

Program EVALPLOT  
(Version 2021-1)

by

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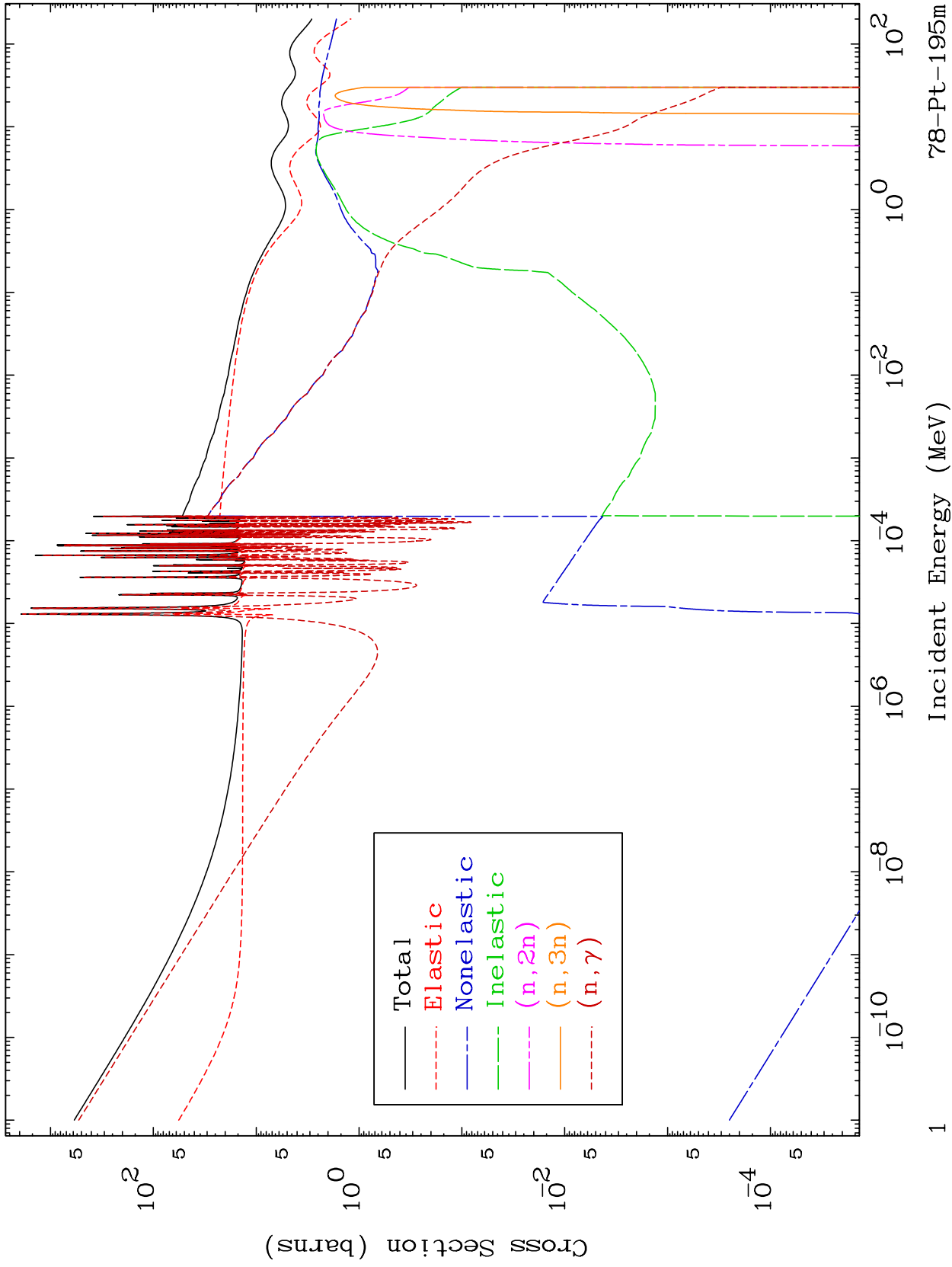
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7841

Neutron Major  
293 Kelvin Cross Sections

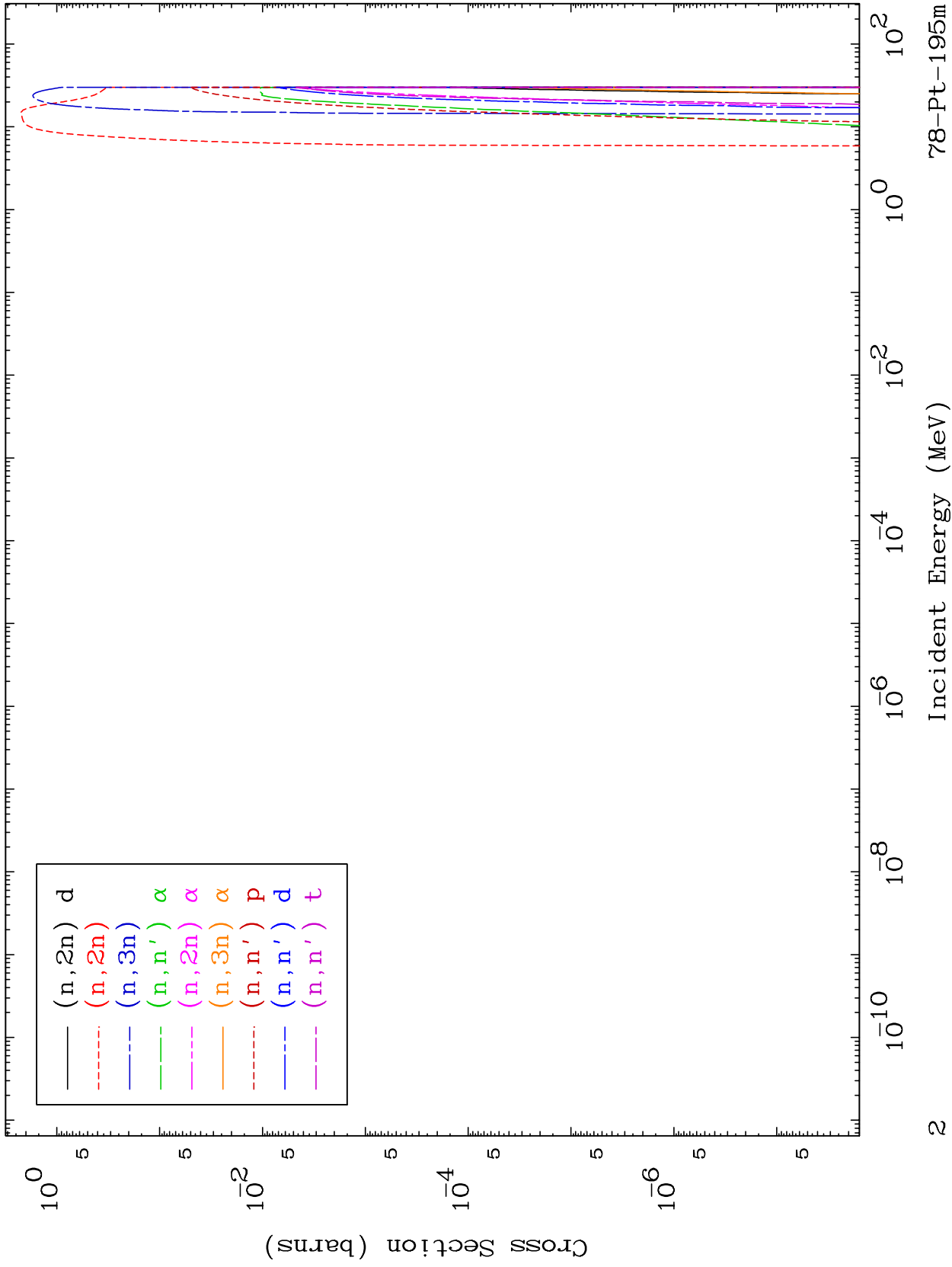
78-Pt-195m



MAT 7841

Neutron Absorption  
293 Kelvin Cross Sections

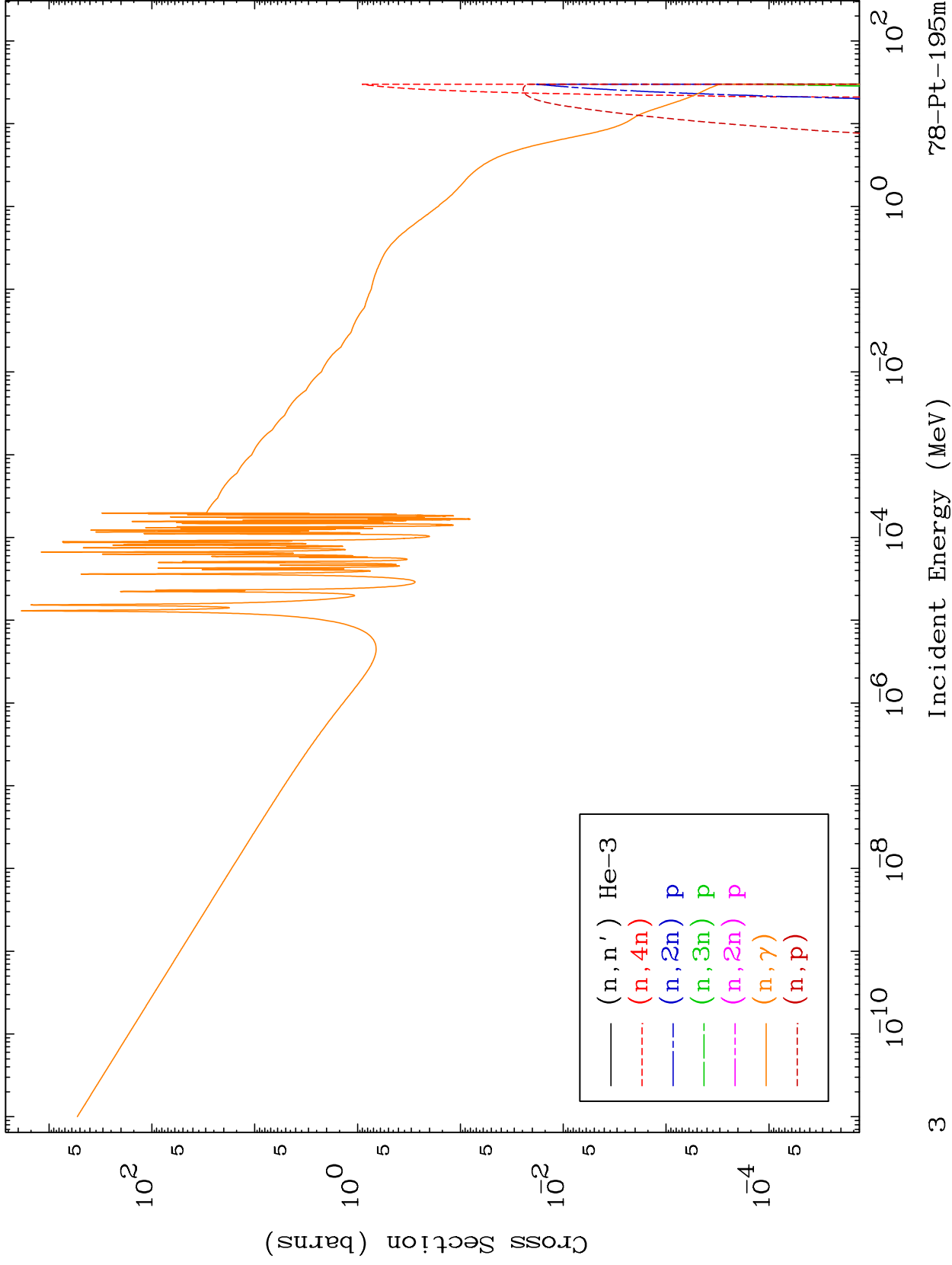
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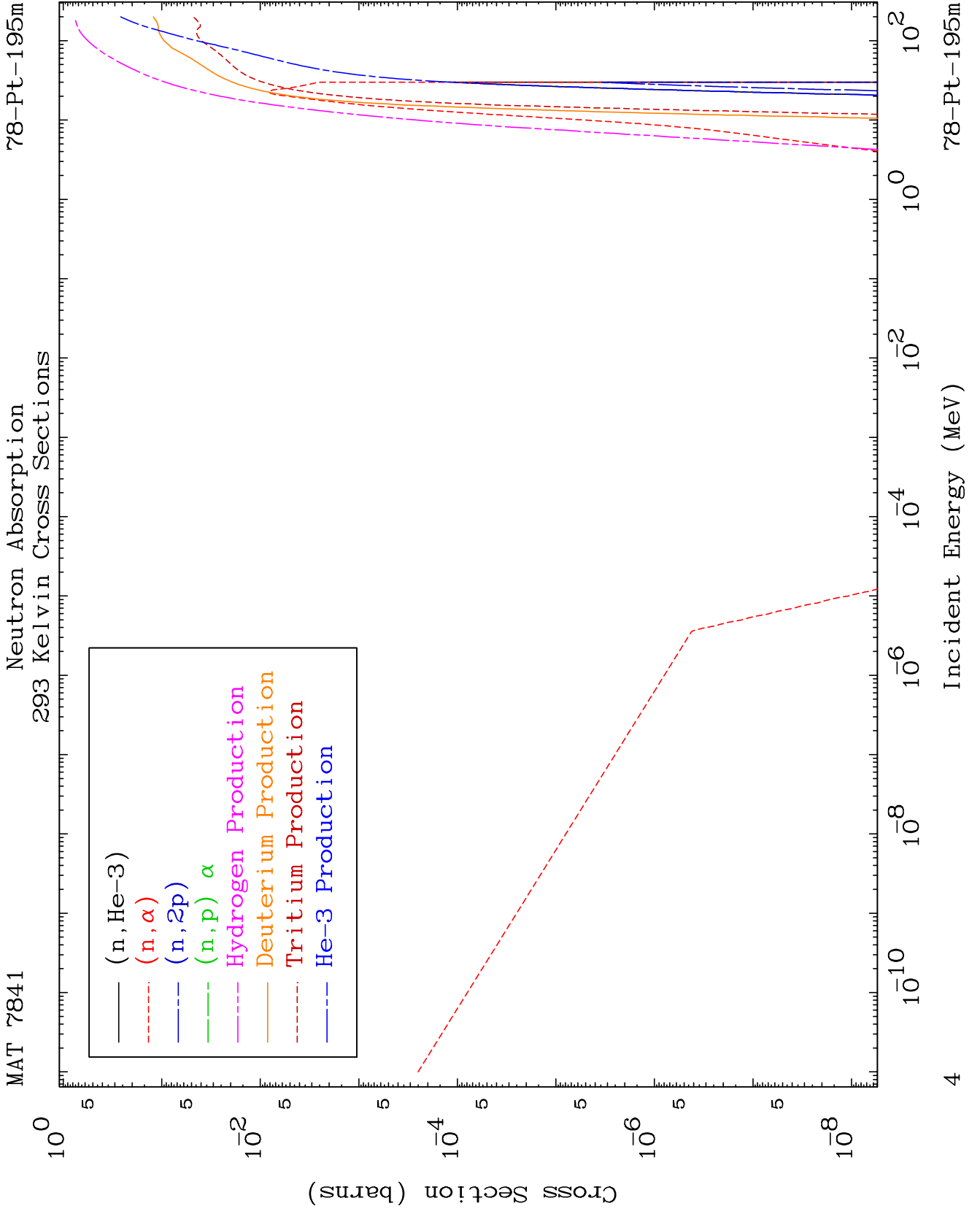


