

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

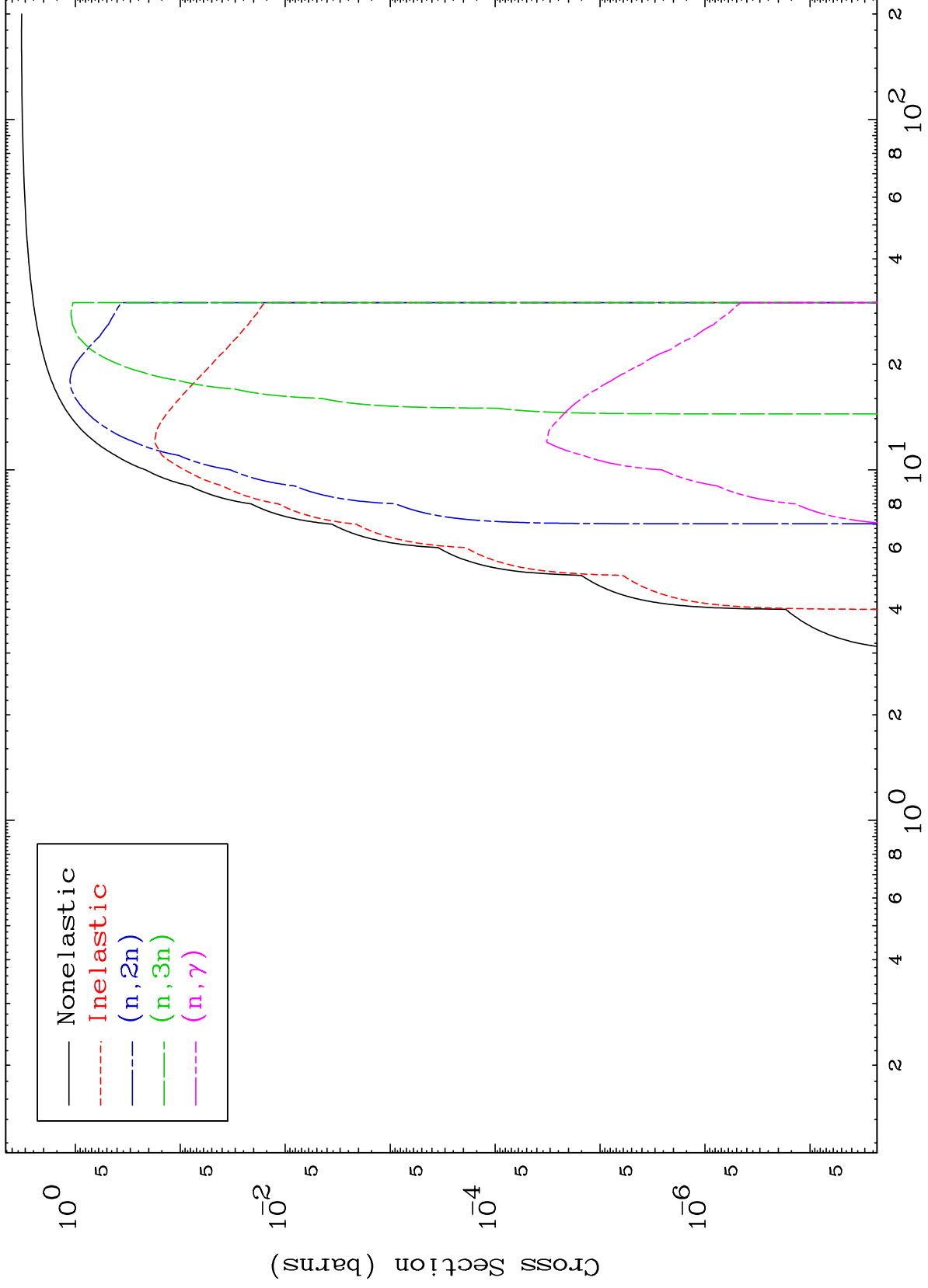
Web:redcullen1.net/HOMEPAGE.NEW

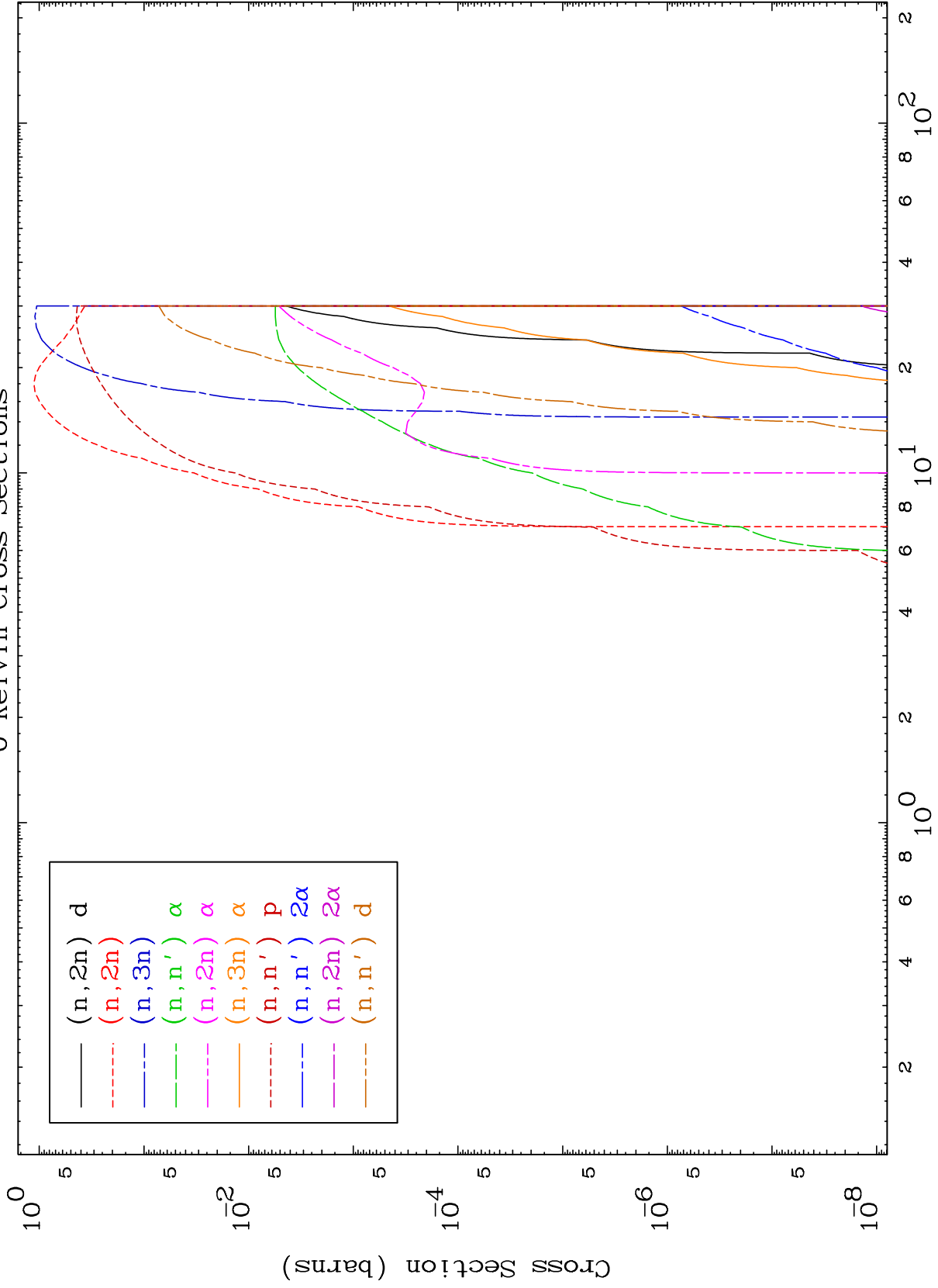
