

Program EVALPLOT
(Version 2021-1)

by

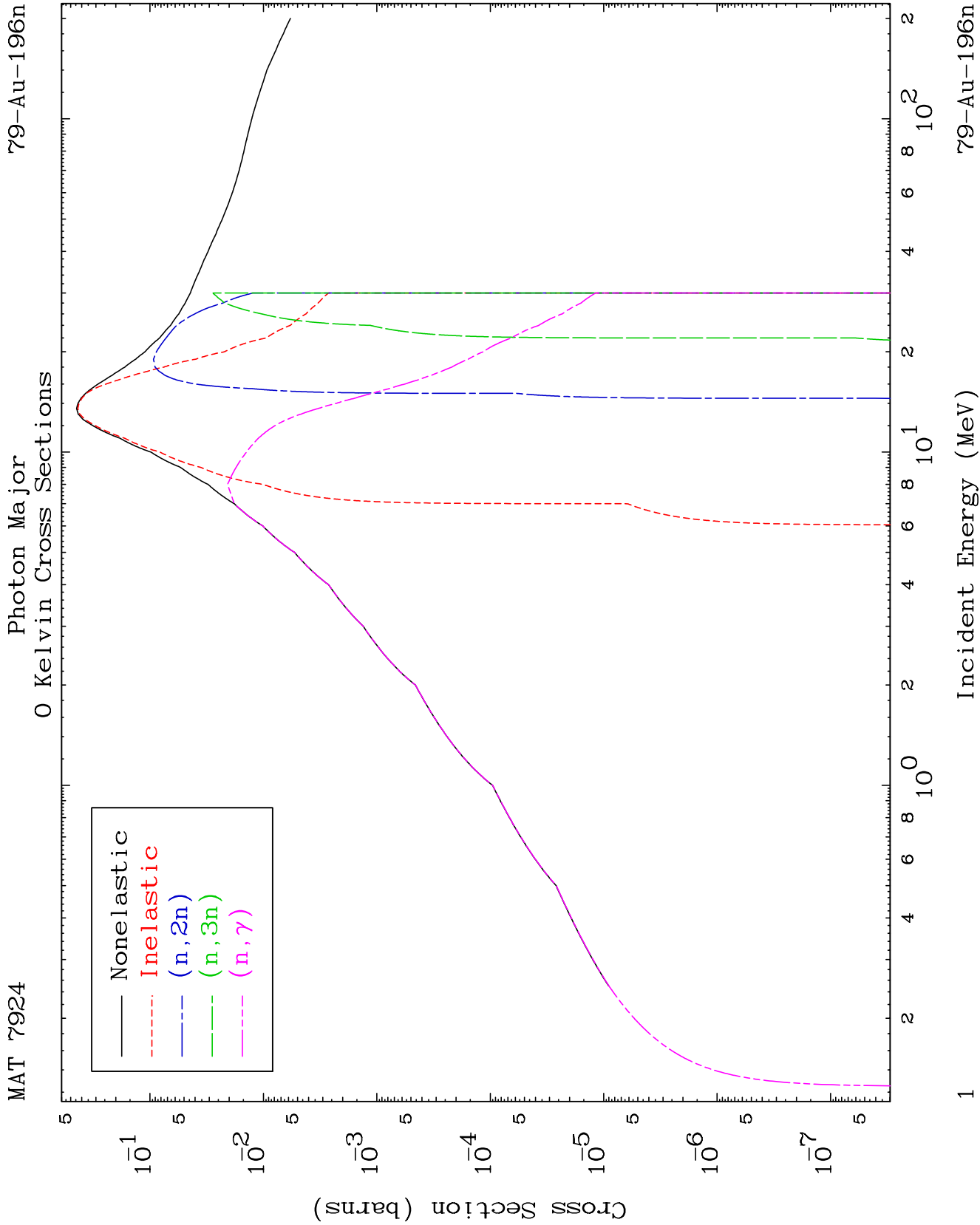
Dermott E. Cullen
(Present Contact Information)

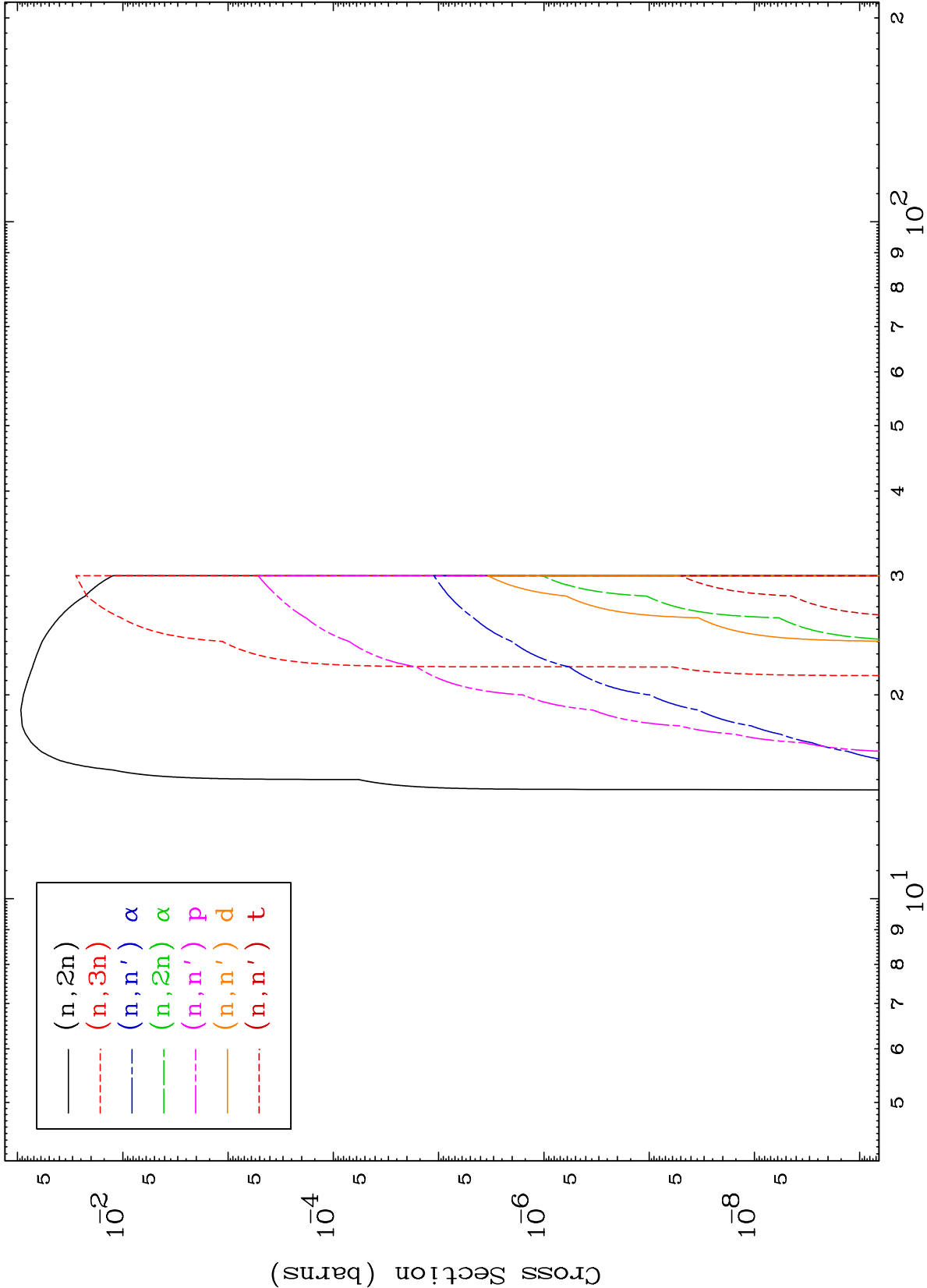
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

