

Program EVALPLOT
(Version 2018-1)

by

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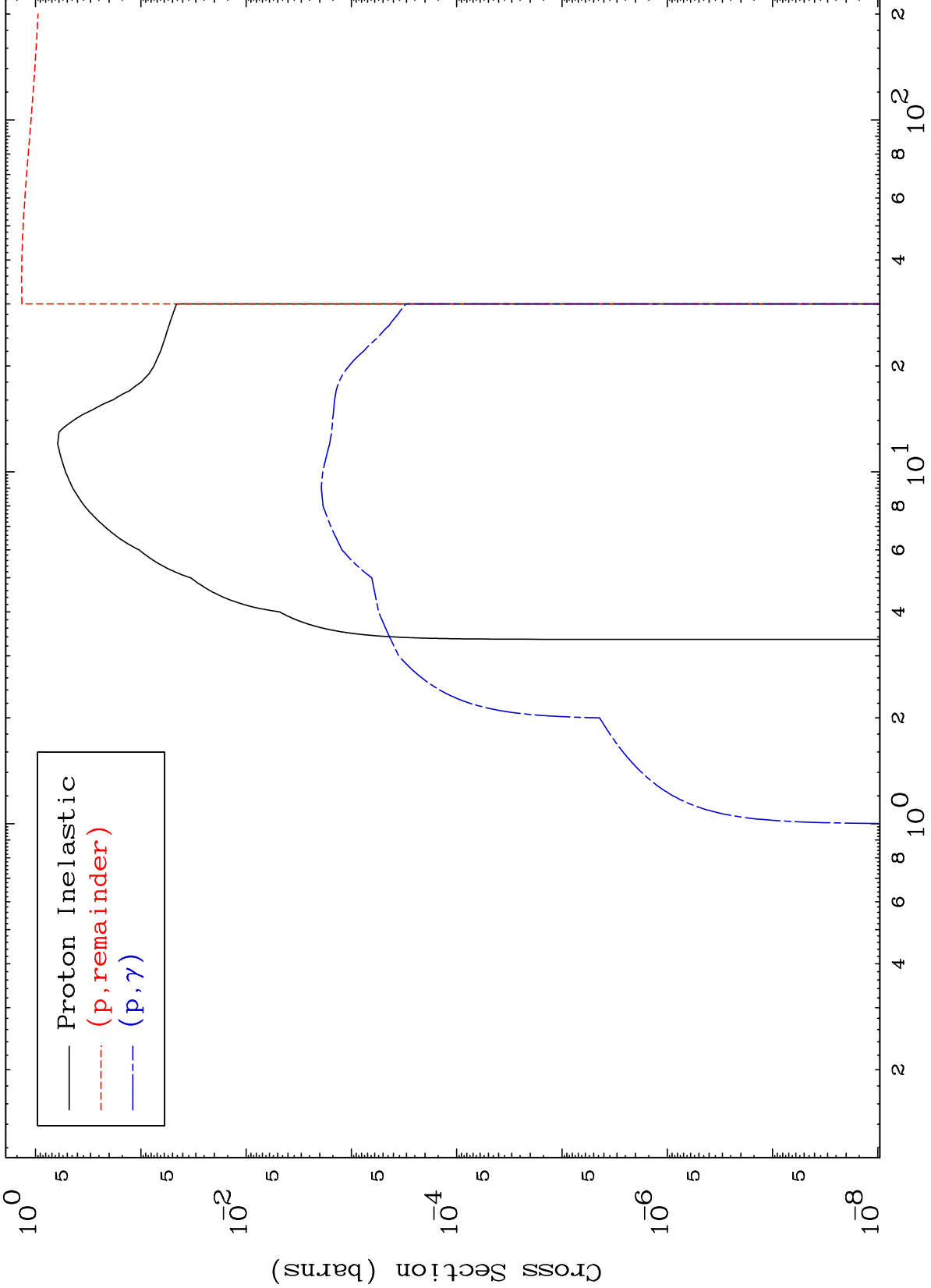
Press Mouse Button to Start

