

Program EVALPLOT
(Version 2018-1)

by

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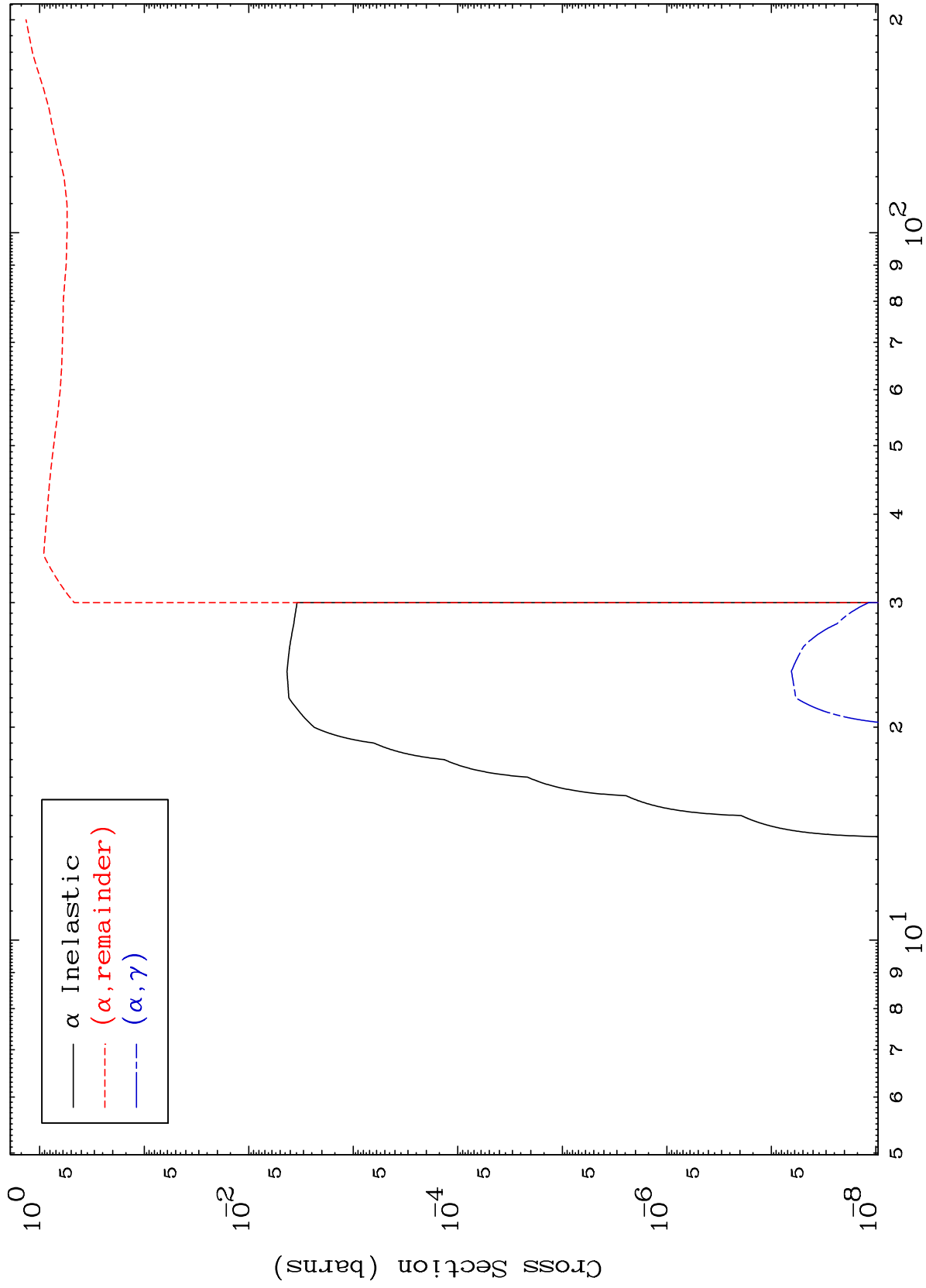
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9361

0 Kelvin α Major
Cross Sections

93-Np-242



1

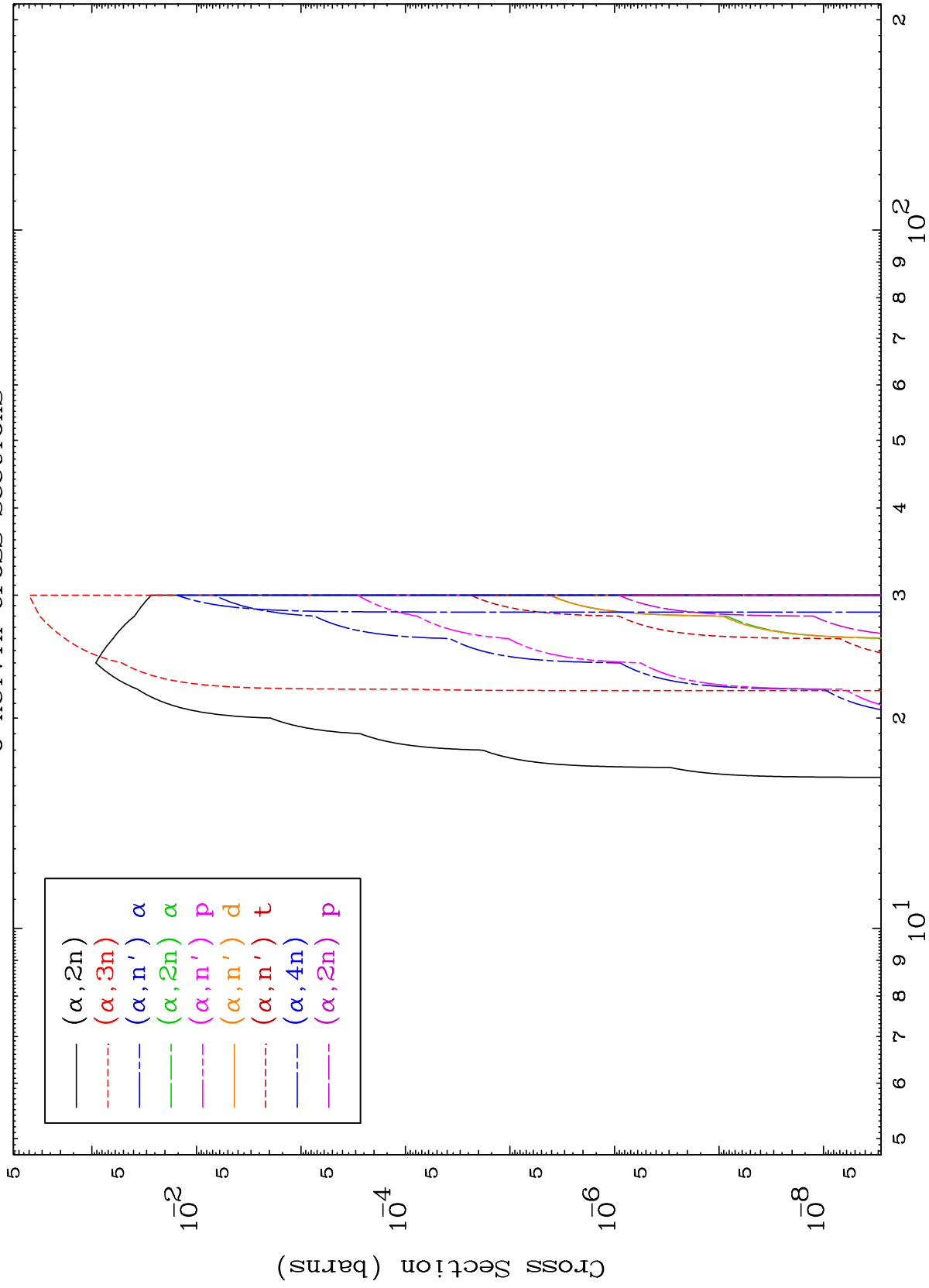
Incident Energy (MeV)

