

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

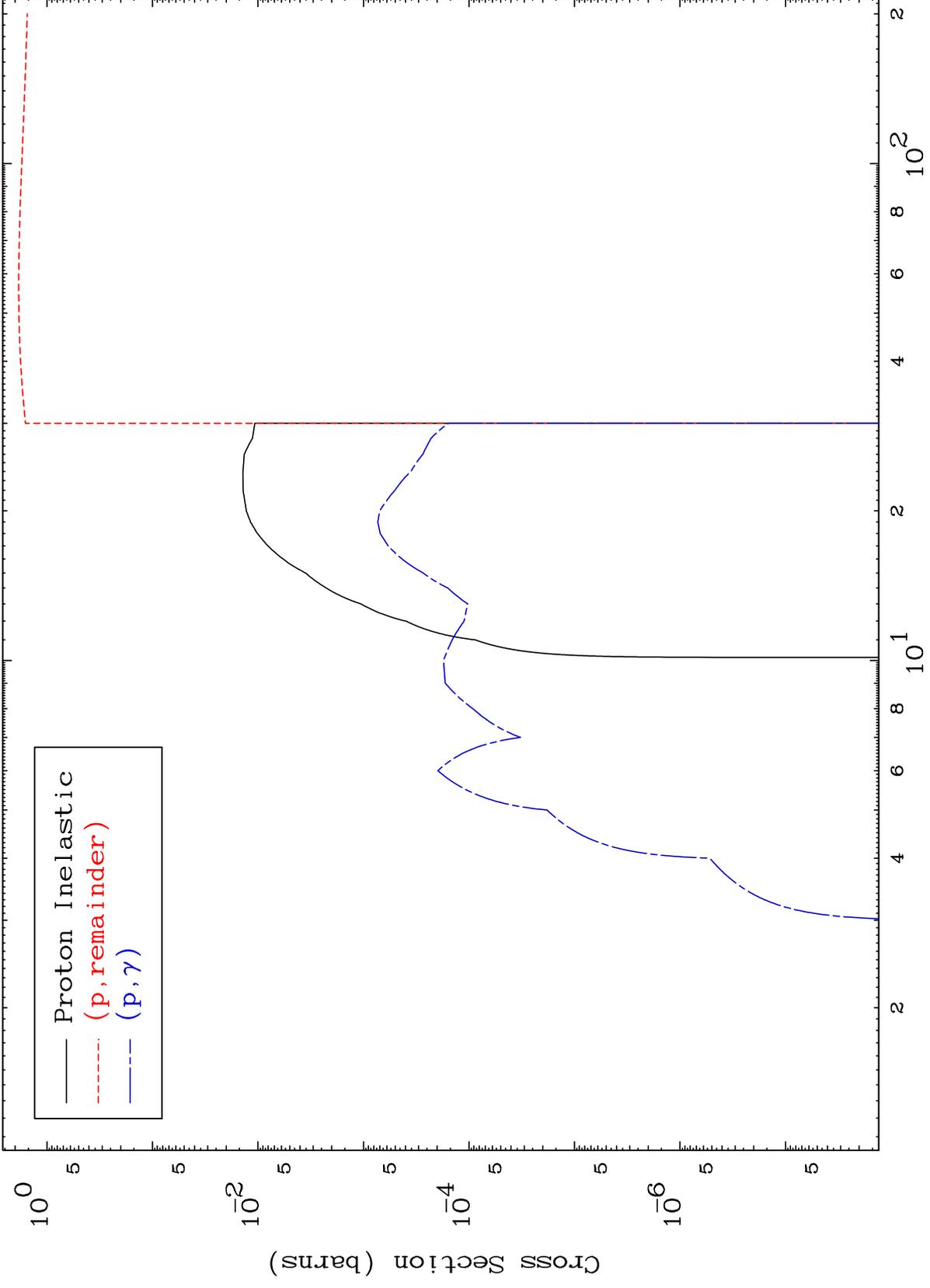
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

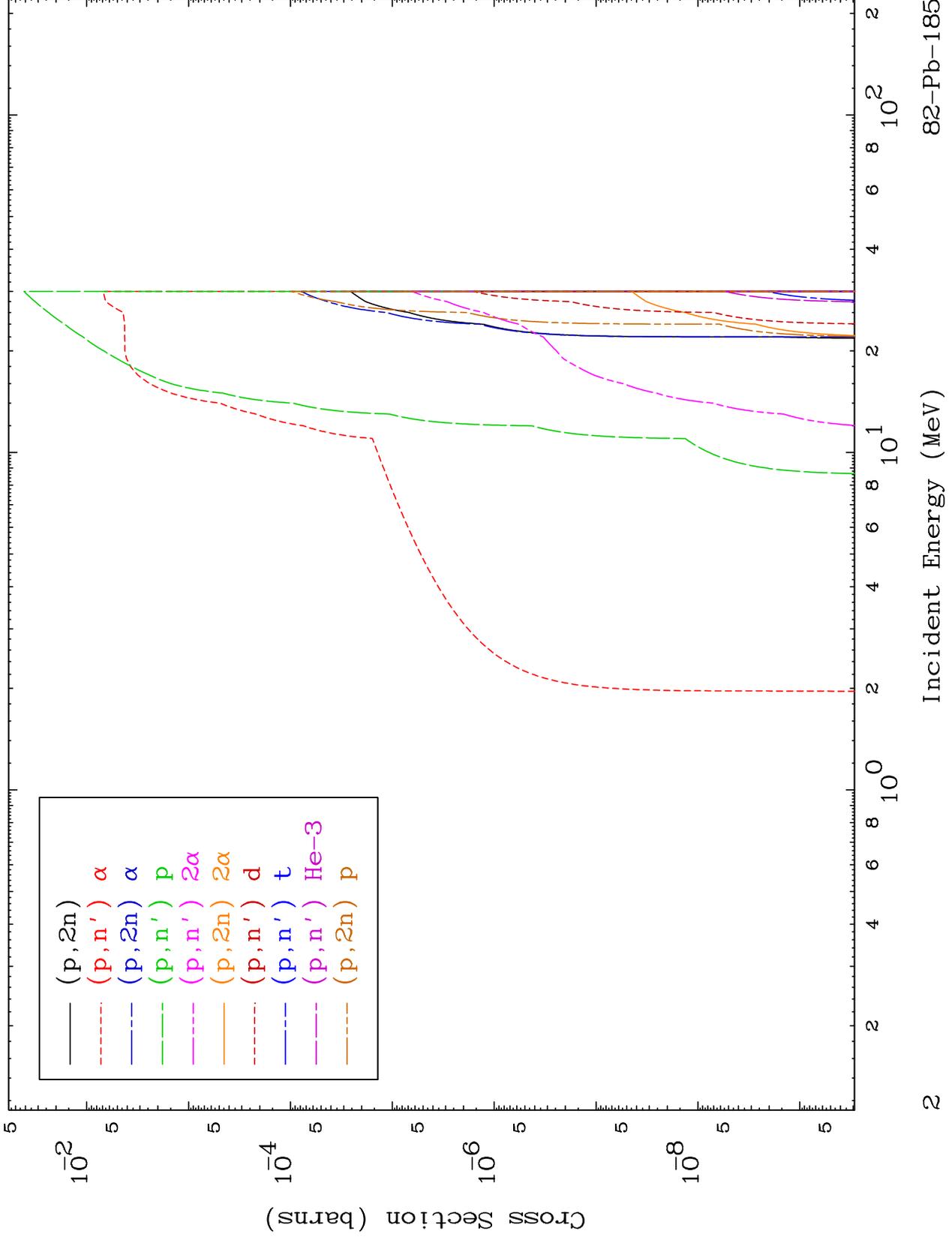
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