MAT 4314

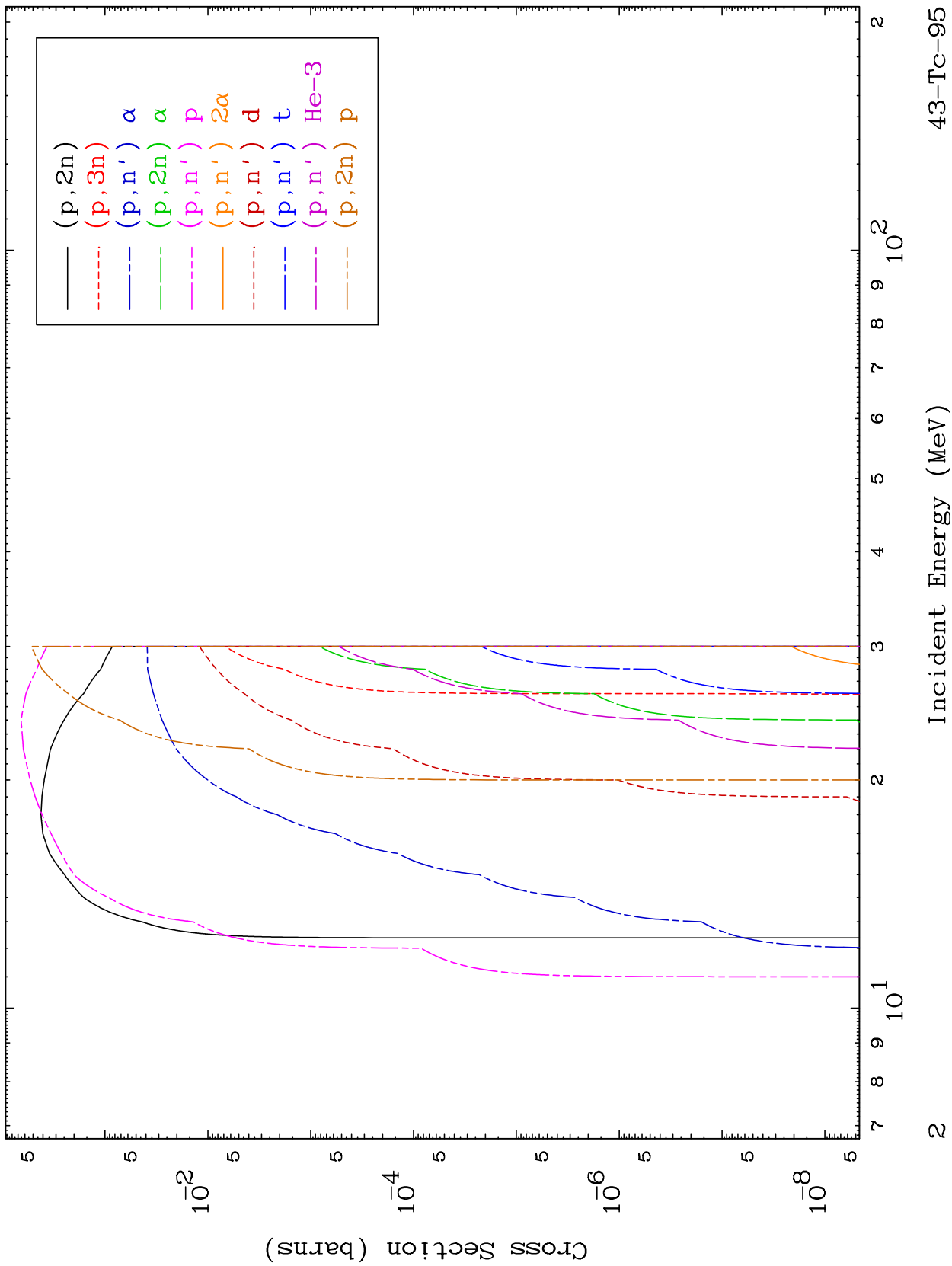
Proton Major

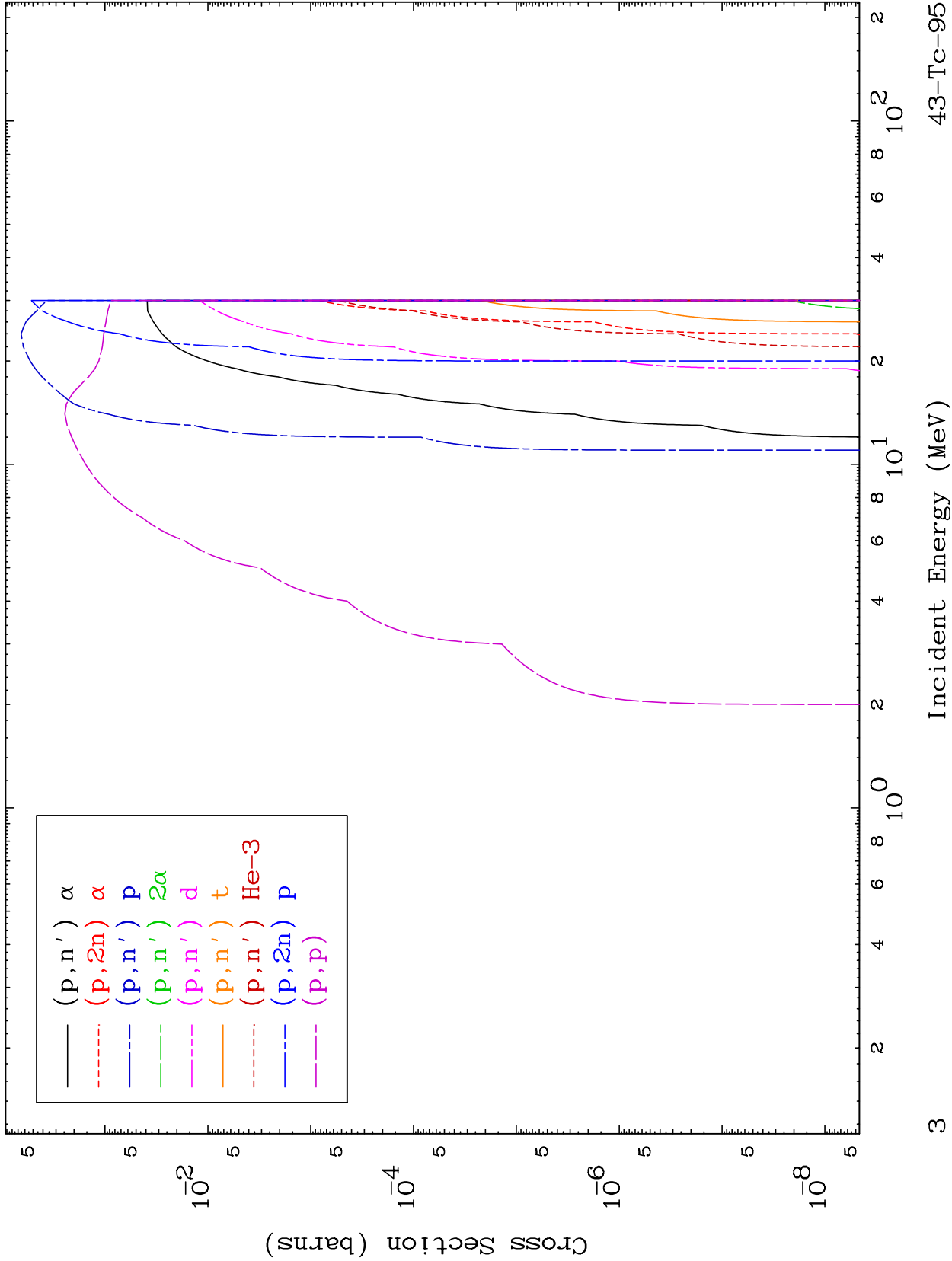
43-Tc-95

0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

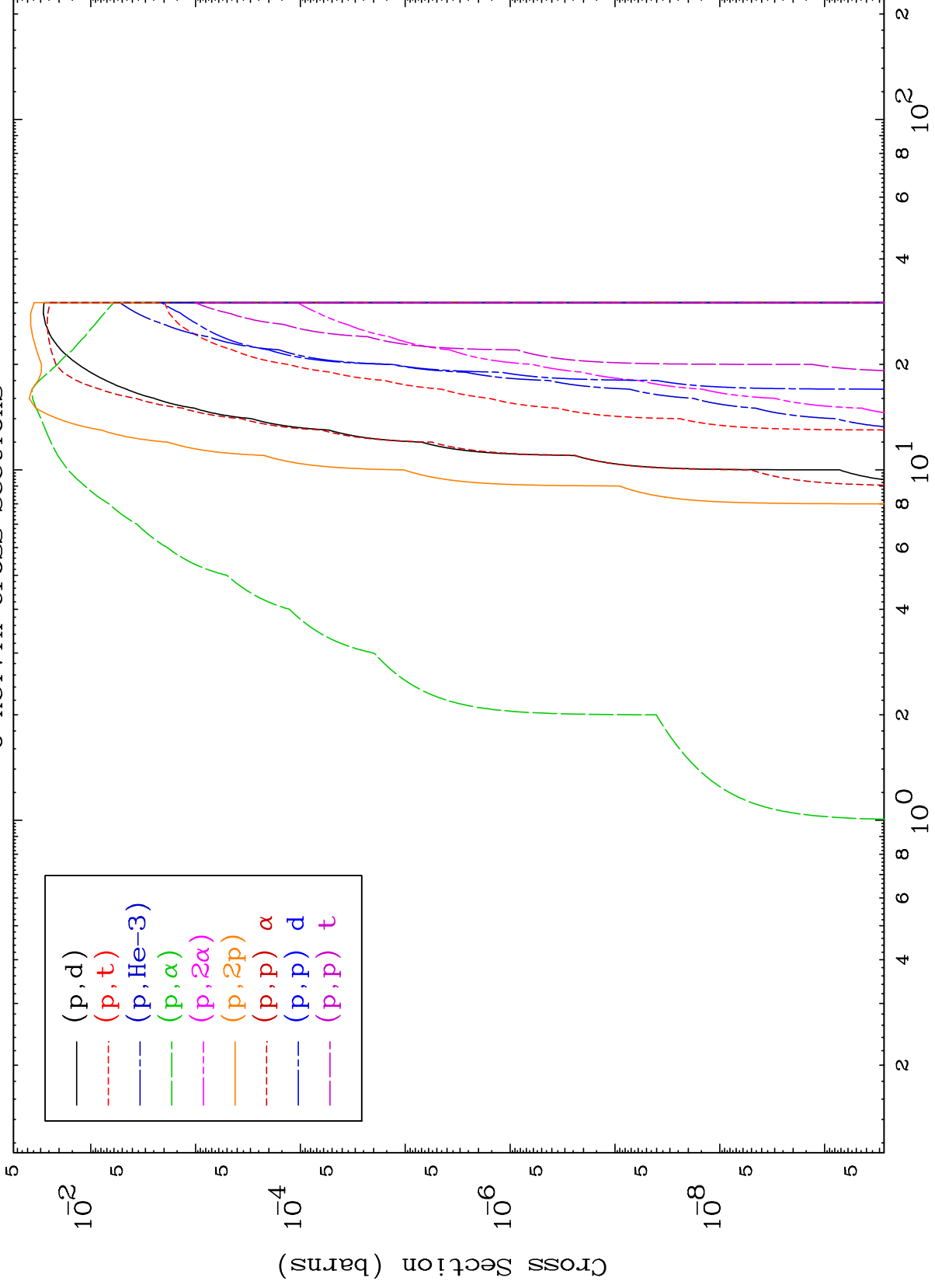




MAT 4314

Proton Charged Particle
0 Kelvin Cross Sections

43-Tc-95

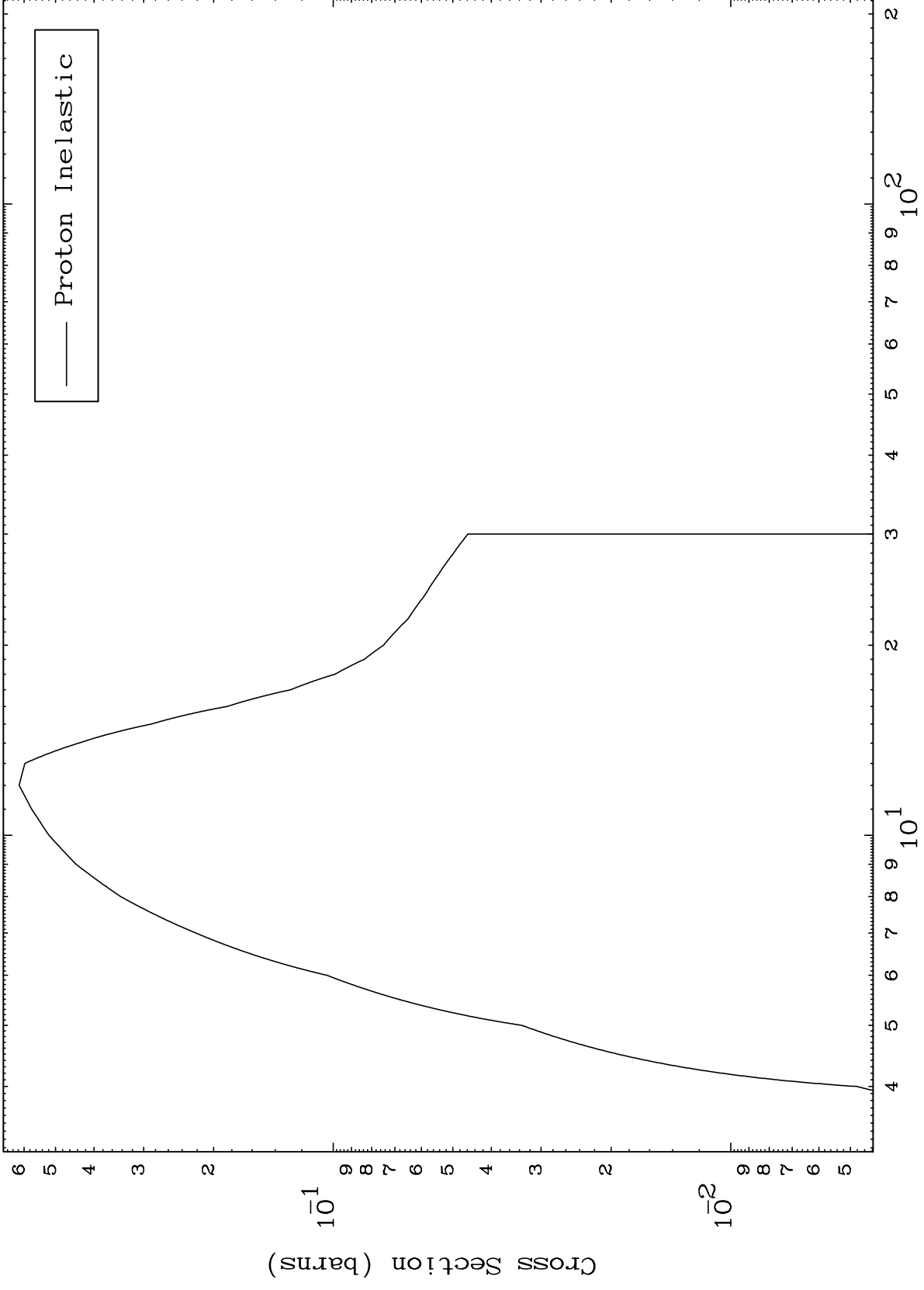


MAT 4314

(p,n') Level

43-Tc-95

0 Kelvin Cross Sections



Proton Inelastic

5

Incident Energy (MeV)

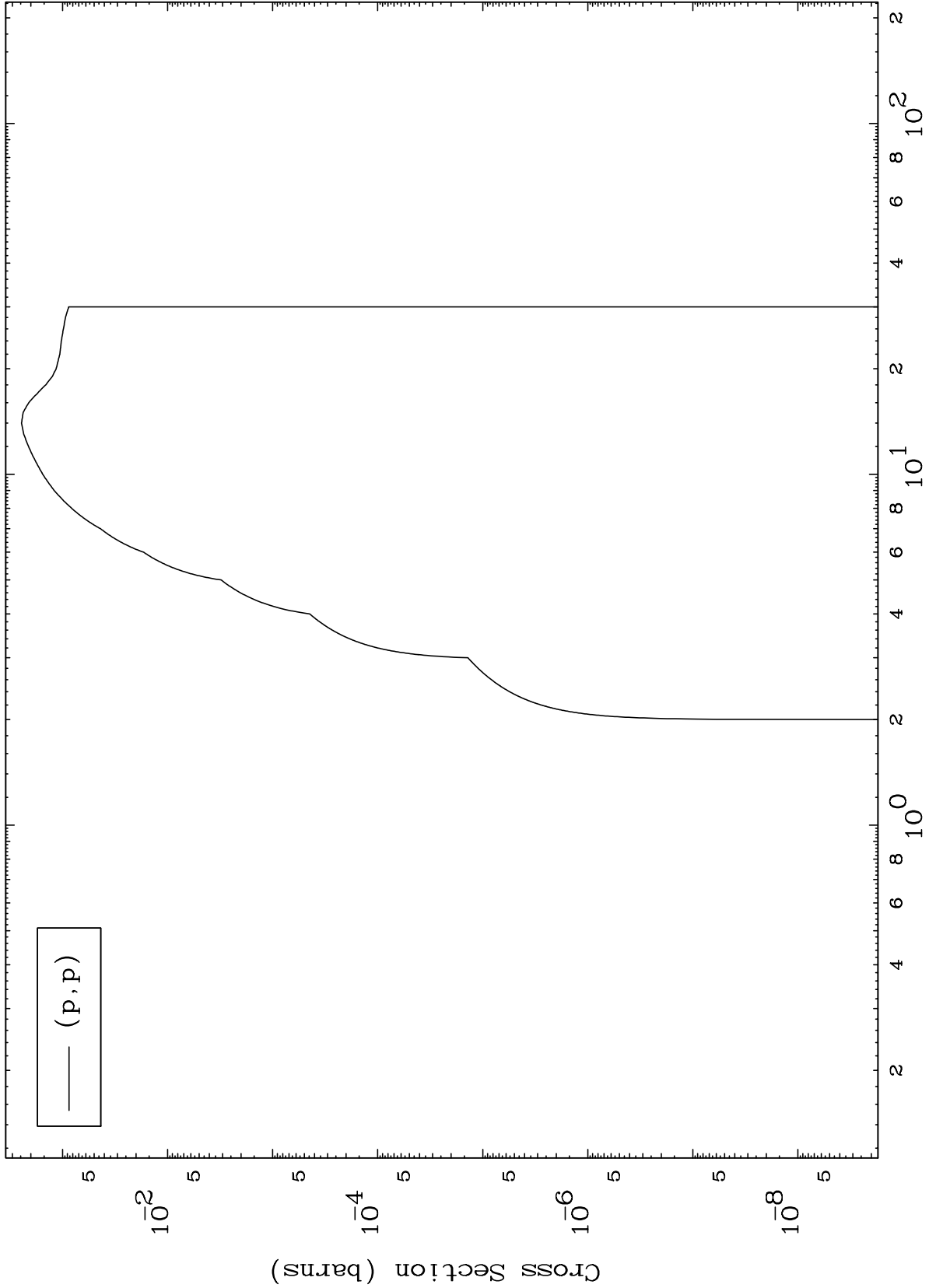
43-Tc-95

MAT 4314

(p,p) Levels

43-Tc-95

0 Kelvin Cross Sections



6

Incident Energy (MeV)

43-Tc-95

MAT 4314

(p,d) Levels

43-Tc-95

0 Kelvin Cross Sections

— (p,d)

10^{-2}

5

5

10^{-4}

5

10^{-6}

5

10^{-8}

5

5

8

9

10

2

3

4

5

6

7

8

9

10

2

Cross Section (barns)

