

Program EVALPLOT
(Version 2018-1)

by

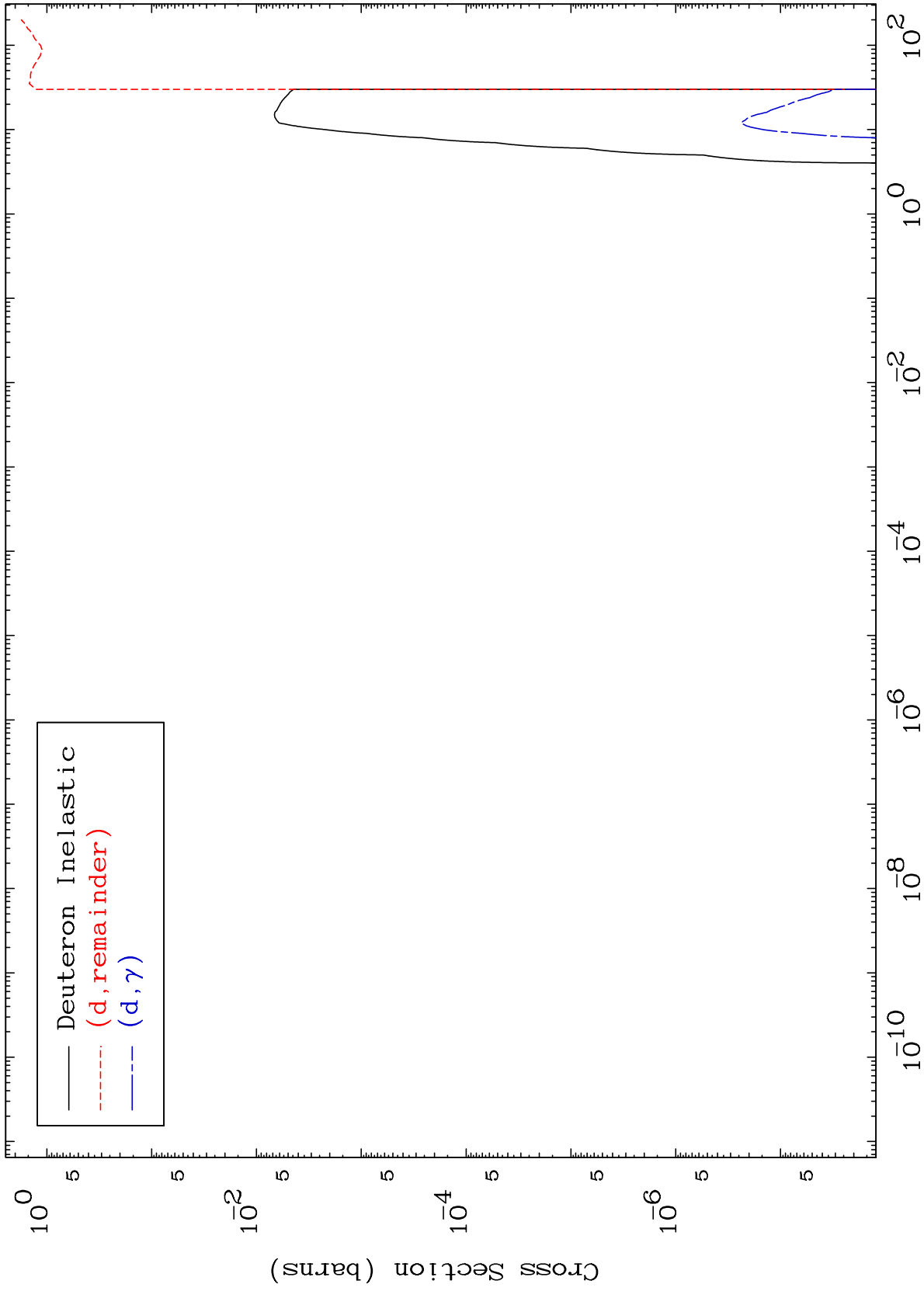
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

