

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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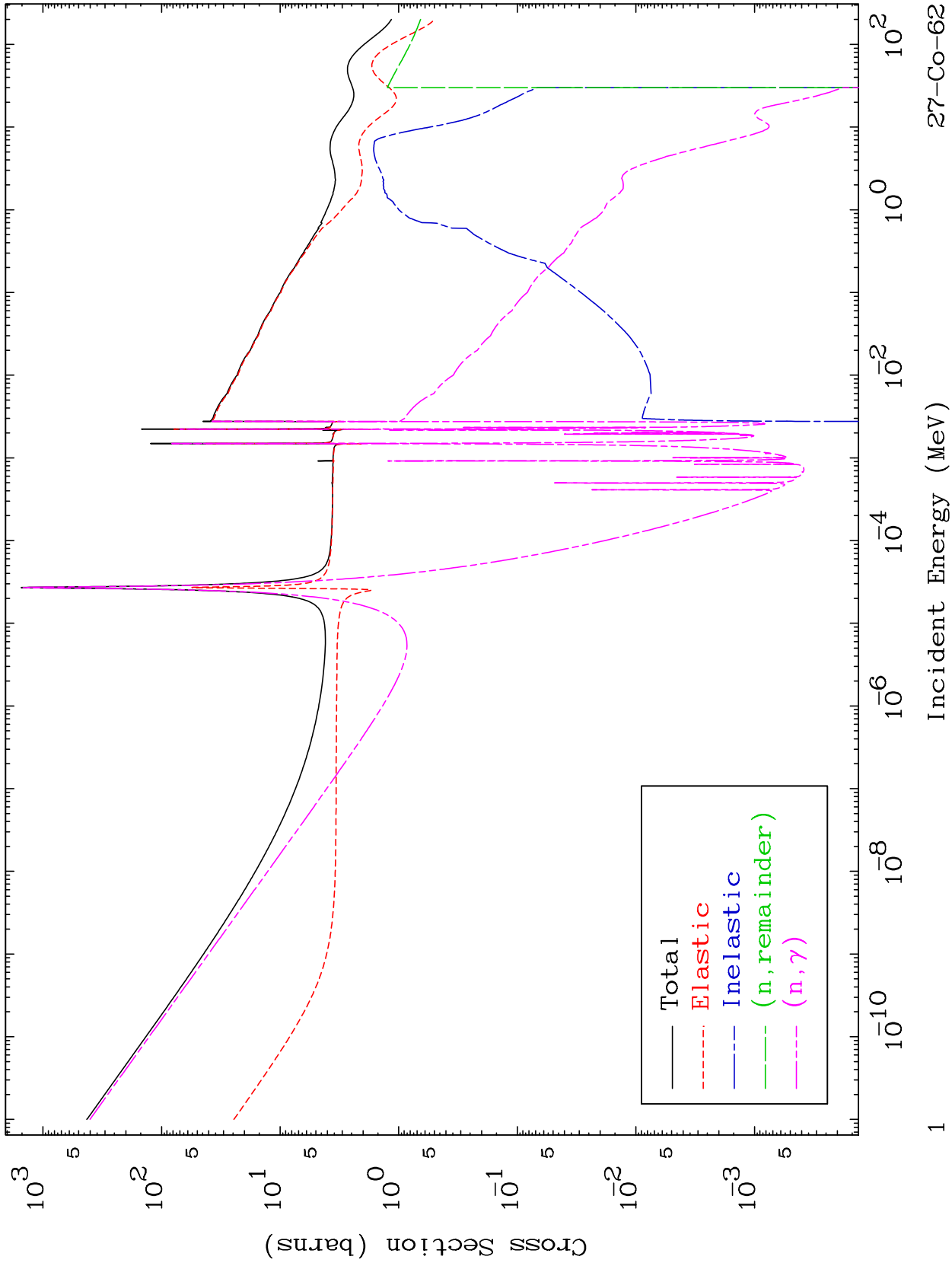
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2735

Major  
293 Kelvin Cross Sections

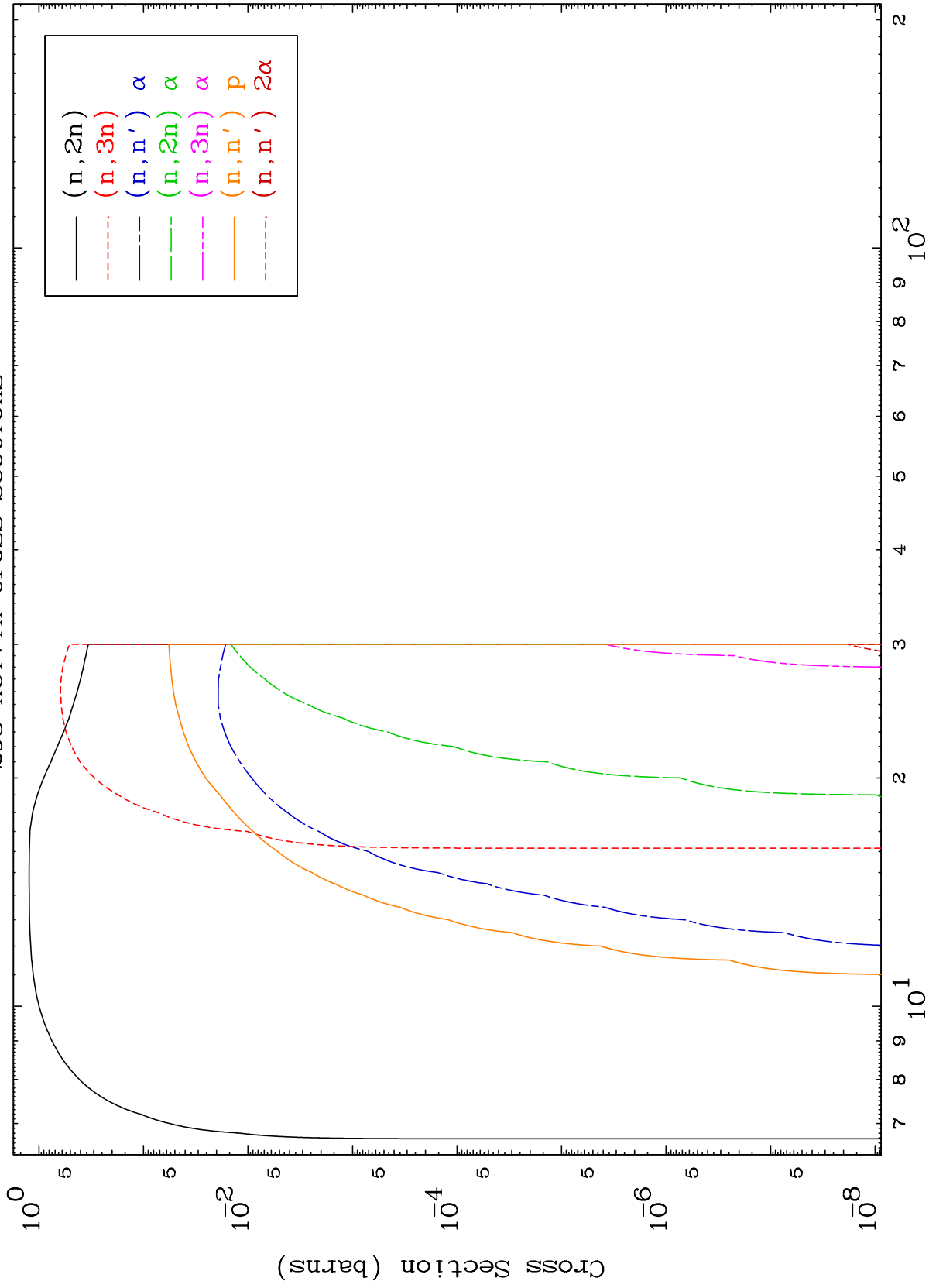
27-Co-62



MAT 2735

### Neutron Production 293 Kelvin Cross Sections

27-Co-62



2

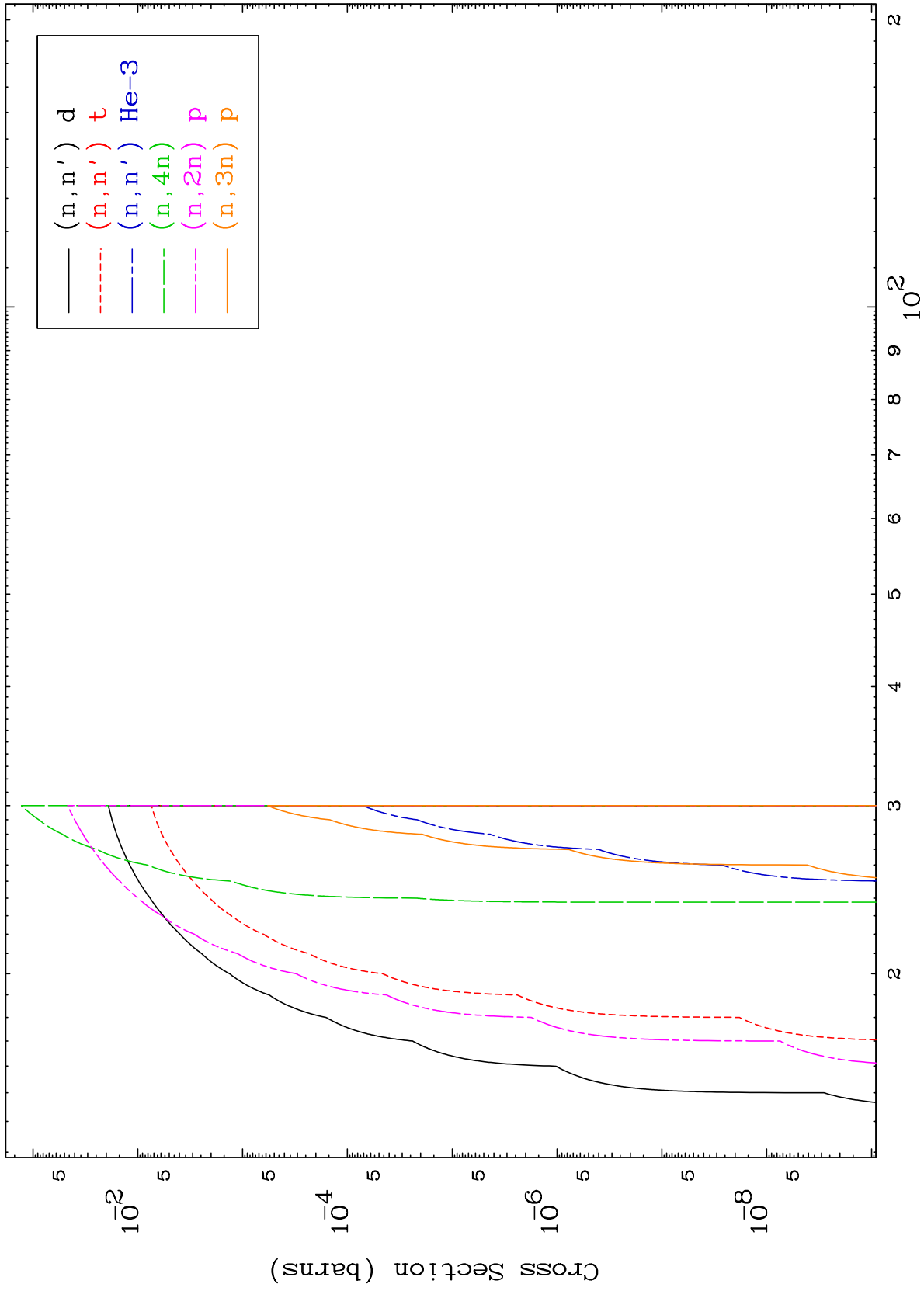
Incident Energy (MeV)

