

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

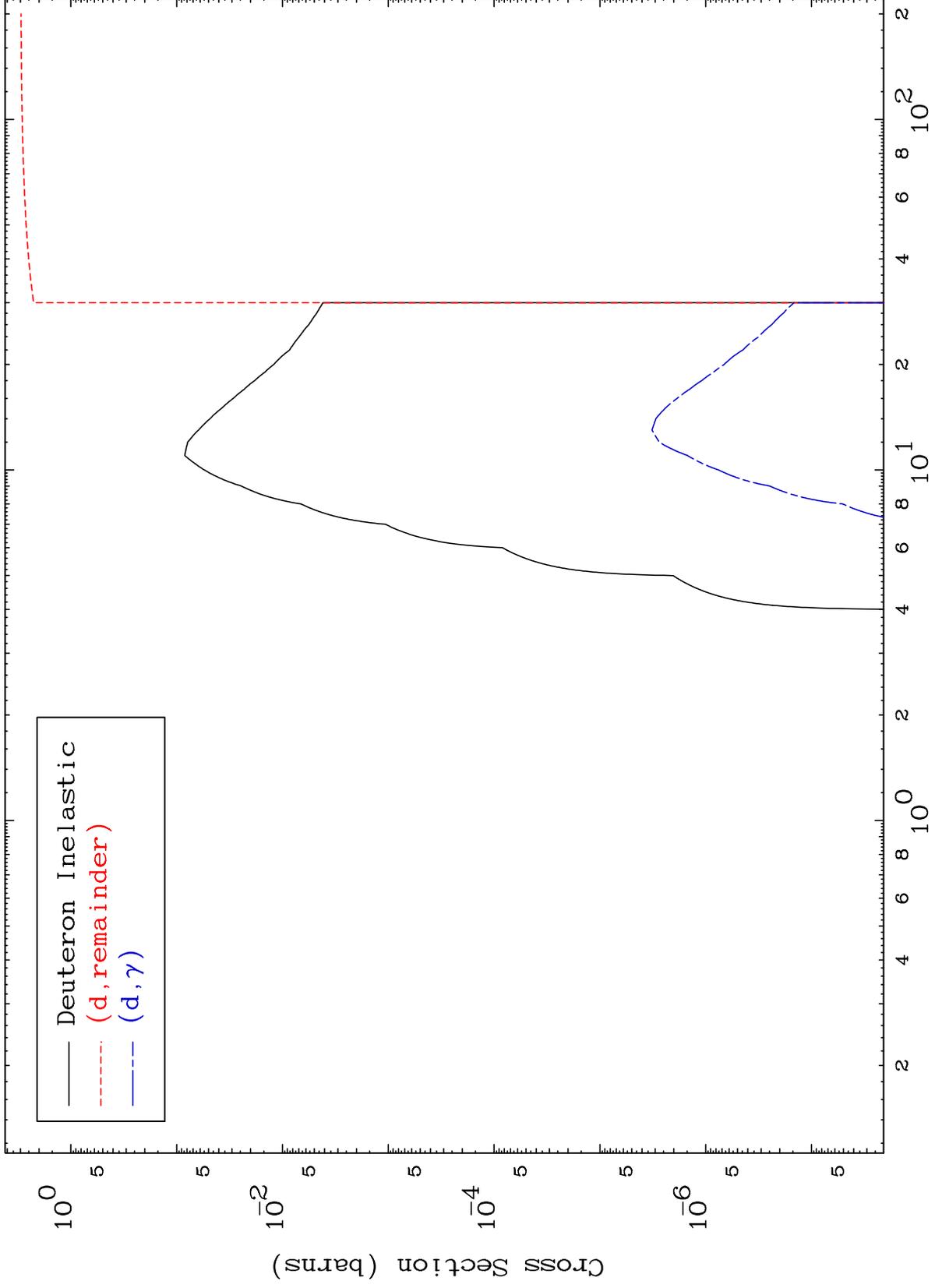
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Livermore, CA 94550  
U.S.A.

