

Program EVALPLOT  
(Version 2018-1)

by

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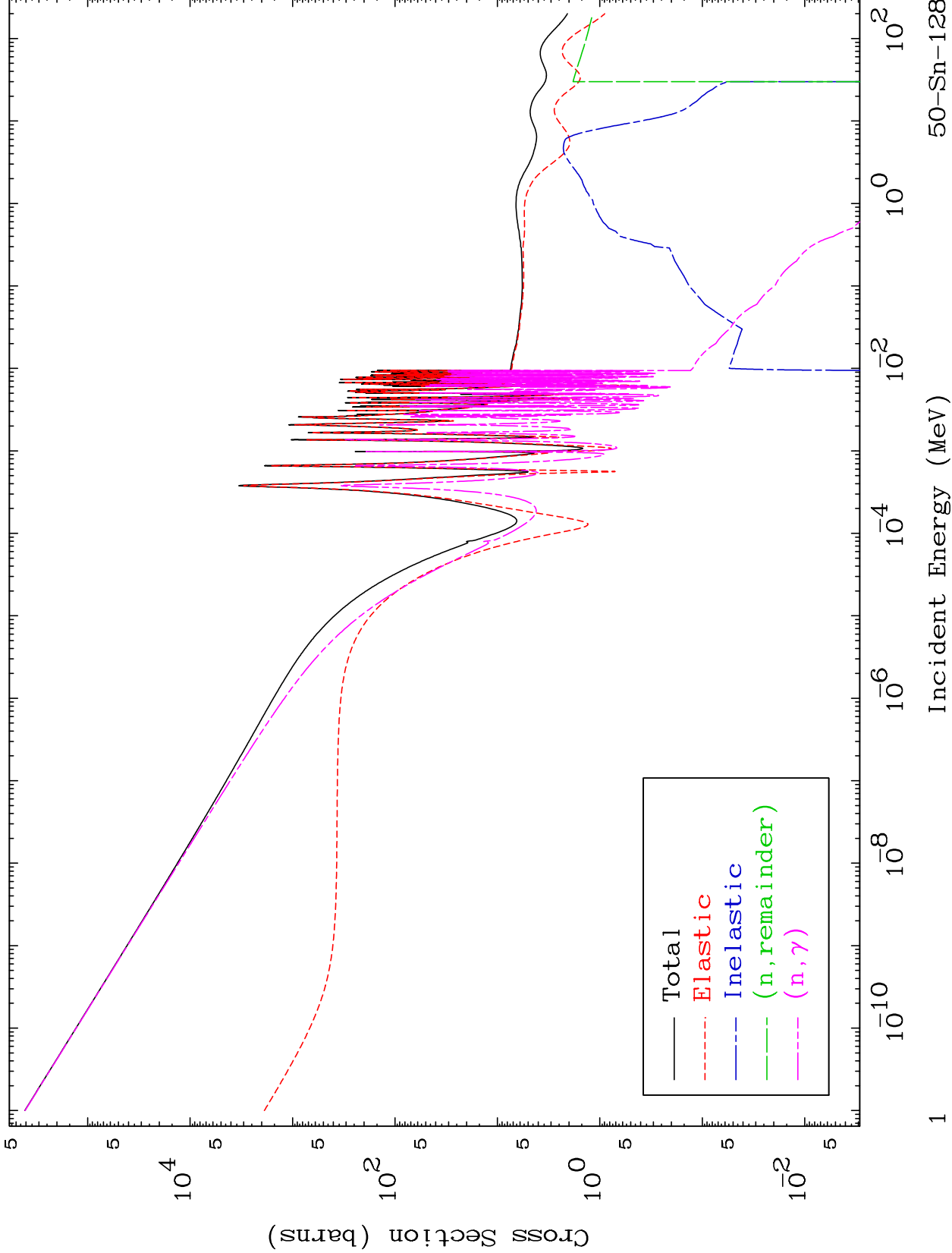
Press Mouse Button to Start

MAT 5074

Major

293 Kelvin Cross Sections

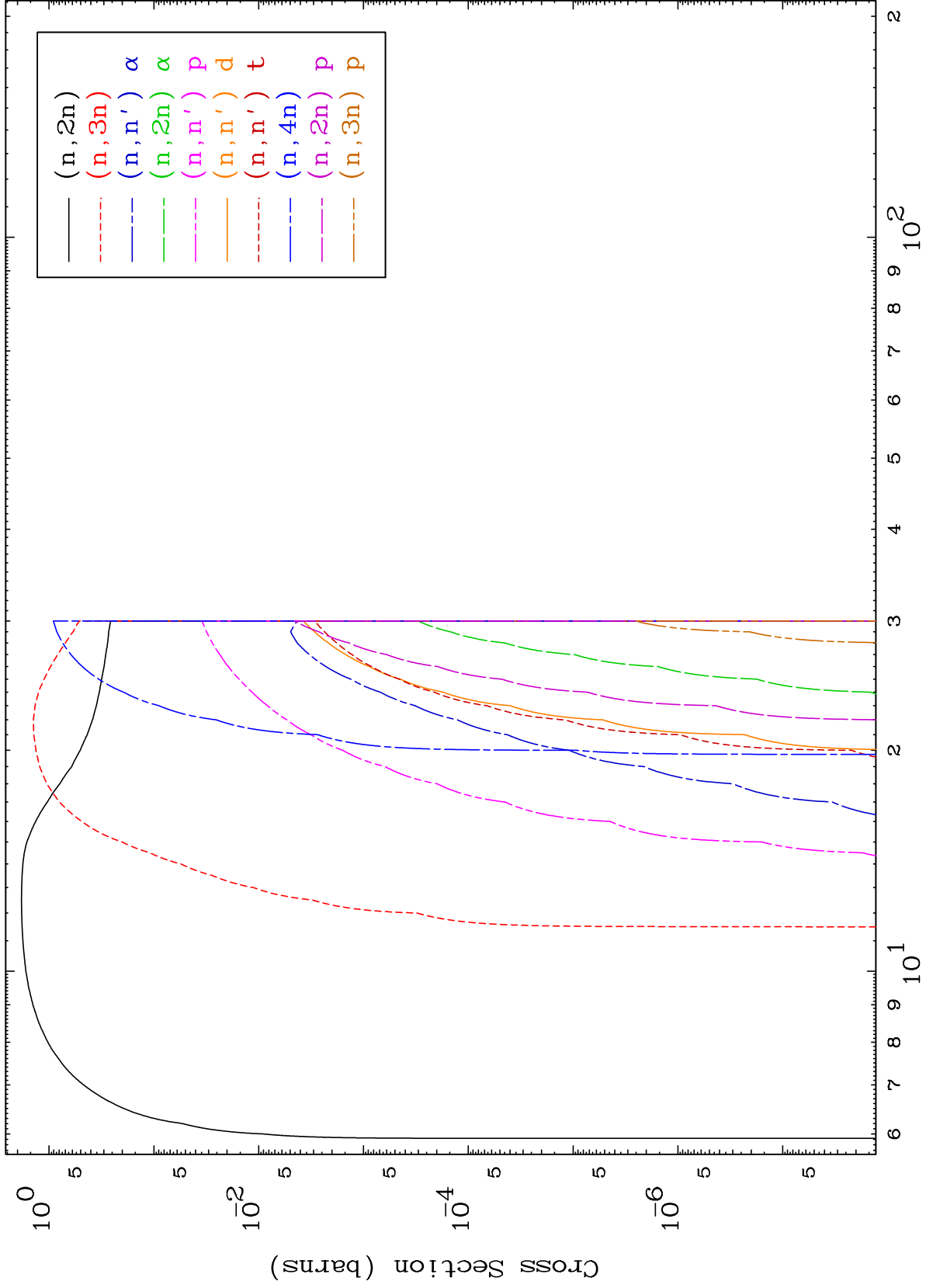
50-Sn-128



MAT 5074

Neutron Production  
293 Kelvin Cross Sections

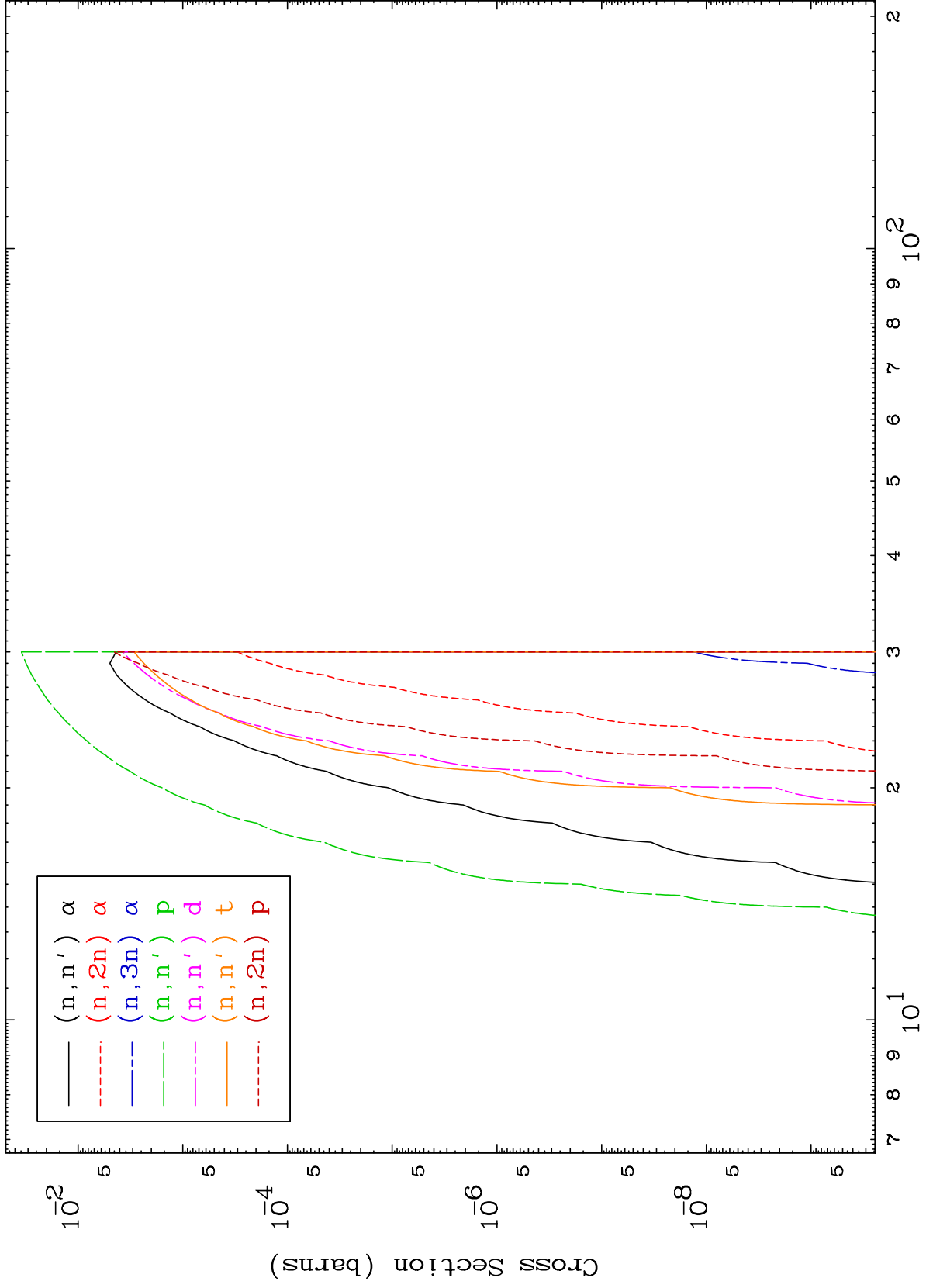
50-Sn-128



2

Incident Energy (MeV)