Incident Energy (MeV)

7

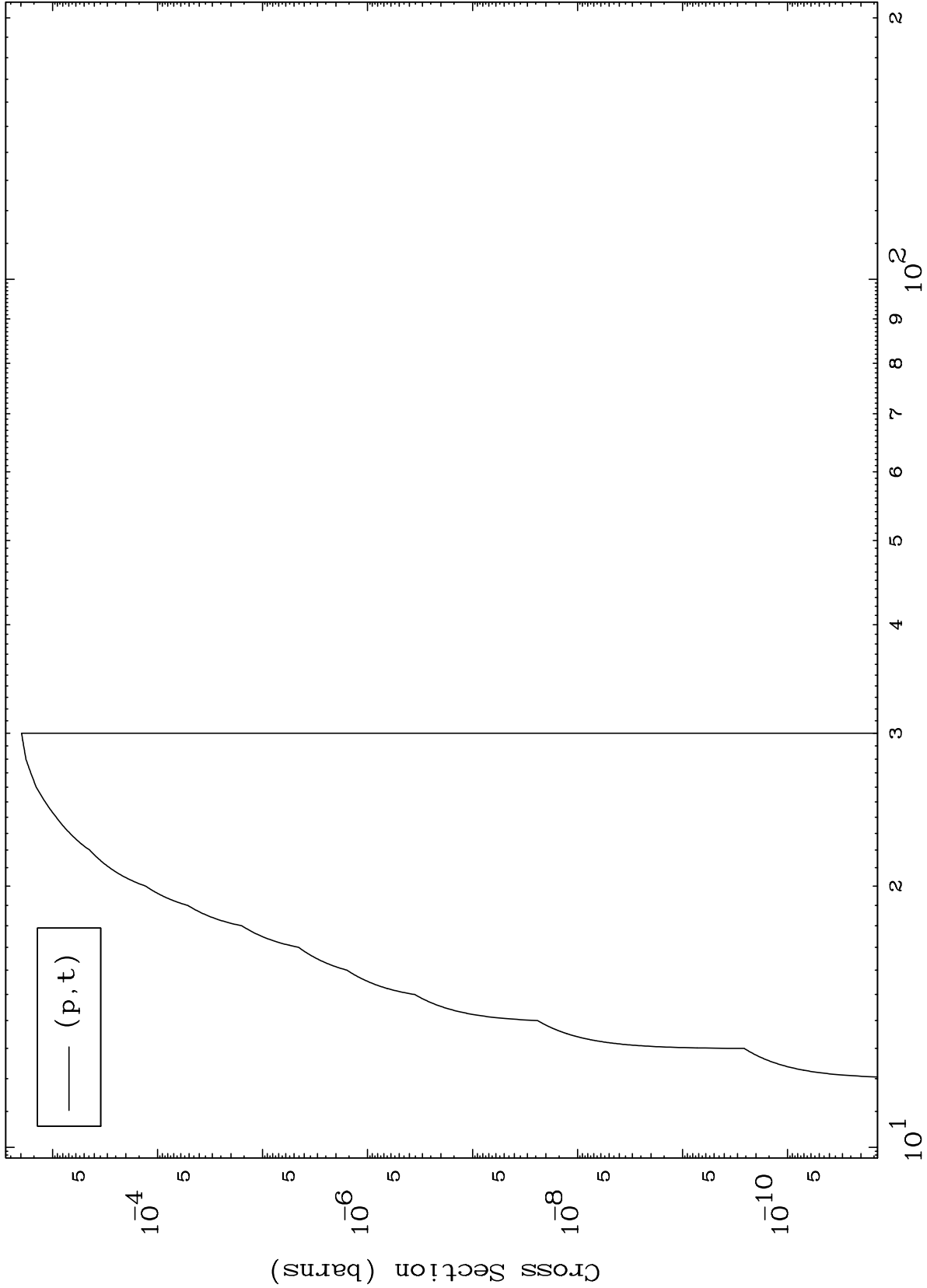
43-Tc-95

MAT 4314

(p,t) Levels

43-Tc-95

0 Kelvin Cross Sections



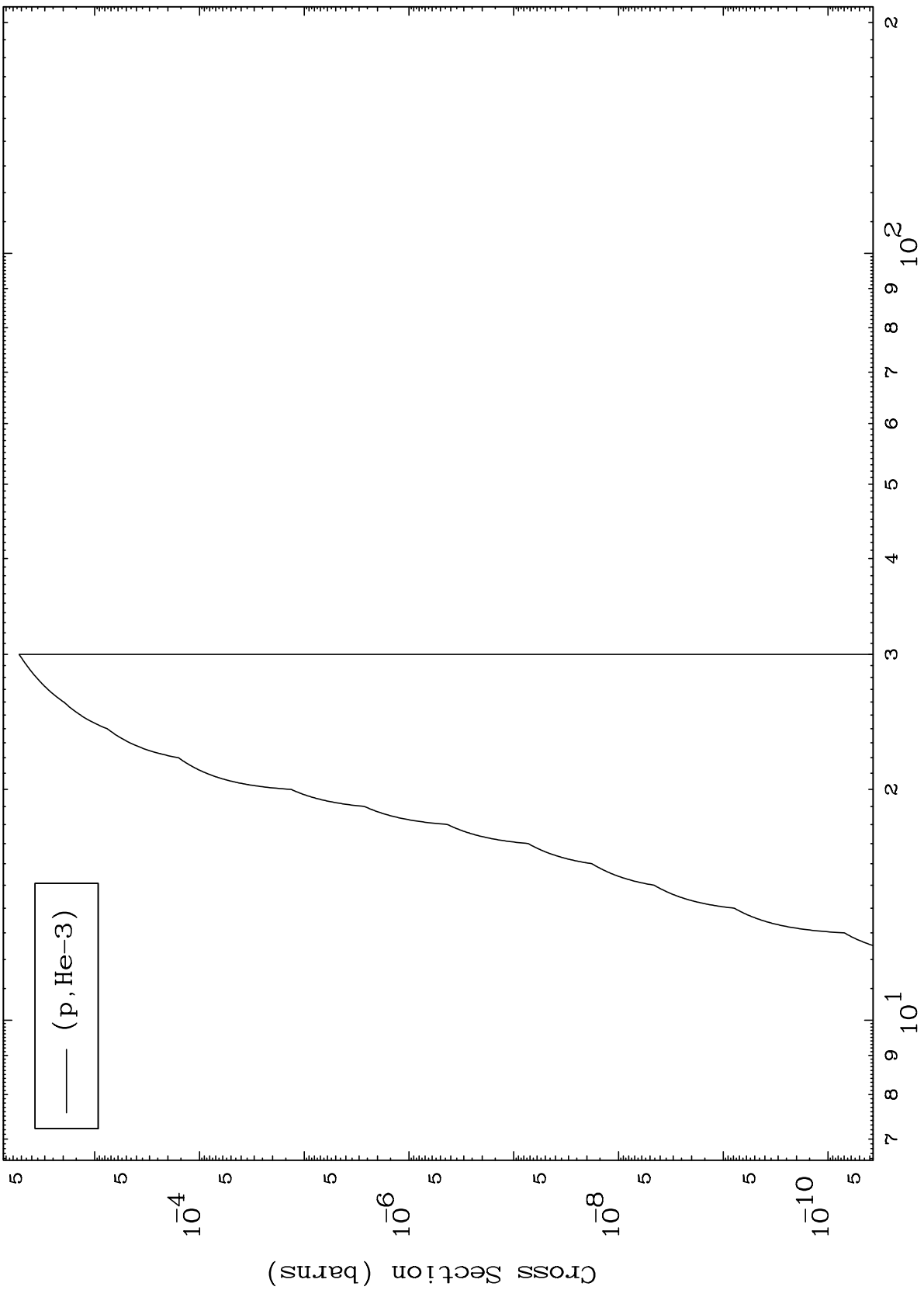
Incident Energy (MeV)

43-Tc-95

MAT 4314

43-Tc-95

(p,He3) Levels
0 Kelvin Cross Sections



9

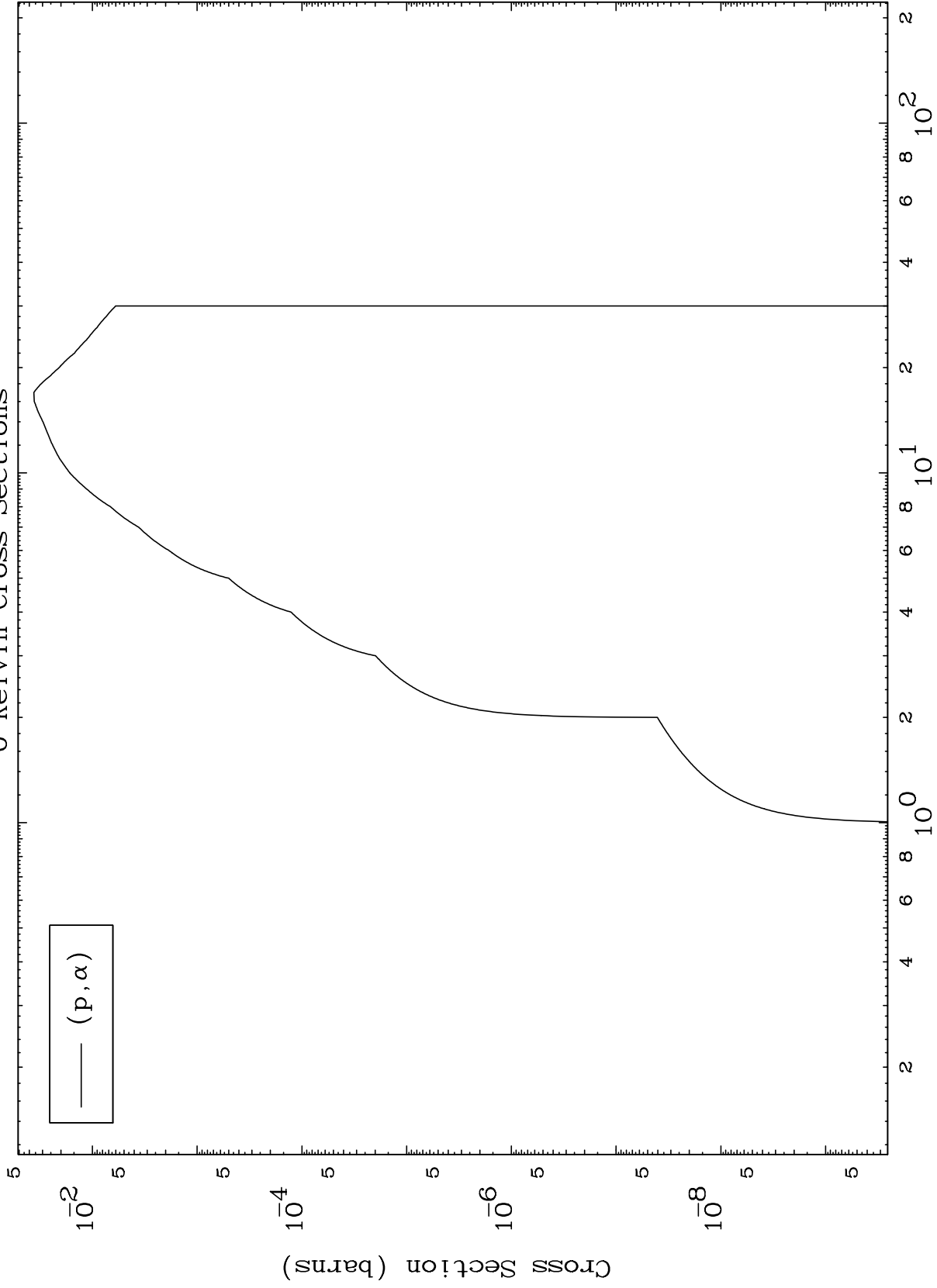
Incident Energy (MeV)

