

Program EVALPLOT
(Version 2021-1)

by

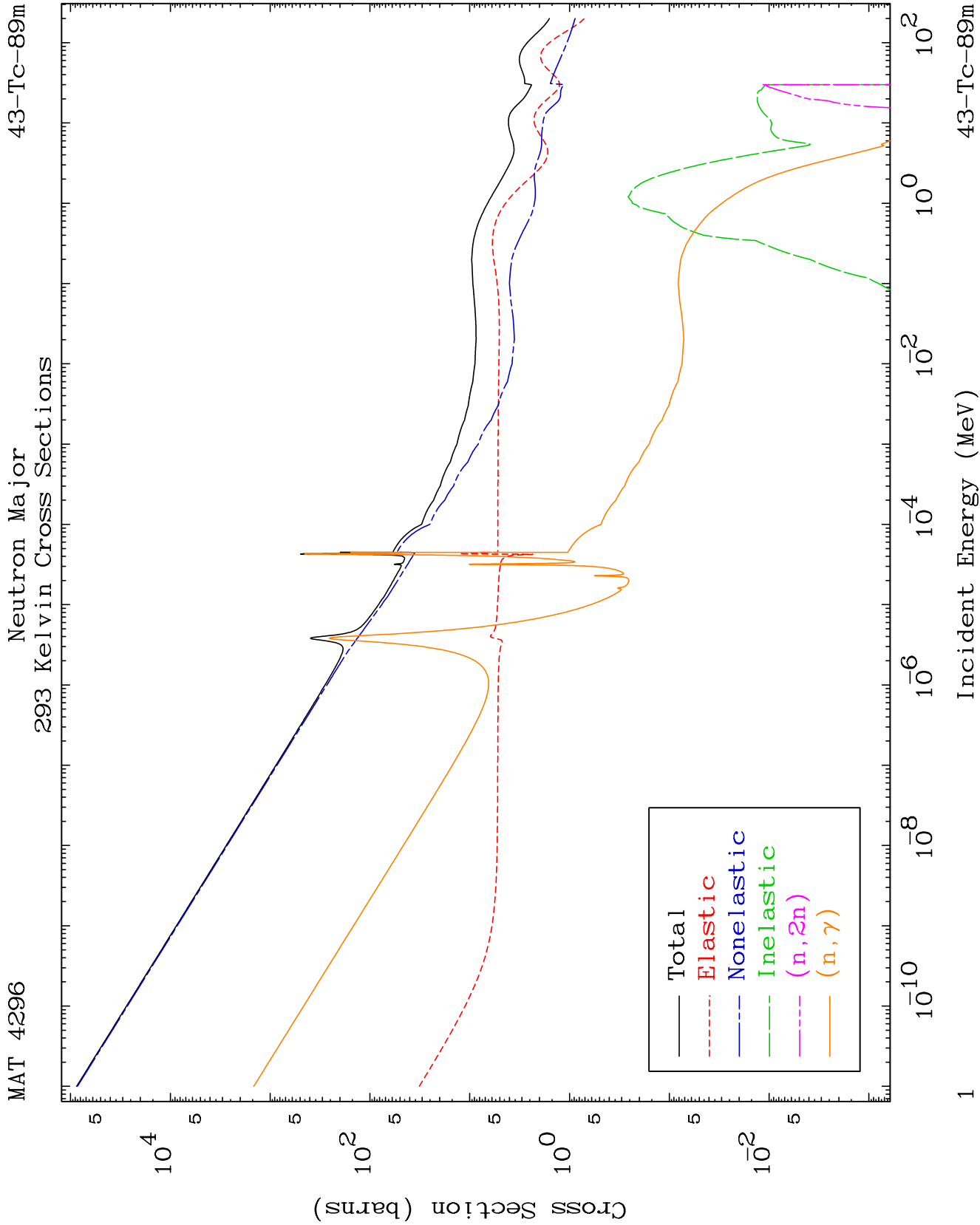
Dermott E. Cullen
(Present Contact Information)

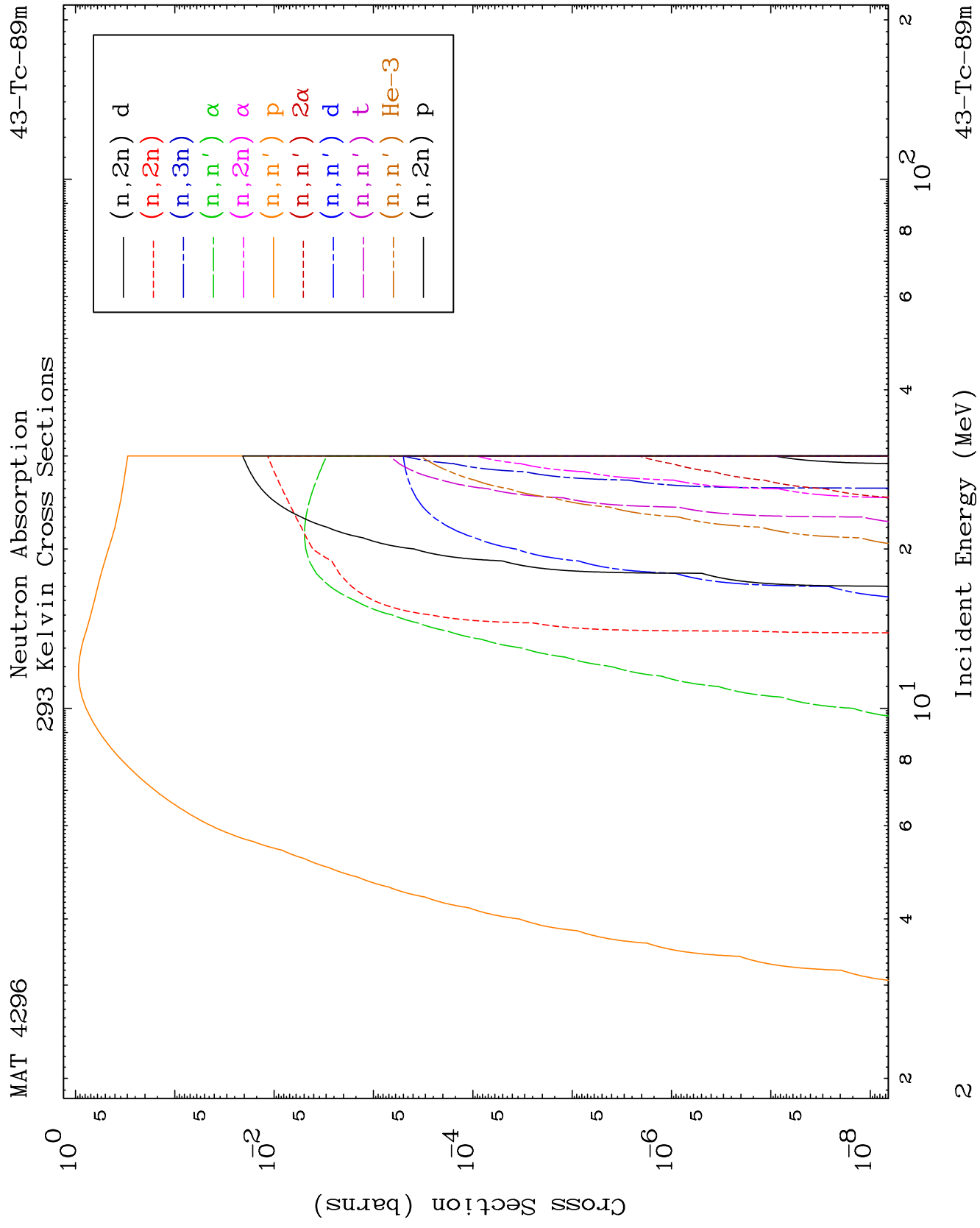
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

