

Program EVALPLOT  
(Version 2017-1)

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

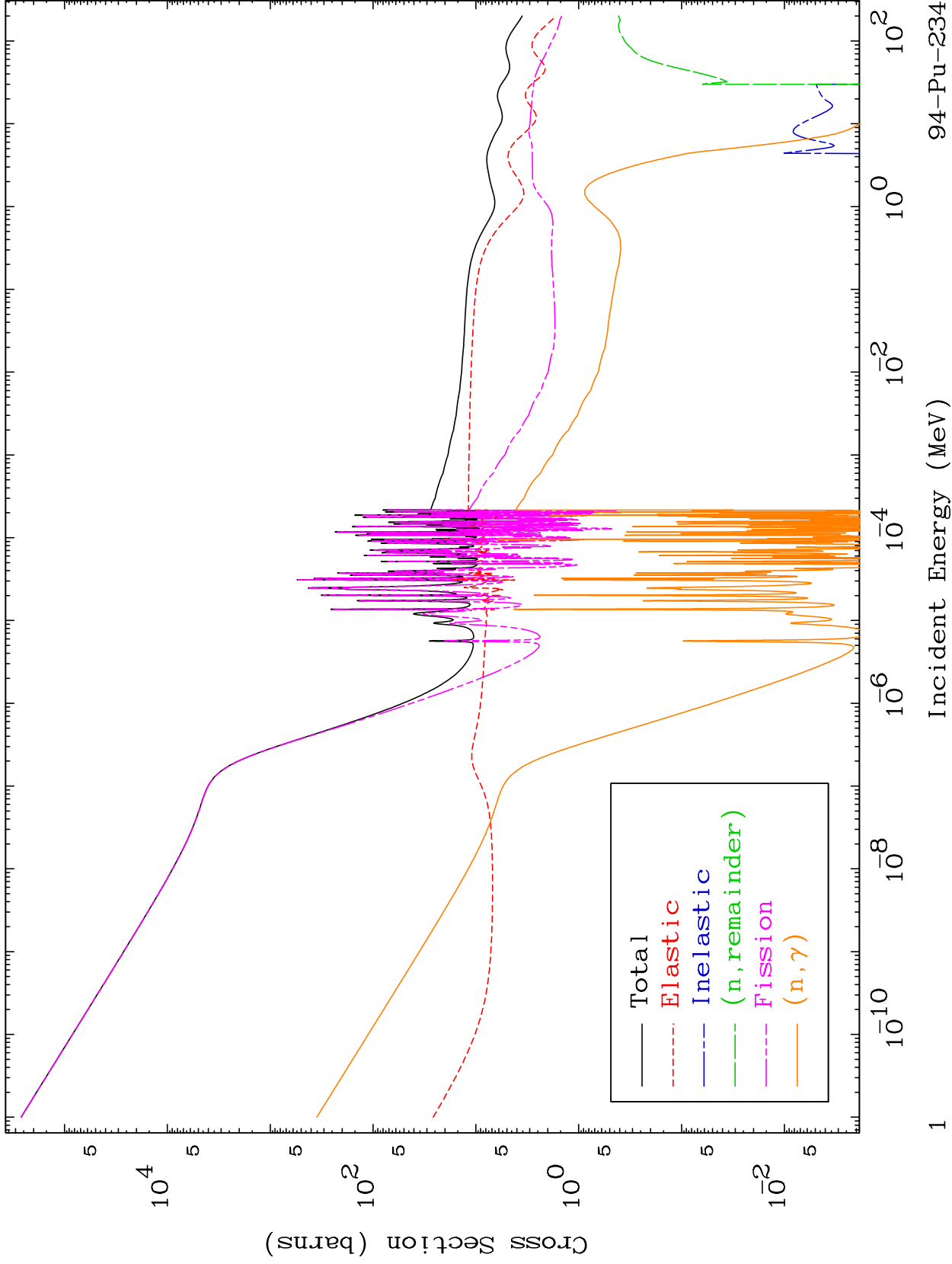
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9422