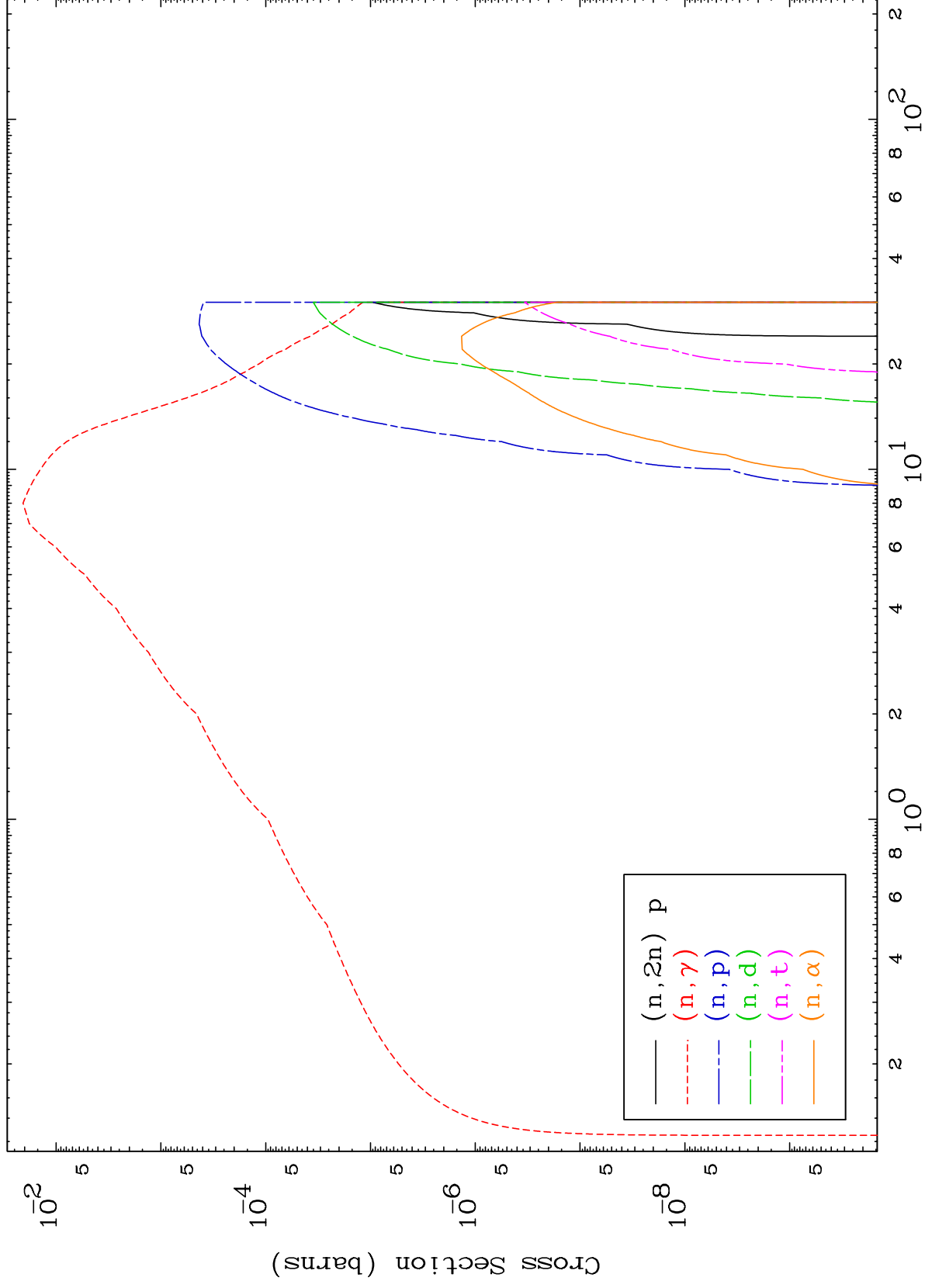
Tele: 925-443-1911

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

Press Mouse Button to Start



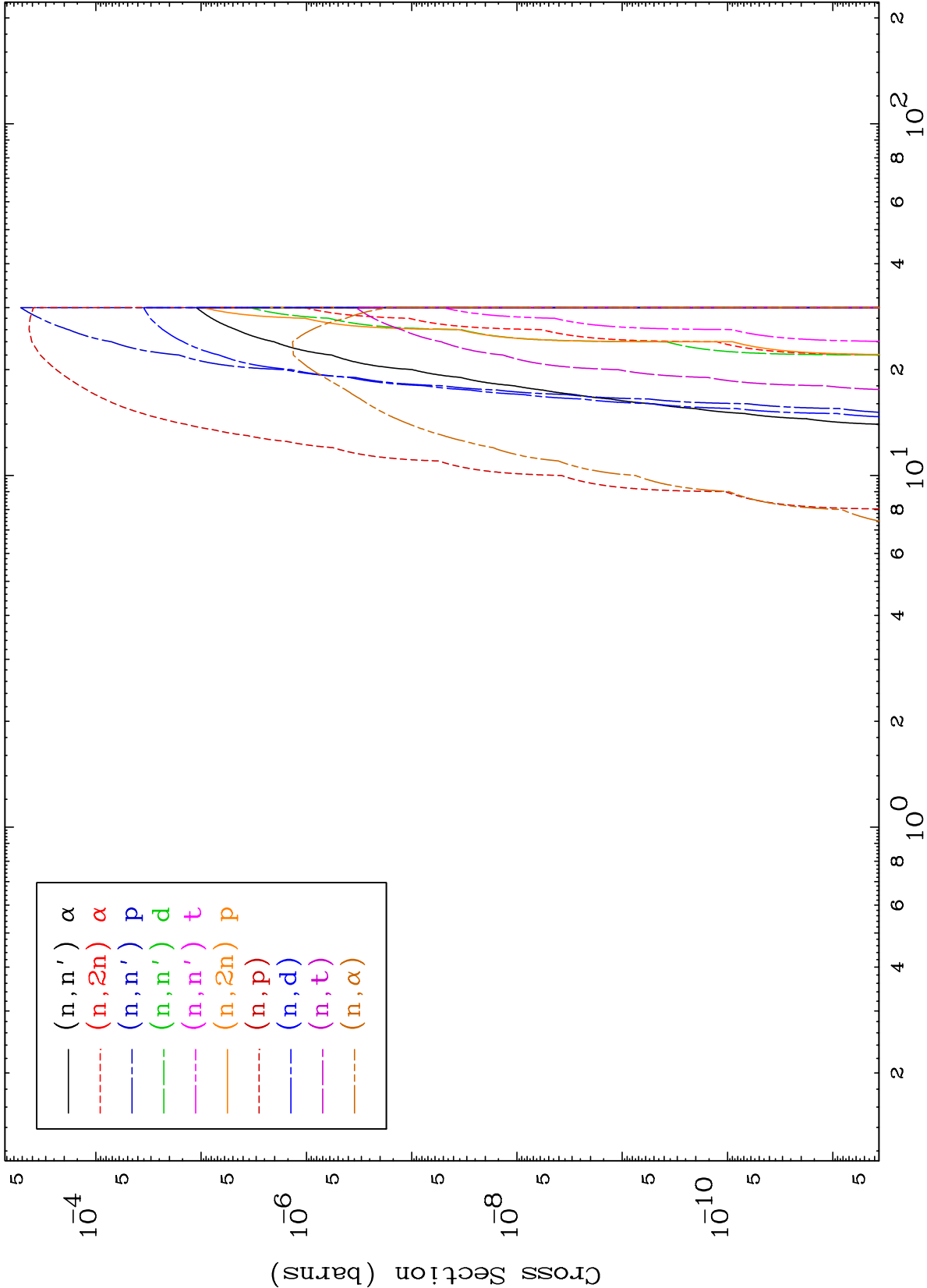


