

Program EVALPLOT
(Version 2015-2)

by

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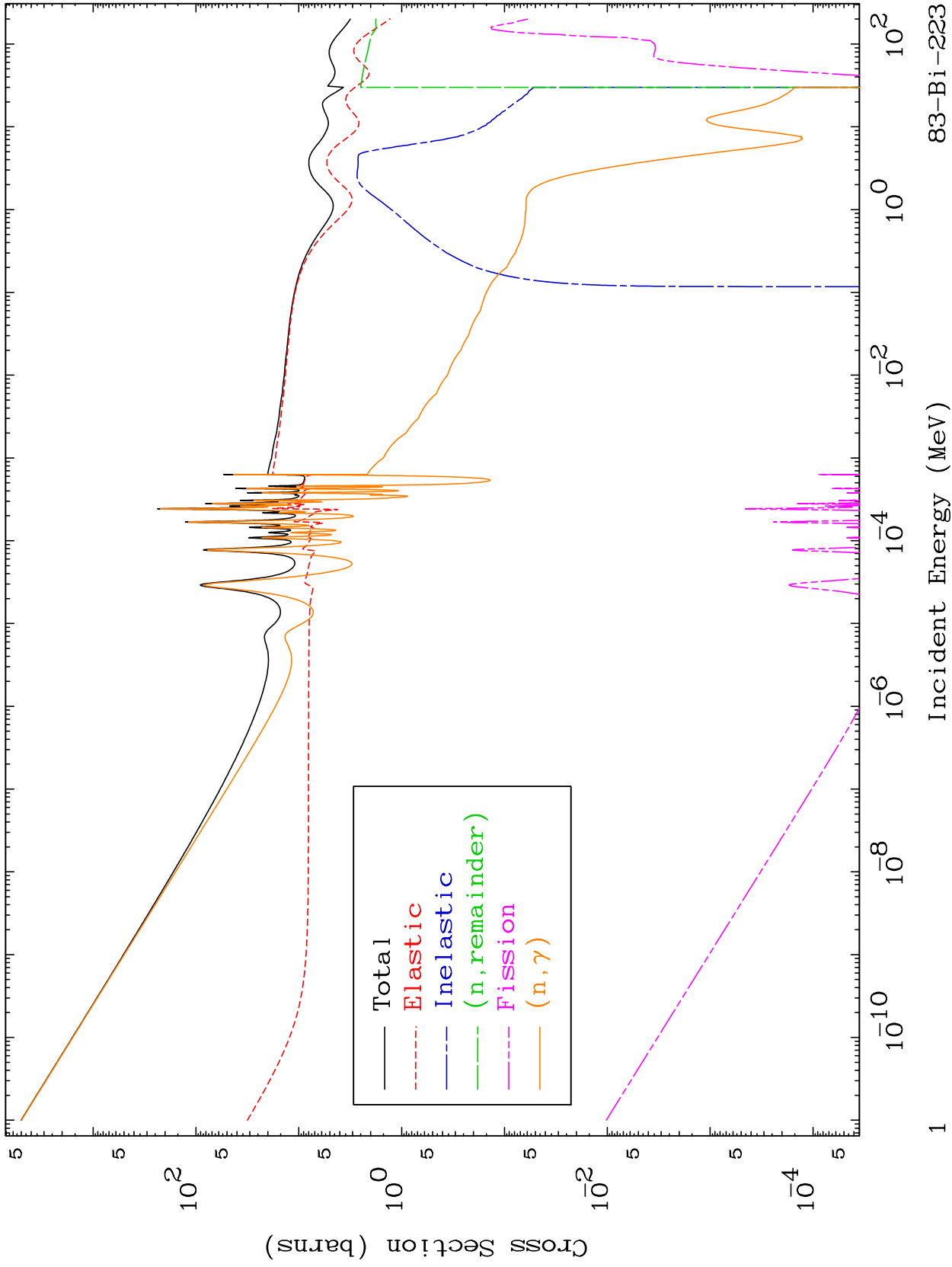
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8367