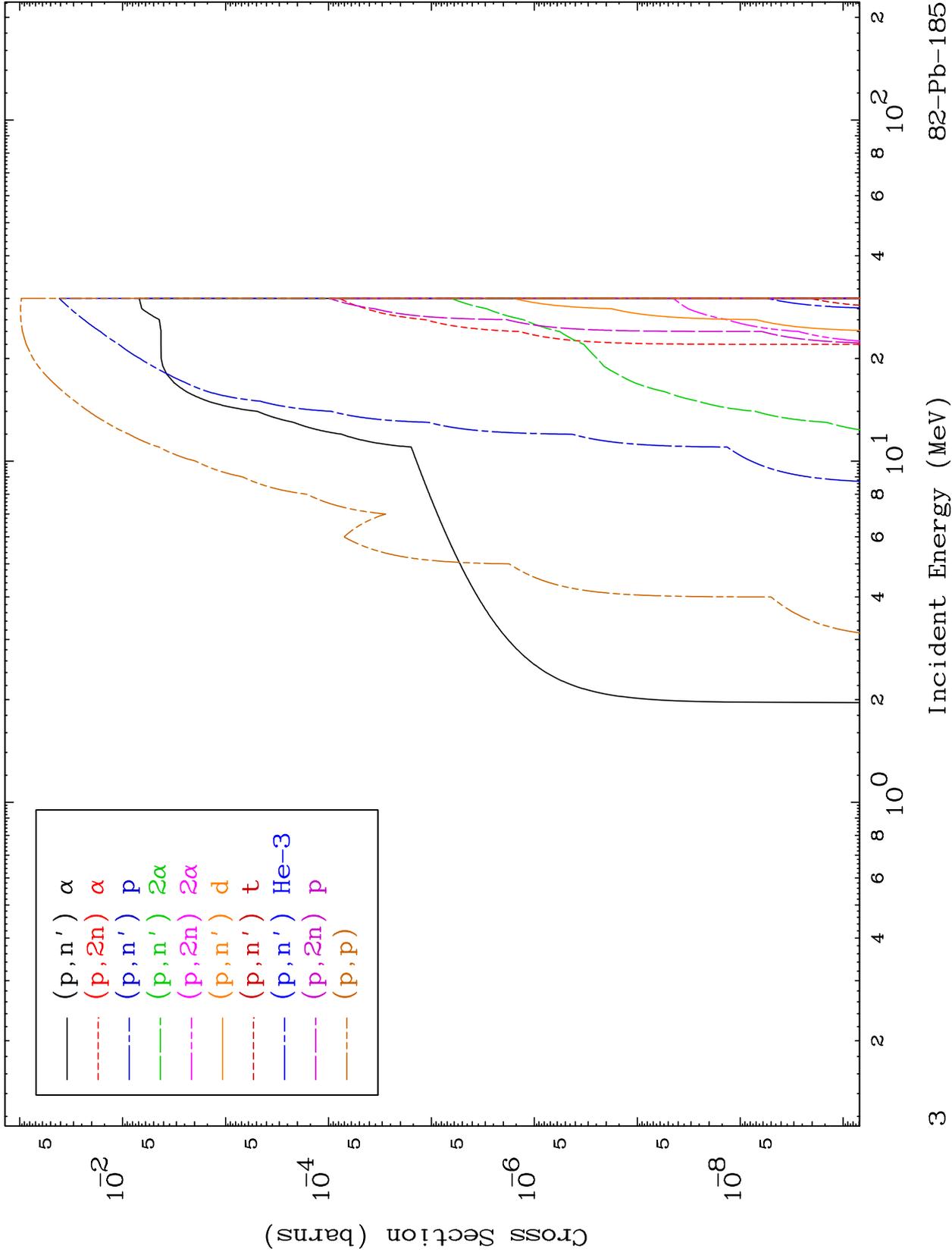
Press Mouse Button to Start

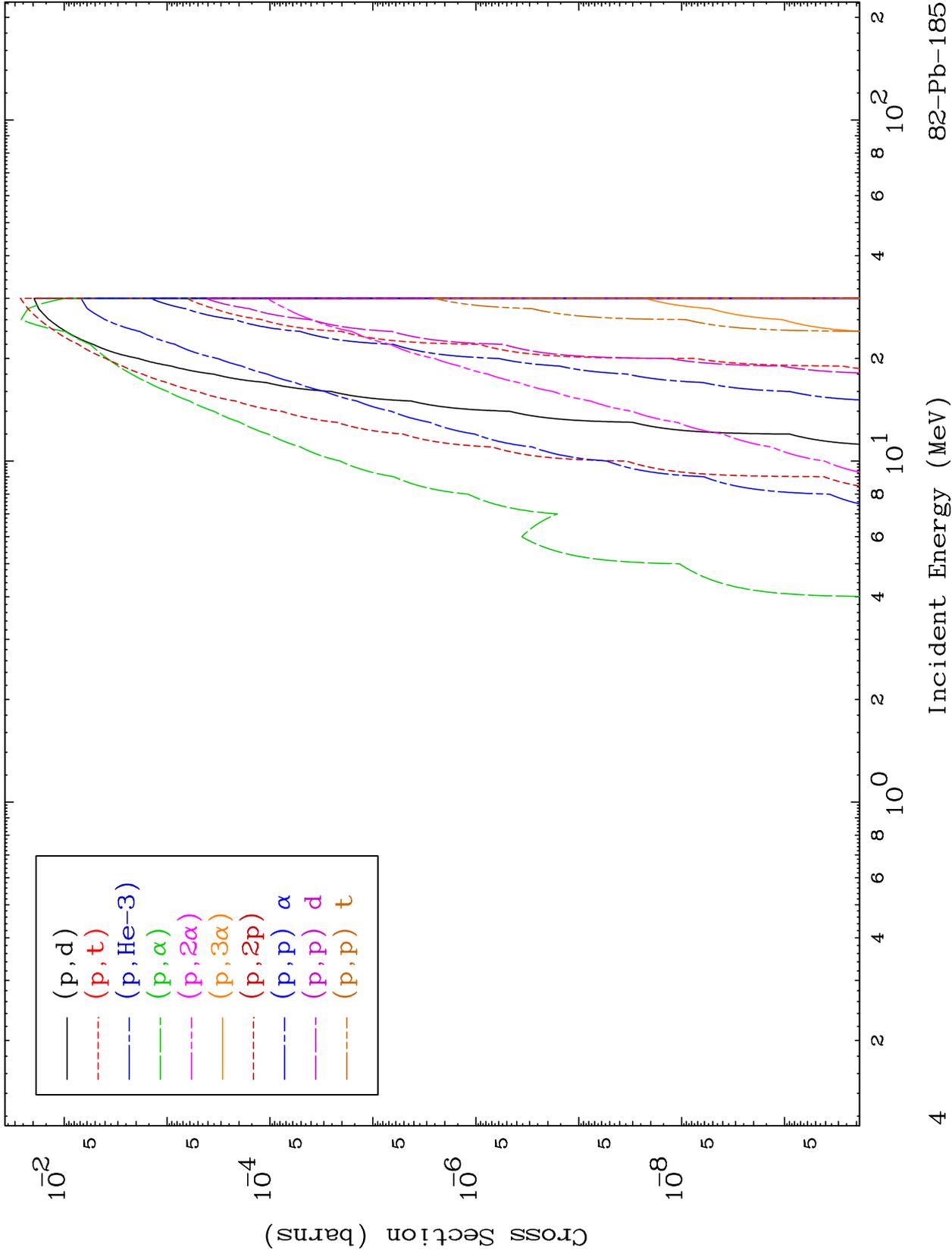
0 Kelvin Cross Sections



— Proton Inelastic  
- - - (p, remainder)  
- · - (p,  $\gamma$ )





