

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

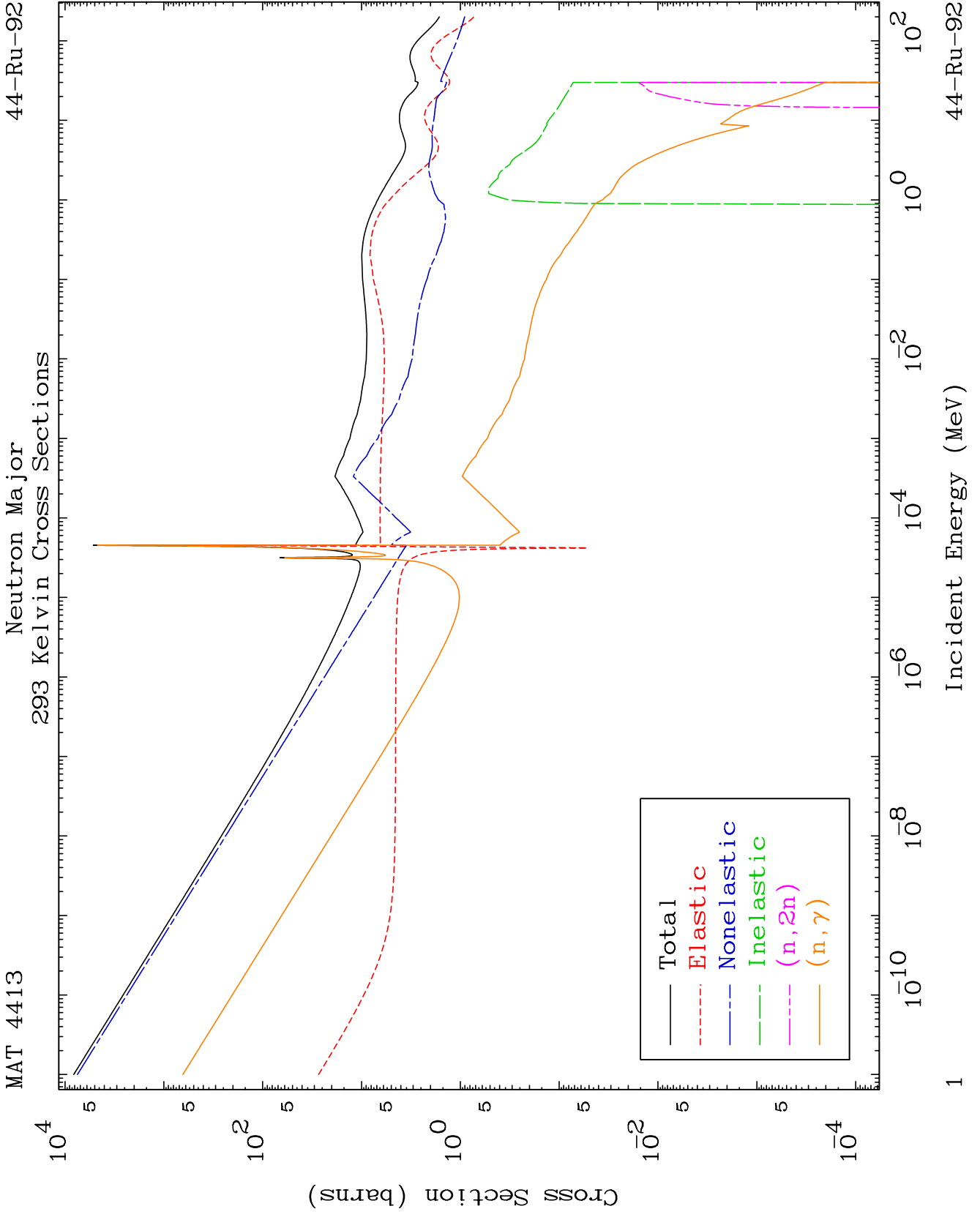
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

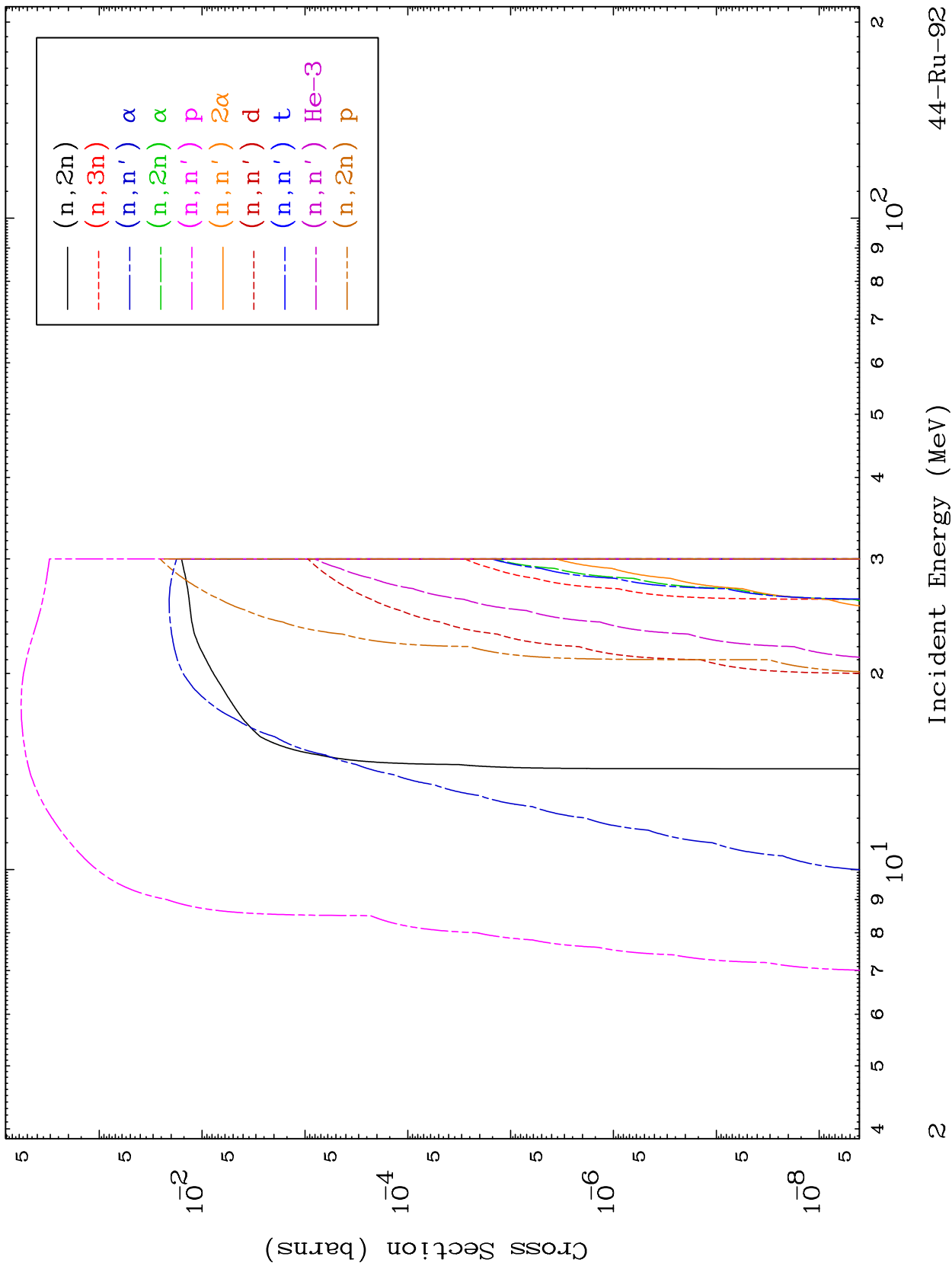
Tele: 925-443-1911

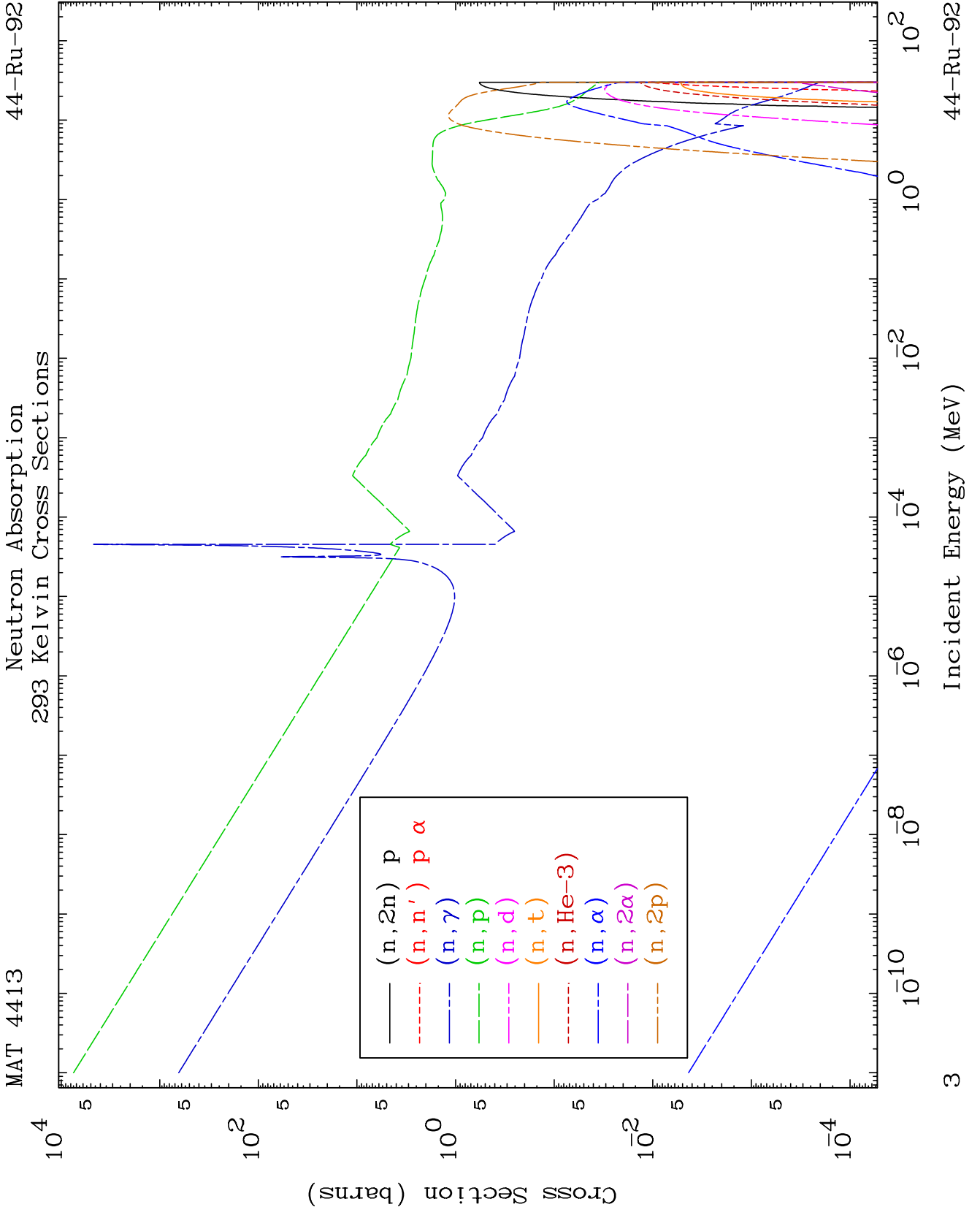
E.Mail:redcullen1@comcast.net

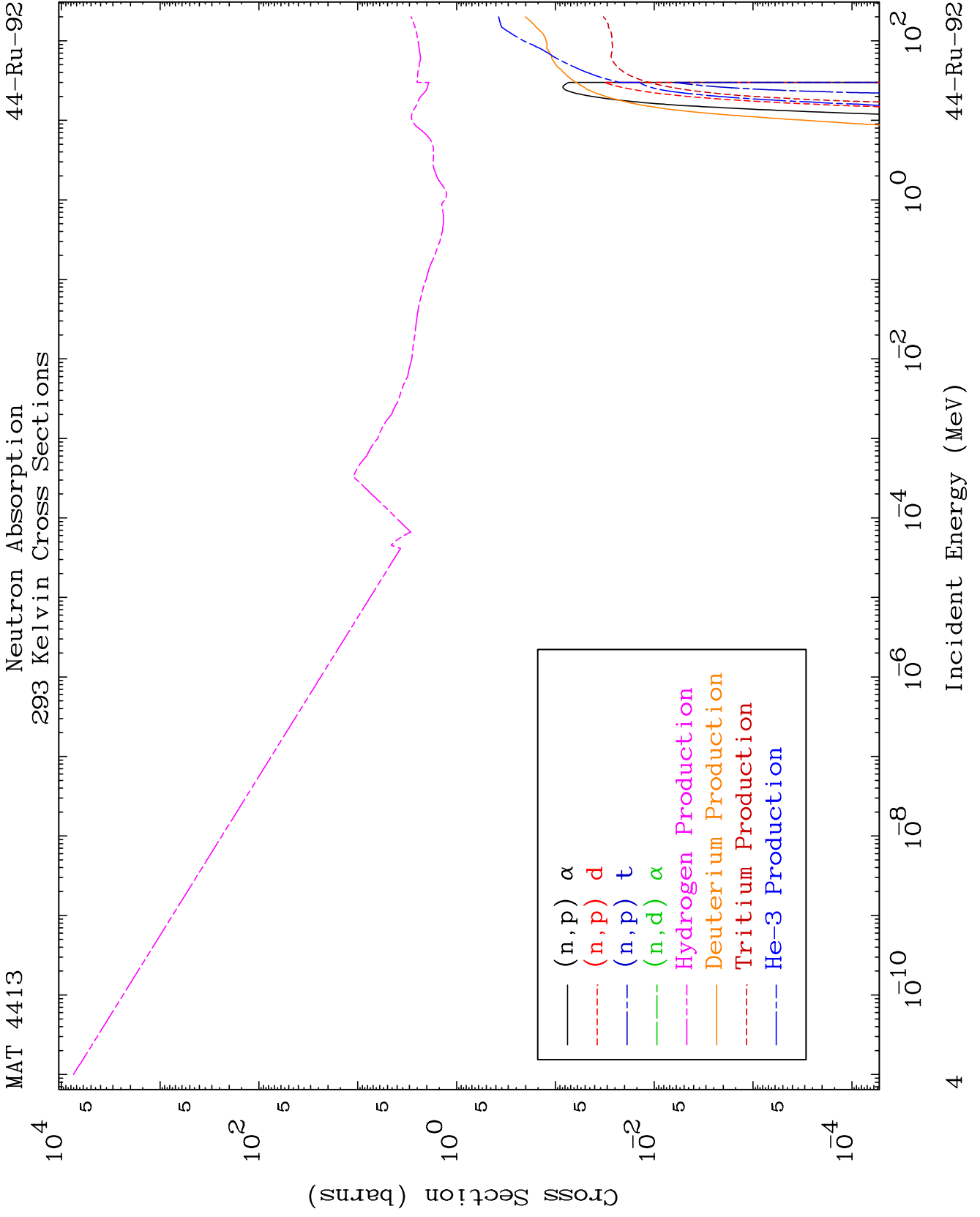
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Press Mouse Button to Start





