

Program EVALPLOT  
(Version 2021-1)

by

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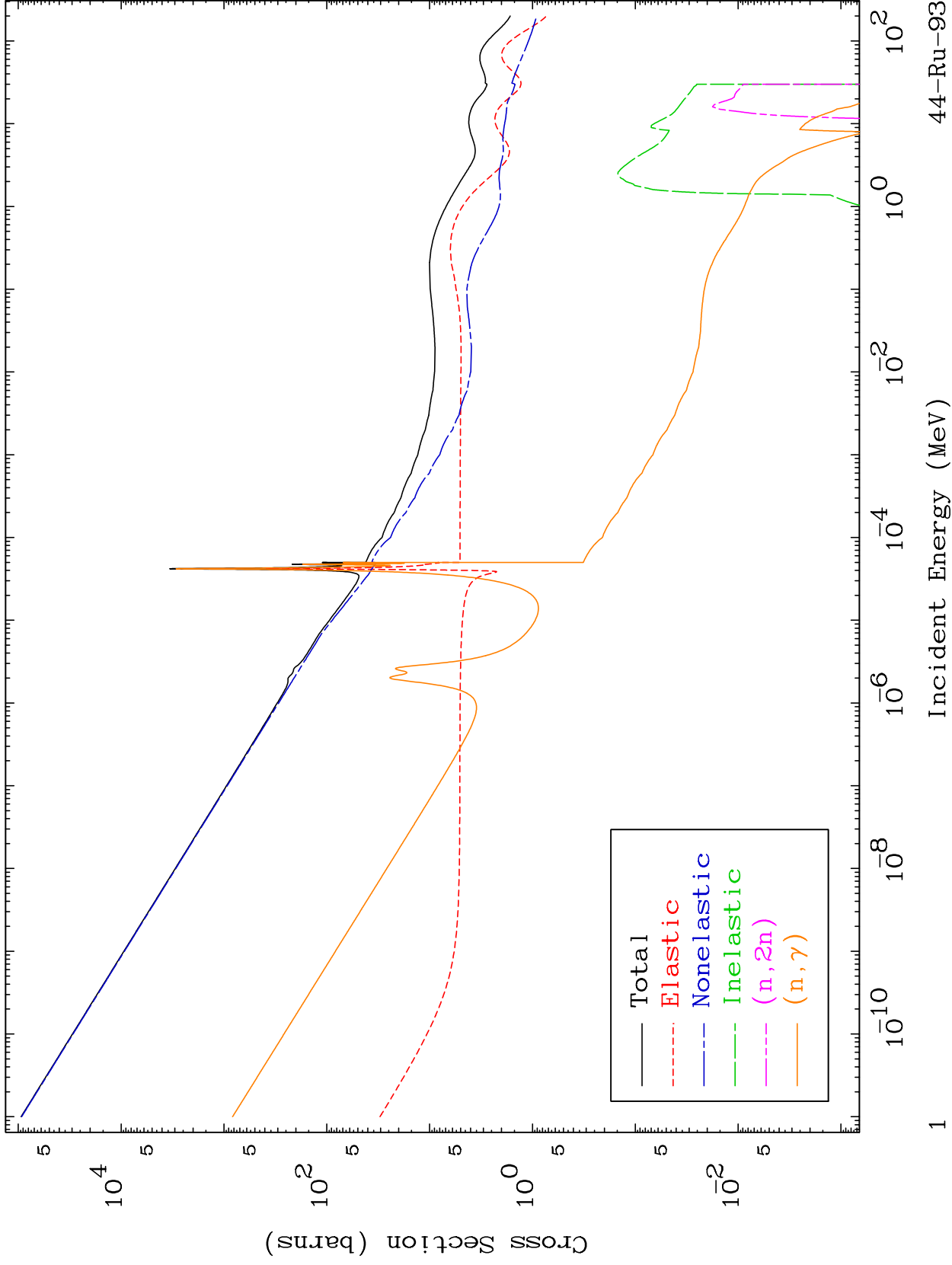
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Press Mouse Button to Start

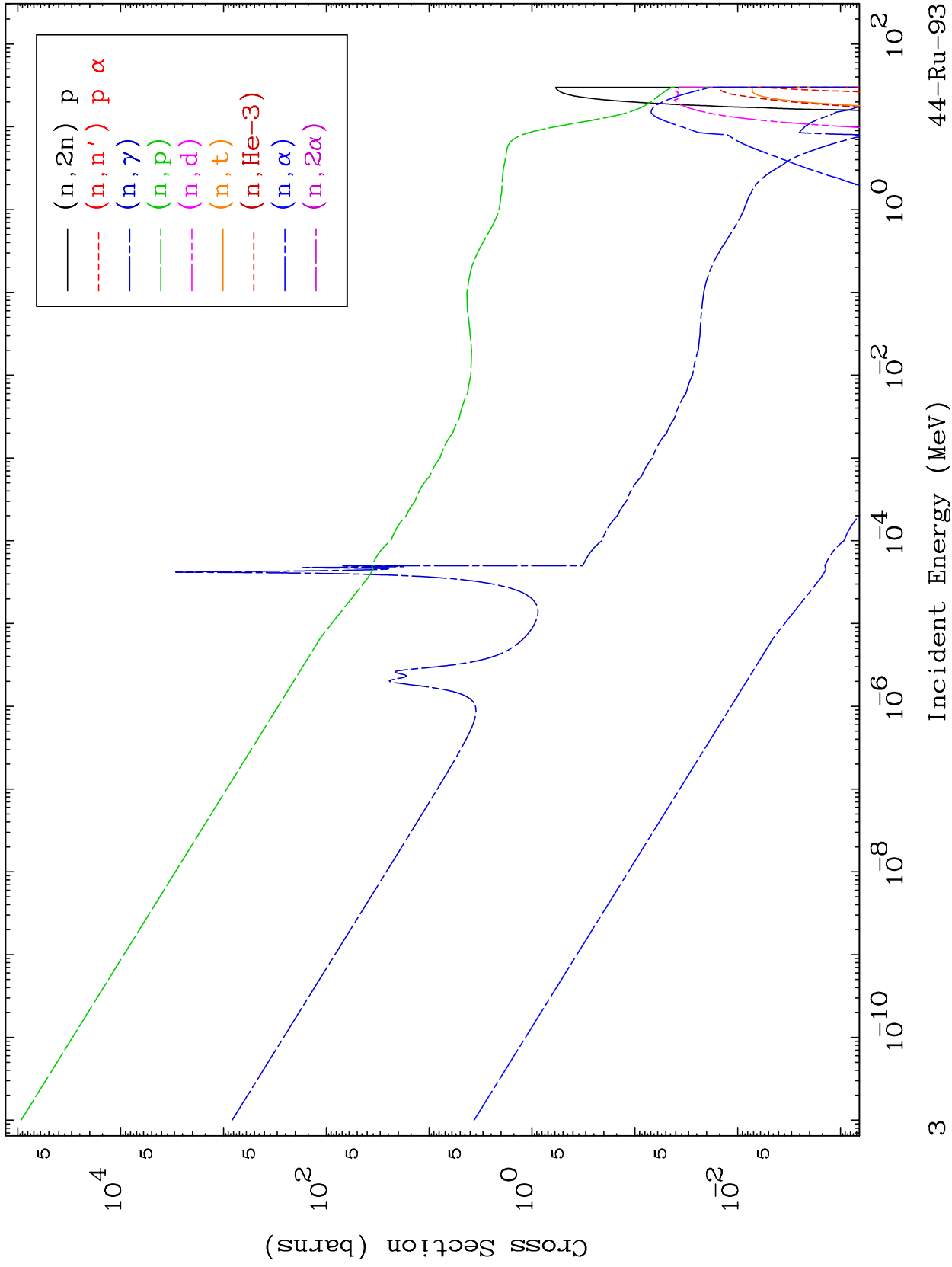
MAT 4416

Neutron Major  
293 Kelvin Cross Sections

44-Ru-93



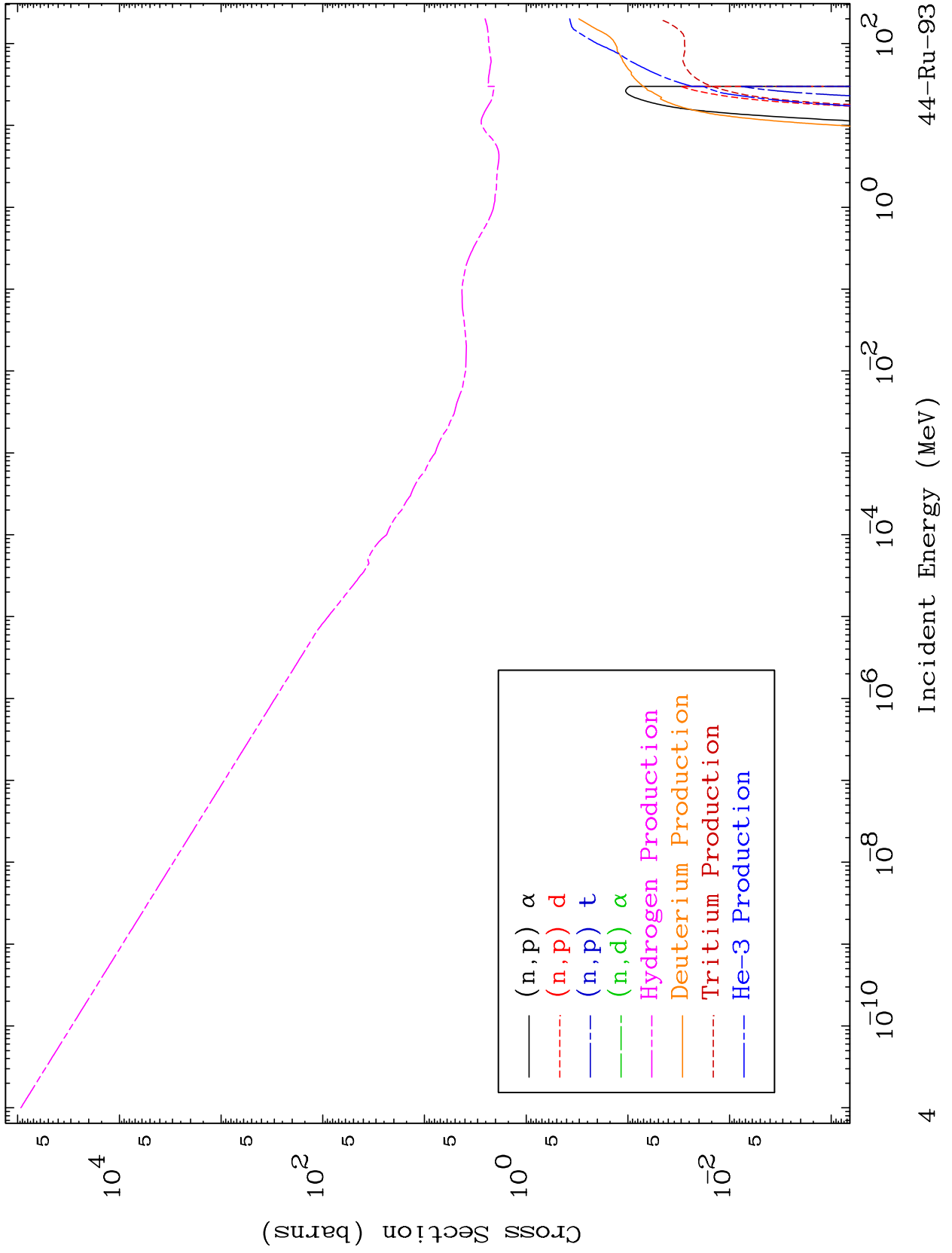




MAT 4416

Neutron Absorption  
293 Kelvin Cross Sections

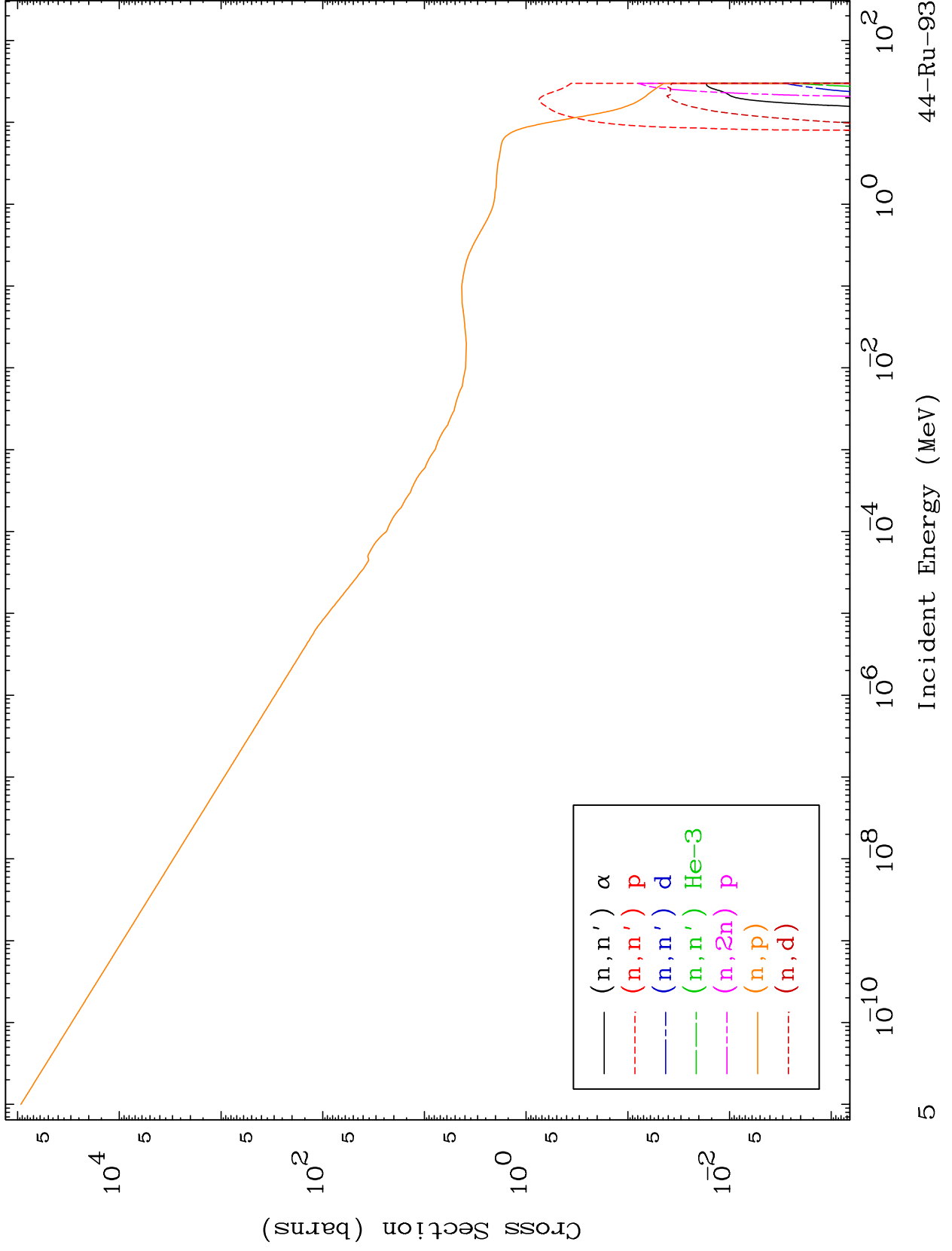
44-Ru-93



MAT 4416

Charged Particle  
293 Kelvin Cross Sections

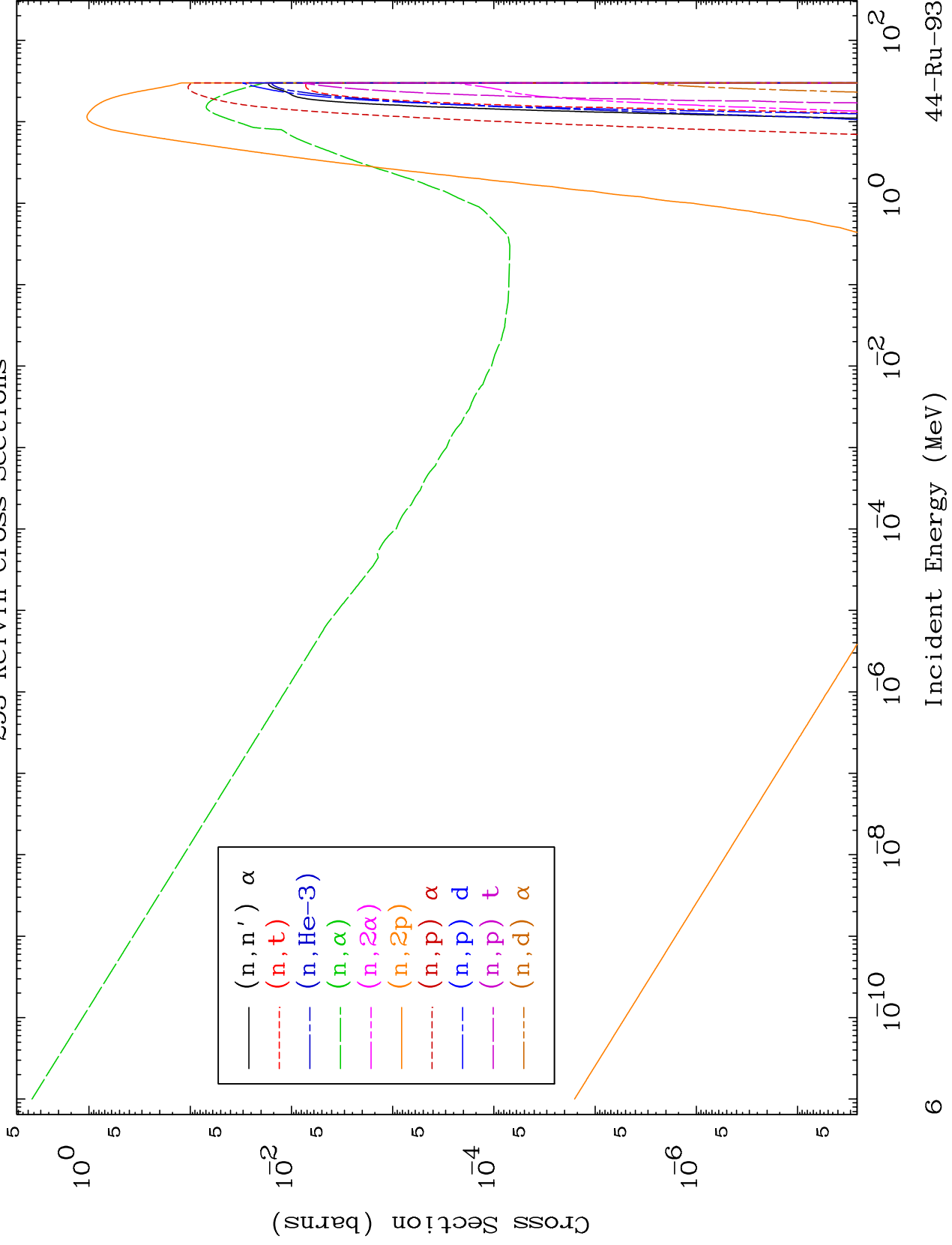
44-Ru-93



MAT 4416

Charged Particle  
293 Kelvin Cross Sections

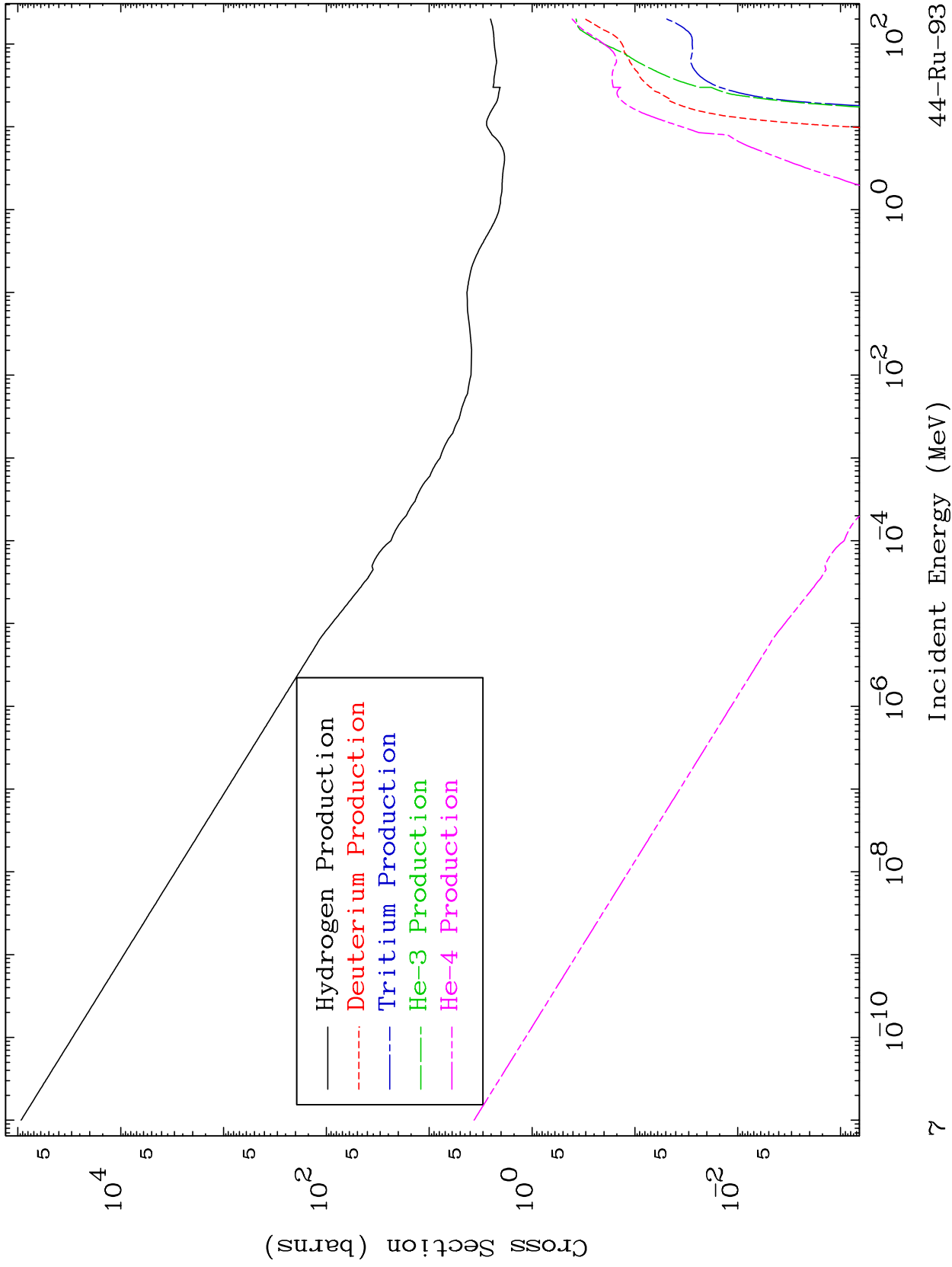
44-Ru-93



MAT 4416

Particle Production  
293 Kelvin Cross Sections

44-Ru-93

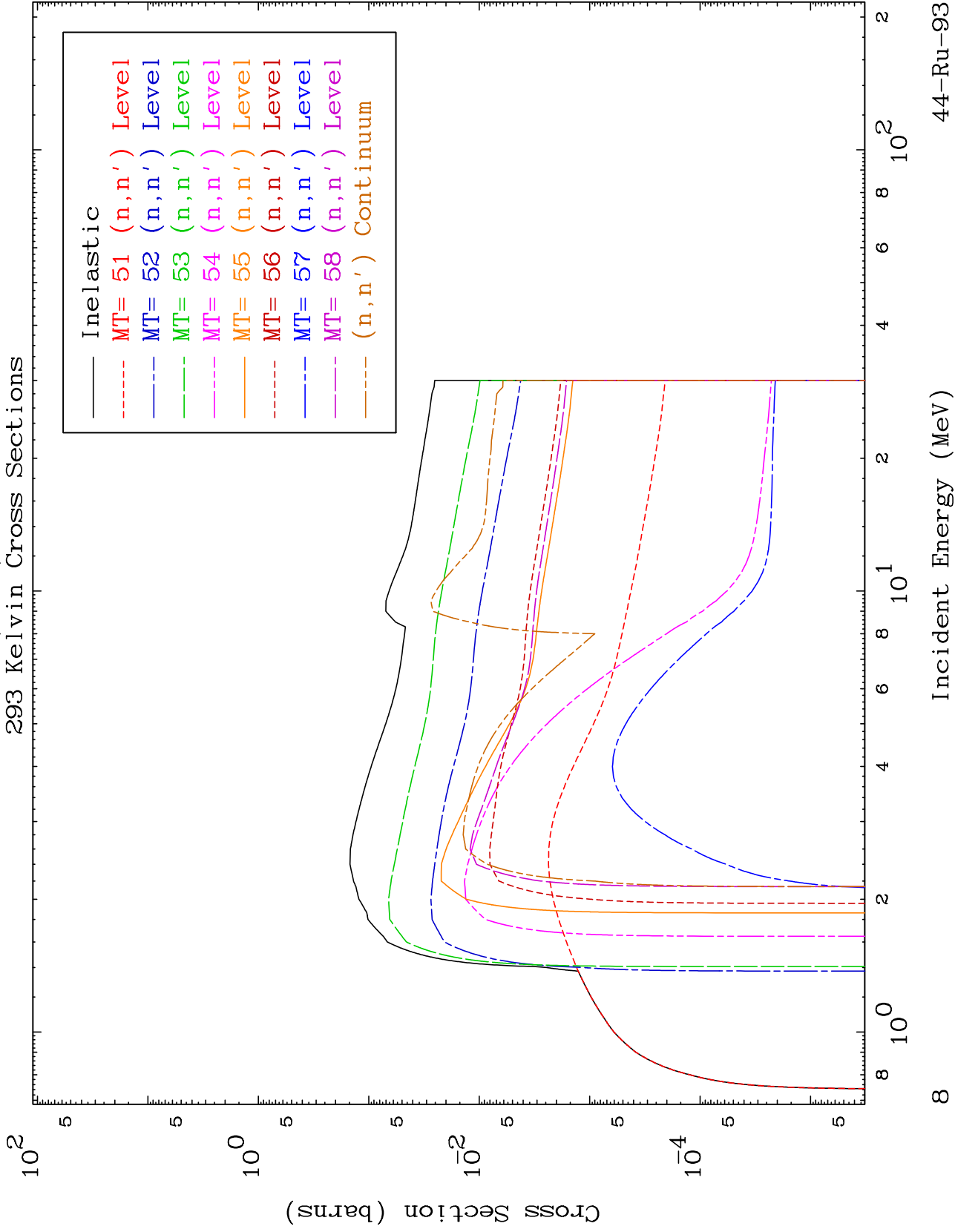


MAT 4416

(n,n') Levels

44-Ru-93

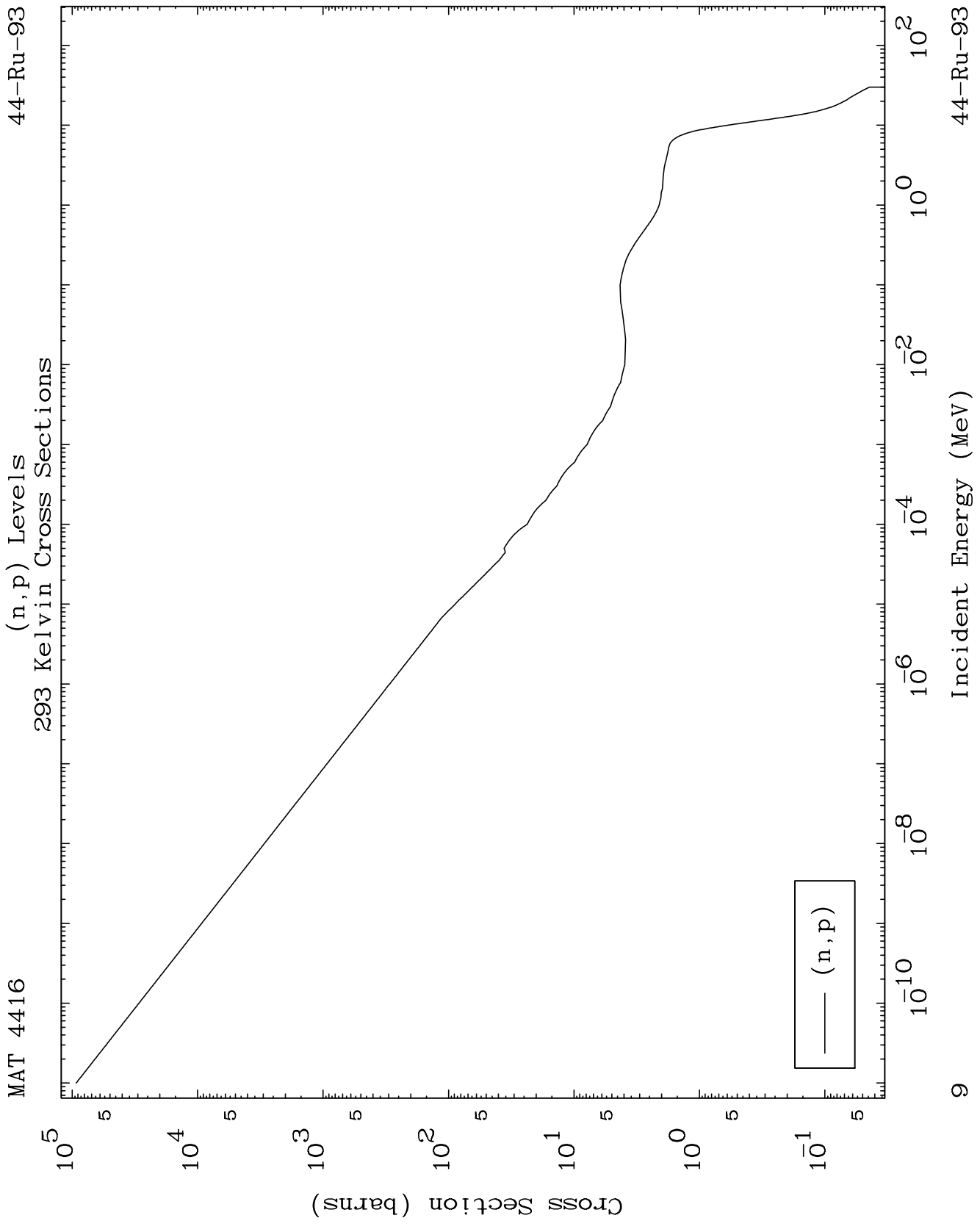
293 Kelvin Cross Sections



8

Incident Energy (MeV)

