

Program EVALPLOT  
(Version 2017-1)

by

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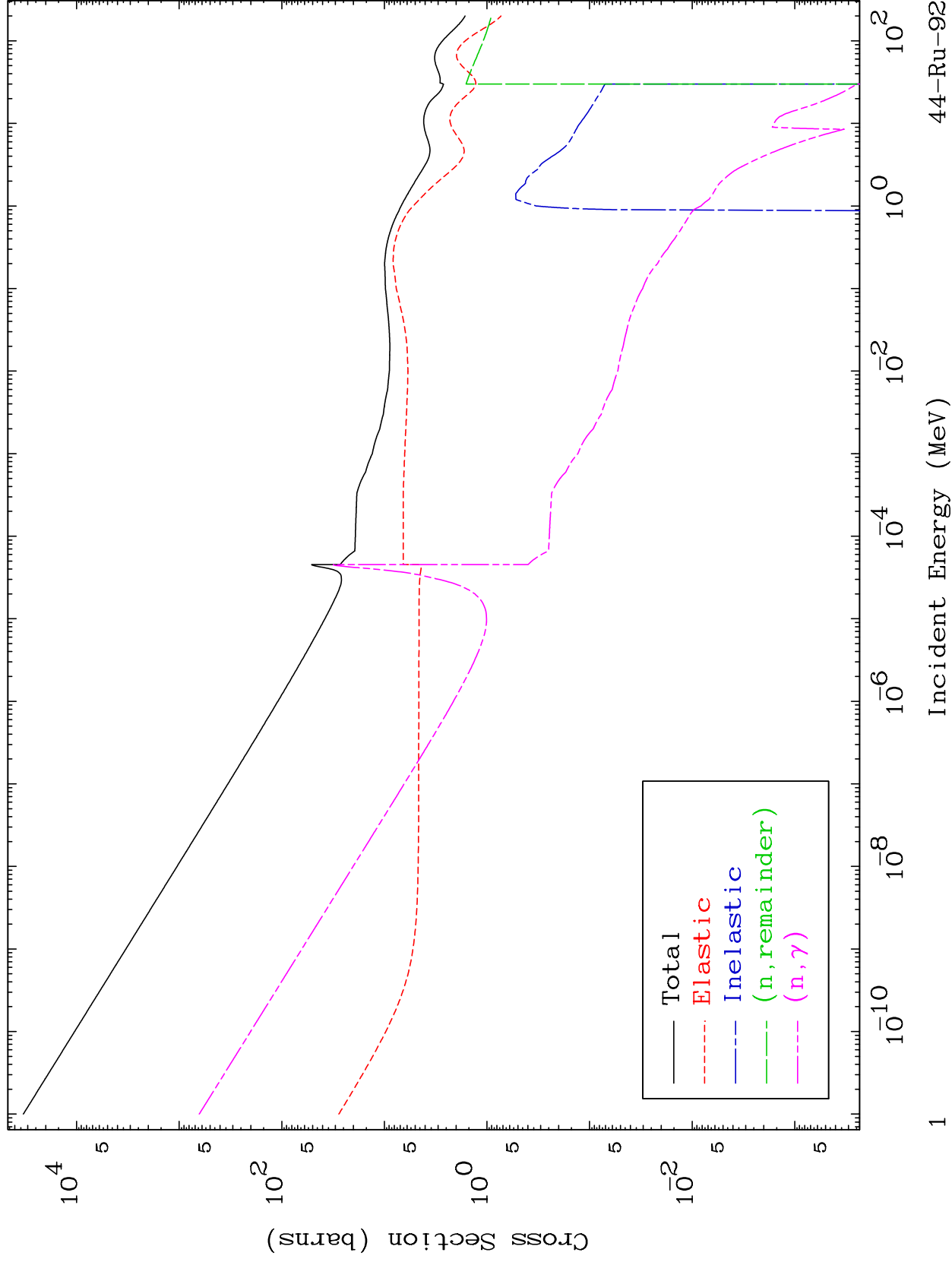
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Press Mouse Button to Start

MAT 4413

Major  
293 Kelvin Cross Sections

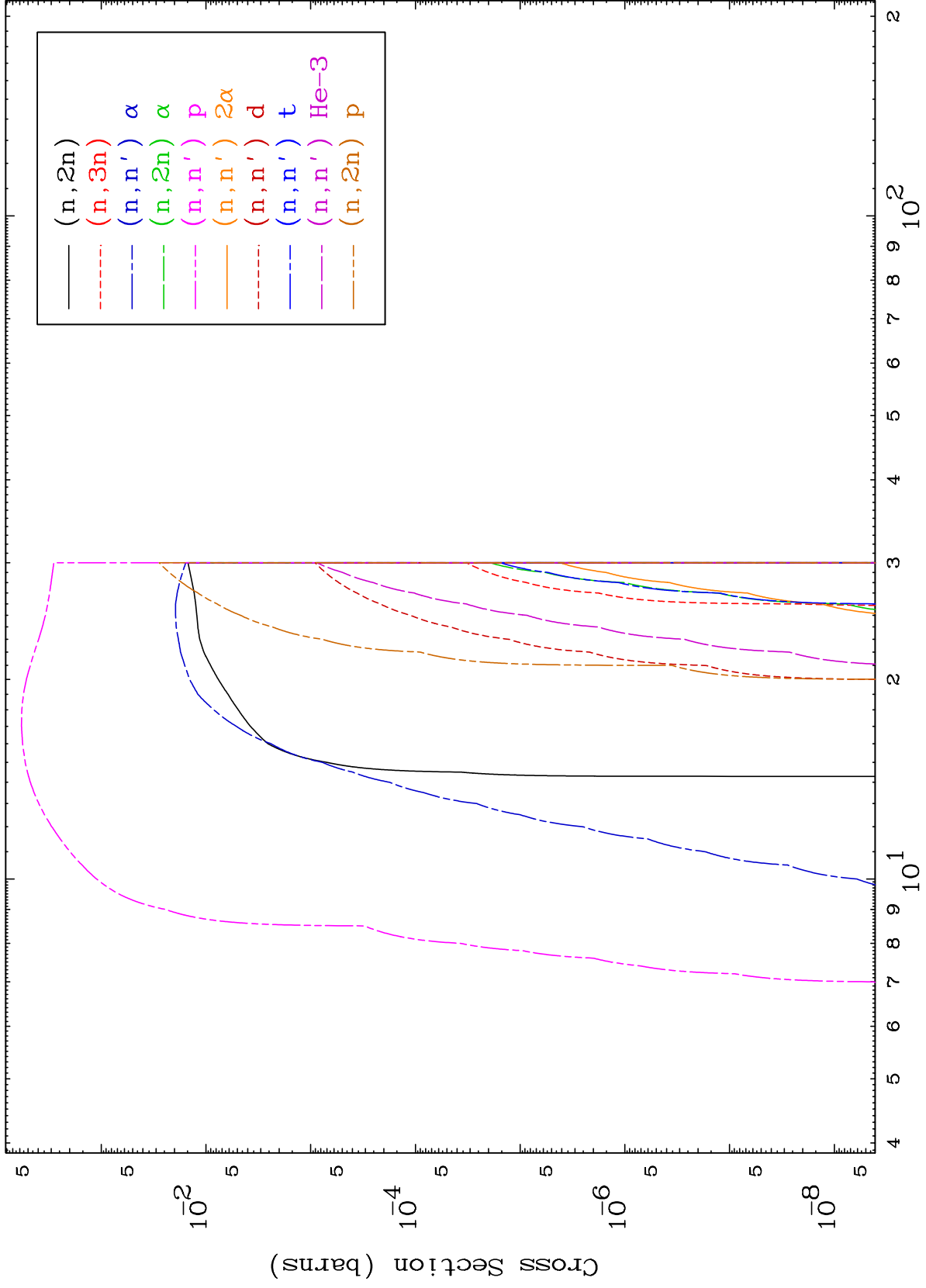
44-Ru-92



MAT 4413

Neutron Production  
293 Kelvin Cross Sections

44-Ru-92



2

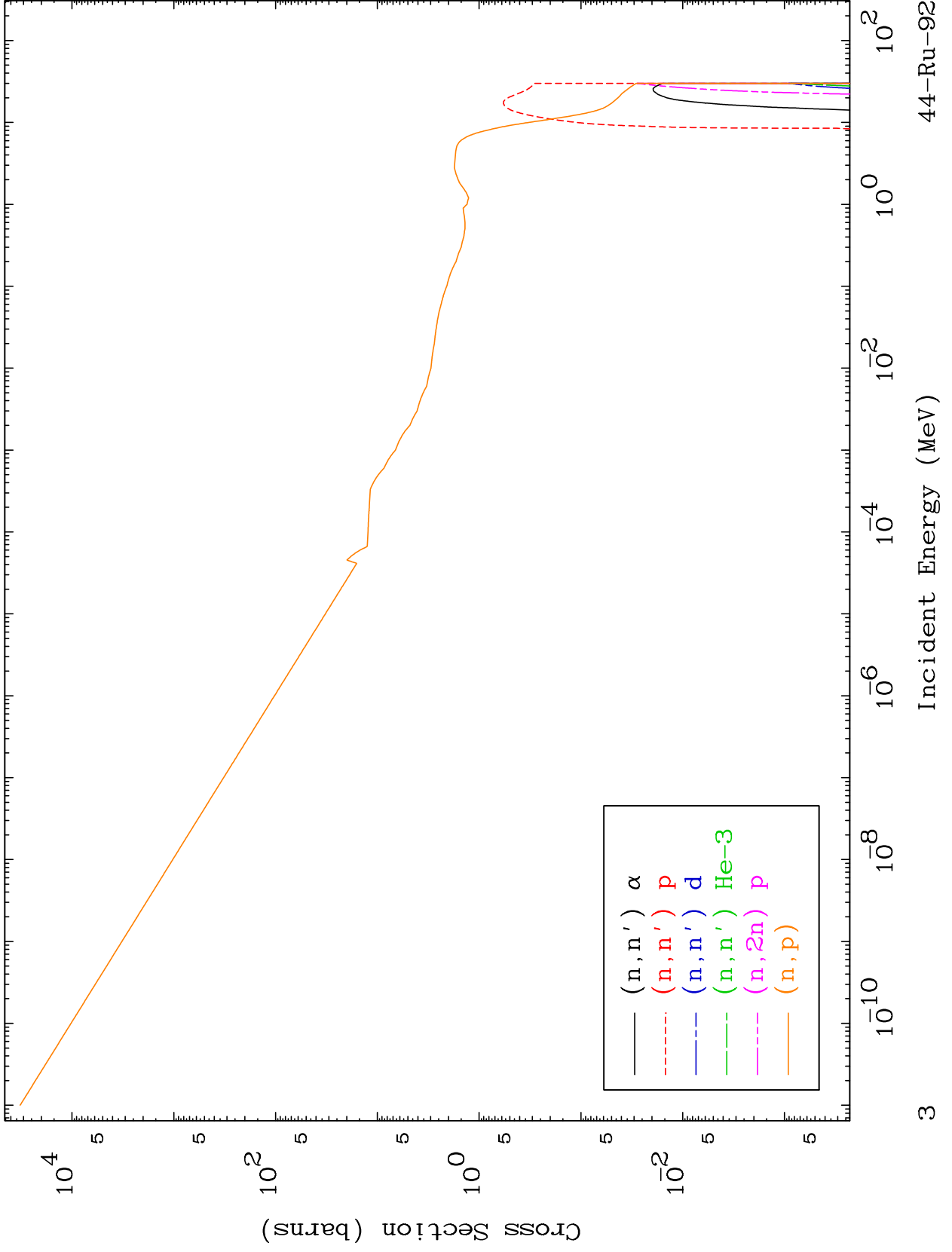
Incident Energy (MeV)

44-Ru-92

MAT 4413

Charged Particle  
293 Kelvin Cross Sections

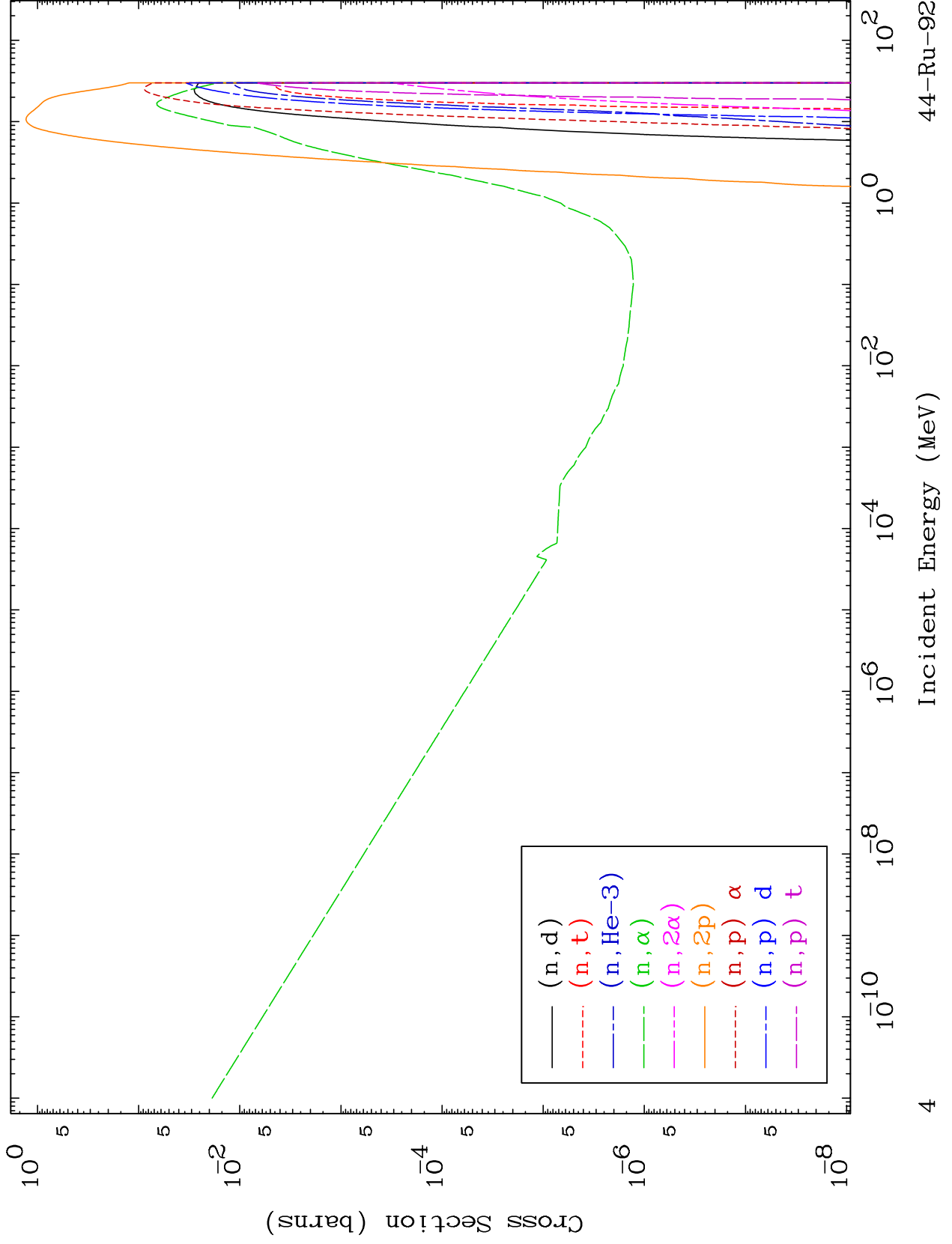
44-Ru-92



MAT 4413

Charged Particle  
293 Kelvin Cross Sections

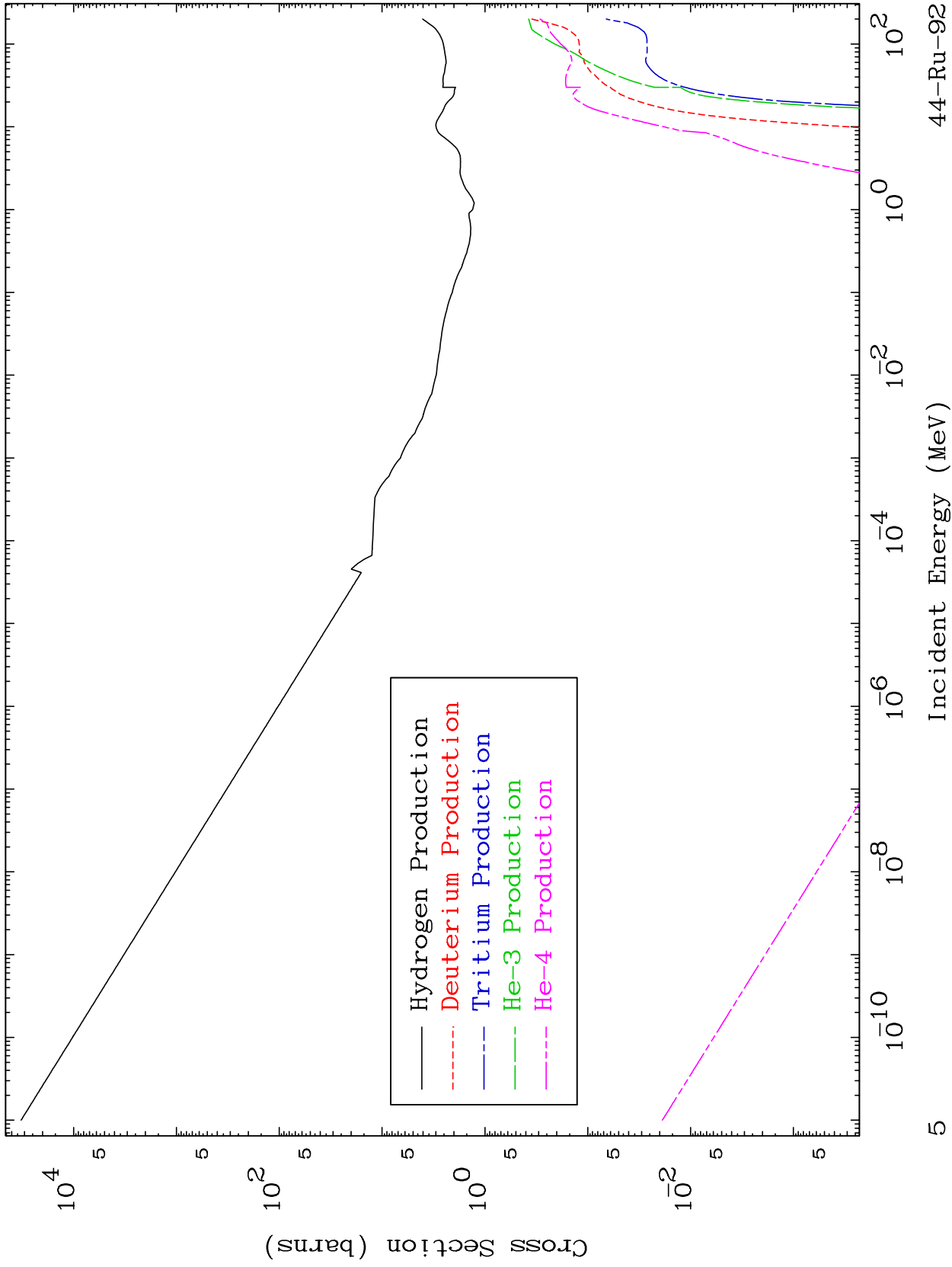
44-Ru-92



MAT 4413

Particle Production  
293 Kelvin Cross Sections

44-Ru-92

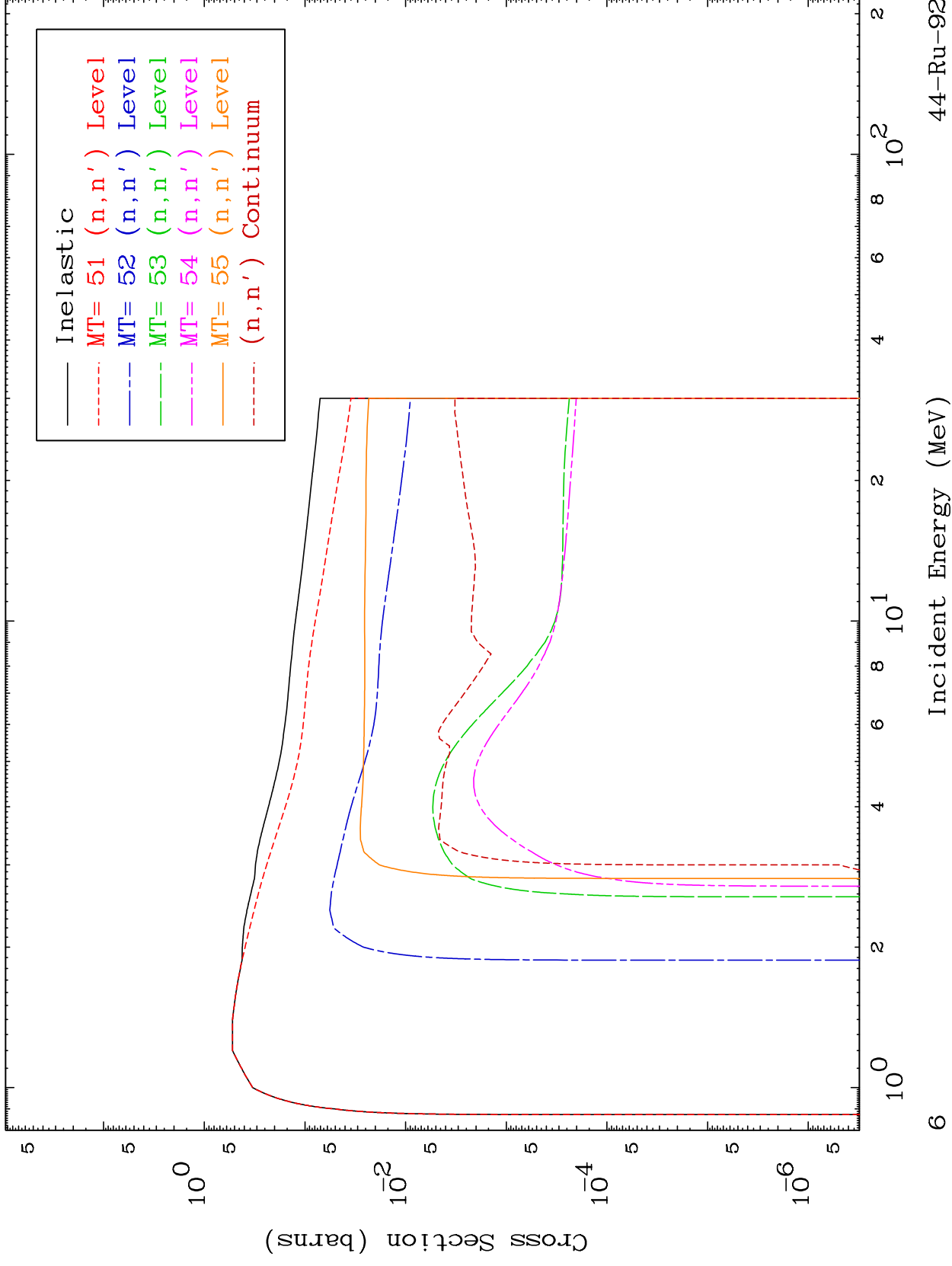


MAT 4413

(n,n') Level

44-Ru-92

293 Kelvin Cross Sections



44-Ru-92

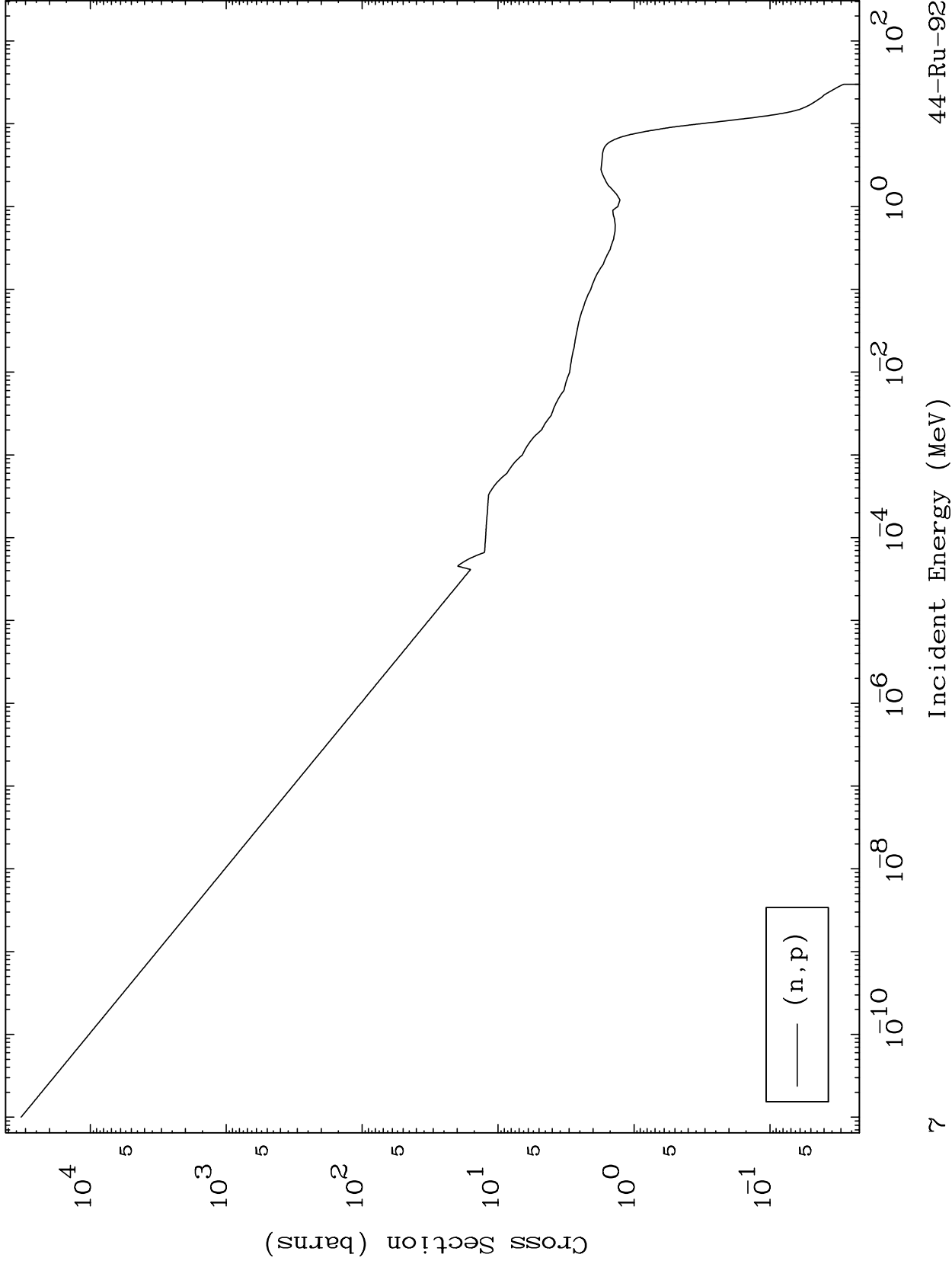
Incident Energy (MeV)