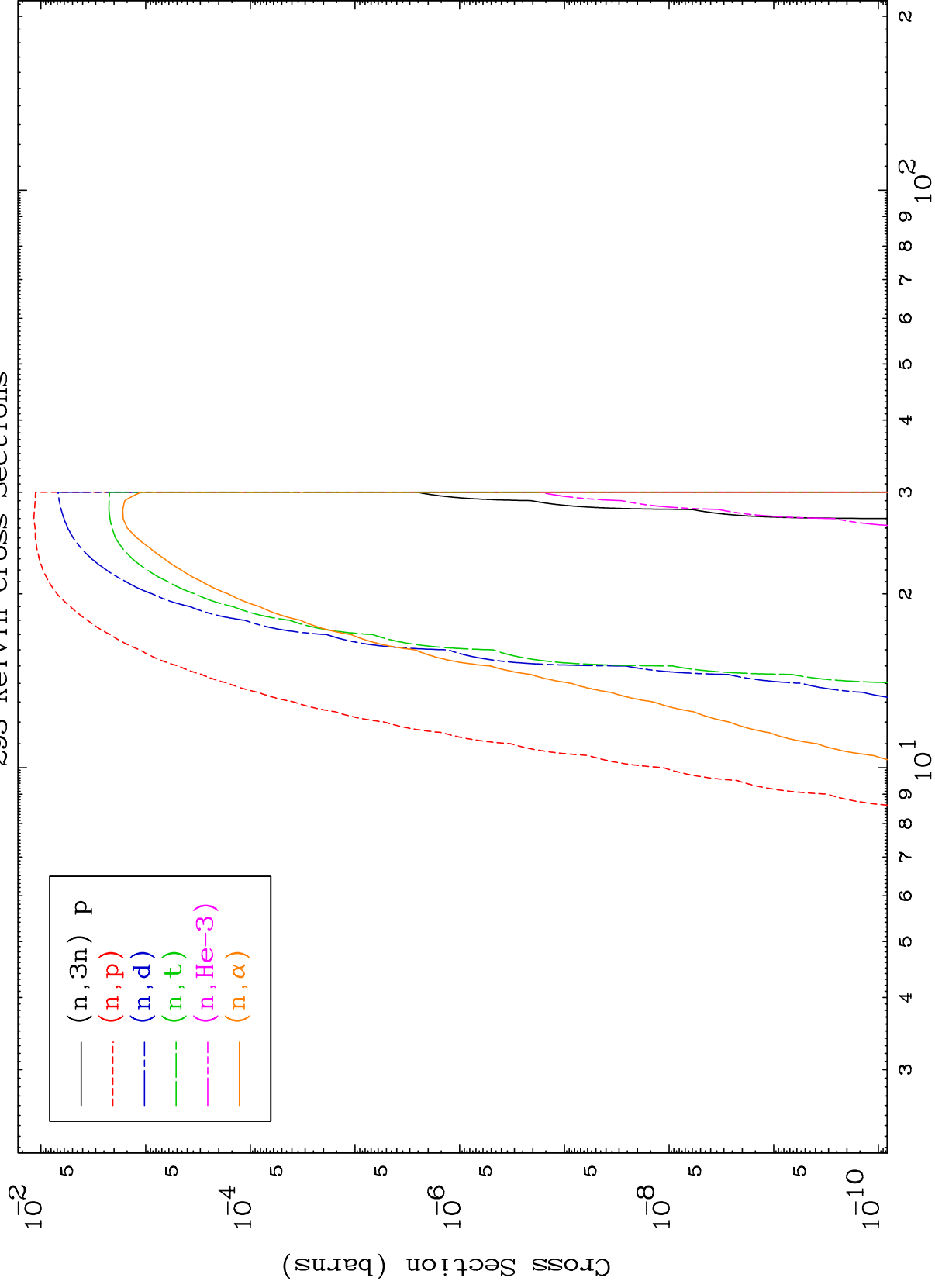
50-Sn-128



MAT 5074

Charged Particle  
293 Kelvin Cross Sections

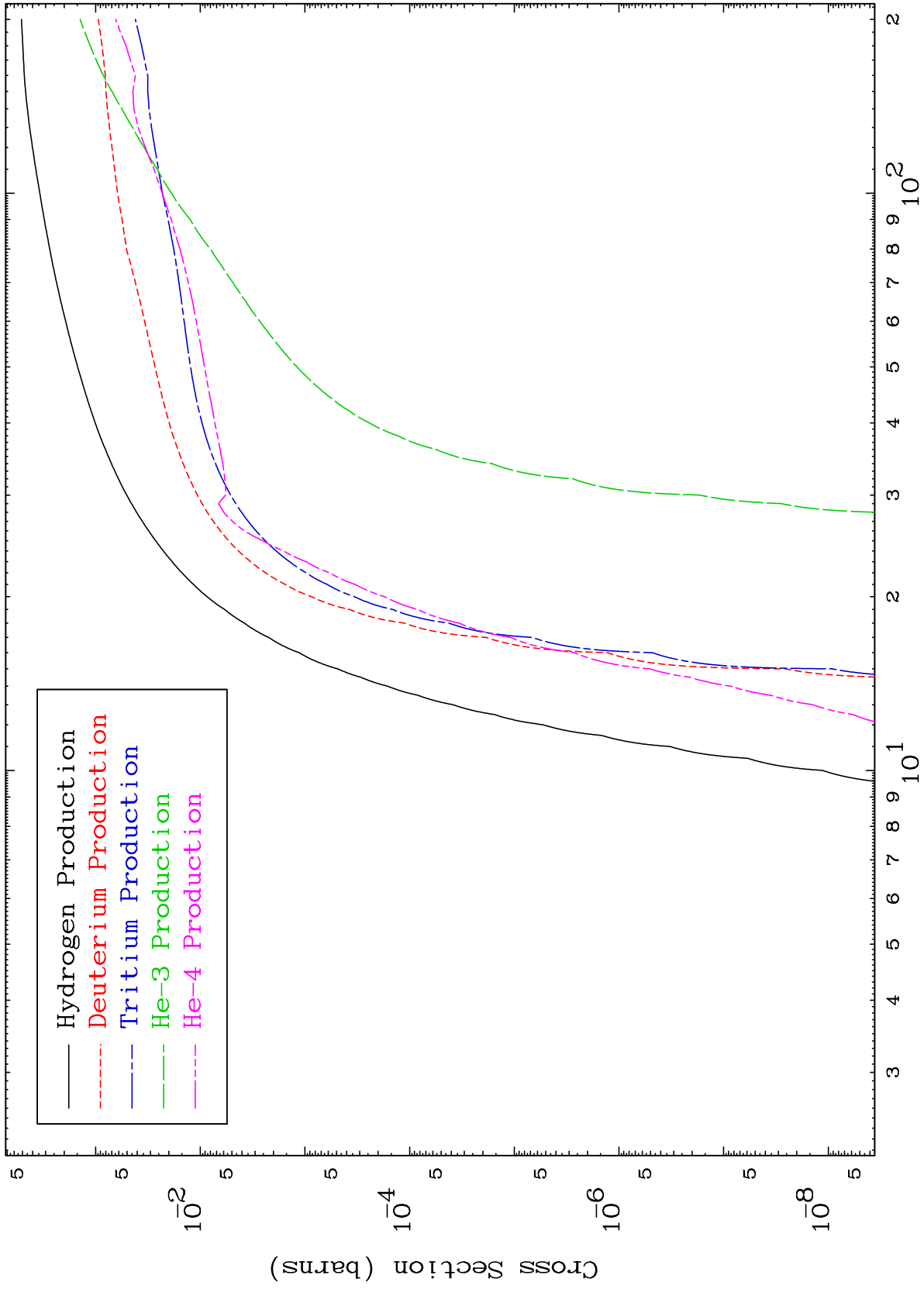
50-Sn-128



MAT 5074

Particle Production  
293 Kelvin Cross Sections

50-Sn-128



5

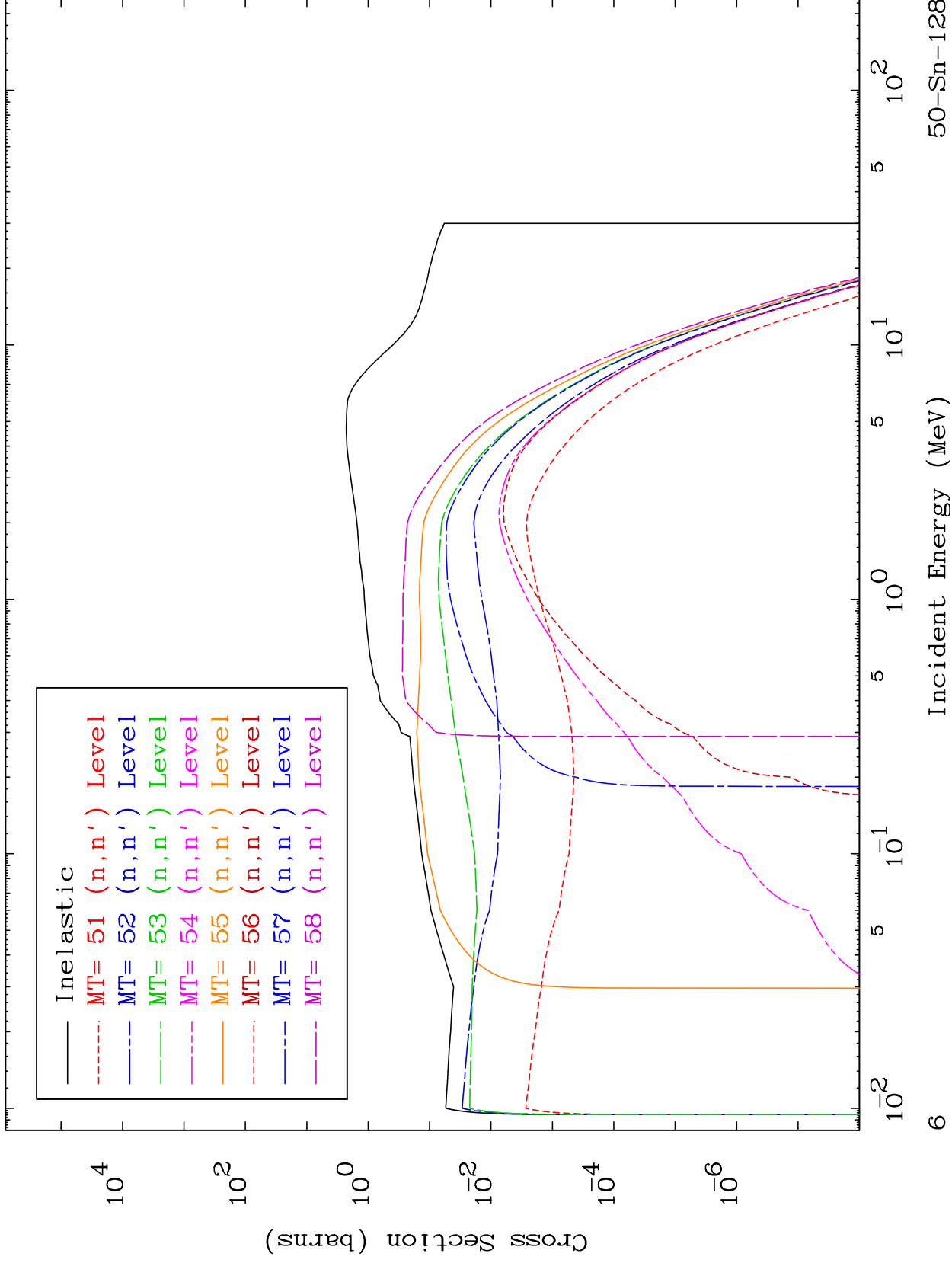
Incident Energy (MeV)