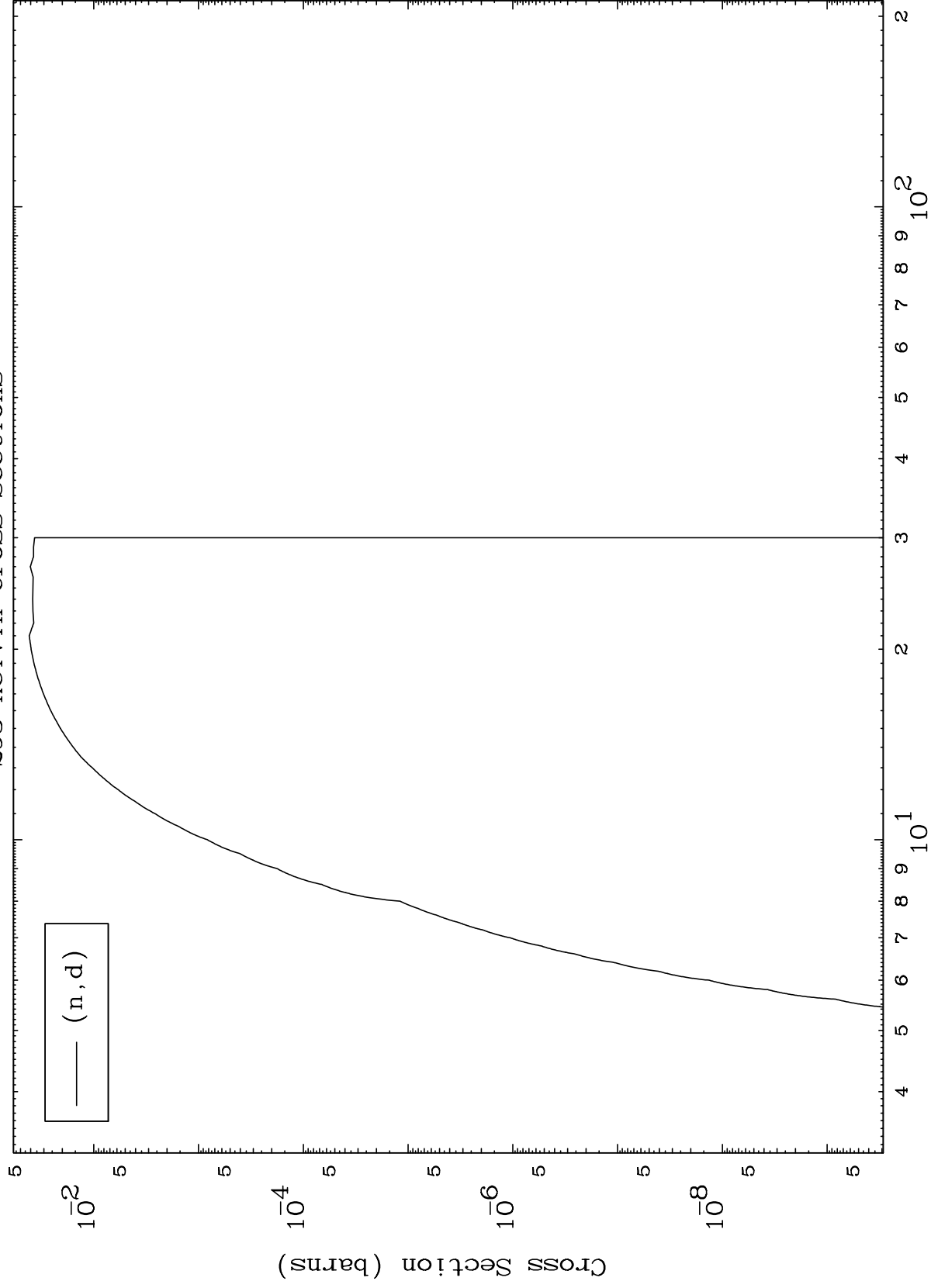
44-Ru-93



MAT 4416

(n,d) Levels  
293 Kelvin Cross Sections

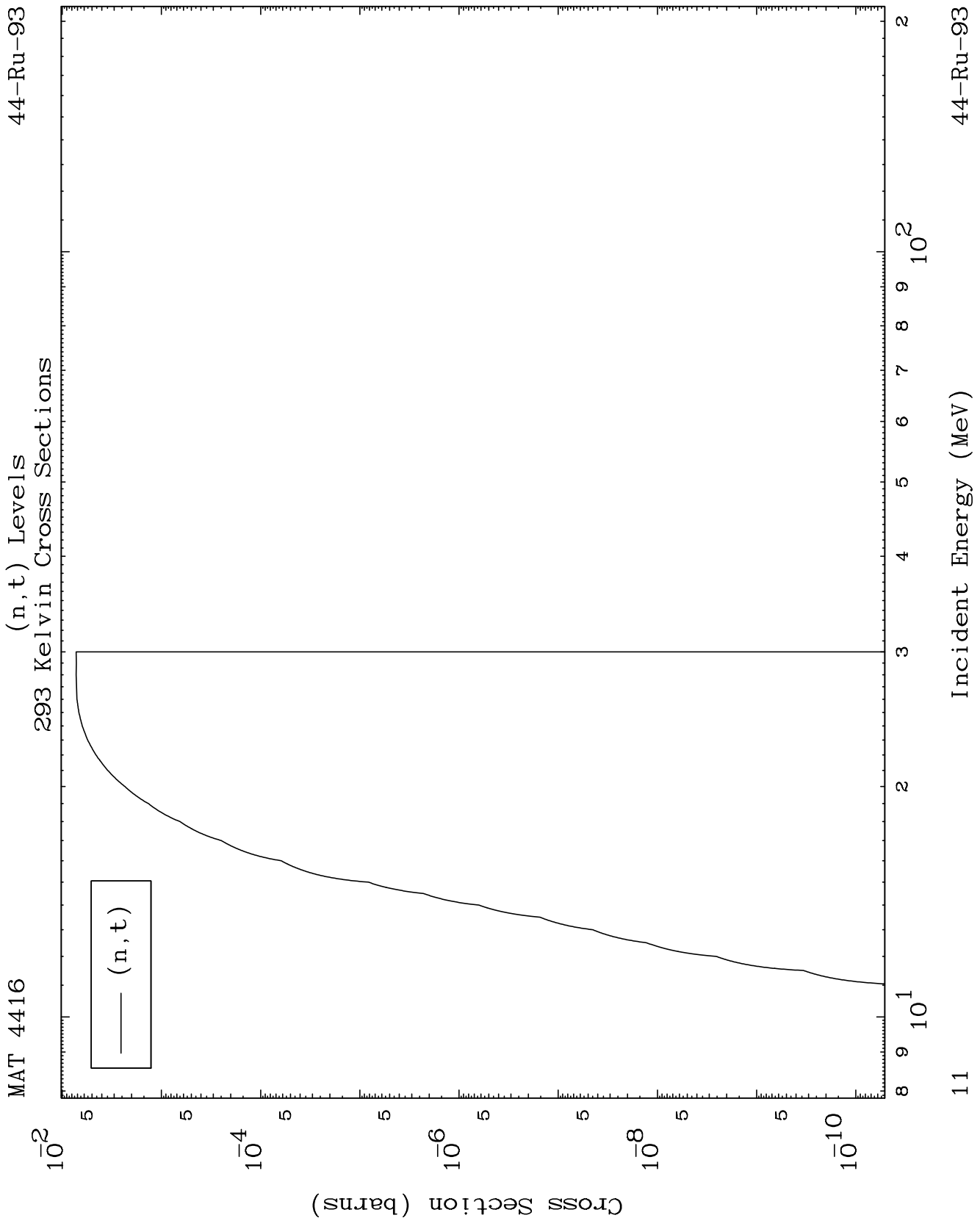
44-Ru-93



10

Incident Energy (MeV)

44-Ru-93



$10^{-2}$

$10^{-4}$

$10^{-6}$

$10^{-8}$

$10^{-10}$

8 9 10 11

2

3

7 8 9 10

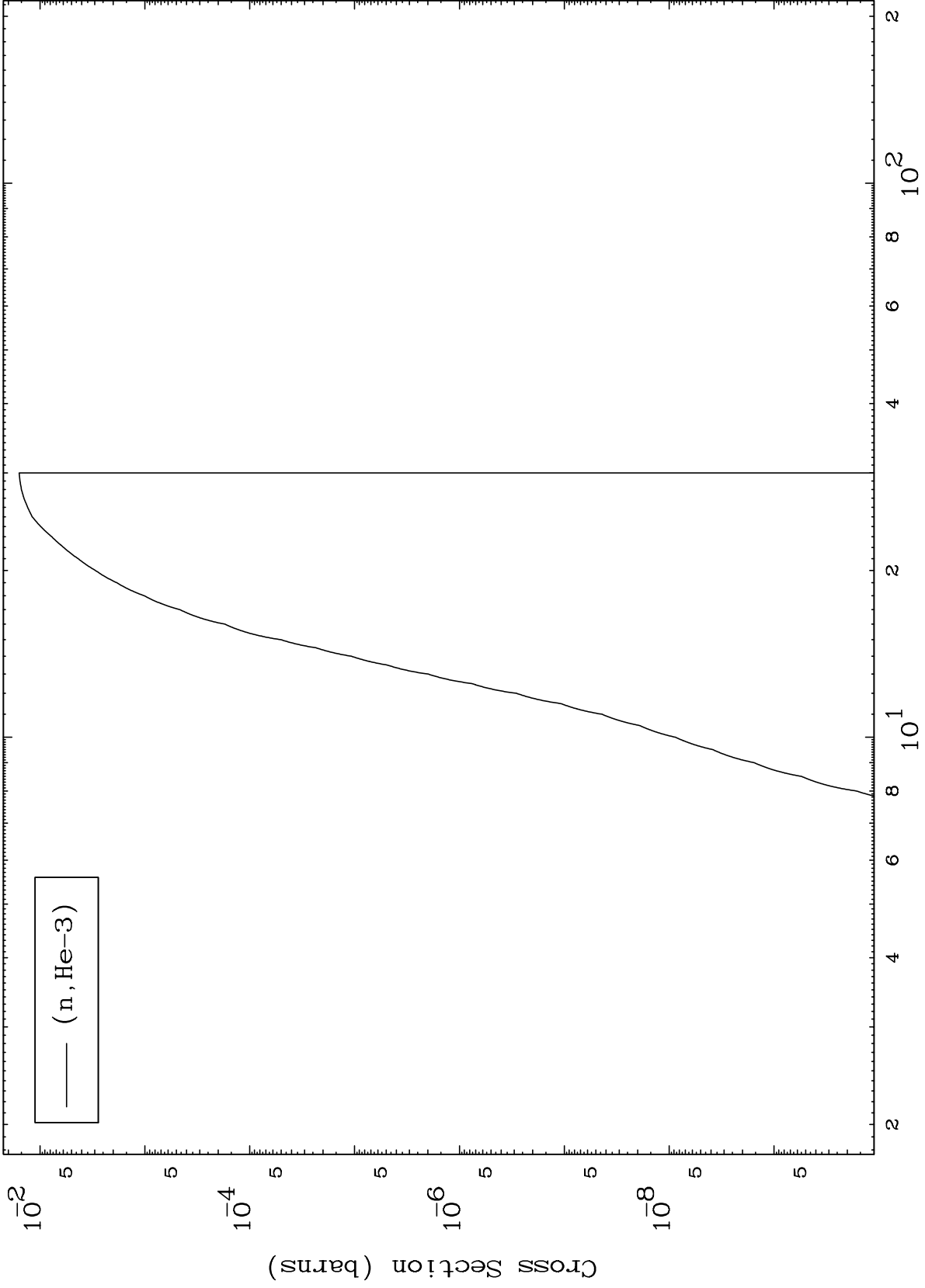
2

(n,t)

MAT 4416

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-93



12

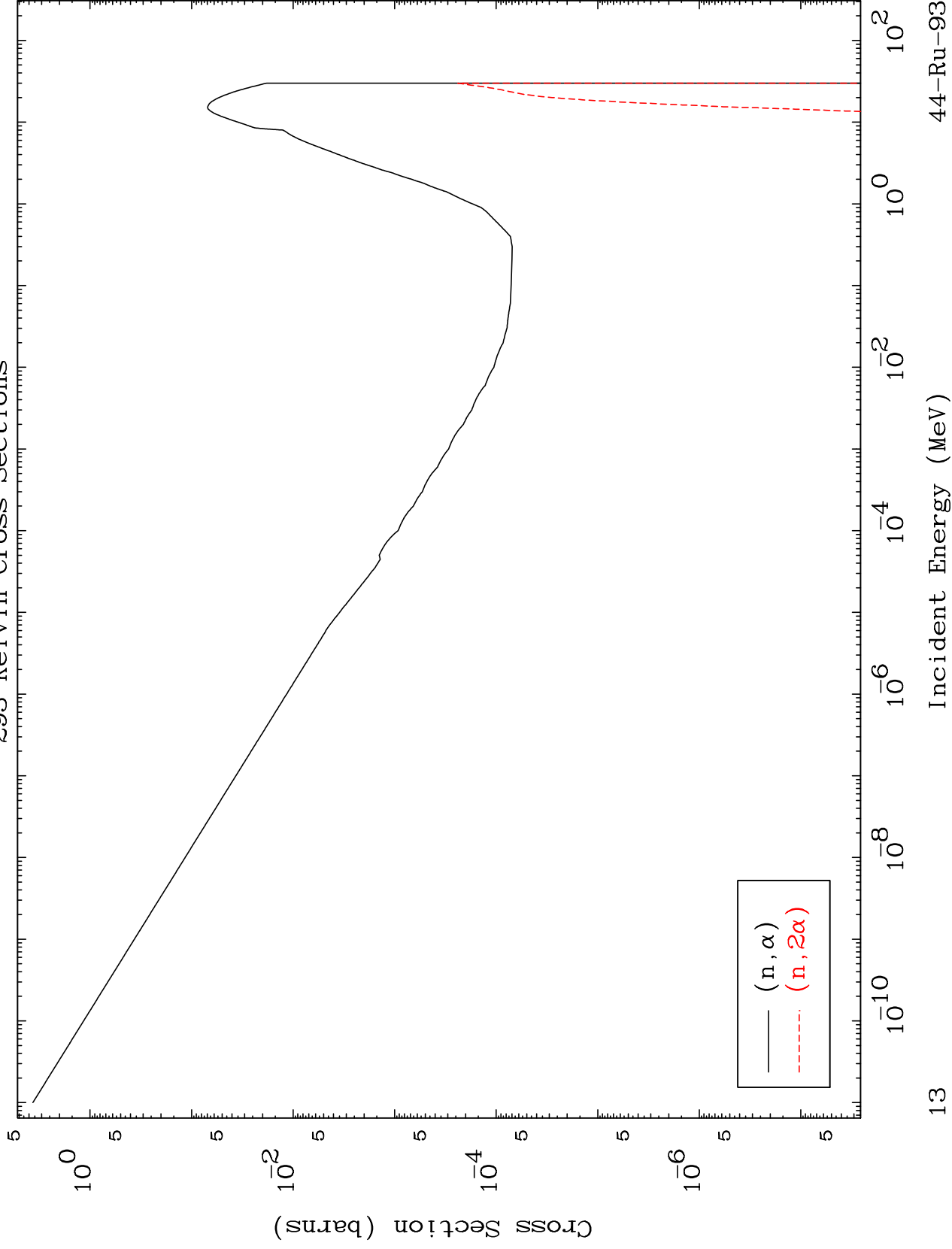
Incident Energy (MeV)

44-Ru-93

MAT 4416

(n,α) Levels  
293 Kelvin Cross Sections

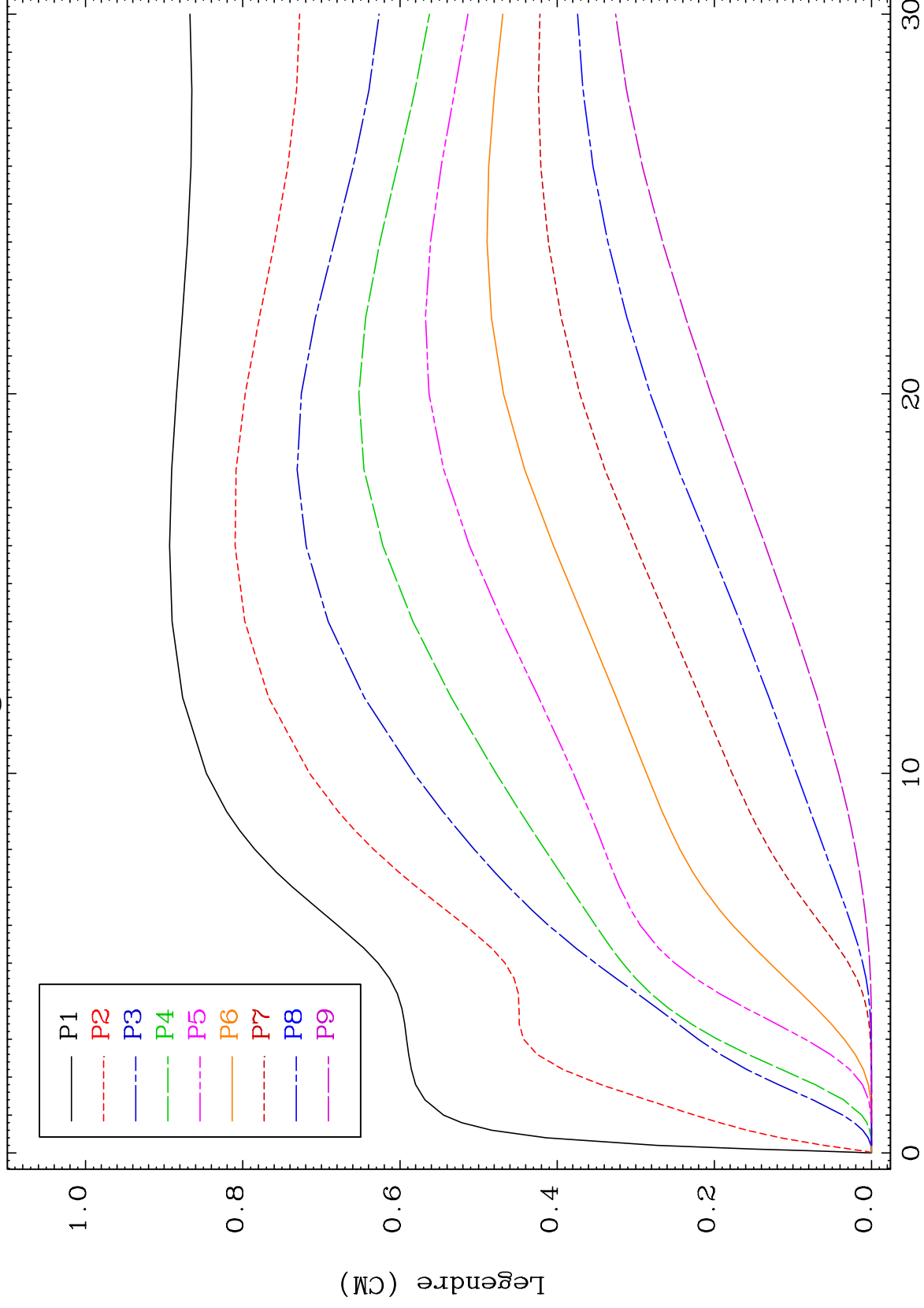
44-Ru-93



MAT 4416

Elastic Legendre Coefficients

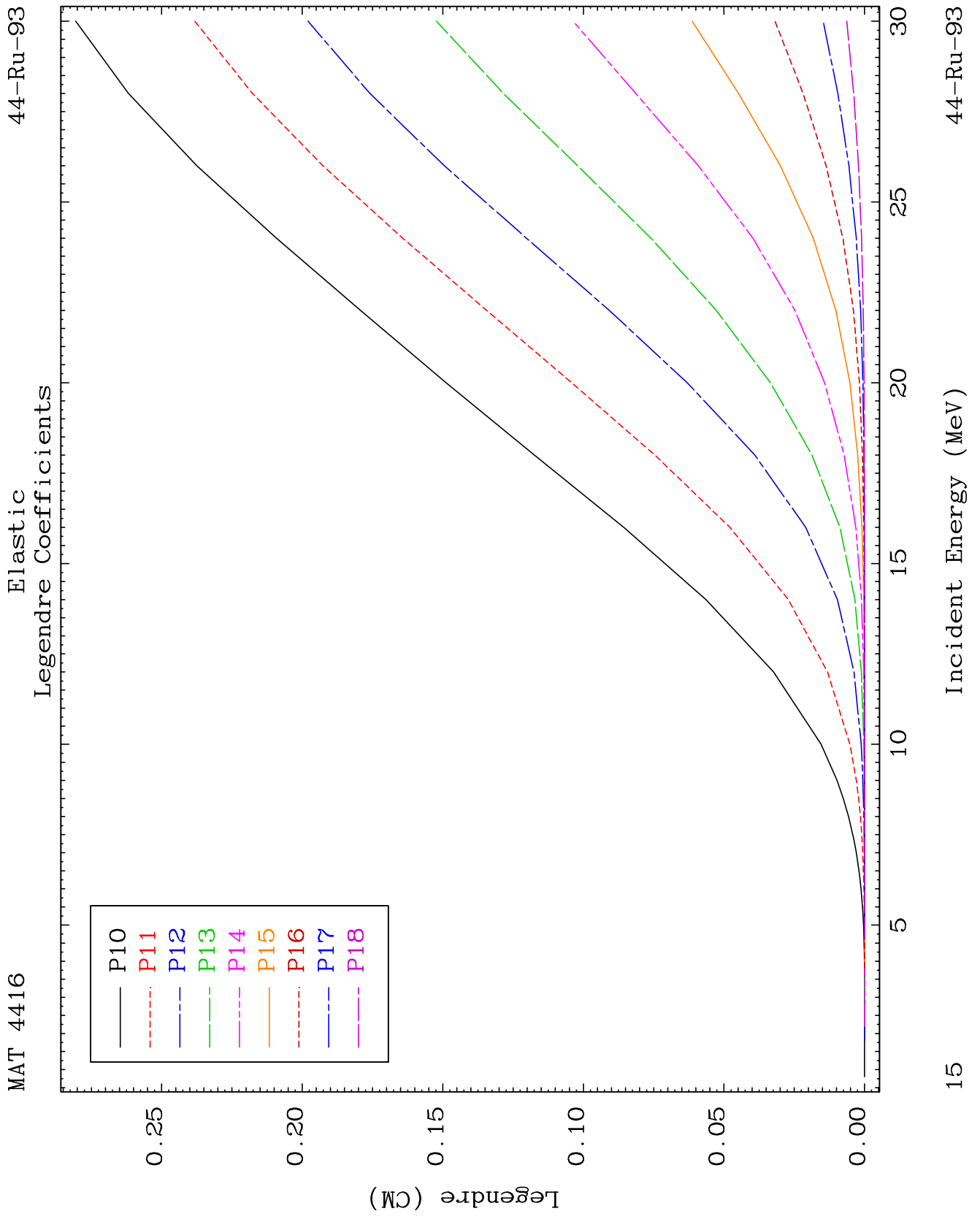
44-Ru-93



14

Incident Energy (MeV)

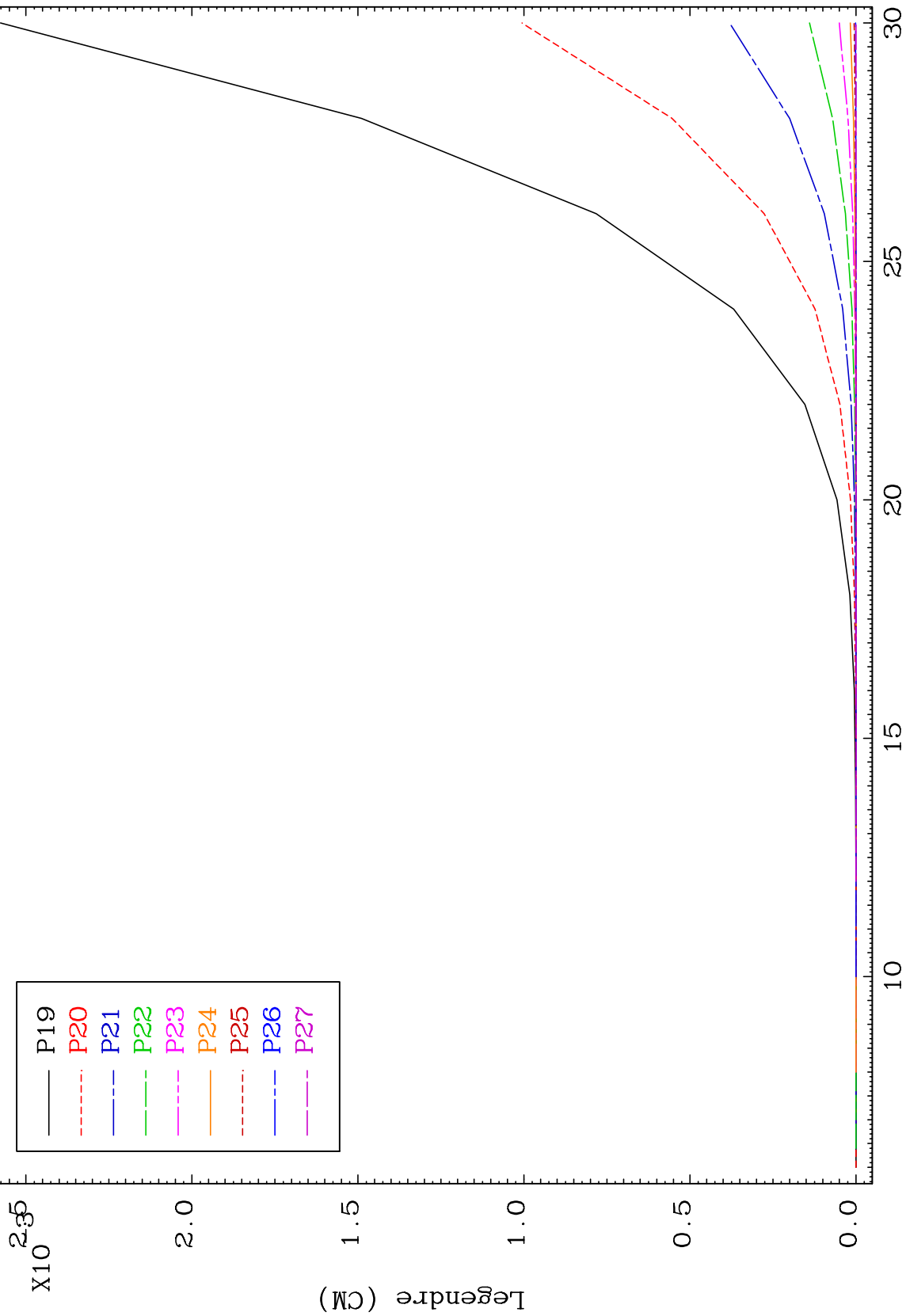
44-Ru-93



MAT 4416

Elastic  
Legendre Coefficients

44-Ru-93



16

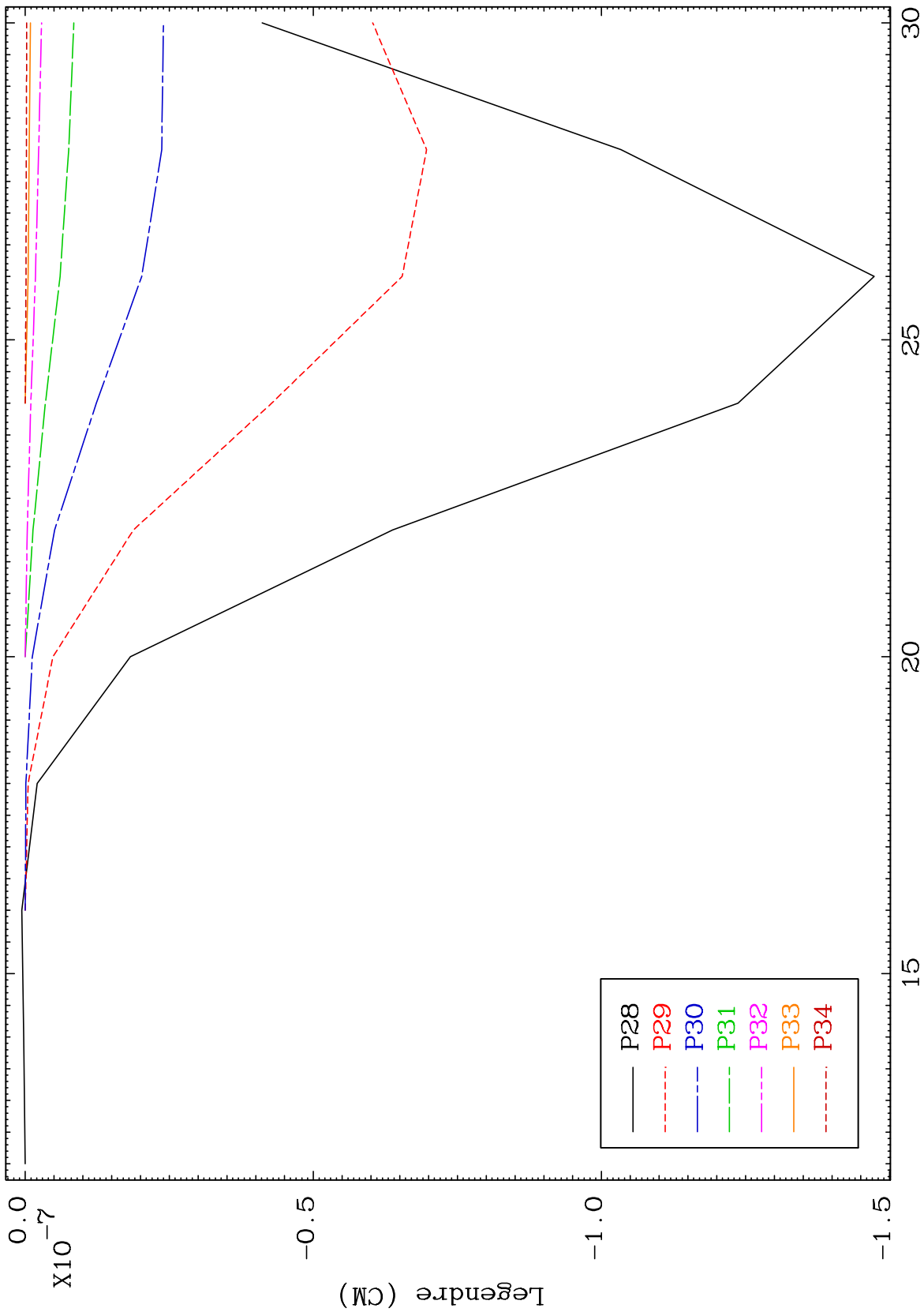
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

