

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

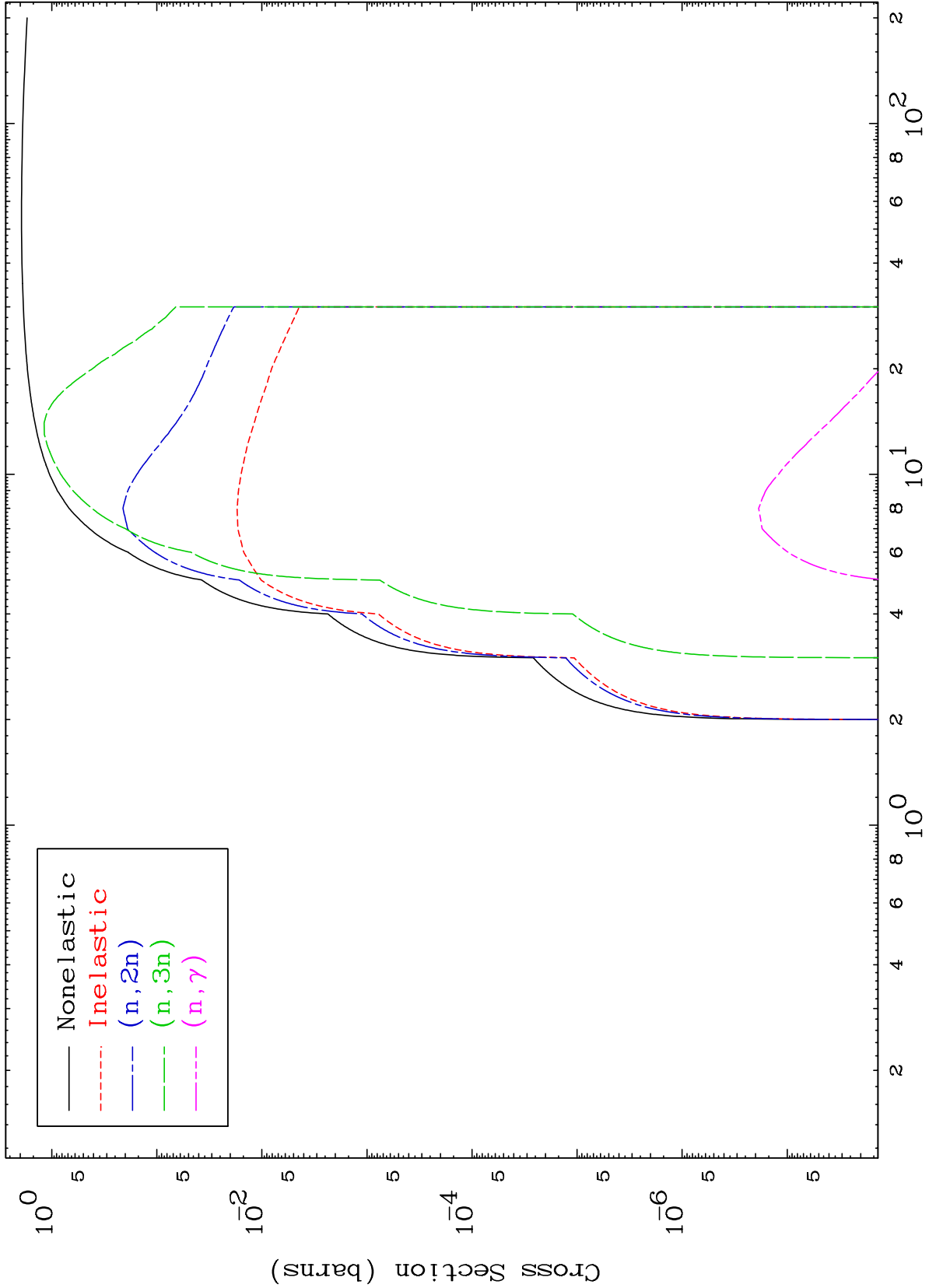
Press Mouse Button to Start

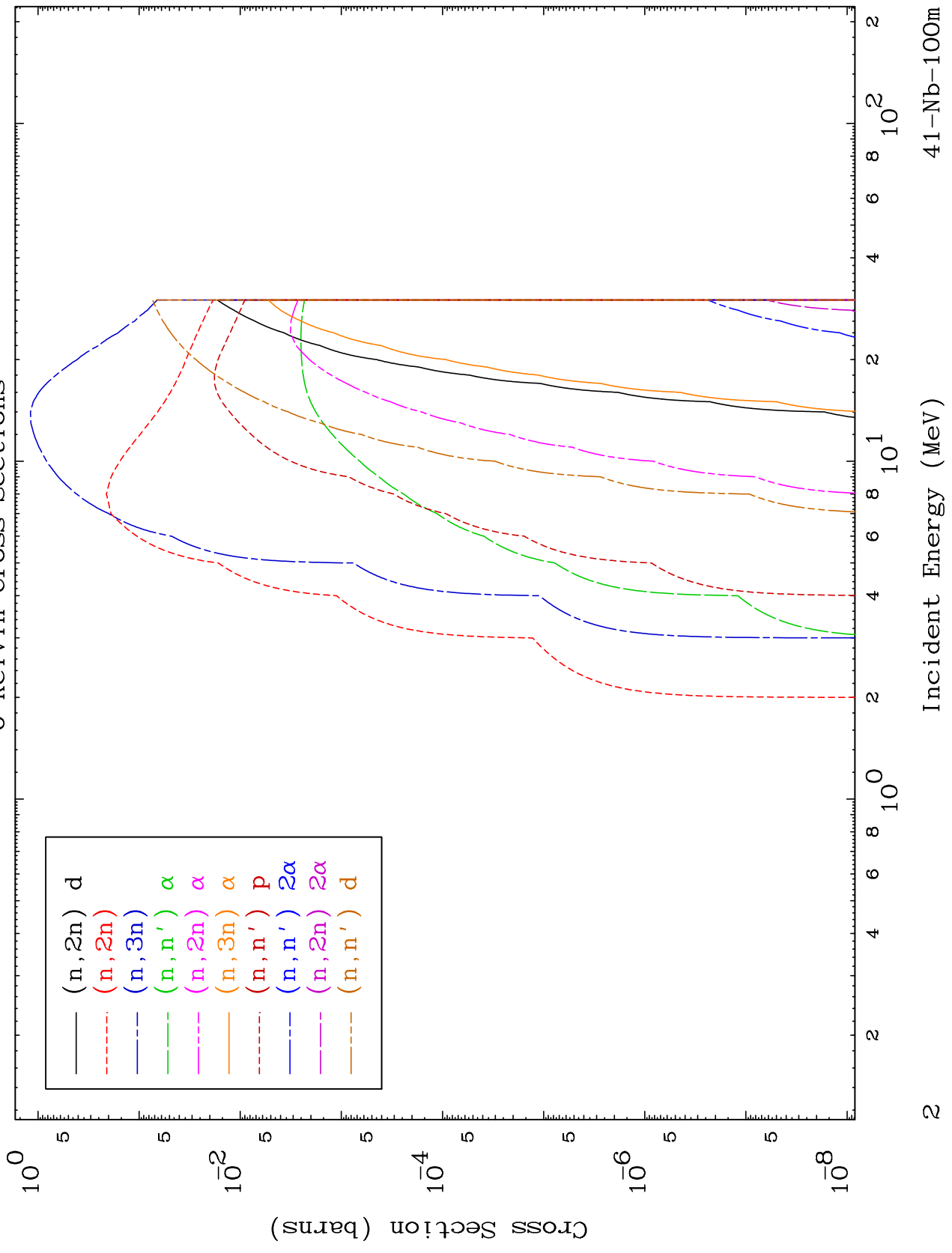
MAT 4147

Triton Major

41-Nb-100m

0 Kelvin Cross Sections

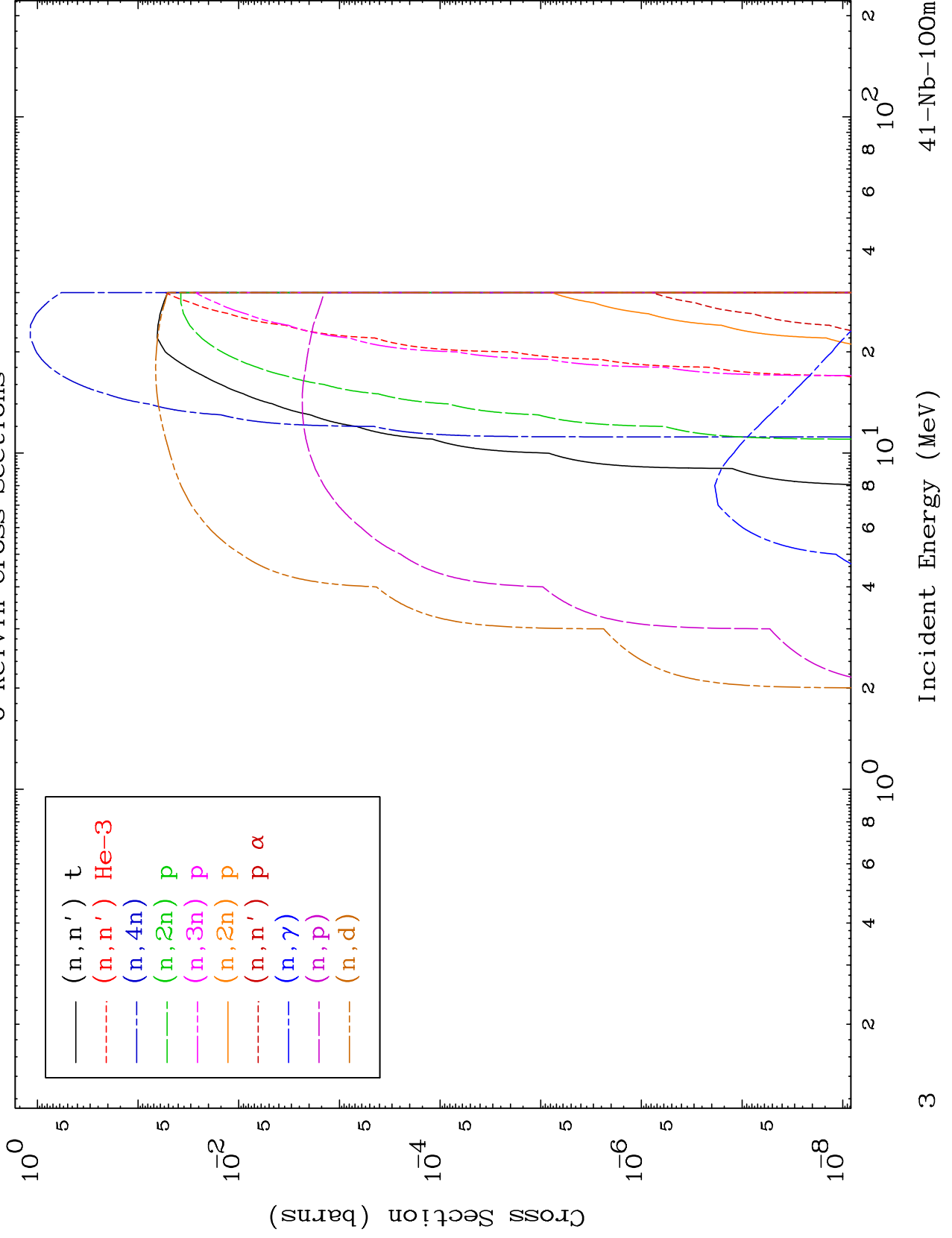


