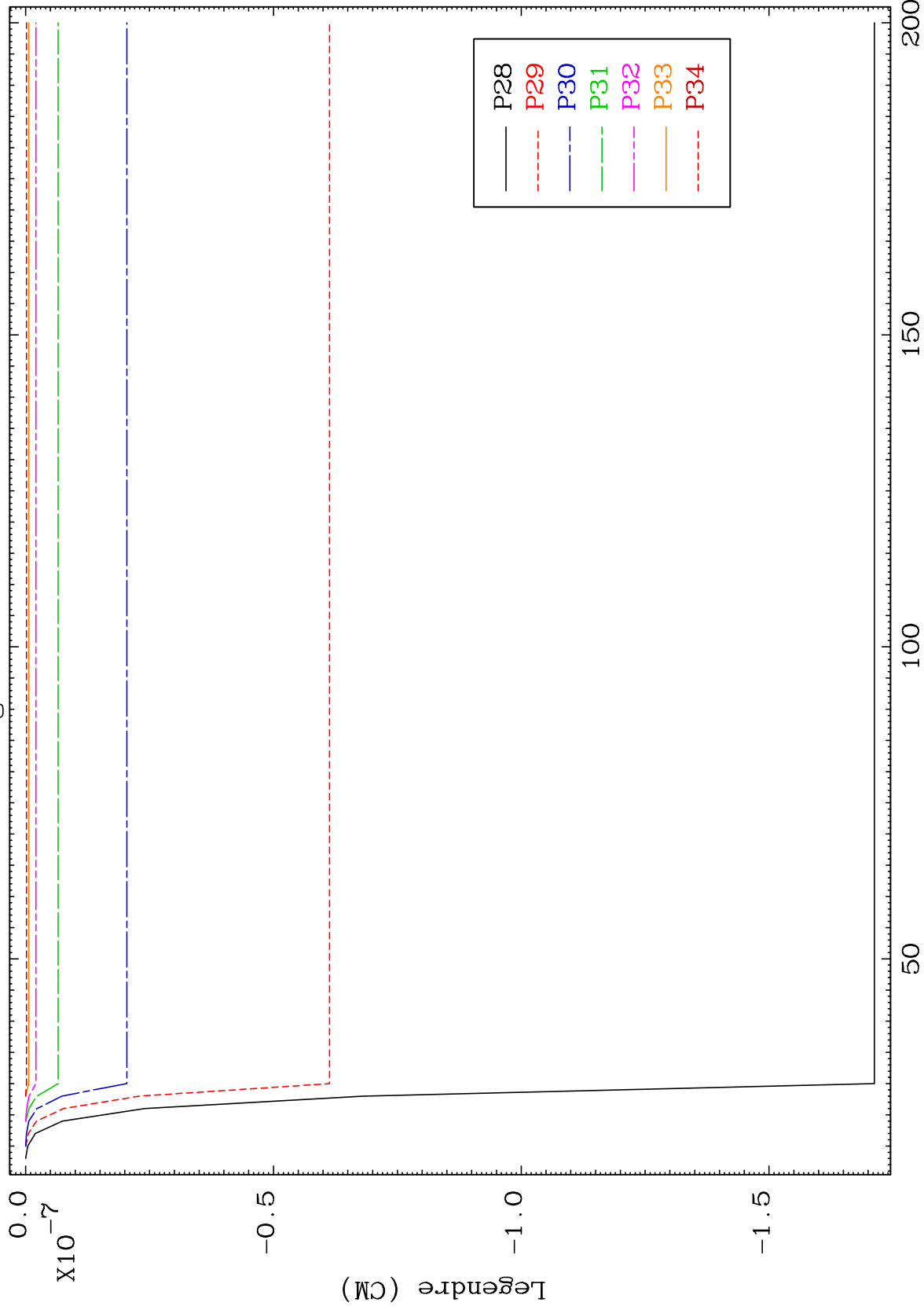
44-Ru-93

MAT 4416

MT= 60 (n,n') Level

44-Ru-93

Legendre Coefficients



44-Ru-93

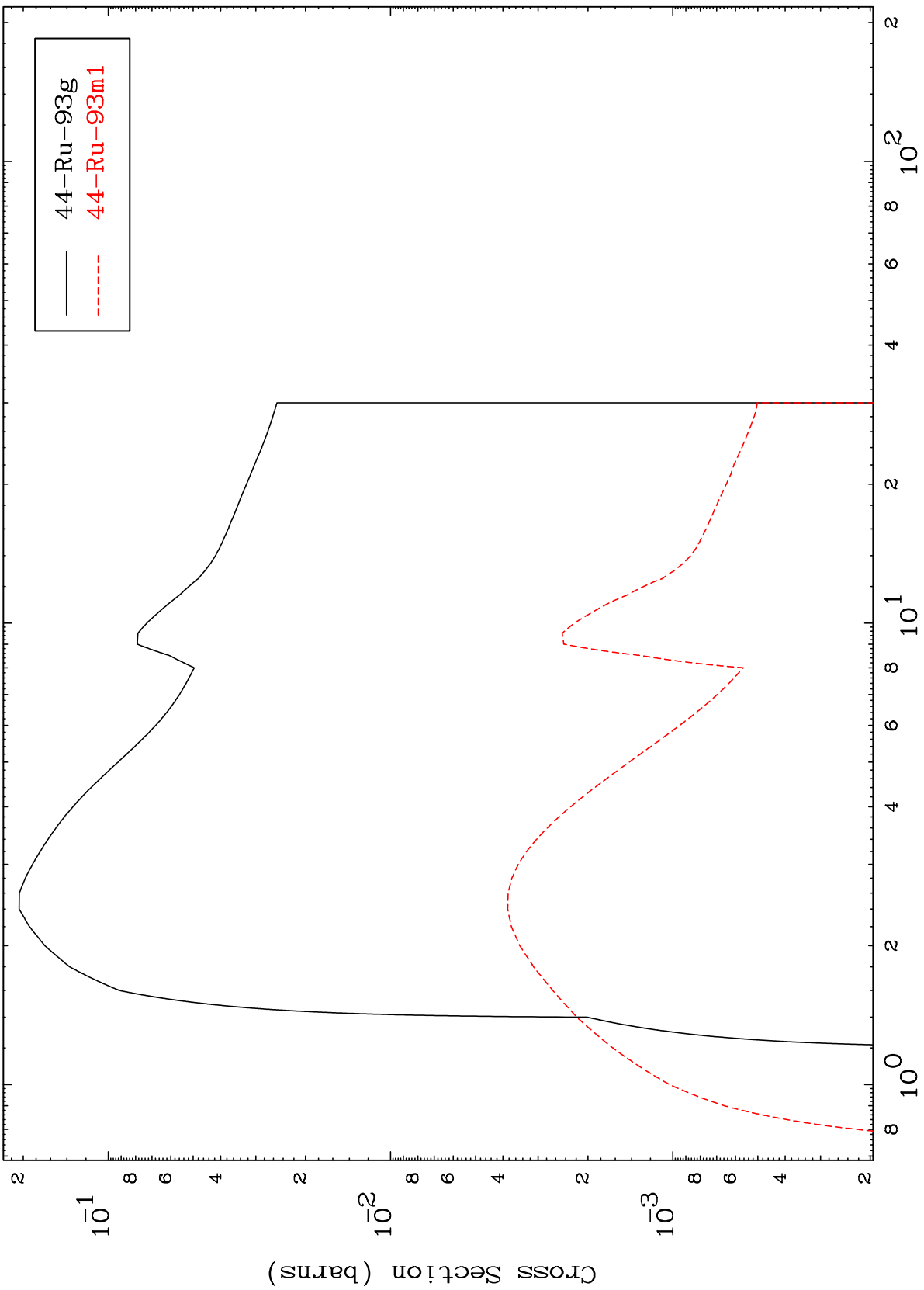
Incident Energy (MeV)