93-Np-242

MAT 9361

α Neutron Production
0 Kelvin Cross Sections

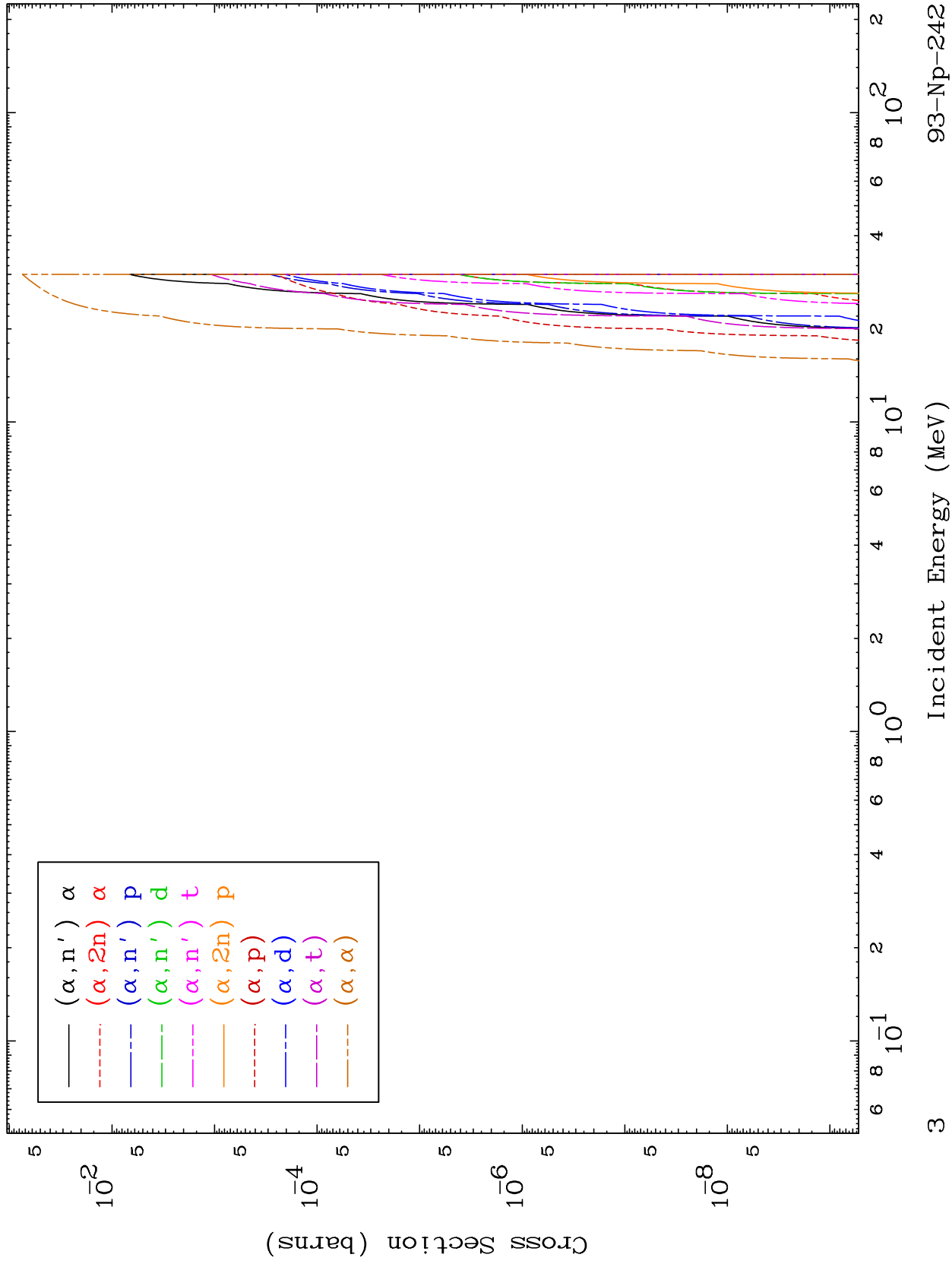
93-Np-242



2

Incident Energy (MeV)

