

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

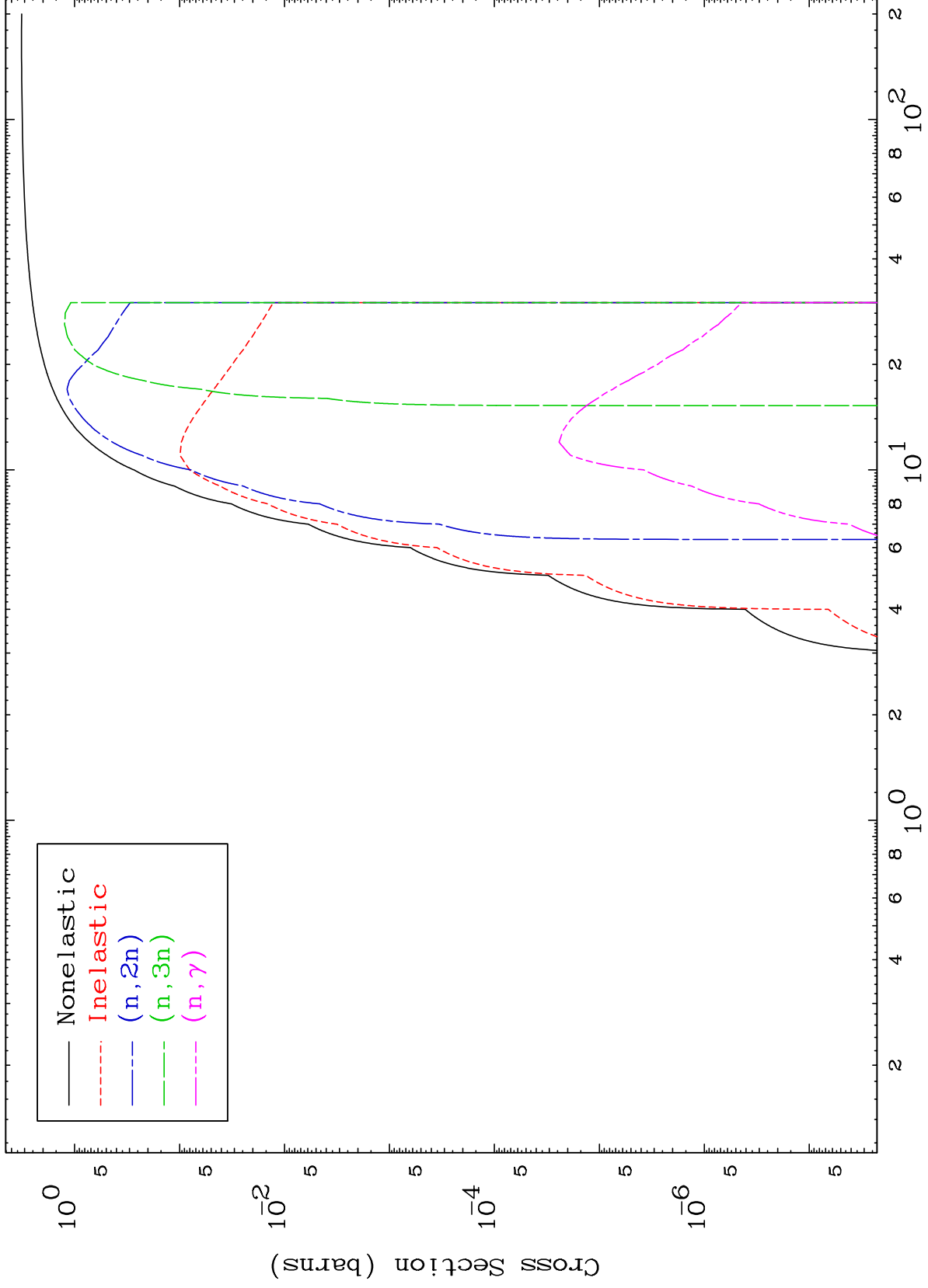
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Web:redcullen1.net/HOMEPAGE.NEW

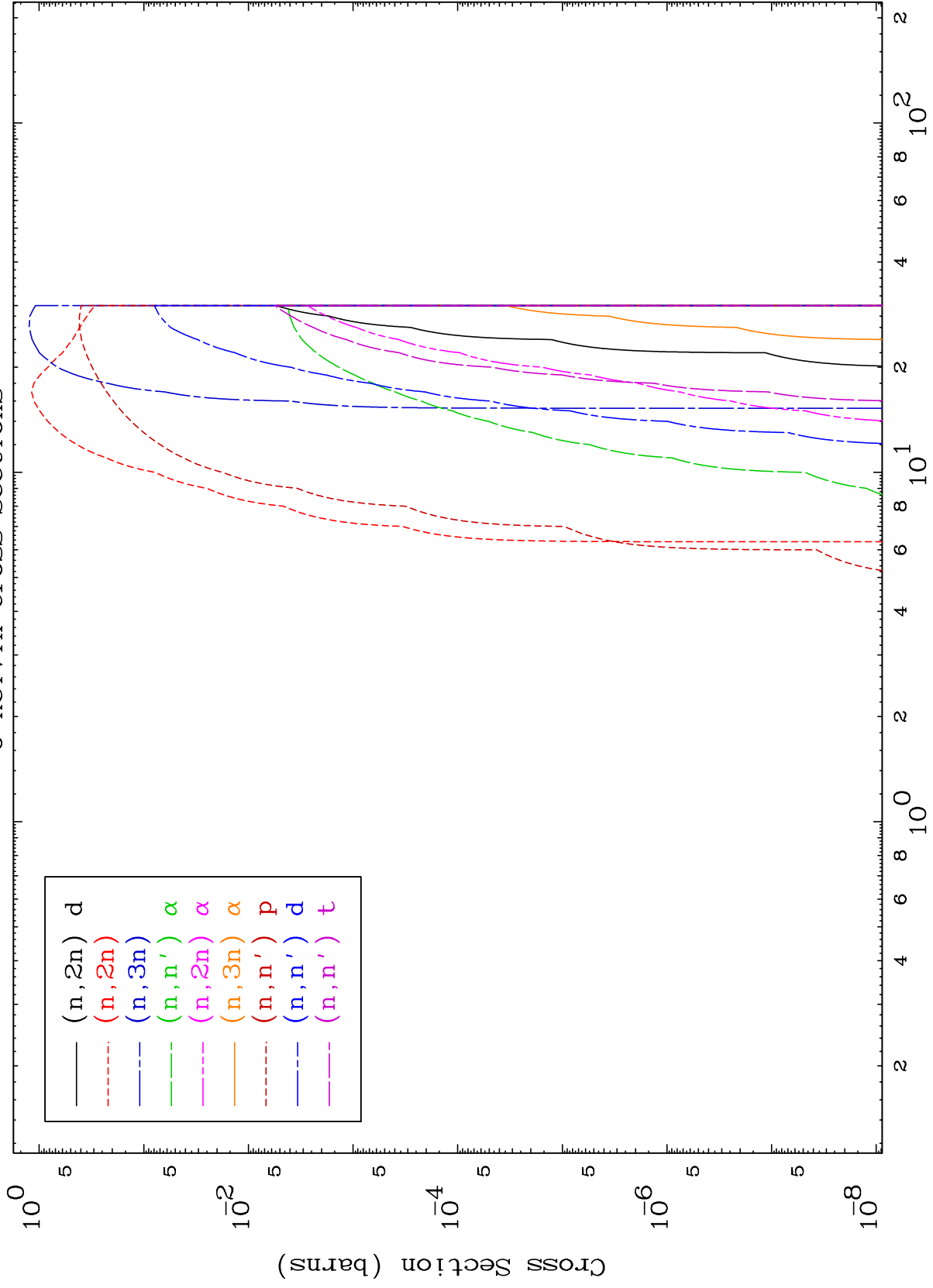
Press Mouse Button to Start



MAT 8222

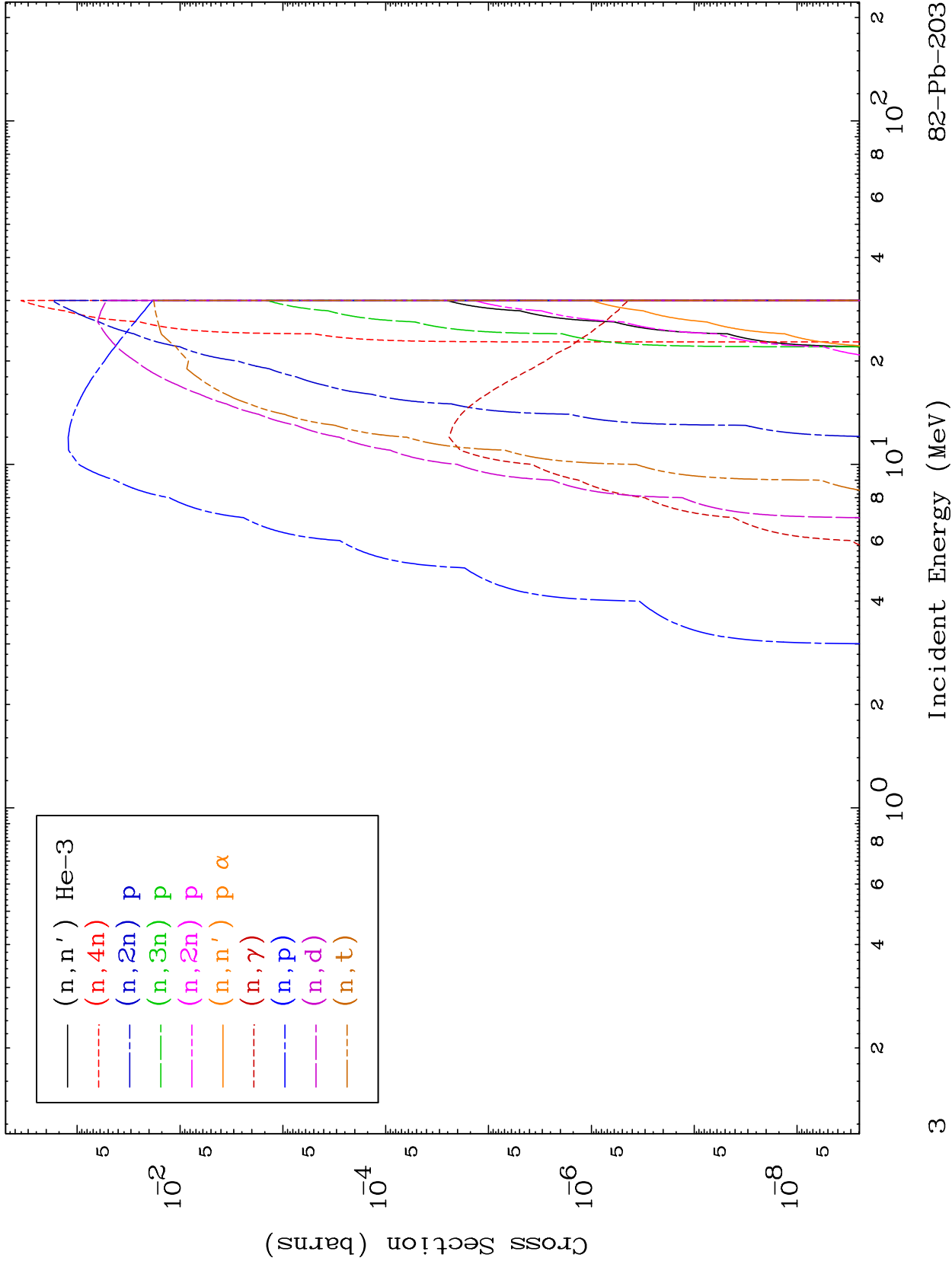
Deuteron Neutron Absorption
0 Kelvin Cross Sections