43-Tc-95

MAT 4314

43-Tc-95

(p, α) Levels
0 Kelvin Cross Sections



10

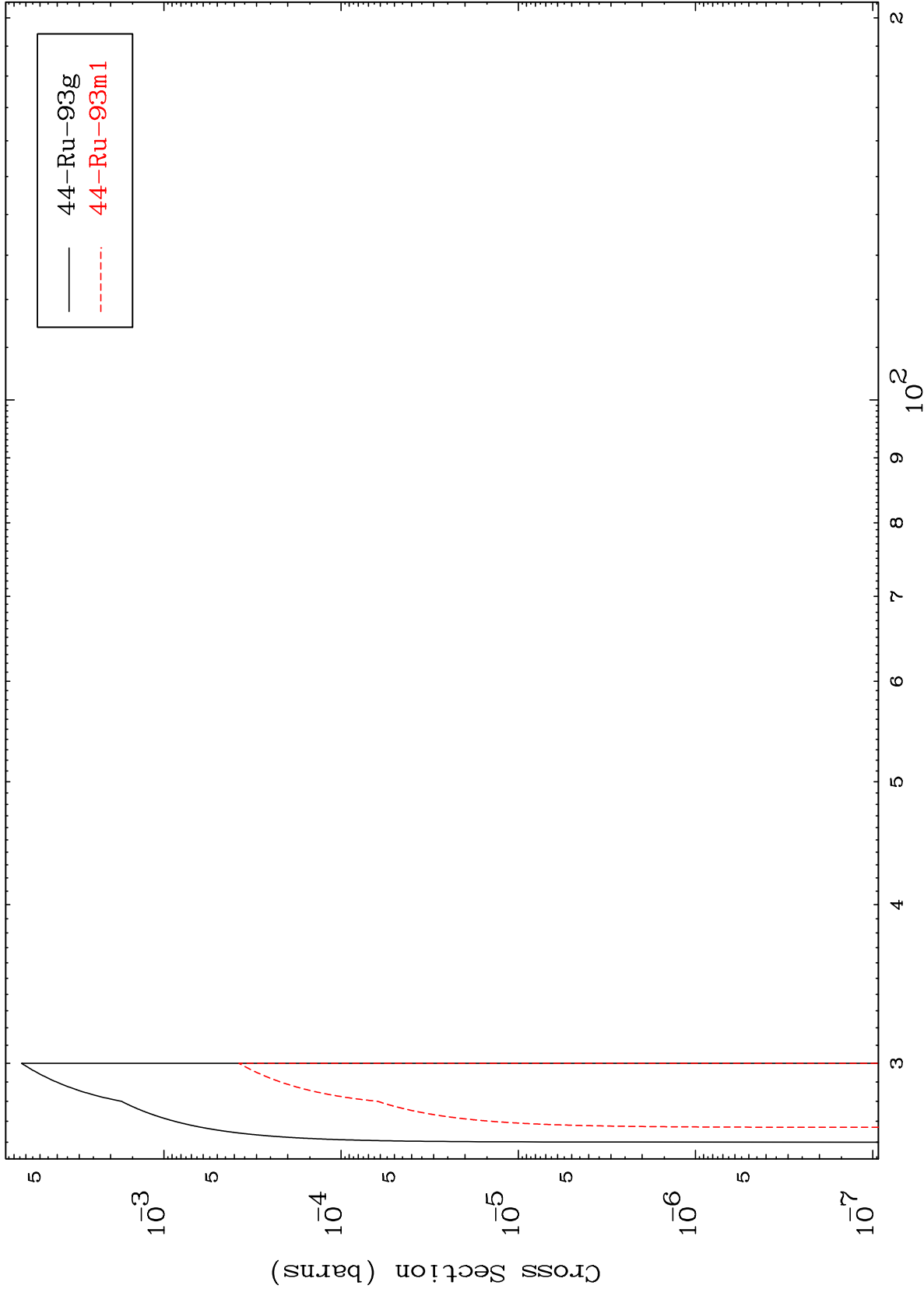
Incident Energy (MeV)

43-Tc-95

MAT 4314

43-Tc-95

(p,3n)
Radionuclide Production Cross Section



43-Tc-95

Incident Energy (MeV)

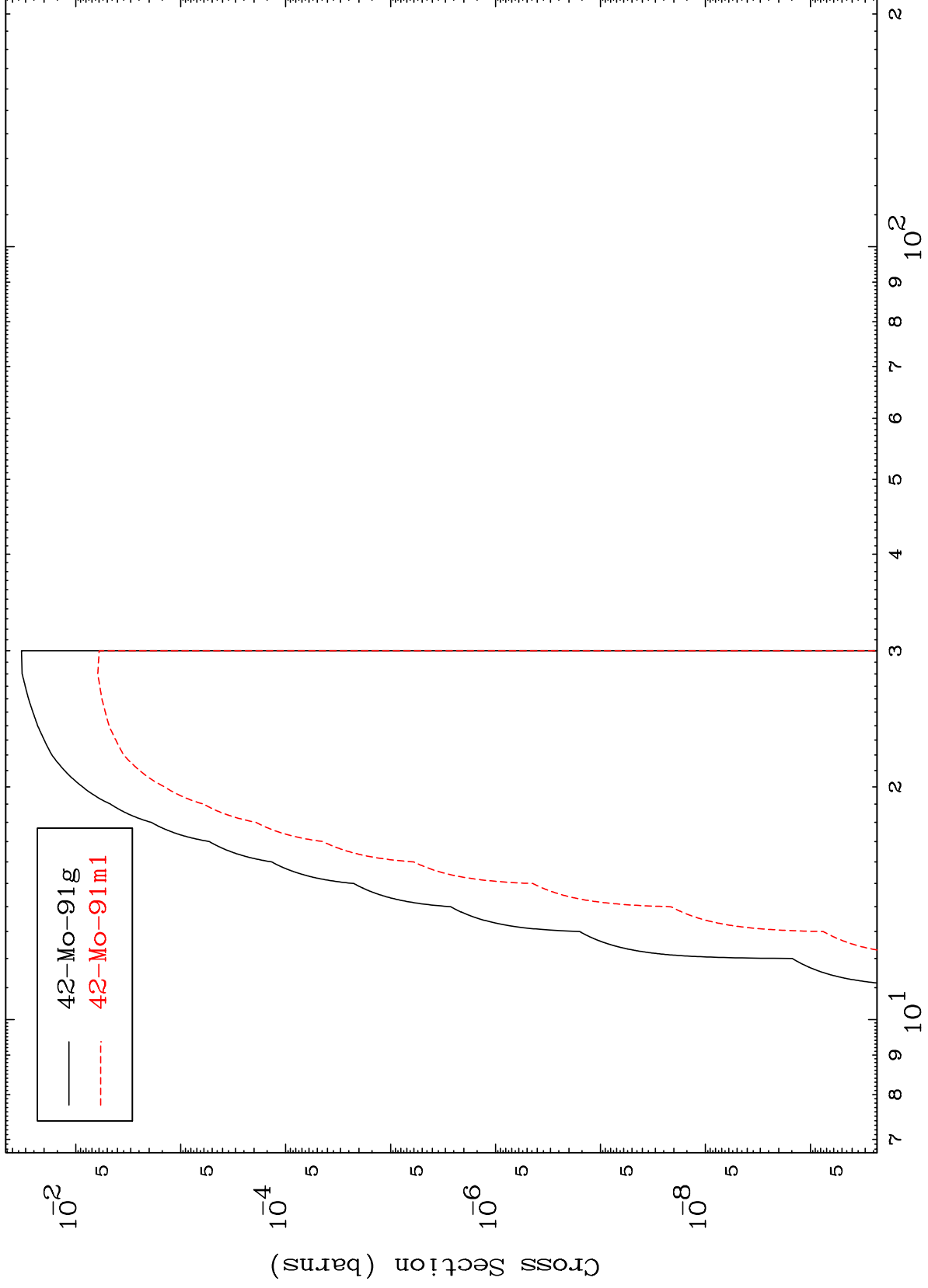
11

MAT 4314

(p,n') α

43-Tc-95

Radionuclide Production Cross Section



12

Incident Energy (MeV)

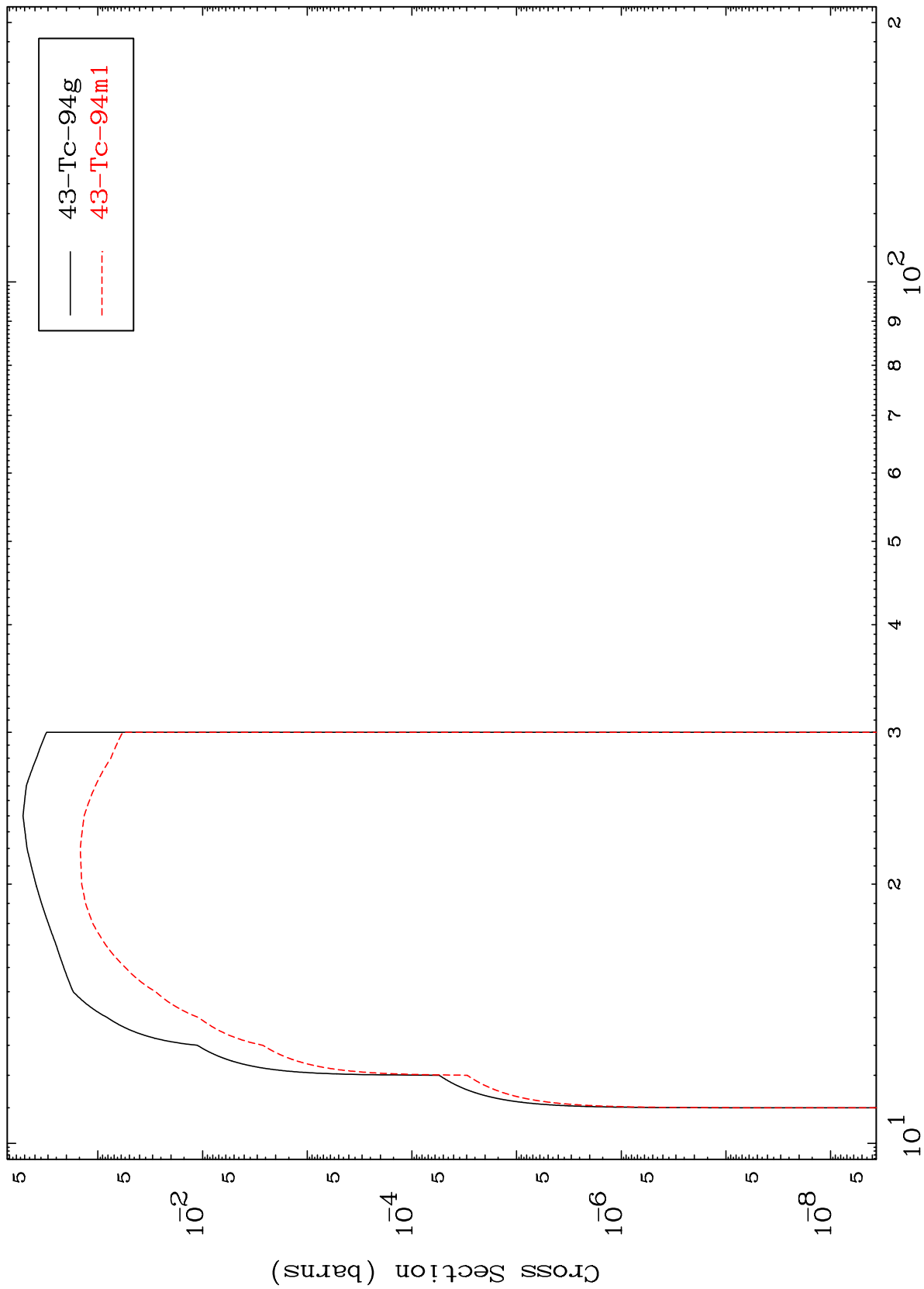
43-Tc-95

MAT 4314

(p,n') p

43-Tc-95

Radionuclide Production Cross Section



Incident Energy (MeV)