57

MAT 4416

44-Ru-93

Inelastic
Radionuclide Production Cross Section

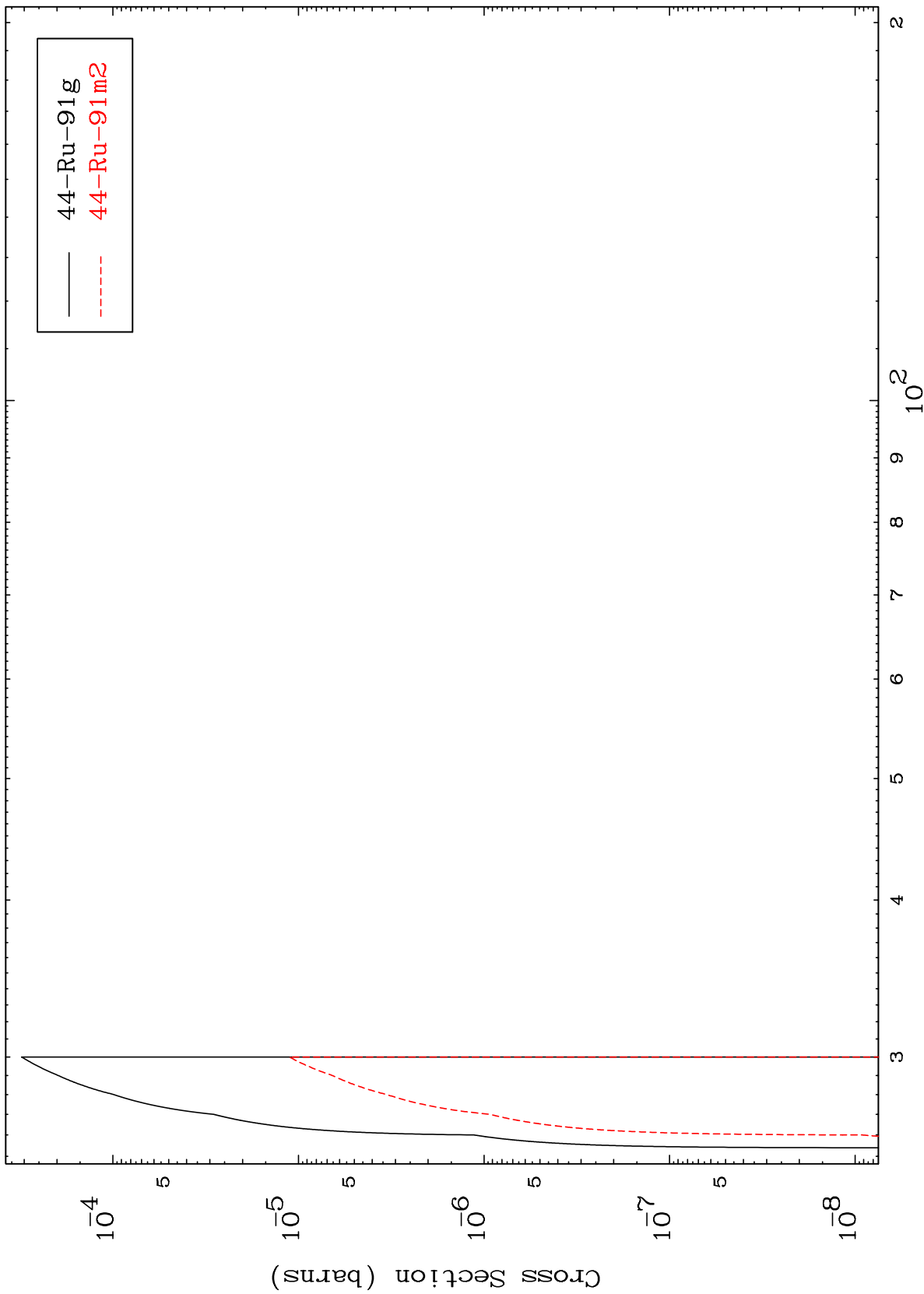


58

Incident Energy (MeV)

44-Ru-93

(n,3n)
Radionuclide Production Cross Section

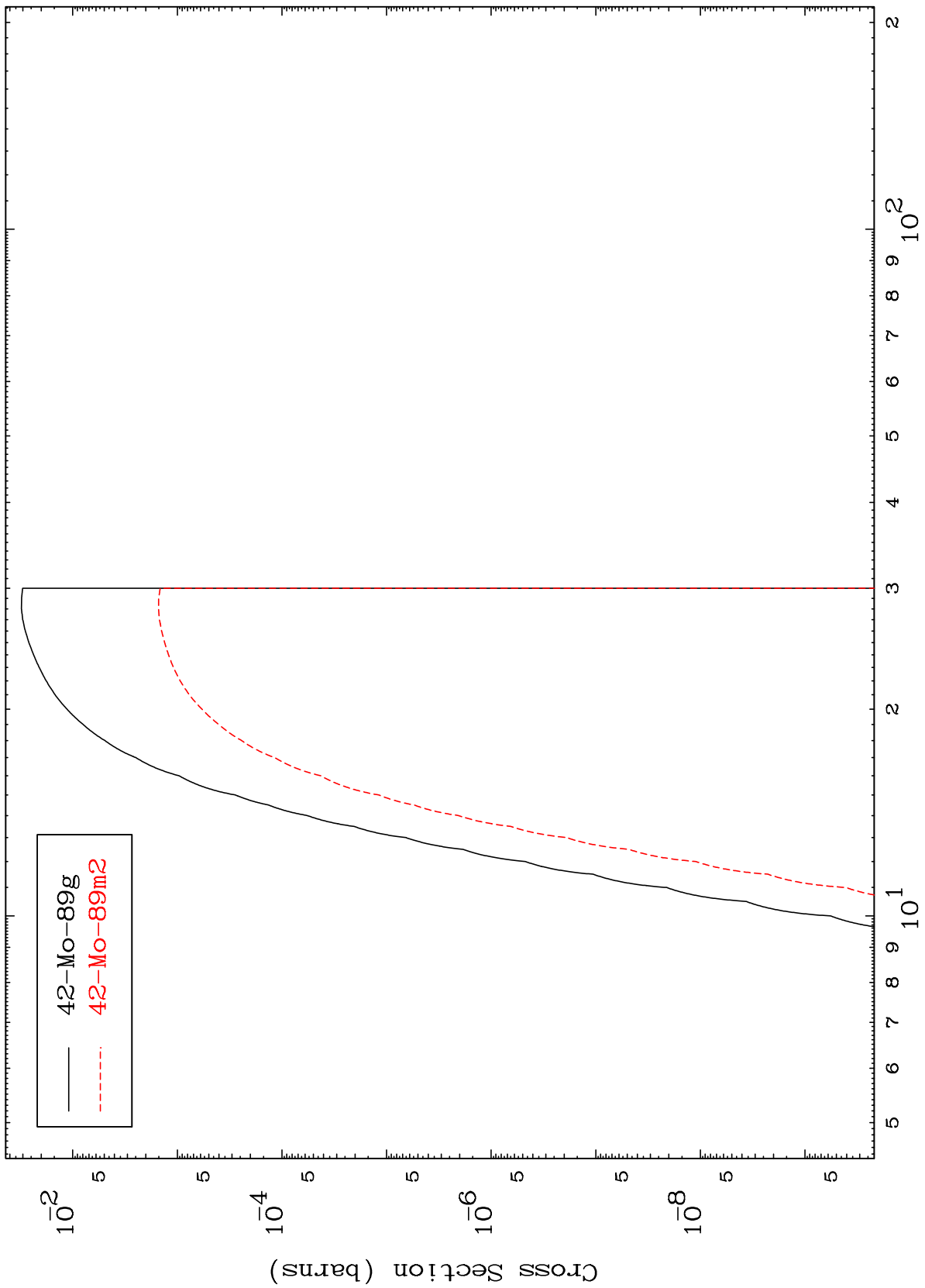


MAT 4416

(n,n') α

44-Ru-93

Radionuclide Production Cross Section



60

Incident Energy (MeV)