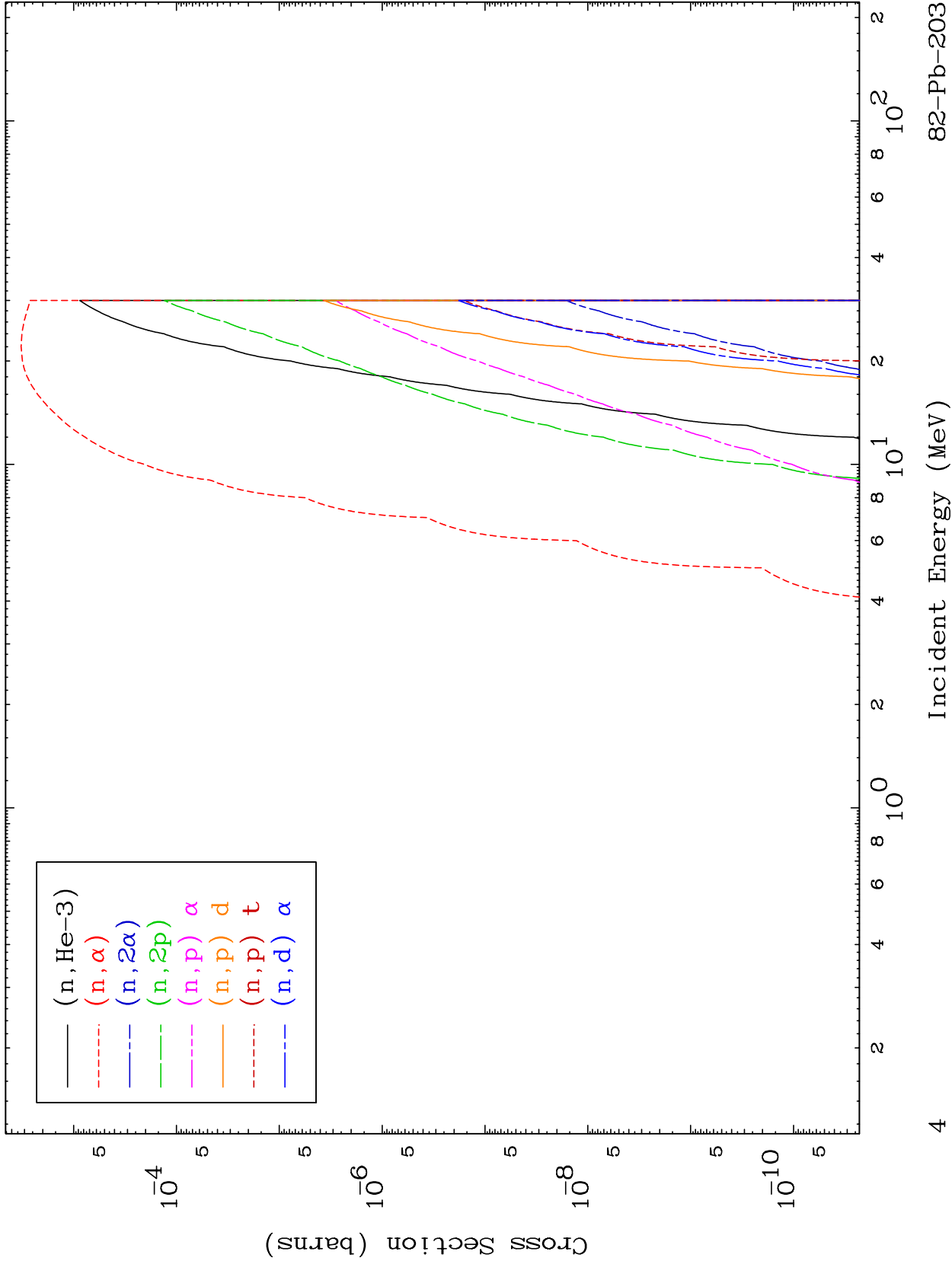
82-Pb-203

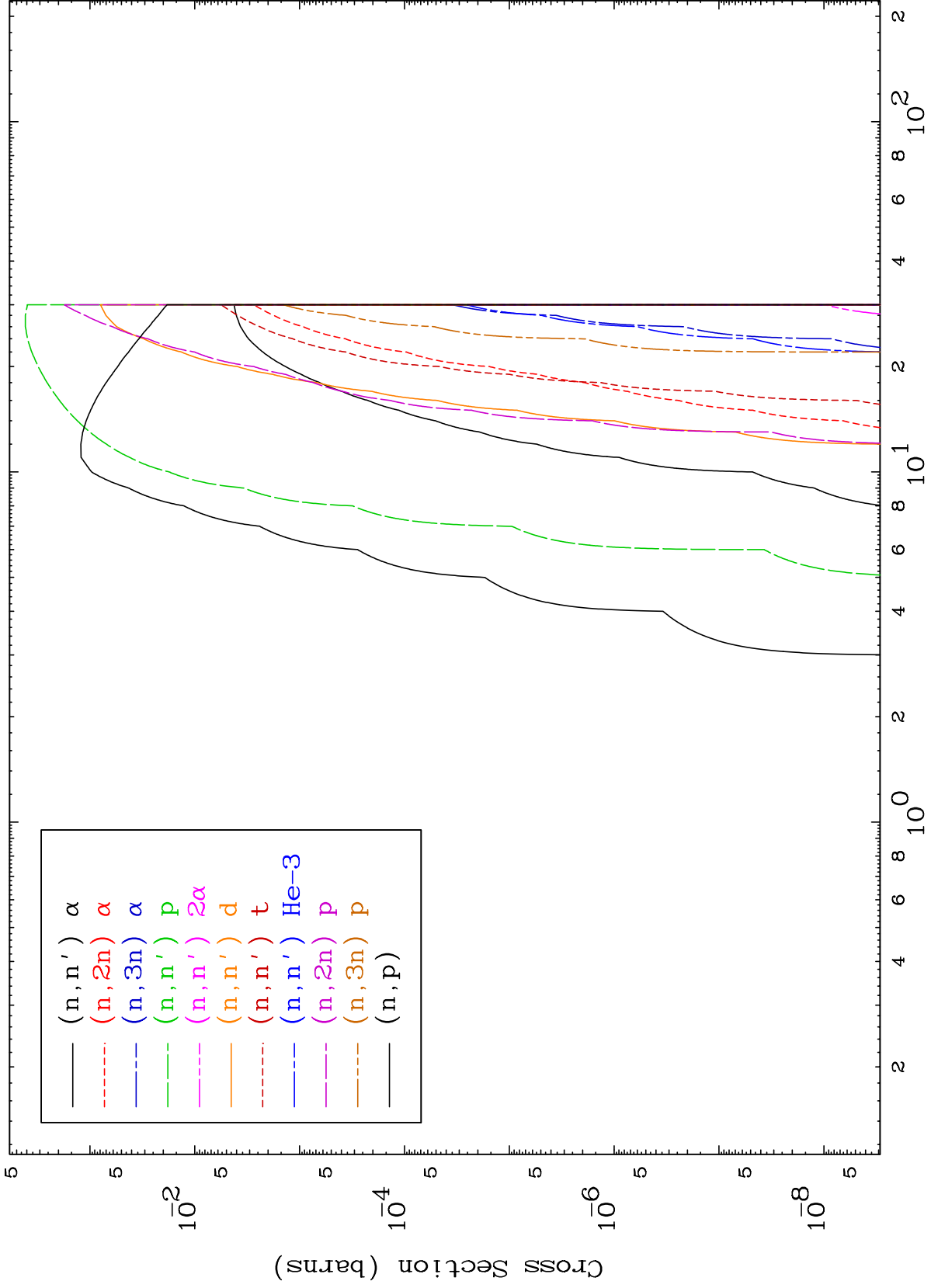


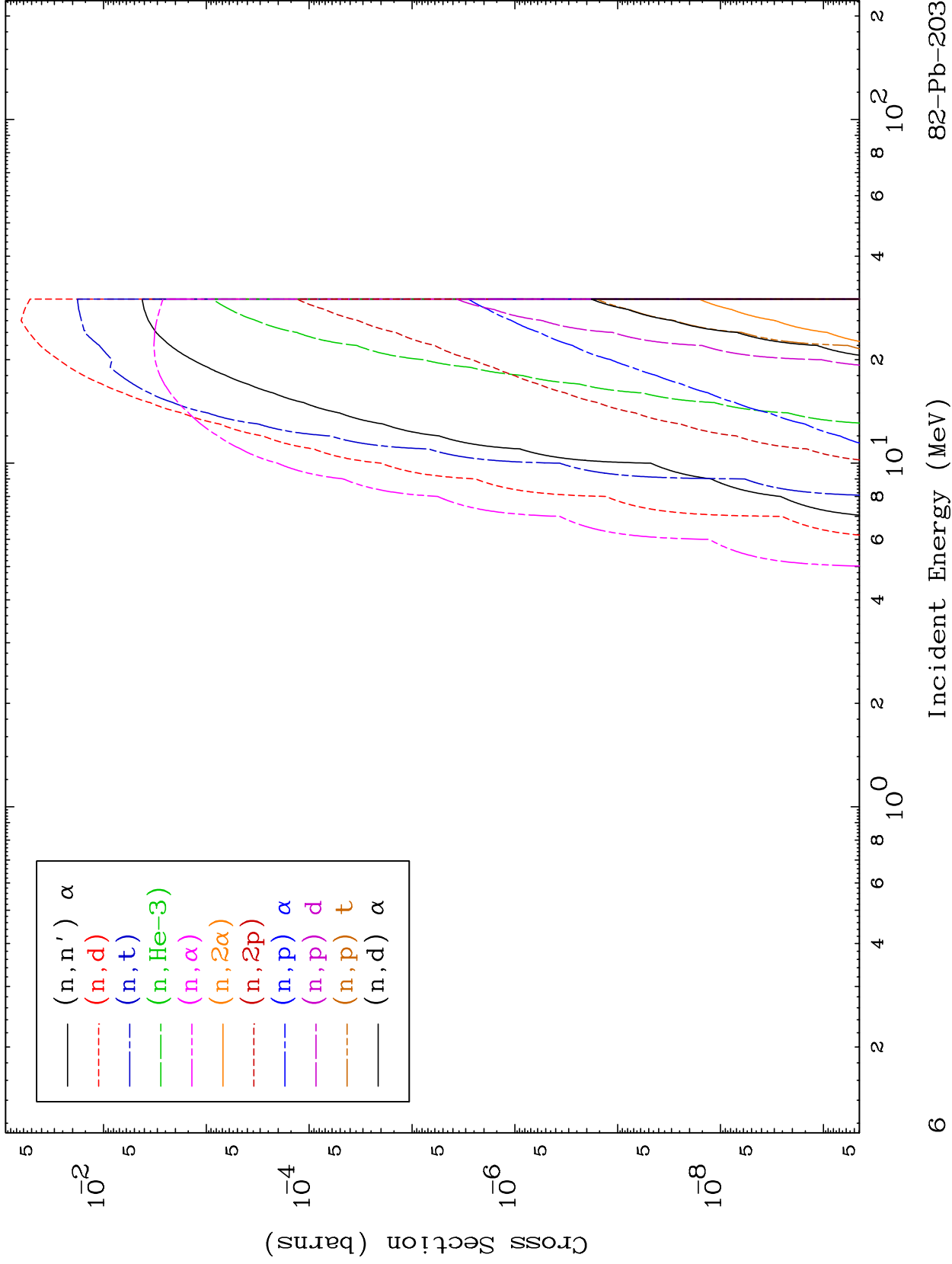
82-Pb-203

Incident Energy (MeV)







