

Program EVALPLOT
(Version 2021-1)

by

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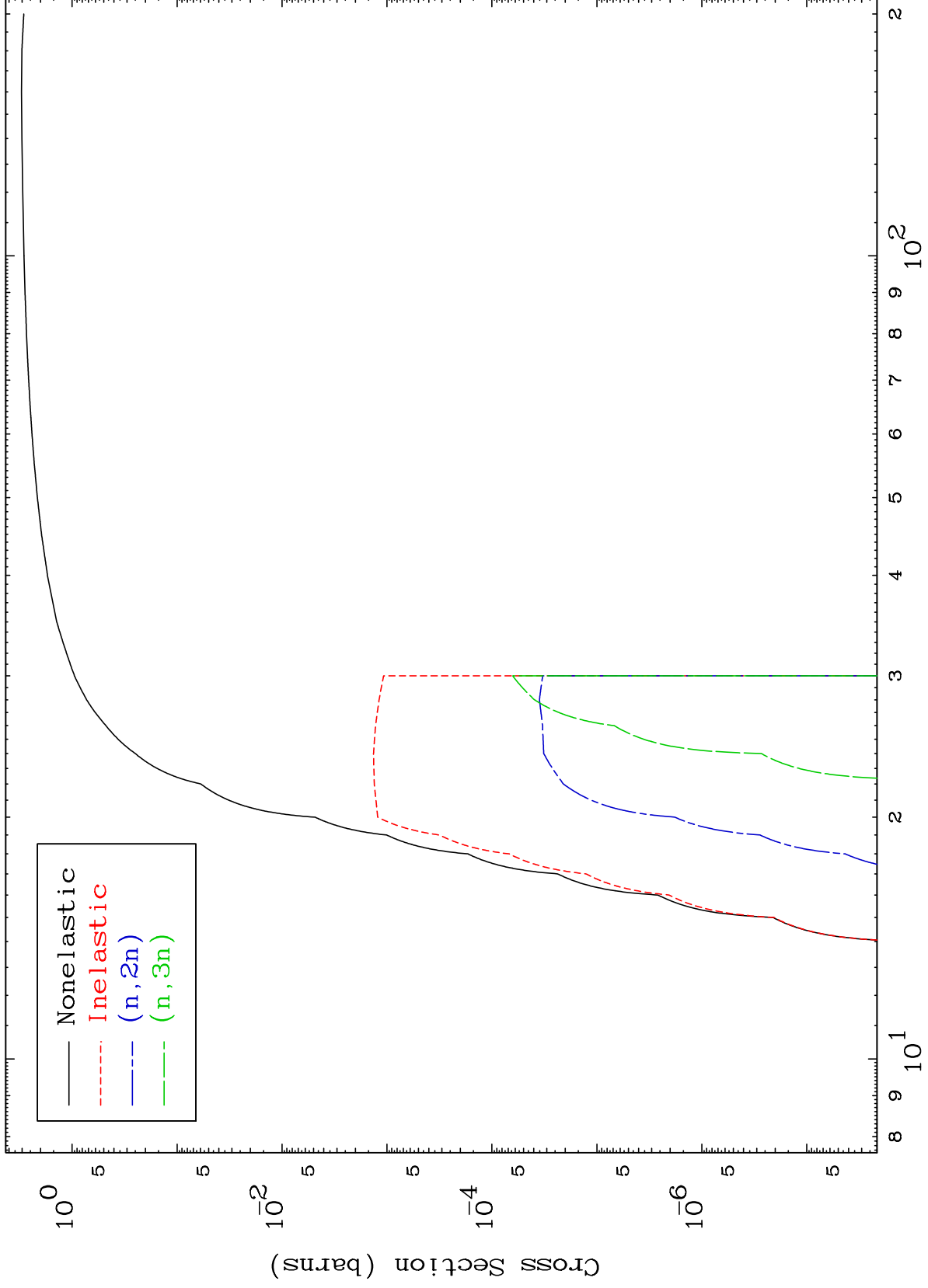
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9364

0 Kelvin Cross Sections

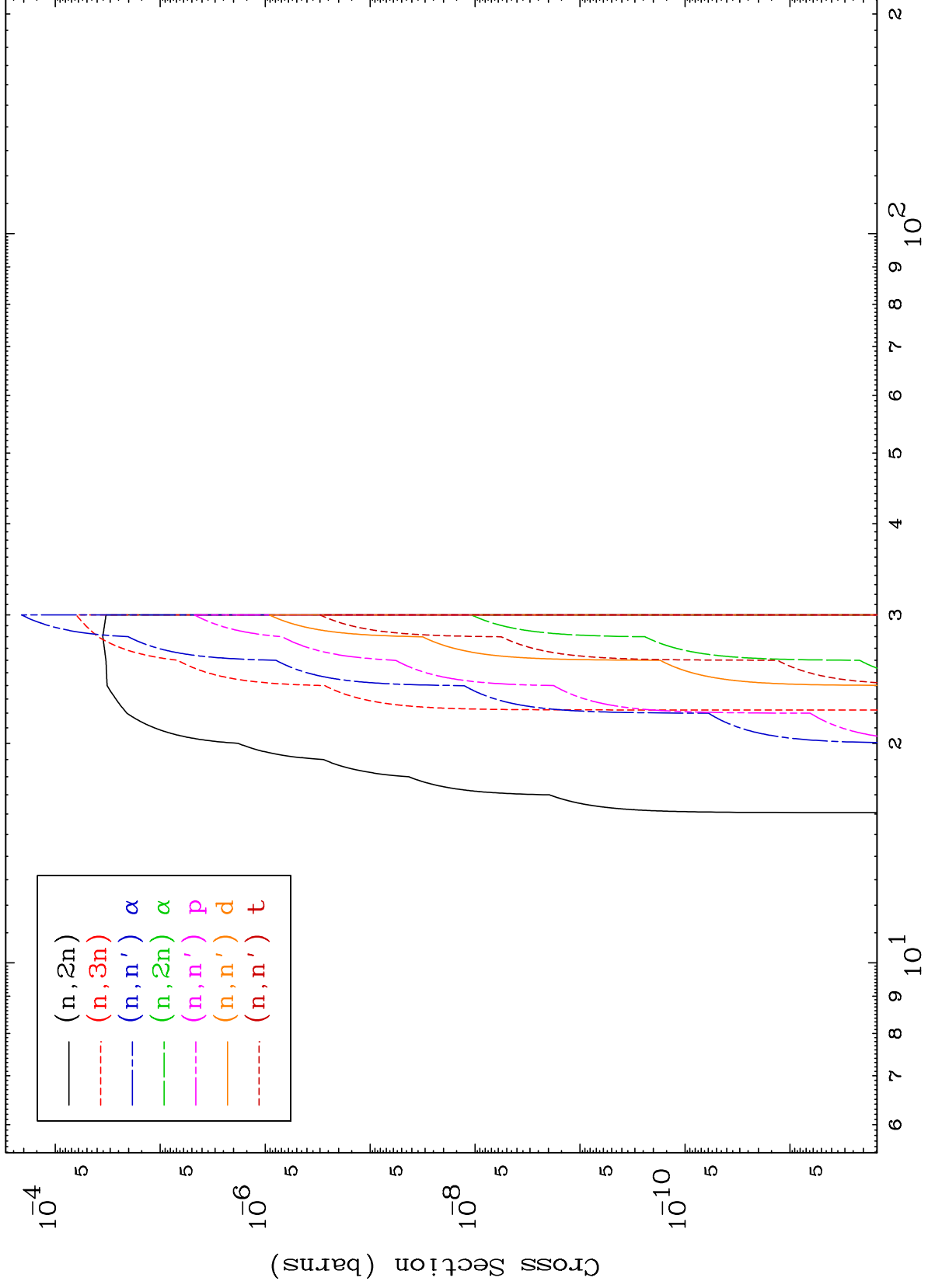
93-Np-243



93-Np-243

Incident Energy (MeV)

