

Program EVALPLOT  
(Version 2018-1)

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

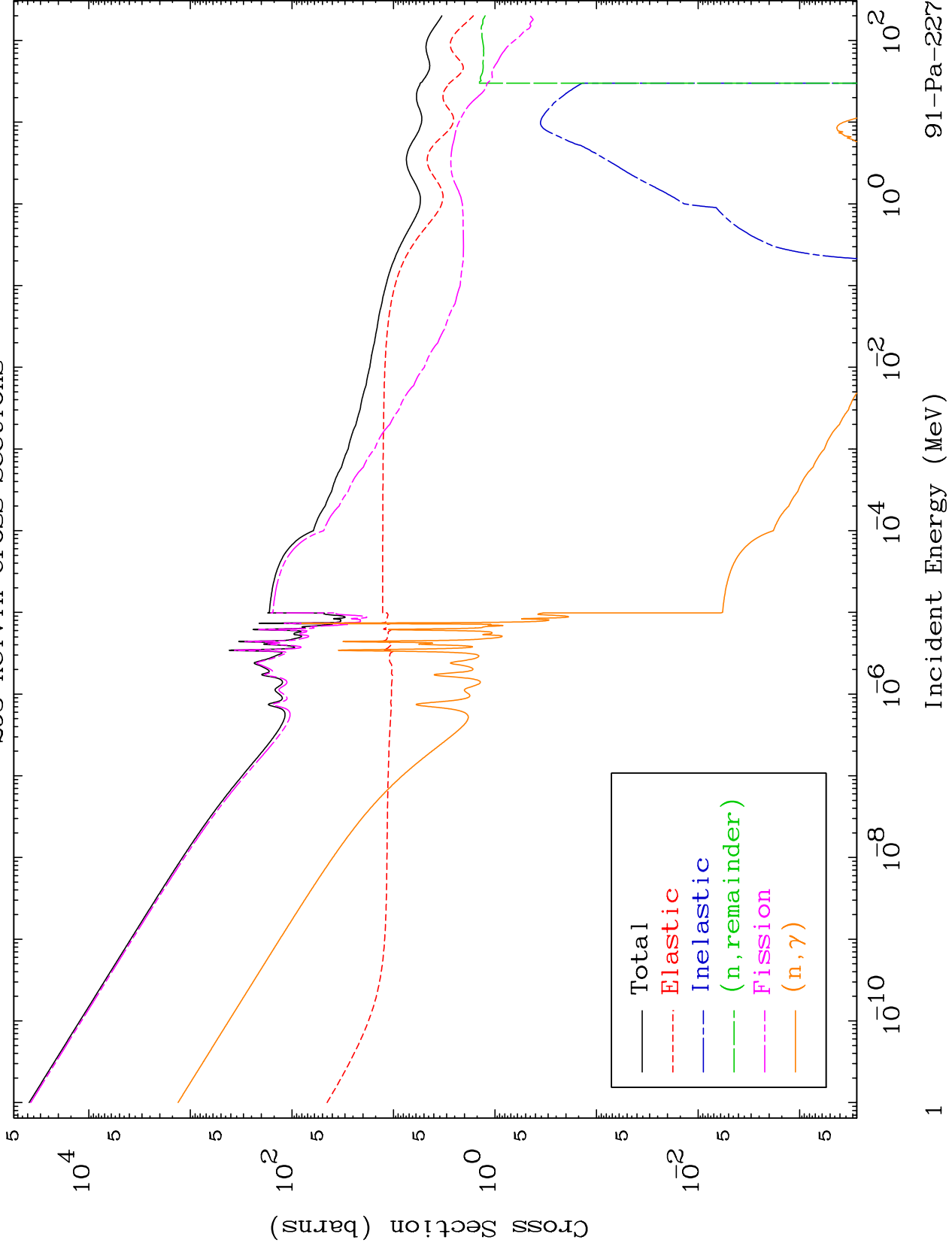
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9119

