

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

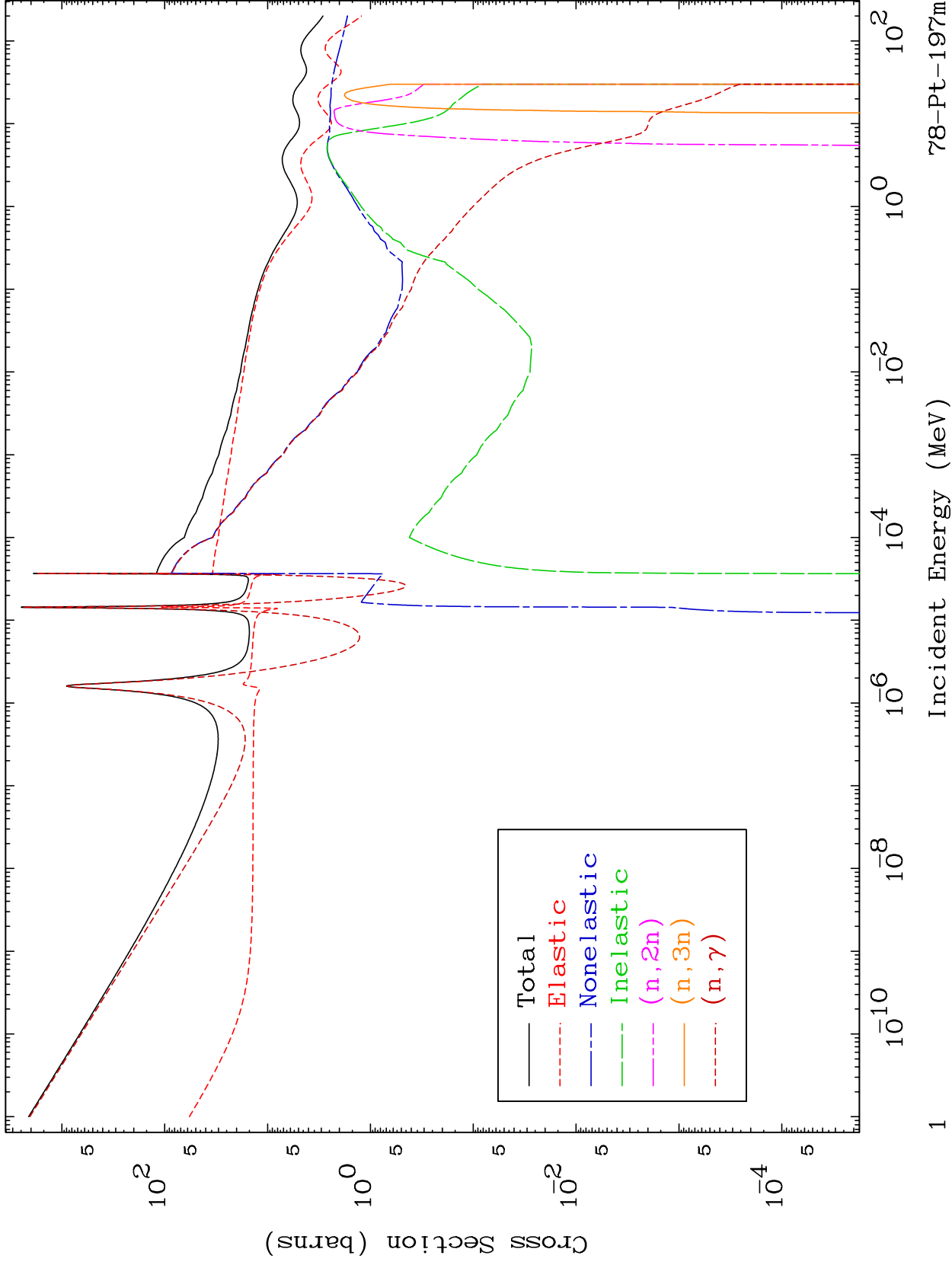
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7847

Neutron Major  
293 Kelvin Cross Sections

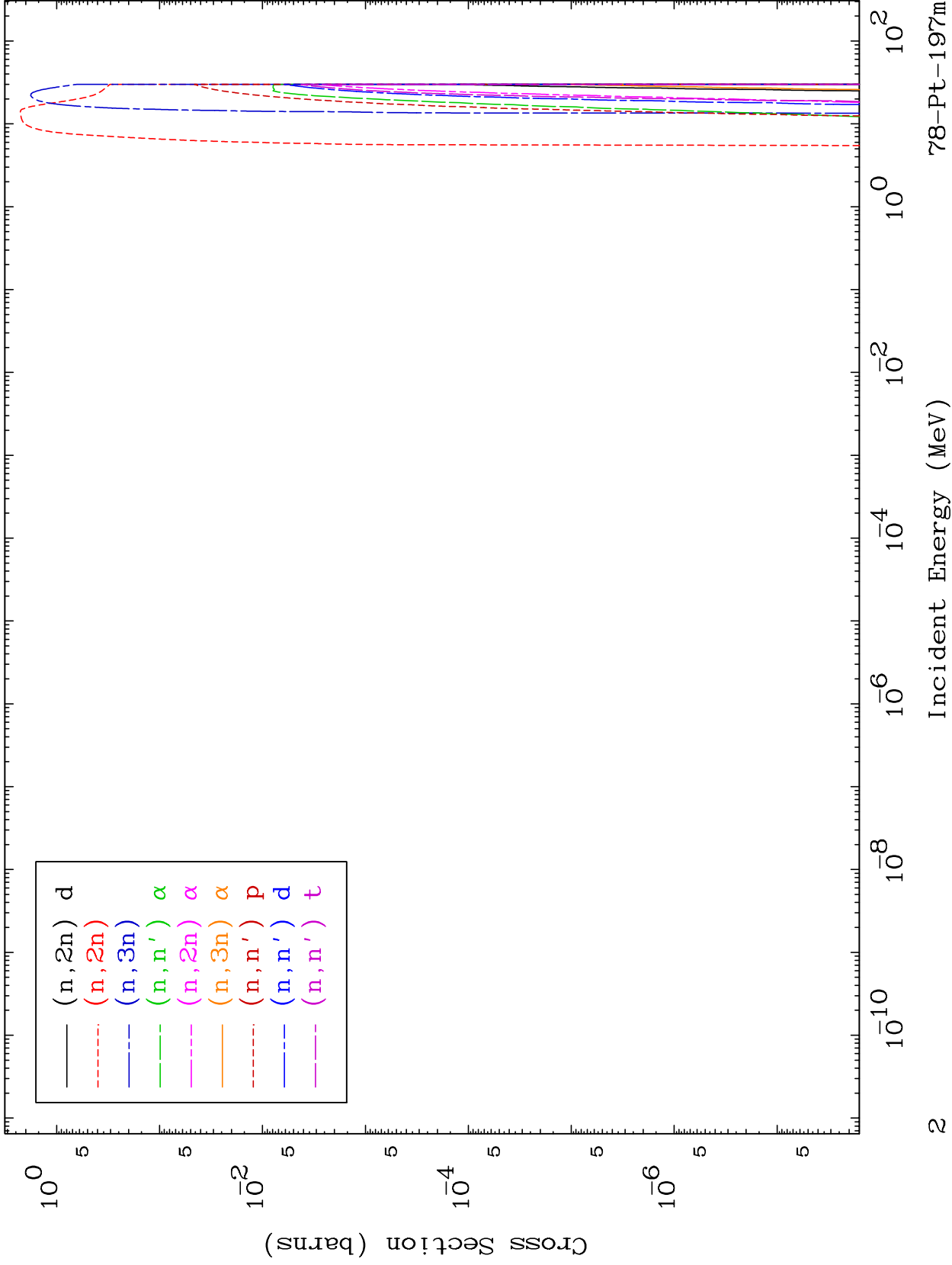
78-Pt-197m



MAT 7847

Neutron Absorption  
293 Kelvin Cross Sections

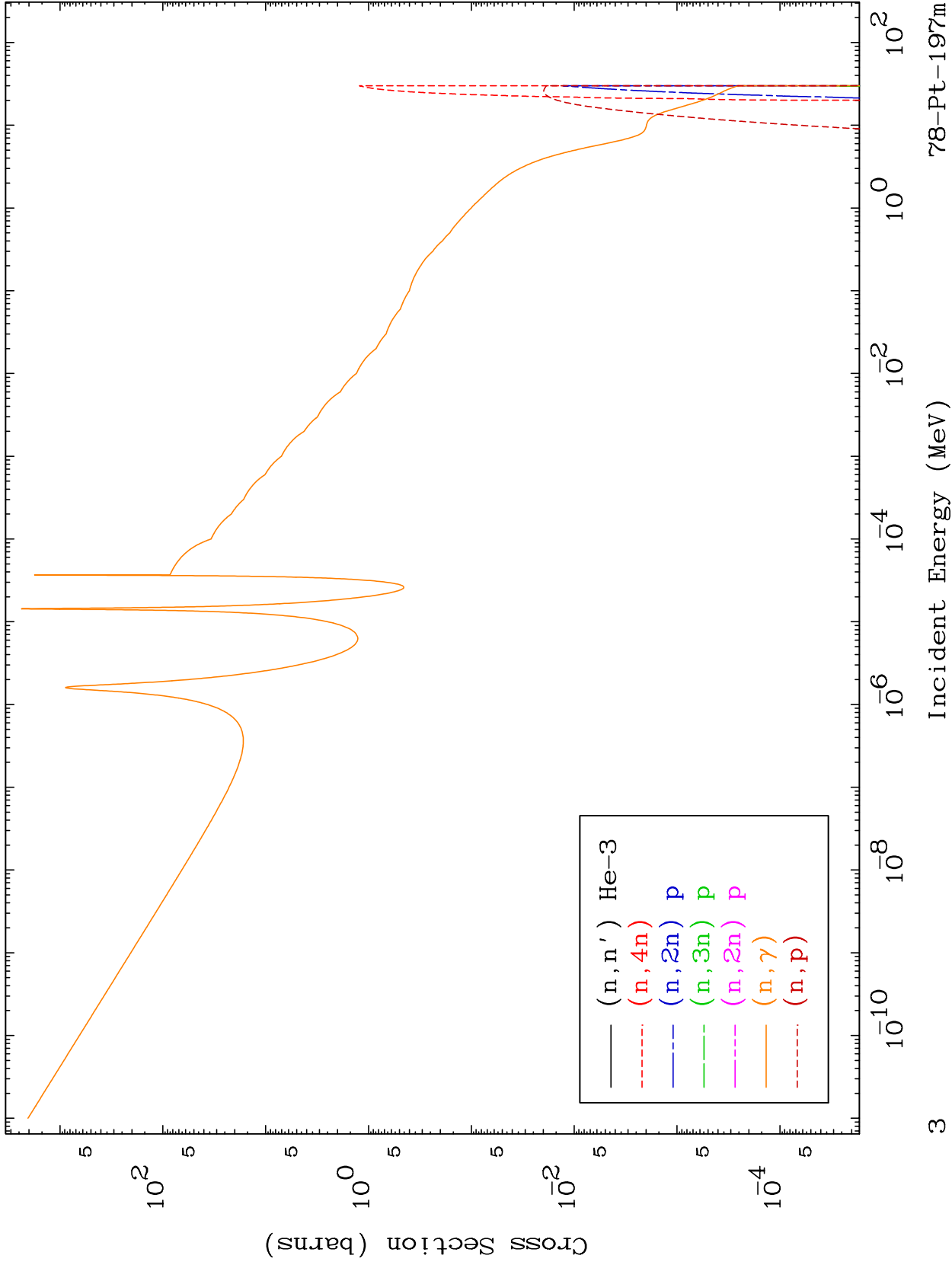
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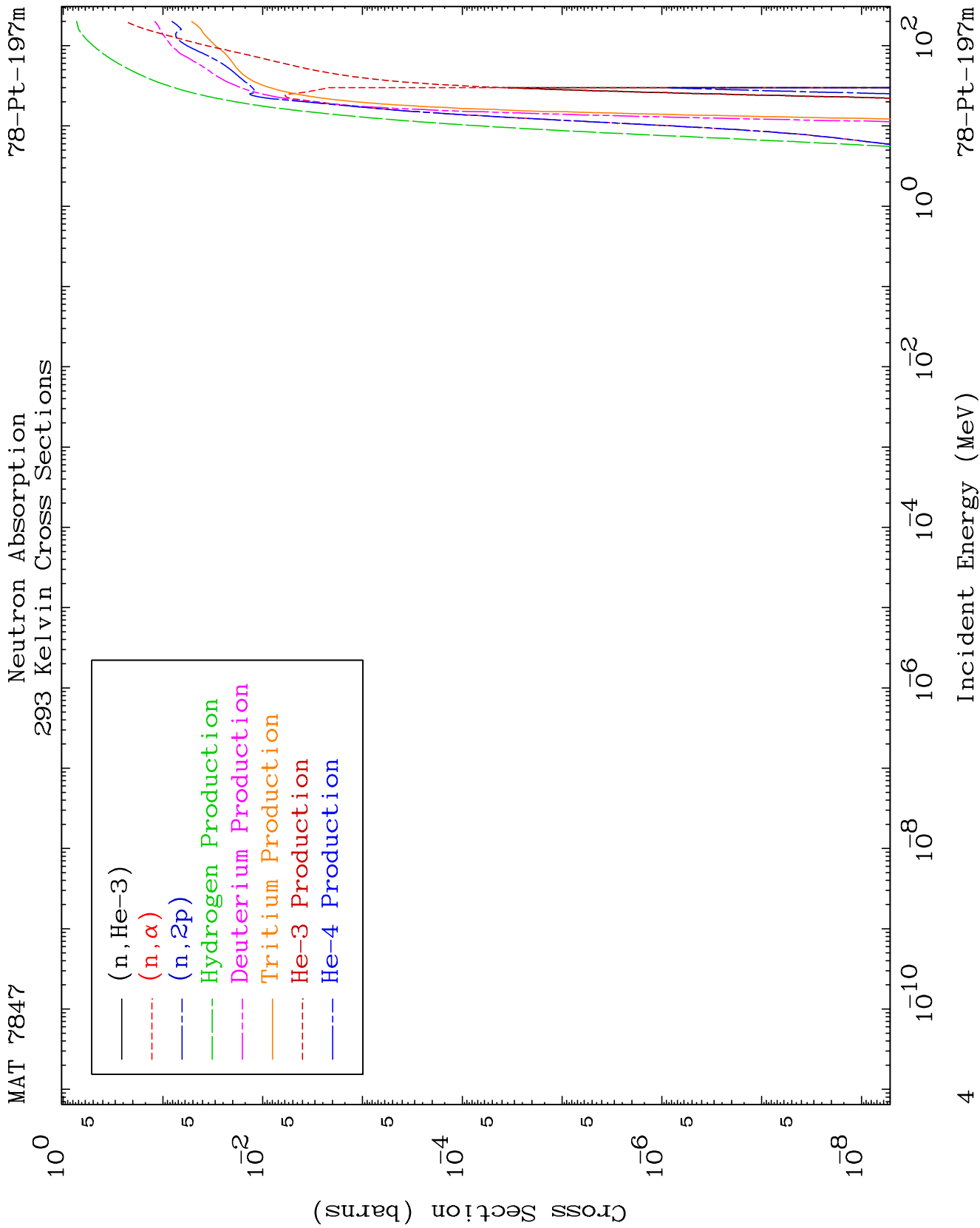