Major
293 Kelvin Cross Sections

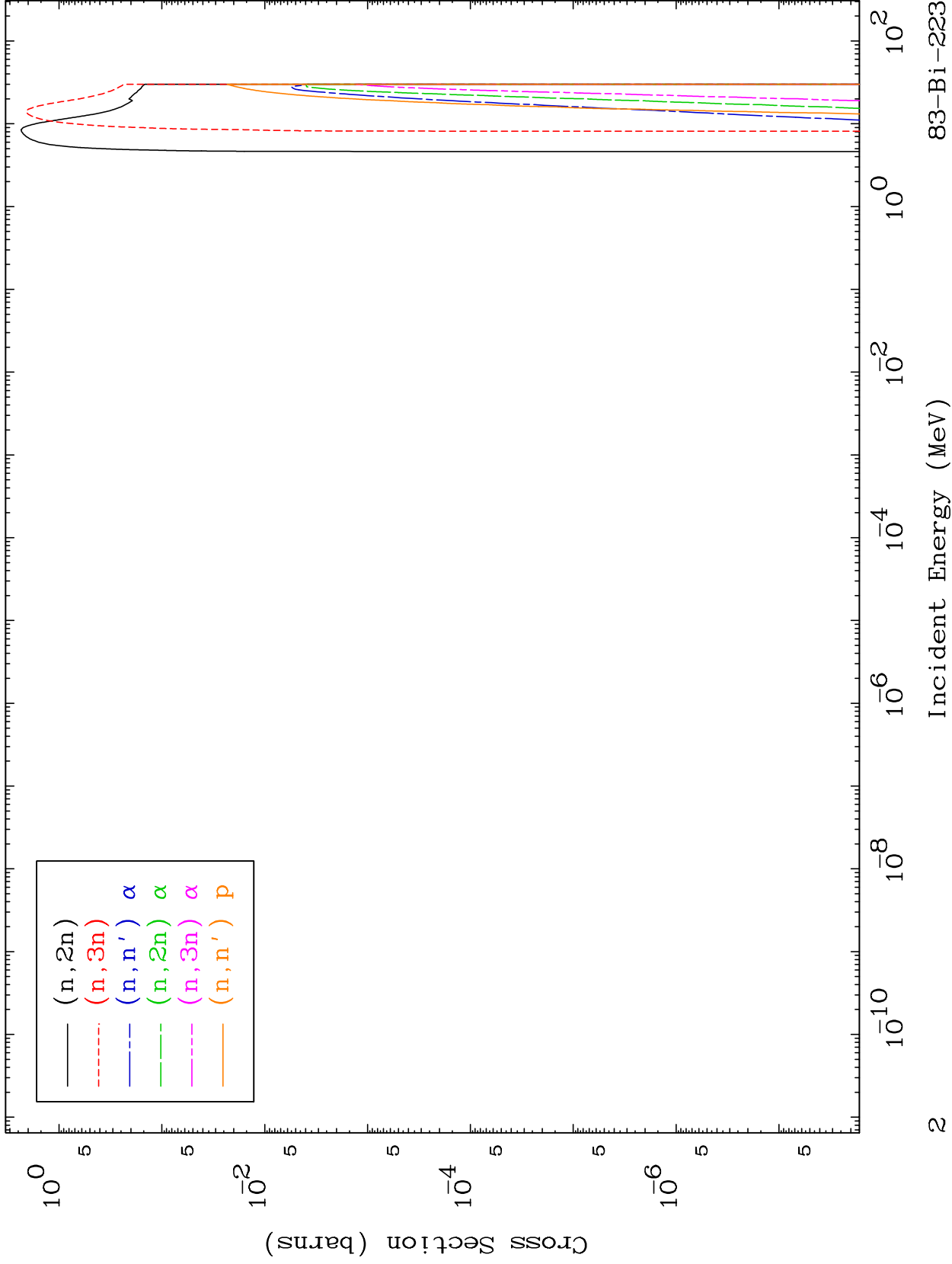
83-Bi-223

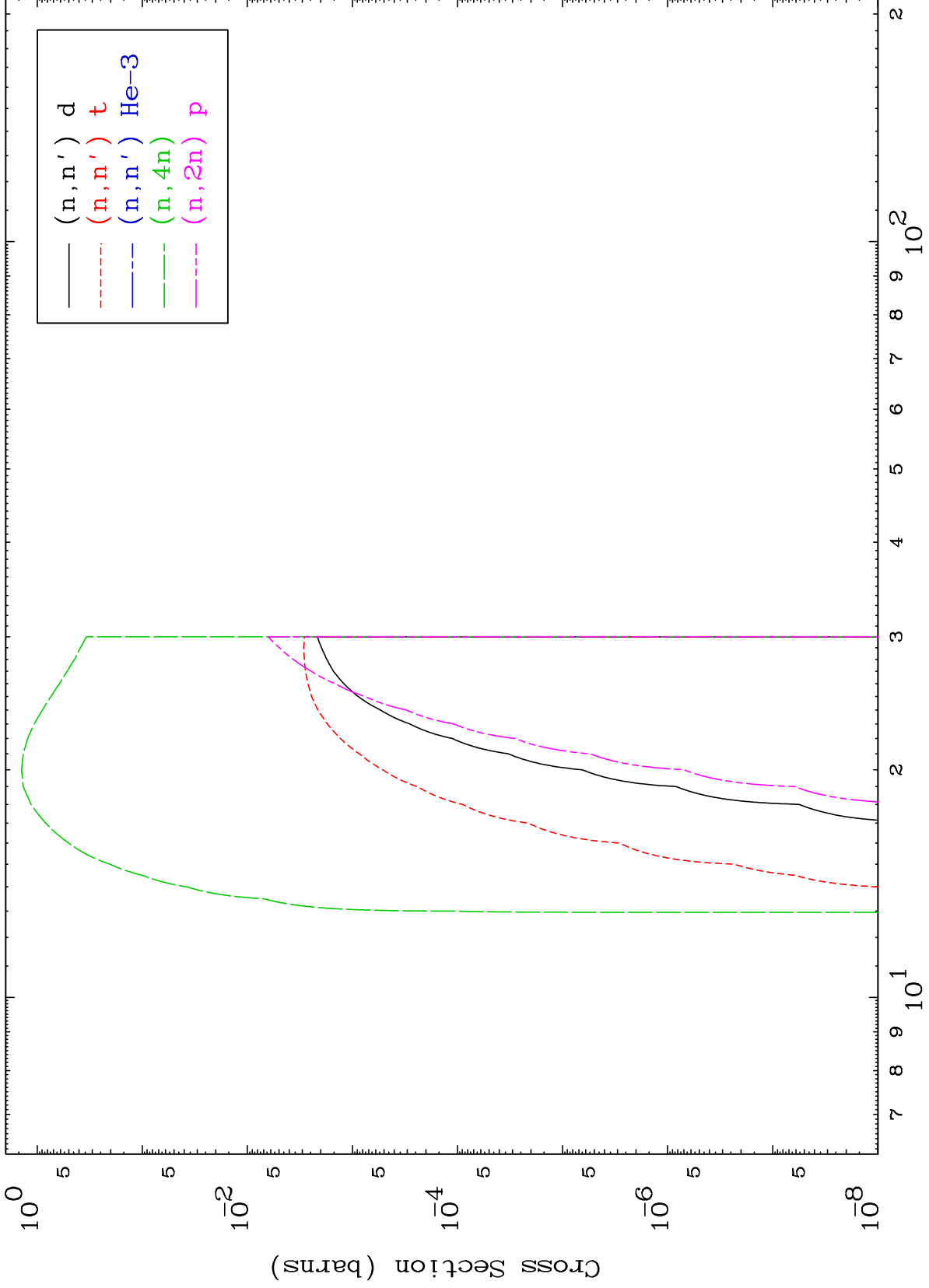


MAT 8367

Neutron Production
293 Kelvin Cross Sections

83-Bi-223

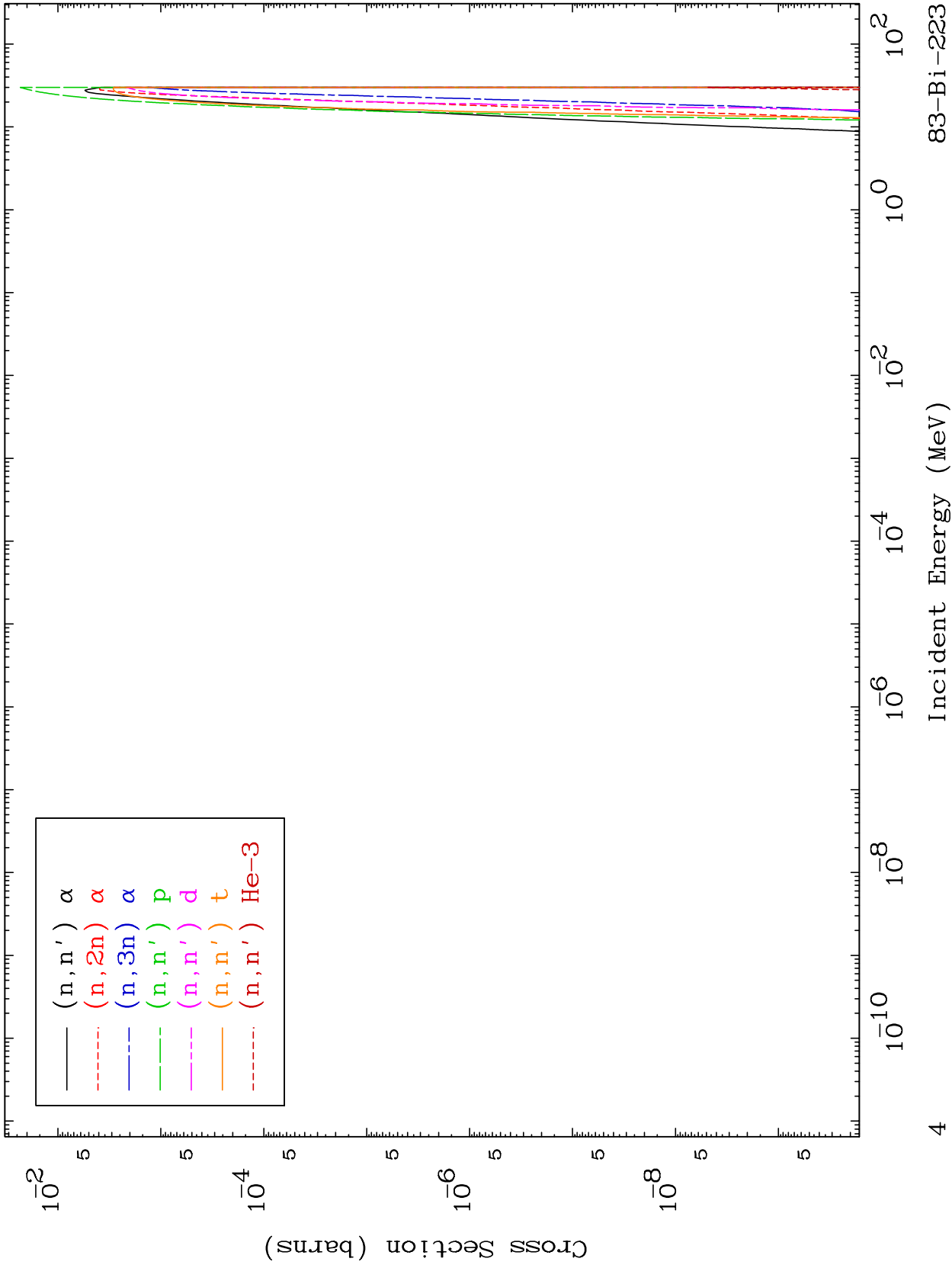




MAT 8367

Charged Particle
293 Kelvin Cross Sections

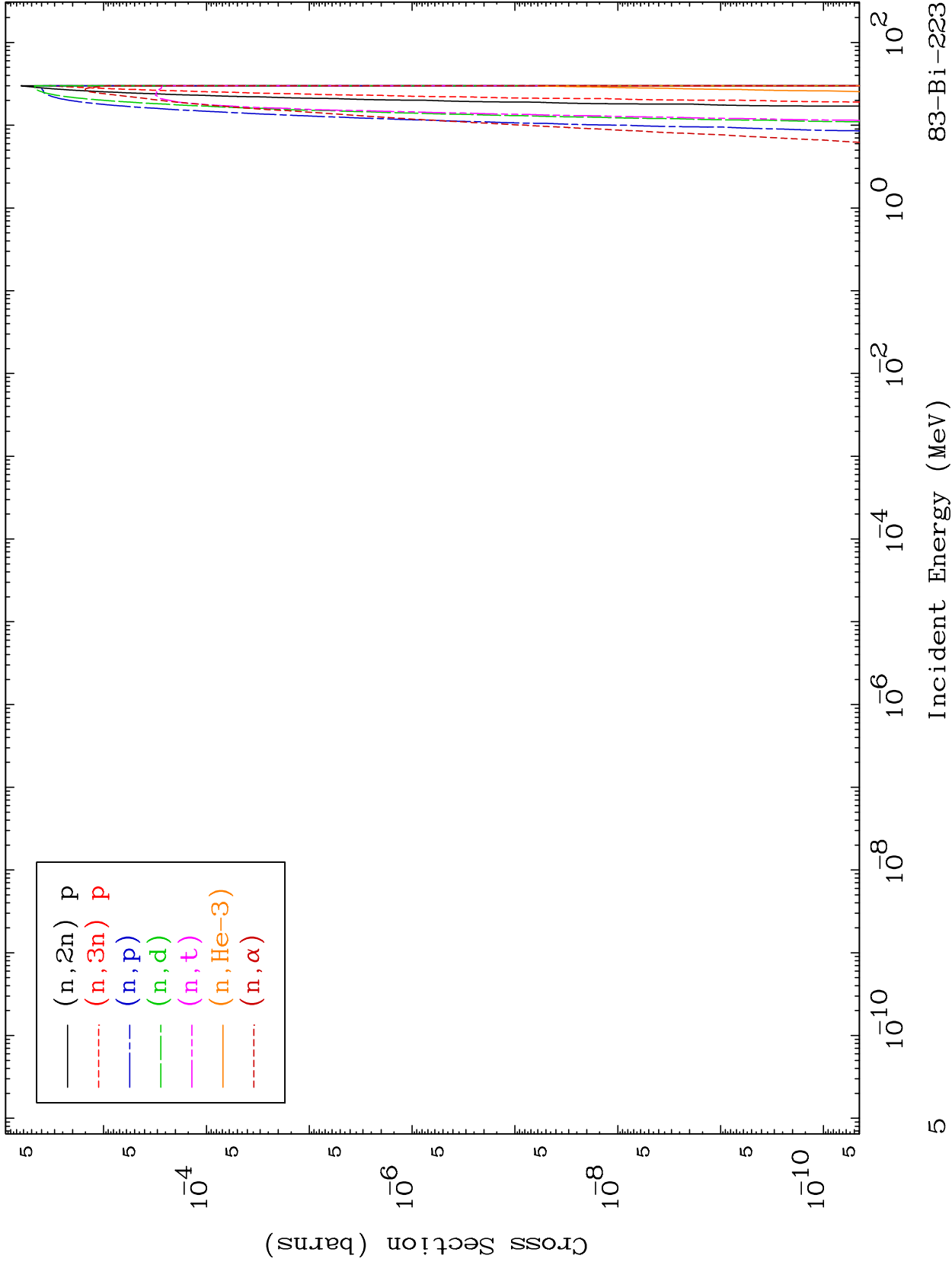
83-Bi-223



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Charged Particle
293 Kelvin Cross Sections