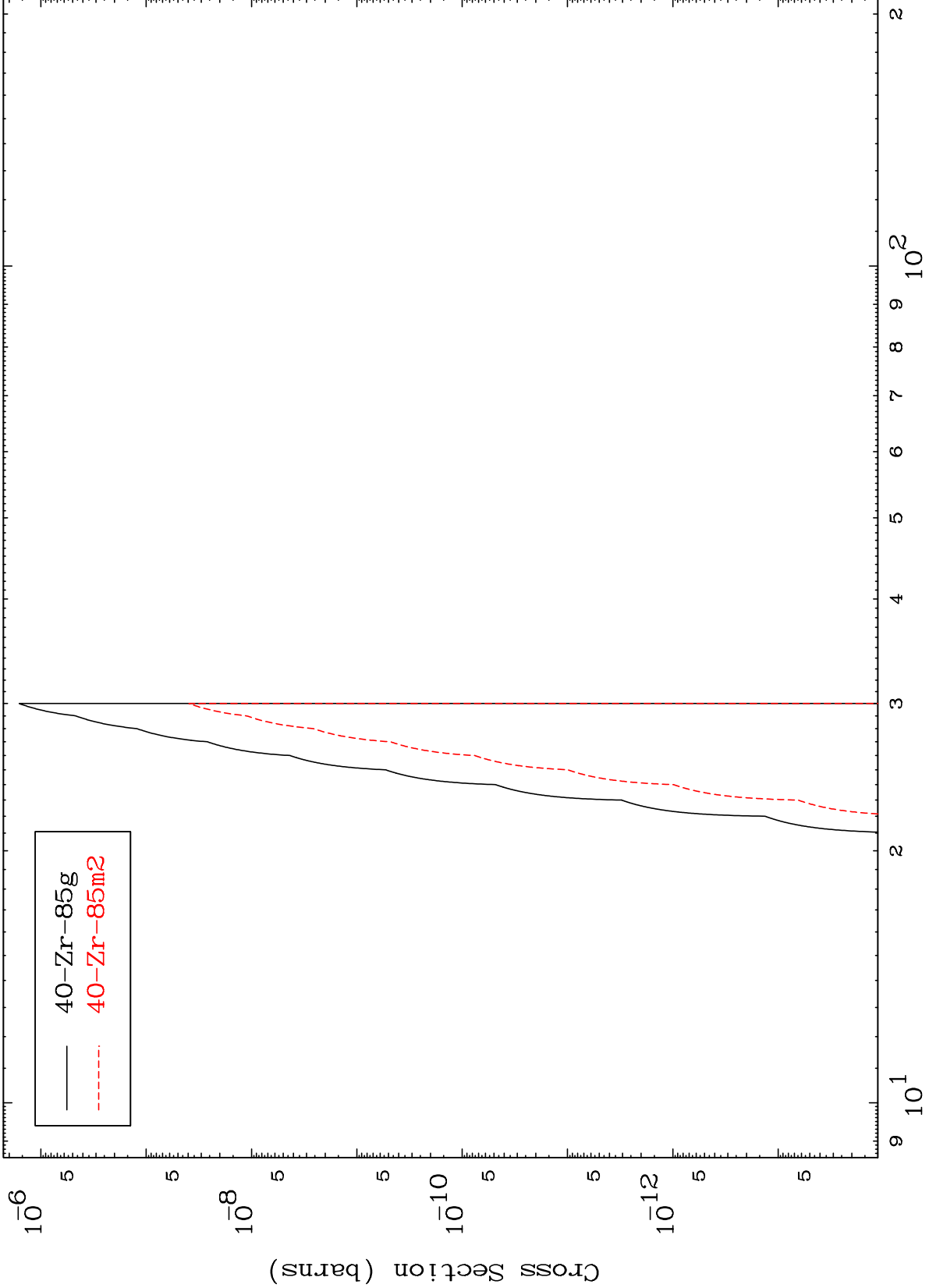
44-Ru-93

MAT 4416

(n,n') 2α

44-Ru-93

Radionuclide Production Cross Section



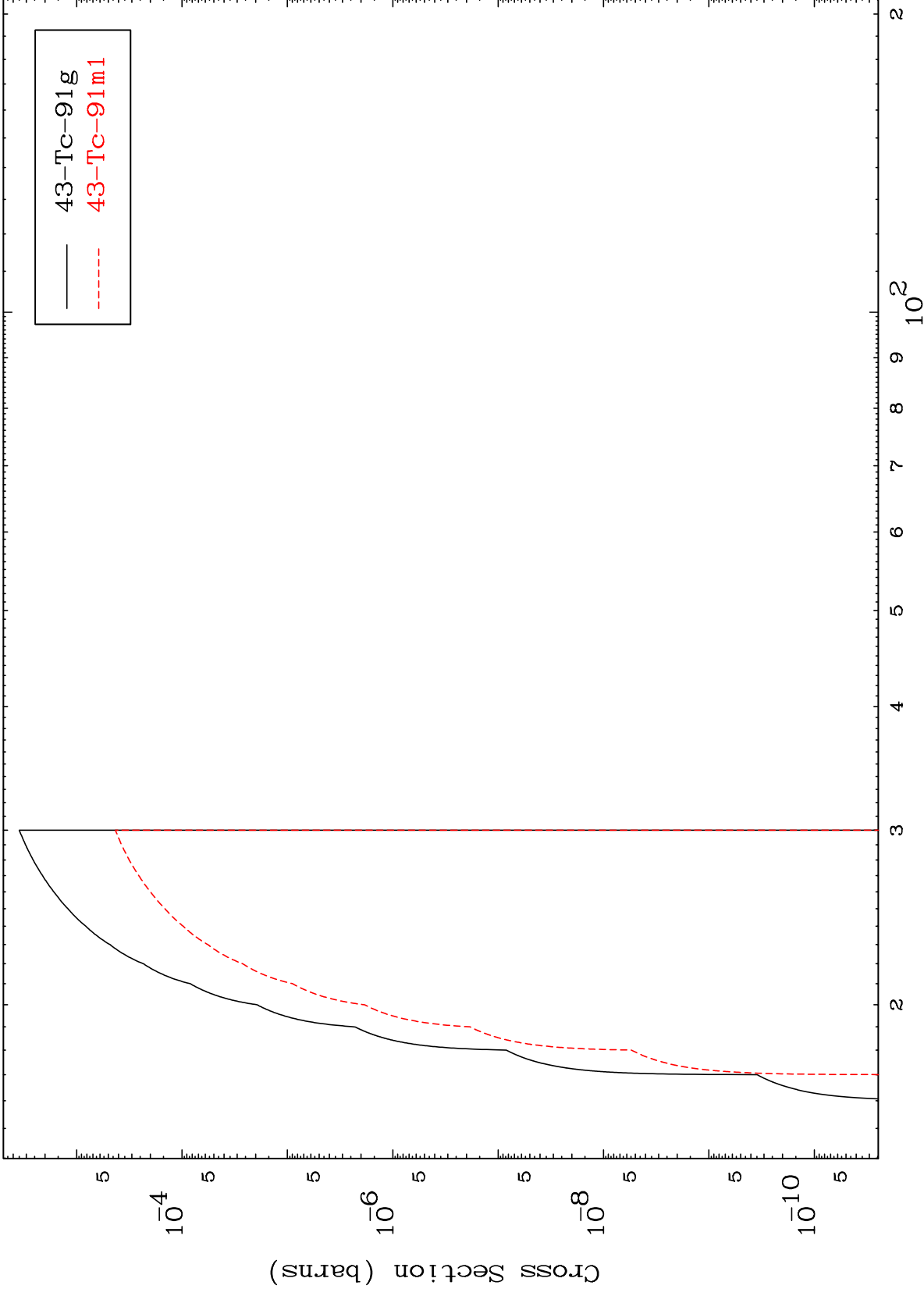
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- - - 40-Zr-85m2