27-Co-62

MAT 2735

Neutron Production  
293 Kelvin Cross Sections

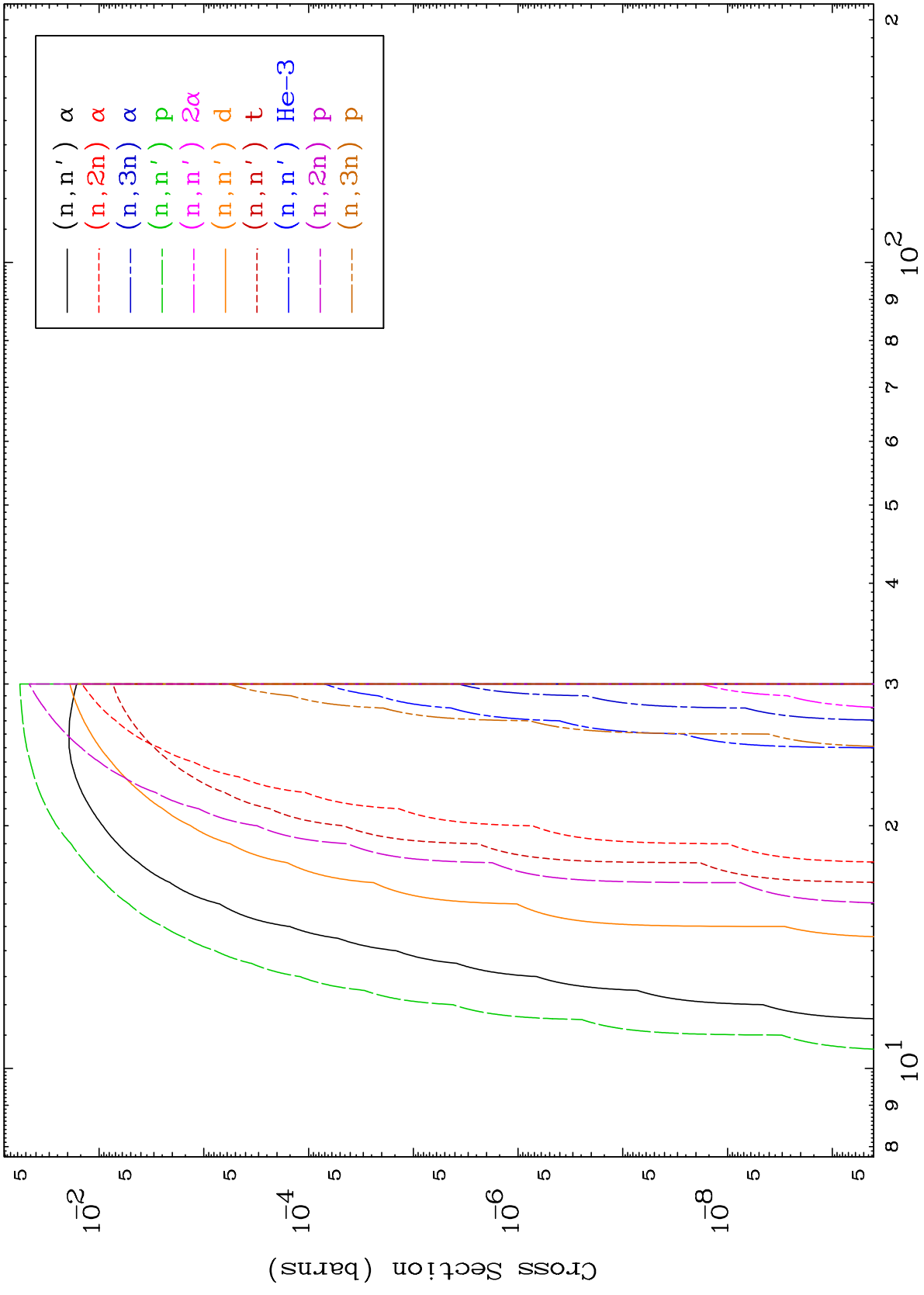
27-Co-62



3

Incident Energy (MeV)

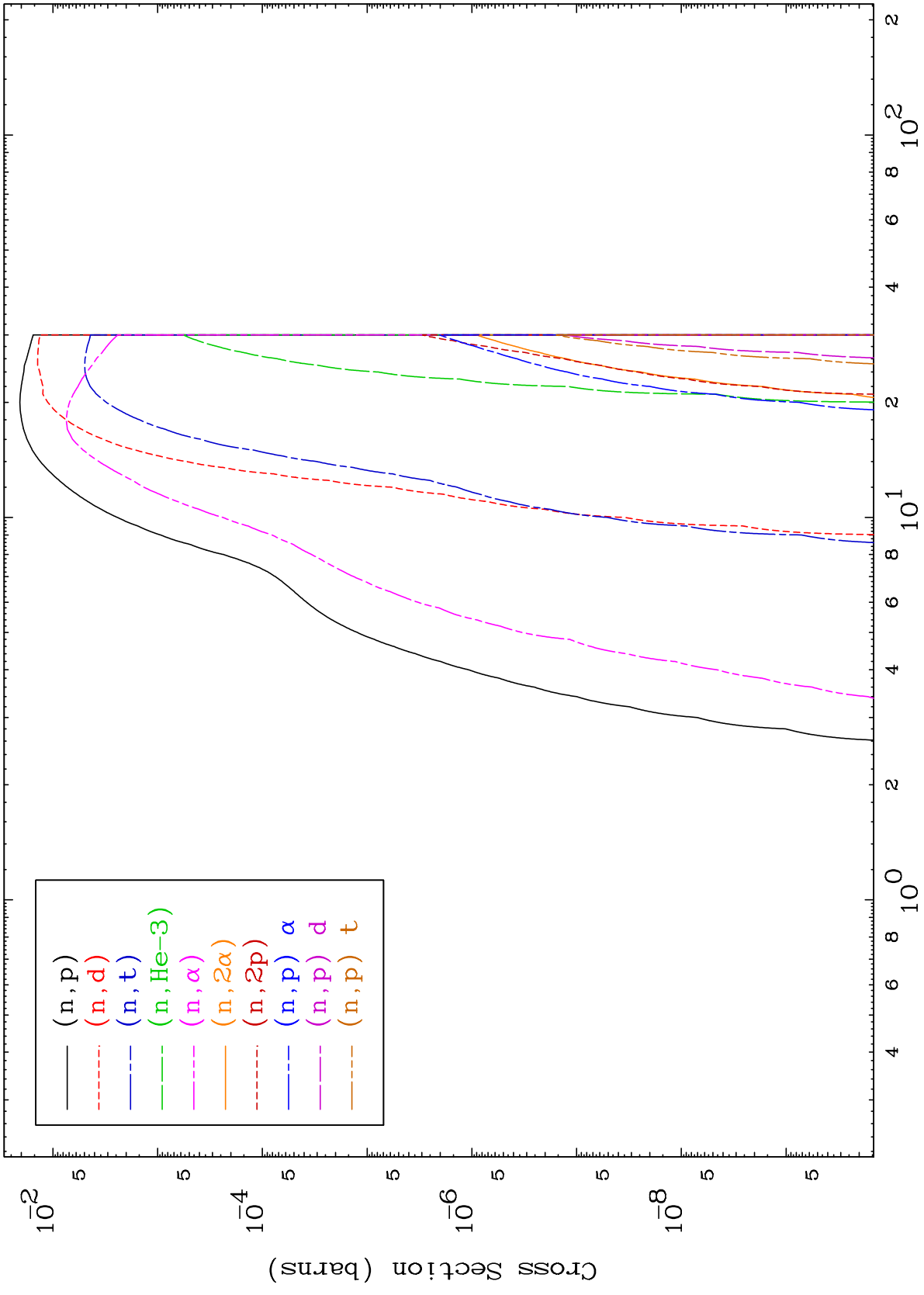
27-Co-62



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293 Kelvin Cross Sections

27-Co-62

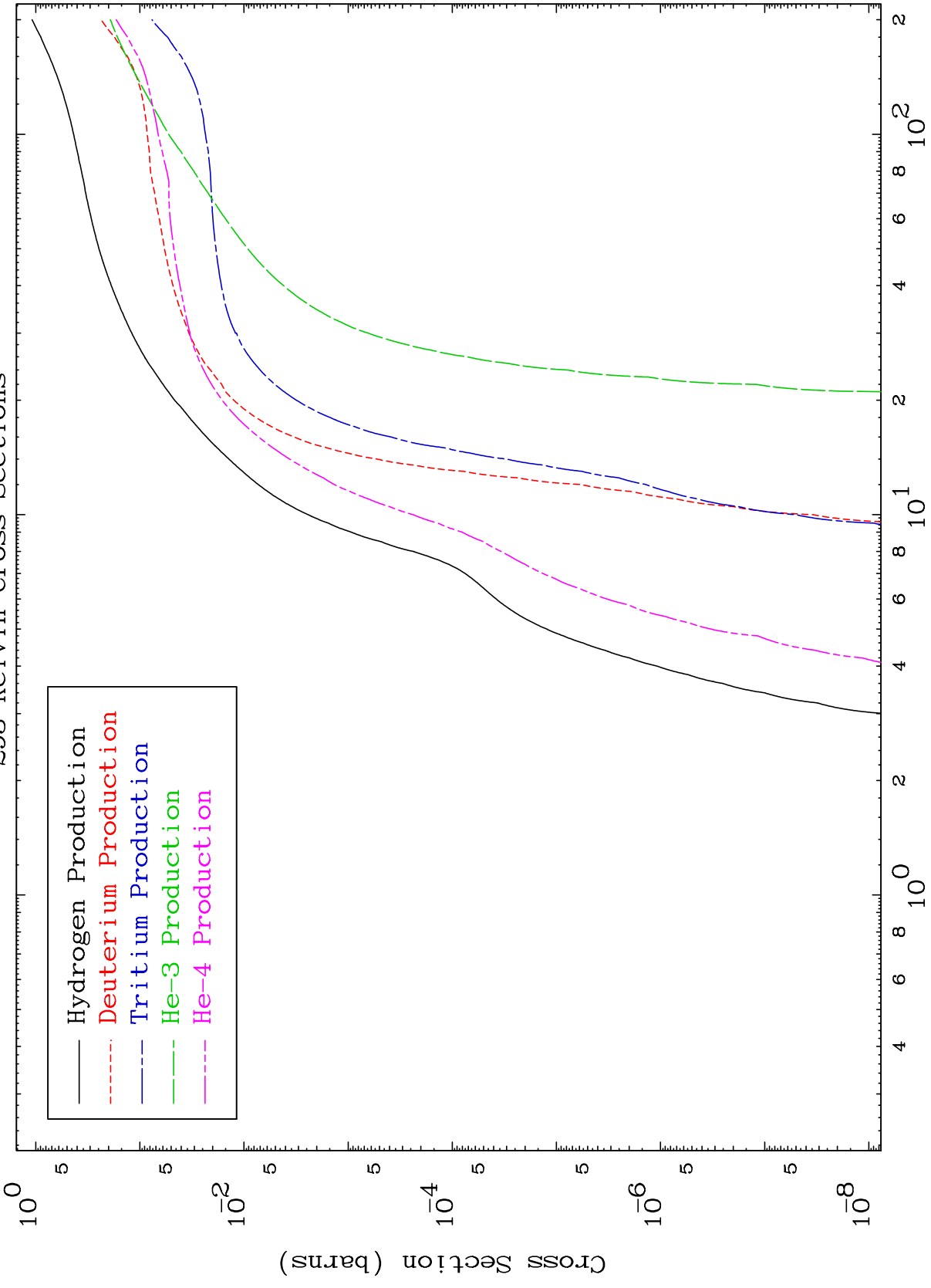


27-Co-62

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Particle Production  
293 Kelvin Cross Sections