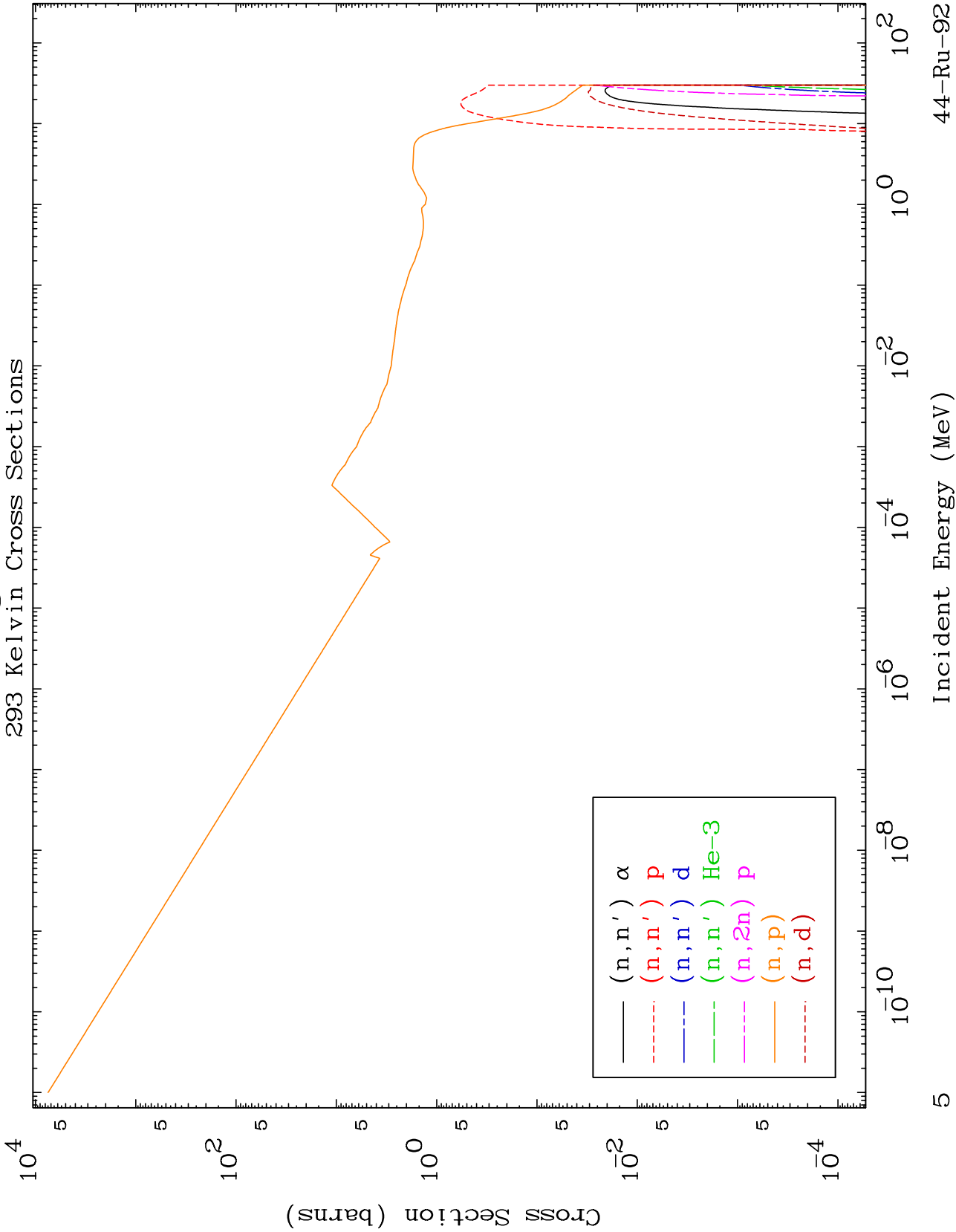




MAT 4413

Charged Particle  
293 Kelvin Cross Sections

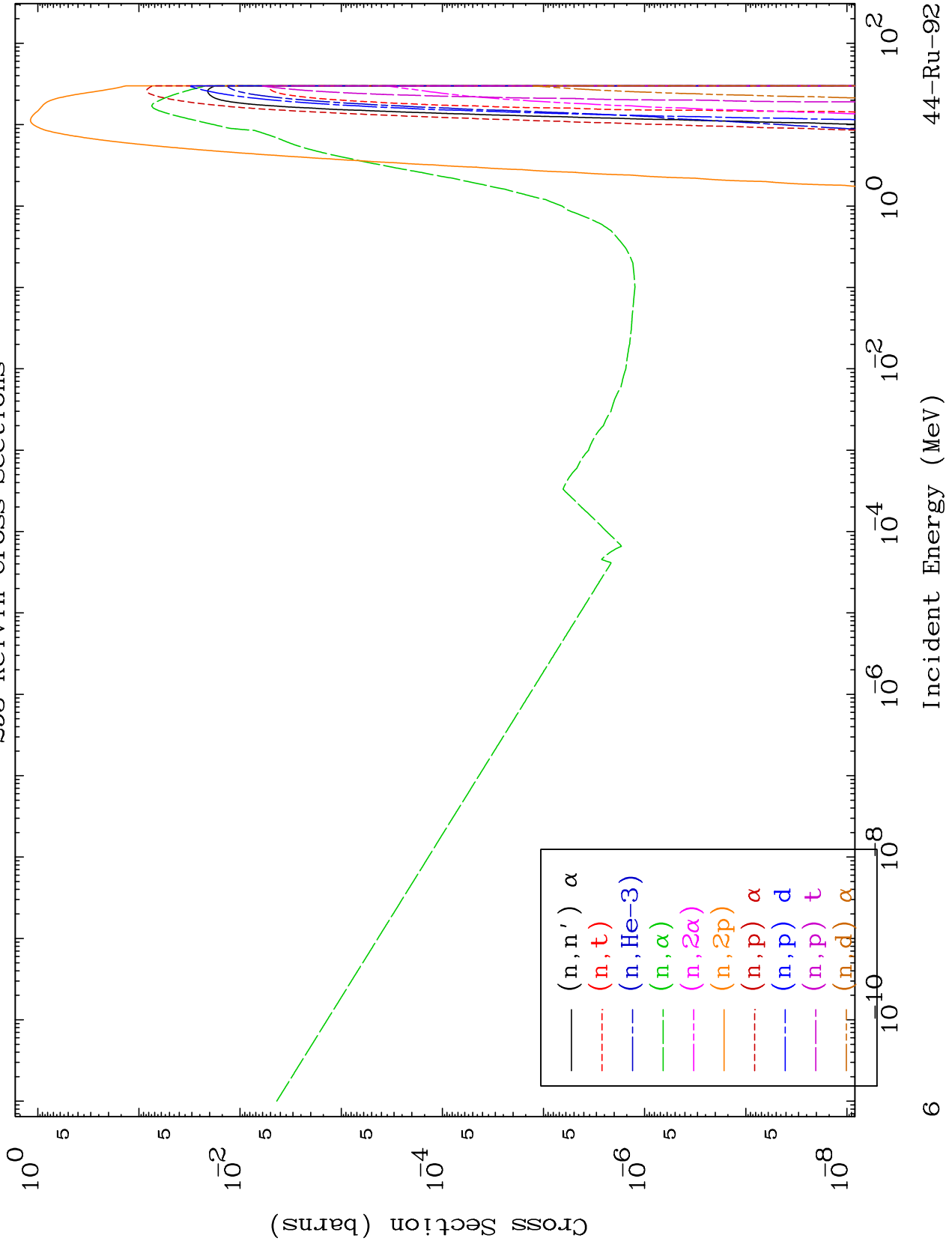
44-Ru-92

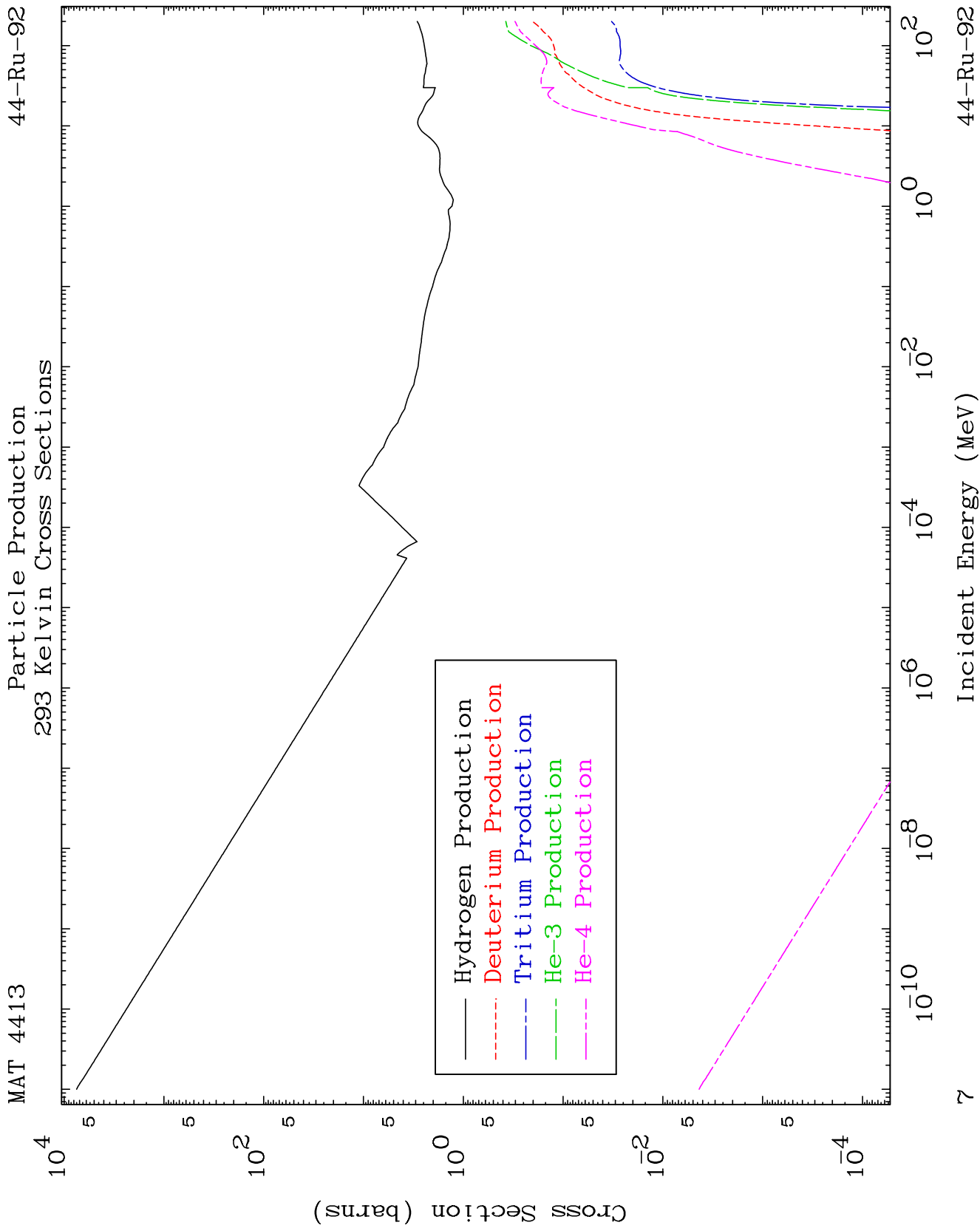


MAT 4413

Charged Particle  
293 Kelvin Cross Sections

44-Ru-92



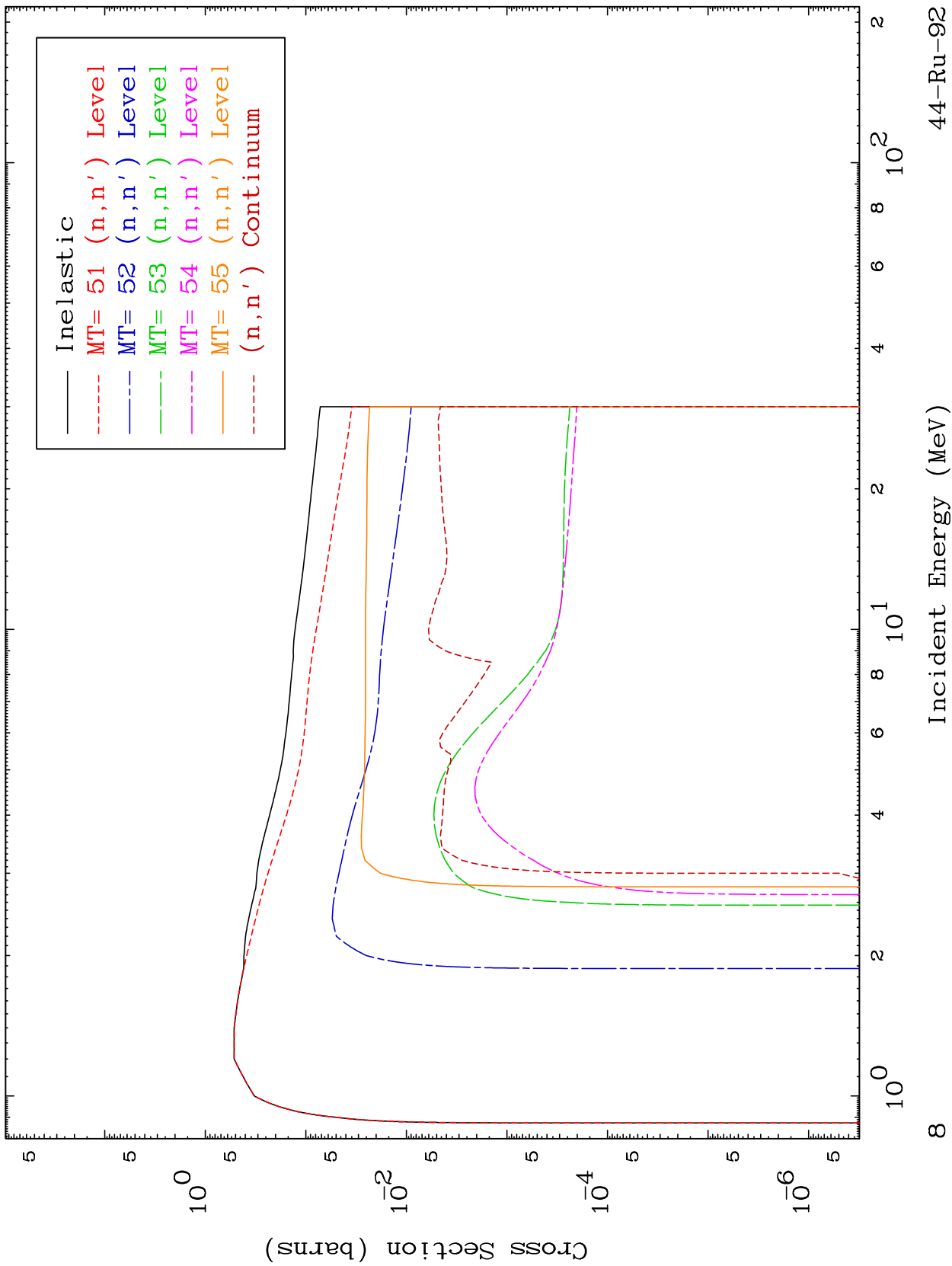




MAT 4413

(n,n') Levels  
293 Kelvin Cross Sections

44-Ru-92



44-Ru-92

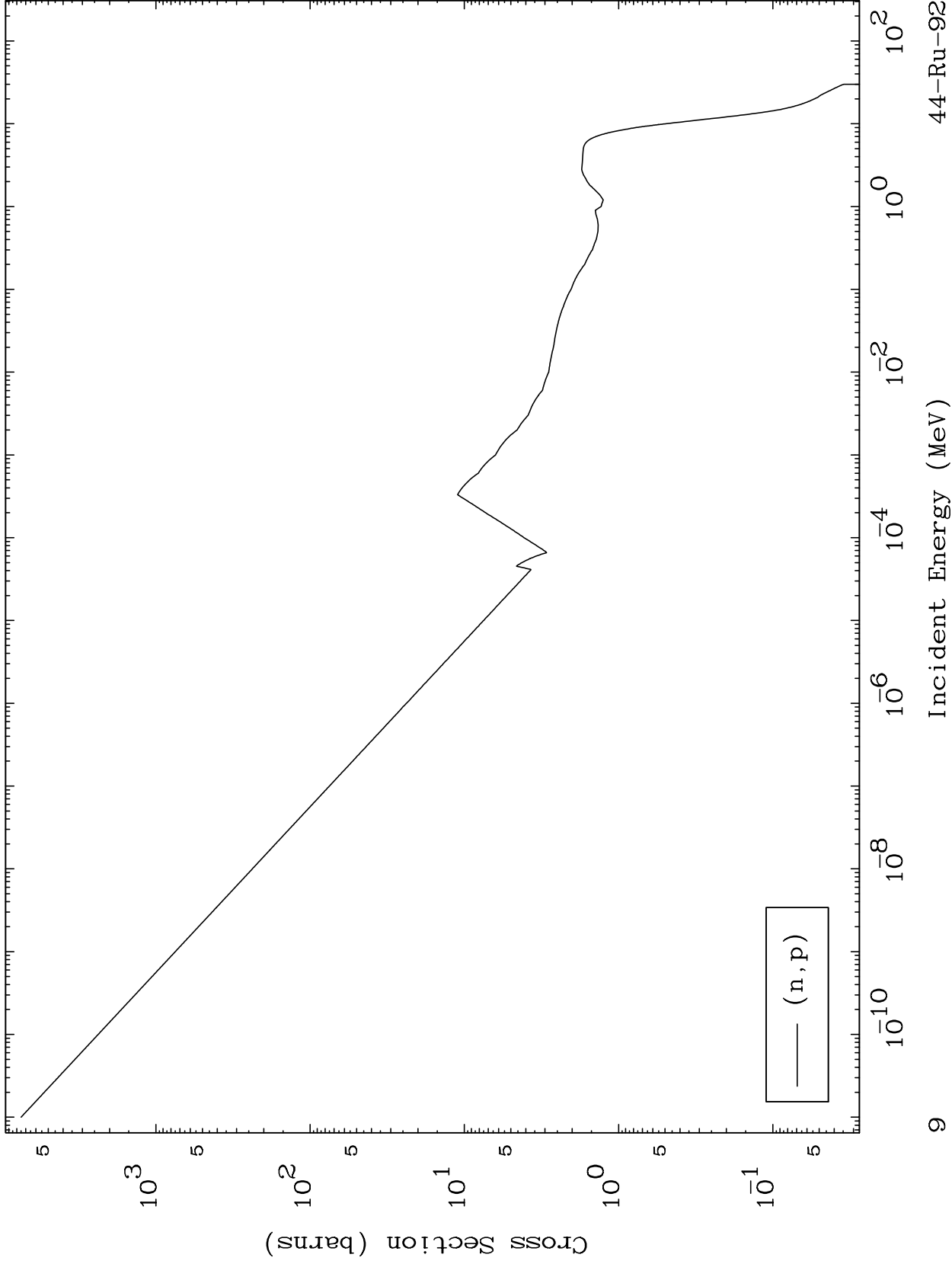
Incident Energy (MeV)

8

MAT 4413

(n,p) Levels  
293 Kelvin Cross Sections

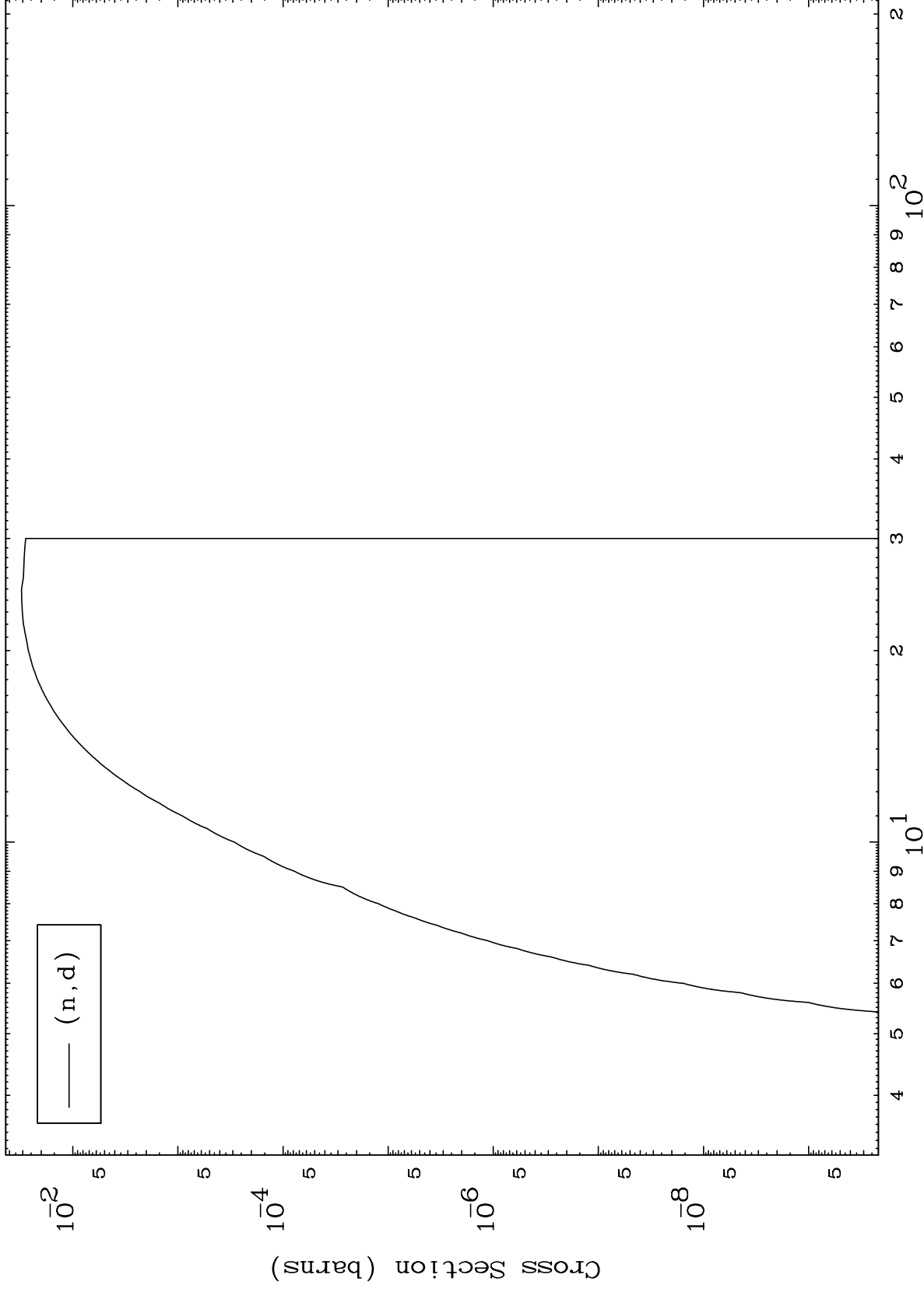
44-Ru-92



MAT 4413

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-92



10

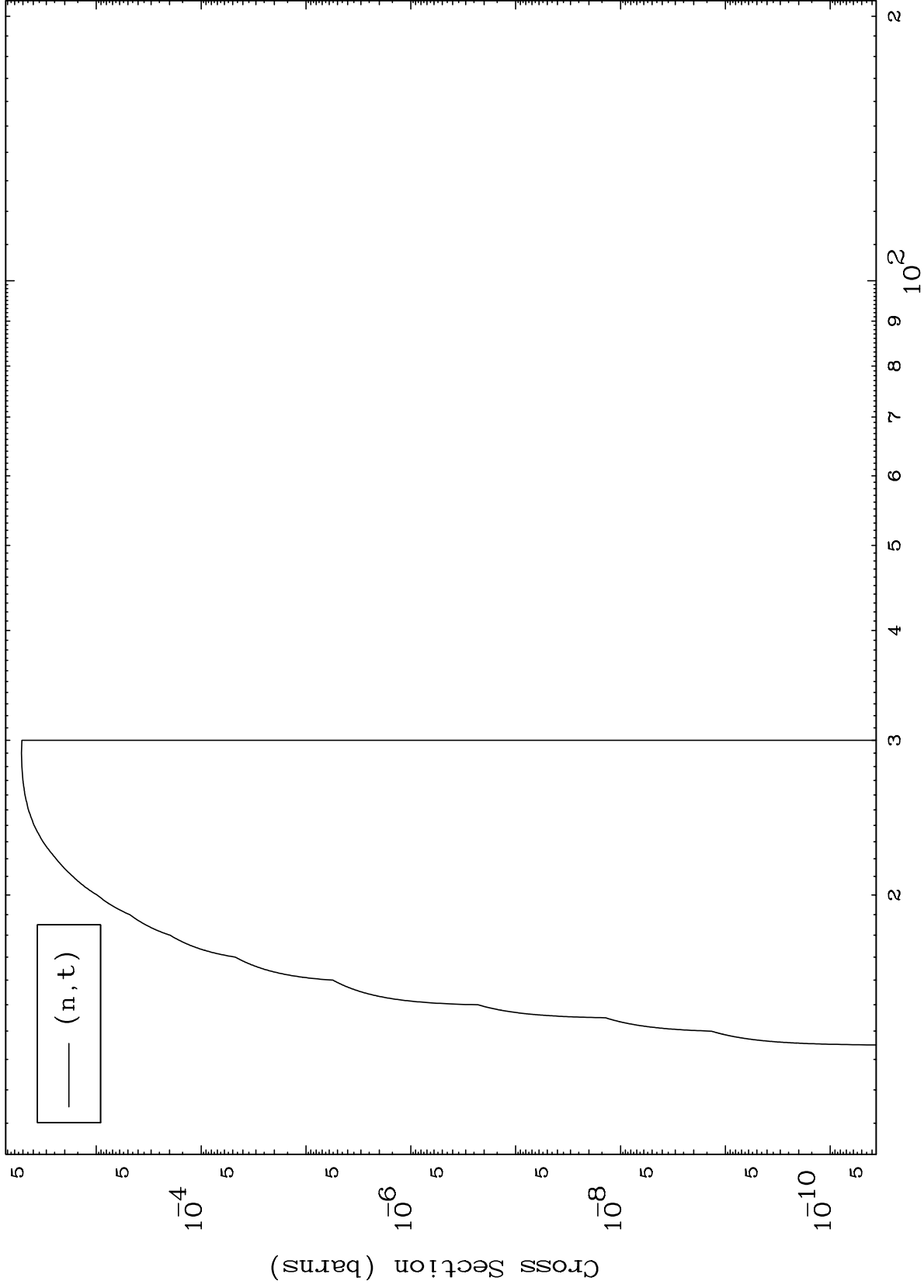
Incident Energy (MeV)

44-Ru-92

MAT 4413

(n,t) Levels  
293 Kelvin Cross Sections

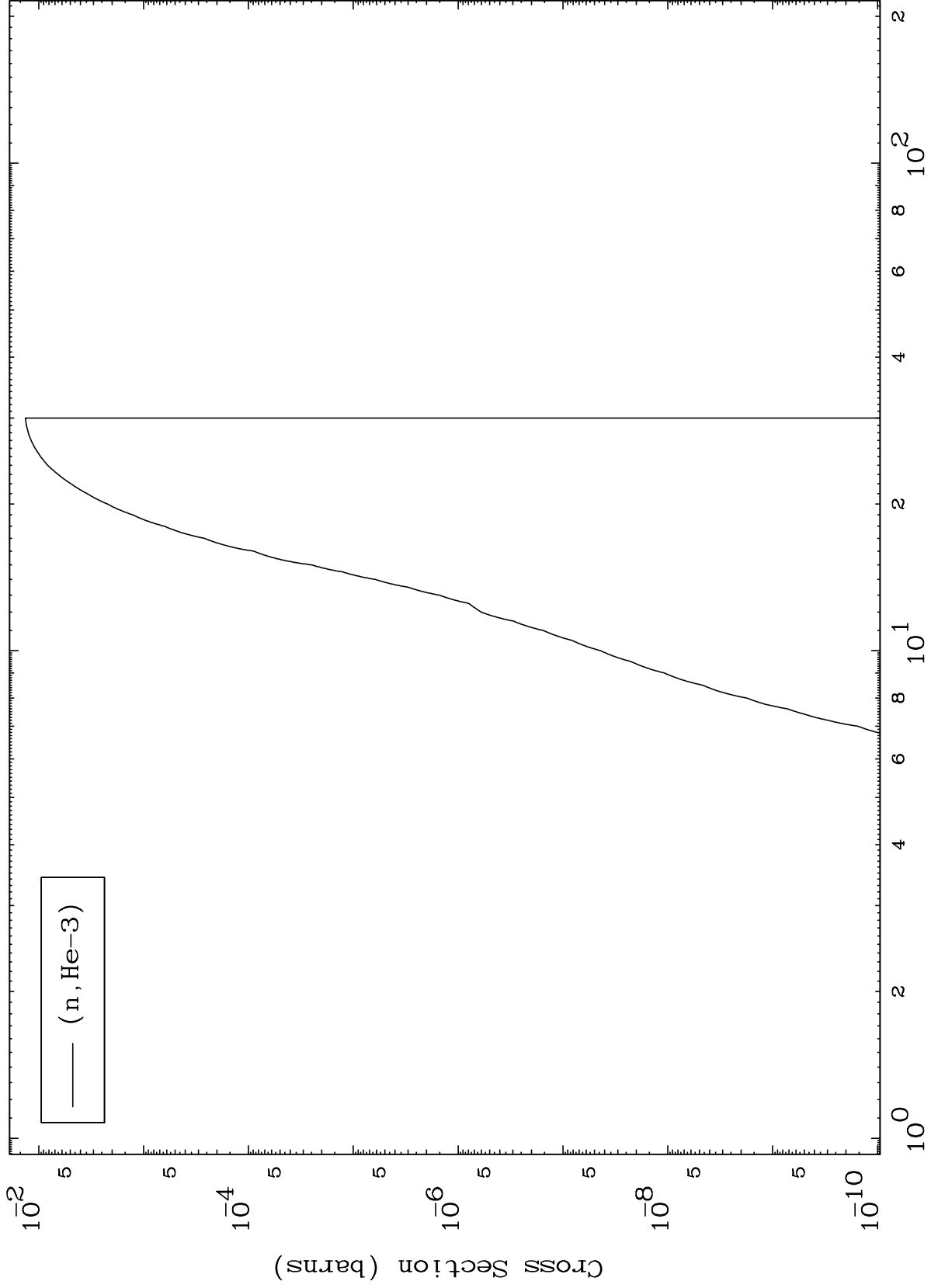
44-Ru-92



MAT 4413

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-92



12

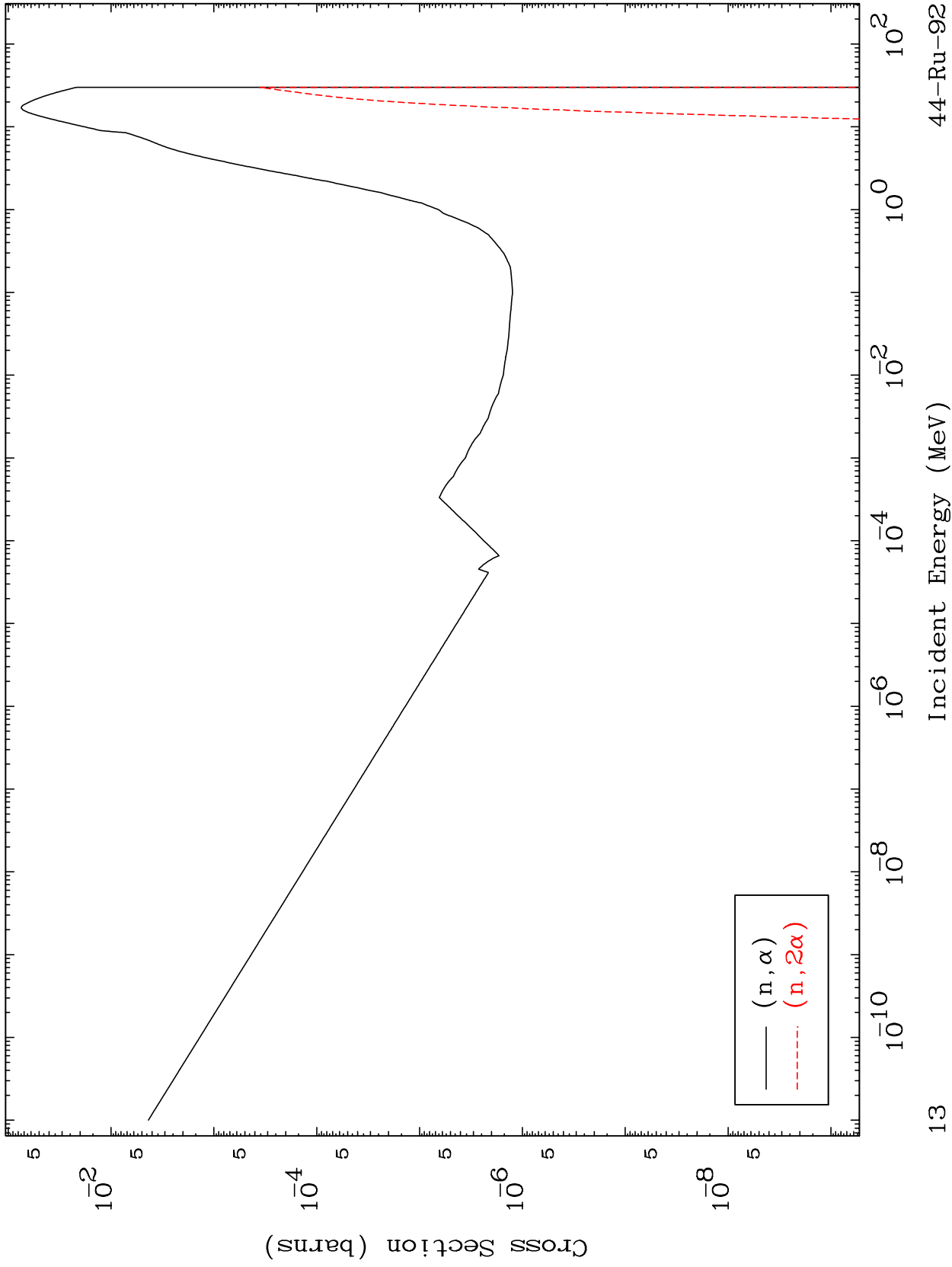
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92

