

Program EVALPLOT  
(Version 2017-1)

by

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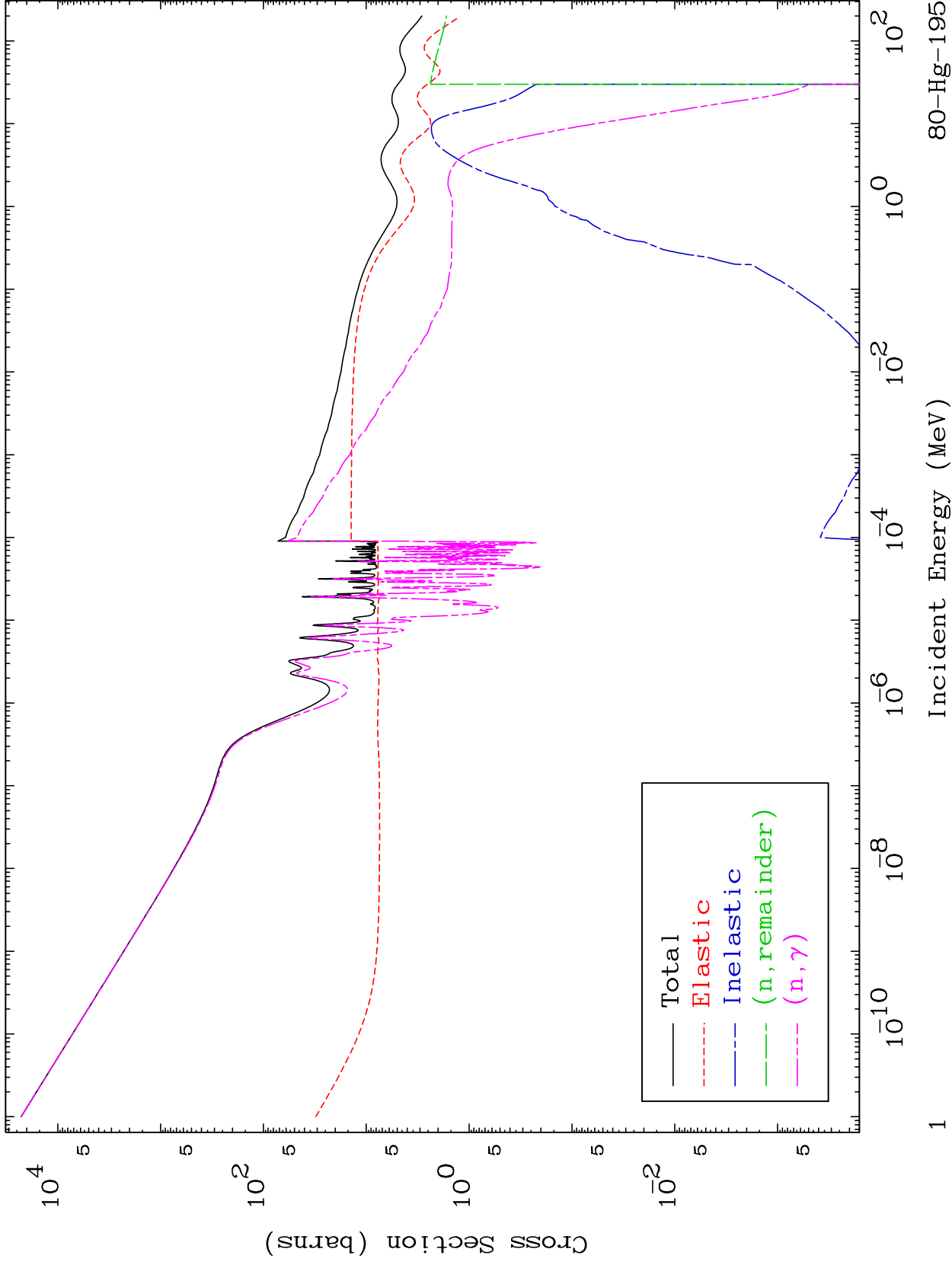
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8023