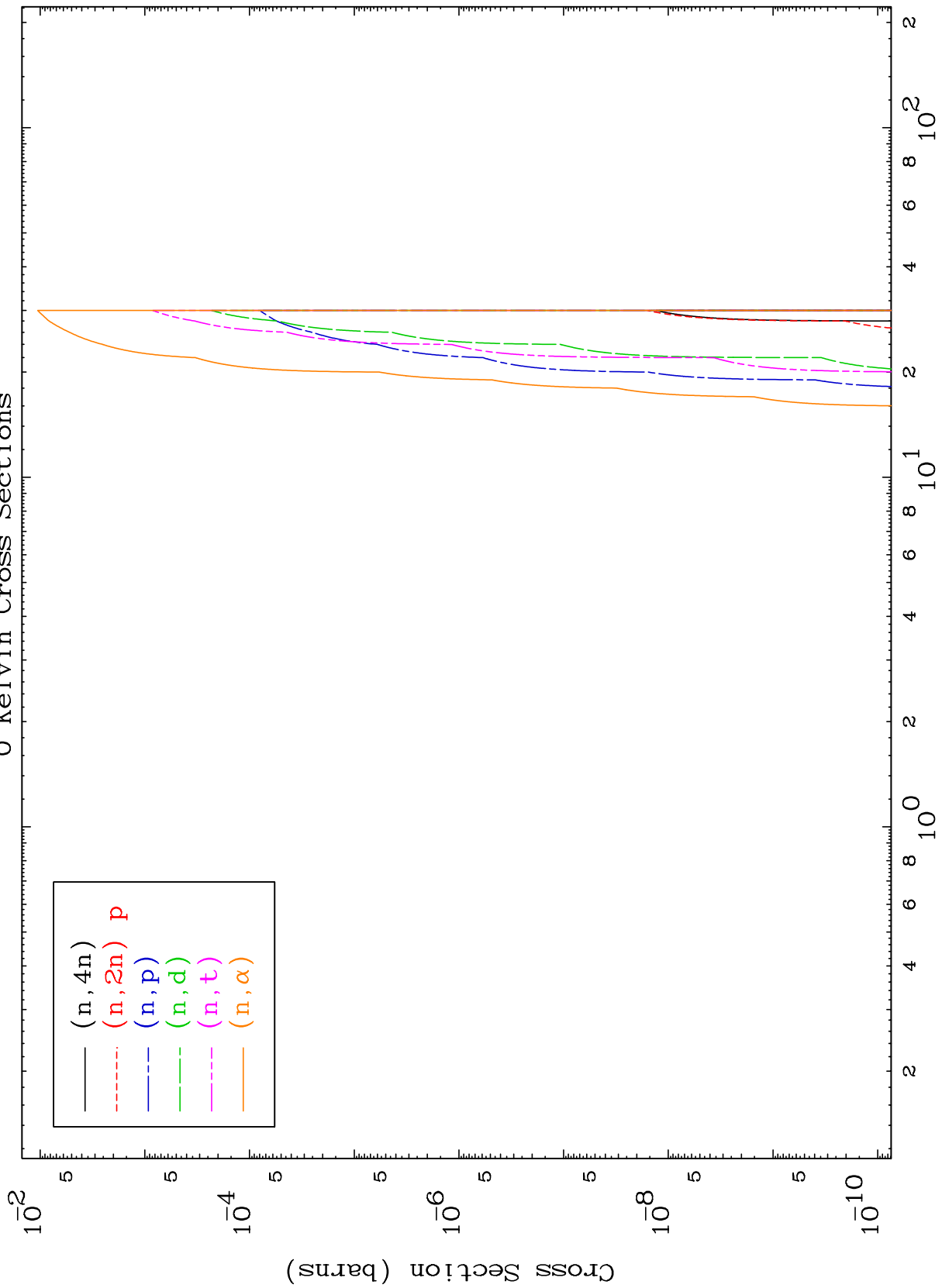
1



MAT 9364

α Neutron Absorption
0 Kelvin Cross Sections

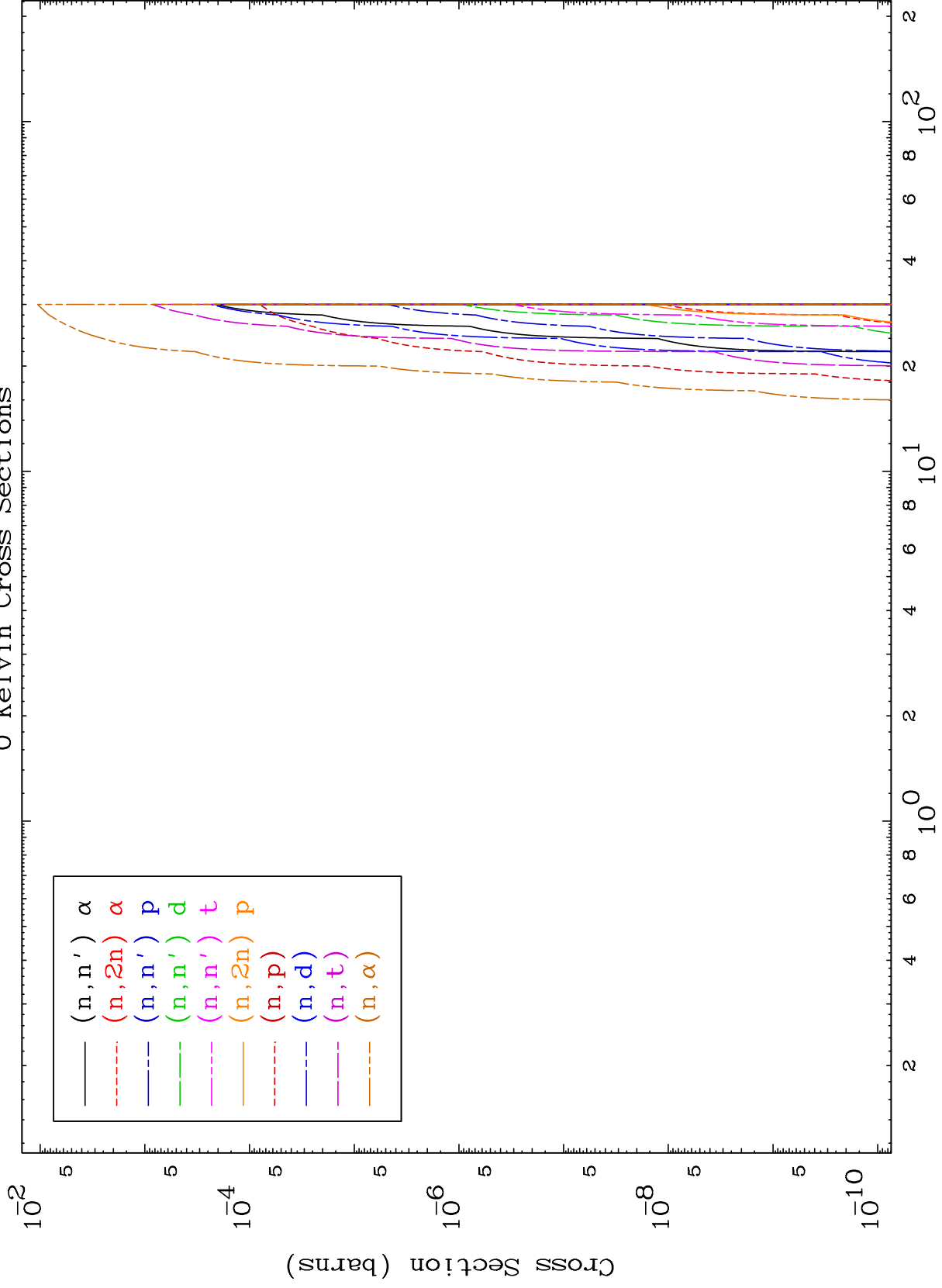
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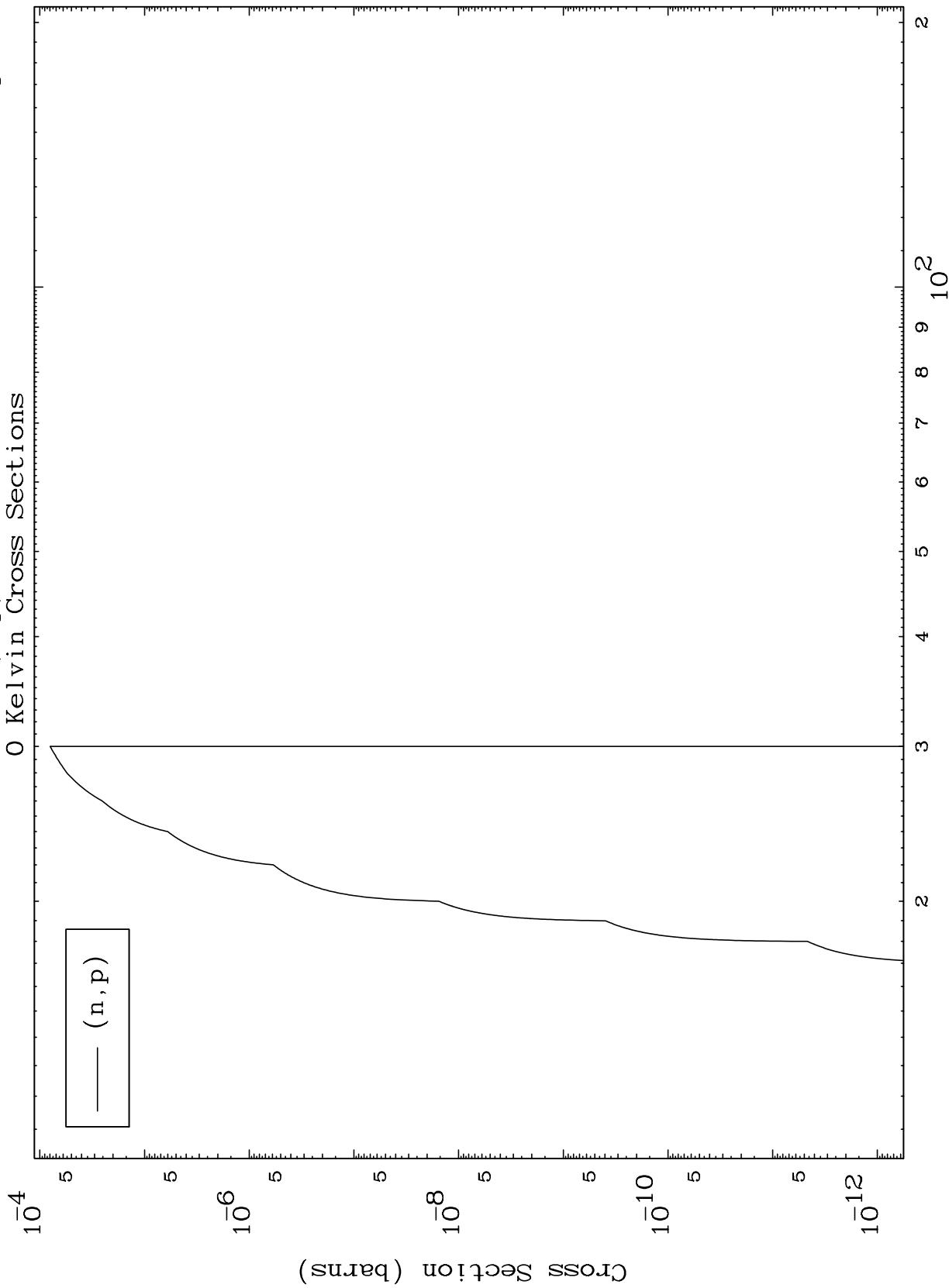
MAT 9364