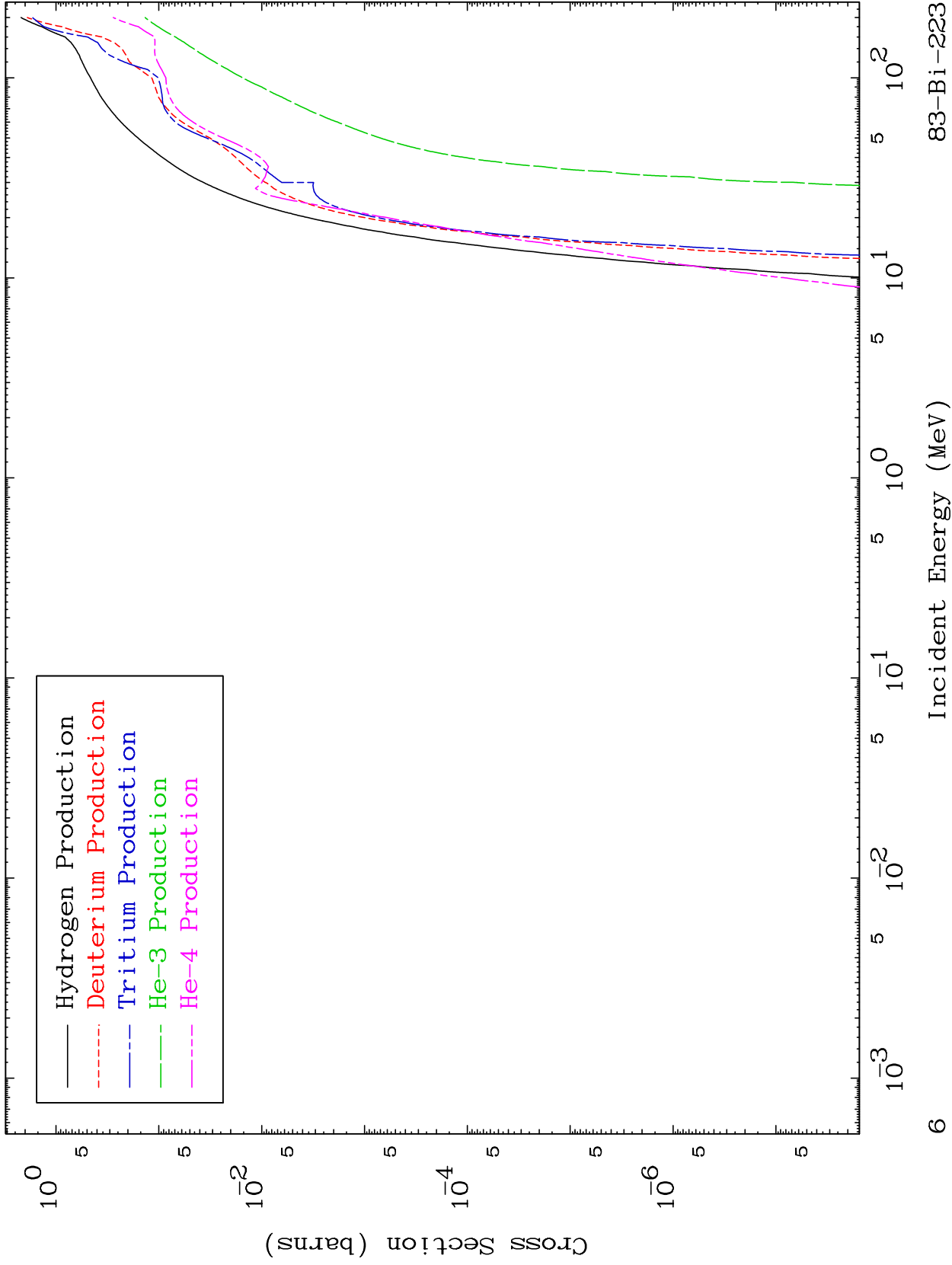
83-Bi-223



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Particle Production
293 Kelvin Cross Sections

83-Bi-223



6

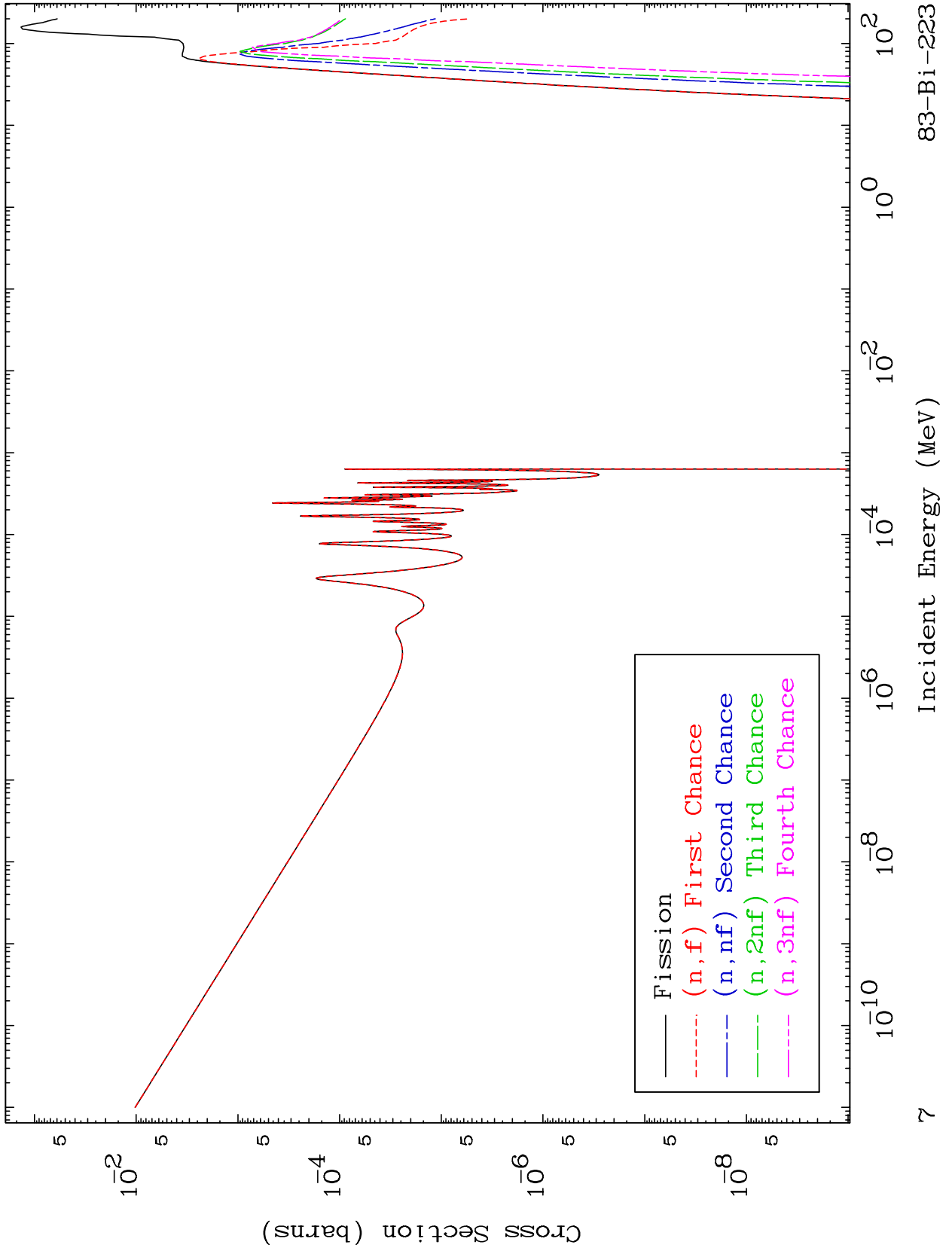
Incident Energy (MeV)