MAT 7847

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-197m

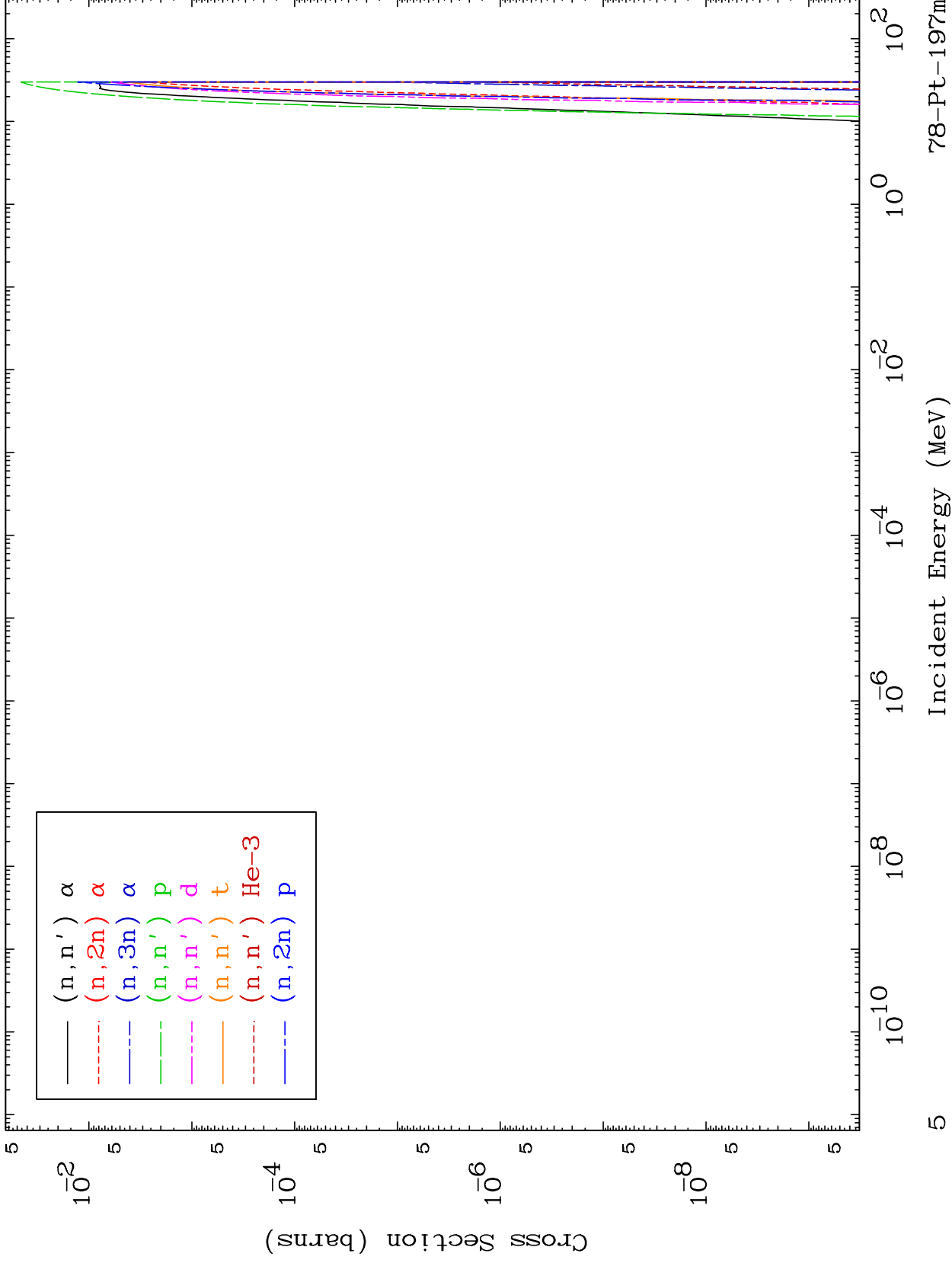




MAT 7847

Charged Particle  
293 Kelvin Cross Sections

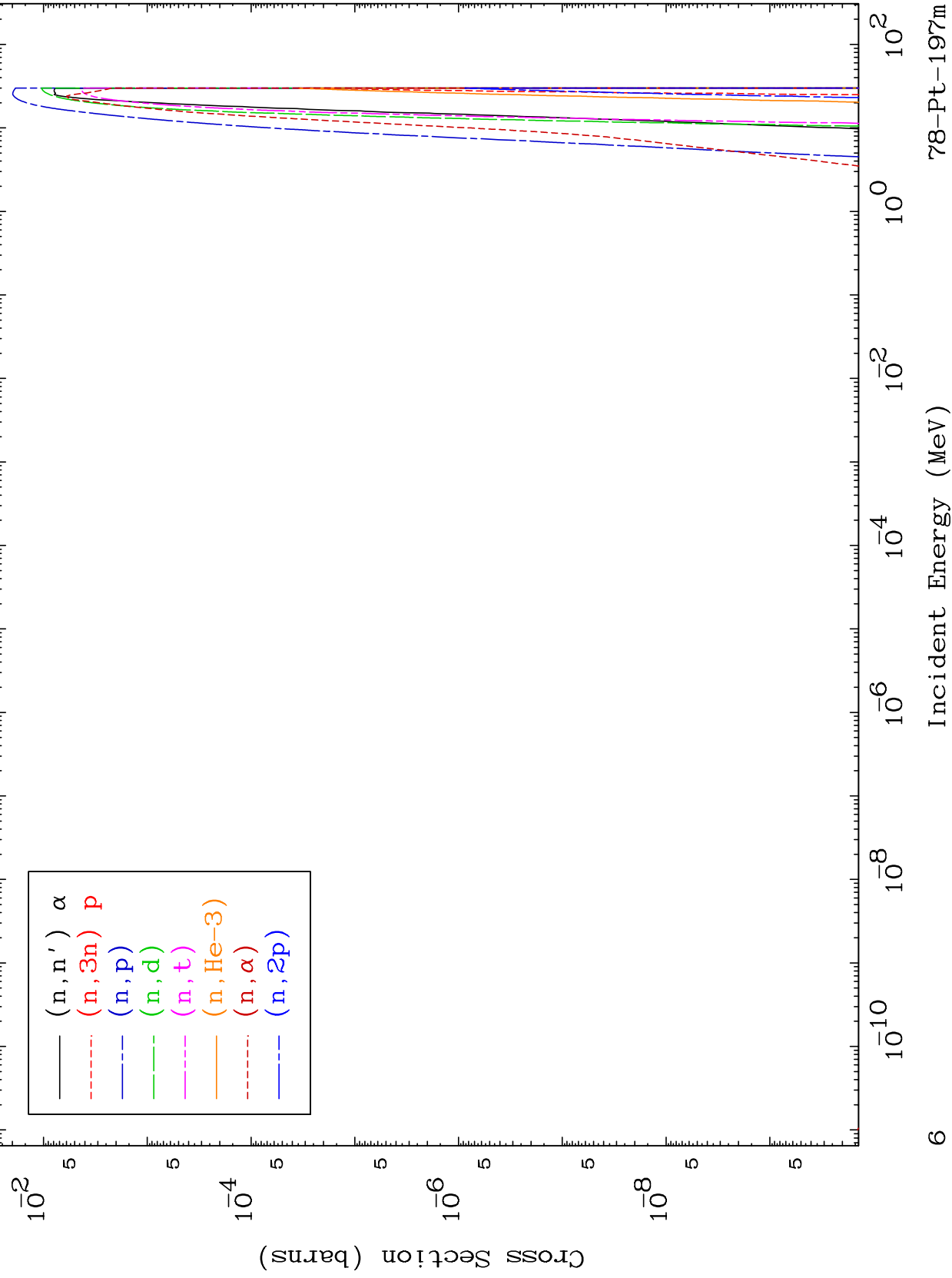
78-Pt-197m



MAT 7847

Charged Particle  
293 Kelvin Cross Sections

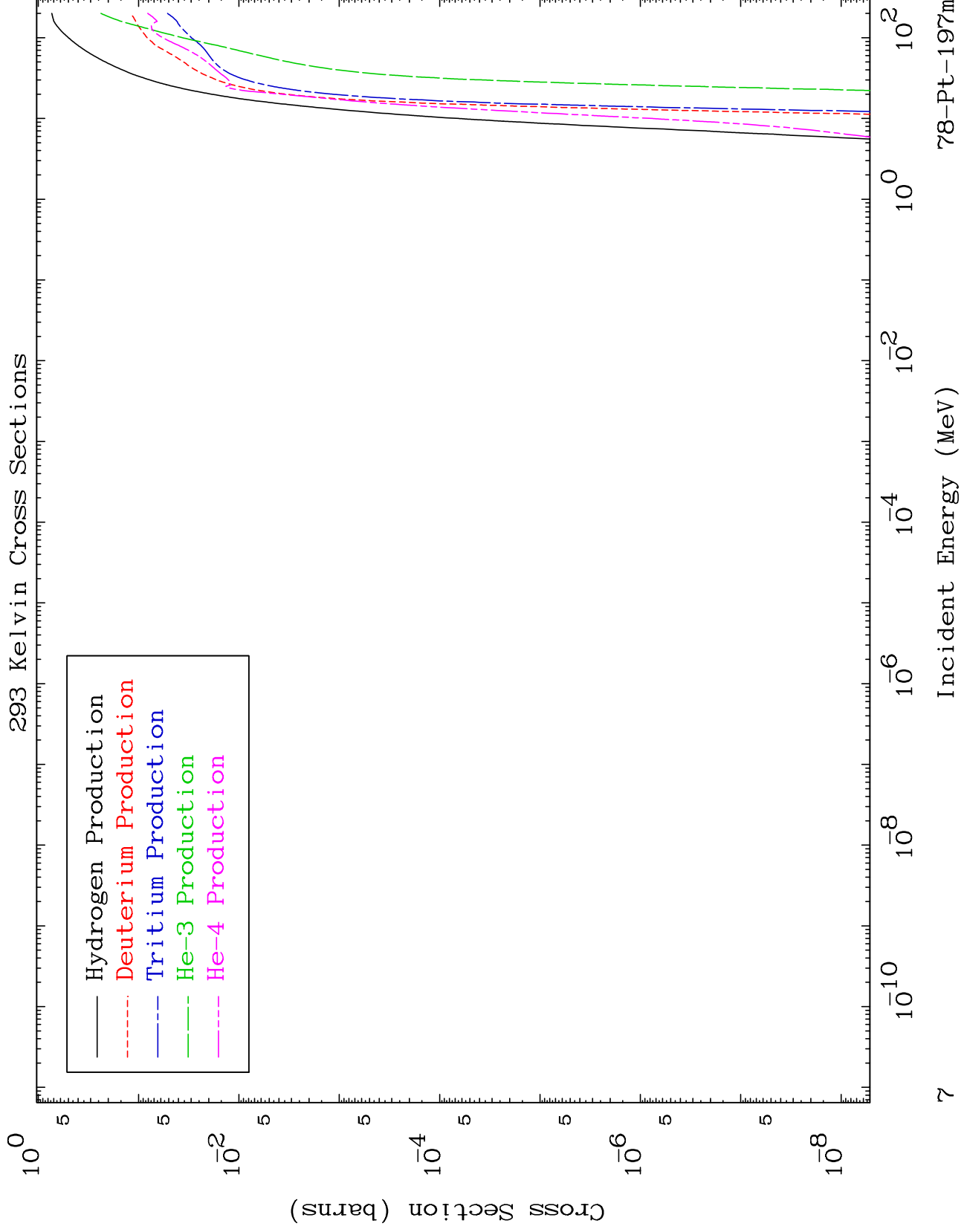
78-Pt-197m



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Particle Production  
293 Kelvin Cross Sections