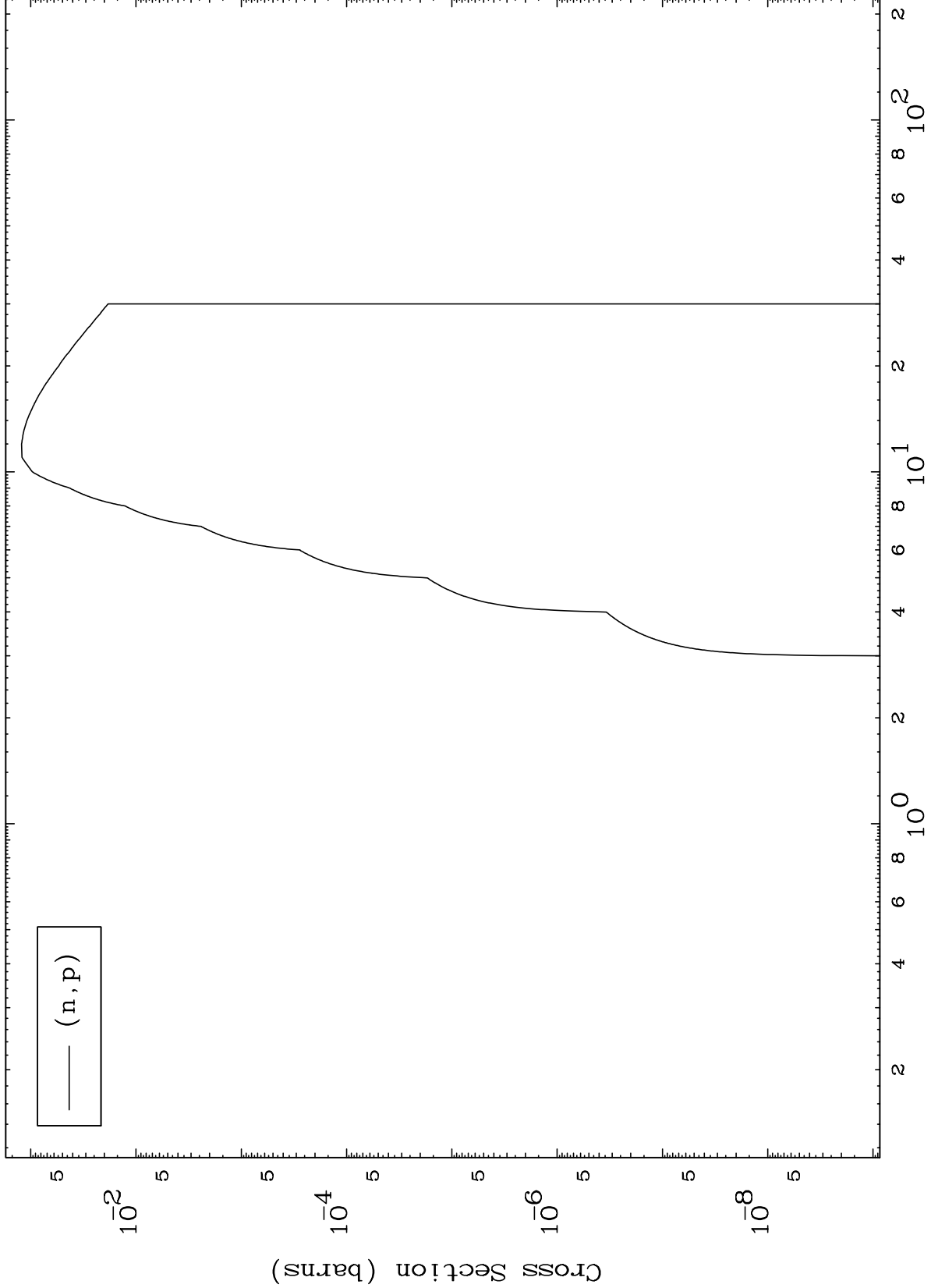


MAT 8222

(d,p) Levels

82-Pb-203

0 Kelvin Cross Sections

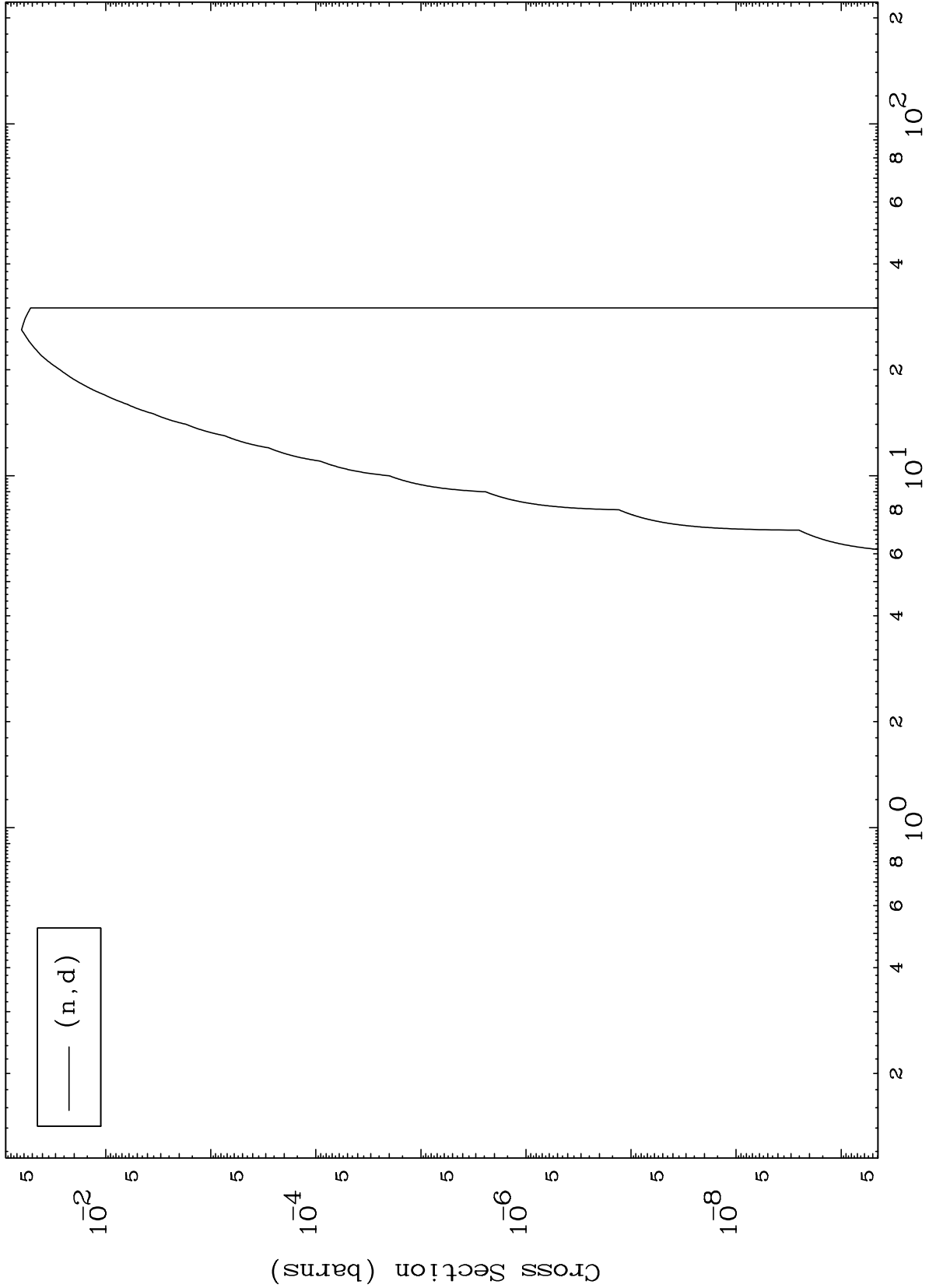


MAT 8222

(d,d) Levels

82-Pb-203

0 Kelvin Cross Sections

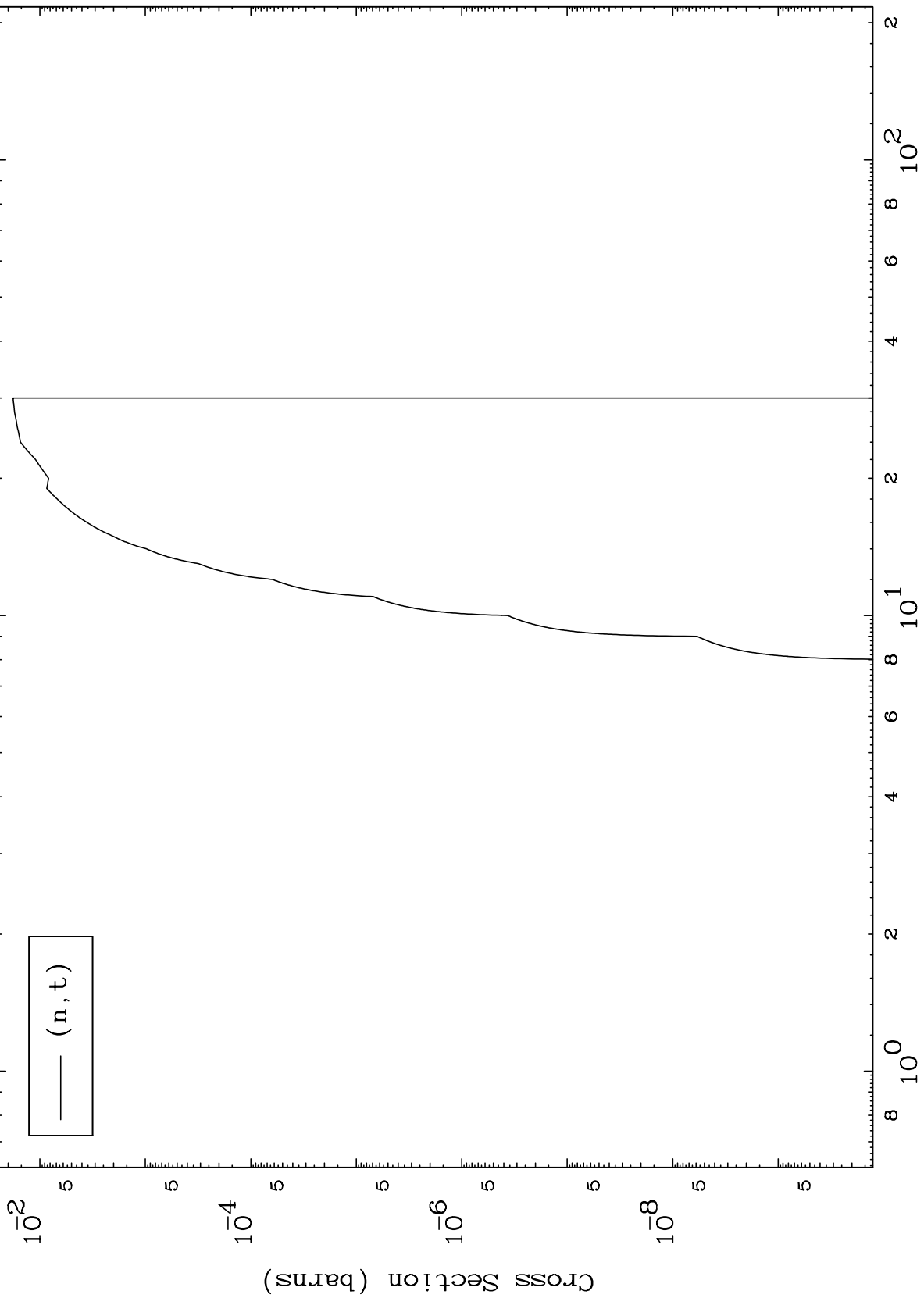


MAT 8222

(d, t) Levels

82-Pb-203

0 Kelvin Cross Sections



9

Incident Energy (MeV)