Major  
293 Kelvin Cross Sections

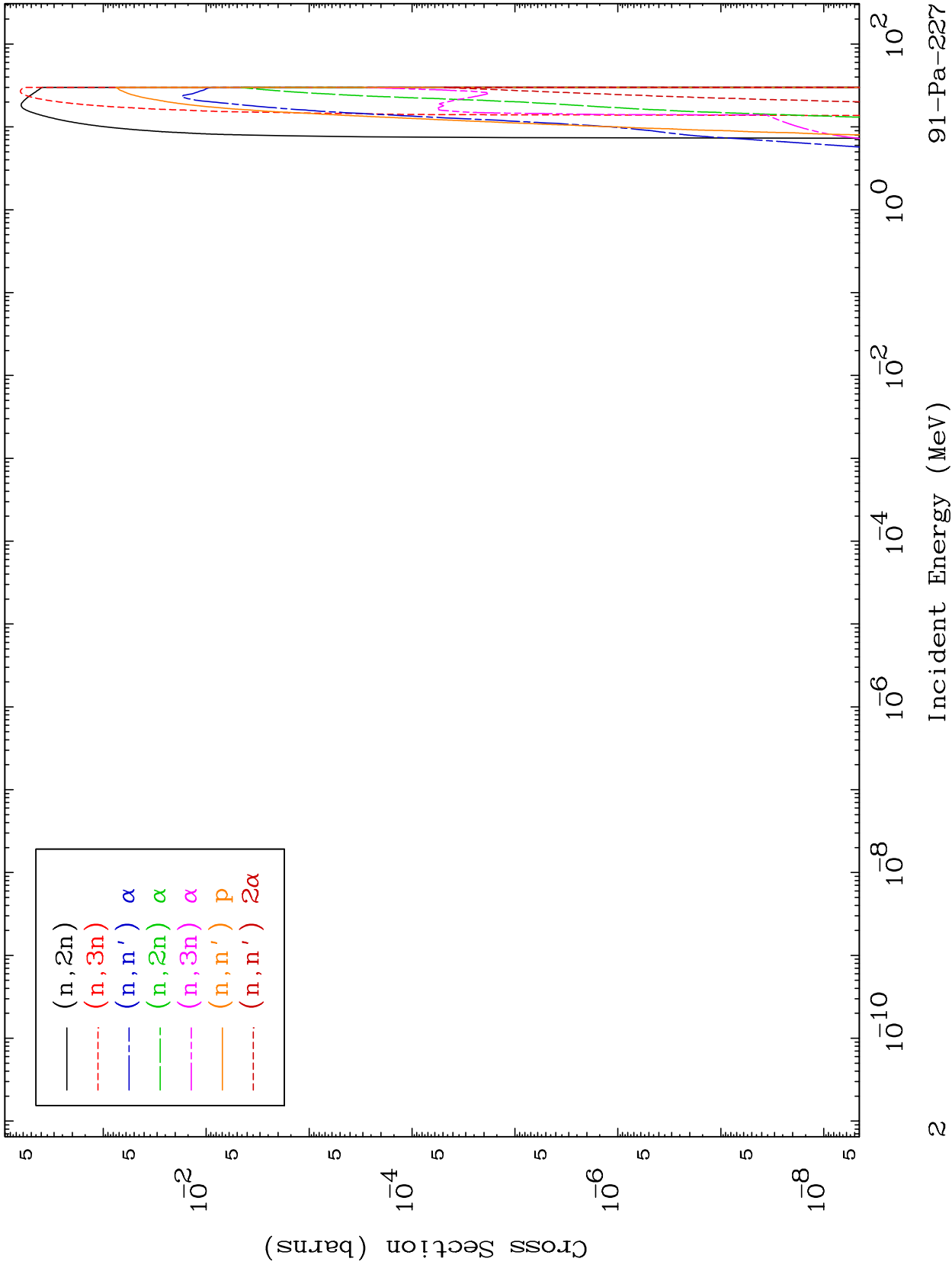
91-Pa-227



MAT 9119

Neutron Production  
293 Kelvin Cross Sections

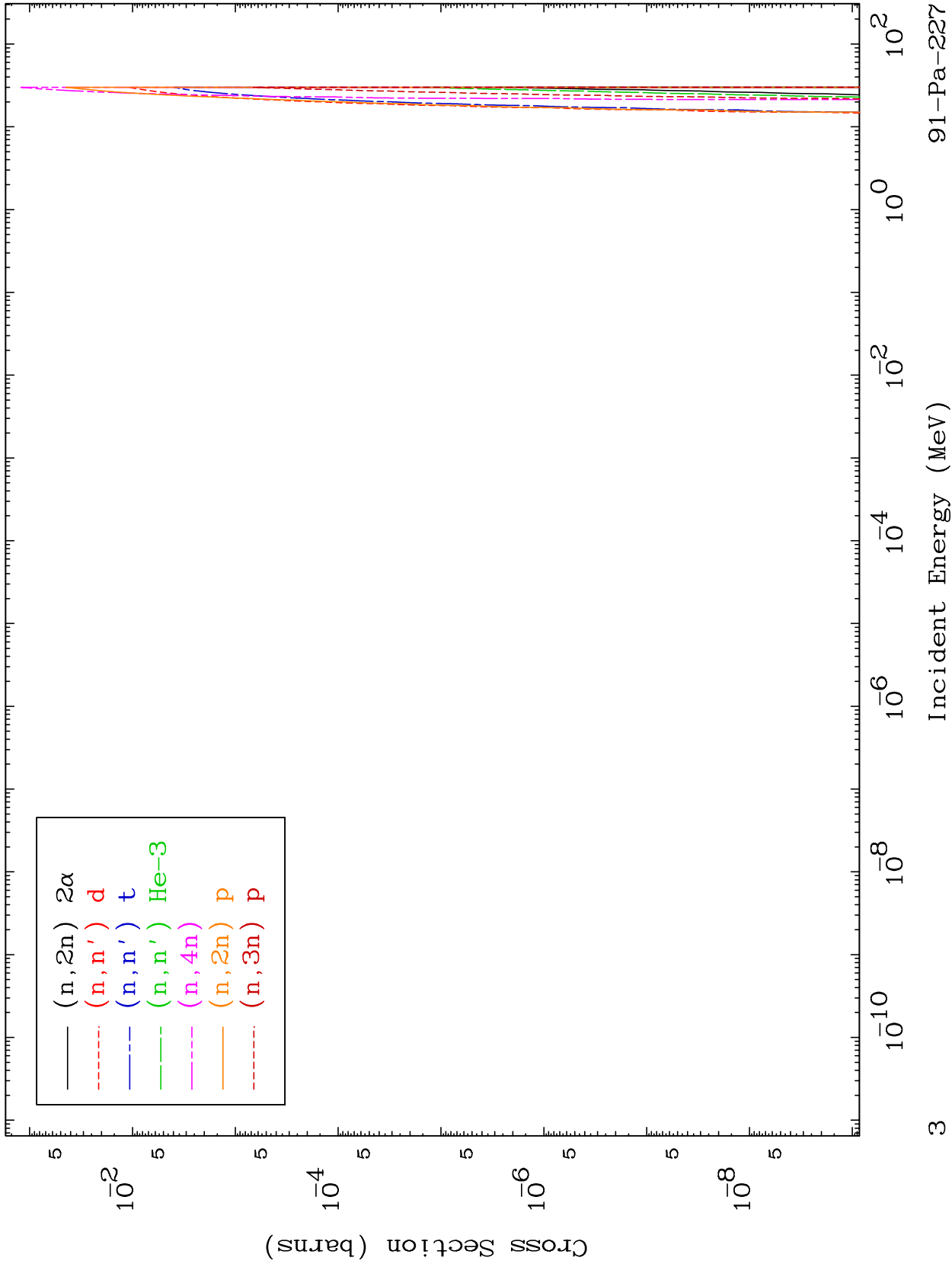
91-Pa-227



MAT 9119

Neutron Production  
293 Kelvin Cross Sections

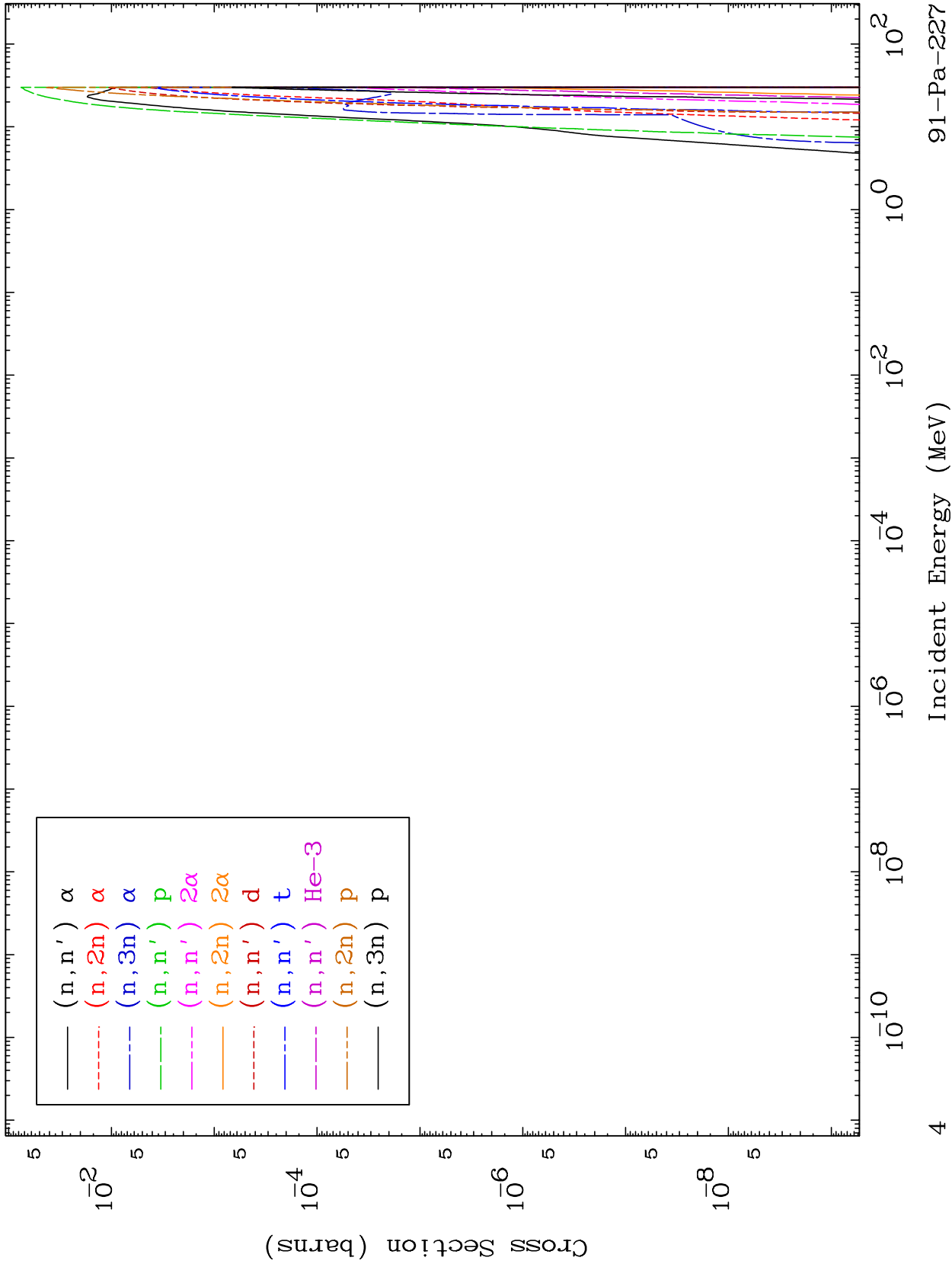
91-Pa-227



MAT 9119

Charged Particle  
293 Kelvin Cross Sections

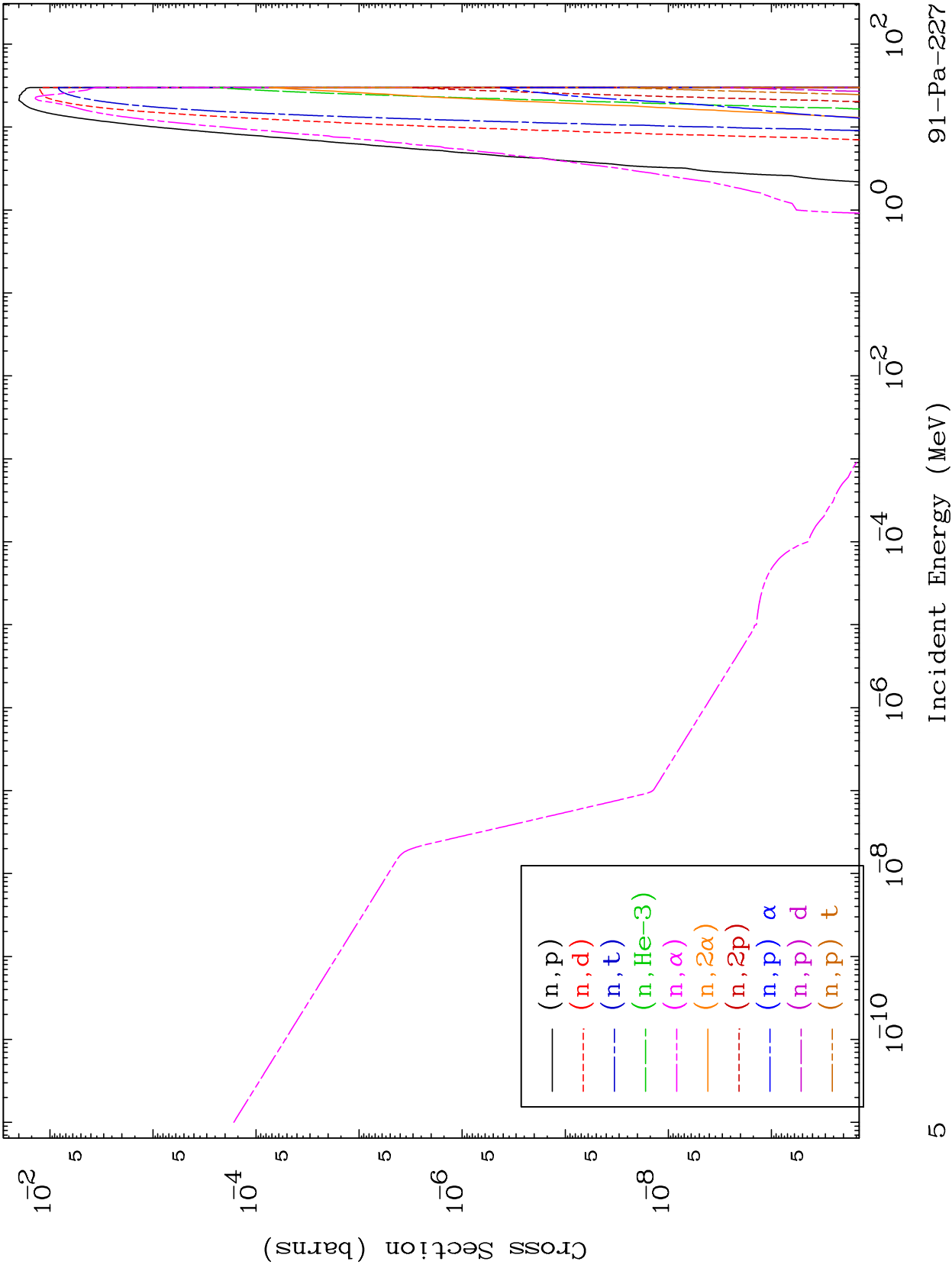
91-Pa-227