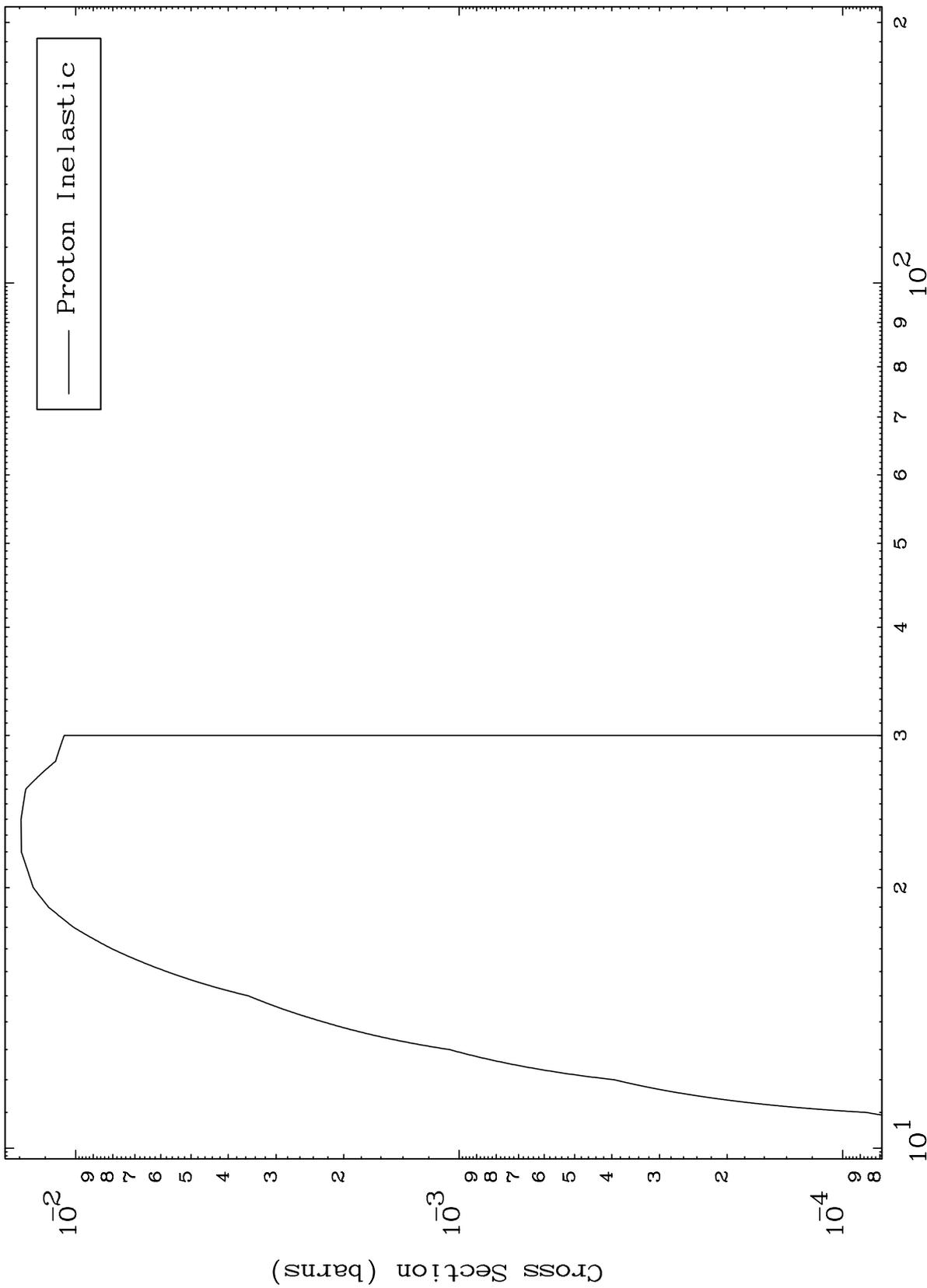


MAT 8168

(p,n') Level

82-Pb-185

0 Kelvin Cross Sections



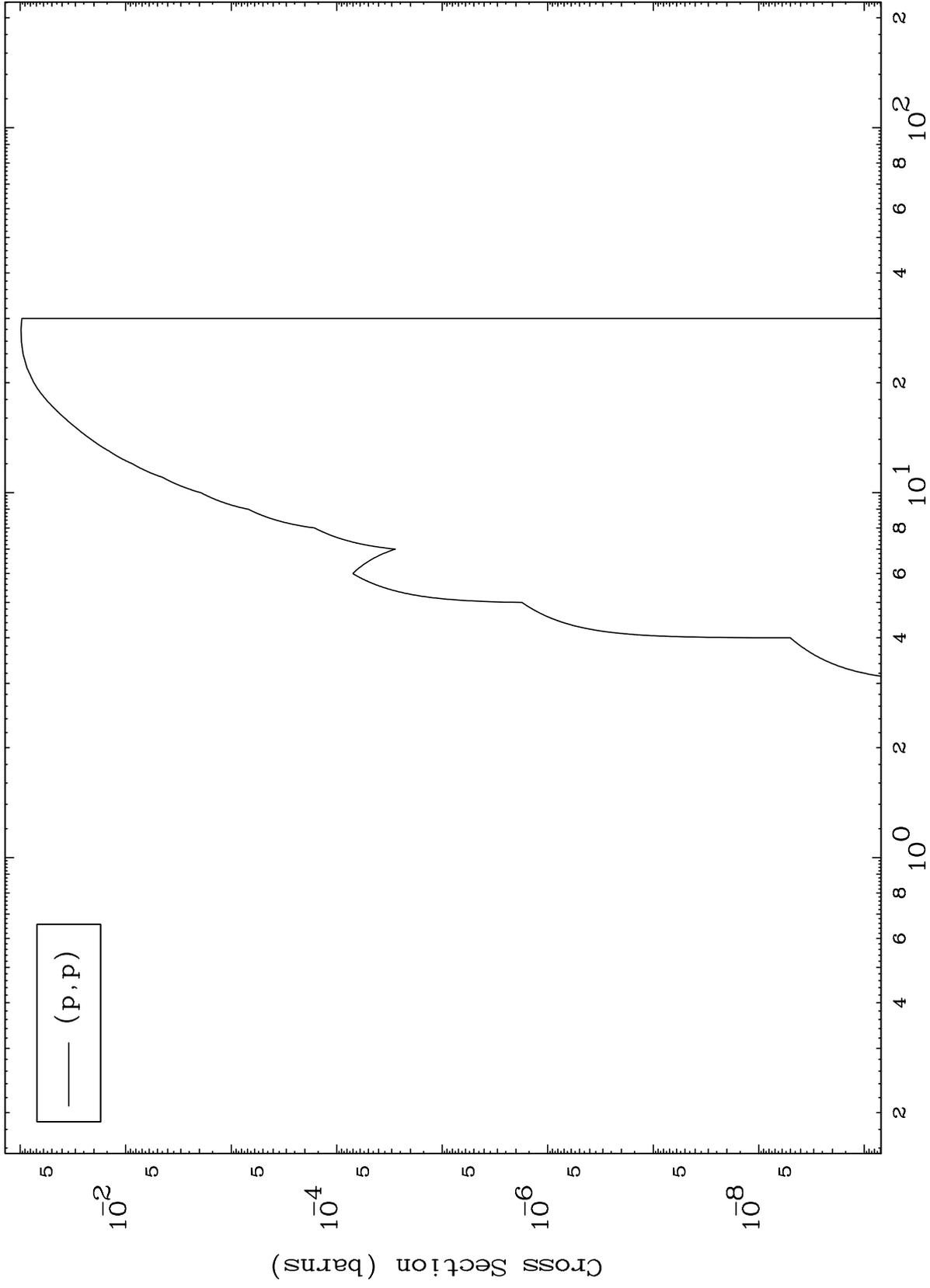
Incident Energy (MeV)