50-Sn-128

MAT 5074

293 Kelvin Cross Sections  
(n,n') Level

50-Sn-128

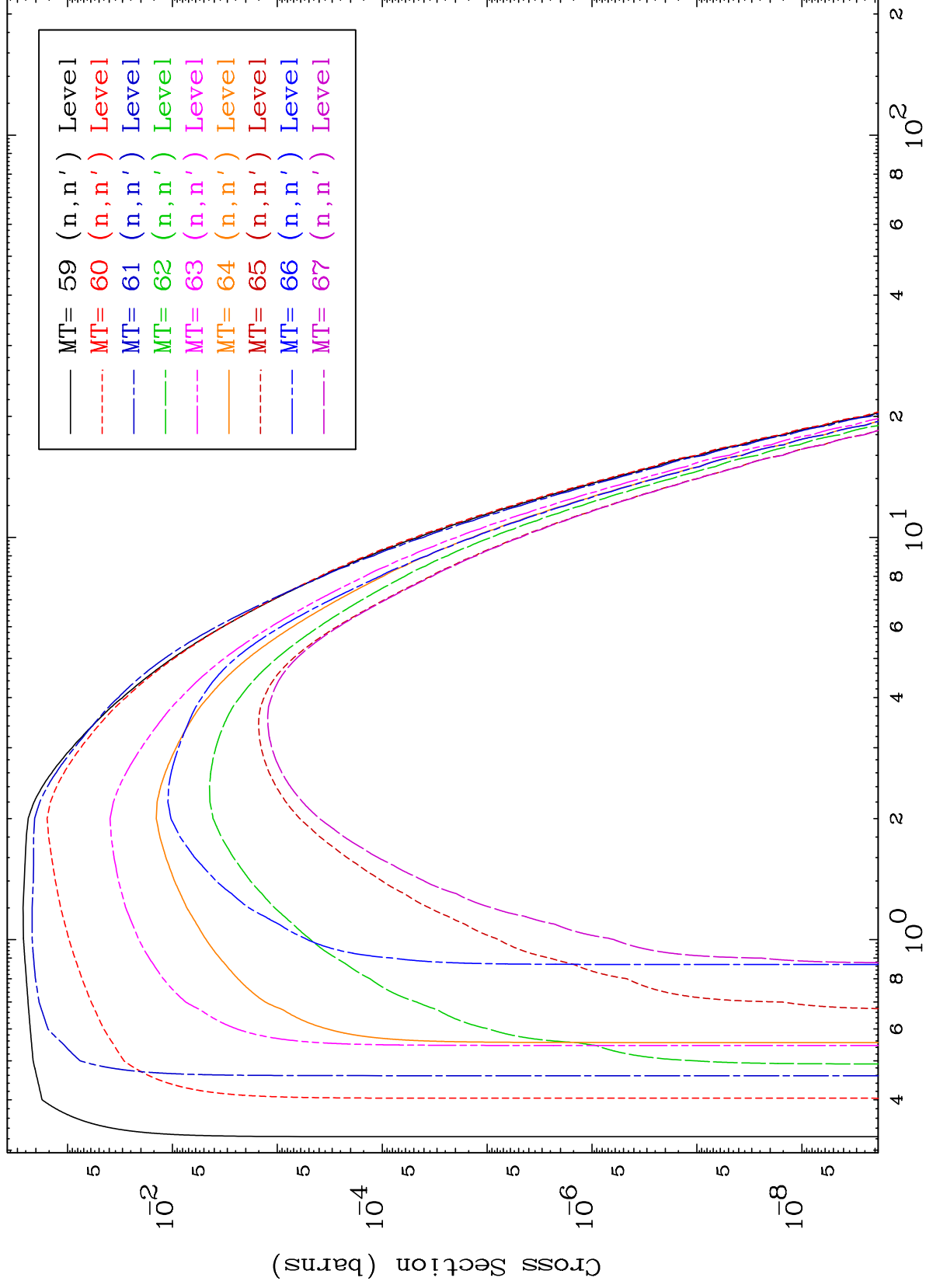


MAT 5074

(n,n') Level

50-Sn-128

293 Kelvin Cross Sections



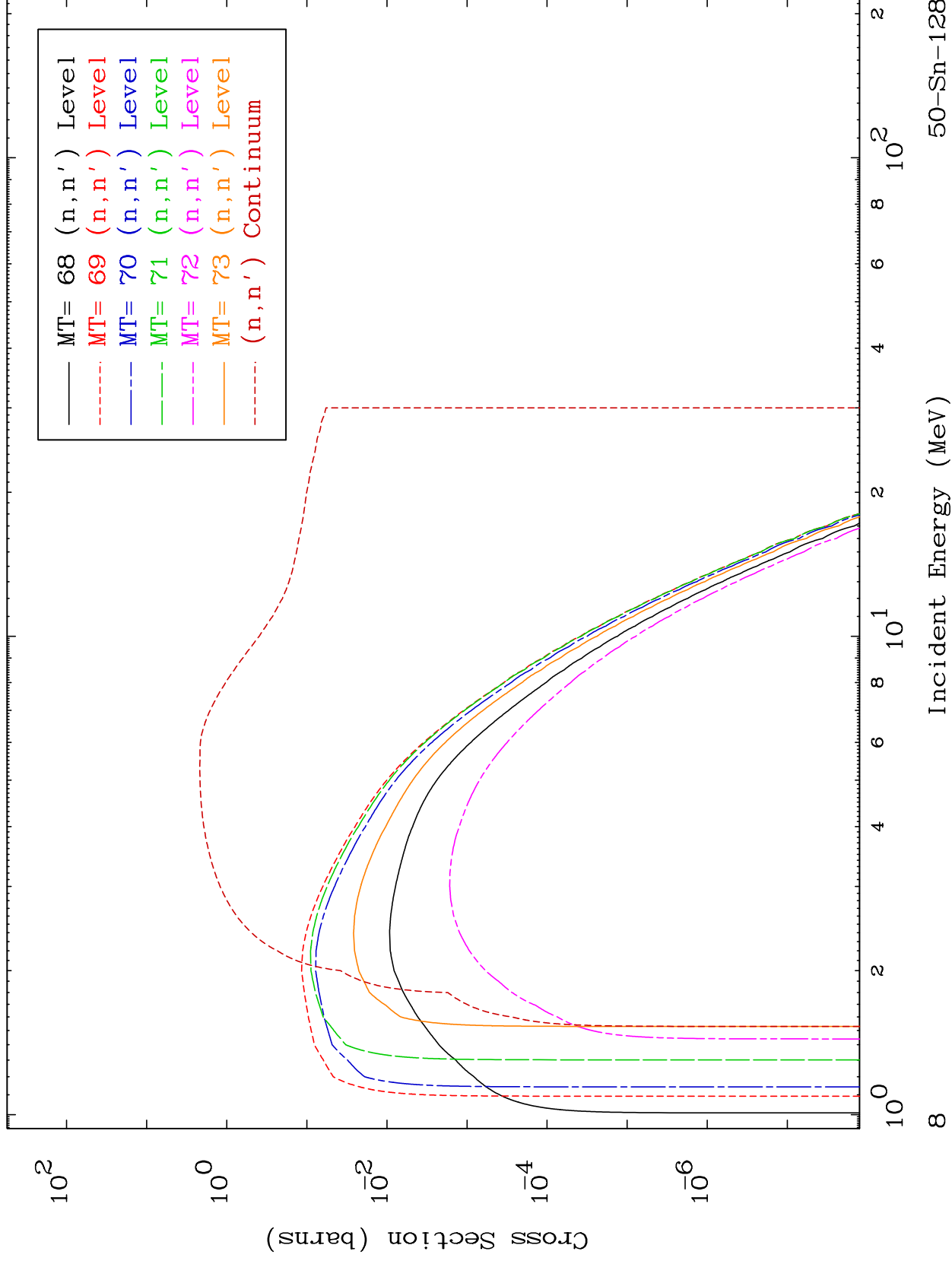


MAT 5074

(n,n') Level

50-Sn-128

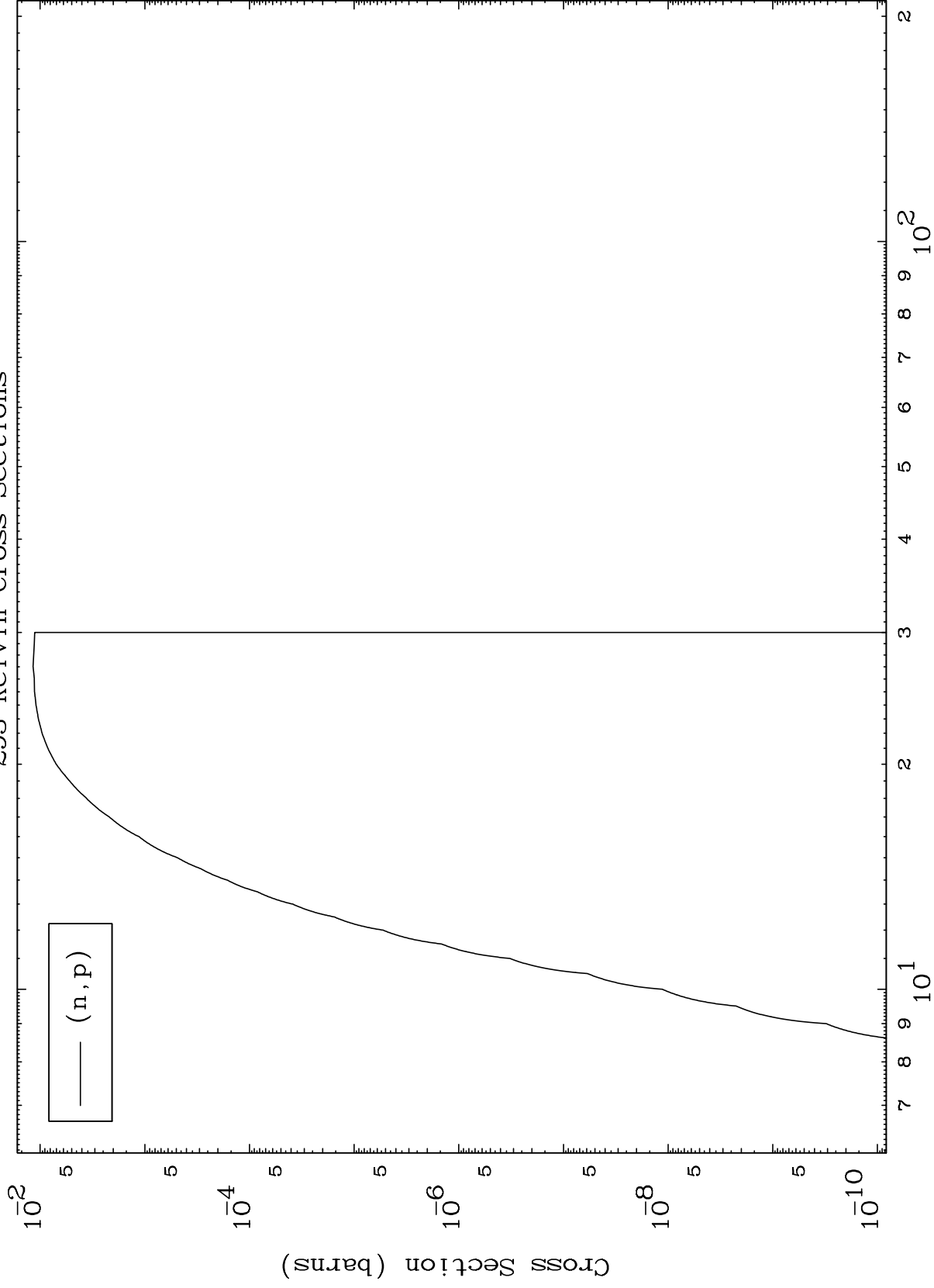
293 Kelvin Cross Sections



MAT 5074

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-128



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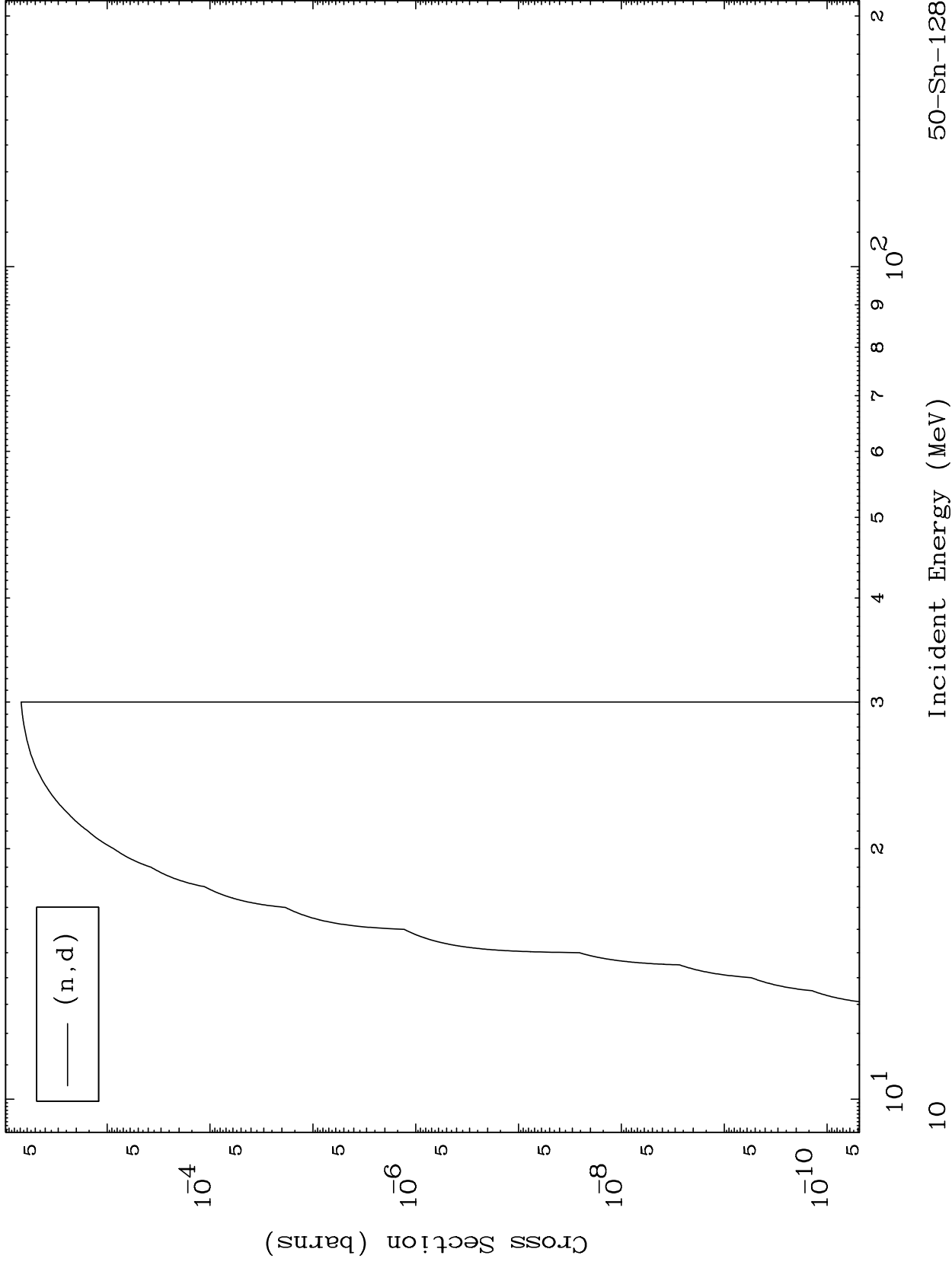
Incident Energy (MeV)

