

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

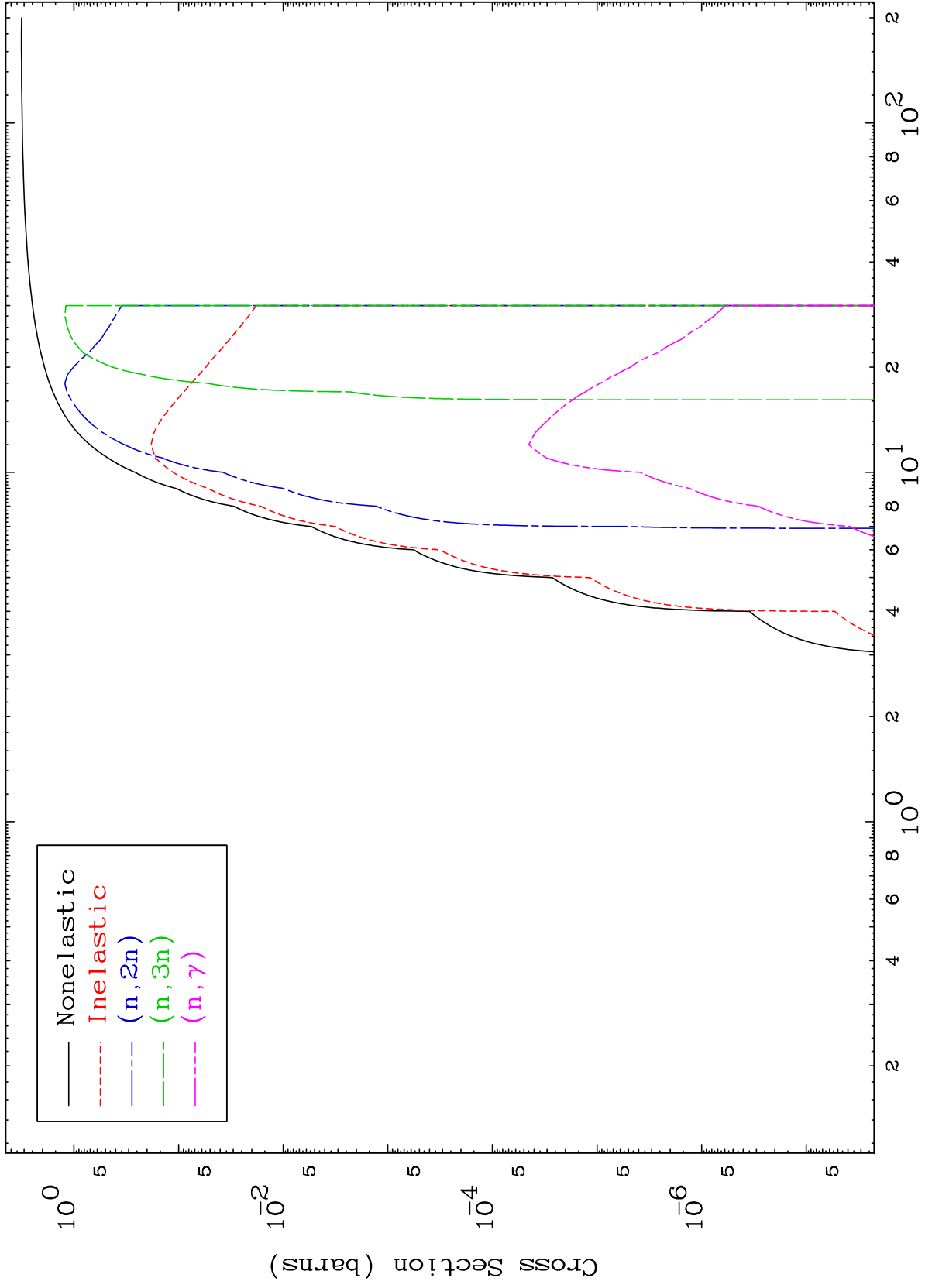
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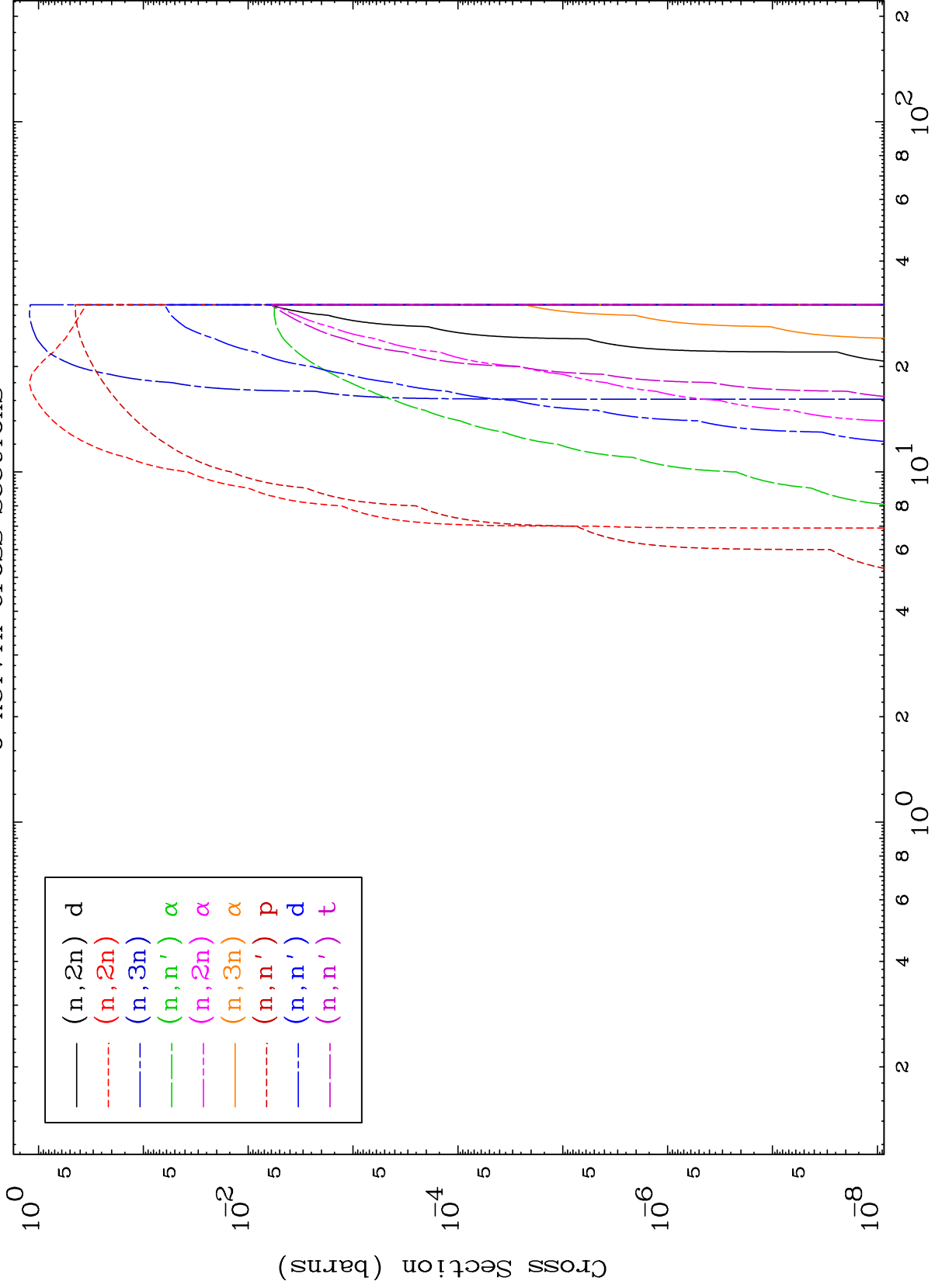
Press Mouse Button to Start