Major  
293 Kelvin Cross Sections

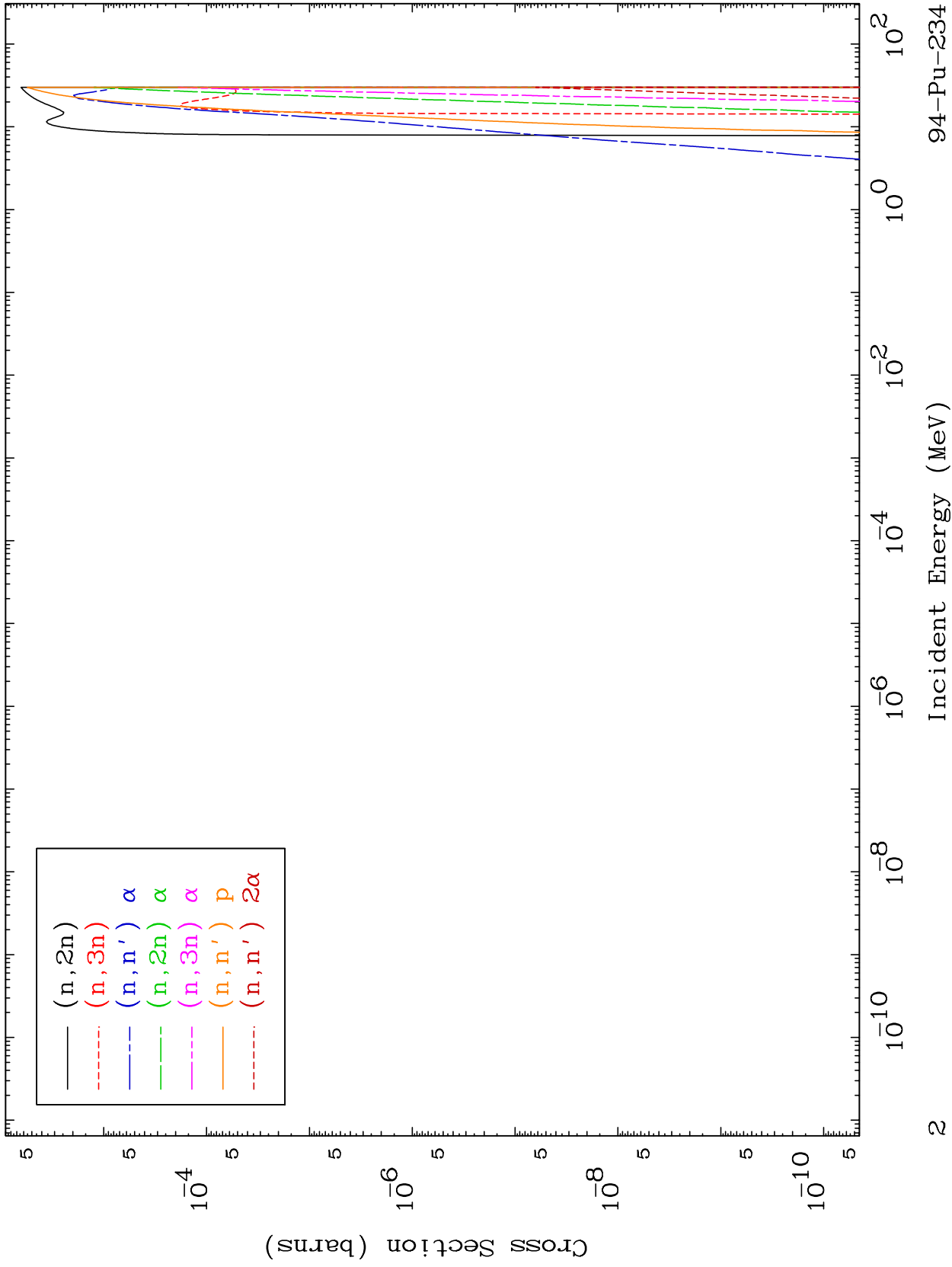
94-Pu-234



MAT 9422

Neutron Production  
293 Kelvin Cross Sections

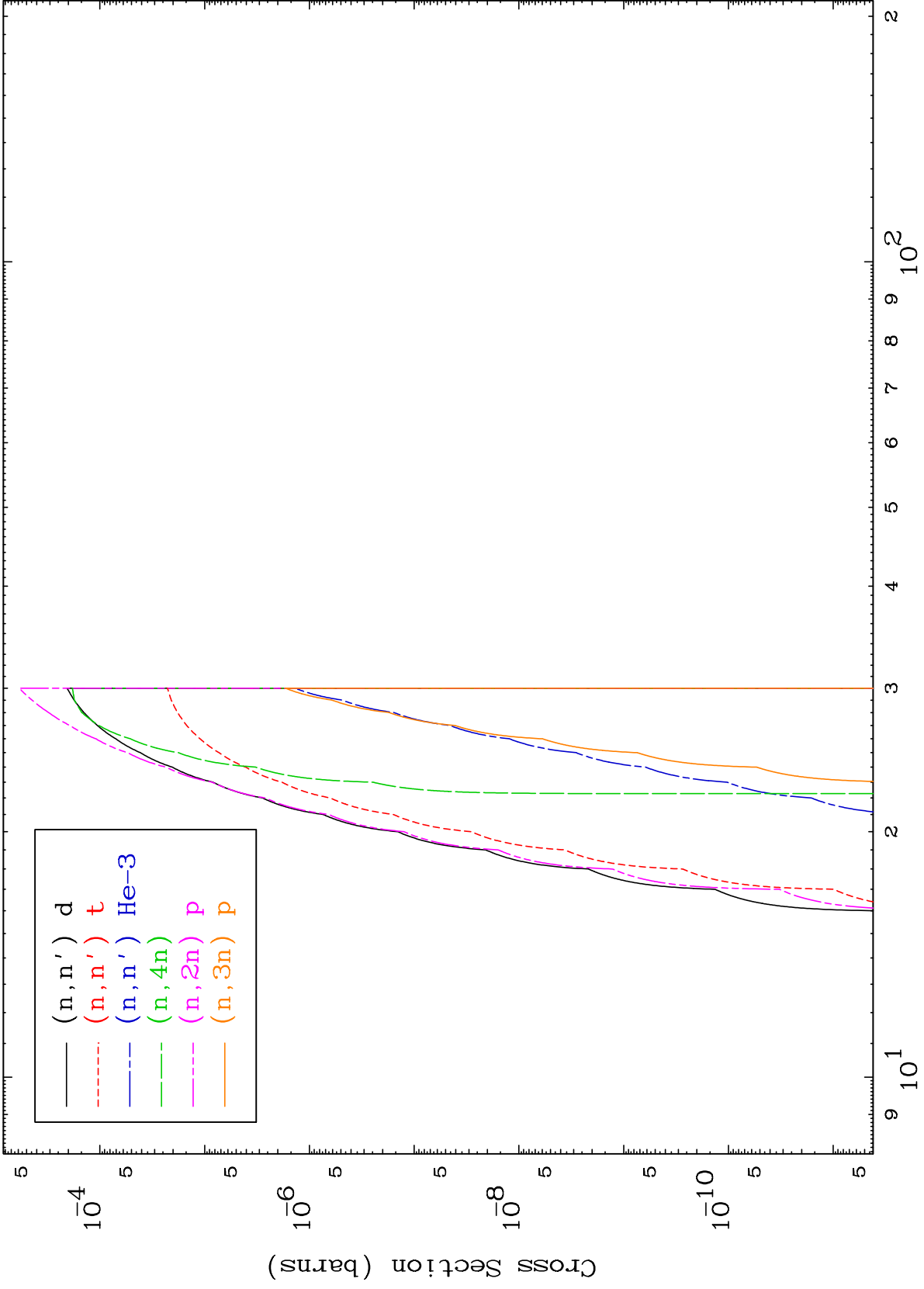
94-Pu-234



MAT 9422

Neutron Production  
293 Kelvin Cross Sections

94-Pu-234



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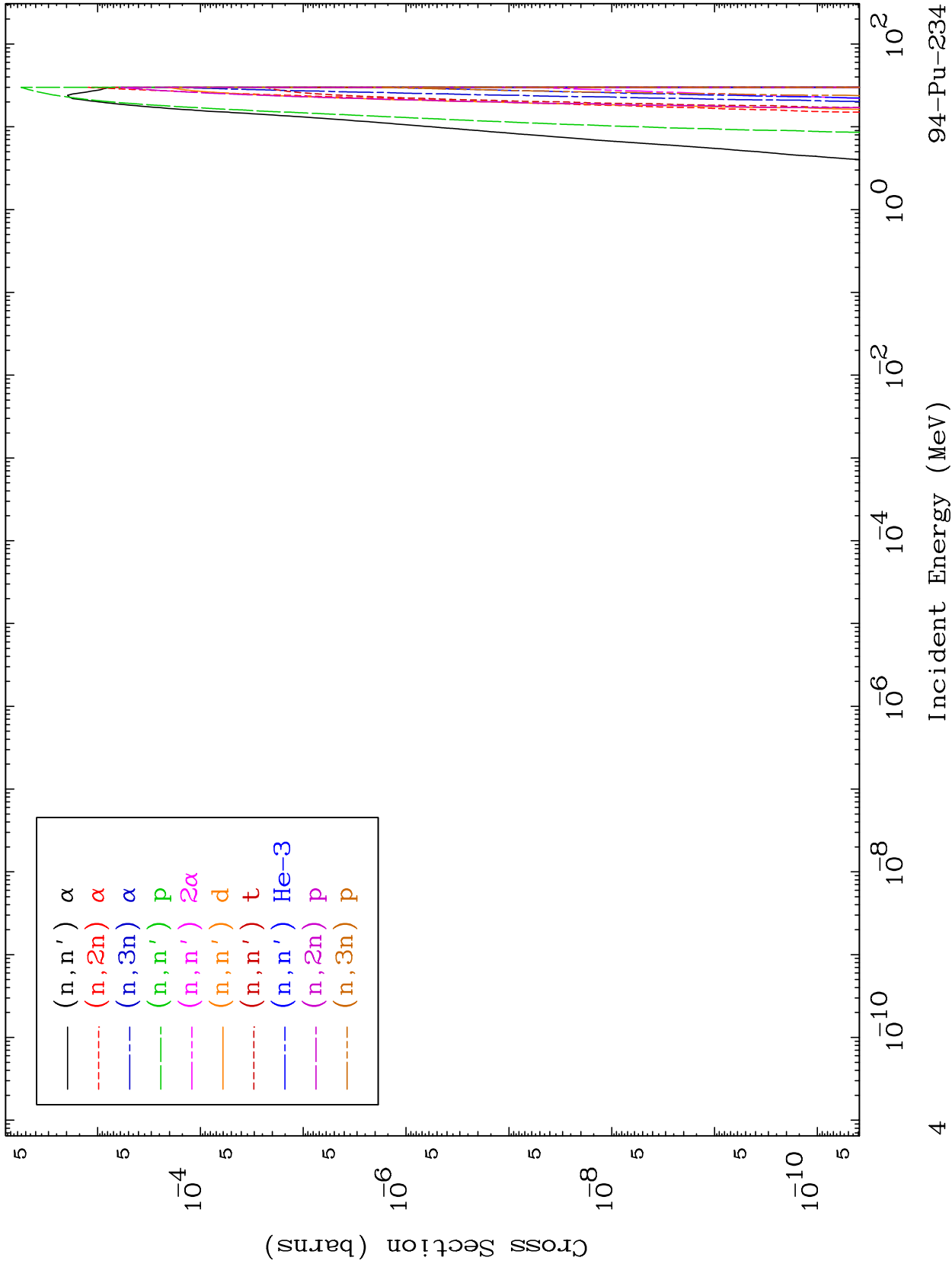
Incident Energy (MeV)

94-Pu-234

MAT 9422

Charged Particle  
293 Kelvin Cross Sections

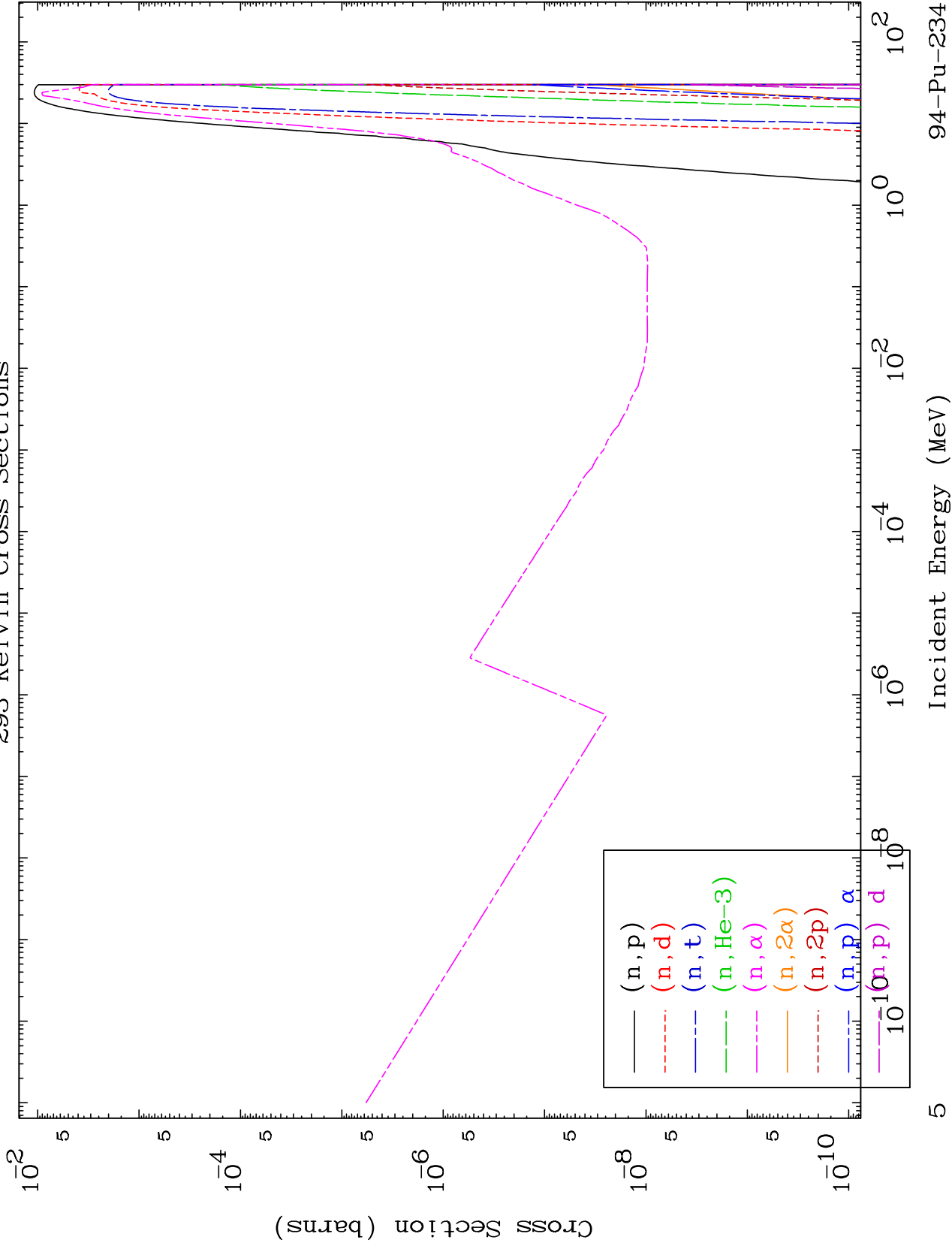
94-Pu-234



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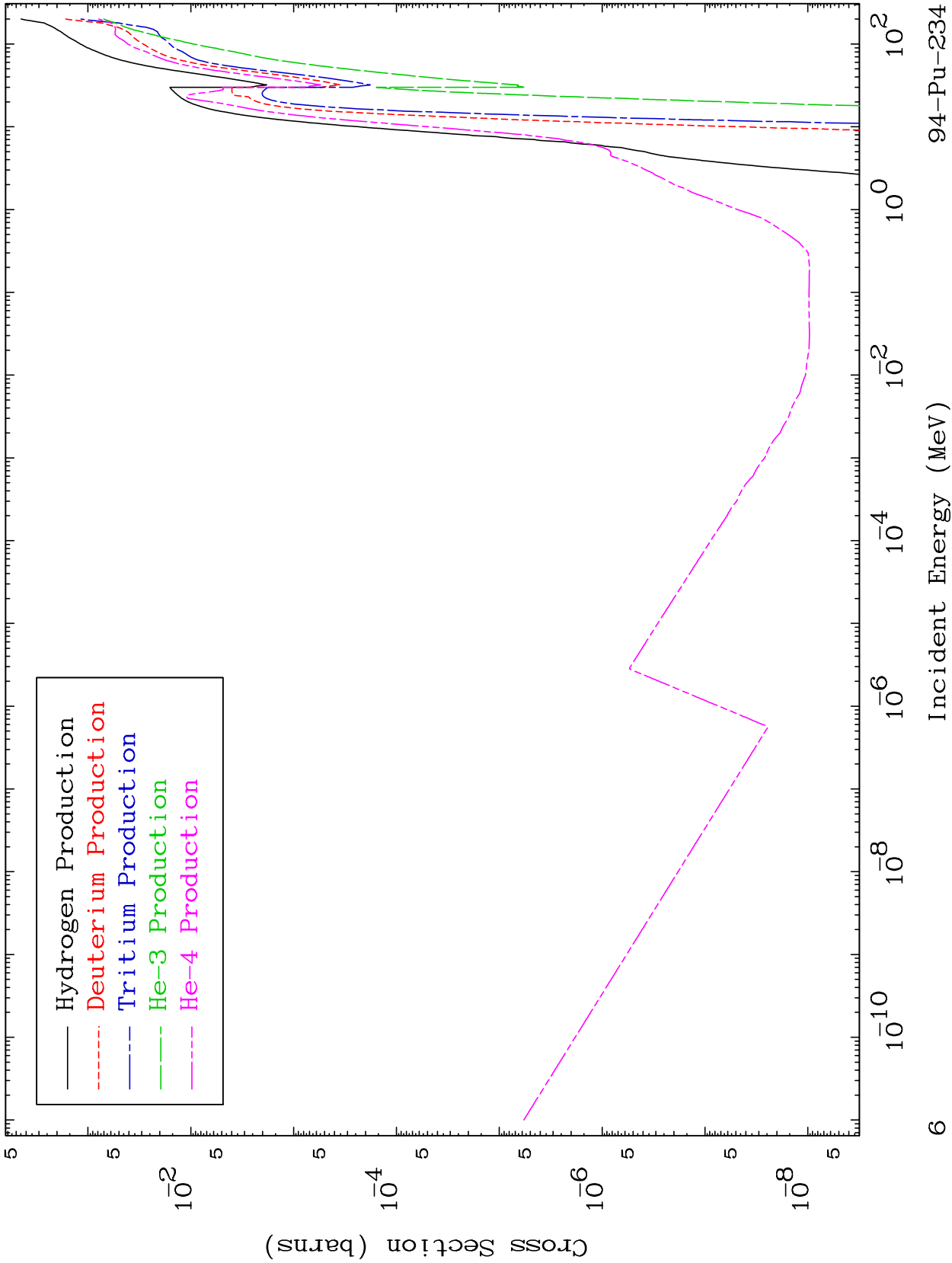
Charged Particle  
293 Kelvin Cross Sections