Press Mouse Button to Start

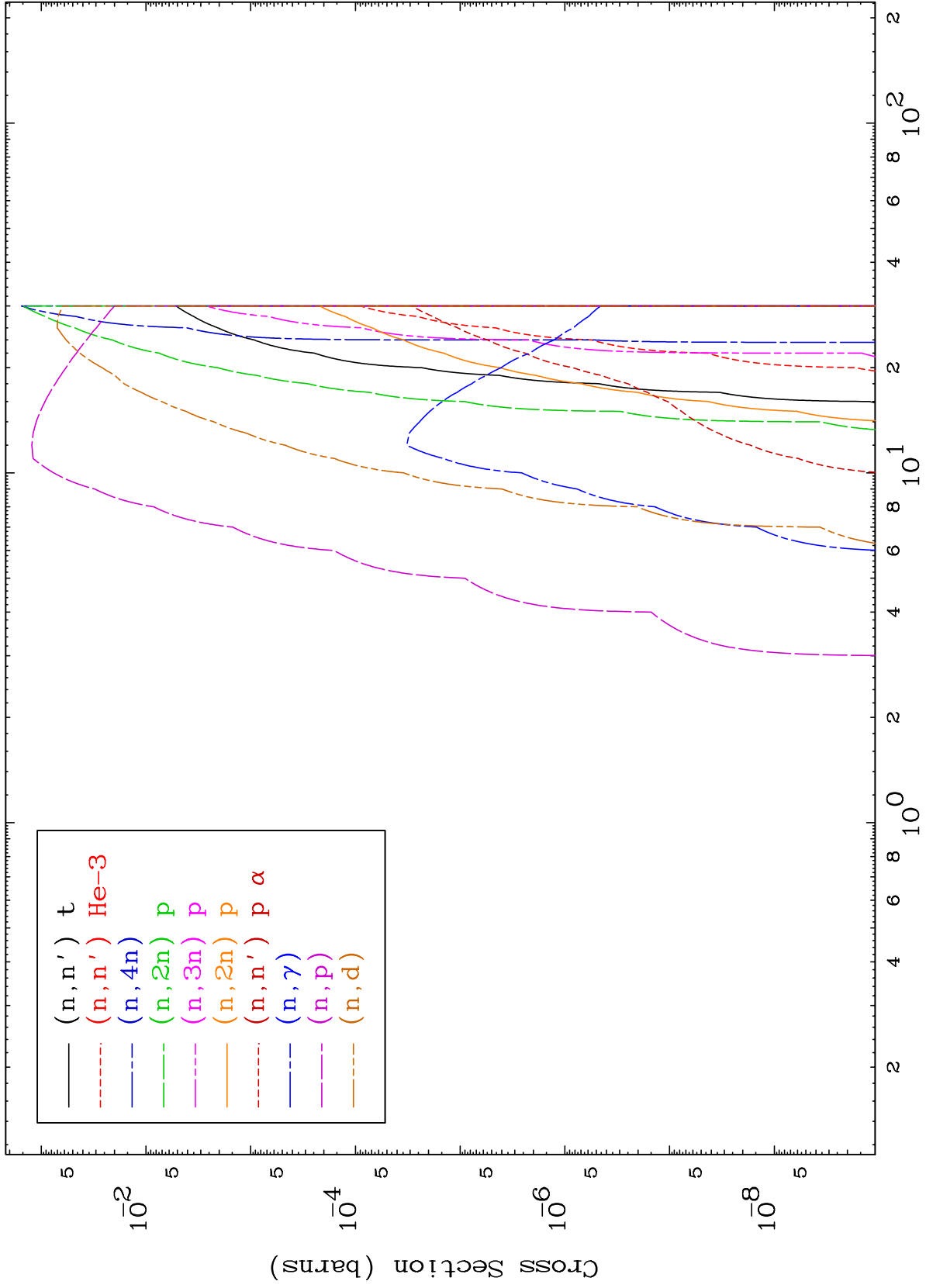
MAT 8543

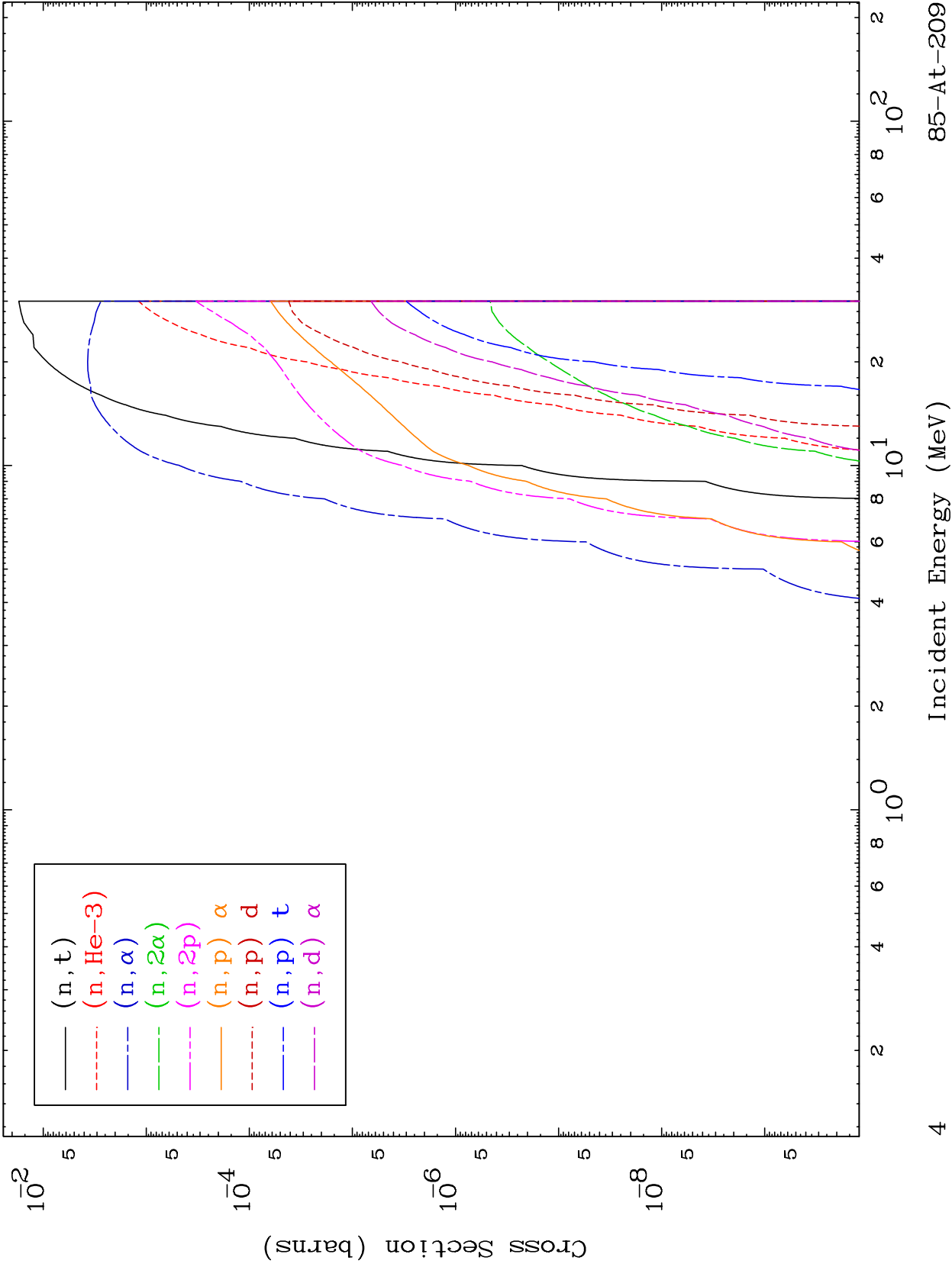
Deuteron Major  
0 Kelvin Cross Sections