61

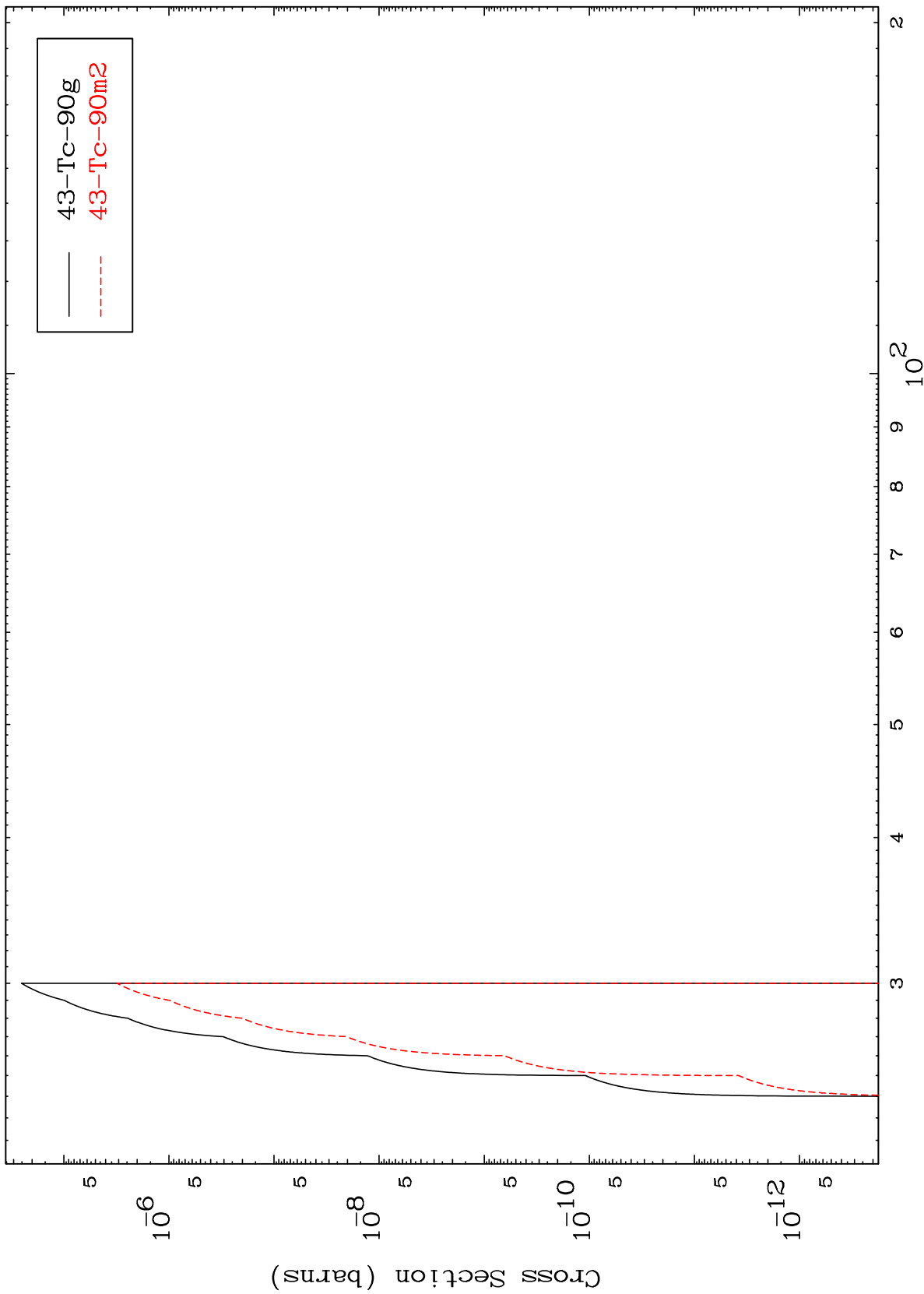
Incident Energy (MeV)

44-Ru-93

Radionuclide Production Cross Section



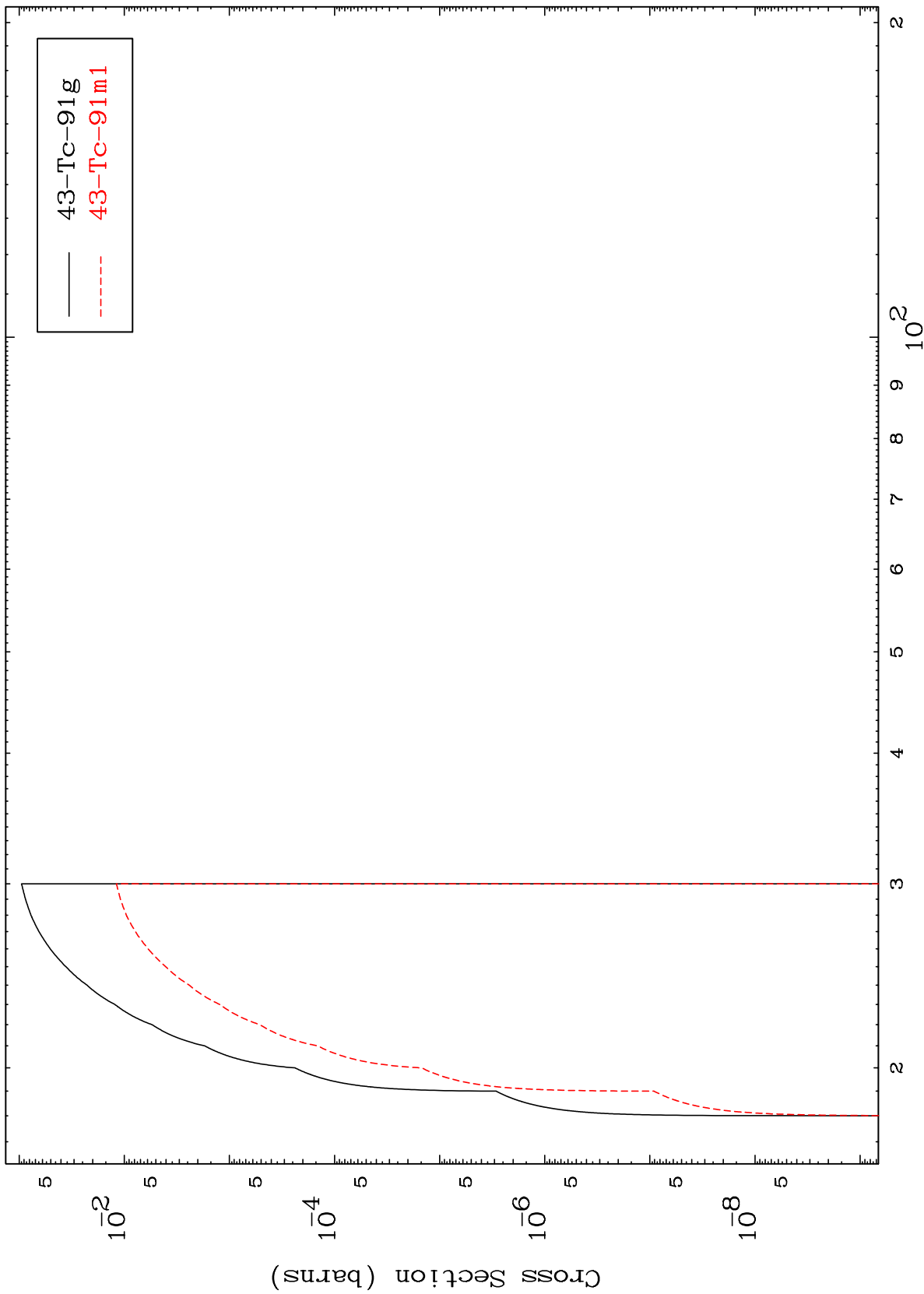
Radionuclide Production Cross Section



MAT 4416

44-Ru-93

(n,2n) p
Radionuclide Production Cross Section



64

Incident Energy (MeV)