α Charged Particle
0 Kelvin Cross Sections

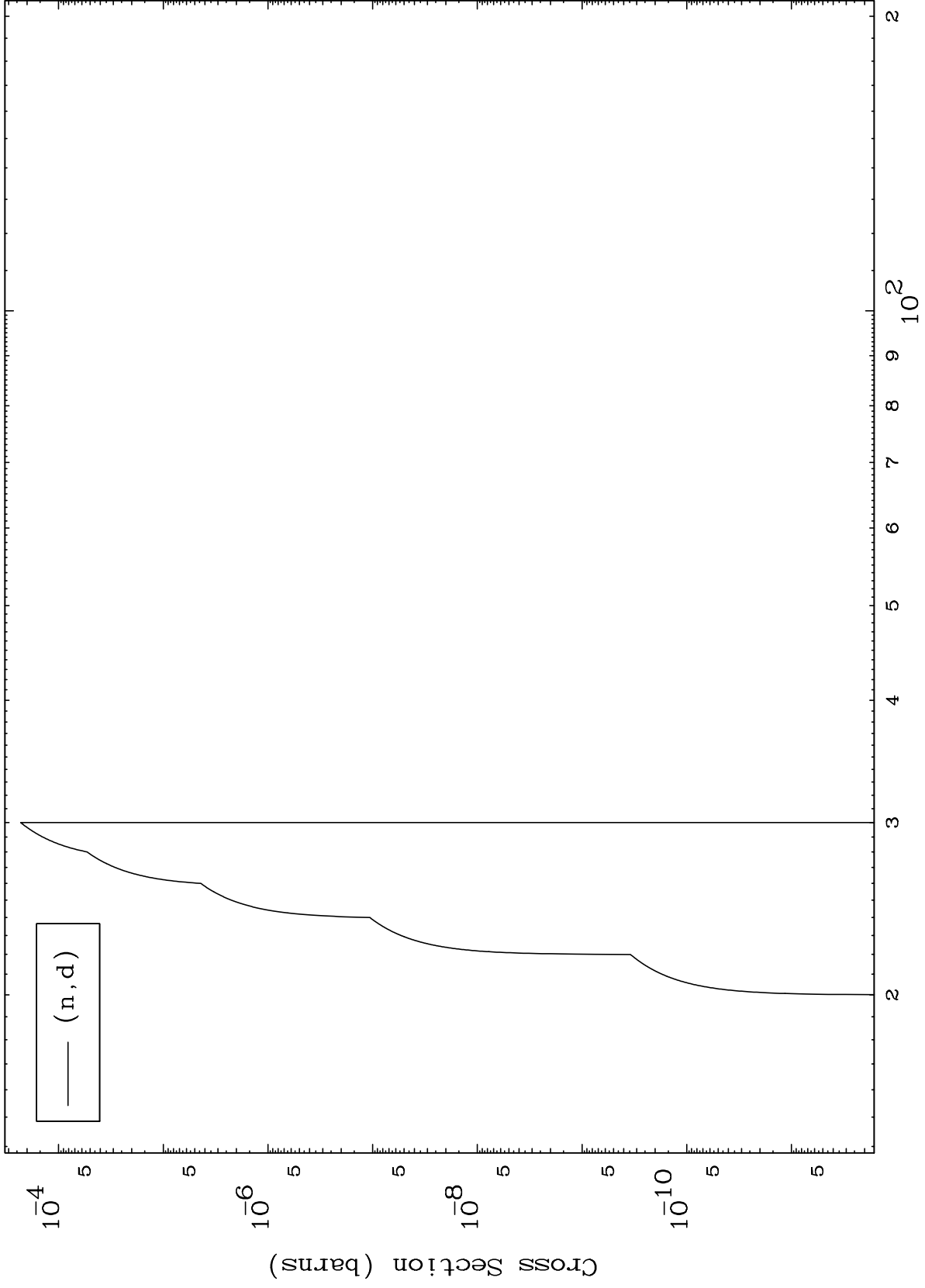
93-Np-243



(α, p) Levels
0 Kelvin Cross Sections



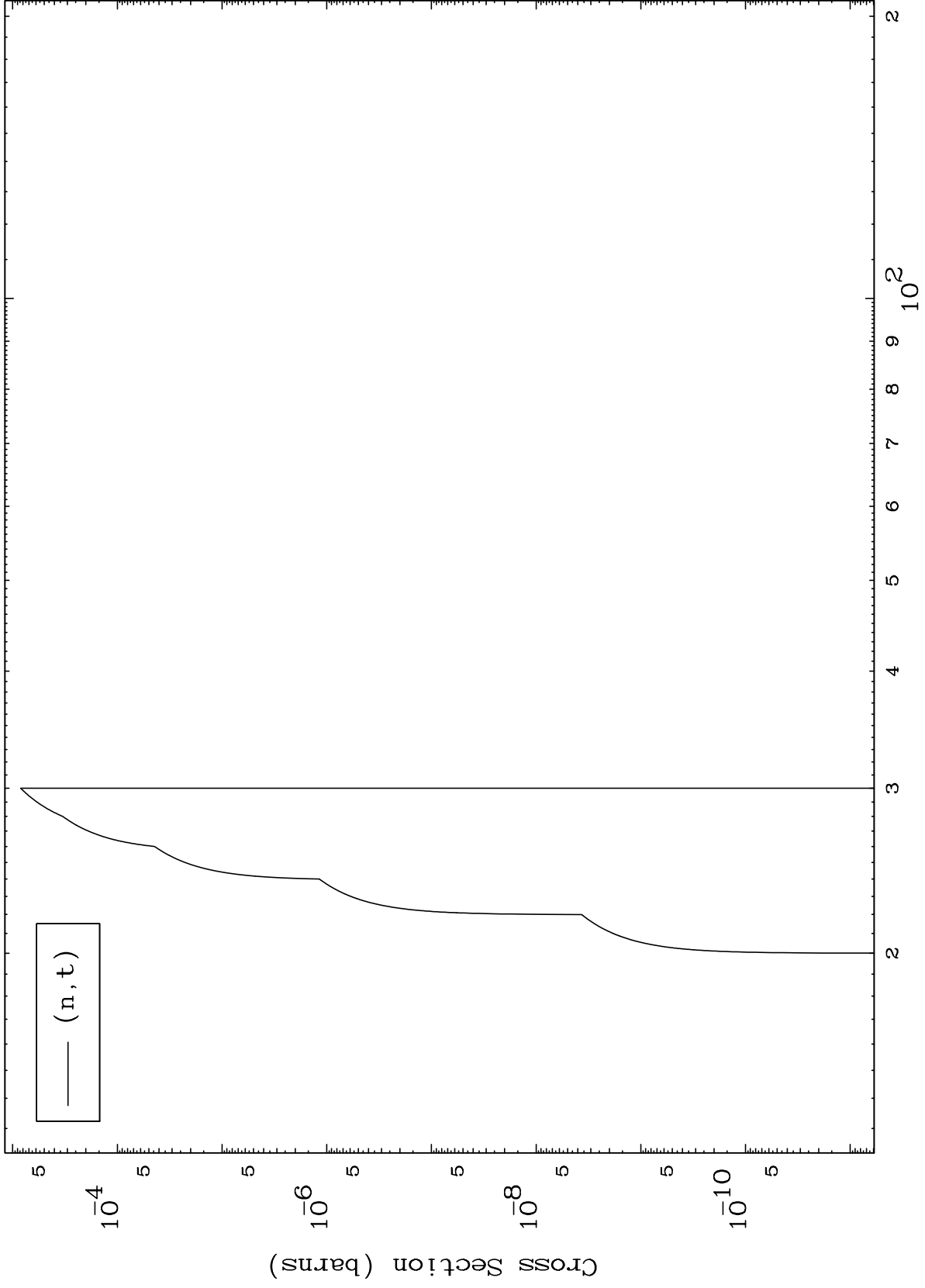
Incident Energy (MeV)



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(α, t) Levels
0 Kelvin Cross Sections

93-Np-243



7

Incident Energy (MeV)

