

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

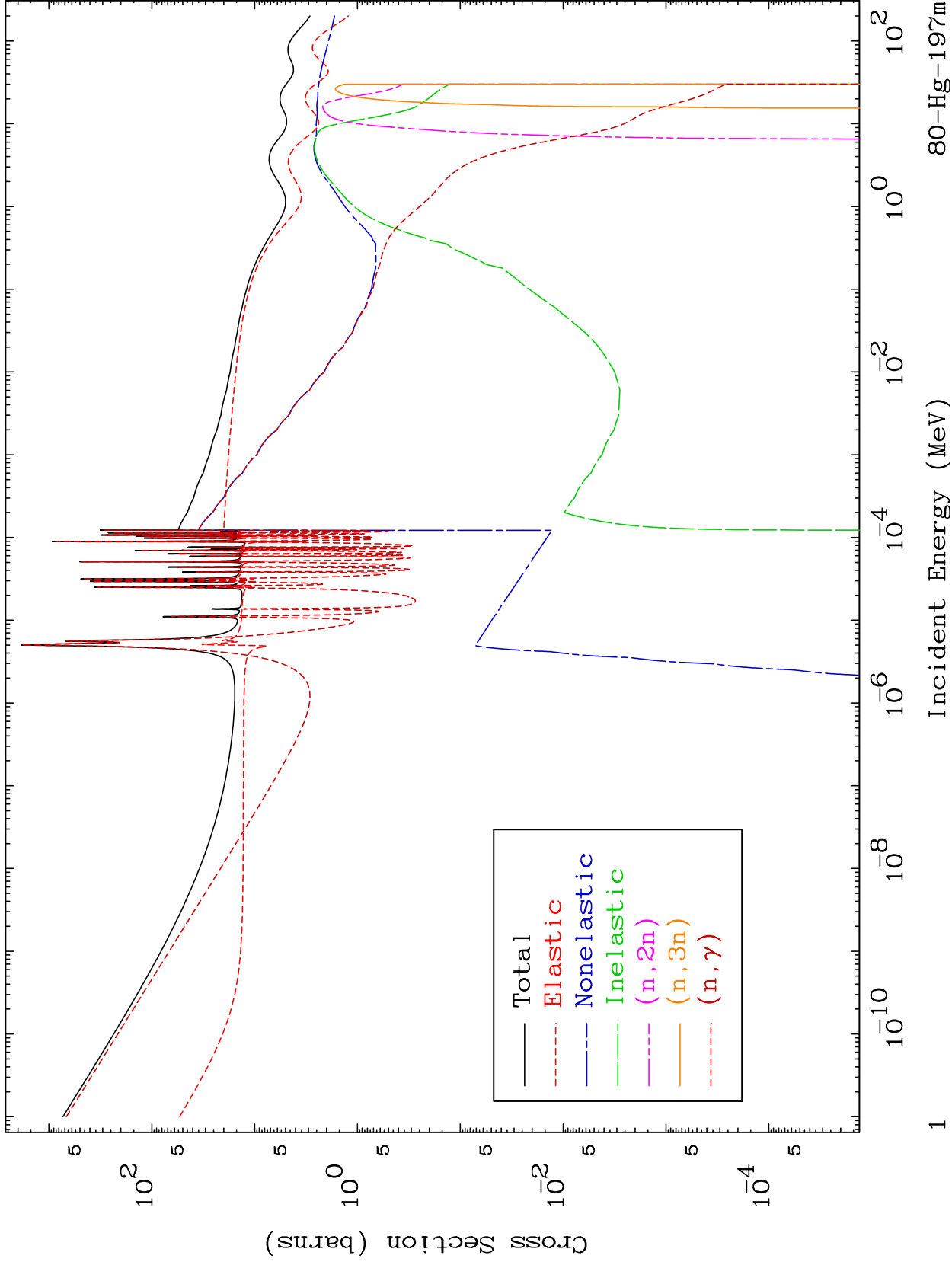
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8029