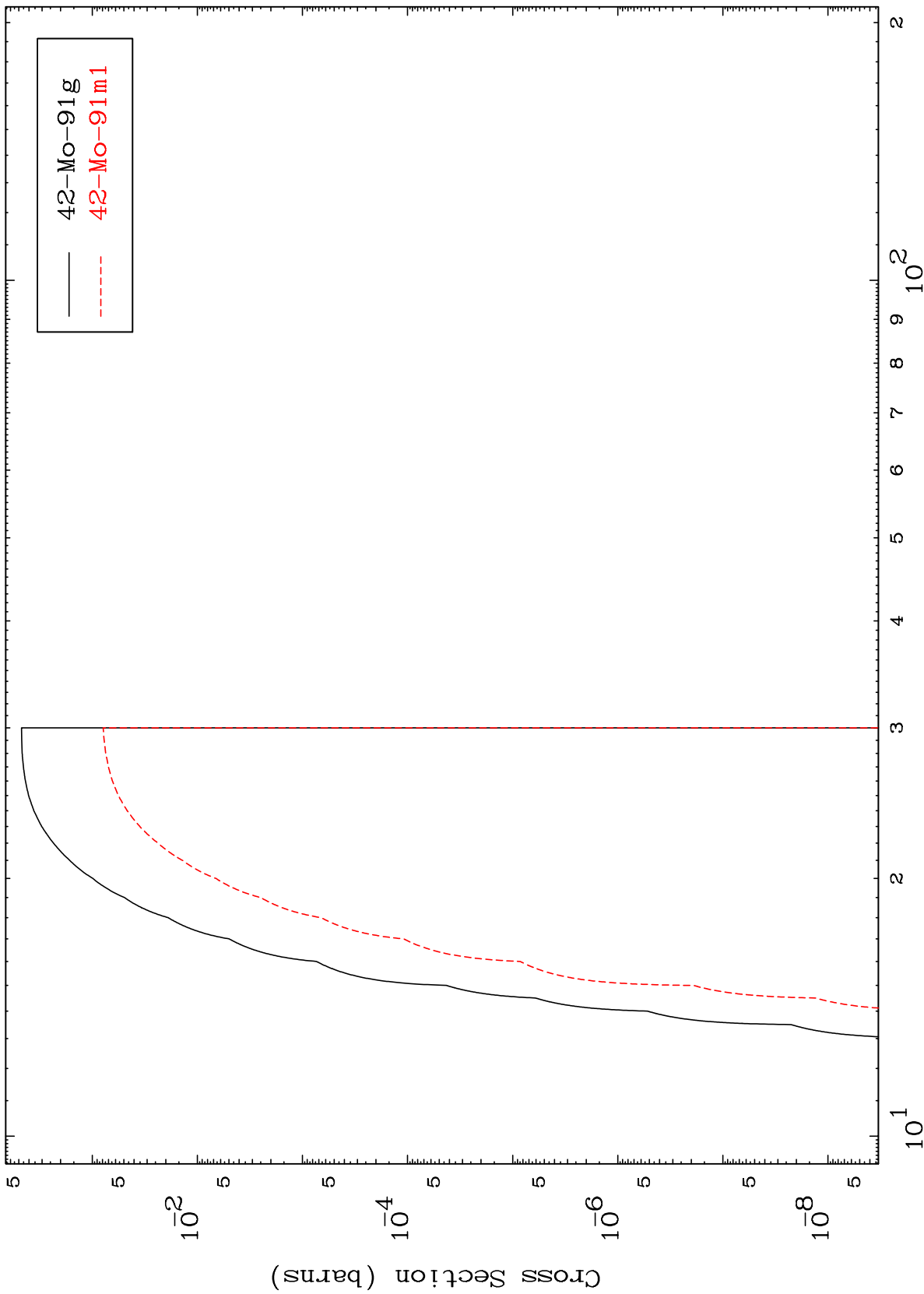
44-Ru-93

MAT 4416

(n,2n) p

44-Ru-93

Radionuclide Production Cross Section



42-Mo-91g
42-Mo-91m1

65

Incident Energy (MeV)

