

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

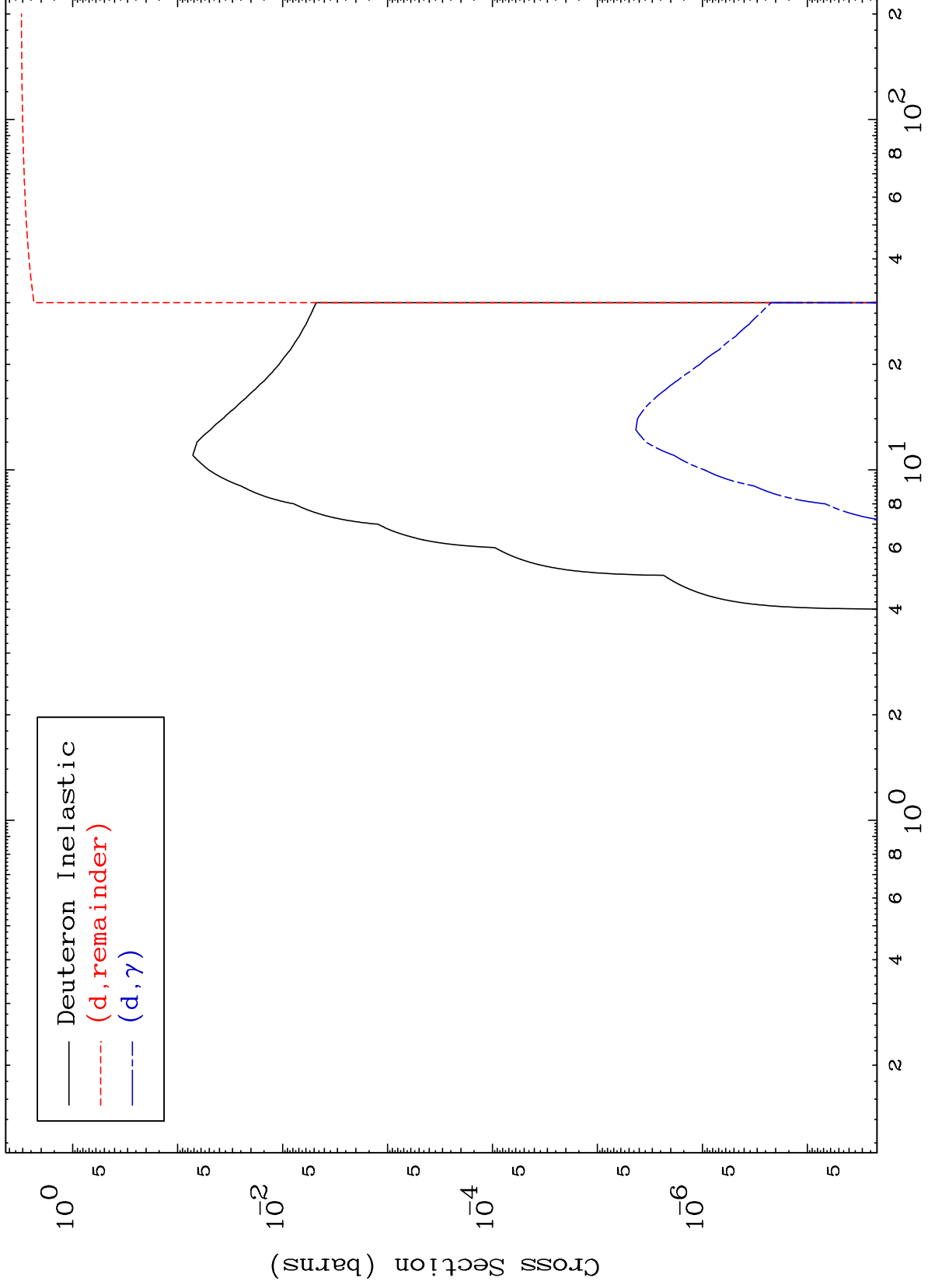
Dermott E. Cullen
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Livermore, CA 94550
U.S.A.

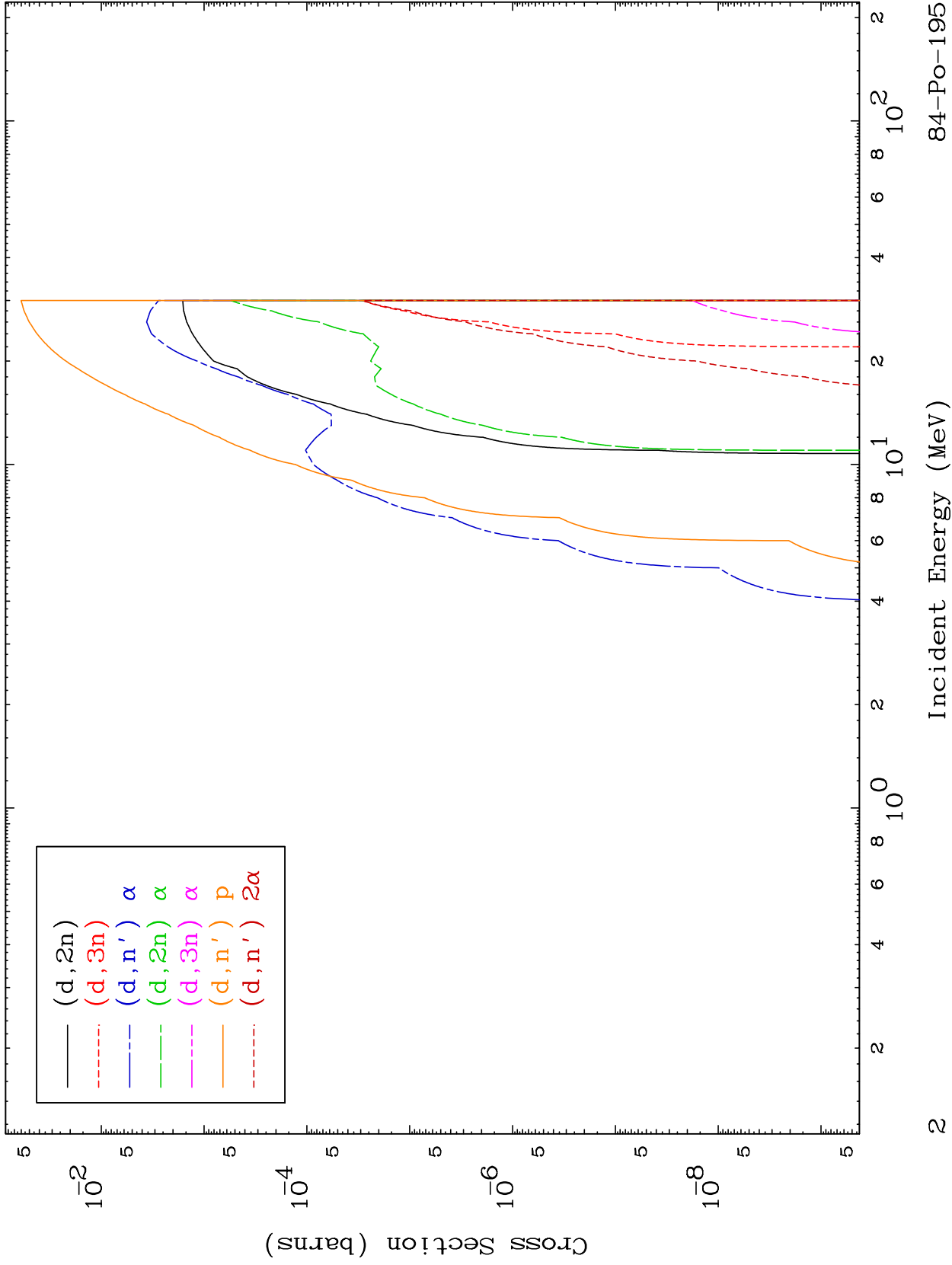
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

