

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

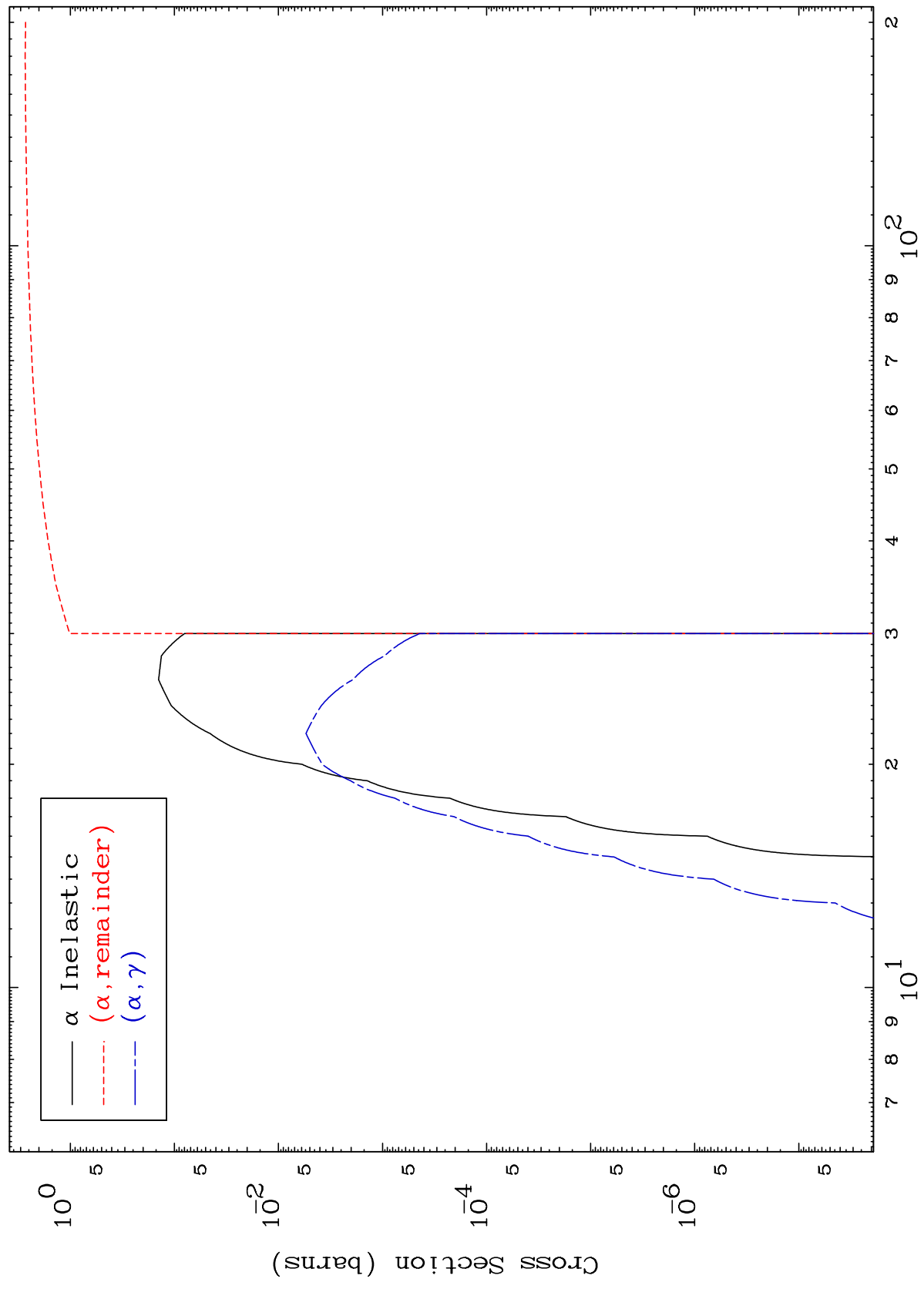
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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Tele: 925-443-1911

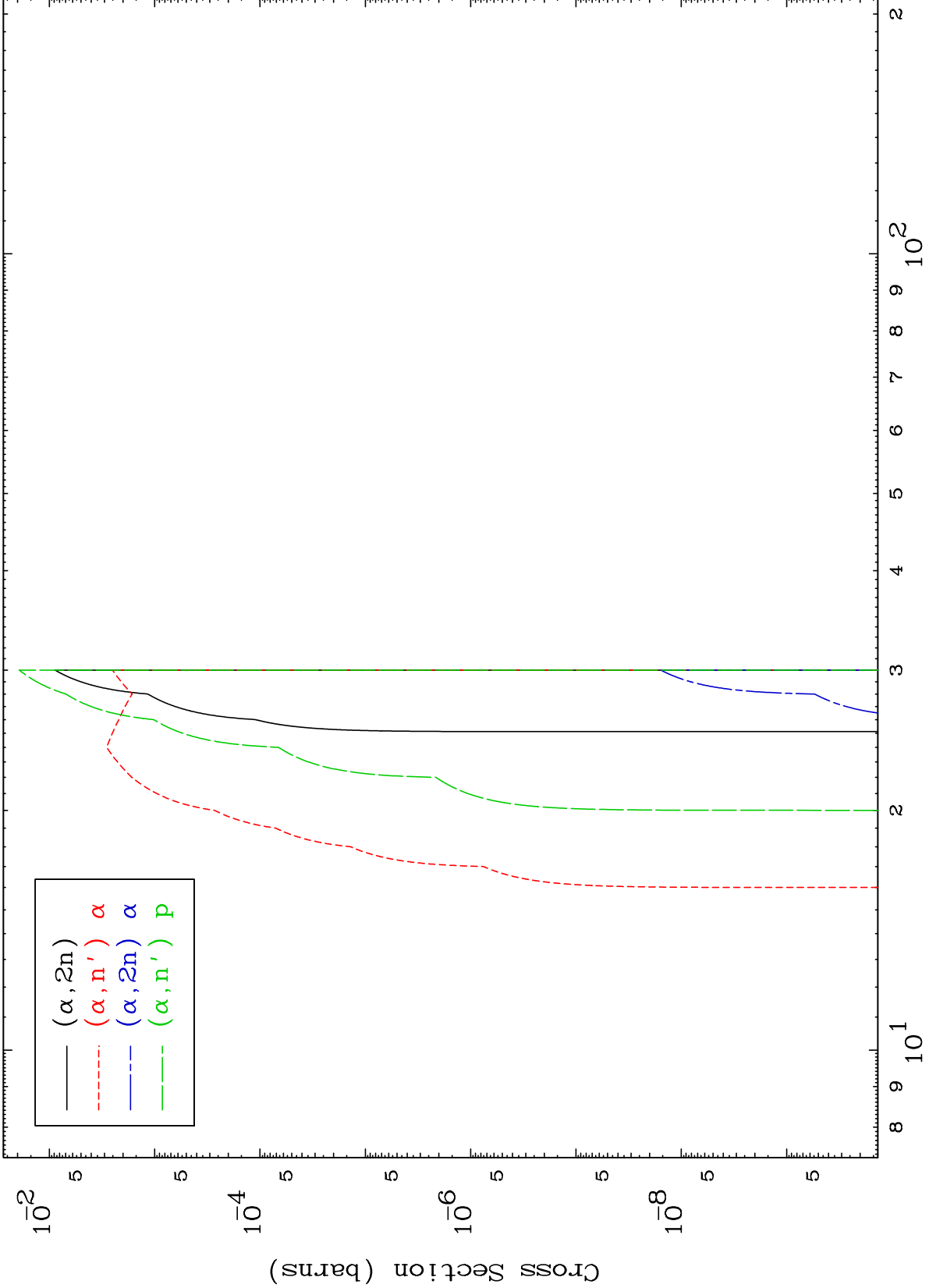
E.Mail: redcullen1@comcast.net

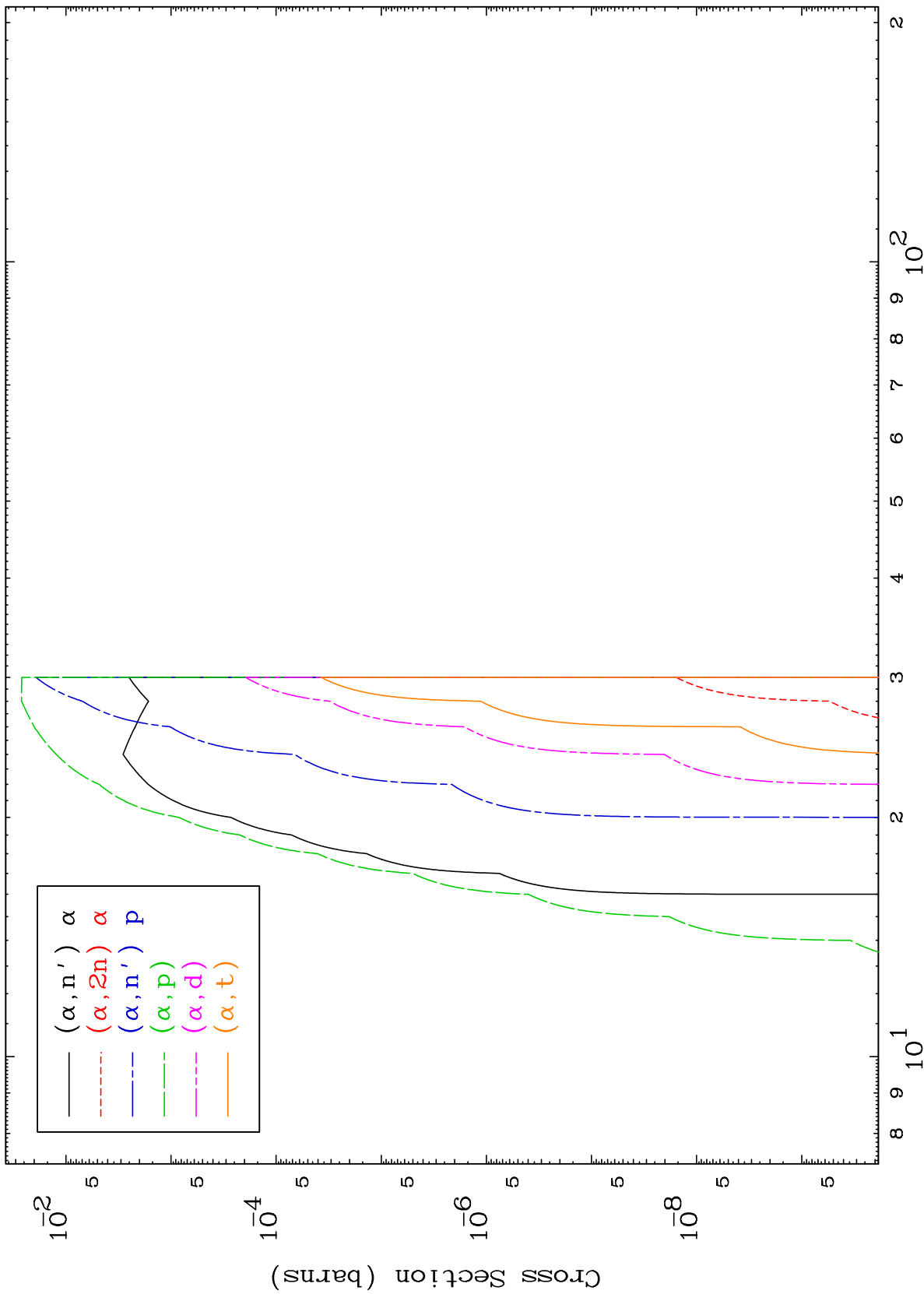
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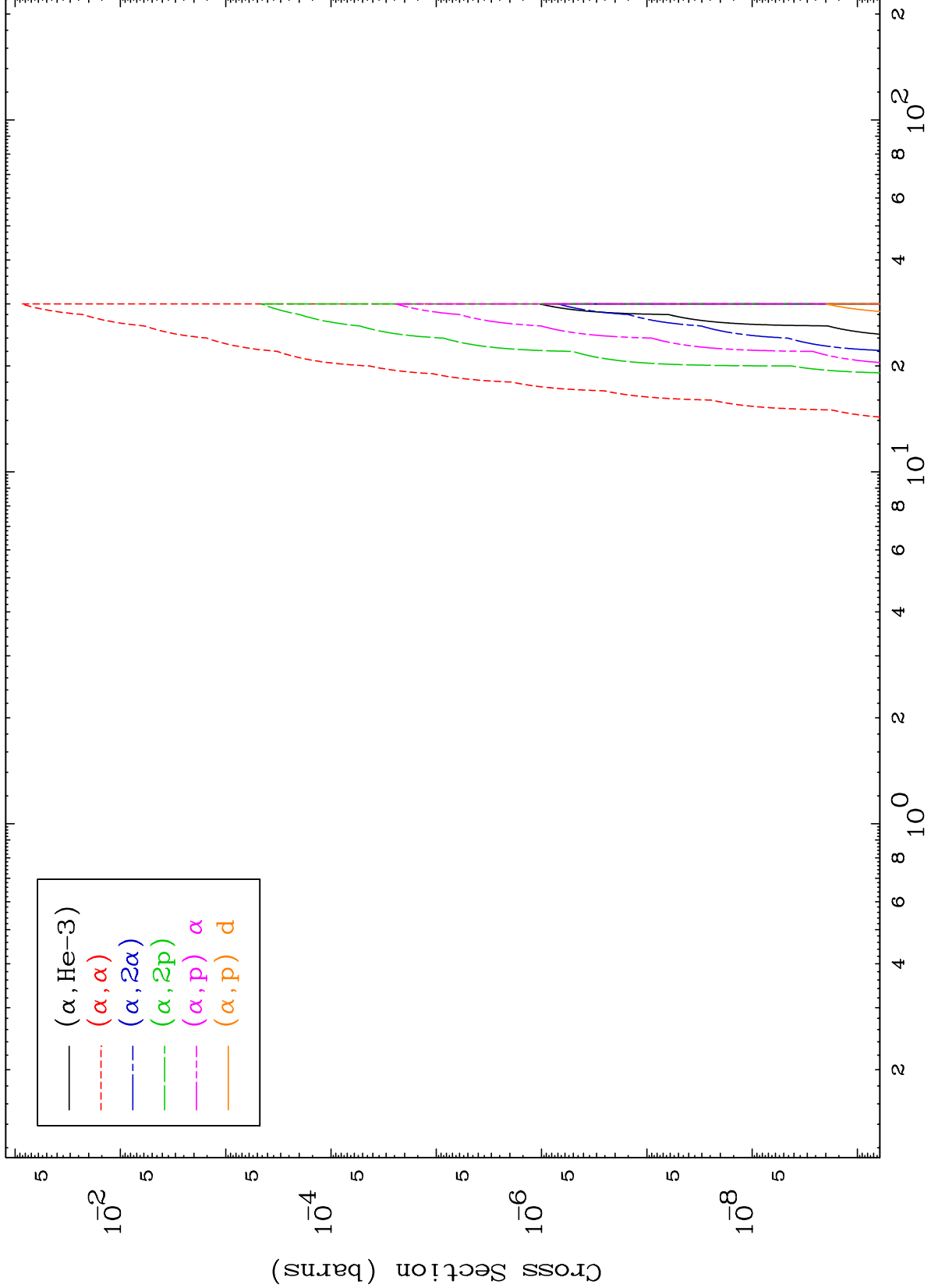
Press Mouse Button to Start