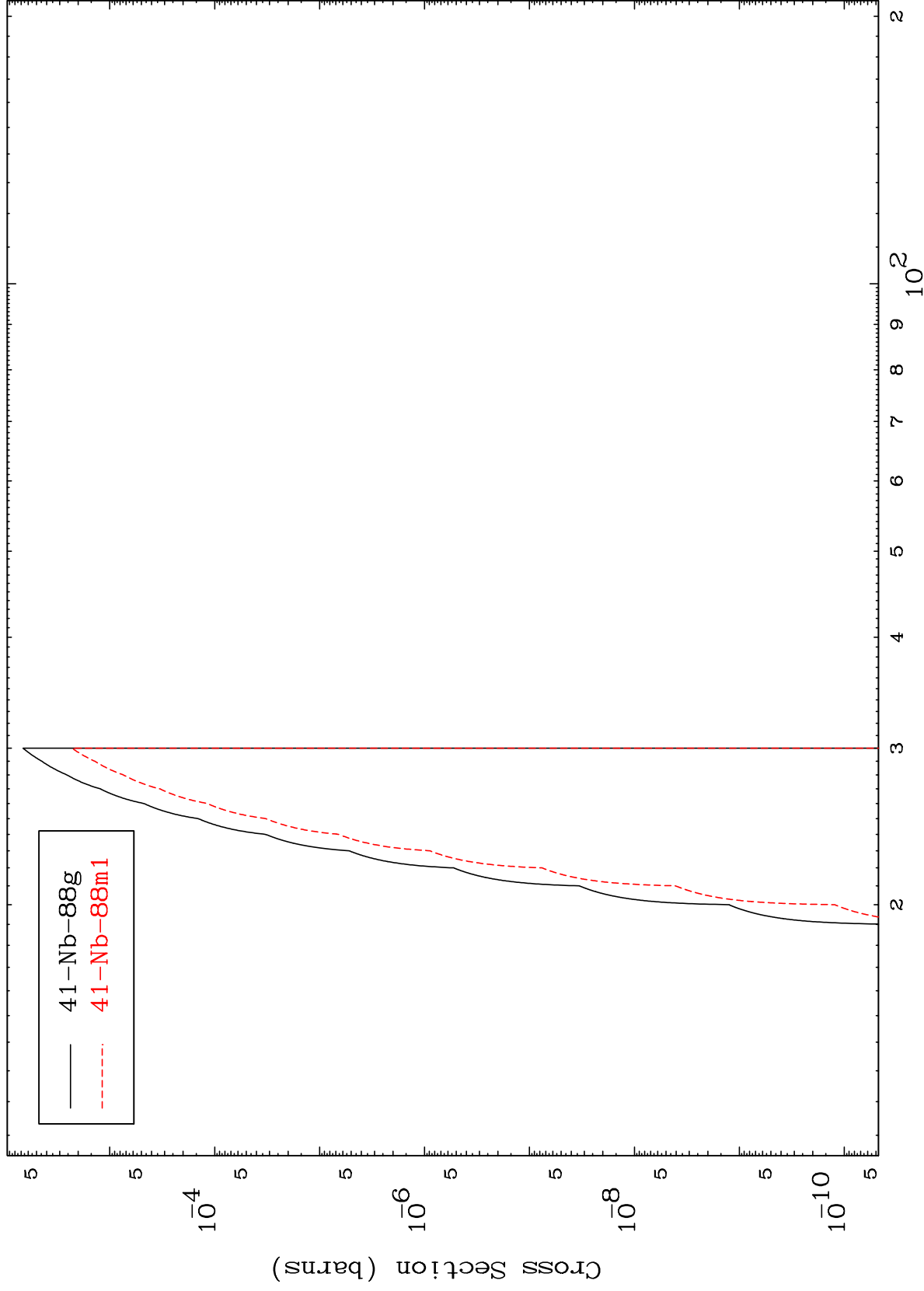
44-Ru-93

MAT 4416

(n,n') p α

44-Ru-93

Radionuclide Production Cross Section



66

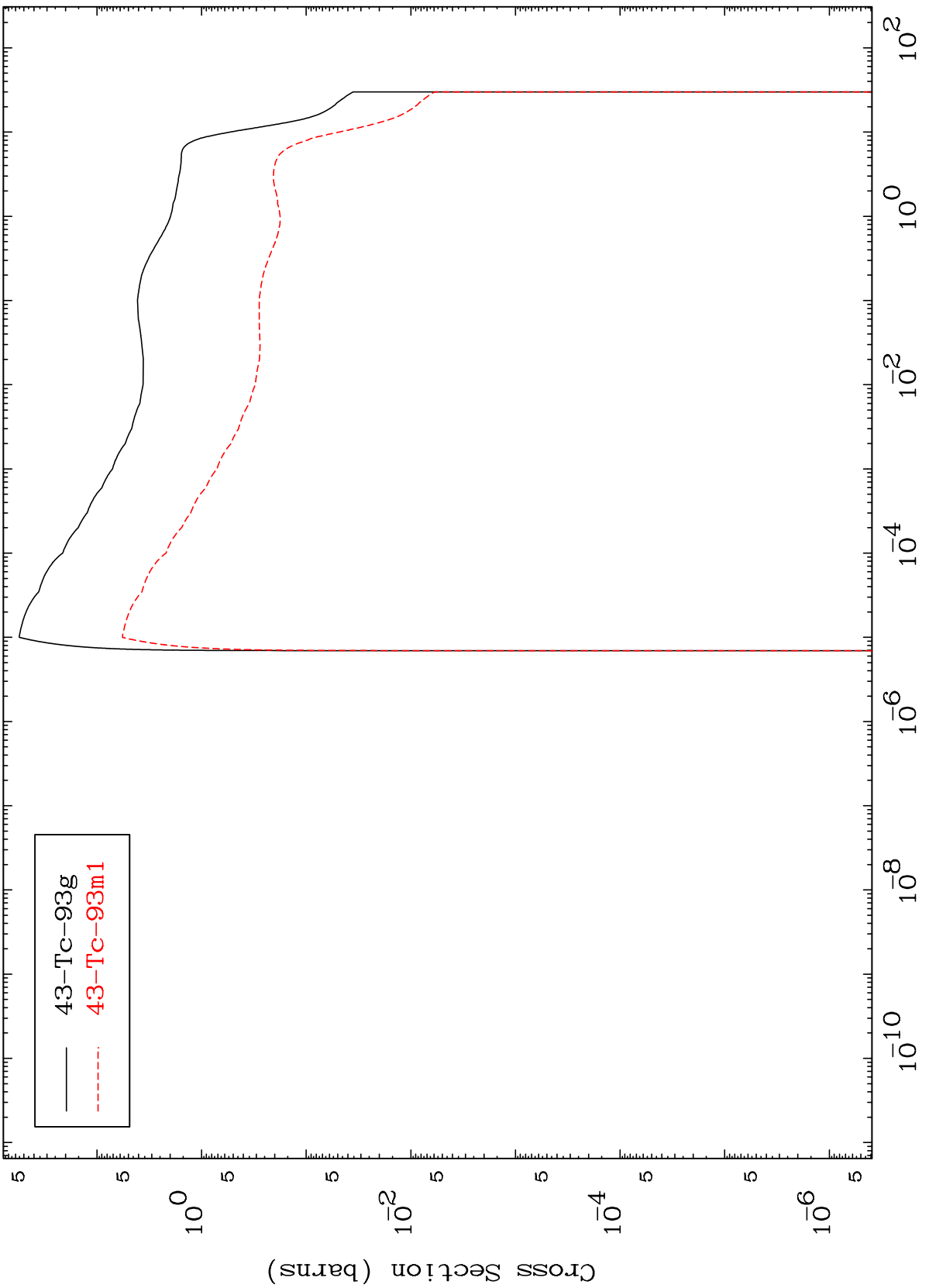
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

(n,p)
Radionuclide Production Cross Section



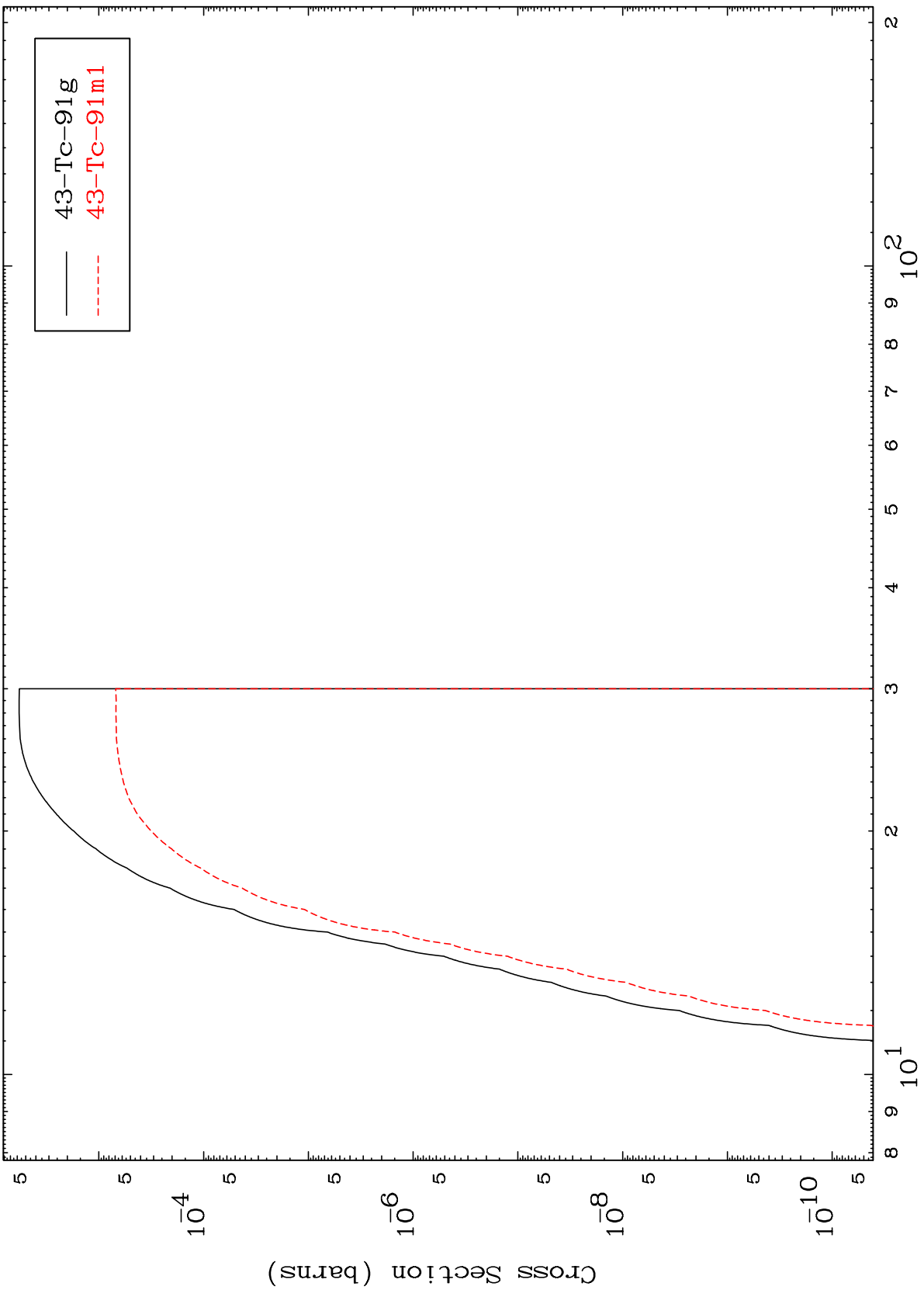
67

44-Ru-93

MAT 4416

44-Ru-93

(n, t)
Radionuclide Production Cross Section



68

Incident Energy (MeV)