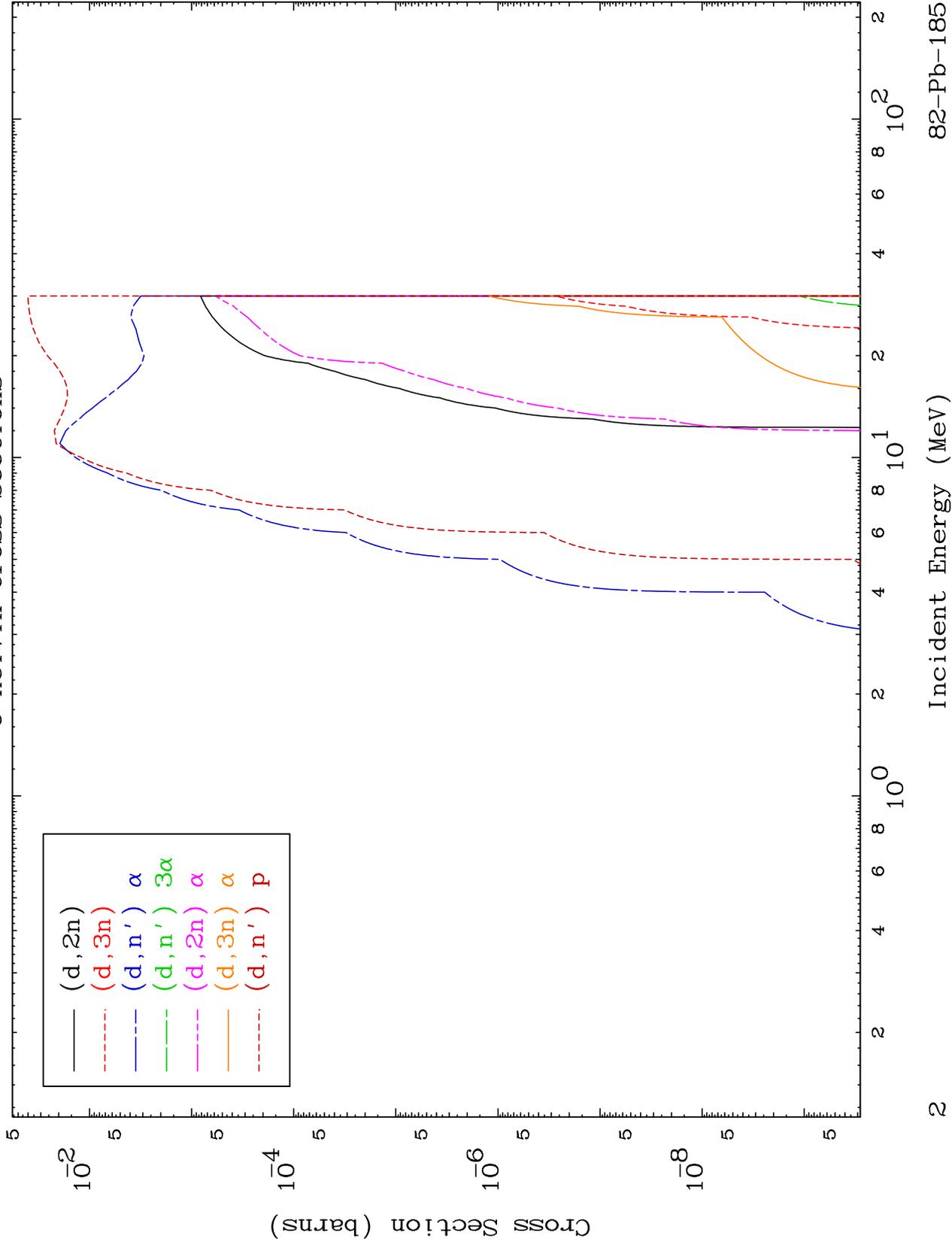
Tele: 925-443-1911

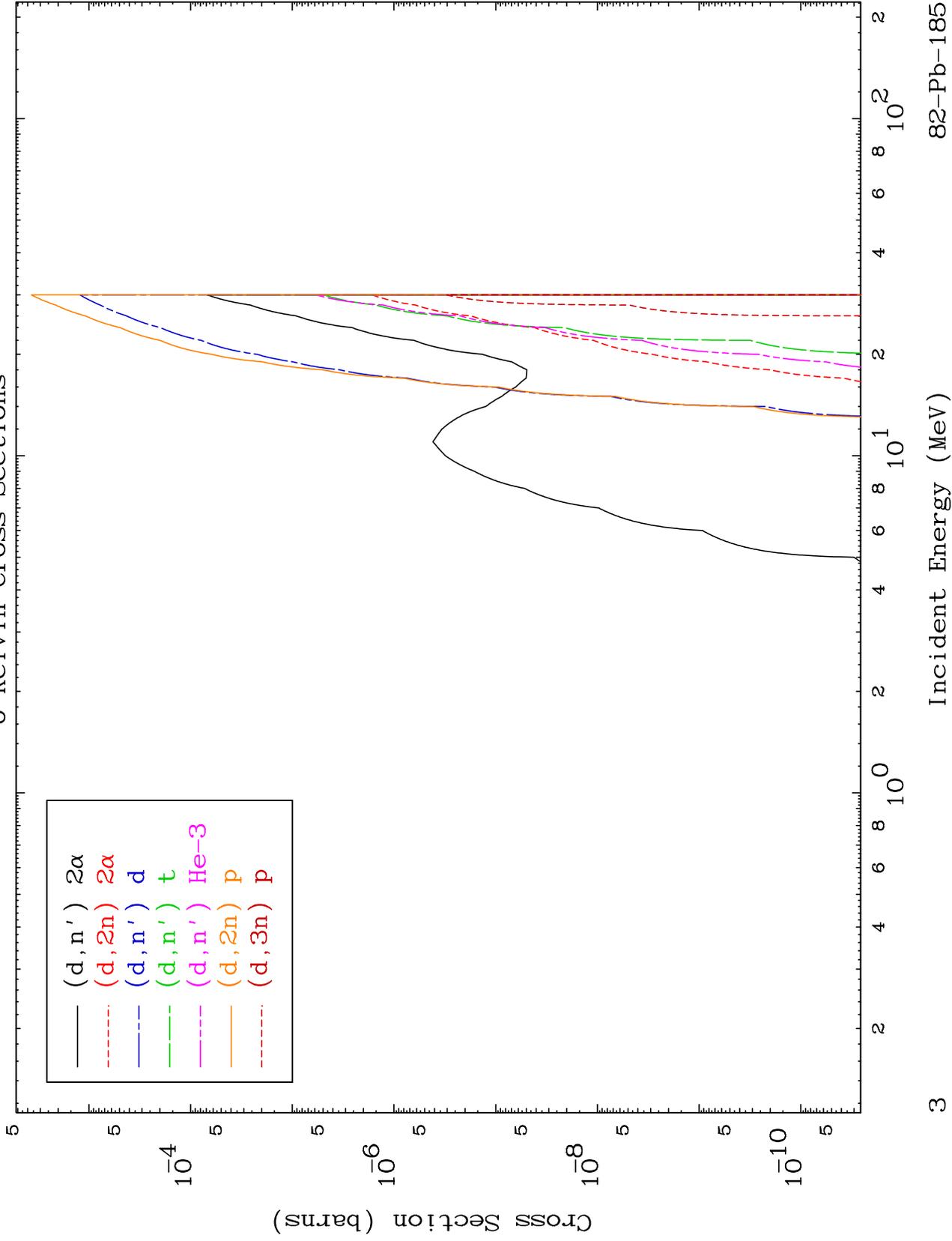
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

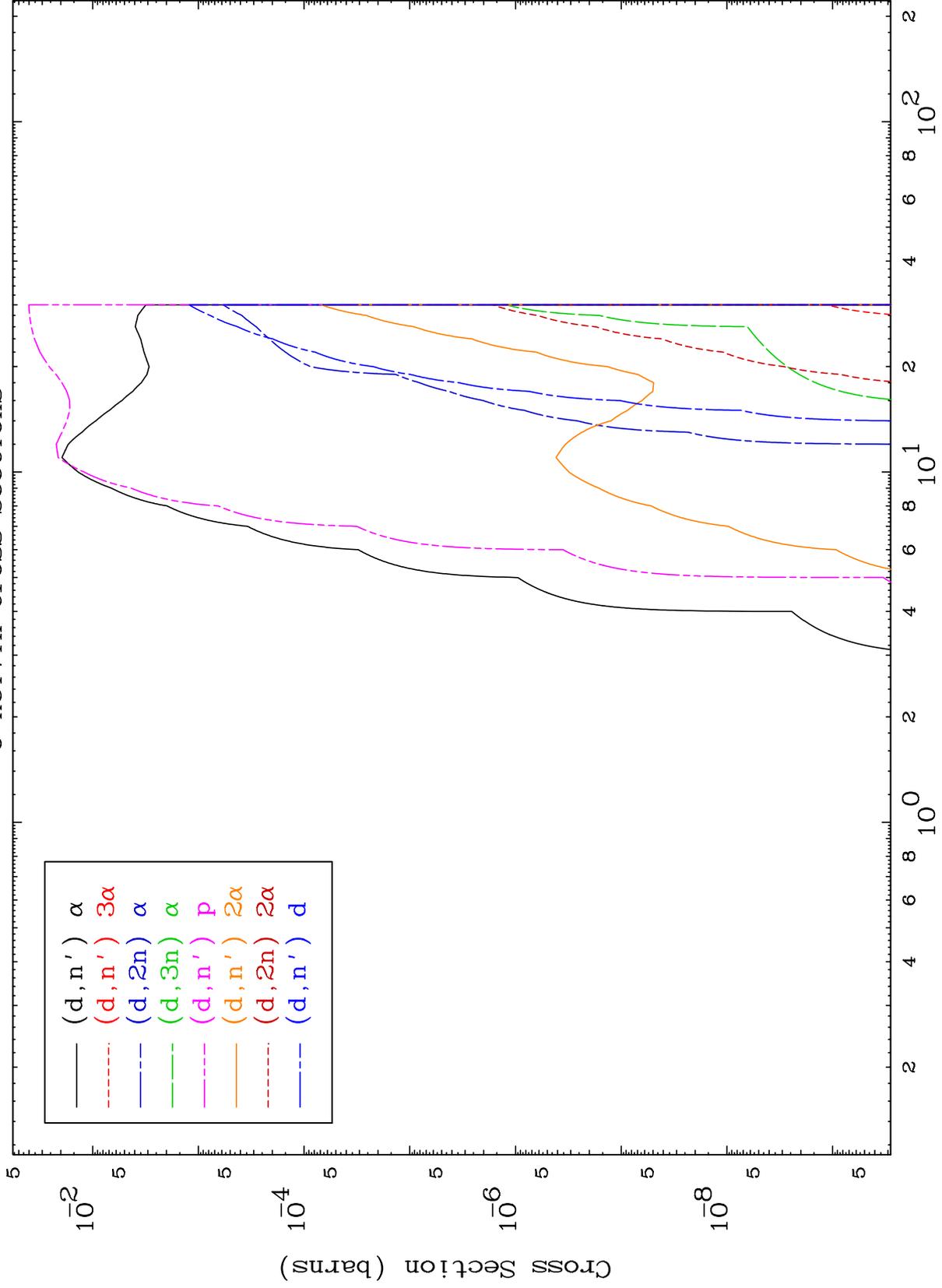
