

Program EVALPLOT
(Version 2018-1)

by

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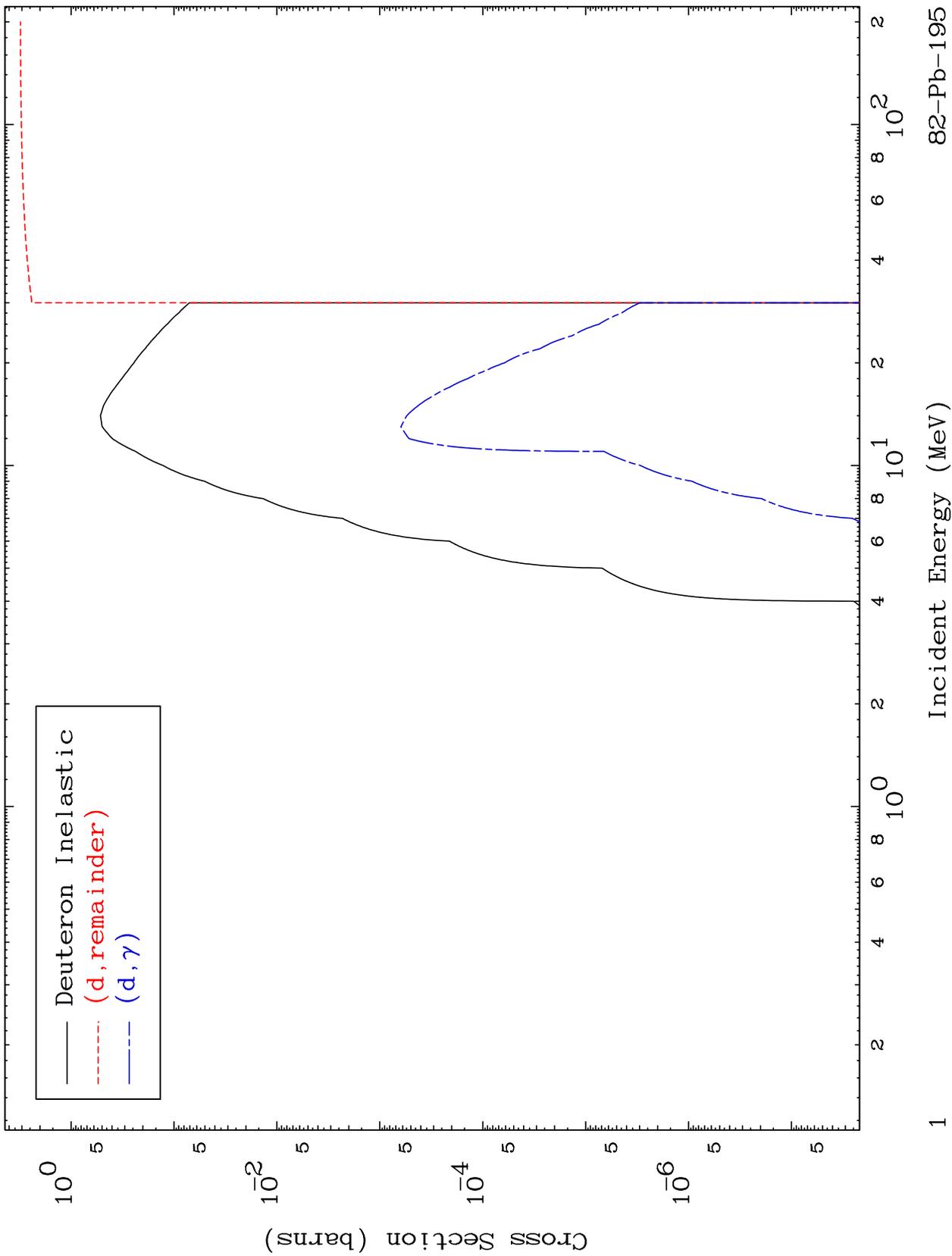
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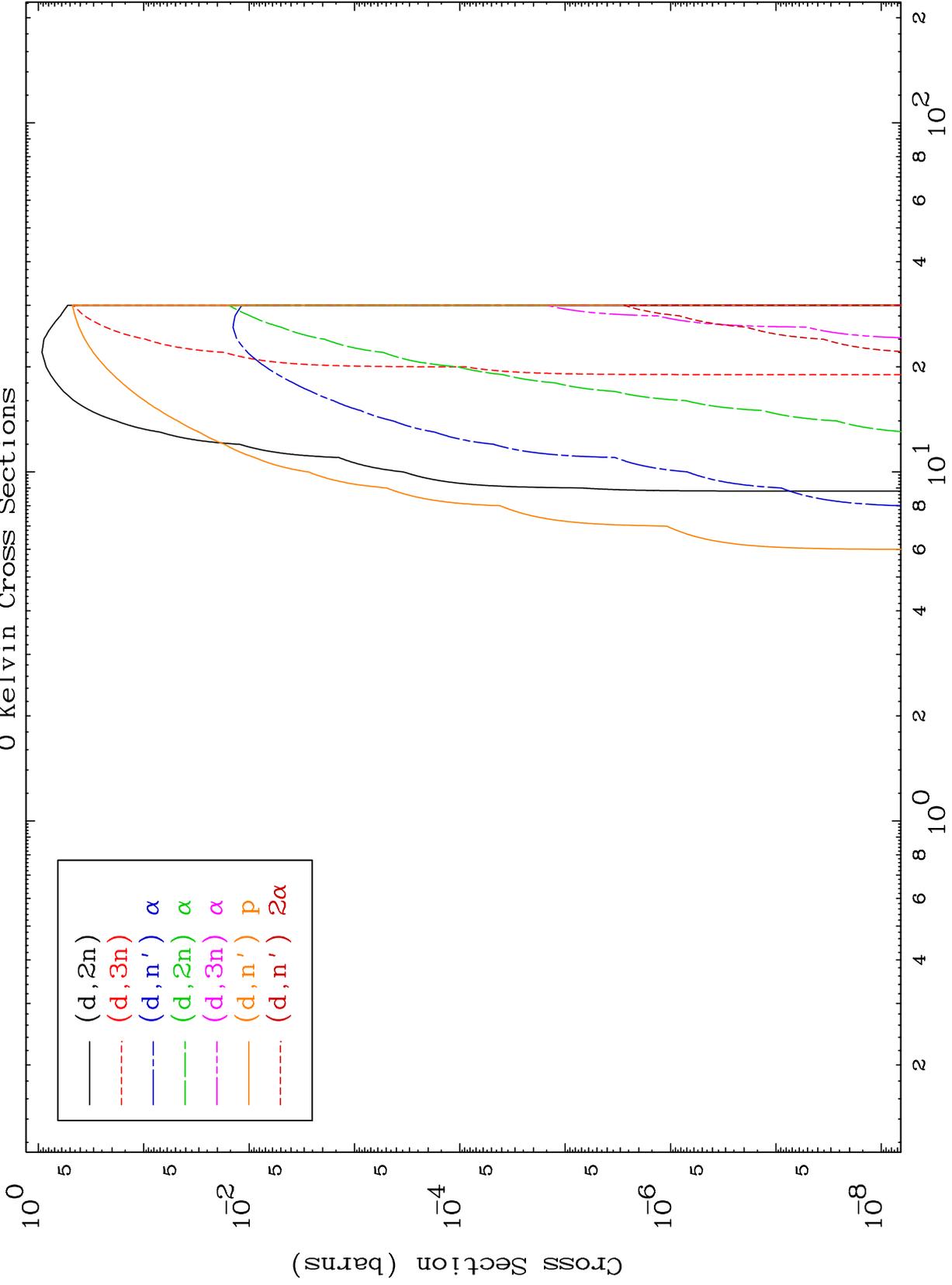
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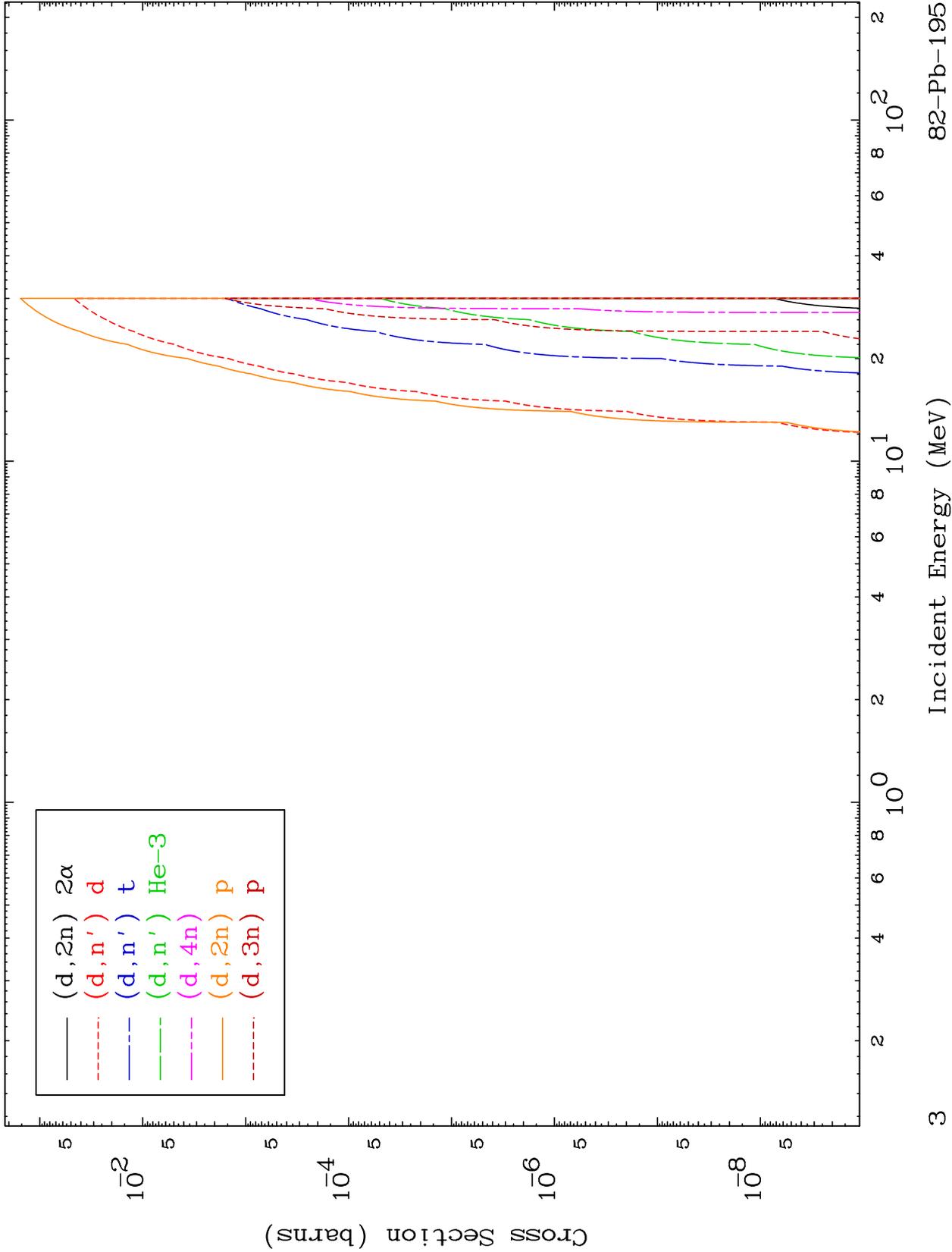
MAT 8198