Neutron Major  
293 Kelvin Cross Sections

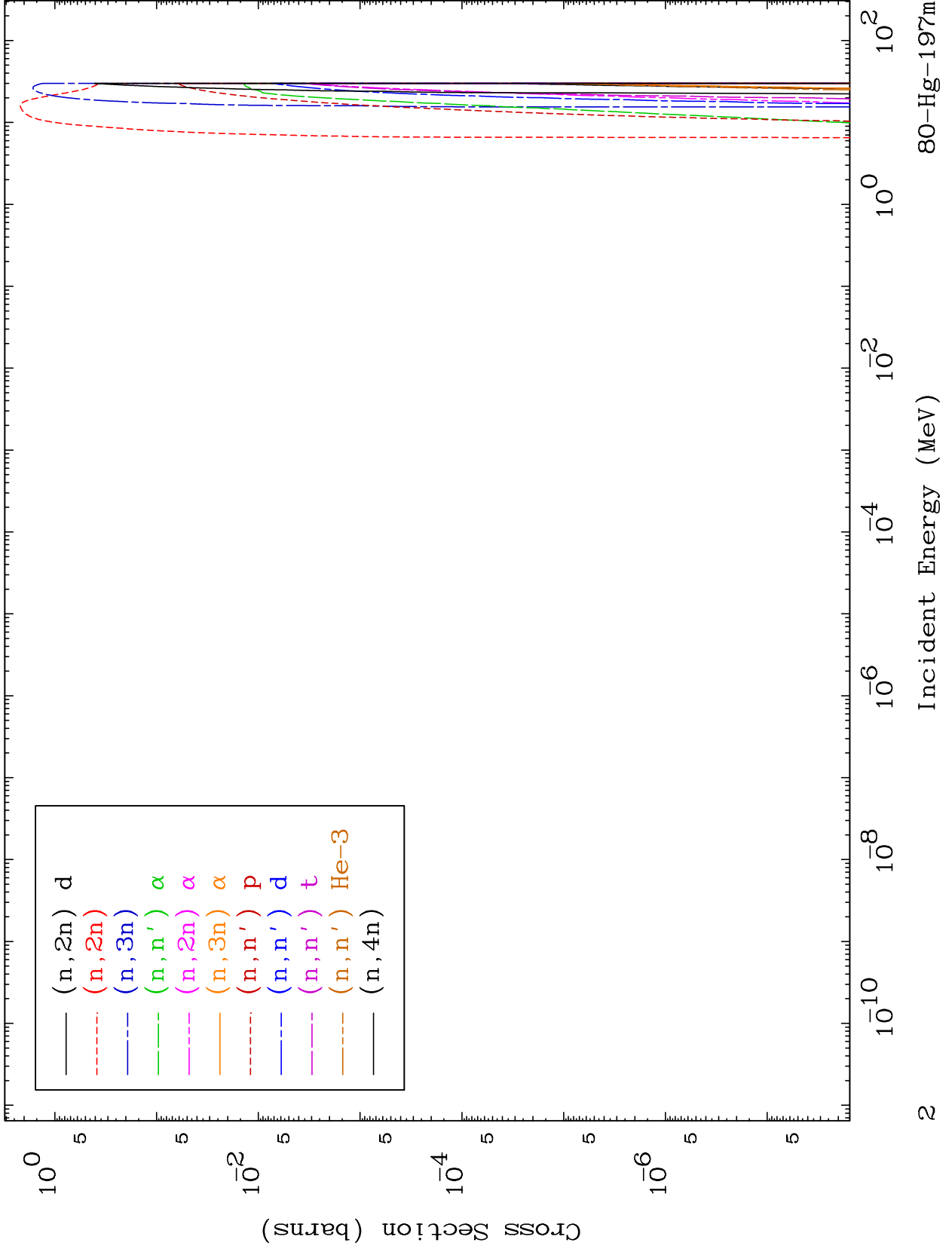
80-Hg-197m



MAT 8029

Neutron Absorption  
293 Kelvin Cross Sections

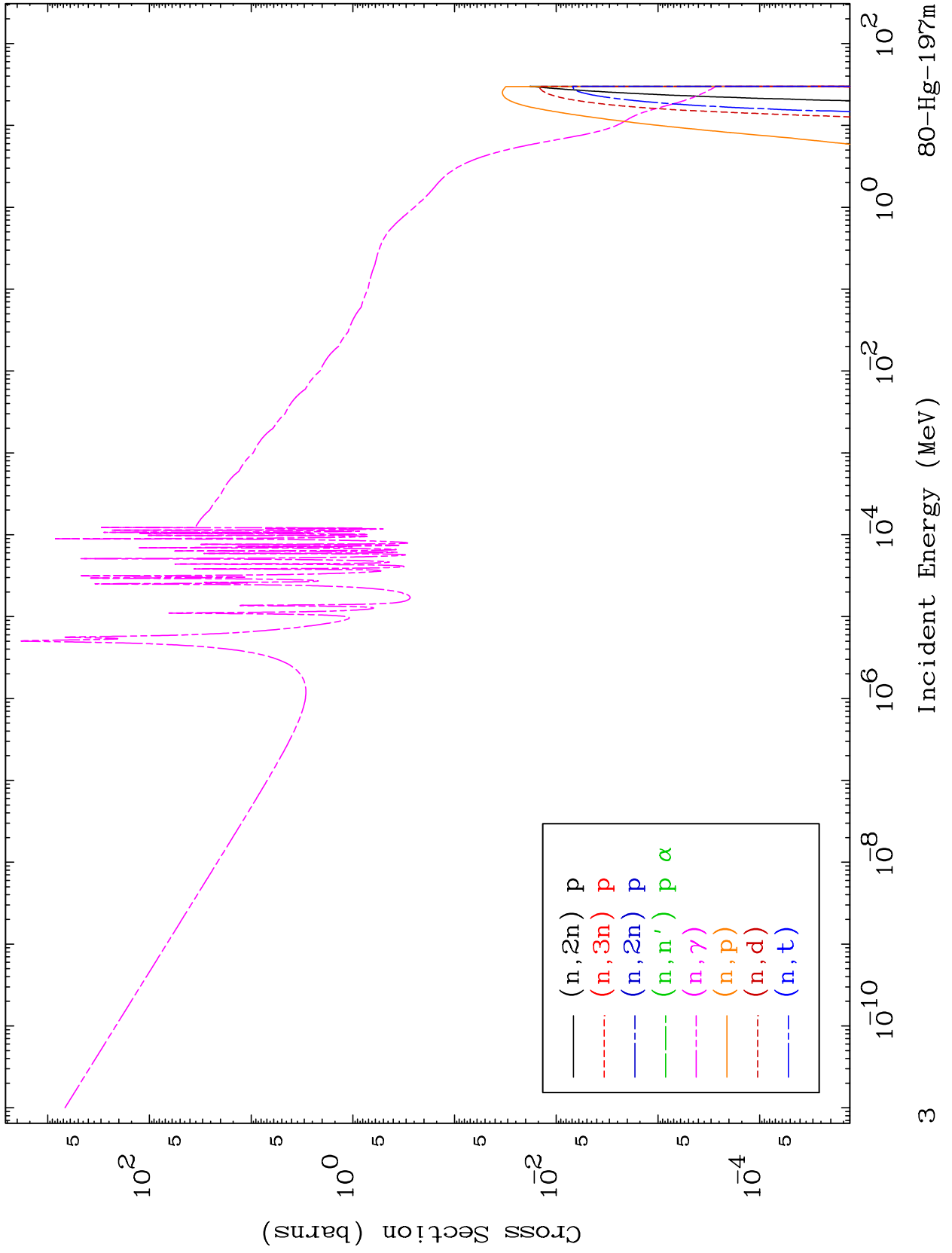
80-Hg-197m



MAT 8029

Neutron Absorption  
293 Kelvin Cross Sections

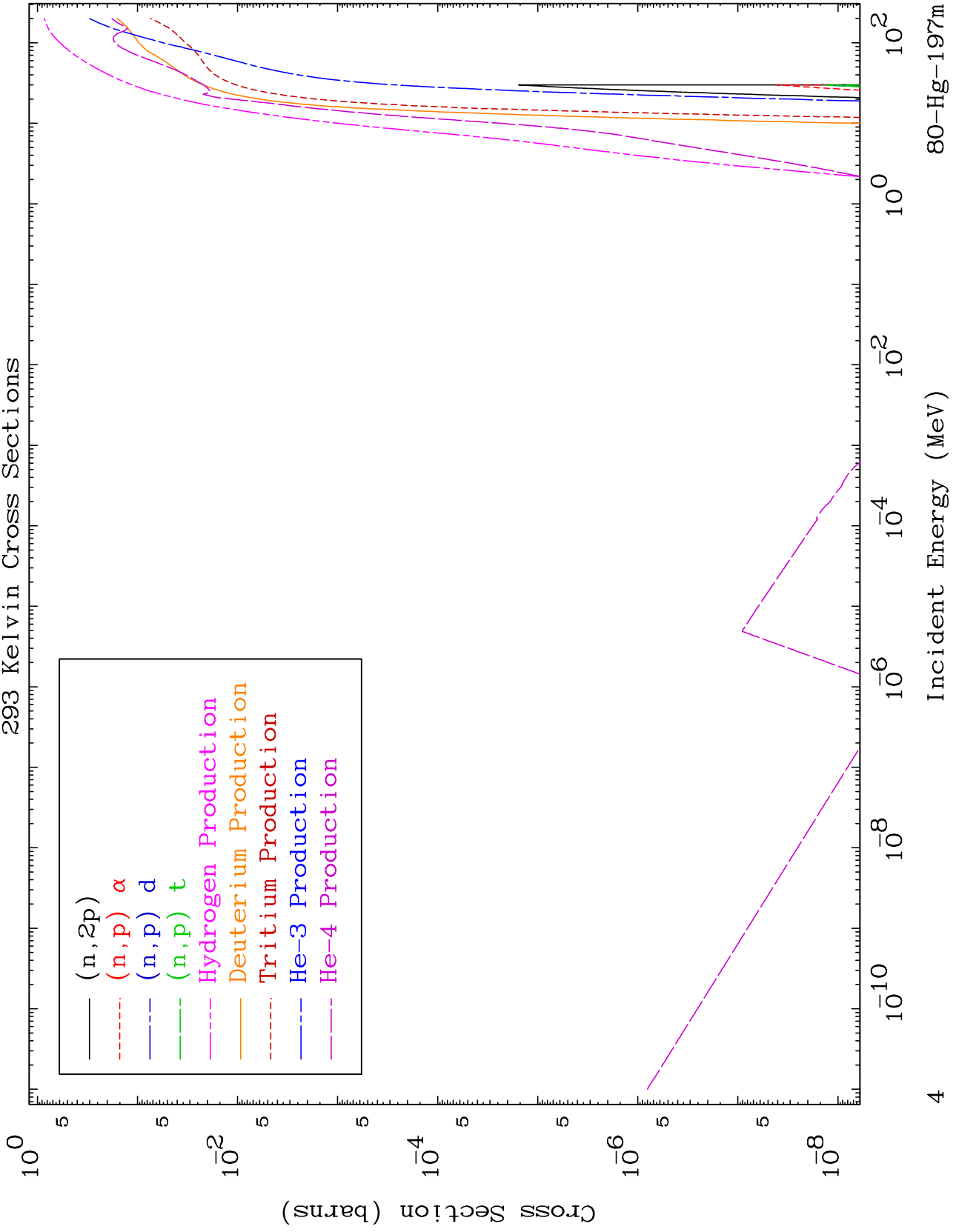
80-Hg-197m



MAT 8029

Neutron Absorption  
293 Kelvin Cross Sections

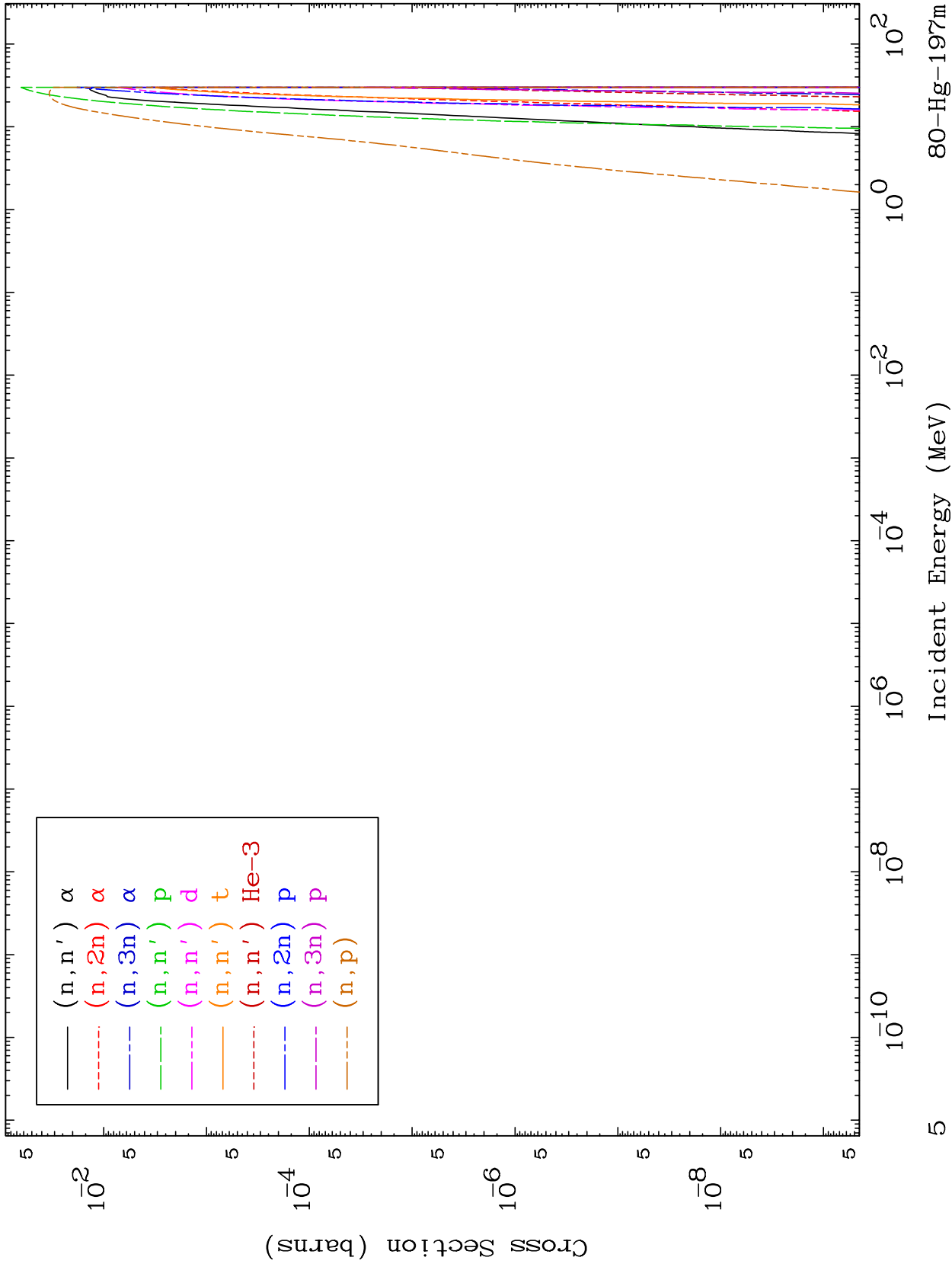
80-Hg-197m



MAT 8029

Charged Particle  
293 Kelvin Cross Sections

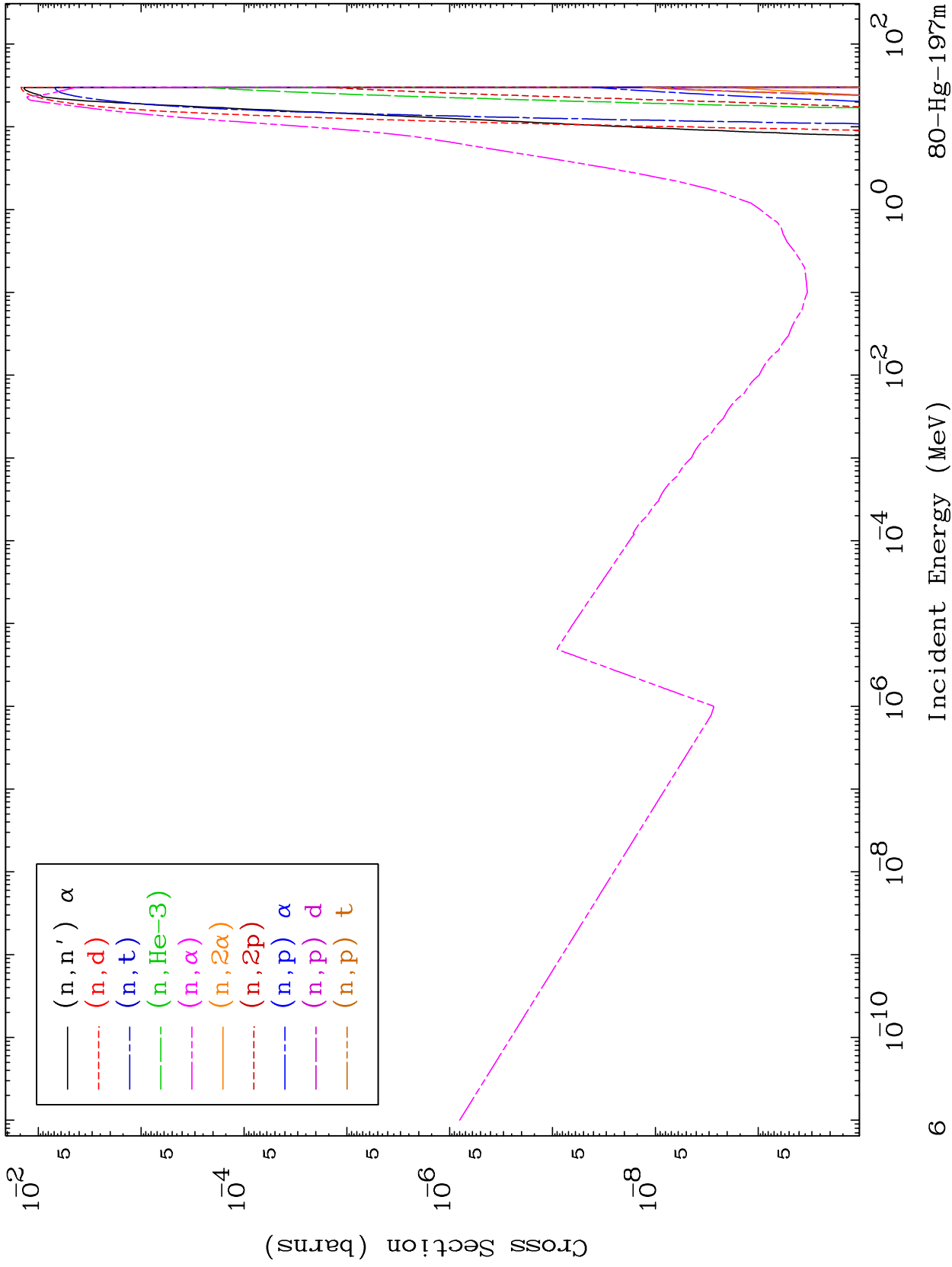
80-Hg-197m



MAT 8029

Charged Particle  
293 Kelvin Cross Sections

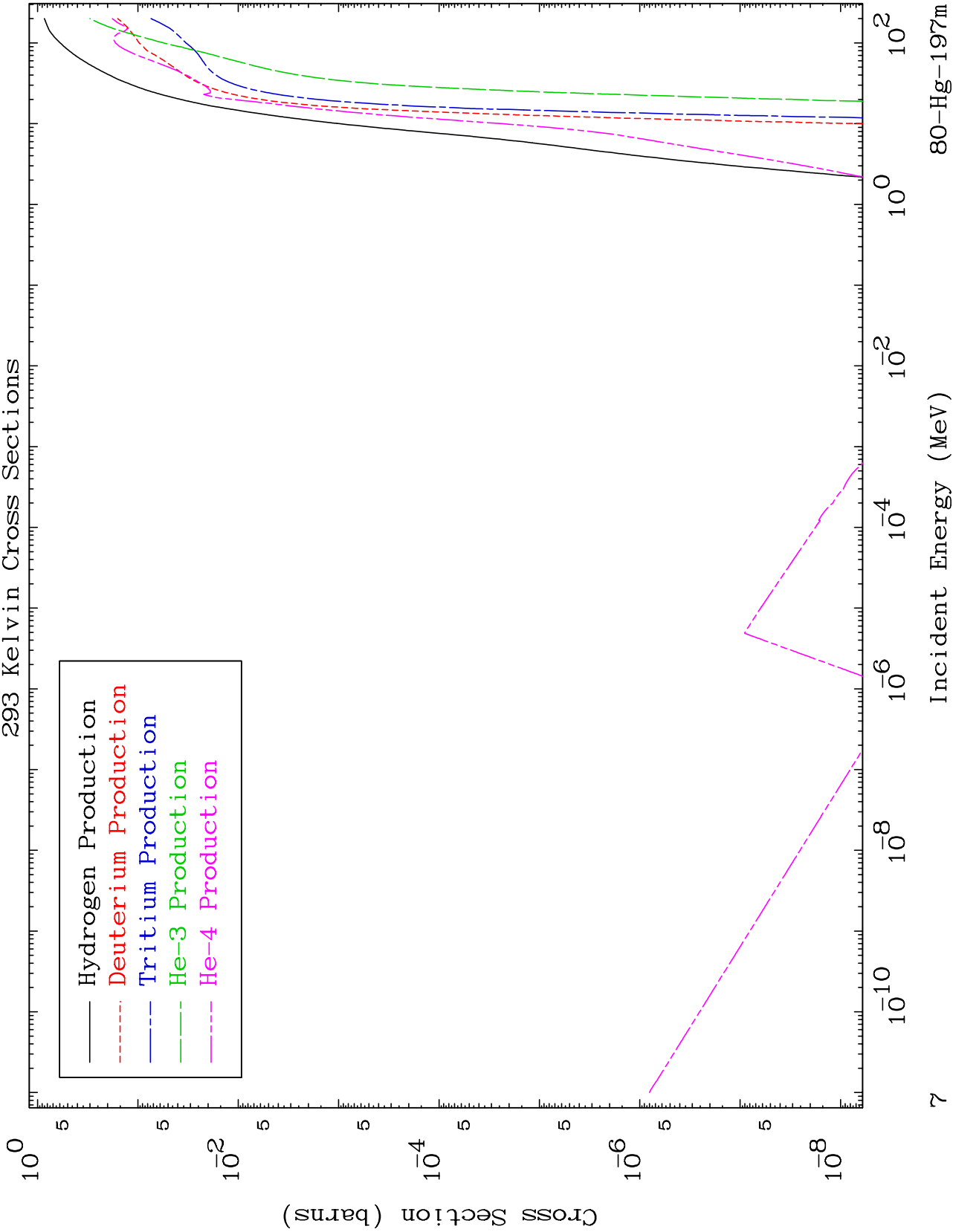
80-Hg-197m



MAT 8029

Particle Production  
293 Kelvin Cross Sections

80-Hg-197m