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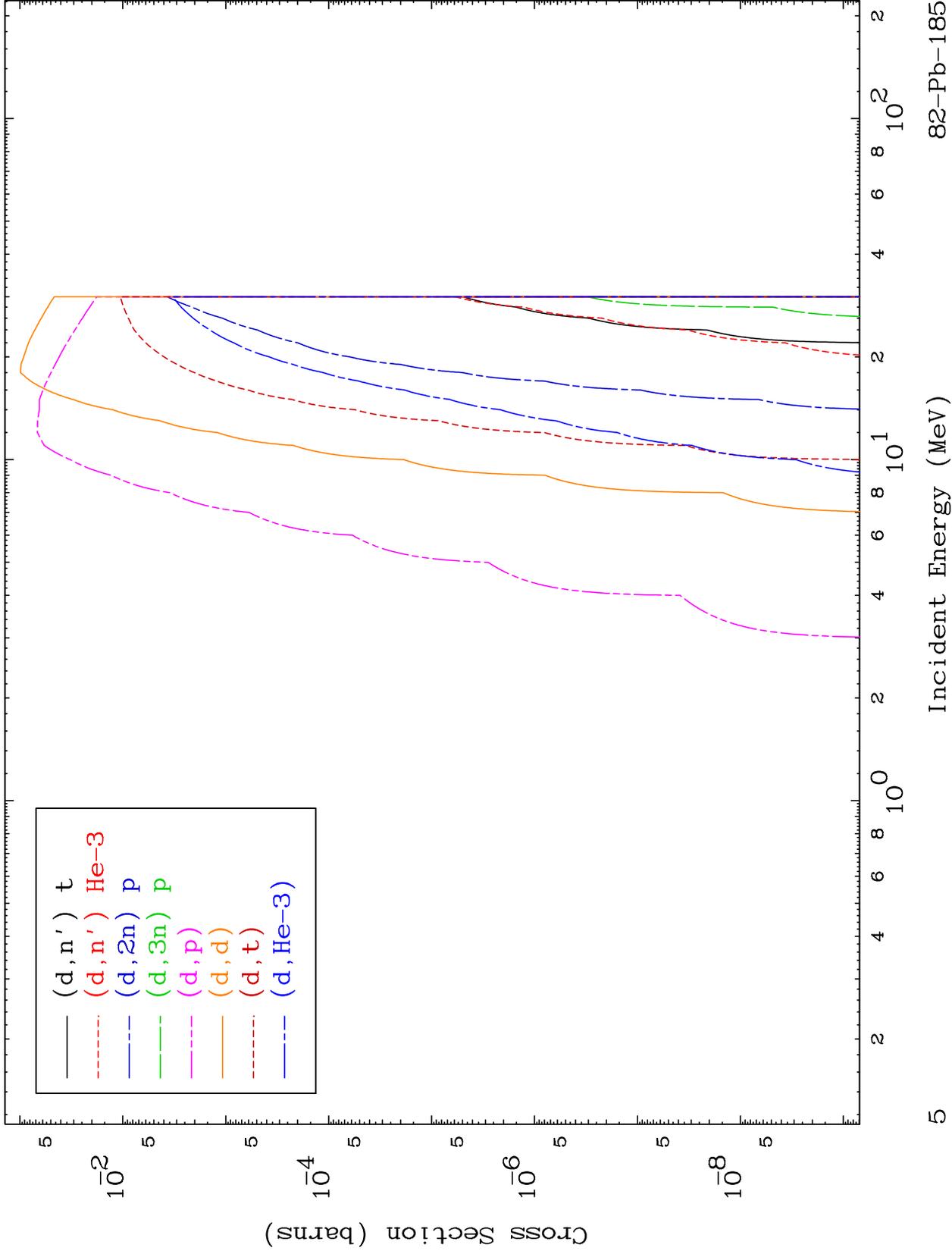
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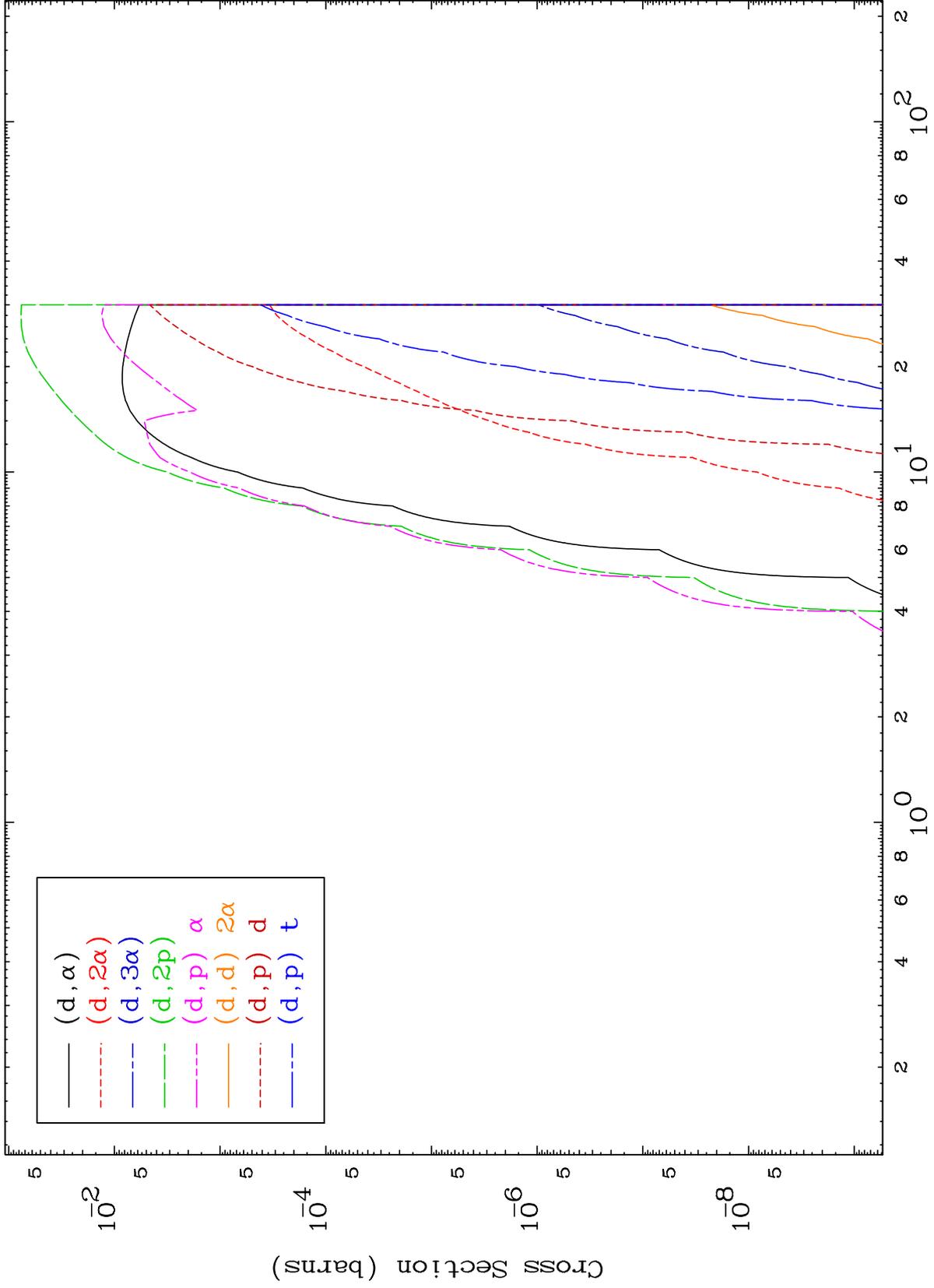