94-Pu-234



5

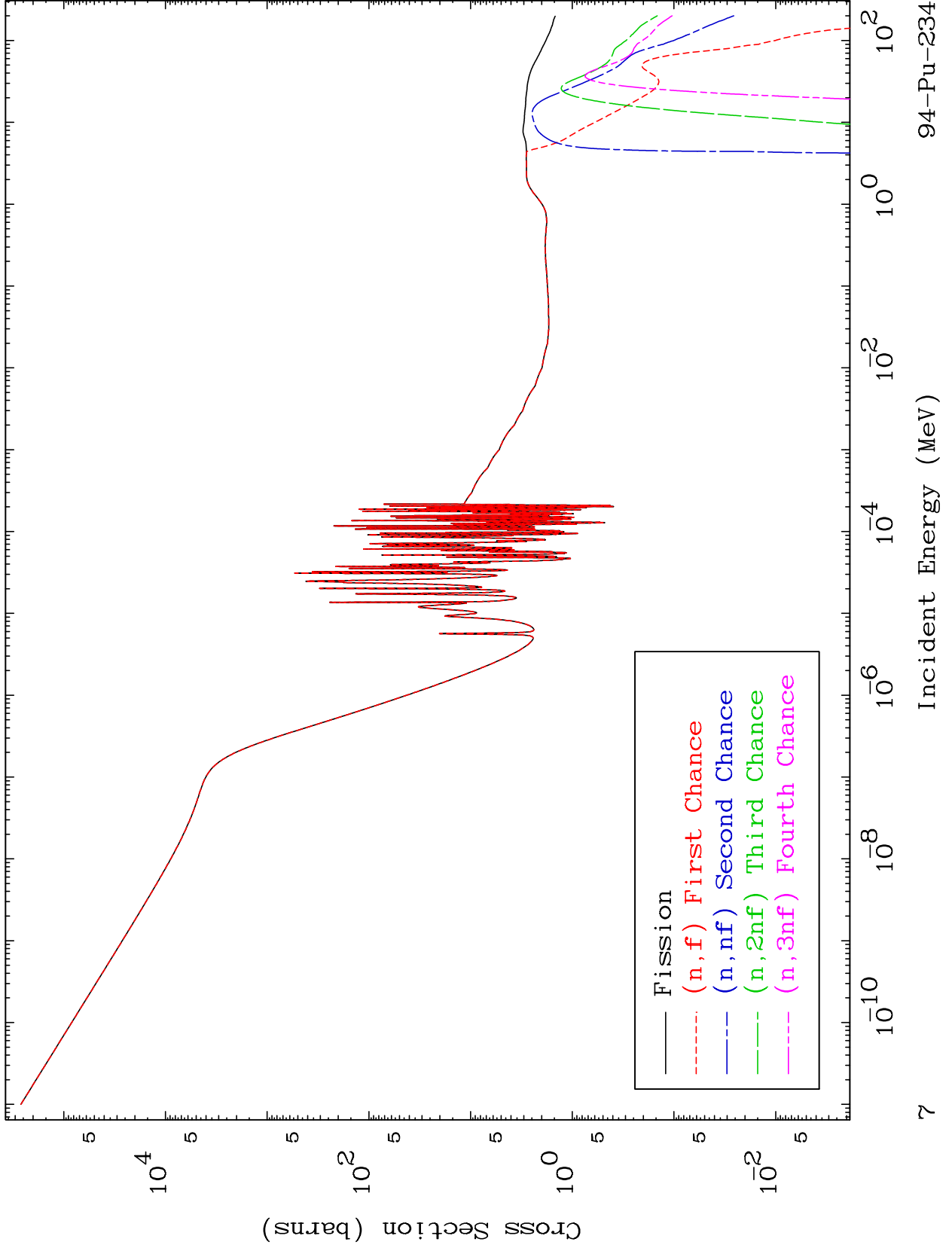
94-Pu-234



MAT 9422

Fission  
293 Kelvin Cross Sections

94-Pu-234



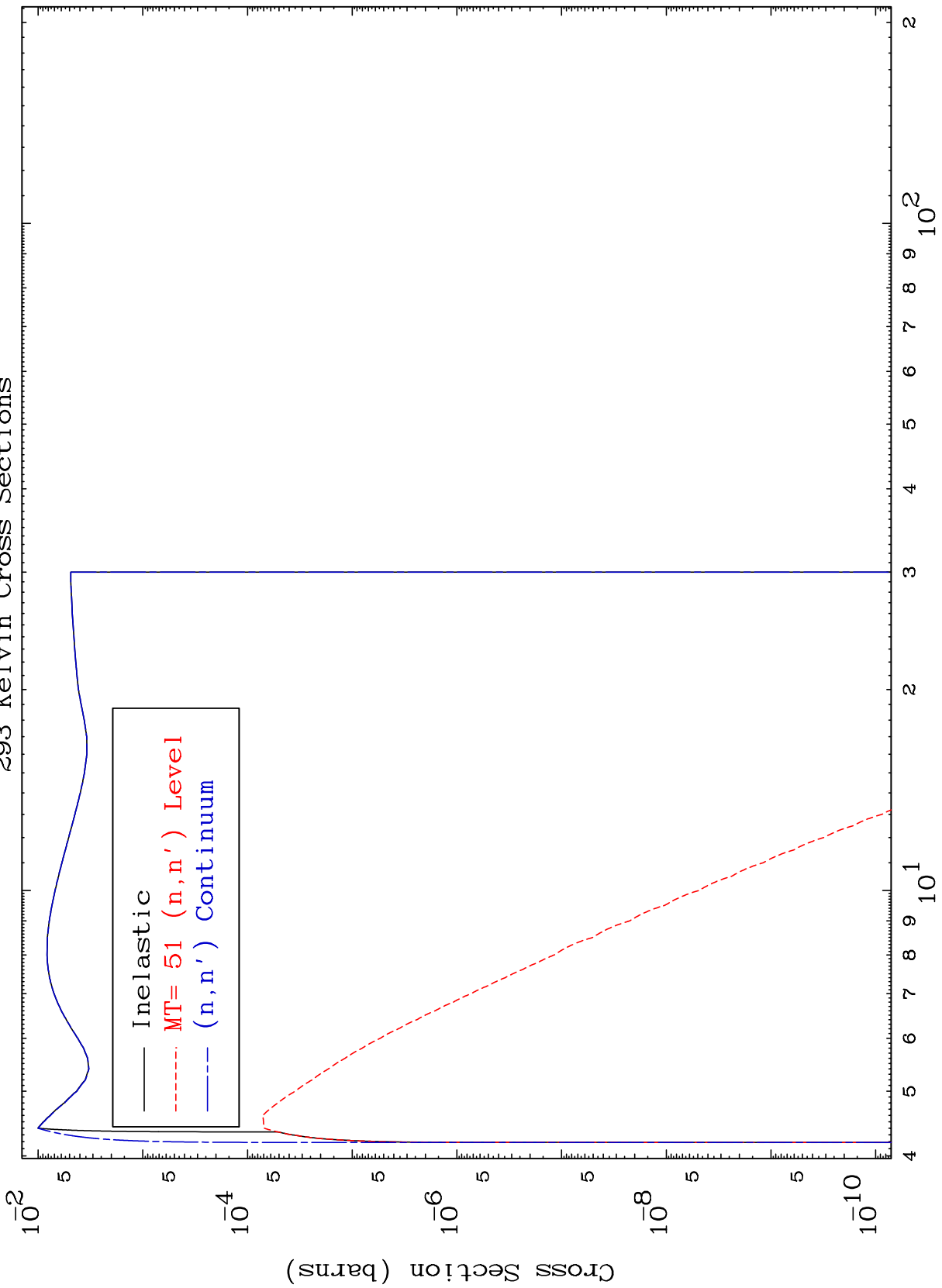


MAT 9422

(n,n') Level

94-Pu-234

293 Kelvin Cross Sections



8

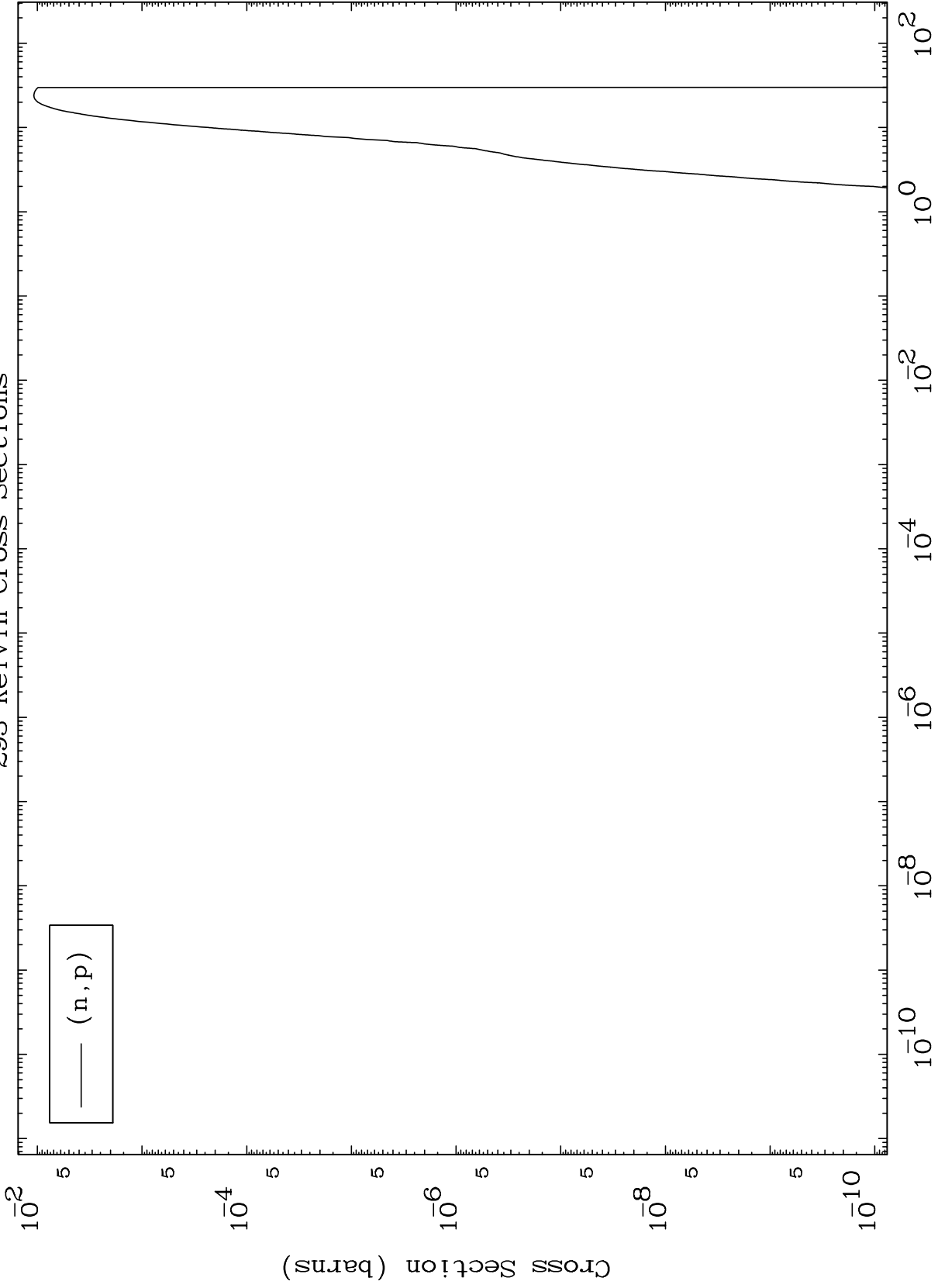
Incident Energy (MeV)