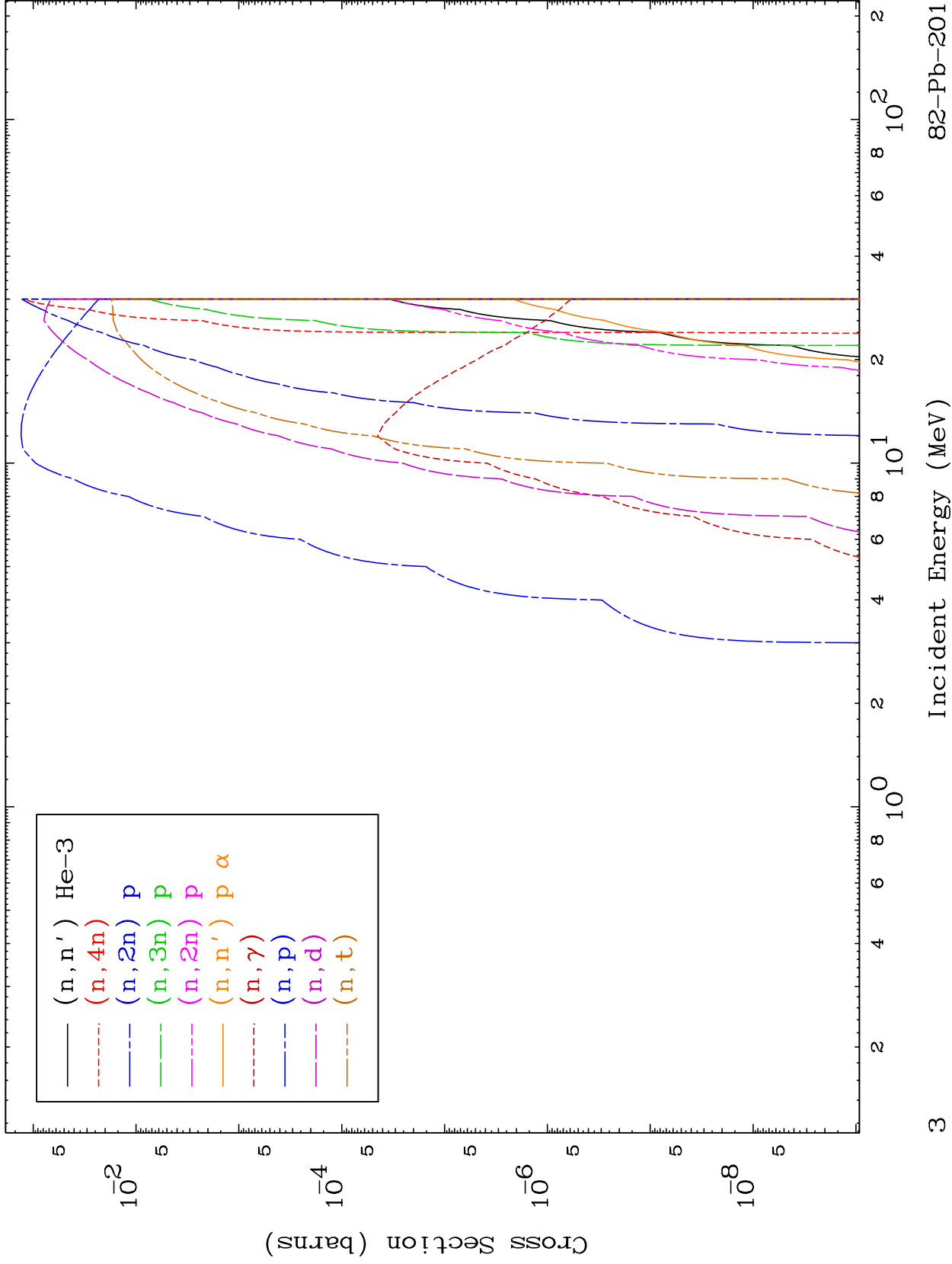


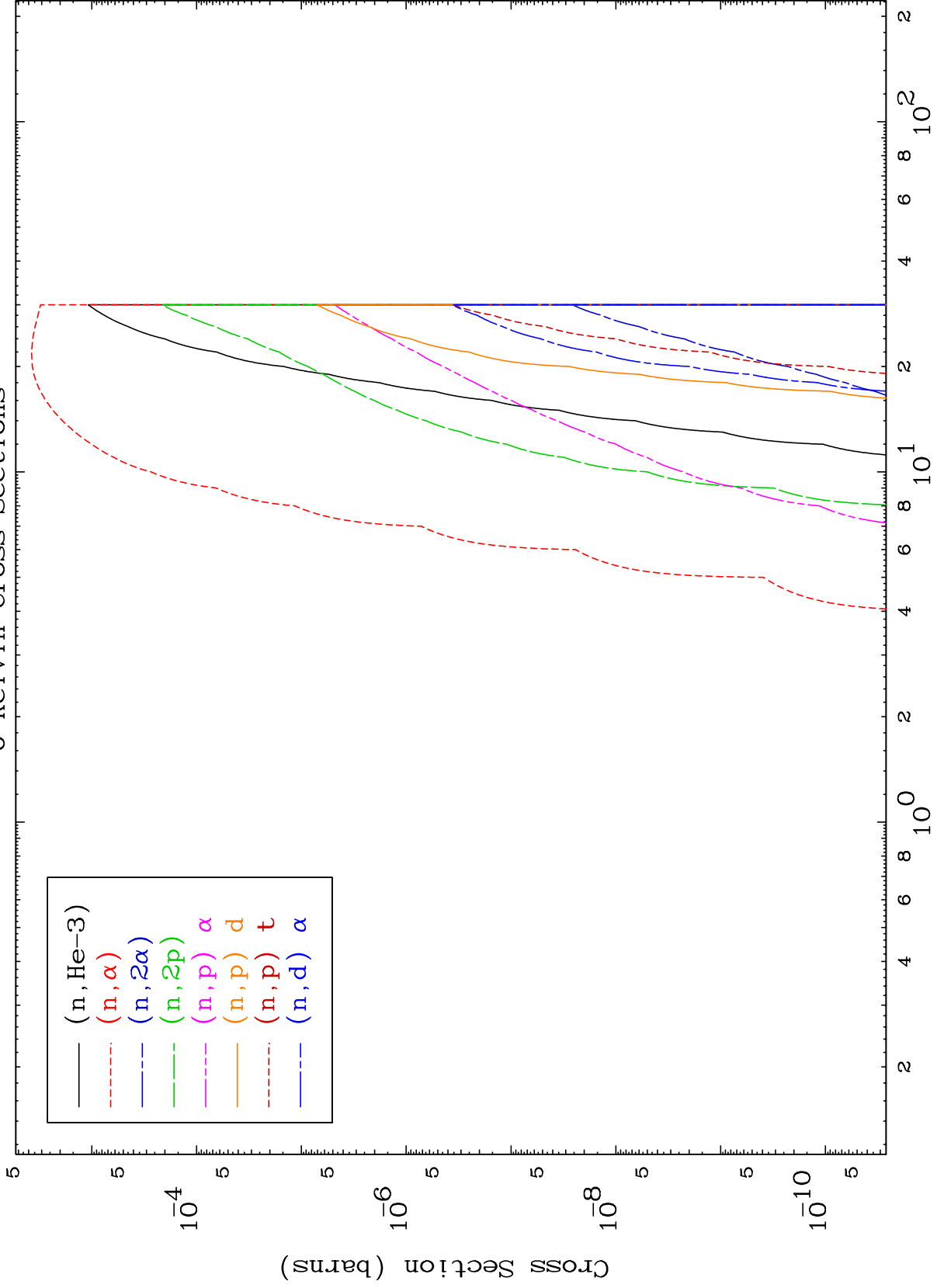
MAT 8216

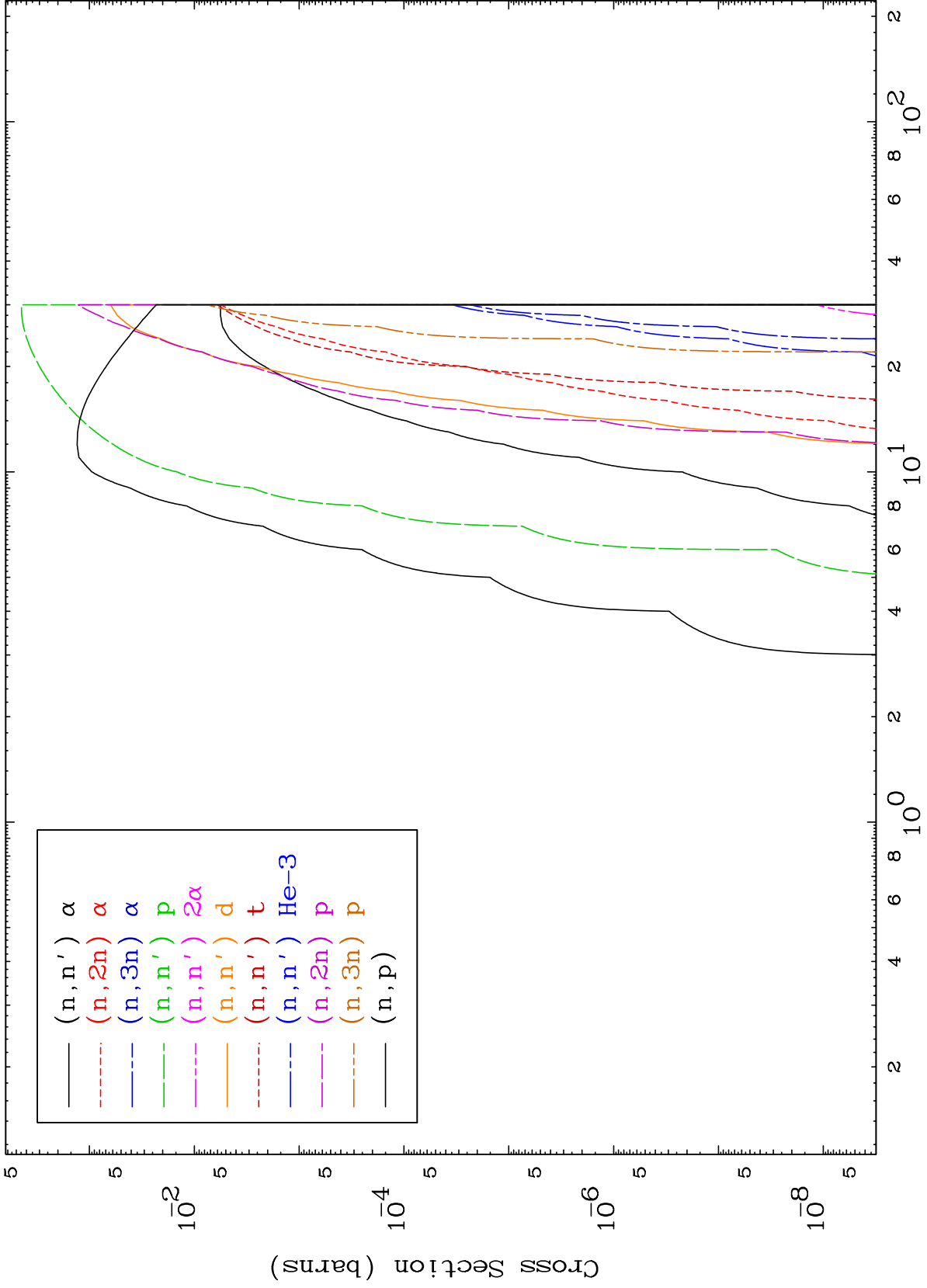
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