Major  
293 Kelvin Cross Sections

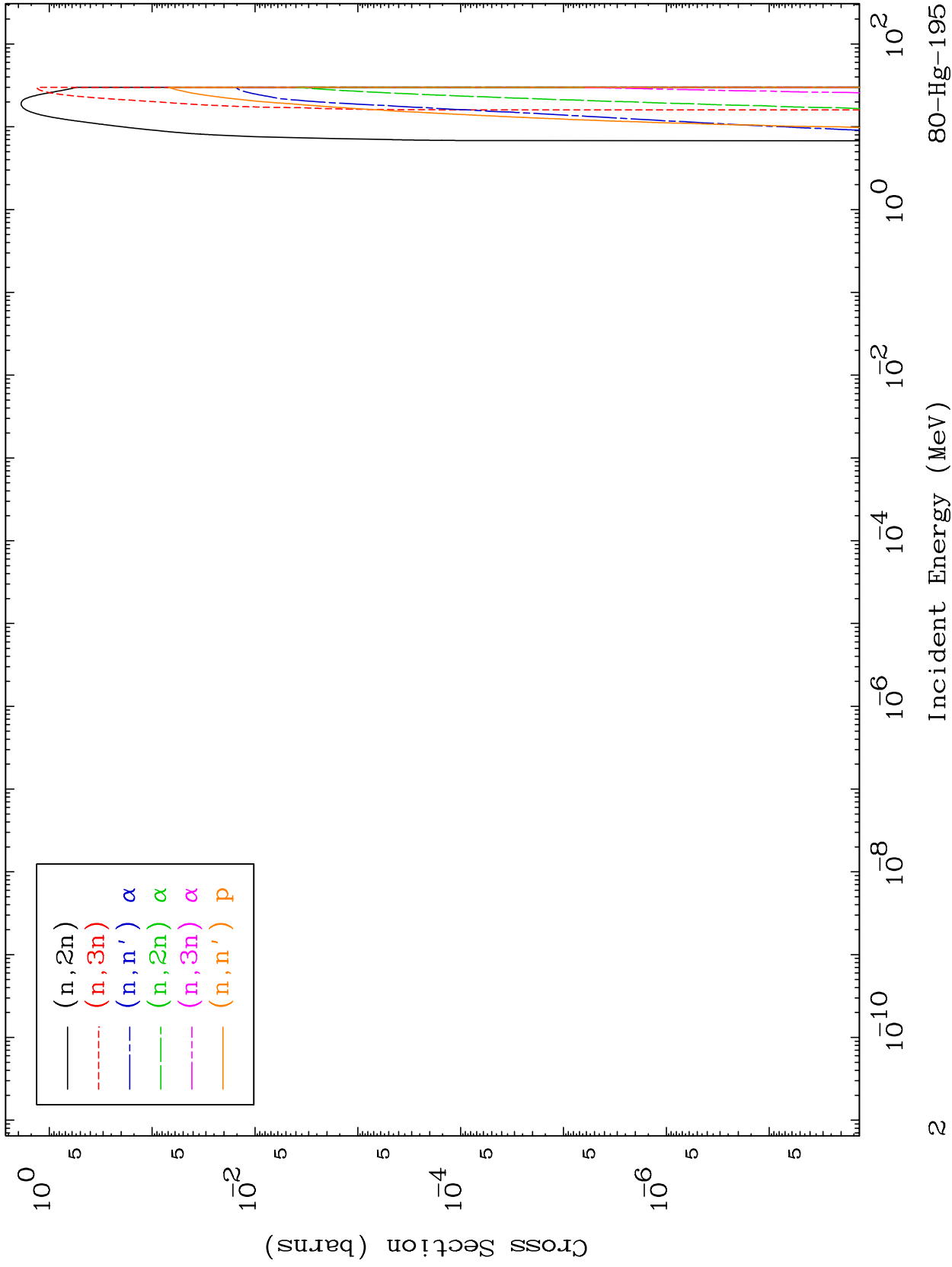
80-Hg-195



MAT 8023

Neutron Production  
293 Kelvin Cross Sections

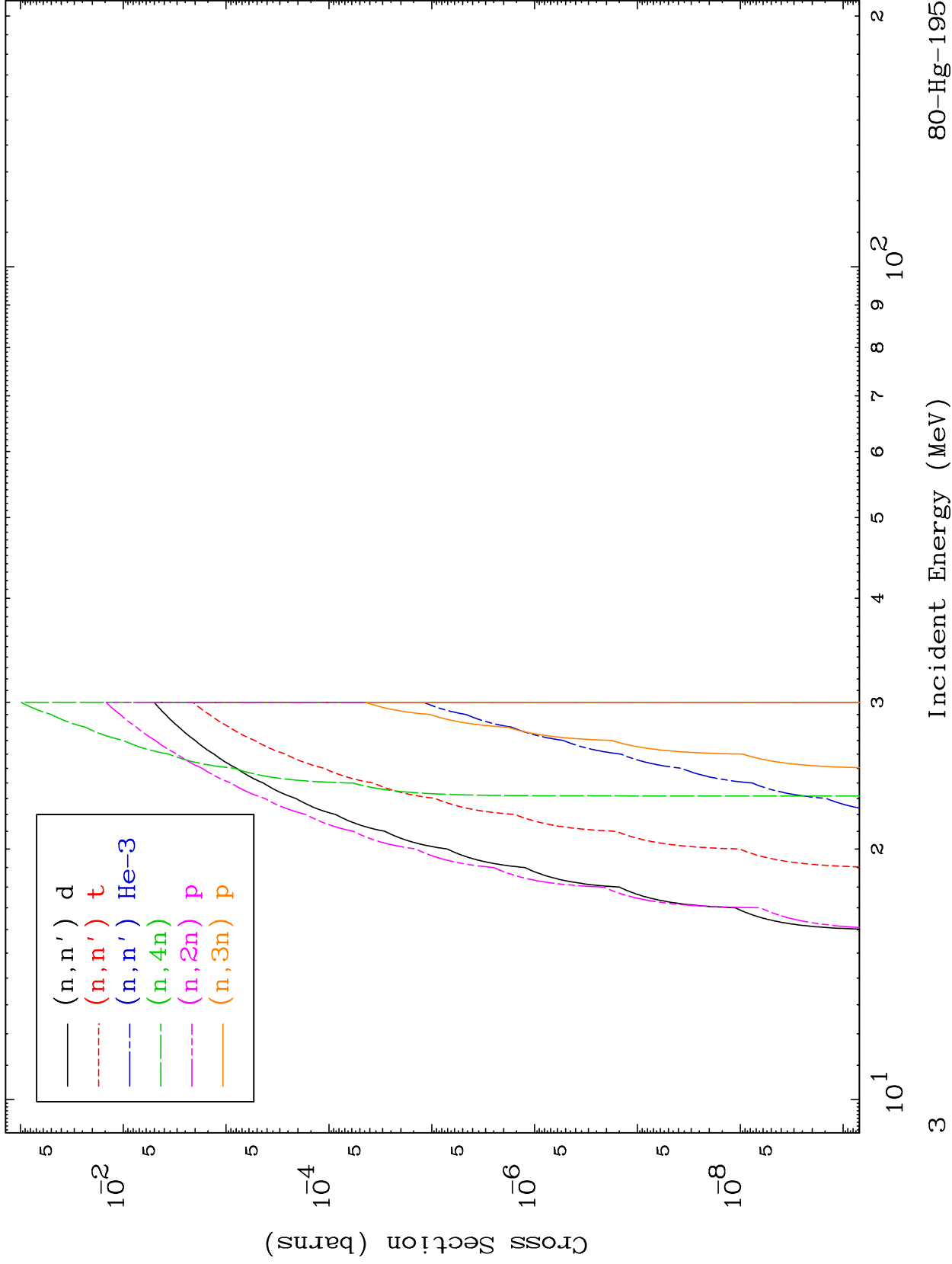
80-Hg-195



MAT 8023

Neutron Production  
293 Kelvin Cross Sections

80-Hg-195

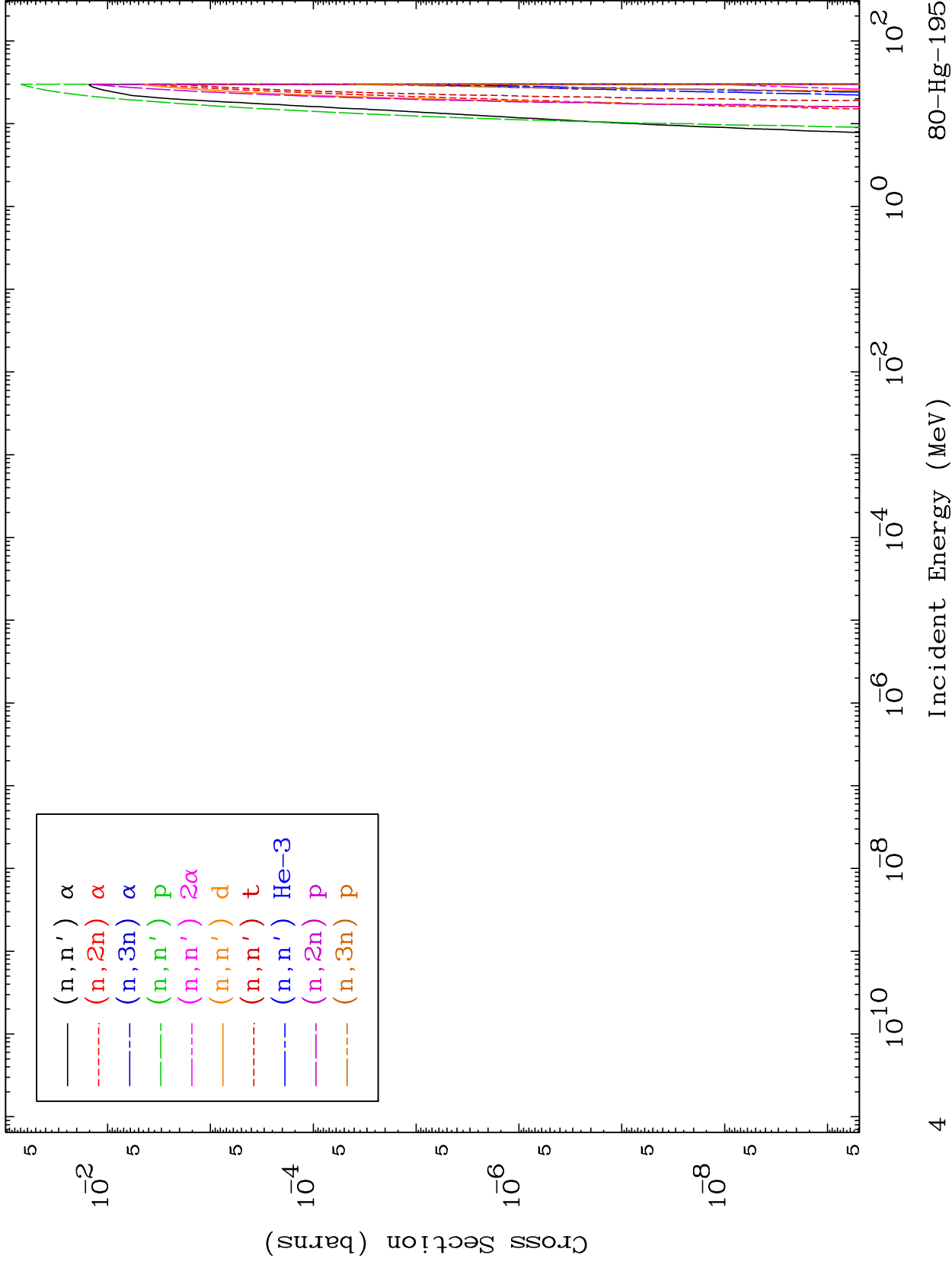


80-Hg-195

MAT 8023

Charged Particle  
293 Kelvin Cross Sections

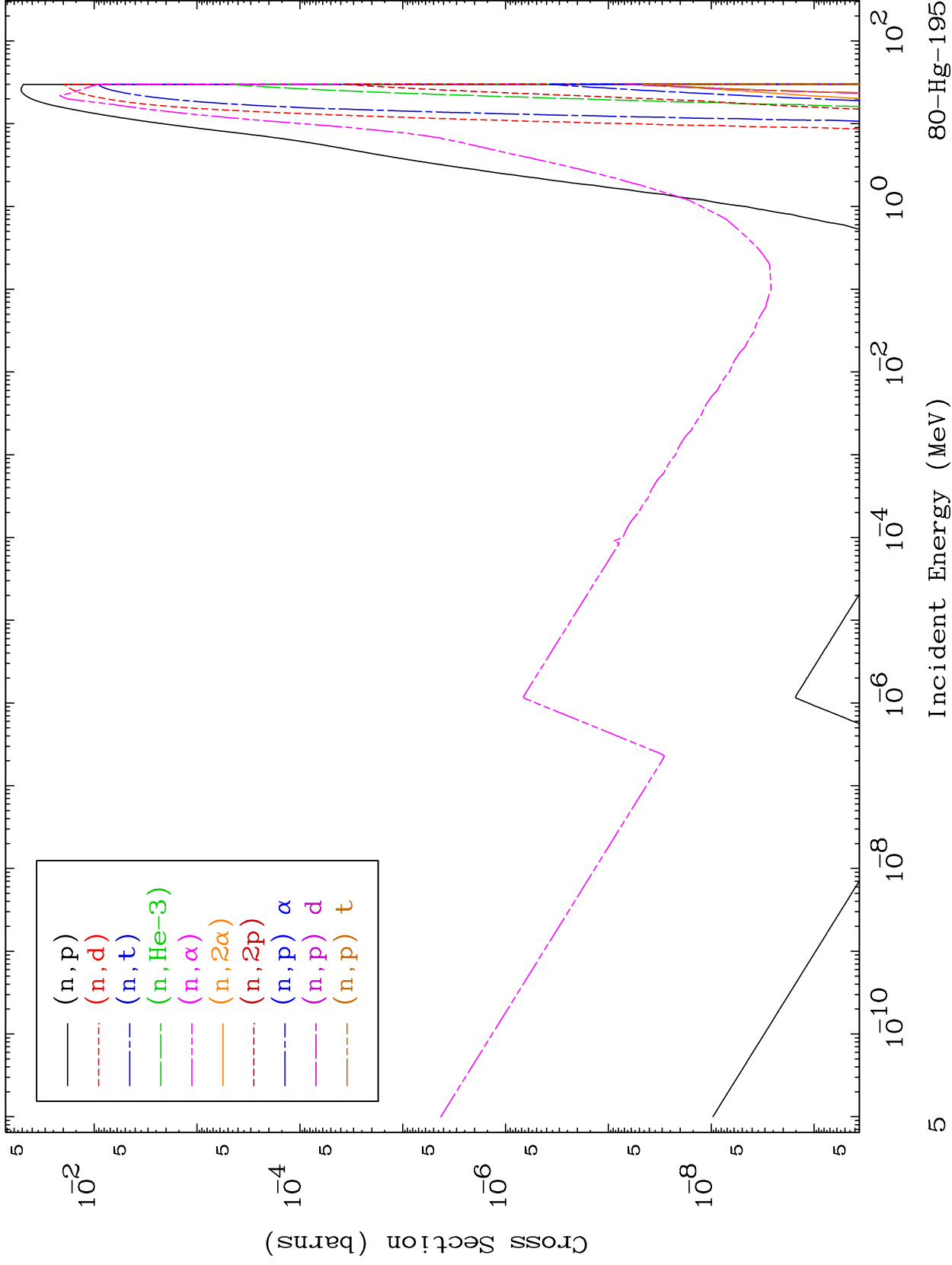
80-Hg-195



MAT 8023

Charged Particle  
293 Kelvin Cross Sections

80-Hg-195

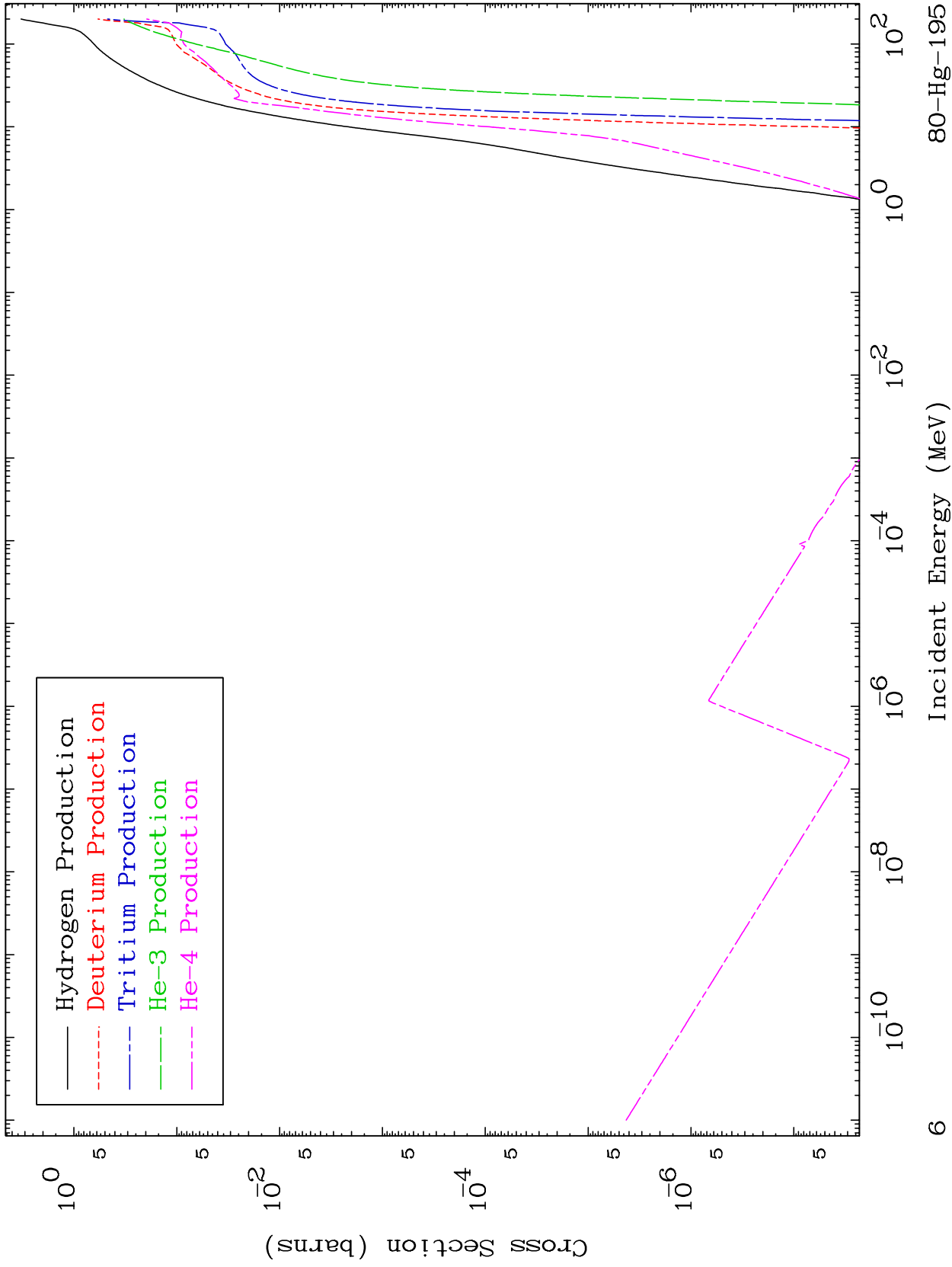


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MAT 8023

Particle Production  
293 Kelvin Cross Sections

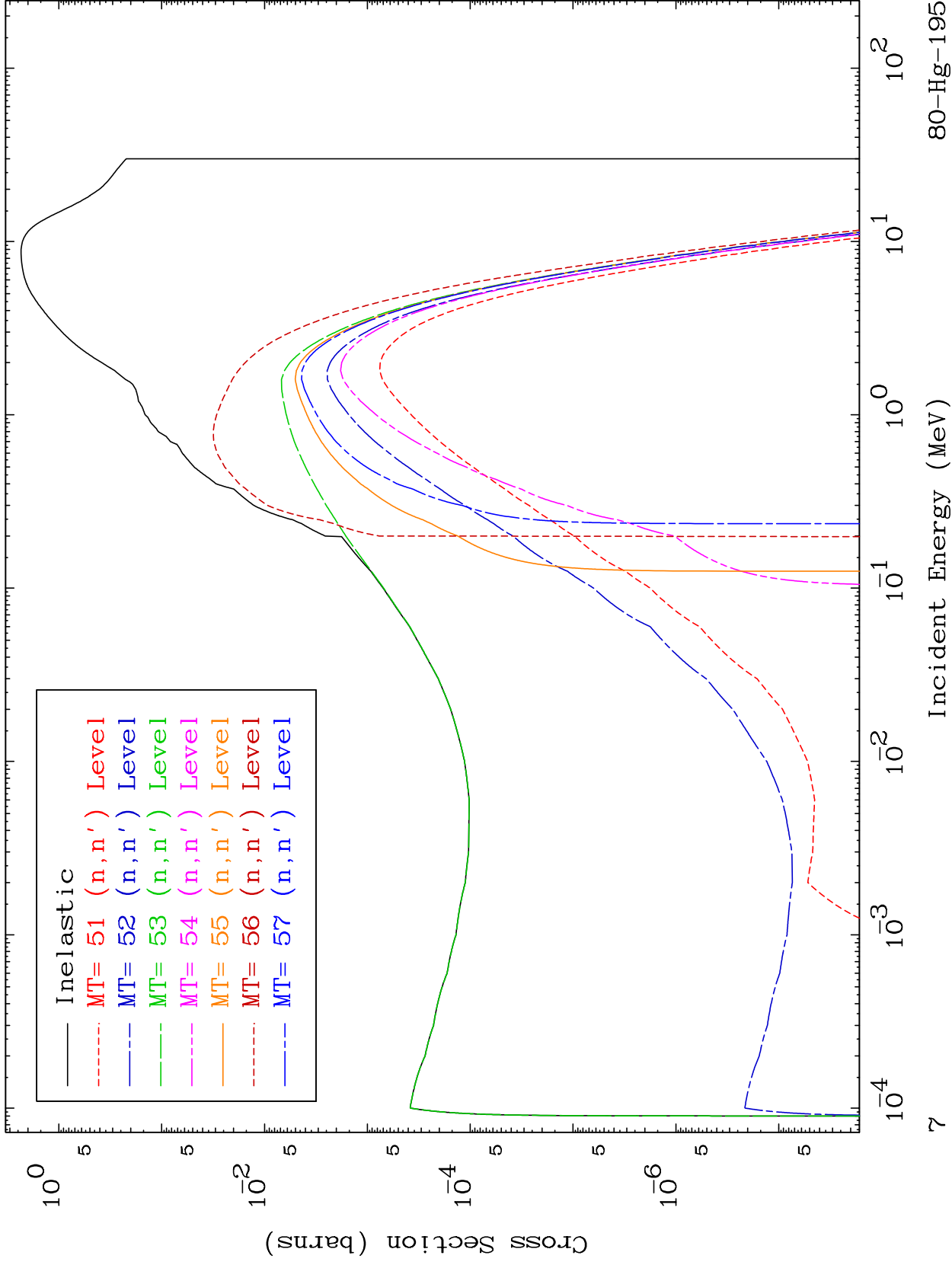
80-Hg-195



MAT 8023

293 Kelvin Cross Sections  
(n,n') Level

80-Hg-195



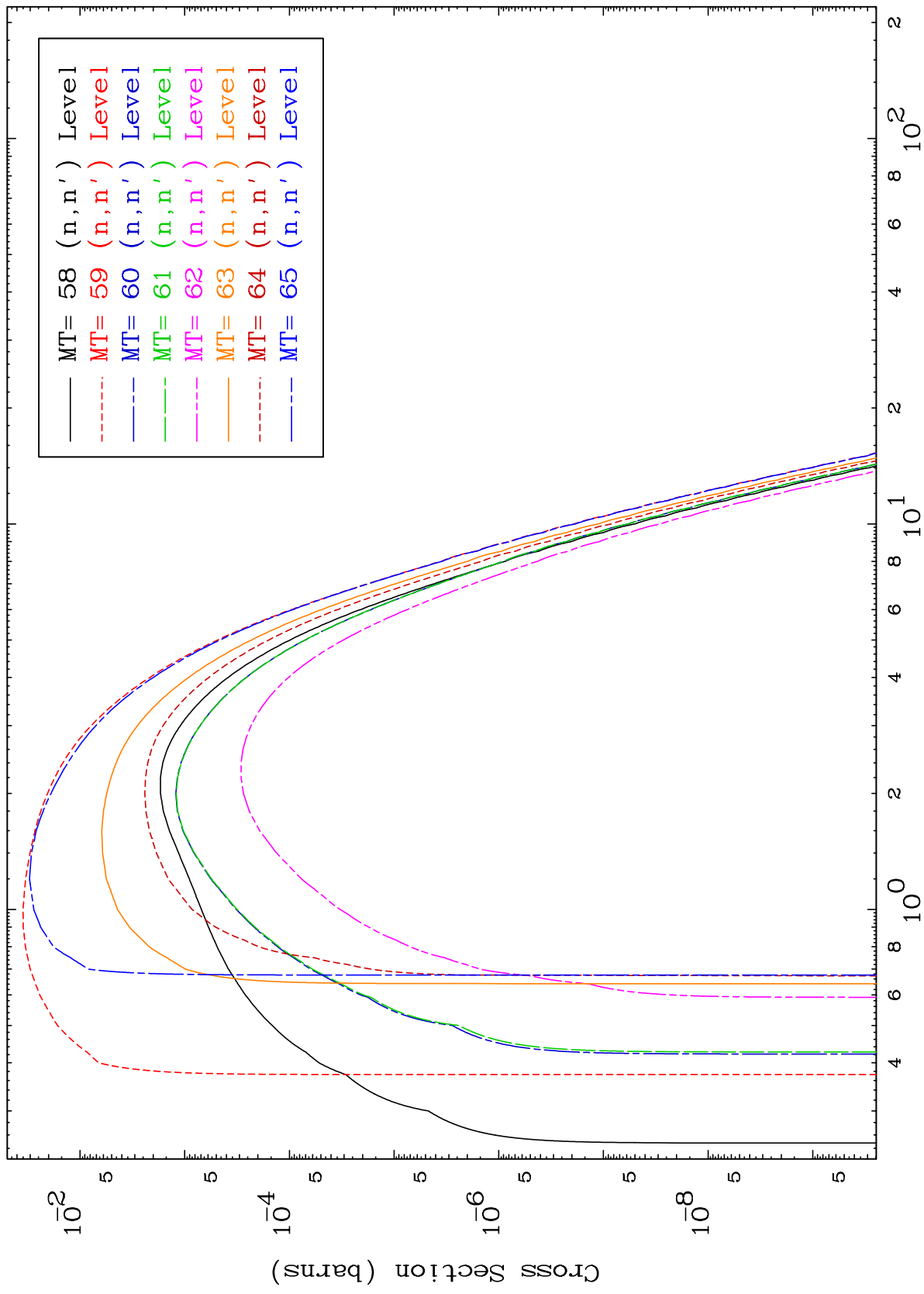


MAT 8023

(n,n') Level

80-Hg-195

293 Kelvin Cross Sections



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Incident Energy (MeV)