6

MAT 4413

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-92

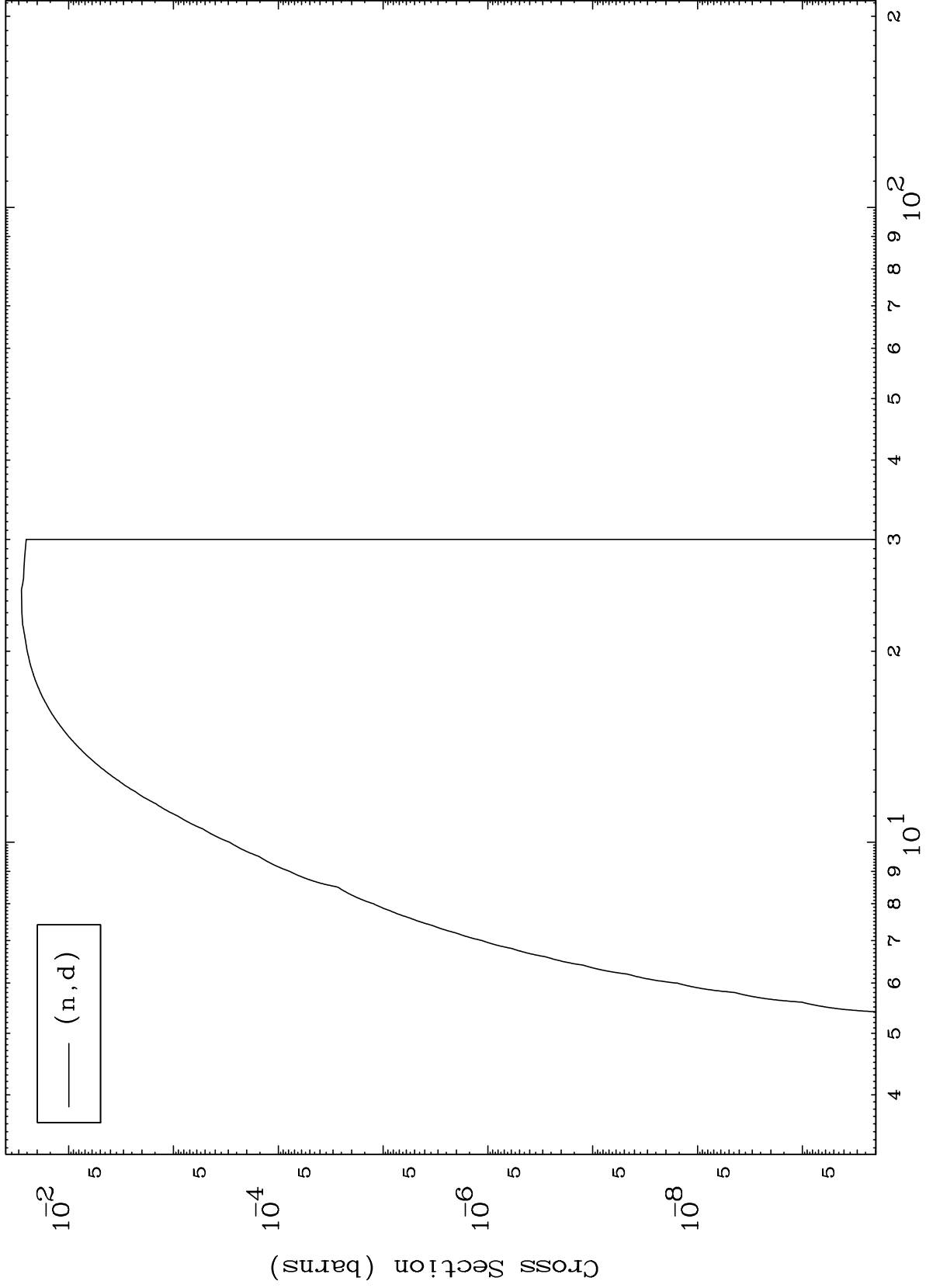




MAT 4413

(n,d) Levels  
293 Kelvin Cross Sections

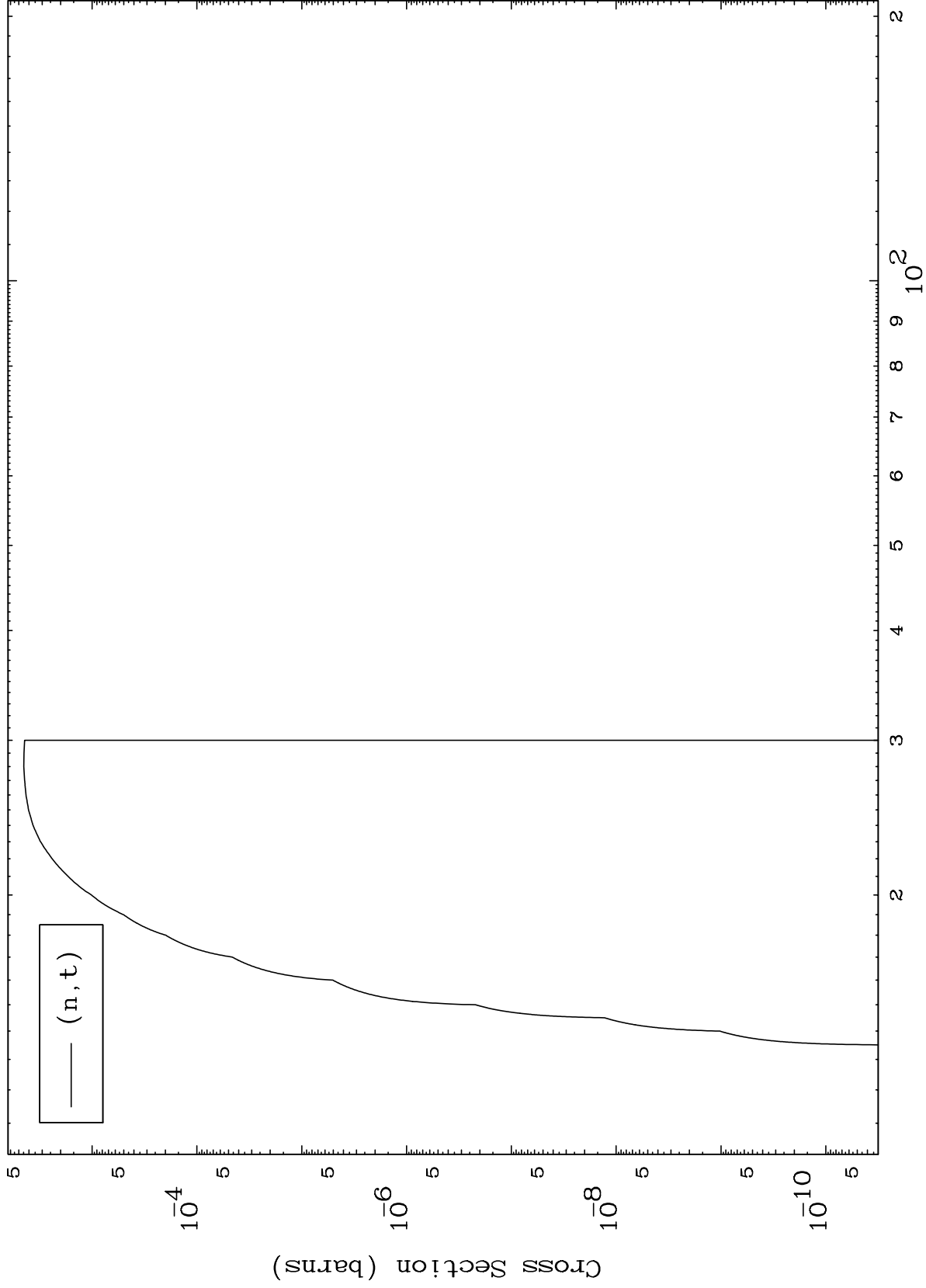
44-Ru-92



MAT 4413

(n,t) Levels  
293 Kelvin Cross Sections

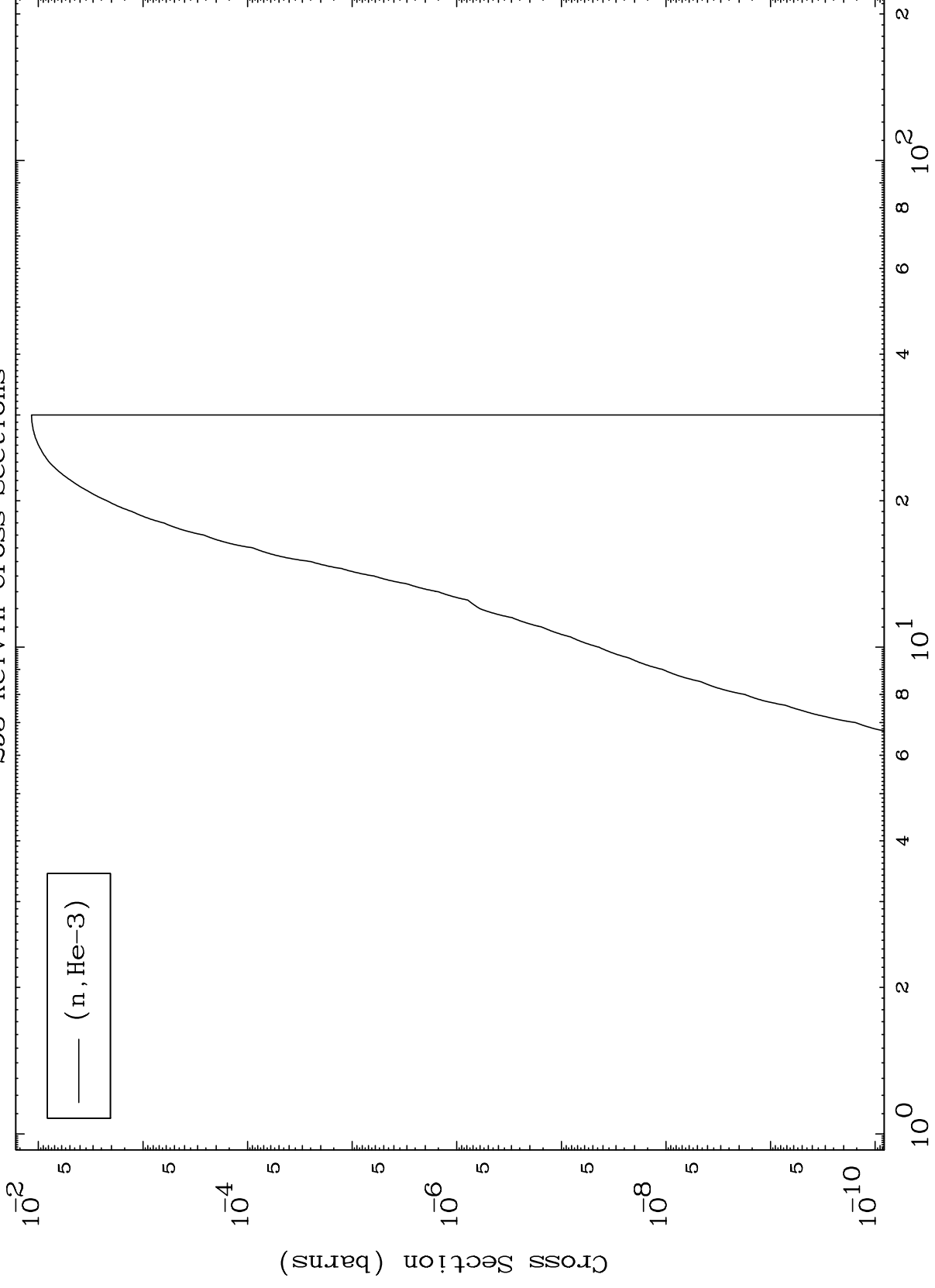
44-Ru-92



MAT 4413

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-92



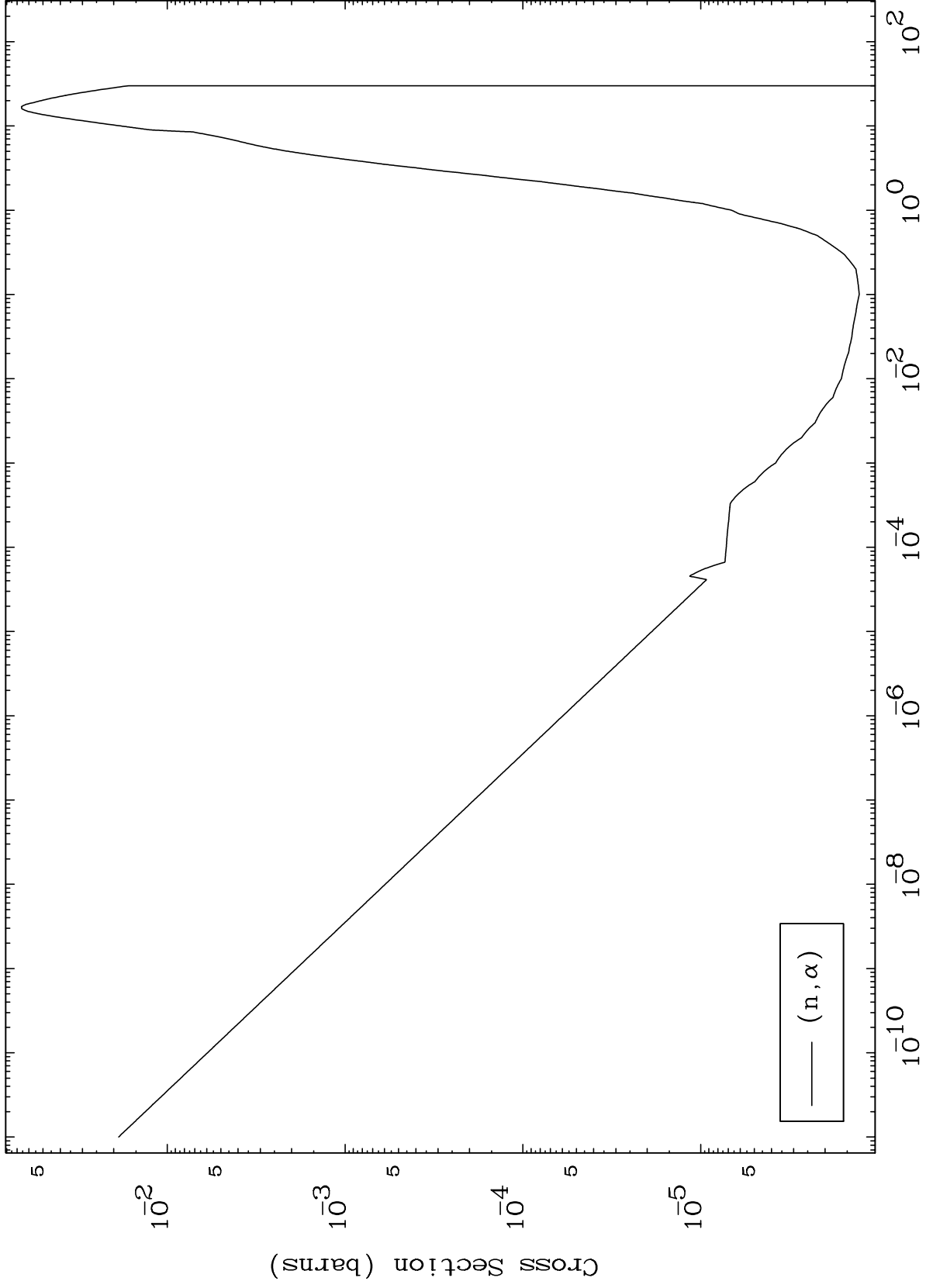
Incident Energy (MeV)