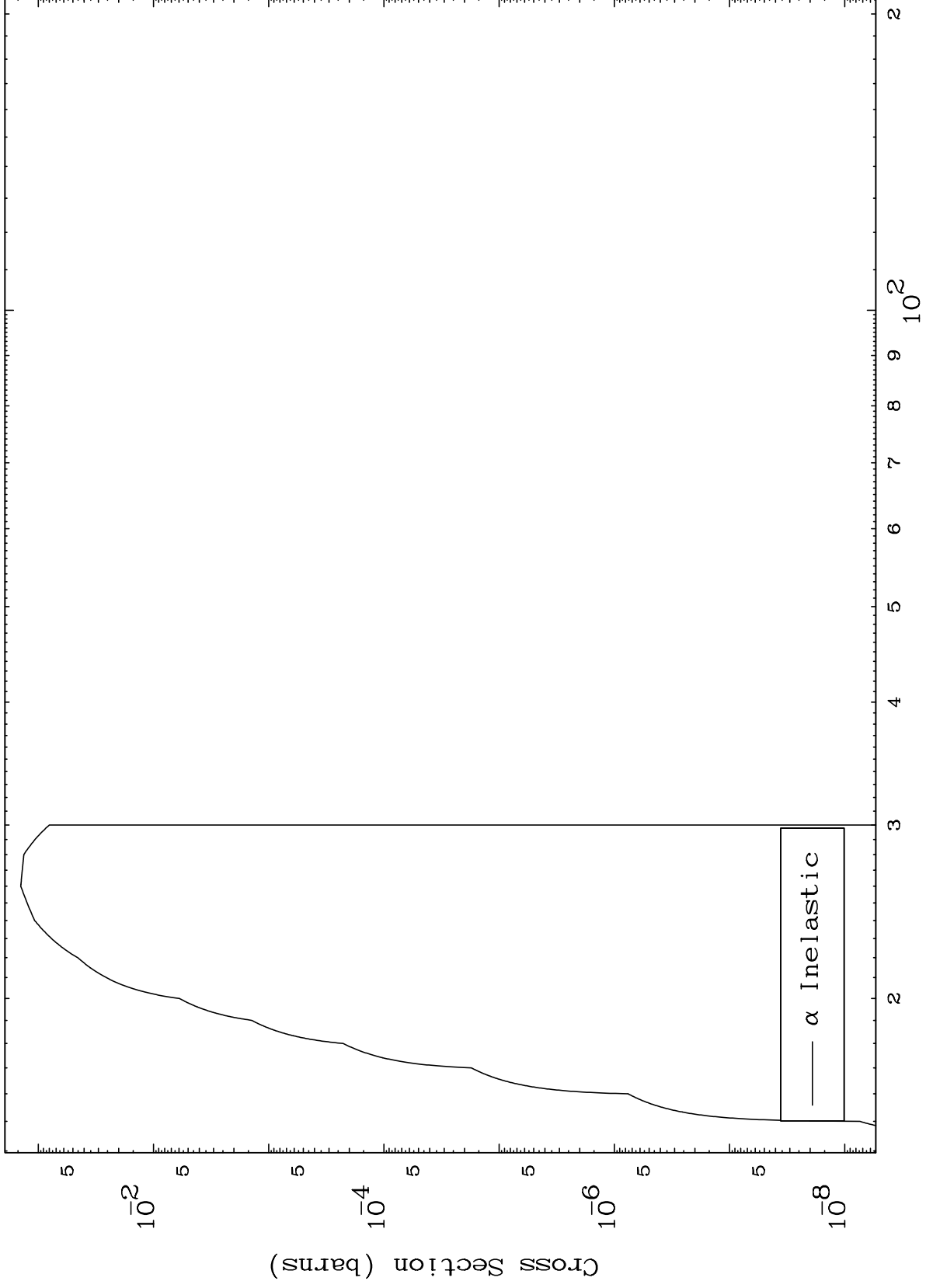
α Inelastic
 α , remainder
 α , γ







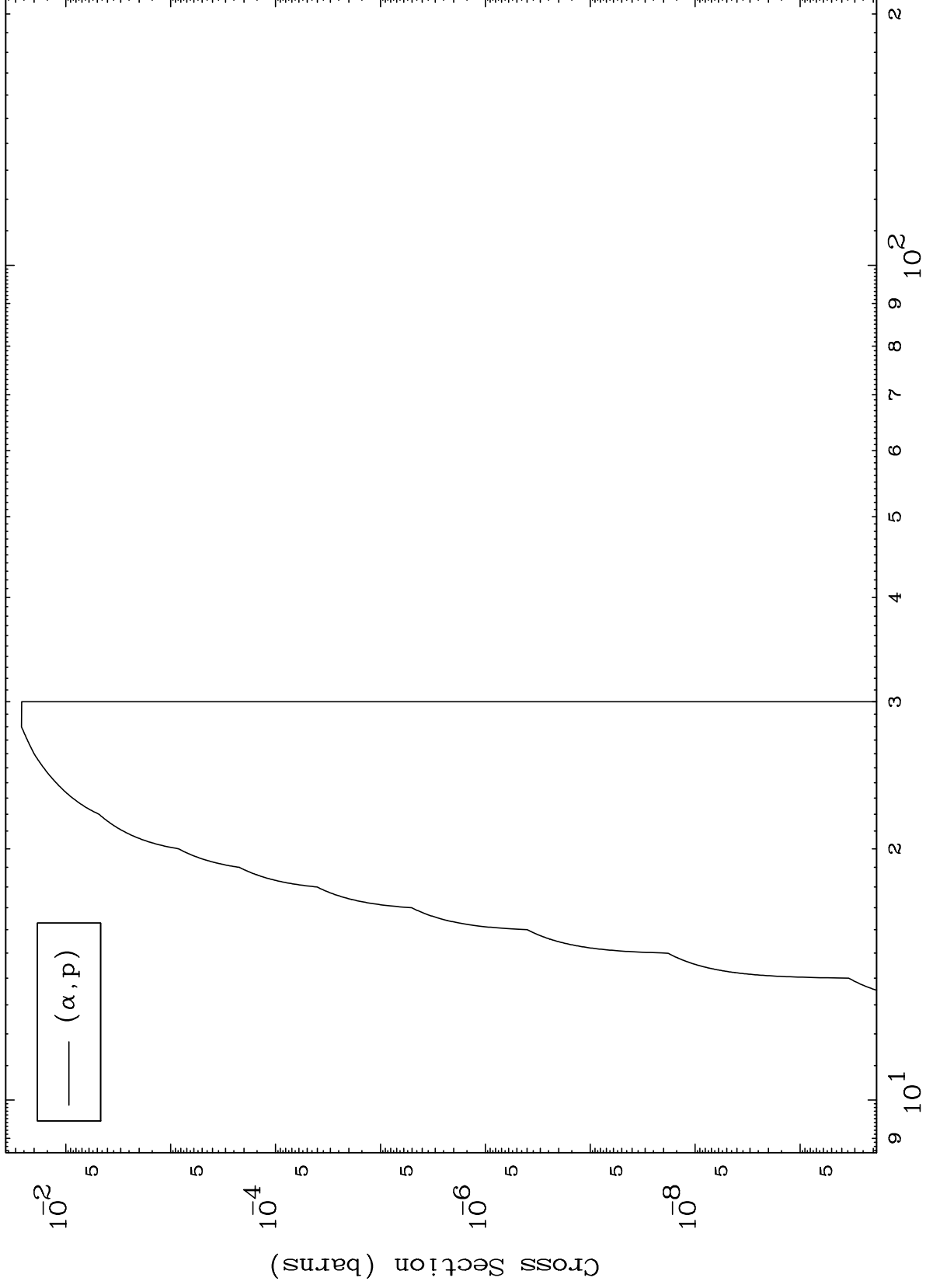
0 Kelvin Cross Sections



MAT 8193

(α, p) Levels