Elastic  
Legendre Coefficients



17

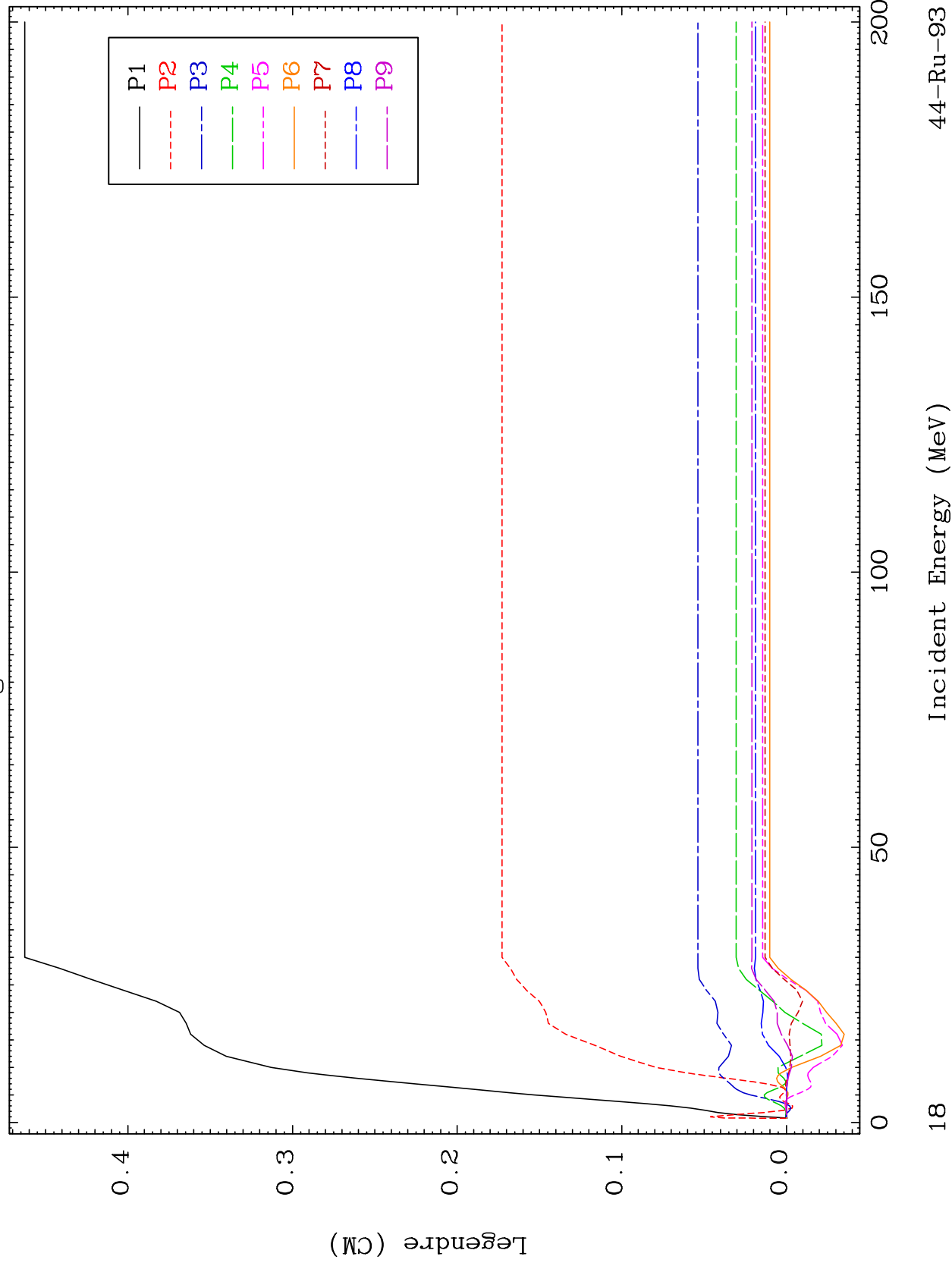
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



44-Ru-93

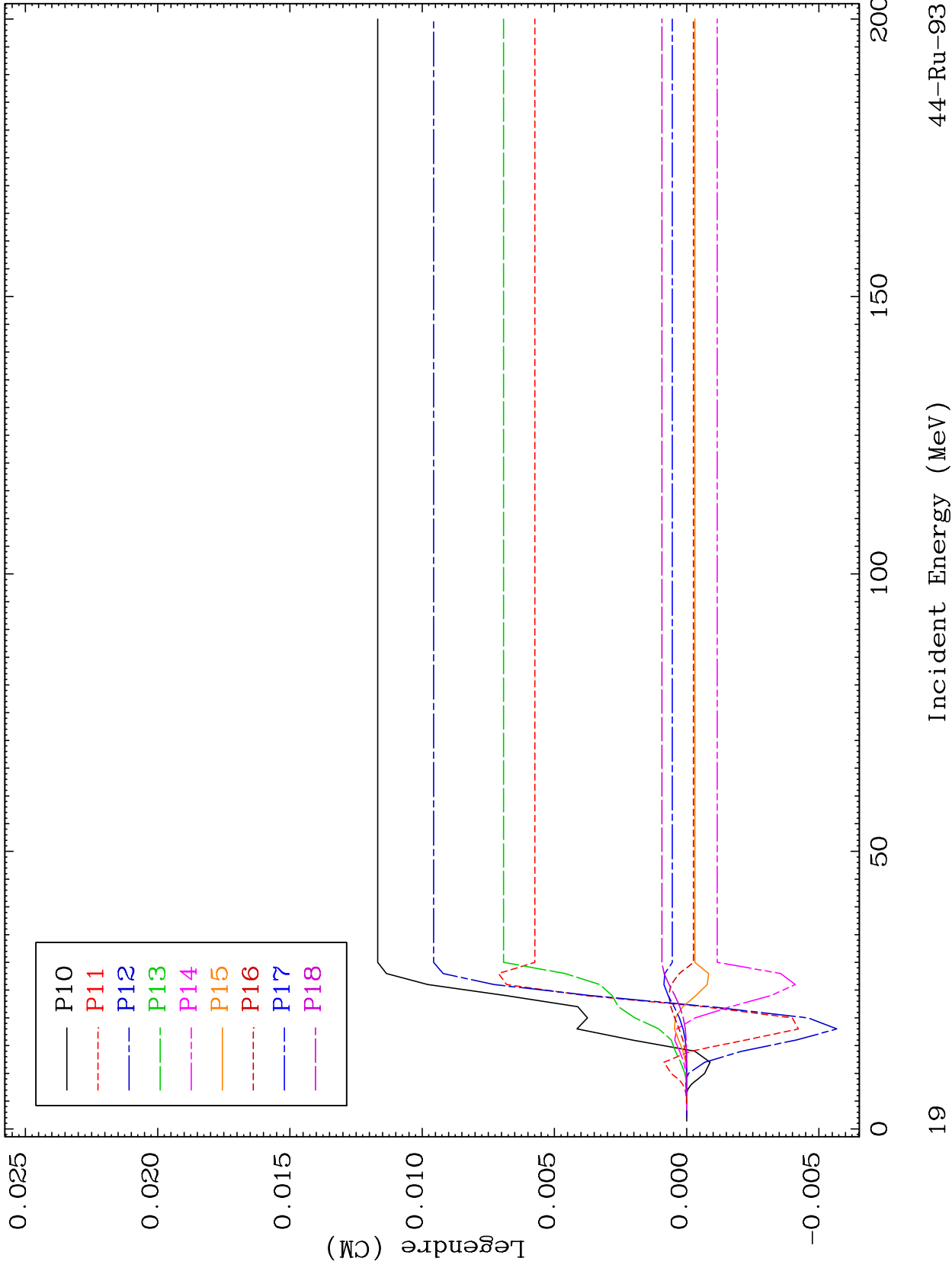
Incident Energy (MeV)

18

MAT 4416

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

44-Ru-93



19

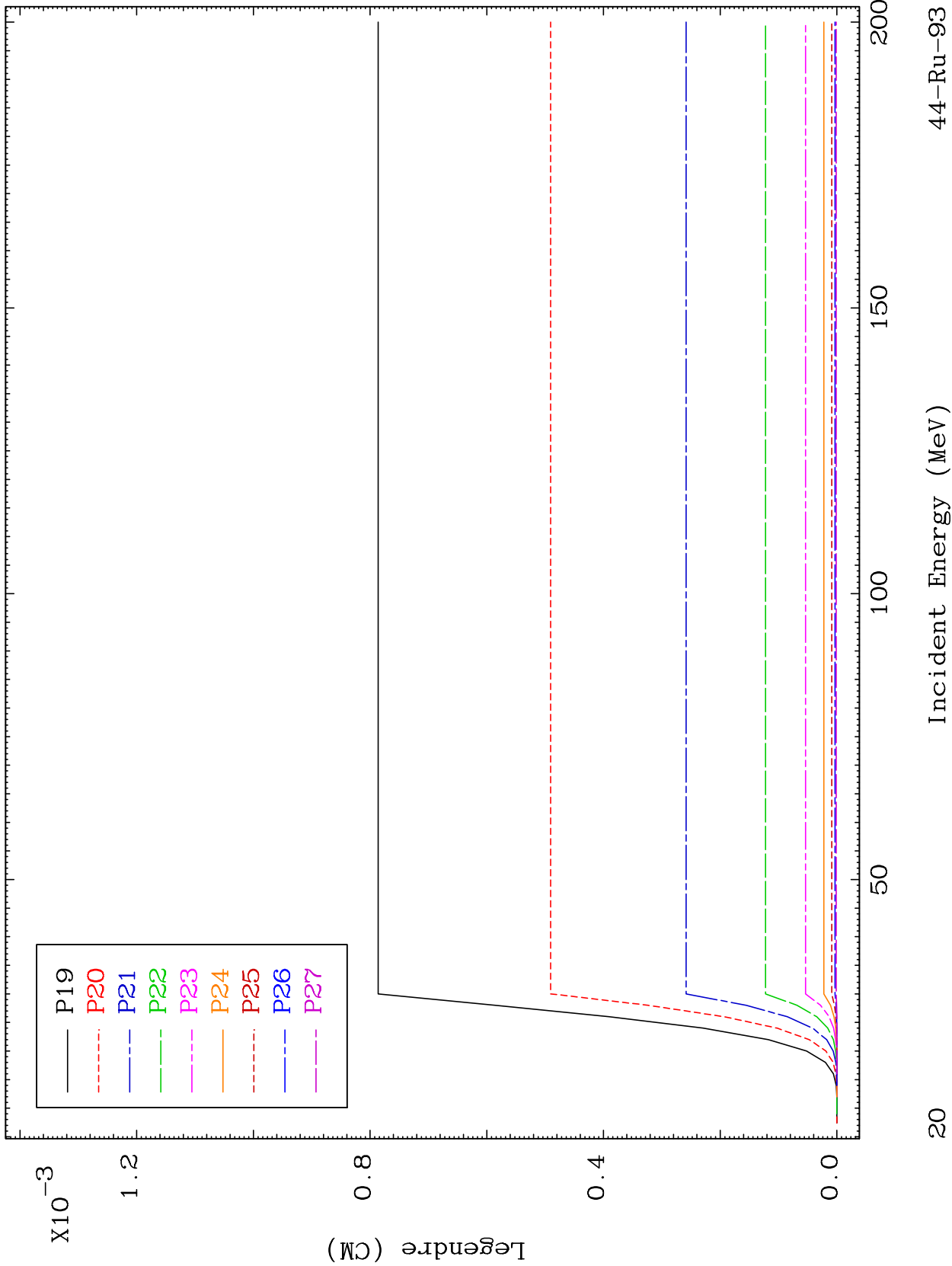
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



20

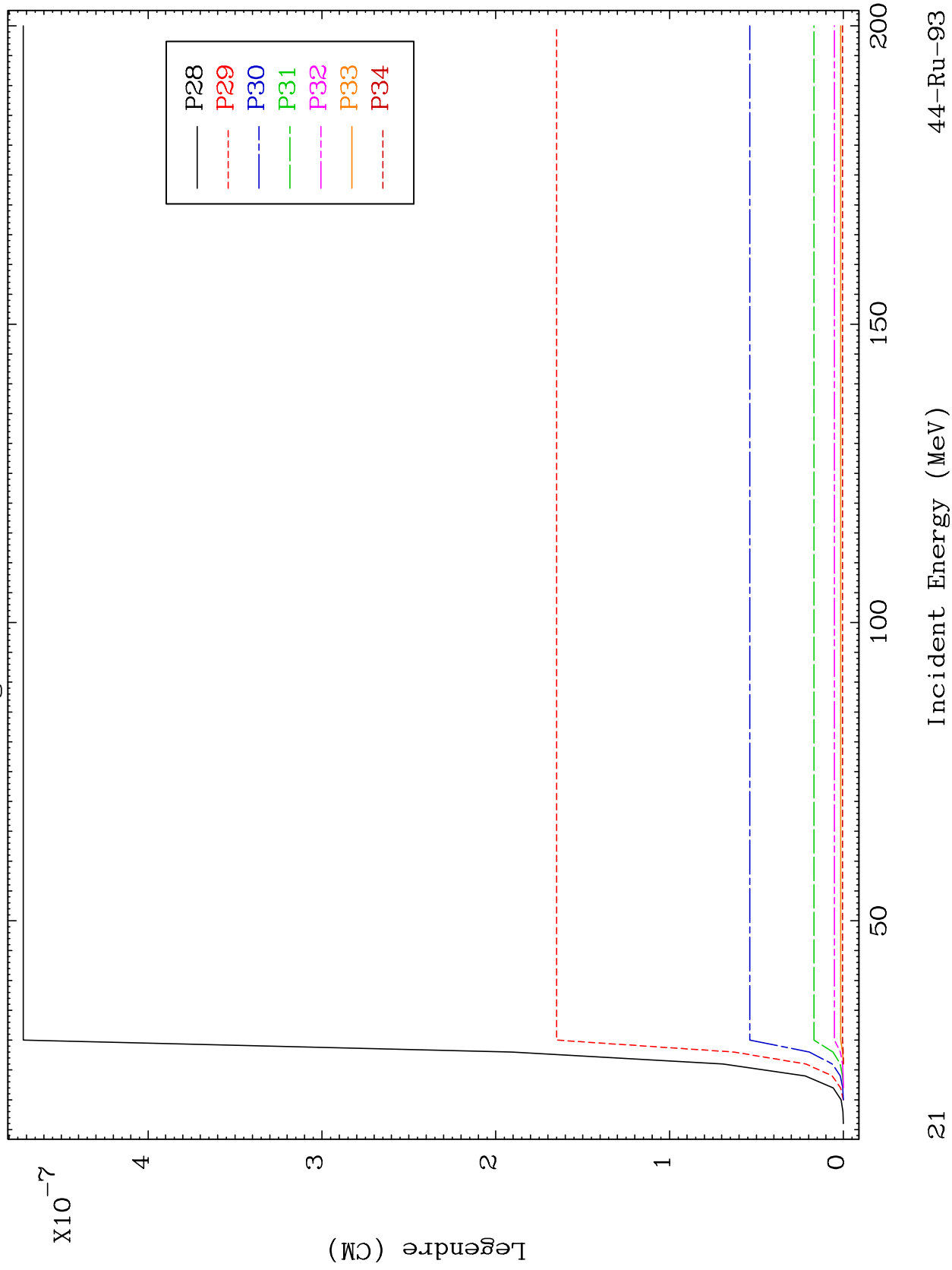
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

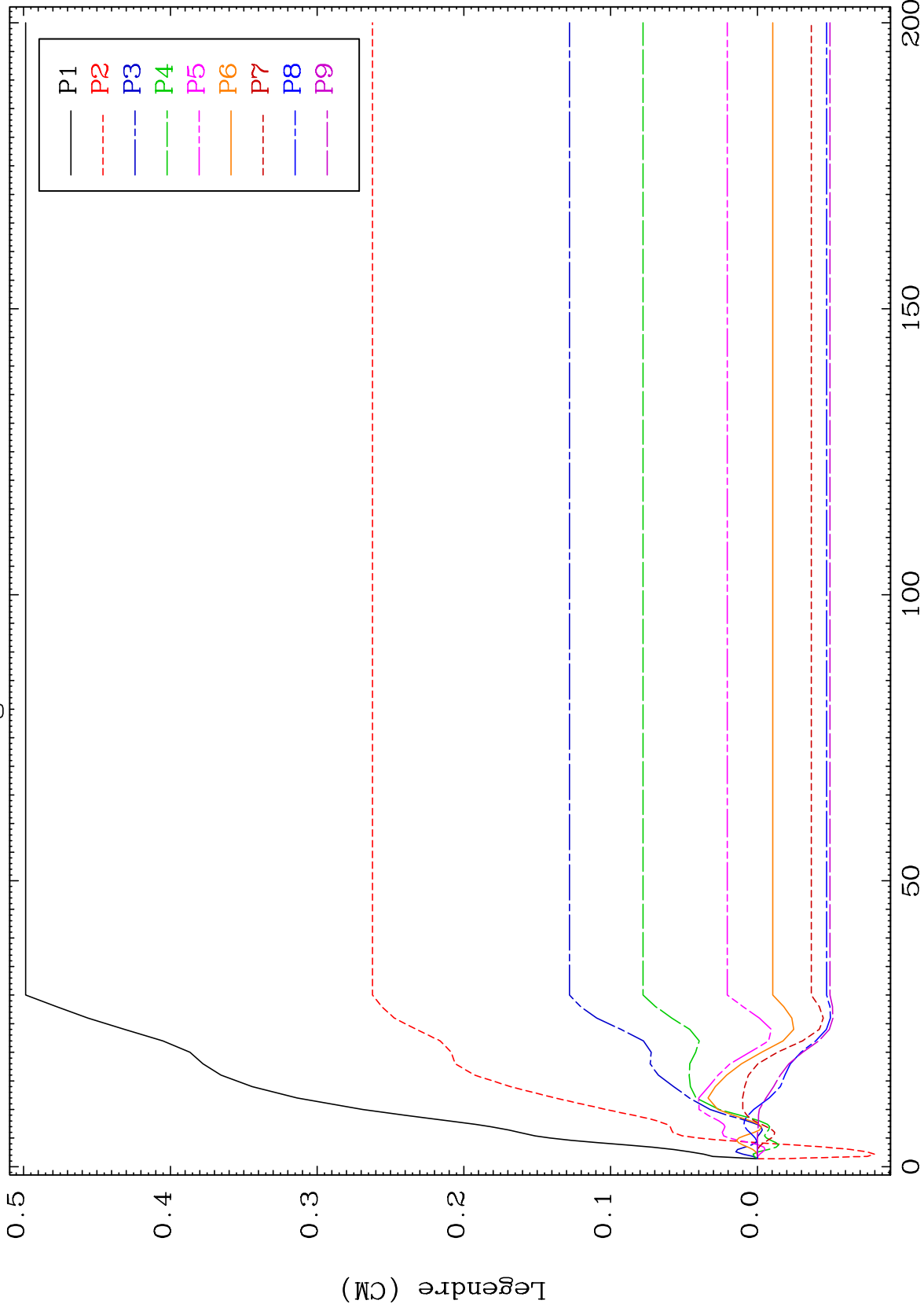
44-Ru-93



MAT 4416

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

44-Ru-93



22

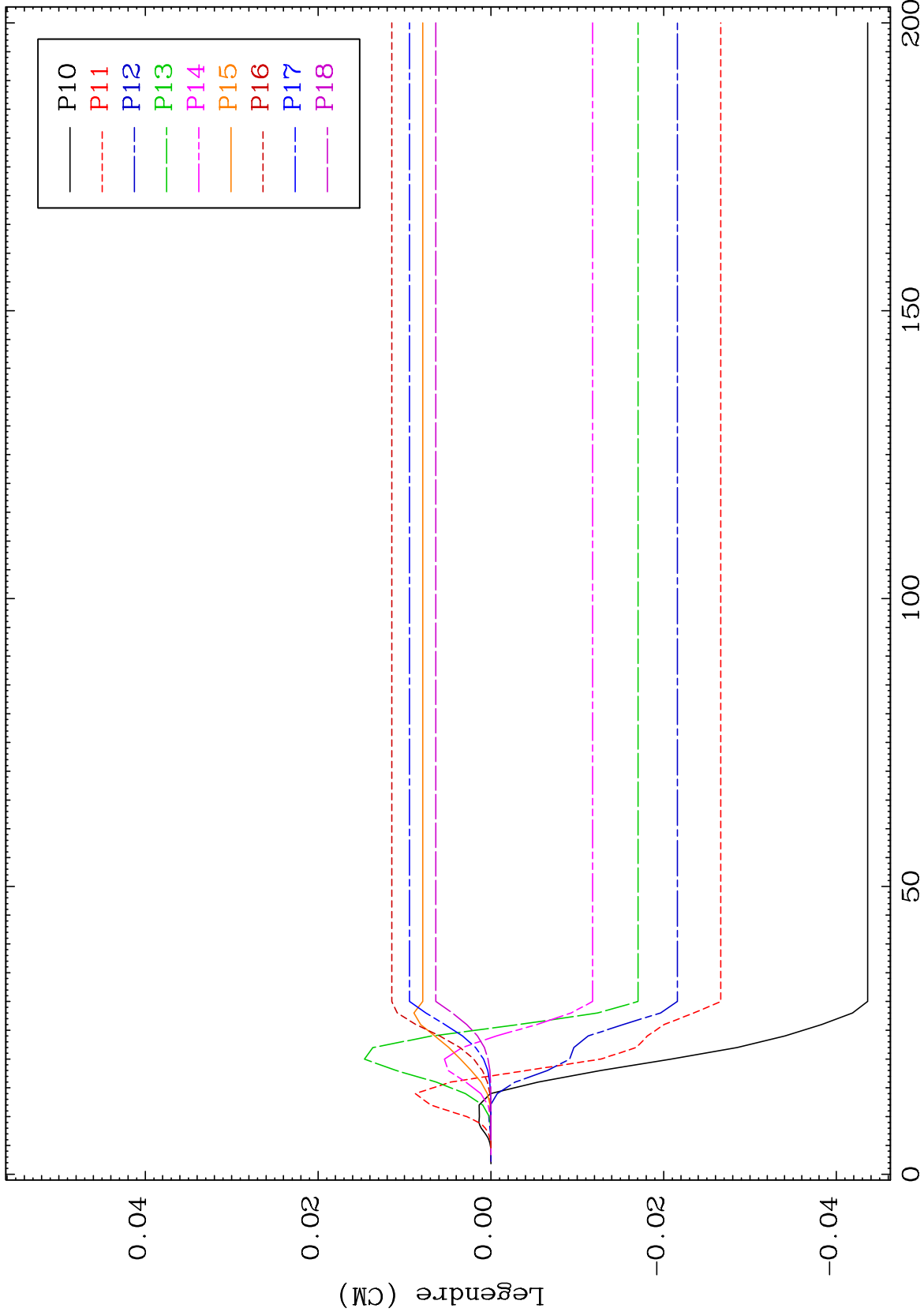
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



23

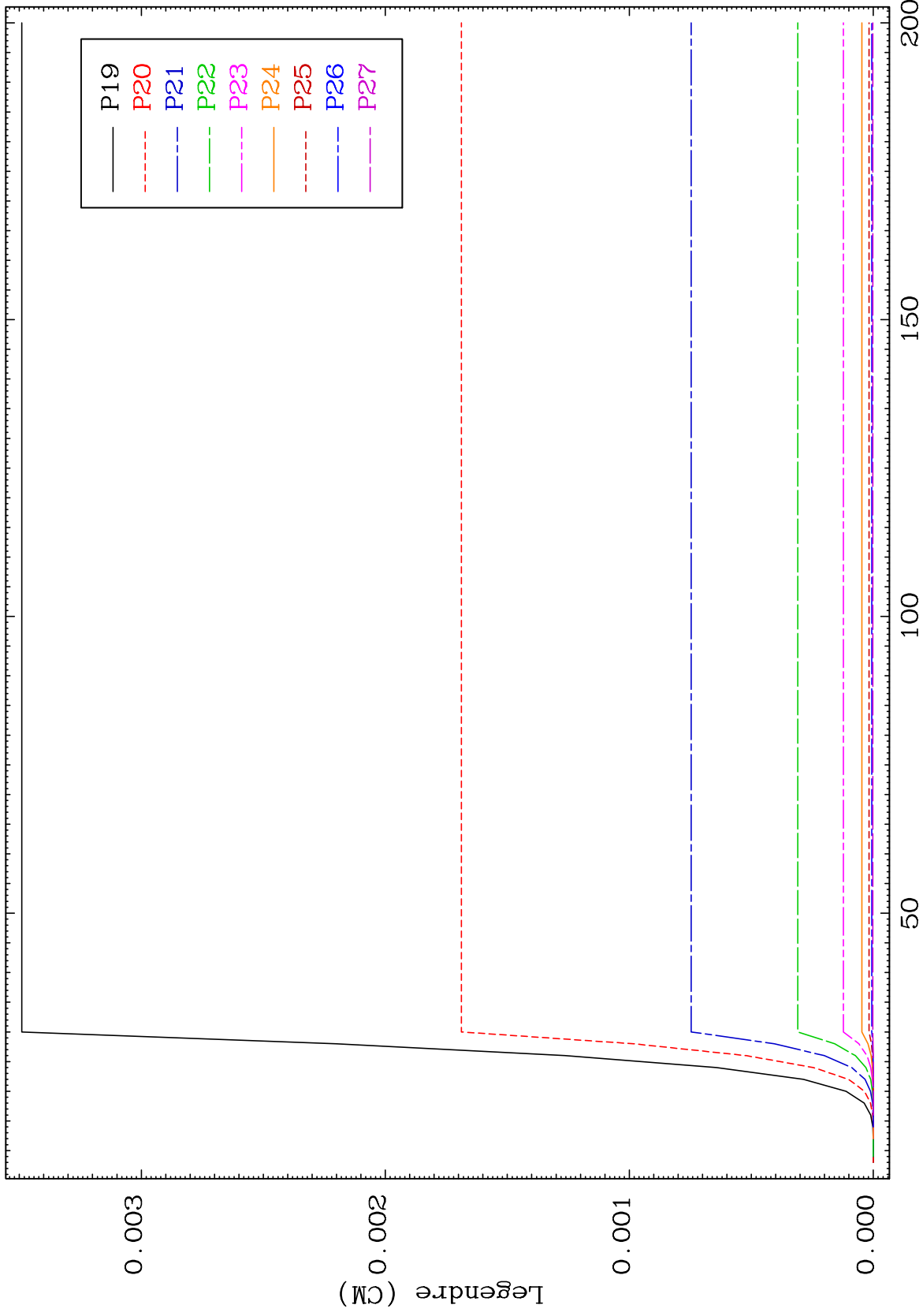
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