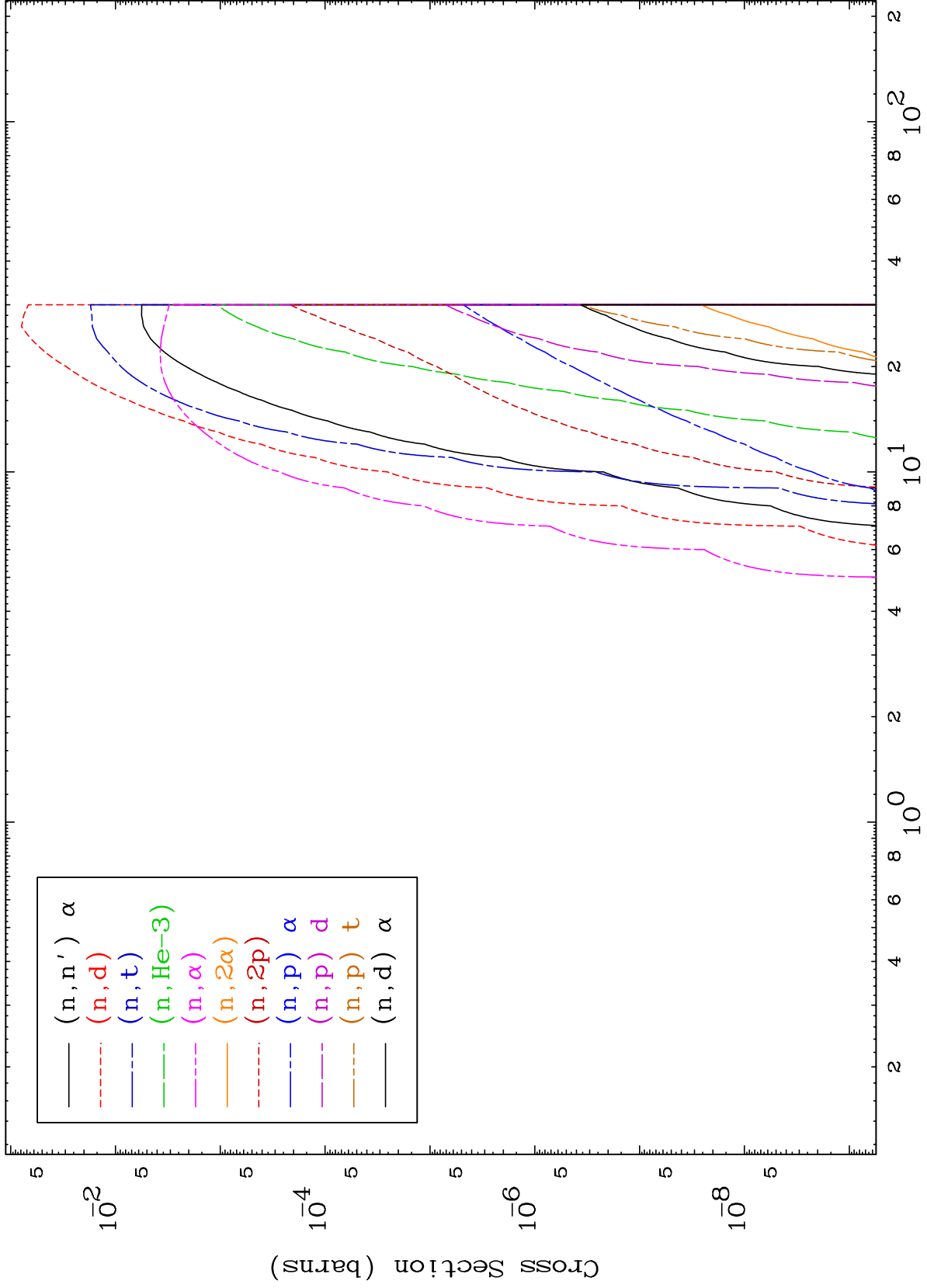
82-Pb-201









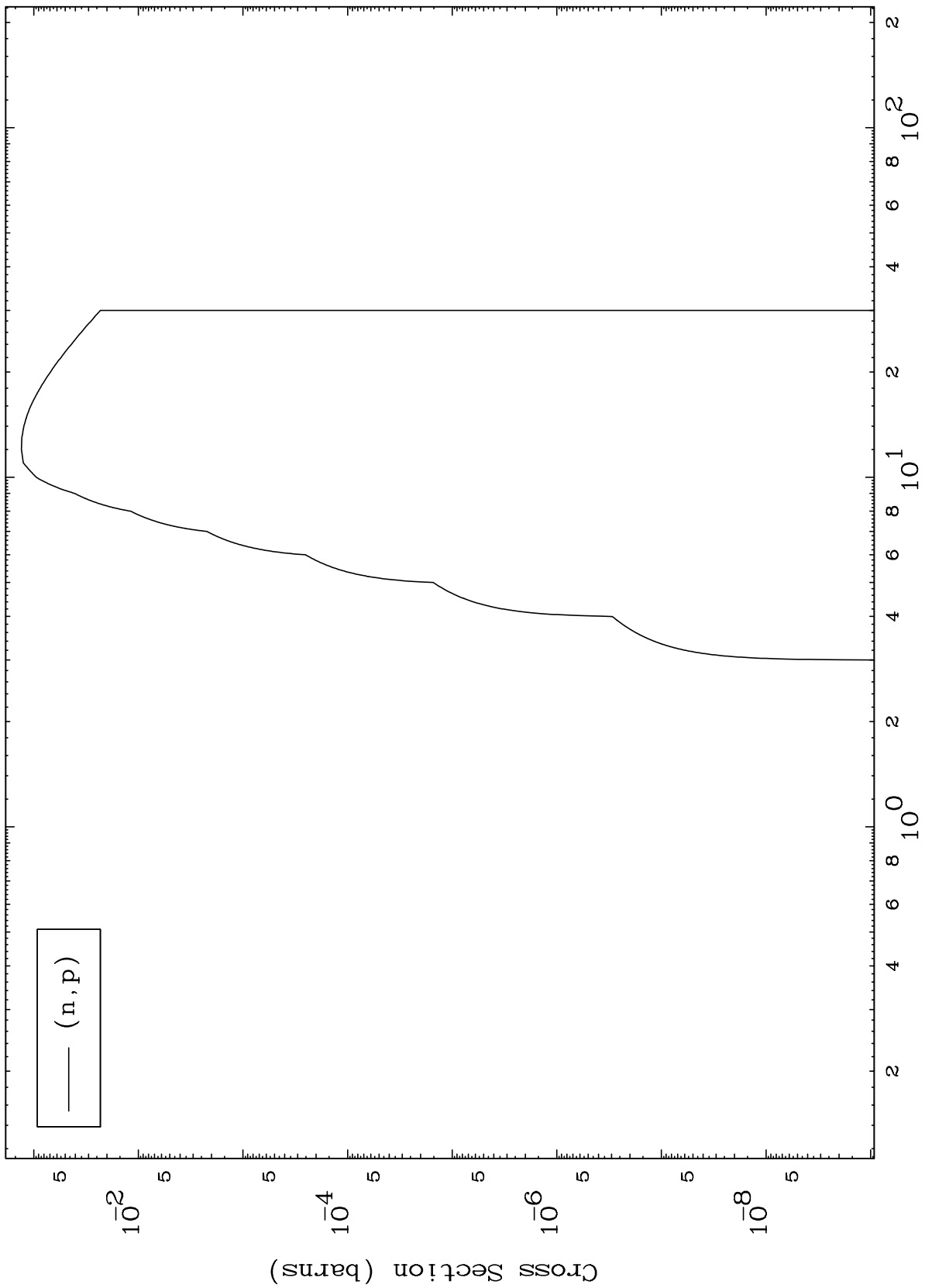


MAT 8216

(d,p) Levels

82-Pb-201

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

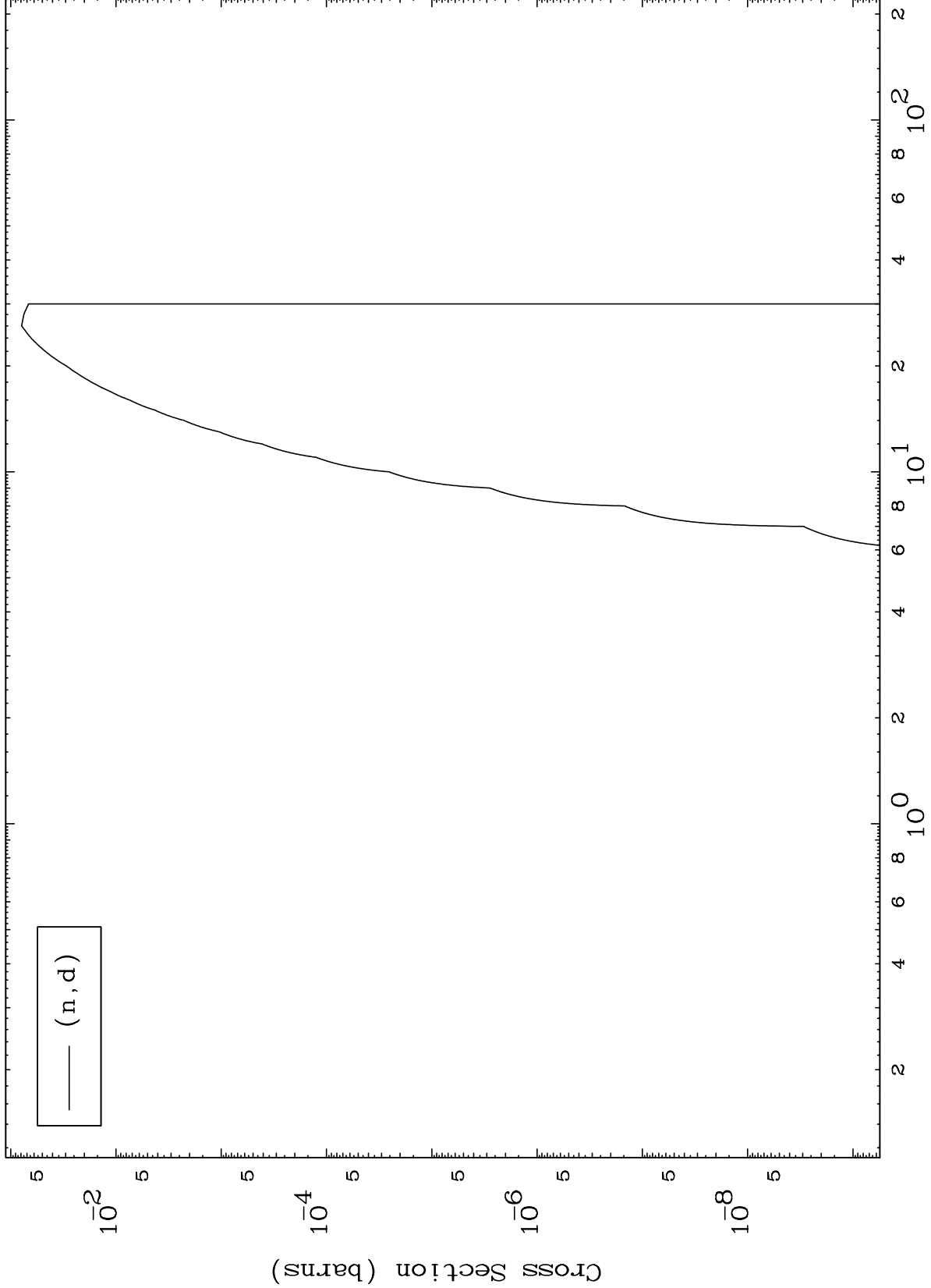
82-Pb-201

MAT 8216

(d,d) Levels

82-Pb-201

0 Kelvin Cross Sections

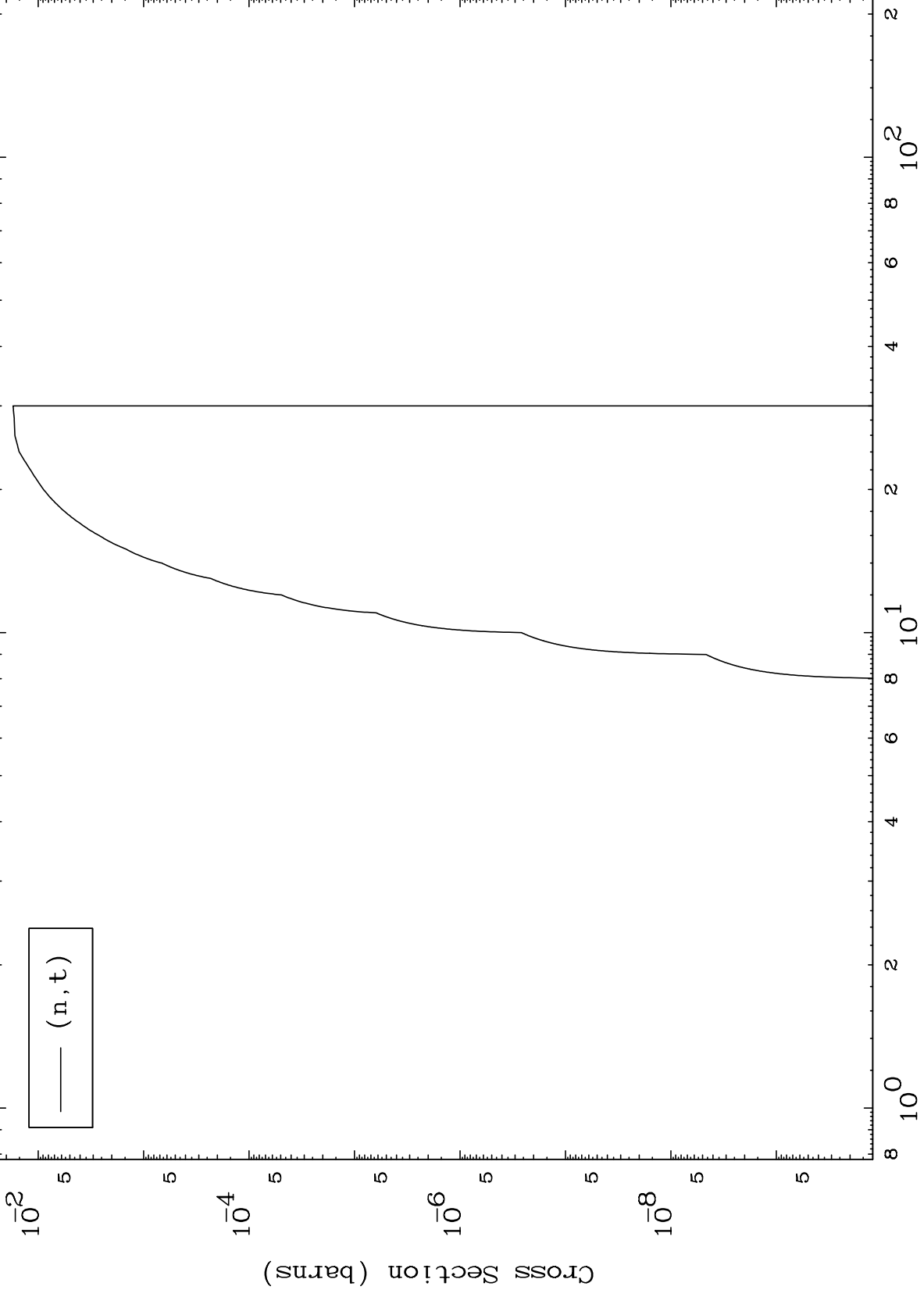


MAT 8216

(d, t) Levels

82-Pb-201

0 Kelvin Cross Sections



9

Incident Energy (MeV)

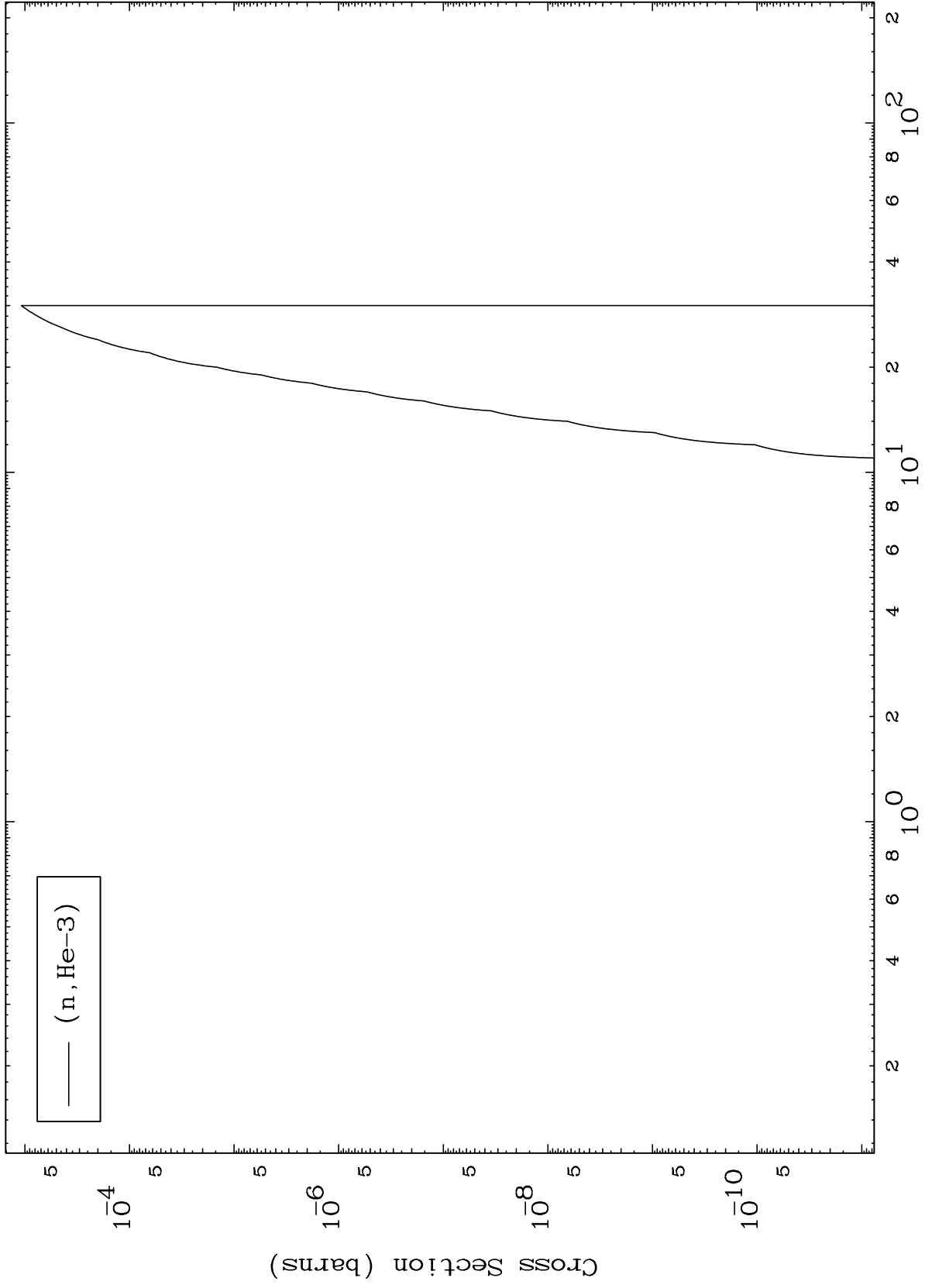
82-Pb-201

MAT 8216

(d,He3) Levels

82-Pb-201

0 Kelvin Cross Sections



10

Incident Energy (MeV)