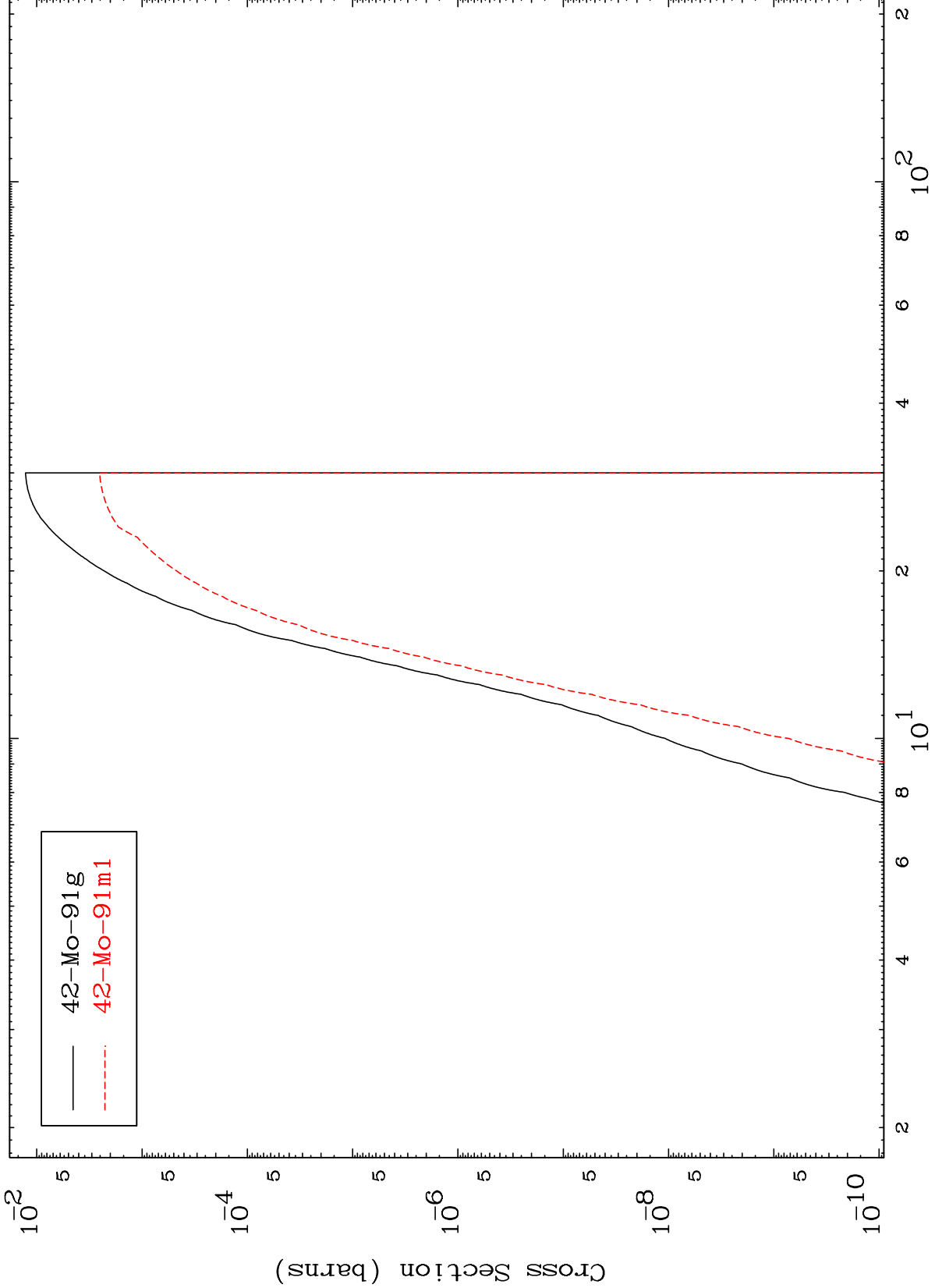
44-Ru-93

MAT 4416

(n,He-3)

44-Ru-93

Radionuclide Production Cross Section



— 42-Mo-91g
- - - 42-Mo-91m1

69

Incident Energy (MeV)

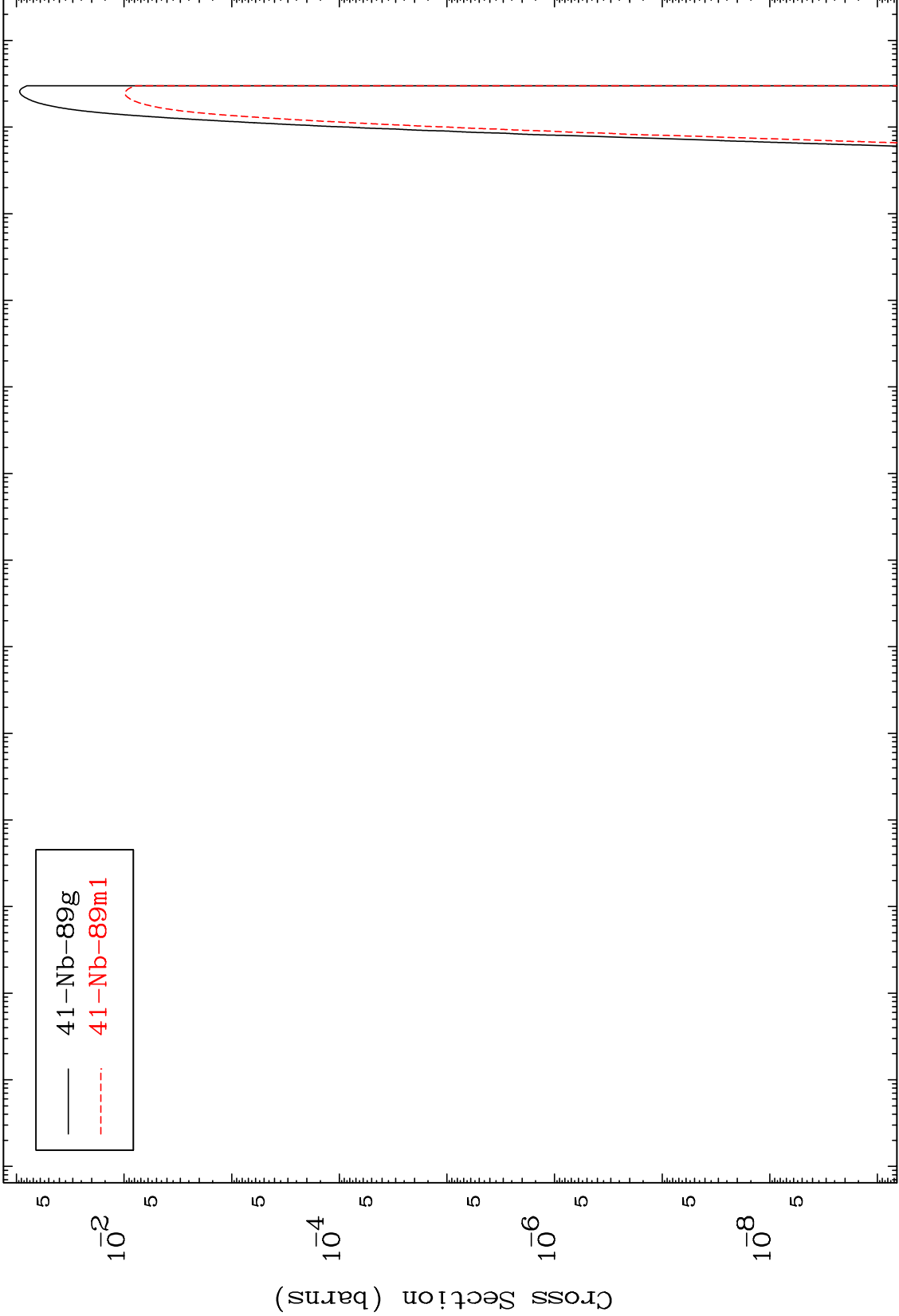
44-Ru-93

MAT 4416

(n,p) α

44-Ru-93

Radionuclide Production Cross Section



70

Incident Energy (MeV)