24

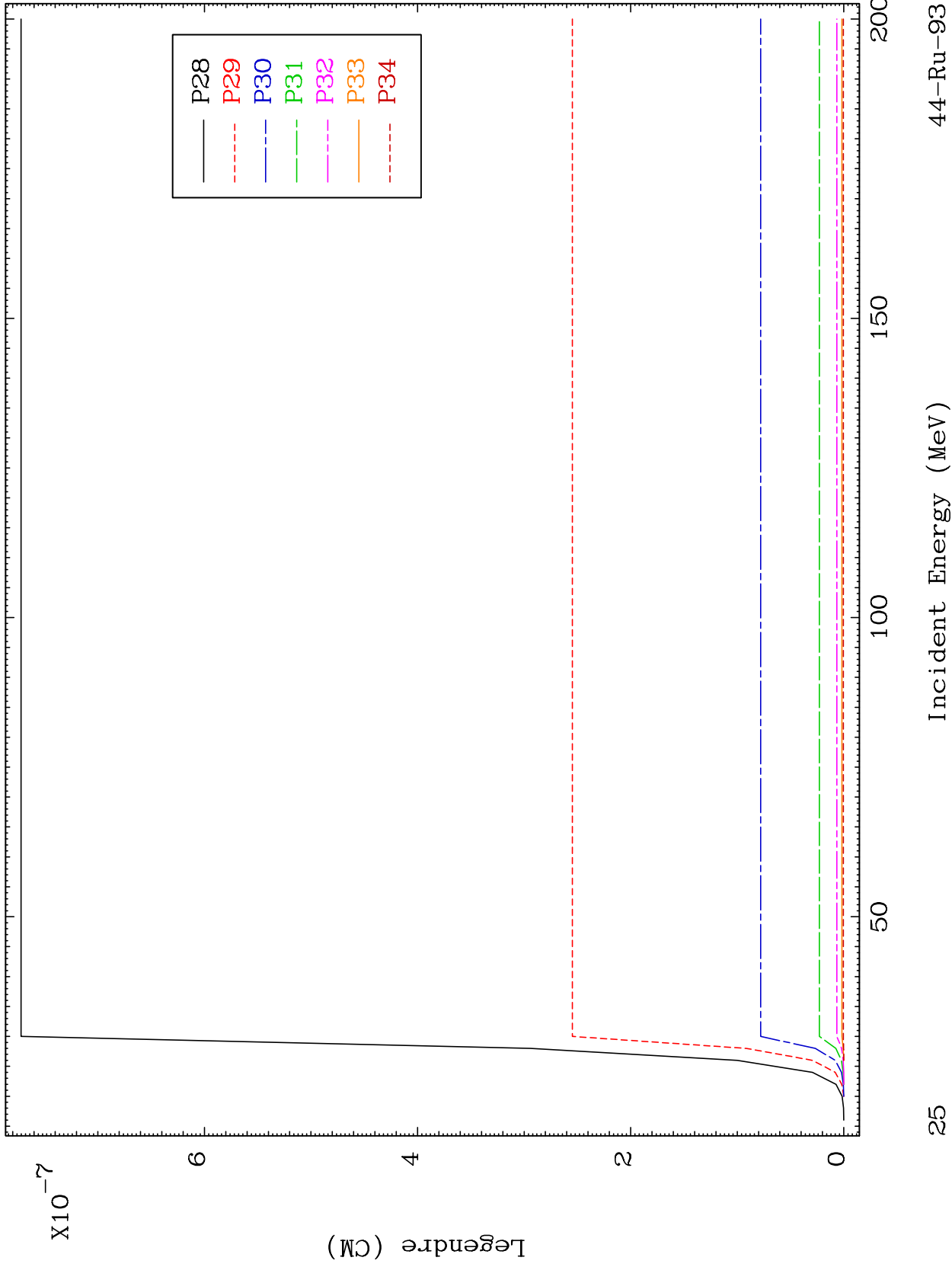
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

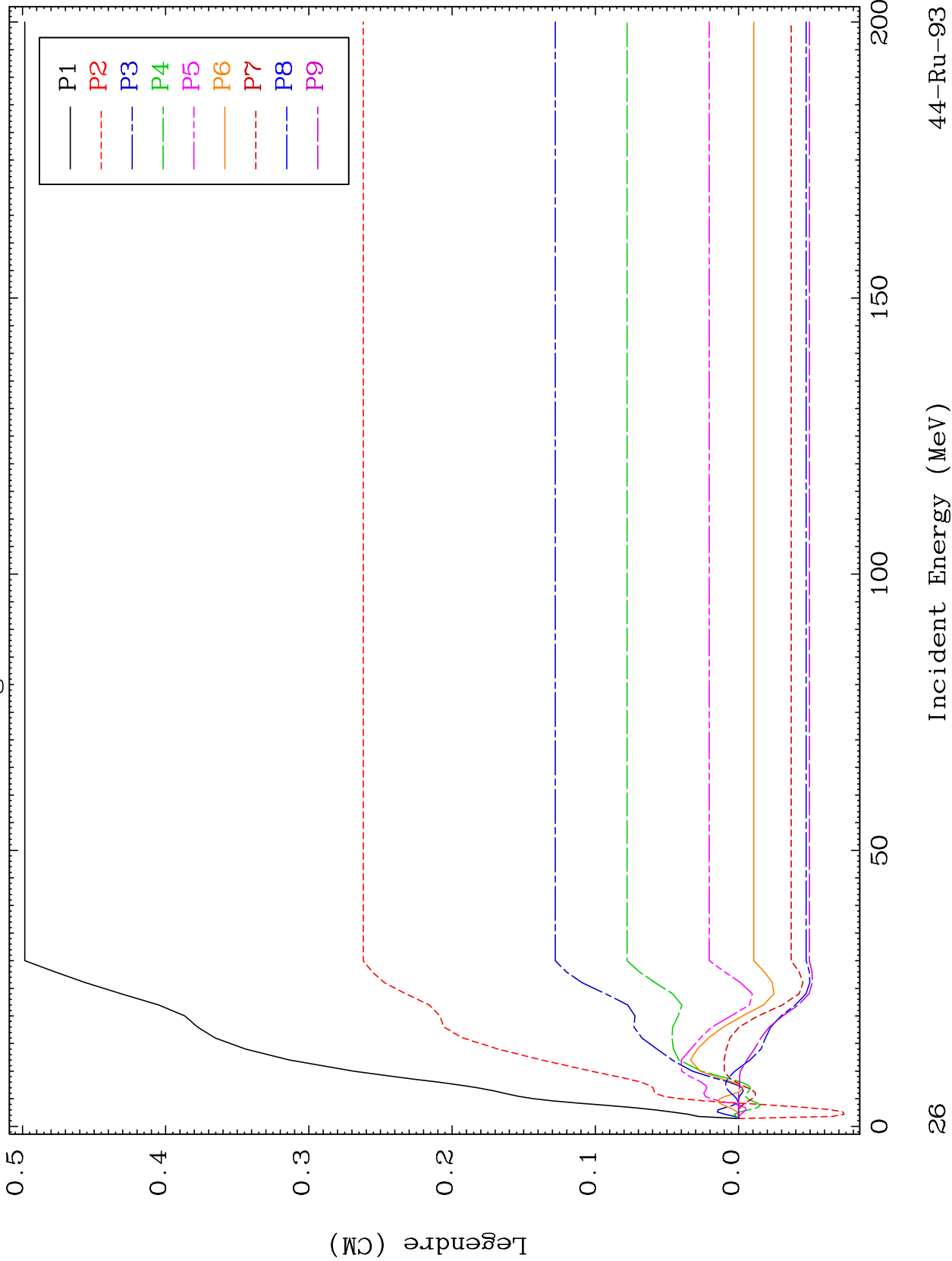
44-Ru-93



MAT 4416

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

44-Ru-93

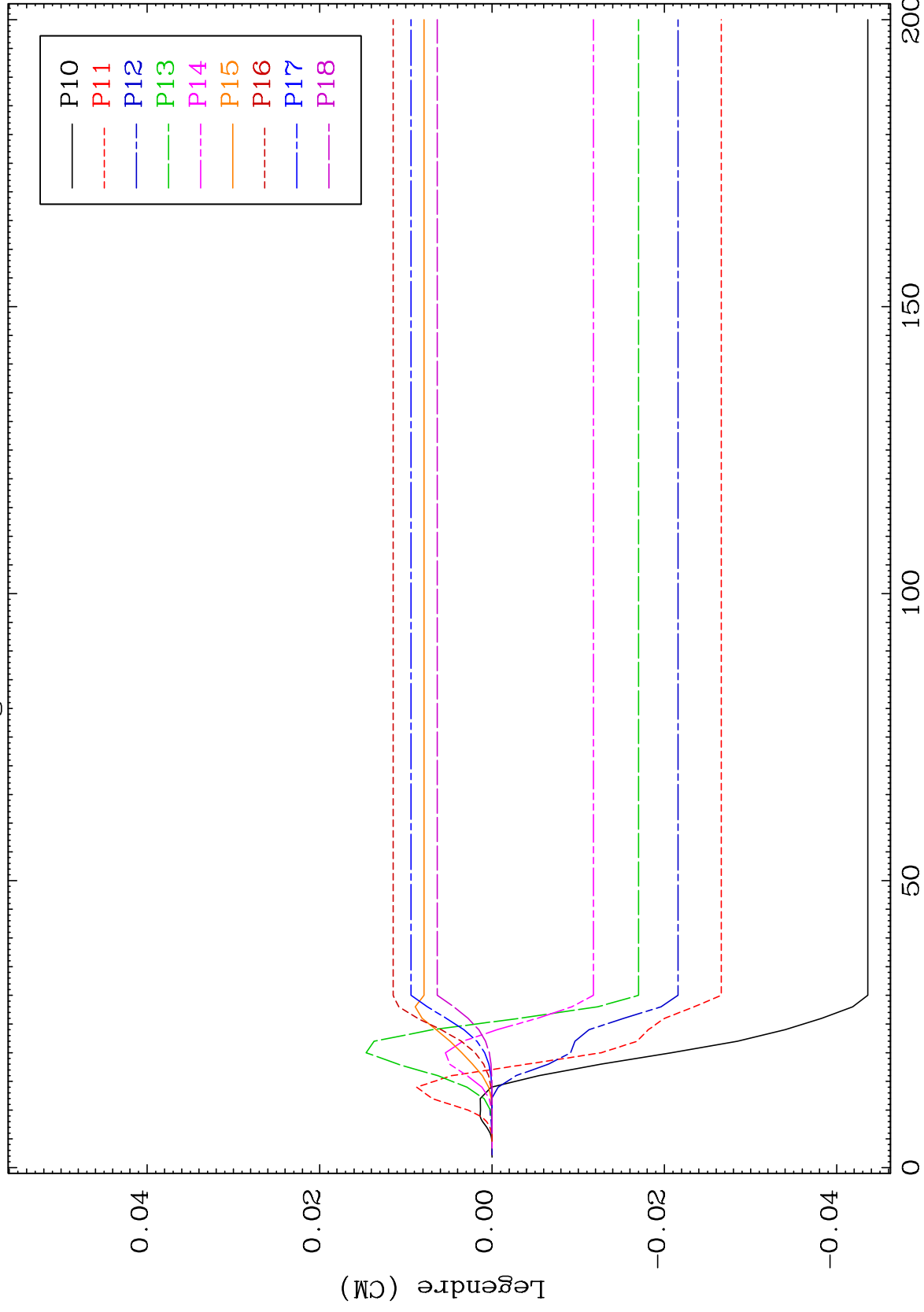


26

MAT 4416

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

44-Ru-93



27

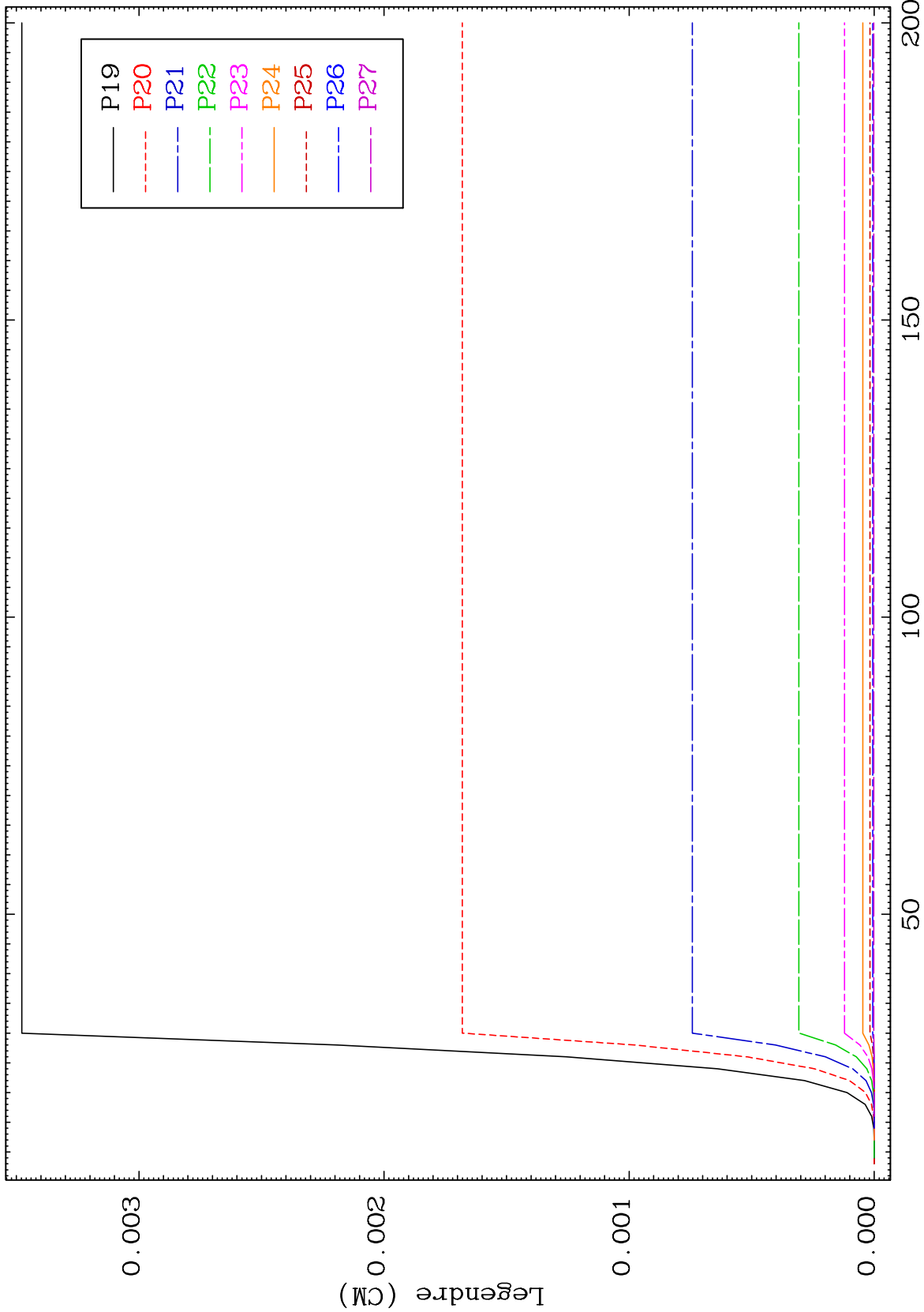
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



28

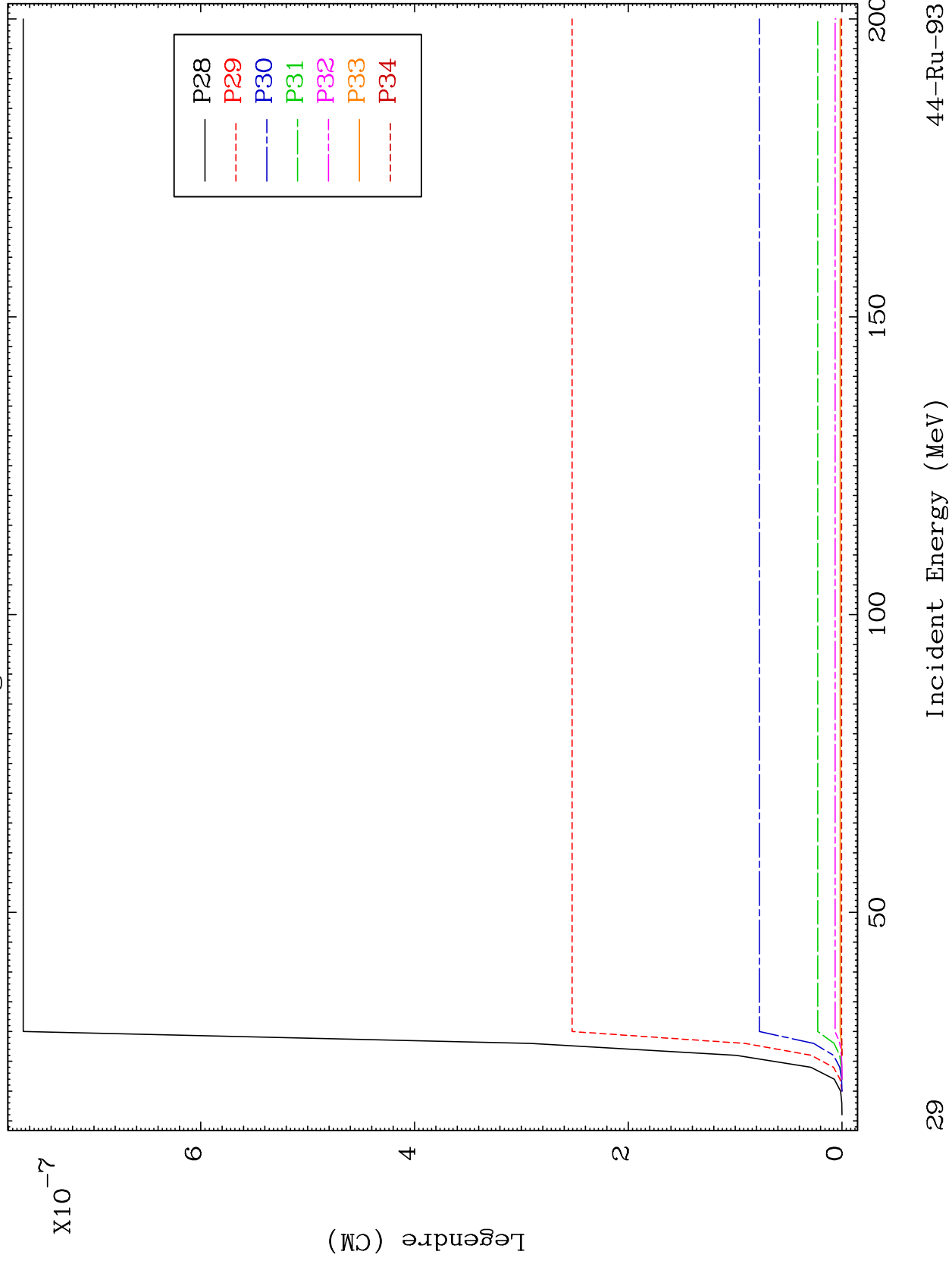
Incident Energy (MeV)