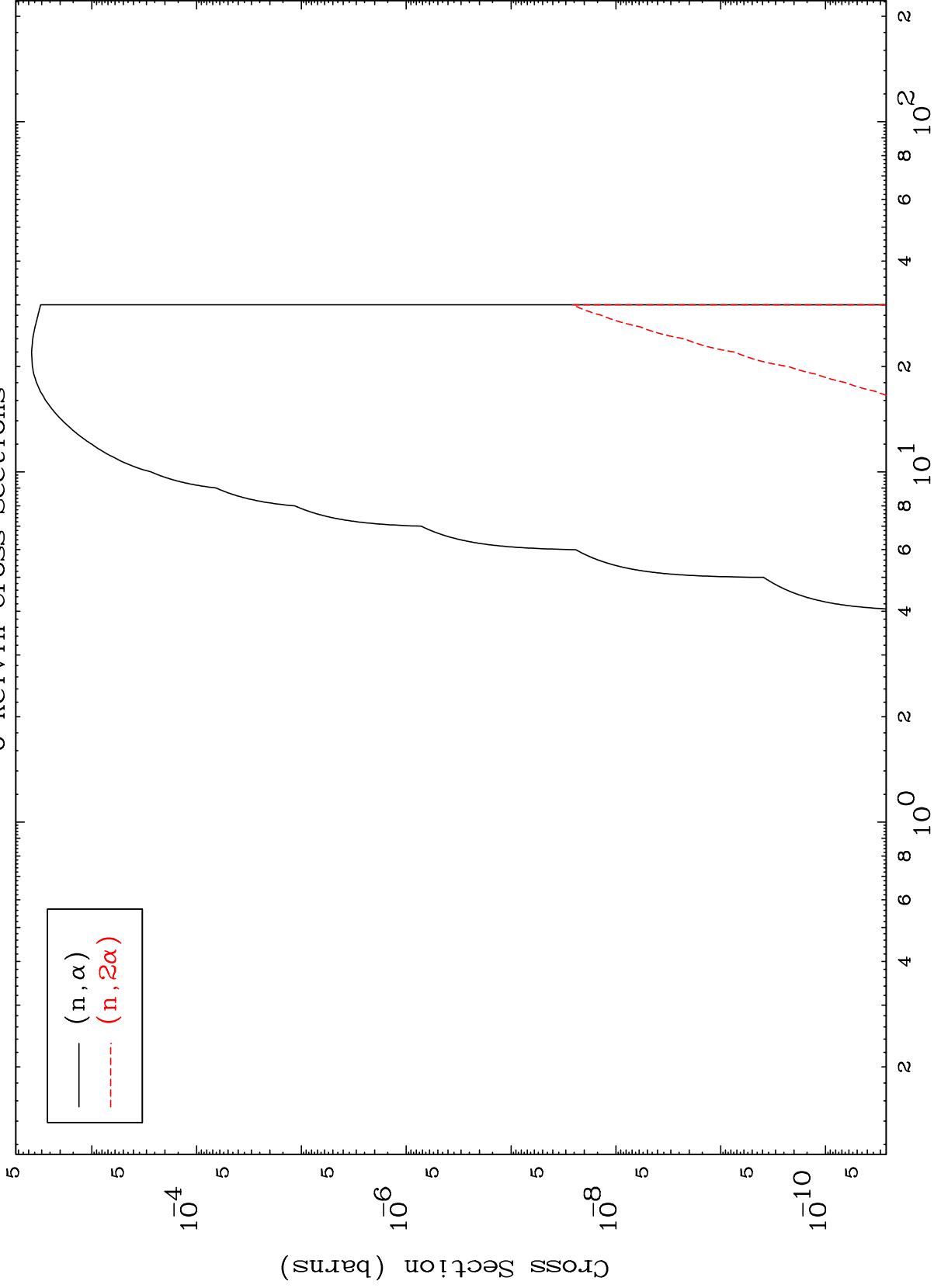
82-Pb-201

MAT 8216

(d,  $\alpha$ ) Levels

82-Pb-201

0 Kelvin Cross Sections

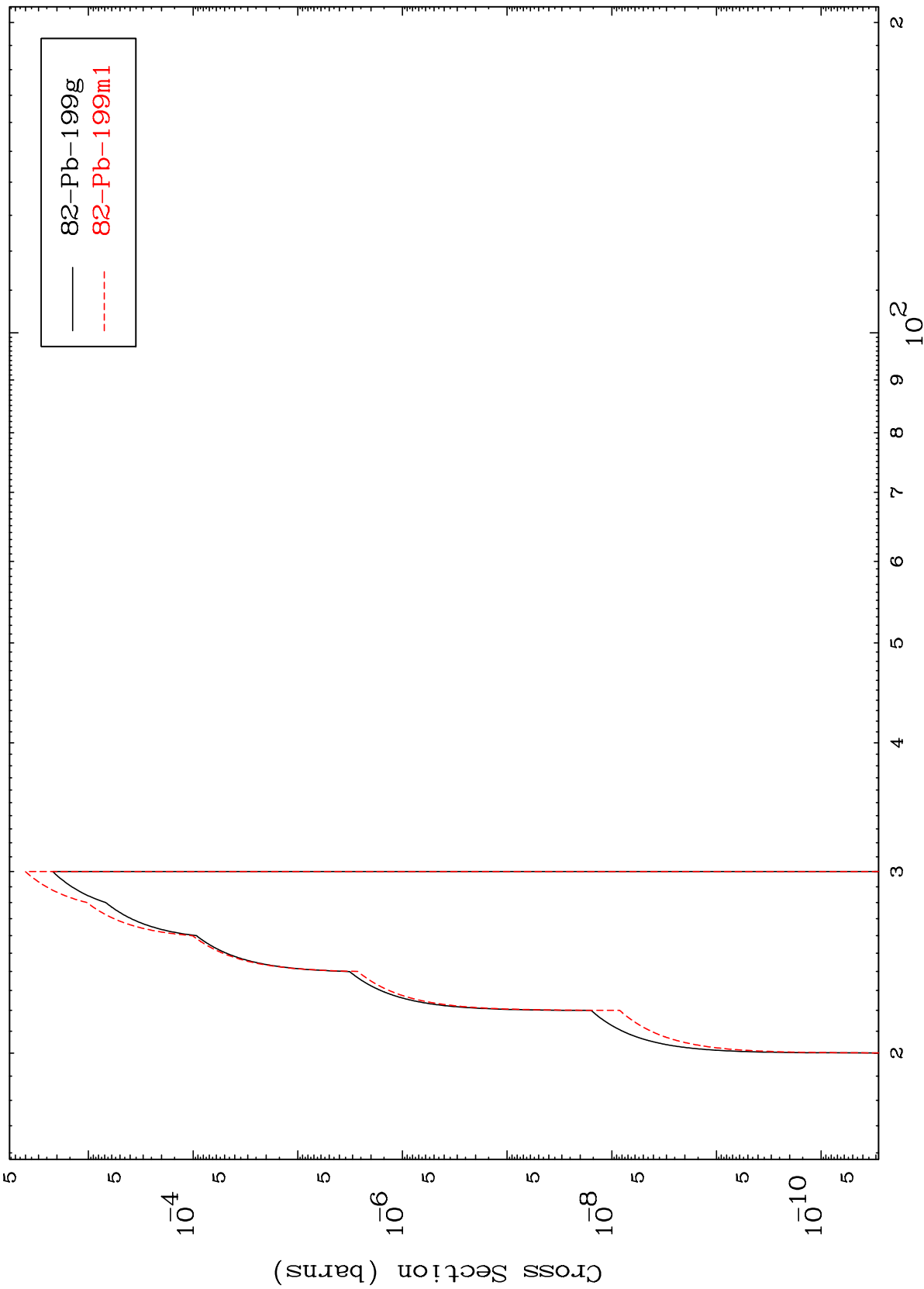


MAT 8216

(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

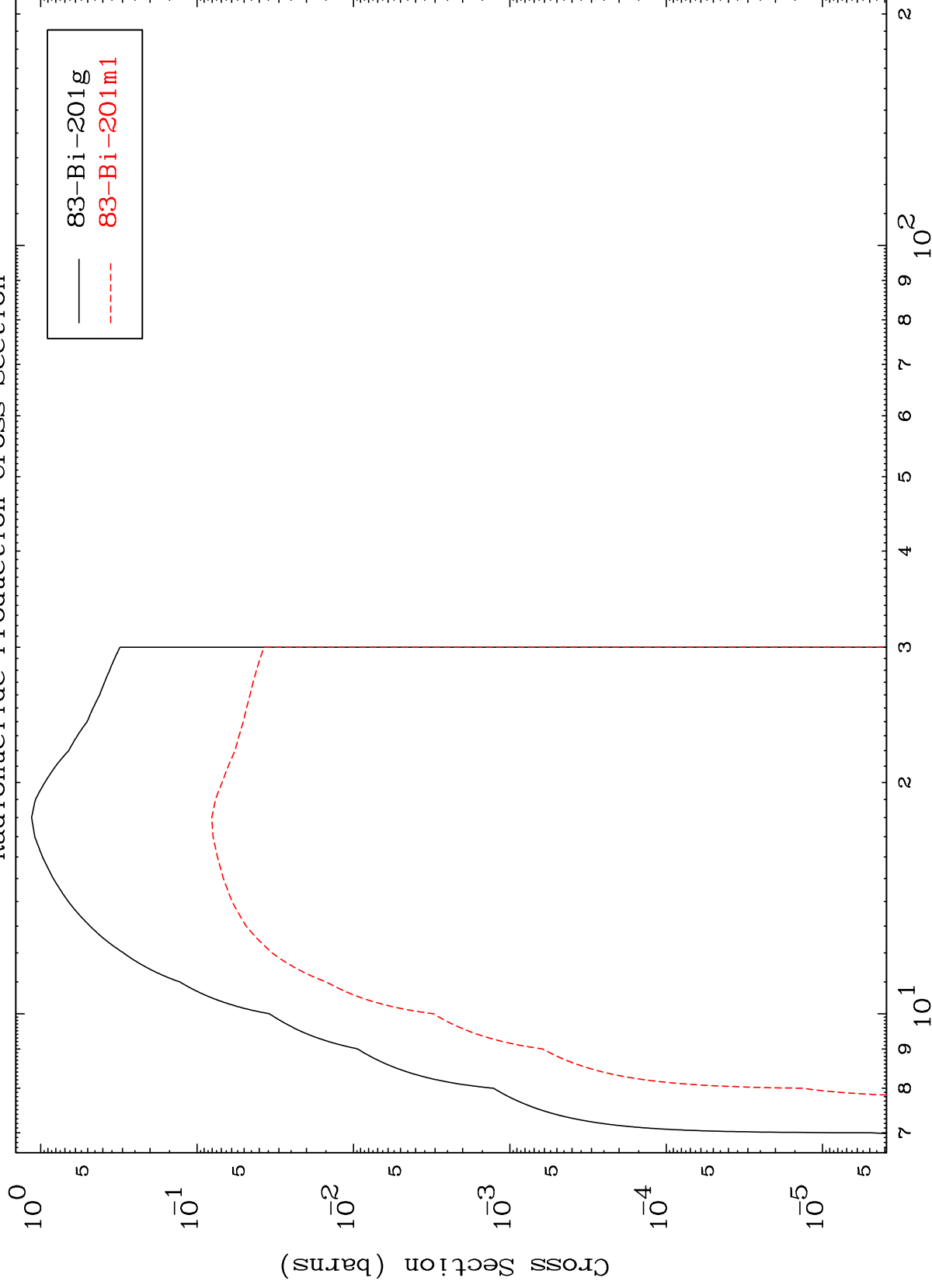
82-Pb-201

MAT 8216

(n,2n)

82-Pb-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

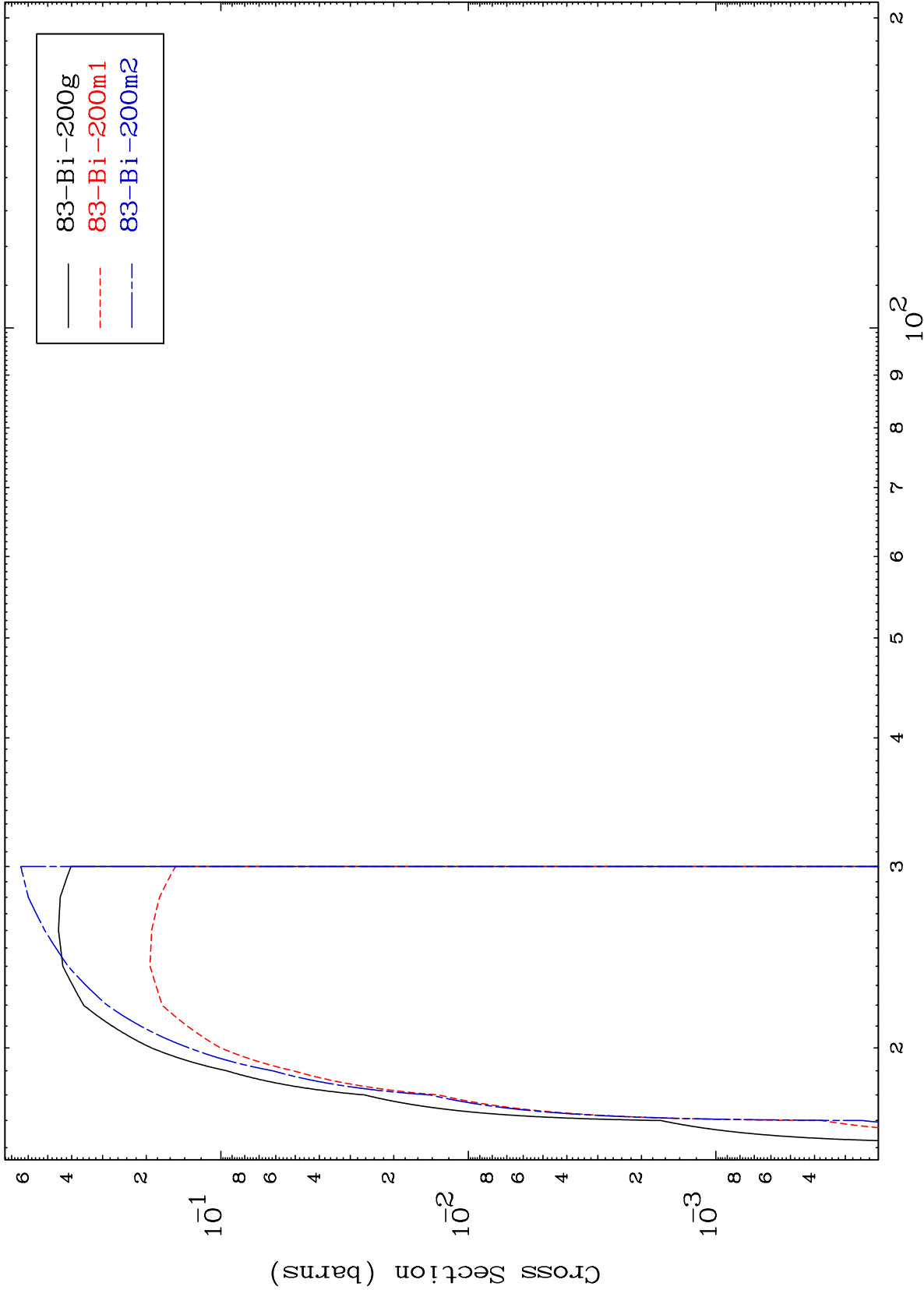
82-Pb-201

MAT 8216

(n,3n)