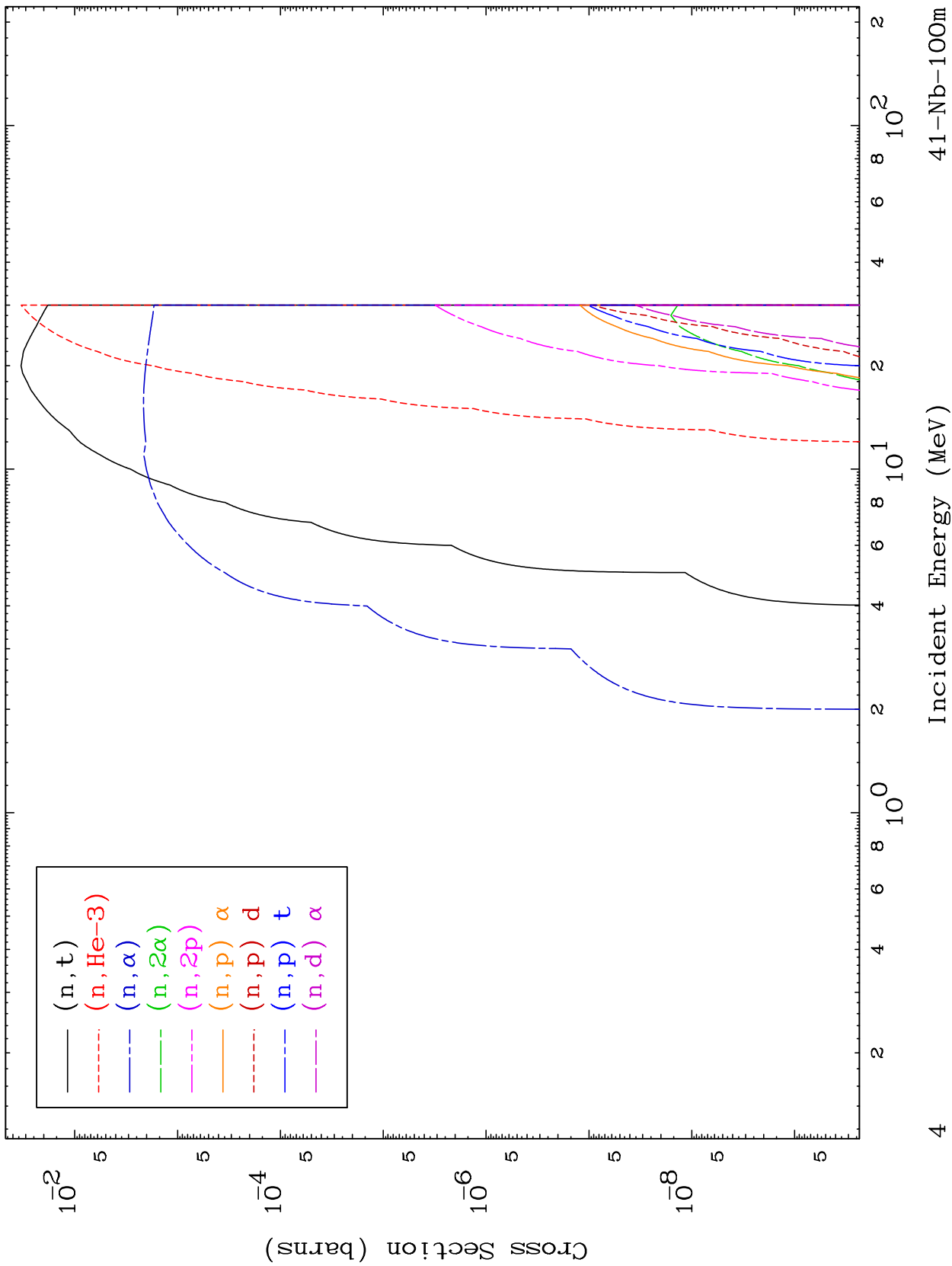


MAT 4147

Triton Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-100m

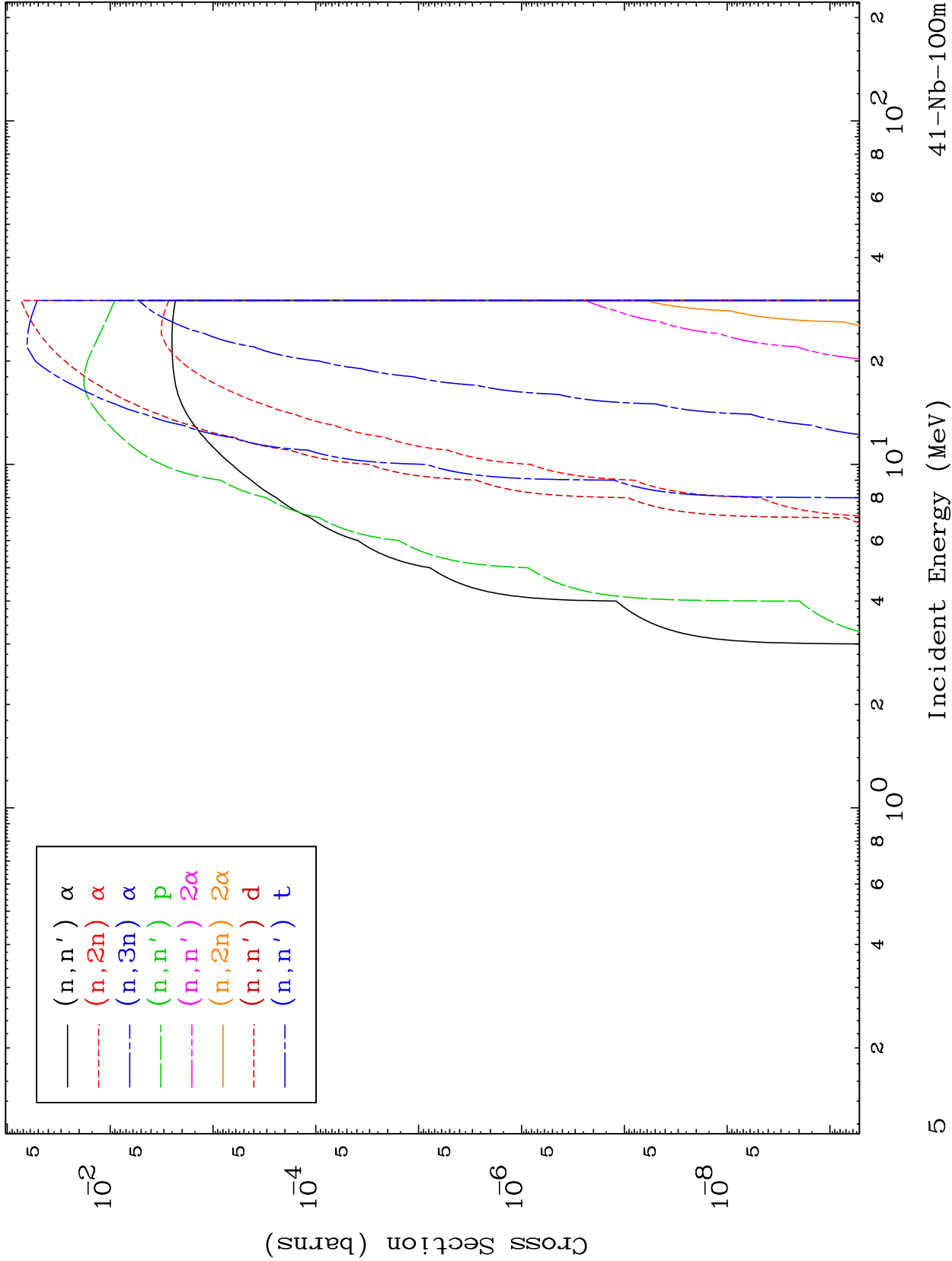




MAT 4147

Triton Charged Particle  
0 Kelvin Cross Sections