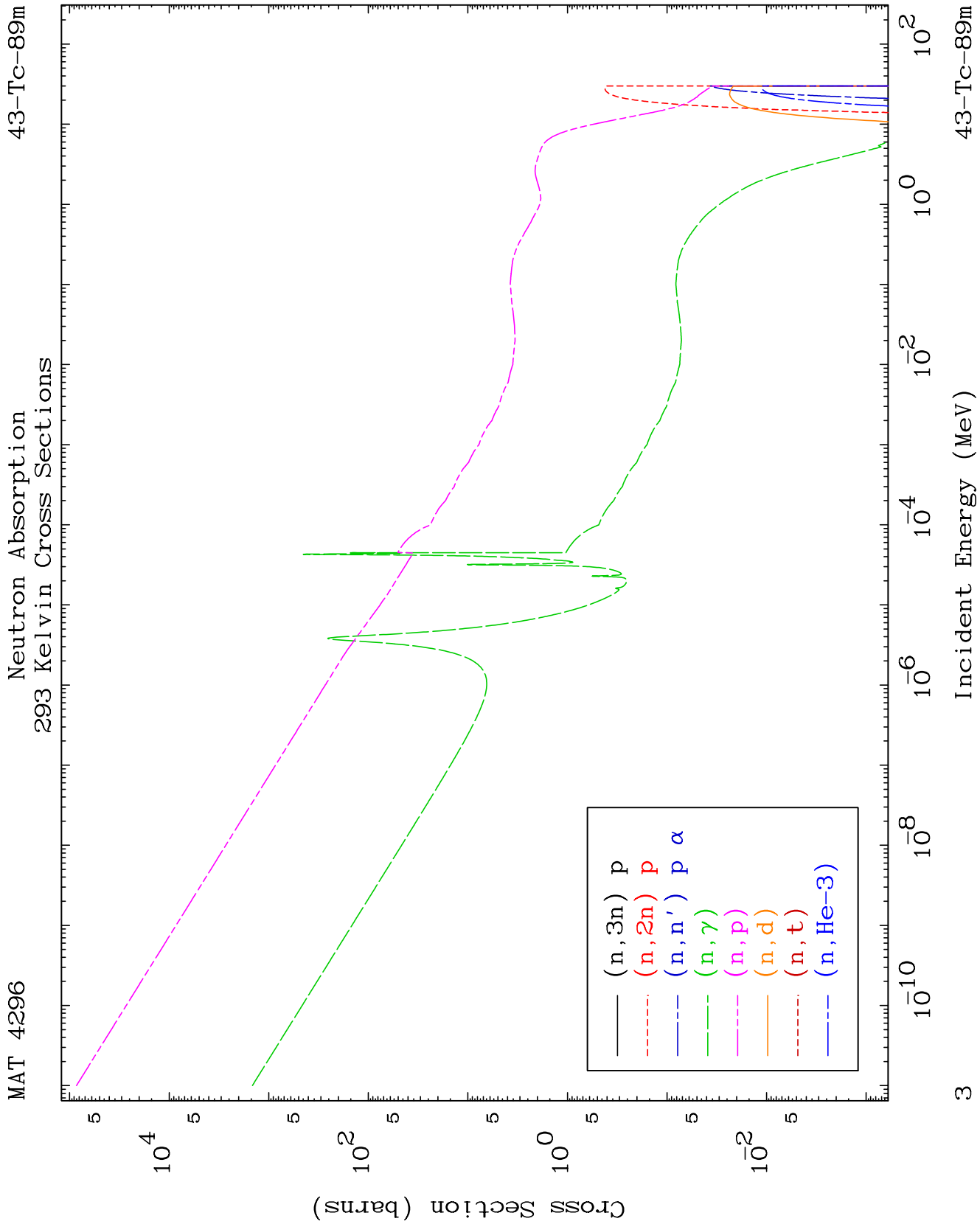
Tele: 925-443-1911

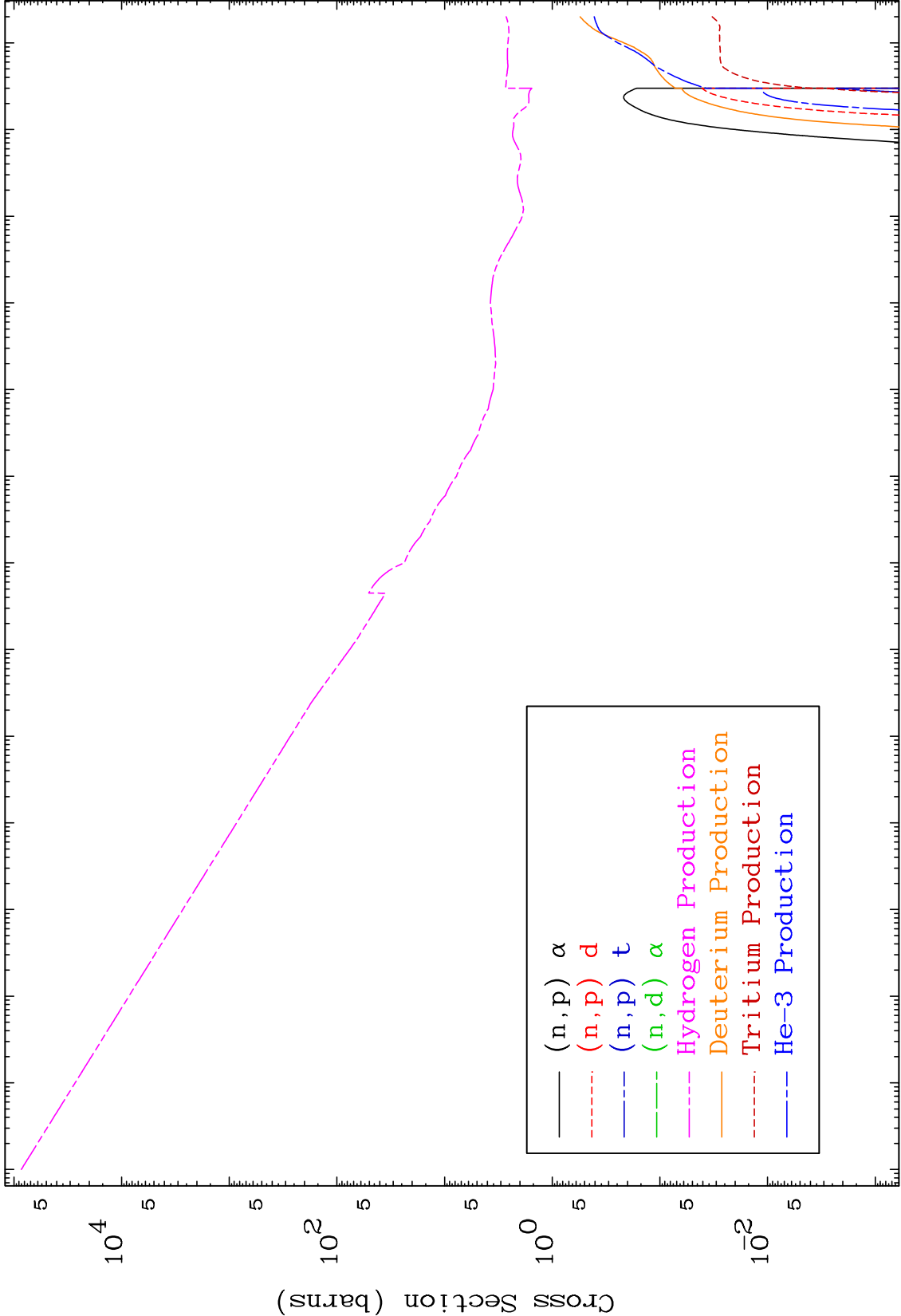
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

