

Program EVALPLOT
(Version 2021-1)

by

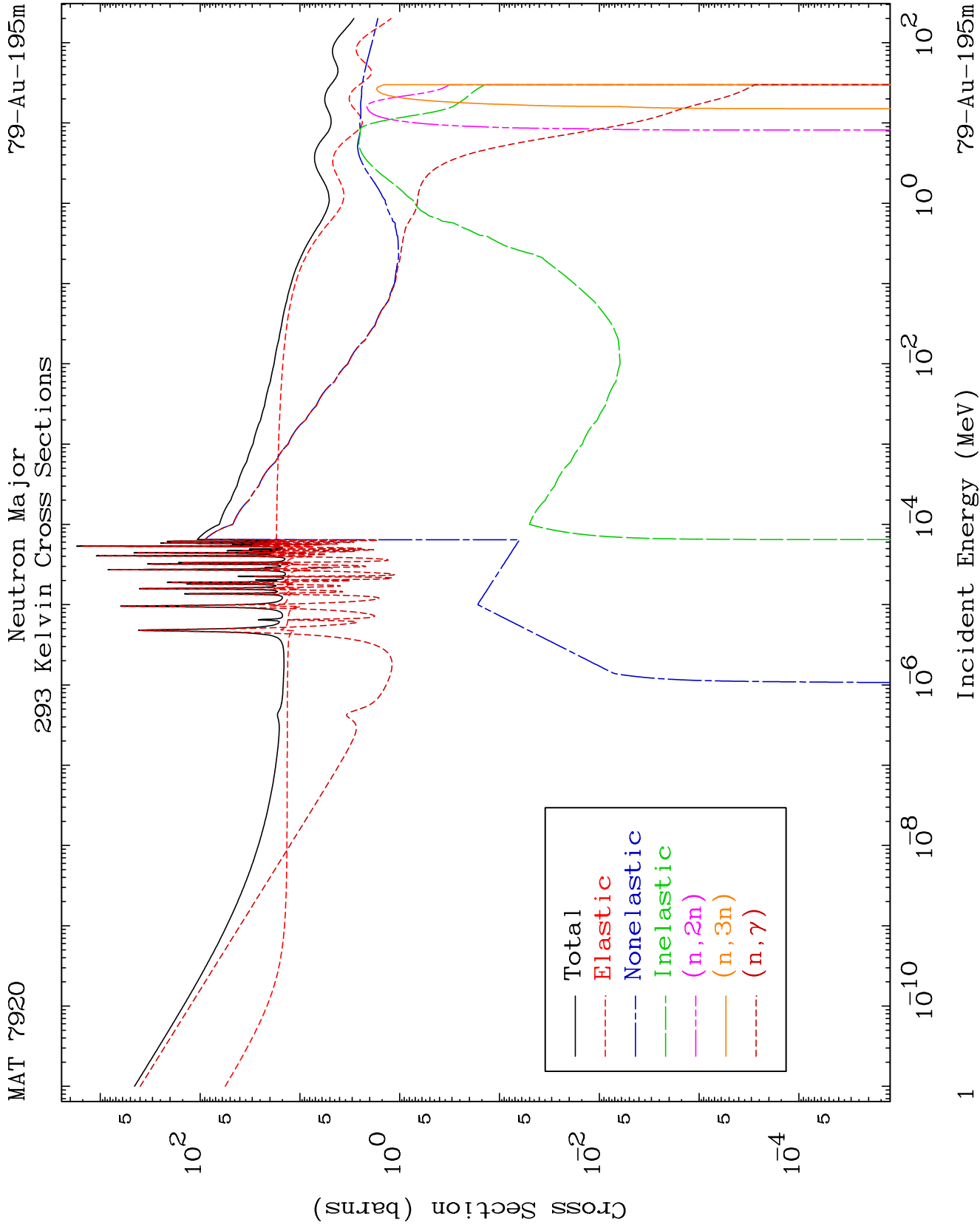
Dermott E. Cullen
(Present Contact Information)

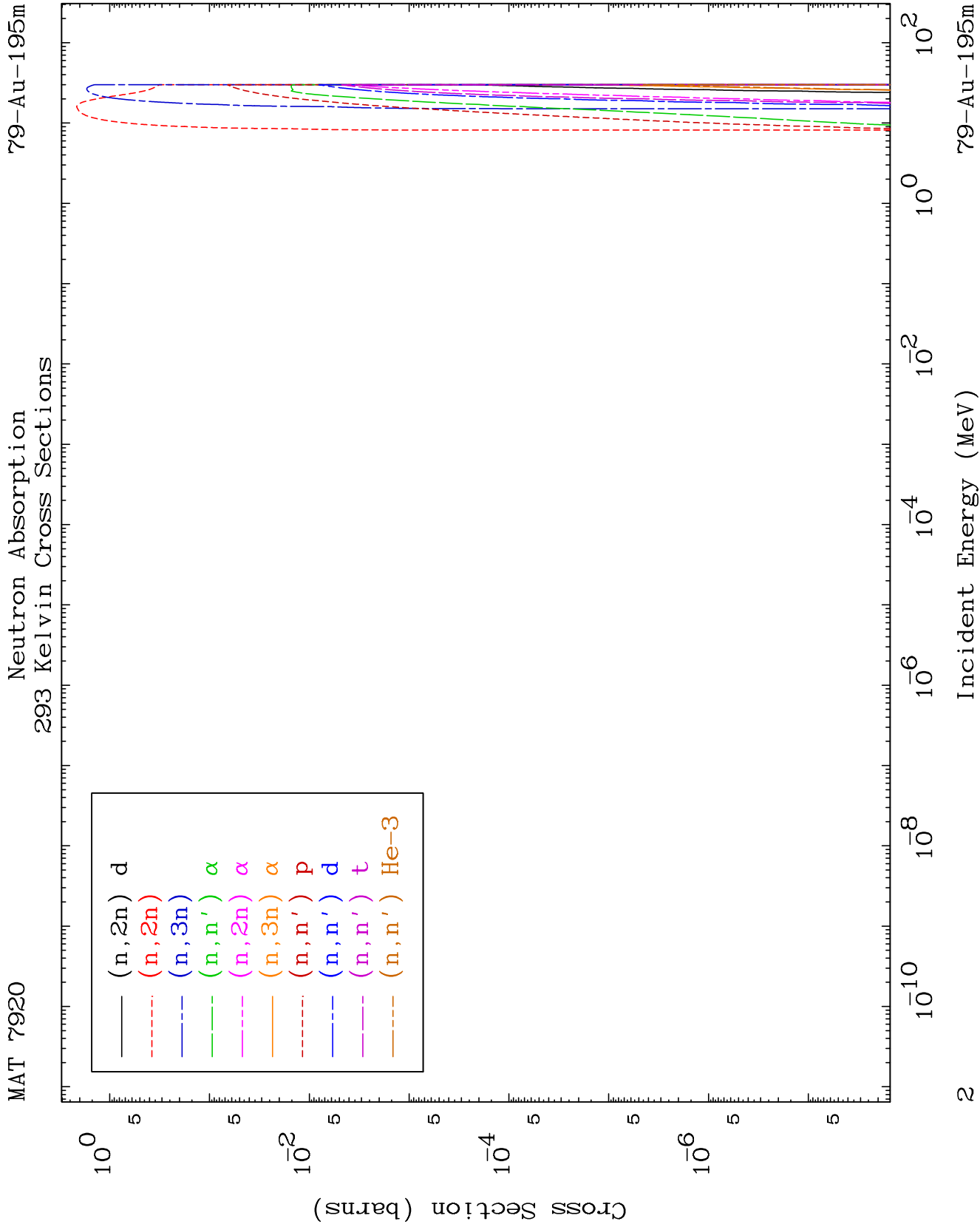
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

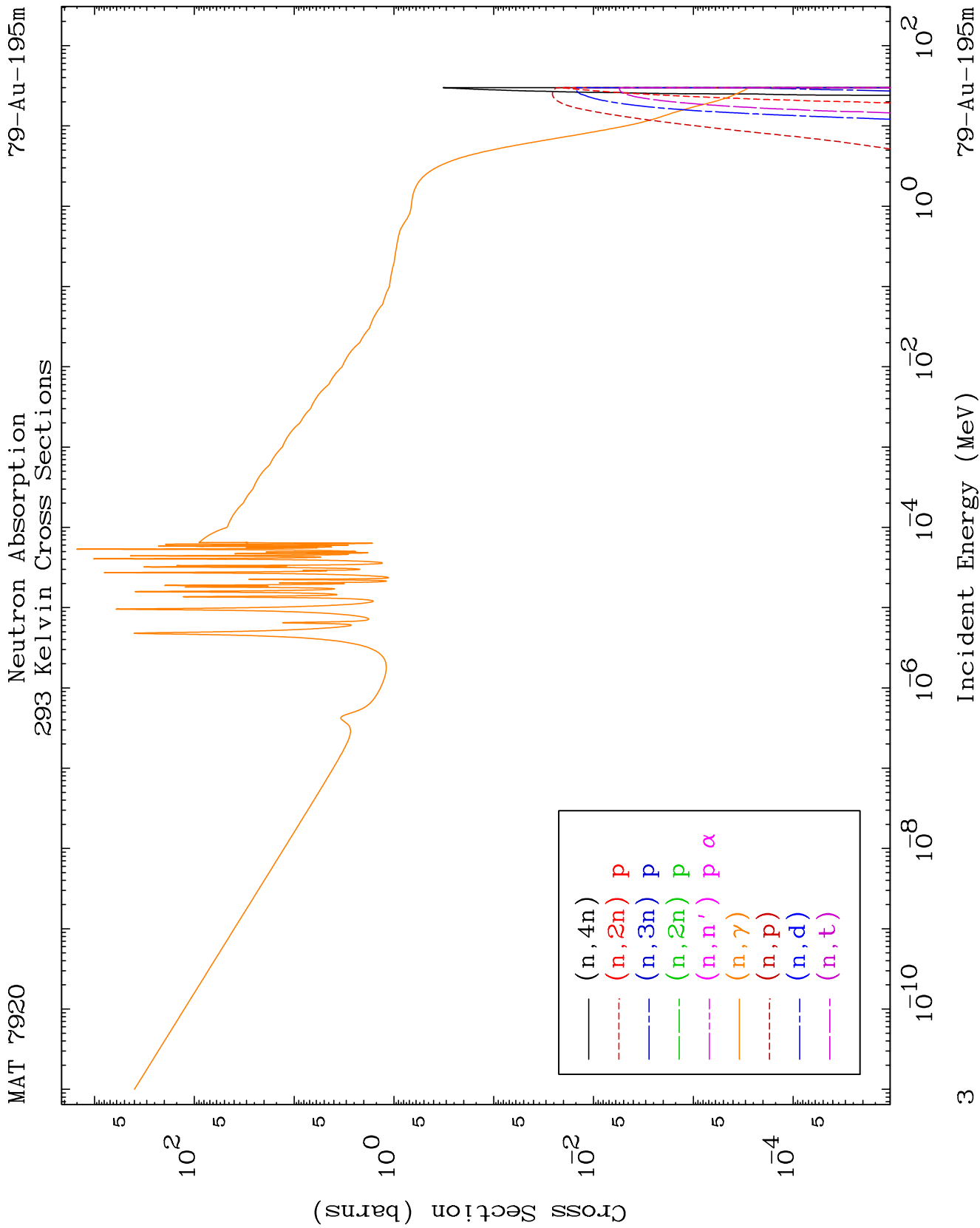
Tele: 925-443-1911

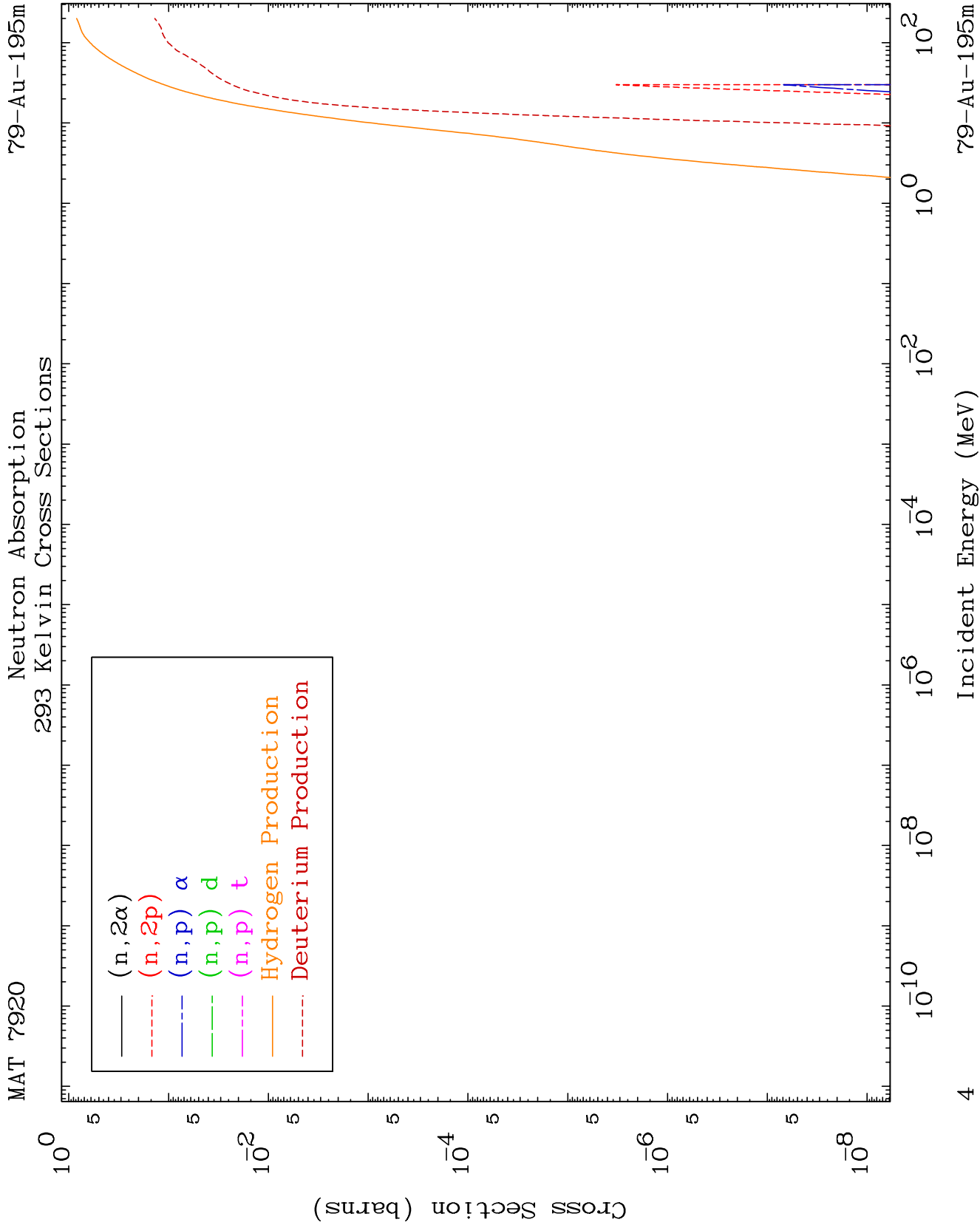
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





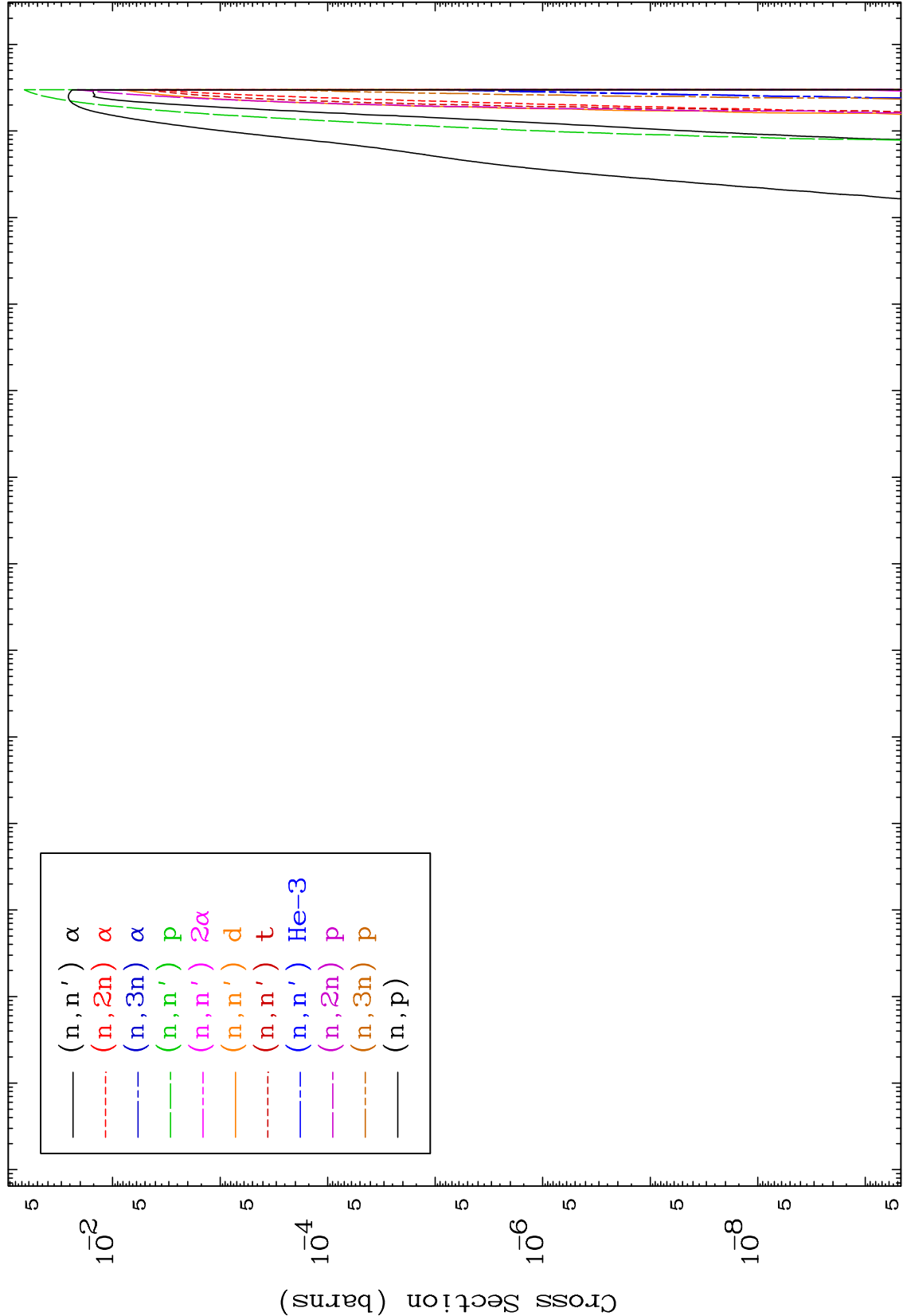




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Charged Particle
293 Kelvin Cross Sections