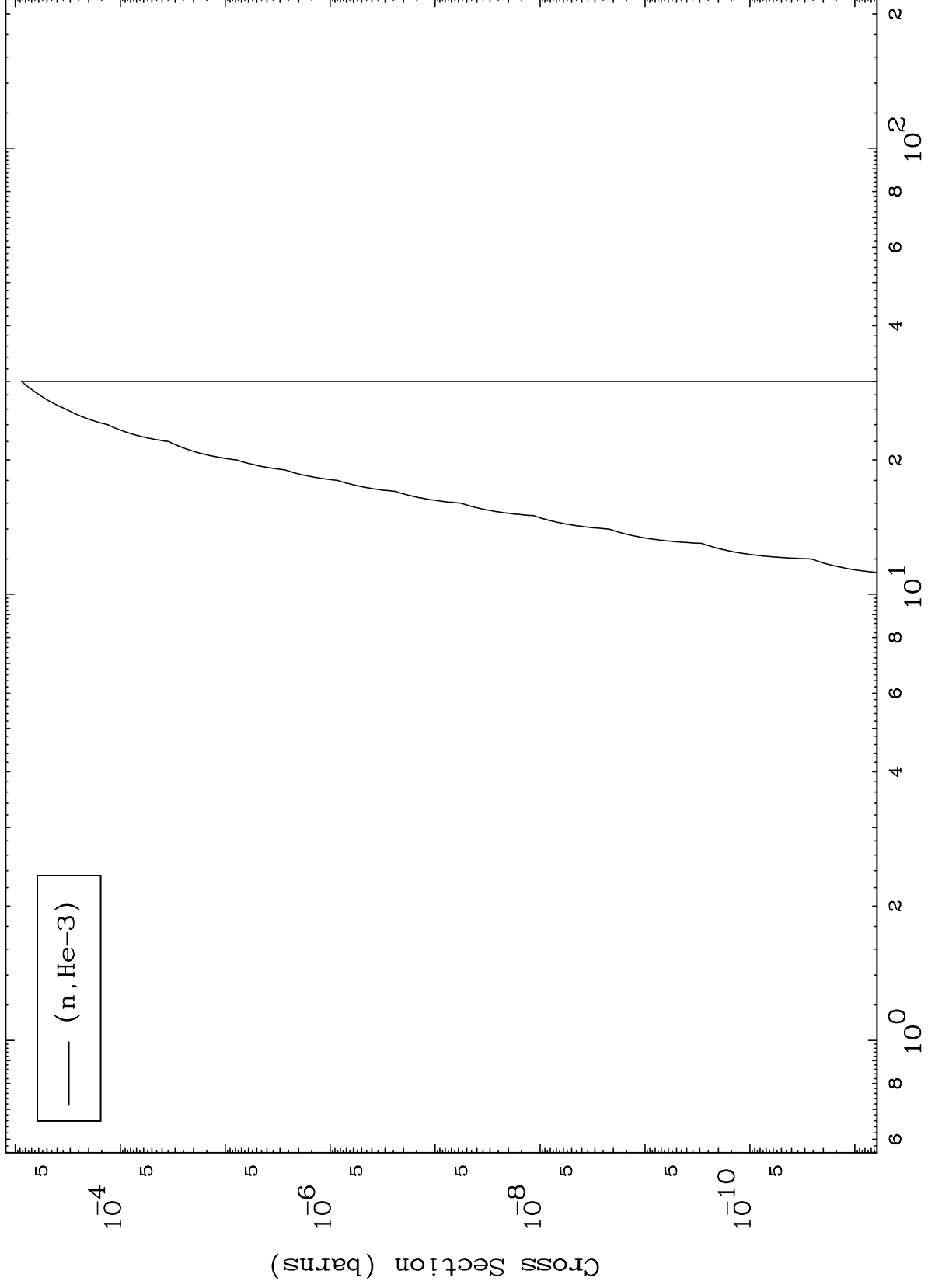
82-Pb-203

MAT 8222

(d,He3) Levels

82-Pb-203

0 Kelvin Cross Sections



10

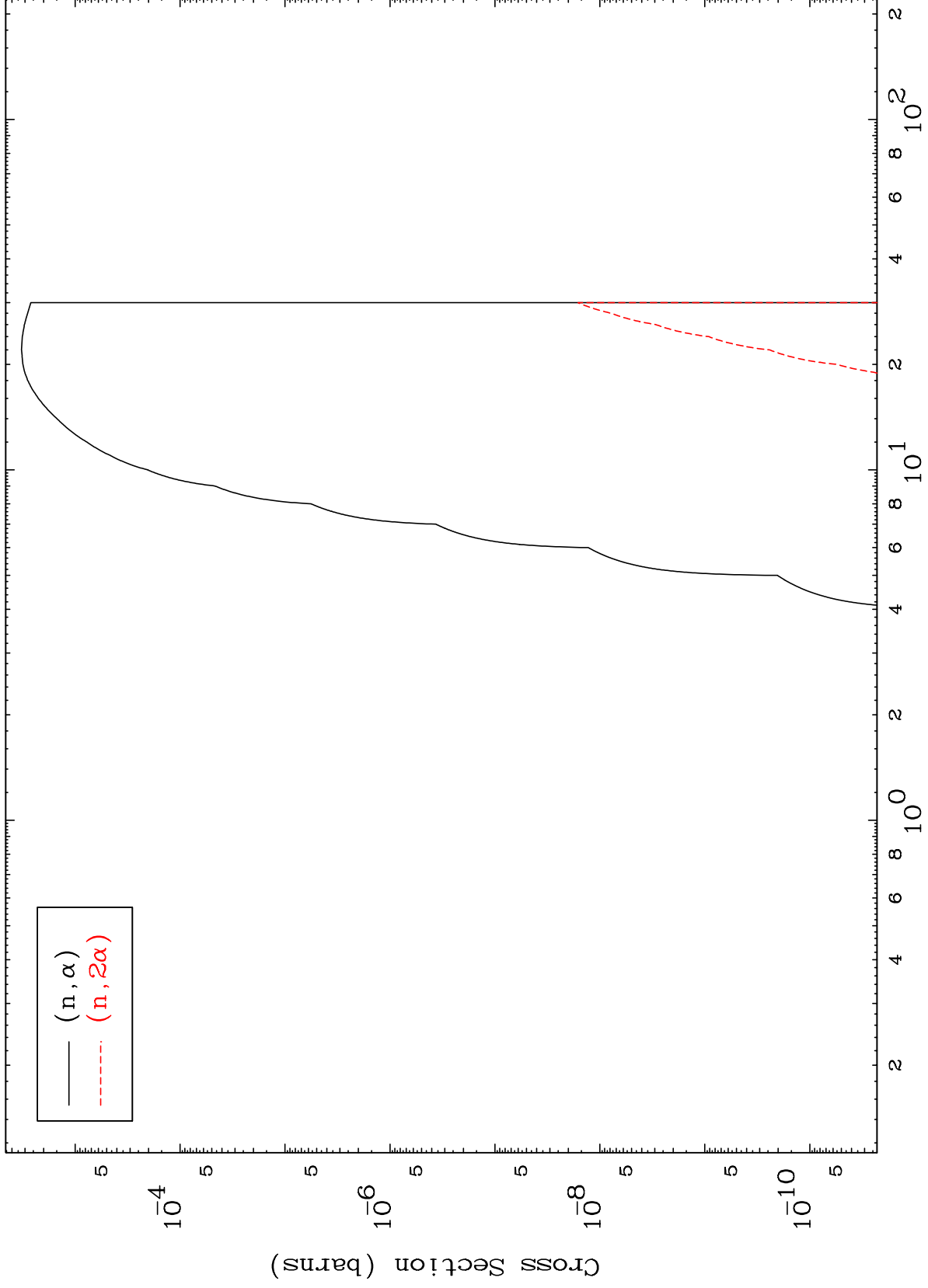
Incident Energy (MeV)

82-Pb-203

MAT 8222

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-203



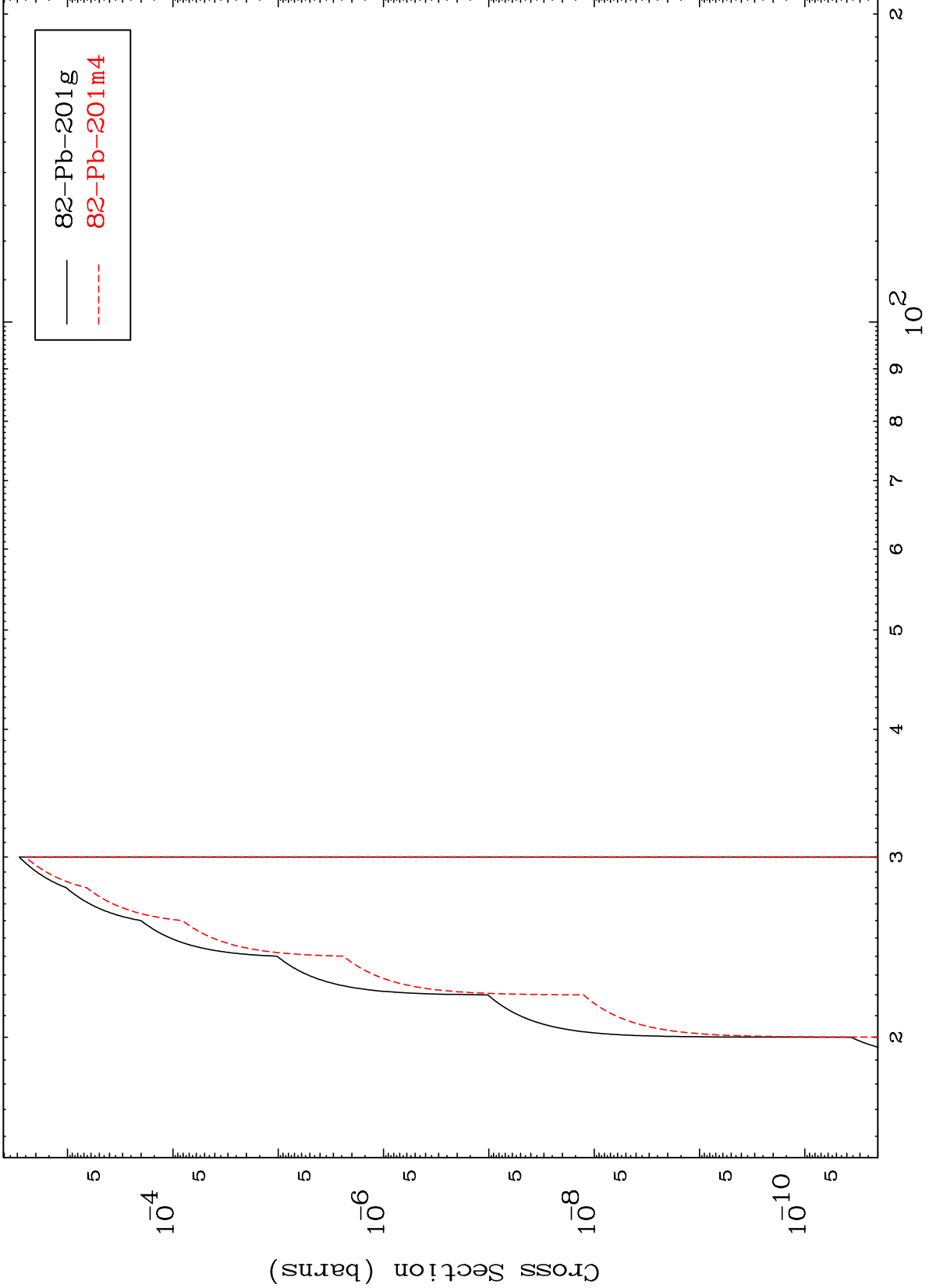
82-Pb-203

MAT 82222

(n,2n) d

82-Pb-203

Radionuclide Production Cross Section



12

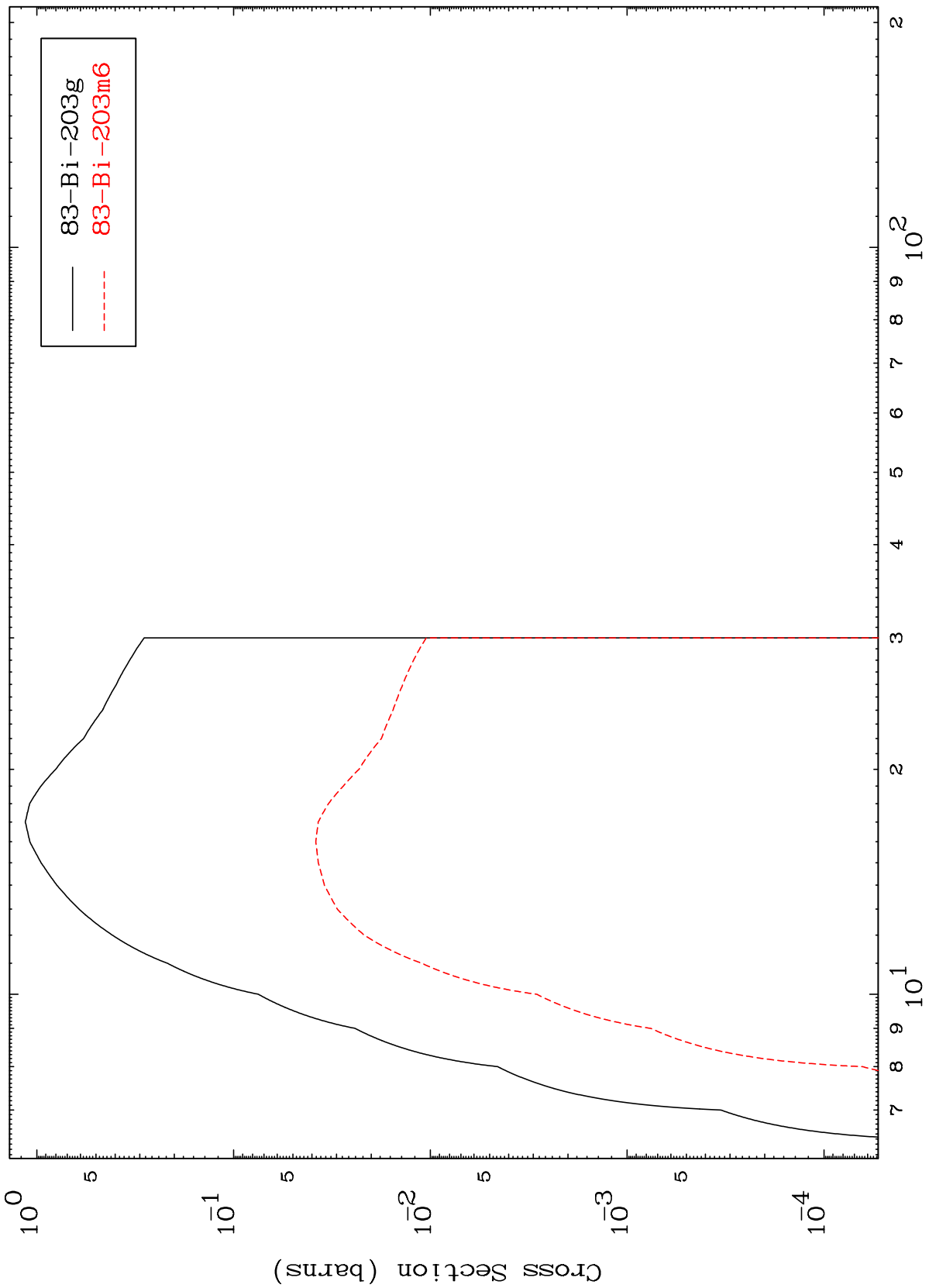
Incident Energy (MeV)

82-Pb-203

MAT 82222

82-Pb-203

(n,2n)
Radionuclide Production Cross Section



82-Pb-203

Incident Energy (MeV)