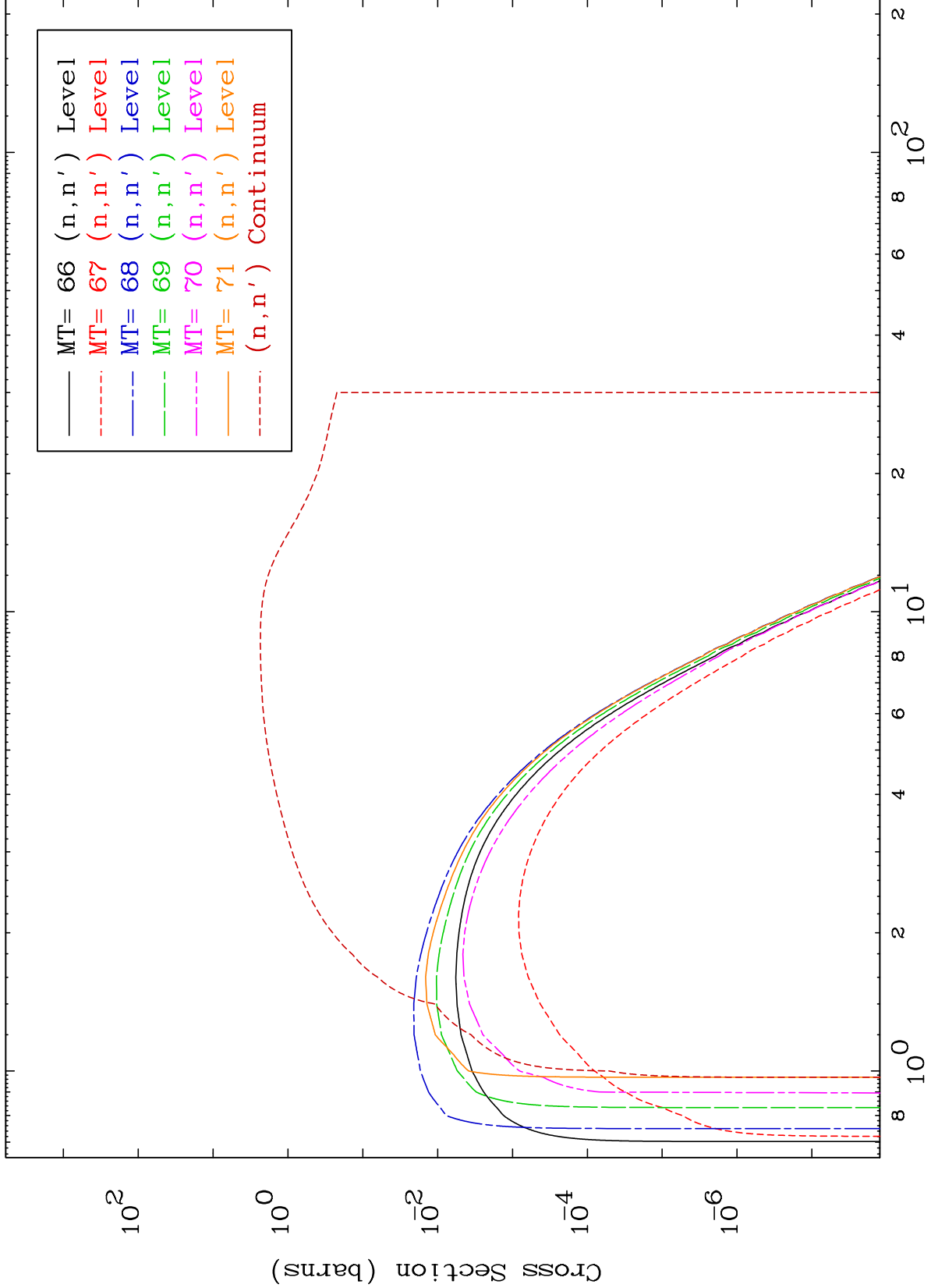
80-Hg-195

MAT 8023

(n,n') Level

80-Hg-195

293 Kelvin Cross Sections



9

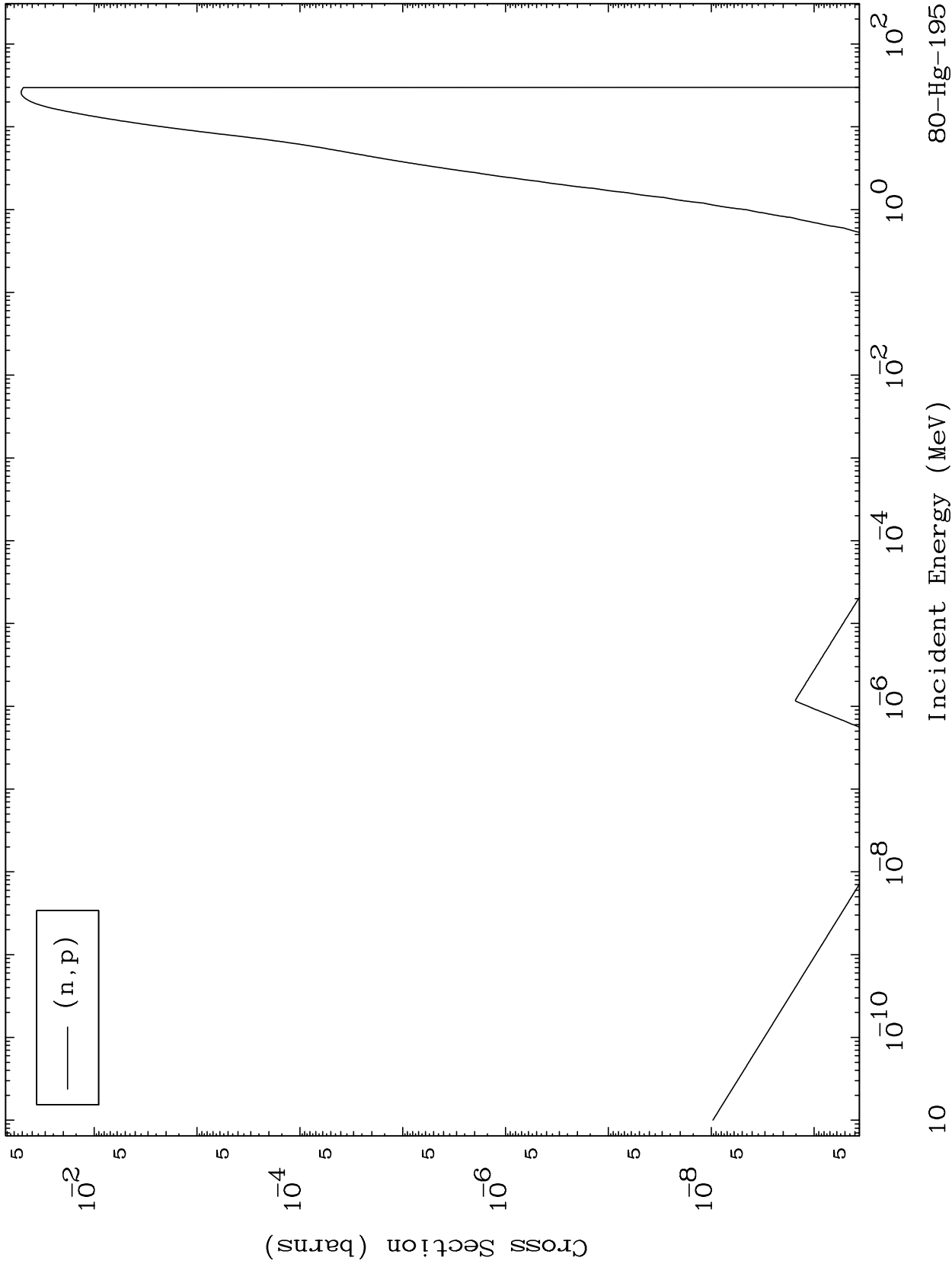
Incident Energy (MeV)

80-Hg-195

MAT 8023

(n,p) Levels  
293 Kelvin Cross Sections

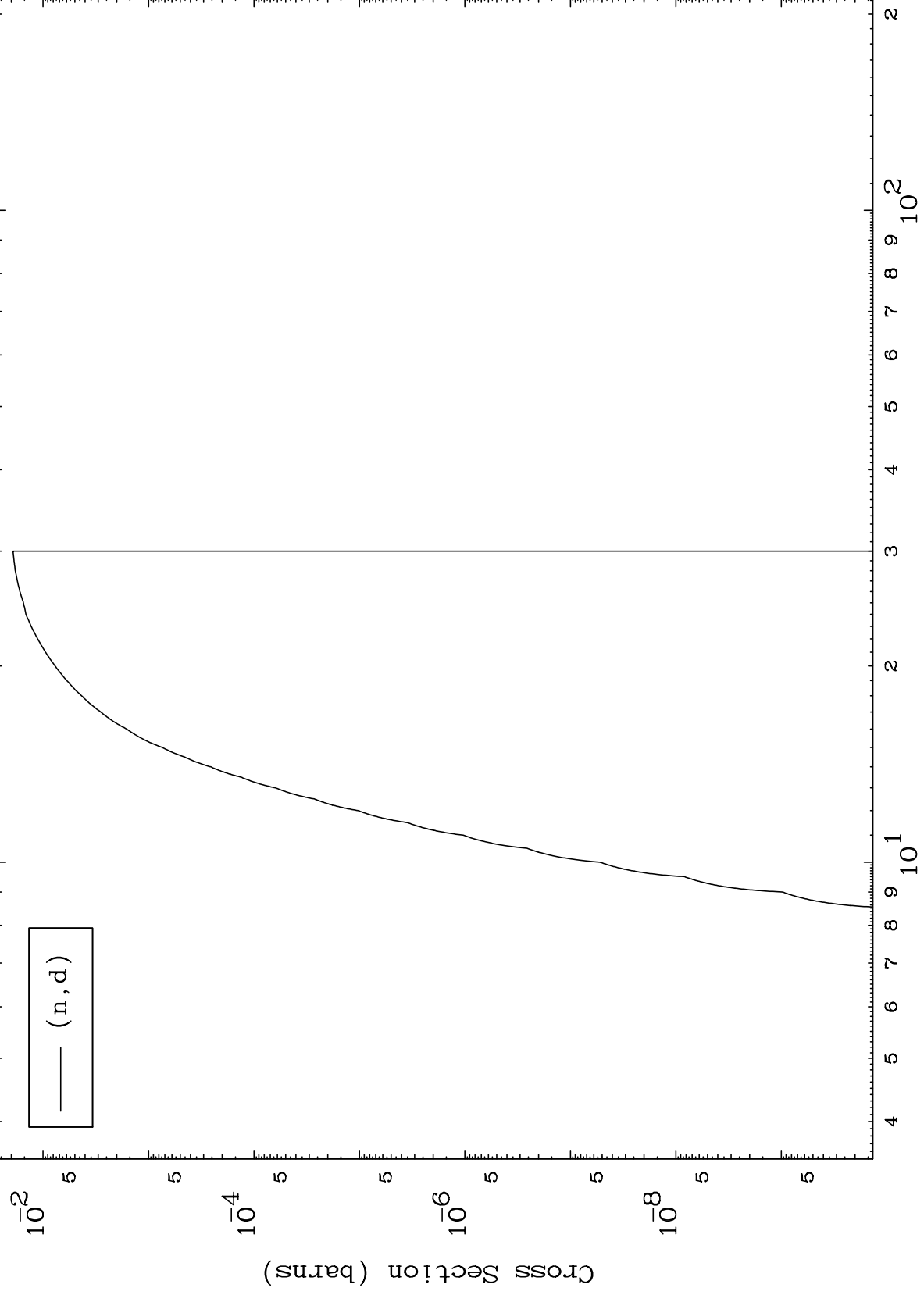
80-Hg-195



MAT 8023

(n,d) Levels  
293 Kelvin Cross Sections

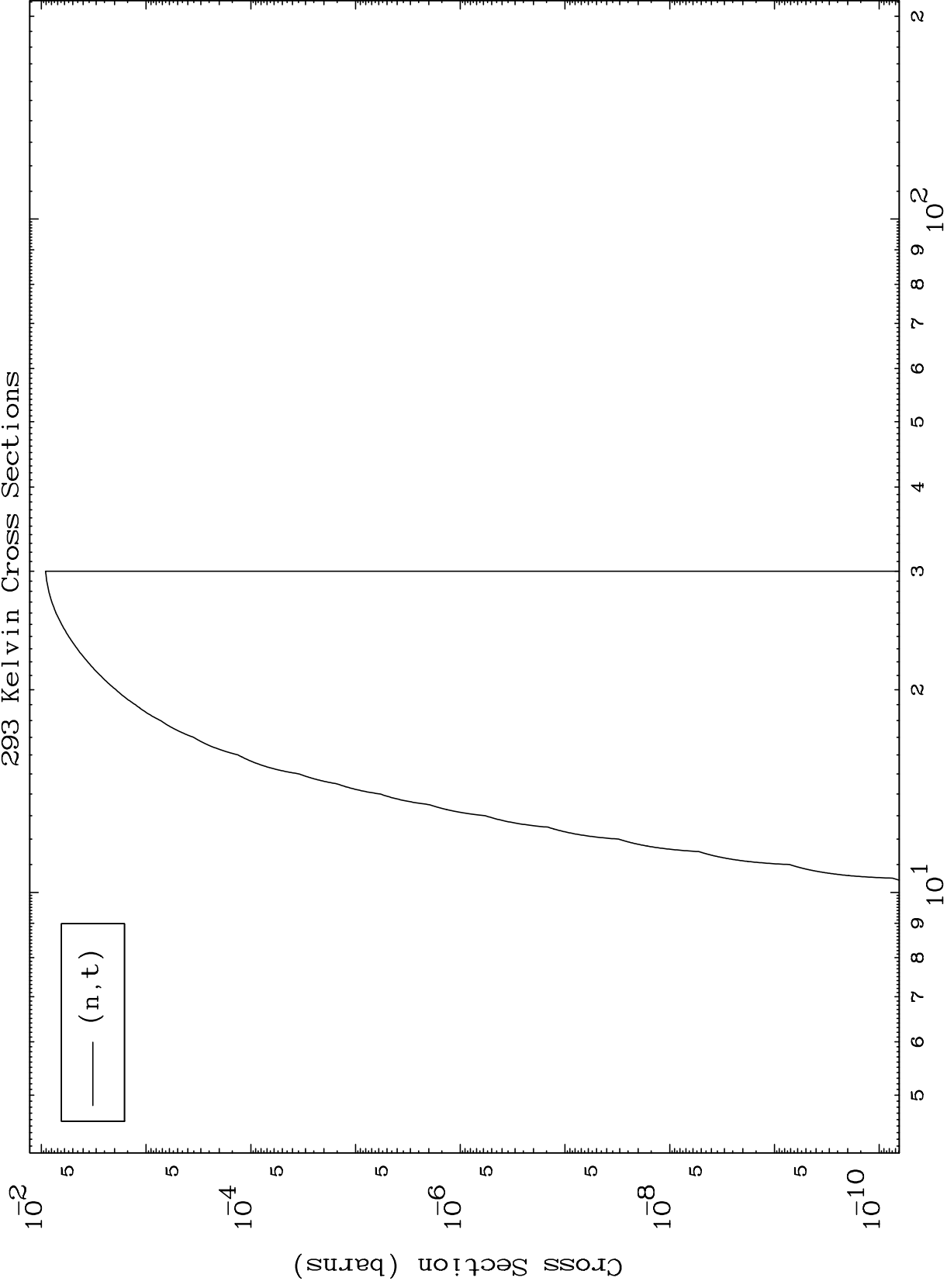
80-Hg-195



MAT 8023

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-195



12

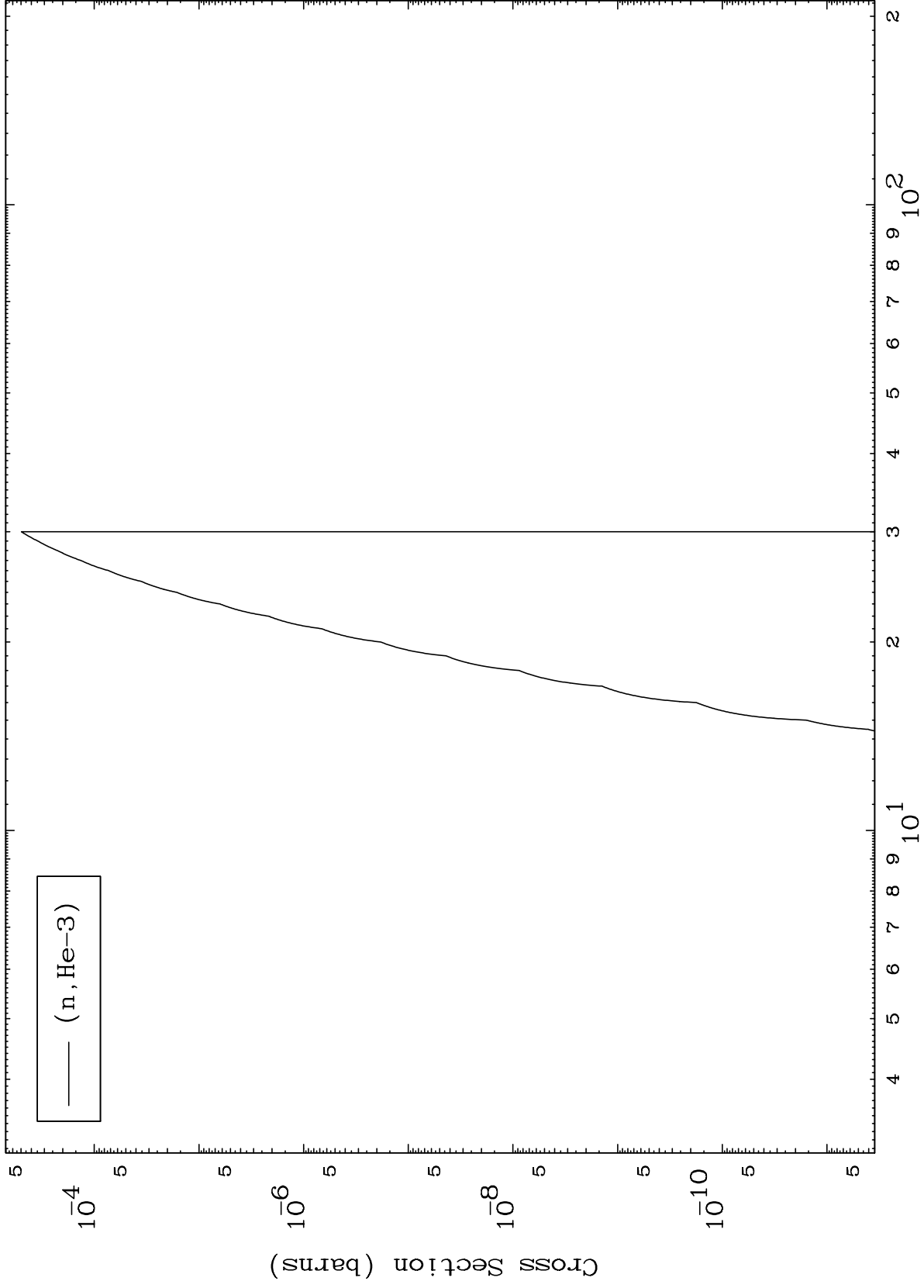
Incident Energy (MeV)