0 Kelvin Cross Sections

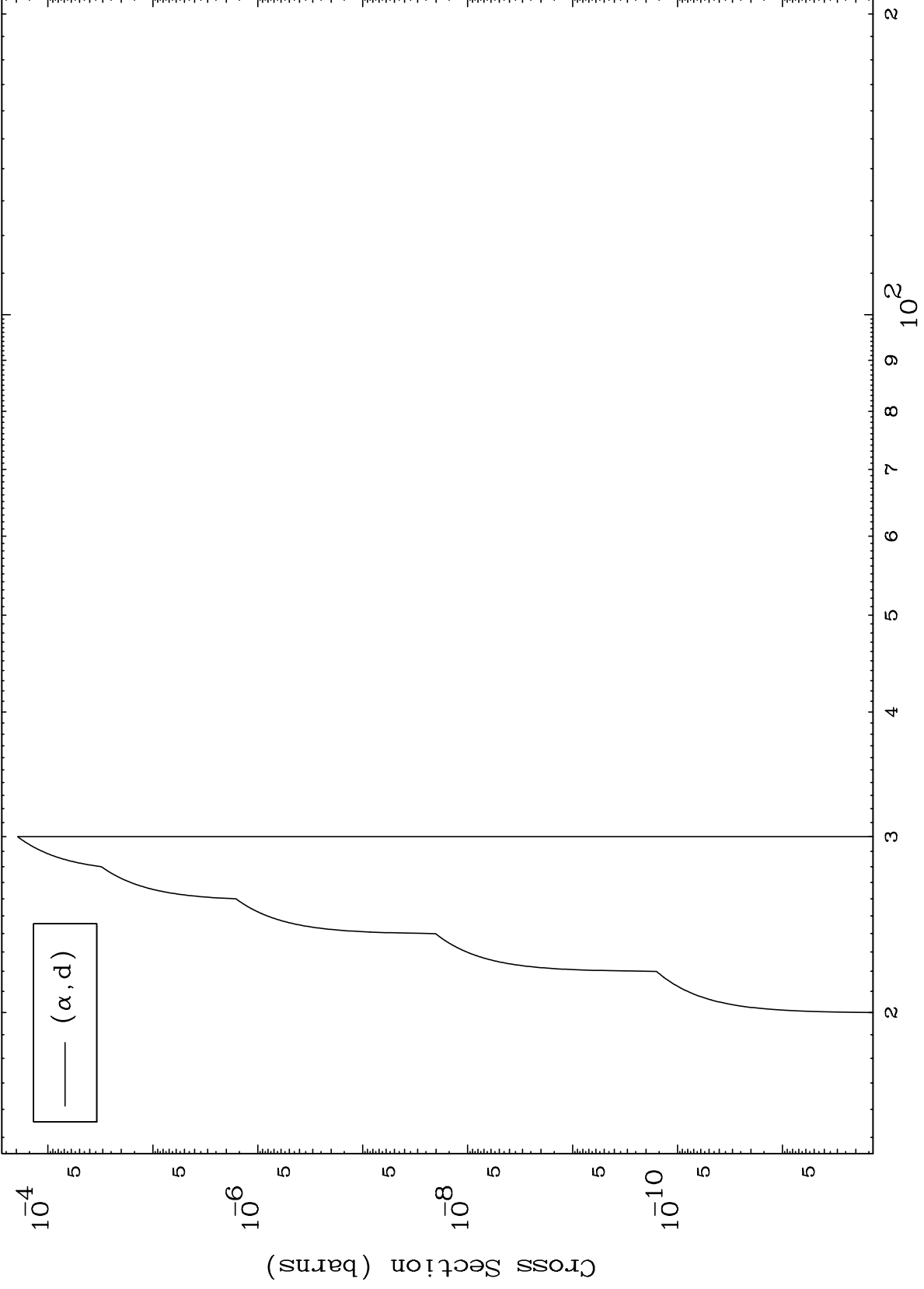
82-Pb-193

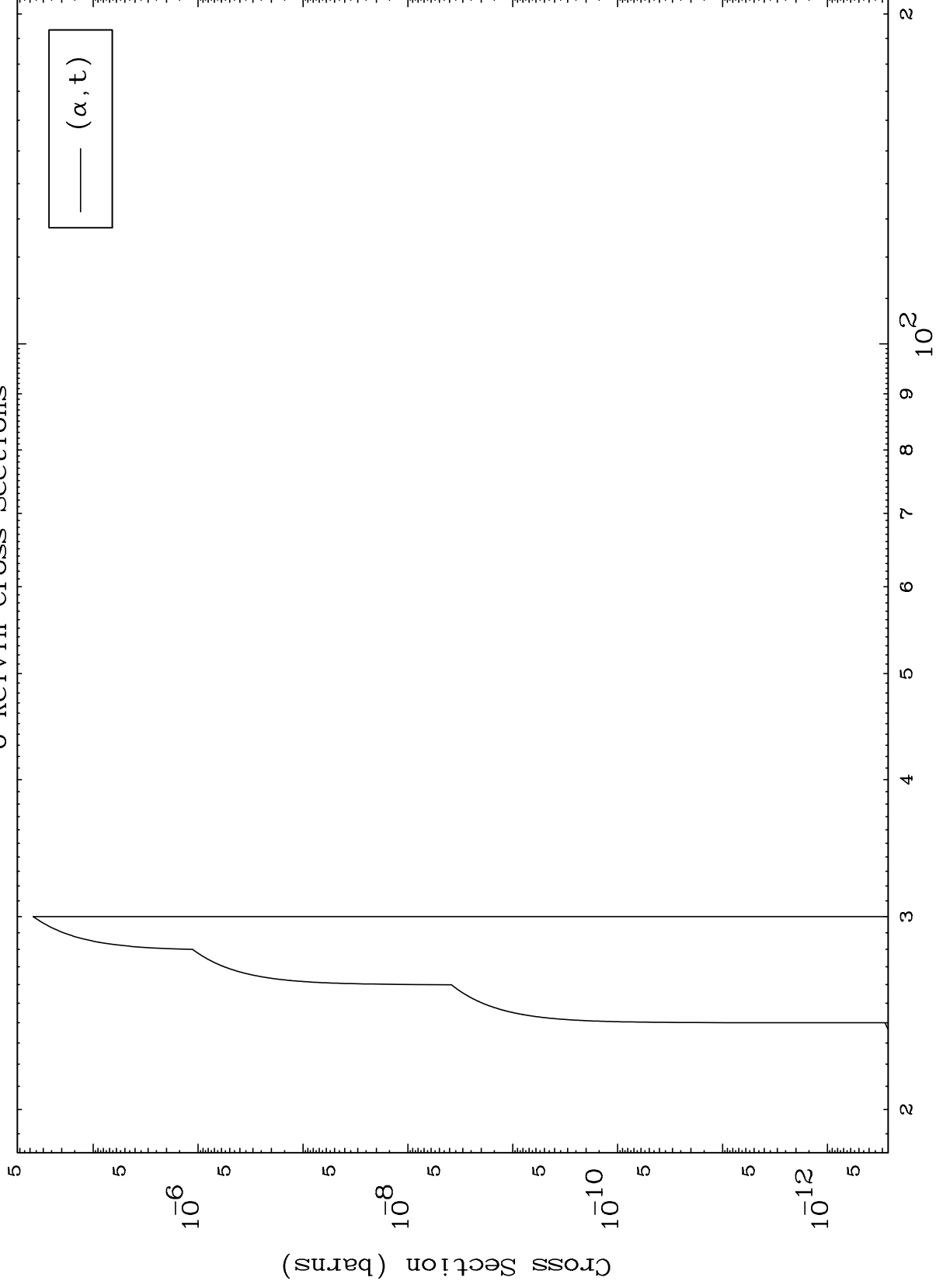


82-Pb-193

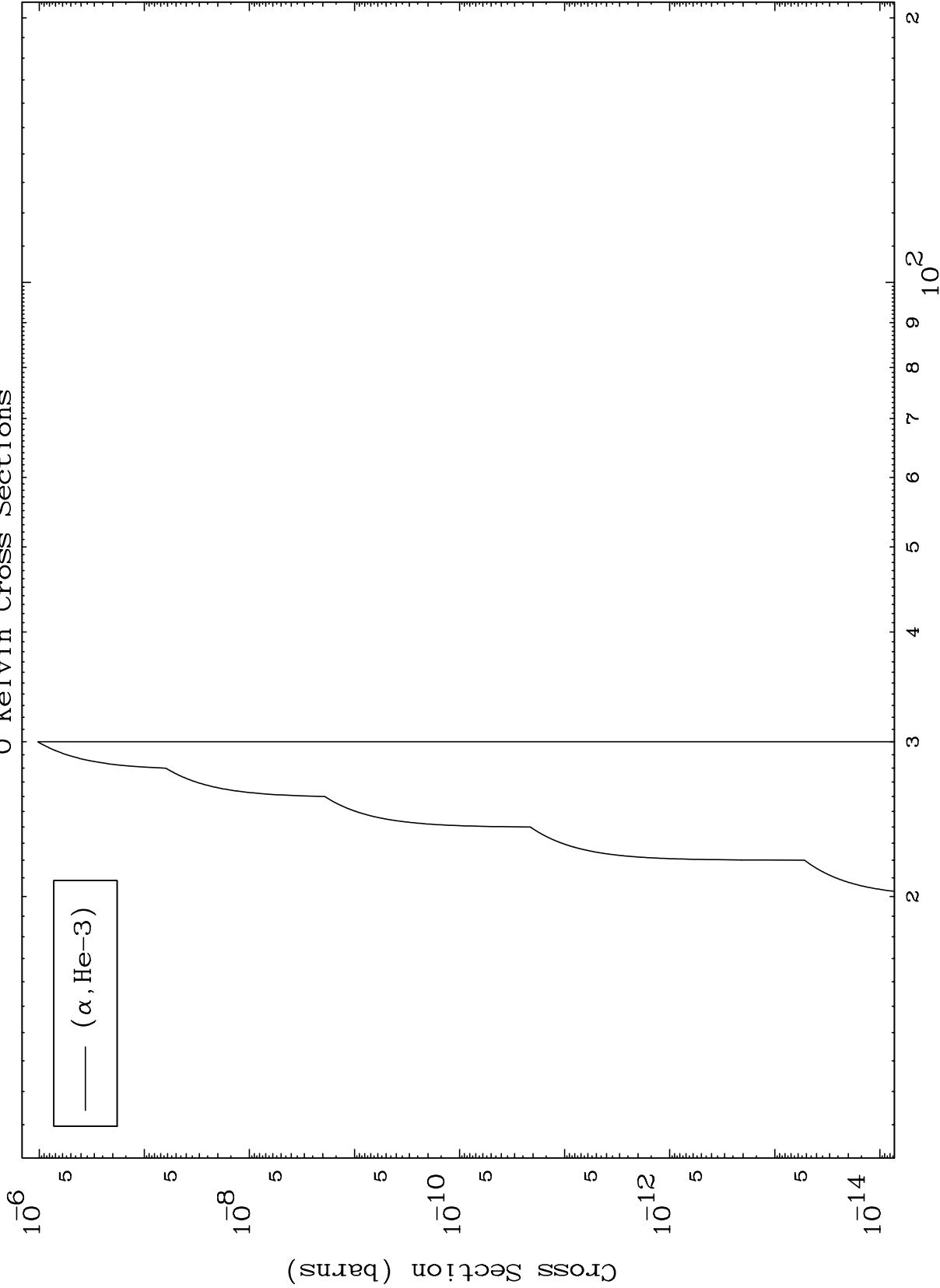
Incident Energy (MeV)