27-Co-62



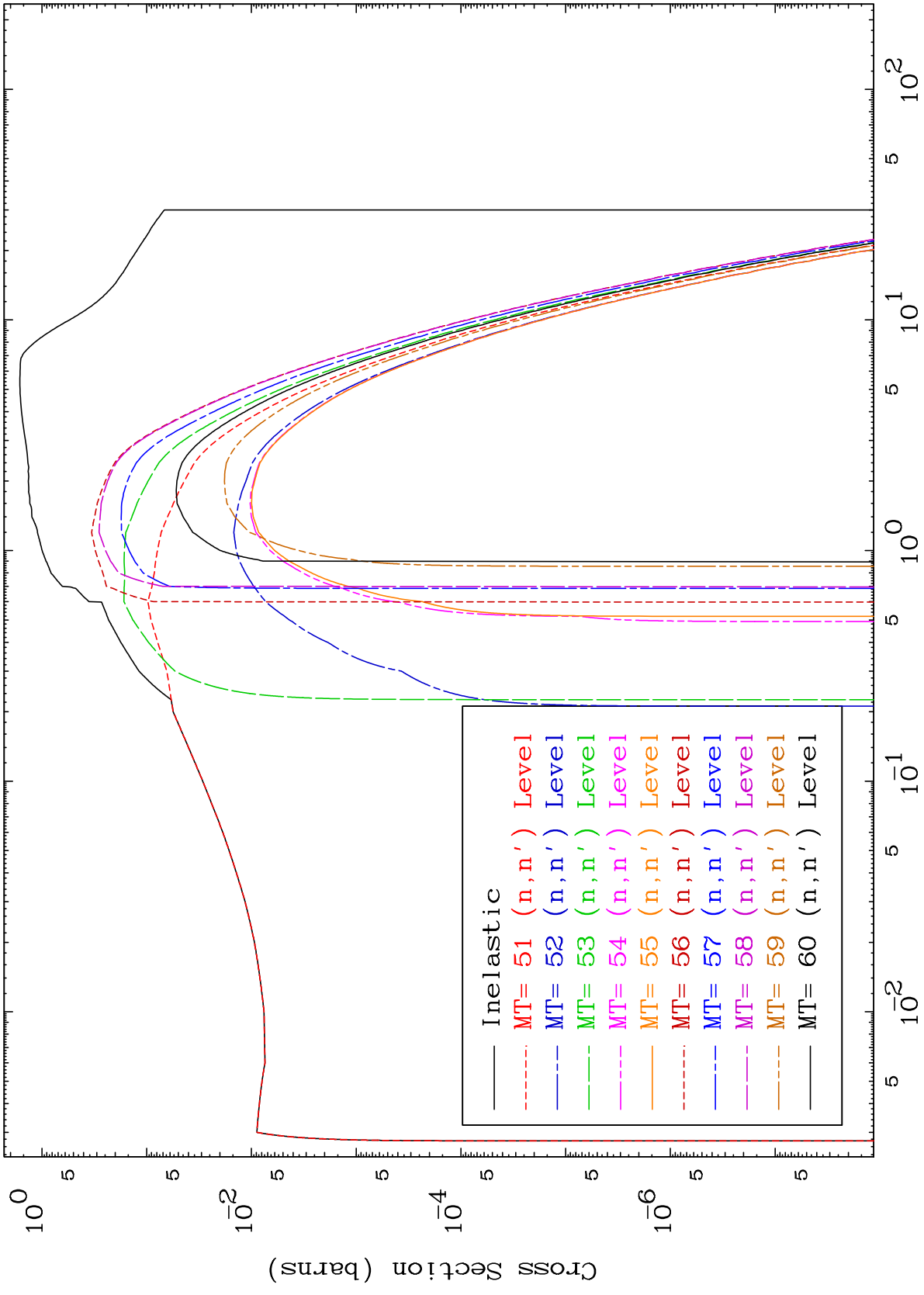
6

27-Co-62

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(n,n') Level  
293 Kelvin Cross Sections

27-Co-62



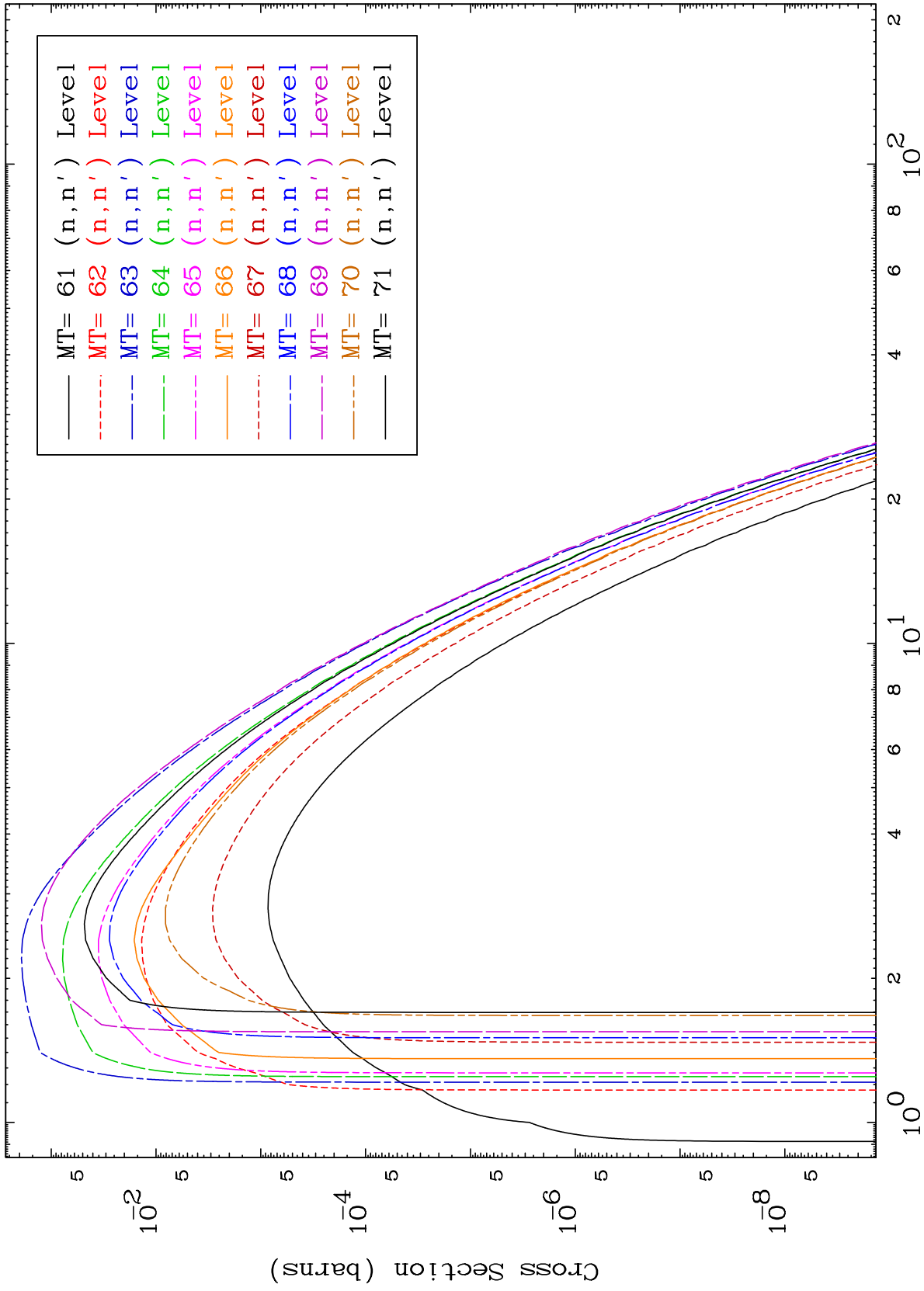


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(n,n') Level

293 Kelvin Cross Sections

27-Co-62



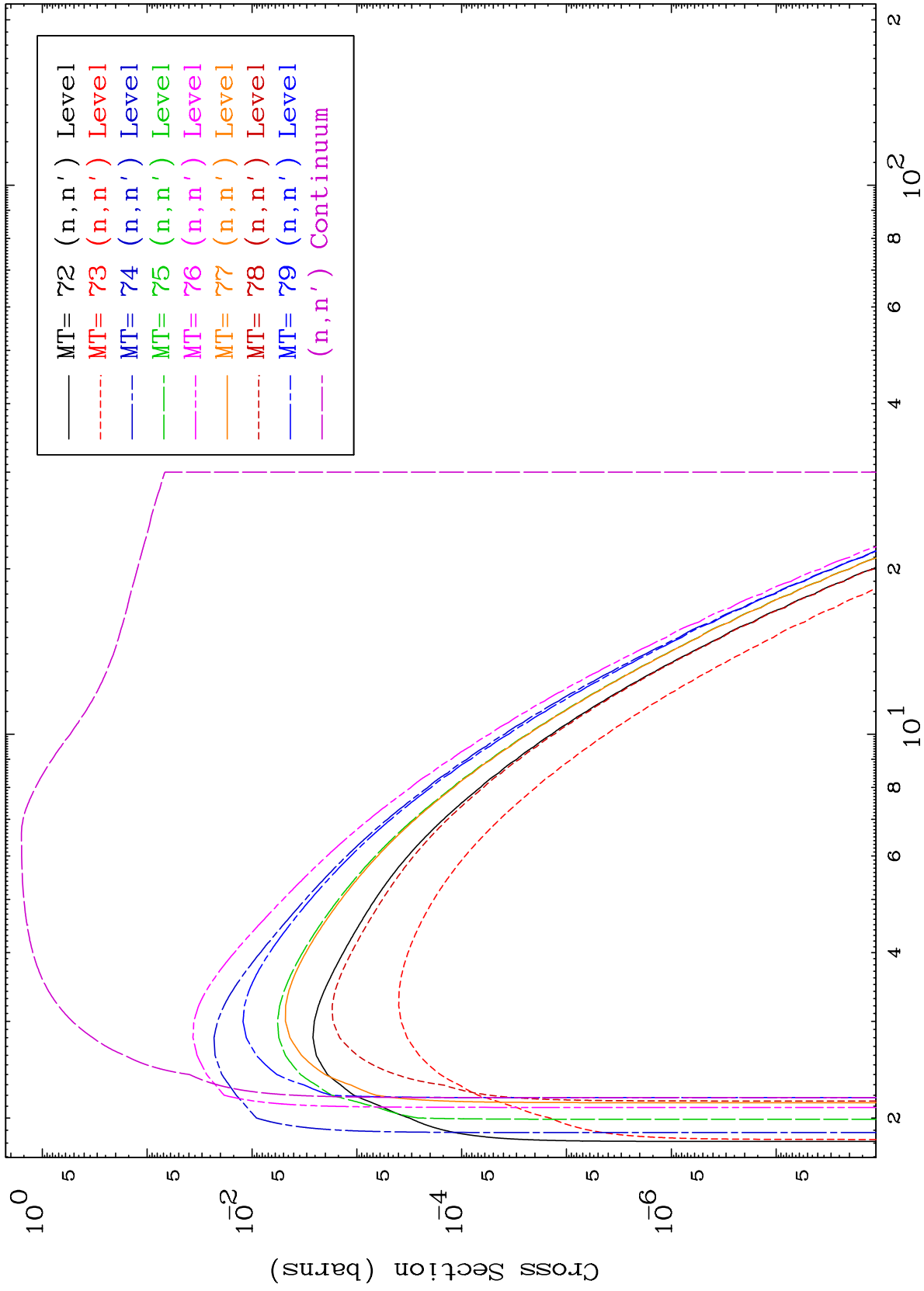
Incident Energy (MeV)

27-Co-62

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(n,n') Level  
293 Kelvin Cross Sections