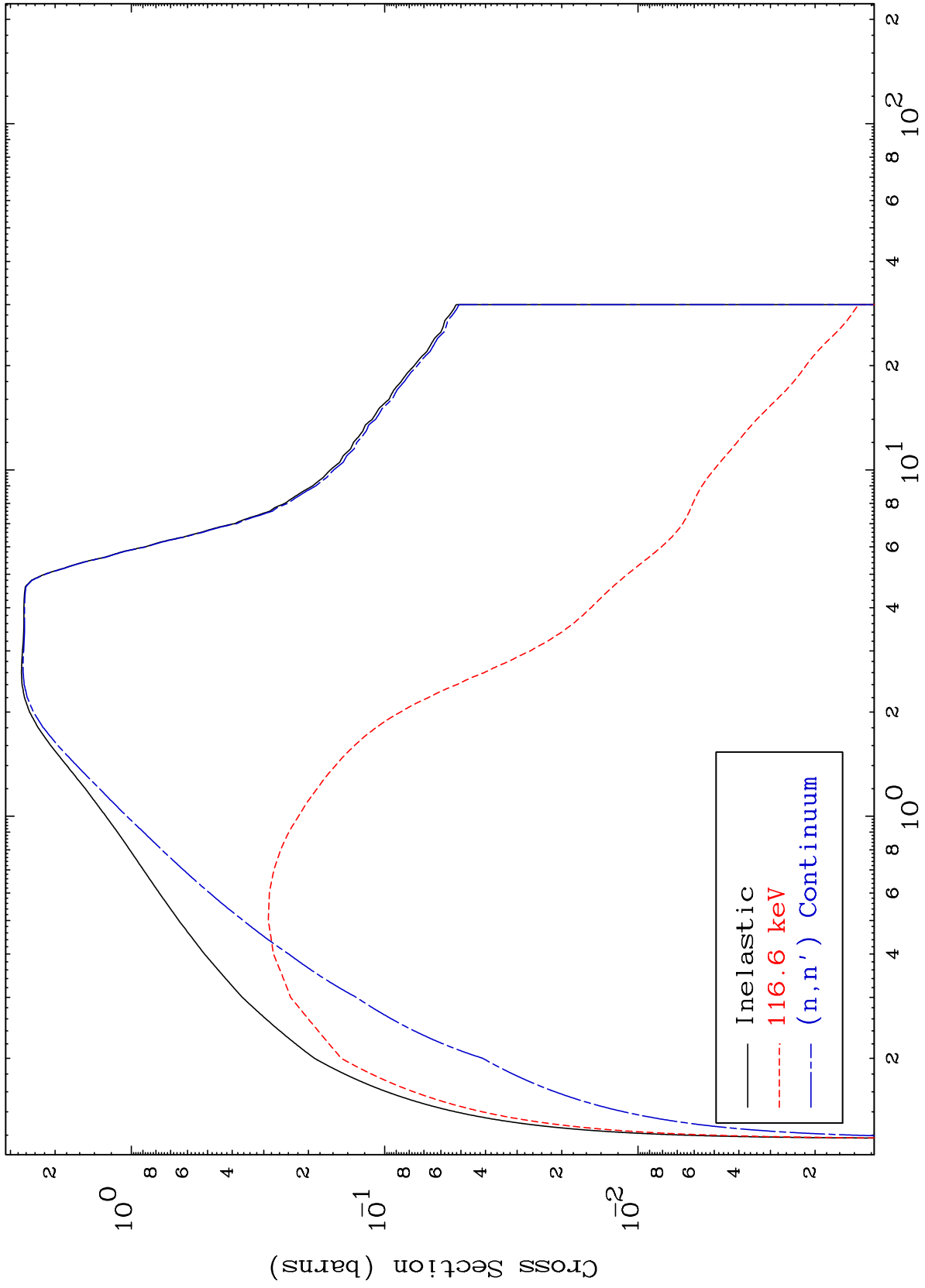
83-Bi-223

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Fission
293 Kelvin Cross Sections

83-Bi-223

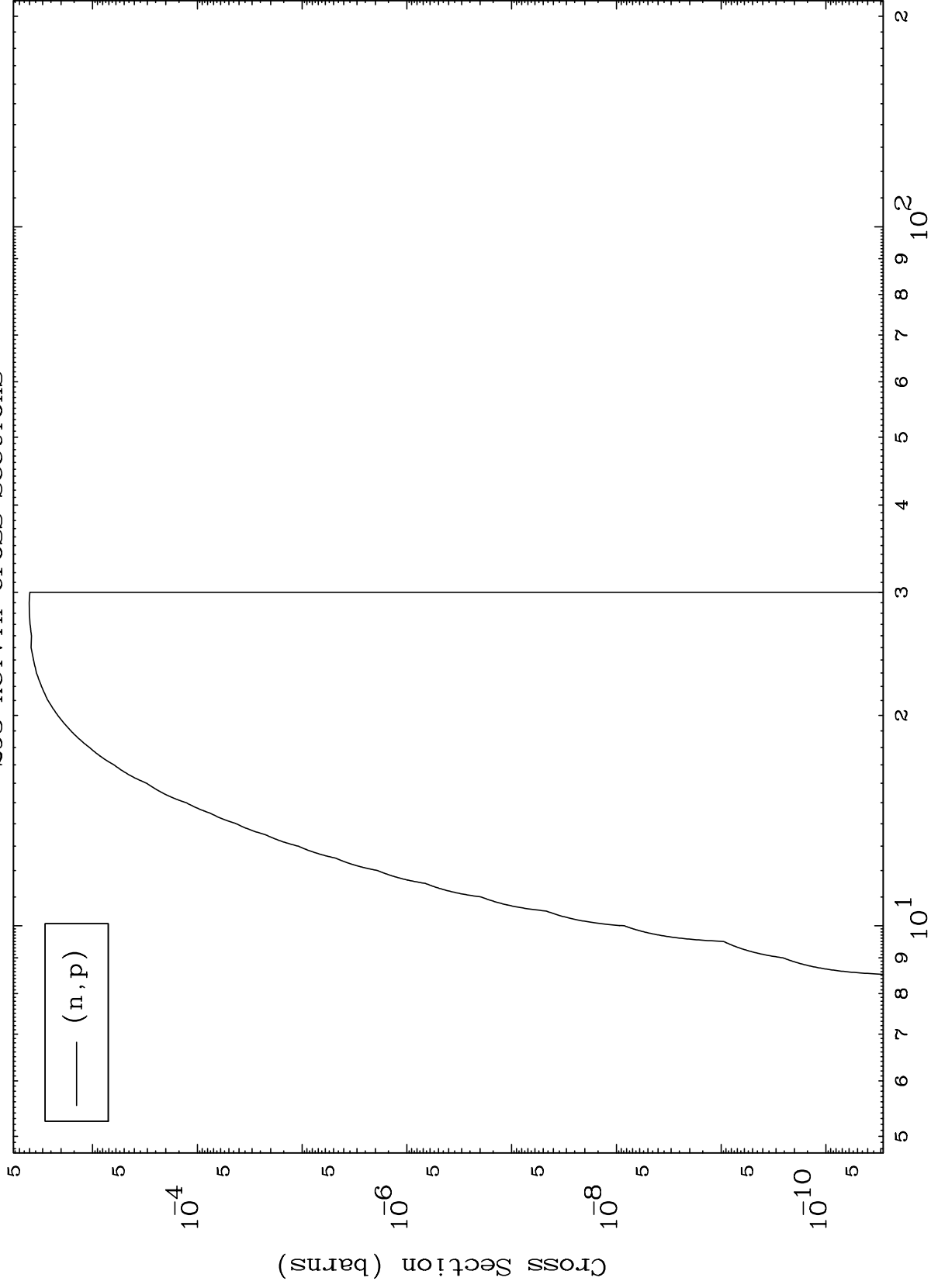




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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-223



9

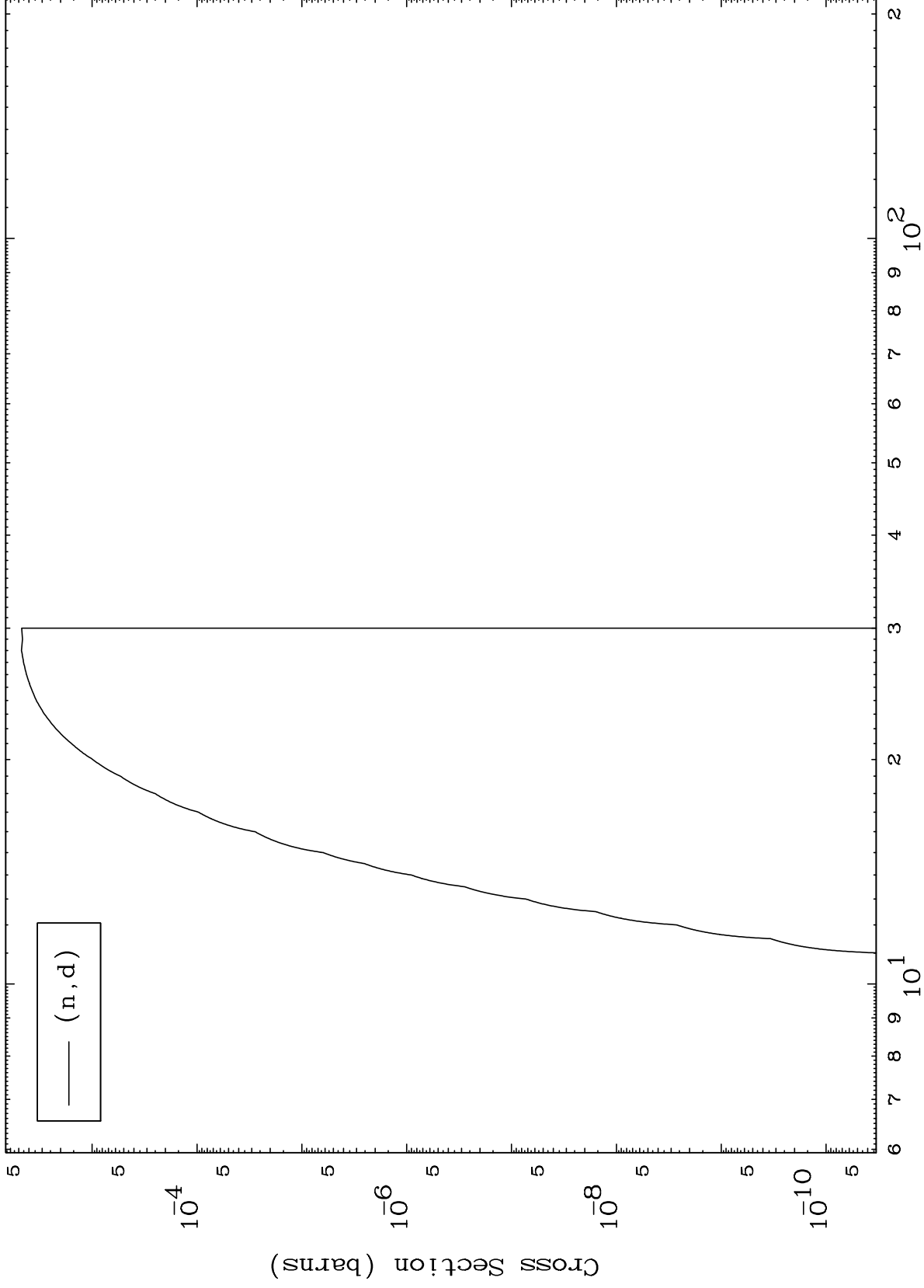
Incident Energy (MeV)