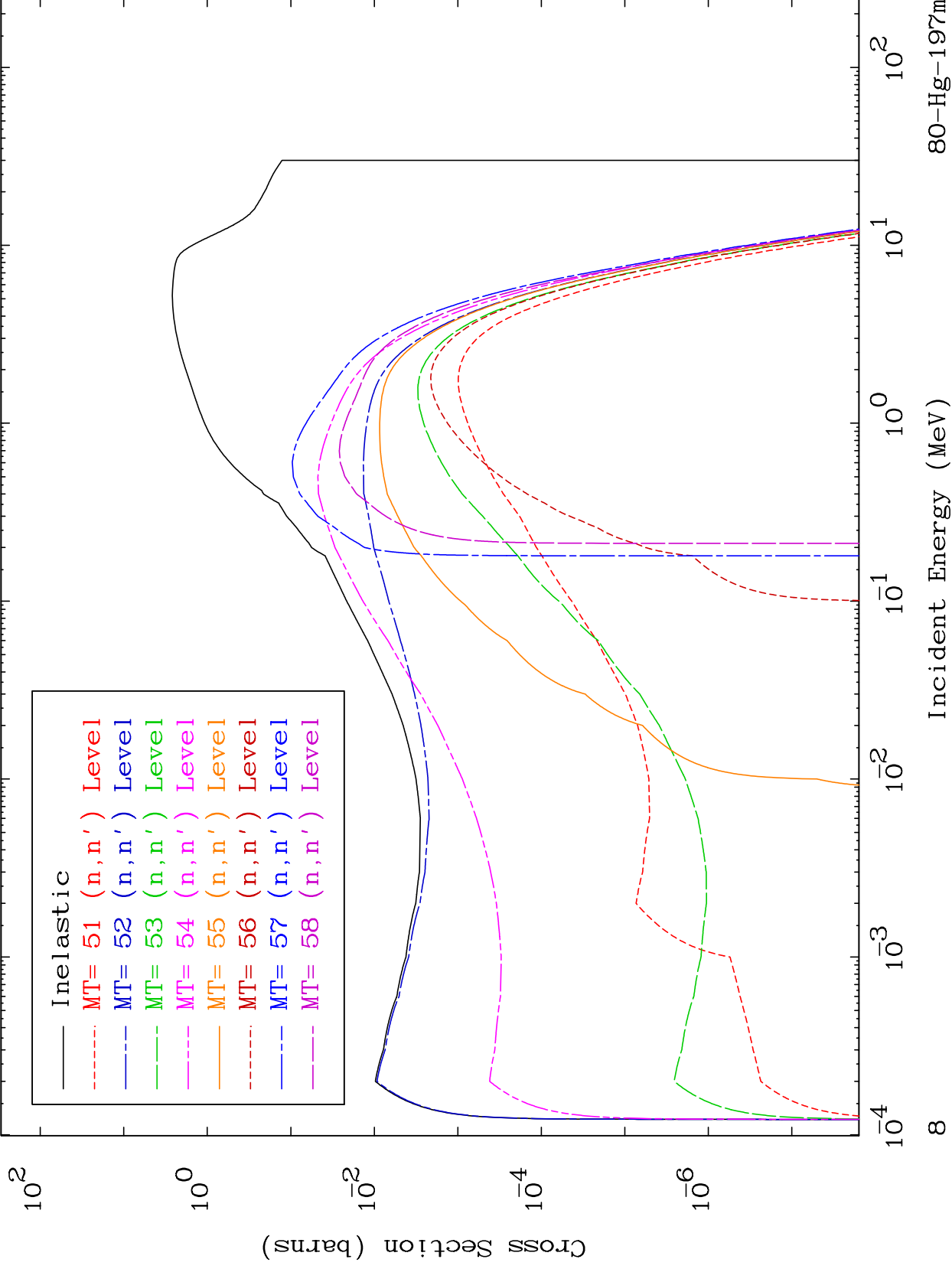




MAT 8029

(n,n') Levels  
293 Kelvin Cross Sections

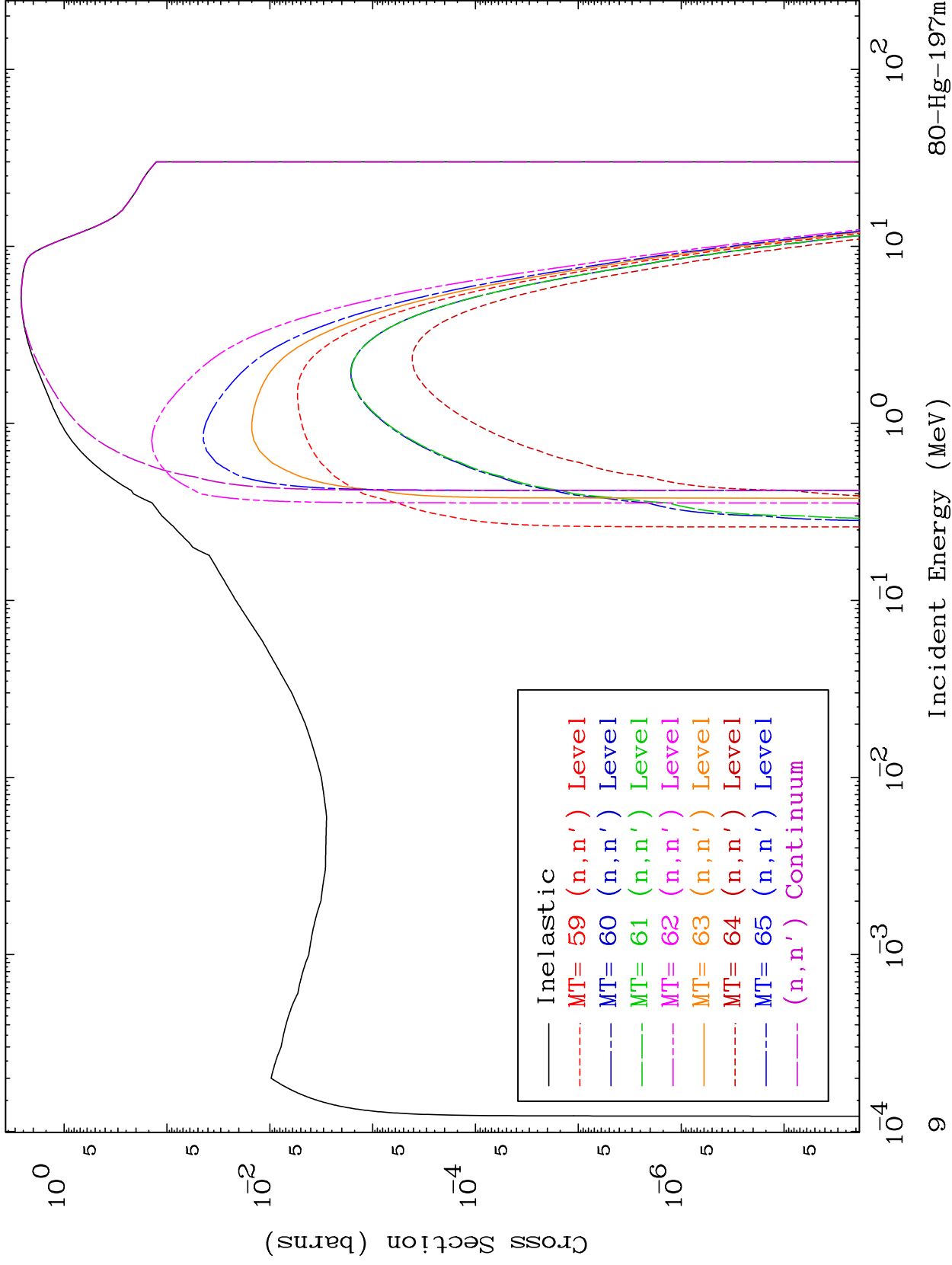
80-Hg-197m



MAT 8029

293 (n,n') Levels

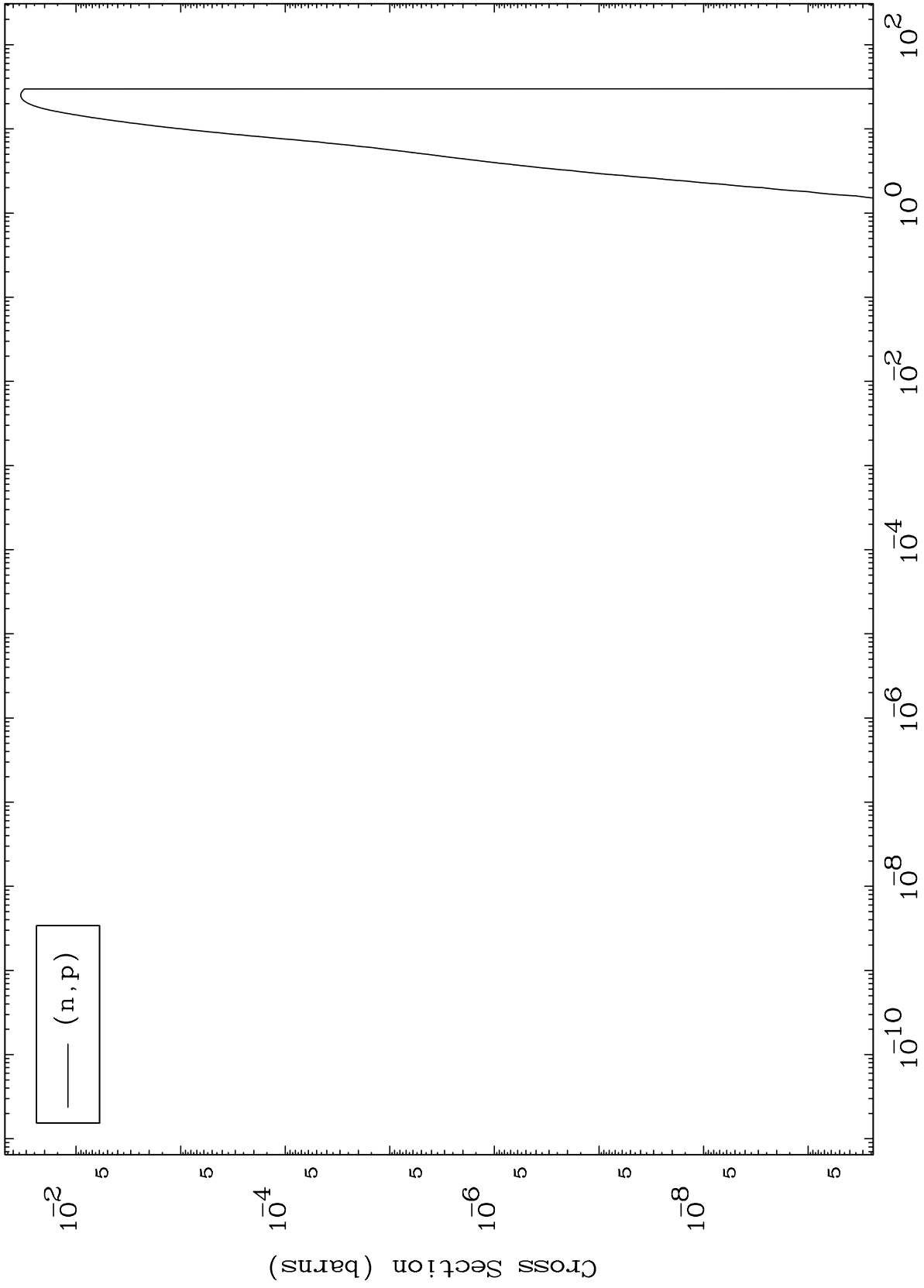
80-Hg-197m



MAT 8029

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-197m



10

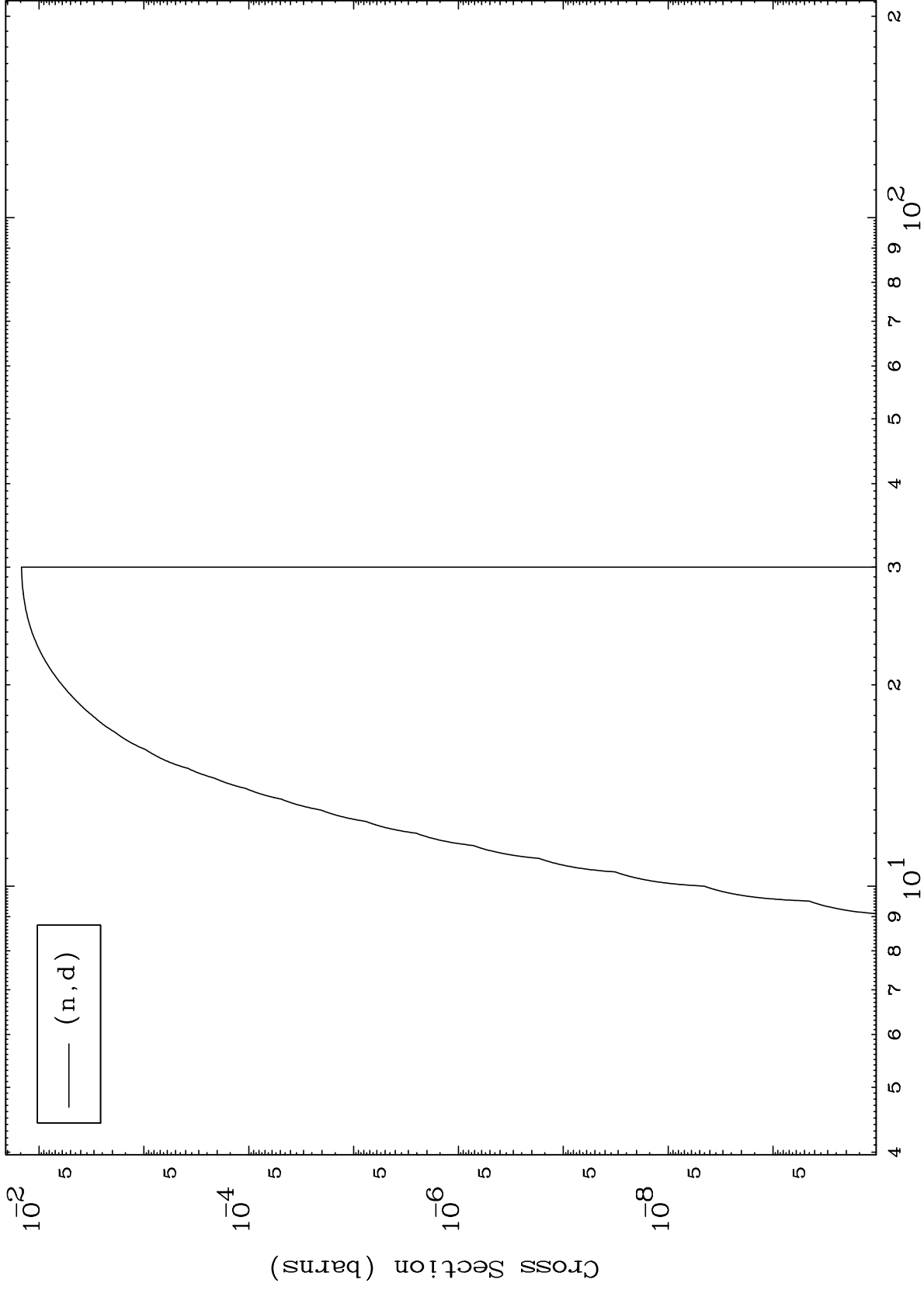
Incident Energy (MeV)

80-Hg-197m

MAT 8029

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-197m



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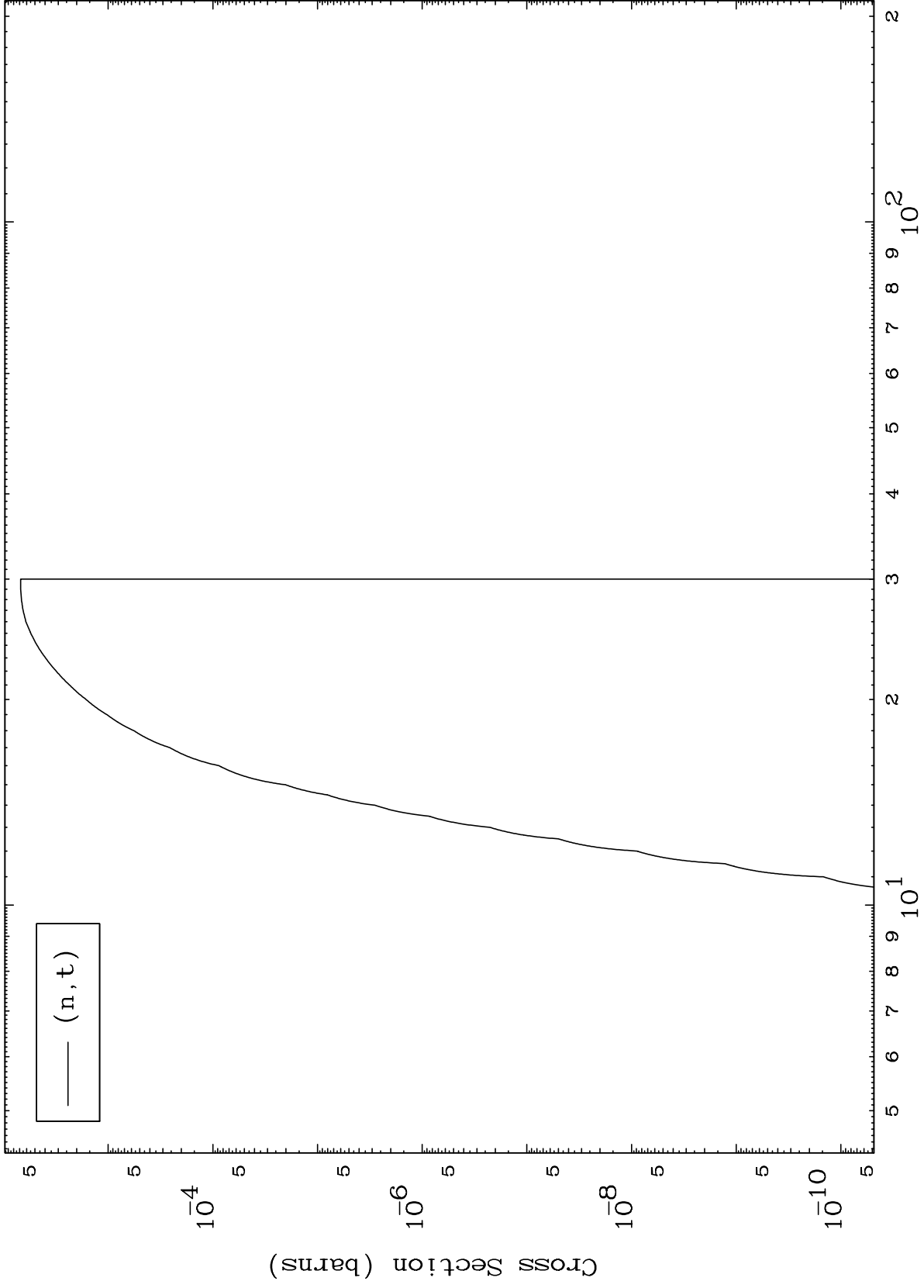
Incident Energy (MeV)

80-Hg-197m

MAT 8029

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-197m



12

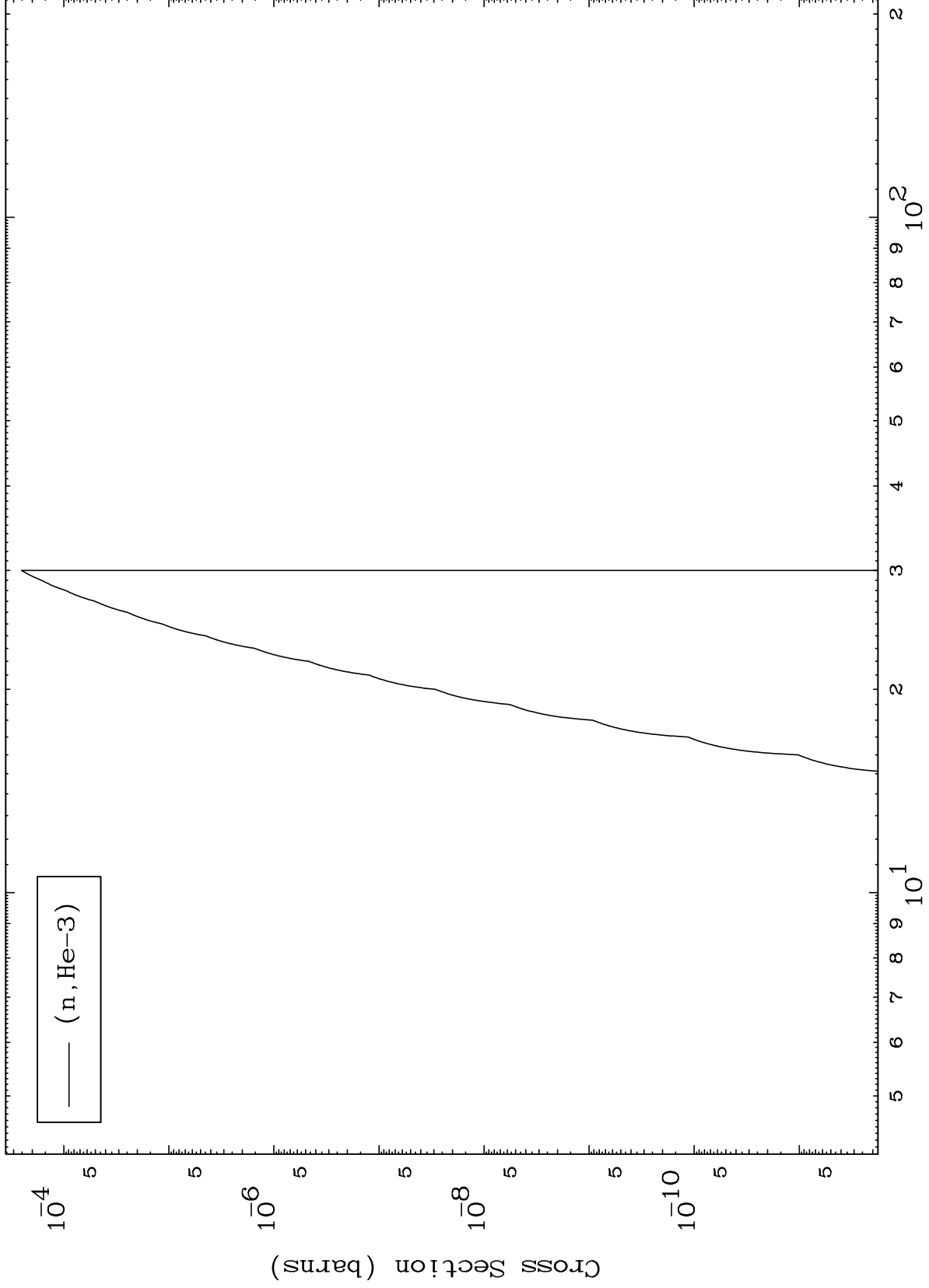
Incident Energy (MeV)