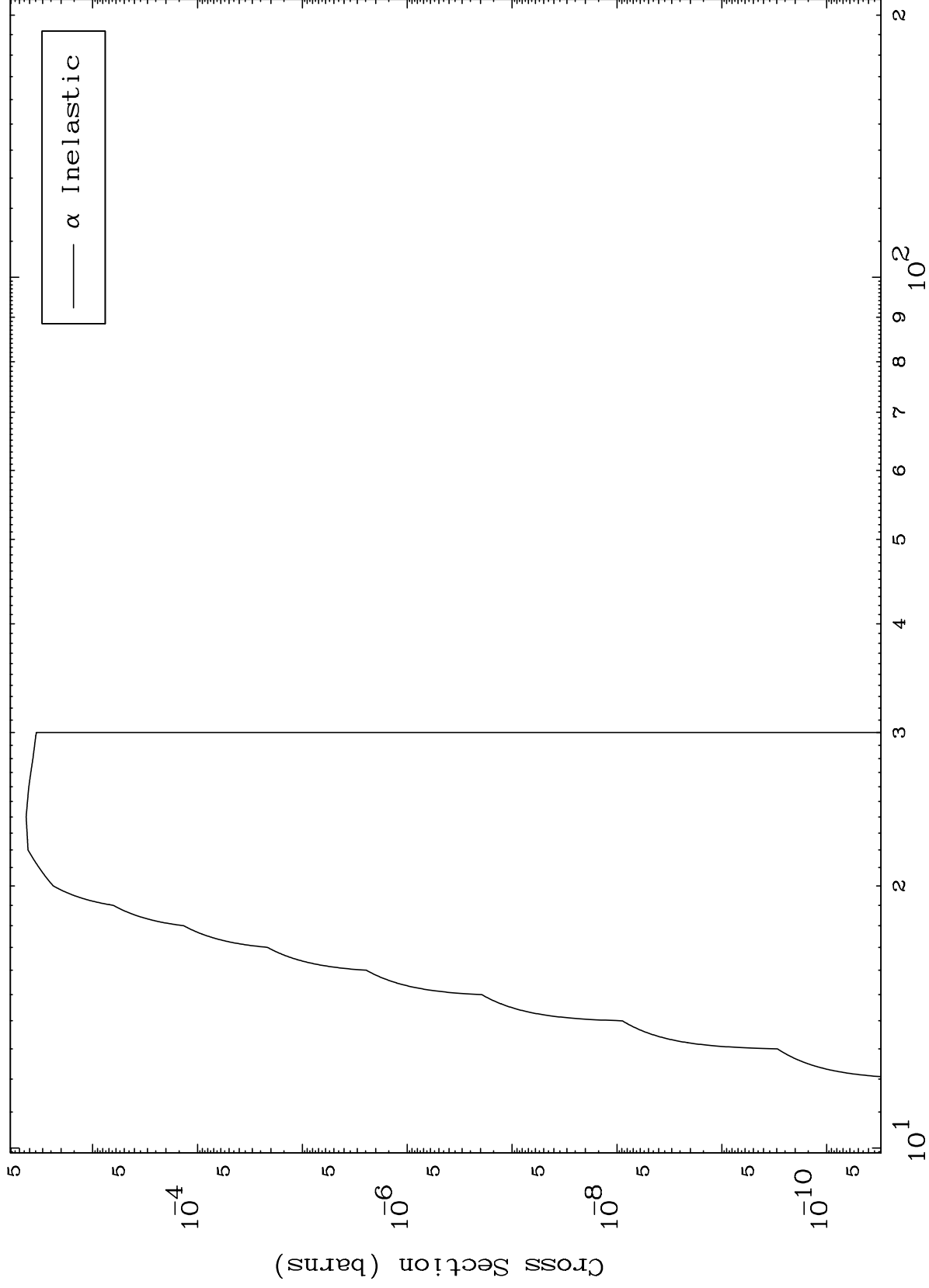
93-Np-242



MAT 9361

(α, n') Level
0 Kelvin Cross Sections

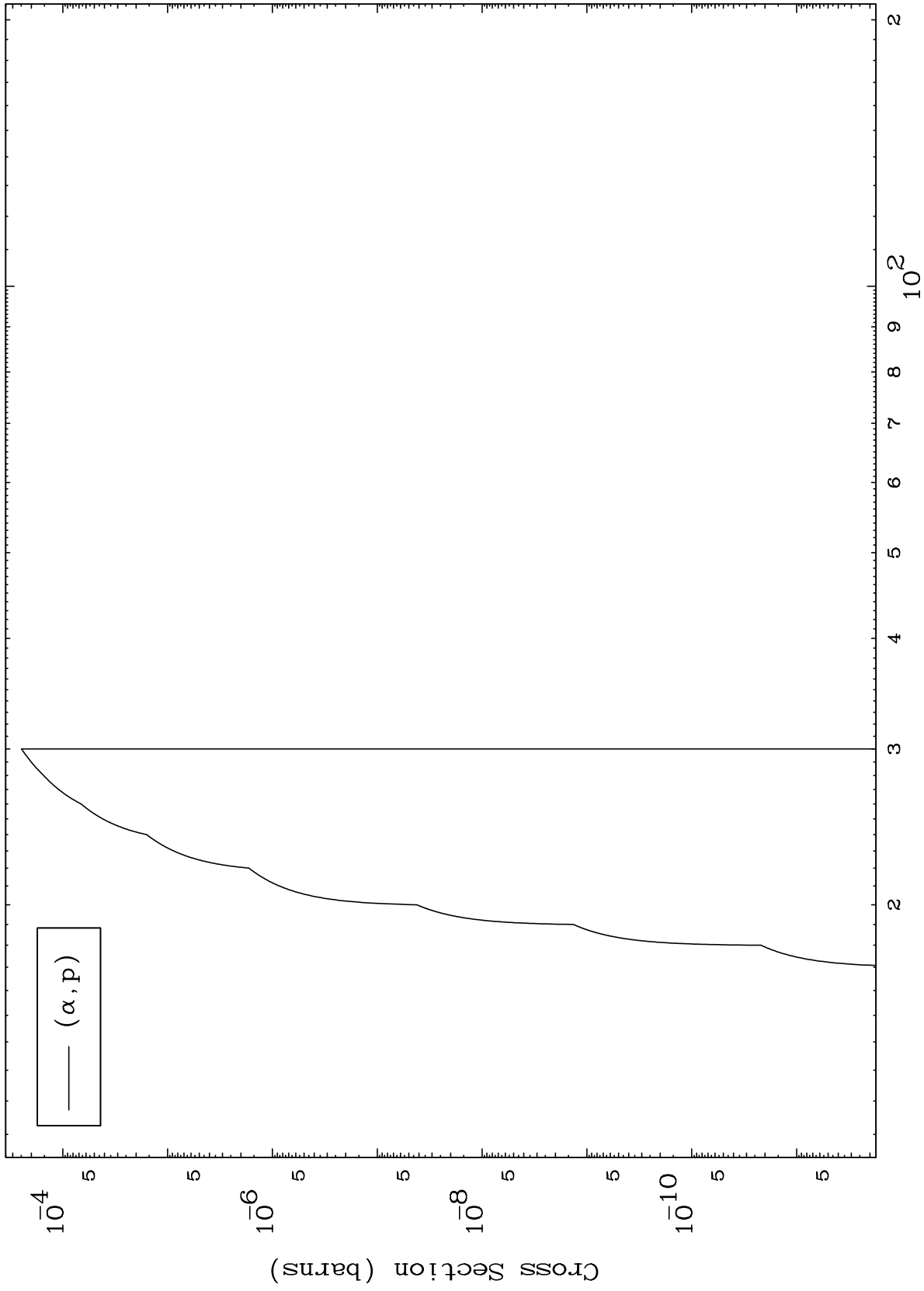
93-Np-242

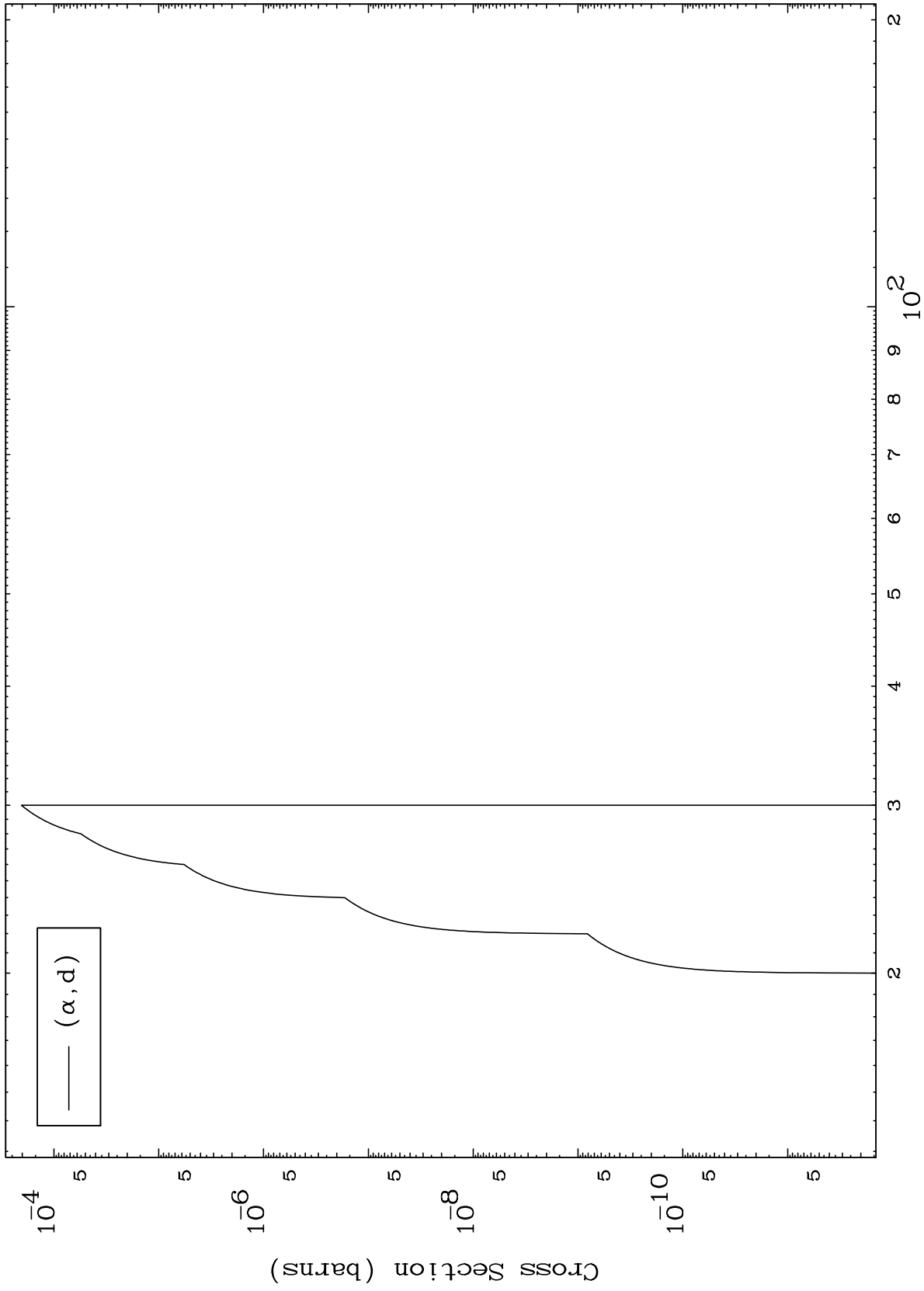