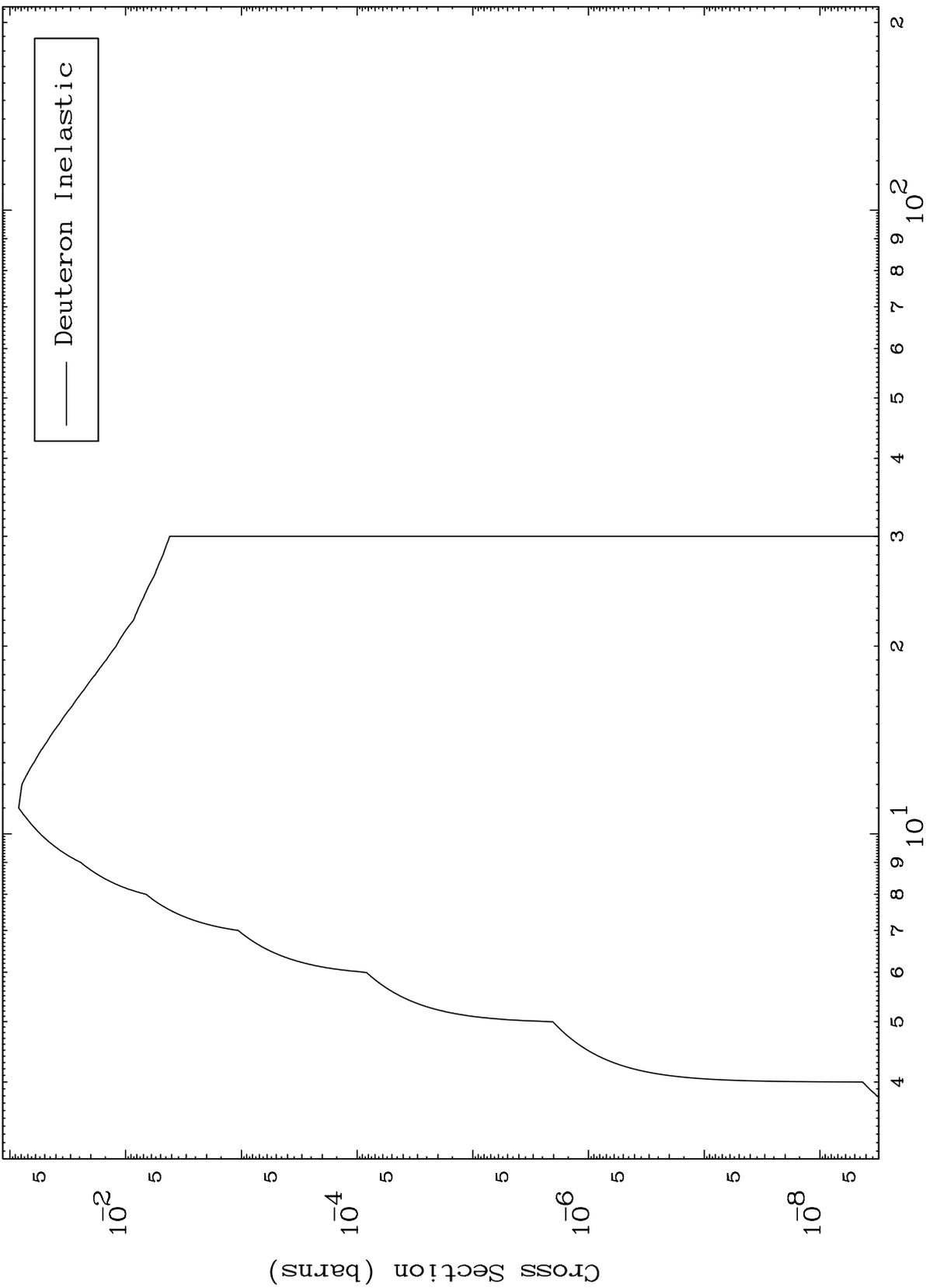








(d,n') Level  
0 Kelvin Cross Sections

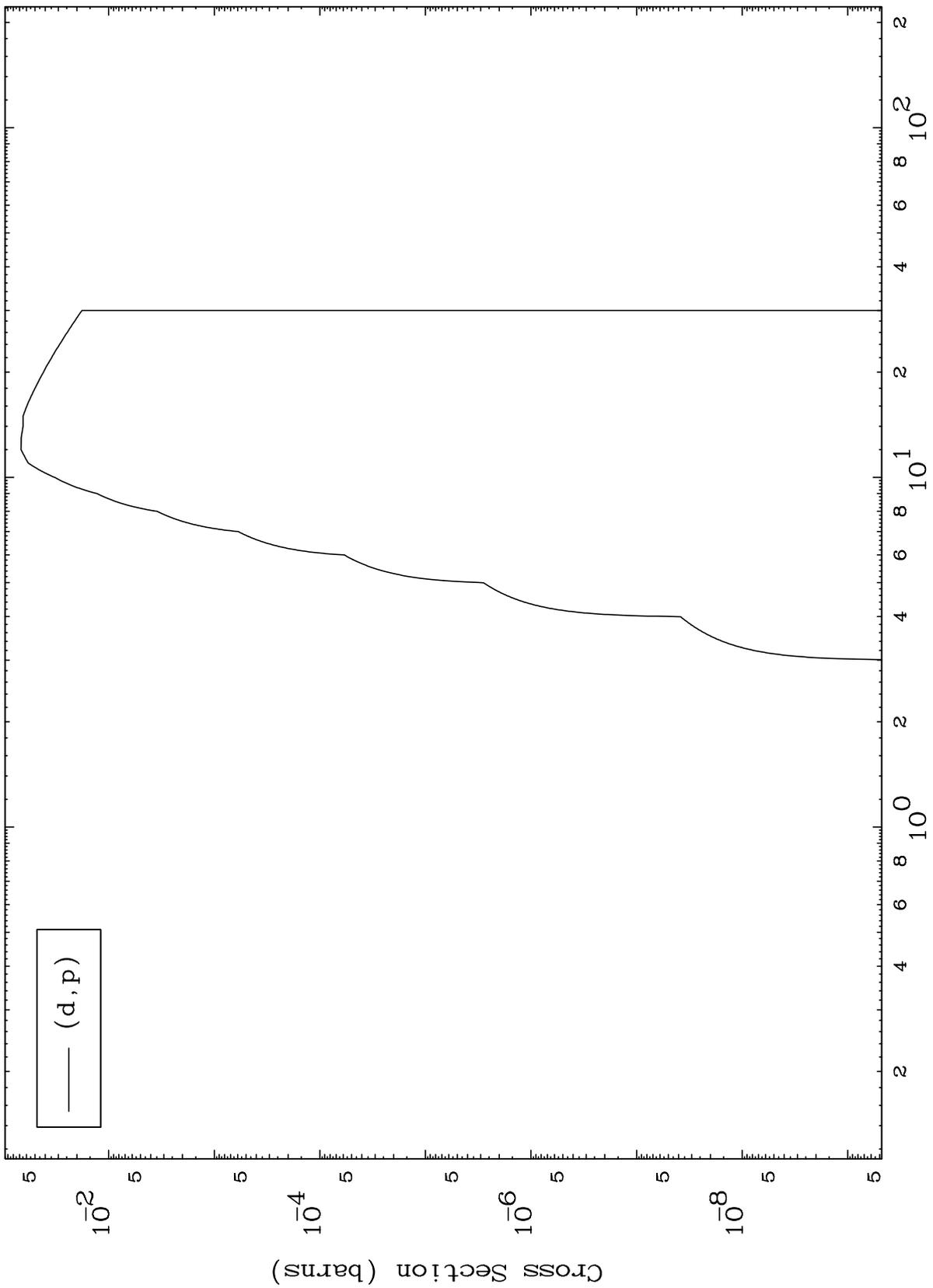


MAT 8169

(d,p) Levels

82-Pb-185

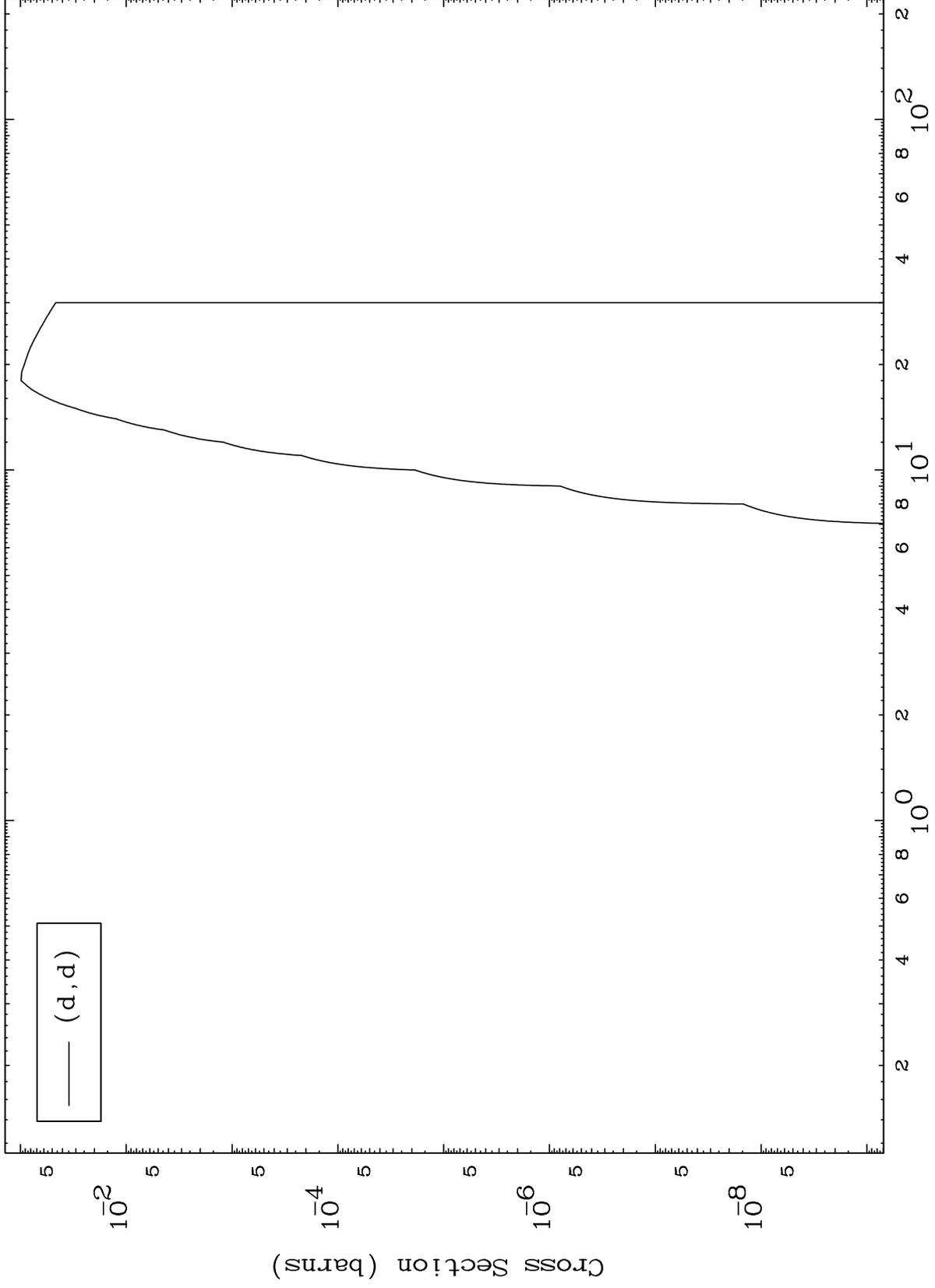
0 Kelvin Cross Sections



MAT 8169

(d,d) Levels  
0 Kelvin Cross Sections

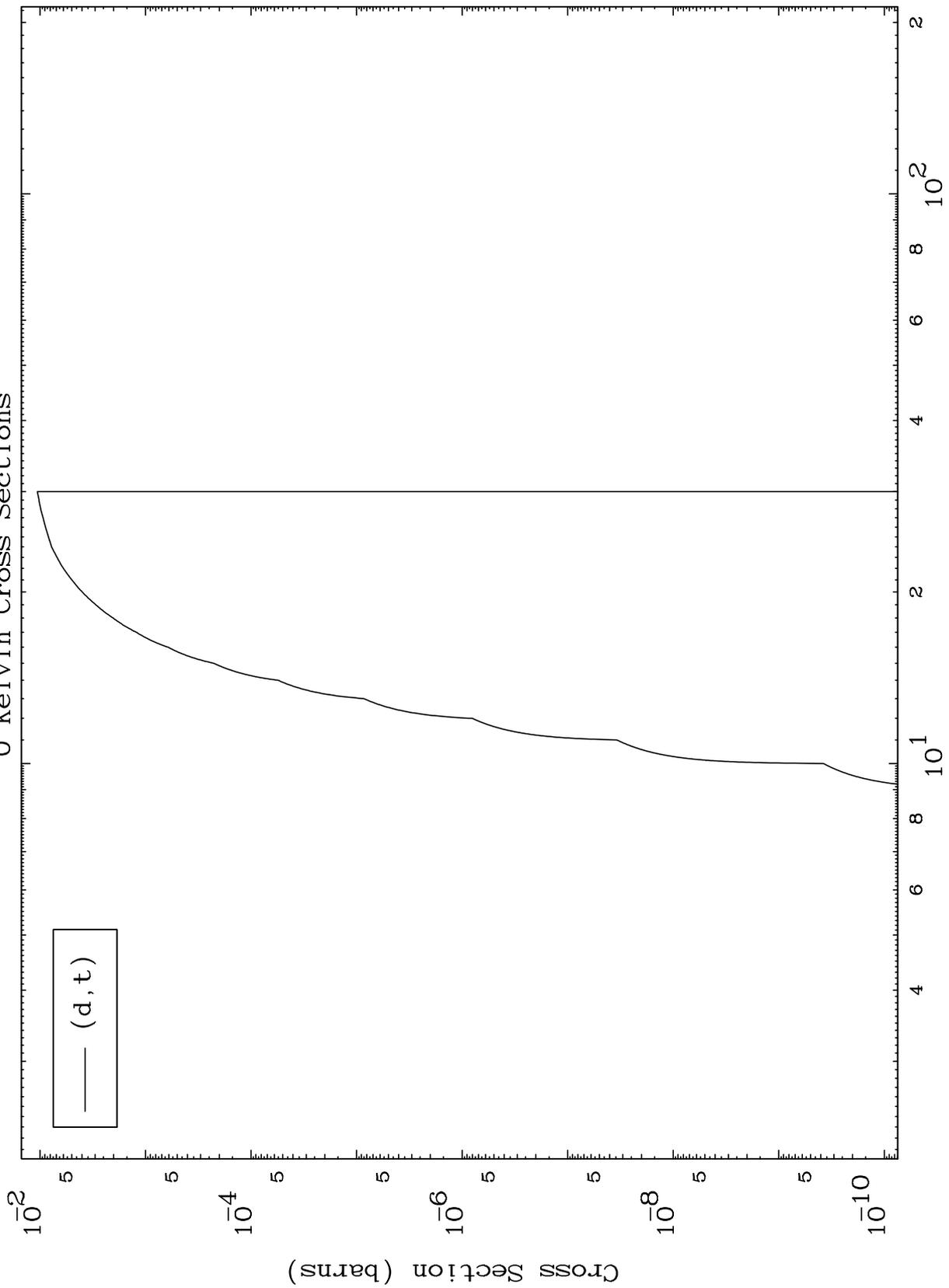
82-Pb-185



MAT 8169