50-Sn-128

MAT 5074

(n,d) Levels  
293 Kelvin Cross Sections

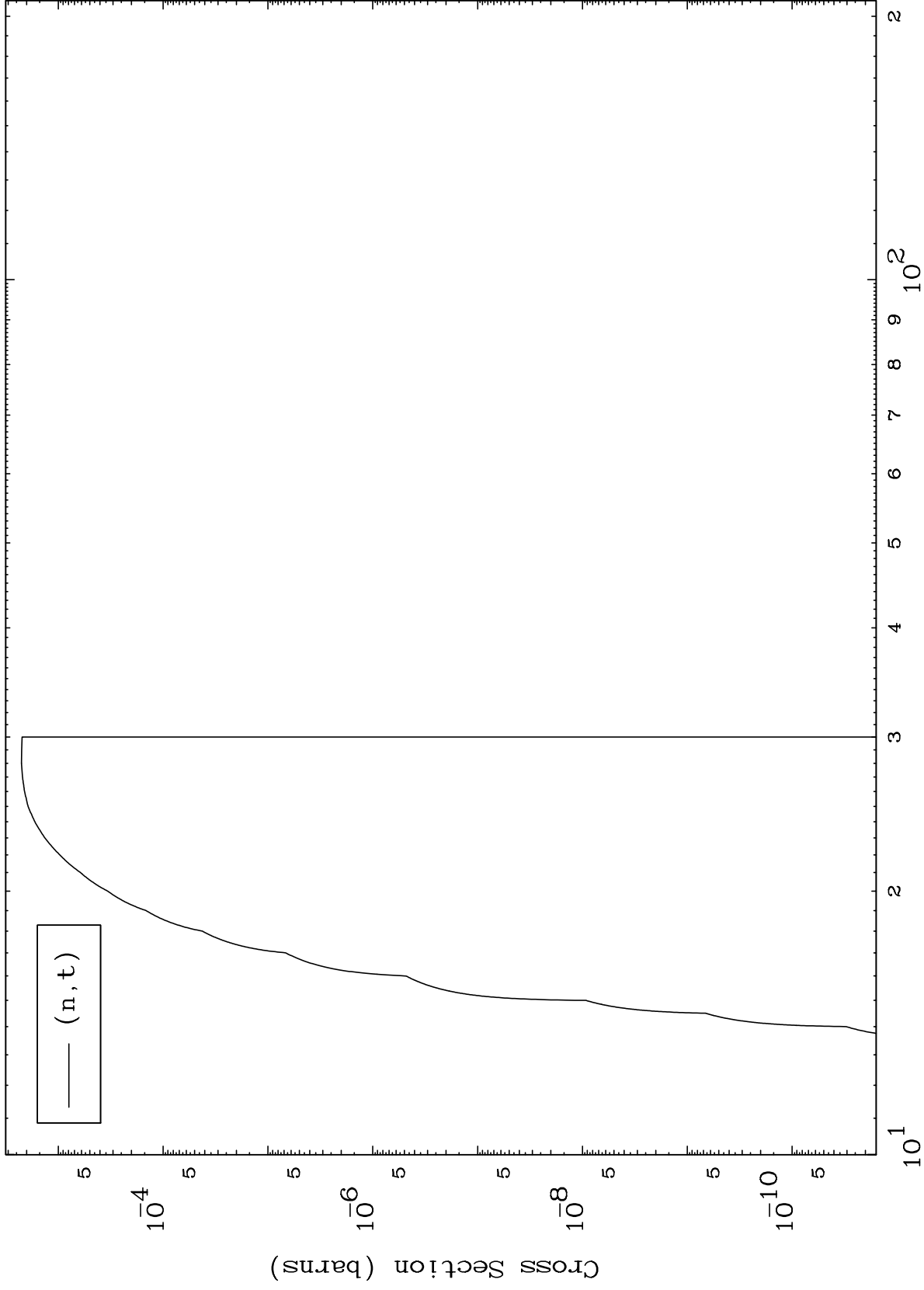
50-Sn-128



MAT 5074

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-128



11

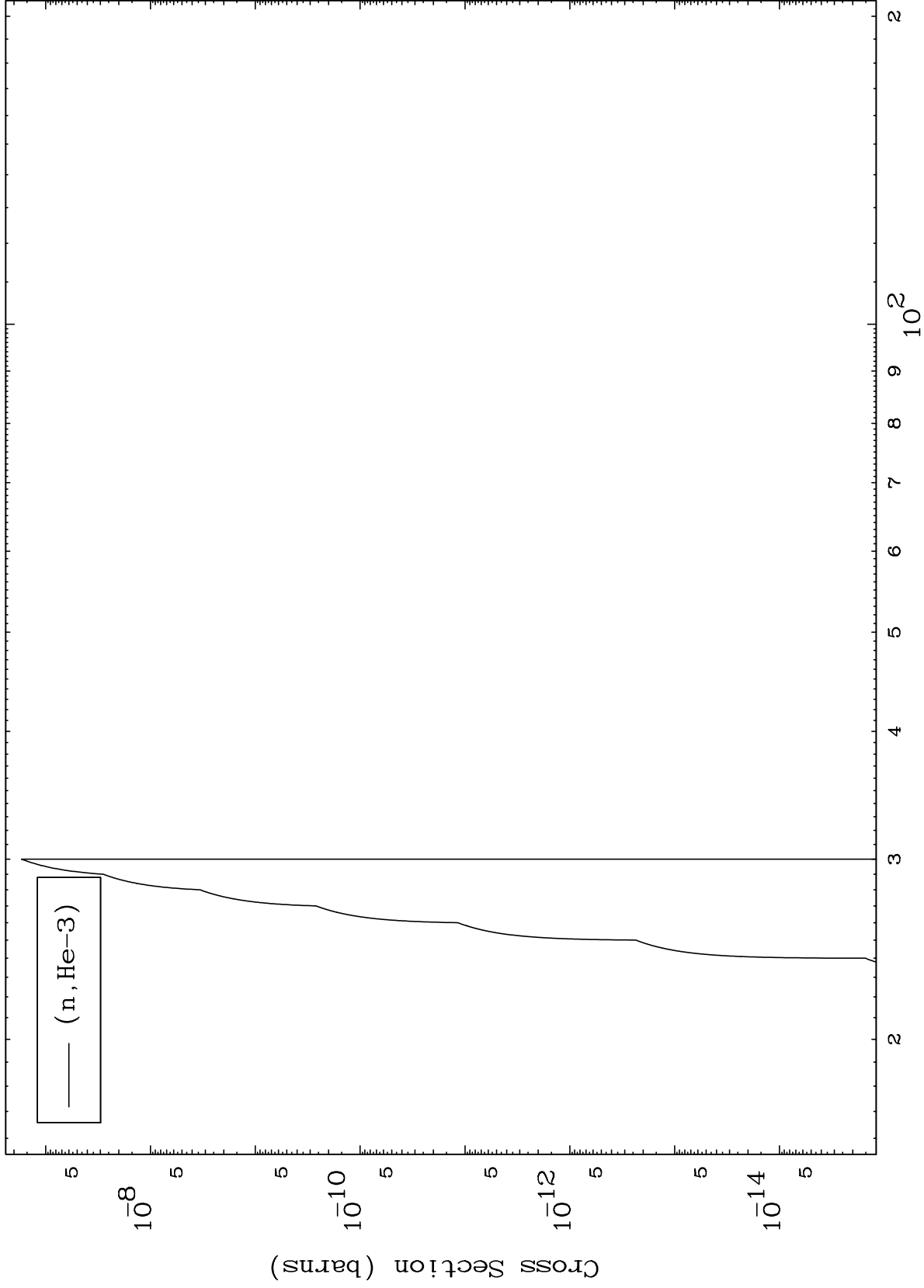
Incident Energy (MeV)

50-Sn-128

MAT 5074

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-128



12

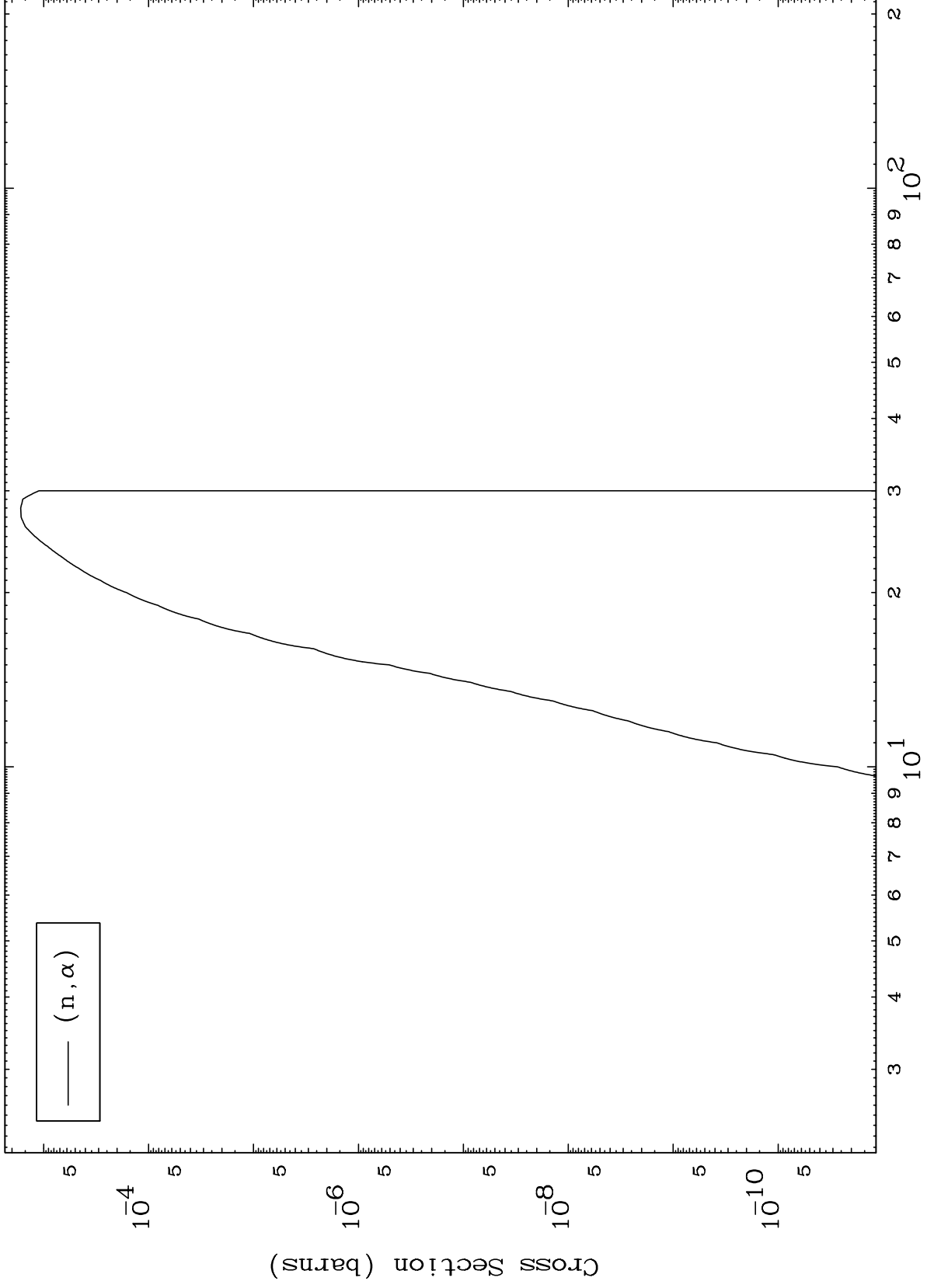
Incident Energy (MeV)

50-Sn-128

MAT 5074

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

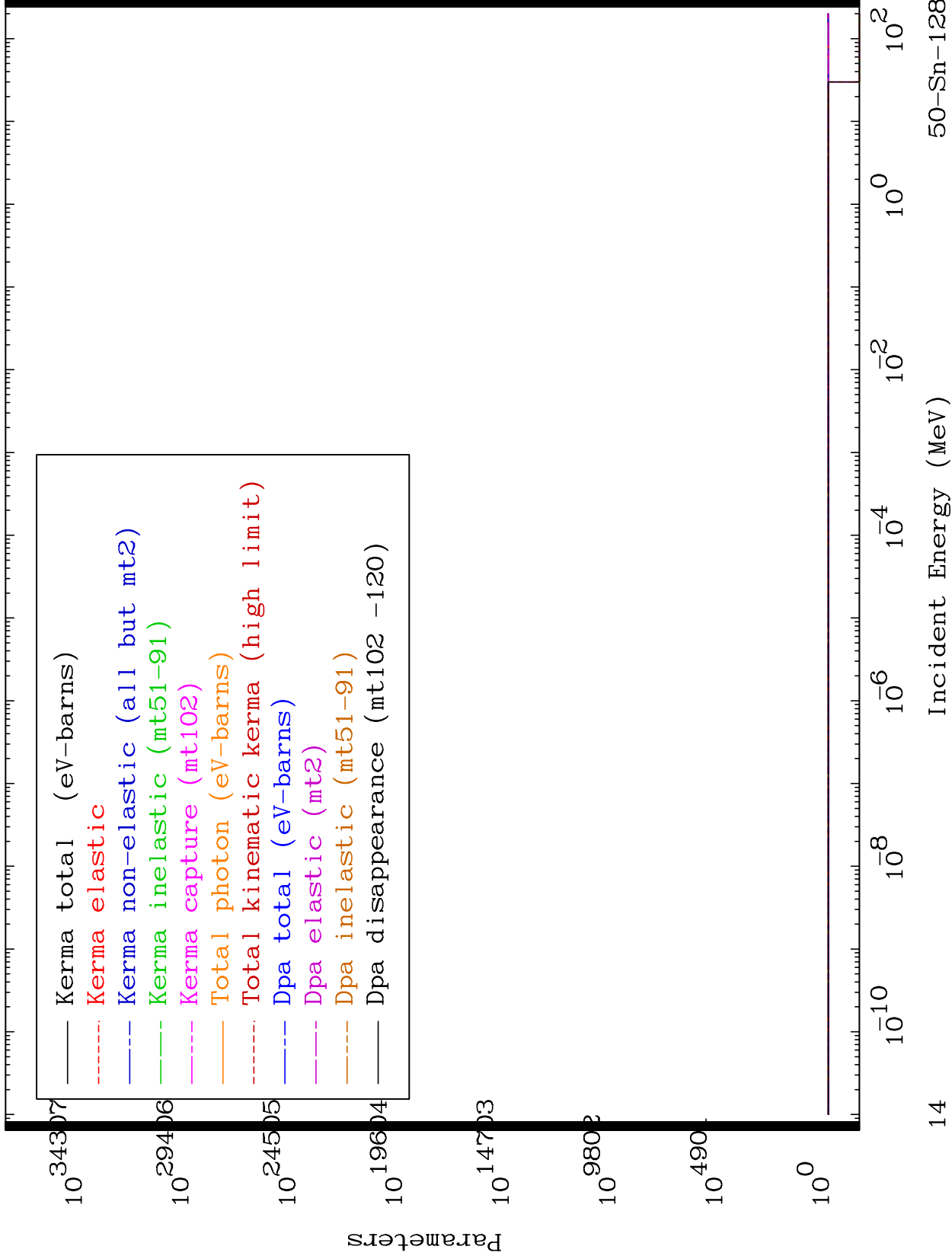
50-Sn-128



13

Incident Energy (MeV)