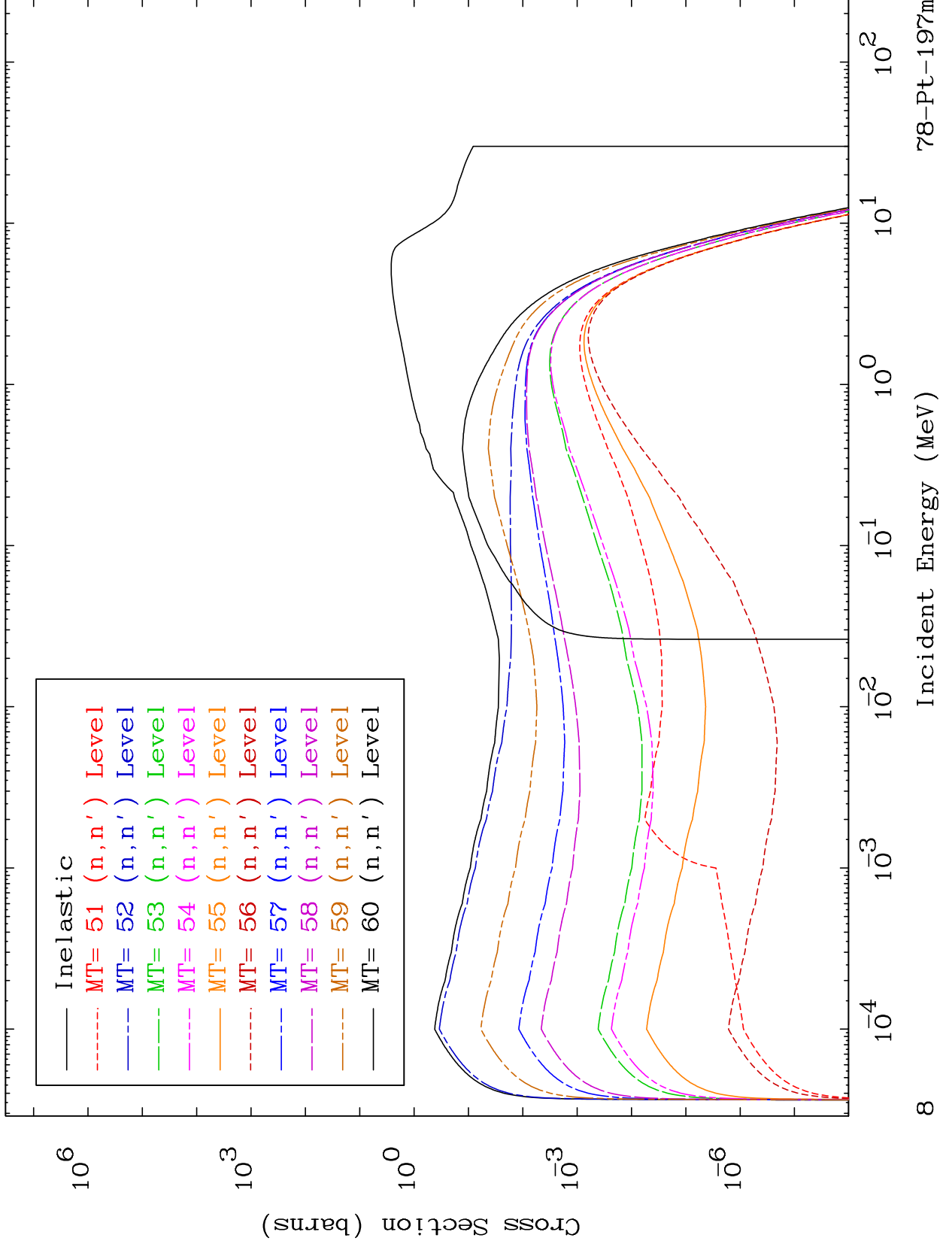
78-Pt-197m



MAT 7847

(n,n') Levels  
293 Kelvin Cross Sections

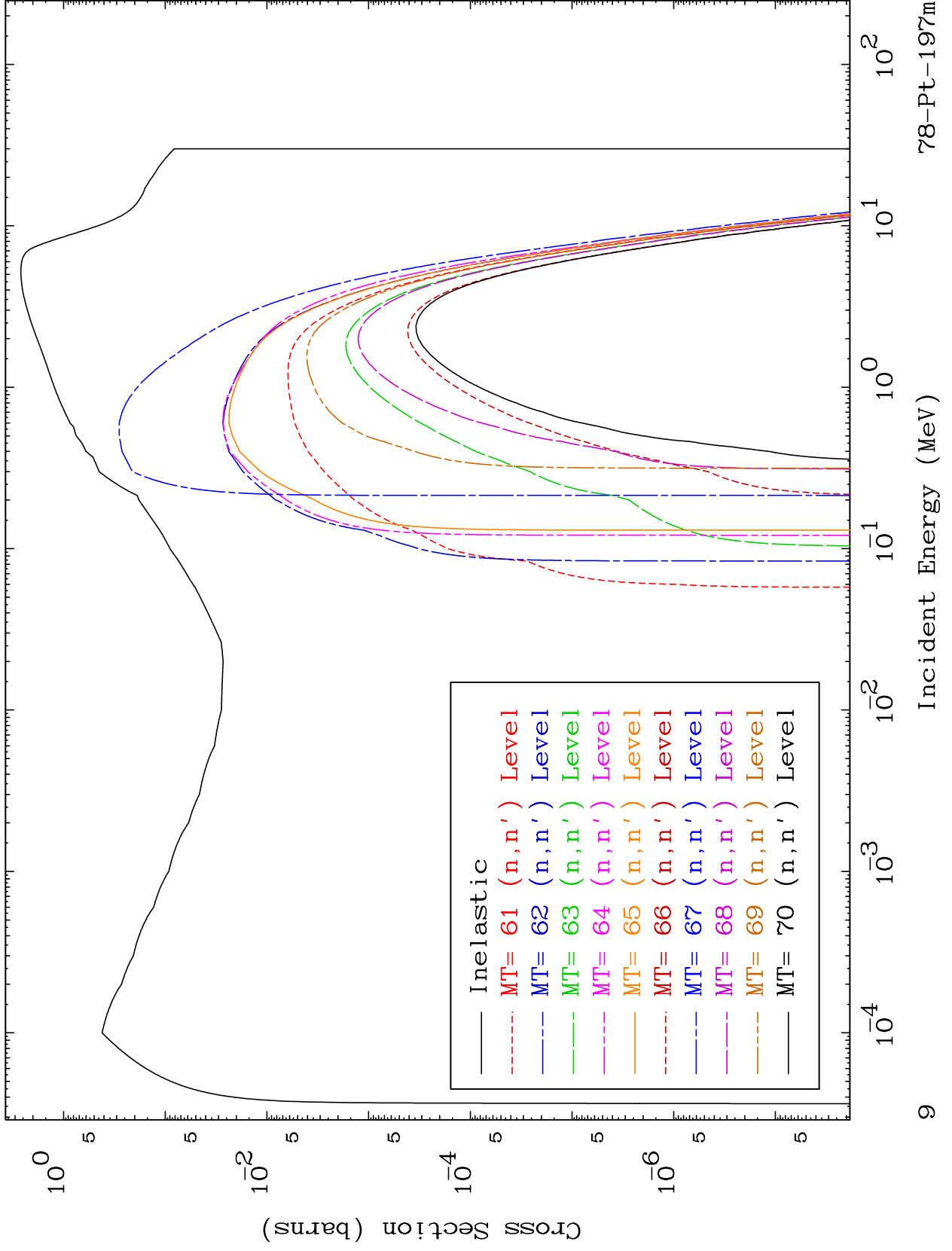
78-Pt-197m



MAT 7847

293 Kelvin Cross Sections  
(n,n') Levels

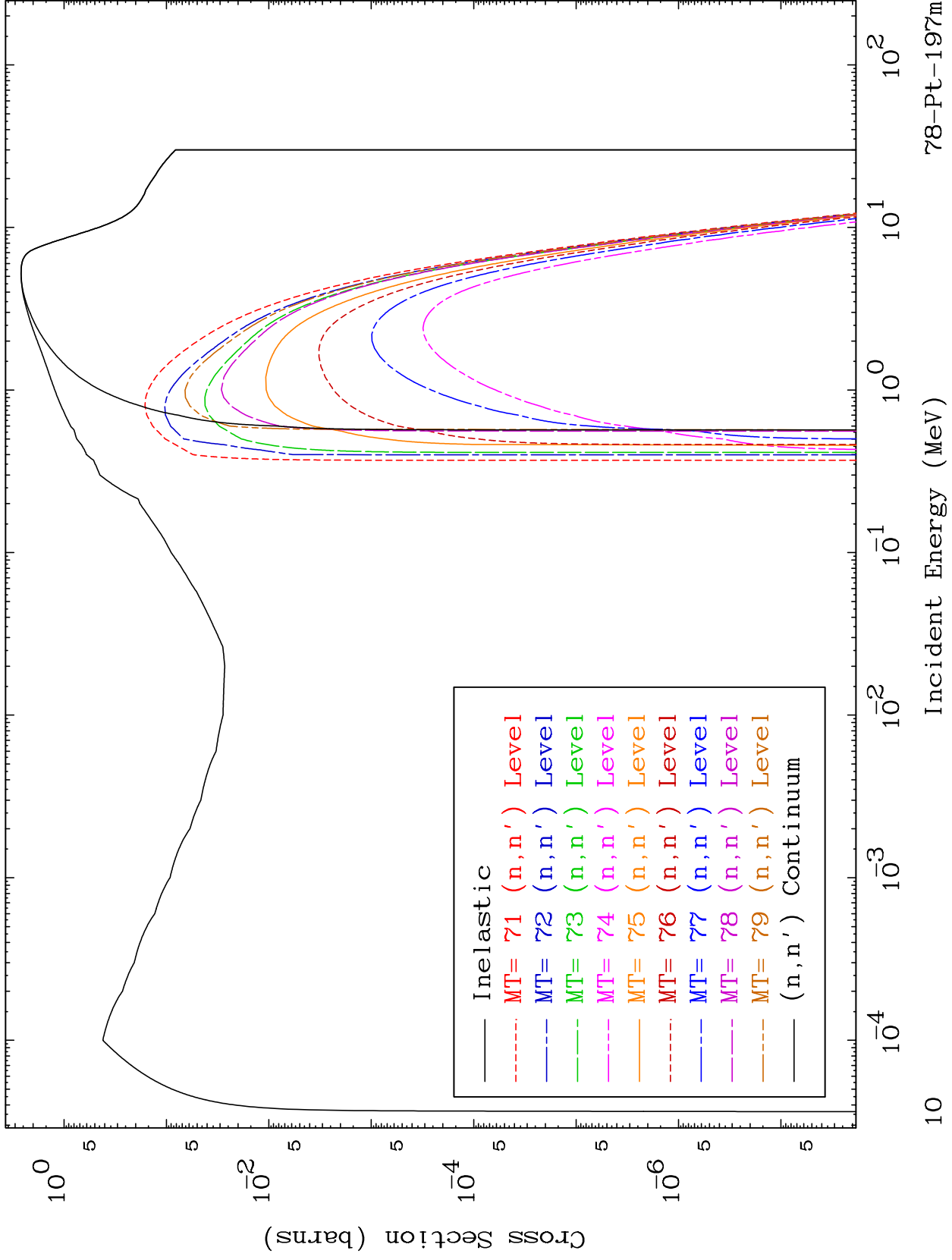
78-Pt-197m



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(n,n') Levels  
293 Kelvin Cross Sections

78-Pt-197m



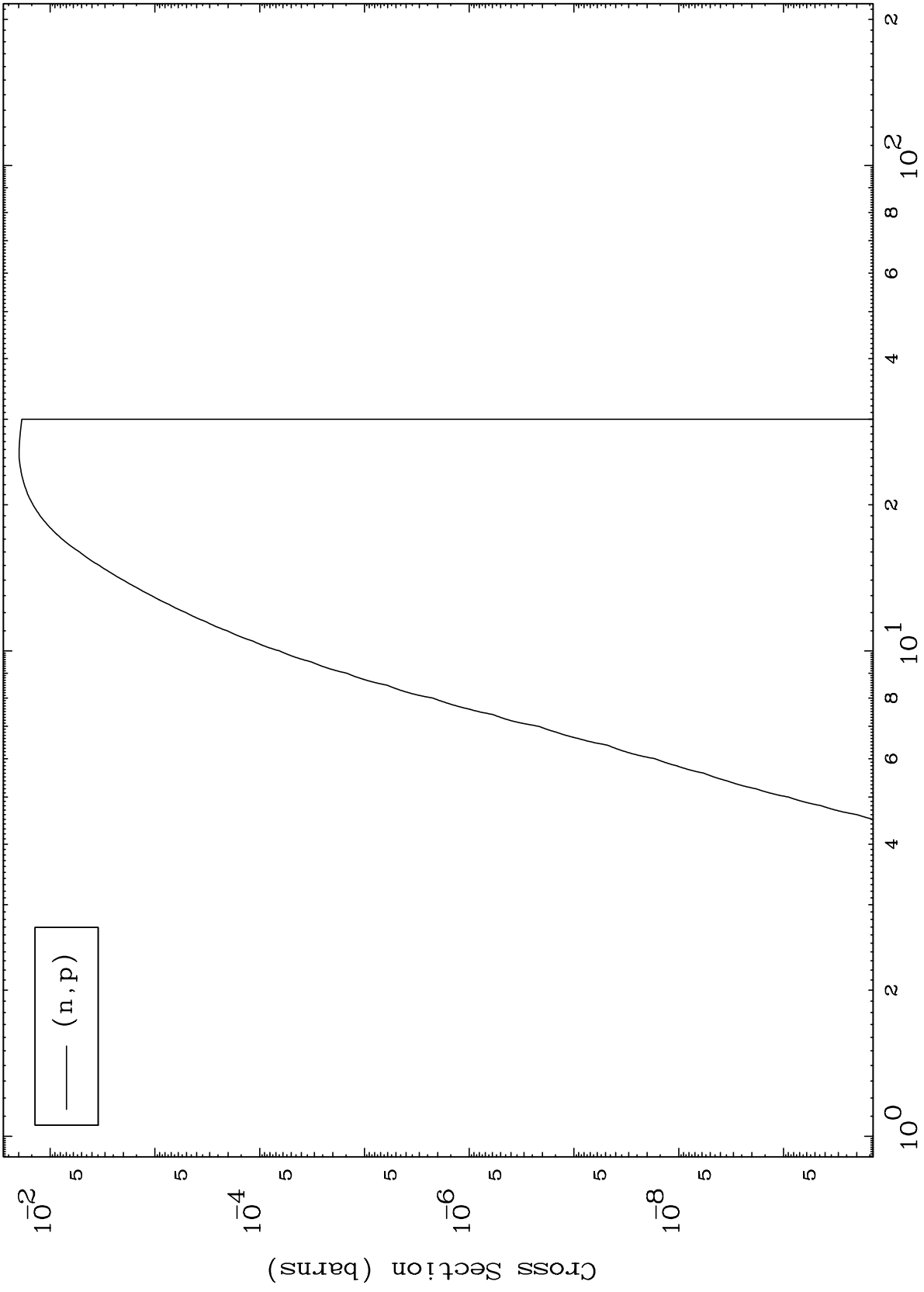
10

10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>

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(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-197m