94-Pu-234

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(n,p) Levels  
293 Kelvin Cross Sections

94-Pu-234



(n,p)

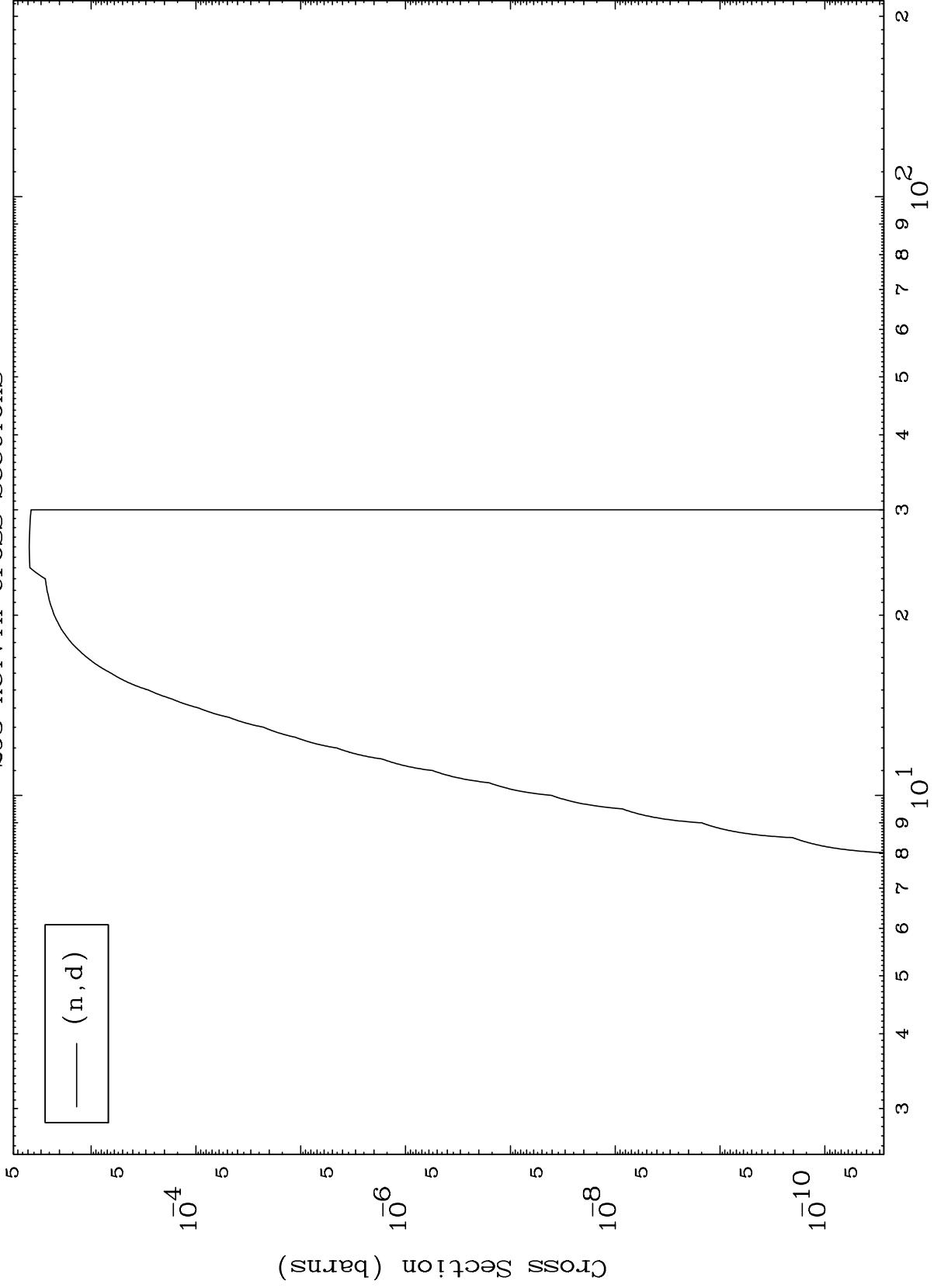
Incident Energy (MeV)

94-Pu-234

MAT 9422

(n,d) Levels  
293 Kelvin Cross Sections

94-Pu-234



10

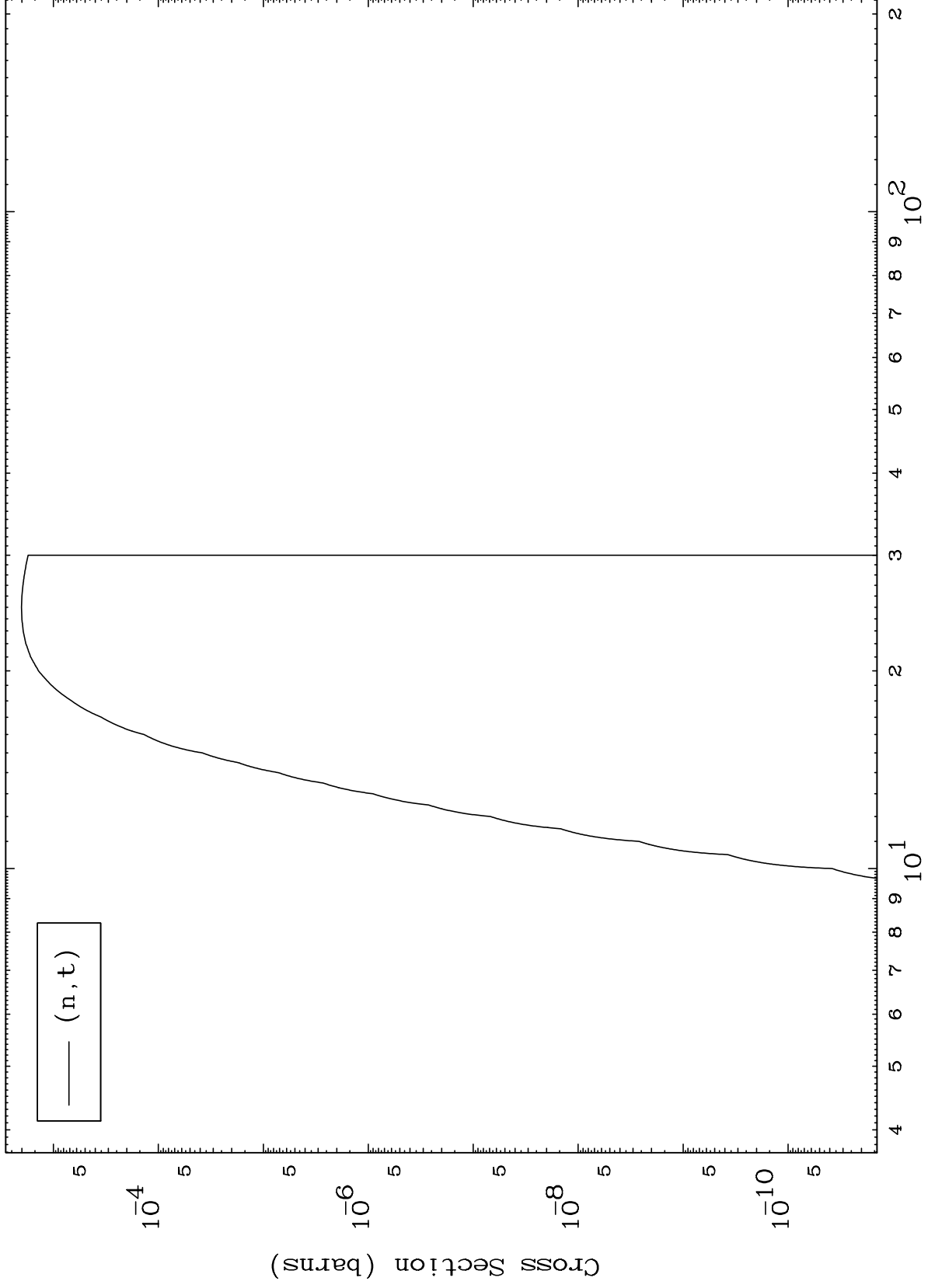
Incident Energy (MeV)