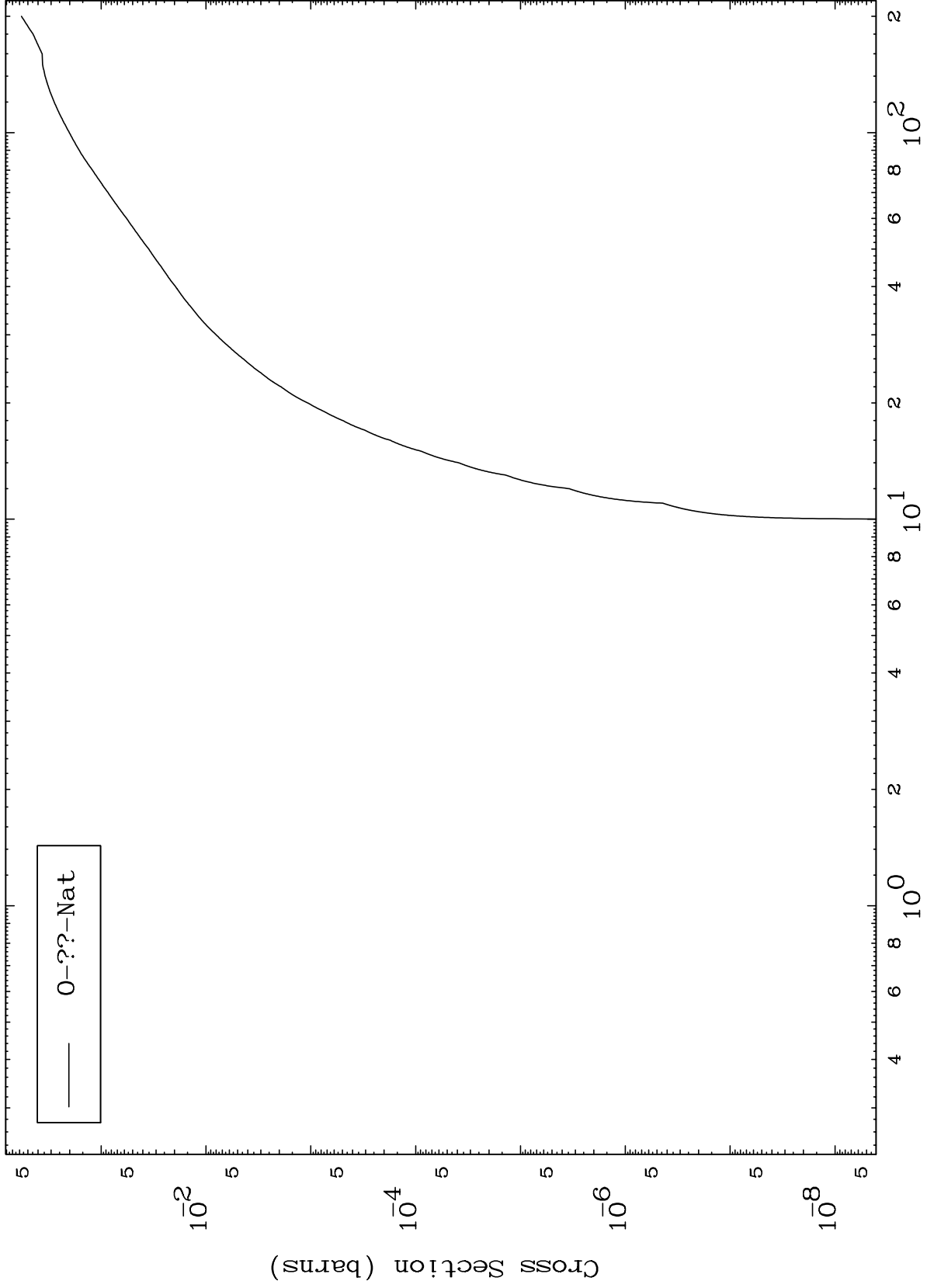
13

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Fission

82-Pb-203

Radionuclide Production Cross Section



0-??-Nat

14

Incident Energy (MeV)

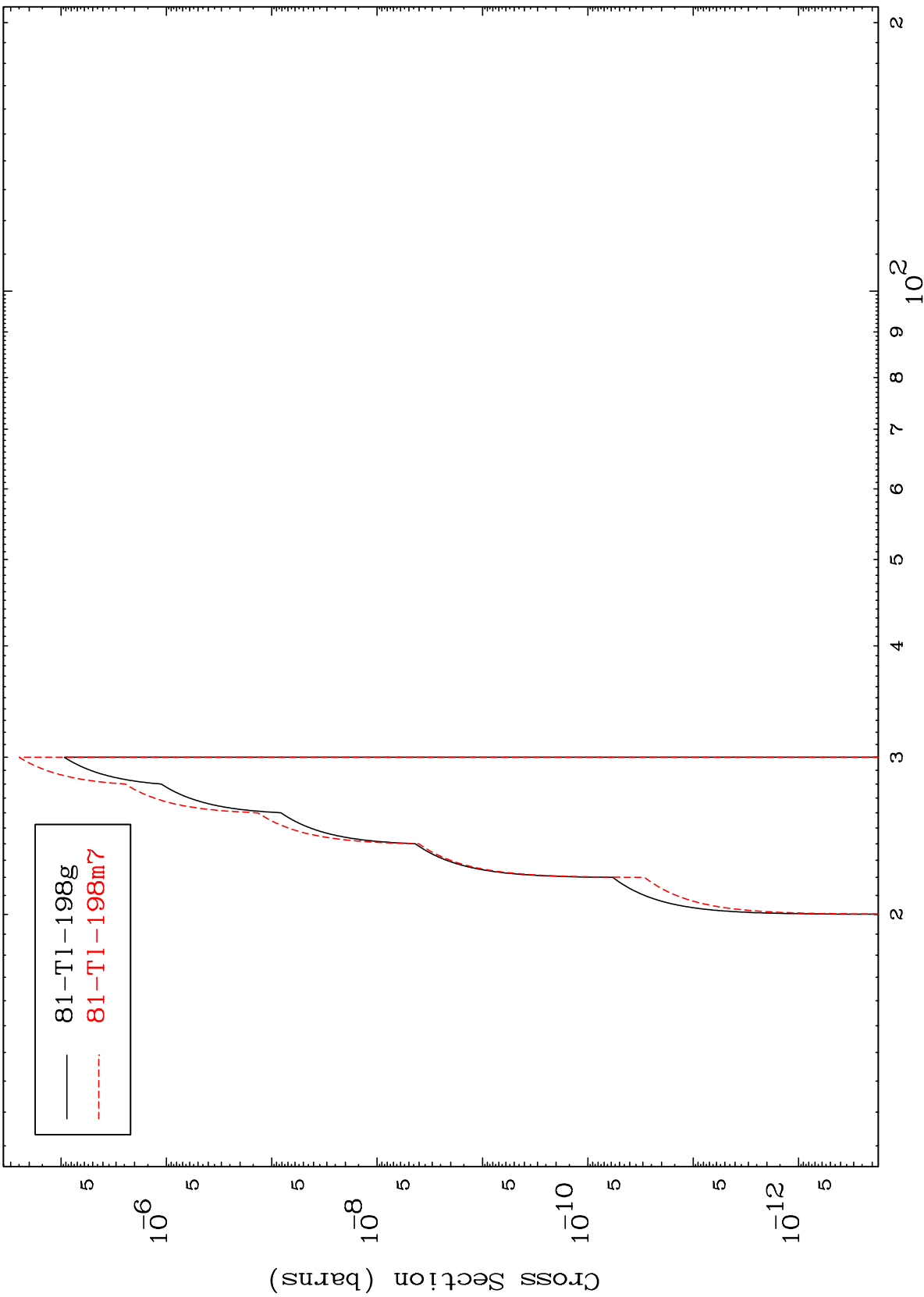
82-Pb-203

MAT 8222

(n,3n) α

82-Pb-203

Radionuclide Production Cross Section



15

Incident Energy (MeV)

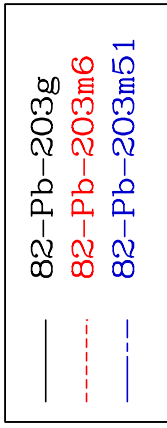
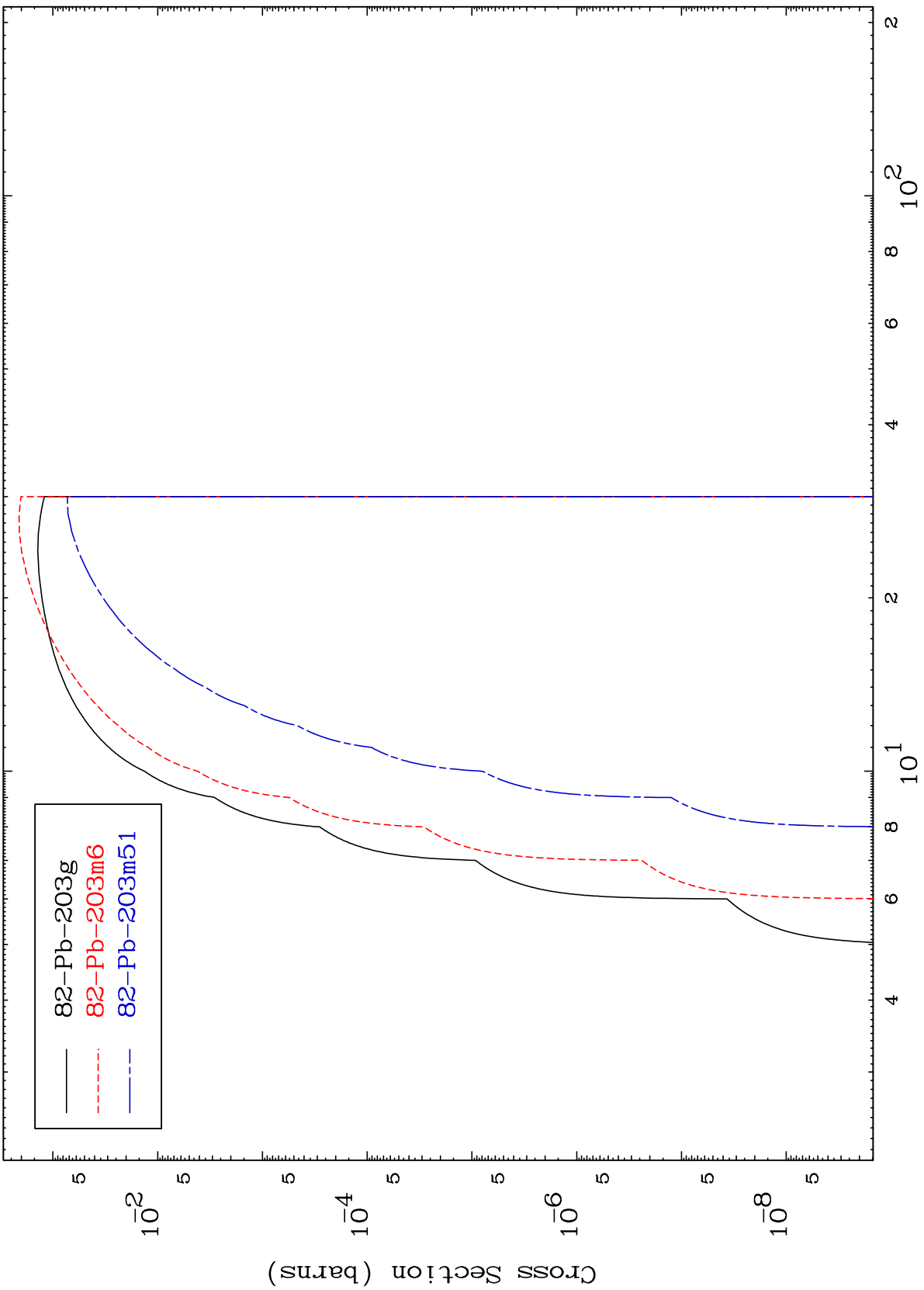
82-Pb-203

