

Program EVALPLOT
(Version 2018-1)

by

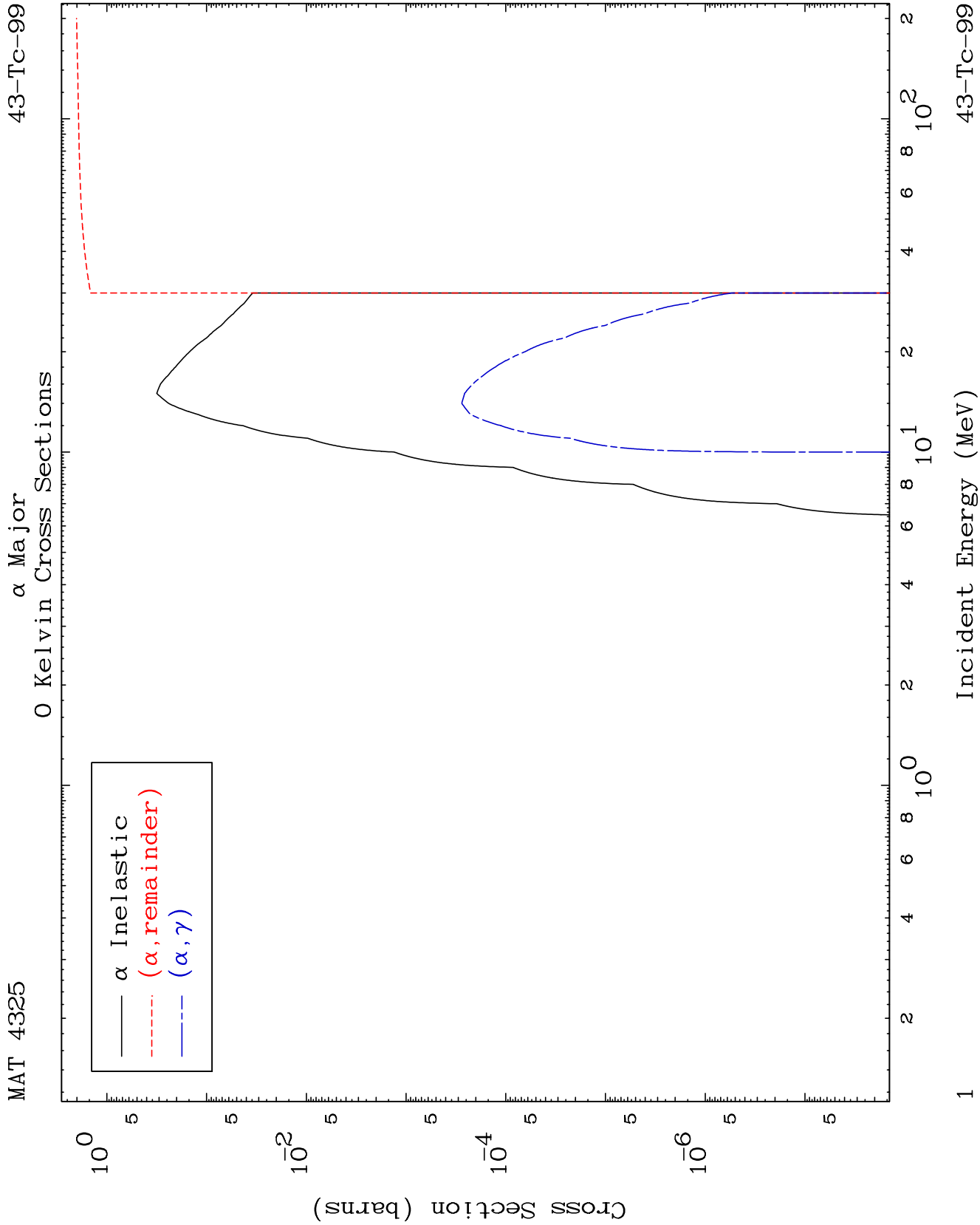
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

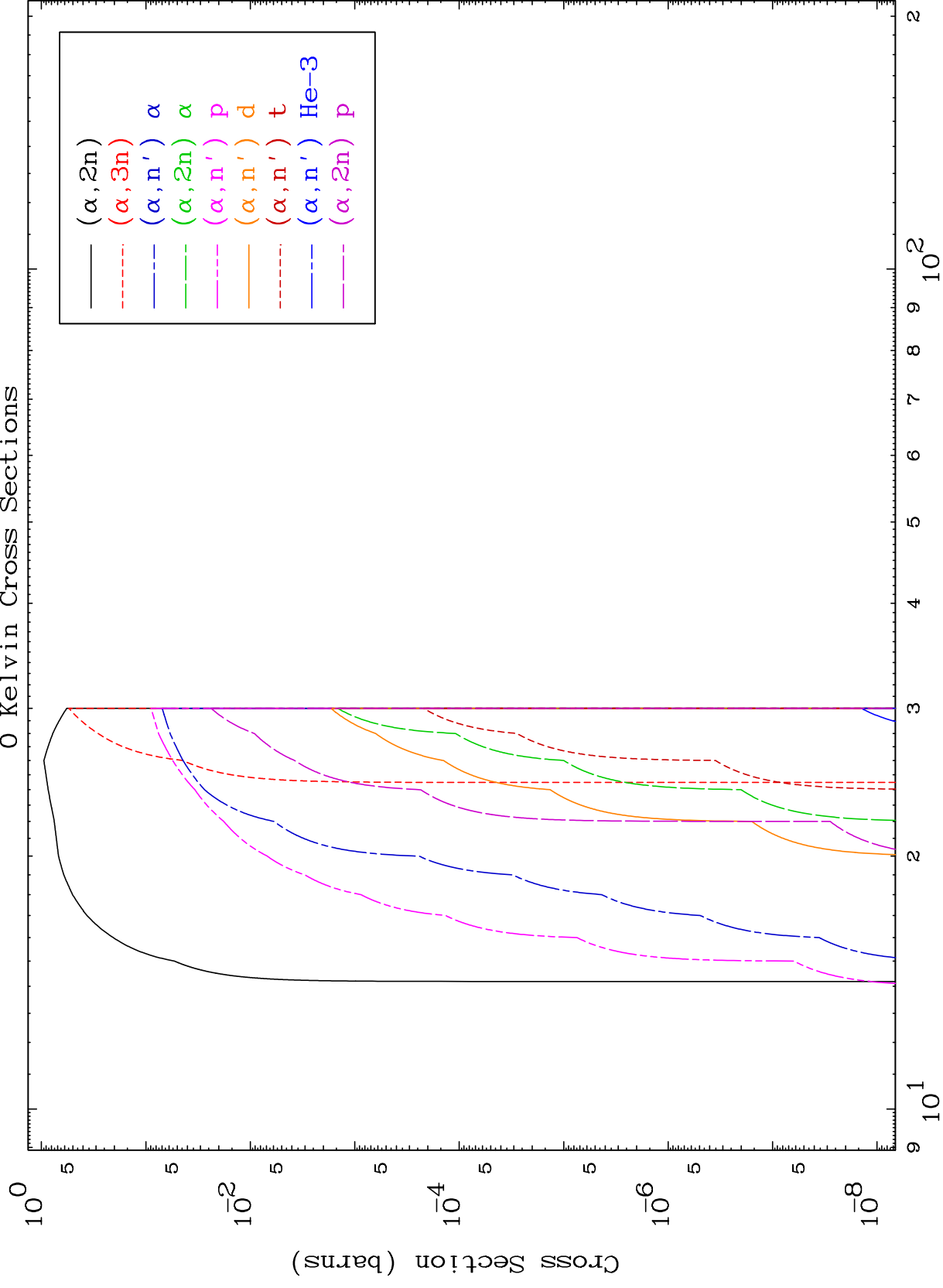
Press Mouse Button to Start



MAT 4325

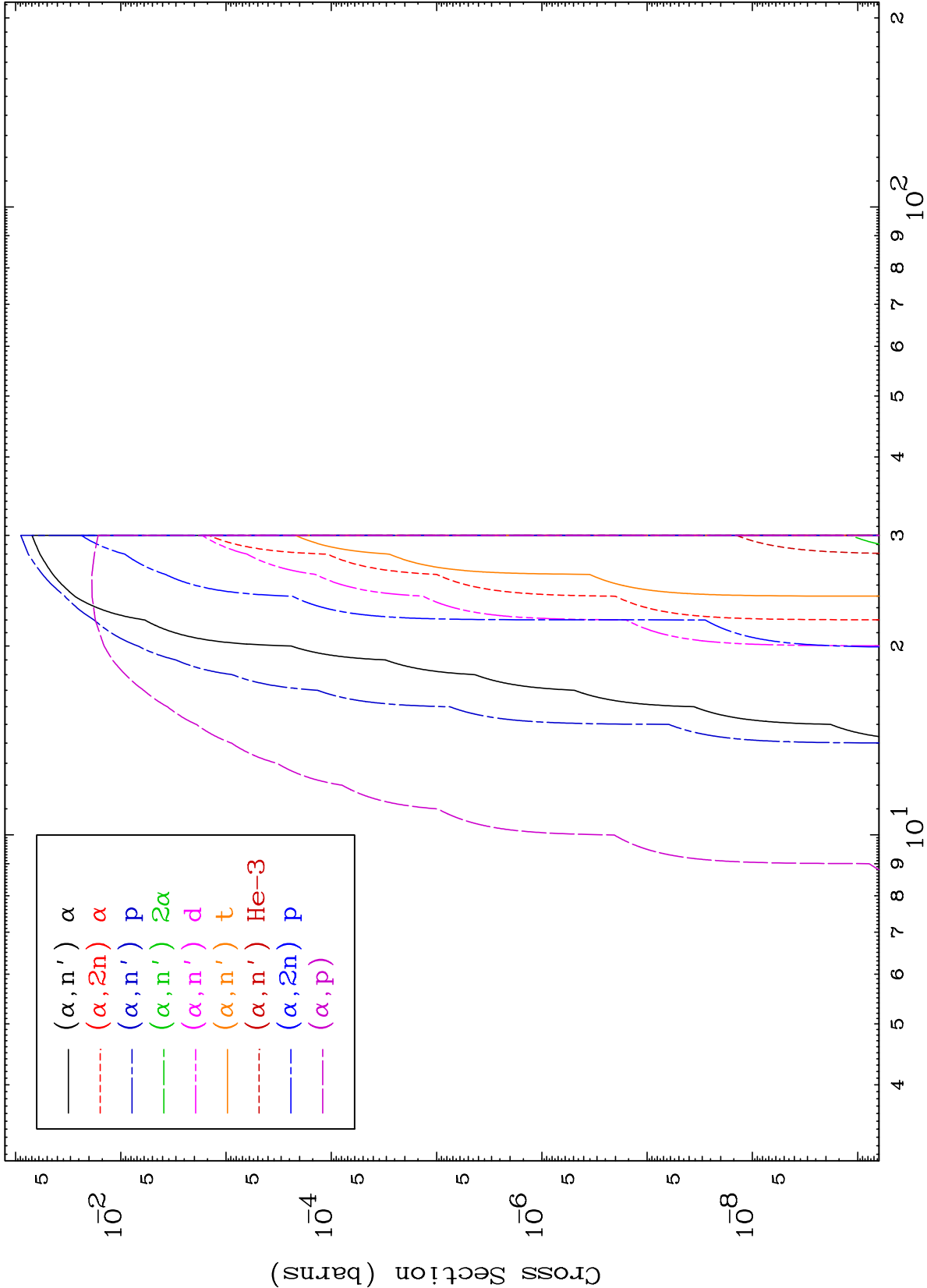
α Neutron Production Kelvin Cross Sections