27-Co-62

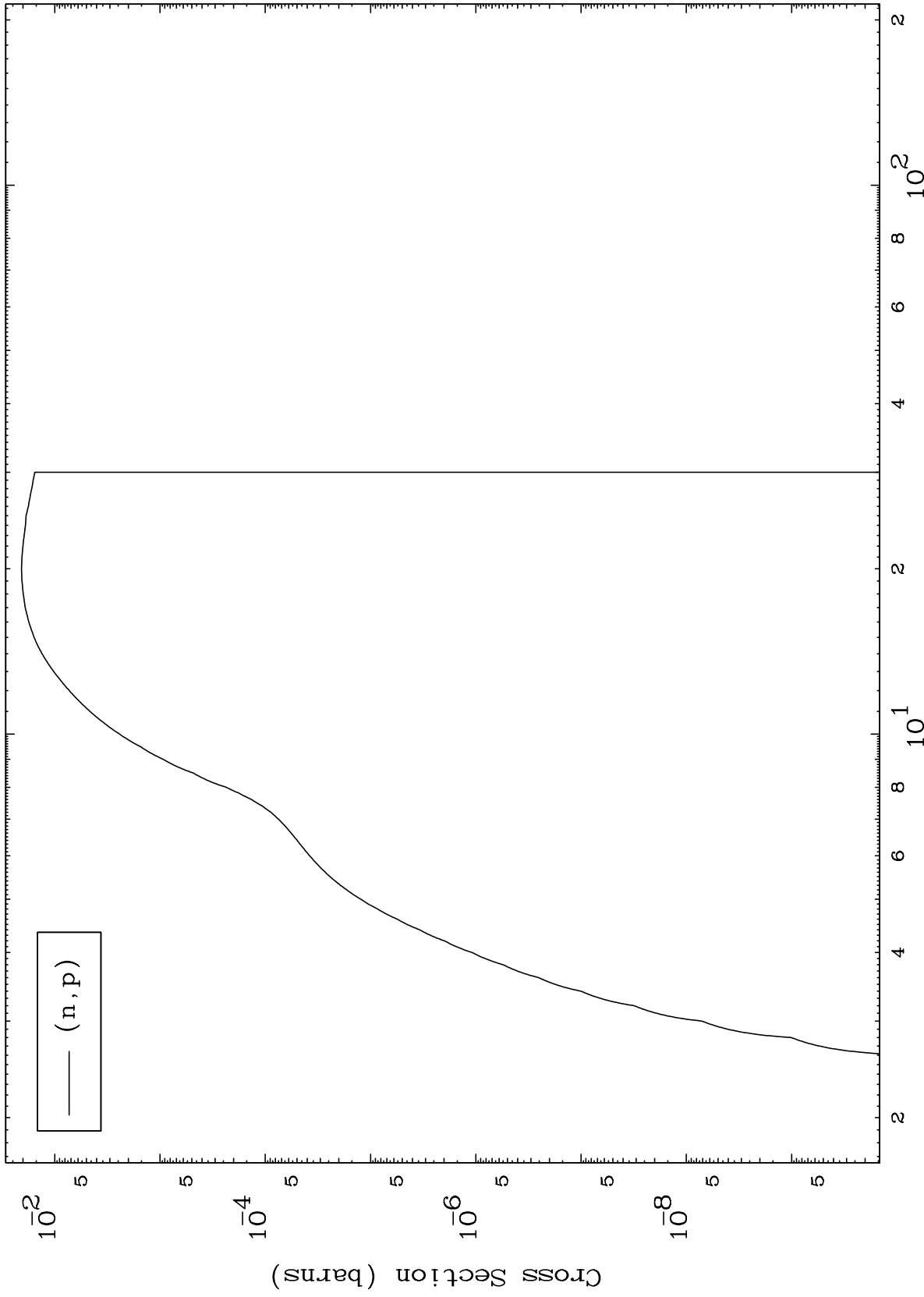


9

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(n,p) Levels  
293 Kelvin Cross Sections

27-Co-62



10

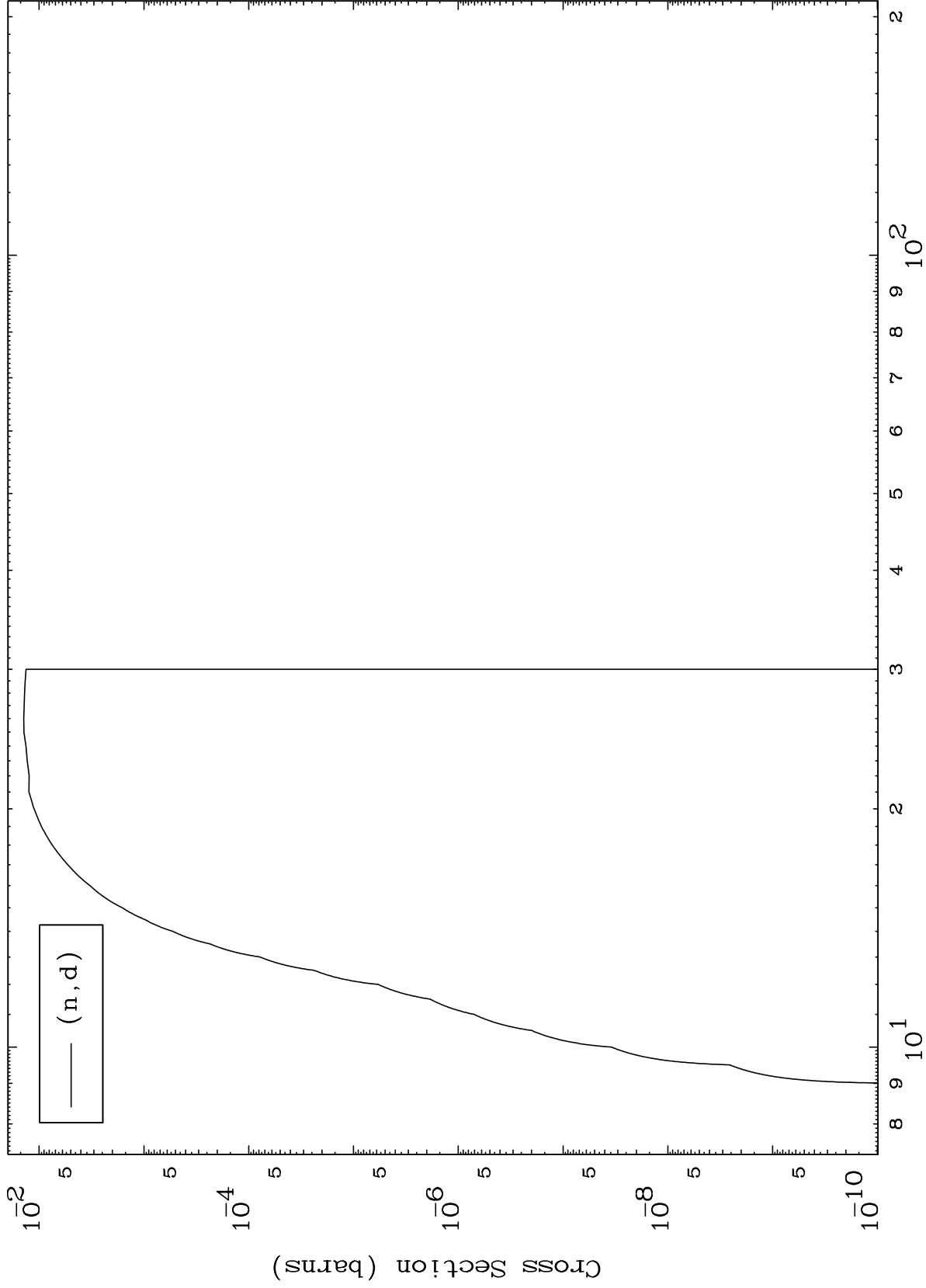
Incident Energy (MeV)

27-Co-62

MAT 2735

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-62



11

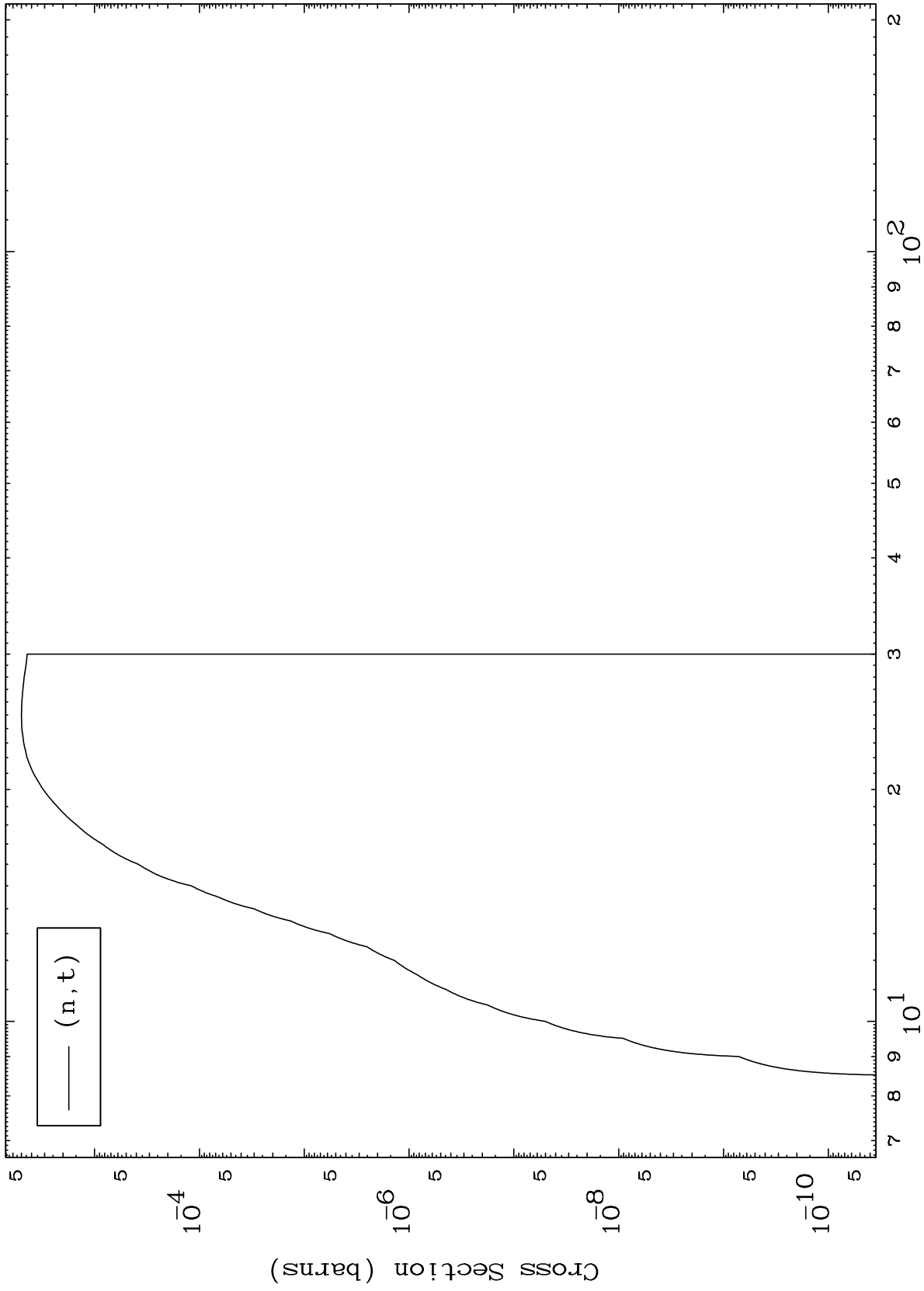
Incident Energy (MeV)

