

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

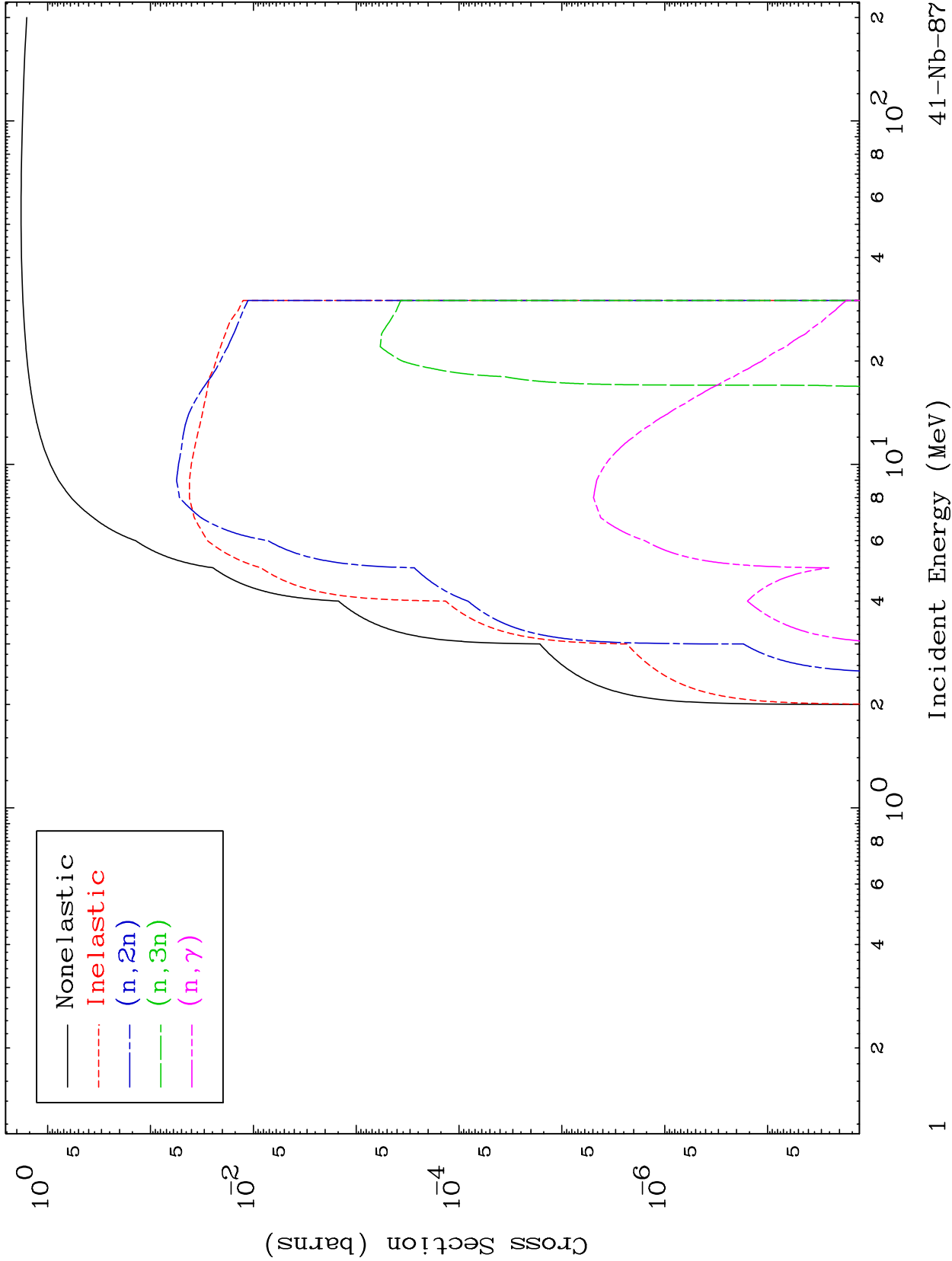
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