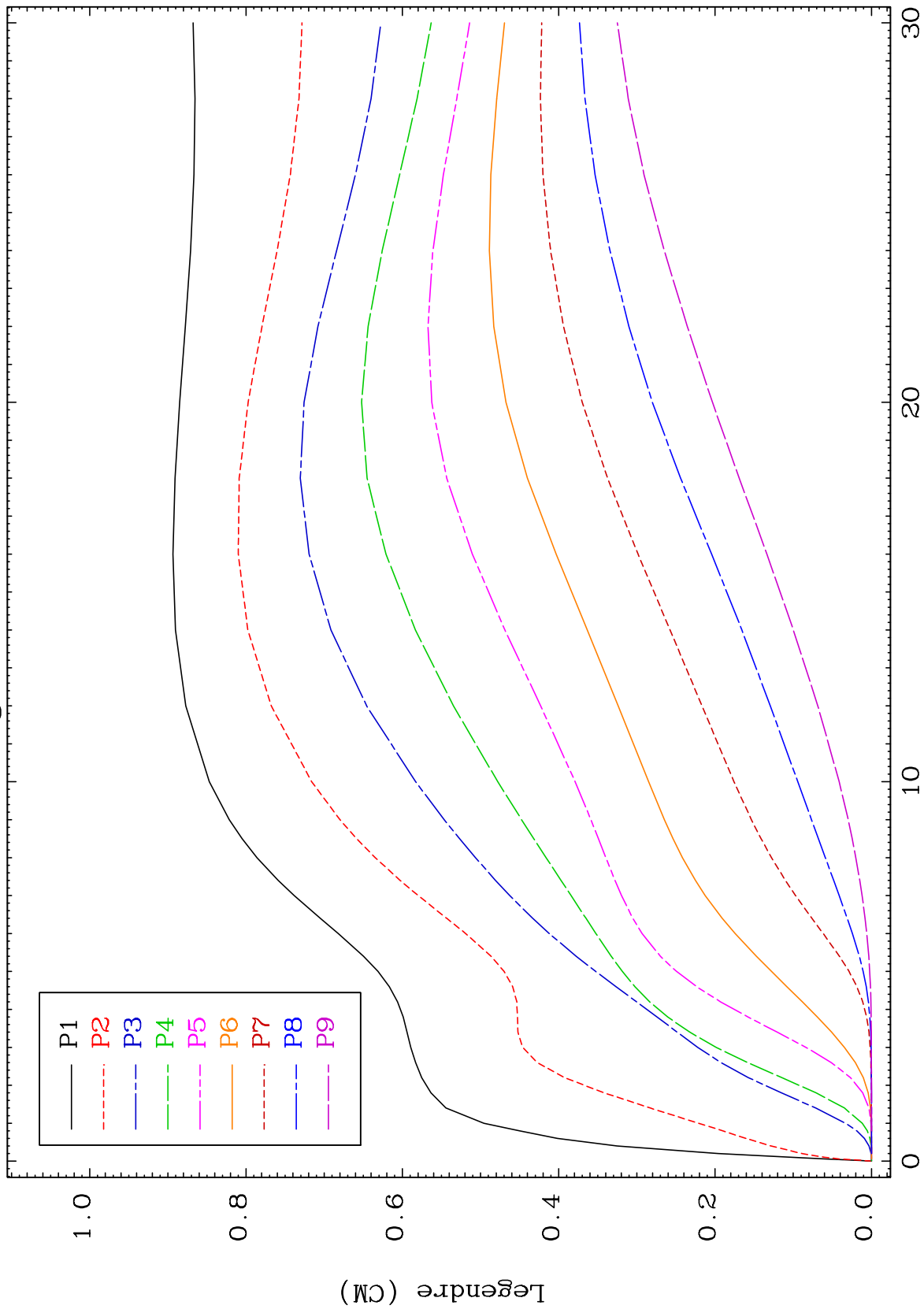


13

MAT 4413

Elastic Legendre Coefficients

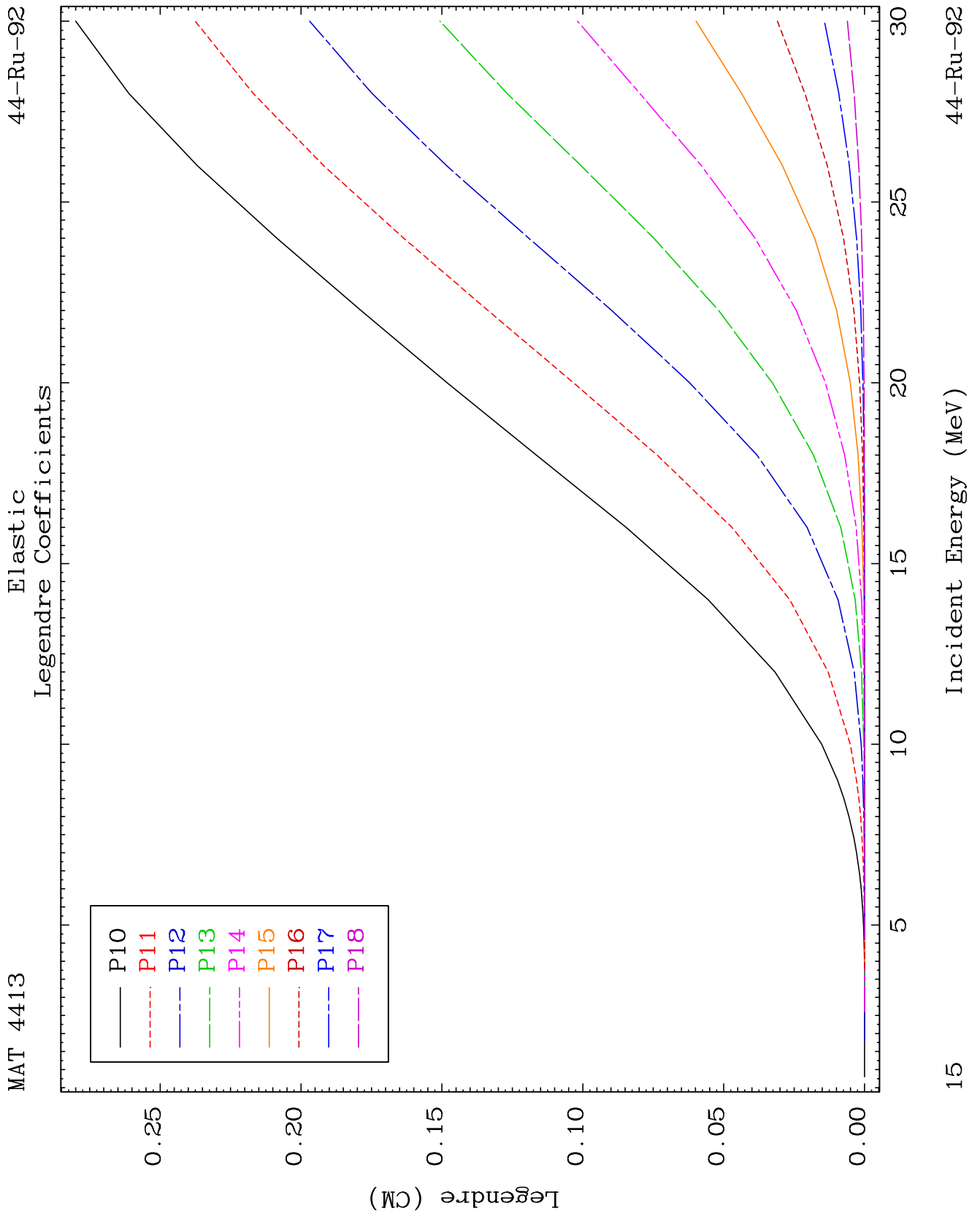
44-Ru-92



14

Incident Energy (MeV)

44-Ru-92



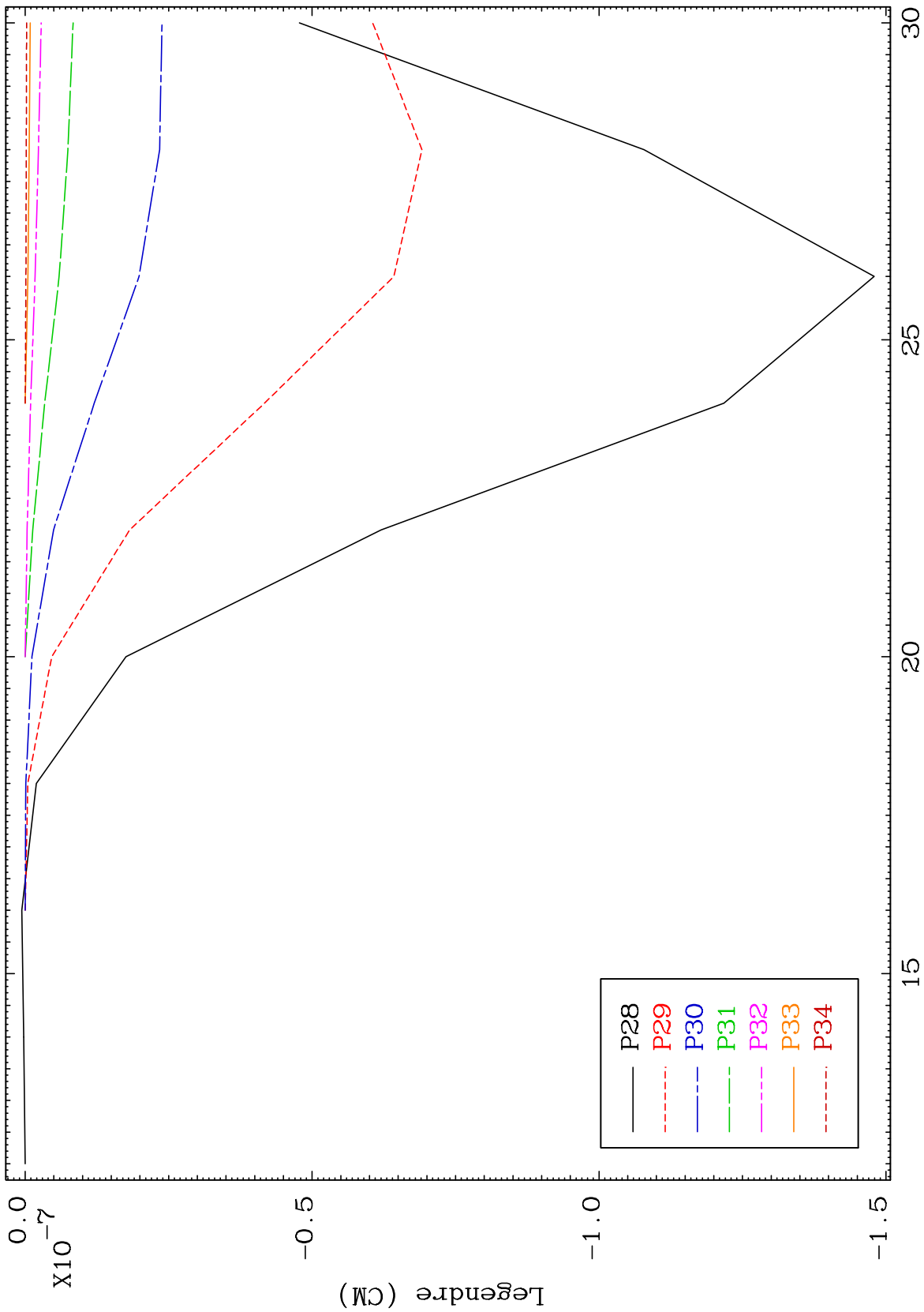




MAT 4413

44-Ru-92

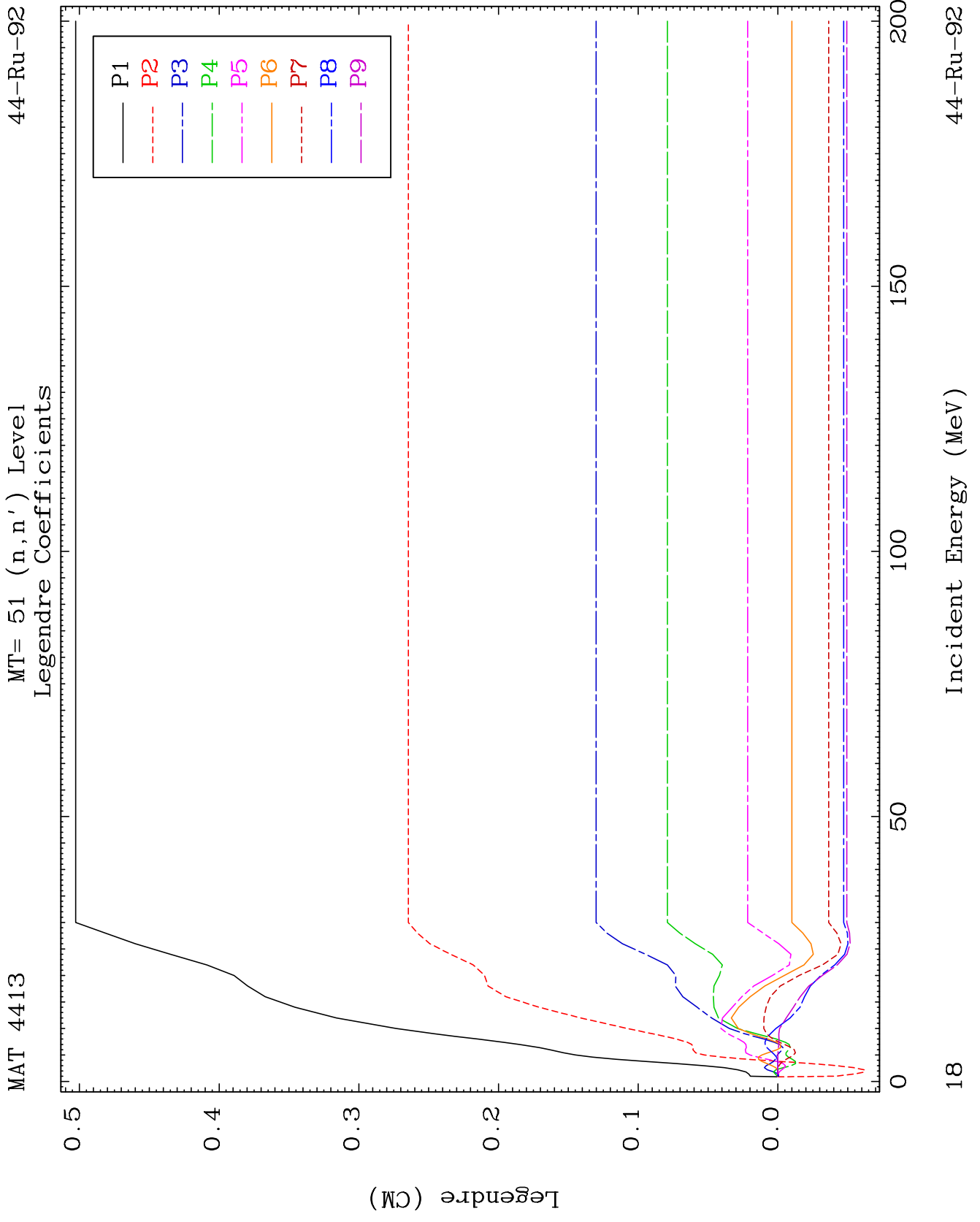
Elastic Legendre Coefficients



17

Incident Energy (MeV)

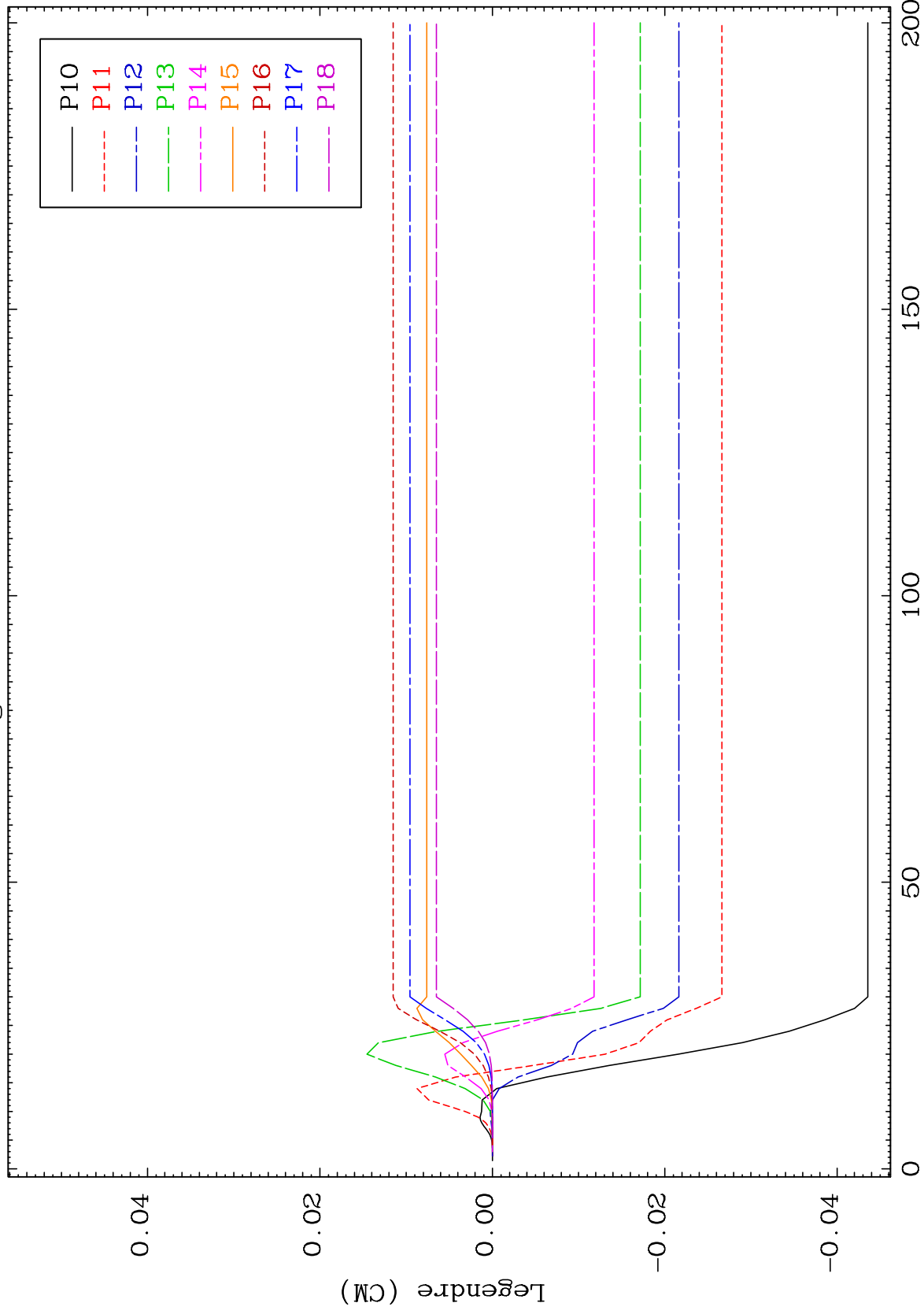
44-Ru-92



MAT 4413

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

44-Ru-92



19

Incident Energy (MeV)