82-Pb-185

MAT 8168

(p,p) Levels  
0 Kelvin Cross Sections

82-Pb-185



6

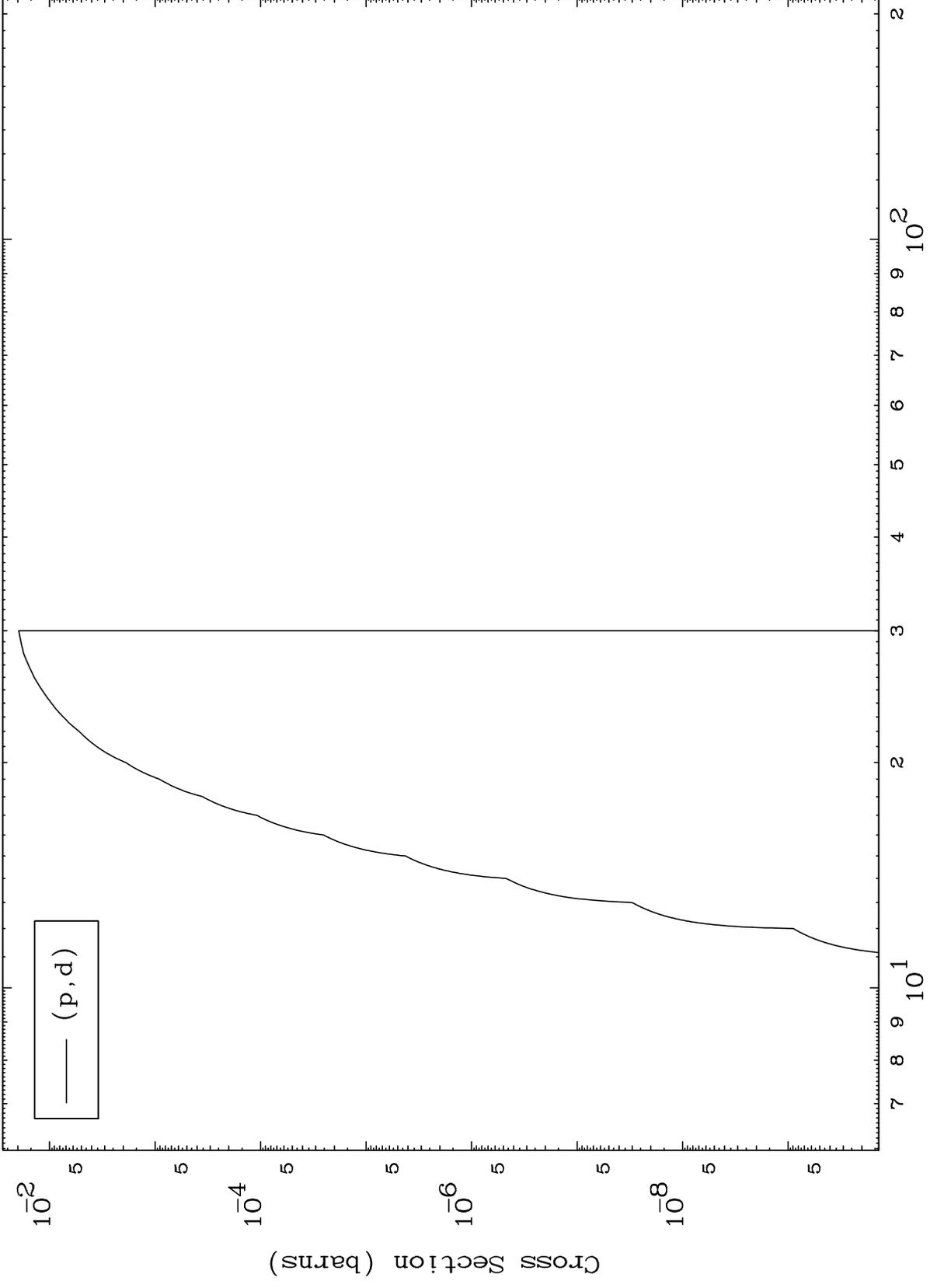
Incident Energy (MeV)

82-Pb-185

MAT 8168

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-185



7

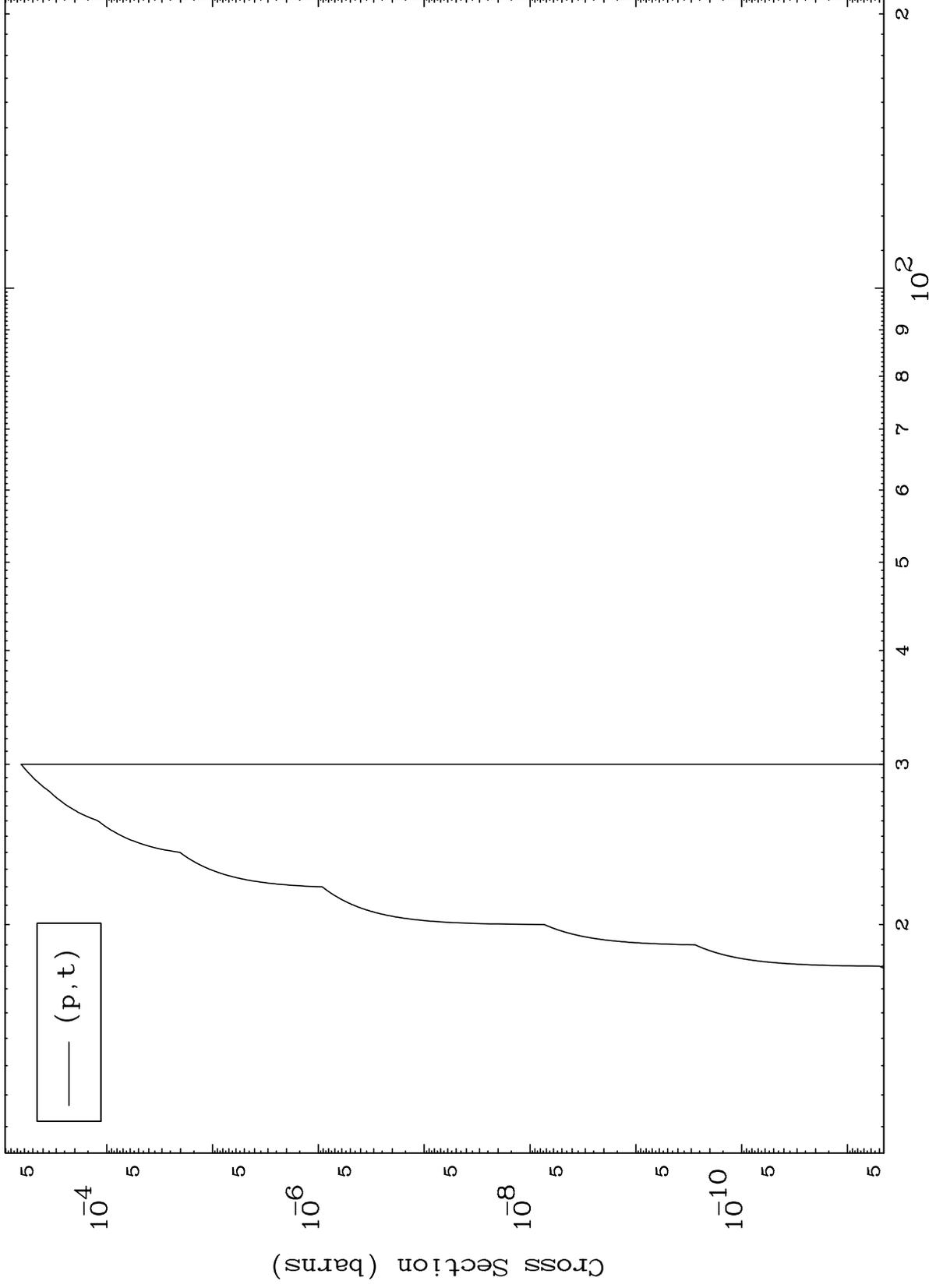
Incident Energy (MeV)