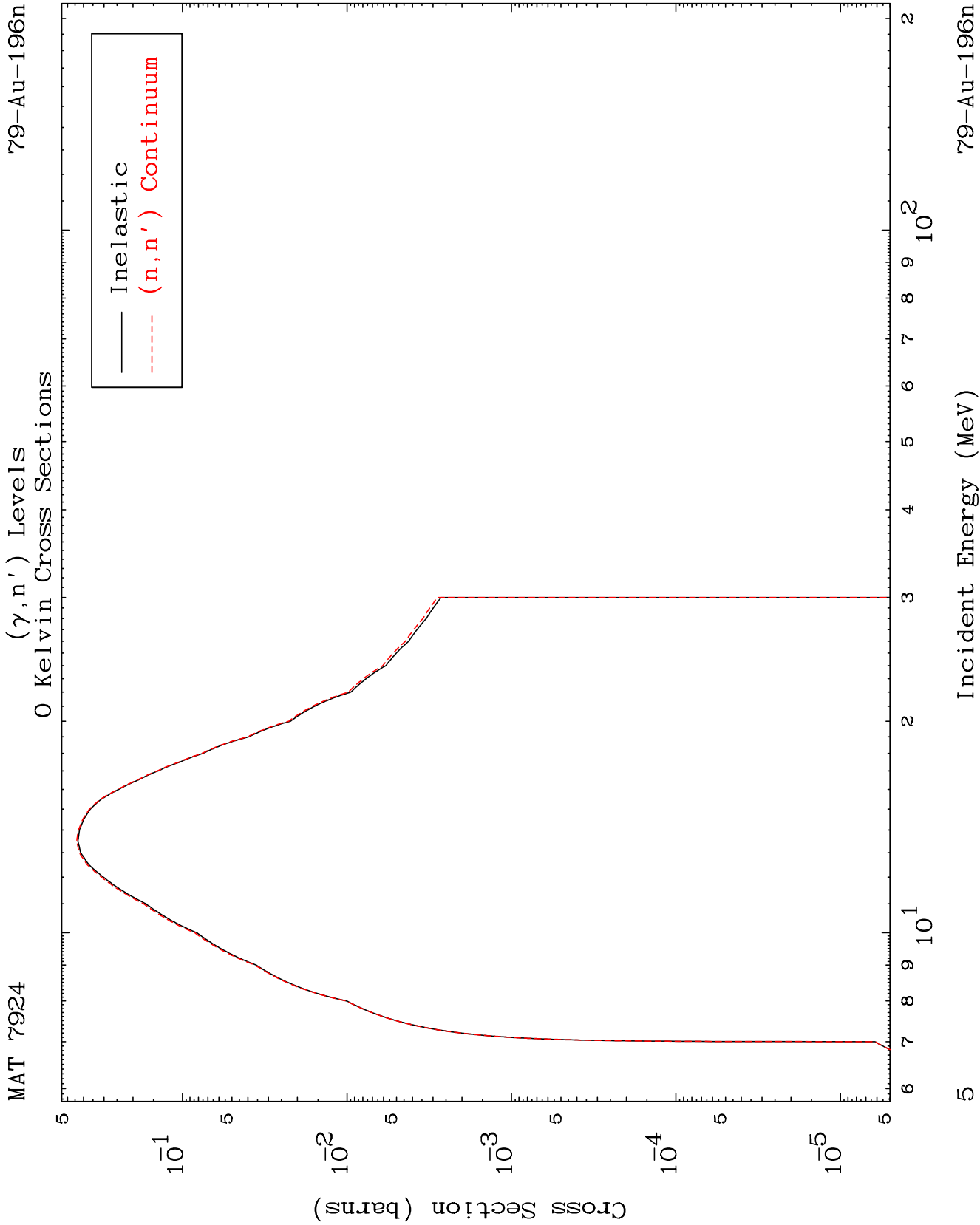


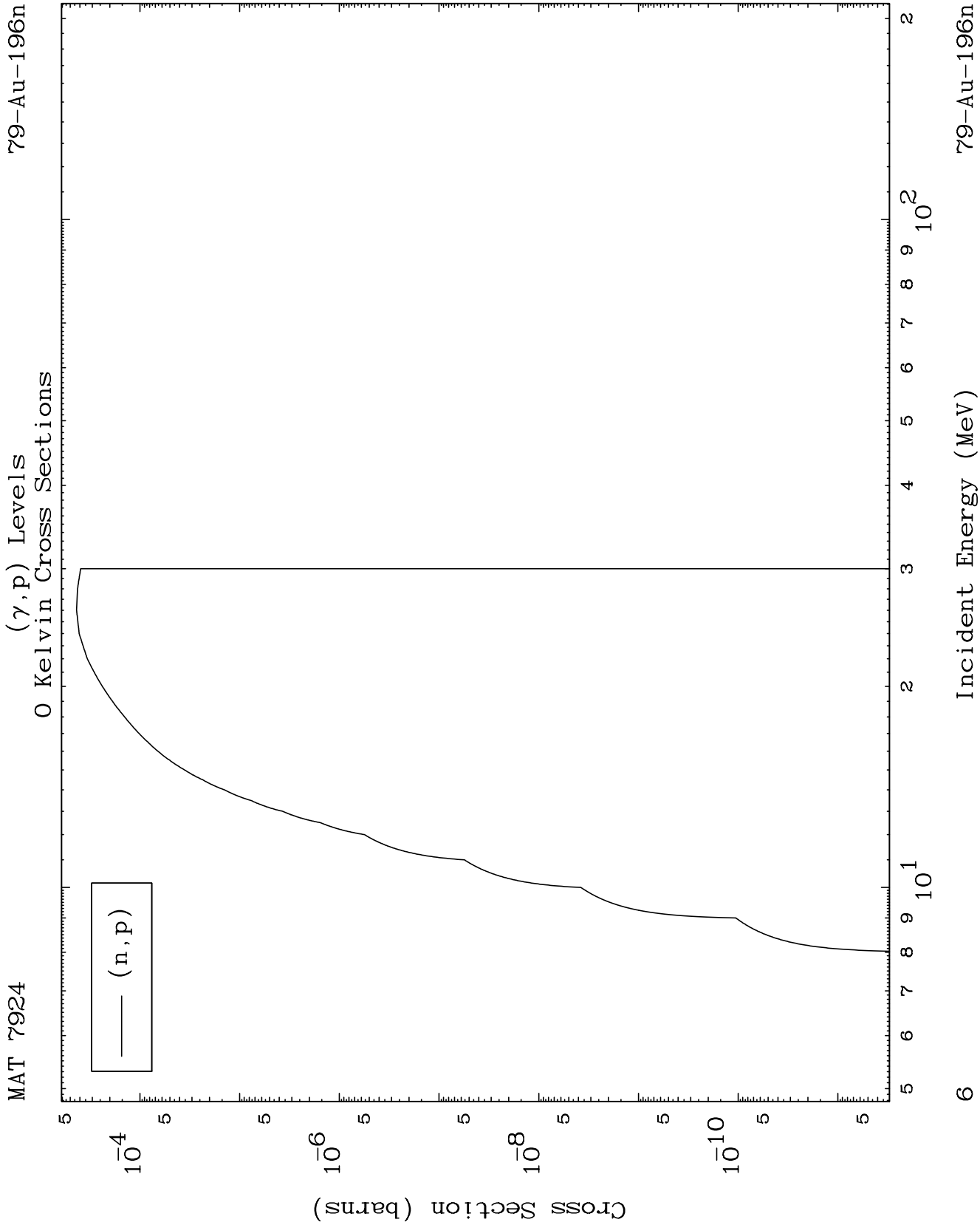
MAT 7924

Photon Charged Particle
0 Kelvin Cross Sections

⁷⁹Au-¹⁹⁶n





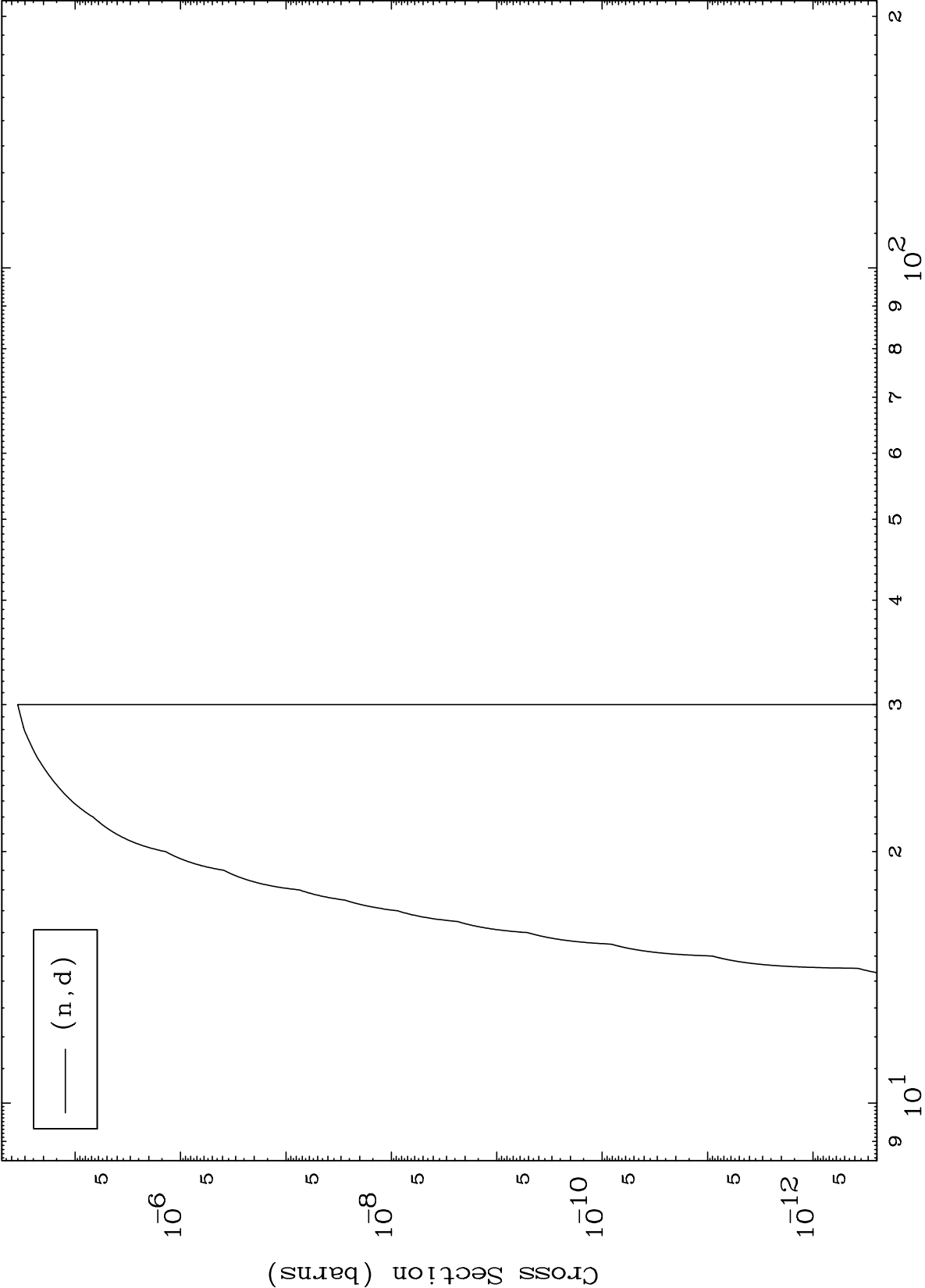