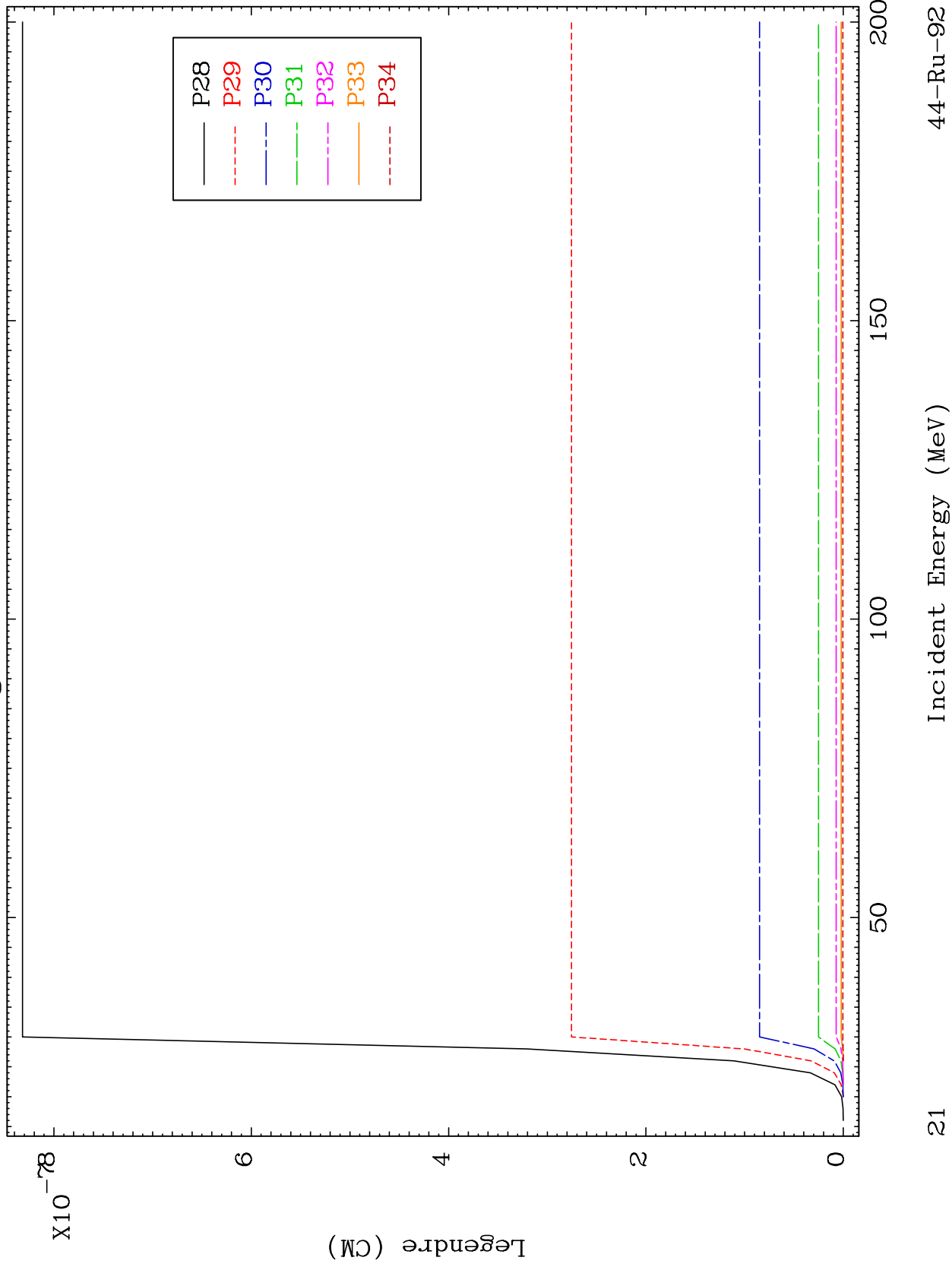
44-Ru-92



MAT 4413

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

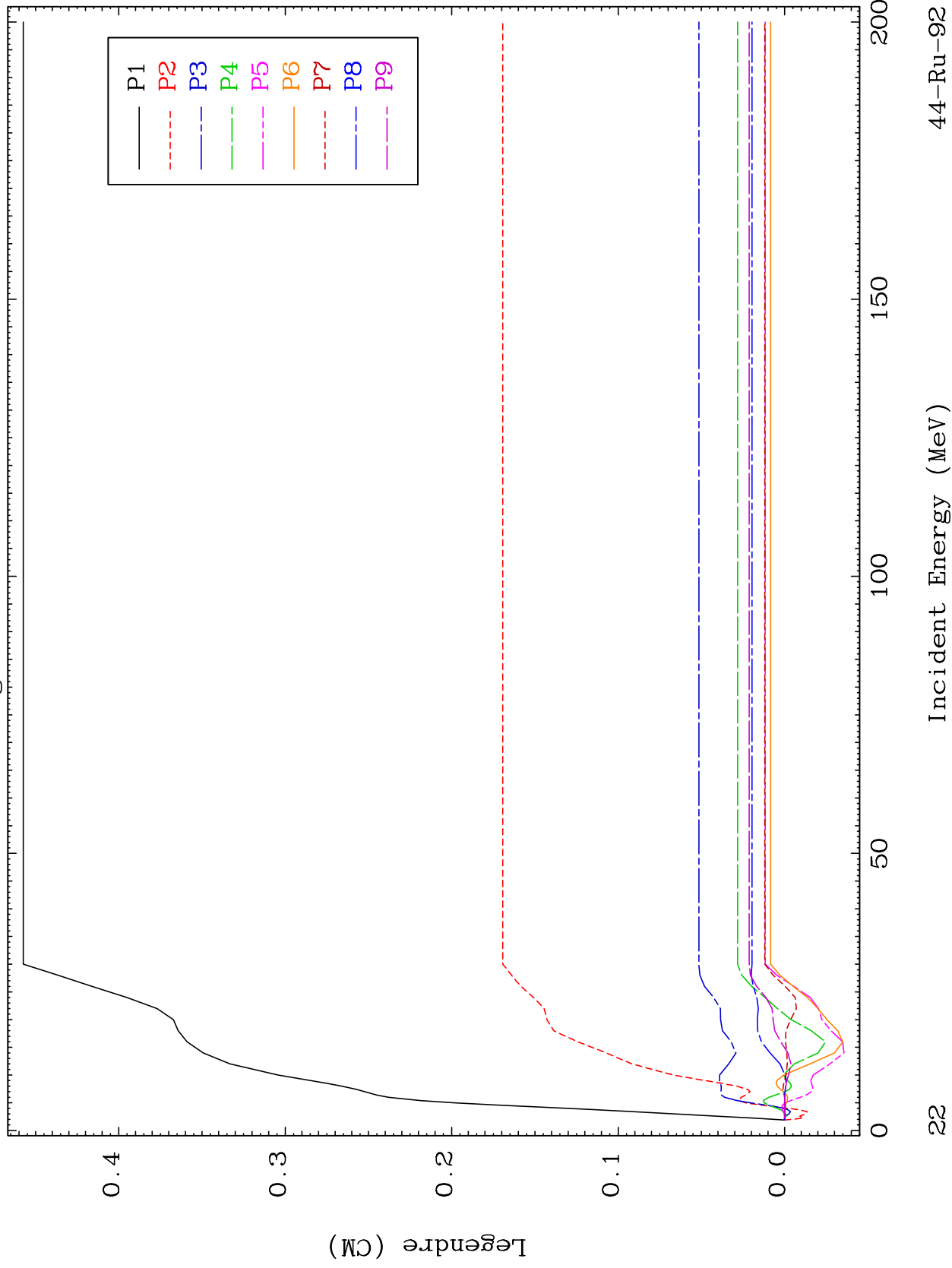
44-Ru-92



MAT 4413

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

44-Ru-92



44-Ru-92

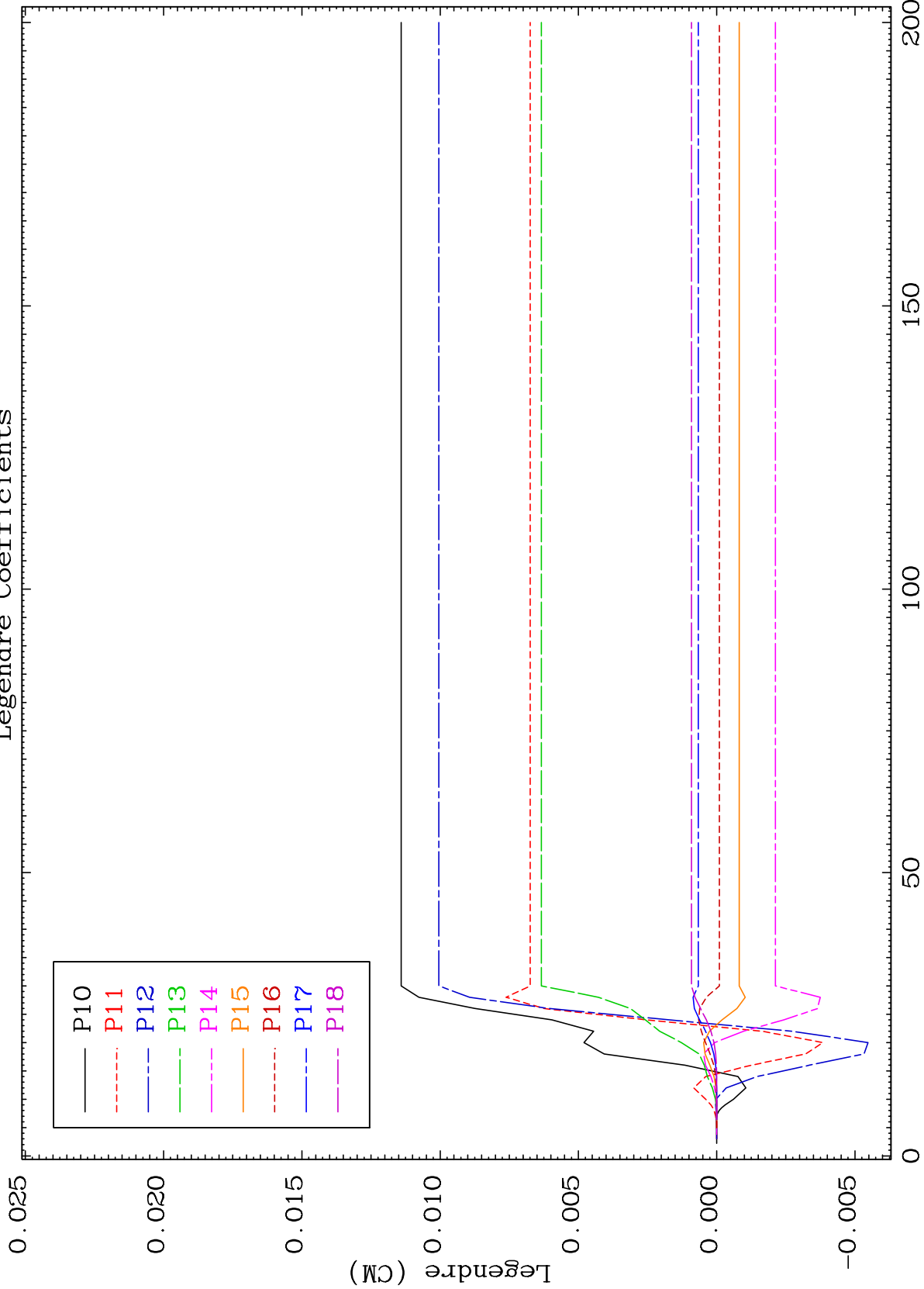
Incident Energy (MeV)

22

MAT 4413

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

44-Ru-92



23

Incident Energy (MeV)

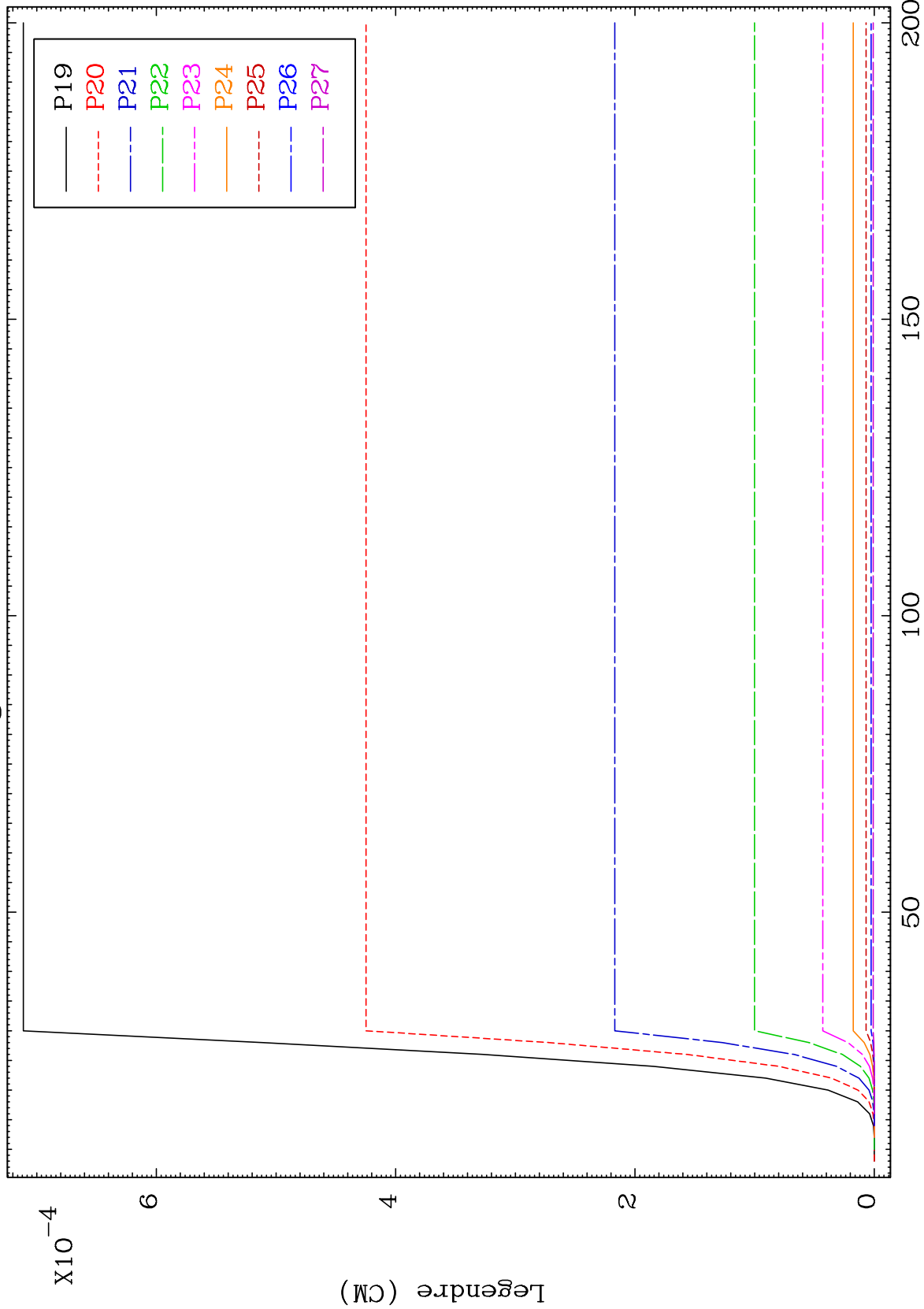
44-Ru-92



MAT 4413

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

44-Ru-92



24

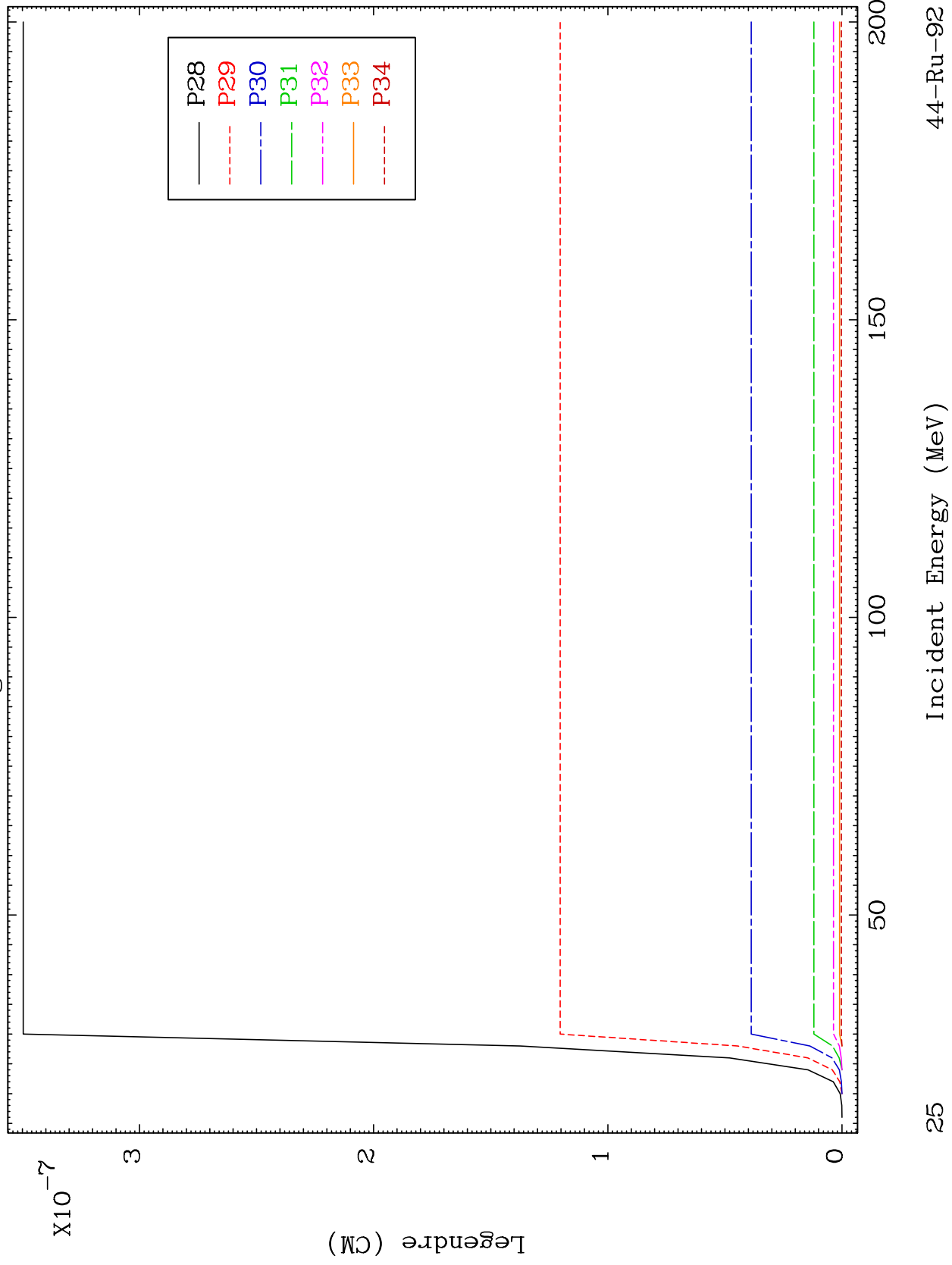
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



44-Ru-92

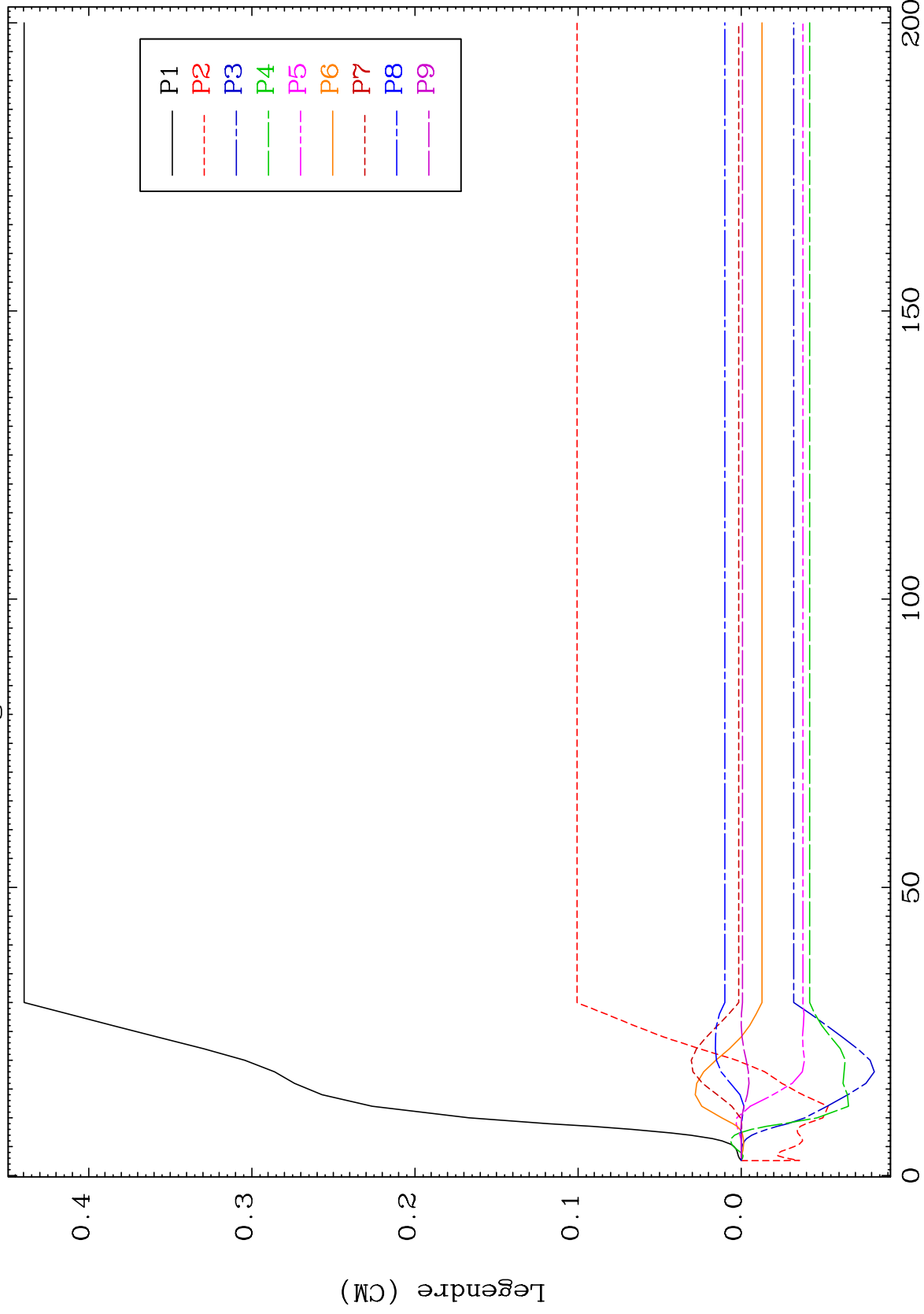
Incident Energy (MeV)

25

MAT 4413

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

44-Ru-92



26

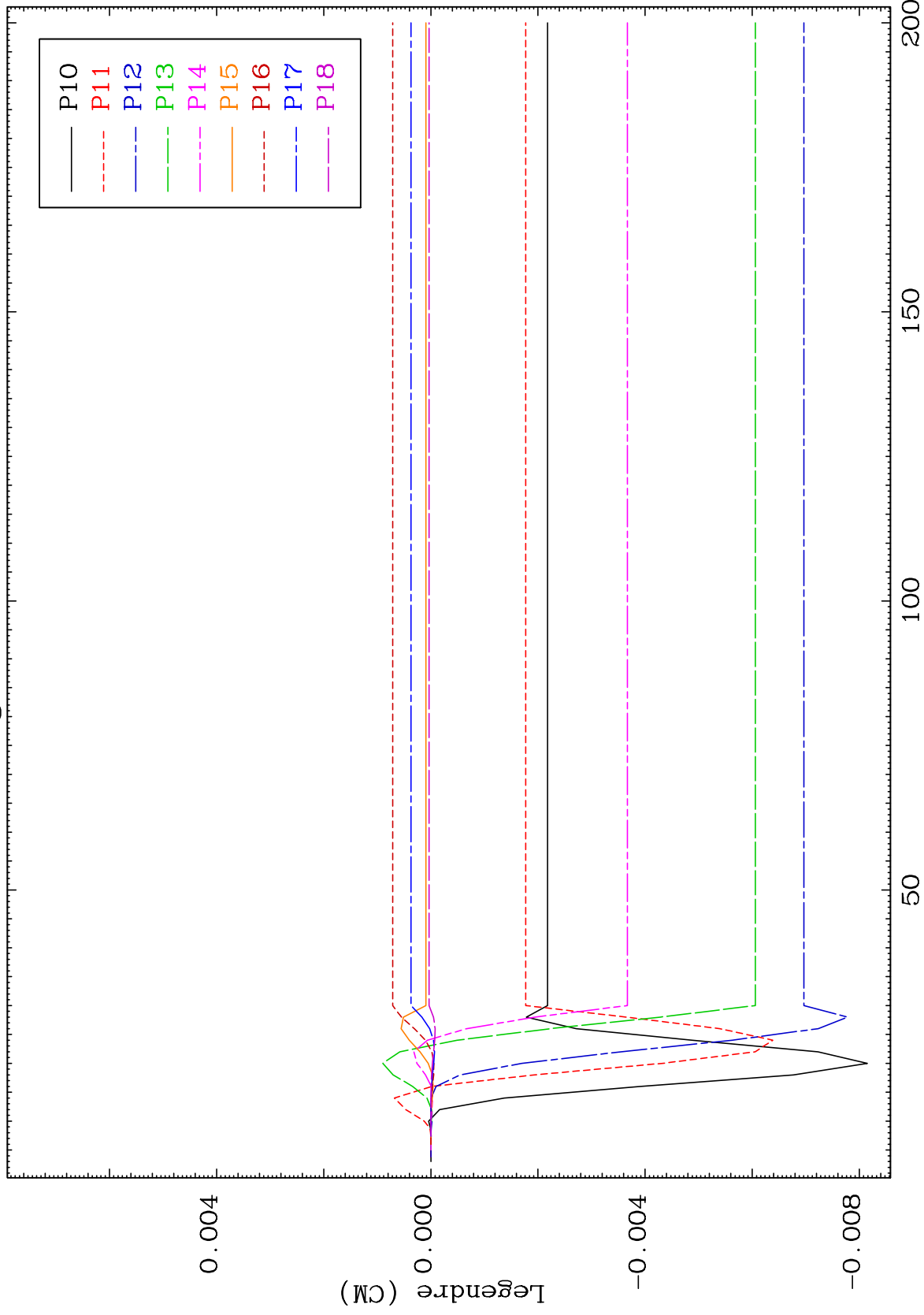
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