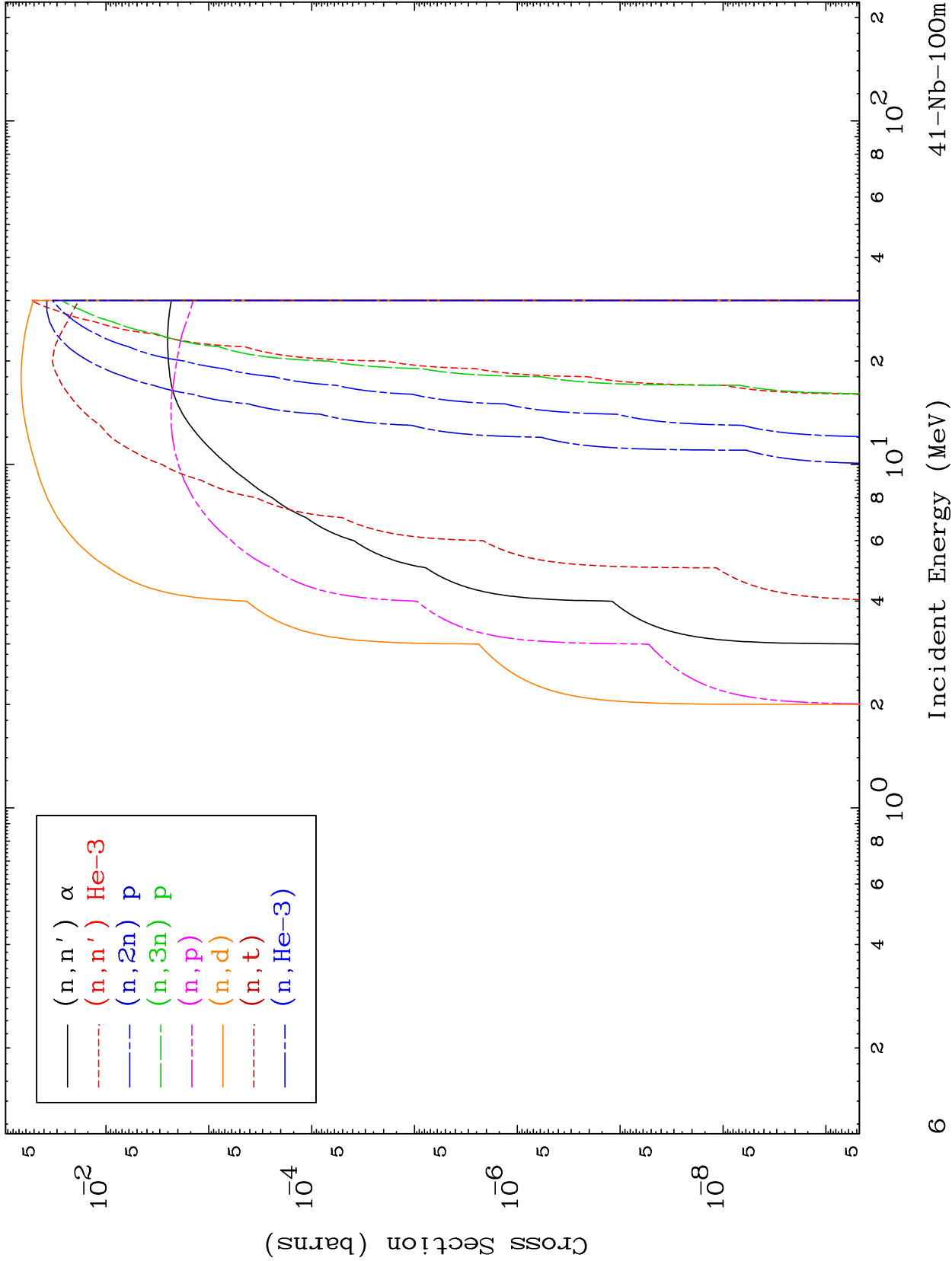
41-Nb-100m



MAT 4147

Triton Charged Particle  
0 Kelvin Cross Sections

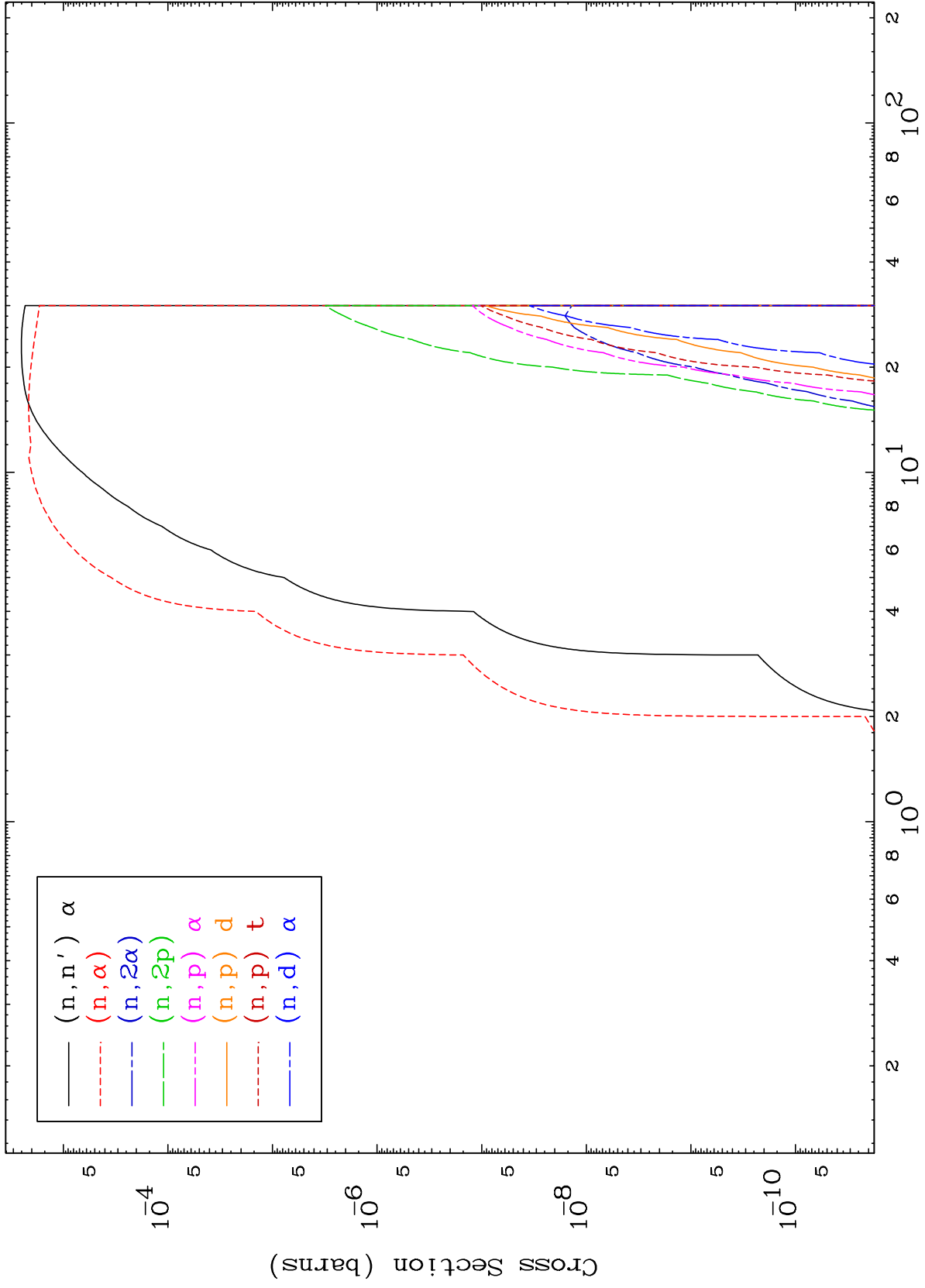
41-Nb-100m



MAT 4147

Triton Charged Particle  
0 Kelvin Cross Sections

41-Nb-100m



Incident Energy (MeV)