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(γ, d) Levels

$^{79}\text{Au}-196\text{n}$

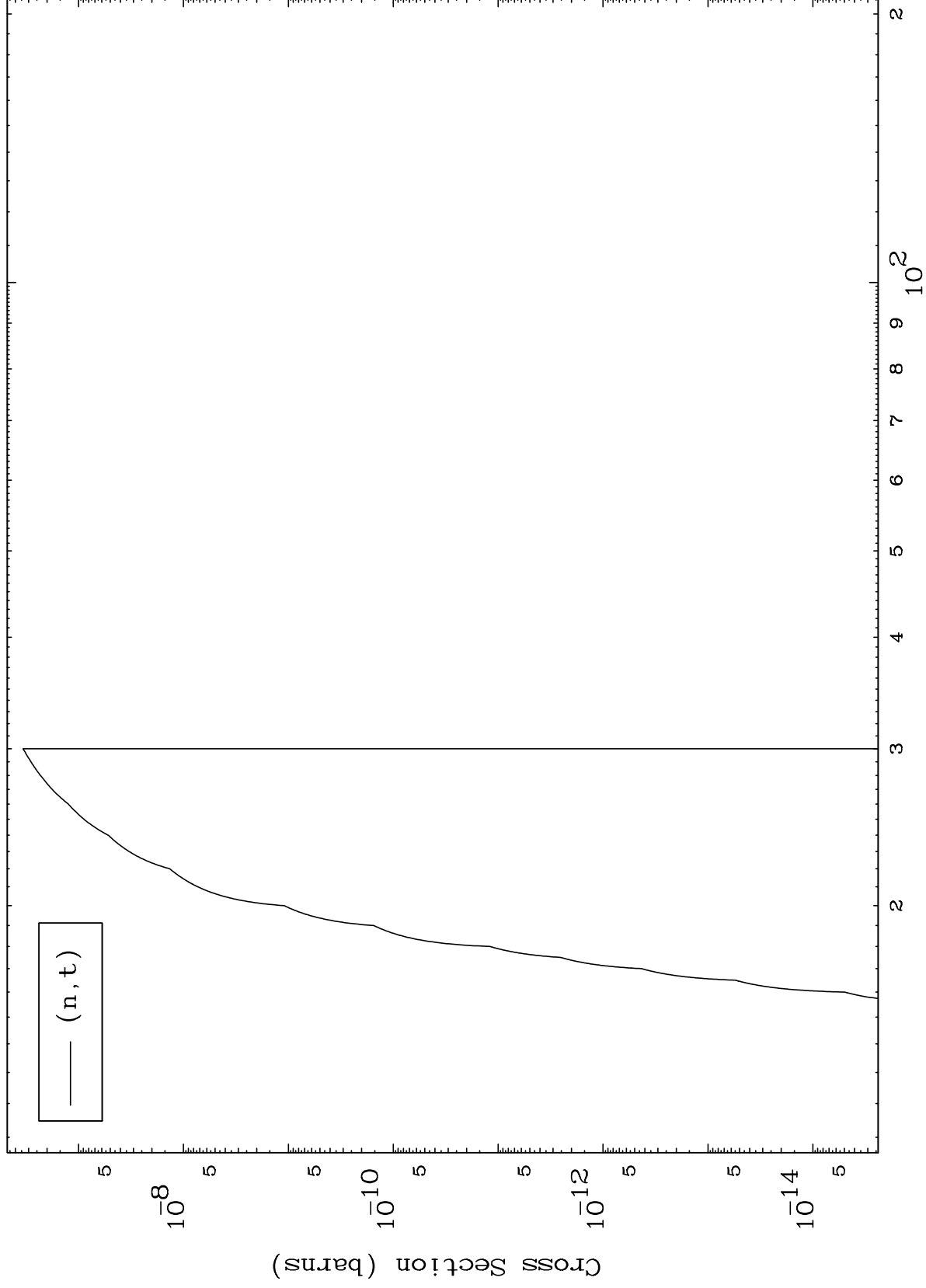
0 Kelvin Cross Sections

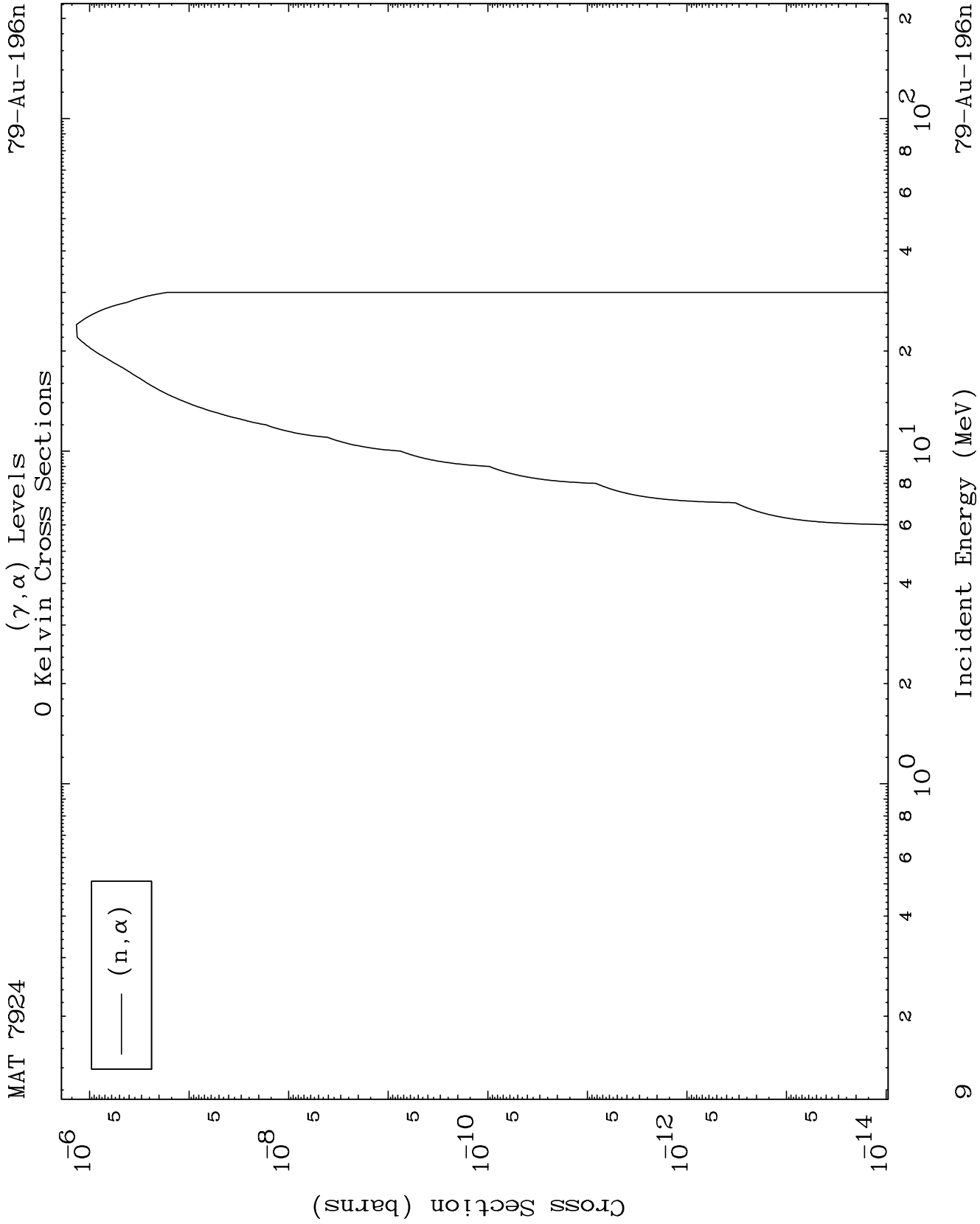


Incident Energy (MeV)