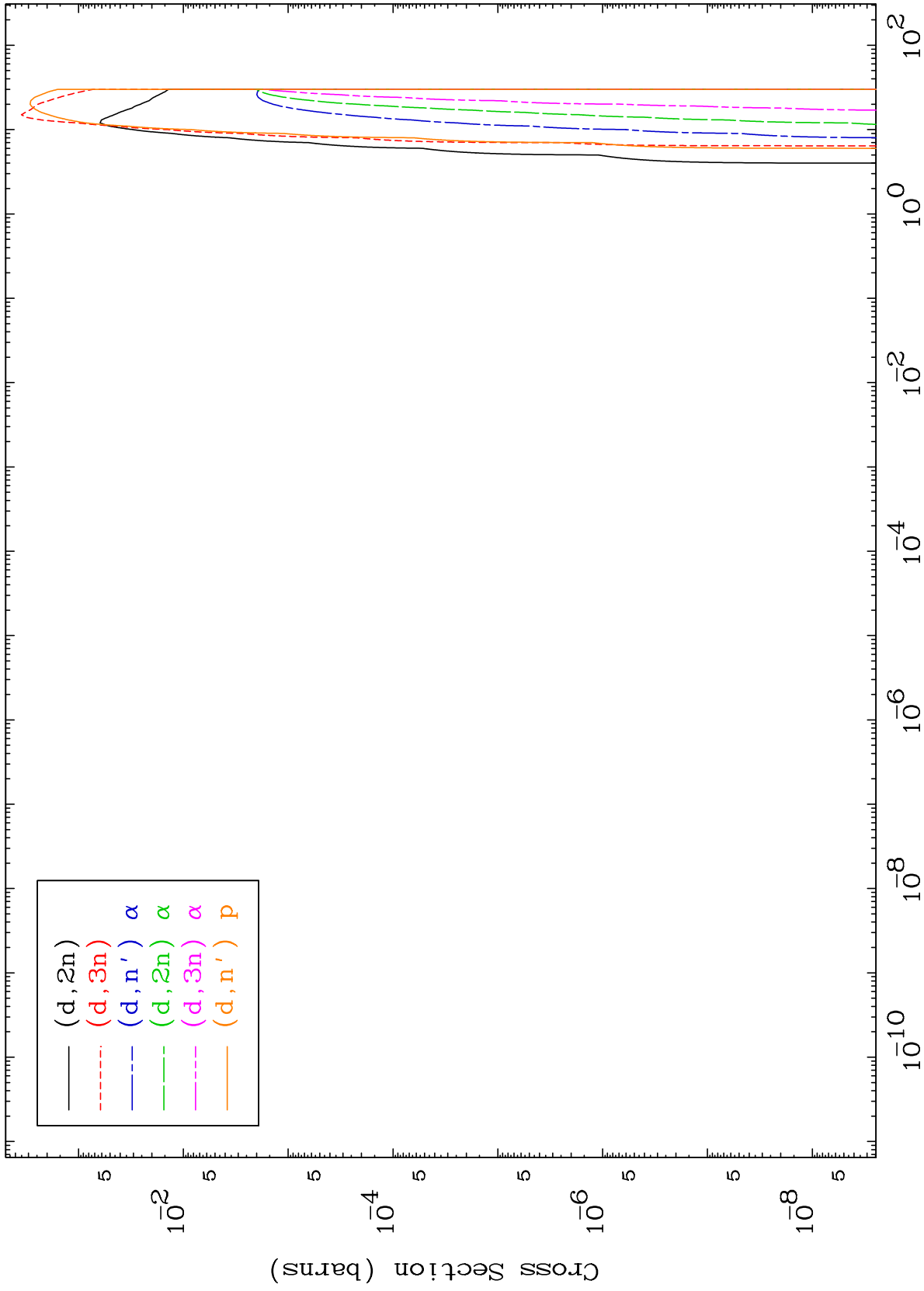
Press Mouse Button to Start



MAT 9362

Deuteron Neutron Production
0 Kelvin Cross Sections

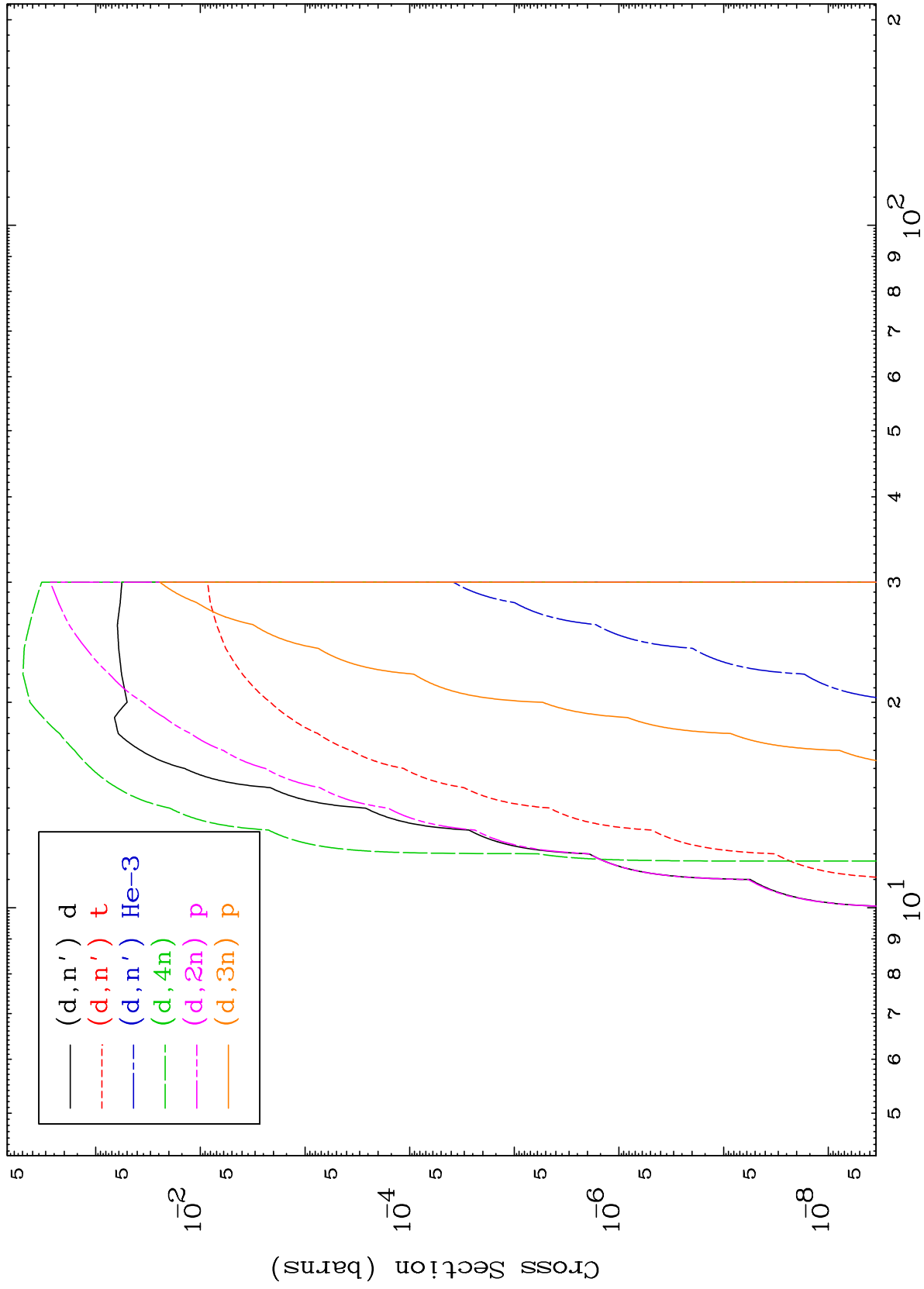
93-Np-242



2

Incident Energy (MeV)