MAT 7841

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-195m

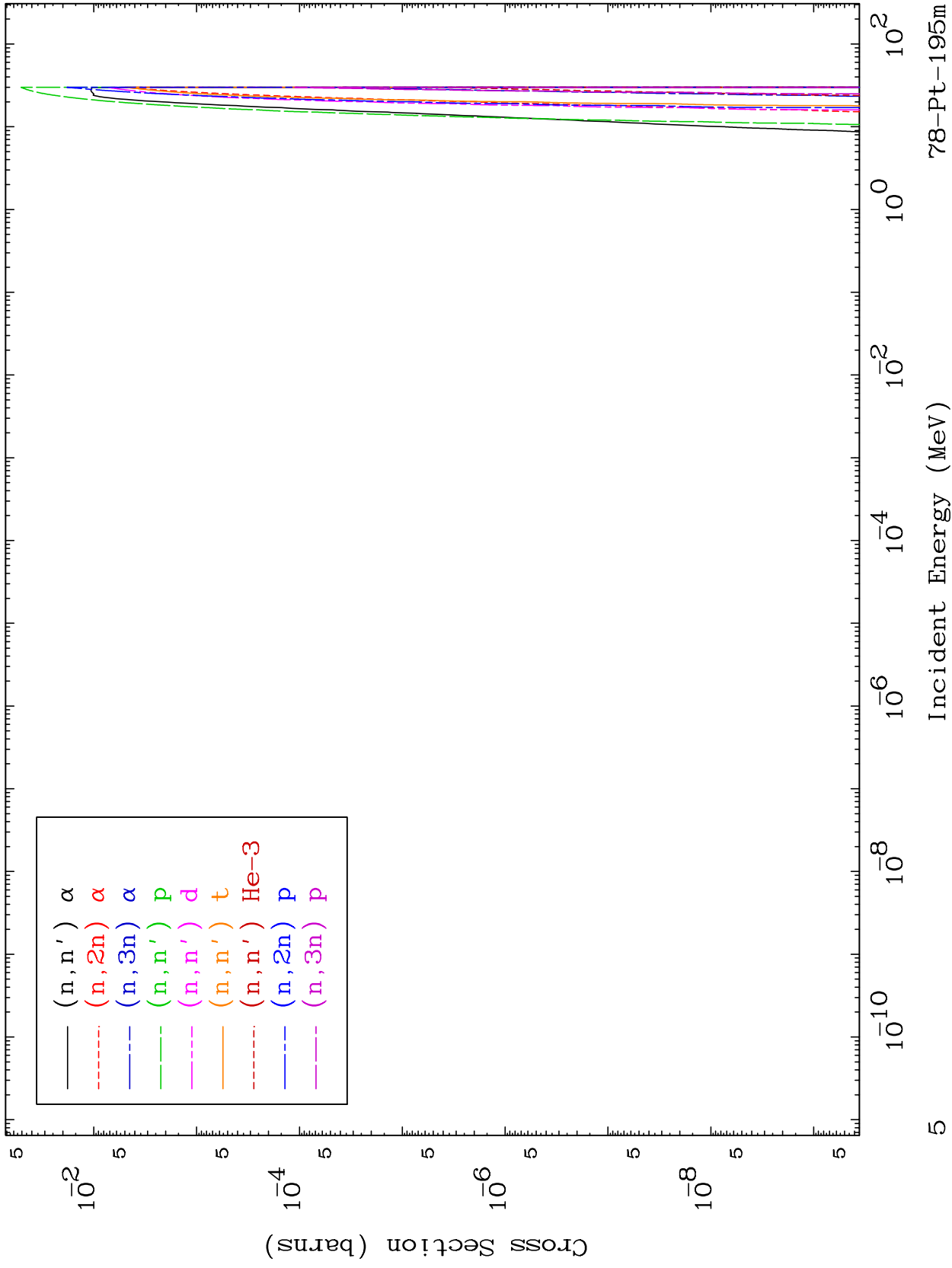




MAT 7841

Charged Particle  
293 Kelvin Cross Sections

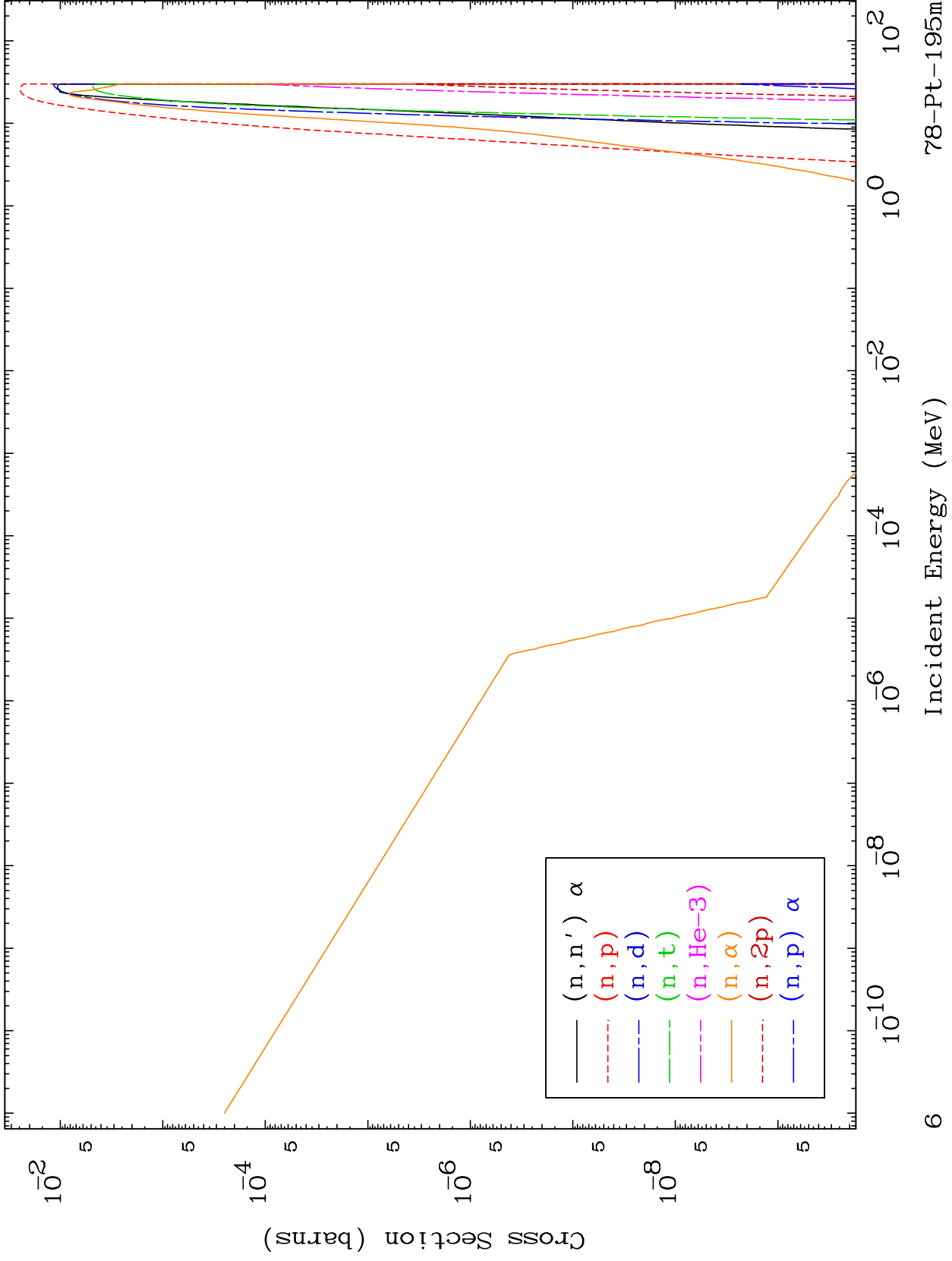
78-Pt-195m



MAT 7841

Charged Particle  
293 Kelvin Cross Sections

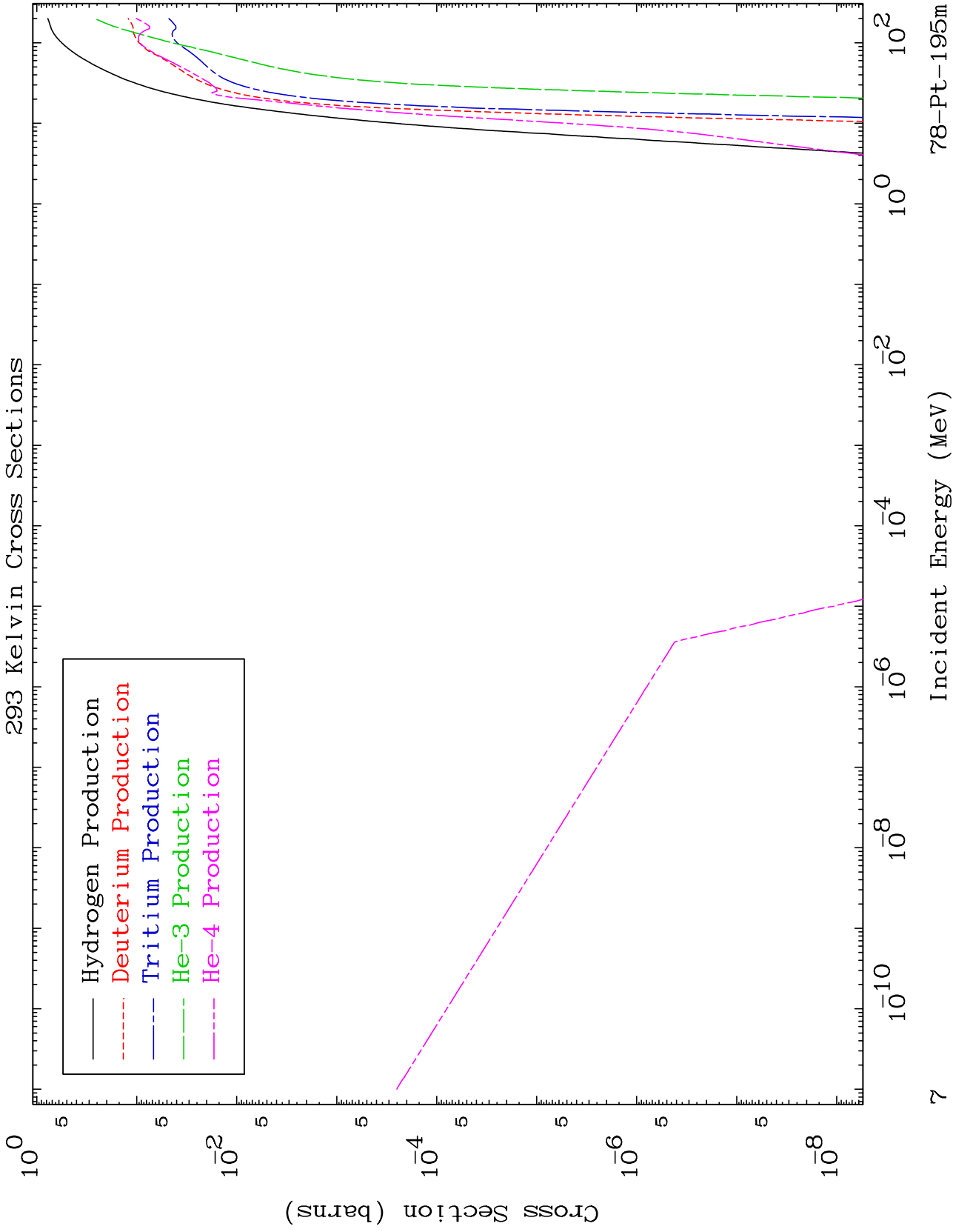
78-Pt-195m



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Particle Production  
293 Kelvin Cross Sections

78-Pt-195m



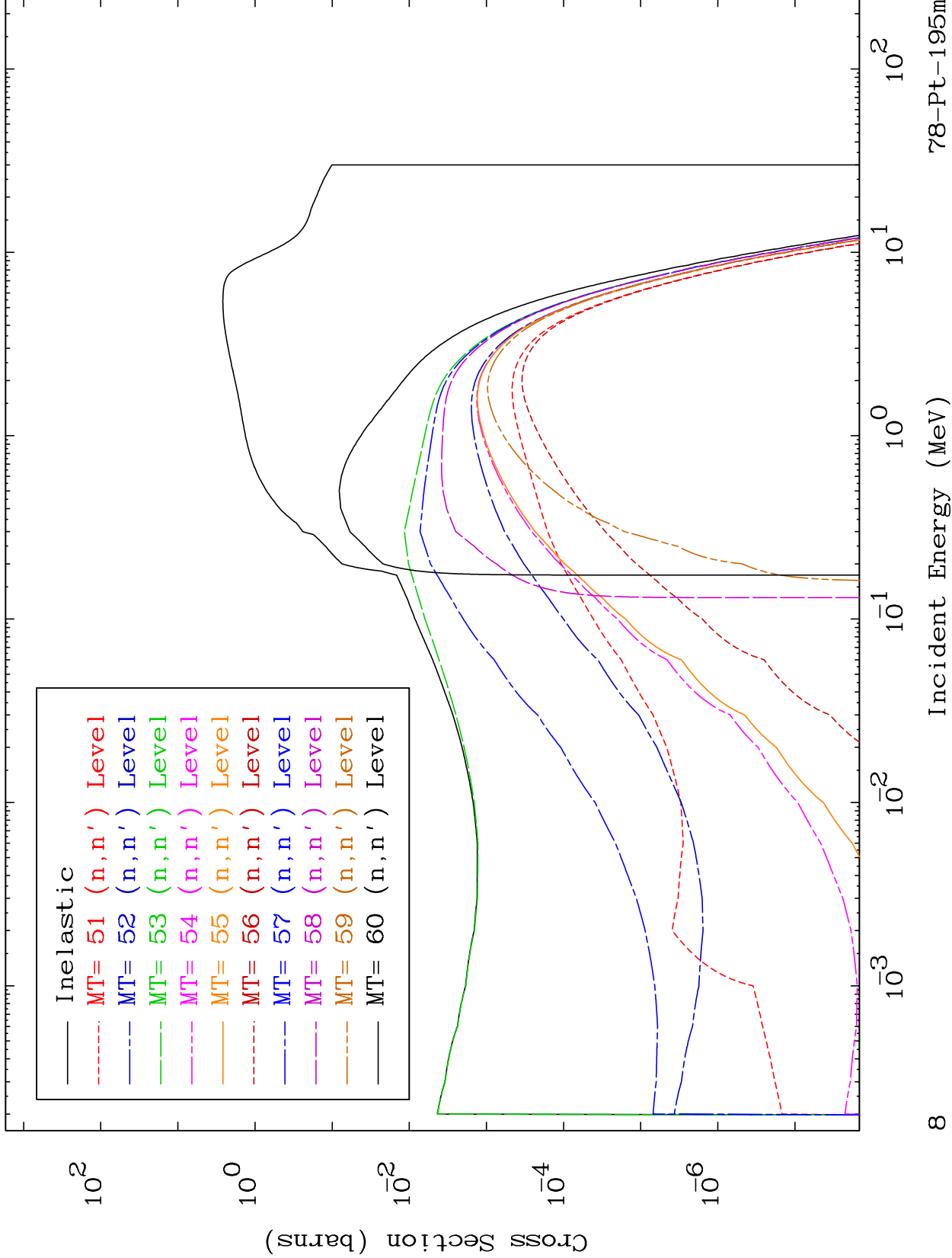
Legend:  
— Hydrogen Production  
- - - Deuterium Production  
- . - Tritium Production  
- - - He-3 Production  
- . - He-4 Production