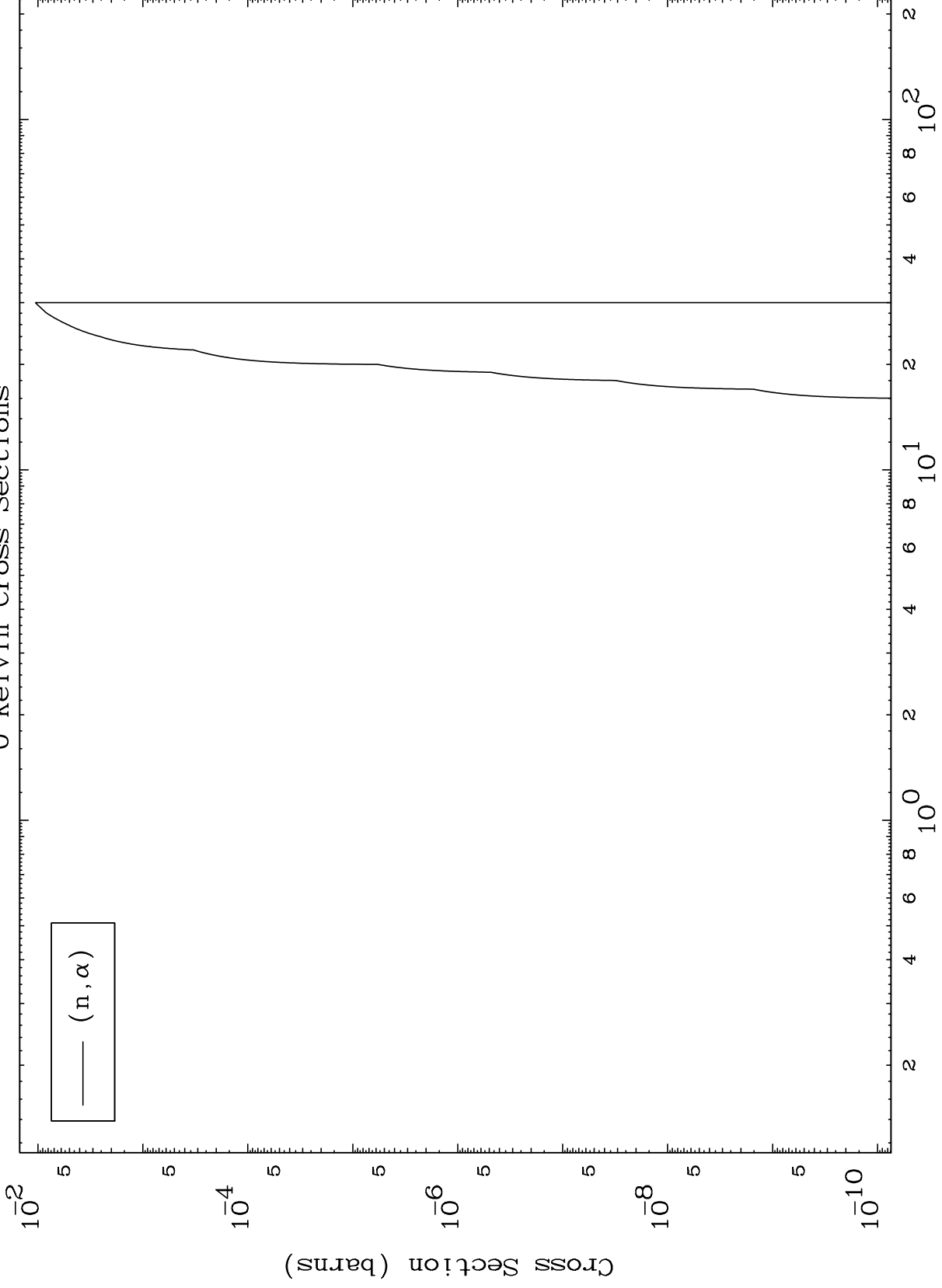
93-Np-243

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(α, α) Levels

93-Np-243

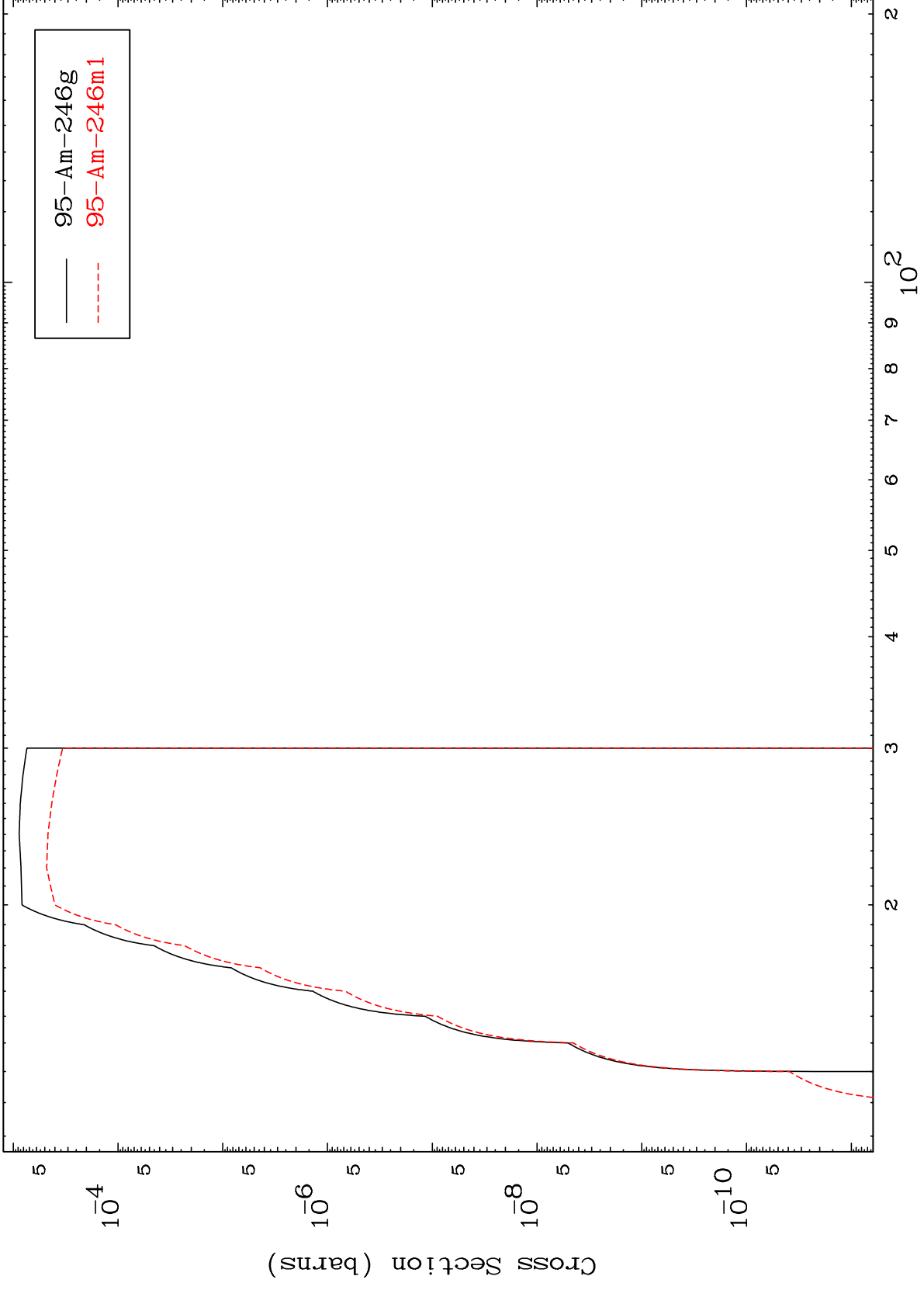
0 Kelvin Cross Sections



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93-Np-243

Inelastic
Radionuclide Production Cross Section



9

Incident Energy (MeV)