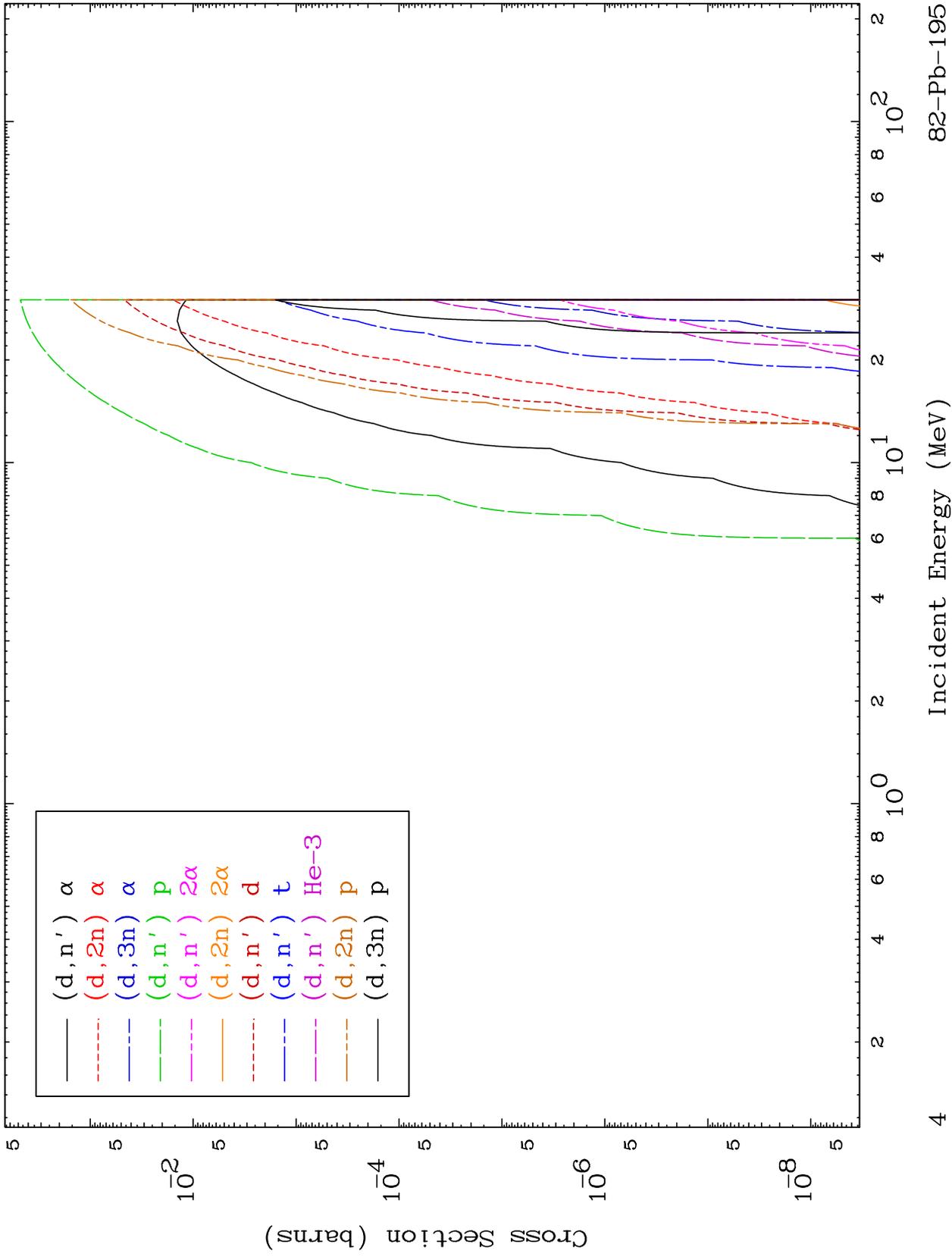
Deuteron Major
0 Kelvin Cross Sections

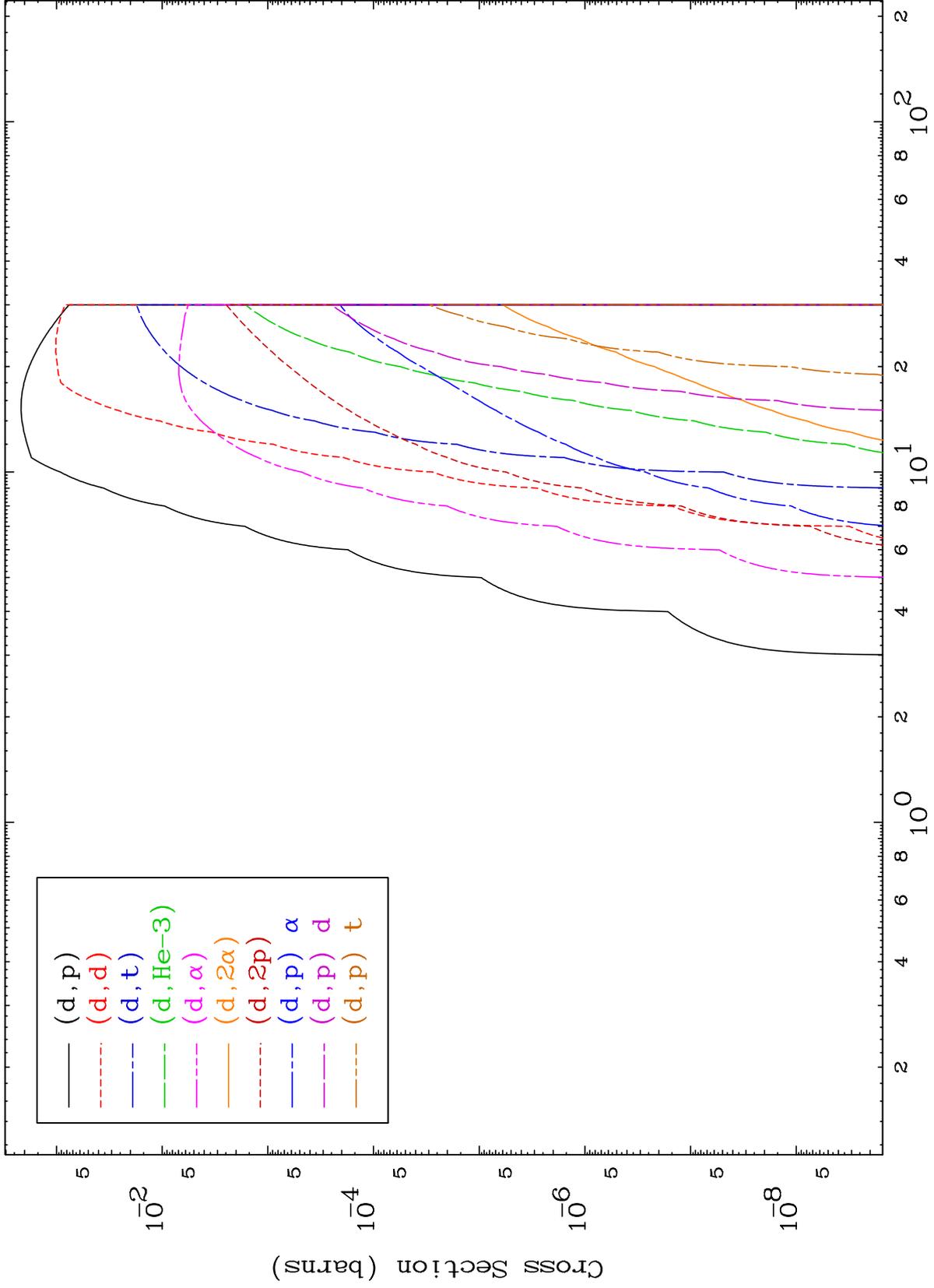
82-Pb-195









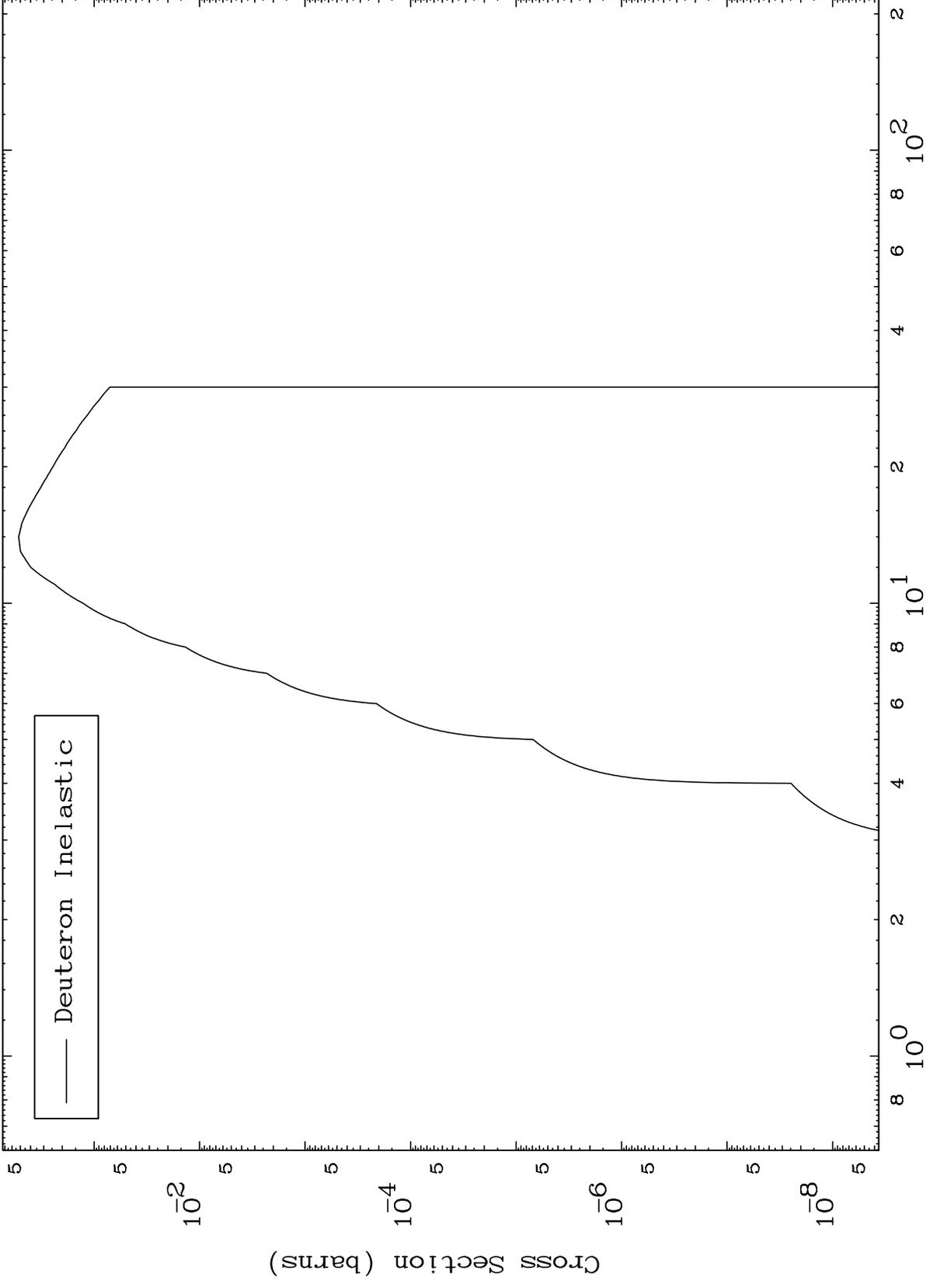


MAT 8198

(d,n') Level

82-Pb-195

0 Kelvin Cross Sections



6

Incident Energy (MeV)