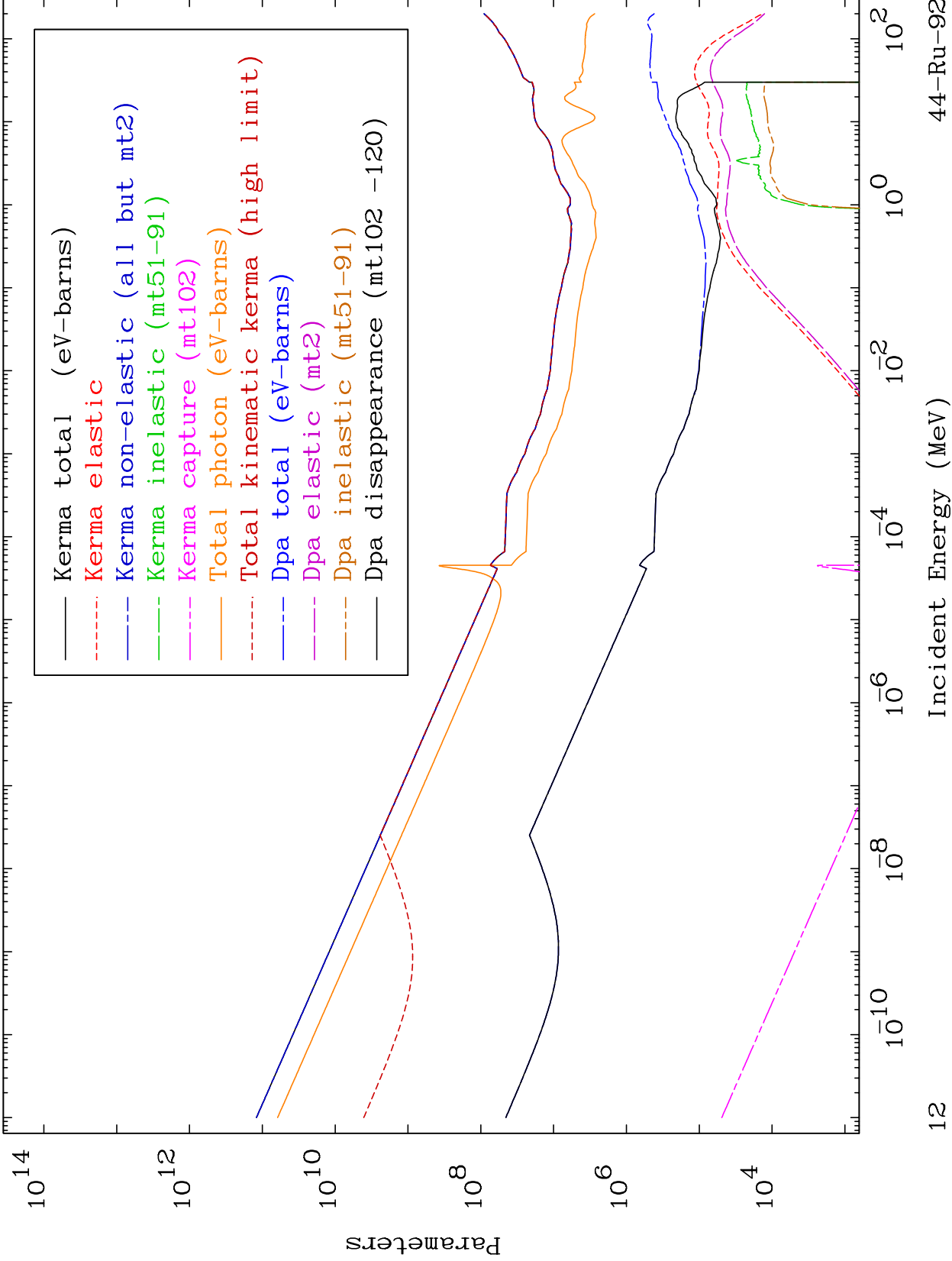
44-Ru-92

MAT 4413

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

44-Ru-92

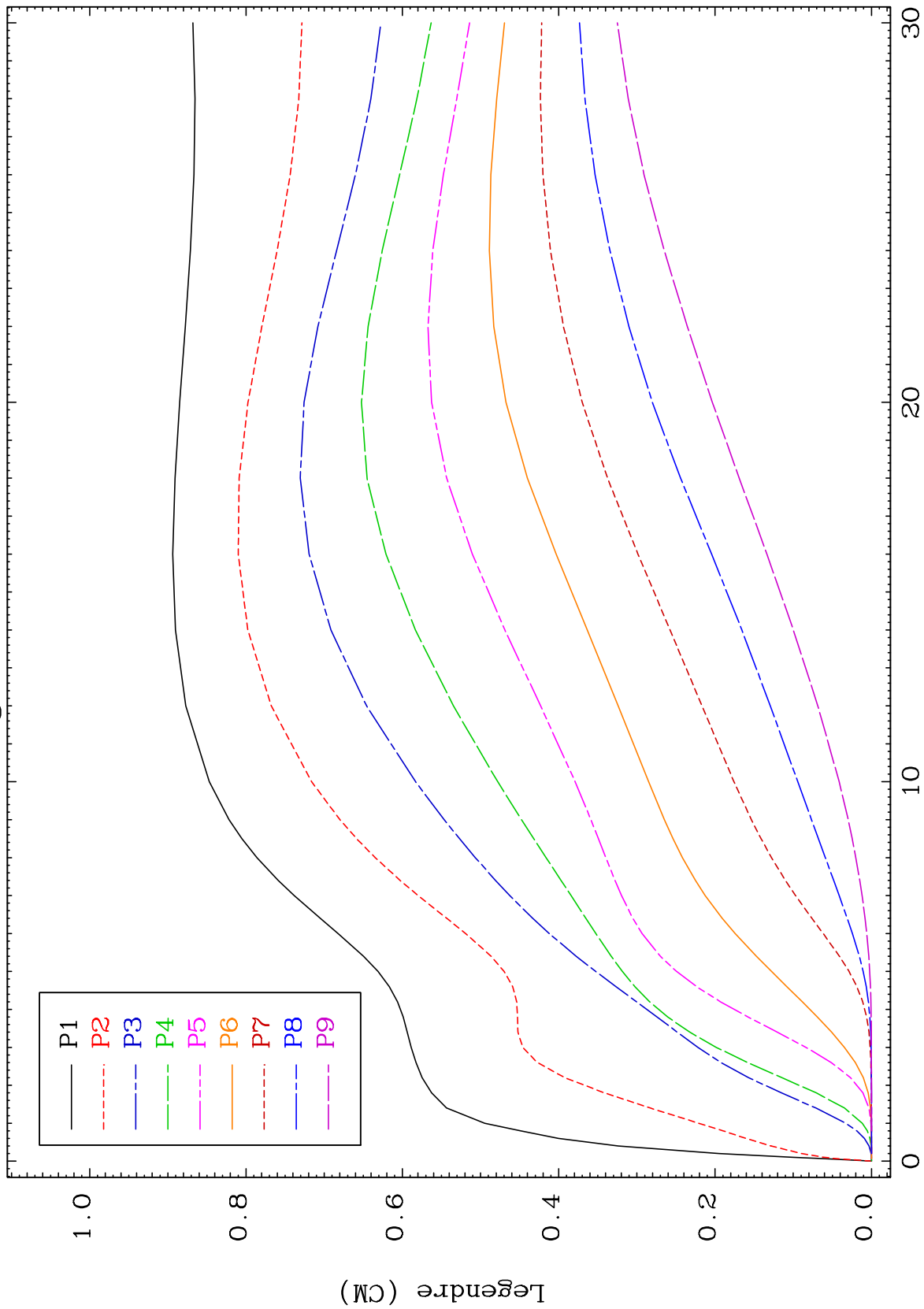




MAT 4413

Elastic Legendre Coefficients

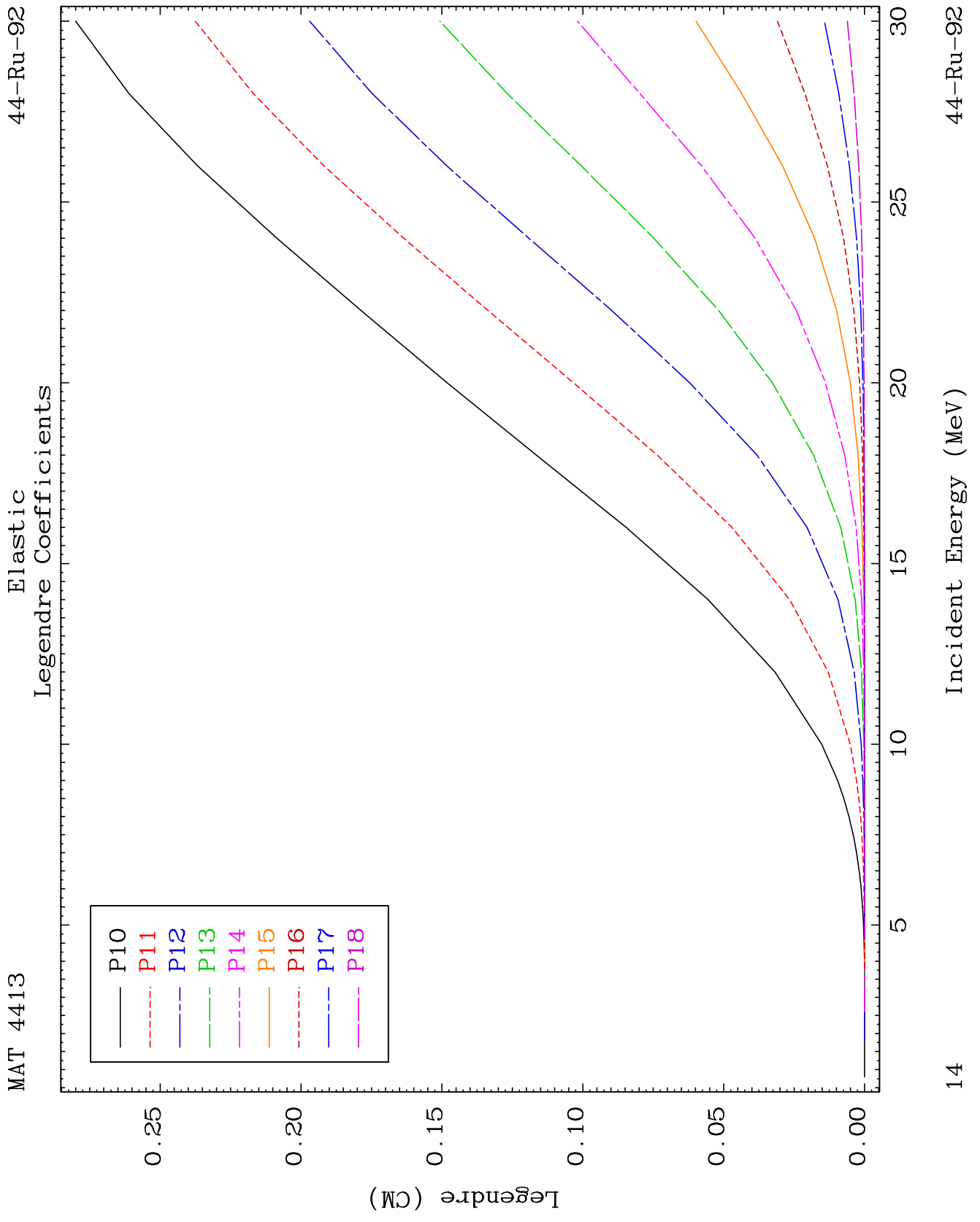
44-Ru-92

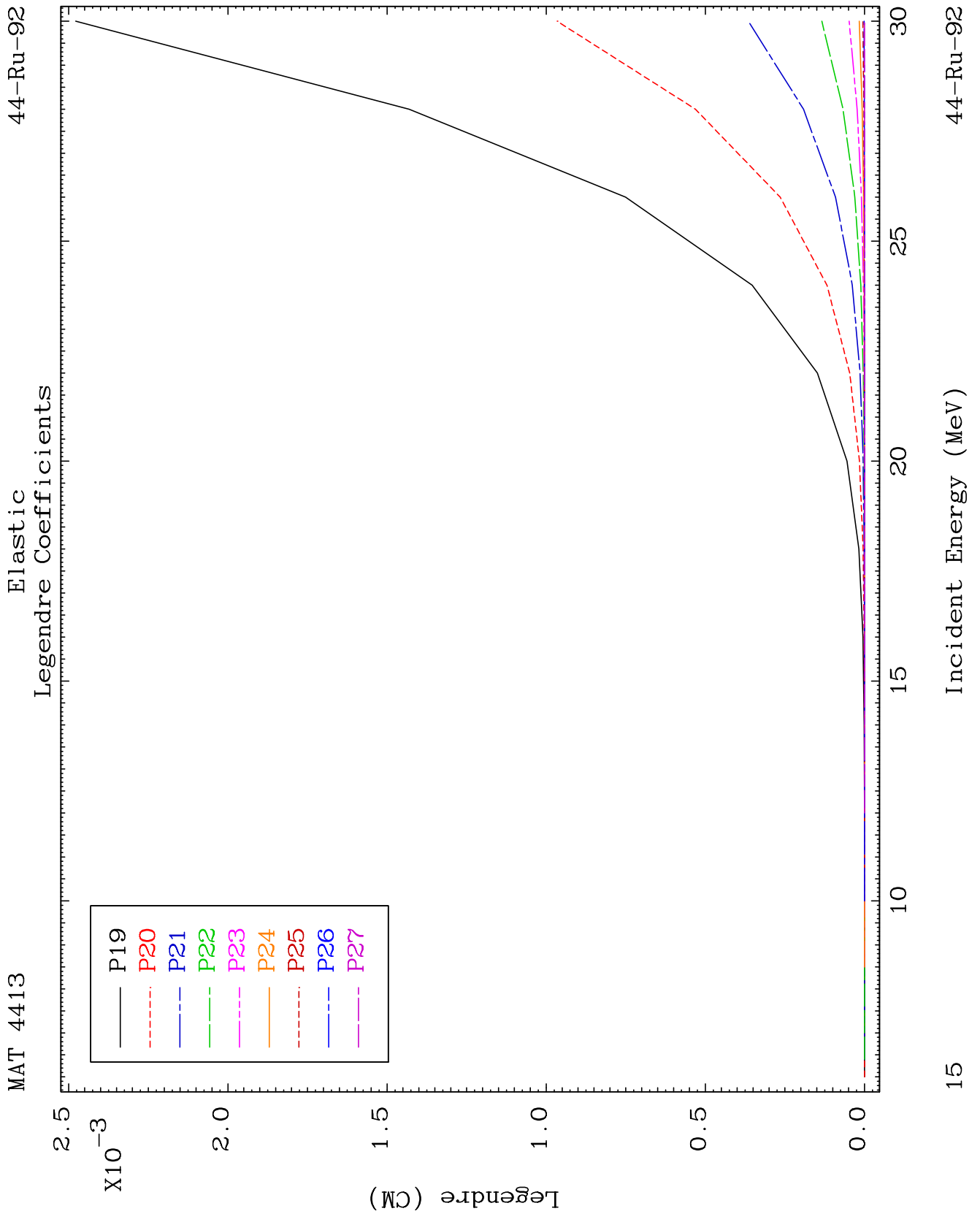


13

Incident Energy (MeV)

44-Ru-92



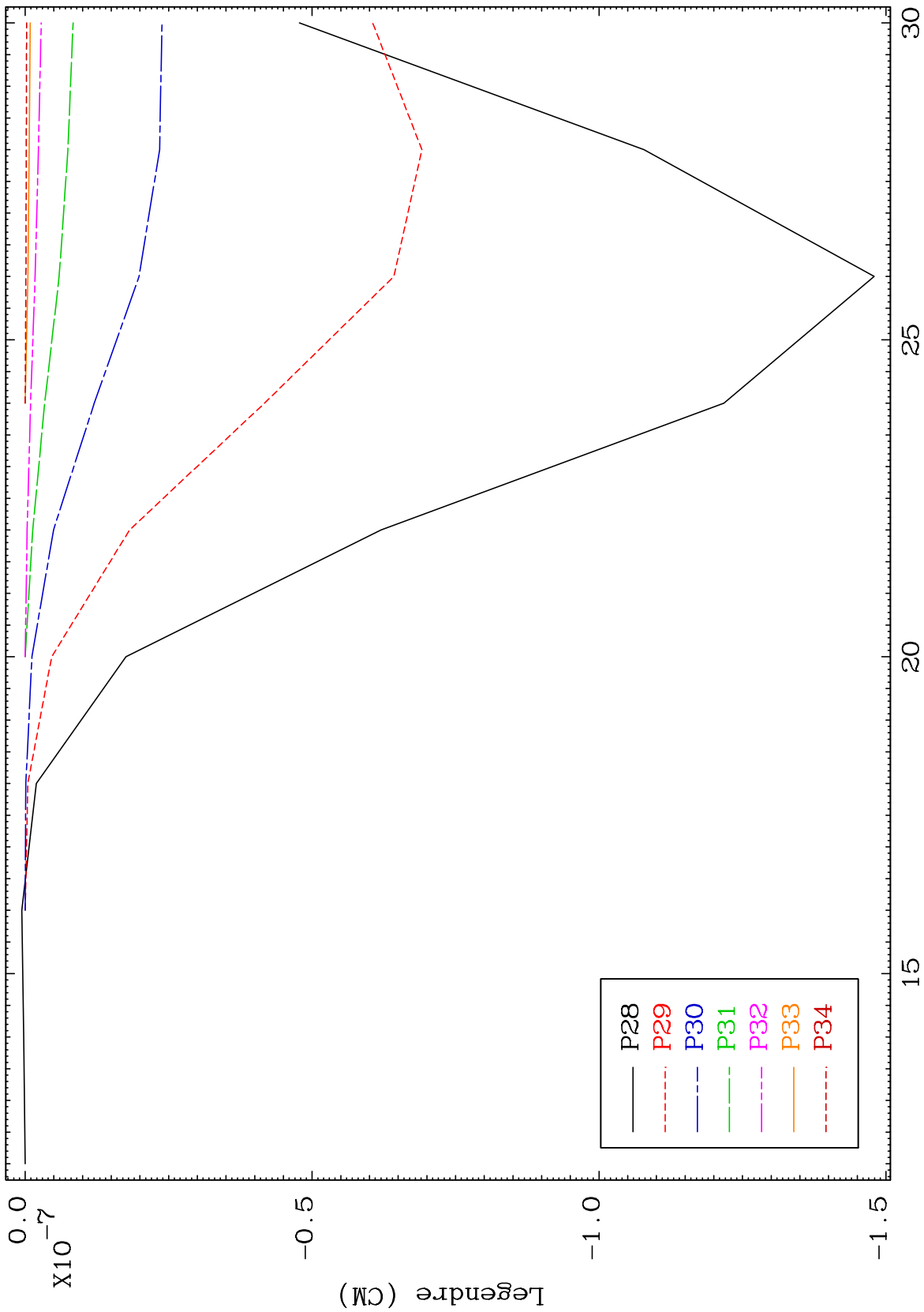




MAT 4413

44-Ru-92

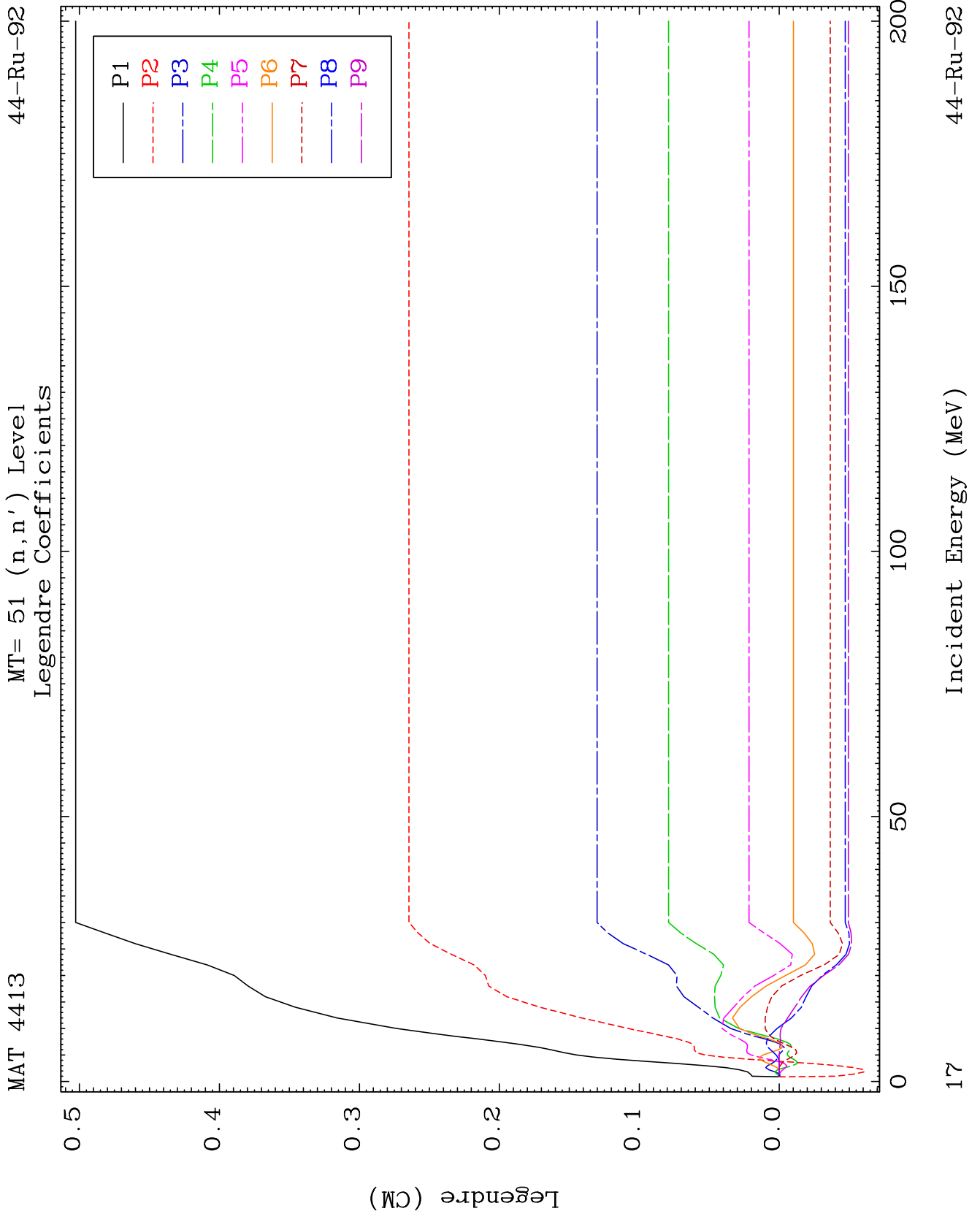
Elastic Legendre Coefficients



16

Incident Energy (MeV)

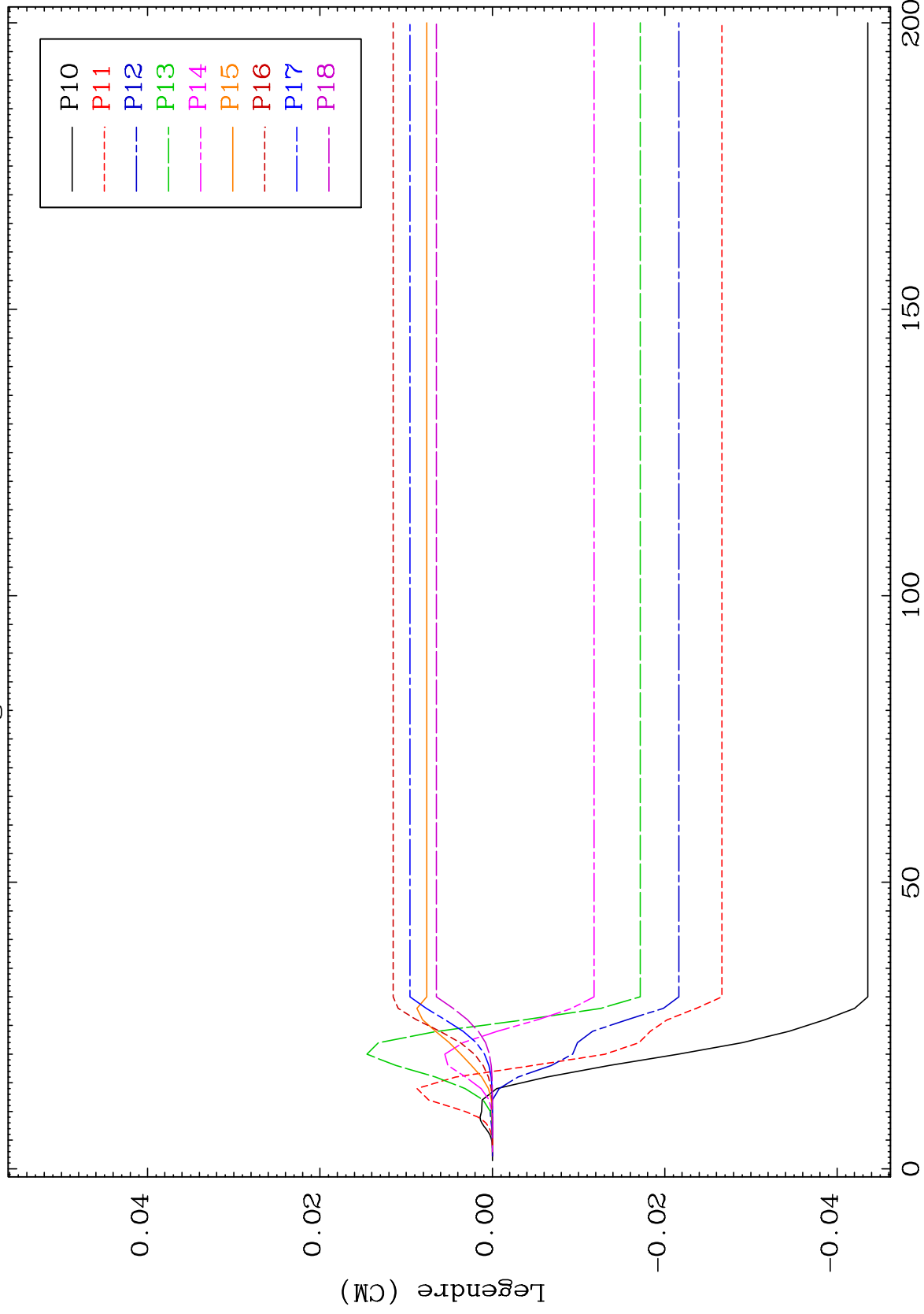
44-Ru-92



MAT 4413

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

44-Ru-92



18

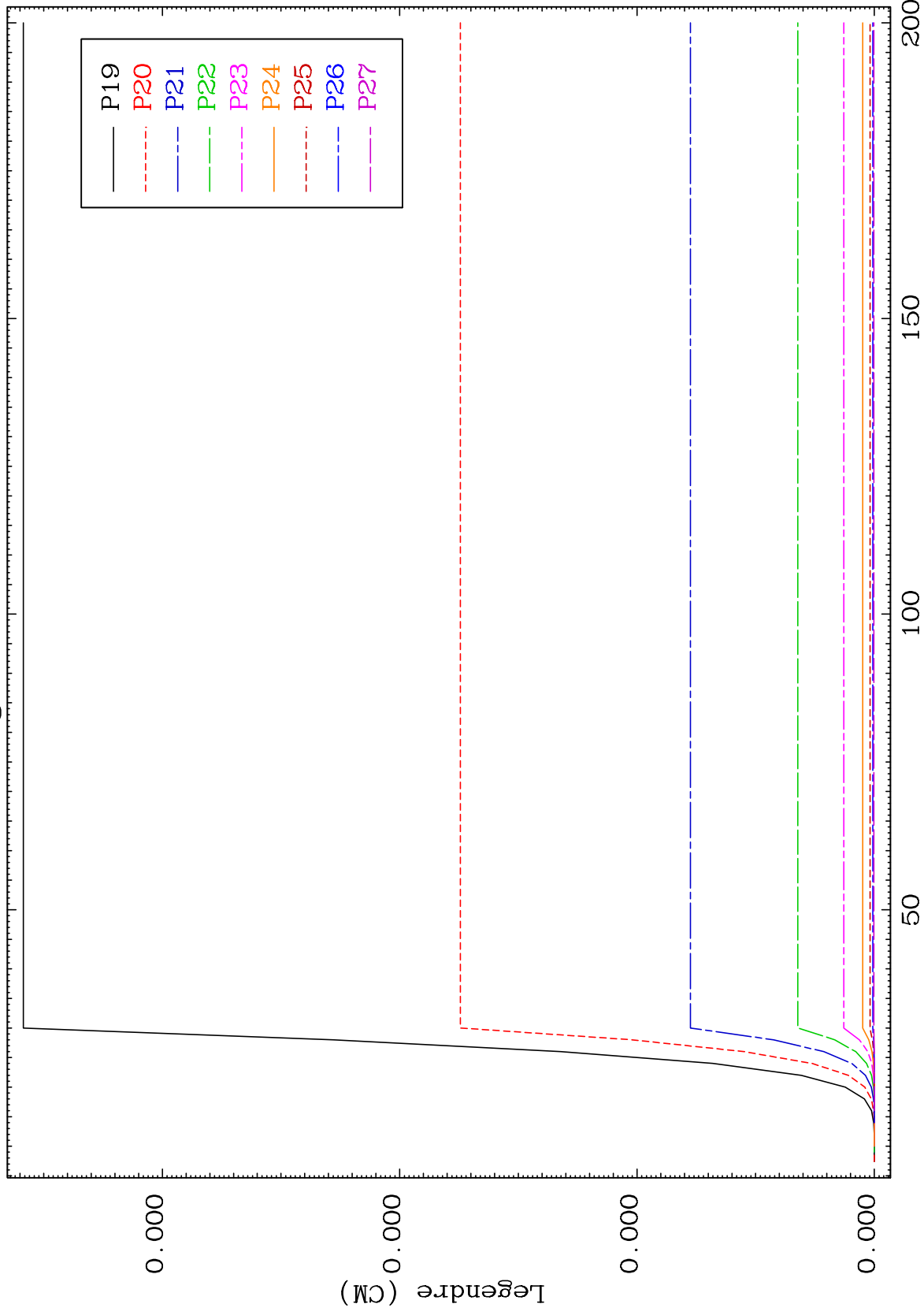
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