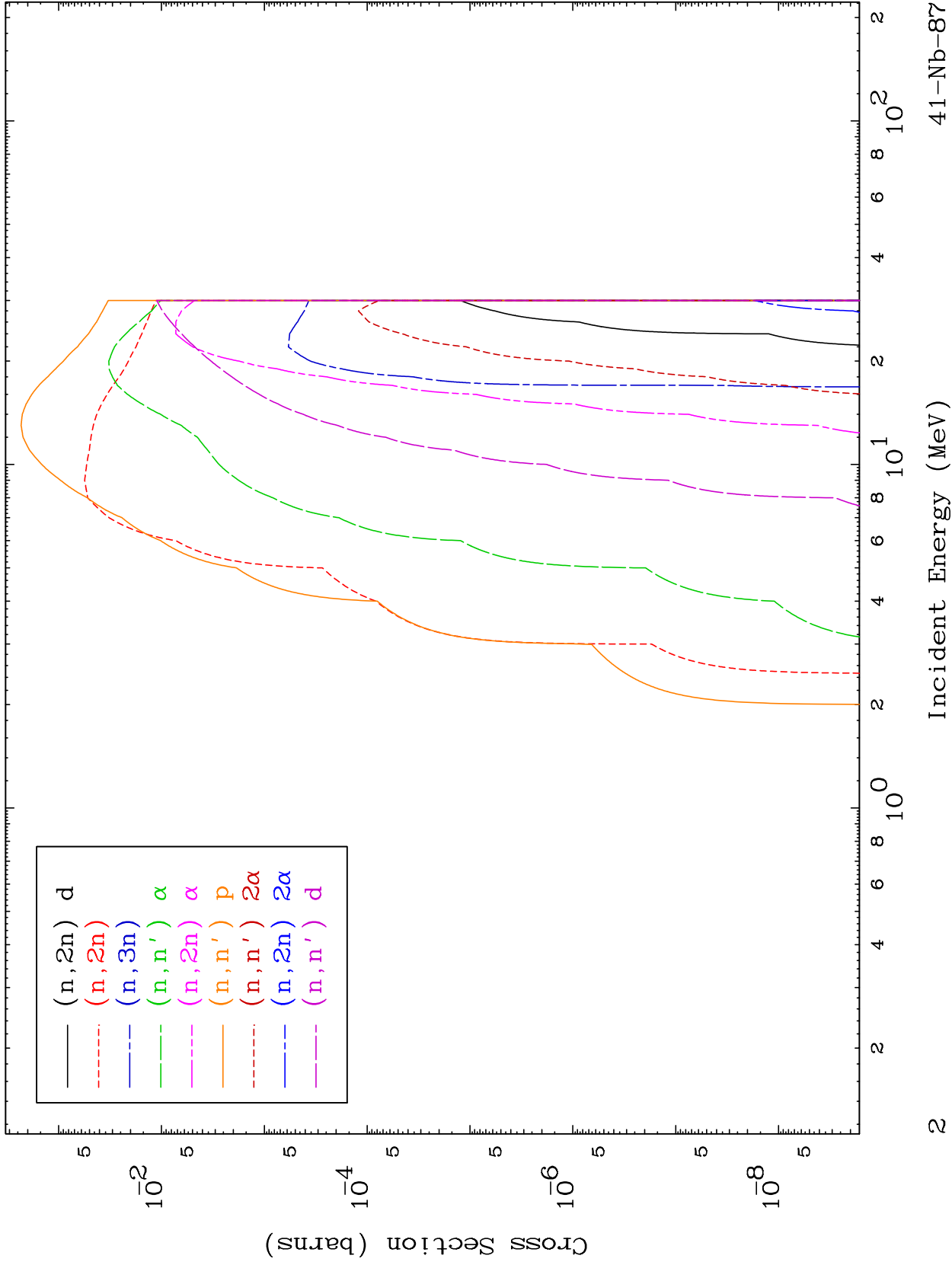
Tele: 925-443-1911

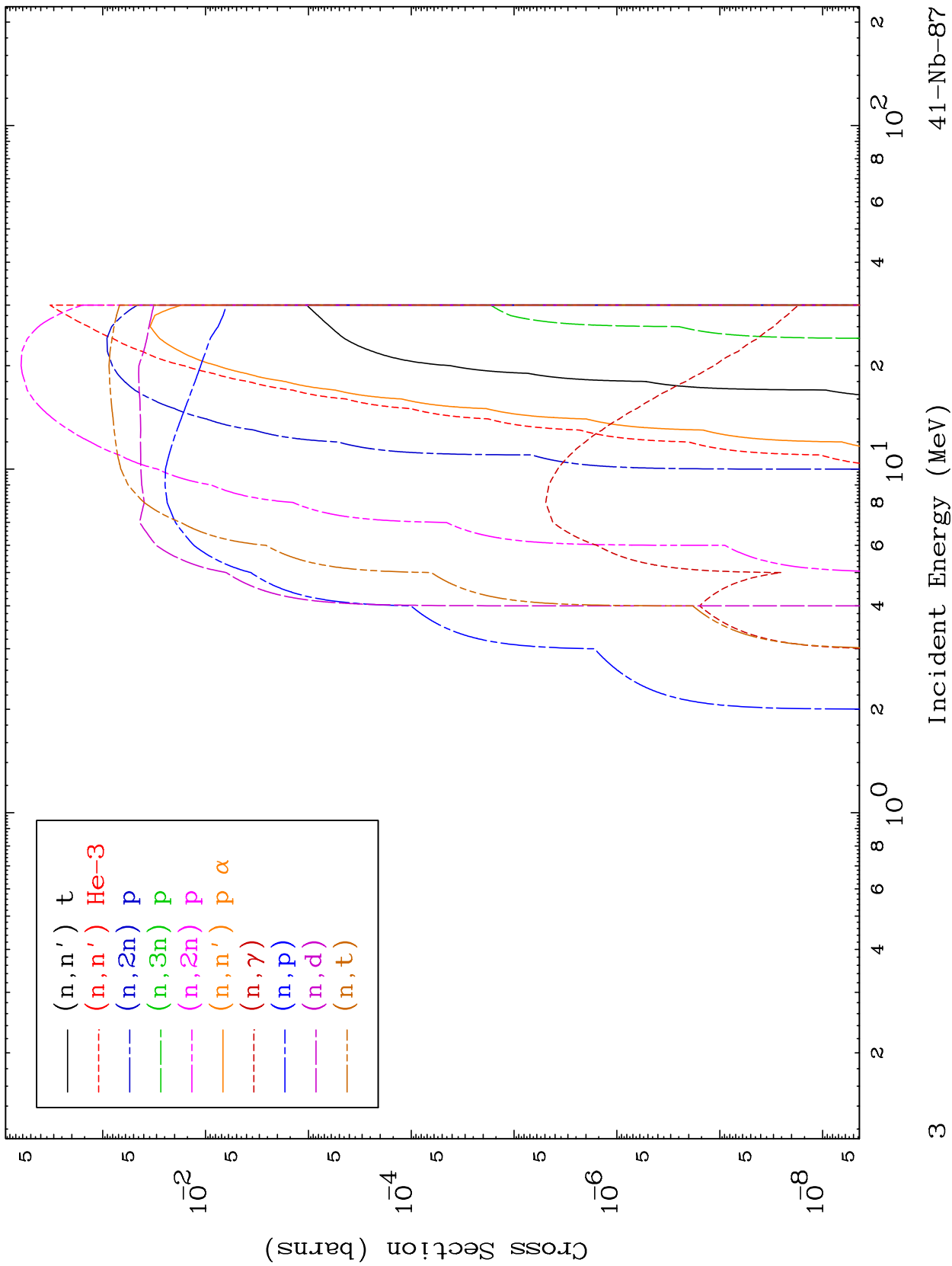
E.Mail:redcullen1@comcast.net

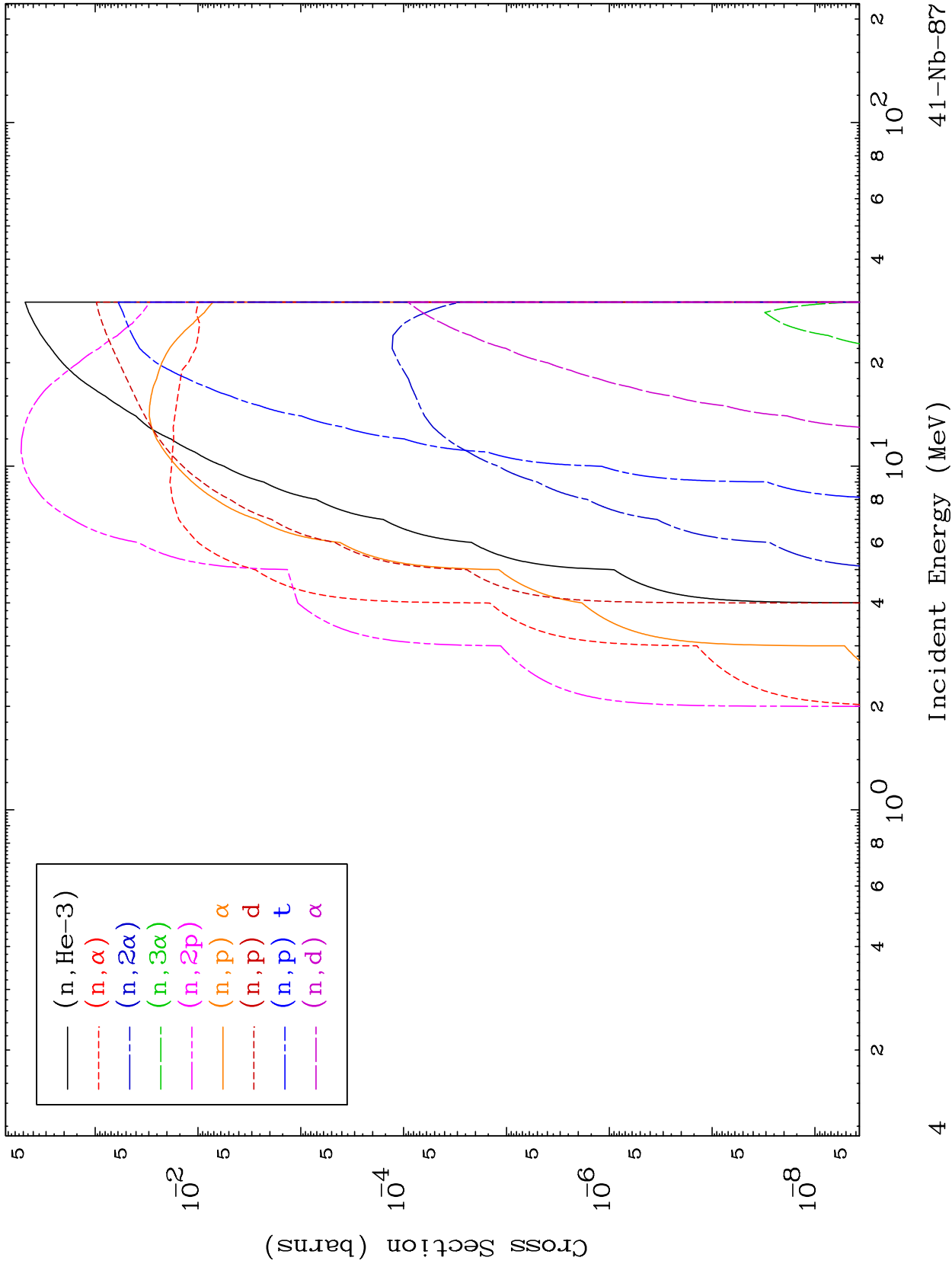
Web:redcullen1.net/HOMEPAGE.NEW

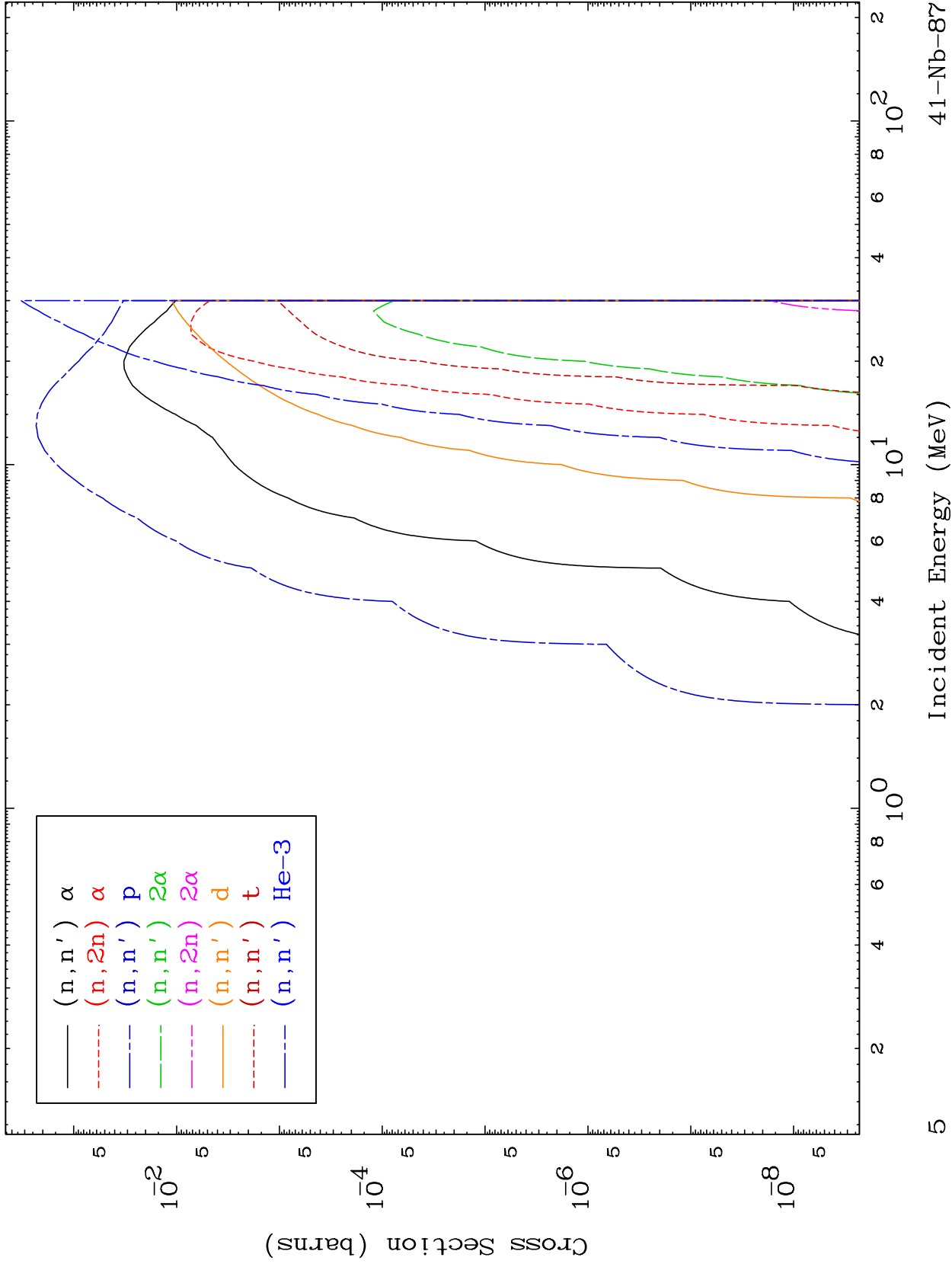
Press Mouse Button to Start

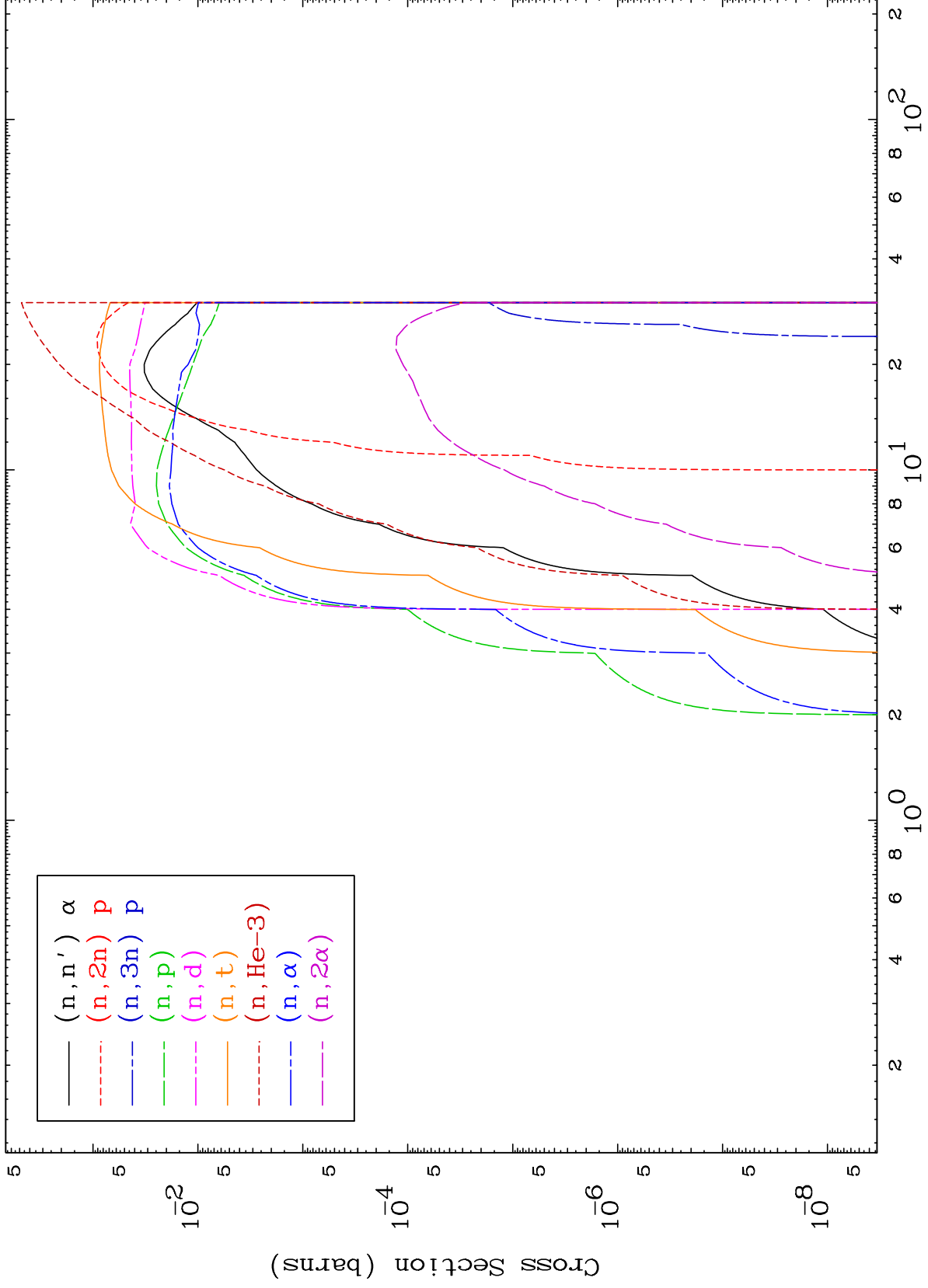