Incident Energy (MeV)

93-Np-242

4

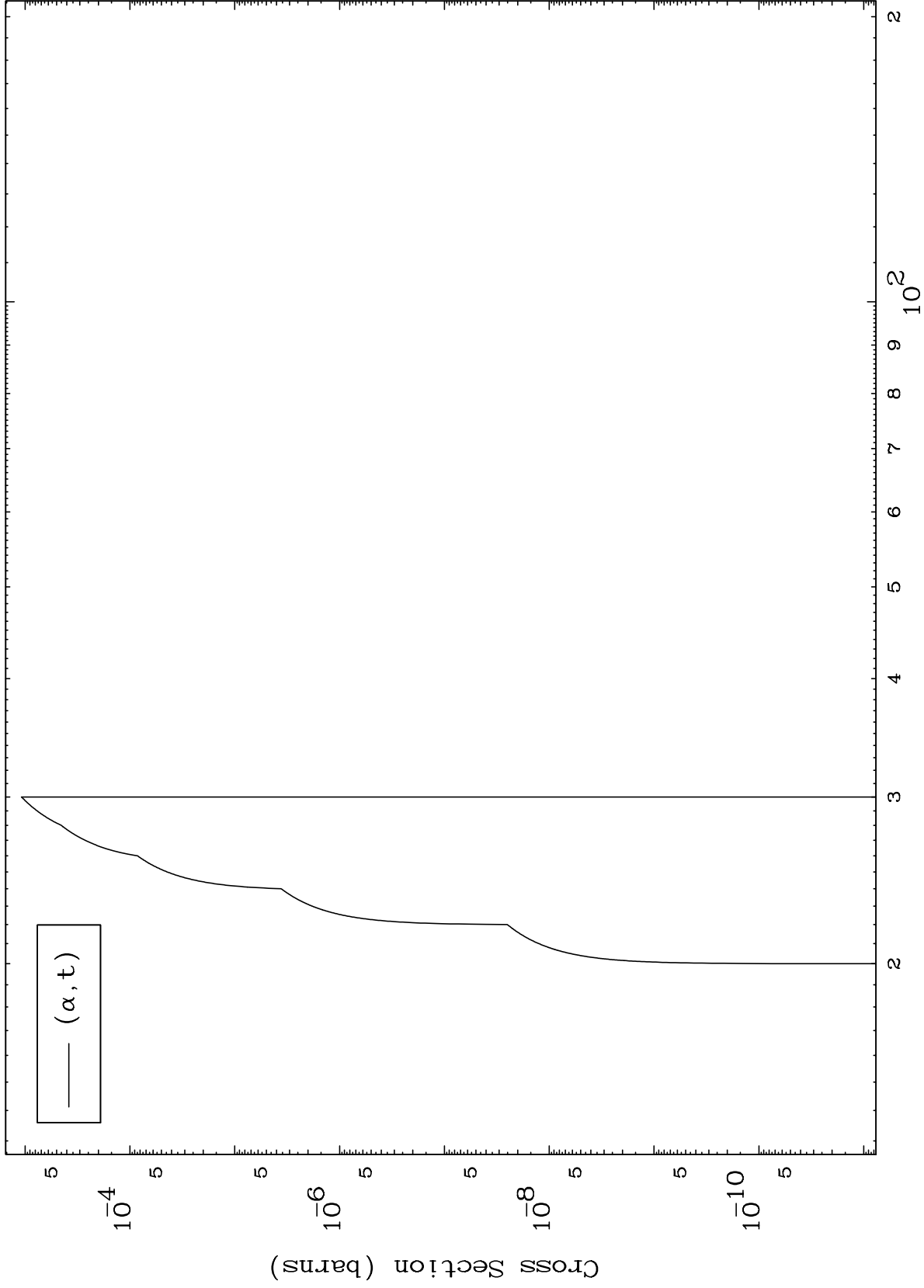




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(α, t) Levels
0 Kelvin Cross Sections