MAT 9119

Charged Particle  
293 Kelvin Cross Sections

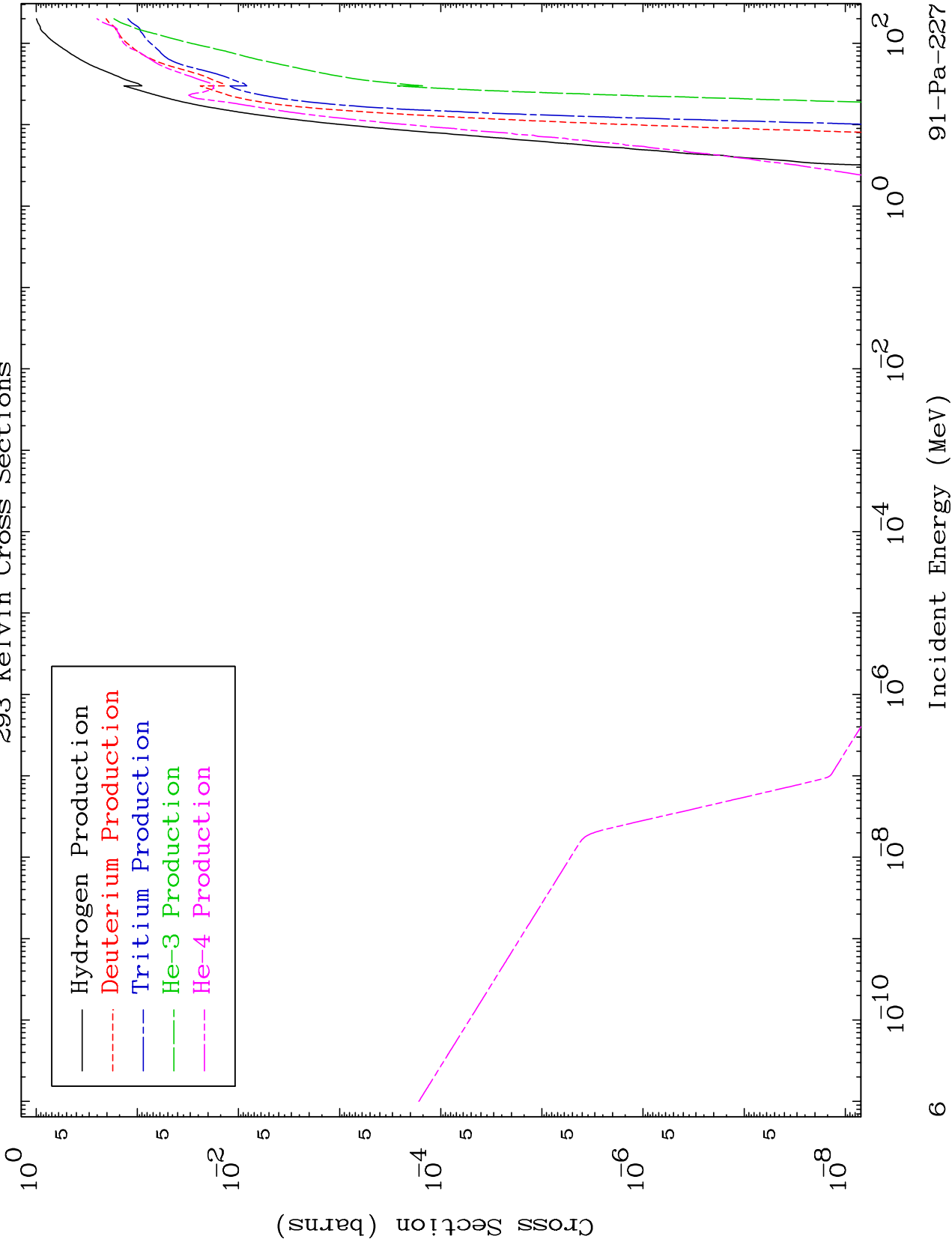
91-Pa-227



MAT 9119

Particle Production  
293 Kelvin Cross Sections

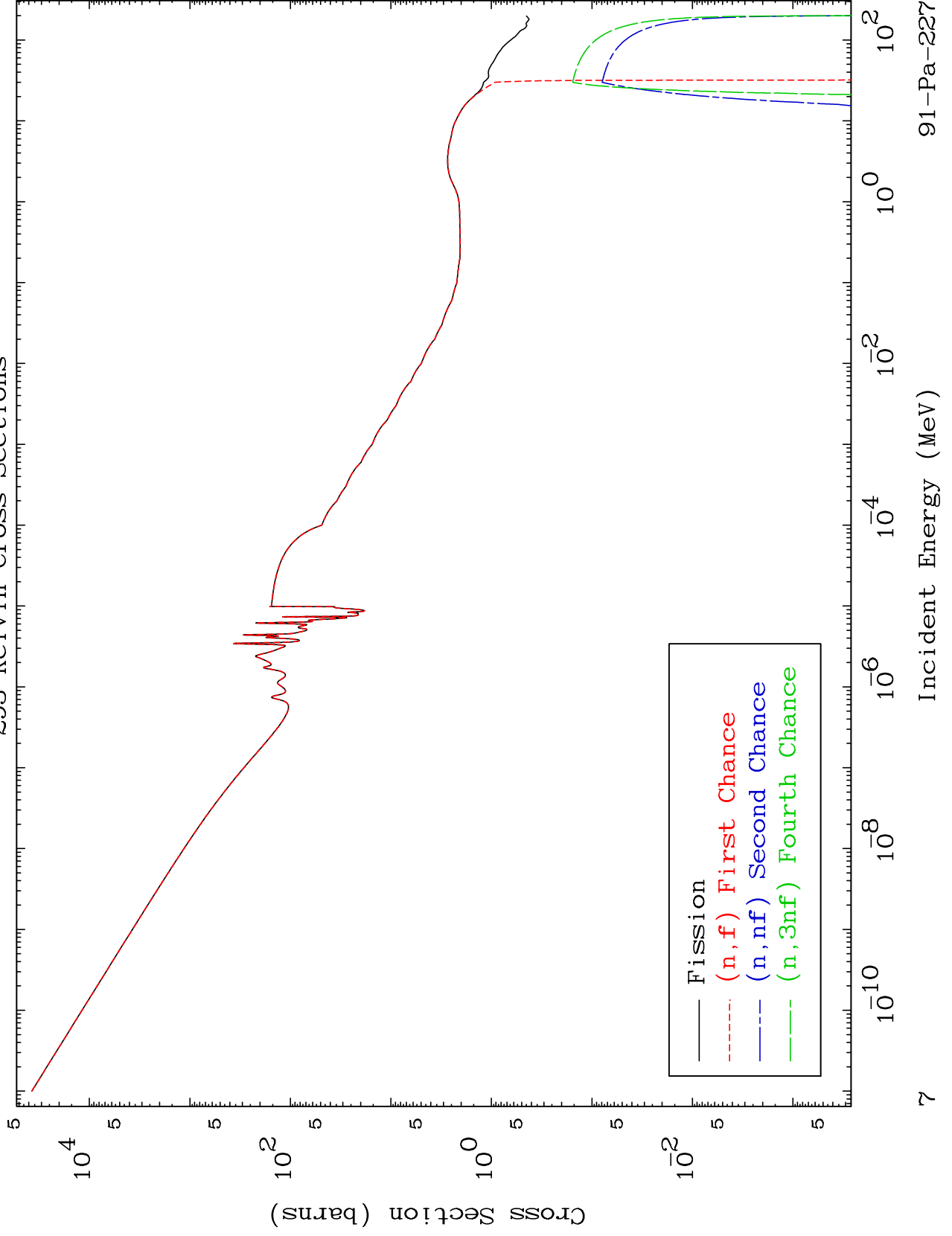
91-Pa-227



MAT 9119

Fission  
293 Kelvin Cross Sections

91-Pa-227

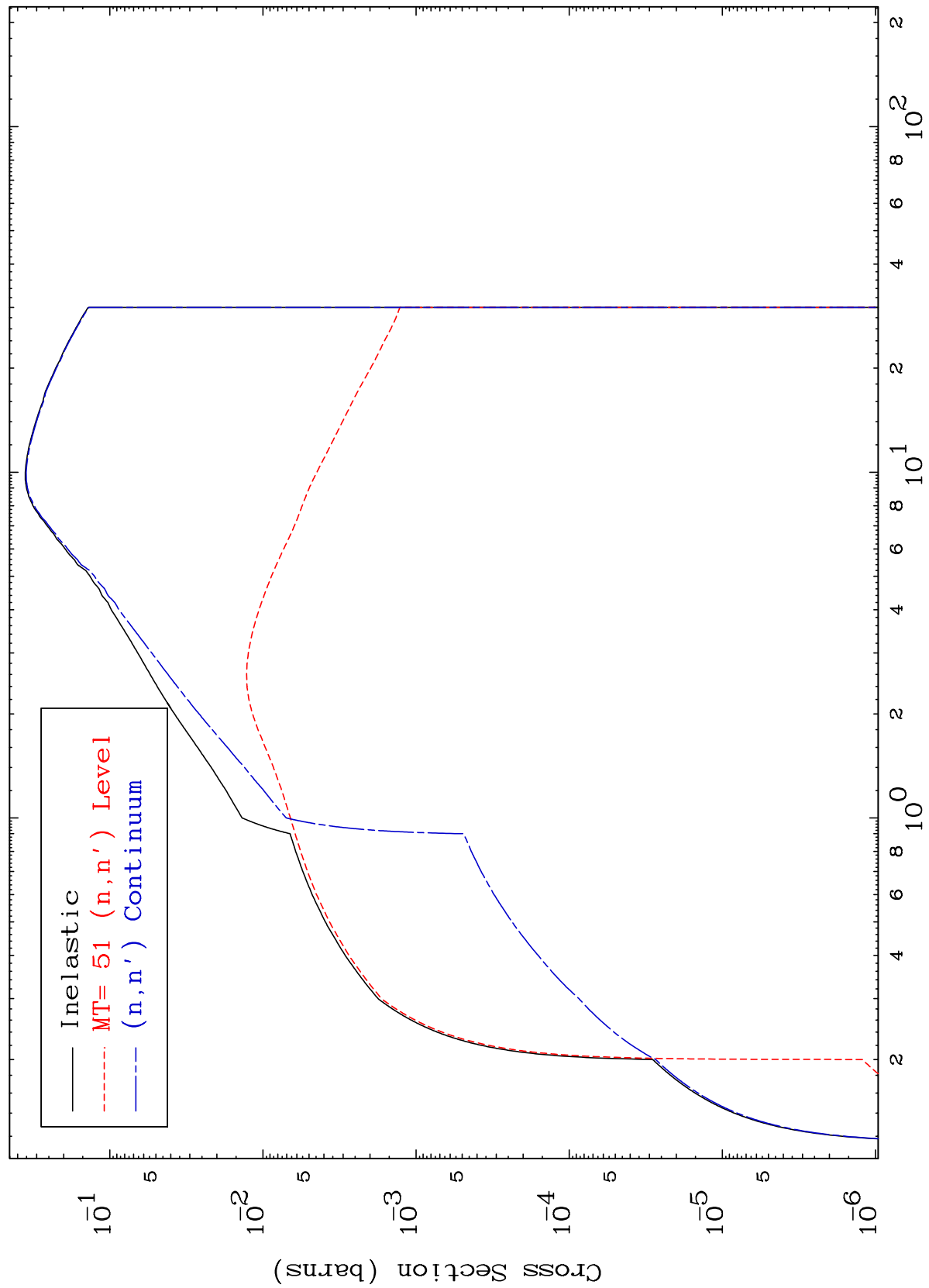




MAT 91119

91-Pa-227

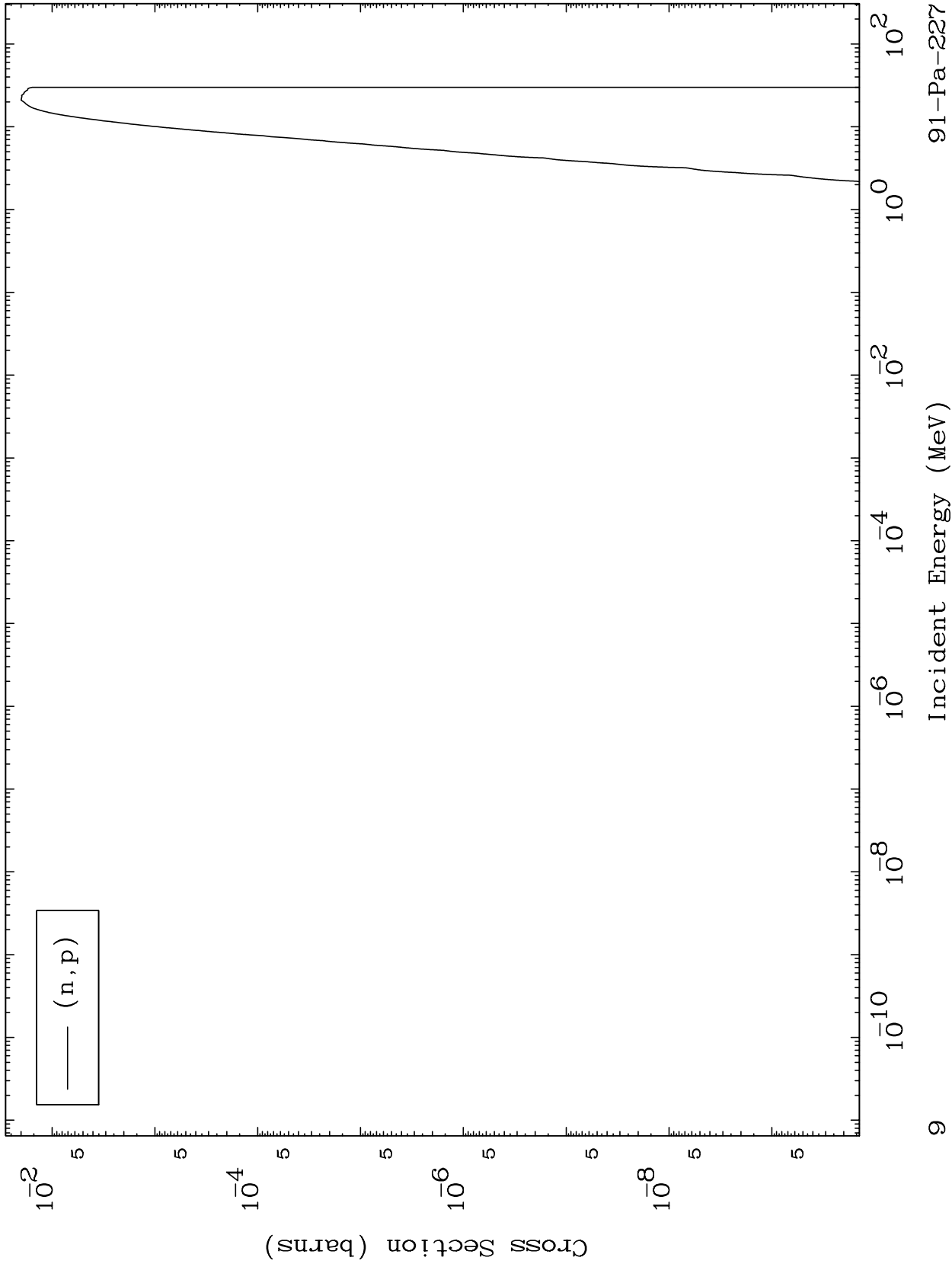
293 Kelvin Cross Sections  
(n,n') Level