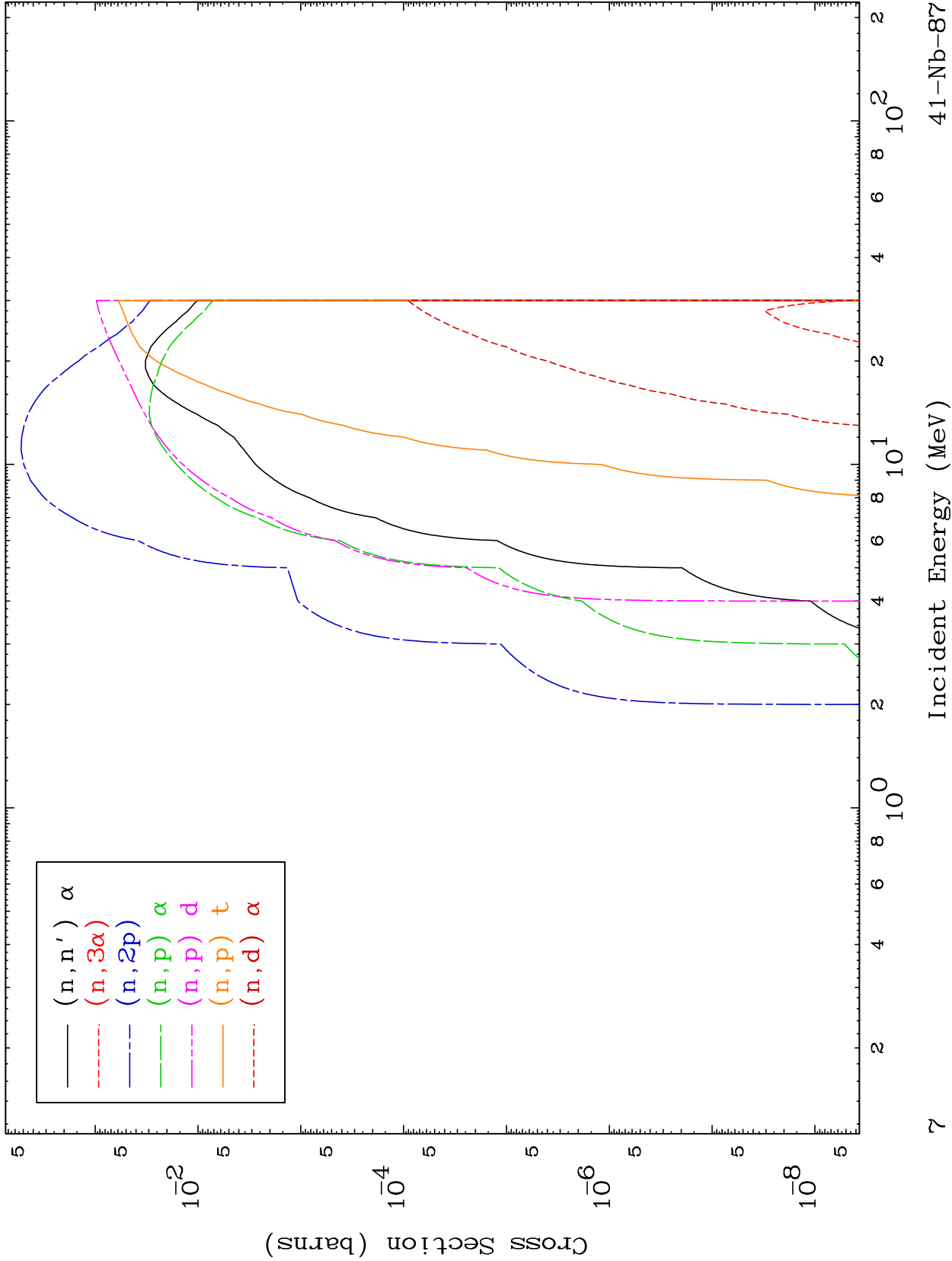


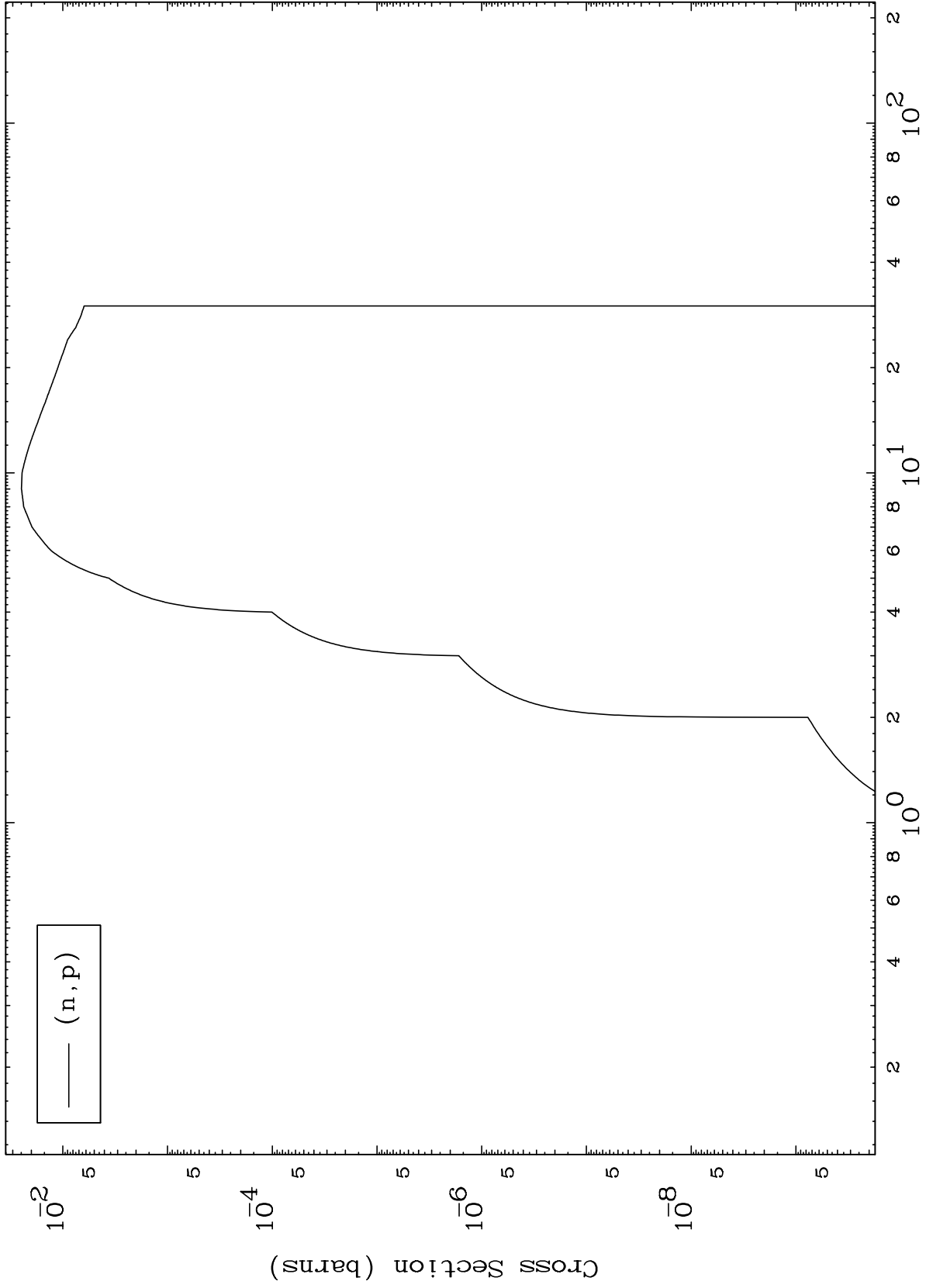


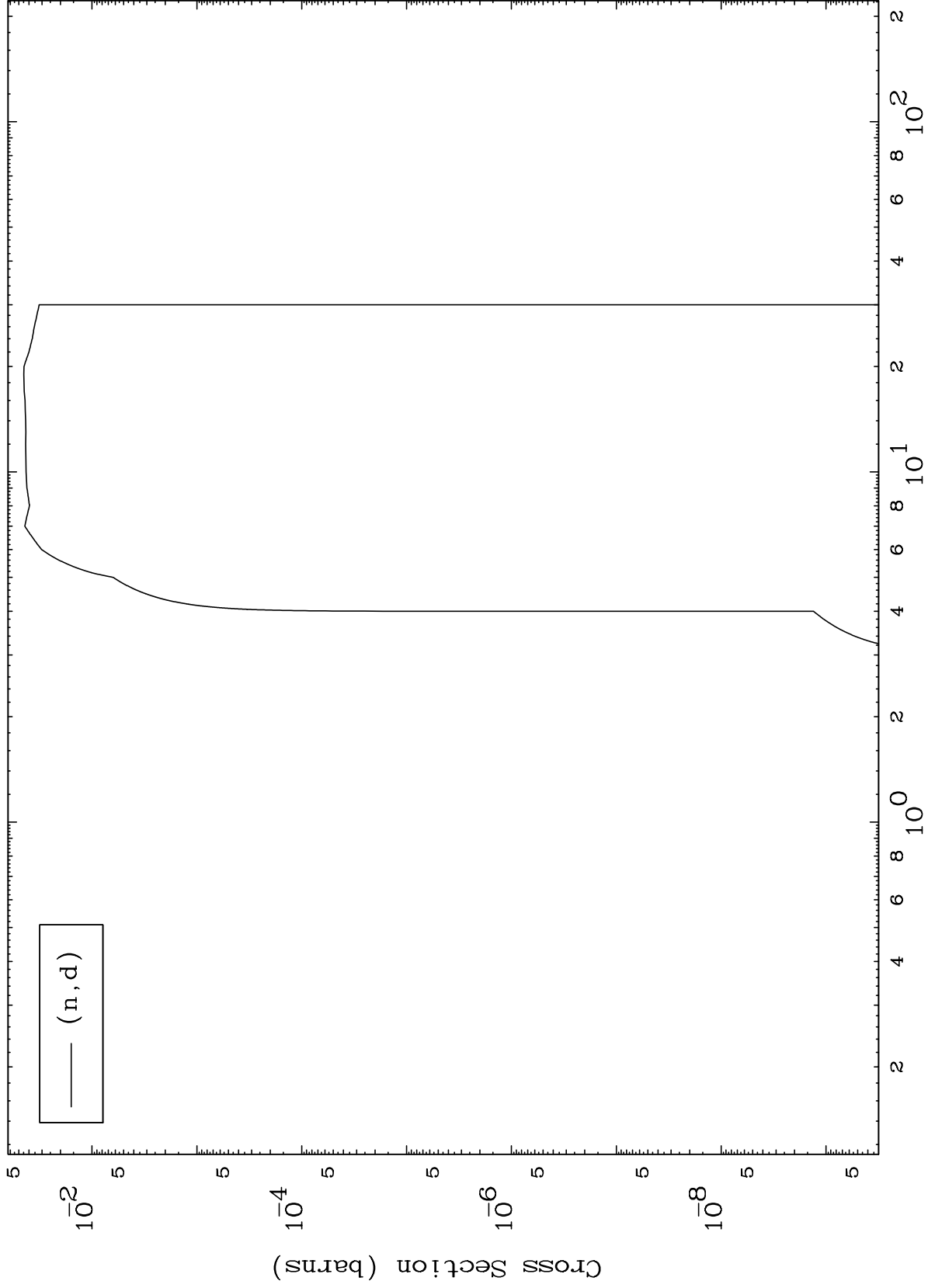








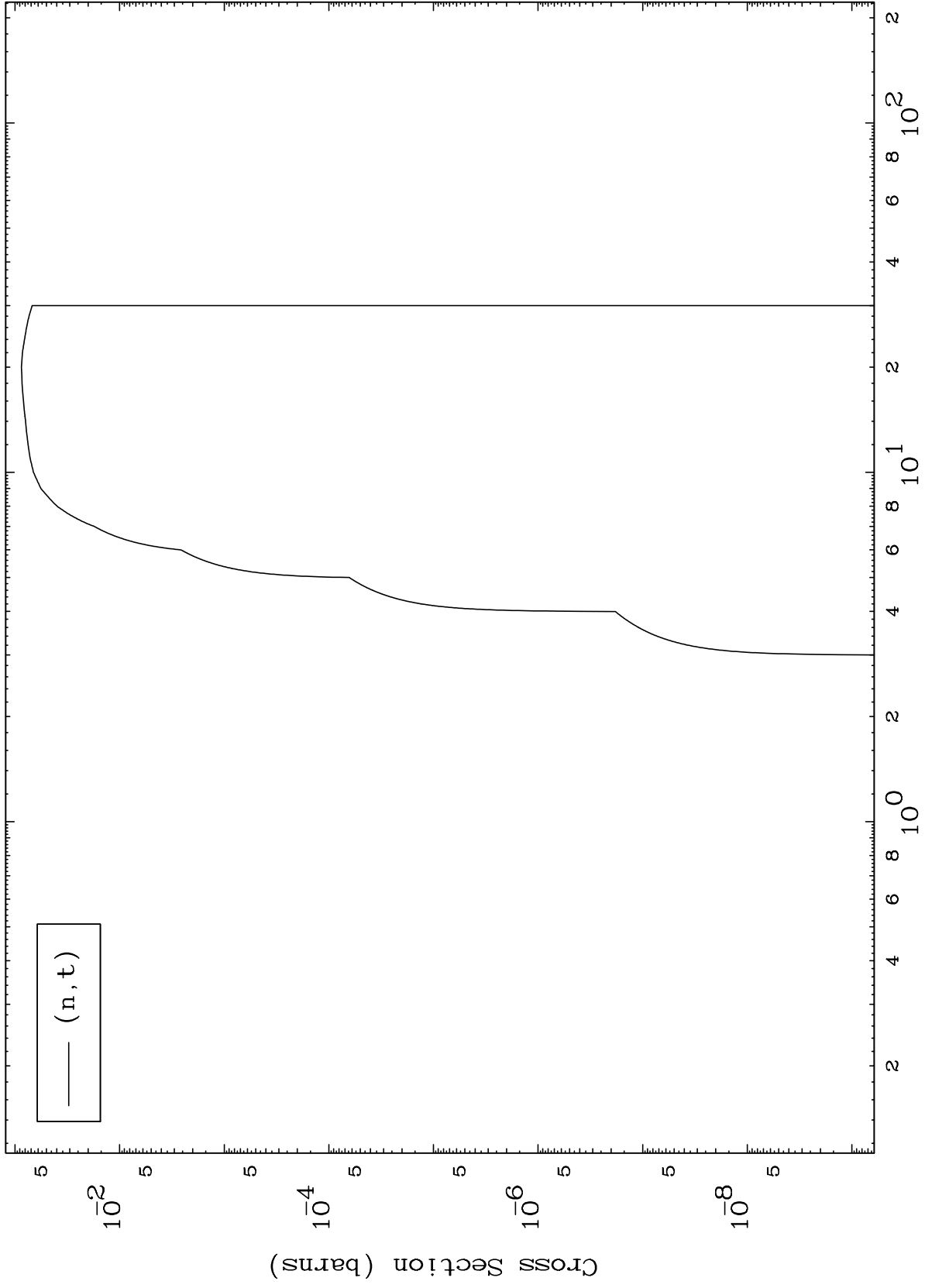




MAT 4107

(t, t) Levels  
0 Kelvin Cross Sections

41-Nb-87

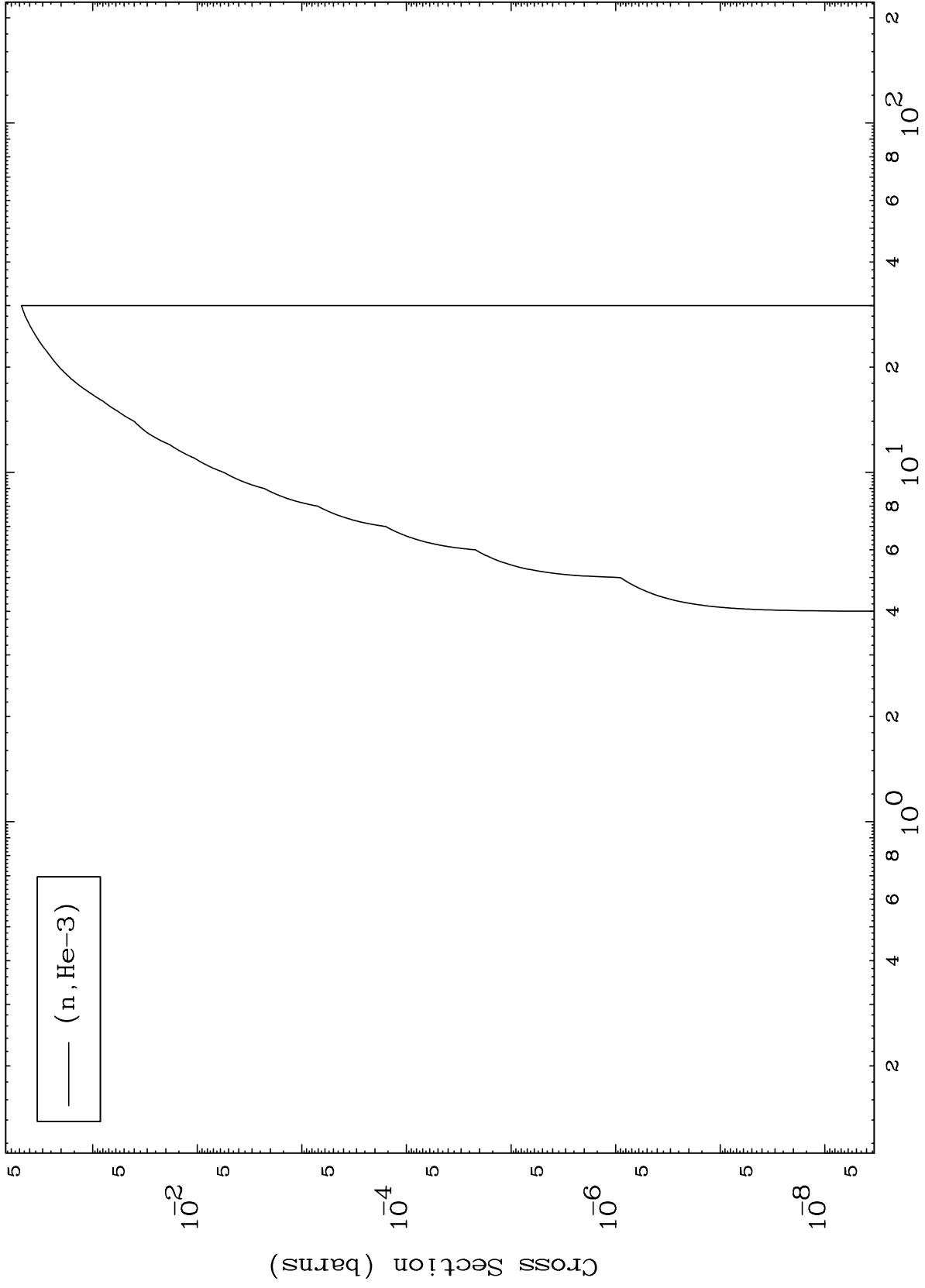


10

Incident Energy (MeV)