50-Sn-128





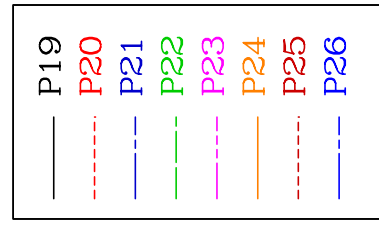




MAT 5074

Elastic  
Legendre Coefficients

50-Sn-128



$\times 10^{-7}$

Legendre (CM)

8

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

50-Sn-128

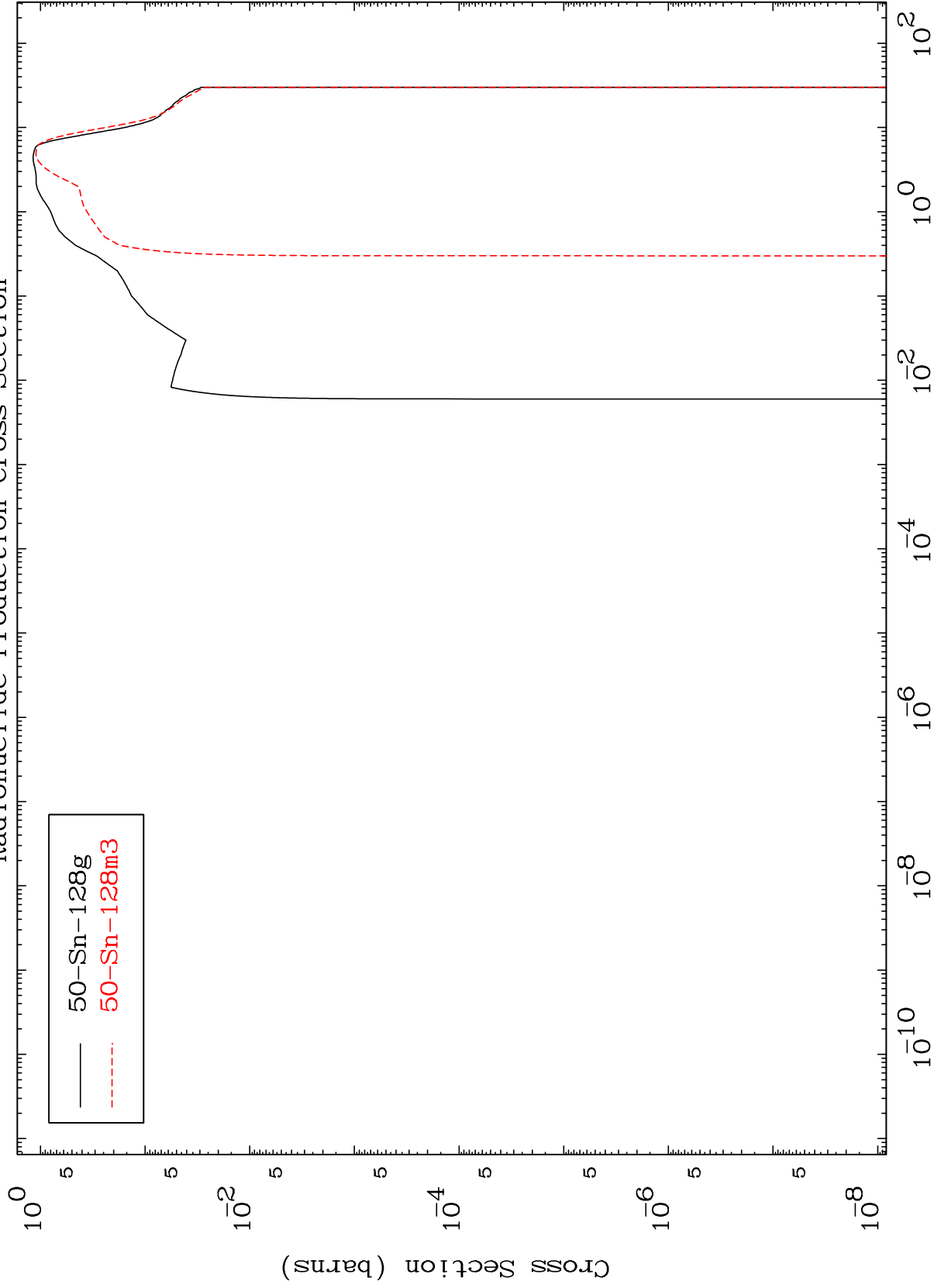


MAT 5074

Inelastic

50-Sn-128

Radionuclide Production Cross Section



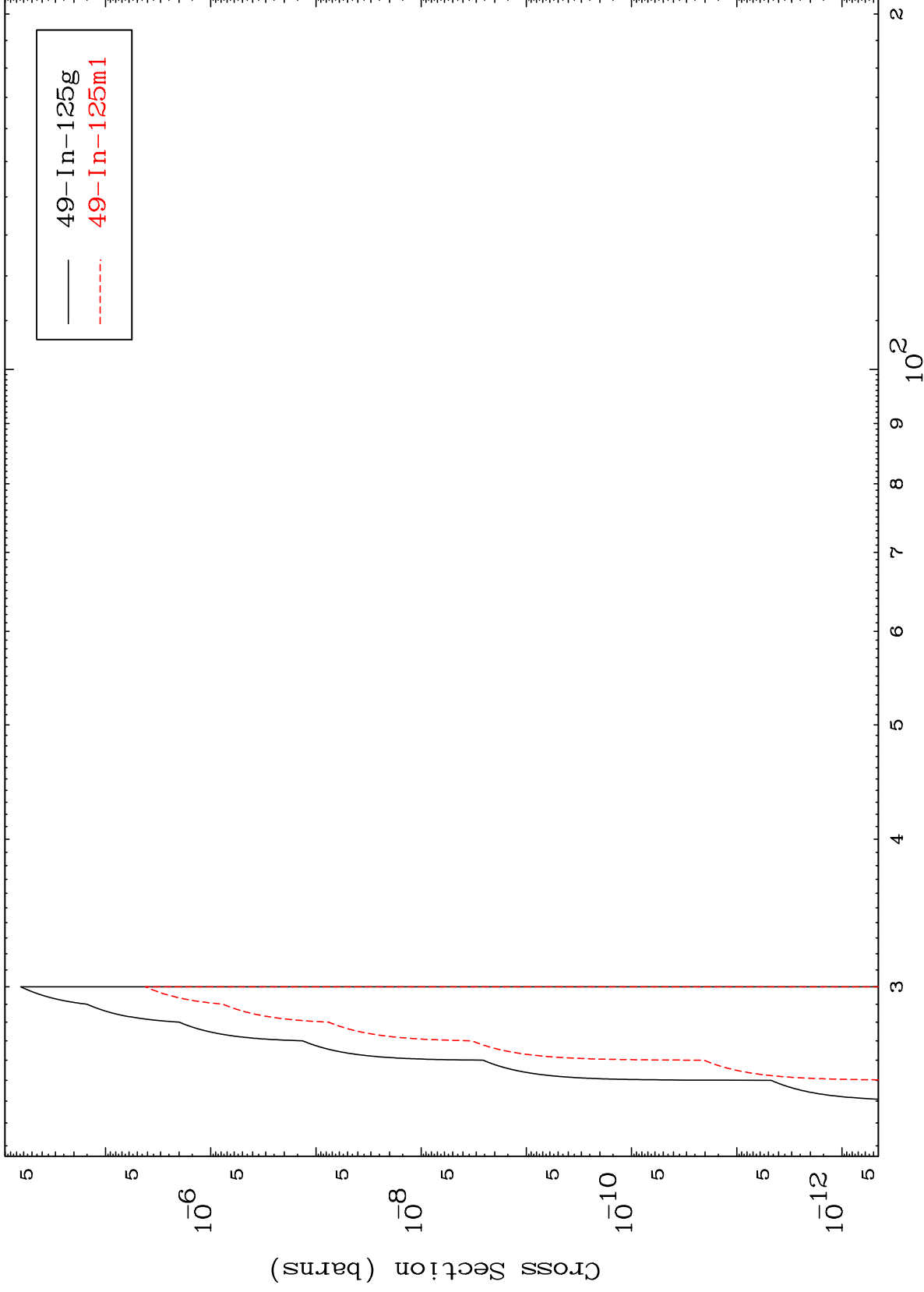
50-Sn-128g  
50-Sn-128m3

MAT 5074

(n,2n) d

50-Sn-128

Radionuclide Production Cross Section



19

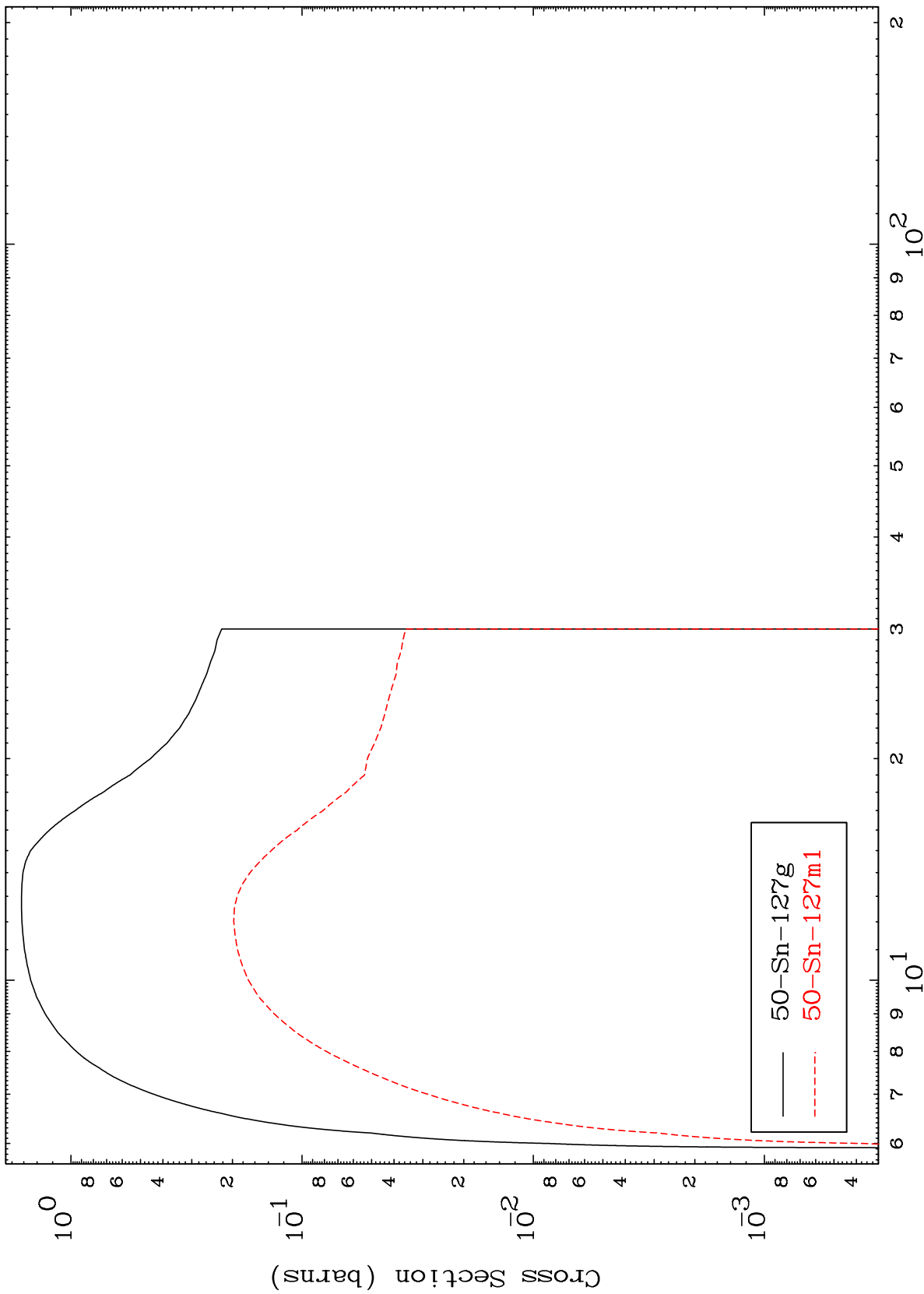
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

(n,2n)  
Radionuclide Production Cross Section



50-Sn-128

Incident Energy (MeV)