80-Hg-197m

MAT 8029

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-197m



13

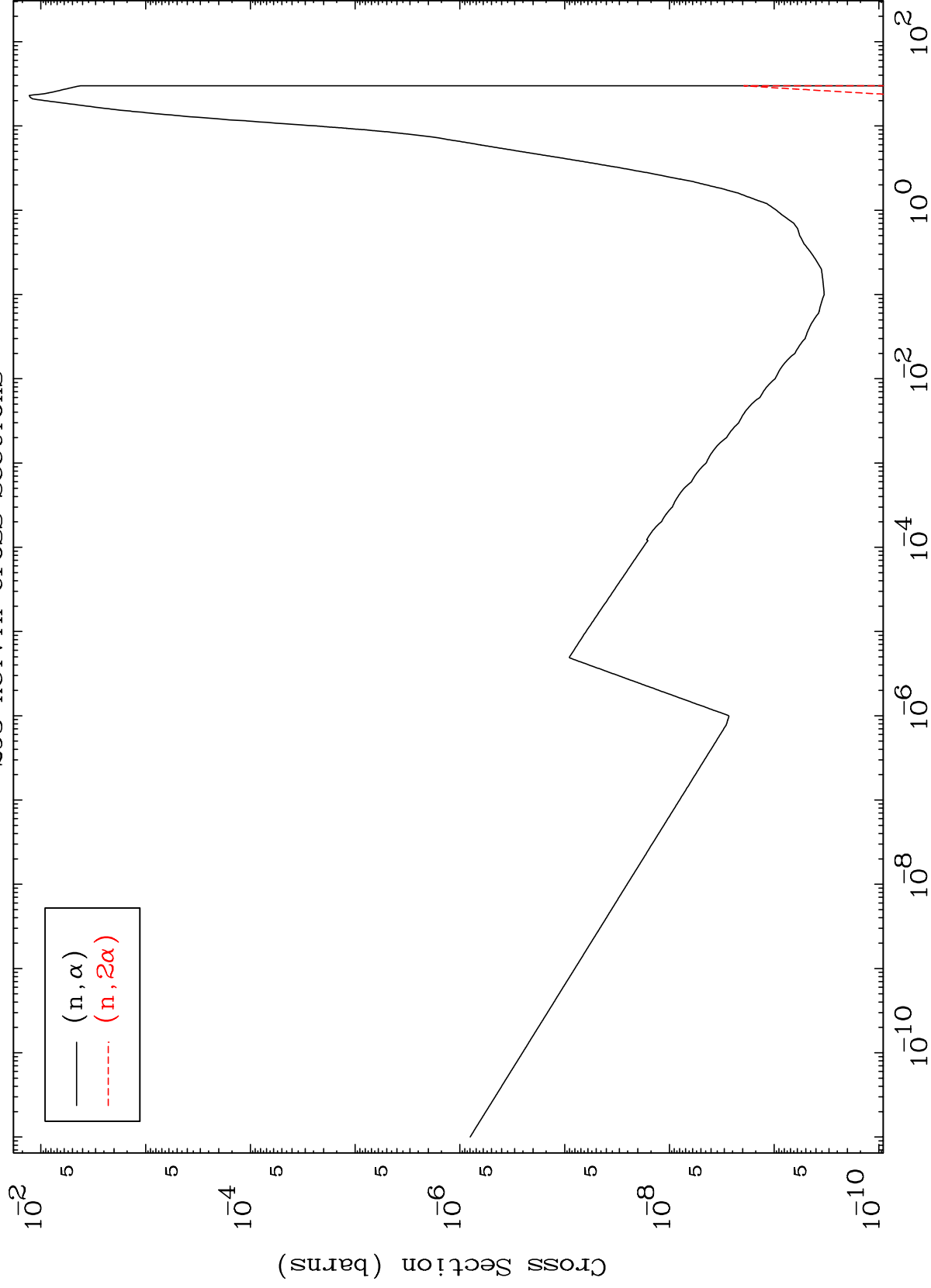
Incident Energy (MeV)

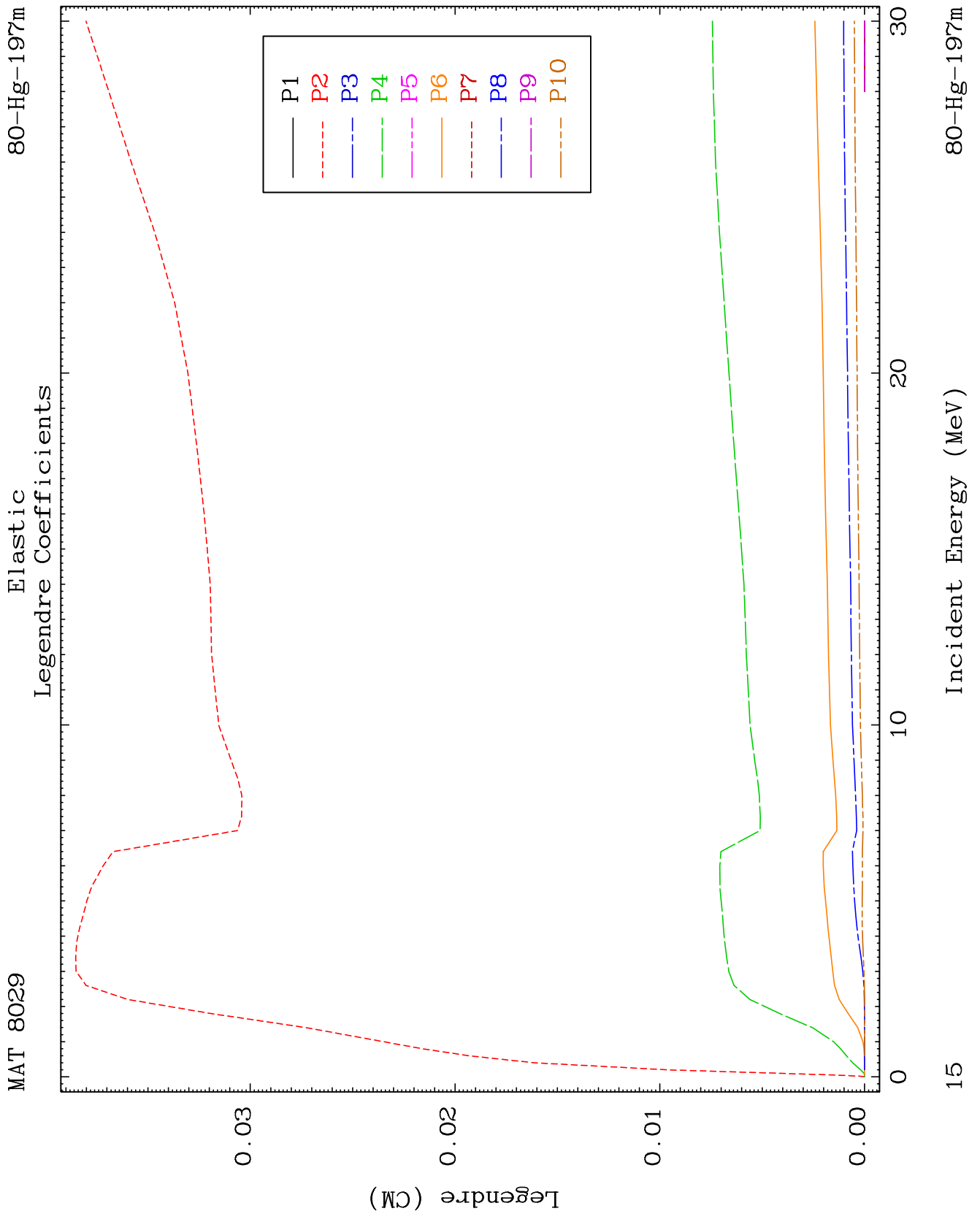
80-Hg-197m

MAT 8029

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

80-Hg-197m



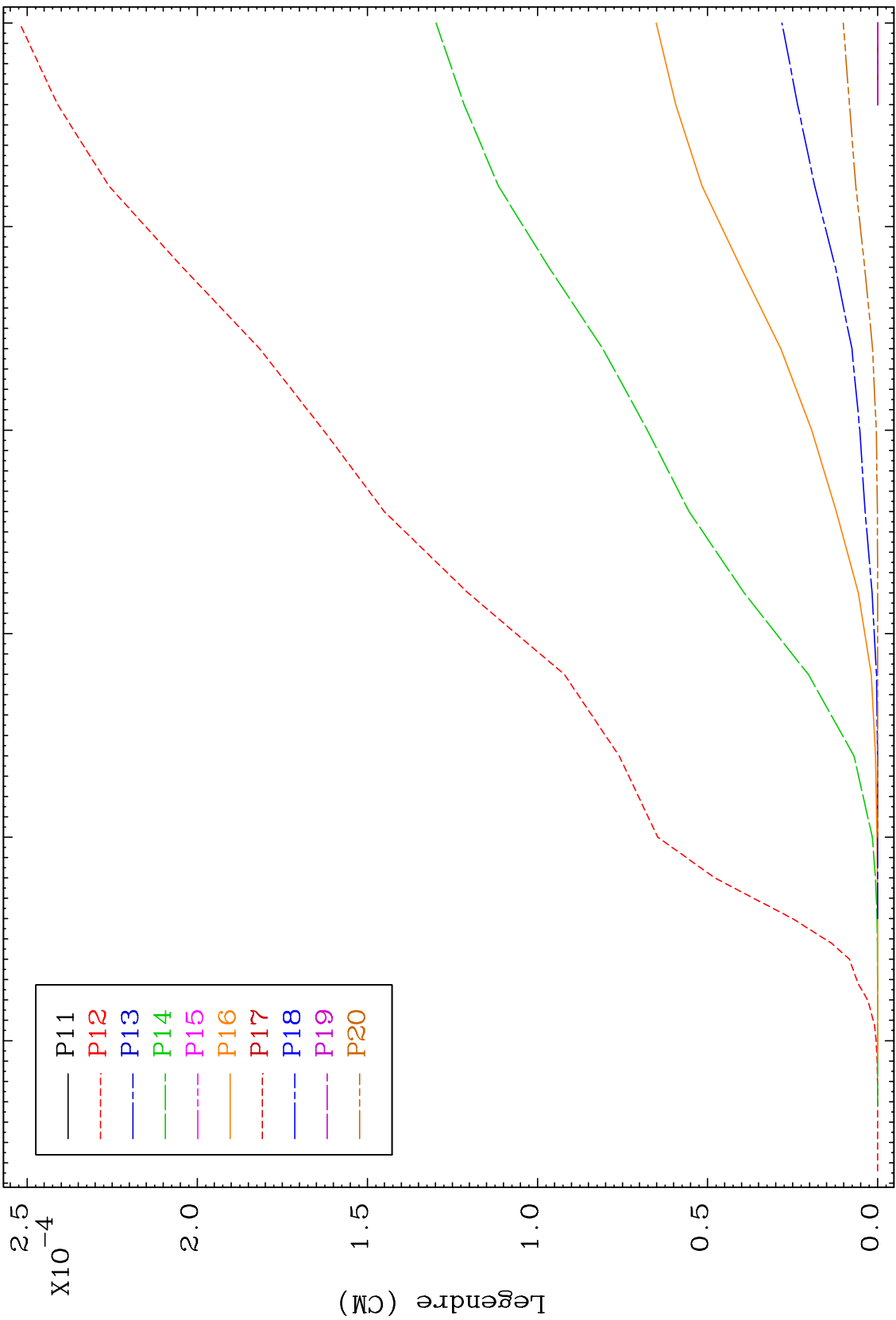




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Elastic Legendre Coefficients

80-Hg-197m



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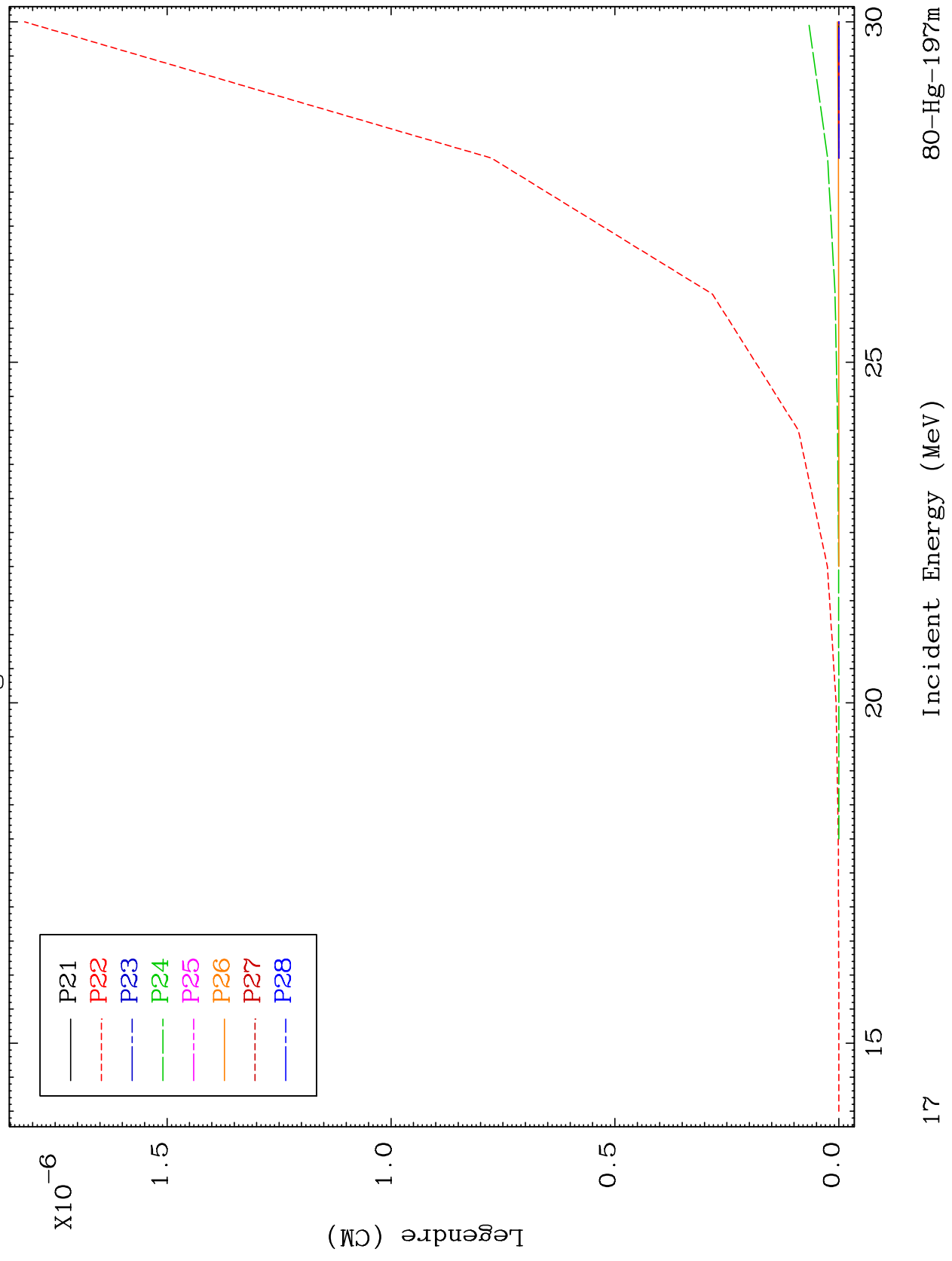
Incident Energy (MeV)

80-Hg-197m

MAT 8029

### Elastic Legendre Coefficients

80-Hg-197m



17

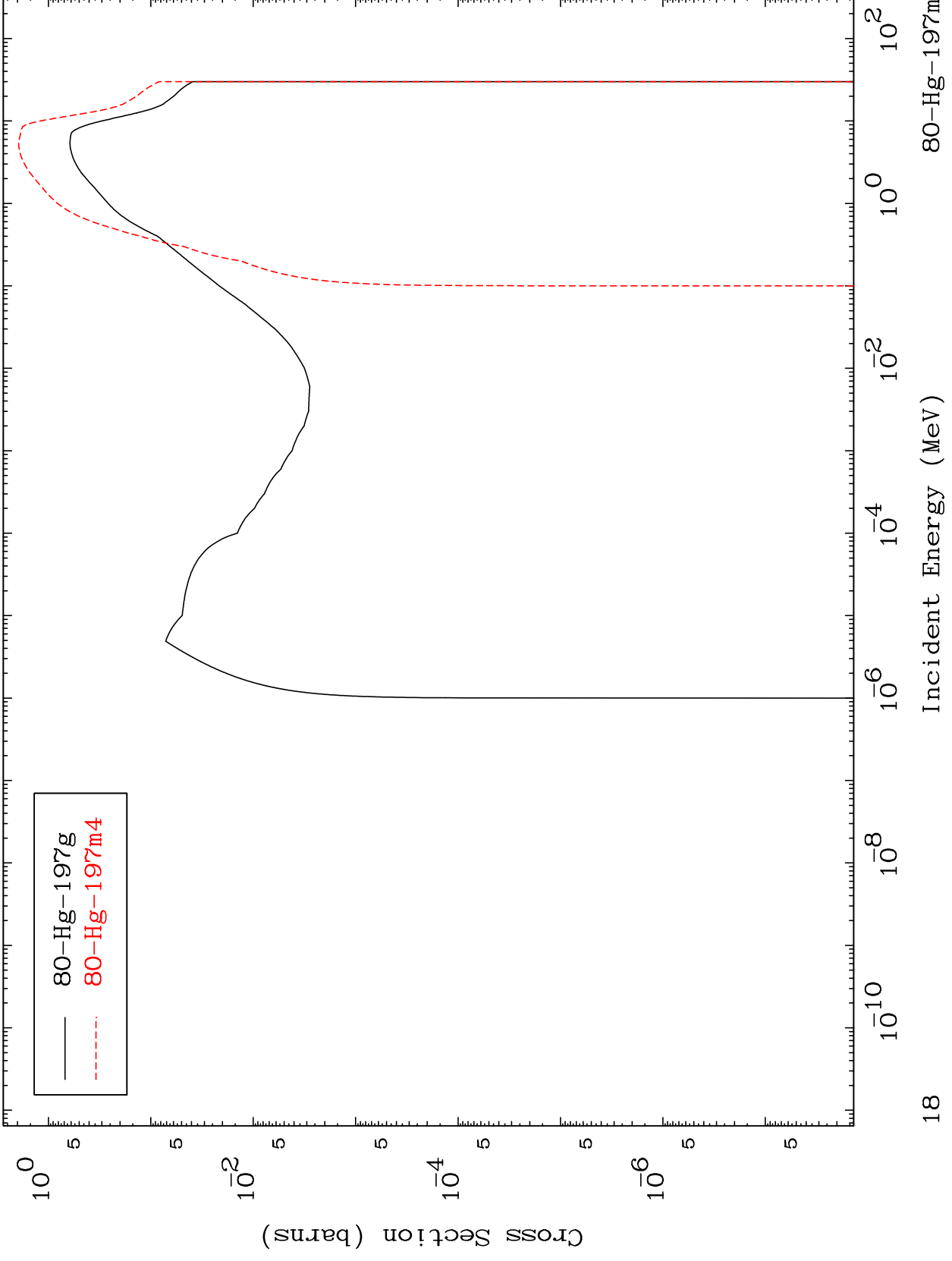
Incident Energy (MeV)