27

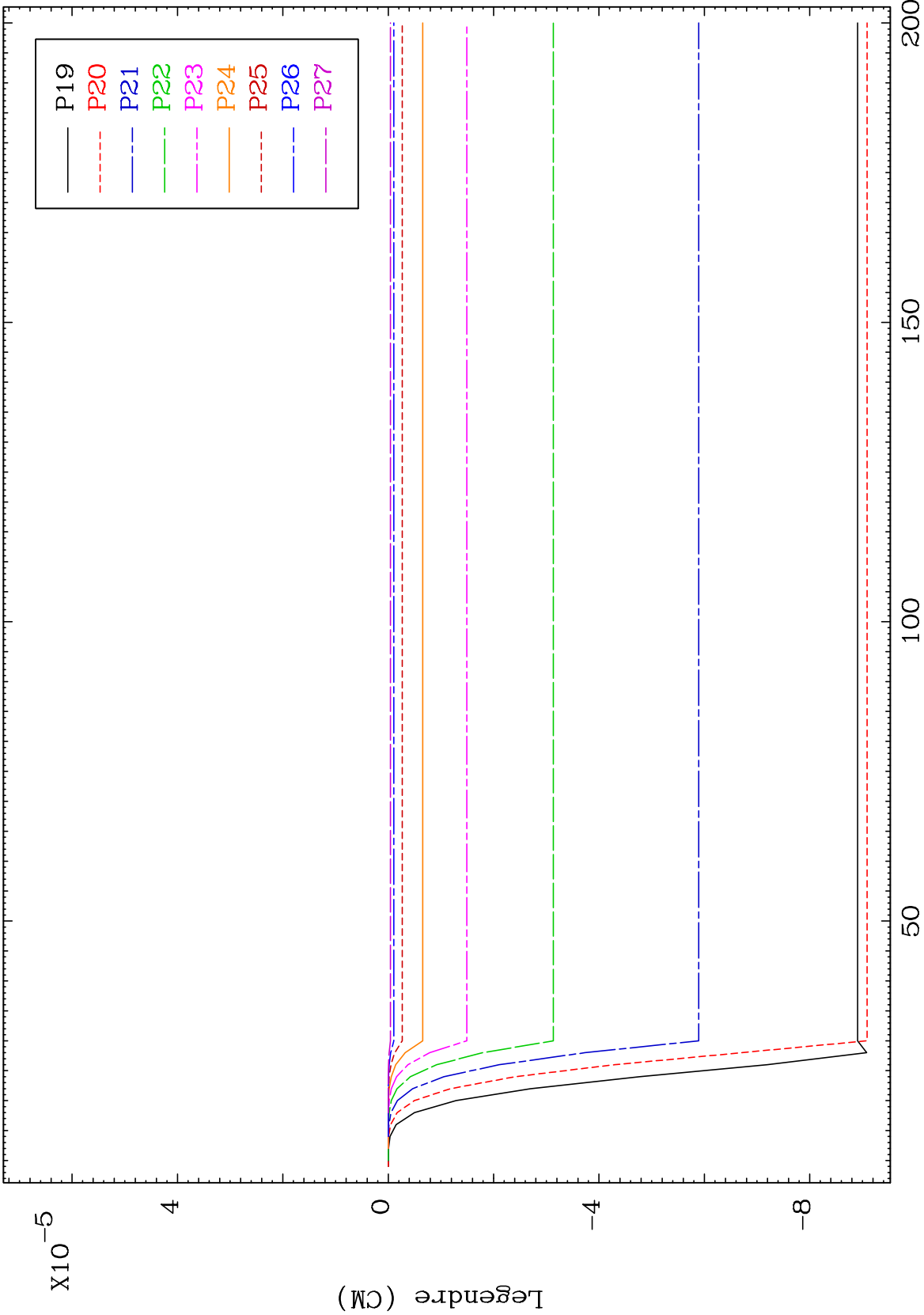
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92



28

Incident Energy (MeV)

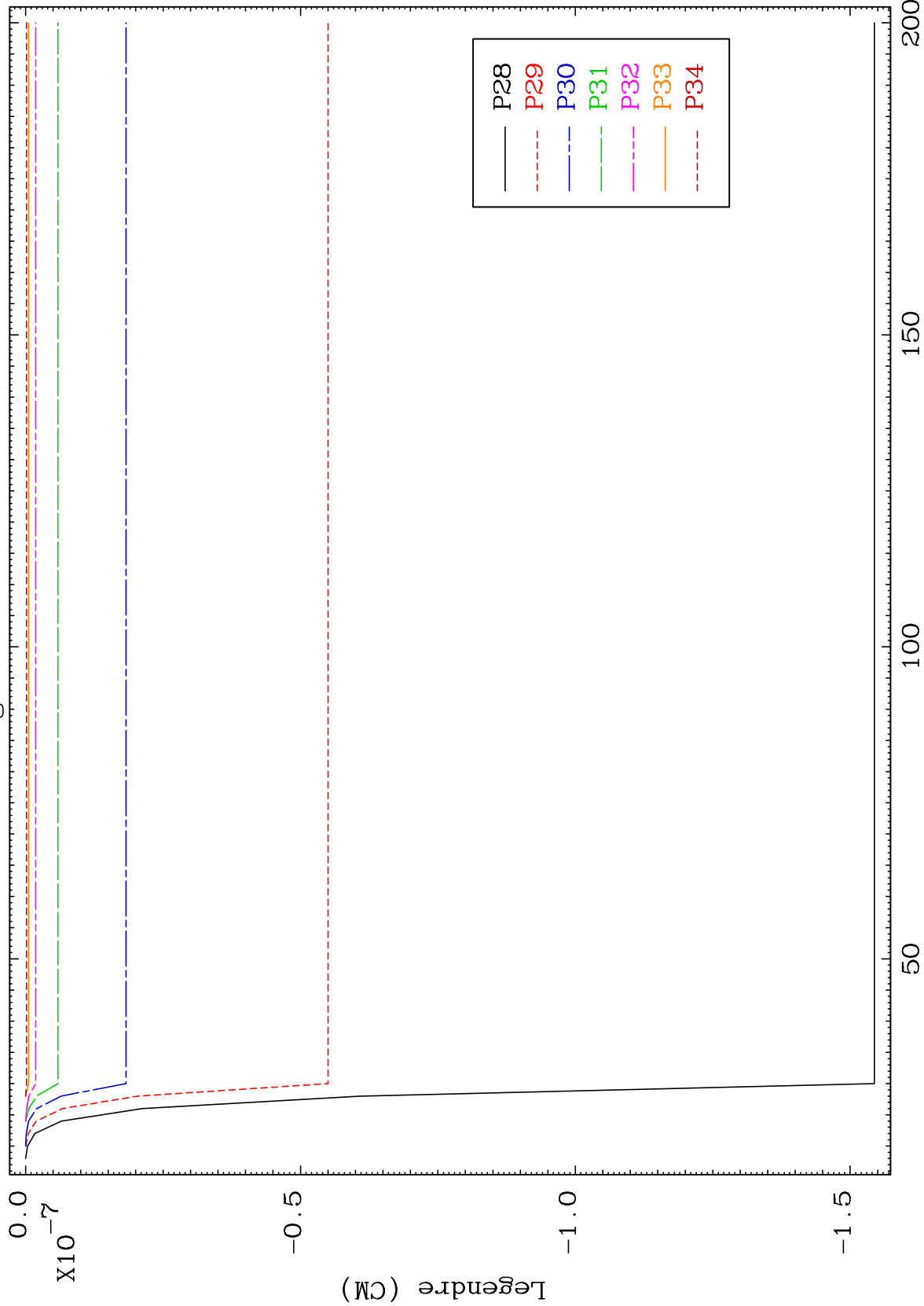
44-Ru-92

MAT 4413

MT= 53 (n,n') Level

44-Ru-92

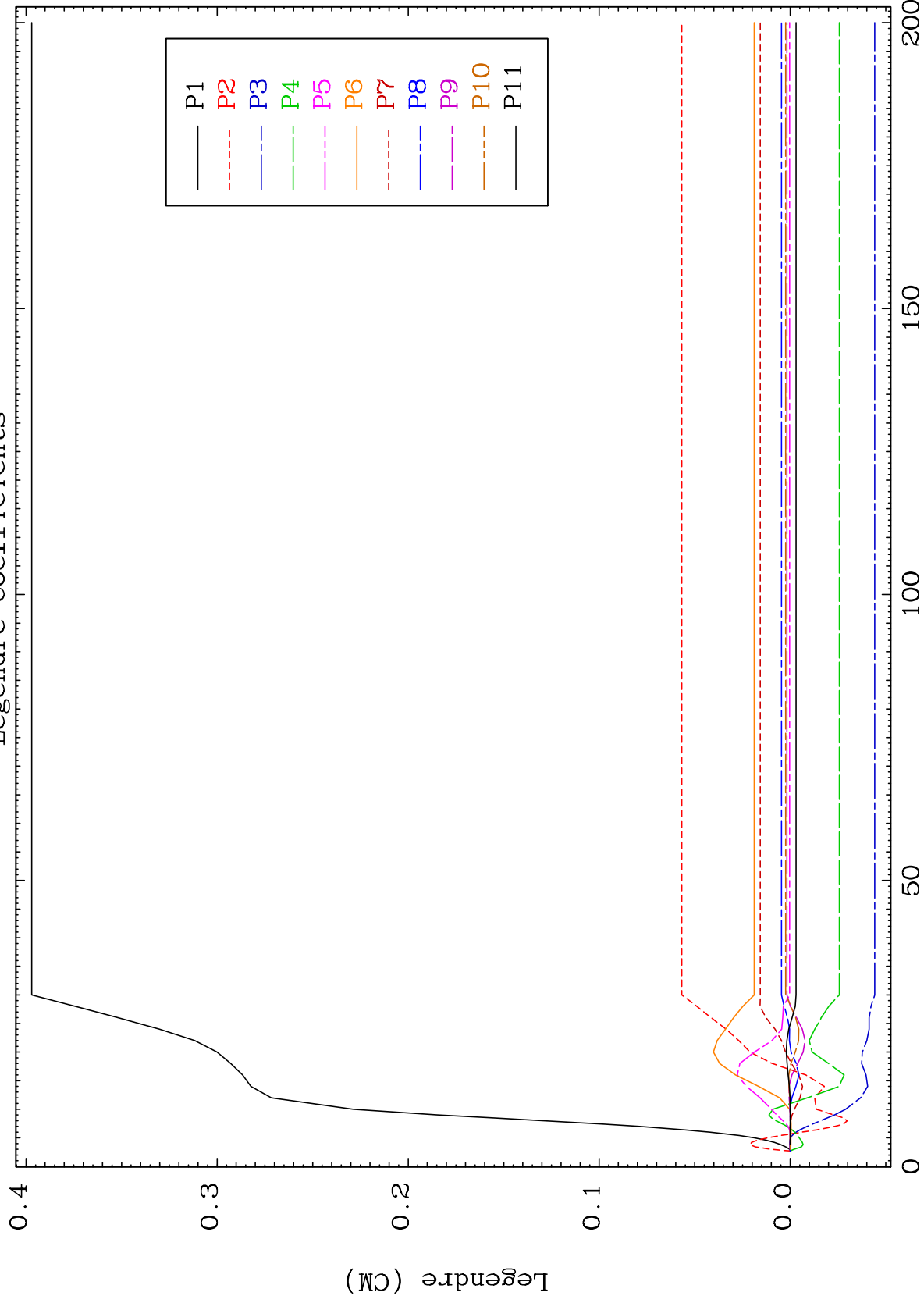
Legendre Coefficients



MAT 4413

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

44-Ru-92



30

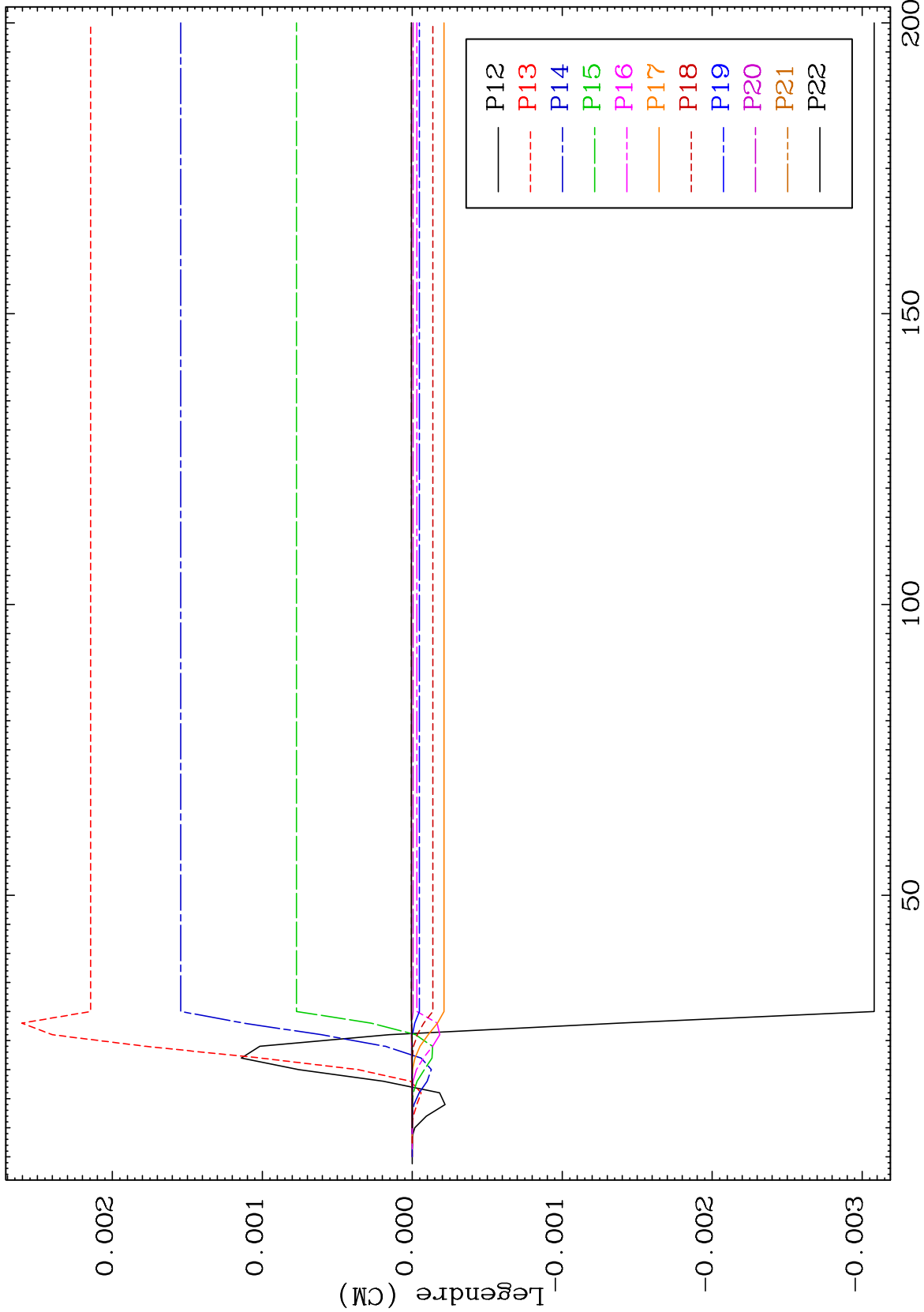
Incident Energy (MeV)

44-Ru-92

MAT 4413

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

44-Ru-92

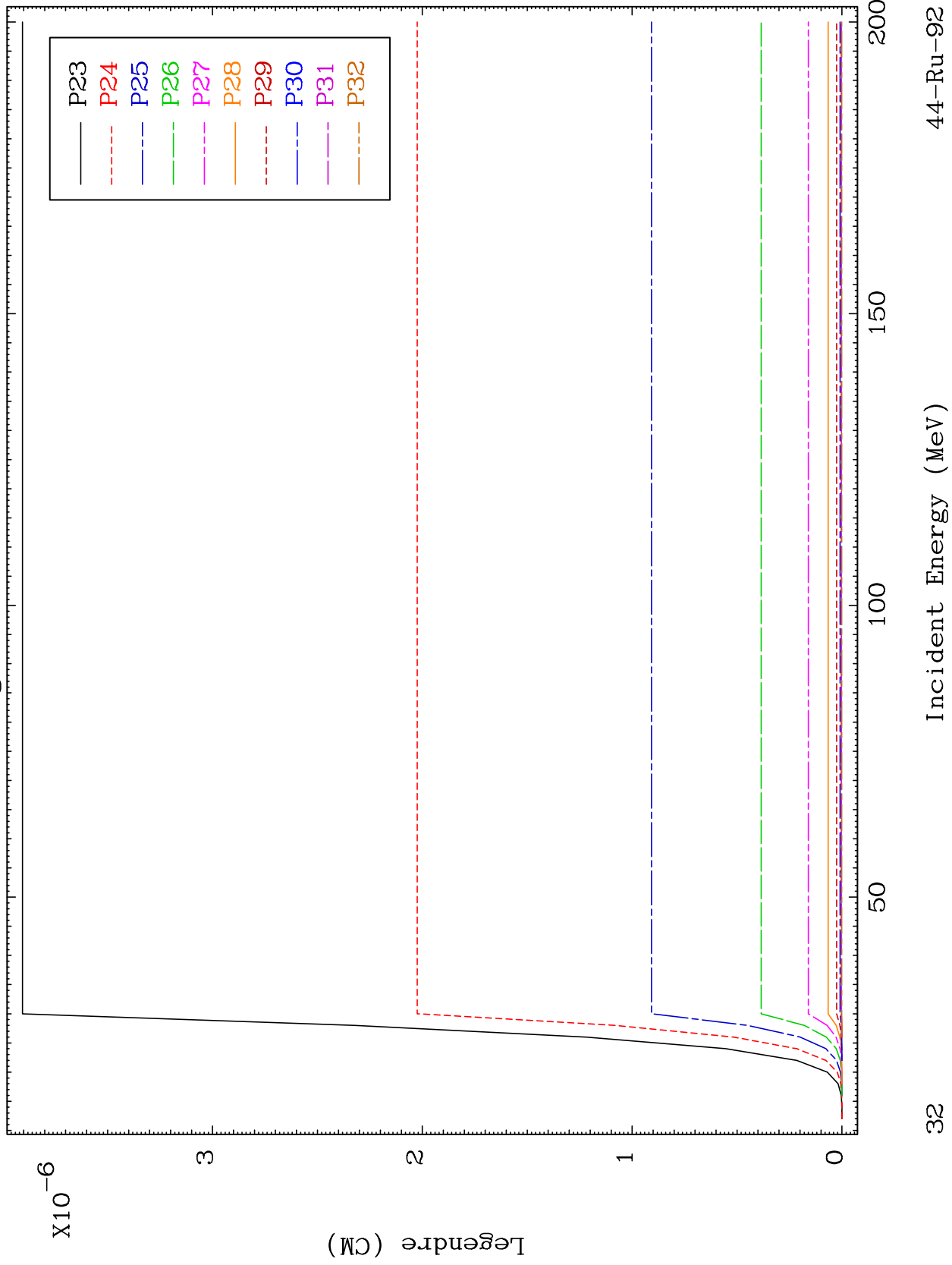




MAT 4413

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

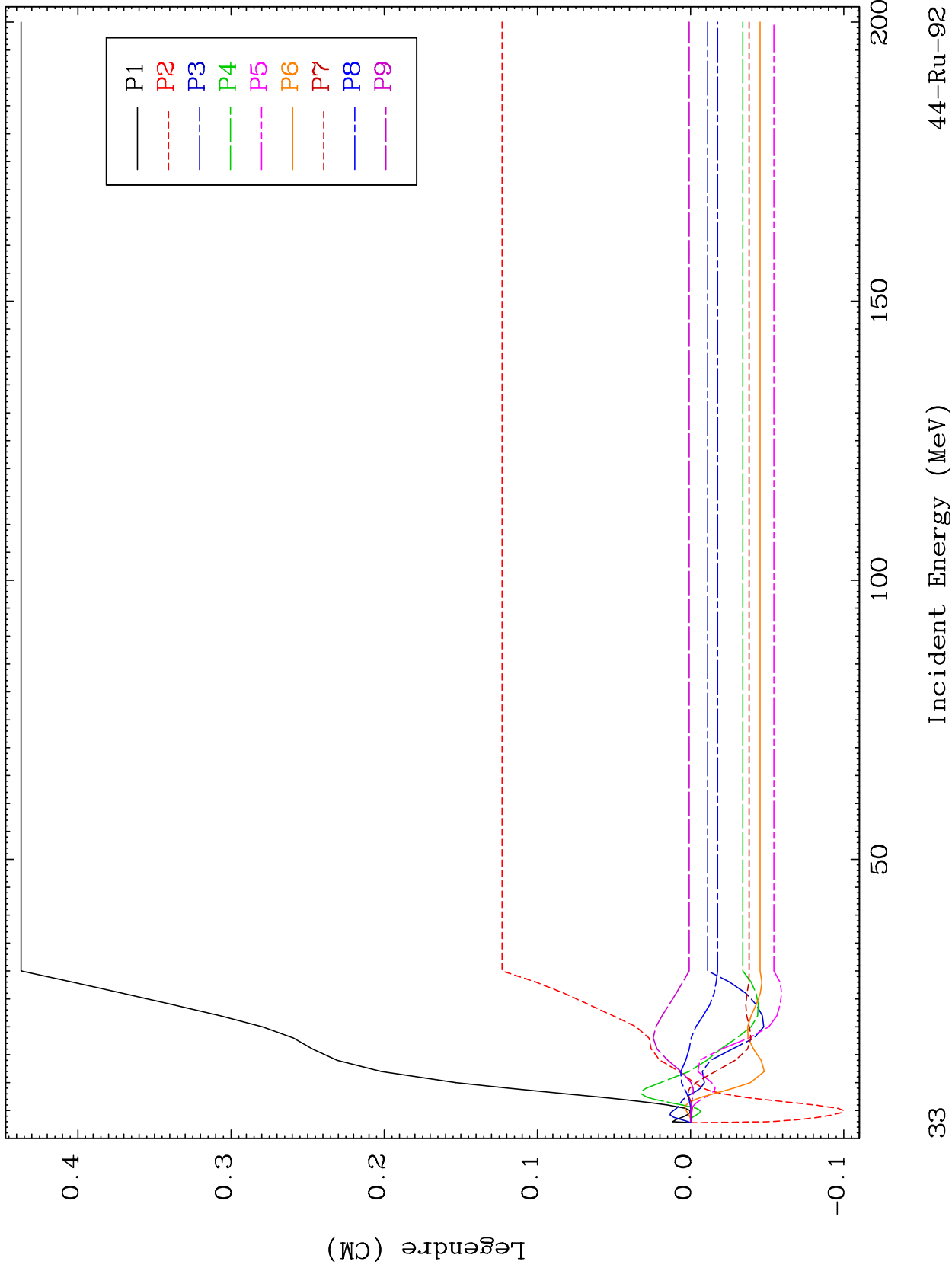
44-Ru-92



32

Incident Energy (MeV)