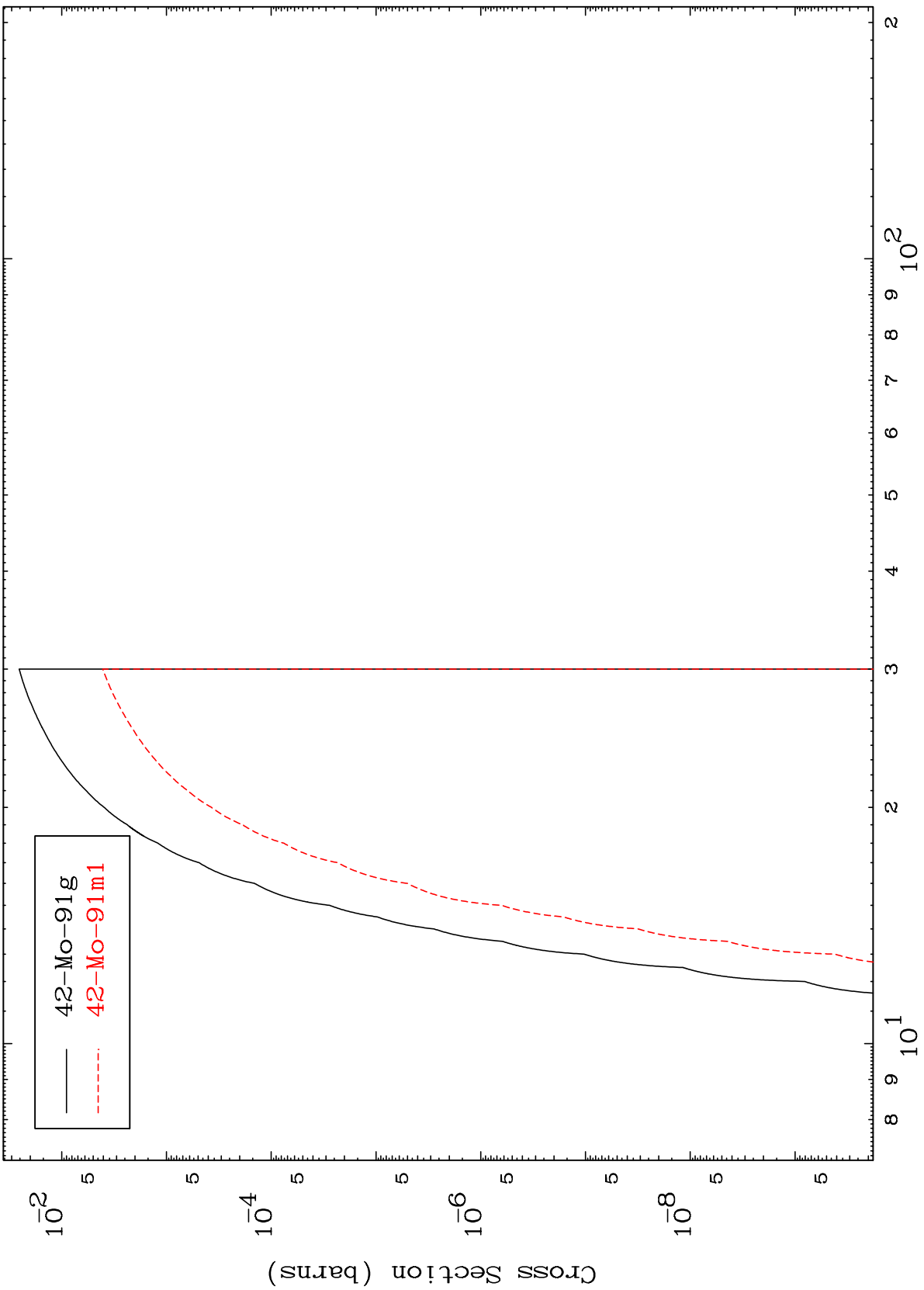
44-Ru-93

MAT 4416

(n,p) d

44-Ru-93

Radionuclide Production Cross Section



— 42-Mo-91g
- - - 42-Mo-91m1

71

Incident Energy (MeV)

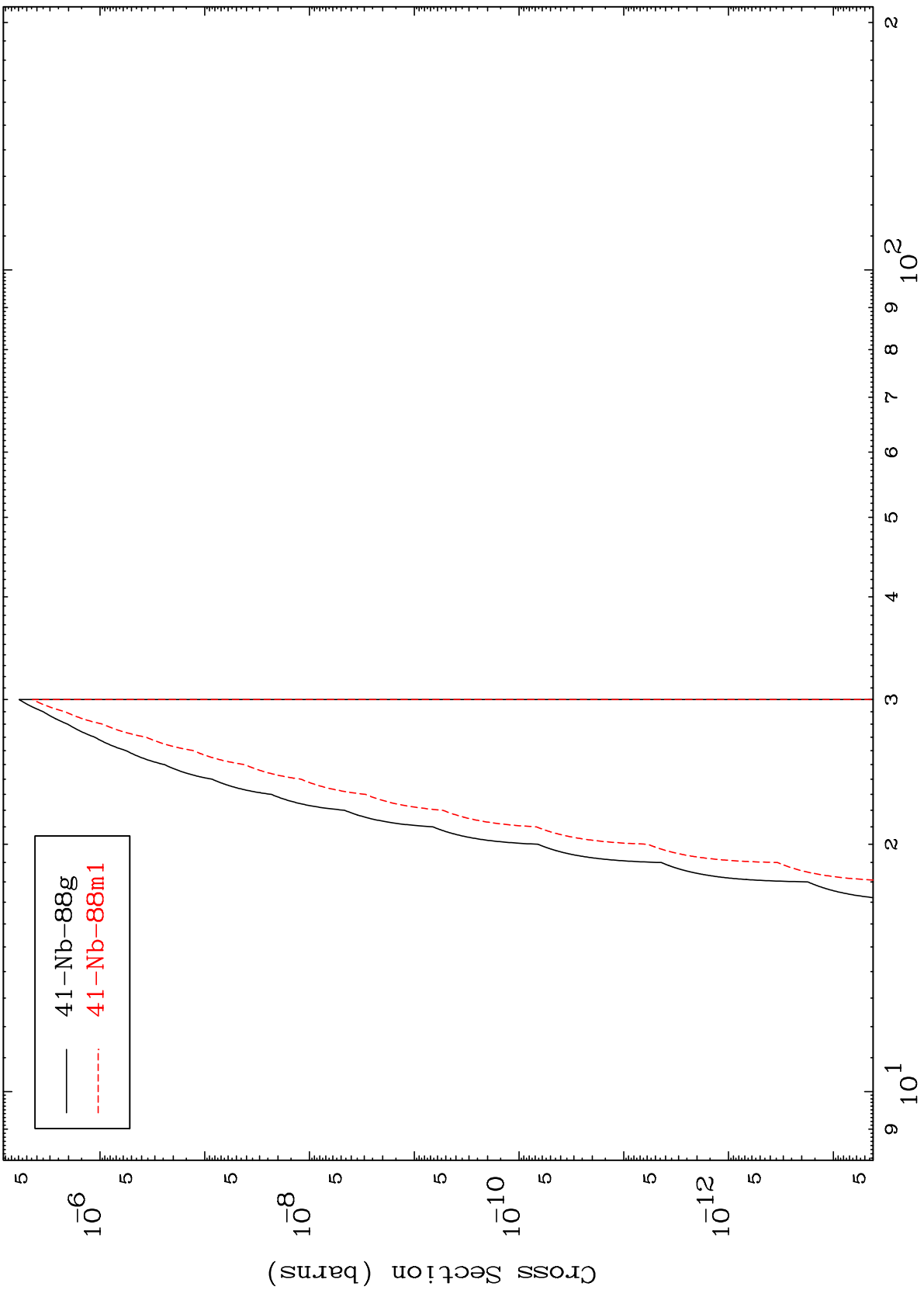
44-Ru-93

MAT 4416

(n,d) α

44-Ru-93

Radionuclide Production Cross Section



72

Incident Energy (MeV)

44-Ru-93