44-Ru-93

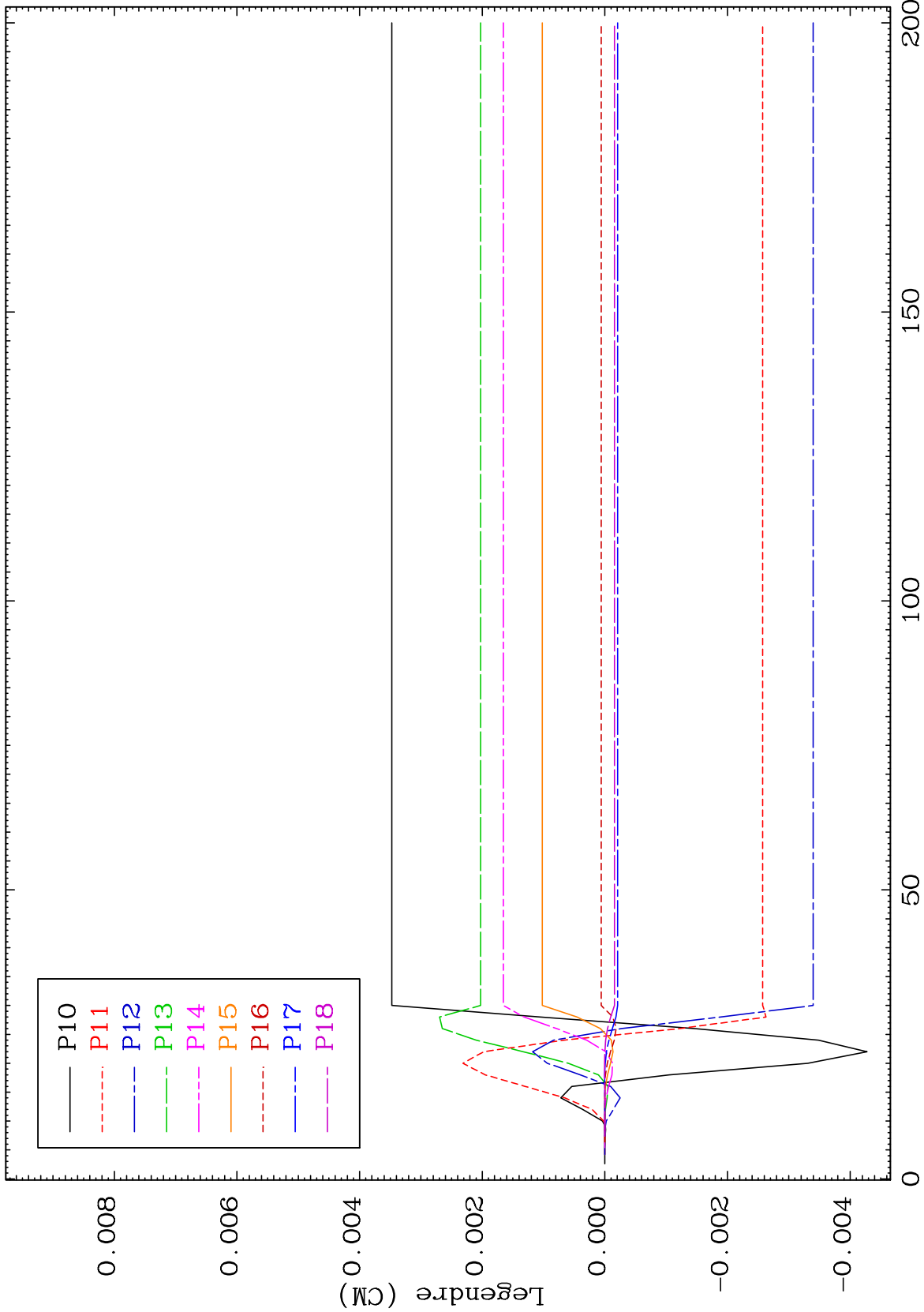
MAT 4416

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

44-Ru-93



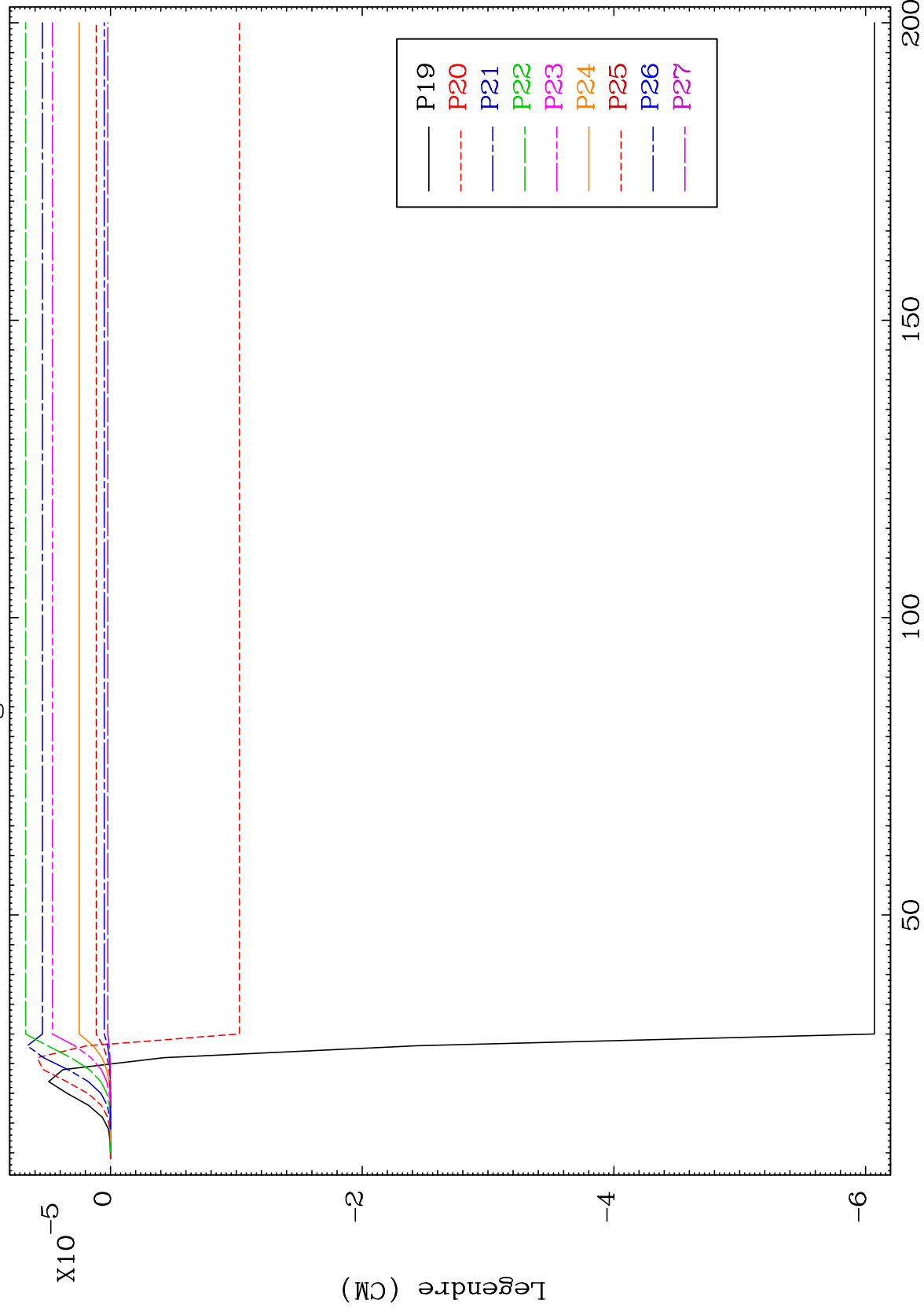




MAT 4416

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

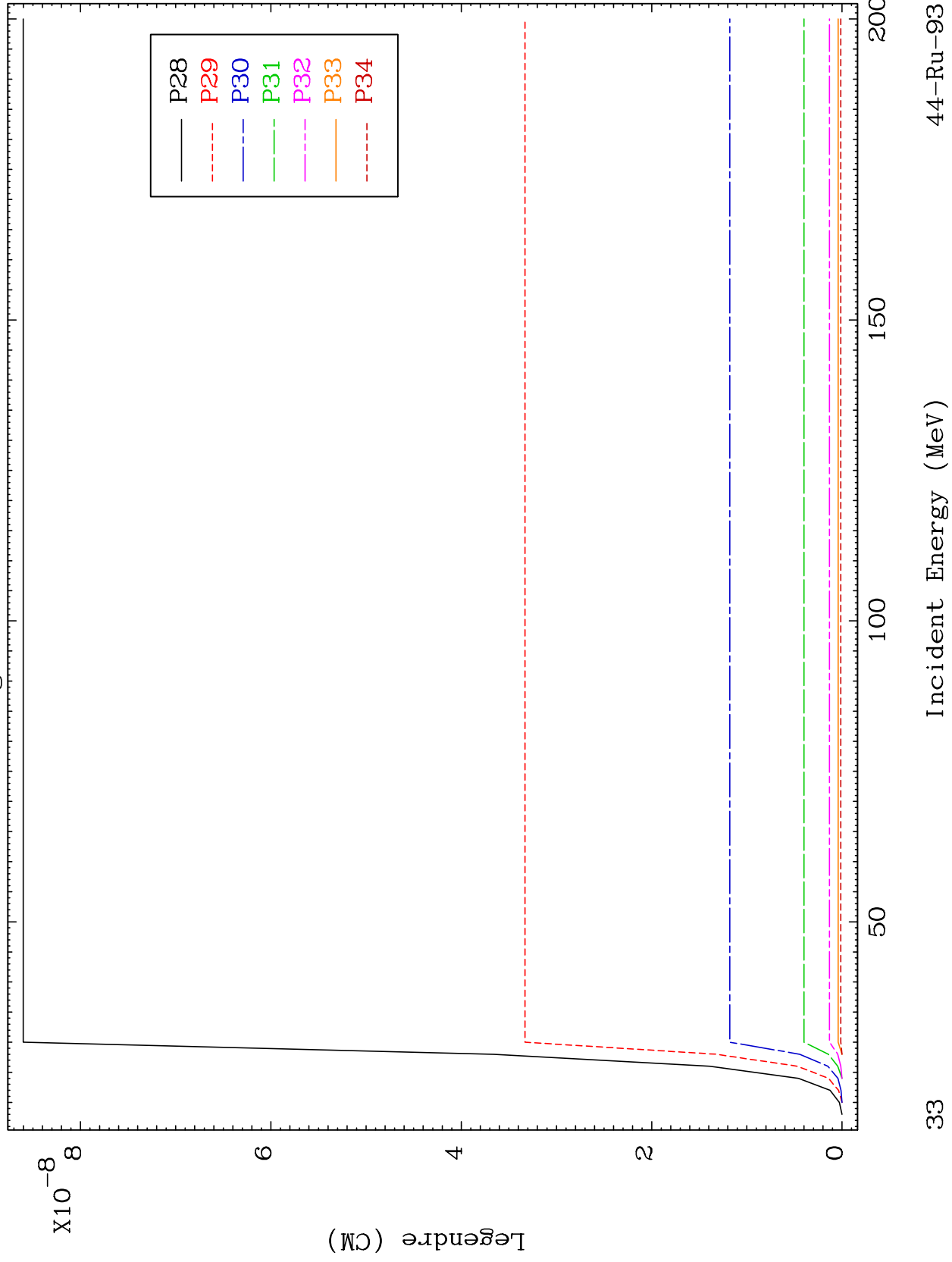
44-Ru-93



MAT 4416

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

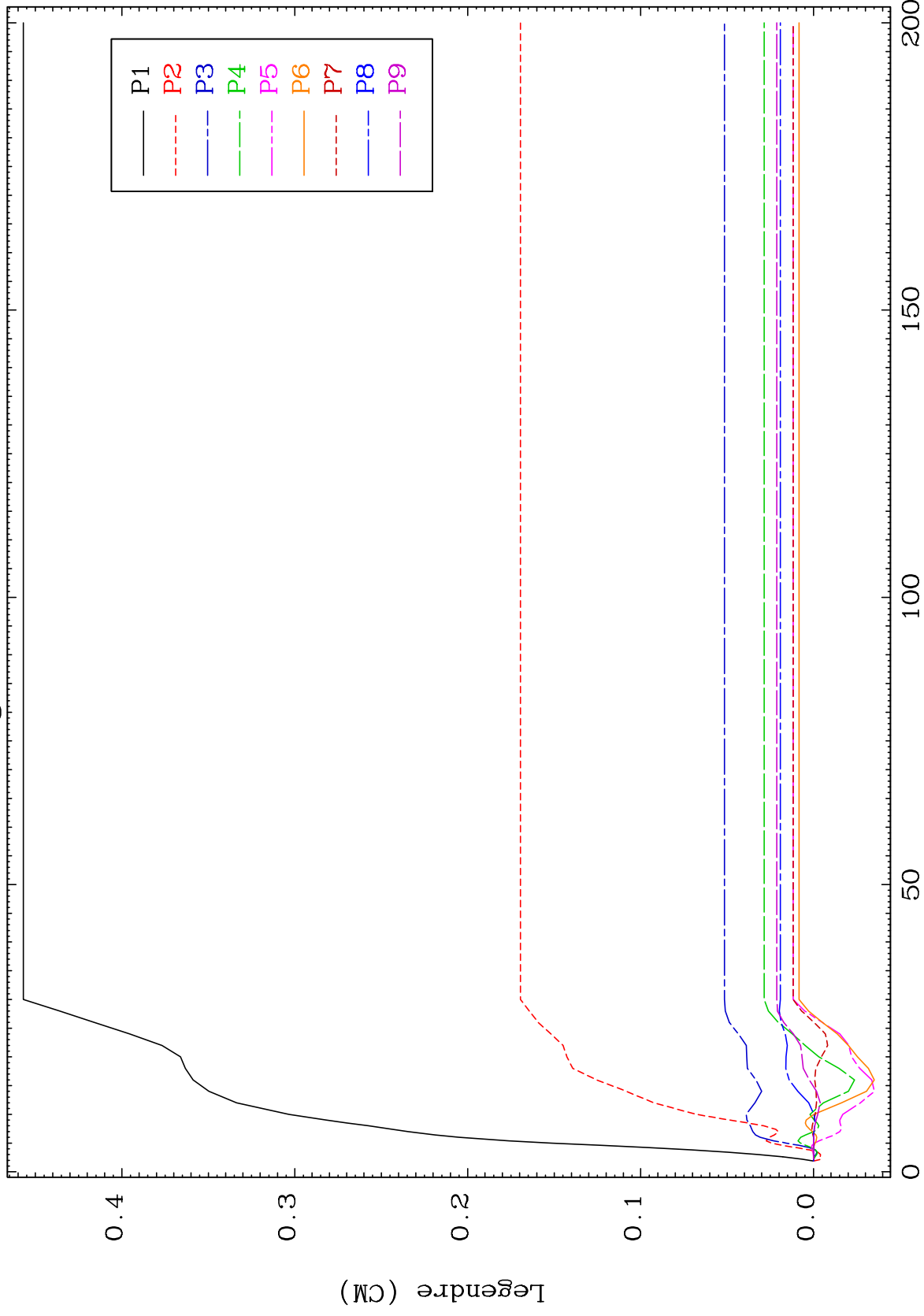
44-Ru-93



MAT 4416

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

44-Ru-93



34

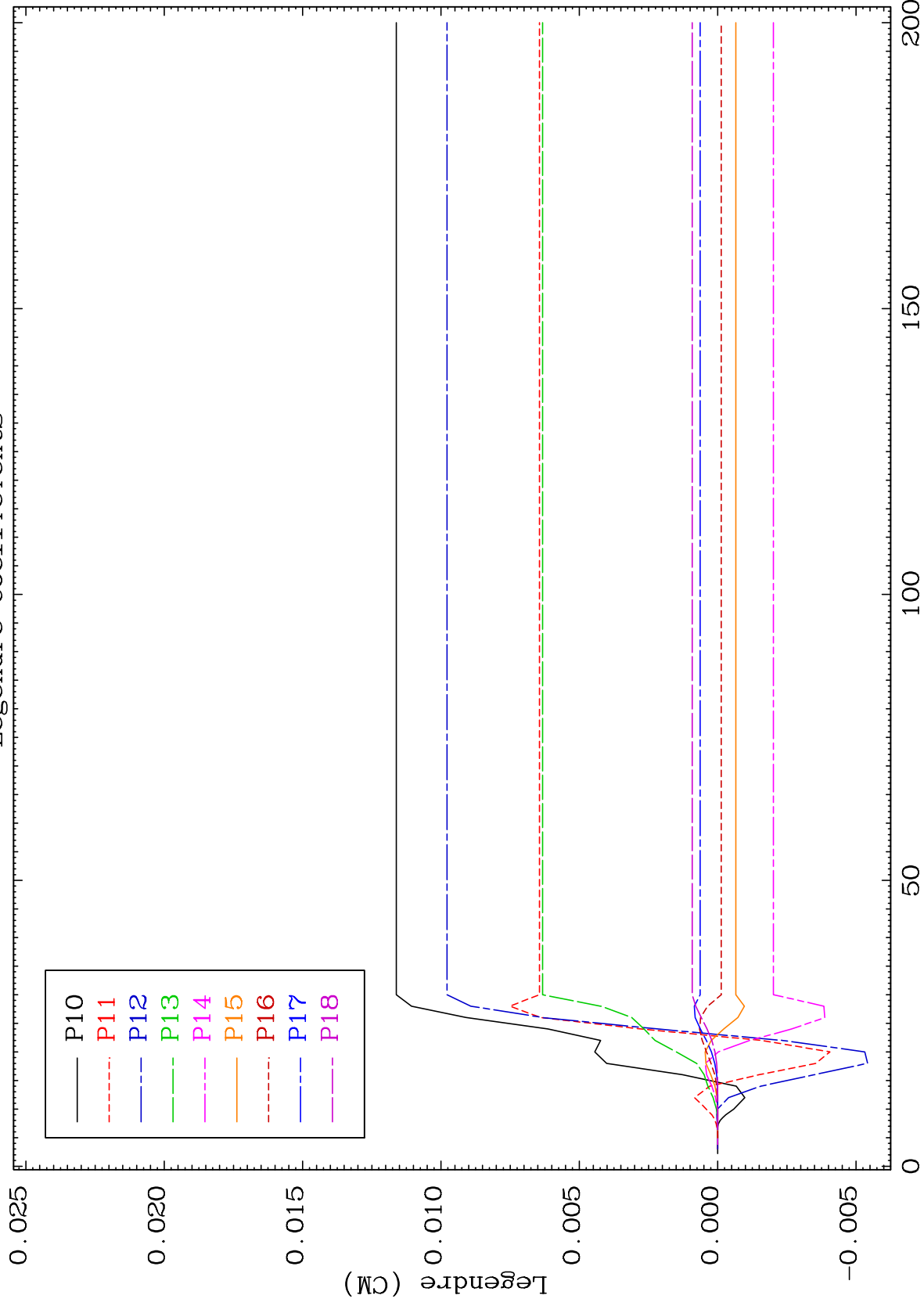
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



35

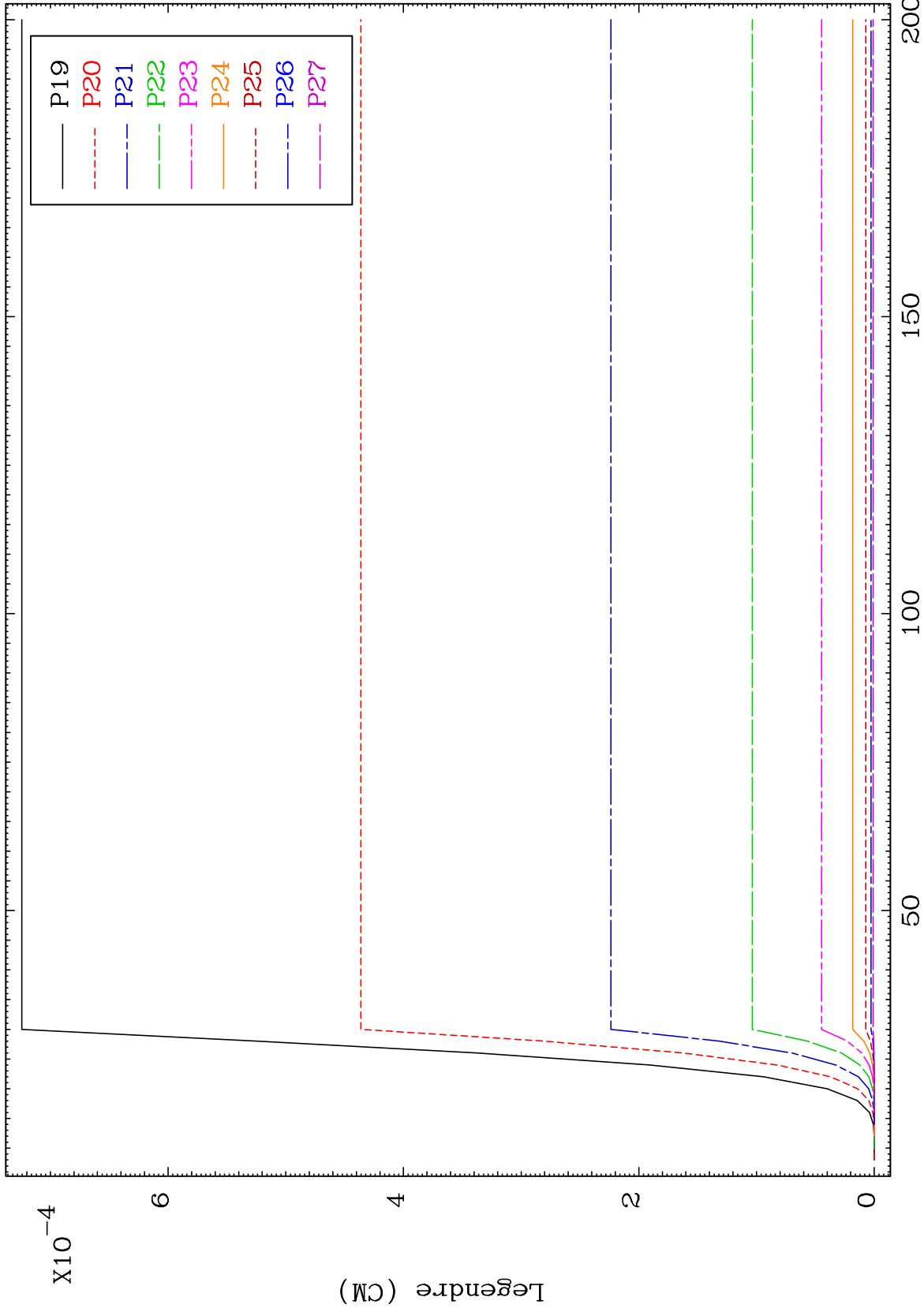
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



36

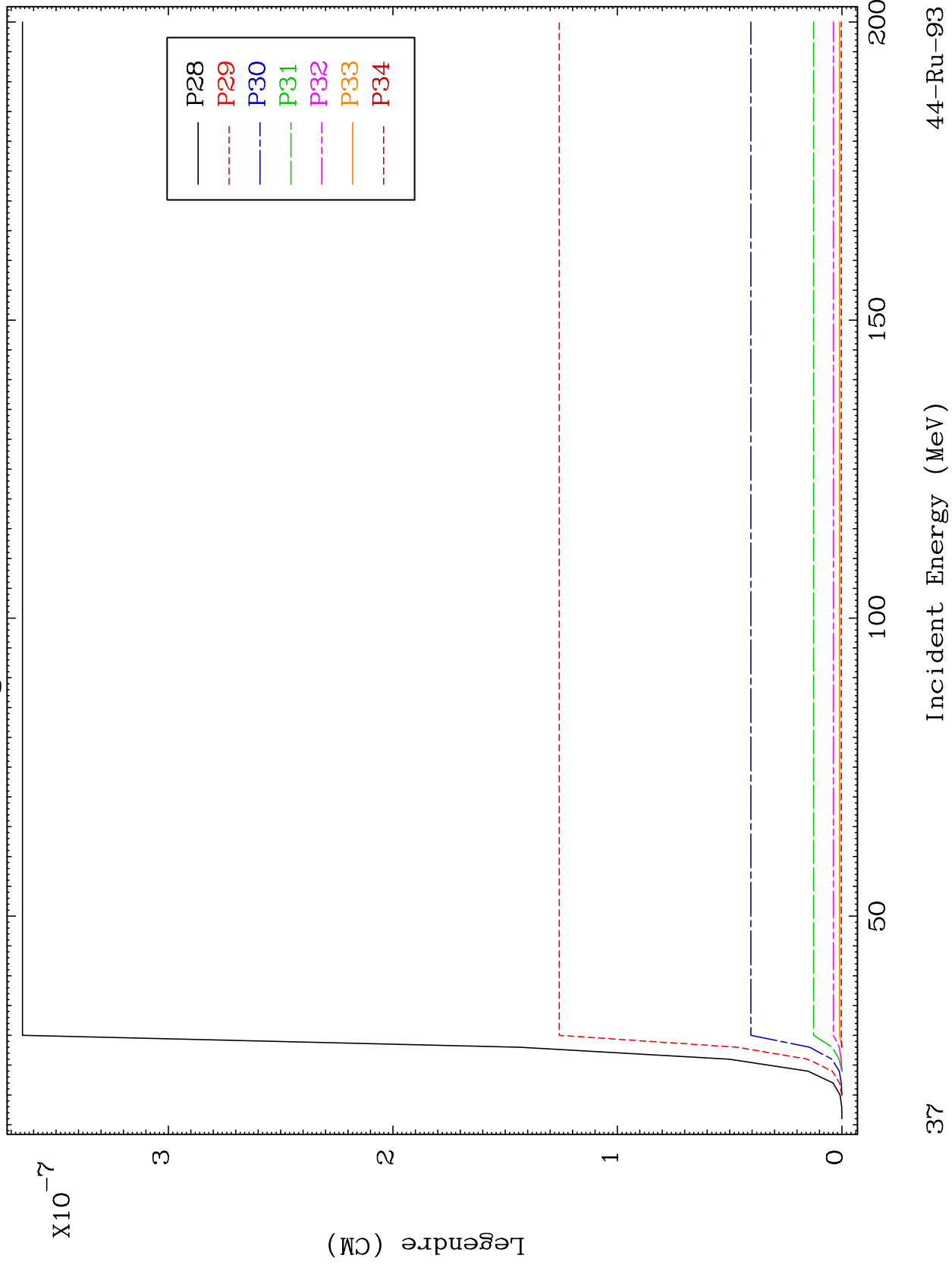
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



37

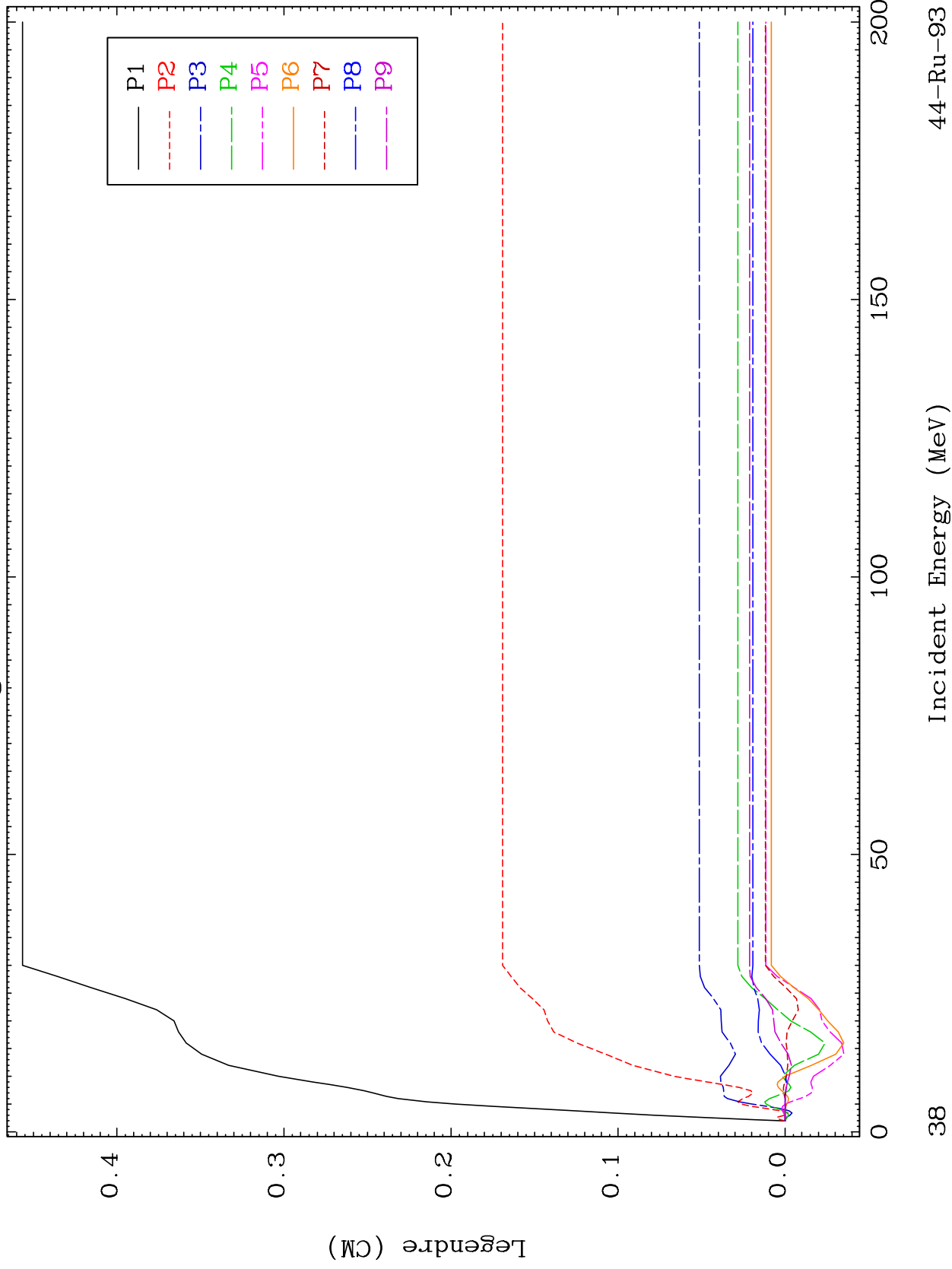
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93

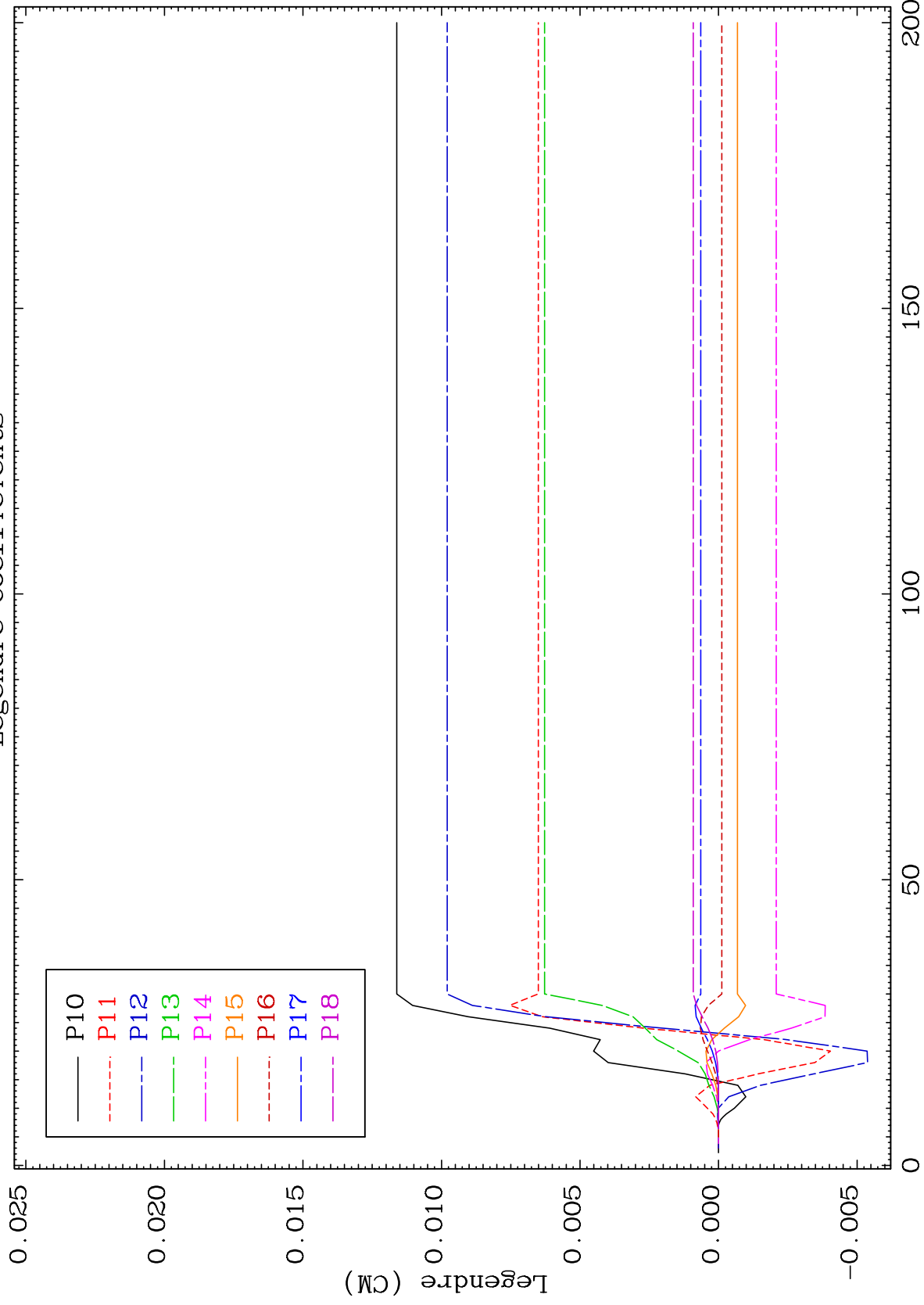


38

MAT 4416

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

44-Ru-93



39

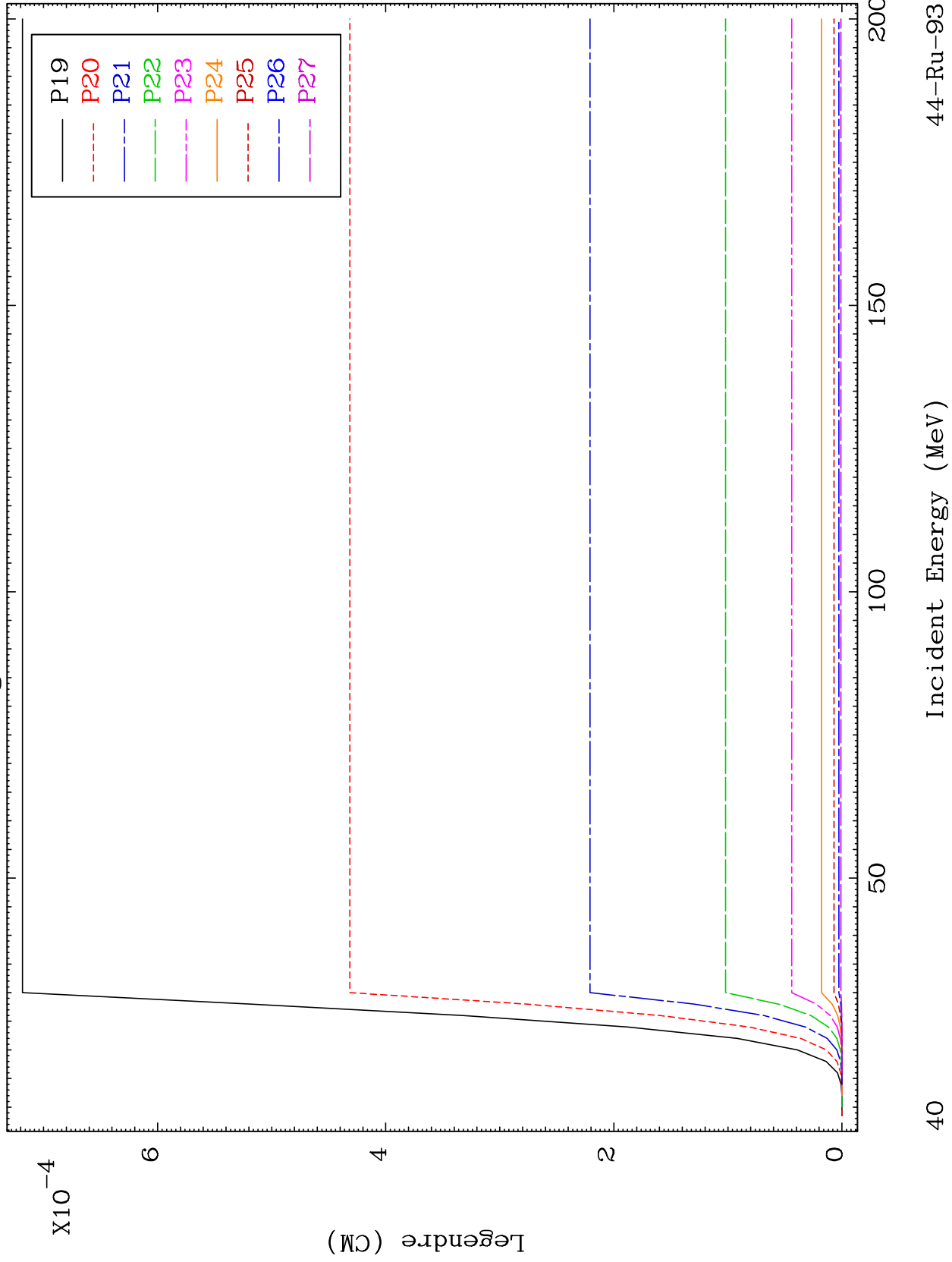
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