80-Hg-195

MAT 8023

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-195



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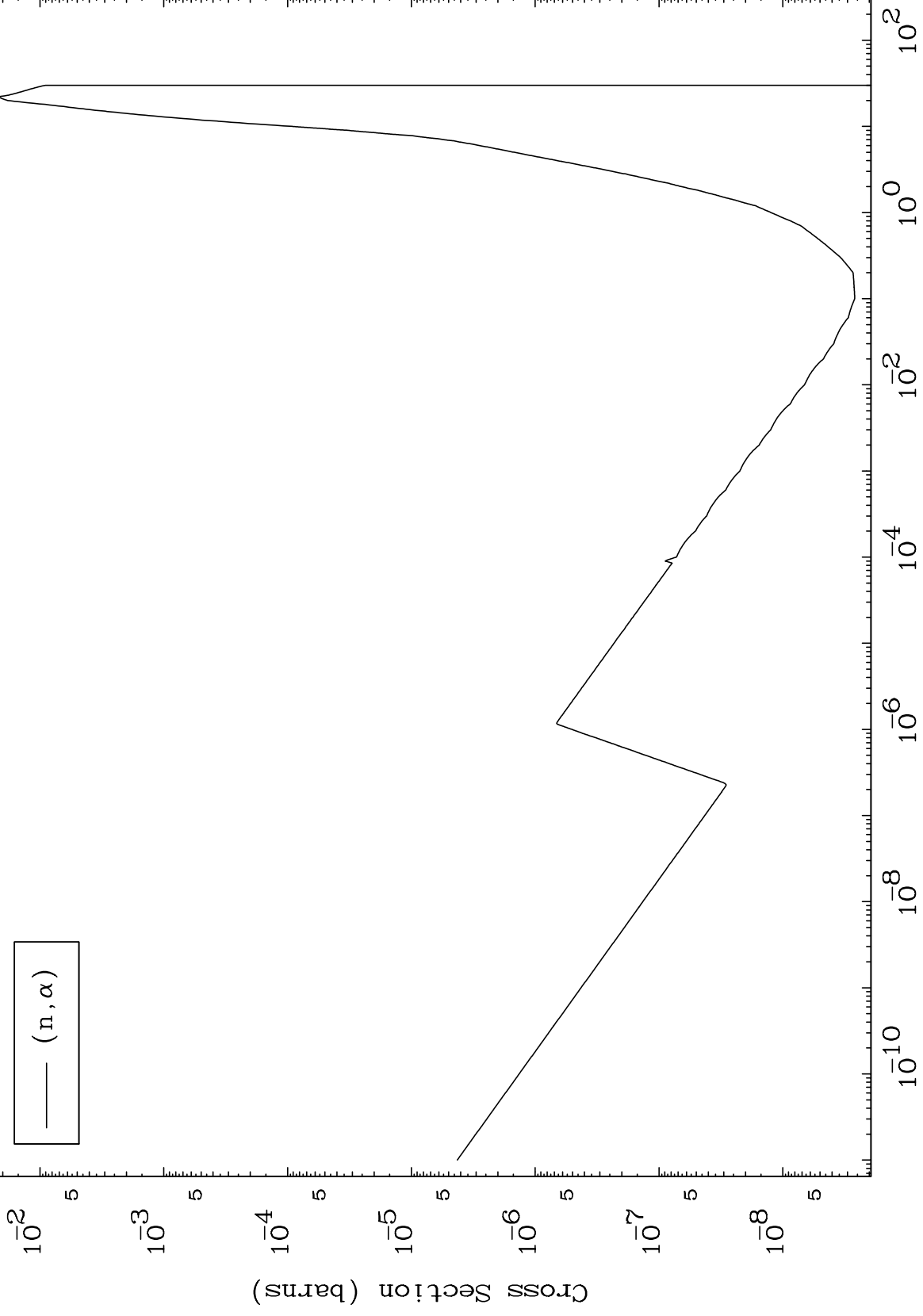
Incident Energy (MeV)

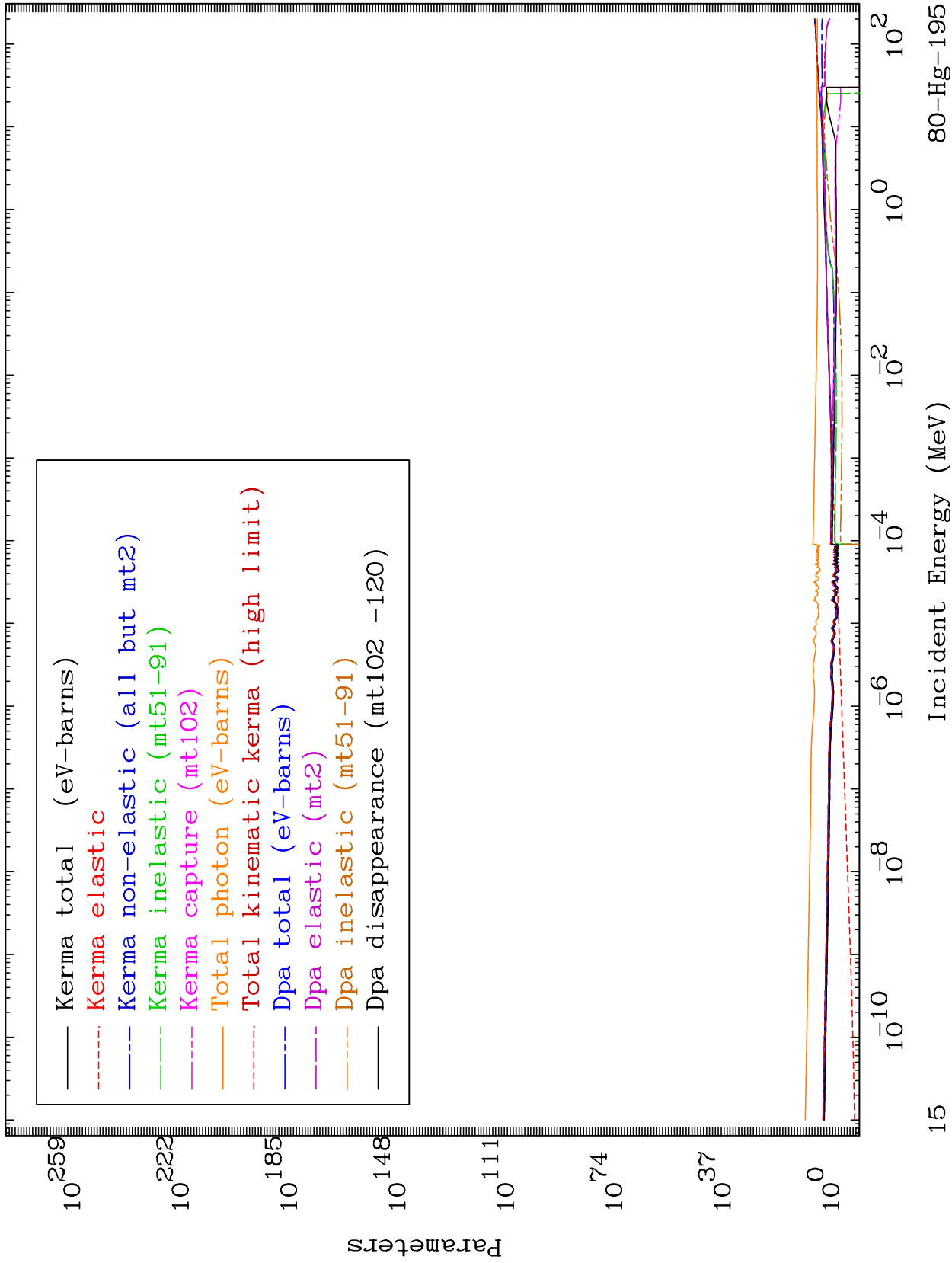
80-Hg-195

MAT 8023

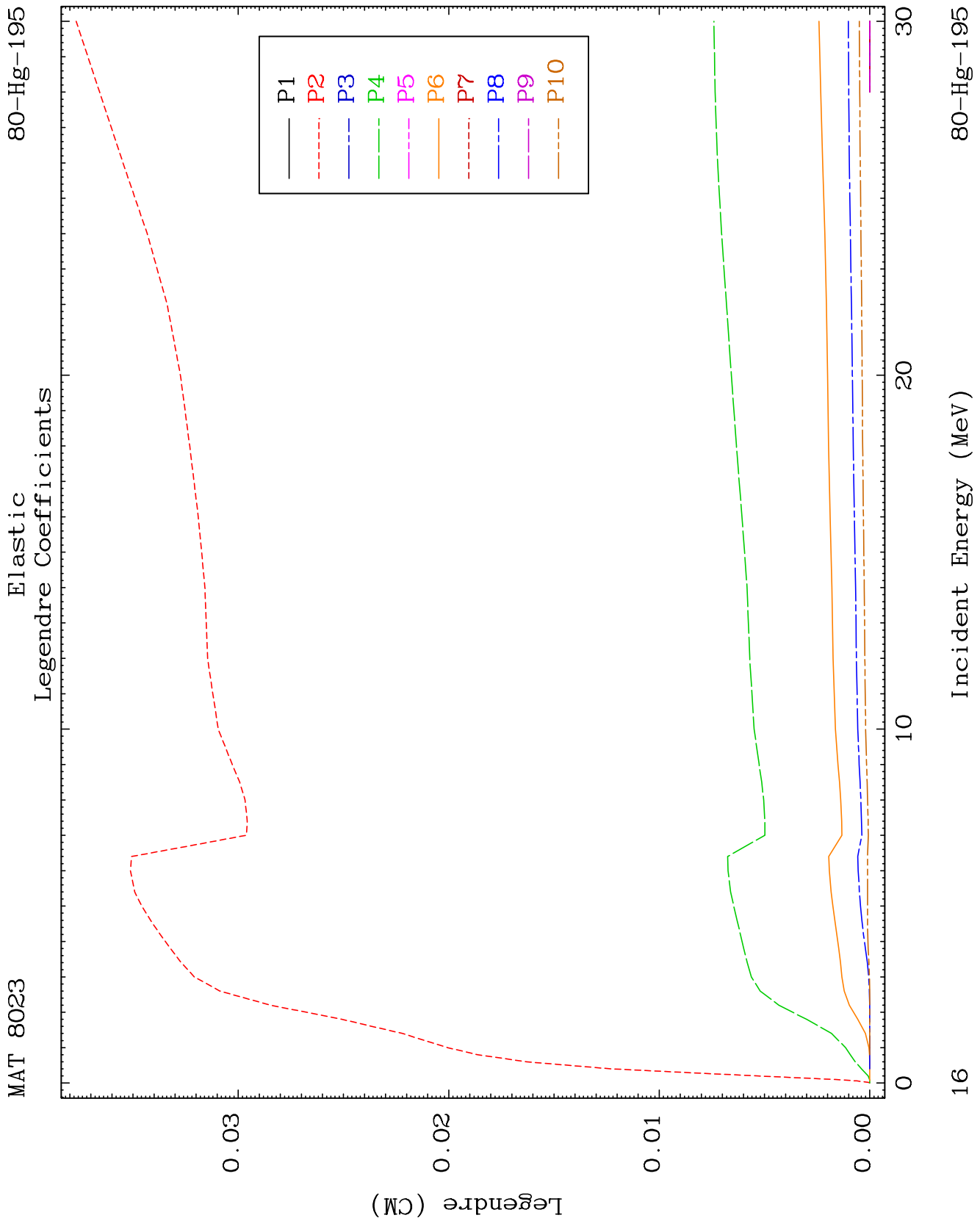
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

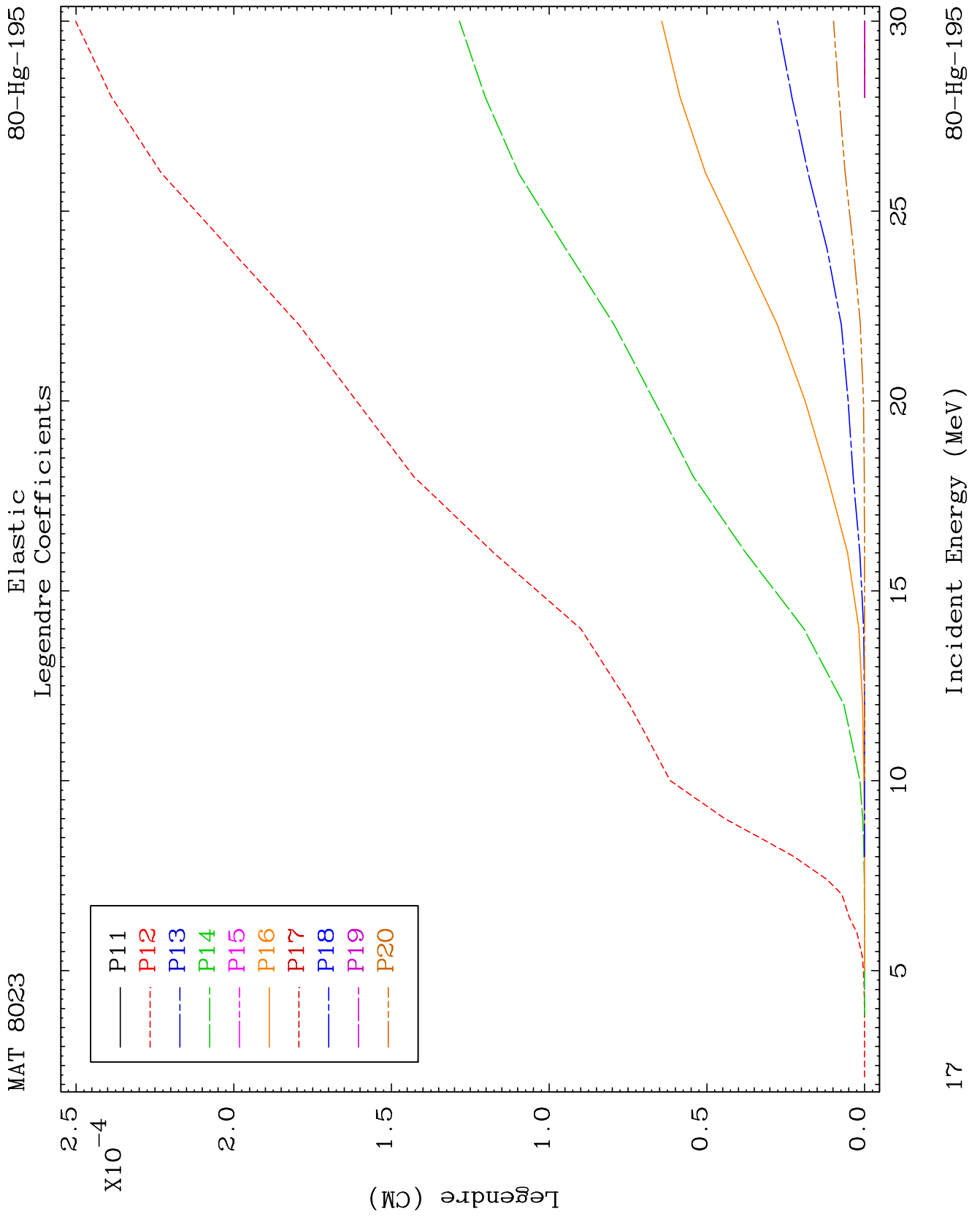
80-Hg-195







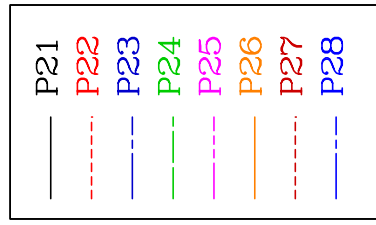




MAT 8023

Elastic  
Legendre Coefficients

80-Hg-195



$\times 10^{-6}$   
1.5  
1.0  
0.5  
0.0

Legendre (CM)