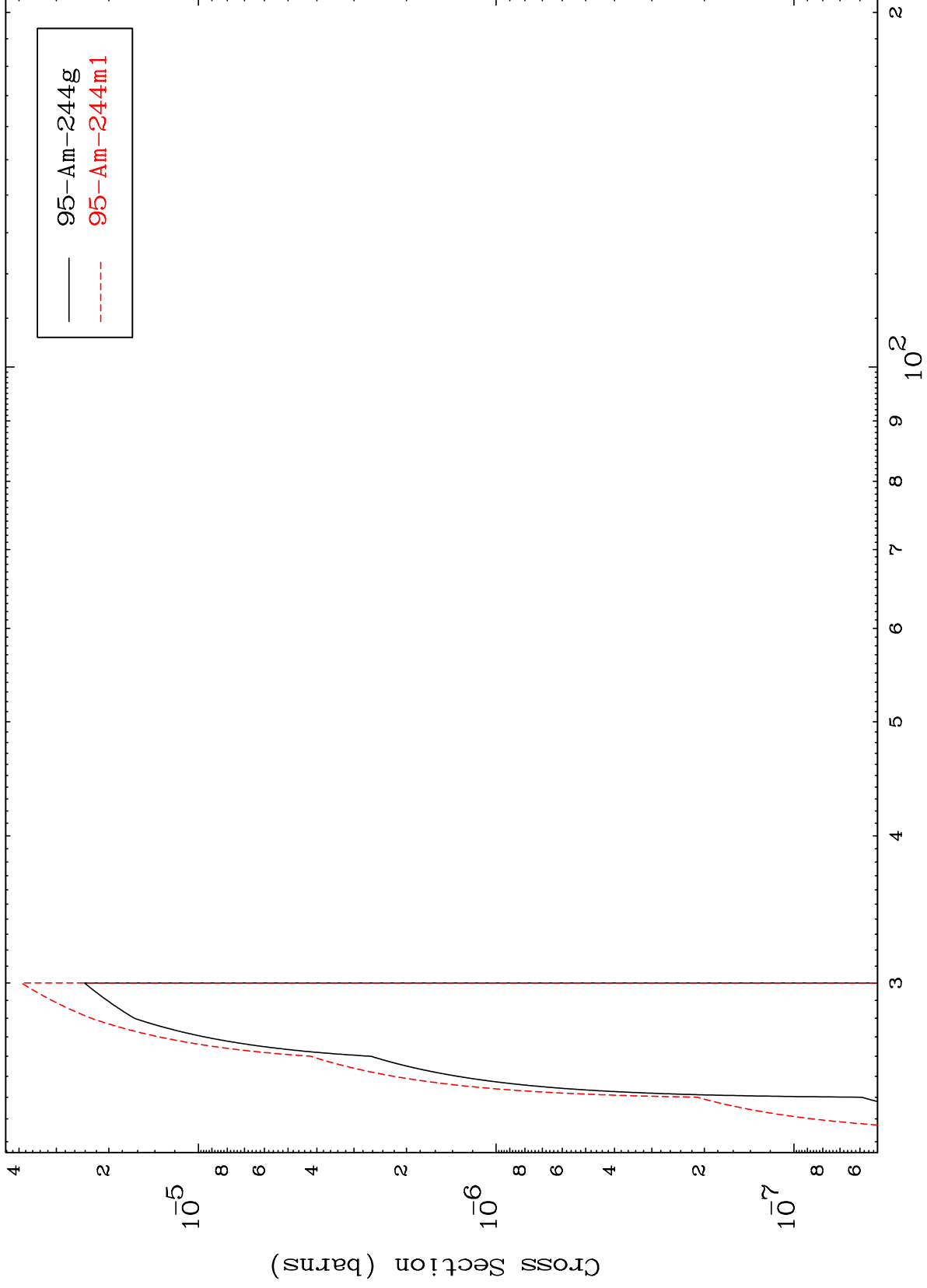
93-Np-243

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(n,3n)

93-Np-243

Radionuclide Production Cross Section



10

Incident Energy (MeV)