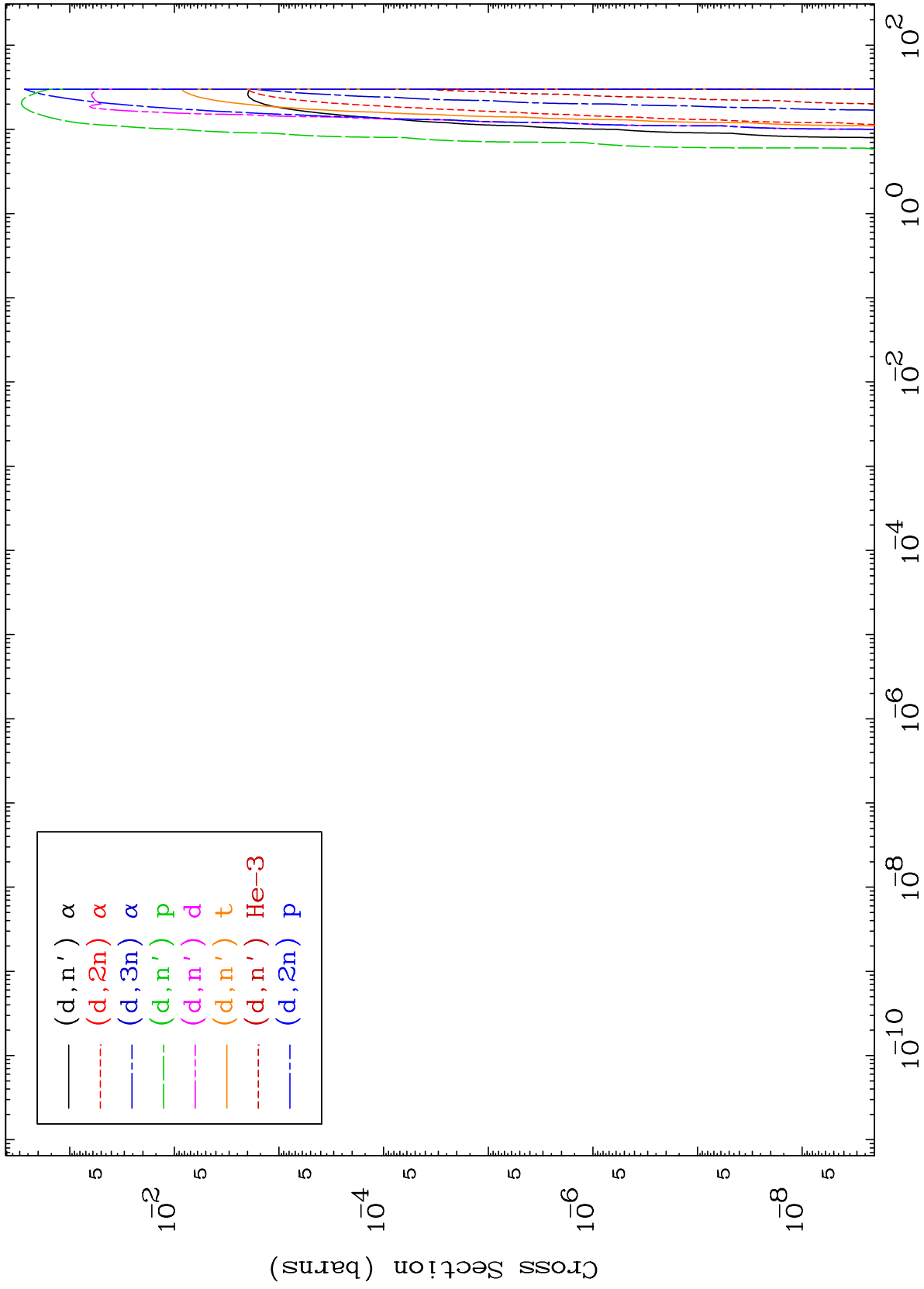
93-Np-242



MAT 9362

Deuteron Charged Particle
0 Kelvin Cross Sections

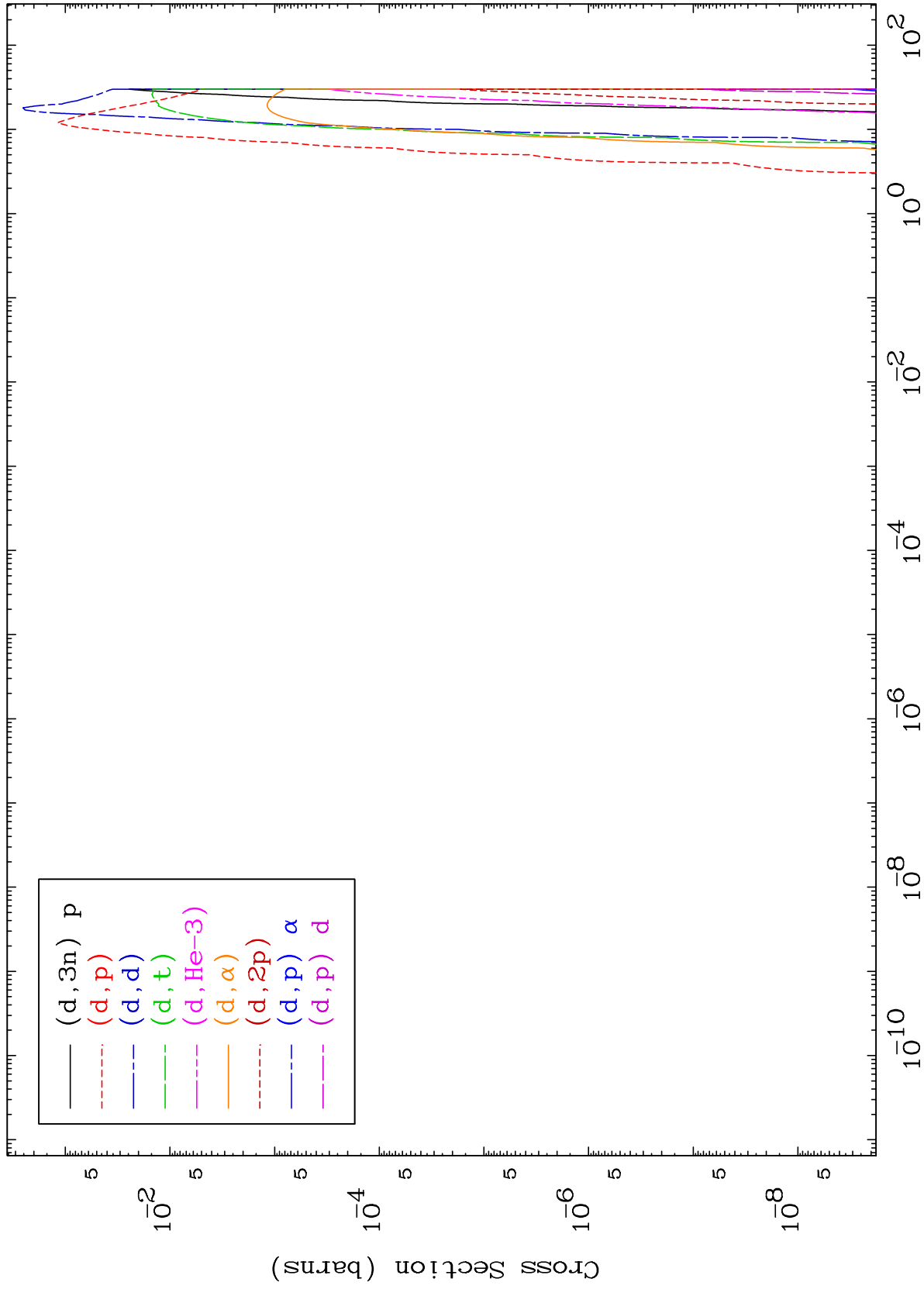
93-Np-242



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Deuteron Charged Particle
0 Kelvin Cross Sections

93-Np-242



5

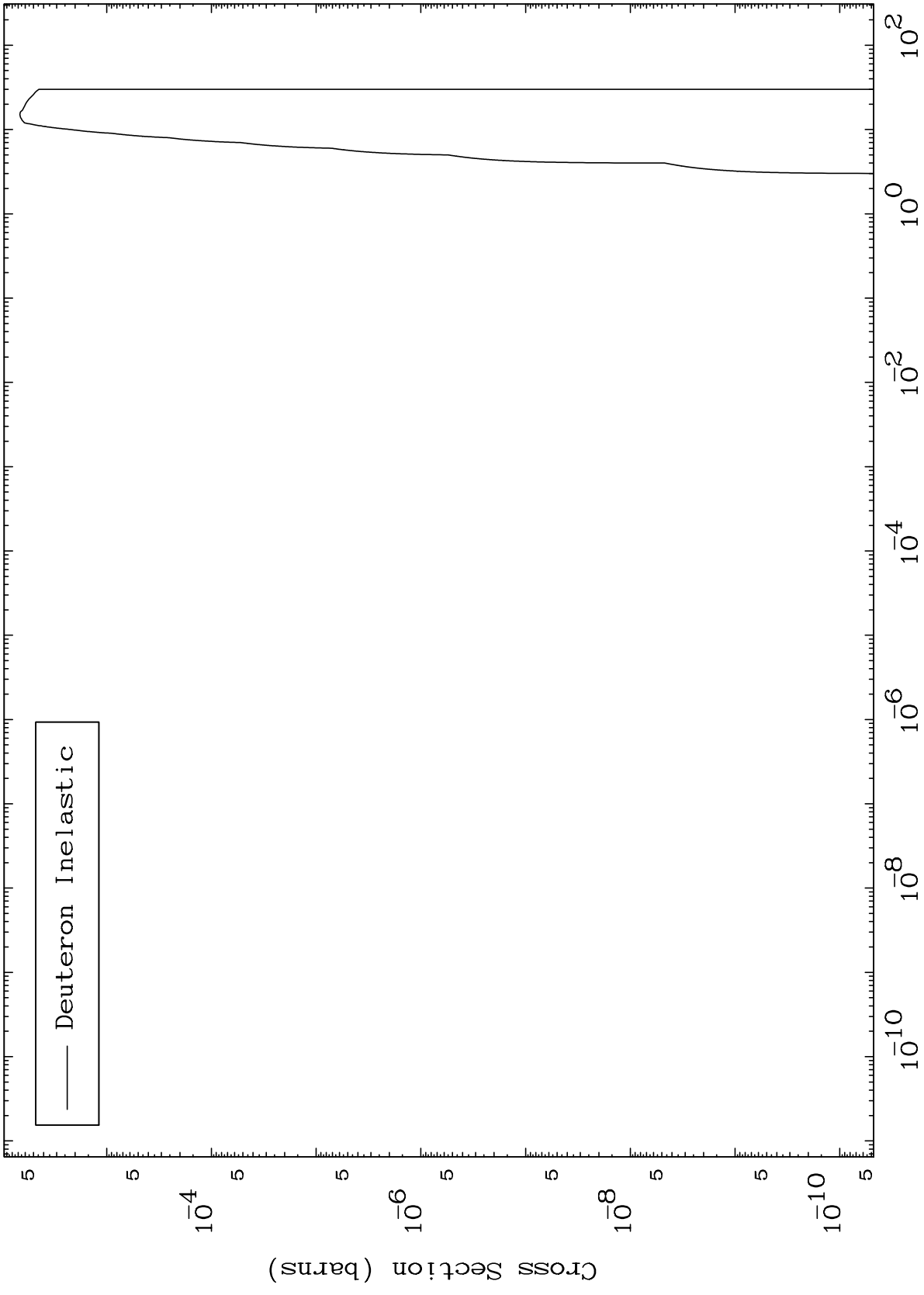
Incident Energy (MeV)

93-Np-242

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(d,n') Level
0 Kelvin Cross Sections