$^{79}\text{Au}-196\text{n}$

(γ, t) Levels
0 Kelvin Cross Sections

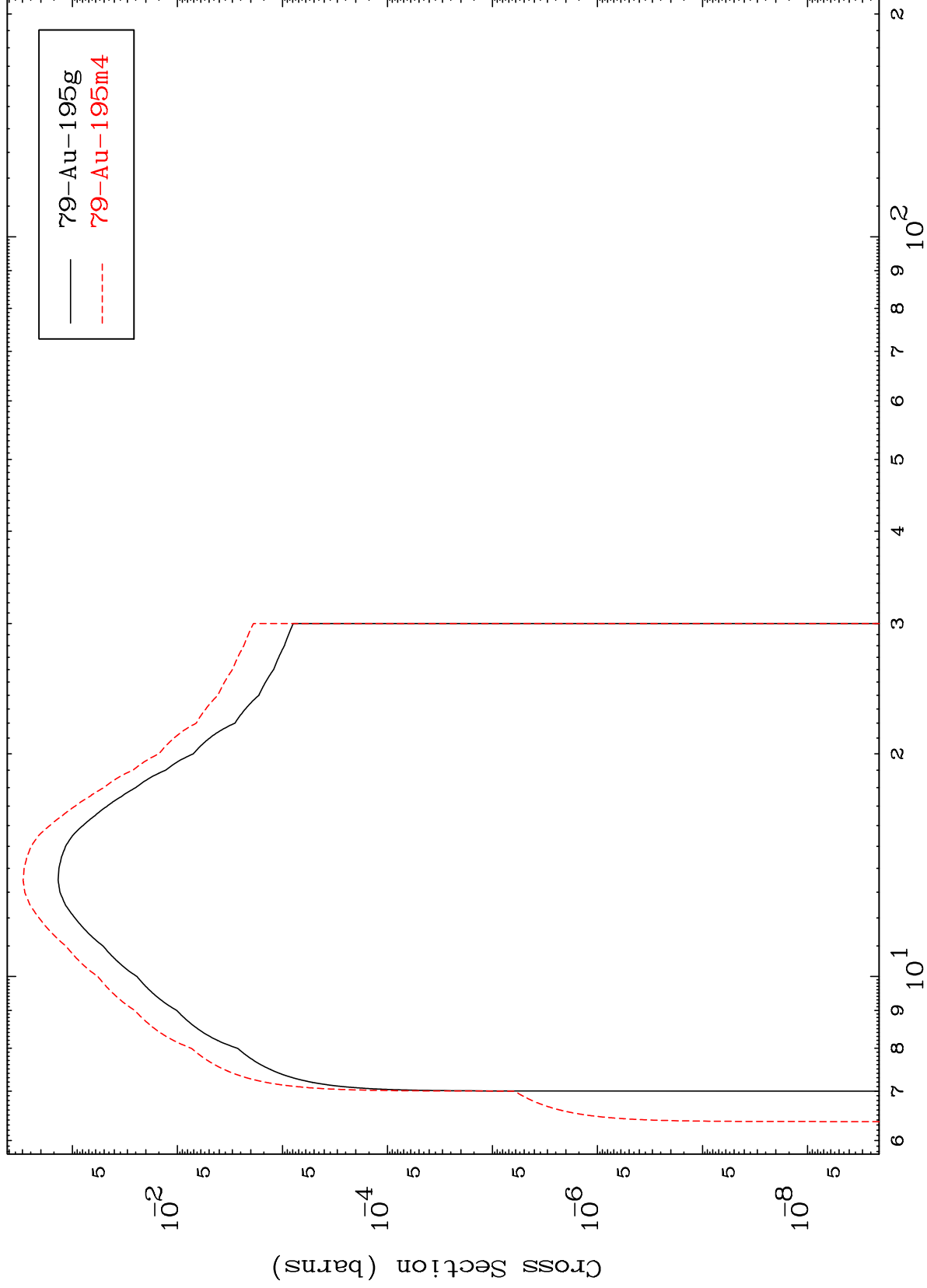




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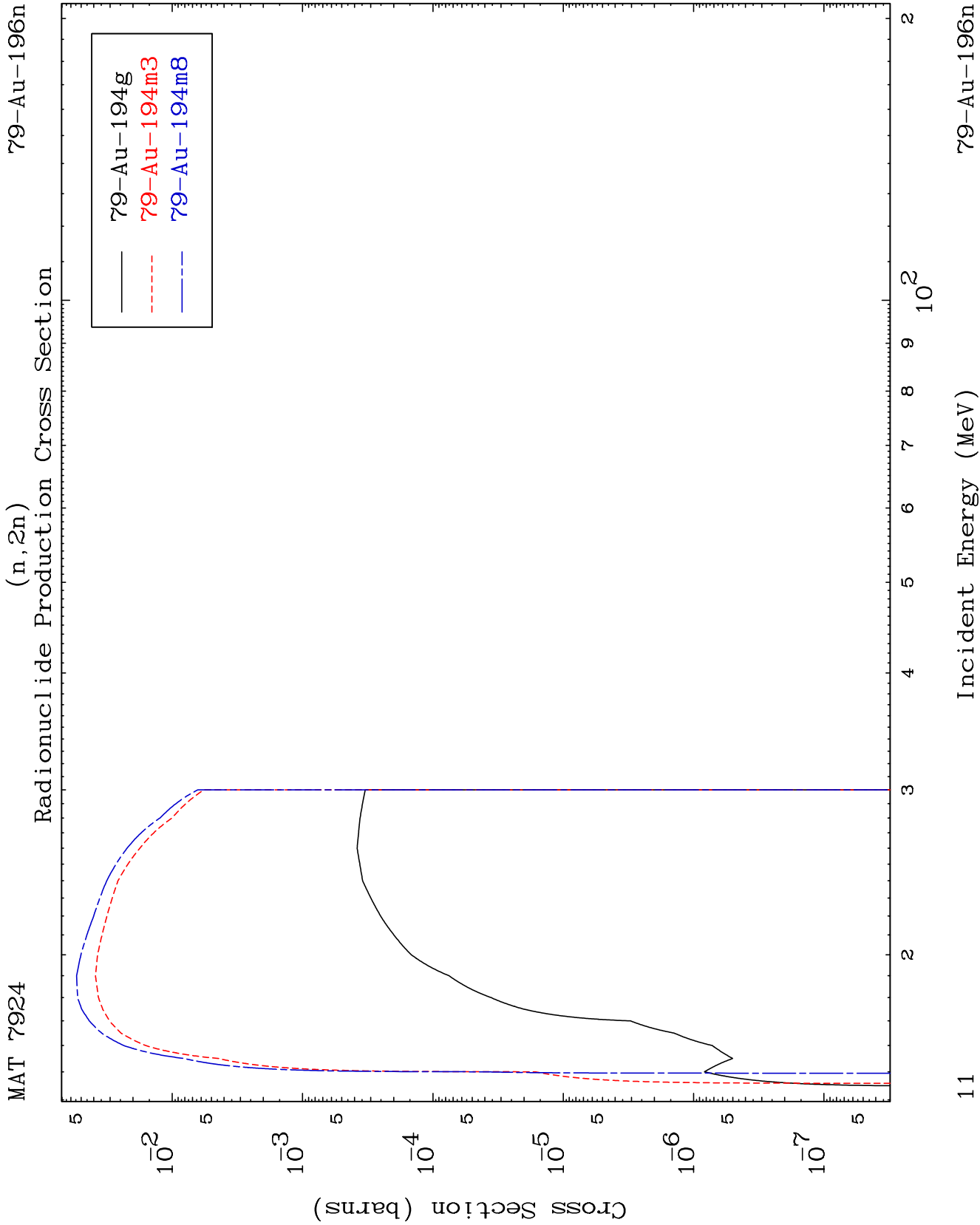
⁷⁹Au-196n

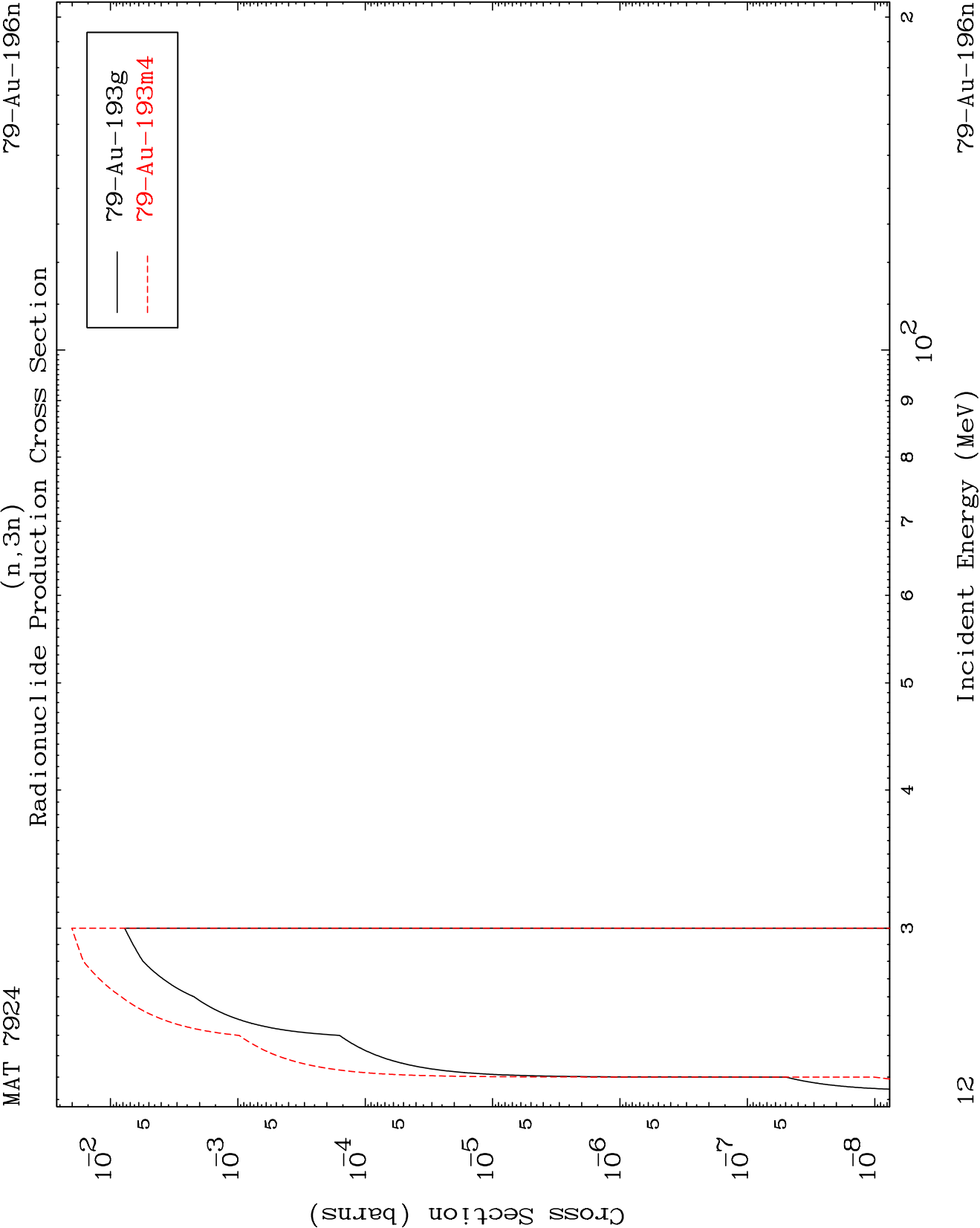
Inelastic
Radionuclide Production Cross Section



⁷⁹Au-196n

Incident Energy (MeV)