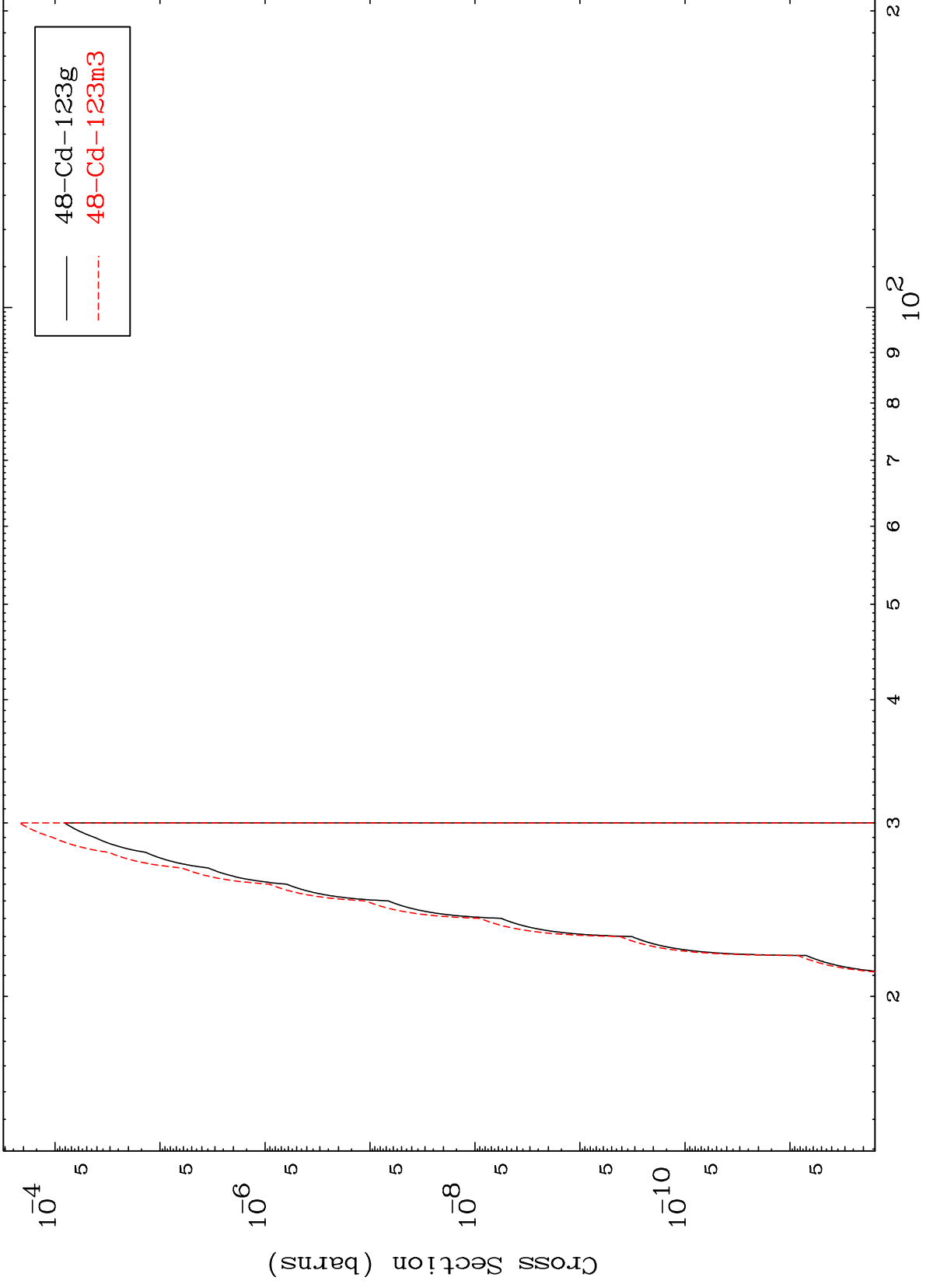
20

MAT 5074

(n,2n)  $\alpha$

50-Sn-128

Radionuclide Production Cross Section

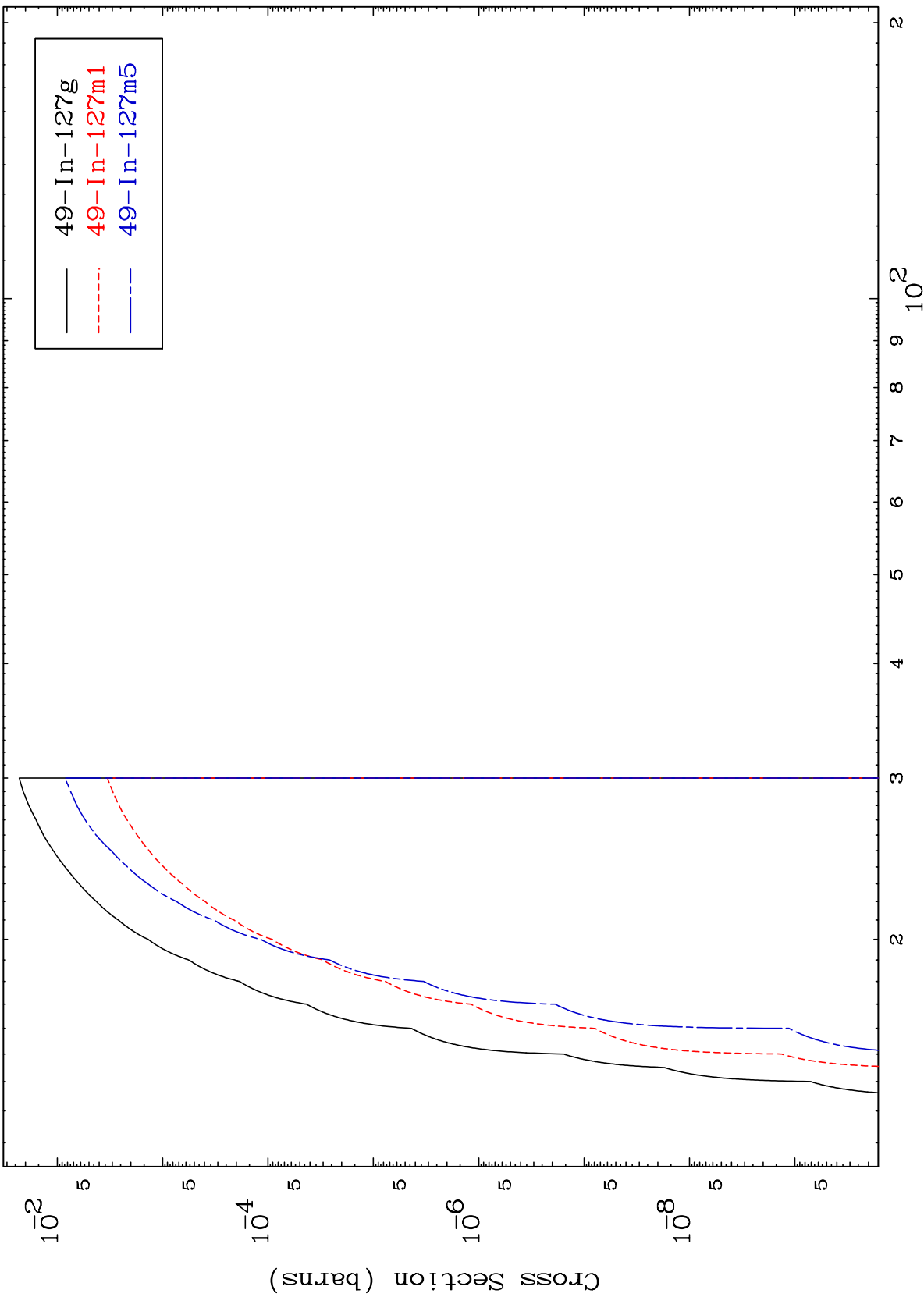


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Incident Energy (MeV)