82-Pb-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

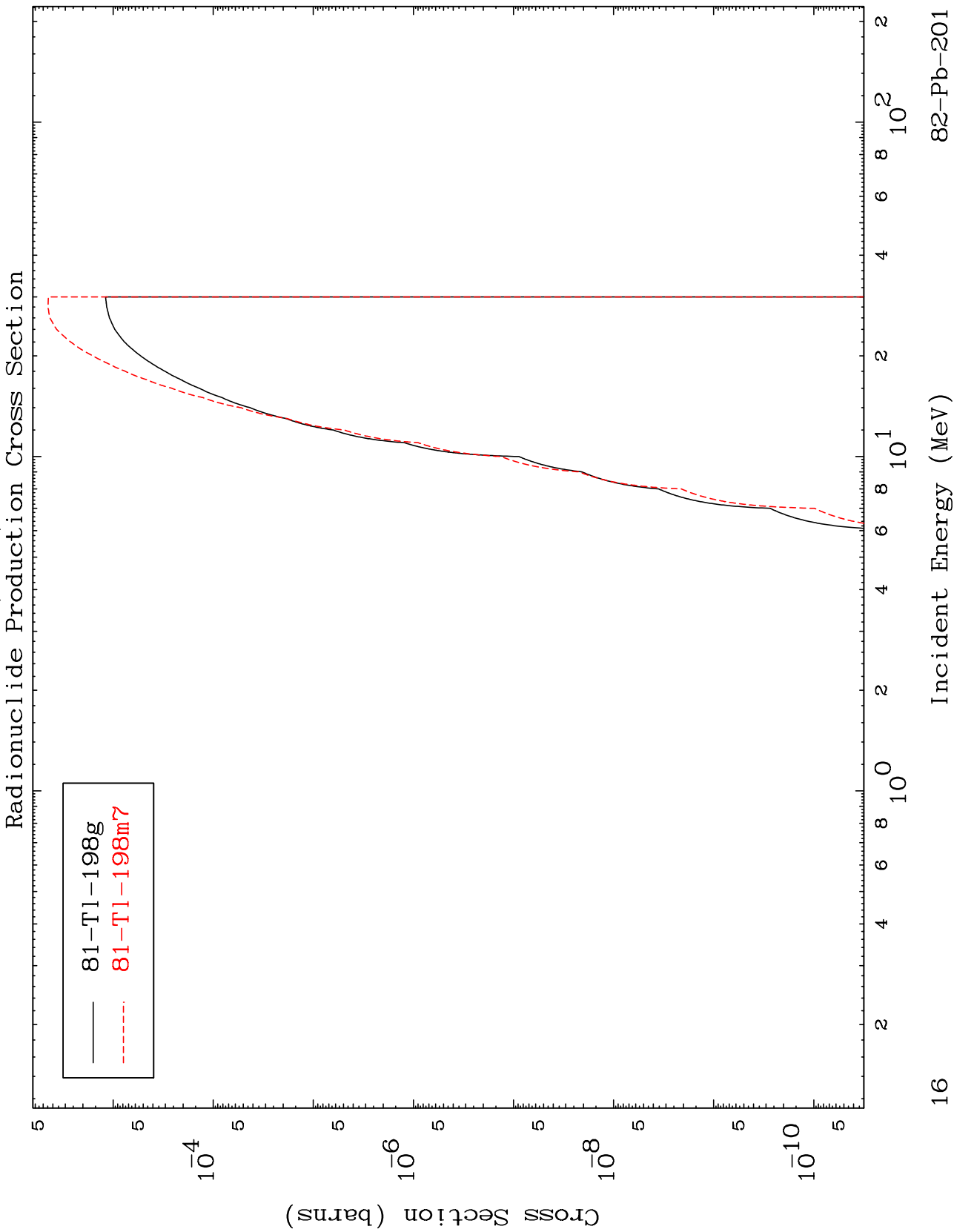
82-Pb-201



MAT 8216

$(n, n') \alpha$

82-Pb-201



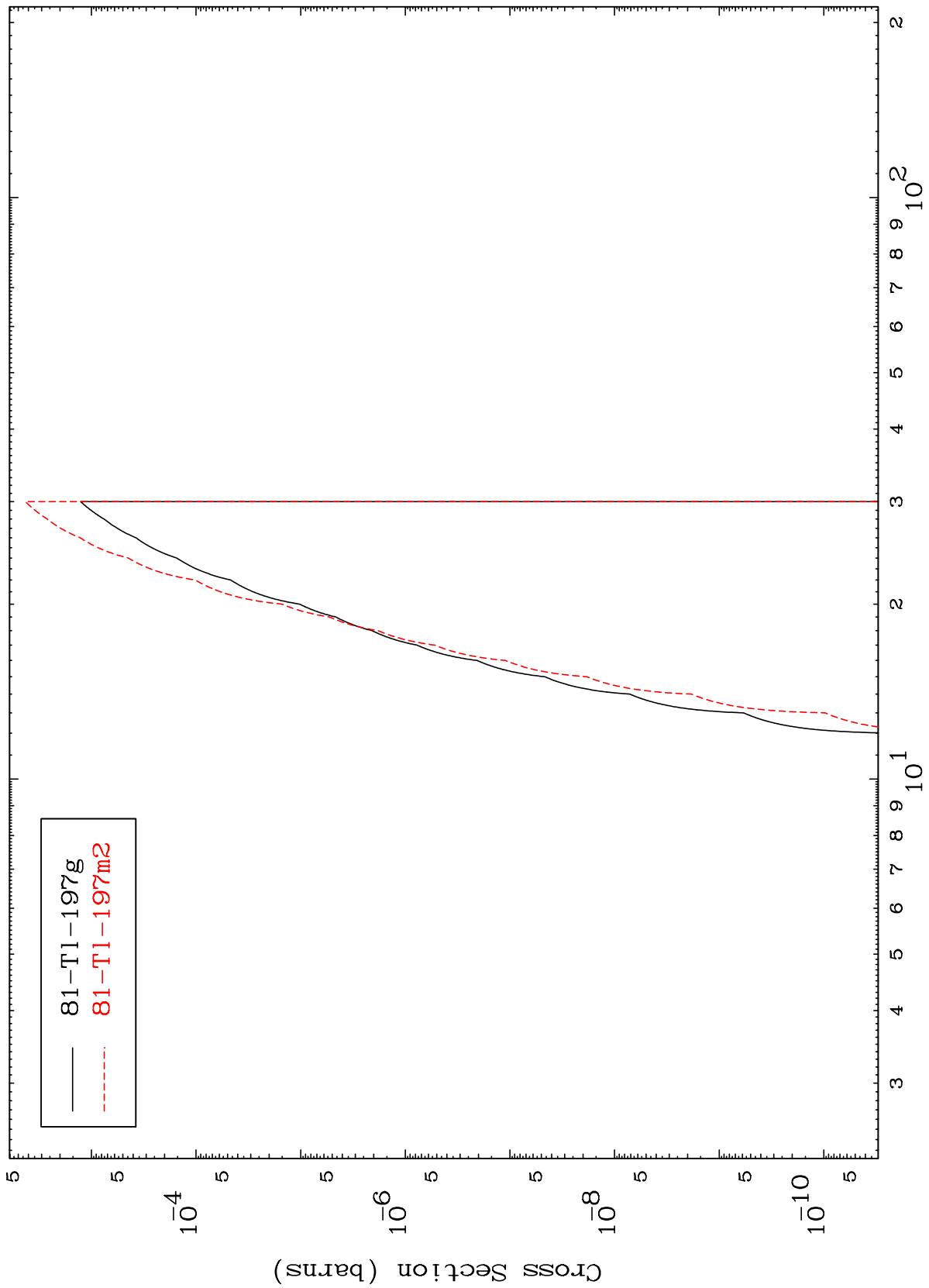
81-Tl-198g  
81-Tl-198m7

MAT 8216

(n,2n)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



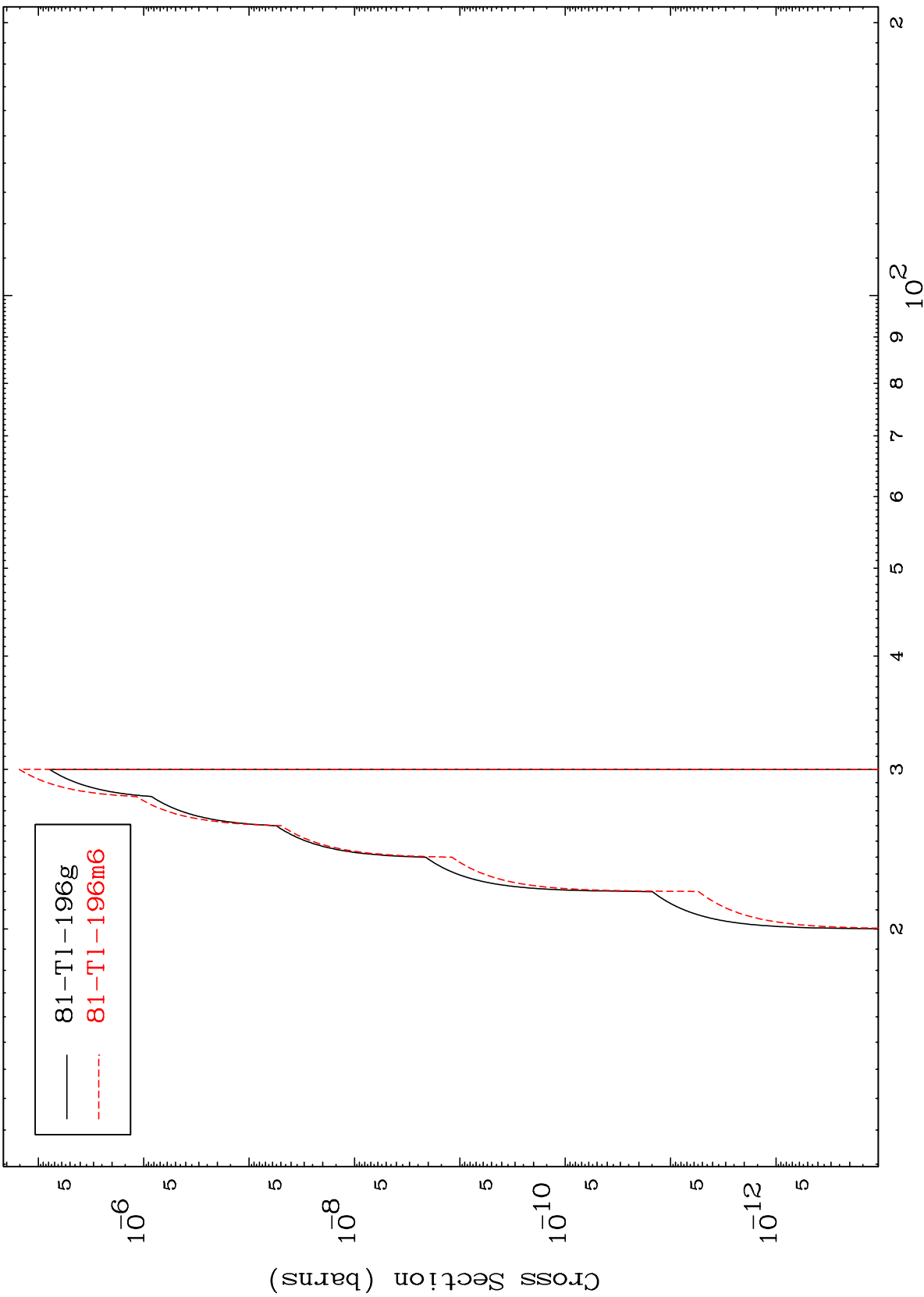
81-Tl-197g  
81-Tl-197m2

MAT 8216

(n,3n)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