83-Bi-223

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(n,d) Levels
293 Kelvin Cross Sections

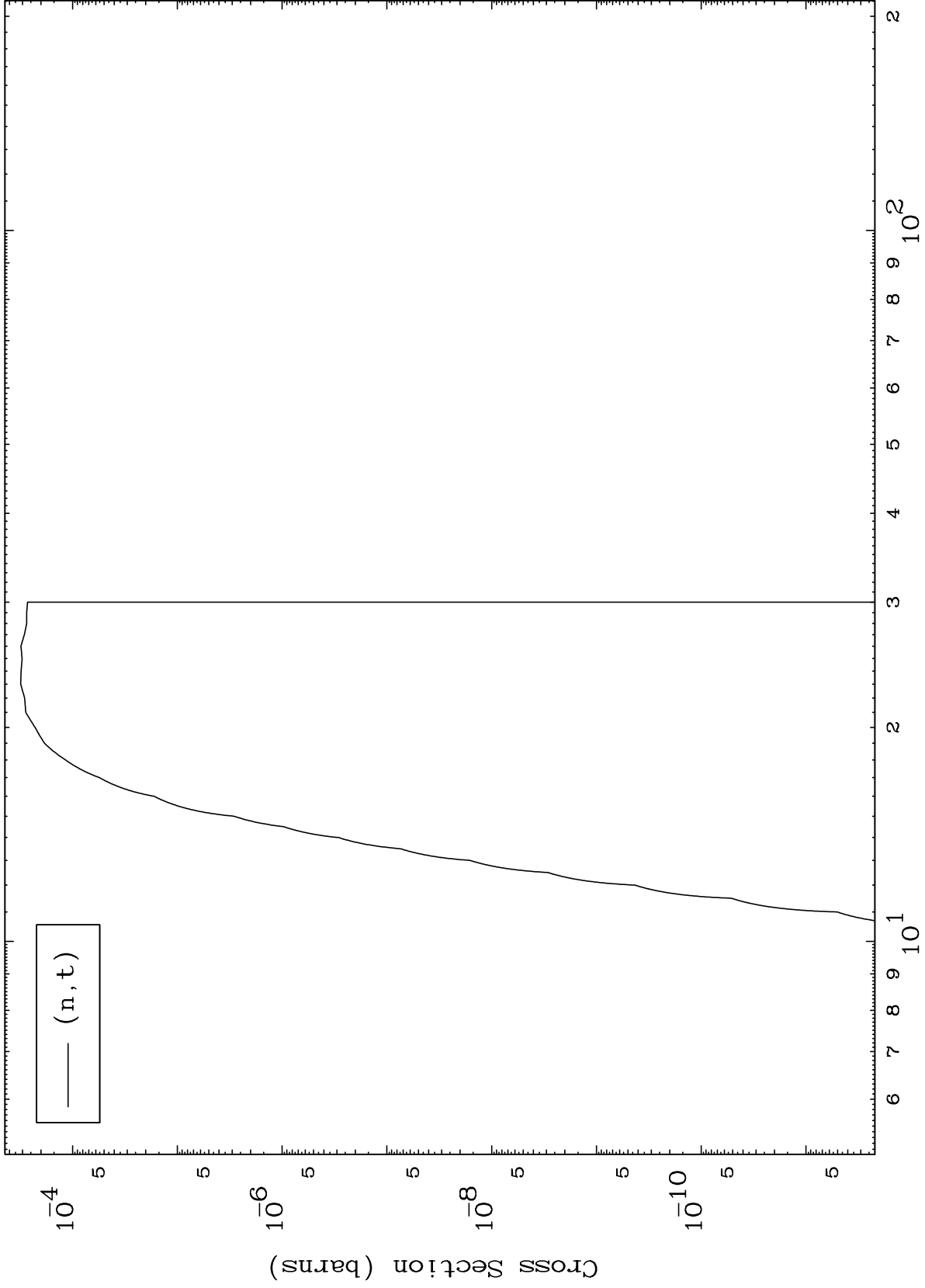
83-Bi-223



10

Incident Energy (MeV)

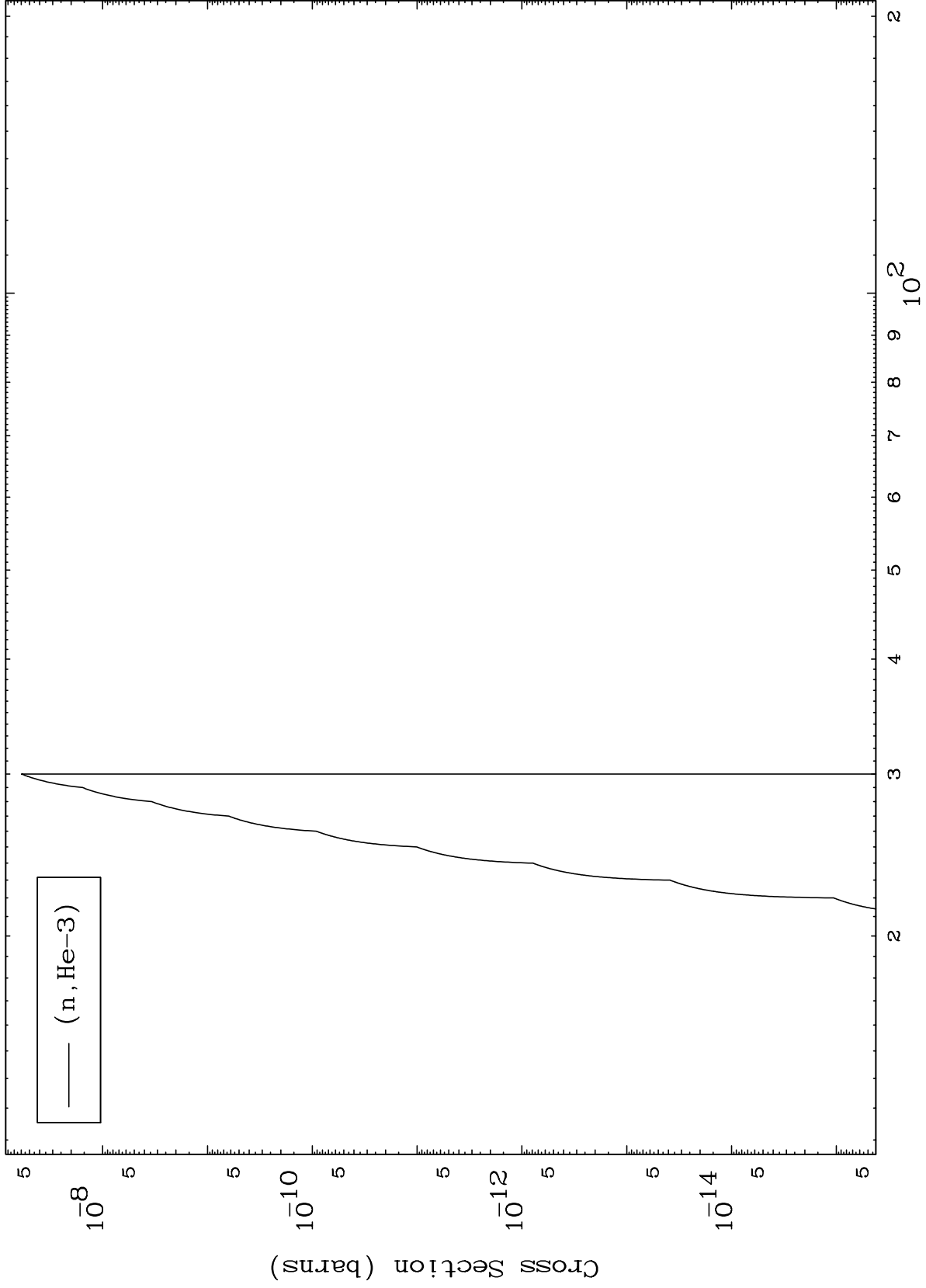
83-Bi-223



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(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-223