MAT 7841

(n,n') Levels  
293 Kelvin Cross Sections

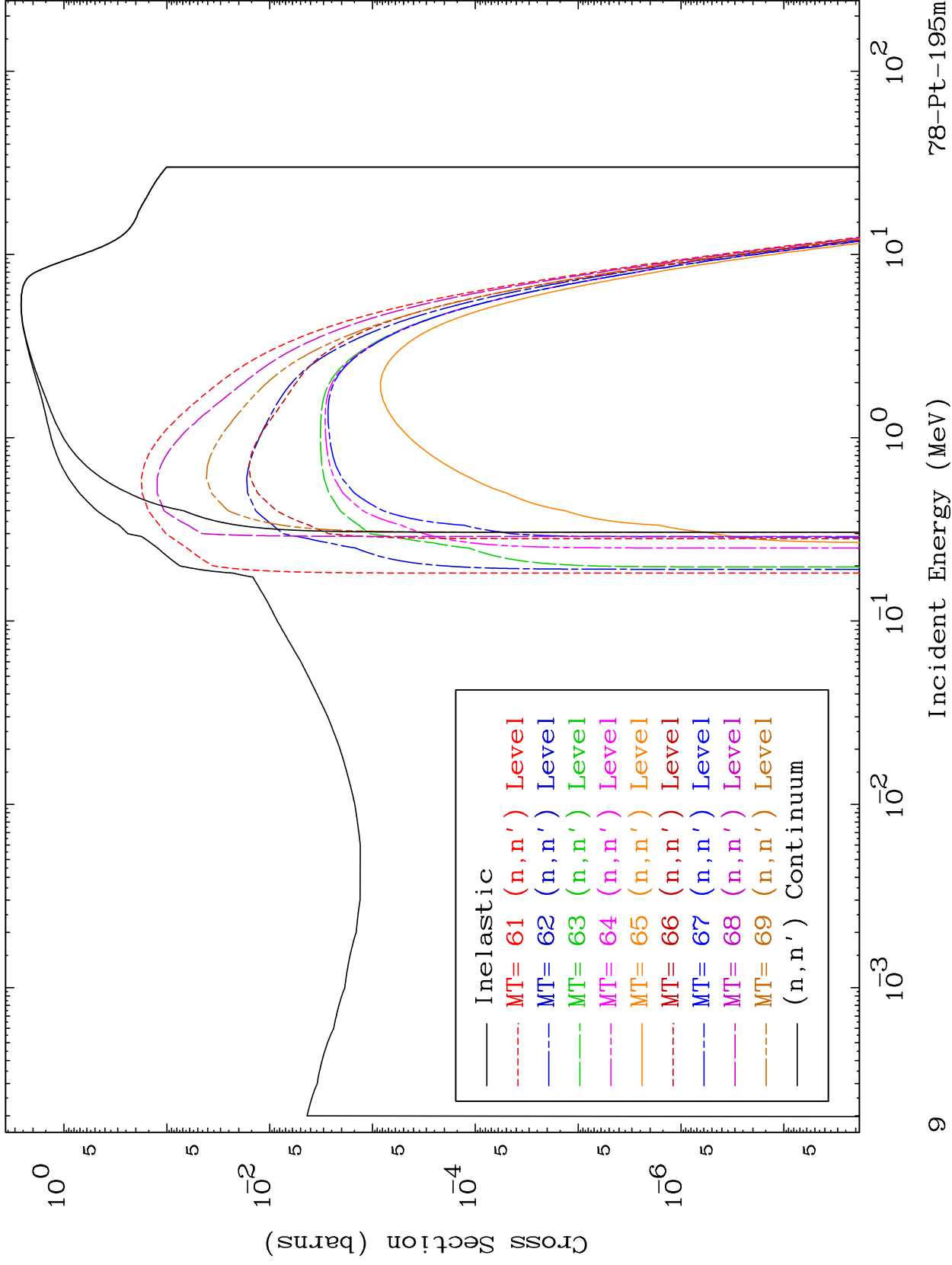
78-Pt-195m



MAT 7841

293 Kelvin Cross Sections  
(n,n') Levels

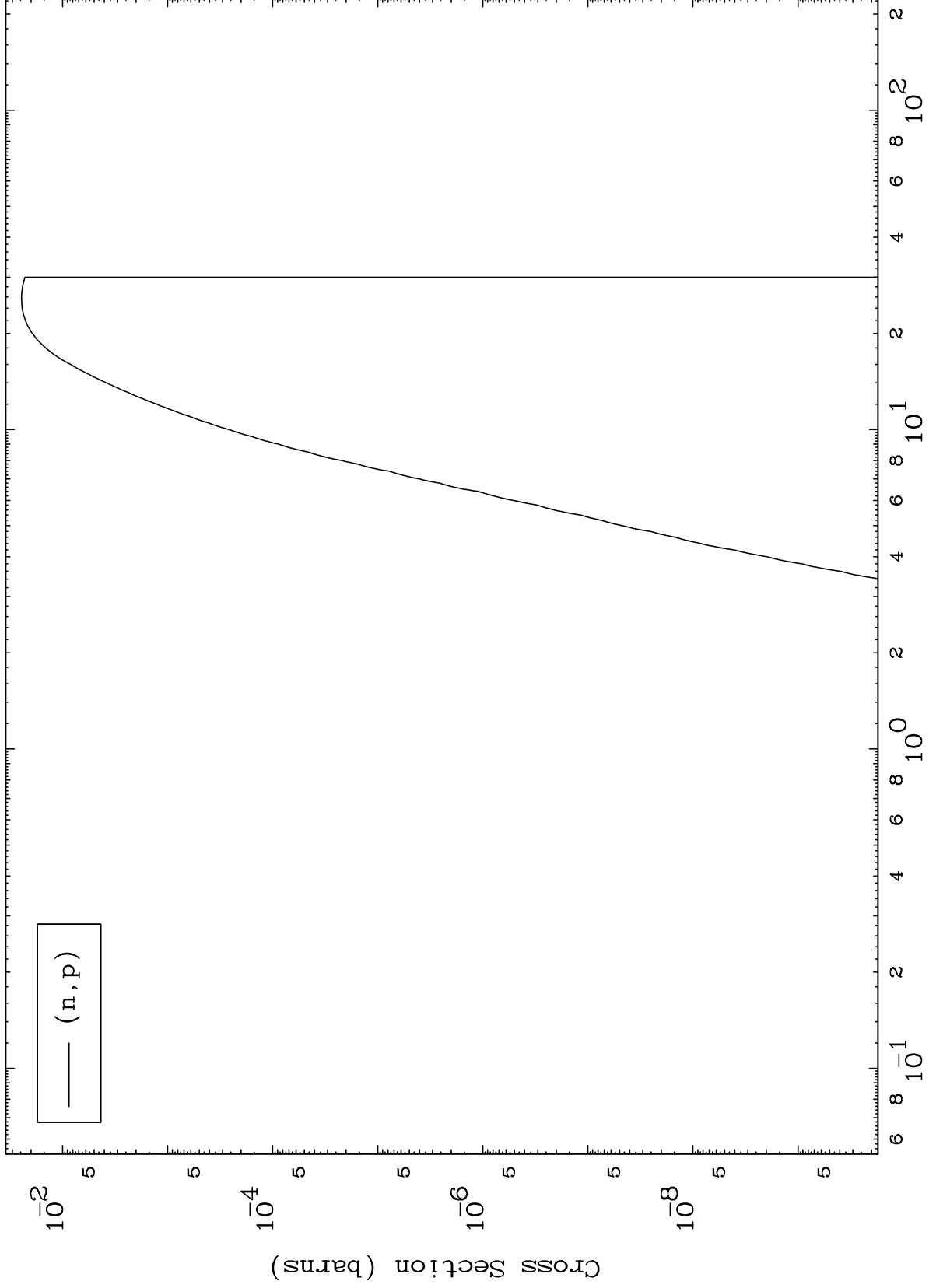
78-Pt-195m



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(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-195m



10

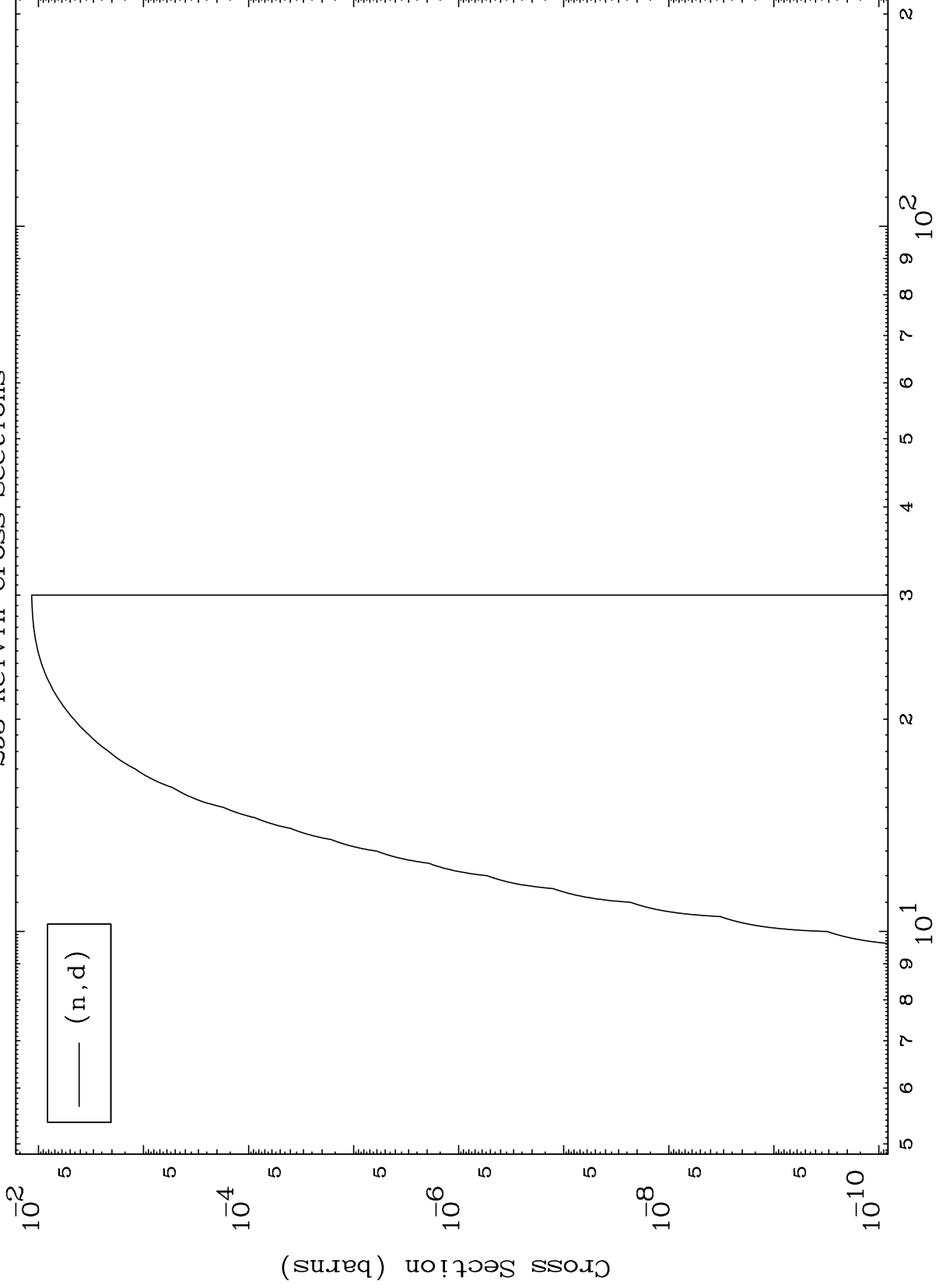
Incident Energy (MeV)