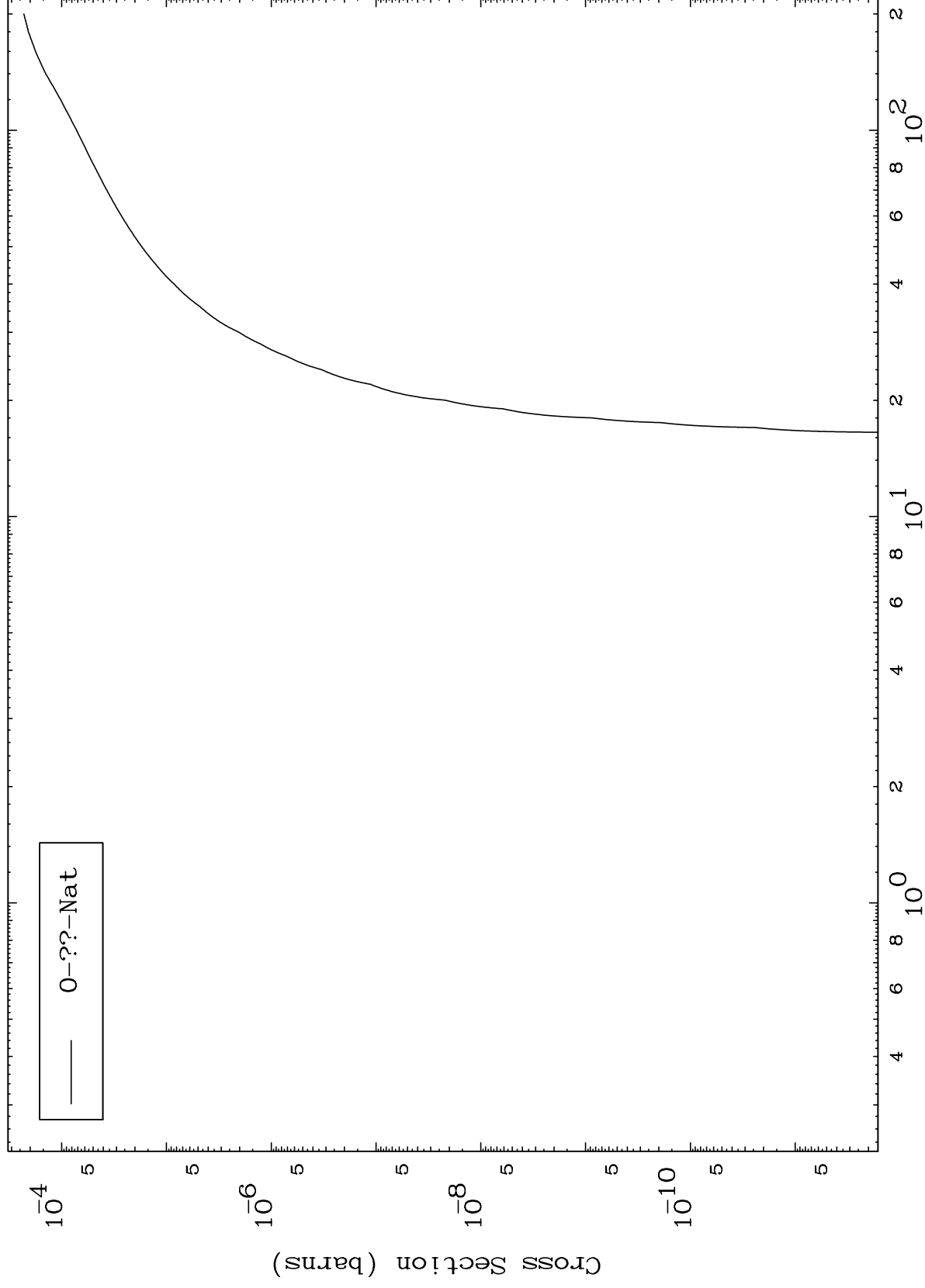


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Fission

⁷⁹Au-196n

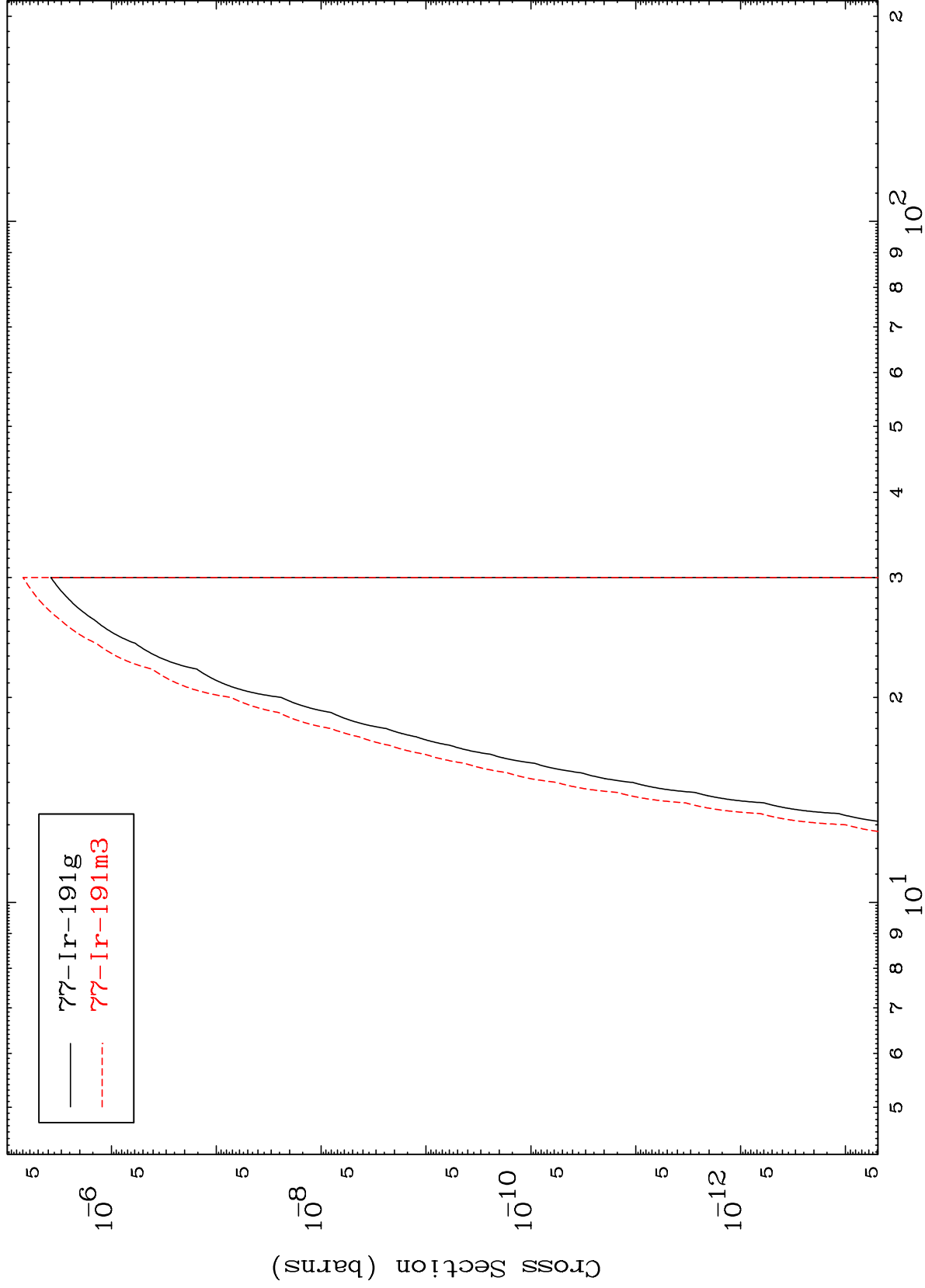
Radionuclide Production Cross Section



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$^{79}\text{Au-196n}$

$(n,n') \alpha$
Radionuclide Production Cross Section



$^{79}\text{Au-196n}$

Incident Energy (MeV)

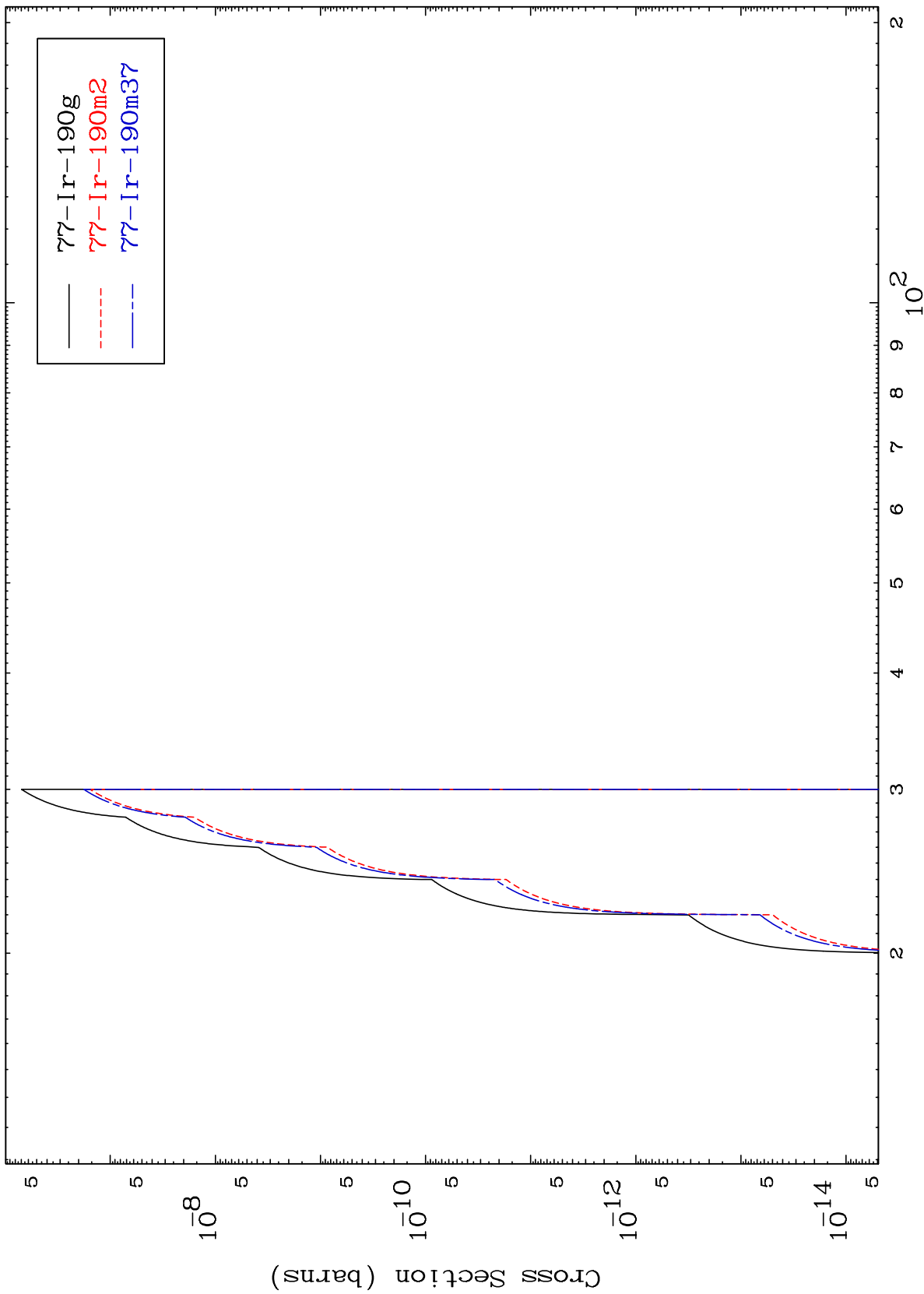
14

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⁷⁹Au-¹⁹⁶n

(n,2n) α

Radionuclide Production Cross Section



⁷⁹Au-¹⁹⁶n

Incident Energy (MeV)