MAT 91119

(n,p) Levels  
293 Kelvin Cross Sections

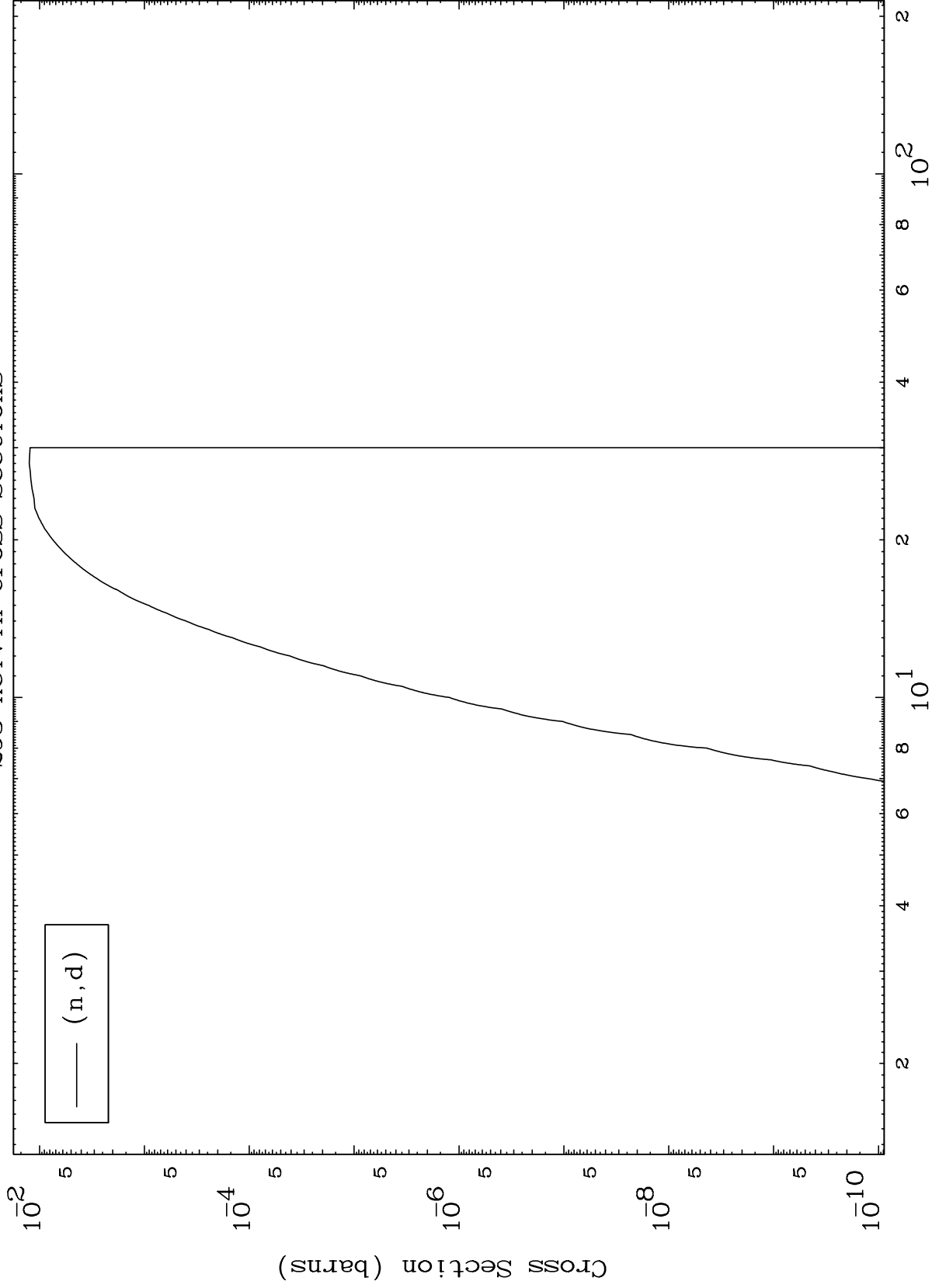
91-Pa-227



MAT 9119

(n,d) Levels  
293 Kelvin Cross Sections

91-Pa-227



10

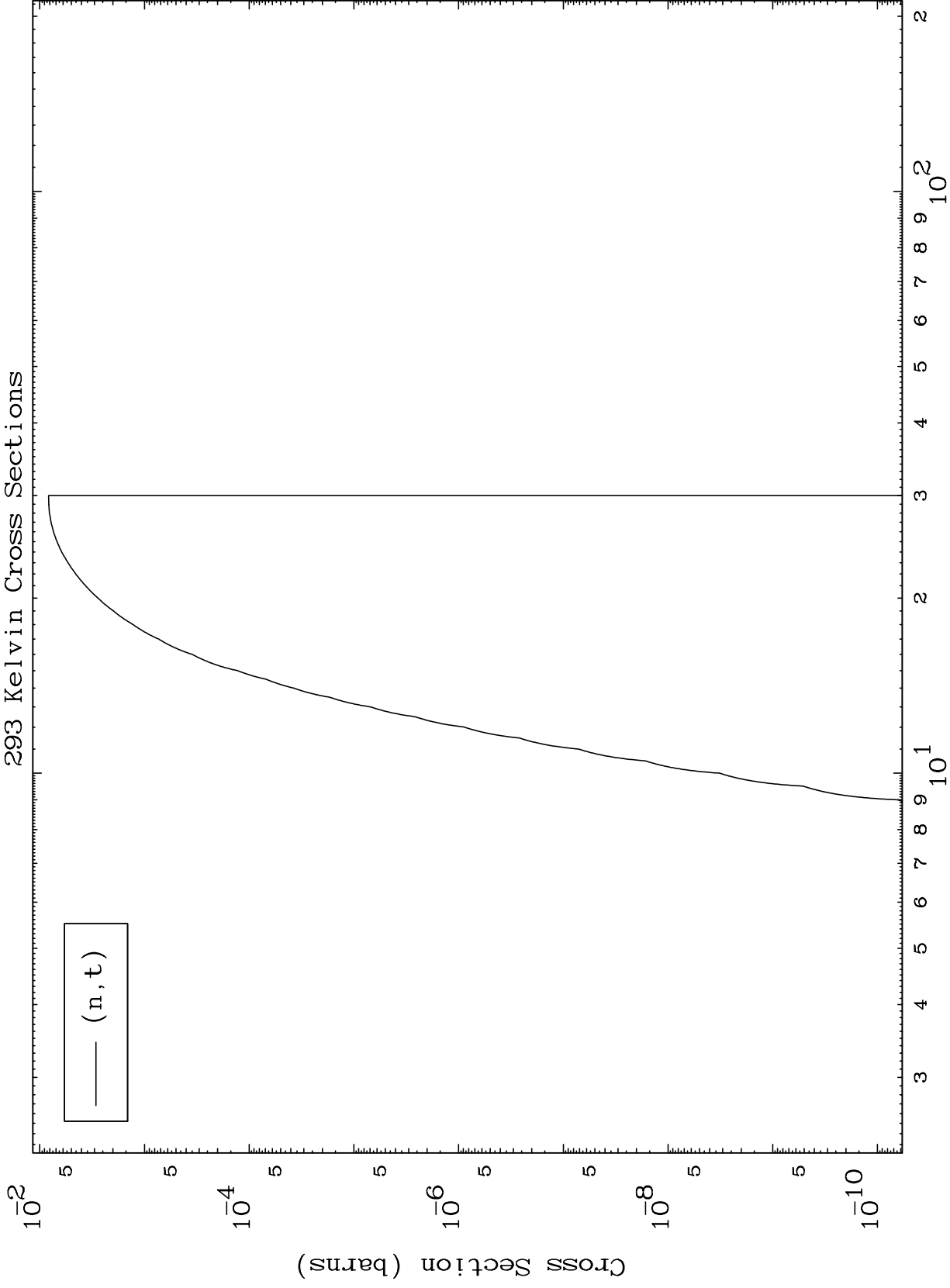
Incident Energy (MeV)

91-Pa-227

MAT 9119

(n,t) Levels  
293 Kelvin Cross Sections

91-Pa-227



11

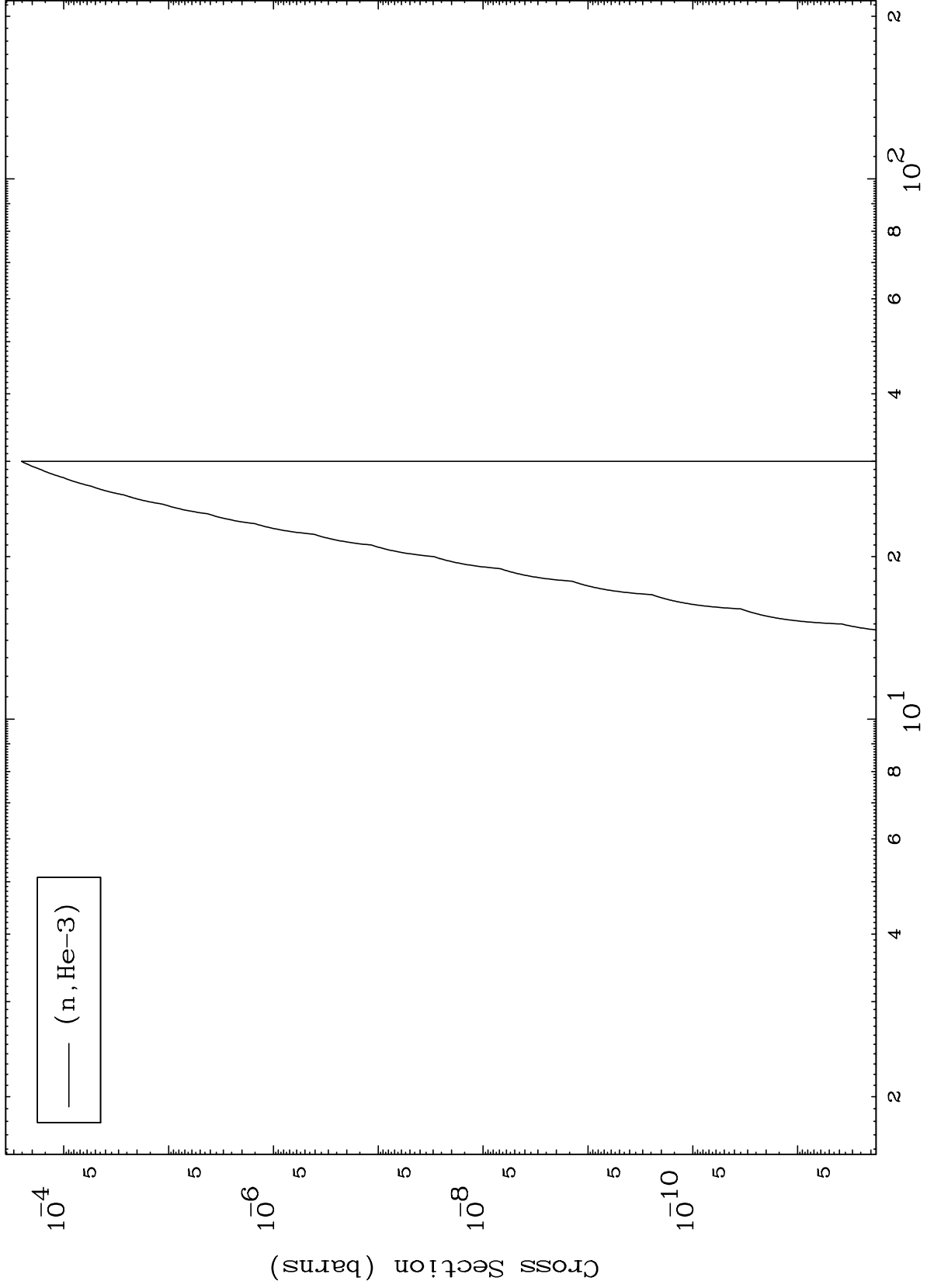
Incident Energy (MeV)