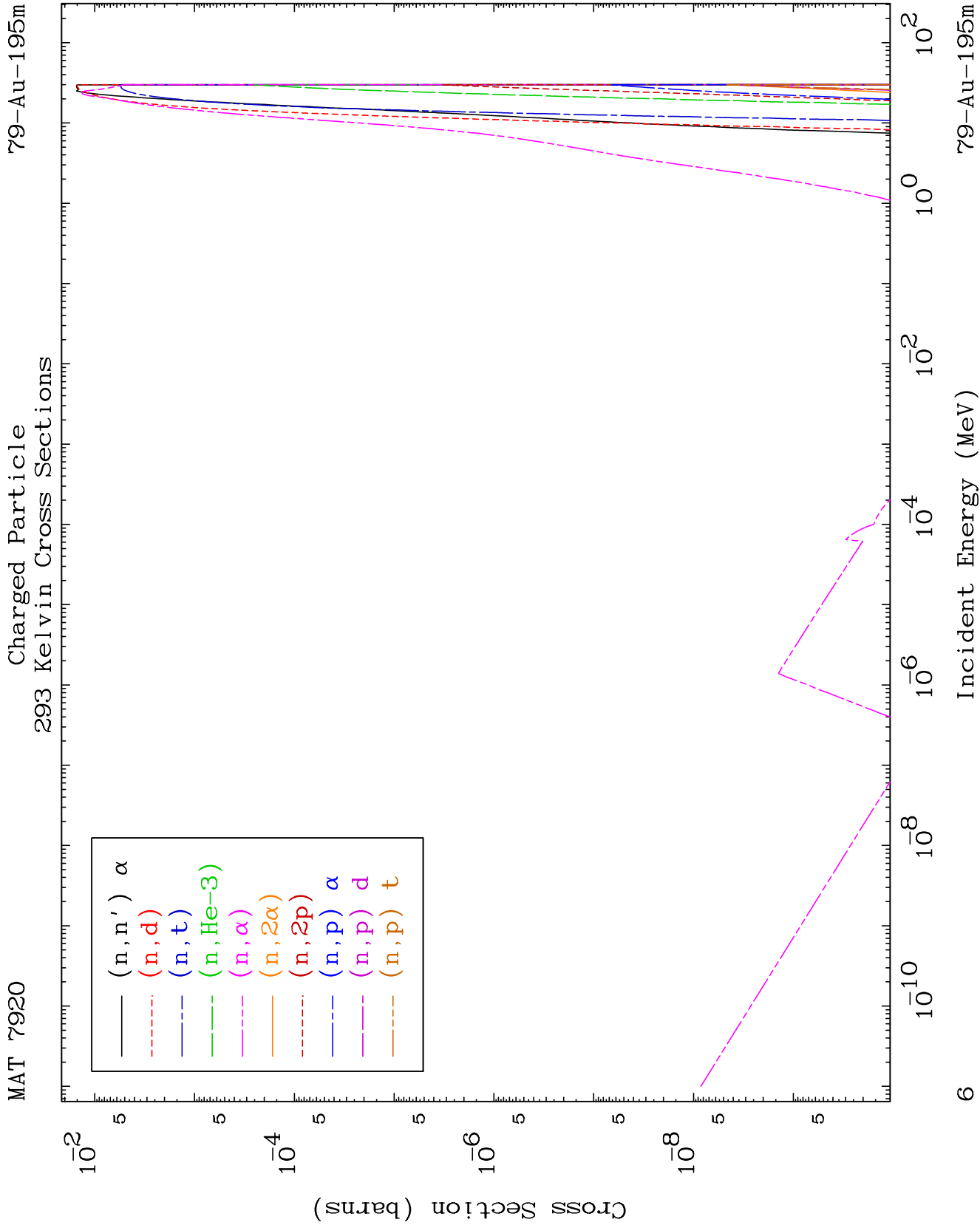
79-Au-195m

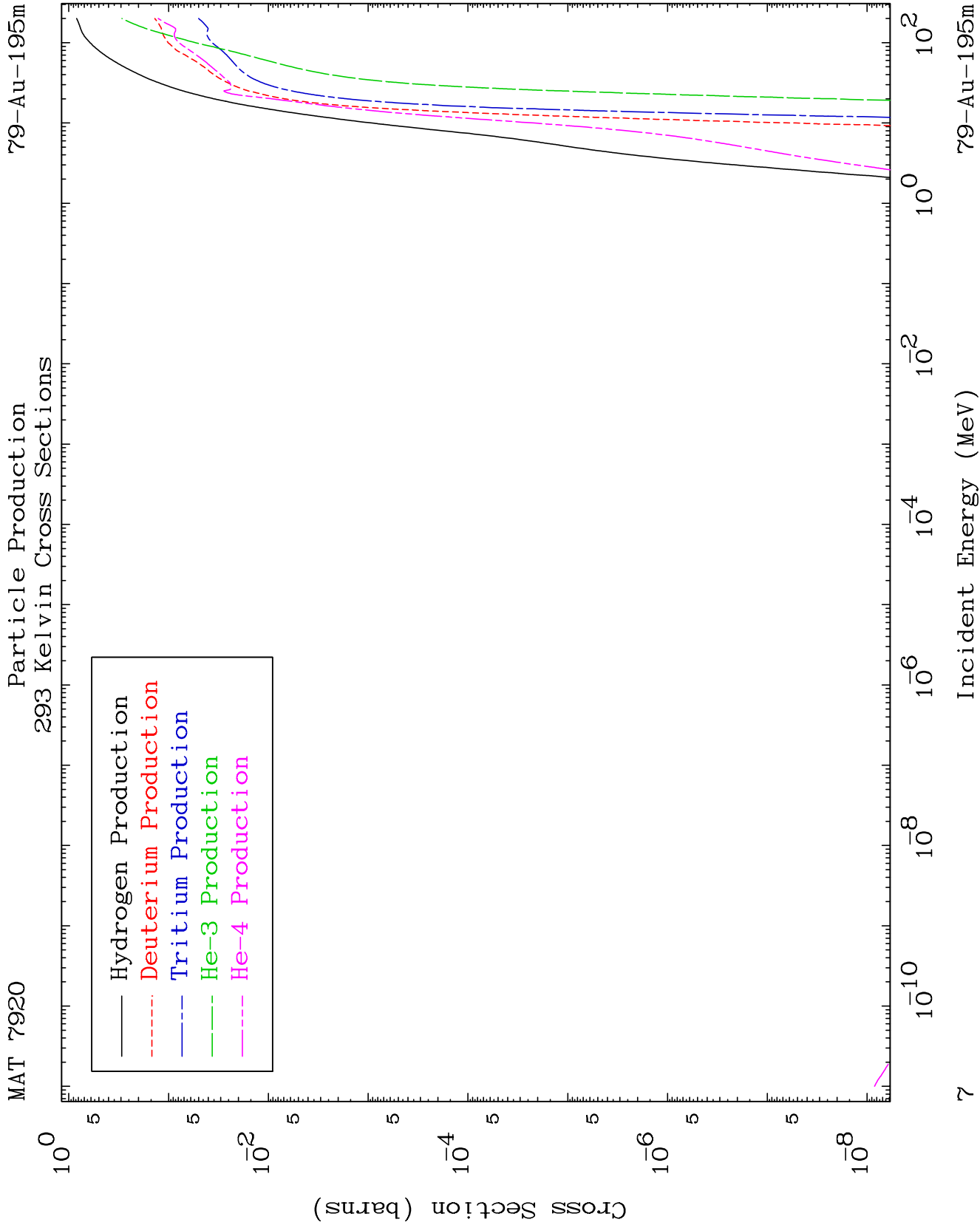


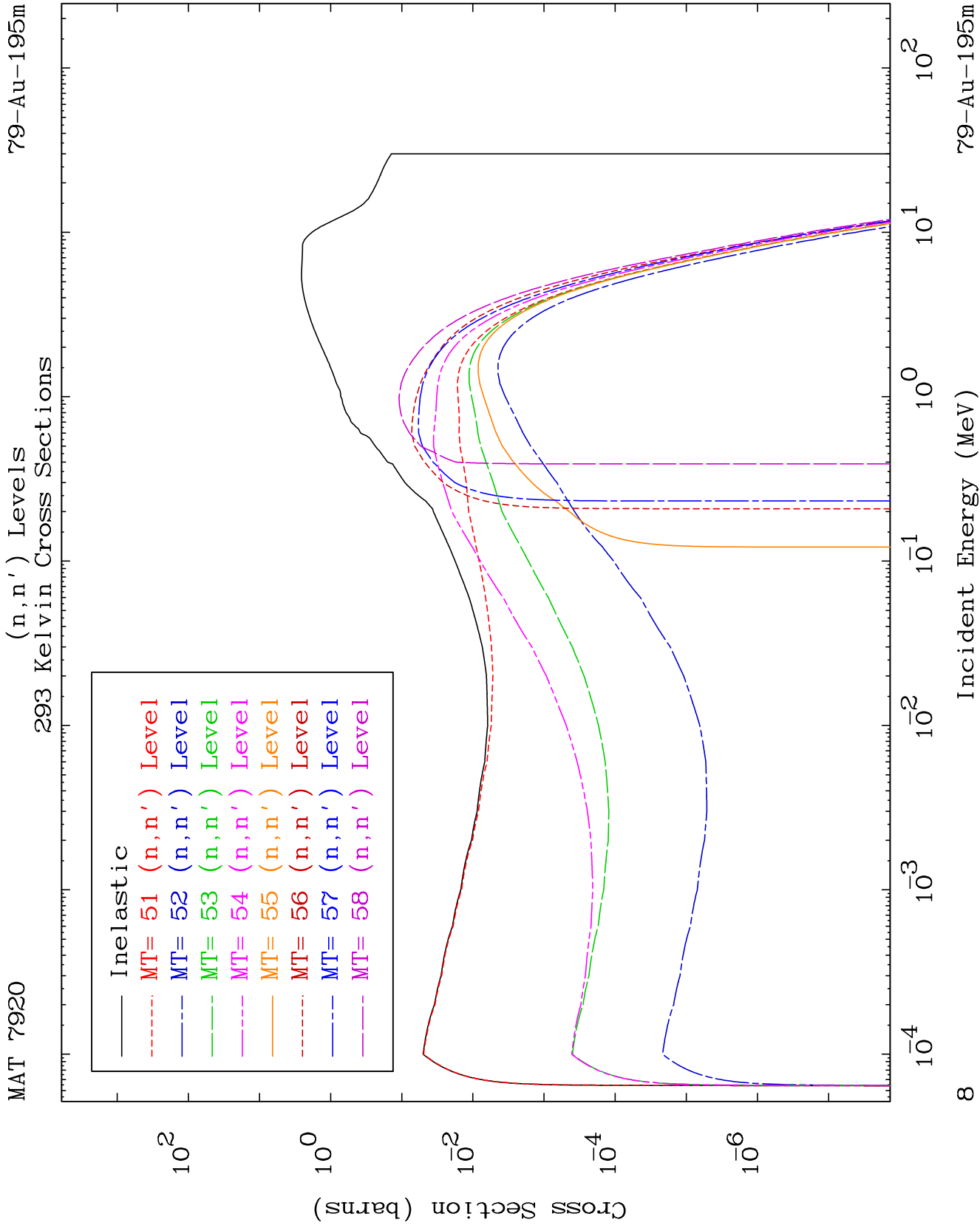
5

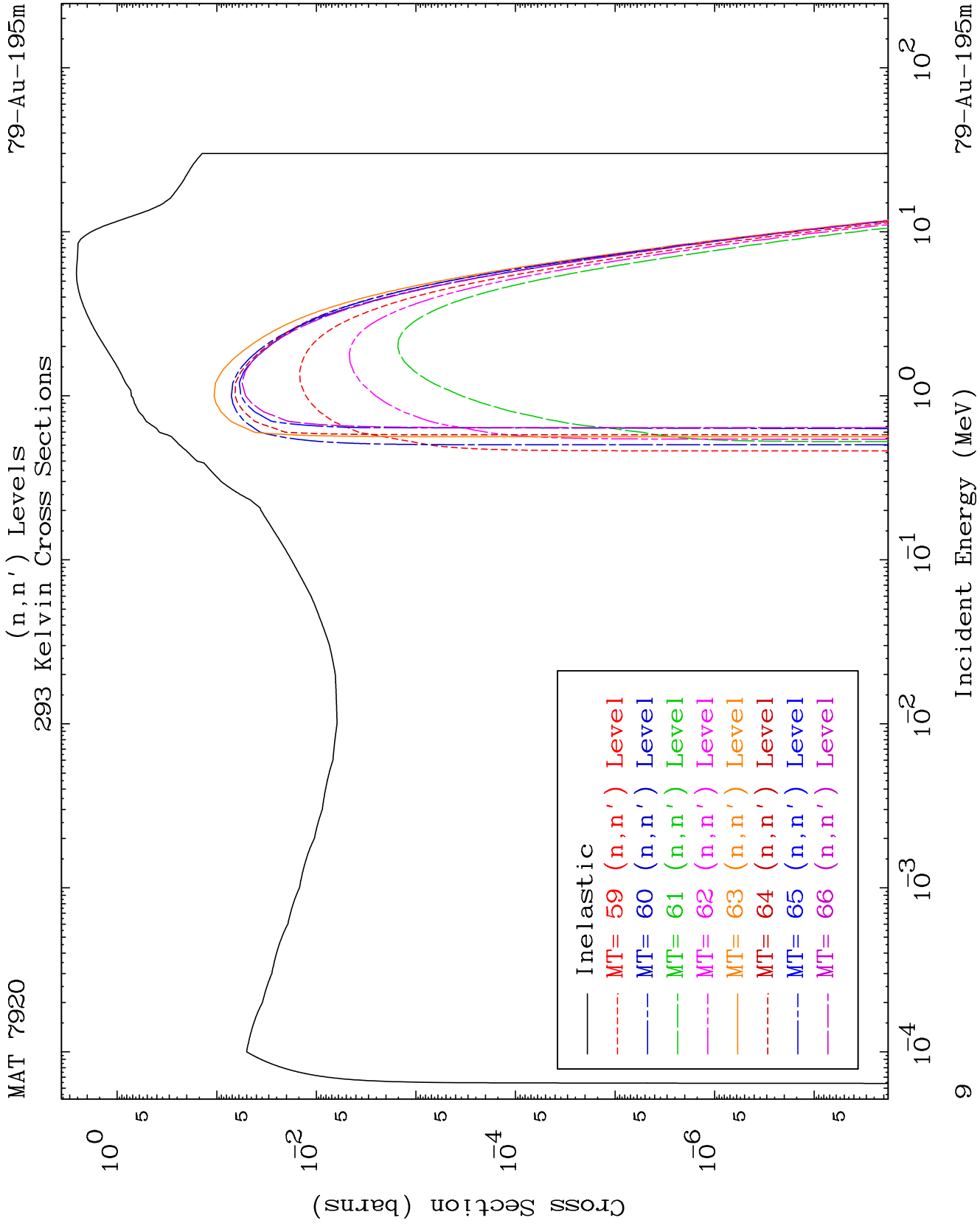
Incident Energy (MeV)