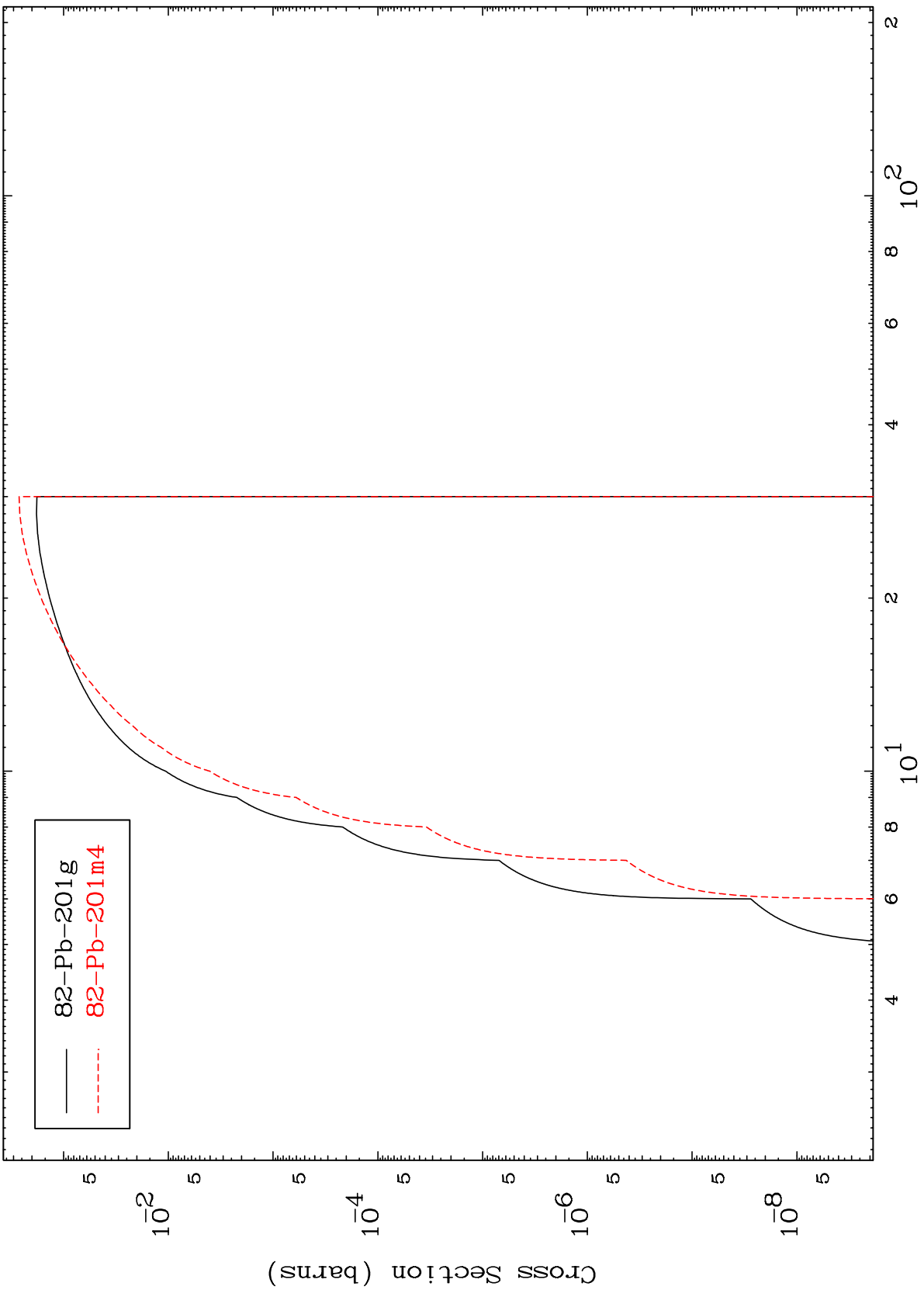
82-Pb-201

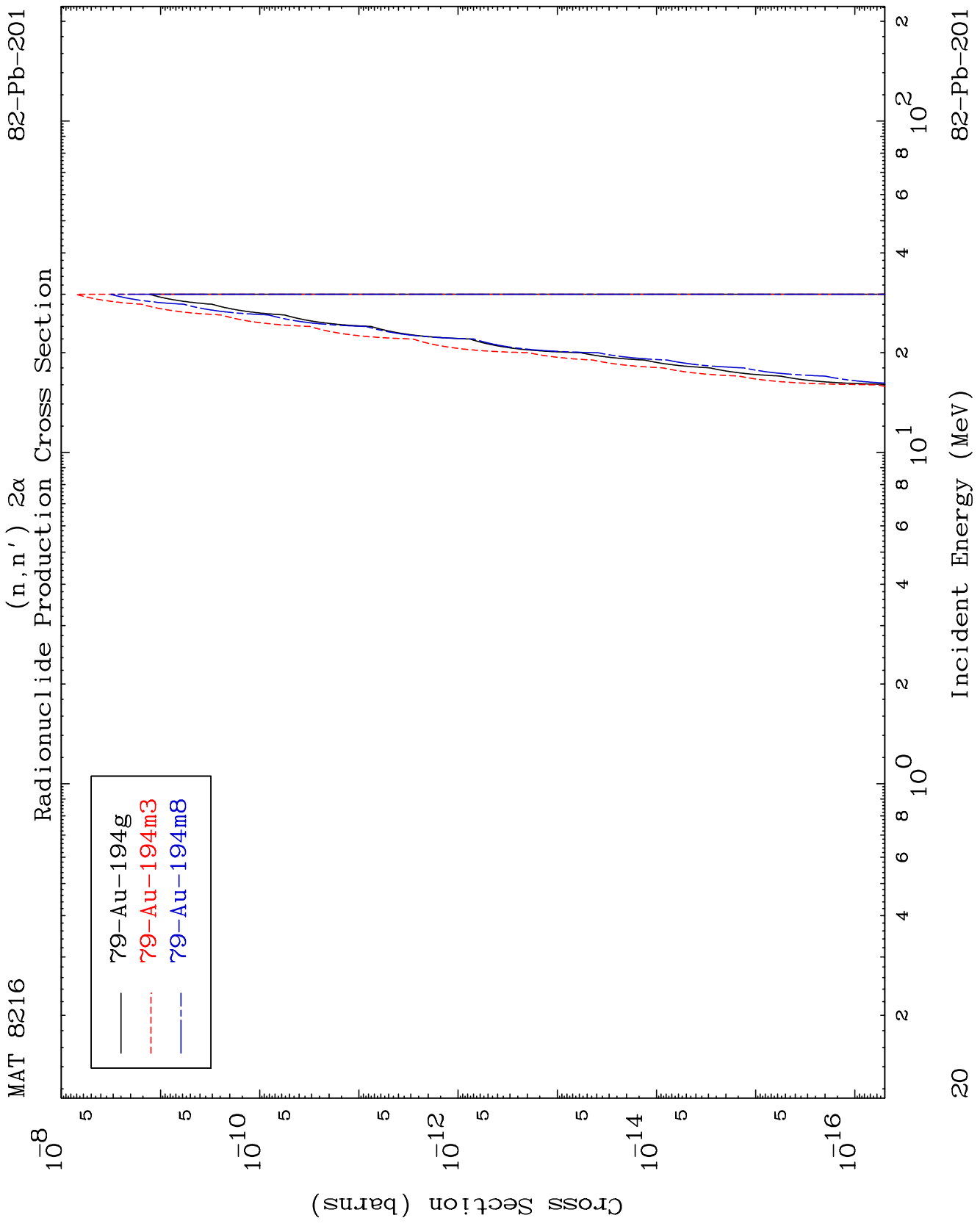
MAT 8216

(n,n') p

82-Pb-201

Radionuclide Production Cross Section



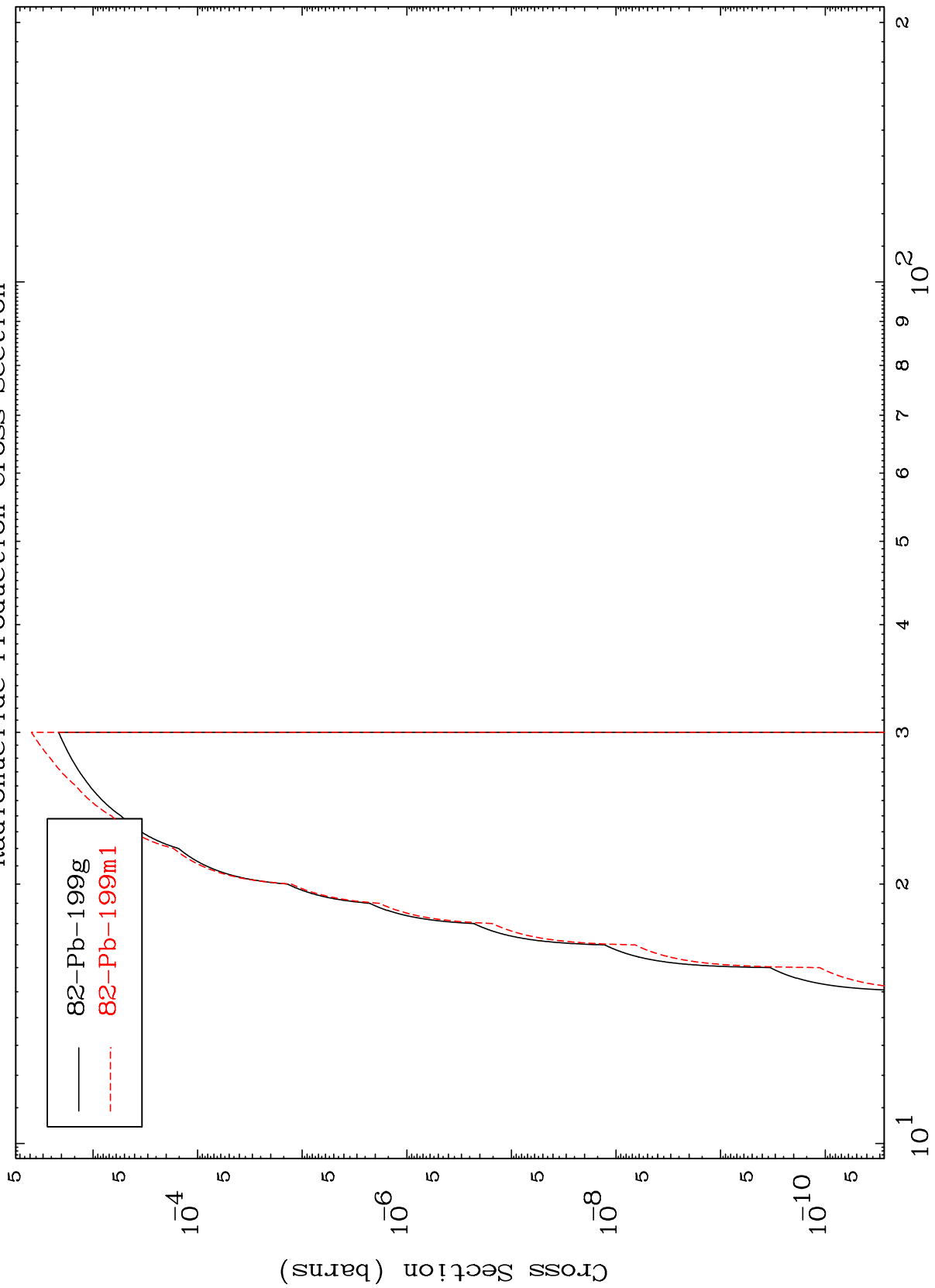


MAT 8216

(n,n') t

82-Pb-201

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-201

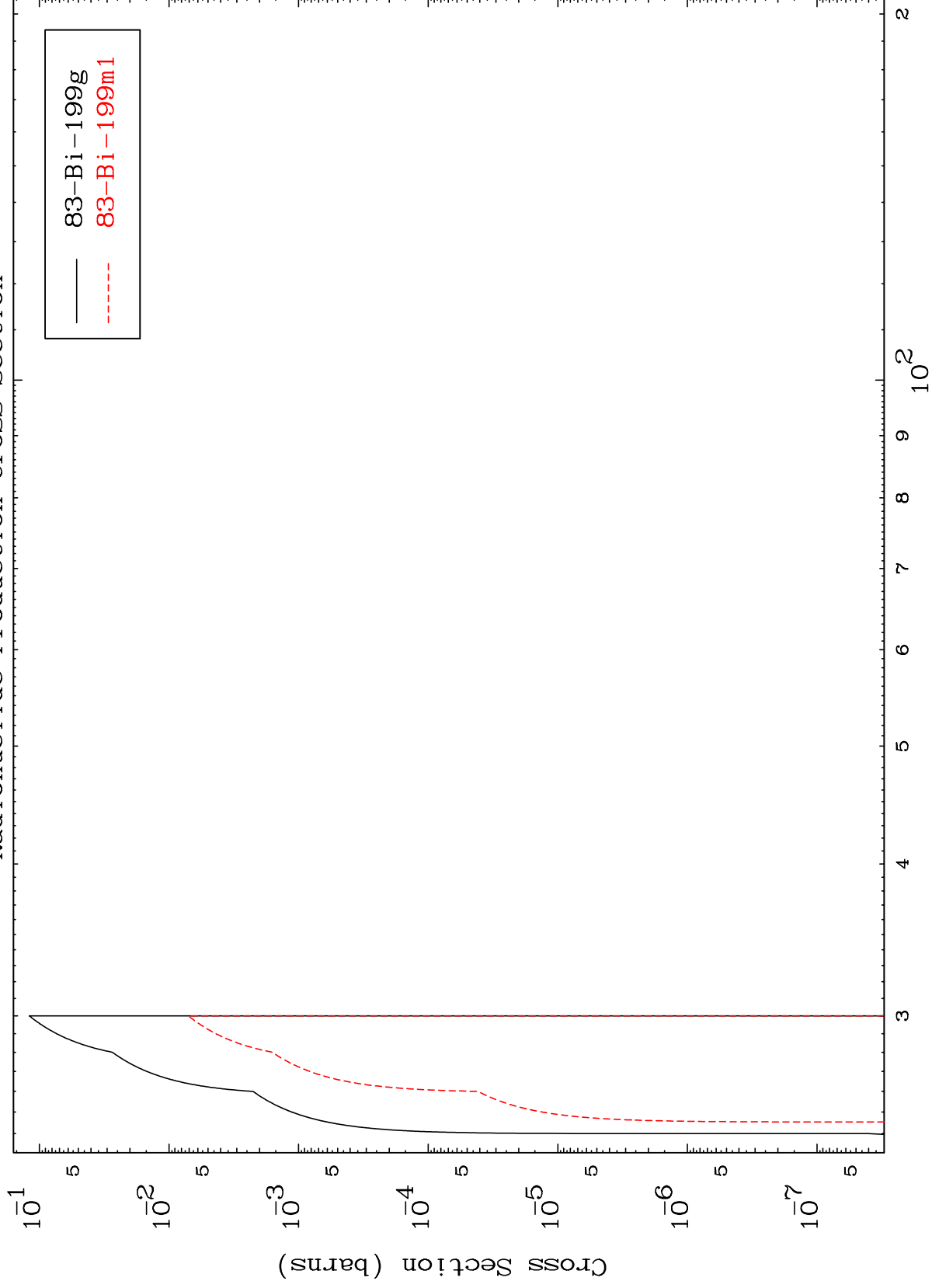
21

MAT 8216

(n,4n)

82-Pb-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