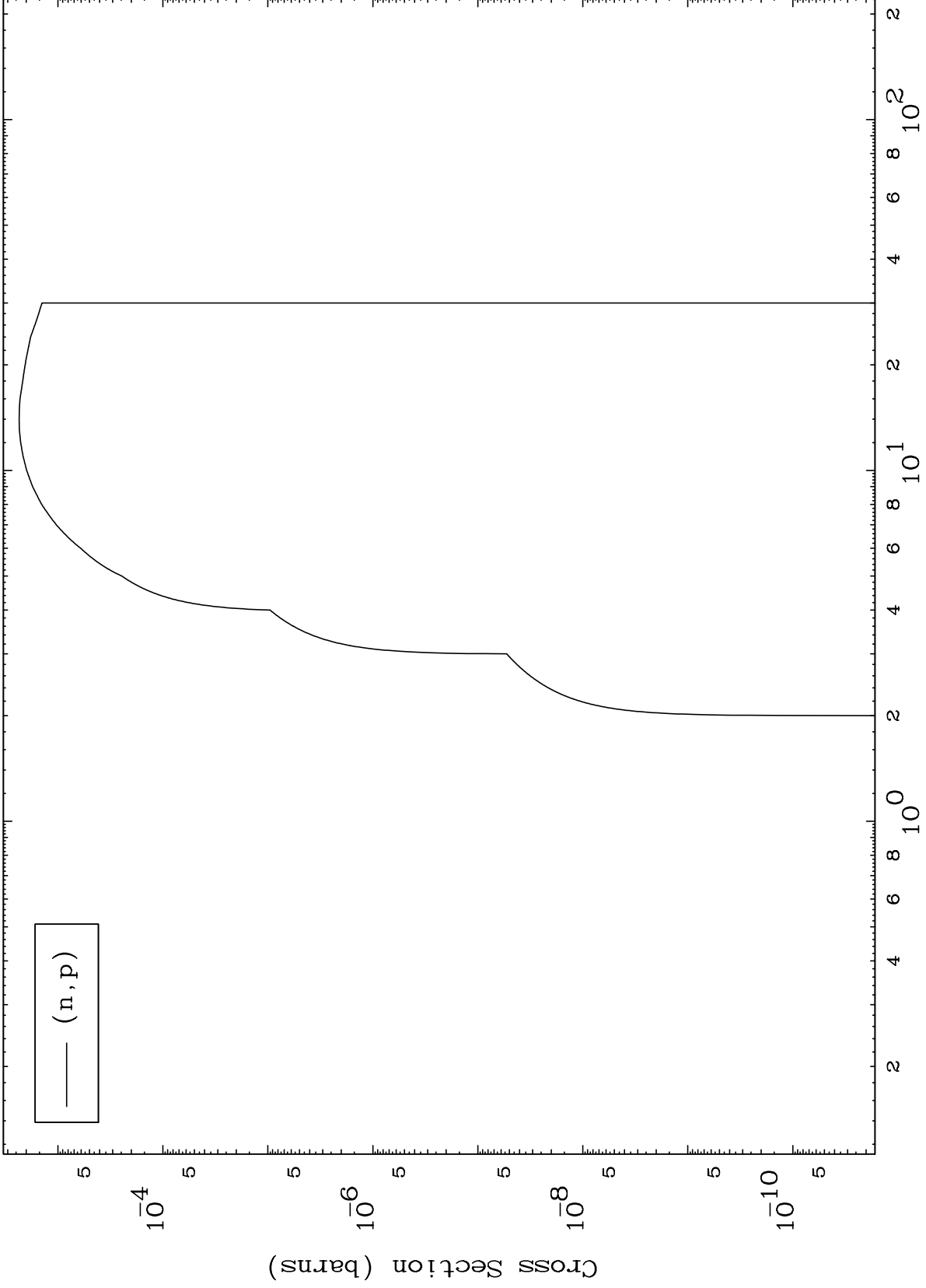
41-Nb-100m

MAT 4147

(t,p) Levels

41-Nb-100m

0 Kelvin Cross Sections

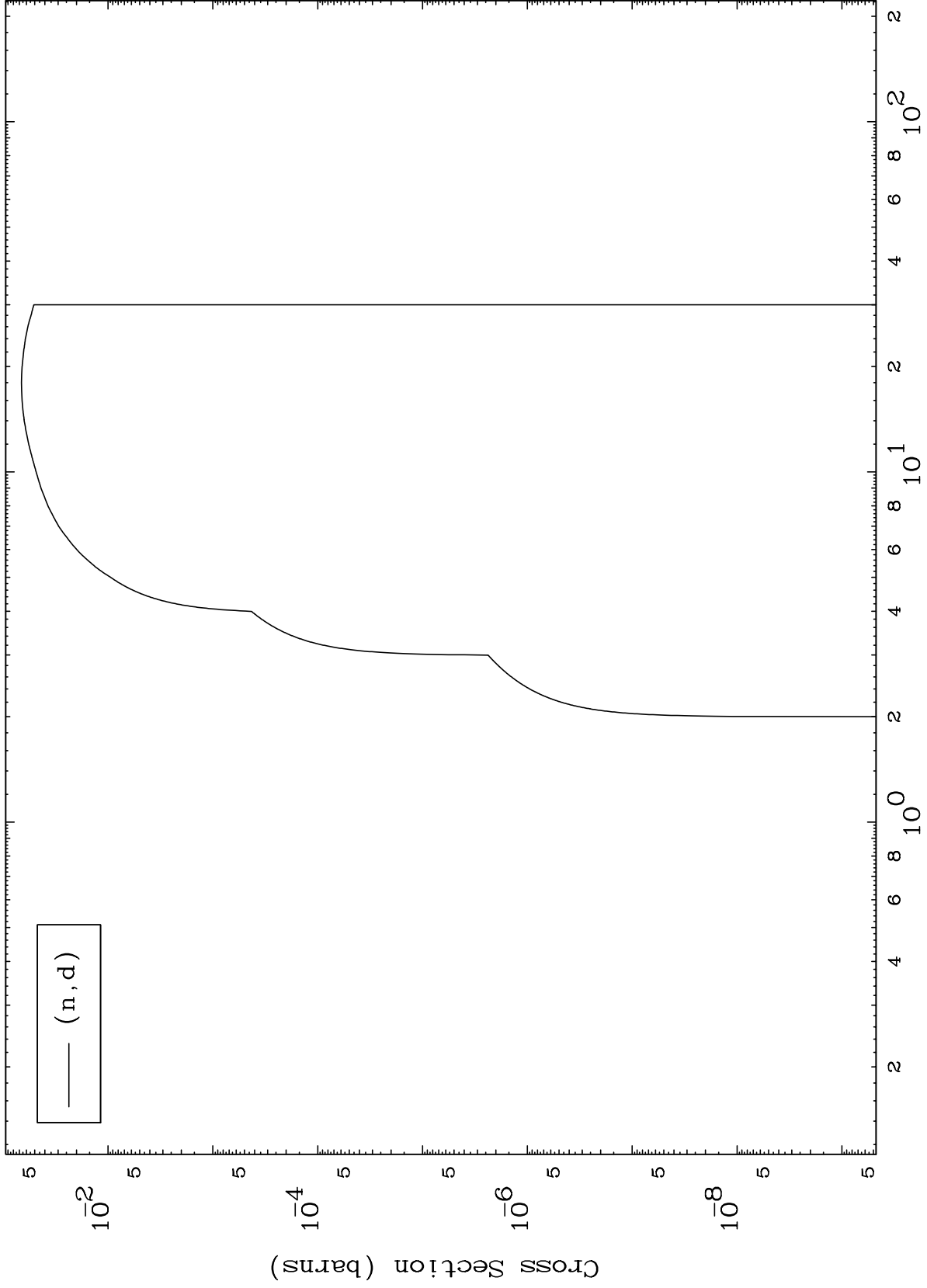


MAT 4147

(t,d) Levels

41-Nb-100m

0 Kelvin Cross Sections

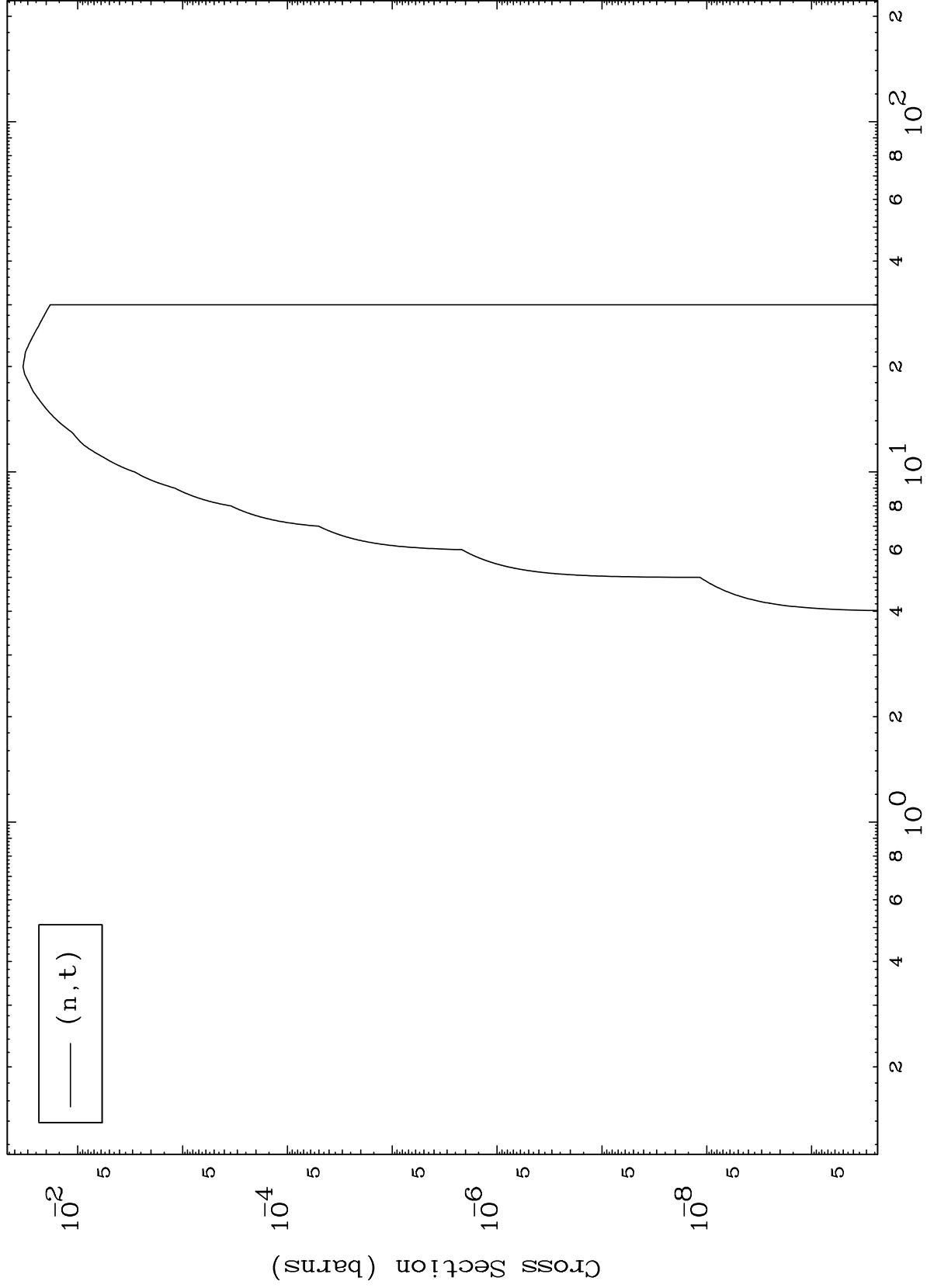


MAT 4147

(t, t) Levels

41-Nb-100m

0 Kelvin Cross Sections



10

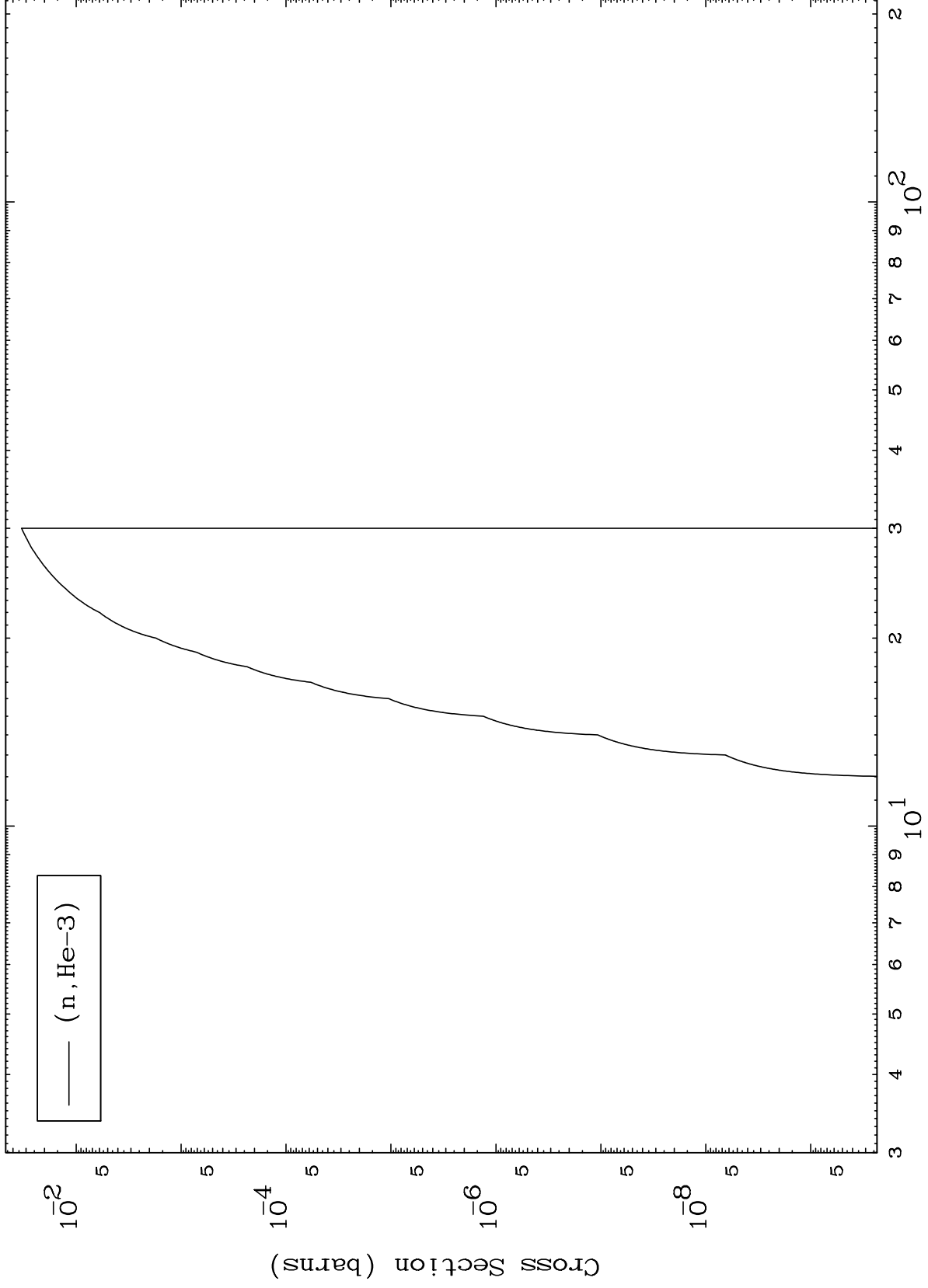
Incident Energy (MeV)