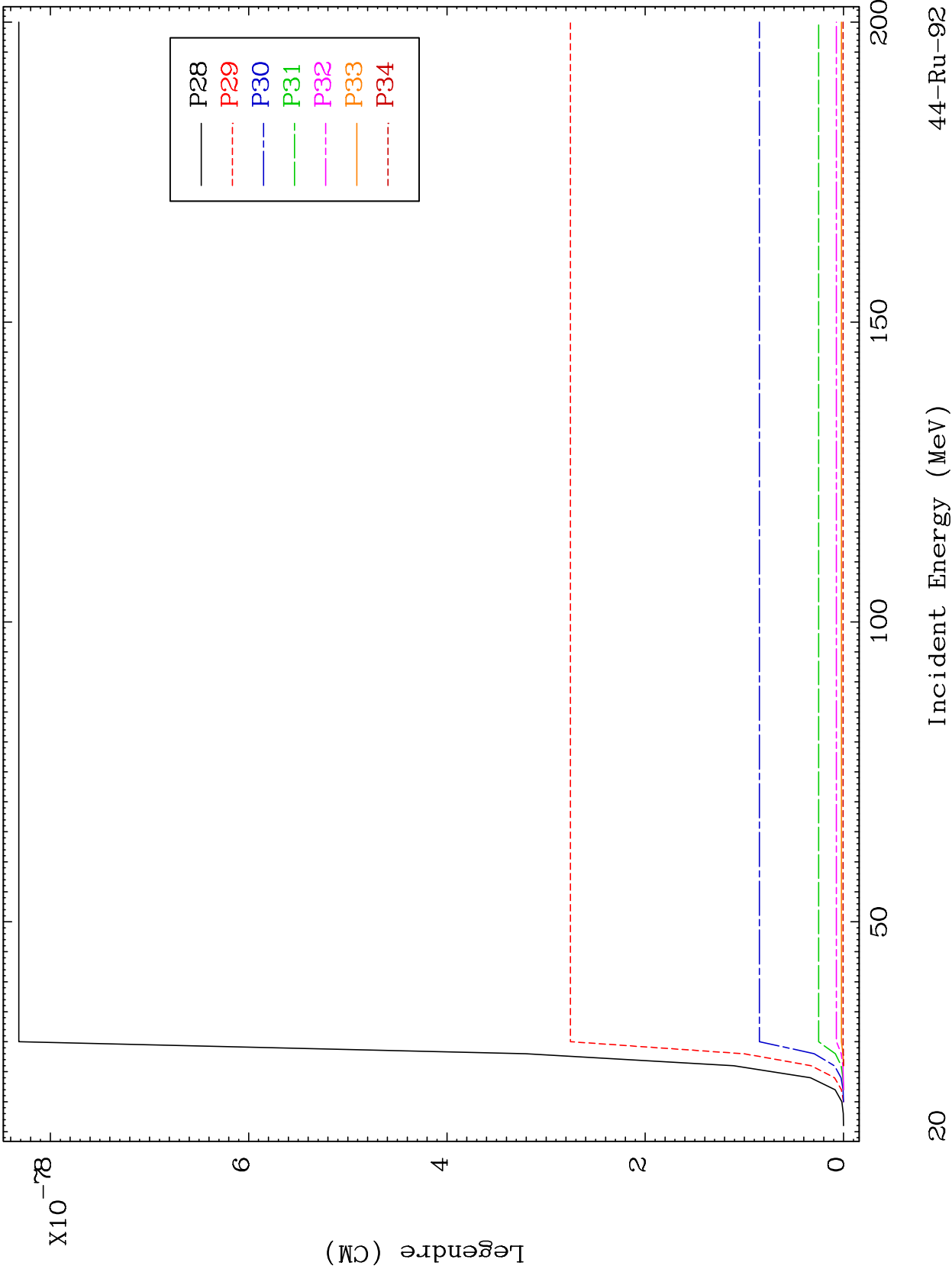
19

44-Ru-92

MAT 4413

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

44-Ru-92



44-Ru-92

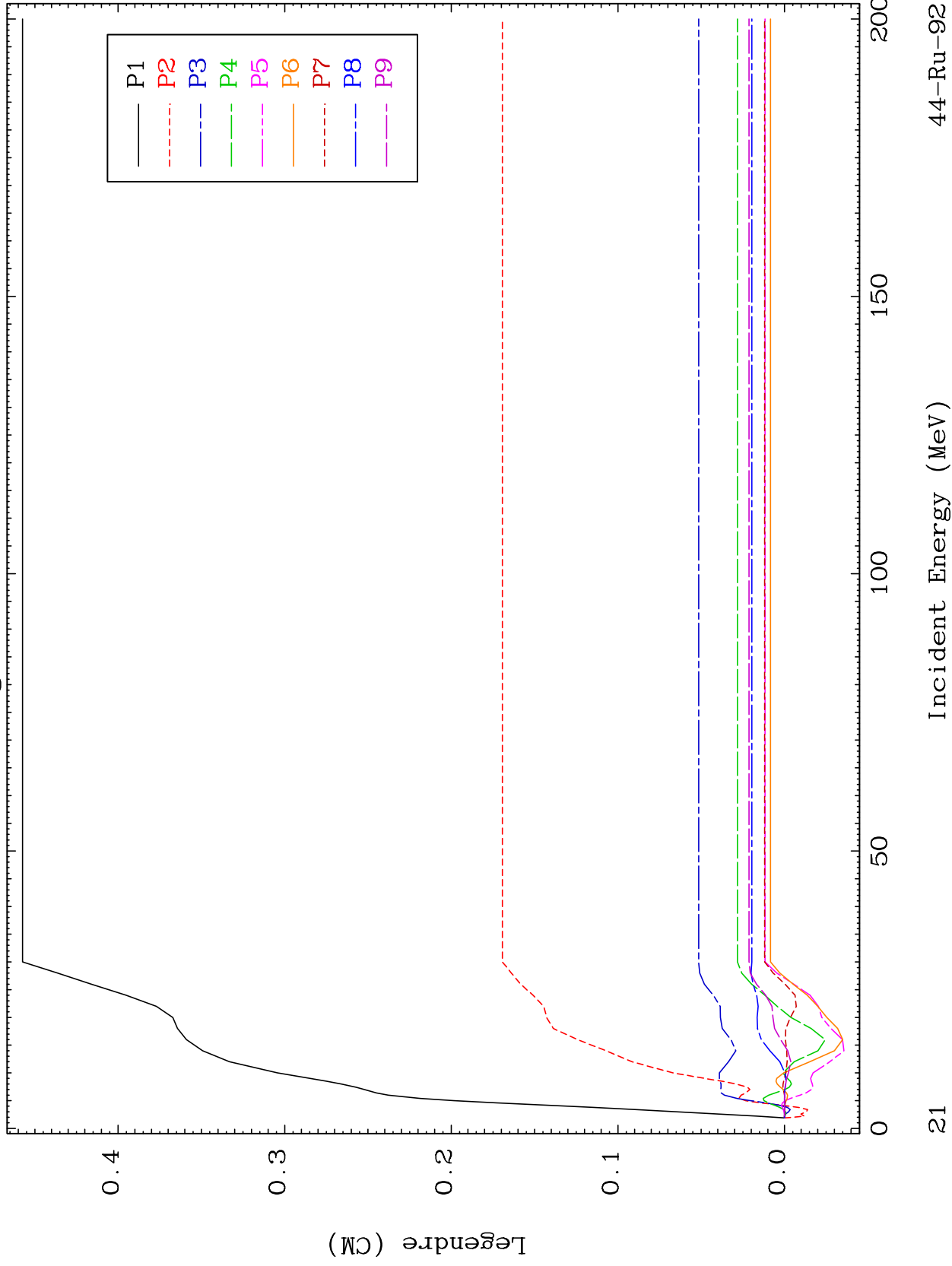
Incident Energy (MeV)

20

MAT 4413

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

44-Ru-92



44-Ru-92

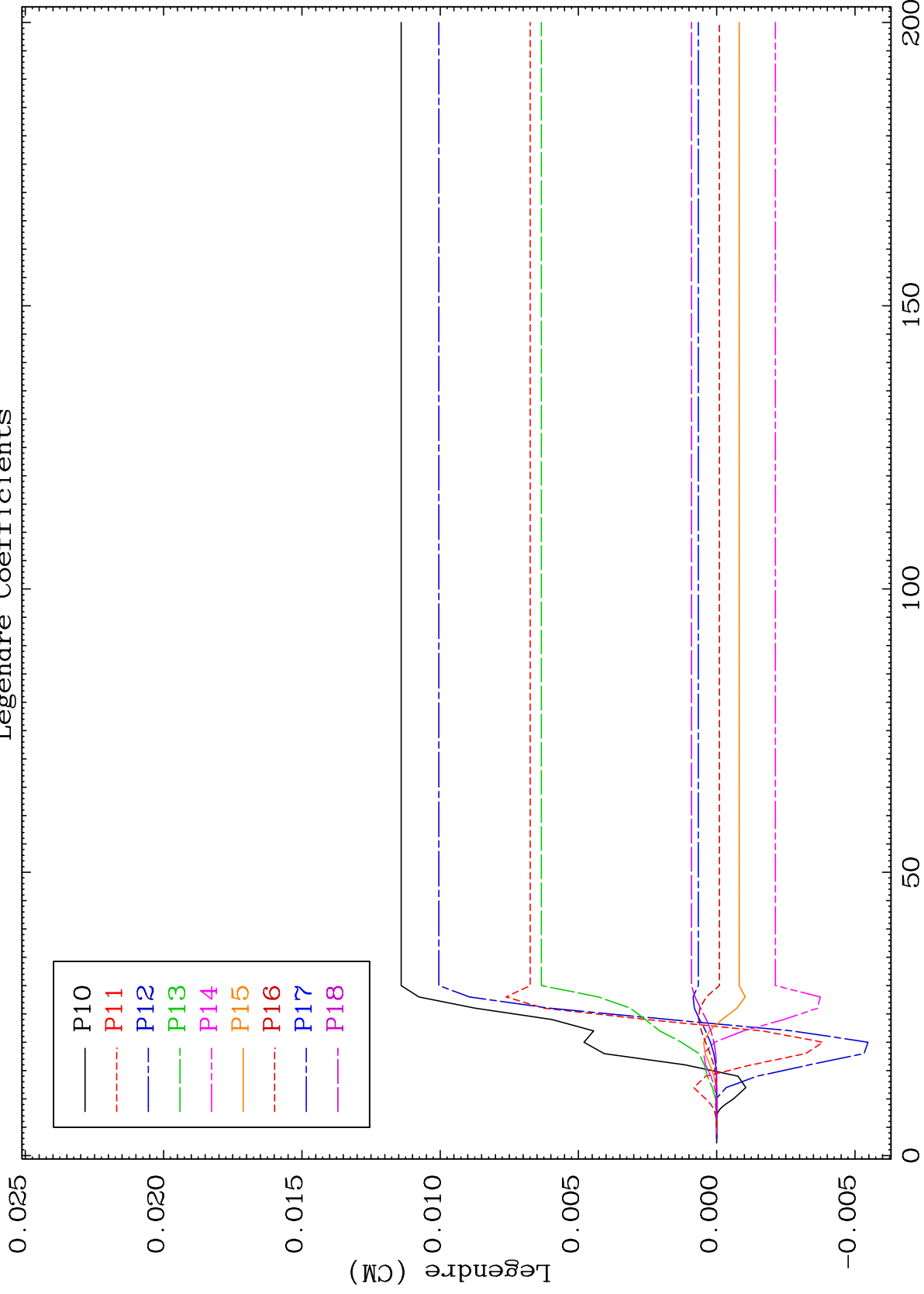
Incident Energy (MeV)

21

MAT 4413

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

44-Ru-92



22

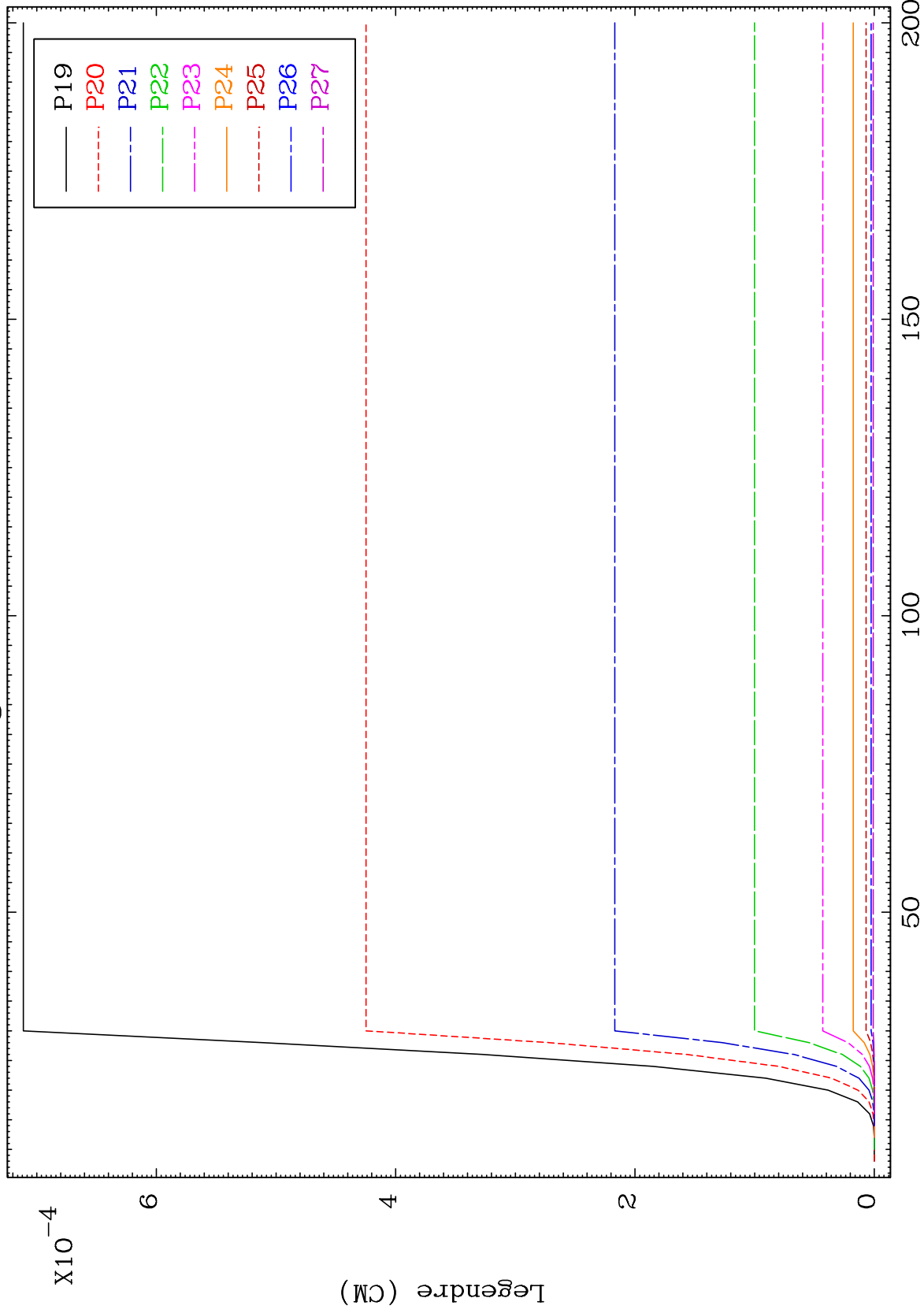
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



23

Incident Energy (MeV)

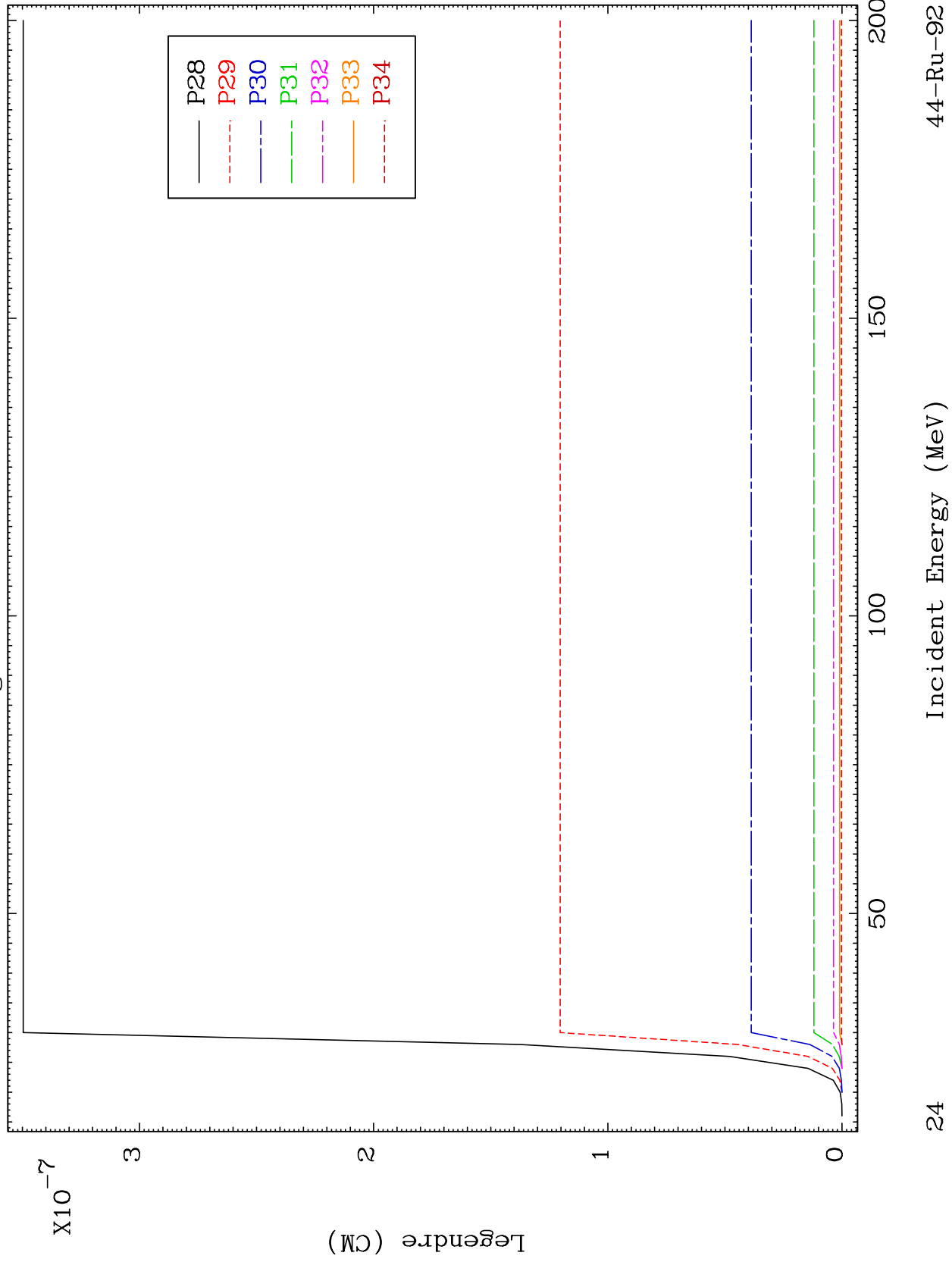
44-Ru-92



MAT 4413

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

44-Ru-92



24

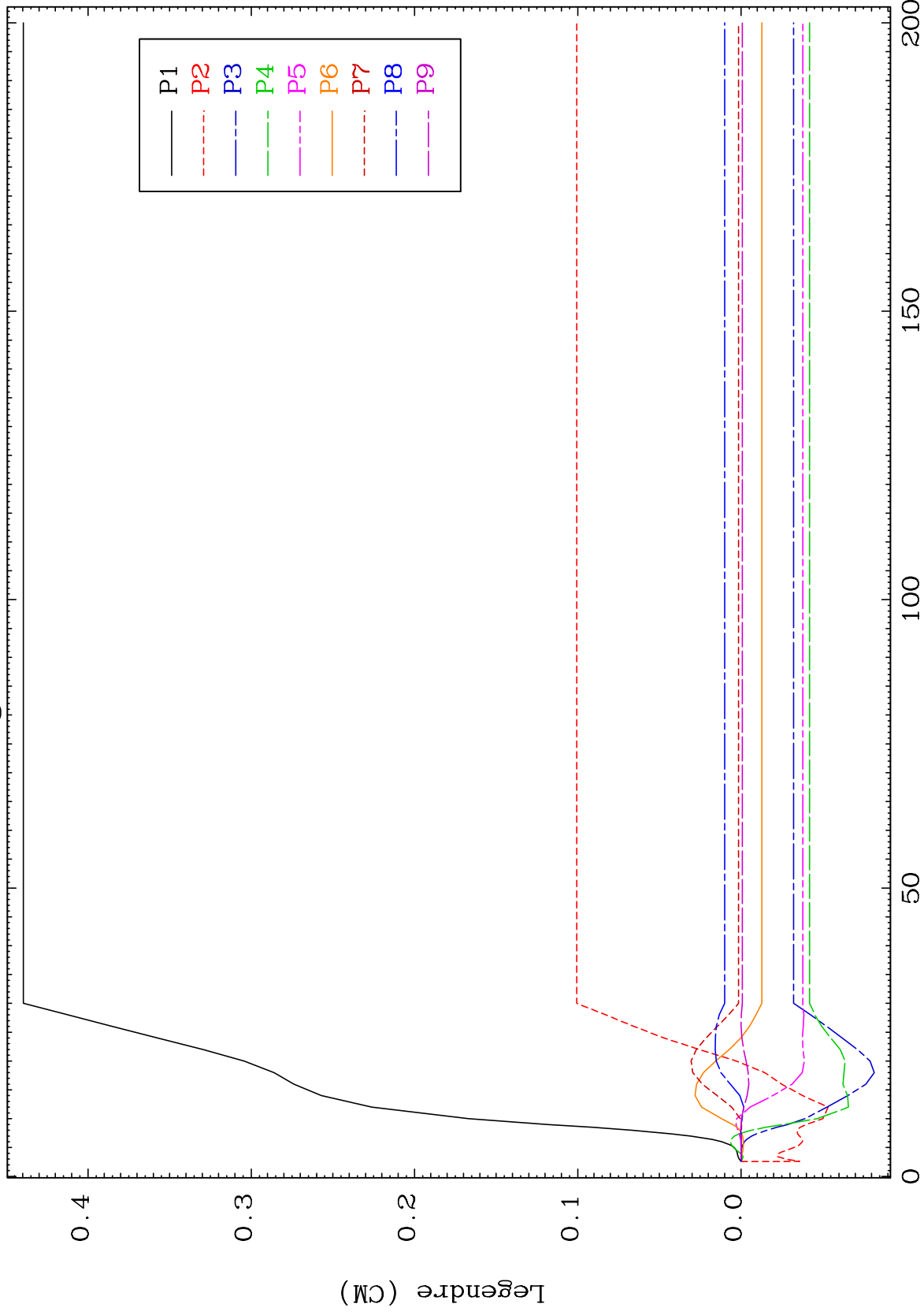
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