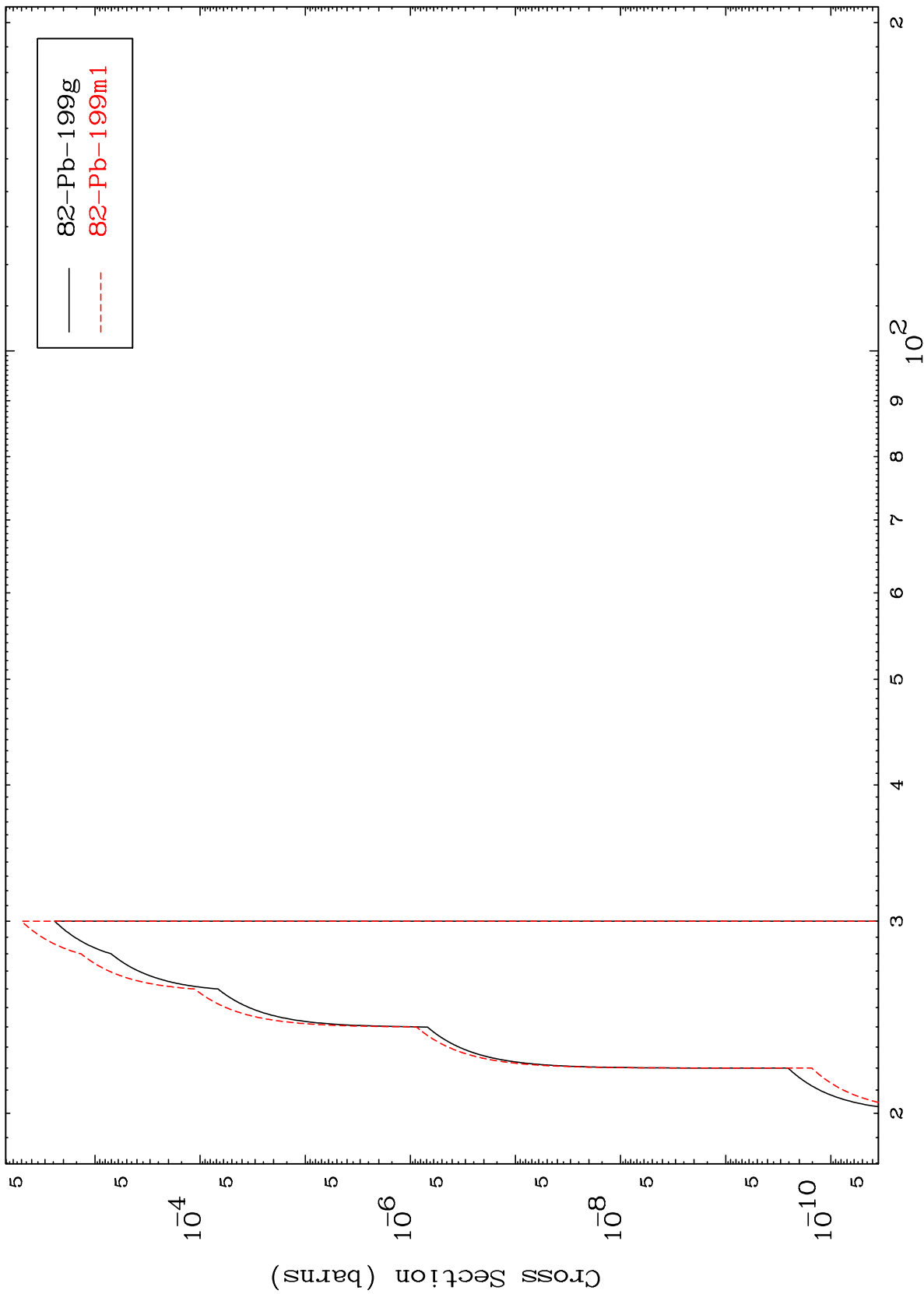
82-Pb-201

MAT 8216

(n,3n) p

82-Pb-201

Radionuclide Production Cross Section



23

Incident Energy (MeV)

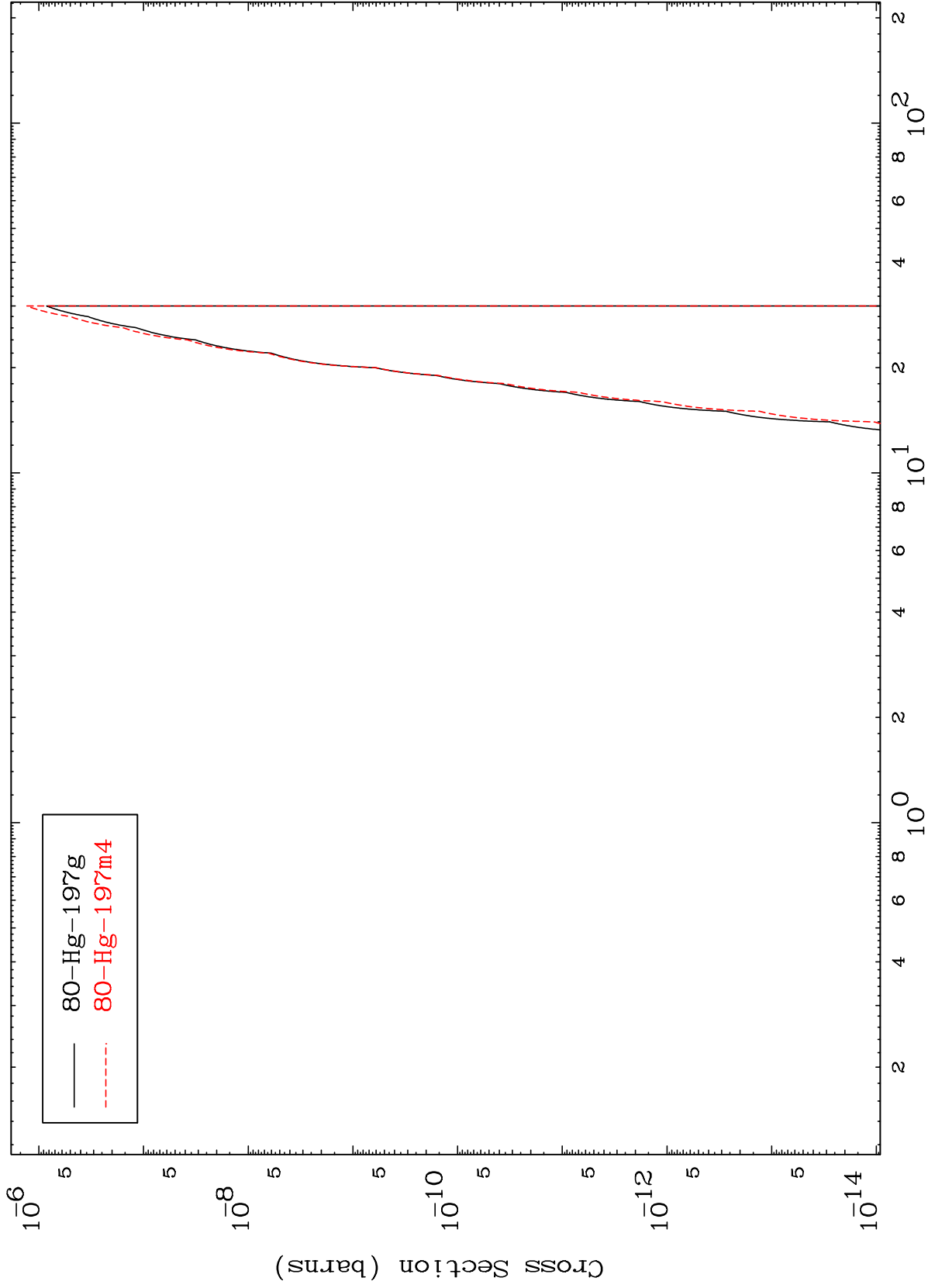
82-Pb-201

MAT 8216

(n,n') p  $\alpha$

82-Pb-201

Radionuclide Production Cross Section



24

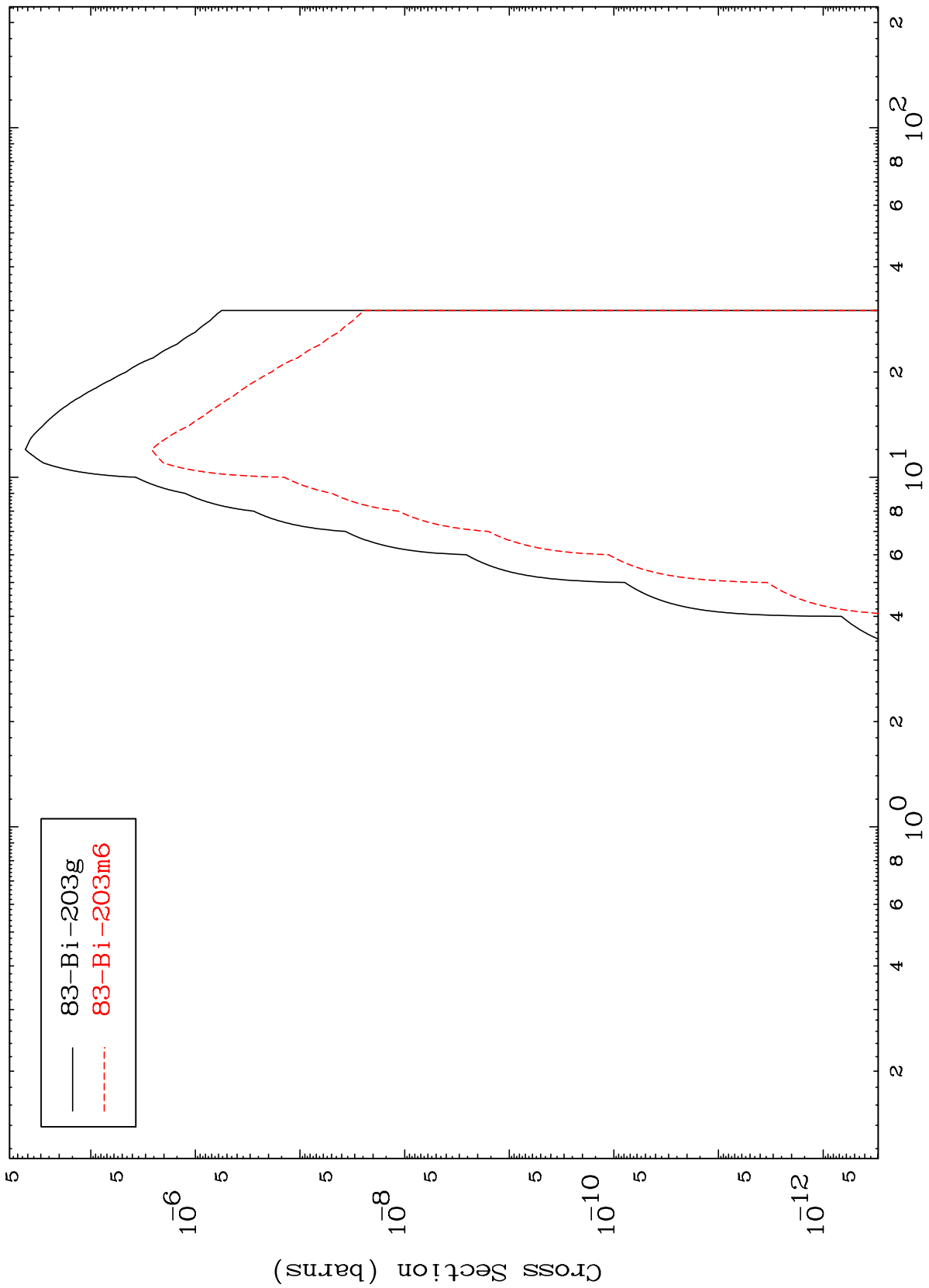
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