41-Nb-100m

MAT 4147

(t,He3) Levels  
0 Kelvin Cross Sections

41-Nb-100m

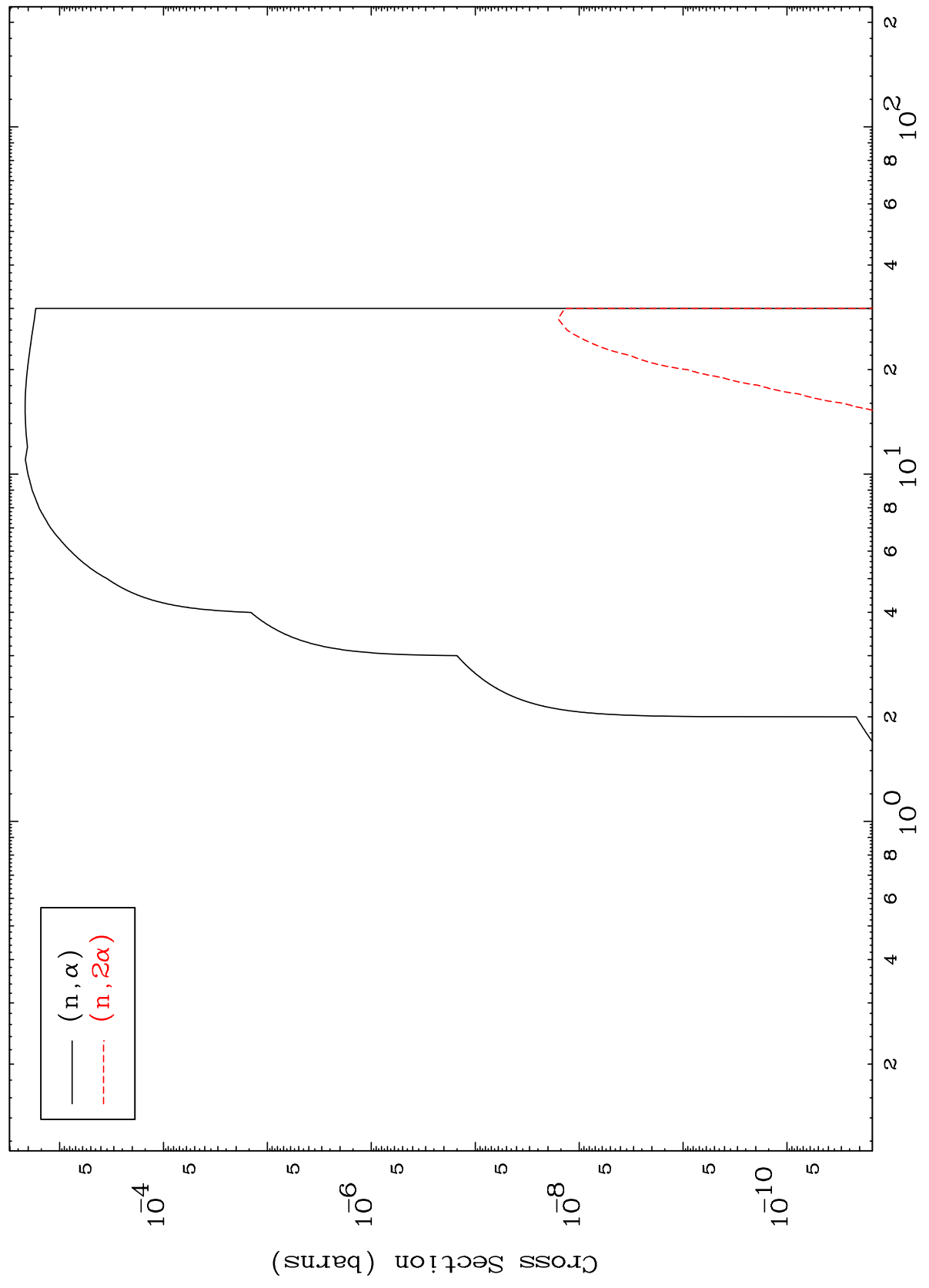


MAT 4147

(t,  $\alpha$ ) Levels

41-Nb-100m

0 Kelvin Cross Sections



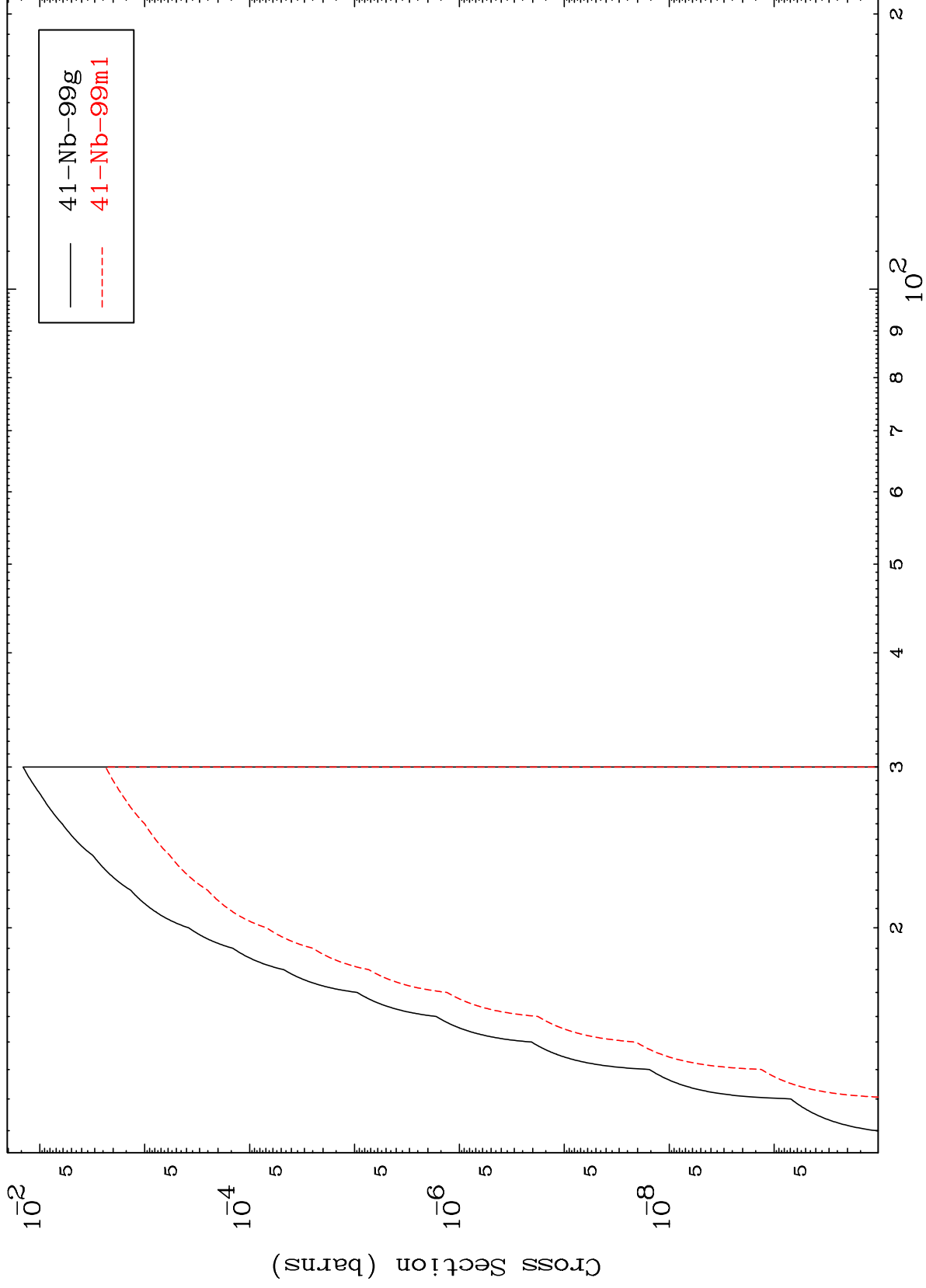
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 4147

(n,2n) d

41-Nb-100m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

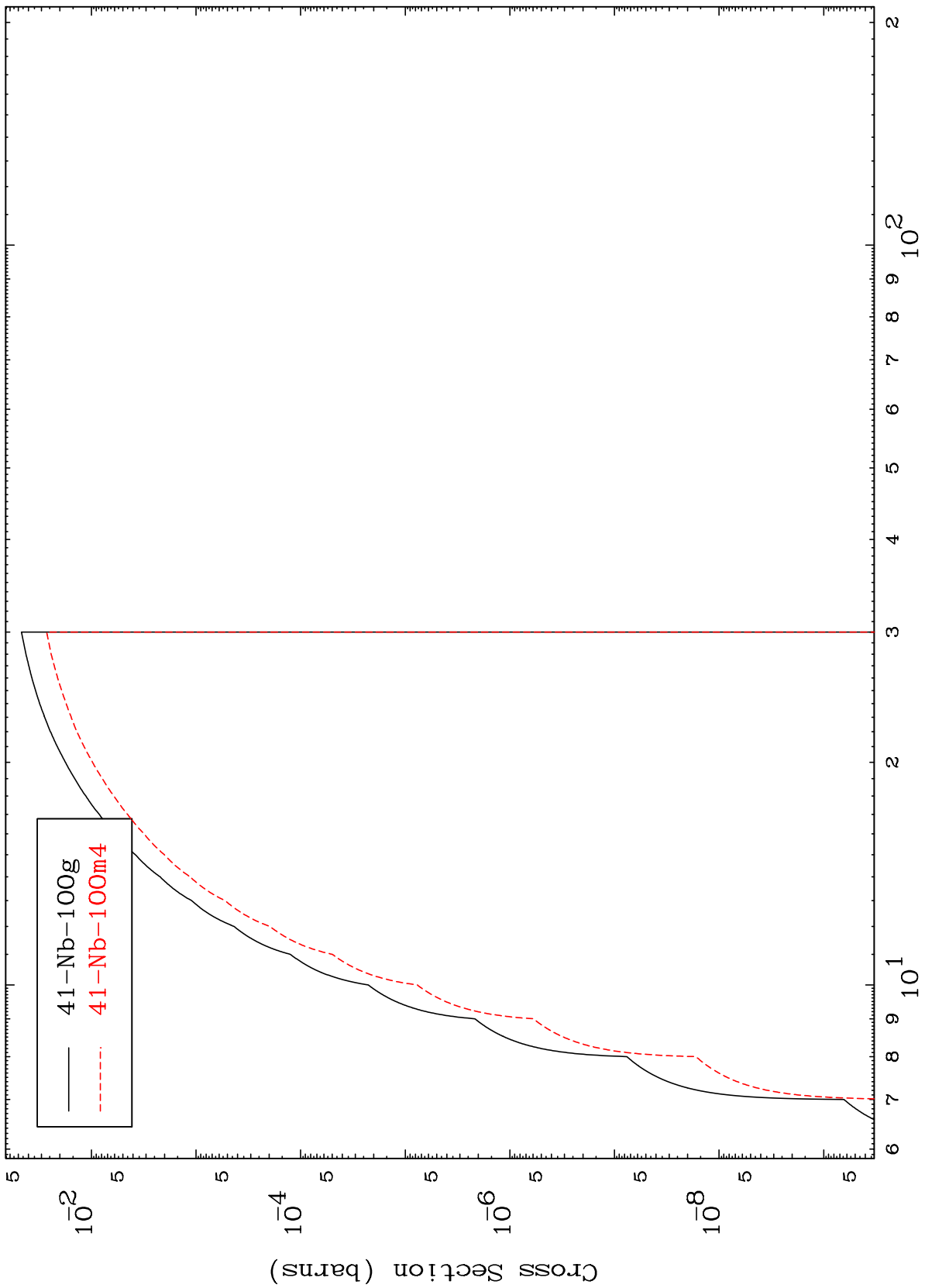
41-Nb-100m

MAT 4147

(n,n') d

41-Nb-100m

Radionuclide Production Cross Section



41-Nb-100g  
41-Nb-100m4

Incident Energy (MeV)