43-Tc-99



Incident Energy (MeV)

43-Tc-99

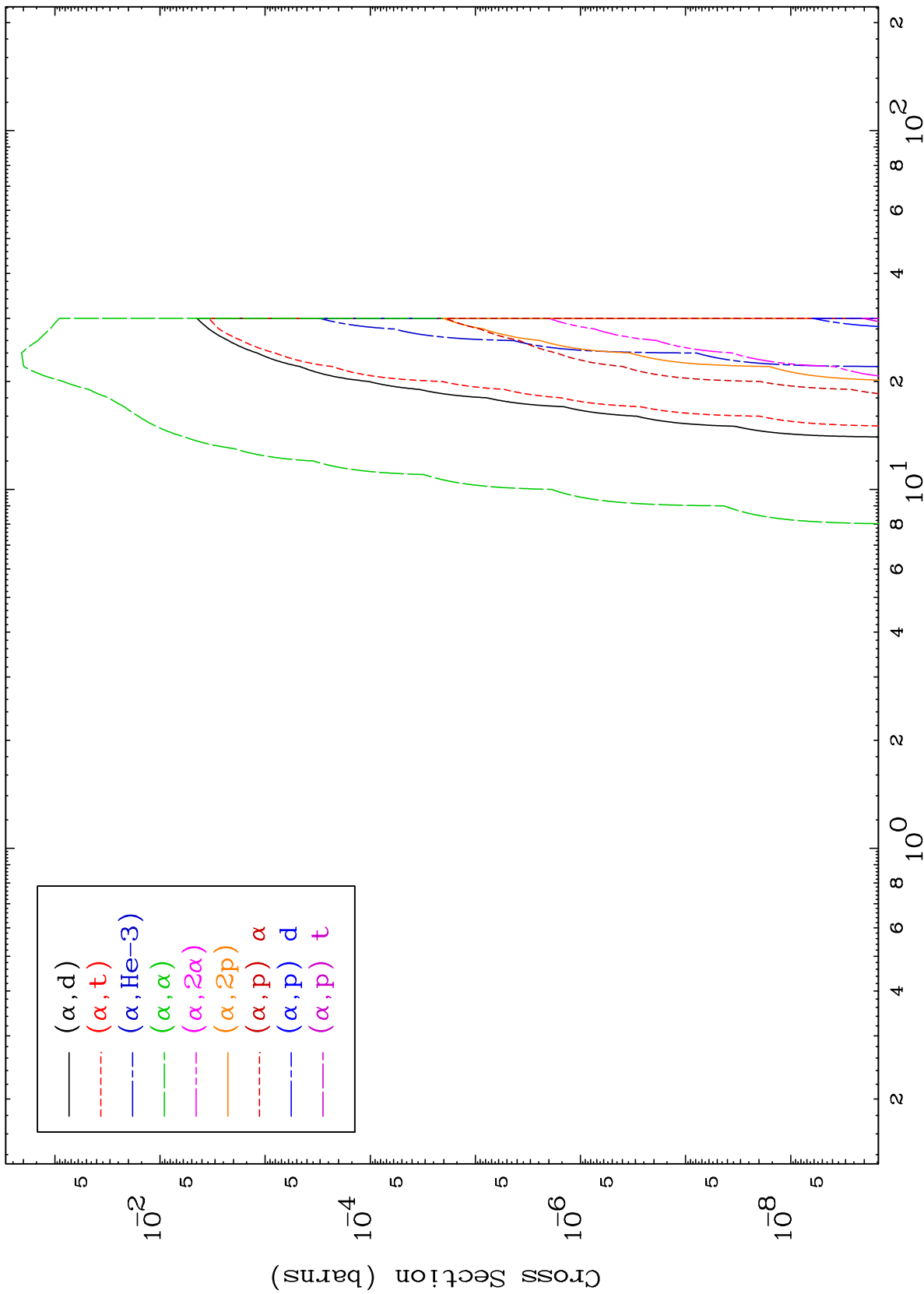


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α Charged Particle

43-Tc-99

0 Kelvin Cross Sections

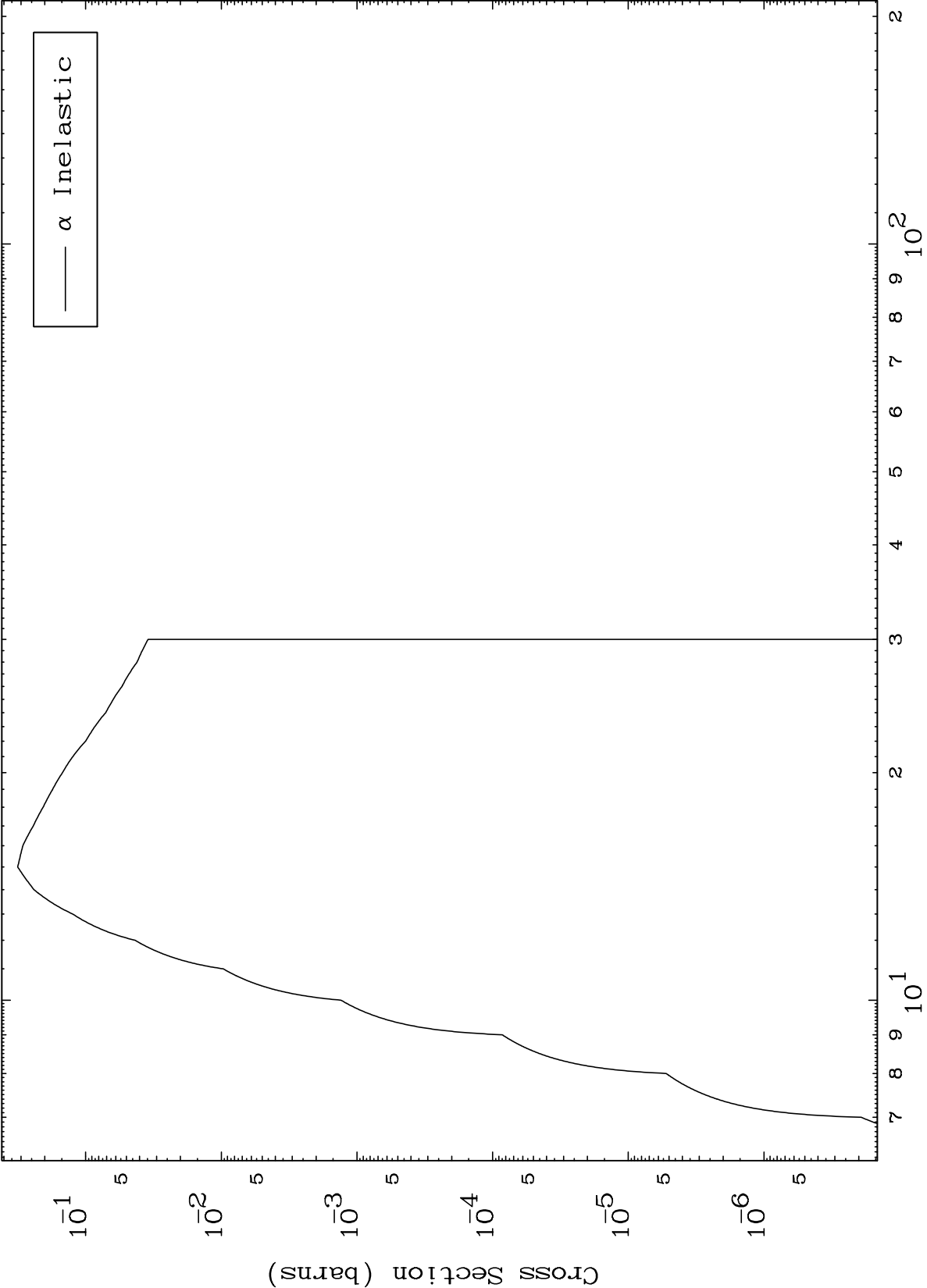


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(α, n') Level

43-Tc-99

0 Kelvin Cross Sections



Incident Energy (MeV)