80-Hg-197m

MAT 8029

Radionuclide Production Cross Section

80-Hg-197m

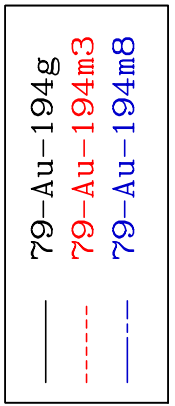
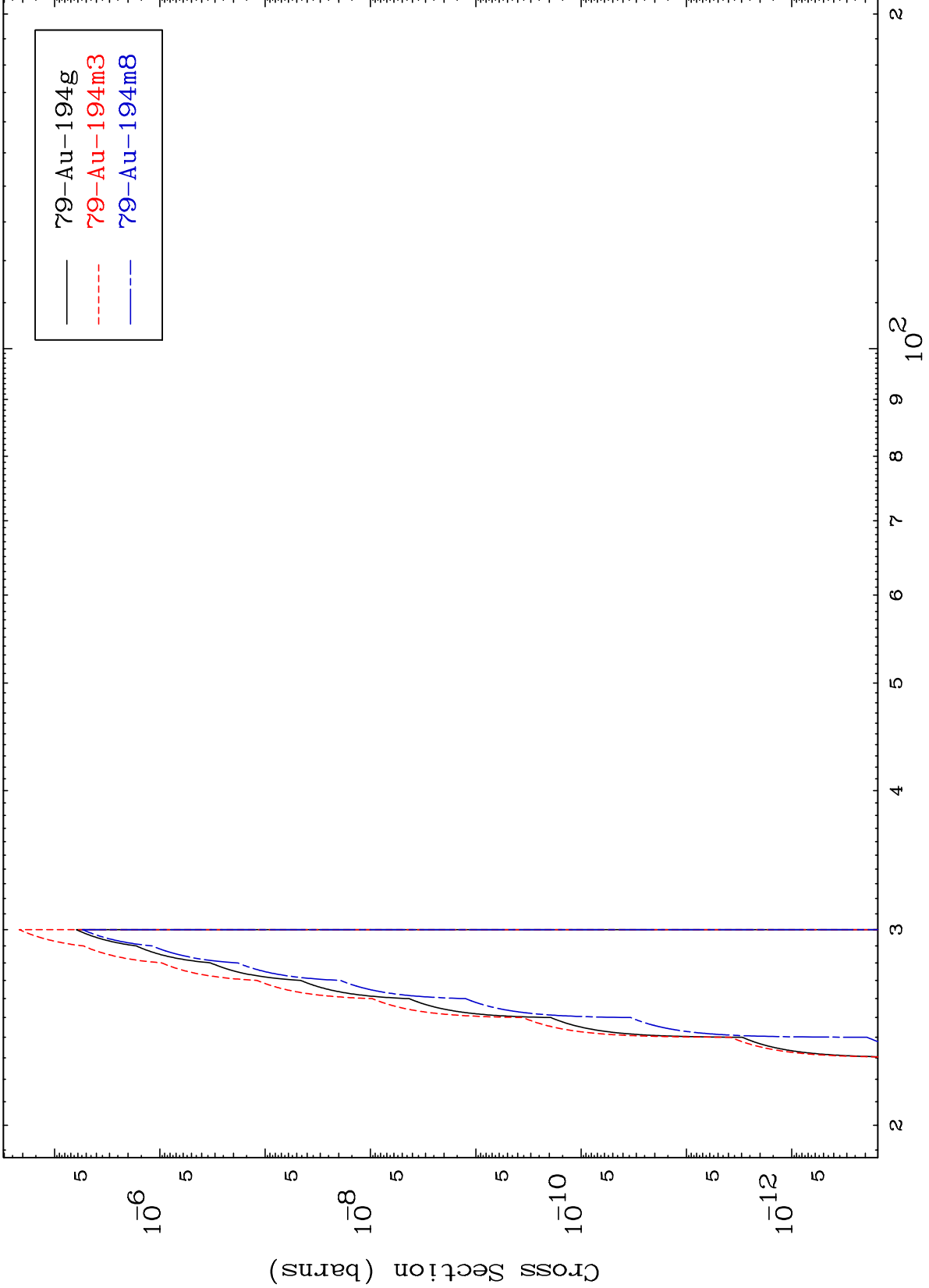


MAT 8029

(n,2n) d

80-Hg-197m

Radionuclide Production Cross Section



19

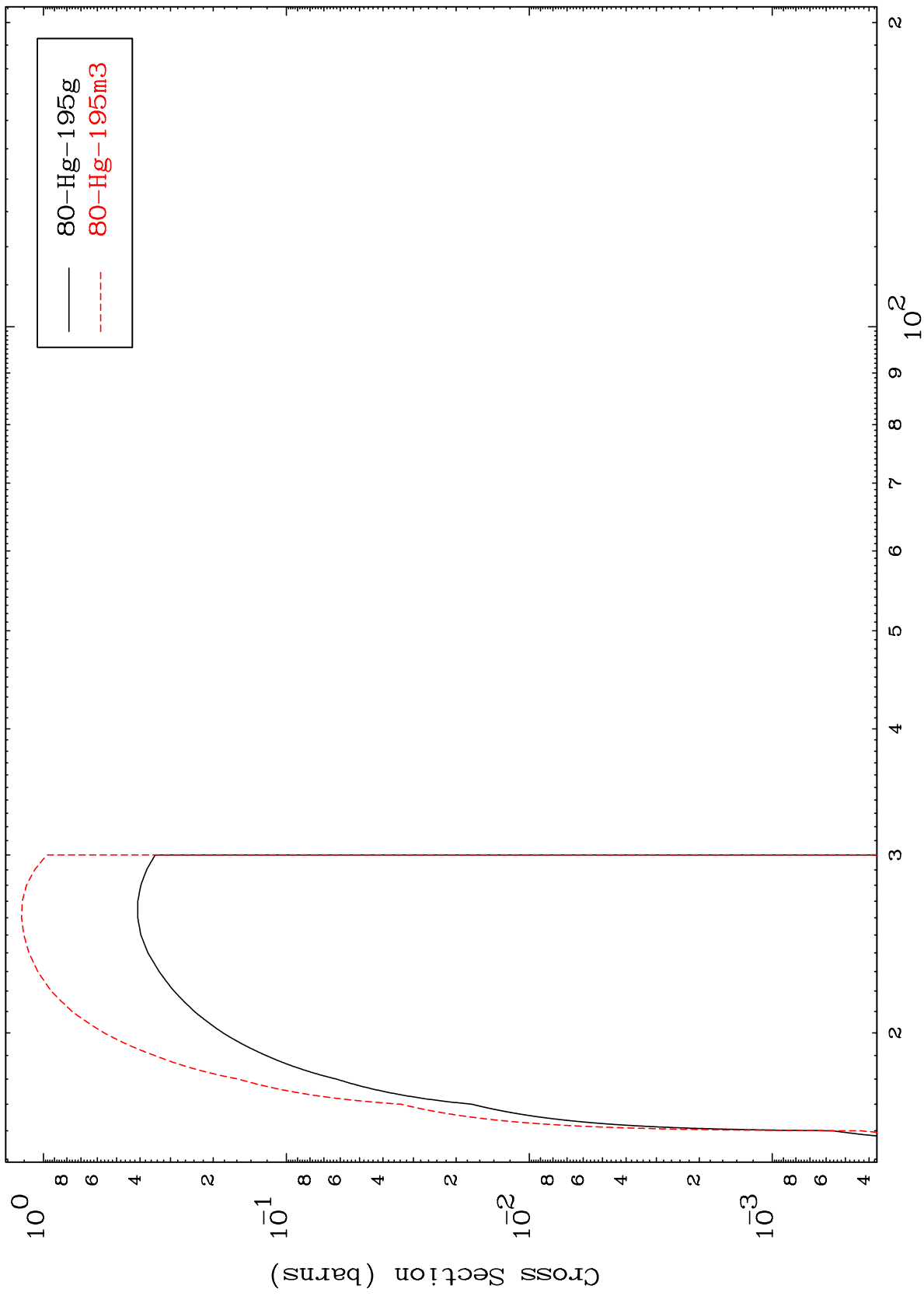
Incident Energy (MeV)