41-Nb-87

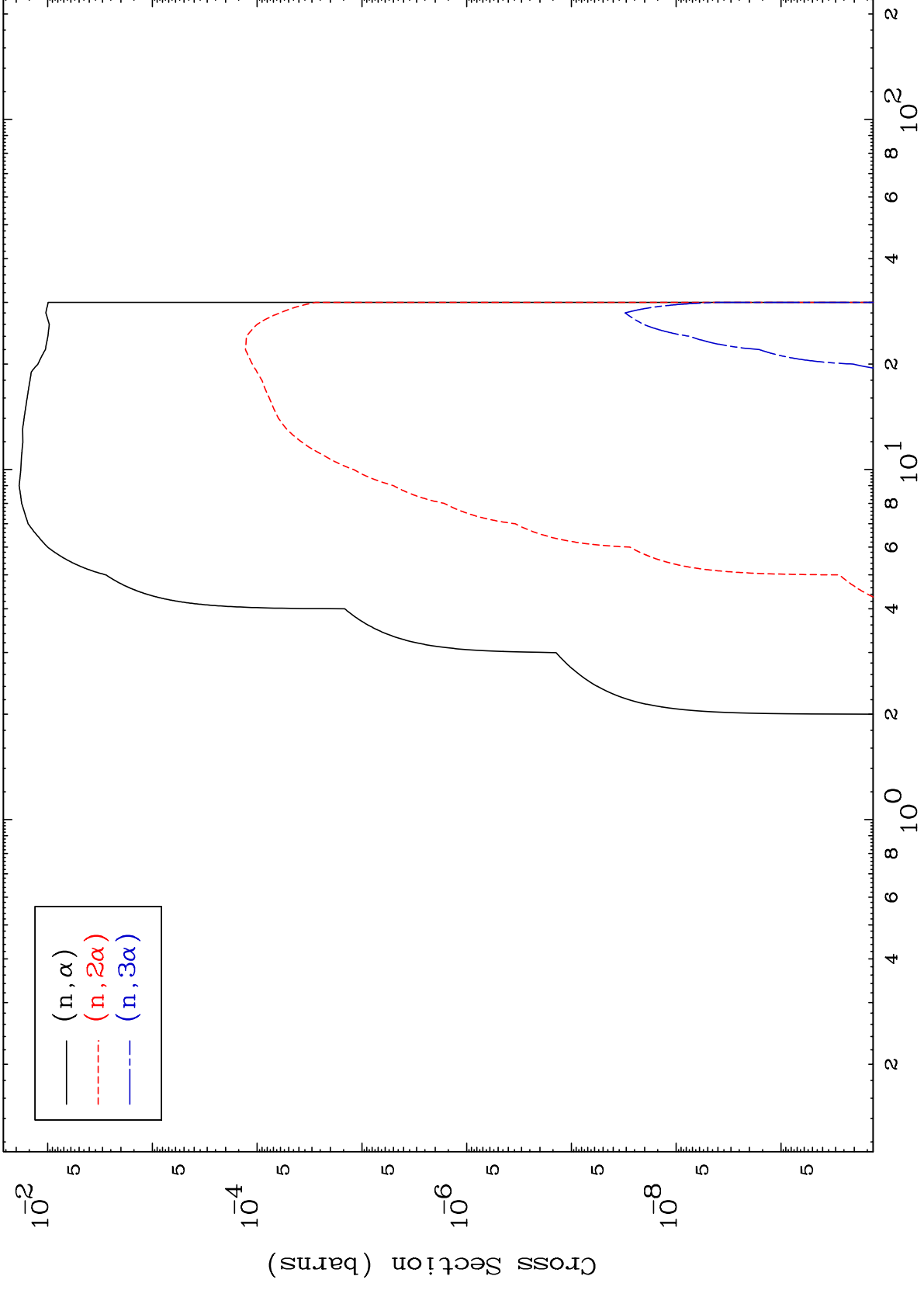
0 Kelvin Cross Sections



MAT 4107

(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

41-Nb-87



12

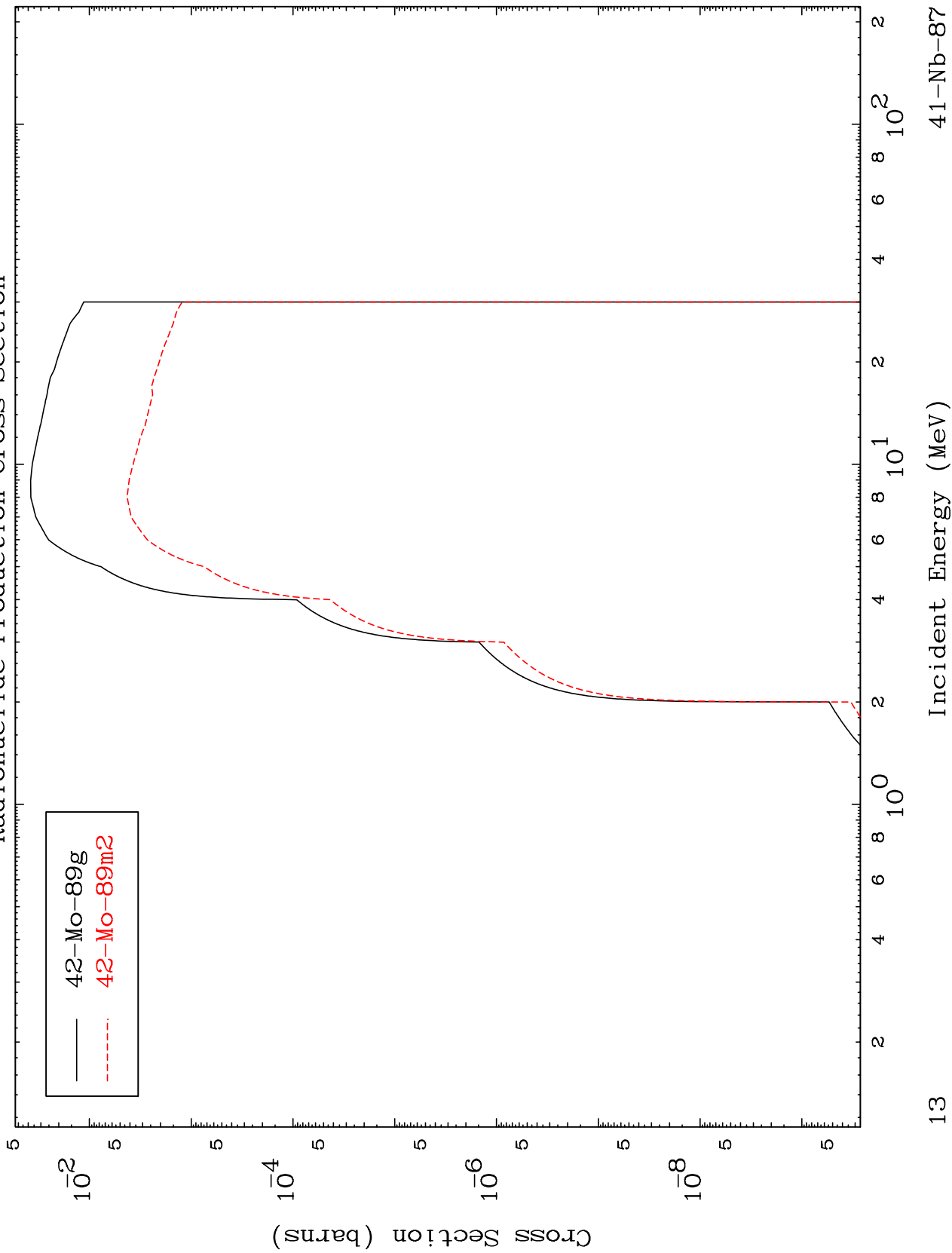
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Inelastic  
Radionuclide Production Cross Section