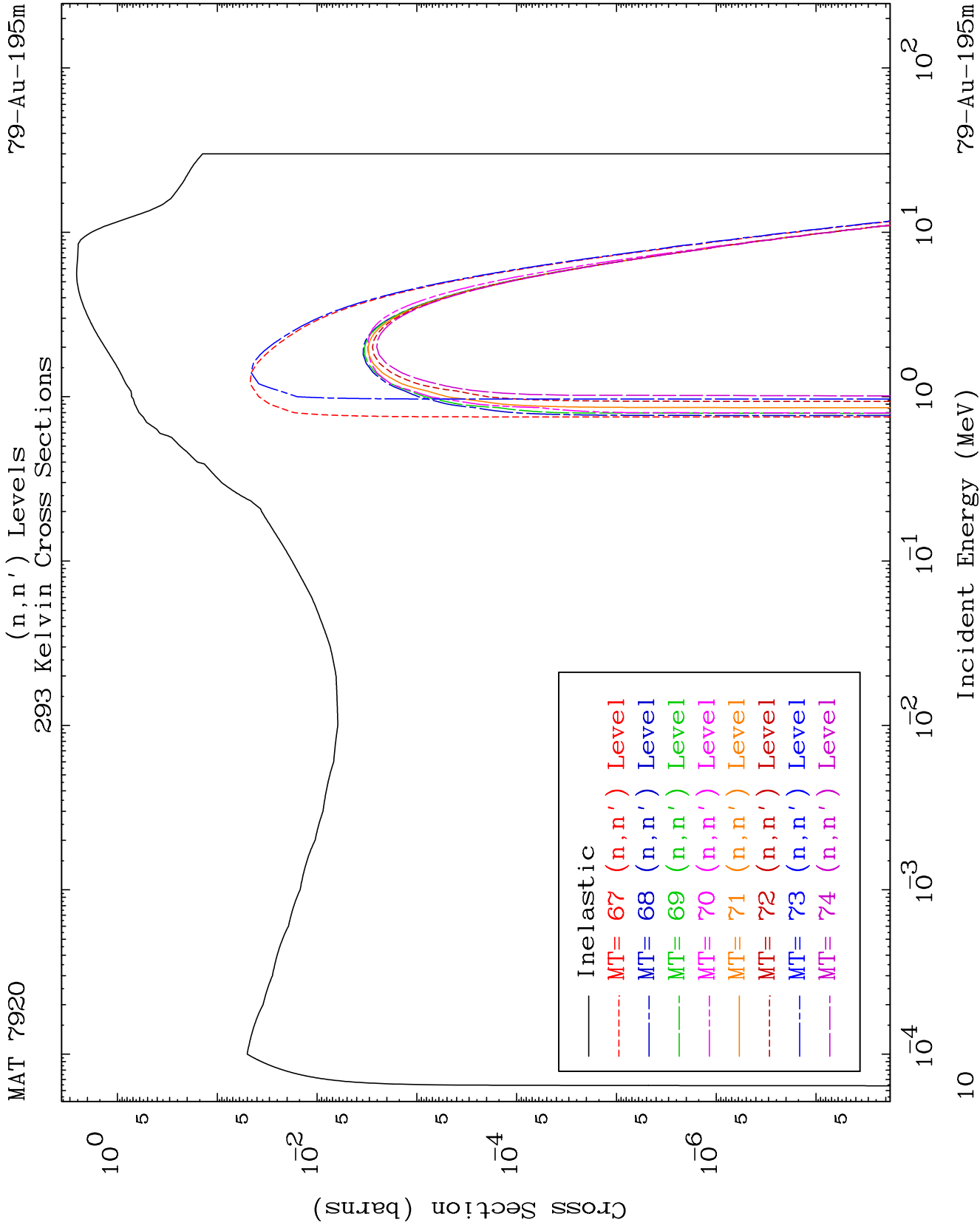
79-Au-195m

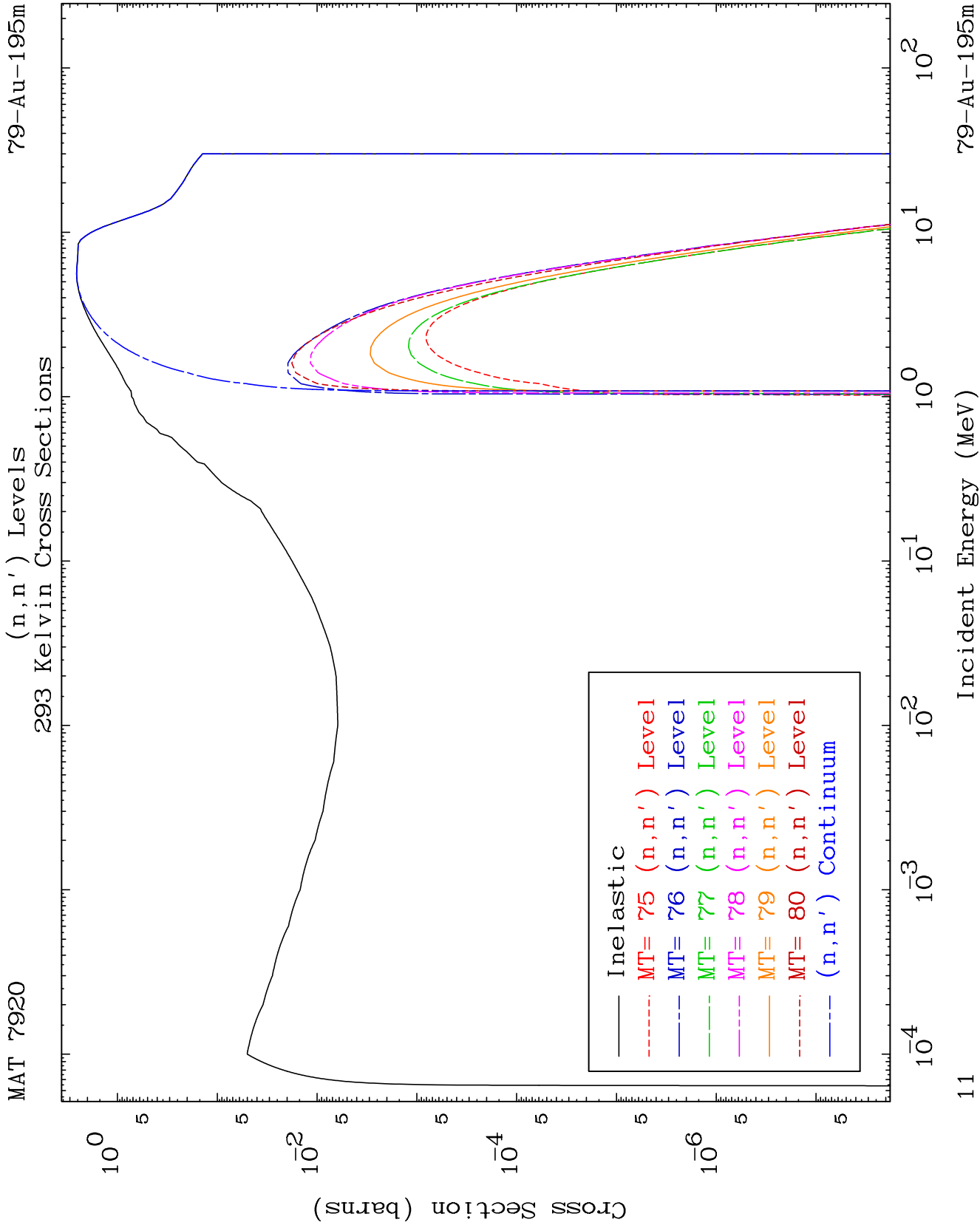








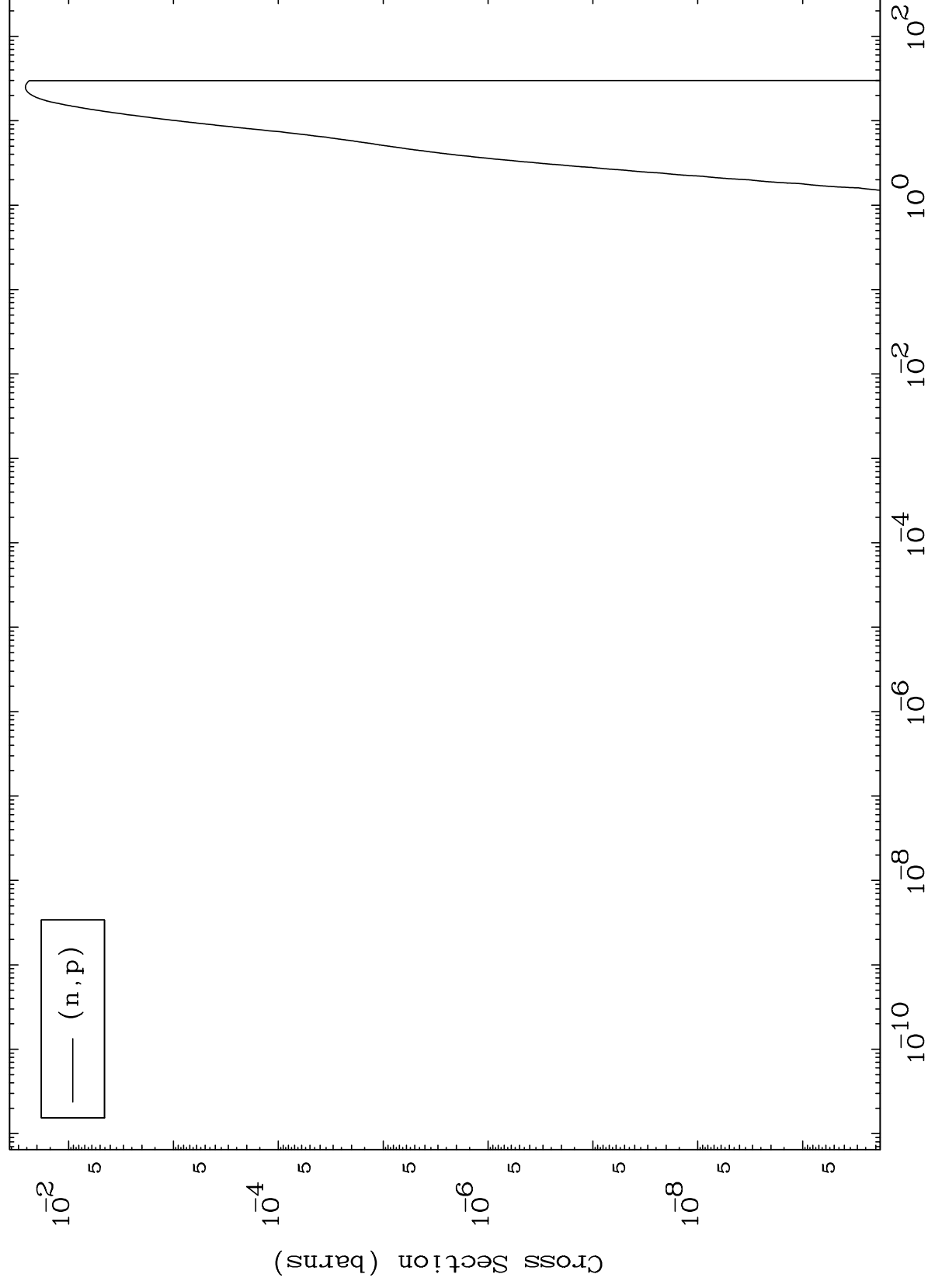




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(n,p) Levels
293 Kelvin Cross Sections

⁷⁹Au-195m



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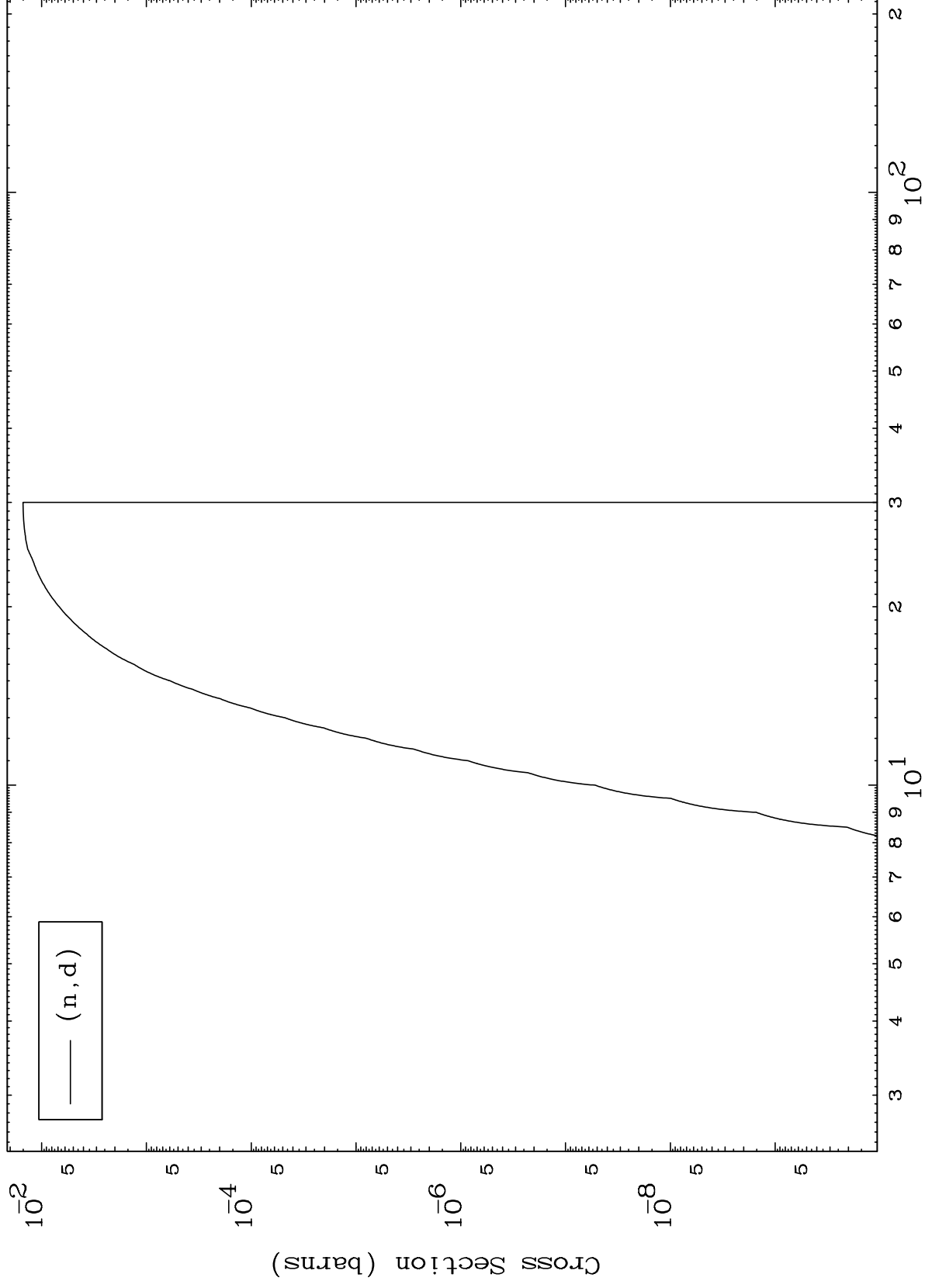
Incident Energy (MeV)

⁷⁹Au-195m

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(n,d) Levels
293 Kelvin Cross Sections

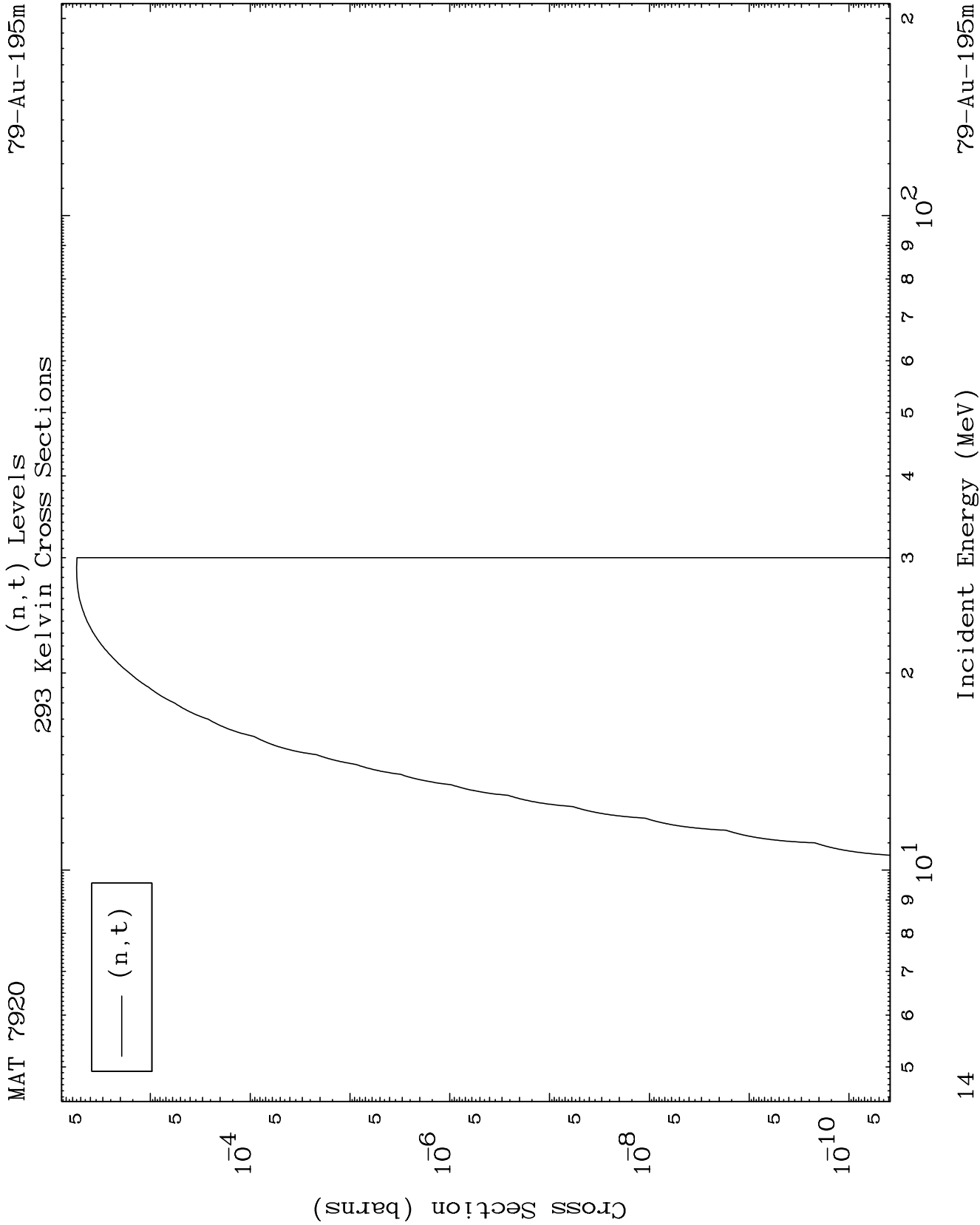
⁷⁹Au-195m



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Incident Energy (MeV)