80-Hg-195

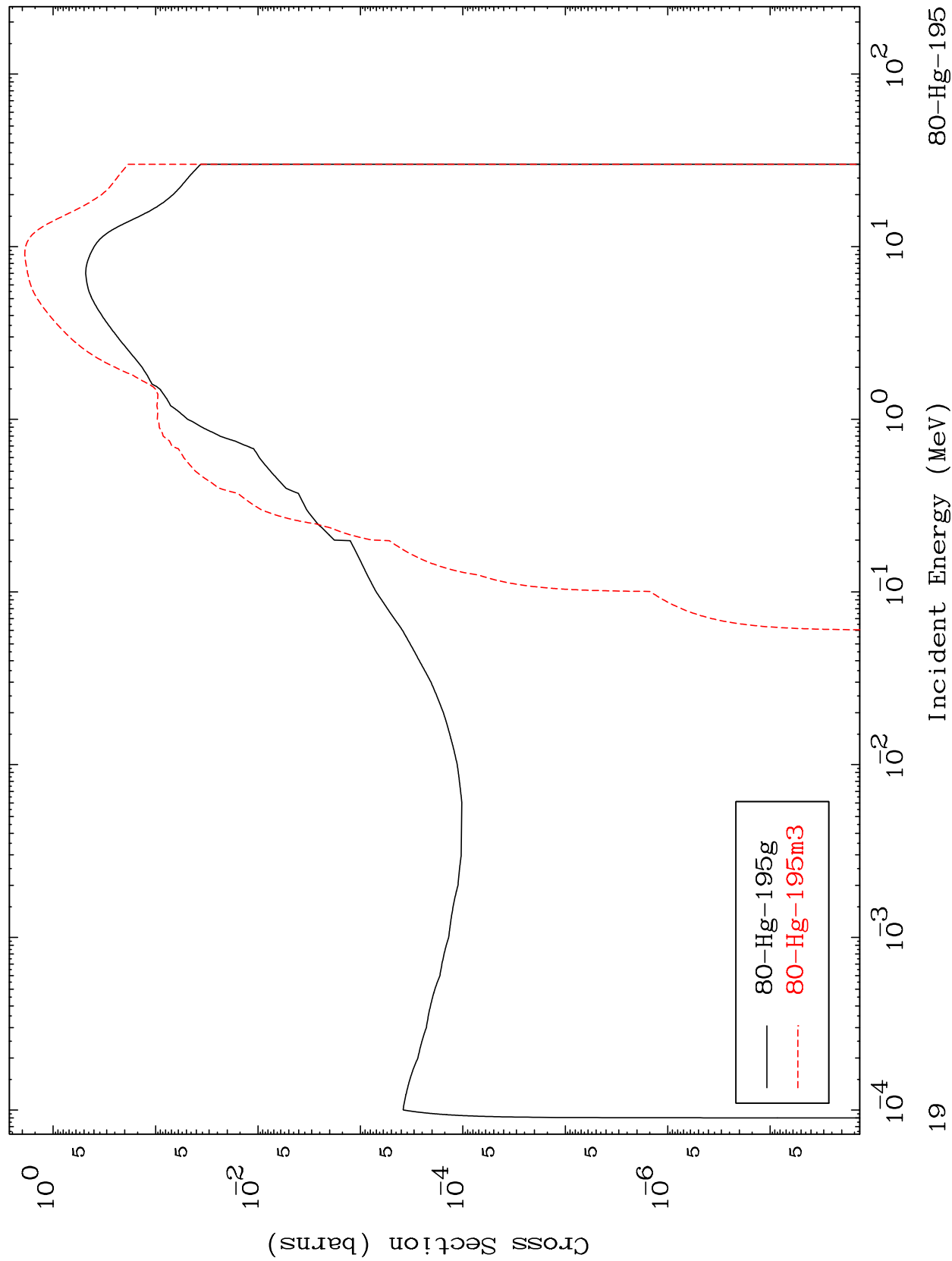
Incident Energy (MeV)

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MAT 8023

80-Hg-195

Inelastic  
Radionuclide Production Cross Section

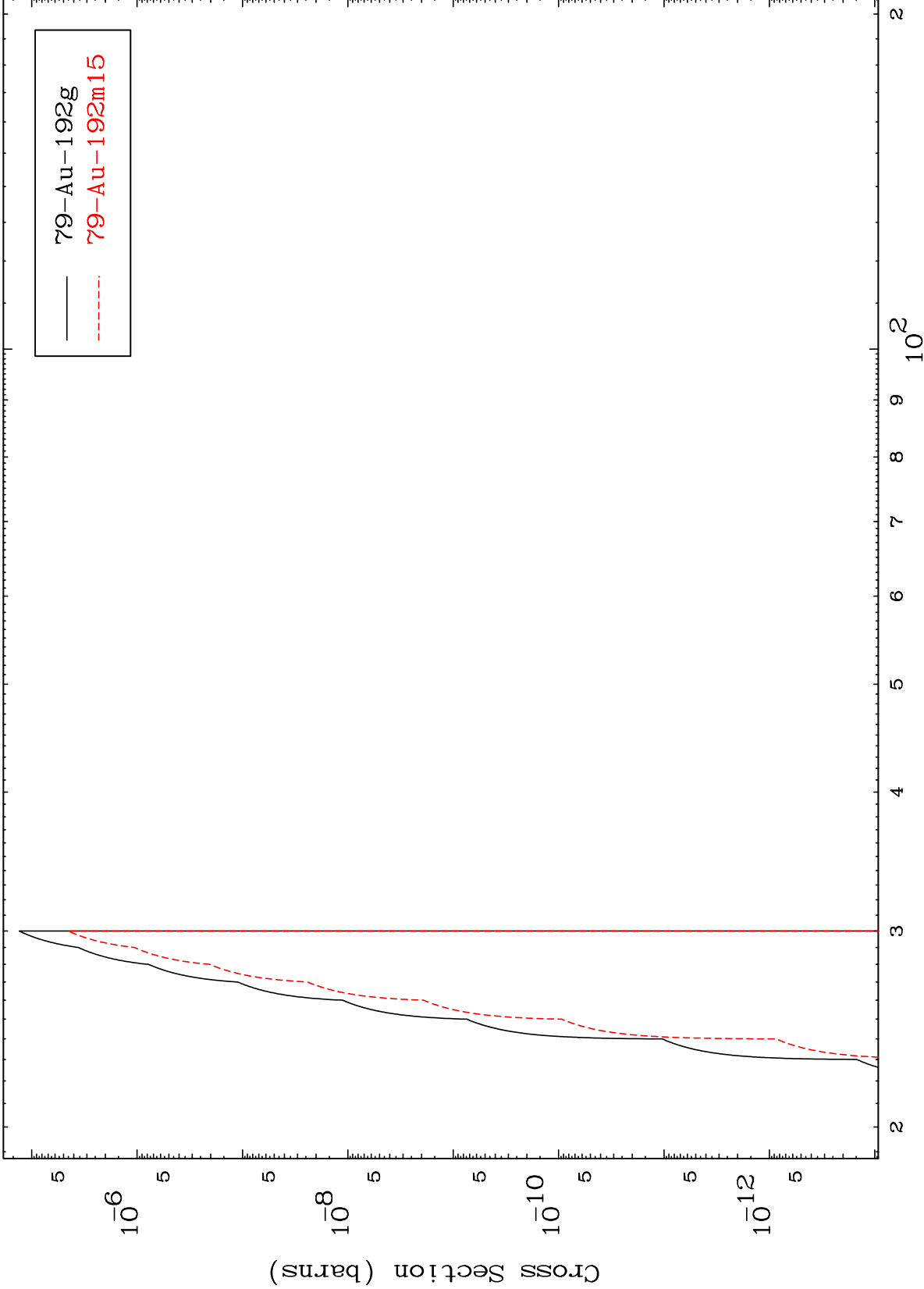


MAT 8023

(n,2n) d

80-Hg-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

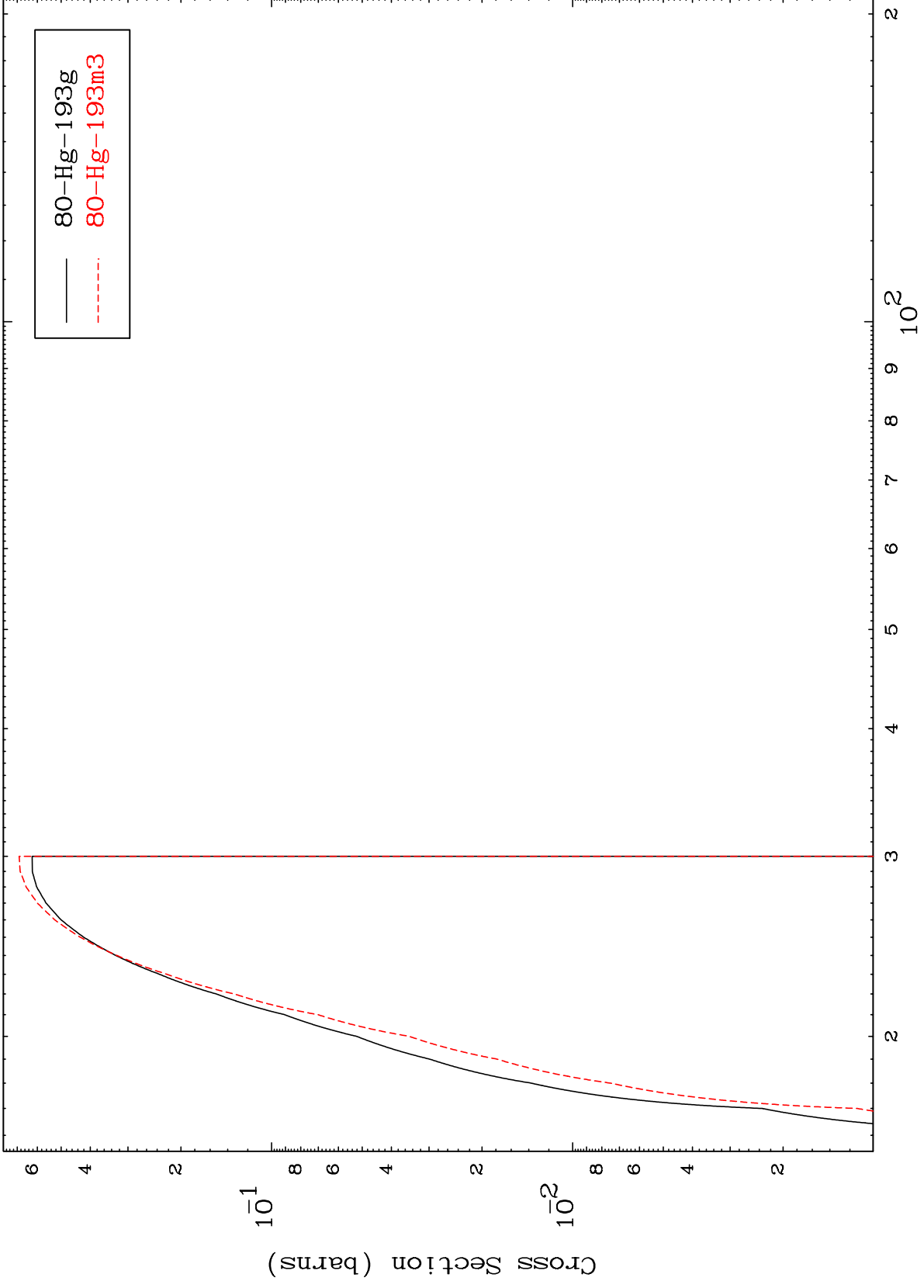
80-Hg-195

MAT 8023

(n,3n)

80-Hg-195

Radionuclide Production Cross Section



21

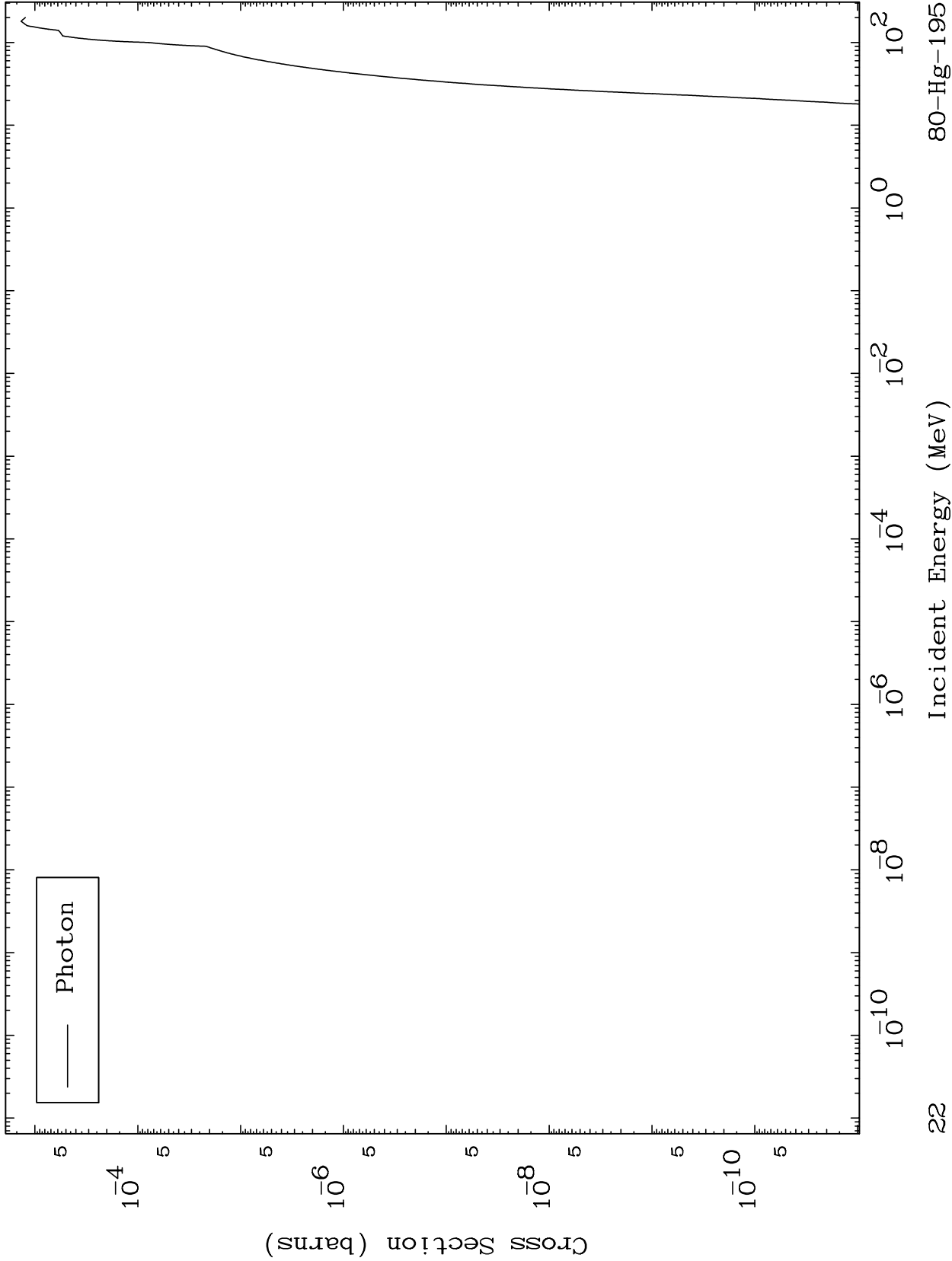
Incident Energy (MeV)