82-Pb-185

MAT 8168

(p,t) Levels  
0 Kelvin Cross Sections

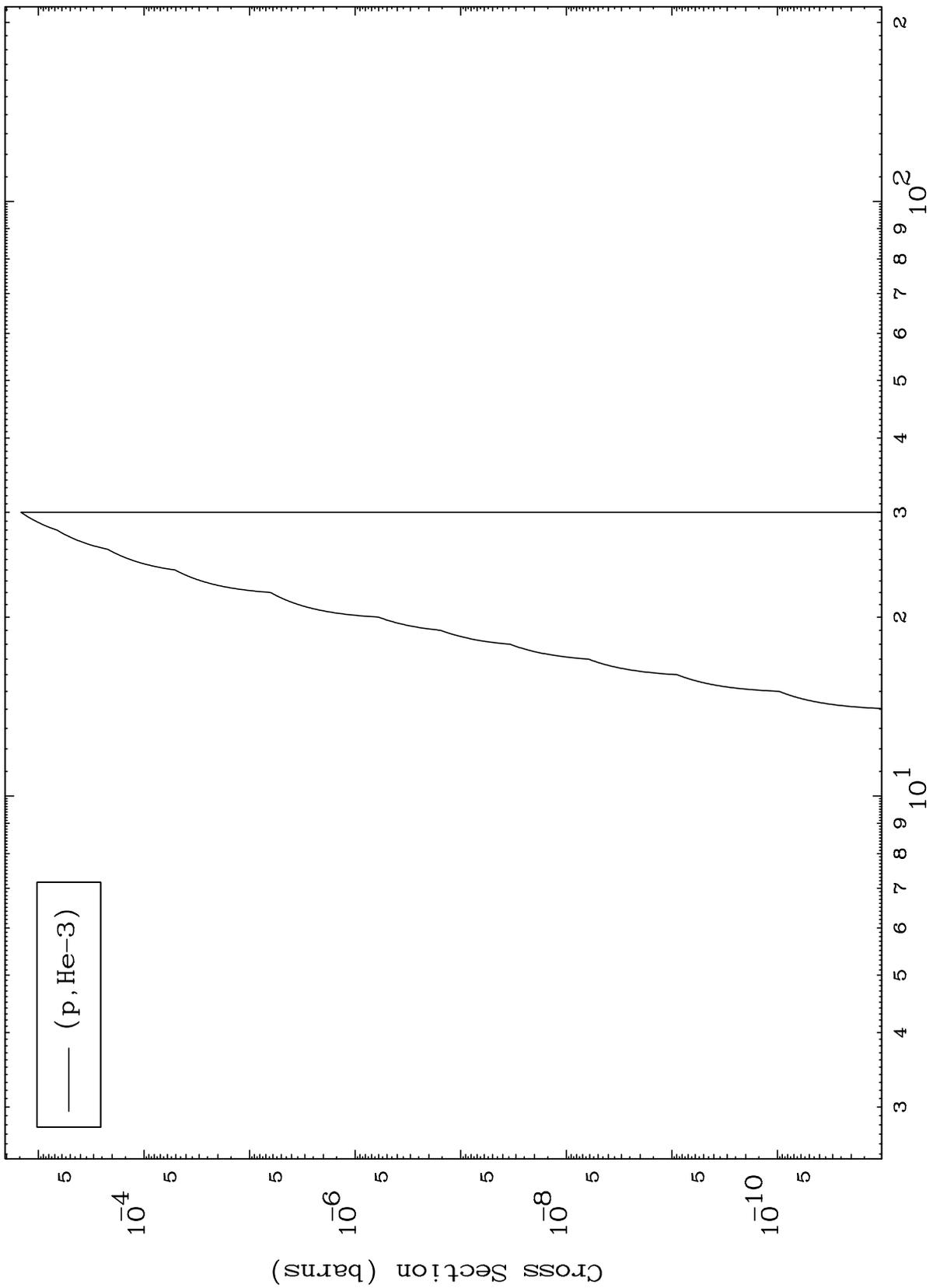
82-Pb-185



MAT 8168

82-Pb-185

(p,He3) Levels  
0 Kelvin Cross Sections

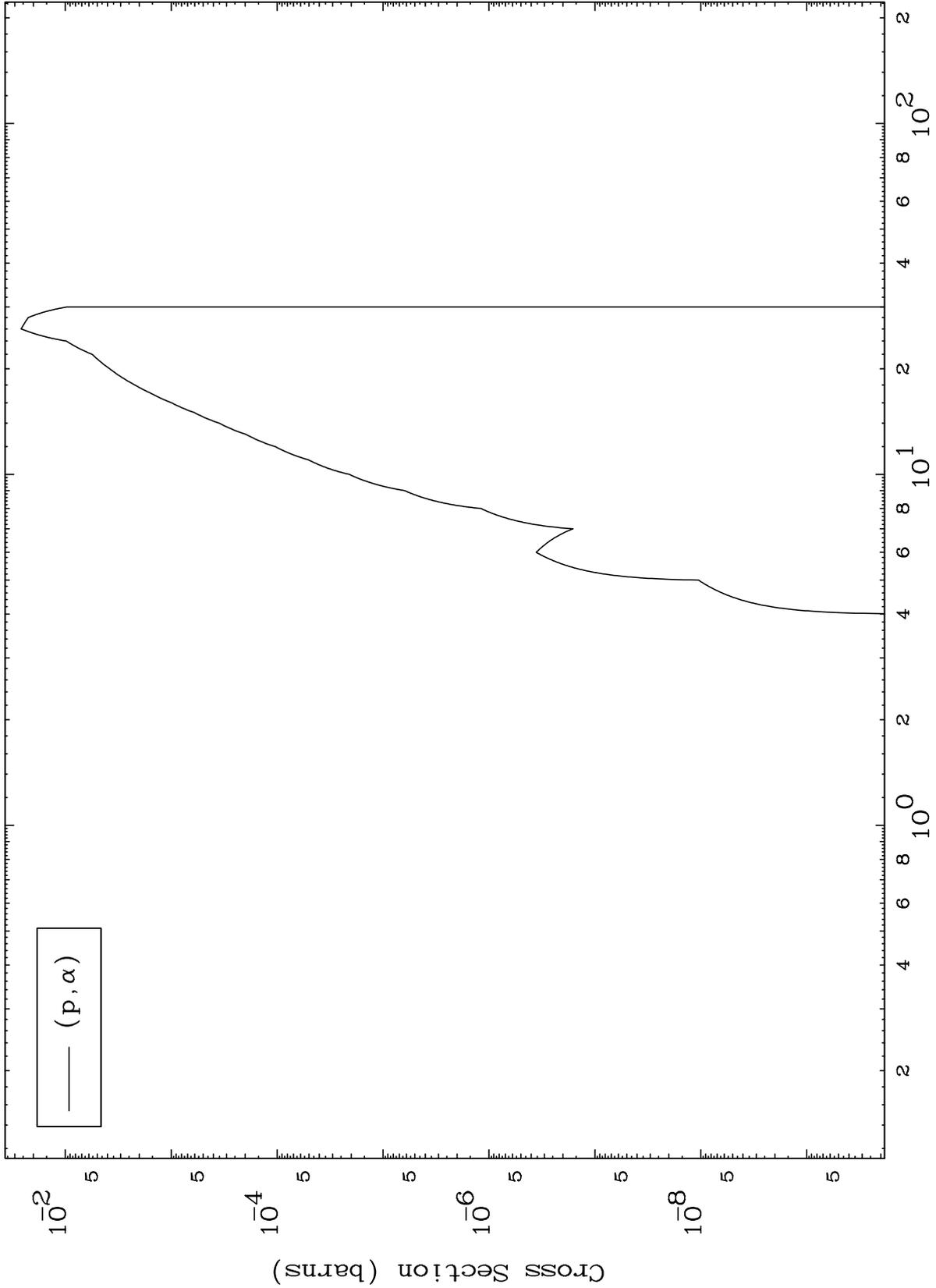


MAT 8168

(p,  $\alpha$ ) Levels

82-Pb-185

0 Kelvin Cross Sections



— (p,  $\alpha$ )

10

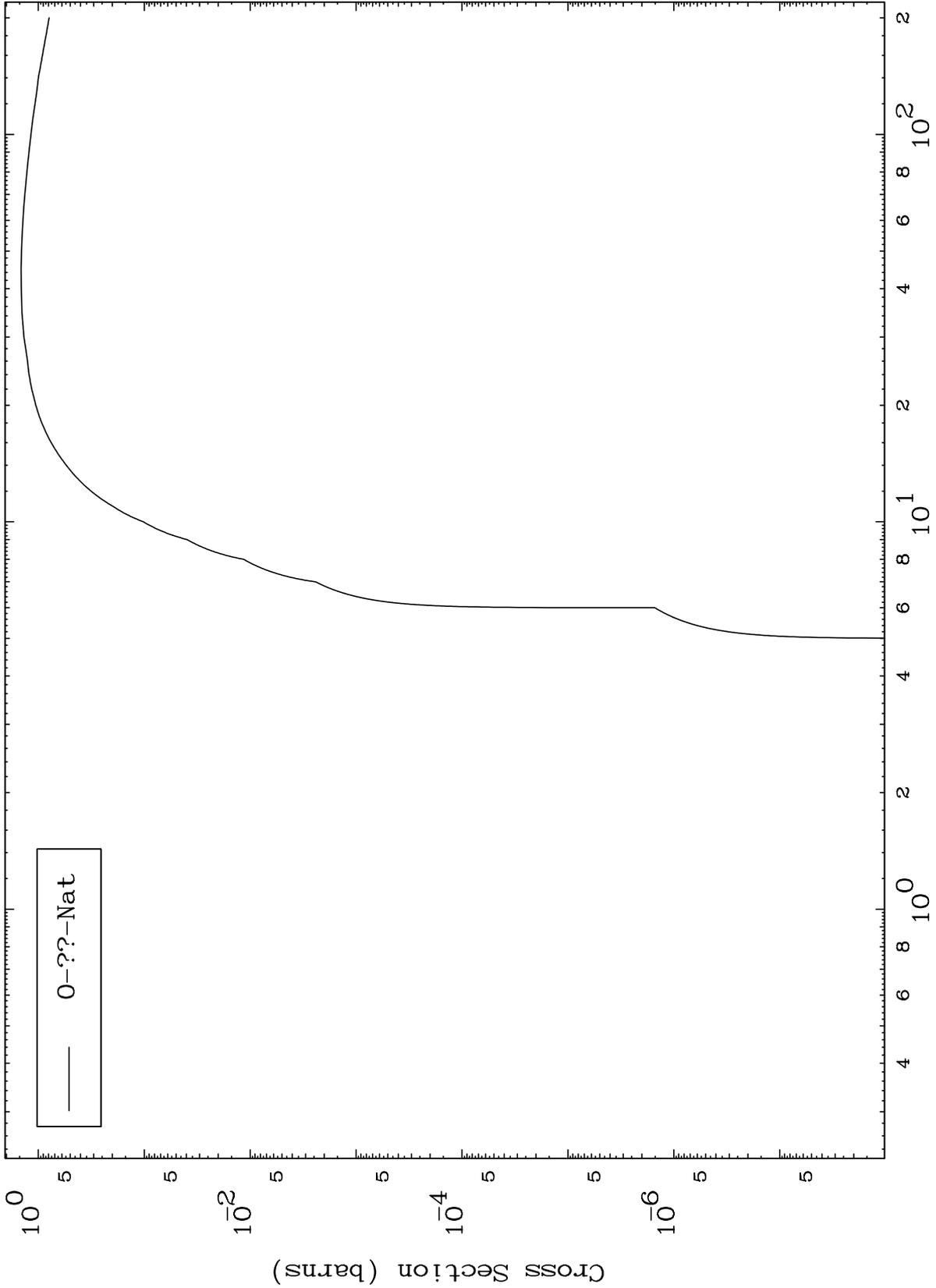
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