25

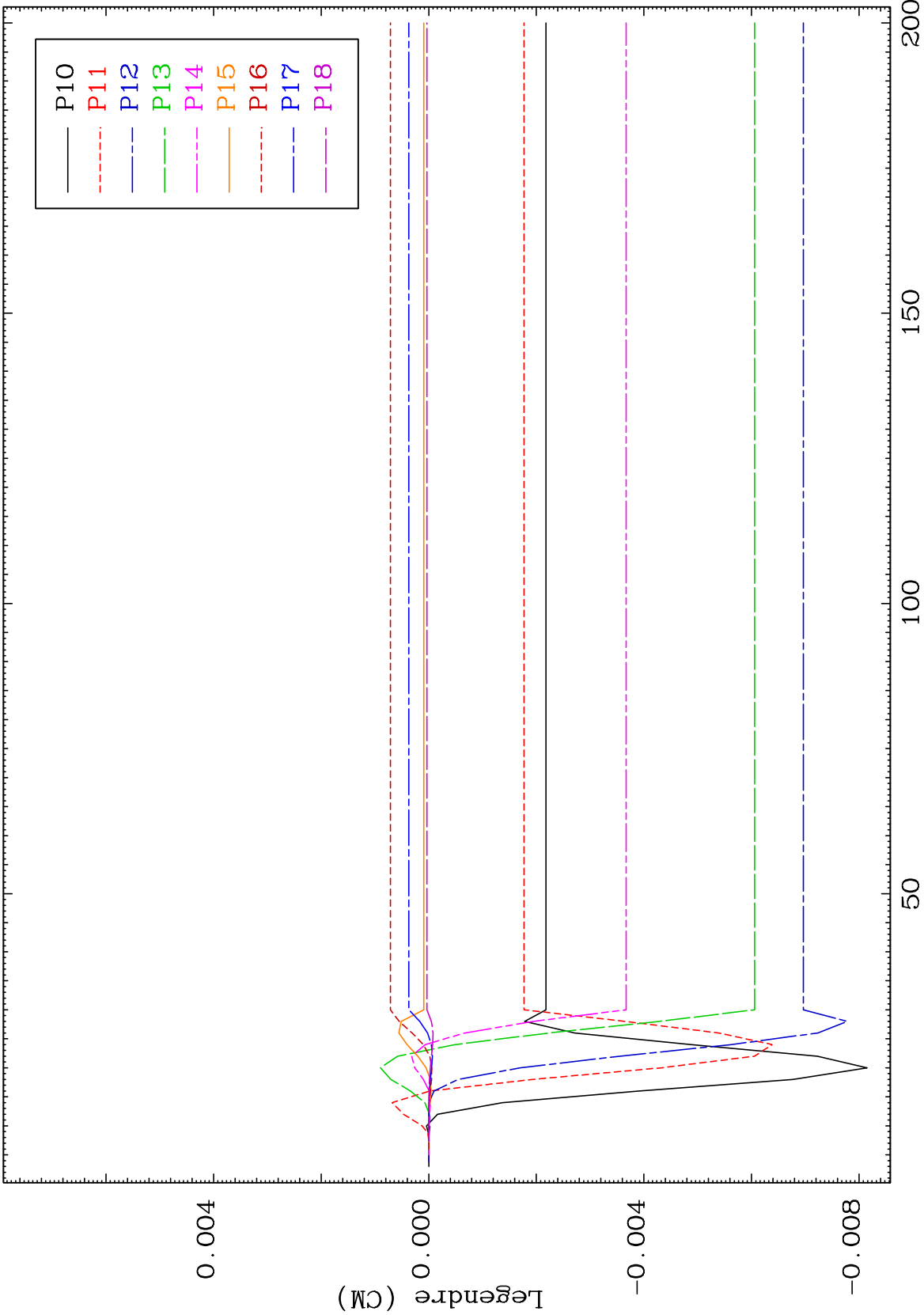
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



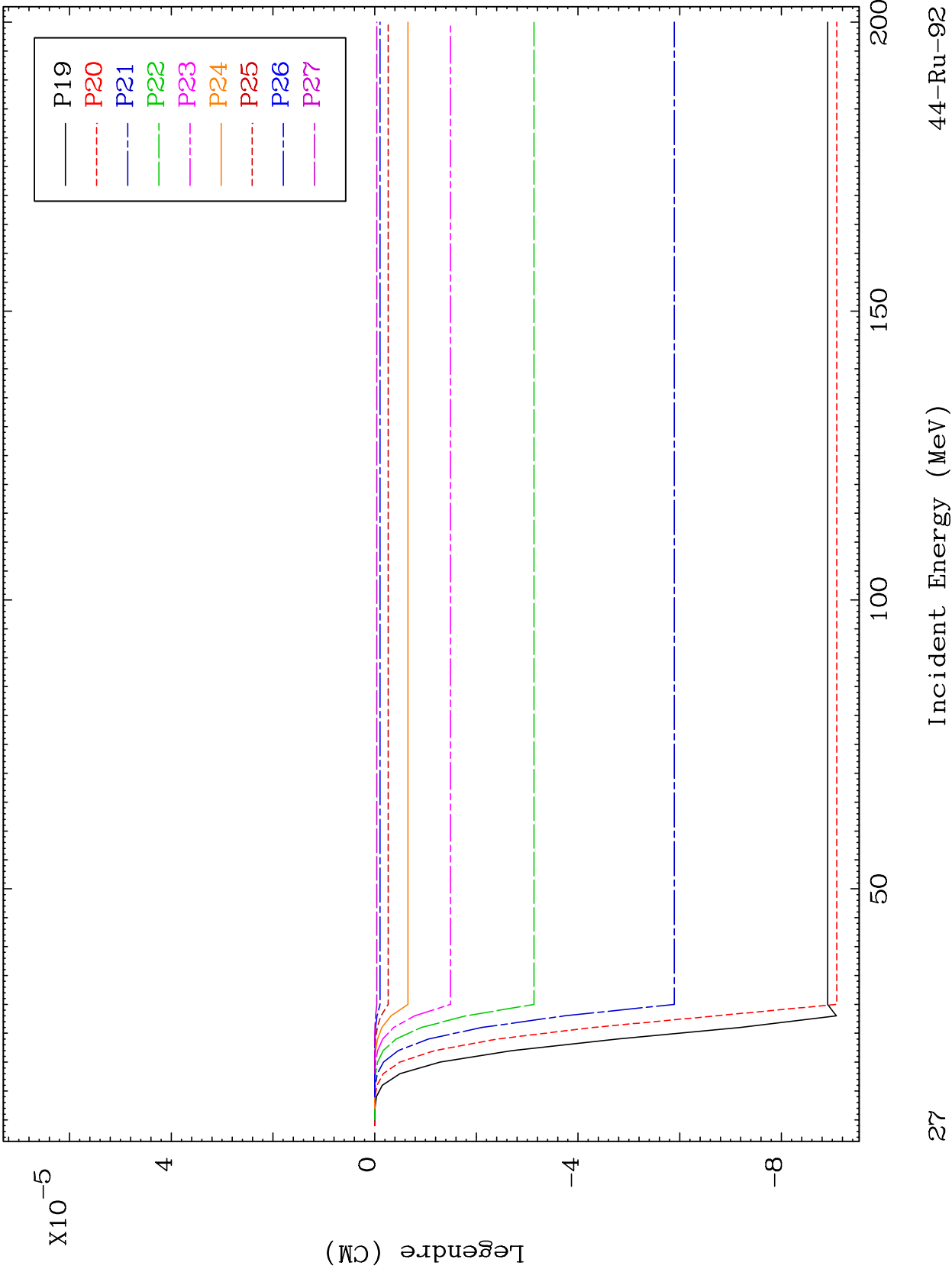
26

44-Ru-92

MAT 4413

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

44-Ru-92

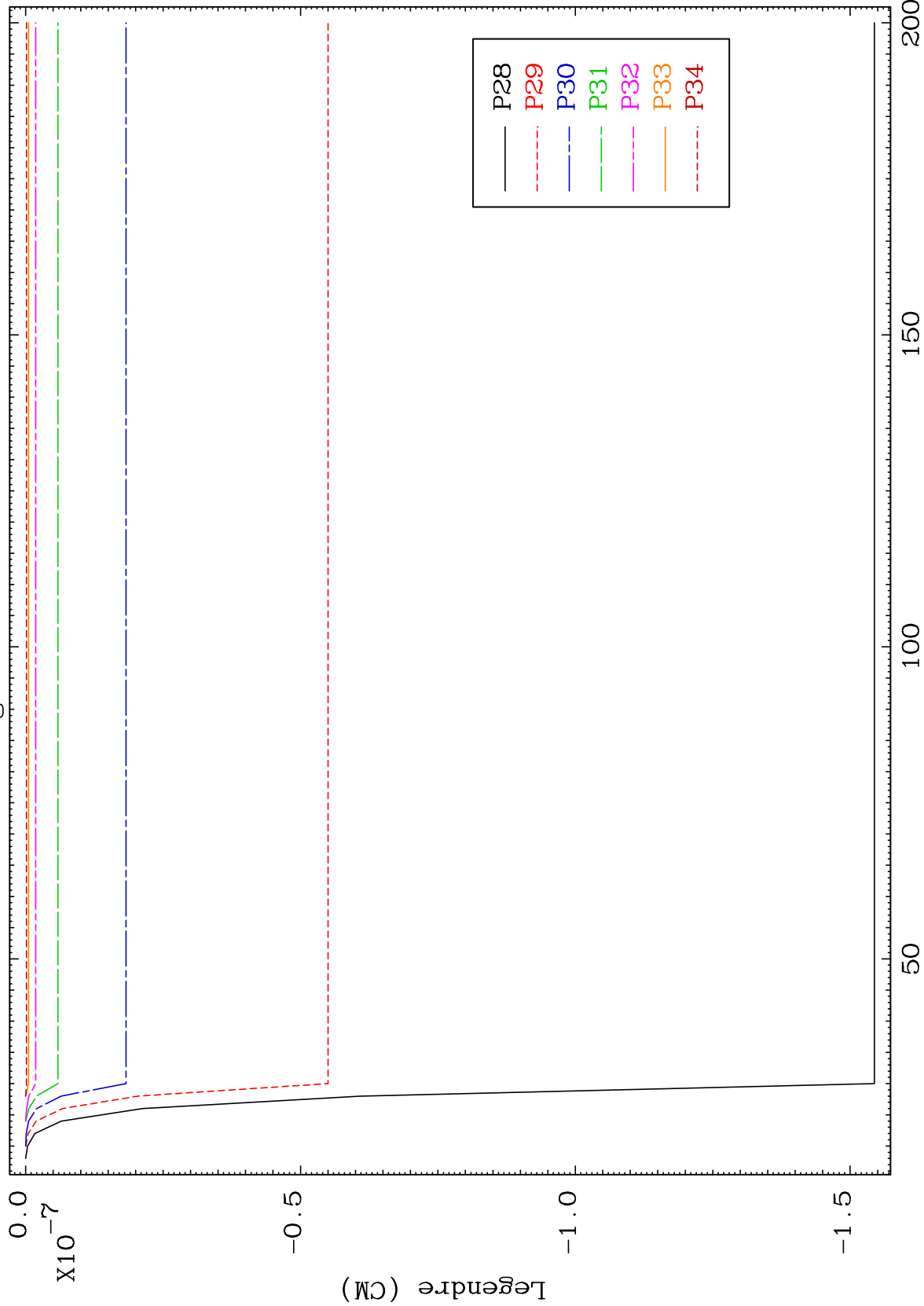


MAT 4413

MT= 53 (n,n') Level

44-Ru-92

Legendre Coefficients



28

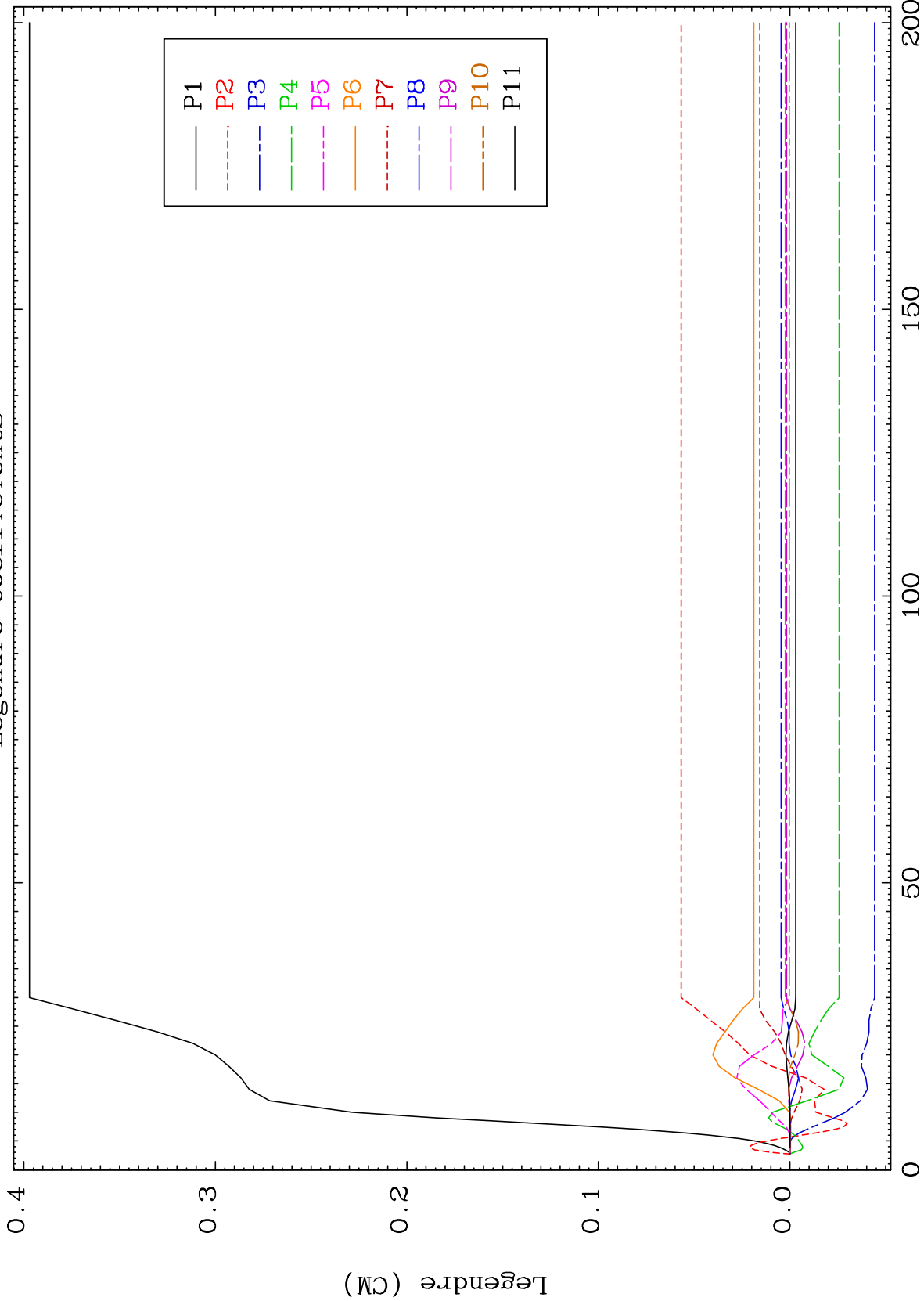
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



29

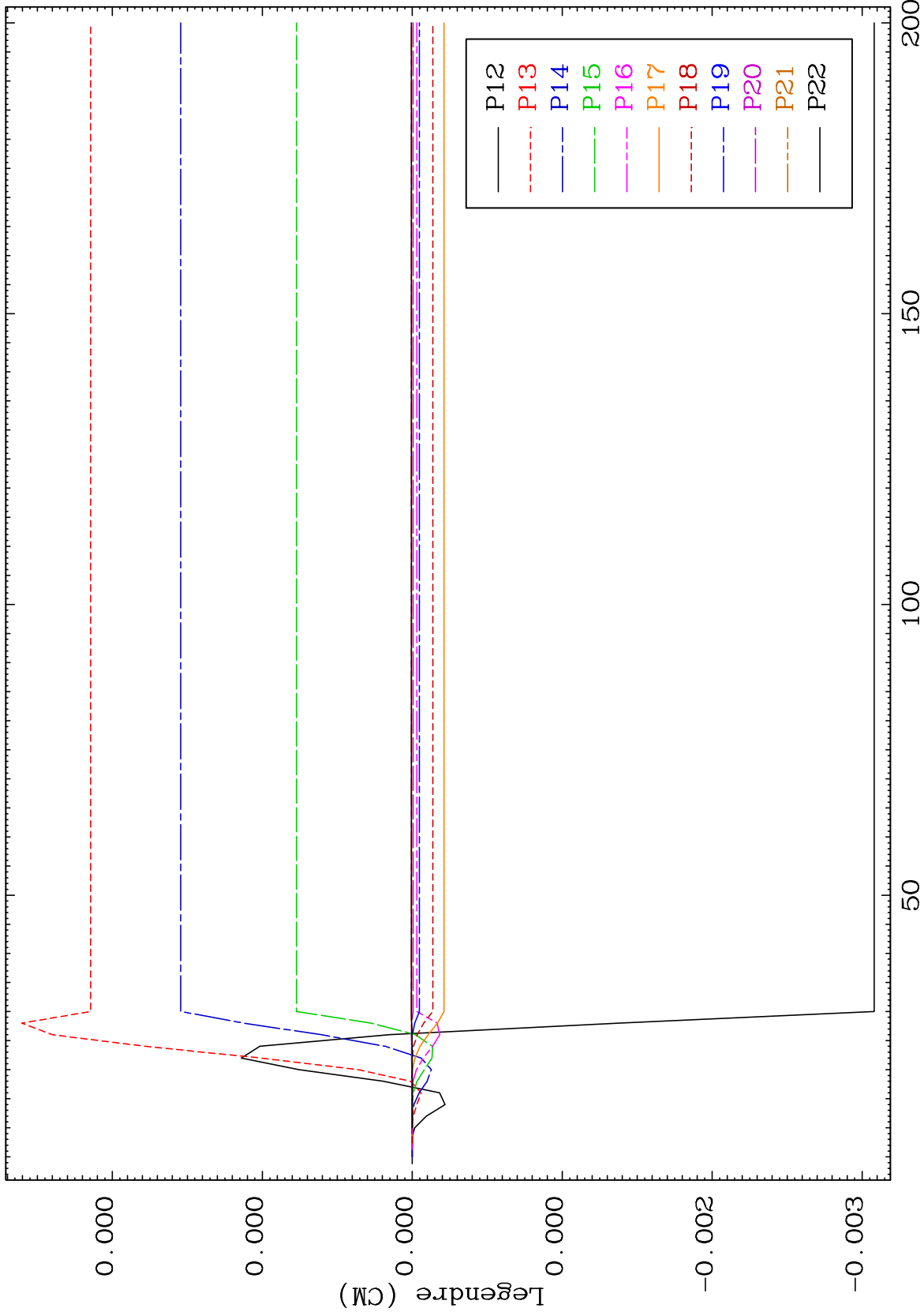
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



30

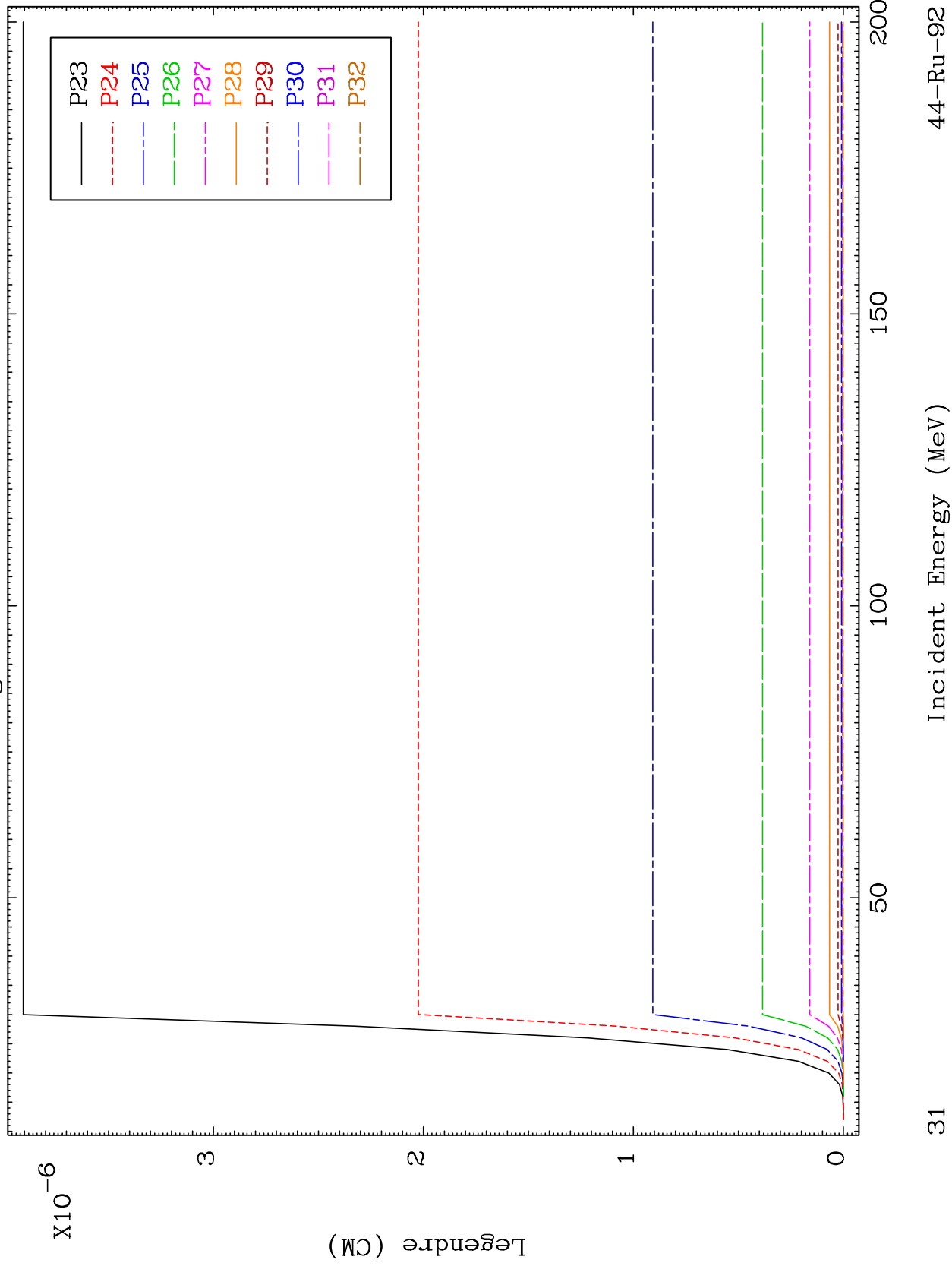
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92