78-Pt-195m

MAT 7841

(n,d) Levels  
293 Kelvin Cross Sections

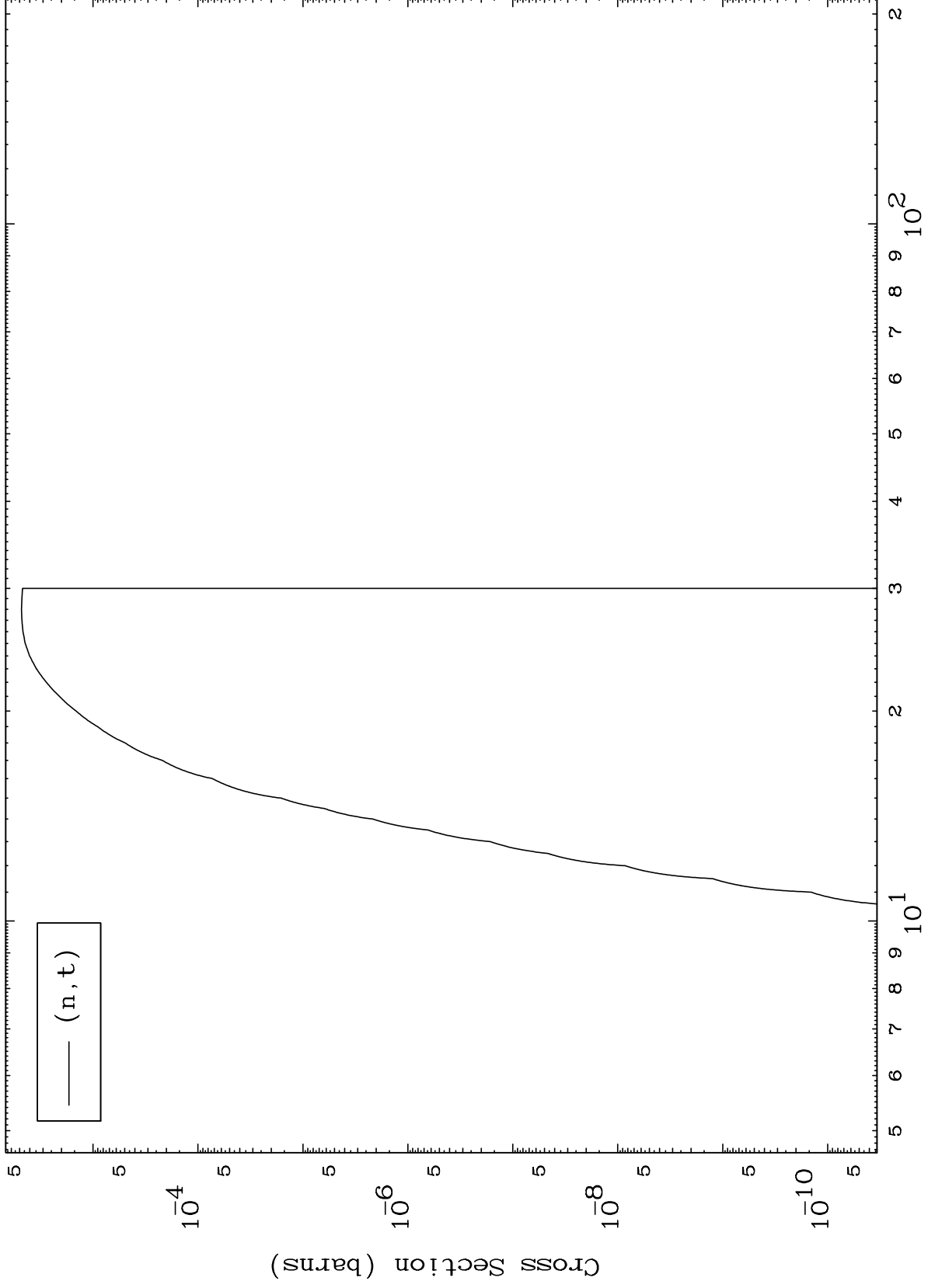
78-Pt-195m



MAT 7841

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-195m



12

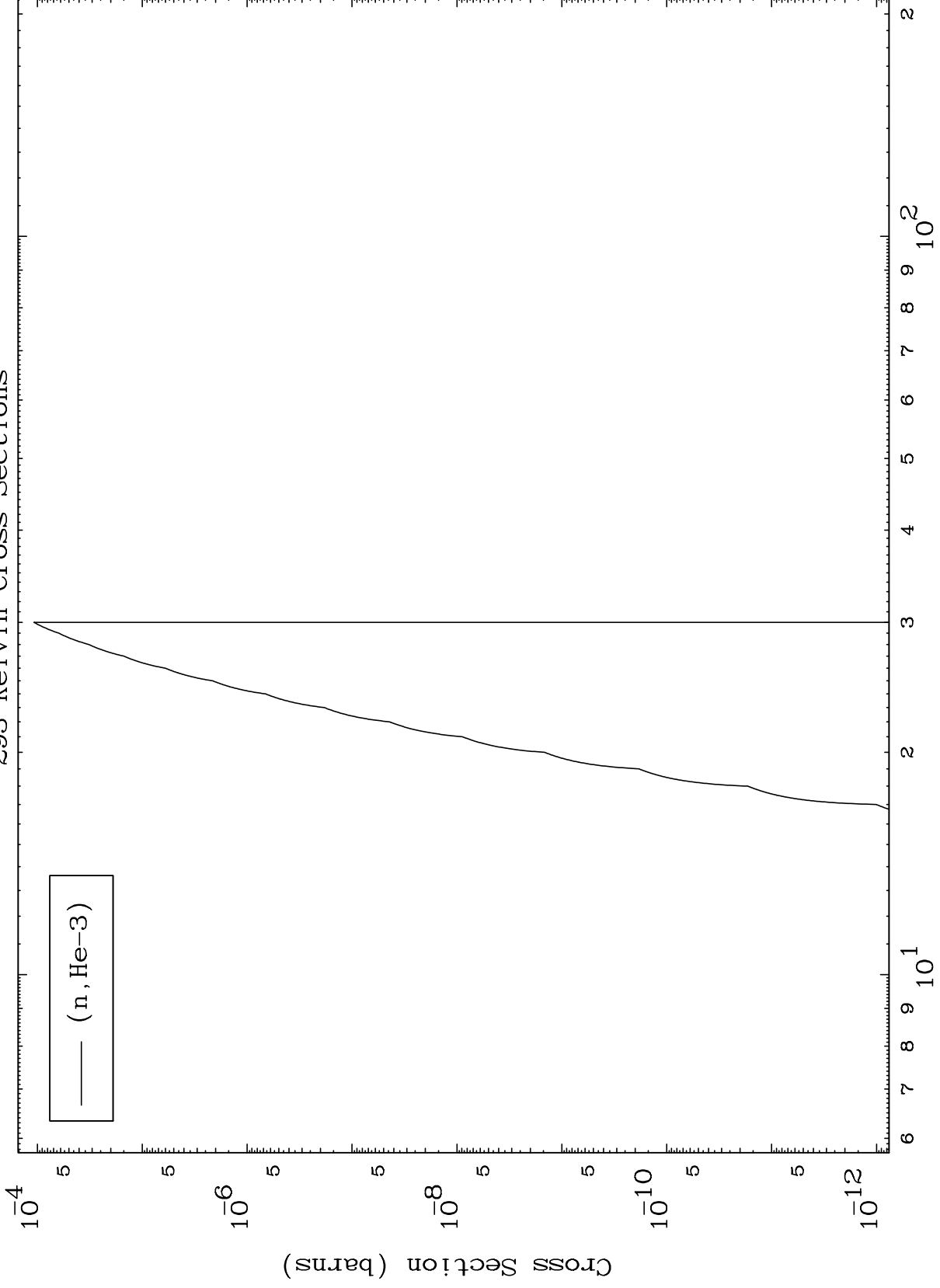
Incident Energy (MeV)

78-Pt-195m

MAT 7841

(n,He3) Levels  
293 Kelvin Cross Sections

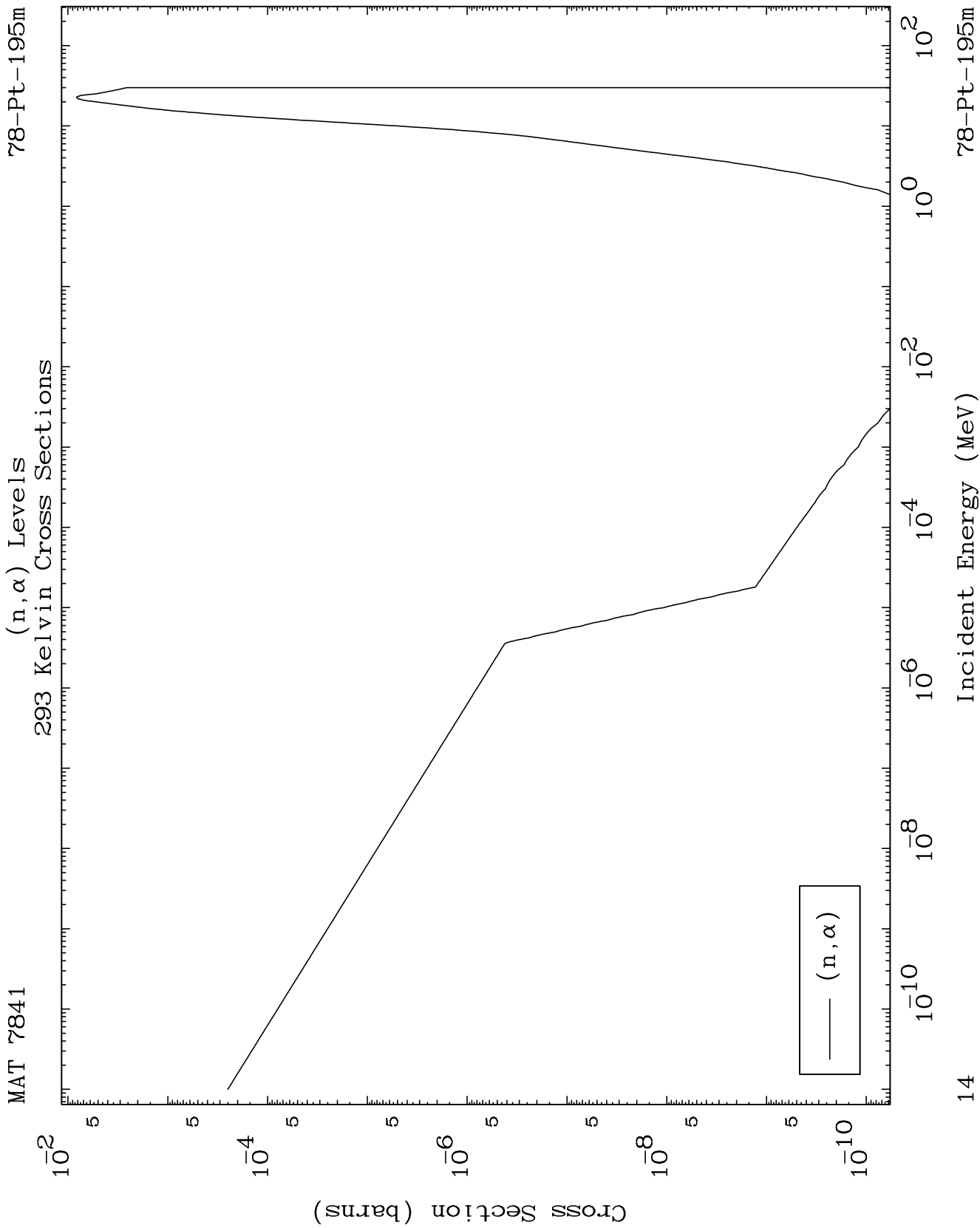
78-Pt-195m



13

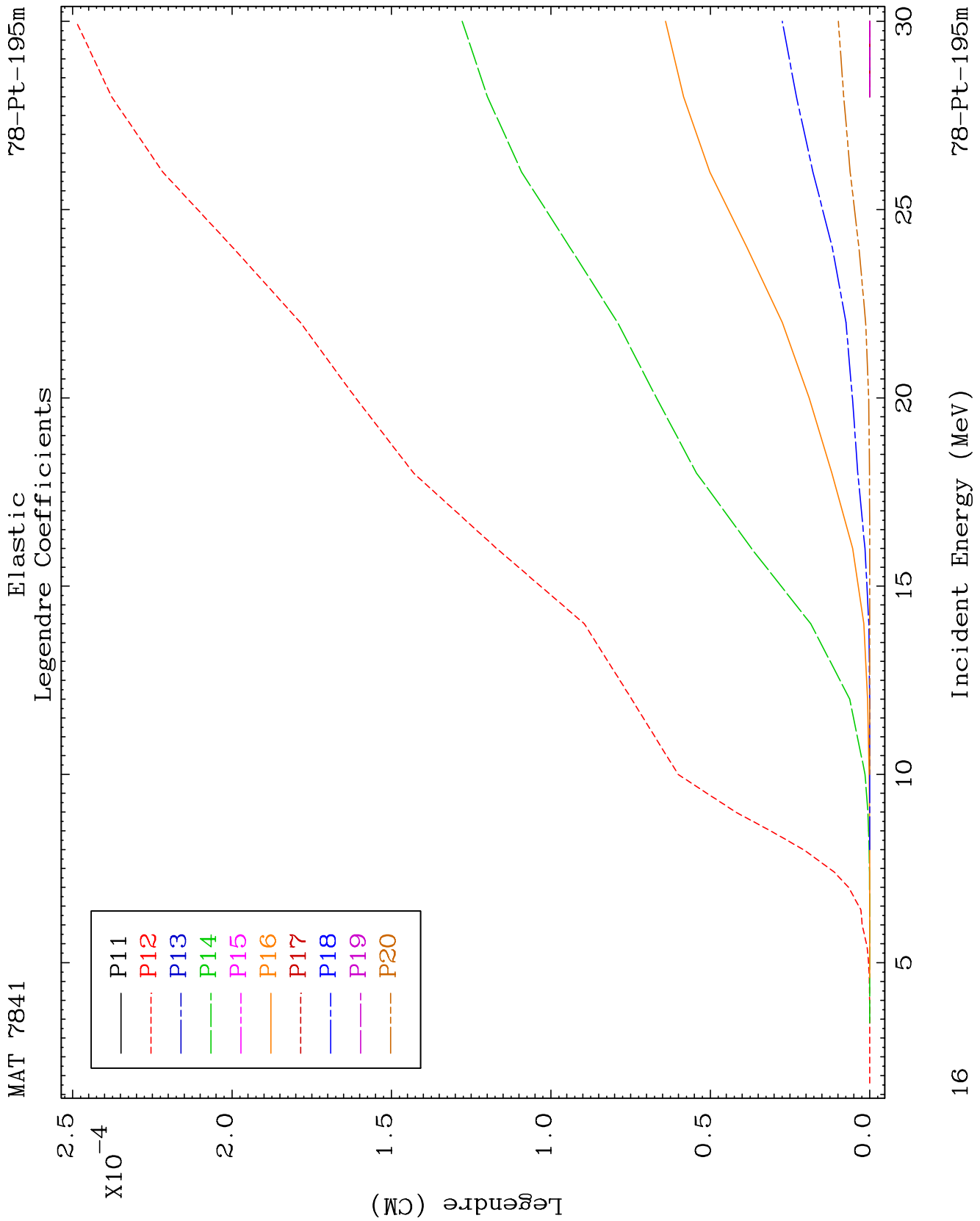
Incident Energy (MeV)