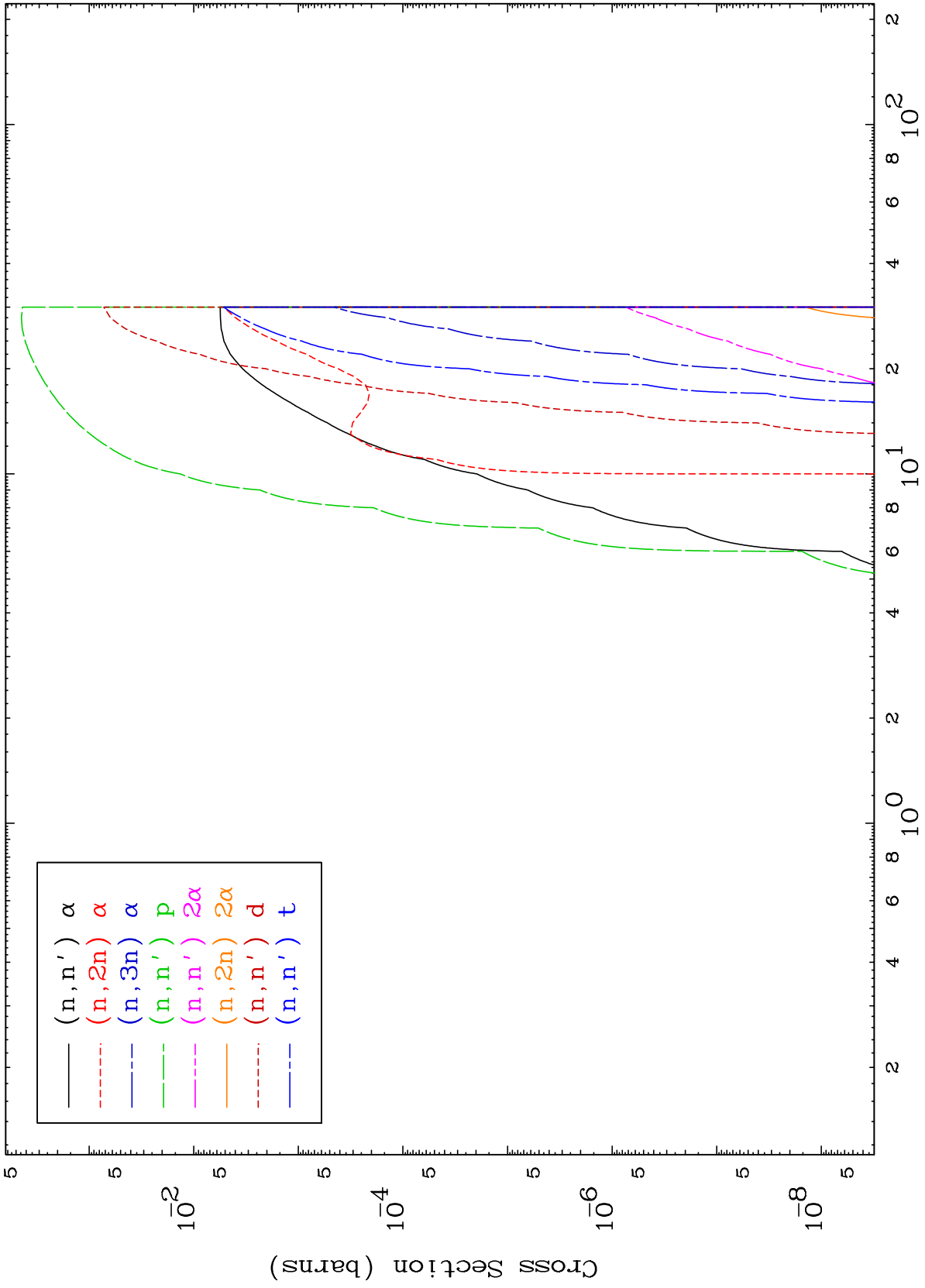
85-At-209

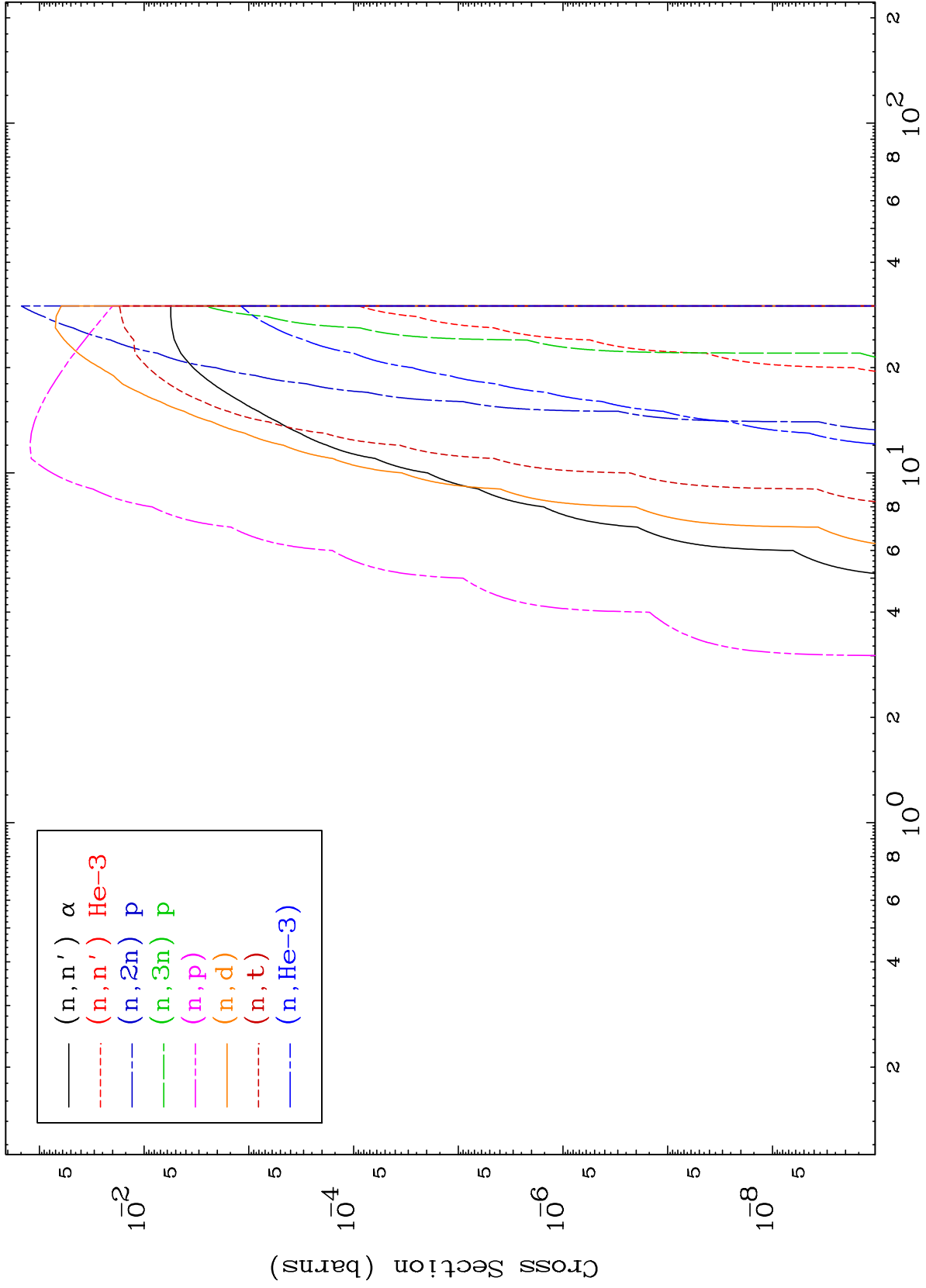








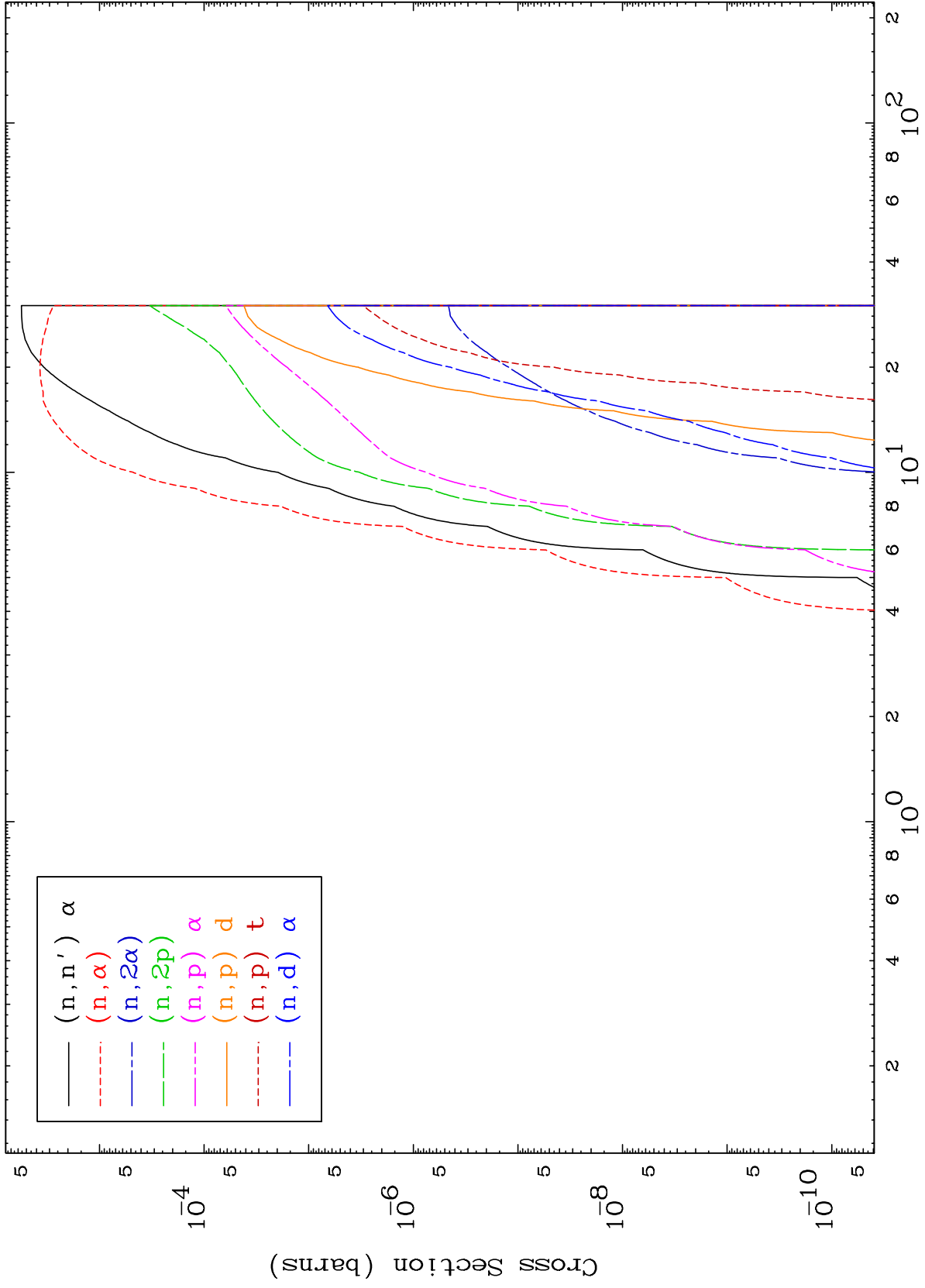




MAT 8543

Deuteron Charged Particle  
0 Kelvin Cross Sections

85-At-209

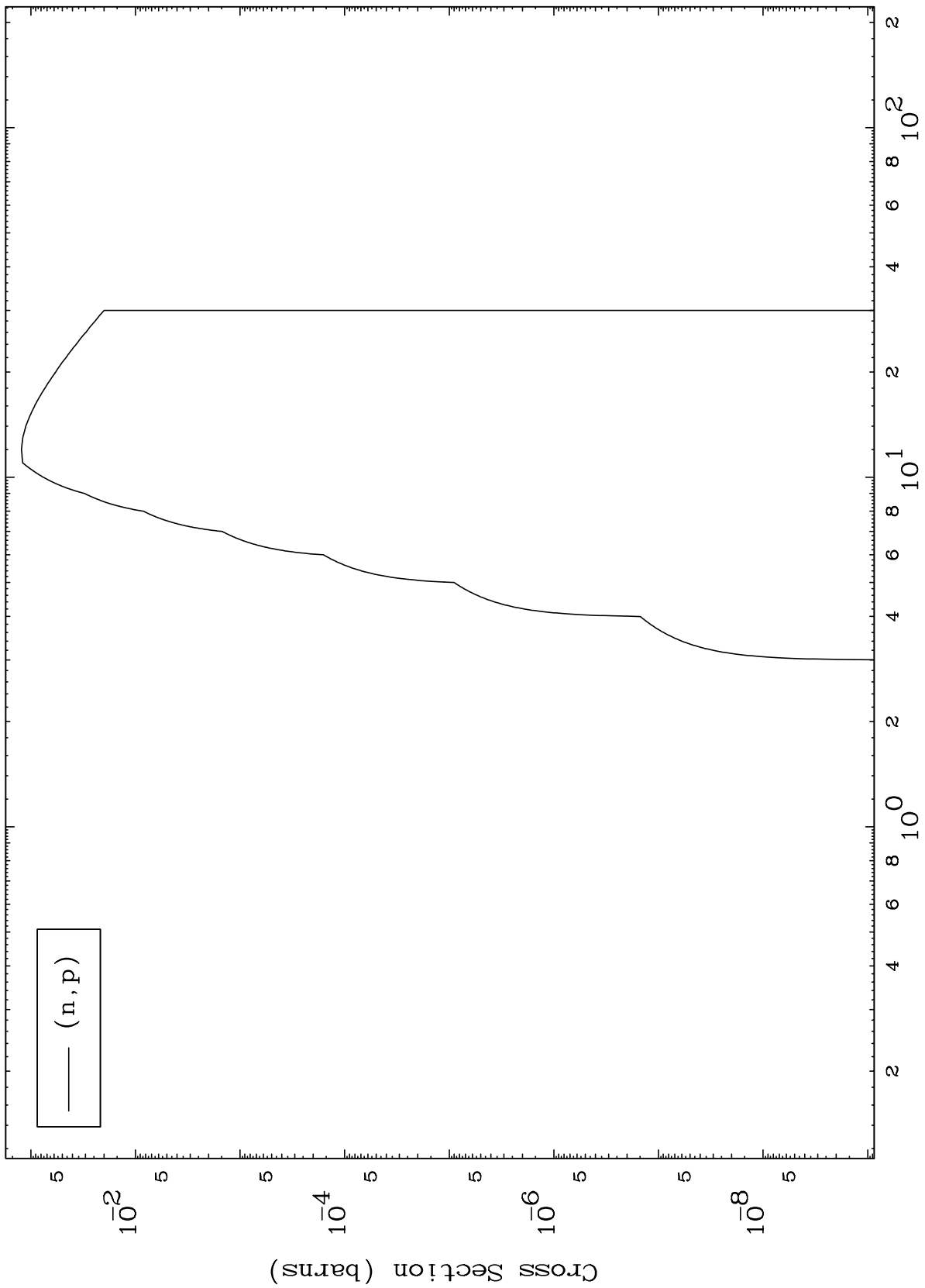