93-Np-242

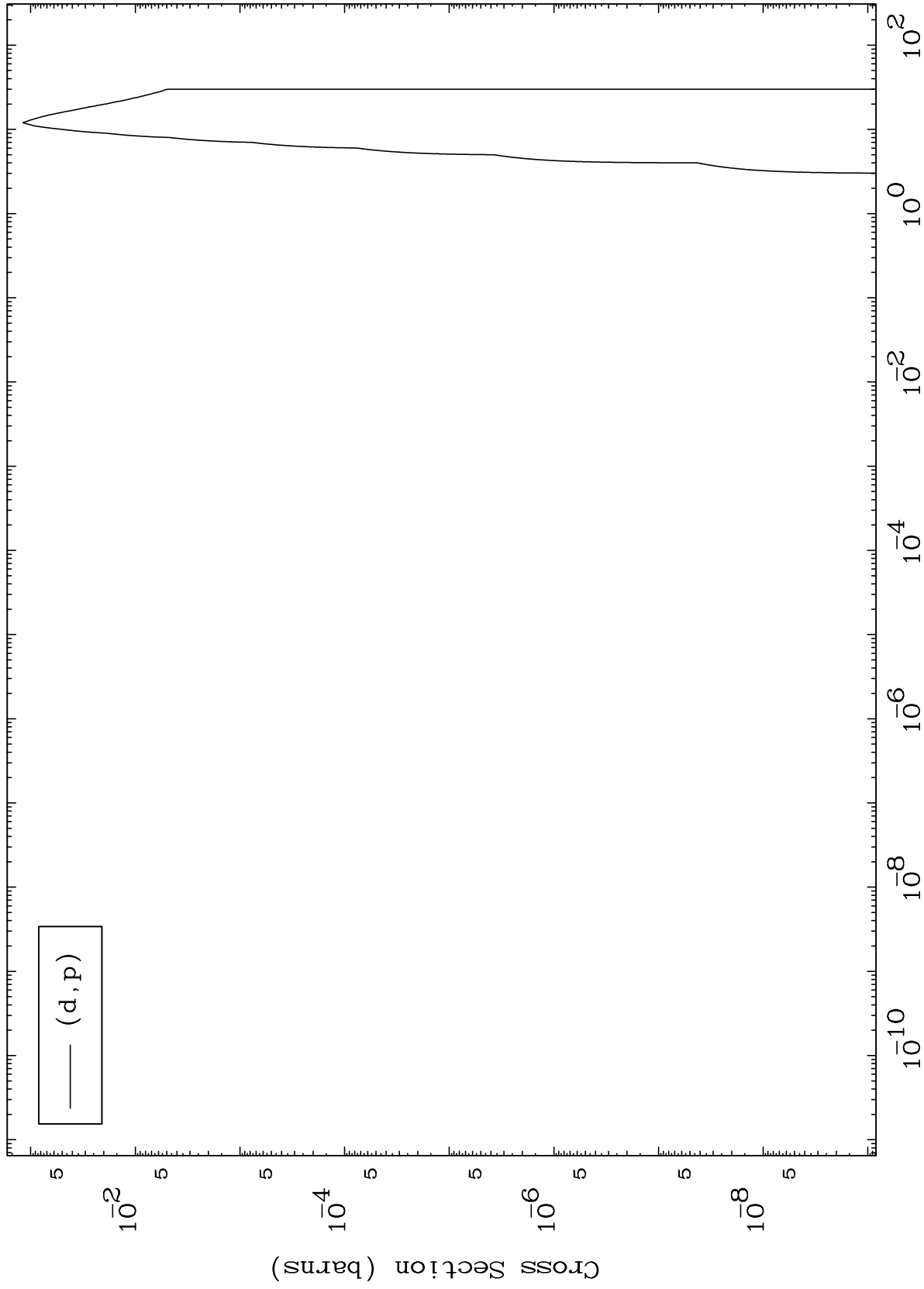


93-Np-242

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(d,p) Levels
0 Kelvin Cross Sections

93-Np-242



7

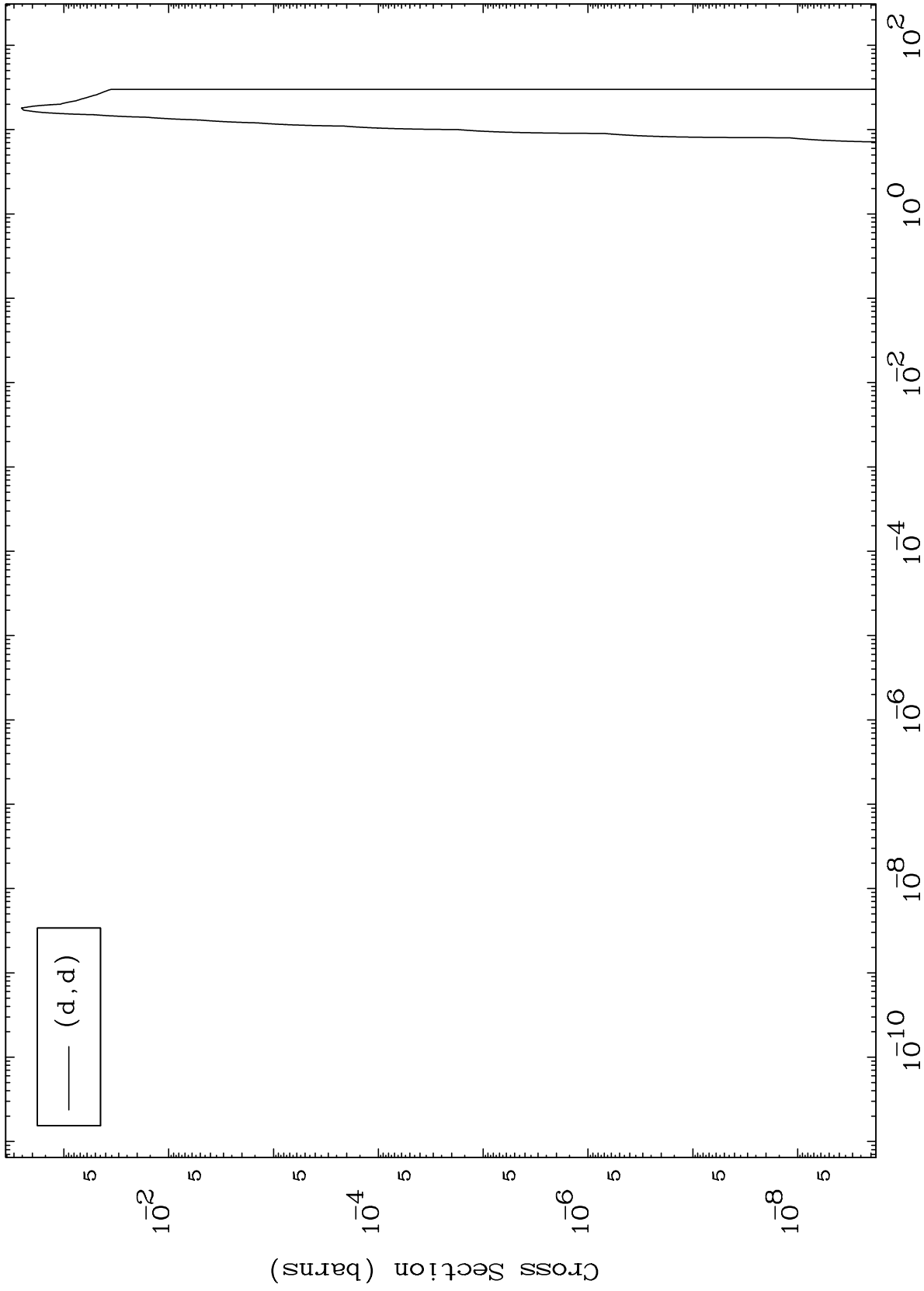
Incident Energy (MeV)

93-Np-242

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(d,d) Levels
0 Kelvin Cross Sections