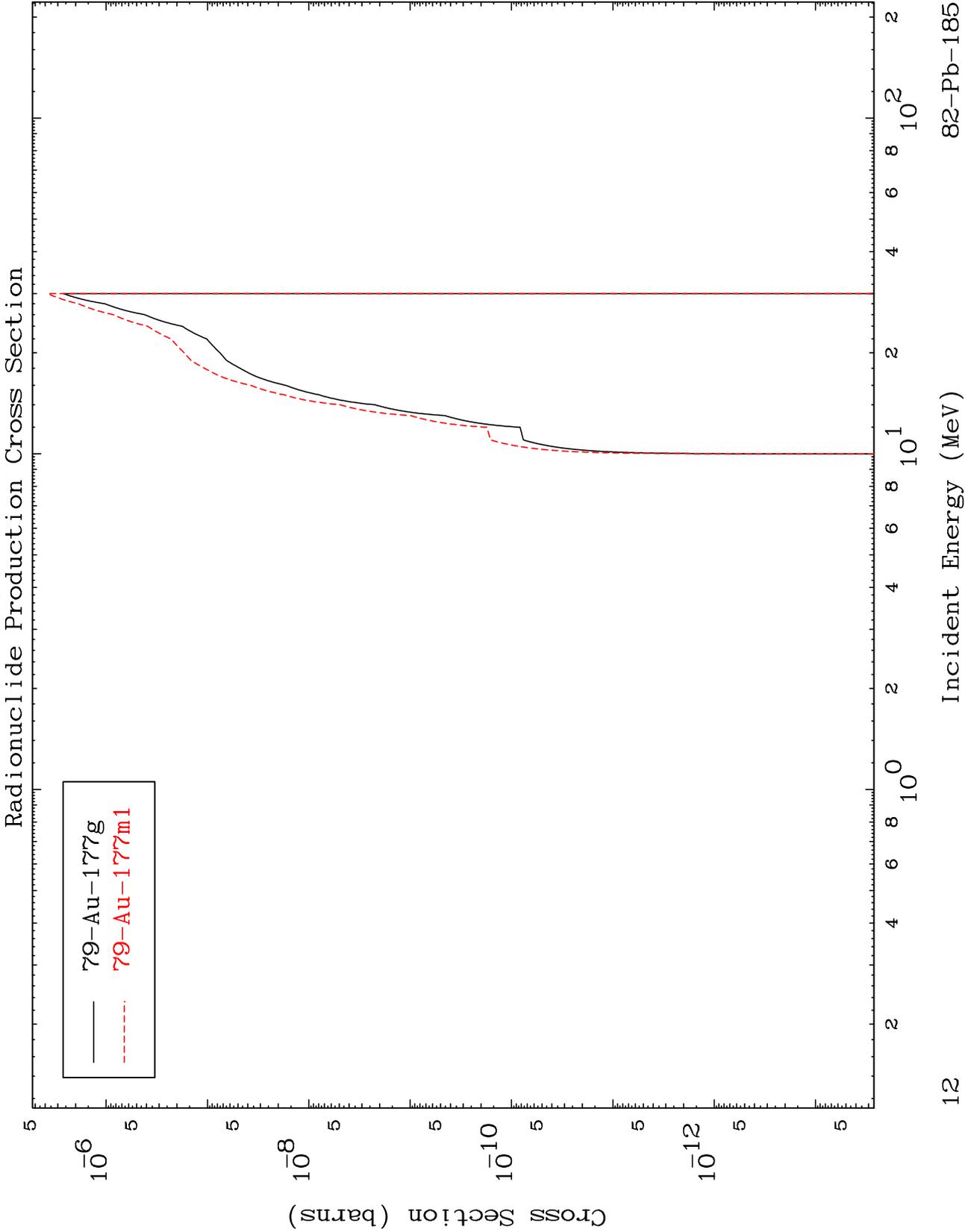
Proton Fission  
Radionuclide Production Cross Section



MAT 8168

(p,n') 2 $\alpha$

82-Pb-185

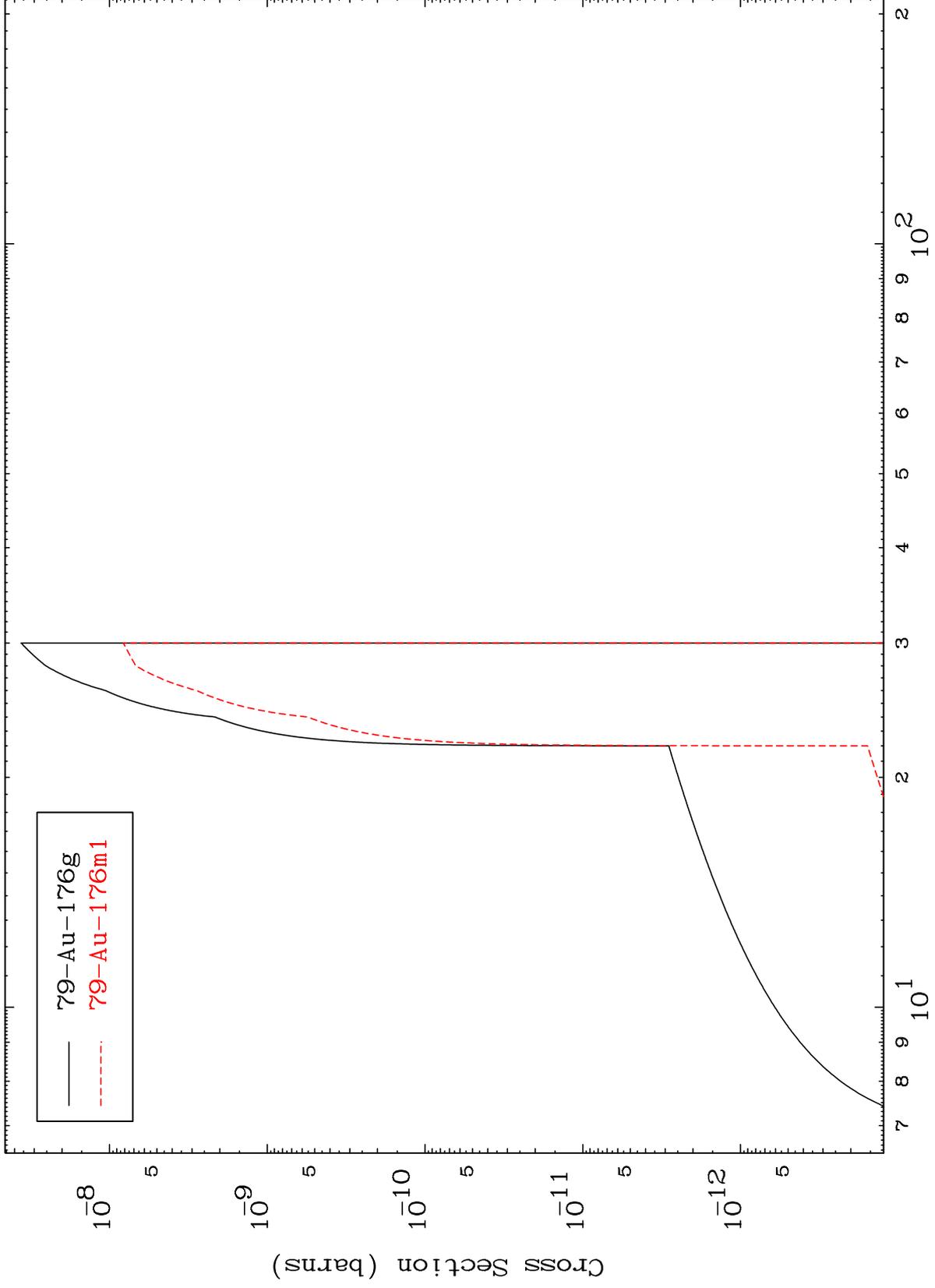


MAT 8168

(p,2n) 2 $\alpha$

82-Pb-185

Radionuclide Production Cross Section



79-Au-176g  
79-Au-176m1

13

Incident Energy (MeV)