50-Sn-128

Radionuclide Production Cross Section

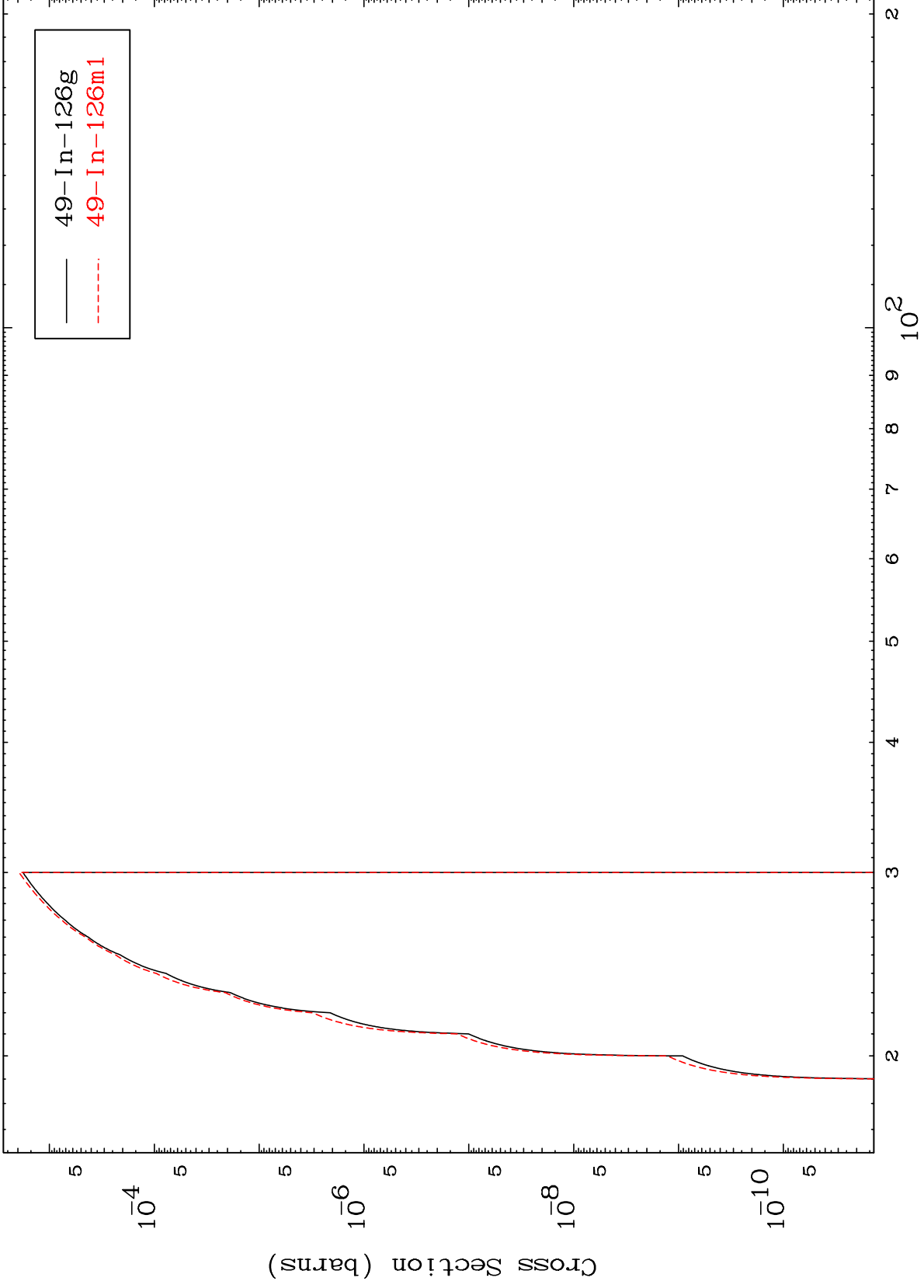


MAT 5074

(n,n') d

50-Sn-128

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-128

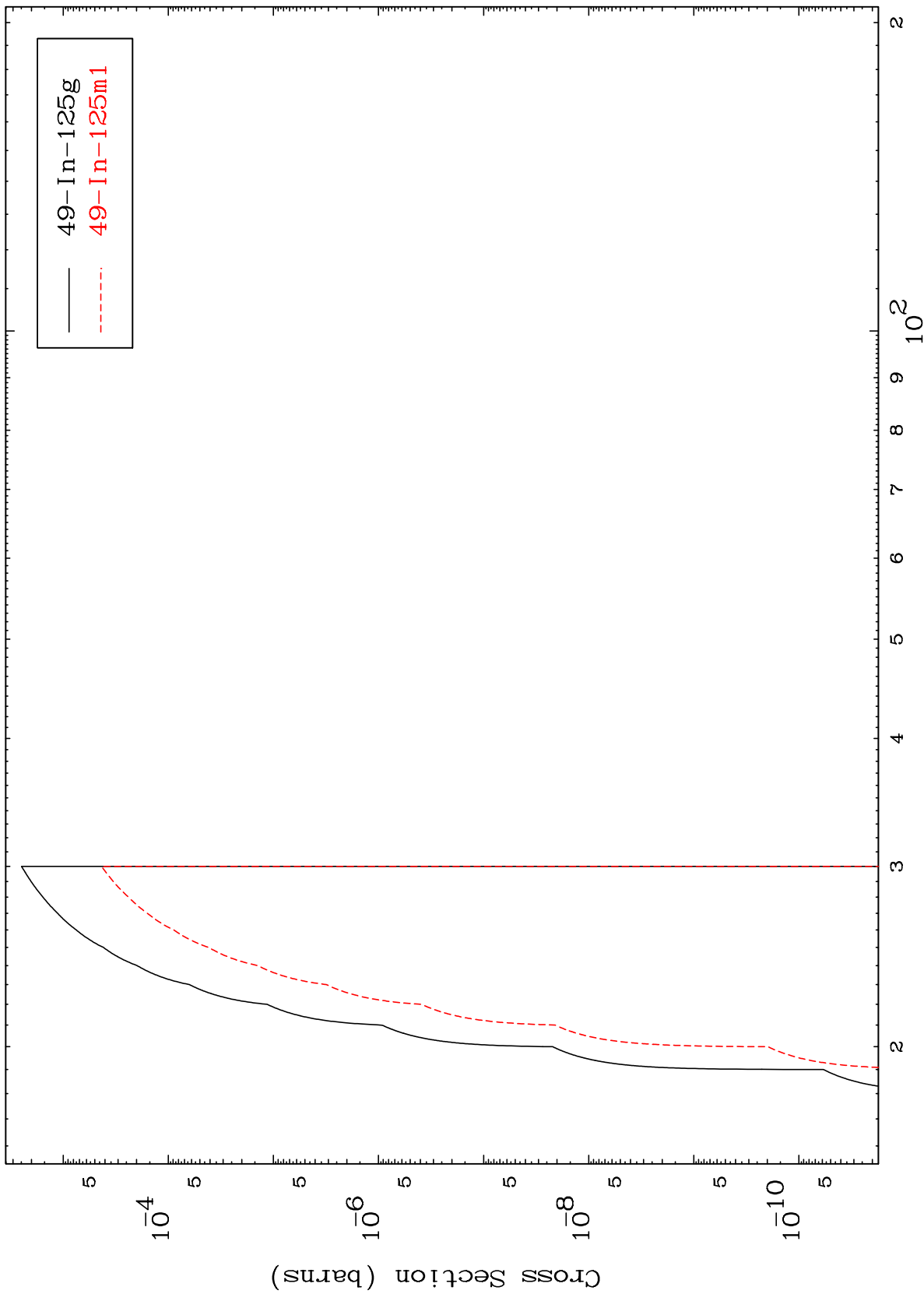


MAT 5074

(n,n') t

50-Sn-128

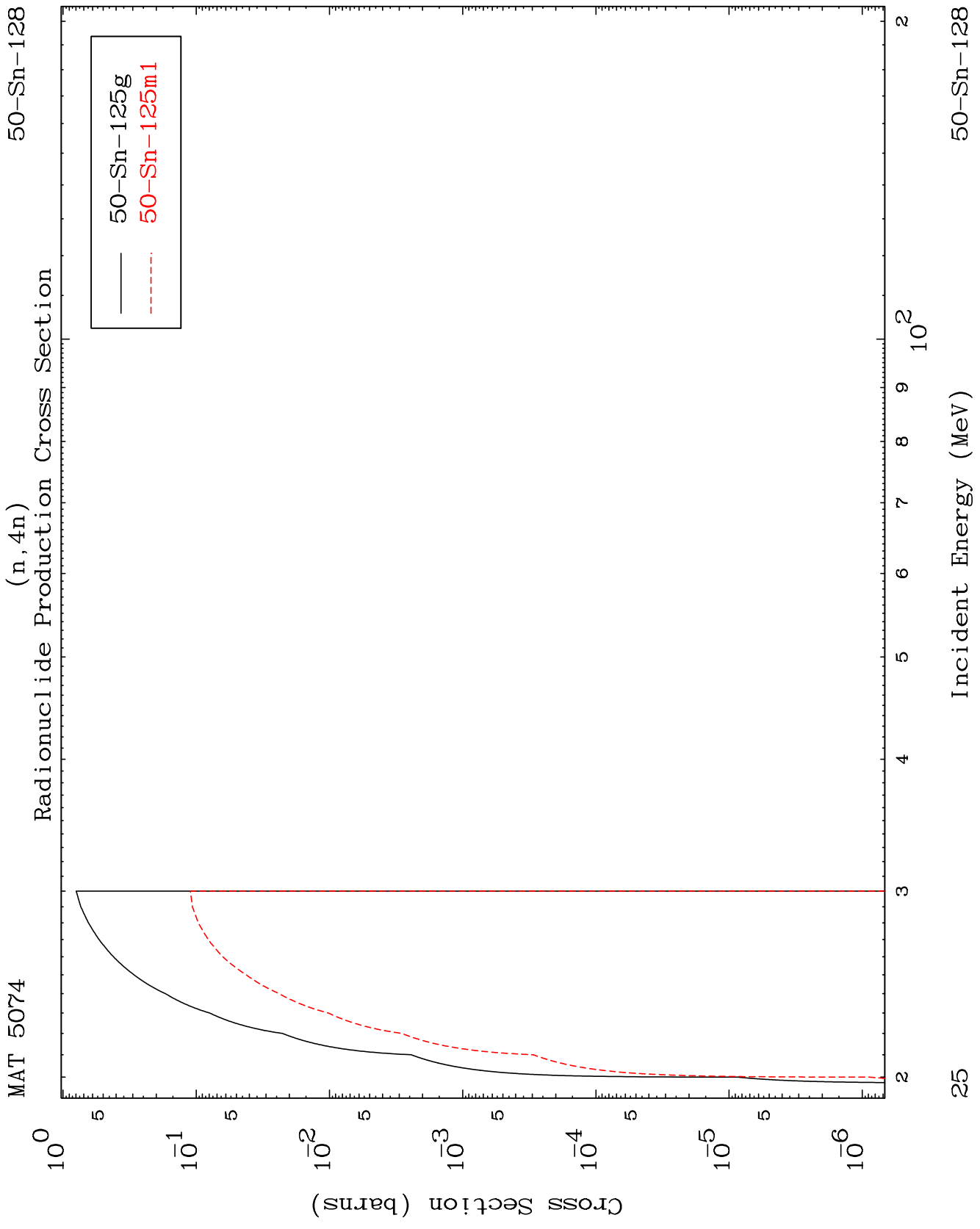
Radionuclide Production Cross Section



24

Incident Energy (MeV)

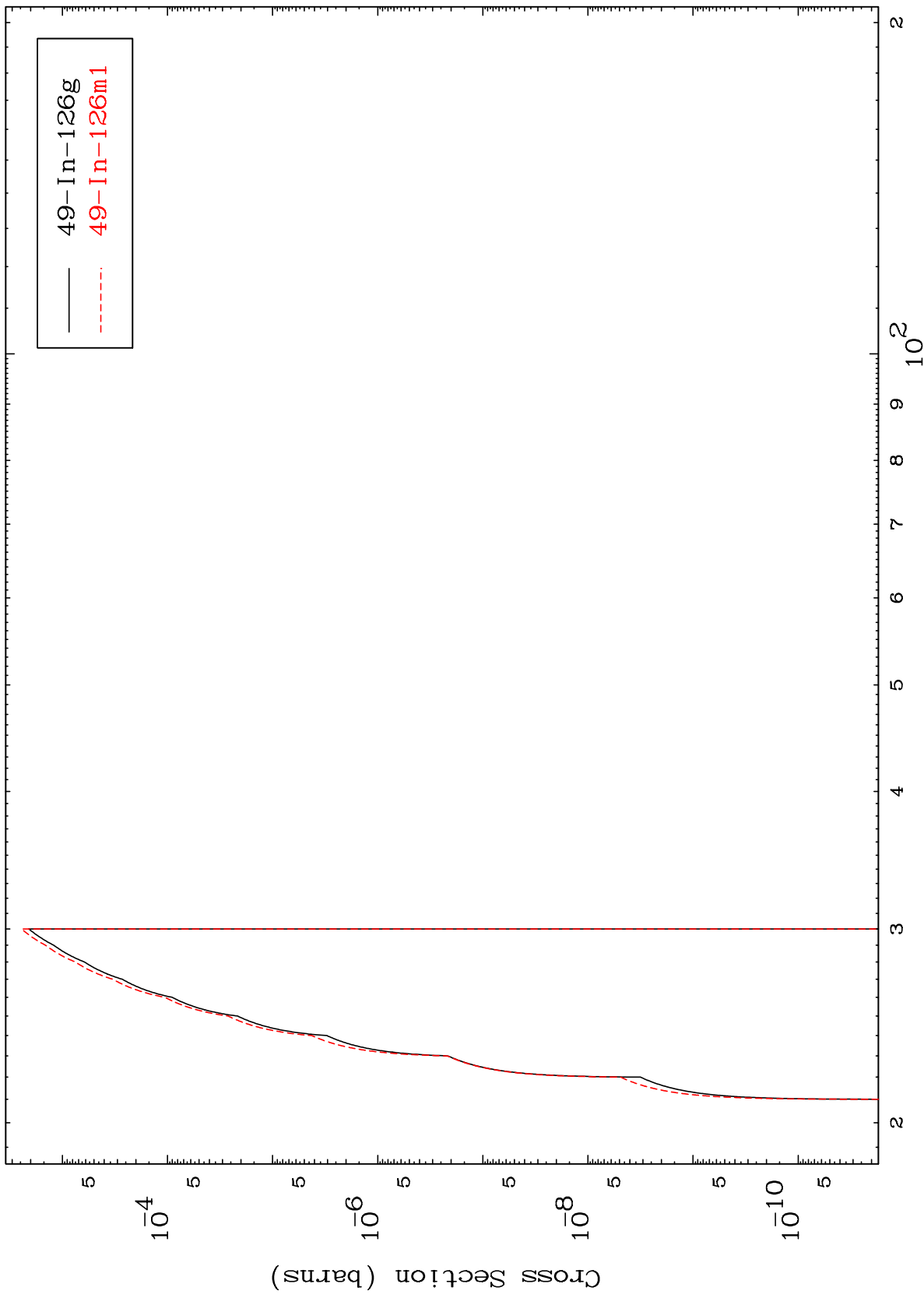
50-Sn-128



MAT 5074

50-Sn-128

(n,2n) p  
Radionuclide Production Cross Section



26

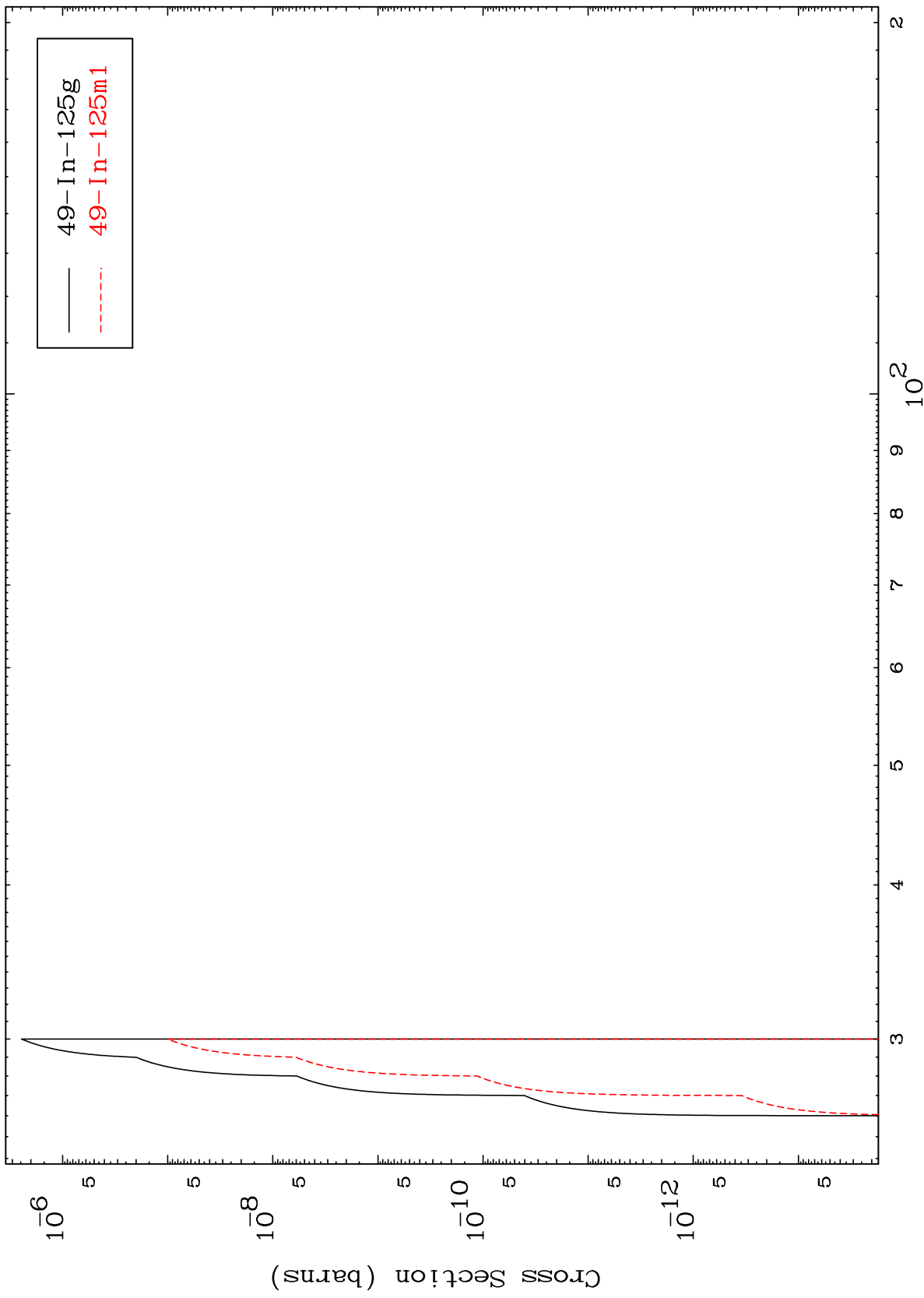
50-Sn-128

Incident Energy (MeV)