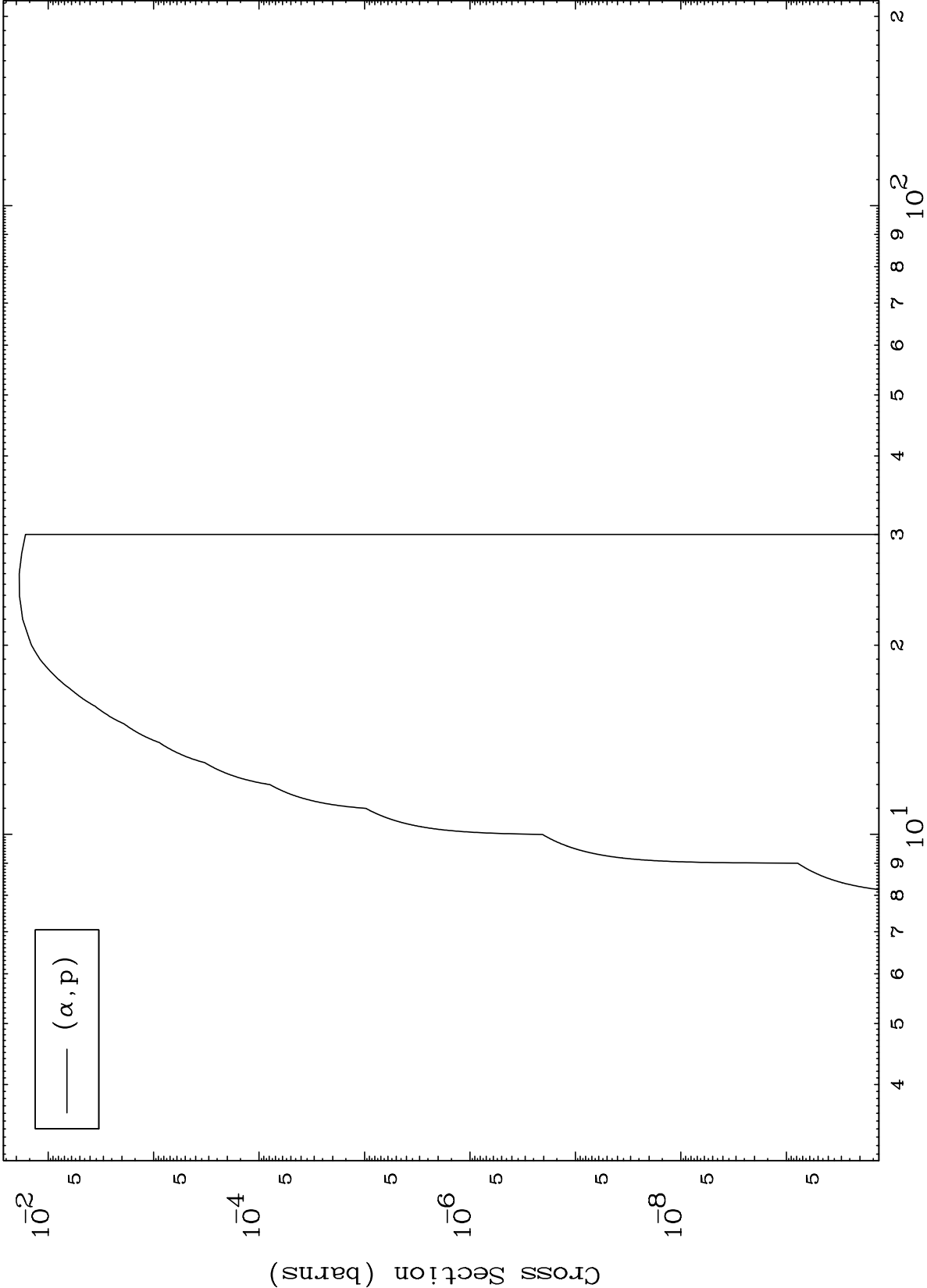
43-Tc-99

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(α ,p) Levels

43-Tc-99

0 Kelvin Cross Sections

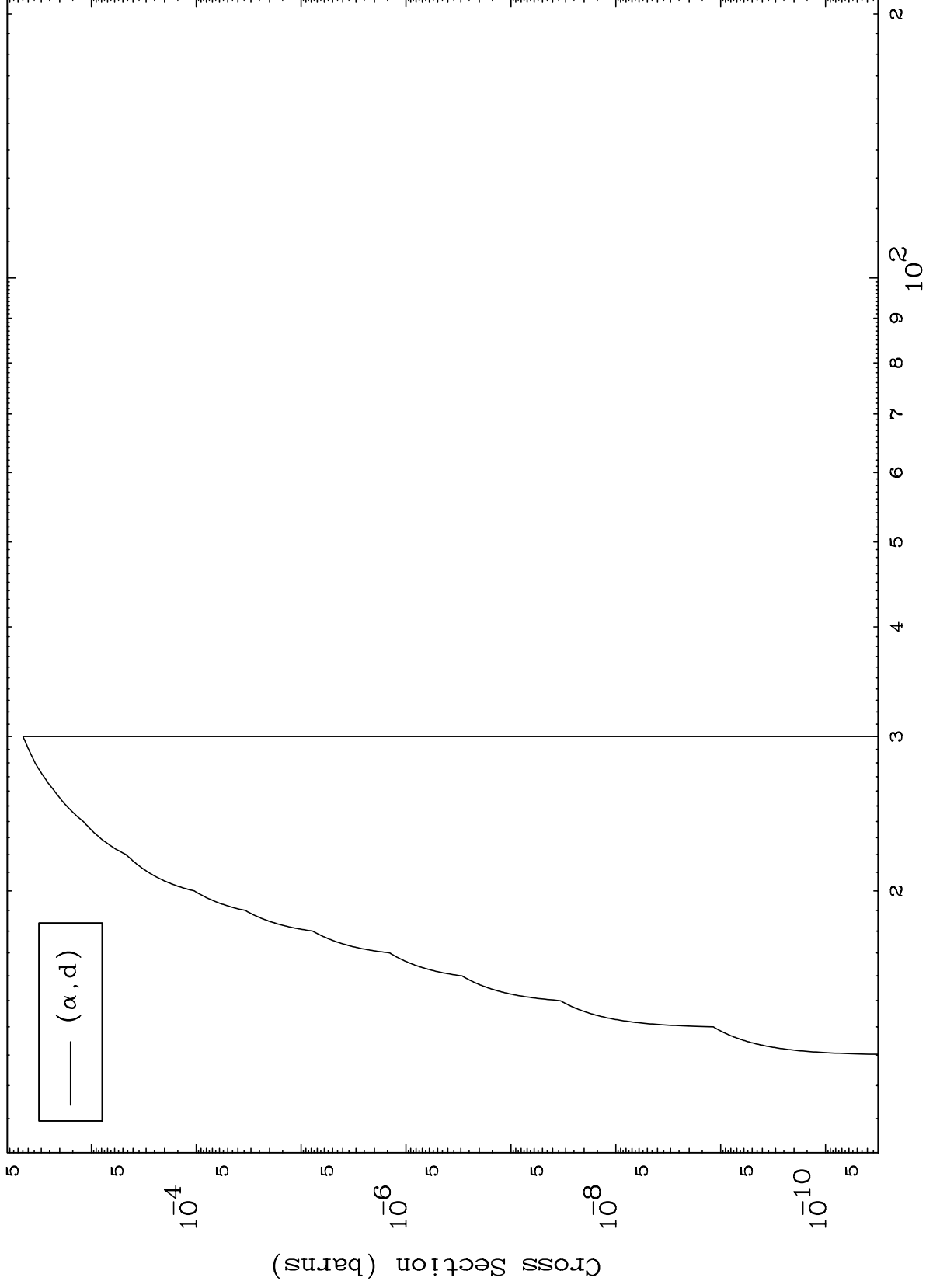