91-Pa-227

MAT 91119

(n,He3) Levels  
293 Kelvin Cross Sections

91-Pa-227



12

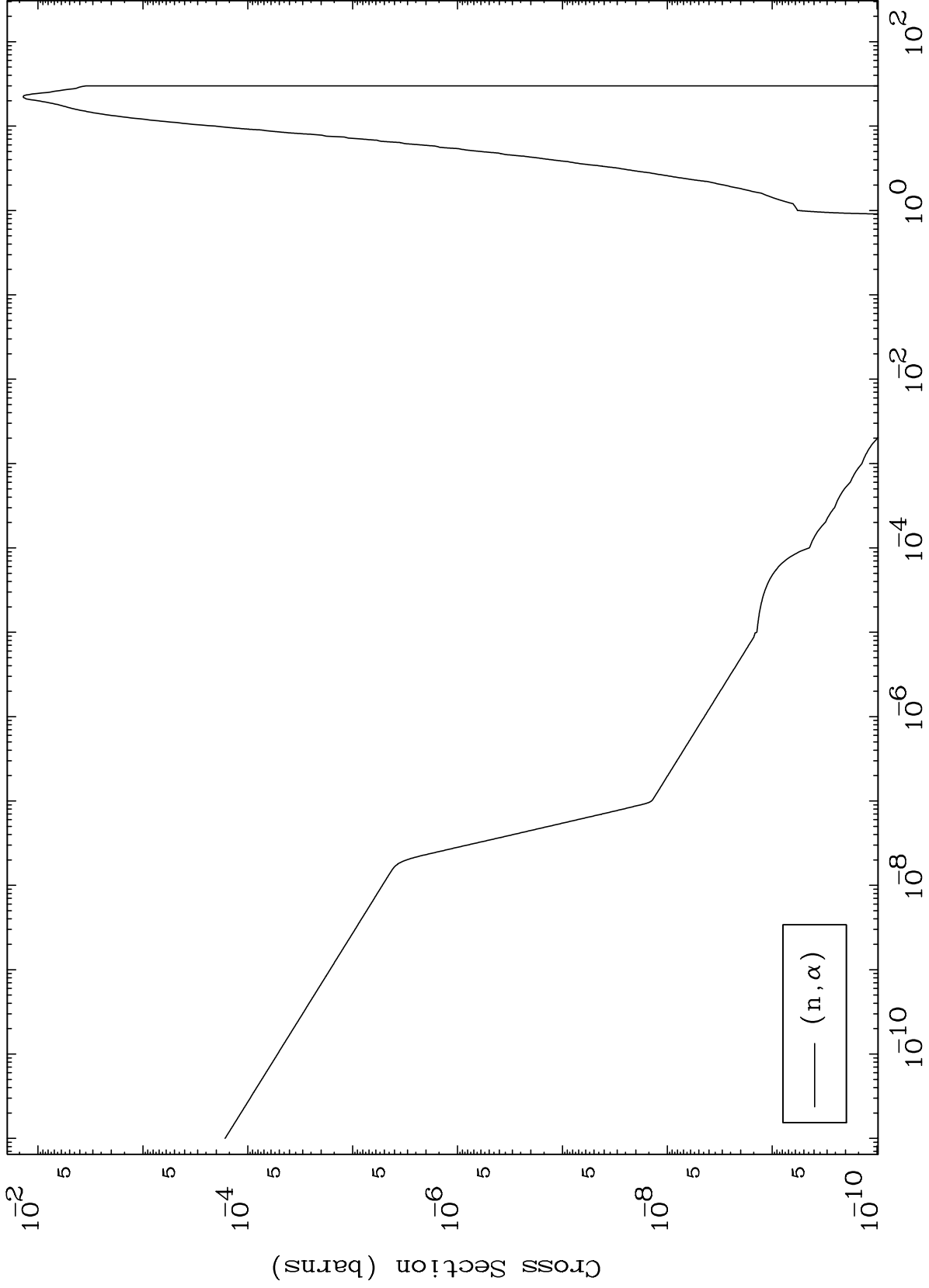
Incident Energy (MeV)