82-Pb-185

(d,t) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

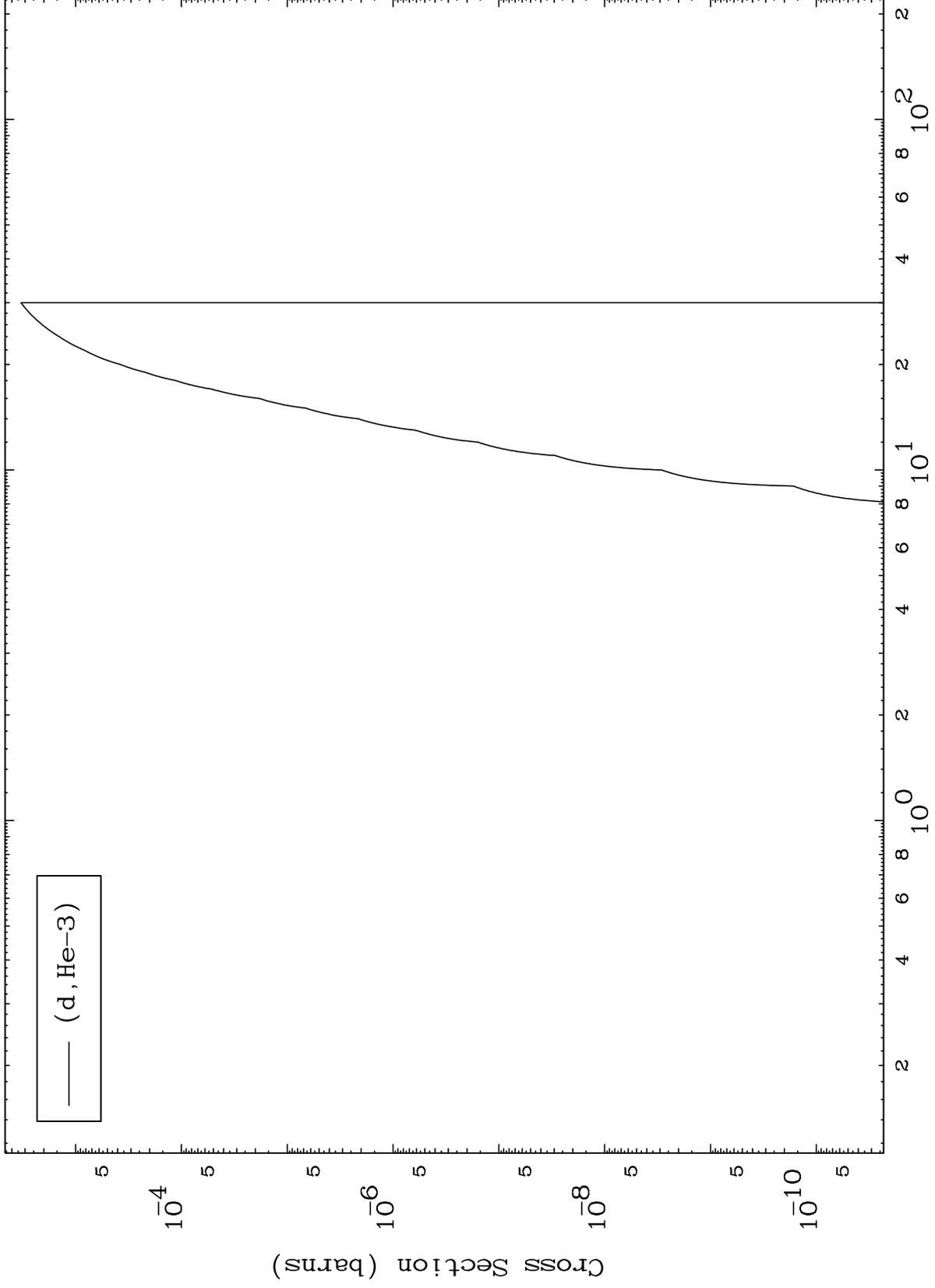
82-Pb-185

MAT 8169

(d,He3) Levels

82-Pb-185

0 Kelvin Cross Sections



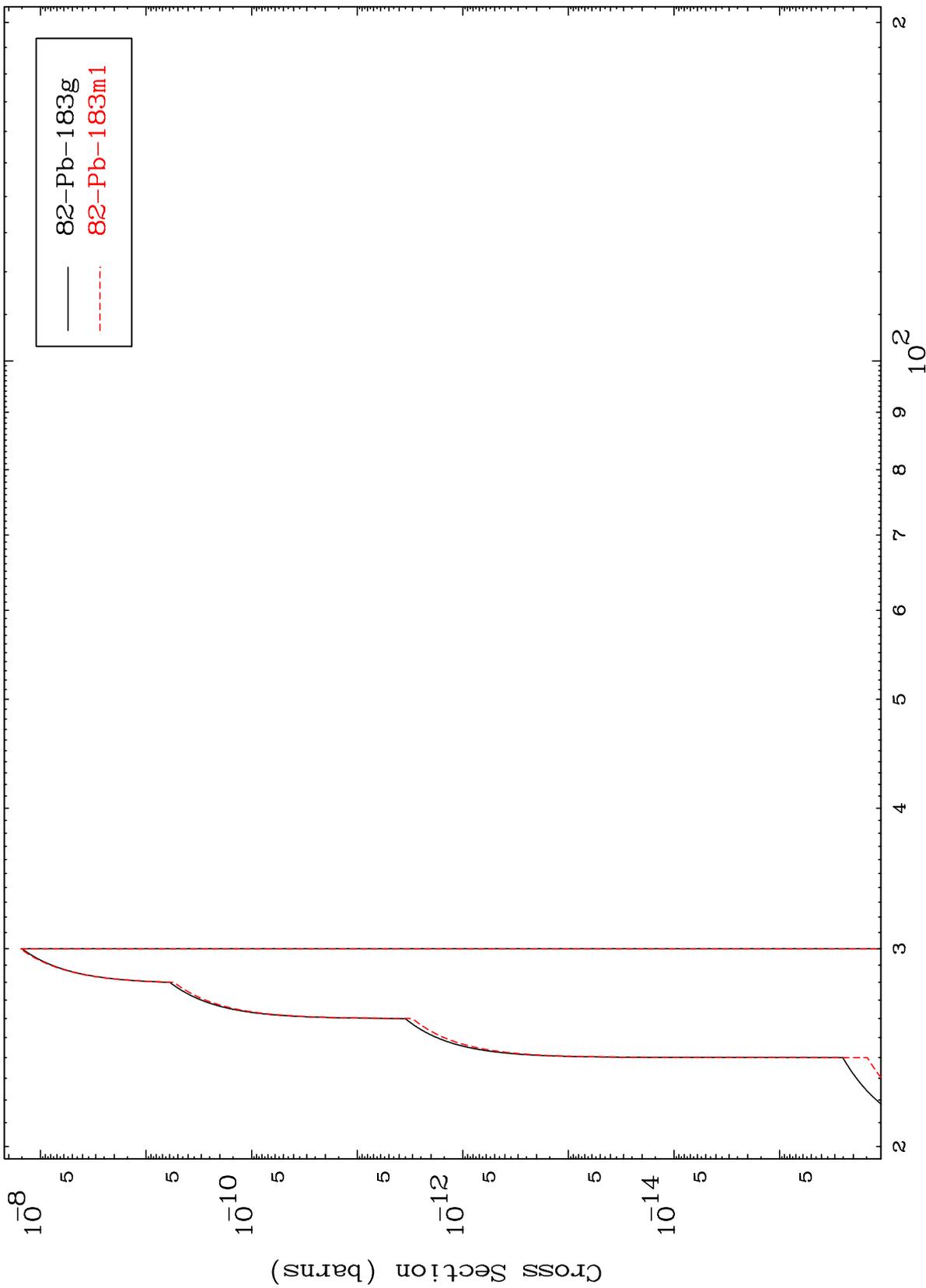


MAT 8169

(d,2n) d

82-Pb-185

Radionuclide Production Cross Section



13

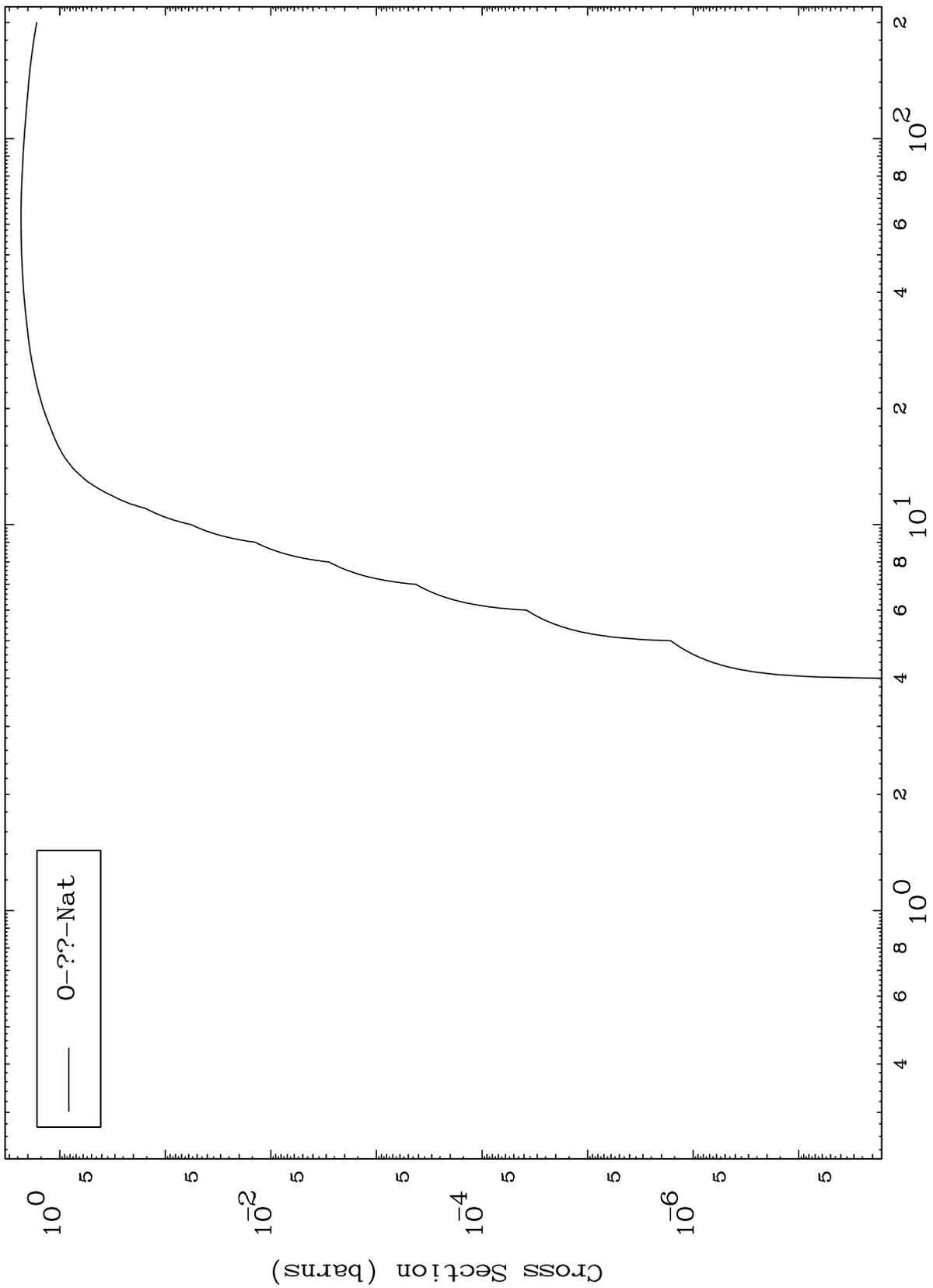