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(α ,d) Levels

43-Tc-99

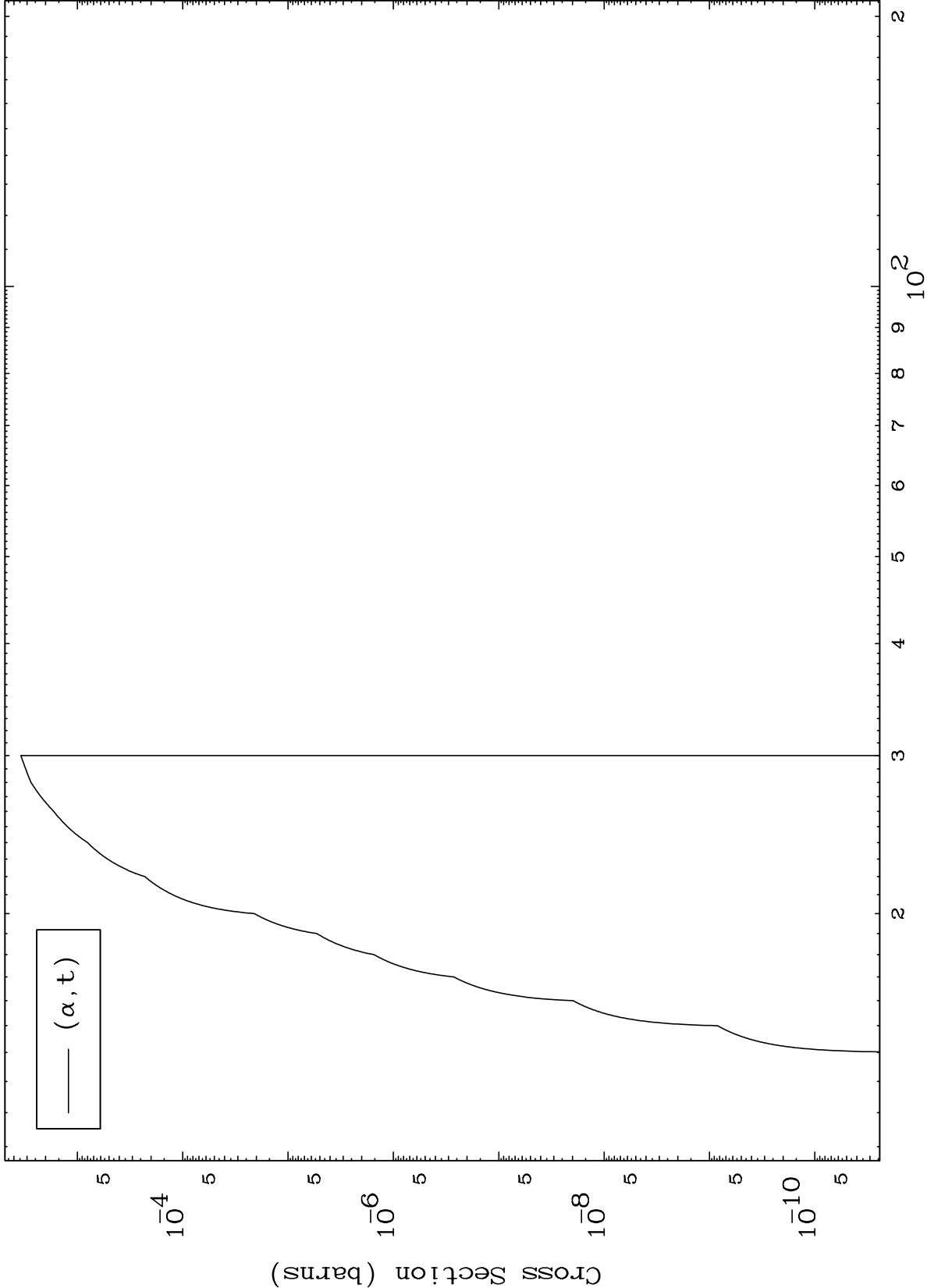
0 Kelvin Cross Sections



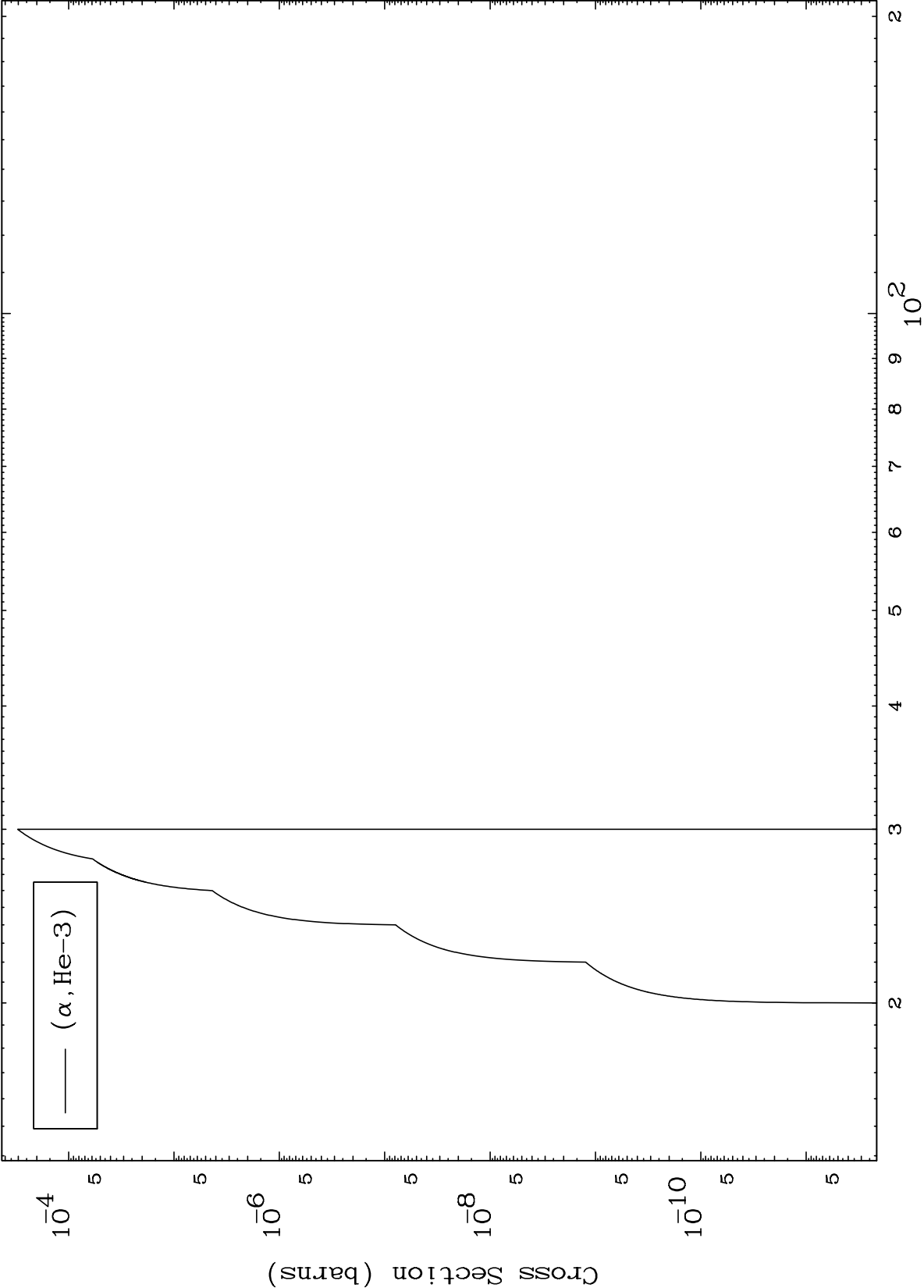
7

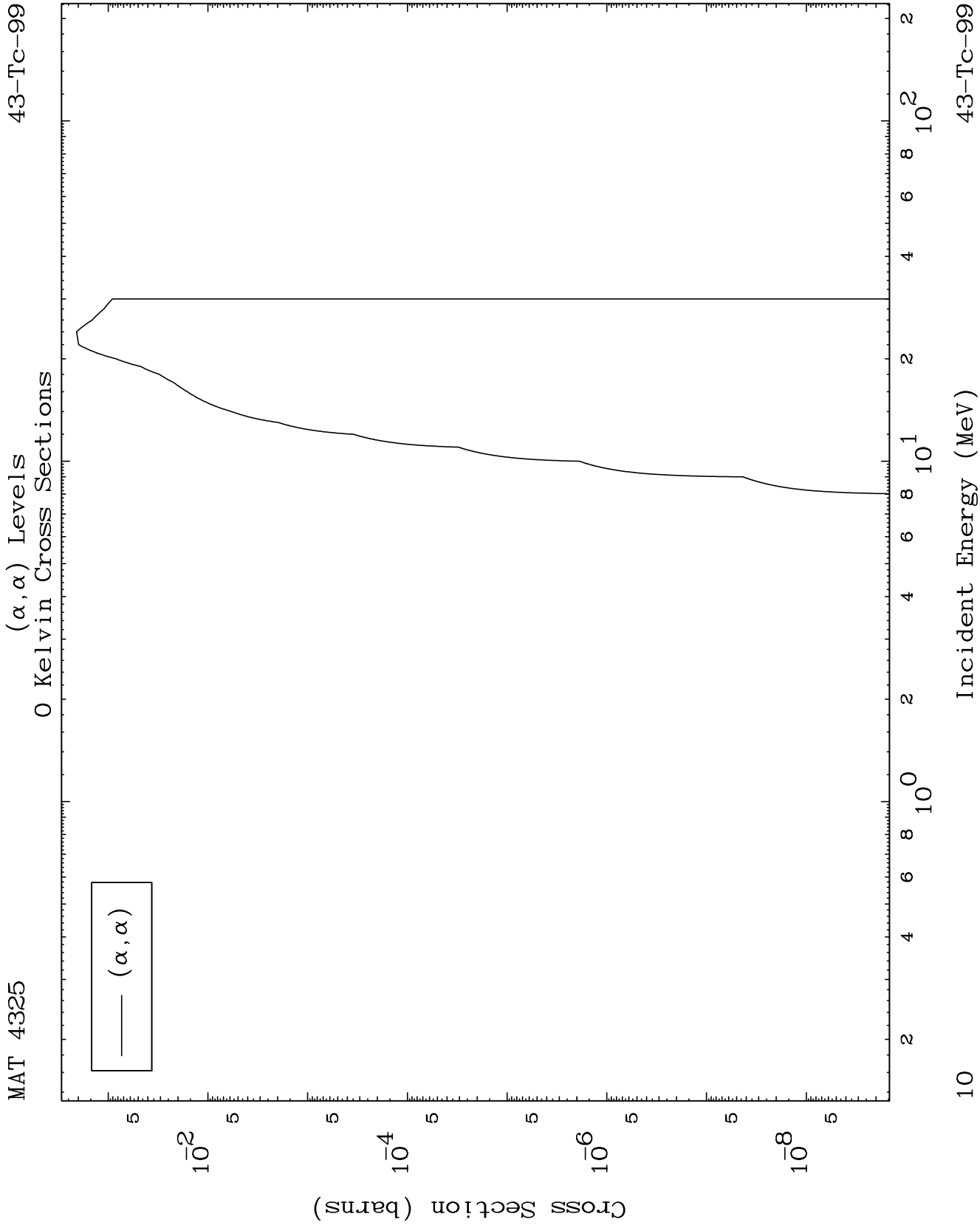
Incident Energy (MeV)