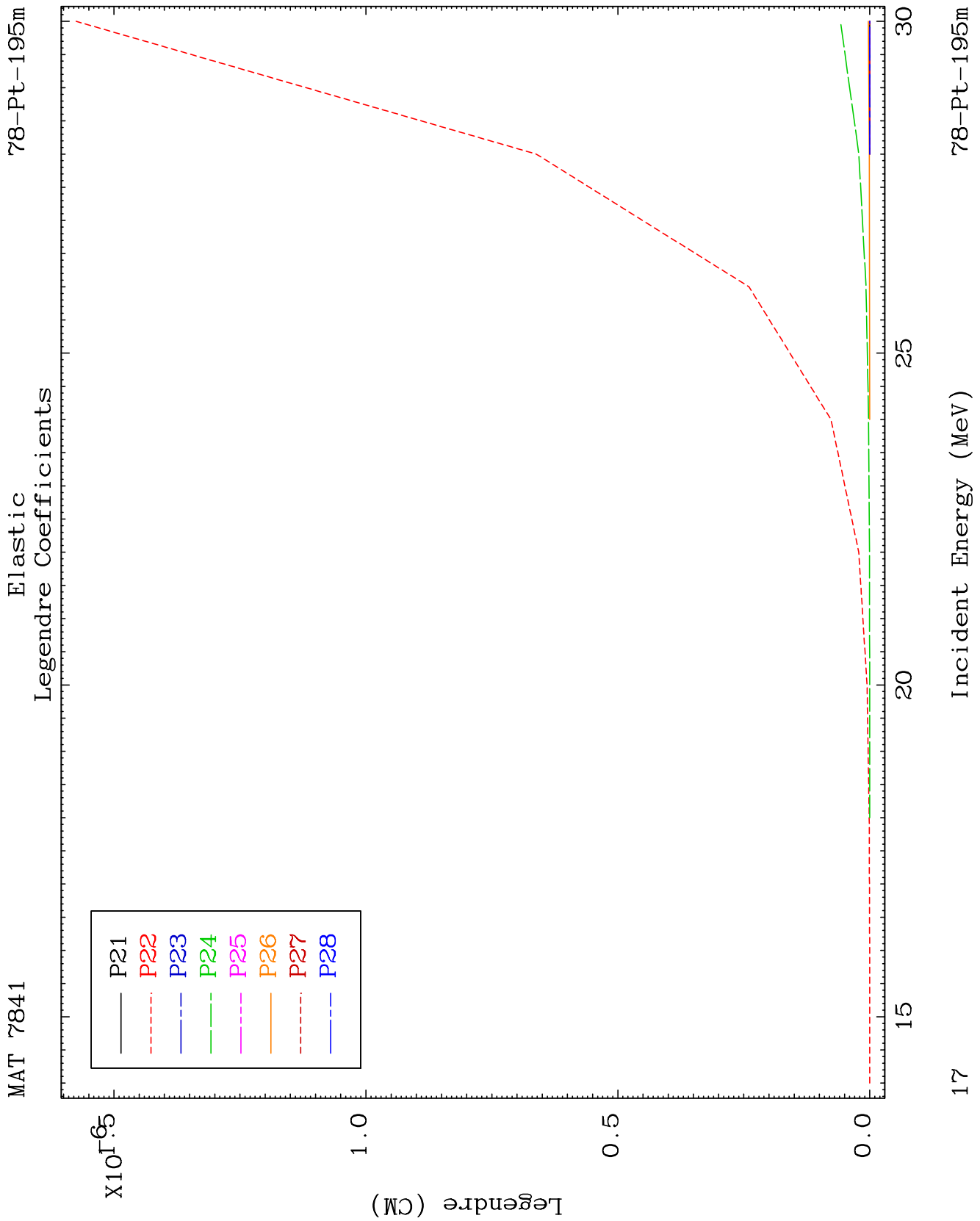
78-Pt-195m







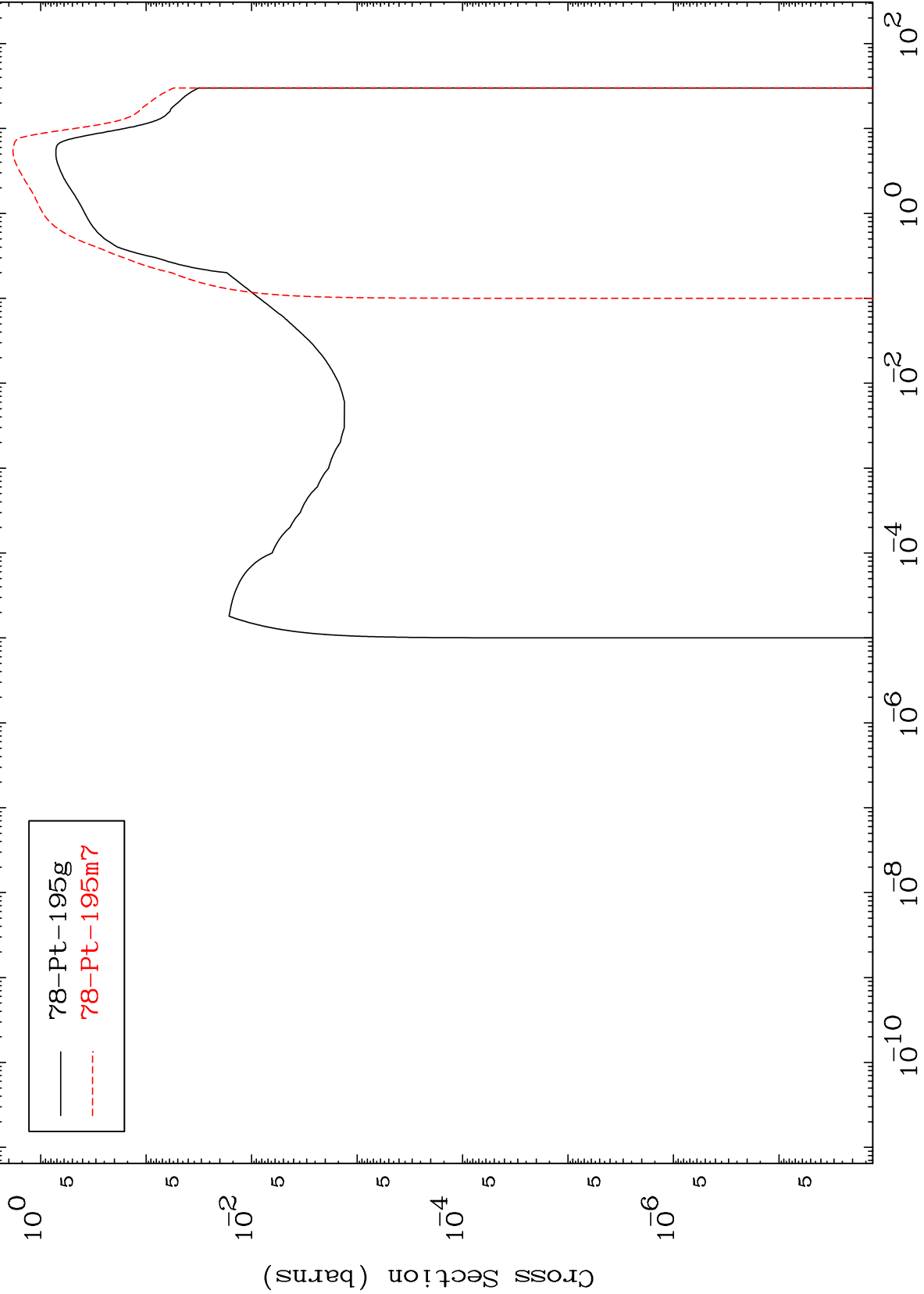




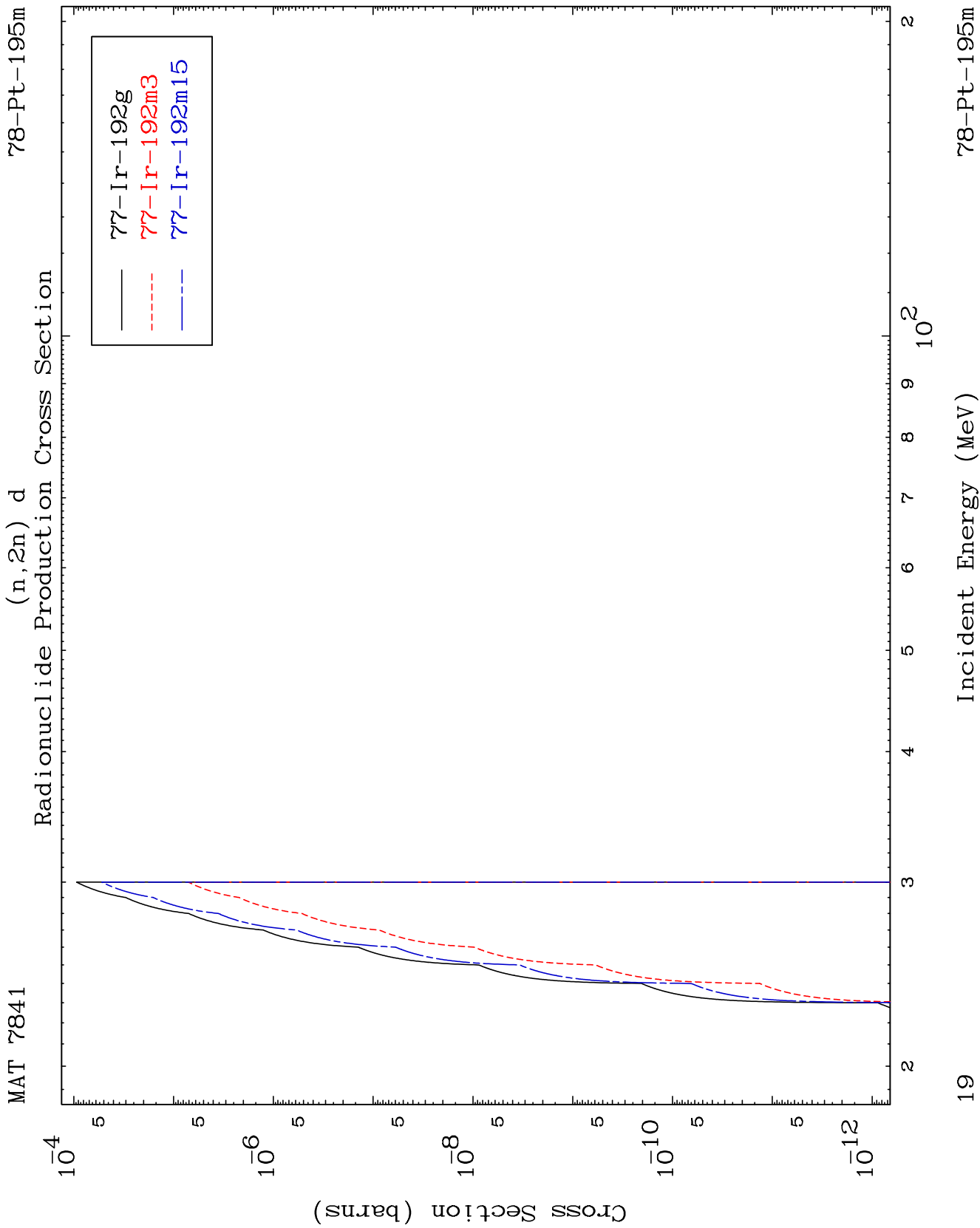
MAT 7841

Inelastic  
Radionuclide Production Cross Section

78-Pt-195m



78-Pt-195g  
78-Pt-195m7

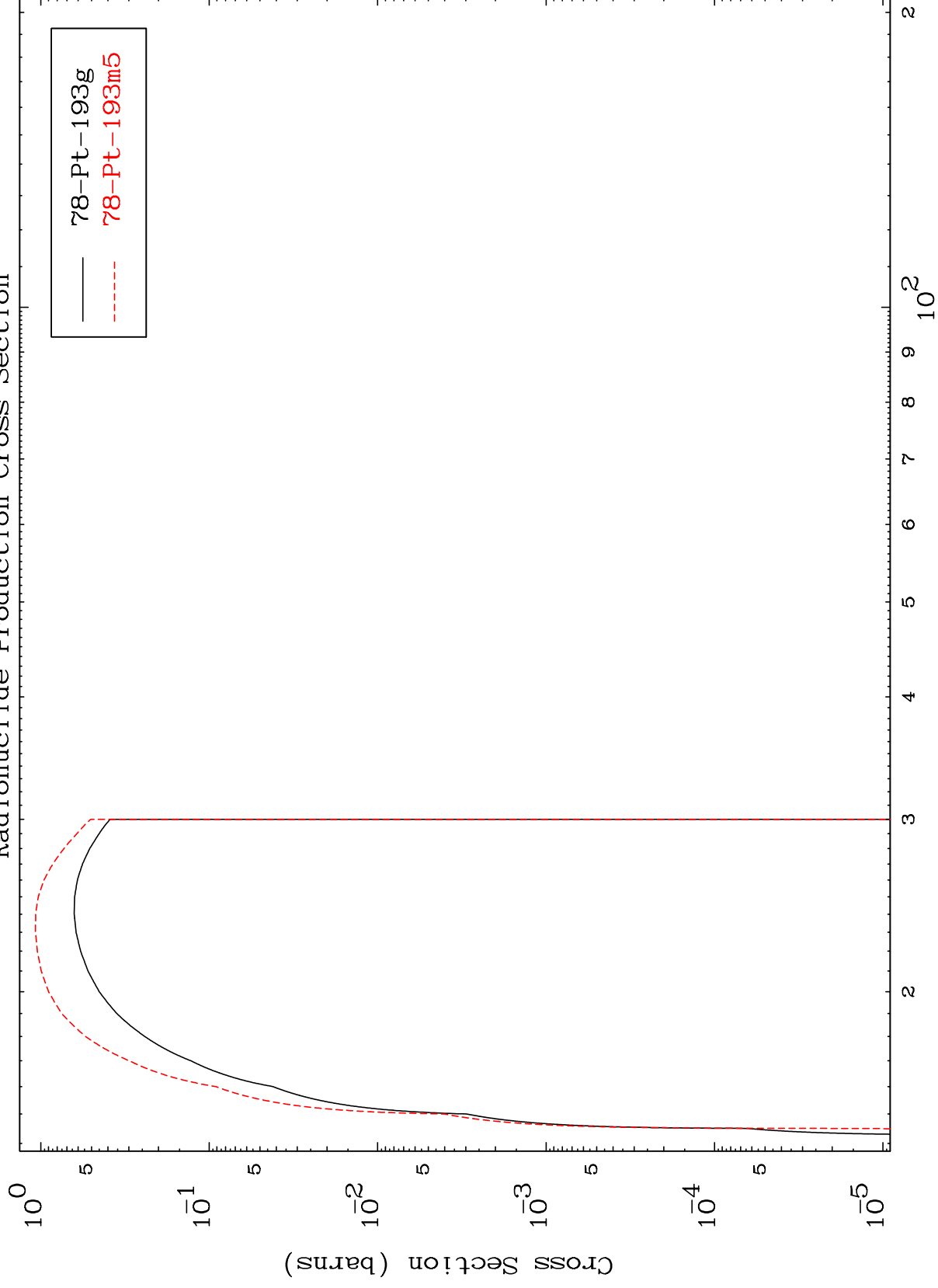


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(n,3n)