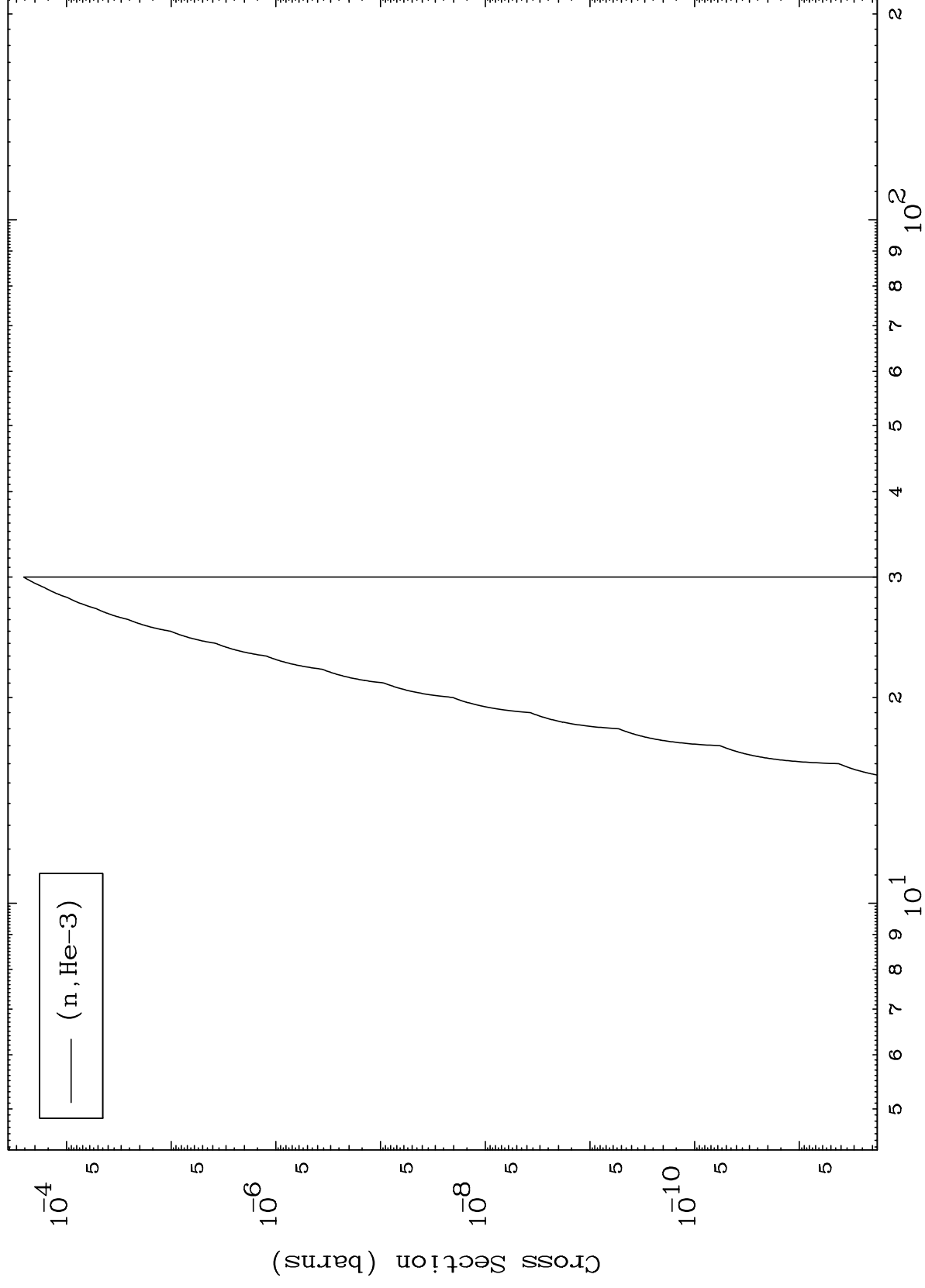
⁷⁹Au-195m



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(n,He3) Levels
293 Kelvin Cross Sections

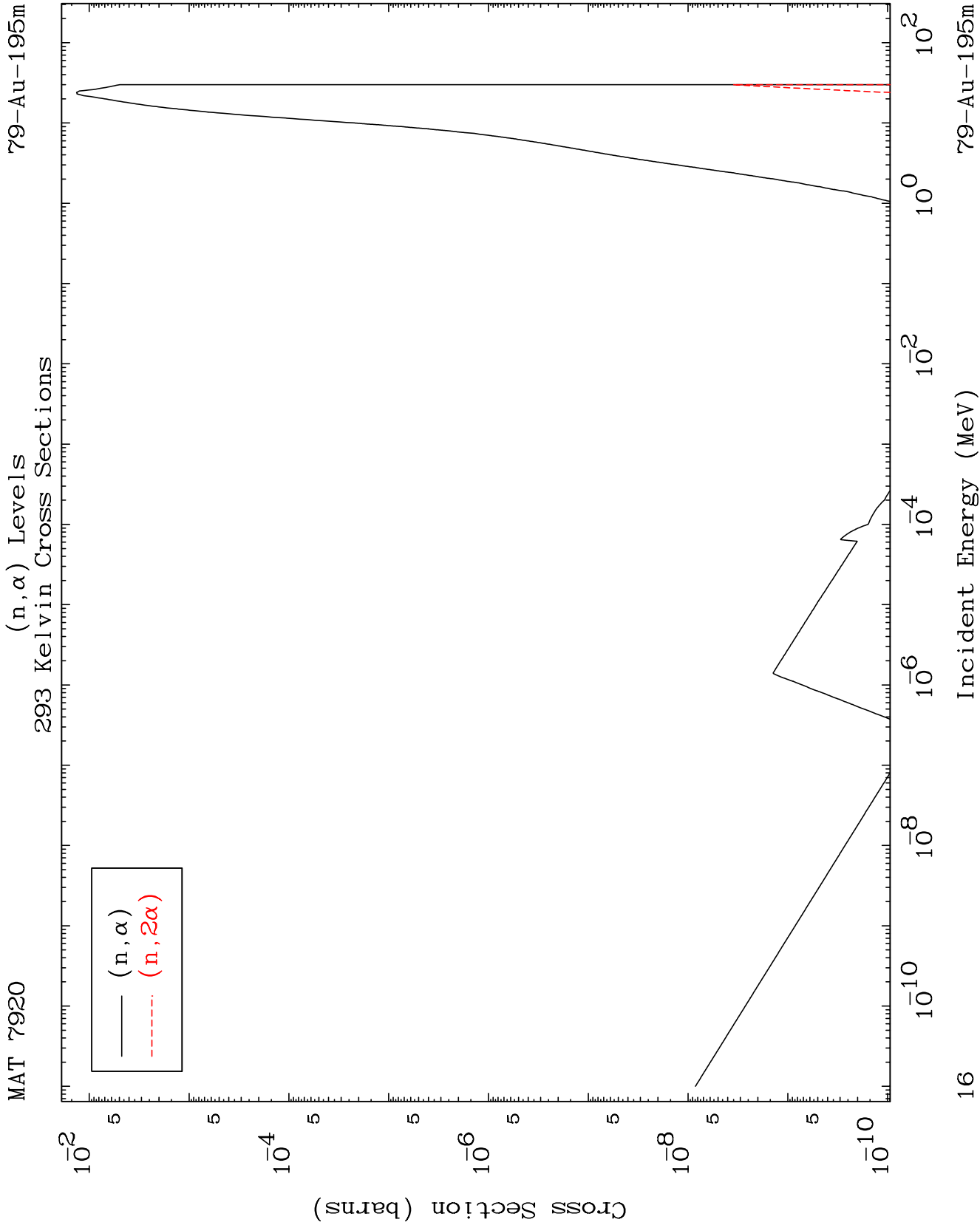
79-Au-195m

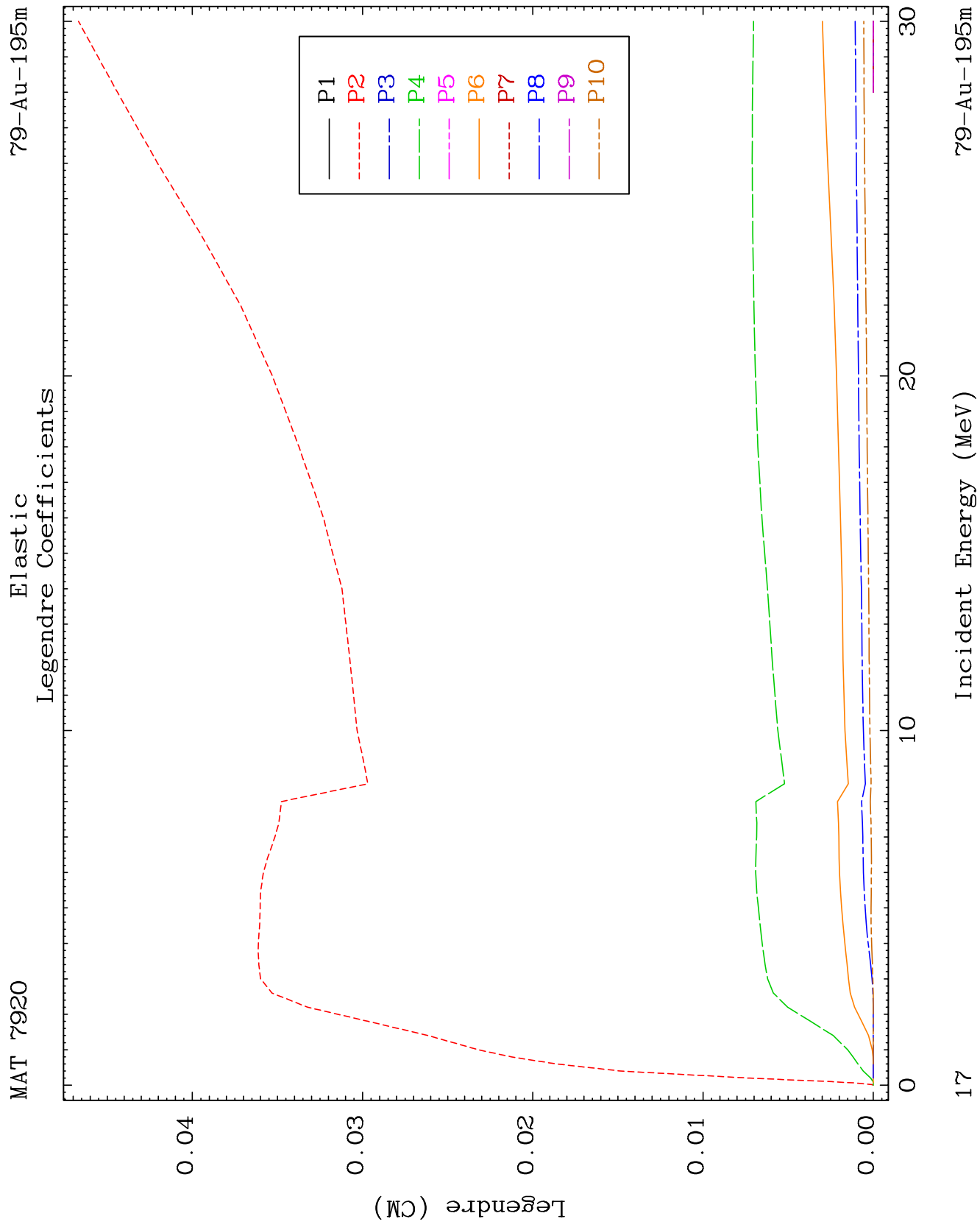


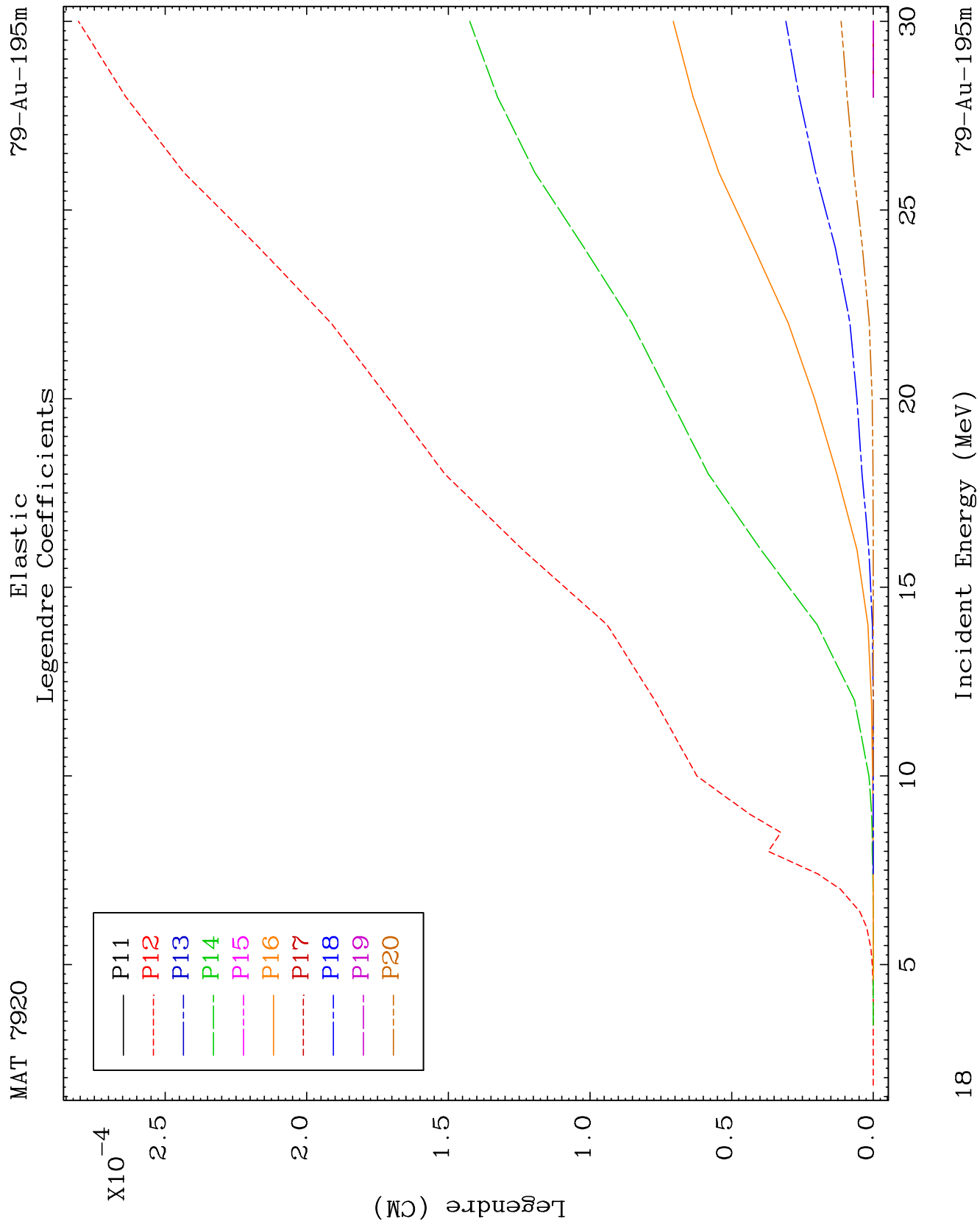
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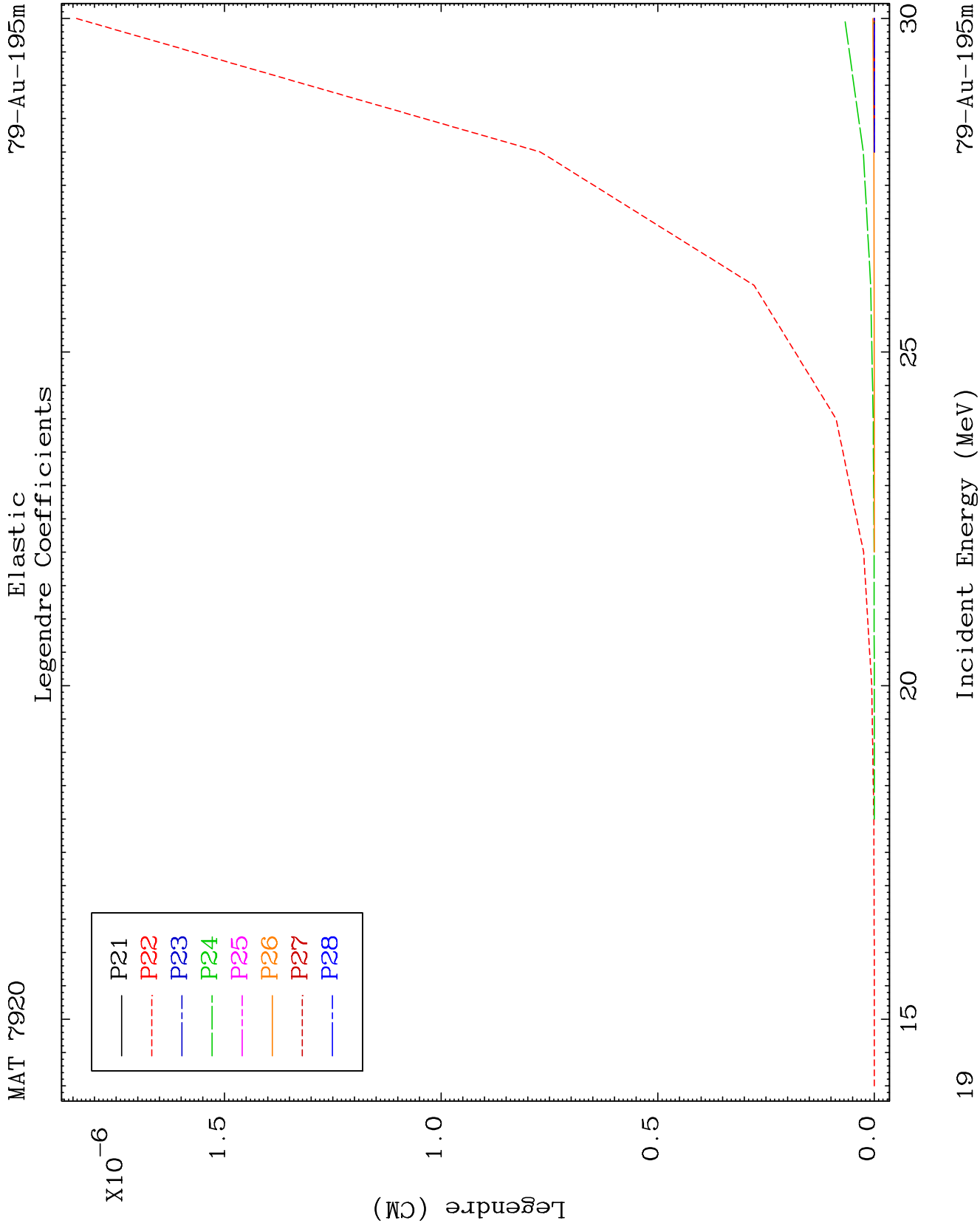
Incident Energy (MeV)