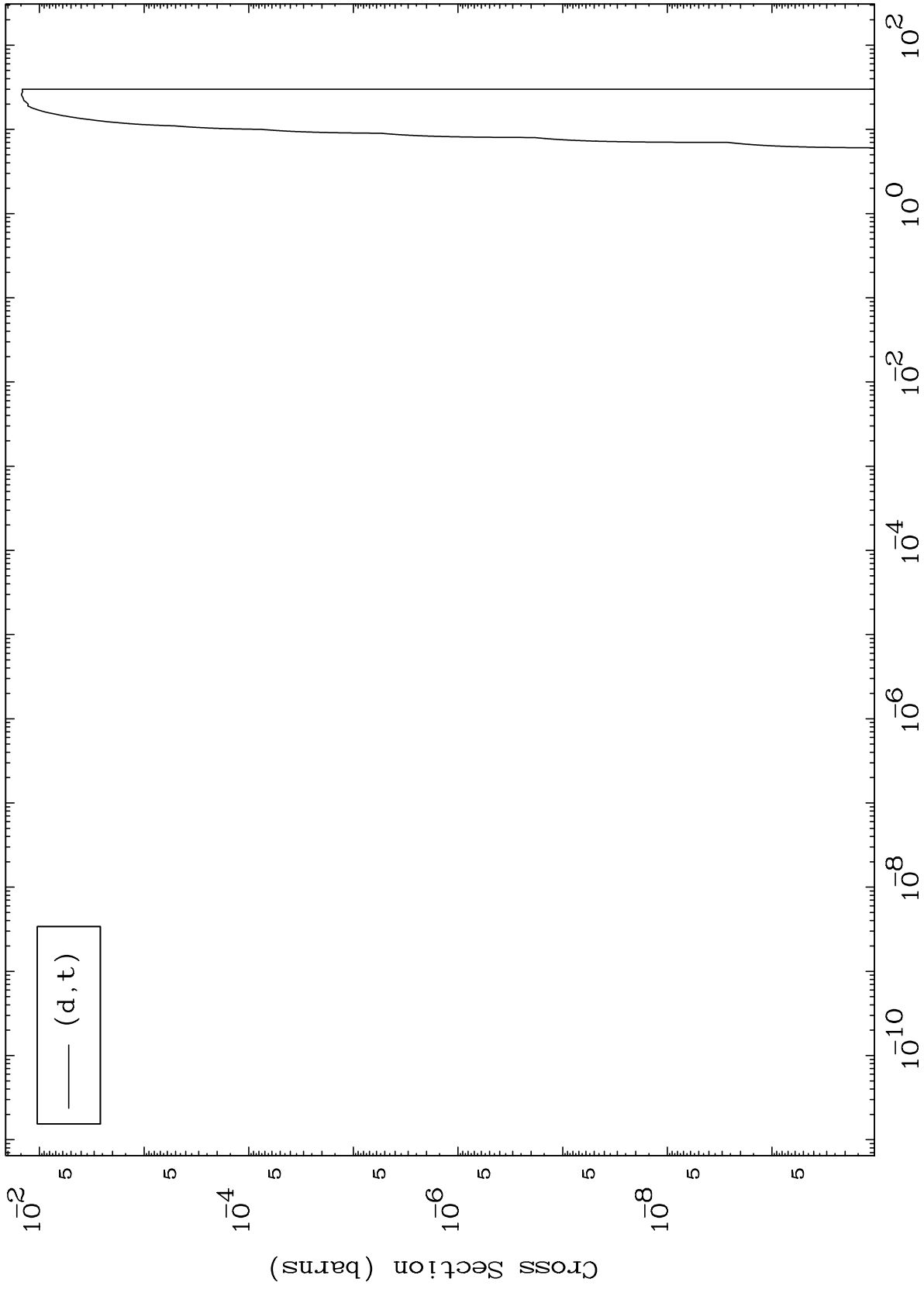
93-Np-242



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(d,t) Levels
0 Kelvin Cross Sections

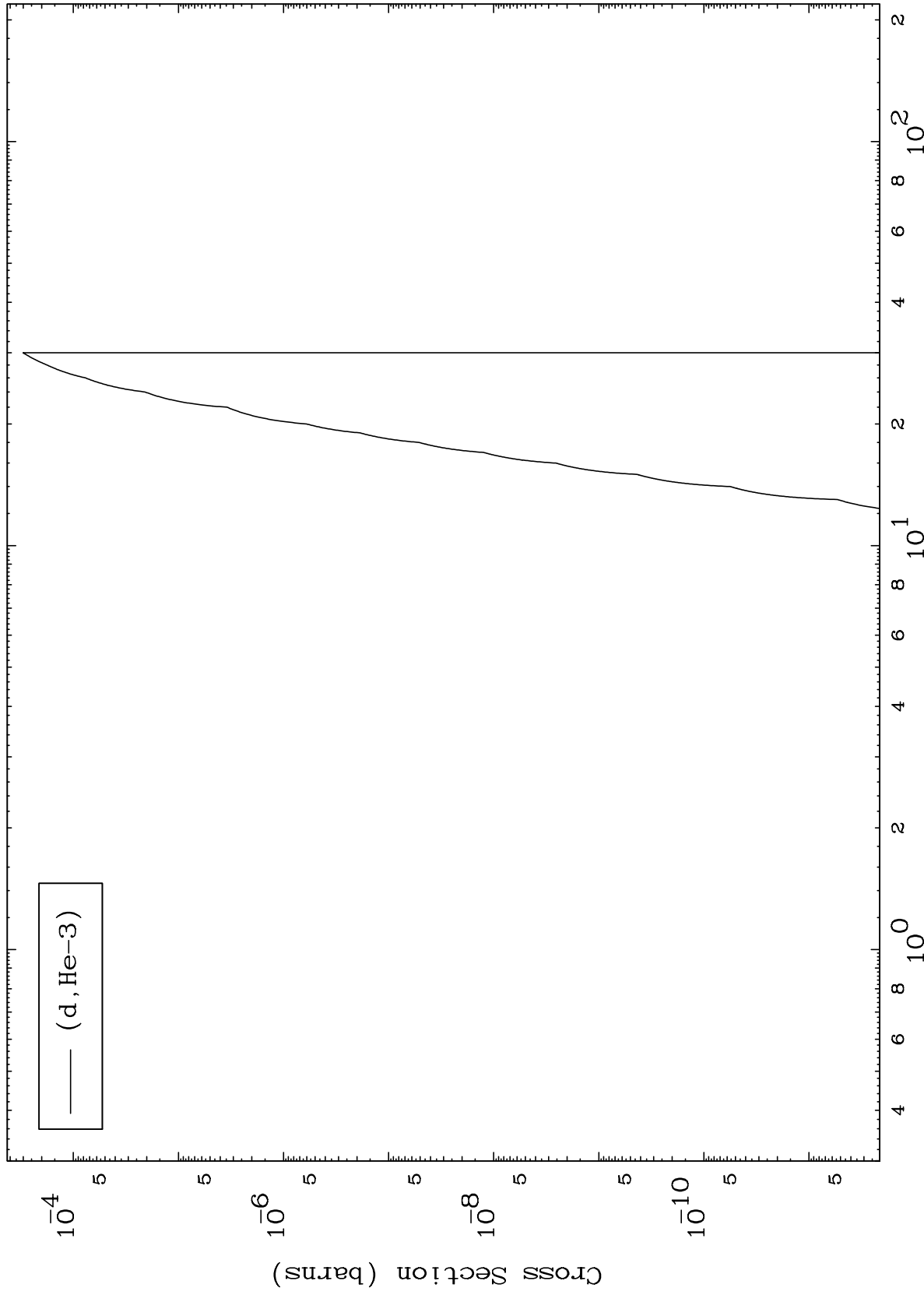
93-Np-242



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(d,He3) Levels
0 Kelvin Cross Sections