MAT 8543

(d,p) Levels

85-At-209

0 Kelvin Cross Sections

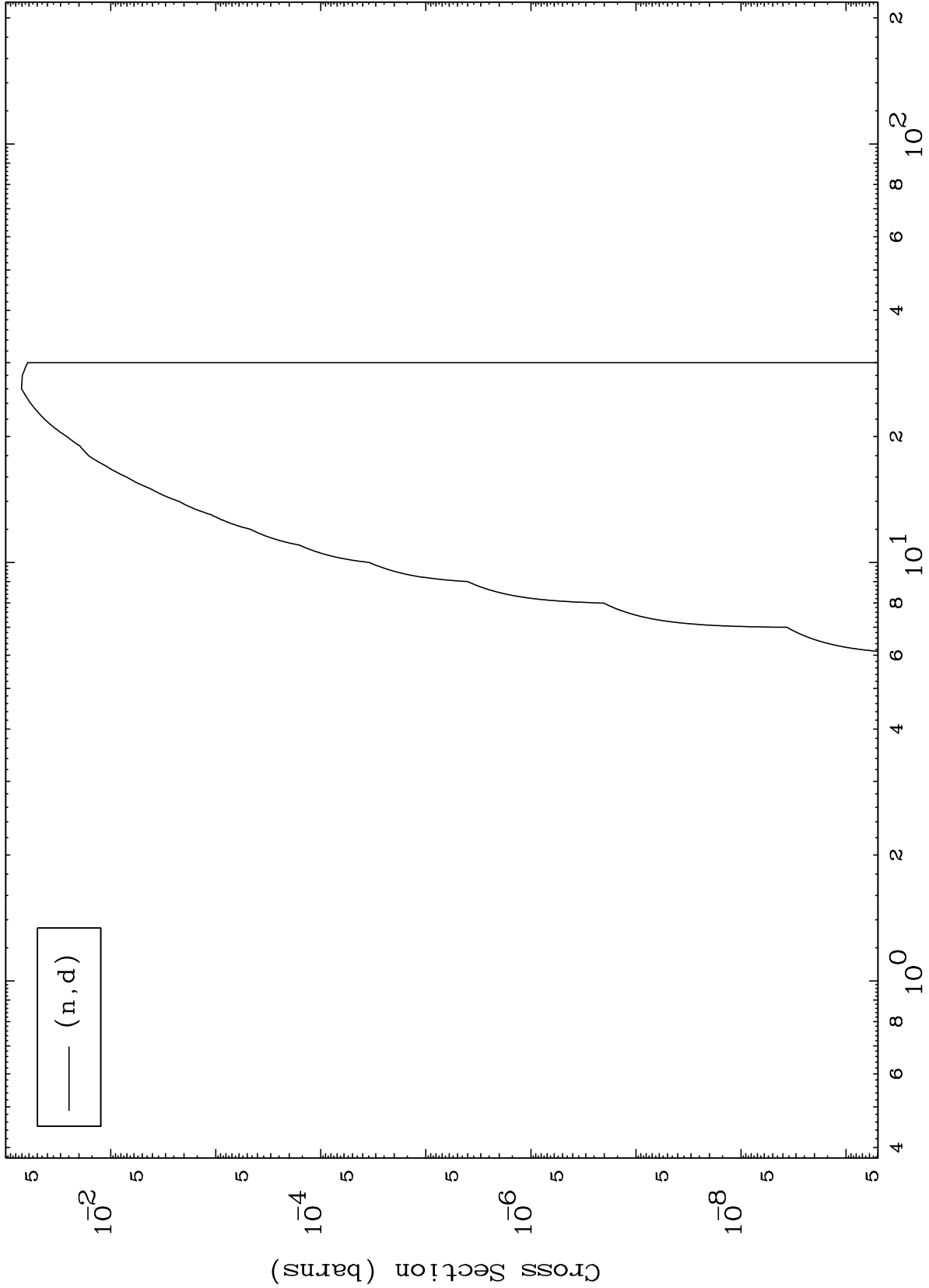


MAT 8543

(d,d) Levels

85-At-209

0 Kelvin Cross Sections



9

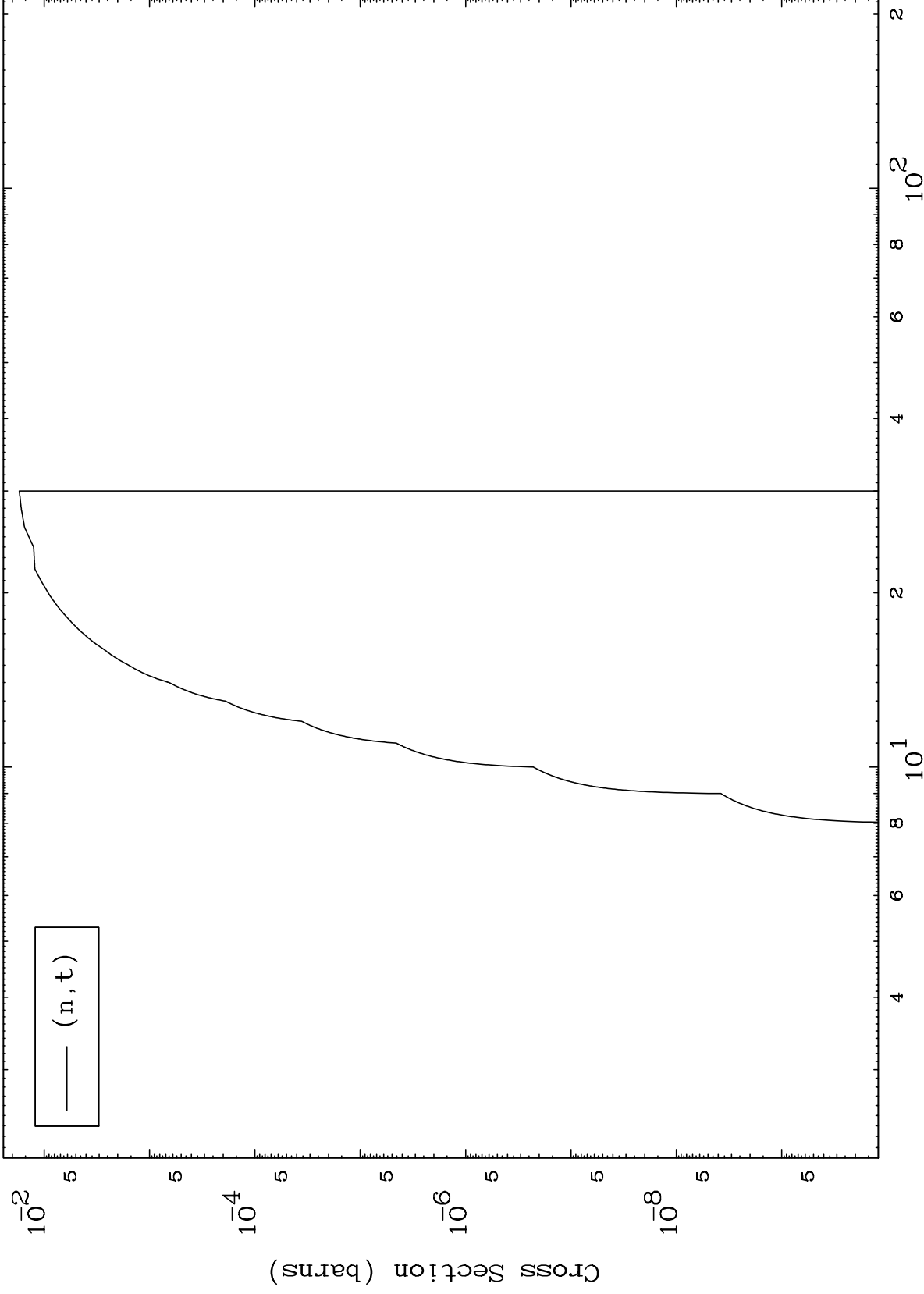
Incident Energy (MeV)