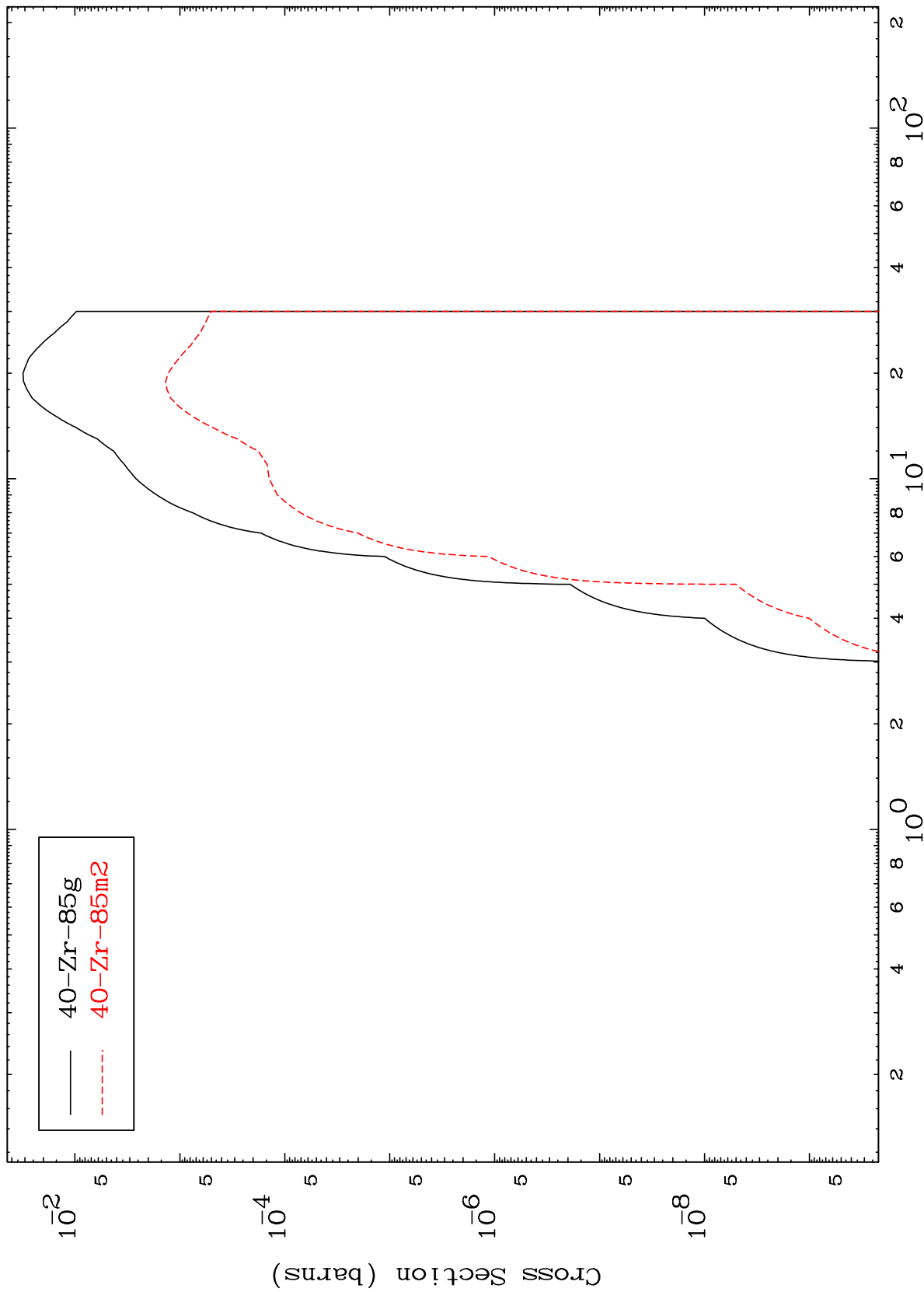


MAT 4107

$(n, n')$   $\alpha$

41-Nb-87

Radionuclide Production Cross Section



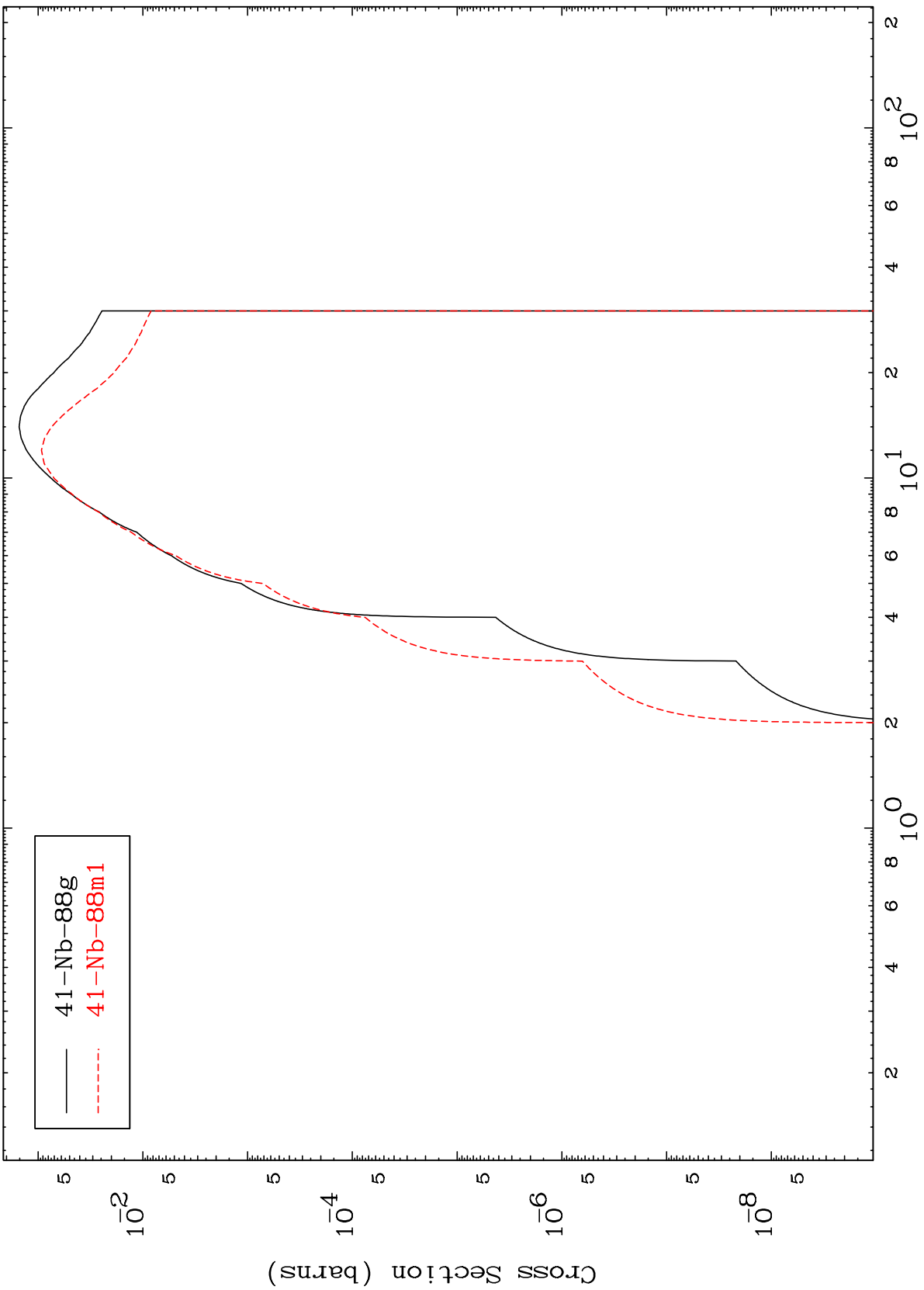
— 40-Zr-85g  
- - - 40-Zr-85m2

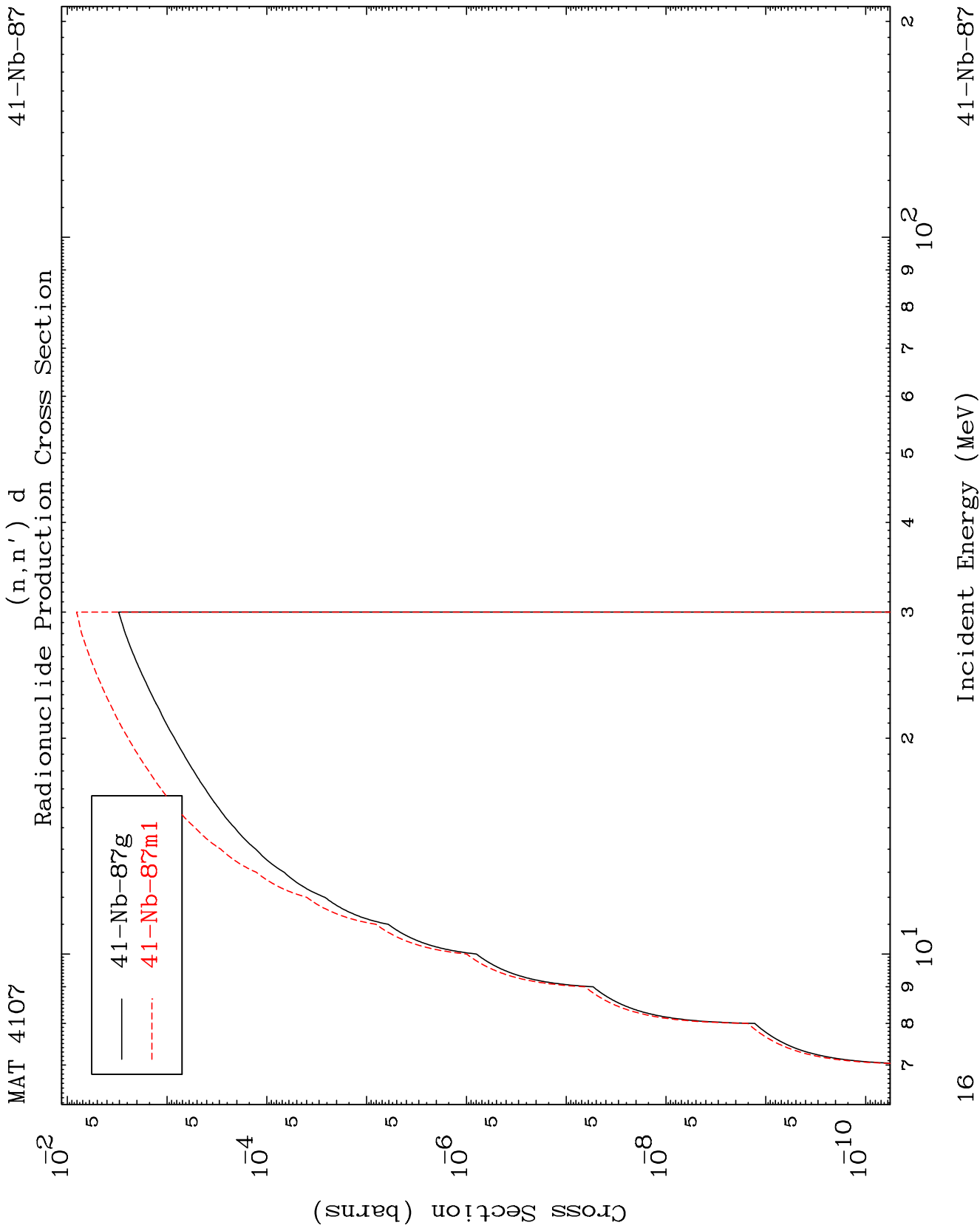
MAT 4107

(n,n') p

41-Nb-87

Radionuclide Production Cross Section



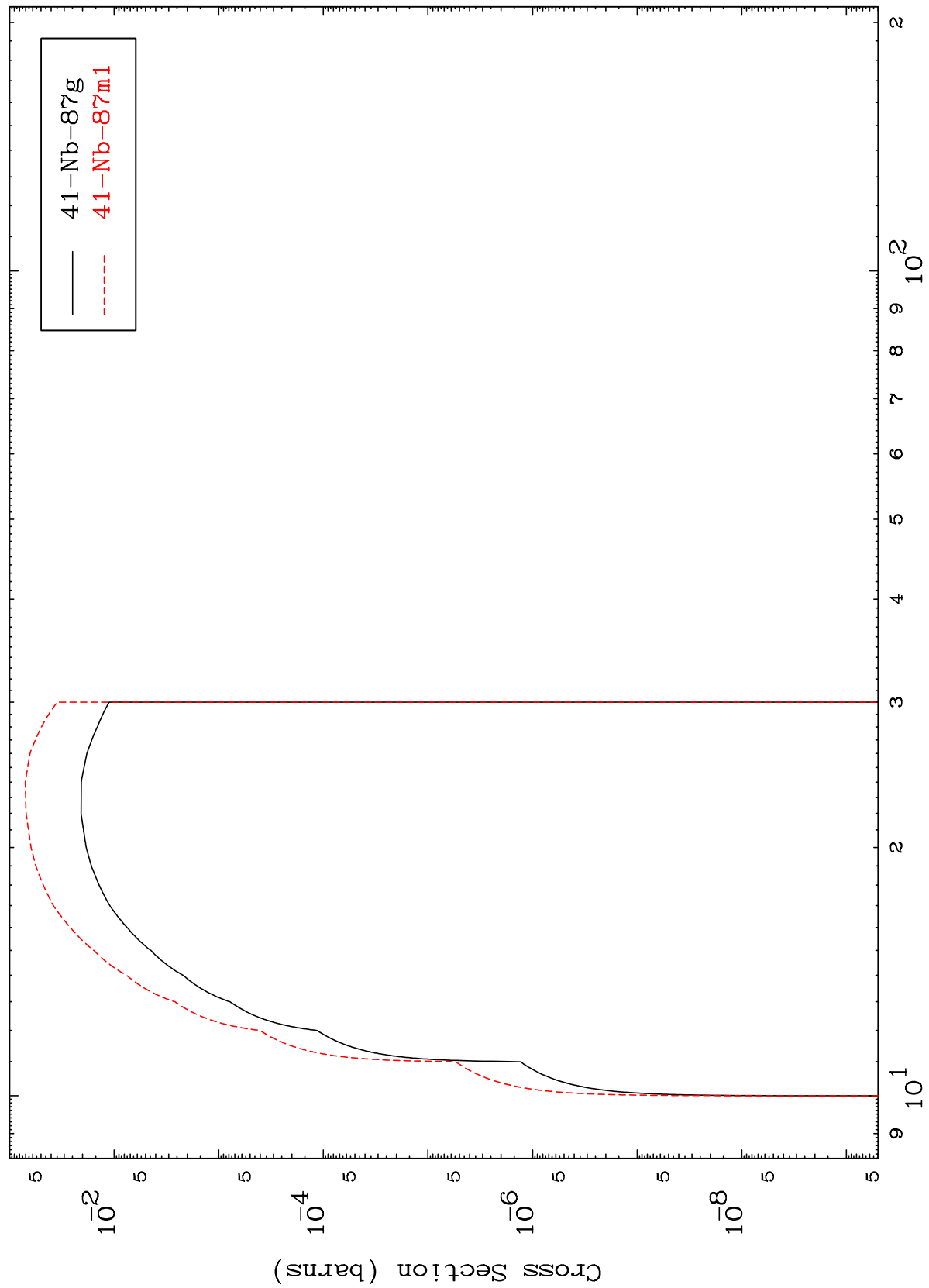


MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

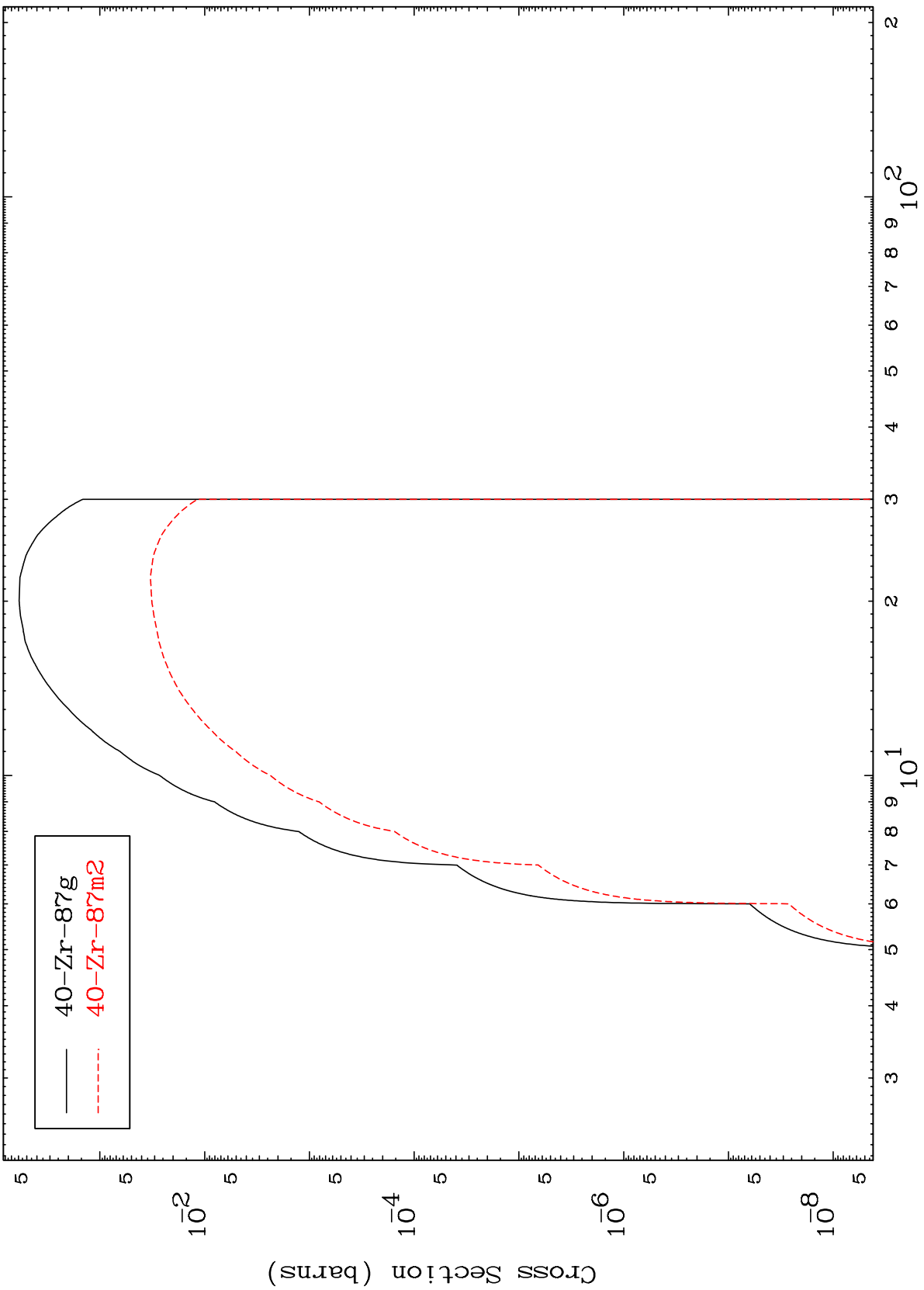
41-Nb-87

MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

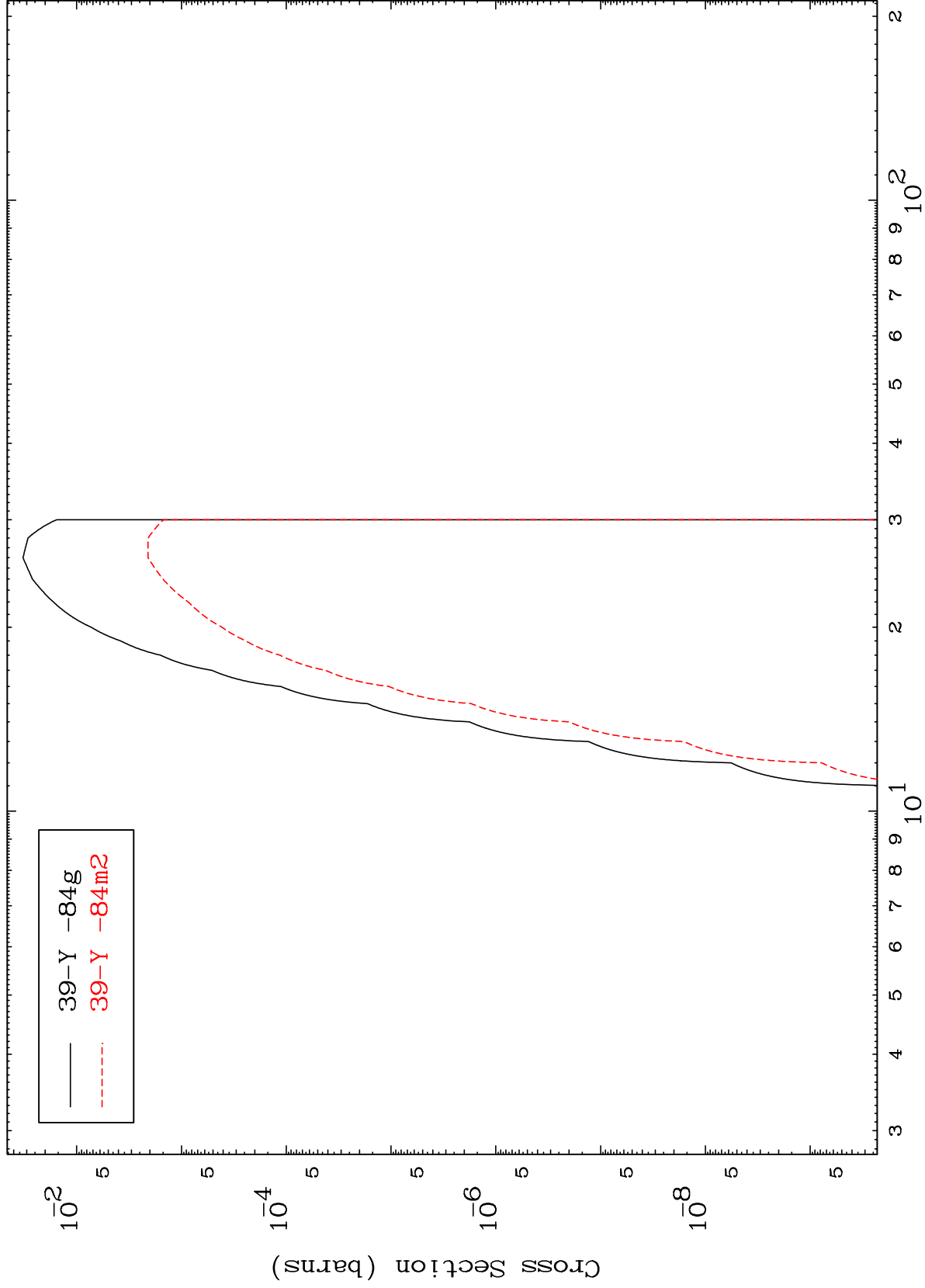
41-Nb-87

MAT 4107

(n,n') p  $\alpha$

41-Nb-87

Radionuclide Production Cross Section



19

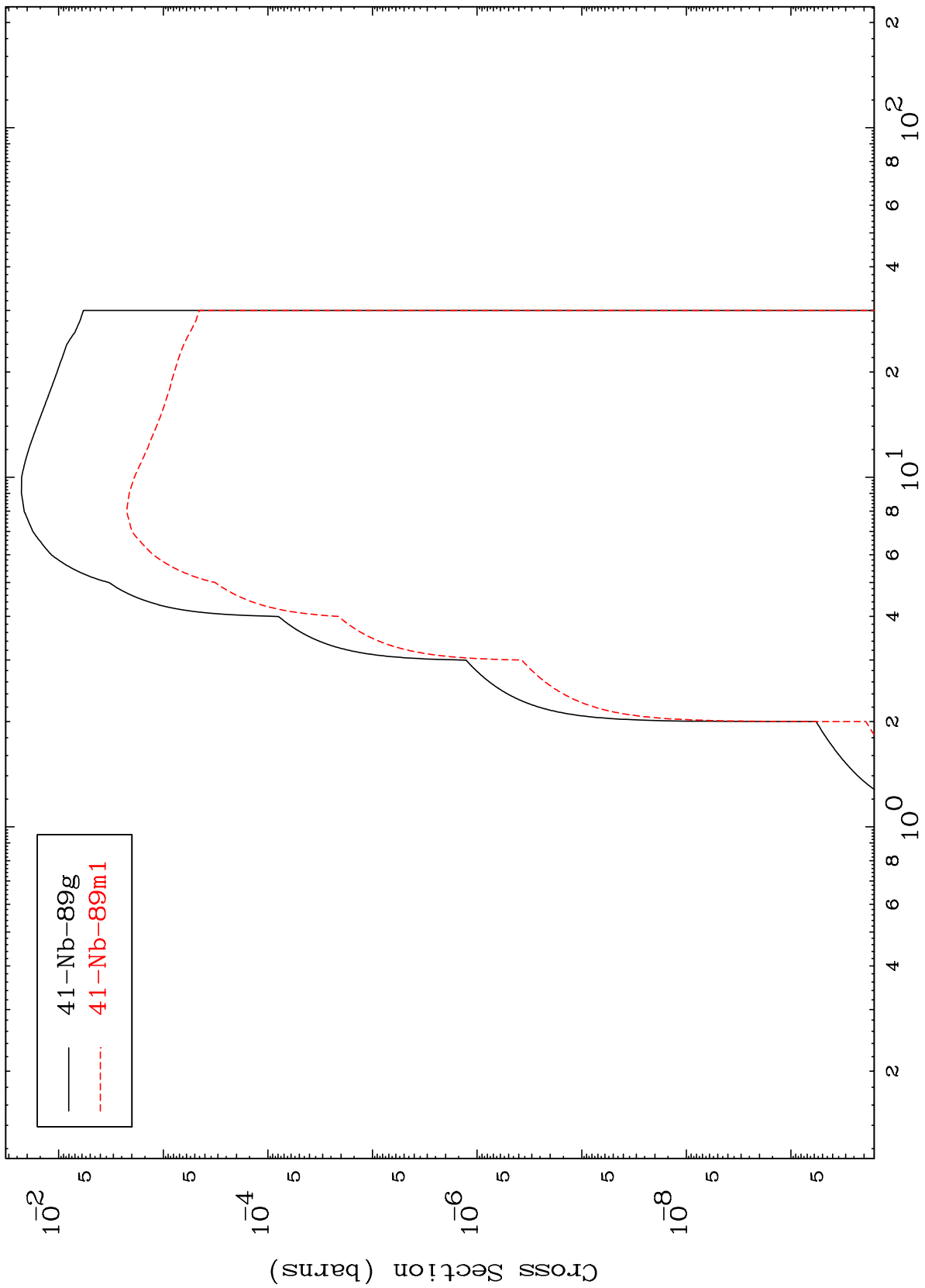
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