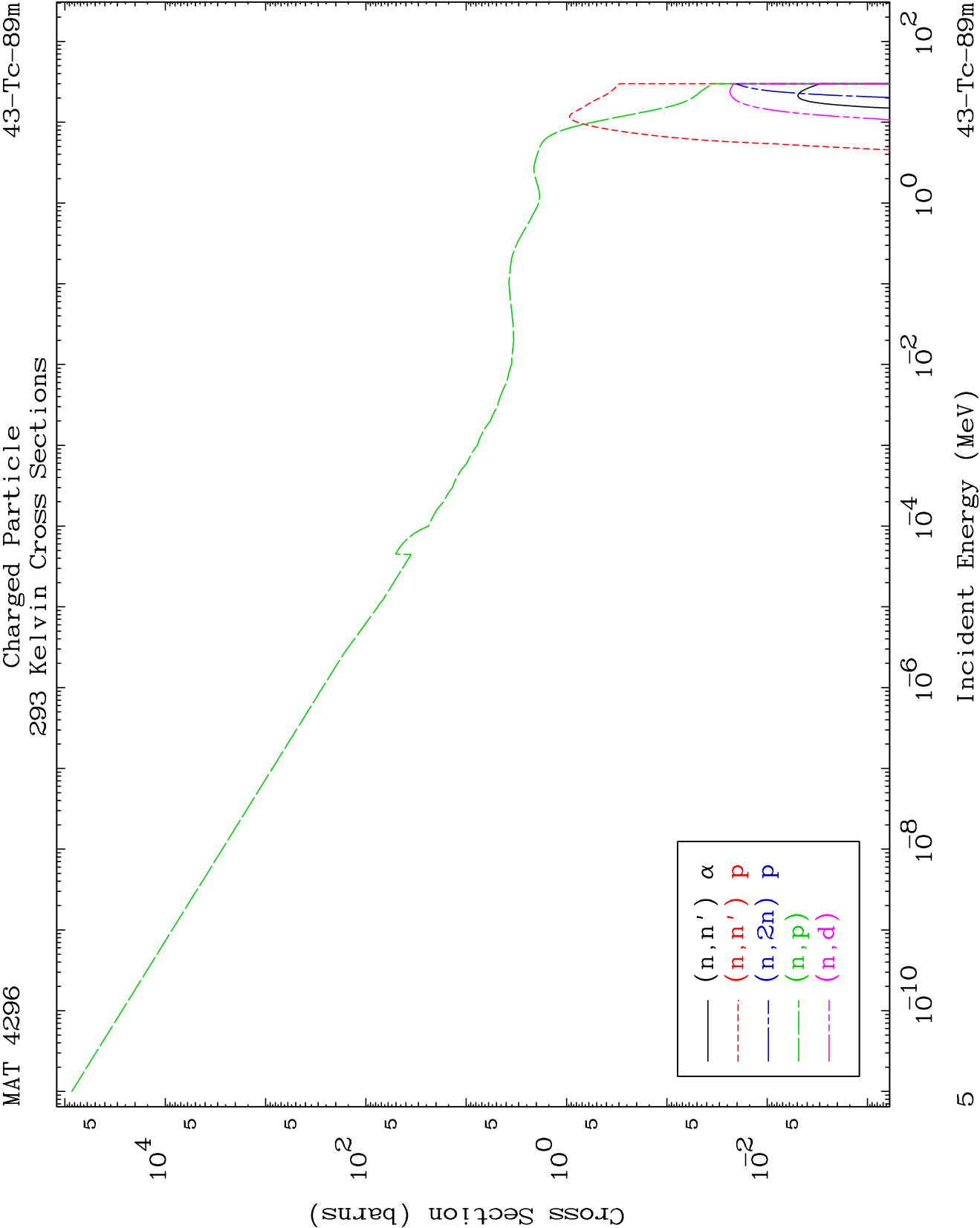
Press Mouse Button to Start

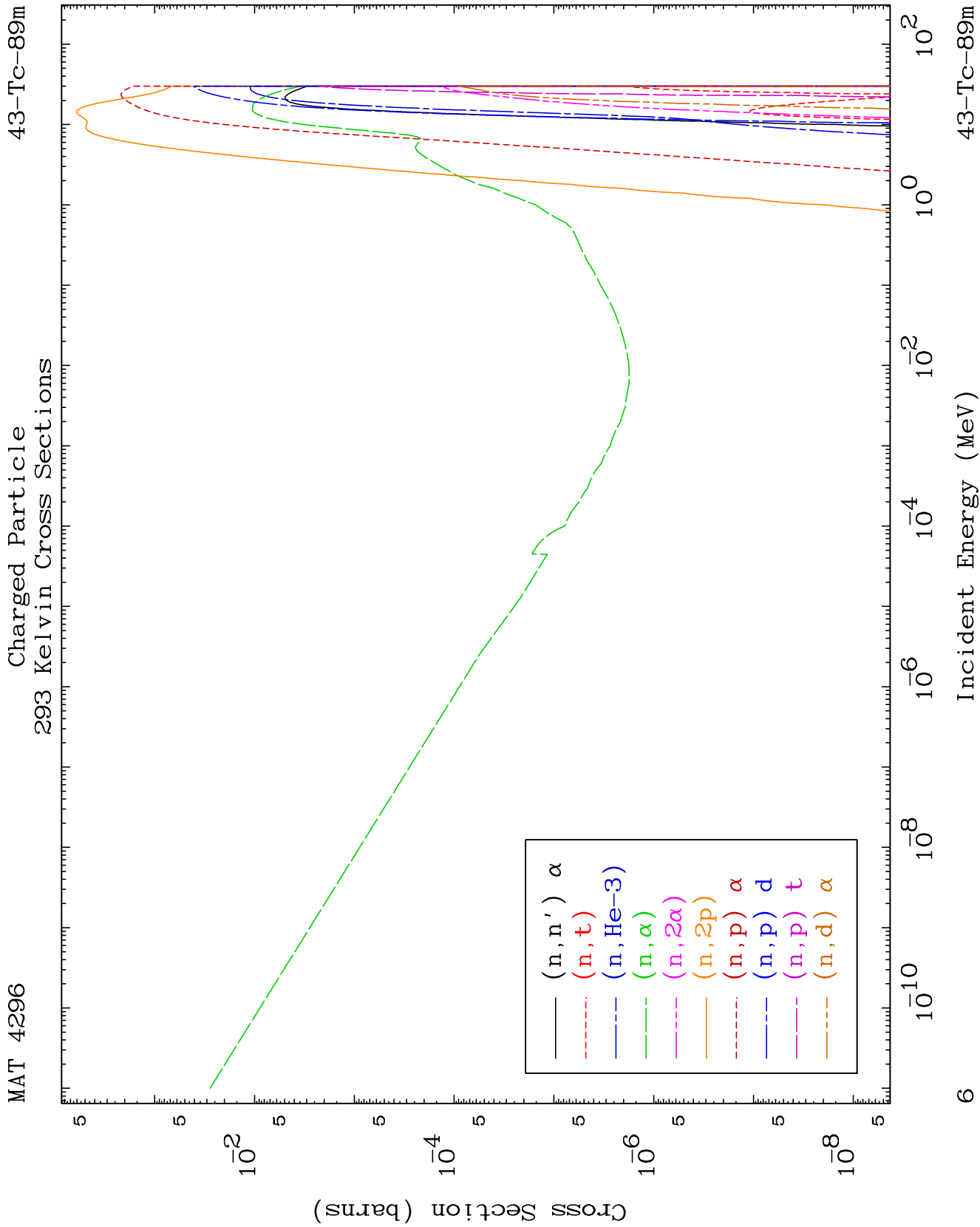


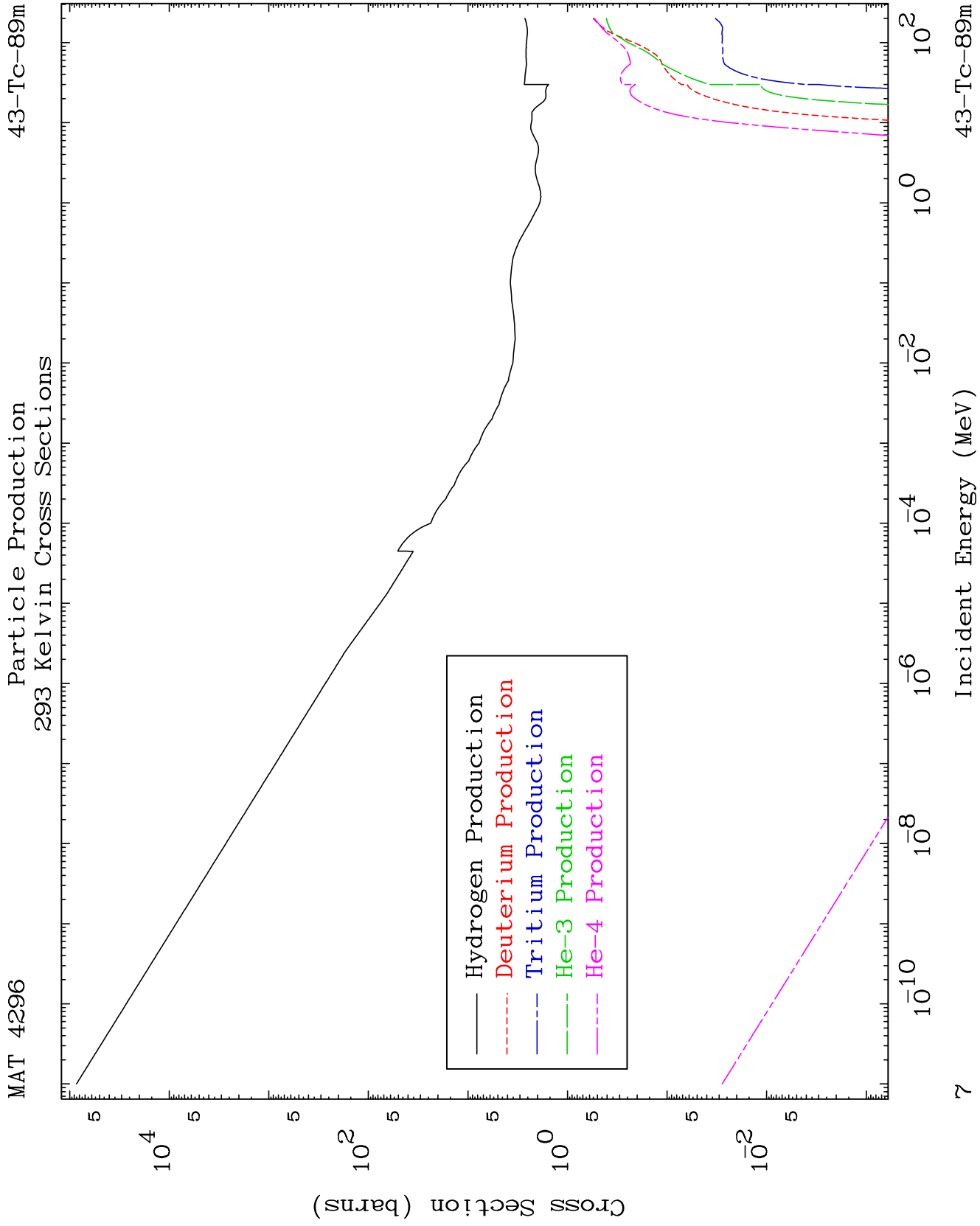










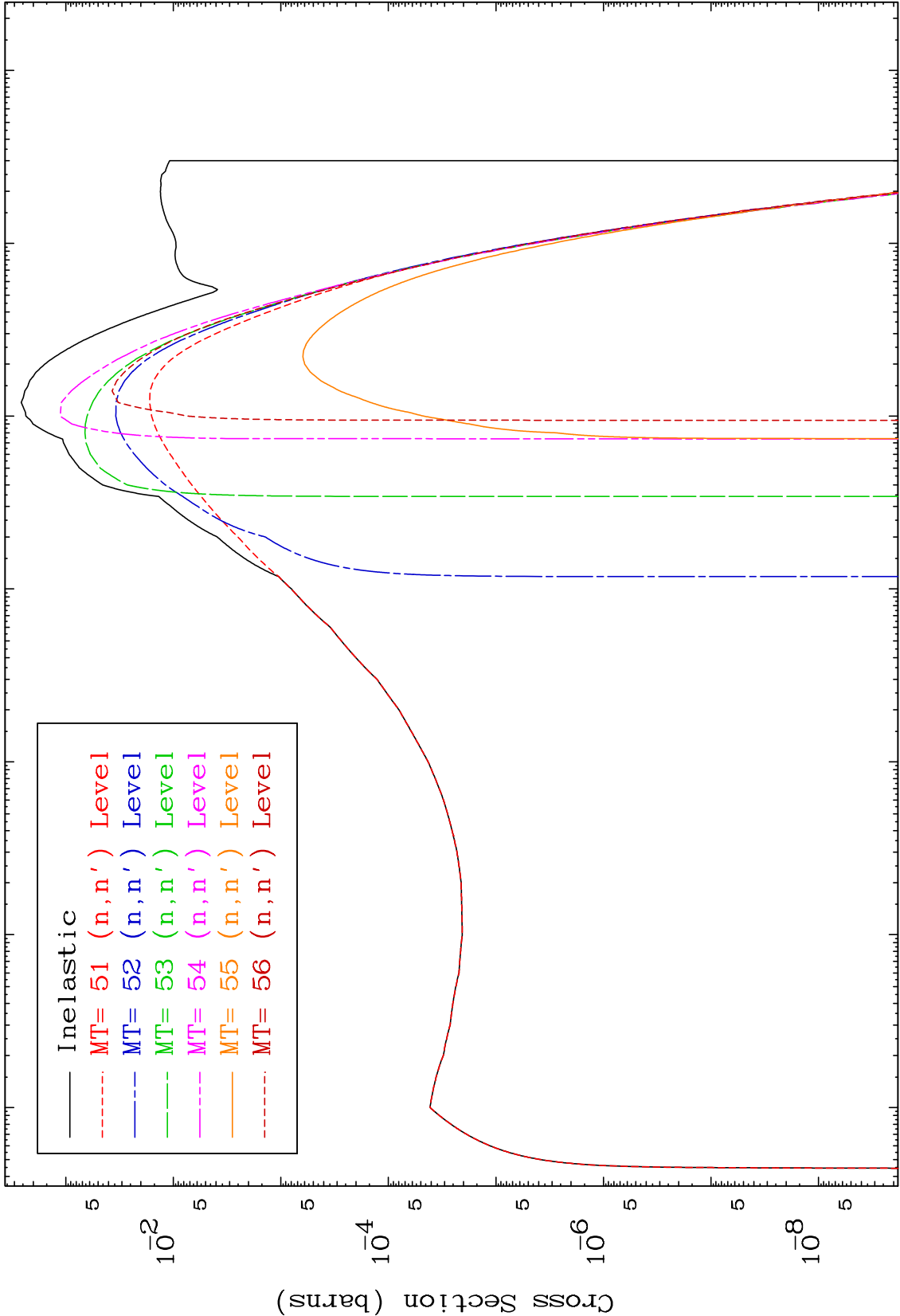


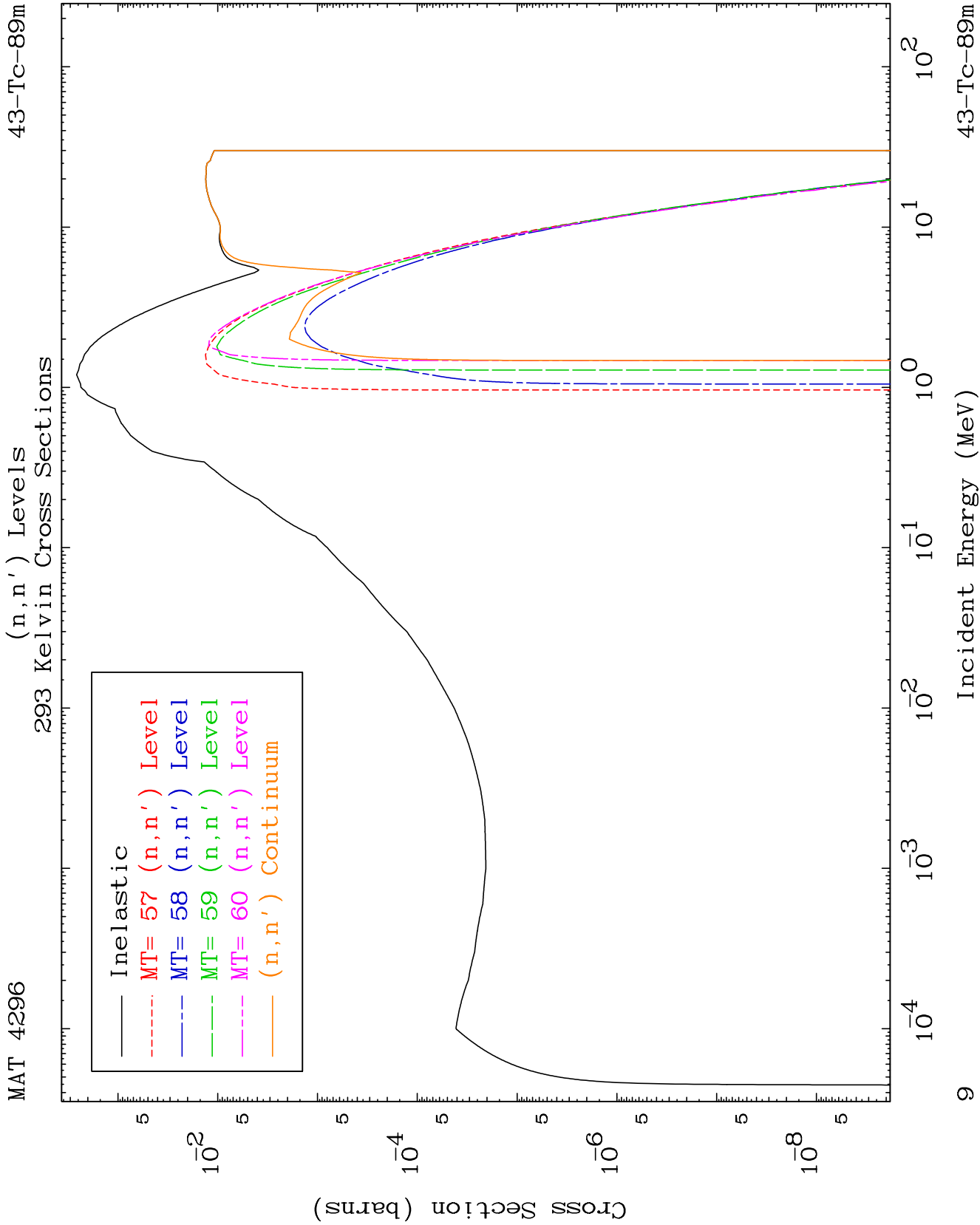
MAT 4296

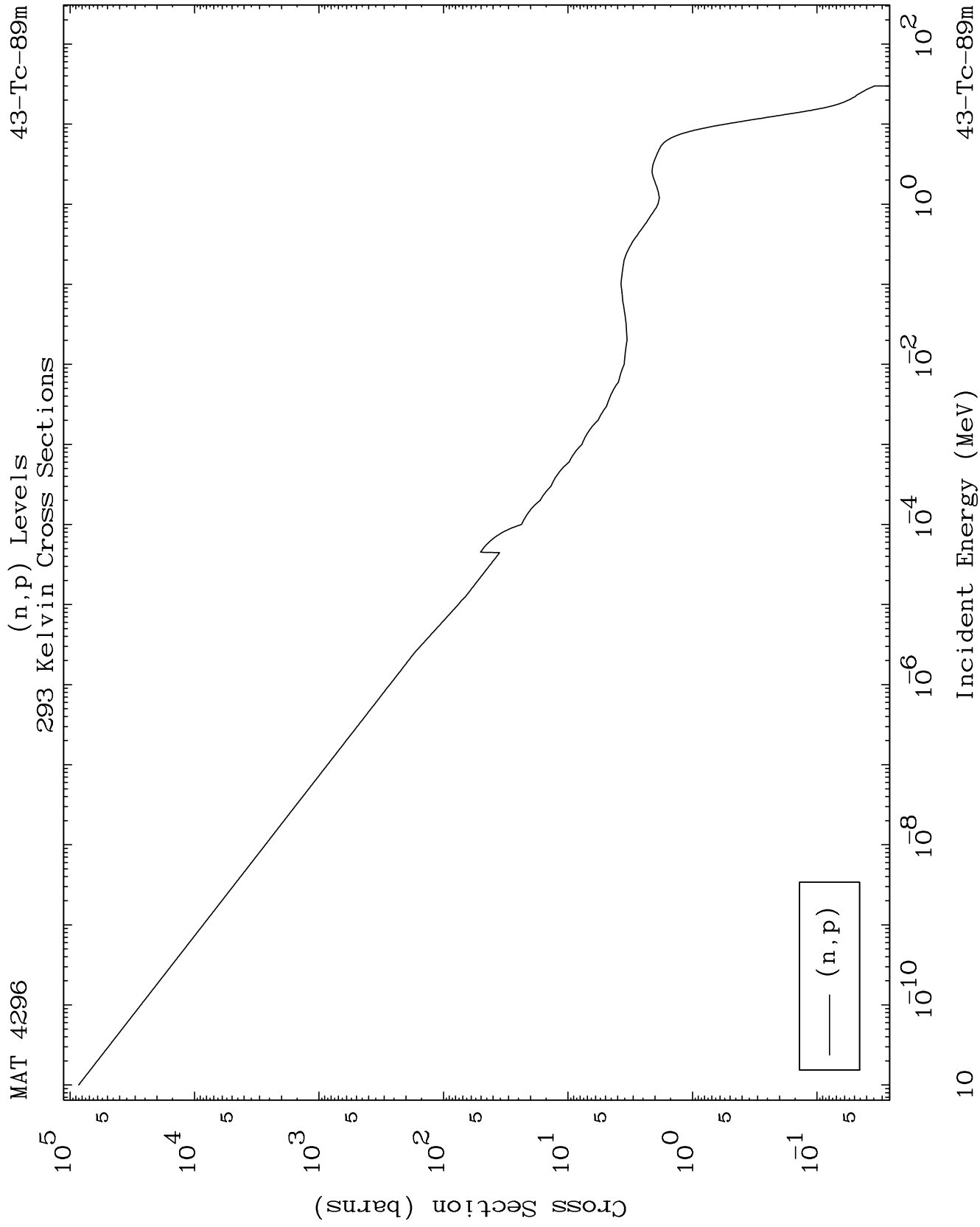
(n,n') Levels

293 Kelvin Cross Sections

43-Tc-89m



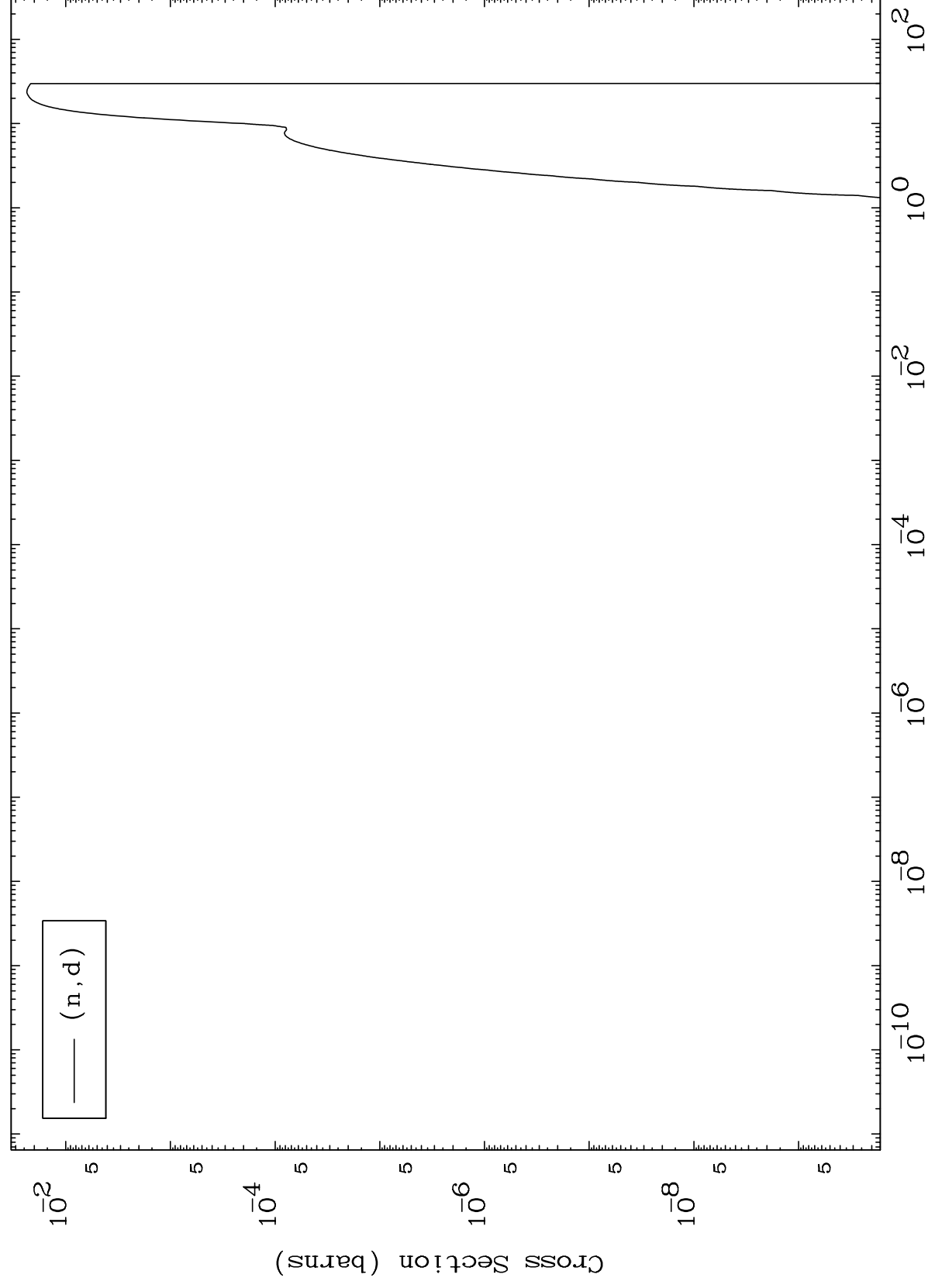




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(n,d) Levels