43-Tc-99



0 Kelvin Cross Sections

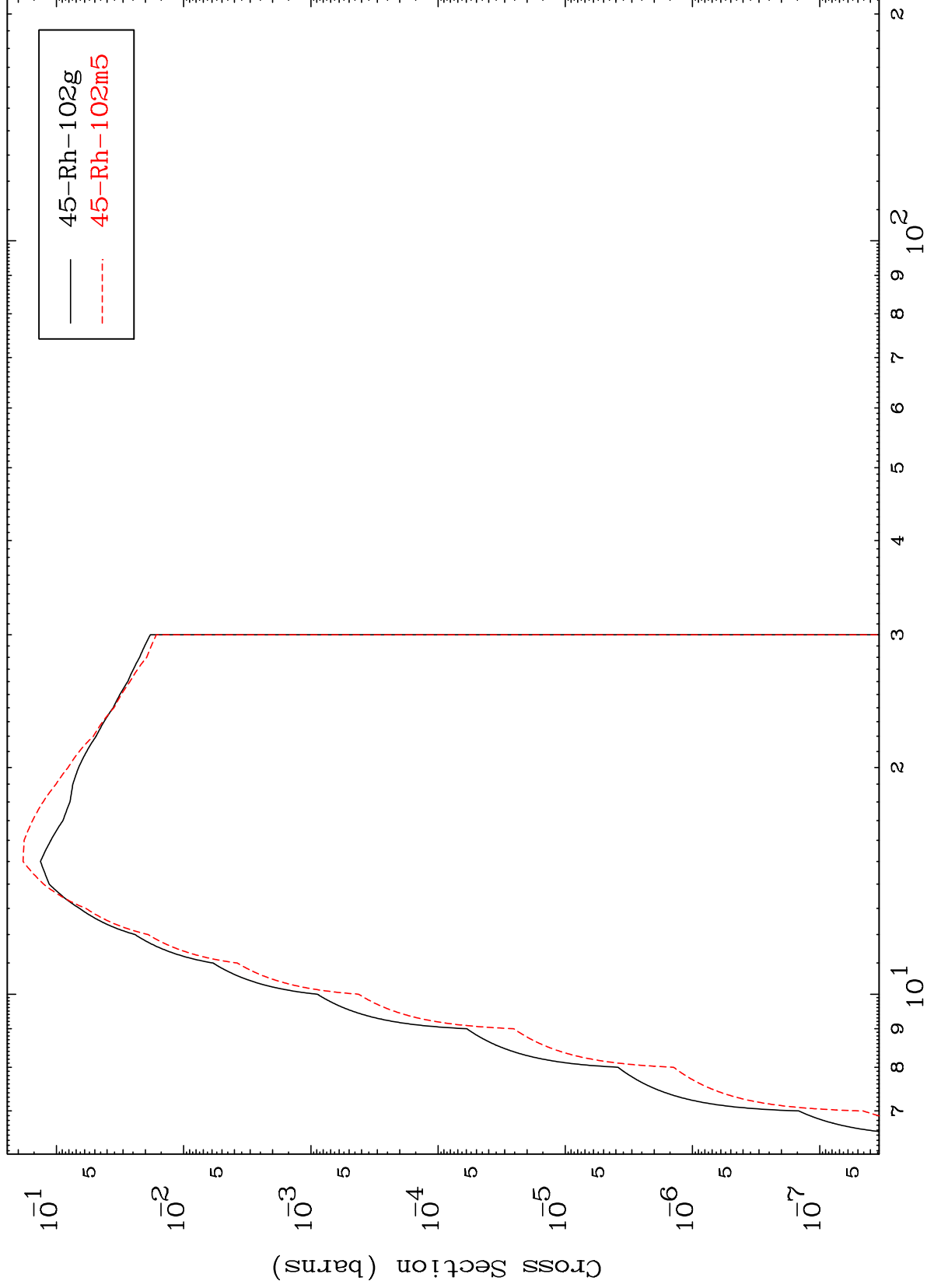




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43-Tc-99

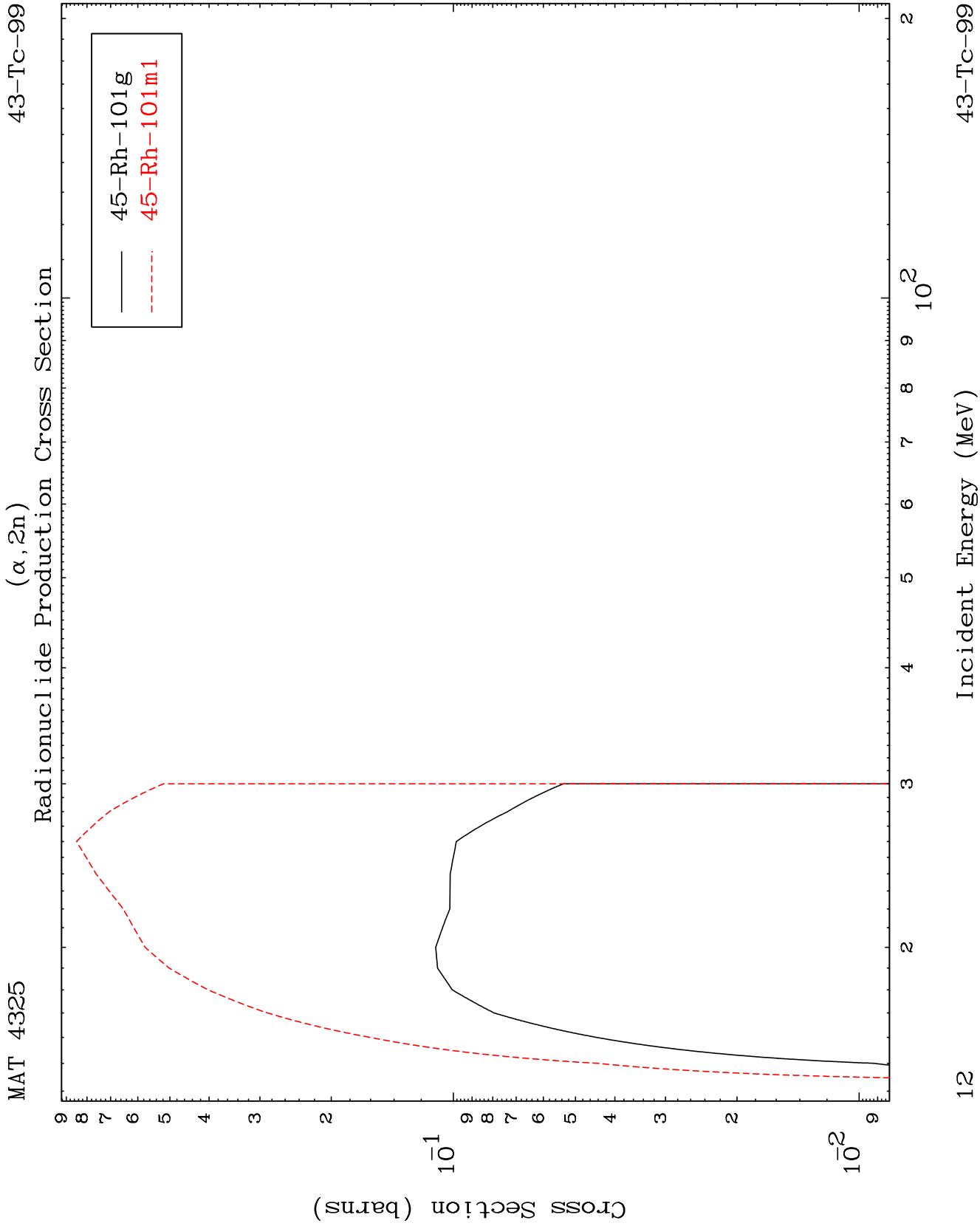
α Inelastic
Radionuclide Production Cross Section