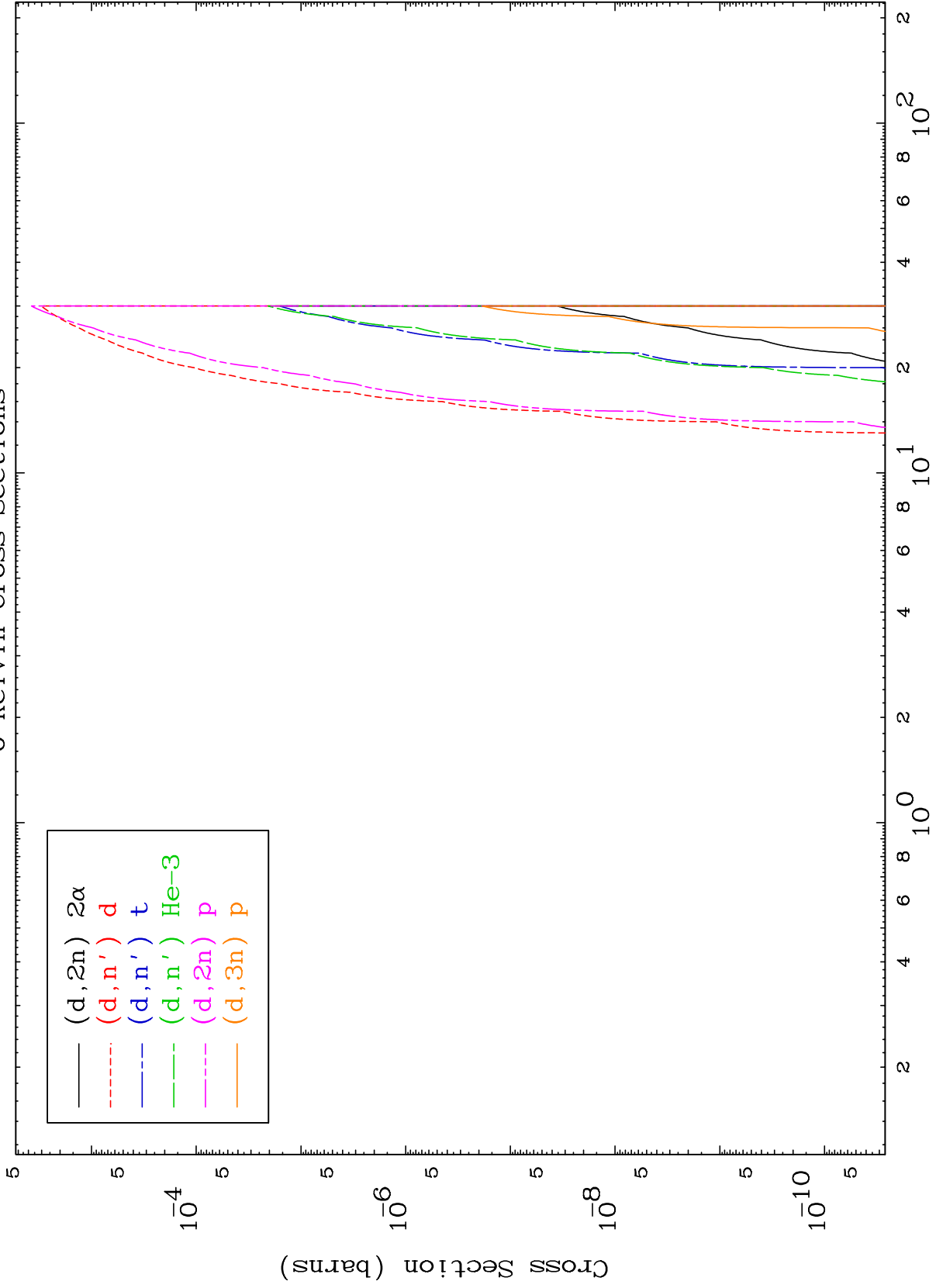


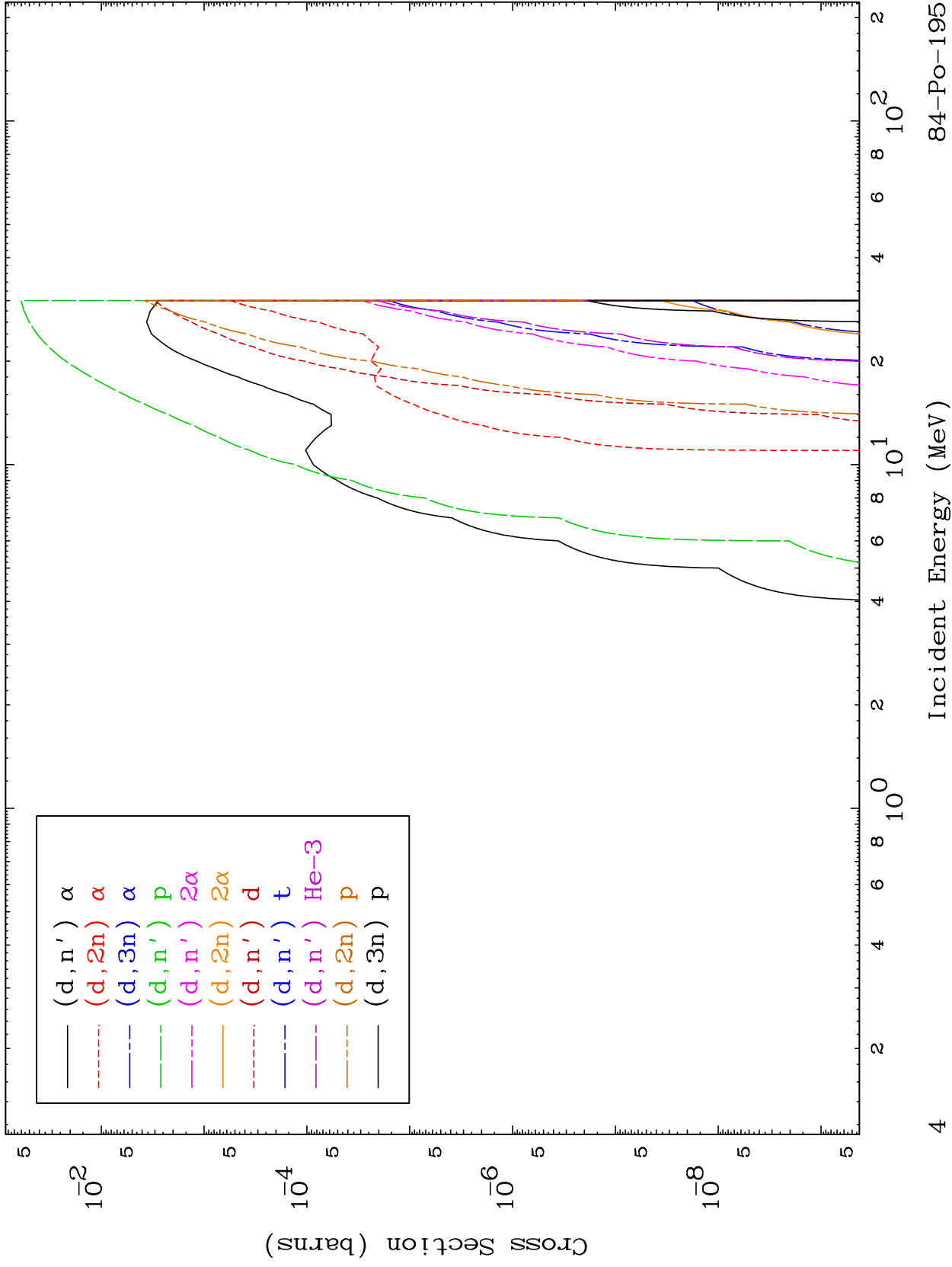


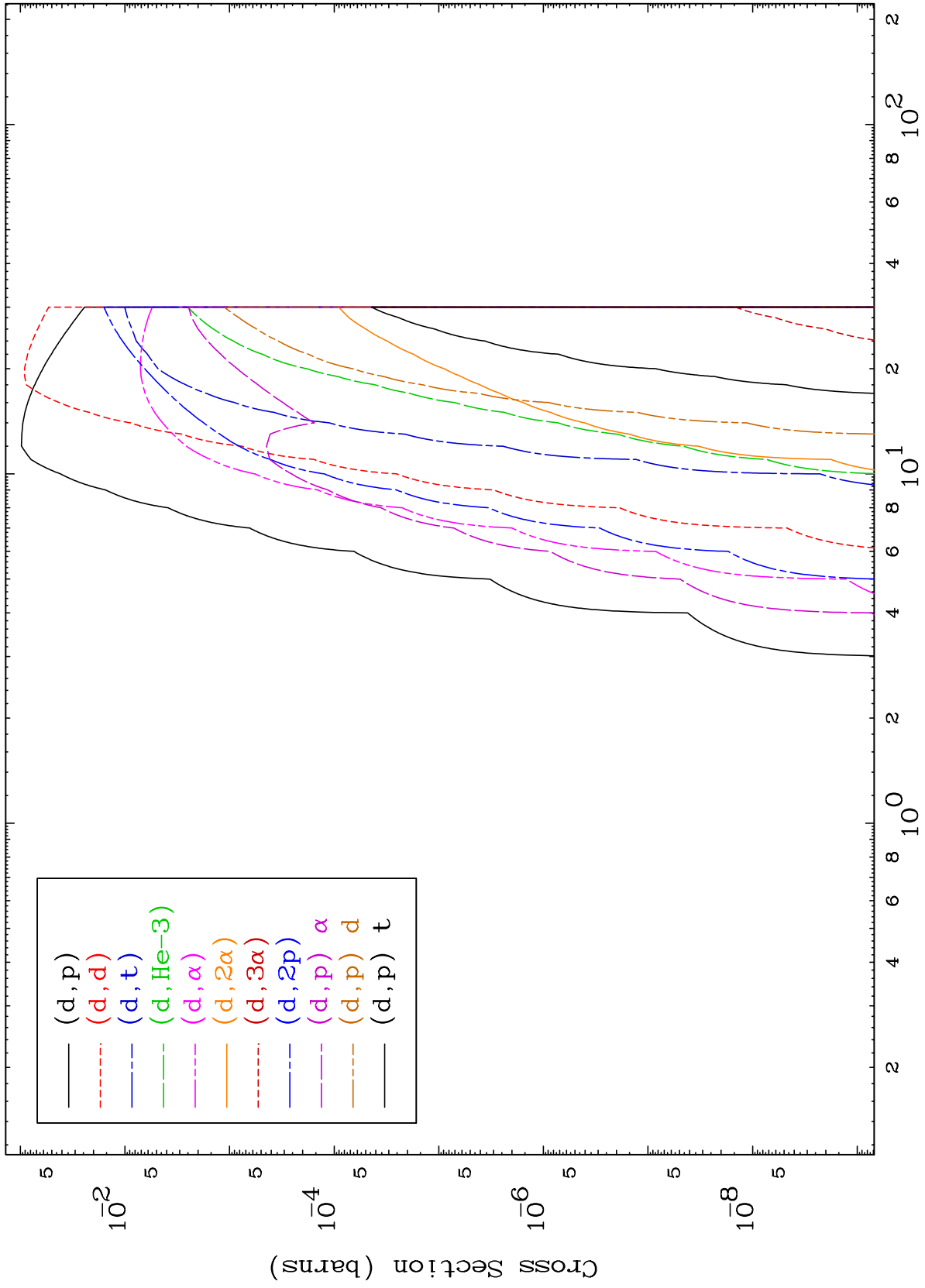
MAT 8392

Deuteron Neutron Production
0 Kelvin Cross Sections

84-Po-195



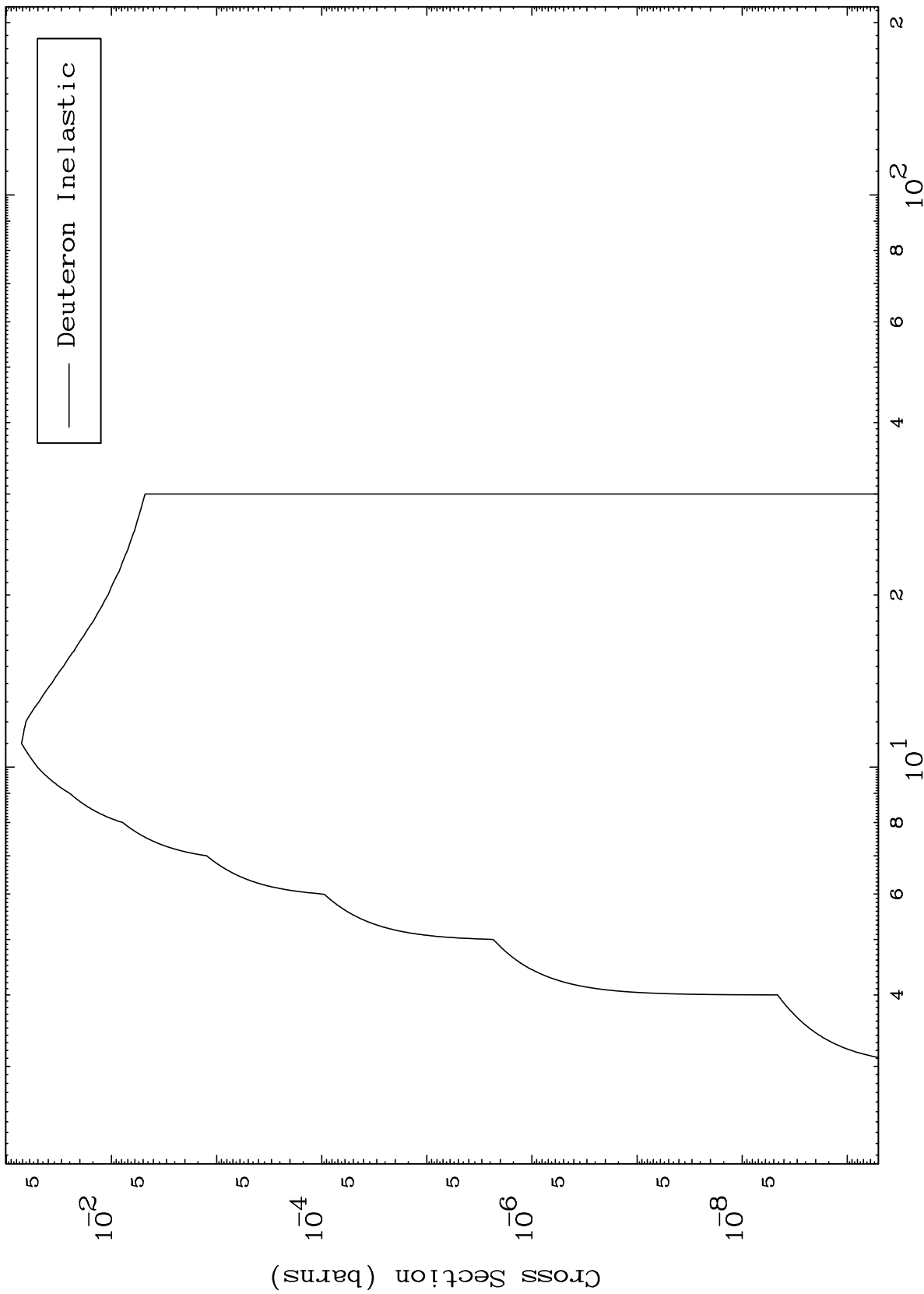




MAT 8392

84-Po-195

(d,n') Level
0 Kelvin Cross Sections



84-Po-195

Incident Energy (MeV)

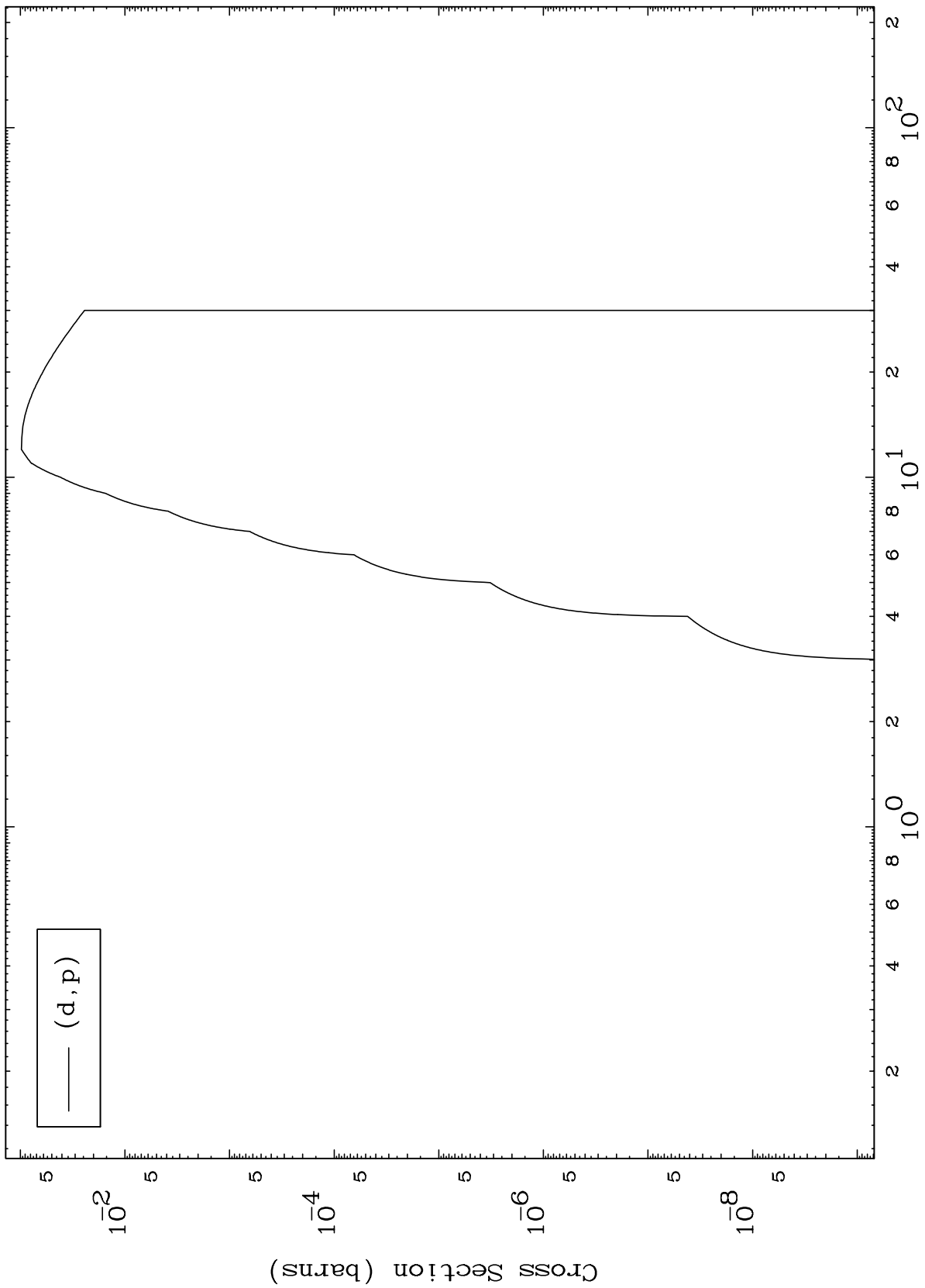
6

MAT 8392

(d,p) Levels

84-Po-195

0 Kelvin Cross Sections



(d,p)

Incident Energy (MeV)