293 Kelvin Cross Sections

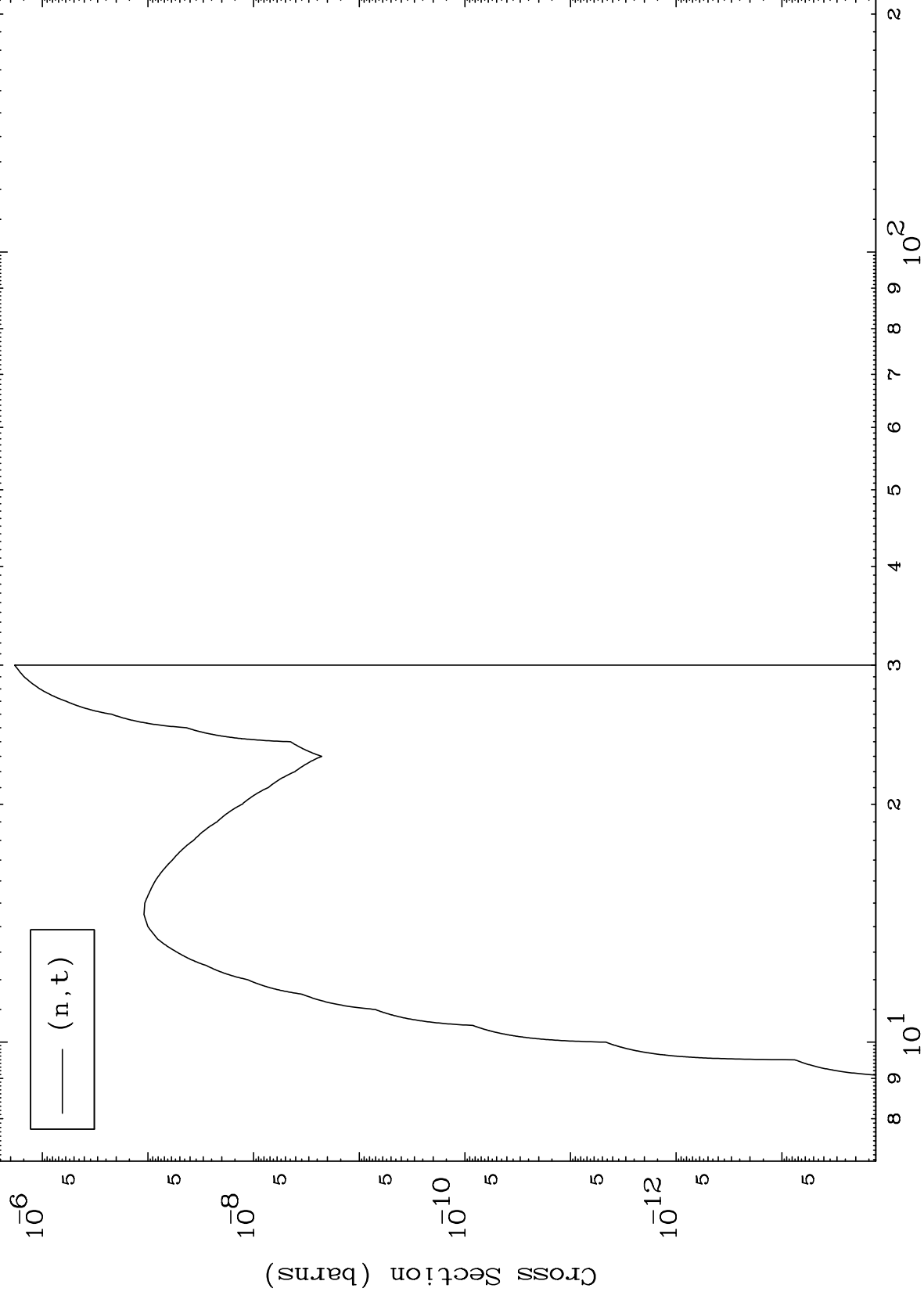
43-Tc-89m



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(n,t) Levels
293 Kelvin Cross Sections

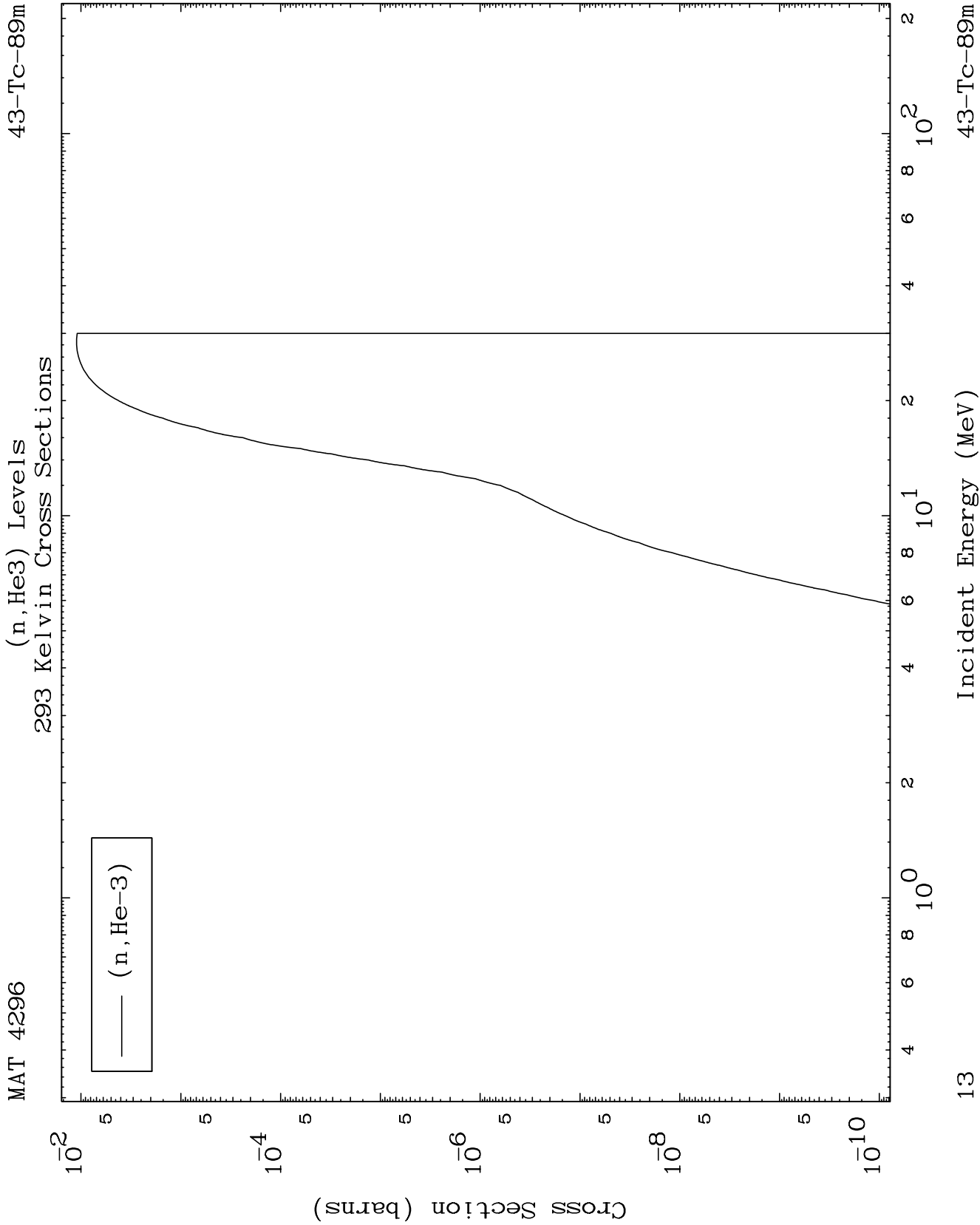
43-Tc-89m



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Incident Energy (MeV)

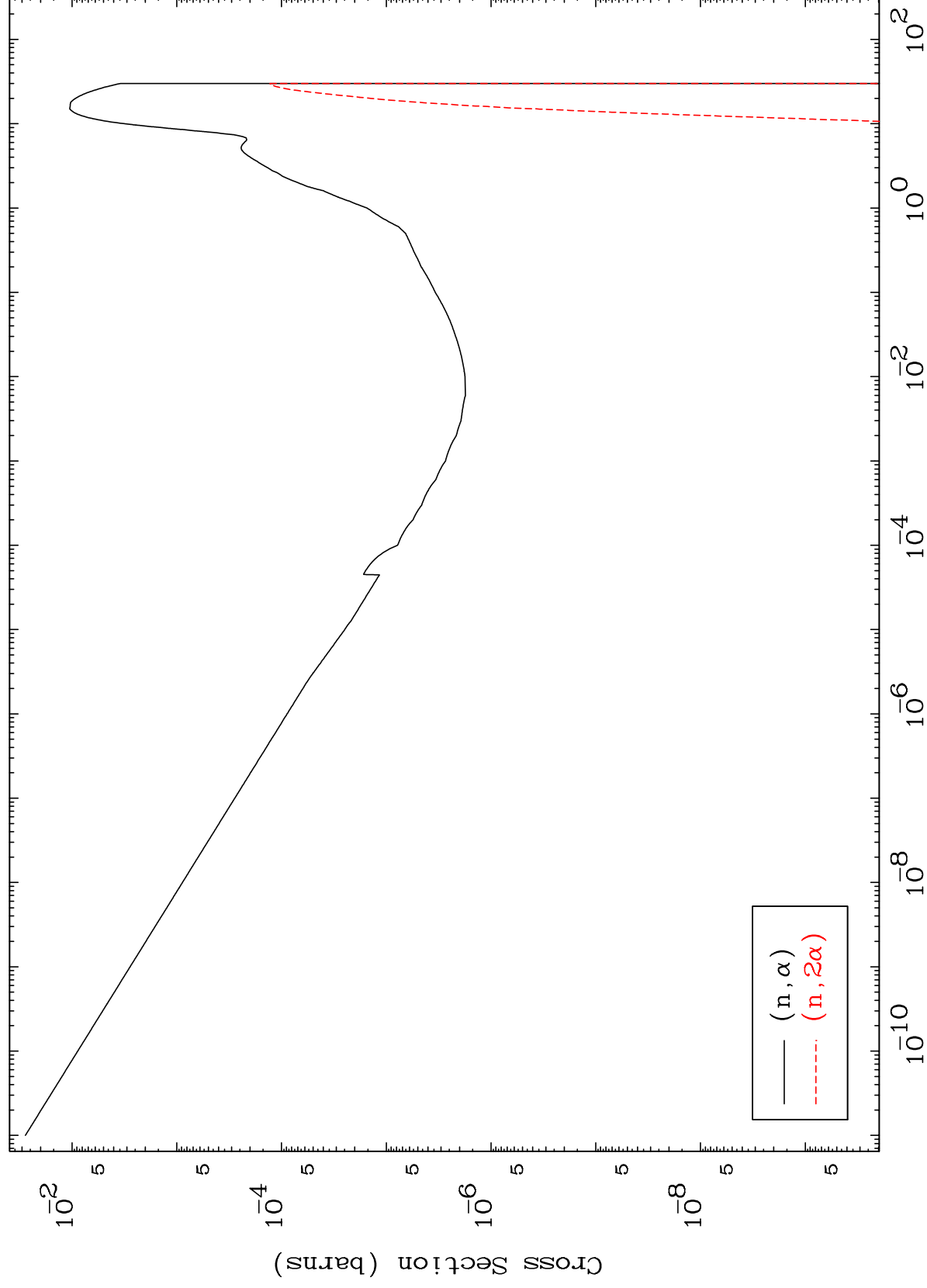
43-Tc-89m



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(n, α) Levels
293 Kelvin Cross Sections