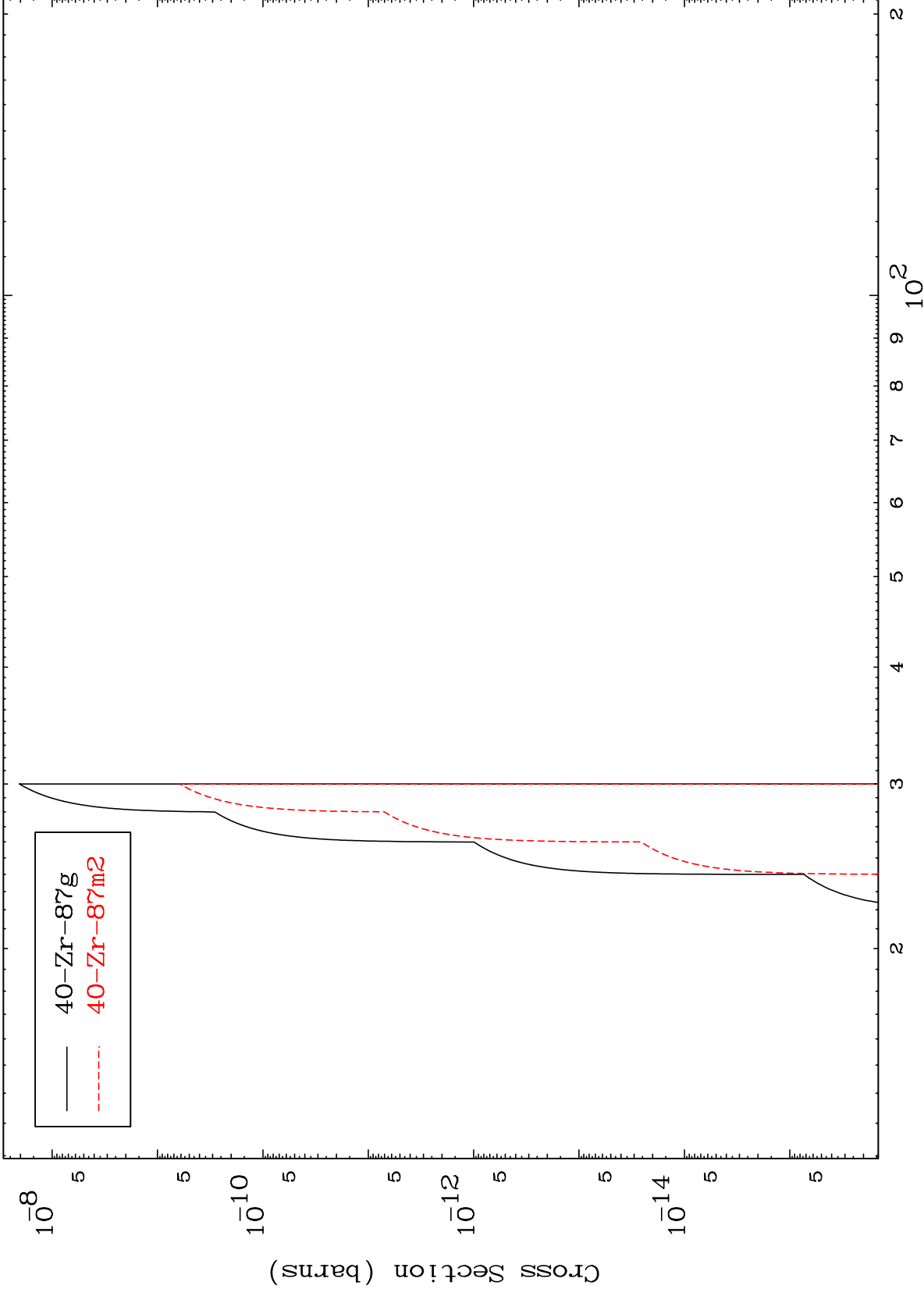
43-Tc-95

MAT 4314

(p,n') 2α

43-Tc-95

Radionuclide Production Cross Section



14

Incident Energy (MeV)

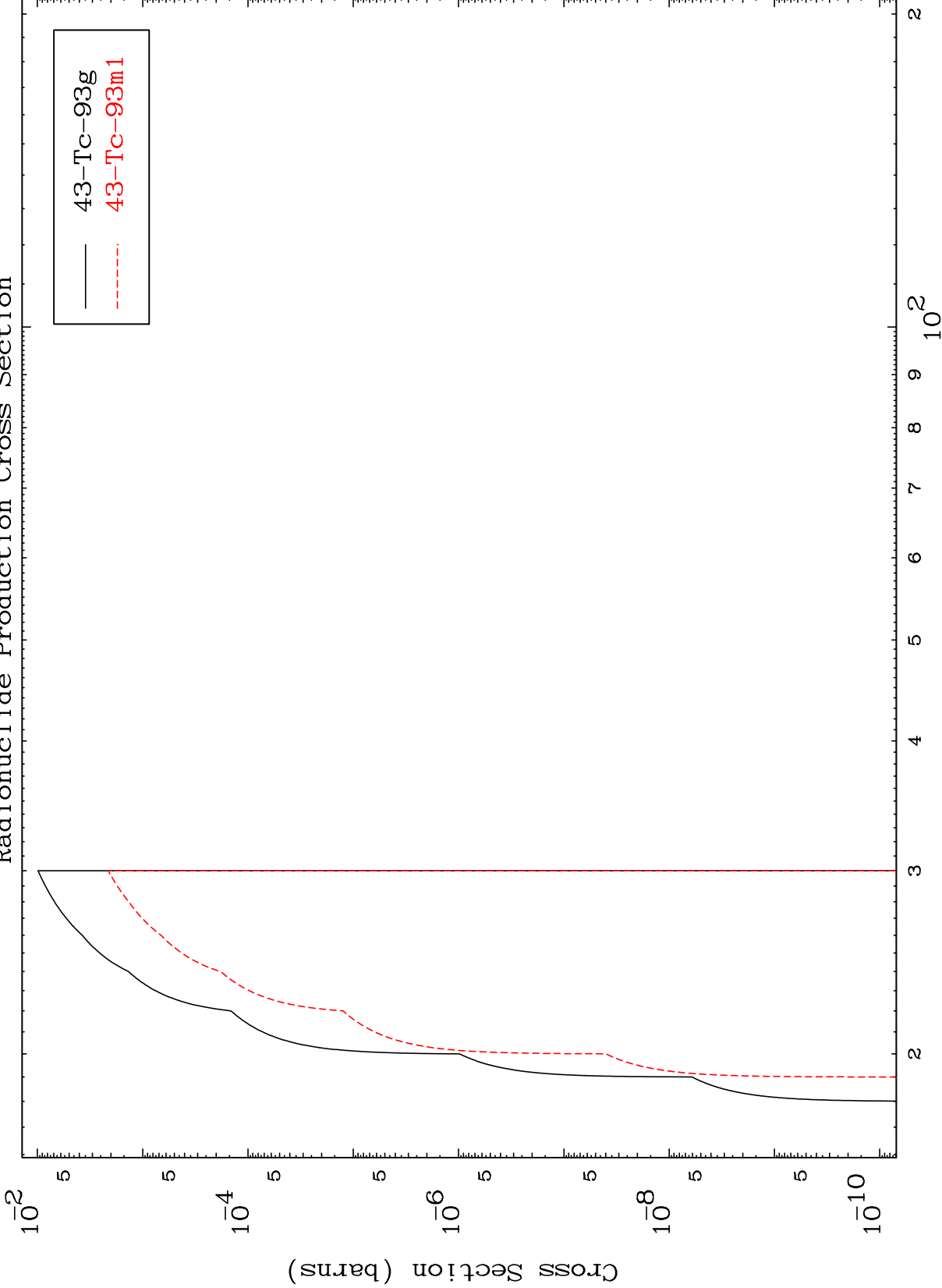
43-Tc-95

MAT 4314

(p,n') d

43-Tc-95

Radionuclide Production Cross Section



43-Tc-93g
43-Tc-93m1

15

Incident Energy (MeV)

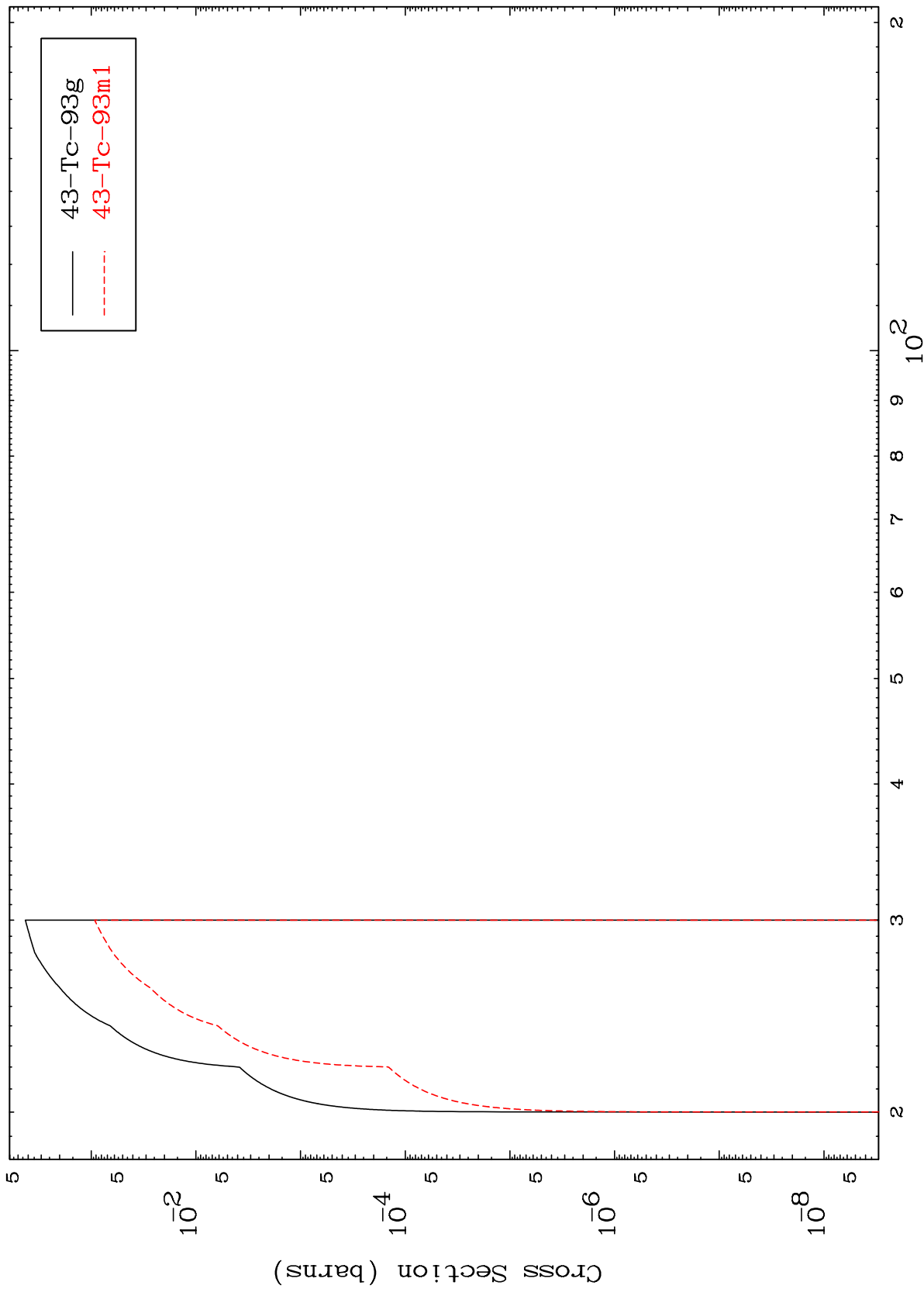
43-Tc-95

MAT 4314

(p,2n) p

43-Tc-95

Radionuclide Production Cross Section



16

Incident Energy (MeV)