94-Pu-234

MAT 9422

(n,t) Levels  
293 Kelvin Cross Sections

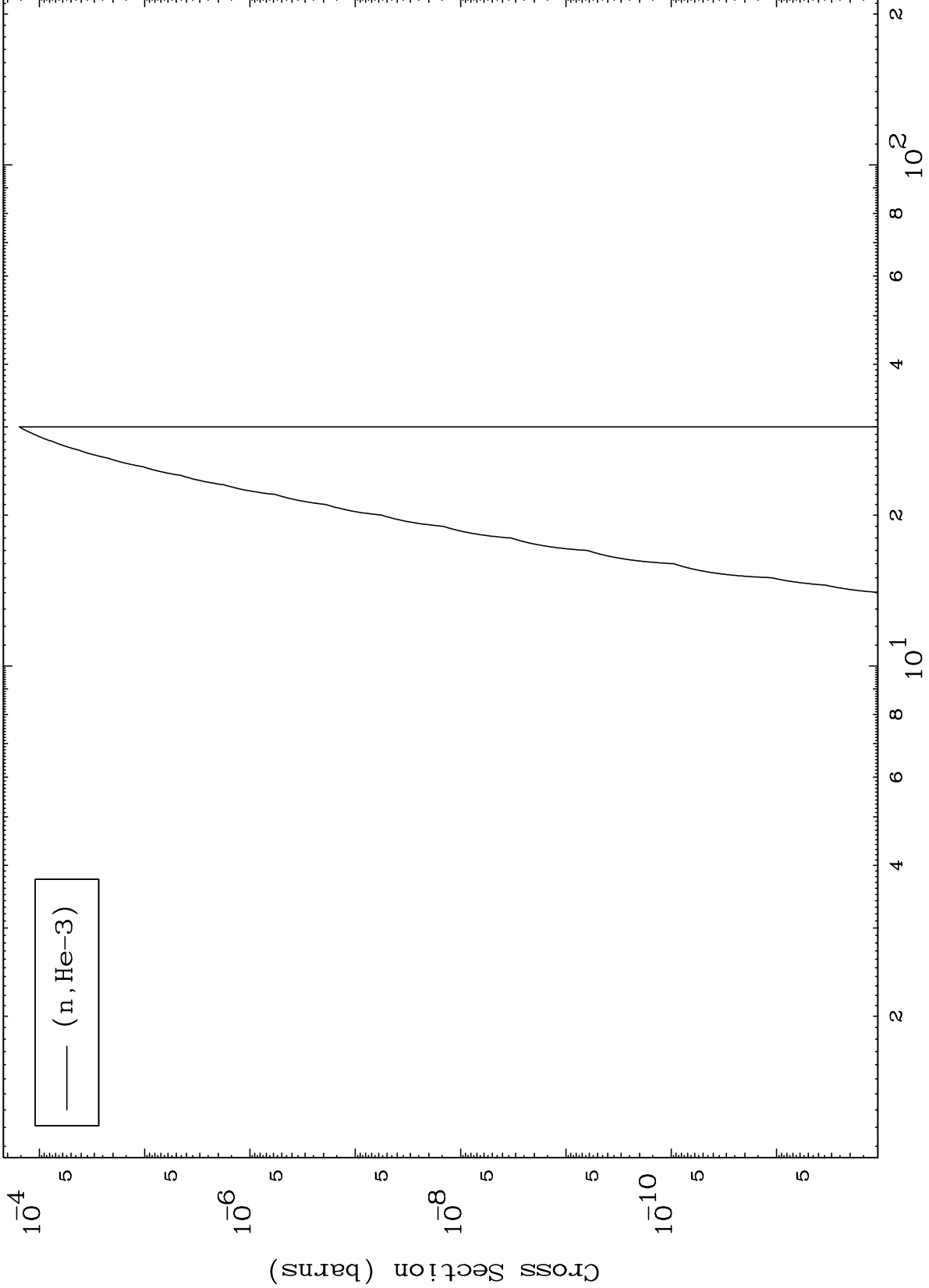
94-Pu-234



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(n,He3) Levels  
293 Kelvin Cross Sections