78-Pt-195m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

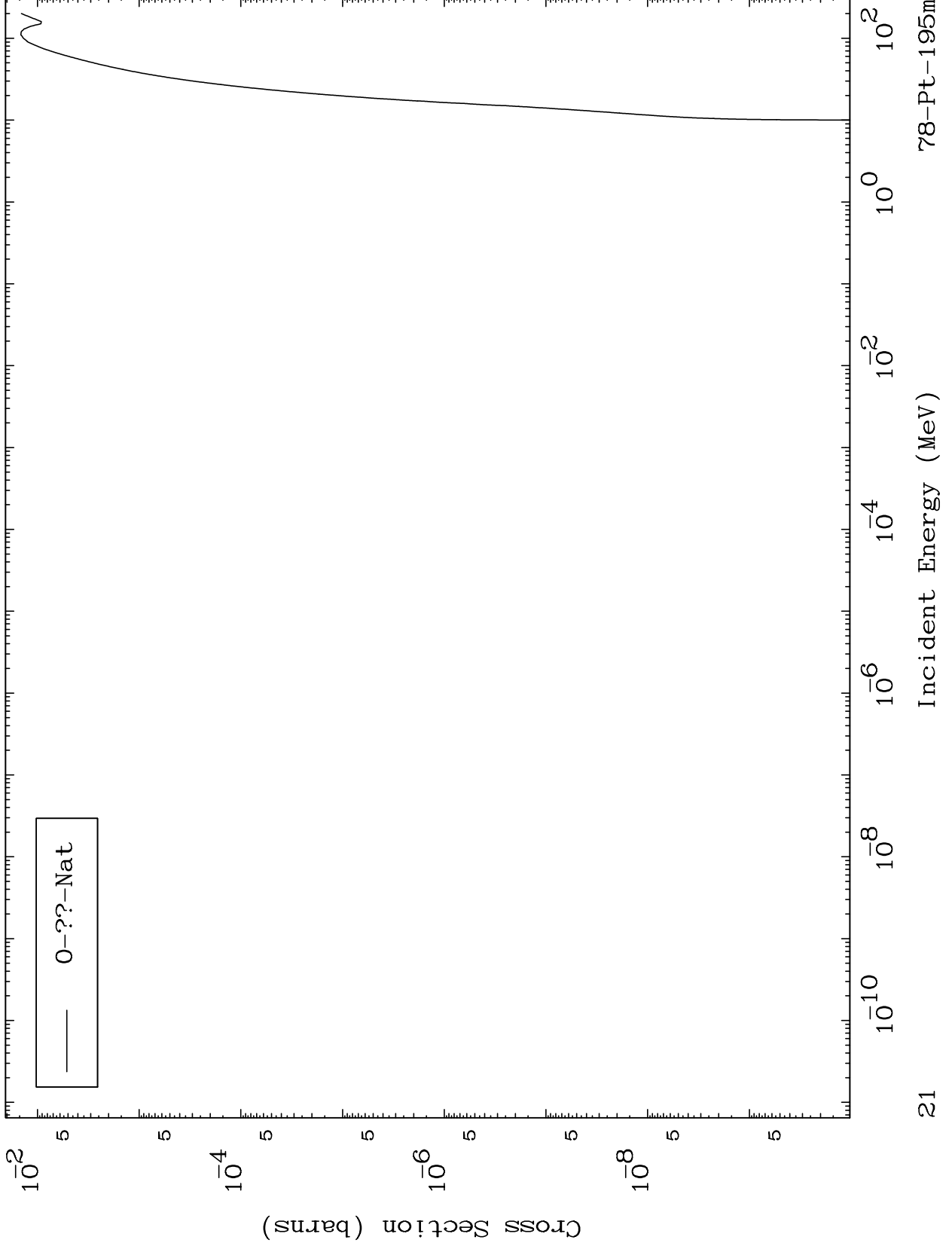
78-Pt-195m

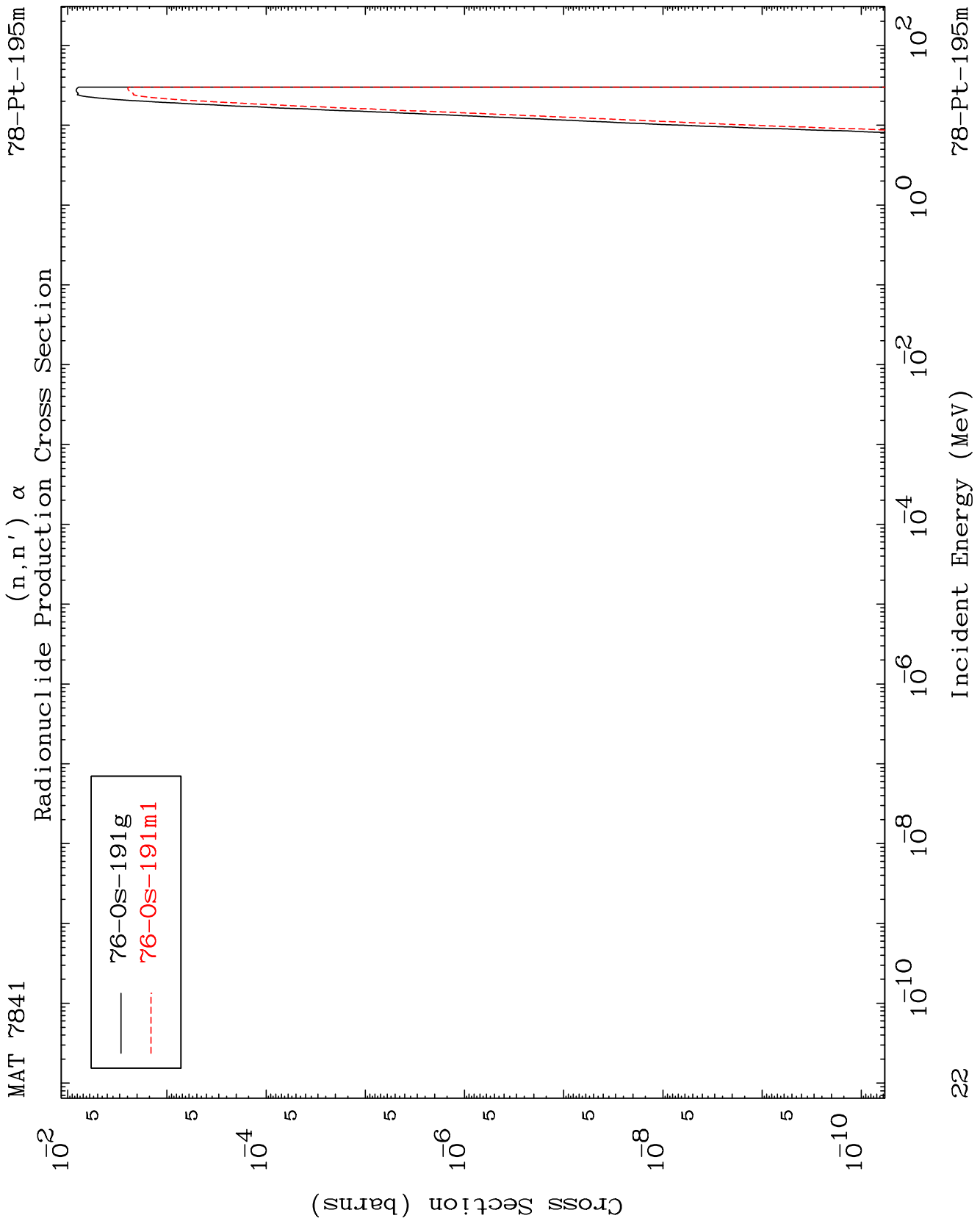
MAT 7841

Fission

78-Pt-195m

Radionuclide Production Cross Section



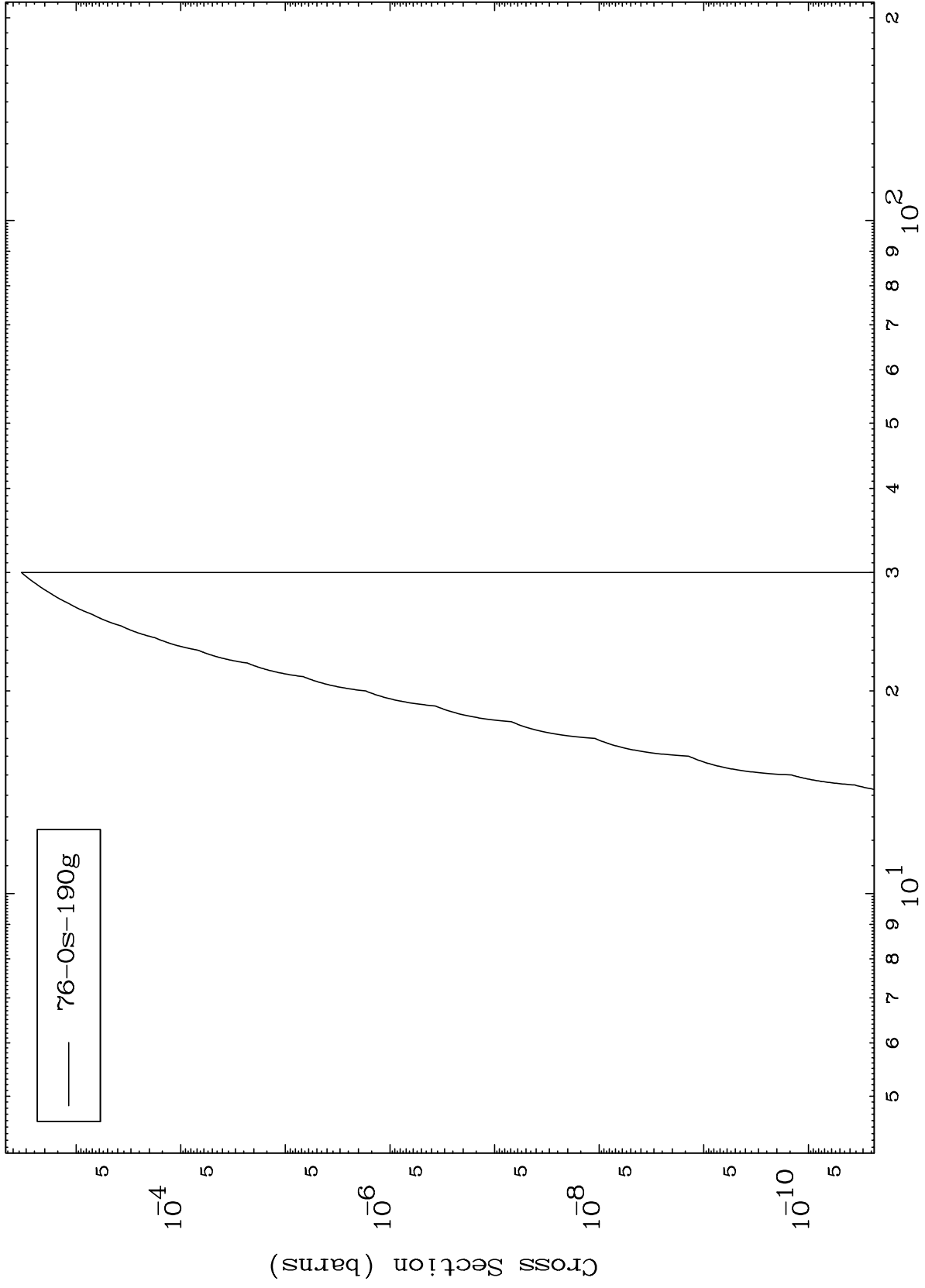


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(n,2n)  $\alpha$

78-Pt-195m

Radionuclide Production Cross Section



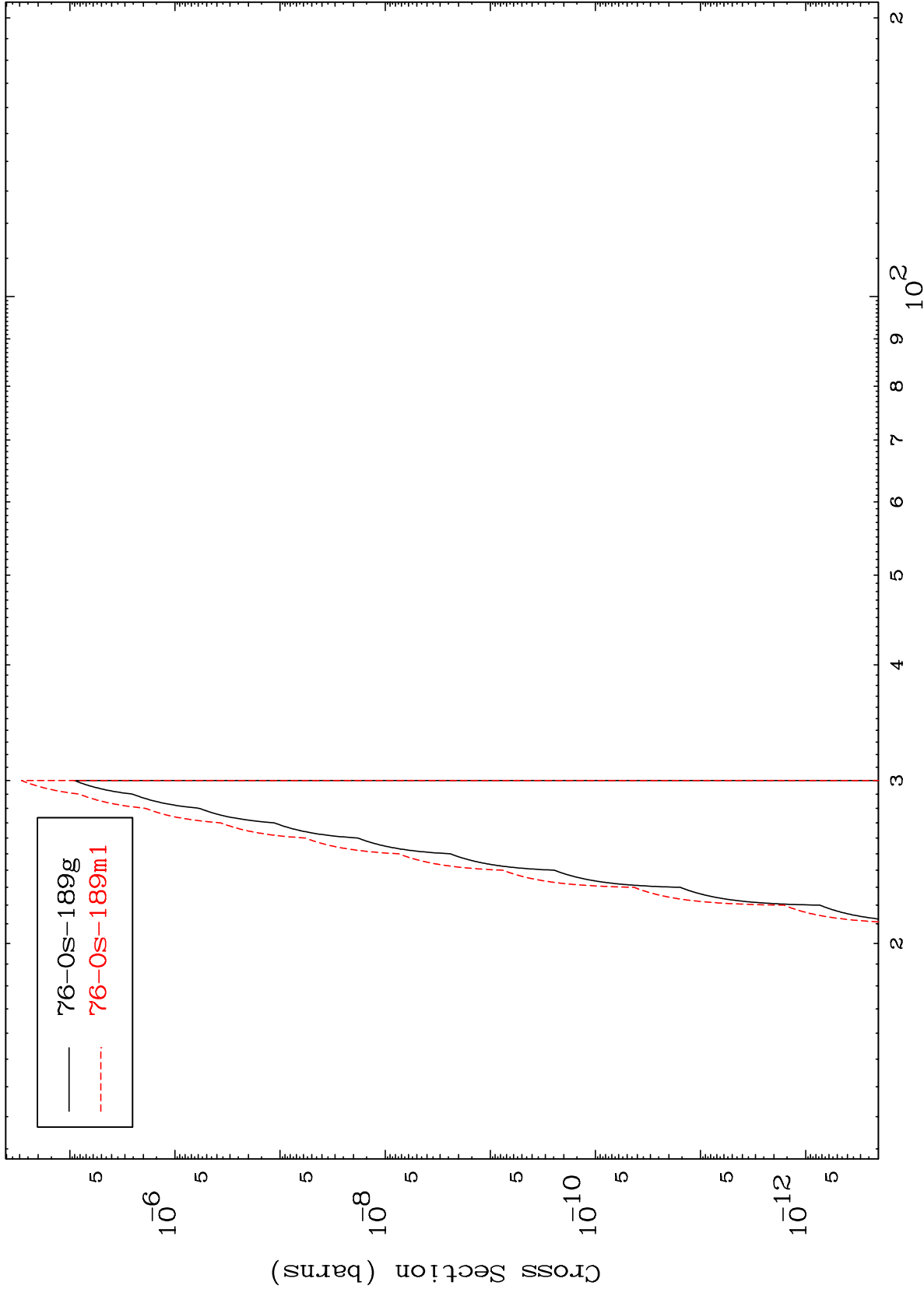


MAT 7841

$(n,3n) \alpha$

78-Pt-195m

Radionuclide Production Cross Section

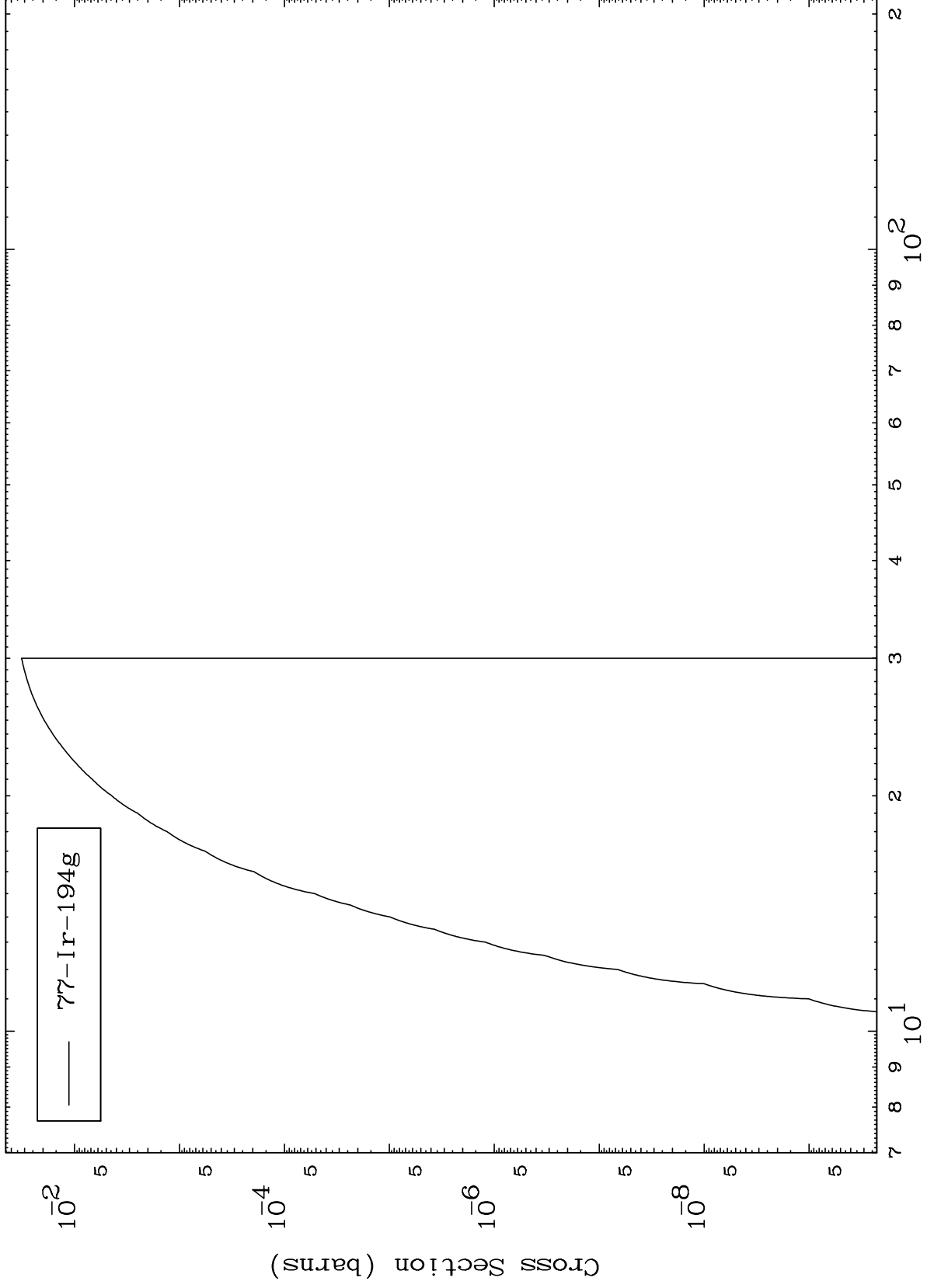