93-Np-242



7

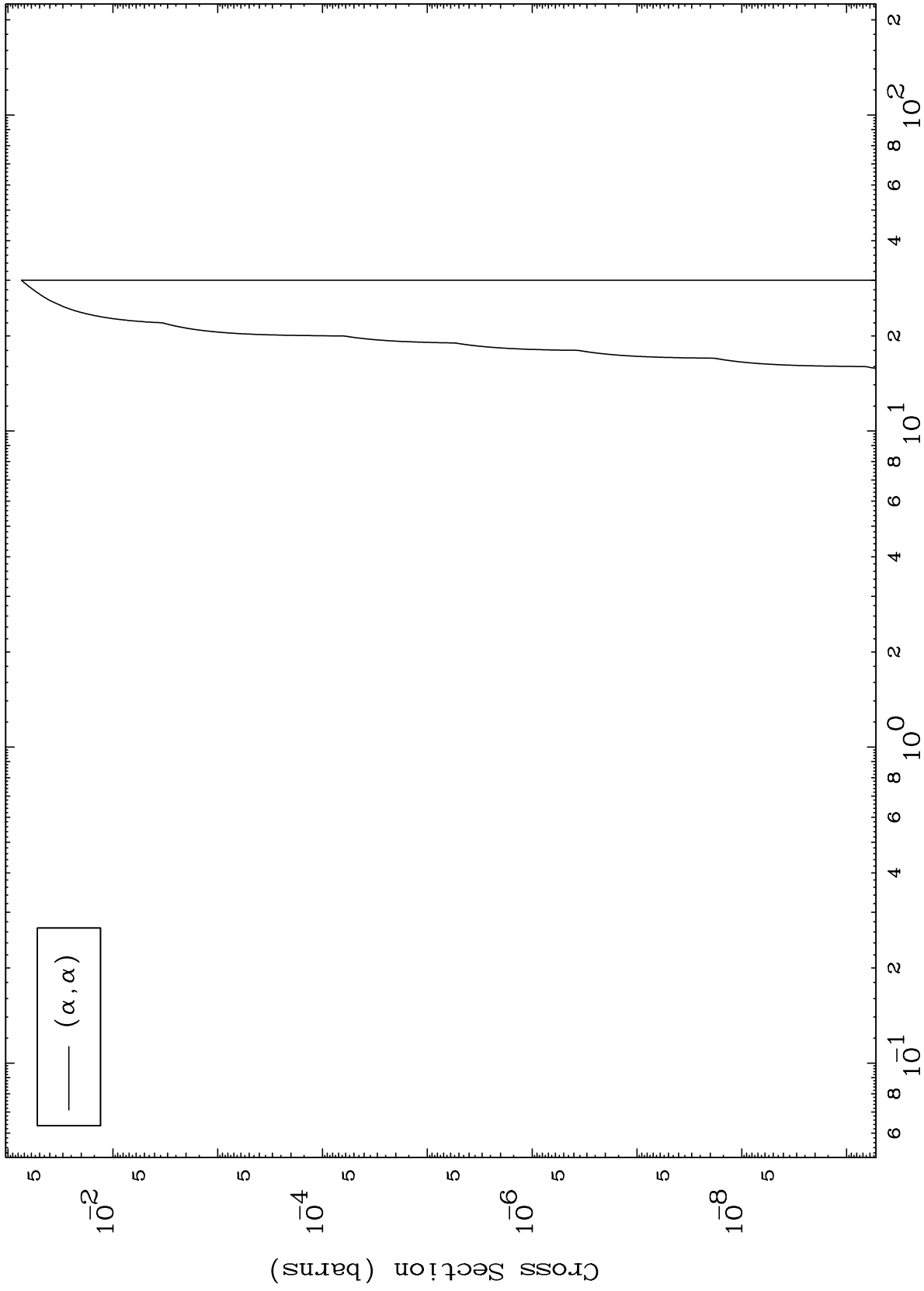
Incident Energy (MeV)

93-Np-242

MAT 9361

(α, α) Levels
0 Kelvin Cross Sections

93-Np-242



8

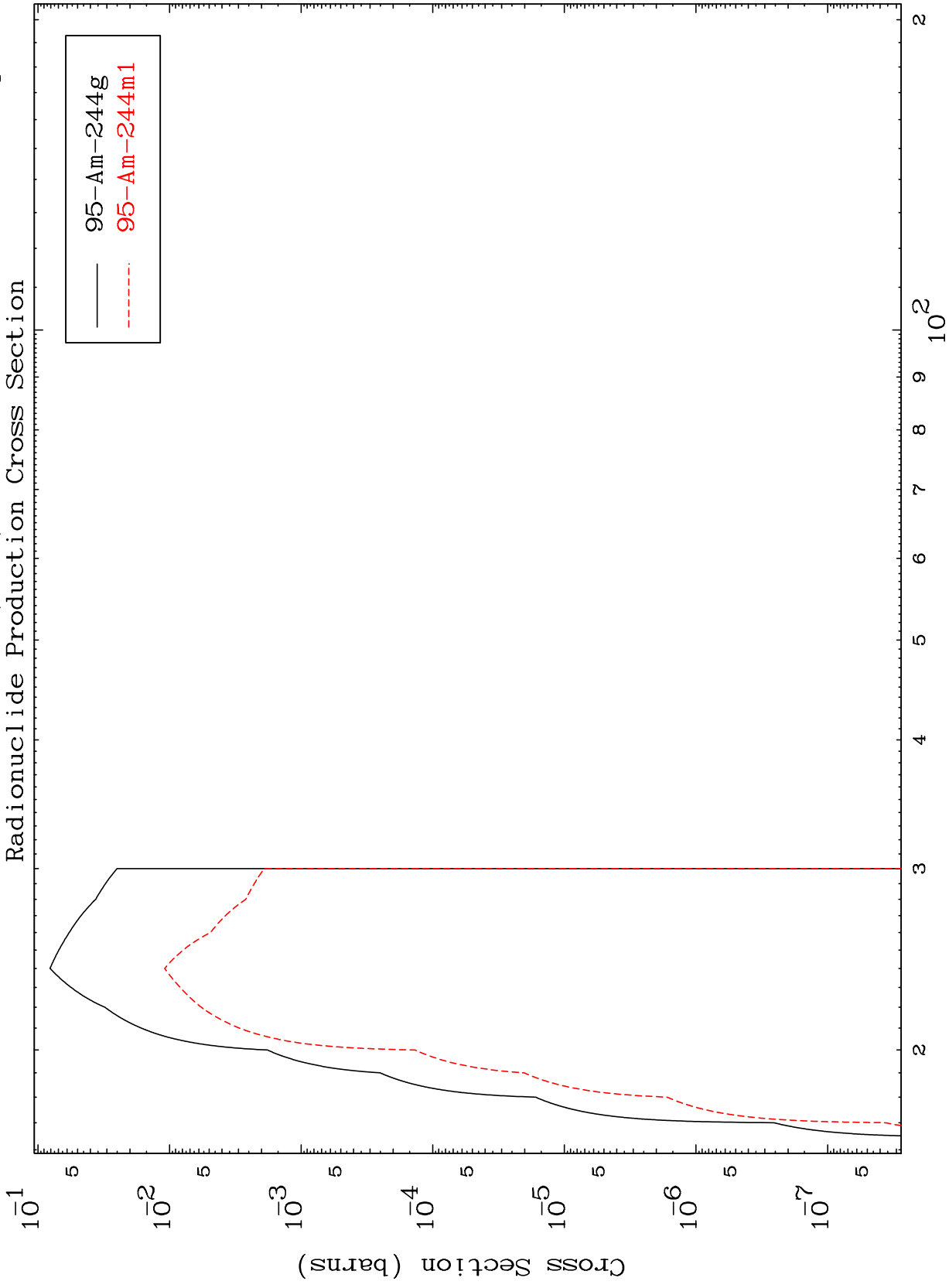
Incident Energy (MeV)