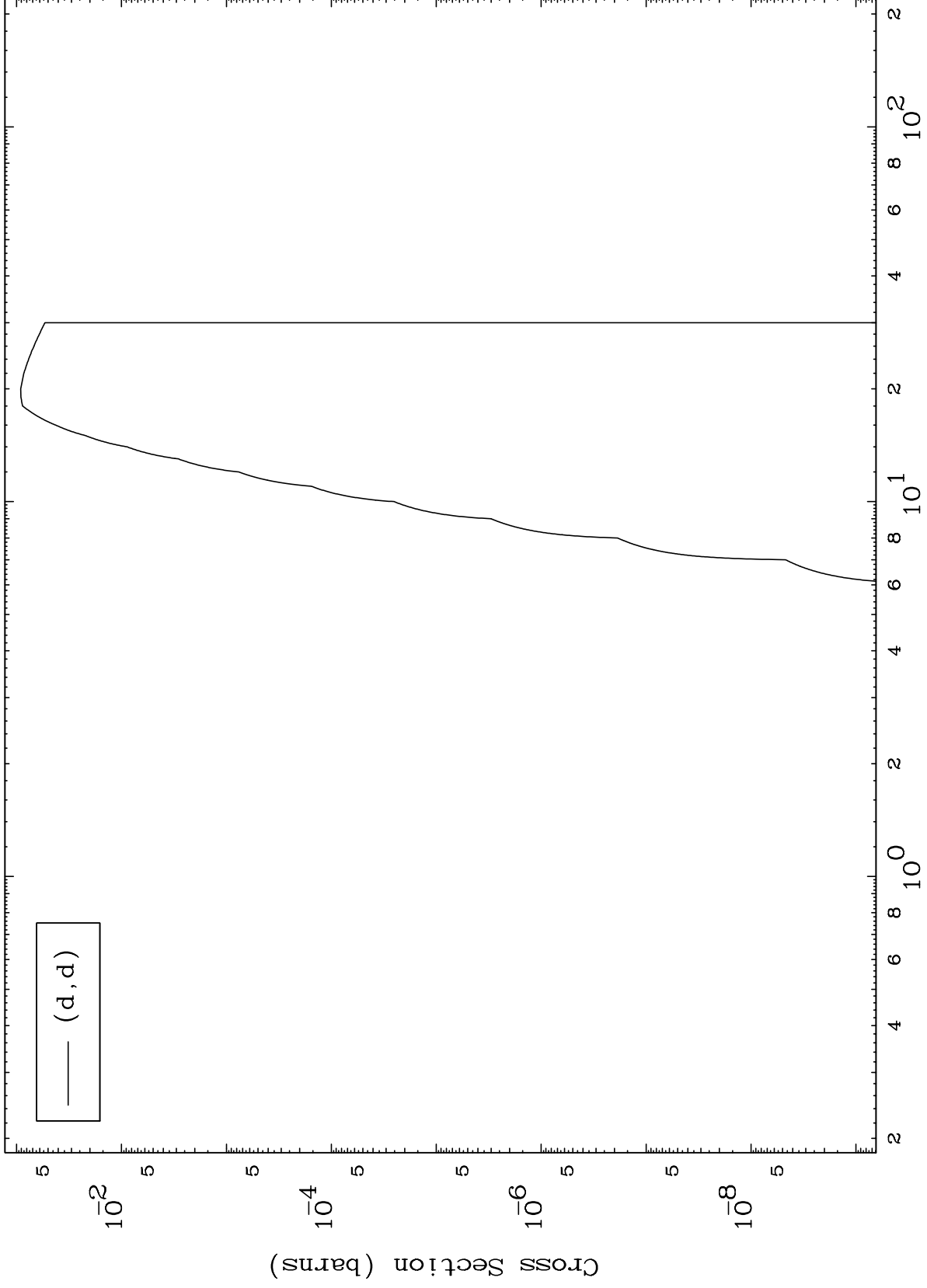
84-Po-195

MAT 8392

(d,d) Levels

84-Po-195

0 Kelvin Cross Sections



8

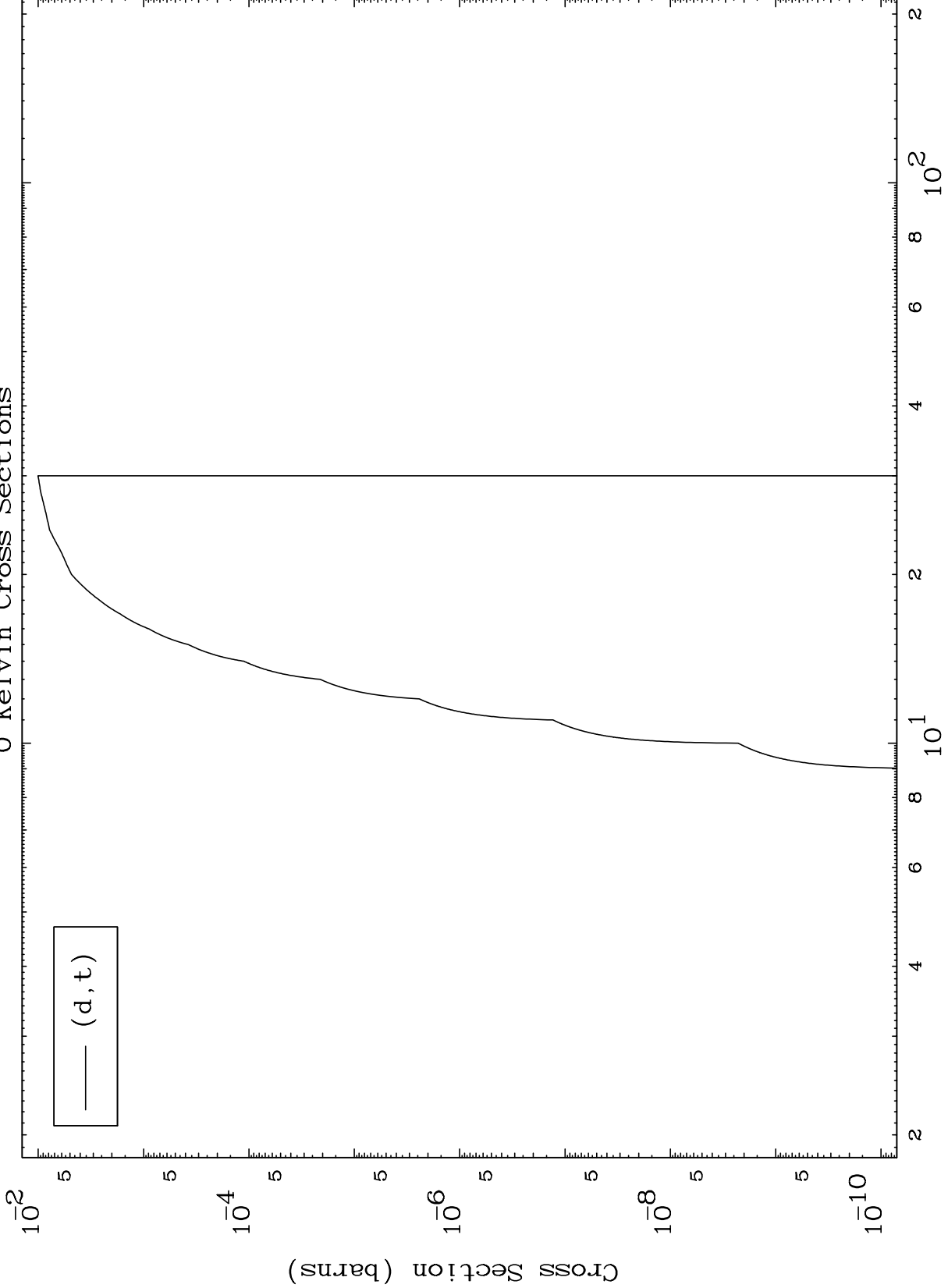
Incident Energy (MeV)

84-Po-195

MAT 8392

(d, t) Levels
0 Kelvin Cross Sections

84-Po-195

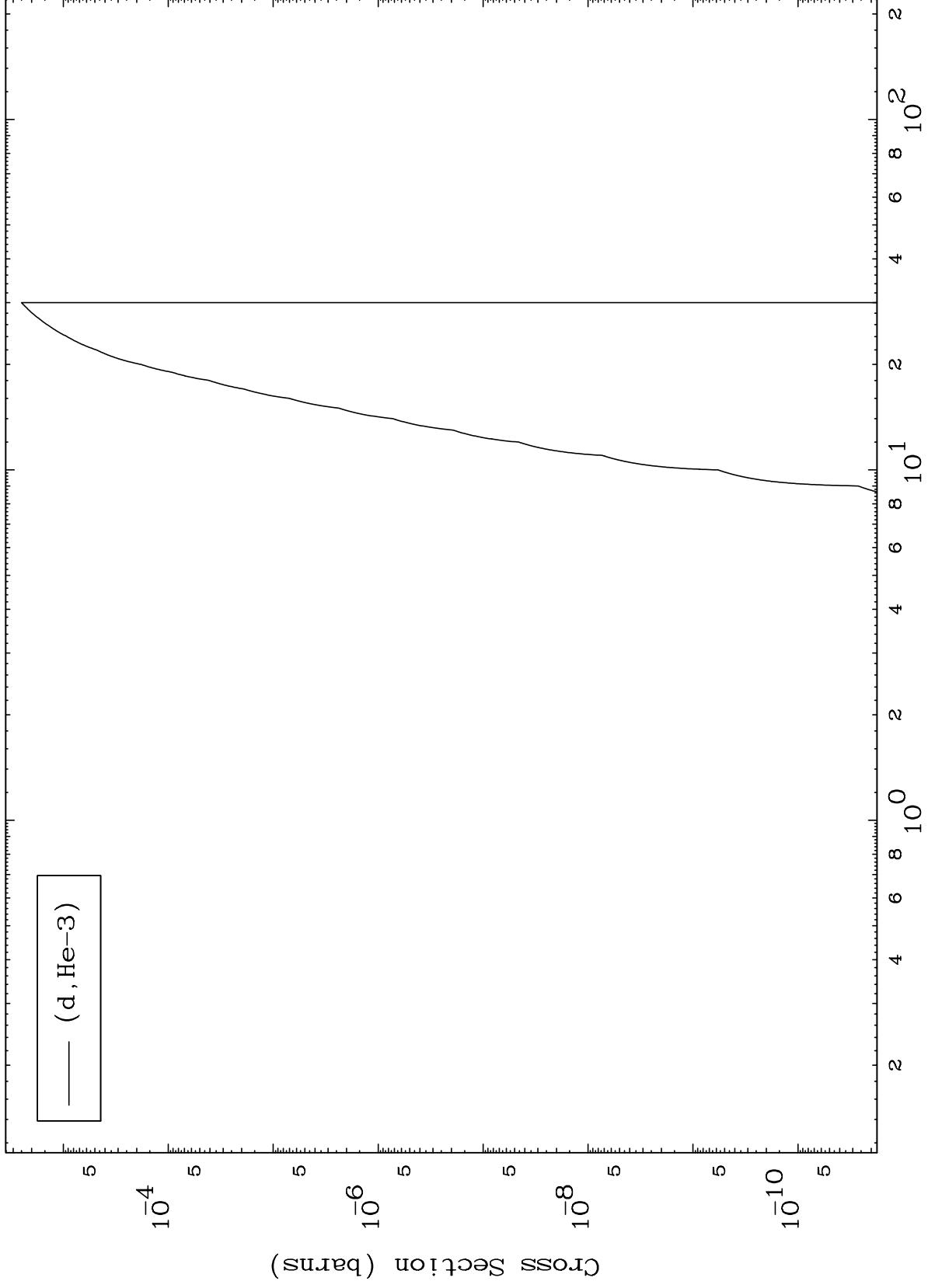


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(d,He3) Levels

84-Po-195

0 Kelvin Cross Sections



10

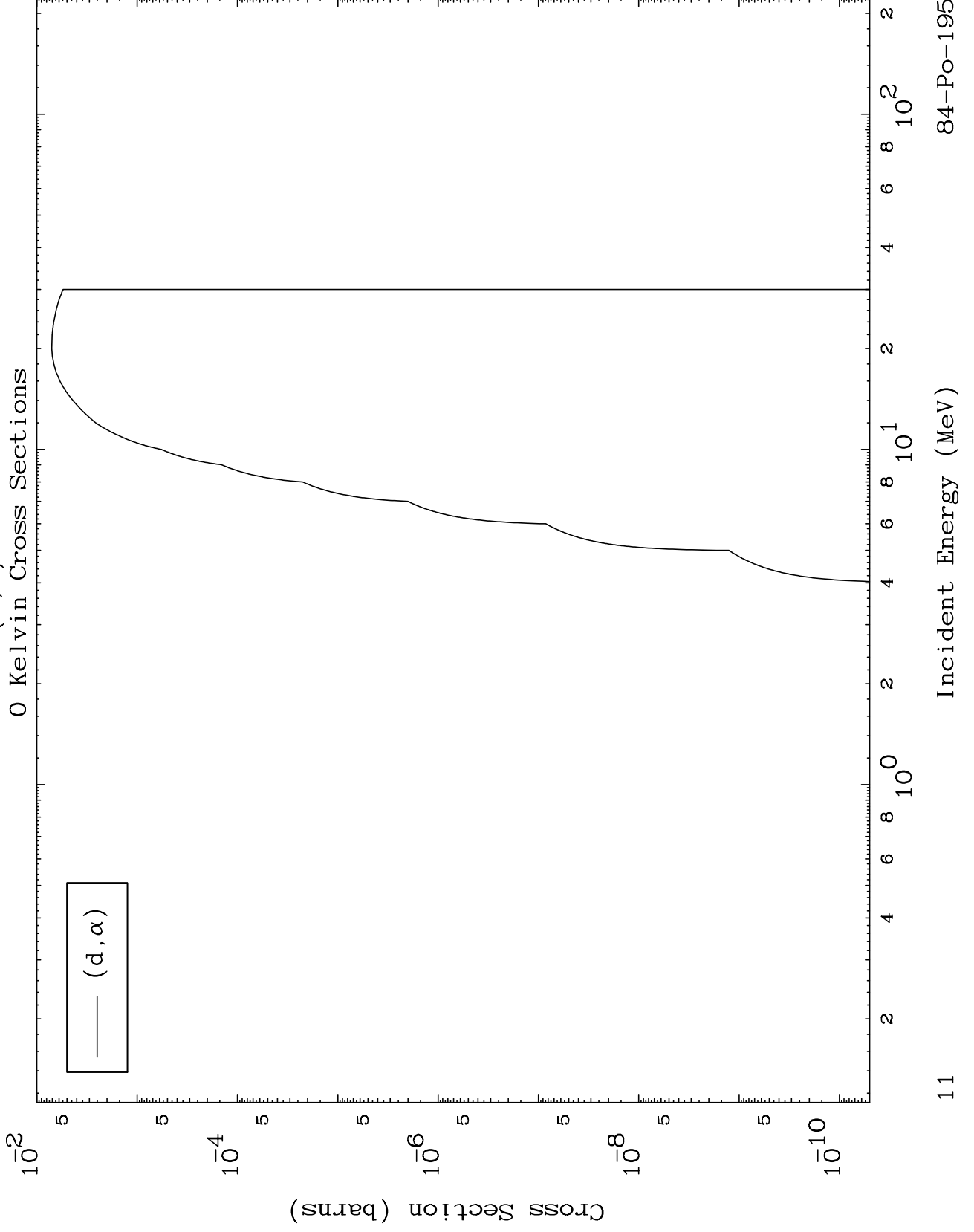
Incident Energy (MeV)