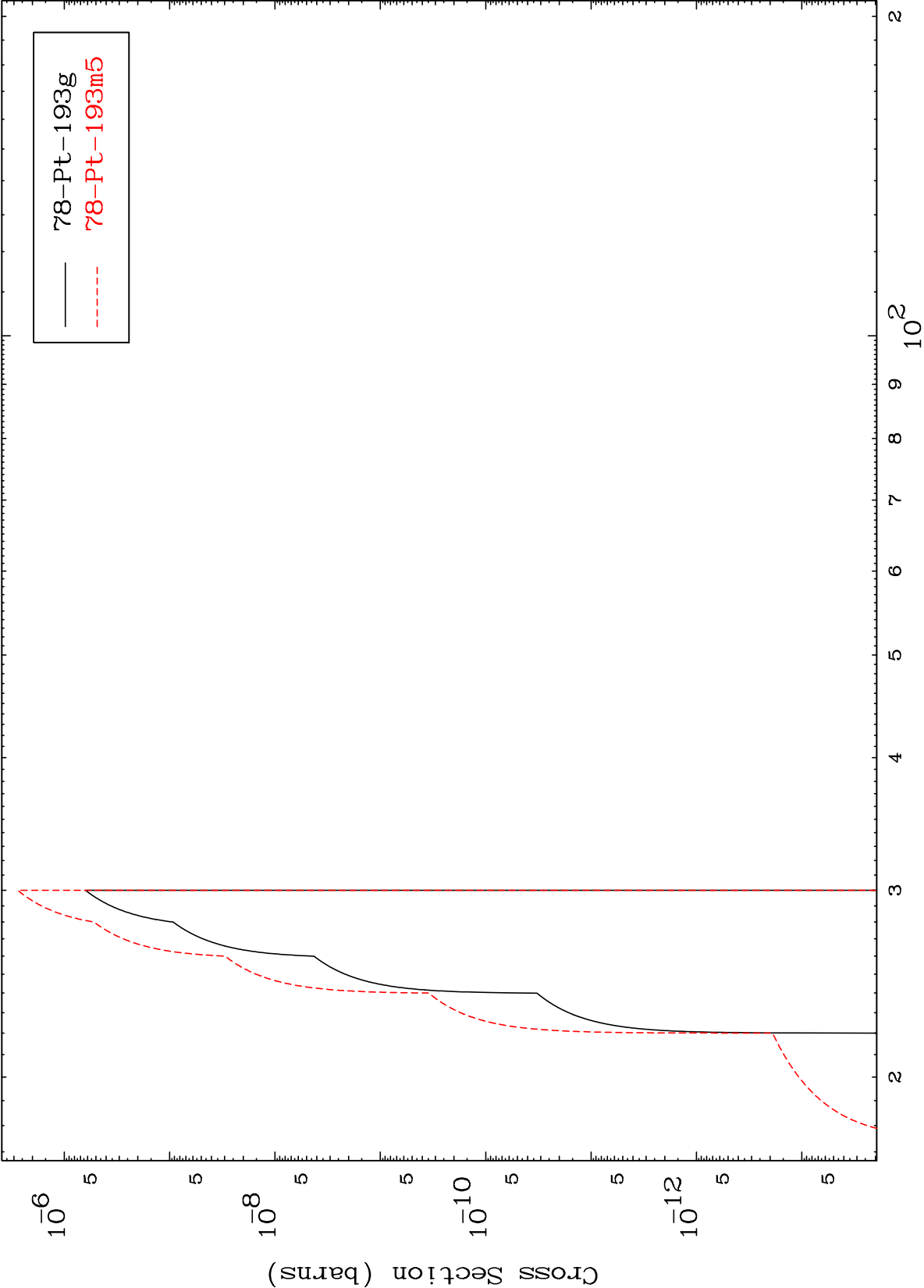
15

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(n,n') d

⁷⁹Au-¹⁹⁶n

Radionuclide Production Cross Section



16

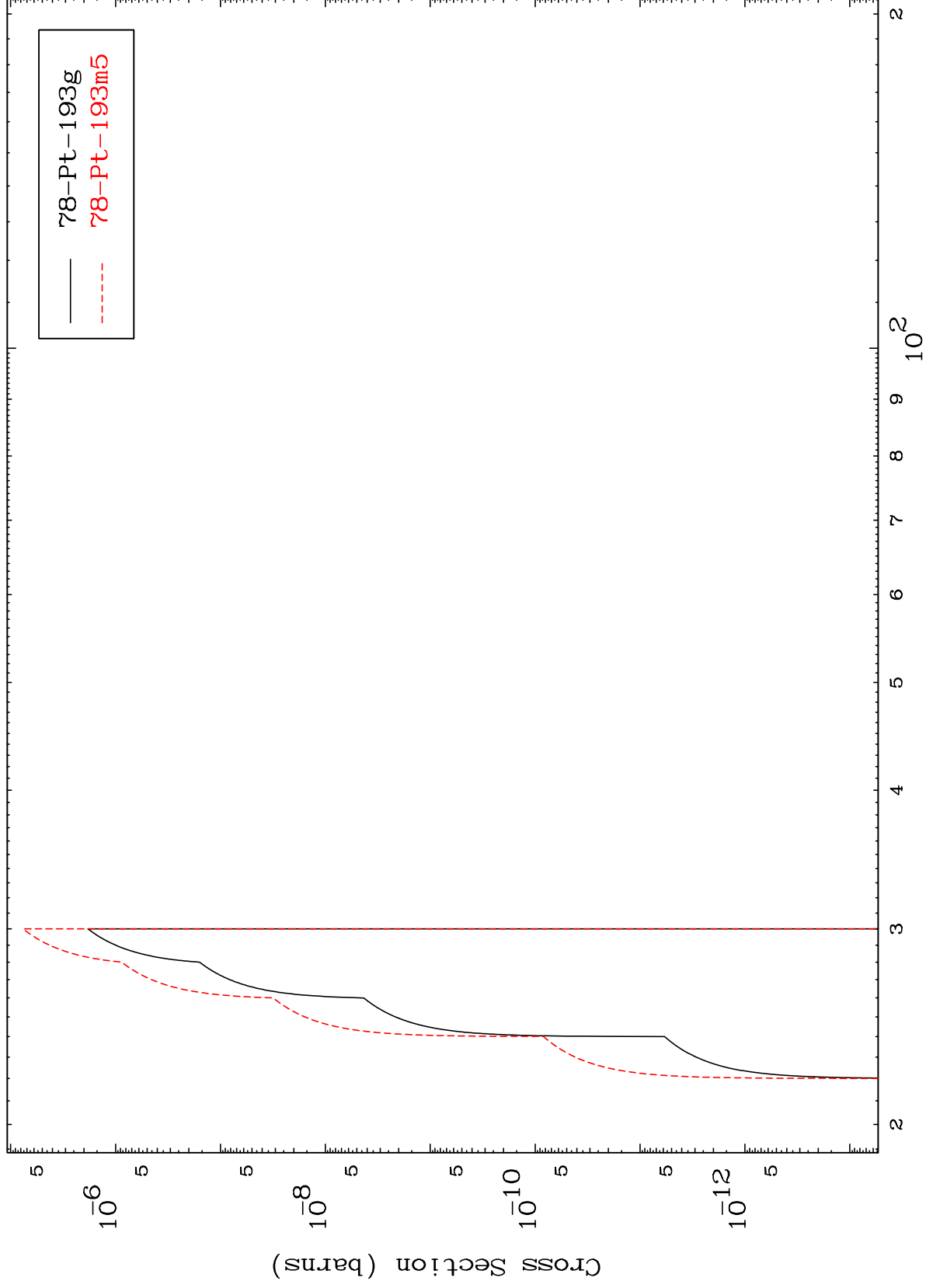
Incident Energy (MeV)

⁷⁹Au-¹⁹⁶n

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$^{79}\text{Au-196n}$

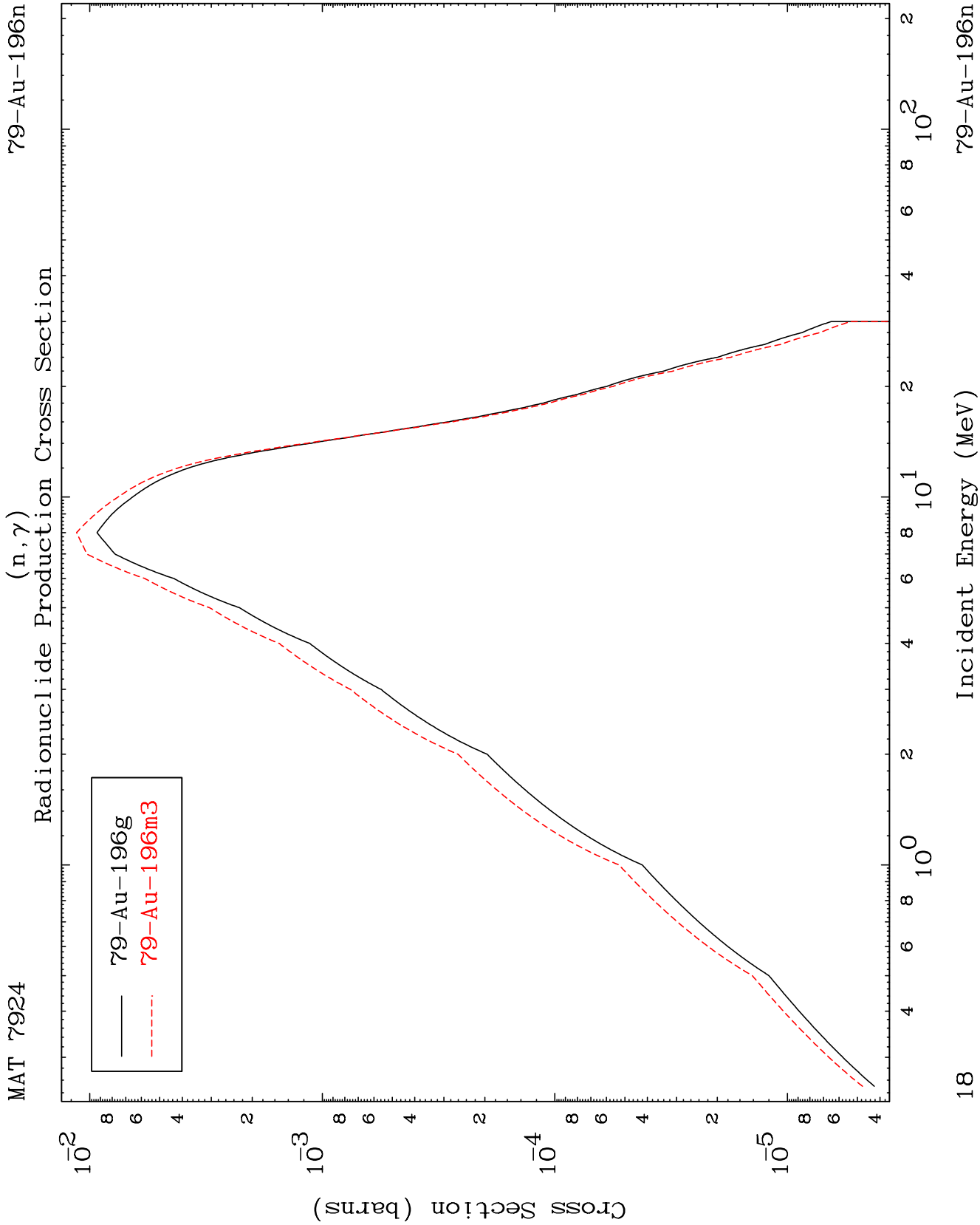
$(n,2n)$ p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