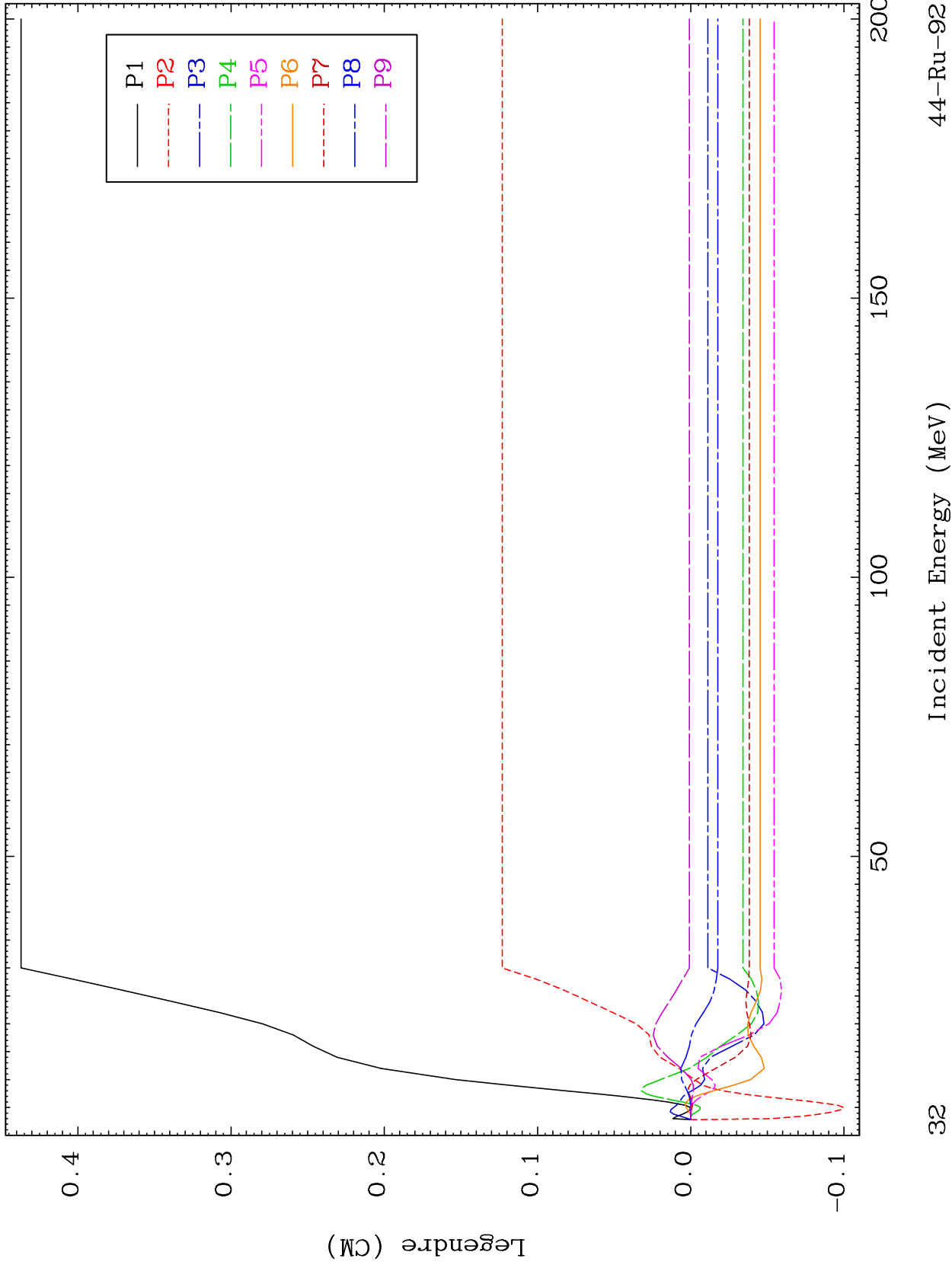




MAT 4413

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

44-Ru-92



32

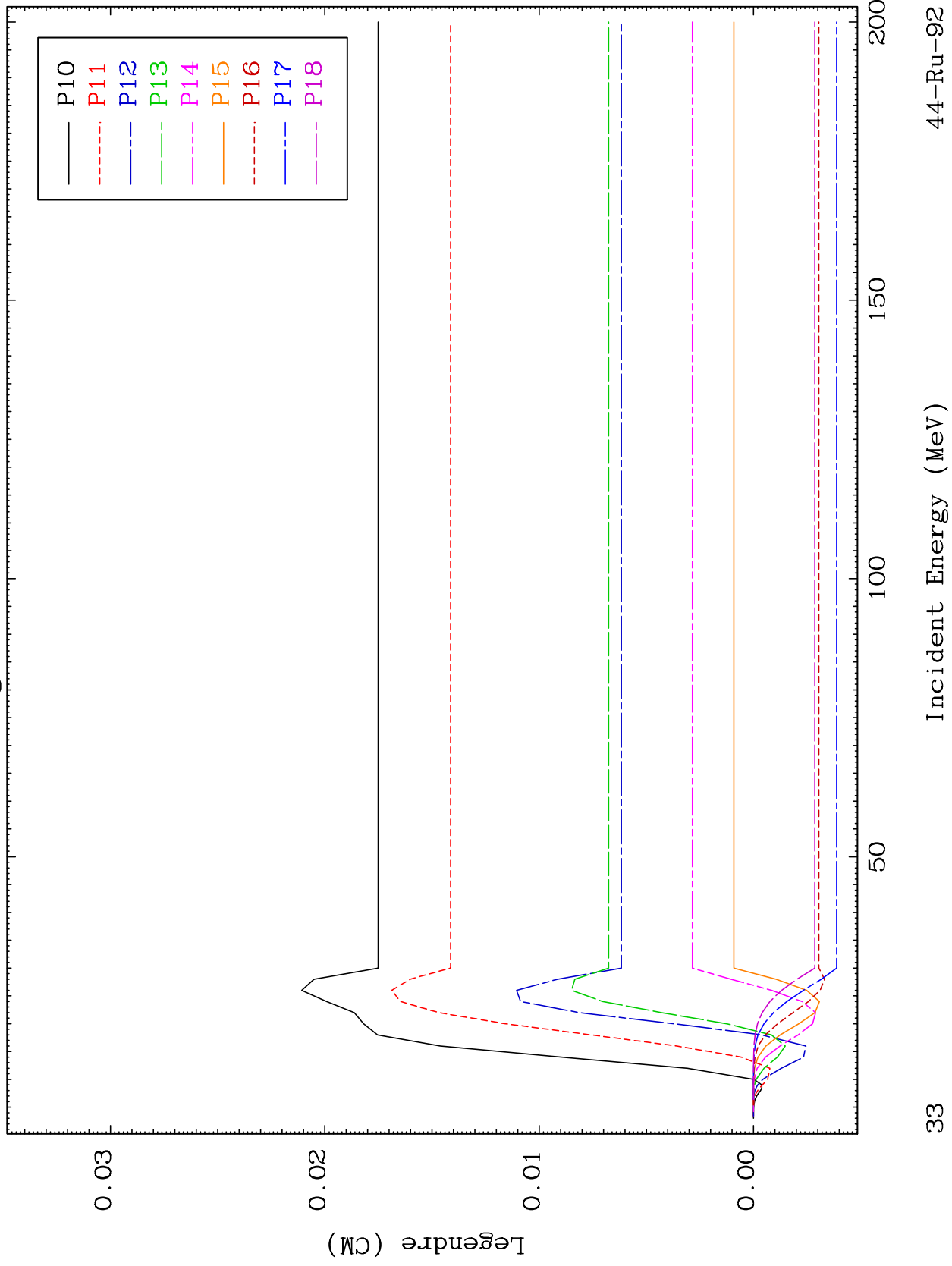
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

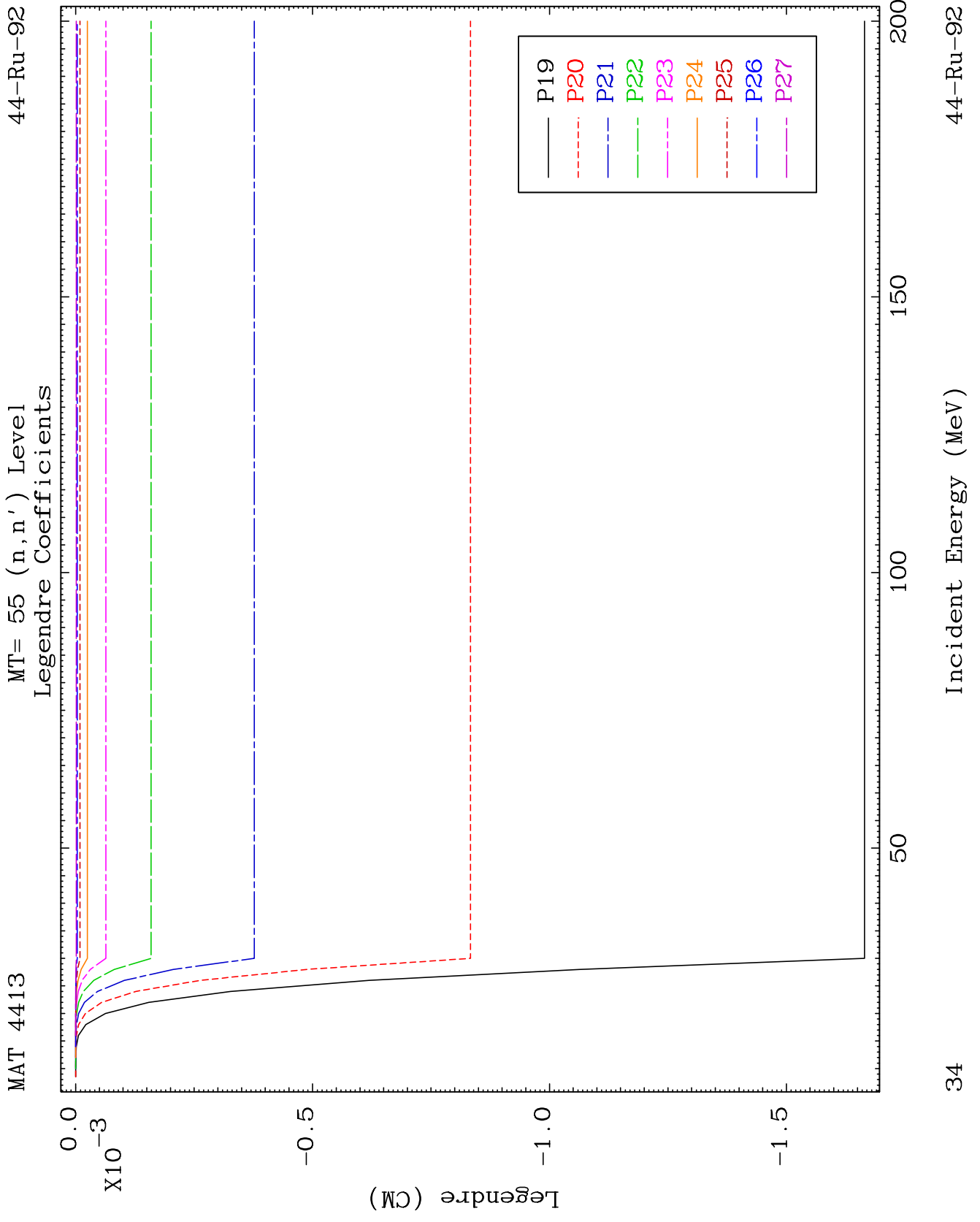
44-Ru-92

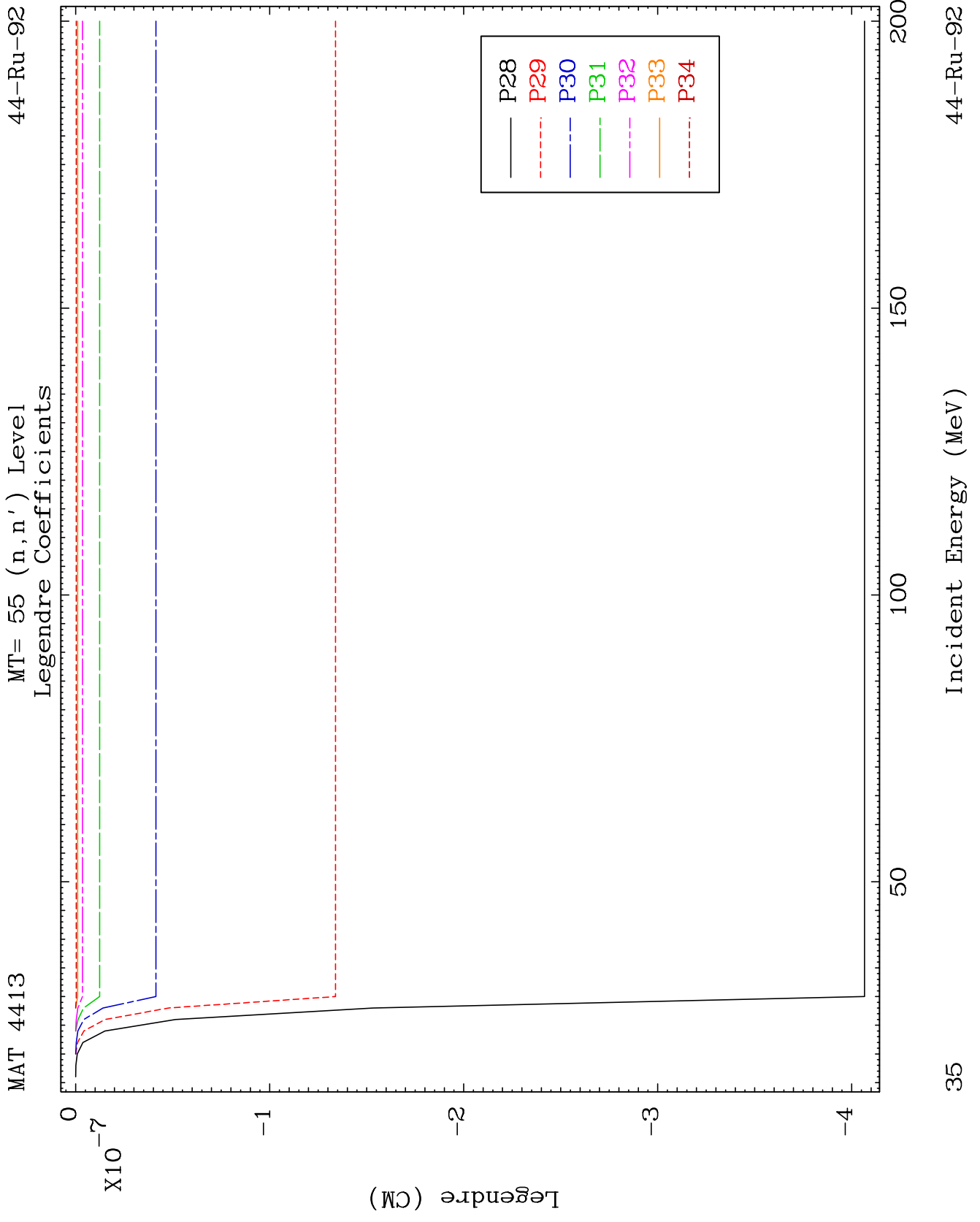


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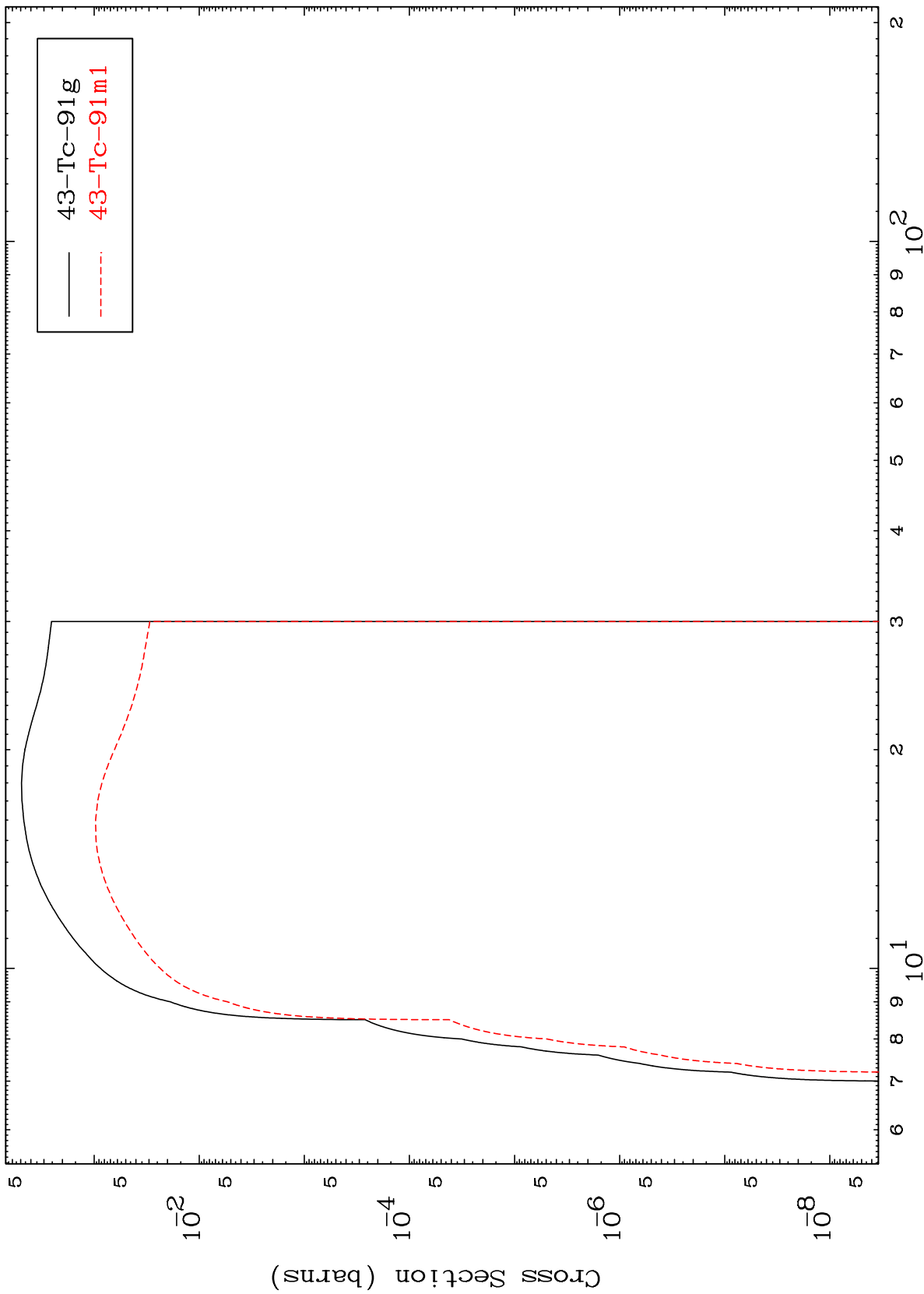
Incident Energy (MeV)

44-Ru-92





(n,n') p  
Radionuclide Production Cross Section

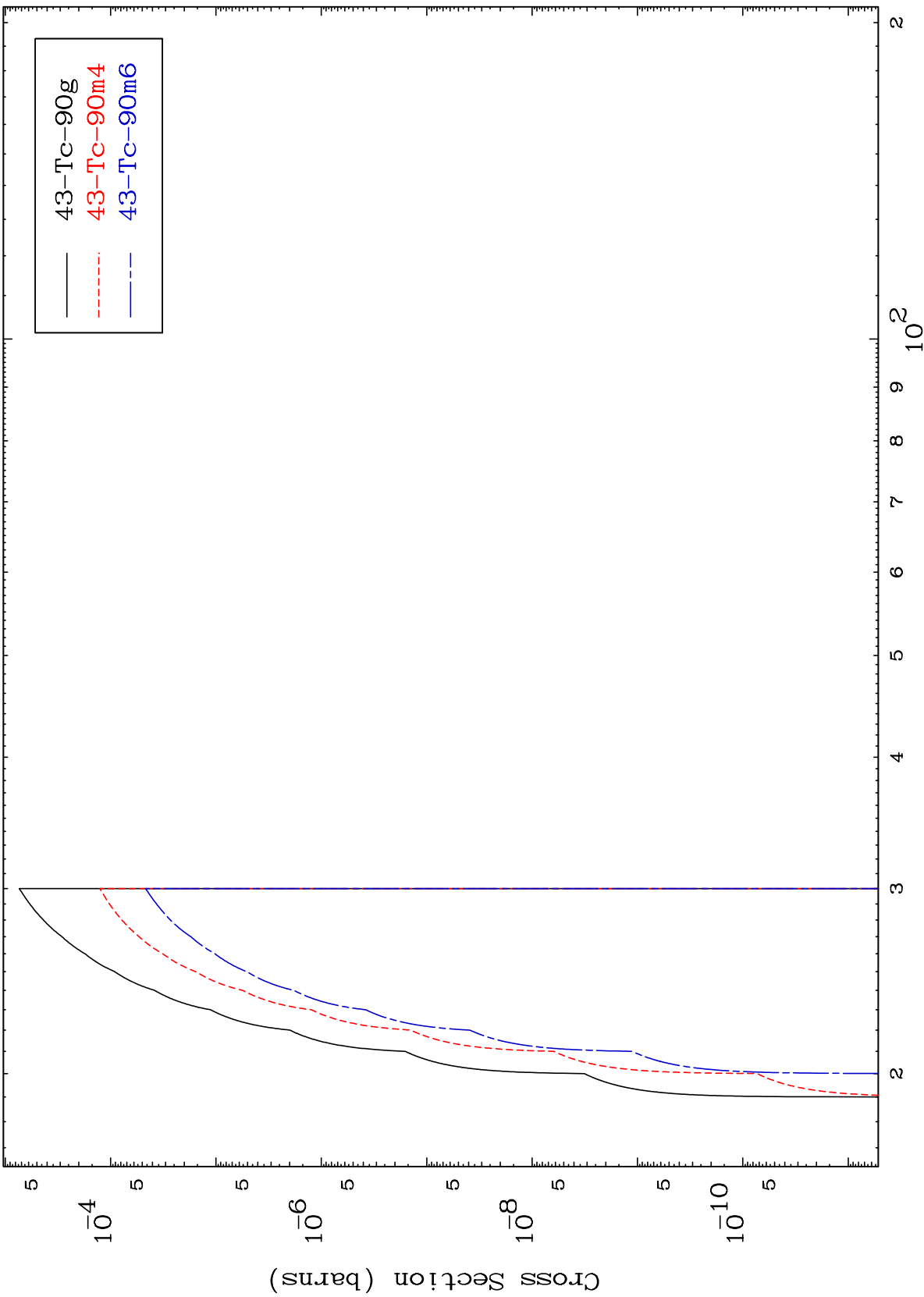


MAT 4413

(n,n') d

44-Ru-92

Radionuclide Production Cross Section

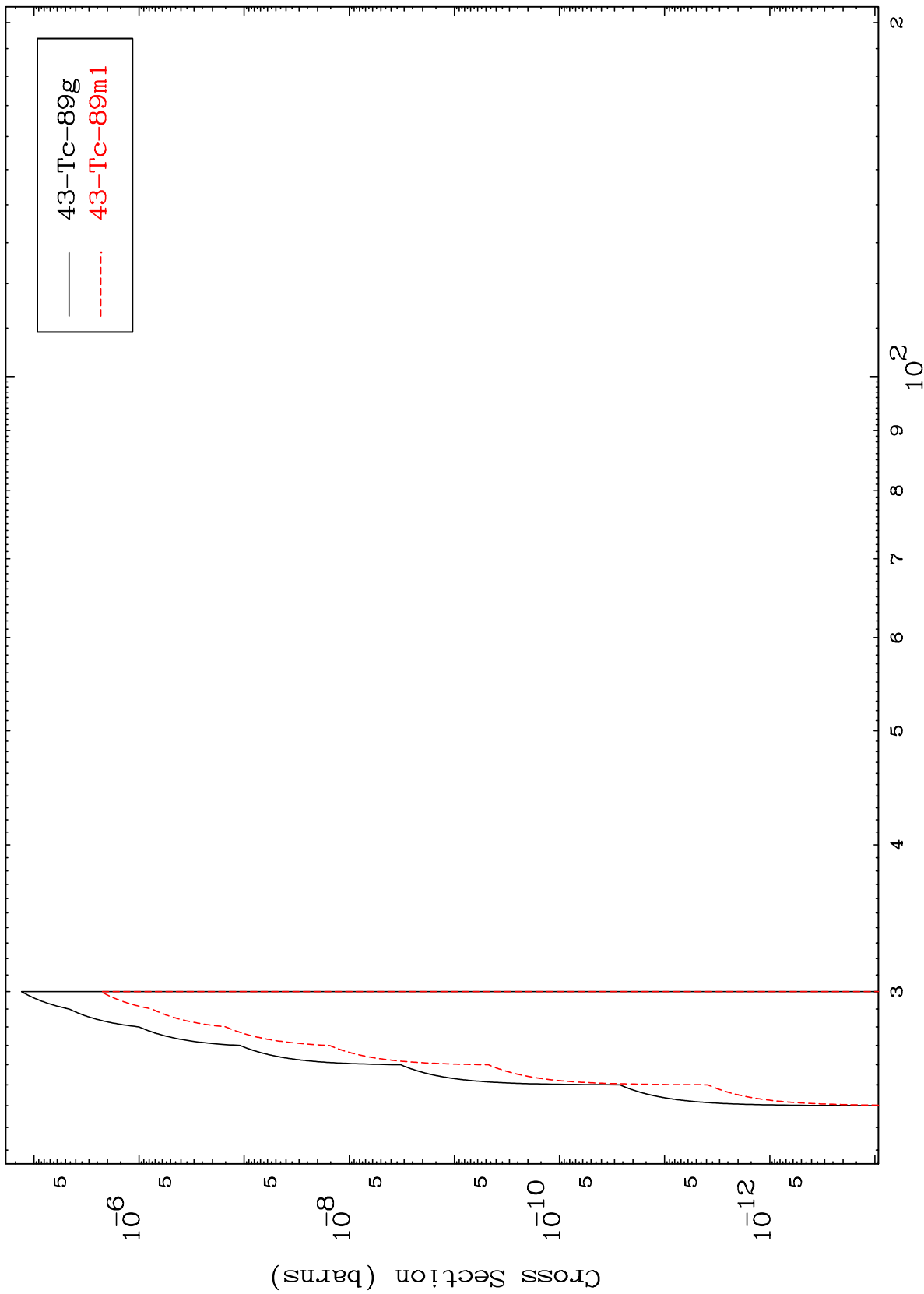


37

Incident Energy (MeV)