80-Hg-197m

MAT 8029

80-Hg-197m

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

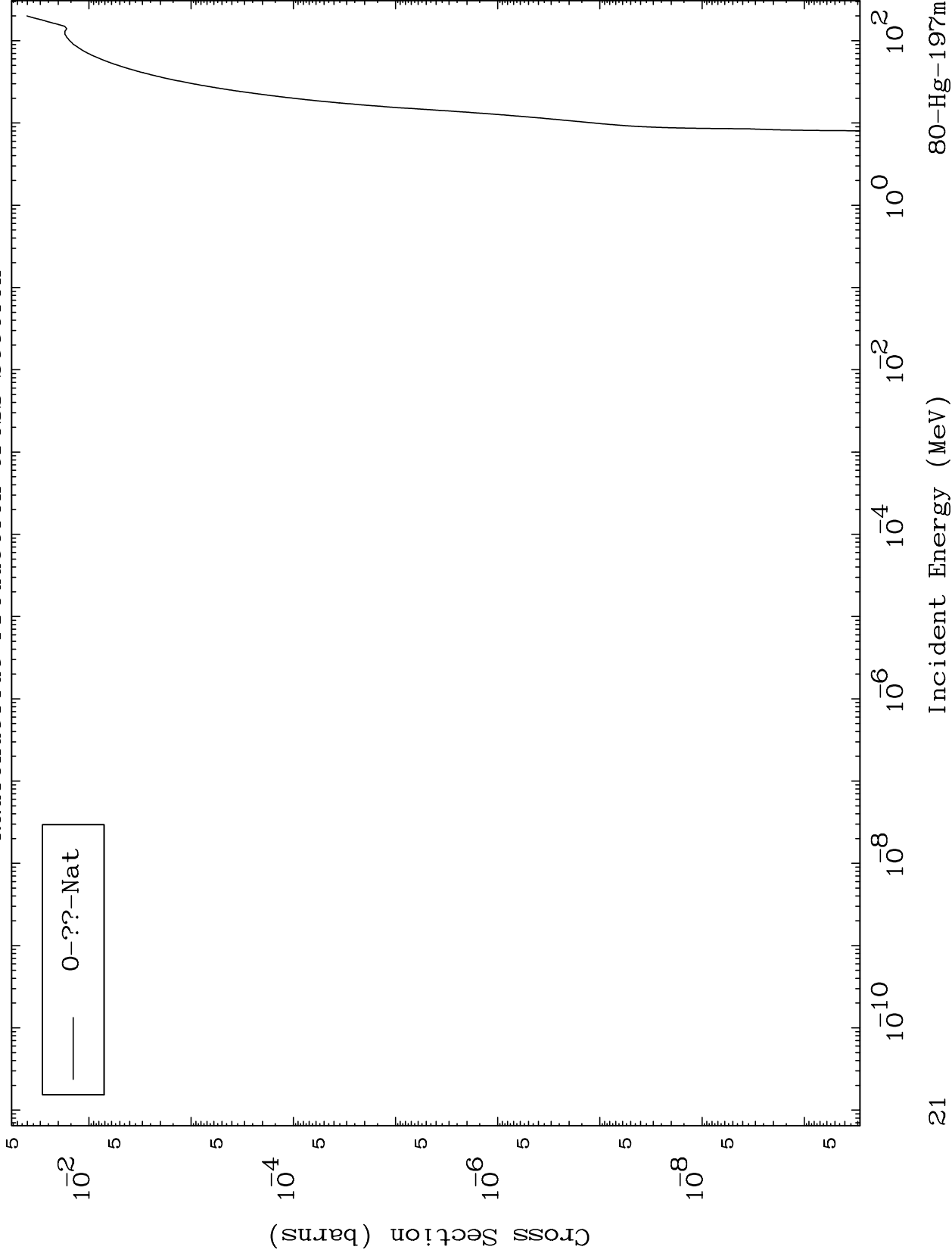
80-Hg-197m

MAT 8029

Fission

80-Hg-197m

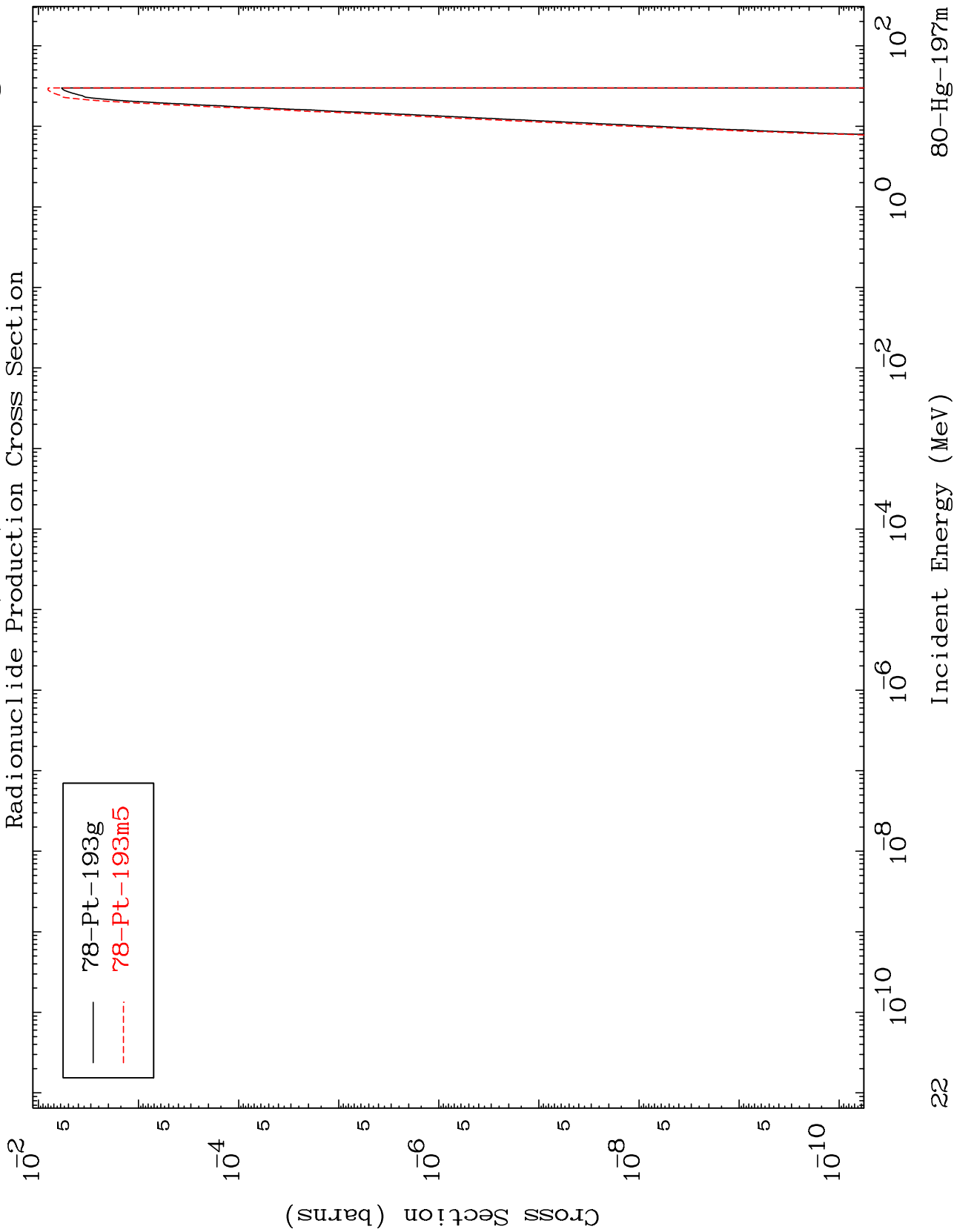
Radionuclide Production Cross Section



MAT 8029

$(n, n') \alpha$

80-Hg-197m

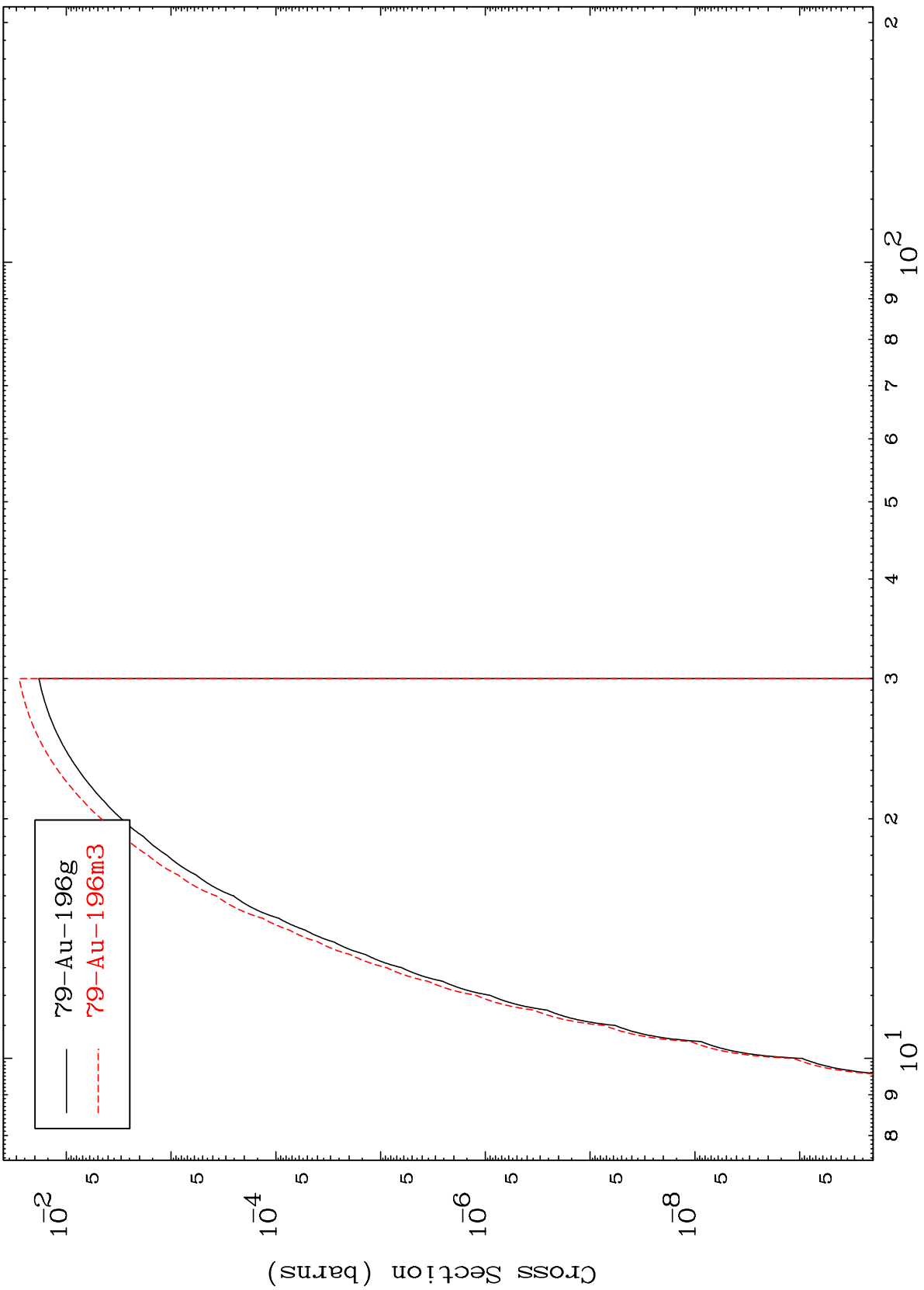


MAT 8029

(n,n') p

80-Hg-197m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

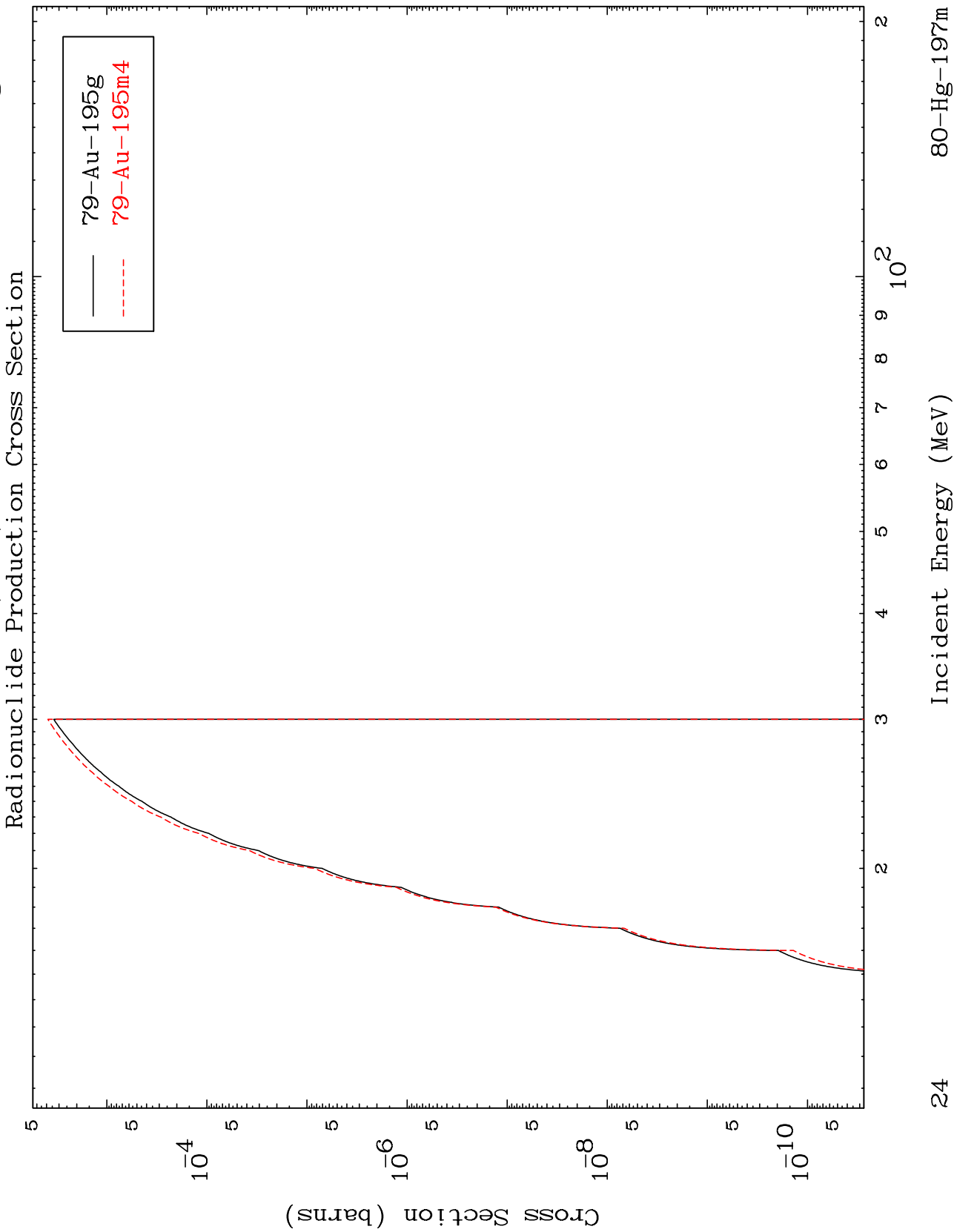
80-Hg-197m



MAT 8029

(n,n') d

80-Hg-197m

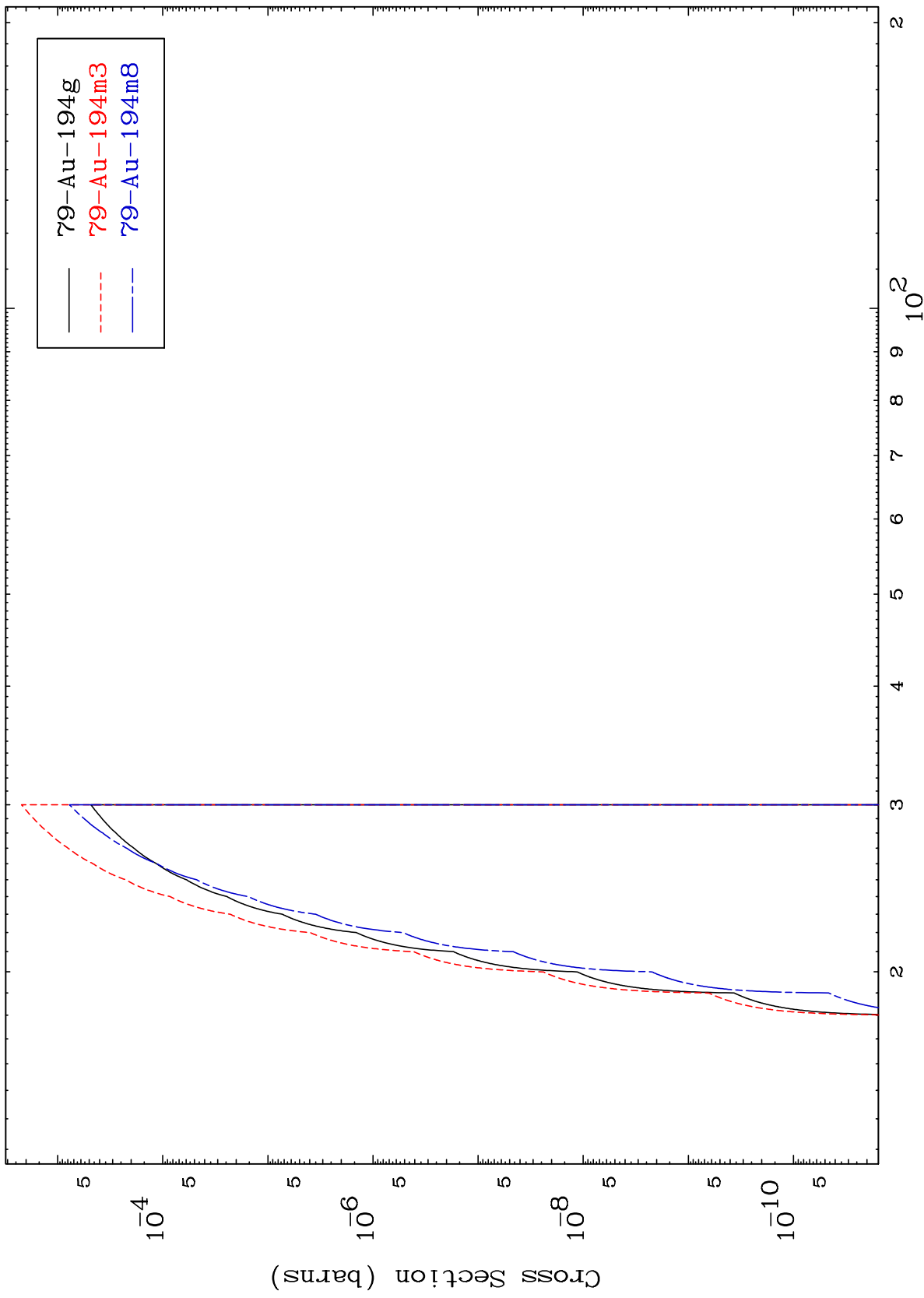


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Incident Energy (MeV)