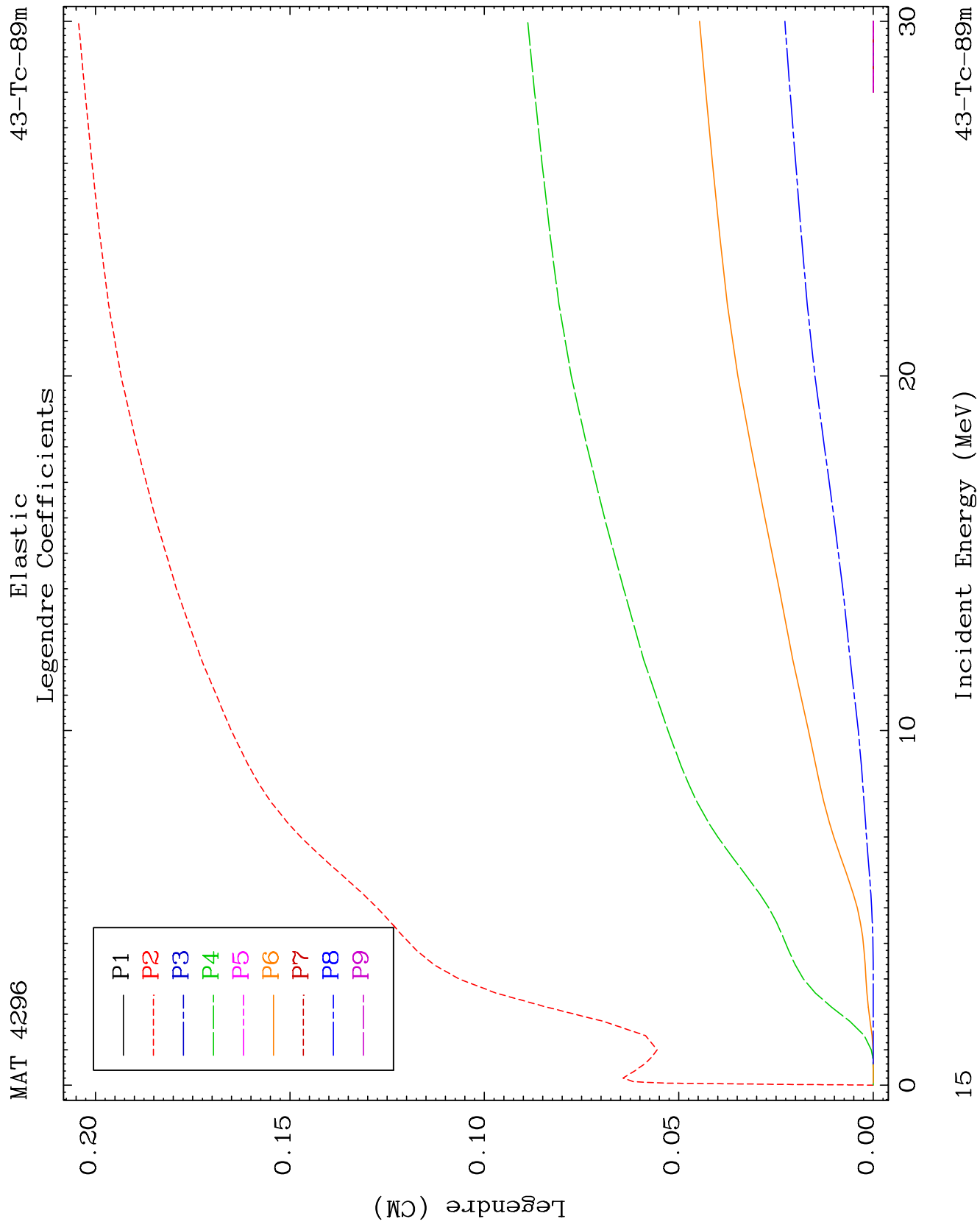
43-Tc-89m

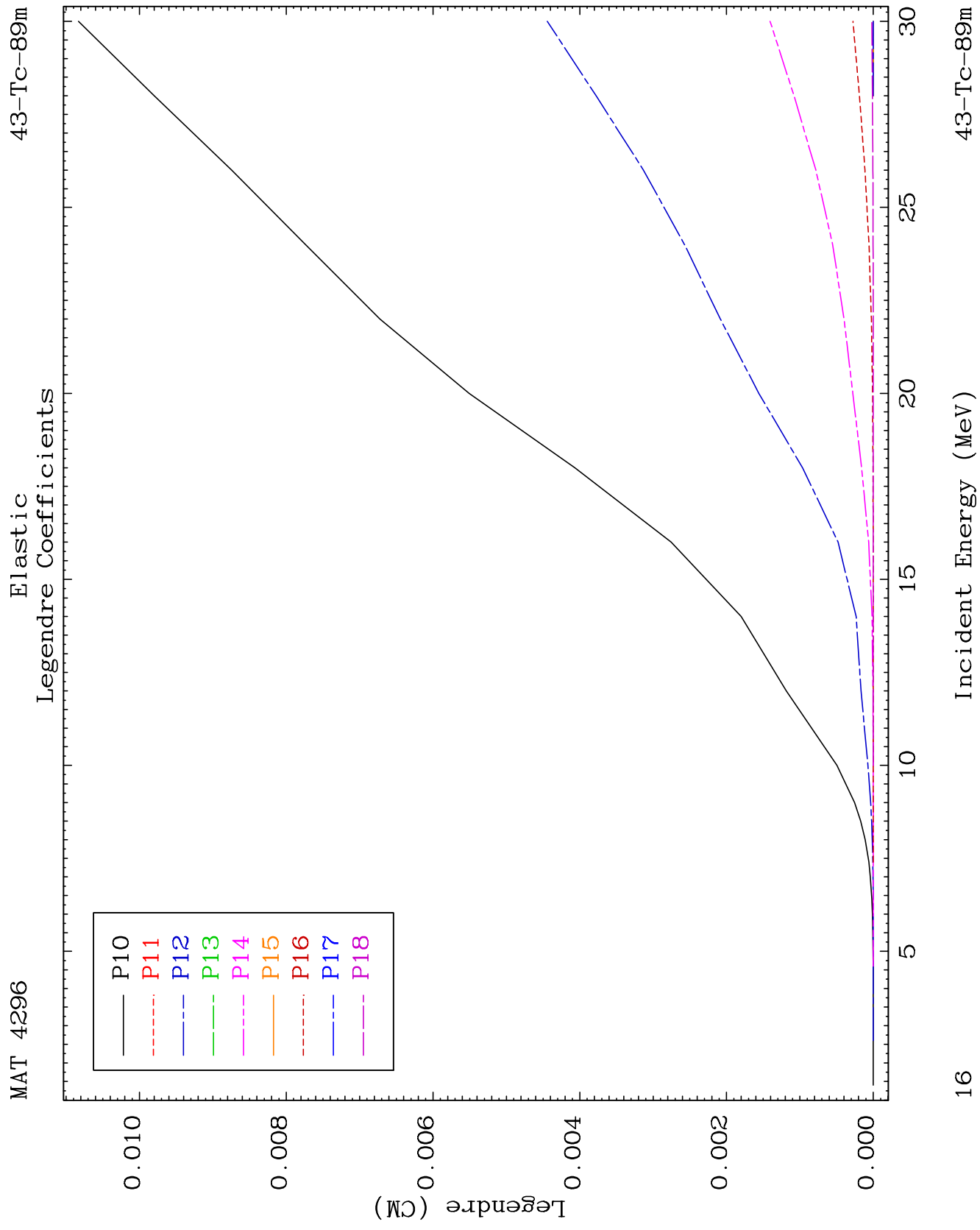


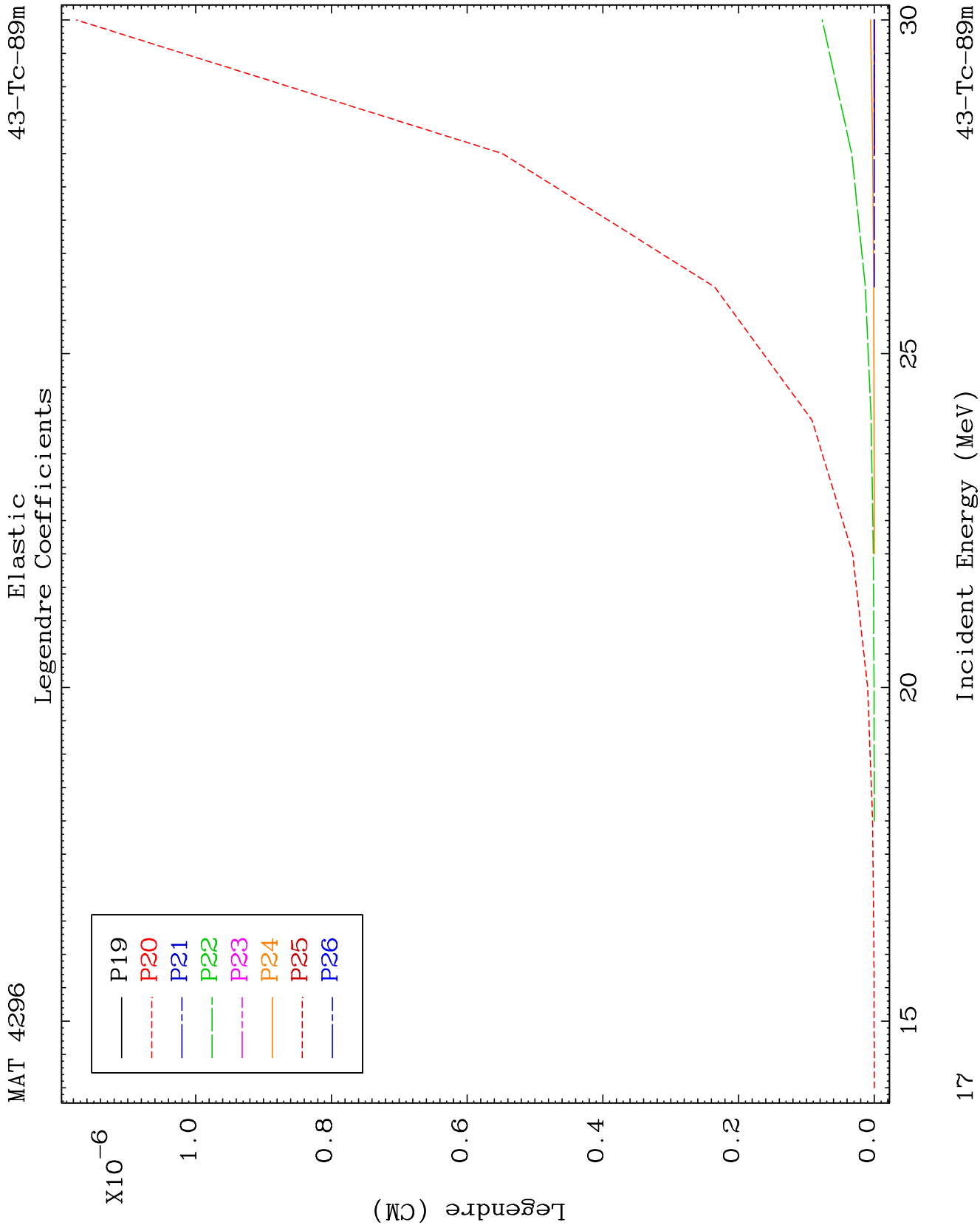
14

Incident Energy (MeV)