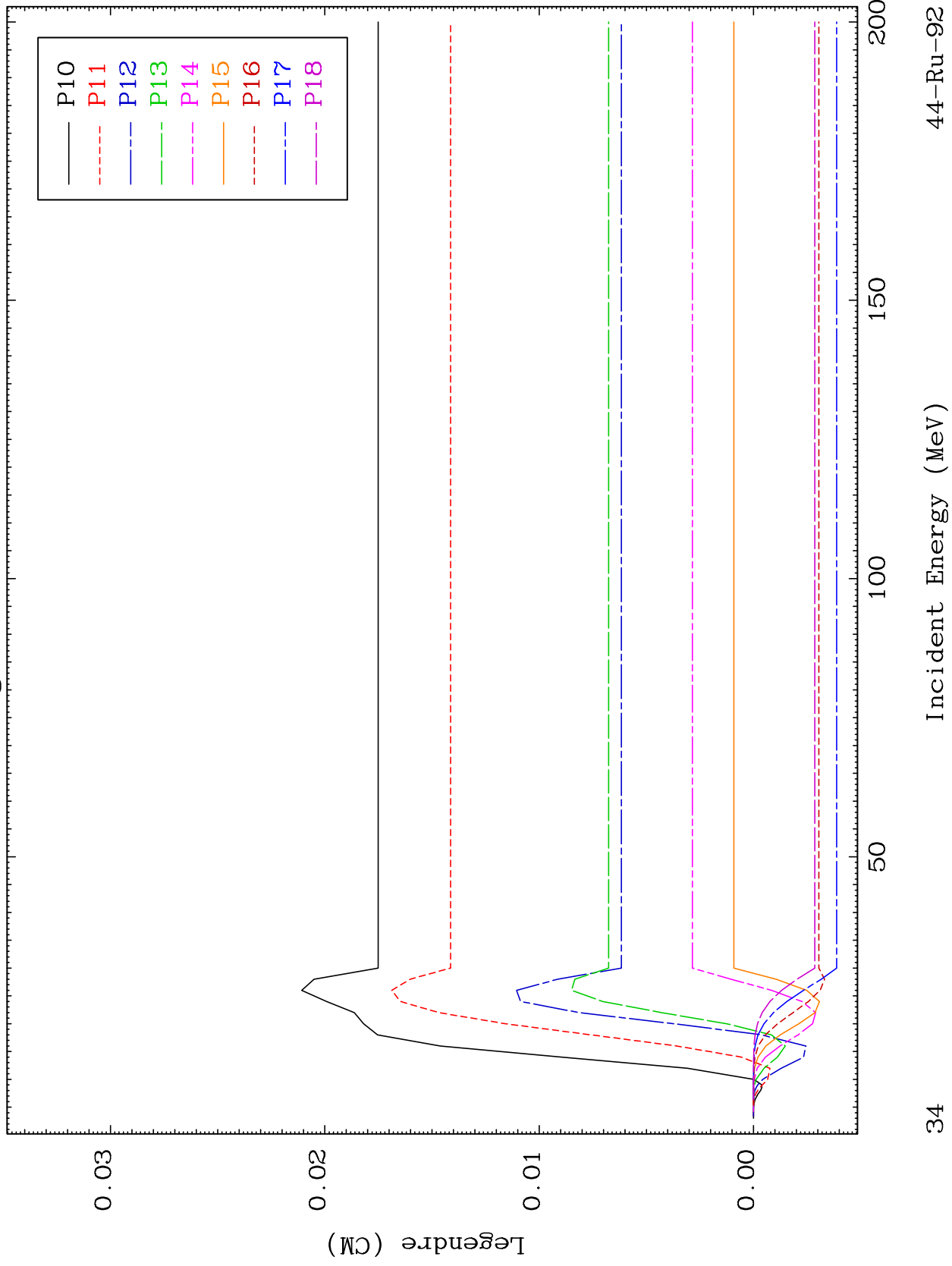
44-Ru-92



MAT 4413

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

44-Ru-92

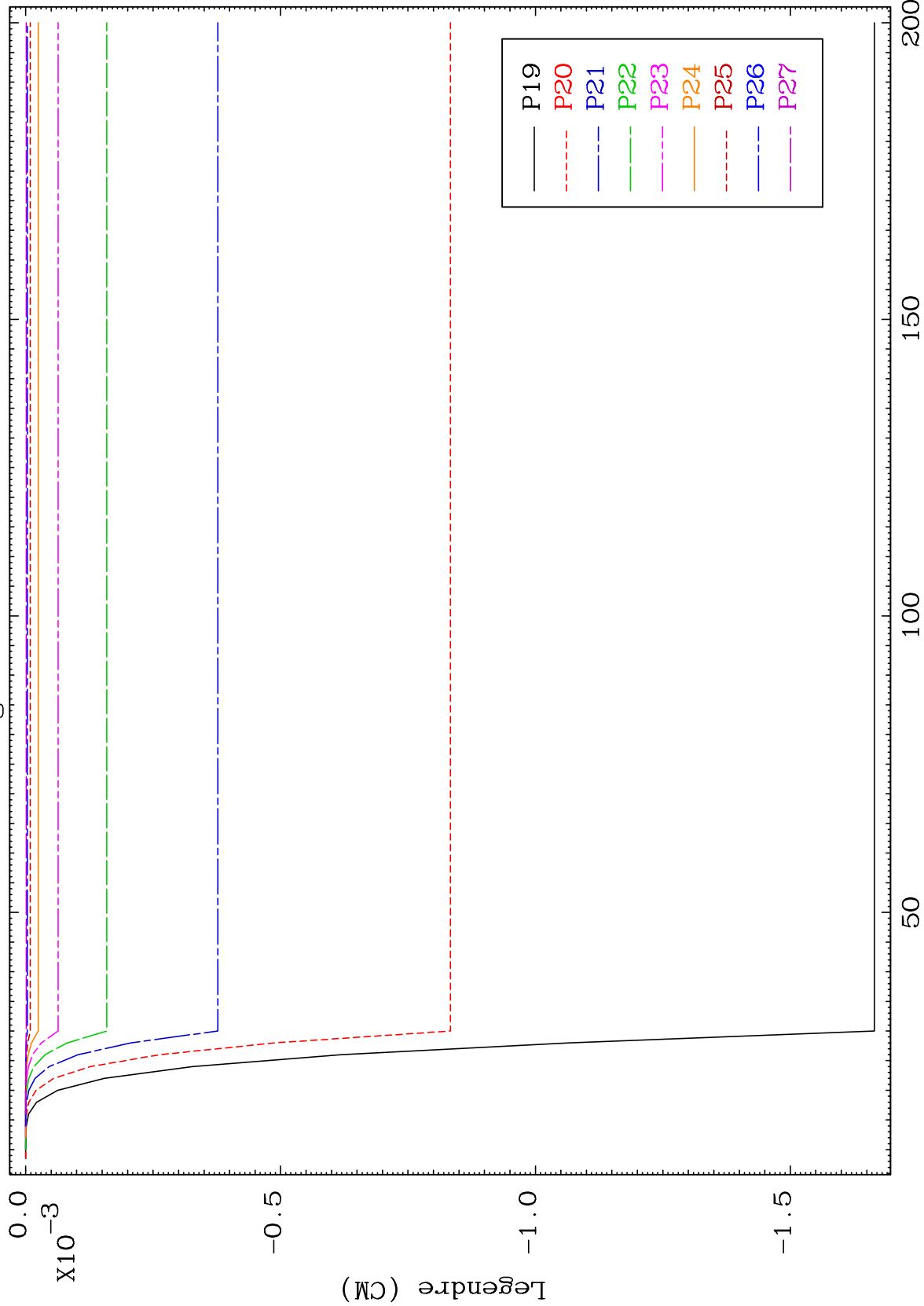


MAT 4413

MT= 55 (n,n') Level

44-Ru-92

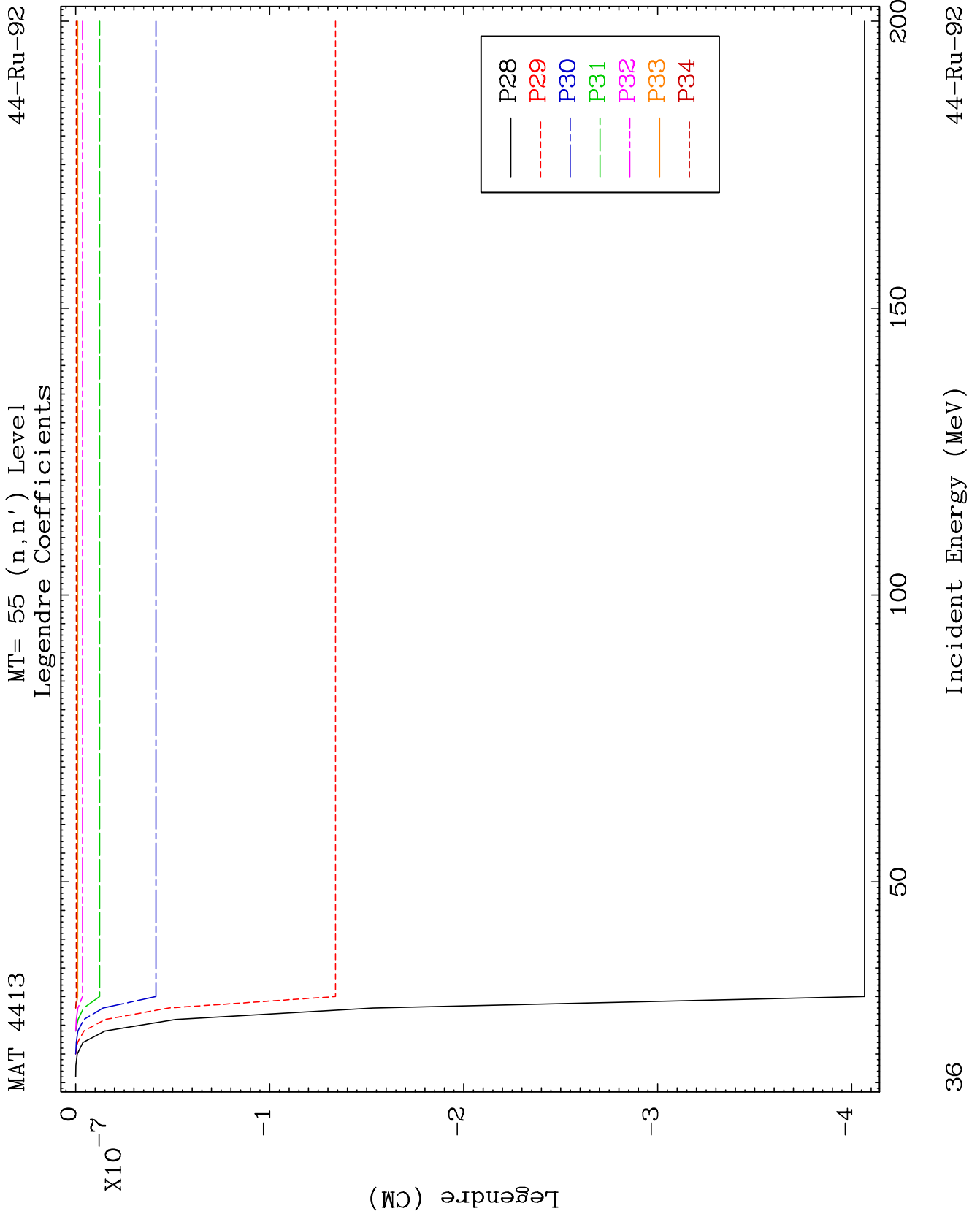
Legendre Coefficients



44-Ru-92

Incident Energy (MeV)

35

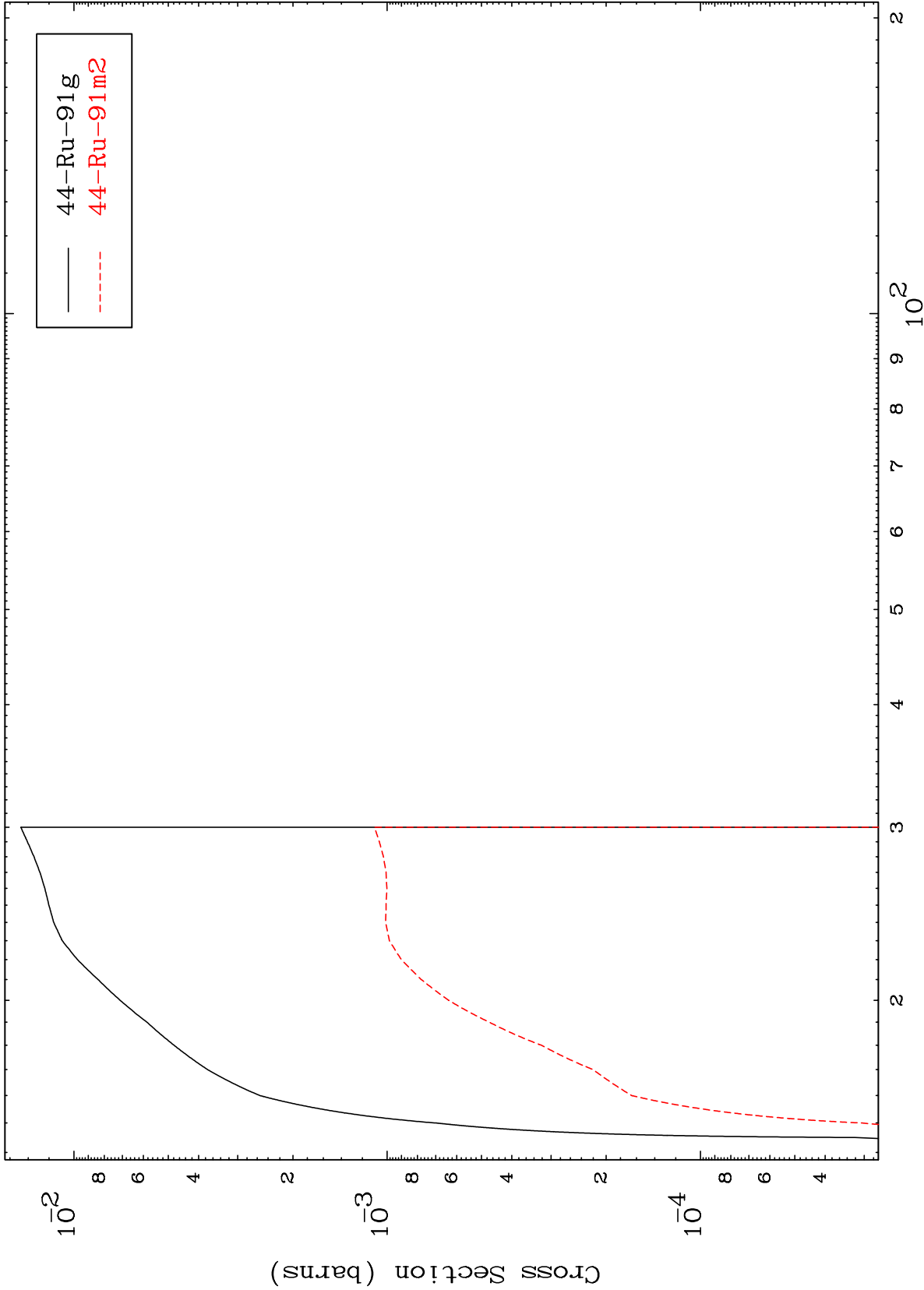


MAT 4413

(n,2n)

44-Ru-92

Radionuclide Production Cross Section



37

Incident Energy (MeV)

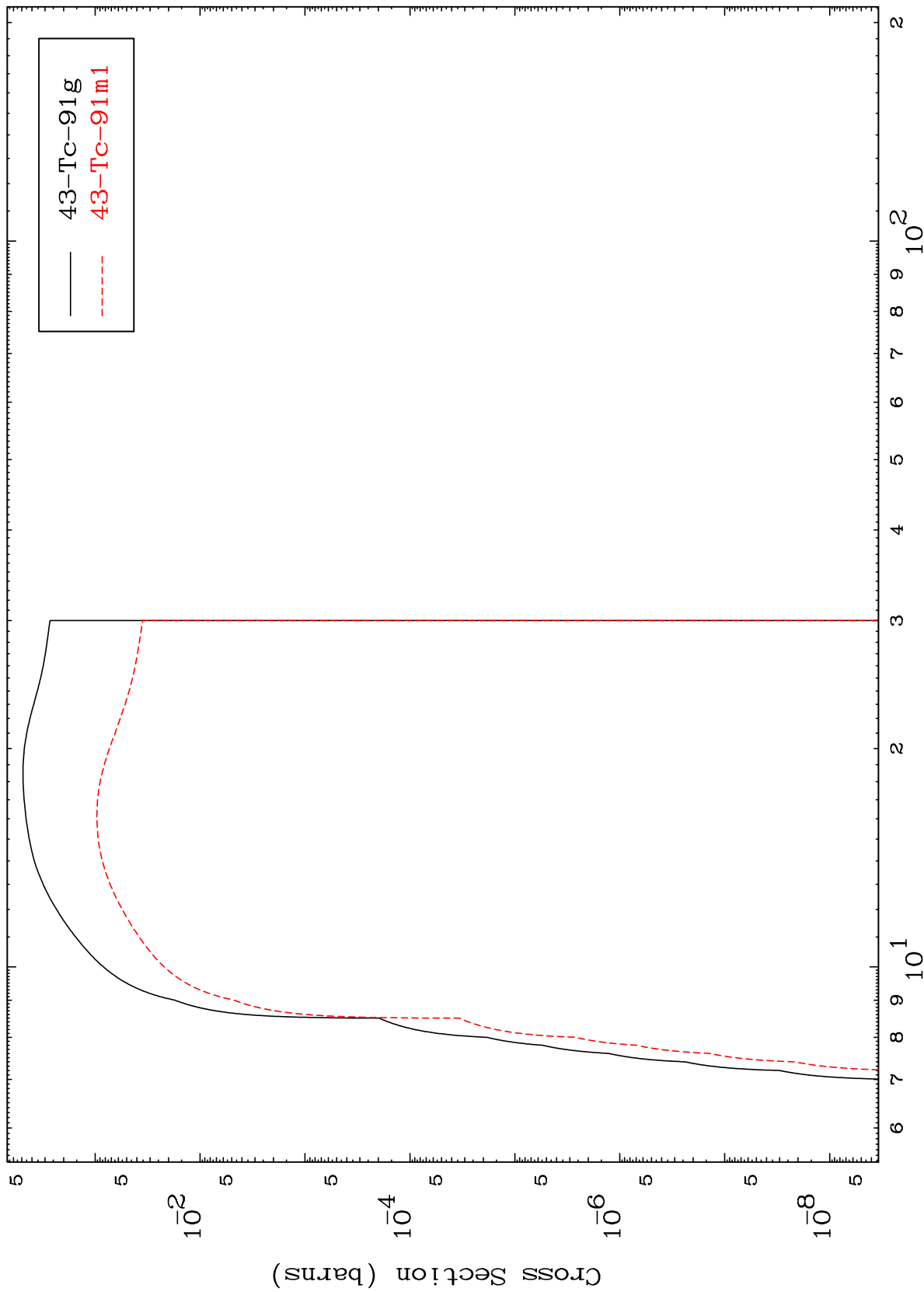
44-Ru-92

MAT 4413

(n,n') p

44-Ru-92

Radionuclide Production Cross Section



38

Incident Energy (MeV)

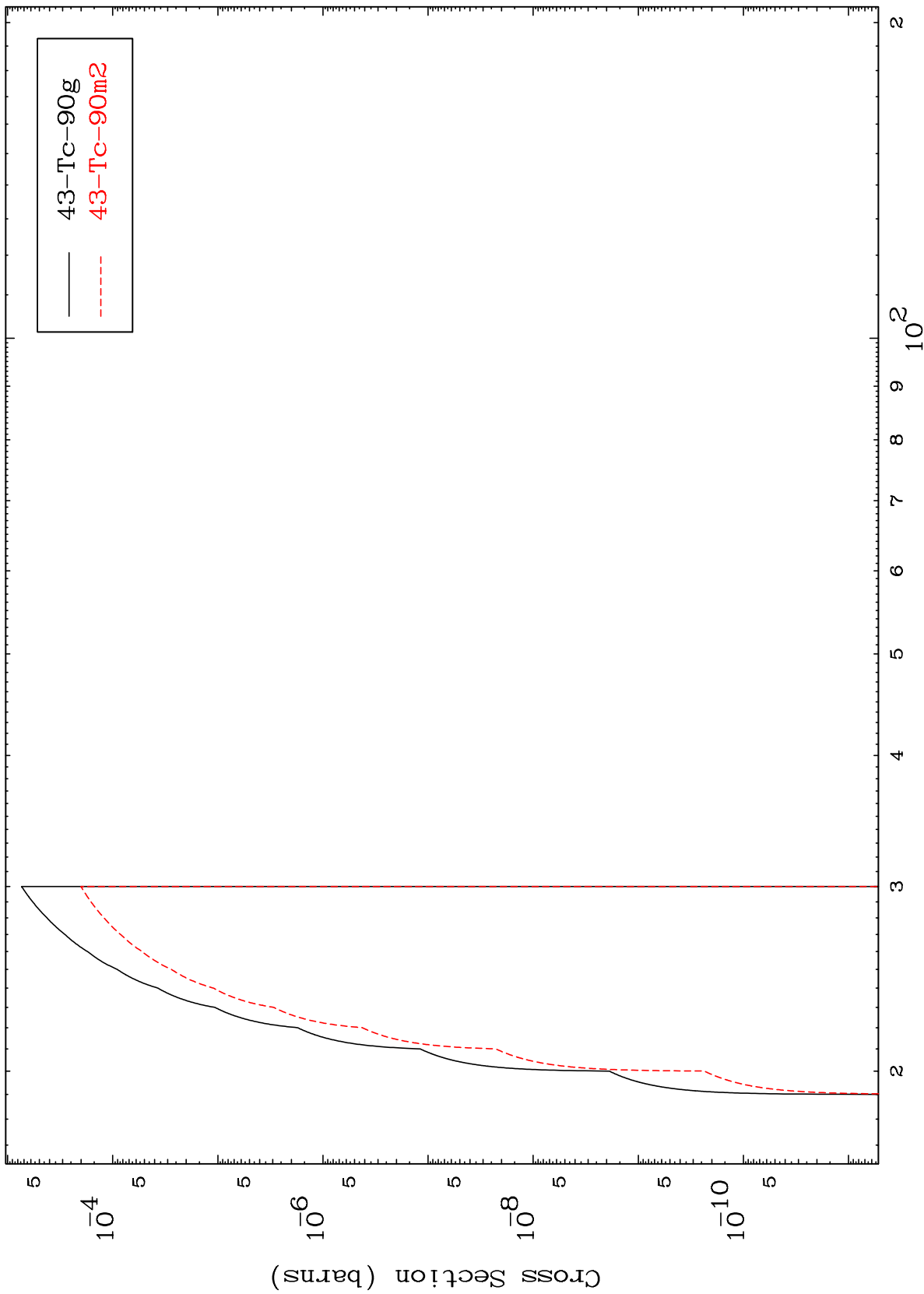
44-Ru-92

MAT 4413

(n,n') d

44-Ru-92

Radionuclide Production Cross Section



39

Incident Energy (MeV)

44-Ru-92

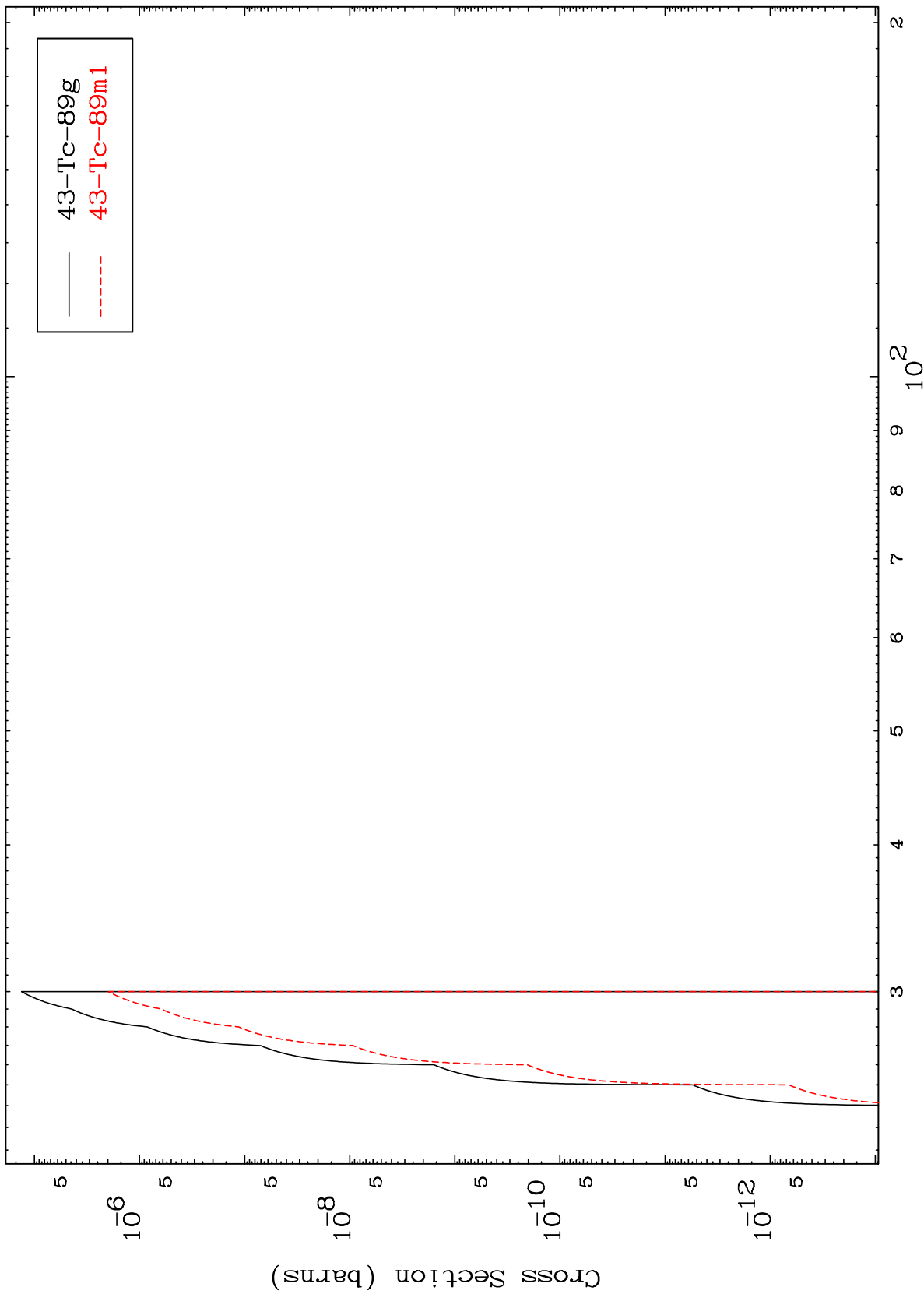


MAT 4413

(n,n') t

44-Ru-92

Radionuclide Production Cross Section



40

Incident Energy (MeV)