93-Np-242

MAT 9361

93-Np-242

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



9

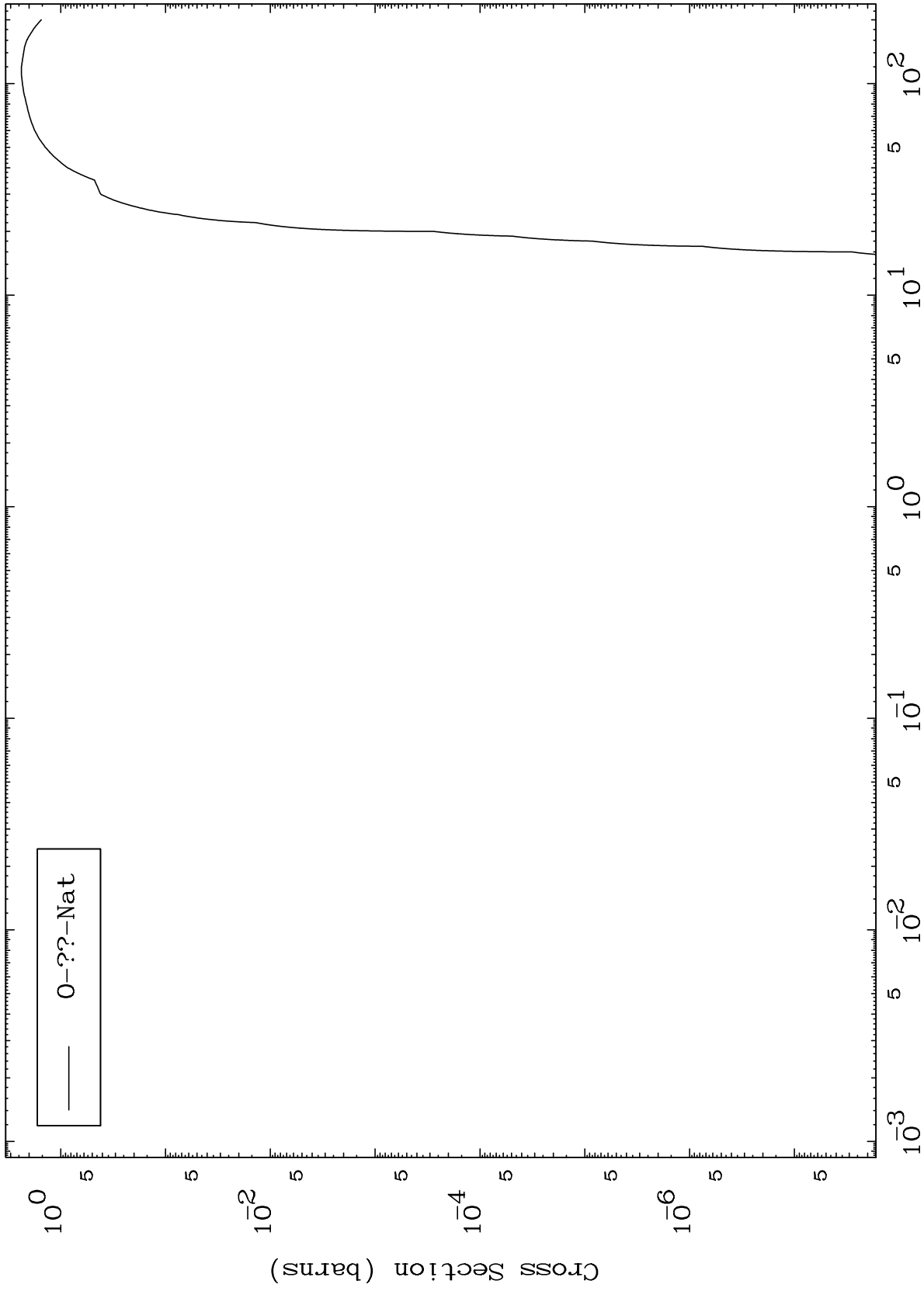
Incident Energy (MeV)

93-Np-242

MAT 9361

α Fission
Radionuclide Production Cross Section

93-Np-242



0-?-?-Nat

Incident Energy (MeV)