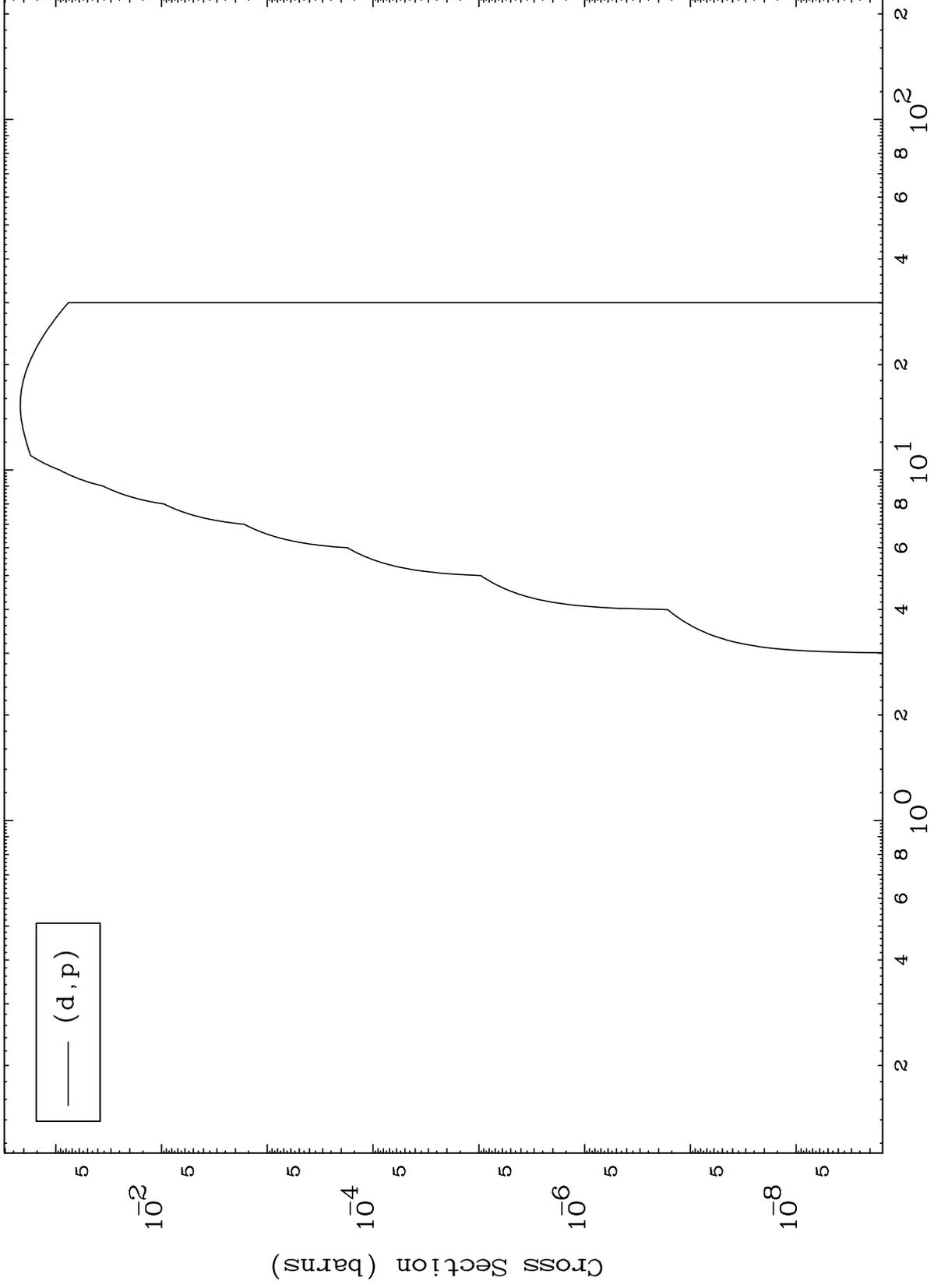
82-Pb-195

MAT 8198

(d,p) Levels

82-Pb-195

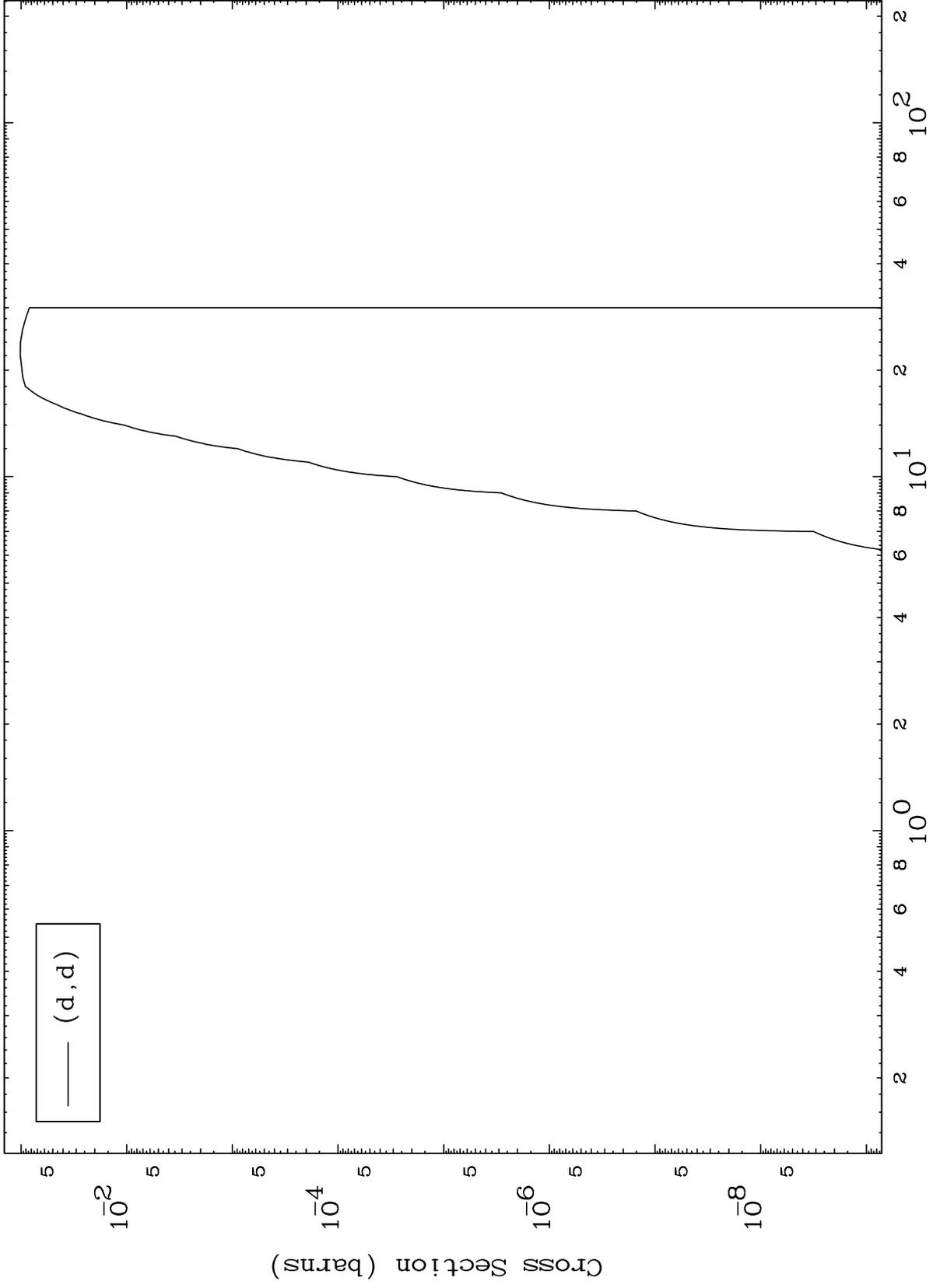
0 Kelvin Cross Sections



MAT 8198

(d,d) Levels
0 Kelvin Cross Sections

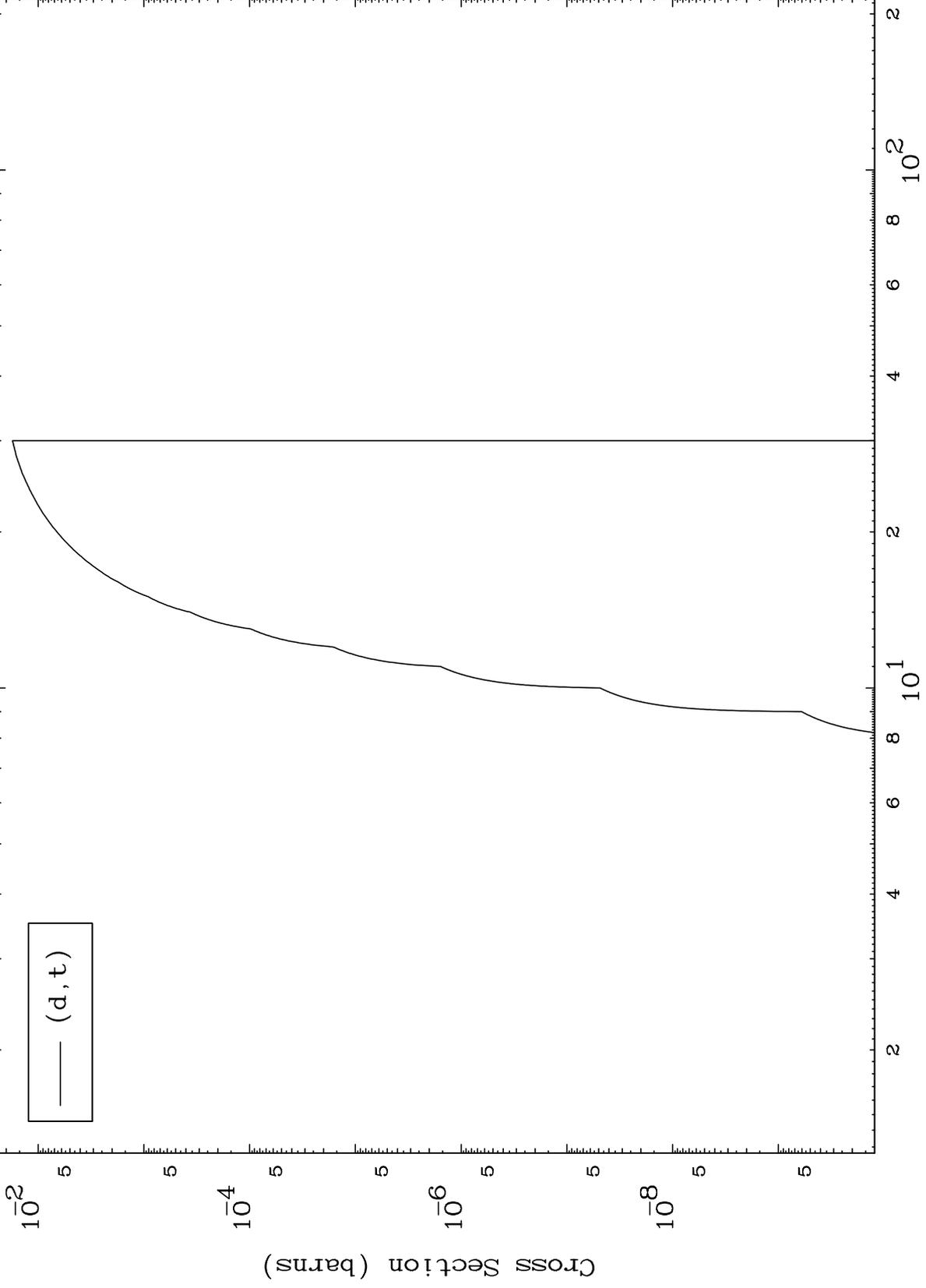
82-Pb-195



MAT 8198

82-Pb-195

(d,t) Levels
0 Kelvin Cross Sections

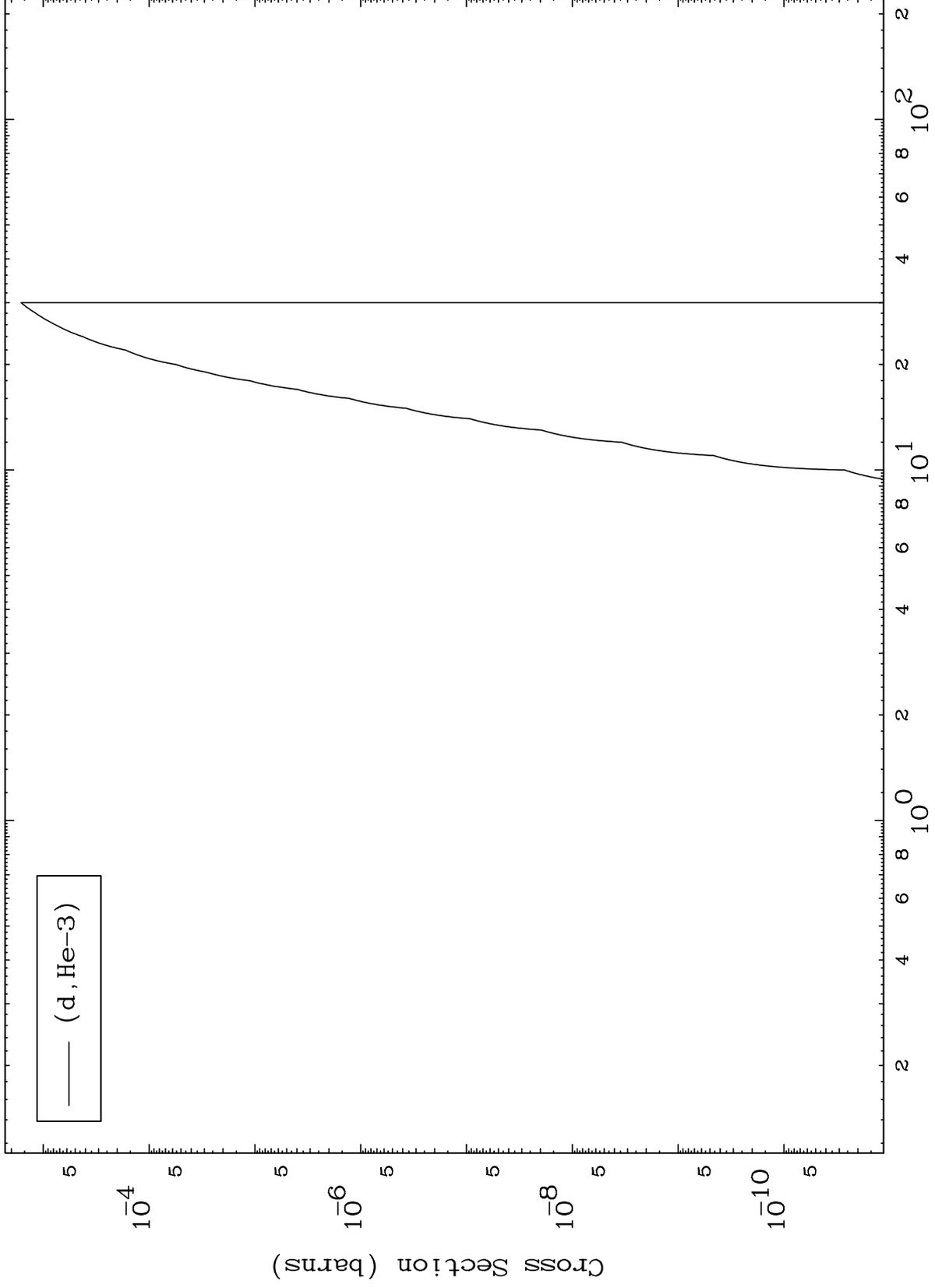


MAT 8198

(d,He3) Levels

82-Pb-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

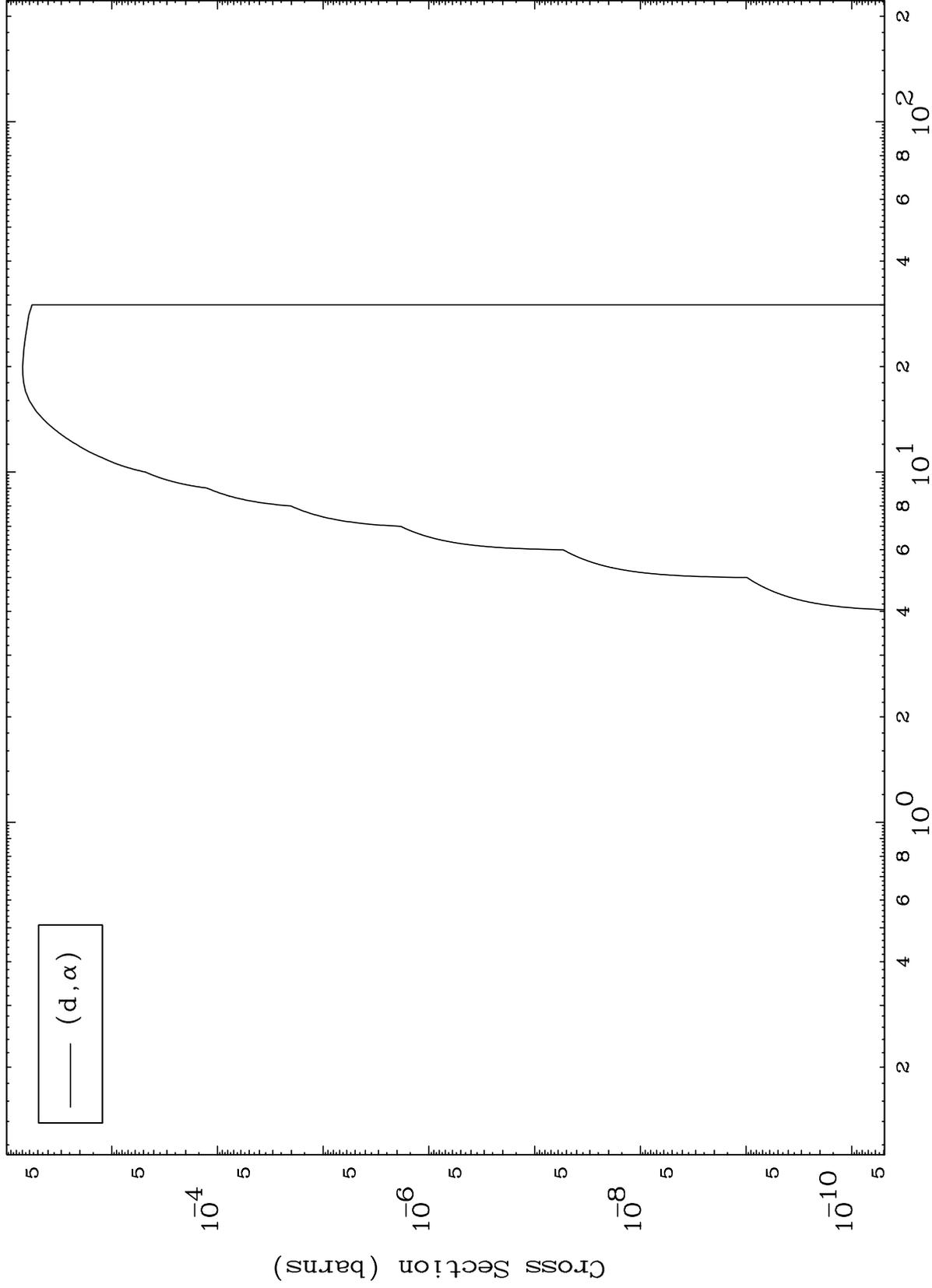
82-Pb-195

MAT 8198

(d, α) Levels

82-Pb-195

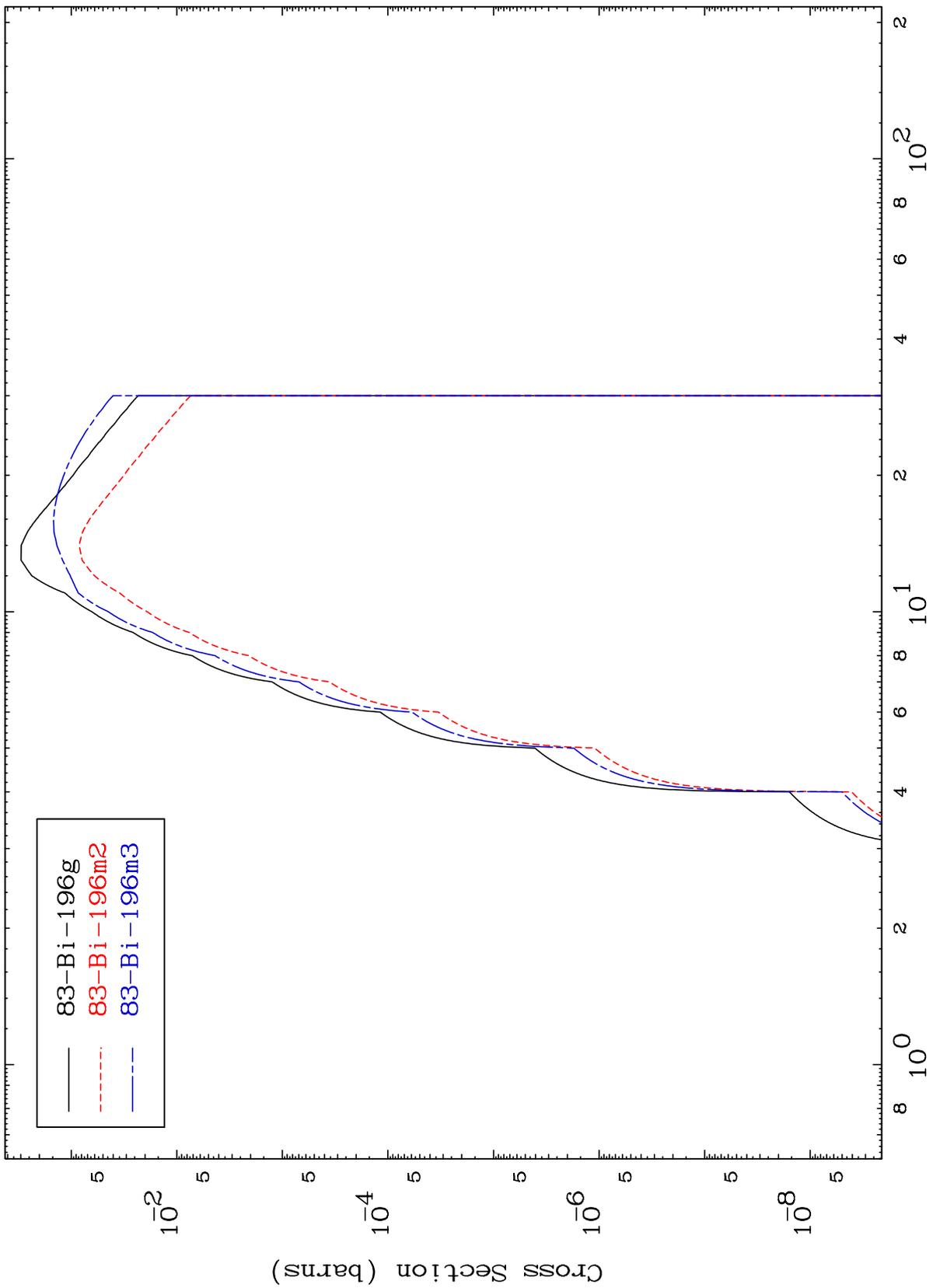
0 Kelvin Cross Sections



MAT 8198

Deuteron Inelastic
Radionuclide Production Cross Section

82-Pb-195



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

12

Incident Energy (MeV)