12

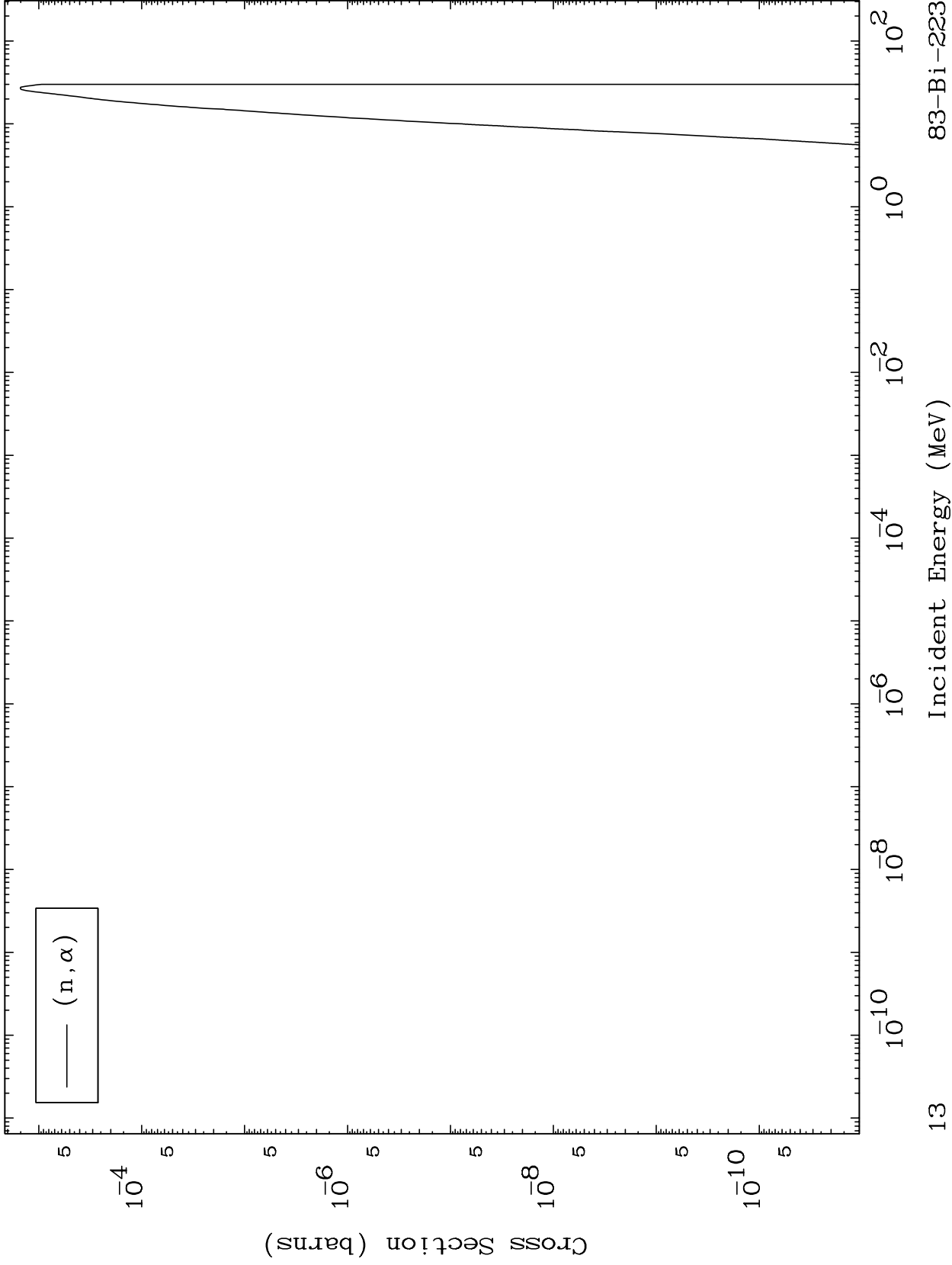
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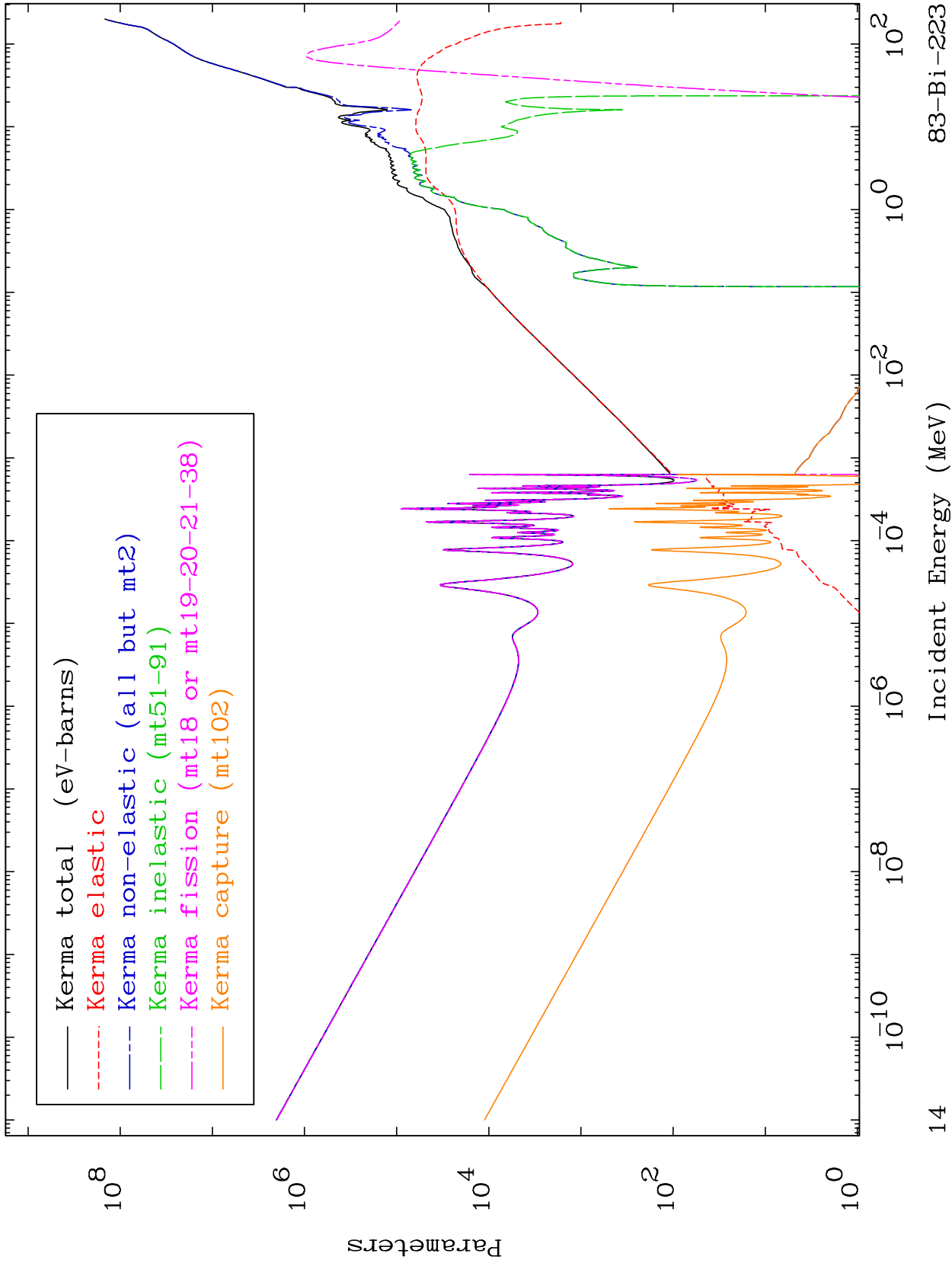
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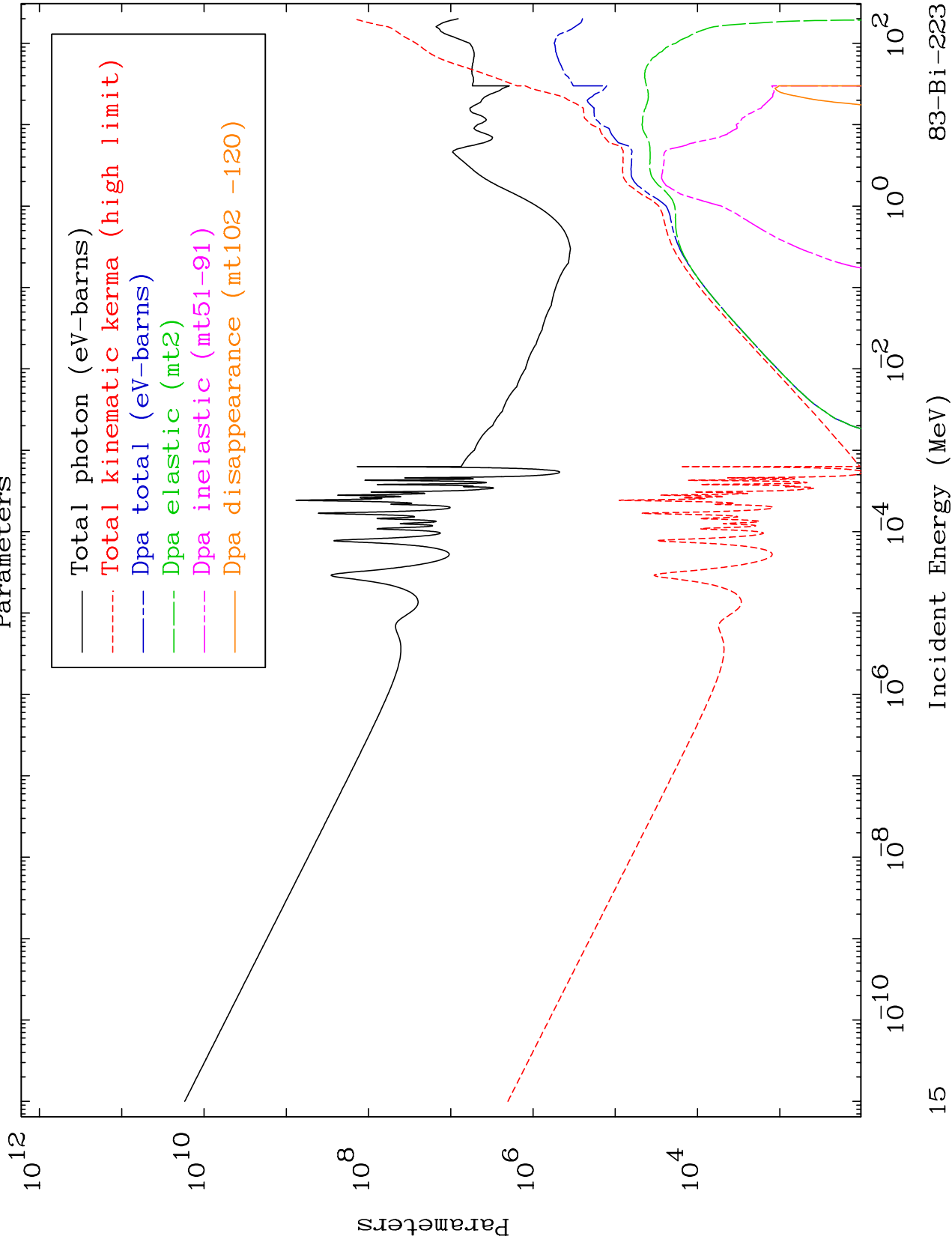
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(n,α) Levels
293 Kelvin Cross Sections