27-Co-62

MAT 2735

(n,t) Levels  
293 Kelvin Cross Sections

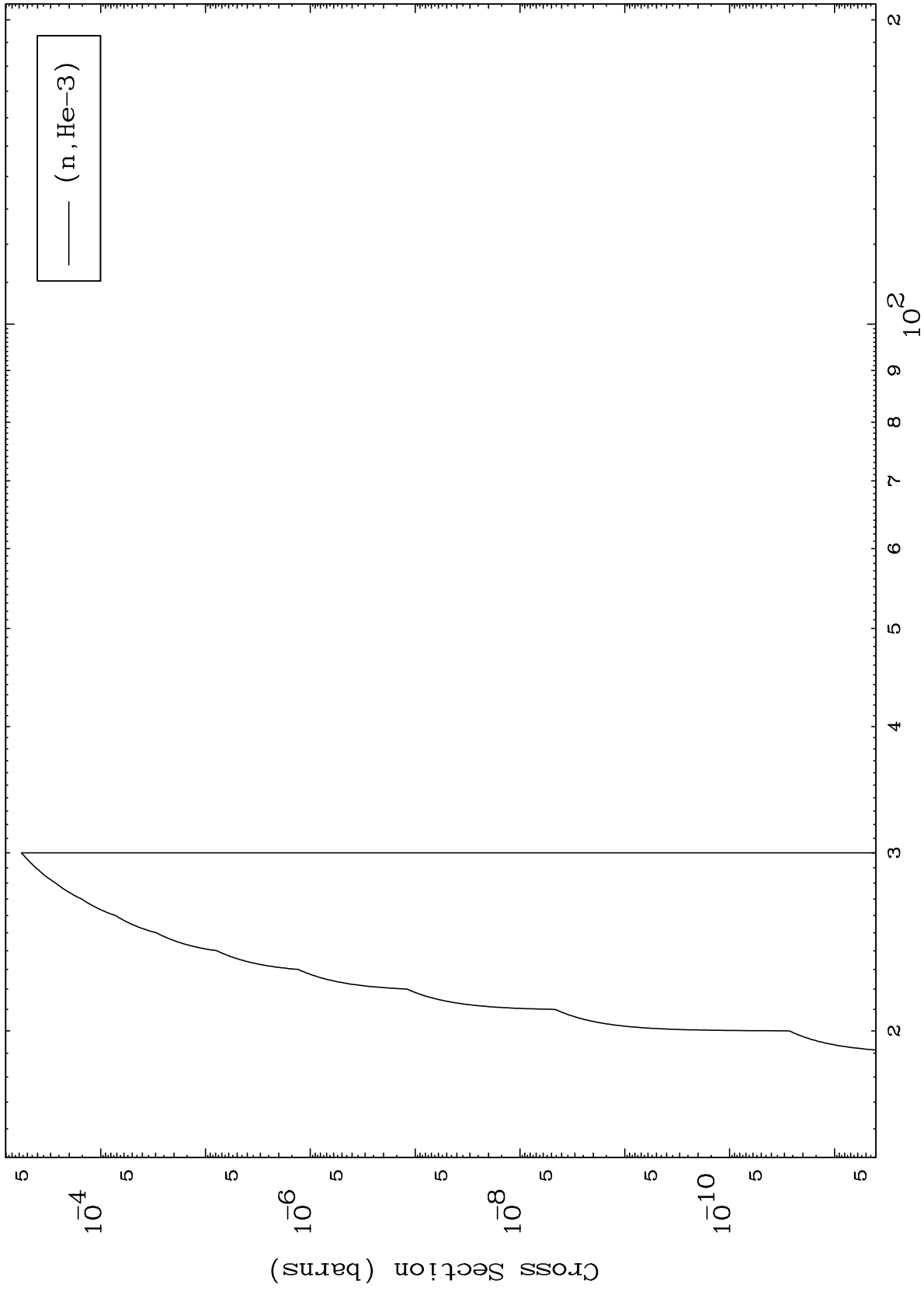
27-Co-62



12

Incident Energy (MeV)

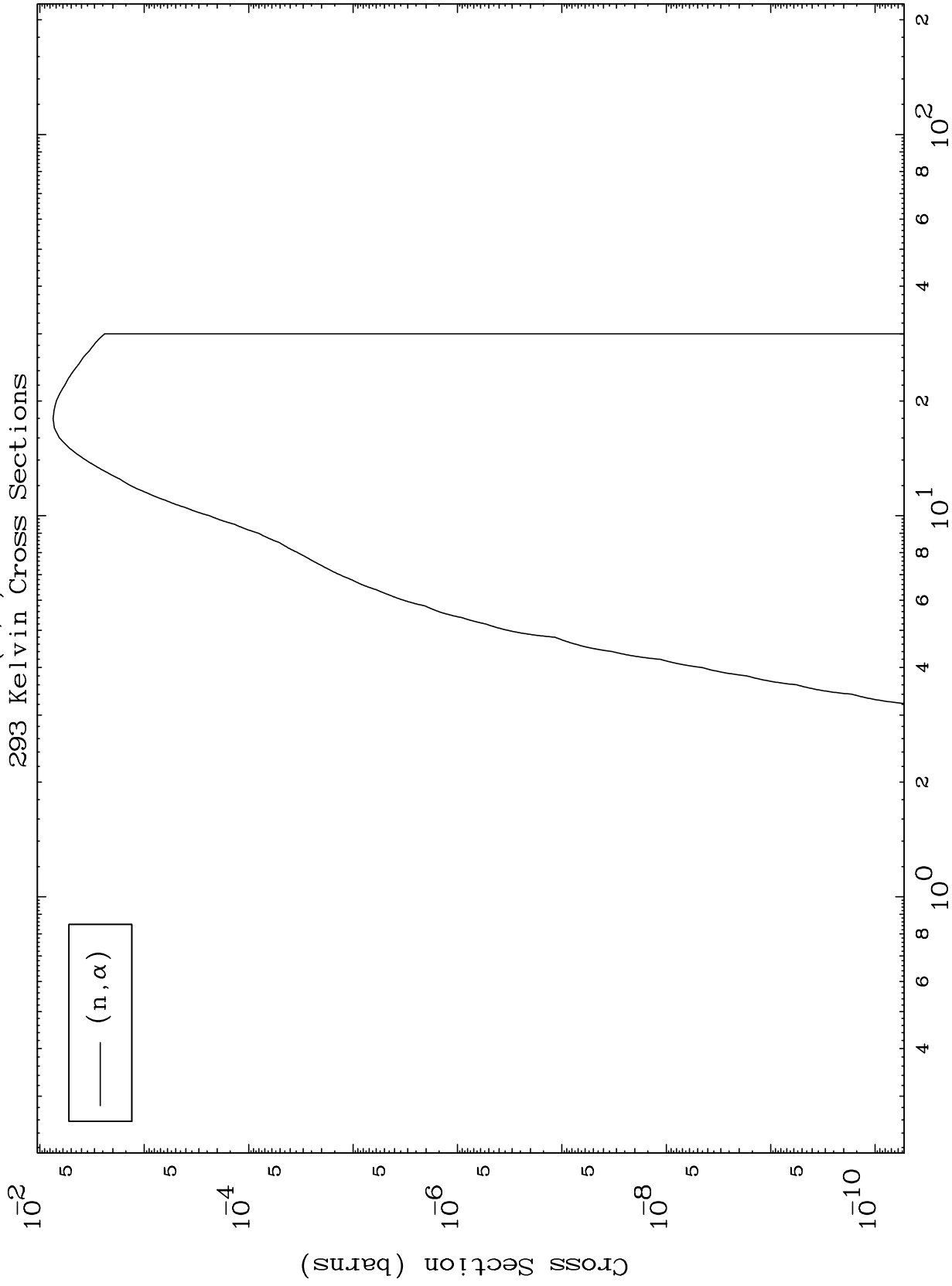
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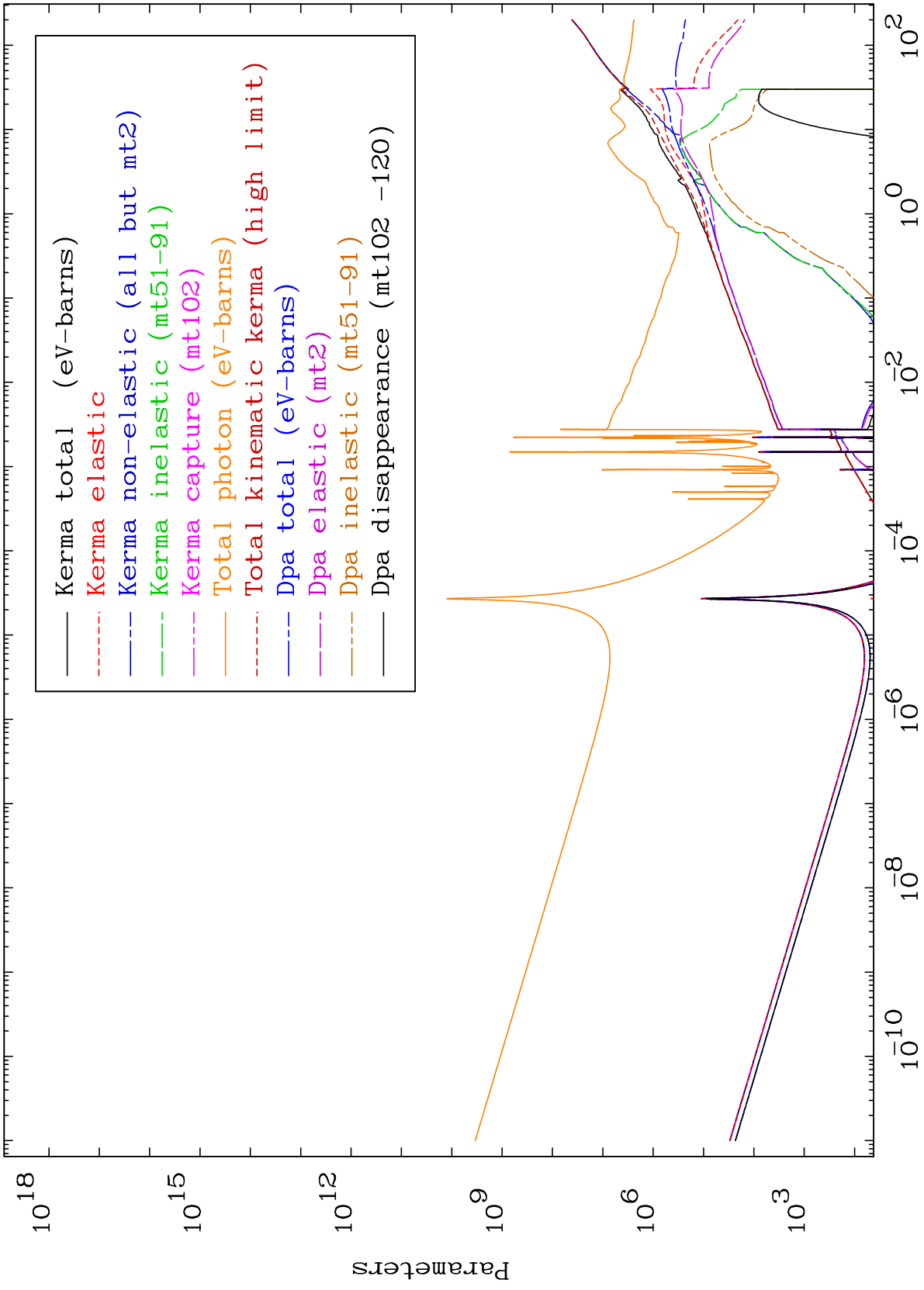