6





(α , He3) Levels
0 Kelvin Cross Sections

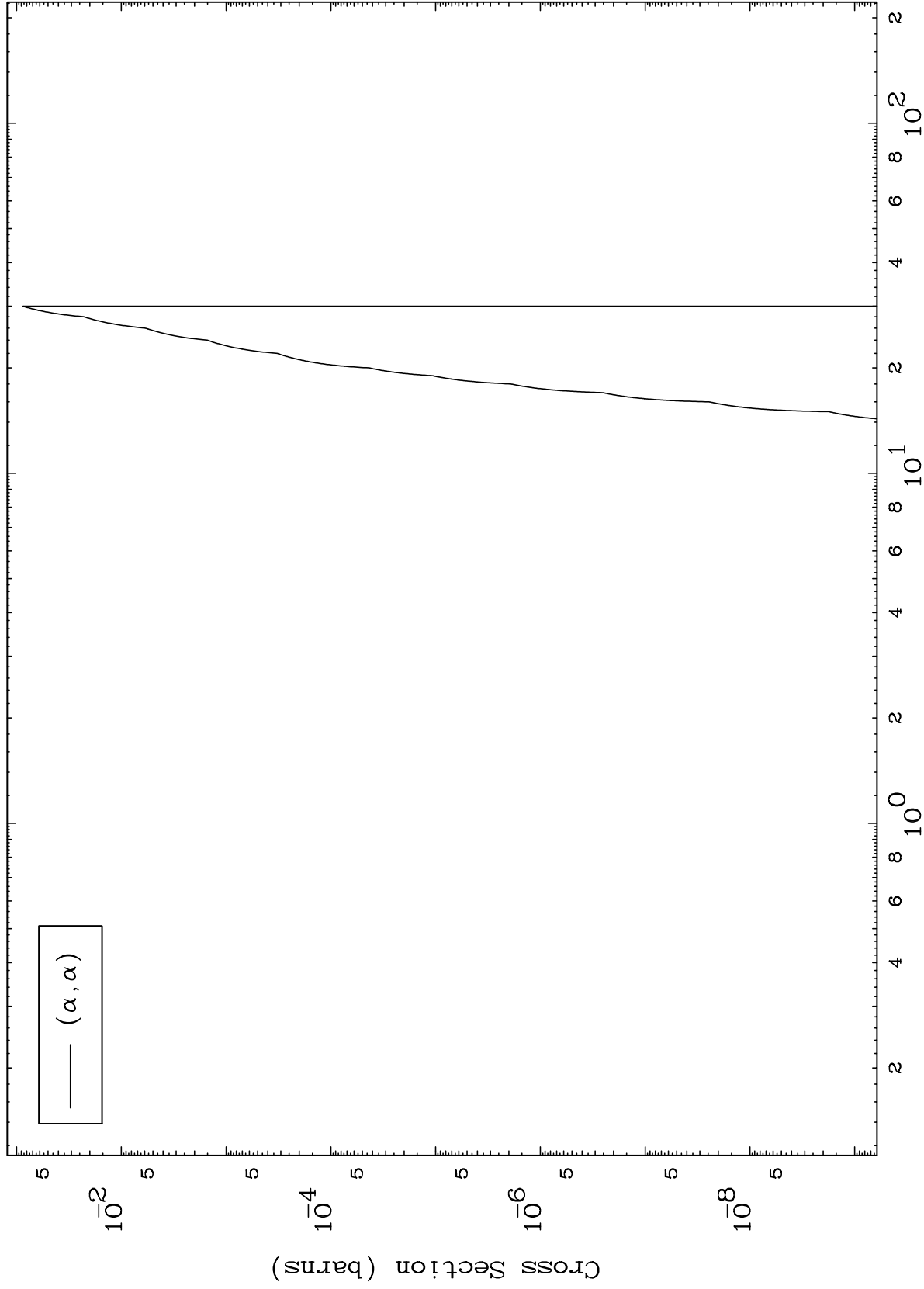


MAT 8193

(α, α) Levels

82-Pb-193

0 Kelvin Cross Sections



10

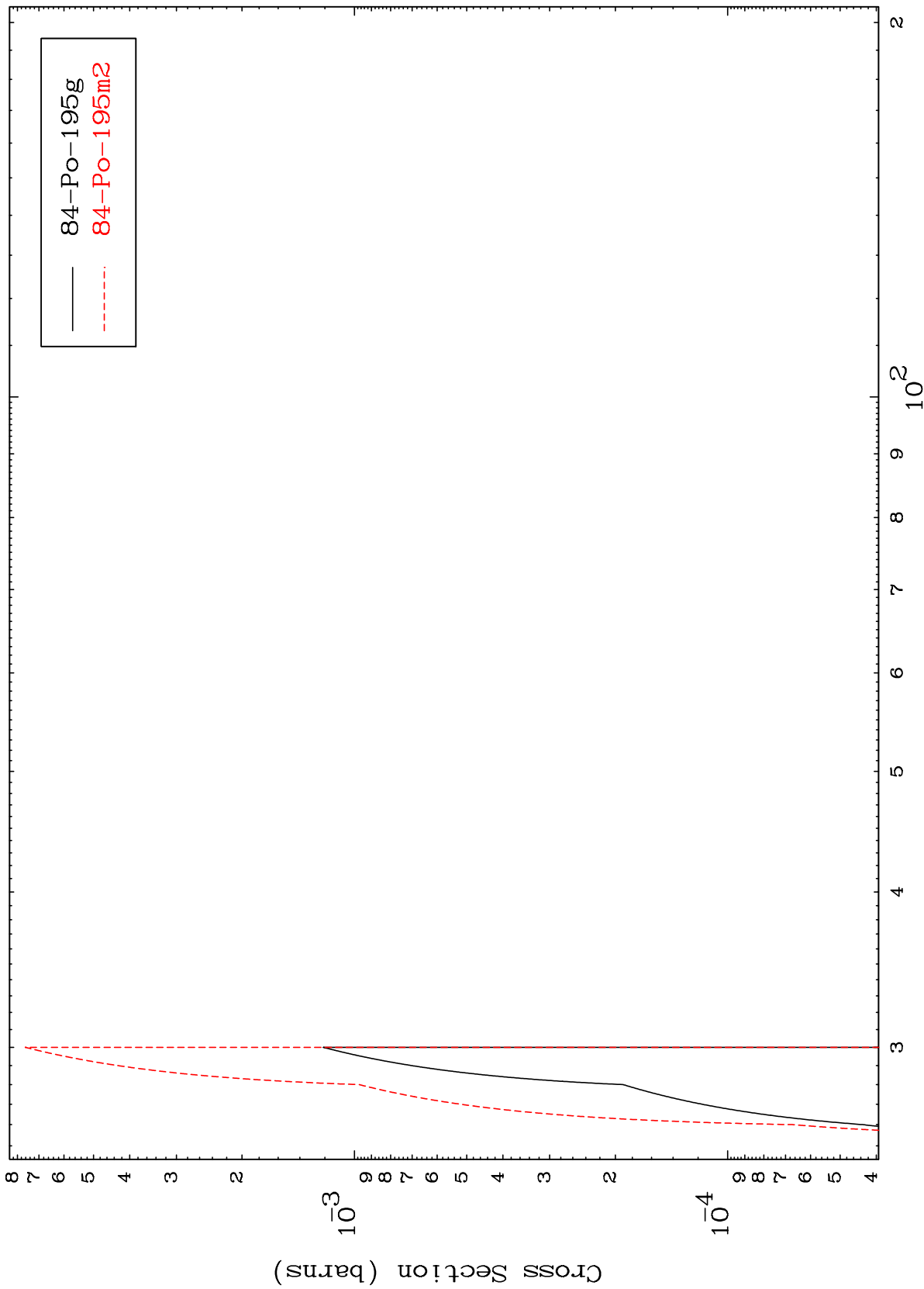
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

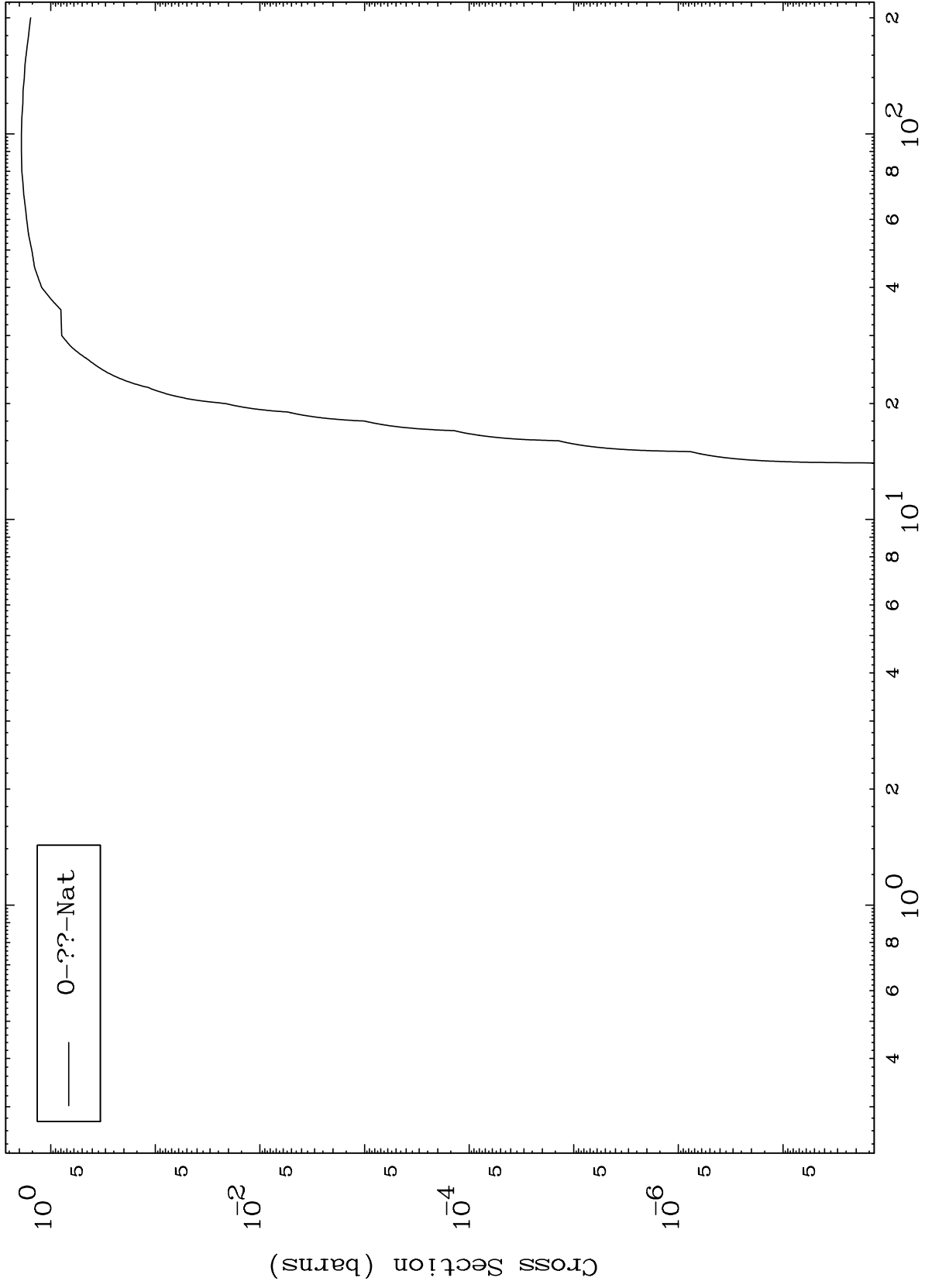
$(\alpha, 2n)$
Radionuclide Production Cross Section