83-Bi-223



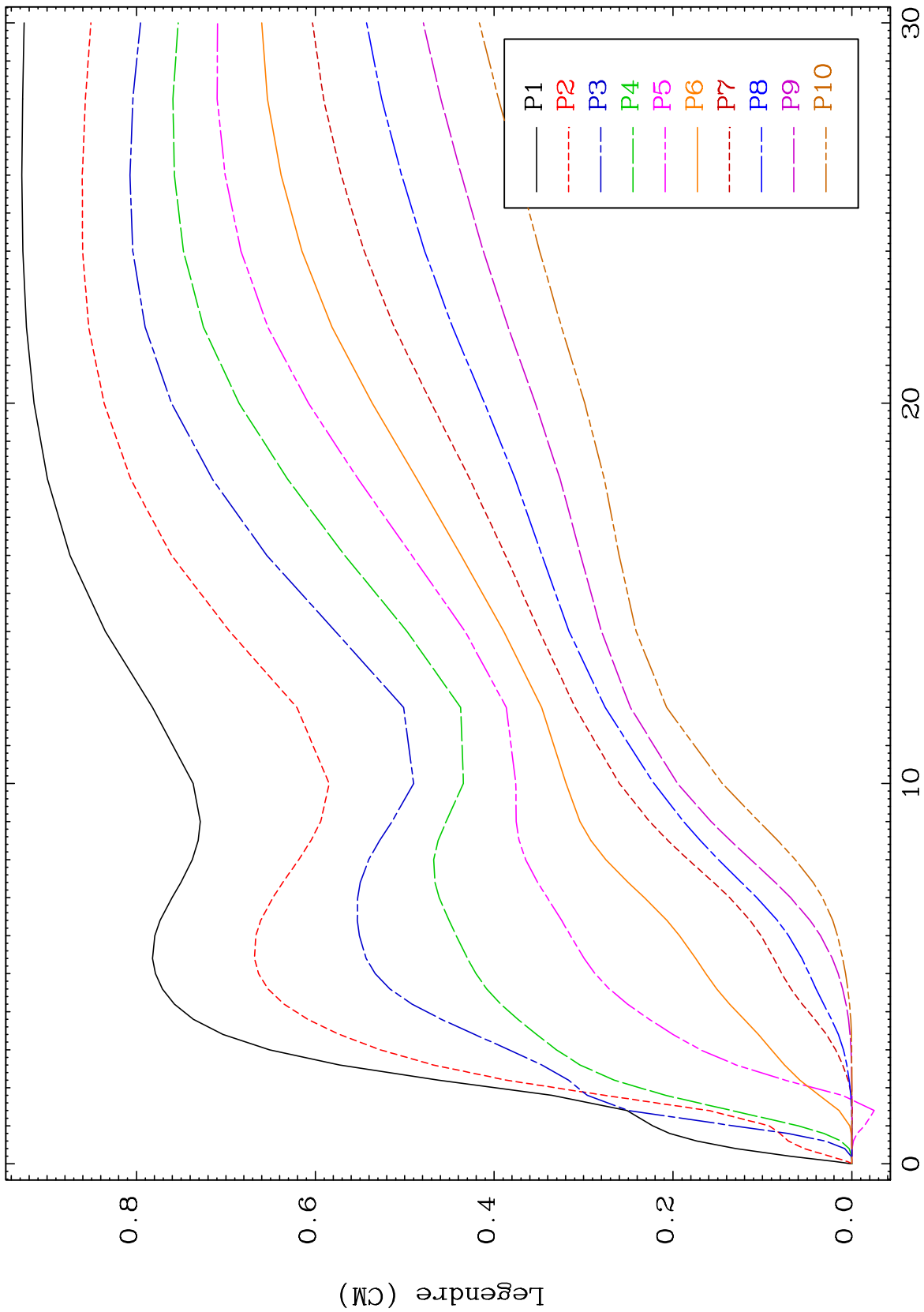




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83-Bi-223

Elastic Legendre Coefficients



83-Bi-223

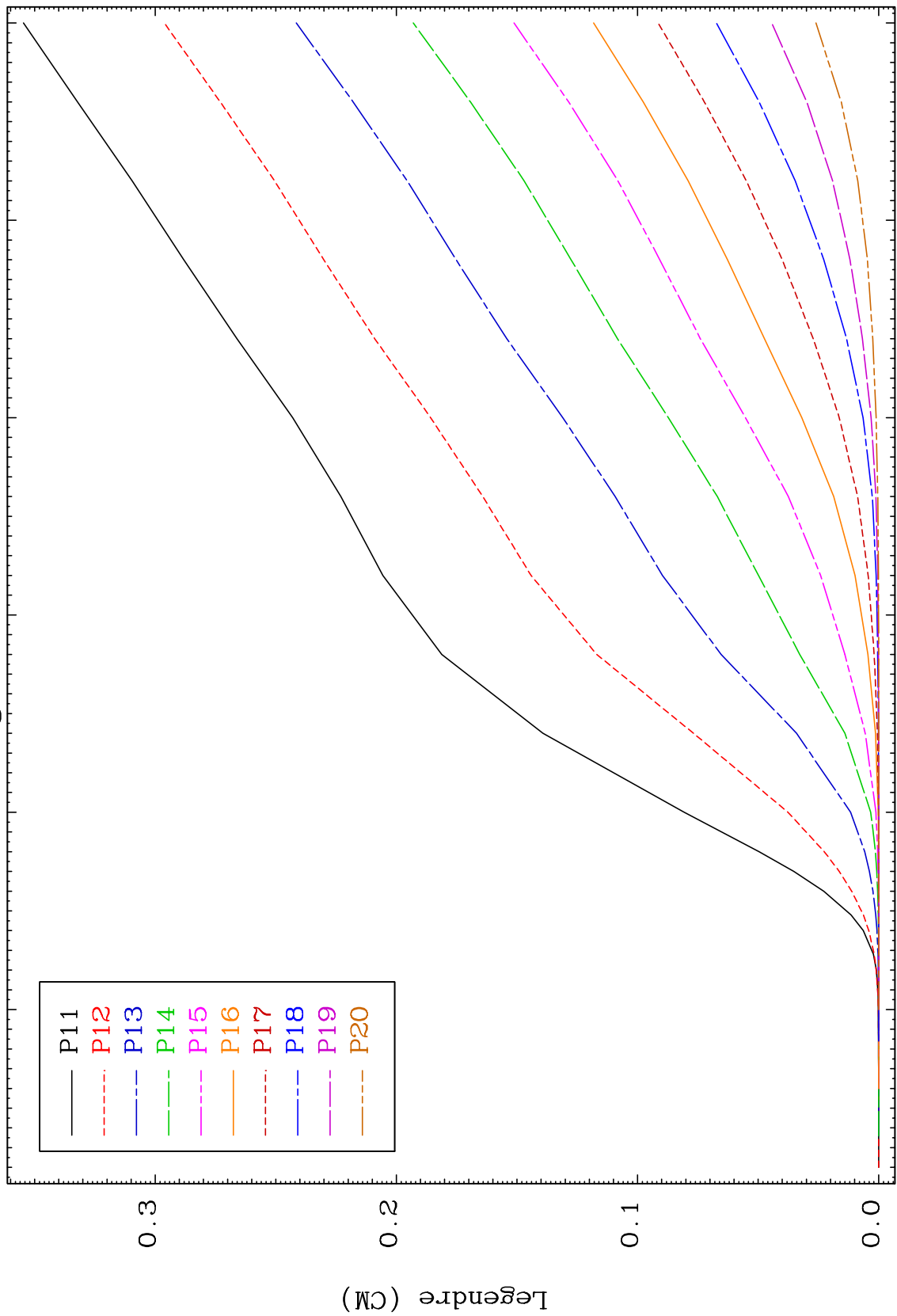
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