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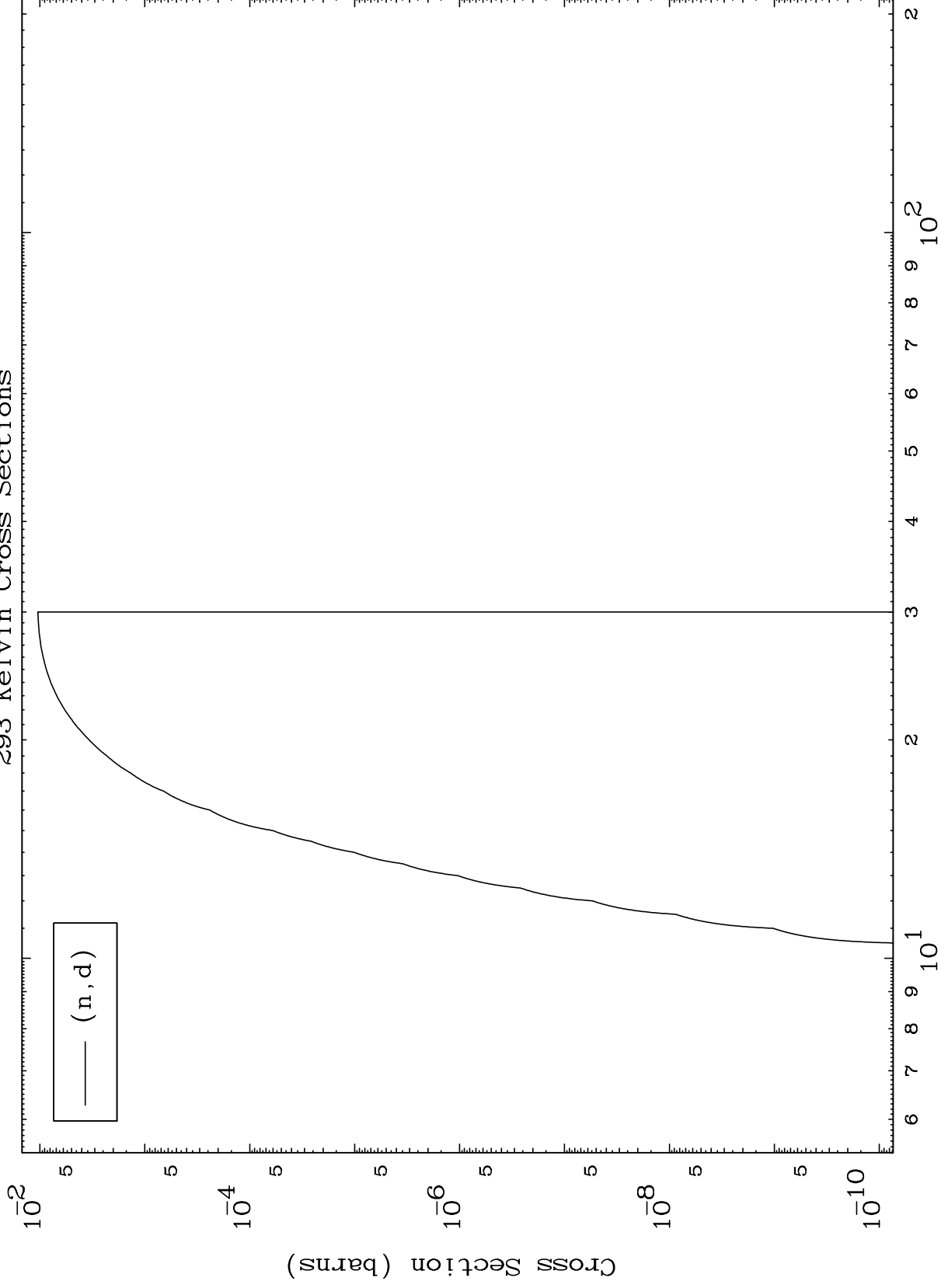
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-197m



12

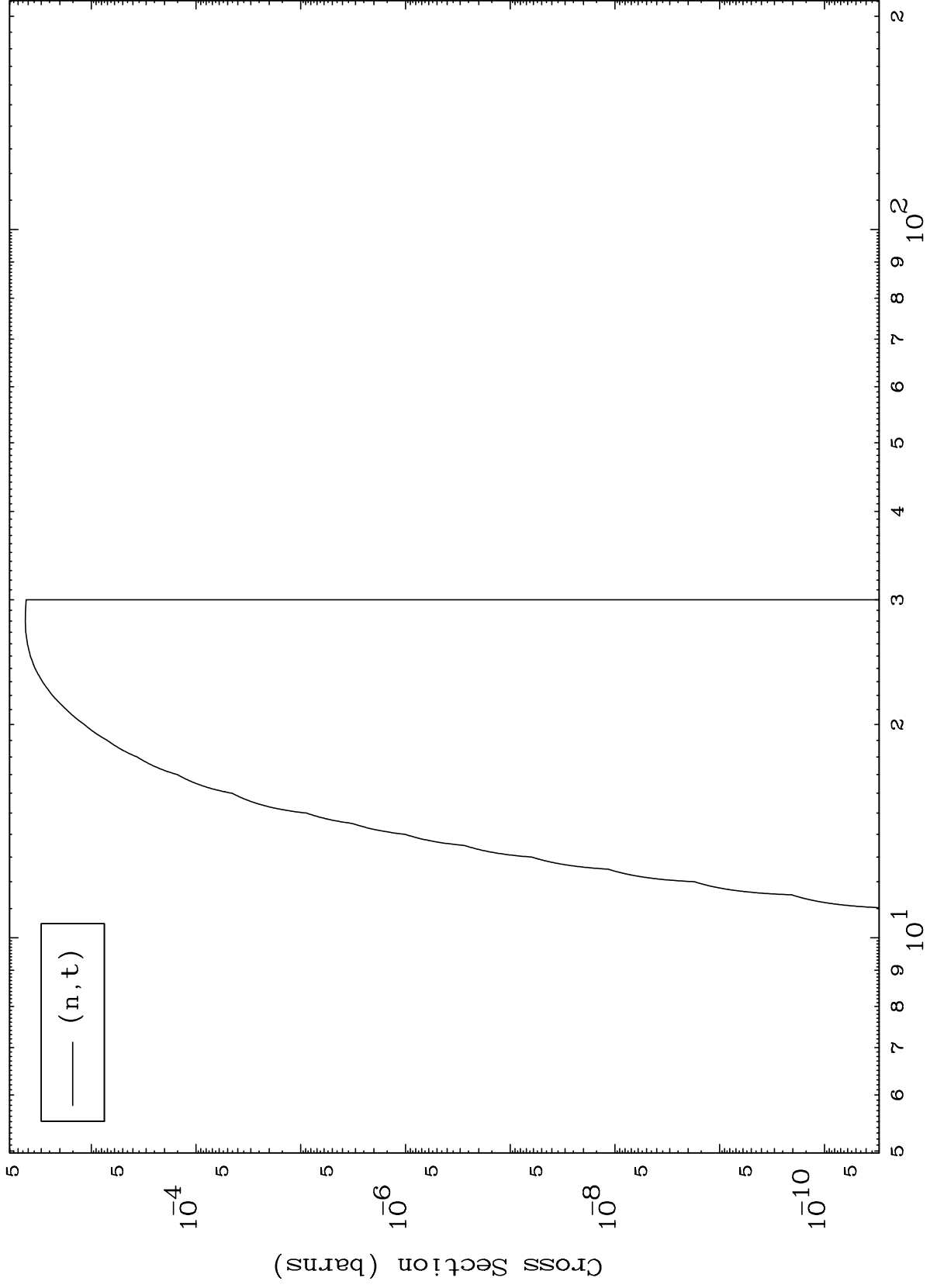
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-197m



13

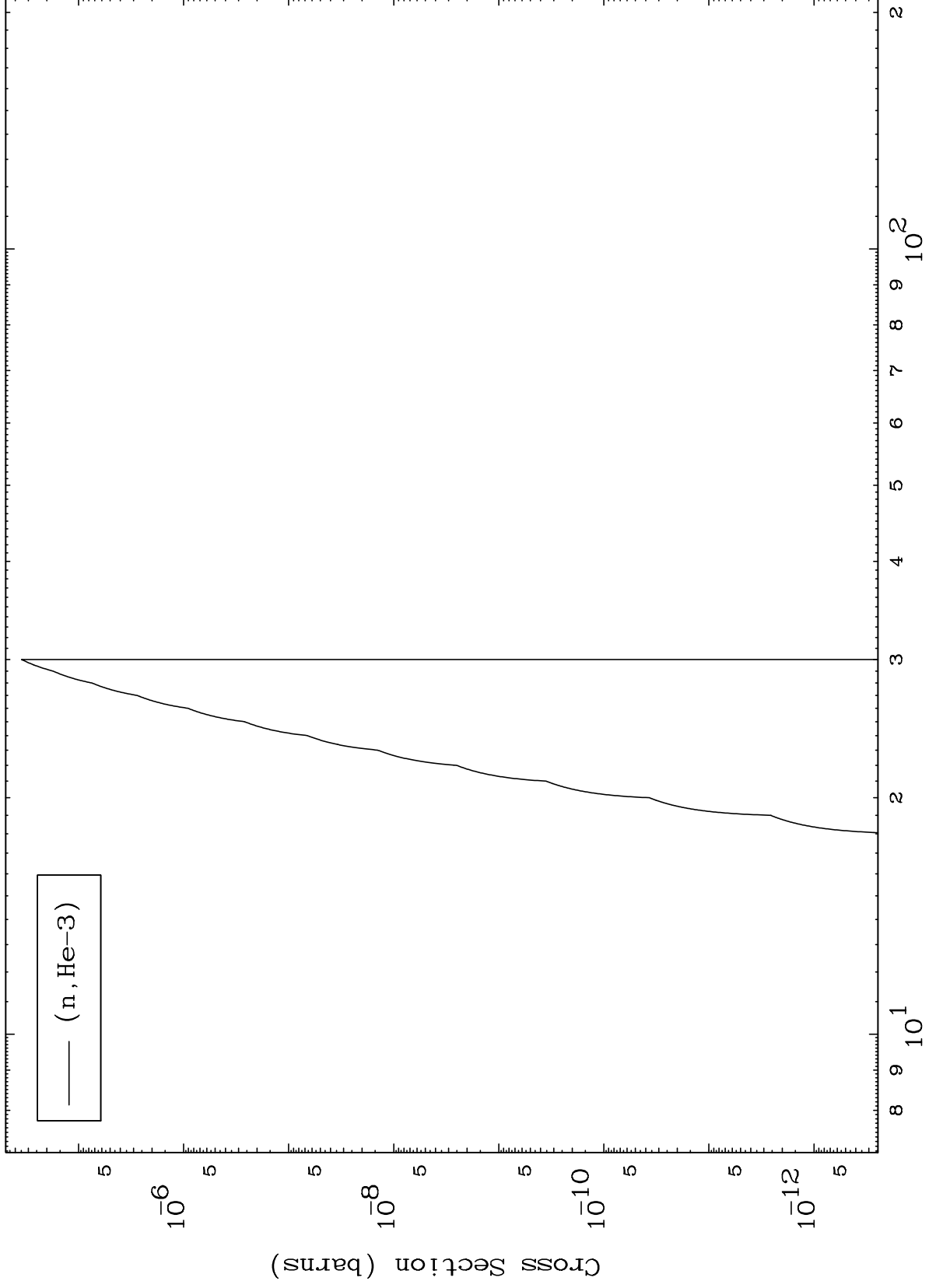
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-197m