93-Np-242



10

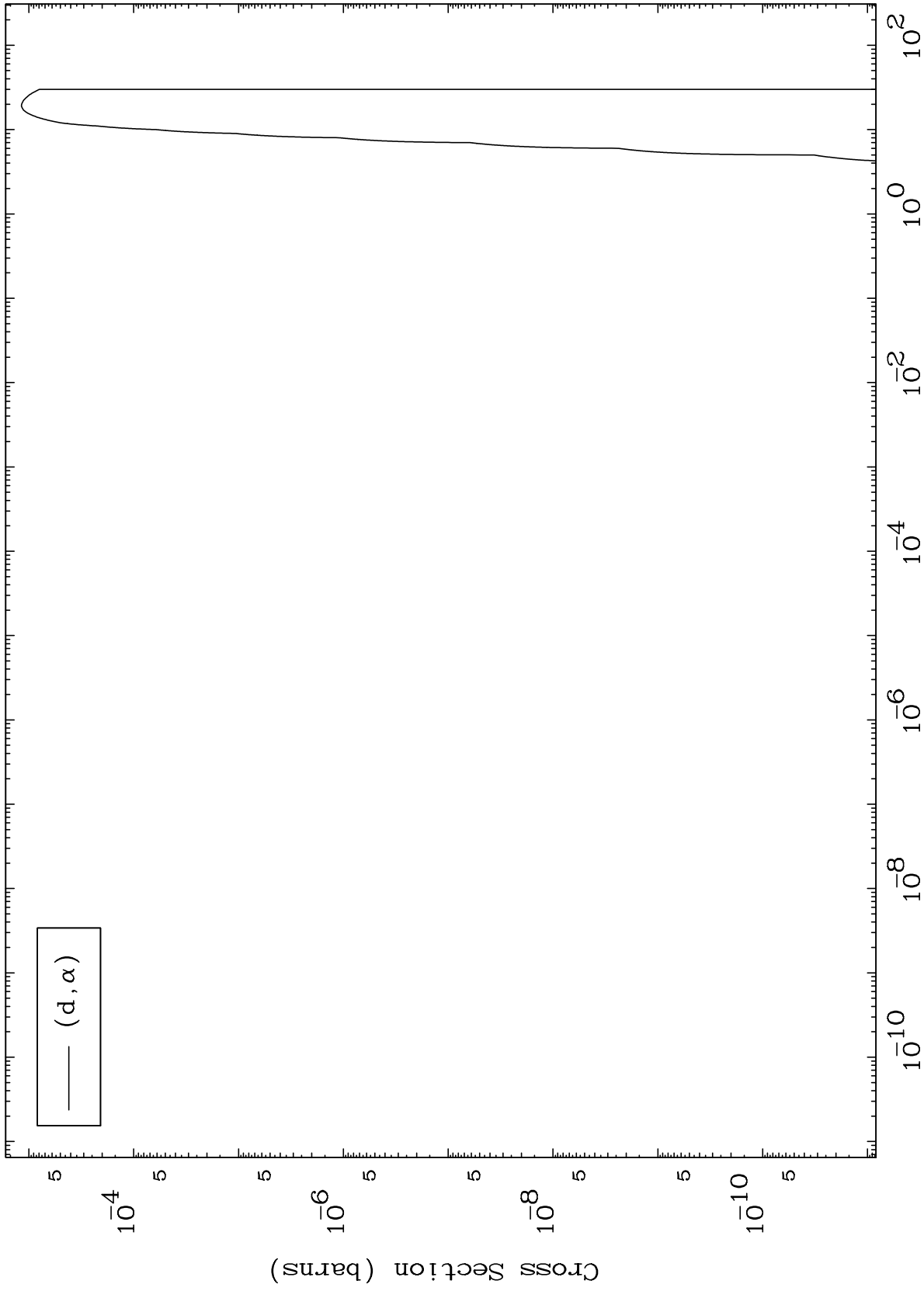
Incident Energy (MeV)

93-Np-242

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(d, α) Levels
0 Kelvin Cross Sections

93-Np-242



11

Incident Energy (MeV)