Incident Energy (MeV)

82-Pb-185

MAT 8169

82-Pb-185

Deuteron Fission  
Radionuclide Production Cross Section



14

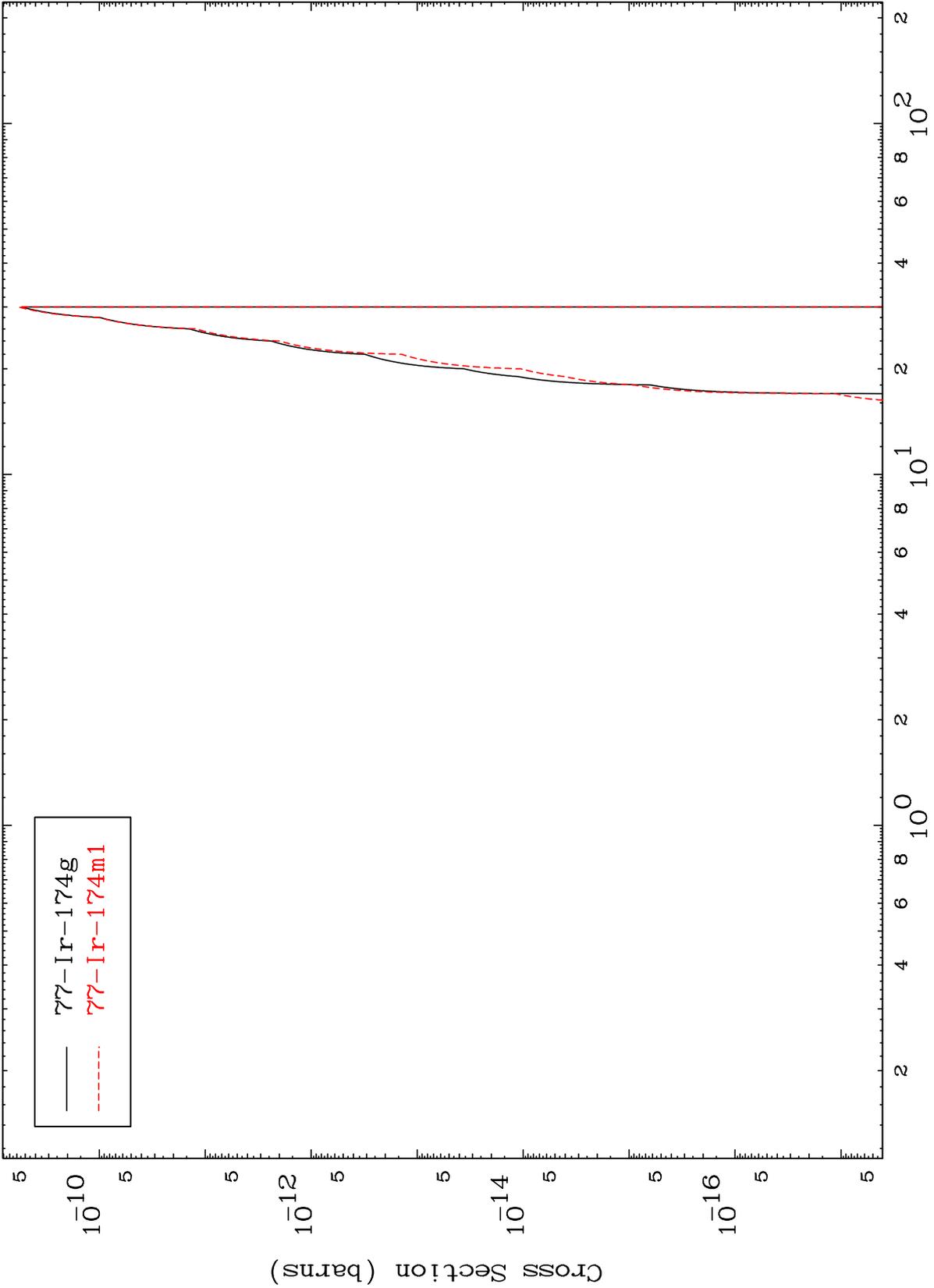
82-Pb-185

MAT 8169

(d,n') 3 $\alpha$

82-Pb-185

Radionuclide Production Cross Section



—  $^{77}\text{Ir-174g}$   
- - -  $^{77}\text{Ir-174m1}$

15

Incident Energy (MeV)