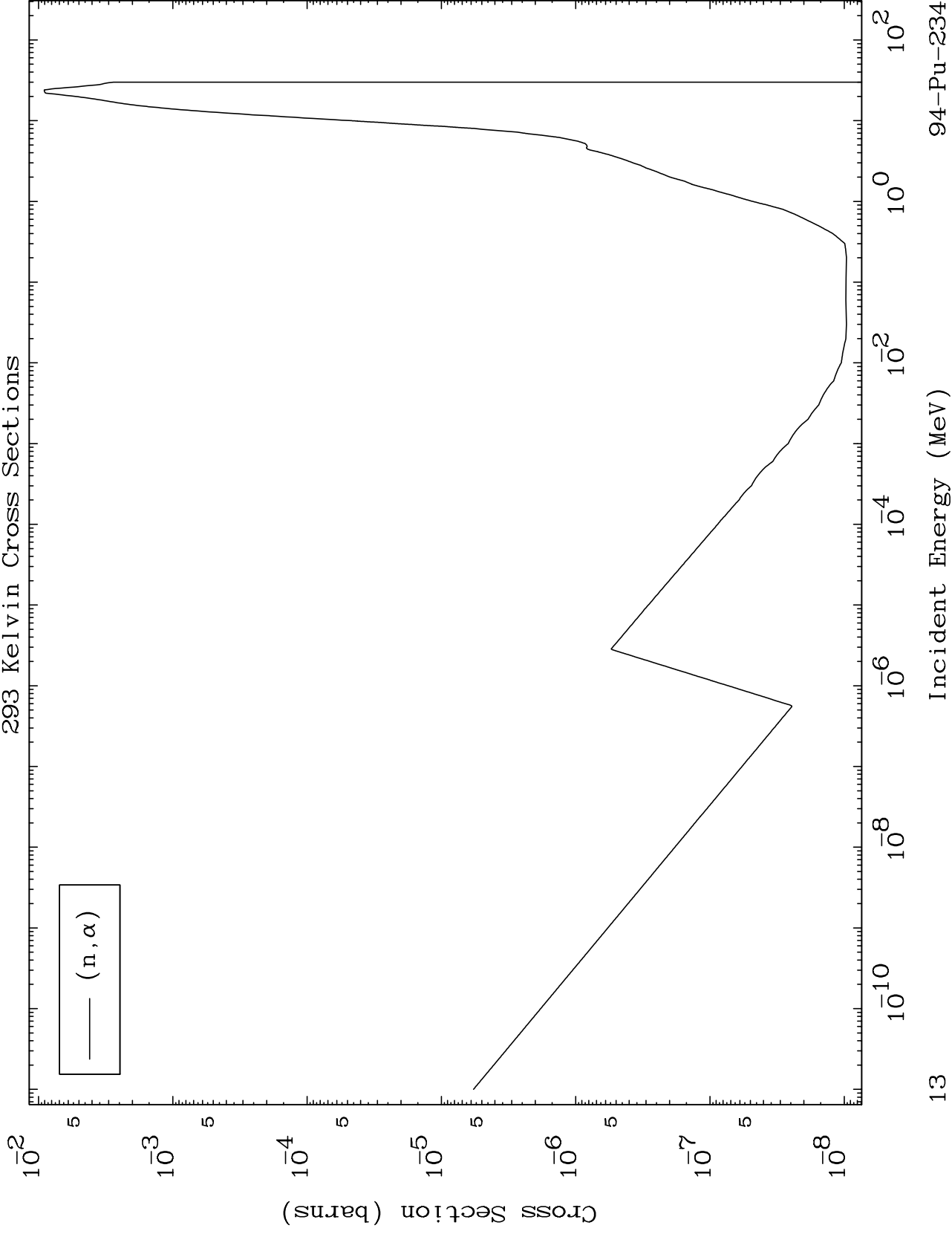
94-Pu-234

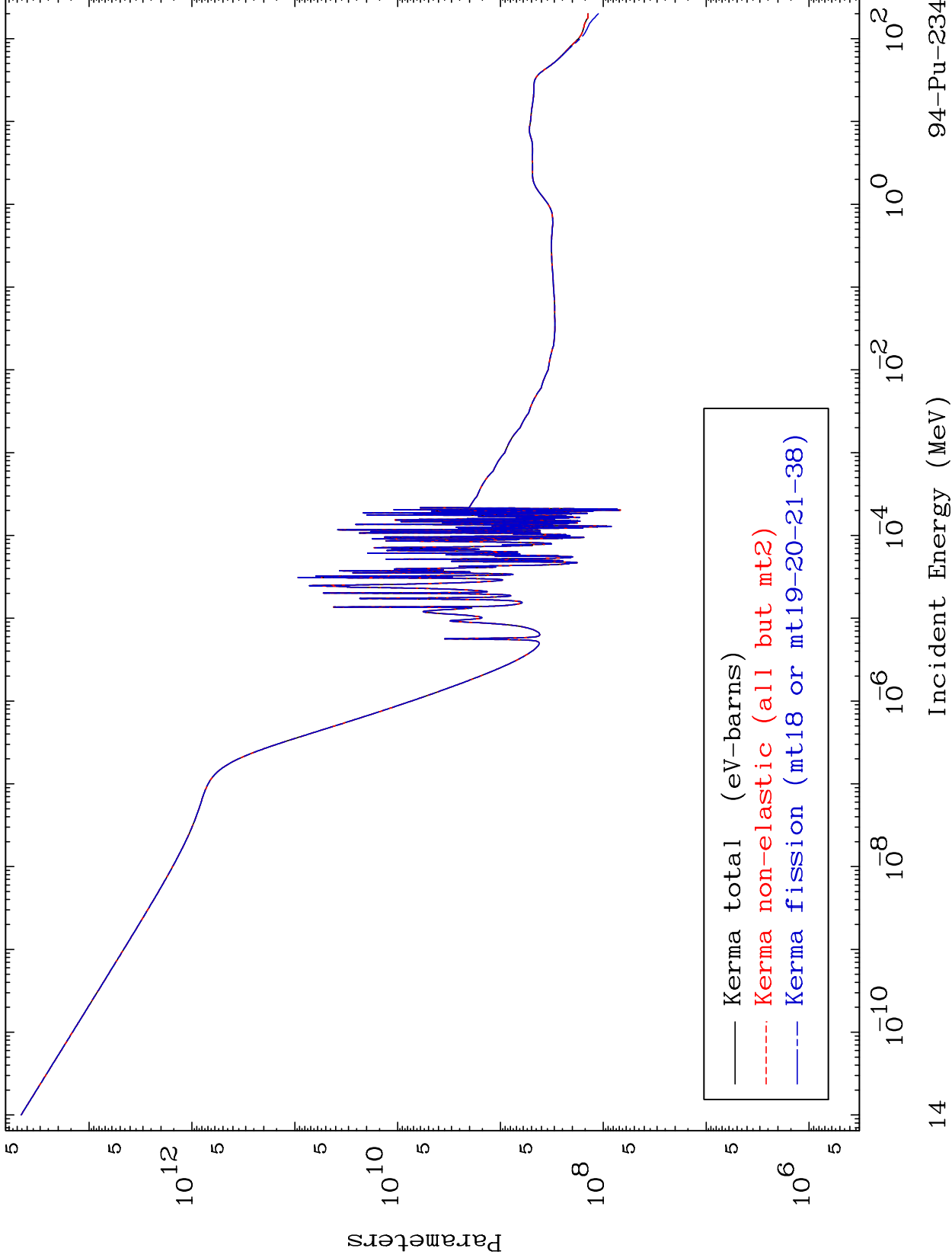


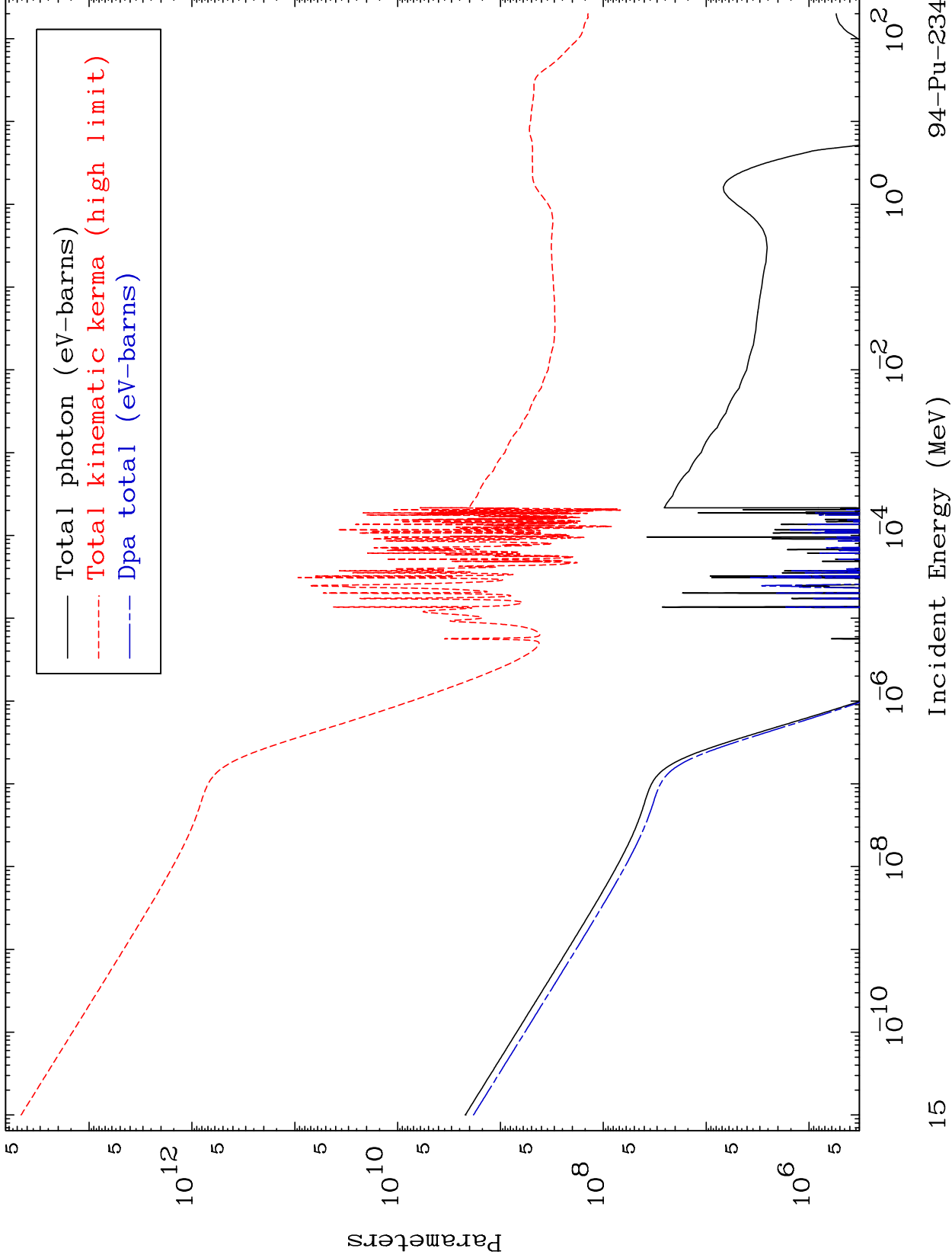
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

94-Pu-234





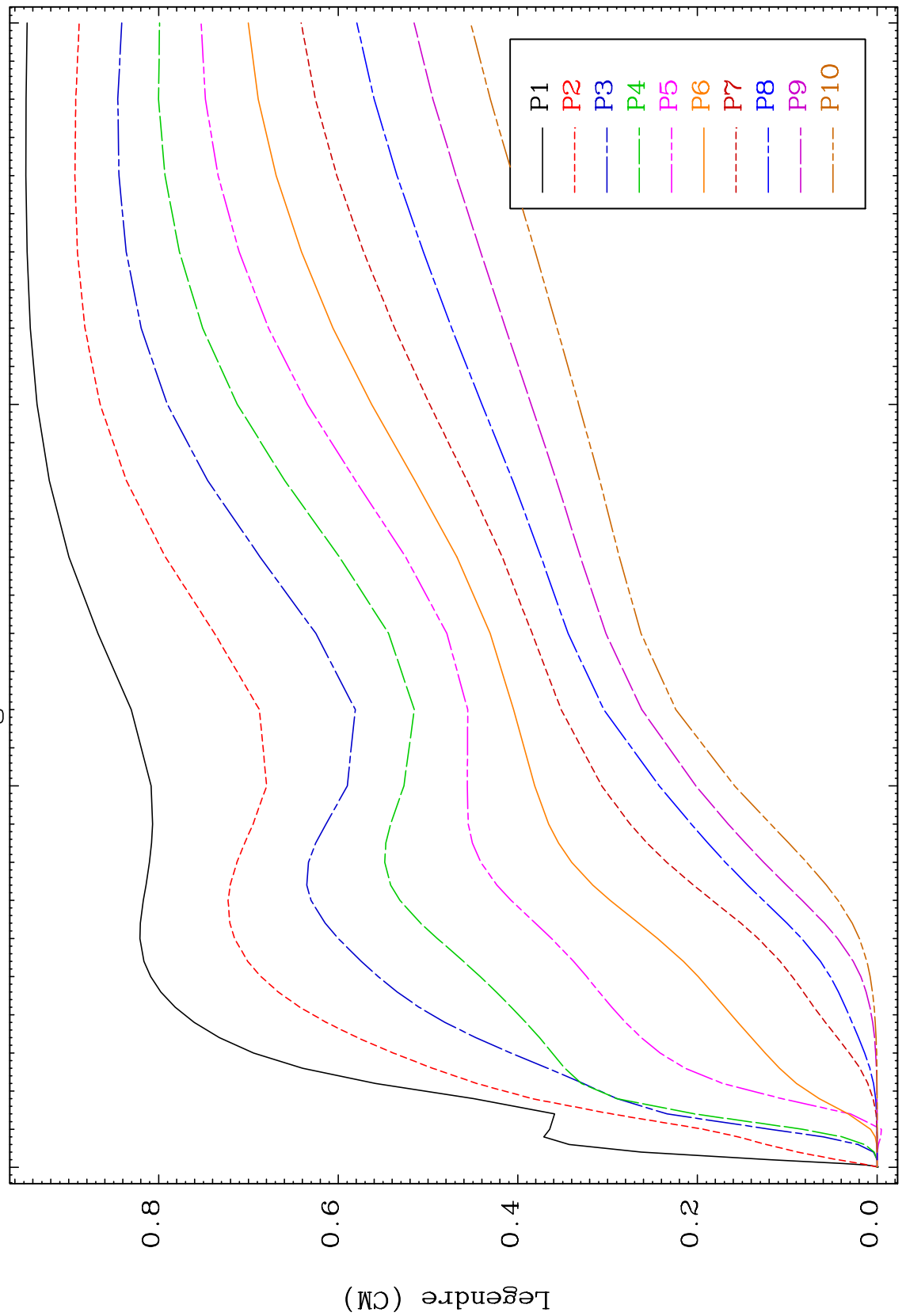




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Elastic Legendre Coefficients



94-Pu-234

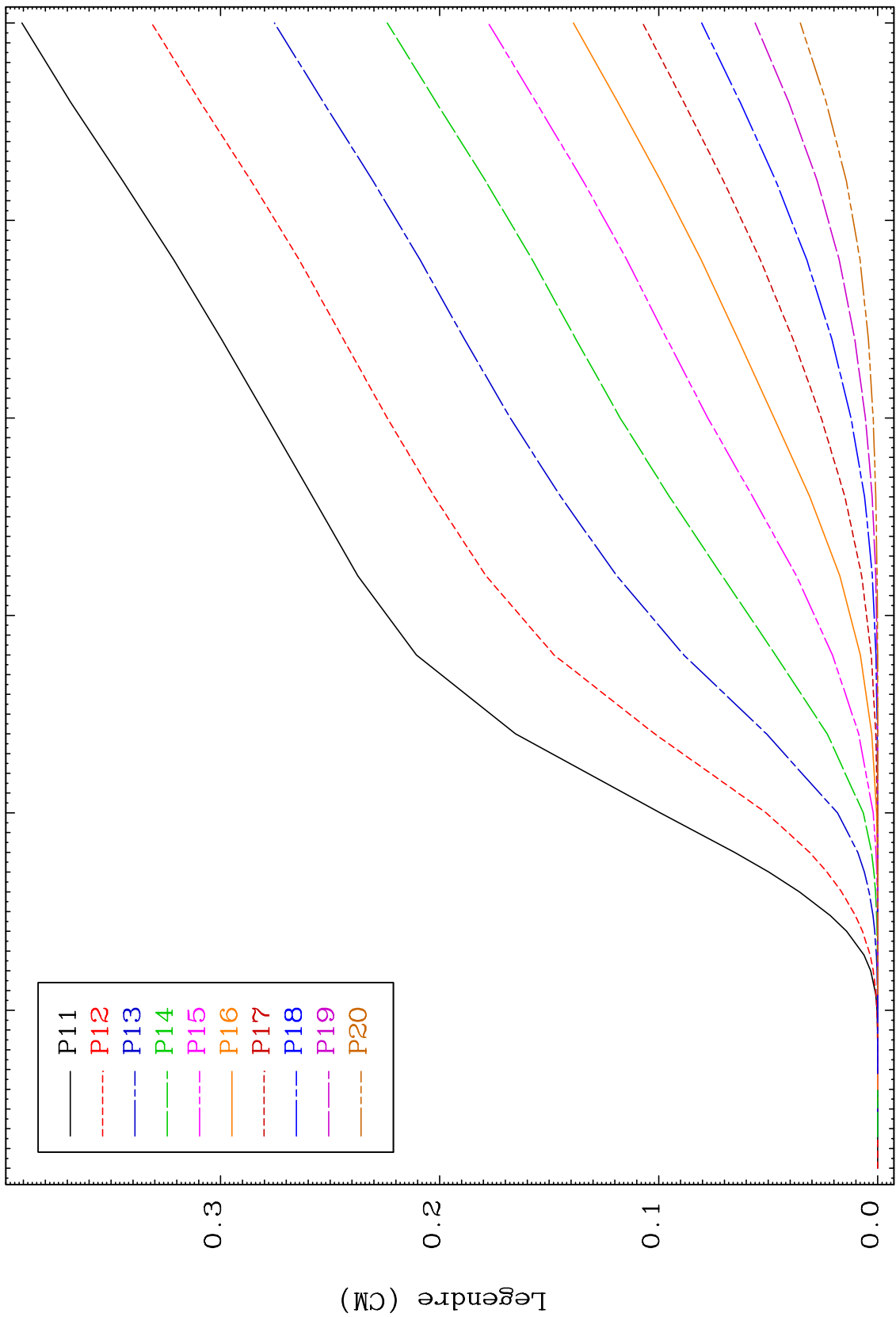
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