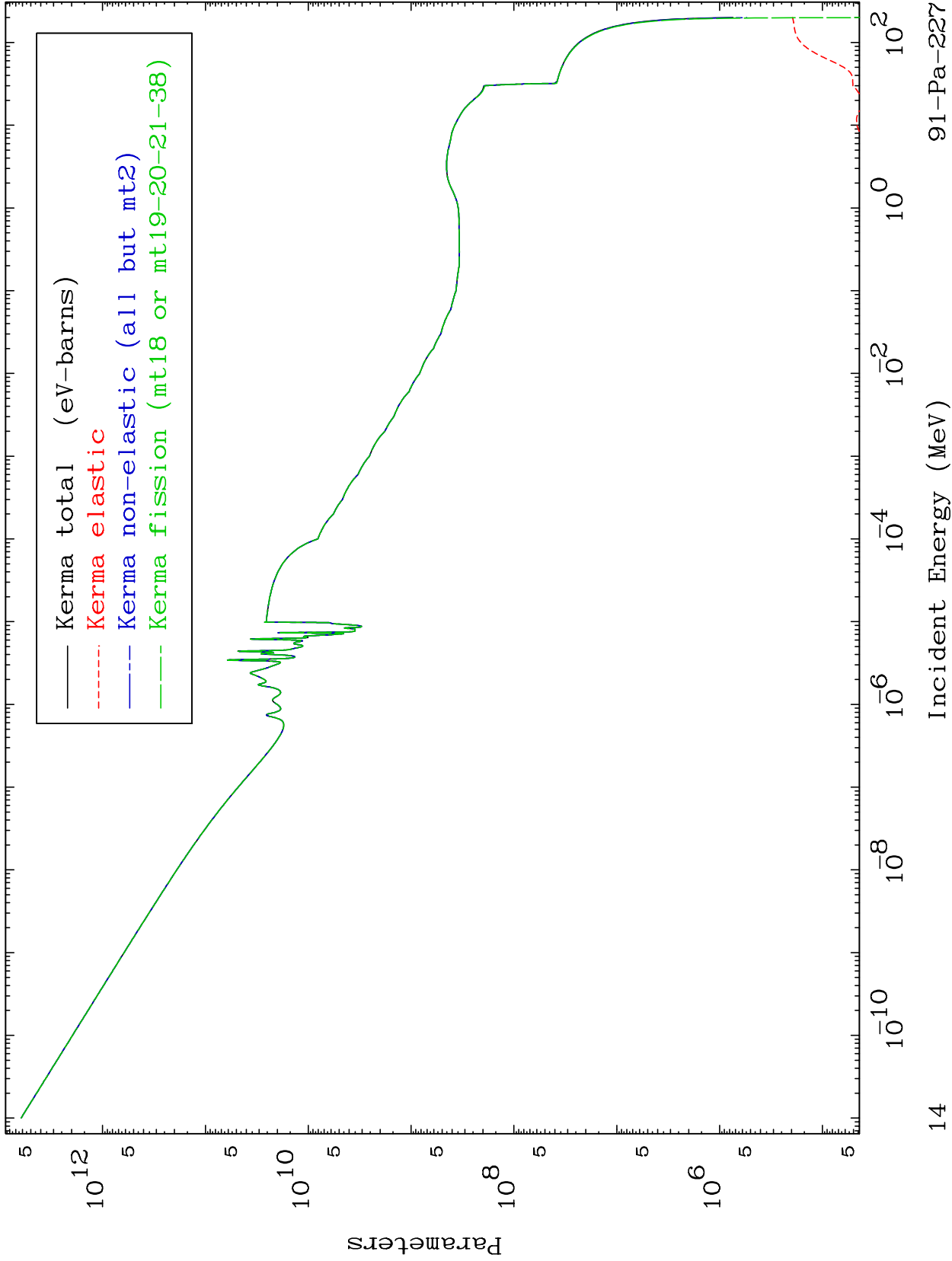
91-Pa-227

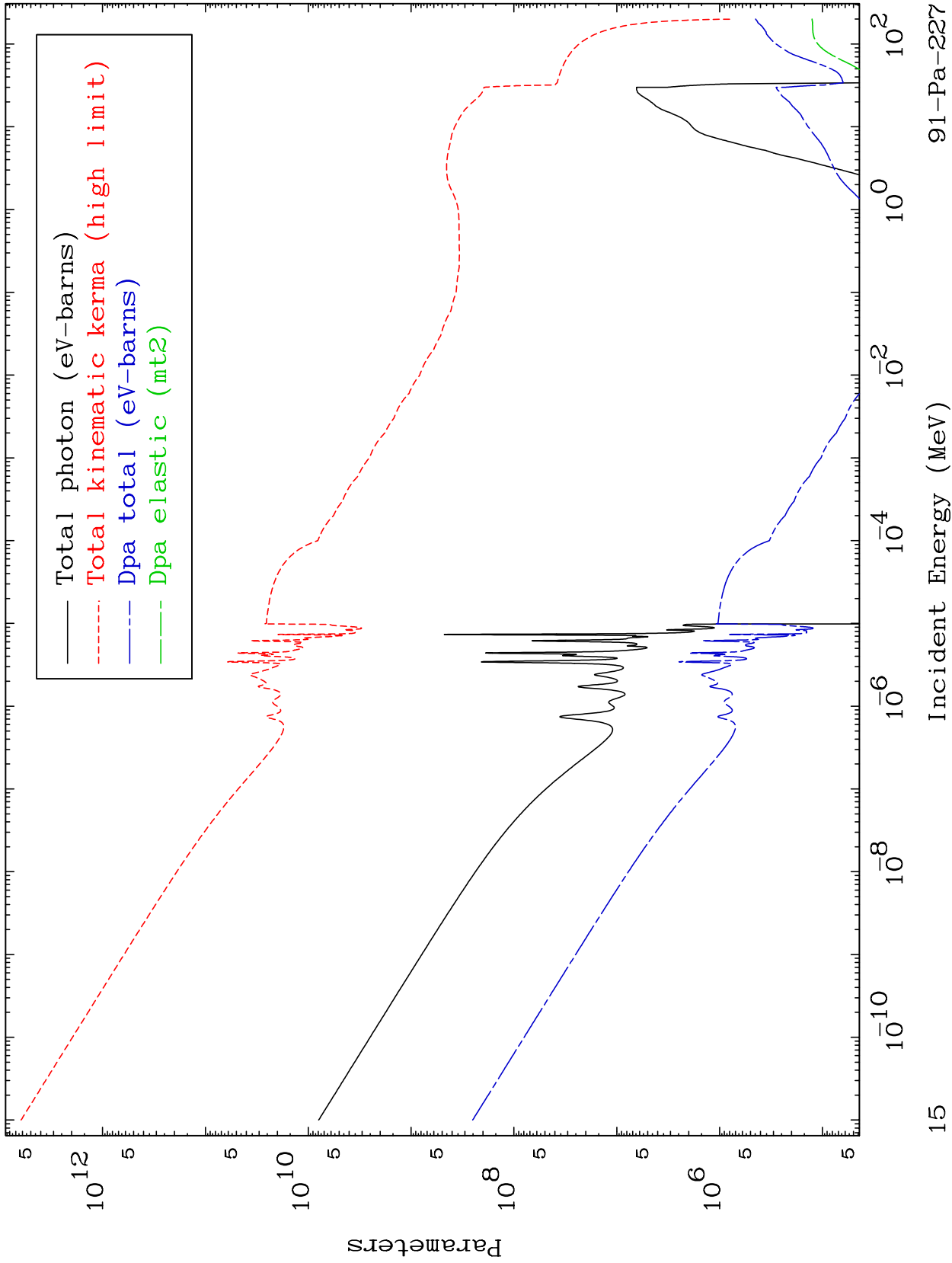
MAT 9119

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

91-Pa-227





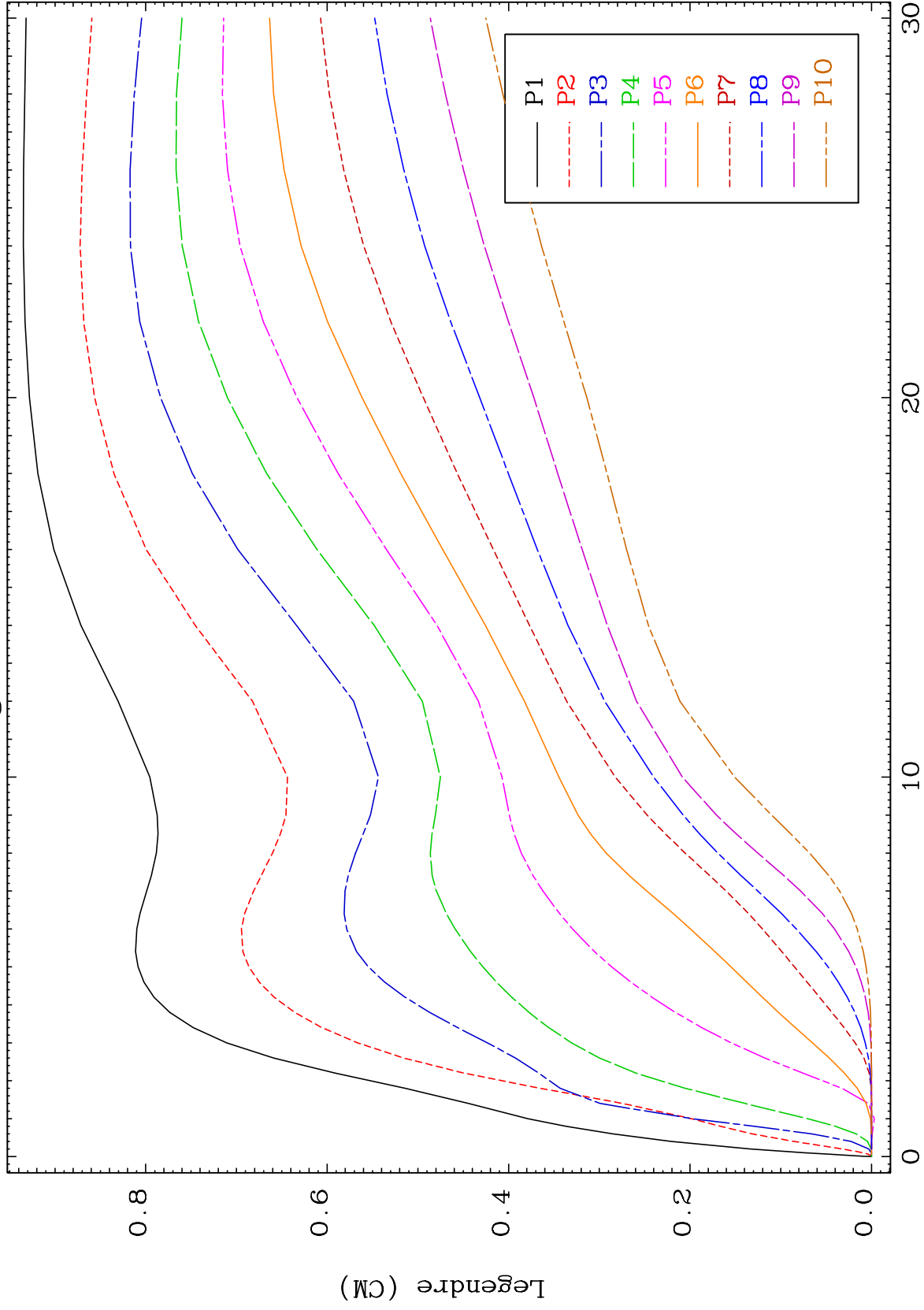




MAT 9119

91-Pa-227

Elastic Legendre Coefficients



16

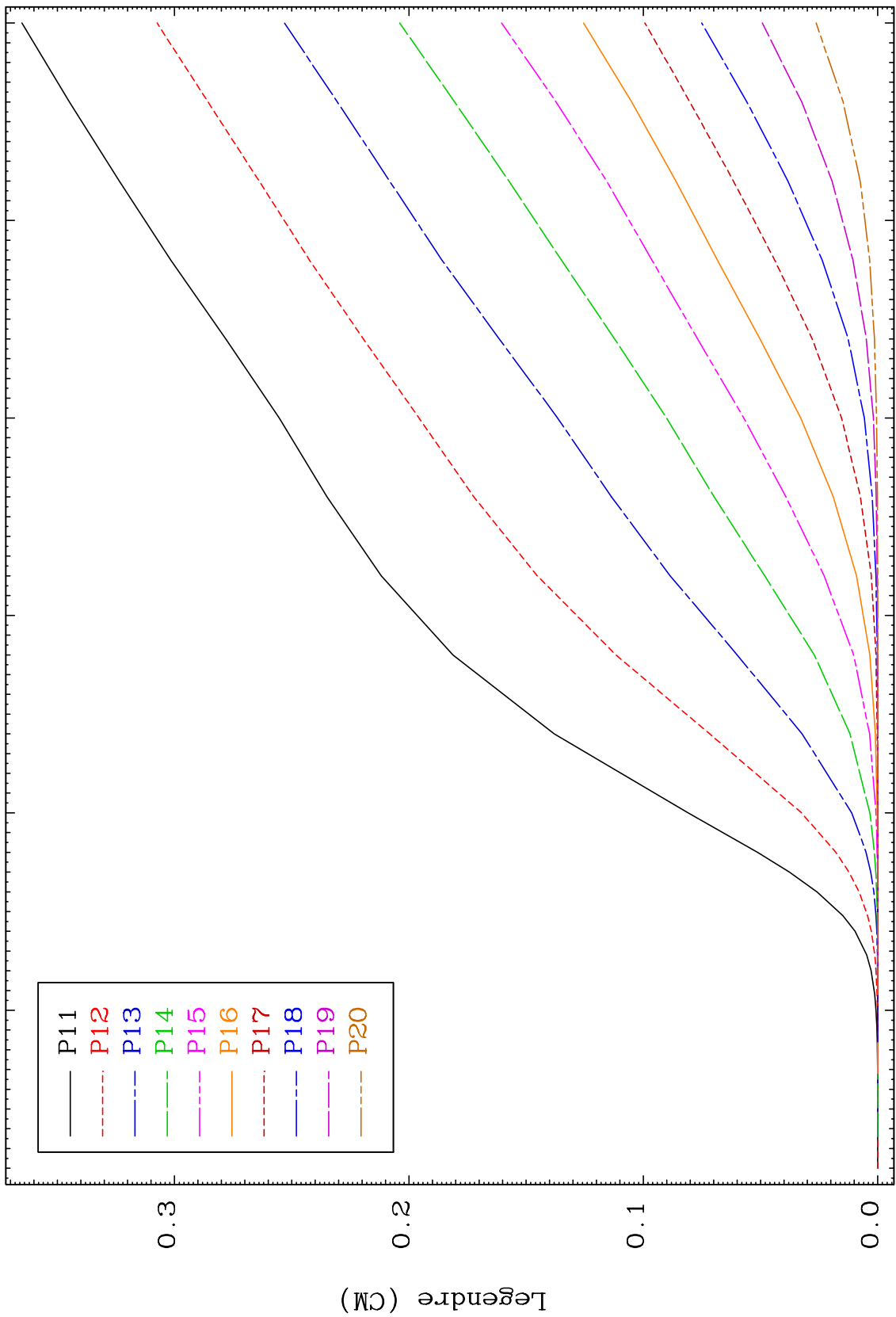
Incident Energy (MeV)

91-Pa-227

MAT 9119

Elastic Legendre Coefficients

91-Pa-227



17