83-Bi-223



17

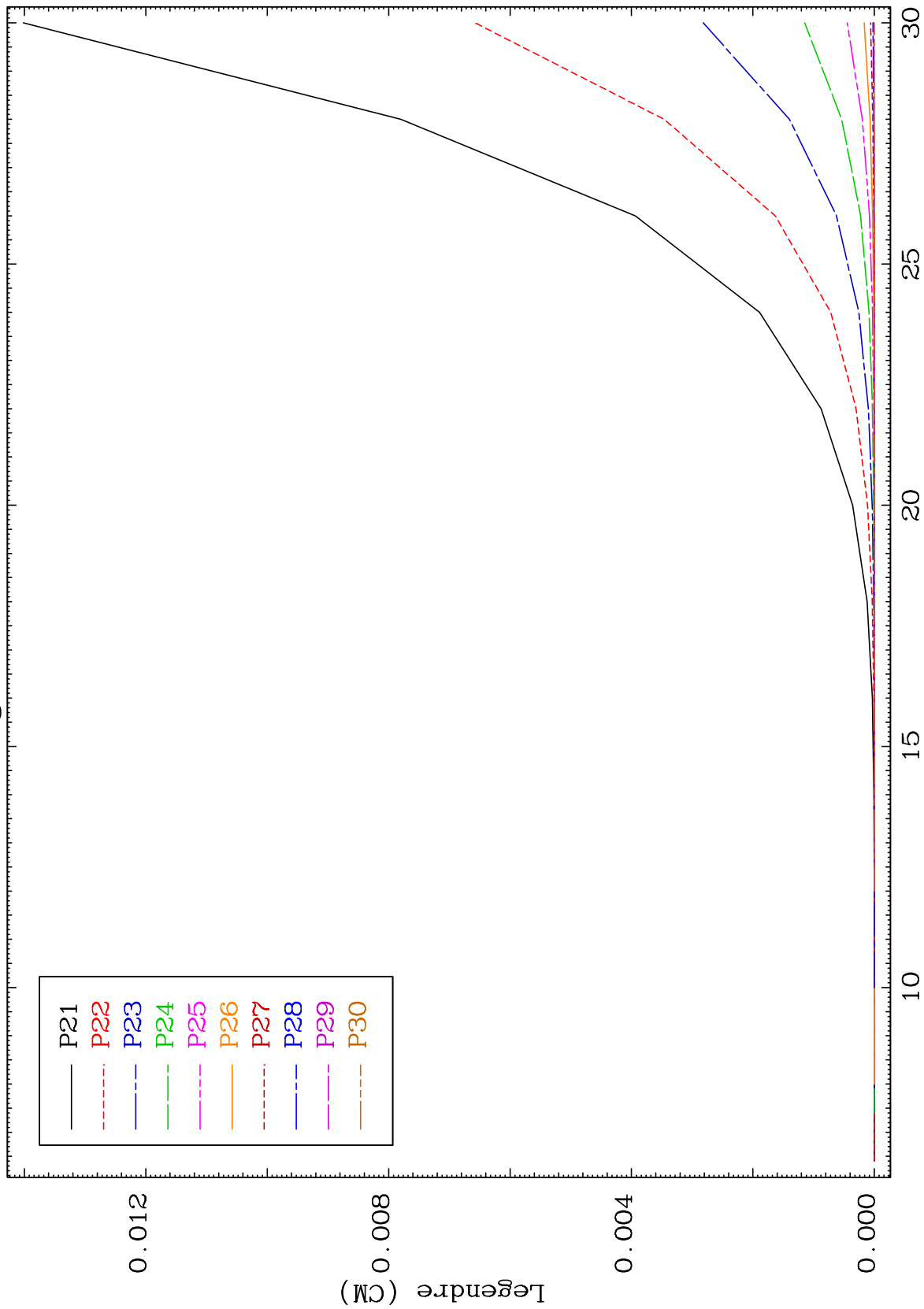
Incident Energy (MeV)

83-Bi-223

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Elastic Legendre Coefficients

83-Bi-223



18

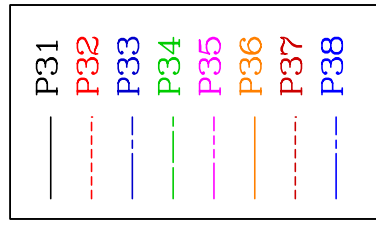
Incident Energy (MeV)

83-Bi-223

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Elastic Legendre Coefficients

83-Bi-223



$\times 10^{-7}$

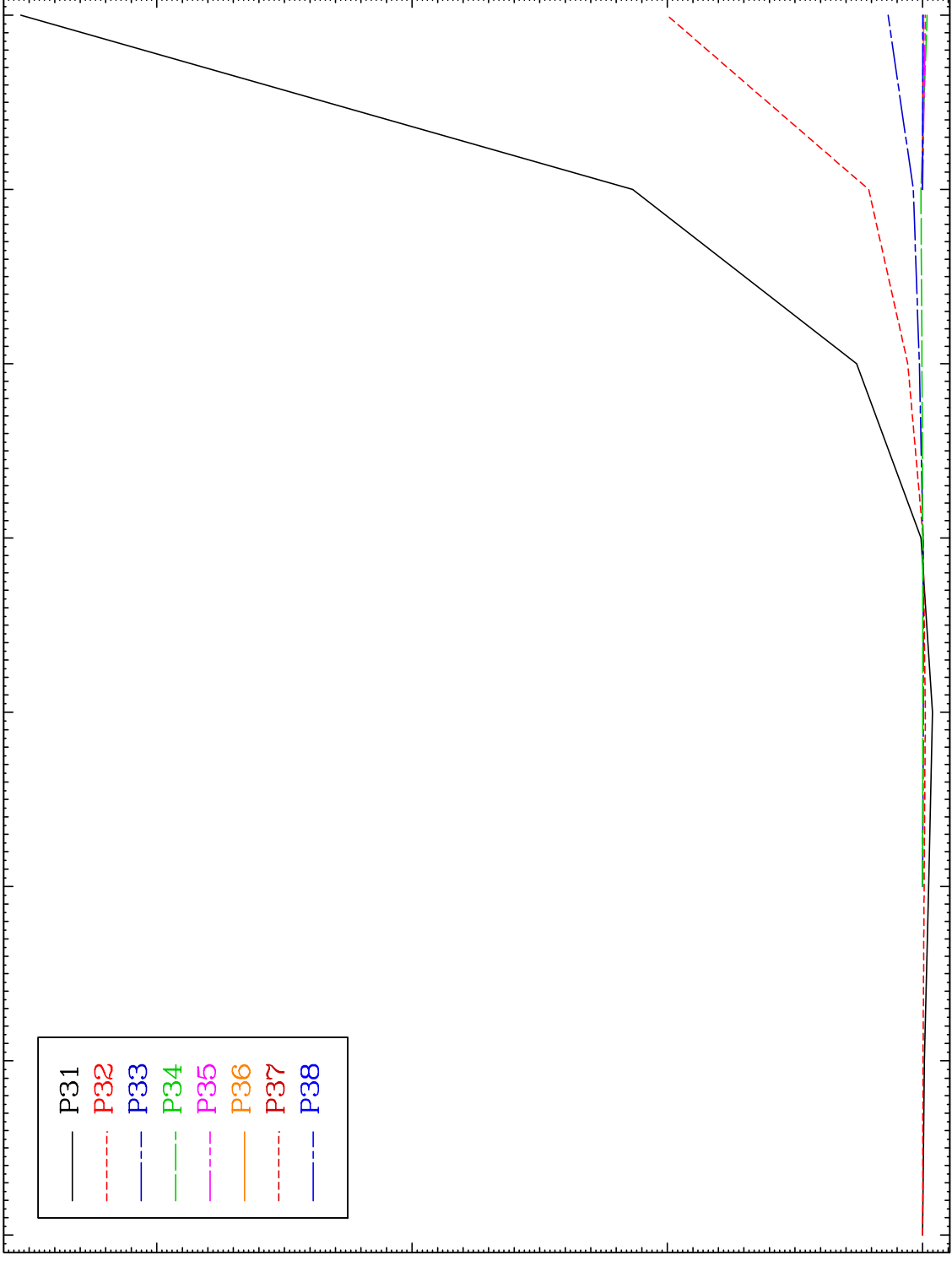
6

4

2

0

Legendre (CM)



30

28

26

24

22

20

18

16

19

Incident Energy (MeV)

83-Bi-223