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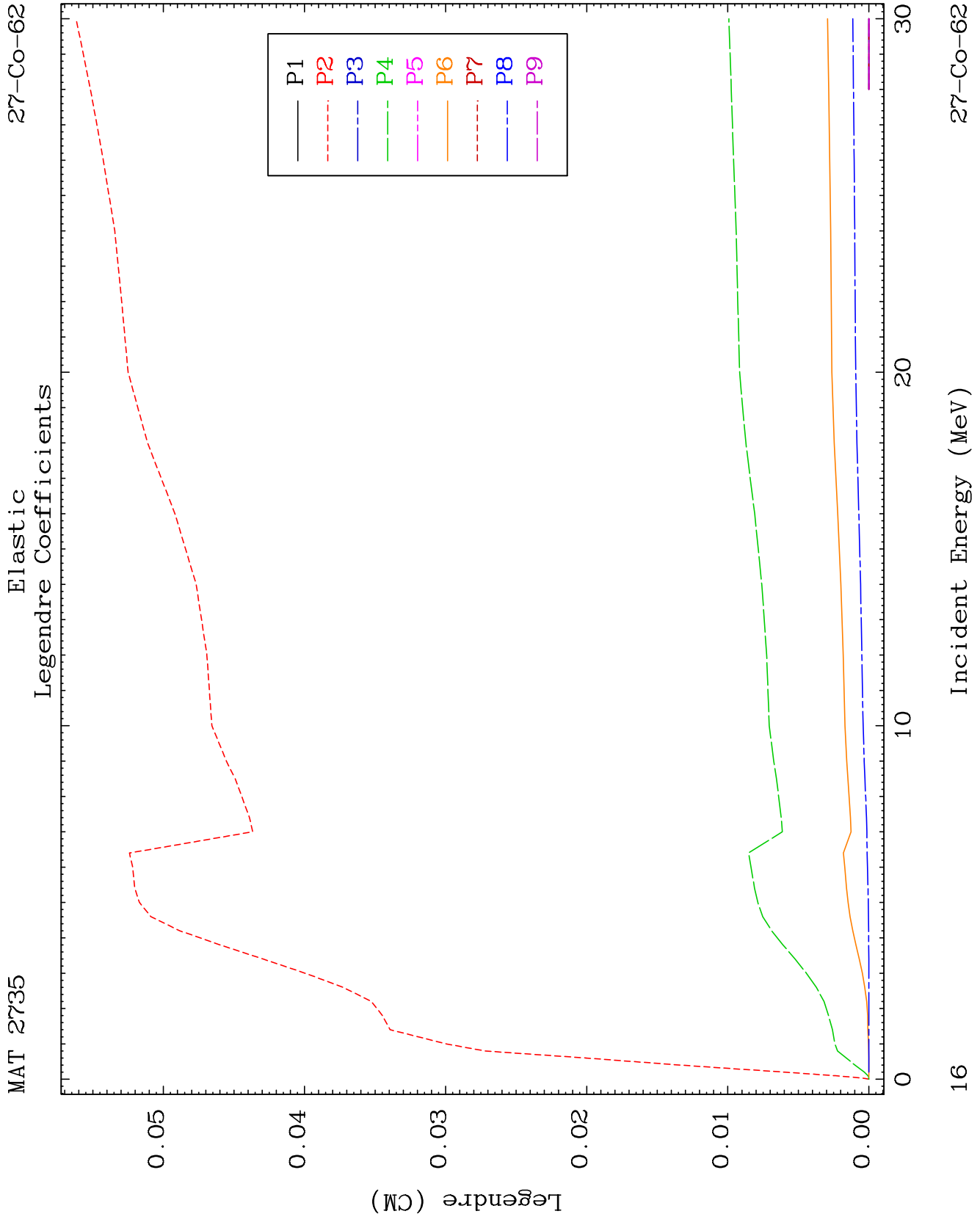
(n,α) Levels  
293 Kelvin Cross Sections

27-Co-62





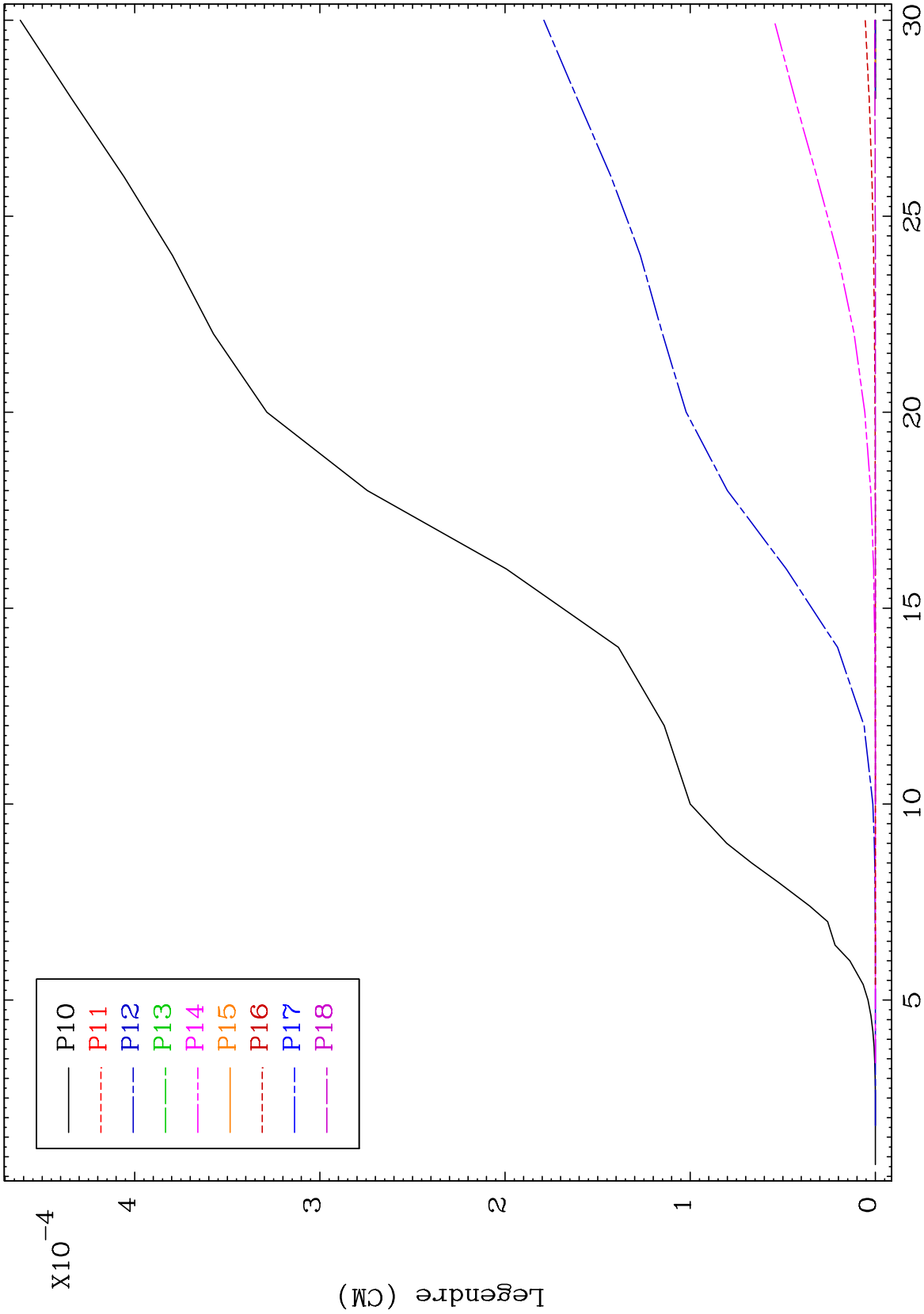




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Elastic Legendre Coefficients

27-Co-62



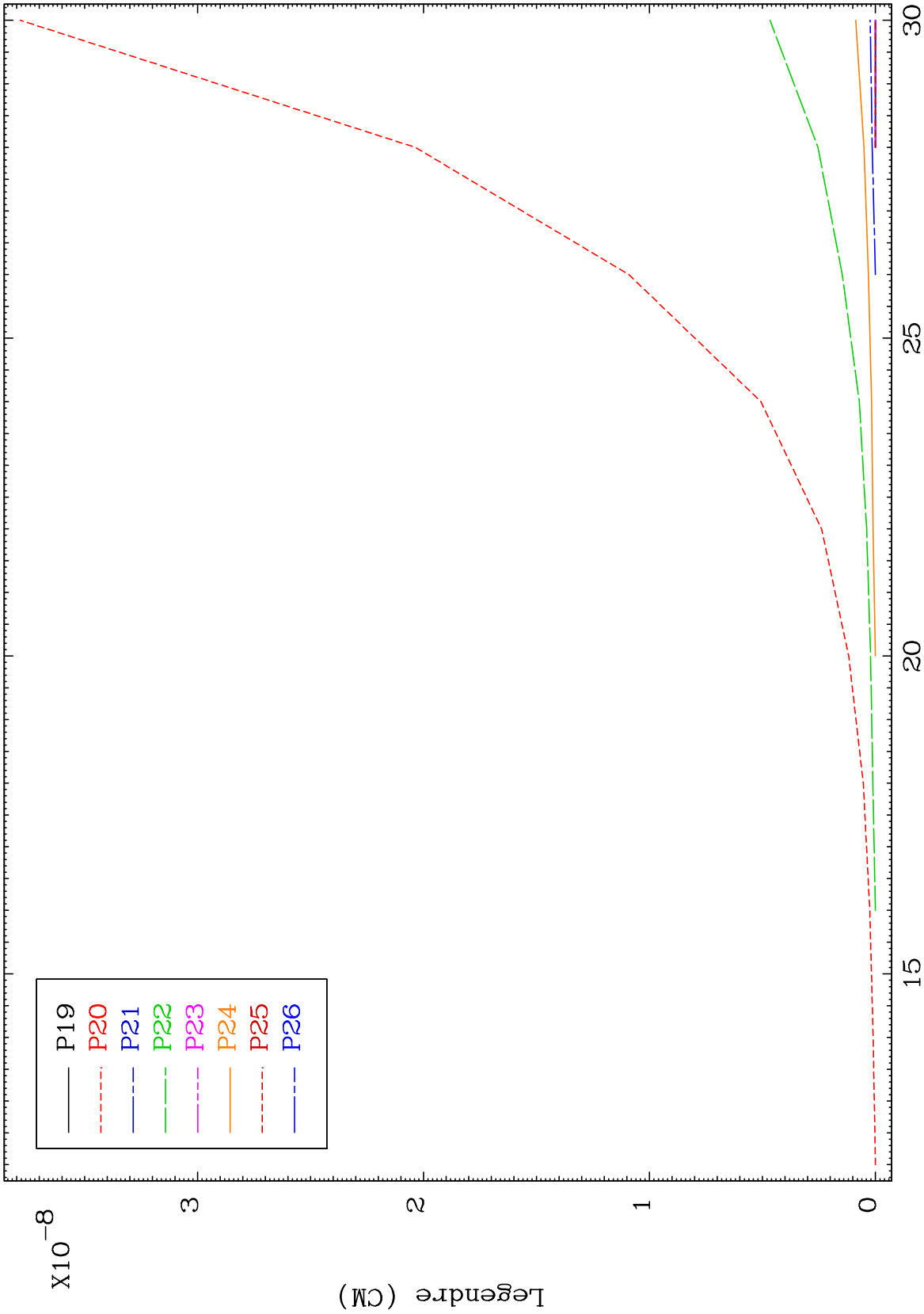
17

27-Co-62

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Elastic Legendre Coefficients