41-Nb-100m

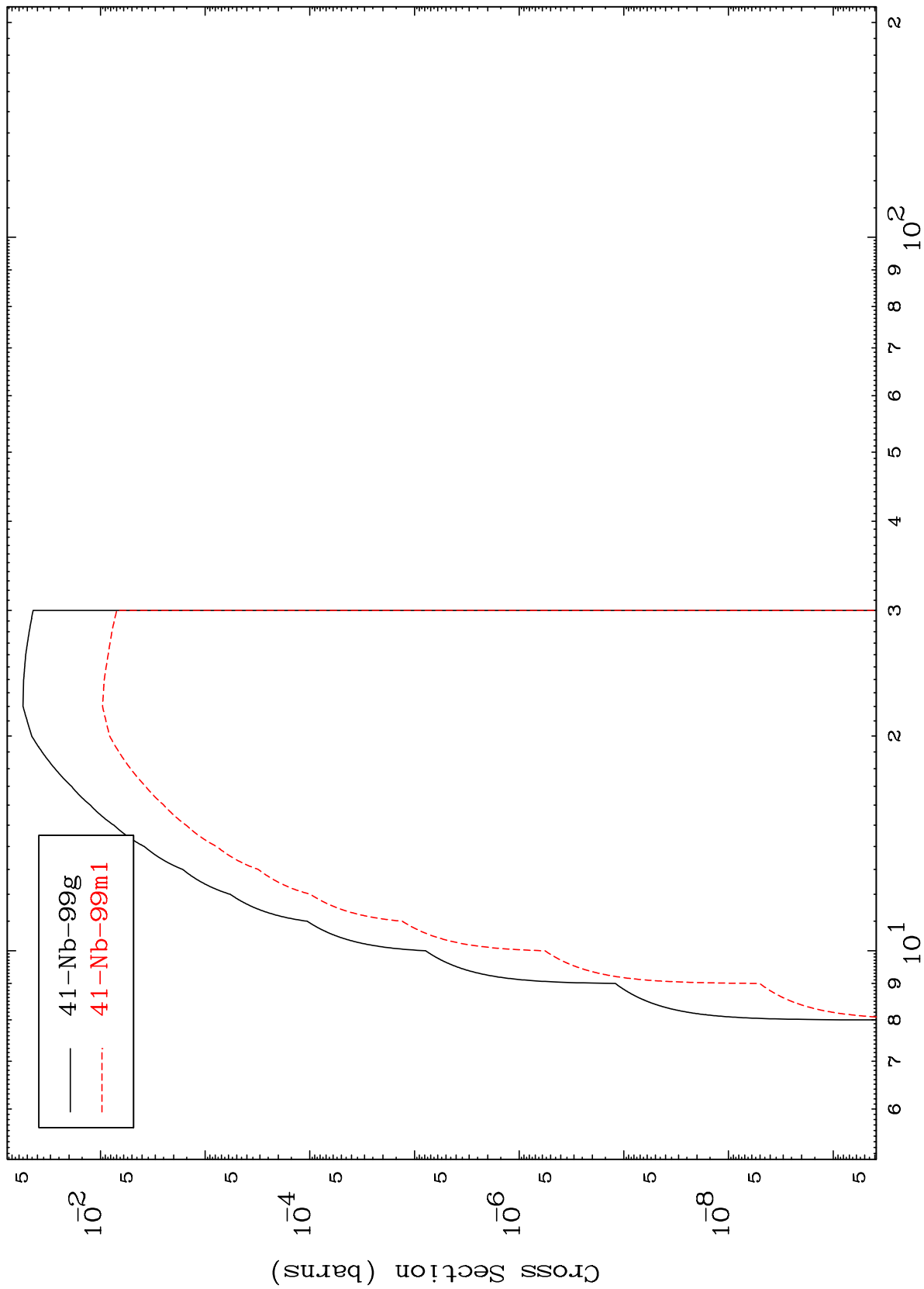
14

MAT 4147

(n,n') t

41-Nb-100m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

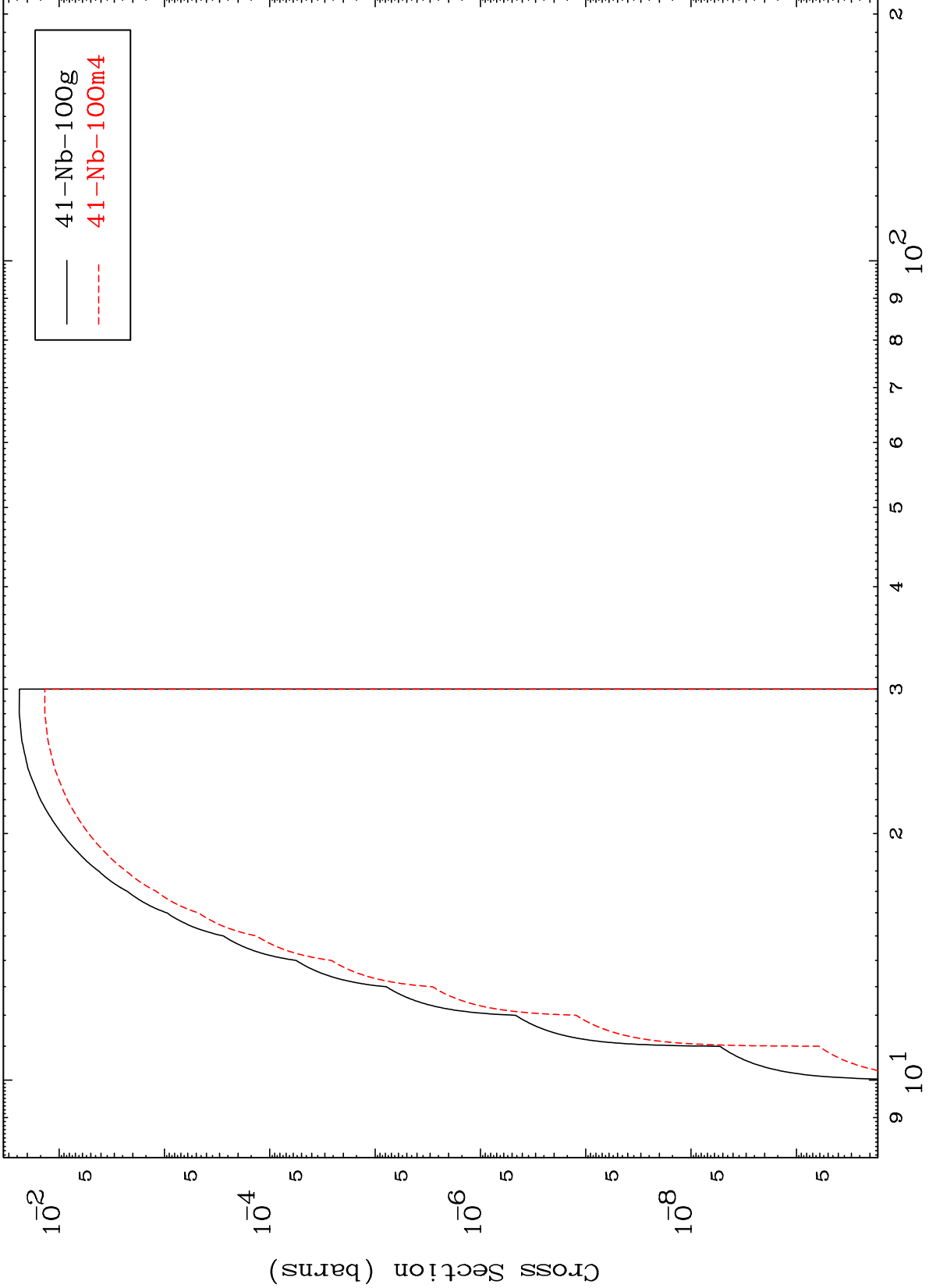
41-Nb-100m

MAT 4147

(n,2n) p

41-Nb-100m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

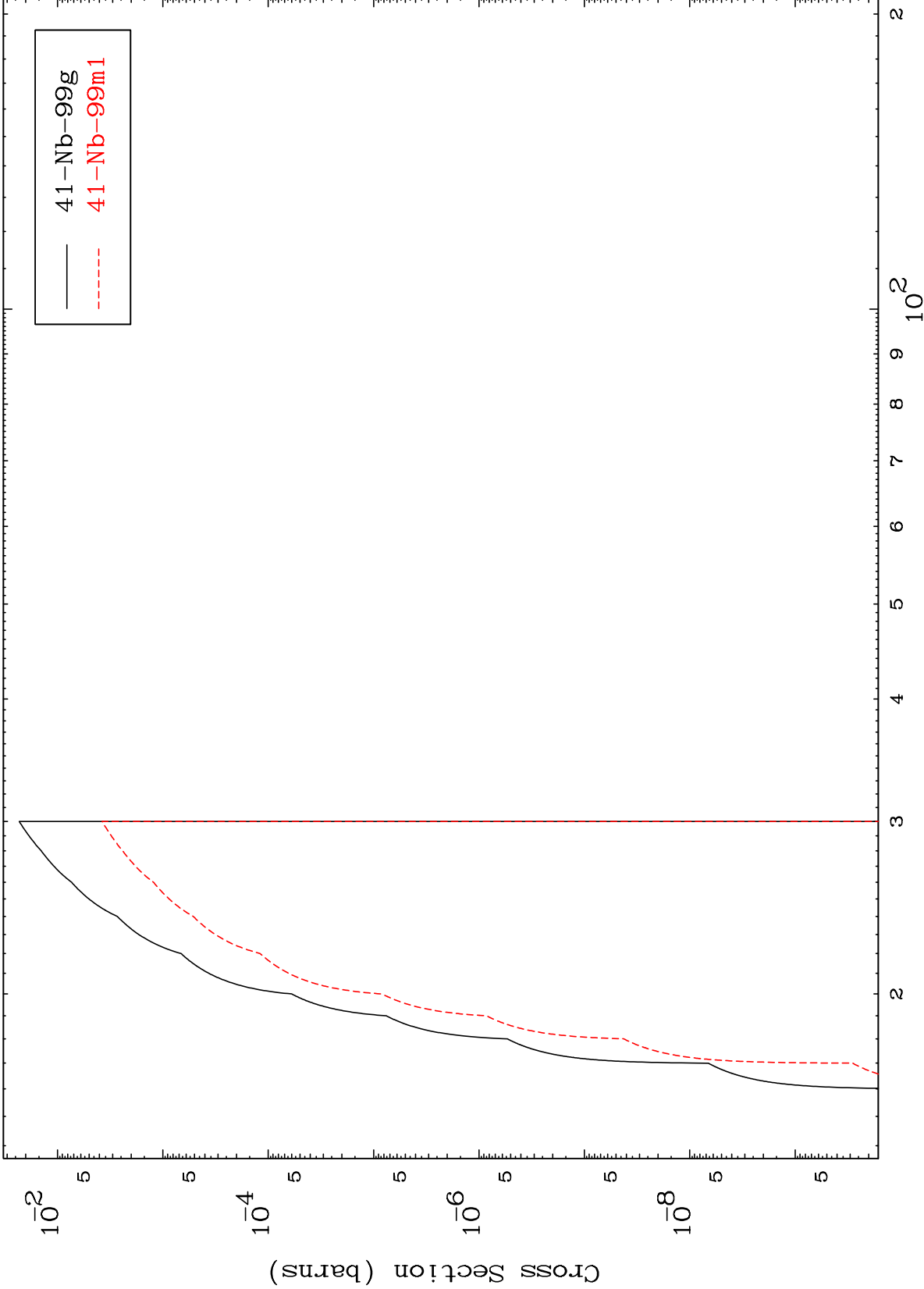