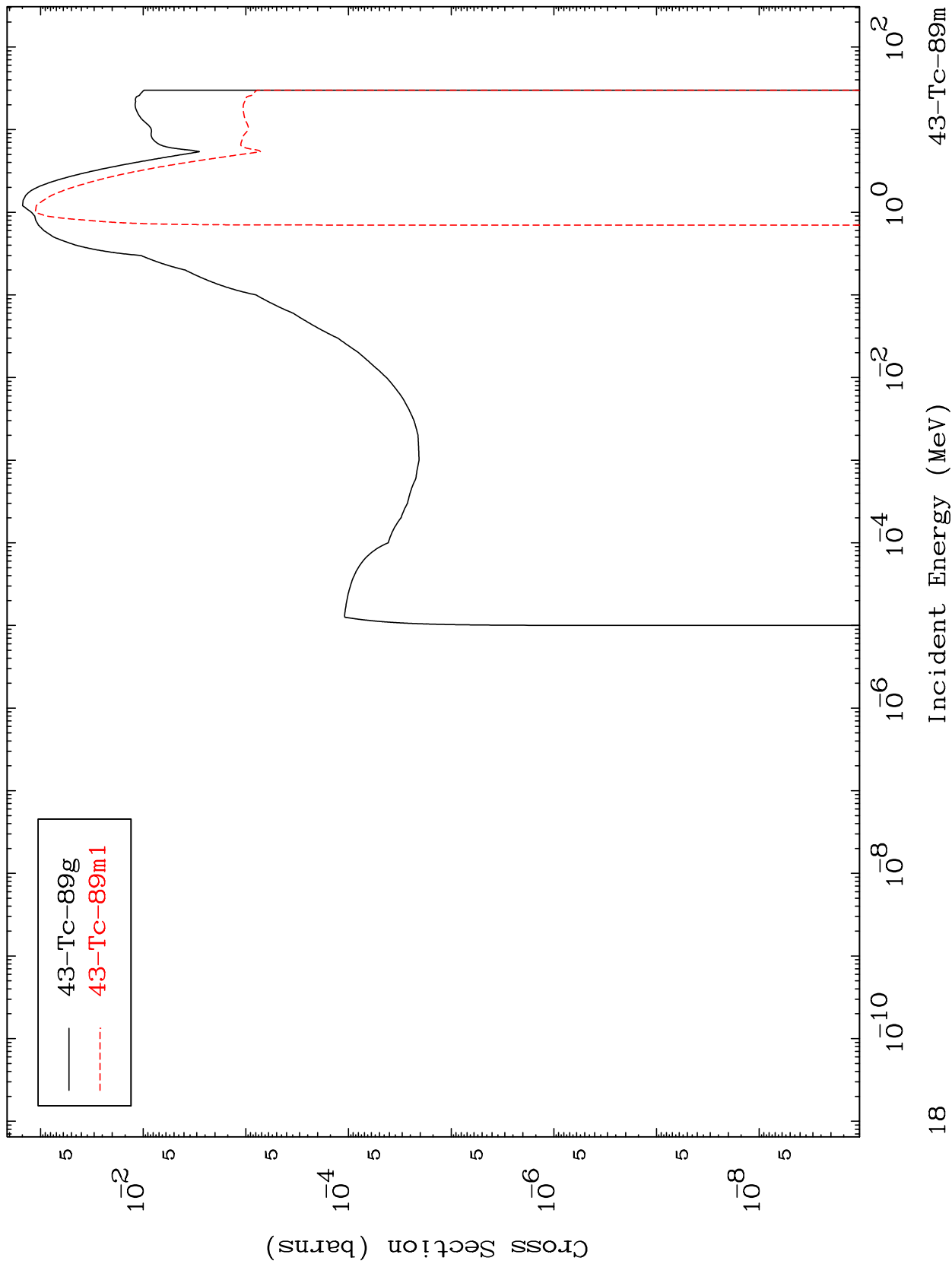
43-Tc-89m







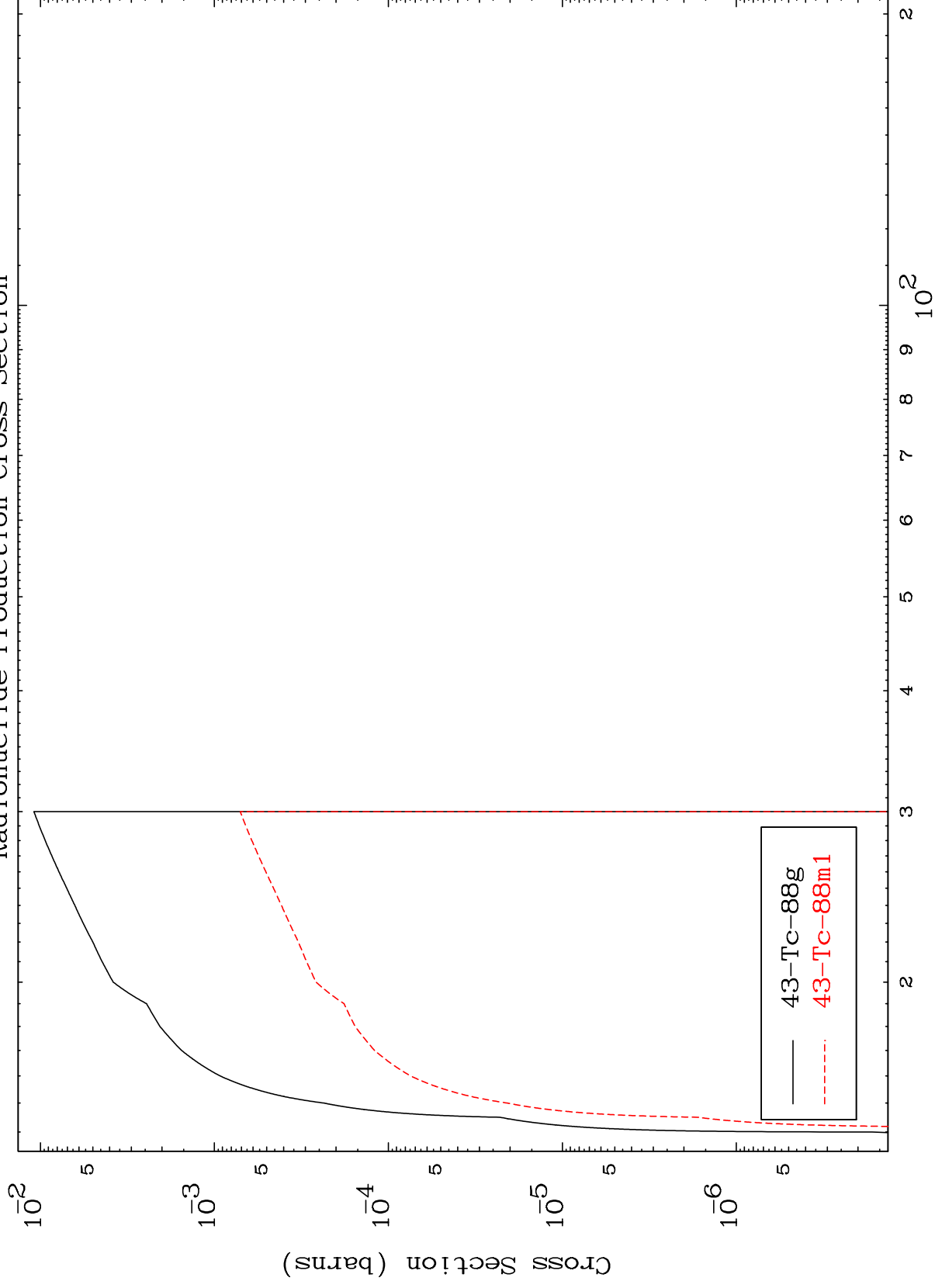
Inelastic
Radionuclide Production Cross Section



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43-Tc-89m

(n,2n)
Radionuclide Production Cross Section



43-Tc-89m

Incident Energy (MeV)