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(n,n') p

82-Pb-203

Radionuclide Production Cross Section

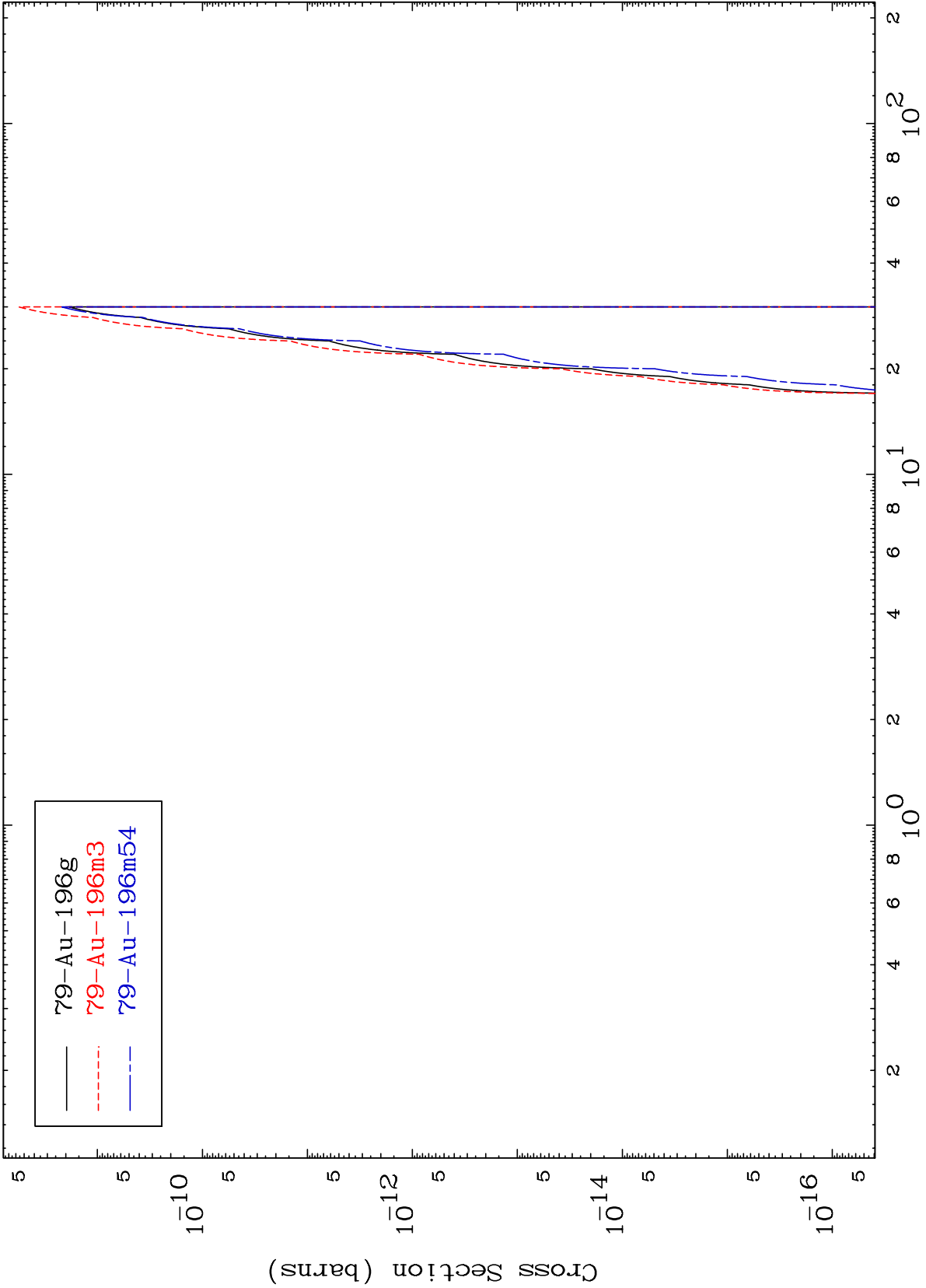


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(n,n') 2 α

82-Pb-203

Radionuclide Production Cross Section

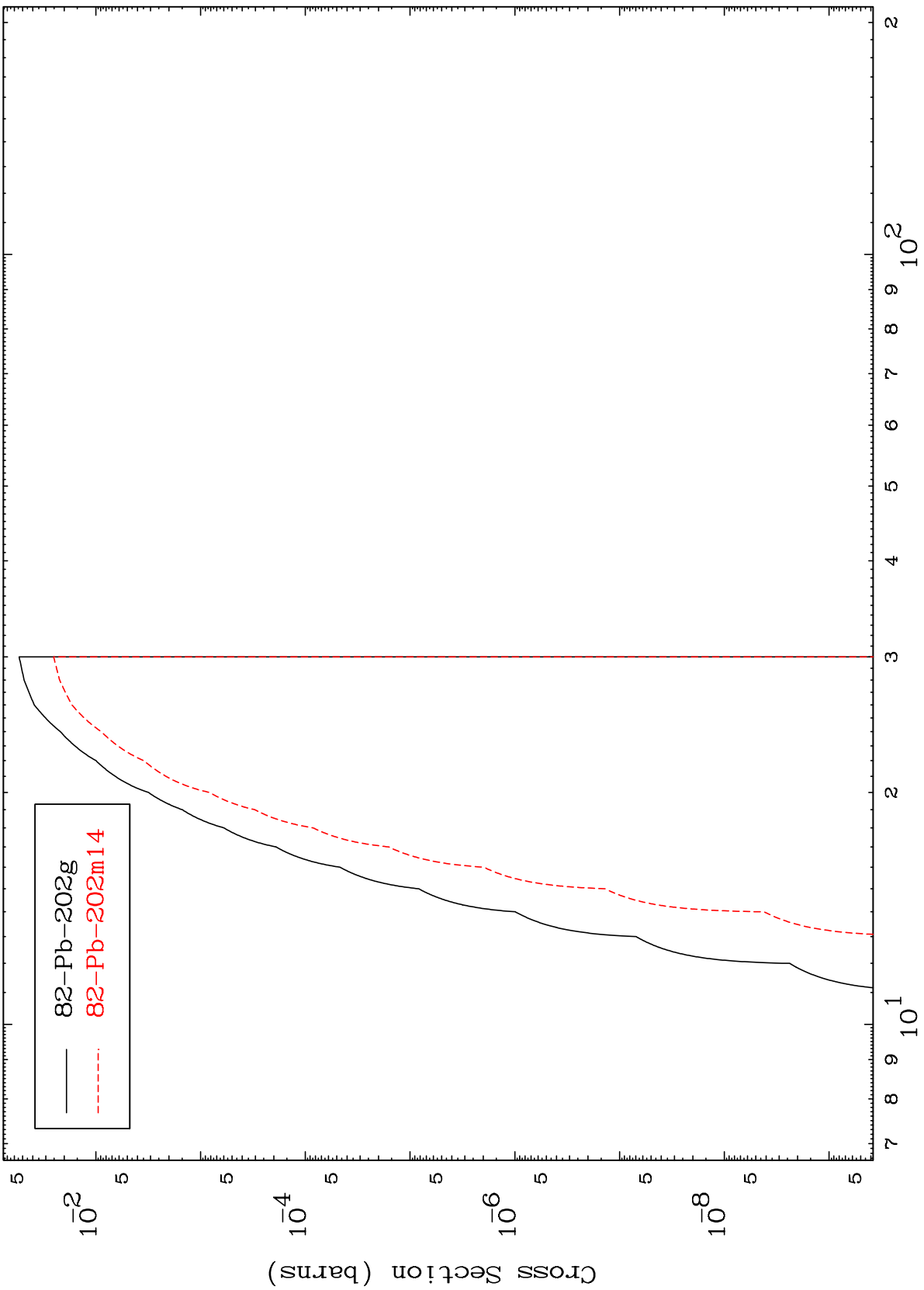


MAT 8222

(n,n') d

82-Pb-203

Radionuclide Production Cross Section



18

Incident Energy (MeV)

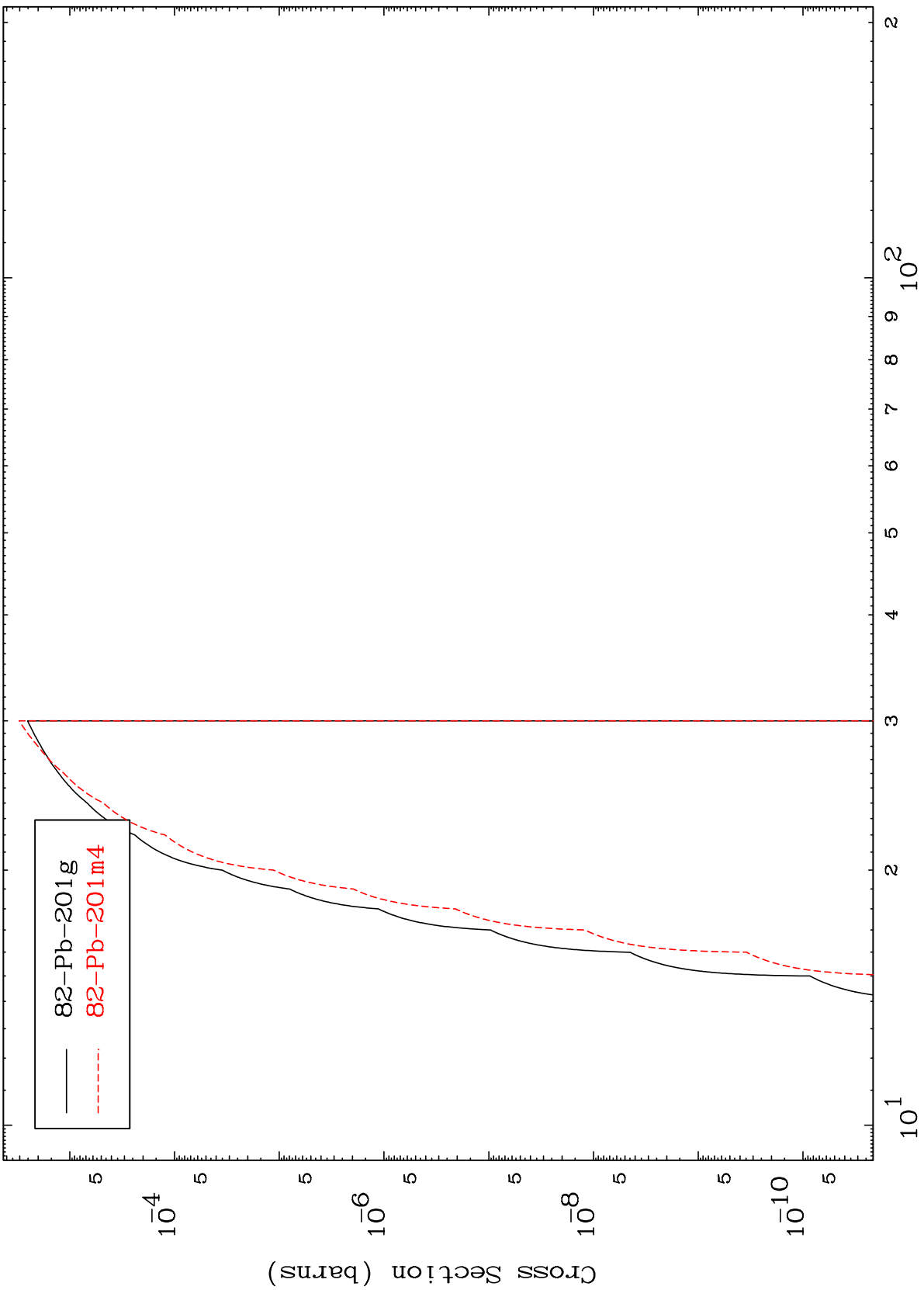
82-Pb-203

MAT 82222

(n,n') t

82-Pb-203

Radionuclide Production Cross Section



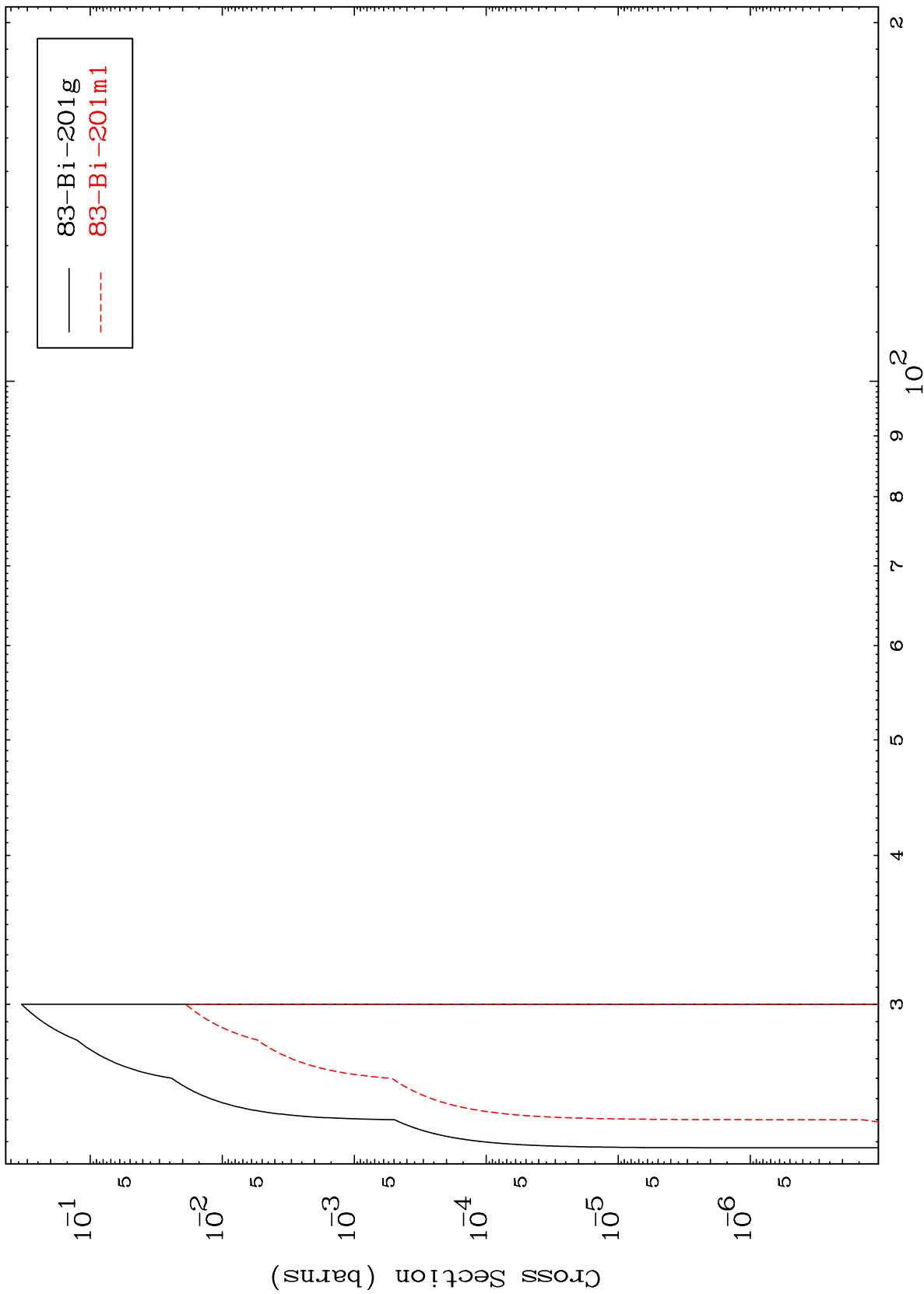
Incident Energy (MeV)