79-Au-195m

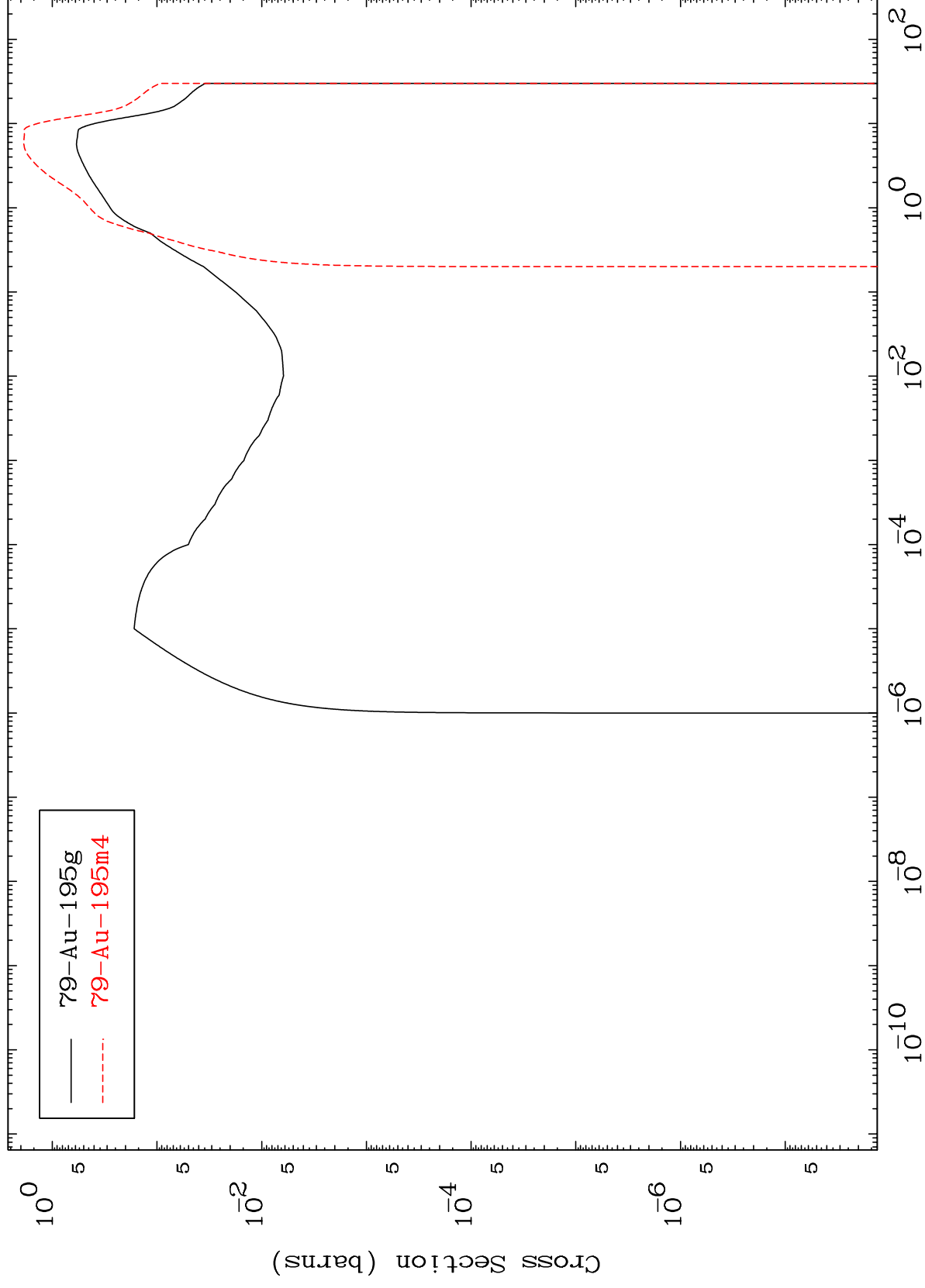


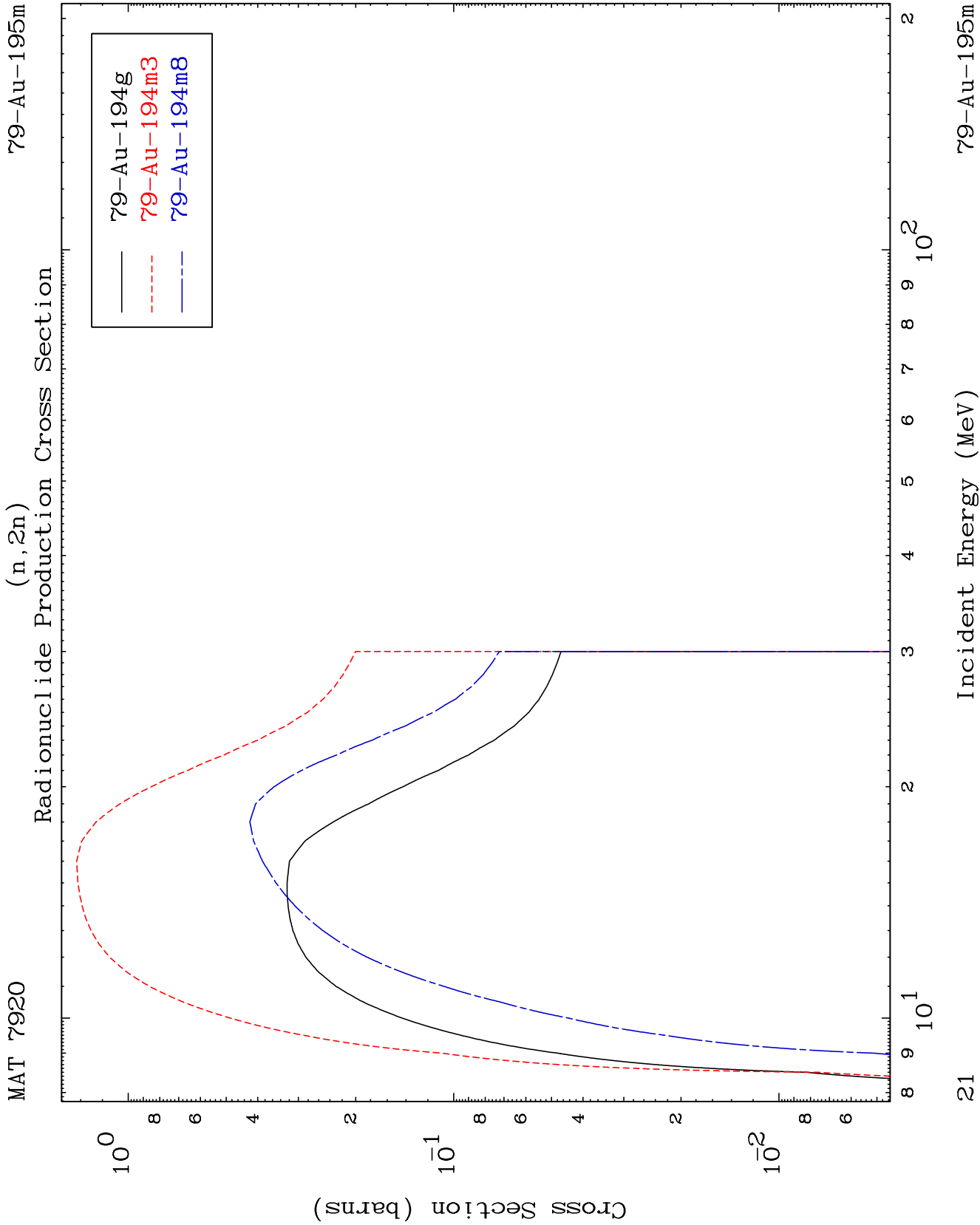






Inelastic Radionuclide Production Cross Section

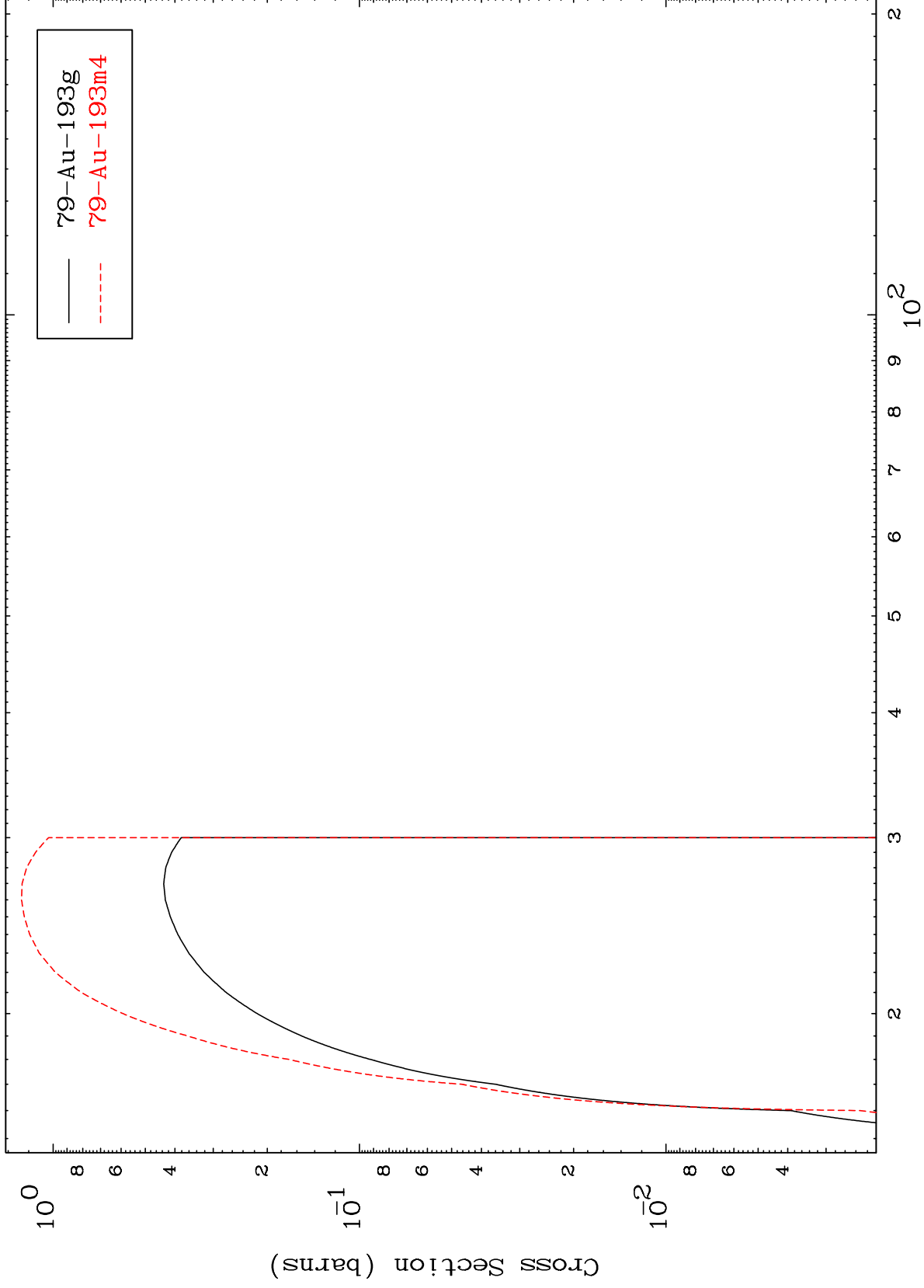




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⁷⁹Au-195m

(n,3n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

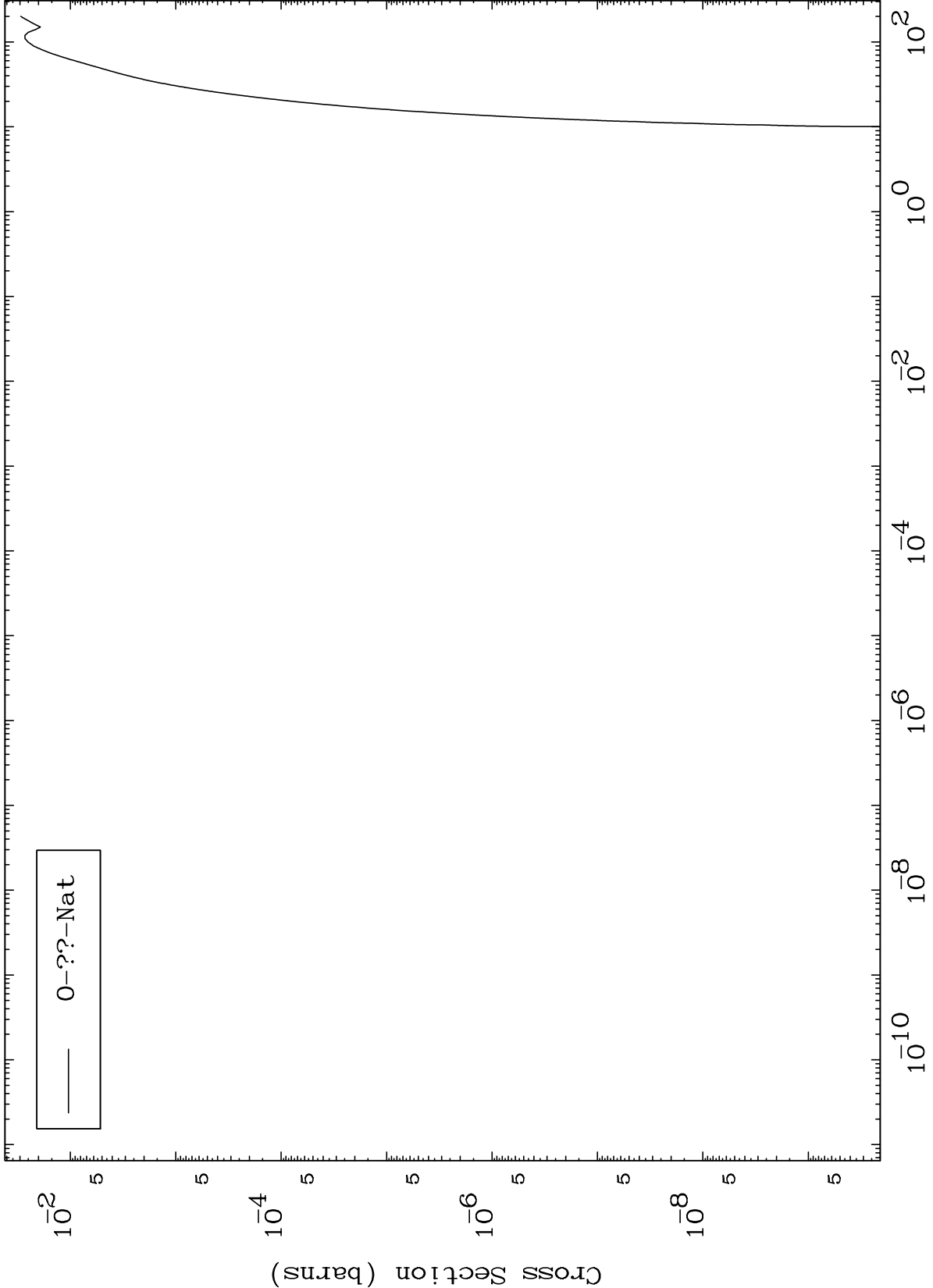
⁷⁹Au-195m

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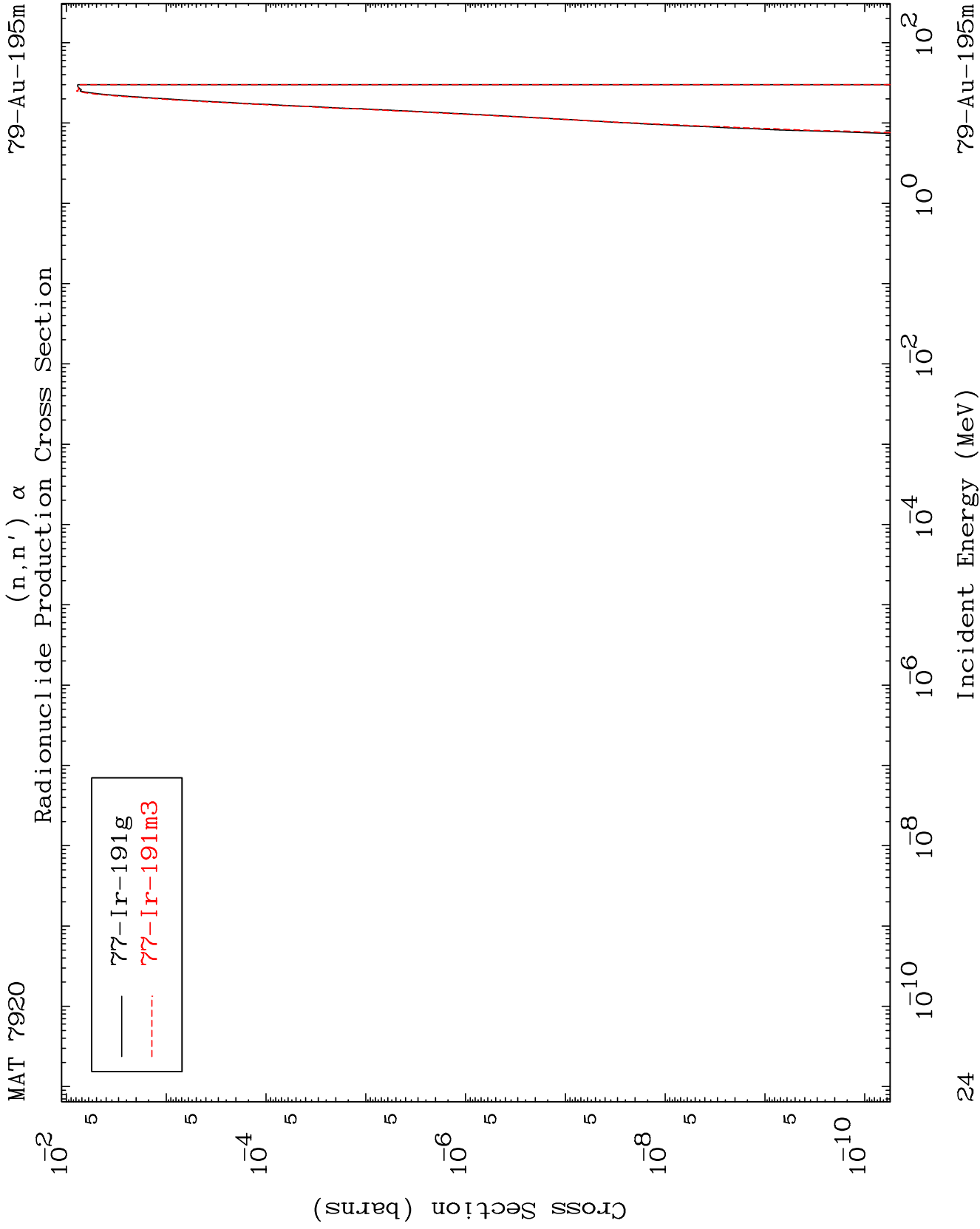
Fission