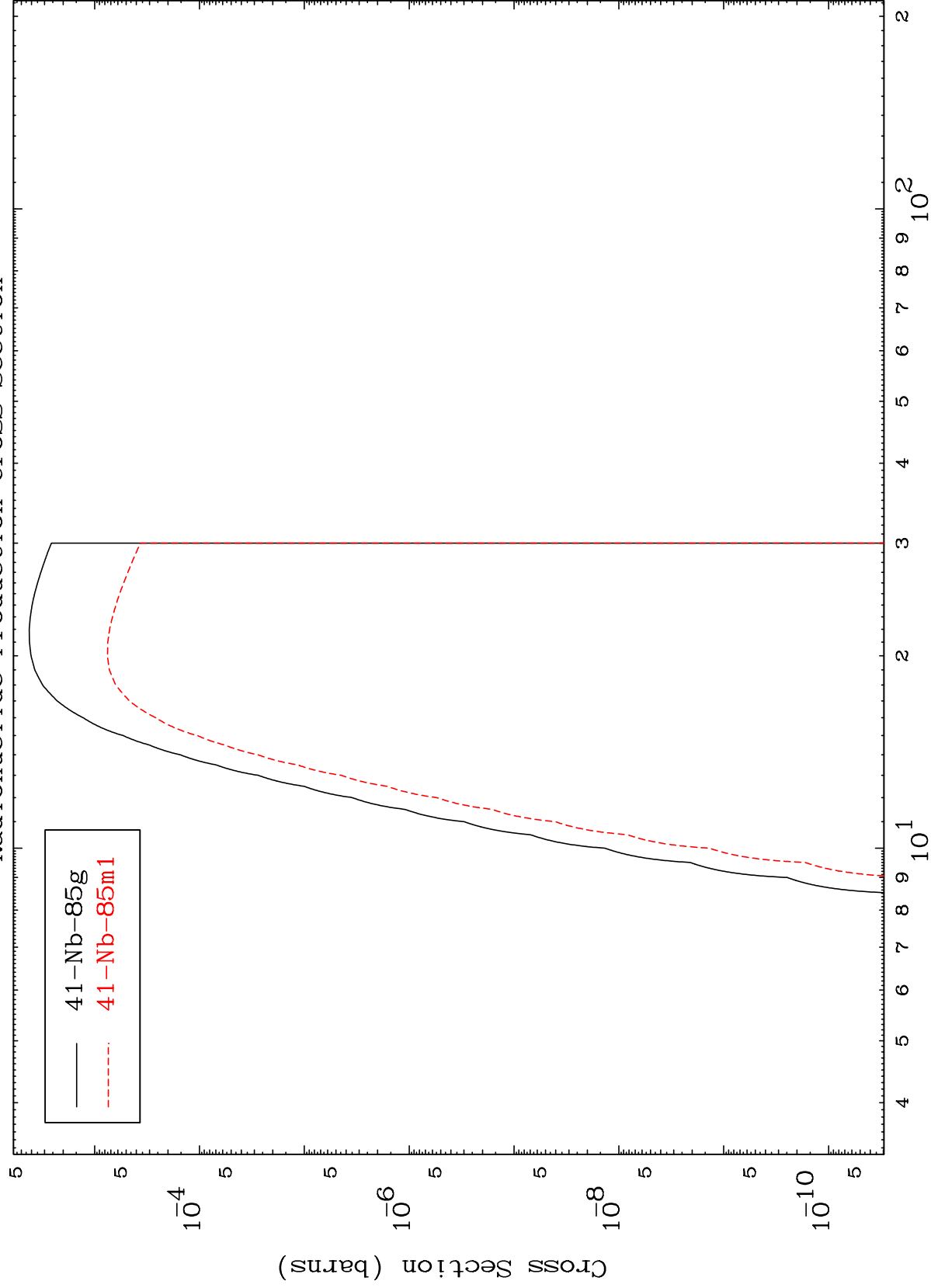
19

10²

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43-Tc-89m

Radionuclide Production Cross Section
(n,n') α



20

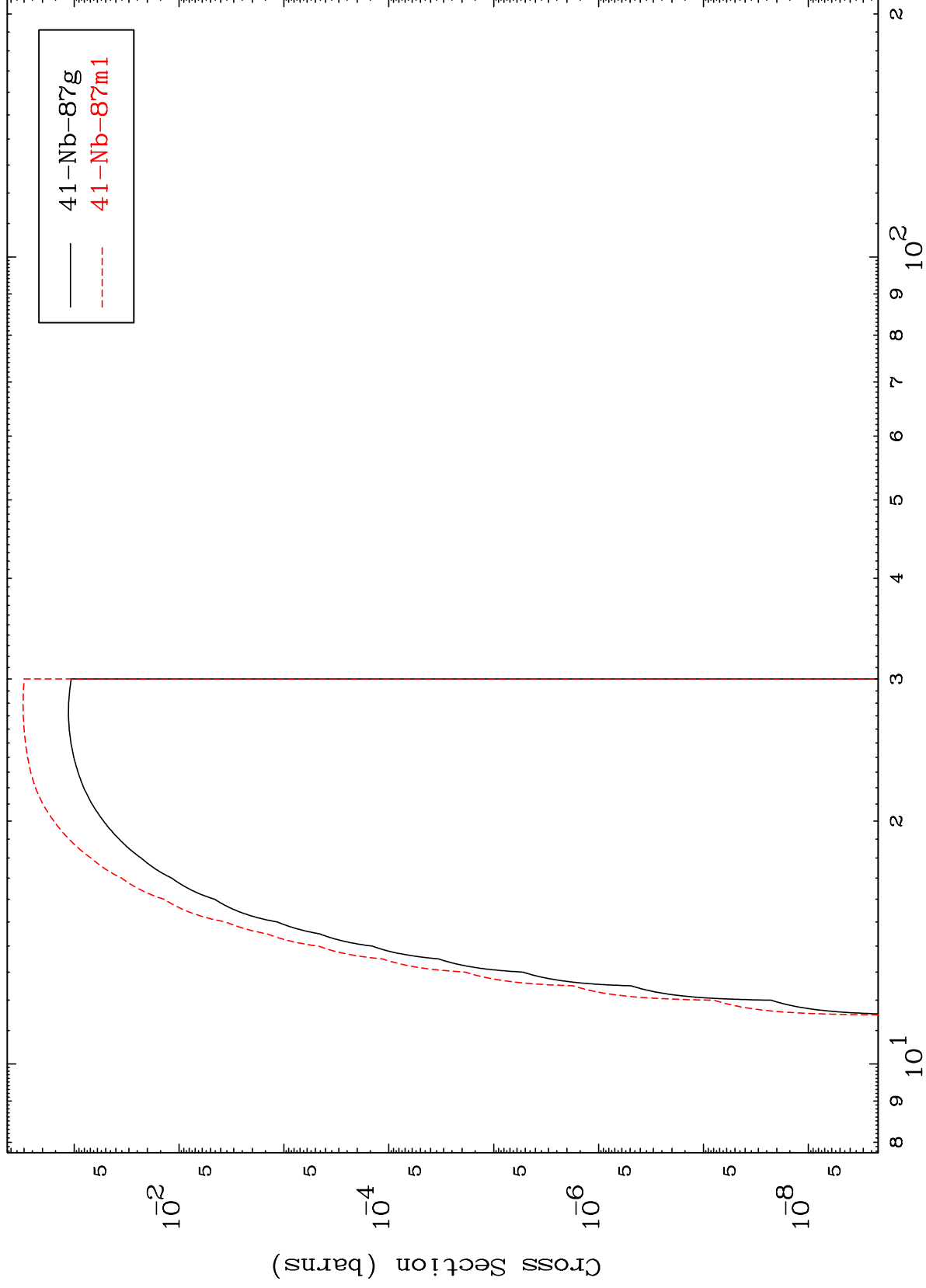
Incident Energy (MeV)

43-Tc-89m

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43-Tc-89m

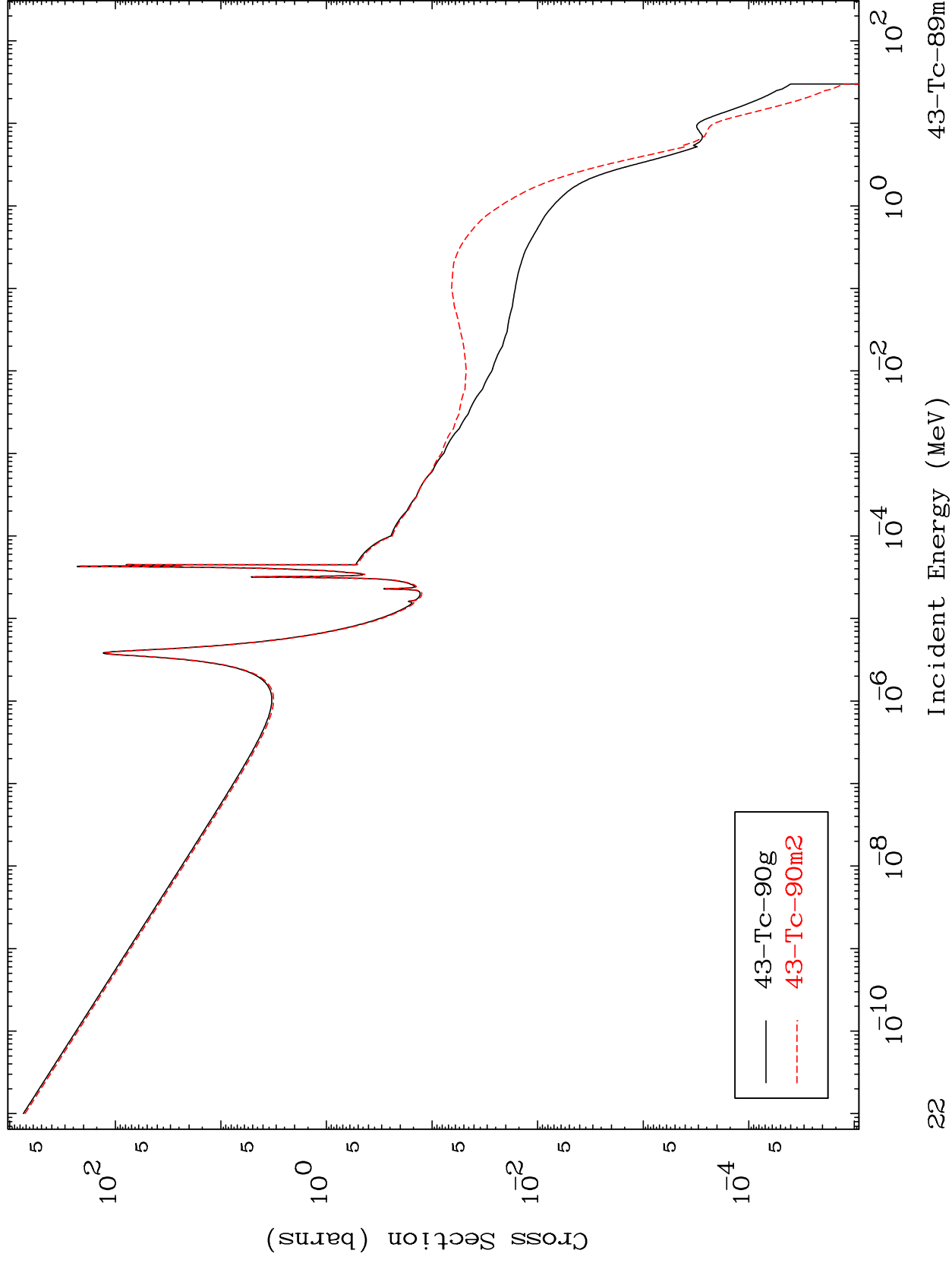
(n,2n) p
Radionuclide Production Cross Section



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Incident Energy (MeV)

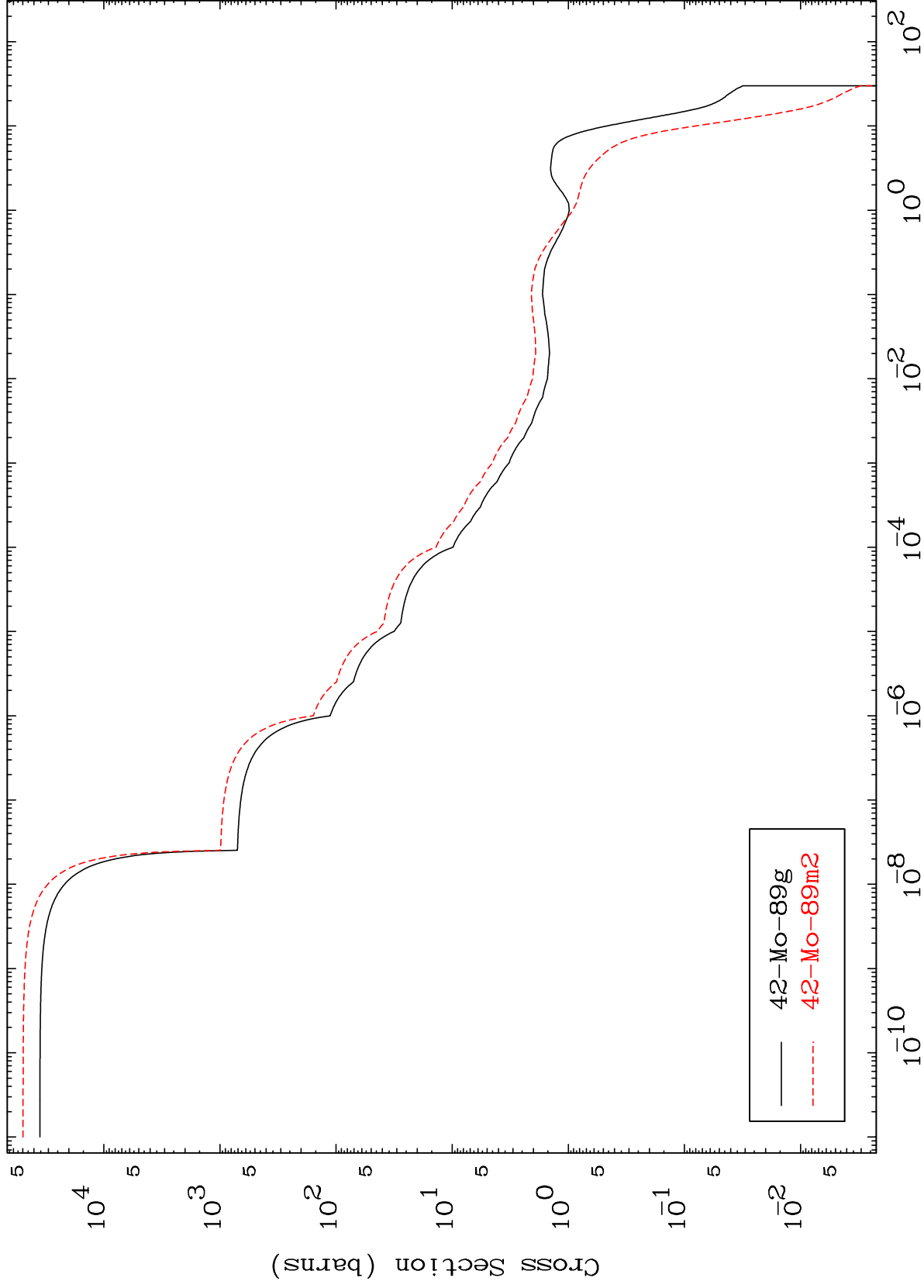
43-Tc-89m

(n, γ)
Radionuclide Production Cross Section

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43-Tc-89m

(n,p)
Radionuclide Production Cross Section



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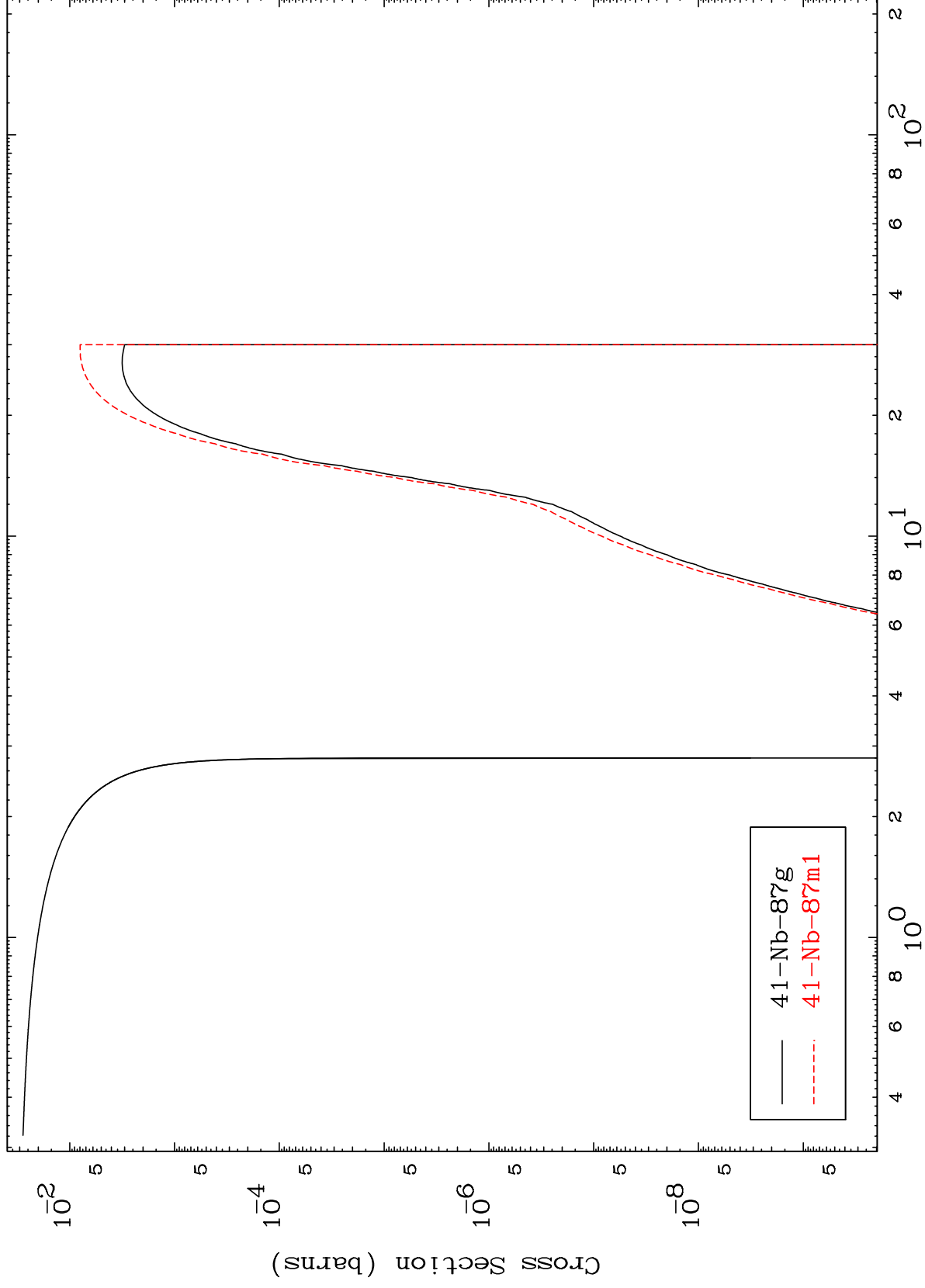
43-Tc-89m