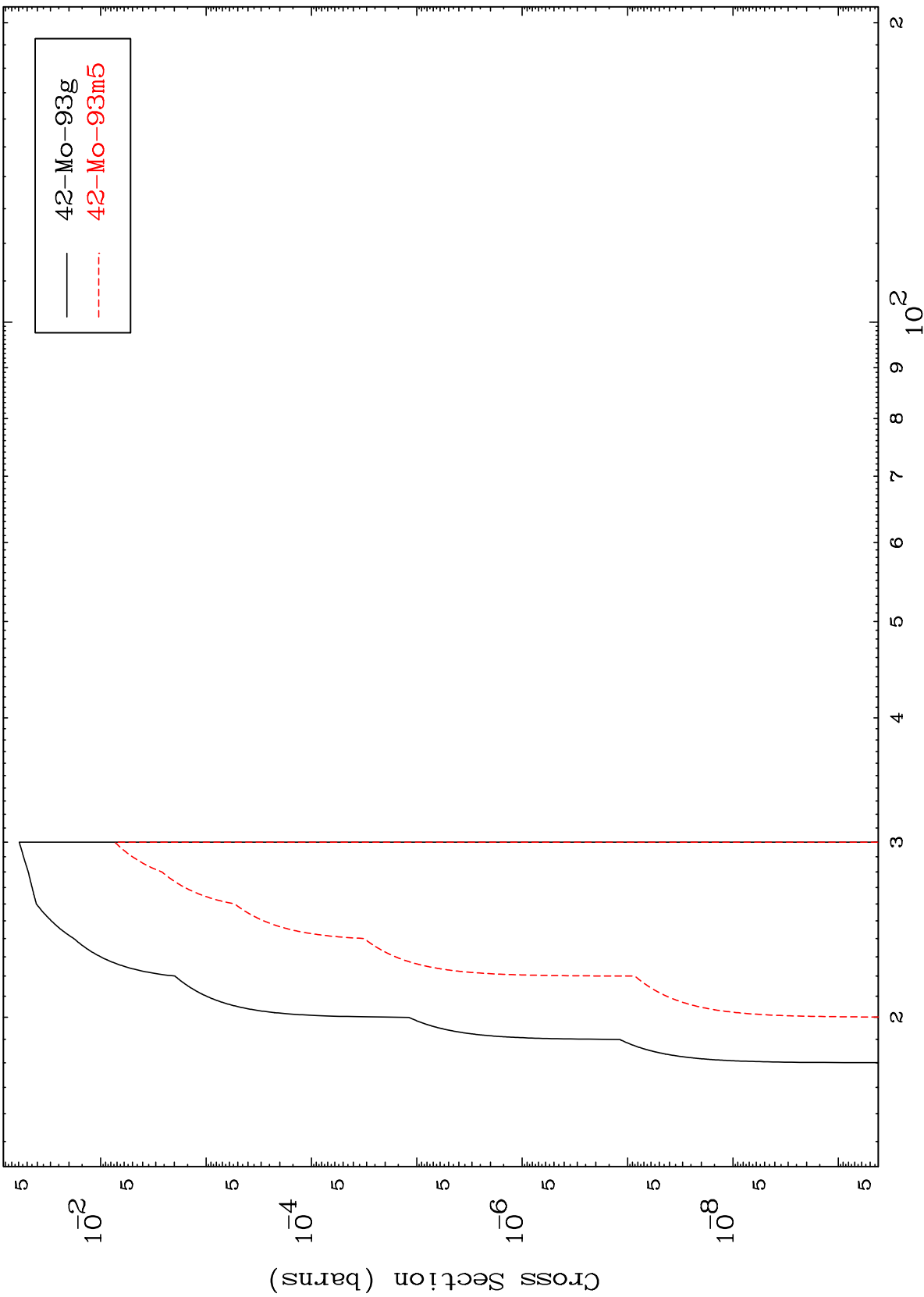
43-Tc-95

MAT 4314

(p,2n) p

43-Tc-95

Radionuclide Production Cross Section



17

Incident Energy (MeV)

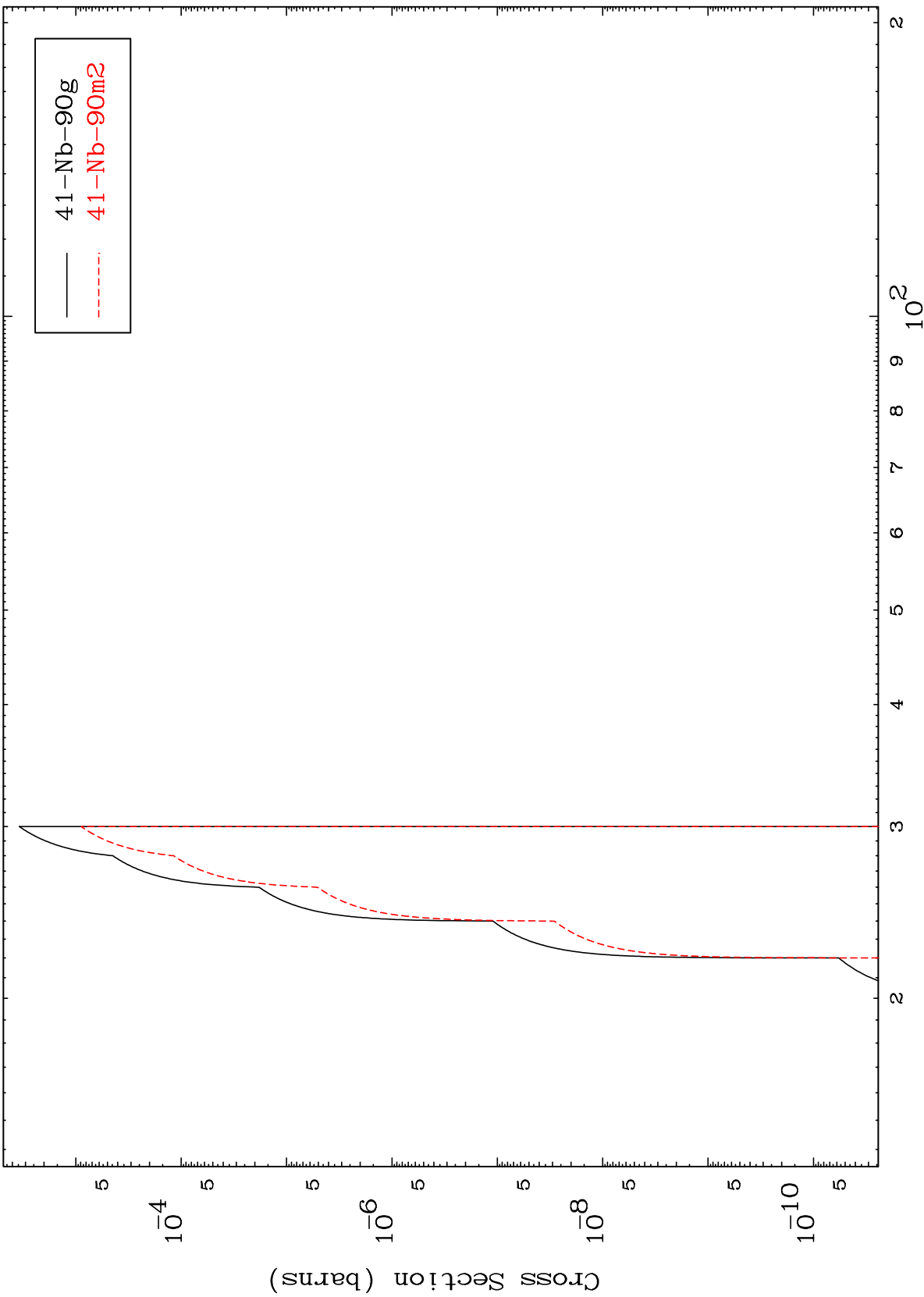
43-Tc-95

MAT 4314

(p,n') p α

43-Tc-95

Radionuclide Production Cross Section



18

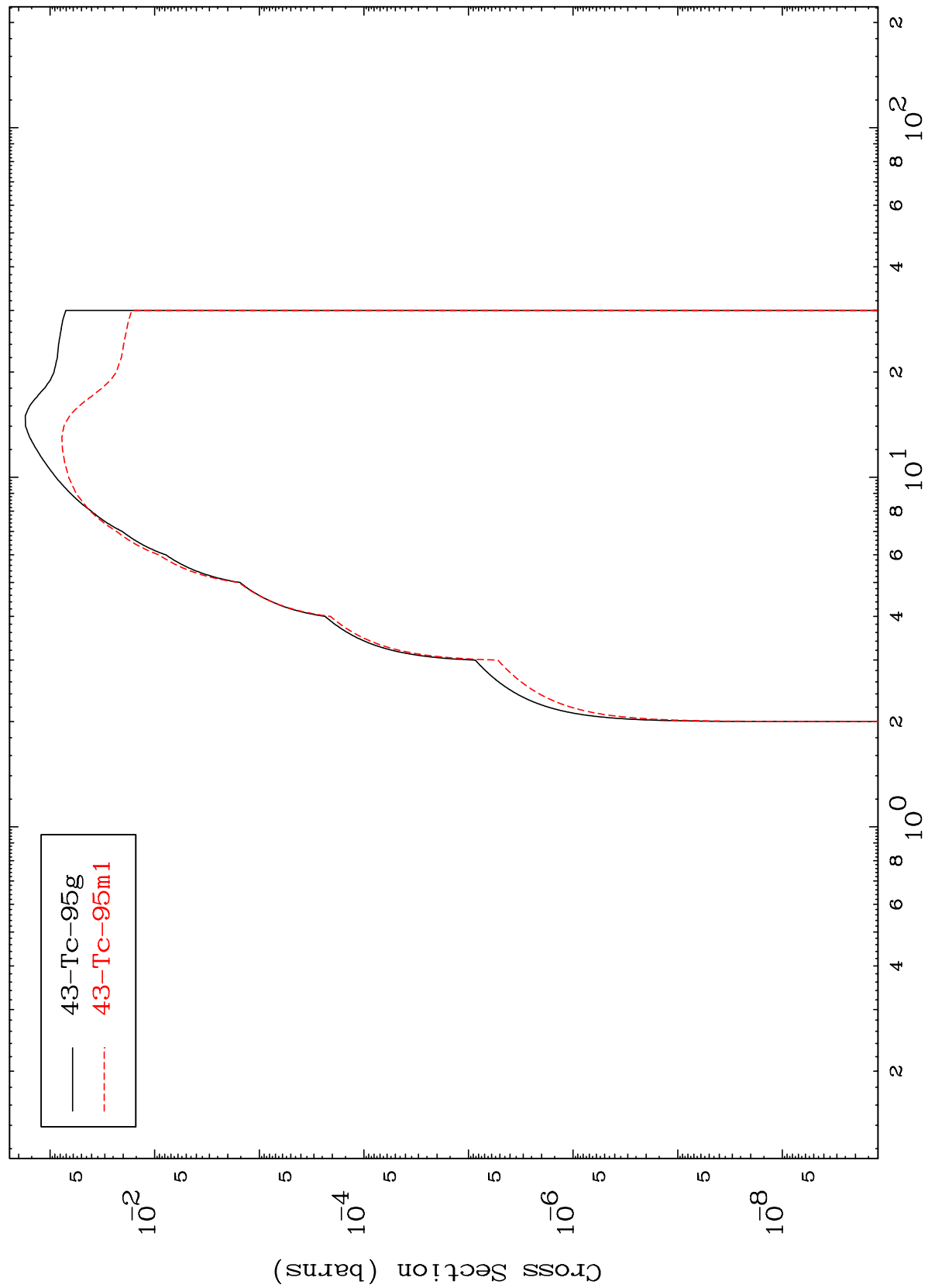
Incident Energy (MeV)