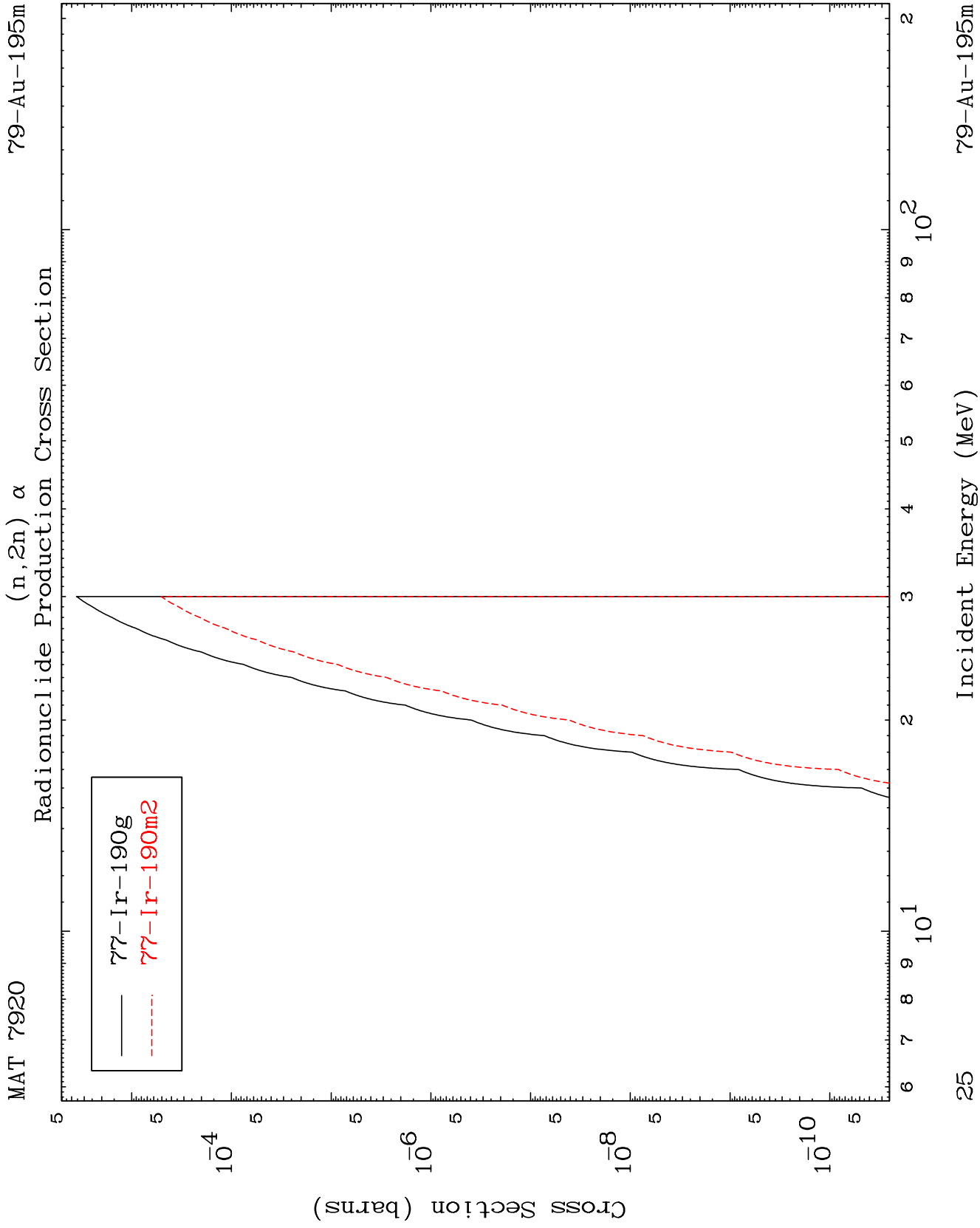
⁷⁹Au-195m

Radionuclide Production Cross Section

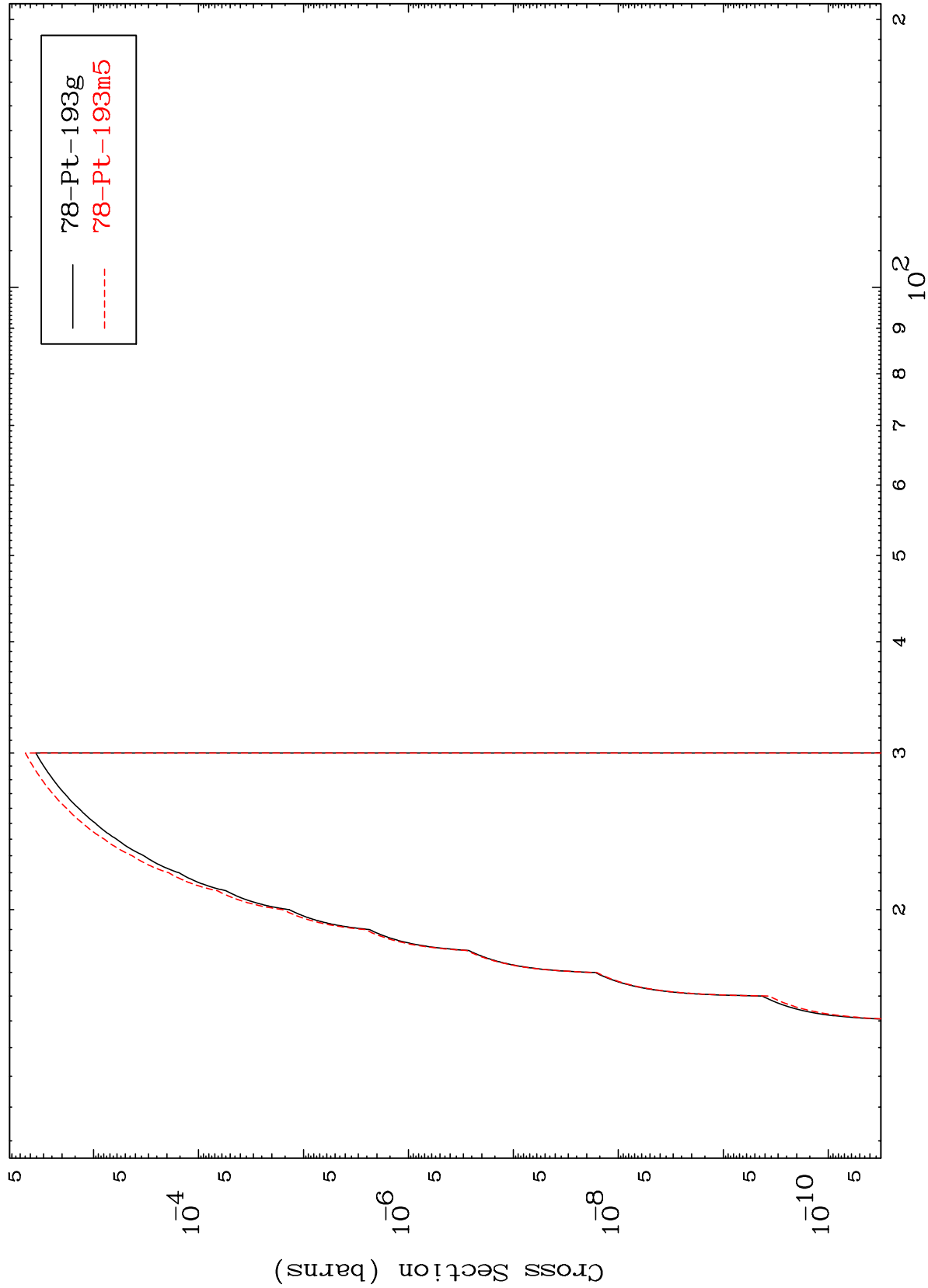


0-??-Nat

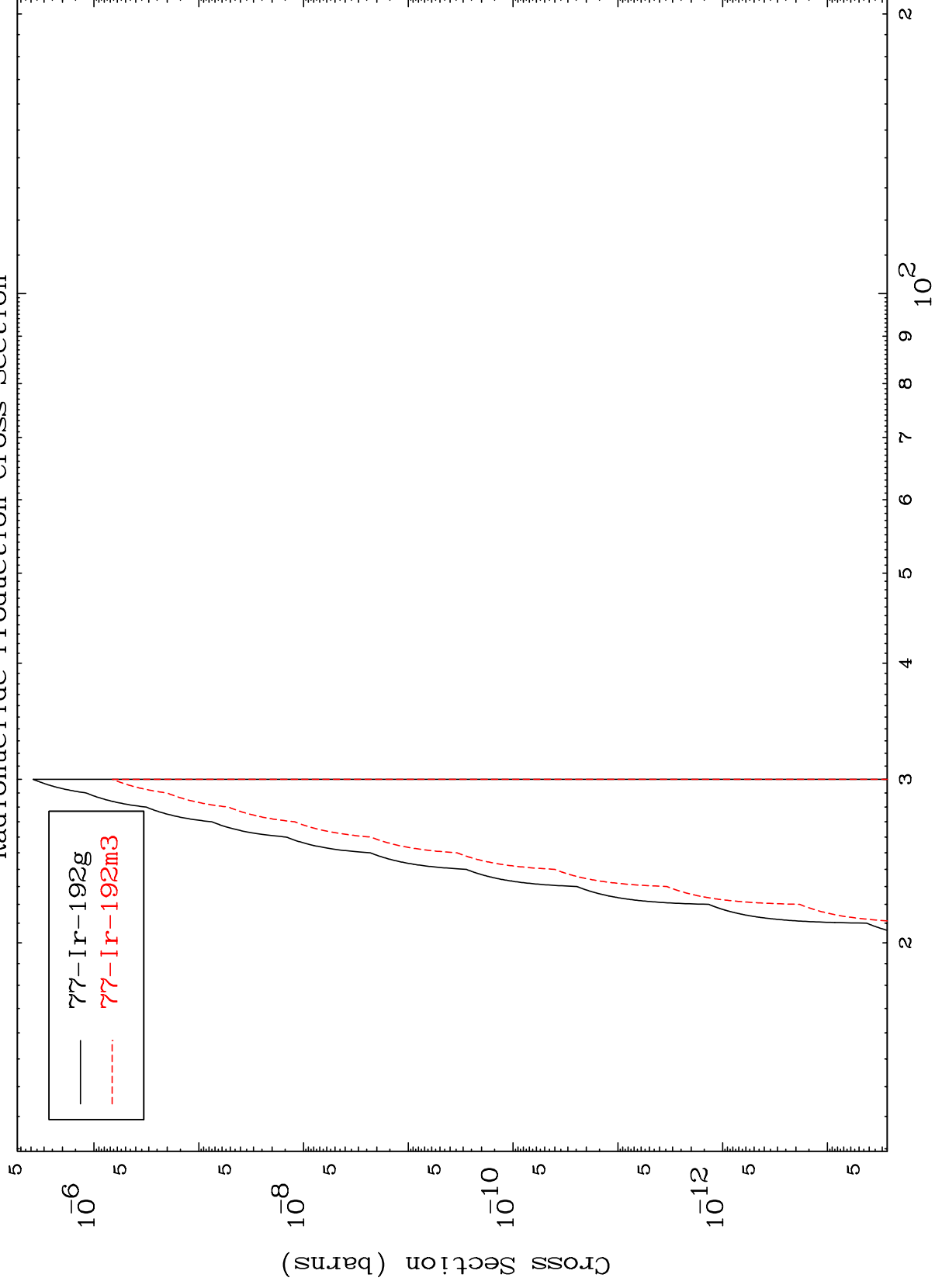


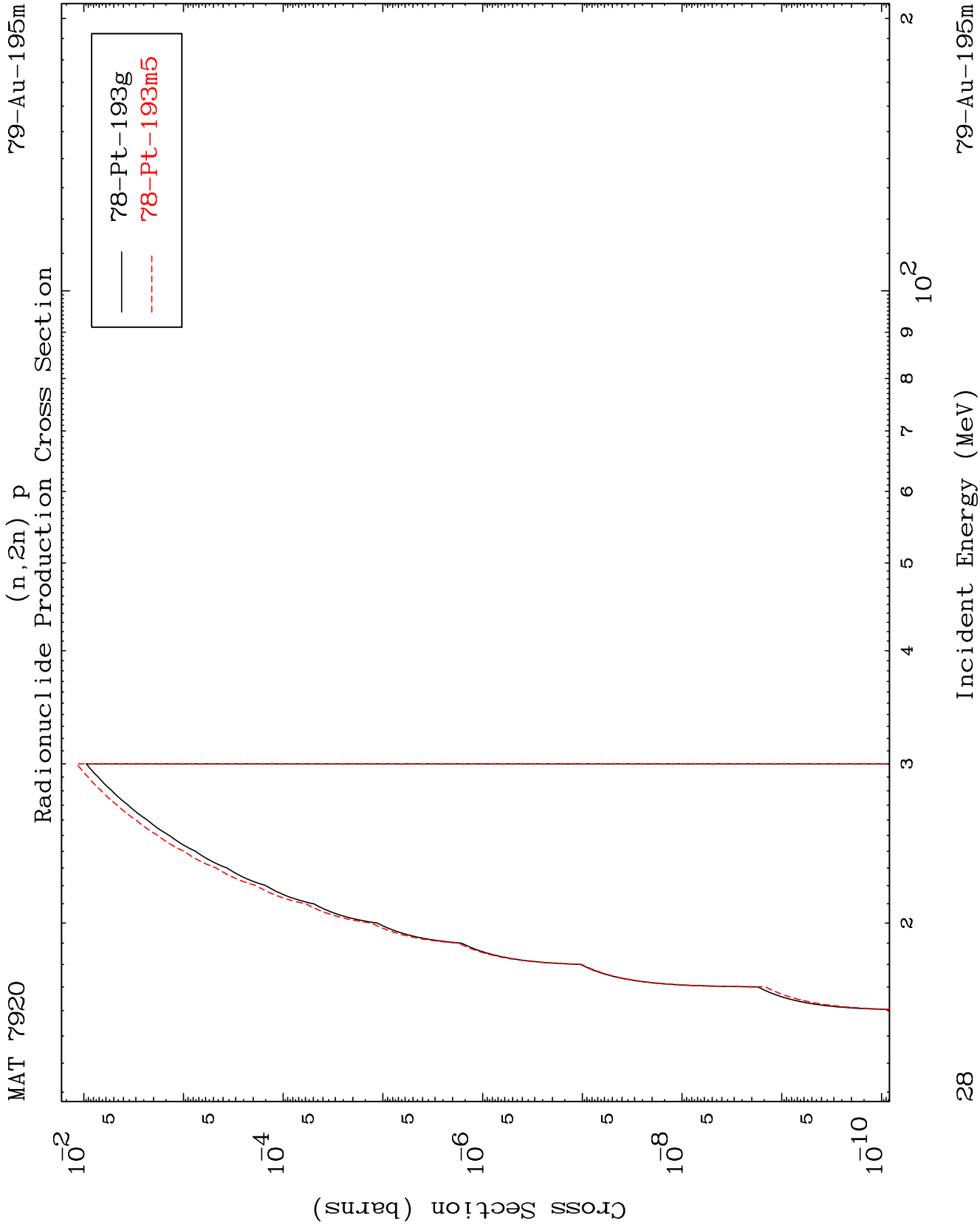


(n,n') d
Radionuclide Production Cross Section

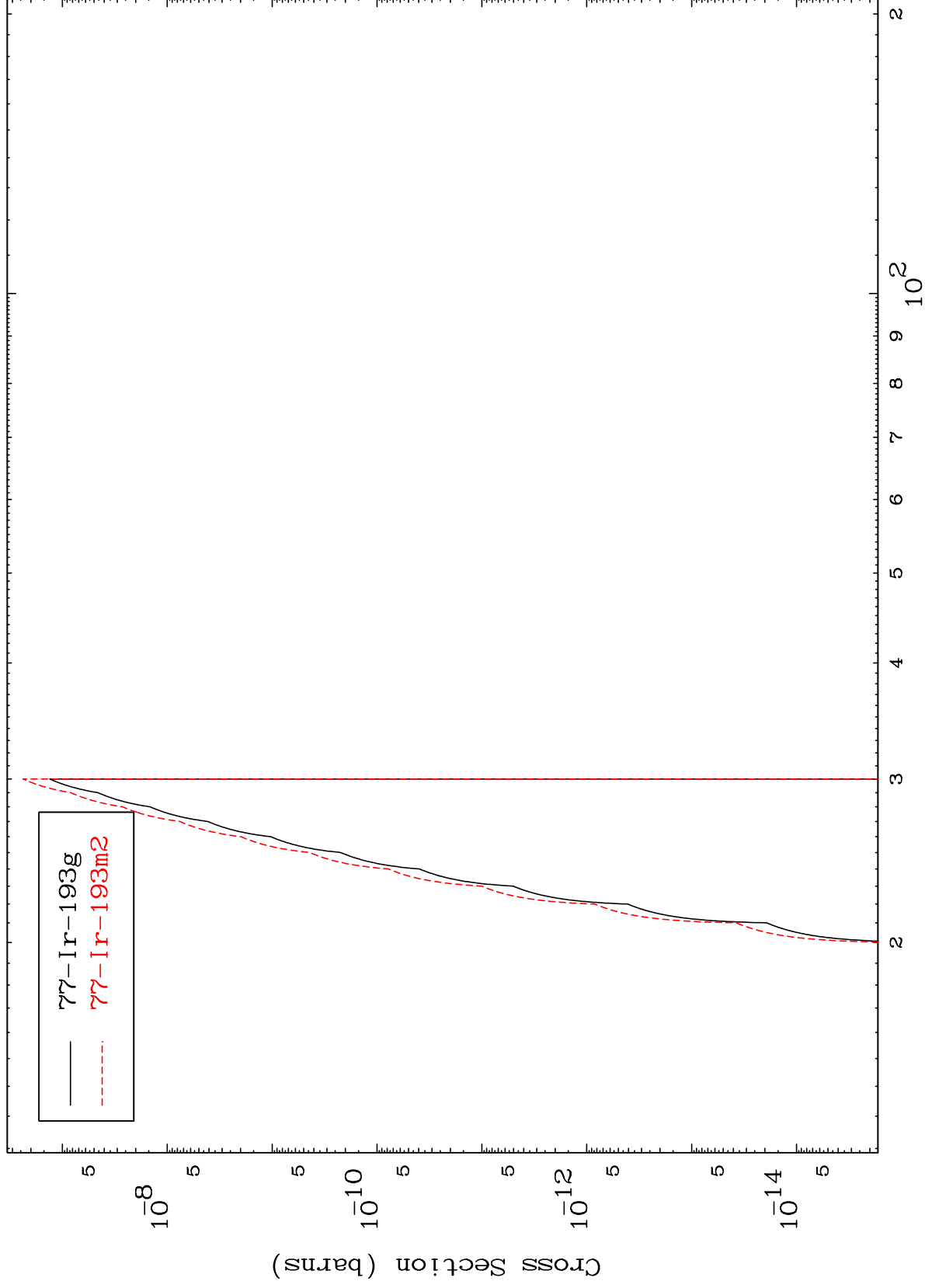


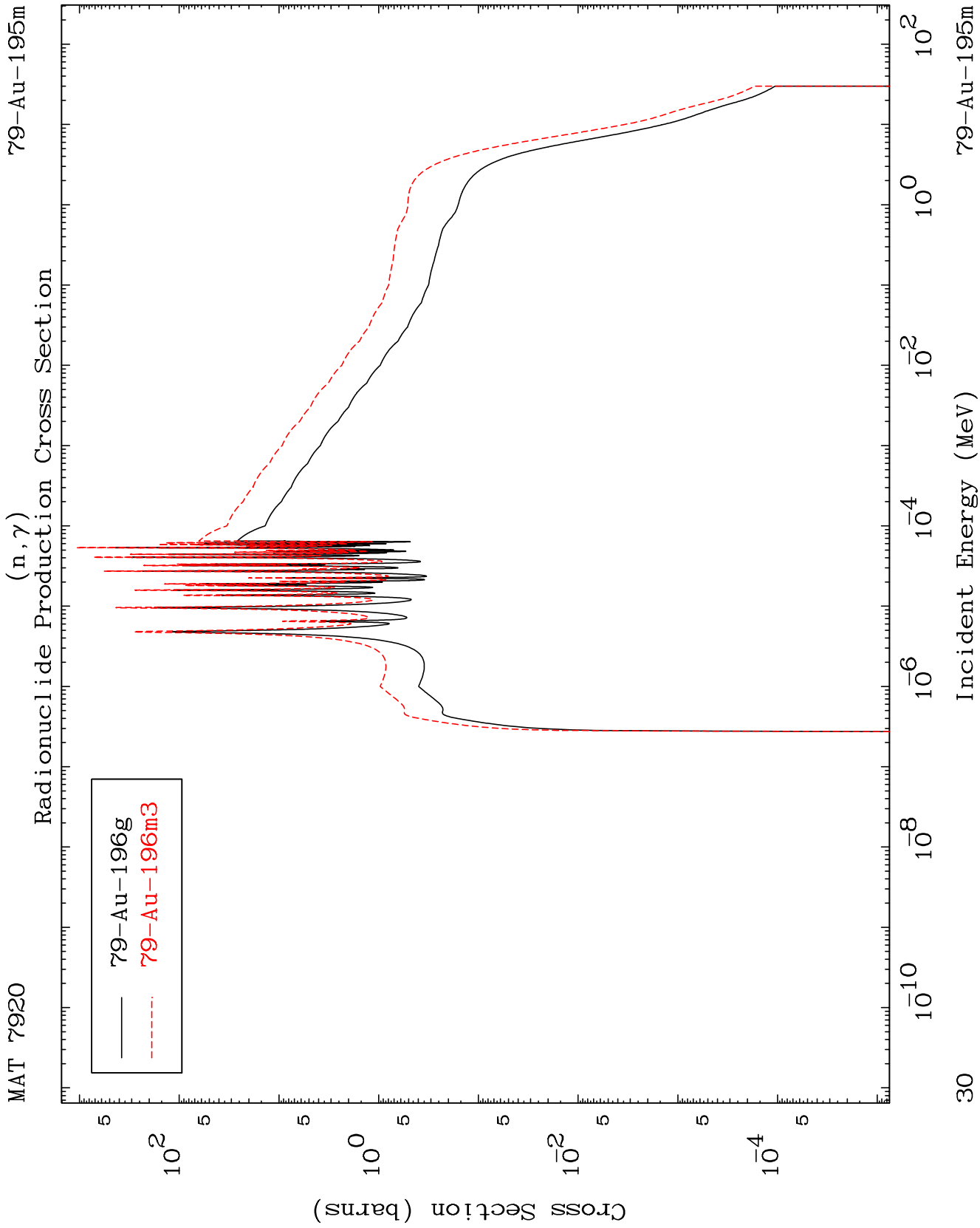
Radionuclide Production Cross Section





(n,2n) p
Radionuclide Production Cross Section