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(n,n') p

78-Pt-195m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

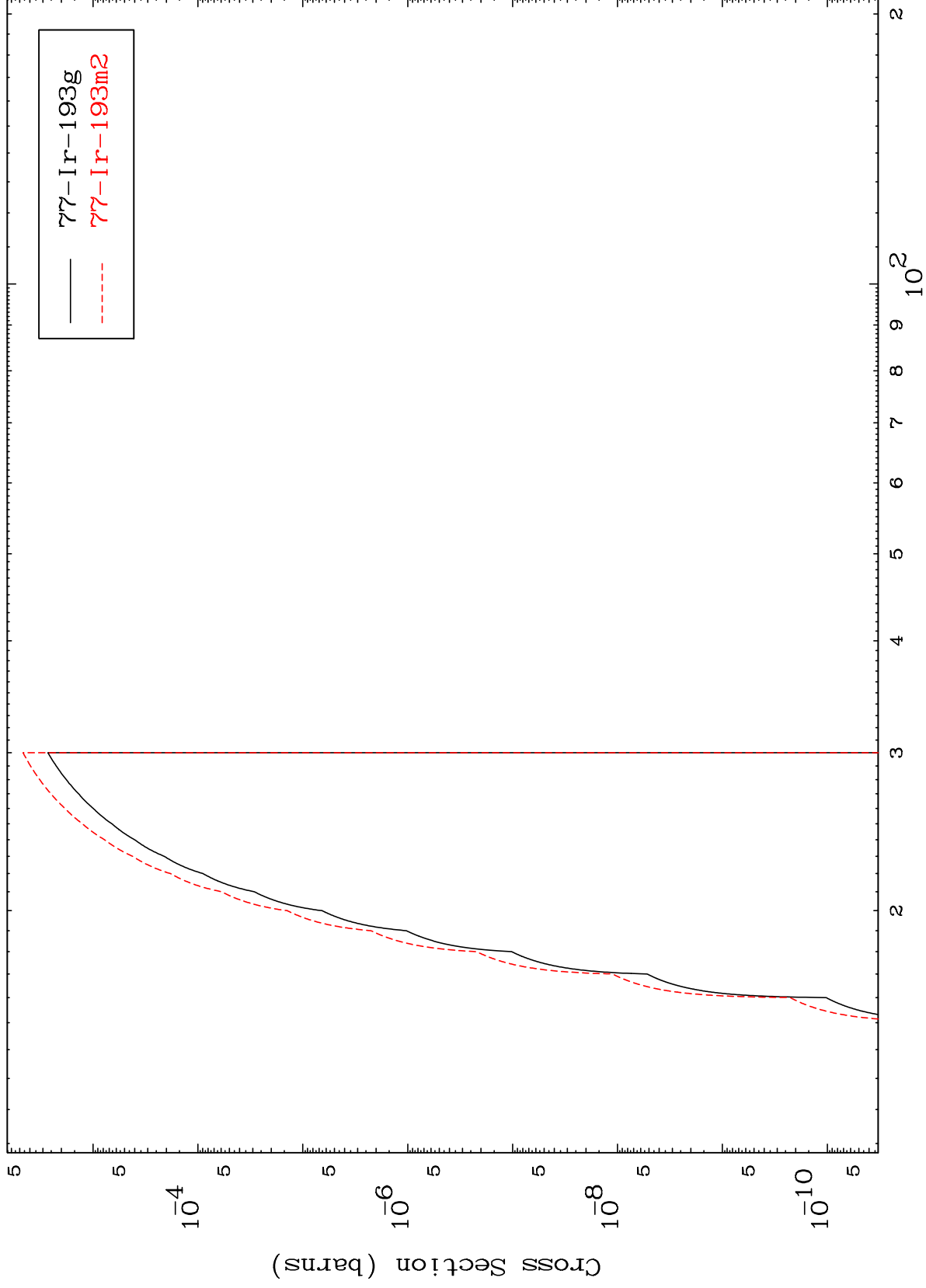
78-Pt-195m

MAT 7841

(n,n') d

78-Pt-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-195m

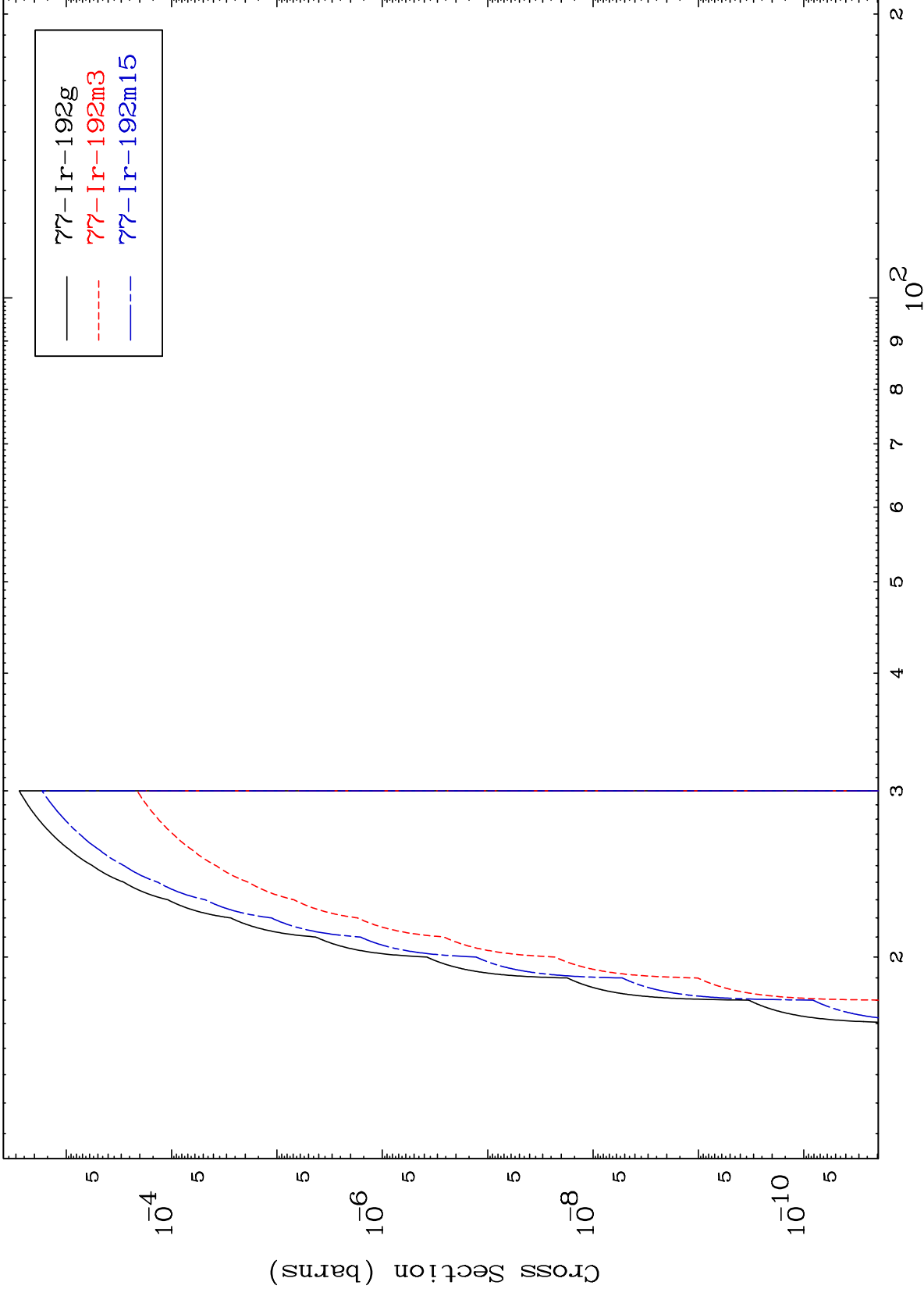
26

MAT 7841

(n,n') t

78-Pt-195m

Radionuclide Production Cross Section

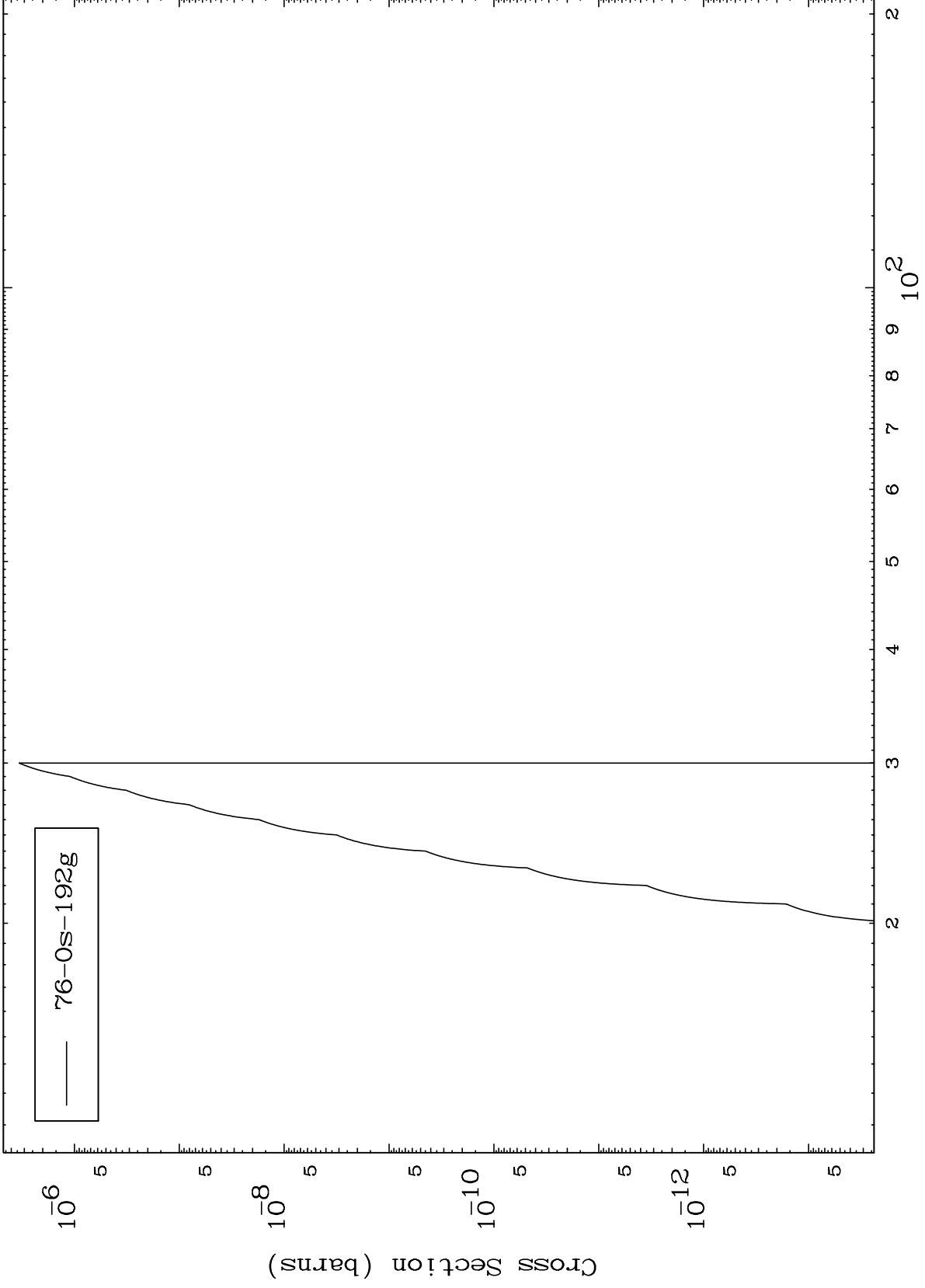


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(n,n') He-3

78-Pt-195m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

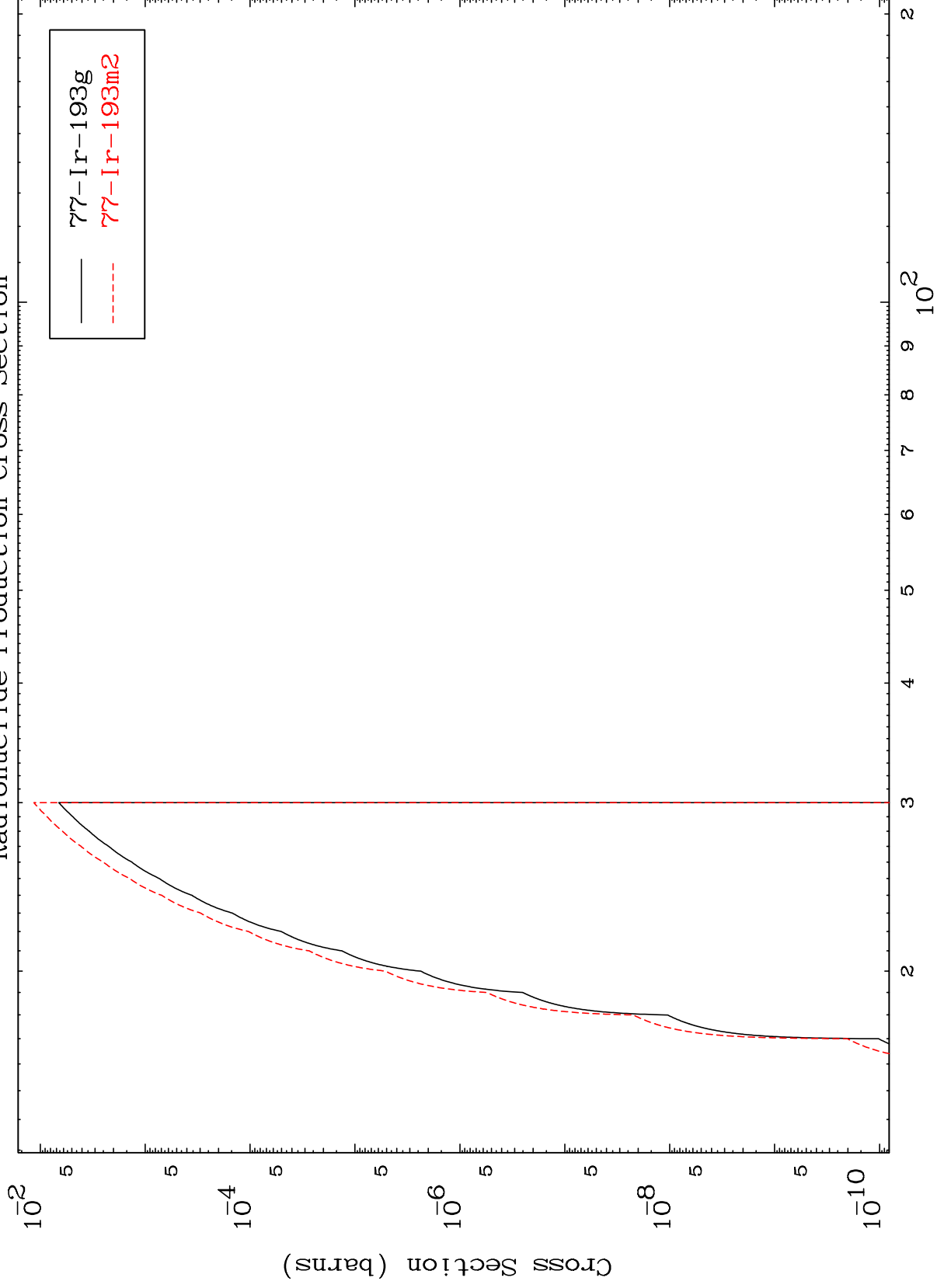
78-Pt-195m

MAT 7841