MAT 8193

82-Pb-193

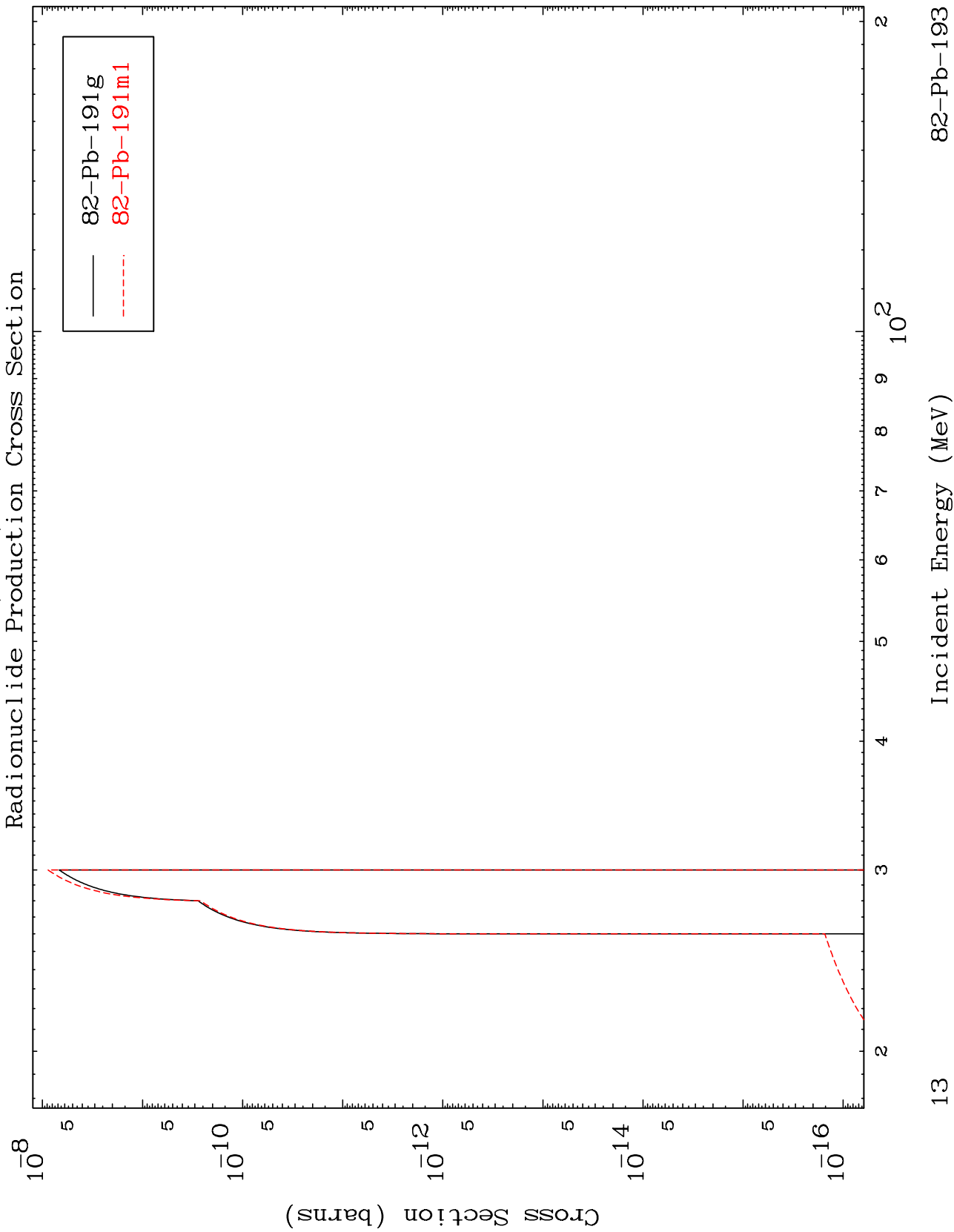
α Fission
Radionuclide Production Cross Section



MAT 8193

$(\alpha, 2n) \alpha$

82-Pb-193



13

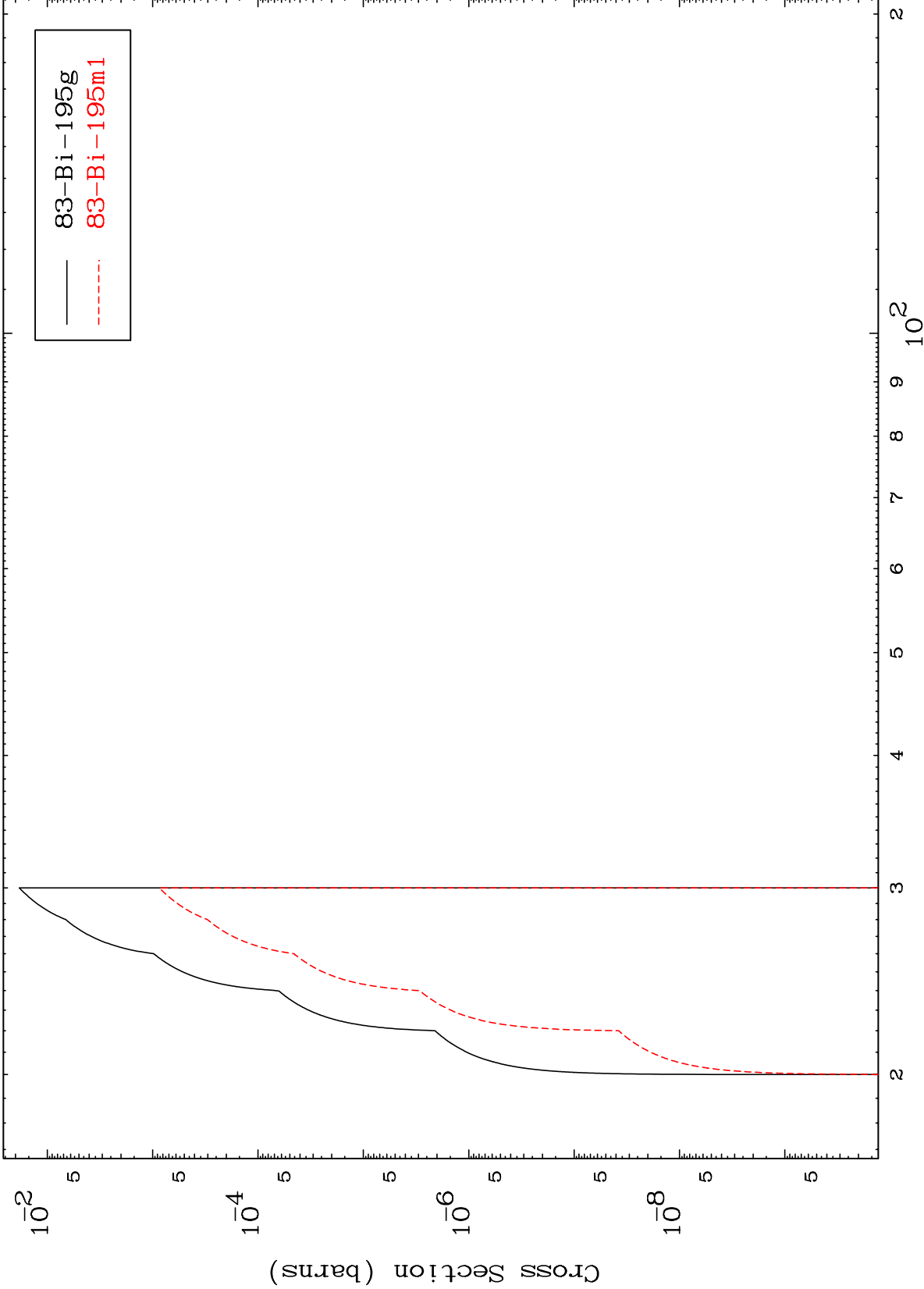
82-Pb-193

MAT 8193

(α, n') p

82-Pb-193

Radionuclide Production Cross Section

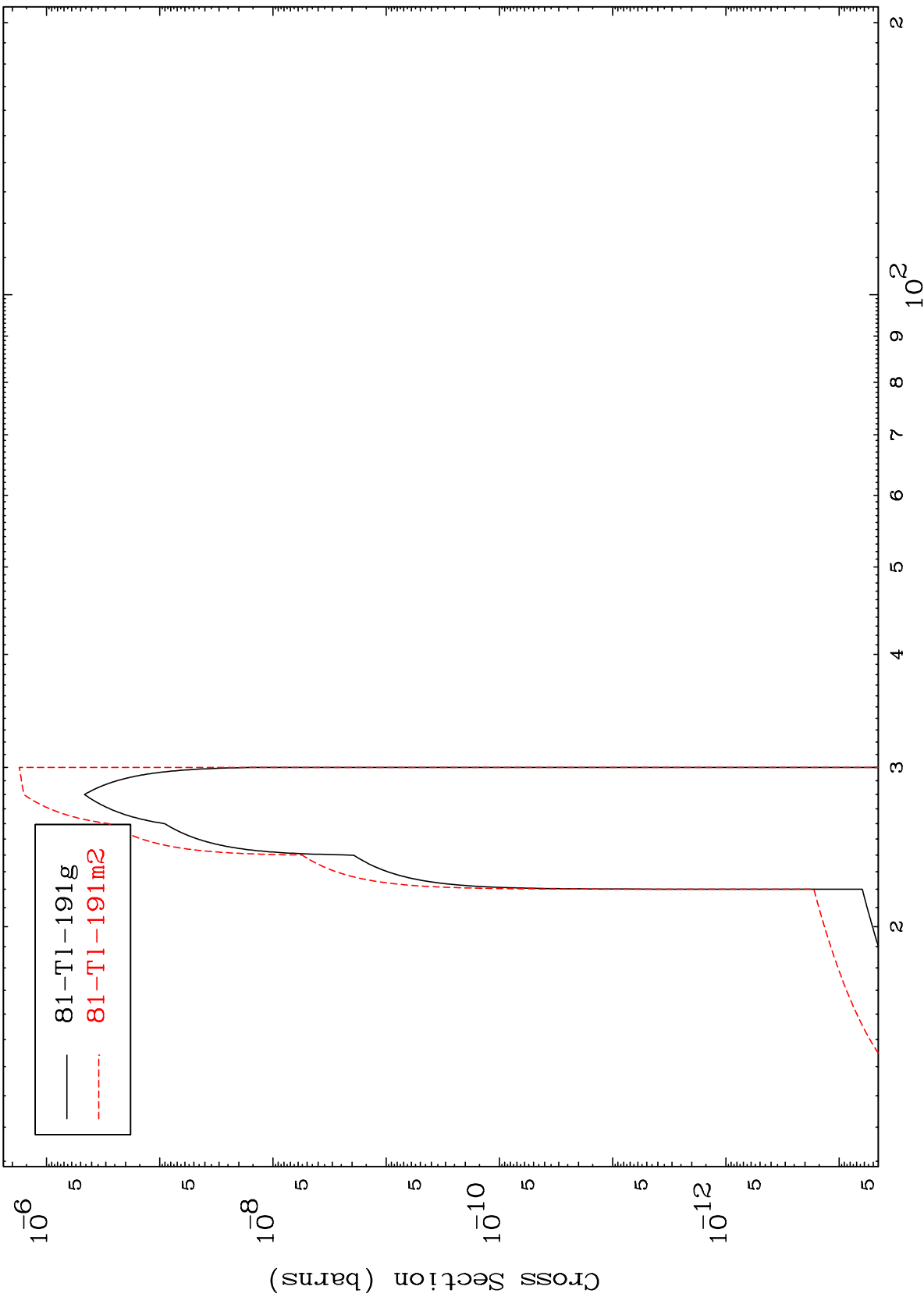


14

Incident Energy (MeV)