10²

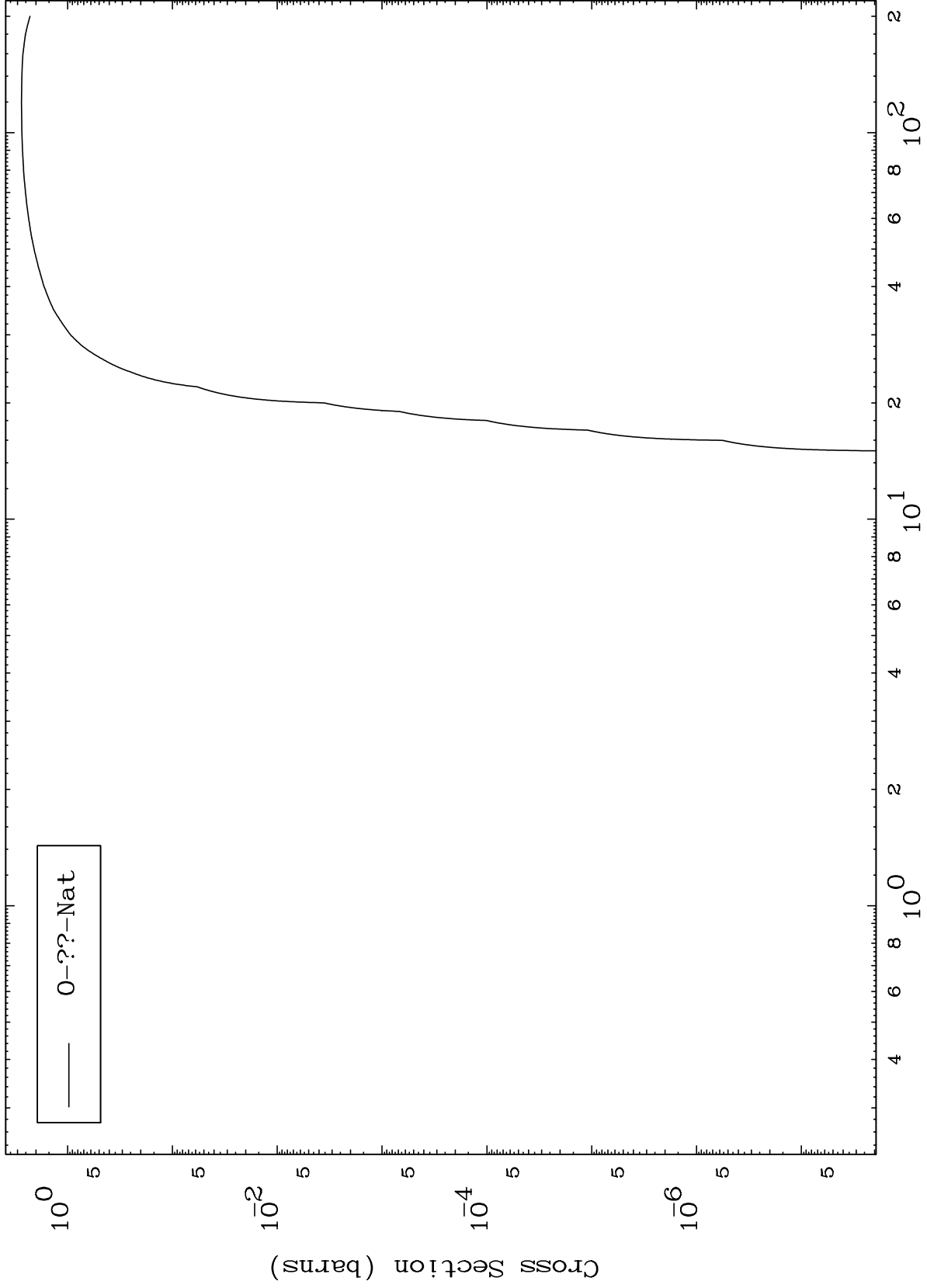
93-Np-243

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Fission

93-Np-243

Radionuclide Production Cross Section

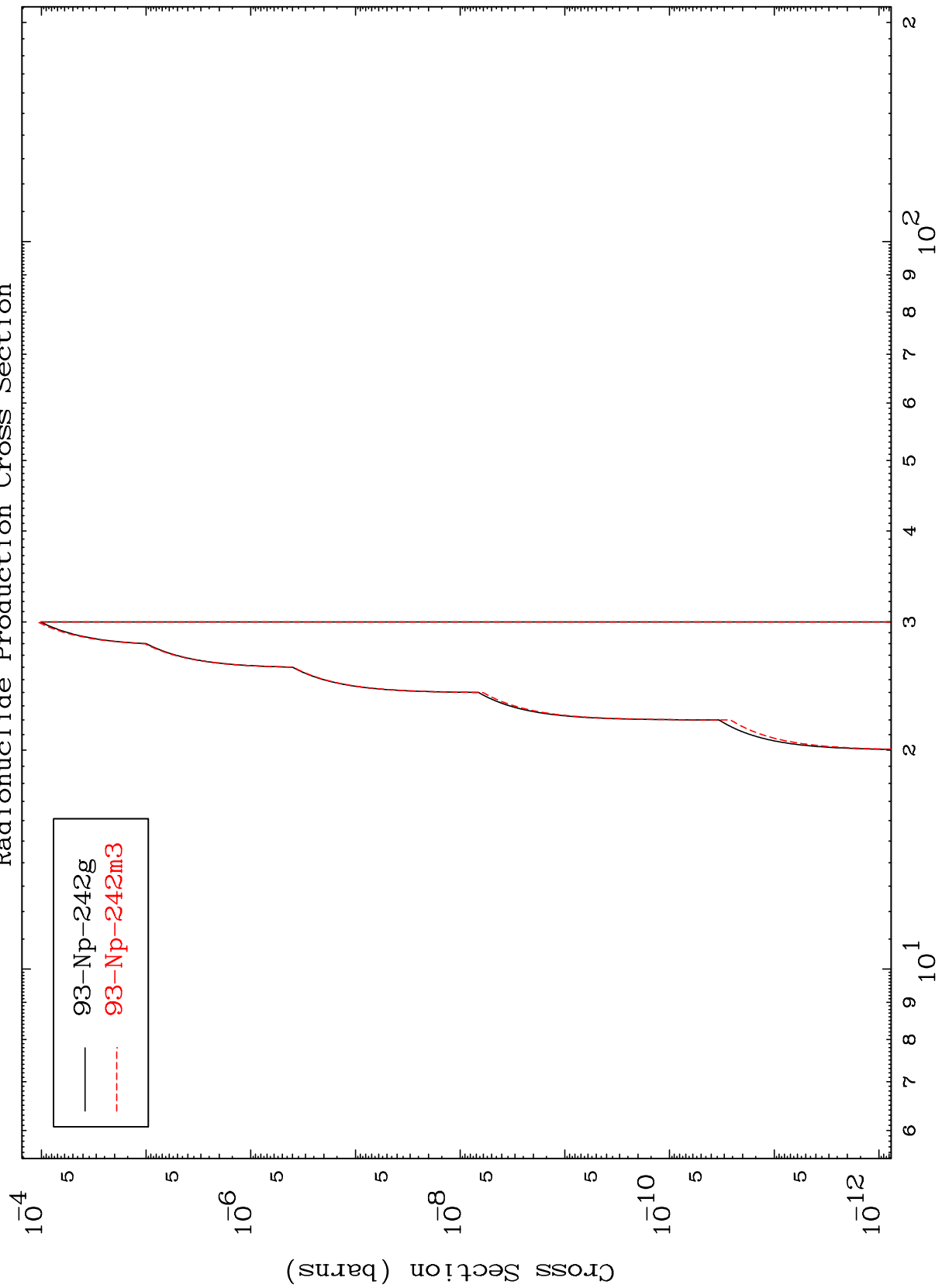