84-Po-195

MAT 8392

(d, α) Levels

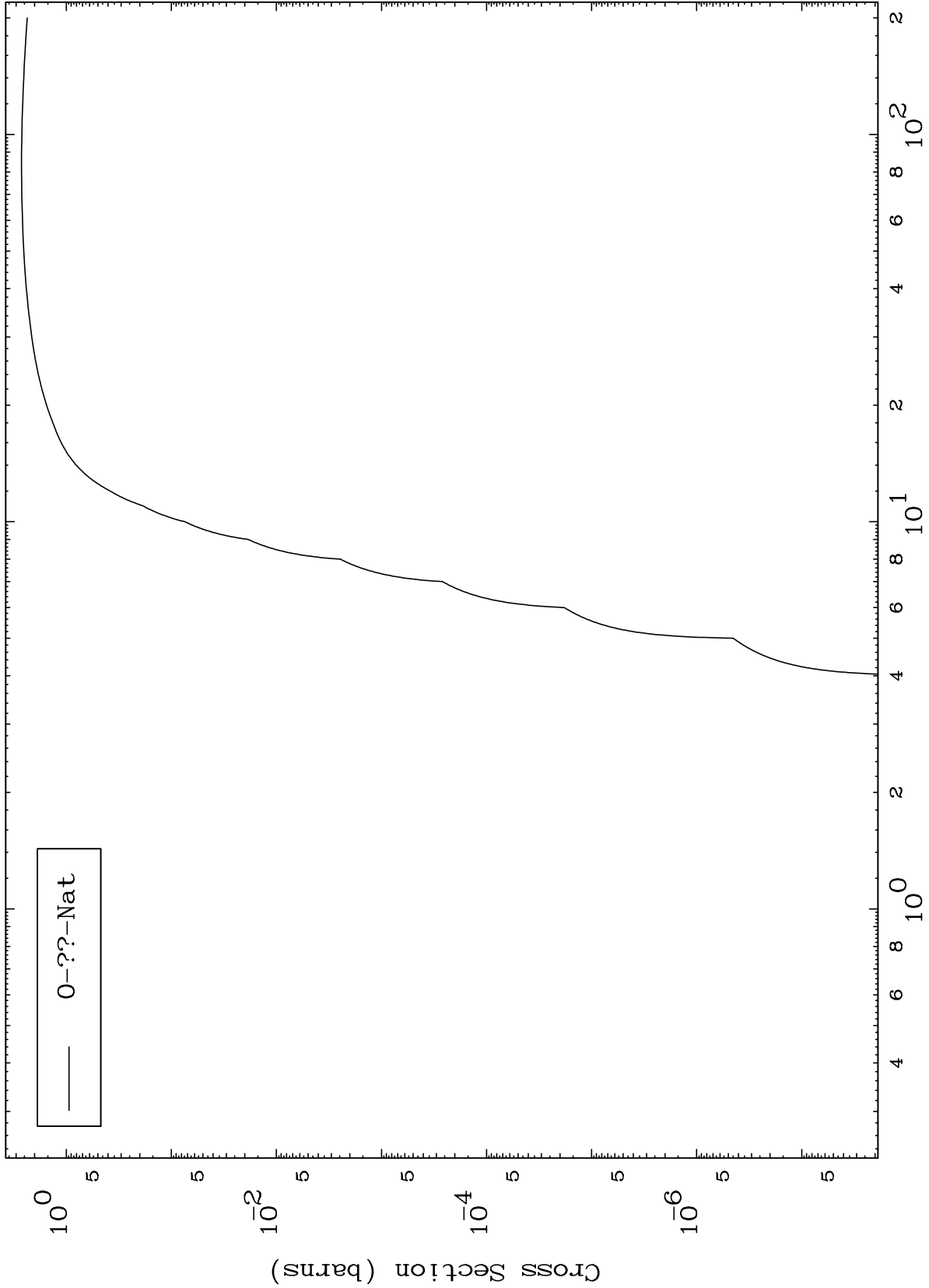
84-Po-195



MAT 8392

84-Po-195

Deuteron Fission
Radionuclide Production Cross Section

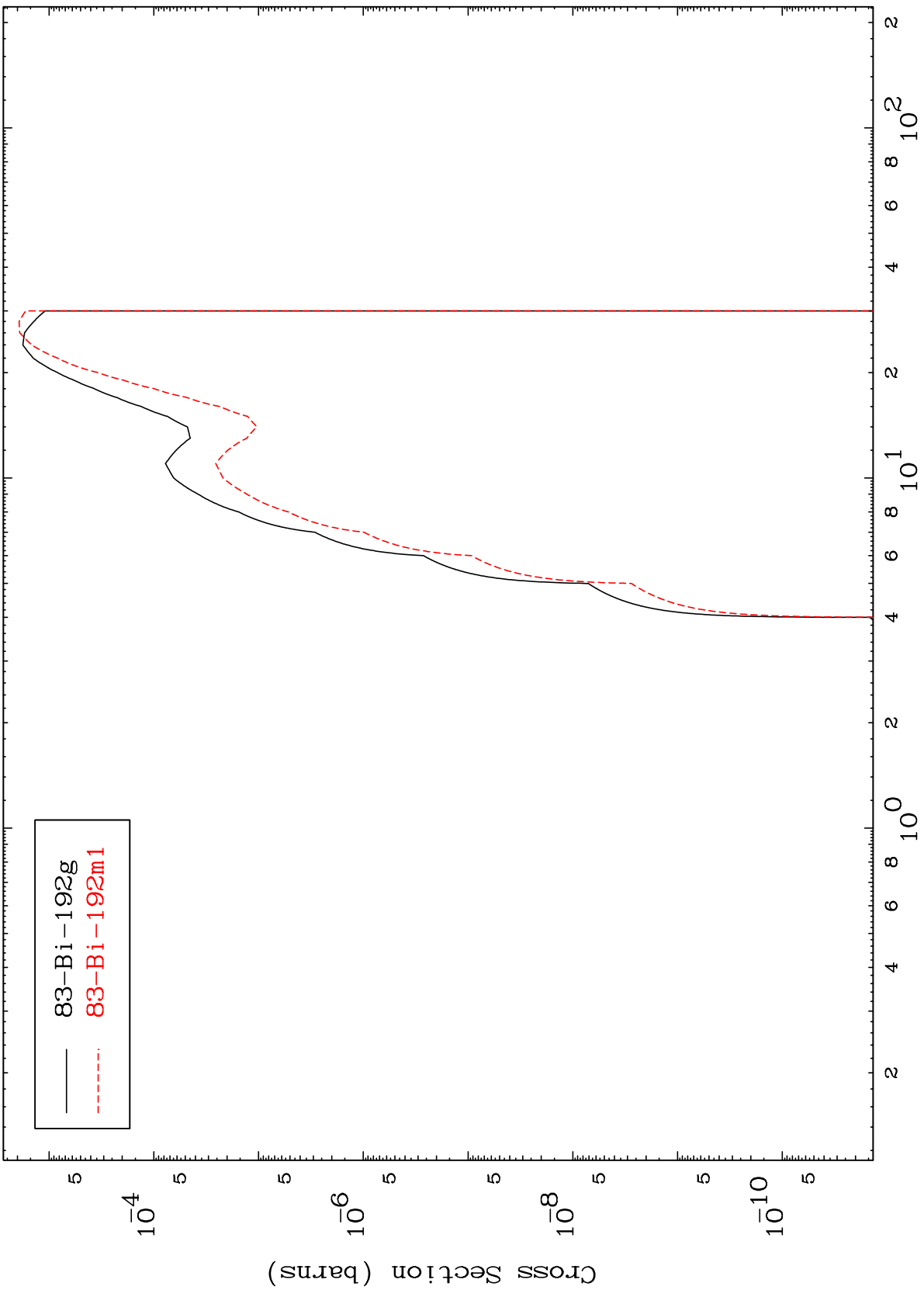


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(d,n') α

84-Po-195

Radionuclide Production Cross Section

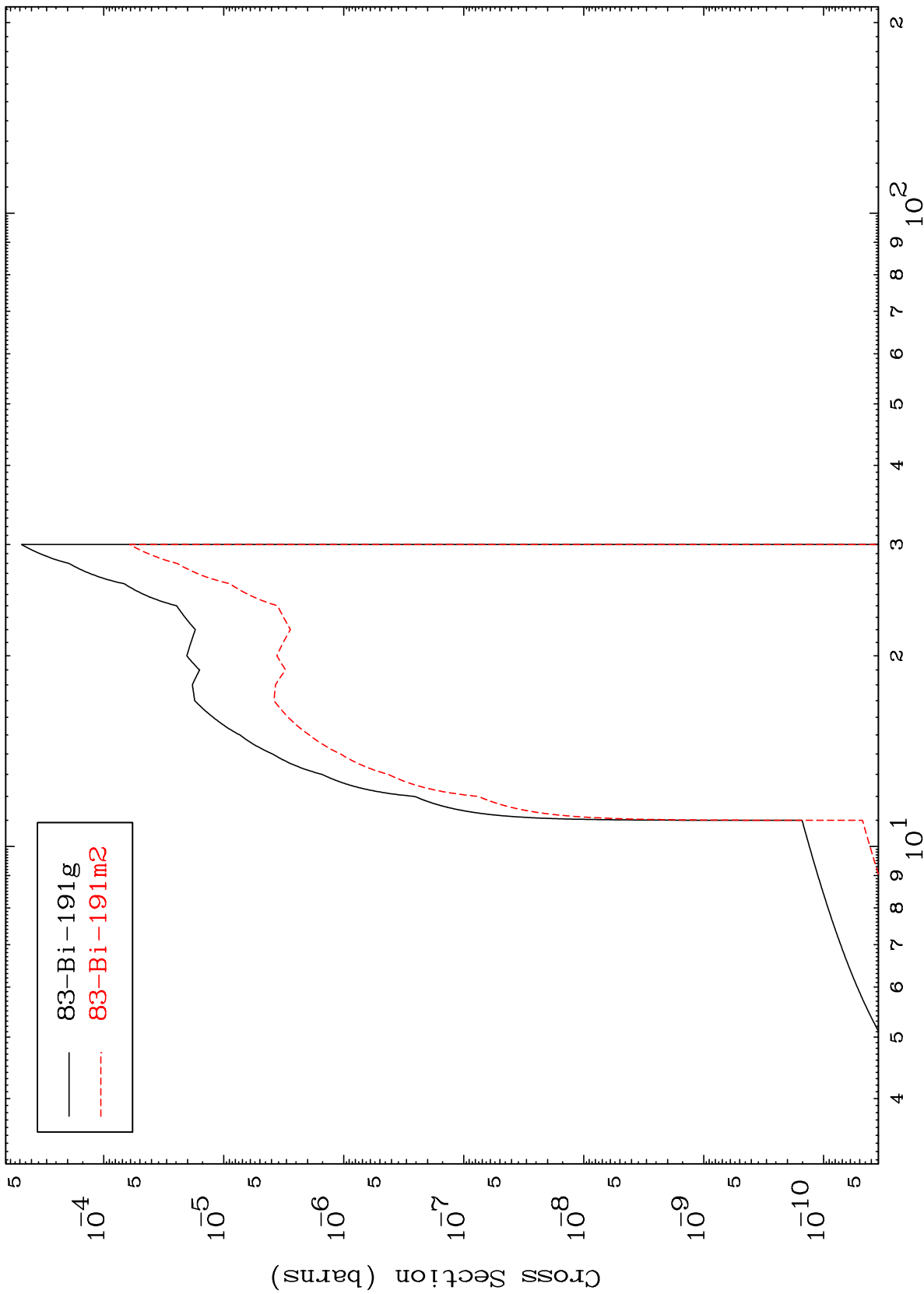


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$(d,2n) \alpha$

84-Po-195

Radionuclide Production Cross Section



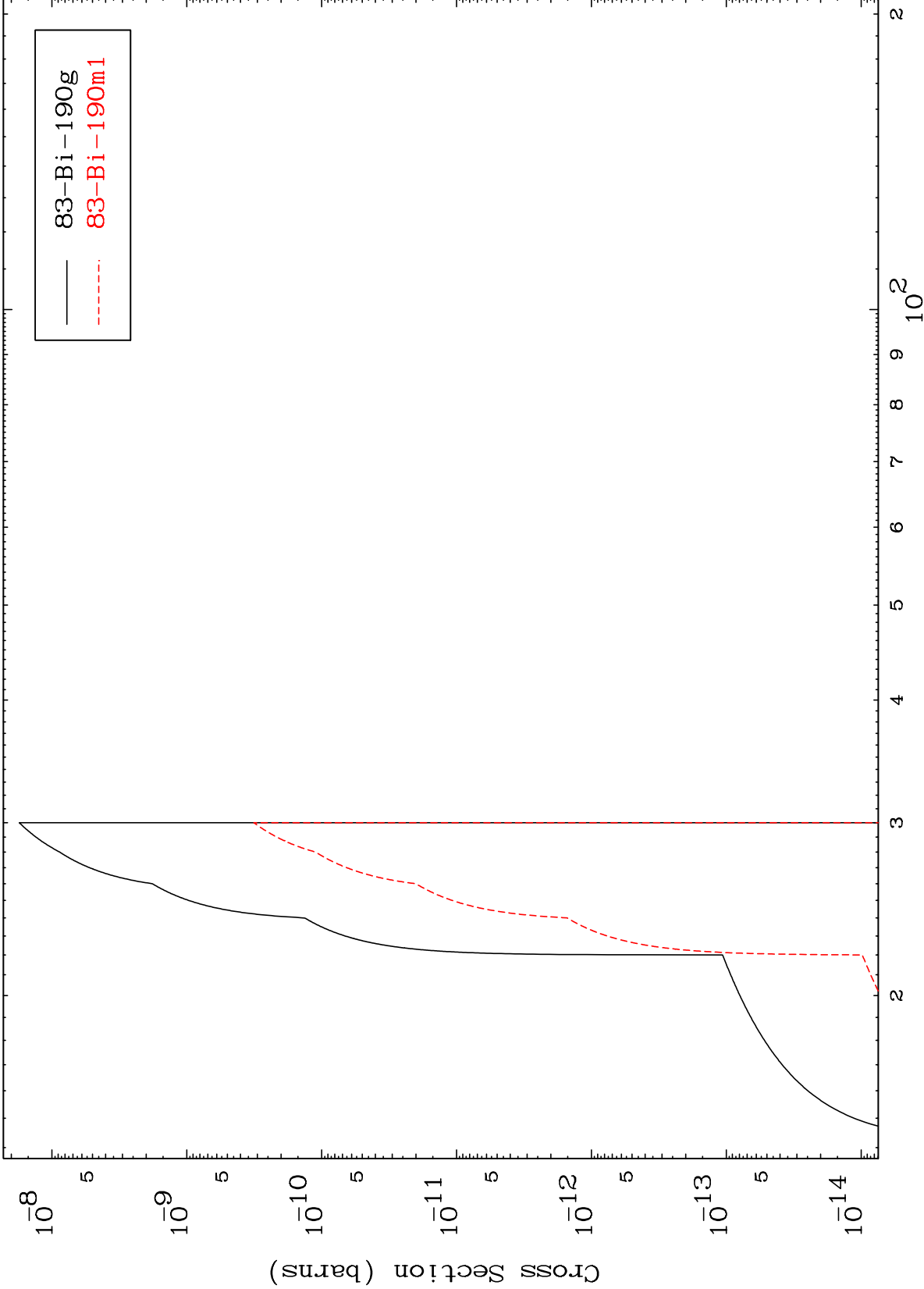
83-Bi-191g
83-Bi-191m2

14

Incident Energy (MeV)