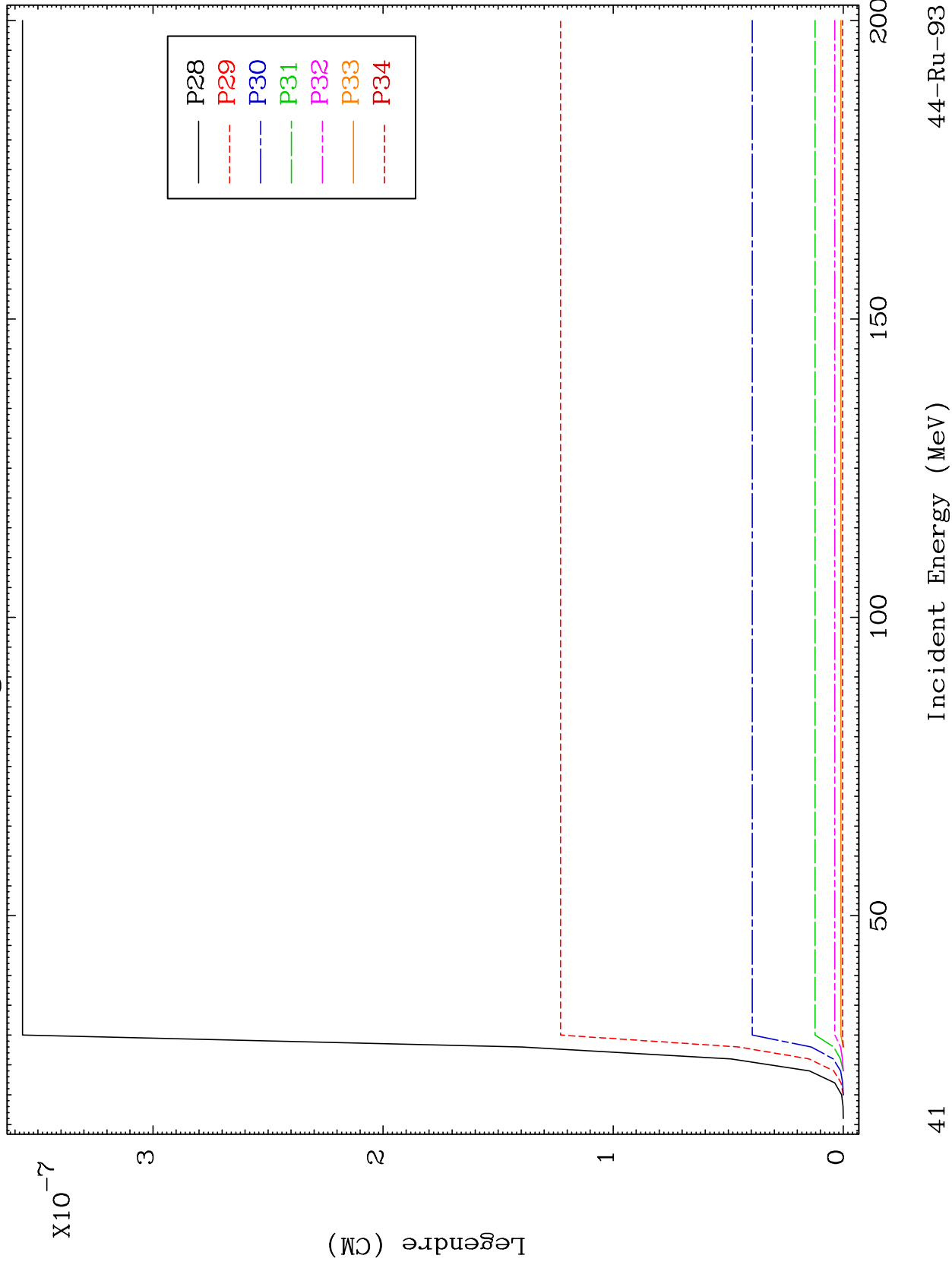
44-Ru-93



MAT 4416

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

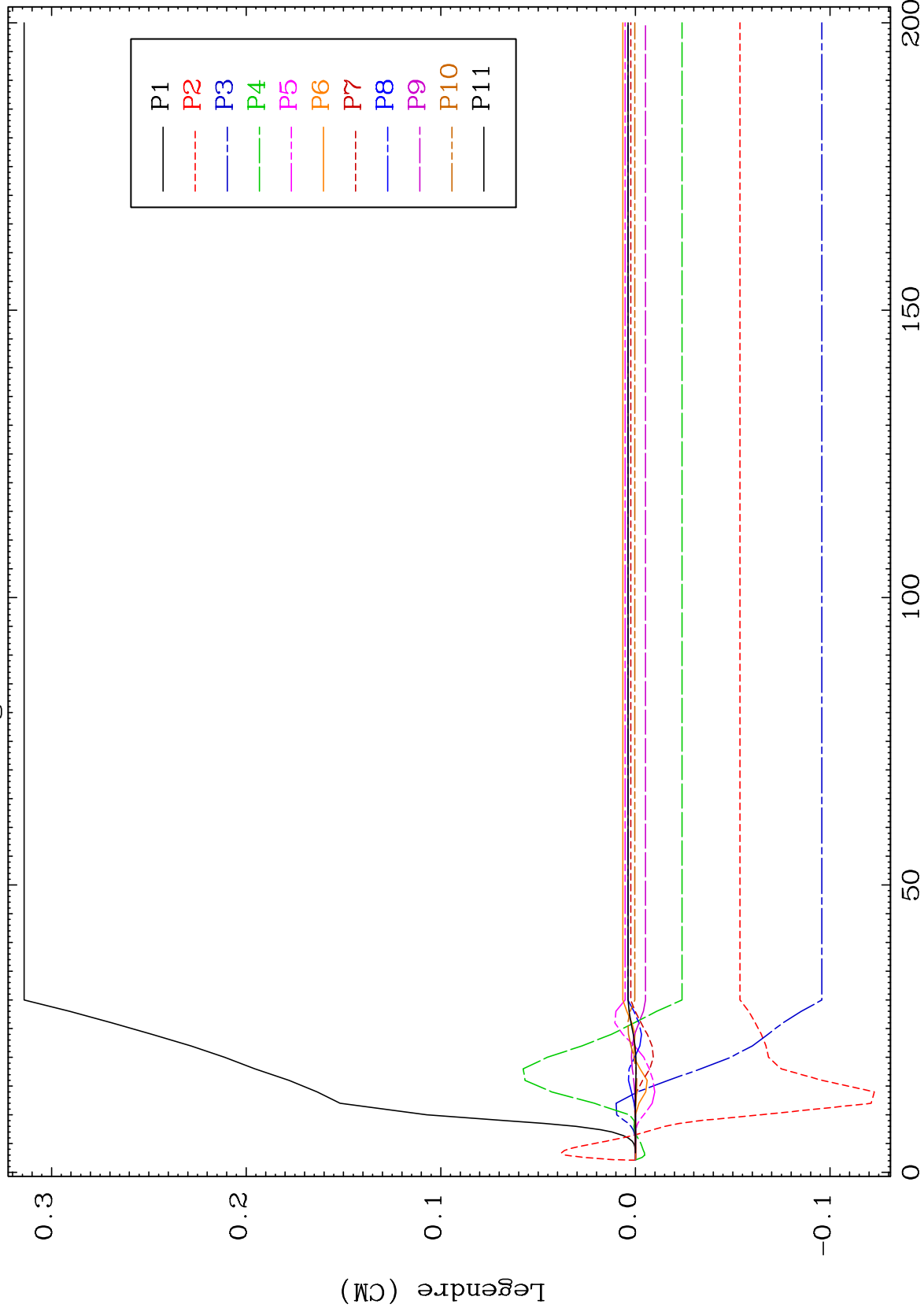
44-Ru-93



MAT 4416

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

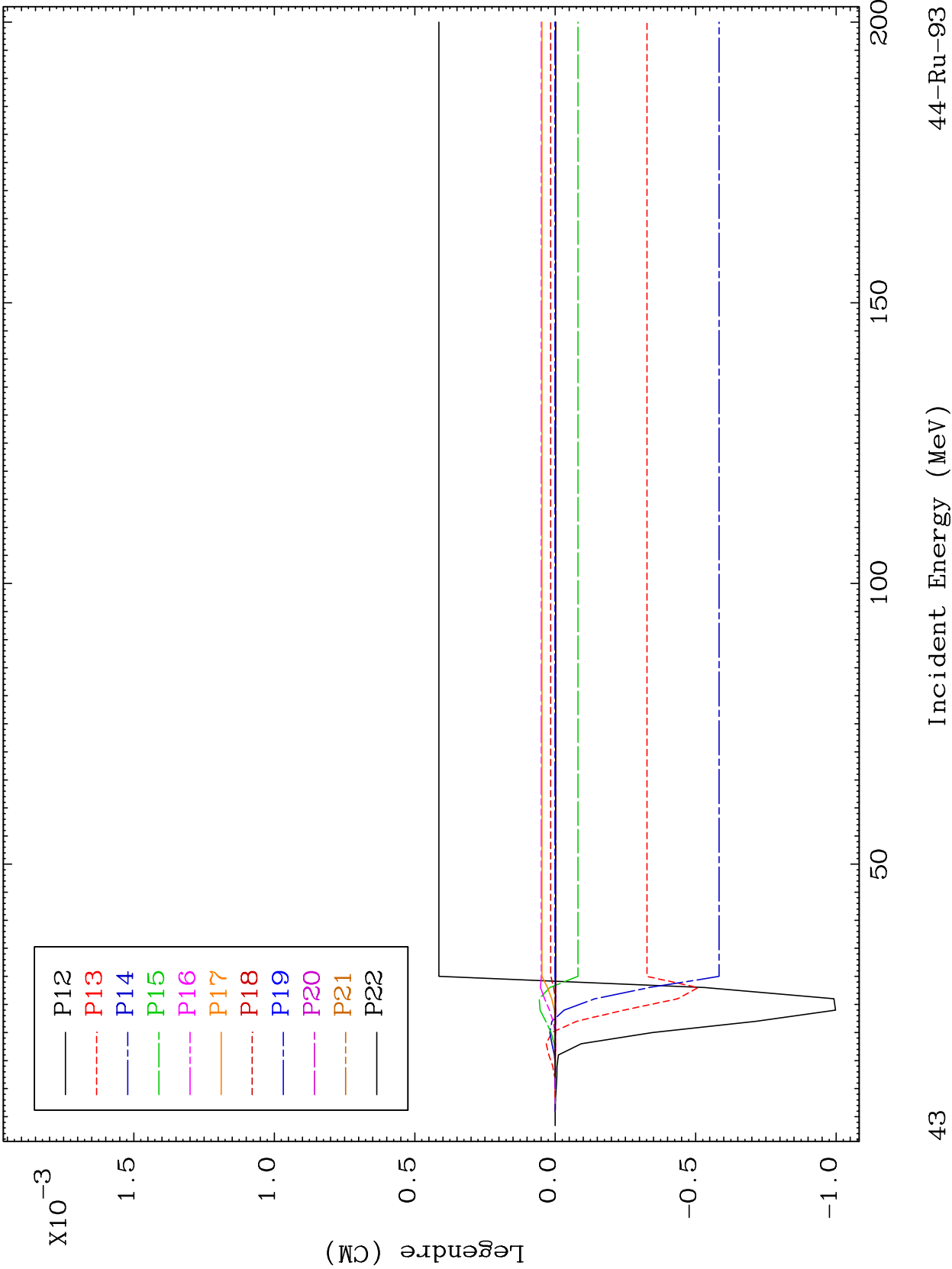
44-Ru-93



42

Incident Energy (MeV)

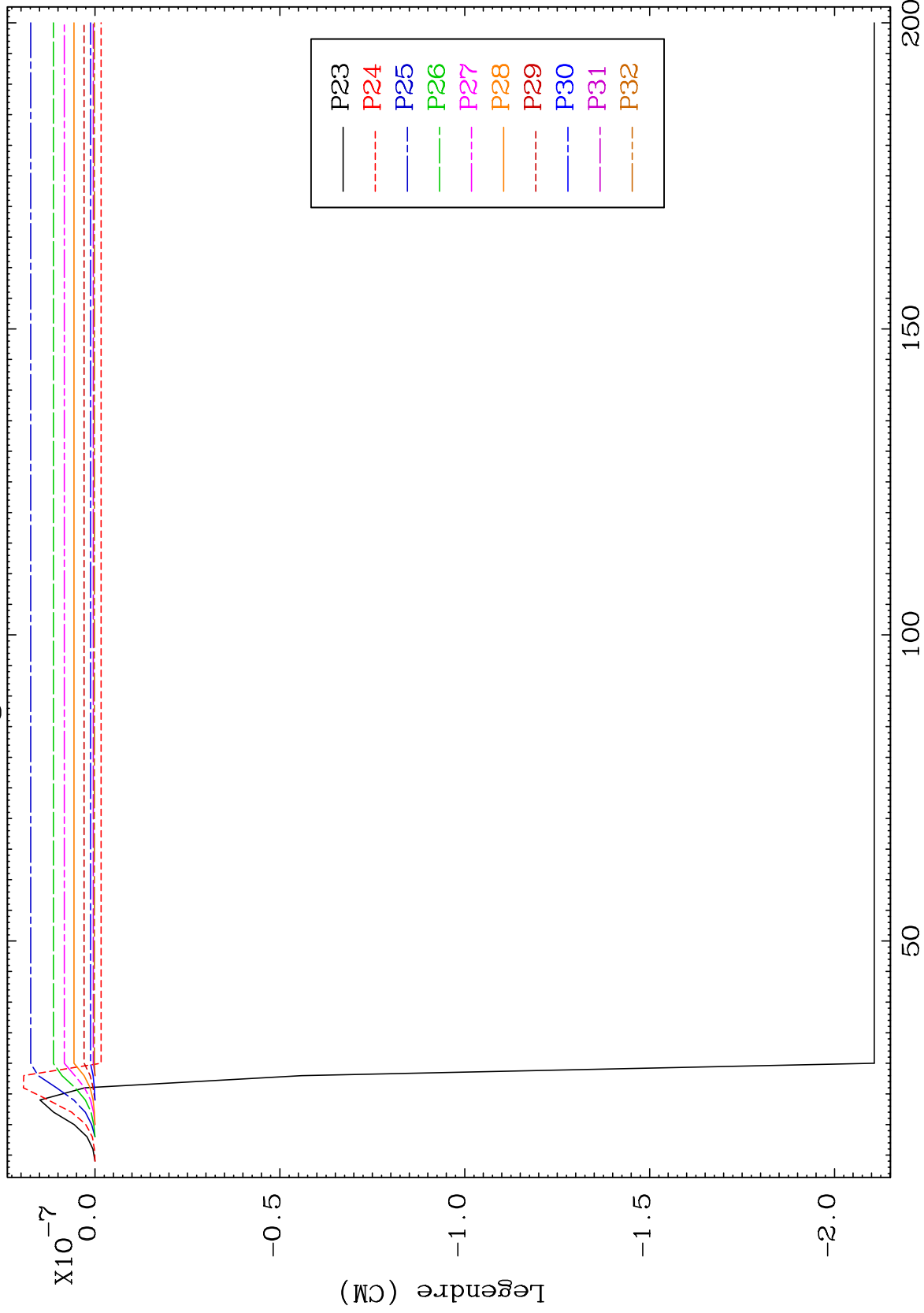
44-Ru-93



MAT 4416

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

44-Ru-93



44

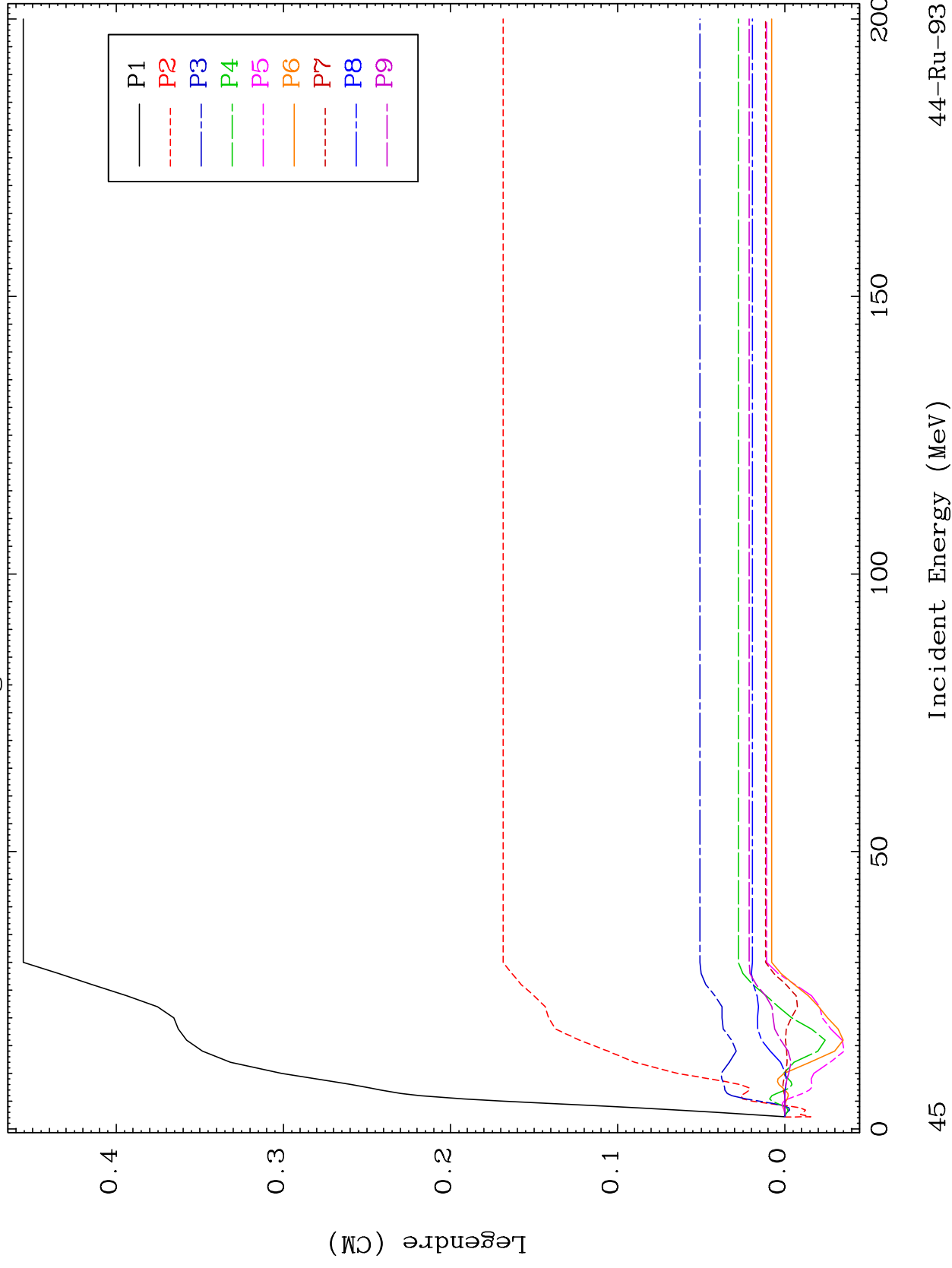
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



44-Ru-93

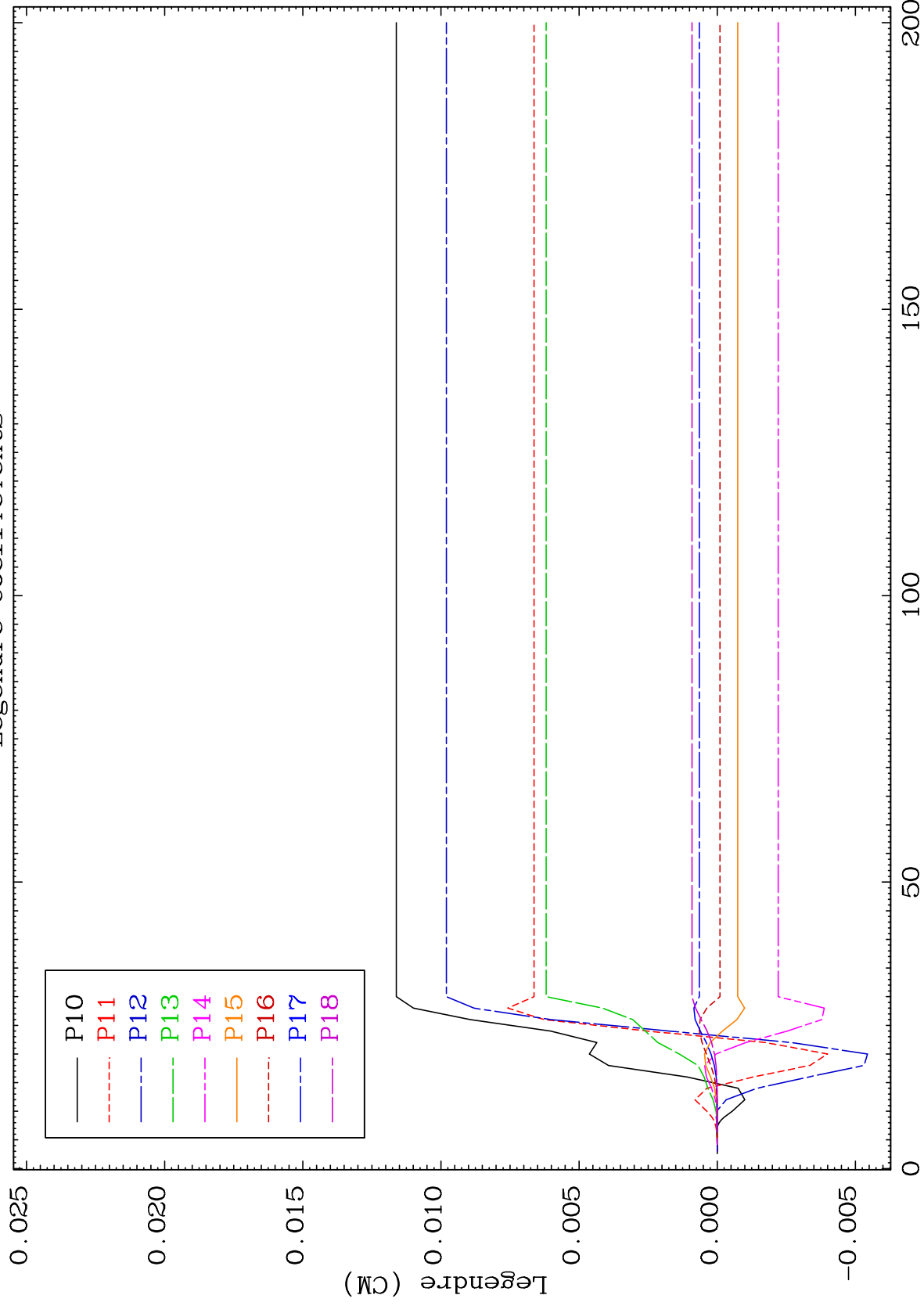
Incident Energy (MeV)

45

MAT 4416

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

44-Ru-93



46

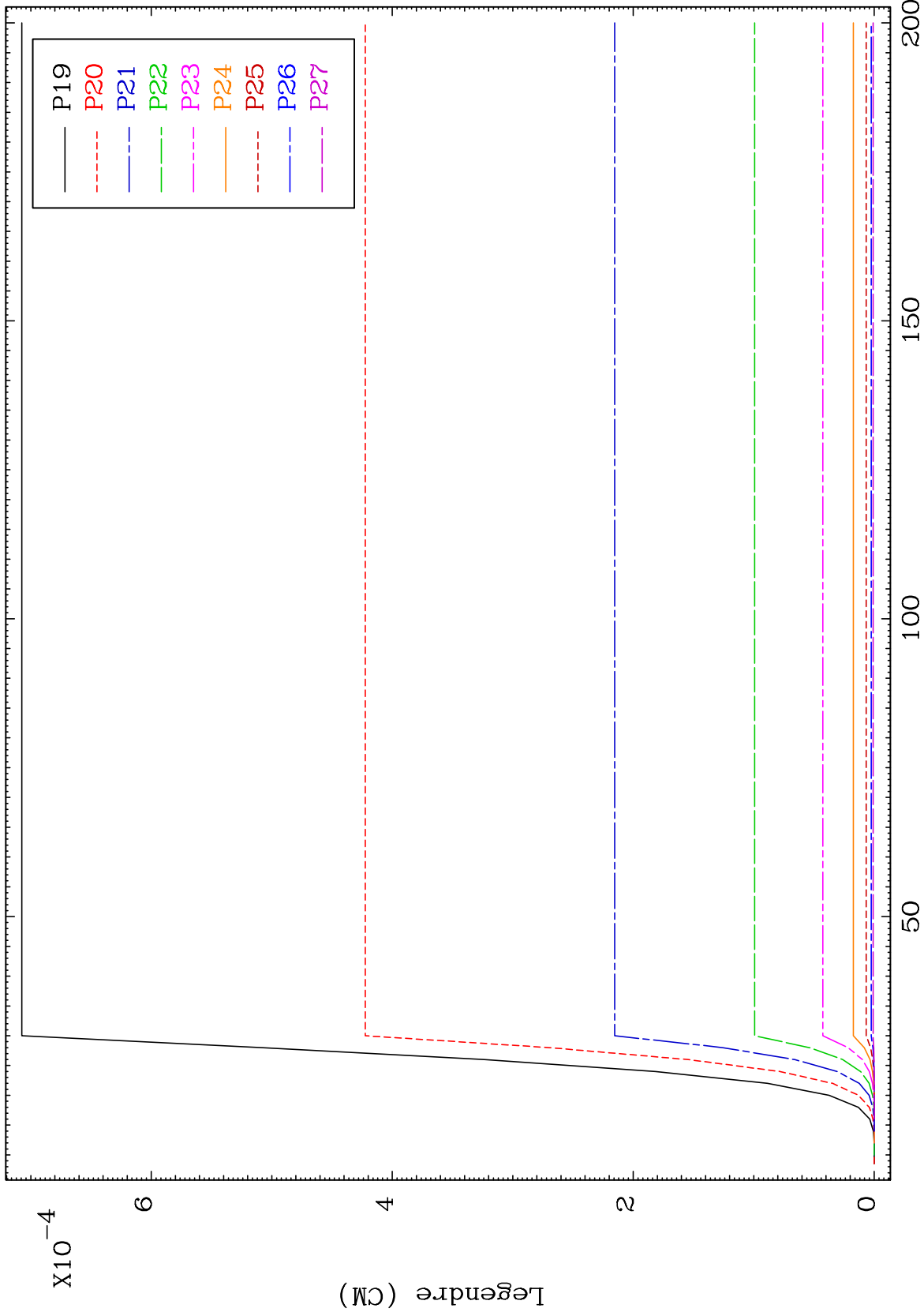
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

44-Ru-93



47

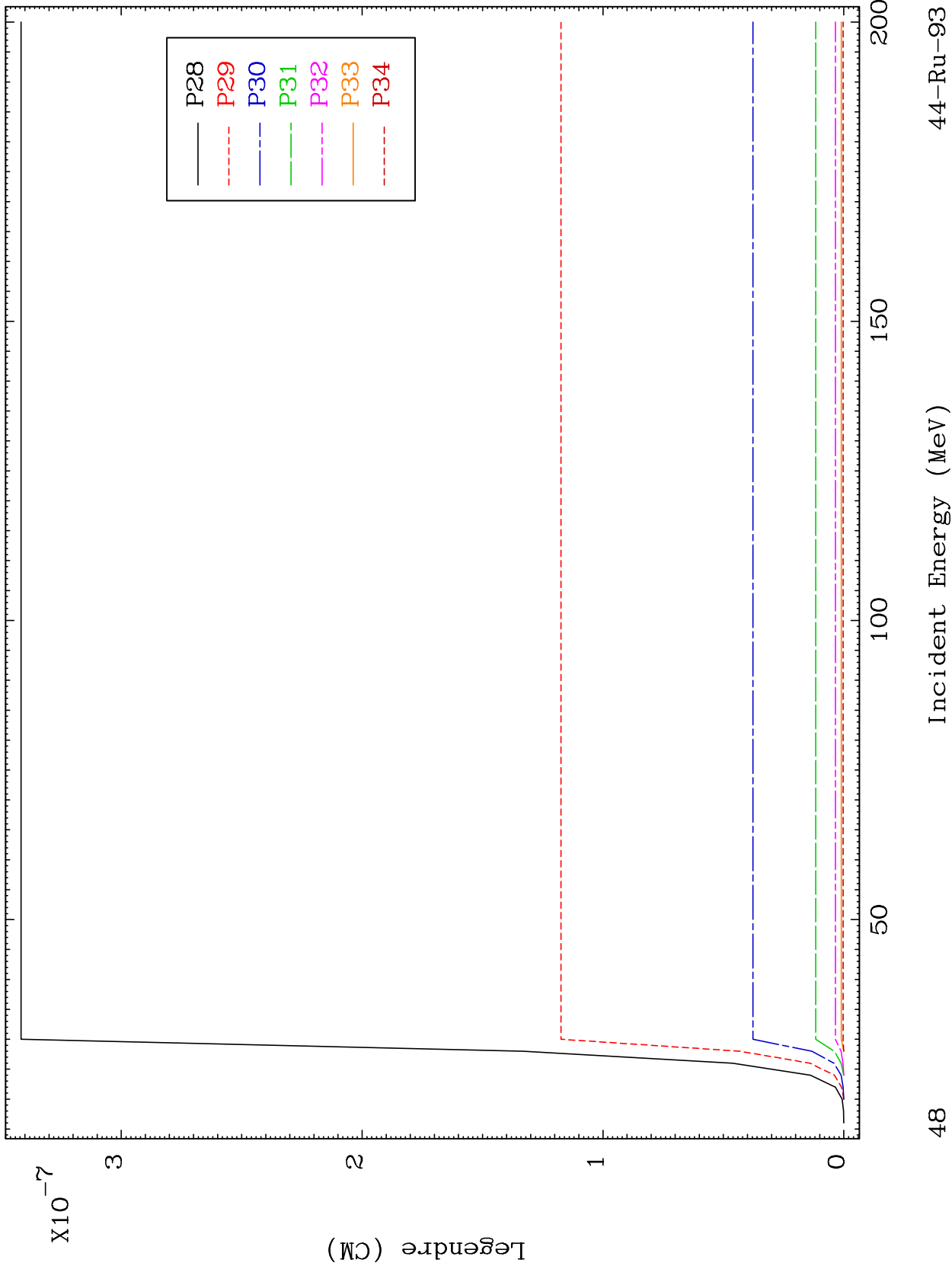
Incident Energy (MeV)