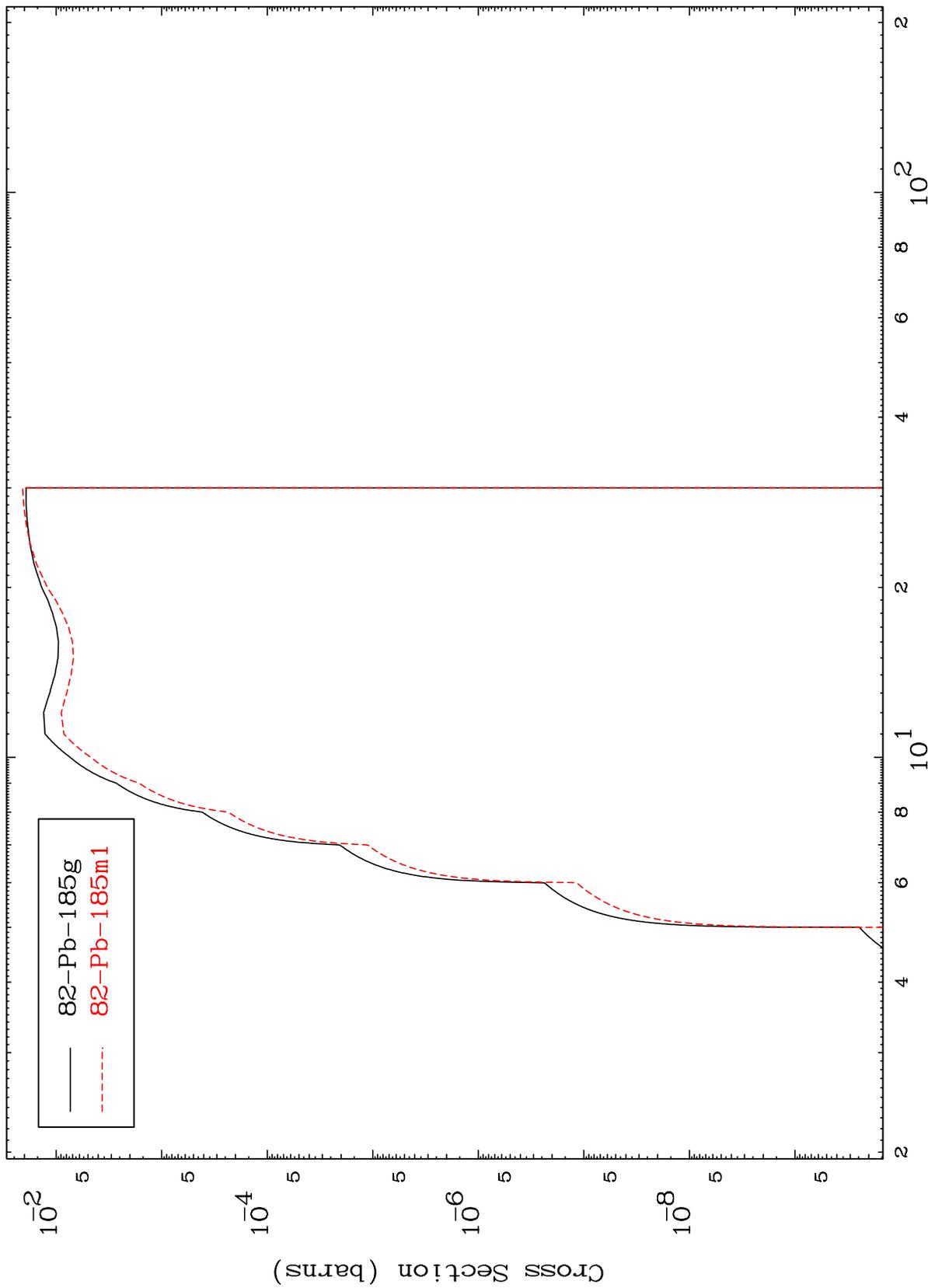
82-Pb-185

MAT 8169

(d,n') p

82-Pb-185

Radionuclide Production Cross Section



16

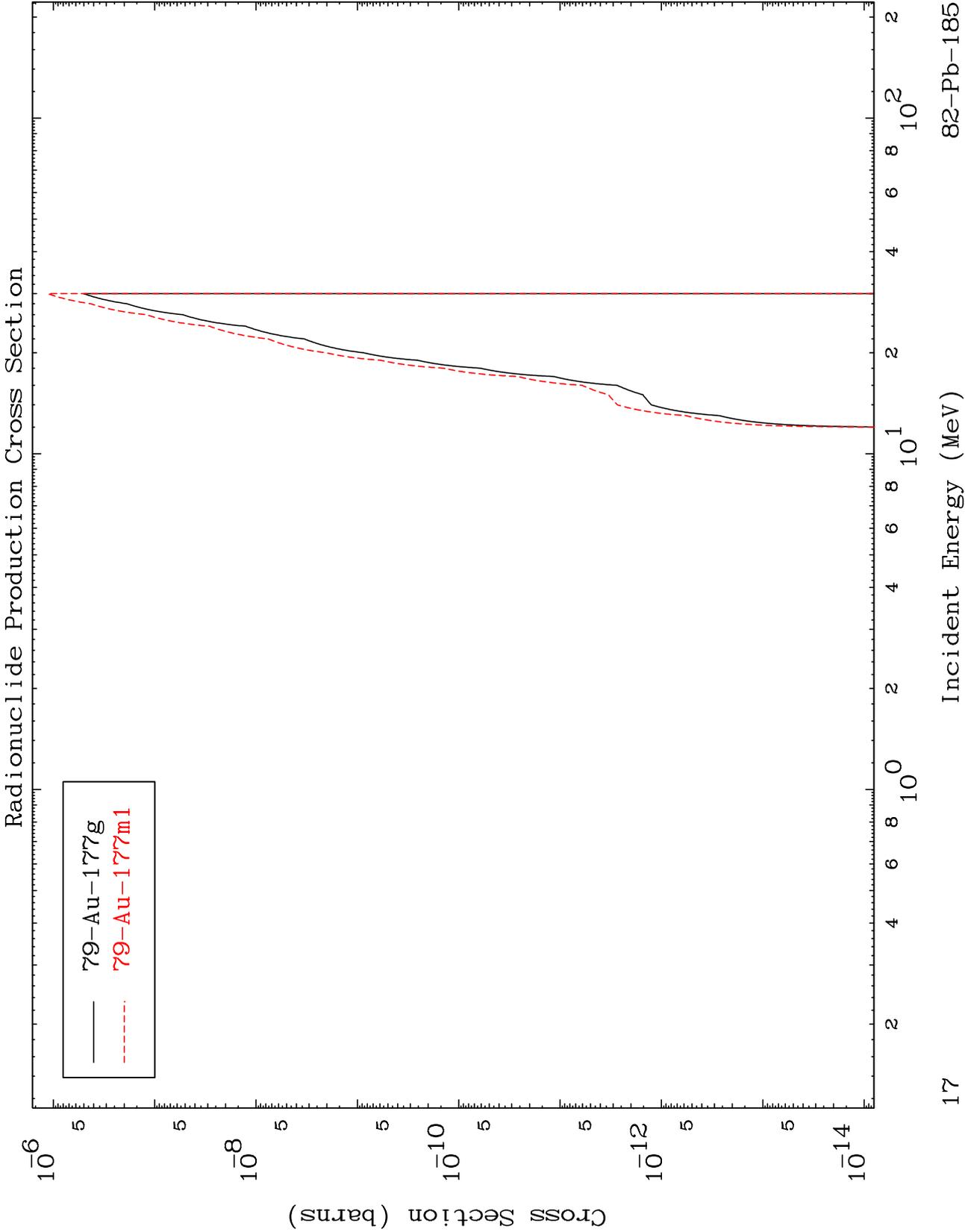
Incident Energy (MeV)

82-Pb-185

MAT 8169

(d,2n)  $2\alpha$

82-Pb-185



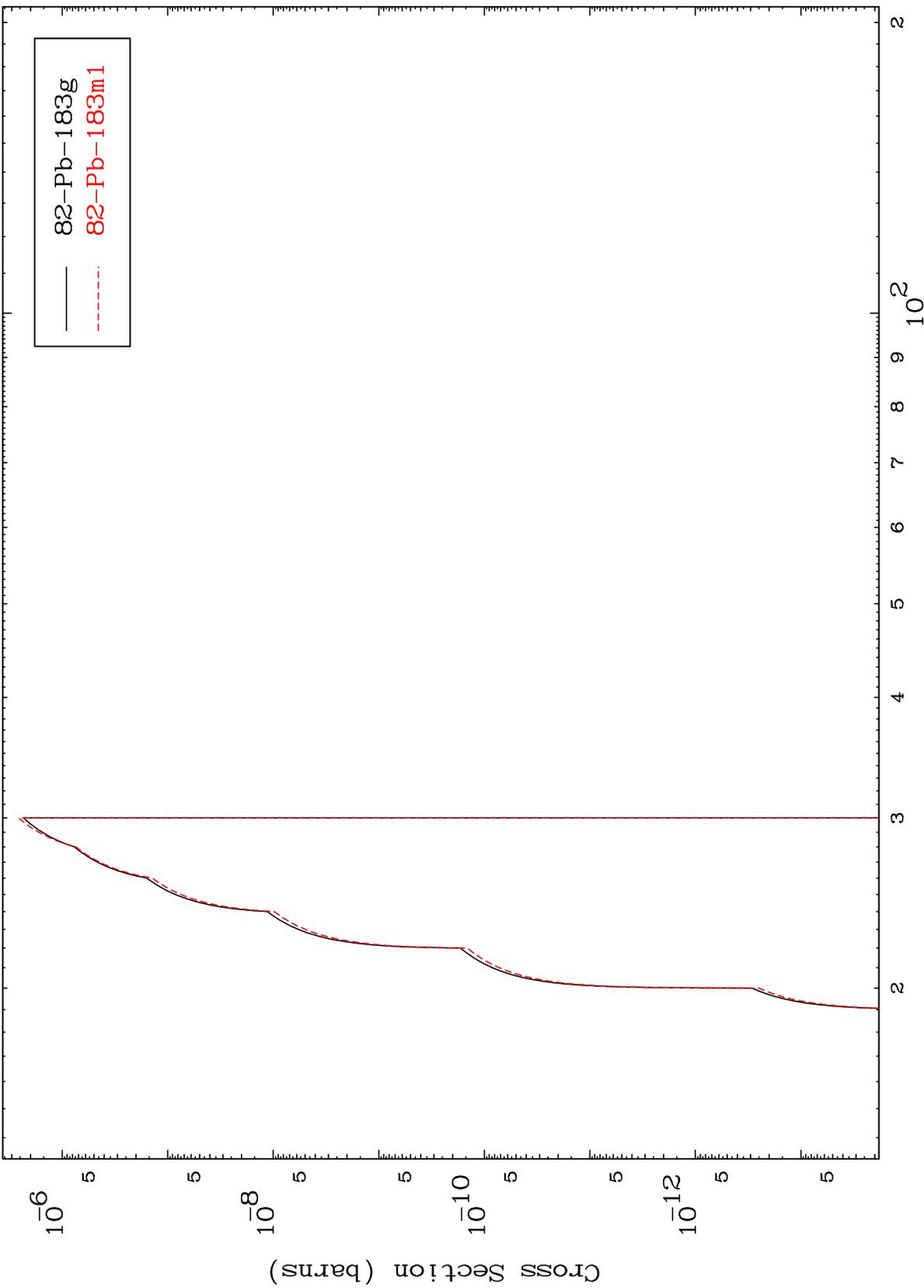
79-Au-177g  
79-Au-177m1

MAT 8169

(d,n') t

82-Pb-185

Radionuclide Production Cross Section



18

Incident Energy (MeV)