82-Pb-203

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82-Pb-203

(n,4n)
Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

20

Incident Energy (MeV)

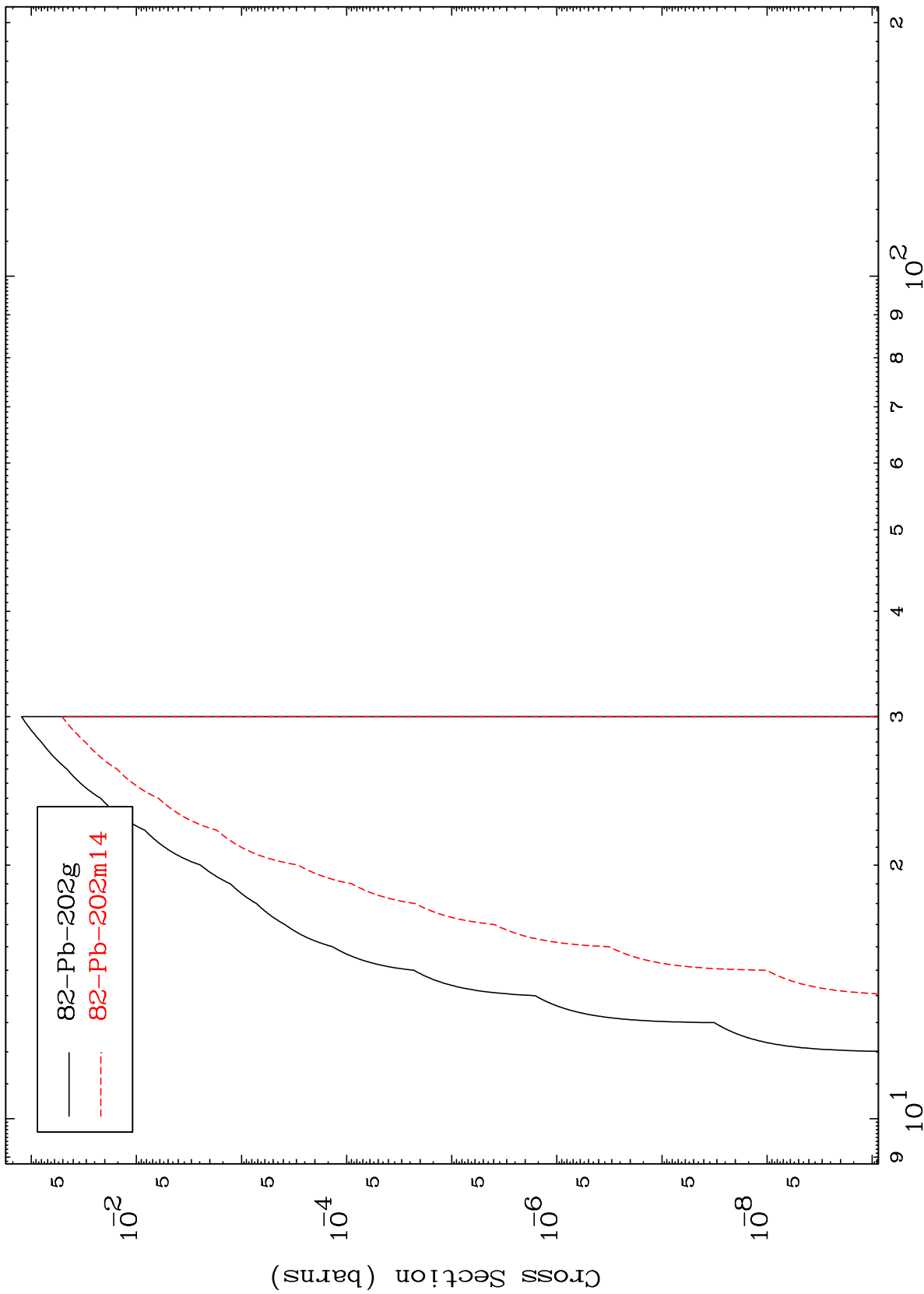
82-Pb-203

MAT 8222

(n,2n) p

82-Pb-203

Radionuclide Production Cross Section



82-Pb-202g
82-Pb-202m14

Incident Energy (MeV)

82-Pb-203

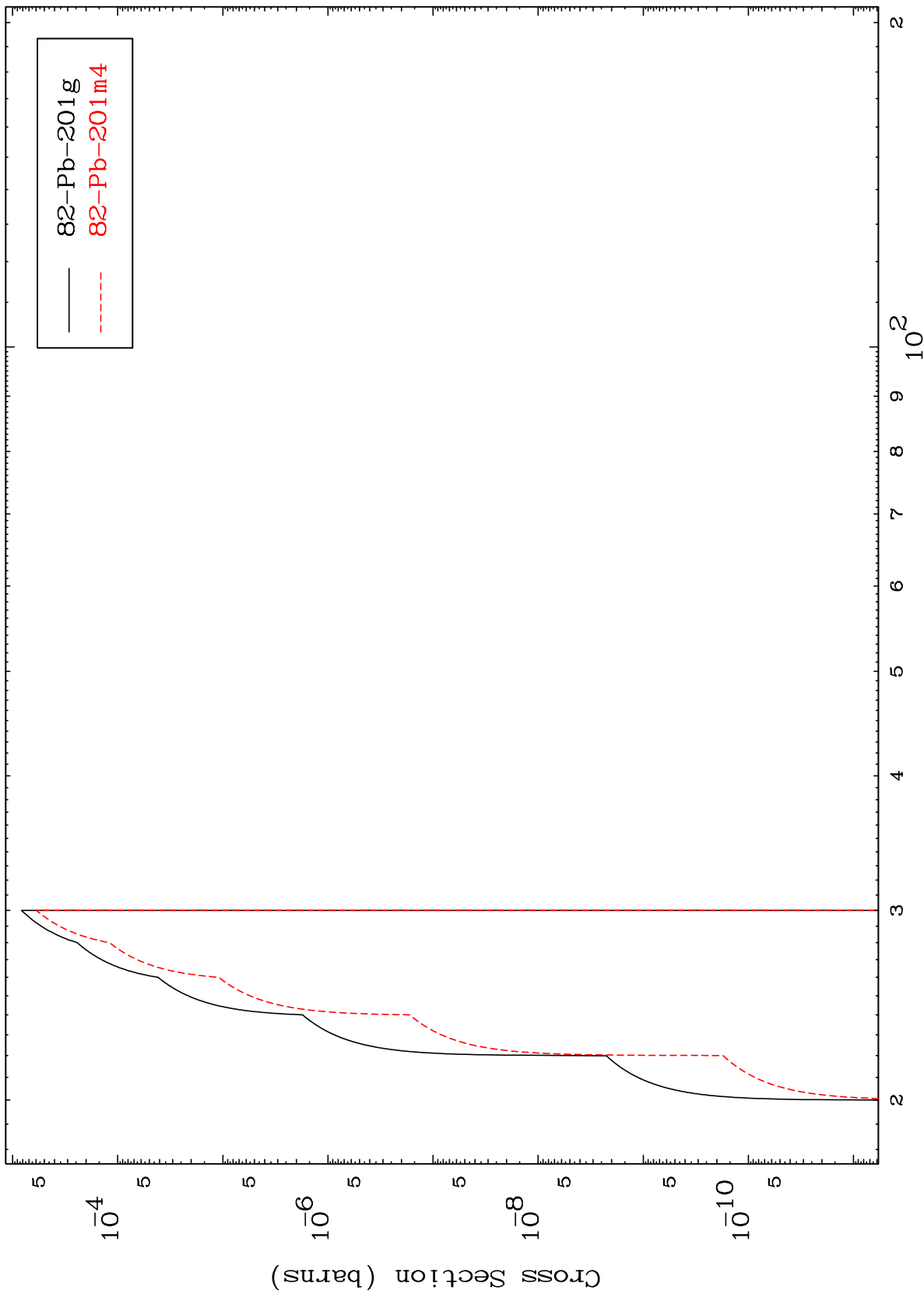
21

MAT 82222

(n,3n) p

82-Pb-203

Radionuclide Production Cross Section



22

Incident Energy (MeV)