41-Nb-100m

MAT 4147

(n,3n) p

41-Nb-100m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

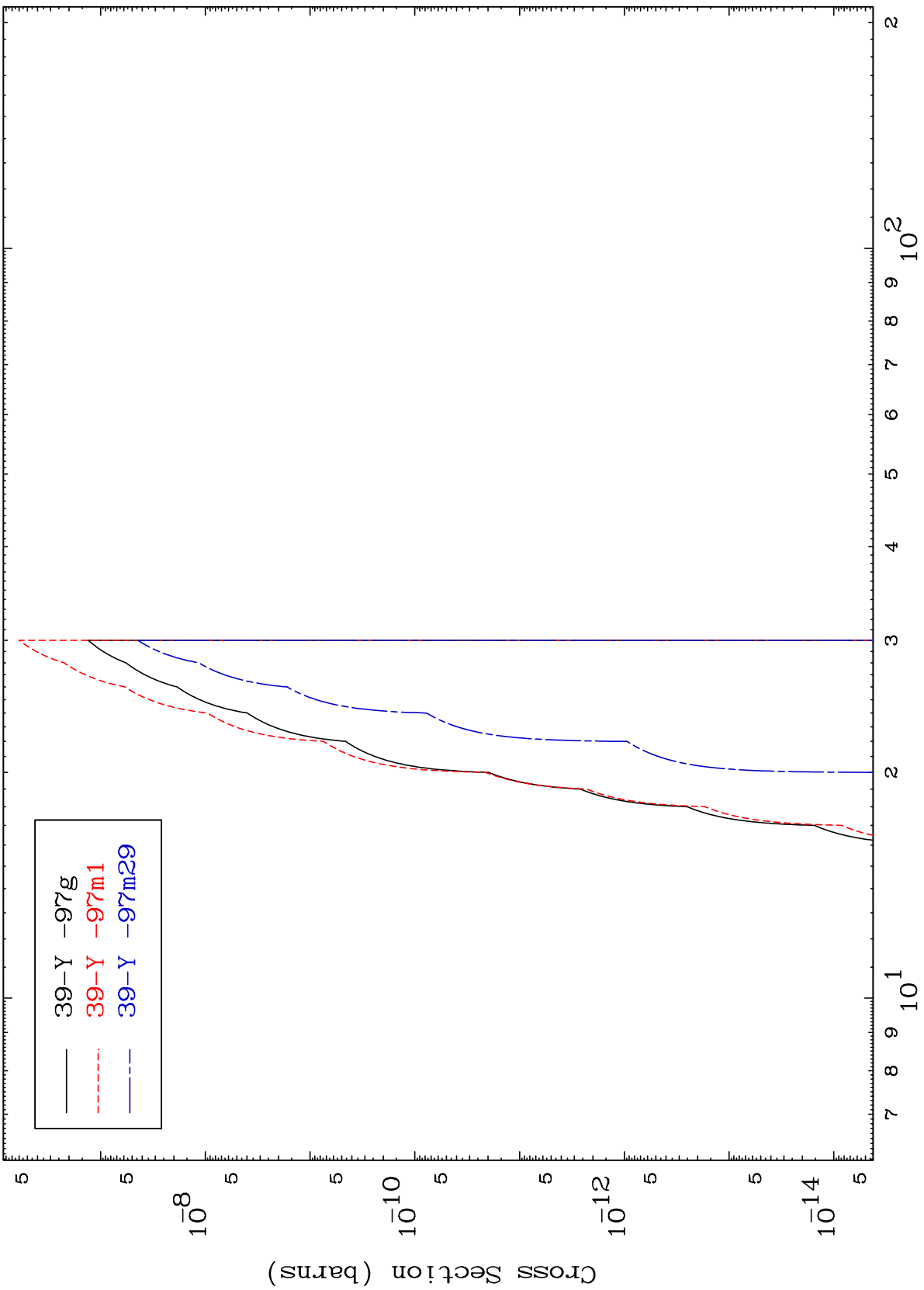
41-Nb-100m

MAT 4147

(n,n') p  $\alpha$

41-Nb-100m

Radionuclide Production Cross Section



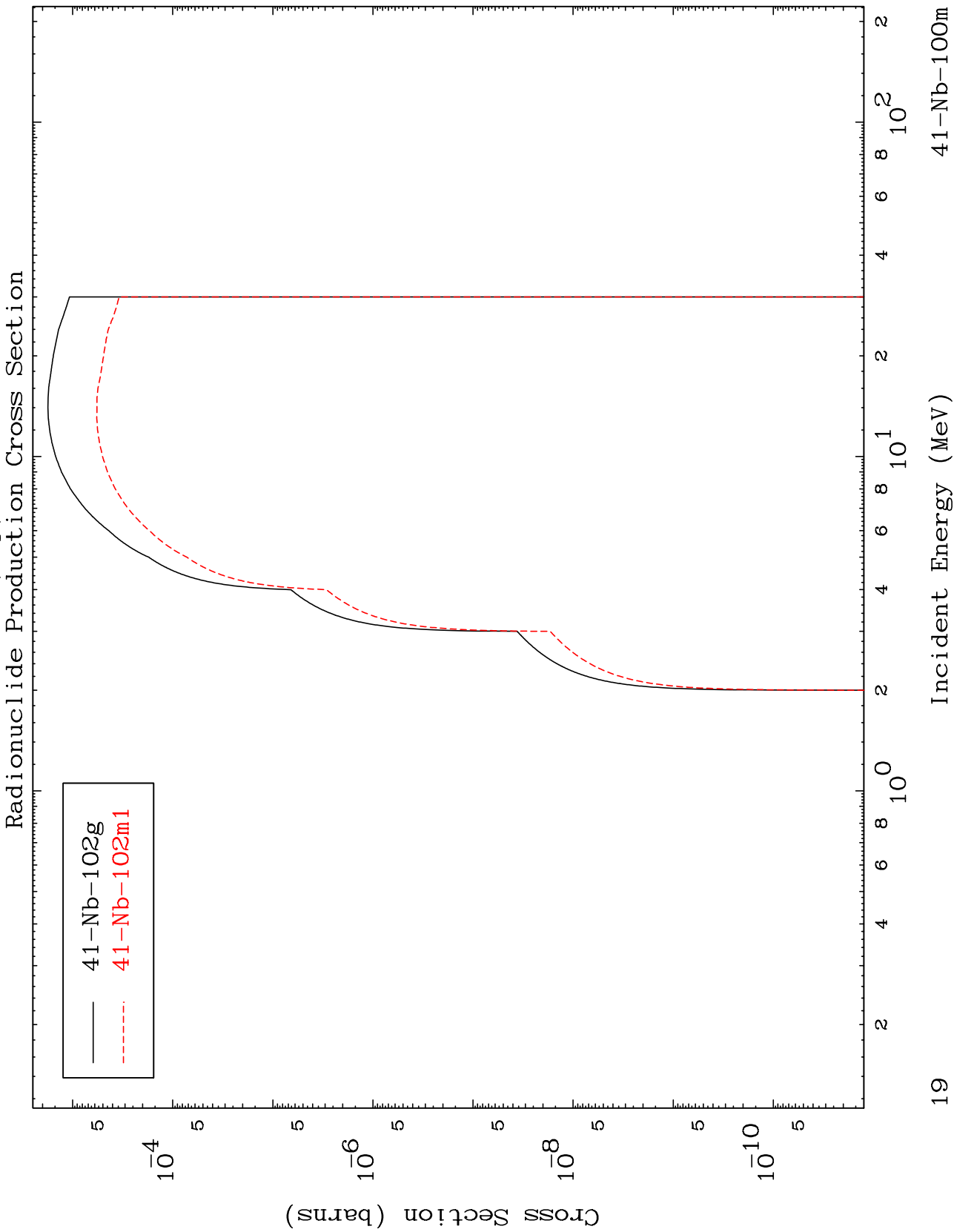
18

Incident Energy (MeV)