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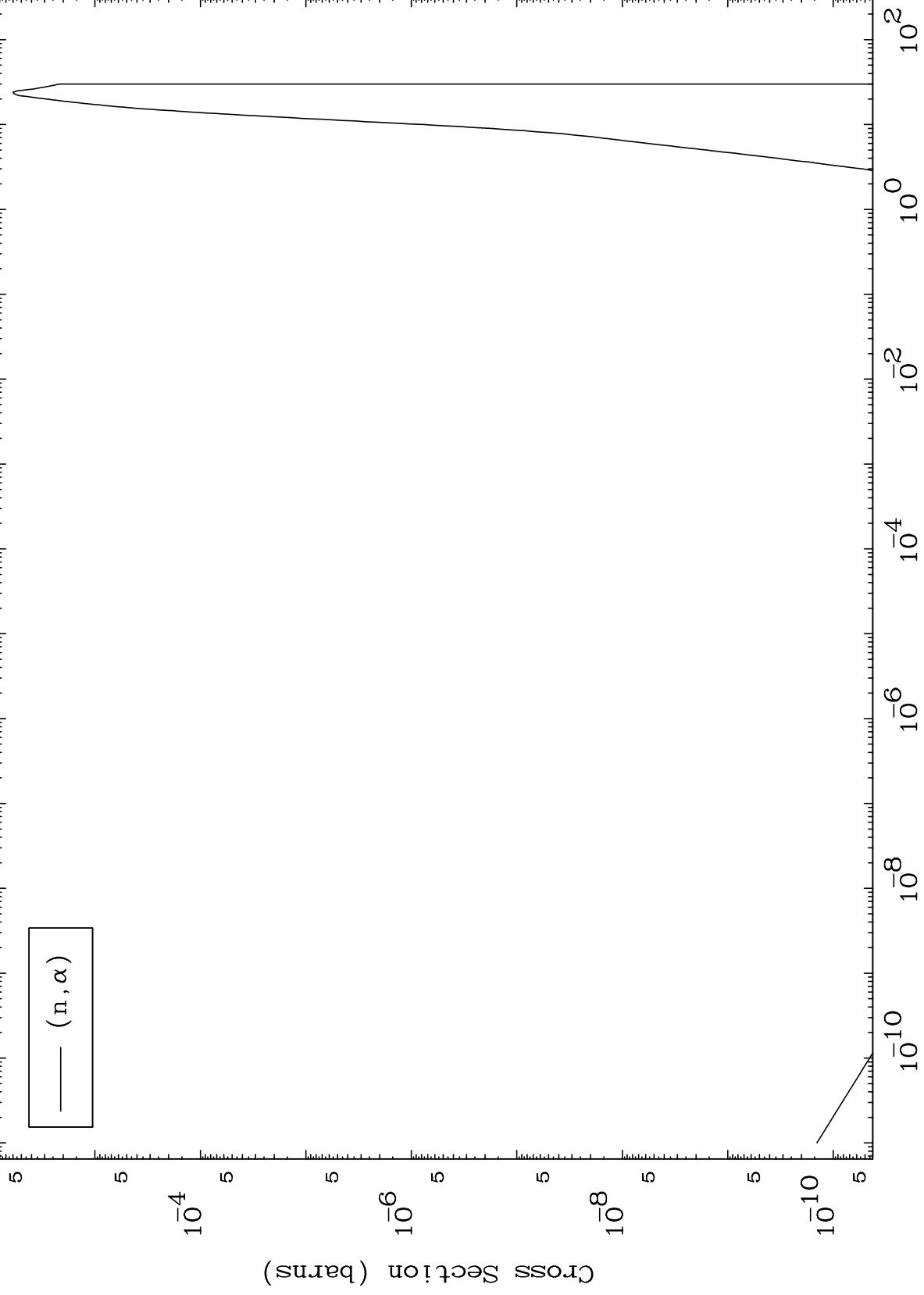
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

78-Pt-197m

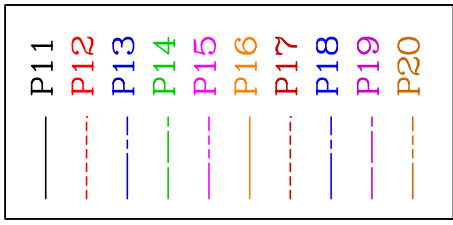
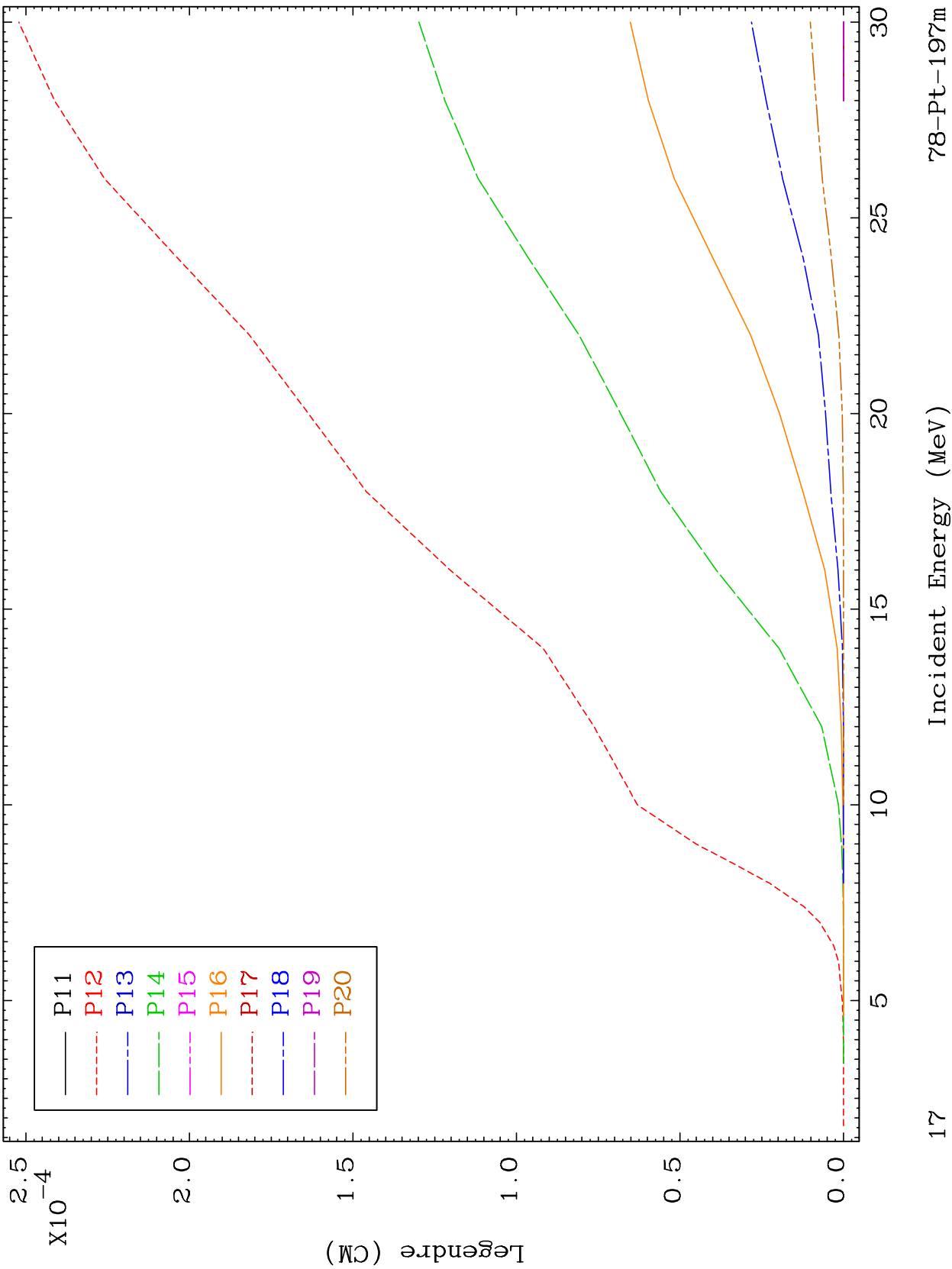




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Elastic  
Legendre Coefficients

78-Pt-197m

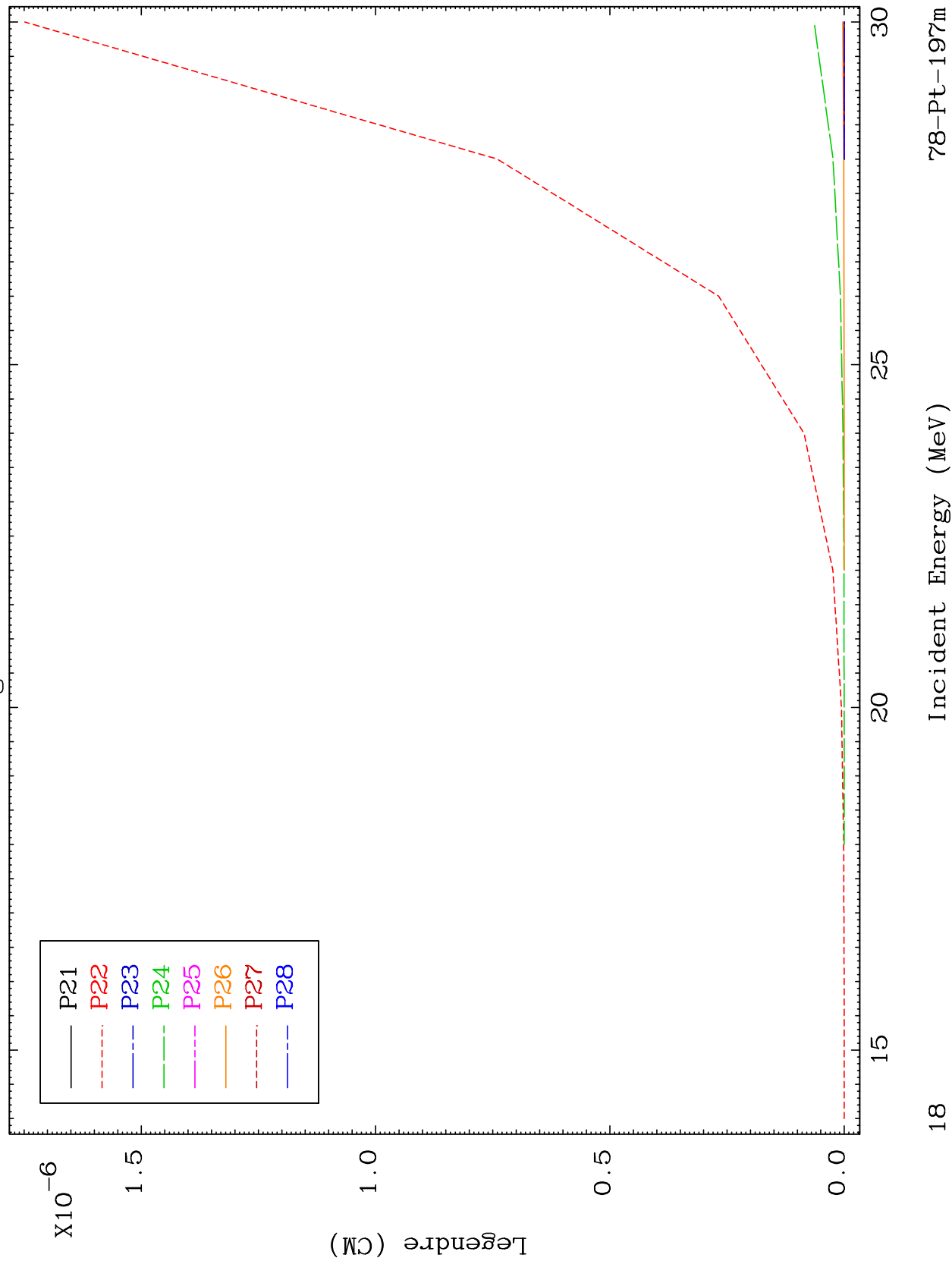


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Elastic Legendre Coefficients

78-Pt-197m



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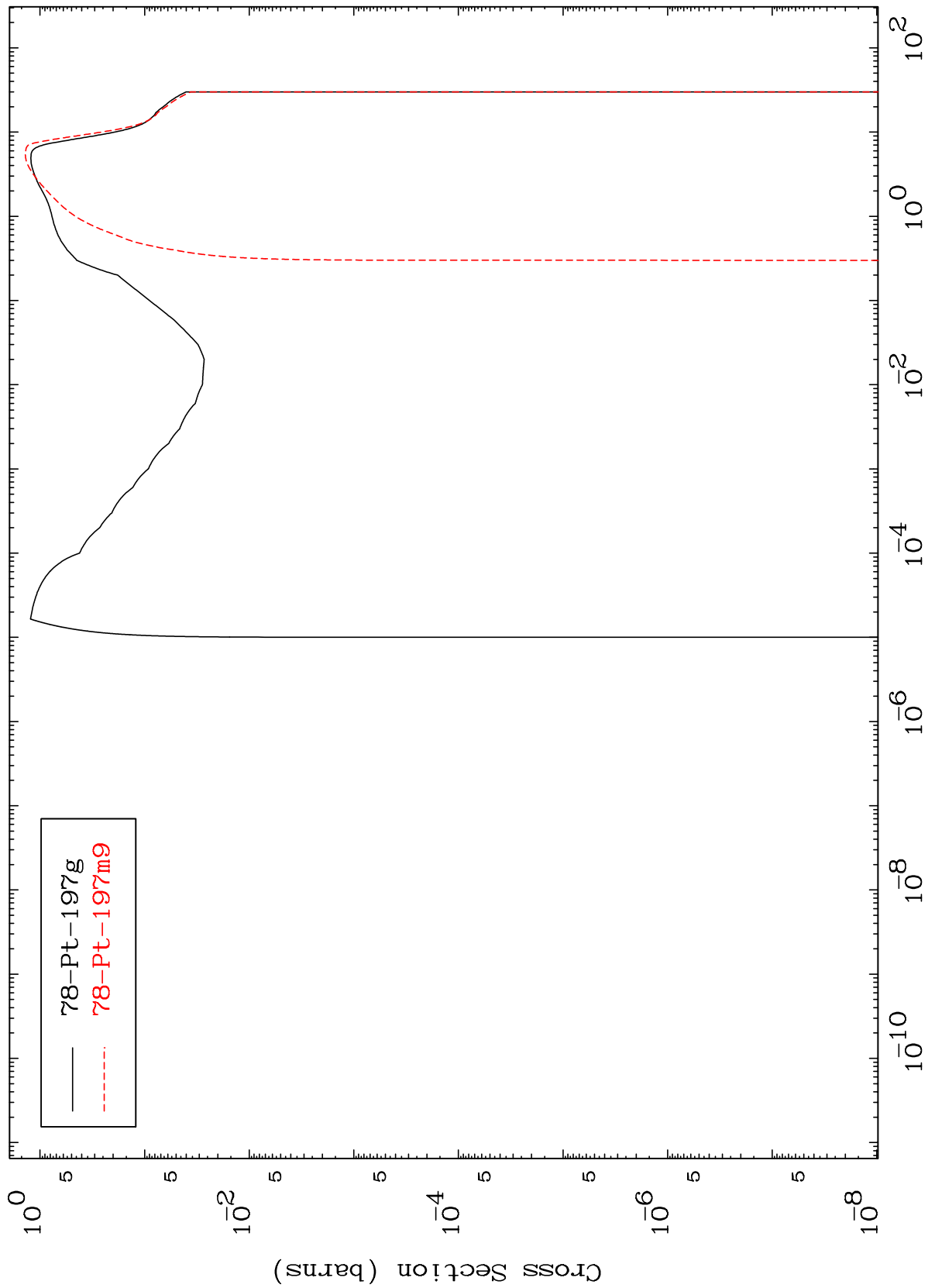
Incident Energy (MeV)