94-Pu-234



17

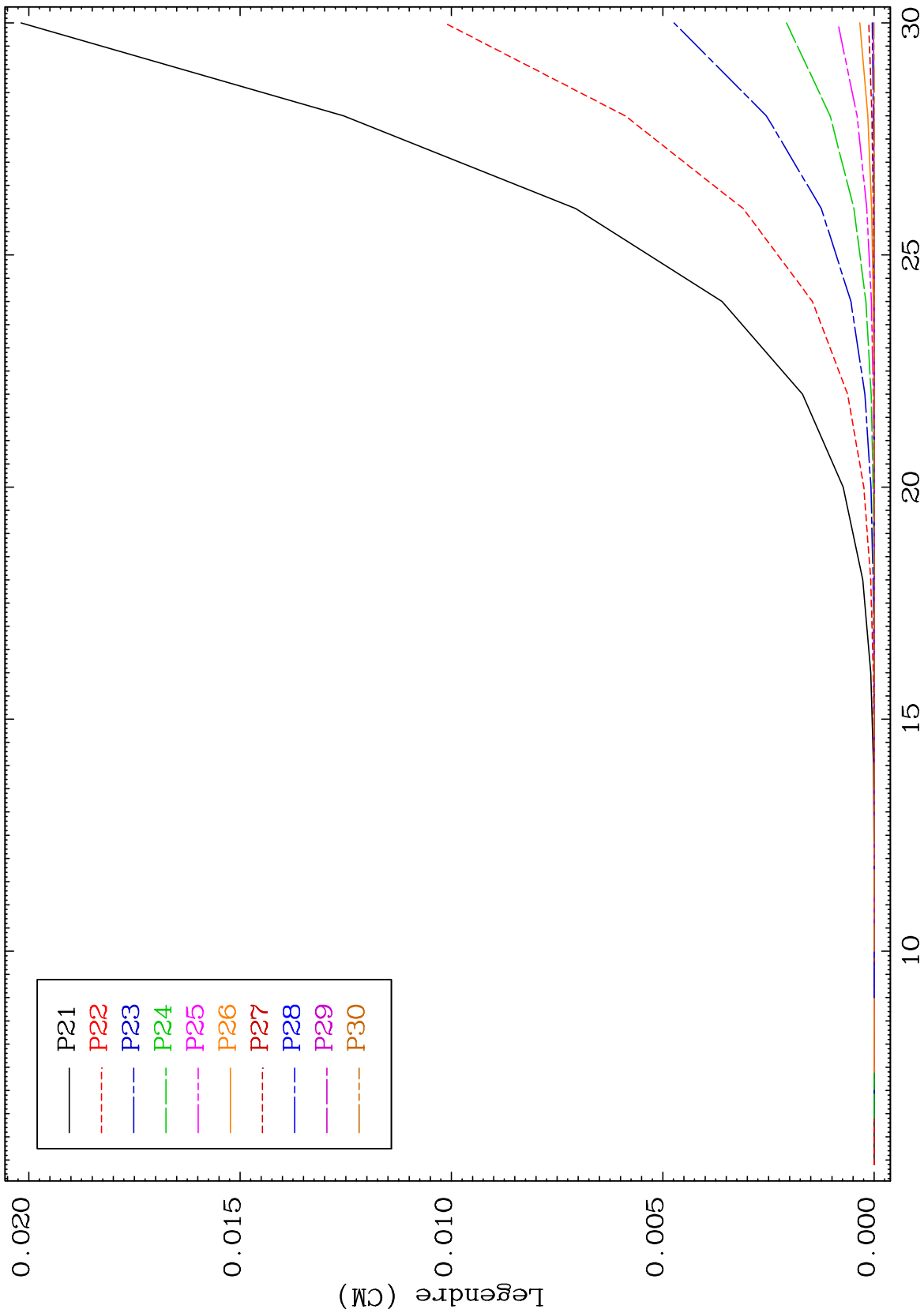
Incident Energy (MeV)

94-Pu-234

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Elastic Legendre Coefficients

94-Pu-234



18

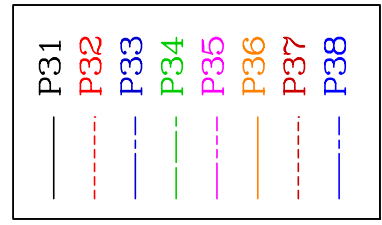
Incident Energy (MeV)

94-Pu-234

MAT 9422

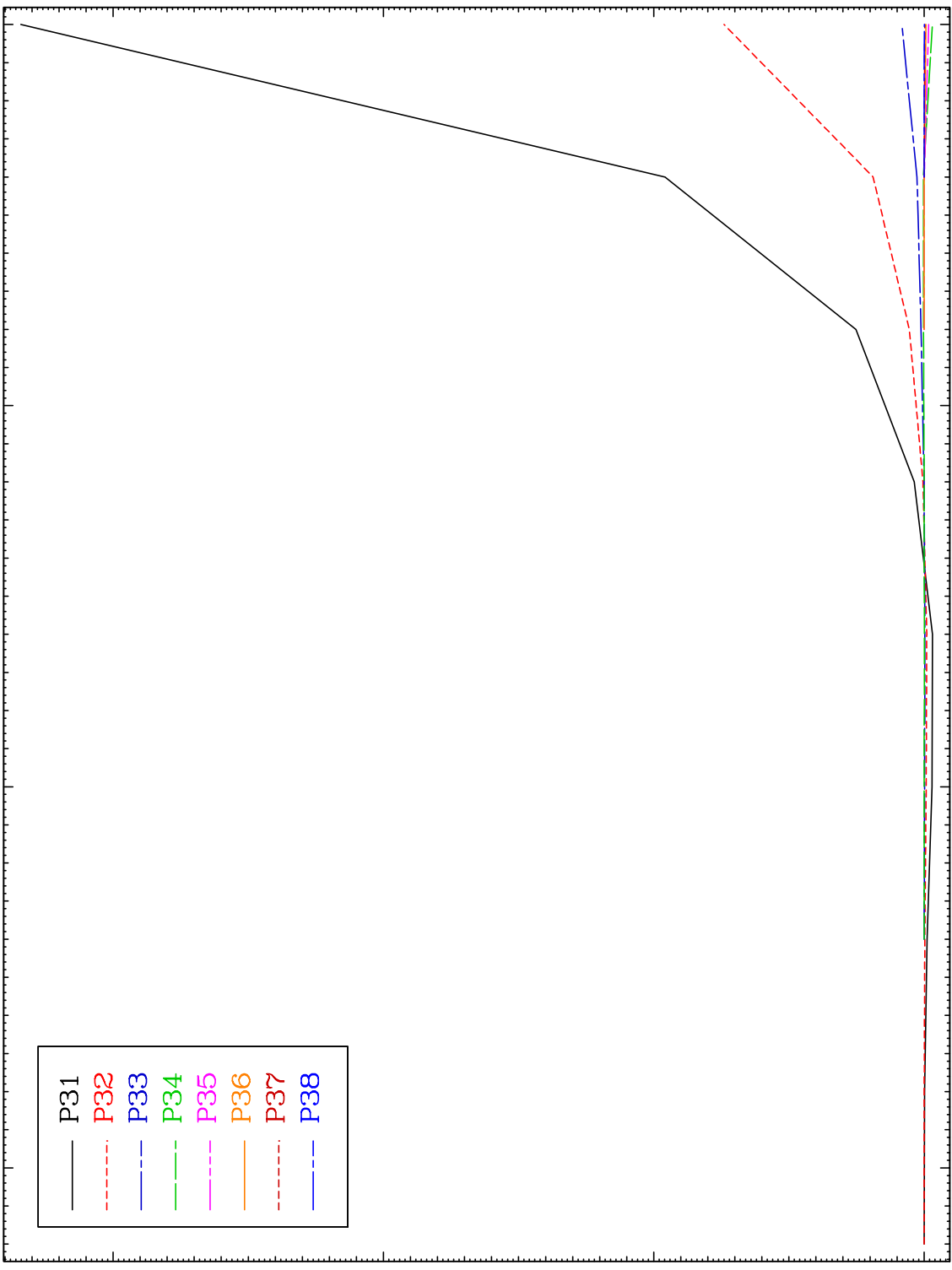
Elastic Legendre Coefficients

94-Pu-234



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

Legendre (CM)



30

25

20

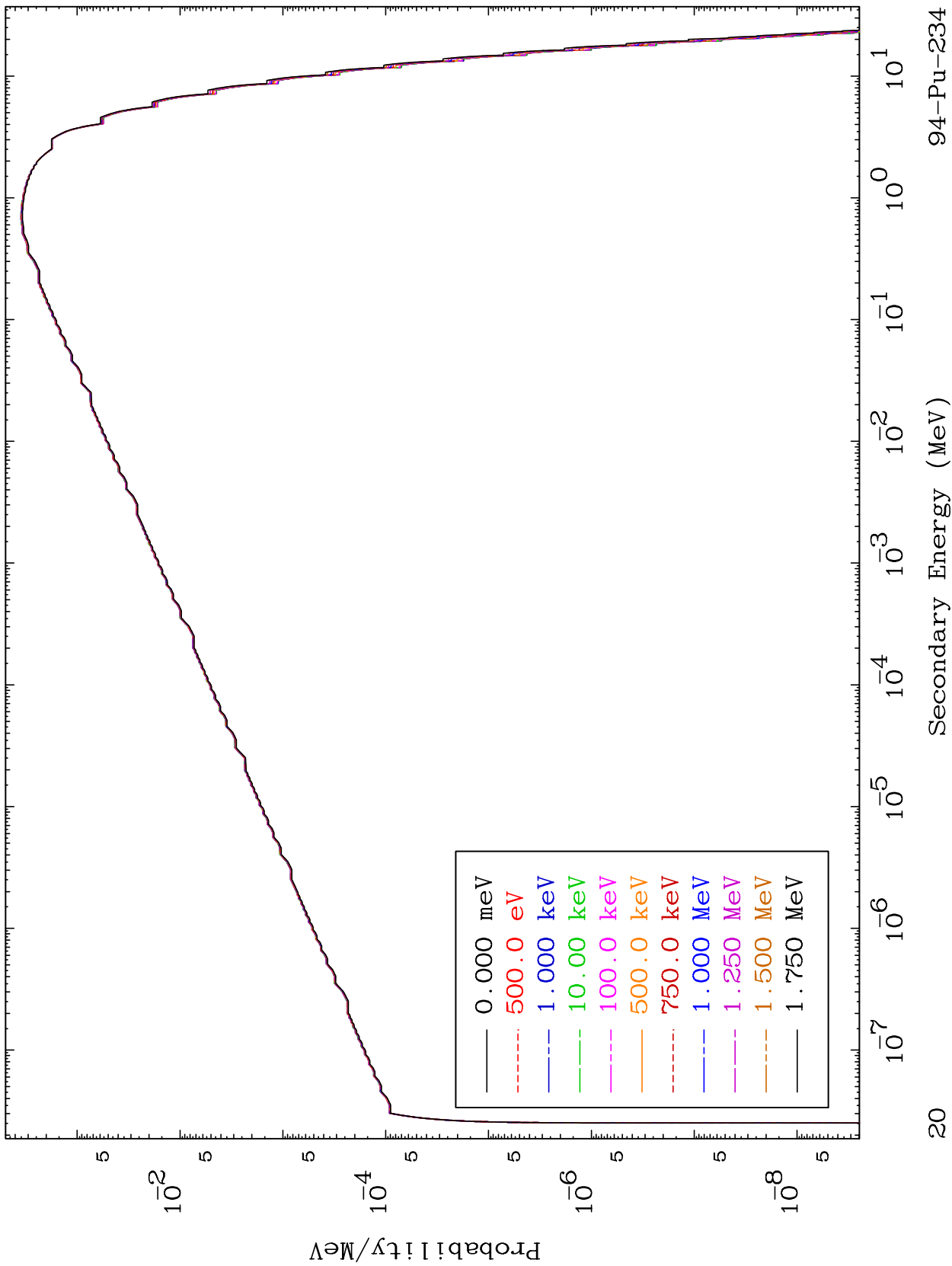
15

19

Incident Energy (MeV)