(n,p)  
Radionuclide Production Cross Section

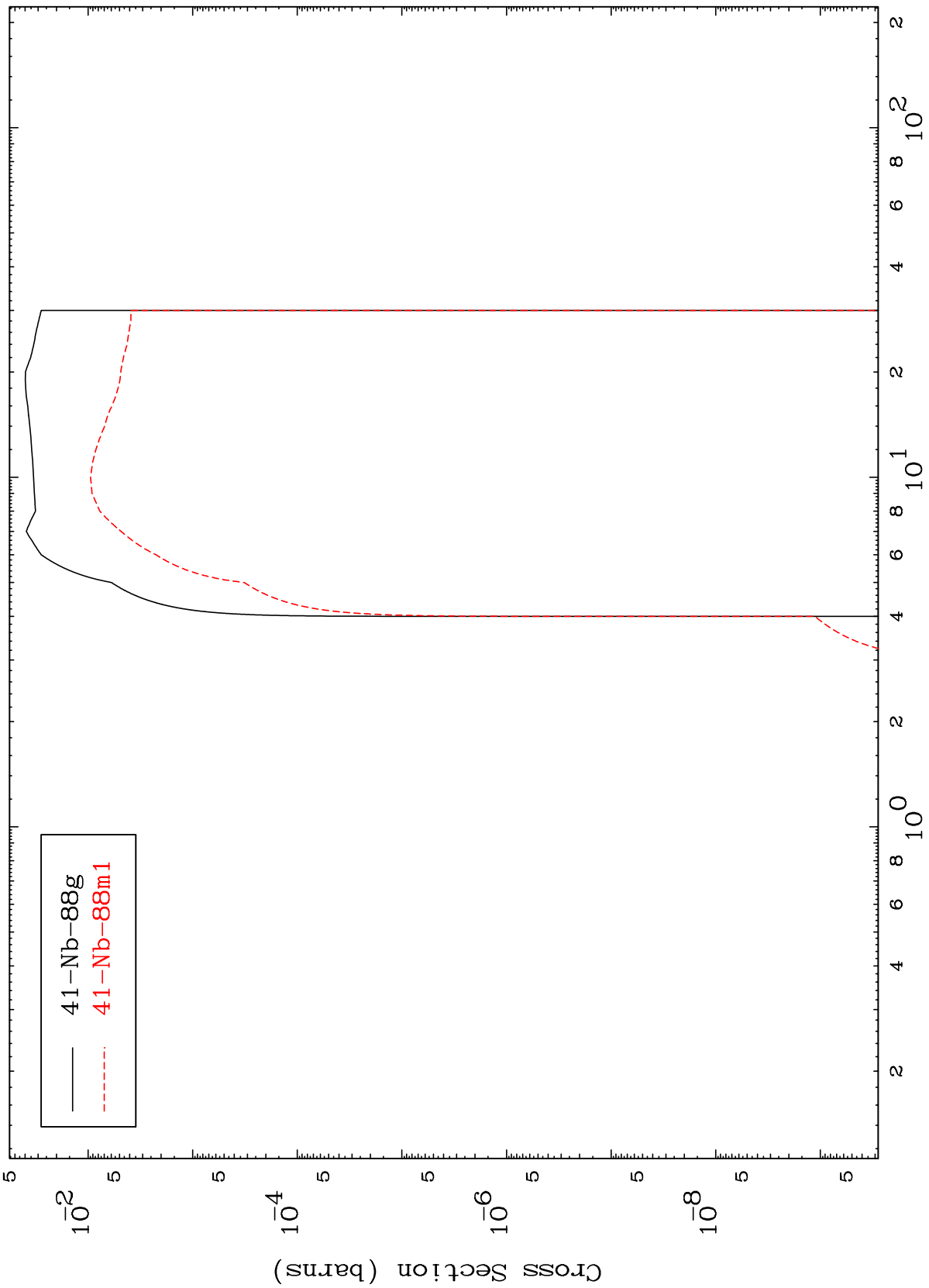


— 41-Nb-89g  
- - - 41-Nb-89m1

MAT 4107

41-Nb-87

(n,d)  
Radionuclide Production Cross Section



— 41-Nb-88g  
- - - 41-Nb-88m1

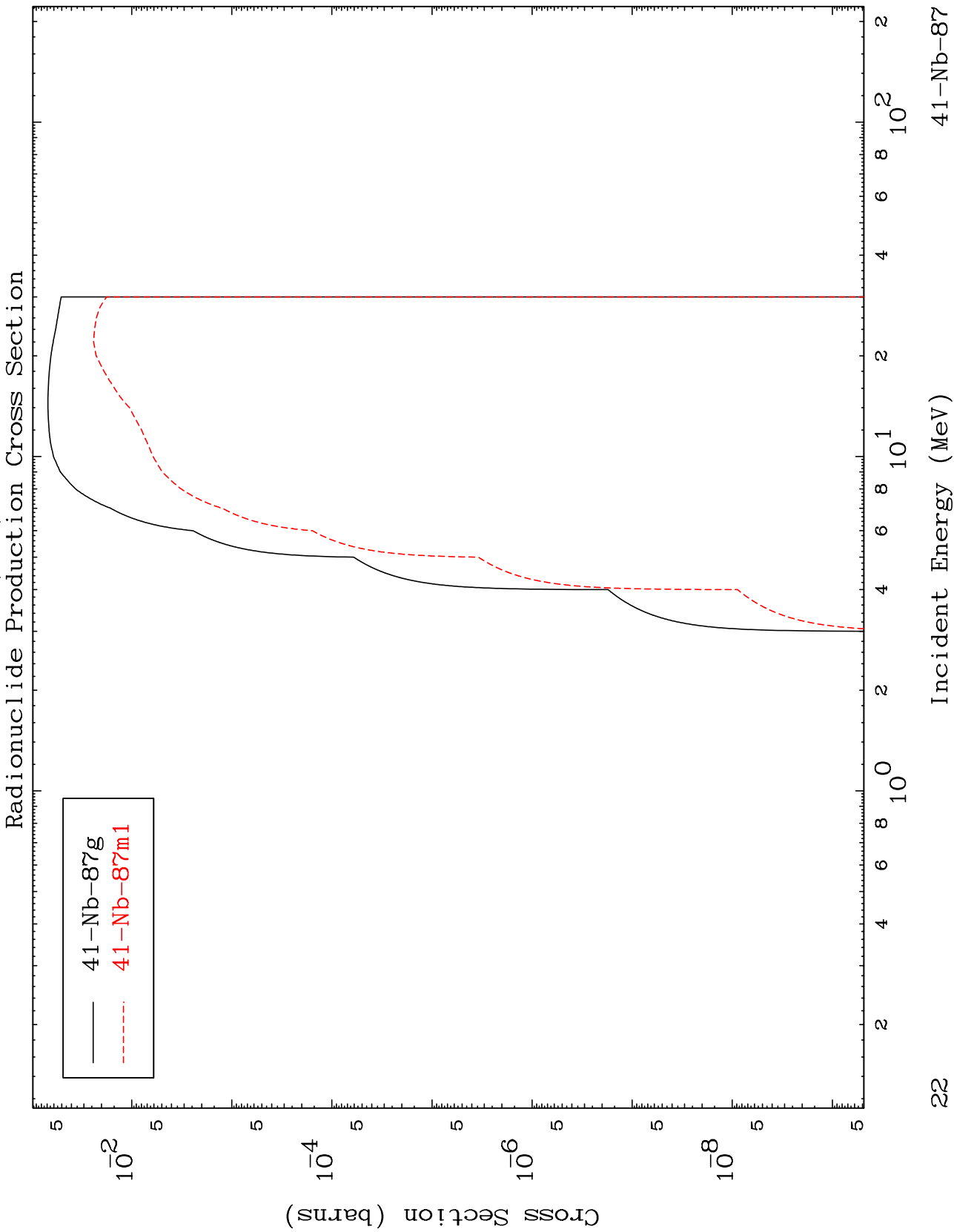
41-Nb-87

Incident Energy (MeV)

21

MAT 4107

41-Nb-87



41-Nb-87

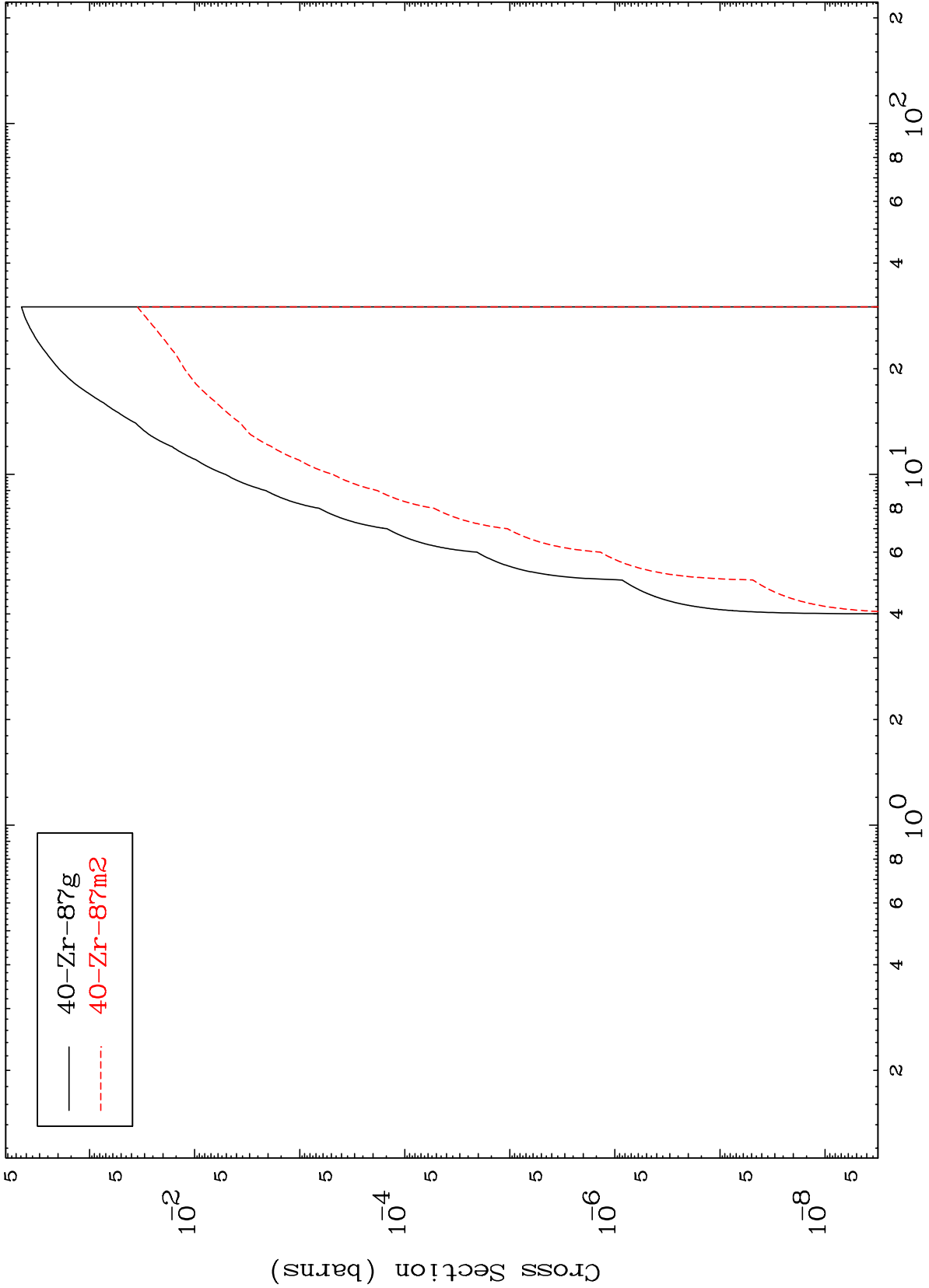
Incident Energy (MeV)