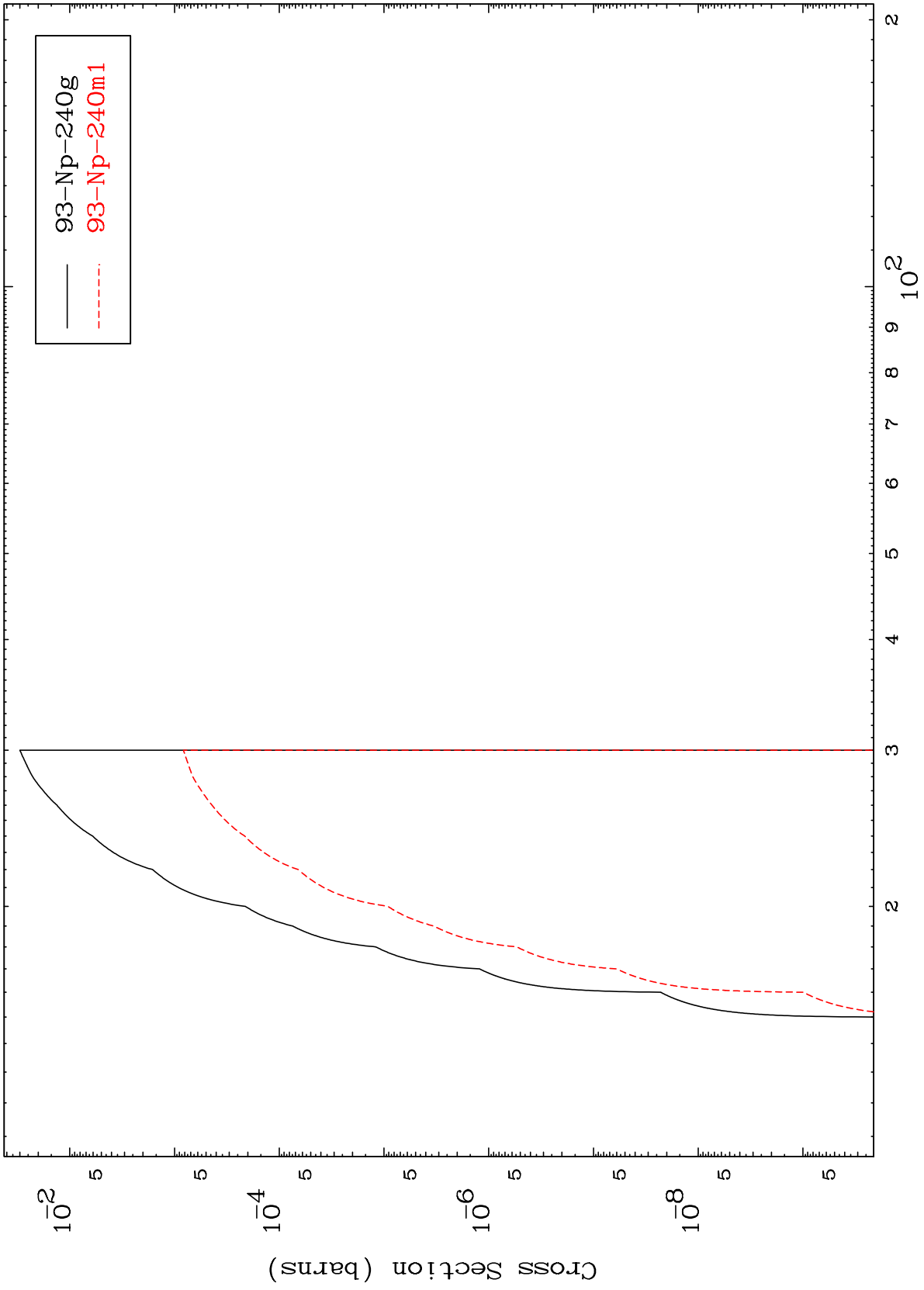
93-Np-242

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(d,2n) d

⁹³Np-242

Radionuclide Production Cross Section



12

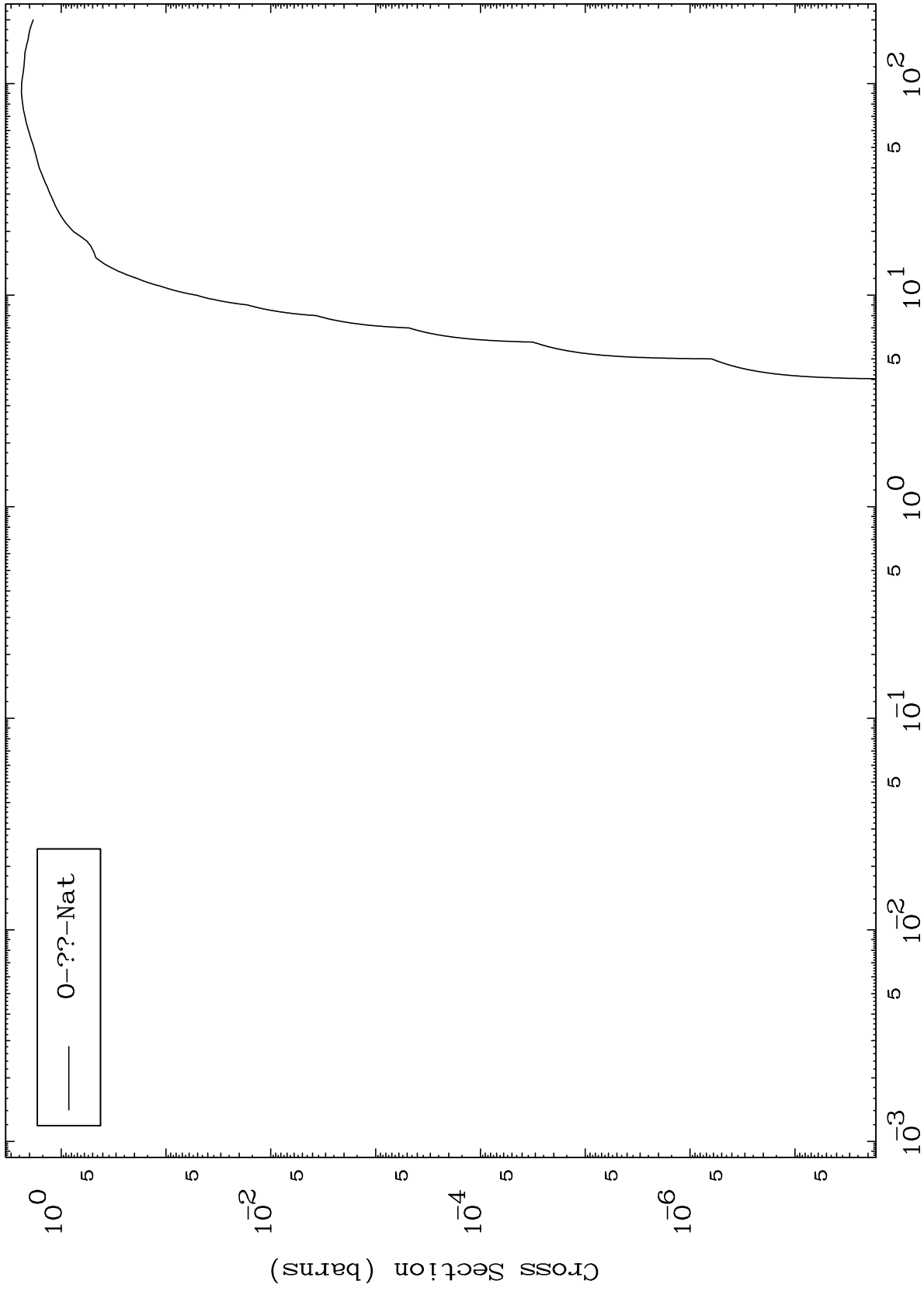
Incident Energy (MeV)

⁹³Np-242

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Deuteron Fission
Radionuclide Production Cross Section

93-Np-242



13

Incident Energy (MeV)