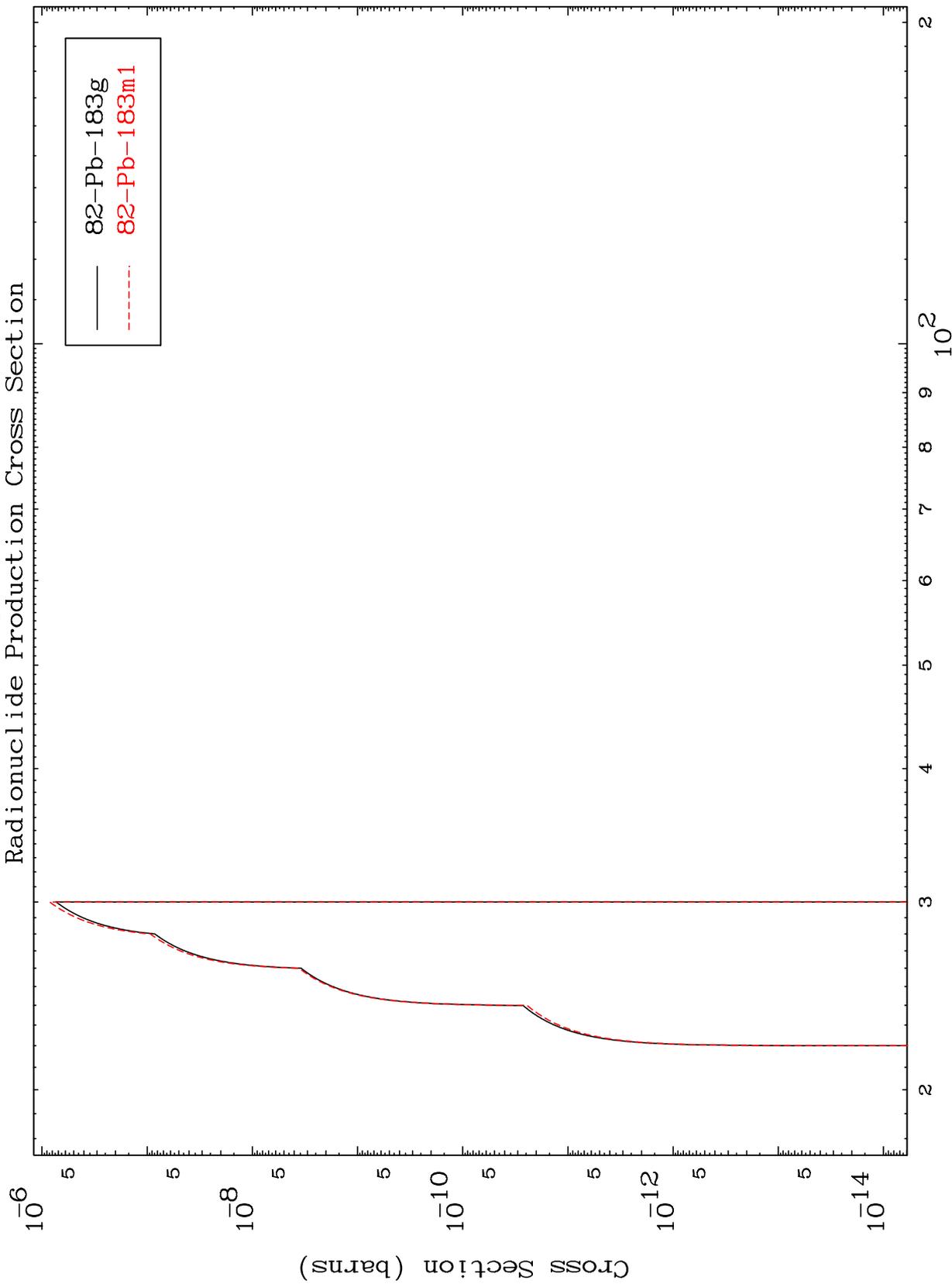
82-Pb-185

MAT 8168

(p,n') d

82-Pb-185

Radionuclide Production Cross Section



14

Incident Energy (MeV)