44-Ru-92

Radionuclide Production Cross Section

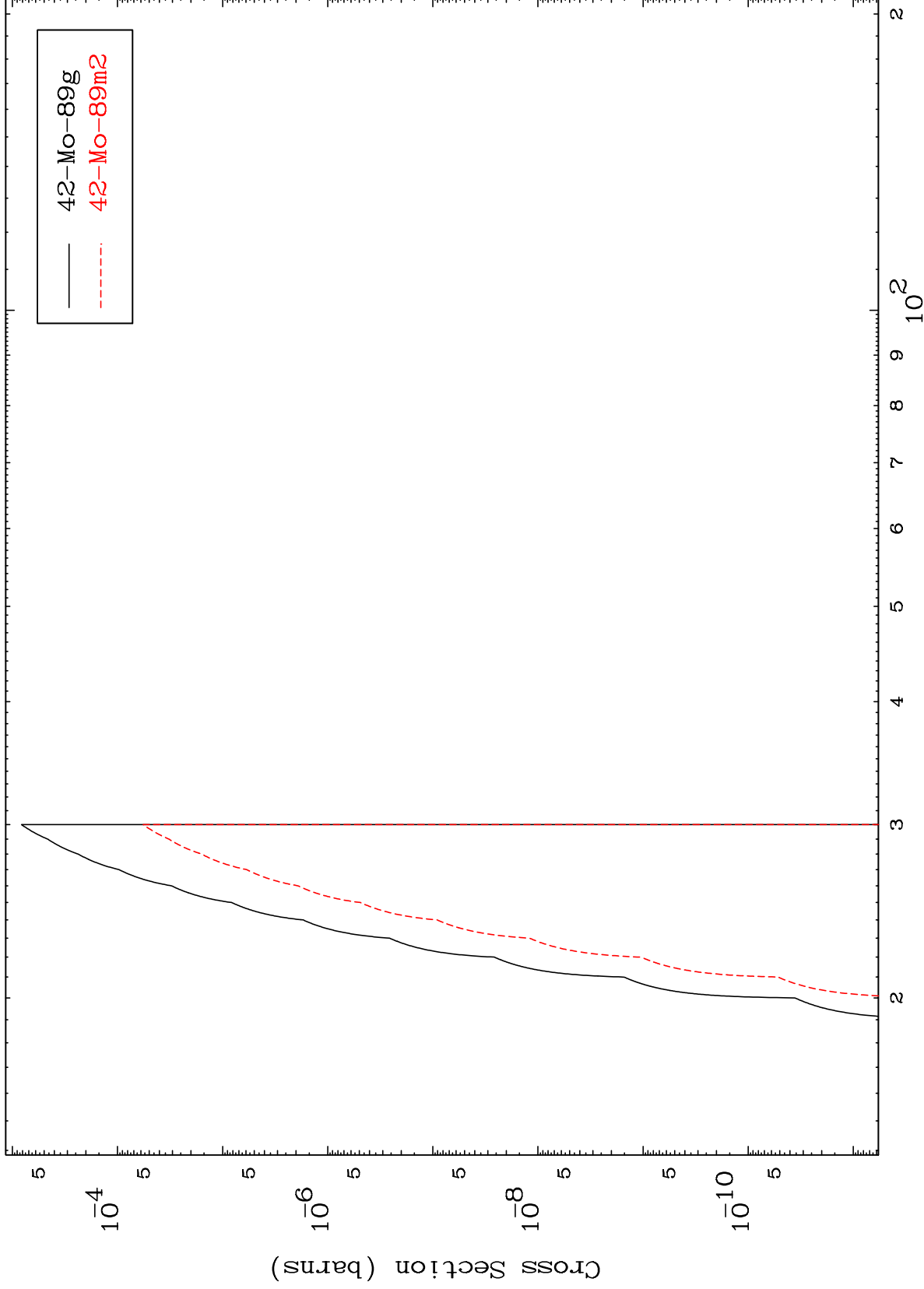


MAT 4413

(n,n') He-3

44-Ru-92

Radionuclide Production Cross Section



39

Incident Energy (MeV)

44-Ru-92

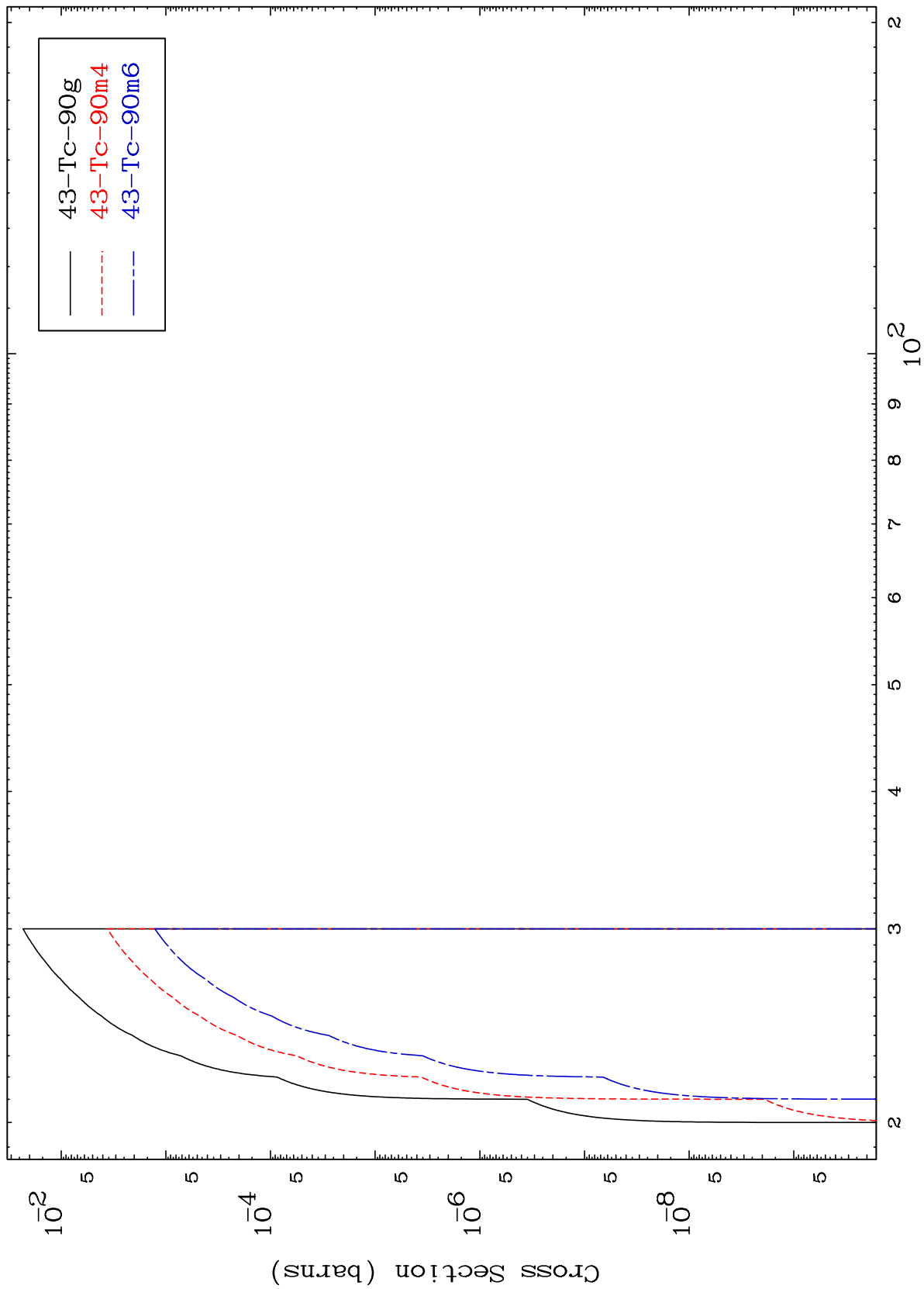


MAT 4413

(n,2n) p

44-Ru-92

Radionuclide Production Cross Section



40

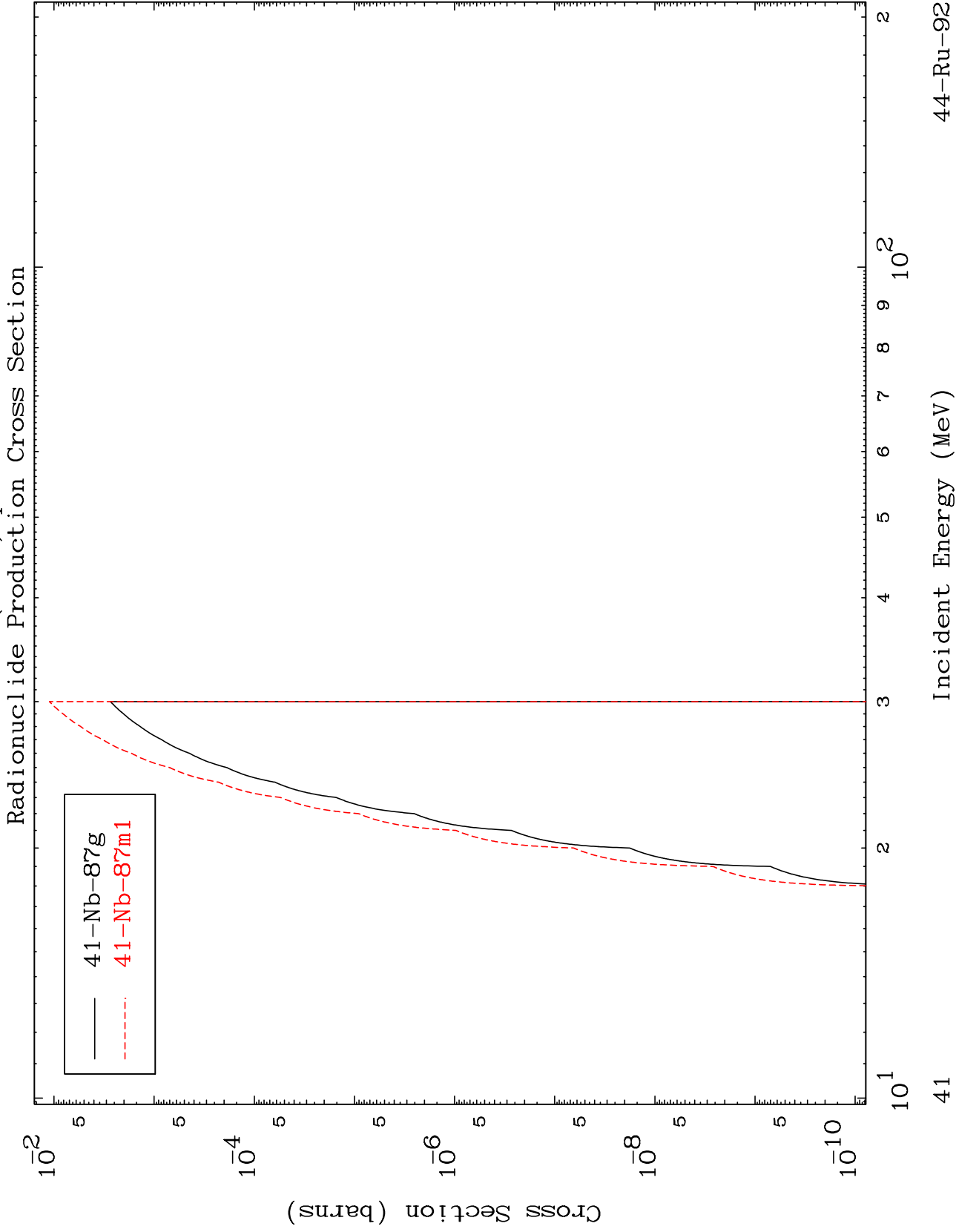
Incident Energy (MeV)

44-Ru-92

MAT 4413

(n,n') p  $\alpha$

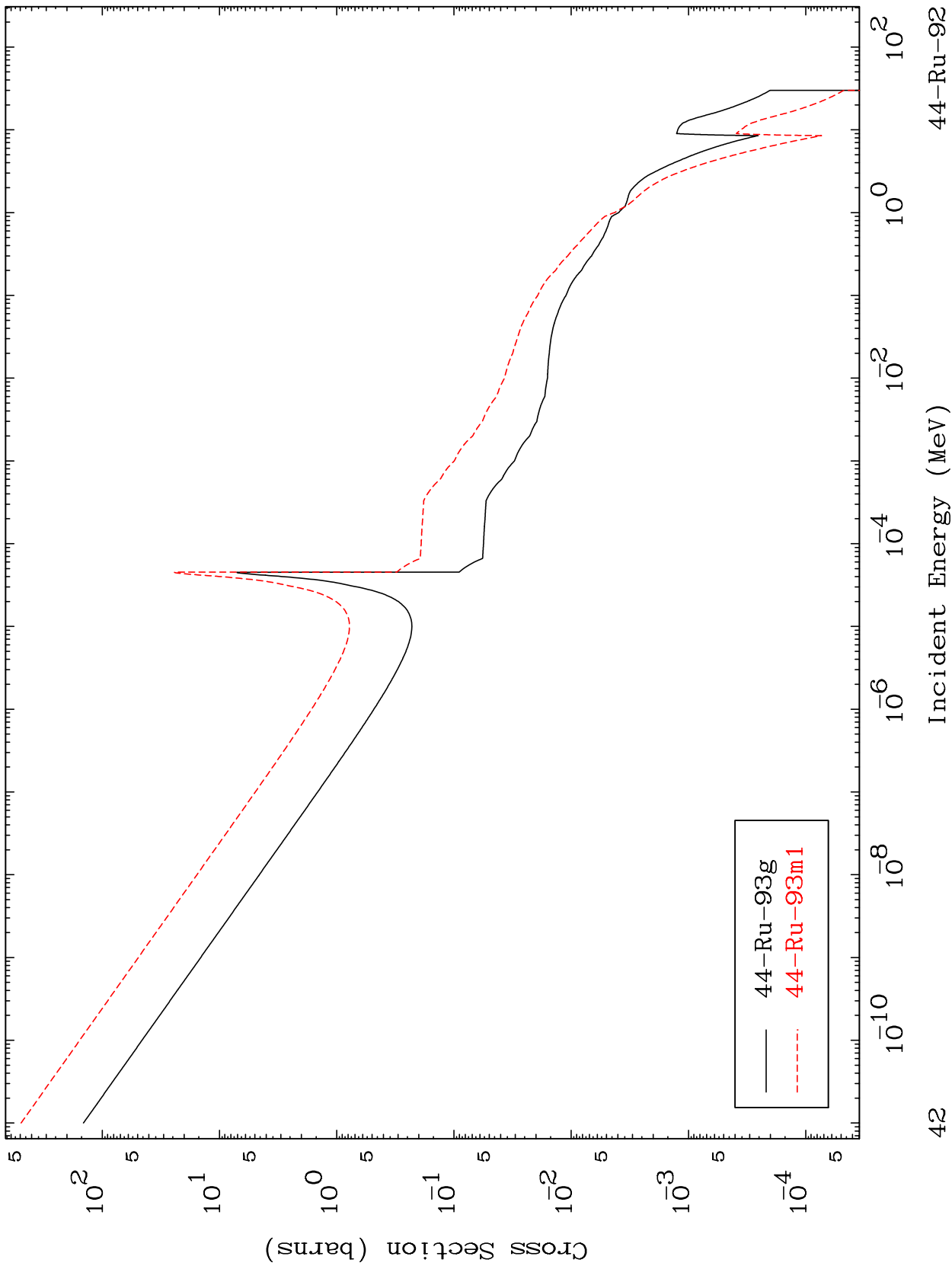
44-Ru-92



MAT 4413

44-Ru-92

$(n, \gamma)$   
Radionuclide Production Cross Section



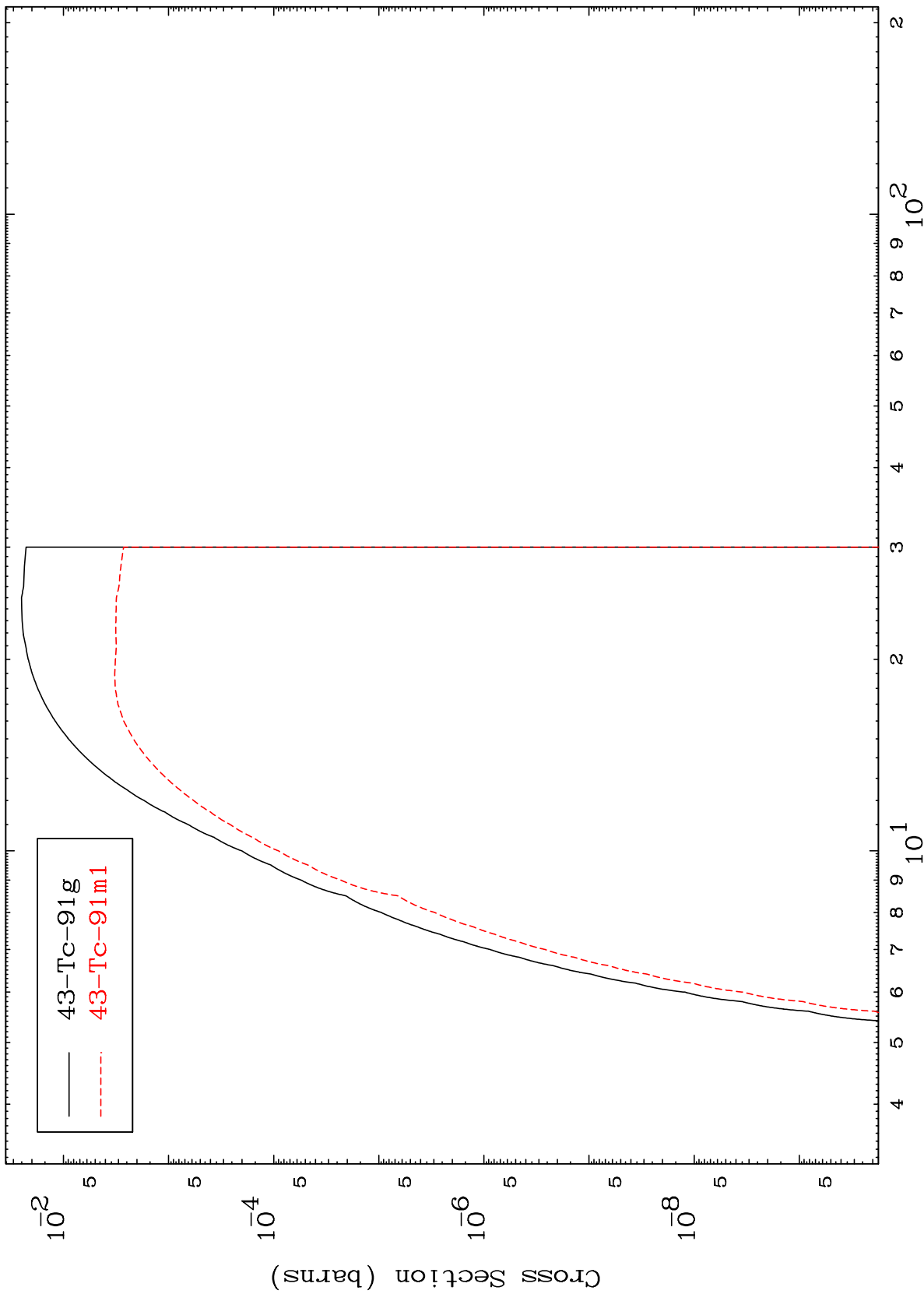
42

44-Ru-92

MAT 4413

44-Ru-92

(n,d)  
Radionuclide Production Cross Section



43

Incident Energy (MeV)

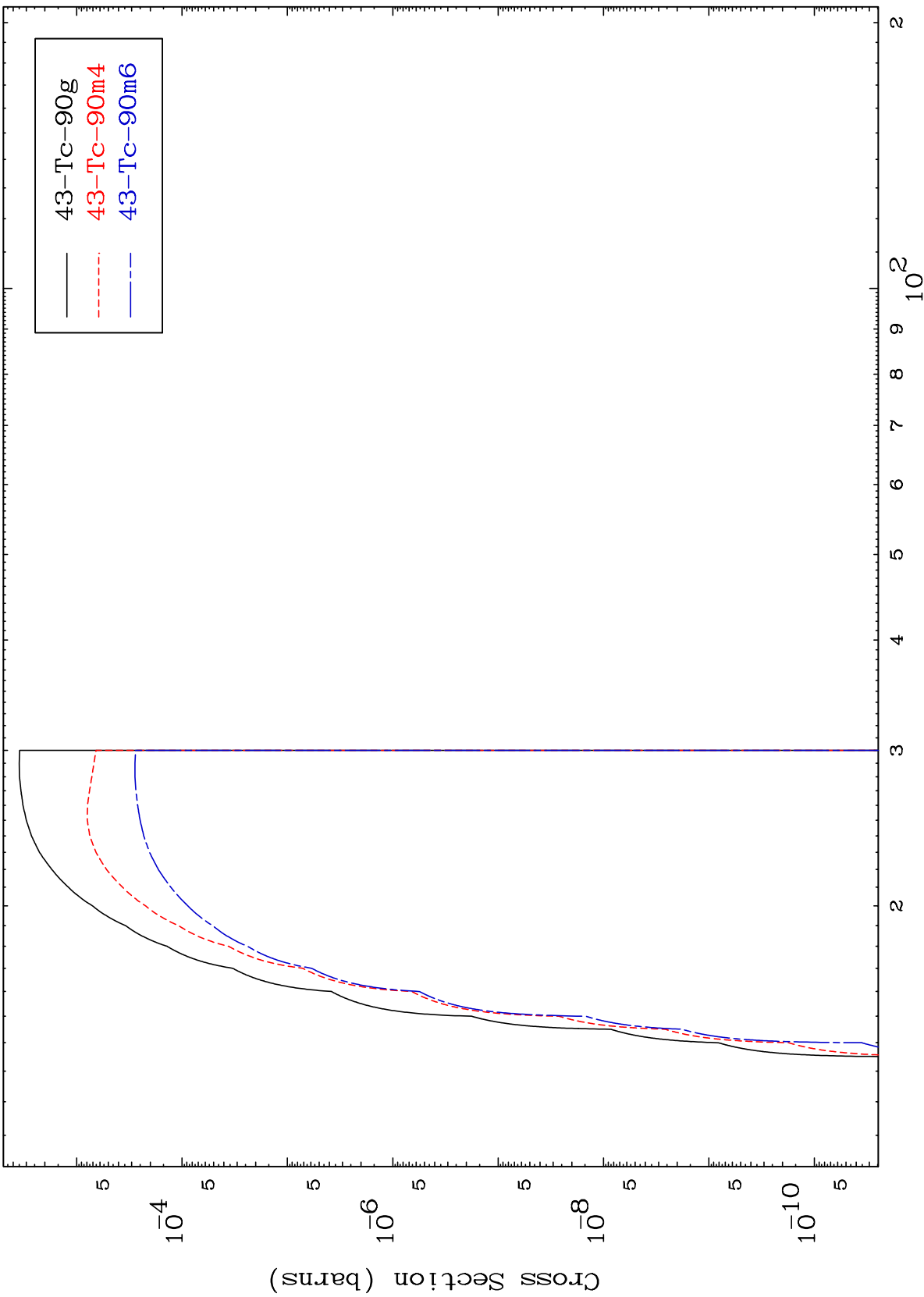
44-Ru-92

MAT 4413

(n, t)