85-At-209

MAT 8543

(d,t) Levels  
0 Kelvin Cross Sections

85-At-209



10

Incident Energy (MeV)

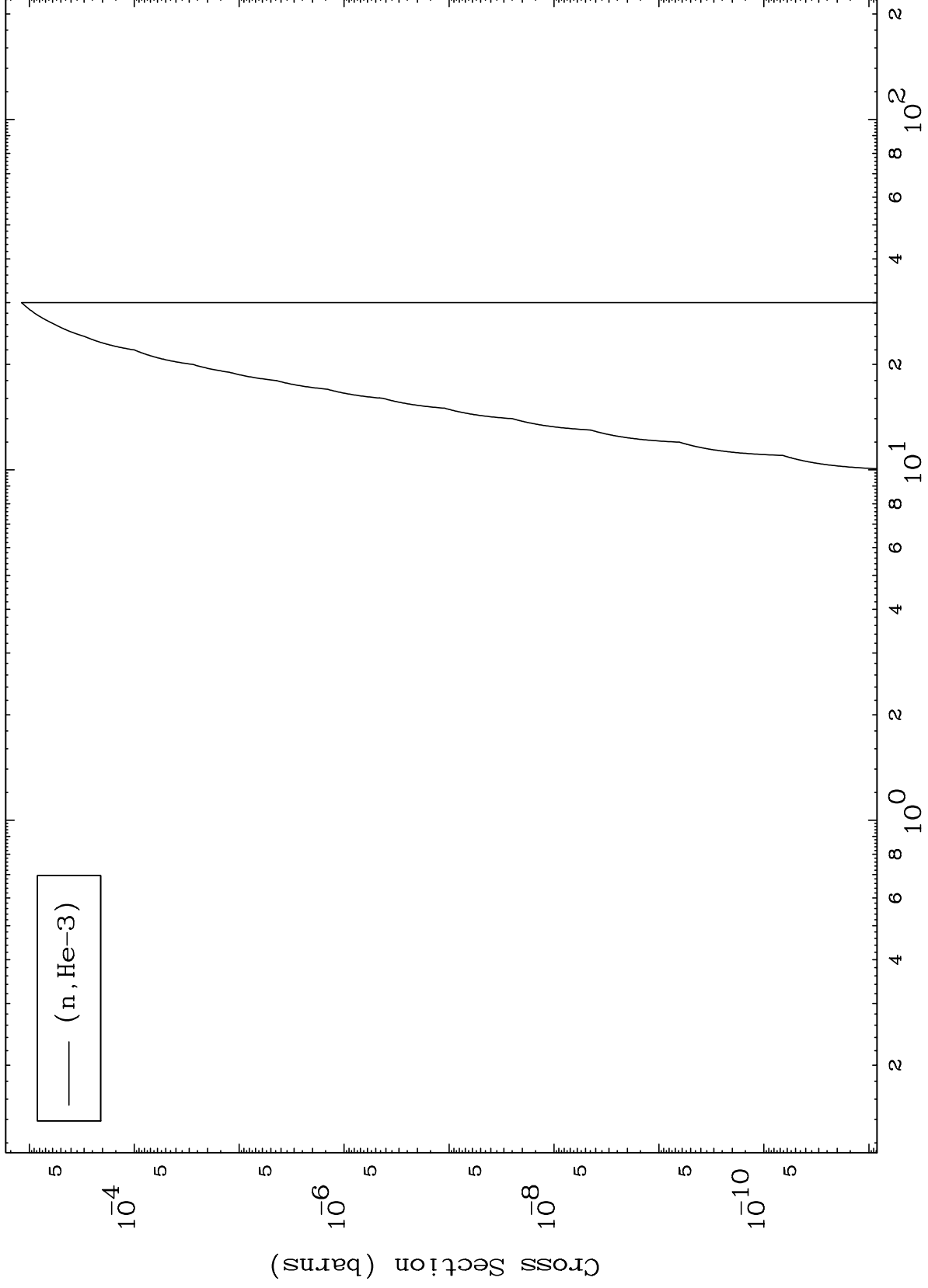
85-At-209

MAT 8543

(d,He3) Levels

85-At-209

0 Kelvin Cross Sections

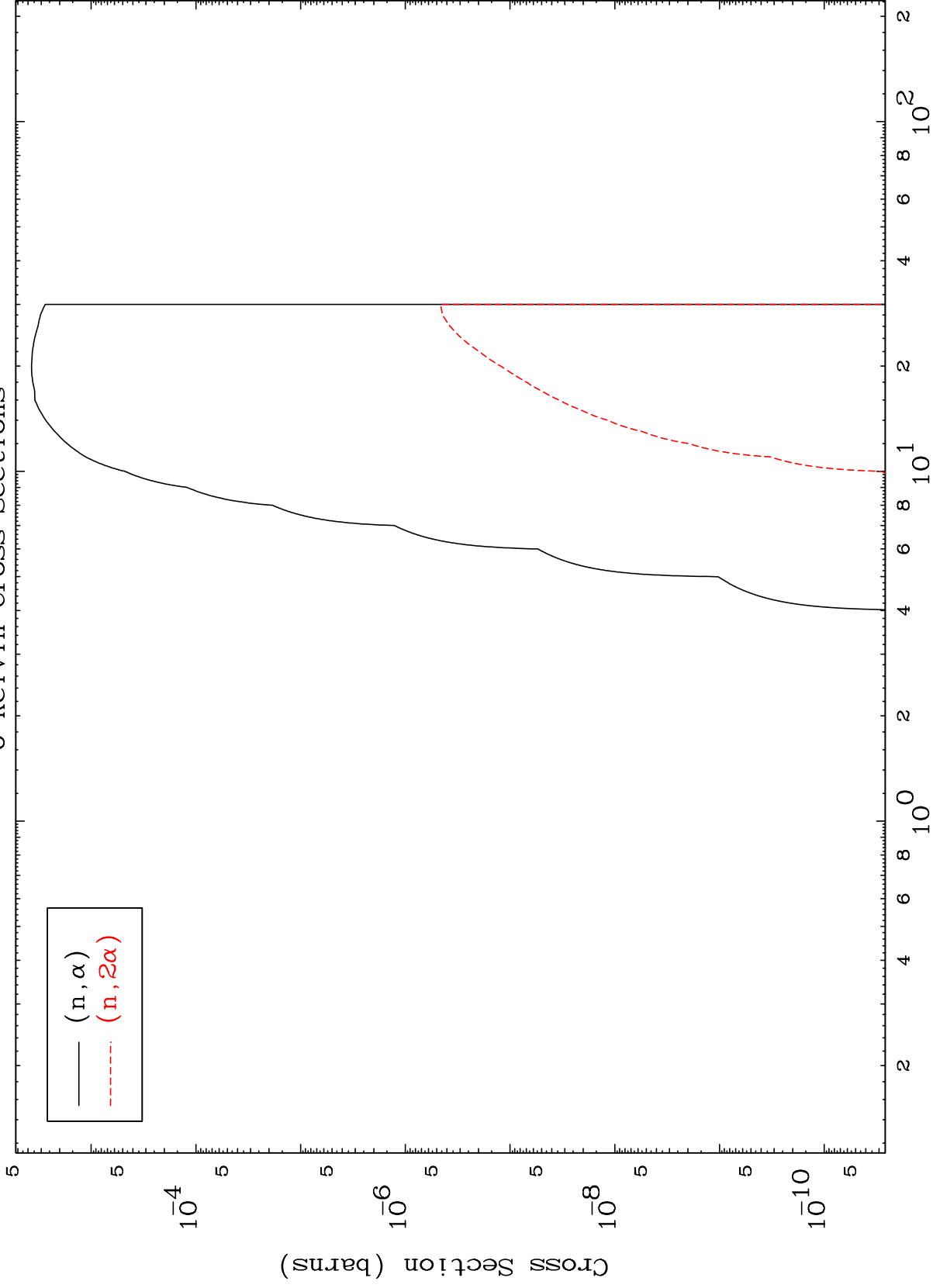


MAT 8543

(d,  $\alpha$ ) Levels

85-At-209

0 Kelvin Cross Sections



12

Incident Energy (MeV)