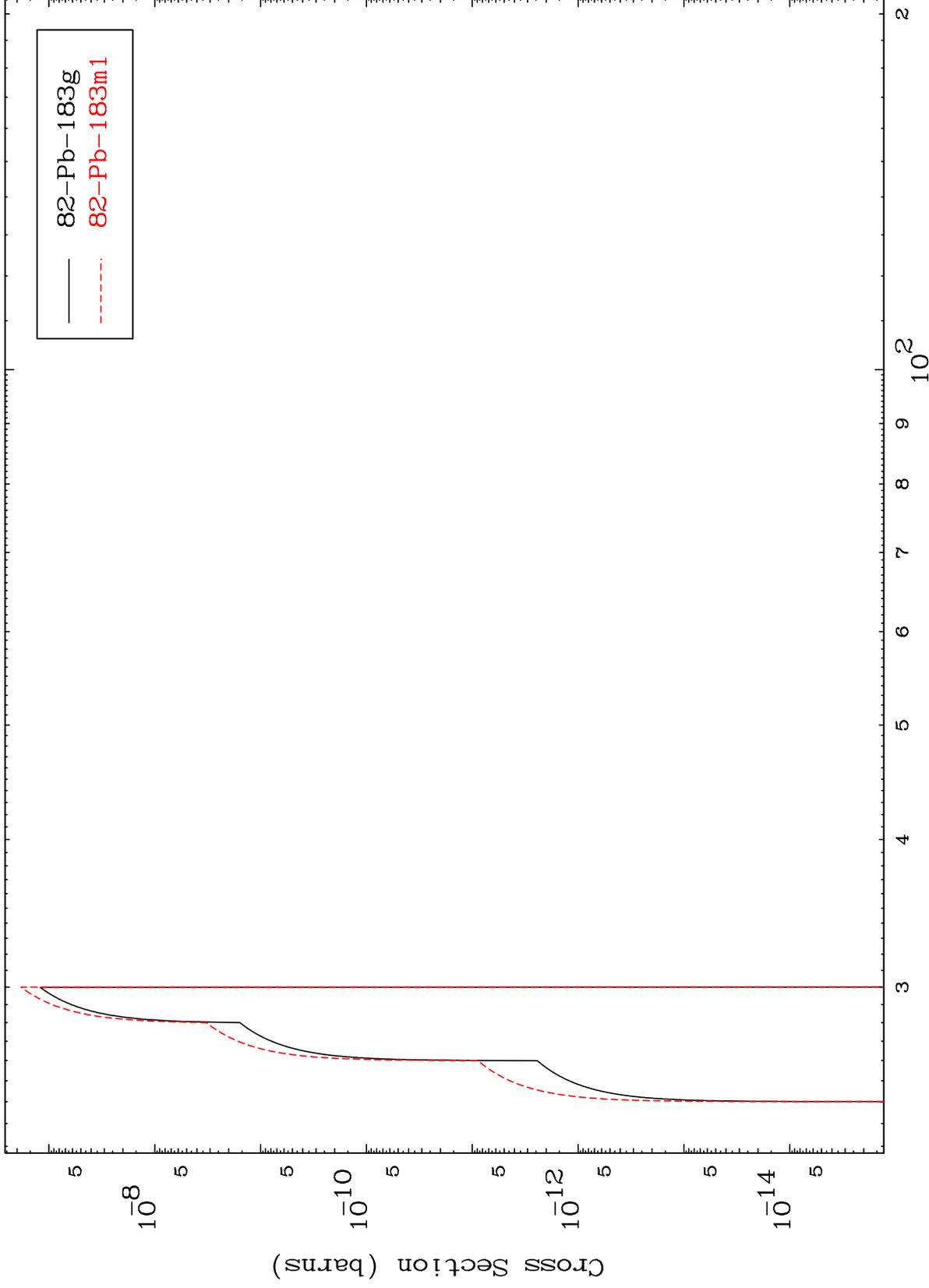
82-Pb-185

MAT 8169

(d,3n) p

82-Pb-185

Radionuclide Production Cross Section



19

Incident Energy (MeV)

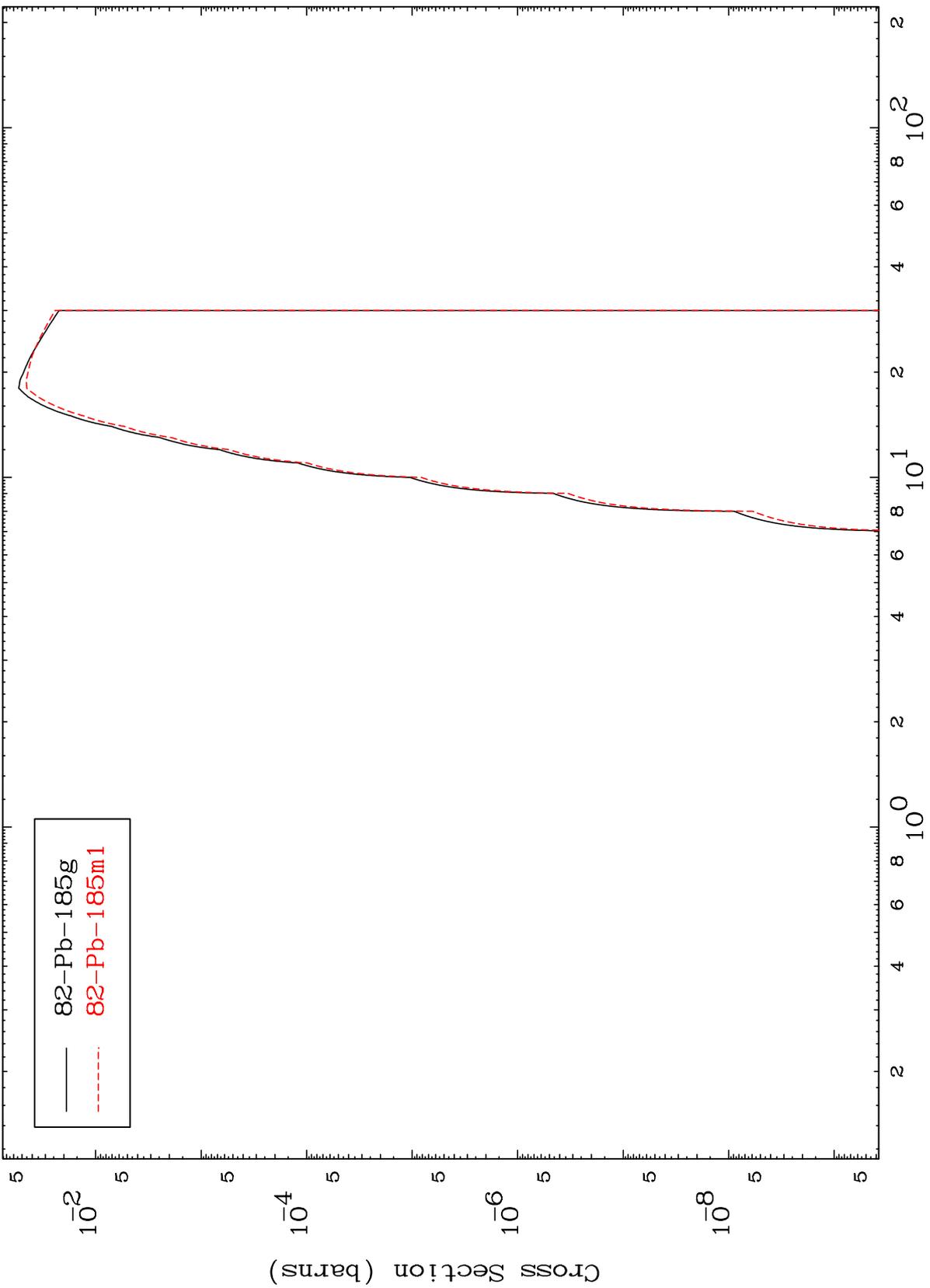
82-Pb-185

MAT 8169

(d,d)

82-Pb-185

Radionuclide Production Cross Section



82-Pb-185g  
82-Pb-185m1

20

Incident Energy (MeV)

82-Pb-185

MAT 8169

(d,2p)

82-Pb-185