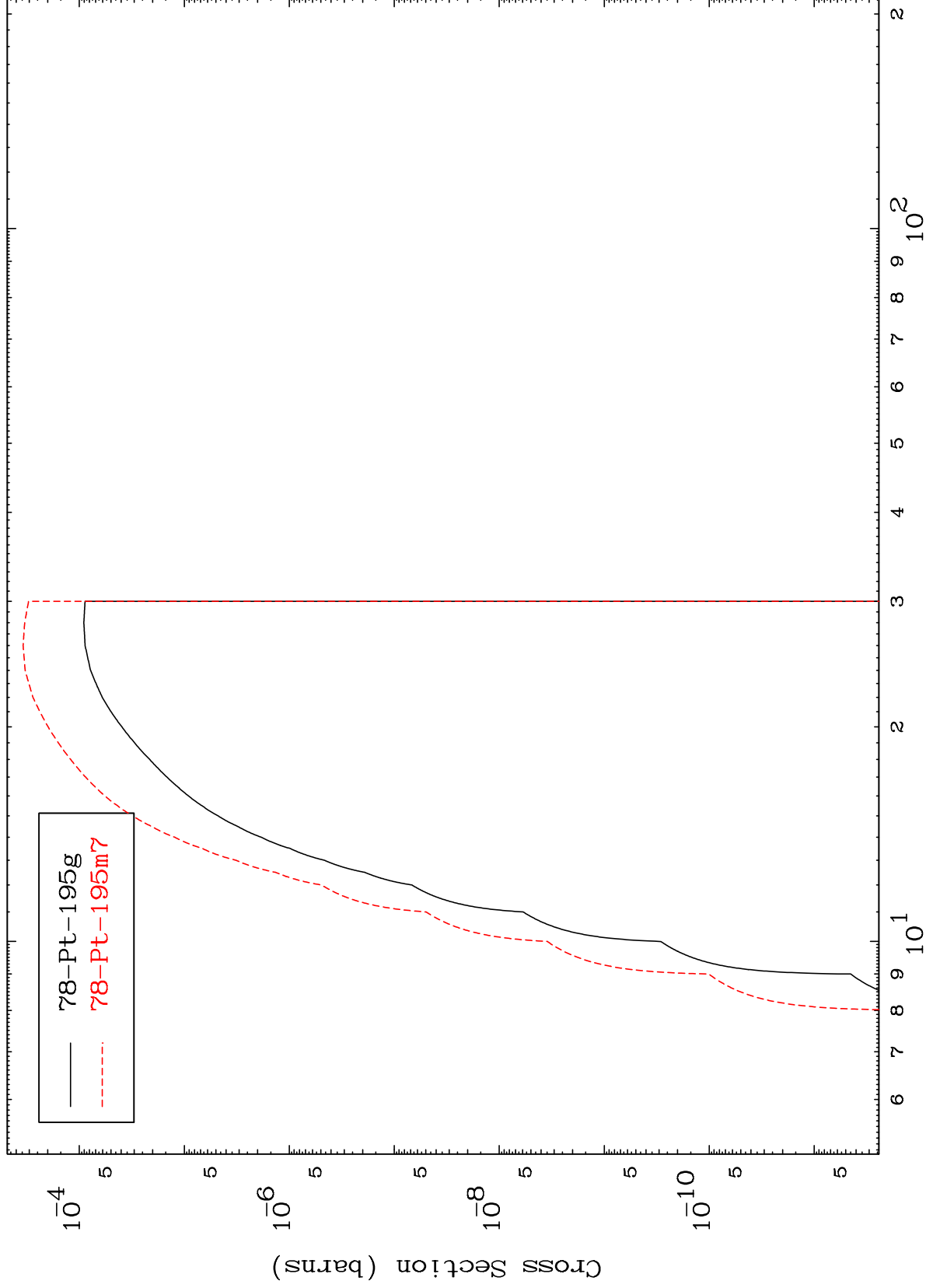
$^{79}\text{Au-196n}$



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$^{79}\text{Au-196n}$

Radionuclide Production Cross Section



19

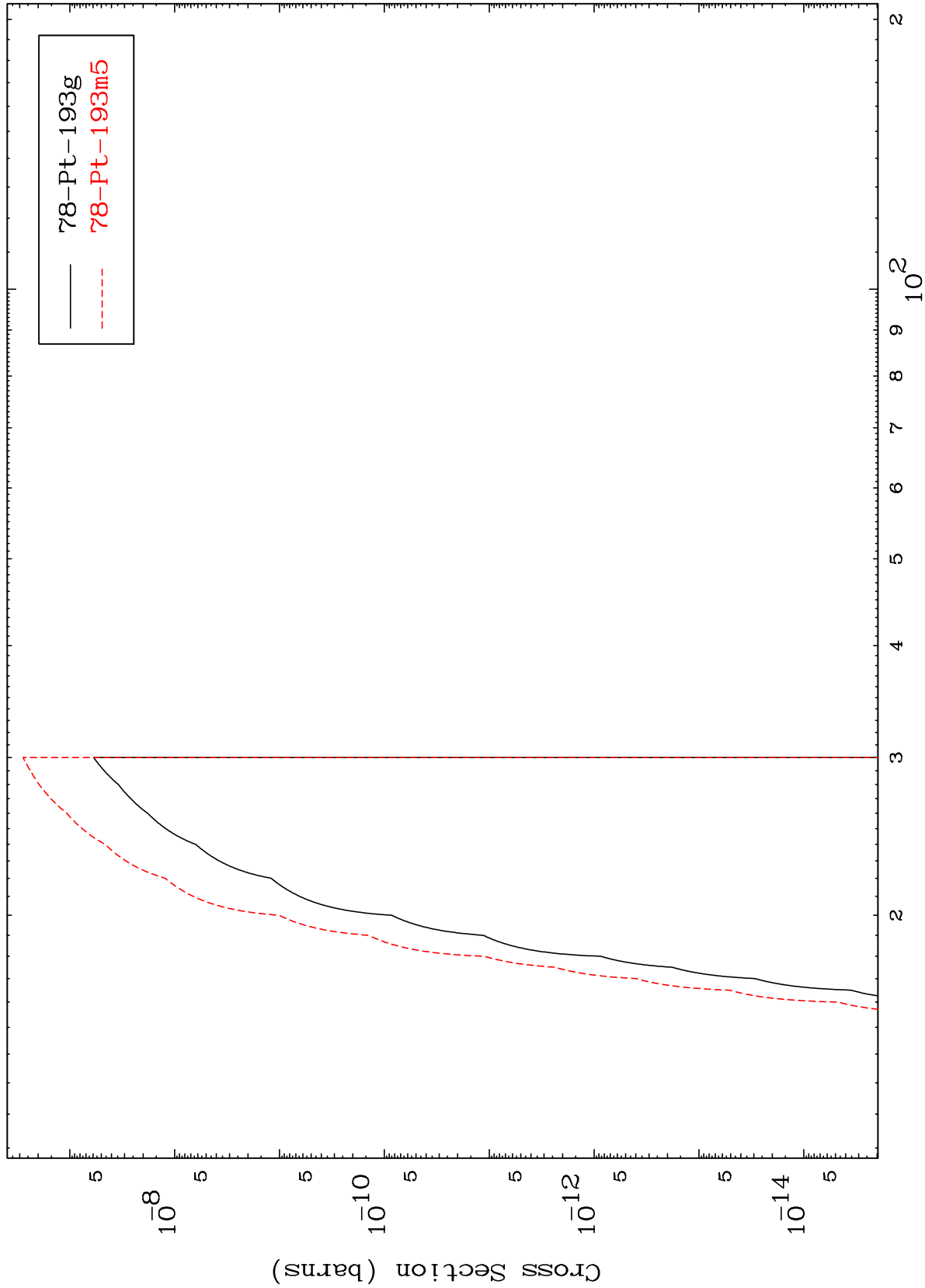
Incident Energy (MeV)

$^{79}\text{Au-196n}$

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⁷⁹Au-196n

(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁹Au-196n