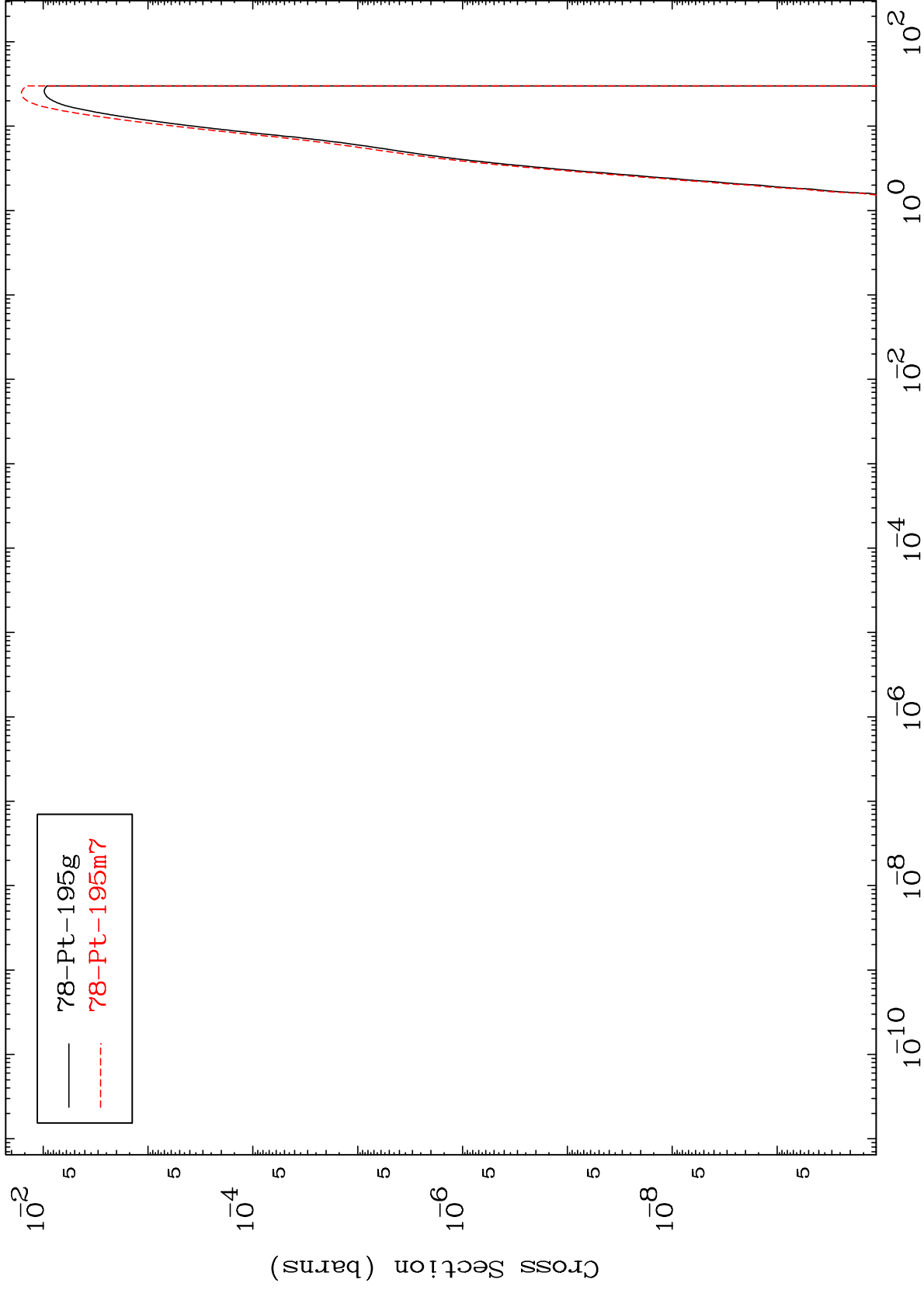




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⁷⁹Au-195m

Radionuclide Production Cross Section



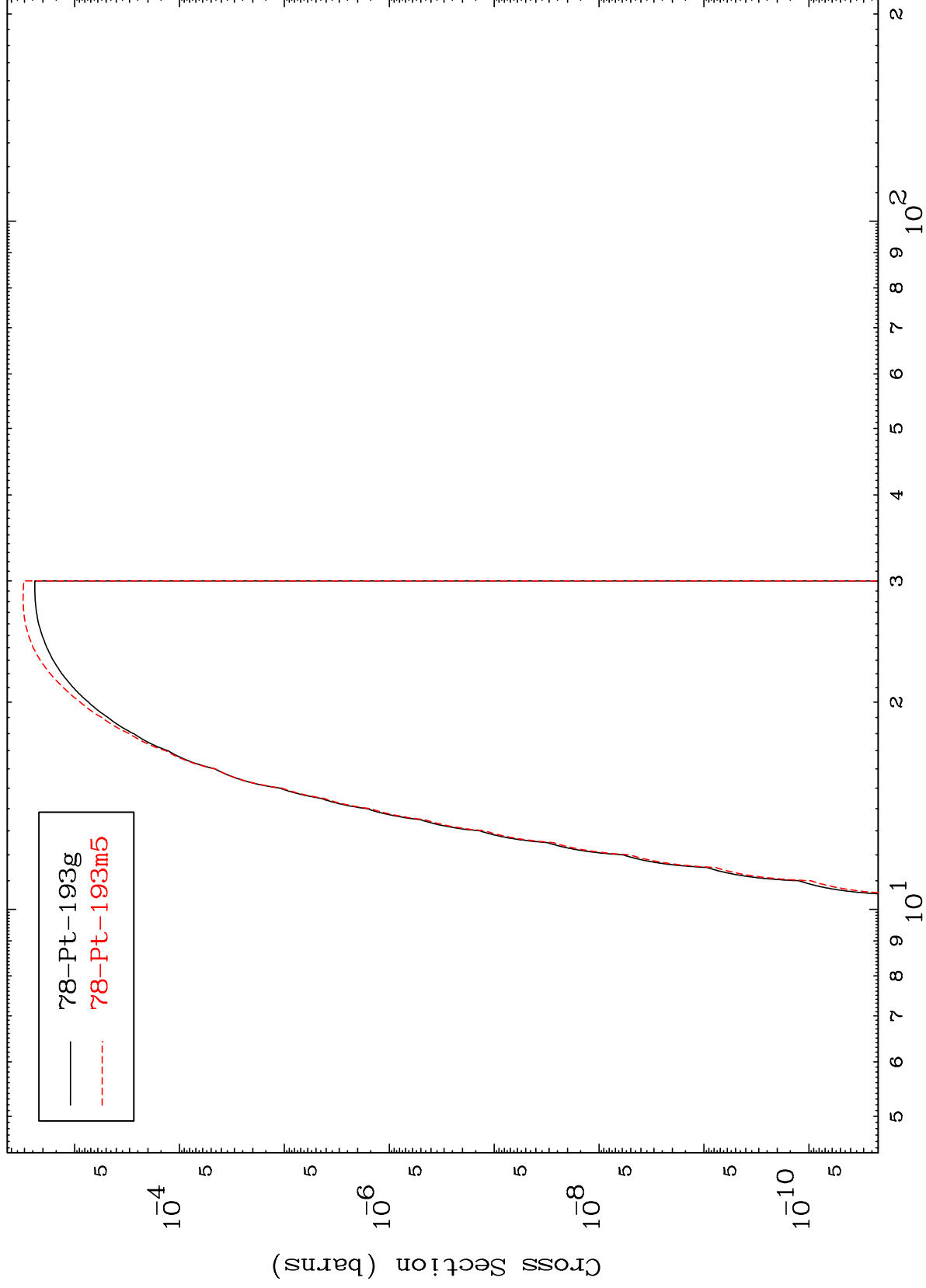
31

⁷⁹Au-195m

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⁷⁹Au-195m

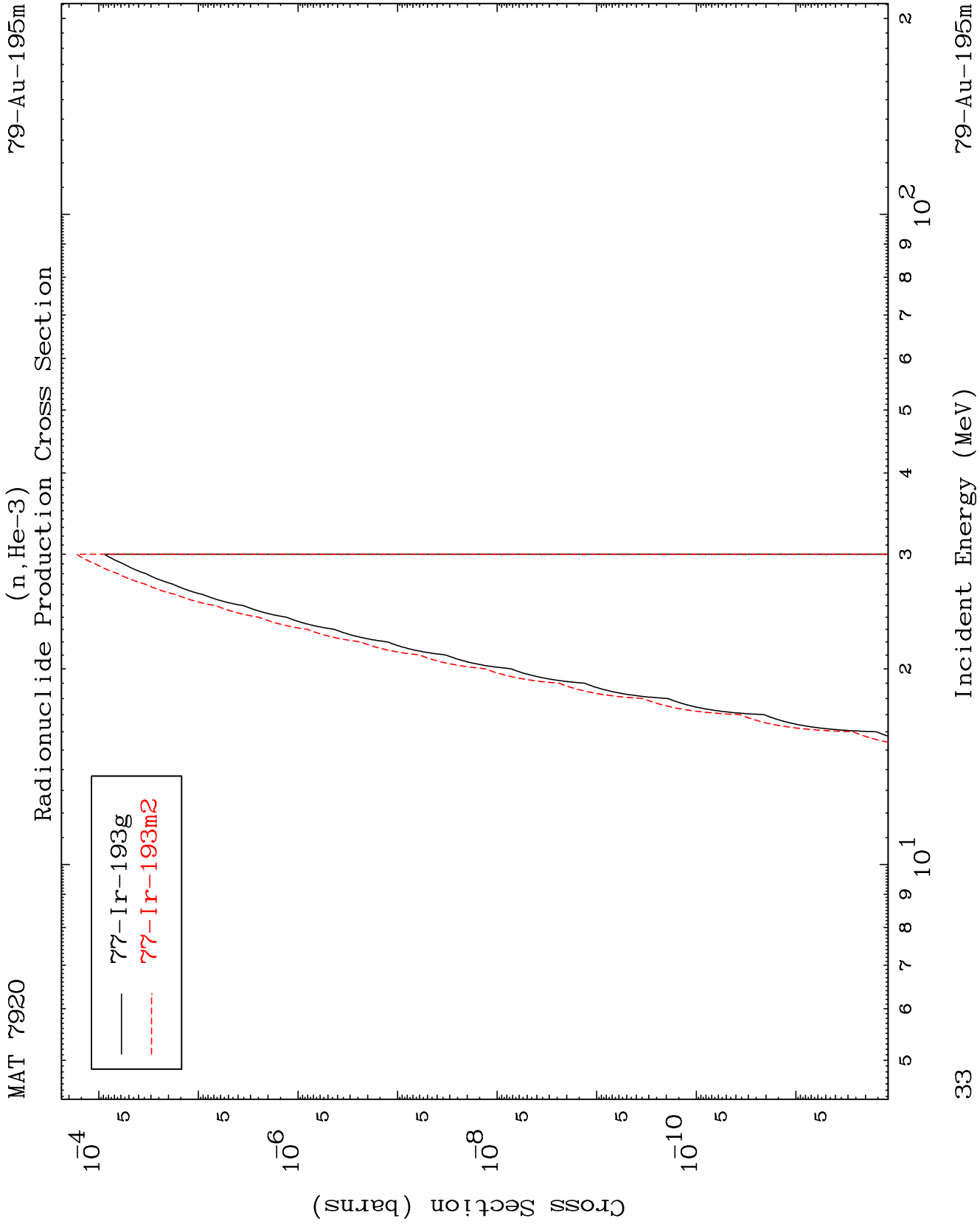
Radionuclide Production Cross Section

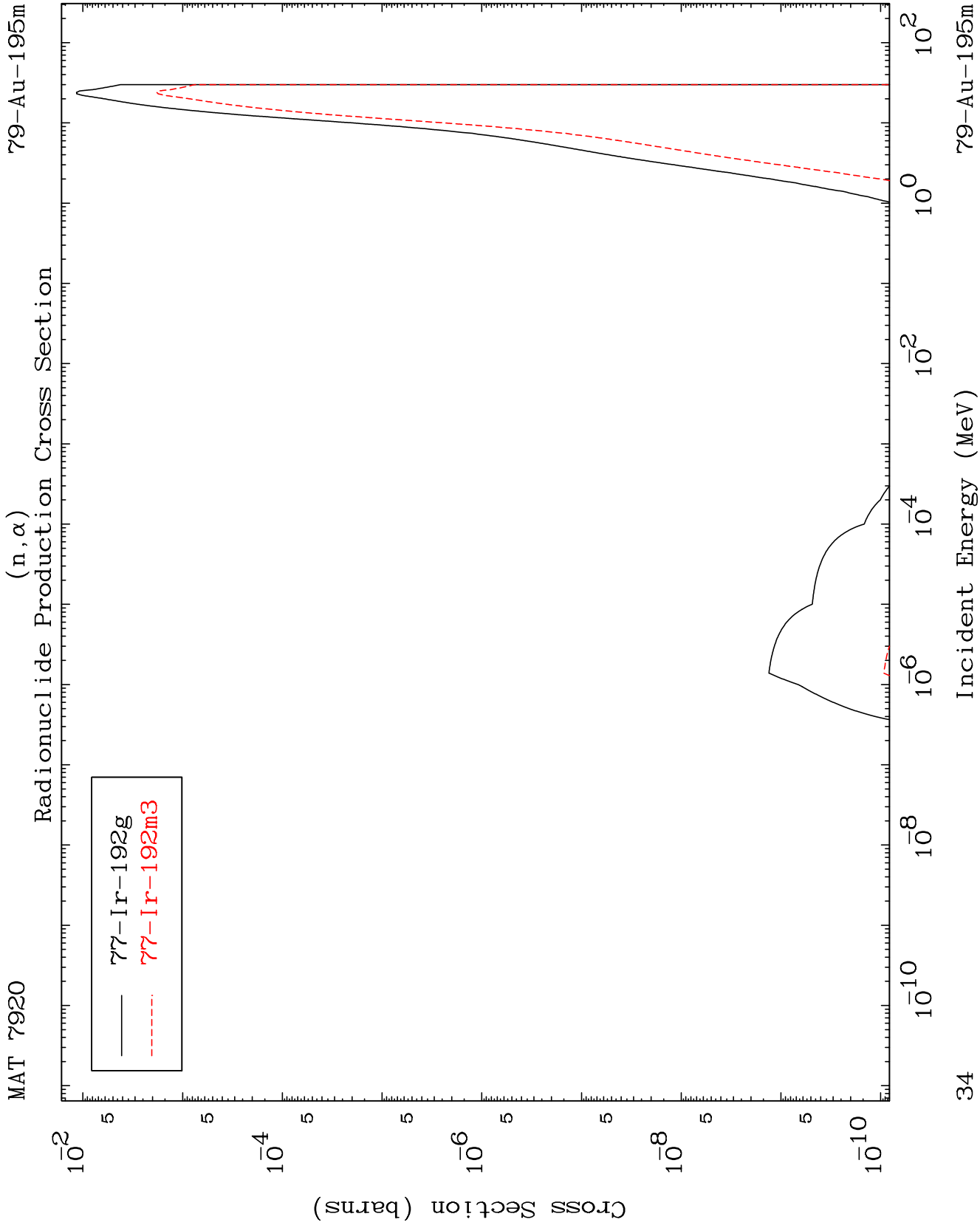


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Incident Energy (MeV)

⁷⁹Au-195m