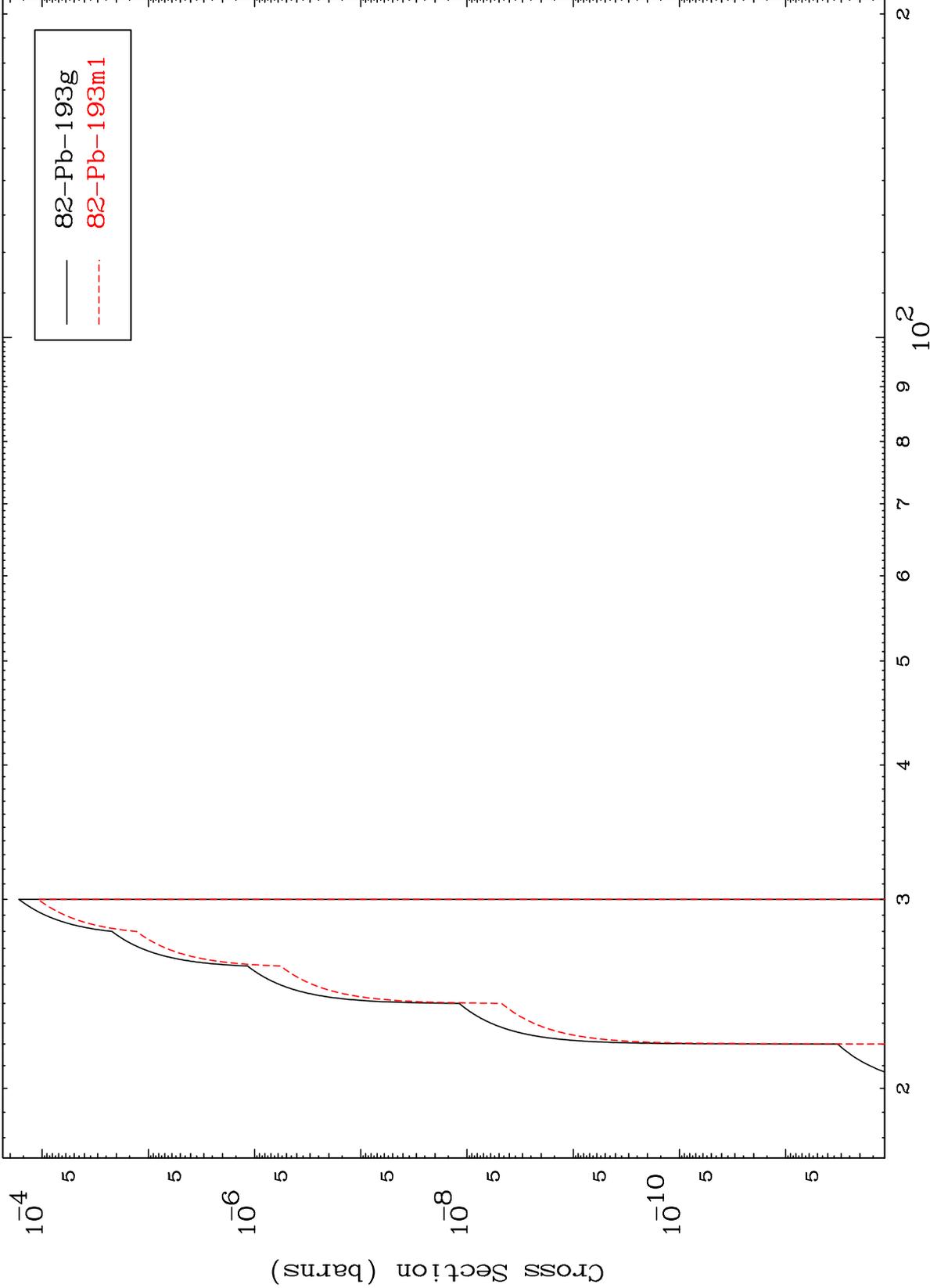
82-Pb-195

MAT 8198

(d,2n) d

82-Pb-195

Radionuclide Production Cross Section



13

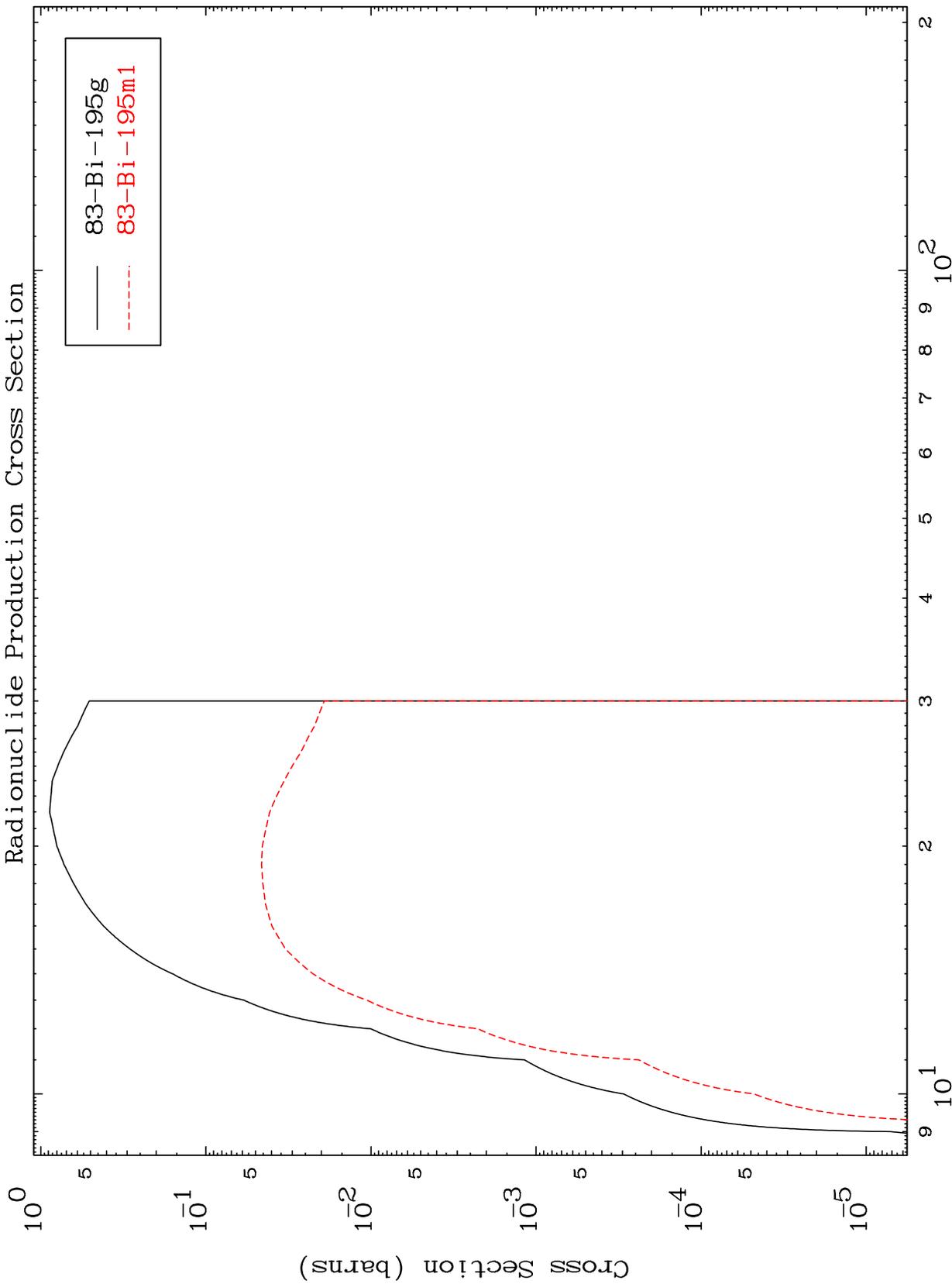
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(d,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

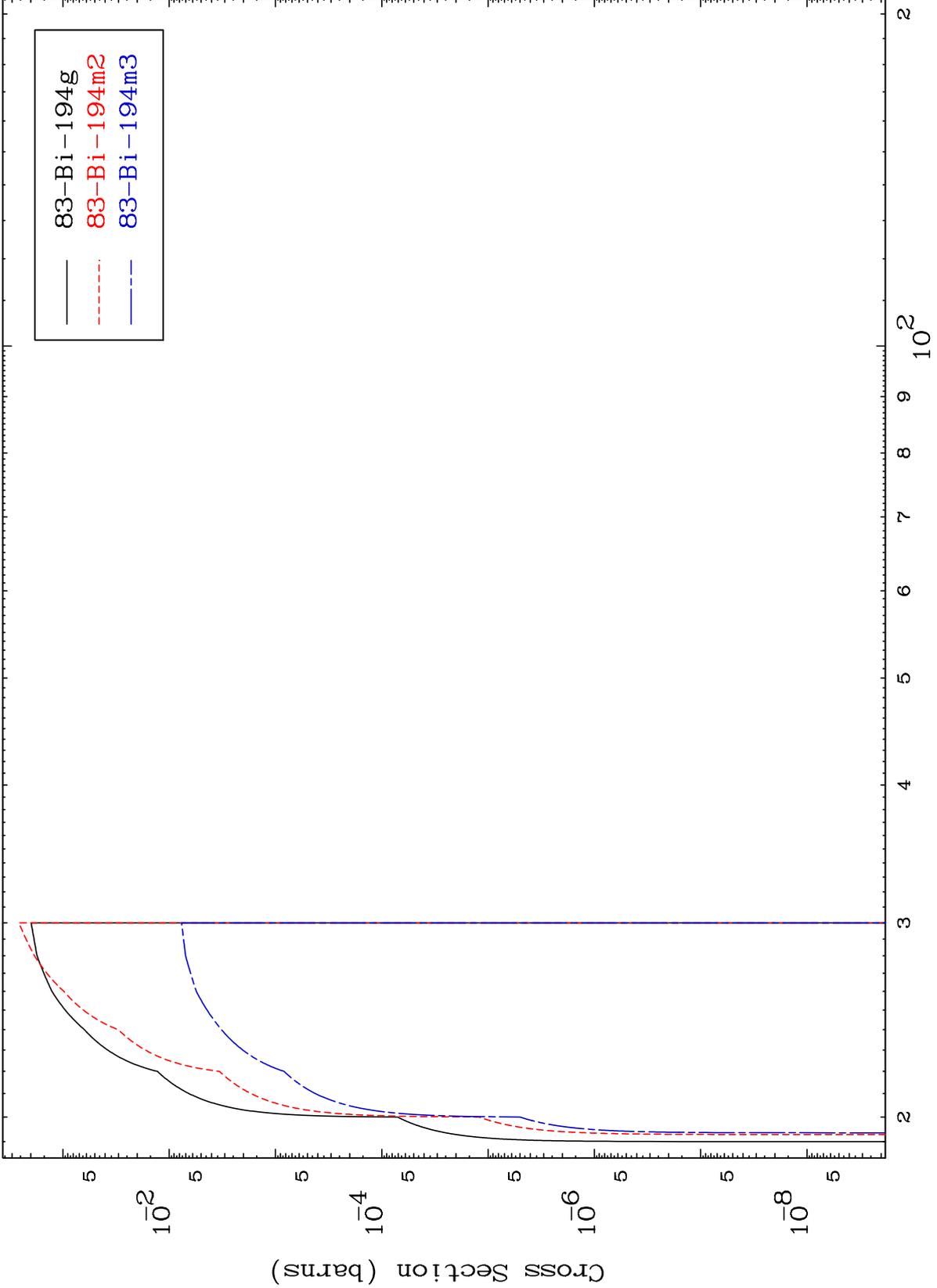
82-Pb-195

MAT 8198

(d,3n)

82-Pb-195

Radionuclide Production Cross Section



83-Bi-194g
83-Bi-194m2
83-Bi-194m3

15

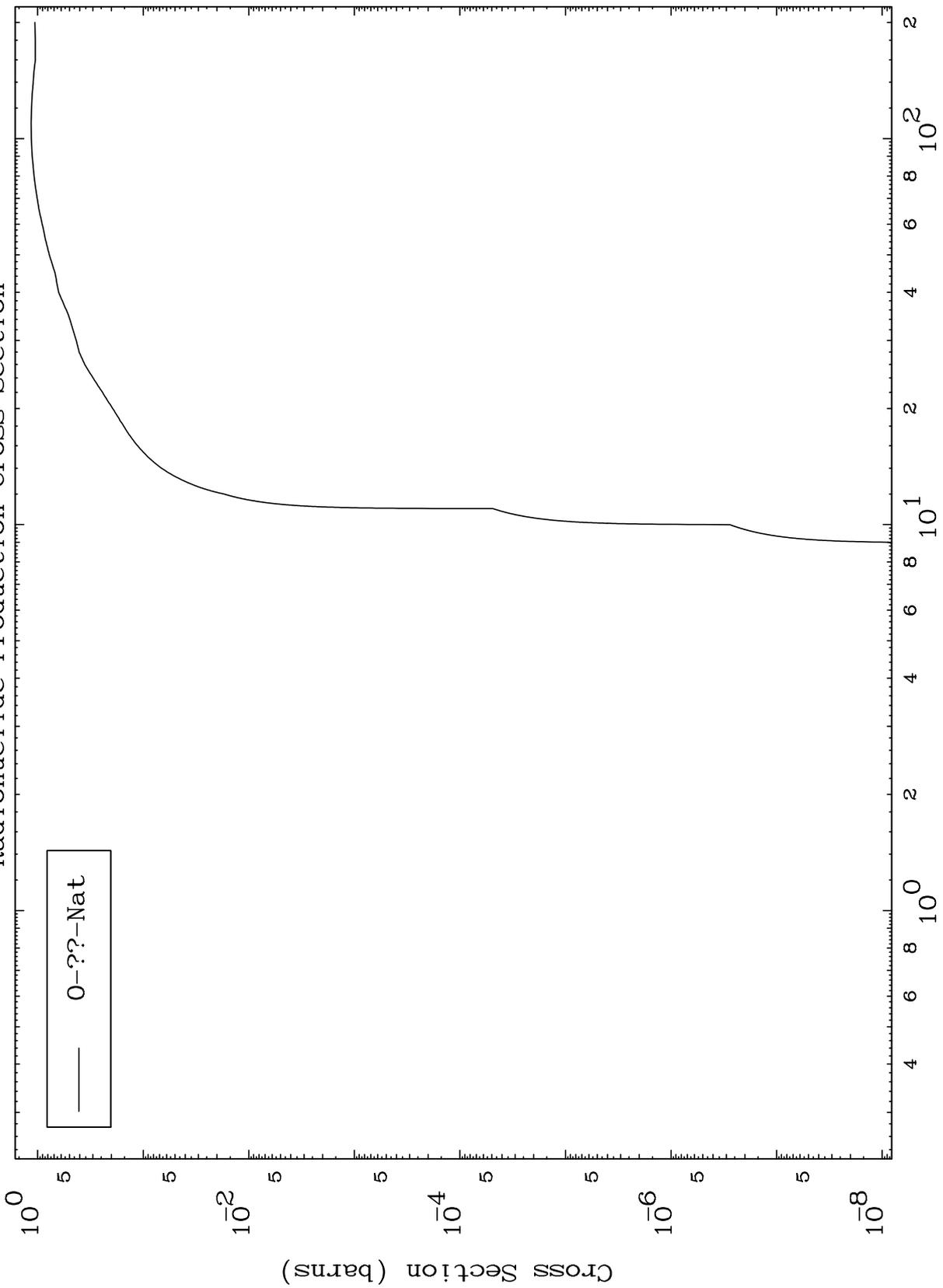
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

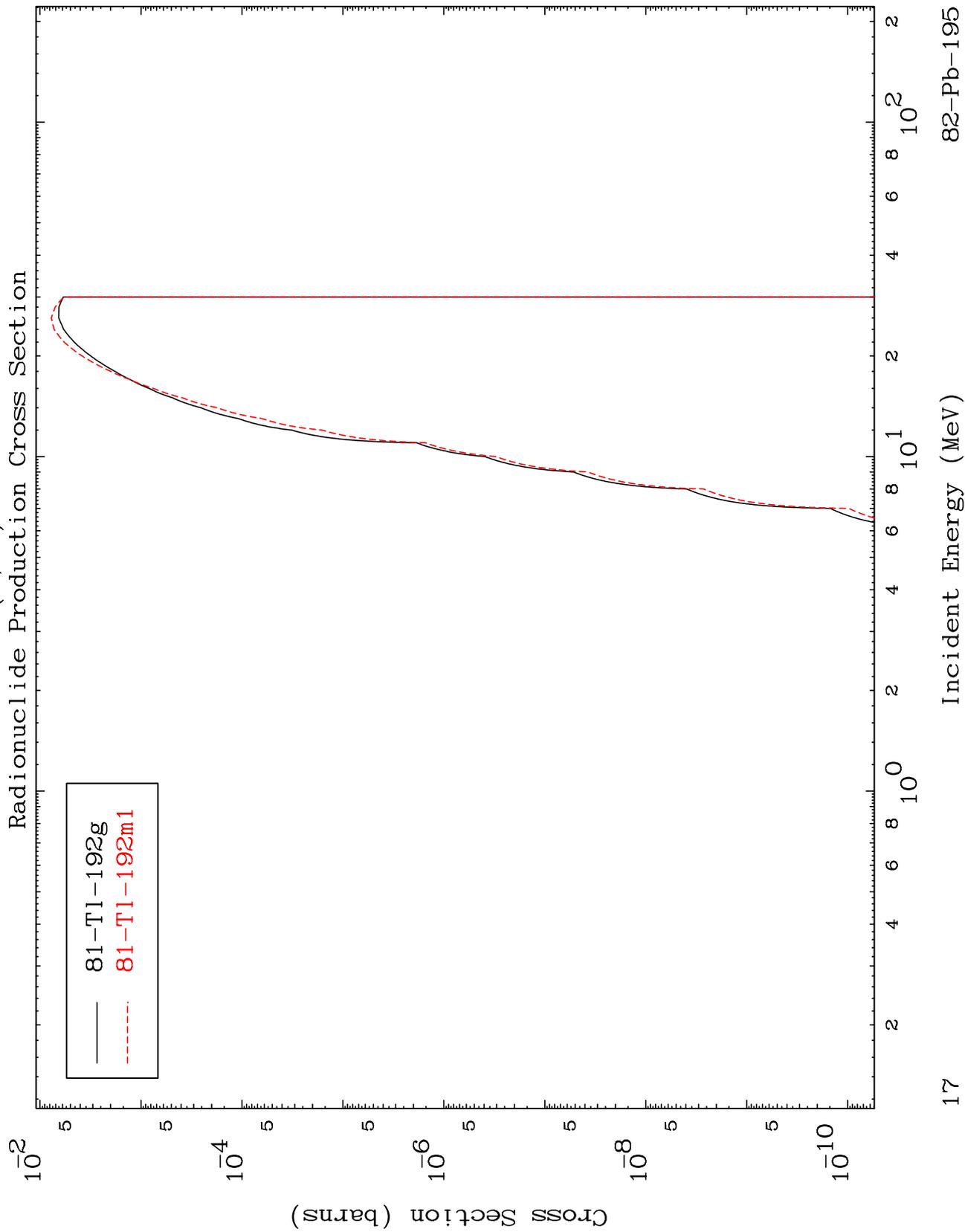
Deuteron Fission
Radionuclide Production Cross Section



MAT 8198

(d,n') α

82-Pb-195

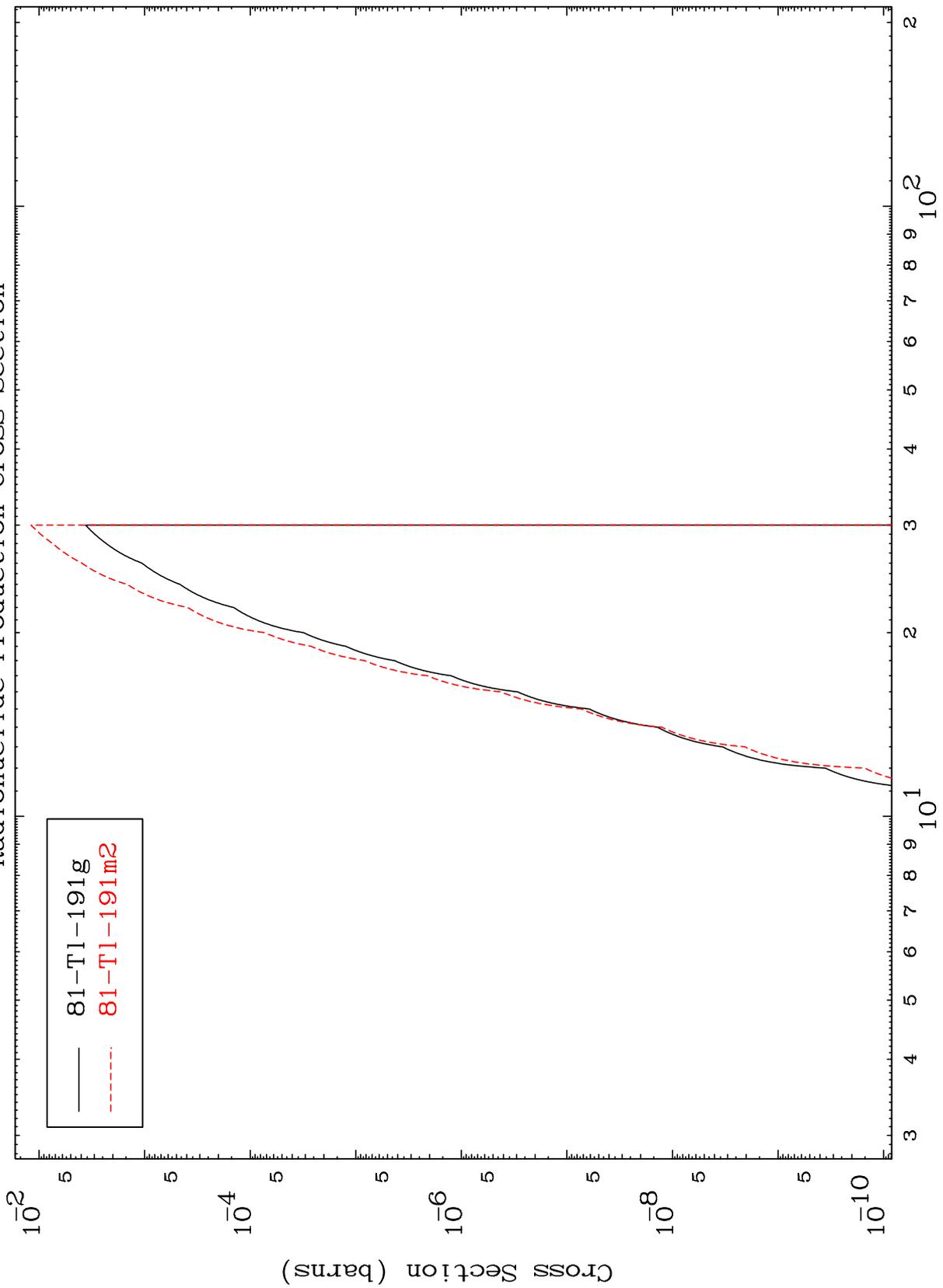


MAT 8198

(d,2n) α

82-Pb-195

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

18

Incident Energy (MeV)