82-Pb-193

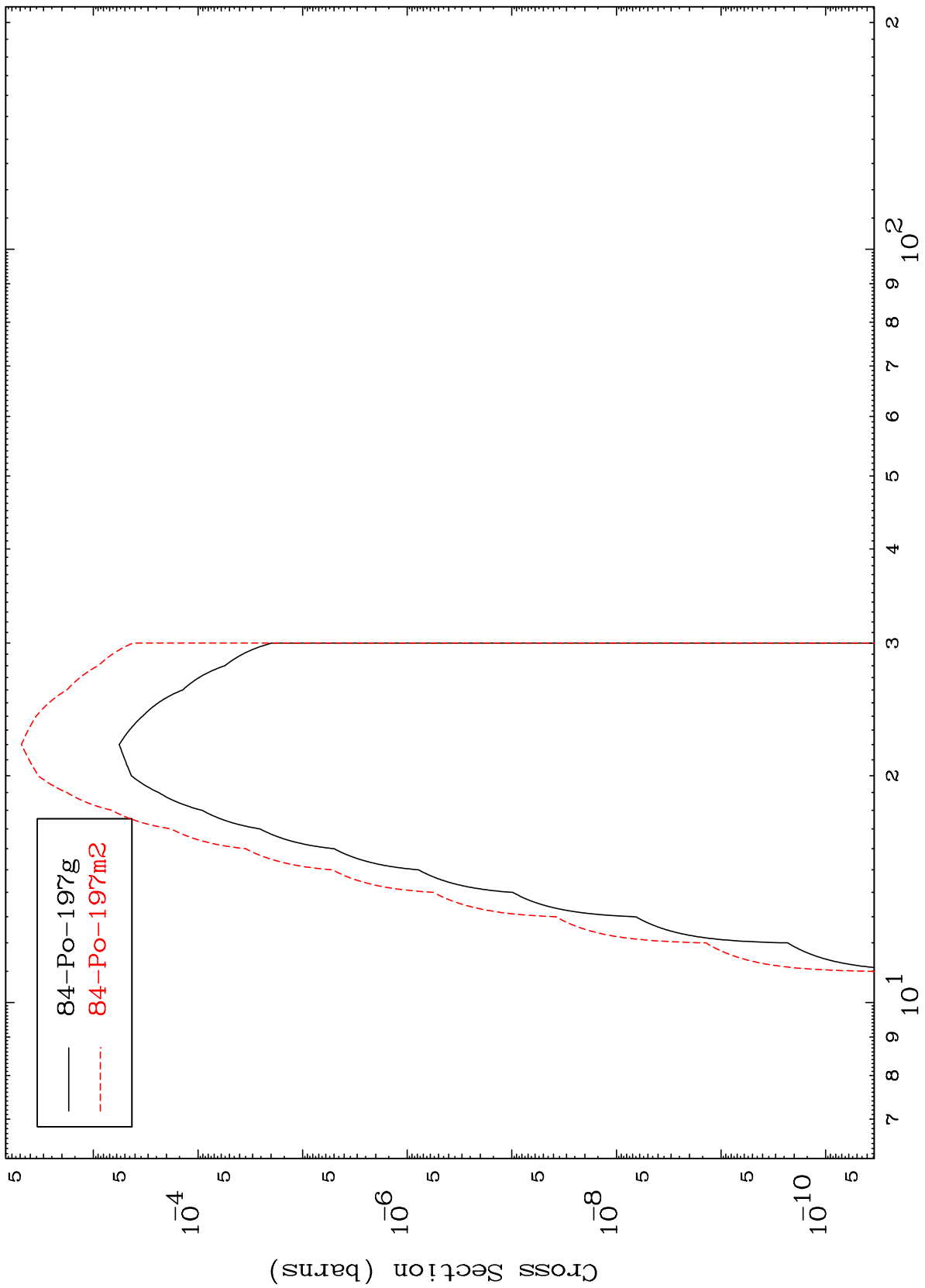
Radionuclide Production Cross Section



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82-Pb-193

(α, γ)
Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

16

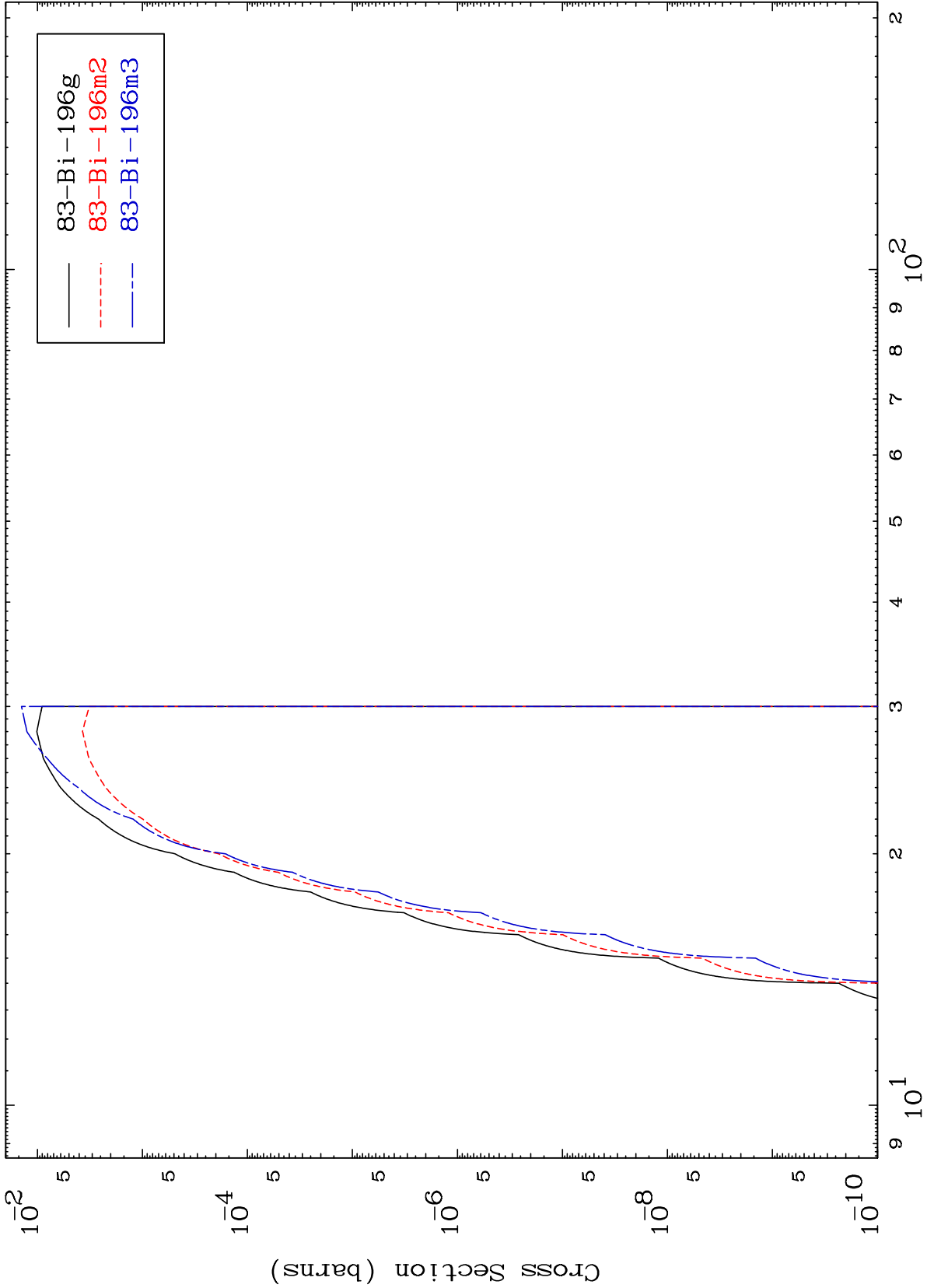
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(α, p)
Radionuclide Production Cross Section