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93-Np-243

(n,n') α

Radionuclide Production Cross Section



93-Np-242g
93-Np-242m3

93-Np-243

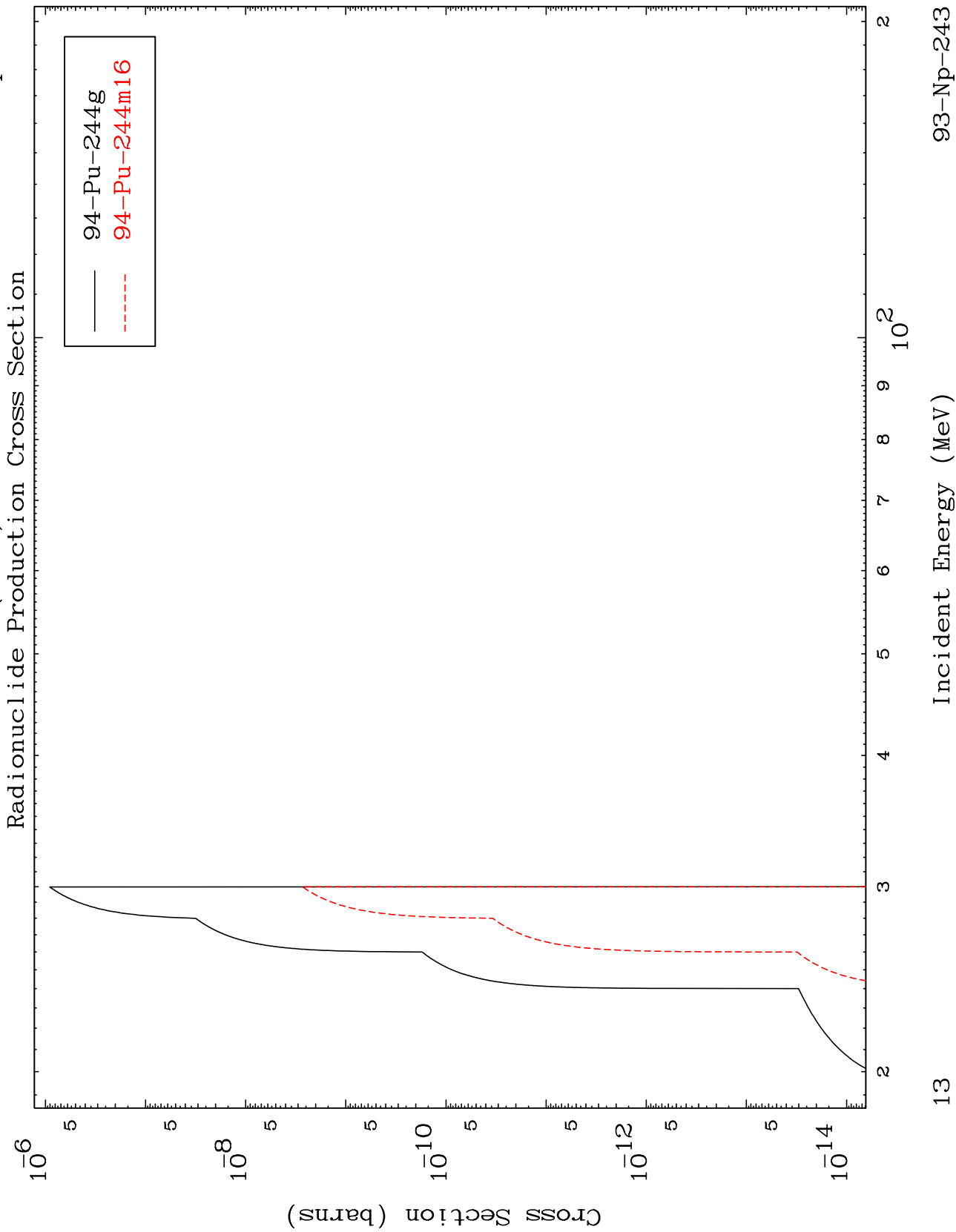
Incident Energy (MeV)