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(n,He-3)

43-Tc-89m

Radionuclide Production Cross Section



24

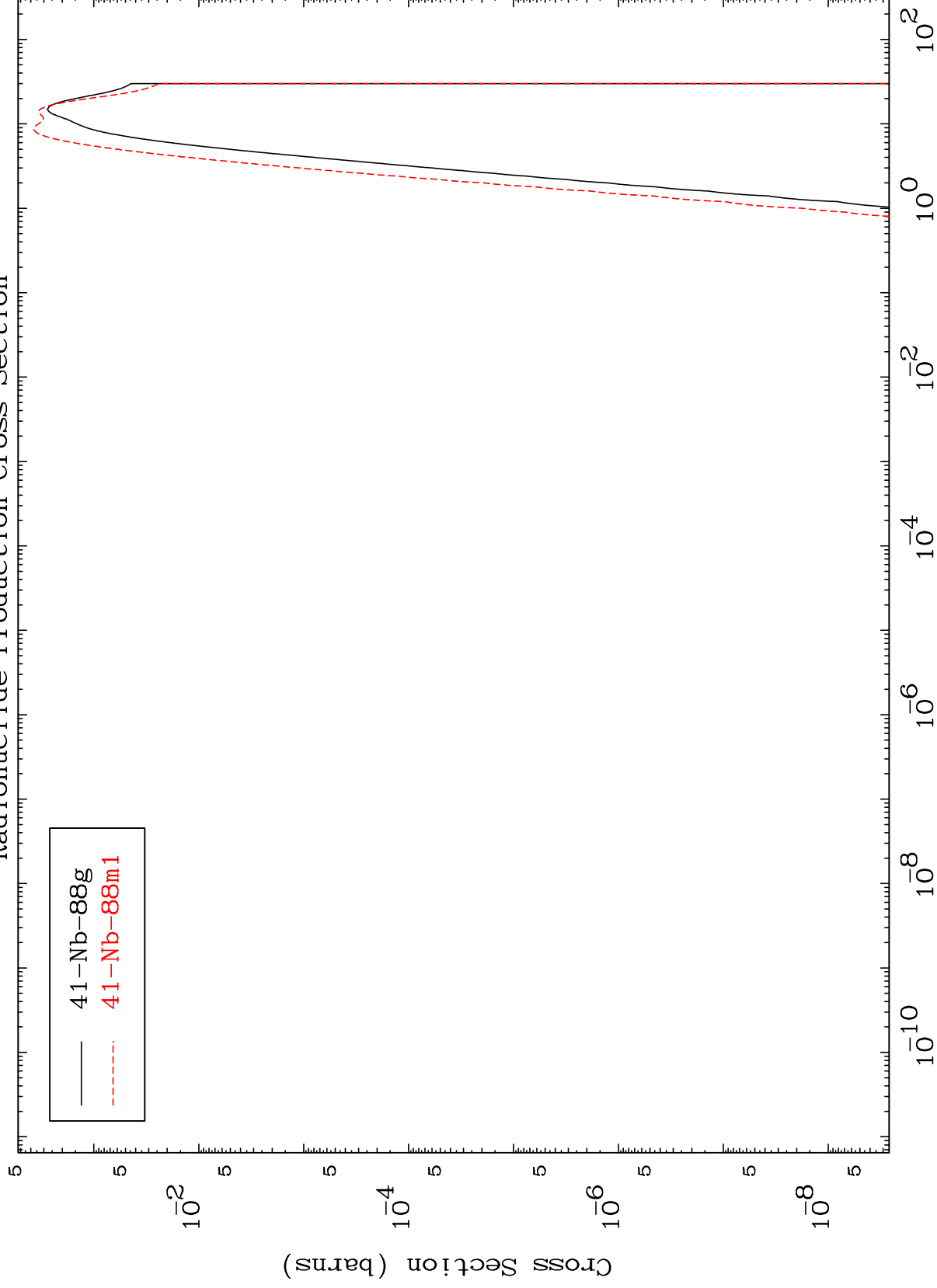
Incident Energy (MeV)

43-Tc-89m

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Radionuclide Production Cross Section
(n,2p)

43-Tc-89m

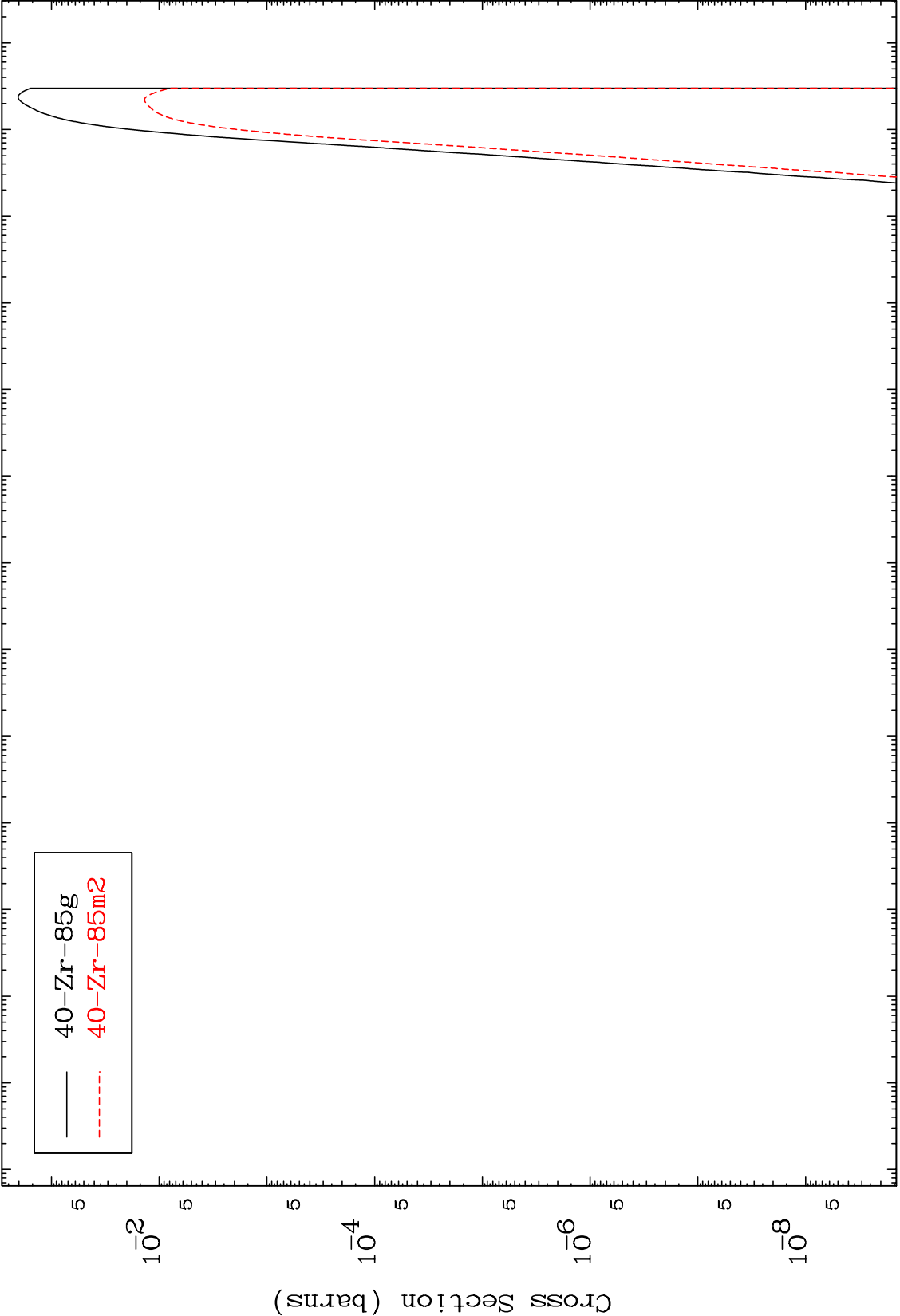


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Incident Energy (MeV)

43-Tc-89m

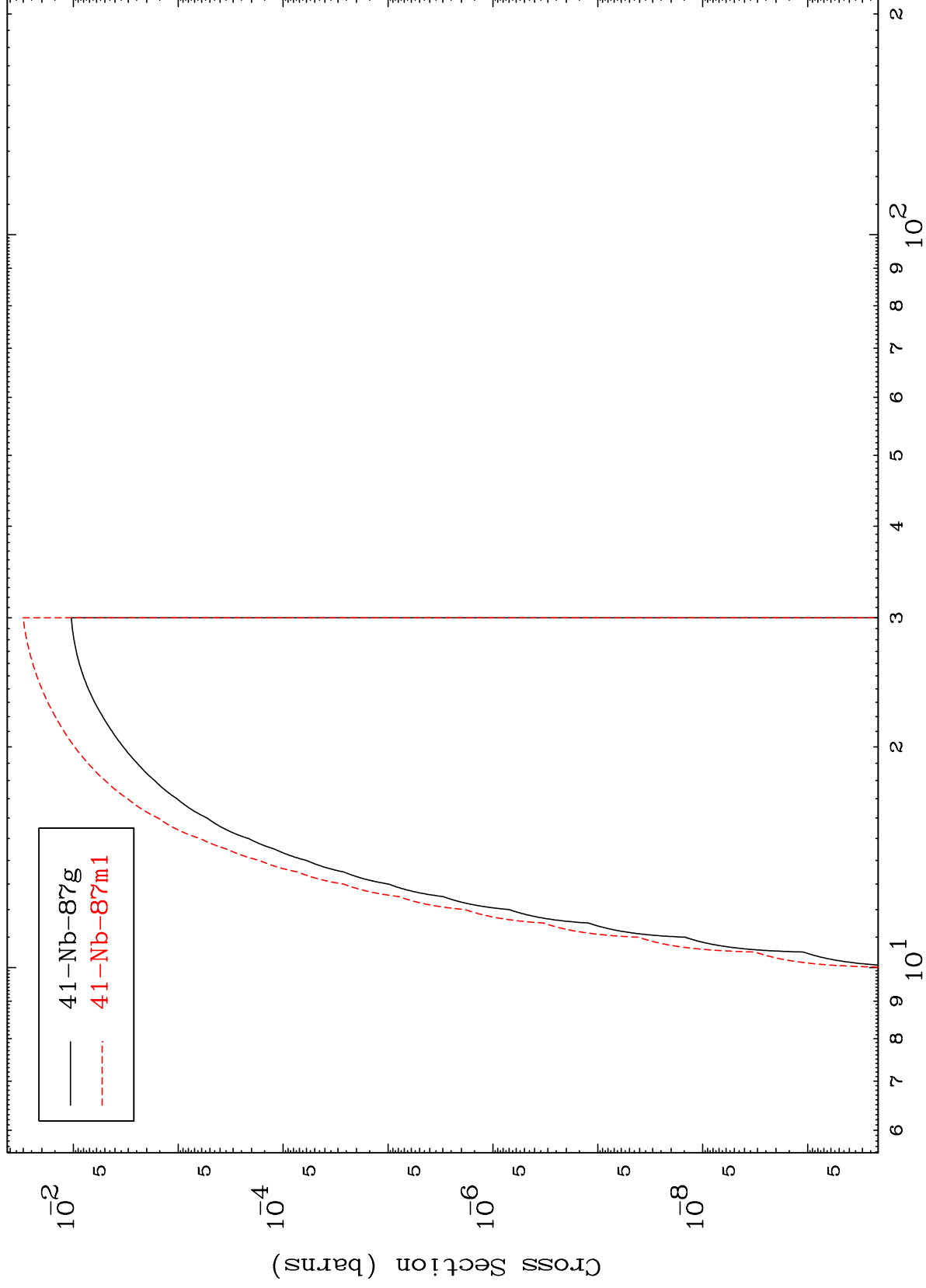
Radionuclide Production Cross Section



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43-Tc-89m

(n,p) d
Radionuclide Production Cross Section



27

Incident Energy (MeV)

43-Tc-89m