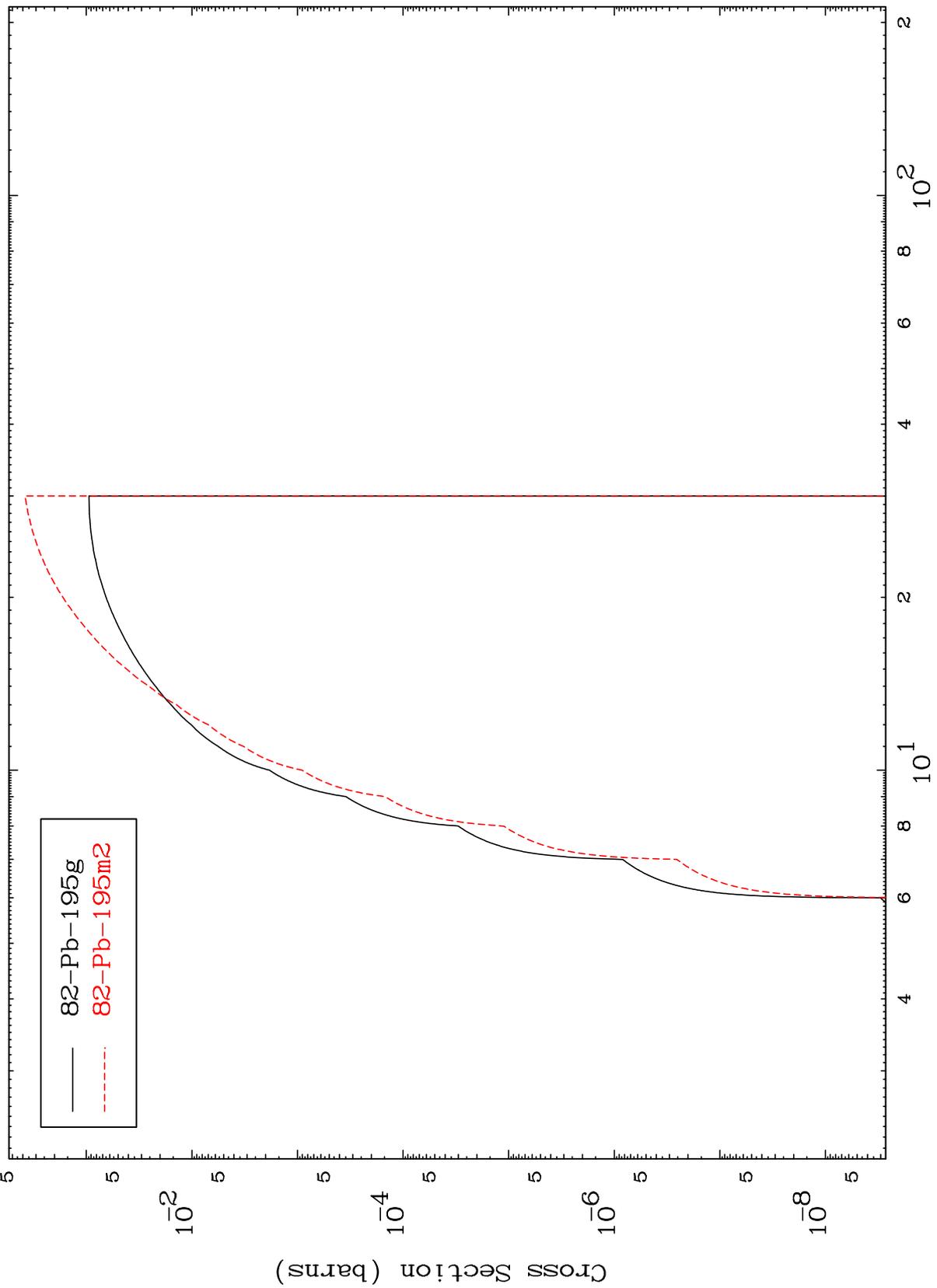
82-Pb-195

MAT 8198

(d,n') p

82-Pb-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

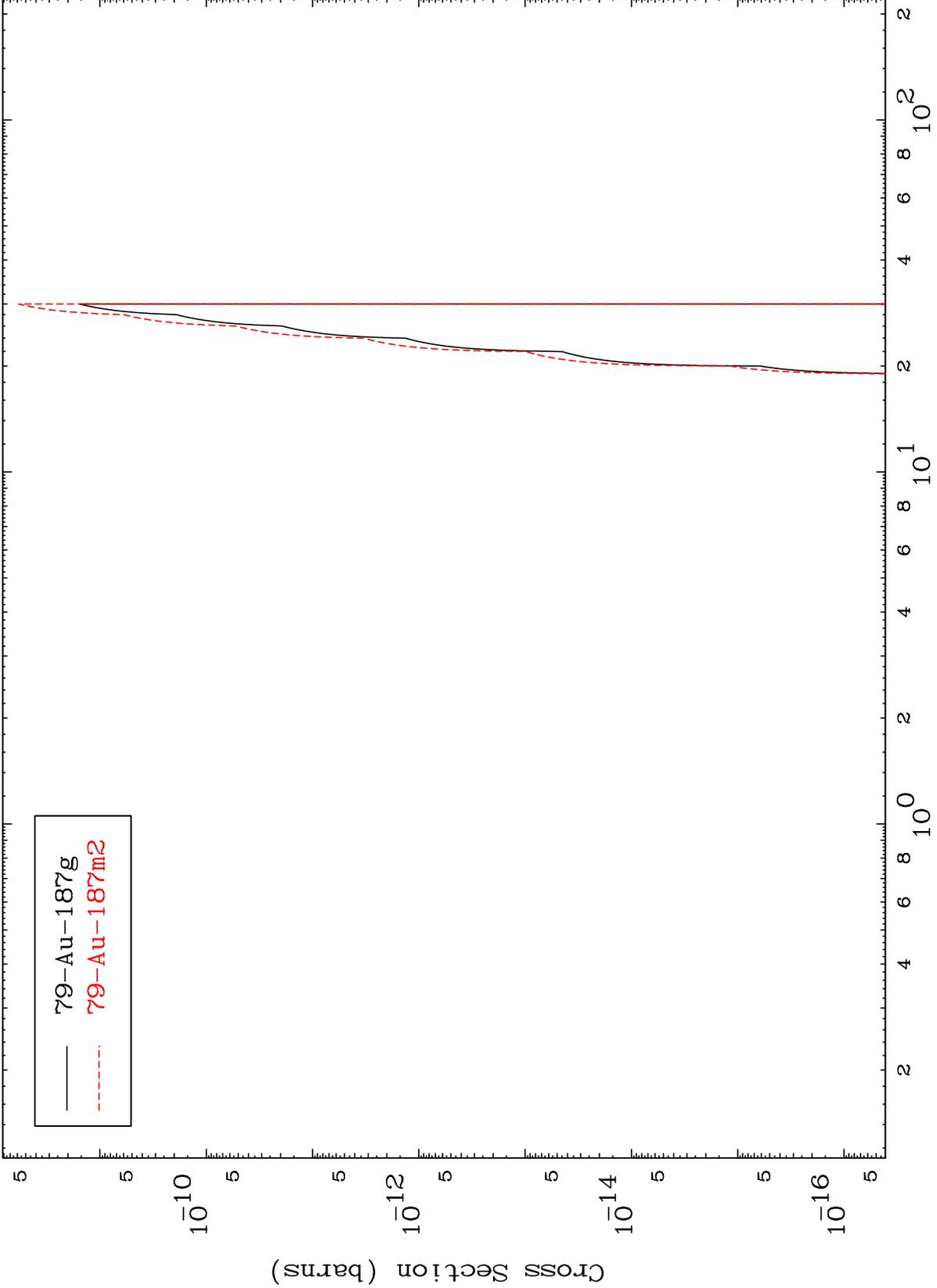
82-Pb-195

MAT 8198

$(d,2n) 2\alpha$

82-Pb-195

Radionuclide Production Cross Section



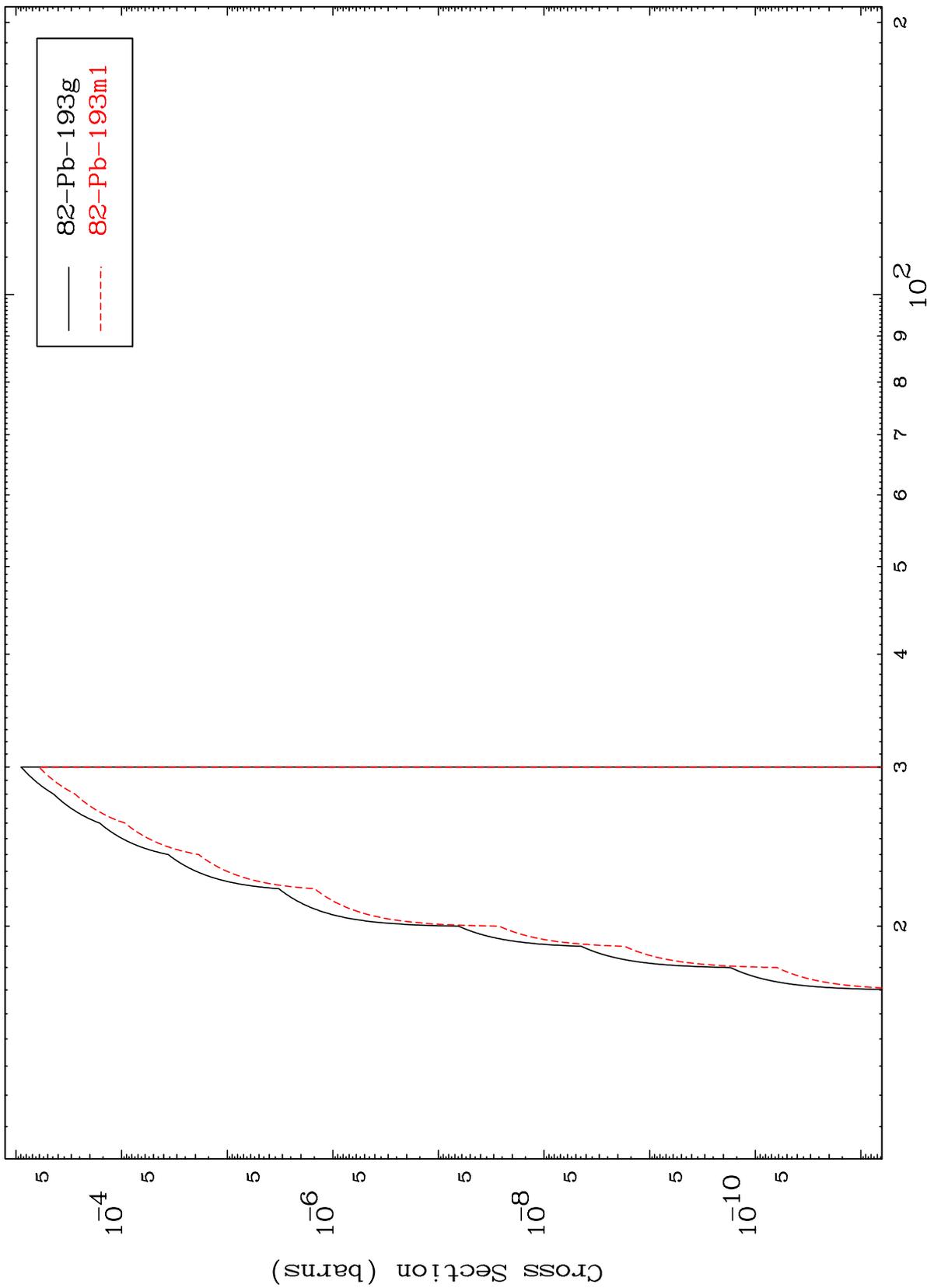
79-Au-187g
79-Au-187m2

20

Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section

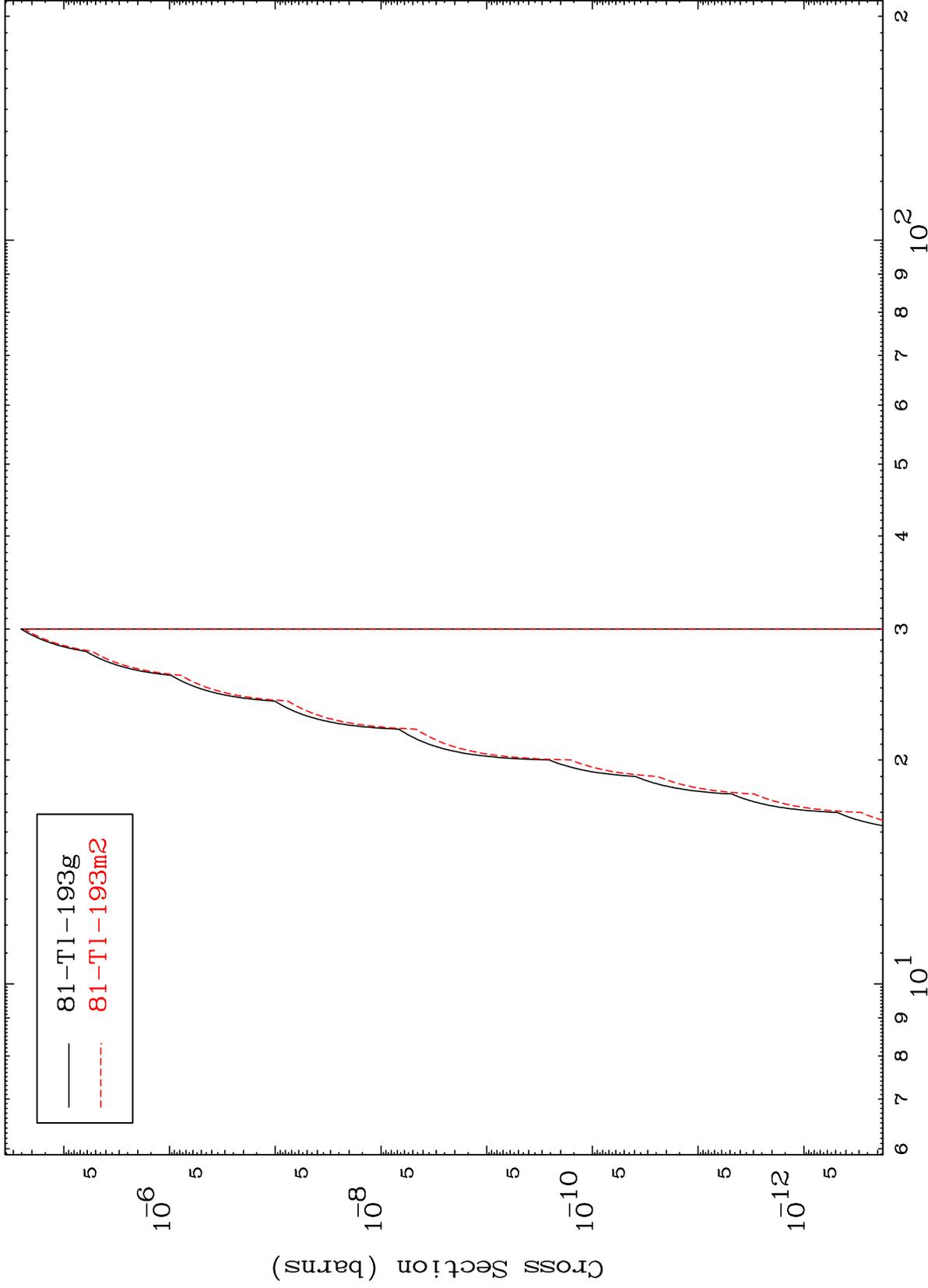


MAT 8198

(d,n') He-3

82-Pb-195

Radionuclide Production Cross Section



22