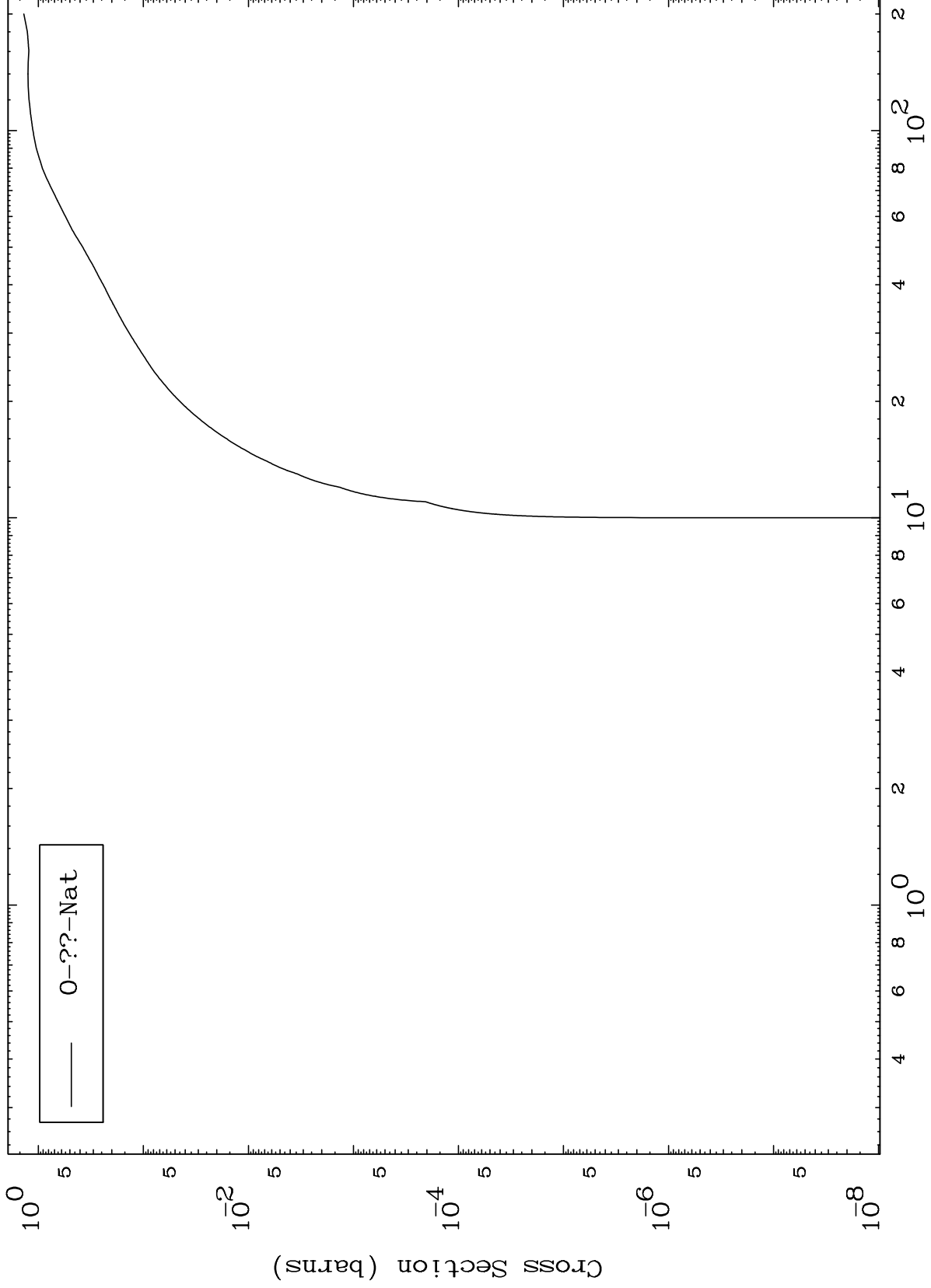
85-At-209

MAT 8543

Fission

85-At-209

Radionuclide Production Cross Section



13

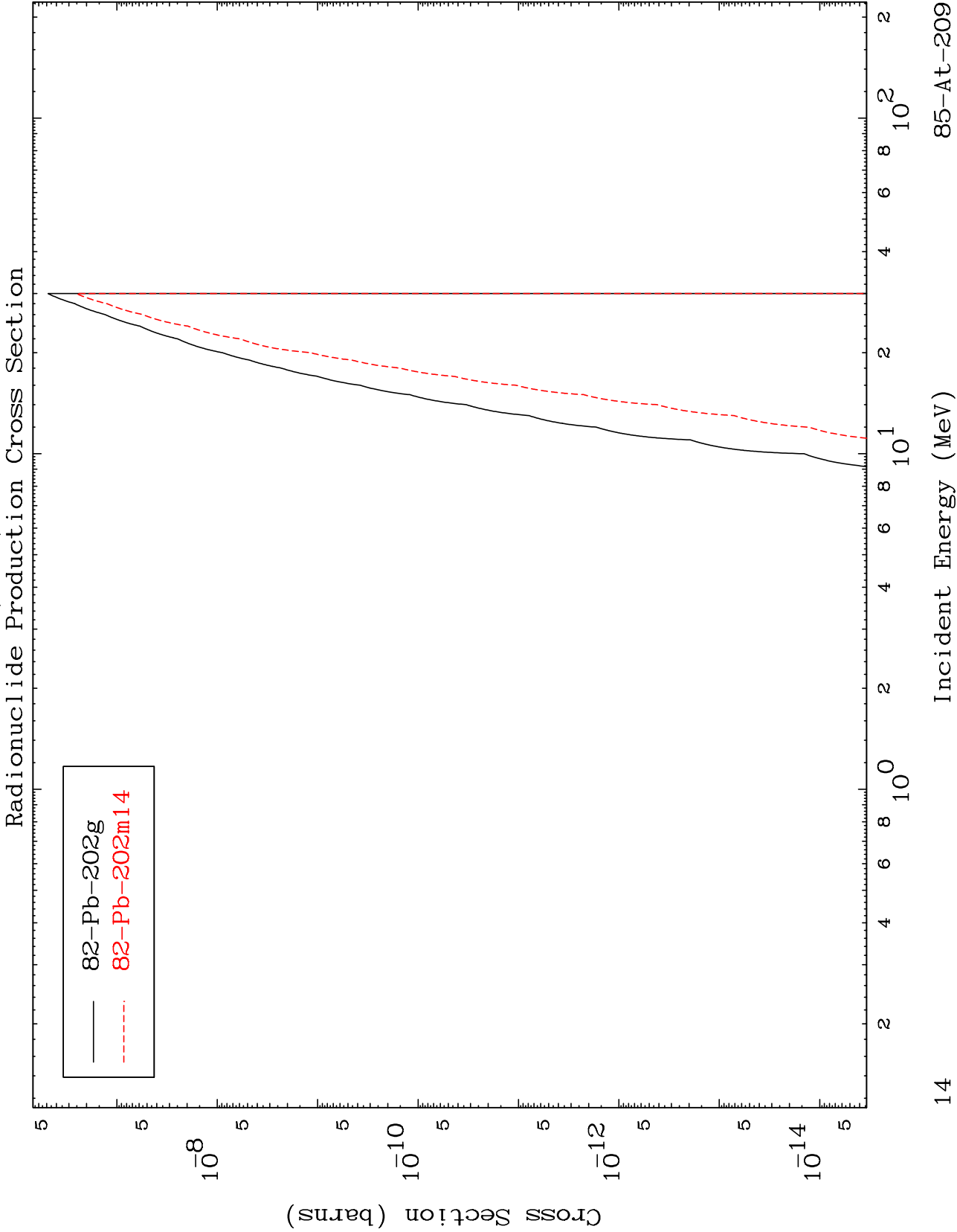
Incident Energy (MeV)