80-Hg-197m

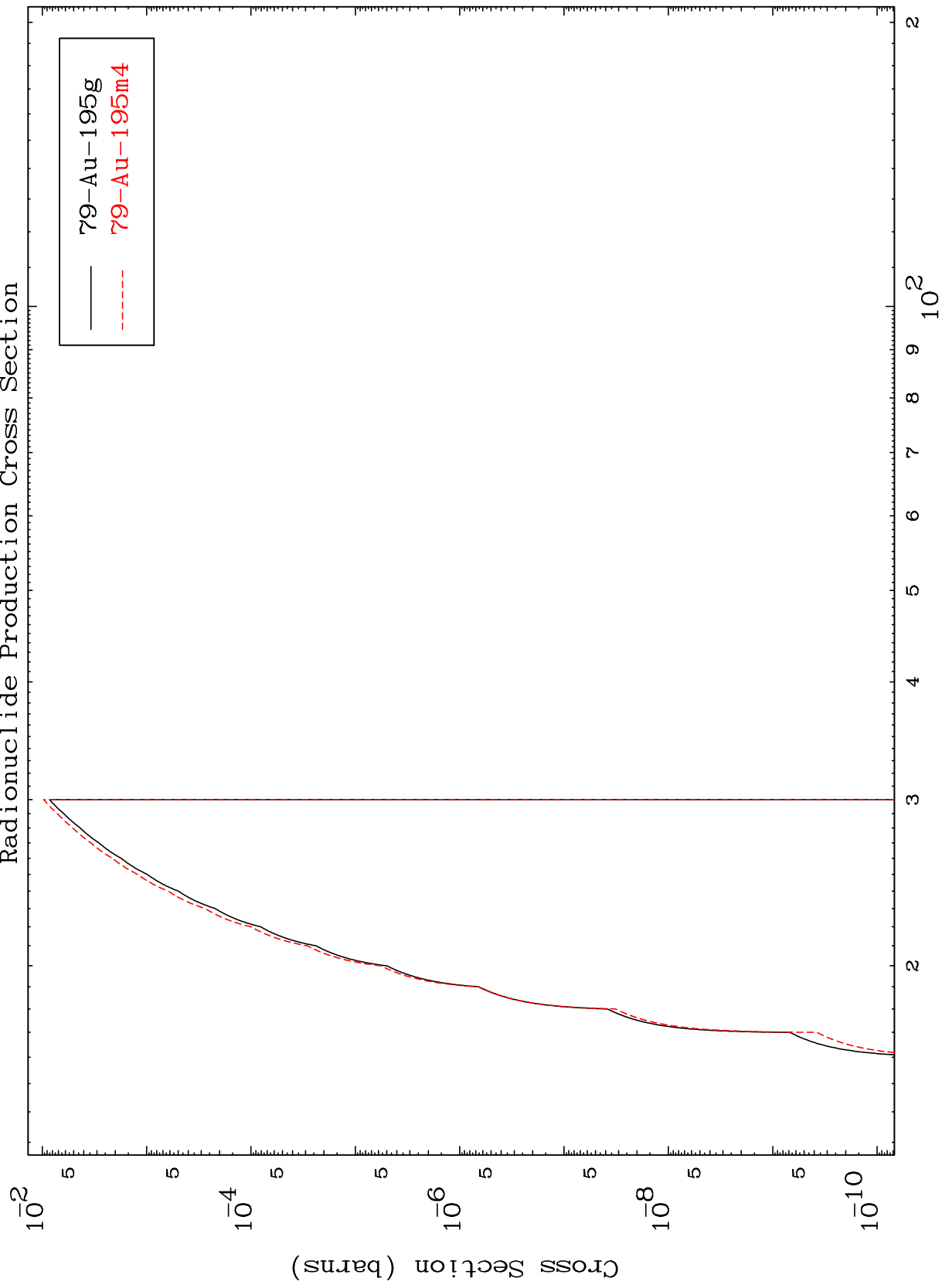
Radionuclide Production Cross Section



MAT 8029

80-Hg-197m

(n,2n) p  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

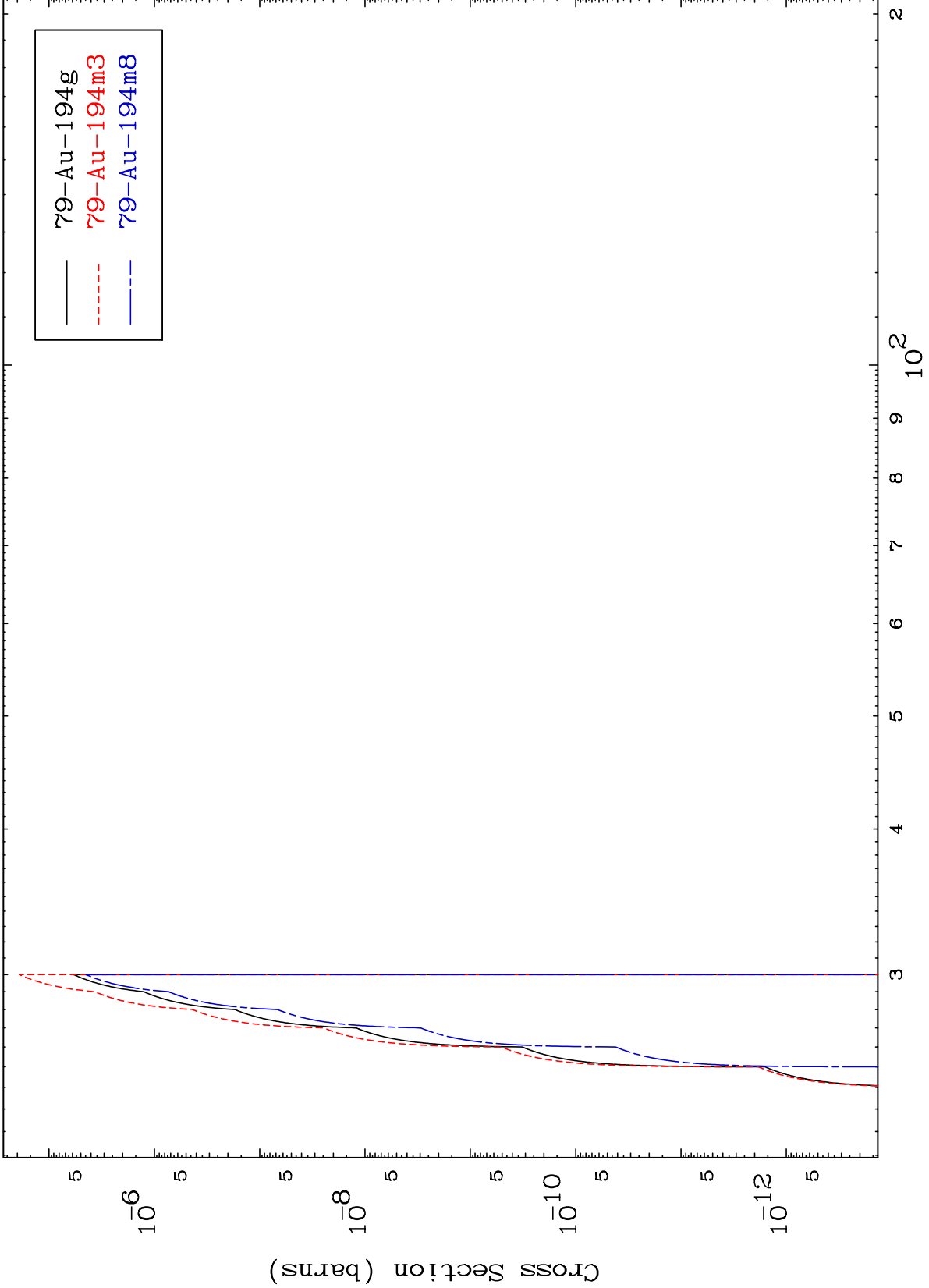
80-Hg-197m

MAT 8029

(n,3n) p

80-Hg-197m

Radionuclide Production Cross Section



27

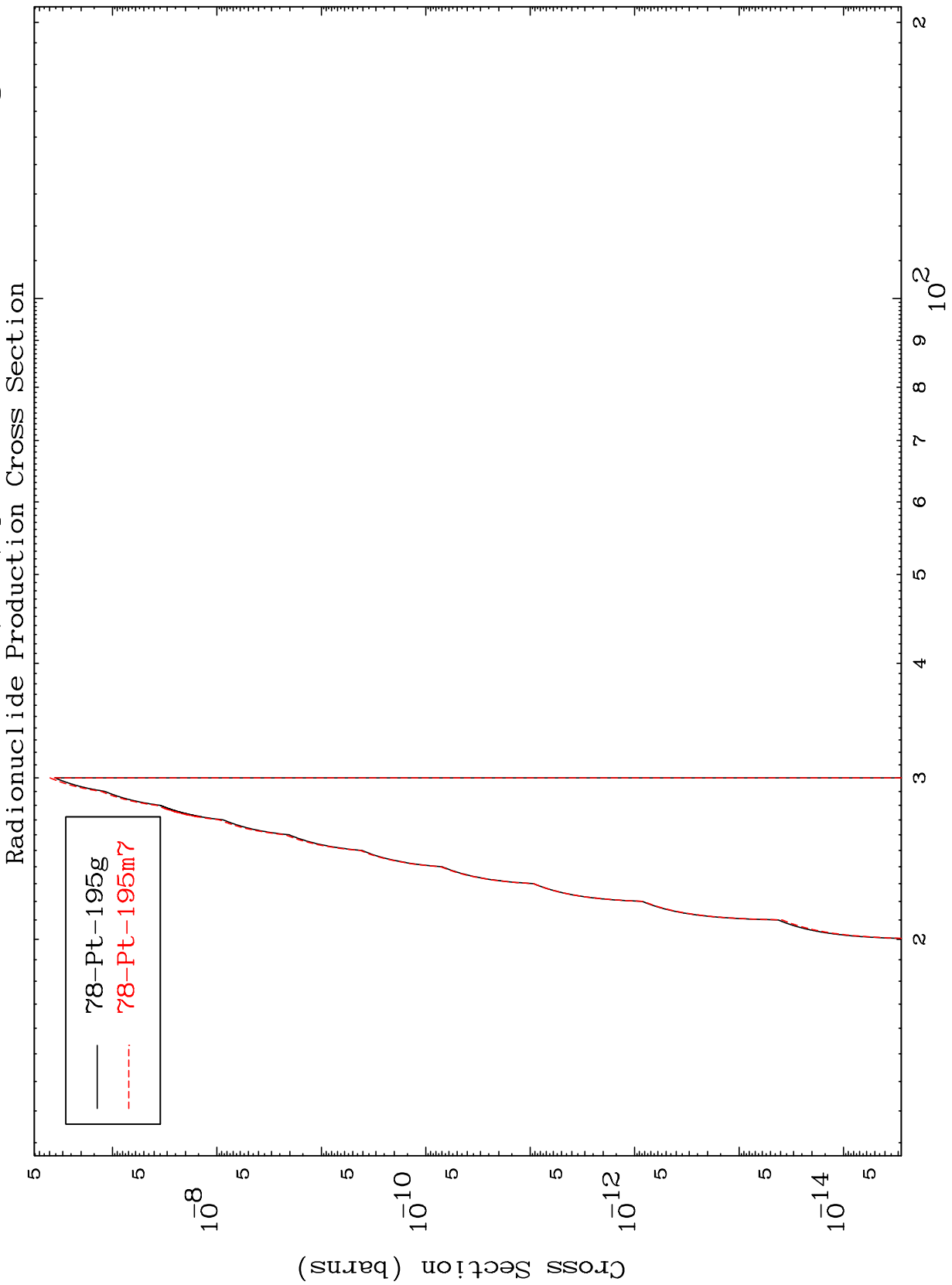
Incident Energy (MeV)

80-Hg-197m

MAT 8029

(n,2n) p

80-Hg-197m

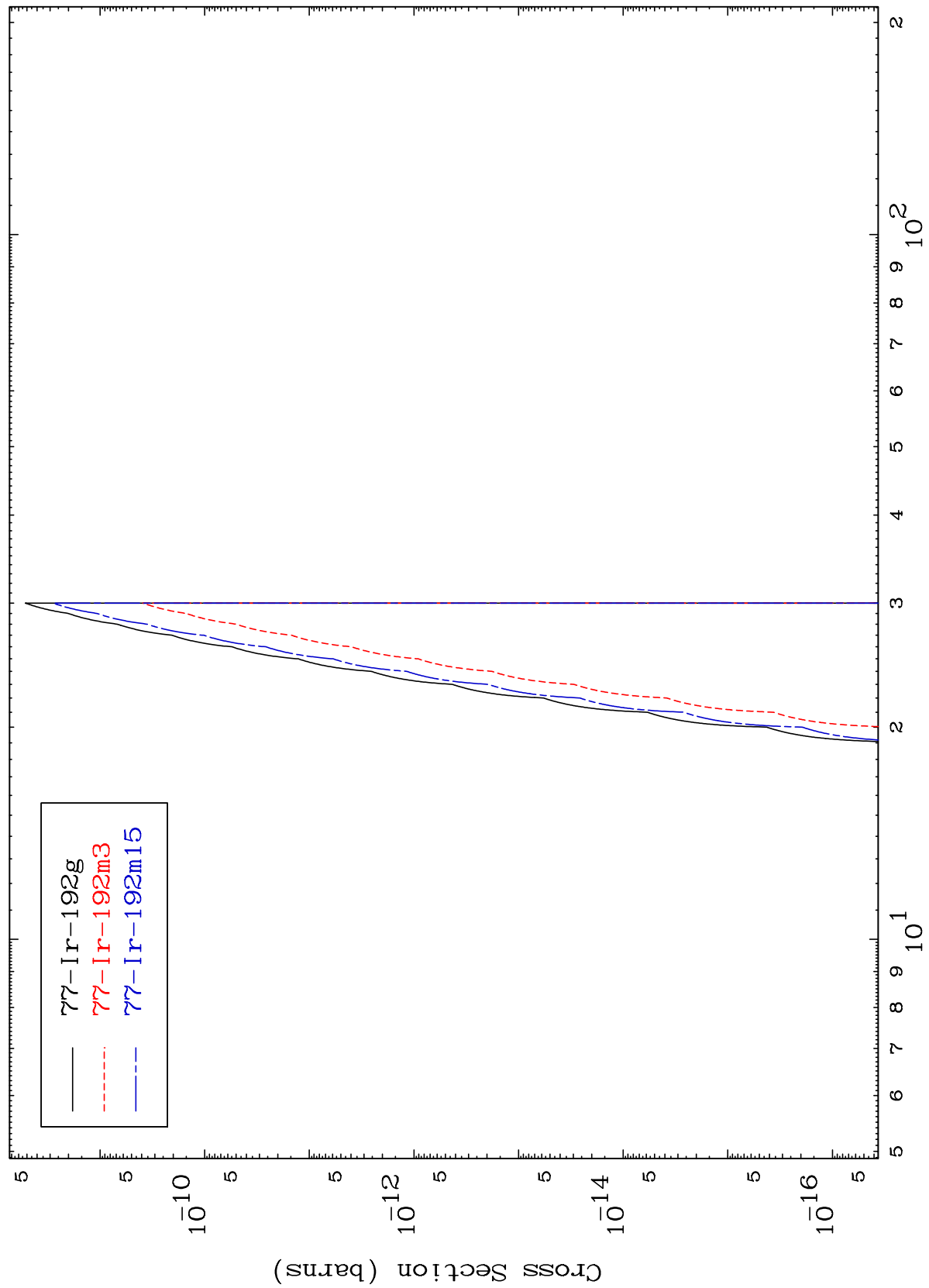


MAT 8029

80-Hg-197m

(n,n') p  $\alpha$

Radionuclide Production Cross Section



29

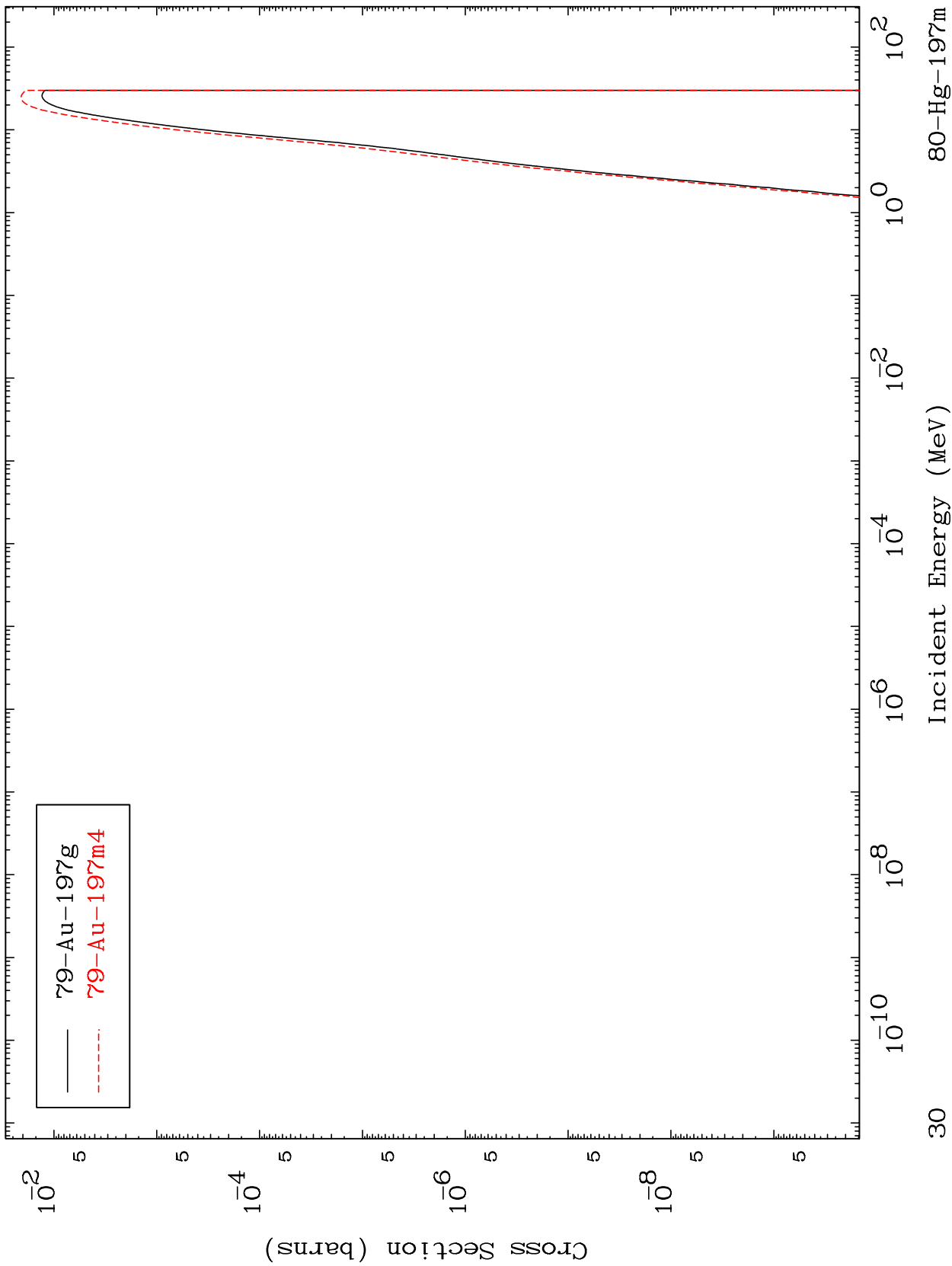
Incident Energy (MeV)