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



40-Zr-87g  
40-Zr-87m2

Incident Energy (MeV)

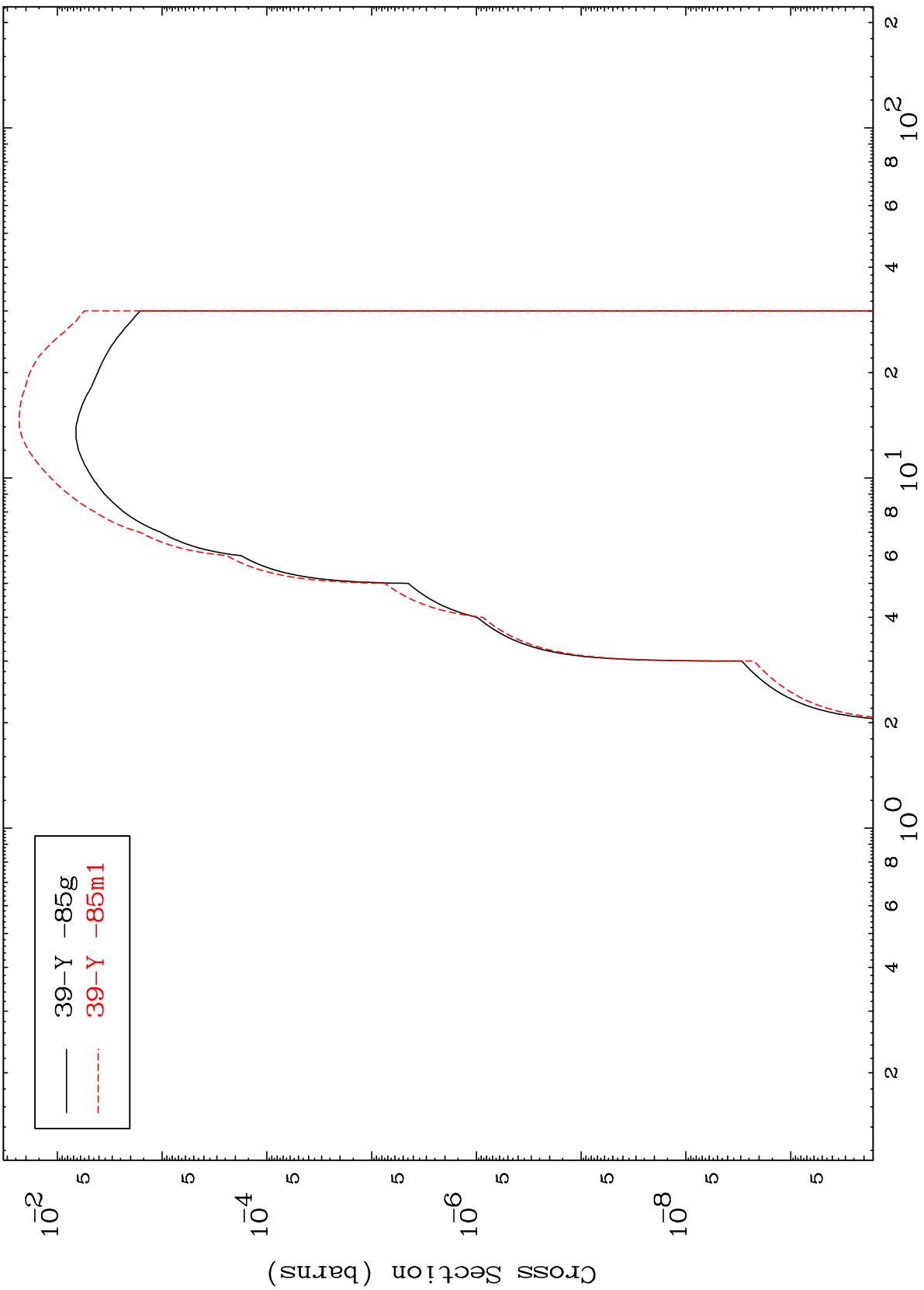
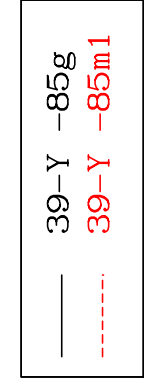
41-Nb-87

MAT 4107

(n,p)  $\alpha$

41-Nb-87

Radionuclide Production Cross Section

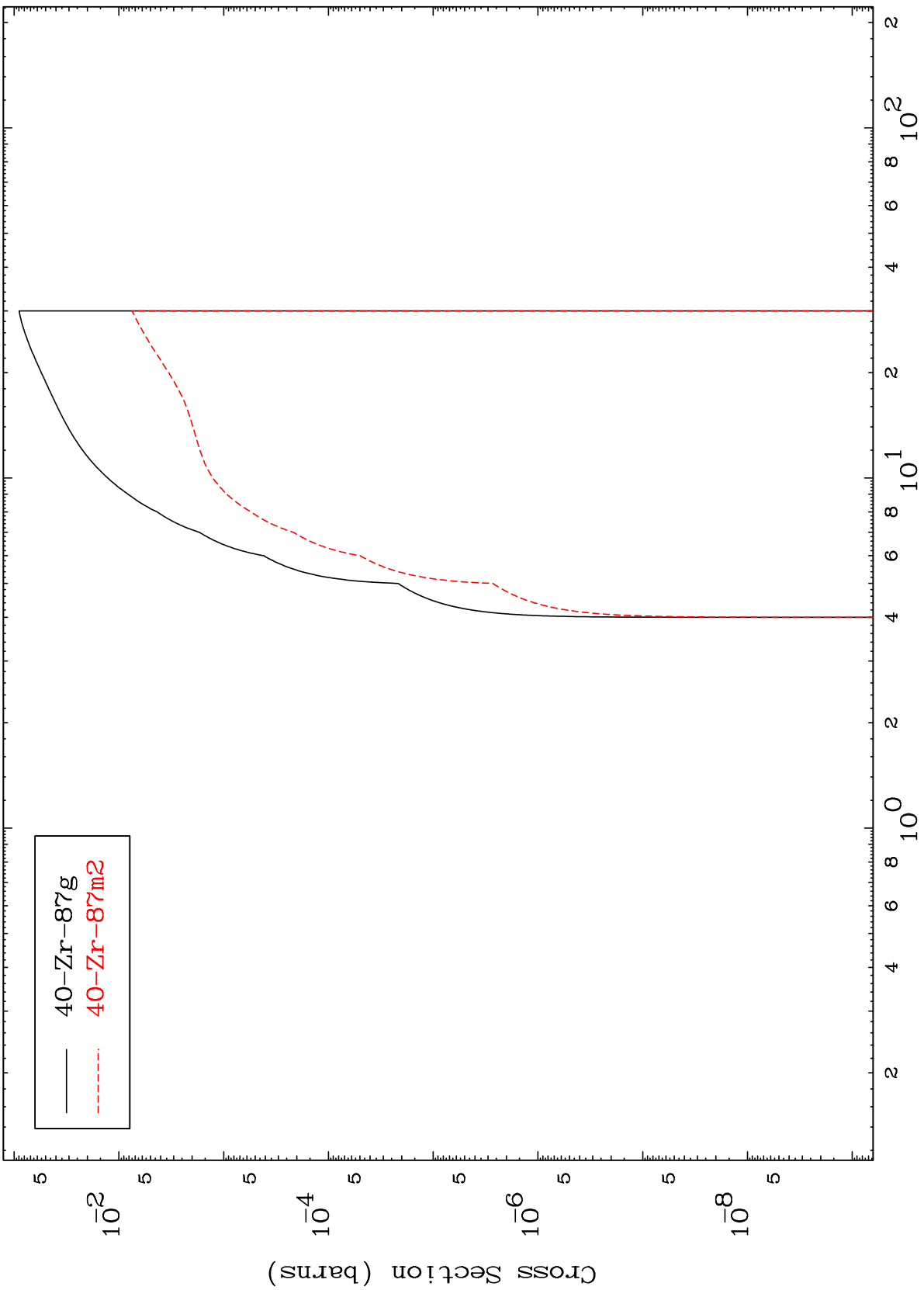


MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



— 40-Zr-87g  
- - - 40-Zr-87m2

25

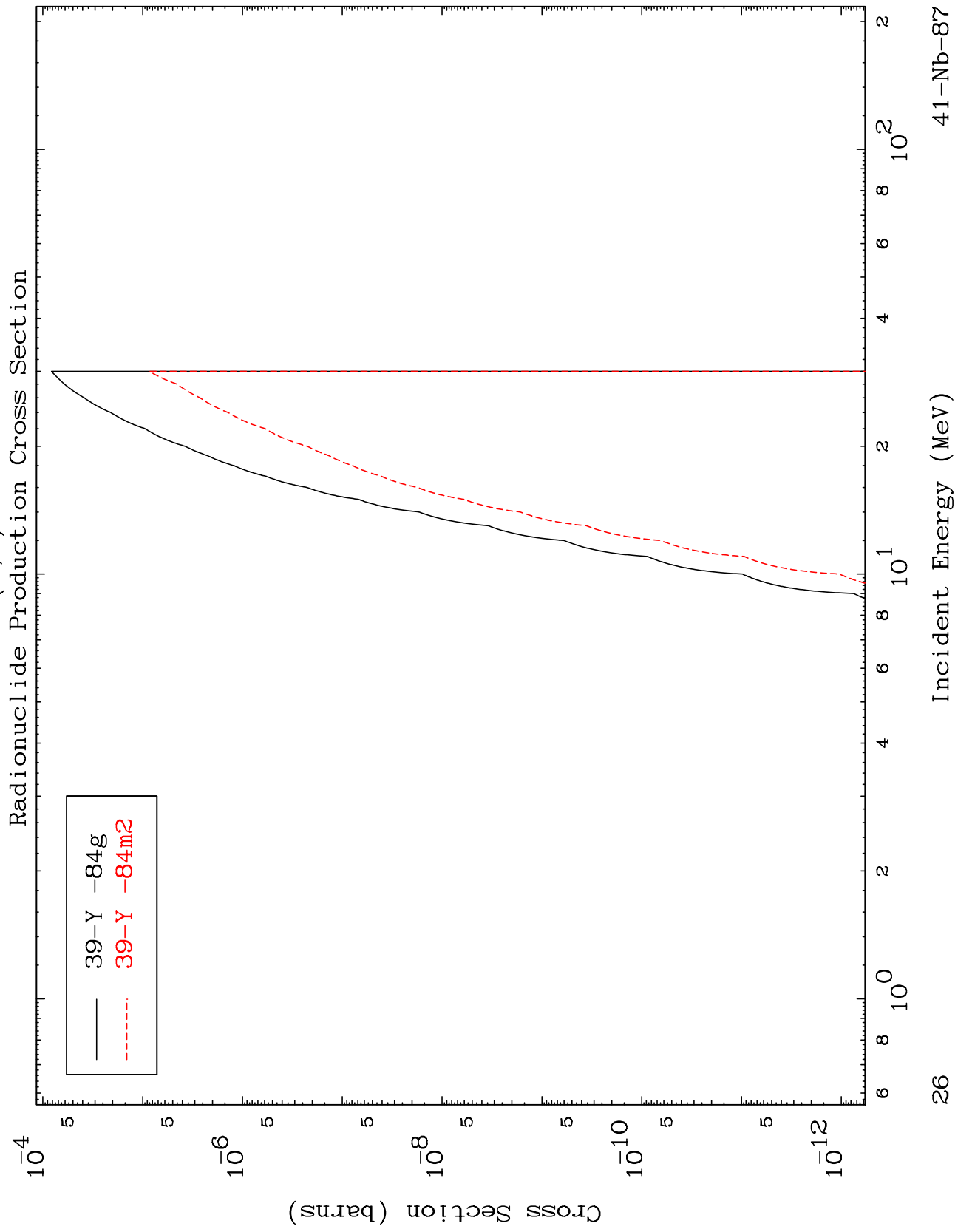
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,d)  $\alpha$

41-Nb-87



26