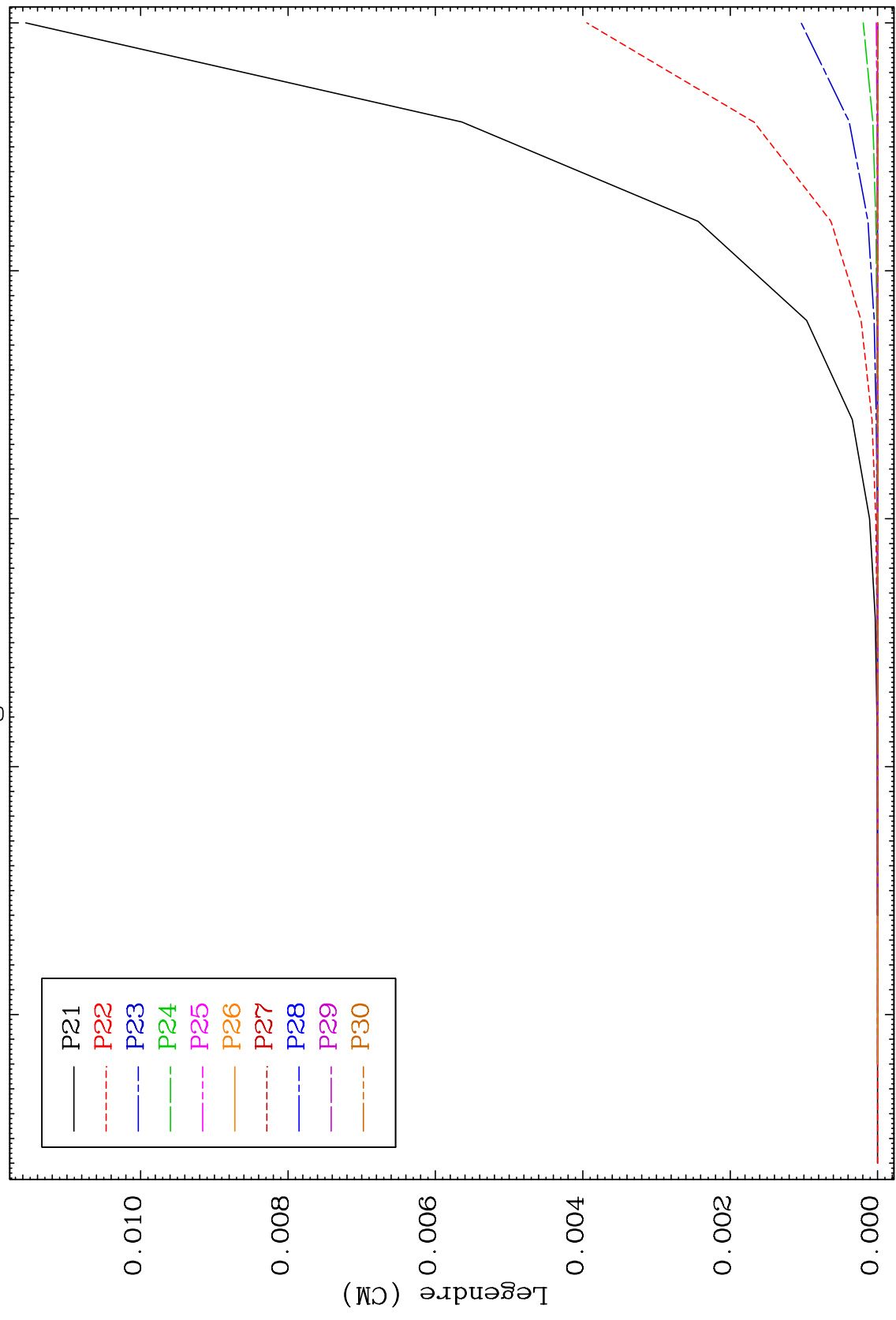
Incident Energy (MeV)

91-Pa-227

MAT 9119

### Elastic Legendre Coefficients

91-Pa-227



18

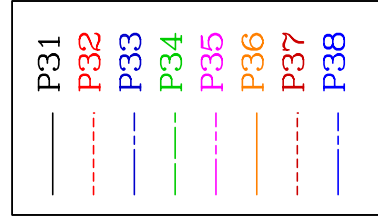
Incident Energy (MeV)

91-Pa-227

MAT 9119

Elastic Legendre Coefficients

91-Pa-227



$\times 10^{-7}$   
1.2  
0.8

Legendre (CM)

0.4

0.0

16

18

20

22

24

26

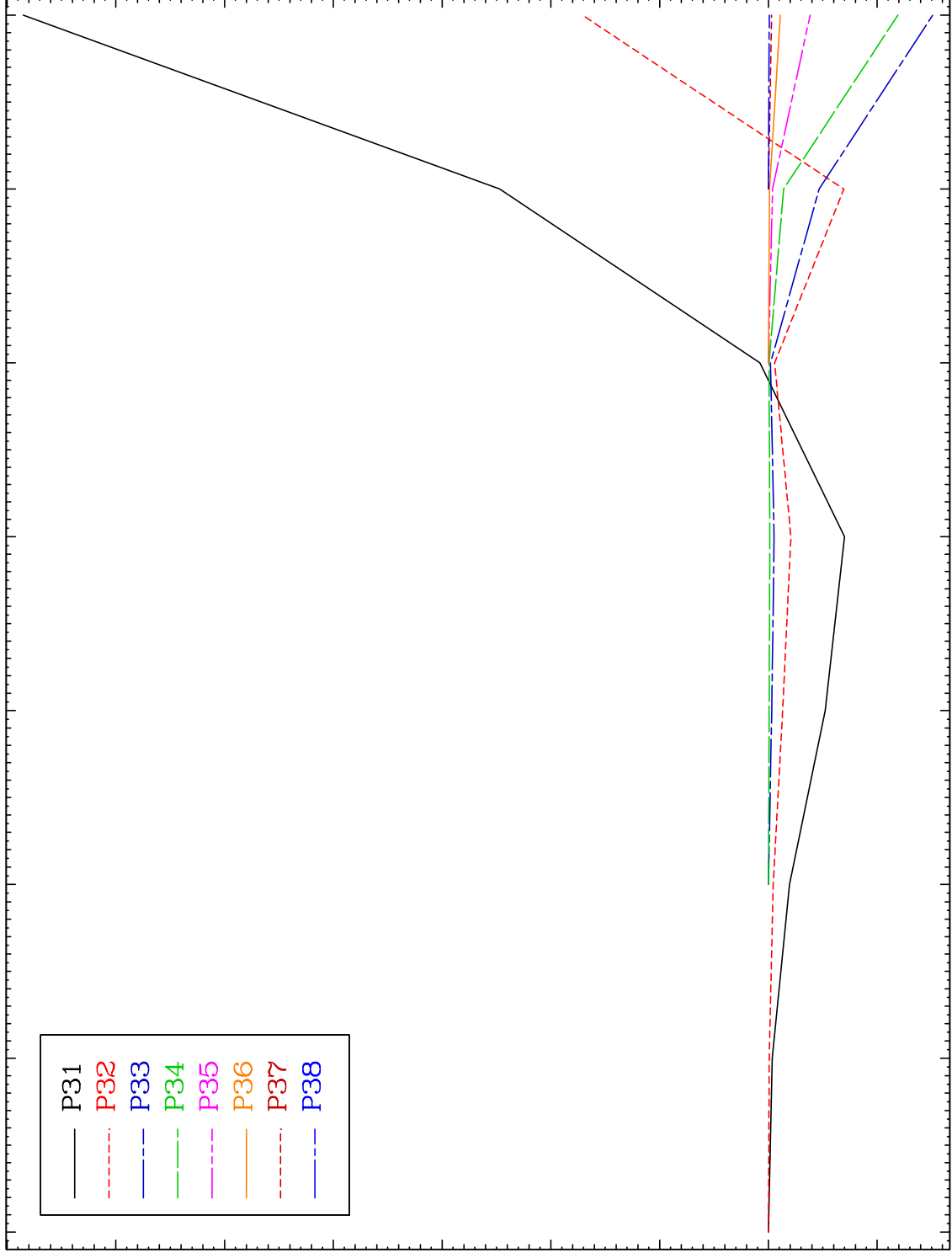
28

30

19

Incident Energy (MeV)