43-Tc-95

MAT 4314

43-Tc-95

(p,p)
Radionuclide Production Cross Section



43-Tc-95

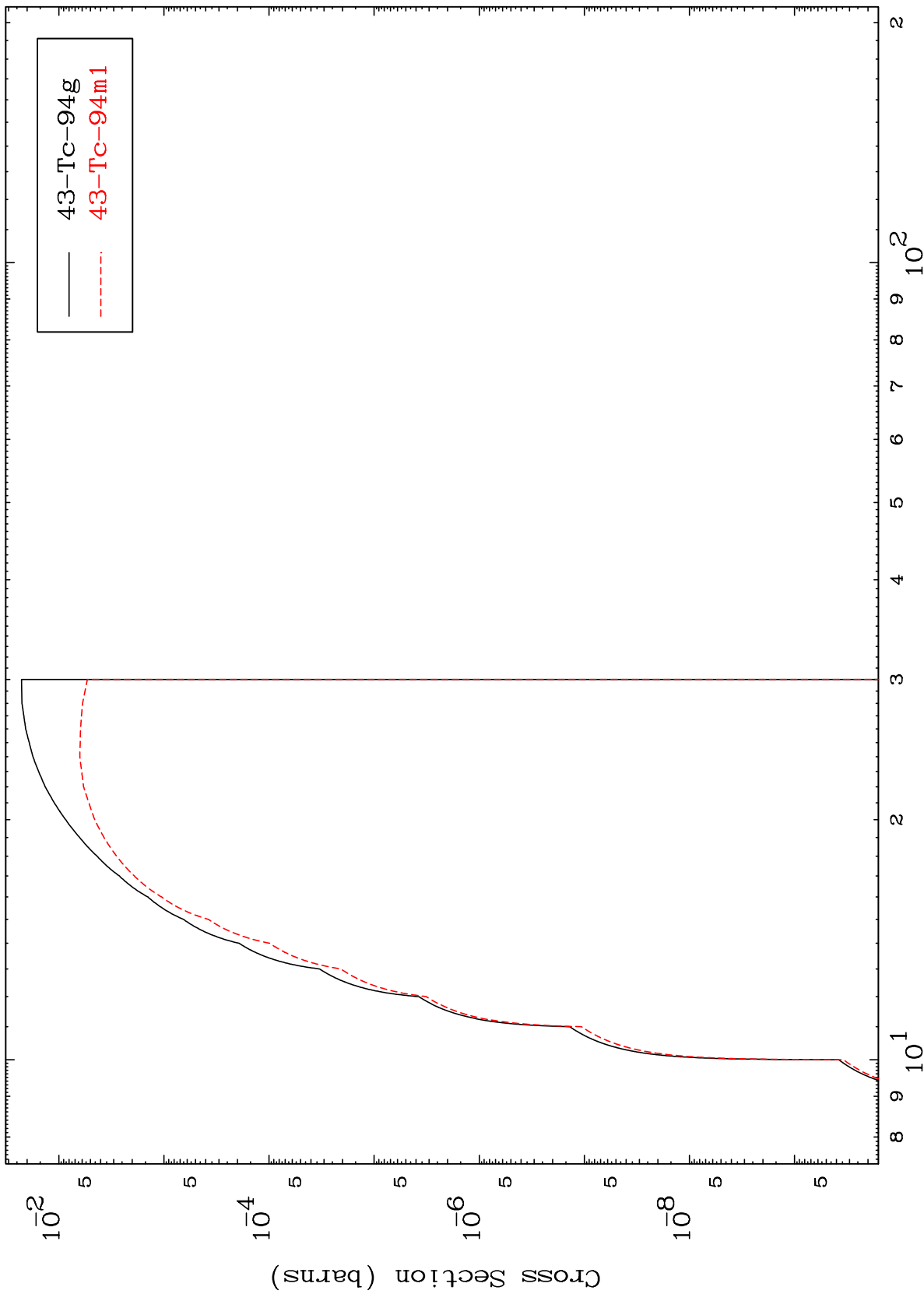
Incident Energy (MeV)

19

MAT 4314

43-Tc-95

(p,d)
Radionuclide Production Cross Section



43-Tc-95

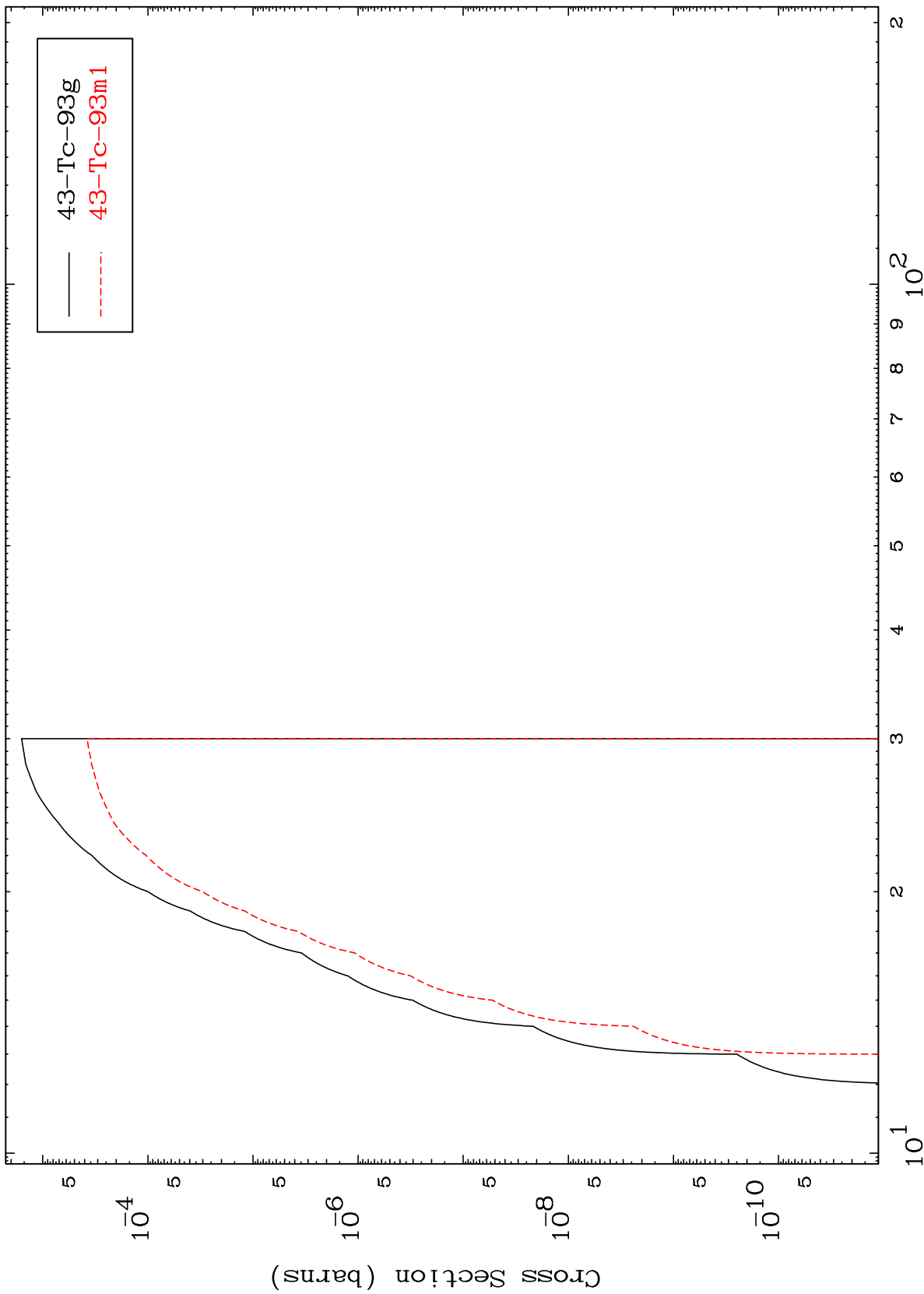
Incident Energy (MeV)

20

MAT 4314

43-Tc-95

(p,t)
Radionuclide Production Cross Section



43-Tc-93g
43-Tc-93m1

43-Tc-95

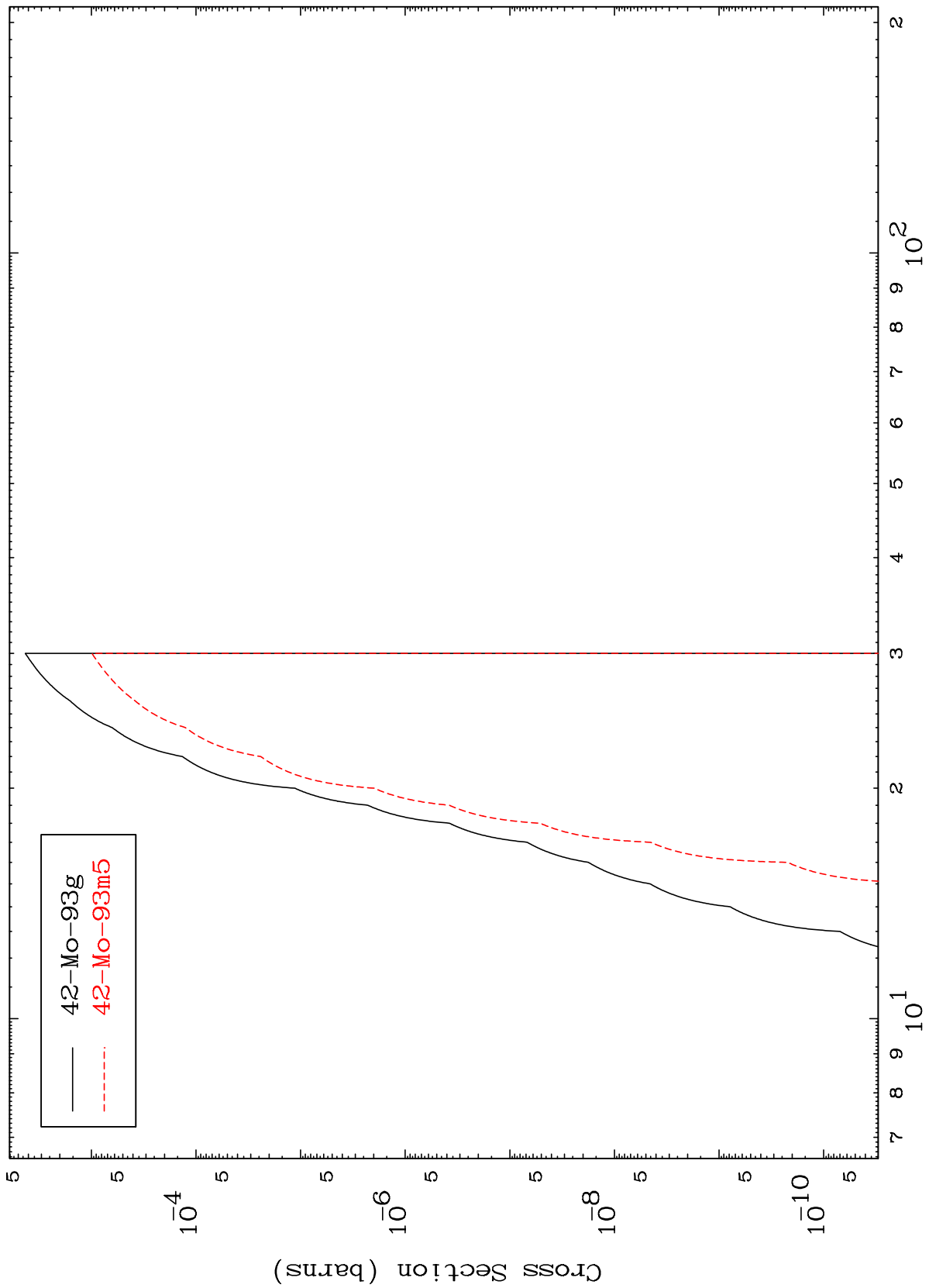
Incident Energy (MeV)

21

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43-Tc-95

Radionuclide Production Cross Section
(p,He-3)



22

Incident Energy (MeV)