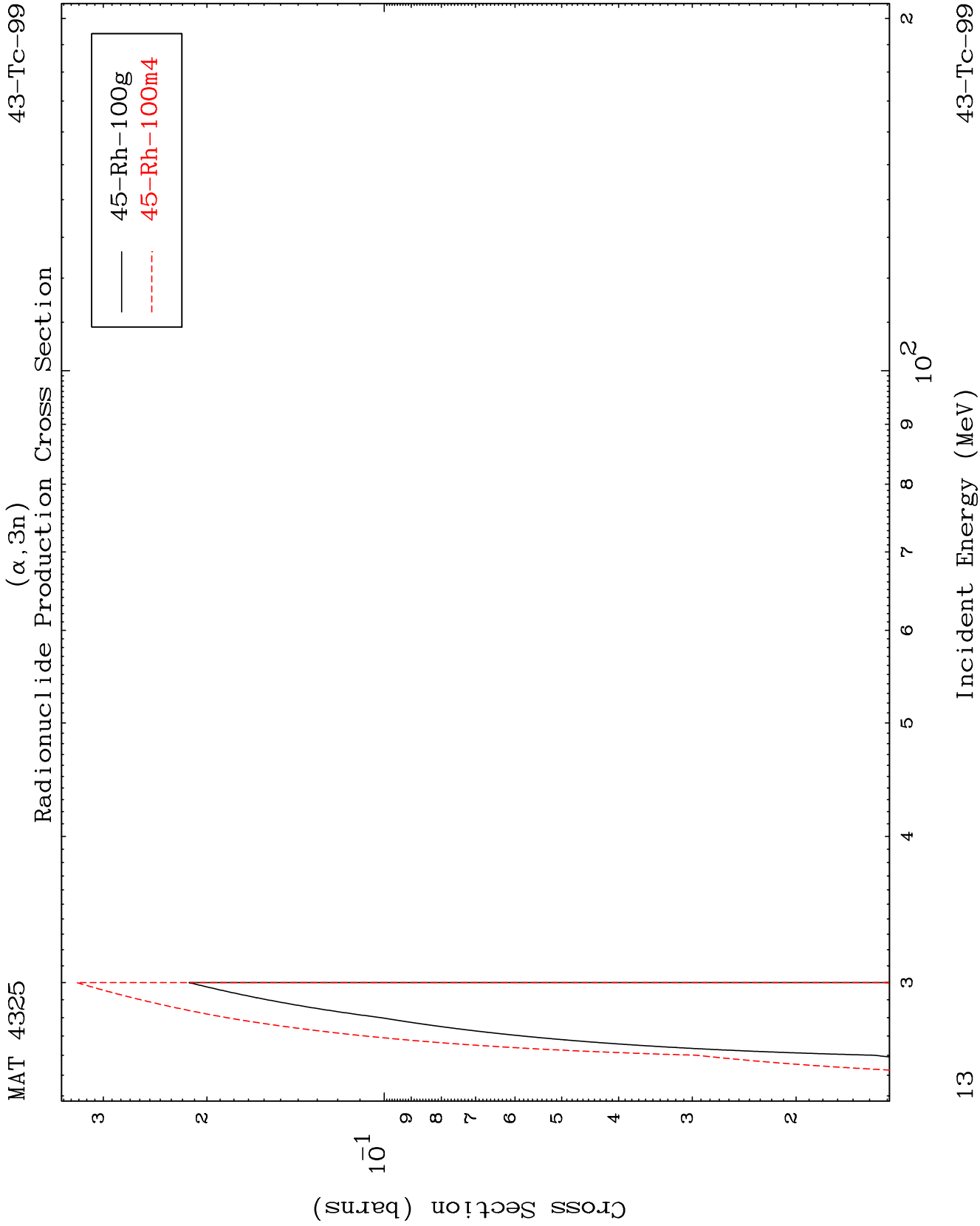


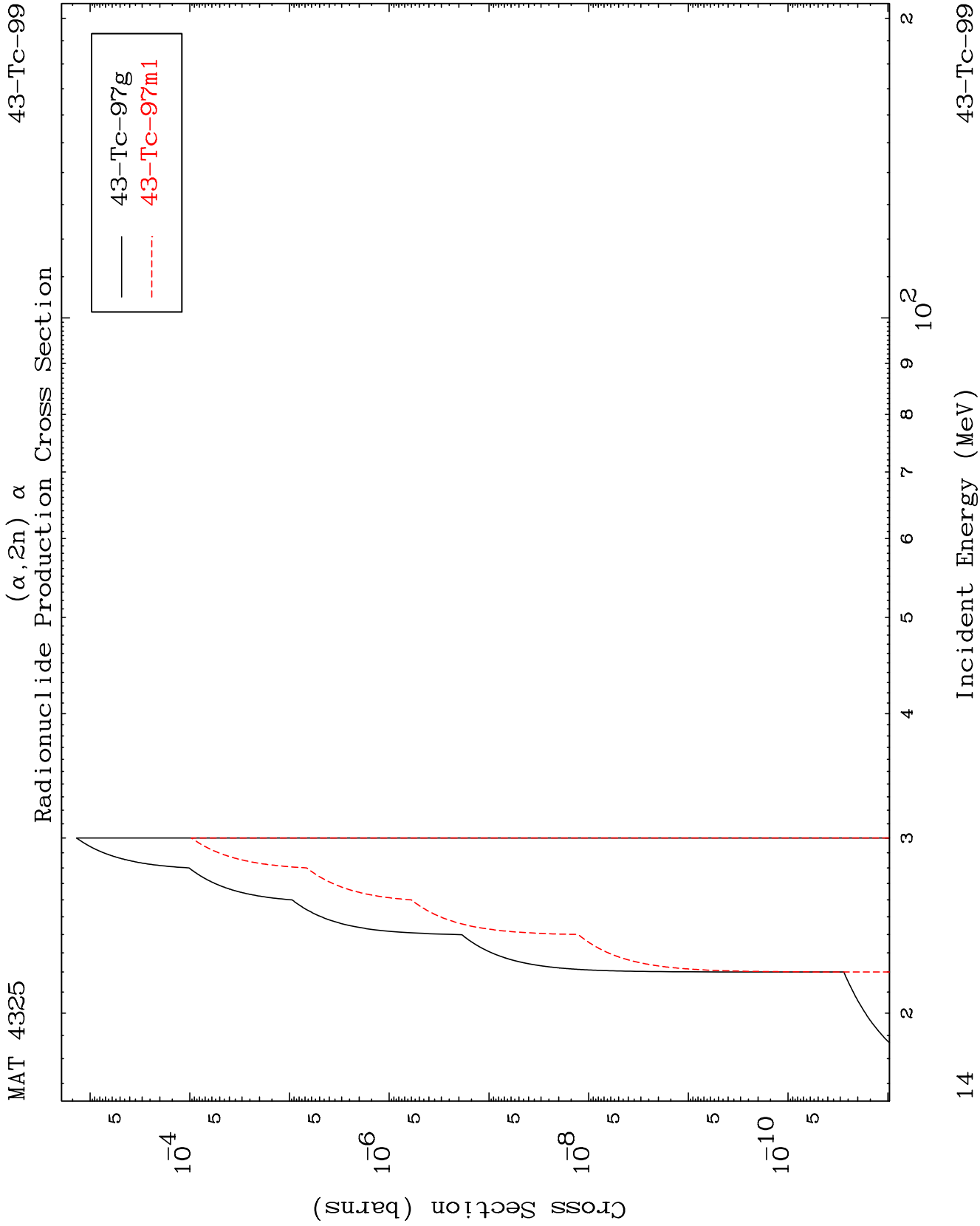
11

Incident Energy (MeV)