84-Po-195

Radionuclide Production Cross Section

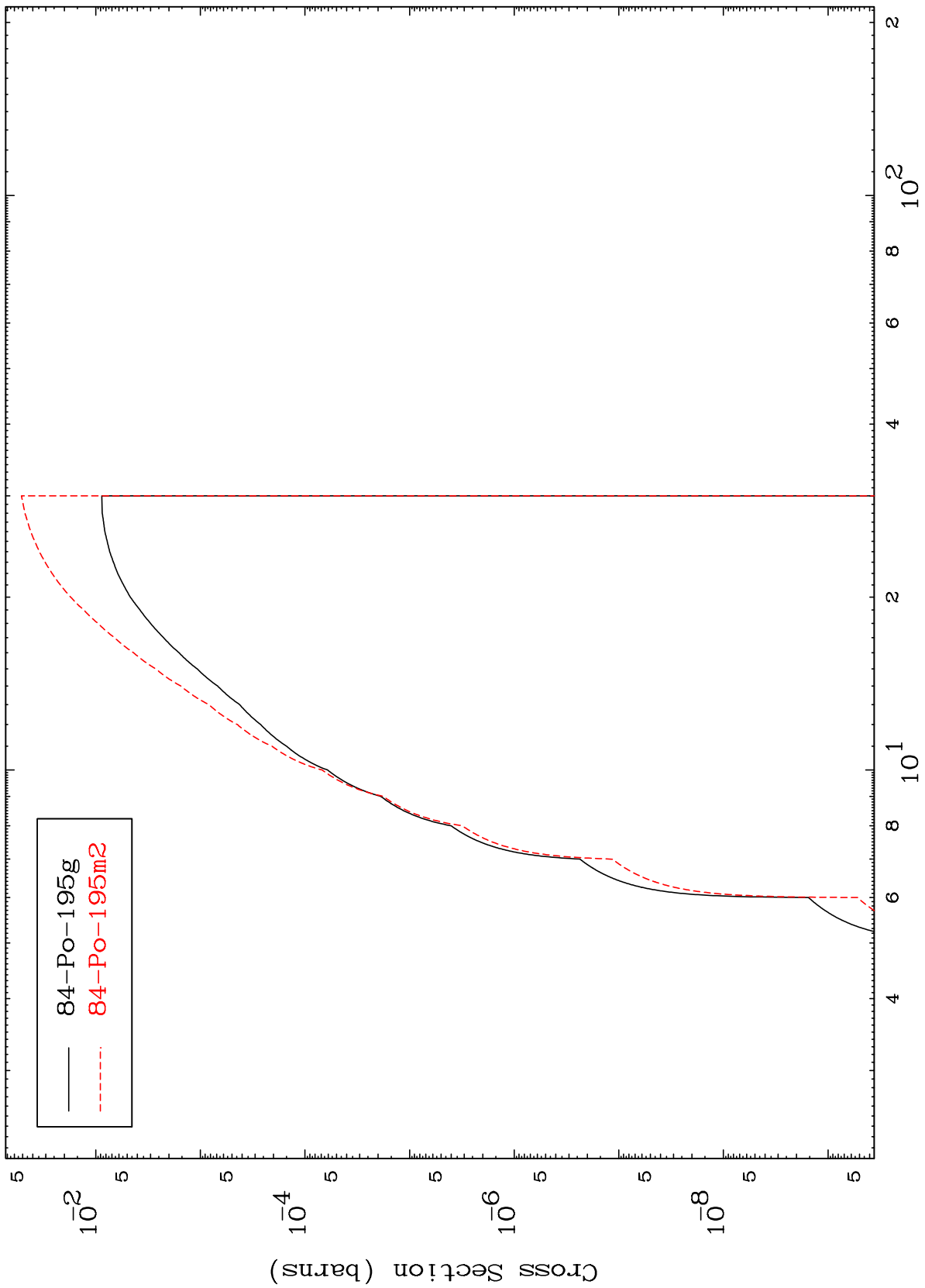


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84-Po-195

(d,n') p

Radionuclide Production Cross Section



16

Incident Energy (MeV)