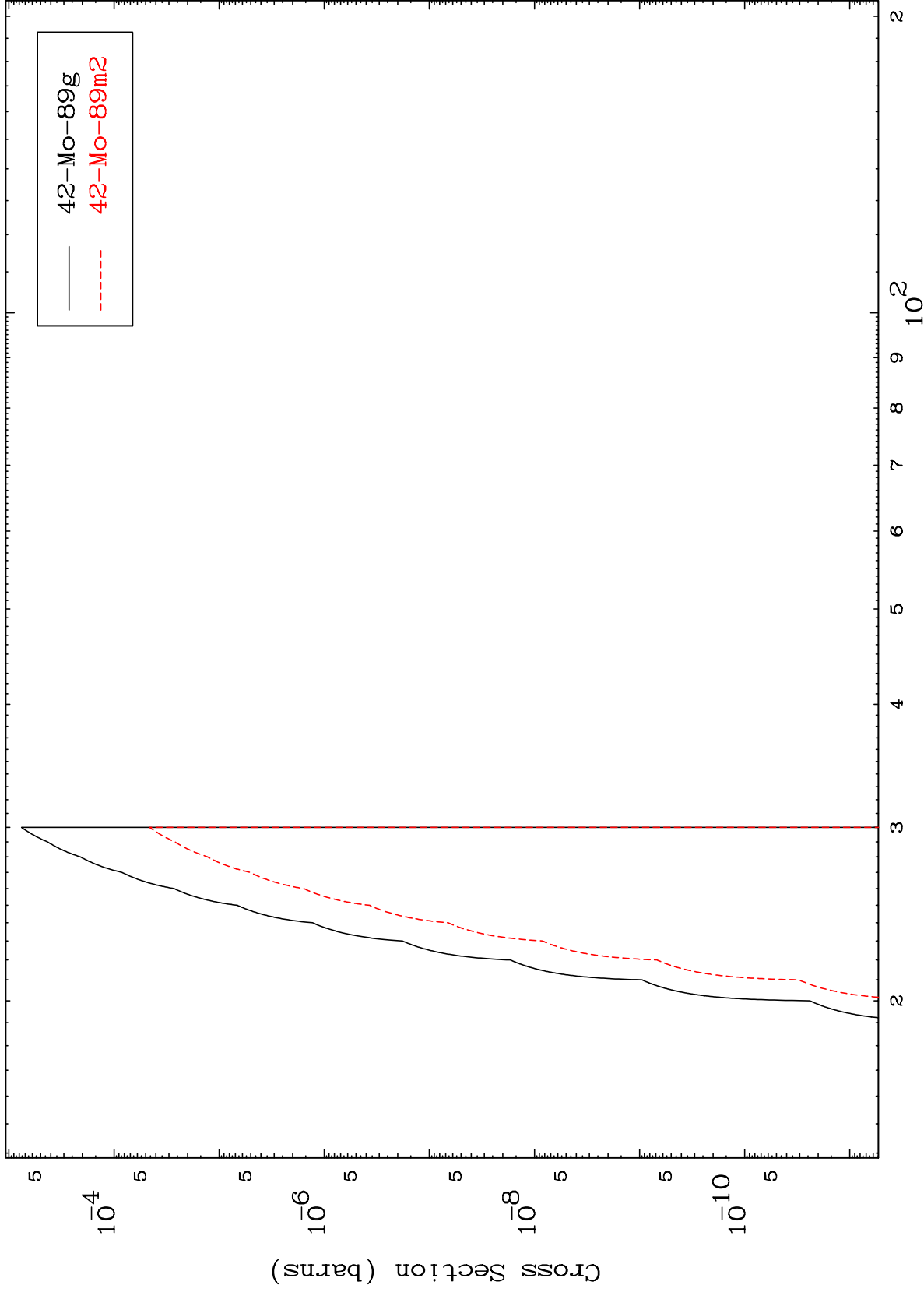
44-Ru-92

MAT 4413

(n,n') He-3

44-Ru-92

Radionuclide Production Cross Section



41

Incident Energy (MeV)

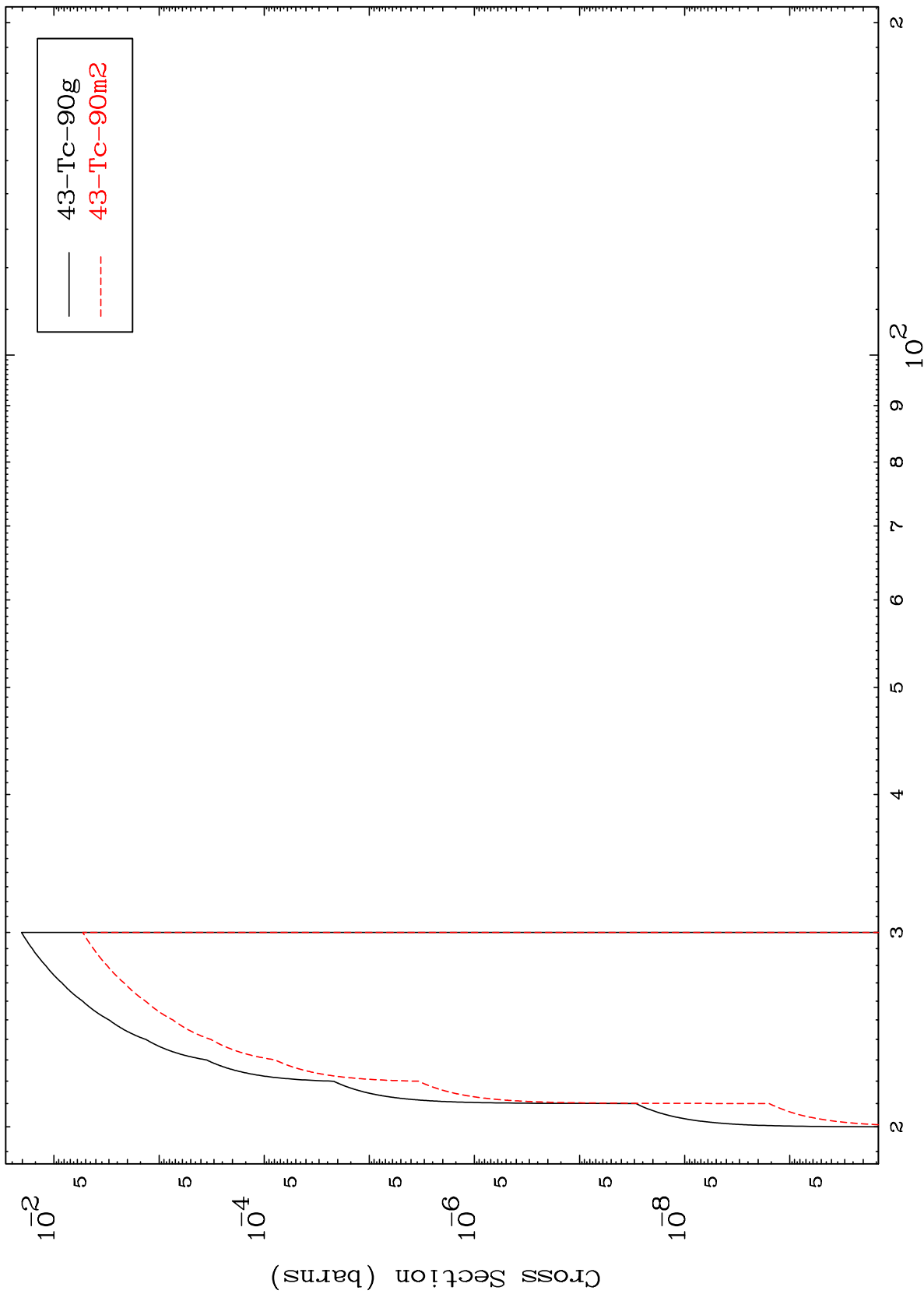
44-Ru-92

MAT 4413

(n,2n) p

44-Ru-92

Radionuclide Production Cross Section



42

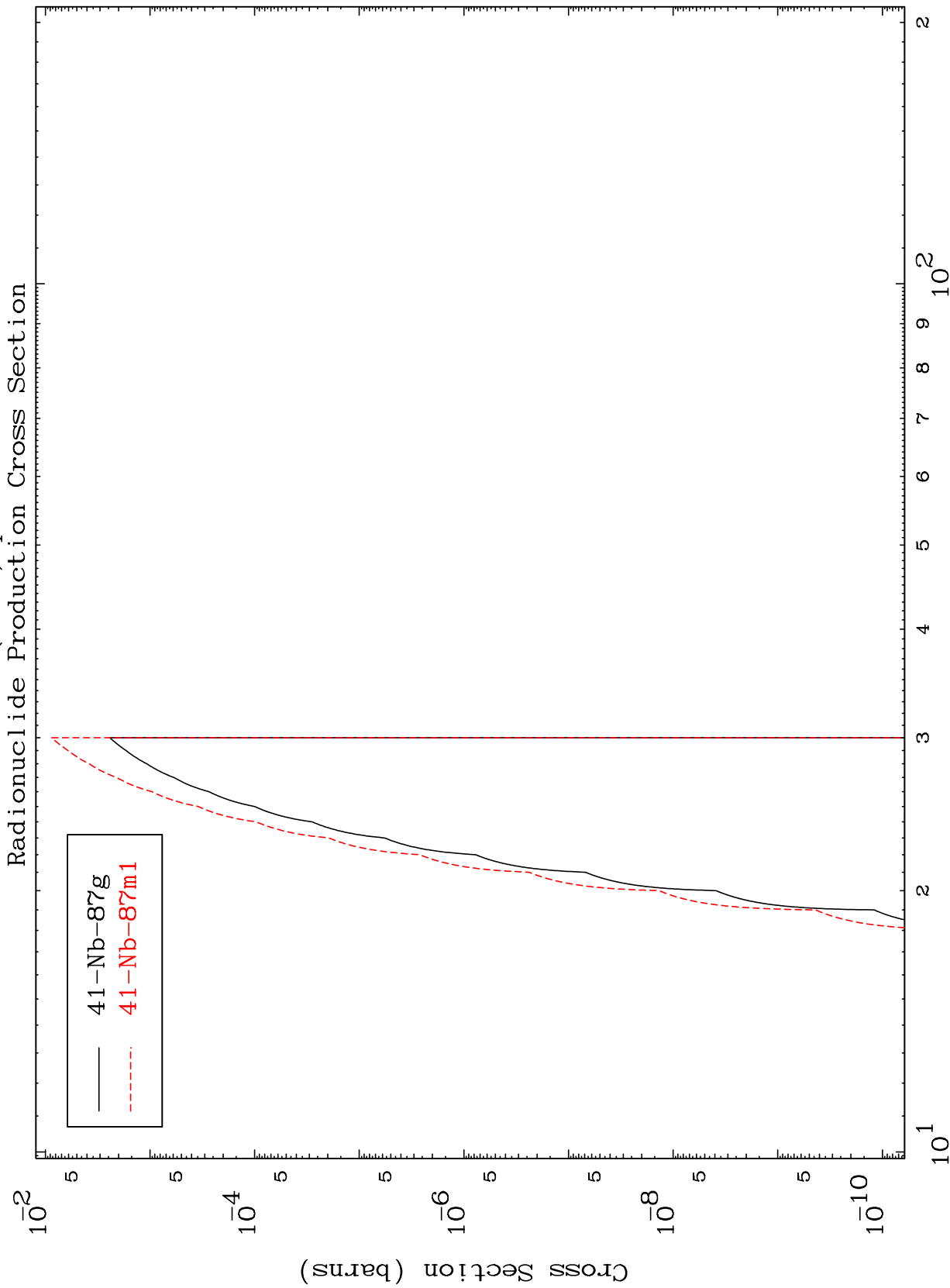
Incident Energy (MeV)

44-Ru-92

MAT 4413

(n,n') p  $\alpha$

44-Ru-92



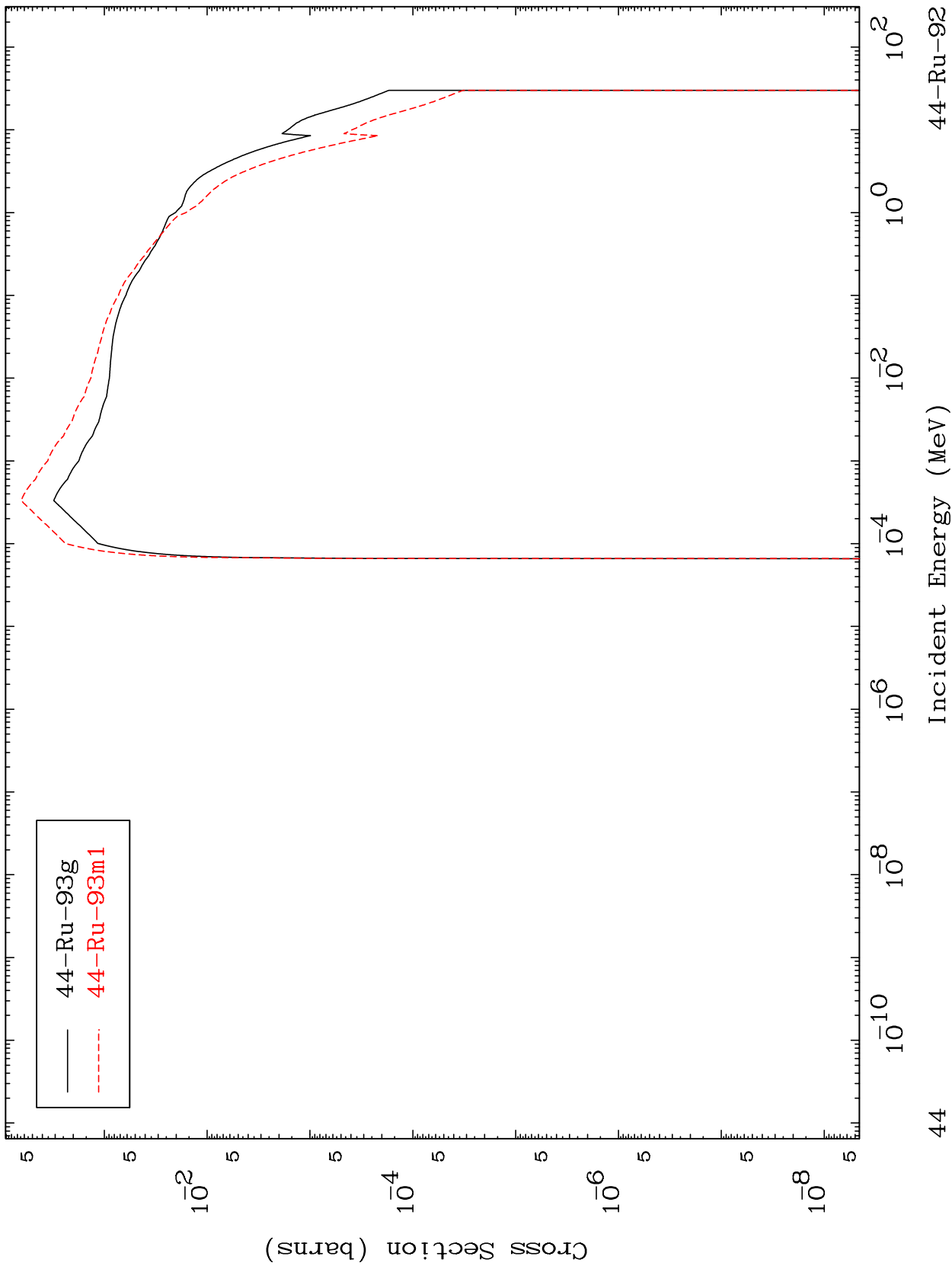
44-Ru-92

43

MAT 4413

44-Ru-92

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



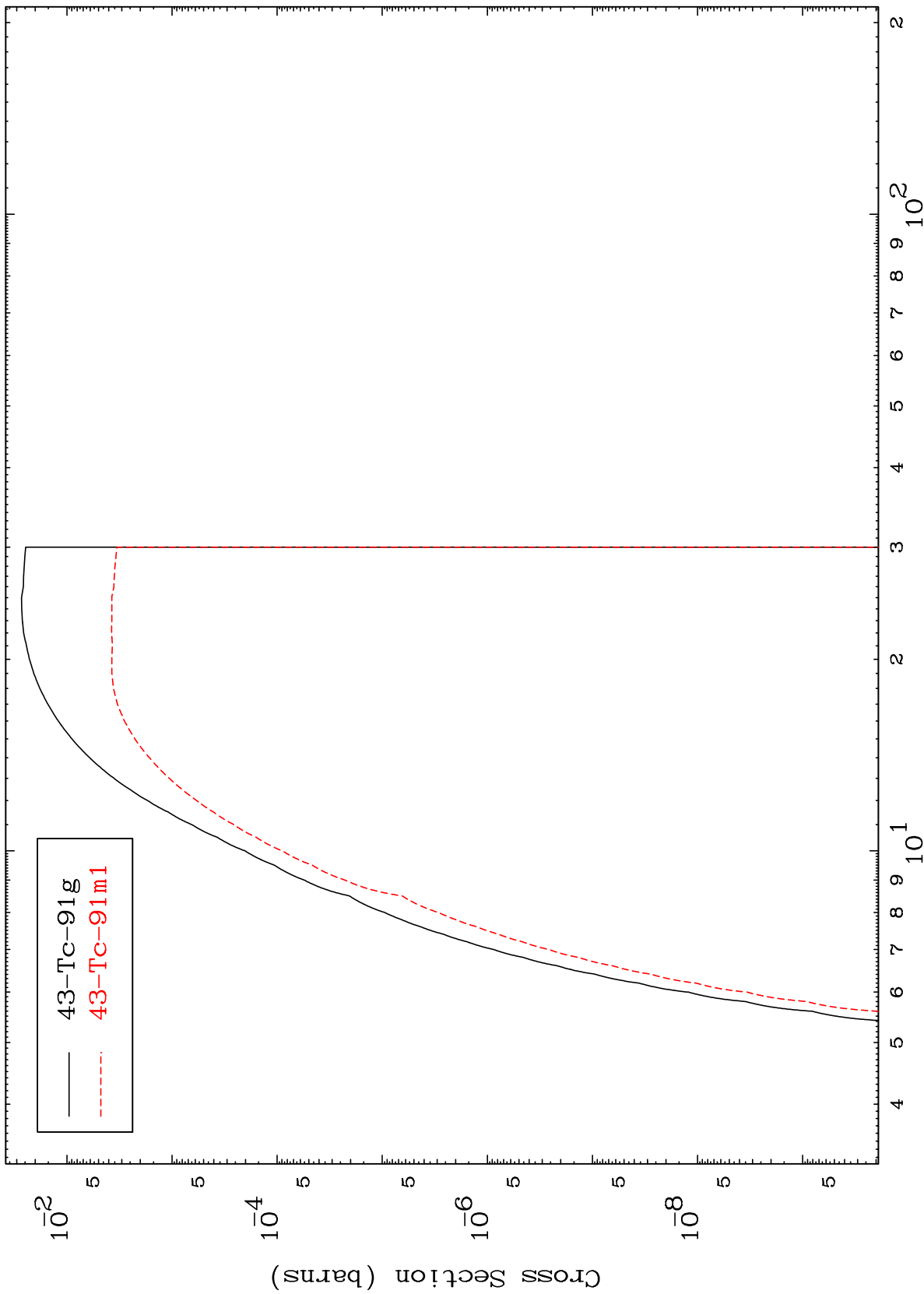
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44-Ru-92

MAT 4413

44-Ru-92

(n,d)  
Radionuclide Production Cross Section



44-Ru-92

Incident Energy (MeV)

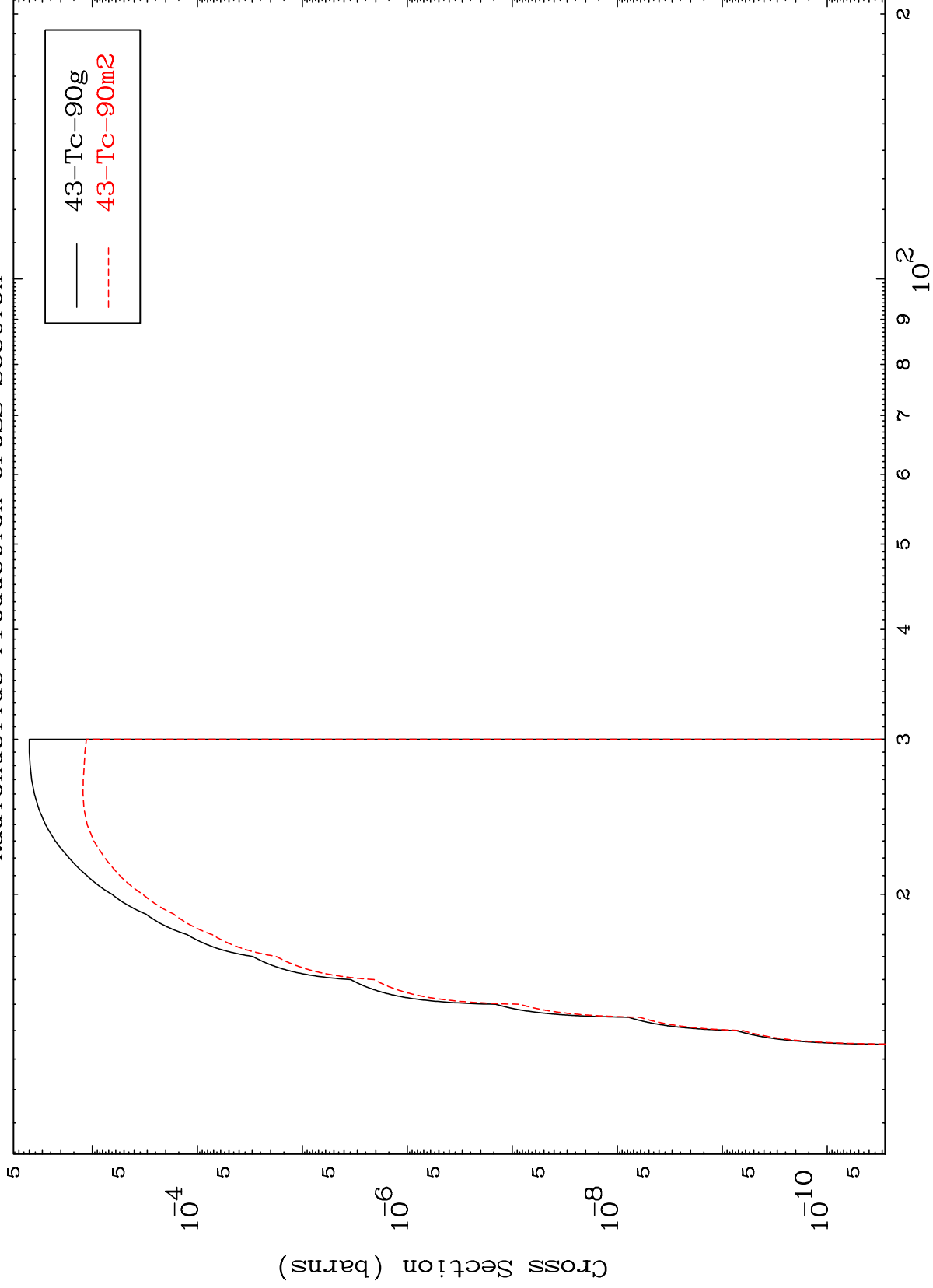
45

MAT 4413

(n, t)