MAT 5074

50-Sn-128

(n,3n) p  
Radionuclide Production Cross Section



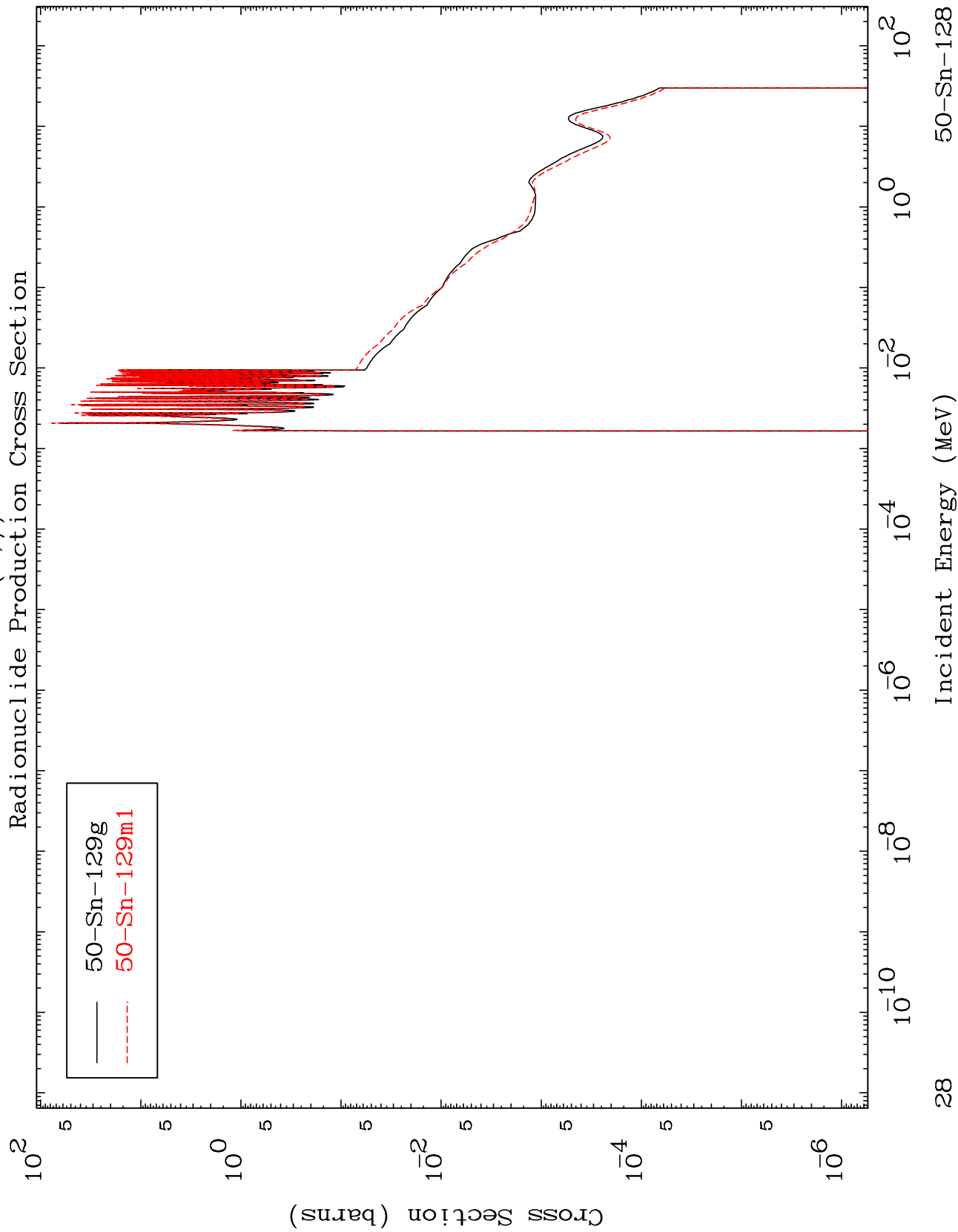
27

50-Sn-128

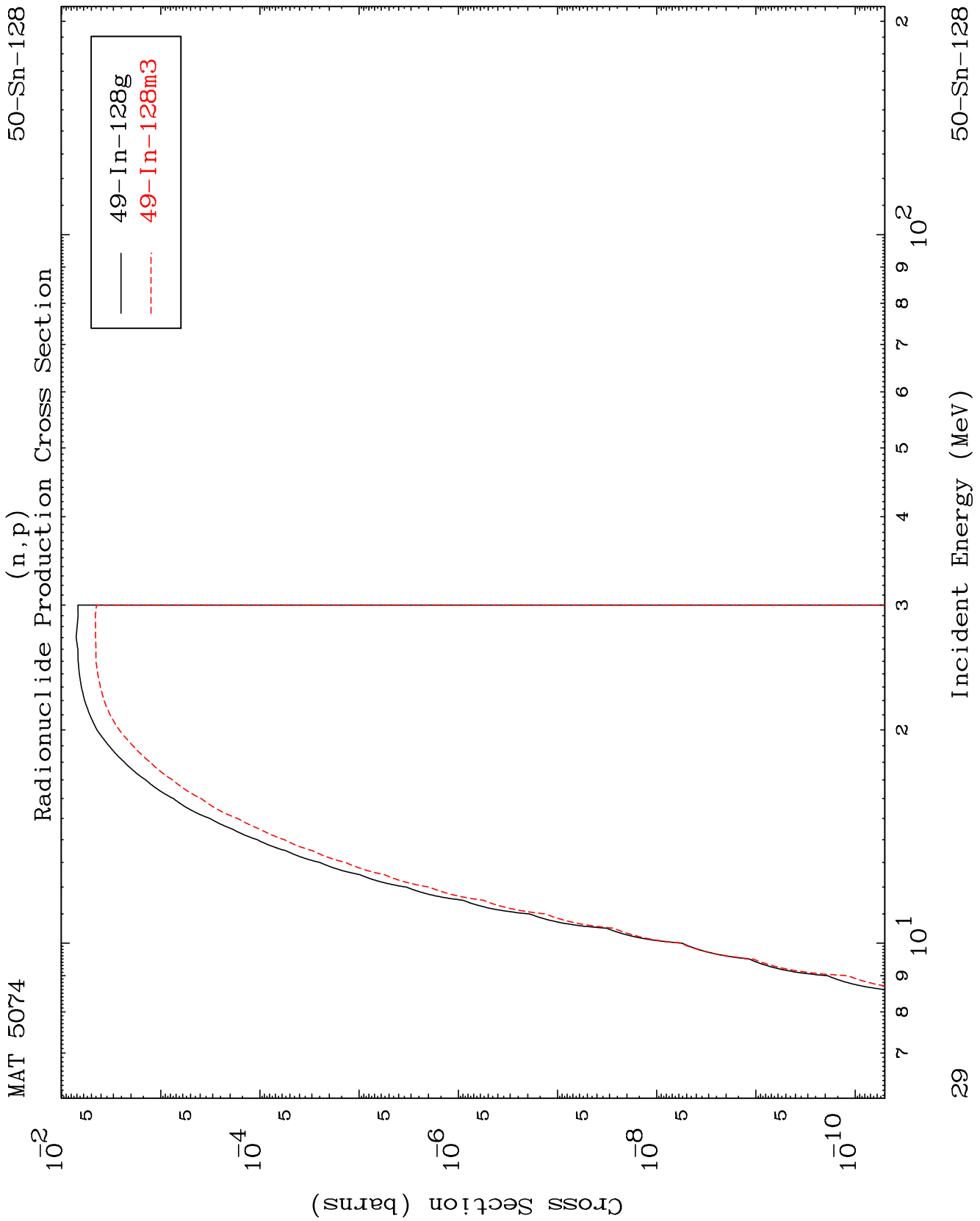
Incident Energy (MeV)

MAT 5074

50-Sn-128



50-Sn-129g  
50-Sn-129m1

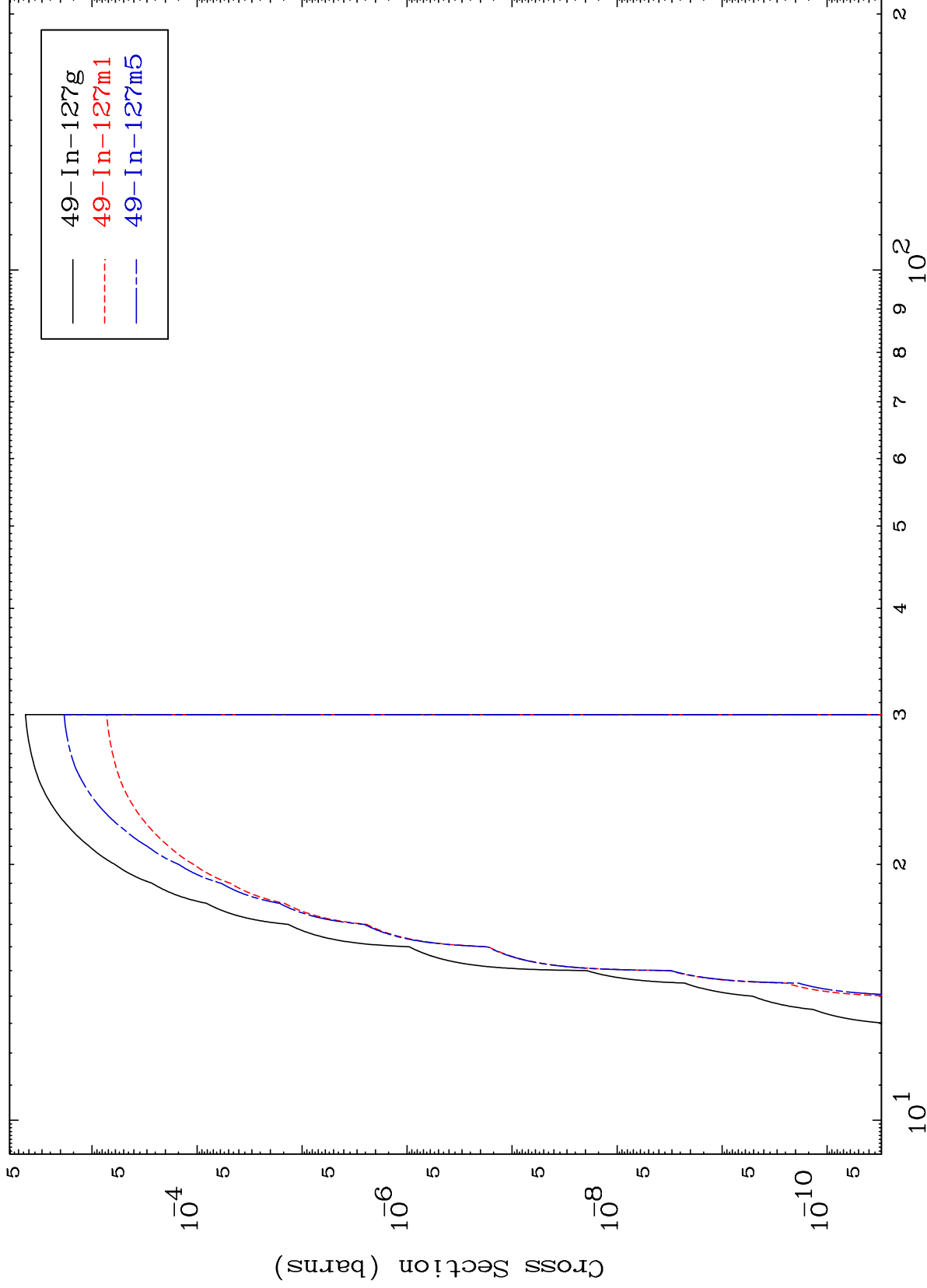


MAT 5074

(n,d)

50-Sn-128

Radionuclide Production Cross Section



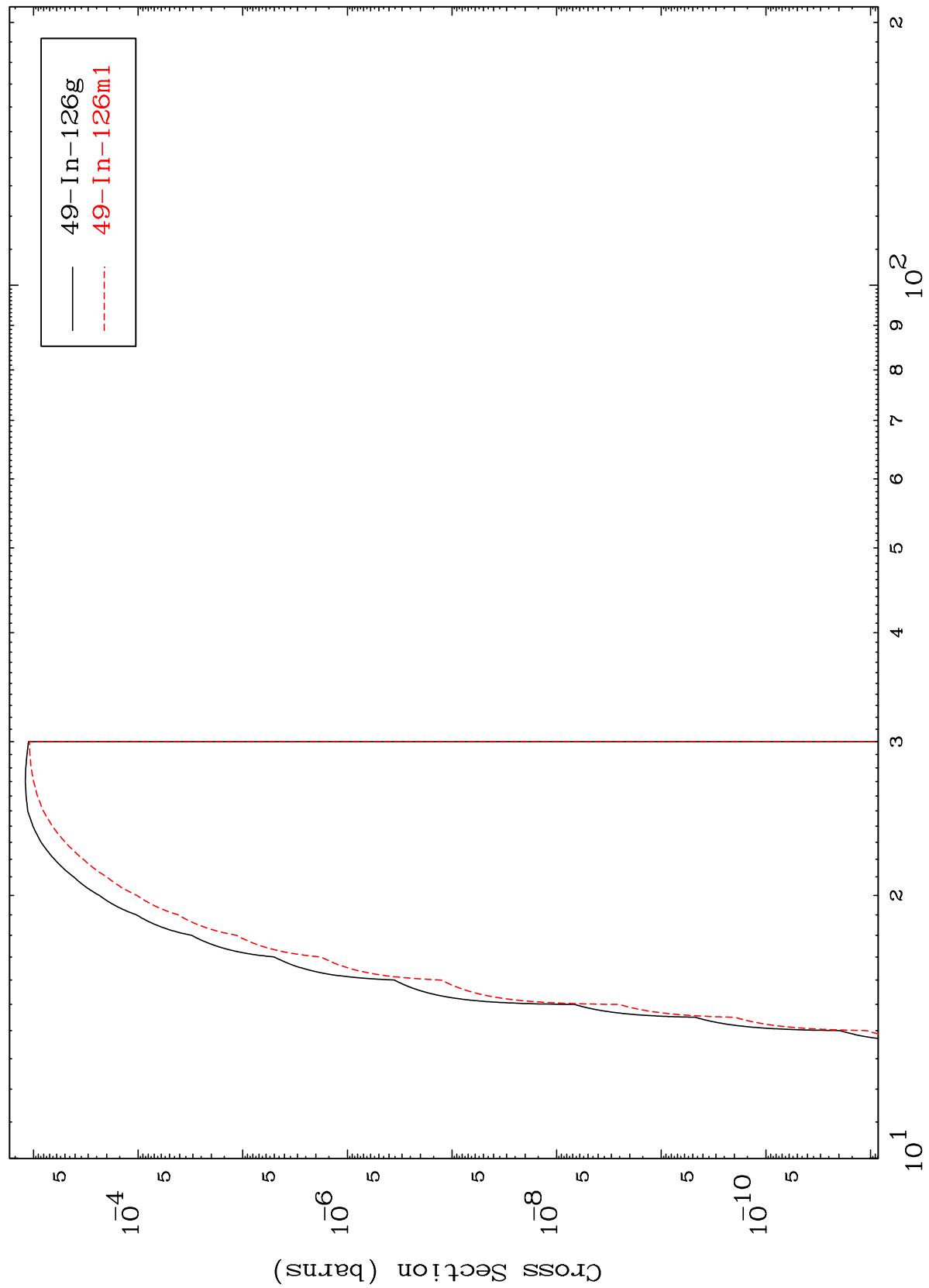
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

(n,t)  
Radionuclide Production Cross Section



50-Sn-128

Incident Energy (MeV)

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