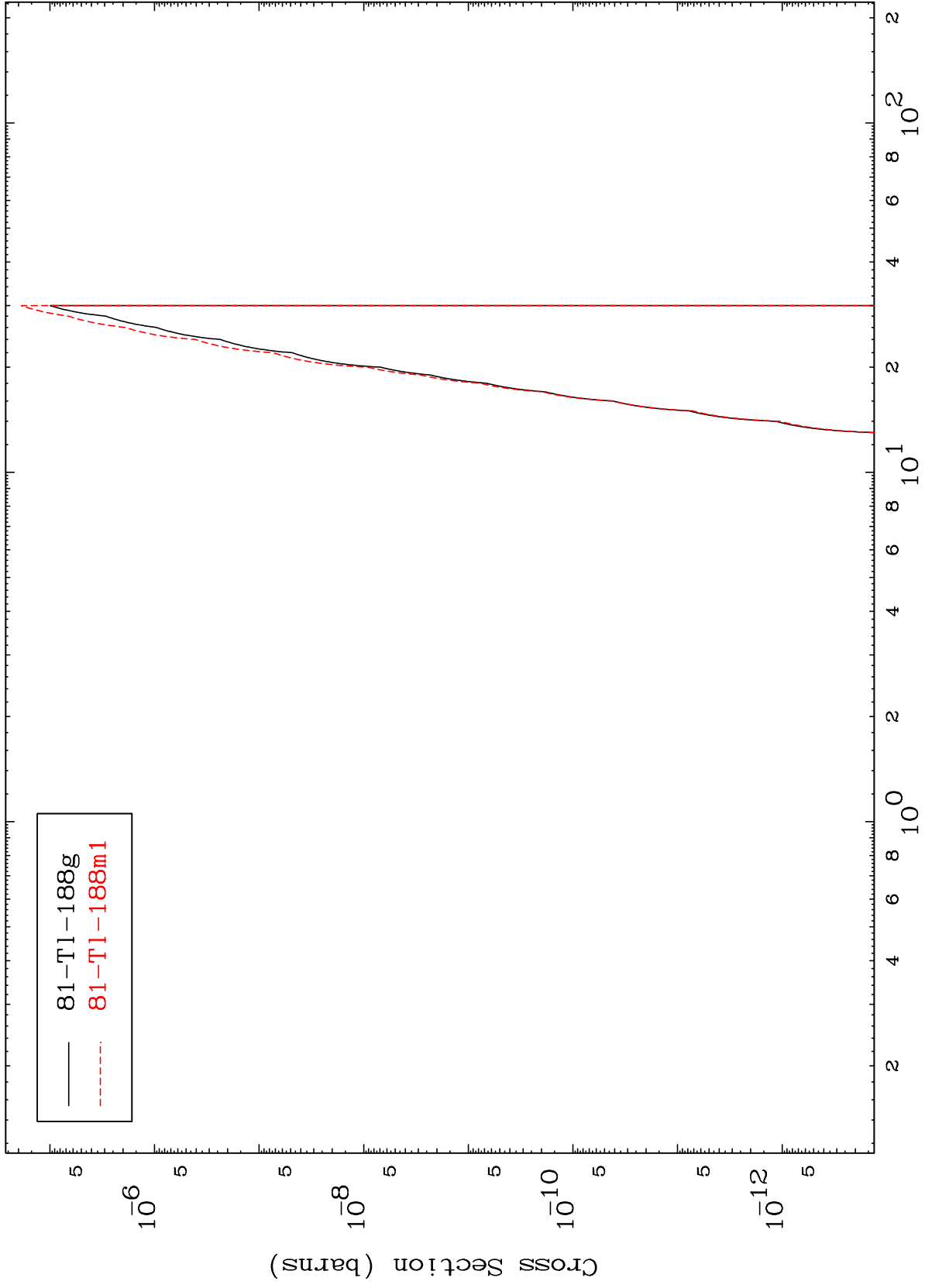
84-Po-195

MAT 8392

(d,n') 2α

84-Po-195

Radionuclide Production Cross Section

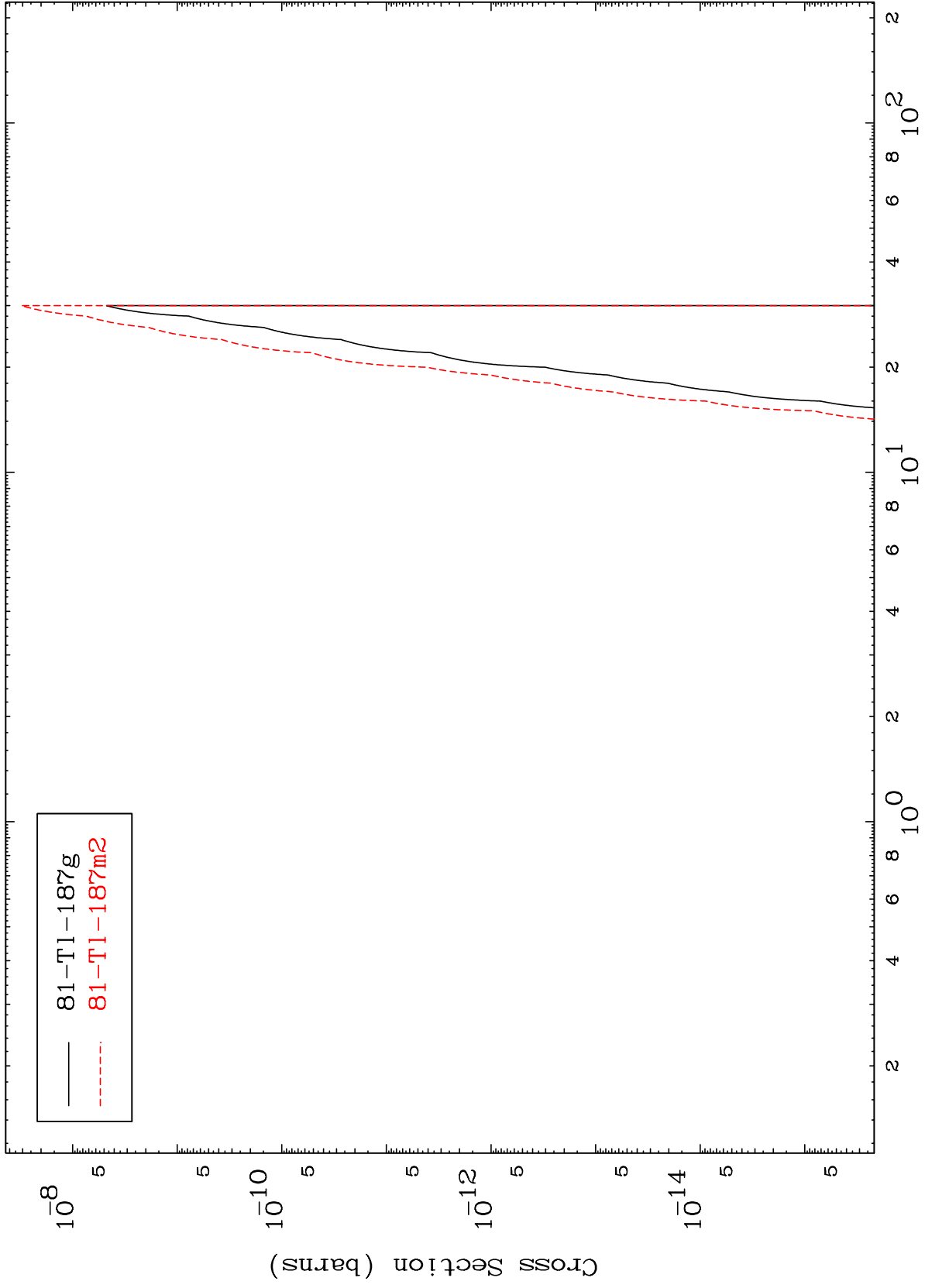


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$^{84}\text{Po-195}$

$(d,2n) 2\alpha$

Radionuclide Production Cross Section

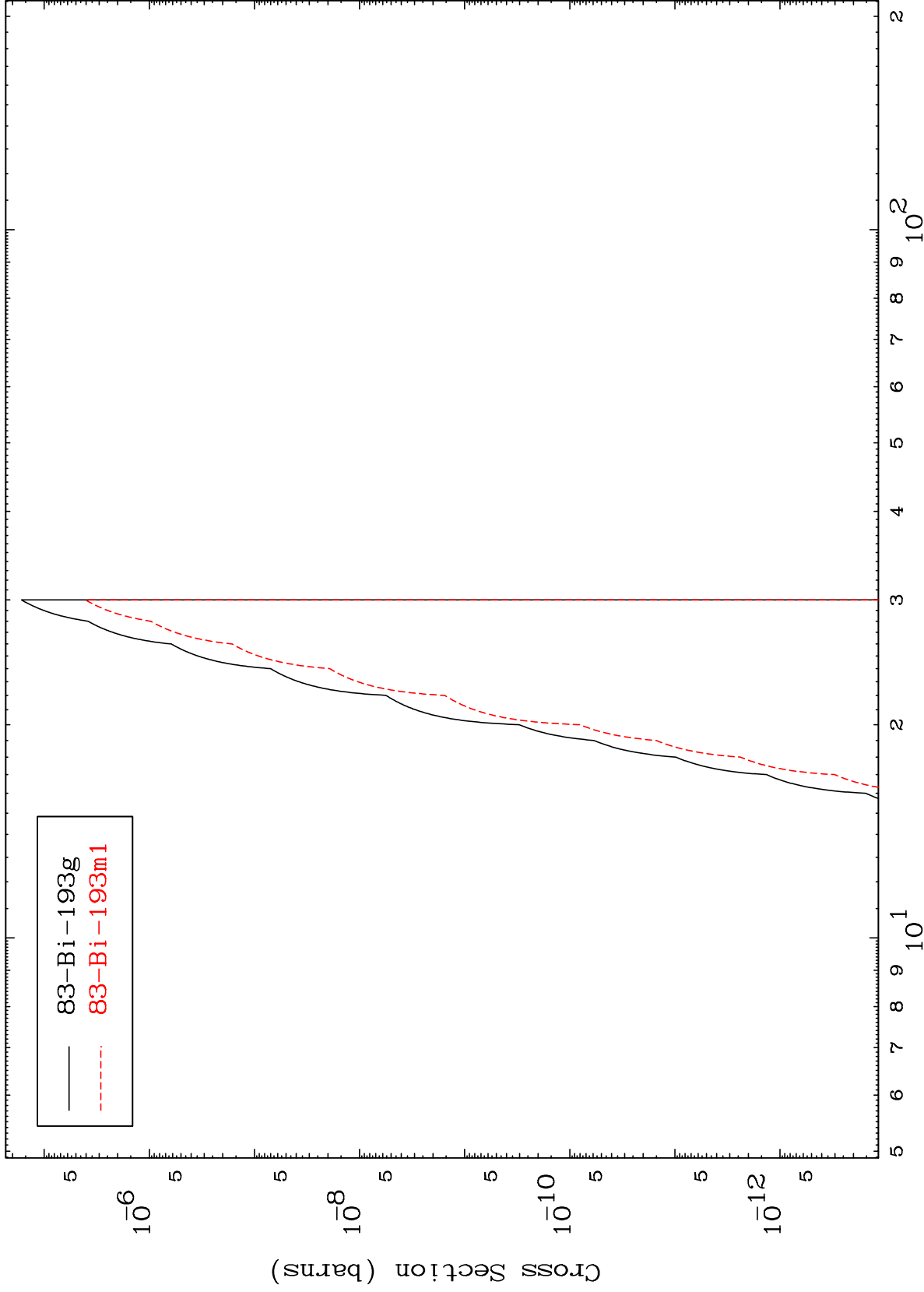


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(d,n') He-3

84-Po-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

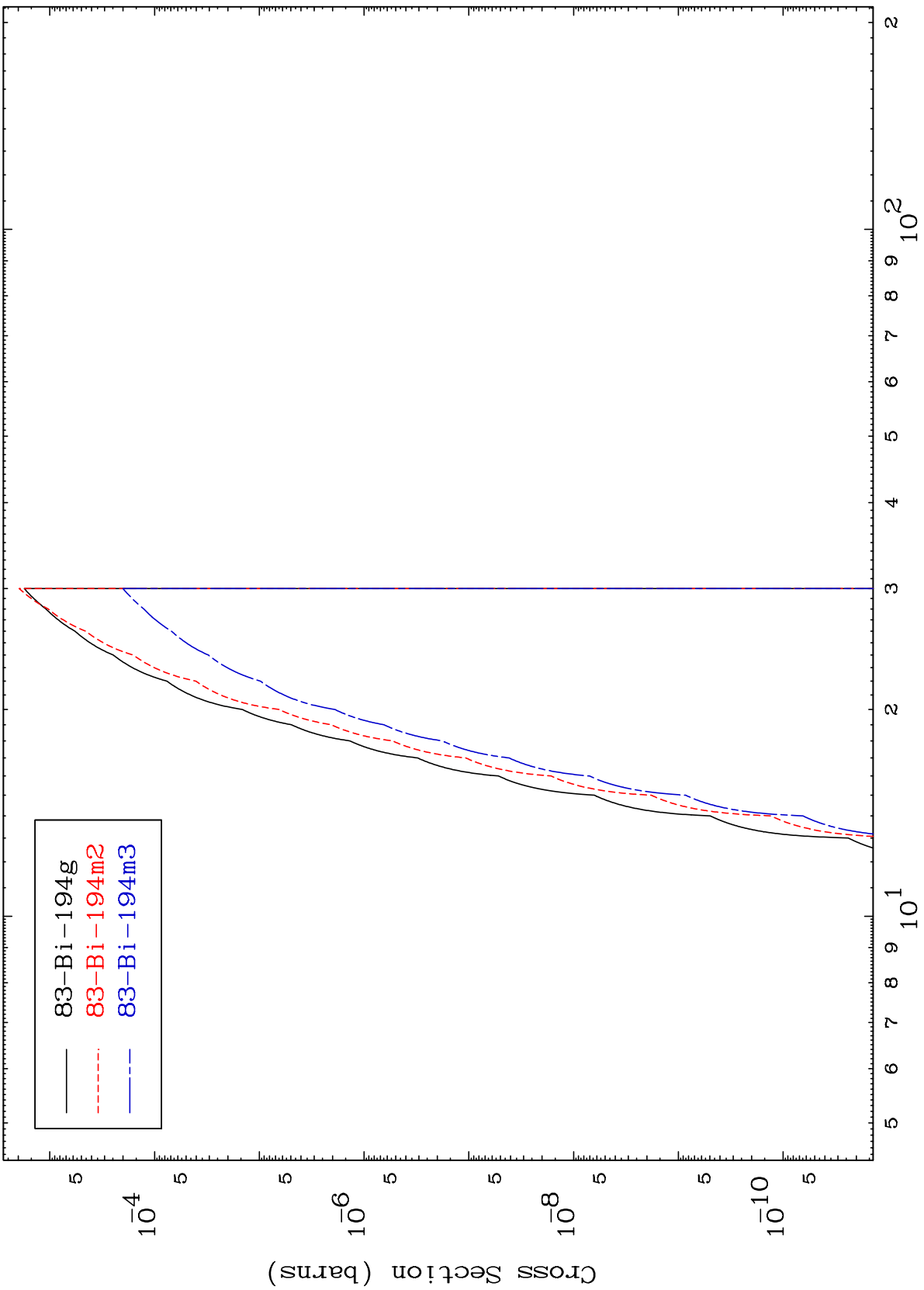
84-Po-195

MAT 8392

(d,2n) p

84-Po-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

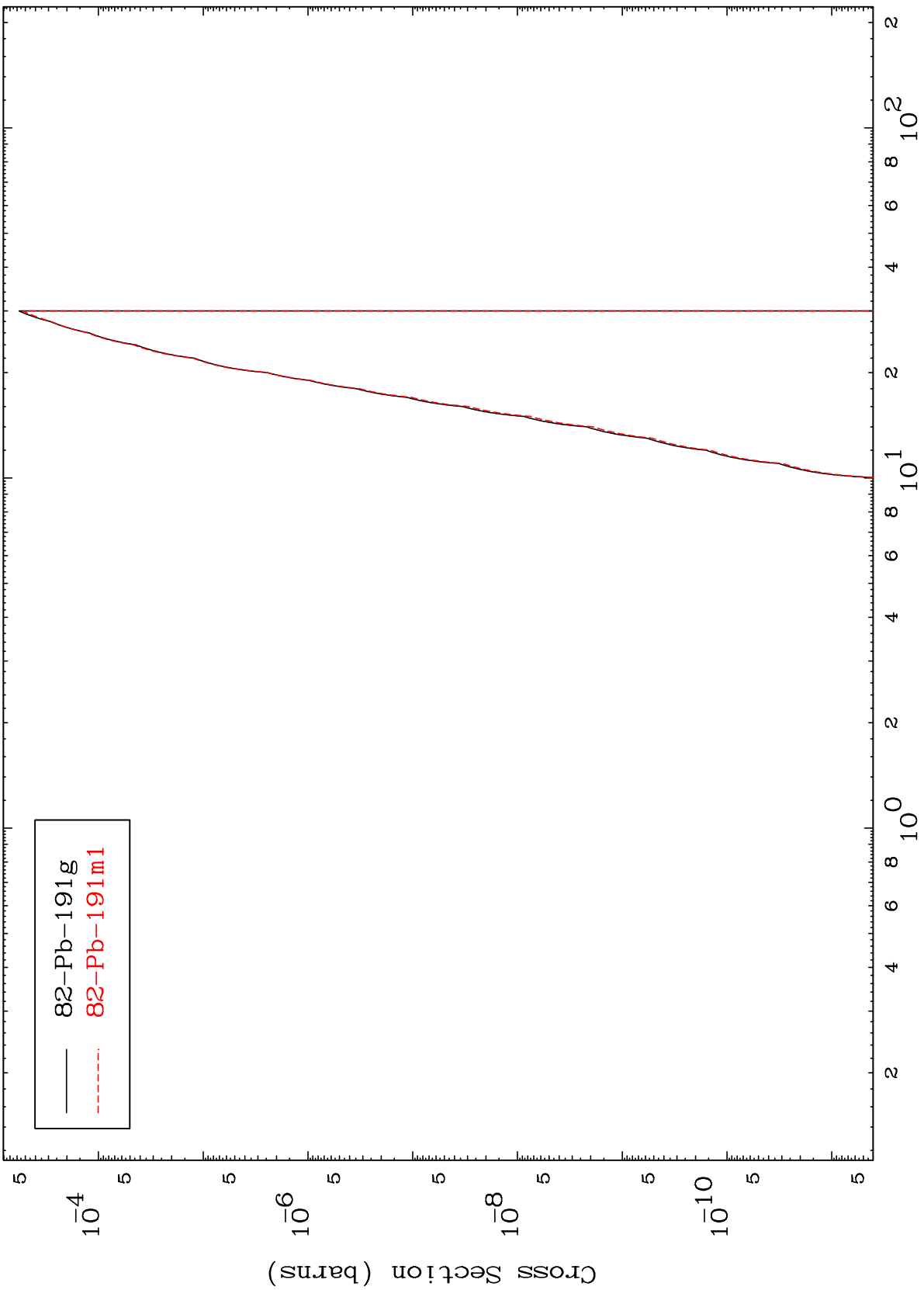
84-Po-195

MAT 8392

(d,n') p α

84-Po-195

Radionuclide Production Cross Section

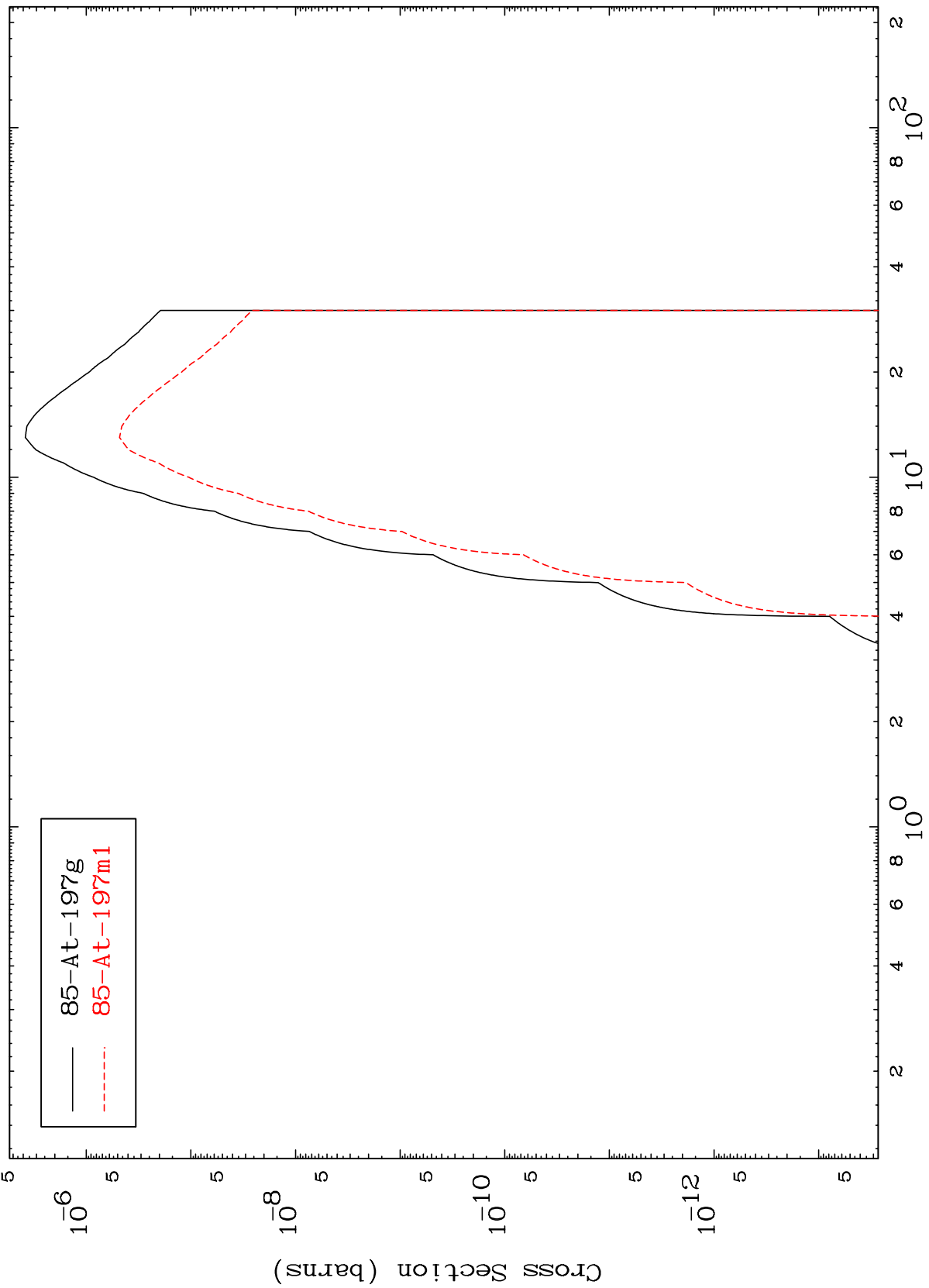


82-Pb-191g
82-Pb-191m1

MAT 8392

84-Po-195

(d, γ)
Radionuclide Production Cross Section



— 85-At-197g
- - - 85-At-197m1

84-Po-195

Incident Energy (MeV)

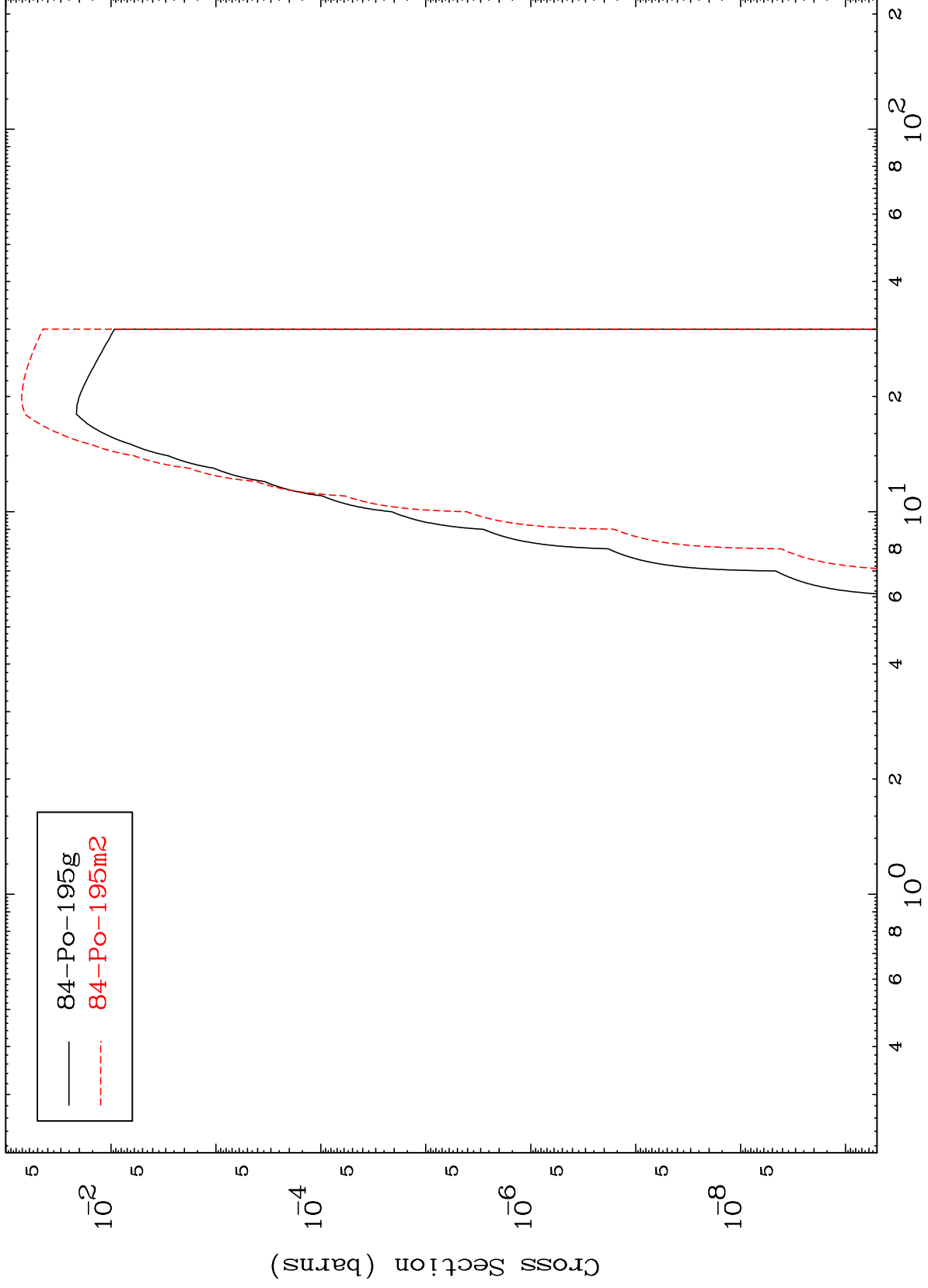
22

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(d,d)