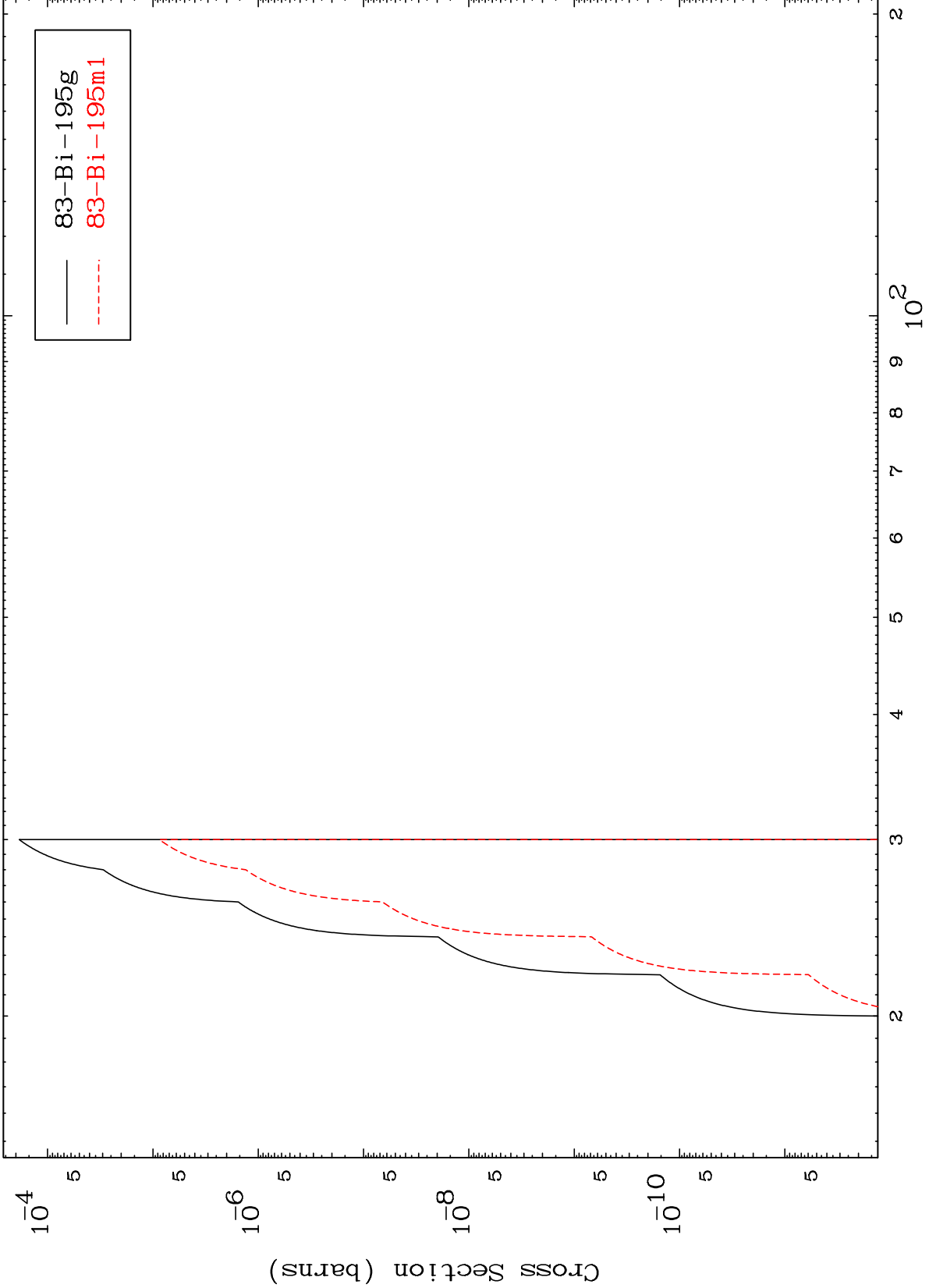


82-Pb-193

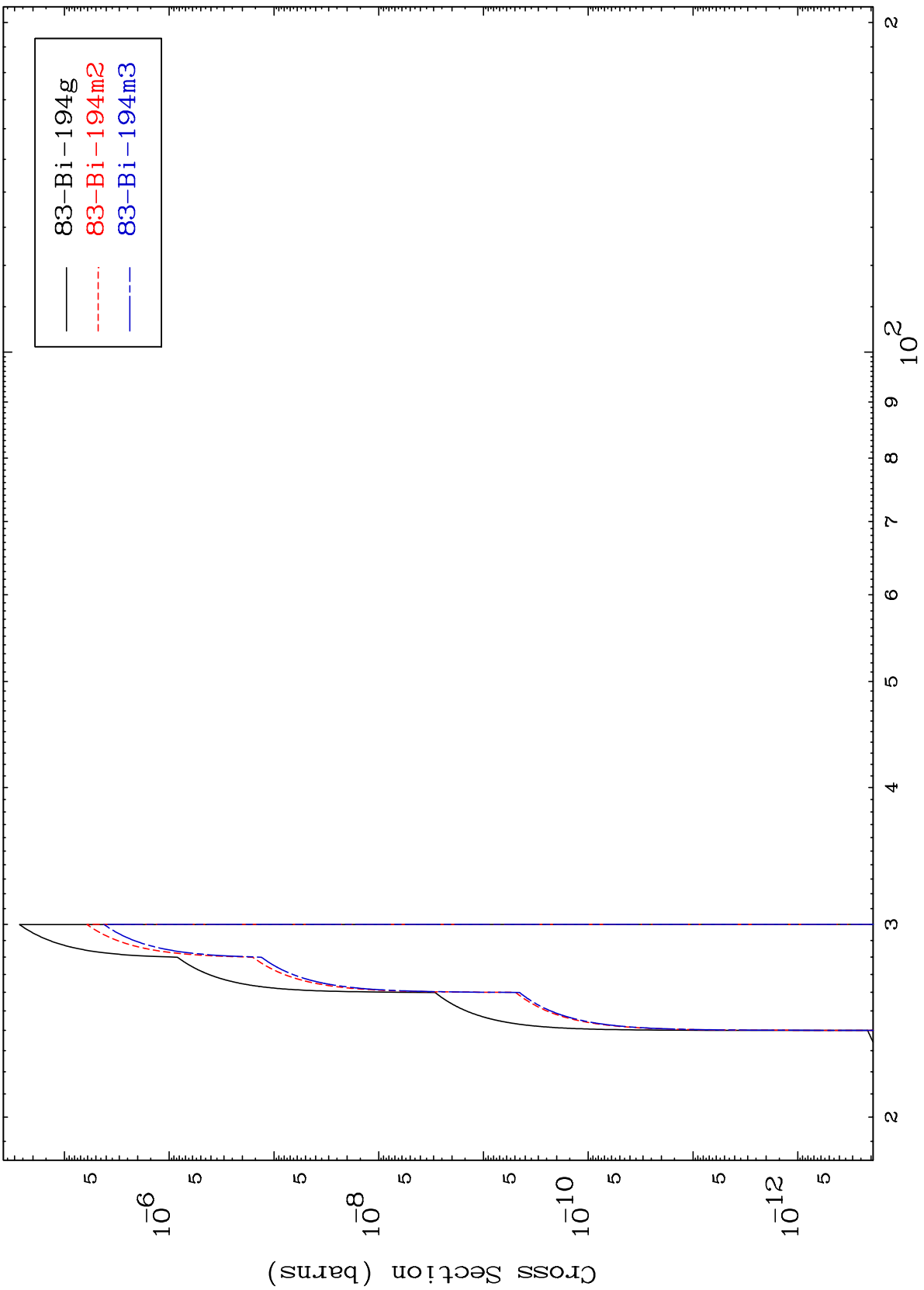
Incident Energy (MeV)

17

Radionuclide Production Cross Section



(α, t)
Radionuclide Production Cross Section

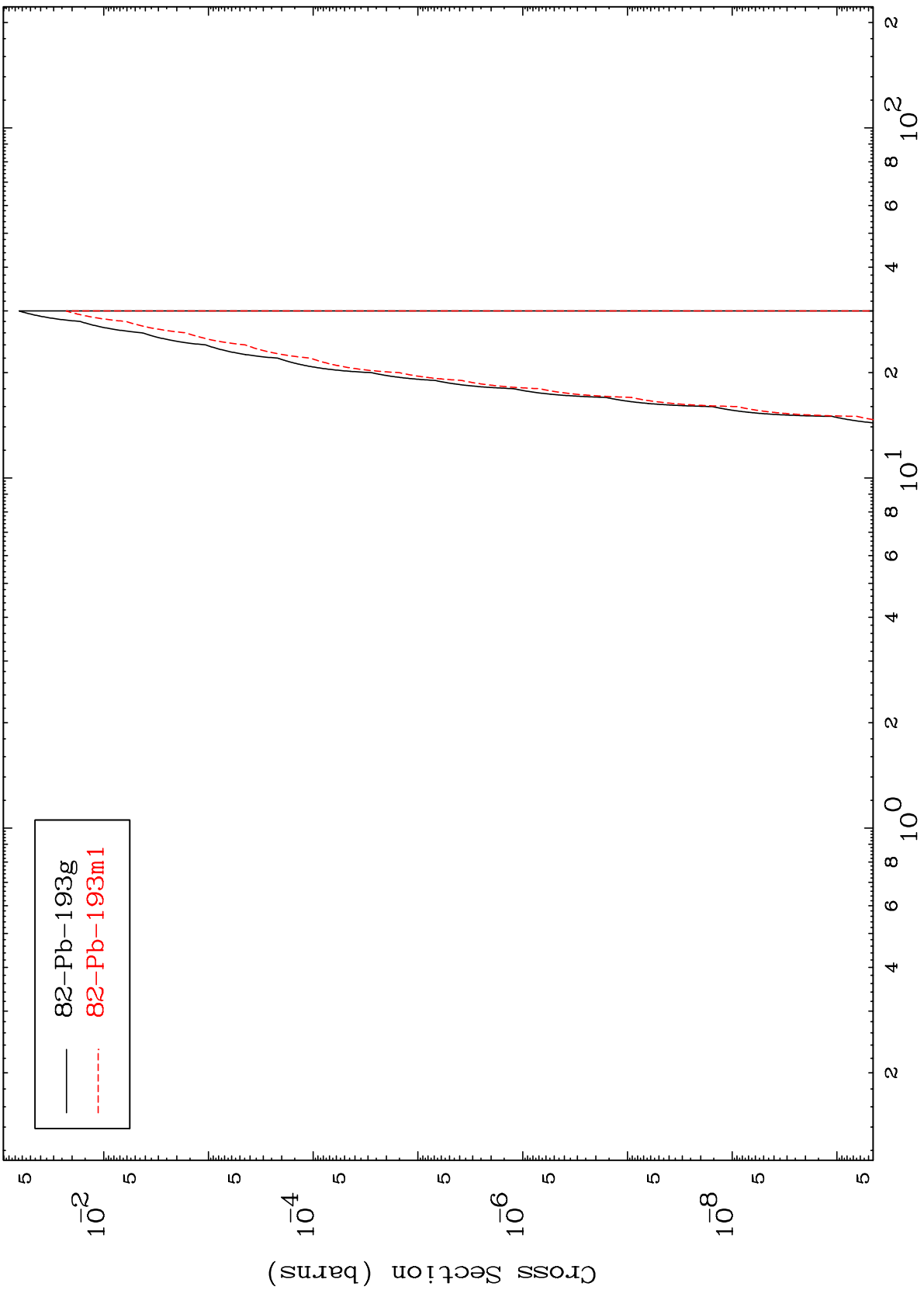


MAT 8193

82-Pb-193

(α, α)

Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

82-Pb-193

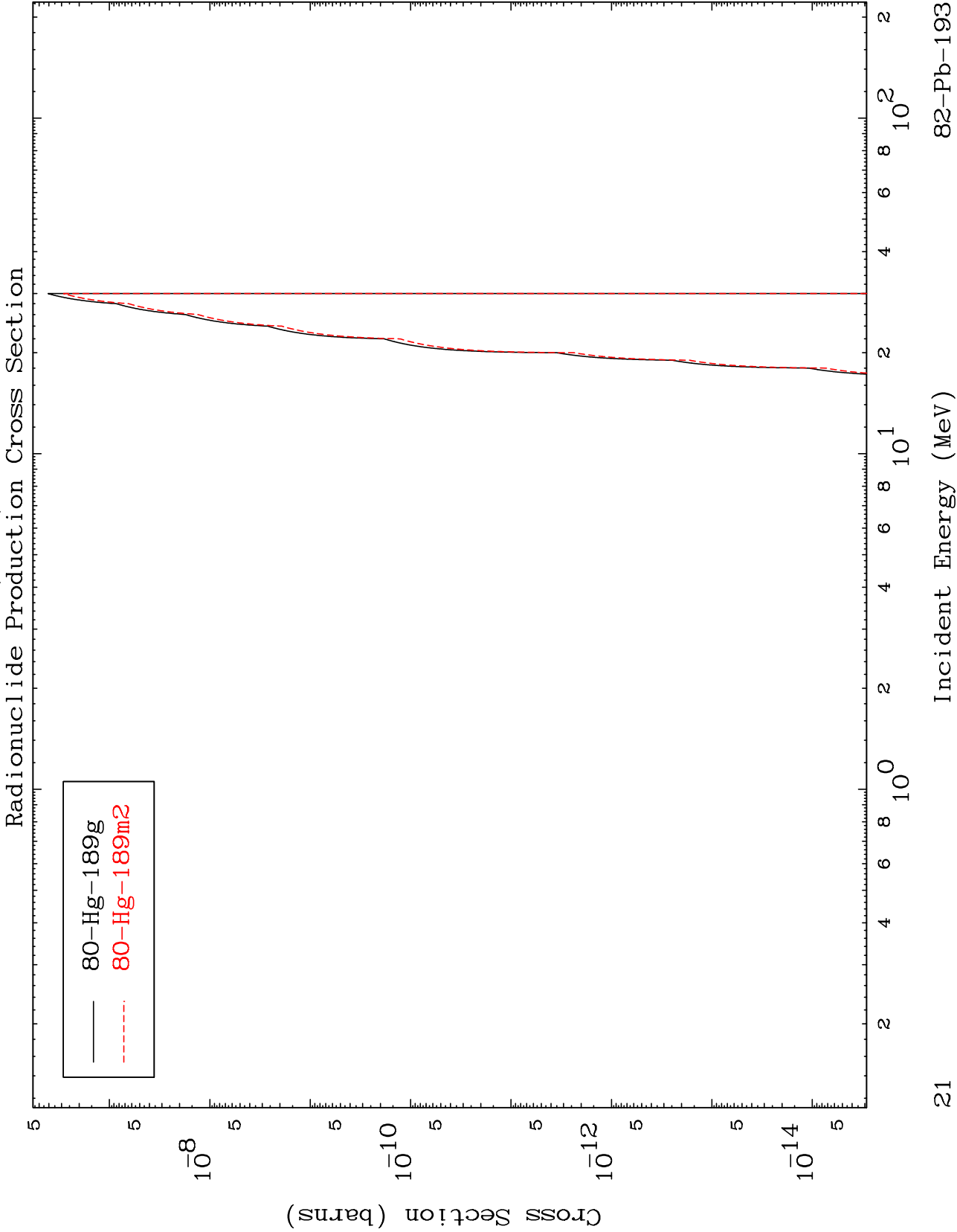
Incident Energy (MeV)

20

MAT 8193

($\alpha, 2\alpha$)