44-Ru-92

Radionuclide Production Cross Section



46

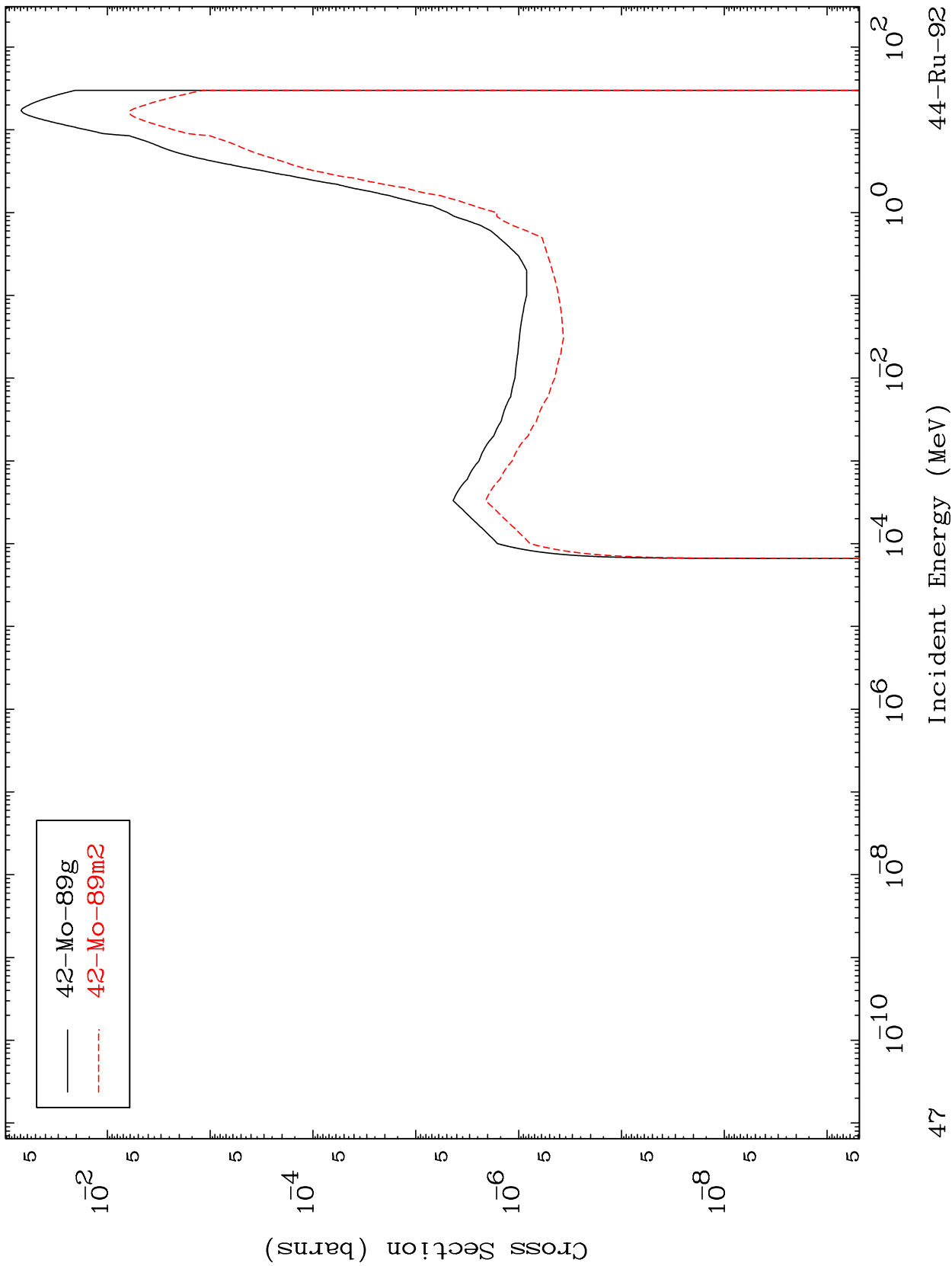
Incident Energy (MeV)

44-Ru-92

MAT 4413

44-Ru-92

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



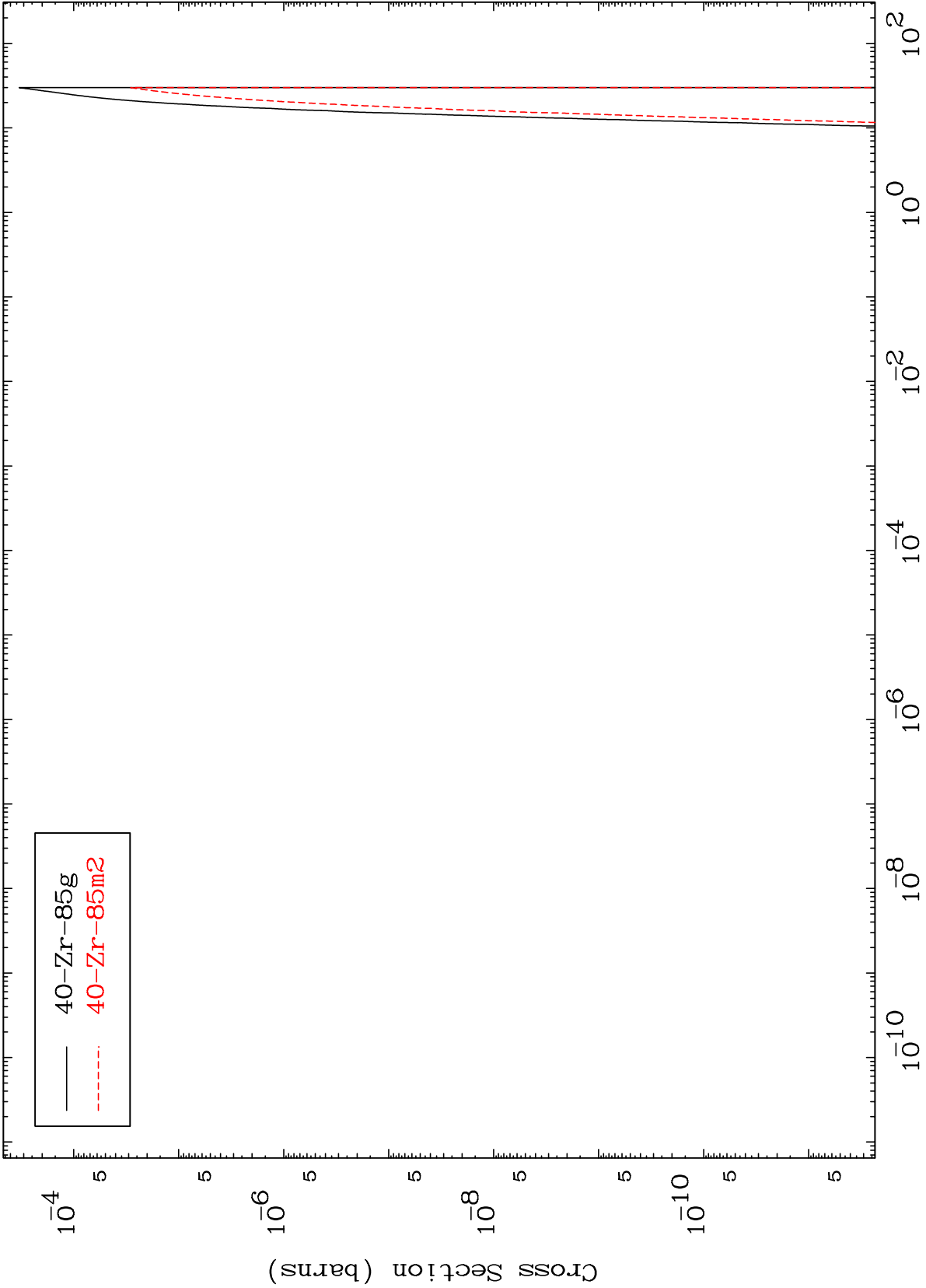


MAT 4413

(n,2α)

44-Ru-92

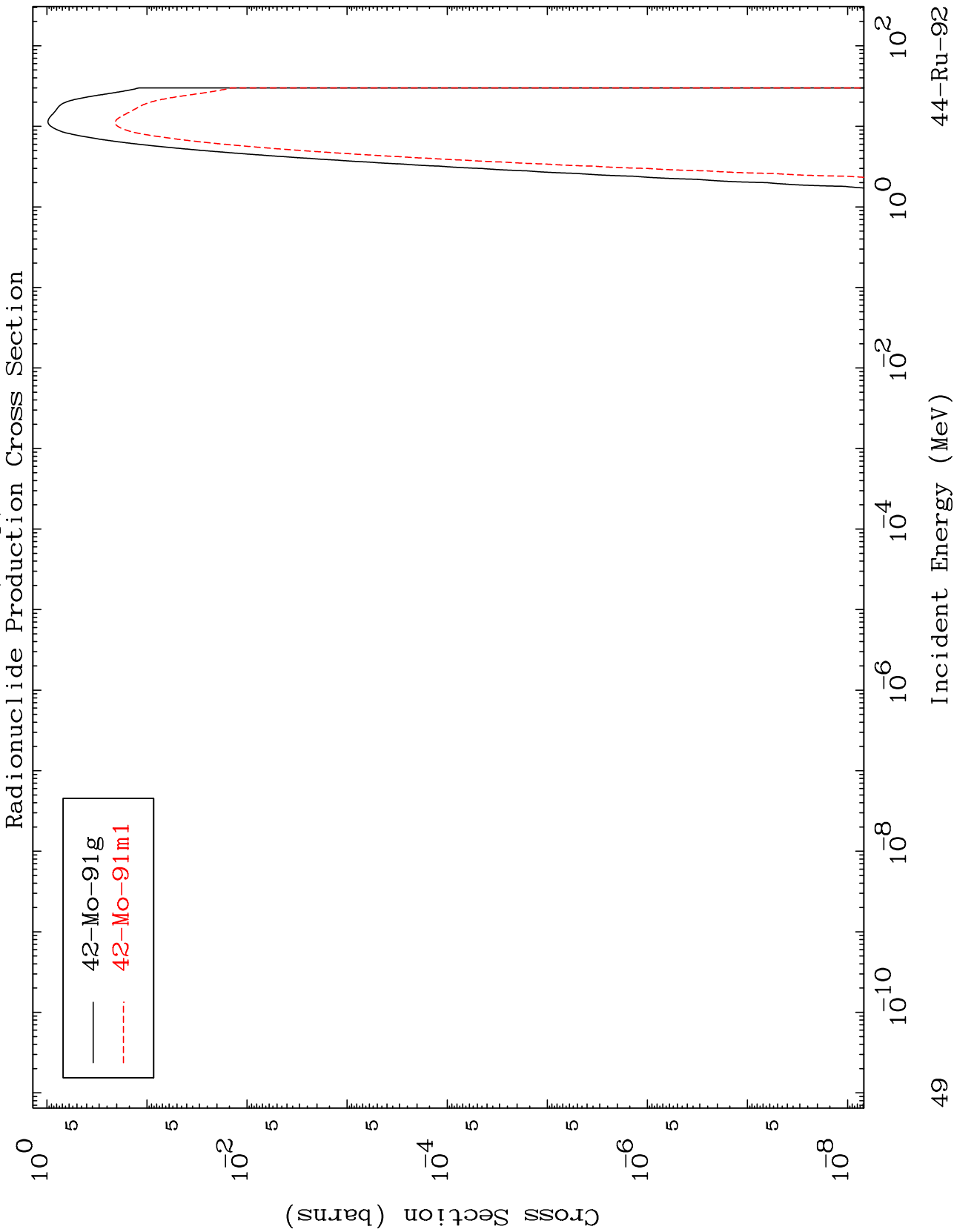
Radionuclide Production Cross Section



MAT 4413

44-Ru-92

Radionuclide Production Cross Section  
(n,2p)



— 42-Mo-91g  
- - - 42-Mo-91m1

49

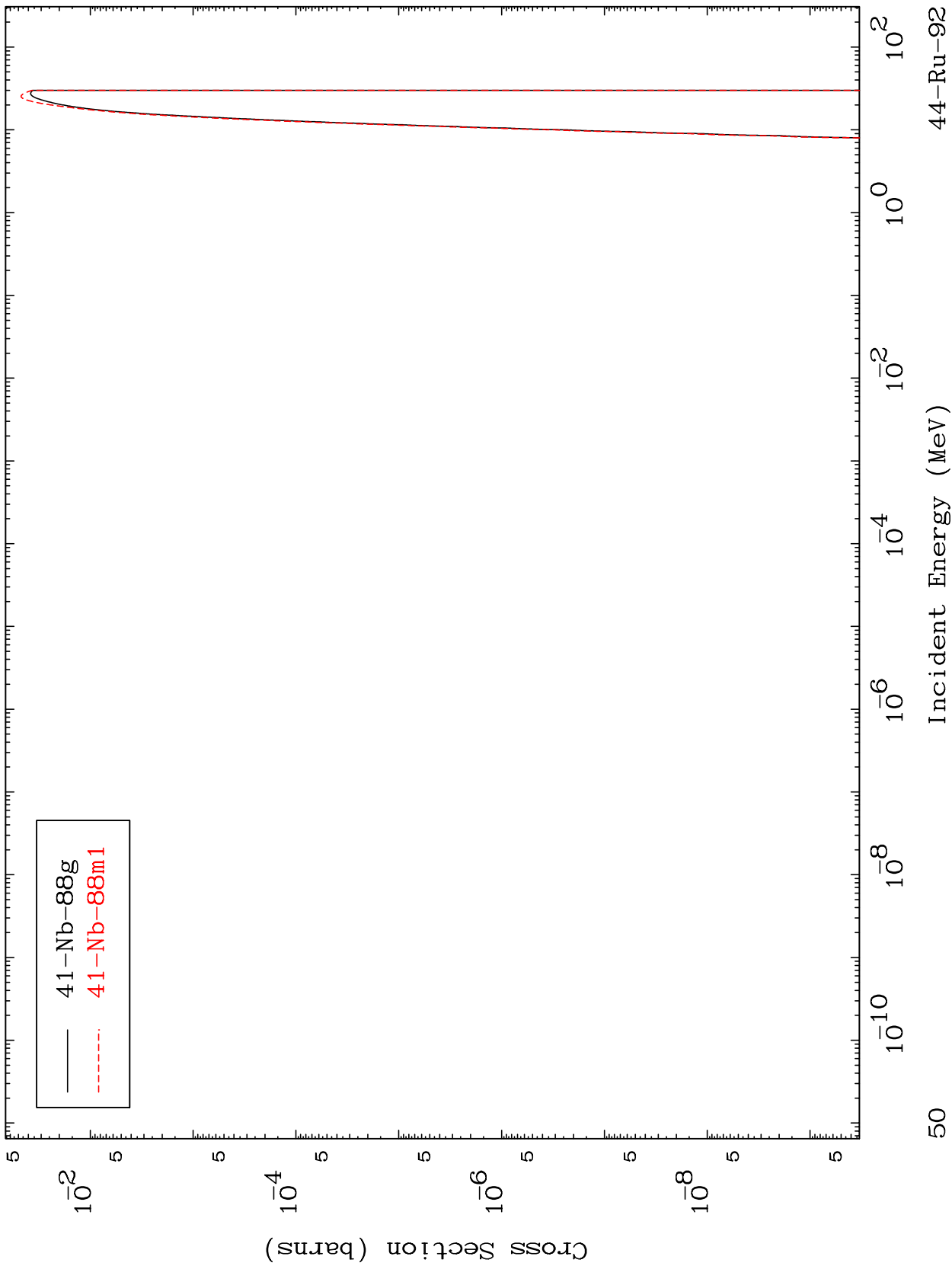
44-Ru-92

MAT 4413

(n,p)  $\alpha$

44-Ru-92

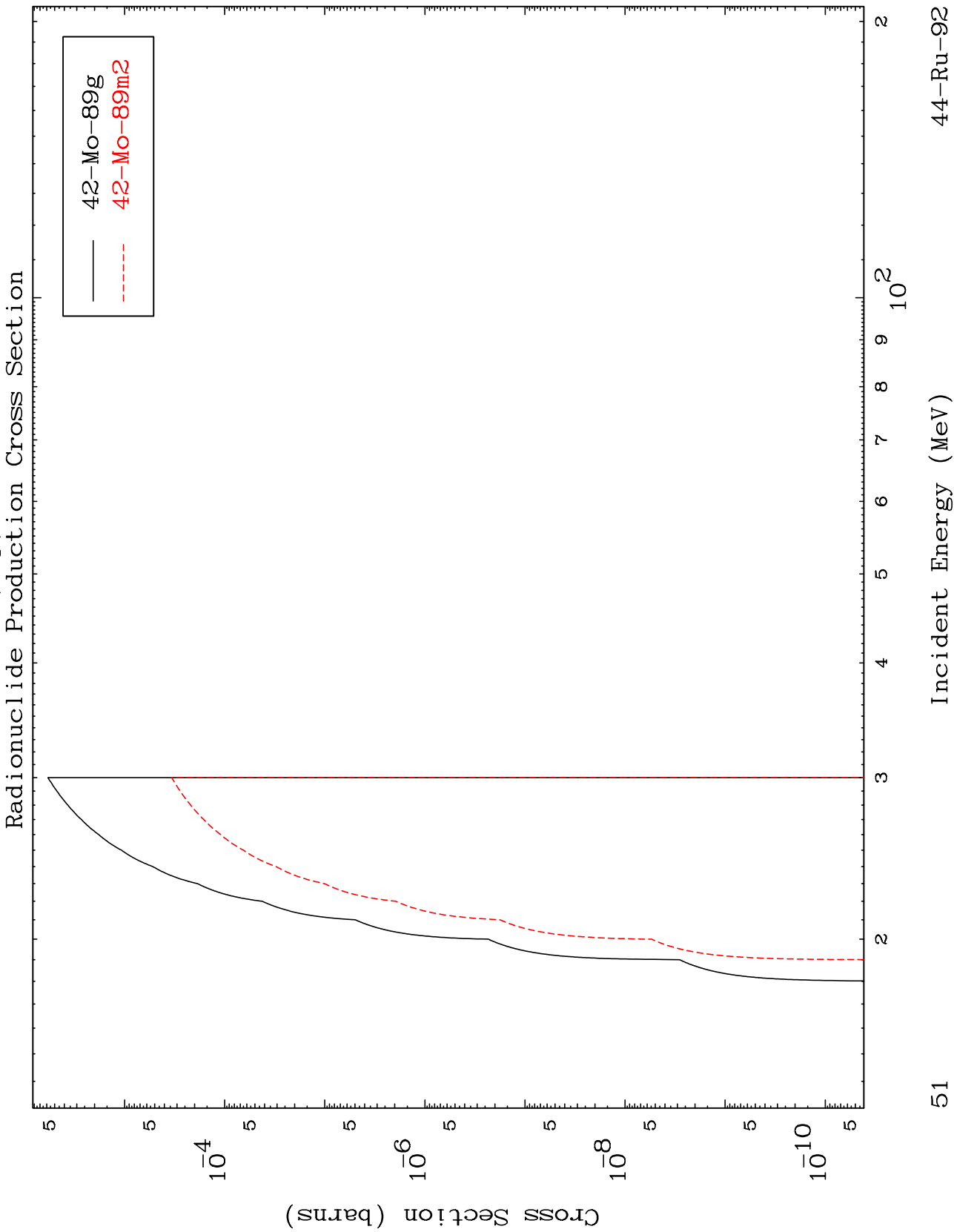
Radionuclide Production Cross Section



50

Incident Energy (MeV)

44-Ru-92

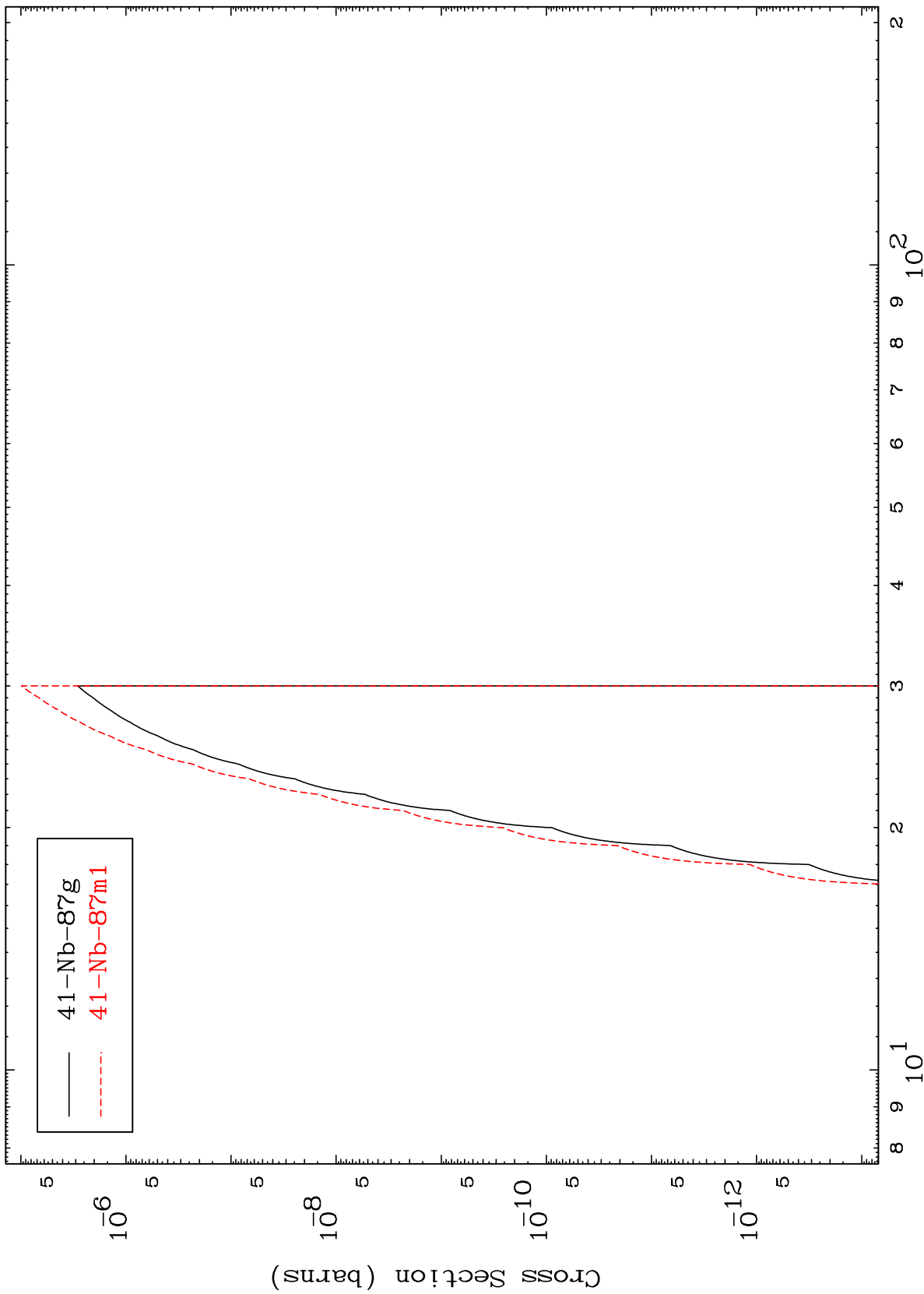


MAT 4413

(n,d)  $\alpha$

44-Ru-92

Radionuclide Production Cross Section



52

Incident Energy (MeV)

44-Ru-92