80-Hg-195

MAT 8023

Fission  
Radionuclide Production Cross Section

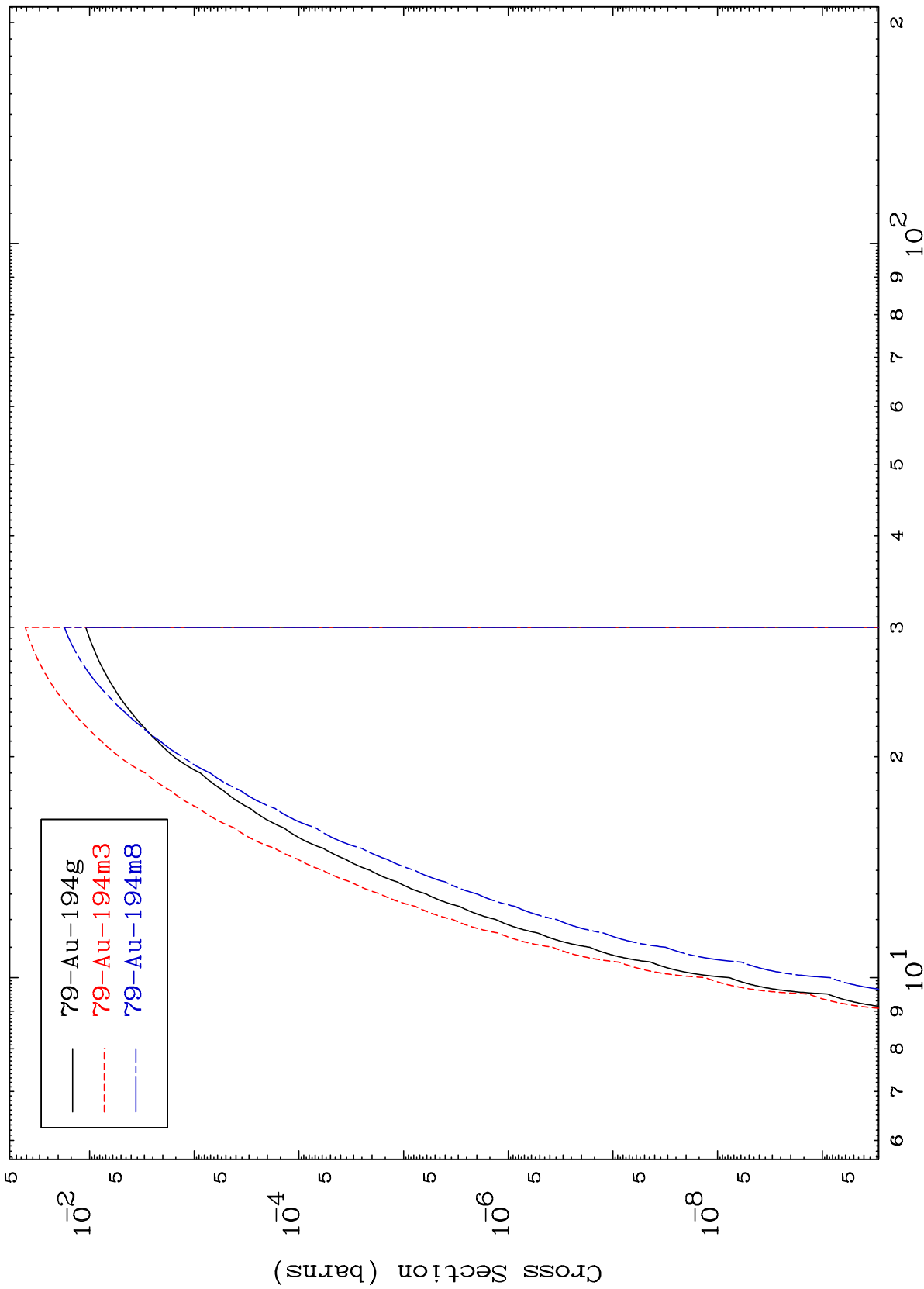
80-Hg-195



MAT 8023

80-Hg-195

(n,n') p  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-195

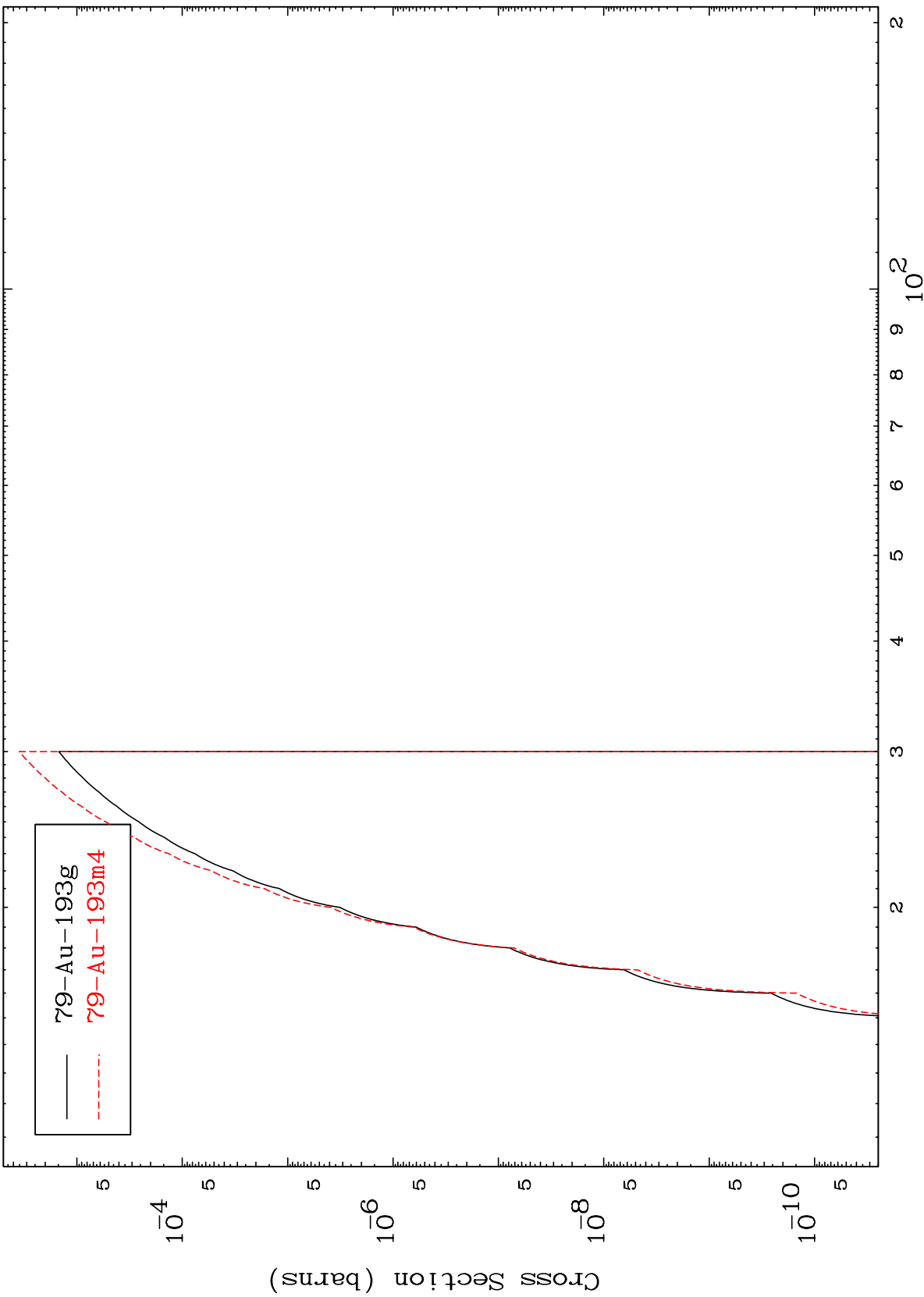


MAT 8023

(n,n') d

80-Hg-195

Radionuclide Production Cross Section



24

Incident Energy (MeV)

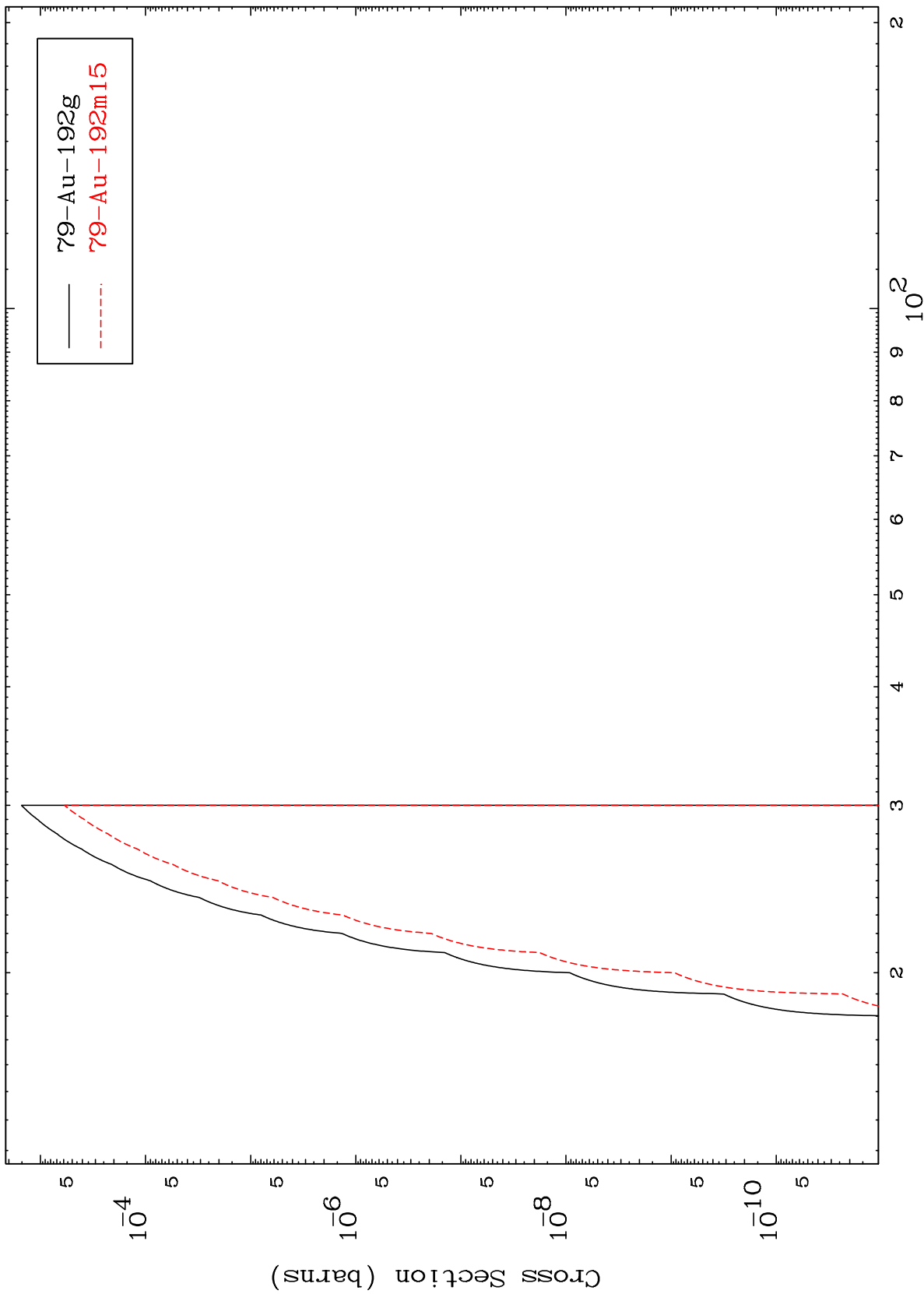
80-Hg-195

MAT 8023

(n,n') t

80-Hg-195

Radionuclide Production Cross Section



25

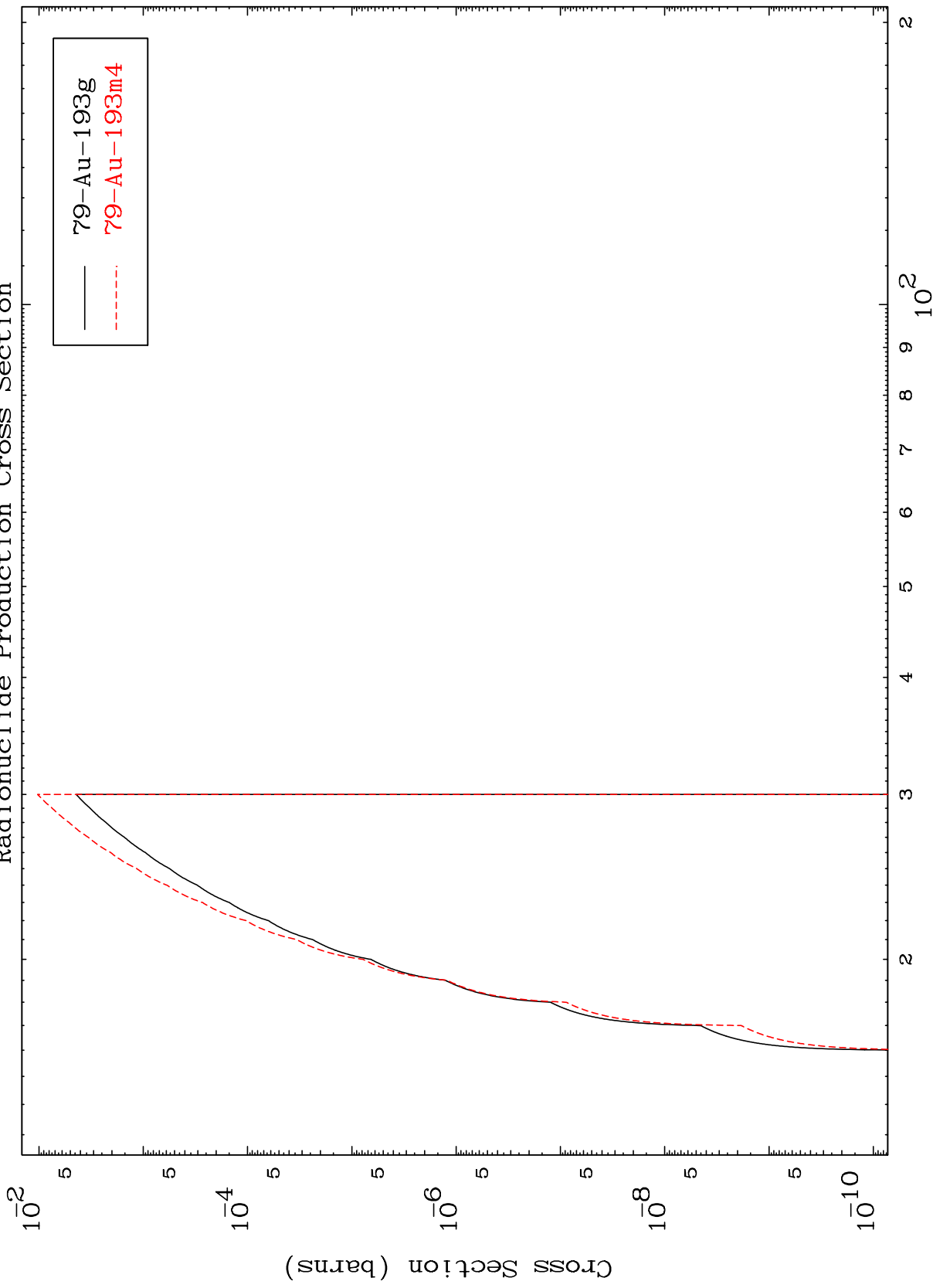
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

(n,2n) p  
Radionuclide Production Cross Section

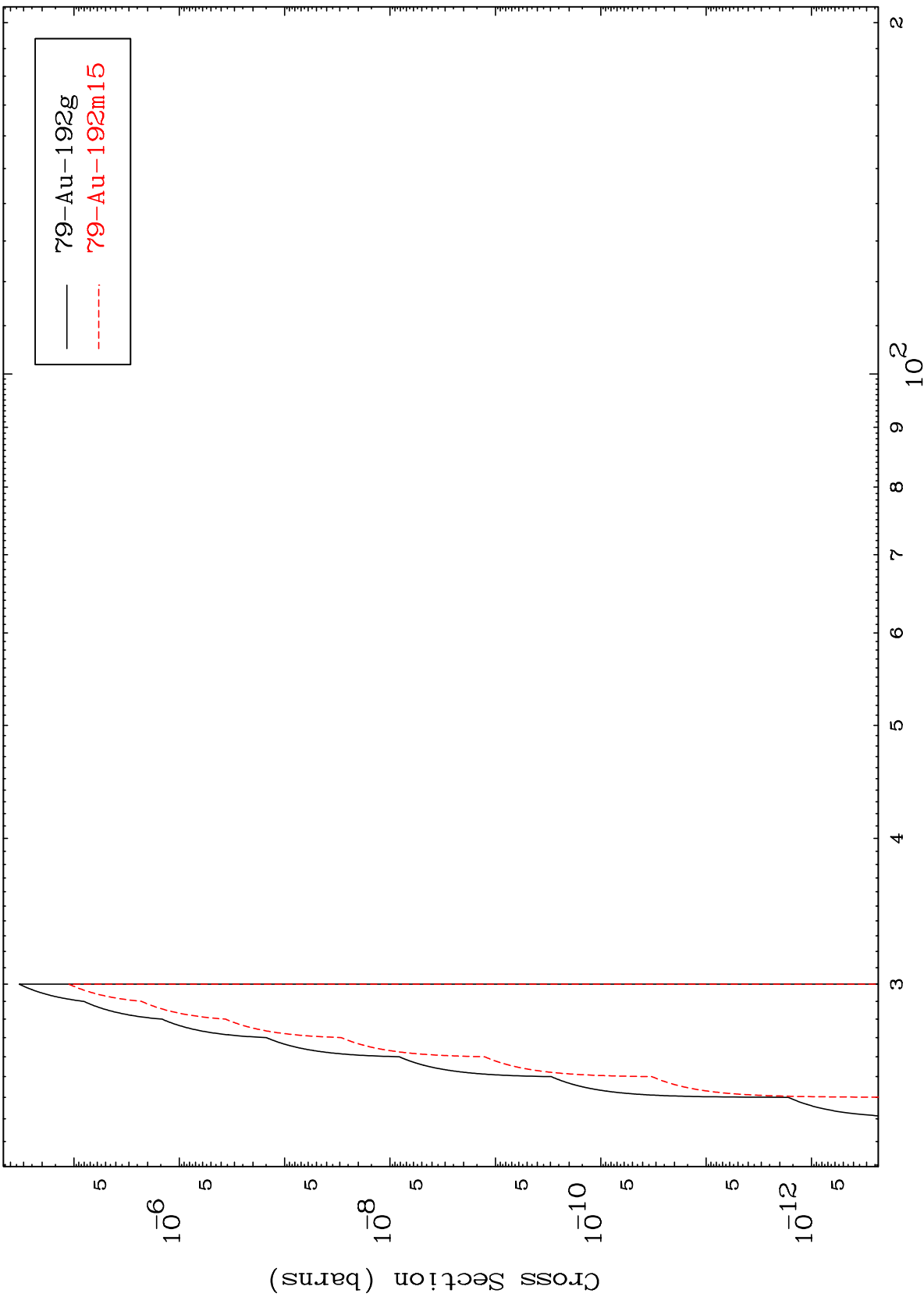


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Incident Energy (MeV)