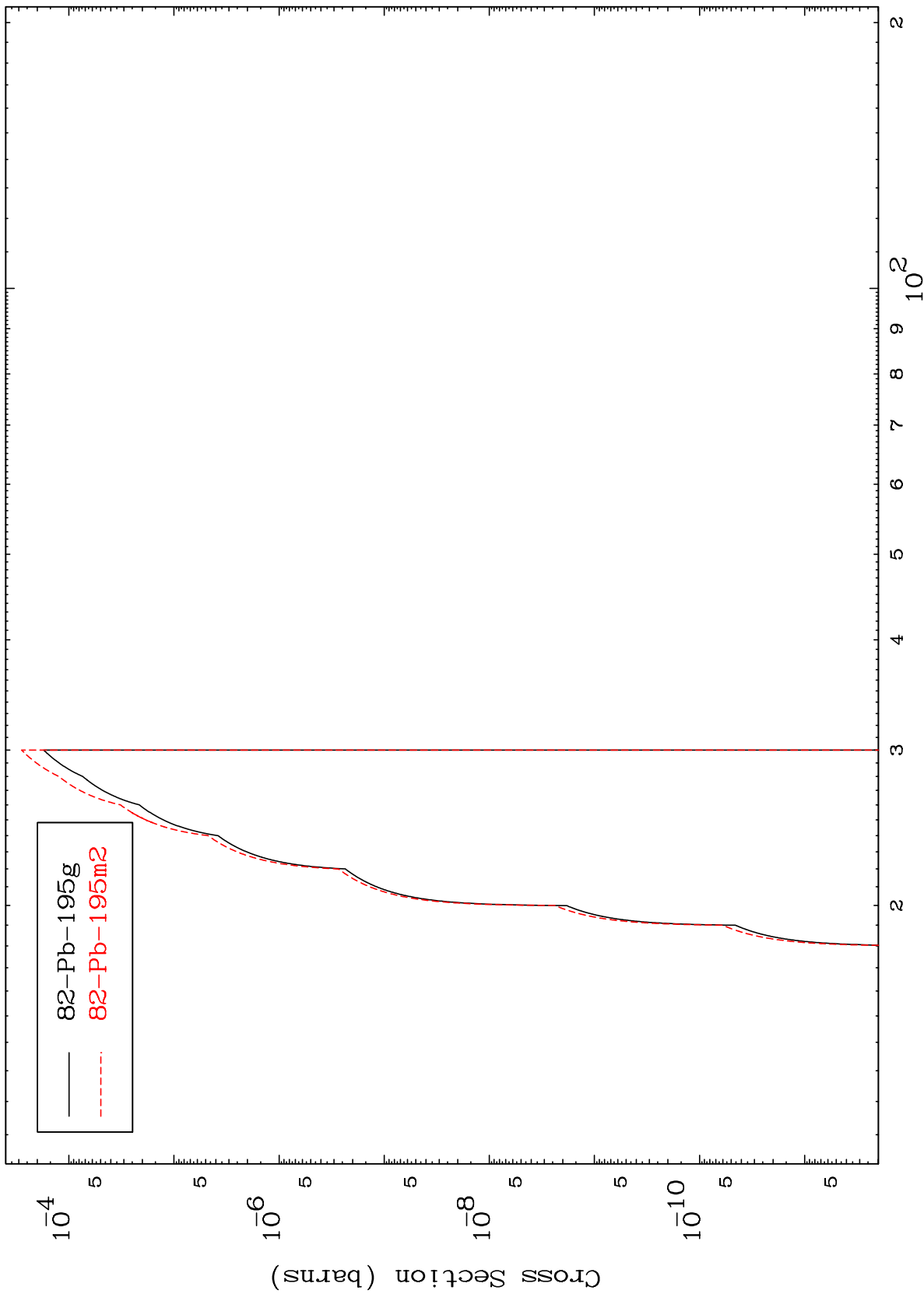
82-Pb-193



MAT 8193

82-Pb-193

($\alpha, 2p$)
Radionuclide Production Cross Section

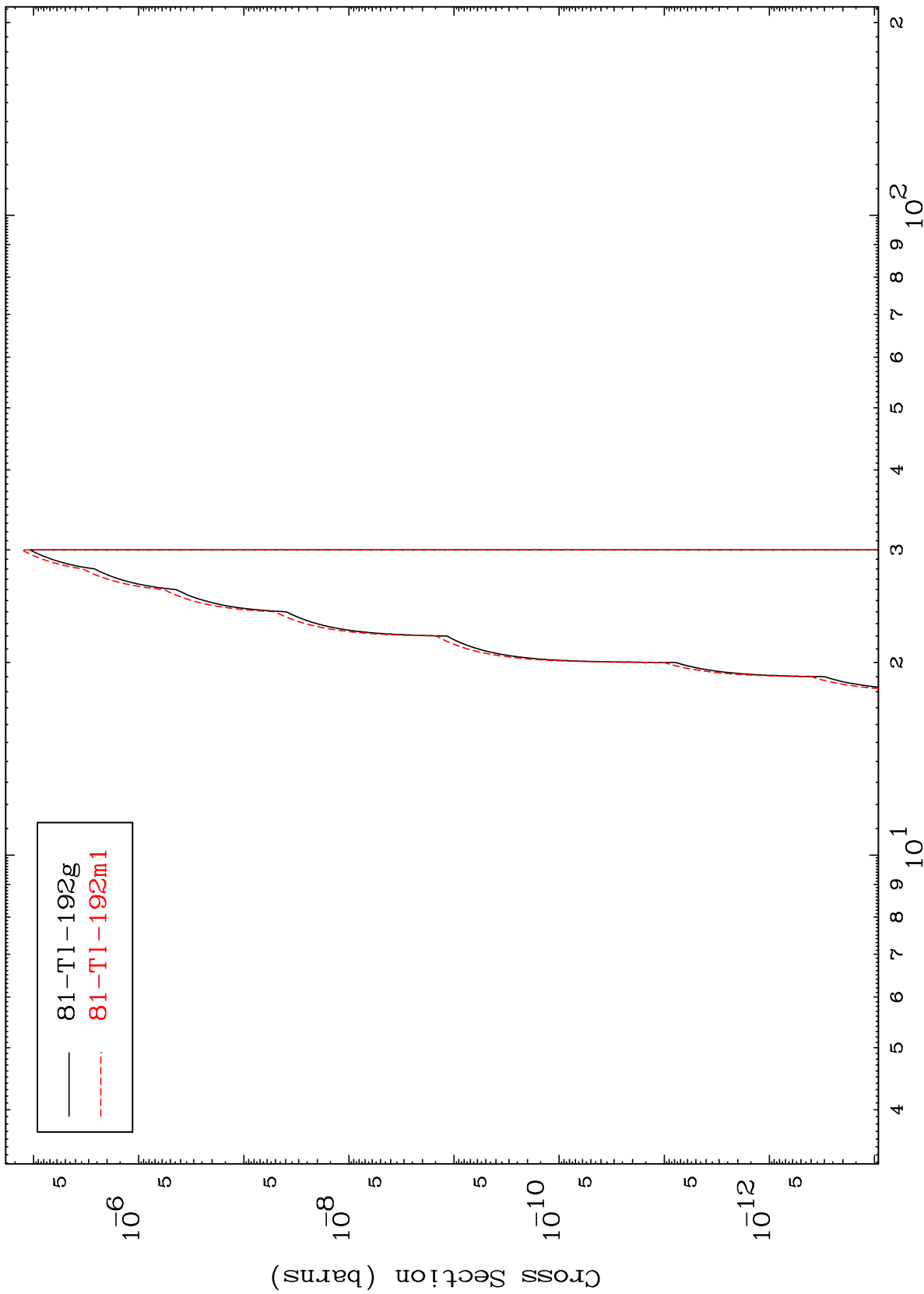


MAT 8193

(α, p) α

82-Pb-193

Radionuclide Production Cross Section



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Incident Energy (MeV)

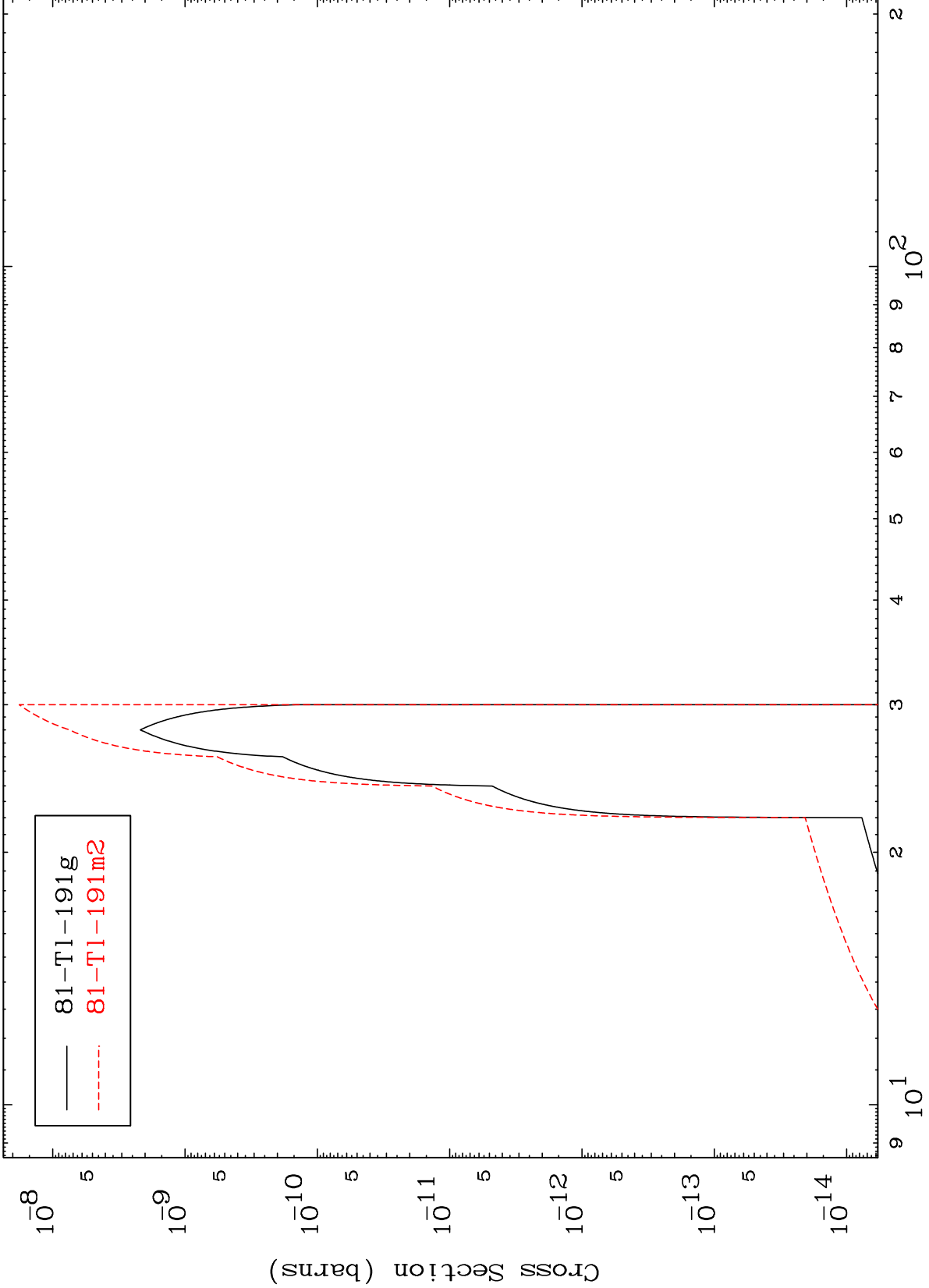
82-Pb-193

MAT 8193

(α, d) α

82-Pb-193

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

82-Pb-193