41-Nb-100m

MAT 4147

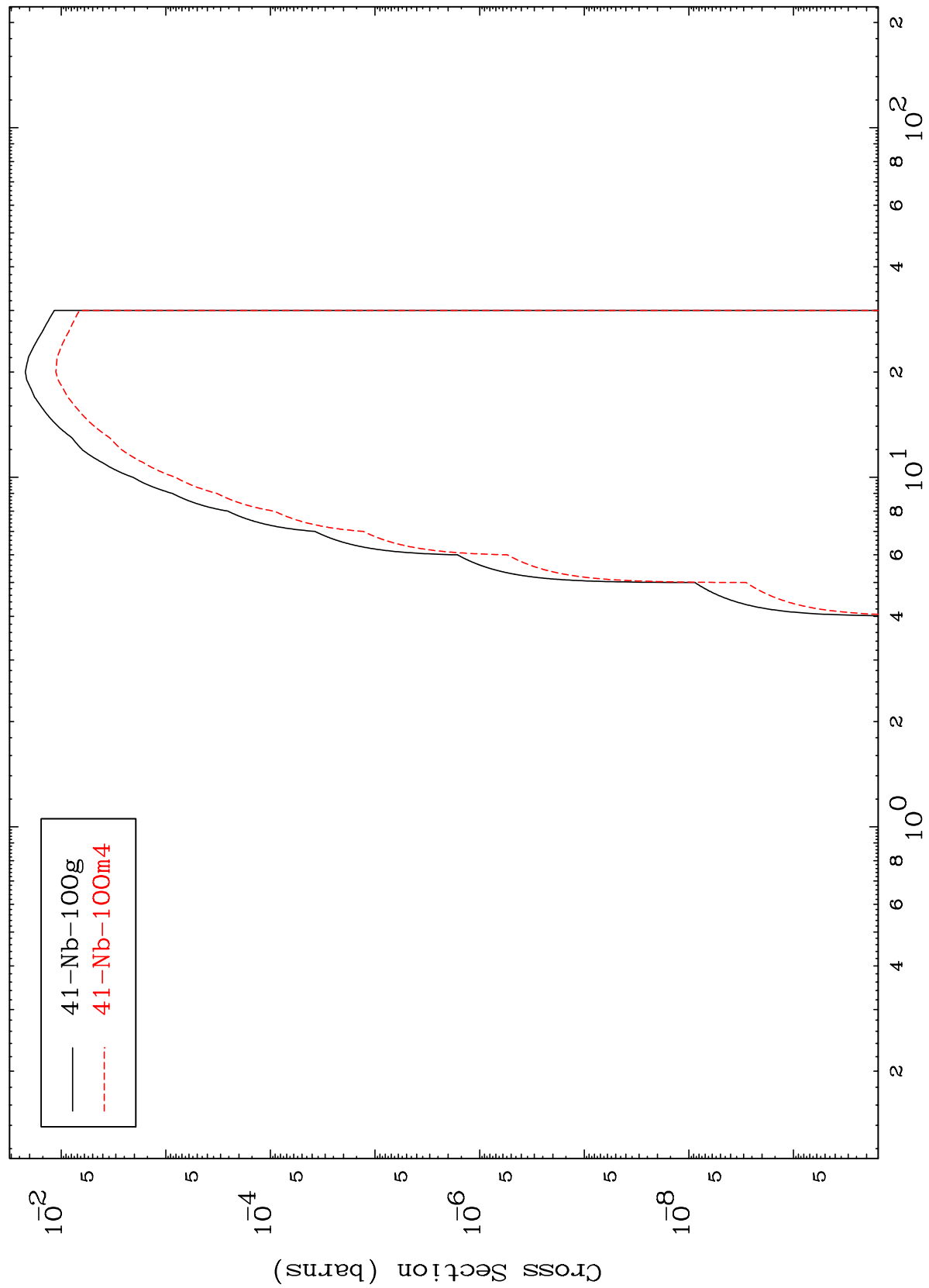
41-Nb-100m



MAT 4147

41-Nb-100m

(n, t)  
Radionuclide Production Cross Section



20

41-Nb-100m

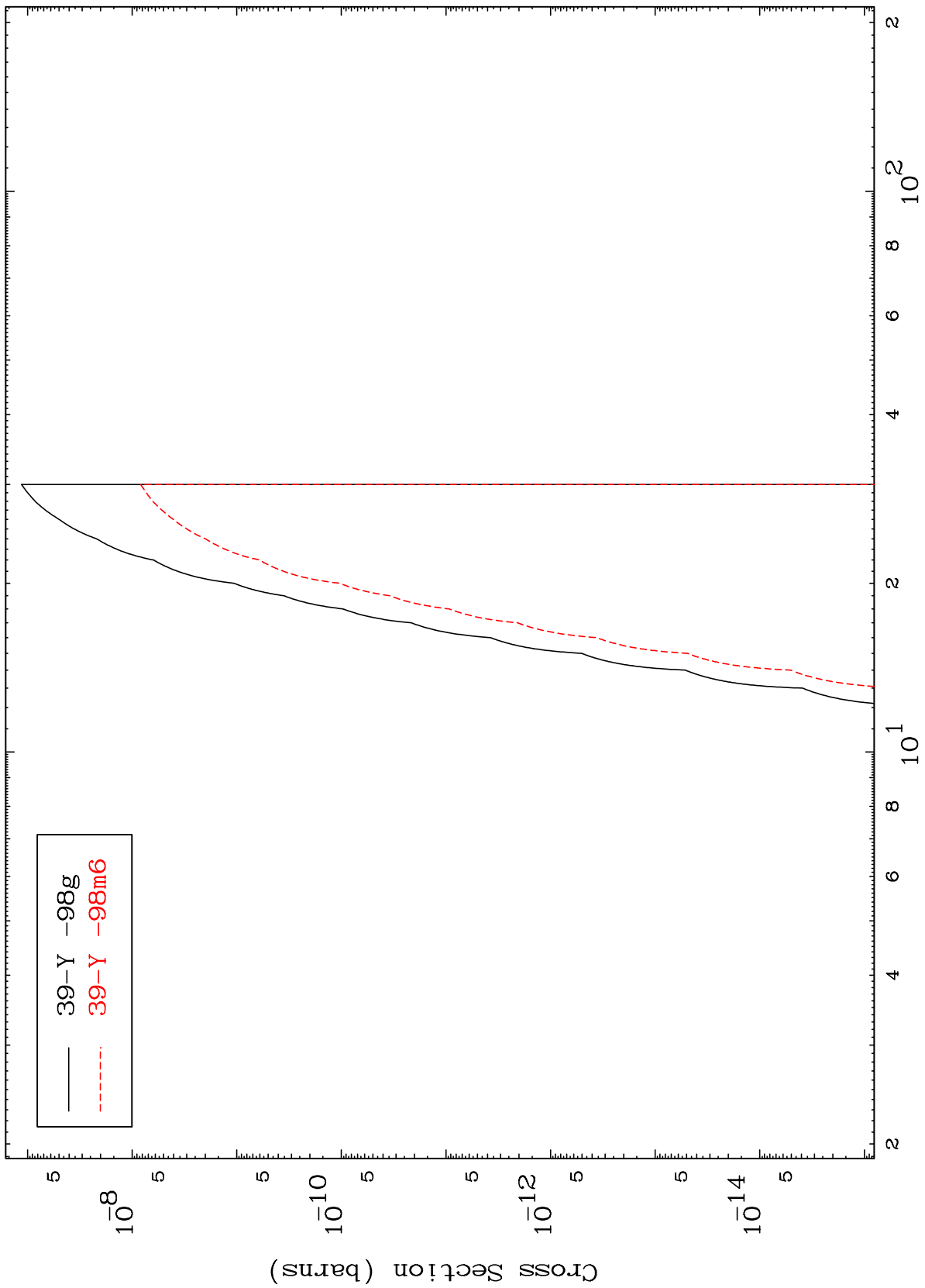
Incident Energy (MeV)

MAT 4147

(n,p)  $\alpha$

41-Nb-100m

Radionuclide Production Cross Section



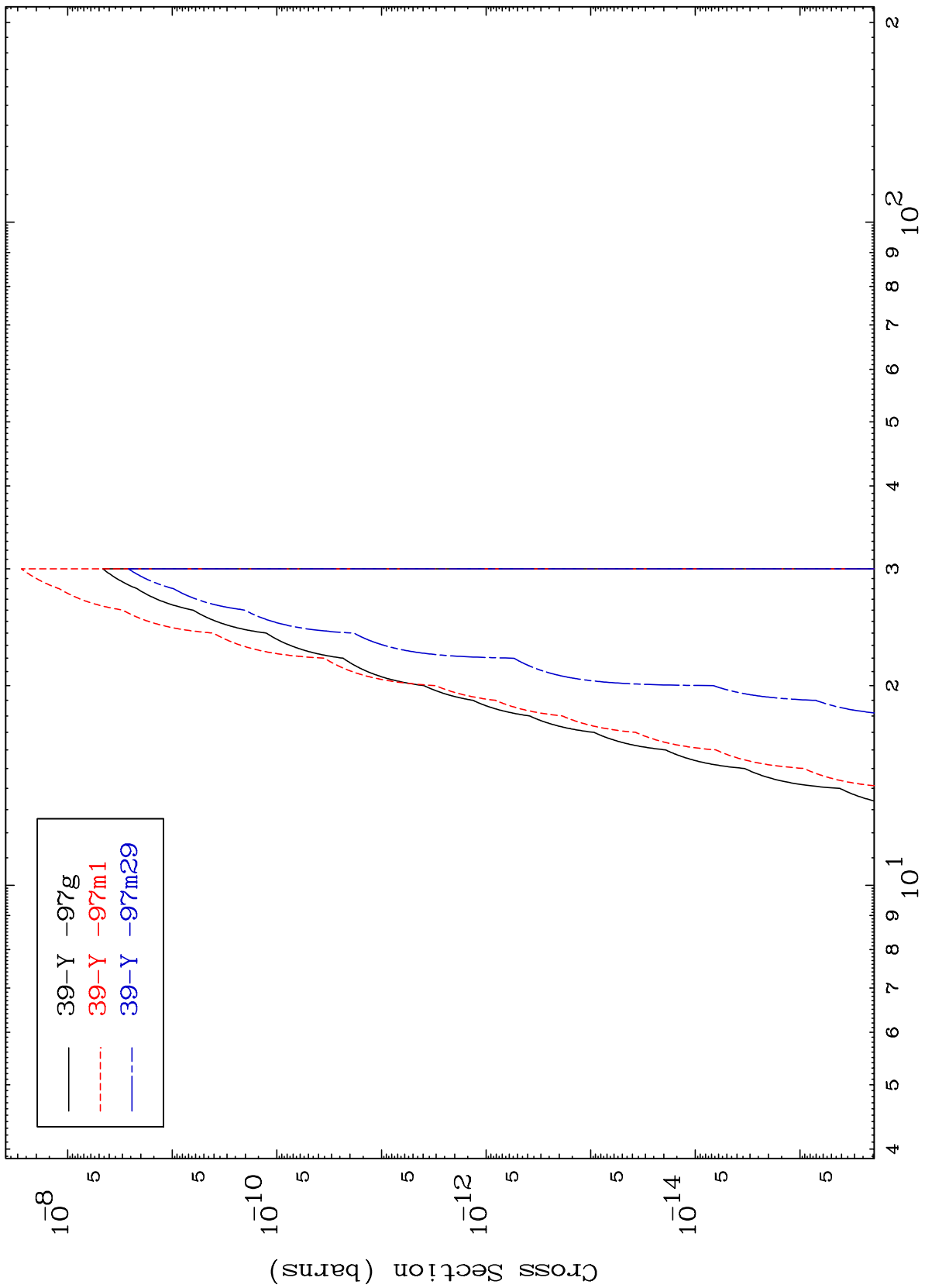
— 39-Y -98g  
- - - 39-Y -98m6

MAT 4147

(n,d)  $\alpha$

41-Nb-100m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

41-Nb-100m