80-Hg-195

Radionuclide Production Cross Section

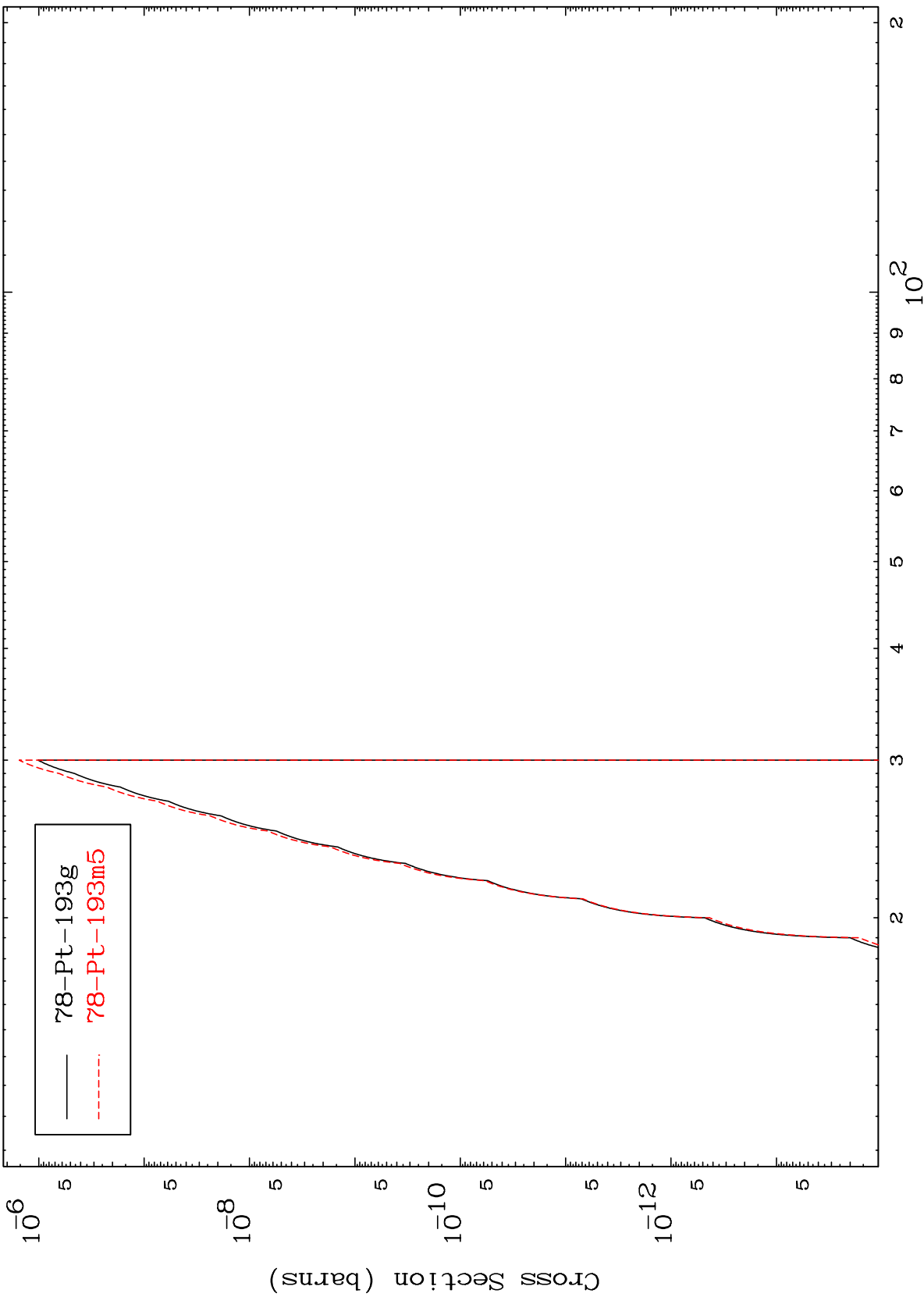


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(n,2n) p

80-Hg-195

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

Incident Energy (MeV)

80-Hg-195

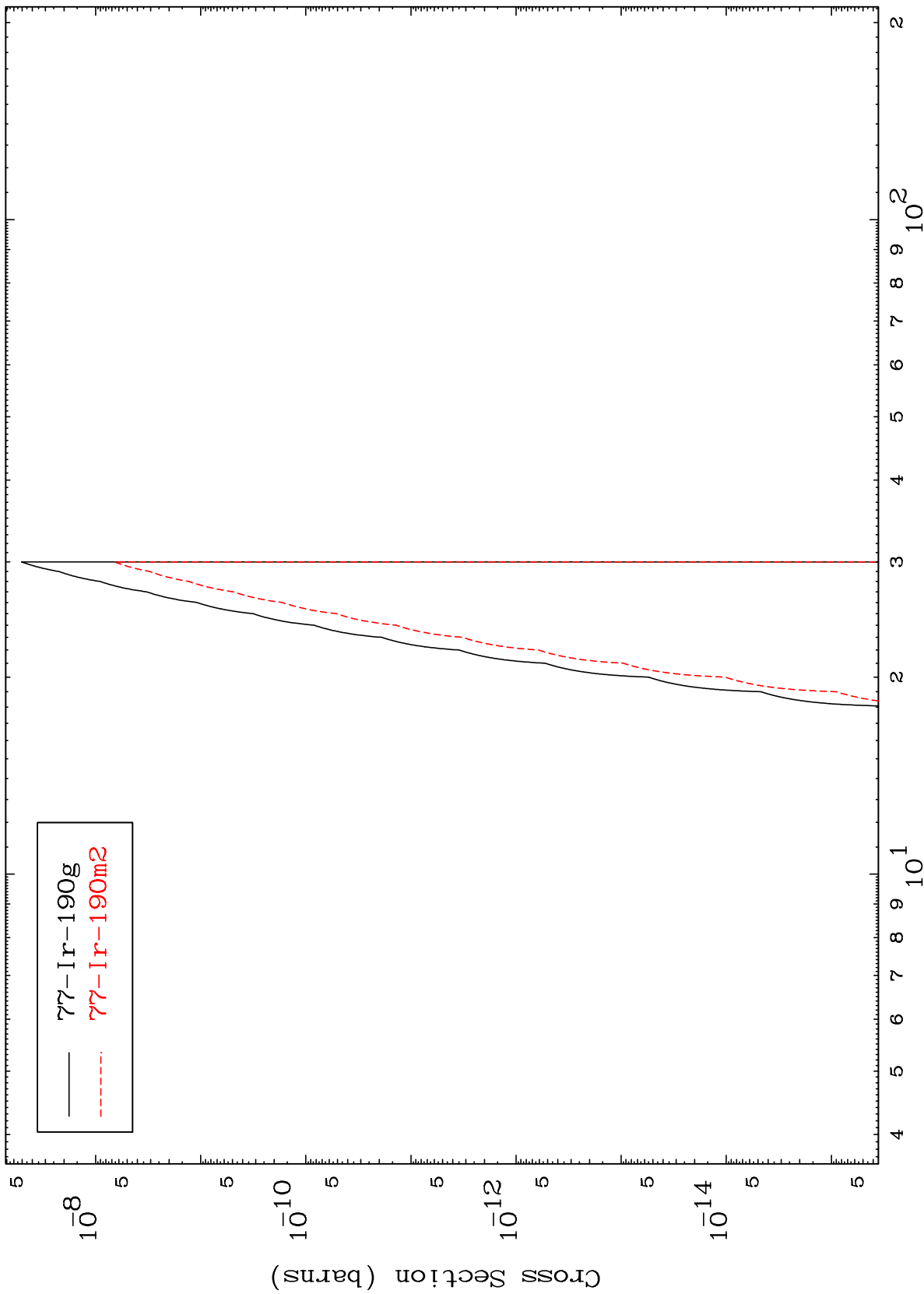
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MAT 8023