44-Ru-93

MAT 4416

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

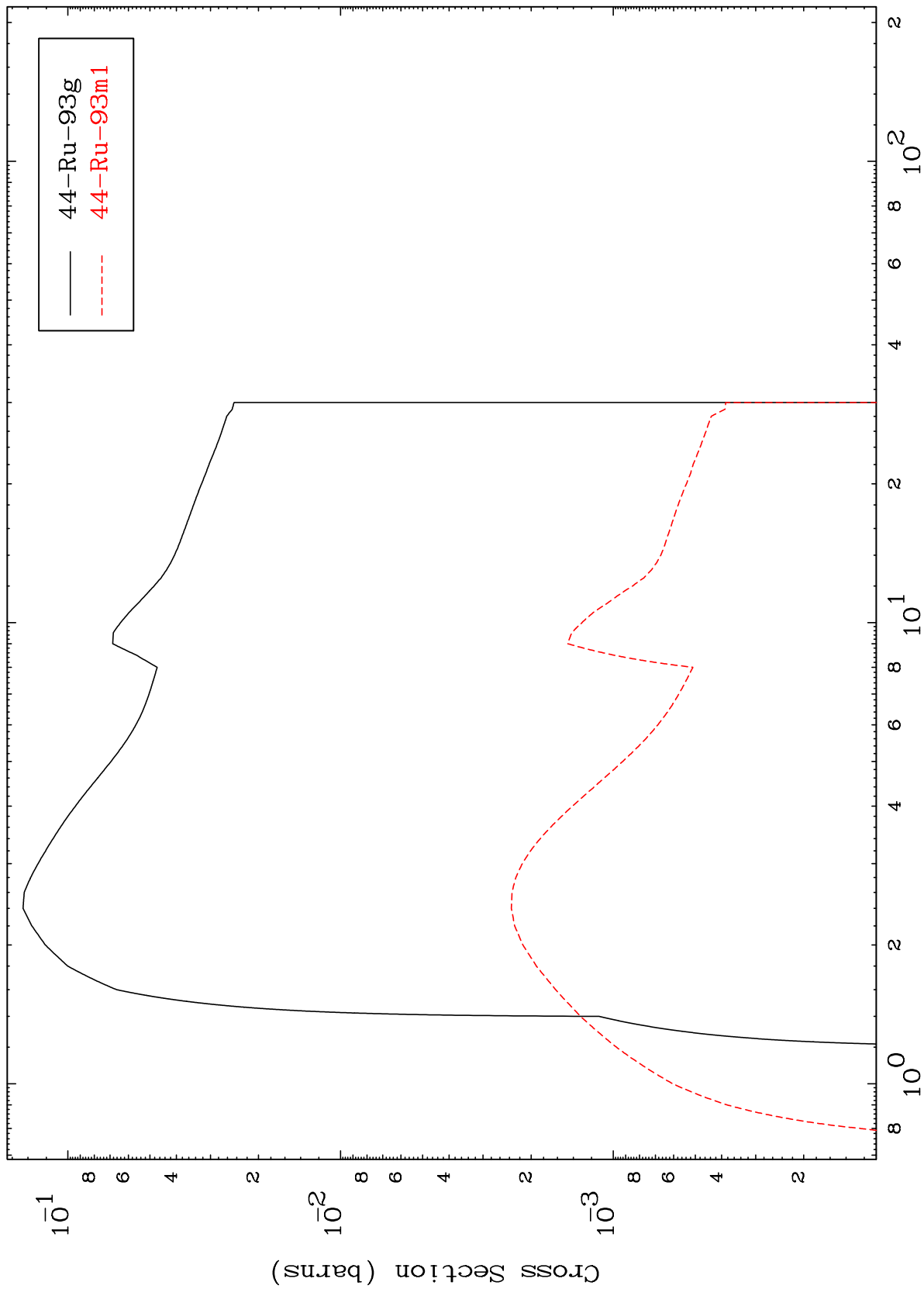
44-Ru-93



MAT 4416

44-Ru-93

Inelastic  
Radionuclide Production Cross Section



49

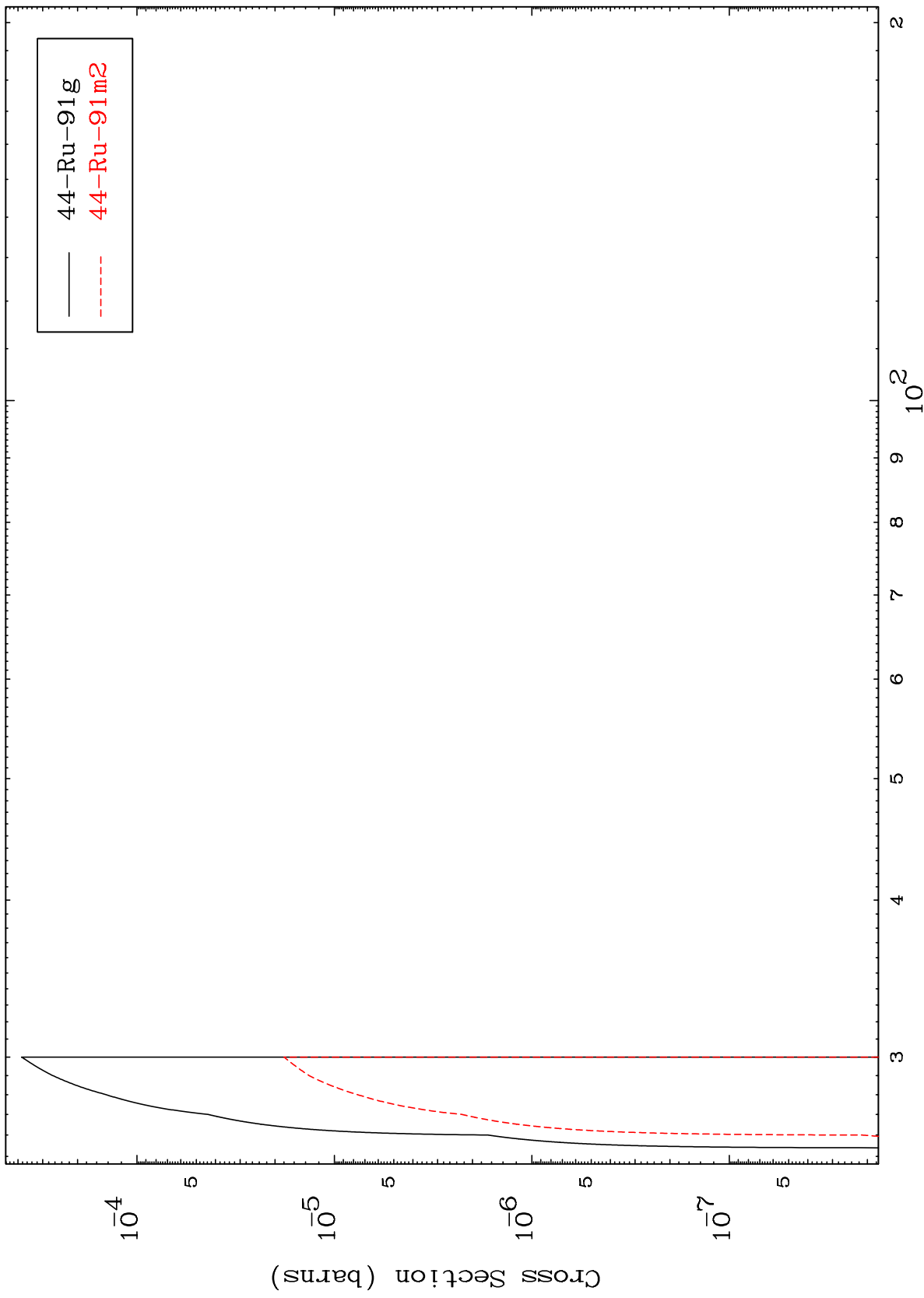
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

(n,3n)  
Radionuclide Production Cross Section



50

Incident Energy (MeV)

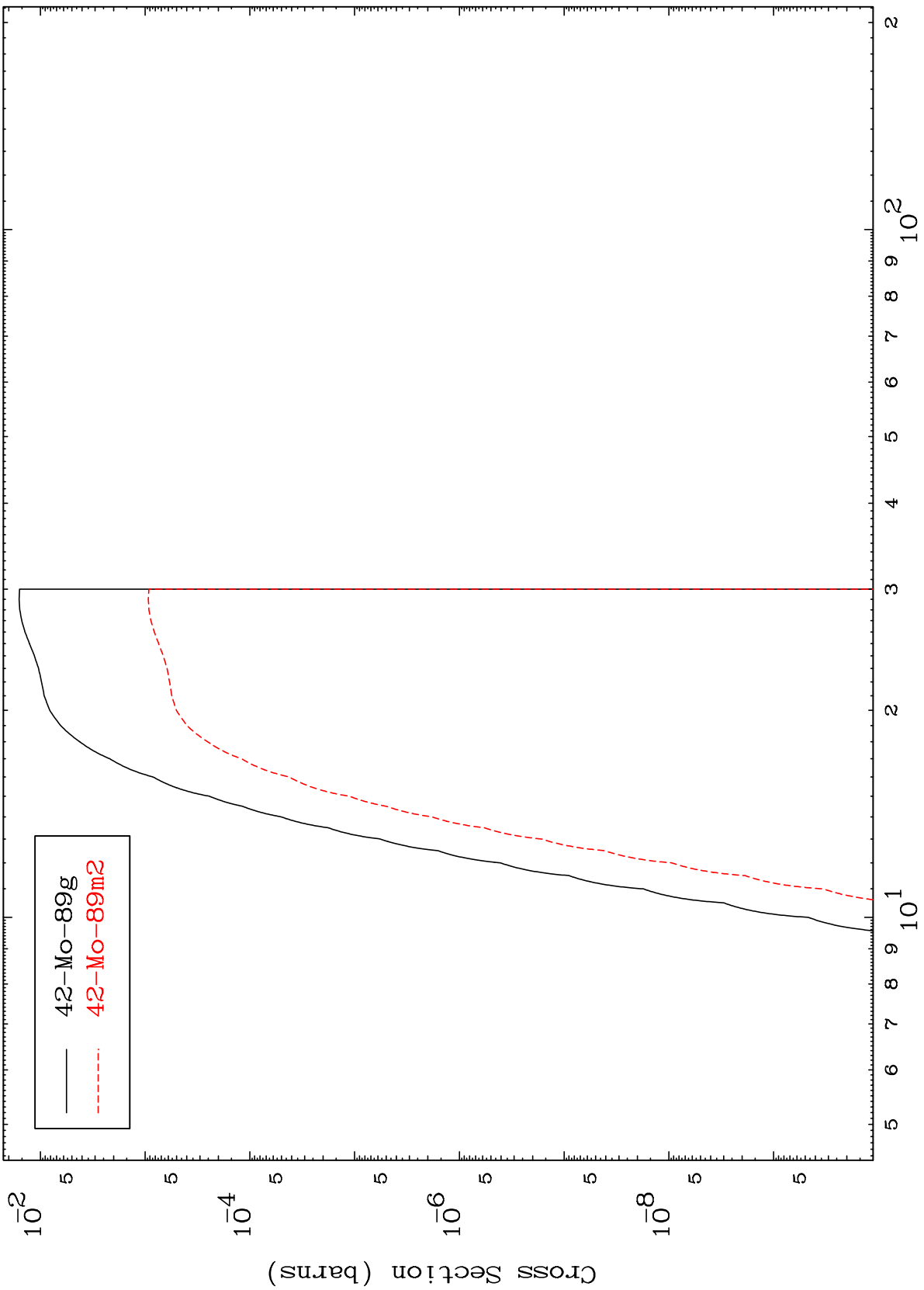
44-Ru-93

MAT 4416

(n,n')  $\alpha$

44-Ru-93

Radionuclide Production Cross Section



51

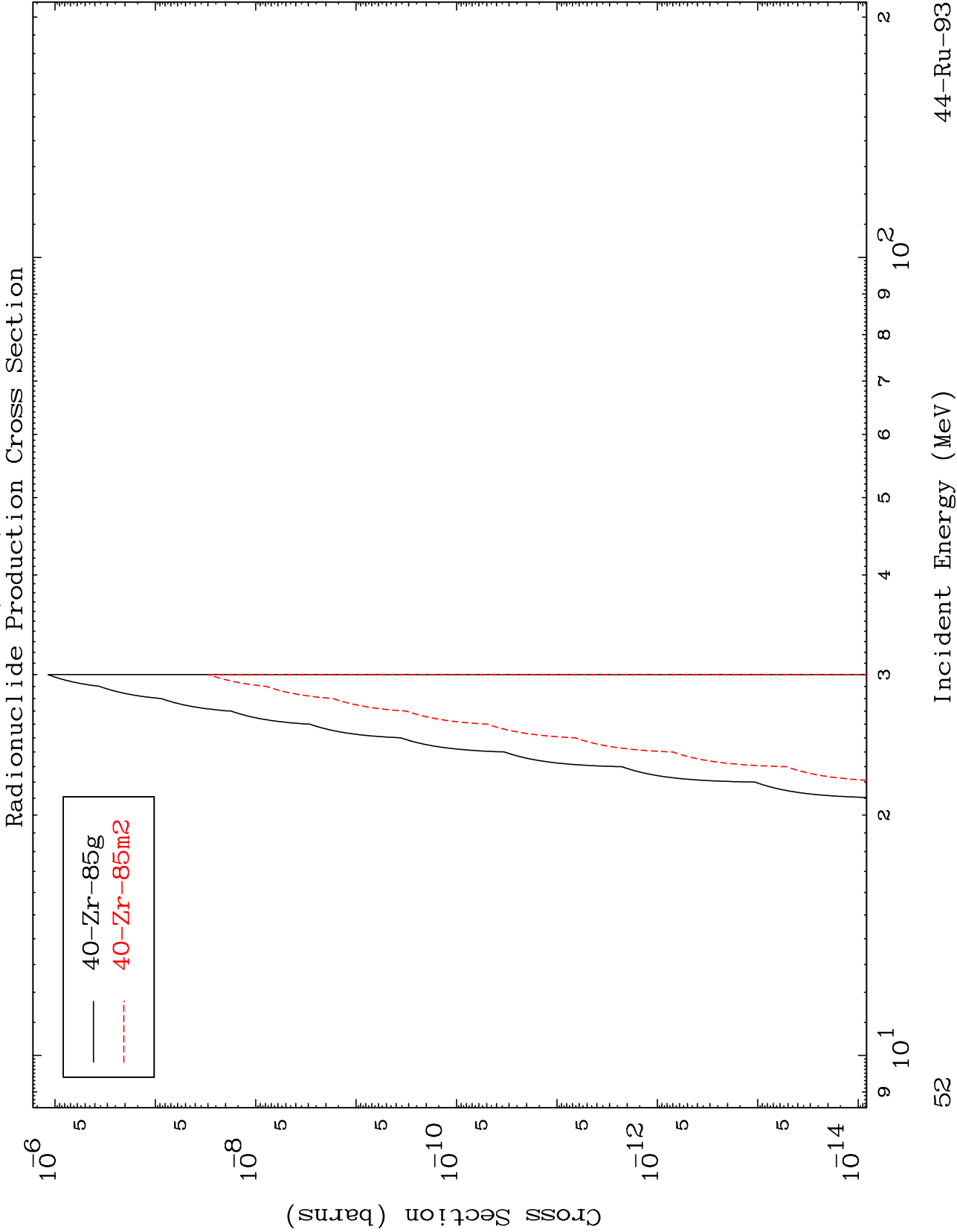
44-Ru-93

44-Ru-93

MAT 4416

(n,n') 2 $\alpha$

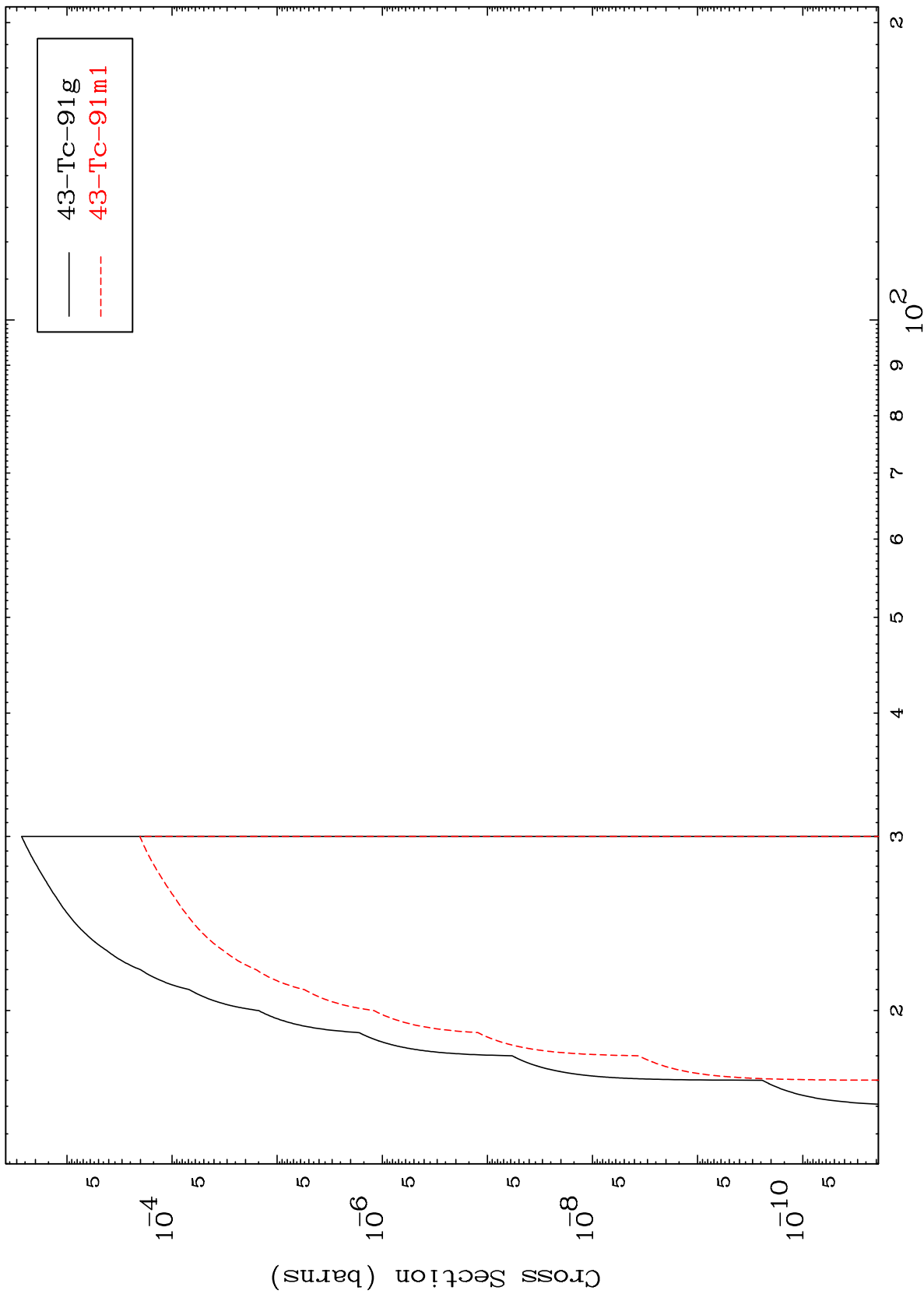
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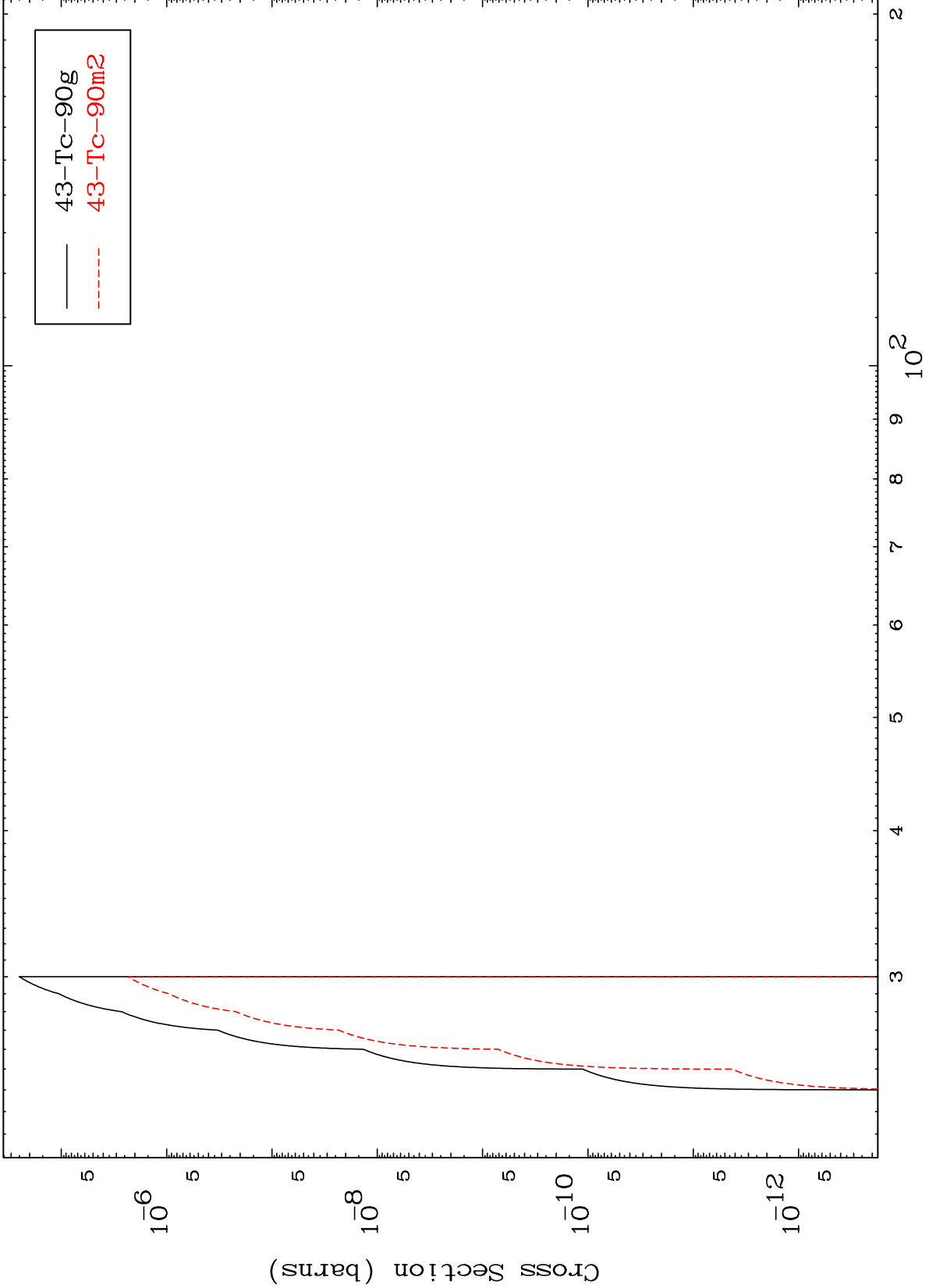
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44-Ru-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

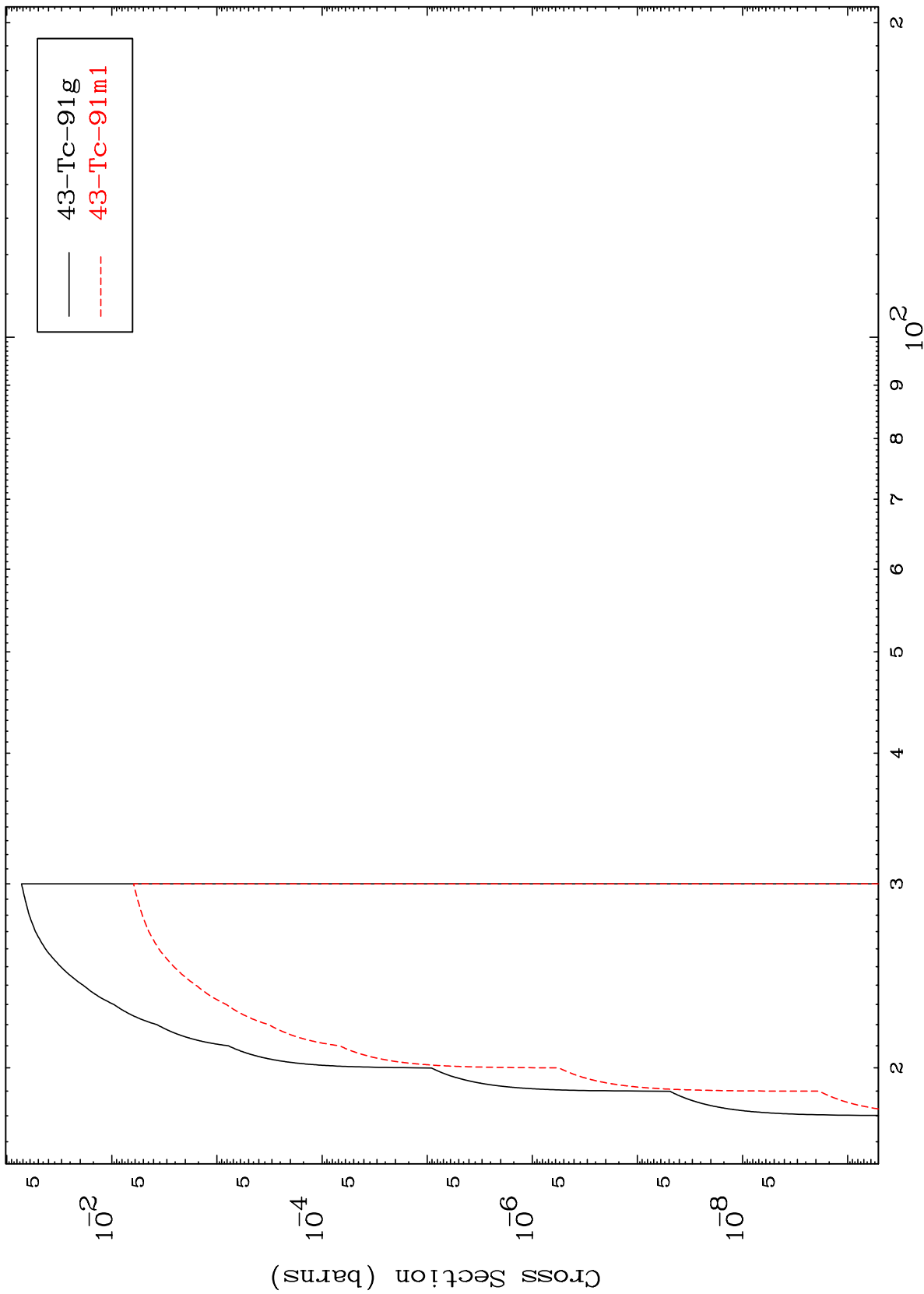


MAT 4416

(n,2n) p

44-Ru-93

Radionuclide Production Cross Section



55

Incident Energy (MeV)

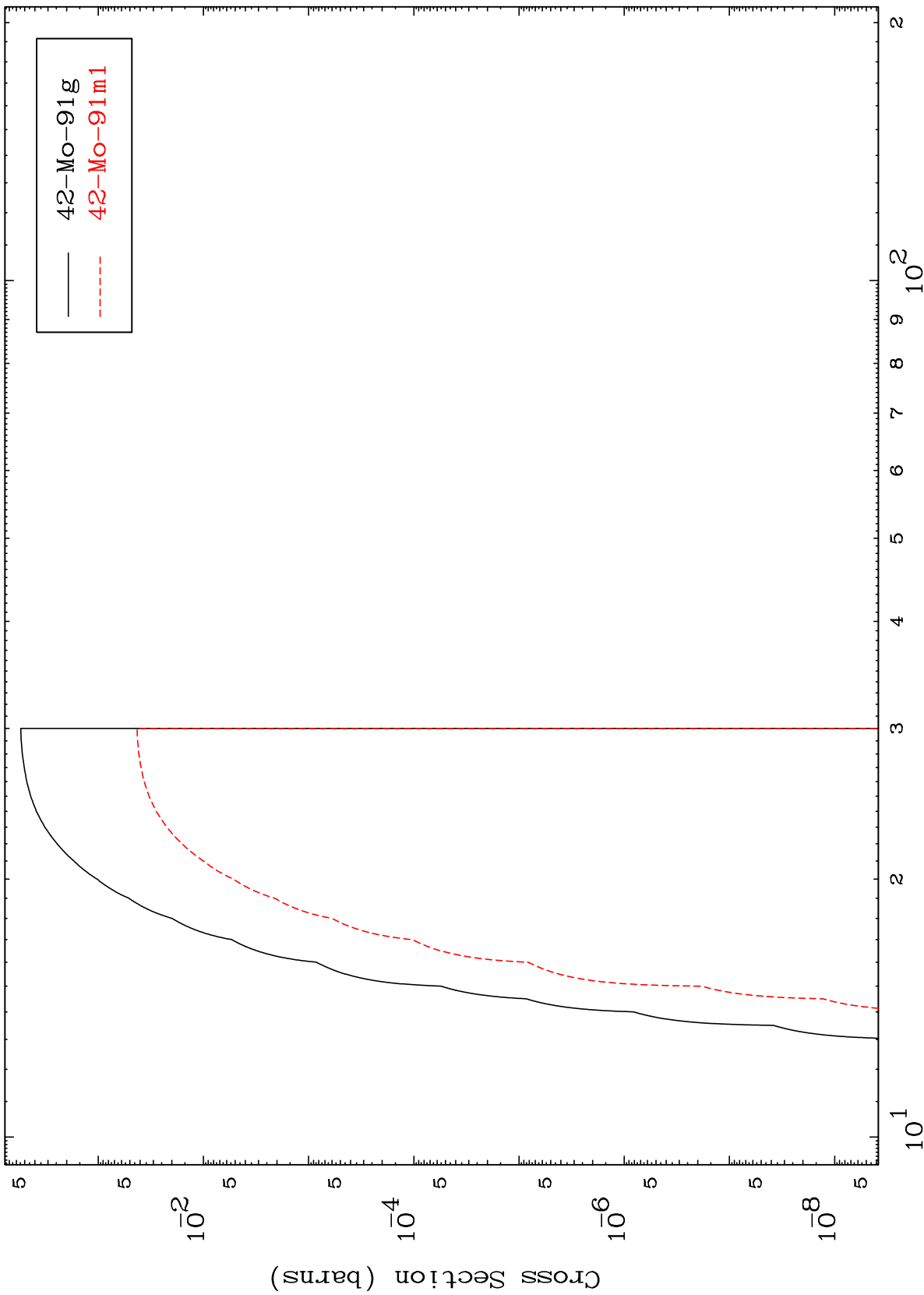
44-Ru-93

MAT 4416

(n,2n) p

44-Ru-93

Radionuclide Production Cross Section



56

Incident Energy (MeV)