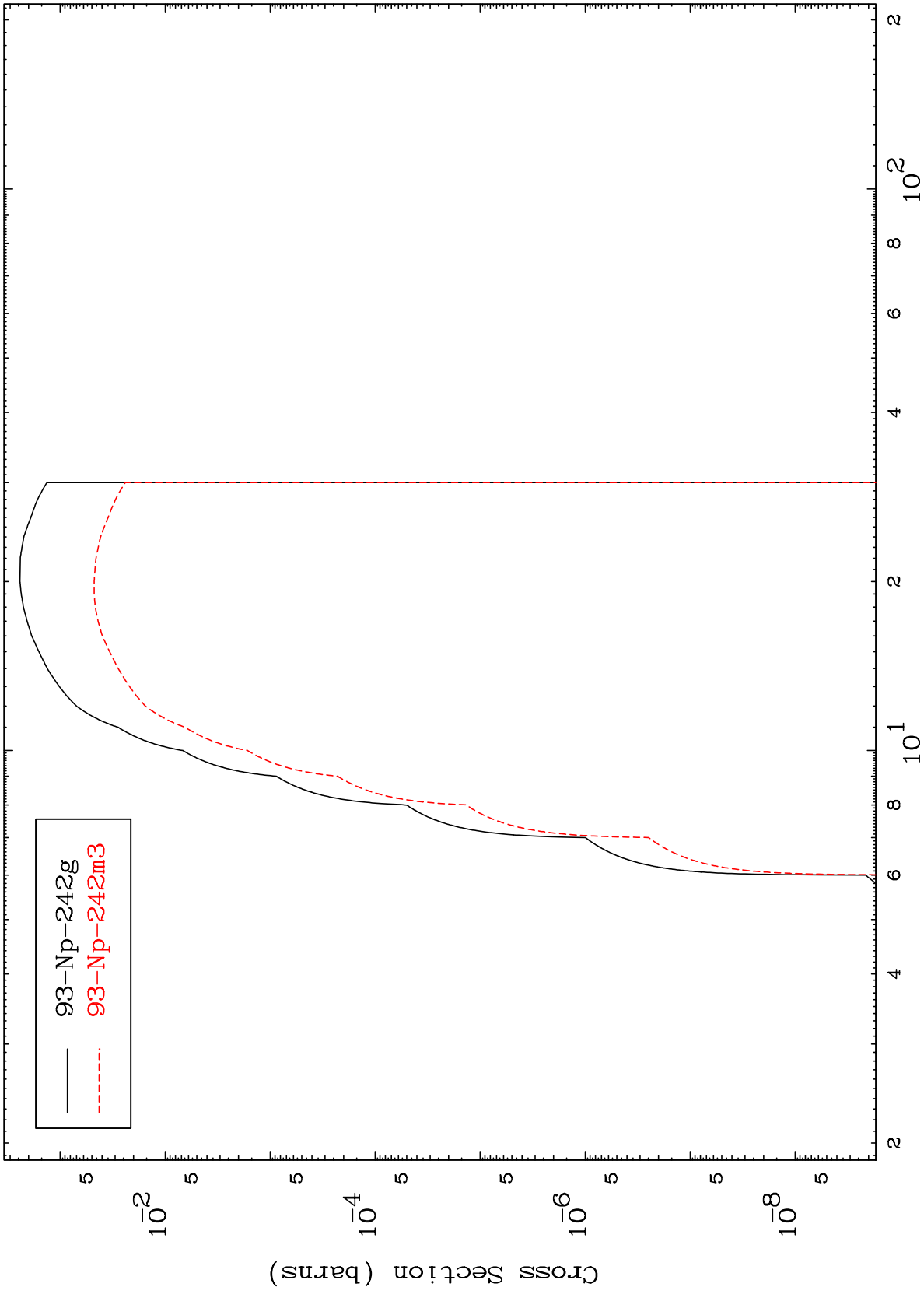
93-Np-242

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(d,n') p

93-Np-242

Radionuclide Production Cross Section



14

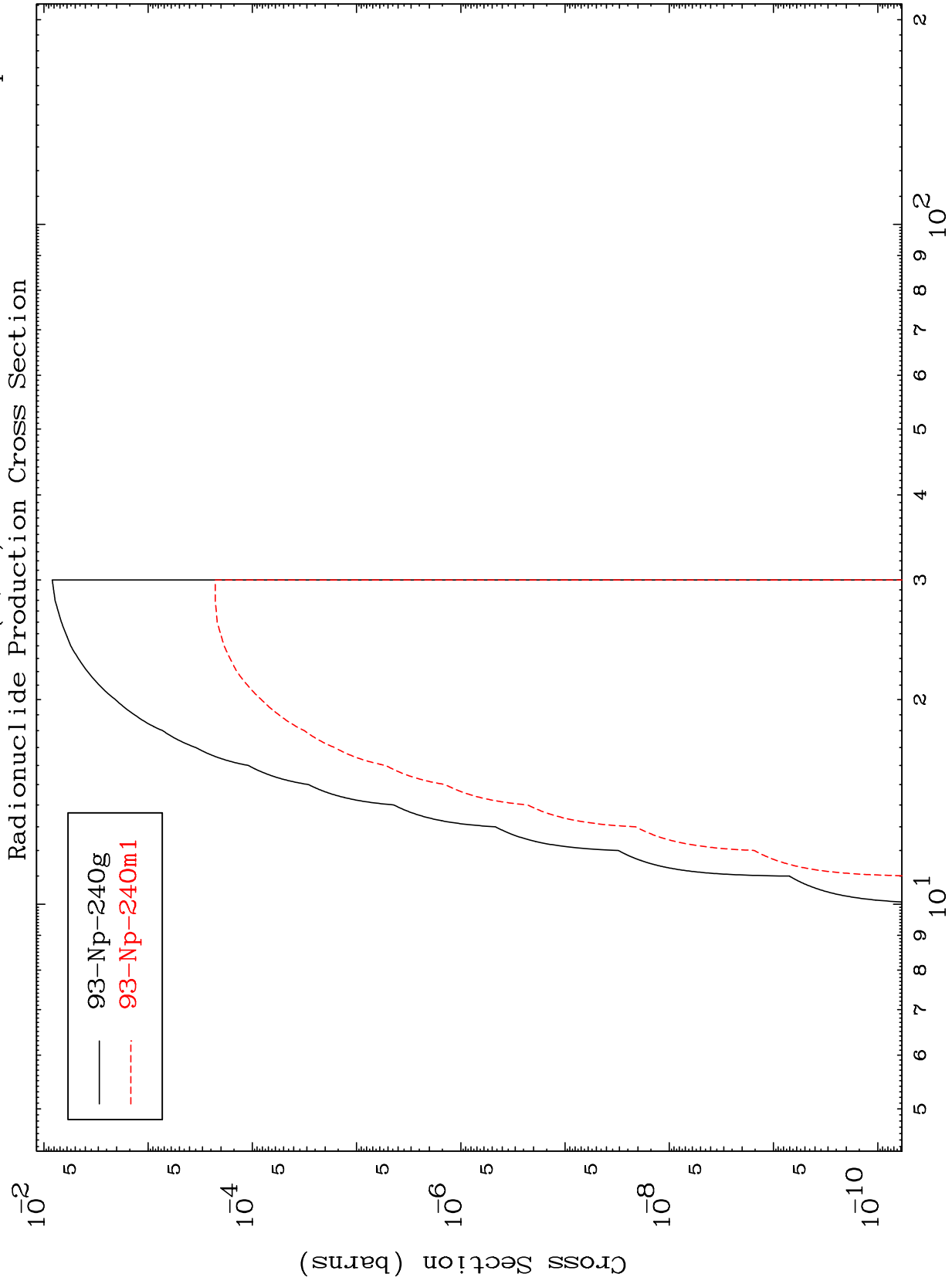
Incident Energy (MeV)

93-Np-242

MAT 9362

(d,n') t

93-Np-242



15

Incident Energy (MeV)

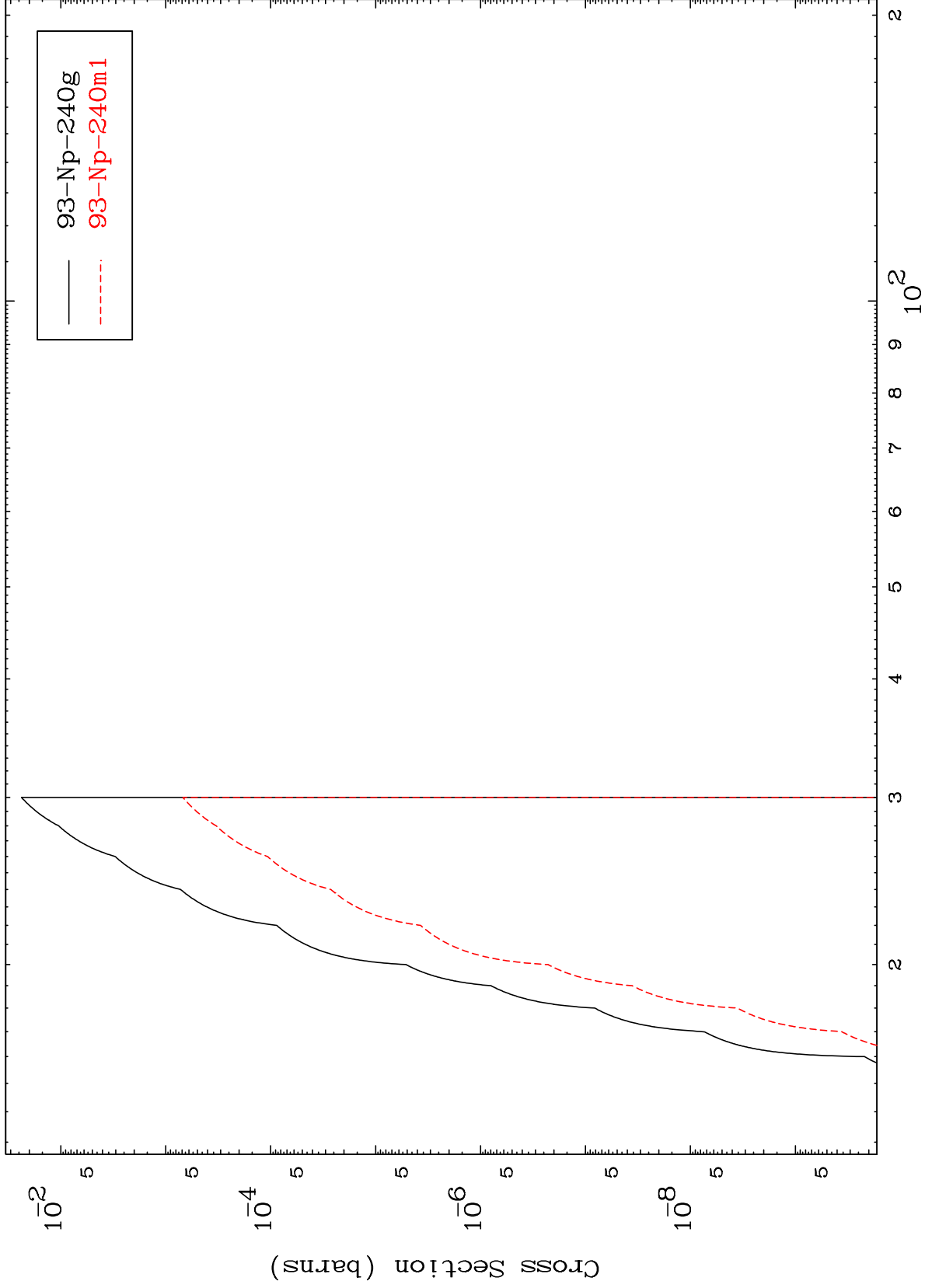
93-Np-242

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(d,3n) p

⁹³Np-242

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁹³Np-242

MAT 9362

(d,d)

93-Np-242

Radionuclide Production Cross Section