78-Pt-197m

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78-Pt-197m

Inelastic  
Radionuclide Production Cross Section

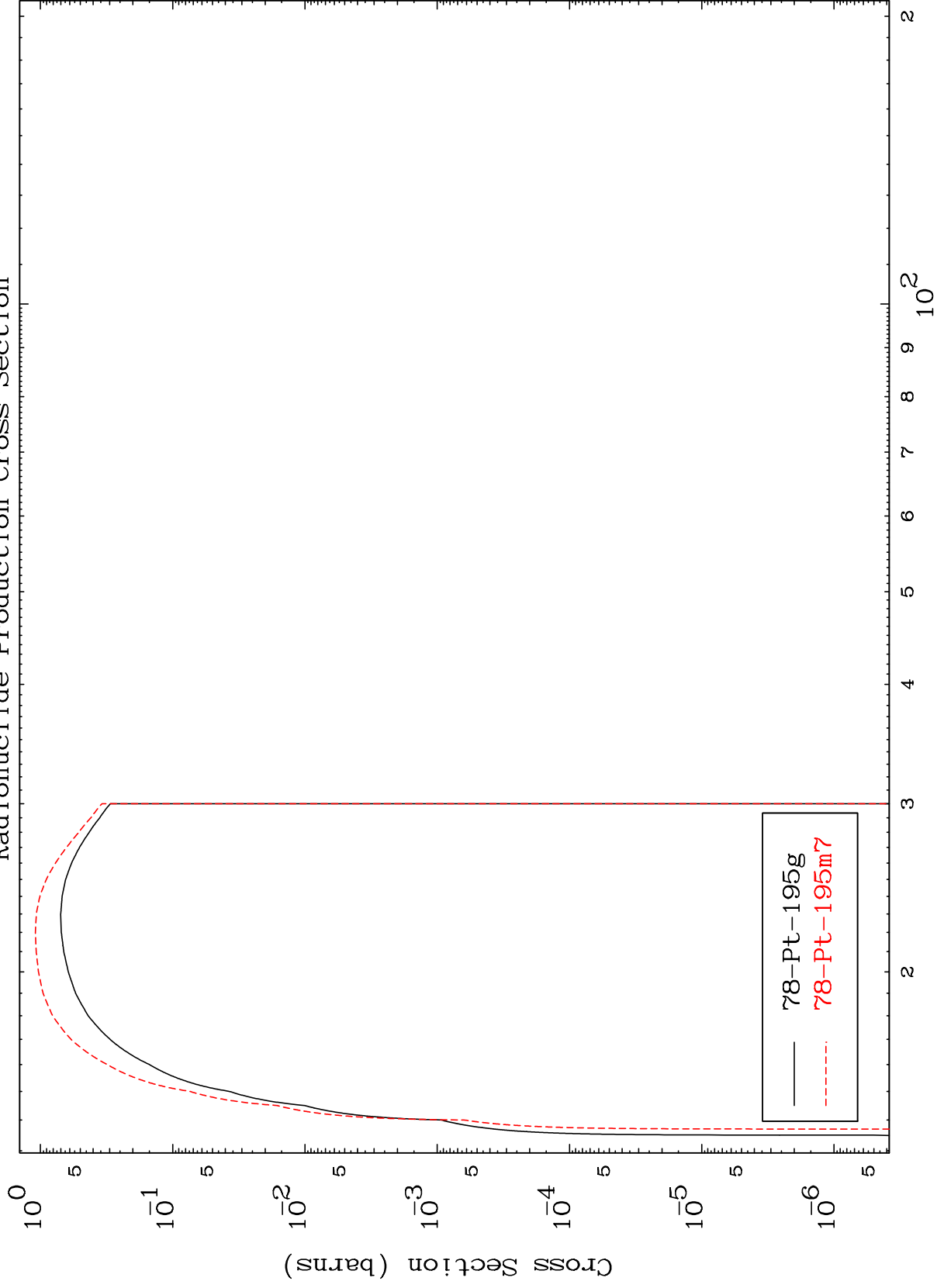


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(n,3n)

78-Pt-197m

Radionuclide Production Cross Section



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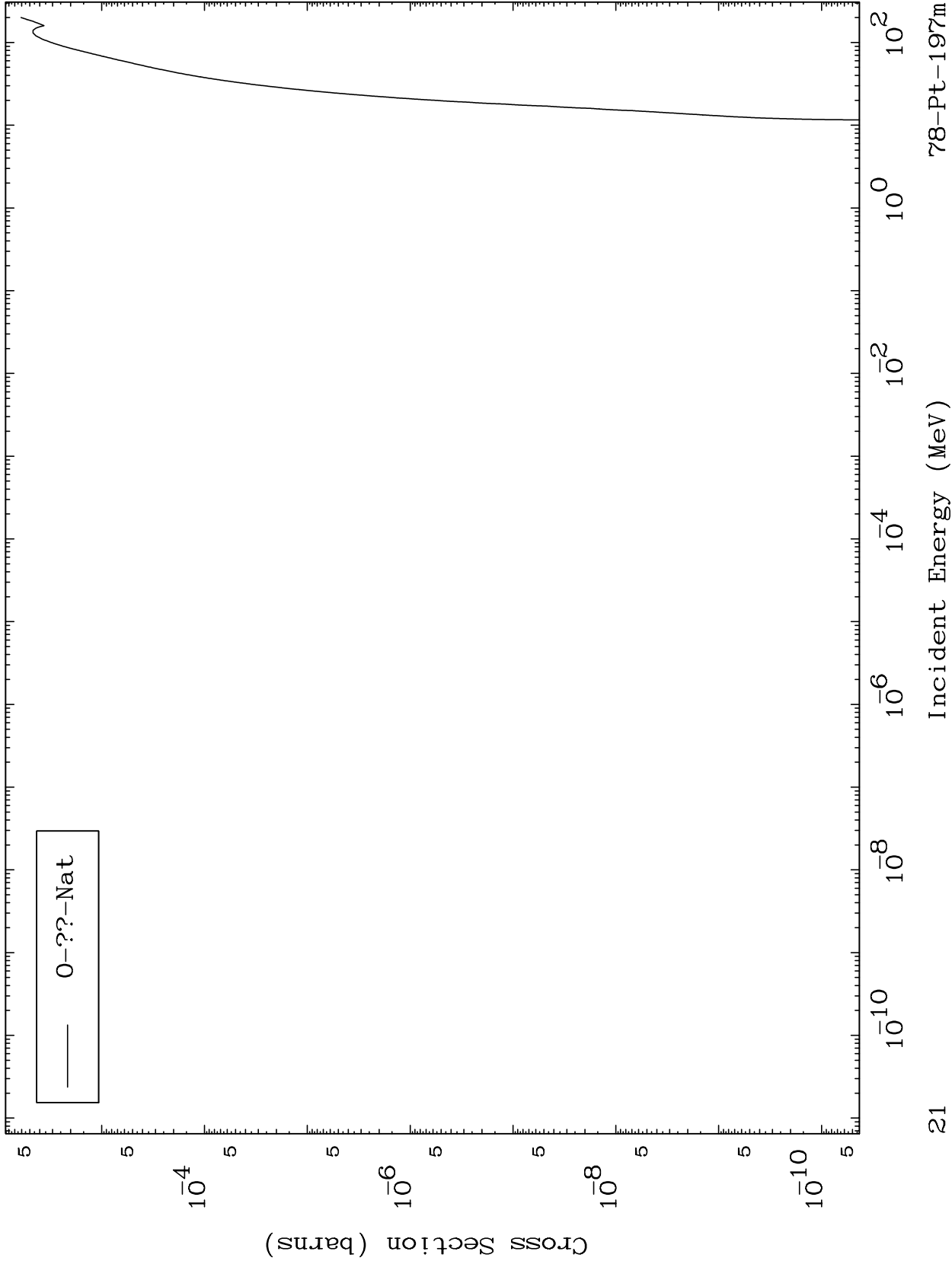
Incident Energy (MeV)