<sup>27</sup>Co-62



18

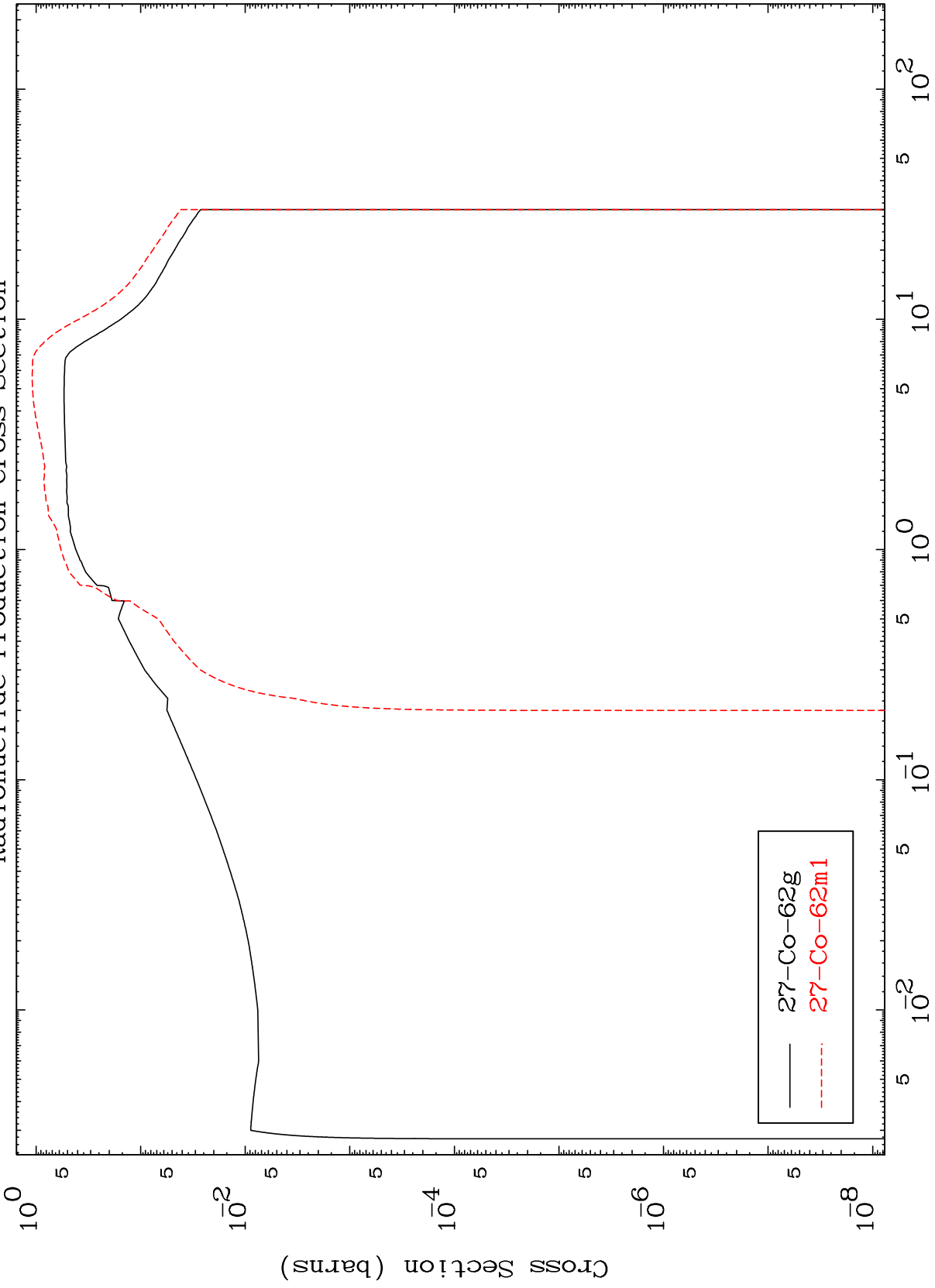
Incident Energy (MeV)

<sup>27</sup>Co-62

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27-Co-62

### Inelastic Radionuclide Production Cross Section

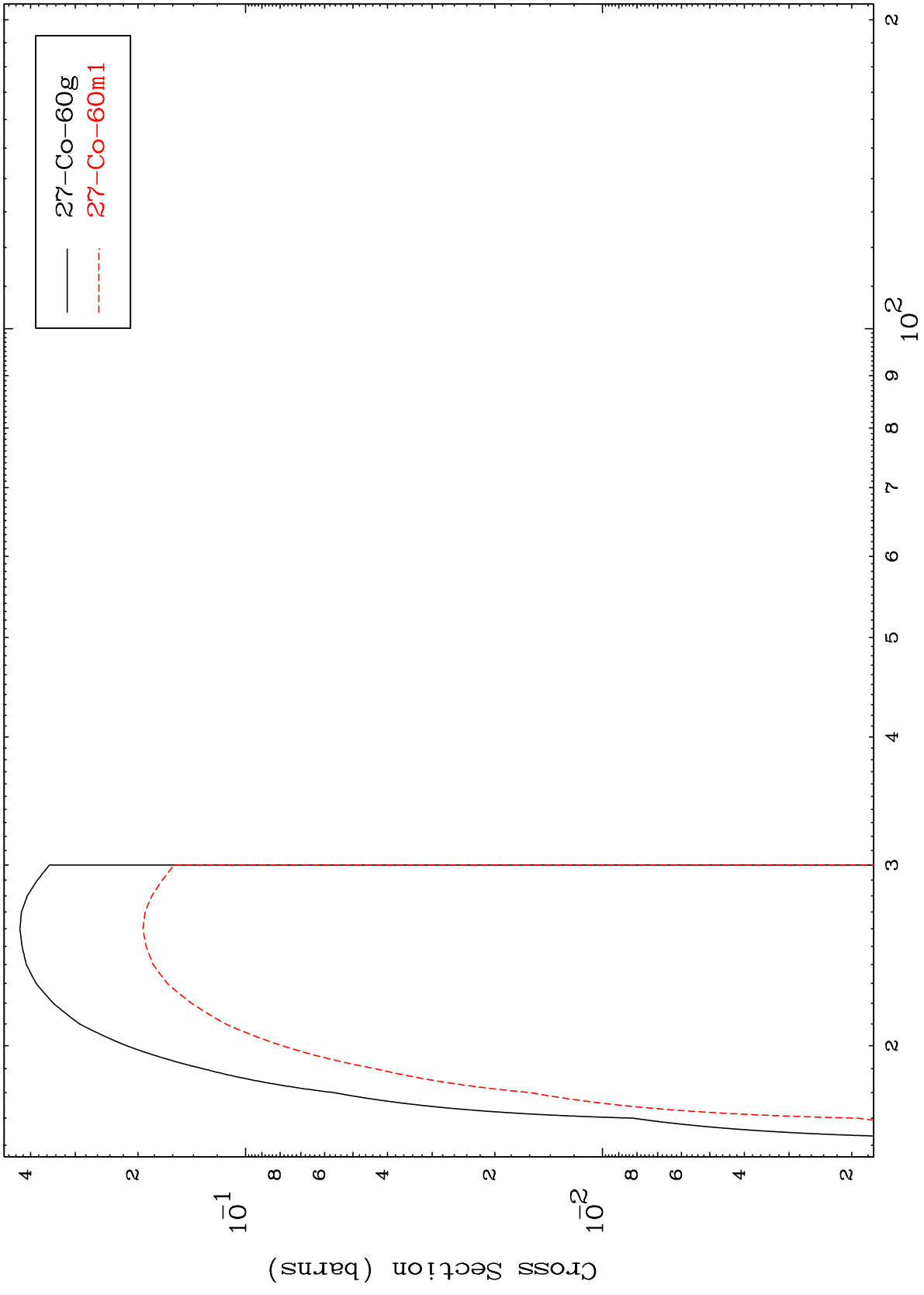


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(n,3n)

<sup>27</sup>Co-62

Radionuclide Production Cross Section



— 27-Co-60g  
- - - 27-Co-60m1

20

Incident Energy (MeV)

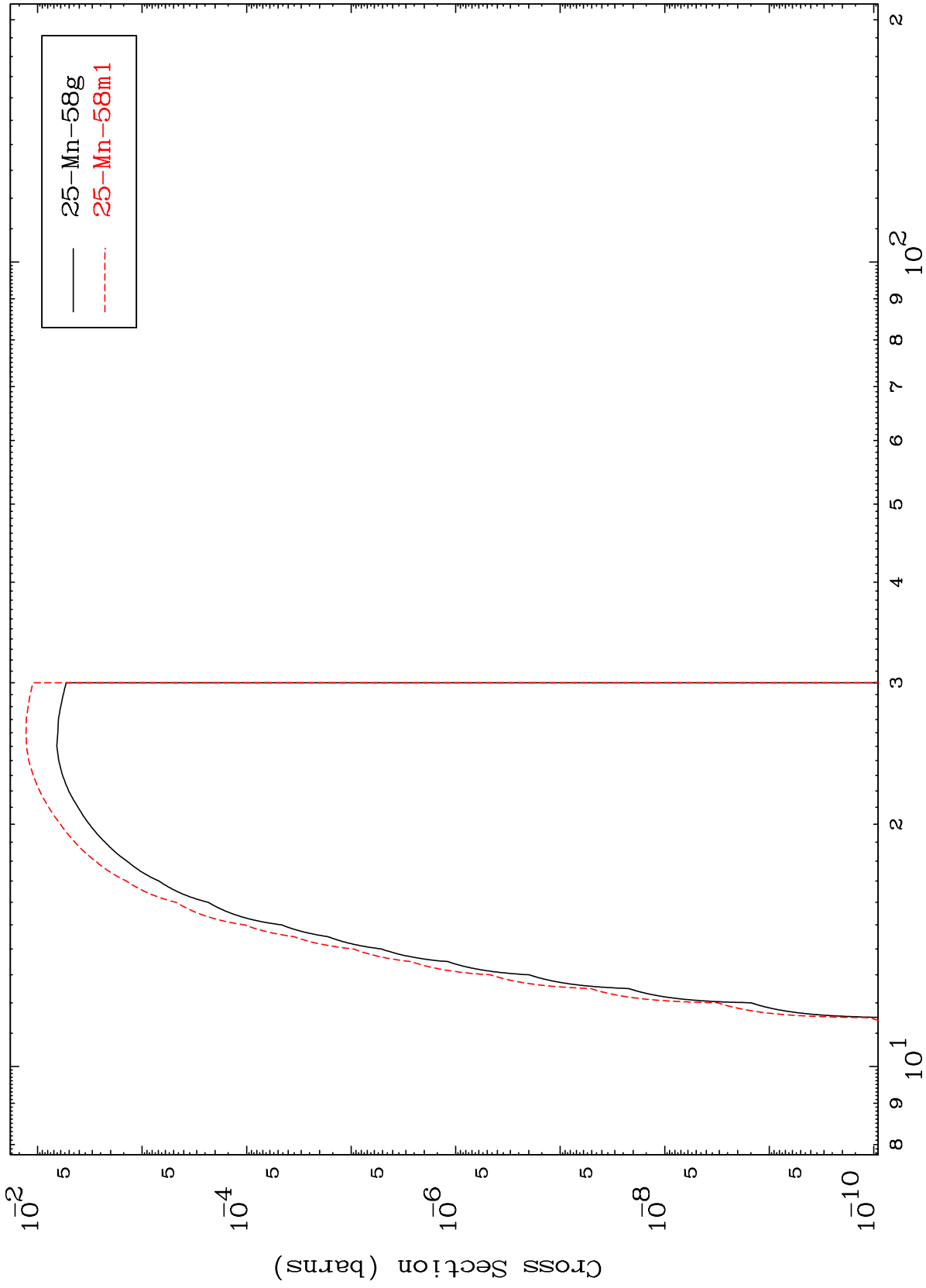
<sup>27</sup>Co-62

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(n,n')  $\alpha$

27-Co-62

Radionuclide Production Cross Section



21

Incident Energy (MeV)