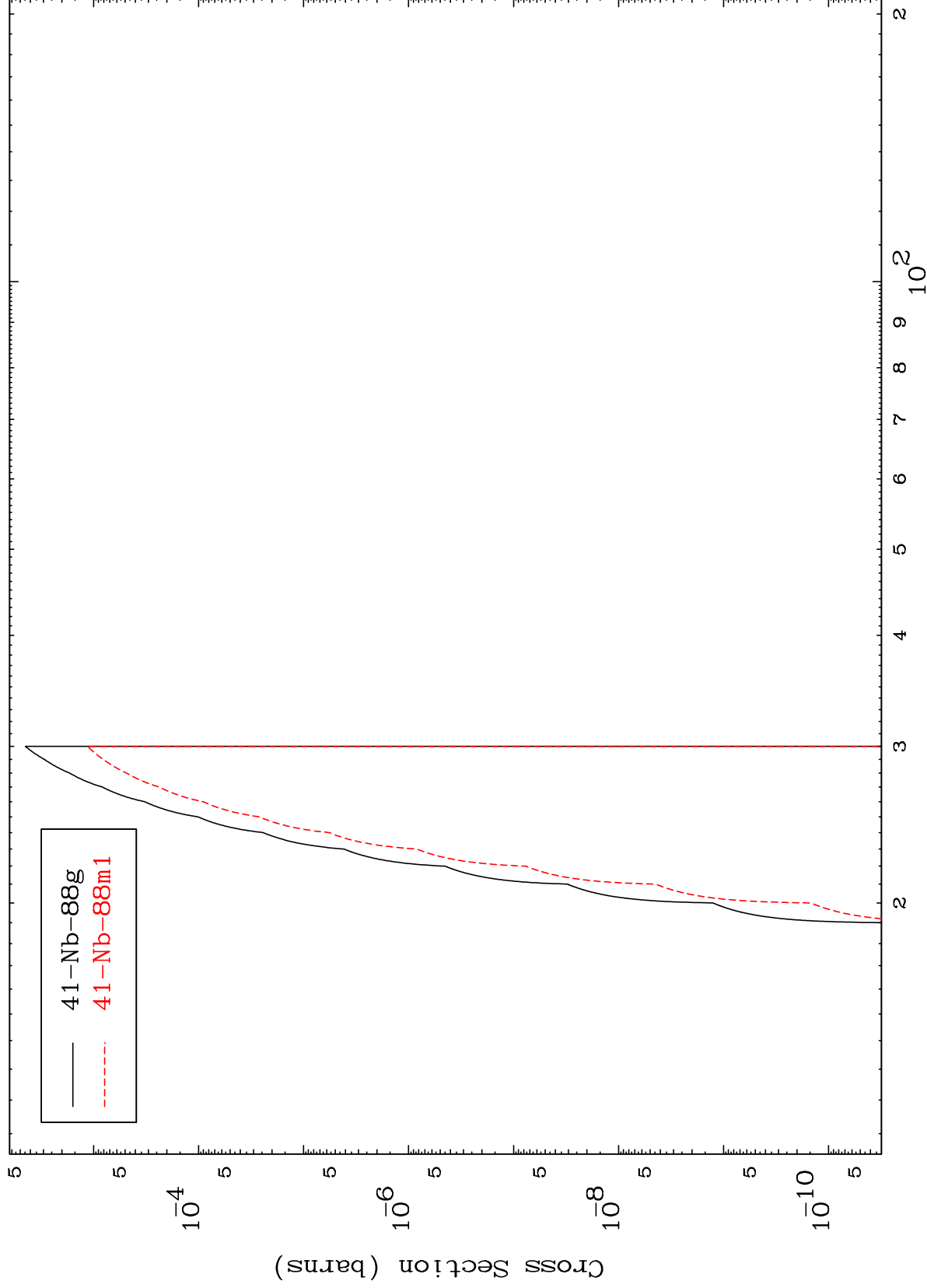
44-Ru-93

MAT 4416

(n,n') p  $\alpha$

44-Ru-93

Radionuclide Production Cross Section



57

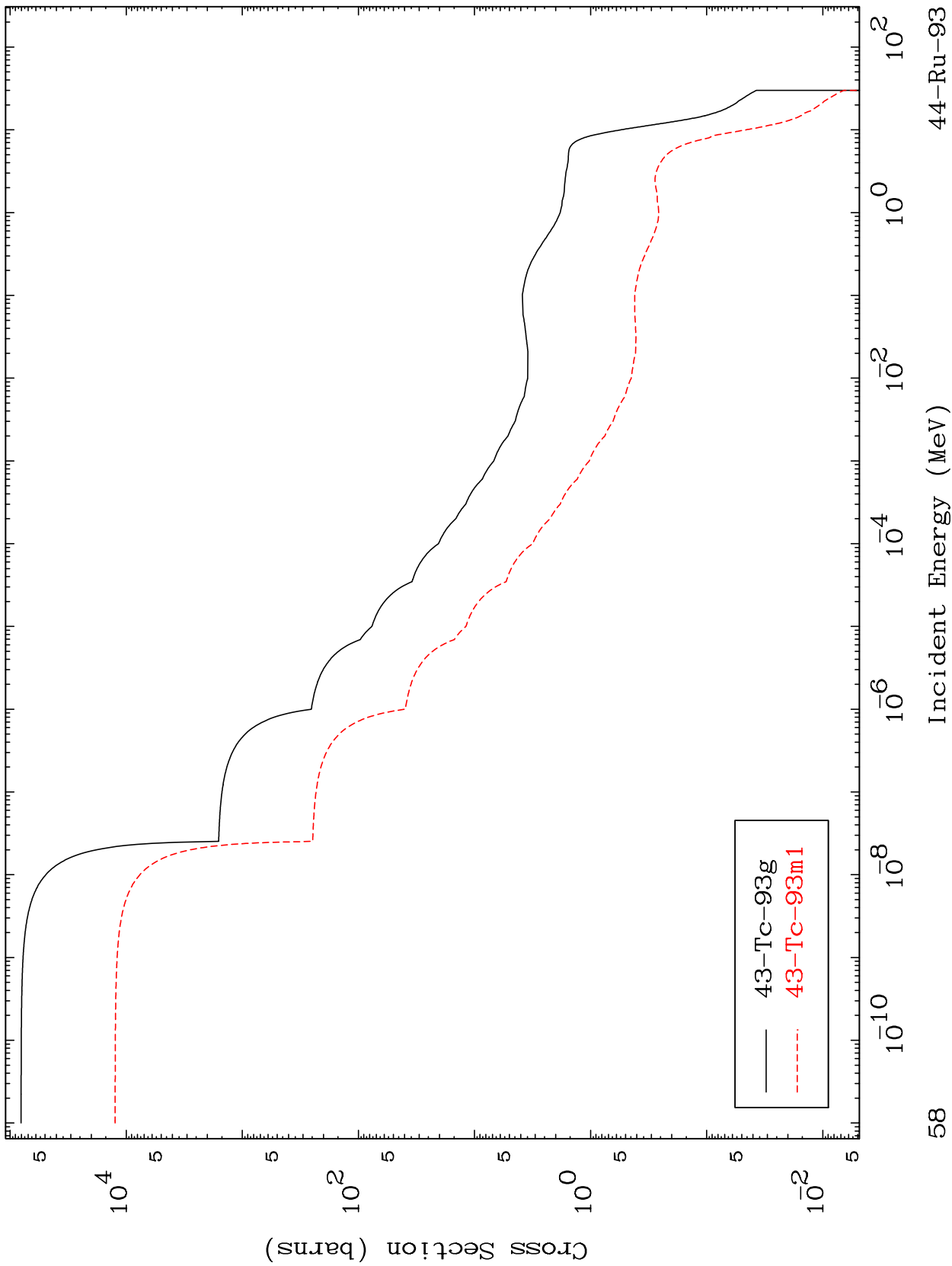
Incident Energy (MeV)

44-Ru-93

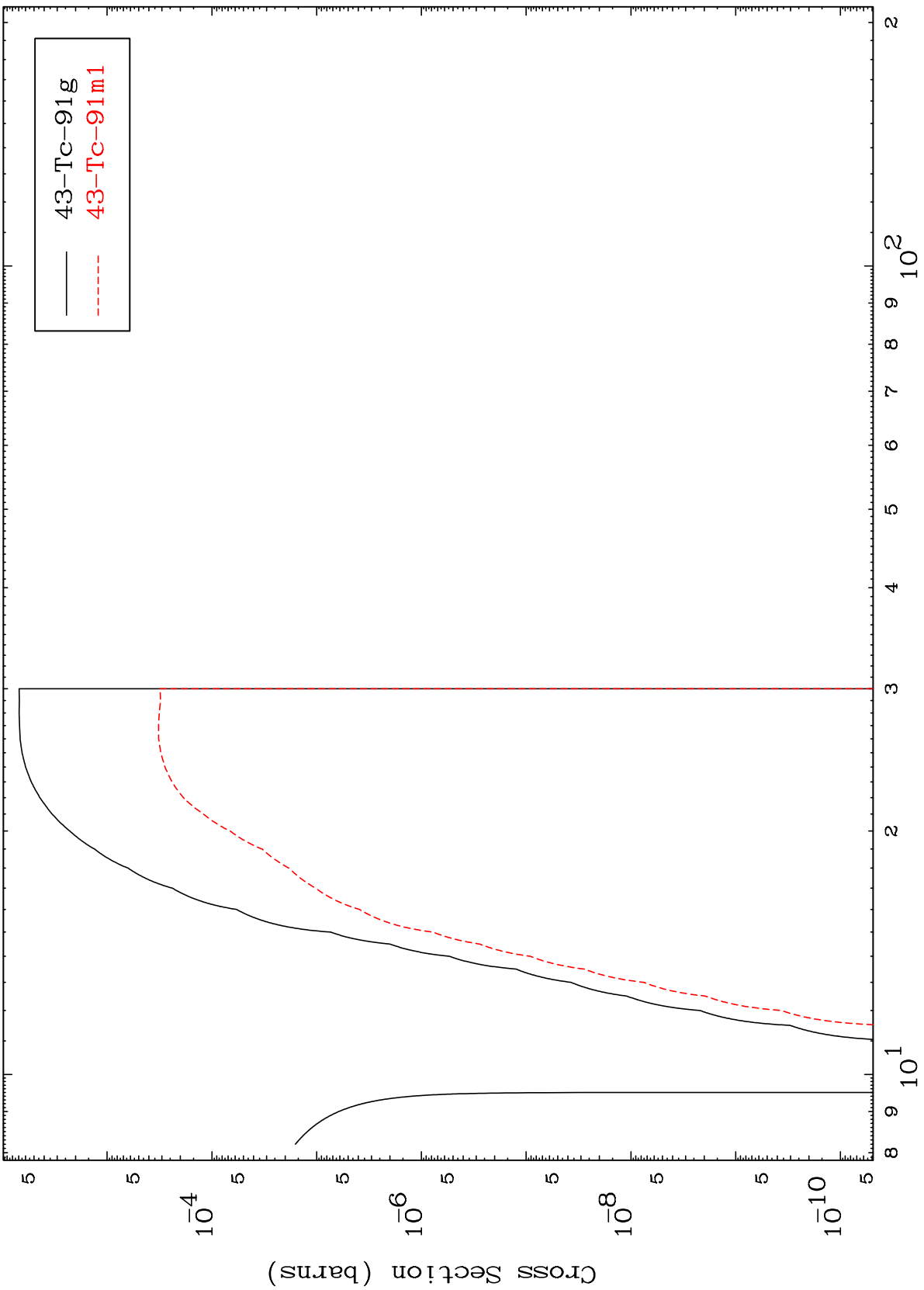
MAT 4416

44-Ru-93

(n,p)  
Radionuclide Production Cross Section



(n, t)  
Radionuclide Production Cross Section

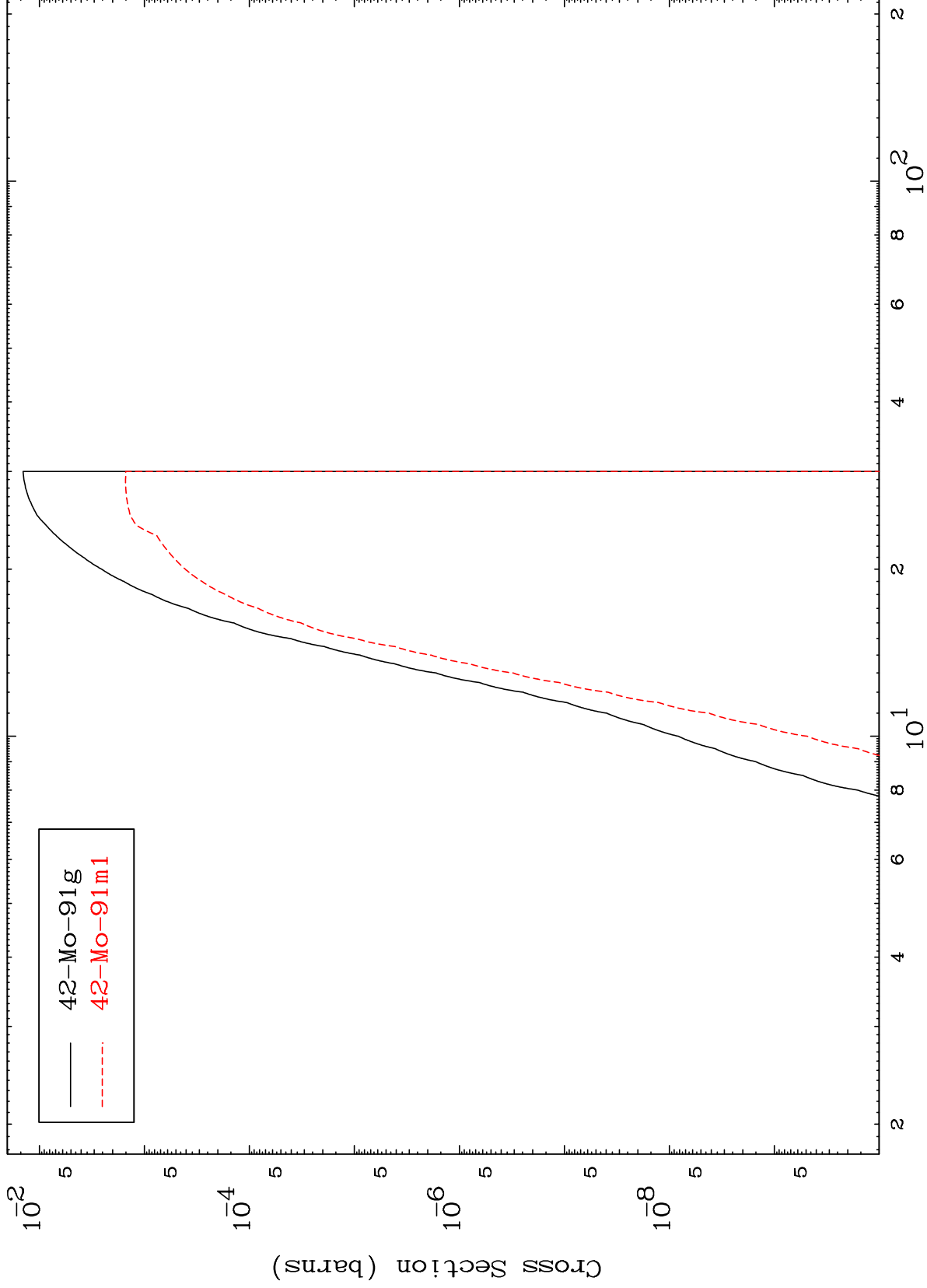


MAT 4416

(n,He-3)

44-Ru-93

Radionuclide Production Cross Section



60

Incident Energy (MeV)

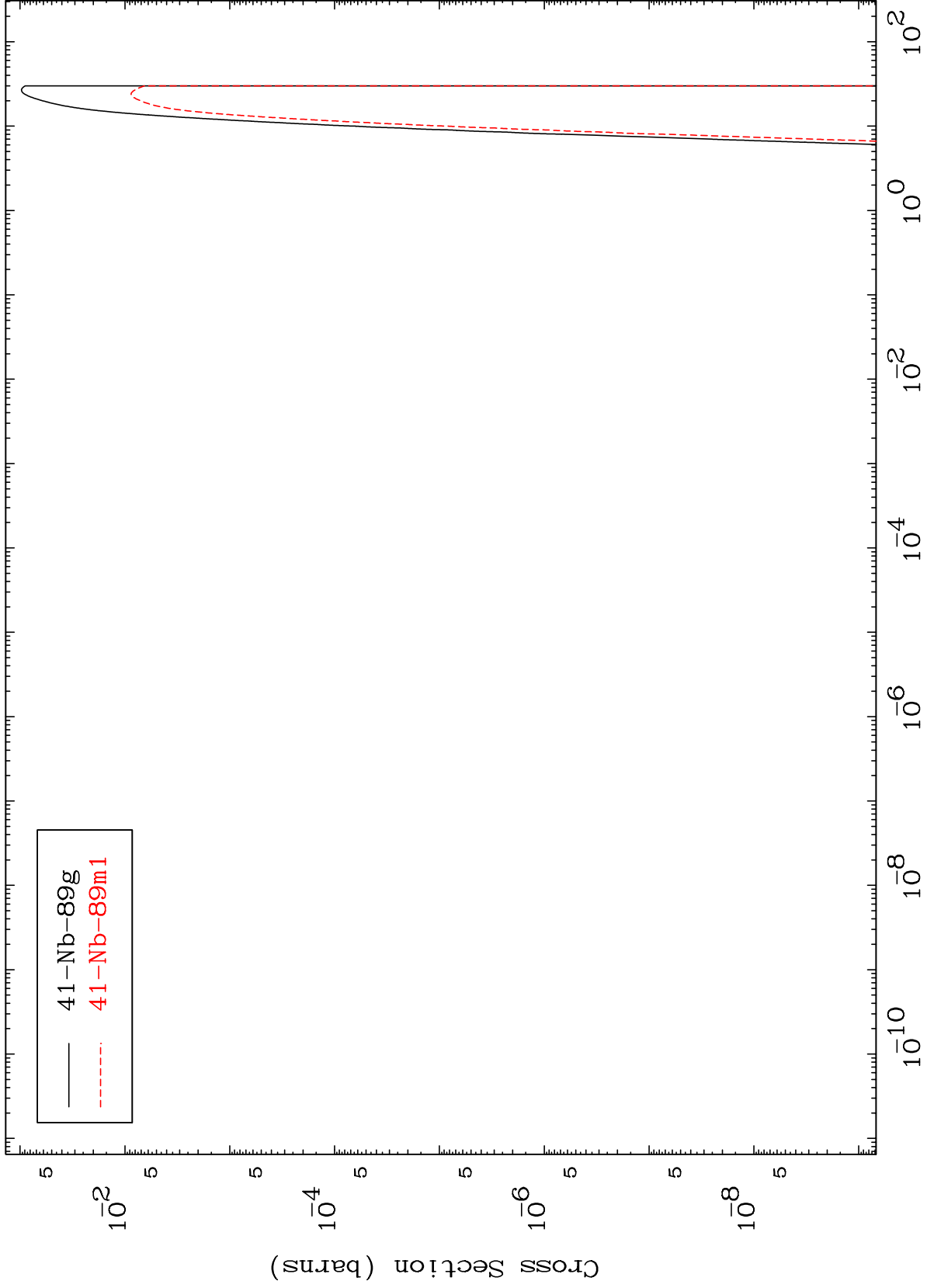
44-Ru-93

MAT 4416

(n,p)  $\alpha$

44-Ru-93

Radionuclide Production Cross Section



61

Incident Energy (MeV)

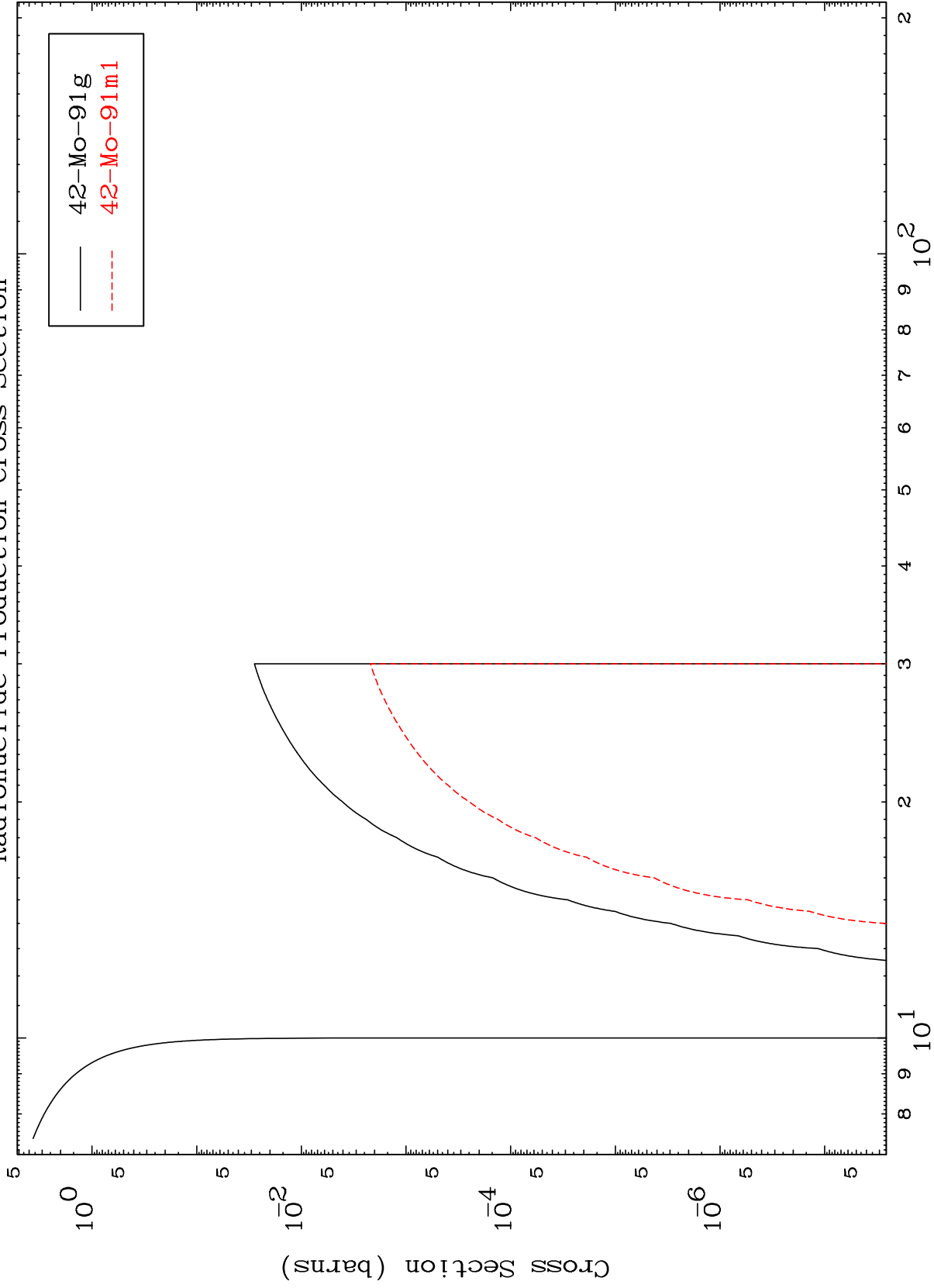
44-Ru-93

MAT 4416

(n,p) d

44-Ru-93

Radionuclide Production Cross Section



62

Incident Energy (MeV)

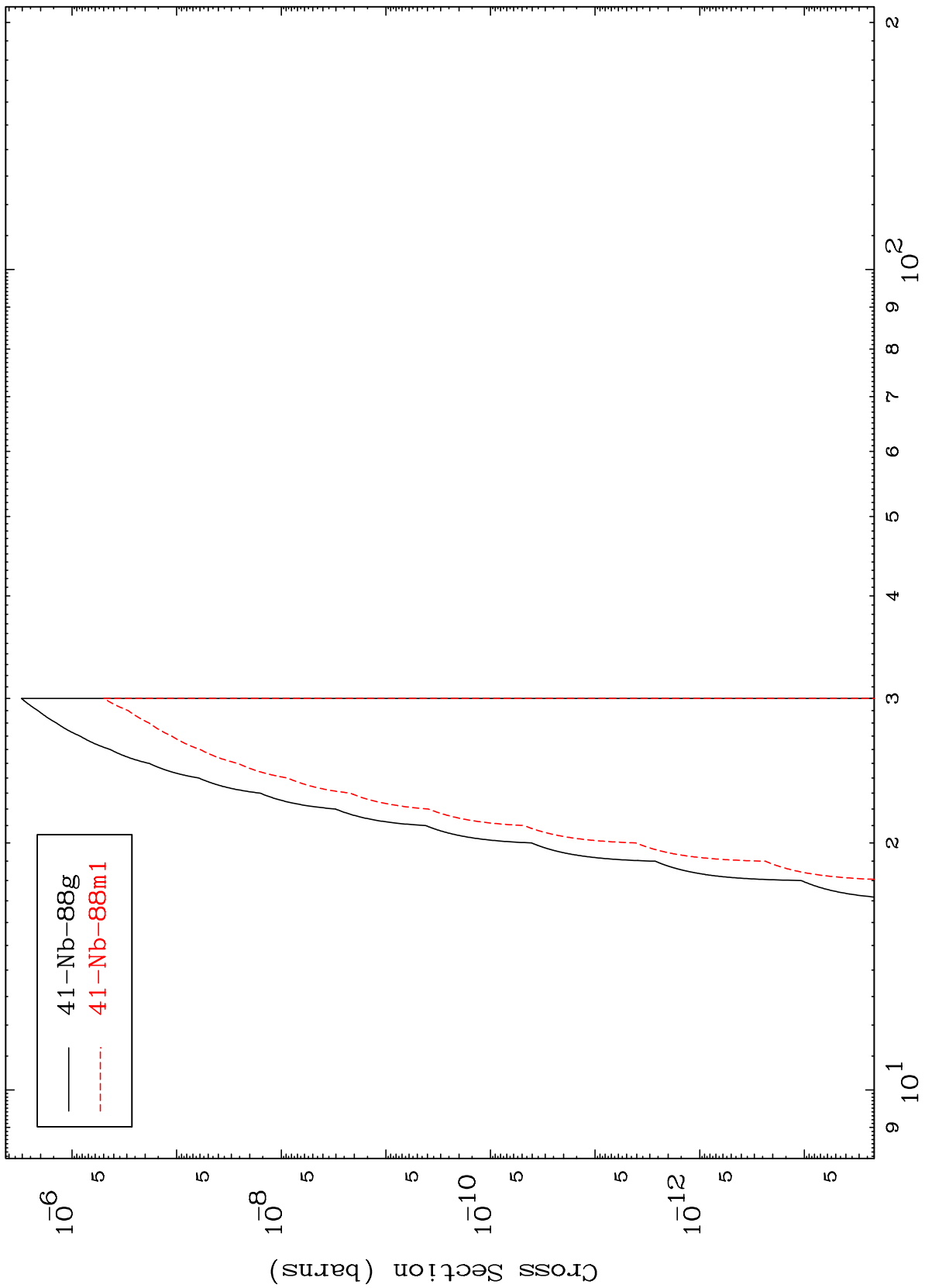
44-Ru-93

MAT 4416

(n,d)  $\alpha$

44-Ru-93

Radionuclide Production Cross Section



63

Incident Energy (MeV)

44-Ru-93