43-Tc-99



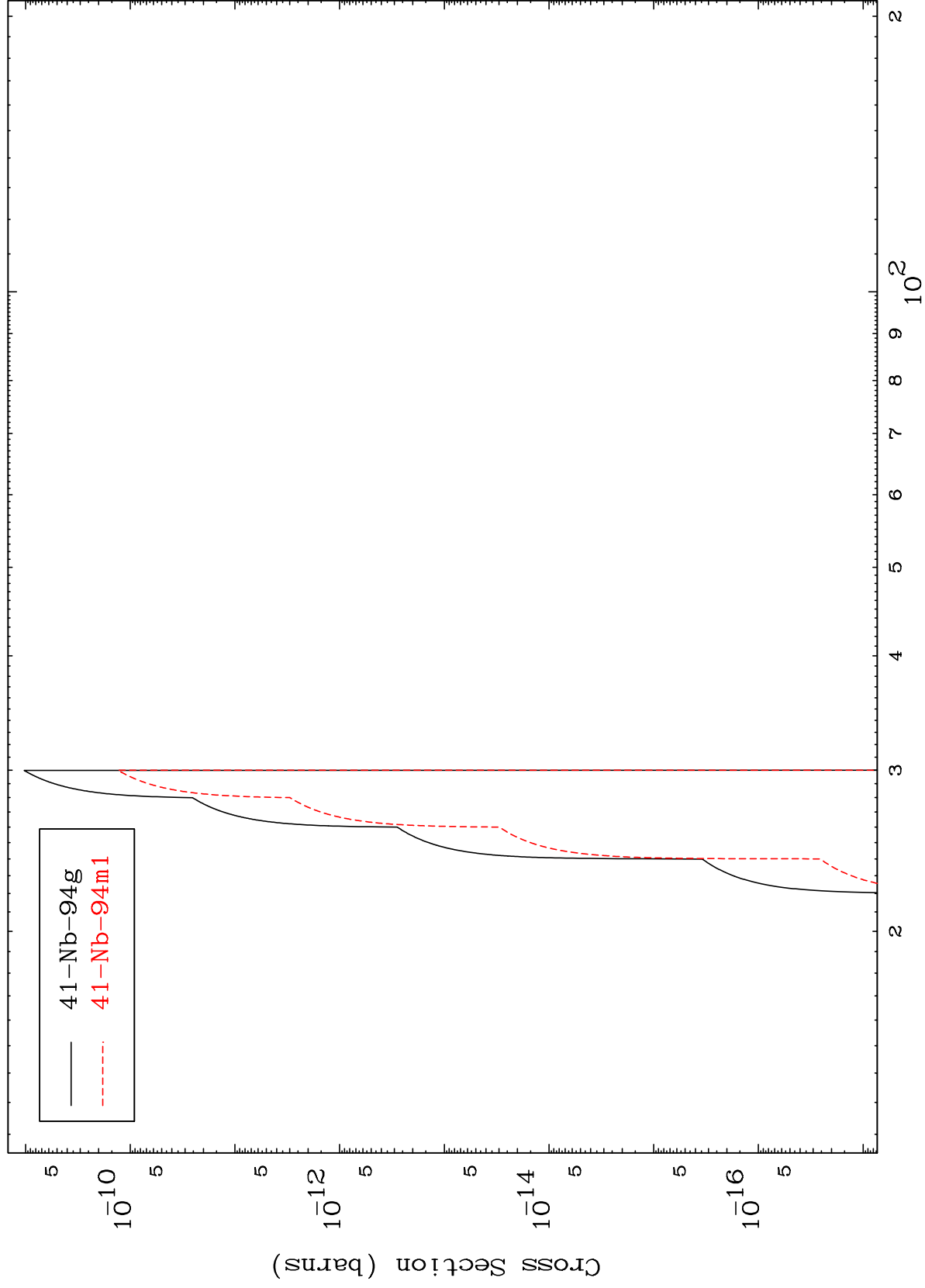




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43-Tc-99

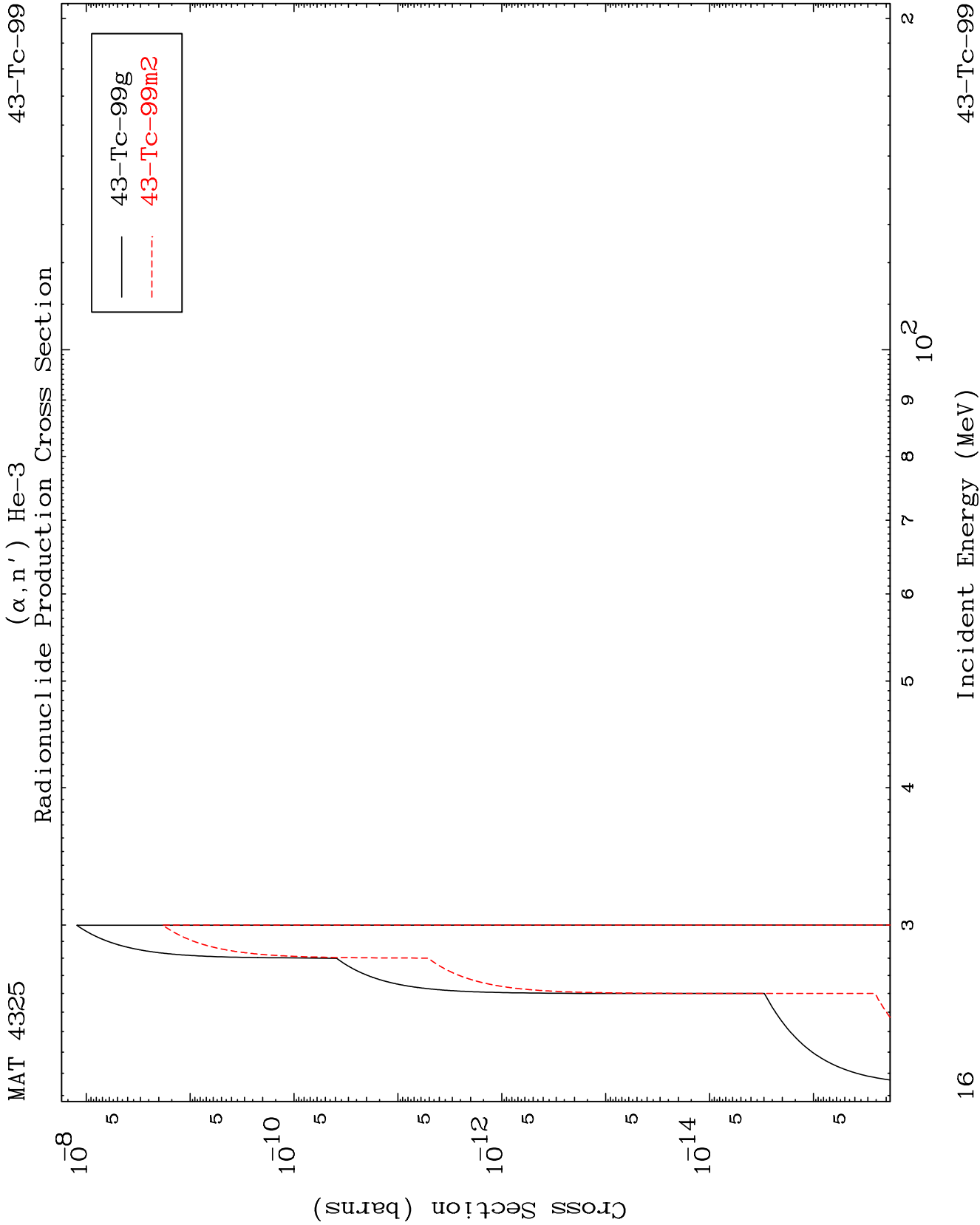
(α, n') 2α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