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



25

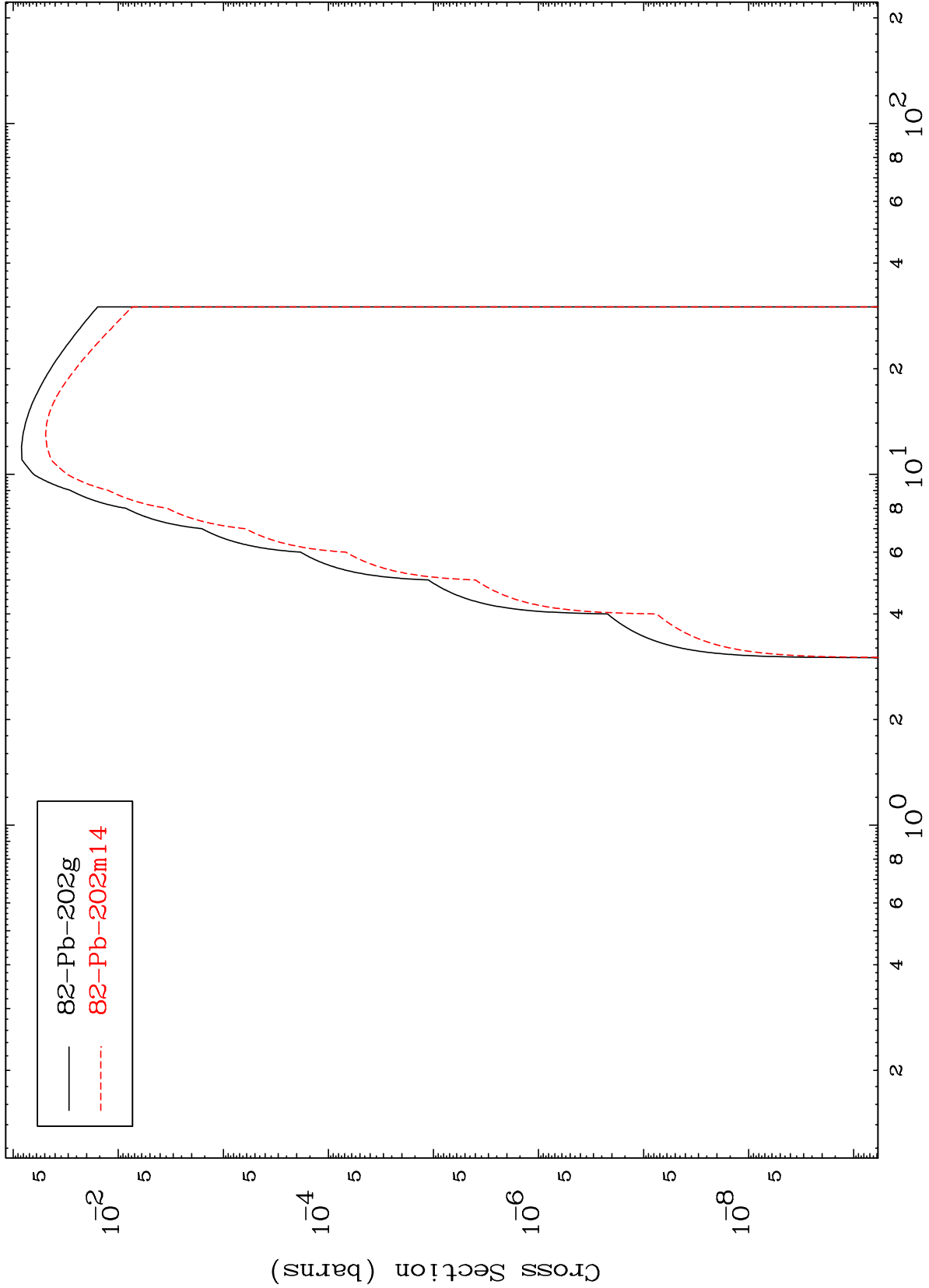
82-Pb-201

Incident Energy (MeV)

MAT 8216

82-Pb-201

(n,p)  
Radionuclide Production Cross Section



— 82-Pb-202g  
- - - 82-Pb-202m14

82-Pb-201

Incident Energy (MeV)

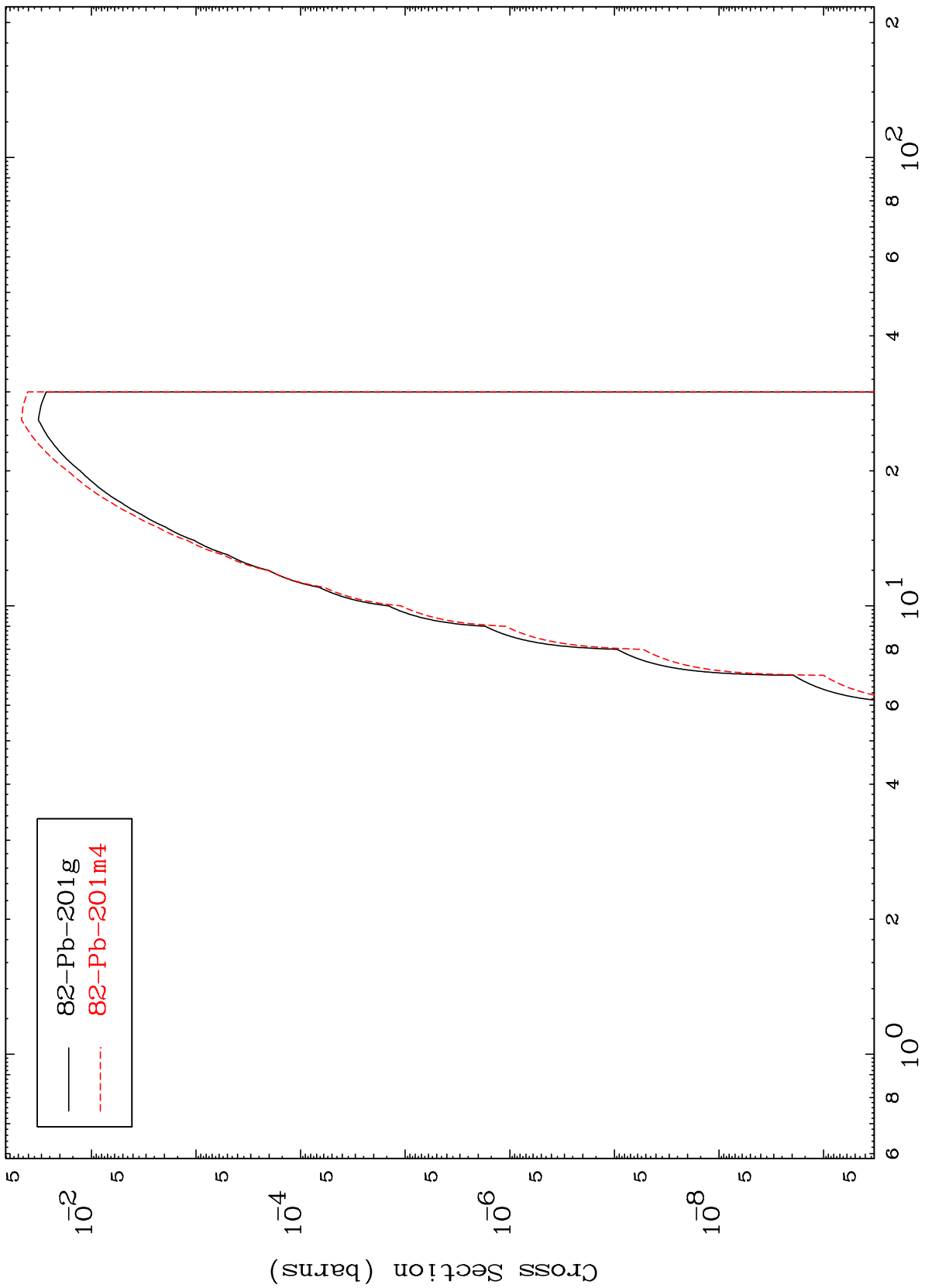
26

MAT 8216

(n,d)

82-Pb-201

Radionuclide Production Cross Section



27

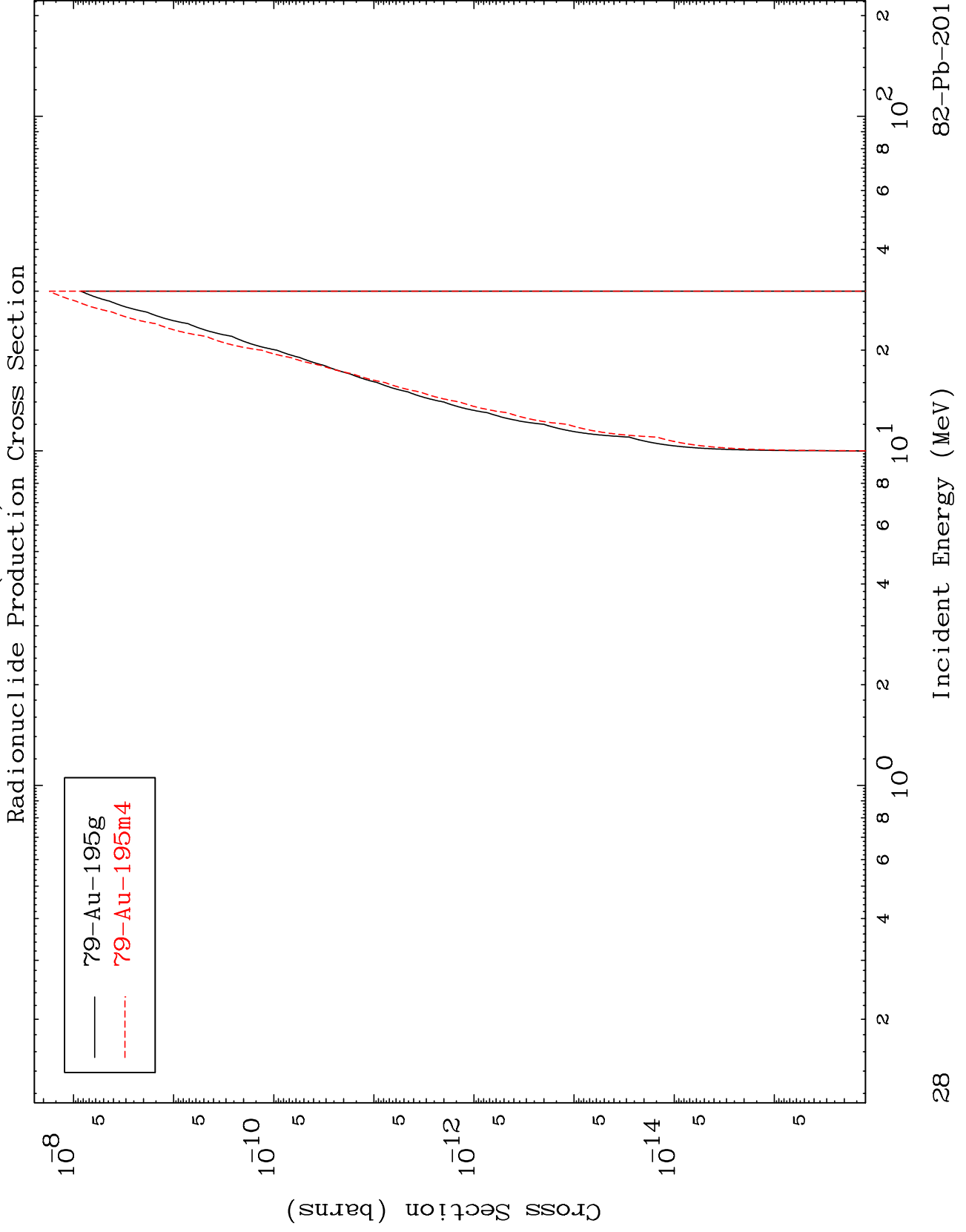
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,2α)

82-Pb-201



MAT 8216

(n,d)  $\alpha$

82-Pb-201

Radionuclide Production Cross Section