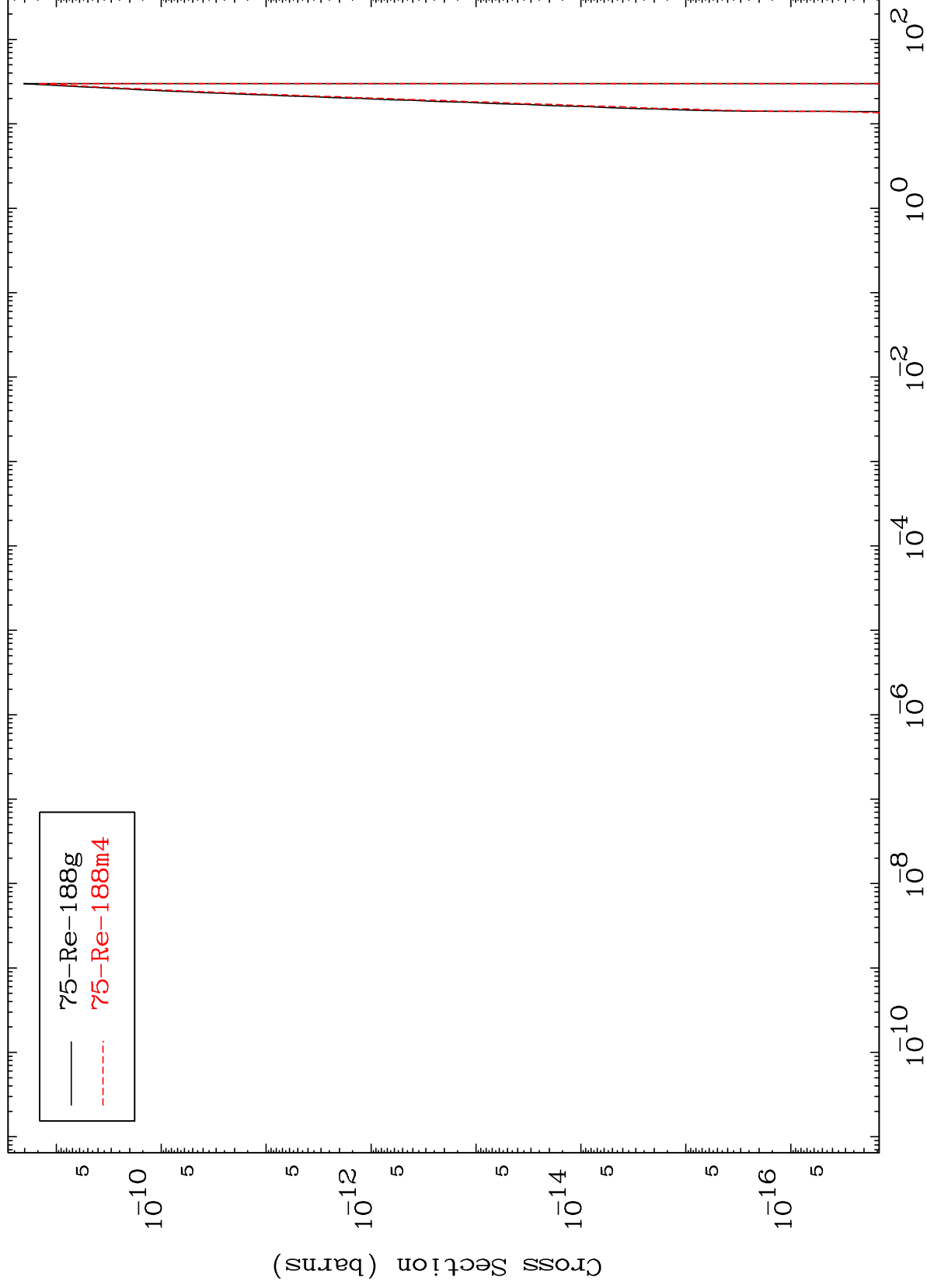




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⁷⁹Au-195m

(n,2α)
Radionuclide Production Cross Section



35

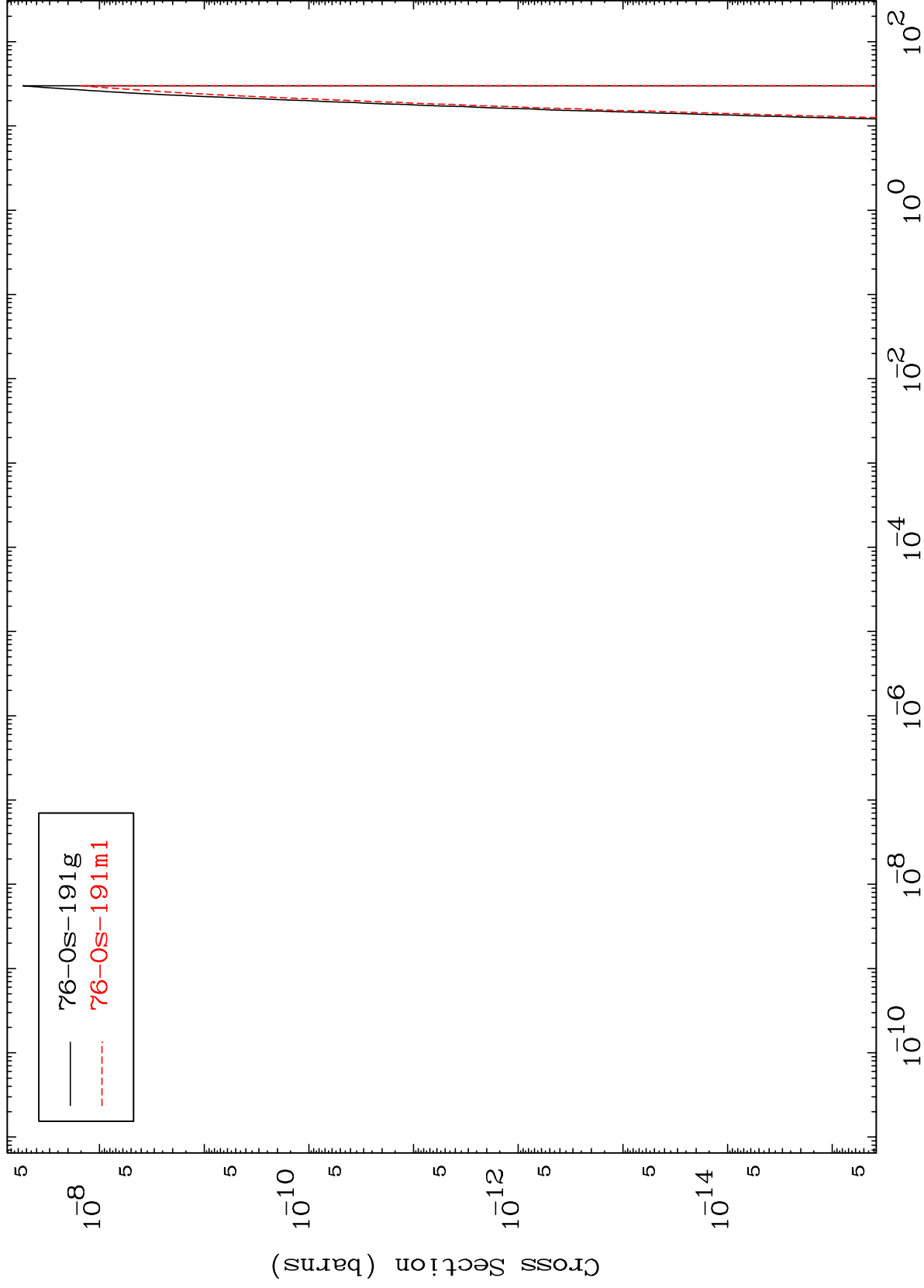
⁷⁹Au-195m

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(n,p) α

$^{79}\text{Au-195m}$

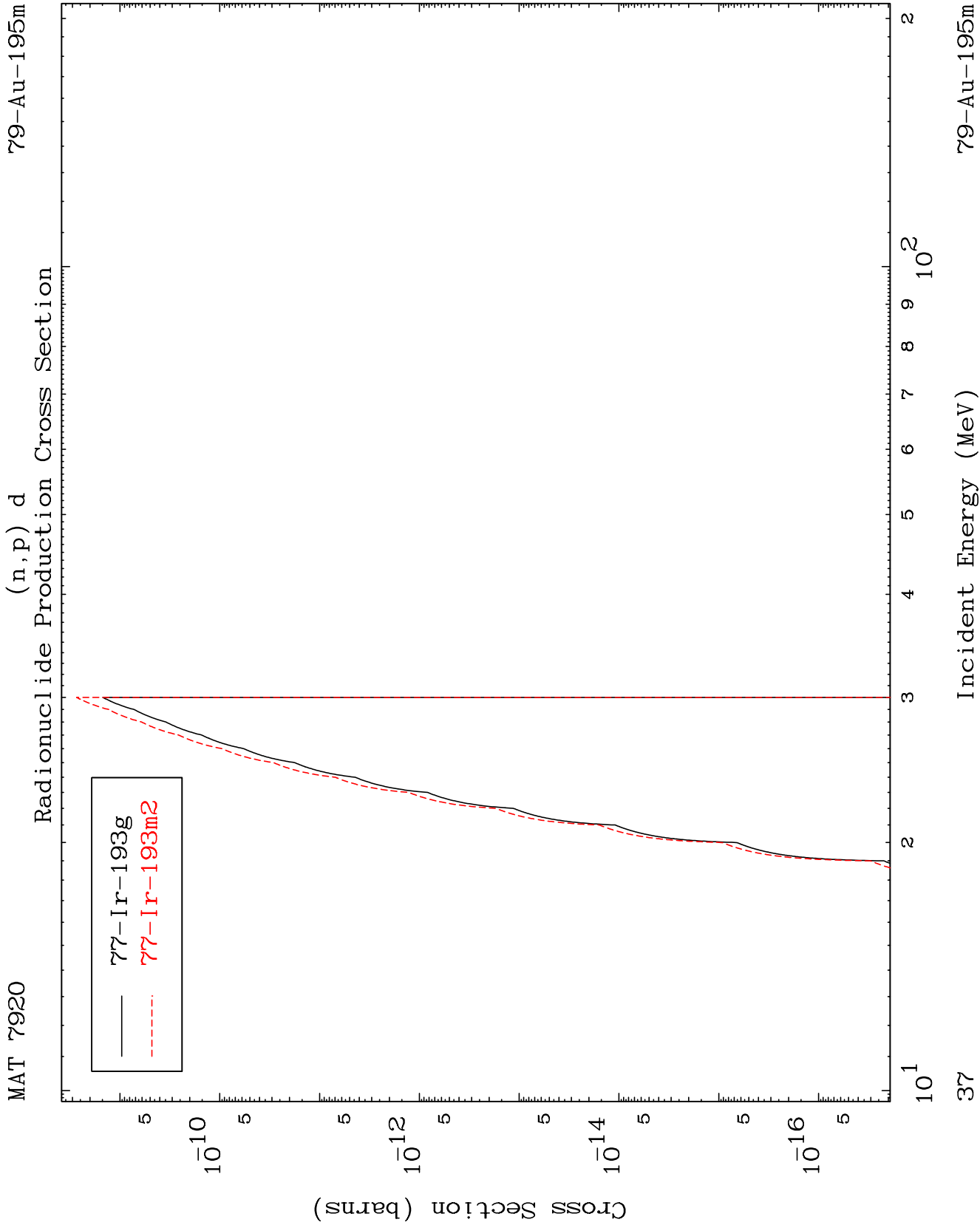
Radionuclide Production Cross Section



36

Incident Energy (MeV)

$^{79}\text{Au-195m}$



(n,p) t
Radionuclide Production Cross Section