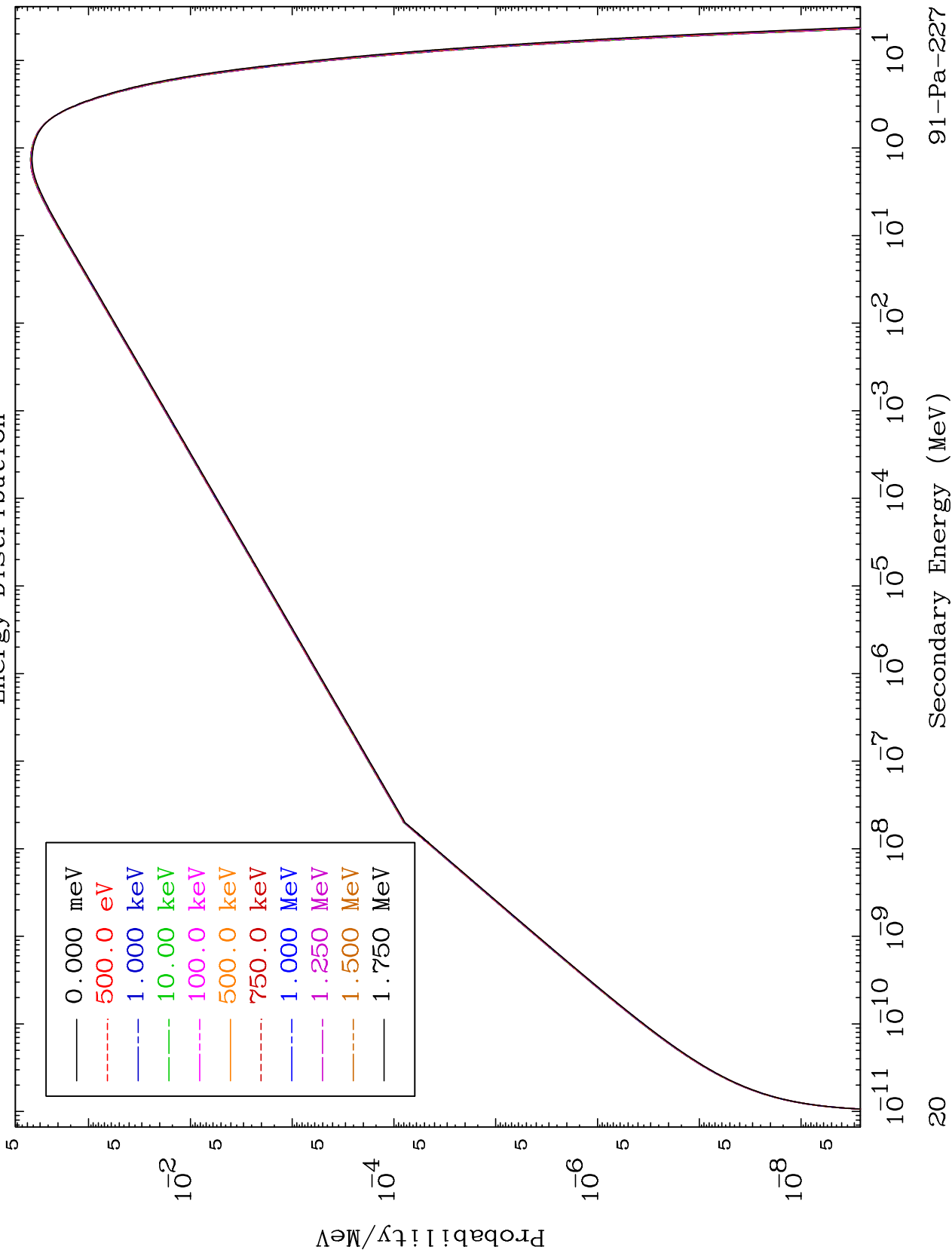
91-Pa-227



MAT 9119

### Fission Energy Distribution

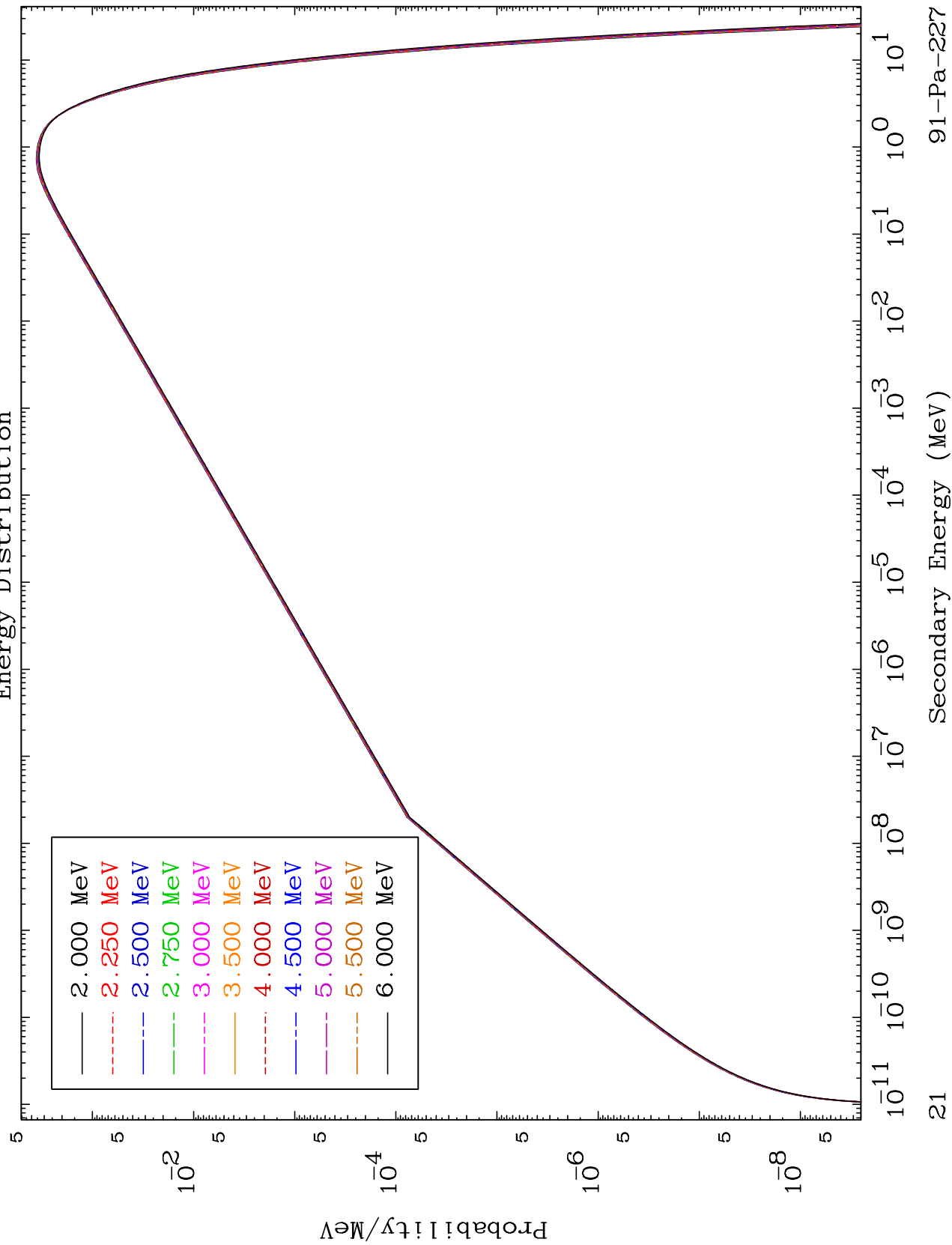
91-Pa-227



MAT 9119

### Fission Energy Distribution

91-Pa-227

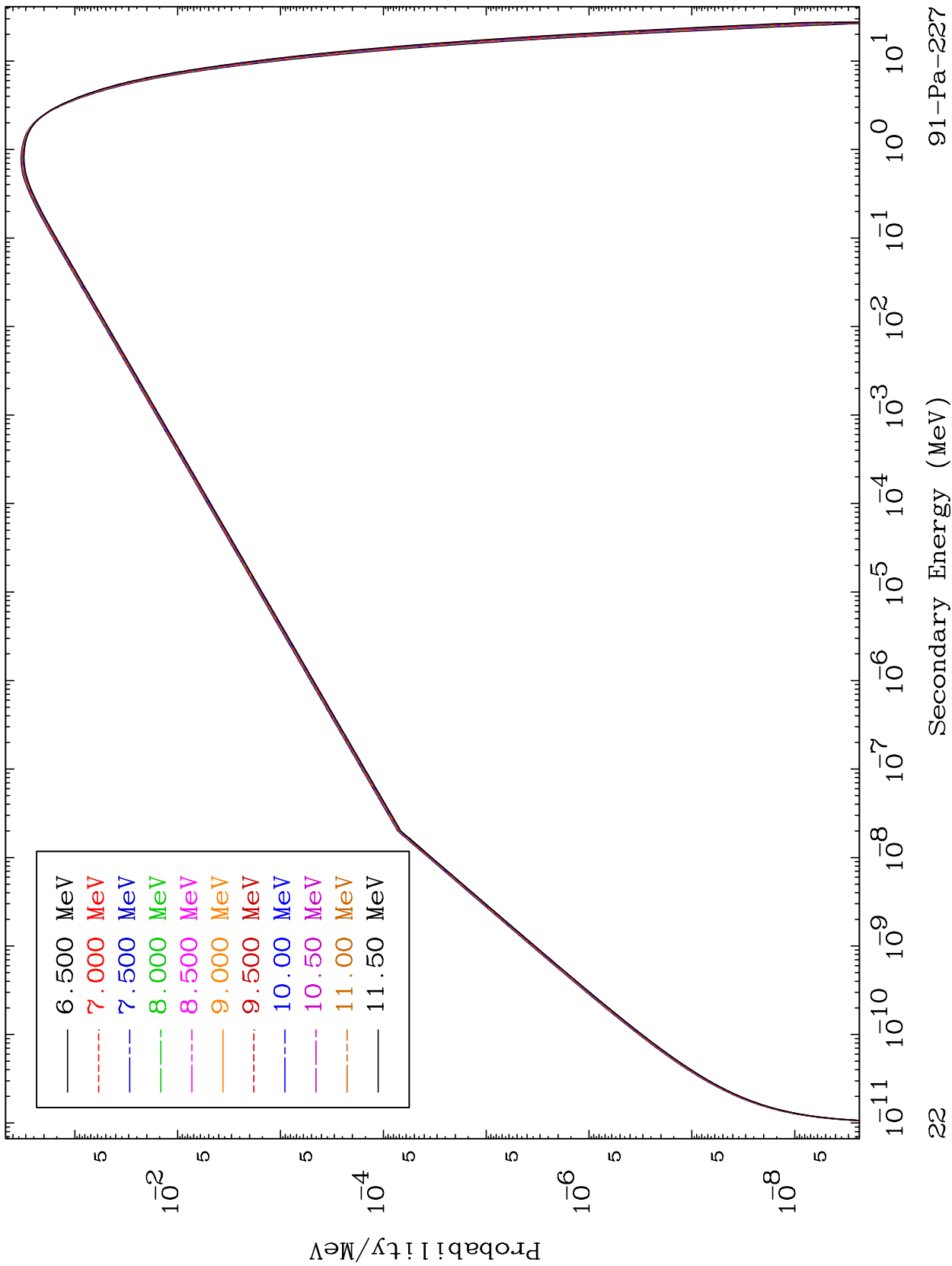


91-Pa-227

MAT 9119

### Fission Energy Distribution

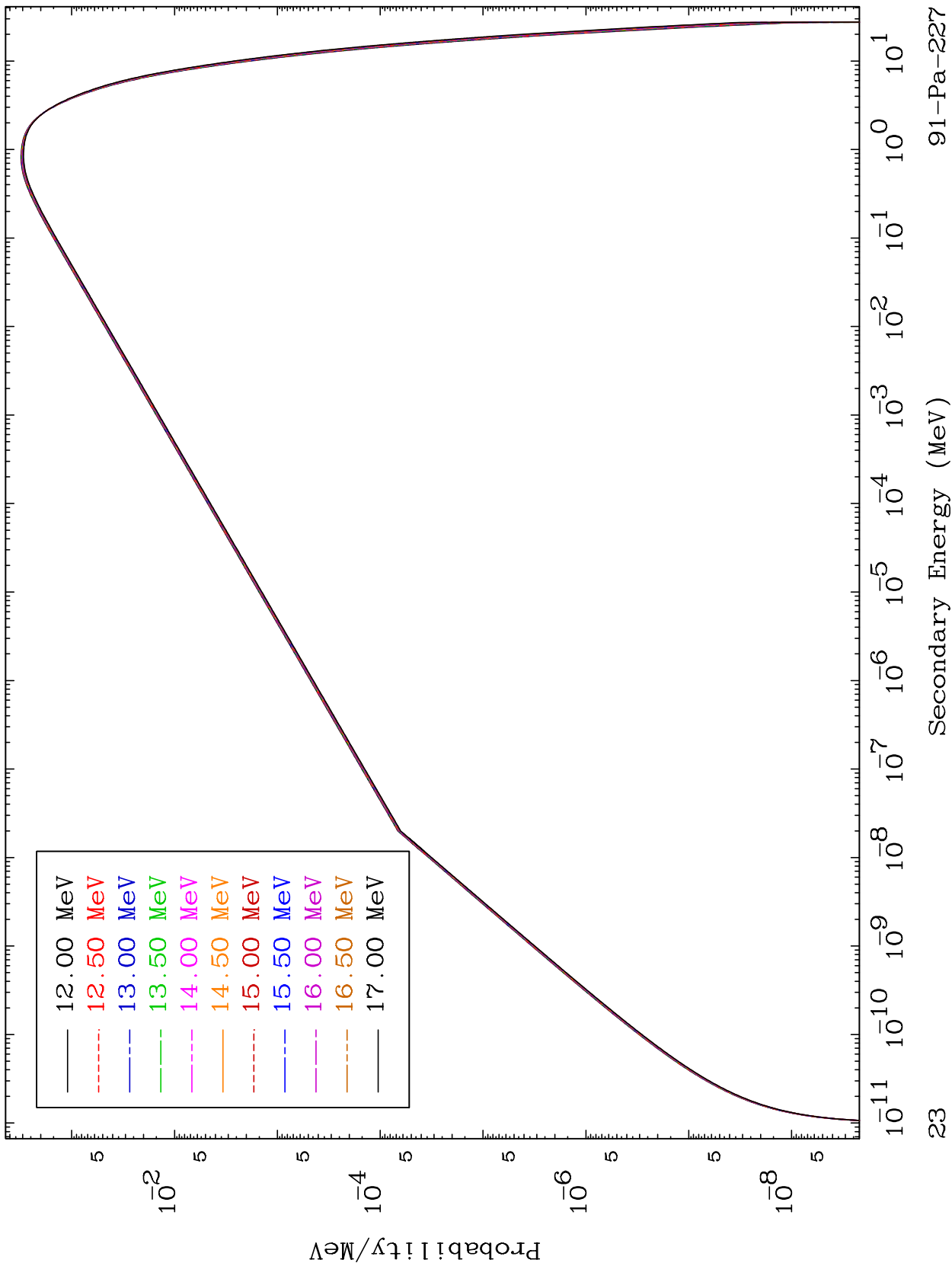
91-Pa-227



MAT 9119

### Fission Energy Distribution

91-Pa-227



91-Pa-227

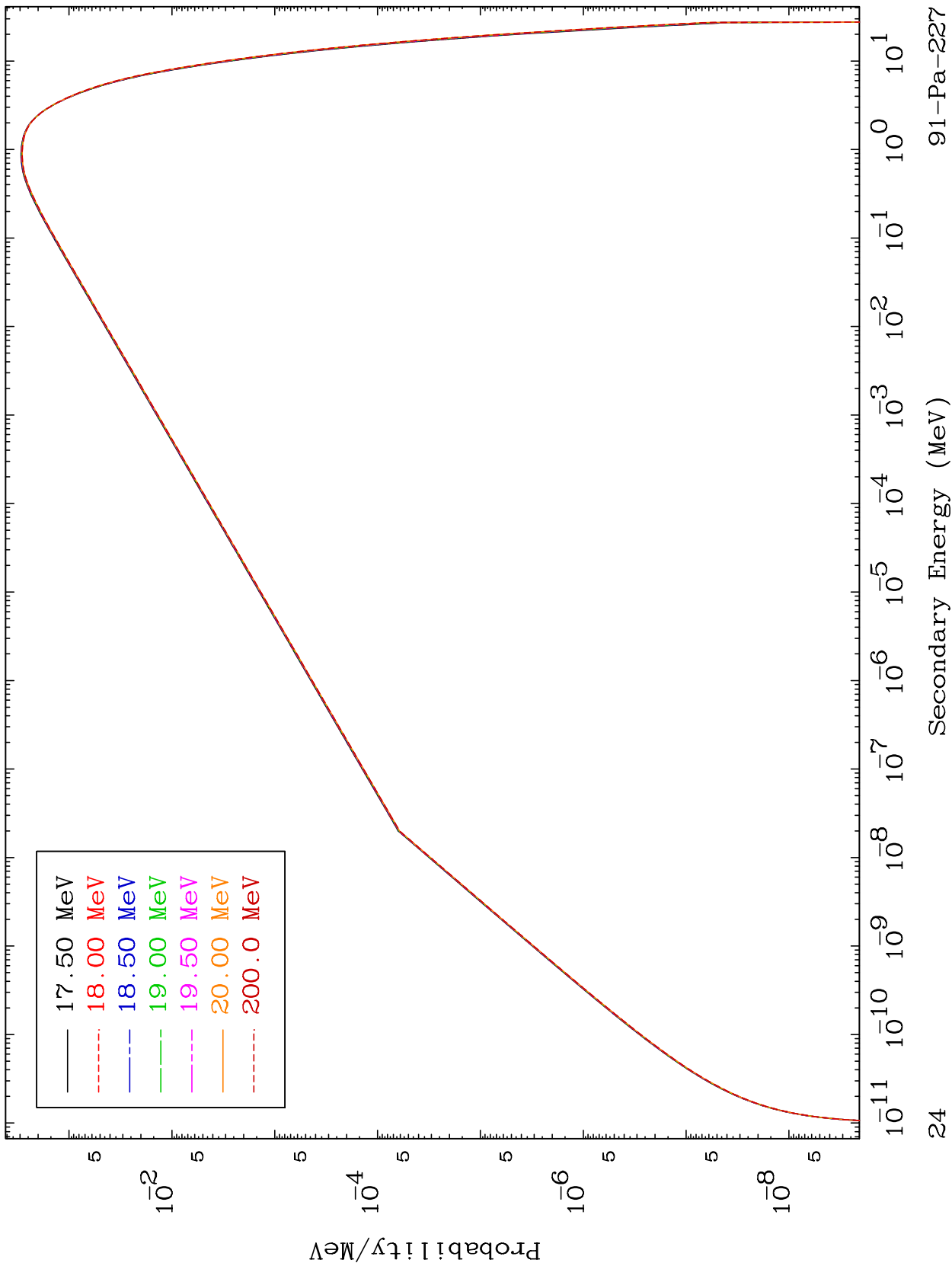
Secondary Energy (MeV)



MAT 9119

Fission  
Energy Distribution

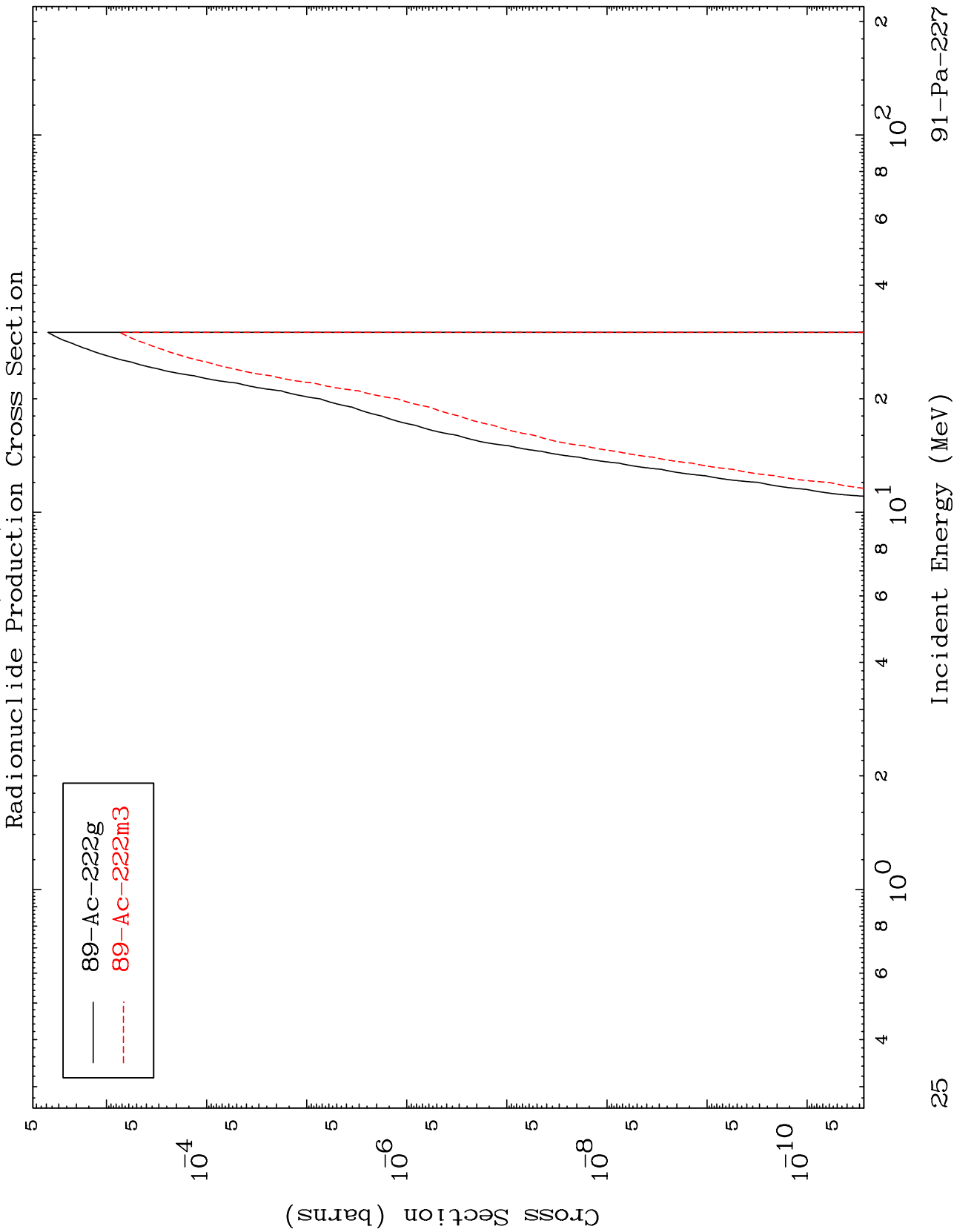
91-Pa-227



MAT 9119

(n,2n)  $\alpha$

91-Pa-227



25

91-Pa-227