84-Po-195

Radionuclide Production Cross Section

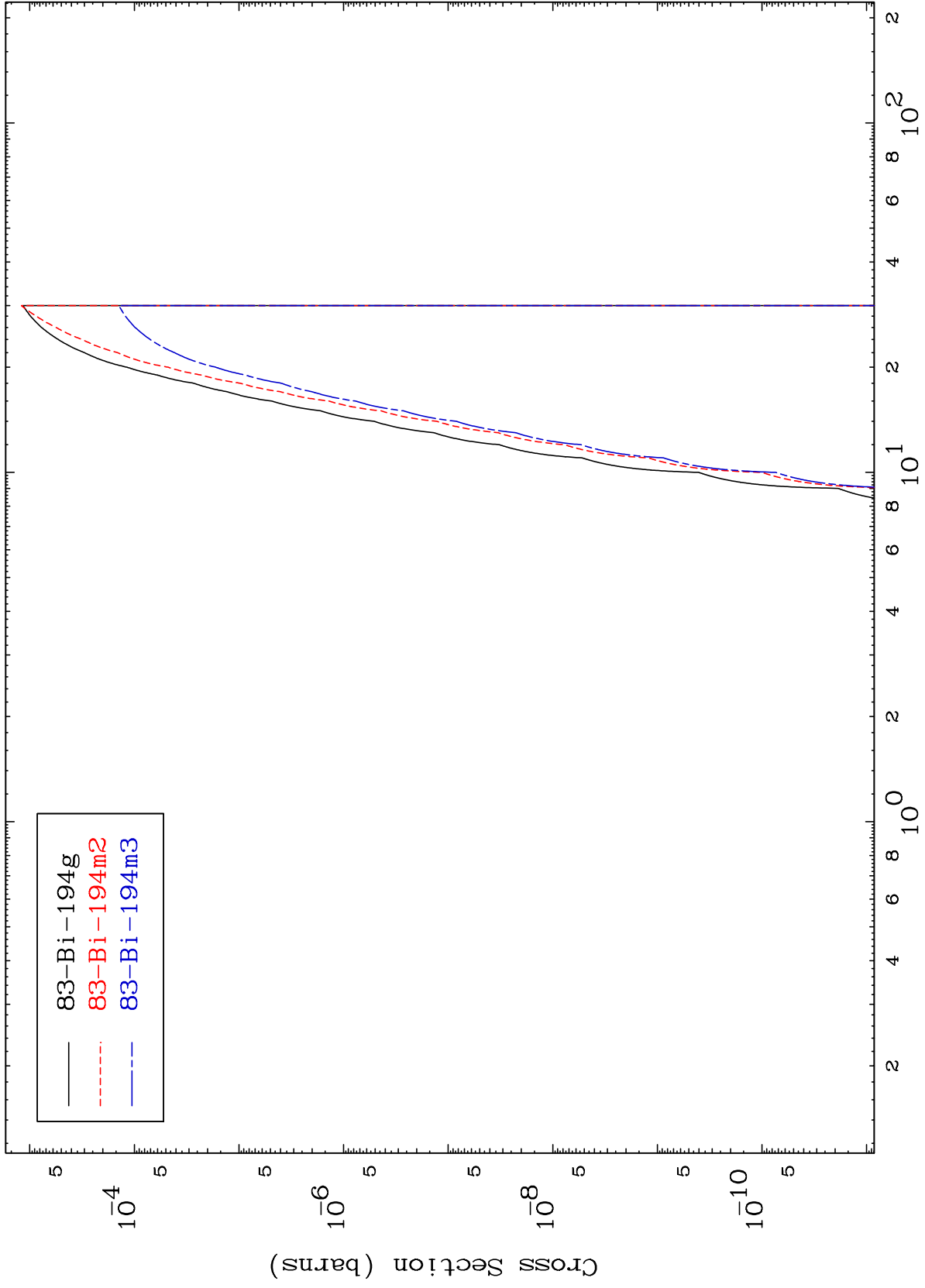


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(d,He-3)

84-Po-195

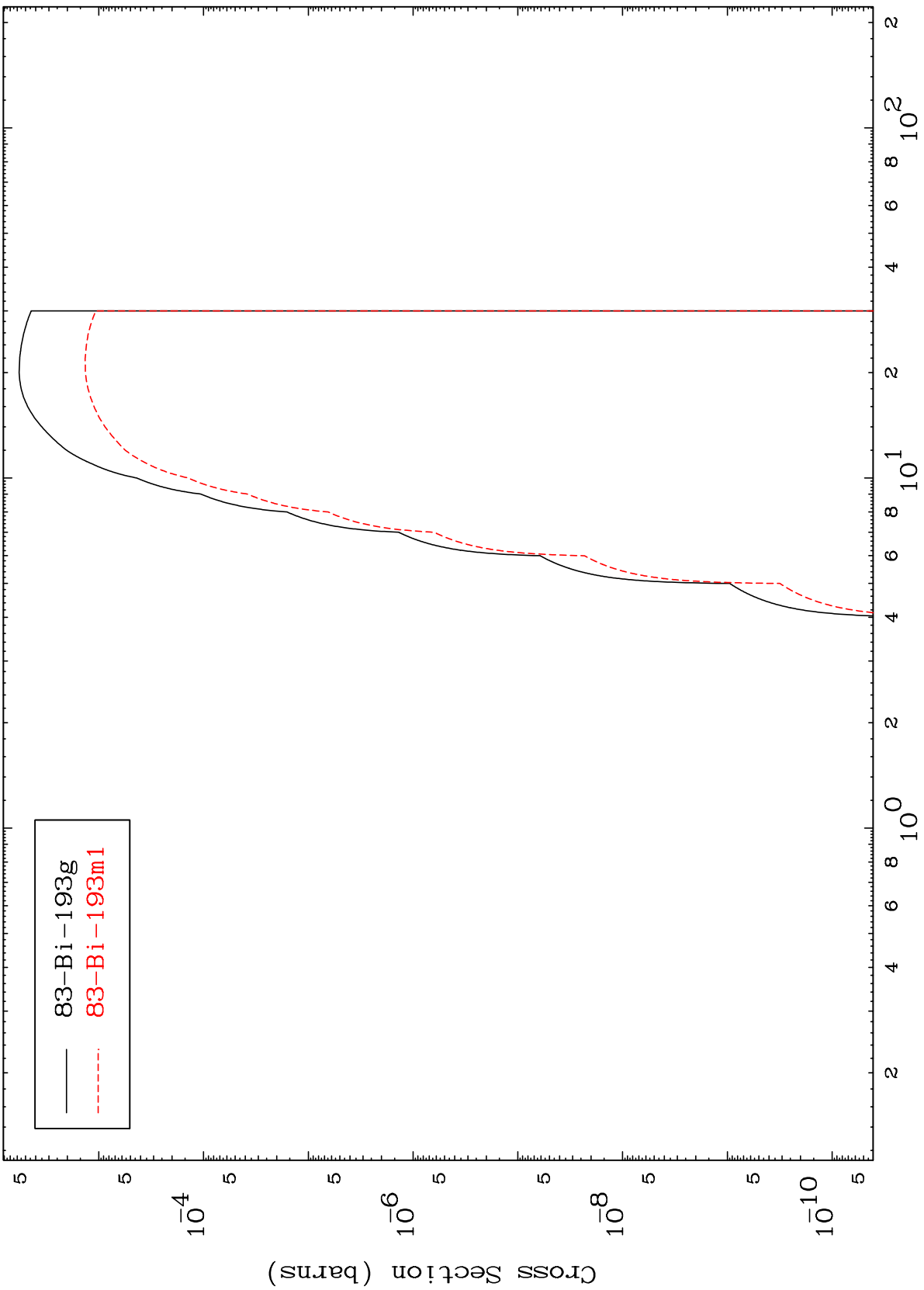
Radionuclide Production Cross Section



MAT 8392

84-Po-195

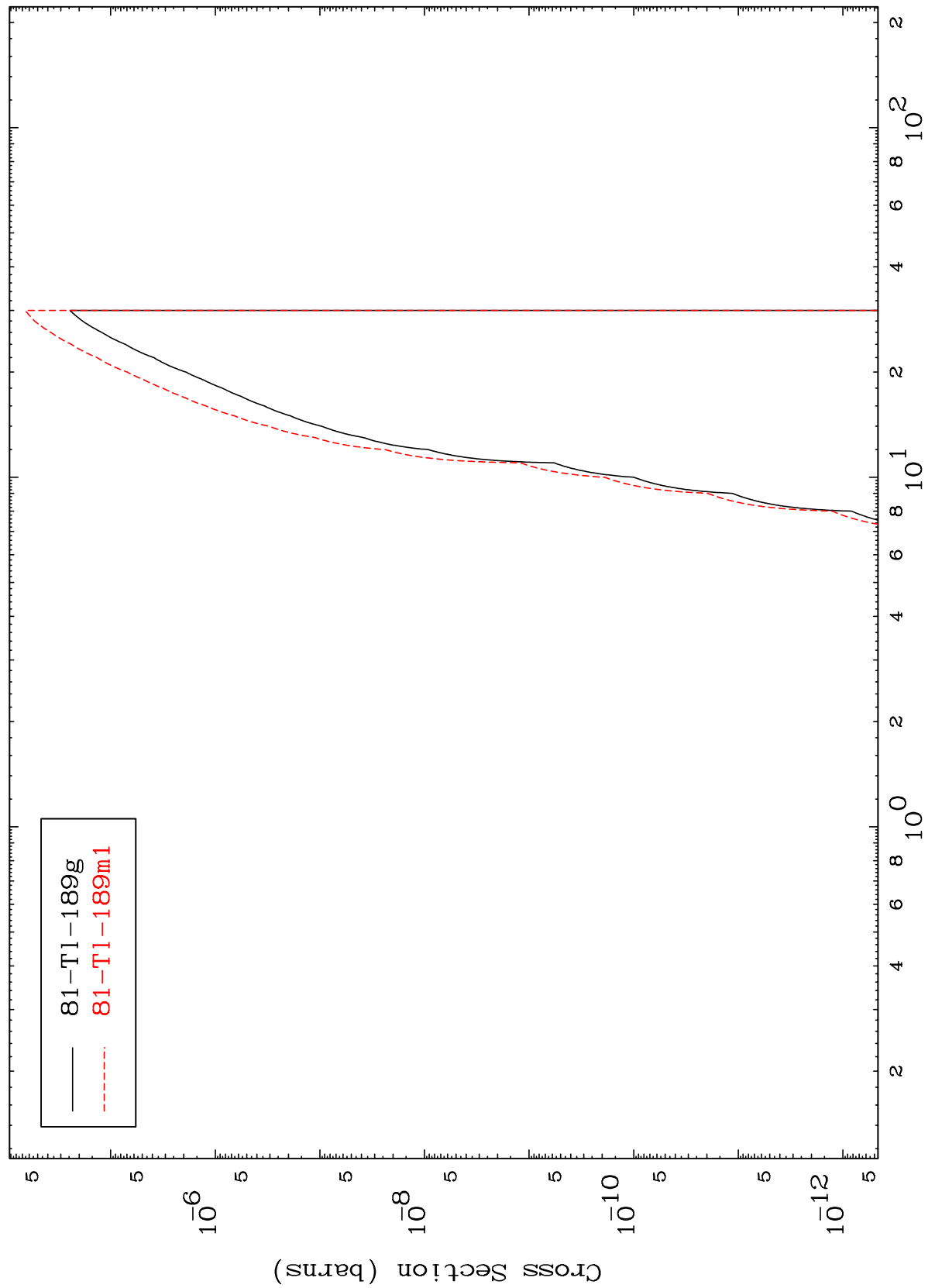
Radionuclide Production Cross Section
(d, α)



MAT 8392

84-Po-195

Radionuclide Production Cross Section
(d,2 α)