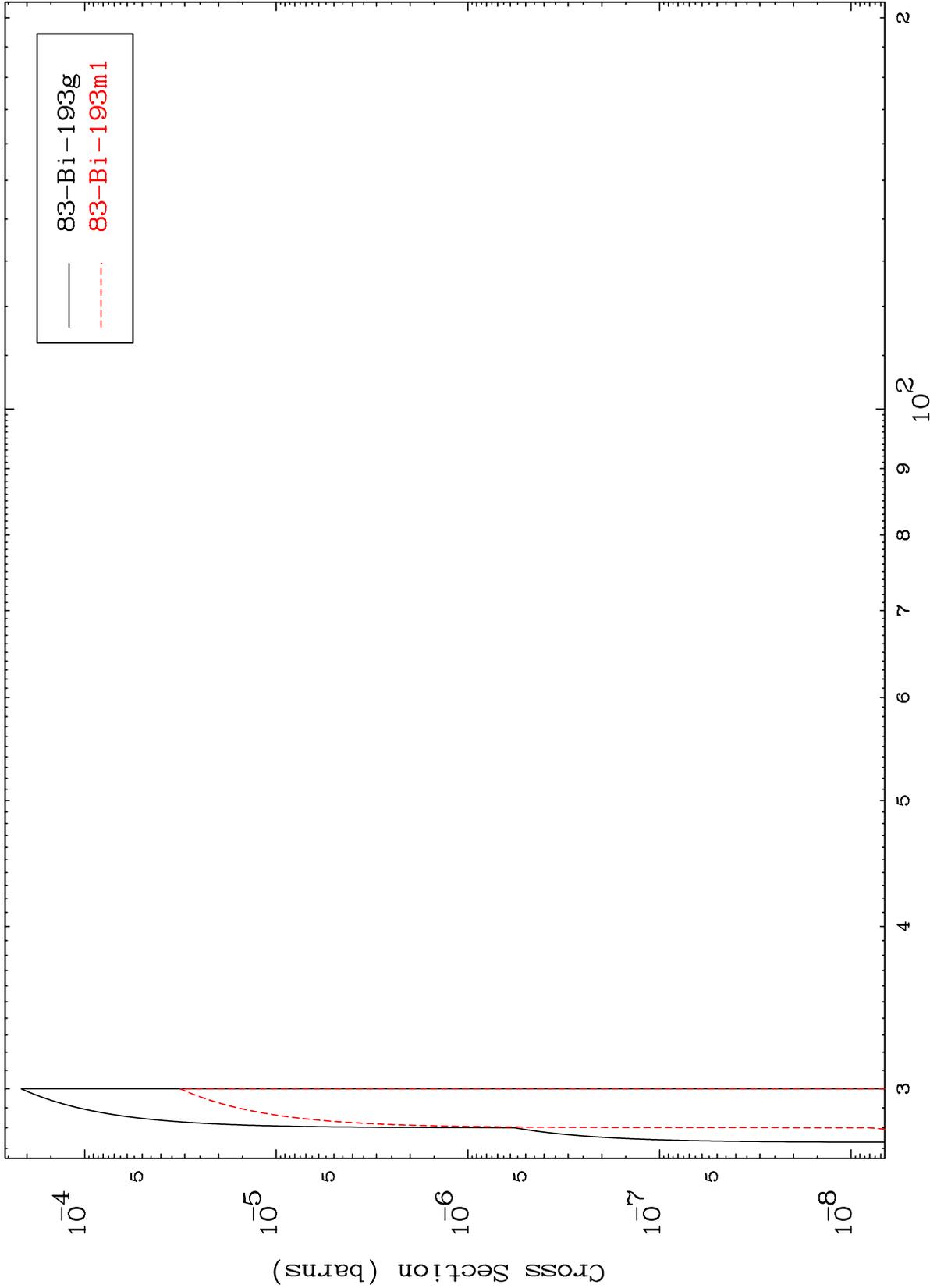
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(d,4n)
Radionuclide Production Cross Section



— $^{83}\text{Bi}-193\text{g}$
- - - $^{83}\text{Bi}-193\text{m1}$

23

82-Pb-195

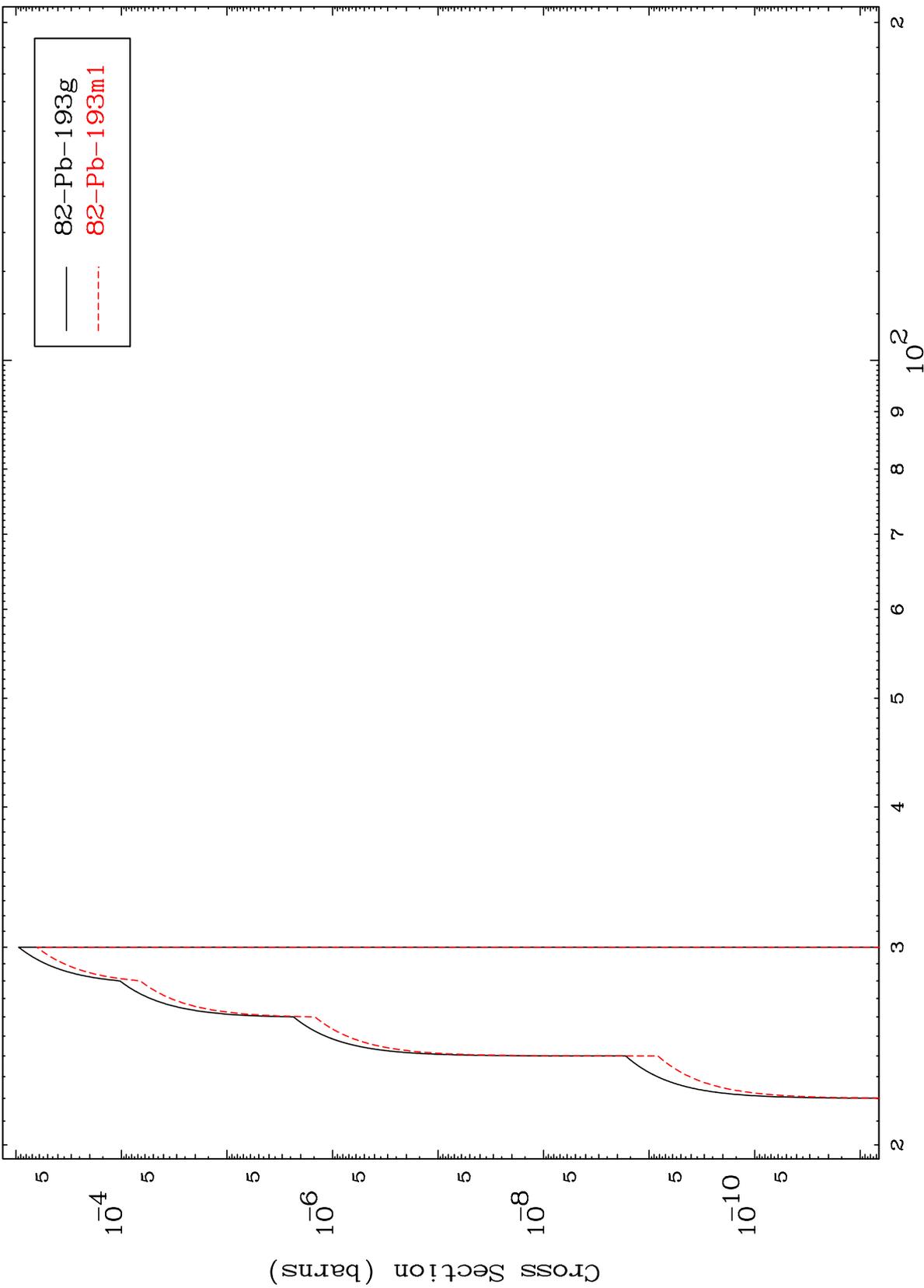
Incident Energy (MeV)

MAT 8198

(d,3n) p

82-Pb-195

Radionuclide Production Cross Section



24

Incident Energy (MeV)

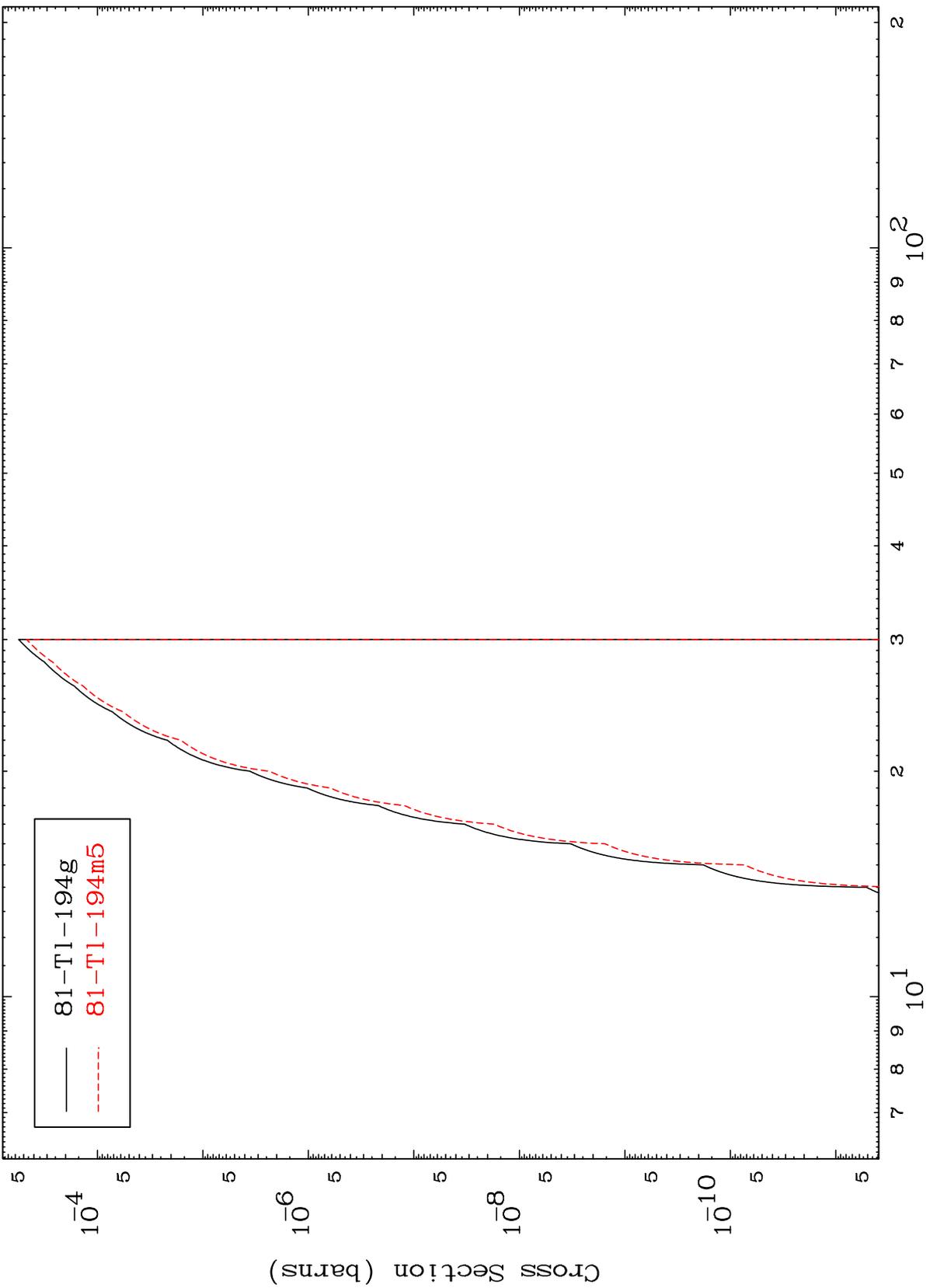
82-Pb-195

MAT 8198

(d,2n) p

82-Pb-195

Radionuclide Production Cross Section



25

Incident Energy (MeV)