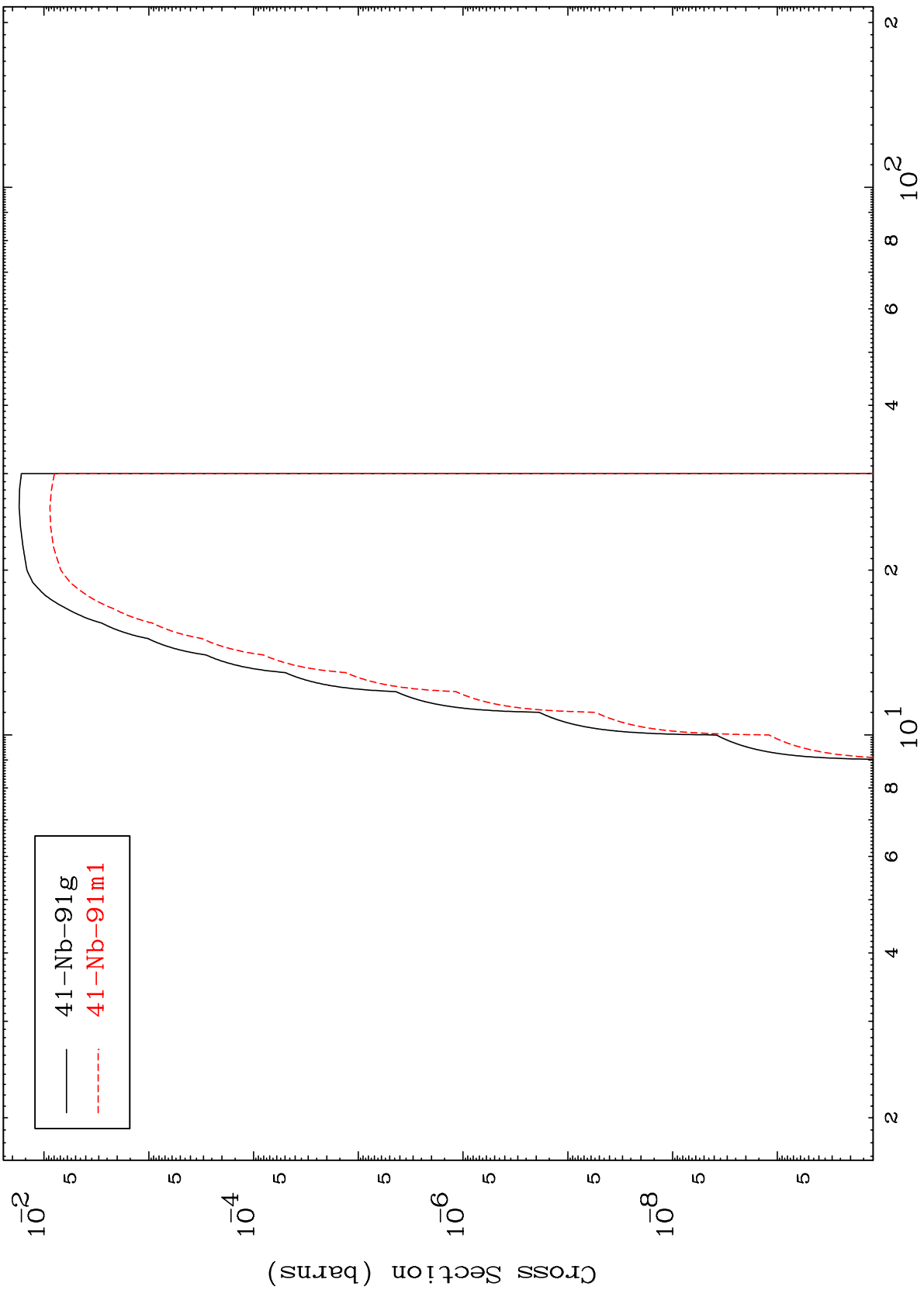
43-Tc-95

MAT 4314

(p,p) α

43-Tc-95

Radionuclide Production Cross Section



23

Incident Energy (MeV)

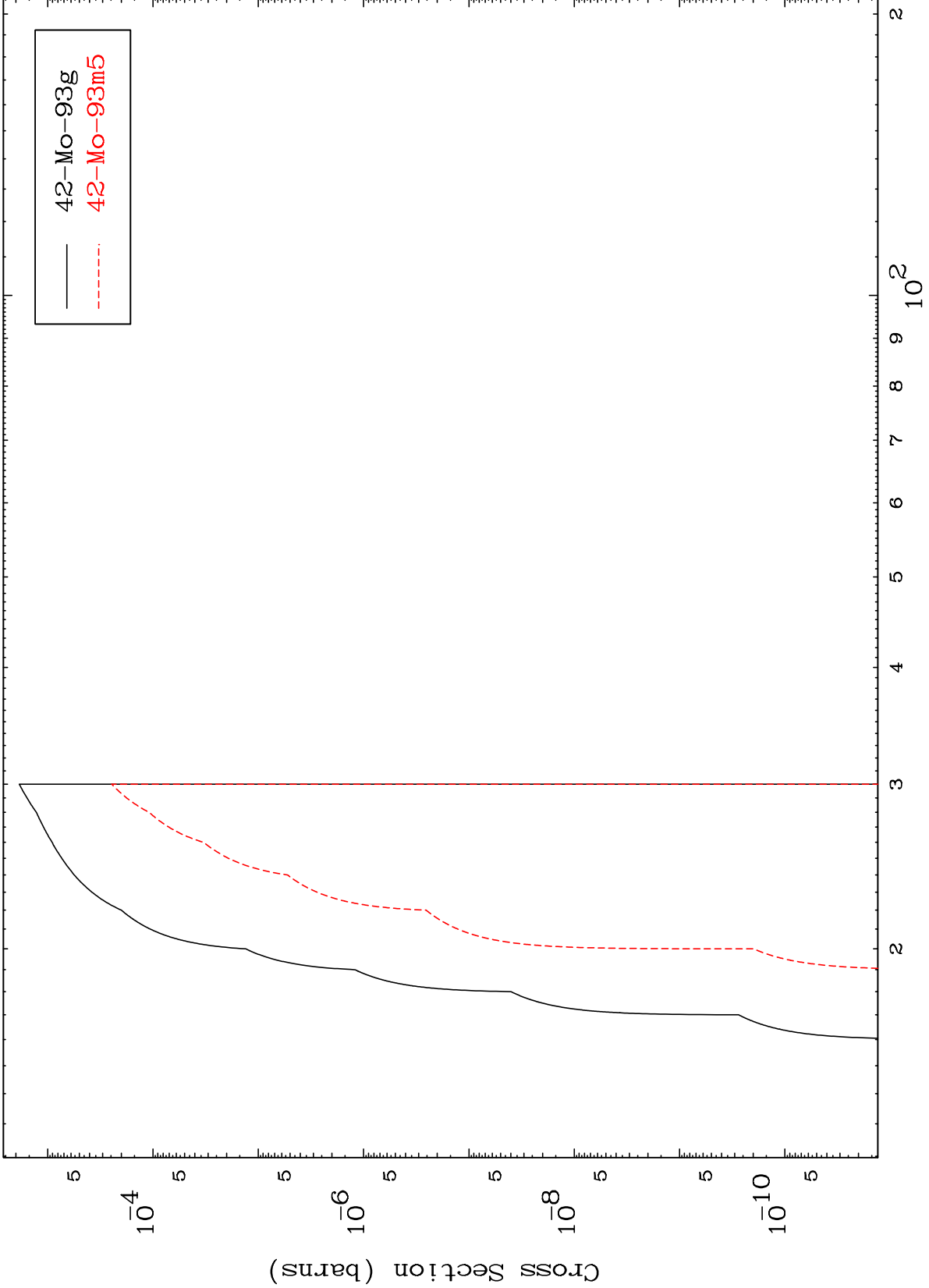
43-Tc-95

MAT 4314

(p,p) d

43-Tc-95

Radionuclide Production Cross Section



24

Incident Energy (MeV)

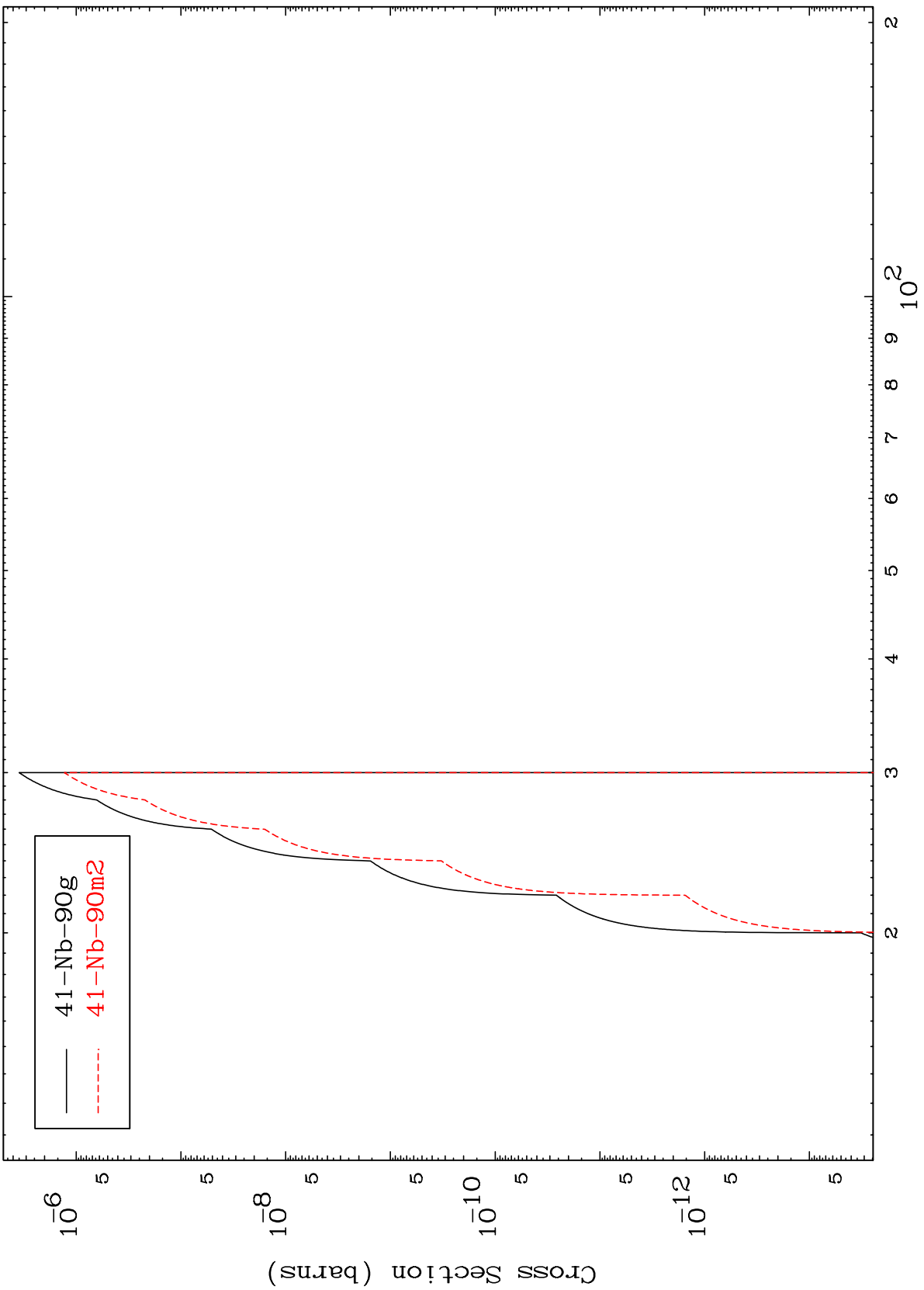
43-Tc-95

MAT 4314

(p,d) α

43-Tc-95

Radionuclide Production Cross Section



25

Incident Energy (MeV)

43-Tc-95