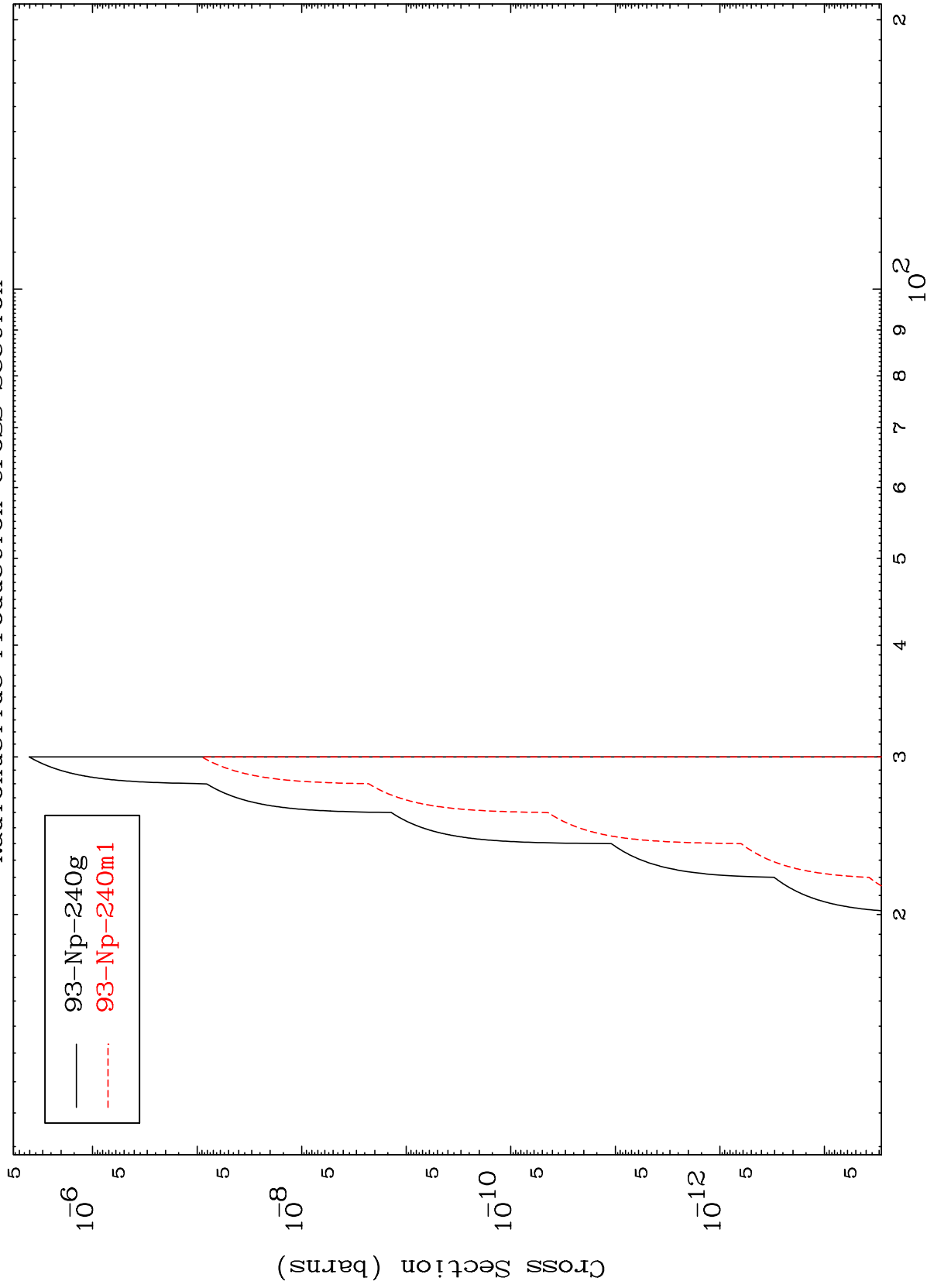
93-Np-242

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$(\alpha, 2n) \alpha$

93-Np-242

Radionuclide Production Cross Section



11

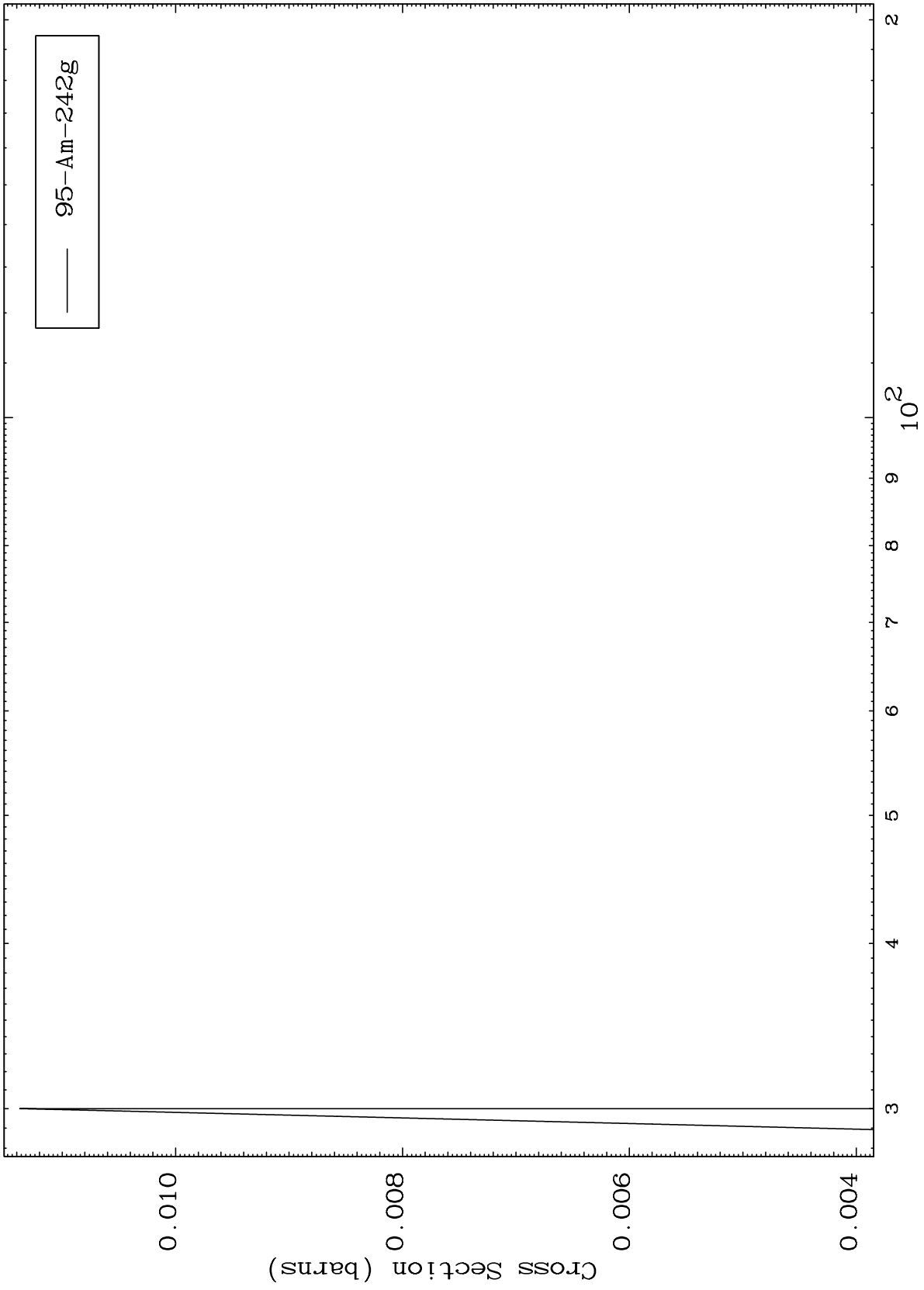
Incident Energy (MeV)