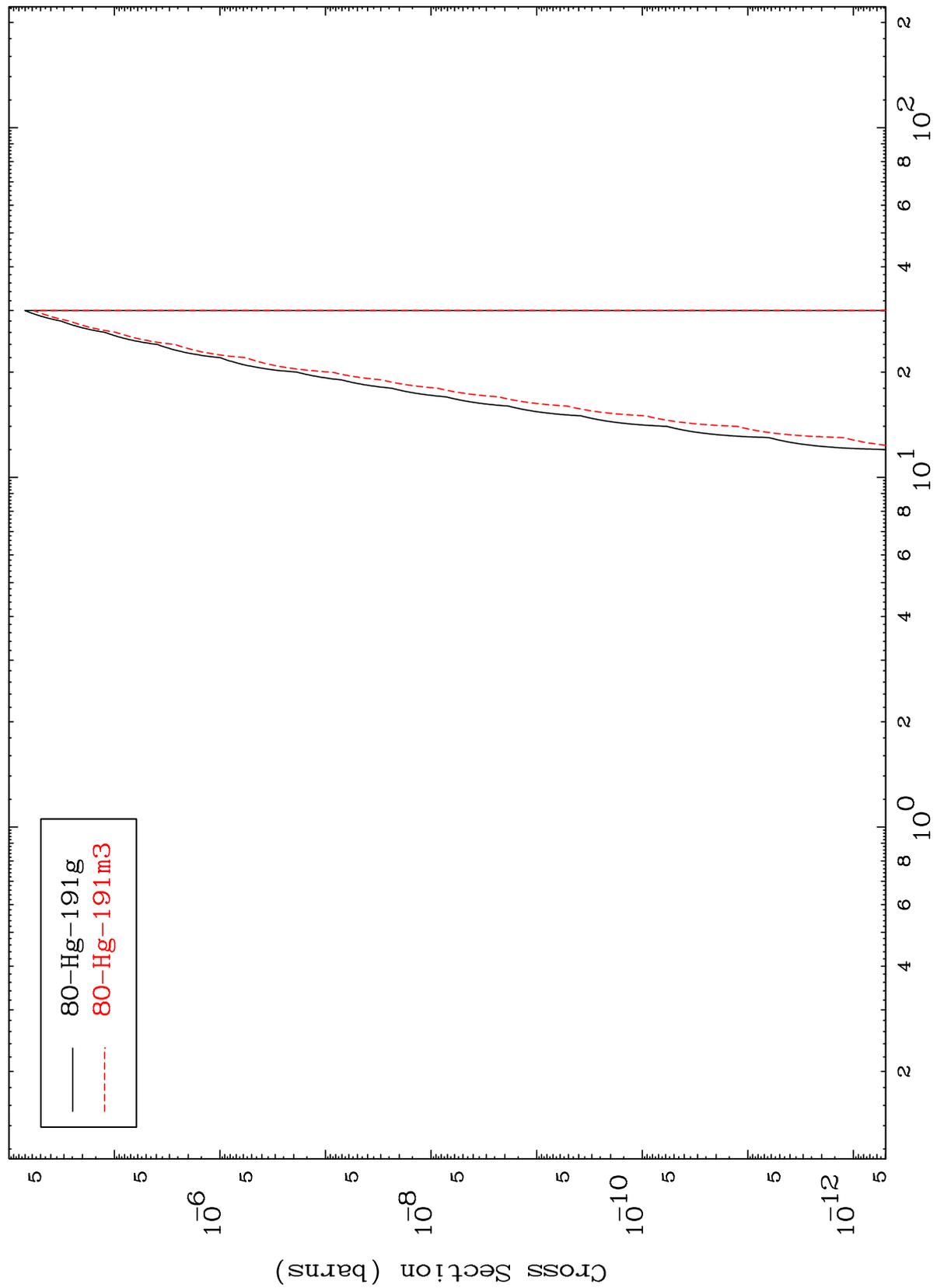
82-Pb-195

MAT 8198

(d,n') p α

82-Pb-195

Radionuclide Production Cross Section

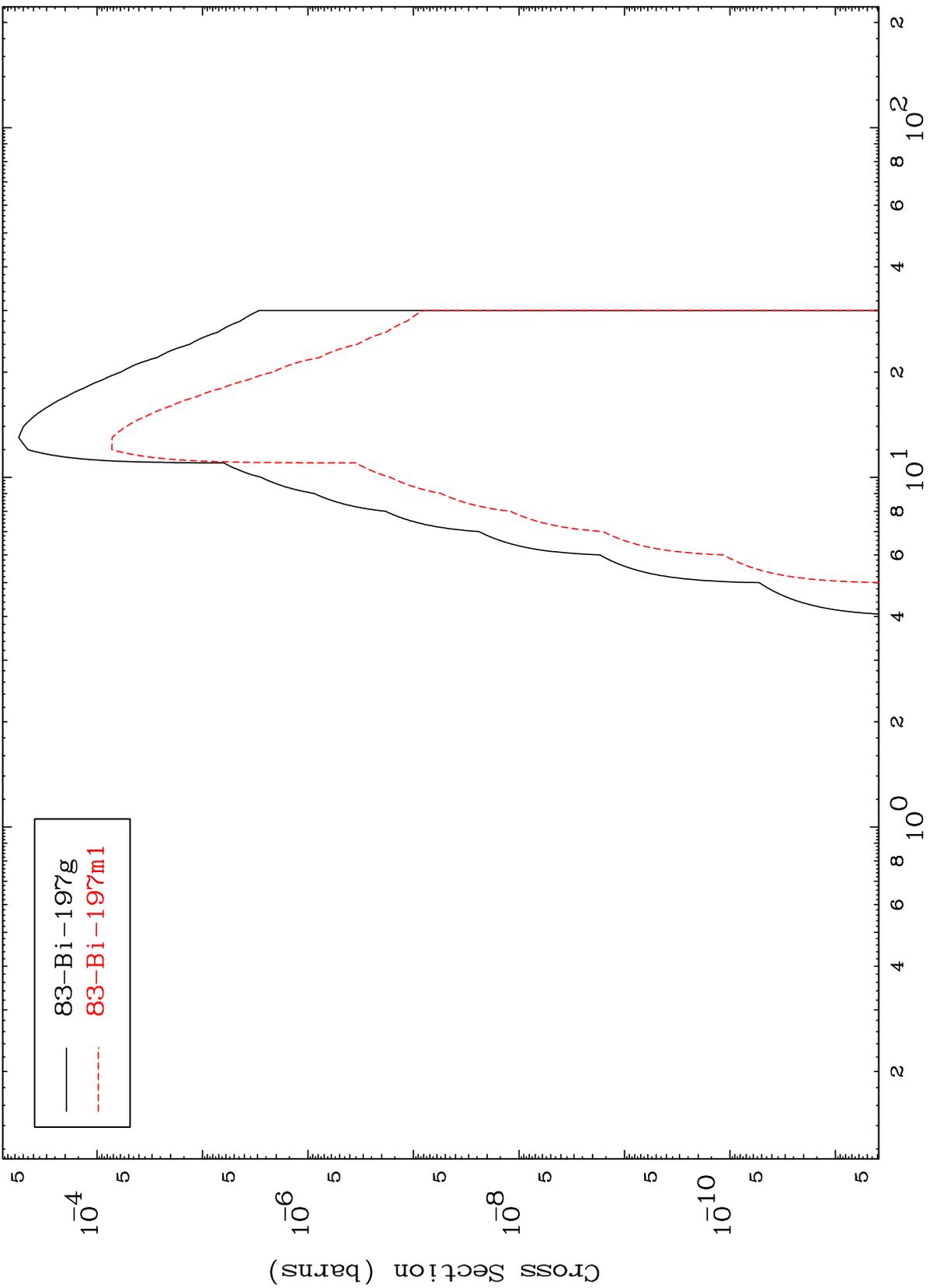


— 80-Hg-191 g
- - - 80-Hg-191 m3

MAT 8198

82-Pb-195

(d, γ)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

82-Pb-195

Incident Energy (MeV)

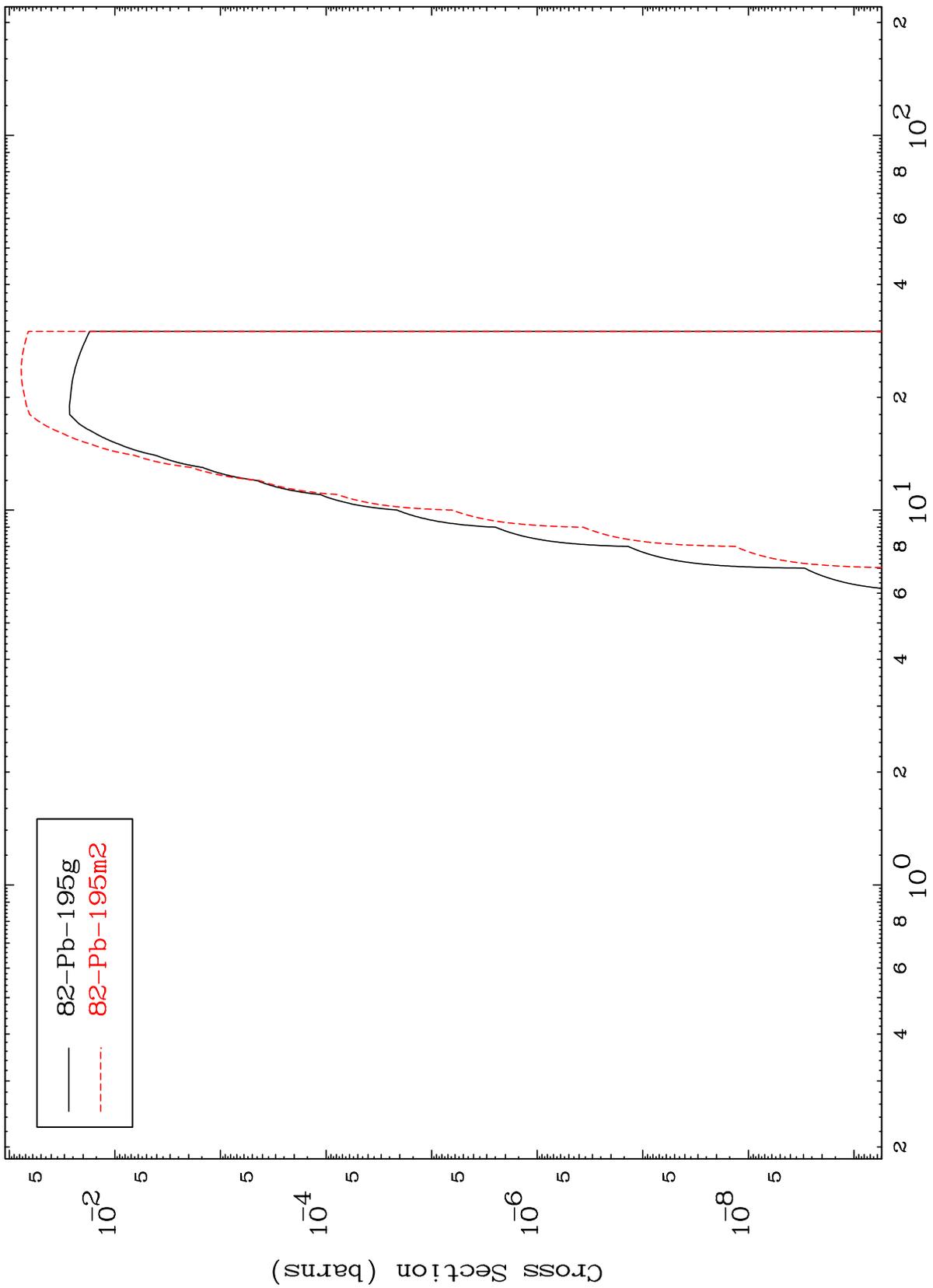
27

MAT 8198

(d,d)

82-Pb-195

Radionuclide Production Cross Section



28

Incident Energy (MeV)

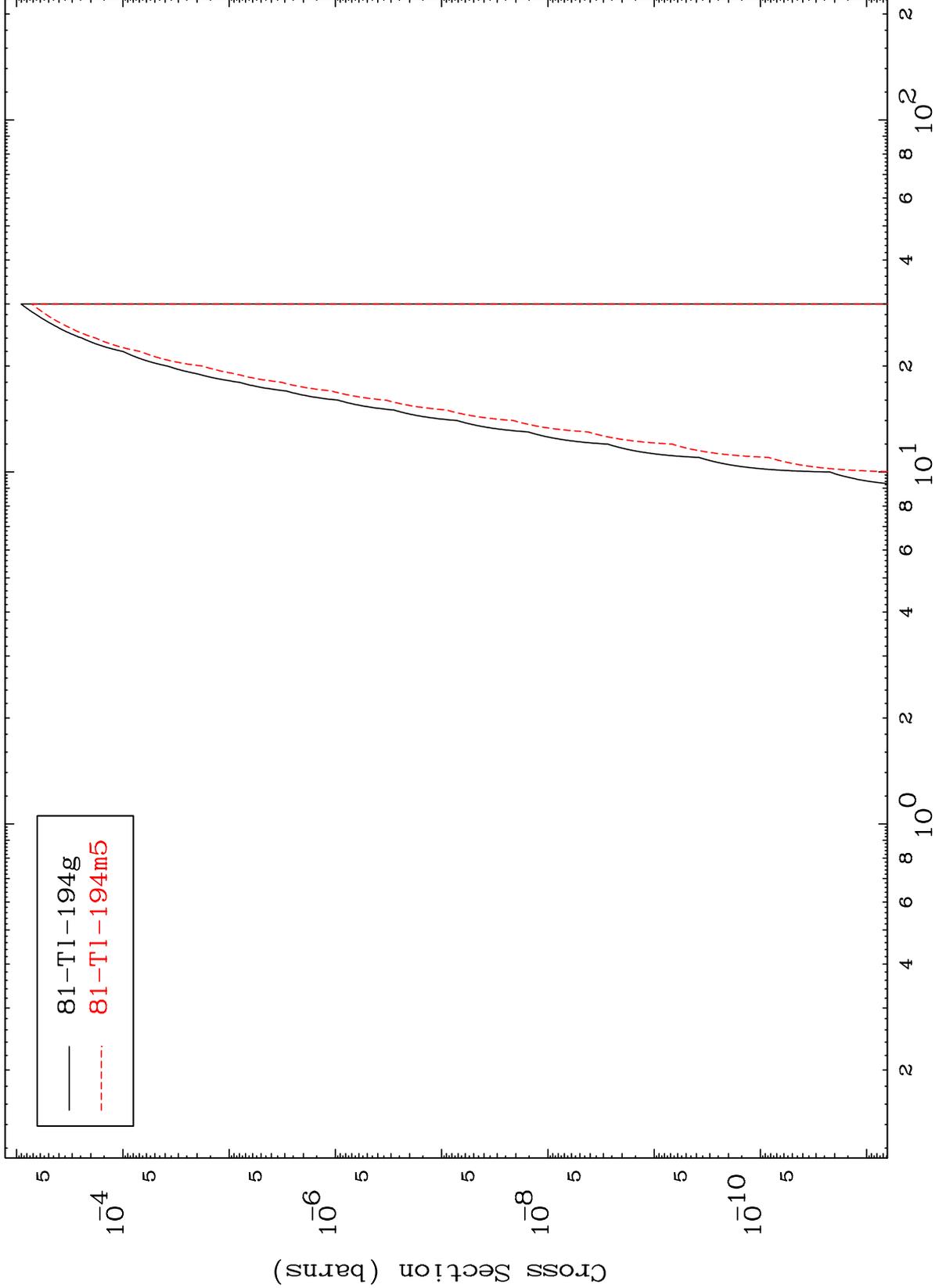
82-Pb-195

MAT 8198

(d,He-3)

82-Pb-195

Radionuclide Production Cross Section

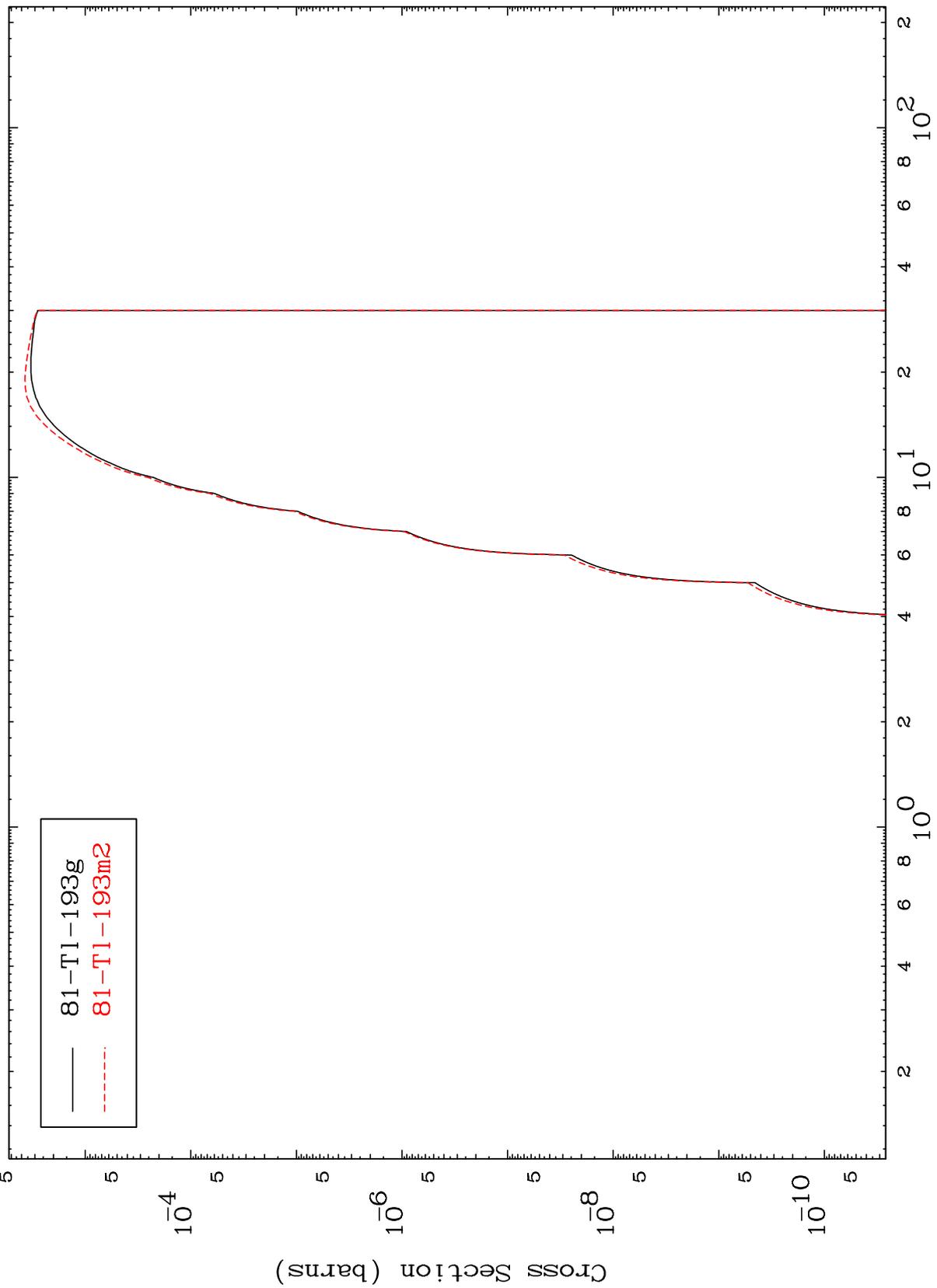


81-Tl-194g
81-Tl-194m5

MAT 8198

82-Pb-195

Radionuclide Production Cross Section
(d, α)



30

82-Pb-195

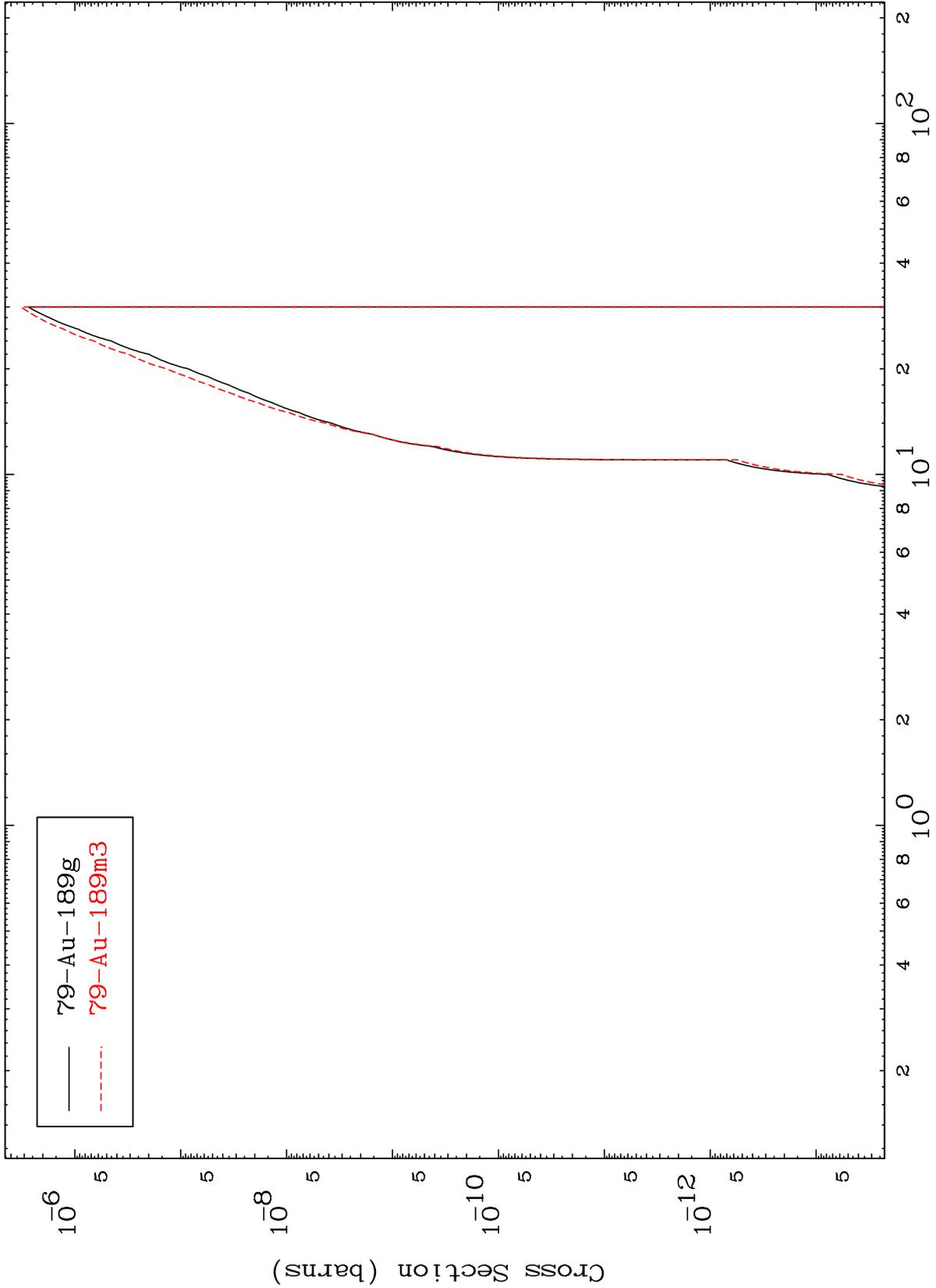
Incident Energy (MeV)