85-At-209

MAT 8543

(n,n') 2 $\alpha$

85-At-209



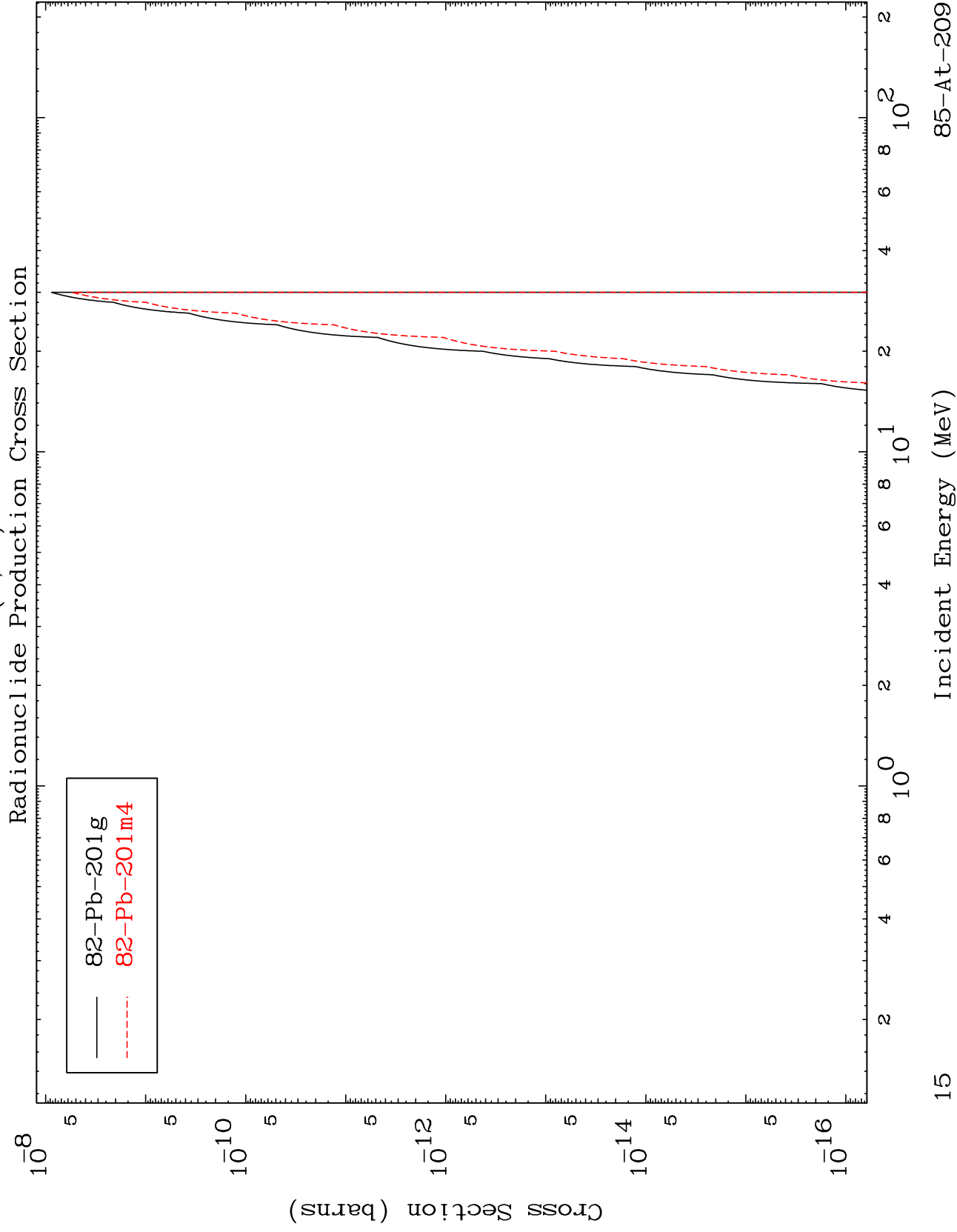
14

85-At-209

MAT 8543

(n,2n) 2α

85-At-209

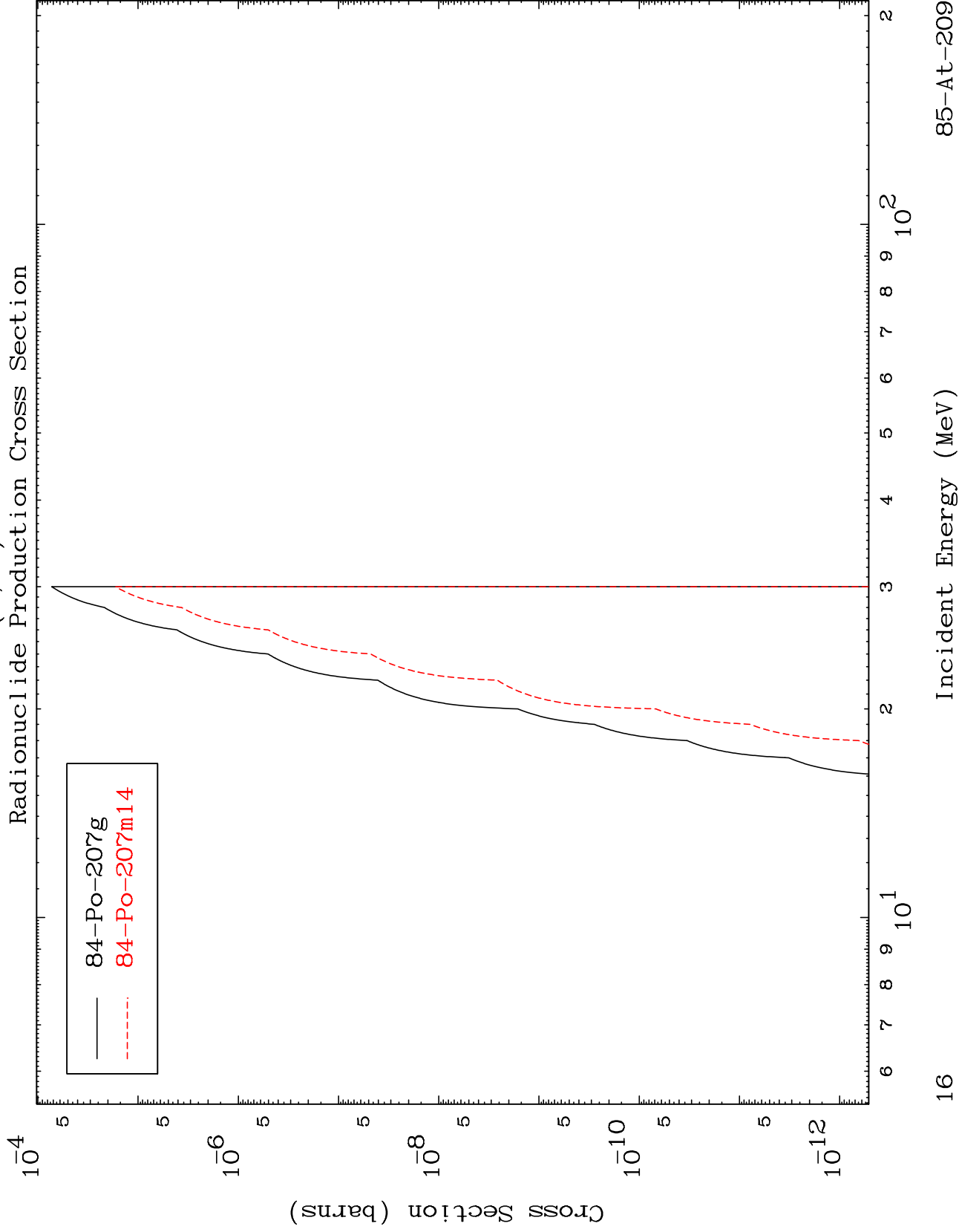


15

MAT 8543

(n,n') He-3

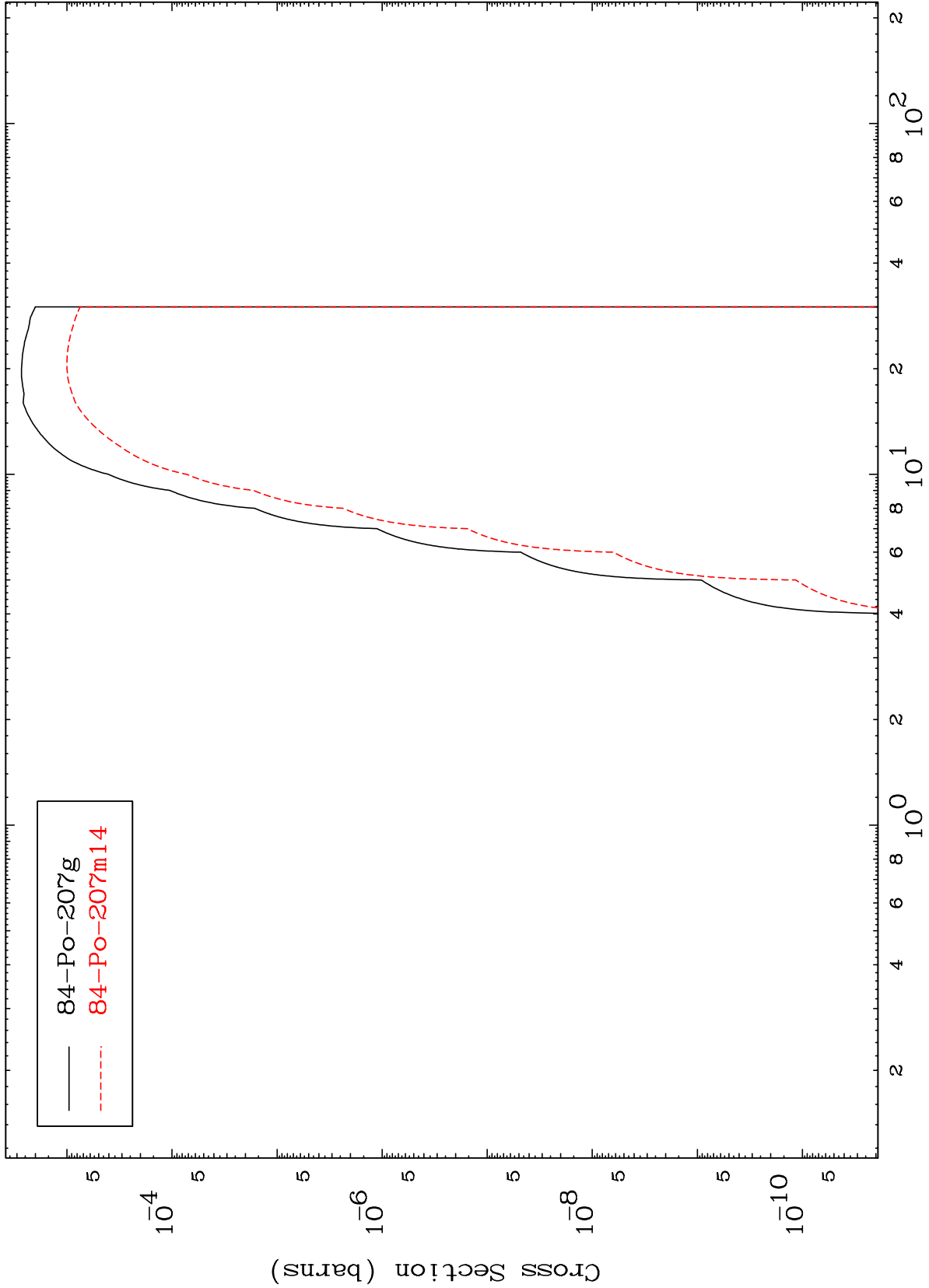
85-At-209



MAT 8543

85-At-209

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