80-Hg-197m

MAT 8029

(n,p)  
Radionuclide Production Cross Section

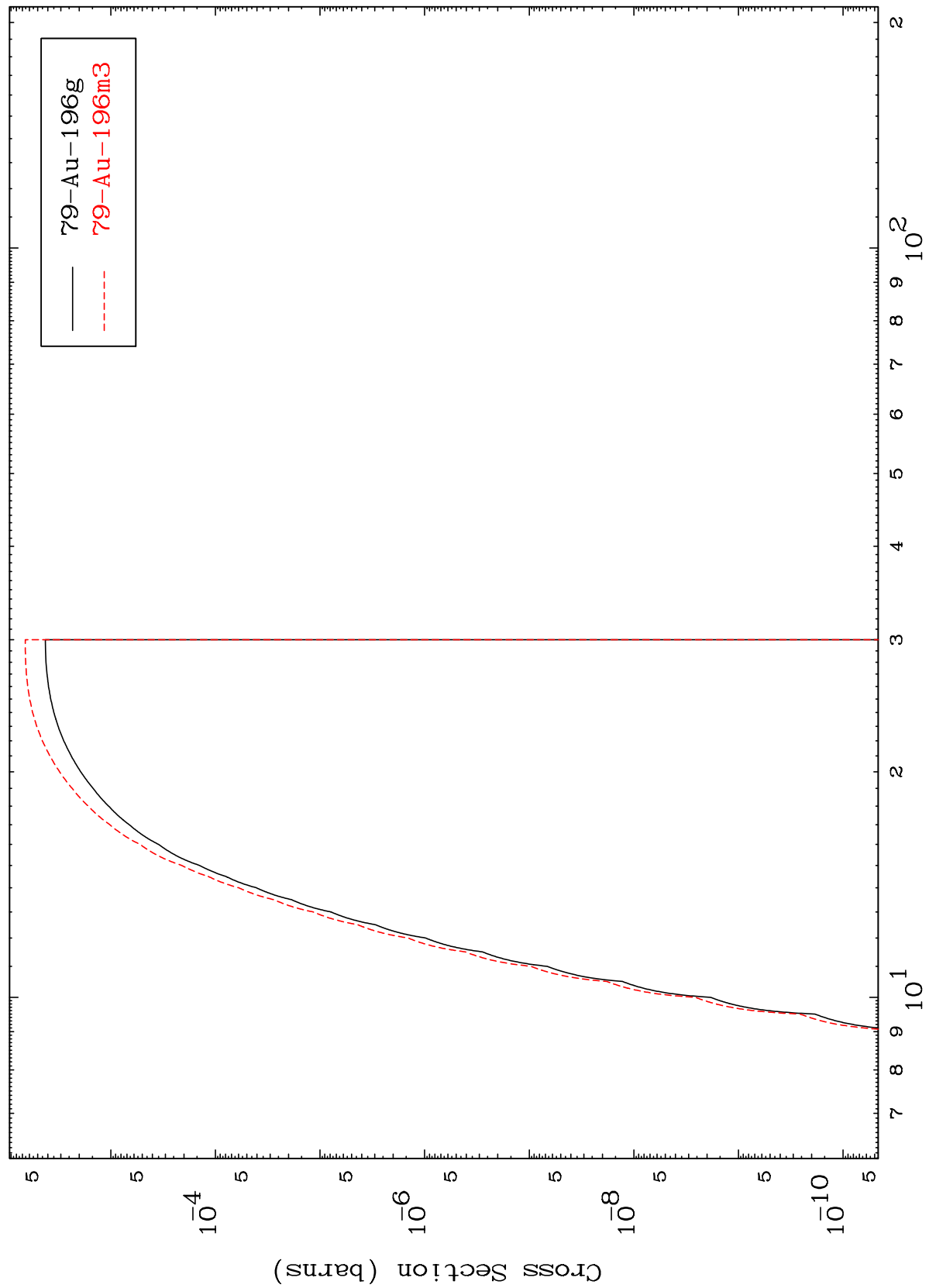
80-Hg-197m



MAT 8029

80-Hg-197m

(n,d)  
Radionuclide Production Cross Section



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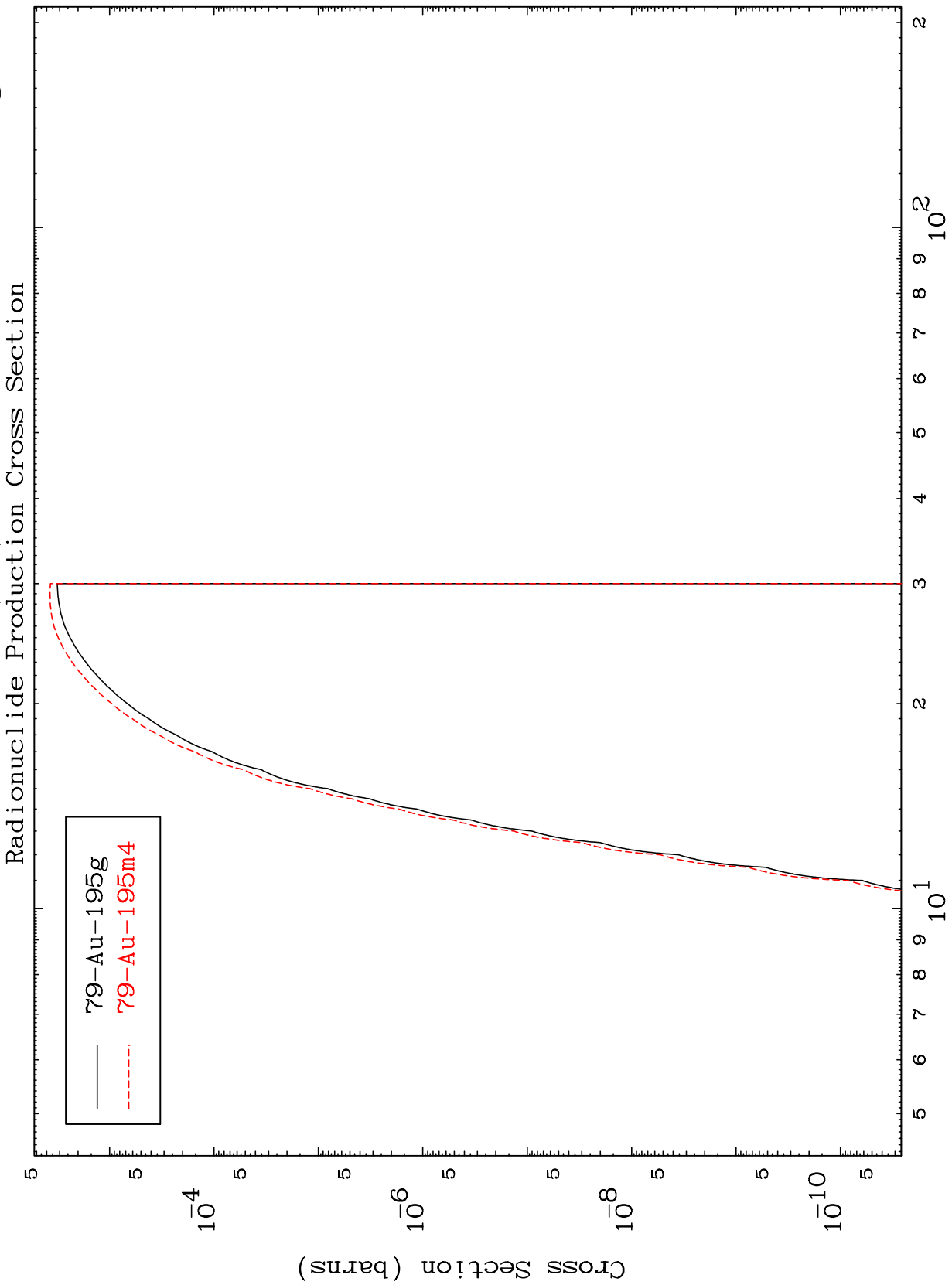
Incident Energy (MeV)

80-Hg-197m



MAT 8029

80-Hg-197m



Incident Energy (MeV)

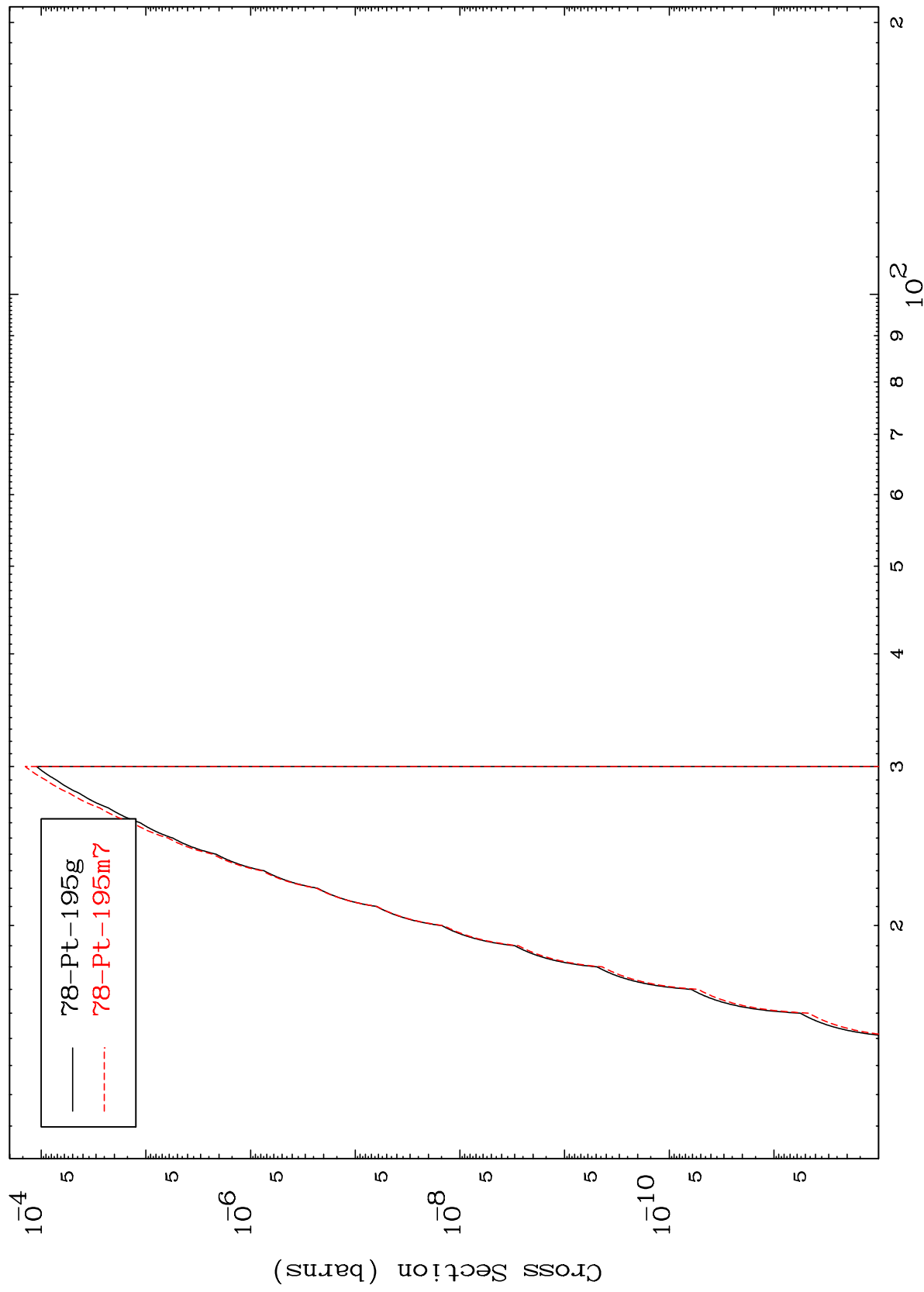
80-Hg-197m

32

MAT 8029

80-Hg-197m

(n,He-3)  
Radionuclide Production Cross Section



80-Hg-197m

Incident Energy (MeV)

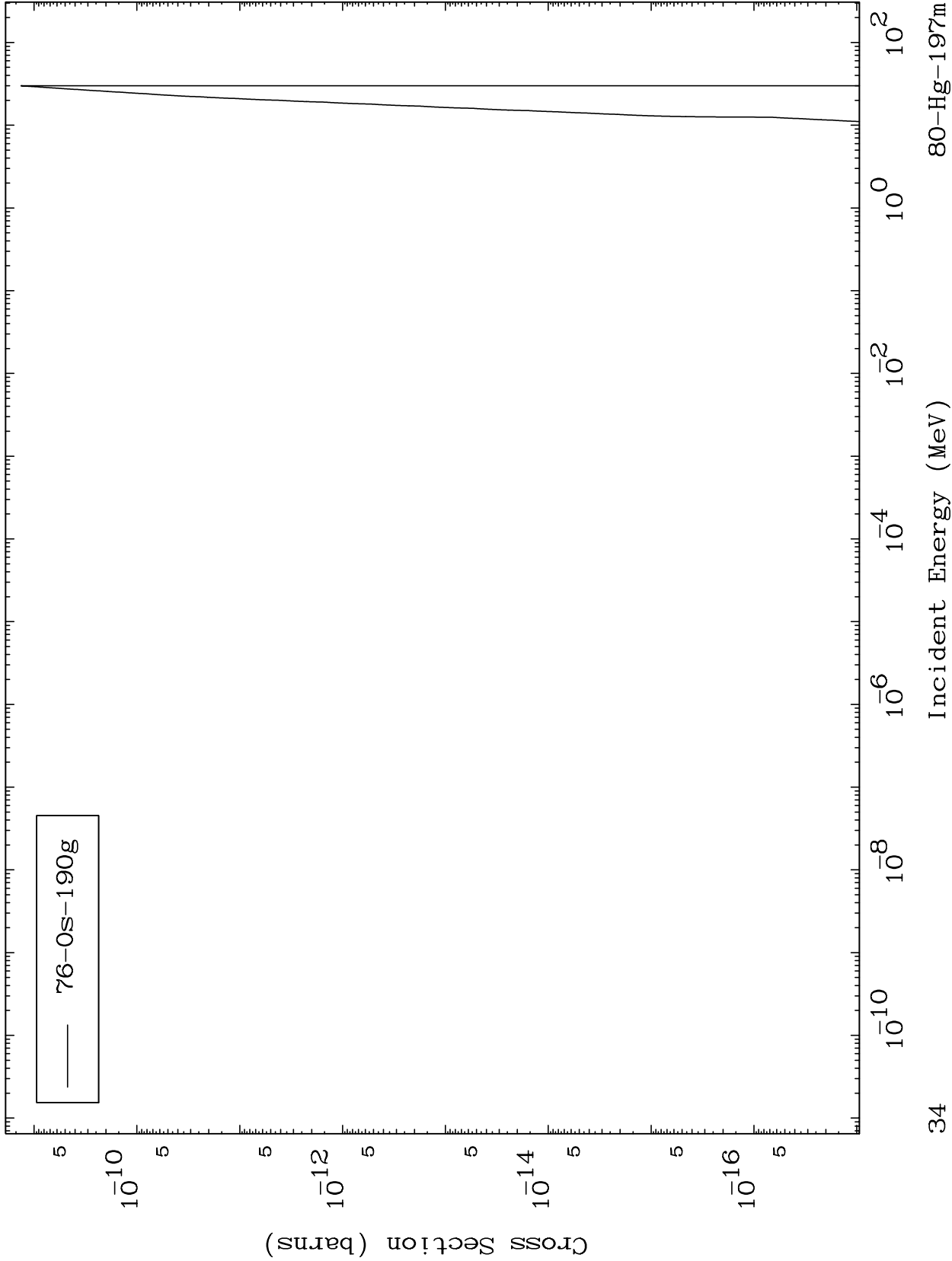
33

MAT 8029

(n,2α)

80-Hg-197m

Radionuclide Production Cross Section

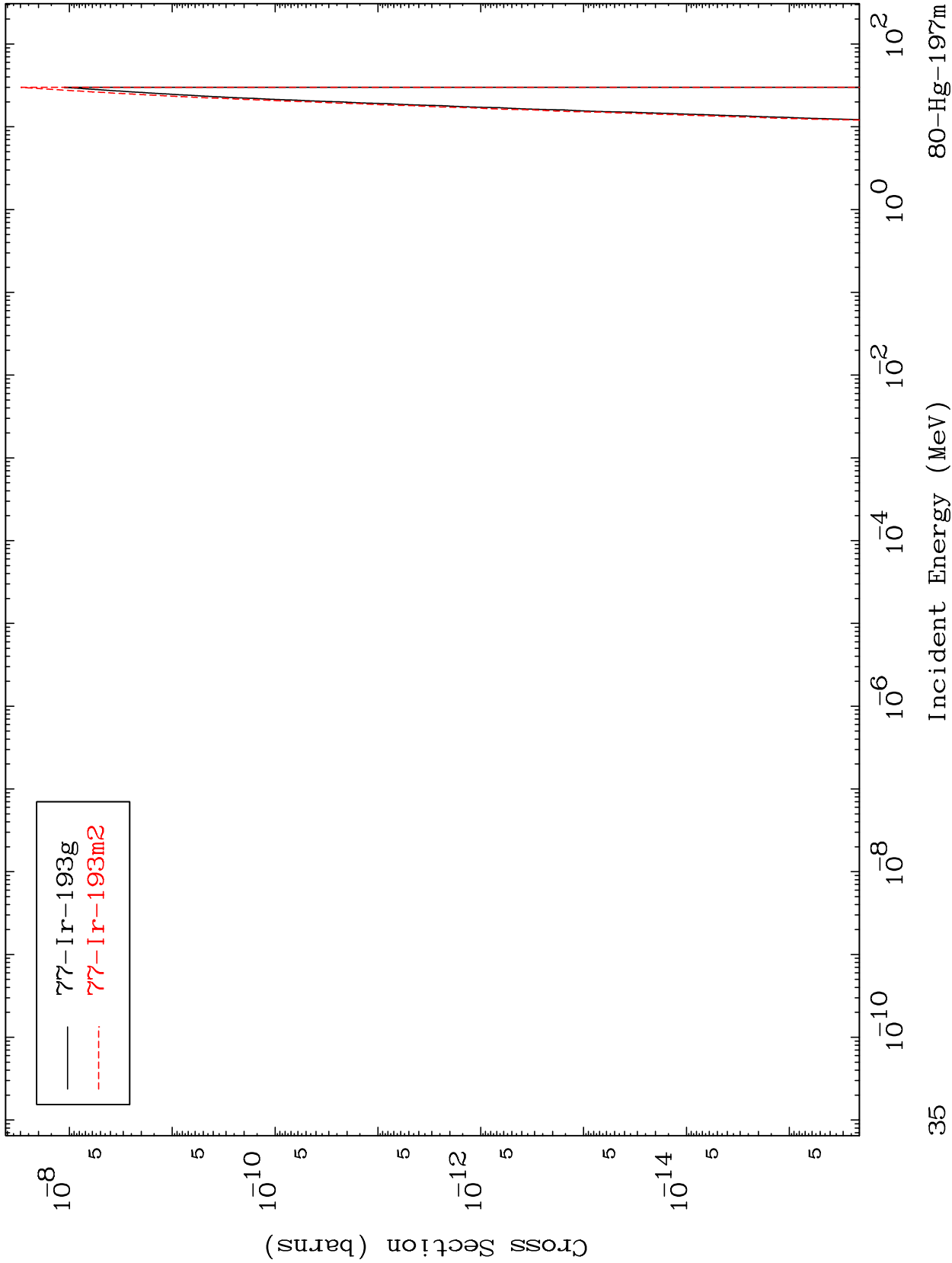


MAT 8029

(n,p)  $\alpha$

80-Hg-197m

Radionuclide Production Cross Section



MAT 8029

(n,p) d

80-Hg-197m