MAT 8198

(d,2α)

82-Pb-195

Radionuclide Production Cross Section

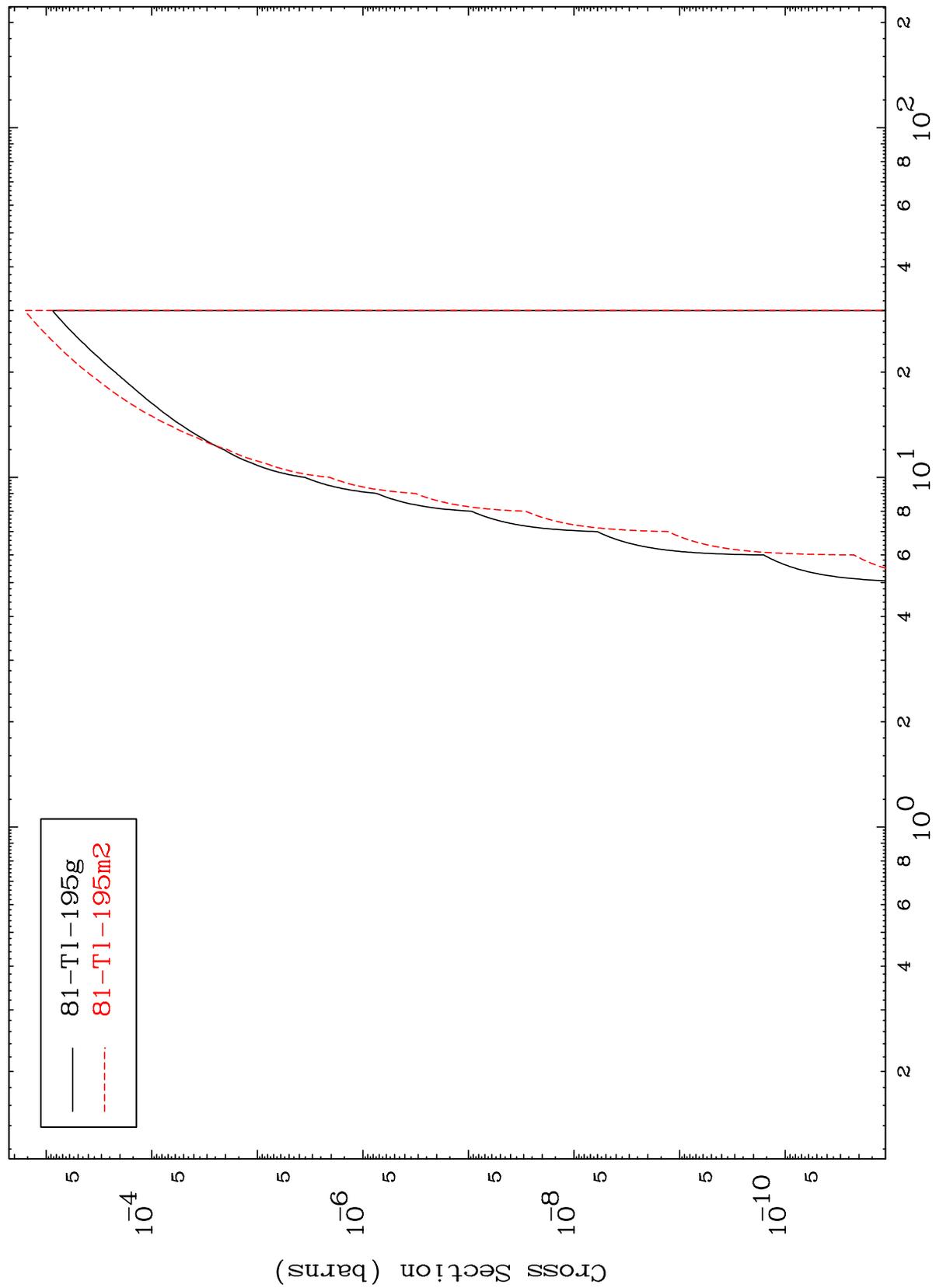


— $^{79}\text{Au-189g}$
- - - $^{79}\text{Au-189m3}$

MAT 8198

82-Pb-195

Radionuclide Production Cross Section
(d,2p)

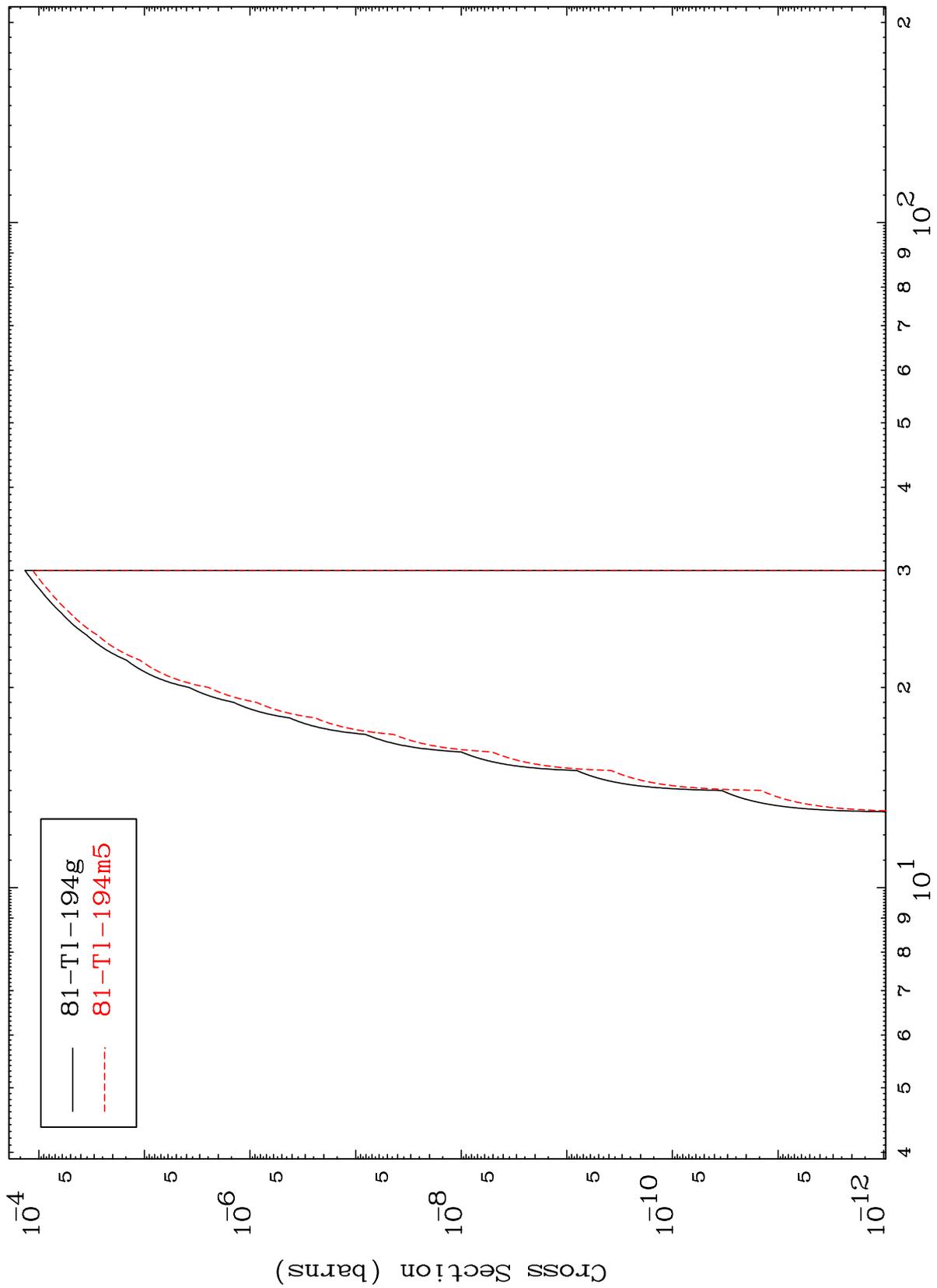


MAT 8198

(d,p) d

82-Pb-195

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

33

Incident Energy (MeV)

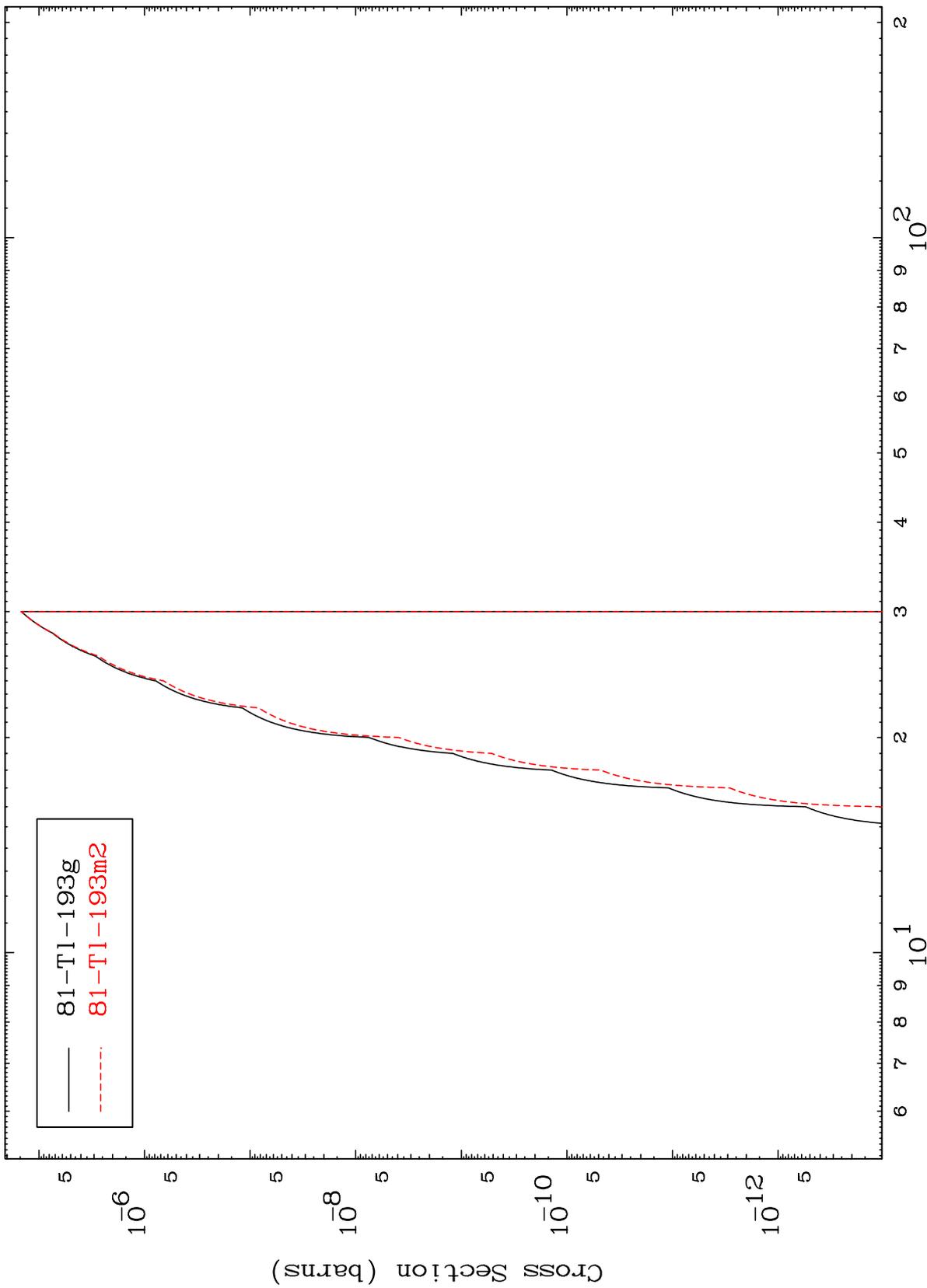
82-Pb-195

MAT 8198

(d,p) t

82-Pb-195

Radionuclide Production Cross Section



34

Incident Energy (MeV)

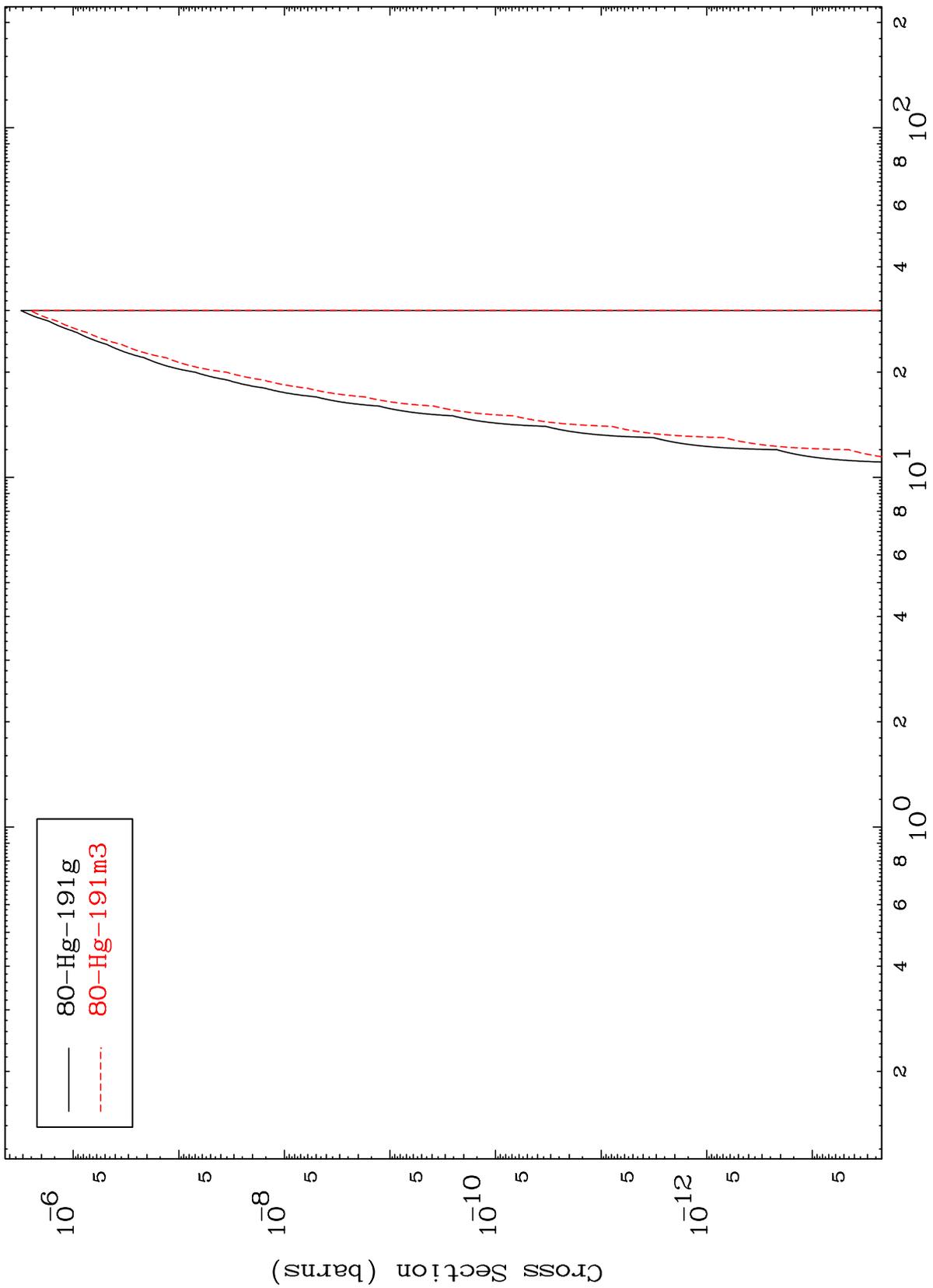
82-Pb-195

MAT 8198

(d,d) α

82-Pb-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

82-Pb-195