12

MAT 9364

(n,n') d

93-Np-243



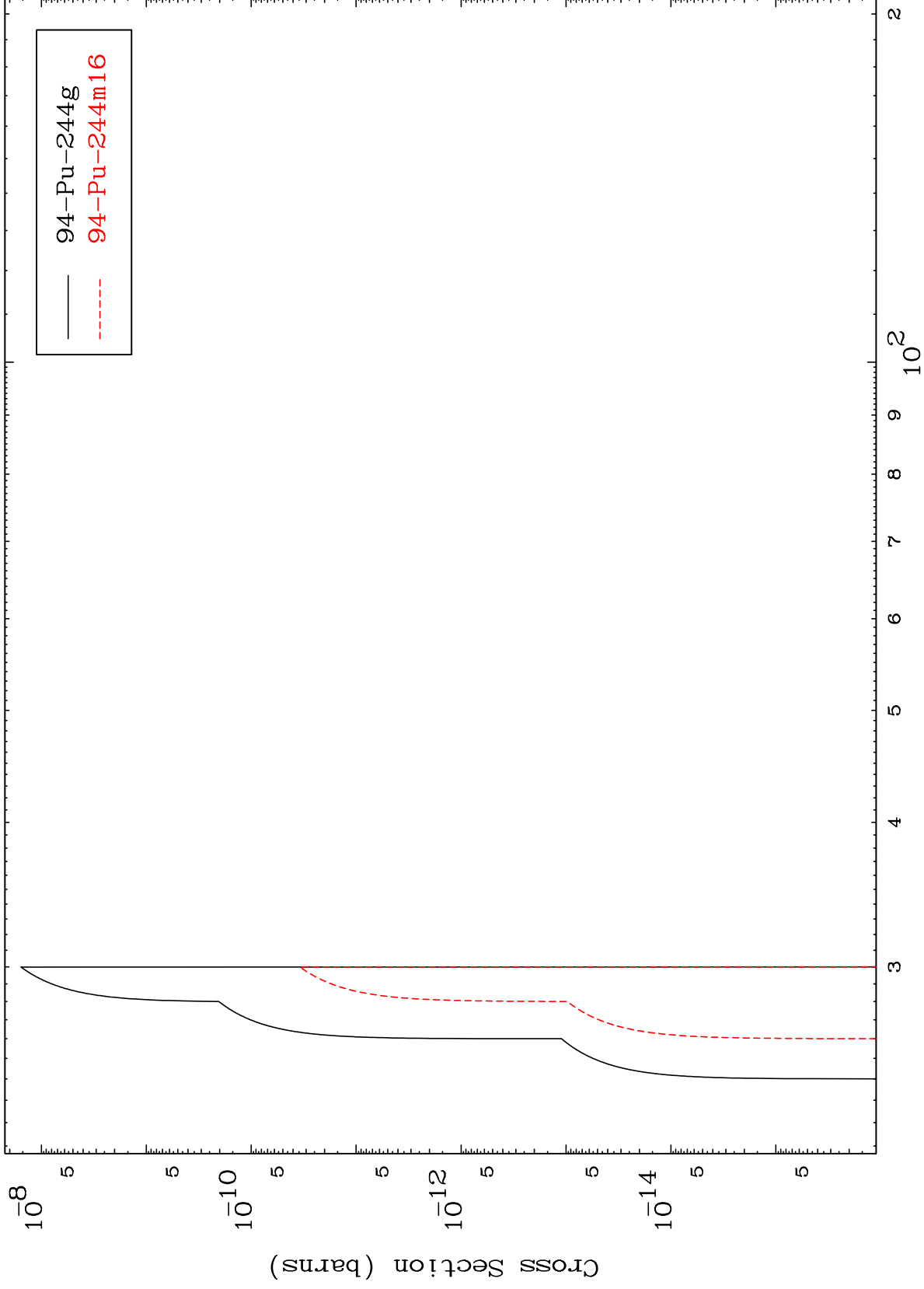
13

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(n,2n) p

93-Np-243

Radionuclide Production Cross Section



14

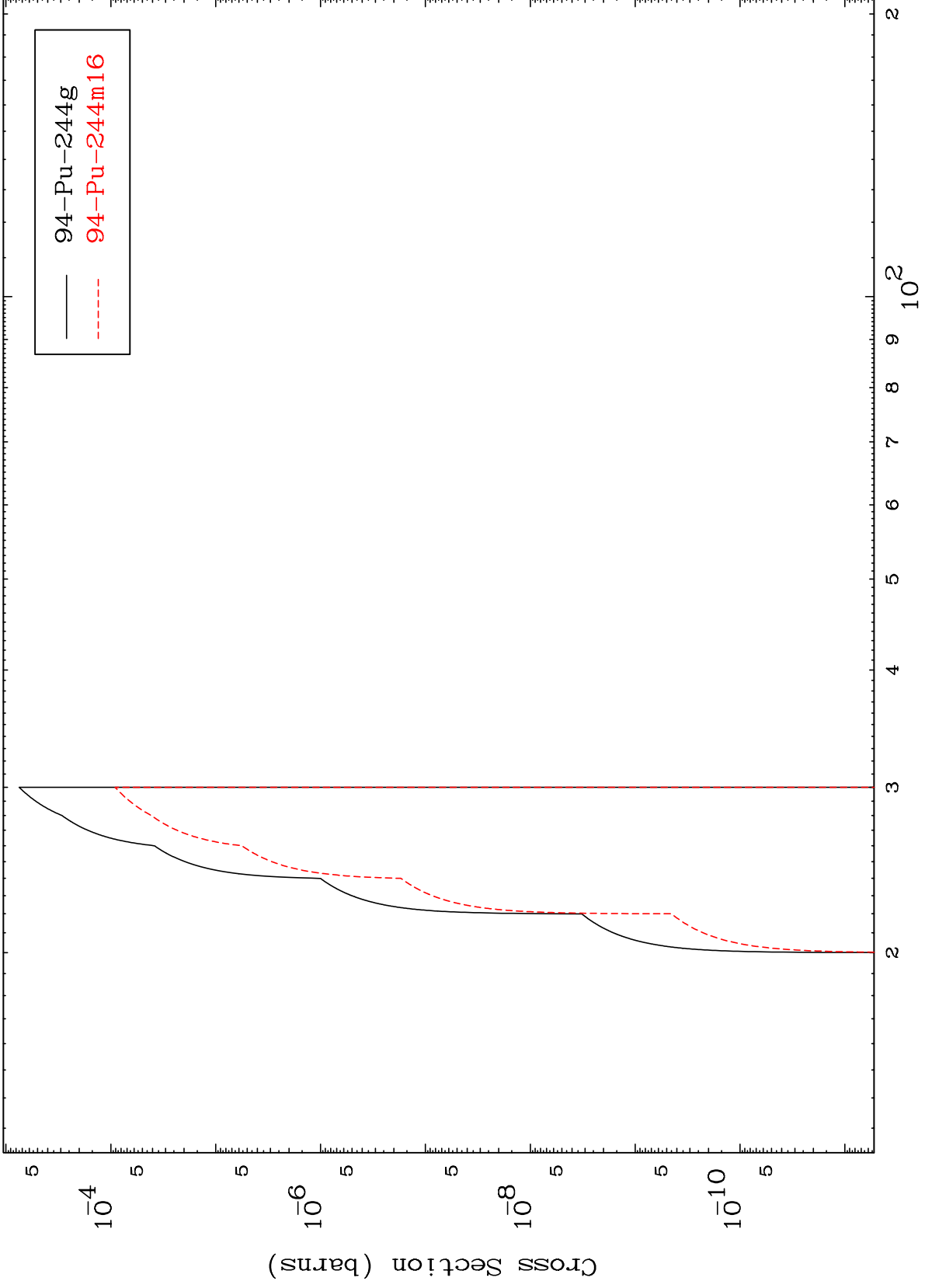
Incident Energy (MeV)

93-Np-243

MAT 9364

93-Np-243

(n, t)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

93-Np-243