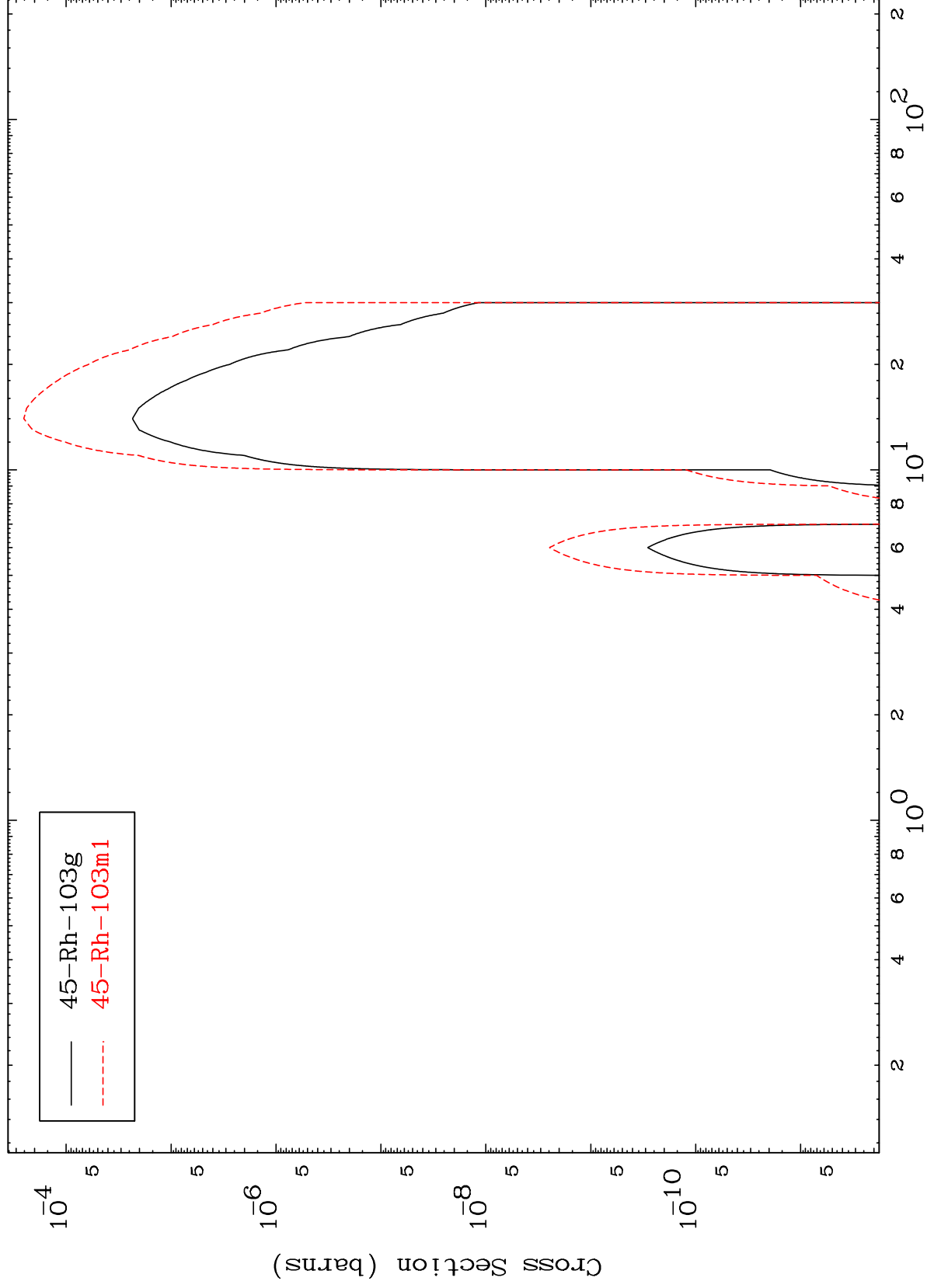
43-Tc-99



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43-Tc-99

(α, γ)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

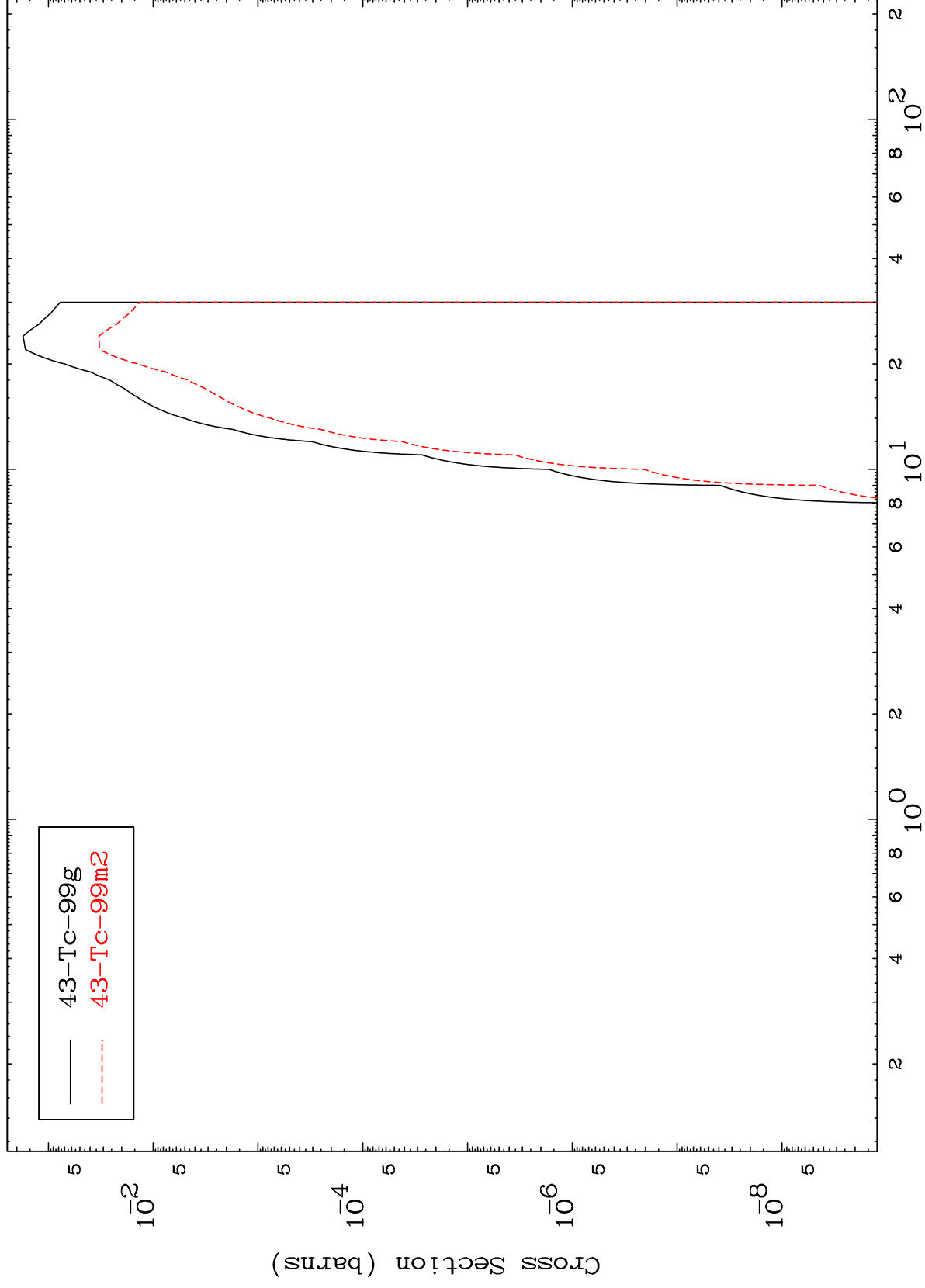
43-Tc-99

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(α, α)

43-Tc-99

Radionuclide Production Cross Section



18

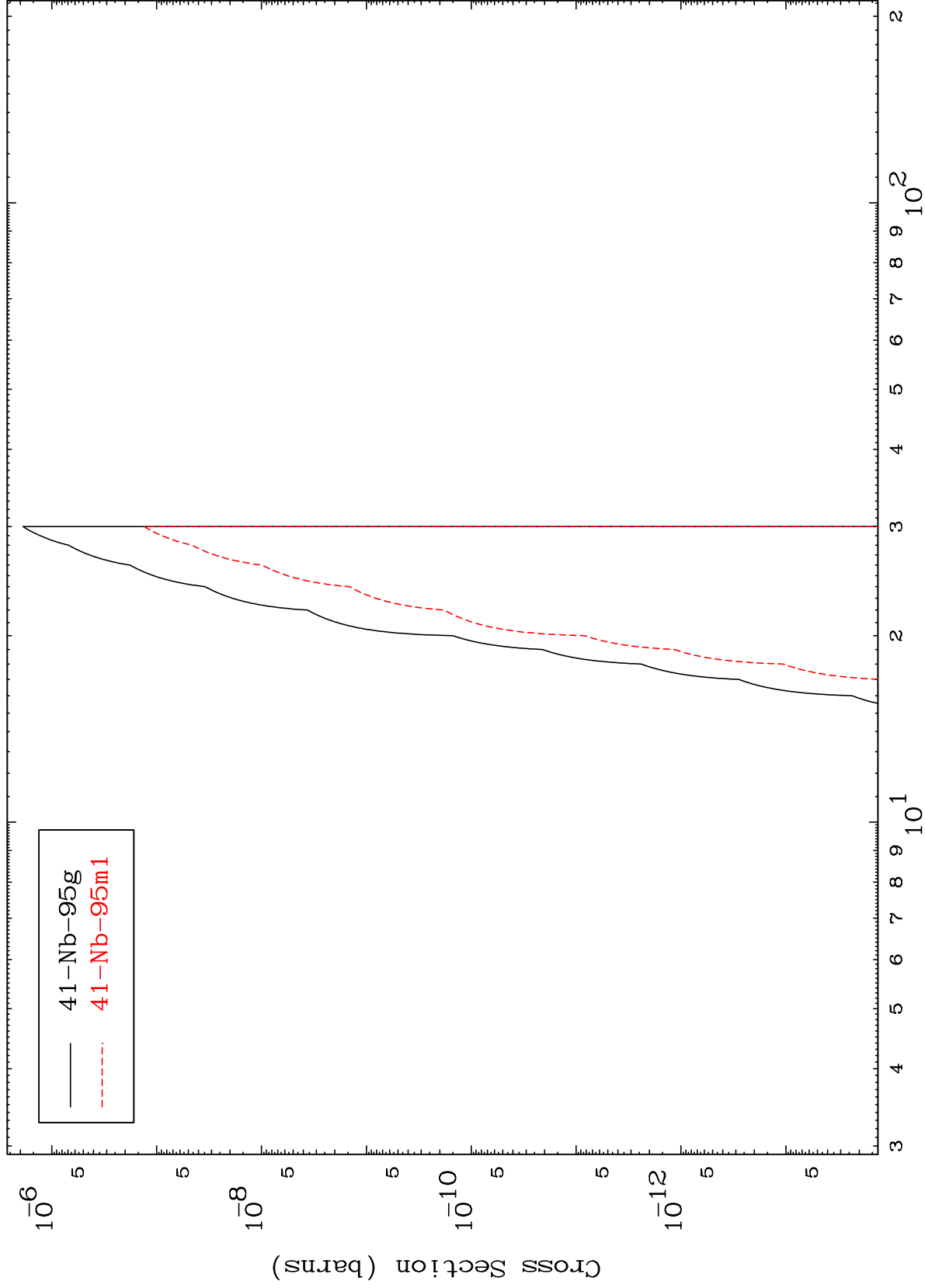
Incident Energy (MeV)

43-Tc-99

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43-Tc-99

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



19

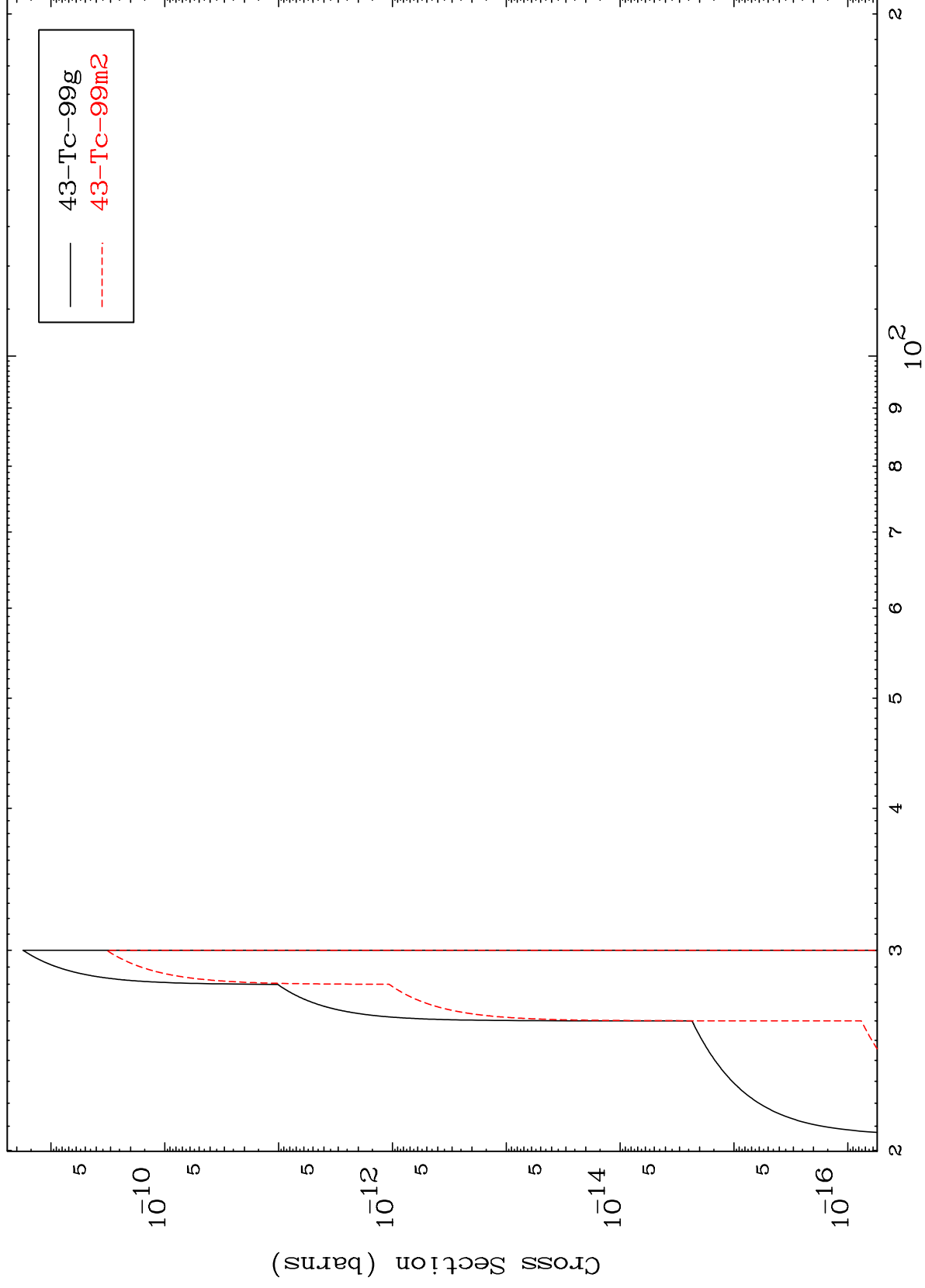
Incident Energy (MeV)

43-Tc-99

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43-Tc-99

(α, p) t
Radionuclide Production Cross Section



43-Tc-99

Incident Energy (MeV)

20