78-Pt-197m

MAT 7847

Fission  
Radionuclide Production Cross Section

78-Pt-197m

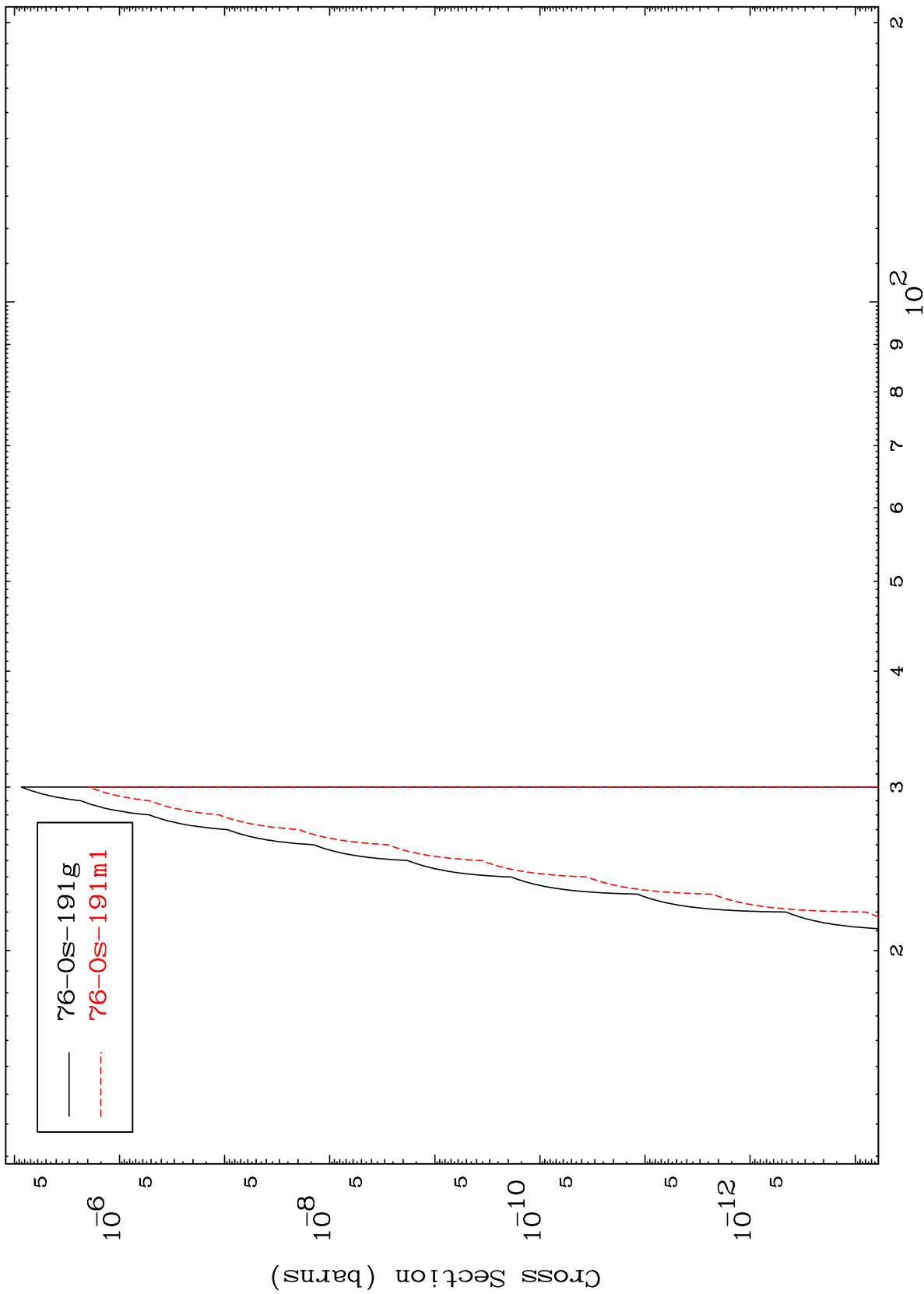


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(n,3n)  $\alpha$

78-Pt-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

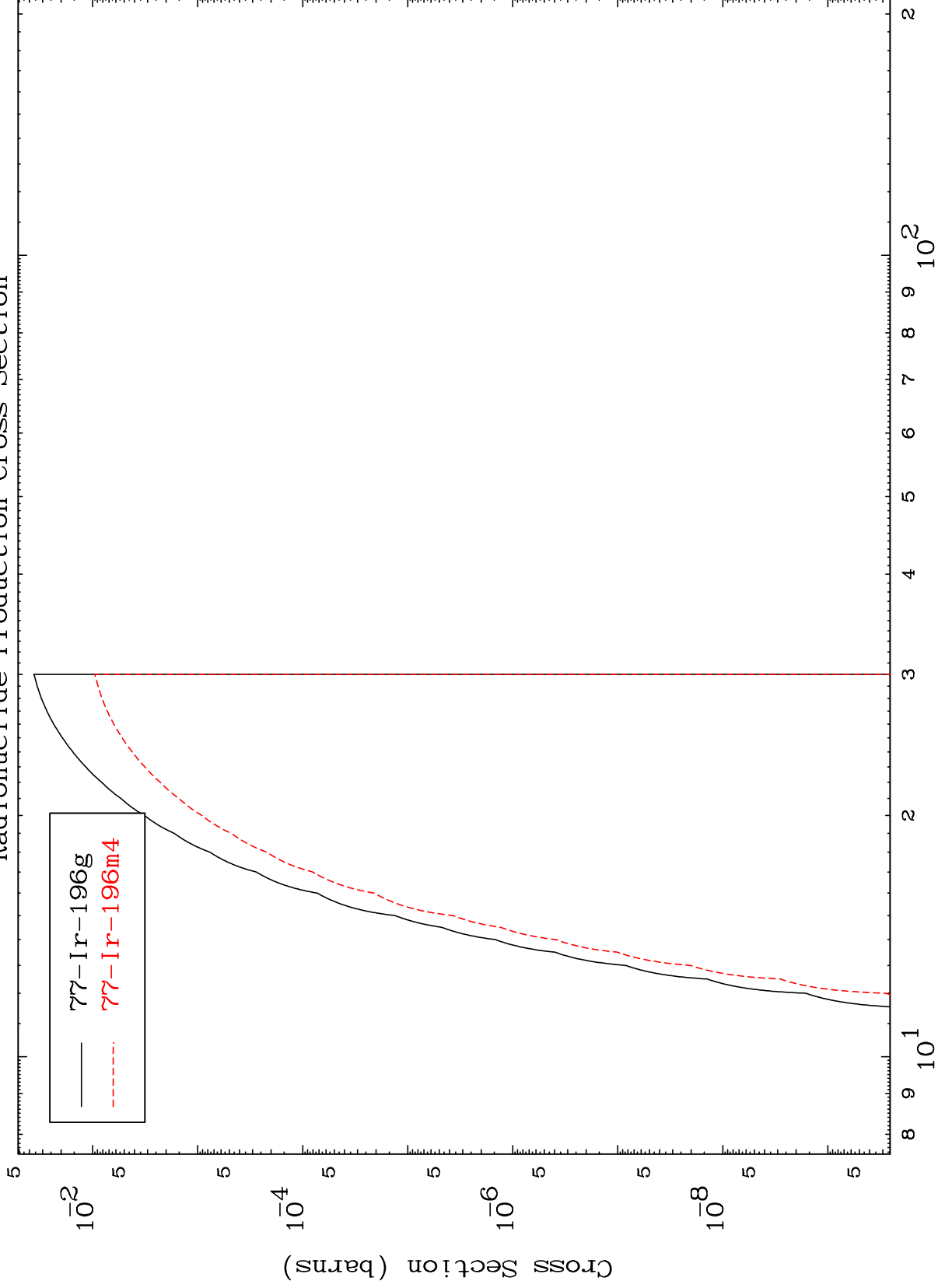
78-Pt-197m

MAT 7847

(n,n') p

78-Pt-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-197m

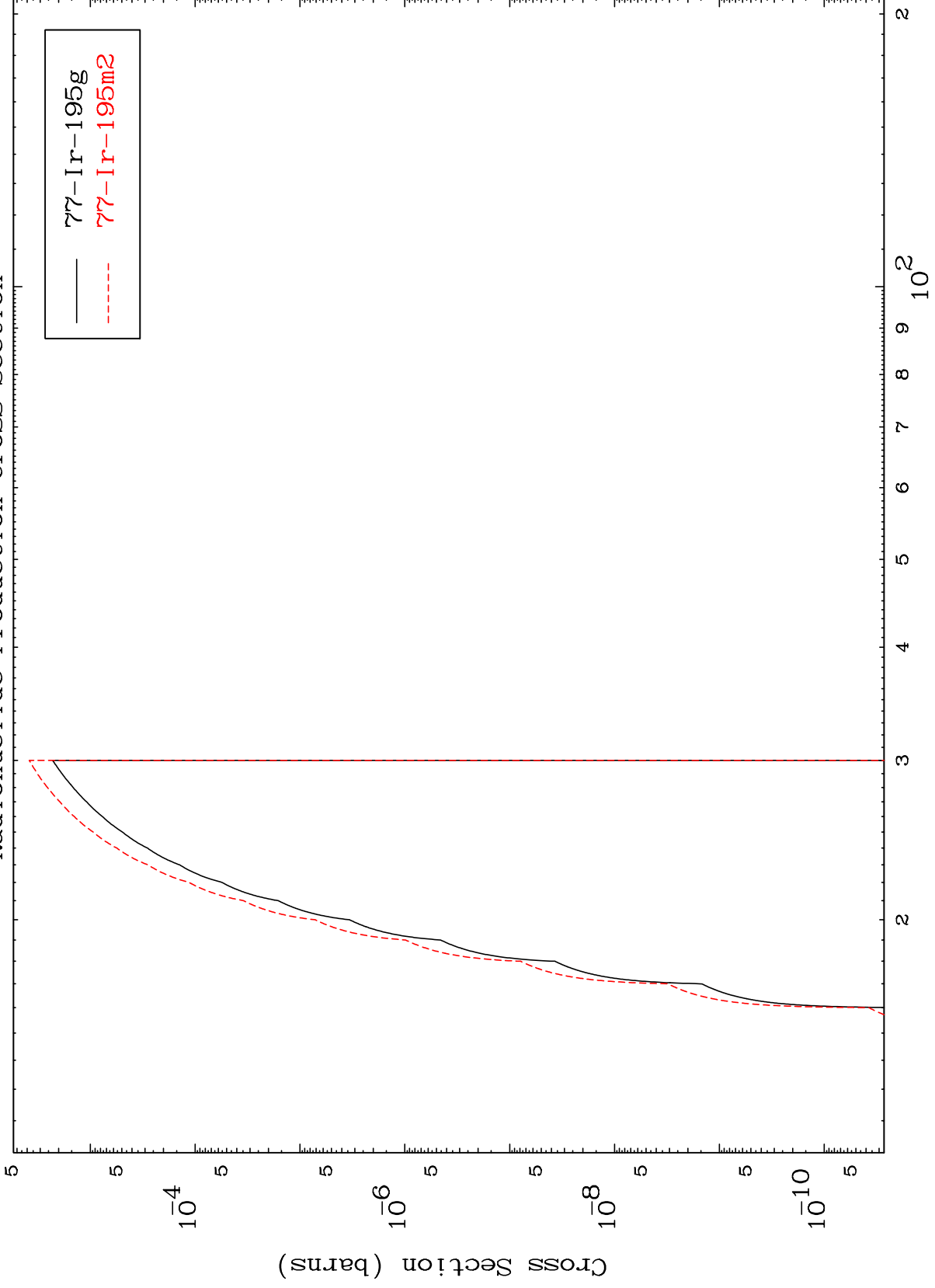
23

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(n,n') d

78-Pt-197m

Radionuclide Production Cross Section



24

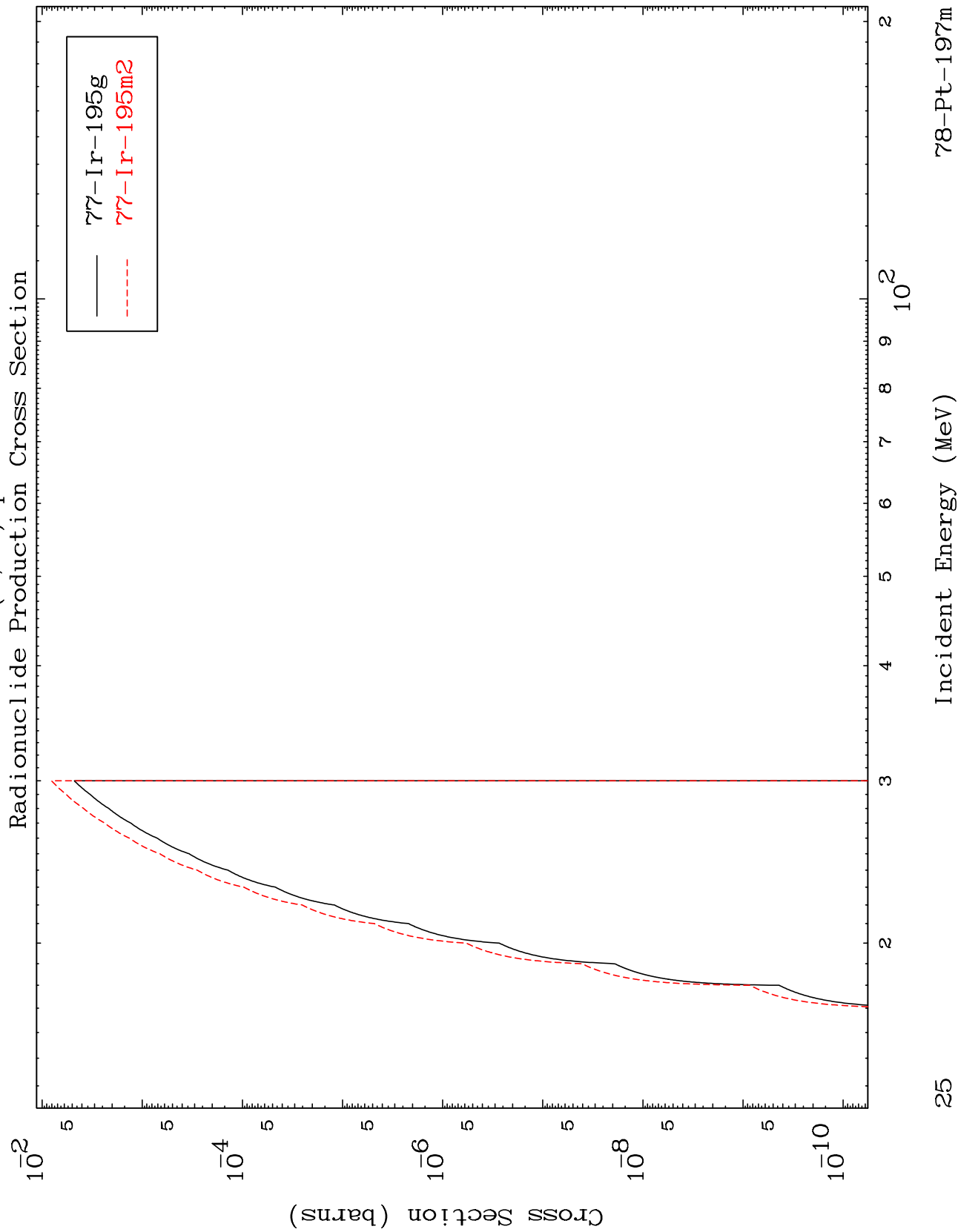
Incident Energy (MeV)