44-Ru-92

Radionuclide Production Cross Section



44

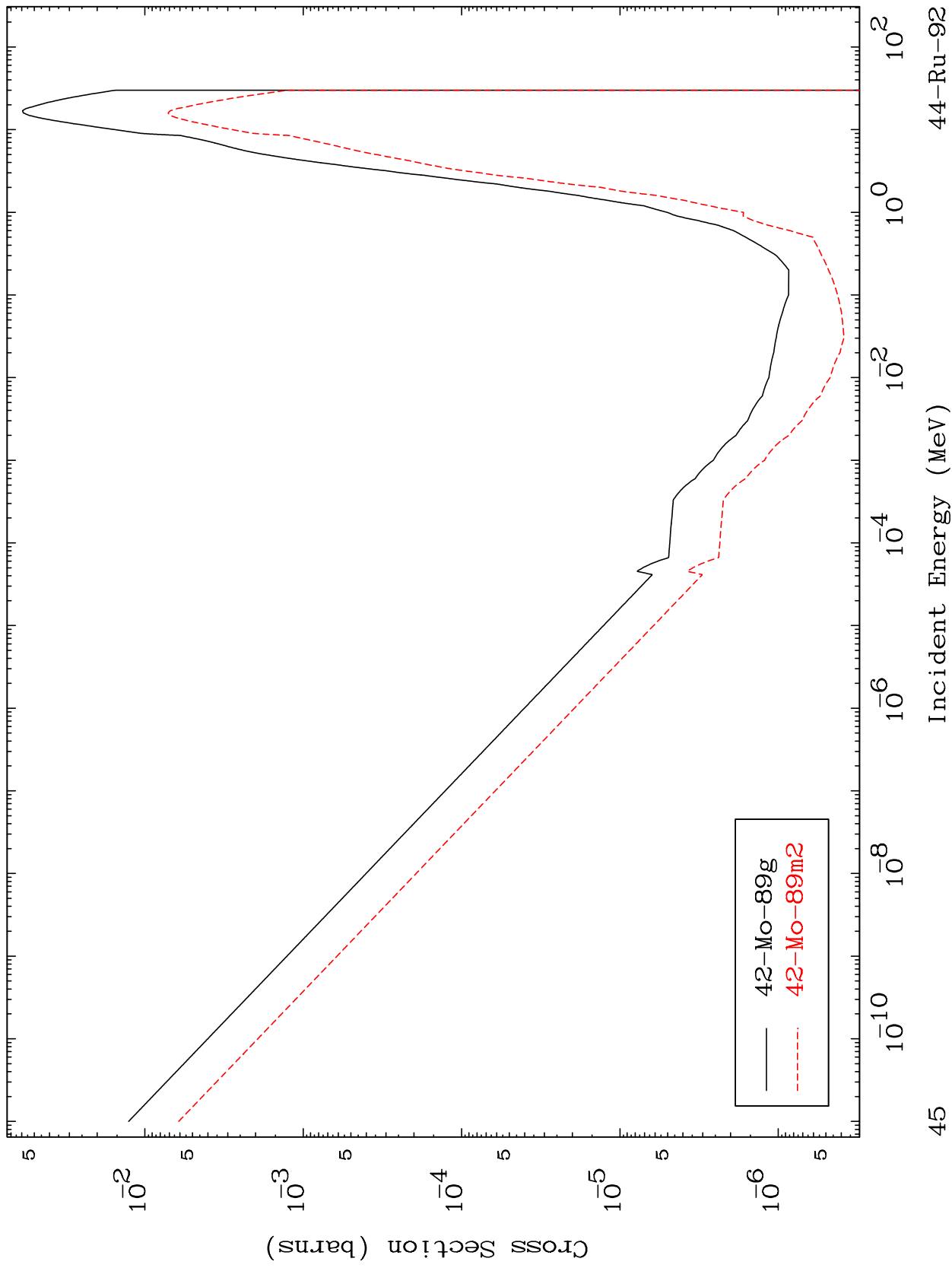
Incident Energy (MeV)

44-Ru-92

MAT 4413

44-Ru-92

Radionuclide Production Cross Section  
(n,  $\alpha$ )

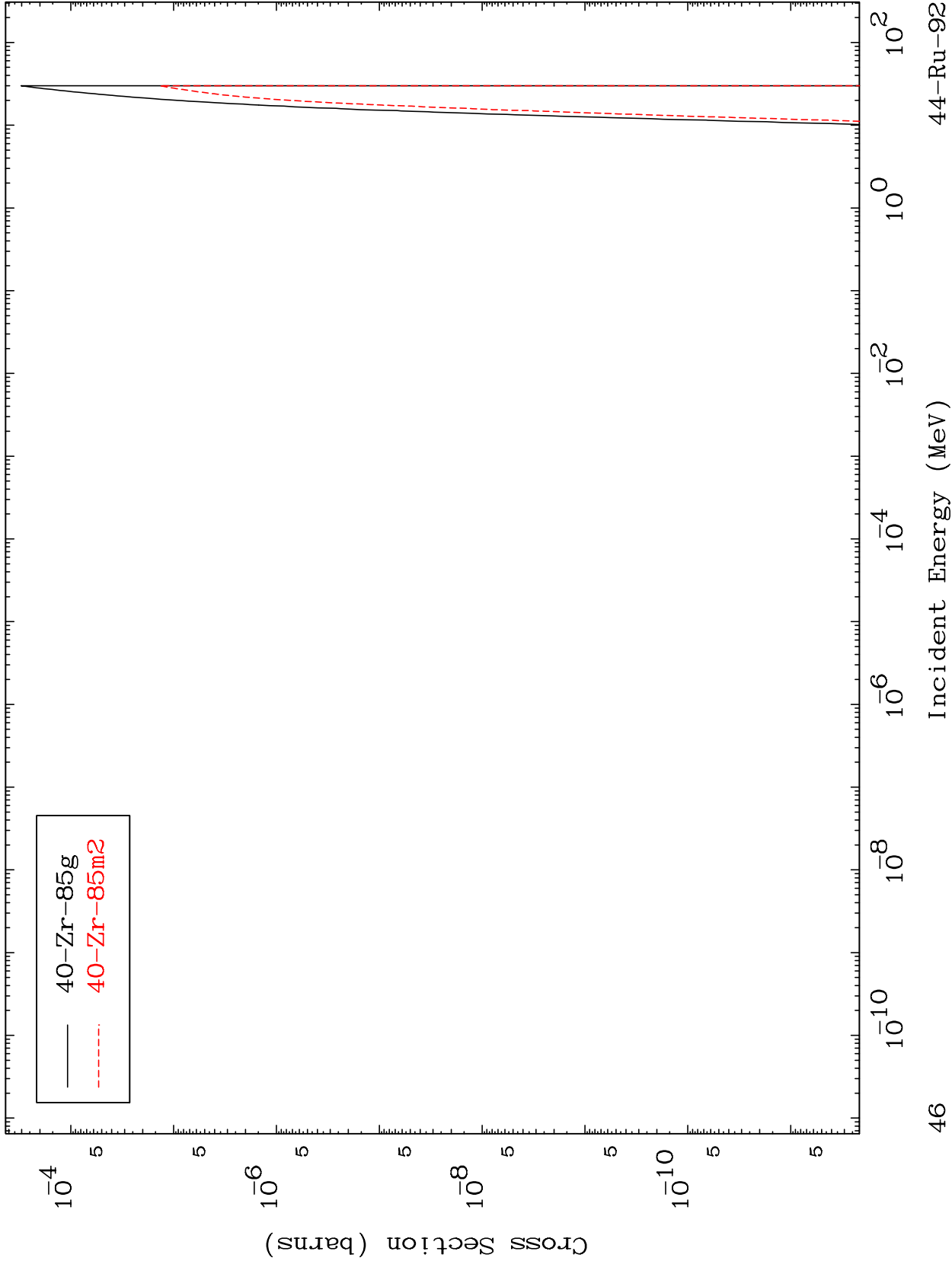


MAT 4413

(n,2α)

44-Ru-92

Radionuclide Production Cross Section



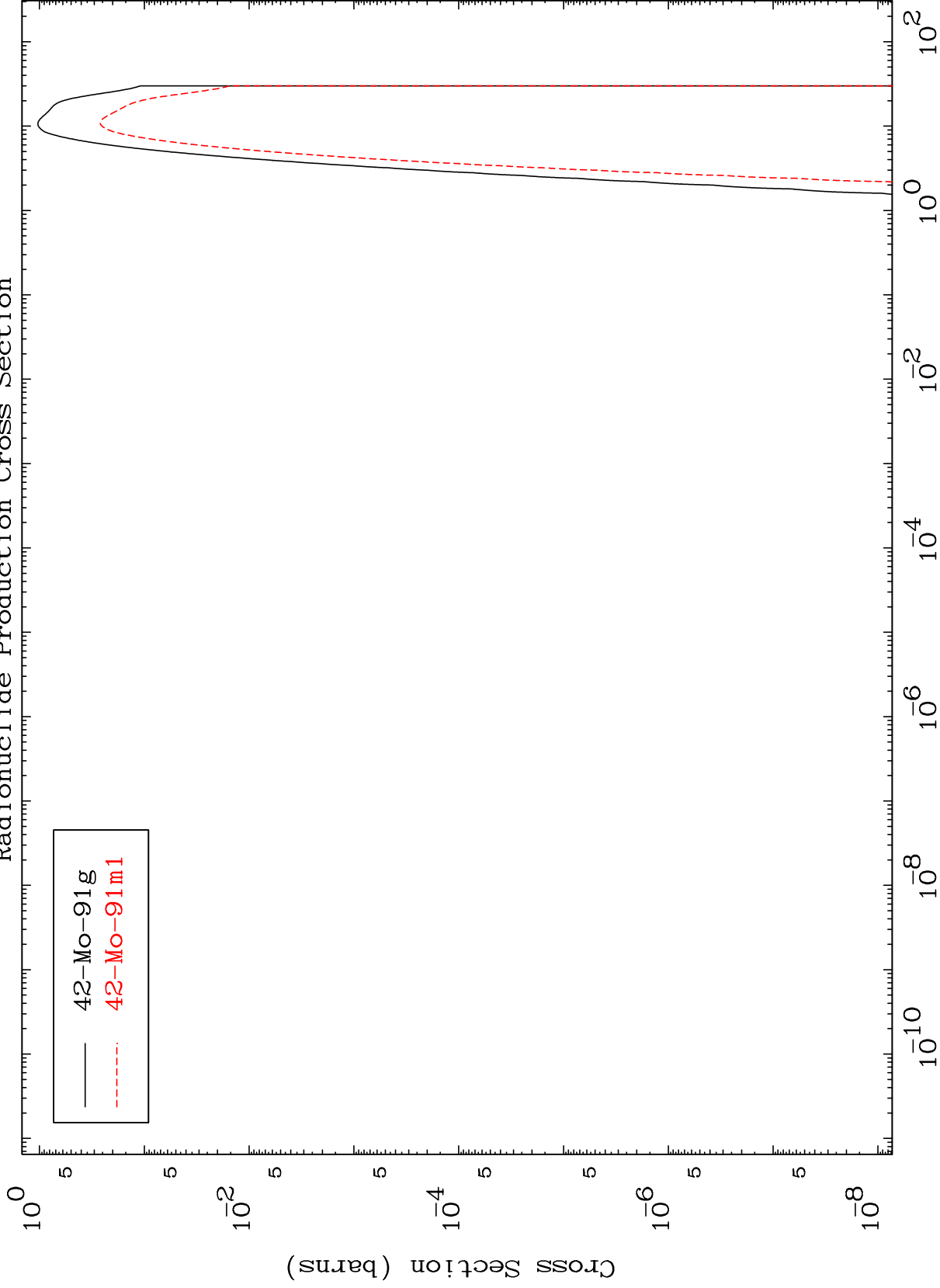
— 40-Zr-85g  
- - - 40-Zr-85m2

MAT 4413

(n,2p)

44-Ru-92

Radionuclide Production Cross Section



— 42-Mo-91g  
- - - 42-Mo-91m1

Incident Energy (MeV)

44-Ru-92

47

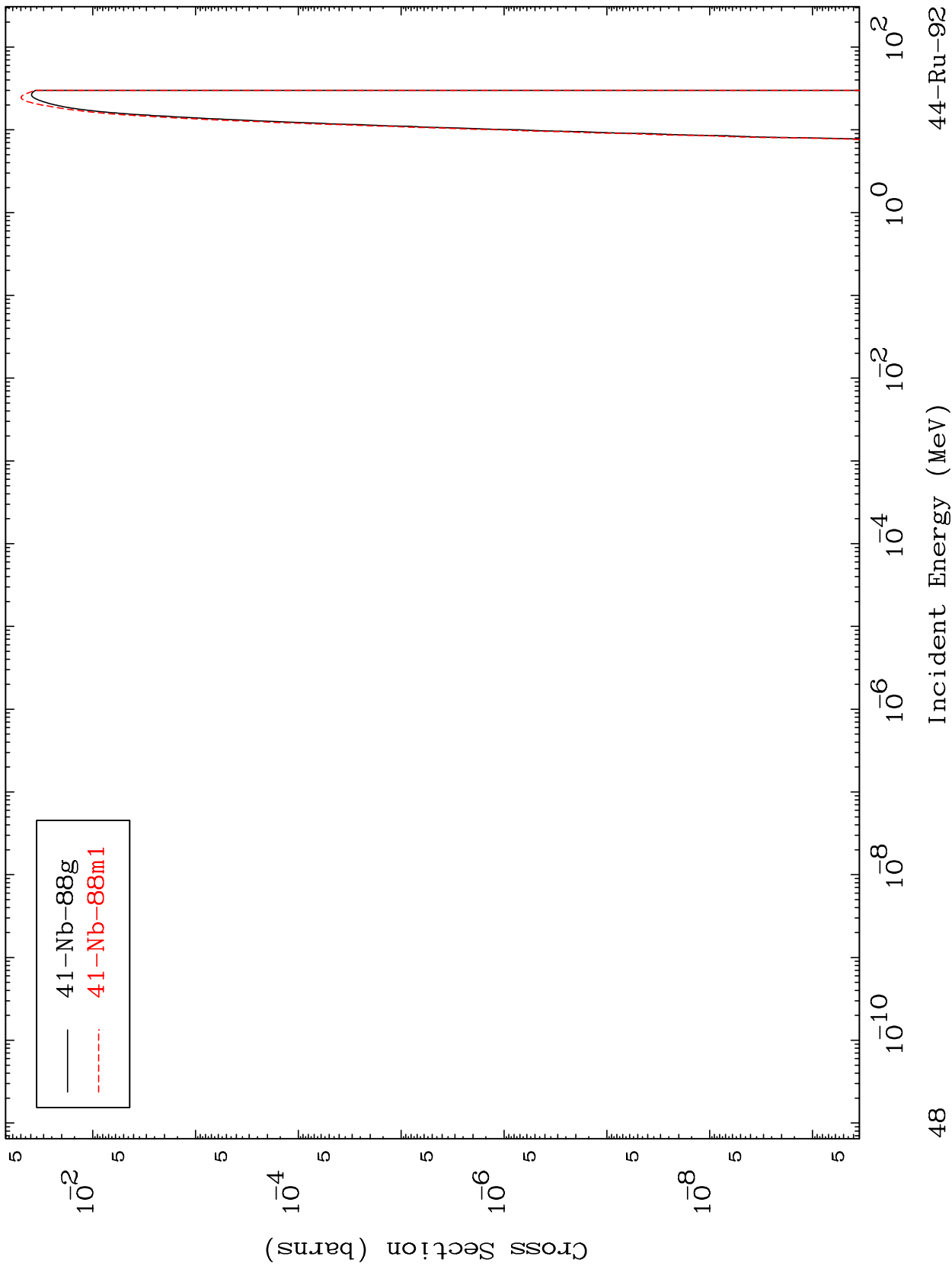


MAT 4413

(n,p)  $\alpha$

44-Ru-92

Radionuclide Production Cross Section

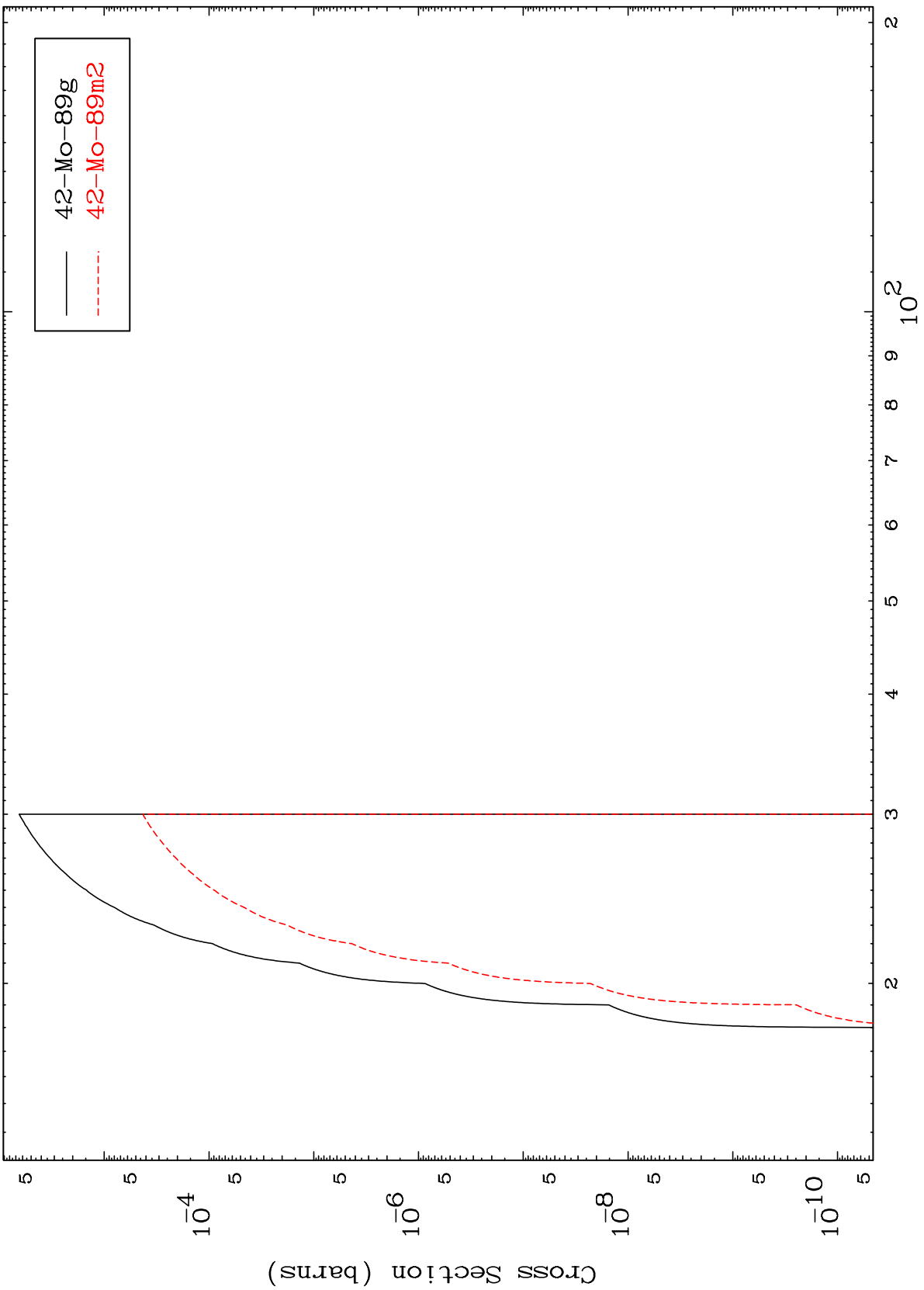


MAT 4413

(n,p) t

44-Ru-92

Radionuclide Production Cross Section



49

Incident Energy (MeV)

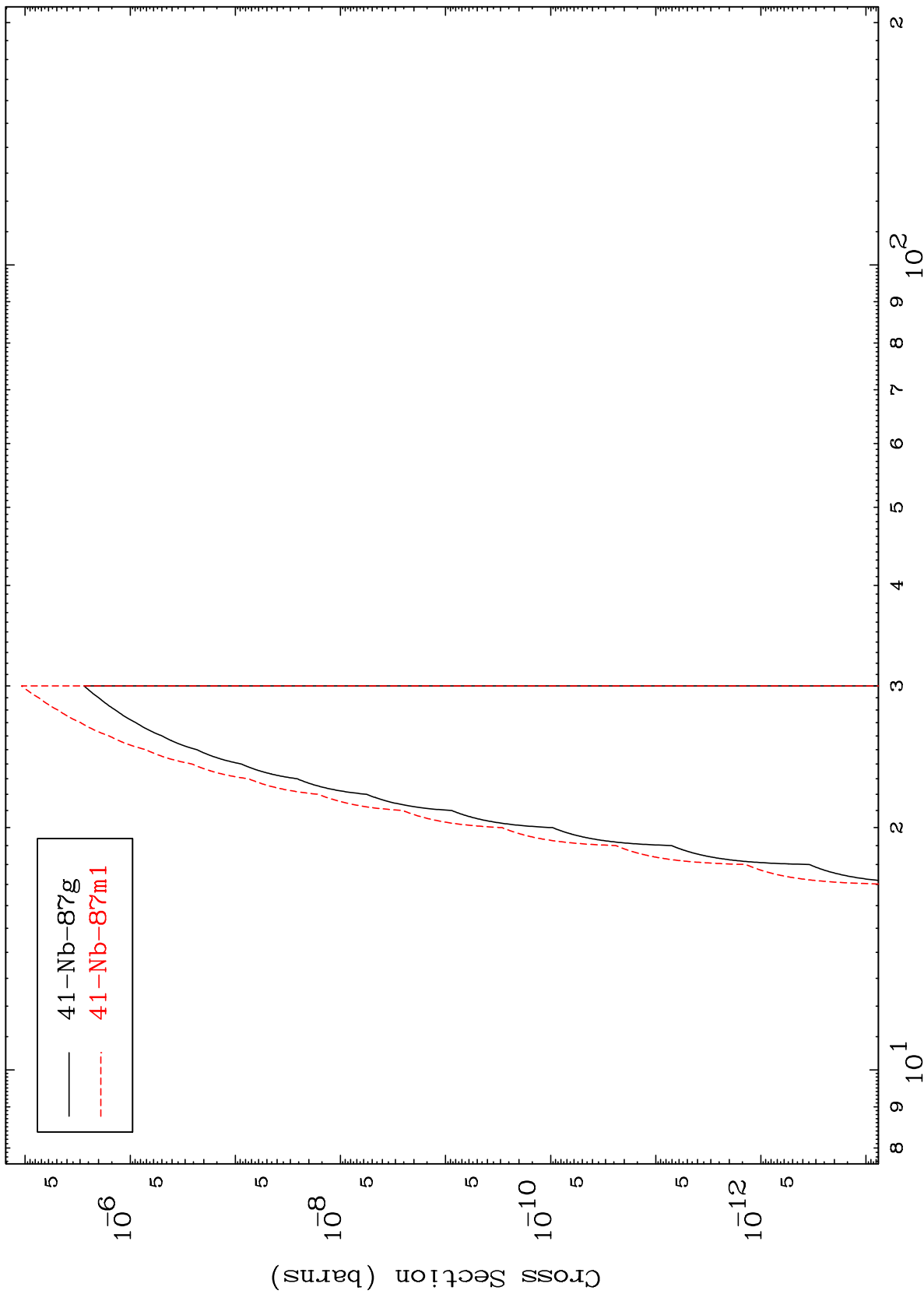
44-Ru-92

MAT 4413

(n,d)  $\alpha$

44-Ru-92

Radionuclide Production Cross Section



50

Incident Energy (MeV)

44-Ru-92