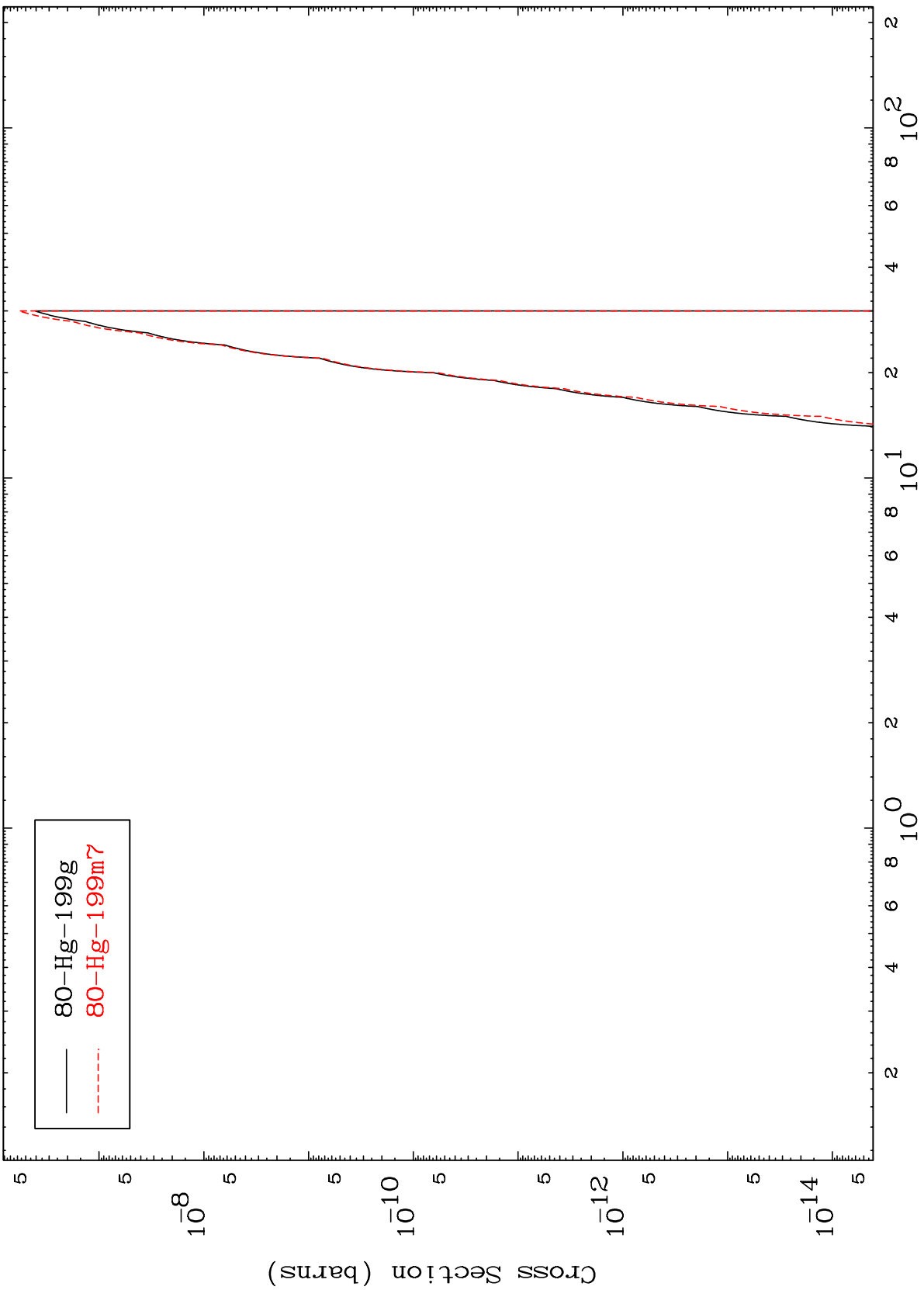
82-Pb-203

MAT 8222

(n,n') p α

82-Pb-203

Radionuclide Production Cross Section



23

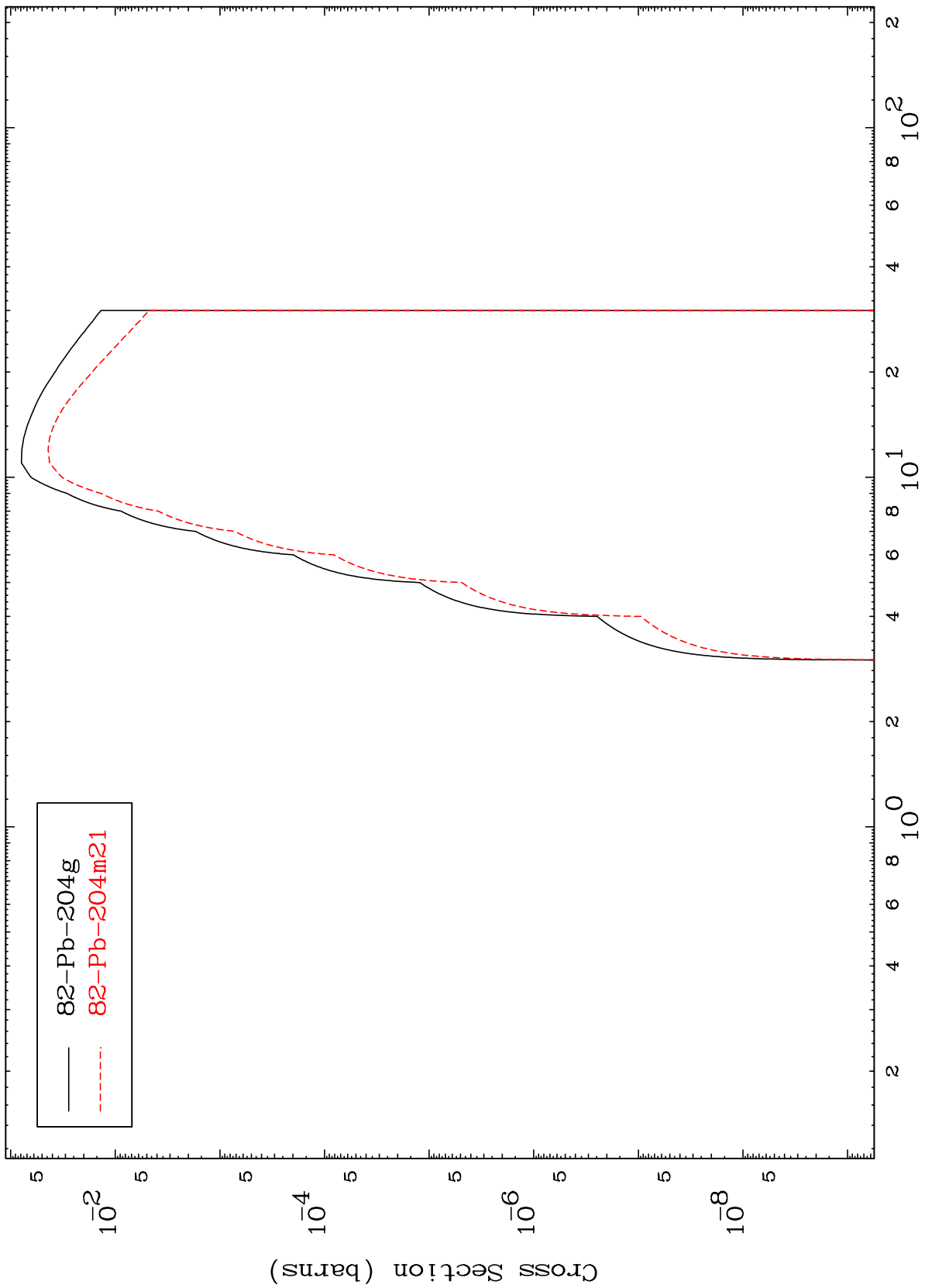
Incident Energy (MeV)

82-Pb-203

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82-Pb-203

(n,p)
Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

82-Pb-203

Incident Energy (MeV)

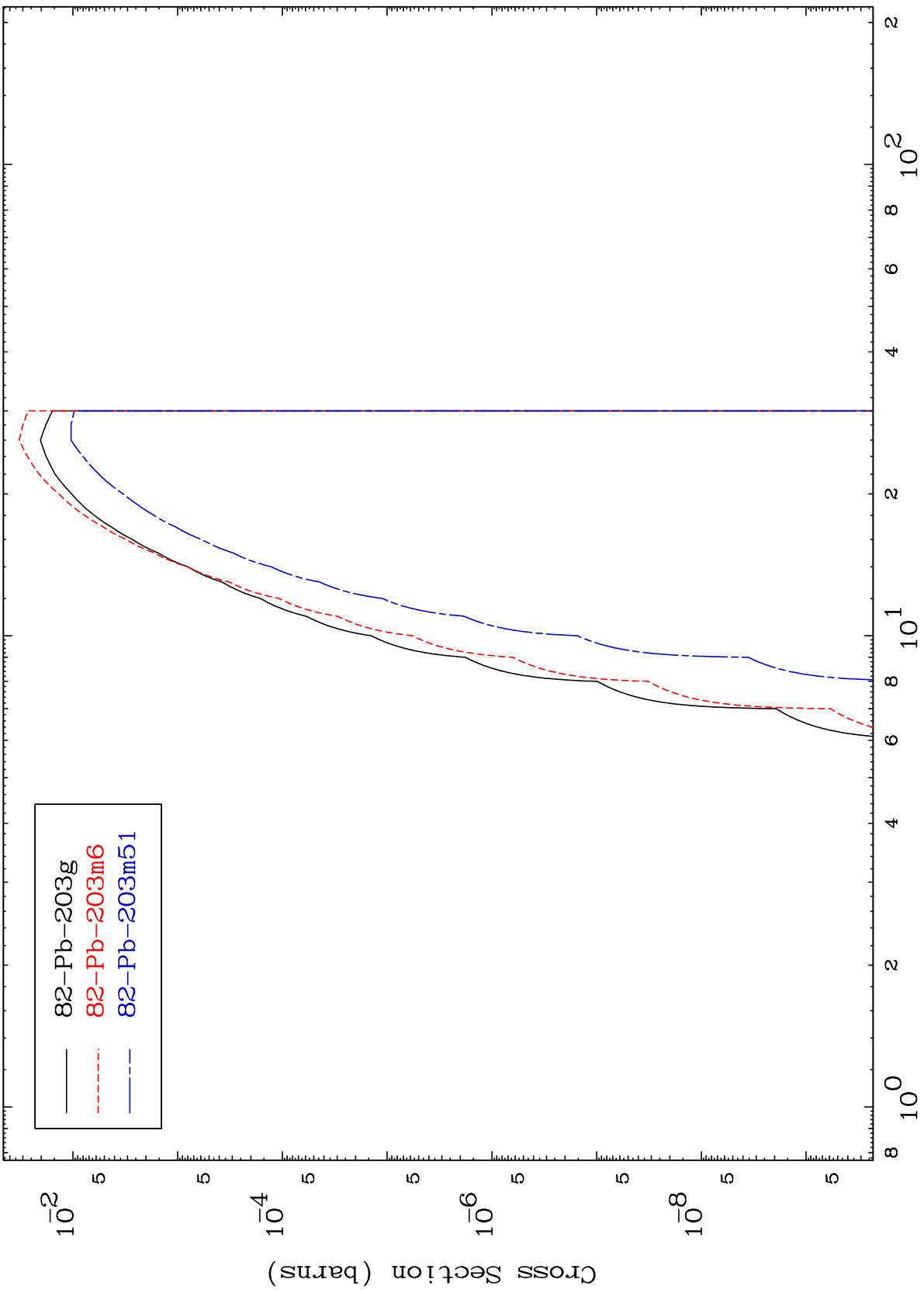
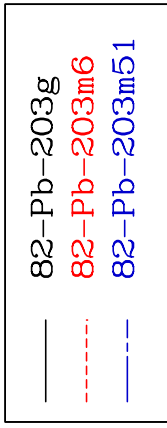
24

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(n,d)

82-Pb-203

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-203

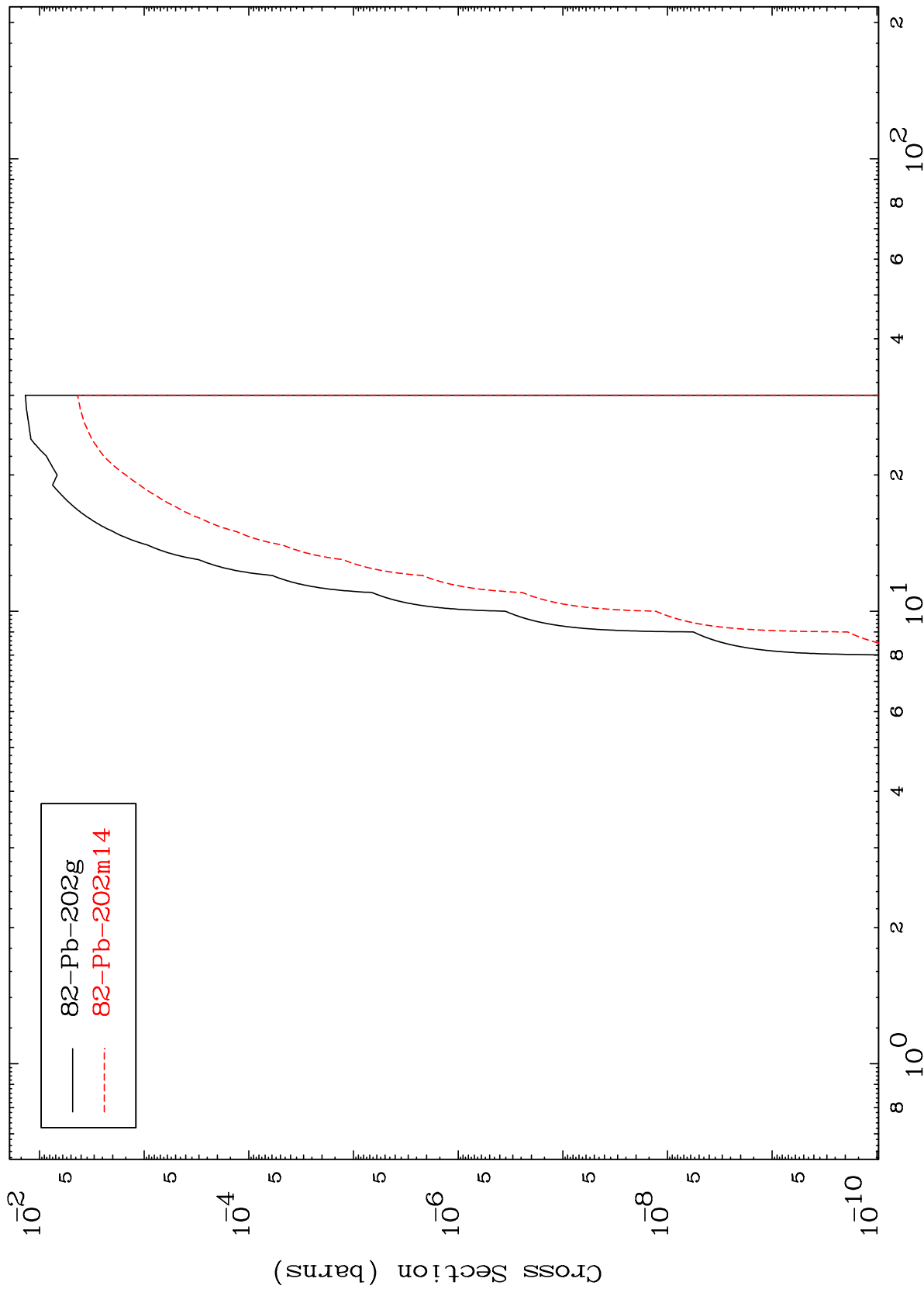
25

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(n, t)

82-Pb-203

Radionuclide Production Cross Section



26

Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,d) α

82-Pb-203

Radionuclide Production Cross Section