78-Pt-197m

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(n,2n) p

78-Pt-197m



25

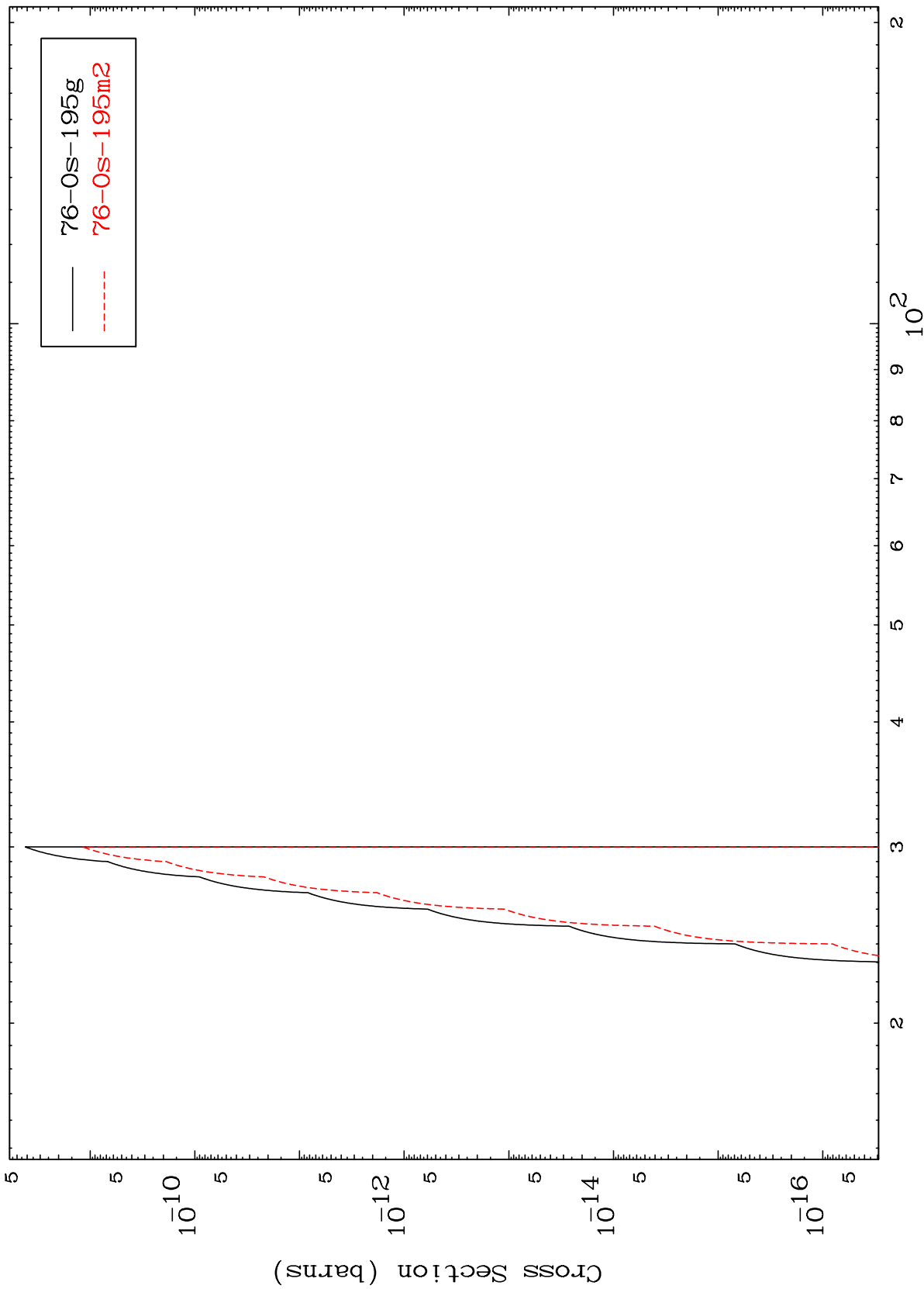
78-Pt-197m

MAT 7847

(n,2n) p

78-Pt-197m

Radionuclide Production Cross Section



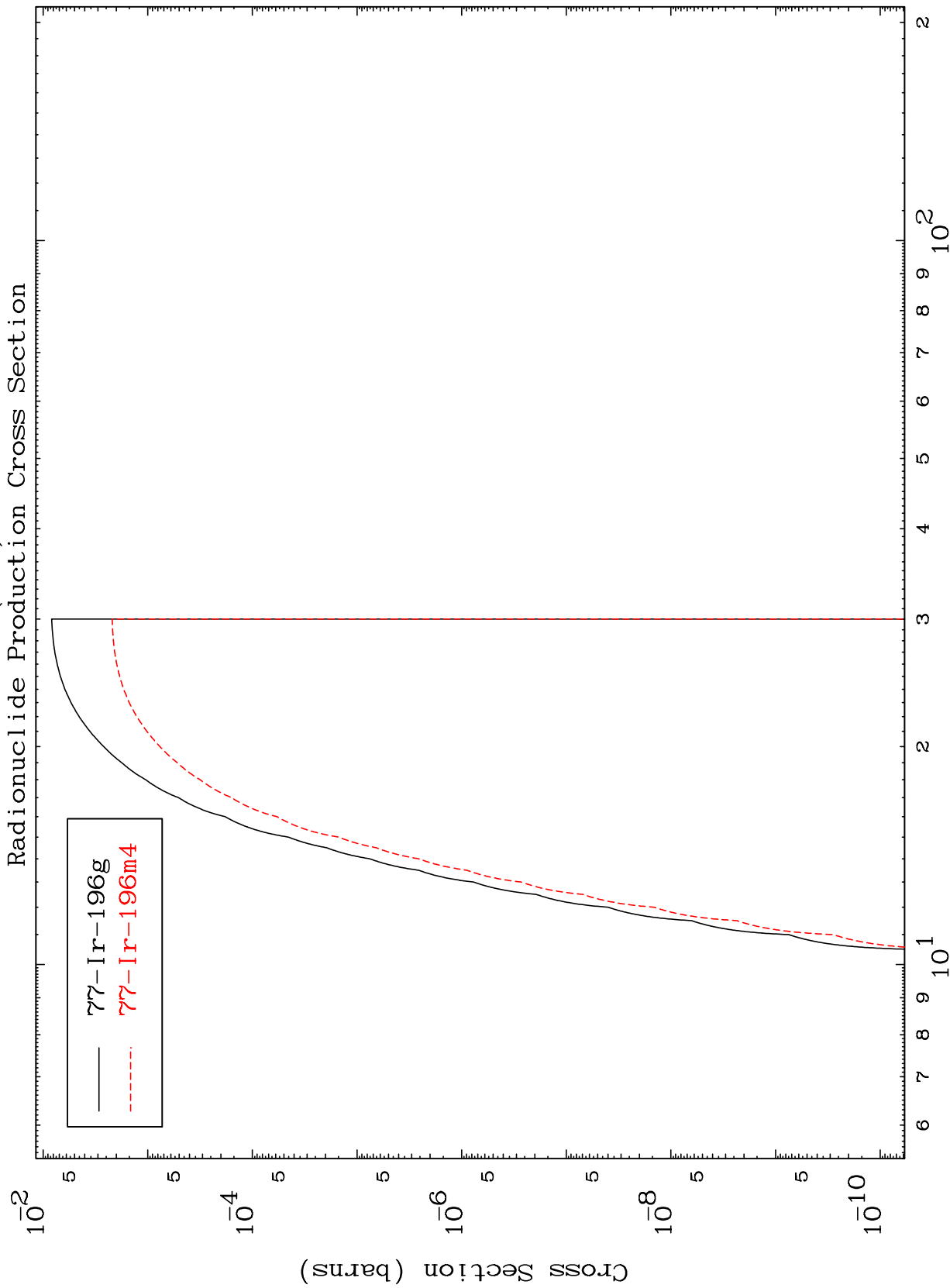
76-Os-195g  
76-Os-195m2



MAT 7847

(n,d)

78-Pt-197m



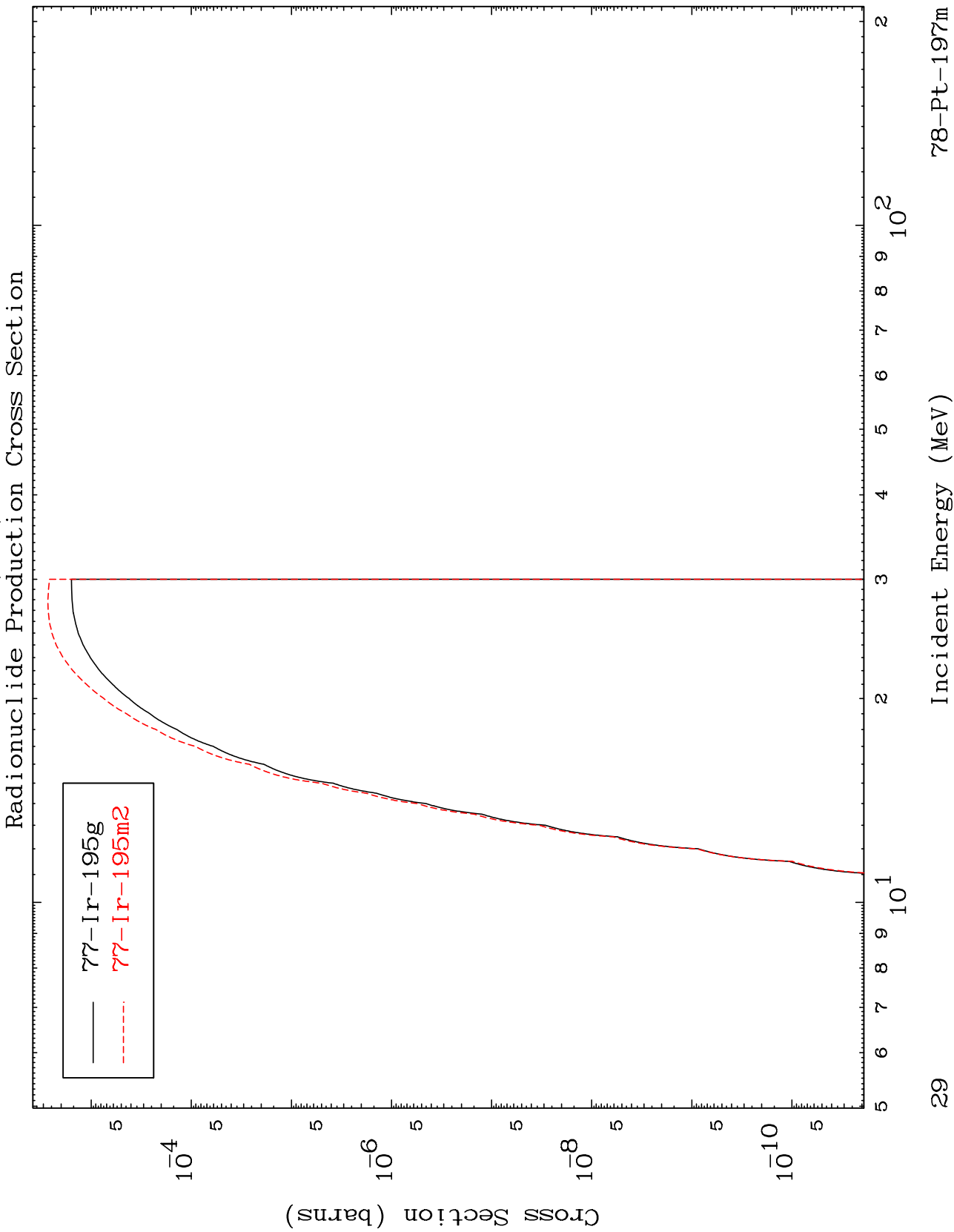
28

Incident Energy (MeV)

78-Pt-197m

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78-Pt-197m



29

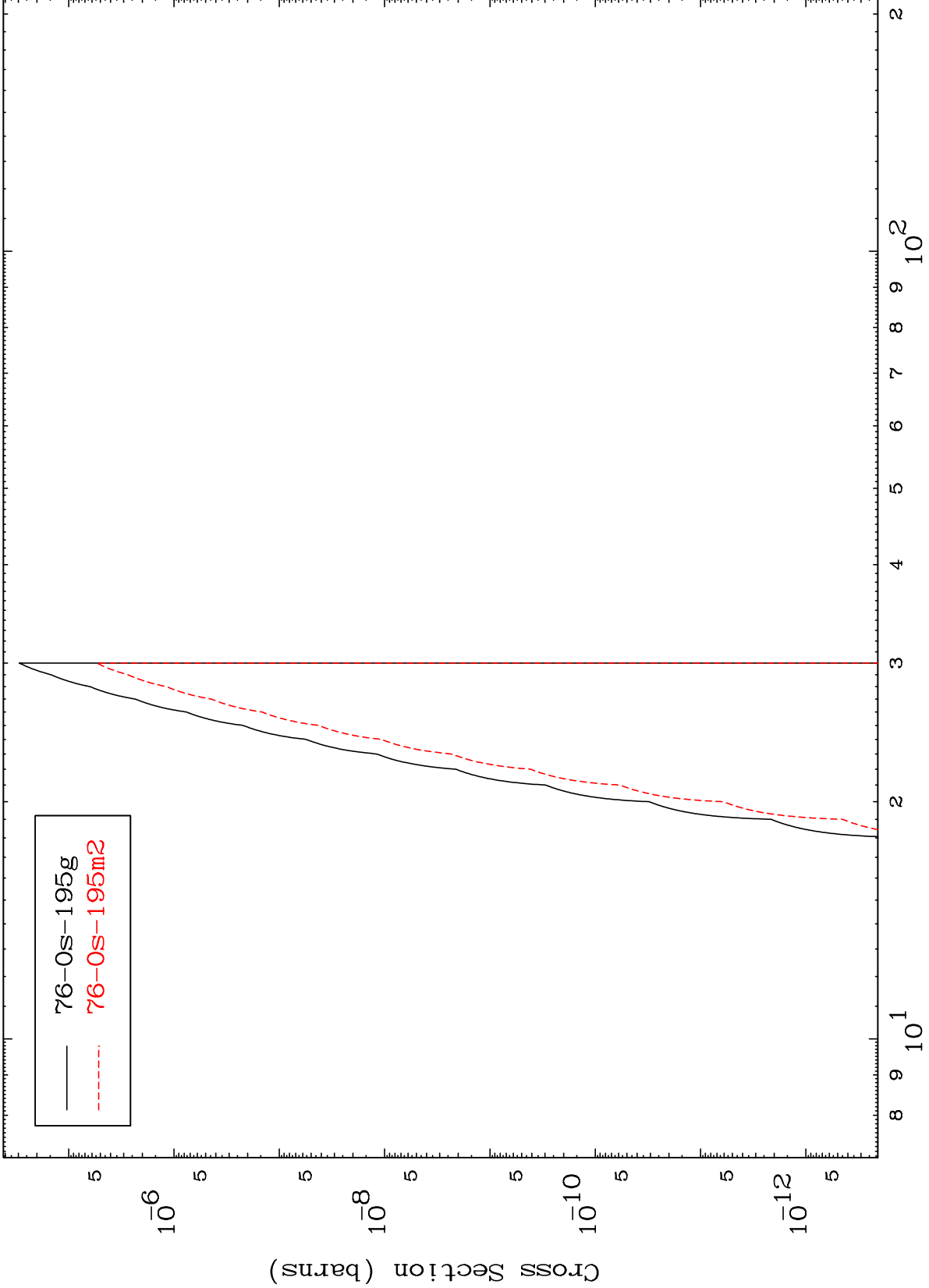
78-Pt-197m

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(n,He-3)

78-Pt-197m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

78-Pt-197m