93-Np-242

MAT 9361

93-Np-242

($\alpha, 4n$)
Radionuclide Production Cross Section



93-Np-242

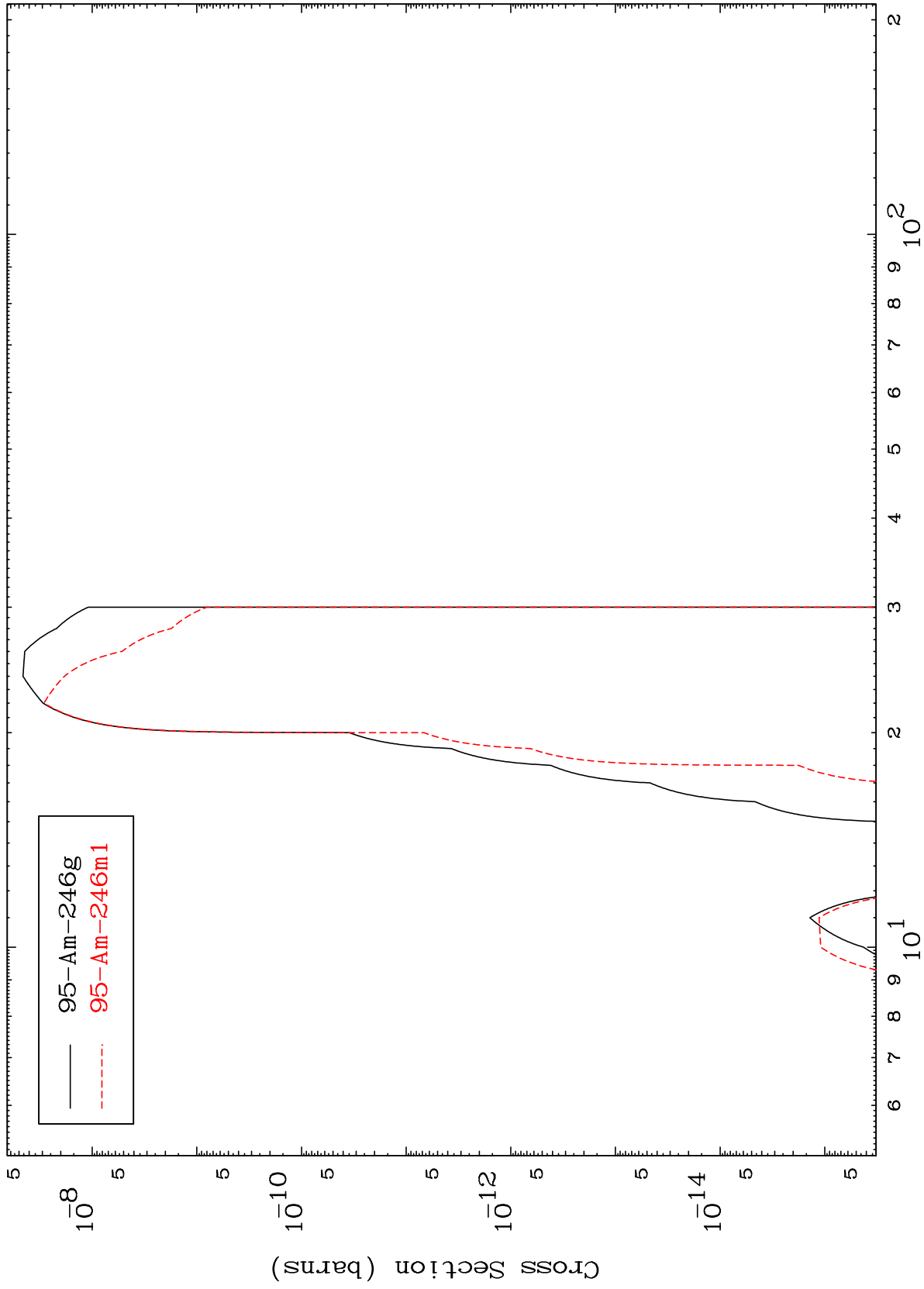
Incident Energy (MeV)

12

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93-Np-242

(α, γ)
Radionuclide Production Cross Section



13

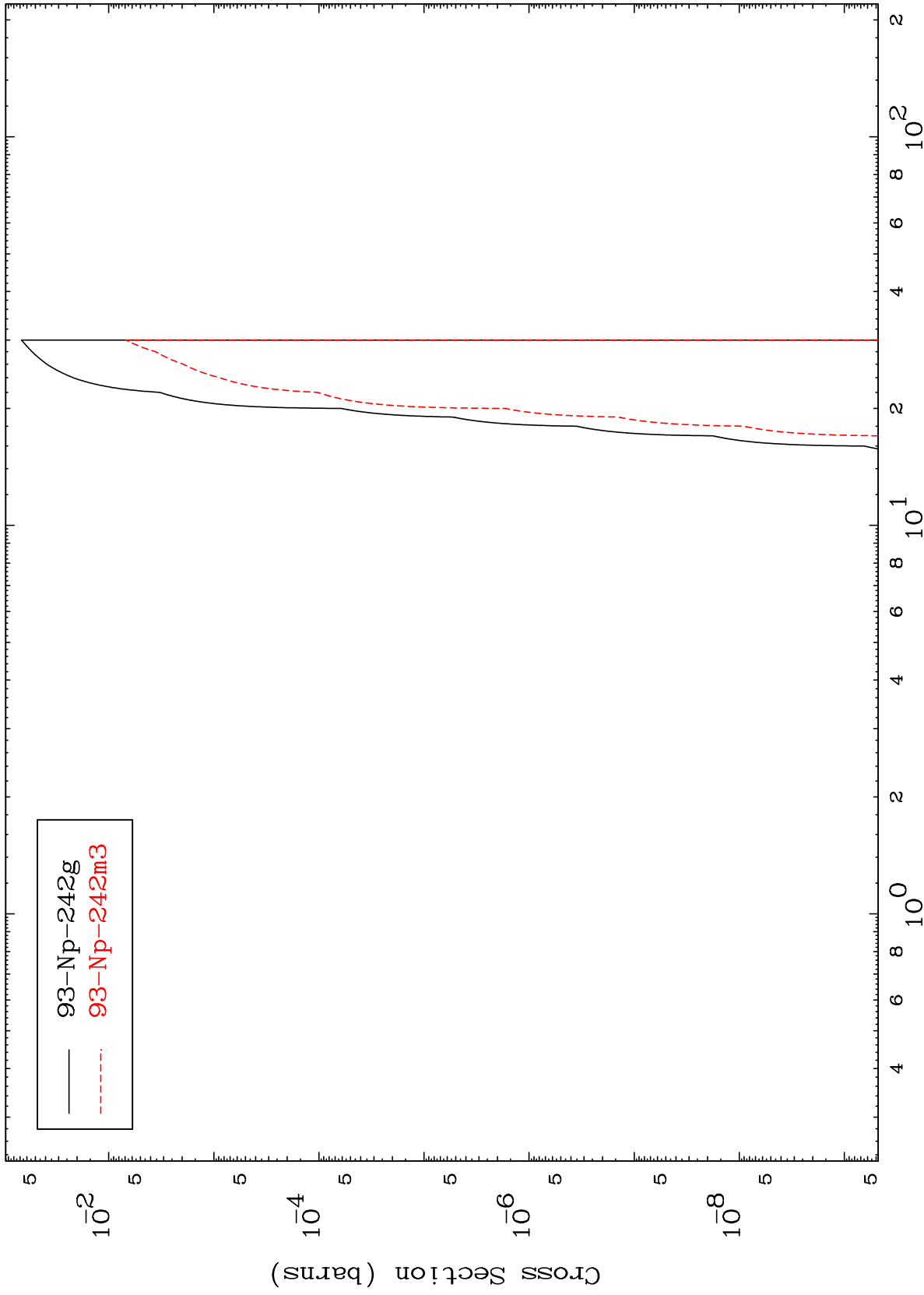
93-Np-242

MAT 9361

(α, α)

93-Np-242

Radionuclide Production Cross Section



14

Incident Energy (MeV)

93-Np-242