84-Po-195

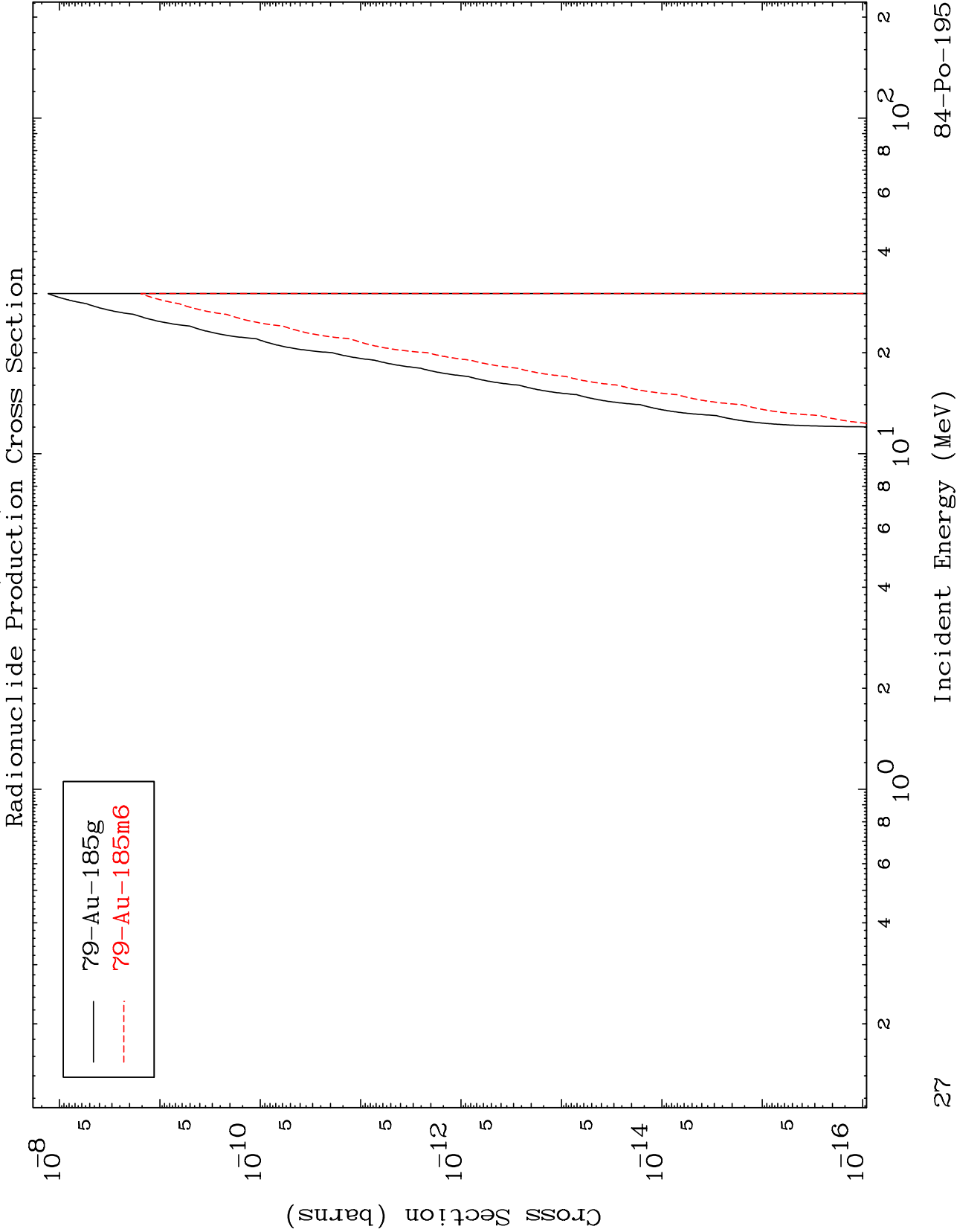
Incident Energy (MeV)

26

MAT 8392

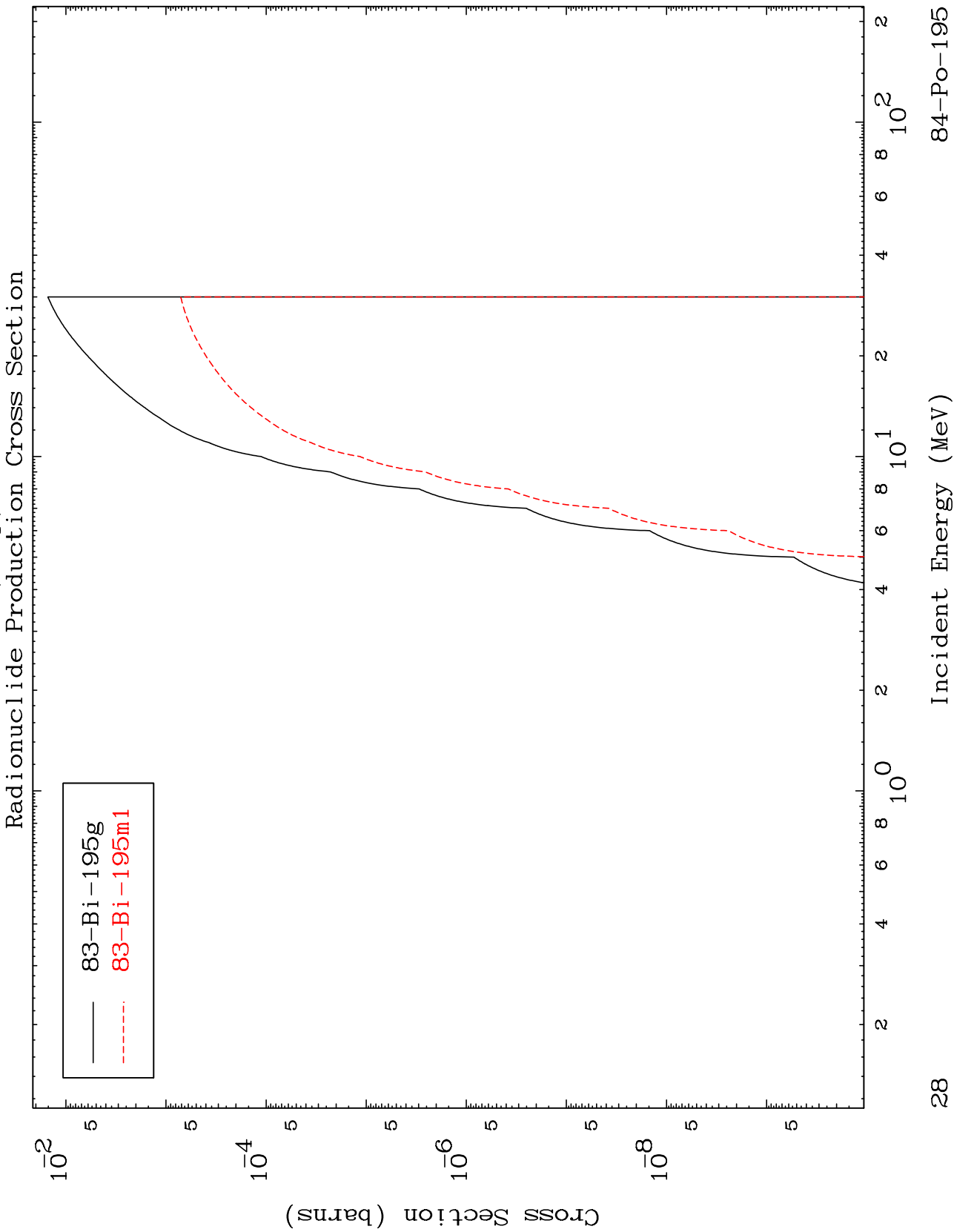
(d,3 α)

84-Po-195



MAT 8392

84-Po-195

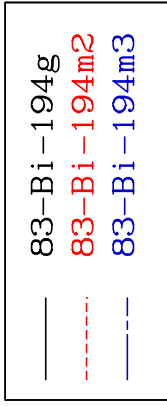
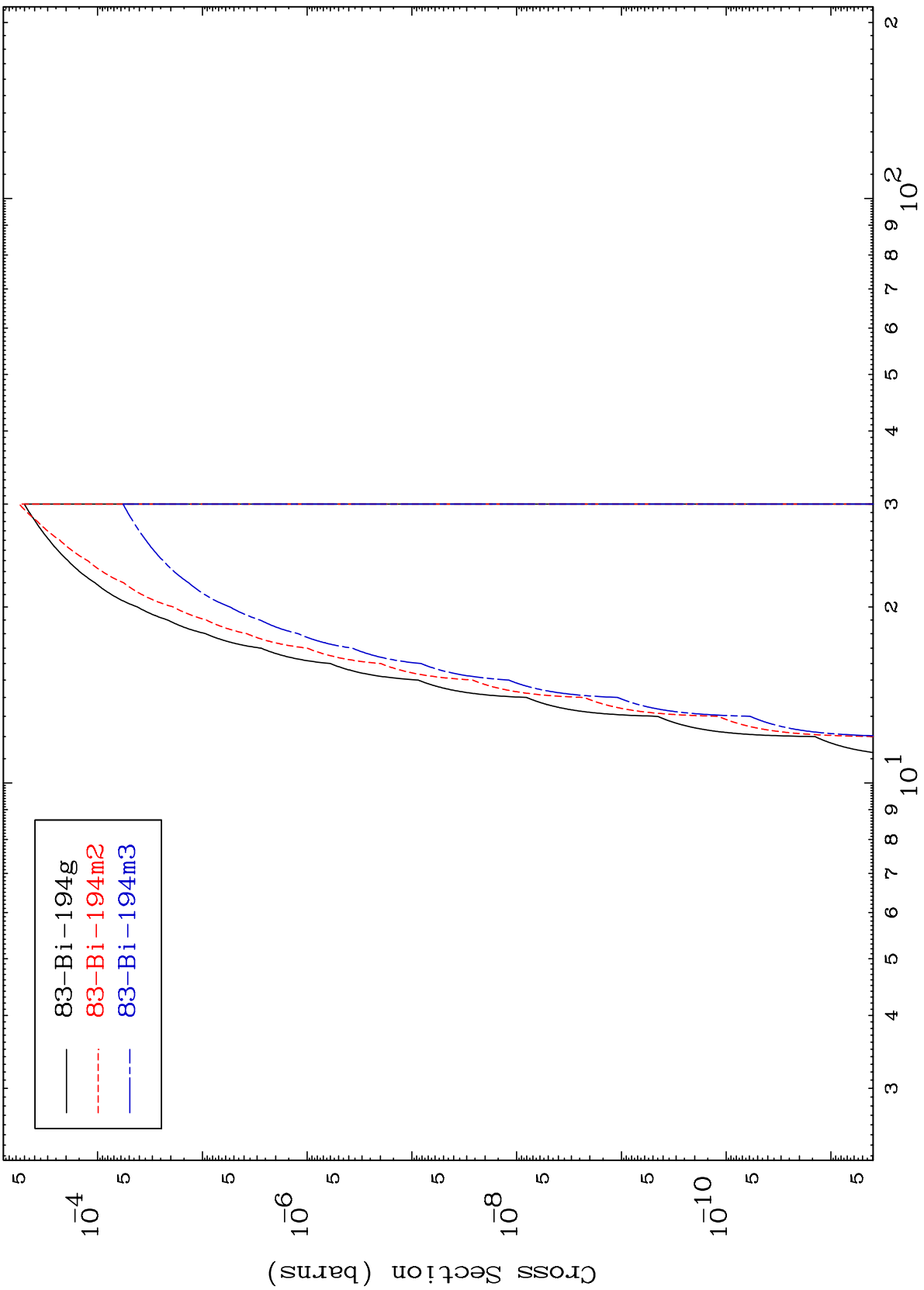


MAT 8392

(d,p) d

84-Po-195

Radionuclide Production Cross Section

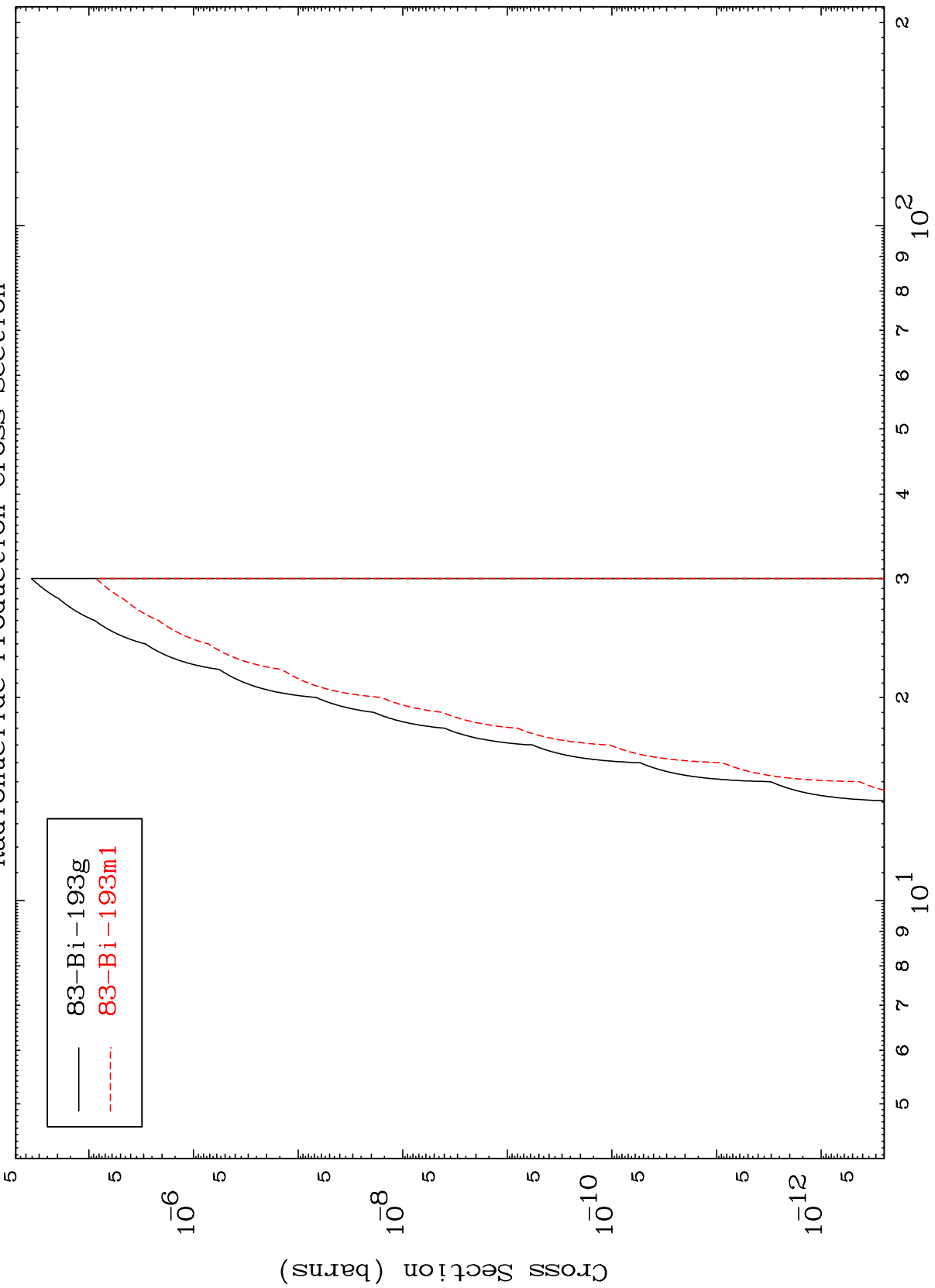


MAT 8392

(d,p) t

84-Po-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

30

Incident Energy (MeV)

84-Po-195

MAT 8392

(d,d) α

84-Po-195

Radionuclide Production Cross Section