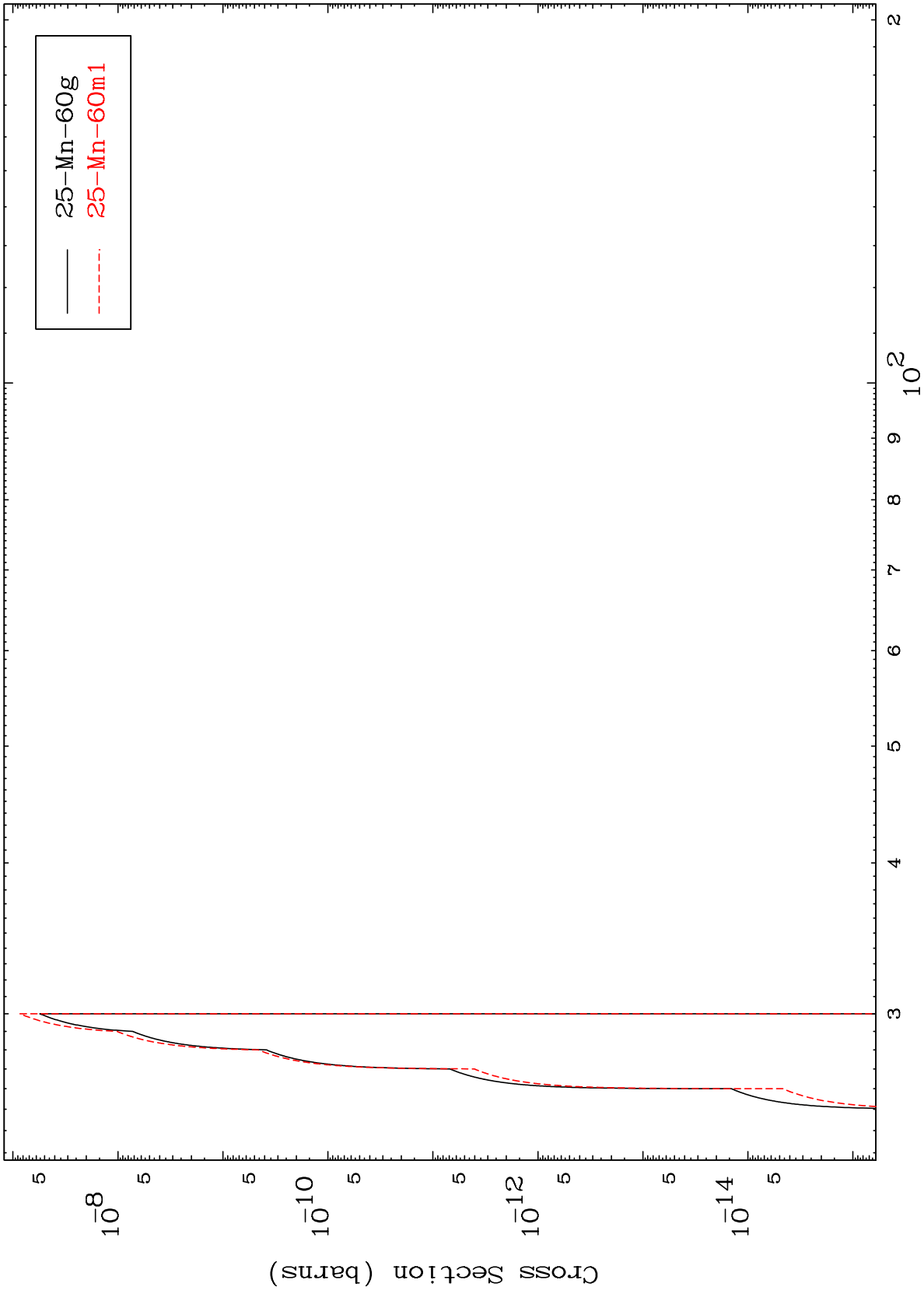
27-Co-62

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(n,2n) p

27-Co-62

Radionuclide Production Cross Section



22

Incident Energy (MeV)

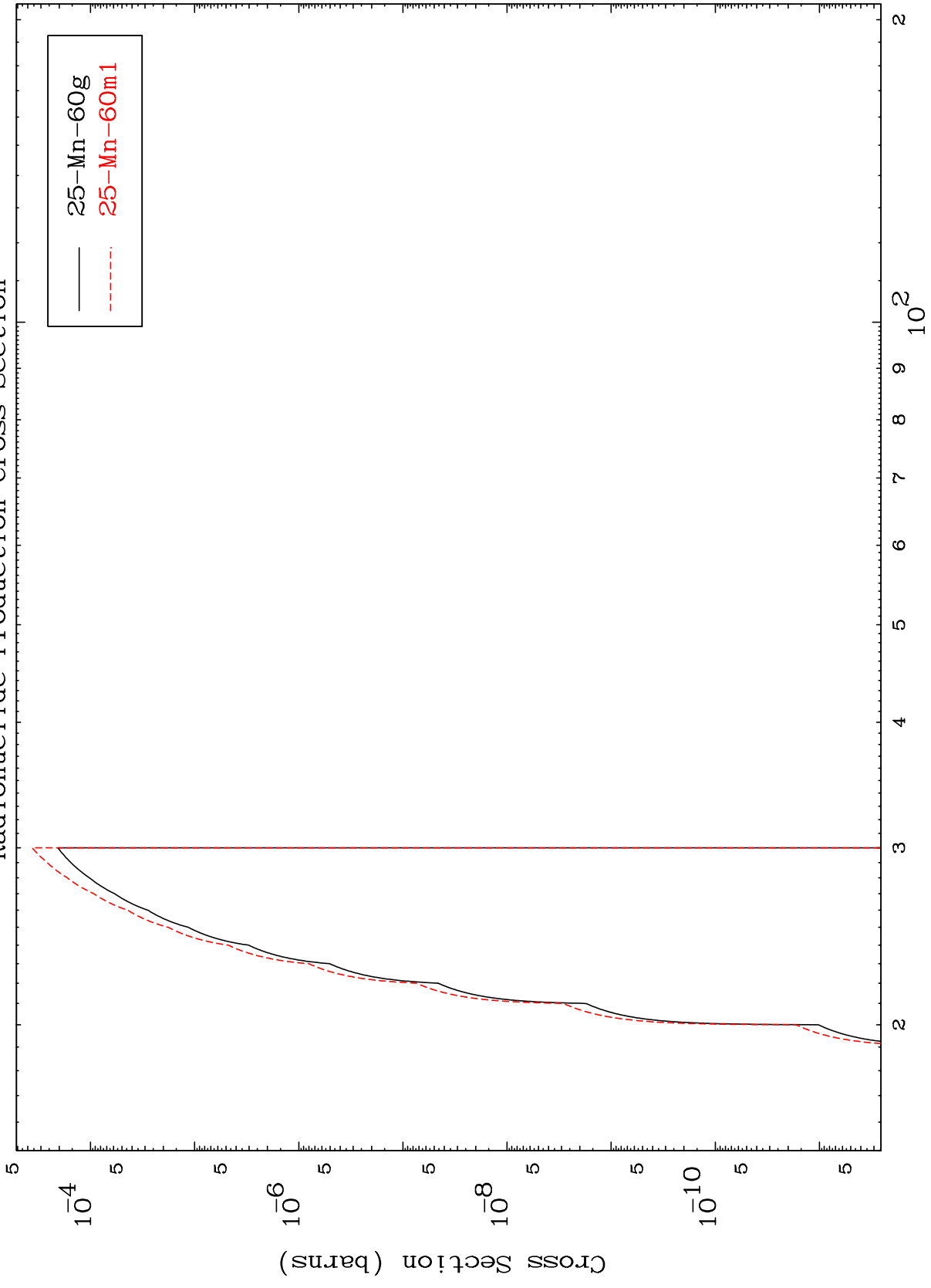
27-Co-62

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(n,He-3)

27-Co-62

Radionuclide Production Cross Section



23

Incident Energy (MeV)

27-Co-62

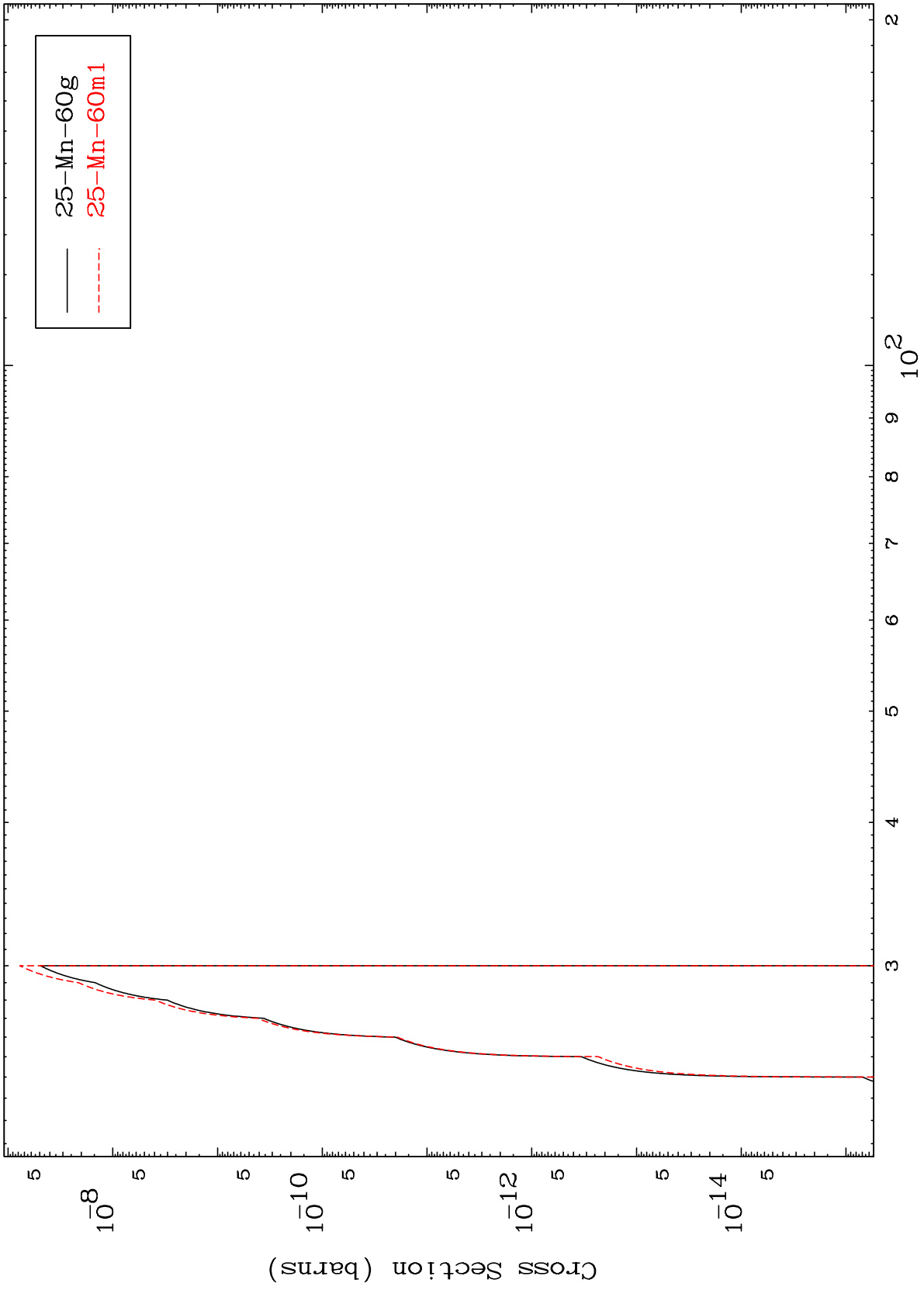


MAT 2735

(n,p) d

27-Co-62

Radionuclide Production Cross Section



24

Incident Energy (MeV)

27-Co-62