(n,n') p  $\alpha$

80-Hg-195

Radionuclide Production Cross Section

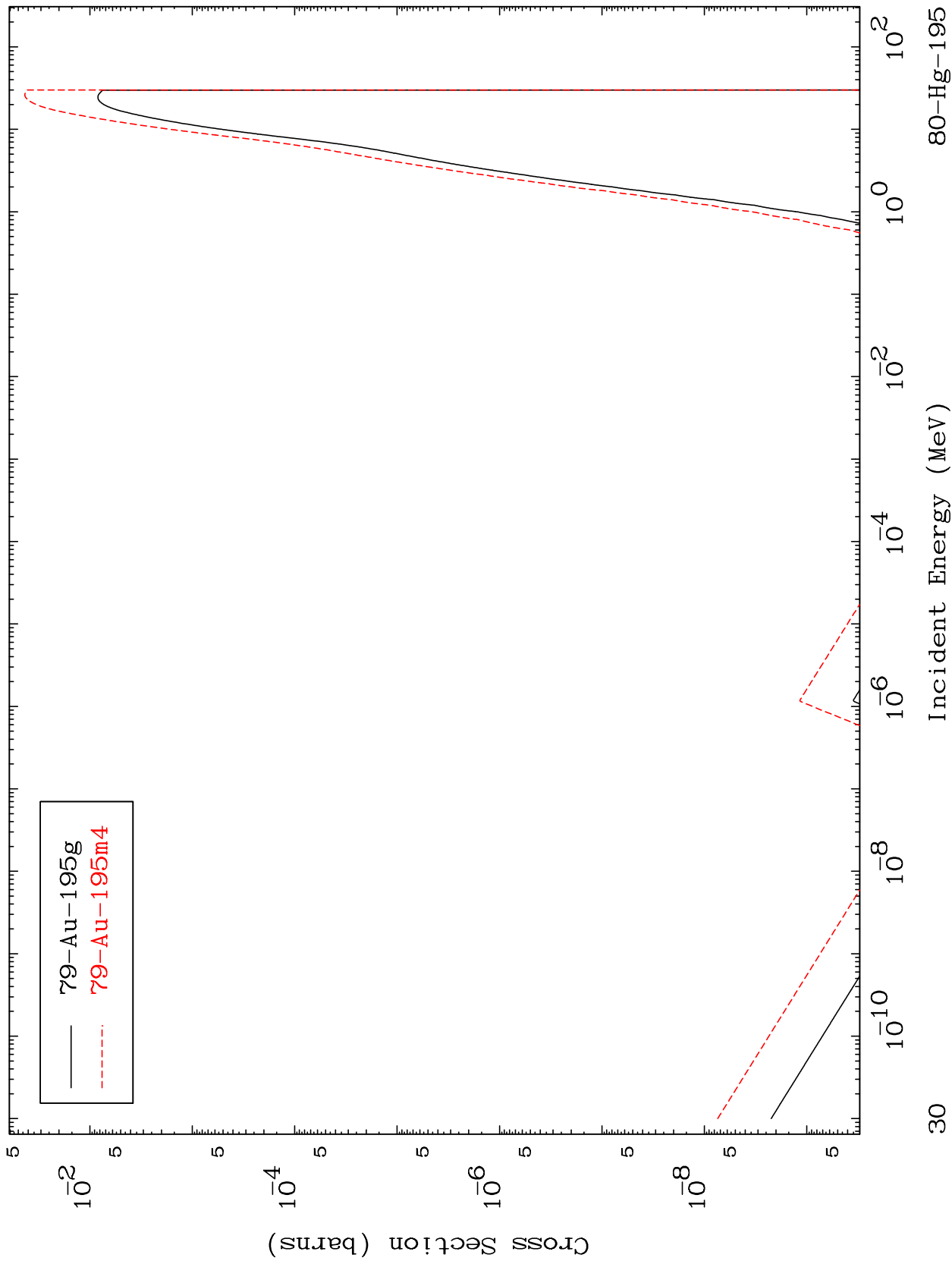


—  $^{77}\text{Ir-190g}$   
- - -  $^{77}\text{Ir-190m2}$

MAT 8023

(n,p)  
Radionuclide Production Cross Section

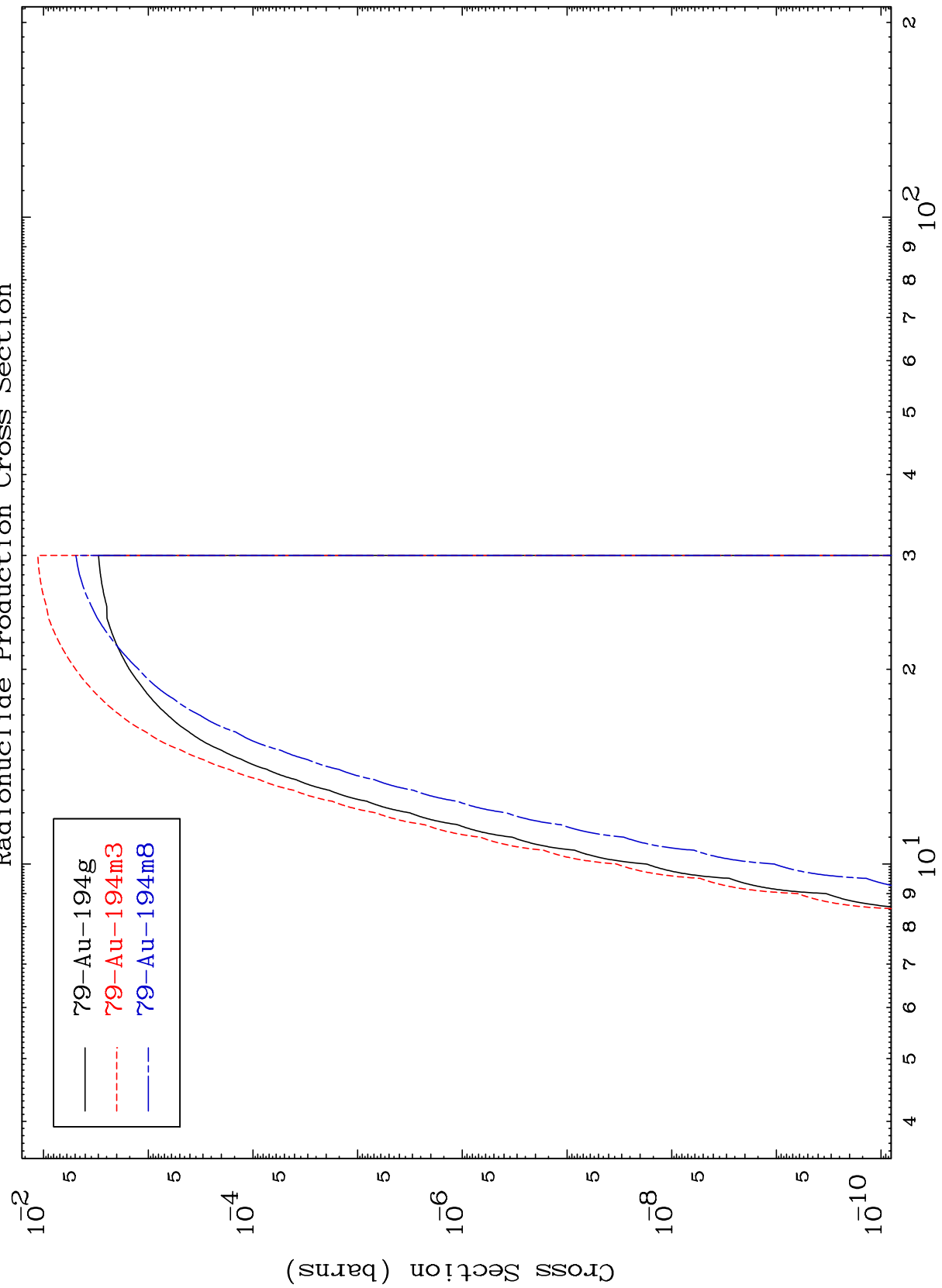
80-Hg-195



MAT 8023

80-Hg-195

(n, d)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

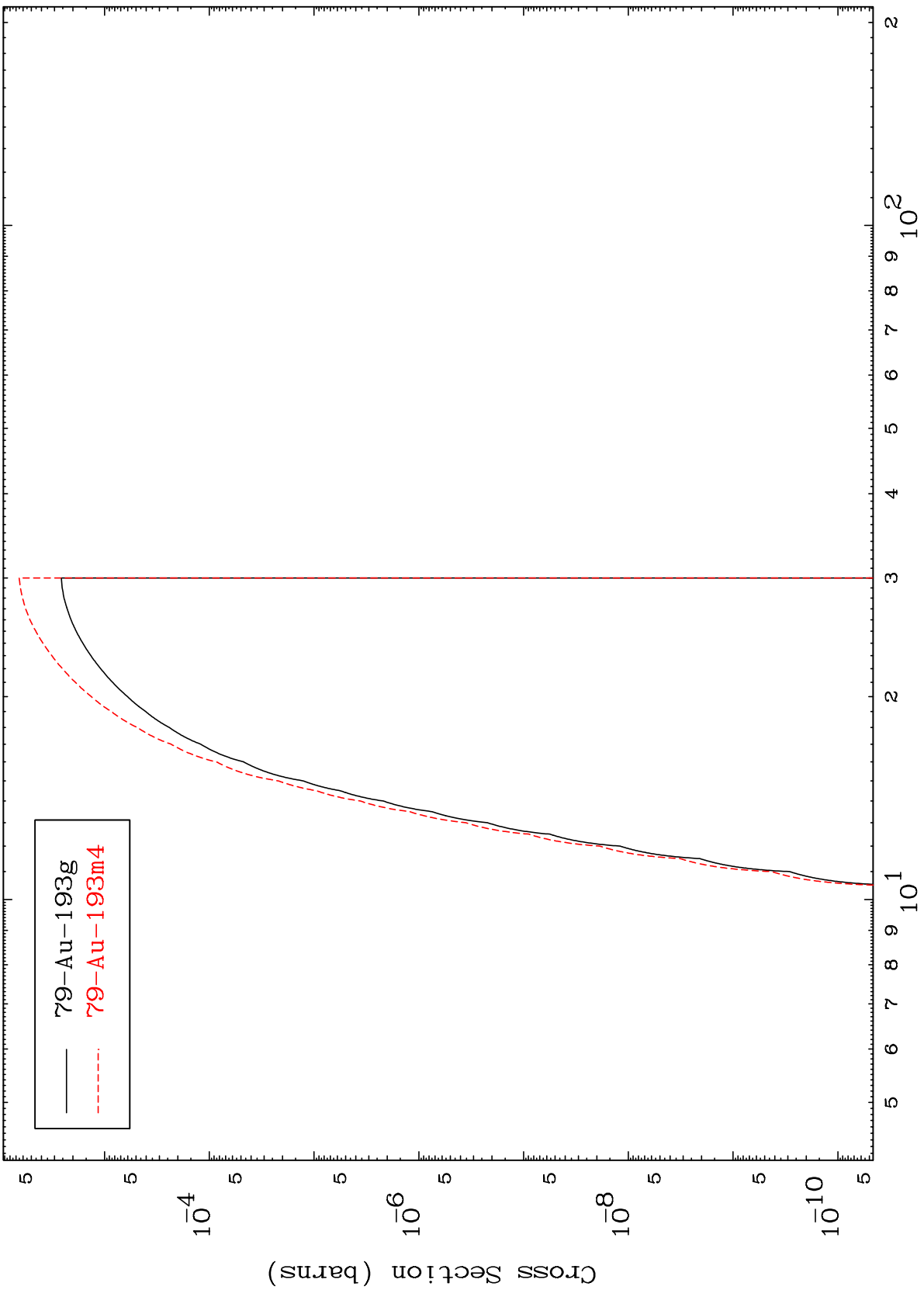
80-Hg-195



MAT 8023

80-Hg-195

Radionuclide Production Cross Section (n, t)



32

Incident Energy (MeV)

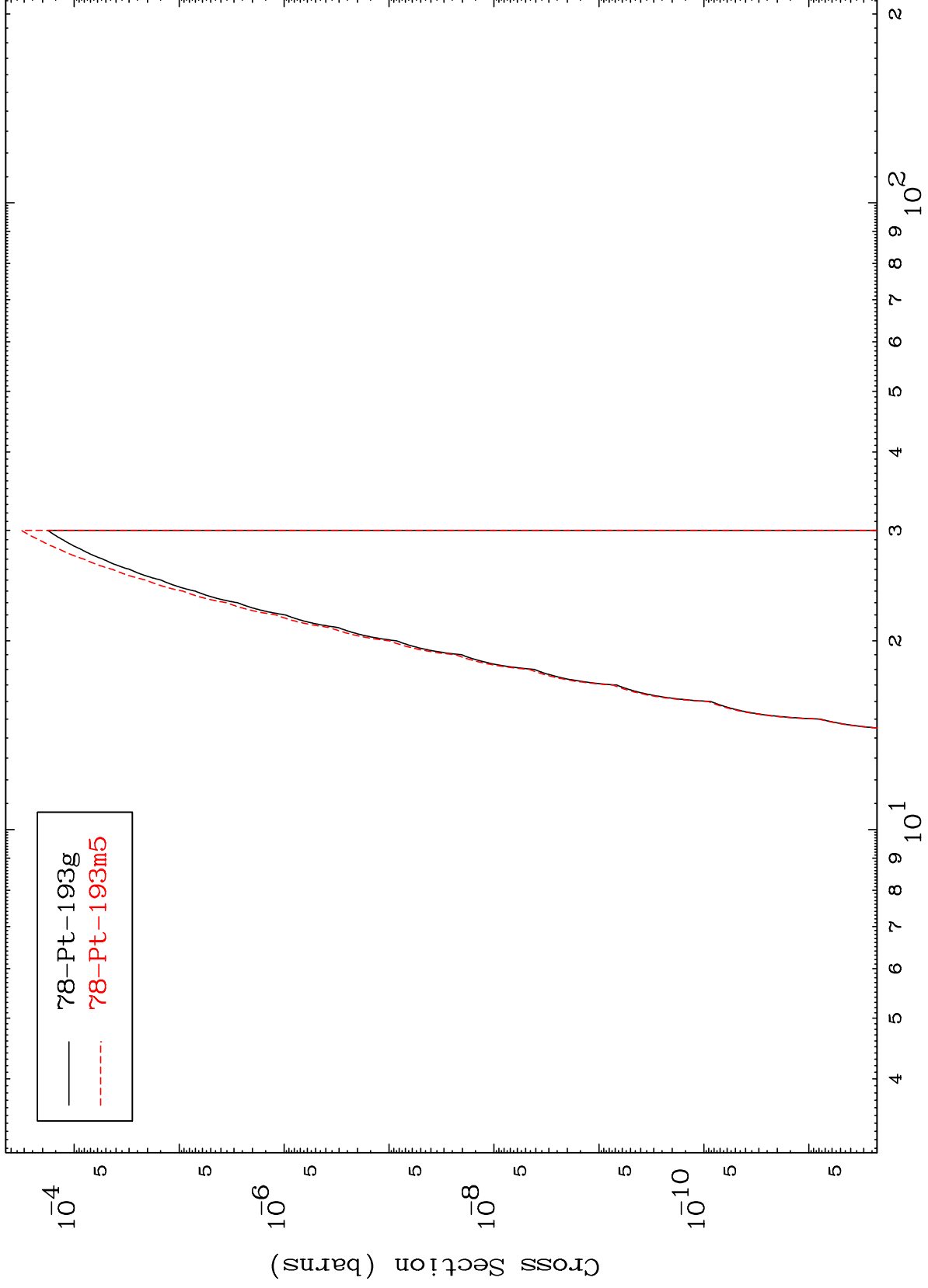
80-Hg-195

MAT 8023

(n,He-3)

80-Hg-195

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

33

Incident Energy (MeV)

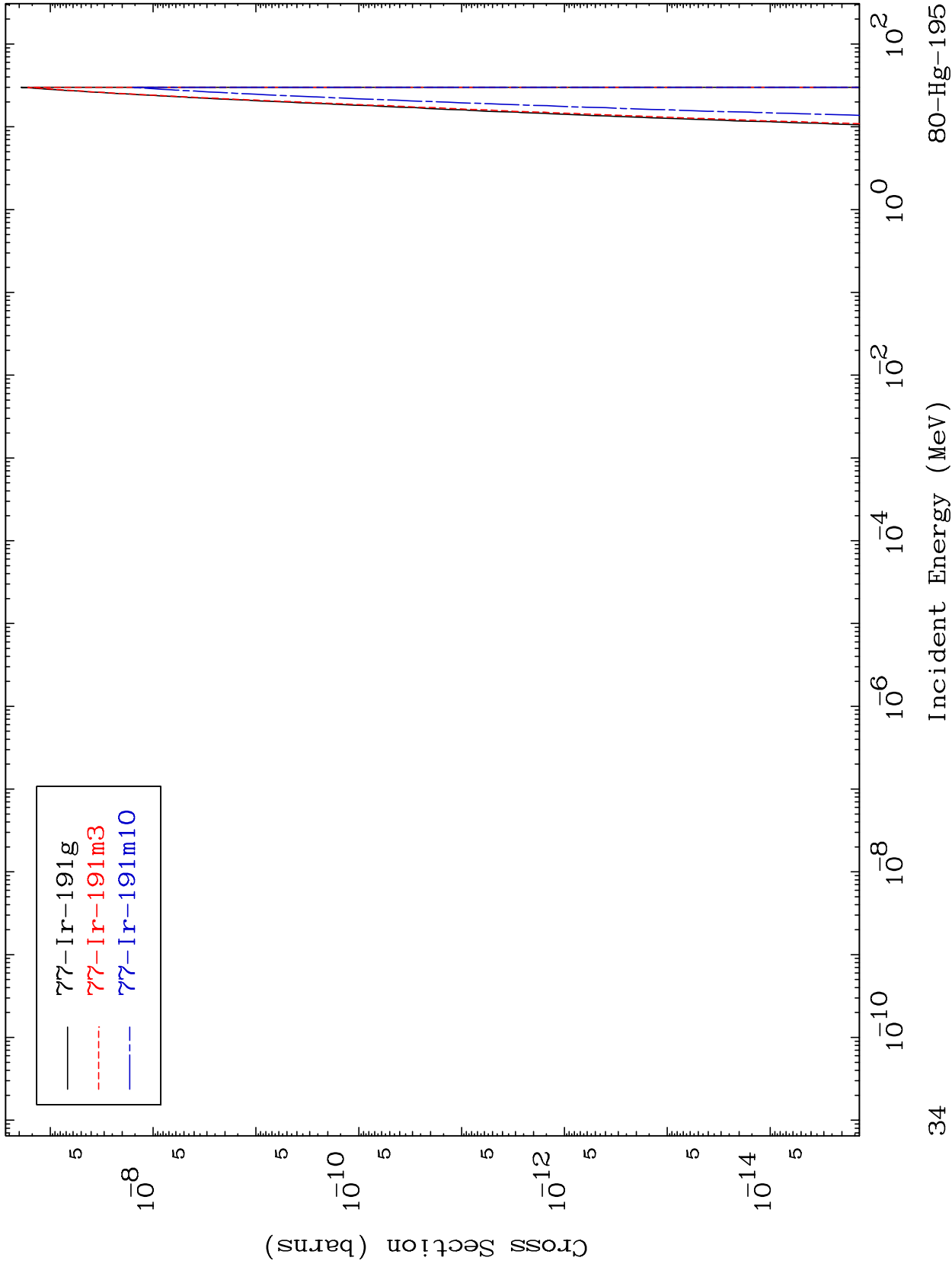
80-Hg-195

MAT 8023

(n,p)  $\alpha$

80-Hg-195

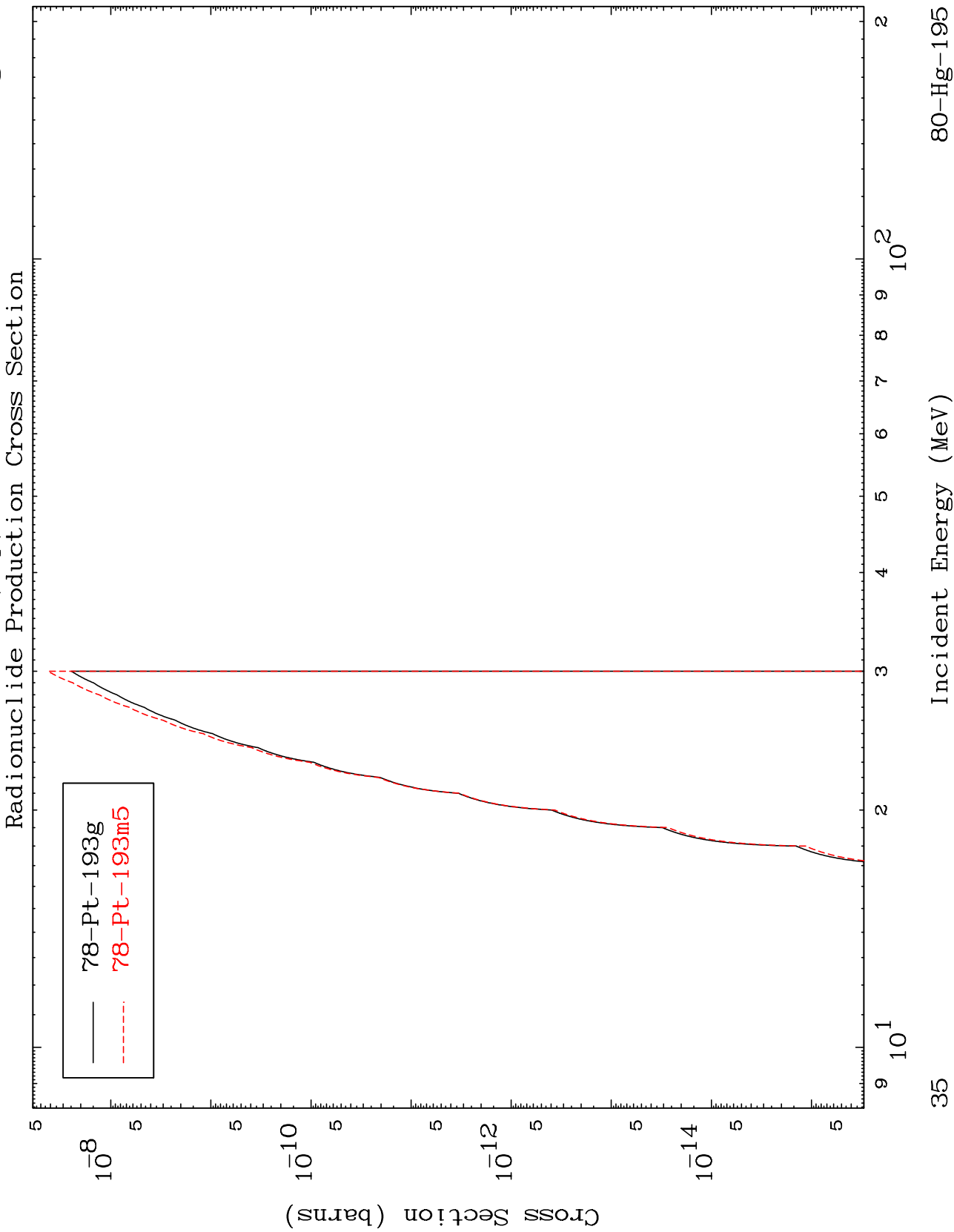
Radionuclide Production Cross Section



MAT 8023

(n,p) d

80-Hg-195



35

Incident Energy (MeV)

80-Hg-195

MAT 8023

(n,d)  $\alpha$

80-Hg-195

Radionuclide Production Cross Section