94-Pu-234

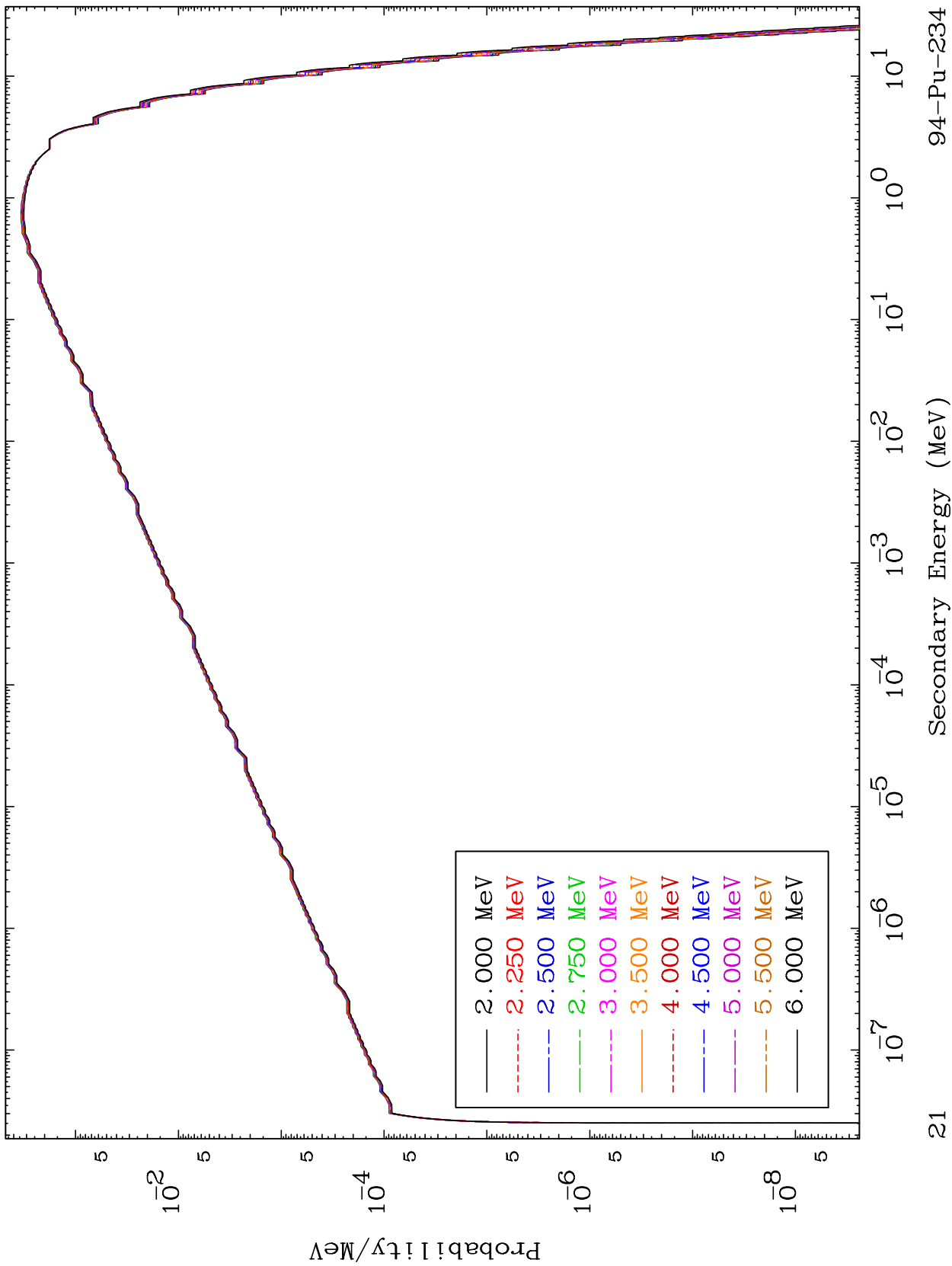
Fission Energy Distribution



MAT 9422

### Fission Energy Distribution

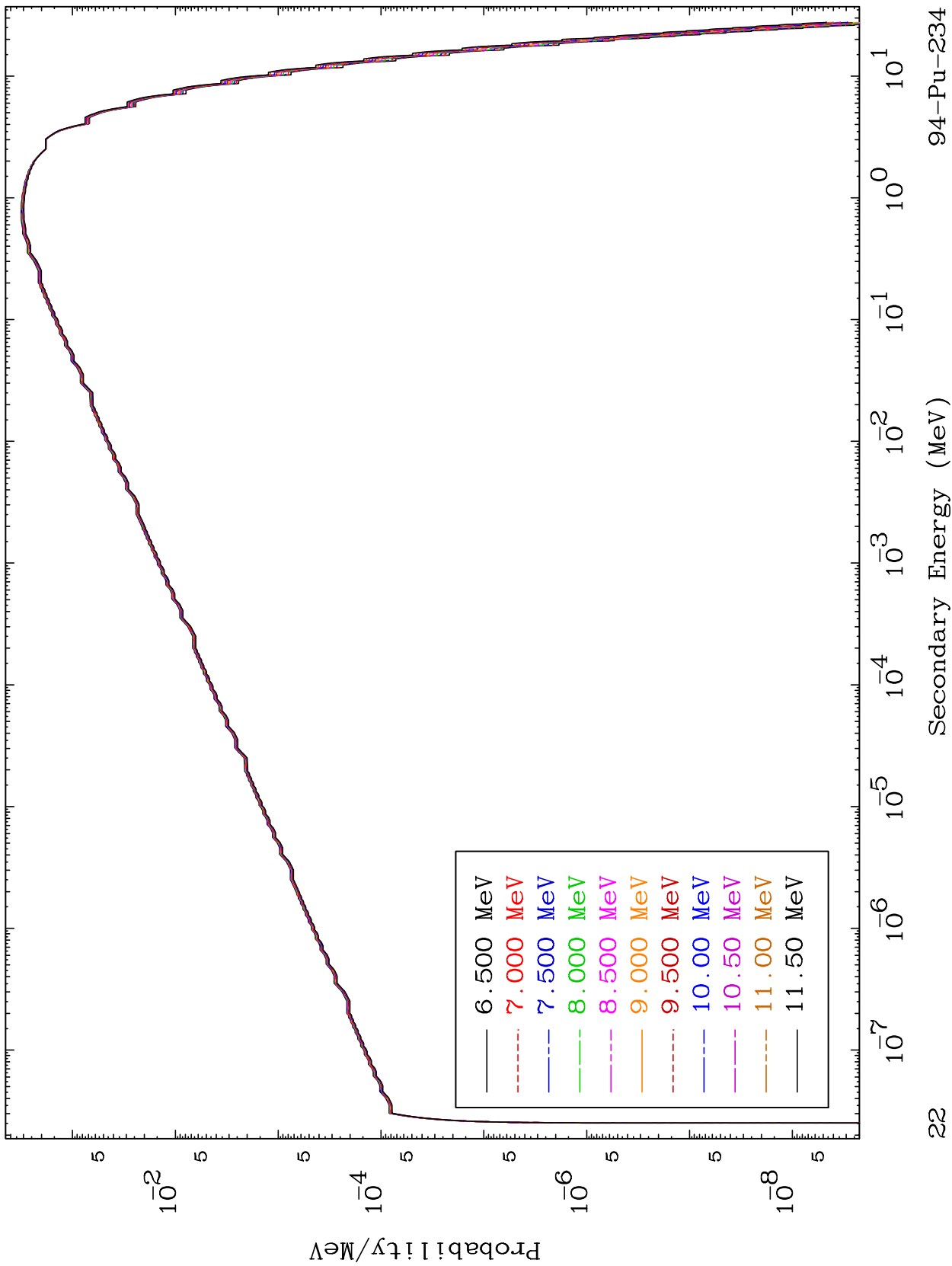
94-Pu-234



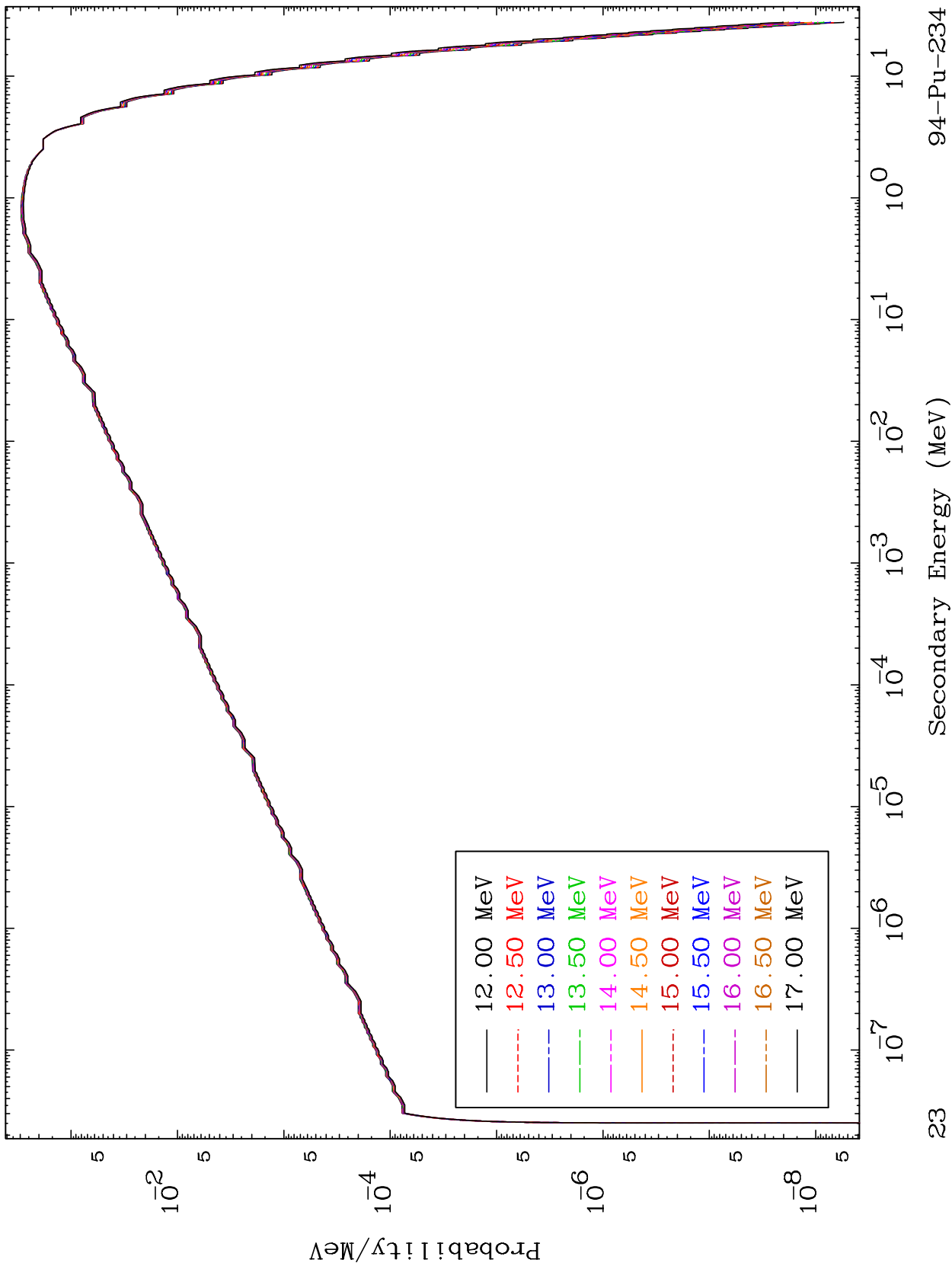
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Secondary Energy (MeV)

# Fission Energy Distribution



### Fission Energy Distribution





### Fission Energy Distribution