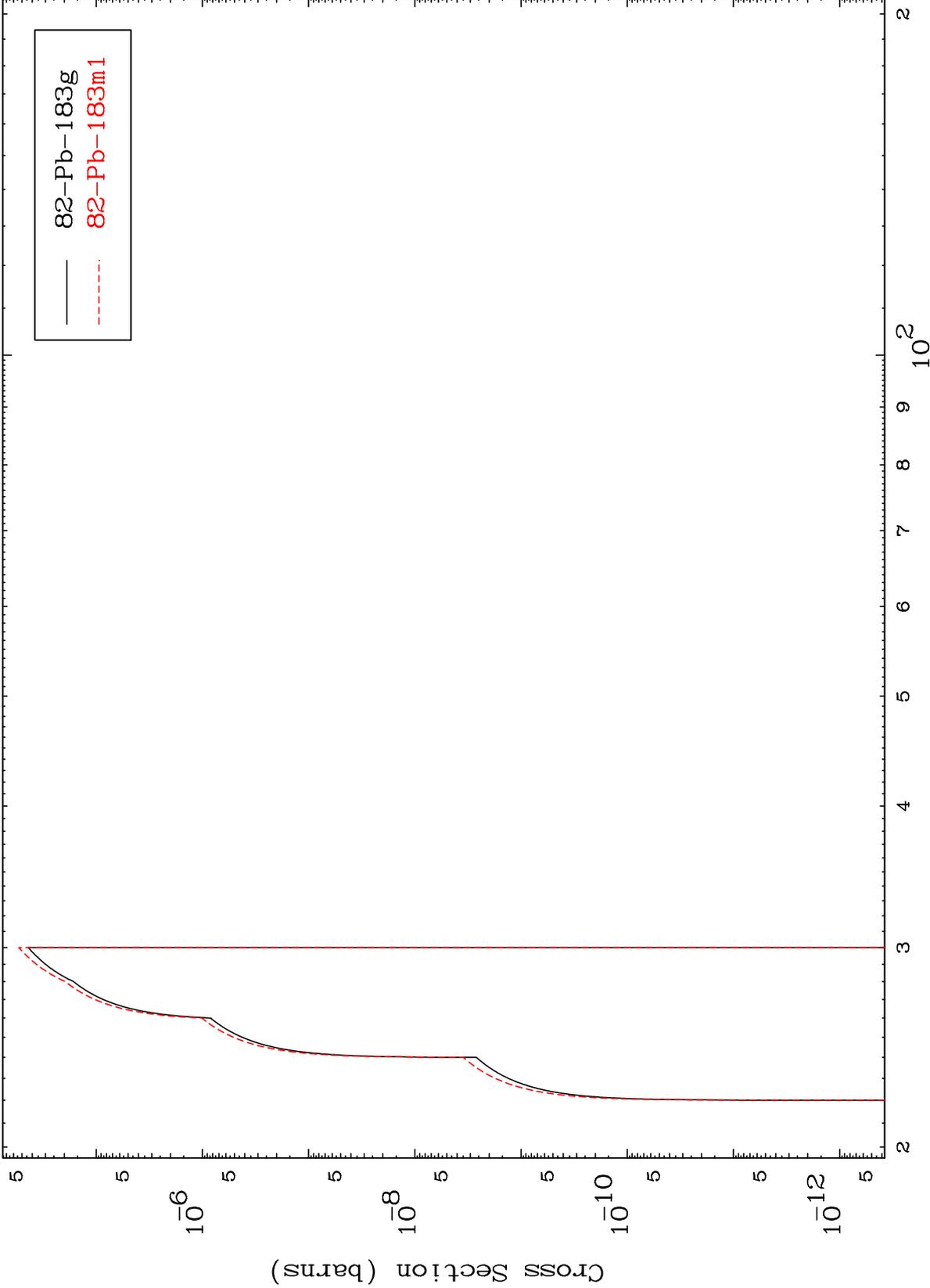
82-Pb-185

MAT 8168

(p,2n) p

82-Pb-185

Radionuclide Production Cross Section



15

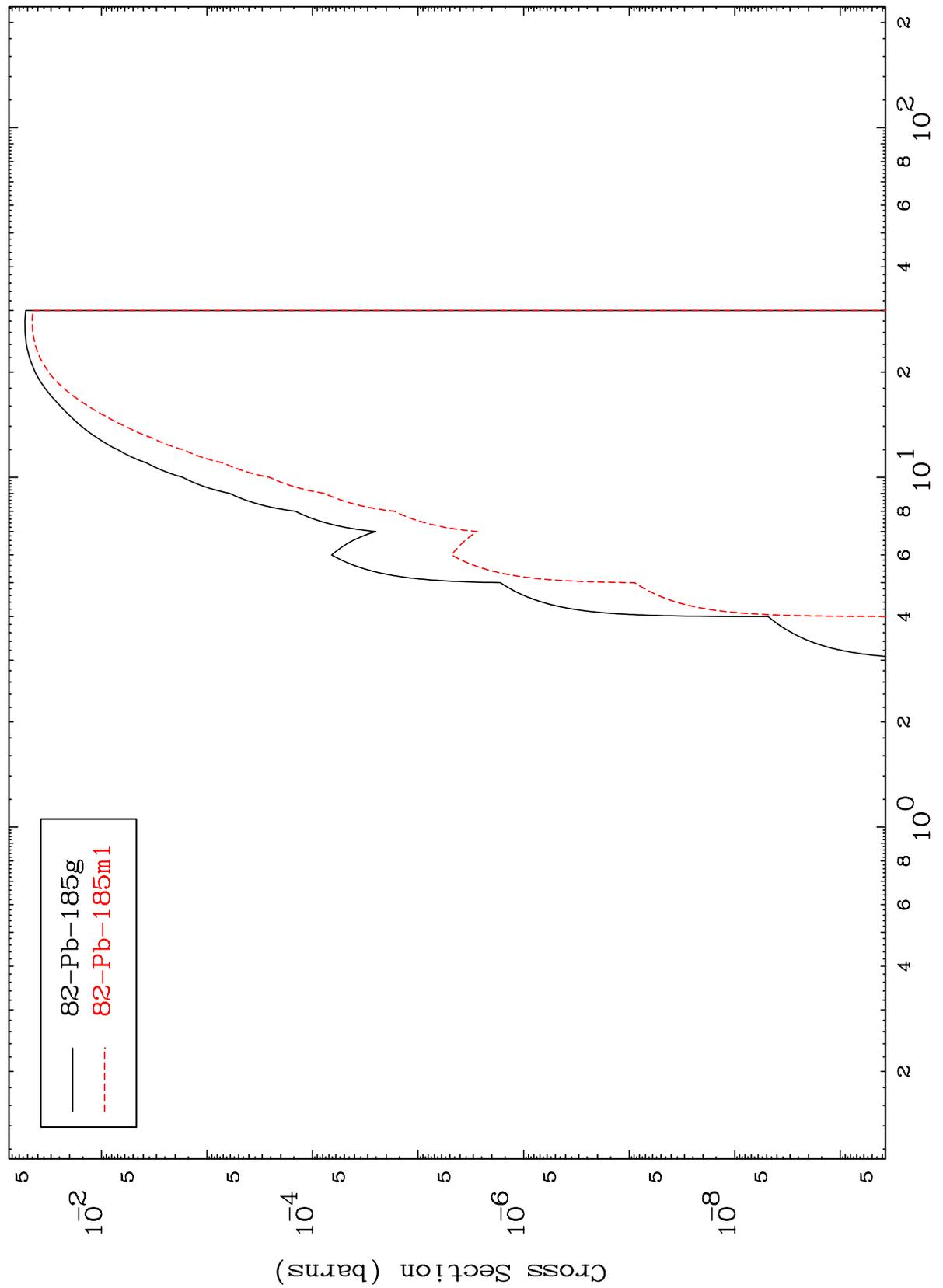
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

(p,p)  
Radionuclide Production Cross Section

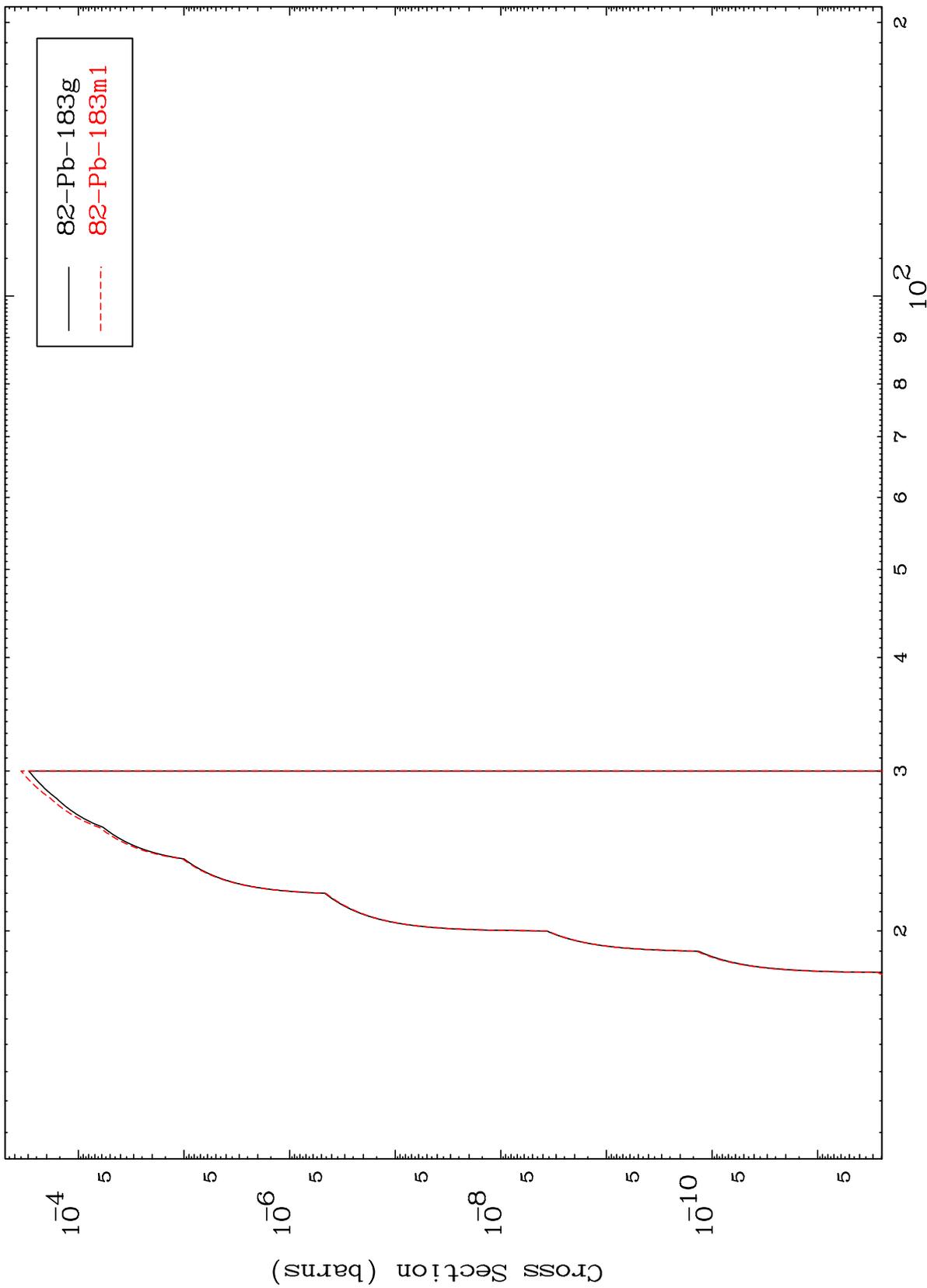


16

82-Pb-185

Incident Energy (MeV)

(p, t)  
Radionuclide Production Cross Section



MAT 8168

(p,3 $\alpha$ )

82-Pb-185