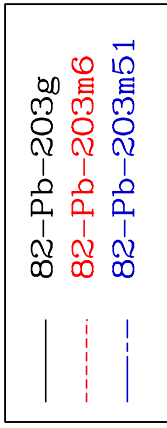
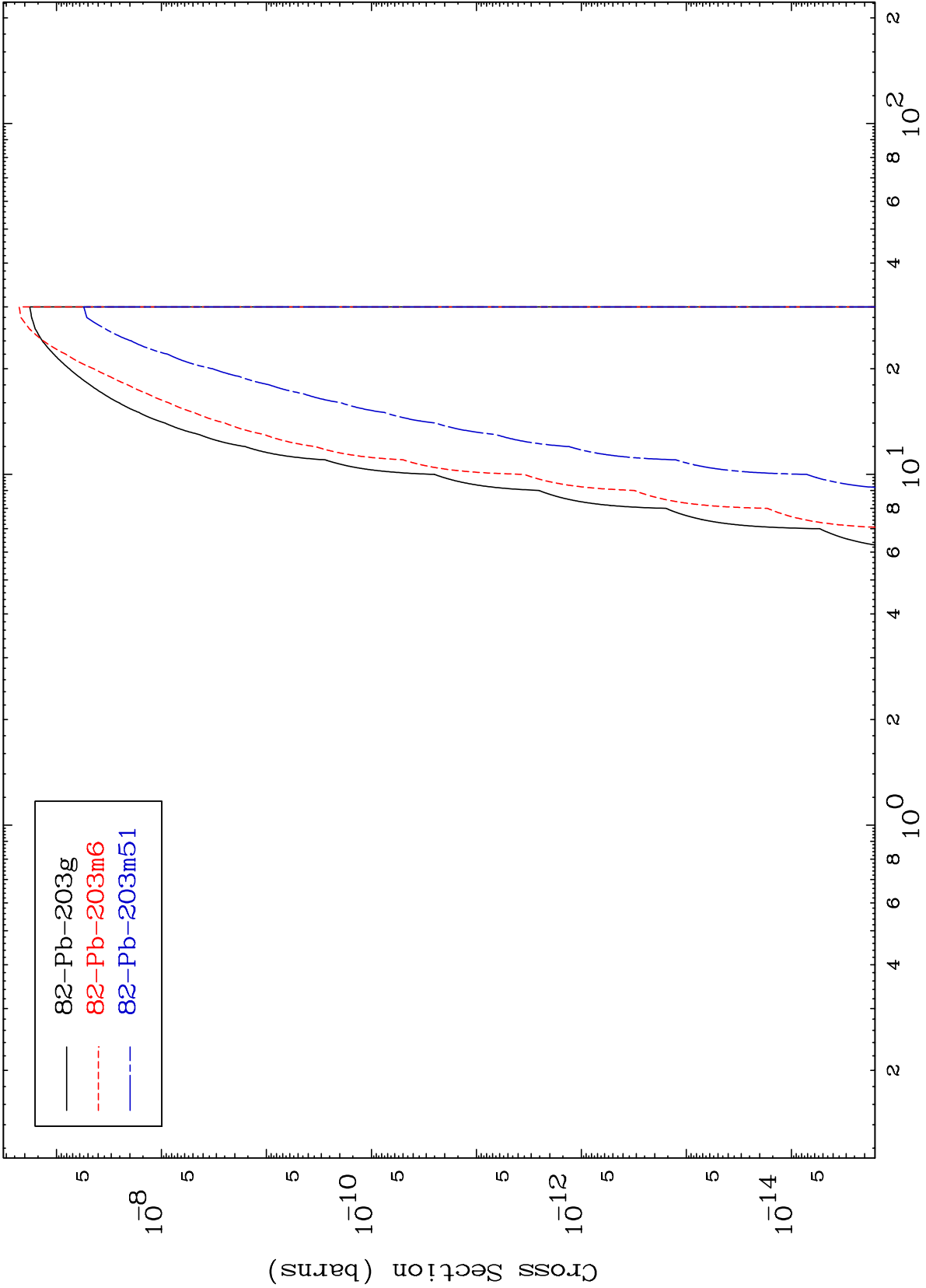


MAT 8543

(n,2α)

85-At-209

Radionuclide Production Cross Section

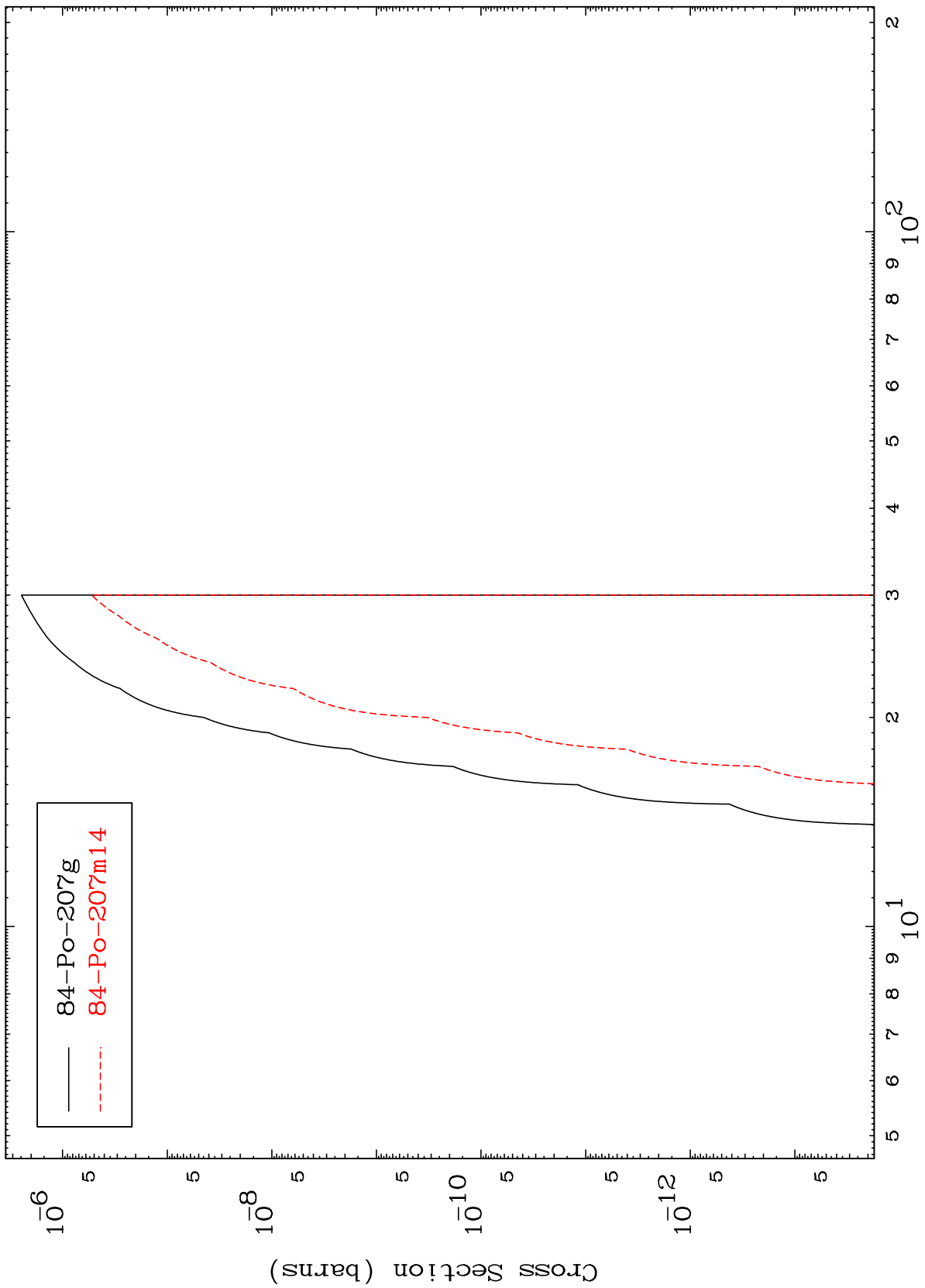


MAT 8543

(n,p) t

85-At-209

Radionuclide Production Cross Section



19

Incident Energy (MeV)

85-At-209