(n,2n) p

78-Pt-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-195m

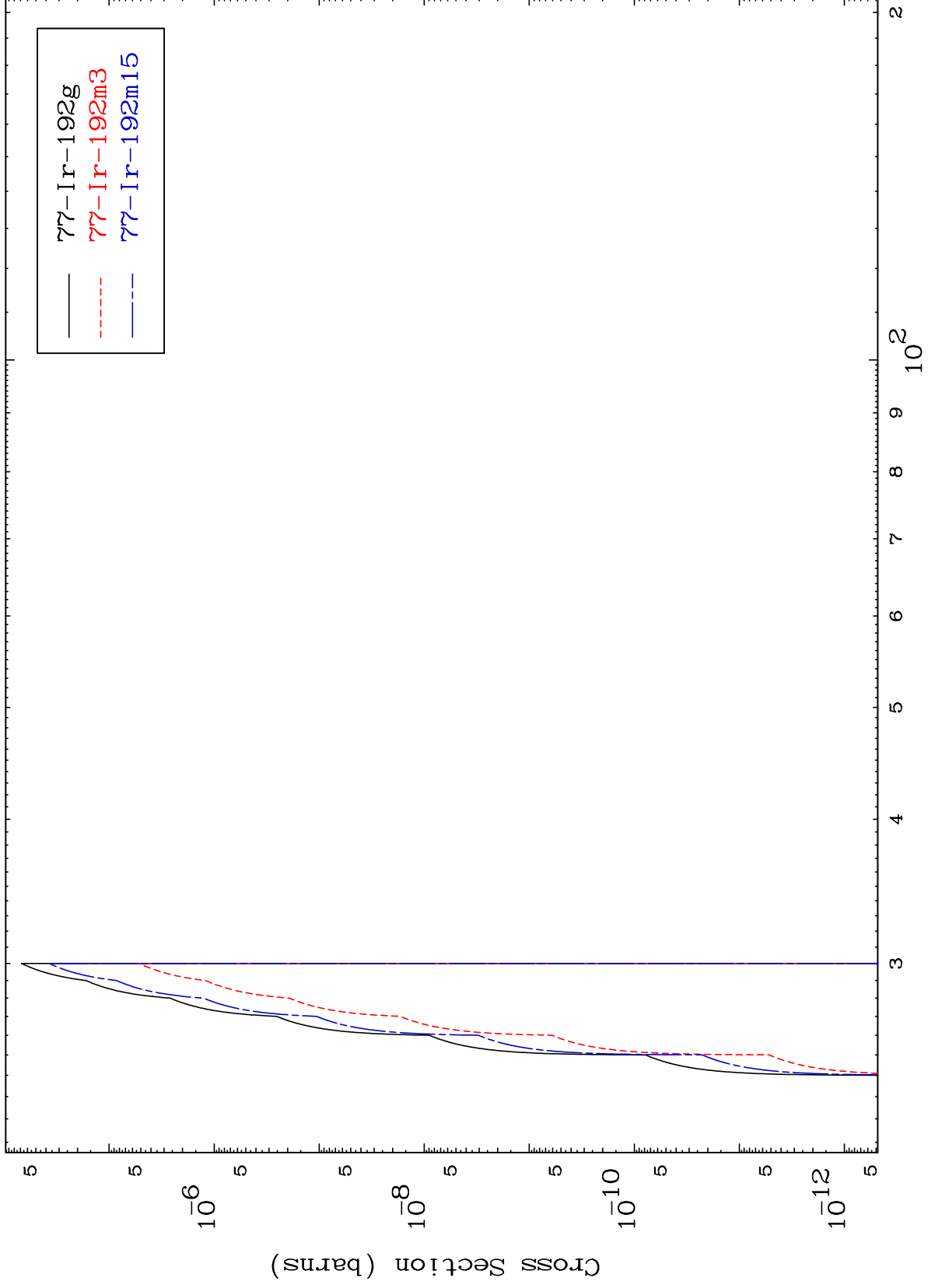
29

MAT 7841

(n,3n) p

78-Pt-195m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

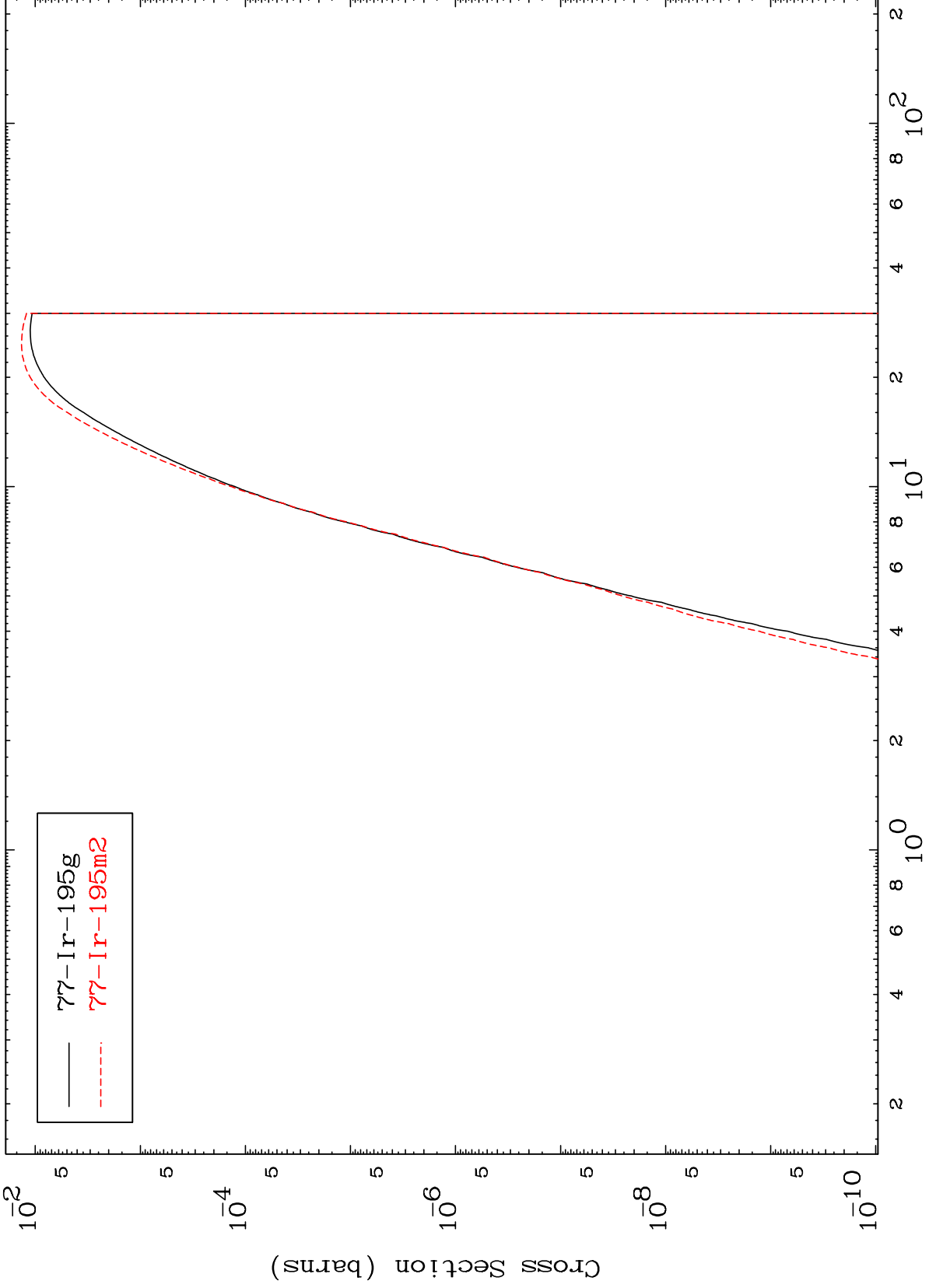
78-Pt-195m

MAT 7841

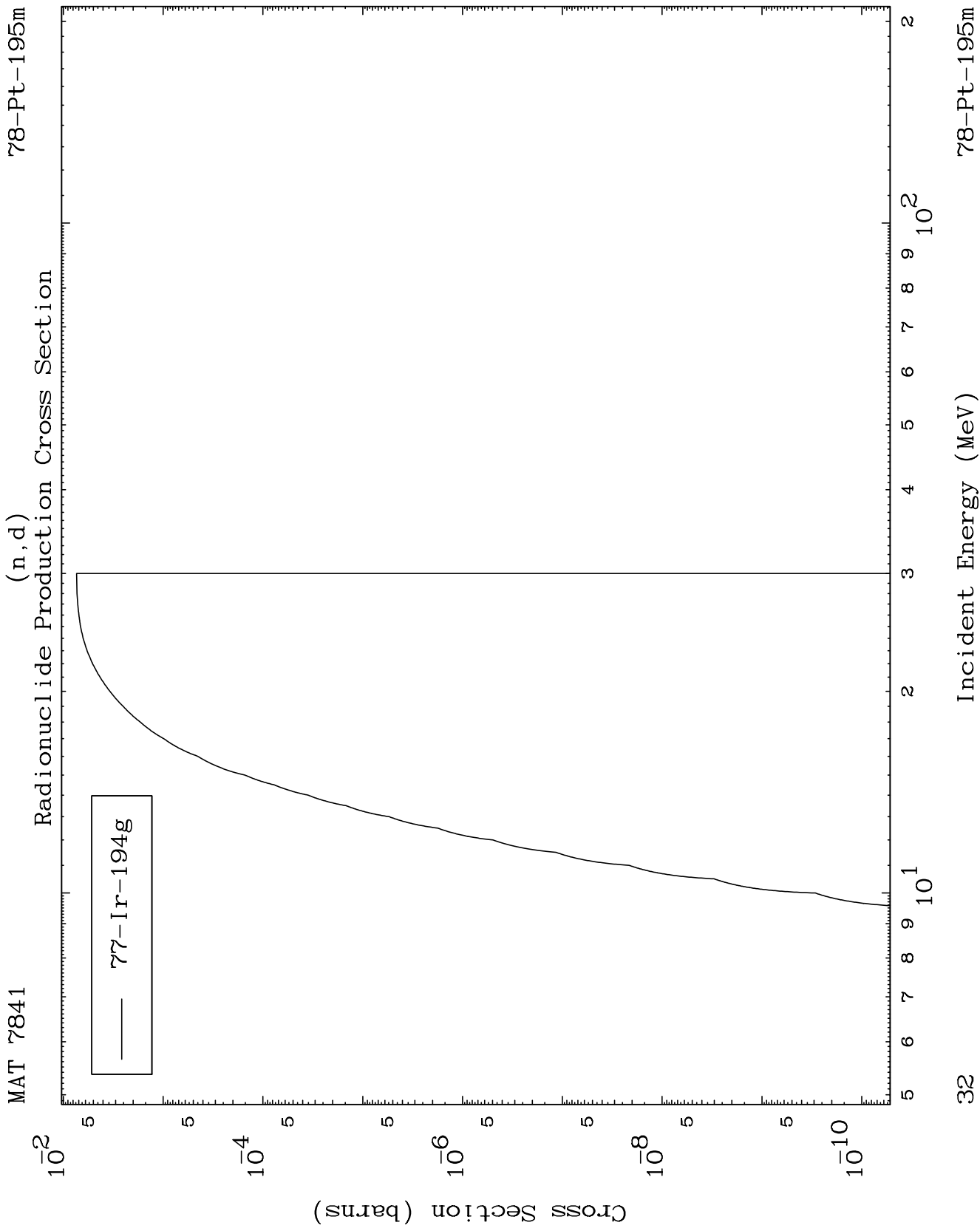
(n,p)

78-Pt-195m

Radionuclide Production Cross Section



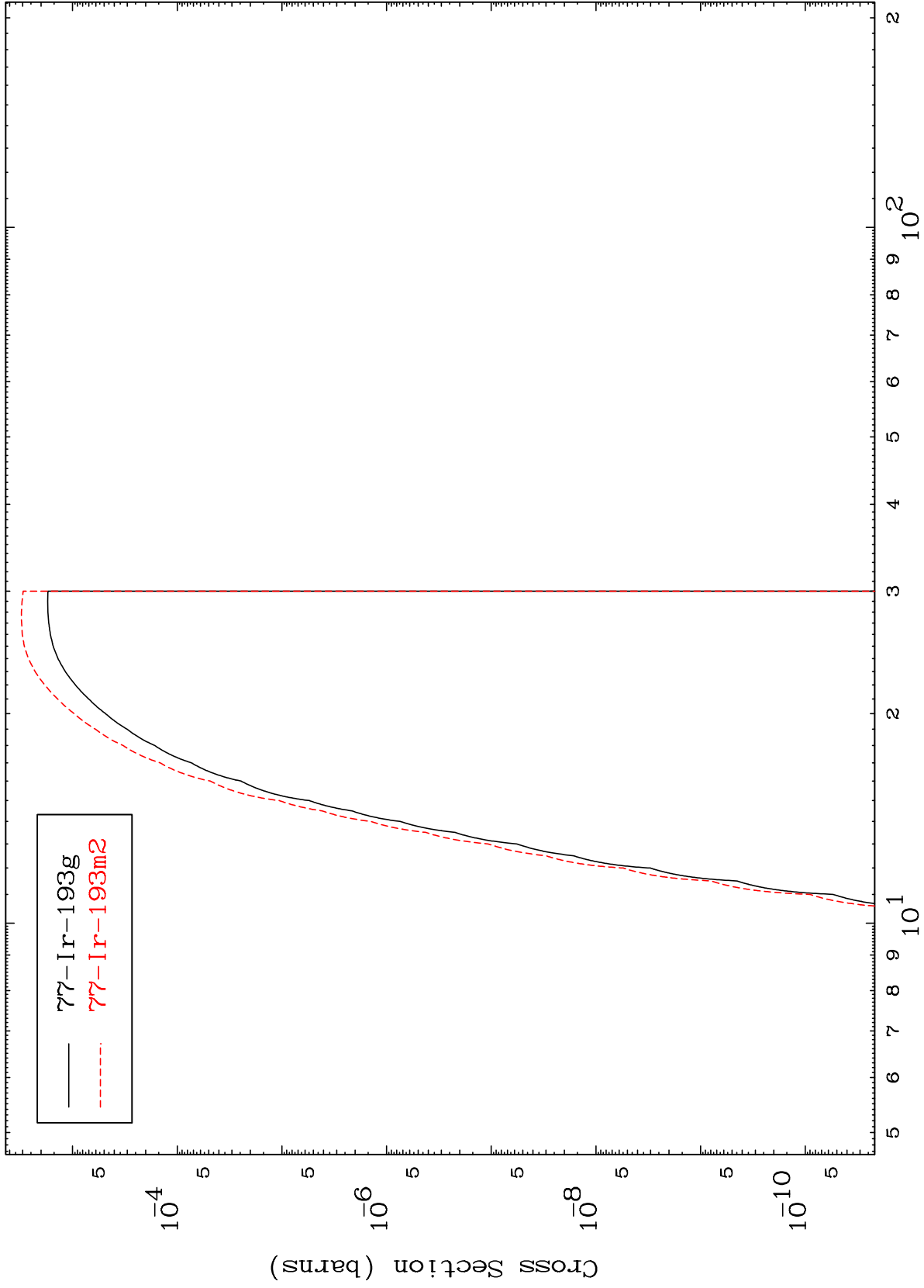




MAT 7841

78-Pt-195m

(n,t)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

78-Pt-195m

MAT 7841

(n,  $\alpha$ )

<sup>78</sup>Pt-195m

Radionuclide Production Cross Section

